

Ne-21 measurements from BCO core: complete step-degassing results
Berkeley Geochronology Center: June-July 2010

Sample name	Aliquot	Aliquot weight (g)	Heating temperature (deg C)	Heating time (hr)	Total ²⁰ Ne released ² (10 ⁹ atoms)	Total ²¹ Ne released ³ (10 ⁹ atoms)	²¹ Ne / ²⁰ Ne ⁴ (10 ⁻³)	²² Ne / ²⁰ Ne ⁴ (10 ⁻³)	Cosmogenic ²¹ Ne ⁵ This heating step (10 ⁹ atoms g ⁻¹)	Cosmogenic ²¹ Ne as % of ²¹ Ne released in this heating step	Percent of total cosmogenic ²¹ Ne released in this step	Total cosmogenic ²¹ Ne (10 ⁹ atoms g ⁻¹)
001-BCO	a	0.0791	390	0.2	0.400 +/- 0.015	31.873 +/- 0.739	78.856 +/- 3.066	185.2 +/- 8.6	389.41 +/- 9.40	97	69	560.4 +/- 10.7
			780	0.2	1.101 +/- 0.013	16.540 +/- 0.443	14.912 +/- 0.333	116.0 +/- 2.1	166.95 +/- 5.08	80	30	
			1140	0.2	0.117 +/- 0.011	0.663 +/- 0.063	5.632 +/- 0.754	112.6 +/- 17.3	4.01 +/- 0.90	48	1	
	b	0.0844	370	0.17	0.498 +/- 0.014	33.284 +/- 0.584	66.895 +/- 1.965	172.3 +/- 6.3	378.31 +/- 6.97	96	68	559.4 +/- 7.9
			780	0.17	1.196 +/- 0.012	18.074 +/- 0.33	15.102 +/- 0.229	117.6 +/- 2.5	172.71 +/- 3.70	81	31	
			1140	0.17	0.208 +/- 0.011	1.321 +/- 0.068	6.343 +/- 0.457	108.9 +/- 9.2	8.38 +/- 0.89	54	1	
	c	0.0935	390	0.2	0.758 +/- 0.013	39.054 +/- 0.822	51.230 +/- 1.034	159.1 +/- 3.7	395.16 +/- 8.84	95	70	561.6 +/- 10.0
			780	0.2	1.274 +/- 0.016	18.725 +/- 0.456	14.626 +/- 0.299	115.7 +/- 2.0	159.49 +/- 4.55	80	28	
			1140	0.2	0.182 +/- 0.011	1.185 +/- 0.083	6.480 +/- 0.580	109.7 +/- 11.2	6.93 +/- 0.96	55	1	
BCO-2	a	0.0978	390	0.2	0.431 +/- 0.010	41.235 +/- 0.949	94.595 +/- 2.574	212.9 +/- 6.9	410.12 +/- 9.74	97	74	553.3 +/- 10.6
			780	0.2	1.232 +/- 0.020	17.081 +/- 0.384	13.761 +/- 0.275	114.4 +/- 2.4	137.90 +/- 3.99	79	25	
			1140	0.2	0.103 +/- 0.011	0.814 +/- 0.078	7.893 +/- 1.109	115.3 +/- 19.2	5.24 +/- 0.86	63	1	
	b	0.1113	390	0.2	0.702 +/- 0.019	44.636 +/- 0.909	63.261 +/- 1.807	175.8 +/- 5.7	383.80 +/- 8.21	96	71	544.3 +/- 9.1
			780	0.2	1.499 +/- 0.017	21.733 +/- 0.482	14.418 +/- 0.245	115.4 +/- 1.5	154.95 +/- 3.73	79	28	
			1140	0.2	0.239 +/- 0.011	1.325 +/- 0.096	5.534 +/- 0.470	109.3 +/- 9.0	5.58 +/- 0.92	47	1	
	c	0.0941	390	0.2	1.092 +/- 0.023	39.534 +/- 0.882	36.030 +/- 0.789	138.7 +/- 3.4	387.23 +/- 9.43	92	70	552.5 +/- 10.7
