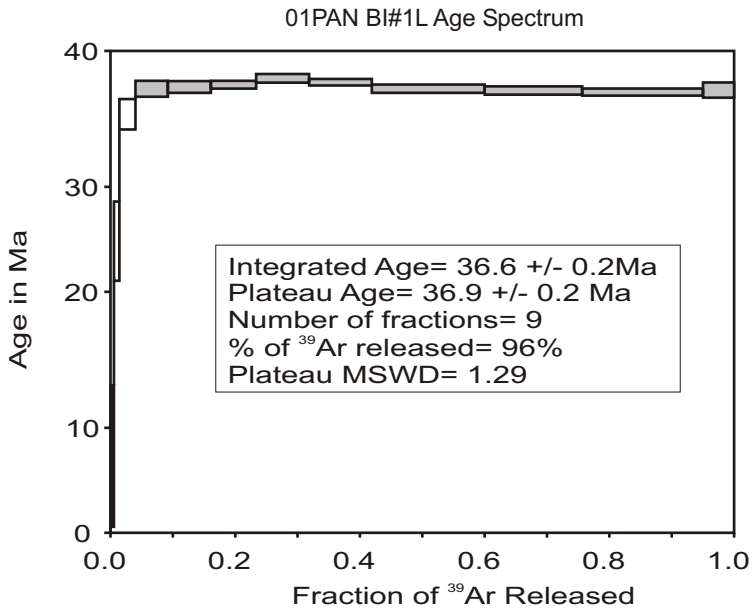
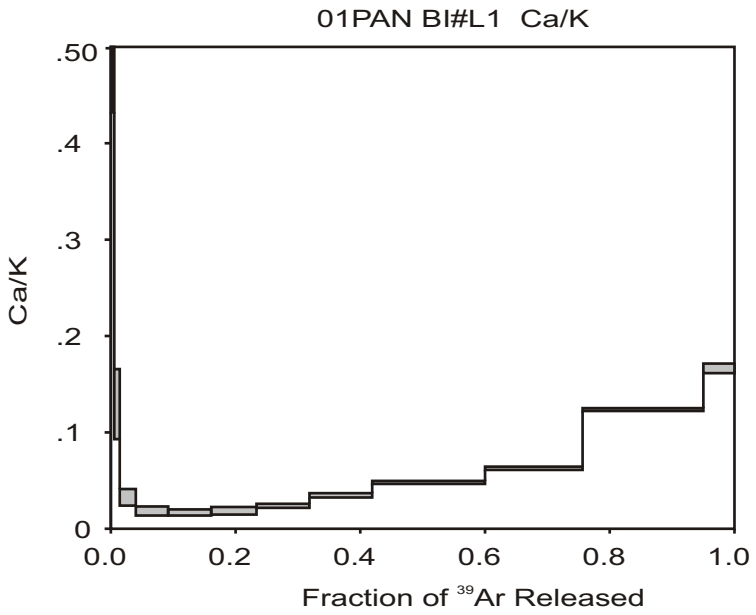
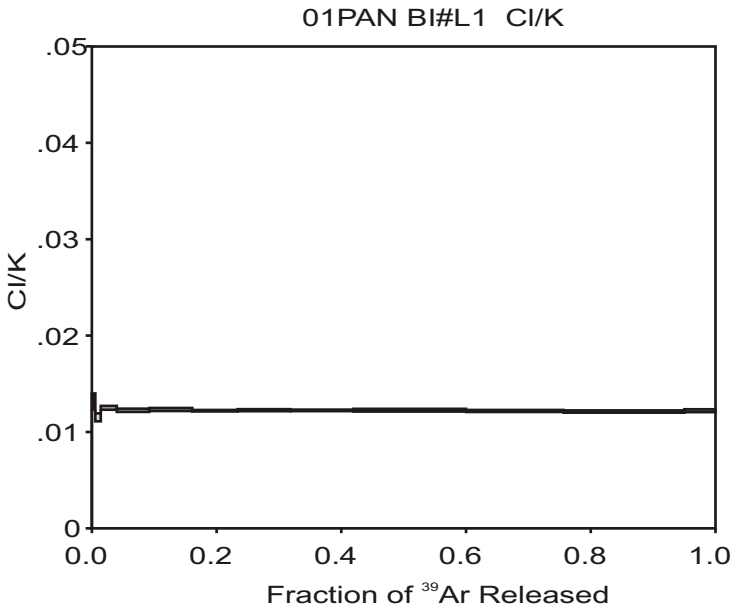
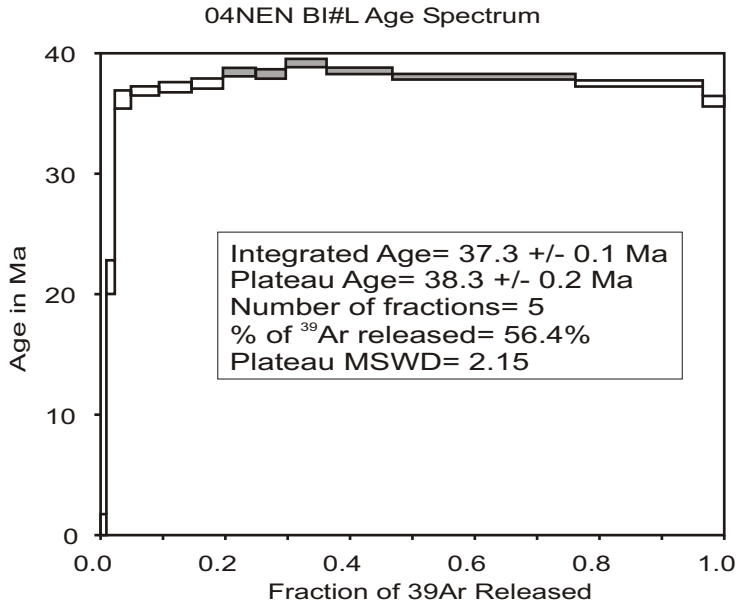
A1
BENOWITZ

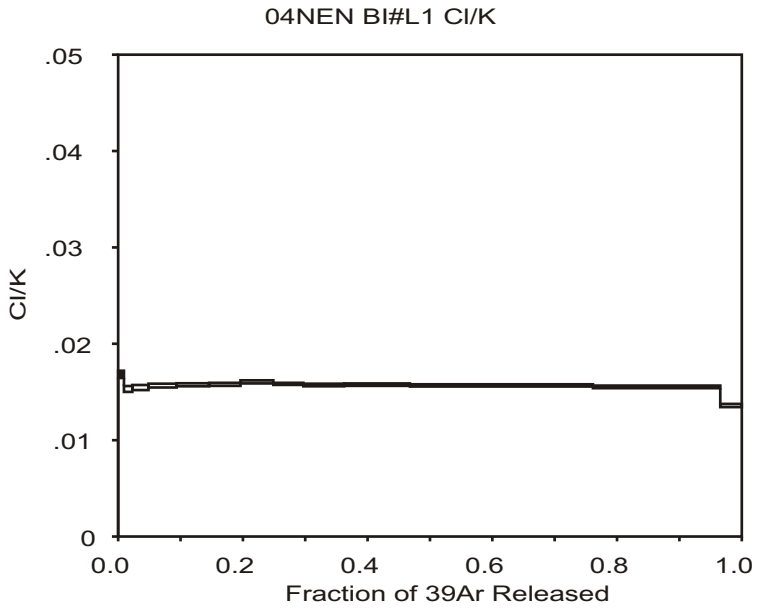

01PAN BI#1L Age Spectrum
Age in Ma
Integrated Age= 36.6 +/- 0.2Ma
Plateau Age= 36.9 +/- 0.2 Ma
Number of fractions= 9
% of 39Ar released= 96%
Plateau MSWD= 1.29
Fraction of 39Ar Released

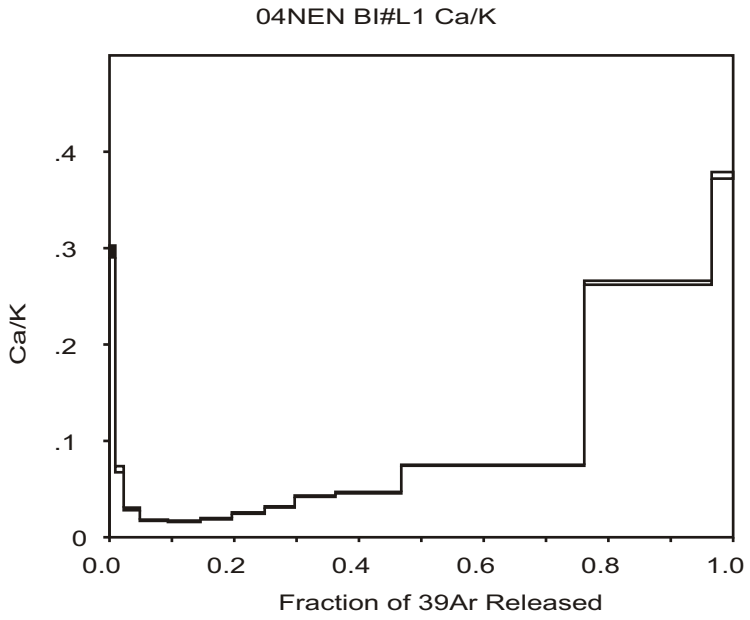

01PAN BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released


01PAN BI#L1 Cl/K
Cl/K
Fraction of 39Ar Released

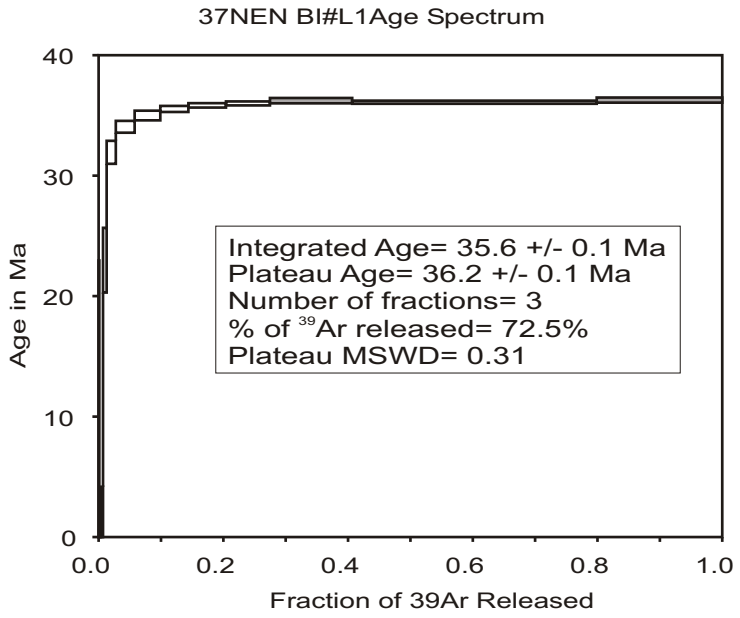
A2
BENOWITZ

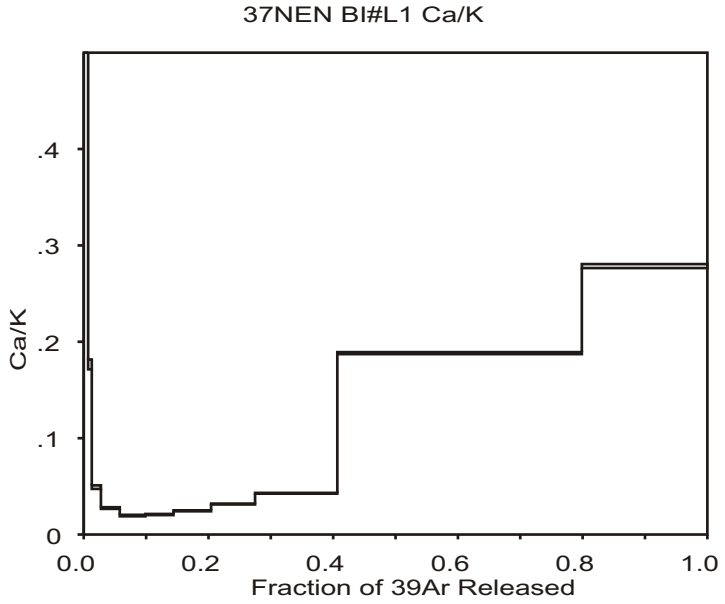

04NEN BI#L Age Spectrum
Age in Ma
Fraction of 39Ar Released
Integrated Age= 37.3 +/- 0.1 Ma
Plateau Age= 38.3 +/- 0.2 Ma
Number of fractions= 5
% of 39Ar released= 56.4%
Plateau MSWD= 2.15

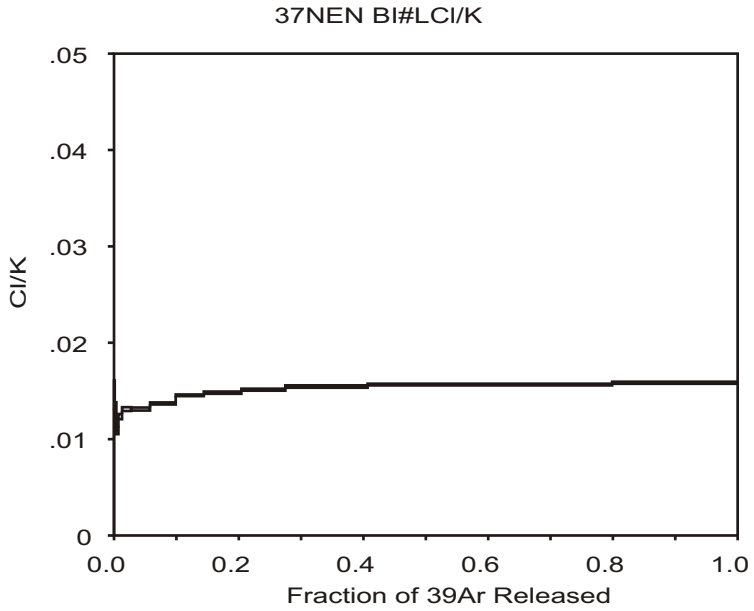

04NEN BI#L1 Cl/K
Cl/K
Fraction of 39Ar Released


04NEN BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released

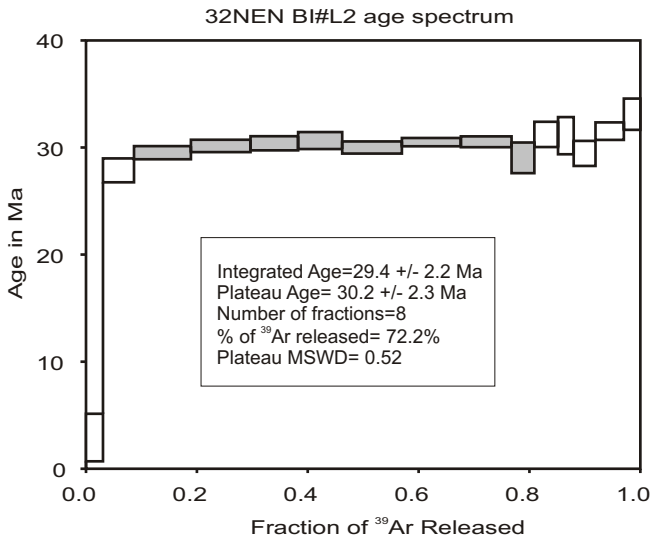
A3
BENOWITZ

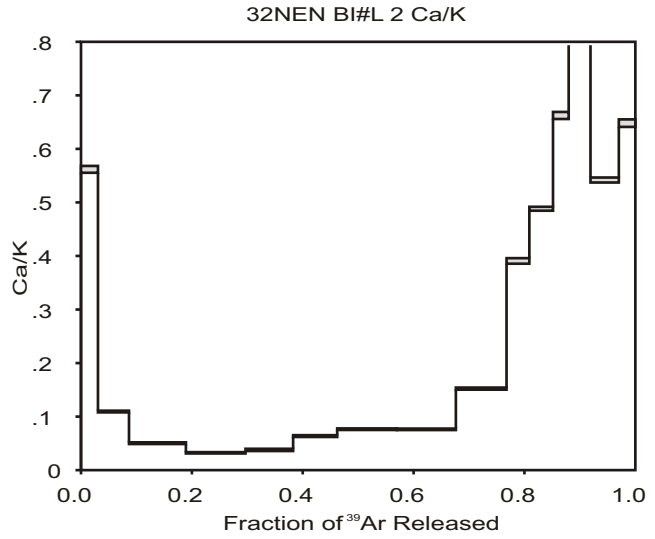

37NEN BI#L1Age Spectrum
Integrated Age= 35.6 +/- 0.1 Ma
Plateau Age= 36.2 +/- 0.1 Ma
Number of fractions= 3
% of 39Ar released= 72.5%
Plateau MSWD= 0.31
Age in Ma
Fraction of 39Ar Released

