

Cretaceous–Cenozoic burial and exhumation history of the Chukchi shelf, offshore Arctic Alaska

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DATA REPOSITORY

In this data repository, we present description of apatite fission track (AFT) samples (Table DR1), summary fission track age (Table DR2), summary fission track length (Table DR3), single-grain fission track age data (Table DR4), complete track-length measurements (Table DR5), apatite (U-Th)/He data (Table DR6), and geothermal gradient calculations using bottom-hole temperature measurements (Table DR7). Additionally, we present a brief description of the analytical methods used for apatite (U-Th)/He thermochronology.

APATITE (U-TH)/HE THERMOCHRONOLOGY METHODS

Apatites were handpicked and photographed under a polarizing Leica MZ16 stereographic microscope. All grains were examined under transmitted light (plane polarized and cross polarized) and reflected light while submerged in ethyl alcohol to screen for optically visible inclusions and to identify euhedral, unfrosted, and unfractured grains. Generally, an attempt was made to pick five grains per sample; however, the low sample yields from the borehole cuttings often prevented this. Grain dimensions were measured in order to calculate α -ejection corrections for each grain.

Apatites were sealed in niobium tubes and loaded into a copper planchette. Helium (He) concentration was measured by ^3He isotope dilution using a Balzers QMS 200 quadrupole mass spectrometer at the University of California at Santa Cruz. Apatite grains were degassed at approximately 1000°C (~1832°F) for 3 min. Grains were then analyzed with a second

extraction, as a way to detect incomplete degassing, possibly related to He from more retentive phases included within the crystal. After He measurements, apatites were spiked using a mixed ^{229}Th - ^{233}U tracer. Apatites were dissolved in concentrated HNO_3 and zircons were dissolved in HF and HNO_3 for isotopedilution inductively coupled plasma mass spectrometry (ICP-MS) analysis of U and Th isotopes, on a Thermo Scientific X-series II quadrupole ICP-MS at the University of California at Santa Cruz. Three fragments of Durango fluorapatite standard were analyzed along with the apatites.

Ages were corrected for α -ejection using the procedures of Farley et al. (1996).

DISCLAIMER

Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the US Government.

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Table DR1. Sample Description

Well/Core	Top Sample (ft)	Base Sample (ft)	Mean Depth (ft)	Code	Formation	Type	Weight (oz)	composition	maturity	grain size	yield	comment
Crackerjack	2350	2550	2450	CAK11-1	Nanushuk	cuttings	3.5	qtz sand, sandstone	low	f-c	good	AFT suggests cavings from Paleocene
Crackerjack	3430	3580	3505	CAK11-2	Nanushuk	cuttings	4.5	qtz sand	low	vf-m	good	
Crackerjack	4400	4590	4495	CAK11-3	Nanushuk	cuttings	4.0	qtz sand	low	vf-m	good	
Crackerjack	5430	5600	5515	CAK11-4	Nanushuk	cuttings	4.0	qtz sand	low	vf-m	good	shell fragments present
Crackerjack	7320	7470	7395	CAK11-5	Torok	cuttings	8.5	qtz sand	low	vf-m	good	
Klondike	2180	2390	2285	CAK11-6	Nanushuk	cuttings	3.0	qtz sand	low	f	n/a	coal present
Klondike	3290	3510	3400	CAK11-7	Nanushuk	cuttings	5.0	qtz sand	low	f	good	coal present
Klondike	5240	5400	5320	CAK11-8	Torok	cuttings	3.5	qtz sand	low	f	good	coal present
Klondike	6260	6360	6310	CAK11-9	Torok	cuttings	1.5	qtz sand	low	vf-f	good	coal present
Klondike	7130	7280	7205	CAK11-10	Torok	cuttings	3.0	qtz sand	low	f	good	coal present
Klondike	8200	8320	8260	CAK11-11	Torok	cuttings	1.0	qtz sand	low	f	good	coal present
Klondike	9000	9150	9075	CAK11-12	Kuparuk/Upper Kingak	cuttings	3.0	qtz sand, sandstone	low	f	fair	
Klondike	11300	11500	11400	CAK11-13	Kavik Equivalent	cuttings	4.5	qtz sand, greywacke	low	f	poor	
Diamond	600	800	700	CAK11-14	Nanushuk	cuttings	4.0	qtz sand	low	f	good	coal present
Diamond	3430	3630	3530	CAK11-15	Torok	cuttings	4.0	qtz sand	low	f	good	
Diamond	4860	5070	4965	CAK11-16	Ivishak	cuttings	3.5	qtz sand, sandstone	low	f-c	good	
Diamond	5840	6000	5920	CAK11-17	Echooka	cuttings	7.0	qtz sand, sandstone	low	f-c	fair	Lisburne not interpreted to contribute to apatite yield
Burger	1950	2200	2075	CAK11-18	Nanushuk	cuttings	0.5	qtz sand, sandstone	low	f	poor	
Burger	5570	5670	5620	CAK11-19	Kuparuk/Upper Kingak	cuttings	1.0	qtz sand, sandstone	low	-	fair	
Burger	6050	6300	6175	CAK11-20	Kuparuk/Upper Kingak	cuttings	1.0	qtz sand, sandstone	low	-	poor	
Popcorn	4280	4660	4470	CAK11-21	Paleocene	cuttings	6.0	qtz sand	low	f-c	good	
Popcorn	4690	4990	4840	CAK11-22	Paleocene	cuttings	6.5	qtz sand	low	vf-c	n/a	
Popcorn	5140	5230	5185	CAK11-23	Torok	cuttings	6.0	qtz sand, sandstone	low	f-c	fair	
Popcorn	5550	5750	5650	CAK11-24	Kuparuk/Kingak	cuttings	4.0	qtz sand	low	f-vc	fair	
Popcorn	6400	6520	6460	CAK11-25	Kuparuk/Kingak	cuttings	2.0	qtz sand	low	f-vc	fair	Lisburne not interpreted to contribute to apatite yield
Popcorn	10030	10100	10065	Mississippian		cuttings	-	-	-	-	-	
Core 3	106	108	107	Early Tertiary		core	10+	qtz sandstone	low	f	n/a	
Core 3	176	178	177	Coniacian		core	10+	qtz sandstone	low	vf	n/a	
Core 53	14.5	15.5	15	Coniacian		core	10+	qtz sandstone	low	vf-f	n/a	
Core 7-r1	50	52	51	Toarcian		core	~4	qtz sandstone	low	f	n/a	pebble-sized clasts of sandstone washed and hand-picked under binocular microscope
Core 7-r2	50	52	51	Toarcian		core	~4	qtz sandstone	low	f	n/a	pebble-sized clasts of sandstone washed and hand-picked under binocular microscope

Table DR2. Summary Apatite Fission Track Age Data

Sample	¹ N	² N _s (tracks)	³ Ap	⁴ ρ _s (n/cm ²)	[U] (ppm)	[Th] (ppm)	[Sm] (ppm)	Pooled Age (Ma)	1 SE	⁵ χ ²	D _{par} (μm)	D _{per} (μm)	⁶ ζ _{MS}	1σ(ζ _{MS})
CJ-2450	39/40	508	1.19E-03	4.26E+05	14.0	44.7	324.6	56.5	2.8	136.1	2.08	0.40	8.2727	0.1407
CJ-3505	40/40	901	1.44E-03	6.24E+05	14.6	61.2	271.8	90.1	3.5	80.6	2.31	0.45	8.2727	0.1407
CJ-4495	39/40	475	9.27E-04	5.12E+05	25.9	131.3	252.2	63.1	3.5	182.3	2.04	0.40	8.2727	0.1407
CJ-5515	39/40	433	6.43E-04	6.74E+05	27.7	217.9	174.6	64.6	4.1	362.8	2.03	0.39	8.2727	0.1407
CJ-7395	40/40	773	6.82E-04	1.13E+06	40.0	102.9	167.3	52.9	2.3	403.2	2.18	0.48	8.2727	0.1407
KL-3400	40/40	412	9.35E-04	4.41E+05	14.3	65.9	208.6	68.1	4.2	238.9	2.04	0.41	8.2727	0.1407
KL-5320	40/40	497	6.40E-04	7.77E+05	31.7	125.6	219.9	69.2	3.7	238.8	2.06	0.42	8.2727	0.1407
KL-6310	39/40	447	6.39E-04	6.99E+05	17.7	116.3	177.6	82.6	4.4	142.0	2.04	0.43	8.2727	0.1407
KL-7205	37/40	375	9.82E-04	3.82E+05	14.4	85.1	249.1	58.1	3.2	60.6	2.14	0.43	8.2727	0.1407
KL-8260	39/40	155	6.10E-04	2.54E+05	19.5	179.7	174.5	35.2	2.9	178.6	2.03	0.41	8.2727	0.1407
KL-9075	21/22	108	2.71E-04	3.98E+05	17.4	151.1	160.0	34.9	3.5	184.4	2.00	0.40	8.2727	0.1407
KL-11400	5/6	9	1.20E-04	7.48E+04	13.4	15.4	301.8	9.7	3.2	19.0	2.05	0.52	8.2727	0.1407
DD-700	39/40	438	6.84E-04	6.40E+05	12.2	52.0	214.7	141.0	7.4	229.0	2.08	0.45	8.2727	0.1407
DD-3530	39/40	638	6.17E-04	1.03E+06	28.0	88.9	181.8	79.8	4.3	125.2	2.09	0.43	8.2727	0.1407
DD-4965	40/40	785	5.55E-04	1.42E+06	27.2	78.1	206.0	143.4	6.1	291.6	2.24	0.47	8.2727	0.1407
DD-5920	19/19	336	3.07E-04	1.10E+06	27.7	95.9	217.7	74.5	4.9	206.6	2.32	0.52	8.2727	0.1407
BG-2075	4/4	42	6.50E-05	6.46E+05	9.3	19.5	143.8	91.3	14.6	206.2	1.78	0.32	8.2727	0.1407
BG-5620	18/18	313	3.36E-04	9.31E+05	11.7	35.2	180.7	192.4	11.8	155.6	2.20	0.45	8.2727	0.1407
BG-6175	5/6	49	5.24E-05	9.35E+05	14.8	666.2	148.8	89.9	13.7	73.2	2.14	0.43	8.2727	0.1407
PC-4470	36/38	368	7.58E-04	4.85E+05	13.4	56.2	299.8	78.5	4.5	74.9	2.16	0.44	8.2727	0.1407
PC-5185	22/22	1001	6.25E-04	1.60E+06	23.2	68.0	277.5	130.7	5.1	192.6	2.07	0.41	8.2727	0.1407
PC-5650	15/19	533	2.50E-04	2.13E+06	27.5	35.3	317.7	186.9	9.3	168.8	2.07	0.46	8.2727	0.1407
PC-6460	18/20	227	3.68E-04	6.17E+05	5.5	11.6	178.4	269.3	19.1	47.3	2.08	0.43	8.2727	0.1407
PC-10065	39/40	344	7.23E-04	4.76E+05	23.4	121.7	164.6	24.7	3.7	989.5	1.99	0.41	12.357	0.2251
C3-107	40/40	1072	1.50E-03	7.12E+05	7.1	49.0	149.7	101.4	3.6	145.8	2.24	0.43	8.2727	0.1407
C3-177	39/40	655	9.03E-04	7.25E+05	7.9	27.1	138.7	124.4	5.5	534.8	2.05	0.40	8.2727	0.1407
C7-51-rep-1	39/40	996	1.12E-03	8.88E+05	9.6	32.1	105.0	85.8	3.3	735.8	2.01	0.38	8.2727	0.1407
C7-51-rep-2	39/40	726	8.33E-04	8.71E+05	23.1	145.6	197.4	102.2	4.6	656.1	1.86	0.38	12.357	0.2251
C53-15	40/40	894	1.31E-03	6.84E+05	7.4	68.2	157.9	75.3	3.1	211.4	2.18	0.44	8.2727	0.1407

¹number of grains with [U] above instrumental detection limit/total number of grains analyzed²total number of spontaneous tracks counted for sample³pooled area over which spontaneous tracks were counted⁴pooled spontaneous fission track density⁵chi-squared statistic, calculated following method described in Hasebe et al. (2013)⁶primary zeta calibration factor used to solve AFT age equation

Table DR3. Summary Track Length Data

Sample	Mean	1SE	1SD	N	Dpar (μm)	Dper (μm)
CJ-2450	14.3	0.1	1.4	210	2.36	0.49
CJ-3505	14.5	0.1	1.3	203	3.04	0.78
CJ-4495	13.8	0.4	5.2	200	2.40	0.47
CJ-5515	12.8	0.5	6.0	160	2.31	0.48
CJ-7395	11.3	0.1	1.7	200	2.44	0.46
KL-3400	12.7	0.1	1.6	200	2.30	0.45
KL-5320	12.6	0.1	1.7	200	2.30	0.45
KL-6310	11.5	0.2	1.6	115	2.31	0.44
KL-7205	11.4	0.1	1.7	179	2.42	0.49
KL-8260	11.7	0.2	1.8	56	2.47	0.49
KL-9075	12.0	0.3	1.3	18	2.37	0.52
KL-11400	11.2	1.1	1.5	3	2.17	0.49
DD-700	13.6	0.1	1.4	200	2.33	0.47
DD-3530	14.1	0.6	7.8	170	2.27	0.43
DD-4965	11.5	0.1	1.7	161	2.49	0.50
DD-5920	11.7	0.3	1.7	47	2.56	0.59
BG-2075	13.1	0.4	1.2	12	2.13	0.34
BG-5620	11.9	0.2	1.8	98	2.75	0.61
BG-6175	11.8	0.4	1.9	30	2.56	0.48
PC-4470	12.6	0.2	1.4	58	2.19	0.45
PC-5185	12.5	0.1	1.6	200	2.21	0.41
PC-5650	12.0	0.2	1.7	92	2.30	0.45
PC-6460	11.7	0.2	1.7	92	2.40	0.46
PC-10065	11.6	0.2	2.0	70	2.13	0.37
C3-107	15.0	0.1	1.2	171	2.34	0.42
C3-177	15.3	0.4	4.8	178	2.19	0.41
C7-51-rep-1	14.6	0.1	1.2	165	2.16	0.42
C7-51-rep-2	14.0	0.1	1.8	153	1.93	0.31
C53-15	15.3	0.4	5.5	176	2.27	0.45

Table DR4. Single-Grain Apatite Fission Track Age Data

	Ns	Area (cm ²)	²³⁸ U/ ⁴³ Ca	1σ	U (ppm)	Th (ppm)	Sm (ppm)	Age (Ma)	1 SE (Ma)	Dpar (μm)	Dper (μm)	
CJ-2450	6	1.6987E-05	0.0467	0.0049	19	228	241	62.3	26.3	1.78	0.37	
ζ _{MS}	4	1.9414E-05	0.0452	0.0023	10	33	405	37.6	18.9	1.91	0.42	
8.2727	18	4.8535E-05	0.0348	0.0018	9	14	538	87.5	21.2	2.32	0.41	
1σ(ζ _{MS})	18	4.8535E-05	0.0295	0.0015	8	20	371	103.1	25.0	2.00	0.35	
0.1407	7	3.1062E-05	0.0163	0.0009	4	10	225	113.1	43.2	1.99	0.41	
	20	2.4268E-05	0.0938	0.0047	23	74	458	72.3	16.6	2.23	0.31	
	15	2.4268E-05	0.0401	0.0022	9	19	190	126.2	33.4	2.43	0.42	
	0	4.8535E-05	0.0389	0.0020	10	27	588	0.0	3.1	2.16	0.49	
	9	4.8535E-05	0.0174	0.0009	5	16	328	87.5	29.6	2.59	0.41	
	24	3.8828E-05	0.0504	0.0026	13	40	402	100.6	21.2	2.10	0.38	
	0	1.4561E-05	0.0140	0.0040	1	44	0	0.0	29.2	2.10	0.34	
	47	1.9414E-05	0.4434	0.0215	92	54	376	45.0	7.0	2.11	0.45	
	2	1.5531E-05	0.1621	0.0408	19	151	514	6.6	4.9	2.13	0.41	
	13	4.8535E-05	0.0146	0.0008	3	9	216	149.7	42.5	1.99	0.36	
	12	4.8535E-05	0.0236	0.0013	6	18	332	86.1	25.3	2.13	0.25	
	6	1.2134E-05	0.0481	0.0025	10	22	214	84.4	34.8	2.00	0.32	
	10	2.4268E-05	0.2200	0.0120	8	20	301	15.5	5.0	2.00	0.36	
	5	1.9414E-05	0.0344	0.0019	11	33	377	61.7	27.8	1.98	0.46	
	81	2.4268E-05	0.2498	0.0120	55	99	381	109.6	13.4	2.35	0.53	
	8	4.8535E-05	0.0284	0.0014	8	26	168	47.9	17.1	2.43	0.68	
	7	4.8535E-05	0.0131	0.0007	4	9	175	90.2	34.5	2.05	0.39	
	3	3.8828E-05	0.0221	0.0011	3	3	24	28.8	16.7	1.79	0.46	
	18	3.1062E-05	0.1393	0.0072	17	47	495	34.3	8.3	2.00	0.46	
	2	1.7473E-05	0.0215	0.0012	6	12	190	43.9	31.2	1.95	0.36	
	4	2.4268E-05	0.0545	0.0030	12	78	37	25.0	12.6	1.82	0.37	
	3	3.1062E-05	0.0190	0.0011	5	8	253	41.9	24.4	2.05	0.32	
	20	3.1062E-05	0.0905	0.0048	23	151	374	58.6	13.5	2.19	0.34	
	10	2.9121E-05	0.0338	0.0017	9	21	415	83.4	26.8	2.12	0.40	
	22	3.1062E-05	0.0879	0.0043	18	79	731	66.3	14.5	1.77	0.43	
	6	3.8828E-05	0.0220	0.0012	5	13	286	57.8	23.9	2.04	0.37	
	6	1.9414E-05	0.0152	0.0010	4	12	285	166.0	68.7	1.89	0.29	
	8	1.9414E-05	0.0625	0.0032	13	38	291	54.3	19.4	2.03	0.35	
	2	1.9414E-05	0.0161	0.0032	6	11	350	52.6	38.7	2.03	0.46	
	10	3.8828E-05	0.0339	0.0017	7	24	541	62.5	20.0	2.15	0.40	
	21	4.8535E-05	0.0567	0.0031	19	62	427	62.8	14.2	2.01	0.35	
	5	2.3297E-05	0.0197	0.0011	6	15	166	89.5	40.4	2.14	0.36	
	9	1.9414E-05	0.0550	0.0030	10	28	292	69.4	23.5	2.21	0.43	
	44	3.8828E-05	0.2592	0.0128	46	151	504	36.1	5.8	1.76	0.38	
	3	1.9414E-05	0.0314	0.0017	9	25	197	40.6	23.5	2.40	0.46	
	9	3.1062E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.02	0.45	
N	N _s	Ap	ρ _s		[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	508	1.1920E-03	4.26E+05		14.0	44.7	324.6	56.5	2.8	136.07	2.08	0.40

CJ-3505	4	4.8535E-05	0.0080	0.0006	2	6	201	85.0	43.0	2.08	0.29	
ζ_{MS}	5	2.9121E-05	0.0103	0.0006	3	11	294	137.0	61.9	1.71	0.37	
8.2727	47	3.1062E-05	0.1672	0.0082	38	38	410	74.5	11.5	2.36	0.36	
$1\sigma(\zeta_{MS})$	18	1.9414E-05	0.1048	0.0052	26	158	439	72.8	17.6	3.03	0.44	
0.1407	2	2.9121E-05	0.0085	0.0005	2	6	229	66.5	47.2	2.19	0.27	
	4	4.8535E-05	0.0091	0.0006	2	6	292	74.7	37.7	1.78	0.43	
	7	2.9121E-05	0.0104	0.0006	3	8	267	188.6	72.2	2.42	0.40	
	56	3.8828E-05	0.1356	0.0066	33	64	349	87.4	12.5	1.86	0.41	
	16	9.7070E-06	0.1081	0.0054	25	148	341	124.9	31.9	3.32	0.97	
	52	3.8828E-05	0.1745	0.0085	44	57	220	63.2	9.3	2.23	0.36	
	8	3.3975E-05	0.0076	0.0005	2	5	320	250.7	90.1	1.91	0.38	
	4	3.3975E-05	0.0075	0.0005	2	6	287	129.0	65.1	1.80	0.33	
	66	4.8535E-05	0.1122	0.0056	27	170	311	99.5	13.3	2.87	0.73	
	9	3.3975E-05	0.0164	0.0069	7	114	875	132.5	71.3	2.17	0.34	
	62	3.8828E-05	0.1441	0.0073	28	165	309	91.0	12.5	3.05	0.57	
	29	1.7473E-05	0.1666	0.0081	35	55	216	81.9	15.8	1.92	0.30	
	5	3.1062E-05	0.0078	0.0005	2	5	199	168.7	76.2	1.82	0.28	
	49	3.8828E-05	0.1262	0.0062	32	196	408	82.2	12.5	3.21	0.89	
	3	4.8535E-05	0.0093	0.0005	2	5	166	54.8	31.8	2.07	0.33	
	38	3.8828E-05	0.1067	0.0053	26	145	217	75.4	12.9	2.44	0.55	
	10	4.8535E-05	0.0121	0.0008	3	15	129	139.3	45.0	2.80	0.66	
	20	4.8535E-05	0.0718	0.0036	18	0	64	47.3	10.9	1.89	0.30	
	30	4.8535E-05	0.0613	0.0031	17	48	241	82.9	15.8	2.00	0.43	
	28	2.4268E-05	0.1010	0.0051	28	157	271	93.9	18.4	2.91	0.66	
	4	3.8828E-05	0.0085	0.0005	2	7	284	99.3	50.0	2.20	0.46	
	13	2.4268E-05	0.0324	0.0018	9	19	299	135.4	38.4	2.45	0.44	
	91	4.8535E-05	0.1141	0.0056	29	193	311	134.6	15.8	2.76	0.52	
	0	2.4268E-05	0.0122	0.0008	6	30	84	0.0	19.8	1.95	0.30	
	7	4.8535E-05	0.0156	0.0009	3	11	304	76.1	29.1	2.15	0.39	
	5	4.8535E-05	0.0089	0.0006	2	5	223	94.9	42.9	2.01	0.45	
	5	9.7070E-06	0.0277	0.0015	7	32	120	152.1	68.6	2.11	0.47	
	2	4.8535E-05	0.0034	0.0002	1	0	17	100.0	71.1	2.13	0.35	
	23	1.7473E-05	0.1633	0.0083	27	89	309	66.4	14.3	2.29	0.47	
	9	3.1062E-05	0.0085	0.0005	2	6	193	274.6	93.2	2.02	0.40	
	14	4.8535E-05	0.0173	0.0010	4	9	163	136.4	37.4	1.87	0.35	
	9	3.8828E-05	0.0226	0.0013	6	13	176	84.4	28.6	2.30	0.49	
	56	4.8535E-05	0.1084	0.0054	27	154	236	87.4	12.6	2.76	0.49	
	45	3.3975E-05	0.1139	0.0056	28	201	505	95.5	15.1	2.91	0.58	
	42	3.8828E-05	0.0771	0.0039	20	83	282	115.1	18.8	2.38	0.47	
	4	3.8828E-05	0.0103	0.0006	3	8	311	81.9	41.3	2.22	0.35	
	N	N _s	Ap	ρ_s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
	40/40	901	1.4434E-03	6.24E+05	14.6	61.2	271.8	90.1	3.5	80.62	2.31	0.45
CJ-4495	6	3.3975E-05	0.0216	0.0012	3	1	33	67.4	27.8	2.00	0.30	
ζ_{MS}	6	1.5531E-05	0.0363	0.0019	6	22	449	87.4	36.0	1.98	0.46	
8.2727	4	4.8535E-05	0.0096	0.0006	2	6	258	70.5	35.5	2.05	0.35	

$1\sigma(\zeta_{MS})$	8	4.8535E-05	0.0125	0.0042	3	85	29	107.9	52.4	2.01	0.39	
0.1407	10	2.3297E-05	0.0340	0.0020	8	25	294	103.5	33.4	1.81	0.31	
	0	1.3590E-05	0.0081	0.0005	2	5	186	0.0	53.1	2.06	0.41	
	12	2.4268E-05	0.2513	0.0247	70	900	239	16.3	5.0	2.23	0.39	
	17	1.2134E-05	0.0962	0.0047	24	9	68	119.3	29.6	1.68	0.39	
	7	1.4561E-05	0.0337	0.0018	9	27	178	116.9	44.7	2.04	0.46	
	52	3.8828E-05	0.0931	0.0045	23	79	309	117.9	17.4	2.11	0.33	
	22	1.7473E-05	0.1145	0.0057	31	28	345	90.3	19.8	2.11	0.36	
	4	4.8535E-05	0.0054	0.0003	1	4	132	124.9	63.0	2.10	0.25	
	14	2.9121E-05	0.0220	0.0013	6	12	238	178.4	48.9	1.84	0.42	
	2	2.9121E-05	0.0062	0.0004	2	5	259	90.7	64.4	1.88	0.42	
	42	3.3975E-05	0.1024	0.0052	26	372	370	99.1	16.2	2.67	0.54	
	18	2.4268E-05	0.0502	0.0026	11	30	36	121.2	29.3	2.13	0.41	
	7	7.7656E-06	0.1046	0.0051	28	95	325	70.9	27.0	2.14	0.64	
	4	1.5531E-05	0.5515	0.0619	98	987	52	3.9	2.0	2.16	0.49	
	30	1.9414E-05	0.1221	0.0064	25	47	254	103.9	19.8	1.69	0.34	
	5	2.4268E-05	0.0109	0.0007	3	6	204	154.6	69.9	1.95	0.27	
	2	7.7656E-06	0.0381	0.0030	22	315	733	55.7	39.6	1.89	0.35	
	4	1.4561E-05	0.7972	0.0726	354	1268	980	2.9	1.4	2.27	0.32	
	1	1.3590E-05	0.0393	0.0025	6	42	27	15.5	15.5	1.64	0.35	
	4	3.1062E-05	0.0124	0.0008	4	8	243	85.3	43.0	2.07	0.43	
	0	2.3782E-05	0.0031	0.0002	1	0	5	0.0	79.7	2.02	0.23	
	1	3.8828E-05	0.0093	0.0006	2	23	311	22.8	22.8	1.57	0.30	
	35	2.3297E-05	0.0838	0.0043	22	46	74	146.7	26.0	2.07	0.42	
	16	1.4561E-05	0.0977	0.0113	43	260	874	92.4	25.5	2.46	0.53	
	5	1.9414E-05	0.0098	0.0006	3	15	350	213.4	96.4	2.20	0.30	
	3	1.9414E-05	0.0538	0.0029	10	30	155	23.7	13.8	2.04	0.39	
	3	1.9414E-05	0.0078	0.0005	2	5	158	160.9	93.4	2.10	0.46	
	2	3.8828E-05	0.0081	0.0005	2	2	35	52.6	37.4	1.95	0.40	
	12	2.3297E-05	0.0405	0.0020	9	27	163	104.4	30.6	2.06	0.43	
	4	1.3590E-05	0.0372	0.0020	8	28	181	65.2	32.8	2.04	0.46	
	20	1.7473E-05	0.0820	0.0040	25	102	383	114.5	26.3	2.06	0.37	
	1	2.4268E-05	0.0039	0.0003	1	2	18	87.5	87.8	1.85	0.40	
	34	2.9121E-05	0.0741	0.0037	19	68	510	129.1	23.1	2.14	0.41	
	34	7.7656E-06	0.3078	0.0153	78	85	150	116.6	20.9	2.53	0.57	
	24	2.4268E-05	0.0698	0.0036	17	49	226	116.1	24.5	1.91	0.39	
	0	9.7070E-06	0.0000	0.0000	0	0	0	n/a	n/a	0.00	0.00	
	N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
	39/40	475	9.2702E-04	5.12E+05	25.9	131.3	252.2	63.1	3.5	182.33	2.04	0.40

CJ-5515	3	9.7070E-06	0.0378	0.0046	2	45	63	67.2	39.7	1.86	0.37
ζ_{MS}	10	1.9414E-05	0.0182	0.0011	5	25	419	229.9	74.0	2.15	0.33
8.2727	5	1.4561E-05	0.0228	0.0053	10	1316	192	123.5	62.2	1.94	0.41
$1\sigma(\zeta_{MS})$	14	8.7363E-06	0.1848	0.0149	40	75	63	71.3	19.9	2.09	0.41
0.1407	9	4.8535E-05	0.0346	0.0019	7	24	289	44.1	14.9	2.09	0.47
	2	2.9121E-05	0.0041	0.0004	1	6	107	137.1	97.7	2.36	0.36

12	7.7656E-06	0.6951	0.1156	27	48	170	18.4	6.1	2.12	0.42
2	1.4561E-05	0.0312	0.0017	6	38	187	36.3	25.7	1.87	0.45
7	1.7473E-05	0.0277	0.0015	7	0	60	118.7	45.3	2.05	0.31
2	1.9414E-05	0.0228	0.0103	9	69	0	37.2	31.3	1.67	0.29
3	2.3782E-05	0.0236	0.0012	5	29	335	44.0	25.5	1.80	0.44
14	1.7473E-05	0.0726	0.0037	17	29	277	90.7	24.7	1.86	0.30
4	1.2134E-05	0.0201	0.0010	5	31	196	134.3	67.6	1.79	0.46
6	1.0192E-05	0.2595	0.0353	71	1214	844	18.7	8.1	2.00	0.32
12	1.9414E-05	0.1037	0.0109	32	227	18	49.1	15.1	2.01	0.33
1	9.7070E-06	0.0684	0.0116	30	894	42	12.5	12.6	1.61	0.25
28	1.7473E-05	0.1009	0.0051	26	77	350	130.0	25.5	2.05	0.48
12	1.7473E-05	0.0753	0.0091	17	819	283	75.0	23.5	2.15	0.48
21	1.9414E-05	0.0163	0.0031	7	103	82	528.3	153.3	1.91	0.30
3	1.1648E-05	0.0283	0.0028	9	284	195	75.0	43.9	2.07	0.35
2	1.2134E-05	0.0215	0.0065	11	162	0	63.0	48.5	1.95	0.52
25	5.8242E-06	0.3953	0.0195	81	124	188	89.2	18.4	1.81	0.34
43	2.3297E-05	0.1507	0.0073	34	10	501	100.5	16.2	2.37	0.49
15	1.1648E-05	0.1137	0.0194	10	141	0	93.0	28.8	2.17	0.49
6	2.9121E-05	0.0184	0.0010	4	9	171	91.9	37.9	2.15	0.44
4	9.7070E-06	1.4415	0.1732	403	1832	90	2.4	1.2	2.10	0.58
72	1.1648E-05	0.4560	0.0221	95	21	189	111.2	14.3	2.13	0.37
19	1.9414E-05	0.0416	0.0055	21	630	345	191.6	50.8	1.86	0.35
3	9.7070E-06	0.0143	0.0008	4	3	45	176.0	102.1	1.74	0.30
7	1.9414E-05	0.0265	0.0014	5	12	138	111.4	42.6	2.32	0.51
5	2.7180E-05	0.0093	0.0006	3	0	9	161.1	72.8	2.28	0.41
1	1.3590E-05	0.0036	0.0005	1	17	76	166.2	168.1	2.40	0.40
13	1.1648E-05	0.1385	0.0069	30	30	369	66.3	18.7	2.20	0.46
1	2.1841E-05	0.0134	0.0025	5	67	210	28.3	28.8	1.80	0.39
12	9.7070E-06	0.1192	0.0059	28	42	37	85.2	25.0	2.00	0.33
1	1.4561E-05	0.0018	0.0002	1	0	18	313.9	316.0	2.07	0.35
6	1.4561E-05	0.0324	0.0018	7	25	149	104.3	43.0	2.23	0.43
1	1.7473E-05	0.0087	0.0005	2	9	81	53.9	54.0	1.92	0.30
27	<i>1.2134E-05</i>	<i>0.0081</i>	<i>0.0008</i>	<i>2</i>	<i>11</i>	<i>22</i>	<i>1953.8</i>	<i>419.7</i>	<i>2.06</i>	<i>0.41</i>
0	<i>9.7070E-06</i>	<i>0.0000</i>	<i>0.0000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>n/a</i>	<i>n/a</i>	<i>0.00</i>	<i>0.00</i>

N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
38/40	406	6.3047E-04	6.44E+05	28.4	223.3	178.6	60.7	3.9	173.95	2.03	0.39

CJ-7395	1	3.8828E-05	0.0292	0.0015	5	16	65	7.3	7.3	1.99	0.49
ζ _{MS}	12	7.7656E-06	0.2072	0.0104	25	1	178	61.4	18.0	1.96	0.45
8.2727	18	7.2803E-06	0.2398	0.0124	44	125	62	84.7	20.5	2.50	0.52
1σ(ζ _{MS})	0	9.7070E-06	0.0439	0.0050	16	624	255	0.0	13.8	2.04	0.55
0.1407	1	2.3297E-05	0.0080	0.0005	2	6	125	44.1	44.3	1.70	0.36
	1	1.7473E-05	0.0174	0.0010	5	19	127	27.1	27.1	1.88	0.38
	18	7.7656E-06	0.1522	0.0078	21	38	77	124.8	30.2	1.81	0.45
	3	1.7473E-05	0.0345	0.0018	6	45	222	41.1	23.8	2.53	0.63
	26	3.8828E-05	0.0276	0.0016	9	11	129	198.0	40.7	2.09	0.40