			780	0.2	1.365 +/- 0.025	18.700 +/- 0.45	13.661 +/- 0.288	112.3 +/- 2.5	156.37 +/- 4.86	79	28	
			1140	0.2	0.306 +/- 0.009	1.737 +/- 0.102	5.672 +/- 0.355	108.3 +/- 6.3	8.88 +/- 1.13	48	2	
	d	0.0857	390	0.2	0.882 +/- 0.015	36.050 +/- 0.811	40.665 +/- 0.781	144.4 +/- 3.2	391.65 +/- 9.51	93	71	552.5 +/- 11.0
			780	0.2	1.081 +/- 0.018	16.472 +/- 0.46	15.200 +/- 0.369	118.0 +/- 2.8	154.97 +/- 5.32	81	28	
			1140	0.2	0.274 +/- 0.011	1.319 +/- 0.088	4.807 +/- 0.359	108.1 +/- 8.0	5.92 +/- 1.17	38	1	
BCO-3	a	0.1126	390	0.2	0.532 +/- 0.018	45.327 +/- 0.914	84.138 +/- 2.879	193.6 +/- 7.6	390.00 +/- 8.17	97	71	551.1 +/- 9.1
			780	0.2	1.338 +/- 0.015	21.480 +/- 0.512	15.934 +/- 0.291	116.2 +/- 1.8	154.70 +/- 3.89	81	28	
			1140	0.2	0.113 +/- 0.011	1.050 +/- 0.083	9.217 +/- 1.117	125.1 +/- 17.7	6.37 +/- 0.79	68	1	
	b	0.098	390	0.2	0.541 +/- 0.012	39.758 +/- 0.839	73.064 +/- 1.818	177.9 +/- 5.7	390.80 +/- 8.60	96	72	544.8 +/- 9.5
			780	0.2	1.284 +/- 0.015	18.086 +/- 0.422	14.028 +/- 0.261	113.8 +/- 2.0	145.54 +/- 3.83	79	27	
			1140	0.2	0.123 +/- 0.012	1.187 +/- 0.1	9.630 +/- 1.248	154.4 +/- 20.4	8.43 +/- 1.09	70	2	
	c	0.0753	390	0.2	0.725 +/- 0.020	31.337 +/- 0.71	42.988 +/- 1.251	146.2 +/- 5.4	389.10 +/- 9.50	93	70	554.4 +/- 10.9
			780	0.2	1.142 +/- 0.020	15.492 +/- 0.394	13.534 +/- 0.300	113.1 +/- 3.1	161.47 +/- 5.30	78	29	
			1140	0.2	0.243 +/- 0.011	1.008 +/- 0.082	4.144 +/- 0.372	107.7 +/- 8.9	3.86 +/- 1.17	29	1	
BCO-4	a	0.0958	390	0.2	0.492 +/- 0.017	39.847 +/- 0.795	80.081 +/- 2.866	186.3 +/- 8.2	402.24 +/- 8.35	97	74	544.2 +/- 9.2
			780	0.2	2.790 +/- 0.017	21.175 +/- 0.526	7.520 +/- 0.128	107.5 +/- 0.8	133.34 +/- 3.82	60	25	
			1140	0.2	0.132 +/- 0.011	1.209 +/- 0.066	9.139 +/- 0.893	118.8 +/- 15.3	8.59 +/- 0.77	68	2	
	b	0.1078	390	0.2	0.504 +/- 0.013	42.354 +/- 0.84	83.646 +/- 2.278	199.6 +/- 6.8	380.48 +/- 7.83	97	72	530.1 +/- 8.7
			780	0.2	1.373 +/- 0.019	19.607 +/- 0.406	14.223 +/- 0.247	116.9 +/- 2.3	143.94 +/- 3.75	79	27	
			1140	0.2	0.201 +/- 0.012	1.202 +/- 0.091	5.953 +/- 0.559	101.5 +/- 10.3	5.65 +/- 0.91	51	1	
	c	0.0835	390	0.2	0.673 +/- 0.022	34.423 +/- 0.892	50.934 +/- 1.830	153.5 +/- 6.0	389.86 +/- 10.76	95	73	530.5 +/- 11.8
			780	0.2	0.964 +/- 0.018	14.048 +/- 0.397	14.557 +/- 0.378	115.3 +/- 3.0	134.58 +/- 4.82	80	25	