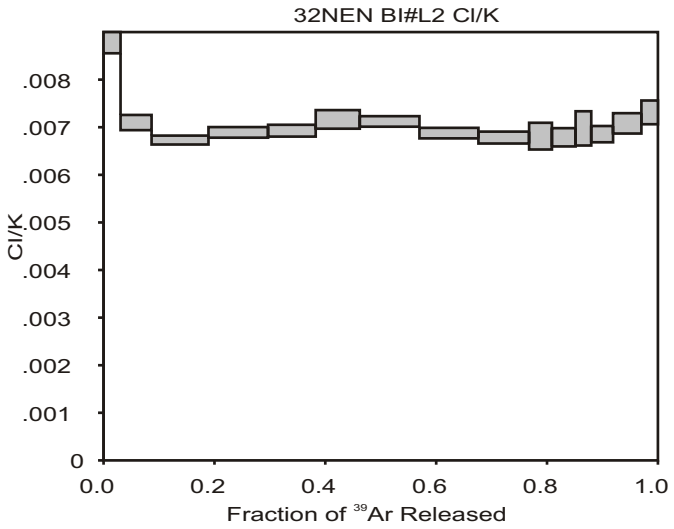

37NEN BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released


37NEN BI#LCl/K
Cl/K
Fraction of 39Ar Released

A4
BENOWITZ

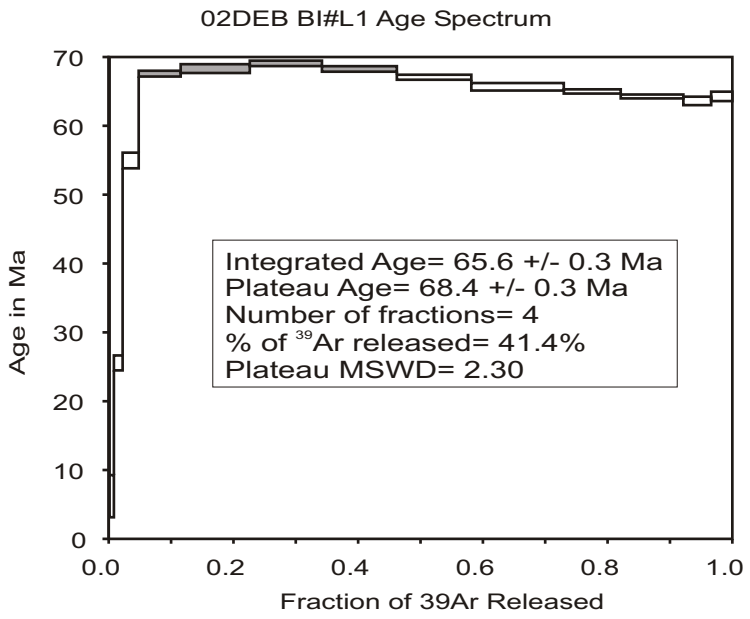

32NEN BI#L2 age spectrum
Age in Ma
Fraction of 39Ar Released
Integrated Age=29.4 +/- 2.2 Ma
Plateau Age= 30.2 +/- 2.3 Ma
Number of fractions=8
% of 39Ar released= 72.2%
Plateau MSWD= 0.52

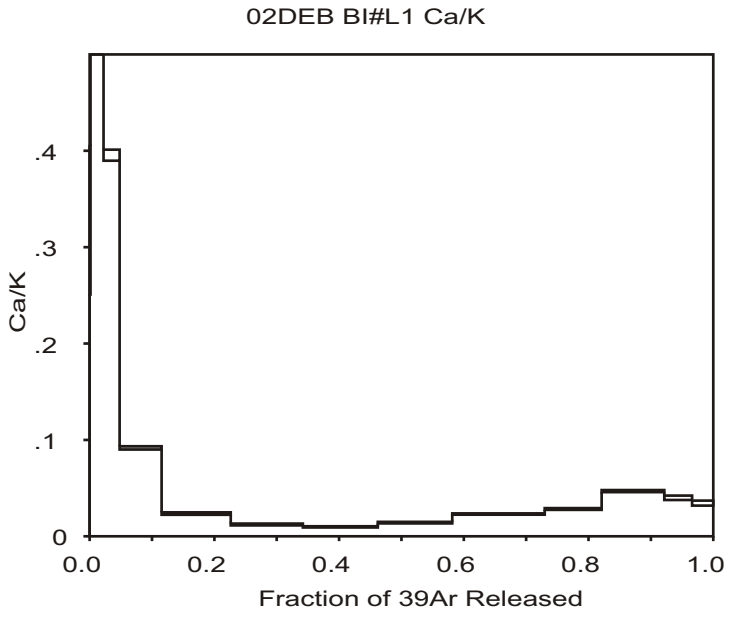

32NEN BI#L 2 Ca/K
Ca/K
Fraction of 39Ar Released

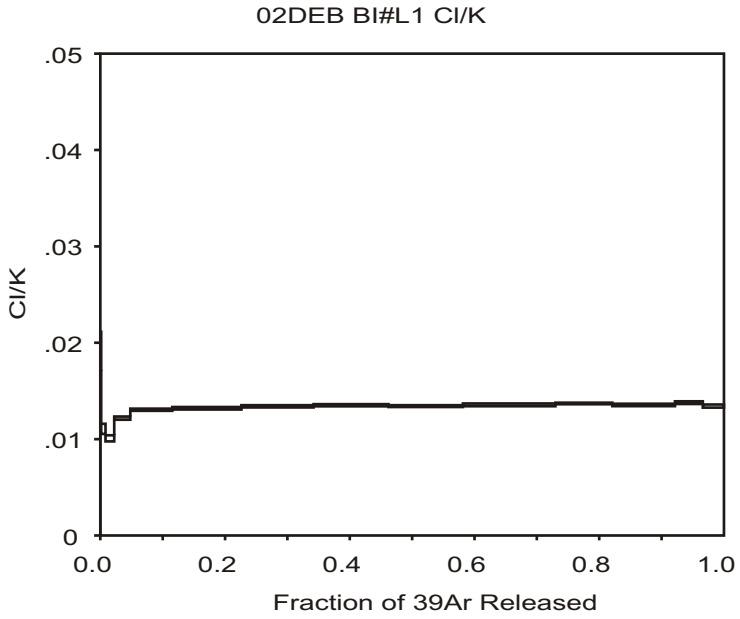

32NEN BI#L2 Cl/K
Cl/K
Fraction of 39Ar Released

A5

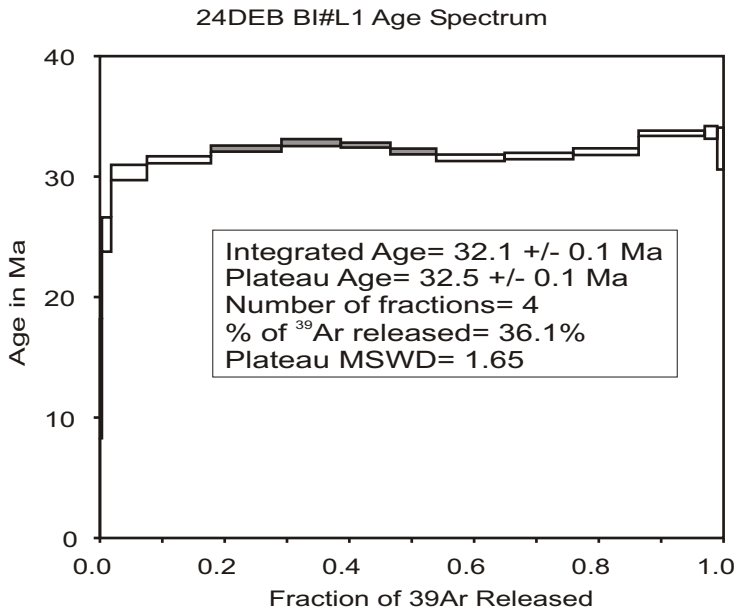
BENOWITZ

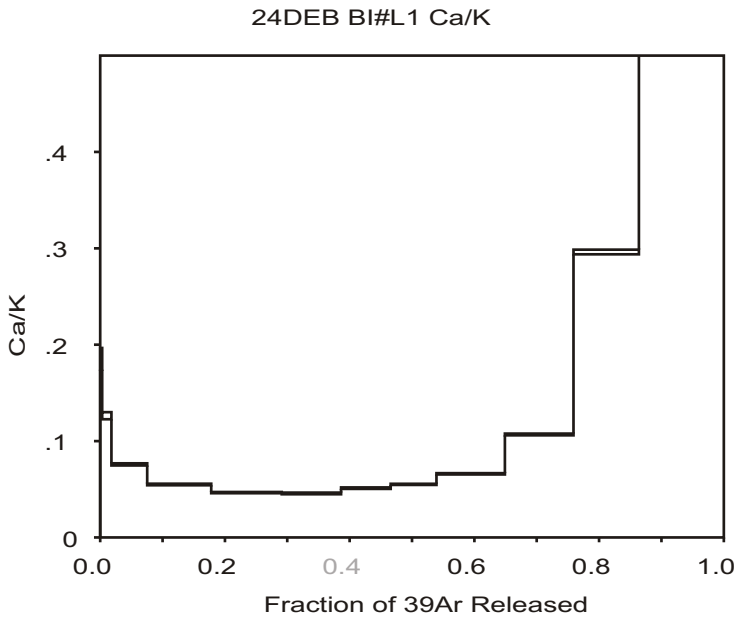

02DEB BI#L1 Age Spectrum
Age in Ma
Fraction of 39Ar Released
Integrated Age= 65.6 +/- 0.3 Ma
Plateau Age= 68.4 +/- 0.3 Ma
Number of fractions= 4
% of 39Ar released= 41.4%
Plateau MSWD= 2.30

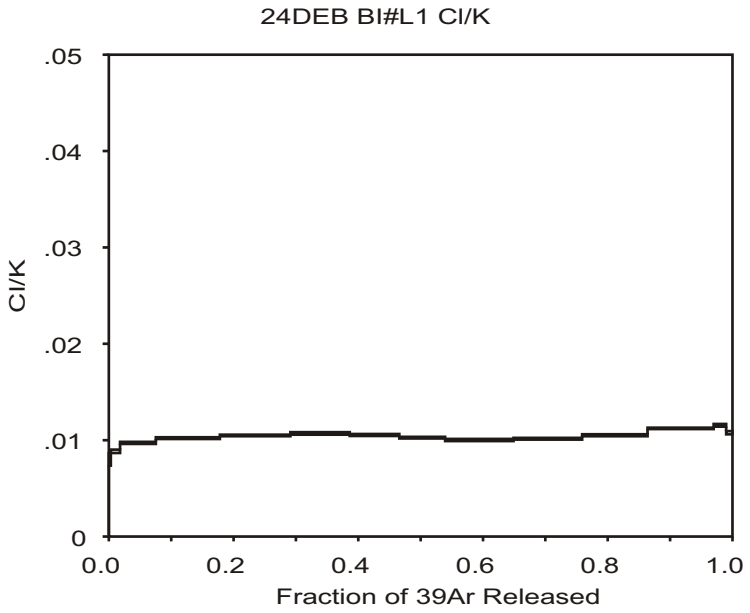

02DEB BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released


02DEB BI#L1 Cl/K
Cl/K
Fraction of 39Ar Released

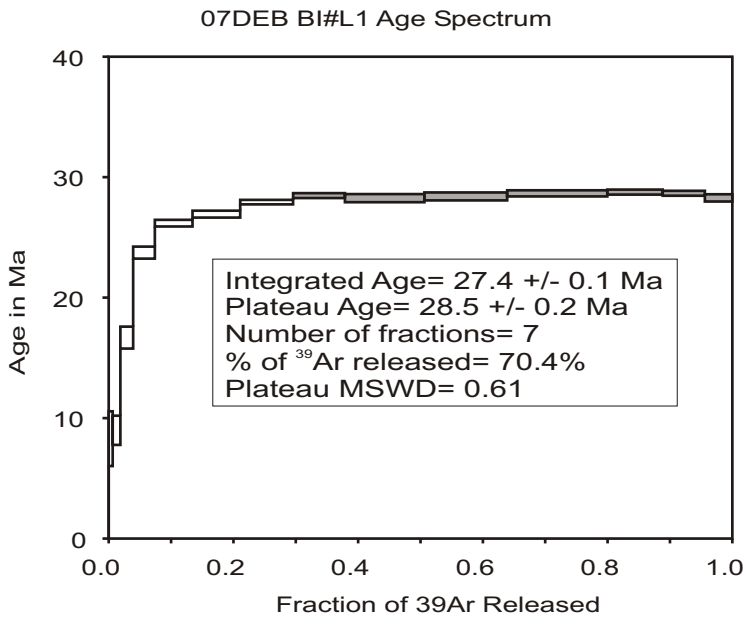
A6
BENOWTIZ

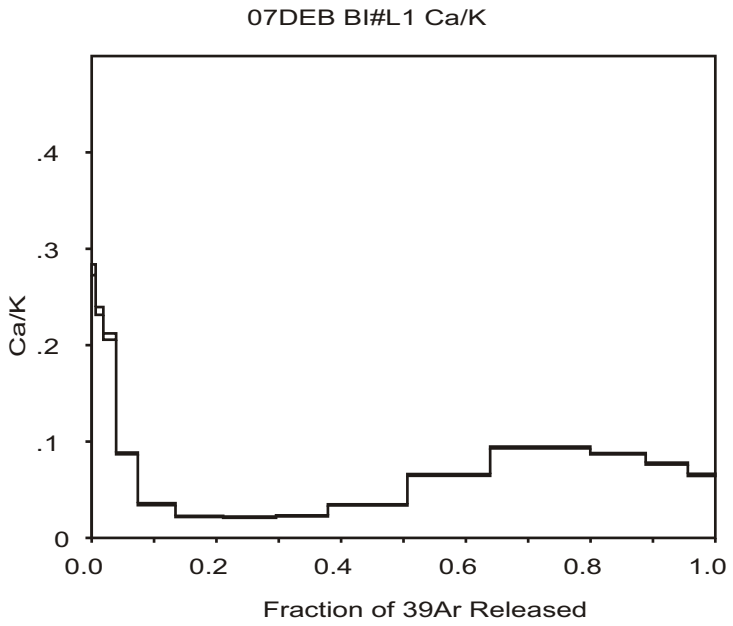

24DEB BI#L1 Age Spectrum
Age in Ma
Fraction of 39Ar Released
Integrated Age= 32.1 +/- 0.1 Ma
Plateau Age= 32.5 +/- 0.1 Ma
Number of fractions= 4
% of 39Ar released= 36.1%
Plateau MSWD= 1.65