54	7.7656E-06	1.3137	0.0638	245	152	357	43.6	6.3	2.03	0.47	
0	1.1648E-05	0.0006	0.0002	0	1	0	0.0	800.3	2.28	0.41	
3	1.7473E-05	0.0455	0.0045	16	167	170	31.1	18.2	2.41	0.73	
17	7.7656E-06	0.0480	0.0028	11	12	592	366.7	91.7	2.29	0.50	
10	1.1648E-05	0.1331	0.0064	23	29	45	53.2	17.0	2.21	0.46	
13	1.7473E-05	0.1327	0.0065	26	22	282	46.2	13.0	2.14	0.34	
16	2.9121E-05	0.0592	0.0030	14	57	407	76.4	19.5	2.29	0.46	
14	3.1062E-05	0.0180	0.0010	4	12	156	204.4	56.0	2.44	0.49	
118	3.8828E-05	0.3079	0.0159	86	76	401	81.1	8.7	2.23	0.43	
6	1.1648E-05	0.1468	0.0242	25	160	165	29.0	12.8	2.03	0.37	
30	1.1648E-05	0.1623	0.0080	37	93	290	130.0	24.7	2.40	0.53	
24	7.7656E-06	0.0936	0.0092	28	58	147	267.6	60.8	2.20	0.43	
44	4.8535E-05	0.0569	0.0029	13	56	249	130.5	20.9	2.03	0.37	
41	1.9414E-05	0.2743	0.0135	63	1012	190	63.4	10.4	2.46	0.56	
17	9.7070E-06	0.2590	0.0127	53	15	92	55.7	13.8	1.86	0.47	
22	7.7656E-06	0.3187	0.0160	74	30	24	73.1	16.1	2.04	0.63	
9	7.7656E-06	0.1442	0.0074	32	221	401	66.2	22.3	2.96	0.57	
38	1.9414E-05	0.1907	0.0100	28	153	141	84.4	14.5	2.25	0.42	
20	7.7656E-06	0.2183	0.0106	57	133	118	96.9	22.2	2.18	0.43	
16	1.3590E-05	0.1724	0.0084	40	87	200	56.3	14.4	2.15	0.45	
6	1.4561E-05	0.0153	0.0009	4	20	152	218.9	90.4	1.98	0.28	
3	1.1648E-05	0.0118	0.0007	3	18	244	178.2	103.5	2.27	0.53	
6	2.4268E-05	0.0819	0.0043	27	11	13	24.9	10.3	2.16	0.42	
36	1.7473E-05	0.7418	0.0386	129	67	5	22.9	4.0	2.45	0.41	
4	3.1062E-05	0.0479	0.0024	10	22	41	22.2	11.2	1.99	0.38	
10	1.1648E-05	0.0289	0.0016	8	37	50	241.1	77.5	2.26	0.44	
1	1.0192E-05	0.0268	0.0016	5	23	150	30.2	30.2	1.86	0.38	
9	1.9414E-05	0.0326	0.0017	9	36	199	116.5	39.4	2.25	0.74	
29	9.7070E-06	0.4098	0.0207	71	83	85	60.0	11.6	2.37	0.76	
3	1.4561E-05	0.0081	0.0005	2	4	66	208.3	121.0	1.87	0.48	
74	<i>1.1648E-05</i>	<i>2.9432</i>	<i>0.1421</i>	<i>322</i>	<i>362</i>	<i>20</i>	<i>17.8</i>	<i>2.3</i>	<i>2.42</i>	<i>0.48</i>	
N	N _s	Ap	p _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	699	6.7075E-04	1.04E+06	32.7	96.2	171.1	66.8	2.9	273.87	2.18	0.48

KL-3400	2	1.2134E-05	0.0551	0.0028	21	11	93	24.7	17.5	2.02	0.35
ζ _{MS}	2	2.9121E-05	0.0100	0.0006	2	6	178	56.8	40.3	1.68	0.34
8.2727	10	4.8535E-05	0.0370	0.0019	4	7	207	45.9	14.7	1.88	0.35
1σ(ζ _{MS})	2	1.9414E-05	0.0222	0.0015	3	10	313	38.2	27.2	2.24	0.39
0.1407	6	8.7363E-06	0.0364	0.0019	9	36	382	154.1	63.5	2.16	0.49
	1	4.8535E-05	0.0009	0.0001	0	1	54	177.9	179.3	1.73	0.41
	63	3.8828E-05	0.1366	0.0068	30	0	186	97.5	13.3	1.86	0.46
	1	1.9414E-05	0.1255	0.0154	39	670	598	3.4	3.4	2.17	0.49
	2	3.8828E-05	0.1052	0.0280	26	89	6	4.0	3.1	2.19	0.40
	21	3.8828E-05	0.0189	0.0011	5	9	268	232.3	52.6	1.81	0.36
	15	1.3590E-05	0.1237	0.0061	22	9	114	73.4	19.3	1.67	0.36
	0	1.4561E-05	0.0168	0.0009	4	7	168	0.0	23.9	1.82	0.27

2	1.9414E-05	0.0340	0.0044	14	107	113	25.0	18.0	2.40	0.45	
8	1.6987E-05	0.0618	0.0031	13	69	309	62.8	22.4	2.07	0.36	
6	3.1062E-05	0.0114	0.0007	3	7	302	138.7	57.3	2.08	0.46	
4	1.7473E-05	0.0101	0.0007	2	6	281	184.6	93.2	2.13	0.33	
9	9.7070E-06	0.0581	0.0031	22	66	147	130.7	44.2	1.77	0.37	
9	2.9121E-05	0.0159	0.0008	3	1	38	158.8	53.6	1.79	0.41	
9	1.7473E-05	0.0541	0.0029	13	66	302	78.3	26.5	2.82	0.73	
5	2.4268E-05	0.0327	0.0017	9	8	94	52.0	23.4	2.01	0.51	
31	1.2134E-05	0.5612	0.0279	93	61	72	37.6	7.0	1.76	0.28	
17	3.1062E-05	0.0357	0.0019	6	35	87	125.4	31.2	2.74	0.50	
5	1.7473E-05	0.0142	0.0008	3	6	164	164.3	74.1	2.19	0.38	
18	4.8535E-05	0.0210	0.0011	5	11	312	144.6	35.0	2.27	0.46	
8	2.4268E-05	0.0494	0.0041	24	248	43	54.9	20.0	2.11	0.50	
1	1.1648E-05	0.0093	0.0007	2	5	252	75.8	76.0	2.08	0.57	
7	2.9121E-05	0.0222	0.0011	5	12	269	89.1	34.0	2.05	0.42	
34	1.1648E-05	0.0455	0.0028	8	21	133	509.7	93.2	1.98	0.43	
1	2.9121E-05	0.0134	0.0010	2	6	242	21.2	21.3	1.71	0.22	
21	1.9414E-05	0.0901	0.0045	30	56	92	98.5	22.1	1.76	0.36	
15	3.1062E-05	0.0373	0.0019	8	44	129	106.3	28.1	2.27	0.50	
0	1.4561E-05	0.0005	0.0001	0	0	0	0.0	745.7	2.39	0.45	
23	2.9121E-05	0.0709	0.0036	14	73	74	91.5	19.7	1.90	0.41	
17	1.9414E-05	0.0841	0.0043	17	61	569	85.6	21.3	2.01	0.35	
8	1.9414E-05	0.0411	0.0021	10	21	385	82.5	29.5	1.86	0.34	
6	1.7473E-05	0.1507	0.0444	15	153	509	18.8	9.5	1.79	0.36	
10	1.4561E-05	0.0683	0.0036	20	34	397	82.6	26.5	2.20	0.46	
4	2.4268E-05	0.0090	0.0006	2	6	269	149.8	75.5	2.03	0.34	
4	1.9414E-05	0.0125	0.0008	3	16	193	135.0	68.0	2.00	0.32	
5	1.5531E-05	0.2056	0.0411	61	580	0	12.9	6.3	2.29	0.46	
N	N _s	A _p	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
40/40	412	9.3527E-04	4.41E+05	14.3	65.9	208.6	68.1	4.2	238.94	2.04	0.41

KL-5320	0	1.5531E-05	0.0086	0.0006	2	4	69	0.0	43.6	1.66	0.30
ζ _{MS}	2	1.9414E-05	0.0017	0.0002	0	2	360	476.7	341.0	1.92	0.42
8.2727	49	2.0385E-05	0.1142	0.0059	26	131	338	171.8	26.2	2.29	0.53
1σ(ζ _{MS})	3	1.1648E-05	0.1126	0.0209	38	1449	321	18.9	11.5	2.23	0.57
0.1407	0	9.7070E-06	0.1174	0.0099	40	532	525	0.0	5.1	2.46	0.50
	2	2.3782E-05	0.0152	0.0012	4	37	193	45.7	32.5	2.13	0.37
	0	2.4268E-05	0.0116	0.0007	3	3	17	0.0	20.7	1.88	0.38
	7	1.1648E-05	0.0747	0.0039	18	34	204	66.2	25.3	1.80	0.40
	15	2.9121E-05	0.0638	0.0037	15	4	258	66.4	17.6	2.11	0.54
	2	1.6987E-05	0.0089	0.0006	2	6	268	108.8	77.3	1.94	0.42
	64	3.8828E-05	0.2199	0.0116	47	47	554	61.7	8.4	1.74	0.30
	12	7.7656E-06	0.1853	0.0092	41	69	380	68.6	20.1	2.06	0.57
	2	1.9414E-05	0.0096	0.0006	2	0	10	88.3	62.7	1.88	0.42
	5	1.1648E-05	0.0443	0.0023	10	34	52	79.6	35.9	2.02	0.43
	10	1.7473E-05	0.0196	0.0011	5	16	198	237.0	76.3	2.43	0.51

12	1.4561E-05	0.1049	0.0053	20	69	446	64.7	19.0	1.80	0.39	
5	3.3975E-05	0.0118	0.0007	3	6	139	102.3	46.2	2.02	0.33	
8	1.1648E-05	0.0202	0.0011	5	9	178	275.6	98.8	1.96	0.37	
26	1.7473E-05	0.1638	0.0083	31	163	291	74.7	15.2	2.12	0.41	
4	1.4561E-05	0.0109	0.0007	3	22	227	205.8	103.9	2.04	0.41	
5	9.7070E-06	0.0640	0.0032	14	88	252	66.2	29.8	2.13	0.31	
0	1.4561E-05	0.0031	0.0002	1	2	2	0.0	128.4	2.09	0.44	
11	1.4561E-05	0.0269	0.0014	6	13	67	228.5	70.1	1.97	0.35	
2	7.7656E-06	0.0071	0.0005	2	6	205	291.8	207.5	2.03	0.41	
1	9.7070E-06	0.1957	0.0187	202	479	0	4.4	4.4	1.88	0.45	
0	9.7070E-06	0.0502	0.0084	14	487	174	0.0	12.1	2.11	0.46	
68	7.7656E-06	1.2874	0.0678	302	318	514	56.0	7.5	2.13	0.51	
39	1.7473E-05	0.0859	0.0045	22	1	74	211.5	35.8	2.38	0.36	
4	1.4561E-05	0.0138	0.0008	3	9	64	162.9	82.0	2.69	0.62	
1	9.7070E-06	0.0691	0.0079	77	374	336	12.3	12.4	2.28	0.56	
16	1.1648E-05	0.0685	0.0039	17	28	268	163.7	42.1	2.32	0.45	
3	1.5531E-05	0.0321	0.0017	8	14	91	49.6	28.8	2.11	0.31	
0	1.2134E-05	0.0026	0.0002	0	0	0	0.0	186.3	2.17	0.53	
34	1.2134E-05	0.2586	0.0128	59	204	63	89.0	16.0	1.89	0.35	
5	1.9414E-05	0.0592	0.0030	13	25	184	35.9	16.2	1.95	0.47	
35	7.7656E-06	1.1572	0.1419	161	263	848	32.1	6.7	1.80	0.41	
20	1.7473E-05	0.1837	0.0090	41	15	38	51.3	11.8	2.01	0.30	
6	1.1648E-05	0.0245	0.0013	6	26	78	172.0	70.9	2.11	0.34	
5	2.9121E-05	0.0158	0.0009	4	2	1	89.1	40.2	2.02	0.35	
14	1.7473E-05	0.0013	0.0019	1	31	508	3759.7	5730.1	1.94	0.35	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	483	6.2222E-04	7.76E+05	32.5	128.0	212.5	67.3	3.6	232.66	2.07	0.42

KL-6310	0	1.4561E-05	0.0020	0.0002	1	1	56	0.0	201.8	1.78	0.41
ζ _{MS}	2	1.4561E-05	0.0093	0.0006	3	6	186	121.0	85.9	1.93	0.40
8.2727	1	1.9414E-05	0.0069	0.0005	2	8	18	61.6	61.8	1.85	0.44
1σ(ζ _{MS})	7	1.9414E-05	0.0454	0.0024	8	4	93	65.3	25.0	2.18	0.55
0.1407	3	9.7070E-06	0.0462	0.0024	8	27	242	55.1	32.0	2.14	0.56
	1	8.7363E-06	0.0110	0.0011	2	102	139	85.3	85.8	2.10	0.70
	11	3.8828E-05	0.0086	0.0005	2	5	162	266.2	82.1	2.15	0.42
	0	2.9121E-05	0.0048	0.0004	1	1	14	0.0	41.6	1.96	0.38
	2	1.4561E-05	0.0096	0.0020	4	533	158	117.5	86.6	2.17	0.46
	2	1.7473E-05	0.0193	0.0011	3	5	33	49.0	34.8	1.93	0.36
	1	1.9414E-05	0.0064	0.0004	1	4	21	66.3	66.5	2.18	0.53
	8	1.7473E-05	0.0838	0.0042	19	12	94	45.0	16.1	1.91	0.42
	1	9.7070E-06	0.0055	0.0004	1	0	42	154.0	154.4	1.96	0.26
	2	7.7656E-06	0.0225	0.0012	4	12	82	94.0	66.6	2.25	0.62
	23	7.7656E-06	0.1187	0.0059	31	4	96	203.2	43.7	2.01	0.35
	34	2.3297E-05	0.0836	0.0045	22	62	322	142.9	25.8	2.10	0.40
	1	7.7656E-06	0.0142	0.0008	2	3	0	74.4	74.5	1.96	0.35
	6	1.1648E-05	0.0700	0.0034	17	12	62	60.6	24.9	1.90	0.27

54	1.2134E-05	0.4829	0.0245	131	109	260	75.8	11.1	2.13	0.46	
18	1.2134E-05	0.2208	0.0112	27	160	225	55.3	13.4	2.51	0.58	
0	7.7656E-06	0.0824	0.0052	24	1003	693	0.0	9.1	1.73	0.50	
12	1.7473E-05	0.0382	0.0022	7	33	105	146.9	43.3	2.03	0.44	
42	7.2803E-06	0.2605	0.0130	54	85	101	180.7	29.5	1.86	0.36	
1	1.1648E-05	0.0142	0.0008	3	8	256	49.9	50.0	1.93	0.47	
7	2.3782E-05	0.0300	0.0016	7	1	401	80.7	30.9	2.16	0.51	
0	9.7070E-06	0.0771	0.0169	33	226	116	0.0	7.9	1.83	0.46	
28	1.1648E-05	0.2011	0.0099	48	83	444	98.1	19.2	2.31	0.55	
59	1.9414E-05	0.4136	0.0211	70	205	161	60.5	8.5	2.17	0.35	
5	9.7070E-06	0.0726	0.0037	17	91	54	58.4	26.3	2.40	0.46	
2	3.8828E-05	0.0139	0.0008	4	6	192	30.5	21.6	2.15	0.37	
0	1.4561E-05	0.0082	0.0005	2	48	358	0.0	49.1	1.98	0.34	
14	3.1062E-05	0.0315	0.0017	7	25	134	117.1	32.0	2.08	0.45	
6	2.9121E-05	0.0216	0.0012	4	31	151	78.3	32.3	1.81	0.40	
13	7.7656E-06	0.0889	0.0097	27	68	0	153.9	45.9	2.11	0.30	
67	2.3297E-05	0.2667	0.0132	46	38	97	88.6	11.8	2.20	0.44	
2	1.4561E-05	0.0102	0.0006	3	7	277	110.9	78.7	1.65	0.37	
5	1.2134E-05	0.1474	0.0189	38	1461	676	23.1	10.7	2.11	0.34	
4	1.9414E-05	0.0173	0.0010	4	44	393	97.6	49.1	1.97	0.46	
3	1.4561E-05	0.0208	0.0011	5	2	11	81.3	47.2	2.10	0.47	
4	1.9414E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.10	0.44	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	447	6.3921E-04	6.99E+05	17.7	116.3	177.6	82.6	4.4	141.97	2.04	0.43

KL-7205	14	2.9121E-05	0.0393	0.0021	10	8	74	100.5	27.4	2.08	0.35
ζ _{MS}	2	1.7473E-05	0.0038	0.0003	1	10	215	241.6	171.9	2.33	0.48
8.2727	38	3.1062E-05	0.1676	0.0083	32	77	524	60.1	10.2	2.07	0.26
1σ(ζ _{MS})	6	1.7473E-05	0.0361	0.0018	9	27	149	78.2	32.2	2.03	0.37
0.1407	2	1.3590E-05	0.0347	0.0053	15	988	131	34.9	25.3	2.08	0.34
	6	1.7473E-05	0.0800	0.0041	17	106	346	35.4	14.6	1.97	0.30
	2	1.4561E-05	0.0153	0.0012	9	377	672	73.8	52.5	2.02	0.24
	6	4.8535E-05	0.0175	0.0009	4	14	213	58.3	24.0	2.26	0.48
	4	2.3782E-05	0.0161	0.0010	4	15	184	85.6	43.1	2.18	0.48
	1	1.7473E-05	0.0259	0.0041	56	957	225	18.2	18.5	2.01	0.30
	12	3.8828E-05	0.0542	0.0028	12	61	166	47.0	13.8	1.90	0.41
	0	1.4561E-05	0.0001	0.0000	0	2	141	0.0	2802.4	2.58	0.35
	13	4.8535E-05	0.0705	0.0039	17	5	51	31.3	8.9	2.17	0.39
	4	9.7070E-06	0.0271	0.0015	6	36	302	124.7	62.8	2.49	0.59
	1	1.4561E-05	0.0042	0.0003	1	0	10	134.4	134.8	1.88	0.32
	4	3.3975E-05	0.0153	0.0008	6	12	71	63.3	31.9	2.25	0.52
	4	3.3975E-05	0.0086	0.0005	2	13	218	112.1	56.5	2.24	0.32
	1	2.3297E-05	0.0181	0.0010	4	4	90	19.5	19.6	2.16	0.47
	6	3.3975E-05	0.0415	0.0022	13	10	45	35.1	14.4	2.22	0.62
	22	3.1062E-05	0.0950	0.0048	19	31	193	61.4	13.5	2.23	0.41
	29	1.7473E-05	0.1762	0.0086	40	44	1672	77.4	14.9	2.04	0.38

34	2.7180E-05	0.1396	0.0068	34	59	209	73.7	13.2	2.03	0.40	
6	1.4561E-05	0.0355	0.0018	9	9	13	95.3	39.2	1.78	0.36	
16	1.9414E-05	0.0917	0.0048	20	8	107	73.9	18.9	1.96	0.39	
7	2.7180E-05	0.0212	0.0012	5	30	282	99.7	38.2	2.55	0.64	
0	2.4268E-05	0.0067	0.0004	1	2	18	0.0	35.7	1.77	0.51	
7	3.8828E-05	0.0278	0.0016	6	18	215	53.4	20.4	2.33	0.52	
3	3.1062E-05	0.0404	0.0021	7	5	34	19.7	11.4	1.90	0.49	
34	4.8535E-05	0.1174	0.0058	25	2	106	49.2	8.8	2.14	0.34	
2	3.8828E-05	0.0078	0.0005	2	1	293	54.1	38.4	2.06	0.53	
7	2.3297E-05	0.0289	0.0016	6	30	370	85.5	32.7	2.30	0.60	
43	2.9121E-05	0.2335	0.0115	77	29	54	52.1	8.4	2.27	0.40	
4	1.3590E-05	0.0226	0.0012	5	13	65	106.9	53.8	2.10	0.50	
4	4.8535E-05	0.0122	0.0007	3	12	106	55.8	28.1	2.15	0.41	
13	1.6987E-05	0.1289	0.0064	30	60	1096	48.9	13.8	1.96	0.45	
5	3.1062E-05	0.0319	0.0017	7	20	266	41.6	18.8	2.12	0.52	
13	1.9414E-05	0.0556	0.0030	17	54	290	98.9	28.0	2.52	0.48	
16	1.7473E-05	1.8285	0.1174	3401	10772	3389	4.1	1.1	1.98	0.35	
1	4.8535E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.23	0.31	
1	3.3975E-05	0.0000	0.0000	0	0	0	n/a	n/a	1.74	0.33	
N	N _s	Ap	p _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
37/40	375	9.8235E-04	3.82E+05	14.4	85.1	249.1	58.1	3.2	60.62	2.14	0.43

KL-8260	0	1.9414E-05	0.0186	0.0009	4	1	119	0.0	16.2	2.30	0.36
ζ _{MS}	4	3.8828E-05	0.0244	0.0014	5	13	71	34.9	17.6	2.01	0.46
8.2727	5	3.8828E-05	0.0429	0.0025	9	45	61	24.8	11.2	2.37	0.41
1σ(ζ _{MS})	5	2.9121E-05	0.0582	0.0030	12	81	238	24.3	11.0	2.17	0.41
0.1407	5	7.7656E-06	0.0782	0.0102	42	933	334	67.8	31.6	1.75	0.37
	1	3.8828E-05	0.0025	0.0002	1	4	486	84.0	84.4	2.08	0.31
	2	1.9414E-05	0.0419	0.0032	43	1193	540	20.3	14.5	1.86	0.49
	9	1.4561E-05	0.1534	0.0077	40	64	79	33.2	11.2	2.08	0.43
	43	3.1062E-05	0.1275	0.0066	31	163	106	89.2	14.4	2.22	0.47
	2	2.3782E-05	0.0132	0.0008	3	8	187	52.3	37.1	2.27	0.41
	3	1.1648E-05	0.0887	0.0149	65	420	0	24.0	14.4	1.78	0.39
	1	1.1648E-05	0.0334	0.0017	8	1	25	21.2	21.2	2.21	0.32
	4	1.4561E-05	0.0531	0.0028	12	43	32	42.6	21.4	1.91	0.40
	0	1.7473E-05	0.0108	0.0056	5	274	117	0.0	33.1	2.03	0.37
	0	9.7070E-06	0.0152	0.0009	4	25	153	0.0	39.6	2.12	0.32
	4	9.7070E-06	0.0586	0.0032	12	2	37	57.9	29.1	2.47	0.57
	0	9.7070E-06	0.0035	0.0007	2	222	0	0.0	174.7	1.70	0.36
	1	7.7656E-06	0.1115	0.0056	26	17	121	9.5	9.6	2.06	0.38
	15	7.7656E-06	0.3343	0.0170	70	241	126	47.6	12.6	2.21	0.48
	0	1.3590E-05	0.0699	0.0080	11	197	15	0.0	6.2	1.88	0.51
	0	1.2134E-05	0.0153	0.0010	3	0	70	0.0	31.6	2.31	0.46
	20	7.7656E-06	0.3293	0.0159	80	208	606	64.4	14.8	2.16	0.49
	2	7.2803E-06	0.0346	0.0018	5	31	107	65.3	46.3	1.71	0.57
	0	7.7656E-06	0.0727	0.0036	16	23	101	0.0	10.4	1.88	0.44

0	8.7363E-06	0.0057	0.0004	2	10	44	0.0	117.0	1.81	0.30	
0	3.3975E-05	0.0289	0.0015	12	36	297	0.0	6.0	1.76	0.47	
3	1.7473E-05	0.1068	0.0053	25	16	333	13.3	7.7	1.73	0.36	
0	7.7656E-06	0.0099	0.0006	4	17	220	0.0	76.1	1.98	0.31	
0	9.7070E-06	0.1121	0.0055	27	29	79	0.0	5.4	2.34	0.32	
0	7.7656E-06	0.0788	0.0068	41	1202	270	0.0	9.6	2.19	0.31	
0	9.7070E-06	0.0183	0.0010	4	17	172	0.0	32.9	1.79	0.48	
2	9.7070E-06	0.1280	0.0063	32	107	78	13.3	9.4	1.68	0.37	
4	1.5531E-05	0.0151	0.0061	8	654	872	139.2	89.2	2.09	0.56	
4	1.3104E-05	0.0506	0.0037	14	109	261	49.7	25.1	2.19	0.29	
1	9.7070E-06	0.0555	0.0029	10	6	38	15.3	15.4	2.02	0.43	
0	1.1648E-05	0.0065	0.0006	1	40	358	0.0	76.8	1.93	0.35	
7	2.3297E-05	0.1114	0.0055	23	11	50	22.3	8.5	1.97	0.44	
5	1.1648E-05	0.2029	0.0195	47	369	2	17.5	8.0	1.99	0.43	
3	9.7070E-06	0.0011	0.0005	1	178	1	1921.5	1373.9	2.27	0.48	
4	2.0385E-05	0.0000	0.0000	0	0	0	n/a	n/a	1.76	0.45	
N	N_s	Ap	ρ_s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
38/40	152	5.9989E-04	2.53E+05	20.0	179.8	179.1	34.5	2.9	149.68	2.03	0.41

KL-9075	1	1.9414E-05	0.0221	0.0014	5	27	155	19.3	19.3	1.77	0.32
ζ _{MS}	2	1.1648E-05	0.0226	0.0012	6	113	179	62.6	44.4	2.57	0.31
8.2727	3	1.2134E-05	0.0376	0.0021	9	20	248	54.1	31.4	2.21	0.62
1σ(ζ _{MS})	3	9.7070E-06	0.0462	0.0023	13	117	105	55.1	31.9	1.71	0.22
0.1407	2	1.4561E-05	0.0257	0.0016	6	0	247	44.0	31.2	2.04	0.41
0	1.2134E-05	0.0079	0.0005	2	2	7	0.0	60.9	2.26	0.49	
3	1.2134E-05	0.0728	0.0037	14	4	67	28.0	16.3	1.82	0.45	
1	1.4561E-05	0.0056	0.0003	1	9	187	101.0	101.2	1.77	0.30	
36	7.7656E-06	0.4765	0.0231	102	269	154	80.0	14.0	2.74	0.76	
26	1.4561E-05	0.0723	0.0036	16	1	51	201.1	40.9	1.75	0.31	
0	7.7656E-06	0.0083	0.0005	2	5	146	0.0	90.9	2.38	0.26	
1	9.7070E-06	0.0170	0.0009	4	27	108	50.0	50.1	1.80	0.39	
5	1.7473E-05	0.0538	0.0027	12	29	52	43.8	19.7	2.69	0.51	
14	2.3297E-05	0.1601	0.0079	33	77	125	31.0	8.4	1.83	0.32	
0	9.7070E-06	0.0101	0.0006	2	70	150	0.0	59.3	1.86	0.53	
1	1.4561E-05	0.0097	0.0007	2	11	59	58.1	58.2	1.79	0.35	
0	1.4561E-05	0.0292	0.0020	6	20	90	0.0	13.8	1.45	0.25	
0	7.7656E-06	0.0026	0.0002	1	1	3	0.0	288.8	1.82	0.50	
4	1.4561E-05	0.2598	0.0132	57	88	355	8.7	4.4	1.77	0.30	
5	1.4561E-05	0.1804	0.0213	61	1743	0	15.7	7.3	2.27	0.47	
1	8.7363E-06	0.0190	0.0010	5	14	67	49.6	49.7	2.16	0.43	
1	7.7656E-06	0.0000	0.0000	0	5	138	n/a	n/a	2.00	0.57	
N	N_s	Ap	ρ_s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
21/22	108	2.7132E-04	3.98E+05	17.0	151.8	155.8	34.8	3.5	210.26	2.00	0.40

KL-11400	0	2.9121E-05	0.1272	0.0062	32	8	579	0.0	1.6	2.55	0.76
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ζ_{MS}	2	1.4561E-05	0.0264	0.0015	6	25	144	42.9	30.5	1.85	0.40	
8.2727	0	1.4561E-05	0.0069	0.0005	2	4	76	0.0	58.3	2.24	0.46	
$1\sigma(\zeta_{MS})$	0	3.8828E-05	0.0593	0.0030	14	2	520	0.0	2.5	1.60	0.53	
0.1407	7	2.3297E-05	0.0516	0.0027	13	38	190	48.0	18.3	2.00	0.46	
	2	4.8535E-05	0.0000	0.0000	0	0	0	n/a	n/a	1.90	0.35	
N	N_s	Ap	ρ_s		[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
5/6	9	1.2037E-04	7.48E+04		13.4	15.4	301.8	9.7	3.2	18.96	2.05	0.52

DD-700	10	1.4561E-05	0.0262	0.0015	5	9	261	213.3	68.6	2.07	0.42
ζ_{MS}	5	2.0385E-05	0.0114	0.0007	3	8	286	175.6	79.3	2.37	0.50
8.2727	2	1.9414E-05	0.0095	0.0006	2	9	123	88.8	63.1	2.23	0.68
$1\sigma(\zeta_{MS})$	9	5.8242E-06	0.2429	0.0122	35	168	470	52.4	17.7	2.10	0.58
0.1407	20	1.7473E-05	0.0943	0.0048	16	33	585	99.6	22.9	1.77	0.35
	10	7.2803E-06	0.0862	0.0045	17	3	133	130.5	41.9	1.85	0.53
	2	7.2803E-06	0.0201	0.0011	4	32	39	112.1	79.5	1.85	0.28
	3	1.4561E-05	0.0237	0.0014	5	43	308	71.5	41.5	1.99	0.40
	86	1.3590E-05	0.0787	0.0041	17	26	46	633.0	76.5	2.06	0.36
	9	3.8828E-05	0.0148	0.0008	3	7	235	128.3	43.4	2.09	0.45
	3	7.7656E-06	0.0364	0.0074	10	653	51	87.2	53.4	1.99	0.46
	12	8.7363E-06	0.0286	0.0086	7	453	269	385.1	160.6	1.65	0.31
	6	2.4268E-05	0.0335	0.0017	8	18	347	60.7	25.0	2.00	0.39
	8	4.8535E-05	0.0116	0.0007	3	6	146	116.7	42.0	2.13	0.42
	2	2.9121E-05	0.0125	0.0008	3	9	288	45.1	32.0	1.83	0.30
	17	1.6987E-05	0.0804	0.0040	20	9	299	102.2	25.4	2.07	0.41
	7	1.9414E-05	0.0223	0.0012	6	22	433	132.4	50.6	2.04	0.46
	4	1.7473E-05	0.0078	0.0006	3	10	203	237.5	120.1	2.19	0.48
	2	1.4561E-05	0.0023	0.0002	1	4	16	477.0	340.1	2.07	0.46
	14	8.7363E-06	0.0734	0.0036	22	38	362	178.1	48.5	2.06	0.53
	6	1.2134E-05	0.0133	0.0007	3	10	323	300.8	124.1	2.01	0.45
	41	1.1648E-05	0.3773	0.0185	118	10	194	76.7	12.6	1.95	0.38
	2	2.3782E-05	0.0091	0.0006	3	7	182	76.0	54.0	2.15	0.59
	9	1.7473E-05	0.0724	0.0055	3	39	11	58.6	20.1	2.11	0.37
	8	2.3297E-05	0.0137	0.0007	4	7	177	203.5	72.8	1.59	0.35
	9	1.2134E-05	0.0285	0.0015	8	43	203	212.0	71.6	2.11	0.41
	30	7.7656E-06	0.1051	0.0053	34	64	64	297.2	56.5	2.23	0.43
	21	7.7656E-06	0.1492	0.0073	39	142	431	148.2	33.2	2.80	0.57
	3	2.3297E-05	0.0358	0.0019	12	1	0	29.7	17.2	1.91	0.49
	2	1.3590E-05	0.0211	0.0013	7	28	76	57.5	40.8	1.95	0.56
	7	1.0192E-05	0.0302	0.0016	9	55	321	185.4	70.8	2.23	0.38
	1	1.2134E-05	0.0073	0.0005	2	4	13	93.0	93.2	1.93	0.35
	1	3.8828E-05	0.0078	0.0005	2	5	142	27.2	27.3	2.13	0.50
	4	1.5531E-05	0.0146	0.0008	4	2	387	144.3	72.6	1.93	0.46
	3	2.1841E-05	0.0076	0.0005	2	6	220	148.3	86.2	2.00	0.25
	4	1.7473E-05	0.0171	0.0010	5	19	130	109.7	55.3	2.74	0.56
	4	1.9414E-05	0.0198	0.0011	4	7	191	85.3	43.0	2.01	0.55
	49	2.4268E-05	0.0862	0.0043	23	1	258	191.0	29.1	2.52	0.57

	3	1.6987E-05	0.0142	0.0008	4	18	151	102.4	59.5	2.29	0.49	
	<i>l</i>	<i>2.4268E-05</i>	<i>0.0000</i>	<i>0.0000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>n/a</i>	<i>n/a</i>	<i>1.98</i>	<i>0.42</i>	
N	N _s	Ap	ρ _s		[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	438	6.8435E-04	6.40E+05		12.2	52.0	214.7	141.0	7.4	228.96	2.08	0.45