			1140	0.2	0.135 +/- 0.012	0.902 +/- 0.069	6.649 +/- 0.762	121.4 +/- 17.6	6.03 +/- 0.93	56	1	

BCO-5	a	0.1107	390	0.2	0.455 +/- 0.012	46.013 +/- 0.957	99.888 +/- 2.790	215.2 +/- 7.1	404.99 +/- 8.69	97	74	544.3 +/- 9.3
			780	0.2	1.356 +/- 0.014	19.140 +/- 0.449	13.989 +/- 0.238	115.5 +/- 2.1	135.59 +/- 3.23	78	25	
			1140	0.2	0.101 +/- 0.011	0.704 +/- 0.082	6.936 +/- 1.076	128.1 +/- 19.9	3.68 +/- 0.80	58	1	
	b	0.1316	390	0.2	0.618 +/- 0.013	51.838 +/- 1.007	83.445 +/- 1.853	193.3 +/- 5.5	381.43 +/- 7.69	97	72	531.9 +/- 8.5
			780	0.2	1.560 +/- 0.018	23.658 +/- 0.517	15.103 +/- 0.257	115.3 +/- 1.6	144.44 +/- 3.50	80	27	
			1140	0.2	0.191 +/- 0.012	1.358 +/- 0.104	7.093 +/- 0.682	113.0 +/- 11.2	6.05 +/- 0.84	59	1	
	a	0.094	390	0.2	0.736 +/- 0.015	38.827 +/- 0.826	52.109 +/- 1.209	157.5 +/- 4.6	391.33 +/- 8.83	95	74	530.2 +/- 9.7
			780	0.2	1.199 +/- 0.015	16.069 +/- 0.397	13.275 +/- 0.267	112.6 +/- 2.2	132.03 +/- 3.80	77	25	
			1140	0.2	0.130 +/- 0.011	1.027 +/- 0.087	7.846 +/- 0.928	111.4 +/- 16.0	6.86 +/- 0.99	63	1	
BCO-6	b	0.0934	390	0.2	0.520 +/- 0.014	35.103 +/- 0.741	67.182 +/- 1.923	175.3 +/- 6.1	360.70 +/- 7.98	96	69	525.7 +/- 9.1
			780	0.2	1.229 +/- 0.017	18.134 +/- 0.403	14.684 +/- 0.278	114.2 +/- 2.1	154.91 +/- 4.25	80	29	
			1140	0.2	0.175 +/- 0.011	1.453 +/- 0.094	8.258 +/- 0.736	113.0 +/- 12.2	10.04 +/- 1.07	65	2	
	a	0.1014	390	0.2	0.694 +/- 0.014	40.874 +/- 0.866	58.197 +/- 1.338	166.1 +/- 4.4	384.27 +/- 8.59	95	74	518.4 +/- 9.1
			780	0.2	1.333 +/- 0.014	17.238 +/- 0.379	12.811 +/- 0.192	113.8 +/- 2.2	129.94 +/- 2.85	76	25	
			1140	0.2	0.135 +/- 0.011	0.817 +/- 0.084	6.019 +/- 0.781	101.8 +/- 14.2	4.14 +/- 0.89	51	1	
	b	0.0975	390	0.2	0.474 +/- 0.011	37.310 +/- 0.77	78.303 +/- 1.981	188.3 +/- 6.3	369.65 +/- 7.94	97	71	518.9 +/- 9.0
			780	0.2	1.227 +/- 0.016	17.514 +/- 0.425	14.229 +/- 0.292	113.9 +/- 2.5	142.37 +/- 4.14	79	27	
			1140	0.2	0.130 +/- 0.017	1.050 +/- 0.071	8.027 +/- 1.155	105.5 +/- 18.5	6.84 +/- 0.89	64	1	
BCO-10	a	0.0936	390	0.2	0.486 +/- 0.016	39.648 +/- 0.816	80.573 +/- 2.730	186.7 +/- 7.4	409.74 +/- 8.77	97	81	505.5 +/- 9.3
			780	0.2	1.050 +/- 0.013	11.975 +/- 0.319	11.293 +/- 0.253	106.9 +/- 2.3	93.82 +/- 3.09	73	19	
			1140	0.2	0.082 +/- 0.011	0.422 +/- 0.073	5.121 +/- 1.098	100.5 +/- 22.1	1.93 +/- 0.85	43	0	