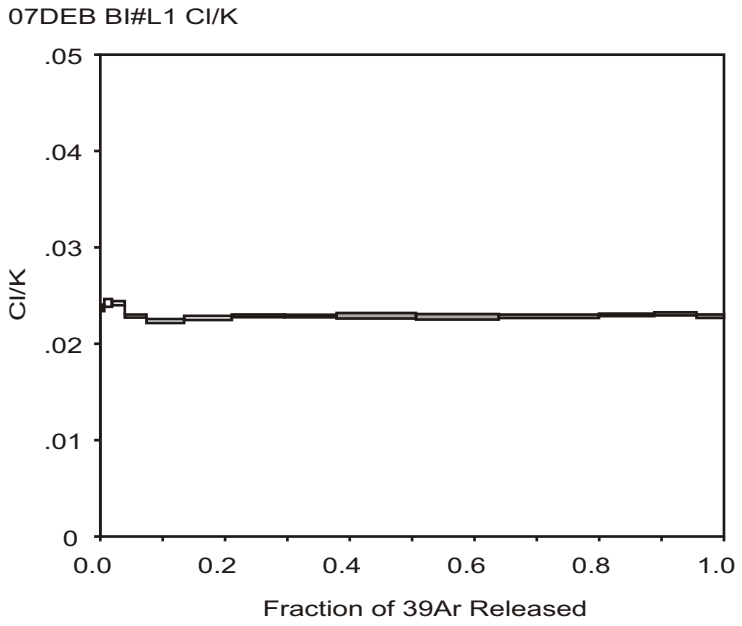

24DEB BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released


24DEB BI#L1 Cl/K
Cl/K
Fraction of 39Ar Released

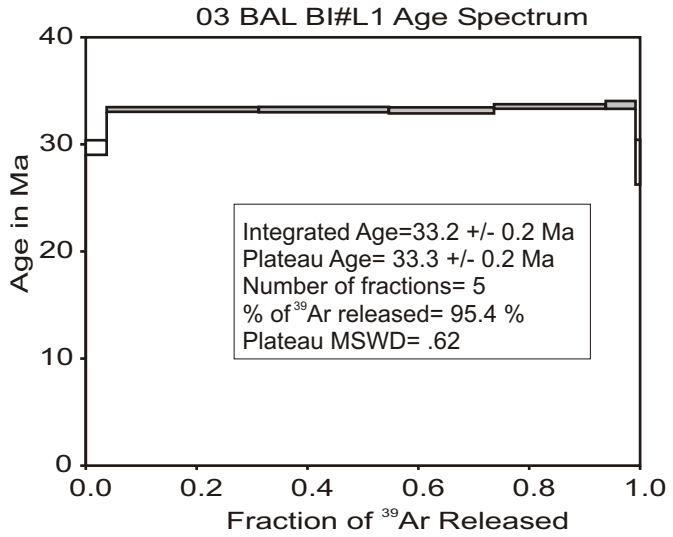
A7
BENOWITZ

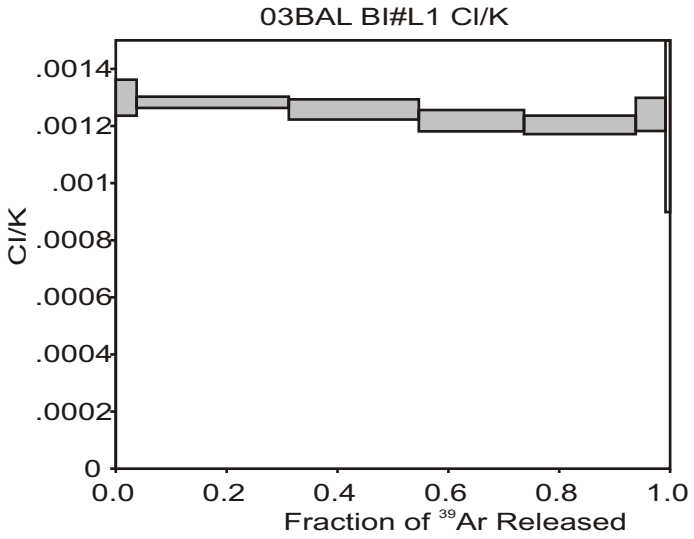

07DEB BI#L1 Age Spectrum
Age in Ma
Fraction of 39Ar Released
Integrated Age= 27.4 +/- 0.1 Ma
Plateau Age= 28.5 +/- 0.2 Ma
Number of fractions= 7
% of 39Ar released= 70.4%
Plateau MSWD= 0.61

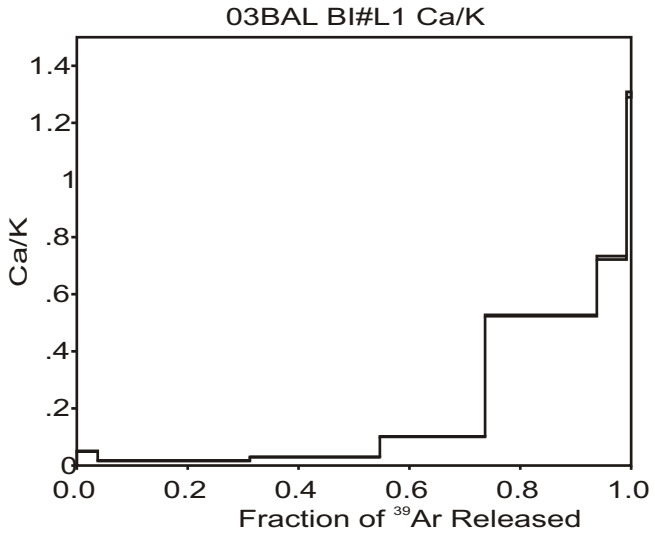

07DEB BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released


07DEB BI#L1 Cl/K
Cl/K
Fraction of 39Ar Released

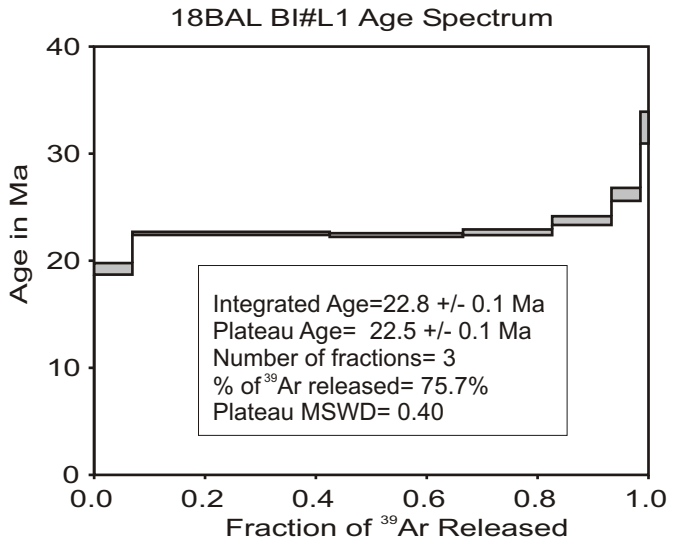
A8
BENOWITZ

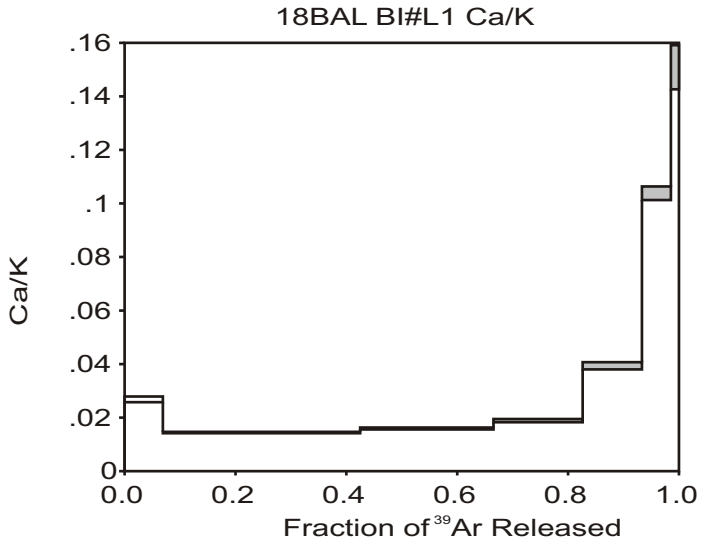

03 BAL BI#L1 Age Spectrum
Age in Ma
Integrated Age=33.2 +/- 0.2 Ma
Plateau Age= 33.3 +/- 0.2 Ma
Number of fractions= 5
% of 39Ar released= 95.4 %
Plateau MSWD= .62
Fraction of 39Ar Released

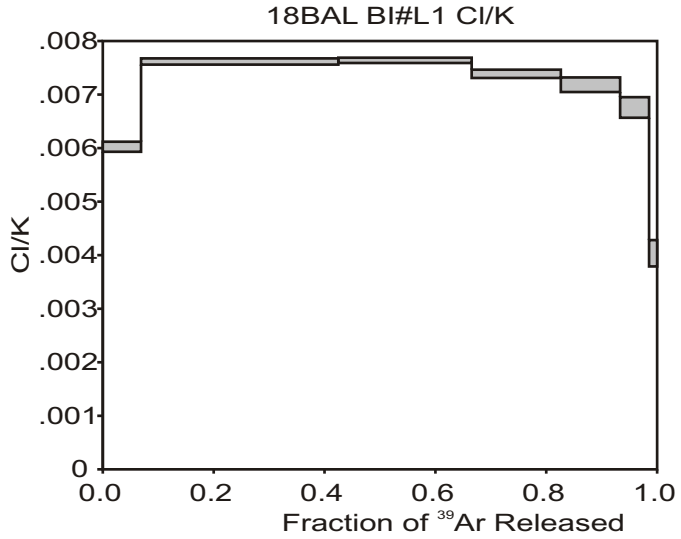

03BAL BI#L1 Cl/K
Cl/K
Fraction of 39Ar Released


03BAL BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released

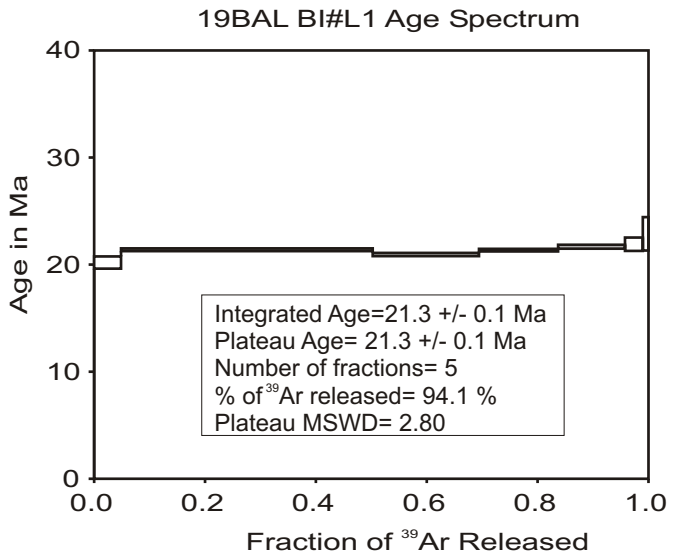
A9
BENOWTZ

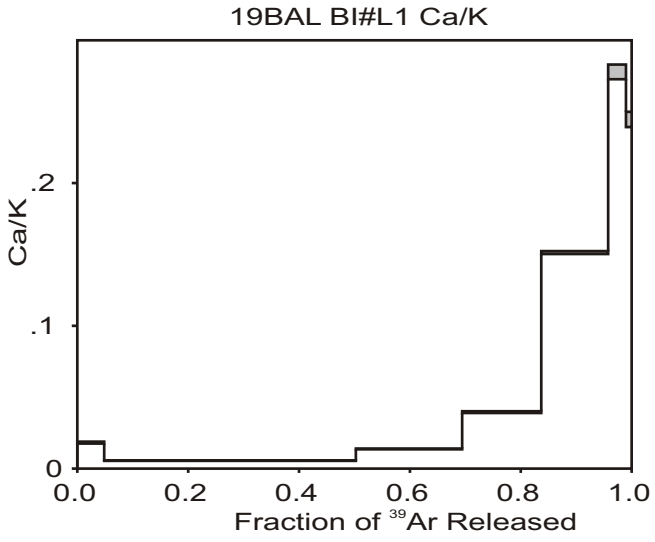

18BAL BI#L1 Age Spectrum
Age in Ma
Integrated Age=22.8 +/- 0.1 Ma
Plateau Age= 22.5 +/- 0.1 Ma
Number of fractions= 3
% of 39Ar released= 75.7%
Plateau MSWD= 0.40
Fraction of 39Ar Released