DD-3530	6	1.1648E-05	0.0498	0.0026	14	46	120	85.1	35.0	2.07	0.43	
ζ _{MS}	5	1.4561E-05	0.0138	0.0009	3	6	156	202.0	91.4	1.69	0.28	
8.2727	14	7.7656E-06	0.1096	0.0054	29	103	312	134.6	36.7	2.06	0.36	
1σ(ζ _{MS})	0	9.7070E-06	0.0030	0.0003	1	4	20	0.0	200.3	1.85	0.35	
0.1407	8	1.4561E-05	0.0882	0.0046	21	50	97	51.3	18.4	2.13	0.38	
	3	1.4561E-05	0.0084	0.0006	3	6	237	198.7	115.5	2.19	0.35	
	3	1.9414E-05	0.0079	0.0005	2	6	190	159.1	92.5	2.22	0.49	
	19	2.4268E-05	0.0485	0.0026	12	11	20	132.1	31.2	2.09	0.29	
	14	9.7070E-06	0.1100	0.0056	30	10	69	107.5	29.3	1.95	0.32	
	15	7.7656E-06	0.0793	0.0040	25	134	282	198.4	52.3	2.27	0.45	
	1	1.2134E-05	0.0758	0.0097	26	1270	618	9.0	9.1	2.39	0.61	
	106	1.1648E-05	0.7545	0.0376	164	91	457	99.0	10.9	2.06	0.37	
	0	2.3297E-05	0.0018	0.0006	0	1	14	0.0	145.2	2.10	0.39	
	21	1.1648E-05	0.2448	0.0131	36	25	38	60.6	13.7	2.09	0.41	
	4	1.9414E-05	0.0199	0.0011	6	17	186	85.0	42.8	2.44	0.54	
	2	9.7070E-06	0.0065	0.0004	2	4	138	258.2	183.3	2.00	0.35	
	4	1.1648E-05	0.0108	0.0007	3	6	197	256.7	129.4	2.37	0.41	
	4	3.1062E-05	0.0131	0.0008	4	8	173	81.1	40.8	2.14	0.55	
	26	2.3297E-05	0.0922	0.0048	23	22	56	99.4	20.2	2.09	0.36	
	8	1.9414E-05	0.0376	0.0020	10	7	54	90.0	32.2	1.98	0.41	
	7	2.3782E-05	0.0198	0.0012	5	15	412	121.8	46.6	1.71	0.35	
	7	1.7473E-05	0.0255	0.0016	6	14	284	128.8	49.4	2.22	0.68	
	18	1.3590E-05	0.1298	0.0068	26	78	363	83.8	20.3	2.36	0.59	
	10	2.9121E-05	0.0139	0.0008	4	6	128	201.5	64.8	1.97	0.34	
	89	1.2134E-05	0.7627	0.0424	156	131	293	79.1	9.6	2.15	0.51	
	0	1.0192E-05	0.0201	0.0059	15	221	0	0.0	29.1	1.60	0.36	
	2	1.2134E-05	0.0091	0.0005	3	0	7	148.0	105.0	1.62	0.41	
	4	1.1648E-05	0.0159	0.0009	4	9	268	176.6	89.0	2.10	0.35	
	55	1.1648E-05	0.5733	0.0288	147	82	363	67.8	9.8	1.94	0.34	
	2	2.9121E-05	0.0025	0.0002	1	0	32	227.1	162.1	2.12	0.42	
	14	1.3590E-05	0.0601	0.0032	16	10	18	140.2	38.3	2.05	0.57	
	4	1.3104E-05	0.0116	0.0009	2	10	9	214.4	108.4	1.88	0.41	
	7	1.5531E-05	0.0147	0.0009	3	19	142	248.6	95.2	2.28	0.62	
	3	1.1648E-05	0.6499	0.1644	14	627	258	3.3	2.1	2.43	0.45	
	3	3.1062E-05	0.0107	0.0007	3	6	92	74.4	43.2	2.30	0.39	
	103	1.1648E-05	0.8809	0.0444	197	164	192	82.5	9.2	2.24	0.45	
	21	1.1648E-05	0.1456	0.0076	27	36	50	101.6	22.9	1.84	0.34	
	13	1.9414E-05	0.0598	0.0031	14	47	410	92.0	26.0	2.23	0.54	
	13	1.1648E-05	0.1163	0.0061	36	166	336	78.9	22.3	2.42	0.61	
	<i>0</i>	<i>9.7070E-06</i>	<i>0.0000</i>	<i>0.0000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>n/a</i>	<i>n/a</i>	<i>1.94</i>	<i>0.60</i>	
N	N _s	Ap	ρ _s		[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]

39/40	638	6.1736E-04	1.03E+06	28.0	88.9	181.8	79.8	4.3	125.18	2.09	0.43
DD-4965	1	1.2134E-05	0.0089	0.0005	2	0	115	76.4	76.5	1.97	0.33
ζ_{MS}	12	1.2134E-05	0.1287	0.0069	26	144	155	63.2	18.6	2.15	0.51
8.2727	9	1.2134E-05	0.0452	0.0024	8	36	100	134.4	45.4	2.60	0.48
$1\sigma(\zeta_{MS})$	45	1.7473E-05	0.1077	0.0054	27	4	435	194.9	30.8	2.09	0.31
0.1407	9	9.7070E-06	0.0351	0.0019	9	28	186	214.8	72.6	1.77	0.29
	4	2.0385E-05	0.1216	0.0124	6	91	79	13.3	6.8	2.28	0.45
	38	7.7656E-06	0.1368	0.0067	34	6	324	289.3	49.3	2.54	0.62
	36	1.2134E-05	0.0631	0.0031	15	68	248	377.8	66.0	2.61	0.67
	22	3.1062E-05	0.0128	0.0007	3	10	114	443.4	98.2	2.92	0.74
	20	1.4561E-05	0.0725	0.0037	21	10	193	154.8	35.6	2.29	0.48
	34	7.2803E-06	0.2001	0.0103	49	93	100	190.2	34.2	2.04	0.46
	8	1.5531E-05	0.0089	0.0006	3	8	173	462.3	166.4	2.32	0.51
	37	1.7473E-05	0.1107	0.0055	25	93	214	156.4	27.0	2.09	0.42
	4	1.5531E-05	0.0096	0.0006	1	4	193	218.8	110.2	2.09	0.67
	12	1.7473E-05	0.1524	0.0080	32	16	378	37.2	10.9	1.98	0.36
	6	1.1648E-05	0.0659	0.0036	11	51	118	64.3	26.5	2.08	0.35
	14	1.4561E-05	0.1561	0.0076	36	1	181	50.8	13.8	2.27	0.45
	9	1.4561E-05	0.0432	0.0023	8	24	305	117.3	39.6	2.04	0.34
	12	1.2134E-05	0.0126	0.0007	3	30	178	617.3	181.9	2.64	0.50
	63	7.7656E-06	0.4094	0.0206	73	182	160	161.9	22.1	2.07	0.37
	22	7.2803E-06	0.0846	0.0045	21	2	196	288.8	63.6	2.04	0.46
	8	1.1648E-05	0.0937	0.0053	27	116	52	60.3	21.6	2.12	0.40
	1	9.7070E-06	0.0062	0.0004	1	3	164	135.6	136.0	2.14	0.45
	2	9.7070E-06	0.0792	0.0044	21	49	12	21.5	15.2	2.05	0.35
	12	1.1648E-05	0.1285	0.0186	29	153	670	66.0	21.3	2.03	0.34
	12	1.3590E-05	0.0374	0.0020	8	21	146	192.3	56.5	2.79	0.61
	2	1.4561E-05	0.0138	0.0008	3	3	104	81.8	58.0	2.11	0.51
	20	2.9121E-05	0.0163	0.0009	3	12	295	340.2	78.8	2.12	0.44
	42	1.7473E-05	0.0682	0.0037	17	33	47	285.4	46.9	2.48	0.68
	5	1.4561E-05	0.0224	0.0014	4	54	158	125.6	56.8	2.22	0.62
	20	5.8242E-06	0.5616	0.0704	125	1045	424	50.4	12.9	2.37	0.41
	13	1.0192E-05	0.0624	0.0034	18	25	800	166.8	47.2	1.92	0.46
	13	1.9414E-05	0.1013	0.0053	21	35	271	54.5	15.4	2.05	0.38
	30	1.7473E-05	0.0616	0.0032	13	49	168	226.7	43.2	2.43	0.56
	28	7.7656E-06	0.0640	0.0124	238	212	223	449.7	121.8	2.71	0.59
	2	1.5531E-05	0.0108	0.0006	2	11	187	97.6	69.2	2.04	0.41
	80	7.7656E-06	0.3869	0.0191	89	244	65	216.6	26.7	2.40	0.63
	37	2.4268E-05	0.1046	0.0052	28	68	33	119.5	20.6	2.31	0.51
	18	1.1648E-05	0.0317	0.0018	9	73	147	391.4	95.0	2.33	0.42
	23	1.2134E-05	0.0814	0.0043	19	15	129	189.8	40.9	2.15	0.41
N	N_s	Ap	ρ_s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
40/40	785	5.5476E-04	1.42E+06	27.2	78.1	206.0	143.4	6.1	291.61	2.24	0.47

DD-5920	3	1.7473E-05	0.0225	0.0013	6	64	376	62.8	36.4	1.90	0.45
ζ_{MS}	51	2.3297E-05	0.1095	0.0057	19	168	151	163.3	24.5	1.98	0.32
8.2727	8	9.7070E-06	0.0352	0.0019	7	43	164	191.0	68.4	2.21	0.38
$1\sigma(\zeta_{MS})$	12	2.6209E-05	0.0123	0.0006	3	8	214	301.9	88.8	2.27	0.38
0.1407	42	8.7363E-06	0.3305	0.0192	47	96	132	119.2	19.8	2.14	0.51
	5	1.4561E-05	0.0200	0.0011	4	38	70	140.8	63.5	1.84	0.36
	13	9.7070E-06	0.0686	0.0035	16	55	405	159.6	45.1	1.96	0.44
	16	3.3975E-05	0.0256	0.0015	5	20	232	150.4	38.8	2.91	0.76
	6	1.1648E-05	0.0267	0.0015	6	34	88	157.7	65.0	3.18	0.46
	4	1.2134E-05	0.0895	0.0045	20	2	257	30.4	15.3	1.87	0.36
	10	1.4561E-05	0.0351	0.0018	8	38	95	159.9	51.3	2.97	0.84
	75	1.7473E-05	0.1446	0.0071	31	47	184	241.0	30.5	2.29	0.52
	21	1.7473E-05	0.1179	0.0060	23	20	60	83.8	18.8	2.12	0.46
	5	1.4561E-05	0.3887	0.0426	69	210	162	7.3	3.4	2.04	0.52
	8	1.7473E-05	0.0167	0.0010	4	12	176	223.2	80.2	2.28	0.63
	31	1.4561E-05	0.0666	0.0034	13	107	216	259.3	48.6	3.06	1.04
	16	7.2803E-06	0.7911	0.0946	24	49	0	22.9	6.4	2.19	0.41
	3	2.6209E-05	0.0119	0.0007	3	8	240	79.0	45.9	2.27	0.63
	7	9.7070E-06	0.9590	0.0753	219	803	914	6.2	2.4	2.68	0.47
N	N_s	Ap	ρ_s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
19/19	336	3.0675E-04	1.10E+06	27.7	95.9	217.7	74.5	4.9	206.64	2.32	0.52

BG-2075

ζ_{MS}	5	2.0385E-05	0.0098	0.0006	3	8	319	204.4	92.4	1.80	0.34
8.2727	27	2.9121E-05	0.0940	0.0049	19	22	63	81.1	16.2	1.88	0.30
$1\sigma(\zeta_{MS})$	1	7.7656E-06	0.0527	0.0035	3	5	18	20.2	20.2	1.63	0.35
0.1407	9	7.7656E-06	0.0560	0.0030	12	43	175	168.9	57.1	1.82	0.29
N	N_s	Ap	ρ_s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
4/4	42	6.5037E-05	6.46E+05	9.3	19.5	143.8	91.3	14.6	206.19	1.78	0.32

BG-5620

	24	1.1648E-05	0.1855	0.0092	39	91	104	91.2	19.2	2.21	0.49
ζ_{MS}	23	1.7473E-05	0.0766	0.0038	17	10	302	140.7	30.3	1.99	0.44
8.2727	8	1.6987E-05	0.0101	0.0006	3	1	15	375.0	134.8	1.75	0.40
$1\sigma(\zeta_{MS})$	33	3.8828E-05	0.0192	0.0012	4	15	216	356.6	66.1	2.31	0.46
0.1407	13	1.4561E-05	0.0304	0.0017	7	13	121	238.9	67.7	2.22	0.38
	33	1.9414E-05	0.0295	0.0016	8	40	243	459.4	84.2	2.95	0.78
	7	1.4561E-05	0.0072	0.0004	2	17	150	527.2	202.0	2.48	0.57
	44	2.4268E-05	0.0376	0.0020	9	30	192	386.9	62.3	2.23	0.56
	7	4.8535E-05	0.0082	0.0005	2	24	58	144.1	55.3	2.09	0.36
	2	9.7070E-06	0.0092	0.0005	2	6	167	183.3	130.1	2.19	0.39
	4	3.8828E-05	0.0154	0.0020	3	0	91	55.1	28.5	2.25	0.41
	13	1.1648E-05	0.0203	0.0012	5	26	136	440.3	124.9	2.53	0.41
	5	9.7070E-06	0.0613	0.0032	12	125	270	69.1	31.1	2.00	0.38
	29	4.3682E-06	0.0816	0.0041	21	26	409	639.9	123.6	2.46	0.57
	44	1.7473E-05	0.1017	0.0054	30	65	47	201.7	32.4	2.07	0.33
	7	8.7363E-06	0.0880	0.0046	19	93	221	74.9	28.6	2.32	0.38

	17	1.7473E-05	0.1107	0.0055	26	50	255	72.3	17.9	1.58	0.30	
	0	1.2134E-05	0.0049	0.0004	1	2	255	0.0	97.4	1.95	0.41	
N	N _s	Ap	ρ _s		[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
18/18	313	3.3635E-04	9.31E+05		11.7	35.2	180.7	192.4	11.8	155.57	2.20	0.45

BG-6175	3	1.7473E-05	0.0125	0.0007	3	8	131	112.4	65.2	2.53	0.57	
ζ _{MS}	8	7.2803E-06	0.0605	0.0149	14	2235	95	148.6	64.0	1.93	0.41	
8.2727	26	1.7473E-05	0.2140	0.0107	54	6	85	57.3	11.6	2.04	0.48	
1σ(ζ _{MS})	1	7.7656E-06	0.0000	0.0000	0	3	126	n/a	n/a	1.93	0.42	
0.1407	7	4.3682E-06	0.0059	0.0004	1	0	372	1922.1	737.8	2.12	0.43	
	5	5.8242E-06	0.0089	0.0039	2	1082	61	750.3	471.5	1.94	0.46	
N	N _s	Ap	ρ _s		[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
3/6	50	6.0184E-05	8.31E+05		12.3	555.7	145.0	91.8	13.8	73.24	2.12	0.43

PC-4470	33	4.8535E-05	0.0929	0.0047	23	80	684	60.3	11.0	1.94	0.36
ζ _{MS}	36	3.3975E-05	0.0706	0.0036	19	104	262	123.0	21.5	2.27	0.41
8.2727	12	2.0870E-05	0.0659	0.0034	15	35	275	71.8	21.1	2.14	0.51
1σ(ζ _{MS})	3	1.0192E-05	0.0315	0.0018	6	22	195	76.8	44.6	2.08	0.40
0.1407	8	1.6987E-05	0.0410	0.0020	10	24	227	94.4	33.7	2.48	0.59
	8	1.3590E-05	0.0431	0.0022	9	1	28	112.1	40.1	2.23	0.47
	9	2.0385E-05	0.0461	0.0025	11	25	552	78.8	26.7	2.17	0.47
	12	1.5531E-05	0.0511	0.0027	12	4	168	123.9	36.4	1.91	0.57
	4	1.5531E-05	0.0082	0.0005	2	6	243	253.8	128.0	1.95	0.30
	11	3.8828E-05	0.0349	0.0018	8	20	184	66.9	20.5	2.08	0.51
	9	3.1062E-05	0.0367	0.0020	8	19	160	64.9	21.9	2.28	0.49
	5	1.3590E-05	0.1587	0.0079	25	93	519	19.1	8.6	2.21	0.36
	3	1.2134E-05	0.0232	0.0012	5	13	335	87.4	50.7	2.16	0.51
	7	1.1648E-05	0.1027	0.0053	19	38	320	48.2	18.4	2.00	0.35
	1	2.9121E-05	0.0065	0.0004	3	1	67	43.5	43.6	2.16	0.53
	5	2.9121E-05	0.0232	0.0012	6	13	198	60.9	27.5	2.47	0.46
	4	2.3782E-05	0.0157	0.0010	4	10	210	88.3	44.5	2.32	0.66
	3	7.7656E-06	0.0632	0.0034	13	177	144	50.4	29.2	2.03	0.51
	10	2.3297E-05	0.0534	0.0027	13	47	354	66.1	21.2	2.14	0.35
	17	5.8242E-06	0.3356	0.0169	81	120	718	71.5	17.8	1.87	0.45
	18	1.7473E-05	0.1185	0.0060	23	51	387	71.5	17.3	2.14	0.25
	8	1.5531E-05	0.0282	0.0015	6	27	202	149.2	53.4	2.31	0.48
	1	1.7473E-05	0.0068	0.0005	3	105	67	69.2	69.4	2.12	0.37
	4	1.9414E-05	0.0268	0.0015	7	15	179	63.2	31.8	2.15	0.38
	1	1.9414E-05	0.0086	0.0006	3	8	209	49.3	49.4	2.13	0.27
	2	7.7656E-06	0.0418	0.0022	11	28	517	50.7	36.0	1.78	0.37
	2	2.0385E-05	0.0212	0.0012	6	18	318	38.2	27.1	2.13	0.32
	13	2.9121E-05	0.0350	0.0019	9	31	358	104.6	29.6	2.23	0.45
	6	1.1648E-05	0.0681	0.0035	18	38	280	62.3	25.7	2.04	0.42
	13	2.1841E-05	0.0631	0.0034	14	30	266	77.5	21.9	2.02	0.42
	14	1.7473E-05	0.0777	0.0041	21	62	356	84.7	23.1	2.30	0.62

16	4.8535E-05	0.0315	0.0018	8	15	156	86.1	22.1	2.39	0.48	
7	1.4561E-05	0.0516	0.0027	11	39	563	76.7	29.3	2.33	0.36	
4	1.4561E-05	0.1285	0.0253	17	153	49	17.7	9.5	2.00	0.47	
45	1.7473E-05	0.1096	0.0056	28	534	884	191.5	30.4	2.41	0.41	
14	4.3682E-05	0.0237	0.0013	7	16	159	111.0	30.3	2.41	0.47	
3	5.8242E-06	0.8443	0.1618	101	794	0	5.0	3.1	2.22	0.35	
17	1.7473E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.40	0.53	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
36/38	368	7.5812E-04	4.85E+05	13.4	56.2	299.8	78.5	4.5	74.88	2.16	0.44

PC-5185	2	9.7070E-06	0.0105	0.0006	3	11	378	160.3	113.8	1.84	0.33
ζ _{MS}	51	1.7473E-05	0.1439	0.0071	36	155	92	165.6	24.8	2.05	0.39
8.2727	153	3.8828E-05	0.3840	0.0188	89	49	943	84.3	8.1	2.17	0.47
1σ(ζ _{MS})	42	1.9414E-05	0.1253	0.0062	27	7	433	141.3	23.0	1.80	0.42
0.1407	8	1.1648E-05	0.1027	0.0051	26	47	308	55.1	19.7	2.13	0.51
	70	3.8828E-05	0.1002	0.0050	23	1	121	147.1	19.2	1.93	0.37
	11	1.1648E-05	0.0608	0.0032	15	7	222	127.2	39.0	2.18	0.41
	118	3.1062E-05	0.1454	0.0072	31	44	315	212.6	22.5	2.14	0.41
	6	2.9121E-05	0.0178	0.0011	5	14	378	94.9	39.2	2.01	0.28
	8	2.3297E-05	0.0616	0.0032	16	17	26	46.0	16.4	1.89	0.49
	12	1.9414E-05	0.0713	0.0036	16	27	197	71.3	20.9	2.13	0.36
	32	4.8535E-05	0.0316	0.0016	8	15	5	170.4	31.5	1.78	0.35
	30	3.8828E-05	0.0680	0.0036	17	27	165	93.4	17.8	2.32	0.41
	38	4.3682E-05	0.0726	0.0038	18	15	226	98.4	16.9	1.88	0.35
	33	1.1648E-05	0.3226	0.0158	51	880	303	72.3	13.1	2.52	0.68
	82	3.1062E-05	0.0796	0.0041	18	64	148	268.8	33.0	1.94	0.42
	126	3.8828E-05	0.0876	0.0045	25	1	508	299.4	31.2	2.20	0.36
	27	2.9121E-05	0.0929	0.0049	22	36	164	82.1	16.4	2.37	0.41
	9	3.1062E-05	0.0201	0.0011	5	10	246	118.0	39.9	2.05	0.45
	4	1.4561E-05	0.0301	0.0018	9	25	322	75.1	37.8	2.08	0.38
	99	3.8828E-05	0.1182	0.0059	30	9	447	176.0	20.0	1.77	0.32
	40	4.8535E-05	0.0781	0.0040	20	34	158	86.7	14.5	2.26	0.34
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
22/22	1001	6.2513E-04	1.60E+06	23.2	68.0	277.5	130.7	5.1	192.61	2.07	0.41

PC-5650	9	9.7070E-06	0.1408	0.0070	38	25	222	54.2	18.3	2.22	0.53
ζ _{MS}	31	2.9121E-05	0.0873	0.0045	23	7	368	100.1	18.8	1.91	0.36
8.2727	72	7.7656E-06	0.5713	0.0279	137	63	422	132.9	17.1	2.07	0.47
1σ(ζ _{MS})	2	1.1648E-05	0.0065	0.0004	2	2	0	215.5	153.0	1.71	0.41
0.1407	29	2.4268E-05	0.0290	0.0015	7	26	572	331.8	64.2	2.14	0.41
	13	7.7656E-06	0.0227	0.0014	6	25	176	584.0	166.1	2.53	0.57
	84	1.1648E-05	0.1770	0.0088	37	22	413	328.6	39.8	2.04	0.55
	55	3.8828E-05	0.1266	0.0064	31	34	262	91.9	13.3	1.90	0.46
	54	7.7656E-06	0.1031	0.0051	28	2	246	535.4	78.1	2.29	0.50
	78	1.7473E-05	0.1922	0.0096	45	53	438	189.4	23.7	2.01	0.48

36	9.7070E-06	0.0798	0.0049	22	229	954	373.3	66.5	1.88	0.44	
5	7.7656E-06	0.0148	0.0008	4	1	157	350.1	157.8	1.87	0.43	
26	3.1062E-05	0.0200	0.0013	6	2	98	336.6	69.8	2.13	0.49	
3	2.3782E-05	0.0091	0.0005	2	19	71	113.4	65.9	2.32	0.45	
36	1.1648E-05	0.0933	0.0050	25	20	367	268.3	47.2	1.99	0.42	
49	1.5531E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.19	0.49	
15	7.2803E-06	0.0000	0.0000	0	0	0	n/a	n/a	2.13	0.39	
4	2.9121E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.50	0.44	
14	1.7473E-05	0.0000	0.0000	0	0	0	n/a	n/a	1.83	0.35	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
15/19	533	2.4995E-04	2.13E+06	27.5	35.3	317.7	186.9	9.3	168.79	2.07	0.46

PC-6460	3	1.2134E-05	0.0037	0.0004	1	0	14	524.4	307.9	1.89	0.51
ζ _{MS}	35	2.4268E-05	0.0319	0.0016	8	47	127	363.8	64.6	2.49	0.30
8.2727	32	3.3975E-05	0.0293	0.0015	7	31	292	260.3	48.2	2.18	0.49
1σ(ζ _{MS})	23	1.7473E-05	0.0547	0.0028	13	2	255	196.2	42.3	2.17	0.53
0.1407	4	4.8535E-05	0.0024	0.0002	1	1	28	275.5	139.4	1.87	0.39
	3	2.9121E-05	0.0018	0.0002	1	1	15	460.8	271.4	1.80	0.52
	1	1.4561E-05	0.0022	0.0002	1	0	104	255.3	256.9	1.86	0.30
	7	7.2803E-06	0.0288	0.0016	7	1	34	270.6	103.4	2.17	0.45
	3	1.2134E-05	0.0077	0.0005	2	31	327	260.9	151.6	1.97	0.43
	10	9.7070E-06	0.0213	0.0014	5	24	310	387.4	125.2	2.07	0.47
	32	7.7656E-06	0.1833	0.0093	26	12	234	183.4	33.9	2.21	0.55
	26	4.8535E-05	0.0115	0.0007	3	25	561	375.3	77.3	1.93	0.31
	6	1.9414E-05	0.0178	0.0010	5	8	136	142.3	58.7	2.27	0.50
	16	1.4561E-05	0.0188	0.0010	5	17	82	466.5	119.6	2.40	0.57
	11	2.3297E-05	0.0053	0.0004	2	4	10	692.5	216.0	2.06	0.33
	13	1.2134E-05	0.0399	0.0021	10	3	225	218.4	61.8	1.92	0.33
	0	9.7070E-06	0.0042	0.0005	1	0	125	0.0	142.4	2.06	0.37
	2	2.3297E-05	0.0043	0.0003	1	1	333	163.4	116.2	2.09	0.45
47	1.0192E-05	0.0000	0.0000	0	0	0	n/a	n/a	1.71	0.41	
10	7.7656E-06	0.0000	0.0000	0	0	0	n/a	n/a	2.13	0.40	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
18/20	227	3.6790E-04	6.17E+05	5.5	11.6	178.4	269.3	19.1	47.32	2.08	0.43

PC-10065	1	1.1648E-05	0.0159	0.0005	3	22	158	66.2	66.3	2.03	0.46
ζ _{MS}	0	1.2134E-05	0.0558	0.0018	12	64	196	0.0	12.9	2.23	0.41
12.357	6	1.2134E-05	0.1289	0.0039	28	206	103	47.2	19.4	2.09	0.59
1σ(ζ _{MS})	1	1.2134E-05	0.0713	0.0226	16	332	225	14.3	15.0	1.97	0.41
0.2251	2	3.1062E-05	2.7502	0.7556	25	1284	524	0.3	0.2	2.10	0.60
	3	1.4561E-05	0.0401	0.0011	9	60	136	63.3	36.6	1.80	0.29
	1	7.7656E-06	0.2871	0.0078	55	70	128	5.5	5.5	1.89	0.33
	2	1.4561E-05	0.0662	0.0019	13	77	450	25.6	18.1	2.15	0.36
	0	1.1648E-05	0.1903	0.0049	41	72	223	0.0	3.9	2.22	0.54
	68	3.8828E-05	0.1275	0.0282	40	181	132	167.6	42.4	2.15	0.51

5	1.7473E-05	0.1703	0.0055	37	160	213	20.7	9.3	1.99	0.30	
14	1.2134E-05	0.1647	0.0042	35	127	119	86.0	23.1	2.19	0.54	
4	2.9121E-05	0.0882	0.0024	19	141	117	19.2	9.6	1.97	0.41	
1	2.3782E-05	0.0816	0.0023	18	110	19	6.4	6.4	1.74	0.29	
3	1.7473E-05	0.3367	0.0088	71	111	74	6.3	3.6	1.80	0.38	
1	1.7473E-05	0.2487	0.0064	56	70	282	2.8	2.8	1.73	0.35	
1	1.9414E-05	0.0306	0.0010	7	58	51	20.8	20.8	1.94	0.26	
3	1.9414E-05	0.1196	0.0036	25	32	162	15.9	9.2	2.04	0.25	
2	1.7473E-05	0.0707	0.0019	16	176	67	20.0	14.1	1.69	0.30	
1	2.9121E-05	0.0973	0.0027	19	19	104	4.4	4.4	1.98	0.55	
0	2.3297E-05	0.0315	0.0010	6	49	110	0.0	11.9	1.72	0.44	
1	2.9121E-05	0.2252	0.0079	48	10	213	1.9	1.9	1.98	0.45	
0	1.9414E-05	0.0742	0.0019	16	48	156	0.0	6.1	2.07	0.38	
1	1.4561E-05	0.2625	0.0073	59	204	72	3.2	3.2	1.80	0.57	
1	2.3782E-05	0.0324	0.0012	7	43	164	16.0	16.0	1.93	0.41	
6	1.4561E-05	0.0678	0.0023	14	55	256	74.7	30.6	2.05	0.31	
0	2.9121E-05	0.4023	0.1254	0	0	0	0.0	0.8	2.25	0.53	
1	1.3104E-05	0.0279	0.0009	6	37	31	33.7	33.7	1.97	0.30	
2	2.7180E-05	0.0684	0.0020	15	155	180	13.3	9.4	1.84	0.36	
0	1.1648E-05	0.1302	0.0042	29	124	132	0.0	5.8	1.53	0.49	
1	7.7656E-06	0.0220	0.0011	5	43	182	71.8	71.9	1.93	0.46	
0	1.4561E-05	0.0464	0.0015	10	72	99	0.0	12.9	1.96	0.36	
1	2.0385E-05	0.0078	0.0080	0	44	140	77.2	110.4	1.91	0.27	
31	1.5531E-05	0.2726	0.0069	56	202	452	89.8	16.4	1.98	0.42	
3	2.4268E-05	0.1099	0.0037	20	51	143	13.9	8.0	2.08	0.32	
2	2.3297E-05	0.2669	0.0074	52	60	318	4.0	2.8	1.93	0.30	
27	<i>1.1648E-05</i>	<i>0.0235</i>	<i>0.0008</i>	<i>5</i>	<i>40</i>	<i>34</i>	<i>1117.3</i>	<i>219.1</i>	<i>2.38</i>	<i>0.65</i>	
60	<i>1.4561E-05</i>	<i>0.0487</i>	<i>0.0027</i>	<i>9</i>	<i>68</i>	<i>136</i>	<i>968.7</i>	<i>136.9</i>	<i>2.28</i>	<i>0.43</i>	
88	<i>1.5531E-05</i>	<i>0.0477</i>	<i>0.0015</i>	<i>10</i>	<i>71</i>	<i>117</i>	<i>1322.8</i>	<i>148.8</i>	<i>2.28</i>	<i>0.40</i>	
9	<i>1.4561E-05</i>	<i>0.0000</i>	<i>0.0000</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>n/a</i>	<i>n/a</i>	<i>2.38</i>	<i>0.67</i>	
N	N _s	Ap	p _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
36/40	169	6.8095E-04	2.48E+05	24.7	126.9	170.3	12.3	2.0	225.21	1.96	0.40

C3-107	15	2.9121E-05	0.0271	0.0017	4	27	133	155.2	41.3	2.03	0.44
ζ _{MS}	38	4.3682E-05	0.0899	0.0034	14	94	233	79.5	13.3	2.20	0.45
8.2727	16	1.7473E-05	0.0366	0.0016	5	32	131	203.7	51.8	1.94	0.51
1σ(ζ _{MS})	19	2.9121E-05	0.0584	0.0025	9	57	172	91.7	21.5	1.99	0.42
0.1407	14	3.3975E-05	0.0262	0.0012	4	24	90	128.9	35.0	2.32	0.41
	20	4.8535E-05	0.0229	0.0010	4	21	116	147.1	33.6	1.81	0.33
	14	4.8535E-05	0.0180	0.0010	3	13	93	130.9	35.8	2.17	0.52
	1	3.1062E-05	0.0116	0.0007	1	5	98	23.0	23.0	2.03	0.35
	70	4.8535E-05	0.1532	0.0056	17	161	218	77.4	9.8	1.91	0.36
	23	3.8828E-05	0.0765	0.0030	10	70	173	63.7	13.6	2.40	0.37
	20	3.8828E-05	0.0422	0.0021	7	39	132	100.2	23.0	2.36	0.51
	34	3.3975E-05	0.0869	0.0035	15	90	169	94.6	16.7	2.58	0.59
	32	3.8828E-05	0.0773	0.0035	11	68	177	87.6	16.0	2.53	0.40

17	3.3975E-05	0.0250	0.0017	3	14	96	163.6	41.4	2.10	0.40	
37	4.3682E-05	0.0325	0.0016	5	31	155	212.2	36.6	2.08	0.38	
15	3.3975E-05	0.0500	0.0028	1	20	60	72.6	19.2	2.27	0.35	
43	4.8535E-05	0.0562	0.0024	6	36	164	129.1	20.6	2.25	0.44	
30	3.3975E-05	0.1030	0.0043	14	102	245	70.6	13.3	2.39	0.46	
35	3.8828E-05	0.0558	0.0026	6	26	110	132.4	23.3	2.26	0.44	
26	3.8828E-05	0.0413	0.0017	7	46	134	132.7	26.7	2.01	0.36	
27	3.3975E-05	0.1212	0.0051	11	92	249	54.0	10.7	2.41	0.47	
28	3.8828E-05	0.0803	0.0030	11	82	230	73.8	14.3	2.10	0.42	
22	4.3682E-05	0.0392	0.0017	6	43	134	105.5	23.0	2.21	0.35	
22	2.9121E-05	0.0430	0.0017	6	42	132	143.6	31.2	2.54	0.46	
50	3.8828E-05	0.0761	0.0030	6	41	141	138.5	20.5	2.06	0.37	
38	2.9121E-05	0.1337	0.0053	18	166	293	80.2	13.5	2.64	0.49	
34	3.8828E-05	0.0732	0.0031	10	79	233	98.2	17.4	2.25	0.35	
23	4.8535E-05	0.0369	0.0017	5	29	120	105.5	22.6	2.13	0.46	
28	3.3975E-05	0.0623	0.0023	9	69	191	108.5	21.0	2.34	0.49	
18	4.3682E-05	0.0718	0.0034	4	28	104	47.3	11.4	2.46	0.49	
21	3.3975E-05	0.0528	0.0024	6	35	140	96.1	21.5	2.13	0.38	
12	2.9121E-05	0.0221	0.0011	3	16	92	152.4	44.7	2.14	0.45	
9	4.3682E-05	0.0172	0.0007	3	14	112	98.4	33.1	2.12	0.41	
21	3.3975E-05	0.0232	0.0010	3	19	96	216.4	48.2	2.54	0.46	
41	3.8828E-05	0.0927	0.0035	11	69	209	93.5	15.1	2.69	0.46	
17	3.3975E-05	0.0270	0.0014	3	12	75	151.5	37.6	2.19	0.46	
58	4.8535E-05	0.0541	0.0019	6	36	146	180.1	24.7	2.39	0.51	
27	3.3975E-05	0.0527	0.0022	8	46	112	123.5	24.4	1.96	0.39	
23	2.9121E-05	0.0261	0.0011	4	24	118	246.1	52.5	2.34	0.43	
34	4.8535E-05	0.0804	0.0033	6	42	162	71.7	12.7	2.18	0.43	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
40/40	1072	1.5046E-03	7.12E+05	7.1	49.0	149.7	101.4	3.6	145.78	2.24	0.43