	b	0.0777	390	0.2	0.260 +/- 0.013	29.791 +/- 0.591	114.060 +/- 5.696	232.7 +/- 14.0	374.91 +/- 7.65	98	76	492.0 +/- 9.0
			780	0.2	0.991 +/- 0.016	11.813 +/- 0.351	11.885 +/- 0.337	112.1 +/- 2.5	114.72 +/- 4.58	75	23	
			1140	0.2	0.084 +/- 0.011	0.433 +/- 0.062	5.133 +/- 0.995	127.6 +/- 26.1	2.39 +/- 0.90	43	0	
	a	0.1273	390	0.2	0.823 +/- 0.012	48.411 +/- 0.989	58.106 +/- 0.995	169.1 +/- 3.4	362.50 +/- 7.80	95	77	472.7 +/- 8.3
			780	0.2	1.458 +/- 0.014	17.829 +/- 0.445	12.107 +/- 0.224	112.8 +/- 1.9	105.16 +/- 2.77	75	22	
			1140	0.2	0.147 +/- 0.013	1.077 +/- 0.067	7.299 +/- 0.770	117.0 +/- 14.5	5.07 +/- 0.60	60	1	
	b	0.0952	390	0.2	0.433 +/- 0.011	35.566 +/- 0.707	81.682 +/- 2.148	197.3 +/- 6.9	361.48 +/- 7.46	97	77	472.0 +/- 8.2
			780	0.2	1.055 +/- 0.015	13.372 +/- 0.322	12.632 +/- 0.267	114.9 +/- 2.5	107.63 +/- 3.35	77	23	
			1140	0.2	0.100 +/- 0.011	0.569 +/- 0.062	5.689 +/- 0.872	109.1 +/- 20.6	2.90 +/- 0.74	49	1	
BCO-18	a	0.1219	390	0.2	0.462 +/- 0.011	42.637 +/- 0.7	91.747 +/- 2.264	202.8 +/- 6.4	339.81 +/- 5.77	97	78	437.4 +/- 6.2
			780	0.2	1.230 +/- 0.011	15.238 +/- 0.317	12.290 +/- 0.206	113.7 +/- 2.1	94.53 +/- 2.24	76	22	
			1140	0.2	0.058 +/- 0.013	0.544 +/- 0.068	9.211 +/- 2.292	182.8 +/- 50.7	3.06 +/- 0.64	69	1	
	b	0.1391	390	0.2	0.439 +/- 0.009	51.931 +/- 0.823	117.094 +/- 2.559	237.5 +/- 6.5	365.36 +/- 5.94	98	83	438.4 +/- 6.4
			780	0.2	1.244 +/- 0.011	13.556 +/- 0.355	10.813 +/- 0.254	114.9 +/- 1.7	70.52 +/- 2.36	72	16	
			1140	0.2	0.073 +/- 0.010	0.562 +/- 0.071	7.582 +/- 1.420	135.0 +/- 29.5	2.49 +/- 0.55	62	1	
	c	0.1102	390	0.2	0.214 +/- 0.013	38.282 +/- 0.854	179.500 +/- 11.194	314.2 +/- 21.7	342.92 +/- 7.79	99	78	439.4 +/- 8.4
			780	0.2	1.114 +/- 0.012	13.564 +/- 0.382	12.187 +/- 0.278	114.3 +/- 1.8	93.60 +/- 2.99	76	21	
			1140	0.2	0.078 +/- 0.011	0.546 +/- 0.053	7.037 +/- 1.188	117.3 +/- 26.5	2.89 +/- 0.56	58	1	
	d	0.0538	390	0.2	0.163 +/- 0.017	18.992 +/- 0.44	115.711 +/- 12.024	219.2 +/- 25.6	345.34 +/- 8.27	98	77	449.1 +/- 9.3
			780	0.2	0.520 +/- 0.010	6.956 +/- 0.201	13.235 +/- 0.385	112.3 +/- 3.9	101.06 +/- 3.80	78	23	
			1140	0.2	0.059 +/- 0.029	0.319 +/- 0.047	5.381 +/- 2.786	67.3 +/- 42.1	2.73 +/- 1.83	46	1	
BCO-53	a	0.1267	390	0.2	0.346 +/- 0.013	25.331 +/- 0.501	72.822 +/- 2.868	183.7 +/- 9.1	192.57 +/- 3.98	96	77	249.6 +/- 4.7