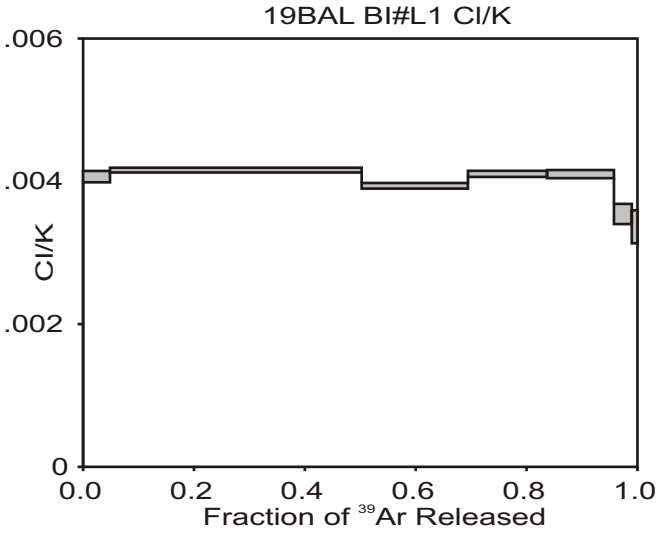

18BAL BI#L1 Ca/K
Ca/K
Fraction of 39Ar Released


18BAL BI#L1 Cl/K
Cl/K
Fraction of 39Ar Released

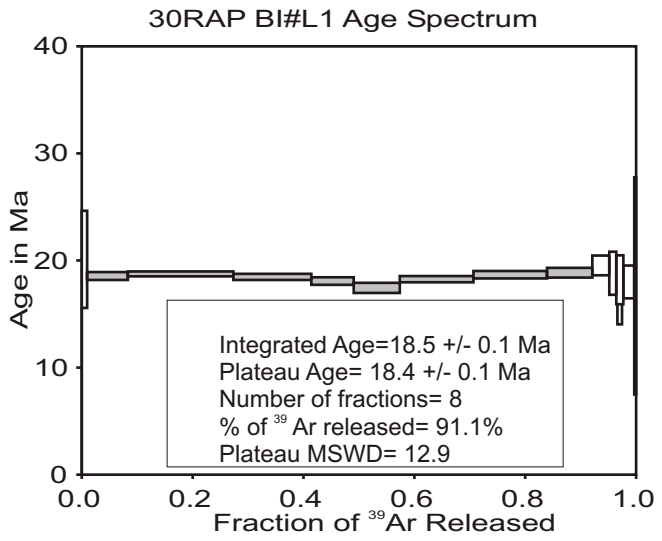
A10
BENOWTIZ

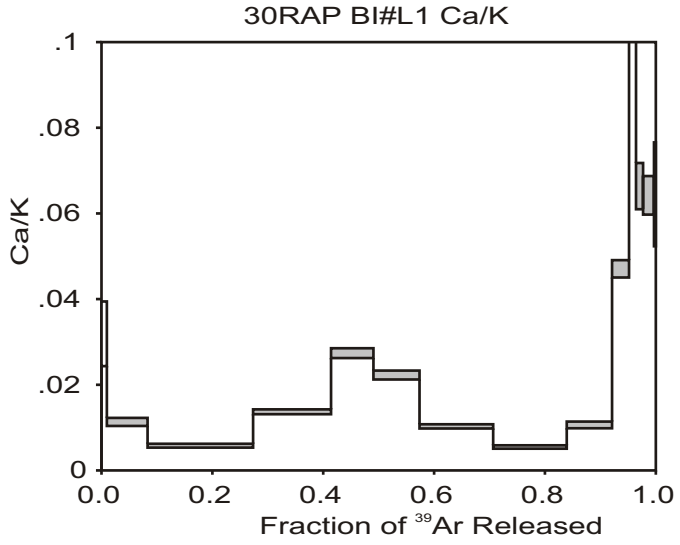


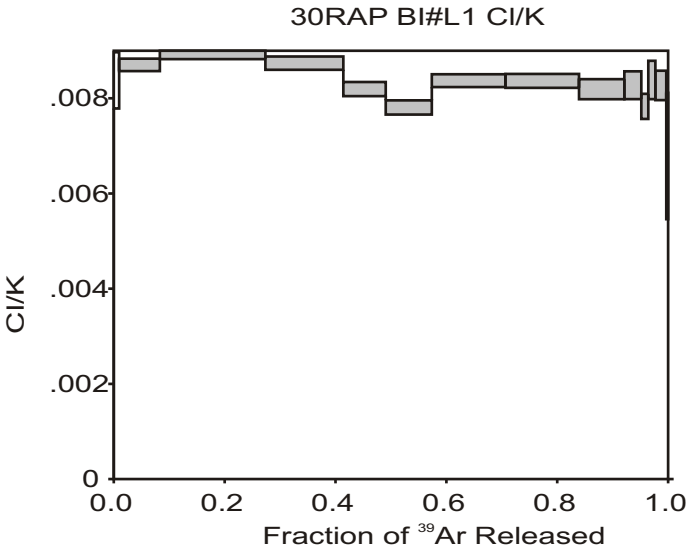




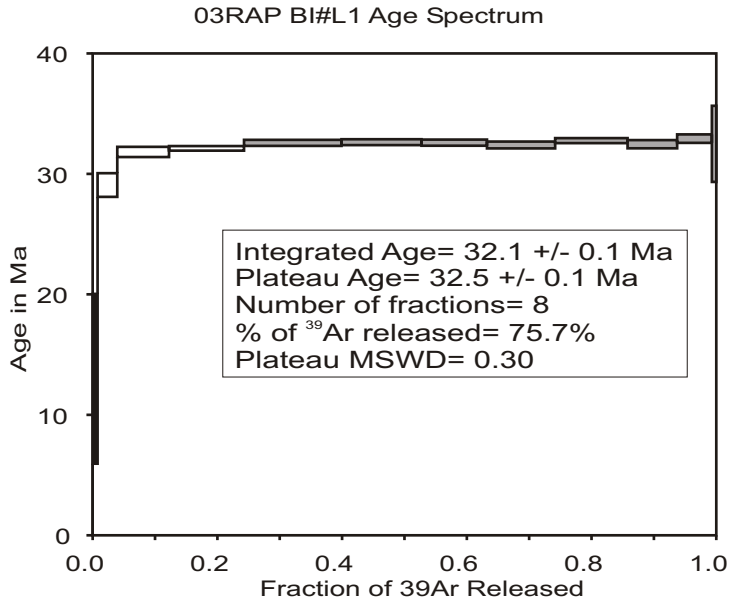
A11
BENOWITZ

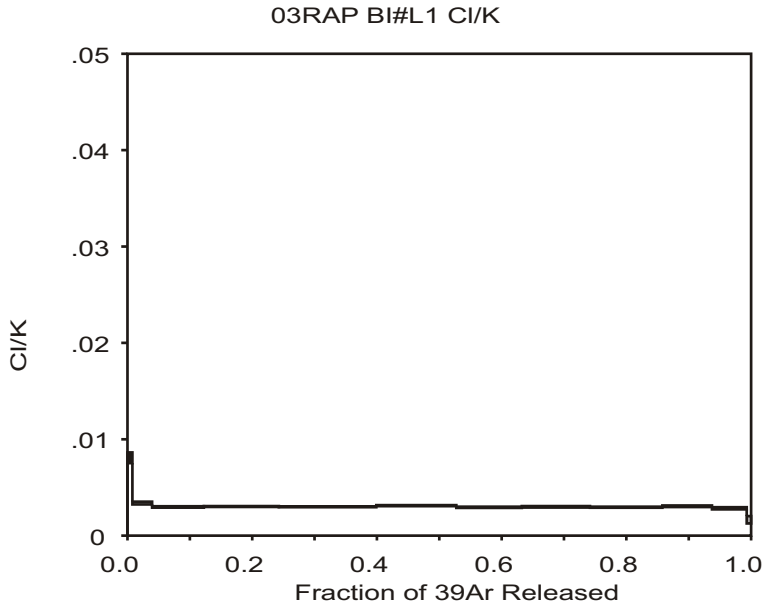


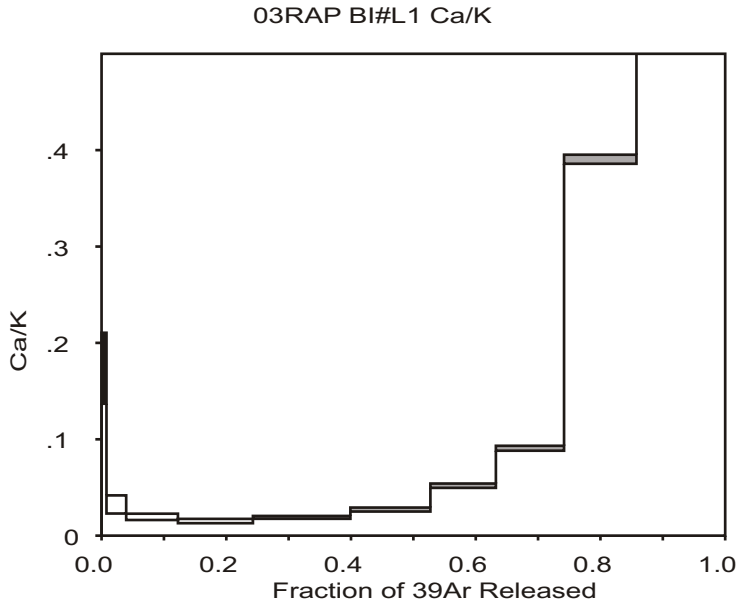




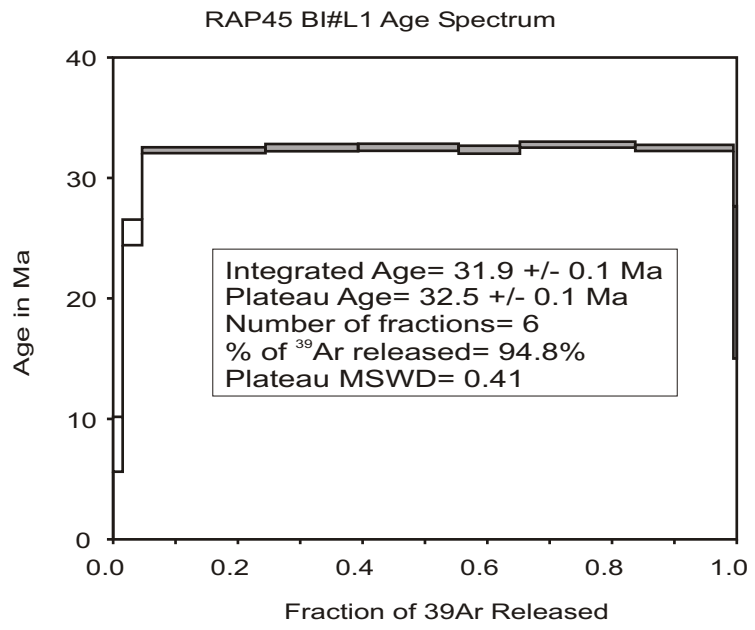
A12
BENOWITZ

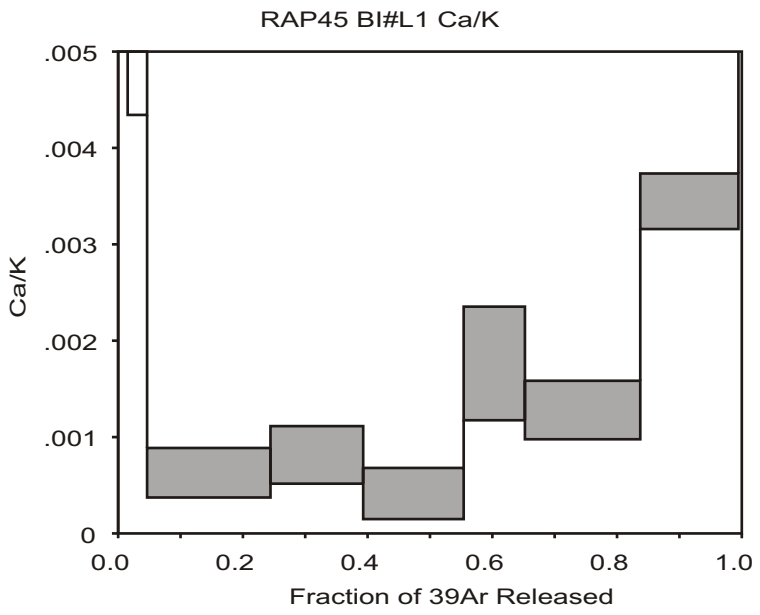


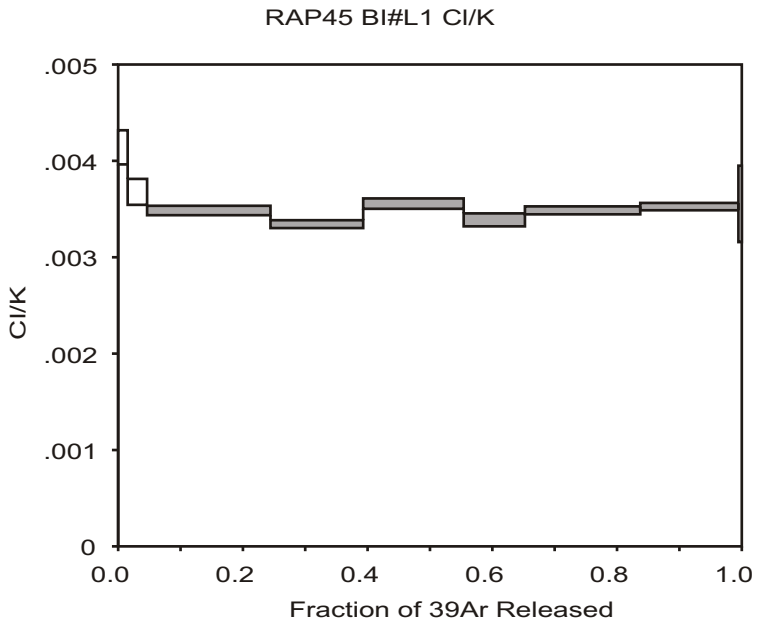




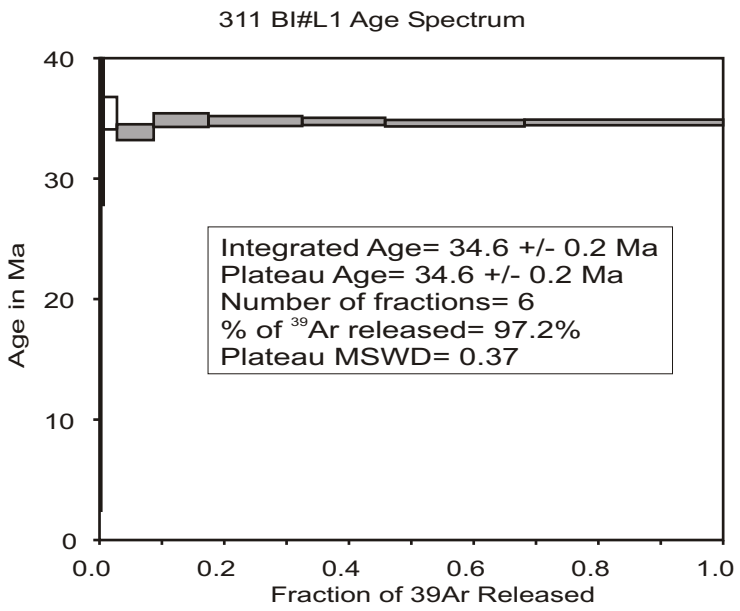
A13
BENOWITZ

