

Station #	station/bottle	³ He/ ⁴ He (R/Ra)	δ ³ He %	error δ ³ He %	[³ He] ccSTP/g	error [³ He] %	[³ He] ccSTP/g	error [³ He] %	[³ He] nM/kg	S. Latitude	Longitude	Depth (m)	Bkgd δ ³ He %	excess δ ³ He %
6	CTD_6 4B	1.0716	7.01	0.23	6.25E-14	0.67	4.20E-08	0.63	1.876	49.01493	-78.00985	3576.3		
6	CTD_6 4A	1.0783	7.83	0.35	6.35E-14	0.72	4.24E-08	0.63	1.891	49.01493	-78.00985	3376		
6	CTD_6 5A	1.0867	8.67	0.18	6.35E-14	0.66	4.20E-08	0.63	1.877	49.01493	-78.00985	3000.6		
6	CTD_6 7A	1.0891	8.91	0.28	6.30E-14	0.69	4.16E-08	0.63	1.858	49.01493	-78.00985	2000.8		
6	CTD_6 10A	1.0970	9.70	0.29	6.30E-14	0.36	4.13E-08	0.21	1.845	49.01493	-78.00985	1398.4		
6	CTD_6 12A	1.0849	8.49	0.25	6.10E-14	0.33	4.05E-08	0.21	1.807	49.01493	-78.00985	998.9		
6	CTD_6 15A	1.0483	4.83	0.31	5.92E-14	0.38	4.06E-08	0.21	1.813	49.01493	-78.00985	500.8		
6	CTD_6 18A	0.9897	-1.03	0.21	5.56E-14	0.30	4.04E-08	0.21	1.804	49.01493	-78.00985	200.4		
12	CTD_12 1A	1.0930	9.30	0.24	6.33E-14	0.32	4.17E-08	0.21	1.860	50.01314	-75.01309	1740		
12	CTD_12 3A	1.0961	9.61	0.28	6.35E-14	0.35	4.17E-08	0.21	1.862	50.01314	-75.01309	1670.6		
12	CTD_12 4A	1.0902	9.02	0.22	6.32E-14	0.65	4.17E-08	0.62	1.861	50.01314	-75.01309	1600		
12	CTD_12 5A	1.0981	9.81	0.57	6.38E-14	0.84	4.18E-08	0.62	1.867	50.01314	-75.01309	1503.2		
12	CTD_12 6A	1.0897	8.97	0.19	6.32E-14	0.65	4.17E-08	0.62	1.864	50.01314	-75.01309	1400.3		
12	CTD_12 8A	1.0864	8.64	0.22	6.27E-14	0.66	4.15E-08	0.62	1.852	50.01314	-75.01309	1001.4		
12	CTD_12 11A	1.0916	9.16	0.30	6.30E-14	0.69	4.15E-08	0.62	1.854	50.01314	-75.01309	699.4		
12	CTD_12 14A	1.0650	6.50	0.28	6.14E-14	0.32	4.15E-08	0.15	1.851	50.01314	-75.01309	501.4		
12	CTD_12 15A	1.0420	4.20	0.19	5.90E-14	0.65	4.07E-08	0.62	1.817	50.01314	-75.01309	300.1		
12	CTD_12 16A	1.0051	0.51	0.22	5.68E-14	0.45	4.06E-08	0.40	1.814	50.01314	-75.01309	200.3		
17	CTD_17 1A	1.0272	2.72	0.15	5.86E-14	0.42	4.10E-08	0.40	1.832	51.00843	-73.00000	394		
17	CTD_17 3A	1.0150	1.50	0.26	5.75E-14	0.48	4.07E-08	0.40	1.818	51.00843	-73.00000	354.8		
17	CTD_17 6A	1.0136	1.26	0.22	5.72E-14	0.45	4.07E-08	0.40	1.815	51.00843	-73.00000	307.4		
17	CTD_17 7A	1.0077	0.77	0.12	5.70E-14	0.41	4.07E-08	0.40	1.816	51.00843	-73.00000	255.5		
17	CTD_17 9A	1.0007	0.07	0.23	5.67E-14	0.46	4.07E-08	0.40	1.818	51.00843	-73.00000	206.4		
17	CTD_17 11A	0.9890	-1.10	0.25	5.55E-14	0.47	4.04E-08	0.40	1.803	51.00843	-73.00000	149.6		
