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Glacial History and Landscape Evolution of Southern Cumberland Peninsula, Baffin Island, Canada, Constrained by Cosmogenic ^{10}Be and ^{26}Al

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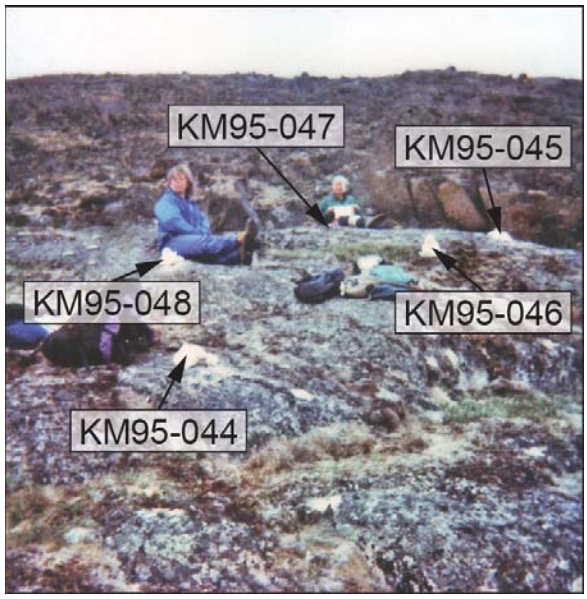

Figure R1. Photograph of molded bedrock outcrop near Pangnirtung (204 m a.s.l.) where five samples (KM95-044 through KM95-048) were collected from the same surface.

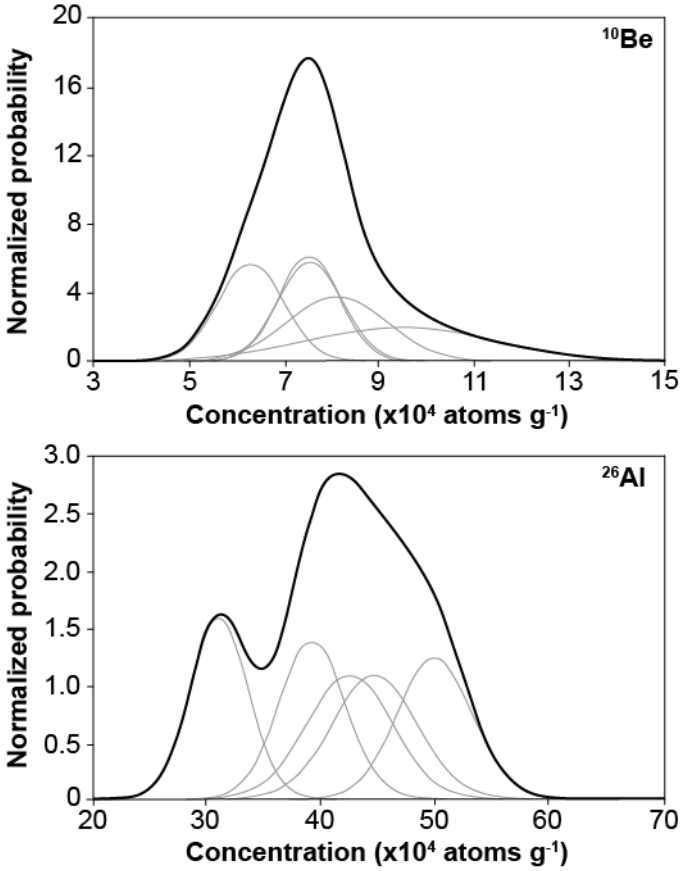

Figure R2. Probability density functions of ^{10}Be concentrations (top) and ^{26}Al concentrations (bottom) of the five samples from the same gneiss outcrop. Thin gray lines represent the measured isotopic concentrations and 1σ analytic uncertainties for each sample; thick black line represents the summed probability.

Erosion Rate Model

We modelled erosion depth for bedrock samples (n = 64 with ^{10}Be data) using the following approach:

1. We assumed a deglacial age of 11.7 ka as presented in the main body of the manuscript.
2. We subtracted that age from the age of every bedrock sample. 16 bedrock samples have simple exposure ages < 11.7 ka and are not considered further in our analysis.
3. We then used site-specific, CRONUS calculated spallation only production rates to calculate the concentration of ^{10}Be (atoms g^{-1}) present at deglaciation (11.7 ka) for each remaining bedrock sample.
4. Using those same site specific spallation production rates, we calculated the concentration of ^{10}Be (atoms g^{-1}) that would be produced during different, snow and ice-free, interglacial exposure times of 27.5, 55, and 110 ky.
5. Using a spallation only depth-production rate model, and assuming an attenuation length of 165 g cm^{-2}, we calculated the erosion depth needed to provide the calculated concentration of ^{10}Be present at deglaciation (11.7 ka).

	Erosion depth (cm) 27.5 ky of interglacial exposure	**Erosion depth (cm) 55 ky of interglacial exposure**	**Erosion depth (cm) 110 ky of interglacial exposure**
Median	146.9	184.2	205.5
Mean	161.2	199.6	221.8

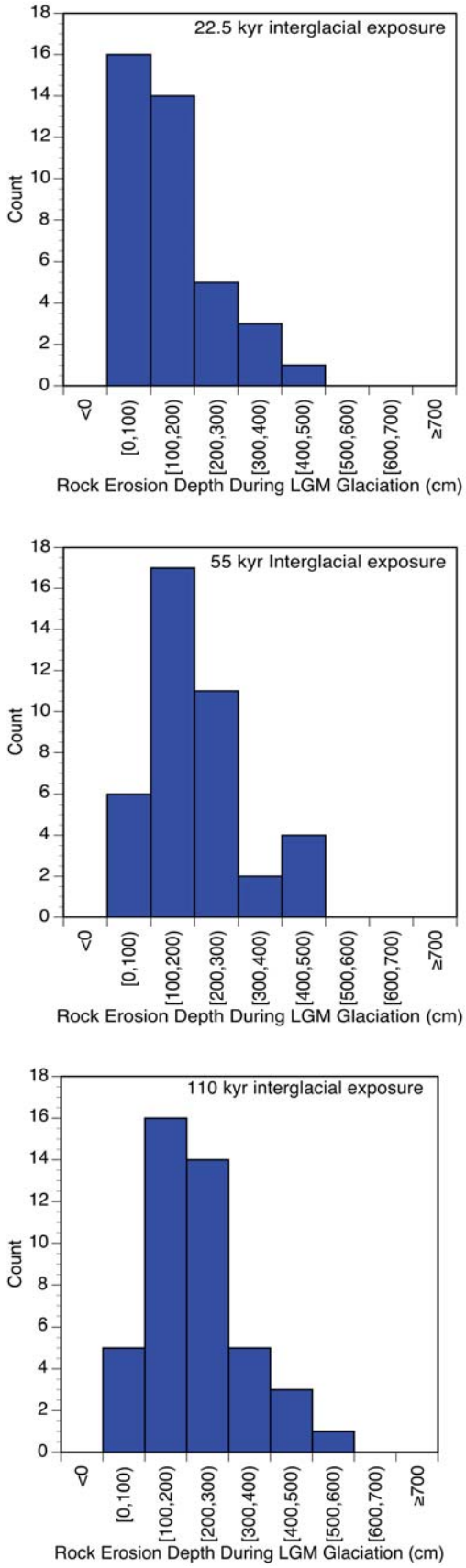

Figure R3. Histograms of erosion depths needed to remove nuclides from a single previous period of exposure for the bedrock samples in our analysis that contain inherited nuclides. We assessed three different durations for the previous interglacial period: 22.5 ky (top panel), 55 ky (middle panel) and 110 ky (bottom panel).

Table R1. Sample collection and preparation information.