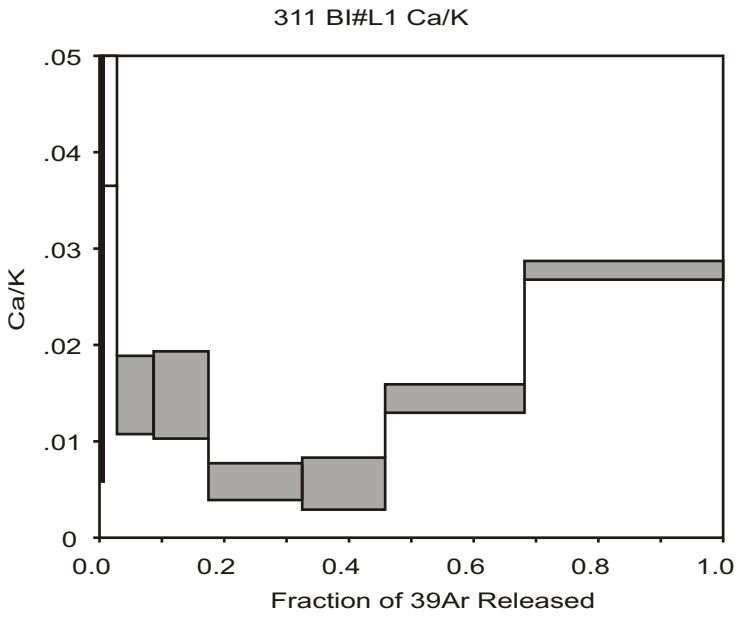


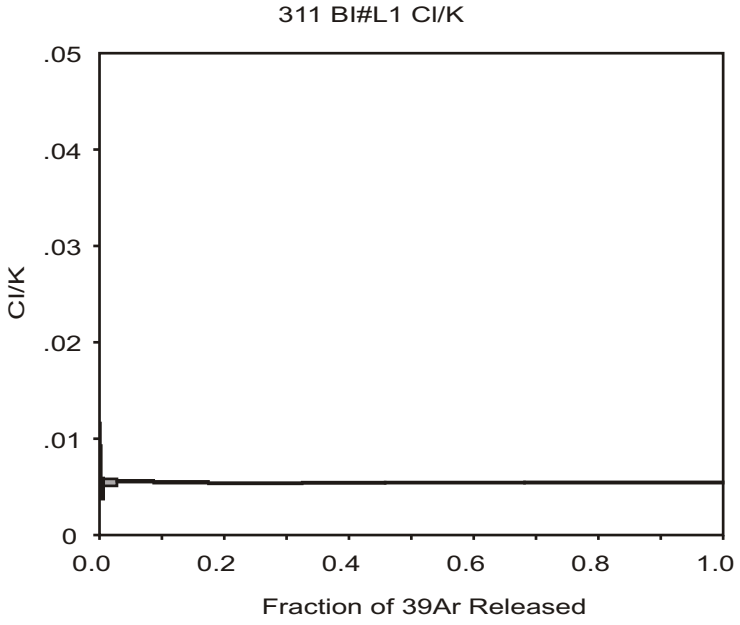




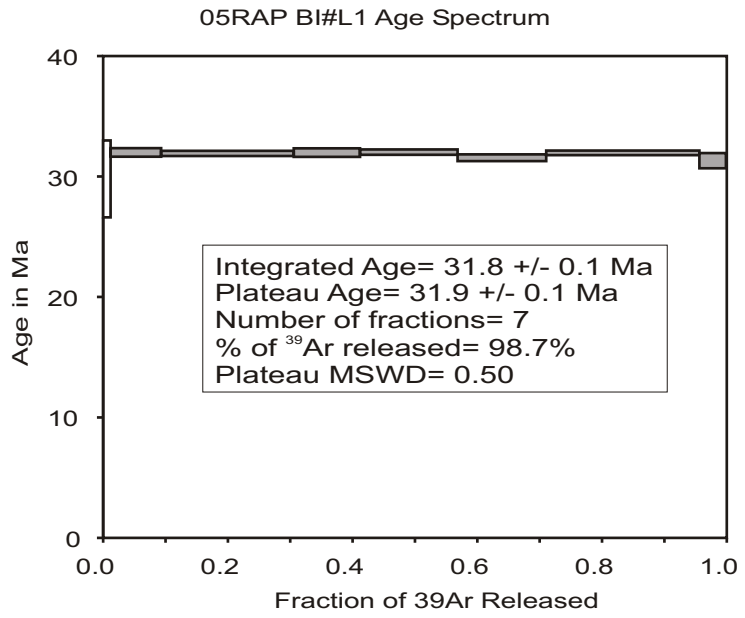
A14
BENOWITZ

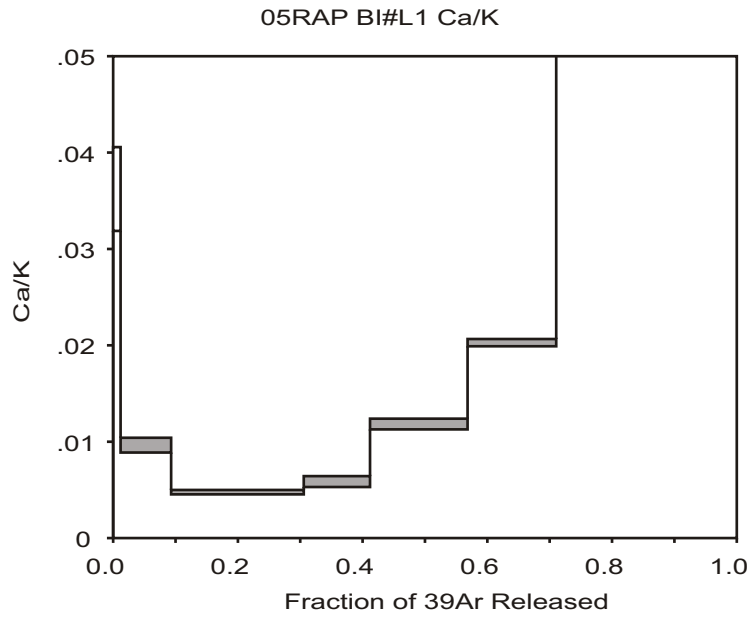


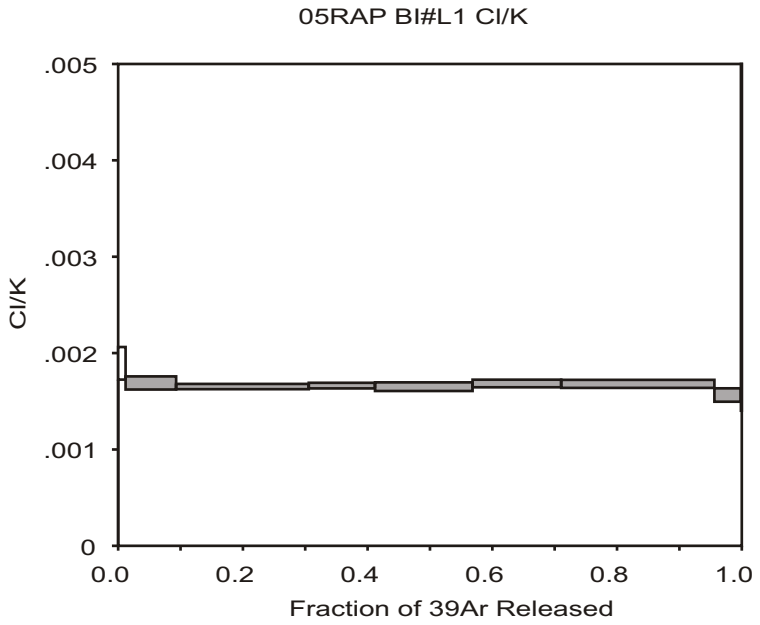




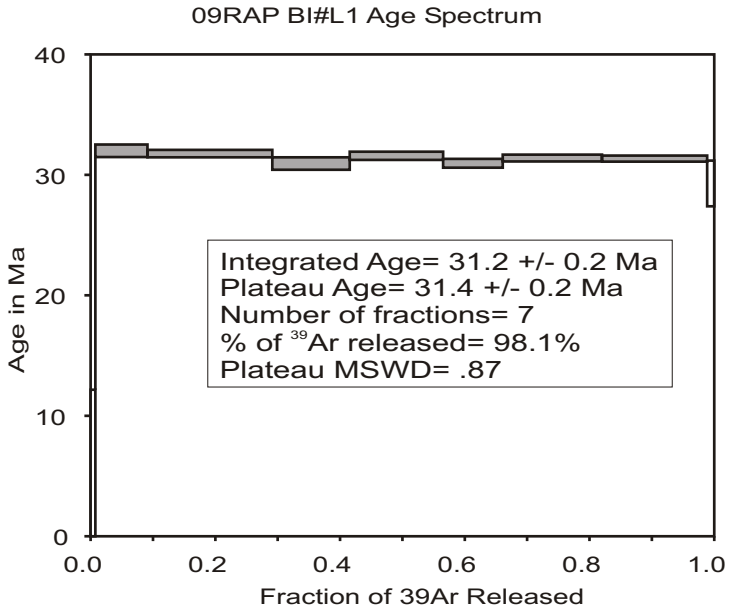
A15
BENOWTIZ

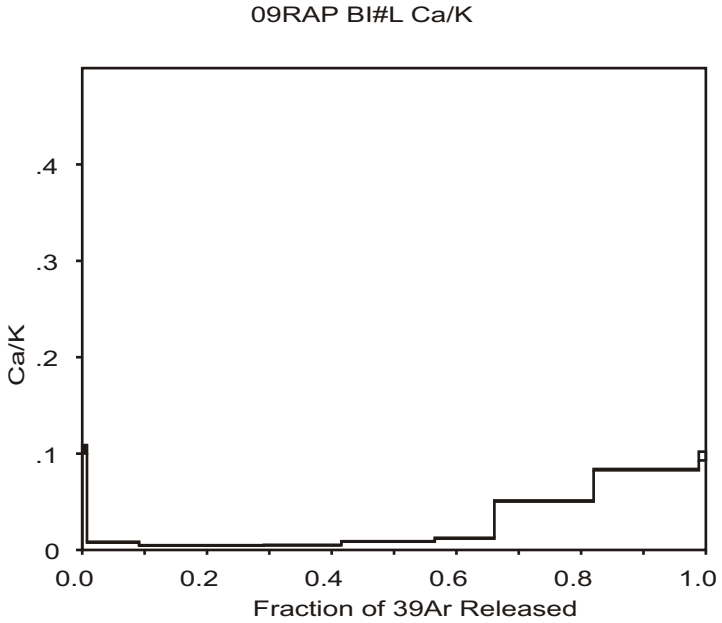


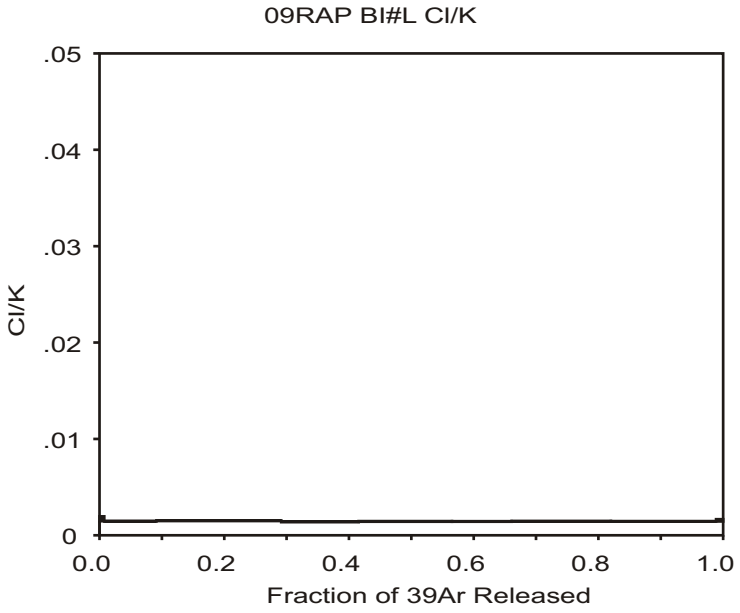




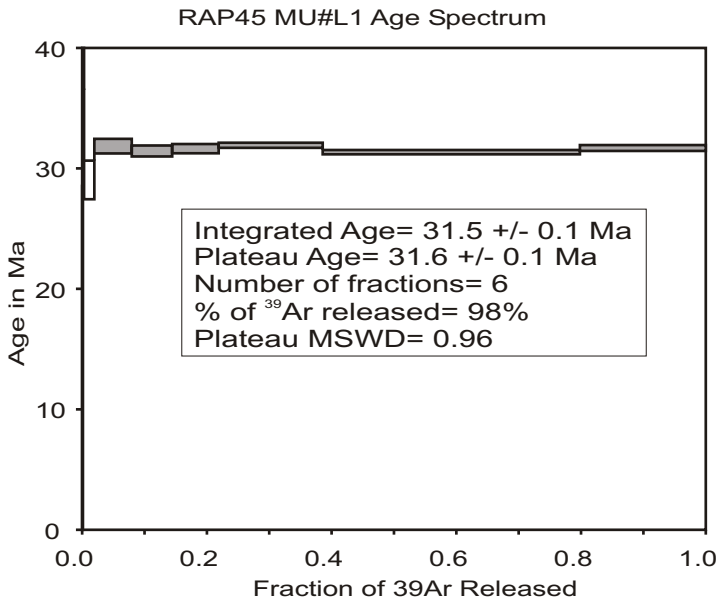
A16
BENOWITZ

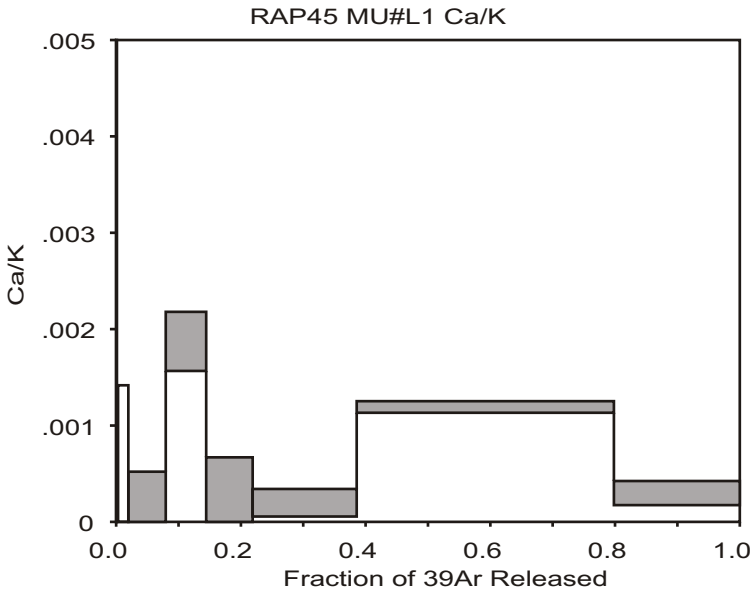


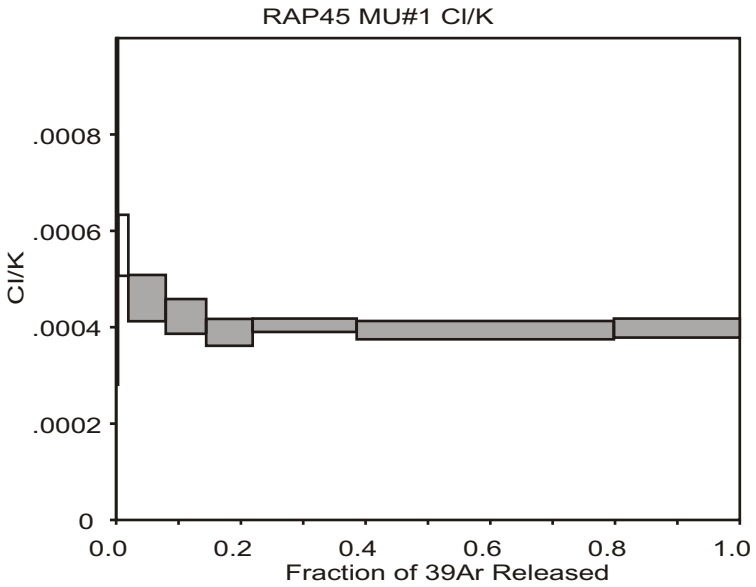




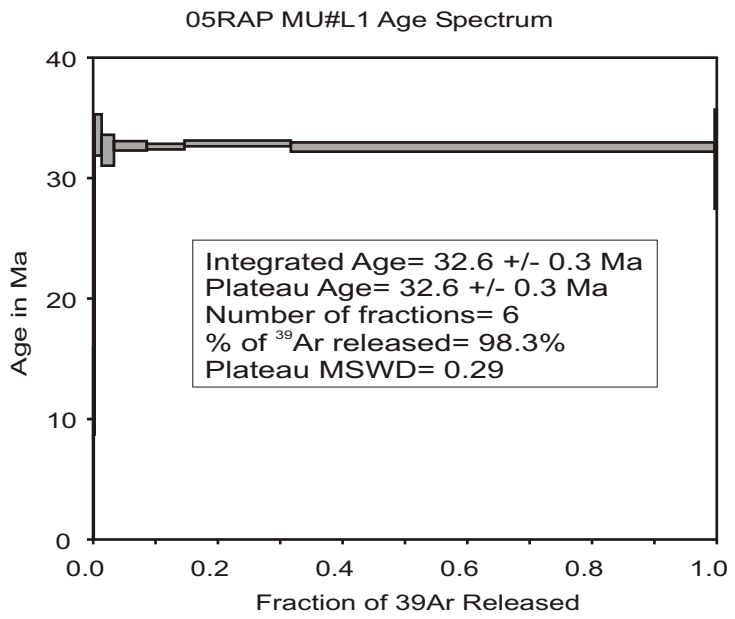
A17
BENOWITZ

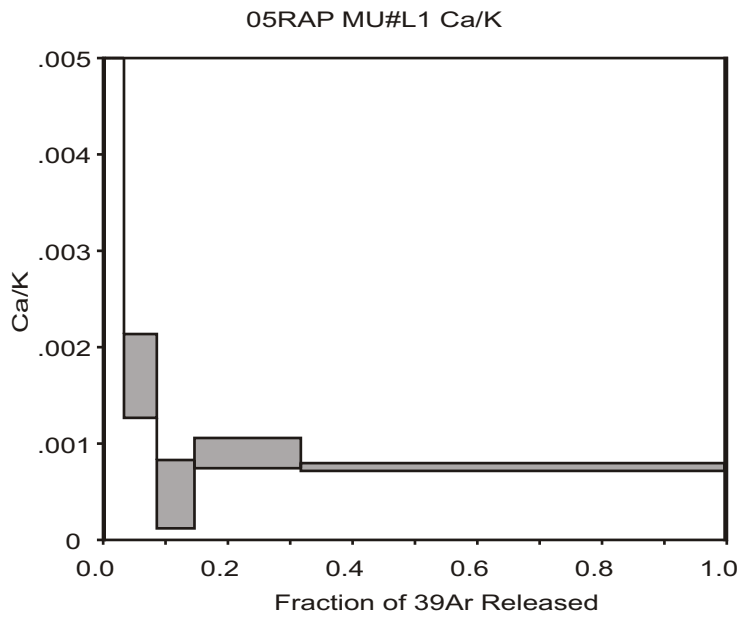


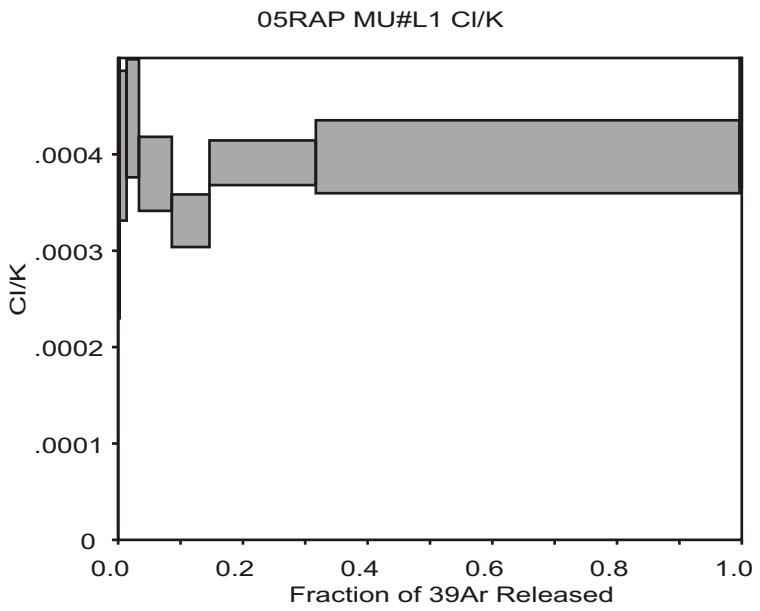