18	CTD_18 1A	1.0992	9.92	0.18	6.45E-14	0.35	4.22E-08	0.30	1.884	52.01544	-71.00613	2810.4		
18	CTD_18 3A	1.0895	8.95	0.24	6.38E-14	0.39	4.21E-08	0.30	1.881	52.01544	-71.00613	2725.5		
18	CTD_18 4A	1.0848	8.48	0.21	6.35E-14	0.26	4.21E-08	0.15	1.881	52.01544	-71.00613	2498.7		
18	CTD_18 5A	1.0875	8.75	0.16	6.34E-14	0.24	4.19E-08	0.30	1.872	52.01544	-71.00613	1988.9		
18	CTD_18 6A	1.0923	9.23	0.26	6.32E-14	0.39	4.16E-08	0.30	1.858	52.01544	-71.00613	1600.3		
18	CTD_18 7A	1.0961	9.61	0.20	6.34E-14	0.36	4.16E-08	0.30	1.858	52.01544	-71.00613	1401		
18	CTD_18 8A	1.0975	9.75	0.19	6.32E-14	0.36	4.14E-08	0.30	1.849	52.01544	-71.00613	1200.9		
18	CTD_18 10A	1.0912	9.12	0.29	6.28E-14	0.42	4.14E-08	0.30	1.847	52.01544	-71.00613	901.4		
18	CTD_18 13A	1.0698	6.98	0.31	6.13E-14	0.34	4.12E-08	0.15	1.841	52.01544	-71.00613	600.9		
18	CTD_18 15A	1.0362	3.62	0.27	5.96E-14	0.31	4.14E-08	0.15	1.848	52.01544	-71.00613	401.1		
20	CTD_20 1A	1.0881	8.81	0.15	6.20E-14	0.86	4.10E-08	0.85	1.831	53.00055	-72.01098	129.6	0.59	8.22
20	CTD_20 3A	1.0297	2.97	0.25	5.82E-14	0.89	4.07E-08	0.85	1.816	53.00055	-72.01098	122.2	0.44	2.53
32	CTD_32 1A	1.0275	2.75	0.21	5.86E-14	0.31	4.11E-08	0.23	1.833	53.00054	-72.01101	124.4	0.49	2.27
32	CTD_32 3A	1.0325	3.25	0.30	5.87E-14	0.38	4.09E-08	0.23	1.827	53.00054	-72.01101	124	0.48	2.77
32	CTD_32 8A	1.0590	5.90	0.27	6.00E-14	0.89	4.08E-08	0.85	1.820	53.00054	-72.01101	93.9	-0.12	6.02
32	CTD_32 12A	1.0654	6.54	0.23	6.09E-14	0.88	4.12E-08	0.85	1.837	53.00054	-72.01101	125.8	0.52	6.02
33	CTD_33 14A	1.0090	0.90	0.34	5.75E-14	0.64	4.10E-08	0.55	1.831	53.00058	-72.01105	114.7	0.29	0.61
33	CTD_33 15A	1.0088	0.88	0.31	5.69E-14	0.43	4.06E-08	0.30	1.813	53.00058	-72.01105	127.5	0.55	0.33
33	CTD_33 16A	1.0107	1.07	0.24	5.70E-14	0.38	4.06E-08	0.30	1.813	53.00058	-72.01105	129	0.58	0.49
34	CTD_34 2A	1.0201	2.01	0.40	5.74E-14	0.50	4.05E-08	0.30	1.807	53.00056	-72.01101	124	0.48	1.53
34	CTD_34 3A	1.0157	1.57	0.28	5.75E-14	0.81	4.07E-08	0.76	1.818	53.00056	-72.01101	96	-0.08	1.65
35	CTD_35 1A	1.0212	2.12	0.41	5.78E-14	0.50	4.07E-08	0.30	1.818	53.00048	-72.01101	133.1	0.66	1.45
35	CTD_35 5A	1.0314	3.14	0.24	5.84E-14	0.39	4.07E-08	0.30	1.818	53.00048	-72.01101	90.2	-0.20	3.34
36	CTD_36 1A	1.1076	10.76	0.28	6.42E-14	0.36	4.17E-08	0.23	1.862	53.00056	-72.01115	133.9	0.68	10.09
36	CTD_36 6A	1.0318	3.18	0.34	5.87E-14	0.84	4.10E-08	0.76	1.828	53.00056	-72.01115	79.1	-0.42	3.60