Sample Name	Latitude (°N)	Longitude (°E)	Elevation (m asl)	Sample Thickness (cm)	Quartz Mass (g)	Be Carrier (g)*	ICP-OES Quantified Total Al (mg)
KM95-001	63.74340	-68.46762	500	8	29.420	0.251	1.916
KM95-002	66.15067	-65.64622	657	5	30.620	0.248	2.815
KM95-003	66.15503	-65.64033	689	3	39.282	0.188	3.608
KM95-004	66.13717	-65.56039	335	4	26.570	0.253	2.525
KM95-005	66.13722	-65.65939	329	1	32.520	0.253	4.631
KM95-006	66.14300	-65.64608	500	5	38.043	0.251	3.226
KM95-007	66.13789	-65.64236	493	4	26.940	0.250	2.845
KM95-008	66.18372	-65.56358	661	6	39.315	0.210	2.807
KM95-009	66.18394	-65.56097	665	4	28.290	0.252	2.310
KM95-010	66.18392	-65.54100	728	5	40.648	0.246	3.898
KM95-011	66.18422	-65.54575	703	3	36.150	0.252	2.166
KM95-012	66.26550	-65.81642	278	2	34.550	0.250	4.327
KM95-013	66.26550	-65.81642	278	2	22.440	0.253	2.335
KM95-014	66.26550	-65.81642	278	2	42.630	0.253	5.350
KM95-015	66.26550	-65.81642	278	5	25.050	0.252	2.568
KM95-016	66.29597	-65.81053	928	2	33.000	0.250	3.045
KM95-017	66.29600	-65.81031	928	11	37.130	0.247	1.764
KM95-018	66.28872	-65.80200	723	2	40.910	0.248	4.380
KM95-019	66.26714	-65.77319	524	5	42.425	0.261	3.434
KM95-020	66.26714	-65.77319	524	3	39.034	0.247	3.985
KM95-021	66.26519	-65.78353	559	5	31.553	0.242	2.783
KM95-022	66.26606	-65.79989	393	3	40.316	0.301	2.547
KM95-023	66.18717	-65.70953	444	3	13.030	0.303	1.073
KM95-024	66.20911	-65.69406	455	4	32.700	0.252	3.216
KM95-025	66.20517	-65.70008	445	7	39.510	0.252	3.886
KM95-026	66.14547	-65.85556	345	2	36.751	0.250	3.805
KM95-027	66.14547	-65.85556	345	2	38.845	0.248	3.466
KM95-028	66.16689	-65.80914	375	4	47.790	0.253	4.450
KM95-029	66.16911	-65.80183	380	3	29.840	0.250	2.949
KM95-030	66.21656	-65.80122	250	5	41.719	0.300	4.123
KM95-031	66.18411	-65.76011	158	4	41.810	0.250	2.996
KM95-032	66.17797	-65.75211	36	2	21.000	0.251	1.111
KM95-033	66.13800	-65.64108	495	3	32.597	0.213	2.901
KM95-034	66.13733	-65.64139	495	3	33.040	0.254	3.340
KM95-035	66.12936	-65.63828	470	4	27.447	0.252	2.760
KM95-036	66.12831	-65.63761	470	5	31.550	0.250	3.050
KM95-037	66.11756	-65.64536	385	4	25.340	0.252	3.013
KM95-038	66.11756	-65.64536	385	4	18.300	0.302	2.023
KM95-039	66.11556	-65.64053	425	4	32.598	0.252	2.845
KM95-040	66.11556	-65.64053	425	1	25.070	0.250	1.655
KM95-041	66.13972	-65.71583	119	4	34.225	0.302	2.868
KM95-042	66.13992	-65.71539	109	2	30.996	0.302	2.526
KM95-043	66.13764	-65.71767	109	2	41.617	0.302	3.249
KM95-044	66.13764	-65.71767	204	3	40.641	0.251	5.189

KM95-045	66.13764	-65.71767	204	1	25.115	0.303	3.043
KM95-046	66.13764	-65.71767	204	11	42.139	0.300	4.086
KM95-047	66.13764	-65.71767	204	1	36.443	0.300	2.111
KM95-048	66.13764	-65.71767	204	1	39.433	0.300	3.207
KM95-049	66.13519	-65.71736	238	5	39.861	0.301	2.747
KM95-059	66.55767	-65.33164	156	2	32.630	0.301	2.775
KM95-060	66.62917	-65.20689	361	1	41.660	0.301	4.257
KM95-061	66.62917	-65.20689	361	1	35.170	0.302	3.188
KM95-062	66.62917	-65.20689	361	2	40.720	0.297	5.553
KM95-063	66.62917	-65.20689	361	10	31.840	0.300	2.347
KM95-064	66.60986	-65.24383	381	1	39.830	0.299	5.634
KM95-066	66.60986	-65.24383	381	2	38.410	0.304	3.476
KM95-067	66.50677	-65.56497	721	2	39.702	0.248	3.702
KM95-068	66.50677	-65.56497	721	4	20.720	0.302	1.525
KM95-069	66.50677	-65.56497	721	2	27.630	0.251	0.649
KM95-070	66.50677	-65.56497	721	4	33.790	0.251	3.088
KM95-071	66.52538	-65.32219	1076	3	39.408	0.252	5.352
KM95-072	66.52483	-65.32867	1071	4	37.684	0.253	4.366
KM95-073	66.52483	-65.32867	1071	1	26.272	0.252	3.446
KM95-074	66.55644	-65.32758	166	1	28.191	0.301	3.071
KM95-075	66.47398	-65.49466	76	1	31.013	0.300	3.295
KM95-076	66.47118	-65.49338	61	3	34.050	0.304	3.665
KM95-077	66.31861	-65.51289	139	3	33.160	0.301	2.200
KM95-078	66.31861	-65.51289	139	4	41.770	0.300	3.575
KM95-079	66.31936	-65.51267	129	2	36.440	0.299	3.470
KM95-080	66.31936	-65.51267	129	4	39.521	0.216	3.683
KM95-081	66.31936	-65.51303	129	2	23.160	0.302	2.180
KM95-082	66.31936	-65.51303	129	6	39.540	0.298	3.470
KM95-083	66.24506	-65.58242	19	1	32.695	0.301	2.120
KM95-084	66.24506	-65.58242	19	4	30.864	0.300	2.210
KM95-086	66.23636	-65.57911	64	4	42.933	0.301	2.937
KM95-087	66.20125	-65.59817	39	4	36.248	0.300	3.219
KM95-088	66.20125	-65.59817	39	2	26.827	0.300	1.677
KM95-089	66.20125	-65.59817	39	3	36.830	0.302	4.054
KM95-090	66.20125	-65.59817	39	1	41.701	0.301	2.761
KM95-091	66.13283	-65.86686	24	5	33.680	0.301	2.746
KM95-092	66.13231	-65.86678	9	1	38.497	0.211	3.612
KM95-093	66.13150	-65.86533	24	2	37.540	0.299	2.426
KM95-094	66.08794	-65.93311	5	1	40.820	0.300	3.415
KM95-095	66.08794	-65.93311	5	6	39.440	0.300	2.931
KM95-096	66.08714	-65.93061	5	3	40.730	0.302	3.542
KM95-097	66.08714	-65.93061	5	4	38.240	0.301	2.982
KM95-098	65.71308	-65.78339	5	3	39.250	0.302	1.758
KM95-099	65.71308	-65.78339	5	5	40.000	0.301	1.752
KM95-100	66.13861	-65.62325	516	4	35.315	0.253	3.776
KM95-101	66.13969	-65.62147	521	4	32.255	0.253	2.091
KM95-102	66.14042	-65.63172	501	5	40.197	0.249	2.875
KM95-103	66.14742	-65.62425	521	2	37.390	0.264	4.068
KM95-104	66.14775	-65.62494	521	2	27.760	0.254	1.920