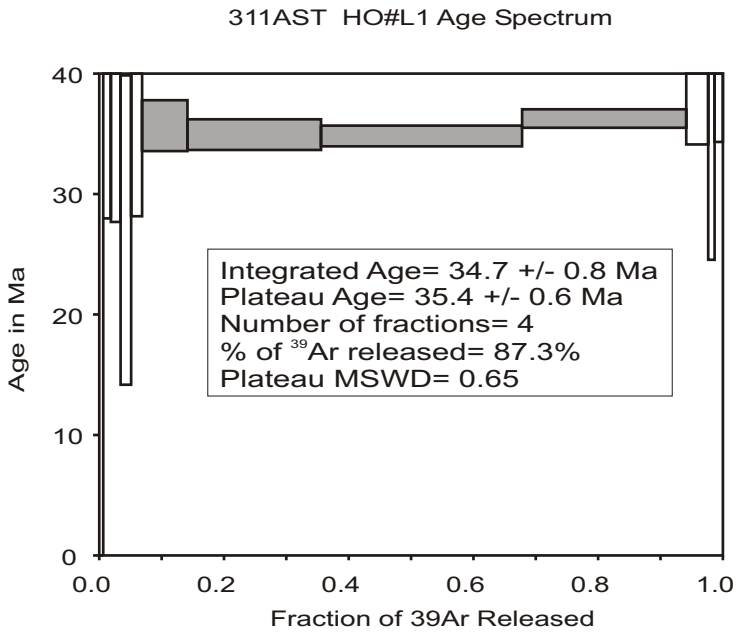
A18
BENOWITZ

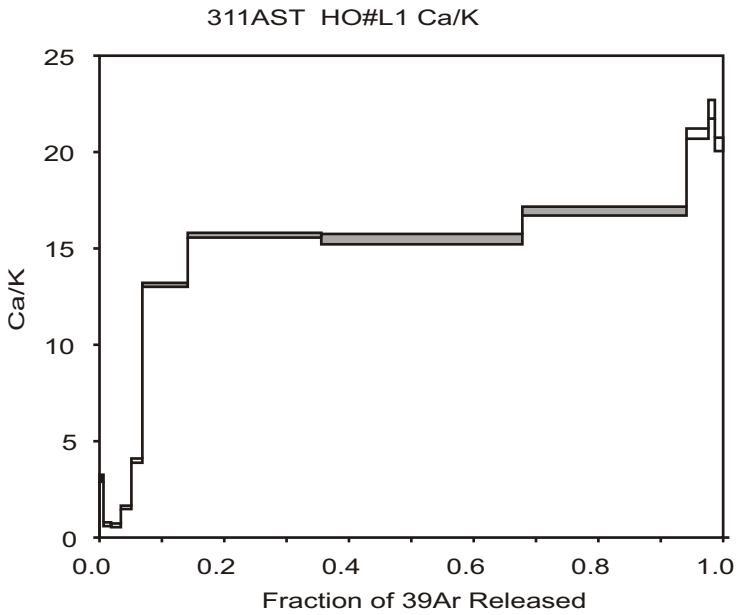


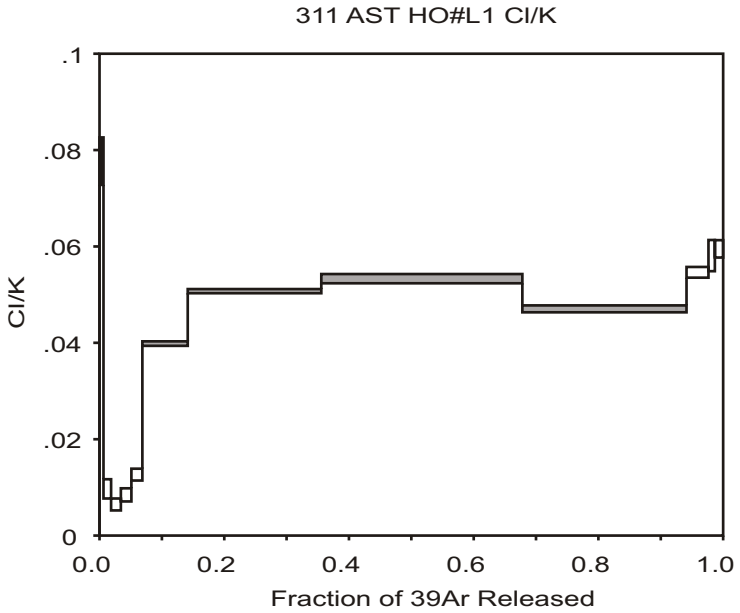


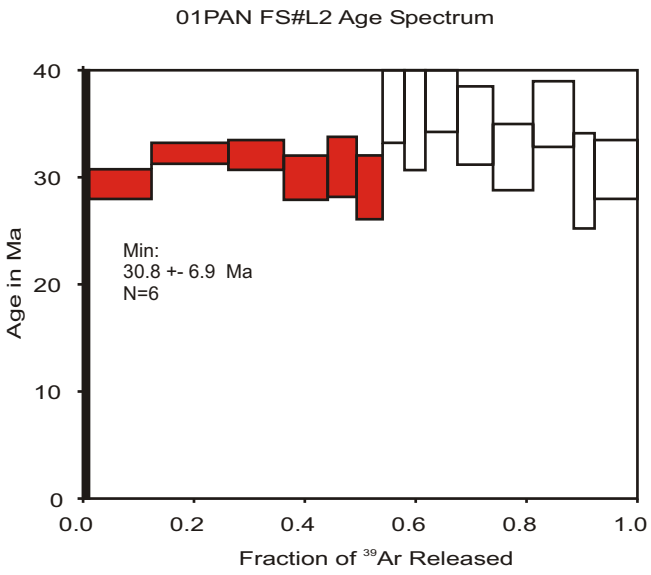


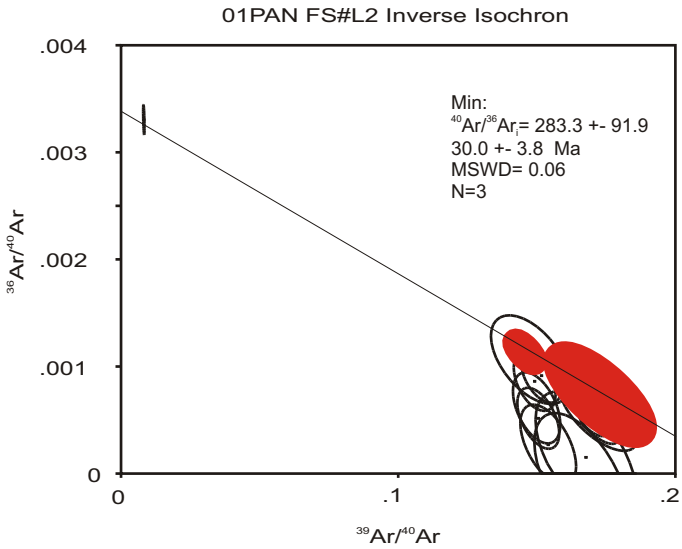
A19
BENOWITZ



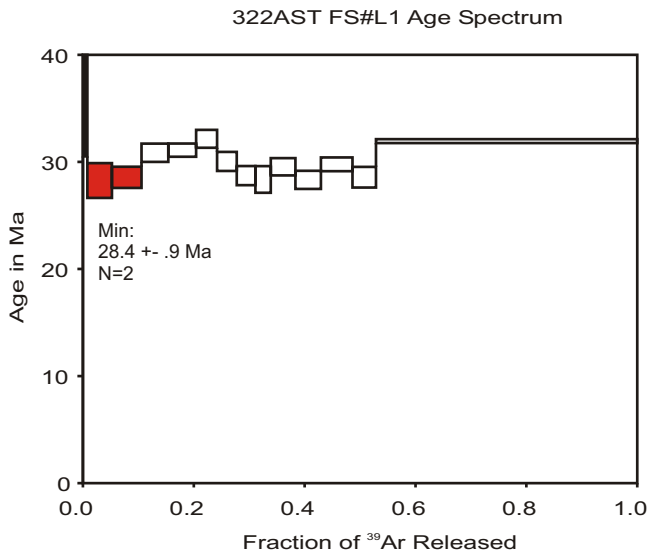


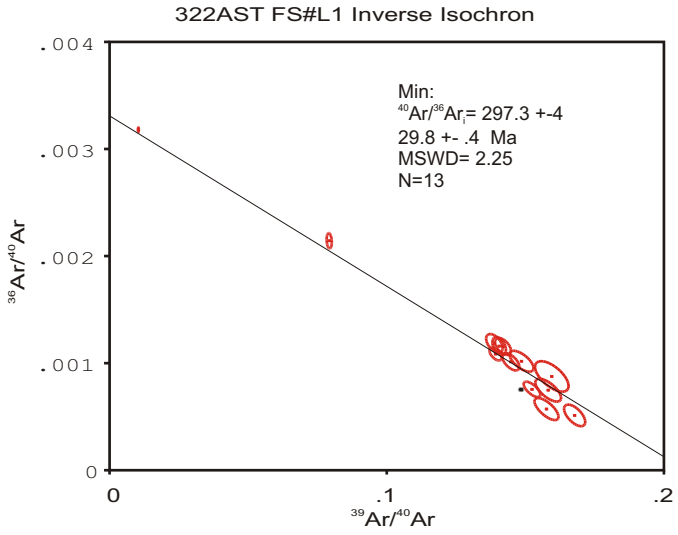




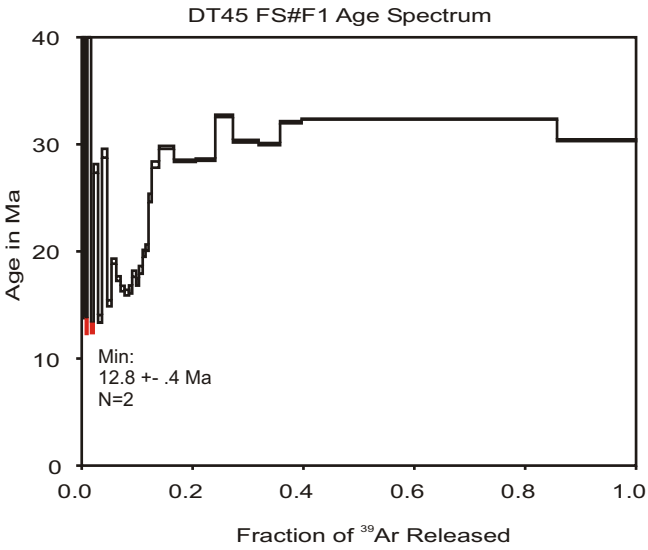


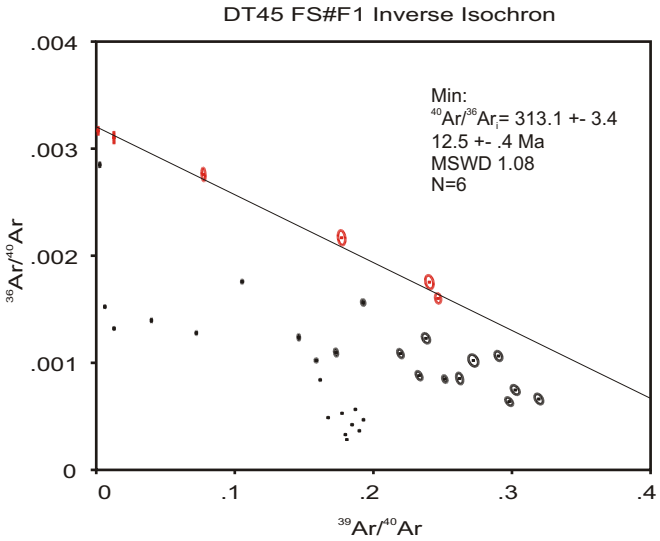
A20
BENOWITZ



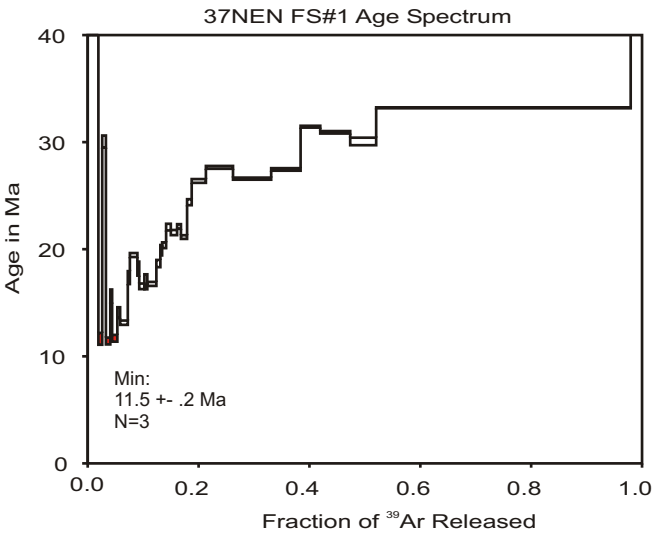


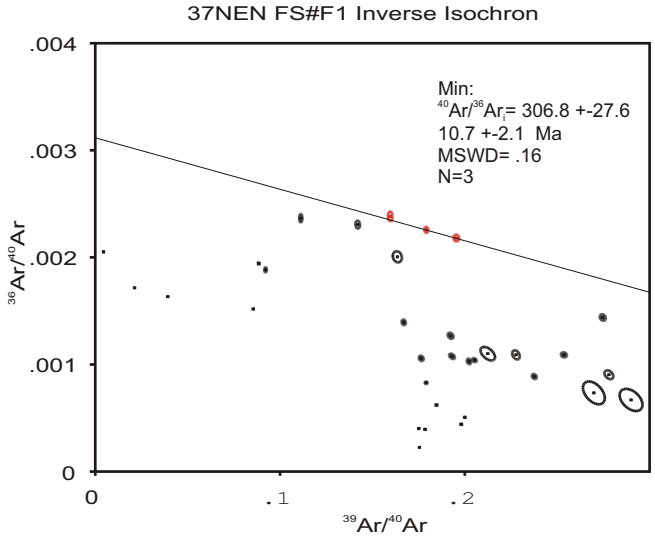
A21
BENOWITZ



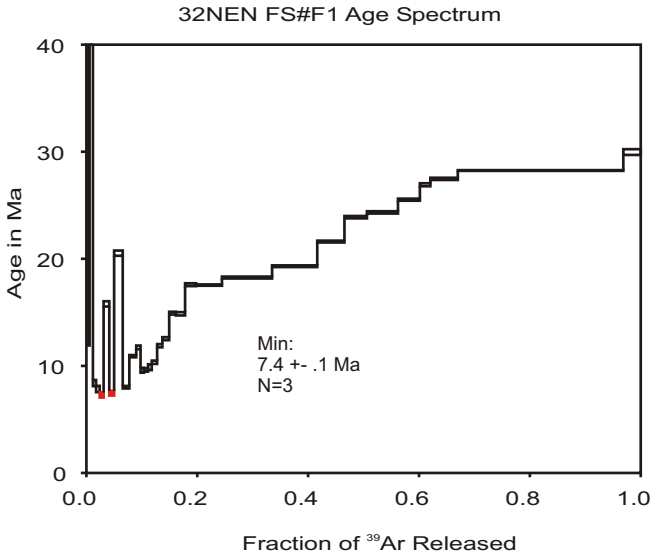


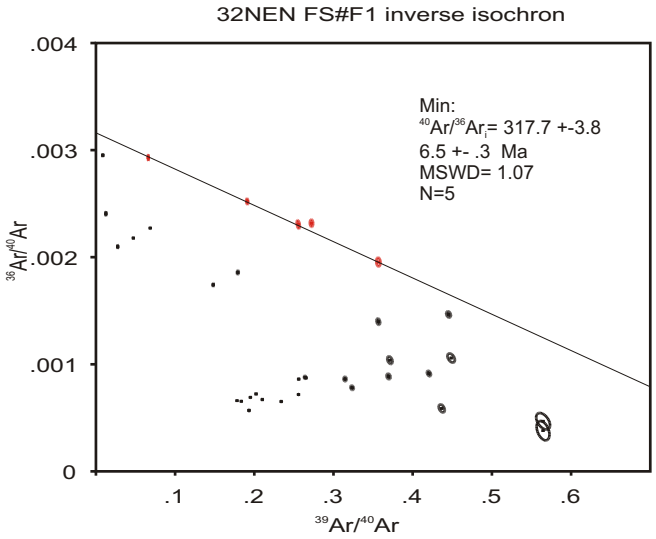
A22