			780	0.2	1.428 +/- 0.014	11.165 +/- 0.337	7.745 +/- 0.216	105.6 +/- 2.0	54.14 +/- 2.50	61	22	
			1140	0.2	0.087 +/- 0.012	0.625 +/- 0.064	7.152 +/- 1.201	127.5 +/- 25.9	2.93 +/- 0.58	59	1	

	b	0.1293	390	0.2	0.306 +/- 0.012	25.017 +/- 0.55	81.881 +/- 3.396	196.0 +/- 9.8	187.16 +/- 4.28	97	75	249.5 +/- 4.7
			780	0.2	1.551 +/- 0.016	12.188 +/- 0.306	7.864 +/- 0.148	107.3 +/- 1.8	59.05 +/- 1.88	63	24	
			1140	0.2	0.100 +/- 0.012	0.717 +/- 0.059	7.191 +/- 1.047	131.0 +/- 22.1	3.28 +/- 0.54	59	1	
BCO-83	a	0.1225	390	0.2	0.255 +/- 0.016	16.139 +/- 0.381	62.963 +/- 4.025	167.3 +/- 13.2	126.06 +/- 3.14	96	80	156.7 +/- 3.6
			780	0.2	1.180 +/- 0.015	7.171 +/- 0.214	6.022 +/- 0.172	103.5 +/- 2.7	29.60 +/- 1.70	51	19	
			1140	0.2	0.081 +/- 0.011	0.362 +/- 0.056	4.415 +/- 0.899	106.3 +/- 25.5	1.00 +/- 0.53	34	1	
	b	0.1417	390	0.2	0.293 +/- 0.011	18.216 +/- 0.479	62.074 +/- 2.484	179.8 +/- 9.1	122.88 +/- 3.40	96	82	149.9 +/- 3.7
			780	0.2	1.287 +/- 0.014	7.345 +/- 0.232	5.721 +/- 0.156	103.8 +/- 1.8	25.17 +/- 1.45	49	17	
			1140	0.2	0.121 +/- 0.012	0.619 +/- 0.059	5.130 +/- 0.682	119.4 +/- 16.9	1.86 +/- 0.48	43	1	
BCO-151	a	0.1229	390	0.2	0.276 +/- 0.016	6.099 +/- 0.197	22.000 +/- 1.446	128.8 +/- 10.7	43.15 +/- 1.66	87	77	56.0 +/- 2.1
			780	0.2	1.209 +/- 0.012	5.042 +/- 0.15	4.133 +/- 0.114	103.4 +/- 1.8	11.58 +/- 1.13	28	21	
			1140	0.2	0.093 +/- 0.010	0.432 +/- 0.069	4.585 +/- 0.874	98.6 +/- 20.6	1.28 +/- 0.61	36	2	
	b	0.1383	390	0.2	0.337 +/- 0.011	7.042 +/- 0.229	20.904 +/- 0.862	119.7 +/- 6.1	43.88 +/- 1.68	86	78	56.3 +/- 2.3
			780	0.2	1.279 +/- 0.015	5.428 +/- 0.215	4.245 +/- 0.155	106.6 +/- 2.4	11.94 +/- 1.44	30	21	
			1140	0.2	0.143 +/- 0.012	0.494 +/- 0.064	3.461 +/- 0.533	104.5 +/- 13.8	0.52 +/- 0.53	15	1	
BCO-201	b	0.139	390	0.2	0.280 +/- 0.015	3.555 +/- 0.138	12.704 +/- 0.781	115.0 +/- 8.5	19.69 +/- 1.04	77	77	25.5 +/- 1.5
			780	0.2	1.275 +/- 0.015	4.440 +/- 0.157	3.485 +/- 0.111	102.3 +/- 2.0	4.84 +/- 1.02	15	19	
			1140	0.2	0.107 +/- 0.012	0.451 +/- 0.064	4.227 +/- 0.750	108.4 +/- 19.0	0.98 +/- 0.52	30	4	
	c	0.1373	390	0.2	0.297 +/- 0.016	3.848 +/- 0.121	12.815 +/- 0.764	110.7 +/- 8.7	21.70 +/- 0.95	77	76	28.5 +/- 1.8
			780	0.2	1.252 +/- 0.011	4.671 +/- 0.213	3.701 +/- 0.156	104.6 +/- 1.7	6.80 +/- 1.43	20	24	