C3-177	27	1.3590E-05	0.1817	0.0069	15	116	71	89.8	17.7	2.16	0.35
ζ _{MS}	0	2.9121E-05	0.0024	0.0002	0	0	3	0.0	84.5	1.58	0.53
8.2727	16	1.4561E-05	0.0691	0.0030	7	40	121	130.2	33.1	2.27	0.47
1σ(ζ _{MS})	6	2.4268E-05	0.0090	0.0006	1	8	171	222.8	92.3	2.36	0.30
0.1407	12	2.9121E-05	0.0091	0.0006	1	7	174	364.3	108.4	1.92	0.40
	4	2.3782E-05	0.0134	0.0008	2	8	138	103.1	52.0	2.18	0.49
	8	1.7473E-05	0.0610	0.0028	6	40	216	61.7	22.0	1.65	0.43
	21	2.9121E-05	0.0149	0.0010	2	26	28	387.6	88.4	2.02	0.37
	4	2.9121E-05	0.0083	0.0007	1	5	228	135.5	68.6	2.33	0.42
	7	2.4268E-05	0.0262	0.0011	4	22	144	90.3	34.4	2.37	0.50
	29	1.7473E-05	0.1062	0.0037	13	9	80	128.0	24.3	2.36	0.45
	2	2.9121E-05	0.0114	0.0011	1	11	145	49.8	35.6	2.07	0.42
	3	1.4561E-05	0.0071	0.0006	1	5	169	234.4	136.7	2.00	0.46
	11	2.9121E-05	0.0535	0.0023	5	17	133	58.1	17.7	2.17	0.51
	62	1.1648E-05	0.5267	0.0188	75	234	280	83.1	11.1	2.19	0.38
	6	1.4561E-05	0.0122	0.0007	2	9	183	273.6	112.8	2.32	0.44

10	3.8828E-05	0.0095	0.0005	1	8	131	219.6	70.6	1.74	0.33	
2	1.1648E-05	0.0150	0.0009	2	9	150	94.0	66.7	1.85	0.28	
69	1.9414E-05	0.3970	0.0142	36	18	85	73.6	9.3	2.27	0.41	
94	1.5531E-05	0.0309	0.0015	4	11	189	1444.8	166.9	2.03	0.41	
9	2.9121E-05	0.0156	0.0008	2	11	148	162.2	54.7	1.87	0.34	
2	1.4561E-05	0.0088	0.0016	3	58	52	127.4	93.0	1.91	0.26	
16	3.8828E-05	0.0389	0.0017	5	63	141	87.0	22.1	1.86	0.41	
2	2.4268E-05	0.0721	0.0132	17	71	95	9.5	6.9	1.80	0.41	
3	1.6987E-05	0.0077	0.0005	1	7	173	186.9	108.7	1.84	0.50	
14	2.9121E-05	0.0329	0.0055	3	6	157	119.8	37.7	2.17	0.41	
2	2.9121E-05	0.0097	0.0007	1	6	102	58.1	41.3	1.84	0.34	
32	1.4561E-05	0.1107	0.0038	15	28	63	162.2	29.3	2.03	0.34	
4	3.8828E-05	0.0061	0.0004	1	6	150	138.4	69.9	2.07	0.36	
6	2.4268E-05	0.0072	0.0006	1	6	131	278.6	116.0	2.16	0.30	
4	2.9121E-05	0.0090	0.0006	1	8	151	124.8	63.0	1.96	0.41	
17	1.5531E-05	0.0883	0.0031	13	11	190	101.8	25.0	1.74	0.38	
5	2.4268E-05	0.0079	0.0004	1	7	111	212.5	95.7	1.76	0.52	
25	1.2134E-05	0.1202	0.0047	18	61	79	140.3	28.7	2.40	0.48	
3	2.4268E-05	0.0062	0.0005	1	6	144	163.2	95.2	2.32	0.32	
9	2.4268E-05	0.0143	0.0006	2	16	28	211.2	71.1	1.89	0.36	
12	3.3975E-05	0.0123	0.0005	2	6	77	233.6	68.3	2.27	0.38	
53	2.9121E-05	0.1043	0.0038	15	53	241	142.8	20.4	2.29	0.51	
44	1.4561E-05	0.2088	0.0072	27	24	338	118.6	18.5	2.11	0.39	
15	2.9121E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.52	0.61	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	655	9.0324E-04	7.25E+05	7.9	27.1	138.7	124.4	5.5	534.83	2.05	0.40

C7-51-rep-1	5	2.3297E-05	0.0414	0.0016	5	2	18	42.8	19.2	1.85	0.25
ζ _{MS}	103	2.9121E-05	0.2815	0.0092	40	103	57	103.1	10.8	2.17	0.56
8.2727	3	1.7473E-05	0.0045	0.0005	1	5	122	310.8	183.1	1.99	0.27
1σ(ζ _{MS})	22	2.9121E-05	0.0088	0.0006	1	12	198	677.0	152.3	1.87	0.39
0.1407	25	3.1062E-05	0.1105	0.0041	15	9	29	60.0	12.2	1.89	0.40
	0	1.9414E-05	0.0029	0.0016	0	0	98	0.0	112.7	1.69	0.30
	5	2.9121E-05	0.0285	0.0028	6	120	64	49.6	22.7	2.32	0.31
	23	2.9121E-05	0.0925	0.0033	13	90	137	70.2	14.9	2.03	0.30
	2	4.8535E-05	0.0033	0.0002	1	0	76	102.4	72.8	1.89	0.25
	80	7.7656E-06	0.4956	0.0172	57	43	112	169.7	20.1	1.82	0.41
	2	3.3975E-05	0.0061	0.0004	1	0	89	79.6	56.5	1.87	0.35
	5	3.1062E-05	0.0239	0.0012	4	26	124	55.5	25.0	2.36	0.44
	8	1.7473E-05	0.0177	0.0010	2	8	115	210.1	75.3	1.93	0.39
	130	3.8828E-05	0.1155	0.0043	17	2	107	235.5	22.8	1.87	0.35
	2	1.9414E-05	0.0044	0.0004	1	0	77	189.2	135.1	1.70	0.27
	4	4.3682E-05	0.0019	0.0003	0	14	122	377.3	195.5	1.90	0.28
	17	2.4268E-05	0.0512	0.0023	10	38	120	112.2	27.7	2.36	0.53
	7	2.3297E-05	0.0113	0.0008	1	8	125	216.3	83.4	1.86	0.44
	12	4.8535E-05	0.0257	0.0012	3	11	133	79.1	23.2	1.93	0.31

20	3.3975E-05	0.1153	0.0038	14	26	236	42.1	9.5	1.95	0.30	
27	2.6209E-05	0.0543	0.0023	7	62	45	155.0	30.6	1.90	0.41	
8	1.7473E-05	0.1002	0.0037	12	7	21	37.7	13.4	1.85	0.34	
1	3.3975E-05	0.0023	0.0003	0	0	33	107.2	108.3	1.92	0.46	
14	3.3975E-05	0.0183	0.0012	3	10	35	183.4	50.5	1.90	0.34	
114	3.8828E-05	0.7284	0.0277	47	155	137	33.3	3.4	2.01	0.45	
8	3.8828E-05	0.0066	0.0005	1	3	138	253.4	91.8	1.98	0.33	
113	3.8828E-05	0.0487	0.0020	7	7	30	476.0	49.5	2.21	0.57	
12	1.5531E-05	0.0362	0.0016	5	24	213	174.0	50.9	2.64	0.58	
3	3.8828E-05	0.2400	0.0125	2	1	55	2.7	1.5	1.79	0.41	
11	4.8535E-05	0.0183	0.0009	3	2	153	101.7	31.1	1.96	0.31	
14	2.3297E-05	0.0709	0.0024	9	78	37	69.8	18.8	2.09	0.46	
2	2.4268E-05	0.0109	0.0005	2	14	75	62.3	44.2	2.38	0.62	
96	1.5531E-05	0.1357	0.0048	19	12	79	366.2	40.0	2.18	0.47	
17	1.7473E-05	0.0905	0.0036	10	166	415	88.3	21.8	2.10	0.35	
3	2.3297E-05	0.0432	0.0022	4	10	33	24.6	14.3	1.99	0.35	
29	3.1062E-05	0.1464	0.0050	15	12	104	52.6	10.0	2.17	0.26	
5	3.1062E-05	0.0366	0.0017	5	23	16	36.3	16.3	2.05	0.34	
38	1.7473E-05	0.2161	0.0085	26	124	147	82.7	13.9	1.87	0.41	
6	2.9121E-05	0.0389	0.0018	4	25	169	43.7	18.0	1.96	0.41	
0	2.4268E-05	0.0000	0.0000	0	0	0	n/a	n/a	2.24	0.41	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	996	1.1221E-03	8.88E+05	9.6	32.1	105.0	85.8	3.3	735.84	2.01	0.38

C7-51-rep-2	3	1.1648E-05	0.0131	0.0004	3	4	21	238.2	137.7	1.69	0.30
ζ _{MS}	2	4.8535E-05	0.0099	0.0004	2	2	7	51.0	36.1	2.09	0.35
12.357	12	2.3297E-05	0.0062	0.0002	1	12	77	950.3	277.2	1.69	0.22
1σ(ζ _{MS})	6	7.7656E-06	0.0321	0.0010	7	3	101	290.8	119.2	1.96	0.26
0.2251	32	1.4561E-05	0.2019	0.0976	20	1079	619	133.1	68.5	1.96	0.41
	8	1.7473E-05	0.4099	0.0120	86	261	11	13.8	4.9	1.76	0.35
	1	1.2134E-05	0.0964	0.0292	11	2122	639	10.6	11.0	1.71	0.34
	2	4.3682E-05	0.0035	0.0022	1	28	139	157.9	147.7	1.79	0.44
	2	1.9414E-05	0.0105	0.0005	2	27	40	120.1	85.1	2.00	0.41
	27	1.7473E-05	0.0276	0.0010	5	10	408	656.3	129.0	1.66	0.36
	2	2.0385E-05	0.1588	0.0068	26	57	95	7.6	5.4	1.83	0.51
	2	2.0385E-05	0.0059	0.0003	1	9	18	203.5	144.2	1.90	0.30
	18	1.7473E-05	0.0350	0.0014	9	137	84	354.0	84.9	1.82	0.40
	16	3.8828E-05	0.0654	0.0021	14	6	108	77.4	19.6	1.52	0.33
	18	2.3297E-05	0.0952	0.0026	20	47	489	99.5	23.7	1.96	0.36
	29	2.9121E-05	0.0691	0.0026	15	96	434	175.6	33.5	1.97	0.33
	1	1.1648E-05	0.1346	0.0050	25	165	571	7.9	7.9	1.61	0.38
	25	2.9121E-05	0.0225	0.0011	4	2	243	455.1	94.0	1.85	0.31
	4	2.7180E-05	0.0633	0.0018	13	79	452	28.7	14.4	1.99	0.39
	10	1.7473E-05	0.0252	0.0010	5	154	459	274.7	87.7	2.16	0.47
	22	2.3297E-05	0.0345	0.0010	7	38	137	329.2	71.1	2.01	0.46
	53	1.4561E-05	0.1307	0.0048	29	48	106	335.4	48.1	1.81	0.46

1	1.4561E-05	0.5471	0.0223	93	73	387	1.6	1.6	1.81	0.33	
6	1.7473E-05	0.0137	0.0005	2	5	3	302.5	124.1	2.06	0.47	
16	1.7473E-05	0.0409	0.0014	8	36	97	271.1	68.6	1.97	0.48	
6	2.4268E-05	0.0628	0.0017	13	21	63	48.5	19.9	1.73	0.35	
24	1.9414E-05	0.0339	0.0011	6	42	76	435.0	90.3	1.74	0.30	
3	1.4561E-05	0.1742	0.0055	37	72	472	14.6	8.4	1.98	0.46	
28	9.7070E-06	0.0384	0.0011	8	3	1	866.6	166.3	1.90	0.41	
23	1.2134E-05	0.3112	0.0101	64	38	105	74.8	15.9	1.81	0.46	
5	2.4268E-05	0.1921	0.0055	44	422	207	13.2	5.9	2.03	0.38	
7	1.4561E-05	0.0659	0.0016	14	2	17	89.5	33.9	1.89	0.31	
29	2.3782E-05	0.1173	0.0035	24	1	206	127.2	24.0	1.74	0.42	
200	2.9121E-05	0.3271	0.0086	69	278	69	254.4	19.8	2.00	0.45	
12	1.4561E-05	0.7305	0.0194	149	69	170	13.9	4.0	1.91	0.48	
22	3.3975E-05	0.1104	0.0032	23	169	406	72.1	15.6	1.70	0.35	
18	3.3975E-05	0.1159	0.0042	24	56	68	56.3	13.5	1.94	0.34	
8	2.7180E-05	0.0651	0.0020	13	4	88	55.6	19.8	1.63	0.39	
23	1.3590E-05	0.0199	0.0010	4	0	4	971.7	208.9	1.89	0.45	
0	1.7473E-05	0.0000	0.0000	0	0	0	n/a	n/a	1.74	0.50	
N	N _s	Ap	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
39/40	726	8.3336E-04	8.71E+05	23.1	145.6	197.4	102.2	4.6	656.07	1.86	0.38

C53-15	20	2.3782E-05	0.0446	0.0017	7	53	121	154.2	35.1	1.95	0.41
ζ _{MS}	43	3.3975E-05	0.0861	0.0035	13	69	324	120.4	19.1	2.16	0.48
8.2727	16	3.3975E-05	0.0285	0.0012	4	18	149	135.3	34.4	2.09	0.51
1σ(ζ _{MS})	22	2.9121E-05	0.0588	0.0023	10	103	116	105.4	22.9	2.40	0.48
0.1407	27	3.8828E-05	0.0631	0.0026	8	93	151	90.5	17.9	2.10	0.51
	21	2.3297E-05	0.0836	0.0036	8	78	94	88.6	19.8	2.11	0.43
	6	2.4268E-05	0.0215	0.0010	2	6	112	94.6	38.9	2.07	0.38
	13	1.6987E-05	0.0530	0.0020	9	54	132	118.4	33.2	2.25	0.53
	41	4.8535E-05	0.0793	0.0030	8	100	125	87.5	14.1	2.28	0.49
	22	3.3975E-05	0.0814	0.0034	9	108	134	65.5	14.3	1.77	0.43
	30	3.3975E-05	0.0535	0.0025	8	101	133	135.1	25.6	2.41	0.61
	22	2.9121E-05	0.0563	0.0021	8	101	130	110.1	23.9	2.52	0.51
	26	3.3975E-05	0.0625	0.0021	8	49	168	100.5	20.1	1.81	0.43
	36	4.8535E-05	0.0583	0.0026	8	94	154	104.4	18.1	2.04	0.33
	4	3.8828E-05	0.0071	0.0005	1	4	108	119.6	60.4	1.81	0.30
	33	2.9121E-05	0.1076	0.0042	12	168	156	86.6	15.5	2.30	0.36
	24	3.8828E-05	0.0484	0.0018	7	35	174	104.7	21.8	1.81	0.41
	25	3.3975E-05	0.0556	0.0025	8	94	112	108.6	22.4	2.45	0.59
	26	2.4268E-05	0.0682	0.0026	10	95	283	128.6	25.8	2.49	0.36
	5	2.7180E-05	0.0163	0.0008	2	13	231	92.8	41.8	2.09	0.34
	29	4.8535E-05	0.0457	0.0017	6	42	192	107.2	20.4	2.00	0.36
	20	2.9121E-05	0.0576	0.0029	8	93	117	98.0	22.5	2.03	0.44
	6	4.3682E-05	0.0124	0.0006	2	10	126	91.2	37.5	1.96	0.43
	21	3.8828E-05	0.0637	0.0026	6	63	265	69.9	15.6	2.01	0.46
	2	3.3975E-05	0.0072	0.0004	1	5	183	67.3	47.7	2.06	0.37

21	3.8828E-05	0.0551	0.0022	6	37	159	80.7	18.0	2.10	0.41	
5	3.3975E-05	0.0046	0.0005	1	4	137	257.5	118.7	1.72	0.36	
26	2.6209E-05	0.0817	0.0030	8	94	117	99.7	20.0	2.69	0.54	
27	2.9121E-05	0.0769	0.0029	11	71	184	98.9	19.5	2.43	0.46	
28	2.9121E-05	0.0622	0.0022	7	81	118	126.7	24.5	2.34	0.41	
13	2.9121E-05	0.0349	0.0296	8	107	150	104.9	93.5	2.26	0.36	
34	3.8828E-05	0.0638	0.0025	9	96	145	112.5	19.9	2.05	0.47	
14	2.3297E-05	0.0229	0.0011	3	15	86	214.0	58.2	2.33	0.57	
36	3.3975E-05	0.0655	0.0025	8	93	135	132.4	22.7	2.50	0.40	
17	2.9121E-05	0.0610	0.0028	6	25	170	78.7	19.5	2.37	0.46	
9	2.9121E-05	0.0500	0.0021	7	69	118	50.9	17.1	2.55	0.40	
32	3.8828E-05	0.0961	0.0034	9	93	138	70.6	12.8	1.78	0.39	
32	2.9121E-05	0.0839	0.0032	12	156	281	107.5	19.5	2.73	0.51	
21	3.1062E-05	0.0590	0.0025	8	70	146	94.1	21.0	2.20	0.36	
39	2.9121E-05	0.9519	0.0384	21	69	243	11.6	1.9	2.11	0.48	
N	N _s	A _p	ρ _s	[U]	[Th]	[Sm]	Pooled Age	1 SE	Q	[Dpar]	[Dper]
40/40	894	1.3075E-03	6.84E+05	7.4	68.2	157.9	75.3	3.1	211.38	2.18	0.44

Abbreviations from Table DR2. Italicized grains discarded from age calculations and modeling.

Table DR5. Apatite Fission Track Length Measurements

	Length (μm)	Angle ($^{\circ}$)	Dpar (μm)	Dper (μm)
CJ-2450	15.67	67.21	1.95	0.43
	13.75	36.26	1.95	0.43
	13.90	86.64	1.95	0.43
	14.64	35.77	1.95	0.43
	15.72	31.24	1.95	0.43
	13.46	56.90	1.95	0.43
	13.37	40.10	1.95	0.43
	13.32	87.58	1.95	0.43
	13.99	45.02	1.95	0.43
	14.61	69.12	1.95	0.43
	13.57	58.75	2.39	0.54
	12.72	53.64	2.39	0.54
	12.45	51.68	2.39	0.54
	15.09	17.27	2.51	0.60
	14.77	73.66	2.52	0.45
	16.10	76.28	2.52	0.45
	14.97	57.73	2.52	0.45
	15.45	60.86	2.52	0.45
	15.34	35.29	2.18	0.40
	13.44	50.23	2.18	0.40
	14.90	47.71	2.18	0.40
	16.06	47.94	2.18	0.40
	15.41	34.29	2.18	0.40
	15.25	49.71	2.55	0.51
	15.24	33.65	2.55	0.51
	15.03	58.34	2.55	0.51
	13.53	73.26	2.05	0.33
	14.35	40.58	2.05	0.33
	13.23	43.71	2.05	0.33
	13.79	61.34	2.05	0.33
	12.97	41.03	2.05	0.33
	13.75	52.63	2.05	0.33
	14.68	86.71	2.05	0.33
	14.40	89.14	2.23	0.62
	13.71	78.07	2.23	0.62
	15.59	30.66	2.23	0.62
	11.07	88.89	2.23	0.62
	14.56	45.49	2.23	0.62
	14.34	42.58	2.23	0.62
	15.08	14.50	2.23	0.62
	14.89	32.78	2.34	0.52
	14.70	46.84	2.34	0.52
	14.39	79.29	2.34	0.52
	15.34	69.79	2.34	0.52

13.30	73.33	2.34	0.52
14.41	52.92	2.34	0.52
13.75	56.55	2.34	0.52
14.35	79.45	2.34	0.52
15.81	68.42	2.34	0.52
15.57	43.71	2.34	0.52
14.46	55.84	1.83	0.42
14.90	36.86	1.83	0.42
16.54	60.17	4.26	0.92
7.83	72.15	4.26	0.92
8.91	68.17	4.26	0.92
10.18	82.77	4.26	0.92
14.83	61.26	4.26	0.92
16.25	65.50	2.14	0.38
16.43	41.21	2.14	0.38
16.18	13.74	2.14	0.38
15.78	41.24	2.54	0.41
14.10	56.88	2.54	0.41
13.89	74.06	2.54	0.41
13.47	61.75	2.54	0.41
14.29	41.02	2.54	0.41
14.36	34.62	2.54	0.41
14.28	86.56	2.32	0.43
14.56	70.88	2.16	0.42
15.51	22.49	2.16	0.42
15.10	35.48	2.16	0.42
14.85	70.88	2.16	0.42
14.48	74.67	2.35	0.44
14.93	57.94	2.35	0.44
15.18	42.67	2.35	0.44
6.40	81.15	2.35	0.44
13.57	44.58	2.35	0.44
14.94	39.22	2.53	0.41
13.82	61.54	2.53	0.41
11.13	58.94	2.53	0.41
15.15	74.84	2.28	0.52
15.84	33.87	2.28	0.52
14.07	41.85	2.28	0.52
11.90	85.57	2.21	0.36
15.40	33.97	2.21	0.36
15.77	74.46	2.65	0.71
15.09	29.76	2.65	0.71
13.92	64.62	2.65	0.71
14.01	40.72	2.65	0.71
15.81	31.21	2.65	0.71
14.77	53.25	2.77	0.59
15.11	54.31	2.77	0.59

13.68	80.14	2.77	0.59
13.82	78.57	2.77	0.59
15.00	54.79	2.77	0.59
14.77	49.16	2.48	0.47
14.43	68.85	2.48	0.47
14.21	68.37	2.78	0.51
14.28	16.78	2.78	0.51
14.88	55.56	2.78	0.51
16.61	54.37	2.78	0.51
14.47	66.25	2.78	0.51
15.57	69.59	2.78	0.51
15.19	47.12	2.78	0.51
15.15	44.48	2.78	0.51
14.12	41.48	2.78	0.51
14.71	54.50	2.78	0.51
15.16	51.68	1.91	0.30
15.87	35.17	1.91	0.30
15.67	49.66	2.15	0.35
15.97	18.54	2.15	0.35
13.70	58.94	2.15	0.35
14.37	49.64	2.04	0.45
12.78	74.89	2.04	0.45
13.92	64.74	2.20	0.33
14.17	63.66	2.71	0.65
14.04	40.77	2.71	0.65
11.98	73.98	2.71	0.65
13.31	59.41	2.71	0.65
15.78	49.47	2.29	0.57
14.13	15.34	2.58	0.75
14.47	72.07	2.58	0.75
13.18	70.90	2.58	0.75
15.41	41.16	1.96	0.40
15.83	37.05	1.96	0.40
13.28	56.65	1.96	0.40
12.18	61.52	1.96	0.40
14.26	46.85	1.96	0.40
14.59	66.55	2.28	0.57
13.59	47.46	2.28	0.57
13.17	46.58	2.28	0.57
12.81	44.96	2.28	0.57
15.56	14.78	2.28	0.57
14.62	62.55	2.28	0.57
14.74	29.43	2.28	0.57
12.47	48.60	2.28	0.57
14.37	77.90	2.28	0.57
12.84	80.02	2.15	0.46
14.07	44.46	2.15	0.46

14.90	64.48	2.21	0.50
15.76	31.49	2.21	0.50
15.82	52.83	2.51	0.44
15.10	29.44	2.51	0.44
16.63	46.62	2.51	0.44
14.70	35.43	2.51	0.44
14.48	63.33	2.51	0.44
14.89	65.24	2.51	0.44
14.83	52.01	2.19	0.50
15.49	61.91	1.87	0.38
15.25	46.92	1.87	0.38
15.49	54.63	2.54	0.54
13.44	34.89	2.54	0.54
15.03	37.92	2.54	0.54
14.08	65.39	2.54	0.54
11.05	67.76	1.88	0.35
12.73	87.65	1.88	0.35
13.93	67.81	2.09	0.58
16.26	36.88	2.09	0.58
13.81	39.59	2.09	0.58
12.96	73.80	2.72	0.57
16.15	27.44	2.72	0.57
14.82	48.40	2.33	0.37
12.93	80.78	2.33	0.37
12.26	56.60	2.33	0.37
14.33	63.41	2.33	0.37
13.18	87.21	2.33	0.37
17.02	33.07	2.33	0.37
14.15	40.69	2.33	0.37
13.01	89.63	2.27	0.51
15.20	44.37	2.27	0.51
14.34	76.71	2.27	0.51
12.20	74.33	2.27	0.51
15.93	2.44	2.27	0.51
14.92	39.76	2.27	0.51
16.03	58.49	2.02	0.47
15.28	60.79	2.02	0.47
15.61	39.08	2.18	0.40
13.14	66.69	2.38	0.40
14.62	46.75	2.63	0.65
14.10	86.76	2.63	0.65
12.80	73.23	2.63	0.65
14.86	43.23	2.41	0.52
12.19	48.64	2.41	0.52
12.60	66.58	2.96	0.74
13.65	43.35	2.04	0.51
14.08	65.89	2.04	0.51

13.55	76.84	2.04	0.51
12.54	45.70	2.04	0.51
9.86	45.41	2.04	0.51
12.18	81.84	2.04	0.51
15.92	26.30	2.04	0.51
13.44	47.03	2.04	0.51
14.68	75.51	2.04	0.51
14.24	37.16	2.32	0.41
14.80	33.63	2.32	0.41
13.20	50.19	2.32	0.41
13.69	67.92	2.32	0.41
13.99	50.35	2.32	0.41
14.43	35.32	2.32	0.41
15.24	30.07	2.32	0.41
14.73	59.45	2.32	0.41
13.17	61.05	2.32	0.41
14.07	66.51	2.32	0.41
14.46	50.43	2.32	0.41
15.24	59.06	2.32	0.41
14.80	44.00	2.32	0.41
11.20	75.25	2.32	0.41
14.31	56.73	2.32	0.41
13.80	62.59	2.32	0.41
13.64	41.30	2.32	0.41
13.84	60.44	2.32	0.41

CJ-3505	15.48	39.99	3.01	1.05
	14.85	67.75	3.01	1.05
	13.96	68.05	3.01	1.05
	15.48	65.57	3.01	1.05
	15.27	61.92	3.01	1.05
	13.56	42.12	3.01	1.05
	12.53	40.89	3.01	1.05
	12.90	75.78	3.01	1.05
	14.91	47.56	3.01	1.05
	15.38	79.07	3.01	1.05
	14.41	70.59	3.01	1.05
	14.37	35.03	3.01	1.05
	12.92	70.42	3.01	1.05
	16.10	41.26	3.01	1.05
	15.11	28.33	3.01	1.05
	15.75	86.87	3.01	1.05
	16.03	43.79	3.01	1.05
	14.96	14.63	3.01	1.05
	16.74	36.35	3.01	1.05
	14.31	49.20	3.01	1.05

14.93	62.91	3.01	1.05
14.01	37.65	3.01	1.05
14.39	55.66	3.01	1.05
15.84	81.03	3.01	1.05
14.89	54.32	3.01	1.05
15.96	66.82	3.01	1.05
15.08	73.97	3.01	1.05
15.52	71.02	3.01	1.05
15.43	6.52	3.01	1.05
12.96	59.29	3.17	0.68
12.70	61.55	3.17	0.68
12.92	29.44	2.75	0.68
15.56	16.69	2.75	0.68
12.89	68.65	2.75	0.68
16.32	17.39	2.75	0.68
14.84	36.23	3.19	1.22
14.51	59.65	3.19	1.22
13.92	58.84	3.19	1.22
13.19	76.22	3.19	1.22
13.31	35.46	2.72	0.85
14.21	55.97	2.72	0.85
13.20	68.17	2.72	0.85
12.30	73.28	2.72	0.85
14.17	60.20	2.72	0.85
12.87	44.74	2.72	0.85
15.59	64.00	2.72	0.85
15.07	73.46	2.72	0.85
15.69	70.41	2.72	0.85
14.90	49.08	2.72	0.85
14.62	40.13	2.72	0.85
14.43	74.31	2.72	0.85
14.57	57.35	2.72	0.85
14.78	69.66	2.72	0.85
15.50	13.98	2.72	0.85
14.22	70.37	2.72	0.85
14.39	51.52	2.72	0.85
14.10	81.40	2.72	0.85
14.31	65.04	2.27	0.47
12.94	68.47	2.68	0.44
13.15	80.85	2.76	0.70
13.90	76.36	2.76	0.70
14.03	63.66	2.76	0.70
13.69	51.78	2.60	0.57
14.74	66.29	3.46	0.89
15.44	40.06	3.46	0.89
15.70	42.80	3.46	0.89
15.71	69.64	3.46	0.89

15.06	45.38	3.46	0.89
16.22	44.21	3.46	0.89
16.01	55.60	3.46	0.89
15.22	51.62	3.46	0.89
15.39	47.27	3.46	0.89
16.12	75.81	3.46	0.89
16.45	31.19	3.46	0.89
14.78	47.45	3.46	0.89
13.72	80.15	2.64	0.84
12.22	50.44	2.64	0.84
12.16	68.25	2.64	0.84
13.05	79.54	2.37	0.60
13.25	42.65	2.37	0.60
12.44	52.35	2.37	0.60
13.15	82.21	2.47	0.47
14.57	36.50	1.96	0.36
8.68	83.97	1.96	0.36
15.45	34.23	3.62	0.90
14.29	68.82	3.62	0.90
13.82	52.11	3.62	0.90
16.40	44.52	3.62	0.90
14.90	43.37	3.62	0.90
15.01	38.78	3.62	0.90
14.91	53.77	3.62	0.90
16.52	73.66	3.62	0.90
15.60	28.45	3.62	0.90
17.03	45.52	3.62	0.90
15.16	33.84	3.62	0.90
14.27	72.91	3.62	0.90
13.36	25.11	3.62	0.90
15.15	46.40	3.62	0.90
13.79	44.25	3.62	0.90
13.19	73.51	3.62	0.90
15.04	61.40	3.62	0.90
14.45	42.81	3.62	0.90
15.23	57.65	3.62	0.90
16.39	51.03	3.62	0.90
15.45	44.16	3.62	0.90
14.65	79.29	3.62	0.90
14.98	27.32	3.62	0.90
13.84	48.72	3.62	0.90
15.14	47.13	3.62	0.90
16.24	51.20	3.62	0.90
15.40	80.53	3.62	0.90
14.87	59.20	3.62	0.90
14.88	54.83	3.62	0.90
12.22	50.39	3.62	0.90

15.68	35.76	3.62	0.90
14.75	52.98	3.62	0.90
11.65	57.93	3.62	0.90
14.61	48.32	3.62	0.90
14.25	42.13	2.38	0.56
14.49	47.88	2.38	0.56
12.00	63.93	2.38	0.56
15.75	32.25	2.38	0.56
14.45	52.16	2.38	0.56
14.10	82.88	2.38	0.56
14.48	30.87	2.38	0.56
15.55	22.73	2.38	0.56
15.19	49.82	1.97	0.33
14.59	52.70	1.97	0.33
15.32	35.79	1.97	0.33
16.24	24.48	3.66	0.84
10.30	59.55	3.66	0.84
12.45	76.19	3.66	0.84
16.75	53.42	3.66	0.84
14.73	78.31	3.66	0.84
14.04	72.07	3.66	0.84
17.13	45.79	3.66	0.84
12.97	76.87	3.66	0.84
14.37	70.21	3.66	0.84
14.57	34.48	2.52	0.44
13.85	70.79	2.52	0.44
13.49	54.10	2.52	0.44
14.84	64.21	2.52	0.44
15.34	42.46	2.52	0.44
13.90	44.97	2.52	0.44
15.22	56.16	2.52	0.44
15.61	57.15	3.96	1.02
15.17	55.63	3.96	1.02
15.36	49.86	2.37	0.44
13.38	63.70	2.37	0.44
14.00	52.59	2.37	0.44
15.48	30.72	3.32	0.68
15.35	67.38	3.32	0.68
14.58	73.25	3.32	0.68
15.10	38.56	3.32	0.68
15.54	60.11	3.32	0.68
15.81	42.23	3.32	0.68
12.88	48.51	3.32	0.68
15.80	58.98	3.32	0.68
16.17	47.97	3.32	0.68
14.71	79.64	3.32	0.68
14.85	64.09	3.32	0.68

14.54	76.11	3.32	0.68
15.26	52.39	3.32	0.68
13.32	78.67	3.32	0.68
14.12	37.02	3.32	0.68
15.81	16.80	3.32	0.68
14.05	58.42	3.32	0.68
12.69	54.98	3.32	0.68
12.50	81.79	3.32	0.68
14.78	38.63	3.83	0.79
15.71	41.60	3.83	0.79
15.62	48.82	3.83	0.79
14.73	85.27	3.83	0.79
13.49	45.72	3.83	0.79
14.76	64.82	3.83	0.79
13.78	54.41	3.83	0.79
15.46	51.64	3.83	0.79
12.90	51.39	3.83	0.79
13.11	65.30	3.83	0.79
15.95	47.20	3.83	0.79
13.41	70.83	3.83	0.79
8.74	49.35	2.22	0.55
12.15	81.80	2.22	0.55
14.42	79.66	2.22	0.55
12.96	64.08	2.22	0.55
14.62	44.05	2.42	0.43
13.64	56.96	2.42	0.43
13.88	53.70	2.42	0.43
14.60	67.79	2.24	0.51
14.94	61.56	2.24	0.51
14.49	85.71	2.24	0.51
14.97	61.74	2.24	0.51
13.42	56.49	2.24	0.51
13.38	52.57	2.24	0.51
14.94	60.98	2.24	0.51
13.99	53.63	2.41	0.44
14.55	69.71	2.41	0.44
13.21	57.88	2.41	0.44
15.17	54.42	2.32	0.54
17.95	34.34	2.32	0.54
14.75	49.01	2.32	0.54
13.53	53.40	2.32	0.54
17.34	34.76	2.32	0.54

CJ-4495	12.68	55.63	1.92	0.32
	13.38	33.85	1.92	0.32
	13.77	75.15	1.92	0.32

13.06	74.95	1.92	0.32
14.99	19.78	1.92	0.32
13.74	71.45	1.92	0.32
13.21	70.49	2.04	0.39
11.76	85.36	2.04	0.39
14.88	66.54	2.09	0.51
14.12	66.44	2.48	0.63
15.82	70.36	2.48	0.63
15.06	21.23	2.48	0.63
16.09	14.38	2.48	0.63
13.65	86.23	2.48	0.63
14.55	52.97	2.48	0.63
15.19	40.12	2.48	0.63
14.52	50.35	2.48	0.63
14.25	48.14	2.48	0.63
13.49	63.79	2.48	0.63
14.24	44.42	2.48	0.63
14.23	71.81	2.48	0.63
14.99	48.89	2.48	0.63
14.70	81.28	2.48	0.63
13.51	74.46	2.48	0.63
13.71	52.61	2.48	0.63
14.15	43.43	2.48	0.63
13.03	75.21	2.13	0.49
11.25	40.83	2.13	0.49
13.74	40.15	2.13	0.49
13.06	49.27	2.13	0.49
12.05	43.73	2.13	0.49
13.13	69.64	2.13	0.49
14.69	51.15	2.13	0.49
13.72	37.45	2.50	0.56
14.13	47.88	2.50	0.56
15.98	30.87	2.50	0.56
13.01	47.44	2.57	0.44
12.57	67.42	2.57	0.44
13.60	62.72	2.48	0.35
16.21	41.86	2.48	0.35
15.51	40.09	2.48	0.35
13.78	73.02	2.60	0.41
13.13	66.00	2.60	0.41
14.64	33.30	2.60	0.41
13.23	66.02	2.38	0.46
13.82	37.68	2.18	0.36
14.60	81.47	2.34	0.51
13.97	37.53	2.46	0.34
14.57	53.45	2.46	0.34
12.72	73.24	2.46	0.34