BENOWITZ



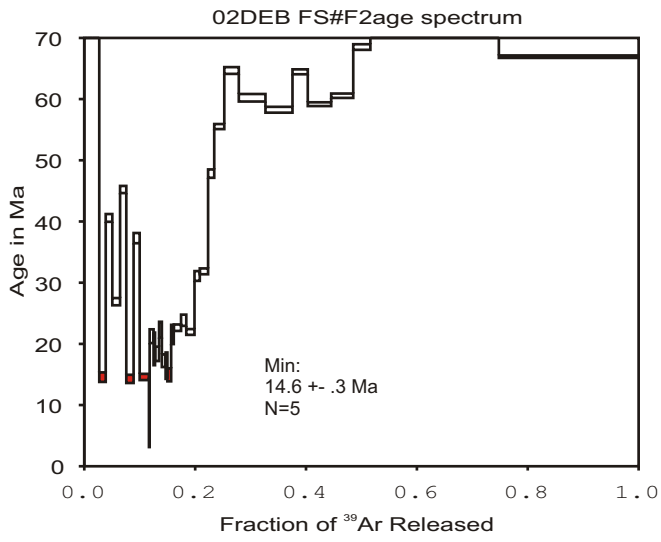


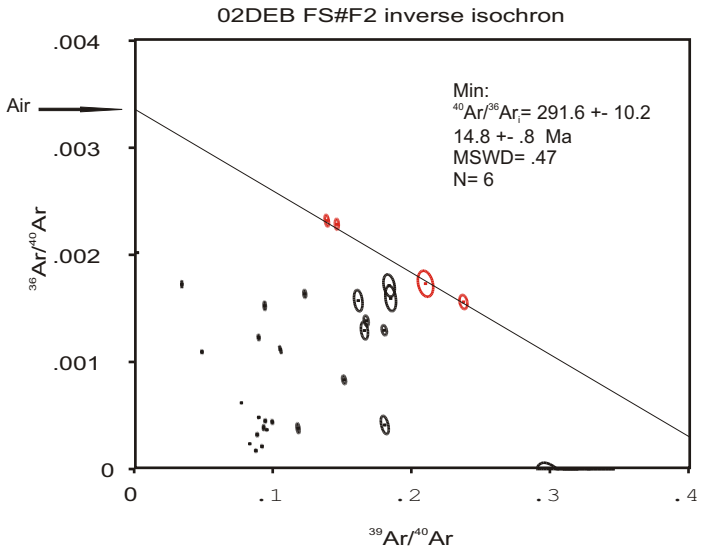
A23
BENOWITZ



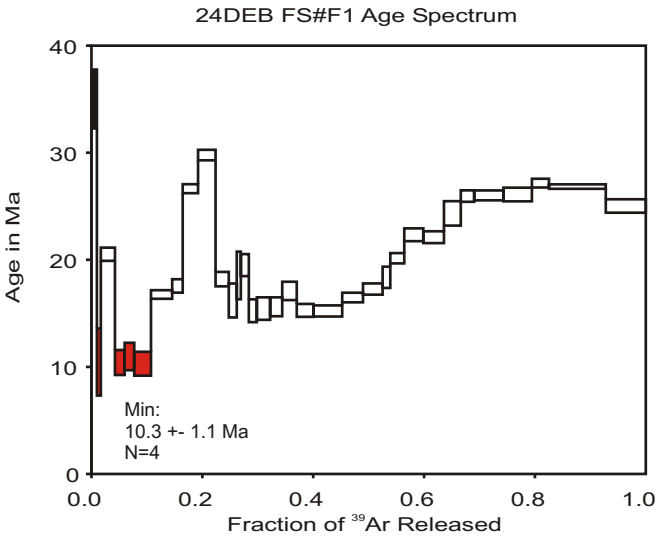


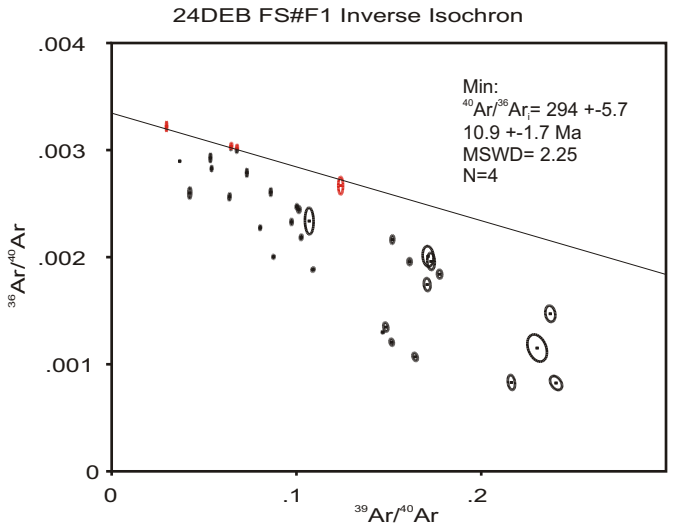
A24
BENOWITZ



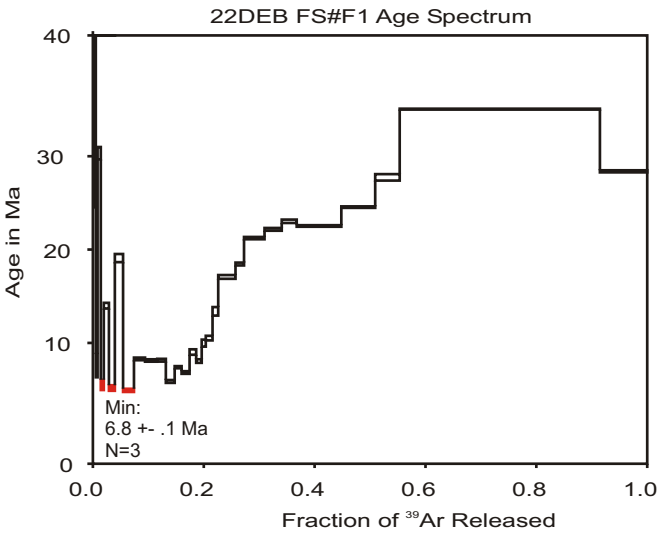


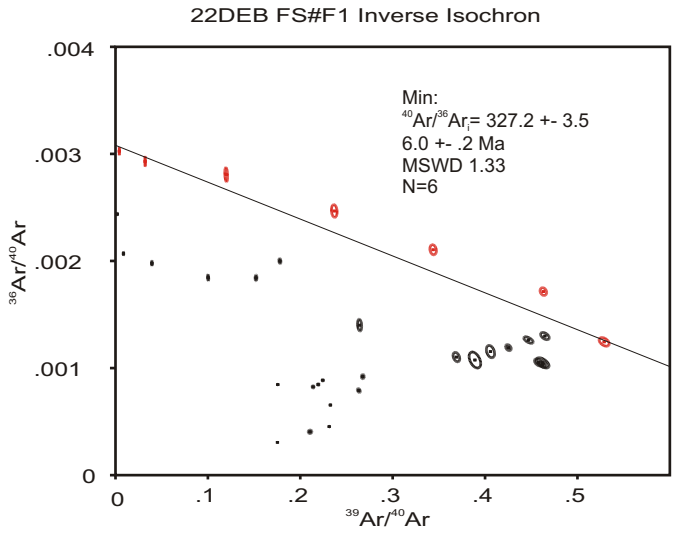
A25
BENOWITZ



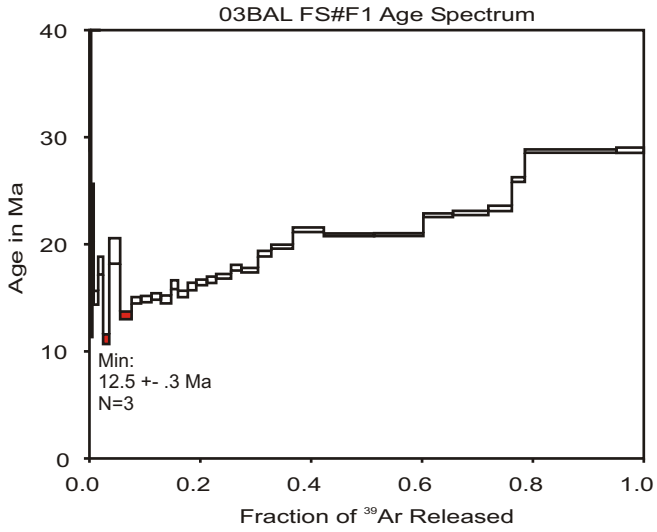


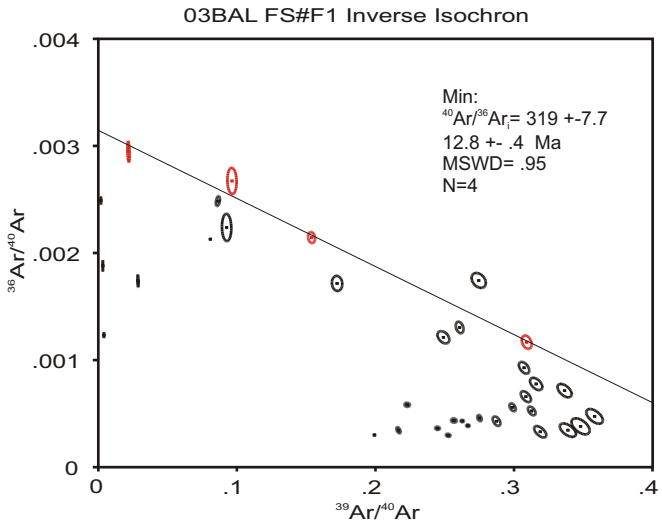
A26
BENOWITZ



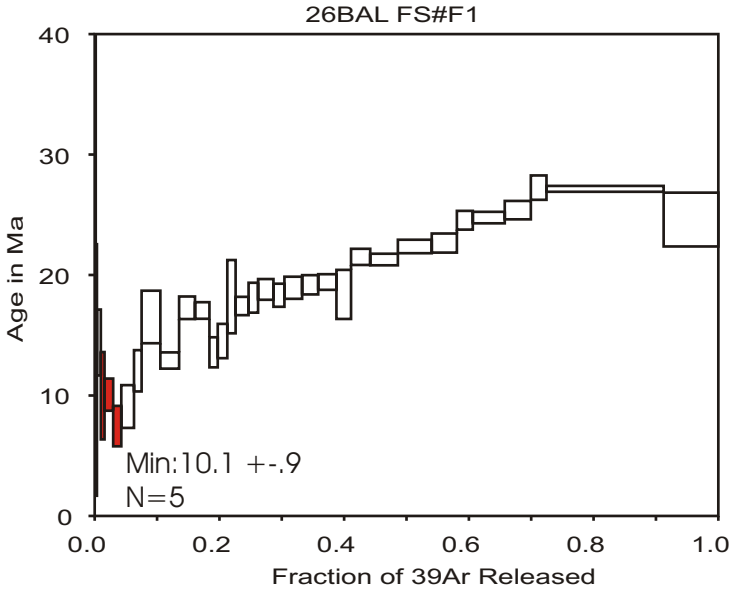


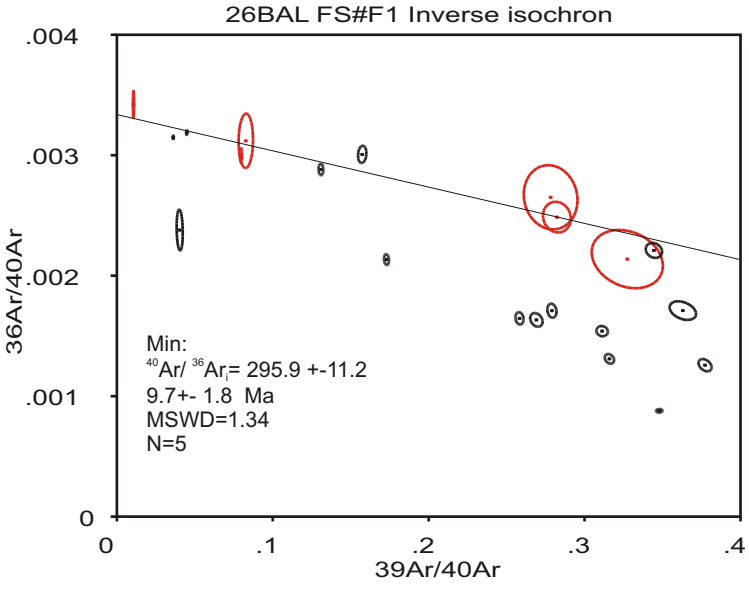
A27
BENOWITZ



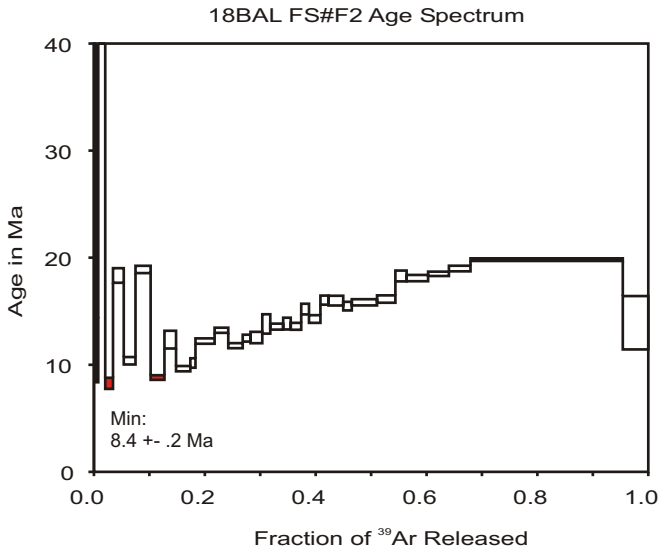


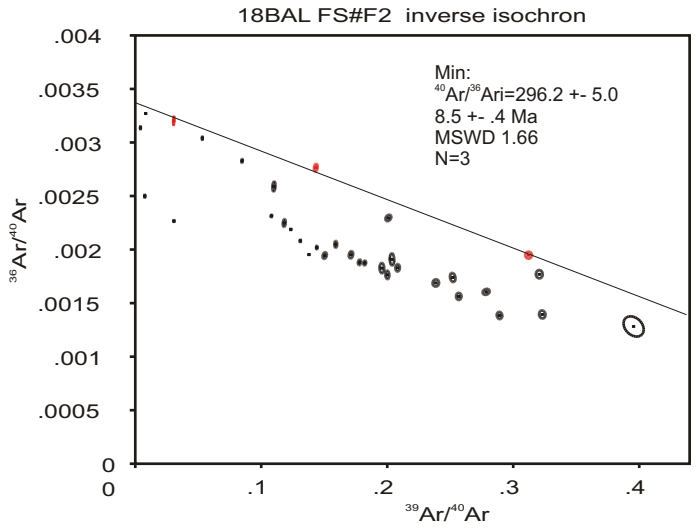
A28
BENOWITZ


26BAL FS#F1
Age in Ma
