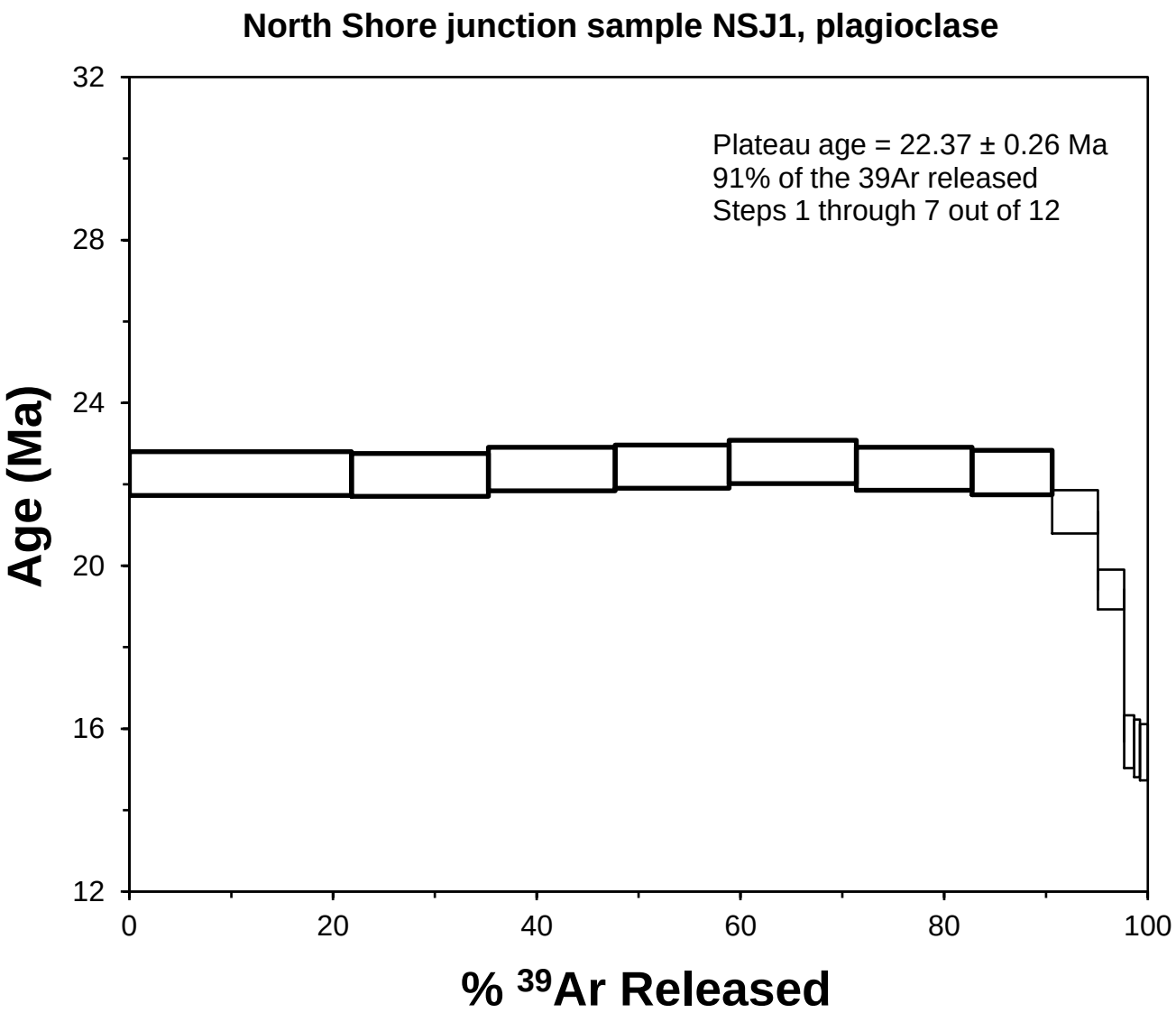
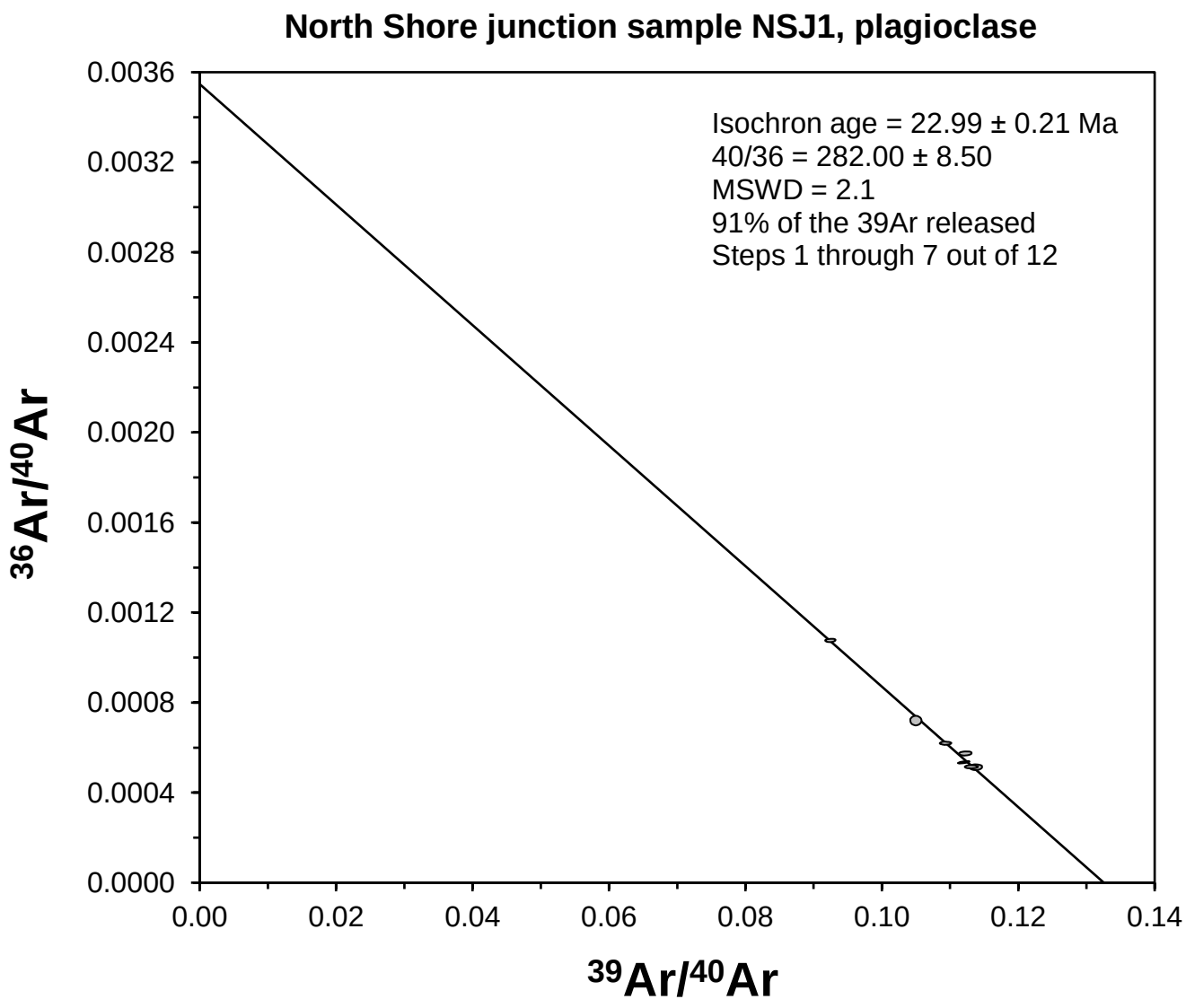
Filkorn-Pierce College, North Shore junction sample NSJ1, plagioclase, 36.90 mg, J = 0.0017 ± 1.08%
4 amu discrimination = 1.0467 ± 0.32%, 40/39K = 0.155 ± 2.67%, 36/37Ca = 0.000166 ± 0.76%, 39/37Ca = 0.000651 ± 0.28%