13.68	72.93	2.46	0.34
12.69	84.99	2.46	0.34
13.77	76.08	2.46	0.34
14.43	41.28	2.46	0.34
14.85	45.05	2.46	0.34
13.48	63.16	2.46	0.34
12.58	67.04	2.46	0.34
13.48	35.09	2.46	0.34
14.38	41.73	2.46	0.34
15.22	51.23	2.46	0.34
13.25	34.64	2.46	0.34
12.99	41.89	2.51	0.42
14.04	88.62	2.51	0.42
13.59	61.32	2.51	0.42
15.63	16.60	2.47	0.34
14.41	22.55	2.80	0.70
15.10	49.57	2.80	0.70
13.30	80.04	2.80	0.70
13.23	50.70	2.80	0.70
14.08	71.02	2.47	0.56
13.65	60.46	2.47	0.56
12.32	77.23	2.47	0.56
13.99	39.55	2.67	0.67
12.23	72.84	2.67	0.67
13.63	89.34	2.67	0.67
11.66	68.50	2.67	0.67
15.65	35.67	2.70	0.50
9.98	57.41	2.70	0.50
12.97	89.43	2.51	0.48
8.23	66.98	2.51	0.48
10.81	74.52	2.51	0.48
15.18	24.41	2.42	0.43
14.92	31.40	2.42	0.43
14.84	56.79	2.42	0.43
13.31	81.78	2.42	0.43
14.08	59.36	2.42	0.43
14.38	49.13	2.42	0.43
84.65	35.68	2.23	0.51
16.50	24.23	2.23	0.51
13.64	53.16	2.41	0.50
12.49	39.51	2.41	0.50
13.89	56.51	2.41	0.50
14.08	61.84	2.13	0.46
13.20	49.31	2.13	0.46
13.09	35.10	2.27	0.47
12.23	50.38	2.27	0.47
12.89	48.61	2.27	0.47

13.04	62.39	2.05	0.38
9.97	54.44	2.05	0.38
12.42	46.01	2.05	0.38
12.88	69.10	2.61	0.45
12.57	37.04	2.61	0.45
15.10	48.09	2.46	0.51
13.98	33.66	2.46	0.51
13.68	41.80	2.46	0.51
9.43	72.51	2.46	0.51
11.47	48.41	1.97	0.57
12.08	30.49	1.97	0.57
12.20	52.22	2.37	0.52
12.56	52.11	2.04	0.25
12.65	49.57	2.04	0.25
14.01	17.15	2.04	0.25
14.50	66.31	2.29	0.60
14.06	52.17	2.29	0.60
11.05	45.75	2.22	0.42
12.43	53.95	2.22	0.42
14.14	36.55	2.22	0.42
11.49	79.50	2.22	0.42
10.40	69.88	2.22	0.42
13.51	53.71	2.22	0.42
13.97	64.87	2.18	0.39
13.33	32.87	2.18	0.39
11.70	51.30	2.18	0.39
14.21	21.96	2.46	0.52
13.99	80.06	2.35	0.40
13.13	62.61	2.74	0.55
15.22	41.43	2.74	0.55
12.58	68.93	2.74	0.55
14.16	35.39	2.74	0.55
13.80	87.95	2.74	0.55
13.80	40.68	2.74	0.55
10.99	67.42	2.74	0.55
14.44	62.30	2.74	0.55
13.59	76.93	2.74	0.55
14.51	48.03	2.74	0.55
13.94	55.35	2.74	0.55
14.38	87.81	2.36	0.36
13.48	48.07	2.36	0.36
14.06	68.33	2.36	0.36
13.55	43.45	2.36	0.36
12.89	86.36	2.28	0.46
14.23	66.28	2.28	0.46
13.80	43.71	2.28	0.46
10.76	74.07	2.07	0.29

13.45	53.04	2.56	0.56
13.19	64.88	2.71	0.70
15.09	47.32	2.71	0.70
12.24	52.88	2.55	0.57
14.22	79.93	2.34	0.35
14.79	44.61	2.34	0.35
11.66	47.97	2.18	0.51
11.56	53.34	2.18	0.51
12.84	56.99	2.50	0.41
12.49	55.46	2.50	0.41
12.90	58.25	2.50	0.41
11.52	75.06	2.50	0.41
13.17	74.48	2.50	0.41
14.00	28.24	2.50	0.41
12.74	71.86	2.50	0.41
15.24	81.72	1.99	0.42
12.20	47.76	1.99	0.42
11.84	68.16	2.20	0.48
15.50	64.93	2.63	0.50
14.04	64.38	2.63	0.50
14.38	22.44	2.41	0.55
14.16	27.70	2.41	0.55
12.20	54.88	2.41	0.55
12.56	31.73	2.10	0.46
14.77	33.90	2.10	0.46
13.10	63.81	2.10	0.46
11.82	85.26	2.10	0.46
13.52	56.20	2.21	0.42
12.91	39.53	2.21	0.42
12.26	56.75	2.07	0.37
12.38	39.83	2.07	0.37
13.04	46.57	2.00	0.33
15.20	34.07	2.61	0.41
12.65	58.66	2.66	0.52
13.48	43.16	2.66	0.52
13.45	39.83	2.66	0.52
13.47	41.74	2.66	0.52
14.37	60.12	2.20	0.34
13.90	26.78	1.99	0.41
14.97	43.14	1.99	0.41
9.20	62.69	1.99	0.41
12.25	71.74	2.41	0.32
11.83	44.89	2.41	0.32
11.82	51.26	2.41	0.32
13.76	61.80	2.56	0.50
14.15	58.93	2.56	0.50
12.10	60.06	2.56	0.50

11.58	65.59	2.64	0.68
11.43	37.22	2.64	0.68
13.66	40.70	2.81	0.40
12.99	38.50	2.81	0.40
12.58	41.99	2.81	0.40
12.51	76.23	2.81	0.40
15.32	61.60	2.81	0.54
13.90	34.35	2.53	0.62
13.44	85.58	2.53	0.62

CJ-5515	13.99	32.75	2.51	0.62
	15.19	61.09	2.51	0.62
	11.65	75.02	2.32	0.57
	14.32	32.66	2.32	0.57
	10.85	88.13	2.32	0.57
	8.82	49.26	2.00	0.44
	11.94	22.39	2.00	0.44
	12.56	52.63	2.50	0.61
	10.95	48.65	2.50	0.61
	10.95	48.42	2.50	0.61
	10.33	61.88	2.08	0.56
	11.93	85.96	2.11	0.38
	10.89	41.44	1.89	0.26
	85.13	32.41	2.17	0.41
	13.07	27.13	2.17	0.41
	9.59	39.25	2.29	0.62
	4.42	84.32	2.29	0.62
	13.68	14.91	2.01	0.42
	10.31	83.47	2.01	0.42
	11.82	72.69	2.01	0.42
	12.58	65.39	1.93	0.44
	11.91	72.29	2.06	0.39
	12.98	57.21	1.91	0.30
	12.11	26.79	1.91	0.30
	11.81	60.45	1.91	0.30
	14.03	33.87	2.41	0.50
	8.99	48.39	2.41	0.50
	13.07	81.07	2.41	0.50
	13.09	89.19	2.06	0.37
	14.34	52.91	2.06	0.37
	12.21	68.89	2.20	0.47
	11.83	41.90	2.20	0.47
	11.08	56.73	2.20	0.47
	13.82	72.56	2.32	0.53
	12.50	21.04	2.32	0.53
	10.39	49.18	2.23	0.49

12.48	68.76	2.23	0.49
10.95	85.01	2.17	0.41
11.49	62.43	2.17	0.41
13.53	31.57	2.14	0.41
11.46	76.48	2.14	0.41
14.37	11.14	2.14	0.41
15.16	20.80	2.14	0.41
10.10	58.24	1.88	0.41
13.25	56.60	2.39	0.48
12.57	70.13	2.39	0.48
10.31	73.78	2.39	0.48
10.68	59.67	2.39	0.48
12.86	78.74	2.22	0.57
13.45	88.98	2.22	0.57
11.50	62.14	2.22	0.57
11.98	85.28	1.91	0.39
13.89	38.65	1.91	0.39
12.85	43.80	2.33	0.32
14.53	56.64	2.26	0.39
12.99	39.03	2.07	0.35
12.21	53.18	2.30	0.44
13.82	72.94	2.30	0.44
12.89	57.50	2.30	0.44
14.67	28.06	2.75	0.60
12.85	51.73	2.75	0.60
12.02	67.03	2.75	0.60
14.11	24.85	2.75	0.60
11.87	81.47	2.75	0.60
10.87	69.33	2.31	0.39
14.07	42.01	1.82	0.33
12.34	80.90	1.82	0.33
13.25	76.94	2.19	0.46
14.34	36.48	2.19	0.46
14.72	14.34	2.24	0.55
9.95	69.35	2.24	0.55
12.52	82.97	2.24	0.55
13.57	44.81	2.43	0.48
11.43	58.38	2.43	0.48
11.86	55.60	2.12	0.45
11.69	68.43	2.25	0.55
11.31	77.67	2.25	0.55
10.92	68.81	2.25	0.55
11.07	49.73	2.25	0.55
13.18	15.67	2.25	0.55
12.33	63.28	2.52	0.42
14.71	31.17	2.52	0.42
12.26	73.27	2.75	0.75

14.26	58.14	2.75	0.75
13.94	31.03	2.75	0.75
14.70	33.86	2.61	0.62
15.34	49.37	2.61	0.62
12.94	51.41	2.61	0.62
13.44	43.06	2.61	0.62
12.14	55.79	2.61	0.62
13.42	22.91	2.38	0.47
12.16	61.56	2.38	0.47
11.53	61.31	2.38	0.47
12.82	35.47	2.38	0.47
9.16	61.91	2.38	0.47
12.91	32.58	2.38	0.47
12.96	83.05	2.28	0.48
10.20	61.44	2.28	0.48
4.87	79.62	2.08	0.52
9.96	79.84	2.08	0.52
12.33	32.17	2.08	0.52
10.50	56.72	2.08	0.52
12.01	77.17	2.39	0.45
12.40	51.06	2.39	0.45
10.96	56.36	2.39	0.45
11.31	64.72	2.39	0.45
14.60	32.30	2.39	0.45
13.92	30.75	2.39	0.45
12.20	65.41	2.39	0.45
11.05	69.98	2.39	0.45
14.19	8.34	2.39	0.45
13.18	34.72	2.39	0.45
9.91	75.29	2.39	0.45
11.20	65.33	2.39	0.45
12.61	70.33	2.39	0.52
14.62	43.27	2.33	0.72
11.55	50.31	2.37	0.40
11.13	46.86	2.37	0.40
12.76	79.10	2.69	0.42
13.12	87.79	2.69	0.42
15.06	12.84	2.69	0.42
13.55	70.01	2.14	0.33
13.82	41.35	2.14	0.33
12.52	73.56	2.37	0.37
14.38	49.15	2.19	0.41
13.37	84.24	2.97	0.84
13.12	69.29	2.97	0.84
13.41	45.38	2.01	0.31
12.39	42.68	2.27	0.51
12.60	55.02	1.98	0.41

11.81	41.04	2.97	0.49
12.60	85.45	2.97	0.49
12.07	48.29	2.97	0.49
13.30	32.25	2.97	0.49
12.61	79.32	2.97	0.49
12.13	52.02	2.34	0.42
13.05	81.68	2.43	0.35
10.70	53.44	2.48	0.36
13.47	23.37	2.48	0.36
14.99	36.60	2.28	0.52
13.41	64.52	2.28	0.52
12.18	53.31	1.94	0.30
14.09	29.97	1.94	0.30
13.86	61.26	2.24	0.32
12.97	60.86	2.24	0.32
13.30	54.64	2.24	0.32
10.20	50.49	2.37	0.51
12.15	48.30	2.37	0.51
13.88	53.90	2.37	0.51
12.18	57.67	2.37	0.51
12.32	57.77	2.37	0.51
12.84	75.93	2.37	0.51
11.94	68.22	2.37	0.51
12.10	52.64	2.18	0.45
12.99	60.73	2.18	0.45
10.85	57.51	2.00	0.58
12.16	54.13	2.00	0.58
10.80	28.68	2.00	0.58
13.16	59.34	2.12	0.52
13.23	74.80	2.12	0.52

CJ-7395	12.93	48.41	2.17	0.30
	10.70	41.33	2.17	0.30
	11.19	39.58	2.17	0.30
	10.66	49.75	1.85	0.42
	10.74	41.57	1.85	0.42
	7.72	75.92	1.85	0.42
	12.74	53.11	1.85	0.42
	12.10	24.26	1.85	0.42
	13.36	39.05	1.85	0.42
	12.59	58.63	1.85	0.42
	10.84	50.02	1.85	0.42
	10.57	65.75	2.30	0.57
	6.82	78.49	2.04	0.41
	13.89	22.77	2.04	0.41
	12.43	68.76	2.04	0.41

10.01	75.67	2.04	0.41
11.90	47.14	2.04	0.41
10.94	36.72	2.04	0.41
10.28	36.82	2.29	0.45
11.10	31.21	2.29	0.45
9.78	79.19	2.29	0.45
9.03	75.27	2.29	0.45
12.02	30.89	2.07	0.38
9.20	56.67	2.07	0.38
10.74	44.68	2.07	0.38
11.39	14.58	2.07	0.38
10.89	77.09	2.07	0.38
11.54	37.53	2.27	0.46
10.70	68.93	2.27	0.46
15.20	53.76	2.80	0.65
9.51	55.13	2.80	0.65
12.97	43.40	2.80	0.65
10.88	54.77	2.38	0.46
14.57	33.81	2.38	0.46
10.55	78.92	2.38	0.46
15.29	22.02	2.38	0.46
12.43	68.75	2.72	0.61
14.26	28.55	2.72	0.61
11.61	48.17	2.72	0.61
9.81	87.82	2.72	0.61
11.86	64.92	2.72	0.61
11.96	57.17	2.72	0.61
12.45	63.55	2.72	0.61
12.52	66.18	2.72	0.61
12.43	46.65	2.72	0.61
13.30	71.90	2.21	0.40
15.25	39.50	2.21	0.40
11.93	70.79	2.43	0.46
11.99	40.48	2.43	0.46
7.72	74.93	2.54	0.47
8.46	70.18	2.54	0.47
8.56	70.75	2.54	0.47
12.50	38.38	2.54	0.47
8.59	61.32	2.54	0.47
8.09	88.56	2.01	0.43
12.77	51.33	2.01	0.43
9.84	58.42	2.01	0.43
10.52	42.46	2.17	0.32
10.90	52.25	2.17	0.32
11.38	66.69	2.02	0.35
11.78	62.12	2.02	0.35
12.88	54.44	2.02	0.35

13.54	25.15	2.02	0.35
11.89	53.35	1.96	0.36
10.92	75.59	1.96	0.36
11.60	33.71	1.96	0.36
10.51	36.60	3.02	0.64
11.93	70.30	2.68	0.67
11.12	76.69	2.68	0.67
14.47	64.63	2.68	0.67
13.23	24.92	2.68	0.67
10.33	79.03	2.68	0.67
12.05	75.77	2.68	0.67
12.53	69.53	2.68	0.67
13.32	67.07	2.68	0.67
11.44	50.10	2.68	0.67
10.64	53.40	2.46	0.35
12.81	62.70	2.46	0.35
8.60	68.40	2.46	0.35
10.20	69.43	2.46	0.35
13.64	41.40	2.34	0.47
12.50	77.45	2.34	0.47
12.23	32.12	2.34	0.47
8.70	83.04	2.02	0.41
10.11	61.22	2.02	0.41
10.11	57.44	2.02	0.41
13.47	72.99	2.02	0.41
7.95	60.80	2.02	0.41
9.09	83.17	2.02	0.41
8.82	60.56	2.14	0.32
10.01	60.23	2.14	0.32
9.27	47.03	2.14	0.32
9.99	66.18	2.14	0.32
10.19	69.99	2.58	0.46
9.84	70.17	2.58	0.46
11.39	64.96	2.58	0.46
12.97	17.89	2.58	0.46
11.41	58.60	2.58	0.46
8.06	82.33	2.58	0.46
12.47	43.96	2.58	0.46
14.73	33.01	2.58	0.46
14.94	34.23	2.58	0.46
14.43	38.84	2.58	0.46
14.67	41.40	2.58	0.46
11.25	52.70	2.58	0.46
12.85	33.87	2.58	0.46
10.62	46.10	3.00	0.48
13.13	33.02	3.00	0.48
13.06	42.68	3.00	0.48

11.95	55.61	3.00	0.48
11.83	67.84	3.00	0.48
9.52	51.26	3.00	0.48
11.36	76.73	2.28	0.35
11.40	62.39	2.28	0.35
10.72	69.18	2.28	0.35
14.06	30.27	2.28	0.35
7.79	66.63	3.61	0.67
10.92	83.65	3.61	0.67
12.34	28.05	3.61	0.67
9.72	45.43	3.61	0.67
10.56	67.84	3.61	0.67
10.58	45.15	2.41	0.47
11.74	73.31	2.41	0.47
12.89	38.01	2.83	0.44
11.78	27.65	2.83	0.44
10.66	51.97	2.83	0.44
10.00	51.49	2.83	0.44
11.34	51.36	2.83	0.44
11.09	65.22	2.83	0.44
14.96	40.38	2.83	0.44
14.24	31.20	2.34	0.48
8.78	64.60	2.34	0.48
11.37	48.01	2.34	0.48
9.63	70.63	2.34	0.48
13.30	15.54	2.34	0.48
6.81	87.06	2.34	0.48
12.21	57.03	2.34	0.48
11.23	39.10	2.34	0.48
10.10	68.64	2.65	0.53
11.96	21.63	2.65	0.53
11.15	54.77	2.65	0.53
11.87	43.14	2.23	0.43
11.14	56.65	2.23	0.43
12.07	73.61	2.64	0.41
13.26	50.63	2.64	0.41
10.56	44.56	2.64	0.41
10.97	53.80	2.64	0.41
9.58	86.42	2.64	0.41
9.48	46.15	2.64	0.41
12.43	68.35	2.64	0.41
11.00	43.23	2.64	0.41
9.82	44.04	2.64	0.41
10.66	58.74	2.64	0.41
11.94	55.53	2.64	0.41
7.92	88.09	2.64	0.41
12.57	80.70	2.64	0.41

10.76	79.59	2.27	0.51
11.20	41.48	2.59	0.48
9.27	73.39	2.59	0.48
11.04	35.33	2.59	0.48
11.85	41.56	2.59	0.48
12.37	52.50	2.59	0.48
10.34	60.20	2.10	0.39
13.43	24.94	2.10	0.39
14.35	27.65	2.10	0.39
13.21	89.33	2.11	0.30
11.18	78.58	2.11	0.30
12.12	72.06	2.11	0.30
14.62	21.79	2.11	0.30
12.64	67.87	2.15	0.35
9.95	66.21	2.15	0.35
10.11	80.15	2.15	0.35
10.63	64.51	2.21	0.49
9.80	42.83	2.21	0.49
11.59	42.35	2.21	0.49
10.44	36.31	2.63	0.35
11.40	75.16	2.63	0.35
11.87	40.50	2.63	0.35
9.56	48.10	2.63	0.35
8.79	74.82	2.63	0.35
11.07	33.21	2.63	0.35
11.73	25.74	2.19	0.40
8.56	55.38	2.19	0.40
9.82	75.97	2.47	0.43
10.21	70.86	2.47	0.43
11.08	32.54	2.47	0.43
12.28	43.65	2.47	0.43
10.00	37.05	2.47	0.43
11.71	76.36	2.47	0.43
13.70	39.06	2.47	0.43
11.10	62.50	2.47	0.43
10.64	52.13	2.47	0.43
11.21	47.58	2.50	0.53
10.14	47.03	2.50	0.53
12.69	41.23	2.50	0.53
12.48	50.28	2.50	0.53
12.00	50.14	2.50	0.53
12.19	40.22	2.50	0.53
9.90	63.53	2.53	0.62
10.65	43.19	2.53	0.62

KL-3400	12.44	59.88	2.15	0.46
	14.21	66.14	2.15	0.46

11.40	41.24	2.15	0.46
9.05	71.99	2.15	0.46
10.97	70.18	2.60	0.54
13.14	66.61	2.48	0.41
12.55	68.30	2.48	0.41
13.10	18.43	2.48	0.41
10.83	60.06	1.84	0.49
16.05	48.14	2.17	0.42
13.07	66.20	1.98	0.41
14.41	59.28	1.98	0.41
14.98	63.04	2.47	0.43
13.53	46.90	2.47	0.43
15.53	13.59	2.47	0.43
10.21	54.06	2.12	0.39
11.18	56.55	2.50	0.37
11.51	48.91	2.50	0.37
14.75	39.93	2.50	0.37
8.54	63.20	2.50	0.37
13.72	36.45	2.50	0.37
10.75	67.93	2.50	0.37
14.91	59.55	2.50	0.37
9.38	75.93	2.50	0.37
11.62	53.89	2.50	0.37
12.85	50.90	2.50	0.37
14.27	9.08	2.50	0.37
10.30	81.31	2.50	0.37
14.20	71.87	2.23	0.45
13.77	26.47	2.23	0.45
11.61	34.22	1.98	0.36
12.34	45.79	1.98	0.36
11.05	56.75	1.98	0.36
9.27	46.91	1.98	0.36
13.74	63.11	2.07	0.57
13.03	60.06	2.07	0.57
11.12	76.35	2.07	0.57
13.40	60.95	2.07	0.57
12.73	57.85	2.07	0.57
12.23	57.26	1.87	0.34
14.64	26.98	1.87	0.34
12.95	50.66	1.87	0.34
12.33	81.52	1.87	0.34
14.31	63.79	2.39	0.45
11.56	72.63	2.39	0.45
10.51	67.14	2.39	0.45
13.24	43.55	2.39	0.45
14.17	55.59	1.94	0.30
11.40	77.46	2.18	0.46

13.07	76.01	2.07	0.43
10.60	69.34	2.07	0.43
14.81	64.42	2.05	0.36
10.48	65.39	2.05	0.36
13.66	55.23	2.32	0.36
14.29	42.00	2.36	0.42
12.56	55.90	2.52	0.48
12.83	56.48	2.52	0.48
13.22	32.87	2.52	0.48
13.81	61.91	1.92	0.37
13.64	71.67	1.92	0.37
12.20	44.65	1.92	0.37
14.68	63.08	2.67	0.33
12.59	24.55	2.67	0.33
13.33	31.78	2.67	0.33
12.55	75.21	2.67	0.33
12.76	71.59	2.58	0.69
14.92	42.63	2.58	0.69
14.17	81.39	2.58	0.69
12.99	63.47	2.58	0.69
12.96	41.55	2.58	0.69
14.01	74.38	2.58	0.69
13.35	56.02	2.25	0.40
12.84	48.02	2.25	0.40
14.21	70.45	2.20	0.46
11.36	76.14	2.59	0.52
13.63	55.29	2.59	0.52
13.62	58.40	2.59	0.52
12.23	75.53	2.59	0.52
12.01	72.68	2.59	0.52
13.49	54.16	1.94	0.38
10.32	59.67	1.94	0.38
12.43	75.77	1.94	0.38
13.85	43.07	1.94	0.38
13.72	45.41	2.03	0.43
12.33	43.51	2.03	0.43
13.79	50.34	2.22	0.43
14.50	58.97	2.22	0.43
14.22	56.04	2.22	0.43
16.97	32.80	2.26	0.46
12.91	47.20	2.26	0.46
13.80	57.42	2.26	0.46
12.45	47.20	2.26	0.46
14.56	49.02	2.26	0.46
14.54	88.09	2.27	0.27
11.67	62.40	2.57	0.61
14.07	39.57	2.57	0.61

13.64	83.77	2.57	0.61
13.53	80.13	2.51	0.41
13.85	65.52	2.51	0.41
12.20	66.31	2.51	0.41
14.60	25.39	2.51	0.41
13.43	77.62	2.51	0.41
13.11	49.46	2.68	0.61
13.61	46.26	2.68	0.61
13.06	37.34	2.68	0.61
12.83	58.93	2.68	0.61
14.43	34.01	2.68	0.61
8.72	87.52	2.68	0.61
13.87	52.89	2.26	0.34
14.14	49.45	2.26	0.34
11.85	50.21	2.03	0.46
12.64	66.64	2.03	0.46
12.41	54.48	2.03	0.46
11.91	60.31	1.88	0.39
13.13	38.50	1.88	0.39
11.45	85.13	2.24	0.55
11.87	44.57	2.30	0.54
9.95	70.42	2.30	0.54
11.36	57.36	2.30	0.54
12.93	53.53	2.32	0.54
11.97	32.78	2.38	0.35
10.11	56.46	2.38	0.35
10.99	54.41	2.38	0.35
12.06	73.91	2.38	0.35
11.29	70.04	2.38	0.35
10.60	76.77	2.38	0.35
10.26	72.91	2.38	0.35
13.49	32.75	2.38	0.35
9.22	45.26	3.24	0.77
14.33	63.79	2.14	0.49
12.12	76.06	2.14	0.49
12.83	37.15	2.25	0.44
12.38	42.71	2.25	0.44
15.16	47.09	2.25	0.44
13.95	56.13	2.25	0.44
11.40	70.48	2.13	0.37
11.14	59.23	2.13	0.37
11.36	45.45	2.13	0.37
12.82	71.80	2.07	0.42
9.92	74.75	2.07	0.42
13.21	49.09	2.07	0.42
14.51	45.64	2.07	0.42
13.84	38.10	2.43	0.40

12.13	44.56	2.43	0.40
6.72	52.81	2.43	0.40
12.78	40.26	2.43	0.40
11.97	74.04	2.43	0.40
10.18	70.79	2.43	0.40
12.98	61.54	2.38	0.38
12.25	63.19	2.38	0.38
12.50	83.01	2.38	0.38
11.59	49.49	2.14	0.50
13.11	74.93	2.02	0.56
12.62	24.89	2.00	0.37
11.77	50.53	2.00	0.37
9.84	34.66	2.32	0.60
11.49	45.42	2.32	0.60
10.92	32.81	2.32	0.60
9.36	78.40	2.46	0.45
8.78	89.42	2.46	0.45
11.17	61.72	2.46	0.45
13.90	47.69	2.03	0.35
15.55	50.59	2.63	0.37
14.13	38.75	2.63	0.37
12.52	59.74	2.63	0.37
14.91	46.61	1.91	0.39
14.38	52.37	1.91	0.39
12.01	61.38	2.42	0.51
13.07	52.54	2.42	0.51
11.14	86.44	2.05	0.45
10.94	70.41	2.05	0.45
13.39	41.78	2.05	0.45
13.60	21.10	2.05	0.45
15.06	27.56	2.79	0.59
11.95	67.49	2.79	0.59
12.22	56.98	2.31	0.81
14.36	52.64	2.31	0.81
14.89	42.53	2.22	0.43
14.76	61.82	2.07	0.47
12.98	49.49	2.71	0.40
15.09	45.39	2.71	0.40
13.94	40.68	2.71	0.40
13.64	40.79	2.71	0.40
13.33	70.12	2.71	0.40
14.21	72.91	2.22	0.49
12.21	58.75	2.22	0.49
12.36	66.52	2.22	0.49
13.70	53.62	2.24	0.52
11.67	61.90	2.24	0.52
9.64	79.54	2.24	0.52

	14.18	11.71	2.24	0.52
	11.78	69.45	2.14	0.44
	13.04	48.92	2.14	0.44
	11.98	56.19	2.14	0.44
	15.61	23.05	2.14	0.44
	13.09	64.66	2.00	0.36
	13.57	84.83	2.00	0.36
	12.18	71.53	2.00	0.36
	13.62	45.00	2.00	0.36
	8.55	73.96	2.00	0.36
KL-5320	15.23	36.24	1.84	0.36
	13.07	81.79	1.84	0.36
	13.53	60.94	1.95	0.46
	13.75	32.00	1.95	0.46
	13.49	32.06	1.95	0.46
	11.20	66.73	1.95	0.46
	7.43	42.56	1.95	0.46
	13.66	73.85	2.36	0.49
	11.62	54.60	2.36	0.49
	15.02	50.92	2.36	0.49
	12.62	28.52	2.36	0.49
	12.10	55.11	2.36	0.49
	10.33	66.38	2.36	0.49
	13.21	48.92	2.36	0.49
	14.99	40.70	2.36	0.49
	15.19	19.39	2.04	0.41
	12.22	47.09	2.04	0.41
	12.91	64.22	2.04	0.41
	12.68	57.78	2.04	0.41
	8.49	62.26	2.04	0.41
	13.80	42.49	2.26	0.39
	10.87	72.17	2.26	0.39
	15.96	29.72	2.26	0.39
	11.87	58.94	2.26	0.39
	11.82	85.59	2.26	0.39
	11.39	75.53	2.26	0.39
	14.00	76.35	2.26	0.39
	11.15	62.93	2.26	0.39
	12.68	81.95	2.33	0.53
	12.58	57.33	2.33	0.53
	11.72	35.40	2.33	0.53
	11.02	53.63	2.33	0.53
	14.71	43.64	2.55	0.64
	12.26	64.84	2.55	0.64
	10.83	43.76	2.61	0.38

12.49	62.87	2.05	0.41
13.64	62.24	2.14	0.39
13.56	42.49	2.14	0.39
12.06	52.86	2.14	0.39
9.24	66.72	2.62	0.54
12.52	38.81	2.62	0.54
14.25	46.05	2.62	0.54
16.58	57.42	2.62	0.54
12.53	72.82	2.62	0.54
13.16	48.43	2.62	0.54
14.27	20.50	2.62	0.54
9.47	63.31	2.62	0.54
14.30	44.78	2.62	0.54
12.27	55.94	2.62	0.54
13.70	37.79	2.55	0.54
13.00	70.22	2.55	0.54
12.74	59.04	1.94	0.41
14.20	51.82	1.94	0.41
13.87	45.60	1.94	0.41
14.41	42.67	2.35	0.39
11.96	77.01	2.35	0.39
12.81	72.38	2.35	0.39
11.38	75.88	2.35	0.39
14.21	63.54	2.55	0.43
12.95	50.09	2.55	0.43
11.48	82.55	2.39	0.43
15.17	58.61	2.39	0.43
15.27	22.43	2.39	0.43
12.59	83.62	2.39	0.43
15.45	69.33	2.39	0.43
10.49	86.92	2.39	0.43
11.91	65.83	2.03	0.61
11.32	49.35	2.03	0.61
12.59	62.74	2.03	0.61
12.17	46.85	2.03	0.61
11.93	49.54	2.03	0.61
11.26	62.76	2.03	0.61
14.28	10.95	2.03	0.61
13.23	56.80	2.03	0.61
11.27	49.35	2.03	0.61
12.79	88.88	2.03	0.61
12.79	60.16	2.03	0.61
13.11	44.67	2.03	0.61
13.38	38.48	2.03	0.61
10.29	37.38	2.03	0.61
13.31	18.25	2.03	0.61
13.48	33.81	2.03	0.61

11.47	58.02	2.03	0.61
13.67	40.40	2.44	0.54
6.77	53.13	2.44	0.54
13.59	27.83	2.20	0.39
13.18	75.77	2.20	0.39
14.45	32.10	2.20	0.33
11.21	60.18	2.20	0.33
13.19	47.54	2.20	0.33
12.94	45.62	2.20	0.33
10.71	78.61	2.20	0.33
11.99	61.68	2.20	0.33
13.93	82.35	3.02	0.39
12.01	53.47	3.02	0.39
14.43	32.81	3.02	0.39
13.78	71.26	2.85	0.54
16.54	72.42	2.85	0.54
12.38	65.20	3.07	0.69
14.57	28.82	3.07	0.69
12.43	48.45	3.07	0.69
13.89	27.65	2.12	0.29
12.96	44.65	2.12	0.29
9.88	67.93	2.76	0.46
14.08	17.31	2.76	0.46
11.95	50.52	2.76	0.46
10.11	82.73	2.70	0.47
12.00	74.85	2.70	0.47
9.32	75.88	2.70	0.47
11.37	46.81	2.70	0.47
14.10	68.63	2.84	0.59
13.50	45.20	2.84	0.59
13.58	60.11	2.18	0.41
14.83	53.71	2.18	0.41
13.57	32.30	2.18	0.41
13.99	53.34	2.18	0.41
14.48	44.04	2.93	0.68
13.84	62.79	2.93	0.68
10.43	56.05	2.25	0.50
11.59	52.80	2.25	0.50
11.57	65.39	2.25	0.50
14.46	18.82	2.25	0.50
13.17	37.89	2.25	0.50
10.38	39.77	2.25	0.50
13.23	40.34	2.25	0.50
10.96	66.44	2.25	0.50
10.95	59.89	2.18	0.49
11.86	57.04	2.18	0.49
11.43	41.78	2.13	0.39