36	CTD_36 7A	1.0307	3.07	0.33	5.82E-14	0.83	4.06E-08	0.76	1.812	53.00056	-72.01115	70.5	-0.59	3.66
38	CTD_38 1A	1.0238	2.38	0.30	5.82E-14	0.82	4.09E-08	0.76	1.825	53.00063	-72.01101	134	0.68	1.70
38	CTD_38 5A	1.0396	3.96	0.34	5.91E-14	0.84	4.09E-08	0.76	1.825	53.00063	-72.01101	74.9	-0.50	4.46
39	CTD_39 1A	1.0242	2.42	0.25	5.84E-14	0.34	4.10E-08	0.23	1.832	53.00056	-72.01089	115.6	0.31	2.10
39	CTD_39 3A	1.0289	2.89	0.28	5.82E-14	0.81	4.07E-08	0.76	1.816	53.00056	-72.01089	79.8	-0.40	3.29
39	CTD_39 5A	1.0258	2.58	0.28	5.77E-14	0.81	4.05E-08	0.76	1.806	53.00056	-72.01089	50.1	-1.00	3.58
52	CTD_52 1B	1.0304	3.04	0.35	5.78E-14	0.84	4.03E-08	0.76	1.800	53.00012	-73.01180	88.4	-0.23	3.27
22	CTD_22 1A	1.0025	0.25	0.31	5.69E-14	0.85	4.08E-08	0.79	1.822	53.00058	-72.00921	190.1	1.80	-1.55
22	CTD_22 5A	1.0027	0.27	0.32	5.67E-14	0.85	4.07E-08	0.79	1.817	53.00058	-72.00921	152.4	1.05	-0.78
24	CTD_24 1A	1.0159	1.59	0.30	5.78E-14	0.85	4.09E-08	0.79	1.827	52.01639	-72.00926	207.3	2.15	-0.55
24	CTD_24 3A	1.0196	1.96	0.22	5.77E-14	0.82	4.07E-08	0.79	1.817	52.01639	-72.00926	183.7	1.67	0.29
41	CTD_41 1A	0.9971	-0.29	0.25	5.87E-14	0.83	4.24E-08	0.79	1.891	52.01535	-74.00035	208.2	2.16	-2.45
41	CTD_41 2A	0.9994	-0.06	0.68	5.64E-14	0.91	4.06E-08	0.61	1.813	52.01535	-74.00035	190.3	1.81	-1.87
43	CTD_43 2A	0.9924	-0.76	0.38	5.67E-14	2.21	4.11E-08	2.18	1.836	52.01355	-74.00668	174.9	1.50	-2.26
43	CTD_43 4A	0.9979	-0.21	0.69	5.58E-14	0.92	4.02E-08	0.61	1.796	52.01355	-74.00668	130.5	0.61	-0.82
44	CTD_44 1A	1.0741	7.41	0.33	6.06E-14	2.20	4.06E-08	2.18	1.812	52.01176	-74.01320	526.4	8.53	-1.12
44	CTD_44 3A	1.0719	7.19	0.69	6.20E-14	0.92	4.16E-08	0.61	1.857	52.01176	-74.01320	479.4	7.59	-0.40
44	CTD_44 6A	1.0329	3.29	0.22	5.87E-14	0.39	4.09E-08	0.33	1.825	52.01176	-74.01320	380	5.60	-2.31
45	CTD_45 2A	1.0206	2.06	0.27	5.82E-14	0.43	4.10E-08	0.33	1.832	52.00898	-75.00428	292.3	3.85	-1.78
45	CTD_45 5A	1.0031	0.31	0.34	5.77E-14	2.20	4.14E-08	2.18	1.848	52.00898	-75.00428	220	2.40	-2.09
46	CTD_46 1A	1.0615	6.15	0.22	6.11E-14	0.40	4.14E-08	0.33	1.850	52.00684	-75.01006	560.5	9.21	-3.06
46	CTD_46 3A	1.0612	6.12	0.23	6.09E-14	0.40	4.13E-08	0.33	1.843	52.00684	-75.01006	538.6	8.77	-2.65
47	CTD_47 6A	1.0758	7.58	0.36	6.28E-14	2.21	4.20E-08	2.18	1.873	52.00499	-76.00011	601.2	10.02	-2.44
51	CTD_51 1A	1.0132	1.32	0.72	5.74E-14	0.95	4.08E-08	0.61	1.820	53.00020	-73.01194	81.7	-0.37	1.69