KM95-105	66.13083	-65.69603	431	5	33.330	0.253	3.611
KM95-106	66.12233	-65.70281	596	5	34.830	0.252	3.341
KM95-107	66.12019	-65.70550	626	2	41.490	0.259	3.524
KM95-108	66.11992	-65.70875	631	4	26.940	0.252	2.580
KM95-109	66.11936	-65.71011	631	5	28.000	0.248	2.650
KM95-110	66.11294	-65.73378	656	1	27.870	0.250	2.375
KM95-112	66.11275	-65.71917	656	3	36.050	0.254	3.603
KM95-113	66.13747	-65.65928	271	5	41.896	0.299	3.032
KM95-114	66.13747	-65.66031	271	4	36.199	0.300	4.011
KM95-115	66.13814	-65.66150	266	3	42.845	0.298	3.878
KM95-116	66.13781	-65.66172	266	3	37.265	0.301	1.943
KM95-117	66.13781	-65.66172	271	7	31.085	0.296	2.264
KM95-130	65.70833	-65.83542	83	1	34.880	0.302	2.633
KM95-131	65.70833	-65.83542	83	2	38.280	0.252	2.510
KM95-132	65.70833	-65.83542	88	2	28.310	0.300	1.737
KM95-133	65.70833	-65.83542	88	3	30.870	0.301	1.097
KM95-134	65.94267	-65.92506	38	3	31.850	0.301	4.524
KM95-135	66.11411	-65.97164	210	2	41.360	0.301	3.928
KM95-136	66.11411	-65.97164	210	2	29.450	0.342	2.469
KM95-138	65.98044	-65.75608	93	1	37.250	0.251	2.468
KM95-139	65.98103	-65.74944	103	2	26.120	0.298	2.679
KM95-140	65.98186	-65.74919	103	2	42.601	0.210	2.708
KM95-141	65.98186	-65.74919	103	1	42.190	0.263	3.263
KM95-142	65.97617	-65.74653	63	3	19.500	0.301	1.565
KM95-143	65.97264	-65.75333	63	1	31.140	0.302	2.895
KM95-144	65.96356	-65.77553	10	1	39.300	0.303	3.536
KM95-145	65.96356	-65.77553	10	5	44.920	0.302	3.619
KM95-146	66.07522	-65.89767	393	3	39.580	0.256	3.019
KM95-147	66.07522	-65.89767	393	1	41.840	0.254	3.943
KM95-149	66.08439	-65.90694	148	4	38.660	0.300	4.288
PTD92-01	66.21000	-65.70667	450	7	39.971	0.259	1.935
PTD92-02	66.21000	-65.70667	310	8	40.640	0.253	2.162
PTD92-03	66.14315	-65.71465	350	5	39.060	0.254	2.813
PTD92-04	66.18367	-65.56217	660	4	39.510	0.253	2.783
PTD92-05	66.10917	-65.63883	485	8	38.870	0.253	2.663
PTD92-07	66.58100	-65.27267	366	8	39.800	0.253	2.363
PTD92-08	66.51133	-65.57300	720	6	39.580	0.302	3.456
PTD92-09	66.51133	-65.57300	720	6	41.848	0.303	2.849
PTD94-01	66.39283	-65.92750	290	2	39.570	0.253	4.740
PTD94-02	66.39283	-65.92750	290	4	39.640	0.252	4.427
PTD94-03	65.84500	-65.56417	128	2	41.770	0.252	2.799
PTD94-04	65.84500	-65.56417	128	3	39.460	0.254	2.759
PTD94-05	66.26650	-65.76633	616	3	38.270	0.253	3.197
PTD94-06	66.26650	-65.76633	616	3	39.530	0.253	2.353
PTD94-07	66.29233	-65.72333	1006	2	39.640	0.253	3.048
PTD94-08	65.44364	-63.45487	160	3	39.710	0.252	1.996
PTD94-09a	65.44364	-63.45487	160	2	39.130	0.253	2.229
PTD94-09b	65.44364	-63.45487	160	2	35.620	0.252	2.021
PTD94-09c	65.44364	-63.45487	160	3	39.740	0.252	2.038

PTD94-10	65.64153	-68.05429	183	2	40.080	0.252	4.511
PTD94-11a	65.64153	-68.05429	183	3	39.740	0.253	4.086
PTD94-11b	65.64153	-68.05429	183	3	39.500	0.254	2.607
PTD94-13	66.13717	-65.08400	110	5	39.710	0.253	6.765
PTD94-14	66.69100	-67.75017	290	3	39.260	0.252	5.472
PTD94-15a	66.69100	-67.75017	290	3	39.370	0.252	4.134
PTD94-15b	66.69100	-67.75017	290	3	39.320	0.253	4.390
PTD94-15c	66.69100	-67.75017	290	3	39.310	0.253	3.956
PTD94-16	66.13750	-65.71750	204	3	37.620	0.252	3.047
PTD94-17	63.74340	-68.46762	125	3	42.310	0.253	2.749
PTD94-18a	63.74340	-68.46762	125	3	31.930	0.252	2.854
PTD94-18b	63.74340	-68.46762	125	4	39.100	0.252	2.796
PTD94-18c	63.74340	-68.46762	125	3	38.590	0.253	3.389

*Be carrier (SPEX) concentration is 1000 μg mL^{-1} for all samples.

Table R2. AMS and isotopic information.