12.28	56.63	2.13	0.39
13.12	36.31	2.13	0.39
10.35	56.75	2.13	0.39
11.95	54.33	2.13	0.39
15.16	15.73	2.13	0.39
12.30	60.87	2.13	0.39
13.65	11.28	2.13	0.39
11.16	60.63	2.13	0.39
10.98	43.49	2.13	0.39
12.10	38.12	2.13	0.39
12.14	76.59	2.13	0.39
11.58	77.54	2.13	0.39
12.93	48.94	2.13	0.39
12.78	49.23	2.13	0.39
12.80	58.10	2.13	0.39
13.18	47.42	2.13	0.39
12.04	56.60	2.13	0.39
11.21	61.39	2.13	0.39
10.69	70.09	1.98	0.33
12.10	52.18	2.35	0.32
12.54	69.64	2.35	0.32
11.80	47.53	2.31	0.36
14.95	30.82	2.16	0.41
12.99	64.85	2.16	0.41
15.85	21.60	2.33	0.46
13.57	70.41	2.05	0.36
11.75	48.17	2.05	0.36
11.27	49.20	2.05	0.36
11.68	57.92	2.05	0.36
12.92	70.89	2.05	0.36
15.46	34.72	2.75	0.48
12.26	79.09	2.75	0.48
15.80	54.57	2.75	0.48
12.36	44.79	1.98	0.49
9.97	82.84	1.98	0.49
13.00	44.78	1.98	0.49
10.36	75.27	1.98	0.49
9.82	63.78	1.98	0.49
12.80	19.04	2.21	0.46
11.10	56.98	2.21	0.46
14.06	38.86	2.21	0.46
11.99	47.99	2.54	0.44
10.46	66.21	2.54	0.44
14.12	8.98	2.54	0.44
10.10	48.34	2.54	0.44
11.61	44.40	2.05	0.36
10.14	80.22	2.05	0.36

9.66	59.72	2.05	0.36
13.55	35.39	2.05	0.36
9.30	66.20	2.05	0.36
11.23	55.80	2.05	0.36
13.68	67.08	2.19	0.39
13.37	55.90	2.20	0.43
13.27	20.05	2.26	0.42
10.93	77.02	2.26	0.42
13.45	64.08	2.73	0.46
14.34	44.30	2.73	0.46
15.36	11.99	2.73	0.46
10.87	30.71	2.43	0.40
11.18	67.06	2.43	0.40
13.73	49.82	2.50	0.43
11.05	31.46	2.50	0.43
13.29	43.30	2.50	0.43
12.12	42.91	2.50	0.43
12.44	50.29	2.23	0.38
14.76	25.80	2.23	0.38
12.84	72.73	2.23	0.38
15.15	14.52	2.23	0.38
12.77	71.24	2.42	0.41
14.35	42.02	2.42	0.41
9.24	56.64	2.42	0.41

KL-6310	12.39	83.95	2.41	0.30
	10.69	72.25	2.41	0.30
	14.67	14.74	2.41	0.30
	10.45	65.16	2.41	0.30
	13.30	32.32	1.74	0.42
	12.72	40.04	2.35	0.39
	12.03	82.15	2.53	0.53
	11.30	48.95	2.31	0.51
	12.21	44.18	2.31	0.51
	12.68	52.21	2.31	0.51
	10.63	83.14	2.31	0.51
	9.24	58.81	2.24	0.42
	12.90	30.19	2.24	0.42
	12.75	80.90	2.19	0.41
	7.81	71.87	2.19	0.41
	10.39	40.58	1.85	0.43
	8.23	86.82	1.85	0.43
	13.05	9.40	1.85	0.43
	9.80	60.79	1.85	0.43
	13.54	51.36	2.40	0.47
	12.39	27.24	2.07	0.25

10.45	50.16	2.21	0.46
12.98	75.70	2.21	0.46
12.98	46.86	2.02	0.44
10.29	56.35	2.02	0.44
9.50	71.58	2.02	0.44
9.24	42.50	2.02	0.44
9.64	43.00	2.02	0.44
13.41	51.78	2.37	0.35
14.78	7.83	2.37	0.35
11.00	88.18	2.07	0.28
12.46	44.83	2.07	0.28
10.28	48.06	1.97	0.44
13.58	56.28	2.31	0.48
10.44	70.30	2.24	0.44
12.16	39.31	2.24	0.44
11.86	35.73	2.24	0.44
15.40	5.61	2.24	0.44
9.88	73.00	2.24	0.44
8.12	61.11	2.24	0.44
11.17	88.97	2.24	0.44
11.79	41.92	2.25	0.38
11.11	61.83	2.25	0.38
10.62	54.50	2.25	0.38
11.34	22.24	2.25	0.38
7.68	61.48	2.25	0.38
12.59	38.95	2.46	0.45
11.21	80.81	2.46	0.45
12.12	33.18	2.46	0.45
11.17	48.26	2.27	0.43
11.75	78.26	2.27	0.43
12.11	68.15	2.27	0.43
8.26	86.06	2.27	0.43
13.34	42.71	2.80	0.48
10.84	73.58	2.77	0.42
13.32	40.51	2.77	0.42
10.92	43.93	2.23	0.45
10.29	50.79	2.23	0.45
12.02	71.62	2.12	0.43
14.57	8.77	2.12	0.43
10.56	61.62	2.12	0.43
11.32	44.32	2.12	0.43
11.89	52.69	2.12	0.43
8.70	86.14	2.12	0.43
10.80	67.50	2.12	0.43
10.90	18.74	2.12	0.43
12.51	69.43	2.51	0.48
11.97	85.99	2.51	0.48

10.59	80.51	2.40	0.71
11.31	38.25	2.40	0.71
12.43	73.64	2.40	0.71
11.18	78.24	2.40	0.71
15.72	56.47	2.40	0.71
10.74	74.50	2.12	0.39
9.28	53.33	2.12	0.39
11.20	36.50	2.12	0.39
10.58	74.08	2.12	0.39
13.90	68.36	2.12	0.39
13.88	16.13	2.12	0.39
10.54	50.80	2.12	0.39
10.15	45.48	2.13	0.49
12.61	61.22	2.13	0.49
10.90	56.39	2.32	0.32
9.73	75.76	2.32	0.32
12.82	57.17	2.32	0.32
10.39	57.08	2.32	0.32
11.85	49.51	2.38	0.34
9.57	71.15	2.38	0.34
11.55	43.68	2.38	0.34
10.54	54.72	2.38	0.34
10.11	43.96	2.38	0.34
11.68	61.50	2.38	0.34
11.19	87.41	2.38	0.34
12.23	63.95	2.38	0.34
13.92	33.14	2.26	0.49
11.22	72.54	2.26	0.49
12.42	43.98	2.26	0.49
10.58	79.37	2.26	0.49
10.15	51.70	2.80	0.57
12.70	34.98	2.80	0.57
11.85	56.04	2.80	0.57
14.84	42.55	2.80	0.57
13.02	26.71	2.80	0.57
11.07	84.02	2.80	0.57
9.38	76.74	2.80	0.57
10.91	56.38	2.80	0.57
12.86	33.29	2.80	0.57
12.63	46.89	2.80	0.57
12.69	33.56	2.80	0.57
11.31	47.34	2.80	0.57
10.29	77.25	2.80	0.57
11.58	52.80	2.80	0.57
12.22	44.60	2.80	0.57
10.89	72.37	1.89	0.41
11.92	42.27	1.89	0.41

KL-7205	11.32	58.08	2.59	0.58
	11.46	38.38	2.59	0.58
	15.56	32.06	2.59	0.58
	11.52	47.96	2.59	0.58
	11.24	75.31	2.59	0.58
	11.56	52.31	2.28	0.38
	8.49	88.88	2.28	0.38
	9.66	45.36	2.28	0.38
	11.71	76.35	2.27	0.42
	11.98	56.79	2.27	0.42
	10.98	76.32	2.27	0.42
	17.46	18.56	2.27	0.42
	14.48	11.24	2.27	0.42
	9.45	71.70	2.27	0.42
	14.43	28.10	2.27	0.42
	10.07	77.36	2.27	0.42
	10.21	65.94	2.27	0.42
	11.07	30.53	2.27	0.42
	12.89	41.43	2.27	0.42
	13.41	29.40	2.27	0.42
	11.50	57.02	2.27	0.42
	10.67	88.18	2.58	0.48
	12.05	80.65	2.58	0.48
	10.28	55.62	2.58	0.48
	11.16	66.71	1.97	0.31
	9.95	83.50	2.49	0.42
	13.07	50.60	2.43	0.42
	13.88	79.16	2.43	0.42
	9.11	51.93	2.48	0.71
	11.90	79.77	2.48	0.71
	11.65	75.87	2.48	0.71
	13.51	28.99	2.31	0.51
	9.29	64.14	2.55	0.60
	11.32	72.13	2.55	0.60
	9.64	42.26	2.36	0.45
	11.16	77.50	2.71	0.71
	9.52	82.70	2.71	0.71
	9.18	58.56	2.71	0.71
	11.81	41.95	2.47	0.40
	10.50	42.38	2.47	0.40
	11.39	55.91	2.47	0.40
	11.98	53.26	2.47	0.40
	9.29	58.51	2.47	0.40
	9.43	55.89	3.41	0.92
	10.81	81.92	3.41	0.92

10.80	49.82	2.88	0.57
10.73	85.62	2.88	0.57
11.12	52.00	2.88	0.57
14.41	38.82	2.49	0.53
12.86	55.16	2.49	0.53
11.40	38.35	2.49	0.53
12.86	82.05	2.49	0.53
13.61	47.96	2.49	0.53
12.94	53.03	2.49	0.53
8.72	84.07	2.49	0.53
11.52	64.11	2.85	0.69
13.93	46.88	2.85	0.69
9.12	66.46	2.85	0.69
8.63	67.17	2.19	0.35
13.05	34.93	2.19	0.35
13.24	18.68	2.19	0.35
10.17	38.11	2.19	0.35
9.92	81.98	2.19	0.35
9.62	74.32	2.53	0.69
9.99	52.48	2.53	0.69
11.04	19.50	2.53	0.69
10.24	42.31	2.53	0.69
10.79	31.34	1.95	0.51
15.99	43.07	2.99	0.76
8.77	51.32	2.62	0.37
8.25	47.95	2.62	0.37
10.19	62.57	2.64	0.46
9.17	86.17	2.64	0.46
11.05	42.94	2.64	0.46
12.11	71.16	2.64	0.46
12.88	48.72	2.64	0.46
12.43	46.90	2.64	0.46
10.32	46.57	3.08	0.68
12.91	42.87	3.08	0.68
10.32	76.46	3.08	0.68
10.54	63.33	2.30	0.42
12.21	75.37	1.96	0.28
11.46	40.53	1.96	0.28
13.15	48.41	1.96	0.28
12.01	66.18	1.96	0.28
12.54	44.36	1.96	0.28
9.65	88.84	2.55	0.35
12.11	82.51	2.55	0.35
11.78	53.86	2.55	0.35
11.54	49.23	2.55	0.35
14.18	39.60	2.55	0.35
14.10	41.73	2.55	0.35

14.32	45.75	2.55	0.35
8.48	79.16	2.38	0.44
6.98	55.78	2.38	0.44
6.78	69.40	2.38	0.44
9.54	66.91	2.38	0.44
11.49	79.34	2.38	0.44
11.00	50.45	2.38	0.44
13.34	60.74	2.38	0.44
8.66	61.47	2.38	0.44
13.20	88.27	2.38	0.44
12.30	46.94	2.38	0.44
10.62	48.99	2.38	0.44
10.93	62.99	2.25	0.46
10.36	55.50	2.14	0.50
12.10	66.15	2.14	0.50
13.71	37.43	2.18	0.39
10.92	62.72	2.18	0.39
12.34	52.15	2.41	0.70
12.16	68.79	2.41	0.70
13.24	39.32	2.41	0.70
12.02	78.54	2.41	0.70
11.36	33.60	2.59	0.47
11.76	66.31	2.14	0.45
7.83	84.84	2.14	0.45
10.45	57.50	2.14	0.45
11.46	71.56	2.14	0.45
11.65	62.66	2.20	0.59
9.73	43.97	2.20	0.59
13.18	76.75	2.27	0.43
14.68	55.36	2.27	0.43
11.68	87.12	2.24	0.41
13.10	61.56	2.13	0.37
10.23	41.96	2.13	0.37
13.16	41.16	2.13	0.37
10.47	85.87	2.64	0.41
8.76	79.47	2.64	0.41
13.82	41.73	2.64	0.41
10.79	81.24	2.64	0.41
10.81	32.58	2.64	0.41
13.40	38.97	2.64	0.41
11.65	55.60	2.34	0.55
12.21	30.65	2.34	0.55
14.86	31.60	2.34	0.55
10.06	24.55	2.34	0.55
12.51	61.53	2.34	0.55
10.95	48.71	2.34	0.55
12.45	67.61	2.15	0.56

10.55	36.03	2.70	0.62	
11.91	31.52	2.70	0.62	
12.30	45.89	2.70	0.62	
10.83	25.08	2.28	0.39	
14.14	39.34	1.79	0.50	
9.20	89.85	1.79	0.50	
11.34	45.39	1.79	0.50	
10.26	81.52	2.54	0.32	
12.76	44.77	2.54	0.32	
8.63	61.12	2.54	0.32	
10.14	34.96	2.54	0.46	
9.17	66.69	2.54	0.46	
10.62	68.87	2.29	0.40	
9.40	43.98	2.29	0.40	
10.02	87.47	2.29	0.40	
10.93	79.13	2.29	0.40	
13.18	36.79	2.29	0.40	
10.85	54.34	2.29	0.40	
10.59	81.69	2.29	0.40	
9.24	70.64	2.29	0.40	
10.68	79.15	2.29	0.40	
11.80	44.80	2.29	0.40	
14.25	47.08	2.17	0.57	
11.49	80.58	3.25	0.69	
10.51	51.47	2.46	0.60	
11.60	89.06	2.46	0.60	
12.82	46.04	2.46	0.60	
12.52	38.19	2.46	0.60	
13.28	46.25	2.46	0.60	
12.63	50.88	2.46	0.60	
12.16	39.39	2.46	0.60	
10.95	48.32	2.46	0.60	
13.18	61.41	2.46	0.60	
11.21	64.22	2.28	0.51	
11.56	24.28	2.28	0.51	
10.53	61.07	2.28	0.51	
11.91	30.42	2.28	0.51	
9.95	60.81	2.28	0.51	
11.43	77.43	2.28	0.51	
13.03	83.07	2.28	0.51	
KL-8260	12.76	65.13	2.54	0.39
	14.00	45.69	2.54	0.39
	13.32	56.82	2.54	0.39
	10.92	75.96	2.54	0.39
	9.23	80.96	2.54	0.39

12.69	26.90	2.54	0.39
13.62	43.56	2.54	0.39
13.14	43.74	2.57	0.54
14.35	64.08	2.57	0.54
11.59	48.48	2.92	0.50
13.46	70.44	2.92	0.50
15.32	53.54	2.92	0.50
13.15	57.58	2.92	0.50
13.11	30.96	2.21	0.64
10.99	48.42	1.89	0.45
13.01	58.86	2.07	0.47
8.01	68.20	2.43	0.51
8.96	68.84	2.43	0.51
13.46	39.68	2.43	0.51
9.27	54.18	2.43	0.51
8.64	53.73	2.26	0.51
11.37	41.04	2.26	0.51
11.10	40.98	2.26	0.51
12.00	54.72	2.49	0.51
13.51	41.41	2.49	0.51
14.07	47.74	3.09	1.09
13.79	40.57	3.09	1.09
12.42	45.03	2.43	0.57
12.79	24.38	2.49	0.46
9.16	60.51	2.49	0.46
11.71	39.87	1.93	0.44
13.06	62.82	2.23	0.44
10.93	55.05	2.23	0.44
13.36	43.63	2.23	0.44
12.80	62.69	2.53	0.46
10.05	82.72	2.58	0.51
10.61	45.81	2.58	0.51
12.38	58.79	2.58	0.51
11.49	56.72	2.58	0.51
7.65	70.18	2.25	0.34
10.76	56.33	2.25	0.34
12.17	40.37	2.67	0.46
10.86	44.67	2.67	0.46
10.02	74.11	2.67	0.46
11.07	64.06	2.43	0.44
13.44	17.44	2.43	0.44
10.42	38.43	2.43	0.44
11.79	40.51	2.43	0.44
11.49	82.70	2.36	0.51
12.06	20.08	2.47	0.56
10.75	50.85	2.32	0.49
12.71	27.18	2.32	0.49

10.97	59.86	2.32	0.49
6.94	64.33	2.32	0.49
10.99	68.62	2.32	0.49
12.48	57.95	2.31	0.37

KL-9075	12.30	39.99	2.42	0.44
	12.49	56.13	2.42	0.44
	13.20	48.89	2.42	0.44
	14.17	33.04	2.09	0.47
	93.15	50.19	2.32	0.41
	10.56	50.90	2.49	0.51
	13.41	33.05	2.34	0.50
	10.11	86.02	2.34	0.50
	10.96	69.30	2.34	0.50
	10.91	67.41	2.34	0.50
	12.63	39.93	2.34	0.50
	11.97	60.74	2.34	0.50
	11.94	30.71	2.34	0.50
	12.55	35.13	2.34	0.50
	11.54	31.59	2.36	0.51
	9.23	48.36	2.36	0.51
	12.76	87.02	2.28	0.67
11.98	34.57	2.64	0.73	
13.73	45.21	2.64	0.73	

KL-11400	10.50	55.73	2.18	0.55
	10.06	68.88	2.17	0.46
	12.90	54.43	2.17	0.46

DD-700	12.94	78.80	2.15	0.45
	12.68	47.39	2.15	0.45
	13.61	56.97	2.15	0.45
	11.82	73.29	2.15	0.45
	13.58	67.65	2.15	0.45
	10.34	75.72	2.15	0.45
	12.83	50.84	2.15	0.45
	14.91	5.60	2.15	0.45
	14.43	51.87	2.15	0.45
	12.98	56.04	2.15	0.45
	12.35	71.85	2.15	0.45
	14.79	19.89	2.15	0.45
	13.91	87.70	2.15	0.45
	12.35	47.89	2.15	0.45
	13.78	75.60	2.15	0.45

13.97	53.41	2.15	0.45
13.90	58.04	2.15	0.45
13.49	78.29	2.15	0.45
14.13	29.30	2.15	0.45
14.17	58.42	2.15	0.45
13.27	57.75	2.15	0.45
12.74	80.08	2.60	0.34
14.02	18.32	2.60	0.34
14.64	77.84	2.10	0.51
13.88	46.26	2.79	0.41
12.51	66.76	2.34	0.51
13.06	56.45	2.34	0.51
11.86	63.30	2.34	0.51
12.65	46.10	2.34	0.51
13.04	88.21	2.64	0.37
11.29	72.91	2.64	0.37
15.47	85.62	2.64	0.37
16.00	43.17	2.64	0.37
13.53	85.53	2.64	0.37
13.90	89.91	2.51	0.51
13.58	14.00	2.51	0.51
12.20	59.72	2.51	0.51
15.12	32.54	2.63	0.88
16.09	53.84	2.63	0.88
14.63	39.51	2.47	0.49
13.23	46.50	2.38	0.51
13.60	59.85	2.38	0.51
11.86	65.13	2.38	0.51
14.35	50.33	2.38	0.51
12.63	38.78	2.38	0.51
15.27	16.26	2.38	0.51
13.54	46.91	2.38	0.51
12.96	57.87	2.38	0.51
15.19	59.92	2.57	0.46
12.92	74.54	2.57	0.46
7.97	60.37	2.57	0.46
15.19	45.01	2.09	0.41
12.67	69.51	2.09	0.41
13.97	48.85	2.09	0.41
14.05	42.66	2.09	0.41
14.63	57.11	2.09	0.41
13.88	28.65	2.09	0.41
15.58	36.80	2.09	0.41
14.51	41.10	2.03	0.35
13.16	69.10	2.03	0.35
13.17	85.71	2.03	0.35
14.27	59.57	2.14	0.41

13.67	31.79	2.20	0.42
12.21	52.38	2.20	0.42
13.70	40.14	2.20	0.42
12.97	74.36	2.53	0.46
10.32	70.86	2.53	0.46
14.35	78.39	2.53	0.46
16.39	36.76	2.53	0.46
13.23	21.58	2.00	0.35
14.33	33.87	2.00	0.35
14.07	19.64	2.00	0.35
13.38	70.66	2.13	0.41
11.95	57.17	2.13	0.41
11.24	46.21	2.13	0.41
12.43	59.76	1.74	0.32
14.60	25.11	1.89	0.38
16.05	43.51	1.89	0.38
14.33	44.06	1.89	0.38
11.78	71.12	3.26	0.57
12.36	39.73	3.26	0.57
15.89	30.71	2.46	0.49
12.63	54.88	2.37	0.39
9.76	63.02	2.30	0.46
14.35	86.01	2.30	0.46
13.86	75.42	2.30	0.46
13.22	56.86	2.30	0.46
12.22	81.07	2.30	0.46
12.94	71.97	2.30	0.46
11.09	64.89	2.30	0.46
13.70	76.54	2.30	0.46
13.11	24.48	2.14	0.39
12.15	85.86	2.14	0.39
13.54	26.77	2.14	0.39
14.14	85.14	2.16	0.51
15.05	20.23	2.16	0.51
15.77	15.78	2.16	0.51
13.92	65.68	2.16	0.51
13.62	35.15	3.05	0.64
13.82	54.15	3.05	0.64
13.28	69.66	3.05	0.64
12.60	58.68	3.05	0.64
13.34	80.23	2.36	0.52
14.95	81.83	2.36	0.52
14.74	37.41	2.37	0.42
12.60	78.67	2.37	0.42
12.45	65.93	2.31	0.46
15.34	14.42	2.27	0.44
13.31	59.86	2.27	0.44

11.81	40.56	2.27	0.39
14.63	60.16	2.27	0.39
11.94	75.79	2.29	0.43
10.41	53.20	2.29	0.43
12.49	49.05	2.29	0.43
14.25	42.40	2.33	0.46
12.68	56.30	2.33	0.46
13.20	48.20	2.55	0.51
13.64	89.07	2.55	0.51
14.80	42.84	2.55	0.51
11.48	77.21	2.55	0.51
12.10	84.53	2.55	0.51
14.32	73.47	2.31	0.46
14.01	54.62	2.31	0.46
12.20	56.23	2.31	0.46
15.35	71.34	2.14	0.47
15.40	70.39	2.34	0.43
15.21	53.39	2.34	0.43
12.01	59.39	2.41	0.43
13.77	70.08	2.41	0.43
14.68	46.50	2.31	0.70
14.75	16.99	2.31	0.70
13.66	71.60	2.31	0.70
13.18	82.20	2.31	0.70
12.10	63.76	2.31	0.70
13.59	65.94	2.31	0.70
14.40	56.57	2.31	0.70
13.82	71.94	2.31	0.70
13.09	38.40	2.31	0.70
15.53	33.40	2.09	0.43
12.37	57.02	2.09	0.43
12.83	59.15	2.09	0.43
12.51	89.02	2.54	0.40
13.65	51.62	2.00	0.50
14.17	53.00	2.00	0.50
14.39	42.88	2.00	0.50
15.61	57.15	1.99	0.36
13.47	67.80	2.28	0.40
12.58	48.18	2.35	0.30
14.82	9.79	2.29	0.51
15.03	44.94	2.29	0.51
15.09	67.28	2.29	0.51
13.98	69.36	2.29	0.51
14.50	67.10	2.29	0.51
14.93	80.60	2.32	0.55
12.85	54.64	2.32	0.55
13.73	75.39	2.32	0.55

14.33	43.53	2.32	0.55
13.99	31.91	2.13	0.56
15.90	33.32	2.13	0.56
15.17	42.72	2.13	0.56
15.21	39.70	2.13	0.56
14.05	34.29	2.13	0.56
15.00	66.49	2.68	0.46
13.46	71.99	2.10	0.23
15.00	39.58	2.10	0.23
12.05	64.16	2.23	0.35
12.96	57.47	2.23	0.35
8.45	71.02	2.23	0.35
13.09	65.79	2.31	0.44
12.97	81.66	2.29	0.46
11.84	31.07	2.15	0.51
11.62	70.42	2.15	0.51
13.86	43.54	3.72	0.81
16.43	22.86	3.72	0.81
12.38	51.15	3.72	0.81
12.86	60.98	2.45	0.46
15.52	42.47	2.45	0.46
15.45	55.91	2.45	0.46
14.23	62.93	2.45	0.46
12.95	67.81	2.45	0.46
11.72	72.50	2.45	0.46
14.02	65.03	2.45	0.46
11.95	86.79	2.45	0.46
14.82	83.87	1.96	0.38
14.21	84.15	1.96	0.38
15.06	25.10	1.96	0.38
16.47	54.19	2.63	0.40
11.72	82.04	2.63	0.40
14.59	57.78	2.63	0.40
11.81	58.91	2.31	0.43
10.64	89.31	2.31	0.43
14.74	72.96	2.31	0.43
14.65	47.83	2.31	0.43
15.18	43.55	2.31	0.43
12.12	59.59	2.31	0.43
14.18	43.18	2.31	0.43
13.25	71.86	2.31	0.43
16.26	22.72	2.18	0.41
14.13	25.17	2.18	0.41
16.55	37.01	2.18	0.41

DD-3530	12.72	82.69	2.23	0.57
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13.54	36.59	2.23	0.57
14.11	54.26	2.23	0.57
11.90	74.78	2.23	0.57
15.48	62.82	2.23	0.57
15.96	16.31	2.05	0.47
12.49	48.61	2.05	0.47
14.69	23.82	2.05	0.47
11.74	63.91	1.99	0.37
12.14	64.27	1.99	0.37
15.19	47.02	2.08	0.35
9.97	65.76	2.08	0.35
13.24	39.04	2.31	0.38
13.58	54.52	2.10	0.45
10.67	75.32	2.10	0.45
14.47	34.93	2.10	0.45
13.99	34.97	2.10	0.45
13.11	40.20	2.10	0.45
13.30	69.25	2.01	0.39
12.89	61.04	2.01	0.39
14.23	57.55	2.01	0.39
14.61	30.67	2.04	0.40
13.00	59.70	2.86	0.41
13.82	53.06	2.86	0.41
74.71	43.23	2.23	0.35
12.37	45.69	2.23	0.35
11.24	55.45	2.23	0.35
12.74	66.62	2.29	0.30
8.05	71.00	2.29	0.30
12.69	82.48	2.29	0.30
13.11	41.35	2.29	0.30
13.34	72.61	2.41	0.35
13.25	66.31	2.41	0.35
13.18	49.10	2.41	0.35
13.87	47.13	2.41	0.35
13.88	79.58	1.98	0.48
13.39	59.13	1.98	0.48
14.98	32.40	2.35	0.56
12.33	60.89	2.35	0.56
13.13	34.49	2.35	0.56
13.50	41.01	2.35	0.56
12.44	47.46	2.20	0.38
16.39	46.96	2.06	0.41
16.33	24.05	2.06	0.41
11.56	63.33	2.46	0.48
10.43	37.35	2.33	0.48
14.36	57.91	2.28	0.41
13.19	38.73	2.05	0.38

12.69	53.25	2.16	0.42
11.81	70.38	2.16	0.42
14.05	54.79	2.16	0.42
15.24	37.89	2.22	0.40
13.64	62.70	2.39	0.44
13.58	44.25	2.39	0.44
11.86	35.03	2.39	0.44
14.49	53.96	2.39	0.44
13.06	68.28	2.39	0.44
12.66	80.48	2.39	0.44
13.83	48.11	2.39	0.44
11.01	57.70	2.39	0.44
13.53	85.78	3.02	0.74
11.56	59.30	1.99	0.34
14.46	43.42	1.99	0.34
9.10	59.23	2.08	0.33
8.99	68.02	2.08	0.33
9.67	62.12	2.08	0.33
15.49	35.79	1.90	0.24
13.32	68.65	1.90	0.24
13.20	87.03	1.90	0.24
14.06	43.63	1.90	0.24
14.71	26.51	1.90	0.24
12.31	72.62	1.90	0.24
15.16	16.32	1.90	0.24
9.95	35.17	2.54	0.53
10.75	74.55	2.54	0.53
13.08	59.94	2.54	0.53
11.05	64.98	2.54	0.53
15.80	47.29	2.23	0.40
14.65	37.24	2.23	0.40
13.52	65.82	2.23	0.40
13.15	46.68	2.49	0.42
13.27	76.40	2.49	0.42
92.46	23.90	2.31	0.38
11.13	69.04	2.31	0.38
13.37	39.36	2.00	0.35
14.04	63.36	1.94	0.39
12.69	62.01	1.94	0.39
12.67	57.47	1.94	0.39
13.06	59.08	2.21	0.38
12.84	56.74	2.21	0.38
12.52	70.06	2.04	0.49
15.45	33.21	2.04	0.49
14.78	50.78	2.04	0.49
11.39	57.63	2.19	0.33
12.63	43.92	2.82	0.54

12.83	69.54	2.33	0.35
12.05	74.12	2.33	0.35
12.84	75.57	2.35	0.35
13.59	38.79	2.35	0.35
11.99	70.54	2.35	0.35
12.36	55.26	2.30	0.47
12.24	87.44	2.24	0.35
13.38	39.98	2.24	0.35
14.02	43.14	2.24	0.35
14.34	41.86	2.24	0.35
12.74	36.26	1.91	0.35
12.84	40.12	1.91	0.35
11.91	48.25	1.91	0.35
13.01	66.29	1.91	0.35
14.87	48.67	1.91	0.35
13.04	69.85	2.55	0.57
13.77	64.97	2.55	0.57
13.51	46.35	2.55	0.57
13.78	48.39	2.30	0.48
13.33	84.08	2.51	0.41
14.47	25.29	2.51	0.41
12.25	54.91	2.51	0.41
14.34	30.89	2.51	0.41
9.54	72.66	2.51	0.41
14.78	46.94	2.17	0.34
13.61	49.31	2.38	0.42
14.09	20.16	2.38	0.42
11.52	58.73	2.08	0.42
16.36	50.89	2.22	0.35
11.31	62.48	2.22	0.35
14.44	65.98	2.22	0.35
11.36	64.69	2.09	0.49
13.93	46.62	2.62	0.62
14.77	50.51	2.62	0.62
14.40	62.20	2.40	0.36
13.48	65.70	2.33	0.46
15.39	20.86	2.33	0.46
12.62	86.86	2.34	0.42
15.32	65.99	2.56	0.70
11.05	89.75	2.56	0.70
13.95	57.03	2.56	0.70
13.54	56.74	2.56	0.70
15.10	29.91	2.56	0.70
15.38	53.98	2.72	0.42
14.77	79.51	2.05	0.41
13.05	52.79	2.05	0.41
13.53	43.08	2.05	0.41

16.13	40.80	2.38	0.54
15.33	14.88	2.38	0.54
10.18	51.64	2.38	0.54
12.30	39.41	2.38	0.54
14.33	55.98	2.38	0.54
15.91	37.42	2.38	0.54
14.00	66.42	3.12	0.66
14.11	61.47	2.39	0.54
11.68	66.60	2.40	0.51
13.96	56.82	2.40	0.51
13.15	50.02	2.40	0.51
14.14	79.50	2.10	0.35
12.95	35.43	2.10	0.35
13.57	36.45	2.10	0.35
13.27	63.67	2.10	0.35
13.78	71.81	2.27	0.40
12.05	70.97	2.27	0.40
14.58	39.77	2.27	0.40
15.97	81.19	2.17	0.41
15.15	30.43	2.51	0.53
13.83	59.85	2.51	0.53
14.14	36.01	2.51	0.53
12.64	62.63	2.51	0.53
13.53	29.14	2.37	0.40
12.88	76.40	2.37	0.40
14.23	50.39	2.29	0.57
13.59	52.22	2.29	0.57
12.55	55.38	2.37	0.52

DD-4965	8.40	57.61	2.13	0.41
	9.98	41.91	2.13	0.41
	12.03	57.58	2.13	0.41
	12.65	73.43	2.41	0.43
	14.83	32.43	2.41	0.43
	10.88	39.64	2.41	0.43
	11.19	22.80	2.41	0.43
	14.85	43.10	2.19	0.52
	10.13	62.33	2.19	0.52
	11.46	44.84	2.19	0.52
	11.64	45.93	2.19	0.52
	14.51	21.39	1.98	0.35
	13.36	41.65	1.98	0.35
	12.36	20.59	1.98	0.35
	11.95	47.64	2.46	0.71
	11.93	47.12	2.46	0.71
	10.80	56.97	2.46	0.71

12.62	49.33	2.46	0.71
10.26	68.80	2.46	0.71
11.54	50.54	2.46	0.71
9.48	35.42	2.15	0.34
12.44	59.80	2.15	0.34
11.52	32.10	2.15	0.34
10.37	83.03	2.15	0.34
10.64	71.72	2.25	0.52
11.85	50.26	2.25	0.52
10.60	69.83	2.25	0.52
13.14	43.68	2.25	0.52
11.06	60.49	2.25	0.52
10.45	55.94	2.29	0.51
11.99	58.59	2.29	0.51
8.65	63.91	2.29	0.51
11.45	63.92	2.43	0.47
10.68	59.85	2.43	0.47
11.31	35.67	2.59	0.40
12.44	53.66	2.59	0.40
10.39	81.57	2.53	0.47
9.94	72.27	2.53	0.47
12.64	28.24	2.53	0.47
12.75	50.80	2.53	0.47
12.29	77.61	2.22	0.49
9.88	59.72	2.22	0.49
11.66	36.91	2.22	0.35
13.97	34.54	2.22	0.35
13.11	39.83	2.27	0.54
11.58	60.62	2.27	0.54
11.81	42.43	2.90	0.73
11.92	70.83	2.90	0.73
12.76	62.41	2.79	0.36
13.14	26.71	2.79	0.36
14.04	65.42	1.86	0.47
14.35	44.21	1.86	0.47
12.60	27.09	2.63	0.41
13.09	48.40	2.63	0.41
10.17	54.55	2.67	0.47
8.01	75.32	2.67	0.47
13.18	42.16	2.67	0.47
8.98	33.98	2.67	0.47
10.20	41.71	2.67	0.47
10.17	59.76	2.67	0.47
12.34	69.24	2.67	0.47
11.10	62.47	2.67	0.47
9.56	58.14	2.67	0.47
13.94	41.00	2.77	0.46