			1140	0.2	0.068 +/- 0.011	0.206 +/- 0.054	2.996 +/- 0.929	116.5 +/- 28.7	0.02 +/- 0.46	1	0	
BCO-449	a	0.1298	390	0.2	0.451 +/- 0.013	1.919 +/- 0.108	4.229 +/- 0.257	106.3 +/- 5.1	4.53 +/- 0.88	31	86	5.3 +/- 1.7
			780	0.2	1.173 +/- 0.013	3.510 +/- 0.177	2.963 +/- 0.147	102.8 +/- 2.4	0.04 +/- 1.33	0	1	
			1140	0.2	0.118 +/- 0.010	0.439 +/- 0.07	3.664 +/- 0.661	107.3 +/- 17.0	0.68 +/- 0.59	20	13	
	b	0.412	370	0.17	1.362 +/- 0.014	5.482 +/- 0.193	4.013 +/- 0.134	104.2 +/- 1.8	3.49 +/- 0.45	26	55	6.3 +/- 0.8
			780	0.17	3.908 +/- 0.031	12.445 +/- 0.268	3.161 +/- 0.059	101.4 +/- 0.9	1.93 +/- 0.56	6	31	
			1140	0.17	0.712 +/- 0.014	2.492 +/- 0.118	3.461 +/- 0.172	108.4 +/- 3.1	0.87 +/- 0.30	14	14	
BCO-860	a	0.1477	390	0.2	0.509 +/- 0.013	2.105 +/- 0.112	4.105 +/- 0.234	106.6 +/- 4.7	4.07 +/- 0.80	29	62	6.5 +/- 1.6
			780	0.2	1.571 +/- 0.015	4.971 +/- 0.194	3.134 +/- 0.117	102.0 +/- 1.5	1.87 +/- 1.24	6	29	
			1140	0.2	0.170 +/- 0.011	0.588 +/- 0.073	3.416 +/- 0.472	108.7 +/- 12.5	0.58 +/- 0.54	15	9	
	b	0.4446	390	0.2	1.948 +/- 0.024	7.707 +/- 0.195	3.917 +/- 0.092	102.8 +/- 1.6	4.21 +/- 0.41	24	48	8.8 +/- 0.8
			780	0.2	4.520 +/- 0.038	15.190 +/- 0.334	3.329 +/- 0.059	102.2 +/- 0.7	3.78 +/- 0.60	11	43	
			1140	0.2	0.525 +/- 0.008	1.935 +/- 0.091	3.659 +/- 0.173	104.4 +/- 3.7	0.83 +/- 0.20	19	9	
BCO-998	a	0.1493	390	0.2	0.745 +/- 0.014	2.480 +/- 0.1	3.288 +/- 0.138	99.2 +/- 3.2	1.65 +/- 0.69	10	64	2.6 +/- 1.5
			780	0.2	1.545 +/- 0.016	4.649 +/- 0.185	2.976 +/- 0.114	100.6 +/- 1.7	0.18 +/- 1.19	1	7	
			1140	0.2	0.155 +/- 0.011	0.578 +/- 0.075	3.668 +/- 0.535	102.7 +/- 12.9	0.74 +/- 0.56	19	29	
	b	0.4544	390	0.2	2.423 +/- 0.026	8.299 +/- 0.239	3.392 +/- 0.090	98.6 +/- 1.4	2.32 +/- 0.48	13	30	7.7 +/- 0.8
			780	0.2	4.918 +/- 0.042	16.520 +/- 0.322	3.327 +/- 0.048	101.1 +/- 0.6	4.00 +/- 0.52	11	52	
			1140	0.2	0.566 +/- 0.012	2.302 +/- 0.116	4.038 +/- 0.210	103.1 +/- 3.7	1.35 +/- 0.26	27	18	
BCO-1300	a	0.1455	390	0.2	0.601 +/- 0.013	2.226 +/- 0.116	3.660 +/- 0.201	102.5 +/- 4.0	2.90 +/- 0.84	19	67	4.3 +/- 1.5
			780	0.2	1.441 +/- 0.016	4.522 +/- 0.18	3.101 +/- 0.119	100.7 +/- 1.8	1.41 +/- 1.19	5	33	
			1140	0.2	0.092 +/- 0.011	0.296 +/- 0.064	3.179 +/- 0.784	109.4 +/- 22.2	- +/- -		0	