Sample Name	AMS Be Standard	Measured $^{10}Be/^{9}Be$ Ratio*	$^{10}Be/^{9}Be$ Ratio Unc.*	Analytic Unc. (%)	^{10}Be Conc. (atoms g^{-1})	07KNSTD ^{10}Be Conc. (atoms g^{-1})†	07KNSTD ^{10}Be Unc. (atoms g^{-1})†	AMS Al Standard	Measured $^{26}Al/^{27}Al$ Ratio*	$^{26}Al/^{27}Al$ Ratio Unc.*	Analytic Unc. (%)	^{26}Al Conc. (atoms g^{-1})	^{26}Al Unc. (atoms g^{-1})	Measured $^{26}Al/^{10}Be$ Ratio	07KNSTD $^{26}Al/^{10}Be$ Ratio†	07KNSTD $^{26}Al/^{10}Be$ Ratio Unc.†
KM95-001	LLNL10000	1.63E-13	1.30E-14	8.0	7.64E+04	6.91E+04	8.89E+03	KNSTD9919	3.16E-13	1.40E-14	4.4	4.54E+05	2.19E+04	5.9	6.6	0.9
KM95-002	LLNL10000	4.57E-13	1.10E-14	2.4	2.31E+05	2.09E+05	7.78E+03	KNSTD9919	6.90E-13	3.60E-14	5.2	1.41E+06	7.43E+04	6.1	6.7	0.4
KM95-003	LLNL10000	2.27E-12	4.50E-14	2.0	7.13E+05	6.45E+05	1.37E+04	KNSTD9919	1.98E-12	6.10E-14	3.1	4.05E+06	1.25E+05	5.7	6.3	0.2
KM95-004	LLNL10000	1.48E-13	2.50E-14	16.8	7.59E+04	6.87E+04	1.58E+04	KNSTD9919	2.18E-13	1.60E-14	7.3	4.57E+05	3.51E+04	6.0	6.7	1.6
KM95-005	LLNL10000	2.59E-13	1.40E-14	5.4	1.19E+05	1.08E+05	8.44E+03	KNSTD9919	2.36E-13	1.10E-14	4.7	7.45E+05	3.57E+04	6.2	6.9	0.6
KM95-006	LLNL10000	2.83E-13	9.80E-15	3.5	1.12E+05	1.01E+05	5.97E+03	KNSTD9919	3.66E-13	1.50E-14	4.1	6.88E+05	2.91E+04	6.1	6.8	0.5
KM95-007	LLNL10000	1.64E-13	5.80E-15	3.5	8.32E+04	7.52E+04	7.16E+03	KNSTD9919	2.36E-13	9.20E-15	3.9	5.50E+05	2.34E+04	6.6	7.3	0.8
KM95-008	LLNL10000	9.69E-13	1.70E-14	1.8	3.34E+05	3.02E+05	7.02E+03	KNSTD9919	1.31E-12	6.20E-14	4.7	2.08E+06	9.90E+04	6.2	6.9	0.4
KM95-009	LLNL10000	2.75E-13	7.30E-15	2.7	1.46E+05	1.32E+05	7.24E+03	KNSTD9919	5.47E-13	2.30E-14	4.2	9.91E+05	4.28E+04	6.8	7.5	0.5
KM95-010	LLNL10000	3.87E-13	1.10E-14	2.8	1.44E+05	1.30E+05	5.84E+03	KNSTD9919	4.15E-13	1.60E-14	3.9	8.84E+05	3.48E+04	6.1	6.8	0.4
KM95-011	LLNL10000	2.67E-13	8.60E-15	3.2	1.11E+05	1.00E+05	5.98E+03	KNSTD9919	5.11E-13	2.00E-14	3.9	6.79E+05	2.75E+04	6.1	6.8	0.5
KM95-012	LLNL10000	2.23E-13	8.30E-15	3.7	9.35E+04	8.45E+04	6.16E+03	KNSTD9919	2.13E-13	1.10E-14	5.2	5.92E+05	3.15E+04	6.3	7.0	0.6
KM95-013	LLNL10000	1.49E-13	1.60E-14	10.8	9.01E+04	8.15E+04	1.33E+04	KNSTD9919	1.93E-13	1.10E-14	5.7	4.41E+05	2.77E+04	4.9	5.4	1.0
KM95-014	LLNL10000	2.88E-13	3.60E-14	12.5	1.03E+05	9.29E+04	1.35E+04	KNSTD9919	2.33E-13	1.10E-14	4.7	6.48E+05	3.13E+04	6.3	7.0	1.1
KM95-015	LLNL10000	1.22E-13	8.00E-15	6.6	6.25E+04	5.65E+04	8.41E+03	KNSTD9919	2.01E-13	1.50E-14	7.4	4.54E+05	3.56E+04	7.3	8.0	1.4
KM95-016	LLNL10000	3.56E-12	7.20E-14	2.0	1.79E+06	1.61E+06	3.34E+04	KNSTD9919	4.05E-12	8.20E-14	2.0	8.34E+06	1.69E+05	4.7	5.2	0.2
KM95-017	LLNL10000	9.81E-13	2.40E-14	2.4	4.23E+05	3.82E+05	1.07E+04	KNSTD9919	2.16E-12	7.70E-14	3.6	2.28E+06	8.19E+04	5.4	6.0	0.3
KM95-018	LLNL10000	4.34E-13	1.10E-14	2.5	1.64E+05	1.48E+05	5.82E+03	KNSTD9919	4.04E-13	1.60E-14	4.0	9.61E+05	3.87E+04	5.9	6.5	0.4
KM95-019	LLNL10000	5.45E-13	1.20E-14	2.2	2.12E+05	1.92E+05	6.03E+03	KNSTD9919	7.68E-13	2.80E-14	3.6	1.38E+06	5.09E+04	6.5	7.2	0.4
KM95-020	LLNL10000	2.71E-13	7.90E-15	2.9	1.02E+05	9.21E+04	5.34E+03	KNSTD9919	3.39E-13	1.40E-14	4.1	7.68E+05	3.25E+04	7.5	8.4	0.6
KM95-021	LLNL10000	2.34E-13	7.00E-15	3.0	1.05E+05	9.45E+04	6.34E+03	KNSTD9919	3.87E-13	2.10E-14	5.4	7.56E+05	4.20E+04	7.2	8.0	0.7
KM95-022	LLNL10000	1.94E-13	1.40E-14	7.2	8.44E+04	7.63E+04	7.62E+03	KNSTD9919	3.21E-13	2.22E-14	6.9	4.48E+05	3.18E+04	5.3	5.9	0.7
KM95-023	LLNL10000	1.02E-13	8.70E-15	8.5	1.21E+05	1.10E+05	1.80E+04	KNSTD9919	3.12E-13	2.30E-14	7.4	5.61E+05	4.60E+04	4.6	5.1	0.9
KM95-024	LLNL10000	7.21E-13	1.70E-14	2.4	3.56E+05	3.22E+05	9.50E+03	KNSTD9919	9.99E-13	3.70E-14	3.7	2.19E+06	8.16E+04	6.1	6.8	0.3
KM95-025	LLNL10000	2.18E-13	6.70E-15	3.1	8.04E+04	7.27E+04	5.06E+03	KNSTD9919	2.57E-13	1.40E-14	5.4	5.61E+05	3.13E+04	7.0	7.7	0.7
KM95-026	LLNL10000	2.06E-13	9.30E-15	4.5	8.03E+04	7.26E+04	6.04E+03	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
KM95-027	LLNL10000	4.79E-13	1.40E-14	2.9	1.92E+05	1.73E+05	6.98E+03	KNSTD9919	6.13E-13	2.30E-14	3.8	1.22E+06	4.62E+04	6.3	7.0	0.4
KM95-028	LLNL10000	2.43E-13	7.80E-15	3.2	7.58E+04	6.86E+04	4.38E+03	KNSTD9919	2.42E-13	1.20E-14	5.0	4.99E+05	2.54E+04	6.6	7.3	0.6
KM95-029	LLNL10000	2.43E-13	7.90E-15	3.2	1.20E+05	1.08E+05	7.01E+03	KNSTD9919	3.59E-13	1.90E-14	5.3	7.86E+05	4.27E+04	6.6	7.3	0.6
KM95-030	LLNL10000	2.81E-13	5.60E-14	19.9	1.23E+05	1.12E+05	2.47E+04	KNSTD9919	1.90E-13	2.54E-14	13.4	4.14E+05	5.62E+04	3.4	3.7	1.0
KM95-031	LLNL10000	2.07E-13	7.50E-15	3.6	7.10E+04	6.42E+04	4.92E+03	KNSTD9919	3.09E-13	1.40E-14	4.5	4.90E+05	2.31E+04	6.9	7.6	0.7
KM95-032	LLNL10000	1.23E-13	6.70E-15	5.5	7.48E+04	6.76E+04	9.51E+03	KNSTD5000	1.53E-13	2.10E-14	13.7	1.73E+05	2.73E+04	2.3	2.6	0.5
KM95-033	LLNL10000	5.30E-13	1.60E-14	3.0	2.16E+05	1.96E+05	8.23E+03	KNSTD9919	9.10E-13	7.00E-14	7.7	1.80E+06	1.39E+05	8.3	9.2	0.8
KM95-034	LLNL10000	1.97E-13	2.00E-14	10.2	8.61E+04	7.78E+04	1.06E+04	KNSTD9919	2.55E-13	1.10E-14	4.3	5.69E+05	2.58E+04	6.6	7.3	1.1
KM95-035	LLNL10000	3.45E-13	1.00E-14	2.9	1.94E+05	1.75E+05	8.37E+03	KNSTD5000	4.64E-13	2.10E-14	4.5	1.04E+06	4.79E+04	5.3	5.9	0.4
KM95-036	LLNL10000	4.27E-13	4.10E-14	9.6	2.10E+05	1.90E+05	2.04E+04	KNSTD9919	5.71E-13	1.90E-14	3.3	1.23E+06	4.17E+04	5.8	6.4	0.7
KM95-037	No Data	No Data	No Data	No Data	No Data	No Data	No Data	KNSTD9919	4.31E-13	1.90E-14	4.4	1.14E+06	5.13E+04	No Data	No Data	No Data
KM95-038	LLNL10000	1.07E-13	8.20E-15	7.7	9.06E+04	8.19E+04	1.25E+04	KNSTD9919	1.81E-13	2.10E-14	11.6	4.38E+05	5.33E+04	4.8	5.3	1.0
KM95-039	LLNL10000	4.09E-13	1.20E-14	2.9	1.96E+05	1.77E+05	7.70E+03	KNSTD9919	6.94E-13	2.60E-14	3.7	1.35E+06	5.12E+04	6.9	7.6	0.4
KM95-040	LLNL10000	3.67E-13	9.80E-15	2.7	2.25E+05	2.03E+05	9.05E+03	KNSTD5000	9.83E-13	4.55E-14	4.6	1.44E+06	6.77E+04	6.4	7.1	0.5
KM95-041	LLNL10000	1.24E-13	8.90E-15	7.2	5.85E+04	5.29E+04	6.91E+03	KNSTD9919	2.38E-13	1.39E-14	5.8	4.41E+05	2.69E+04	7.5	8.3	1.2
KM95-042	LLNL10000	1.49E-13	9.40E-15	6.3	8.09E+04	7.32E+04	7.83E+03	KNSTD9919	2.07E-13	1.70E-14	8.2	3.71E+05	3.18E+04	4.6	5.1	0.7
KM95-043	LLNL10000	1.28E-13	1.00E-14	7.8	5.01E+04	4.53E+04	6.02E+03	KNSTD9919	2.20E-13	1.46E-14	6.6	3.80E+05	2.61E+04	7.6	8.4	1.3
KM95-044	LLNL10000	2.12E-13	1.20E-14	5.7	7.54E+04	6.81E+04	6.16E+03	KNSTD5000	1.39E-13	1.00E-14	7.2	3.93E+05	2.91E+04	5.2	5.8	0.7