11.05	82.35	2.77	0.46
12.71	58.10	2.75	0.78
11.34	43.30	2.75	0.78
11.42	61.03	2.75	0.78
14.05	54.26	2.24	0.35
13.75	33.63	2.24	0.35
12.23	67.39	3.12	0.77
11.61	53.12	3.12	0.77
11.77	43.15	3.12	0.77
11.72	41.43	3.12	0.77
13.16	45.04	3.12	0.77
11.49	54.97	3.12	0.77
11.28	46.75	3.12	0.77
11.41	47.28	3.12	0.77
10.65	47.47	3.12	0.77
10.51	41.97	3.12	0.77
16.17	56.35	3.12	0.77
15.86	49.89	3.12	0.77
12.80	48.31	3.12	0.77
11.35	61.75	3.12	0.77
14.56	27.00	3.12	0.77
10.92	71.38	2.56	0.45
12.10	58.96	2.56	0.45
10.04	75.25	2.13	0.44
10.42	38.22	2.13	0.44
12.62	30.41	2.13	0.44
11.60	71.51	2.53	0.38
11.91	69.62	2.53	0.38
11.32	61.80	2.53	0.38
12.40	79.05	2.53	0.38
10.72	54.94	2.53	0.38
10.67	50.89	2.11	0.51
13.29	35.91	2.11	0.51
10.32	52.51	2.11	0.51
12.07	79.06	2.11	0.51
10.83	64.95	2.25	0.45
12.54	58.57	2.25	0.45
10.24	66.69	2.39	0.39
12.86	50.07	2.39	0.39
11.19	51.62	2.39	0.39
14.23	57.55	1.86	0.36
11.27	53.64	1.86	0.36
8.95	59.60	1.86	0.36
11.19	69.88	3.08	0.45
12.28	40.88	3.08	0.45
10.62	68.96	3.08	0.45
12.11	45.31	2.03	0.40

13.24	22.03	2.03	0.40
10.76	81.02	2.64	0.47
4.66	70.03	2.64	0.47
11.37	55.15	2.64	0.47
10.73	33.51	2.68	0.45
11.16	39.08	2.68	0.45
13.45	25.52	2.68	0.45
9.65	45.85	2.68	0.45
10.09	78.01	2.64	0.57
13.91	53.53	2.64	0.57
8.44	61.58	2.64	0.57
10.96	62.18	2.64	0.57
11.88	49.85	2.64	0.57
12.69	22.11	2.64	0.57
7.18	51.36	2.64	0.57
12.05	45.62	2.64	0.57
10.67	64.79	2.81	0.32
9.83	64.33	2.81	0.32
11.23	73.61	2.81	0.32
8.93	59.85	2.81	0.40
9.98	75.59	2.81	0.40
8.43	72.69	2.81	0.40
12.55	41.64	2.81	0.40
9.97	55.59	2.28	0.52
9.71	54.30	2.28	0.52
10.25	69.92	2.28	0.52
10.84	58.45	2.28	0.52
10.26	50.93	2.28	0.52
11.42	58.28	2.28	0.52
13.32	23.36	2.28	0.52
14.66	25.05	2.28	0.52
10.50	79.41	2.79	0.58
8.84	62.50	2.79	0.58
9.88	45.16	2.44	0.50
12.07	35.09	2.44	0.50
9.60	65.80	2.44	0.50
11.23	35.48	2.44	0.50
8.21	65.78	2.44	0.50
13.56	47.25	2.44	0.50
8.64	75.46	2.44	0.50
14.71	34.00	2.44	0.50
9.25	42.81	2.44	0.50
10.69	30.34	2.03	0.41
14.81	47.82	2.03	0.41
11.05	60.84	2.03	0.39
10.00	60.02	2.03	0.39
13.76	39.87	2.03	0.39

	12.23	81.22	2.03	0.39
	14.13	24.83	2.59	0.64
	10.67	63.39	2.59	0.64
DD-5920	11.93	35.93	2.29	0.46
	11.03	50.75	2.38	0.66
	11.53	67.29	2.38	0.66
	12.78	37.67	2.38	0.66
	5.30	82.99	2.38	0.66
	12.72	51.93	2.27	0.42
	13.04	14.39	2.27	0.42
	12.34	20.63	2.58	0.67
	14.98	47.94	2.28	0.56
	13.00	76.47	2.28	0.56
	10.38	52.14	2.28	0.56
	12.63	34.89	3.46	0.92
	13.23	44.91	3.34	1.10
	12.98	60.74	3.34	1.10
	11.92	58.20	3.34	1.10
	11.79	79.04	3.34	1.10
	12.39	40.95	3.34	1.10
	10.79	65.33	3.34	1.10
	12.44	58.18	3.34	1.10
	13.33	58.36	2.20	0.53
	13.09	34.91	2.20	0.53
	11.73	43.99	2.20	0.53
	12.16	54.84	2.20	0.53
	10.03	66.89	2.20	0.53
	9.66	56.51	2.48	0.41
	8.59	59.10	2.48	0.41
	13.63	35.76	2.48	0.41
	10.41	48.89	2.48	0.41
	10.07	71.57	2.18	0.44
	9.69	77.36	2.45	0.35
	12.65	58.69	2.45	0.35
	11.25	76.63	2.45	0.35
	10.86	68.85	2.45	0.35
	13.21	74.80	2.38	0.65
	10.71	36.08	2.38	0.65
	11.07	64.67	2.38	0.65
	10.31	68.74	2.36	0.39
	8.96	56.72	2.36	0.39
	10.45	67.61	2.58	0.46
	10.61	44.01	2.58	0.46
	13.94	24.77	1.97	0.35
	13.00	56.08	1.97	0.35

	13.66	46.73	2.30	0.39
	10.01	84.60	2.93	0.47
	11.99	58.85	2.93	0.47
	11.92	55.30	2.93	0.47
	13.57	33.06	2.93	0.47
BG-2075	13.03	50.90	2.27	0.34
	12.08	44.90	2.27	0.34
	14.21	73.19	2.27	0.34
	14.74	68.10	2.27	0.34
	14.79	65.98	2.27	0.34
	13.28	55.48	2.27	0.34
	12.65	26.03	1.98	0.41
	13.67	66.92	1.98	0.41
	13.63	18.88	1.98	0.41
	11.53	88.22	2.02	0.26
	12.17	40.11	2.02	0.26
	11.16	74.87	2.02	0.26
BG-5620	12.71	35.34	2.12	0.43
	11.01	45.32	2.12	0.43
	11.46	47.80	2.12	0.43
	12.34	35.61	2.12	0.43
	10.58	43.80	2.12	0.43
	11.27	34.33	2.12	0.43
	12.59	41.05	2.12	0.43
	13.95	2.87	2.12	0.43
	10.77	49.04	2.12	0.43
	13.91	29.24	2.12	0.43
	14.86	13.34	2.39	0.46
	5.36	85.97	2.39	0.46
	10.12	56.43	2.15	0.55
	9.28	47.41	2.15	0.55
	7.89	60.57	2.15	0.55
	13.24	38.71	2.55	0.39
	8.93	42.00	2.55	0.39
	7.92	47.86	2.55	0.39
	10.13	22.95	2.55	0.39
	12.62	57.64	2.86	0.60
	12.54	49.66	2.86	0.60
	11.68	36.34	2.86	0.60
	10.77	49.12	2.86	0.60
	10.02	63.51	2.86	0.60
	10.83	76.14	2.86	0.60
	7.77	65.77	2.86	0.60

13.94	65.10	2.86	0.60
10.69	63.69	2.86	0.60
11.30	84.45	2.86	0.60
11.51	50.11	2.86	0.60
13.85	67.02	2.86	0.60
10.82	68.50	2.51	0.73
14.92	58.74	2.51	0.73
10.74	88.65	2.51	0.73
11.74	82.75	2.51	0.73
11.45	56.20	2.51	0.73
16.00	31.25	3.22	0.93
13.31	43.56	3.22	0.93
15.67	10.49	3.22	0.93
11.93	32.90	3.22	0.93
13.07	70.06	3.22	0.93
13.72	44.34	3.22	0.93
13.22	36.35	3.22	0.93
12.20	43.66	3.22	0.93
13.24	56.42	3.22	0.93
13.19	61.83	3.22	0.93
11.68	71.79	3.22	0.93
14.40	40.15	2.58	0.52
12.80	70.58	2.58	0.52
12.83	45.05	2.58	0.52
13.32	42.09	4.95	1.29
6.91	86.87	4.95	1.29
12.44	46.08	4.95	1.29
11.77	63.11	4.95	1.29
12.10	60.07	4.95	1.29
13.25	86.15	2.45	0.51
11.35	57.30	2.45	0.51
11.49	81.73	2.61	0.60
11.53	59.29	2.61	0.60
11.86	64.78	2.61	0.60
9.18	54.47	2.61	0.60
12.66	38.61	2.61	0.60
11.38	52.41	2.61	0.60
12.17	67.06	2.61	0.60
13.37	44.80	2.61	0.60
11.97	71.41	2.29	0.35
13.96	66.37	2.29	0.35
13.13	20.25	2.29	0.35
11.47	83.61	2.29	0.35
13.72	46.90	2.29	0.35
8.41	66.68	2.29	0.35
10.06	75.35	2.84	0.57
13.06	85.90	2.84	0.57

12.55	49.63	2.84	0.57
11.57	68.35	2.84	0.57
13.65	59.20	2.84	0.57
12.36	43.50	2.84	0.57
13.08	43.11	2.84	0.57
12.51	36.24	2.78	0.51
12.21	39.55	2.78	0.51
12.21	61.38	2.78	0.51
11.49	54.84	2.78	0.51
12.00	42.03	2.78	0.51
11.65	69.81	2.78	0.51
13.87	39.39	2.78	0.51
11.59	61.34	2.43	0.46
11.77	62.98	3.25	0.57
11.15	67.21	3.25	0.57
9.12	46.43	2.54	0.58
11.44	63.51	2.54	0.58
11.32	48.90	2.54	0.58
12.88	41.92	2.54	0.58
11.39	57.69	2.54	0.58
9.77	39.17	2.54	0.58
11.33	59.48	2.54	0.58
11.71	69.54	2.09	0.35
13.16	55.50	2.09	0.35
11.81	69.45	2.09	0.35

BG-6175	12.00	26.33	2.37	0.40
	10.91	58.93	2.37	0.40
	11.31	40.68	2.37	0.40
	10.18	89.96	2.37	0.40
	10.85	72.09	2.37	0.40
	7.14	74.84	2.37	0.40
	14.94	41.31	2.09	0.32
	14.90	20.55	4.35	1.00
	11.24	48.98	4.35	1.00
	12.80	52.16	4.35	1.00
	11.37	58.31	2.34	0.48
	10.09	78.17	2.34	0.48
	14.85	59.53	2.46	0.50
	8.41	40.86	2.46	0.50
	14.13	31.56	2.46	0.50
	10.74	68.48	2.46	0.50
	14.06	36.86	2.46	0.50
	12.61	39.13	2.46	0.50
	14.69	54.39	2.46	0.50
	10.04	77.62	2.47	0.45

13.04	51.97	2.47	0.45
10.99	38.81	2.47	0.45
12.68	23.19	2.47	0.45
13.38	41.58	2.47	0.45
11.95	43.66	2.47	0.45
10.09	82.92	2.47	0.45
11.60	60.11	2.08	0.31
11.05	67.43	2.08	0.31
11.12	45.37	2.08	0.31
11.38	79.68	2.08	0.31

PC-4470	13.24	56.55	2.12	0.43
	12.36	80.30	2.12	0.43
	13.75	57.03	2.12	0.43
	13.07	31.45	2.12	0.43
	14.46	29.72	2.12	0.43
	11.95	76.18	2.12	0.43
	10.44	71.25	2.12	0.43
	12.63	27.84	2.12	0.43
	13.55	61.52	2.12	0.43
	10.90	66.29	2.12	0.43
	12.92	31.53	2.12	0.43
	13.98	49.53	2.12	0.43
	13.03	84.85	2.12	0.43
	11.73	80.70	2.12	0.43
	12.00	48.02	2.26	0.48
	13.47	20.23	2.26	0.48
	11.09	73.86	2.26	0.48
	12.85	59.96	2.26	0.42
	11.69	47.13	2.26	0.42
	13.47	55.83	2.26	0.42
	15.06	41.89	2.26	0.42
	13.40	75.29	2.26	0.42
	13.72	38.52	2.26	0.42
	13.80	28.34	2.26	0.42
	13.61	60.47	2.26	0.42
	9.48	64.13	2.26	0.42
	12.64	45.28	2.26	0.42
	13.48	38.02	2.26	0.42
	12.91	53.10	2.28	0.41
	12.43	67.83	2.28	0.41
	11.04	68.49	2.28	0.41
	12.25	77.76	2.28	0.41
	12.02	51.28	2.15	0.41
	12.41	52.29	2.15	0.41
	10.14	54.79	2.15	0.41

11.18	57.58	2.13	0.45
12.00	77.14	2.13	0.45
10.23	81.52	2.13	0.45
13.51	55.13	2.06	0.44
13.89	25.81	2.06	0.44
14.31	63.82	2.32	0.60
12.11	49.27	2.32	0.60
13.37	67.24	2.05	0.54
12.41	68.50	2.24	0.50
14.80	26.34	2.24	0.50
12.68	58.64	2.24	0.50
11.99	81.80	2.43	0.48
15.62	47.14	2.06	0.42
15.13	56.07	2.06	0.42
13.52	36.10	2.65	0.49
12.89	67.71	2.65	0.49
11.82	64.45	2.22	0.50
9.97	51.06	2.22	0.50
12.73	16.41	2.22	0.50
10.13	58.62	1.94	0.37
9.77	67.06	1.94	0.37
14.16	53.67	1.75	0.42
12.54	56.43	2.16	0.52

PC-5185	11.62	40.63	2.92	0.60
	14.49	45.60	2.92	0.60
	13.88	11.83	2.92	0.60
	14.43	58.35	2.92	0.60
	9.98	59.50	2.26	0.39
	8.82	58.54	2.26	0.39
	10.05	48.46	2.26	0.39
	13.01	37.42	1.98	0.35
	13.25	26.28	1.98	0.35
	13.20	40.58	1.98	0.35
	12.03	42.95	1.98	0.35
	13.00	39.61	1.98	0.35
	10.79	41.91	1.98	0.35
	9.85	78.05	1.98	0.35
	12.97	38.34	1.98	0.35
	11.37	71.12	1.98	0.35
	11.89	75.80	1.98	0.35
	10.72	46.62	1.98	0.35
	11.97	47.58	1.98	0.35
	13.35	62.72	1.98	0.35
	14.15	72.55	1.98	0.35
	11.50	63.80	1.98	0.35

13.03	40.49	1.98	0.35
11.51	71.50	1.98	0.35
13.22	54.28	2.85	0.45
14.18	46.25	2.85	0.45
13.81	37.41	2.85	0.45
14.05	44.52	2.85	0.45
12.81	60.64	2.85	0.45
14.32	47.02	2.85	0.45
12.99	48.51	2.85	0.45
12.33	67.46	2.85	0.45
13.76	46.53	2.85	0.45
14.15	53.78	2.85	0.45
14.25	43.73	2.85	0.45
12.82	57.65	2.85	0.45
13.75	45.75	2.85	0.45
13.39	49.82	2.85	0.45
10.70	49.54	1.93	0.37
11.77	67.15	1.93	0.37
12.61	56.96	1.93	0.37
11.42	64.58	1.93	0.37
12.95	53.92	1.93	0.37
10.85	67.38	1.69	0.23
9.39	50.93	1.69	0.23
9.30	70.78	1.69	0.23
8.37	47.35	1.69	0.23
9.93	64.05	1.69	0.23
11.79	19.43	1.69	0.23
10.56	83.93	1.69	0.23
12.02	61.98	1.69	0.23
10.16	67.77	1.69	0.23
13.03	68.42	2.64	0.44
13.00	26.37	2.64	0.44
11.23	53.11	2.64	0.44
14.17	39.84	1.93	0.50
9.27	39.02	1.93	0.50
13.40	33.48	1.93	0.50
12.00	59.72	1.93	0.50
11.11	76.27	1.93	0.50
12.00	54.64	1.93	0.50
12.72	49.18	1.93	0.50
10.90	60.71	1.93	0.50
11.96	11.50	1.93	0.50
11.42	79.95	1.93	0.50
12.77	34.01	1.93	0.50
13.04	32.03	1.93	0.50
13.24	38.53	1.93	0.50
13.08	47.87	1.93	0.50

12.27	81.34	2.37	0.39
12.69	59.22	2.37	0.39
14.55	32.95	2.37	0.39
12.32	65.59	2.45	0.35
11.10	78.40	2.45	0.35
13.44	25.41	2.45	0.35
12.63	25.34	2.45	0.35
11.57	81.86	2.45	0.35
11.67	55.21	2.45	0.35
11.32	46.69	2.45	0.35
13.64	70.55	2.45	0.35
9.65	62.89	2.45	0.35
10.18	65.88	2.45	0.35
12.60	65.62	2.45	0.35
12.10	83.56	2.45	0.35
12.73	78.42	2.45	0.35
12.18	81.90	2.45	0.35
14.72	35.42	2.37	0.43
13.74	32.47	2.37	0.43
13.44	57.67	2.56	0.35
13.99	43.70	2.56	0.35
12.51	74.93	2.56	0.35
12.40	79.85	2.56	0.35
12.37	78.23	2.56	0.35
14.37	45.69	2.56	0.35
13.78	55.44	2.56	0.35
13.87	52.16	2.56	0.35
14.18	41.50	2.56	0.35
13.07	64.58	2.56	0.35
14.05	72.95	2.66	0.55
12.97	57.24	2.66	0.55
12.71	41.99	2.34	0.51
12.66	66.83	2.34	0.51
14.21	64.46	2.34	0.51
13.41	38.31	2.34	0.51
16.22	29.33	2.34	0.51
10.13	80.00	2.34	0.51
11.81	61.59	2.34	0.51
13.40	61.63	2.34	0.51
13.18	42.50	2.34	0.51
14.54	70.76	2.34	0.51
12.15	82.92	2.34	0.51
11.95	64.29	2.34	0.51
14.91	54.19	2.34	0.51
14.44	65.18	2.34	0.51
12.96	68.52	2.34	0.51
14.15	33.19	2.34	0.51

13.21	59.25	2.30	0.41
12.89	61.89	2.30	0.41
14.15	41.06	2.30	0.41
14.48	60.30	2.30	0.41
13.25	41.23	2.38	0.56
12.54	85.89	2.38	0.56
14.06	85.16	2.38	0.56
13.70	65.58	2.38	0.56
13.31	55.92	2.38	0.56
12.14	84.19	2.38	0.56
12.54	88.82	2.38	0.56
13.37	48.78	2.38	0.56
7.81	84.39	2.00	0.41
9.88	67.14	2.00	0.41
12.03	51.35	2.00	0.41
13.55	26.51	2.00	0.41
11.64	38.44	2.00	0.41
11.51	78.40	2.00	0.41
11.66	34.39	2.00	0.41
5.89	61.45	2.00	0.41
10.73	61.02	2.00	0.41
11.18	81.01	2.00	0.41
10.50	48.89	2.00	0.41
12.36	62.78	2.00	0.41
13.30	3.79	2.00	0.41
12.66	37.79	2.00	0.41
13.07	43.44	2.00	0.41
10.77	72.04	2.00	0.41
10.17	36.55	2.00	0.41
12.41	85.00	2.00	0.41
12.37	36.73	2.00	0.41
11.34	70.14	2.00	0.41
12.38	39.17	2.00	0.41
11.13	51.91	2.00	0.41
11.01	56.30	2.00	0.41
11.78	46.04	2.00	0.41
11.87	72.11	2.00	0.41
13.11	46.45	2.25	0.46
12.19	89.41	2.25	0.46
15.11	39.19	2.25	0.46
13.73	29.73	2.25	0.46
13.11	32.08	2.25	0.46
12.61	75.02	2.25	0.46
13.62	46.97	2.00	0.36
11.36	62.69	2.00	0.36
13.44	39.54	2.00	0.36
11.97	60.14	2.00	0.36

14.90	26.24	2.00	0.36
10.44	28.25	2.00	0.36
13.49	39.08	2.00	0.36
12.79	42.60	2.00	0.36
11.78	53.22	2.00	0.36
9.08	83.59	2.00	0.36
14.14	34.68	2.00	0.36
15.20	31.56	2.00	0.36
13.60	51.53	2.00	0.36
13.51	41.39	2.00	0.36
9.89	66.45	2.00	0.36
13.91	44.66	2.00	0.36
12.54	46.16	2.00	0.36
12.80	45.10	2.00	0.36
12.24	85.26	2.00	0.36
15.63	32.03	2.00	0.36
13.21	42.54	2.00	0.36
13.53	43.68	2.00	0.36
13.88	44.10	2.00	0.36
14.66	60.69	2.00	0.36
13.95	53.90	2.00	0.36
14.71	17.81	2.00	0.36
13.71	36.31	2.00	0.36
8.84	82.93	2.00	0.36
13.79	62.44	2.00	0.36
13.25	53.57	2.00	0.36
13.03	65.50	2.00	0.36
11.52	63.58	2.00	0.36
13.29	37.64	2.00	0.36
12.86	62.90	2.00	0.36
13.68	60.70	2.00	0.36
12.98	54.32	2.00	0.36
12.92	46.18	2.31	0.58
12.84	37.42	2.31	0.58
13.85	33.00	2.31	0.58
11.64	71.97	2.31	0.58
11.55	51.24	2.31	0.58

PC-5650	13.52	38.47	2.08	0.36
	14.27	33.43	2.08	0.36
	13.49	58.36	2.08	0.36
	14.49	29.34	2.08	0.36
	12.96	72.45	2.08	0.36
	13.65	64.44	2.08	0.36
	12.49	31.33	2.08	0.36
	11.49	43.98	2.08	0.36

14.31	38.14	2.08	0.36
10.39	82.39	2.49	0.68
9.46	63.16	2.49	0.68
10.45	76.30	2.49	0.68
11.42	62.67	2.49	0.68
9.85	48.05	2.49	0.68
11.31	46.04	2.49	0.68
11.44	72.37	2.49	0.68
10.22	60.67	2.49	0.68
14.55	24.92	2.49	0.68
11.34	69.02	2.49	0.68
10.79	62.24	2.43	0.52
14.99	36.51	2.43	0.52
8.24	79.85	2.43	0.52
10.37	41.76	2.43	0.52
8.48	68.24	2.43	0.52
10.71	36.04	2.43	0.52
11.05	46.66	2.43	0.52
11.34	37.49	2.43	0.52
11.01	34.16	2.43	0.52
10.66	35.83	2.43	0.52
10.80	31.22	2.43	0.52
11.00	51.84	2.43	0.52
11.80	49.06	2.43	0.52
4.72	52.29	2.43	0.52
12.43	50.06	2.43	0.52
10.61	53.72	2.43	0.52
9.03	61.75	2.43	0.52
14.34	89.47	3.28	0.62
11.45	54.29	2.21	0.38
13.21	61.37	2.21	0.38
13.42	71.48	2.21	0.38
11.82	63.71	2.21	0.38
13.63	57.73	2.21	0.38
13.03	37.97	2.21	0.38
12.86	74.06	2.21	0.38
11.24	60.43	1.78	0.37
12.49	70.32	2.74	0.30
11.77	56.72	2.74	0.30
14.11	8.97	2.74	0.30
13.63	71.15	2.60	0.61
14.12	59.66	2.60	0.61
11.41	69.90	2.60	0.61
10.72	40.98	2.60	0.61
11.32	75.35	2.20	0.45
12.62	82.55	2.20	0.45
11.99	71.71	2.20	0.45

13.08	47.87	2.20	0.45
13.71	32.90	2.20	0.45
13.06	44.27	2.20	0.45
11.95	59.87	2.20	0.45
12.86	43.03	2.20	0.45
11.97	39.48	2.08	0.46
13.27	58.65	2.08	0.46
12.92	33.25	2.08	0.46
12.83	37.32	2.08	0.46
13.79	79.31	2.08	0.46
11.44	63.57	2.08	0.46
10.60	54.71	2.08	0.46
11.87	67.32	2.08	0.46
14.29	66.10	2.08	0.46
12.32	69.92	2.08	0.46
12.73	75.77	2.14	0.40
12.02	41.39	2.14	0.40
9.46	71.74	2.29	0.37
8.61	58.05	2.29	0.37
10.45	68.81	2.29	0.37
14.28	27.62	2.29	0.37
15.00	69.49	2.29	0.37
9.66	53.06	2.29	0.37
14.26	70.53	2.29	0.37
12.41	79.09	2.21	0.30
13.40	63.36	2.21	0.30
10.89	67.40	2.21	0.30
12.07	72.97	2.21	0.30
10.90	68.64	2.21	0.30
12.54	50.56	2.21	0.30
12.40	58.47	2.21	0.30
12.56	49.10	2.21	0.30
12.06	72.50	2.21	0.30
13.52	40.30	2.21	0.30
12.17	46.96	2.21	0.30
10.46	65.99	2.29	0.49
9.56	52.76	2.29	0.49

PC-6460	11.90	53.56	2.26	0.44
	12.71	44.72	2.26	0.44
	10.71	46.13	2.26	0.44
	14.63	28.69	2.26	0.44
	10.87	80.90	2.26	0.44
	11.57	79.09	2.26	0.44
	11.35	57.18	2.26	0.44
	11.59	31.27	2.26	0.44

12.02	72.83	2.26	0.44
8.72	61.21	2.26	0.44
12.10	61.36	2.26	0.44
10.21	56.96	2.26	0.44
11.67	80.43	2.26	0.44
12.15	45.10	2.26	0.44
10.77	84.33	2.26	0.44
13.14	37.88	2.26	0.44
10.54	38.36	2.26	0.44
9.99	69.80	2.26	0.44
12.17	51.75	2.26	0.44
12.02	39.24	2.26	0.44
13.25	49.27	2.26	0.44
10.41	71.35	2.26	0.44
10.91	59.43	2.26	0.44
9.67	79.54	2.26	0.44
12.15	51.57	2.26	0.44
9.64	58.14	2.26	0.44
11.88	52.61	2.26	0.44
13.93	23.88	2.26	0.44
10.86	57.27	2.26	0.44
11.80	58.48	2.26	0.44
11.51	82.37	2.26	0.44
10.82	63.60	2.26	0.44
10.51	57.27	2.26	0.44
10.28	75.04	2.26	0.44
11.76	73.09	2.26	0.44
13.78	34.24	2.26	0.44
9.10	67.70	2.59	0.43
11.10	72.00	2.59	0.43
14.41	46.40	2.59	0.43
11.25	41.25	2.59	0.43
12.82	35.87	2.59	0.43
14.18	42.00	2.83	0.50
11.34	36.59	2.83	0.50
12.33	47.34	2.83	0.50
12.11	36.96	2.83	0.50
12.58	46.97	2.83	0.50
11.99	42.63	2.83	0.50
11.77	58.20	2.83	0.50
15.61	28.19	2.83	0.50
14.56	53.32	2.83	0.50
9.79	61.78	2.83	0.50
10.73	89.23	2.83	0.50
8.82	64.28	2.83	0.50
12.52	35.64	2.08	0.38
8.91	77.33	2.08	0.38

10.68	57.98	2.08	0.38
11.02	46.06	2.67	0.51
9.37	24.17	2.67	0.51
12.97	25.54	2.67	0.51
11.80	76.03	2.67	0.51
12.81	26.68	2.67	0.51
12.59	70.30	2.34	0.41
12.20	34.16	2.34	0.41
12.14	83.53	2.57	0.45
13.11	20.53	2.57	0.45
13.36	35.06	2.57	0.45
8.87	53.31	2.57	0.45
9.52	49.57	2.05	0.44
13.26	58.06	2.05	0.44
13.87	23.75	2.05	0.44
7.30	79.06	2.05	0.44
10.12	80.43	2.05	0.44
11.29	38.88	2.05	0.44
9.29	71.90	2.05	0.44
9.82	89.75	2.05	0.44
15.18	52.15	2.56	0.61
14.87	60.63	2.56	0.61
12.21	77.25	2.56	0.61
12.62	56.80	2.56	0.61
12.71	71.53	2.56	0.61
15.05	44.74	2.56	0.61
13.68	42.52	2.65	0.65
12.71	62.58	2.65	0.65
14.19	29.22	2.65	0.65
11.64	55.57	2.65	0.65
11.91	40.67	2.05	0.37
9.30	61.48	2.05	0.37
12.17	71.46	2.28	0.35
11.32	35.46	2.28	0.35
13.14	28.01	2.28	0.35
11.00	57.61	2.28	0.35
10.48	48.14	2.28	0.35

PC-10065	14.26	67.93	1.87	0.24
	13.31	63.92	1.96	0.34
	12.85	77.92	1.96	0.34
	10.96	77.06	1.95	0.29
	10.05	65.00	1.95	0.29
	11.67	80.51	1.95	0.29
	10.41	79.76	1.95	0.29
	13.77	70.71	1.91	0.28

10.08	49.64	1.84	0.35
8.67	82.24	1.84	0.35
9.19	73.18	1.94	0.39
12.08	39.85	1.94	0.39
10.83	58.39	1.94	0.39
9.10	64.00	1.94	0.39
12.99	67.61	2.42	0.40
8.85	89.62	2.42	0.40
15.32	11.99	3.07	0.41
9.36	38.81	3.07	0.41
14.09	34.57	2.65	0.49
11.06	83.61	1.84	0.37
9.26	86.19	1.84	0.37
13.77	44.26	3.19	0.64
10.42	45.23	3.19	0.64
11.52	64.62	2.28	0.35
11.05	66.72	1.89	0.36
13.46	35.73	1.92	0.34
9.74	86.49	1.92	0.34
13.11	21.17	1.92	0.34
13.95	33.95	1.92	0.34
11.24	86.11	1.83	0.41
15.86	29.35	2.03	0.35
14.52	52.84	1.92	0.36
14.80	37.28	2.01	0.33
8.50	73.48	2.01	0.33
10.98	56.13	2.01	0.33
12.45	30.15	2.01	0.33
12.10	42.03	1.95	0.25
9.47	62.39	2.40	0.49
13.70	29.00	2.40	0.49
12.03	56.54	2.40	0.49
13.01	41.47	2.25	0.43
15.45	4.15	2.25	0.43
11.20	70.59	2.39	0.50
14.16	46.98	2.39	0.50
9.75	79.50	1.77	0.36
10.33	60.90	1.77	0.36
9.73	50.72	1.77	0.36
11.84	54.88	1.77	0.36
11.14	89.02	2.21	0.27
12.49	39.74	2.21	0.27
9.63	70.15	1.67	0.33
12.05	48.53	2.09	0.35
15.87	30.51	2.22	0.37
12.44	64.54	2.22	0.37
9.66	73.19	2.89	0.42

11.95	50.05	2.89	0.42
10.29	79.56	2.89	0.42
12.19	62.02	2.89	0.42
9.70	71.81	1.93	0.38
9.64	83.67	1.93	0.38
9.03	45.94	1.93	0.38
11.40	36.41	1.93	0.38
11.95	75.66	2.28	0.46
9.10	81.03	1.82	0.35
12.39	37.11	1.82	0.35
9.92	61.49	2.01	0.30
11.98	80.98	2.01	0.30
13.79	50.84	1.97	0.32
8.01	75.37	1.97	0.32
10.45	43.39	1.97	0.32

C3-107	12.04	78.07	2.24	0.47
	14.93	52.67	2.24	0.47
	13.53	44.92	2.24	0.47
	14.34	54.09	2.24	0.47
	14.67	25.30	2.24	0.47
	12.73	73.12	2.24	0.47
	12.15	61.69	2.52	0.27
	15.12	86.43	2.38	0.42
	14.02	51.76	2.61	0.36
	14.86	76.79	2.13	0.41
	14.01	88.17	2.44	0.48
	15.58	28.63	2.03	0.46
	15.04	43.36	2.29	0.68
	16.03	45.40	2.29	0.68
	14.17	63.11	2.60	0.44
	15.50	35.40	2.60	0.44
	16.43	34.42	1.98	0.31
	15.30	51.06	1.98	0.31
	15.24	83.38	1.98	0.31
	16.81	10.76	1.98	0.31
	15.58	29.26	1.98	0.31
	14.61	51.51	1.98	0.31
	14.94	44.78	2.38	0.40
	16.39	69.47	2.41	0.43
	15.54	51.50	2.41	0.43
	15.82	69.34	2.19	0.35
	15.98	55.26	2.19	0.35
	14.70	62.15	2.19	0.35
	14.79	40.00	2.19	0.35
	10.92	84.10	2.19	0.35

15.63	81.84	2.19	0.35
15.47	78.29	2.24	0.35
15.98	58.60	2.24	0.35
15.31	58.44	2.24	0.35
15.41	74.45	2.46	0.40
15.06	69.94	2.46	0.40
14.68	45.80	2.46	0.40
15.28	49.77	2.55	0.48
15.20	69.24	2.55	0.48
14.84	54.58	2.55	0.48
15.03	62.20	2.55	0.48
14.63	29.95	2.55	0.48
14.18	70.63	2.55	0.48
18.09	31.68	2.55	0.48
15.84	68.30	2.26	0.46
15.20	52.05	2.26	0.46
17.20	18.41	2.26	0.46
14.68	62.34	2.21	0.43
16.20	53.38	2.21	0.43
15.74	52.62	2.34	0.43
15.21	31.36	2.34	0.43
16.08	88.12	2.41	0.49
15.05	46.42	2.41	0.49
13.49	80.69	2.41	0.49
14.01	53.18	2.41	0.49
16.24	58.41	2.38	0.43
15.41	57.87	2.38	0.43
14.39	69.44	2.38	0.43
15.87	78.43	2.42	0.35
14.32	78.15	2.42	0.35
15.14	38.96	2.42	0.35
14.98	63.21	2.18	0.43
15.11	86.09	2.22	0.37
14.17	67.26	2.23	0.45
13.92	70.38	2.23	0.45
14.95	53.11	2.23	0.45
14.39	60.17	2.36	0.54
14.21	45.19	2.36	0.54
15.13	68.90	2.36	0.54
14.54	69.64	2.36	0.54
15.06	53.64	2.29	0.43
15.11	43.32	2.29	0.43
14.86	38.70	2.29	0.43
14.97	47.23	2.29	0.43
15.80	48.14	2.29	0.43
15.24	32.11	2.42	0.33
15.79	47.41	2.42	0.33