	b	0.409	390	0.2	1.984 +/- 0.023	7.338 +/- 0.222	3.662 +/- 0.105	101.4 +/- 1.7	3.42 +/- 0.51	19	61	5.7 +/- 0.9
			780	0.2	4.214 +/- 0.035	13.349 +/- 0.315	3.137 +/- 0.062	102.2 +/- 1.0	1.84 +/- 0.64	6	33	
			1140	0.2	0.434 +/- 0.014	1.452 +/- 0.091	3.324 +/- 0.228	102.0 +/- 5.4	0.39 +/- 0.24	11	7	

BCO-1784	a	0.1531	390	0.2	0.567 +/- 0.012	1.976 +/- 0.128	3.444 +/- 0.230	101.5 +/- 4.3	1.80 +/- 0.86	14	23	8.0 +/- 1.4
			780	0.2	1.990 +/- 0.016	6.803 +/- 0.178	3.378 +/- 0.076	101.5 +/- 1.1	5.47 +/- 1.00	12	69	
			1140	0.2	0.257 +/- 0.011	0.883 +/- 0.073	3.368 +/- 0.312	108.3 +/- 8.0	0.69 +/- 0.53	12	9	
	b	0.4619	390	0.2	2.482 +/- 0.025	8.773 +/- 0.224	3.499 +/- 0.081	98.1 +/- 1.5	2.91 +/- 0.44	15	42	6.9 +/- 0.9
			780	0.2	5.977 +/- 0.053	19.381 +/- 0.431	3.211 +/- 0.059	101.8 +/- 0.8	3.27 +/- 0.77	8	47	
			1140	0.2	1.201 +/- 0.017	3.925 +/- 0.149	3.242 +/- 0.120	98.1 +/- 2.3	0.74 +/- 0.31	9	11	
	a	0.154	390	0.2	0.430 +/- 0.013	1.758 +/- 0.091	4.045 +/- 0.236	110.6 +/- 5.0	3.18 +/- 0.64	28	36	8.7 +/- 1.5
			780	0.2	1.789 +/- 0.014	5.934 +/- 0.212	3.277 +/- 0.109	102.1 +/- 1.3	3.71 +/- 1.27	10	42	
			1140	0.2	0.201 +/- 0.010	0.879 +/- 0.066	4.301 +/- 0.382	108.0 +/- 9.6	1.85 +/- 0.47	32	21	
BCO-2520	b	0.4436	390	0.2	1.568 +/- 0.023	5.371 +/- 0.186	3.410 +/- 0.105	100.6 +/- 1.9	1.60 +/- 0.37	13	35	4.6 +/- 0.9
			780	0.2	5.300 +/- 0.048	16.816 +/- 0.457	3.169 +/- 0.059	101.1 +/- 0.7	2.52 +/- 0.71	7	55	
			1140	0.2	0.809 +/- 0.017	2.598 +/- 0.135	3.203 +/- 0.164	101.2 +/- 3.2	0.45 +/- 0.30	8	10	

Notes:

² Computed by comparison to ²⁰Ne signal in air pipettes. 1-sigma uncertainty includes measurement uncertainty of ²⁰Ne signal in this analysis and the reproducibility of the air pipette signal

³ Computed by comparison to ²¹Ne signal in air pipettes. 1-sigma uncertainty includes measurement uncertainty of ²¹Ne signal in this analysis and the reproducibility of the air pipette signal

⁴ Isotope ratio measured internally during each analysis; does not involve normalization to the Ne isotope signals in the air pipettes.

⁵ Analyses where cosmogenic ²¹Ne was not distinguishable from zero at 1 sigma are not shown. Cosmogenic ²¹Ne concentrations were calculated by normalization to either the ²⁰Ne or ²¹Ne signal in the air pipettes, depending on which method yielded better precision.