KM95-045	LLNL10000	1.25E-13	9.00E-15	7.2	8.10E+04	7.32E+04	9.48E+03	KNSTD9919	1.87E-13	1.15E-14	6.1	5.00E+05	3.25E+04	6.2	6.8	1.0
KM95-046	LLNL10000	1.57E-13	1.10E-14	7.0	6.29E+04	5.69E+04	6.25E+03	KNSTD9919	2.08E-13	1.70E-14	8.1	4.47E+05	3.71E+04	7.1	7.9	1.1
KM95-047	LLNL10000	1.96E-13	3.50E-14	17.8	9.46E+04	8.55E+04	1.80E+04	KNSTD9919	2.44E-13	1.90E-14	7.8	3.11E+05	2.54E+04	3.3	3.6	0.8
KM95-048	LLNL10000	1.72E-13	8.50E-15	4.9	7.51E+04	6.79E+04	5.85E+03	KNSTD9919	2.37E-13	2.02E-14	8.5	4.25E+05	3.72E+04	5.7	6.3	0.8
KM95-049	LLNL10000	3.77E-13	1.70E-14	4.5	1.78E+05	1.61E+05	8.88E+03	KNSTD9919	7.10E-13	3.07E-14	4.3	1.09E+06	4.75E+04	6.1	6.8	0.5
KM95-059	LLNL10000	1.32E-13	8.90E-15	6.7	6.64E+04	6.00E+04	7.24E+03	KNSTD9919	1.91E-13	2.42E-14	12.7	3.57E+05	4.64E+04	5.4	6.0	1.1
KM95-060	LLNL10000	2.13E-13	3.00E-14	14.1	9.09E+04	8.22E+04	1.37E+04	KNSTD9919	2.16E-13	1.80E-14	8.4	4.88E+05	4.15E+04	5.4	5.9	1.1
KM95-061	LLNL10000	2.27E-13	1.70E-14	7.5	1.16E+05	1.05E+05	1.01E+04	KNSTD9919	2.95E-13	1.90E-14	6.4	5.92E+05	3.90E+04	5.1	5.6	0.7
KM95-062	LLNL10000	1.72E-13	2.10E-14	12.2	7.18E+04	6.49E+04	1.02E+04	KNSTD9919	1.49E-13	1.10E-14	7.4	4.50E+05	3.40E+04	6.3	6.9	1.2
KM95-063	LLNL10000	1.55E-13	1.20E-14	7.7	8.21E+04	7.42E+04	8.71E+03	KNSTD9919	2.19E-13	2.40E-14	11.0	3.55E+05	4.02E+04	4.3	4.8	0.8
KM95-064	LLNL10000	1.96E-13	1.90E-14	9.7	8.58E+04	7.76E+04	9.64E+03	KNSTD9919	1.44E-13	1.00E-14	6.9	4.52E+05	3.21E+04	5.3	5.8	0.8
KM95-066	LLNL10000	2.40E-13	2.30E-14	9.6	1.14E+05	1.03E+05	1.19E+04	KNSTD9919	3.46E-13	2.30E-14	6.6	6.95E+05	4.69E+04	6.1	6.7	0.9
KM95-067	LLNL10000	4.86E-13	1.60E-14	3.3	1.91E+05	1.72E+05	7.43E+03	KNSTD9919	5.88E-13	2.20E-14	3.7	1.22E+06	4.62E+04	6.4	7.1	0.4
KM95-068	LLNL10000	5.48E-13	1.90E-14	3.5	5.10E+05	4.61E+05	1.87E+04	KNSTD9919	1.62E-12	1.05E-13	6.5	2.65E+06	1.73E+05	5.2	5.7	0.4
KM95-069	LLNL10000	1.86E-13	8.20E-15	4.4	9.49E+04	8.58E+04	7.68E+03	KNSTD5000	1.05E-12	1.00E-13	9.5	5.45E+05	5.31E+04	5.7	6.4	0.8
KM95-070	LLNL10000	2.24E-13	1.20E-14	5.4	9.67E+04	8.74E+04	7.41E+03	KNSTD5000	3.10E-13	1.40E-14	4.5	6.27E+05	2.94E+04	6.5	7.2	0.7
KM95-071	LLNL10000	6.35E-13	2.70E-14	4.3	2.59E+05	2.34E+05	1.13E+04	KNSTD9919	4.85E-13	2.30E-14	4.7	1.47E+06	7.00E+04	5.7	6.3	0.4
KM95-072	LLNL10000	3.38E-13	1.20E-14	3.6	1.39E+05	1.25E+05	6.67E+03	KNSTD9919	4.21E-13	1.90E-14	4.5	1.08E+06	4.95E+04	7.8	8.7	0.6
KM95-073	No Data	No Data	No Data	No Data	No Data	No Data	No Data	KNSTD9919	3.84E-13	1.50E-14	3.9	1.12E+06	4.49E+04	No Data	No Data	No Data
KM95-074	LLNL10000	1.11E-13	1.00E-14	9.0	6.21E+04	5.61E+04	8.88E+03	KNSTD9919	1.38E-13	1.03E-14	7.4	3.30E+05	2.63E+04	5.3	5.9	1.0
KM95-075	LLNL10000	1.22E-13	1.10E-14	9.0	6.33E+04	5.72E+04	8.49E+03	KNSTD9919	1.24E-13	1.34E-14	10.8	2.89E+05	3.27E+04	4.6	5.1	0.9
KM95-076	LLNL10000	1.19E-13	1.20E-14	10.1	5.67E+04	5.13E+04	8.21E+03	KNSTD9919	1.59E-13	1.20E-14	7.5	3.78E+05	2.97E+04	6.7	7.4	1.3
KM95-077	LLNL10000	1.29E-13	1.00E-14	7.8	6.33E+04	5.72E+04	7.55E+03	KNSTD9919	2.71E-13	1.90E-14	7.0	3.97E+05	2.90E+04	6.3	6.9	1.0
KM95-078	LLNL10000	1.44E-13	1.10E-14	7.6	5.75E+04	5.20E+04	6.30E+03	KNSTD9919	1.97E-13	1.30E-14	6.6	3.72E+05	2.55E+04	6.5	7.2	1.0
KM95-079	LLNL10000	1.42E-13	1.90E-14	13.4	6.44E+04	5.82E+04	1.05E+04	KNSTD9919	1.93E-13	1.25E-14	6.5	4.05E+05	2.73E+04	6.3	7.0	1.3
KM95-080	LLNL10000	1.86E-13	7.80E-15	4.2	5.54E+04	5.01E+04	5.06E+03	KNSTD9919	1.87E-13	1.70E-14	9.1	3.85E+05	3.59E+04	7.0	7.7	1.1
KM95-081	LLNL10000	1.07E-13	1.20E-14	11.3	7.17E+04	6.48E+04	1.20E+04	KNSTD9919	1.95E-13	1.60E-14	8.2	4.03E+05	3.52E+04	5.6	6.2	1.3
KM95-082	LLNL10000	1.37E-13	1.10E-14	8.0	5.67E+04	5.12E+04	6.63E+03	KNSTD9919	1.91E-13	1.23E-14	6.4	3.71E+05	2.47E+04	6.5	7.2	1.1
KM95-083	LLNL10000	1.28E-13	9.00E-15	7.0	6.37E+04	5.76E+04	7.26E+03	KNSTD9919	2.36E-13	1.73E-14	7.3	3.36E+05	2.61E+04	5.3	5.8	0.9
KM95-084	LLNL10000	1.07E-13	1.10E-14	10.3	5.38E+04	4.86E+04	8.53E+03	KNSTD9919	2.12E-13	1.25E-14	5.9	3.33E+05	2.13E+04	6.2	6.8	1.3
KM95-086	LLNL10000	1.46E-13	1.20E-14	8.2	5.67E+04	5.13E+04	6.47E+03	KNSTD9919	2.44E-13	1.42E-14	5.8	3.69E+05	2.24E+04	6.5	7.2	1.0
KM95-087	LLNL10000	1.32E-13	7.50E-15	5.7	5.97E+04	5.40E+04	6.05E+03	KNSTD9919	1.85E-13	1.36E-14	7.3	3.62E+05	2.77E+04	6.1	6.7	0.9
KM95-088	LLNL10000	1.18E-13	7.80E-15	6.6	7.00E+04	6.33E+04	8.30E+03	KNSTD9919	2.82E-13	2.14E-14	7.6	3.87E+05	3.12E+04	5.5	6.1	0.9
KM95-089	LLNL10000	1.48E-13	1.00E-14	6.8	6.76E+04	6.11E+04	6.81E+03	KNSTD9919	1.38E-13	1.20E-14	8.7	3.35E+05	3.01E+04	5.0	5.5	0.8
KM95-090	LLNL10000	1.60E-13	1.10E-14	6.9	6.53E+04	5.91E+04	6.33E+03	KNSTD9919	2.45E-13	1.59E-14	6.5	3.58E+05	2.42E+04	5.5	6.1	0.8
KM95-091	LLNL10000	1.09E-13	8.70E-15	8.0	5.05E+04	4.56E+04	6.94E+03	KNSTD5000	1.48E-13	1.10E-14	7.4	2.65E+05	2.12E+04	5.2	5.8	1.0
KM95-092	LLNL10000	1.67E-13	6.90E-15	4.1	4.83E+04	4.37E+04	5.02E+03	KNSTD9919	2.15E-13	1.50E-14	7.0	4.46E+05	3.20E+04	9.2	10.2	1.4
KM95-093	LLNL10000	1.26E-13	1.00E-14	7.9	5.40E+04	4.89E+04	6.64E+03	KNSTD5000	2.25E-13	2.50E-14	11.1	3.20E+05	3.66E+04	5.9	6.6	1.2
KM95-094	LLNL10000	9.51E-14	9.60E-15	10.1	3.47E+04	3.13E+04	5.99E+03	KNSTD5000	1.07E-13	8.50E-15	7.9	1.96E+05	1.69E+04	5.7	6.3	1.3
KM95-095	LLNL10000	1.34E-13	1.30E-14	9.7	5.55E+04	5.01E+04	7.40E+03	KNSTD5000	1.04E-13	8.80E-15	8.5	1.68E+05	1.58E+04	3.0	3.4	0.6
KM95-096	LLNL10000	1.05E-13	1.70E-14	16.2	3.99E+04	3.60E+04	8.71E+03	KNSTD5000	6.48E-14	7.80E-15	12.0	1.22E+05	1.62E+04	3.1	3.4	0.9
KM95-097	LLNL10000	1.28E-13	1.20E-14	9.4	5.44E+04	4.92E+04	7.27E+03	KNSTD5000	1.14E-13	9.70E-15	8.5	1.94E+05	1.80E+04	3.6	4.0	0.7
KM95-098	LLNL10000	1.51E-13	1.40E-14	9.3	6.52E+04	5.89E+04	7.85E+03	KNSTD5000	3.33E-13	2.50E-14	7.5	3.29E+05	2.57E+04	5.1	5.6	0.9
KM95-099	LLNL10000	1.29E-13	1.40E-14	10.8	5.28E+04	4.77E+04	7.68E+03	KNSTD5000	2.89E-13	2.40E-14	8.3	2.78E+05	2.42E+04	5.3	5.8	1.1
KM95-100	LLNL10000	4.42E-13	2.10E-14	4.7	1.98E+05	1.79E+05	1.03E+04	KNSTD9919	2.83E-13	1.30E-14	4.6	6.71E+05	3.18E+04	3.4	3.8	0.3
KM95-101	LLNL10000	4.59E-13	1.70E-14	3.7	2.25E+05	2.04E+05	9.66E+03	KNSTD9919	8.78E-13	3.70E-14	4.2	1.27E+06	5.41E+04	5.6	6.2	0.4
KM95-102	LLNL10000	2.69E-13	9.90E-15	3.7	9.89E+04	8.95E+04	5.66E+03	KNSTD9919	4.28E-13	3.60E-14	8.4	6.79E+05	5.78E+04	6.9	7.6	0.8
KM95-103	LLNL10000	2.20E-13	7.20E-15	3.3	9.06E+04	8.19E+04	5.53E+03	KNSTD9919	2.24E-13	1.20E-14	5.4	5.39E+05	2.98E+04	6.0	6.6	0.6
KM95-104	LLNL10000	1.86E-13	6.00E-15	3.2	9.59E+04	8.67E+04	7.02E+03	KNSTD5000	3.82E-13	2.62E-14	6.9	5.83E+05	4.13E+04	6.1	6.7	0.7