step	T (C)	t (min.)	36Ar	37Ar	38Ar	39Ar	40Ar	%40Ar*	% 39Ar rlsd	40Ar*/39ArK	Age (Ma)	1s.d.
1	500	12	4.489	0.441	9.709	356.299	3890.92	66.7	21.8	6.976067	22.26	0.27
2	530	12	1.366	0.355	5.786	219.664	1997.72	80.6	13.4	6.965663	22.23	0.26
3	560	12	1.153	0.440	5.298	203.384	1827.07	82.2	12.4	7.011063	22.38	0.27
4	590	12	1.069	0.615	4.710	182.784	1653.93	82.0	11.2	7.029665	22.43	0.27
5	640	12	1.214	1.095	5.457	204.144	1861.64	81.6	12.5	7.066241	22.55	0.27
6	700	12	1.293	1.960	4.676	185.637	1735.21	79.1	11.4	7.013270	22.38	0.26
7	760	12	1.120	2.433	3.111	128.504	1258.12	75.7	7.9	6.983949	22.29	0.27
8	820	12	0.829	2.315	1.666	73.414	745.314	70.9	4.5	6.679789	21.32	0.27
9	920	12	0.640	2.172	0.994	42.107	444.096	63.8	2.6	6.079197	19.42	0.24
10	1020	12	0.536	1.355	0.637	16.063	231.819	42.5	1.0	4.904103	15.68	0.32
11	1150	12	0.423	1.272	0.980	9.260	163.181	45.0	0.6	4.852590	15.52	0.35
12	1400	12	0.739	2.552	1.940	12.581	269.178	29.9	0.8	4.822751	15.42	0.35
								Cumulative %39Ar rlsd =	100.0	Total gas age =	22.07	0.09
										Plateau age = (steps 1-7)	22.37	0.26
										Isochron age = (steps 1-7)	22.99	0.21

note: isotope beams in mV, rlsd = released, error in age includes J error, all errors 1 sigma
(36Ar through 40Ar are measured beam intensities, corrected for decay for the age calculations)


North Shore junction sample NSJ1, plagioclase
Plateau age = 22.37 ± 0.26 Ma
91% of the 39Ar released
Steps 1 through 7 out of 12
Age (Ma)
32
28
24
20
16
12
0
20
40
60
80
100
% 39Ar Released


North Shore junction sample NSJ1, plagioclase
Isochron age = 22.99 ± 0.21 Ma
40/36 = 282.00 ± 8.50
MSWD = 2.1
91% of the 39Ar released
Steps 1 through 7 out of 12
0.0036
0.0032
0.0028
0.0024
0.0020
0.0016
0.0012
0.0008
0.0004
0.0000
36Ar/40Ar
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
39Ar/40Ar