16.07	62.62	2.42	0.33
10.81	76.95	2.42	0.33
10.41	69.39	2.42	0.33
14.70	51.11	2.42	0.33
14.96	70.11	2.42	0.33
16.34	73.78	2.42	0.33
15.39	28.82	2.42	0.33
14.32	44.11	2.50	0.62
15.75	34.27	2.50	0.62
12.07	71.73	2.50	0.62
15.19	45.37	2.29	0.52
13.85	81.01	2.29	0.52
13.25	61.33	2.29	0.52
14.02	80.29	2.29	0.52
13.69	48.66	2.29	0.52
14.32	57.27	2.34	0.38
14.80	55.01	2.34	0.38
14.49	77.12	2.34	0.38
14.76	17.08	2.34	0.38
14.32	50.79	2.12	0.43
15.17	51.11	2.55	0.42
15.79	54.27	2.55	0.42
14.19	81.47	2.43	0.39
13.54	63.79	2.43	0.39
15.08	43.97	2.43	0.39
15.66	78.94	2.43	0.39
14.22	38.41	2.43	0.39
14.36	44.27	2.43	0.39
13.95	80.16	2.43	0.39
16.19	68.07	2.04	0.39
16.31	12.57	2.04	0.39
12.71	74.56	2.04	0.39
14.18	64.10	2.04	0.39
16.30	36.14	2.04	0.39
16.13	32.50	2.04	0.39
13.67	54.88	2.37	0.35
14.40	34.25	2.37	0.35
15.76	32.81	2.37	0.35
15.32	58.47	2.37	0.35
14.12	55.44	2.37	0.35
14.46	57.65	2.37	0.35
15.66	76.06	2.37	0.35
14.66	62.12	2.37	0.35
10.42	50.49	2.37	0.35
17.24	47.05	2.27	0.41
14.57	67.57	2.27	0.41
15.78	48.16	2.27	0.41

14.36	36.87	2.27	0.41
16.47	55.35	2.27	0.41
16.10	44.18	2.27	0.41
16.10	33.37	2.27	0.41
15.39	76.35	2.99	0.43
15.31	36.38	2.99	0.43
15.56	49.18	2.60	0.37
16.54	43.78	2.60	0.37
14.84	54.36	2.60	0.37
14.84	71.25	2.60	0.37
16.76	38.55	2.60	0.37
16.43	43.85	2.60	0.37
13.91	51.77	2.19	0.44
15.34	73.58	2.49	0.45
14.97	54.67	2.49	0.45
15.88	84.23	2.49	0.45
16.49	19.49	2.49	0.45
17.49	32.84	2.22	0.35
15.39	48.70	2.22	0.35
12.47	72.98	2.22	0.35
15.53	76.86	2.27	0.42
15.15	48.44	2.27	0.42
14.85	76.04	2.27	0.42
14.56	72.12	2.46	0.46
13.19	67.01	2.46	0.46
15.49	62.98	2.46	0.46
14.91	50.62	2.46	0.46
15.84	69.43	2.46	0.46
13.99	68.26	2.46	0.46
14.66	46.72	2.47	0.35
15.36	54.25	2.47	0.35
13.36	68.97	2.47	0.35
16.71	27.71	2.47	0.35
14.43	61.23	2.04	0.35
15.57	70.67	2.04	0.35
14.75	84.27	2.04	0.35
15.86	44.36	2.04	0.35
15.25	32.55	2.16	0.44
16.74	33.12	2.34	0.41
13.50	54.20	2.34	0.41
15.51	64.92	2.38	0.49
15.15	22.93	2.38	0.49
14.63	74.34	2.38	0.49
15.73	52.57	2.38	0.49
15.93	62.63	2.38	0.49
16.13	70.61	2.41	0.50
17.52	70.64	2.41	0.50

C3-177	15.24	46.62	2.14	0.30
	14.88	67.38	2.14	0.30
	14.42	71.87	1.84	0.33
	15.91	74.79	2.01	0.42
	17.63	73.36	2.01	0.42
	14.20	52.50	2.01	0.42
	15.09	54.60	2.01	0.42
	15.47	72.36	2.17	0.27
	15.06	59.05	2.17	0.27
	14.98	52.87	2.17	0.27
	17.67	30.56	2.30	0.34
	15.40	41.54	2.30	0.34
	14.99	83.19	2.11	0.38
	15.77	48.15	1.99	0.34
	16.46	28.43	2.57	0.42
	16.78	46.00	2.57	0.42
	9.38	77.91	2.57	0.42
	17.50	56.75	2.57	0.42
	16.02	44.88	2.57	0.42
	17.88	46.58	2.57	0.42
	17.27	33.62	2.57	0.42
	14.14	71.15	2.53	0.43
	14.77	83.38	2.53	0.43
	15.16	50.76	1.84	0.25
	14.81	53.75	1.84	0.25
	14.74	44.97	1.84	0.25
	14.09	69.94	2.20	0.38
	14.03	60.40	2.20	0.38
	14.30	66.44	2.20	0.38
	13.98	41.34	2.20	0.38
	13.31	79.84	1.88	0.36
	14.41	44.32	2.02	0.38
	15.18	85.31	2.02	0.38
	15.48	63.60	2.02	0.38
	15.14	65.25	2.02	0.38
	14.96	66.15	2.15	0.32
	13.80	69.49	2.21	0.35
	15.96	58.62	2.21	0.35
	14.97	51.08	2.21	0.35
	14.42	32.86	2.21	0.35
	15.85	52.51	2.21	0.35
	15.50	48.85	2.10	0.30
	13.72	64.61	2.10	0.30
	14.89	48.17	2.10	0.30
	16.88	44.98	2.18	0.75

15.04	76.03	2.18	0.75
12.63	78.73	2.18	0.75
14.49	42.04	2.18	0.75
14.55	80.89	2.18	0.75
16.48	76.96	2.18	0.75
15.38	40.53	2.20	0.31
13.76	81.90	2.20	0.31
15.32	67.90	2.10	0.32
15.71	39.93	1.99	0.34
13.29	50.89	1.99	0.34
14.96	41.54	2.13	0.37
16.06	56.39	2.13	0.37
14.12	55.26	2.13	0.37
15.32	17.04	1.91	0.24
14.15	70.06	1.91	0.24
15.30	41.32	1.91	0.24
15.28	40.20	2.09	0.35
13.97	65.39	2.09	0.35
12.14	54.11	2.09	0.35
15.66	71.72	2.64	0.64
15.39	46.36	2.64	0.64
14.69	36.97	1.87	0.37
15.33	60.14	1.87	0.37
13.78	48.51	1.87	0.37
14.80	30.25	2.01	0.44
15.45	54.21	2.01	0.44
15.88	75.50	2.01	0.44
16.76	61.54	2.01	0.44
15.35	20.07	2.01	0.44
15.44	32.69	2.01	0.44
13.63	56.65	2.43	0.37
15.36	41.34	2.10	0.30
15.15	16.21	2.27	0.36
14.73	63.27	2.05	0.40
14.91	63.34	2.25	0.35
16.26	42.07	2.25	0.35
13.07	53.92	2.29	0.46
14.57	45.21	2.29	0.46
16.22	71.02	2.29	0.46
13.57	76.64	2.29	0.46
13.47	61.30	2.29	0.46
14.47	56.11	2.29	0.46
14.79	56.00	2.29	0.46
15.37	63.75	2.29	0.46
14.58	37.02	2.29	0.46
15.41	29.63	2.35	0.46
12.61	67.25	2.35	0.46

14.08	79.58	2.35	0.46
14.90	61.75	2.35	0.46
16.25	55.15	2.35	0.46
17.27	18.11	2.35	0.46
14.40	65.30	2.35	0.46
14.86	51.30	2.35	0.46
14.11	65.12	2.35	0.46
15.22	54.86	2.35	0.46
13.95	63.12	2.35	0.46
15.82	57.31	2.35	0.46
14.53	43.56	2.35	0.46
14.70	88.65	2.35	0.46
14.34	62.89	2.35	0.46
14.43	45.74	2.53	0.32
16.48	52.84	2.53	0.32
14.53	49.53	2.53	0.32
11.88	67.13	2.53	0.32
14.44	45.72	2.53	0.32
13.77	51.56	2.53	0.32
15.23	36.32	2.15	0.36
15.17	56.22	2.15	0.36
14.10	54.64	2.15	0.36
14.58	61.84	2.15	0.36
16.36	71.71	2.19	0.30
13.21	56.08	2.19	0.30
15.13	80.82	2.19	0.30
12.44	73.48	2.19	0.30
15.52	67.52	2.19	0.30
16.63	39.71	2.15	0.42
13.95	51.09	2.15	0.42
15.27	38.05	2.13	0.41
15.79	73.12	2.13	0.41
15.09	70.79	2.22	0.39
16.41	47.19	2.22	0.39
14.14	41.81	2.22	0.39
14.89	62.39	2.22	0.39
14.71	70.18	2.22	0.39
15.61	34.56	1.88	0.36
13.00	72.75	2.32	0.46
12.99	54.18	2.32	0.46
15.92	48.57	2.32	0.46
15.14	86.74	2.32	0.46
14.05	39.53	2.32	0.46
14.73	27.16	1.98	0.43
14.70	43.67	1.98	0.43
76.40	87.18	2.09	0.45
14.18	54.11	2.09	0.45

15.13	77.63	2.09	0.45
12.66	77.13	2.09	0.45
15.09	45.46	1.80	0.35
10.78	55.63	1.80	0.35
15.90	65.93	2.35	0.42
15.26	57.23	2.35	0.42
15.47	42.89	2.35	0.42
14.96	89.27	2.02	0.40
14.39	69.71	2.73	0.57
14.43	18.84	2.73	0.57
14.42	87.26	1.99	0.32
14.22	67.25	2.22	0.38
15.84	70.38	2.22	0.38
16.15	37.06	1.73	0.42
16.48	48.32	1.73	0.42
14.15	74.97	1.73	0.42
16.26	62.55	1.73	0.42
14.87	60.50	2.09	0.37
15.50	41.80	2.09	0.37
14.27	48.77	1.70	0.34
14.10	84.48	1.70	0.34
16.49	37.42	2.34	0.47
14.07	54.44	2.18	0.42
14.36	62.91	2.65	0.66
15.94	33.95	2.65	0.66
15.96	51.05	2.32	0.46
15.60	51.44	2.32	0.46
16.50	38.60	2.32	0.46
15.49	55.11	2.32	0.46
14.99	36.45	2.32	0.46
14.10	62.19	2.12	0.49
15.39	38.28	2.12	0.49
14.63	27.92	2.12	0.49
15.42	34.00	2.19	0.40
16.40	38.79	2.19	0.40
15.95	25.09	2.25	0.39
15.70	51.87	1.72	0.33
13.28	71.31	1.94	0.30
15.09	71.81	1.94	0.30

C7-51-rep-1	13.76	81.64	1.78	0.35
	14.11	66.74	1.78	0.35
	14.50	70.07	1.78	0.35
	15.06	63.97	1.78	0.35
	14.89	34.22	1.78	0.35
	13.61	55.55	1.78	0.35

15.03	30.11	1.78	0.35
14.35	81.46	1.78	0.35
14.51	59.47	1.78	0.35
12.35	83.19	1.78	0.35
13.74	49.43	1.78	0.35
16.42	38.07	1.78	0.35
15.39	26.99	4.02	1.15
17.88	53.60	4.02	1.15
14.48	61.49	2.09	0.30
14.85	74.32	2.09	0.30
13.80	44.67	2.09	0.30
16.01	6.55	2.09	0.30
15.77	43.40	2.09	0.30
15.82	38.68	2.09	0.30
13.85	34.53	2.28	0.47
14.03	38.42	2.28	0.47
14.42	34.96	2.28	0.47
14.28	38.30	2.28	0.47
15.69	24.09	1.69	0.32
10.59	67.50	2.19	0.35
13.37	66.72	2.19	0.35
15.17	41.28	2.36	0.37
13.94	57.35	2.36	0.37
14.17	50.44	2.36	0.37
15.10	29.55	2.36	0.37
15.81	33.62	2.36	0.37
15.80	28.88	2.36	0.37
12.25	34.38	2.29	0.50
15.05	31.39	2.29	0.50
13.93	54.01	2.29	0.50
14.88	42.27	2.39	0.34
13.60	39.42	2.17	0.35
14.09	20.73	1.93	0.30
15.26	34.84	1.93	0.30
15.14	49.57	1.93	0.30
17.05	45.46	2.04	0.36
14.16	74.14	2.04	0.36
15.99	36.58	1.82	0.35
13.60	59.30	2.11	0.40
14.41	71.78	2.11	0.40
14.27	73.31	2.11	0.40
15.12	36.61	2.11	0.40
16.15	5.41	2.11	0.40
13.38	78.67	2.11	0.40
14.09	65.56	2.11	0.40
16.31	55.47	2.18	0.28
15.10	47.60	2.18	0.28

14.41	75.73	2.21	0.65
16.58	46.10	2.21	0.65
12.65	79.00	2.14	0.41
16.42	62.91	2.14	0.41
14.83	51.60	2.14	0.41
14.81	77.91	2.05	0.35
14.14	59.67	2.05	0.35
14.44	78.64	2.25	0.51
12.64	54.26	2.25	0.51
13.93	28.96	2.25	0.51
13.65	69.19	1.87	0.30
11.70	69.04	1.87	0.30
14.00	77.25	1.87	0.30
14.62	75.94	1.87	0.30
14.99	16.72	1.87	0.30
14.01	47.81	1.96	0.51
14.35	37.59	1.98	0.39
11.39	75.53	2.40	0.51
15.94	58.31	2.40	0.51
13.11	49.52	2.40	0.51
15.71	53.79	2.01	0.33
14.37	64.23	2.01	0.33
13.74	51.94	2.01	0.33
13.99	60.46	2.01	0.33
12.18	39.50	2.36	0.37
14.33	60.39	2.36	0.37
15.65	56.35	2.36	0.37
14.23	55.27	2.36	0.37
13.87	51.21	2.36	0.37
14.16	79.50	2.36	0.37
14.24	73.42	2.36	0.37
13.41	63.67	2.41	0.39
14.36	51.18	2.41	0.39
14.20	49.23	1.85	0.35
13.60	71.18	1.85	0.35
14.96	64.07	1.85	0.35
13.90	64.35	2.02	0.38
15.05	32.43	2.02	0.38
14.09	58.29	2.18	0.45
16.18	50.24	2.18	0.45
14.62	72.47	2.18	0.45
14.14	83.19	1.90	0.45
15.20	42.30	2.20	0.43
15.01	18.65	2.20	0.43
14.16	48.54	2.20	0.43
15.55	41.67	2.20	0.43
14.18	81.79	2.20	0.43

14.38	44.51	2.78	0.72
12.96	52.74	2.78	0.72
14.91	63.20	2.78	0.72
15.30	73.63	2.78	0.72
14.22	60.91	2.78	0.72
14.75	37.62	2.78	0.72
14.94	62.01	2.25	0.44
15.00	69.06	2.25	0.44
10.31	65.30	2.25	0.44
15.10	19.41	2.25	0.44
14.53	58.91	2.25	0.44
14.02	61.17	2.25	0.44
14.89	67.13	2.25	0.44
15.36	65.45	2.25	0.44
15.17	29.82	2.21	0.63
14.89	88.94	2.21	0.63
16.65	27.57	2.21	0.63
17.33	31.57	2.21	0.63
16.30	27.20	2.21	0.63
14.05	44.91	2.03	0.46
14.60	44.52	2.03	0.46
15.88	42.34	2.03	0.46
16.53	28.23	2.32	0.45
14.24	53.27	2.32	0.45
15.54	21.54	2.32	0.45
15.46	67.96	2.32	0.45
14.95	45.14	2.32	0.45
15.72	31.27	2.32	0.45
13.95	55.37	2.32	0.45
14.62	53.07	2.32	0.45
16.01	54.25	2.32	0.45
14.69	51.32	2.32	0.45
15.24	21.93	2.32	0.45
15.84	46.55	2.18	0.37
14.71	42.67	2.18	0.37
15.19	34.25	2.18	0.37
13.08	58.21	2.18	0.37
15.69	50.26	2.18	0.37
14.72	61.19	2.27	0.46
14.65	80.67	2.27	0.46
14.24	73.46	2.27	0.46
15.22	54.95	2.27	0.46
14.67	26.69	2.11	0.38
14.91	43.52	2.11	0.38
15.08	41.99	1.89	0.30
13.21	75.27	1.89	0.30
14.22	35.30	1.89	0.30

15.32	18.87	1.89	0.30
13.96	78.93	1.89	0.30
12.74	46.53	1.89	0.30
14.88	66.41	1.89	0.30
13.95	61.31	1.89	0.30
14.97	52.09	1.89	0.30
16.03	17.75	1.89	0.30
16.17	27.46	2.13	0.34
14.17	59.04	2.13	0.34
15.55	63.68	2.13	0.34
15.33	83.10	2.14	0.42
15.52	38.05	2.14	0.42
13.69	61.10	1.92	0.35
15.34	69.35	1.92	0.35
13.71	58.68	1.92	0.35
14.73	58.68	1.92	0.35
13.70	45.94	1.92	0.35
16.93	38.64	2.21	0.46

C7-51-rep-2	15.02	82.38	1.82	0.27
	14.63	29.40	1.82	0.27
	13.48	62.73	1.82	0.27
	14.99	52.35	1.82	0.27
	14.19	81.39	2.37	0.41
	13.59	63.01	1.95	0.26
	14.88	39.36	1.64	0.30
	15.09	48.07	1.64	0.30
	15.76	44.22	1.56	0.30
	14.14	56.56	1.46	0.39
	12.53	75.68	1.87	0.31
	13.02	71.42	1.87	0.31
	11.46	83.17	1.87	0.31
	14.74	61.64	1.87	0.31
	15.04	37.79	1.87	0.31
	13.00	71.17	1.87	0.31
	14.28	55.02	1.87	0.31
	9.60	71.89	1.87	0.31
	13.69	67.72	1.87	0.31
	15.46	41.19	1.64	0.31
	14.12	58.54	1.64	0.31
	16.49	31.88	1.87	0.24
	12.29	68.84	1.87	0.24
	16.83	32.17	1.78	0.26
	13.99	71.58	1.78	0.26
	13.80	51.04	1.78	0.26
	9.43	57.86	1.78	0.26

14.82	66.79	1.81	0.31
15.44	31.20	1.81	0.31
14.67	75.50	1.81	0.31
14.54	53.87	1.81	0.31
14.16	18.92	1.81	0.31
14.61	76.62	1.81	0.31
15.38	35.06	1.81	0.31
14.84	43.19	1.81	0.31
12.42	68.30	3.35	0.35
15.10	82.36	1.57	0.25
14.32	45.88	1.87	0.32
16.69	49.62	1.87	0.32
16.06	33.71	1.87	0.32
14.26	88.94	1.87	0.32
15.53	40.47	2.22	0.51
11.37	55.38	2.22	0.51
14.22	59.71	2.22	0.51
14.83	39.76	1.96	0.25
15.19	39.05	1.96	0.25
15.74	47.34	1.96	0.25
14.90	45.51	1.96	0.25
11.76	74.31	1.96	0.25
16.14	34.28	1.99	0.27
13.97	29.98	1.99	0.27
14.70	68.06	2.06	0.34
13.72	51.57	2.06	0.34
12.43	34.84	1.90	0.27
14.21	59.25	1.90	0.27
15.86	30.53	1.90	0.27
14.04	64.87	1.90	0.27
13.94	69.75	1.90	0.27
14.35	63.25	1.77	0.28
14.22	66.56	1.77	0.28
15.33	48.05	1.87	0.28
12.86	63.01	1.91	0.30
13.33	33.04	1.91	0.30
12.57	71.40	1.95	0.29
14.38	48.28	1.95	0.29
12.96	52.42	1.95	0.29
13.94	72.25	1.98	0.28
11.12	80.75	1.98	0.28
14.82	46.25	1.98	0.28
11.57	69.80	2.08	0.36
15.20	44.31	2.08	0.36
14.23	69.43	2.08	0.36
15.17	25.48	2.08	0.36
14.74	56.92	2.08	0.36

14.50	70.18	2.08	0.36
16.77	32.40	1.61	0.30
15.15	78.25	1.61	0.30
12.69	81.98	2.21	0.33
15.03	81.40	2.21	0.33
15.51	52.32	2.21	0.33
14.80	79.72	2.21	0.33
14.03	41.88	2.21	0.33
14.92	82.03	1.81	0.30
13.89	62.31	1.81	0.30
13.02	54.81	1.83	0.29
14.18	38.89	1.83	0.29
13.49	54.03	1.83	0.29
15.52	62.05	2.07	0.37
13.93	69.27	2.07	0.37
15.05	44.25	2.07	0.37
15.15	31.85	2.00	0.35
12.55	75.40	2.00	0.35
11.35	68.46	2.00	0.35
13.73	54.10	2.00	0.35
13.48	58.01	2.00	0.35
14.45	74.88	2.00	0.35
12.28	57.62	2.00	0.35
10.59	82.49	2.00	0.35
14.67	56.98	2.00	0.35
13.94	45.05	1.83	0.30
14.88	25.49	1.71	0.29
12.90	53.43	1.71	0.29
13.81	48.80	1.71	0.29
16.00	23.80	1.71	0.29
14.50	77.59	1.73	0.22
14.59	59.79	2.71	0.45
12.42	81.51	2.71	0.45
15.00	33.10	2.71	0.45
11.93	67.13	2.71	0.45
15.00	74.07	1.78	0.25
11.48	81.61	1.78	0.25
12.96	49.37	1.78	0.25
13.90	61.17	1.78	0.25
13.16	41.23	1.78	0.25
2.74	80.85	1.78	0.25
13.78	28.31	2.37	0.33
14.83	74.63	1.82	0.41
13.90	40.88	1.70	0.33
14.18	71.44	1.92	0.36
15.10	70.00	2.21	0.35
14.04	45.26	1.71	0.29

13.78	69.08	1.71	0.29
12.55	54.55	1.71	0.29
14.51	73.35	1.71	0.29
13.37	67.93	1.71	0.29
14.38	73.90	1.71	0.29
13.52	75.01	1.71	0.29
14.04	75.37	1.71	0.29
15.50	57.25	2.31	0.40
15.05	45.05	2.31	0.40
13.02	38.04	2.31	0.40
16.04	28.37	2.31	0.40
13.86	54.92	2.39	0.34
7.29	76.38	2.39	0.34
12.04	68.09	2.39	0.34
15.92	39.06	2.23	0.28
15.54	29.13	2.23	0.28
15.09	4.86	1.55	0.24
14.17	15.49	1.55	0.24
14.78	40.37	1.55	0.24
14.23	64.63	1.97	0.25
16.68	43.90	1.97	0.25
11.34	62.22	1.96	0.26
16.51	19.19	1.76	0.35
12.30	57.28	1.67	0.29
14.42	14.50	1.67	0.29
15.51	18.28	1.73	0.25
12.64	63.30	1.73	0.25
12.65	43.02	1.67	0.27
14.82	58.04	1.72	0.33
11.24	57.05	1.72	0.33
13.79	40.13	1.72	0.33
14.33	58.46	1.72	0.33

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13.47	75.50	2.52	0.55
14.20	67.88	2.52	0.55
14.87	36.50	2.52	0.55
14.77	72.22	2.66	0.50
14.12	45.58	2.66	0.50
14.96	31.71	2.66	0.50
12.64	58.00	2.66	0.50
16.15	46.25	2.66	0.50
15.44	49.49	2.66	0.50
16.18	39.95	2.66	0.50
14.95	75.10	2.66	0.50
15.52	69.52	2.70	0.46
15.52	39.97	2.70	0.46

14.23	78.60	2.52	0.43
15.20	63.47	2.52	0.43
14.87	65.83	2.52	0.43
14.70	49.36	2.29	0.54
14.10	73.03	2.29	0.54
16.23	33.11	2.54	0.43
16.04	29.61	2.54	0.43
15.01	53.34	2.54	0.43
16.38	50.48	1.92	0.40
12.56	62.60	1.92	0.40
14.98	61.93	1.92	0.40
15.90	58.61	2.73	0.47
15.12	85.93	2.73	0.47
13.54	88.94	2.73	0.47
13.01	61.66	2.73	0.47
17.05	54.51	2.73	0.47
15.25	39.58	2.49	0.54
14.78	48.93	2.49	0.54
16.40	33.54	2.49	0.54
15.33	64.10	2.49	0.54
16.37	21.73	2.49	0.54
14.18	57.63	1.97	0.37
15.82	82.16	2.38	0.36
15.01	40.77	2.57	0.64
15.07	64.48	2.53	0.58
14.65	89.33	2.53	0.58
14.73	44.24	2.53	0.58
15.96	70.39	2.53	0.58
14.38	53.81	2.28	0.49
14.31	55.67	2.28	0.49
13.87	47.17	2.28	0.49
14.02	83.77	2.02	0.33
14.26	73.70	2.02	0.33
15.41	36.49	2.33	0.44
14.65	37.02	2.33	0.44
16.35	40.57	2.06	0.51
14.86	60.09	2.06	0.51
15.43	41.25	2.06	0.51
12.89	53.50	2.06	0.51
13.85	75.12	2.12	0.32
15.15	73.10	2.12	0.32
14.42	81.58	2.12	0.32
15.79	51.10	1.97	0.41
15.03	64.76	1.97	0.41
15.02	49.45	1.97	0.41
15.96	21.47	2.10	0.34
14.31	72.61	2.10	0.34

16.34	44.23	2.10	0.34
16.34	23.67	2.10	0.34
13.28	70.51	2.33	0.57
15.97	41.04	2.21	0.41
15.00	63.23	2.21	0.41
15.02	52.86	2.21	0.41
15.37	20.31	2.21	0.41
11.91	70.53	2.50	0.41
11.73	65.51	2.50	0.41
12.54	50.54	2.50	0.41
15.31	43.06	2.50	0.41
15.13	60.42	2.22	0.38
15.13	42.92	2.22	0.38
15.54	41.02	2.22	0.38
14.62	60.09	2.22	0.38
11.87	77.47	2.23	0.57
14.70	36.03	2.23	0.57
16.62	69.01	2.17	0.38
15.27	70.26	2.04	0.45
15.69	81.44	2.04	0.45
13.97	60.54	2.04	0.45
16.09	29.87	2.04	0.45
14.25	68.95	2.38	0.52
14.60	69.22	2.38	0.52
16.20	47.23	2.38	0.52
15.16	49.32	1.93	0.31
13.94	58.54	1.93	0.31
13.70	74.95	1.93	0.31
14.47	47.05	1.93	0.31
12.93	65.88	1.93	0.31
14.02	46.23	1.93	0.31
15.25	59.13	1.93	0.31
16.37	40.96	2.12	0.39
14.25	46.47	2.12	0.39
14.32	82.22	2.72	0.49
15.36	29.04	2.72	0.49
16.36	33.75	2.72	0.49
17.68	31.89	2.26	0.46
13.60	60.97	2.26	0.46
17.69	22.97	2.26	0.46
15.57	26.60	2.15	0.41
15.12	42.68	2.15	0.41
13.26	55.99	2.15	0.41
15.11	69.90	2.15	0.41
15.76	30.77	2.15	0.41
14.37	30.23	2.15	0.41
86.53	28.95	2.30	0.54

15.19	52.46	2.27	0.40
16.95	36.61	2.36	0.58
15.57	4.37	2.36	0.58
13.62	62.49	2.36	0.58
16.97	21.91	2.36	0.58
16.05	31.29	2.50	0.35
14.92	67.21	2.50	0.35
14.69	47.99	2.50	0.35
15.49	38.91	2.50	0.35
15.96	51.98	2.50	0.35
15.17	78.67	2.33	0.53
13.73	60.11	2.02	0.29
15.25	54.62	2.02	0.29
14.19	62.42	2.02	0.29
15.31	16.17	2.02	0.29
15.37	82.39	2.40	0.40
16.43	20.84	2.40	0.40
15.94	72.35	2.16	0.48
15.57	77.74	2.16	0.48
14.72	81.21	2.16	0.48
14.27	51.38	2.43	0.39
14.45	44.15	2.43	0.39
14.18	70.87	2.43	0.39
15.92	42.37	2.43	0.39
14.89	62.25	2.38	0.46
14.75	74.81	2.38	0.46
14.73	56.78	2.38	0.46
13.88	40.04	2.38	0.46
14.58	69.55	2.38	0.46
13.89	66.40	2.38	0.46
14.87	58.69	2.38	0.46
16.05	31.98	2.38	0.46
14.80	70.08	2.38	0.46
14.70	45.27	2.38	0.46
14.46	39.94	1.91	0.47
14.35	88.71	1.91	0.47
13.09	60.68	1.91	0.47
14.36	43.47	1.91	0.47
15.01	71.92	1.91	0.47
14.34	45.92	1.91	0.47
14.57	51.58	1.91	0.47
14.32	45.15	1.91	0.47
15.21	71.31	1.98	0.32
14.88	47.93	1.98	0.32
12.98	74.58	1.98	0.32
15.39	66.18	1.98	0.32
14.95	57.71	2.08	0.41

16.37	46.23	2.08	0.41
15.29	50.06	2.17	0.41
15.94	45.93	2.17	0.41
15.92	50.78	2.17	0.41
14.92	66.12	2.17	0.41
13.39	74.89	1.15	1.53
15.31	66.49	1.15	1.53
14.55	71.59	2.64	0.49
16.80	38.34	2.64	0.49
14.44	53.41	2.07	0.30
15.09	51.22	2.07	0.30
14.12	44.90	2.07	0.30
15.43	81.62	2.07	0.30
15.34	50.93	2.07	0.30
14.46	60.26	2.07	0.30
14.67	68.64	2.75	0.56
14.95	43.25	2.75	0.56
16.09	34.43	2.75	0.56
15.94	54.66	2.21	0.43
15.16	38.22	2.21	0.43
15.21	21.80	2.44	0.38
14.70	73.29	2.44	0.38

Table DR6. (U-Th)/He Analytical Data

Sample	A2Z Code	U (ppm)	Th (ppm)	eU (ppm)	He (nmol/g)	Req*	w1 (μm)	w2 (μm)	l1 (μm)	l2 (μm)	Mass (μg)	Ft**	Morphology	Raw date (Ma)	Corrected He age (Ma)	$\pm 2\sigma$ *** (Ma)
KL-2285-1	1243-6-1	15.8	30.1	22.9	7.76	43.7	77	85	175	168	2.330	0.67	3	62.2	93.4	5.6
KL-2285-2	1243-6-2	5.8	9.0	7.9	2.86	35.9	68	67	131	133	1.250	0.60	3	66.2	110.5	6.6
KL-2285-3	1243-6-3	3.8	9.8	6.1	2.55	31.3	52	59	161	160	1.020	0.54	3	76.5	142.6	8.6
KL-2285-4	1243-6-4	5.4	29.5	12.3	3.82	39.4	75	66	189	187	1.940	0.62	3	56.8	92.3	5.5
KL-2285-5	1243-6-5	9.5	36.8	18.1	5.60	33.3	69	60	107	111	9.400	0.56	3	56.6	102.0	6.1
KL-3400-1	1243-7-1	2.5	7.0	4.1	1.32	43.4	76	75	253	251	2.980	0.66	3	58.4	88.7	5.3
KL-3400-2	1243-7-2	3.4	9.1	5.5	6.45	31.1	58	55	135	136	0.896	0.54	3	211.4	393.4	23.6
KL-3400-3	1243-7-3	76.3	139.4	109.1	25.16	26.1	44	46	162	159	0.673	0.46	3	42.4	93.0	5.6
KL-3400-4	1243-7-4	3.3	9.0	5.4	1.46	25.2	43	46	131	132	0.540	0.43	3	49.5	114.8	6.9
KL-3400-5	1243-7-5	5.5	15.8	9.2	2.92	32.1	65	53	128	135	0.948	0.54	3	58.1	107.0	6.4
CJ-5515-1	1243-4-1	20.4	74.5	37.9	5.27	19.5	34	34	112	108	0.263	0.29	3	25.6	89.3	5.4
CJ-5515-2	1243-4-2	7.5	73.2	24.7	0.39	19.9	39	34	83	85	0.232	0.28	3	2.9	10.5	0.6
CJ-5515-3	1243-4-3	30.1	65.4	45.5	5.22	14.4	25	29	54	53	0.081	0.13	3	21.1	165.2	9.9
CJ-7395-1	1243-5-1	2.5	23.3	8.0	0.18	24.4	44	51	80	77	0.367	0.39	3	4.1	10.5	0.6
CJ-7395-2	1243-5-2	34.0	75.1	51.6	1.33	21.3	36	42	90	89	0.282	0.35	3	4.7	13.6	0.8

*calculated using polynomial equation from Farley (2002) and average measured grain width and length

**Effective Ft from Ketcham et al. (2011), Ft for grains with Req < 30 μm from Farley et al. (1996); all corrections assume stopping distances from Ketcham et al. (2011)

***assumed 6% 2 standard deviation uncertainties on single grain ages, based on Durango apatite reproducibility, which is larger than propagated analytical uncertainties

Table DR7. Borehole Temperature Data

Well	Depth (ft)	Depth (km)	¹ Tmax (°f)	² Teq (°f)	³ Tbest (°f)	Tbest (°C)
Klondike	0	0.000	-	-	-	2
Klondike	3293	1.004	72	74	74	23
Klondike	9139	2.786	166	-	166	74
Klondike	12008	3.660	250	-	250	121
					⁴ Geotherm:	31.7
Crackerjack	0	0.000	-	-	-	2
Crackerjack	5500	1.676	121	122	122	50
Crackerjack	8345	2.544	178	186	186	86
					⁴ Geotherm:	32.3
Popcorn	0	0.000	-	-	-	2
Popcorn	1306	0.398	57	-	57	14
Popcorn	5250	1.600	129	-	129	54
Popcorn	5179	1.579	138	-	138	59
Popcorn	10202	3.110	228	-	228	109
					⁴ Geotherm:	34.6
Burger	0	0.000	-	-	-	2
Burger	1492	0.455	56	-	56	13
Burger	5564	1.696	119	-	119	48
					⁴ Geotherm:	27.5

¹maximum measured bottom hole temperature at given depth

²bottom hole temperature (BHT) calculated using Horner plot technique, only for intervals with time series of BHT measurements

³Tmax for intervals with a single BHT measurement, Teq for intervals with a time series of BHT measurements

⁴geothermal gradients in units of °C/km, seafloor temperature of 2°C is assumed