KM95-105	LLNL10000	1.94E-13	6.60E-15	3.4	8.38E+04	7.58E+04	5.98E+03	KNSTD5000	2.21E-13	1.22E-14	5.5	5.30E+05	3.02E+04	6.3	7.0	0.7
KM95-106	LLNL10000	1.86E-12	4.60E-14	2.5	8.85E+05	8.00E+05	2.07E+04	KNSTD5000	1.98E-12	6.56E-14	3.3	4.24E+06	1.41E+05	4.8	5.3	0.2
KM95-107	LLNL10000	2.88E-12	7.30E-14	2.5	1.19E+06	1.07E+06	2.78E+04	KNSTD9919	3.01E-12	5.60E-14	1.9	5.71E+06	1.06E+05	4.8	5.3	0.2
KM95-108	LLNL10000	1.38E-12	4.20E-14	3.1	8.43E+05	7.62E+05	2.46E+04	KNSTD5000	1.92E-12	6.93E-14	3.6	4.10E+06	1.48E+05	4.9	5.4	0.3
KM95-109	LLNL10000	1.29E-12	3.10E-14	2.4	7.44E+05	6.72E+05	1.77E+04	KNSTD5000	1.69E-12	7.24E-14	4.3	3.57E+06	1.53E+05	4.8	5.3	0.3
KM95-110	LLNL10000	2.28E-12	1.10E-13	4.8	1.35E+06	1.22E+06	5.99E+04	KNSTD5000	3.05E-12	1.02E-13	3.4	5.79E+06	1.95E+05	4.3	4.7	0.3
KM95-112	LLNL10000	2.53E-12	6.40E-14	2.5	1.18E+06	1.06E+06	2.77E+04	KNSTD9919	2.43E-12	8.30E-14	3.4	5.42E+06	1.85E+05	4.6	5.1	0.2
KM95-113	LLNL10000	2.08E-13	1.40E-14	6.7	8.74E+04	7.91E+04	7.30E+03	KNSTD9919	2.74E-13	1.54E-14	5.6	4.39E+05	2.55E+04	5.0	5.6	0.6
KM95-114	LLNL10000	1.88E-13	1.60E-14	8.5	9.07E+04	8.20E+04	9.31E+03	KNSTD9919	2.05E-13	1.33E-14	6.5	5.02E+05	3.34E+04	5.5	6.1	0.8
KM95-115	LLNL10000	2.04E-13	1.40E-14	6.8	8.35E+04	7.55E+04	7.12E+03	KNSTD9919	2.20E-13	2.41E-14	10.9	4.40E+05	4.89E+04	5.3	5.8	0.9
KM95-116	LLNL10000	1.66E-13	1.20E-14	7.3	7.62E+04	6.89E+04	7.46E+03	KNSTD9919	4.03E-13	2.78E-14	6.9	4.65E+05	3.30E+04	6.1	6.8	0.9
KM95-117	LLNL10000	1.42E-13	1.20E-14	8.4	7.47E+04	6.75E+04	8.85E+03	KNSTD9919	2.80E-13	2.10E-14	7.5	4.50E+05	3.49E+04	6.0	6.7	1.0
KM95-130	LLNL10000	1.39E-13	8.70E-15	6.3	6.63E+04	5.99E+04	6.71E+03	KNSTD5000	2.02E-13	1.50E-14	7.4	3.35E+05	2.62E+04	5.1	5.6	0.8
KM95-131	LLNL10000	1.65E-13	6.90E-15	4.2	5.97E+04	5.40E+04	5.26E+03	KNSTD5000	2.84E-13	1.60E-14	5.6	4.12E+05	2.42E+04	6.9	7.6	0.9
KM95-132	LLNL10000	1.21E-13	9.20E-15	7.6	6.82E+04	6.17E+04	8.46E+03	KNSTD5000	3.09E-13	2.20E-14	7.1	4.17E+05	3.13E+04	6.1	6.8	1.1
KM95-133	LLNL10000	1.64E-13	9.70E-15	5.9	9.08E+04	8.21E+04	7.98E+03	KNSTD5000	7.73E-13	5.40E-14	7.0	6.08E+05	4.35E+04	6.7	7.4	0.9
KM95-134	LLNL10000	1.31E-13	8.70E-15	6.7	6.71E+04	6.06E+04	7.34E+03	KNSTD5000	1.07E-13	8.10E-15	7.6	3.34E+05	2.68E+04	5.0	5.5	0.8
KM95-135	LLNL10000	1.94E-13	1.20E-14	6.2	8.27E+04	7.47E+04	6.72E+03	KNSTD5000	2.17E-13	1.40E-14	6.5	4.56E+05	3.02E+04	5.5	6.1	0.7
KM95-136	LLNL10000	1.41E-13	1.00E-14	7.1	9.30E+04	8.41E+04	9.13E+03	KNSTD5000	1.77E-13	1.70E-14	9.6	3.25E+05	3.28E+04	3.5	3.9	0.6
KM95-138	LLNL10000	2.34E-13	1.20E-14	5.1	9.22E+04	8.34E+04	6.72E+03	KNSTD9919	2.90E-13	1.50E-14	5.2	4.25E+05	2.31E+04	4.6	5.1	0.5
KM95-139	LLNL10000	1.13E-13	8.10E-15	7.2	6.72E+04	6.08E+04	8.63E+03	KNSTD9919	1.71E-13	1.79E-14	10.5	3.85E+05	4.20E+04	5.7	6.3	1.1
KM95-140	LLNL10000	2.51E-13	5.90E-14	23.5	7.11E+04	6.43E+04	1.80E+04	KNSTD9919	2.88E-13	1.50E-14	5.2	4.04E+05	2.20E+04	5.7	6.3	1.8
KM95-141	LLNL10000	1.94E-13	6.50E-15	3.4	6.91E+04	6.25E+04	4.75E+03	KNSTD9919	2.50E-13	1.30E-14	5.2	4.28E+05	2.31E+04	6.2	6.9	0.6
KM95-142	LLNL10000	9.25E-14	8.30E-15	9.0	7.02E+04	6.35E+04	1.17E+04	KNSTD9919	2.04E-13	1.92E-14	9.4	3.57E+05	3.65E+04	5.1	5.6	1.2
KM95-143	LLNL10000	1.63E-13	1.80E-14	11.0	8.98E+04	8.12E+04	1.19E+04	KNSTD9919	2.40E-13	1.91E-14	7.9	4.93E+05	4.03E+04	5.5	6.1	1.0
KM95-144	LLNL10000	1.42E-13	1.20E-14	8.4	6.09E+04	5.50E+04	7.10E+03	KNSTD9919	1.57E-13	1.20E-14	7.7	3.10E+05	2.49E+04	5.1	5.6	0.9
KM95-145	LLNL10000	1.37E-13	1.20E-14	8.8	5.07E+04	4.58E+04	6.20E+03	KNSTD9919	1.57E-13	1.60E-14	10.2	2.79E+05	2.93E+04	5.5	6.1	1.0
KM95-146	LLNL10000	2.19E-13	7.20E-15	3.3	8.20E+04	7.42E+04	5.18E+03	KNSTD9919	3.04E-13	1.80E-14	5.9	5.14E+05	3.12E+04	6.3	6.9	0.6
KM95-147	LLNL10000	6.46E-13	1.70E-14	2.6	2.50E+05	2.26E+05	7.47E+03	KNSTD9919	7.42E-13	2.40E-14	3.2	1.56E+06	5.08E+04	6.2	6.9	0.3
KM95-149	LLNL10000	2.07E-13	1.20E-14	5.8	9.47E+04	8.56E+04	7.17E+03	KNSTD9919	2.81E-13	1.60E-14	5.7	6.92E+05	4.01E+04	7.3	8.1	0.8
PTD92-01	LLNL1000	1.42E-13	3.77E-15	2.7	4.90E+04	4.43E+04	4.55E+03	KNSTD9919	3.06E-13	1.87E-14	6.1	3.27E+05	2.11E+04	6.7	7.2	0.9
PTD92-02	LLNL1000	4.75E-13	1.26E-14	2.7	1.85E+05	1.68E+05	6.36E+03	KNSTD9919	9.65E-13	3.91E-14	4.1	1.14E+06	4.69E+04	6.2	6.6	0.4
PTD92-03	LLNL1000	2.62E-13	9.33E-15	3.6	1.01E+05	9.17E+04	5.73E+03	KNSTD9919	4.24E-13	3.58E-14	8.4	6.78E+05	5.78E+04	6.7	7.2	0.8
PTD92-04	LLNL1000	2.65E-13	6.84E-15	2.6	1.01E+05	9.13E+04	5.09E+03	KNSTD9919	4.43E-13	3.19E-14	7.2	6.92E+05	5.05E+04	6.8	7.4	0.7
PTD92-05	LLNL1000	5.51E-13	1.50E-14	2.7	2.27E+05	2.05E+05	7.39E+03	KNSTD9919	8.58E-13	4.13E-14	4.8	1.31E+06	6.35E+04	5.8	6.2	0.4
PTD92-07	LLNL1000	1.91E-13	5.00E-15	2.6	6.87E+04	6.22E+04	4.73E+03	KNSTD9919	3.06E-13	3.46E-14	11.3	4.02E+05	4.63E+04	5.8	6.3	0.9
PTD92-08	KNSTD	2.42E-13	6.71E-15	2.8	1.11E+05	1.00E+05	5.33E+03	KNSTD9919	3.61E-13	1.77E-14	4.9	7.00E+05	3.50E+04	6.3	7.0	0.5
PTD92-09	KNSTD	4.77E-13	2.05E-14	4.3	2.19E+05	1.98E+05	9.88E+03	KNSTD9919	8.83E-13	3.21E-14	3.6	1.34E+06	4.91E+04	6.1	6.8	0.4
PTD94-01	LLNL3000	3.71E-13	7.89E-15	2.1	1.46E+05	1.32E+05	5.31E+03	KNSTD9919	2.79E-13	1.29E-14	4.6	7.43E+05	3.49E+04	5.1	5.9	0.4
PTD94-02	LLNL3000	2.62E-13	6.43E-15	2.5	9.90E+04	8.95E+04	4.99E+03	KNSTD9919	2.24E-13	1.11E-14	4.9	5.55E+05	2.82E+04	5.6	6.5	0.5
PTD94-03	LLNL3000	1.81E-13	4.80E-15	2.7	6.11E+04	5.53E+04	4.47E+03	KNSTD9919	2.36E-13	1.10E-14	4.6	3.50E+05	1.74E+04	5.7	6.6	0.6
PTD94-04	LLNL3000	1.84E-13	6.63E-15	3.6	6.66E+04	6.02E+04	5.06E+03	KNSTD9919	2.75E-13	1.32E-14	4.8	4.25E+05	2.15E+04	6.4	7.4	0.7
PTD94-05	LLNL3000	2.87E-13	6.73E-15	2.3	1.14E+05	1.03E+05	5.24E+03	KNSTD9919	3.78E-13	1.82E-14	4.8	7.01E+05	3.46E+04	6.2	7.1	0.5
PTD94-06	No Data	No Data	No Data	No Data	No Data	No Data	No Data	KNSTD9919	5.11E-13	2.62E-14	5.1	6.75E+05	3.53E+04	No Data	No Data	No Data
PTD94-07	LLNL3000	2.11E-12	5.22E-14	2.5	8.86E+05	8.01E+05	2.06E+04	KNSTD9919	2.71E-12	6.42E-14	2.4	4.64E+06	1.10E+05	5.2	6.1	0.2
PTD94-08	LLNL3000	1.68E-13	6.74E-15	4.0	5.90E+04	5.33E+04	5.04E+03	KNSTD9919	3.58E-13	1.53E-14	4.3	3.97E+05	1.82E+04	6.7	7.8	0.8
PTD94-09a	LLNL3000	1.85E-13	4.26E-15	2.3	6.73E+04	6.09E+04	4.70E+03	KNSTD9919	4.10E-13	1.51E-14	3.7	5.17E+05	2.01E+04	7.7	8.9	0.8
PTD94-09b	LLNL3000	1.51E-13	3.49E-15	2.3	5.77E+04	5.22E+04	5.05E+03	KNSTD9919	3.20E-13	1.31E-14	4.1	4.00E+05	1.79E+04	6.9	8.0	0.9
PTD94-09c	LLNL3000	1.71E-13	3.94E-15	2.3	6.01E+04	5.44E+04	4.58E+03	KNSTD9919	3.45E-13	1.37E-14	4.0	3.91E+05	1.68E+04	6.5	7.5	0.7

PTD94-10	LLNL3000	2.27E-13	6.11E-15	2.7	8.33E+04	7.53E+04	4.88E+03	KNSTD9919	2.09E-13	1.01E-14	4.8	5.20E+05	2.60E+04	6.2	7.2	0.6
PTD94-11a	LLNL3000	1.28E-13	3.89E-15	3.0	4.19E+04	3.79E+04	4.58E+03	KNSTD9919	1.21E-13	6.73E-15	5.5	2.75E+05	1.66E+04	6.5	7.6	1.0
PTD94-11b	LLNL3000	1.57E-13	4.67E-15	3.0	5.50E+04	4.98E+04	4.72E+03	KNSTD9919	2.33E-13	9.60E-15	4.1	3.39E+05	1.54E+04	6.2	7.1	0.8
PTD94-13	LLNL3000	1.60E-13	4.57E-15	2.9	5.56E+04	5.03E+04	4.67E+03	KNSTD9919	9.46E-14	3.40E-15	3.6	3.56E+05	1.43E+04	6.4	7.4	0.8
PTD94-14	LLNL3000	3.36E-13	7.97E-15	2.4	1.31E+05	1.19E+05	5.36E+03	KNSTD9919	2.76E-13	9.95E-15	3.6	8.55E+05	3.16E+04	6.5	7.5	0.4
PTD94-15a	LLNL3000	1.26E-13	4.08E-15	3.2	4.12E+04	3.73E+04	4.64E+03	KNSTD9919	1.26E-13	6.41E-15	5.1	2.92E+05	1.62E+04	7.1	8.2	1.1
PTD94-15b	LLNL3000	1.27E-13	3.92E-15	3.1	4.20E+04	3.80E+04	4.63E+03	KNSTD9919	1.24E-13	7.62E-15	6.2	3.04E+05	1.99E+04	7.2	8.4	1.2
PTD94-15c	LLNL3000	1.31E-13	6.25E-15	4.8	4.40E+04	3.98E+04	5.00E+03	KNSTD9919	1.43E-13	6.57E-15	4.6	3.17E+05	1.60E+04	7.2	8.3	1.1
PTD94-16	LLNL3000	1.55E-13	4.30E-15	2.8	5.61E+04	5.08E+04	4.89E+03	KNSTD9919	2.01E-13	2.11E-14	10.5	3.58E+05	3.87E+04	6.4	7.4	1.1
PTD94-17	LLNL3000	1.76E-13	7.71E-15	4.4	5.86E+04	5.30E+04	4.93E+03	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
PTD94-18a	LLNL3000	1.05E-13	2.94E-15	2.8	4.01E+04	3.63E+04	5.56E+03	KNSTD9919	1.28E-13	1.00E-14	7.8	2.50E+05	2.14E+04	6.2	7.2	1.3
PTD94-18b	LLNL3000	1.65E-13	4.73E-15	2.9	5.84E+04	5.28E+04	4.77E+03	KNSTD9919	2.50E-13	1.61E-14	6.4	3.94E+05	2.64E+04	6.8	7.8	0.9
PTD94-18c	LLNL3000	1.24E-13	3.80E-15	3.1	4.16E+04	3.76E+04	4.70E+03	KNSTD9919	1.43E-13	6.21E-15	4.4	2.76E+05	1.37E+04	6.6	7.7	1.0

*Reported isotopic ratios have not been corrected for backgrounds. Blanks are reported in Table R3.

†Values have been scaled from their original, measured values to reflect the currently-accepted ^{10}Be standard value (07KNSTD; Nishiizumi et al., 2007) that was developed after these samples were analyzed (1996-2001).

Table R3. Data for the 33 blanks included in the analysis.

Blank Name	Be Carrier (g)*	Al Carrier (g)*	Measured $^{10}Be/^{9}Be$ Ratio†	$^{10}Be/^{9}Be$ Ratio Unc.	Measured $^{26}Al/^{27}Al$ Ratio†	$^{26}Al/^{27}Al$ Ratio Unc.
B48-2	0.211	1.931	4.060E-14	5.900E-15	2.301E-14	8.700E-15
B49-H	0.239	1.980	1.770E-14	1.000E-14	1.052E-14	4.800E-15
B49-L	0.258	1.978	2.430E-14	5.800E-15	2.182E-15	2.200E-15
B50	0.233	1.726	2.890E-14	7.000E-15	7.837E-15	2.700E-15
51B	0.242	1.880	3.320E-14	1.800E-14	5.853E-15	3.000E-15
52B	0.251	1.983	1.720E-14	3.300E-15	7.738E-15	2.900E-15
53B	0.252	1.985	3.940E-14	3.000E-15	7.025E-14	8.900E-15
54B	0.254	1.994	2.100E-14	3.300E-15	1.577E-14	5.000E-15
55B	0.250	1.881	3.340E-14	3.800E-15	4.266E-15	1.600E-15
56B	0.253	1.995	3.020E-14	1.200E-14	1.290E-15	8.400E-15
58B	0.302	2.018	8.910E-14	2.500E-14	2.650E-15	1.400E-15
59B	0.299	1.904	2.690E-14	5.300E-15	1.100E-15	0.000E+00
60B	0.301	1.995	4.400E-14	6.500E-15	2.450E-15	1.500E-15
61B	0.300	1.960	4.100E-14	6.000E-15	1.350E-15	1.350E-15
62B	0.286	1.880	3.520E-14	4.900E-15	1.480E-14	5.300E-15
63B	0.298	2.003	4.820E-14	1.700E-14	1.900E-14	1.100E-14
64B	0.301	1.937	2.780E-14	6.900E-15	3.050E-15	2.200E-15
65B	0.304	2.017	2.430E-14	6.000E-15	3.700E-15	2.200E-15
66B	0.303	1.994	2.440E-14	4.900E-15	3.250E-15	1.900E-15
67B	0.300	1.993	3.470E-14	7.500E-15	3.850E-15	2.300E-15
69B	0.250	1.696	5.130E-14	3.800E-15	8.300E-15	3.700E-15
72B	0.249	2.031	2.940E-14	6.900E-15	8.900E-15	2.800E-15
146BLANK	0.248	1.993	1.726E-14	9.800E-16	2.473E-15	1.749E-15
152BLANK	0.301	2.984	1.906E-14	2.216E-15	2.997E-15	1.341E-15
160BLANK	0.254	2.641	2.028E-14	1.800E-15	2.208E-15	7.826E-16
160BLANKX	0.253	2.512	2.341E-14	2.274E-15	No Data	No Data
162BLANK	0.252	3.012	2.303E-14	4.430E-15	3.682E-15	1.451E-15
188BLANK	0.252	3.017	1.762E-14	2.887E-15	2.024E-15	2.024E-15
188BLANKX	0.253	3.015	2.136E-14	2.600E-15	1.485E-15	1.485E-15
191BLANK	0.260	3.018	1.525E-14	1.933E-15	4.492E-15	2.248E-15
192BLANK	0.316	2.878	3.668E-14	3.206E-15	2.427E-15	1.717E-15
193BLANK	0.256	2.499	2.431E-14	1.942E-15	1.034E-15	1.034E-15
193BLANKX	0.252	2.393	2.888E-14	1.280E-15	1.397E-15	1.397E-15
		MEDIAN:	**2.735E-14**	**MEDIAN:**	**3.250E-15**	
		STDEV:	**9.546E-15**	**STDEV:**	**5.603E-15**	

*All blanks were prepared using SPEX Be and Al carrier with a concentration of 1000 μg mL^{-1}.

†For each isotope, there was one blank (58B for Be, 53B for Al, listed in gray above) that was higher than any other blank by more than 1σ. We considered these measurements outliers and did not include them in our calculation of a background value.