Fraction of 39Ar Released
Min:10.1 +-.9
N=5
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0

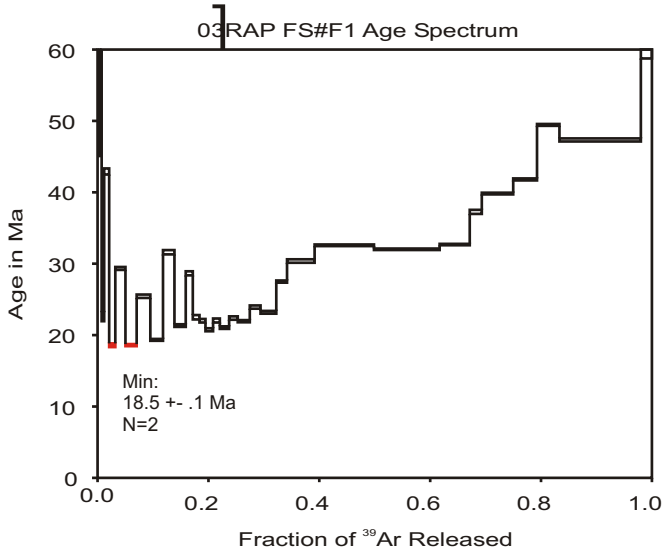

26BAL FS#F1 Inverse isochron
36Ar/40Ar
39Ar/40Ar
Min:
40Ar/ 36Ari= 295.9 +-11.2
9.7+- 1.8 Ma
MSWD=1.34
N=5
0
.001
.002
.003
.004
0
.1
.2
.3
.4

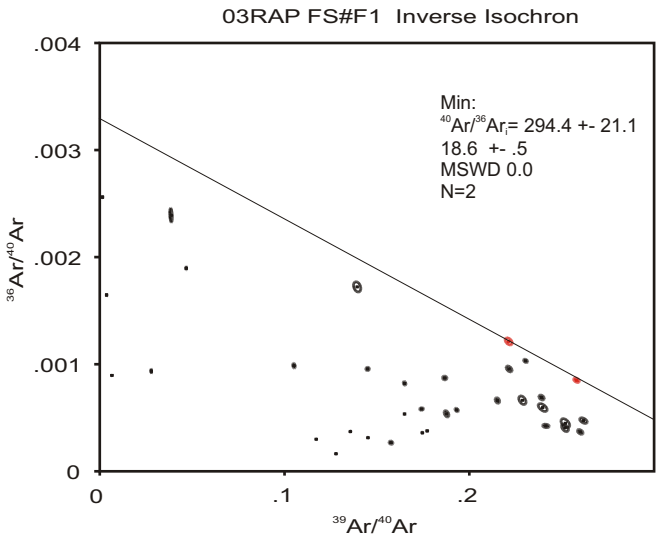
A29



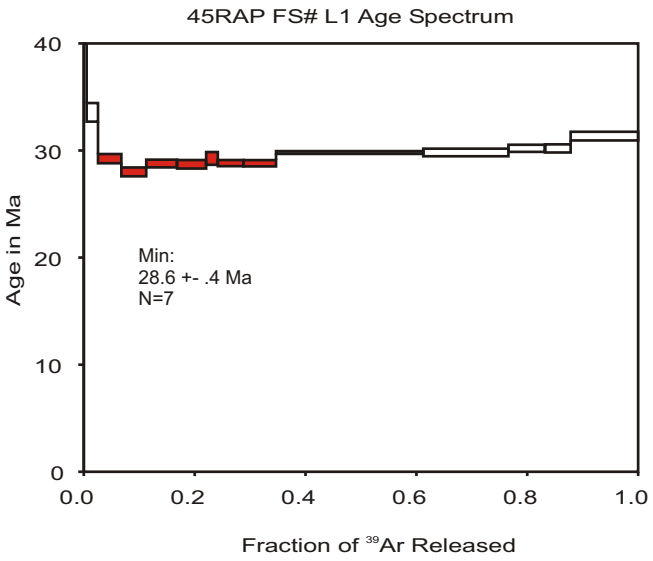


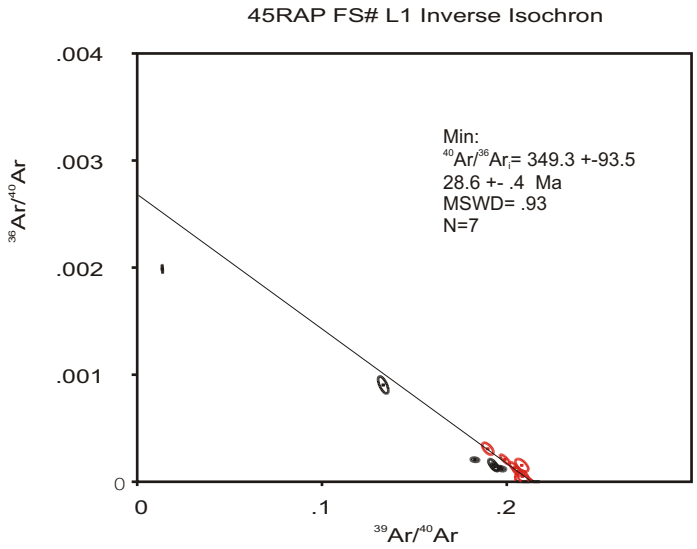
A30
BENOWITZ



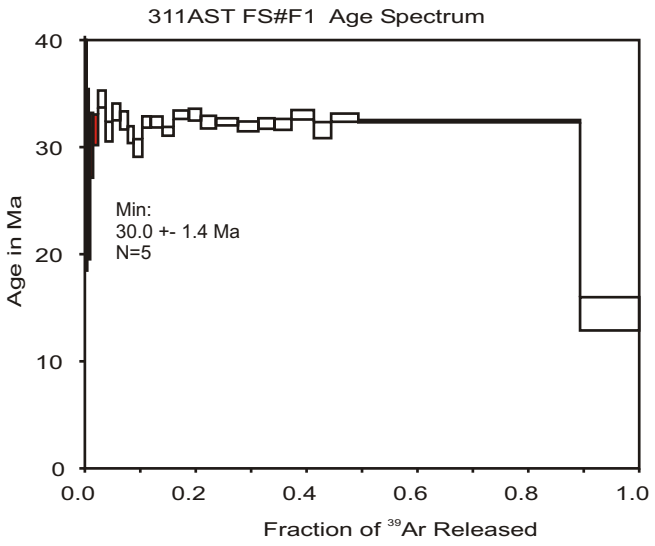


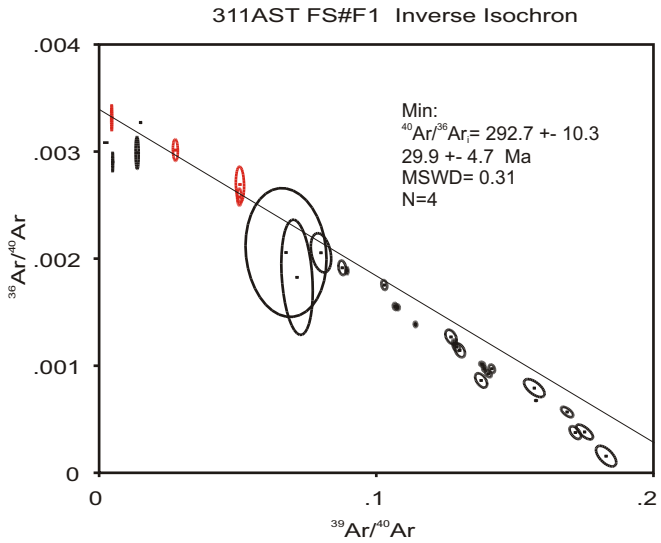
A31
BENOWTIZ



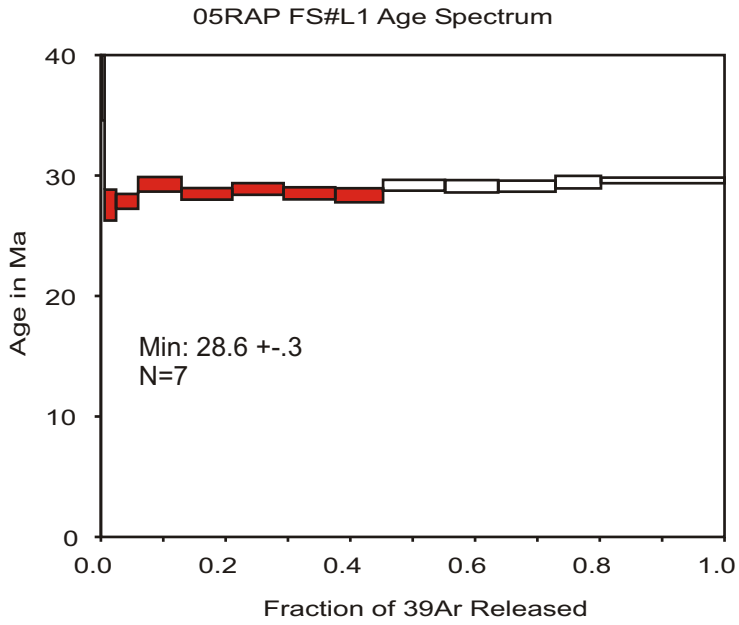


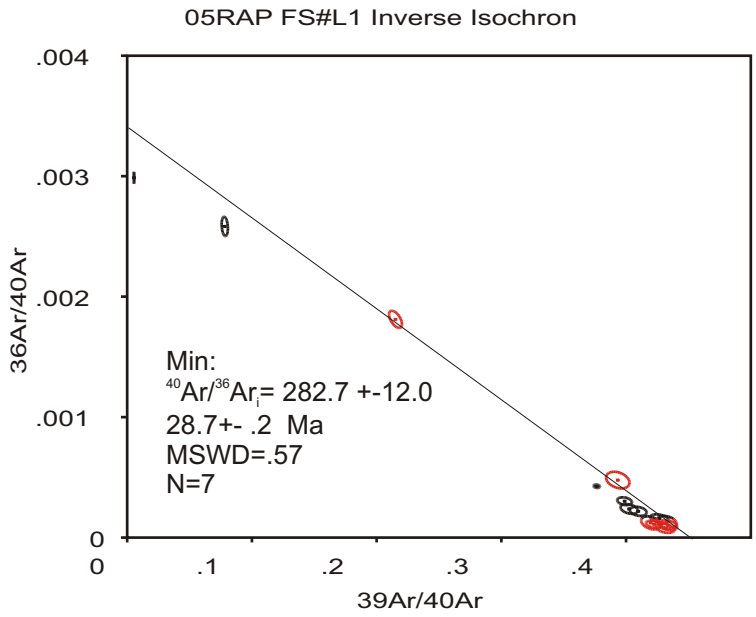
A32
BENOWITZ



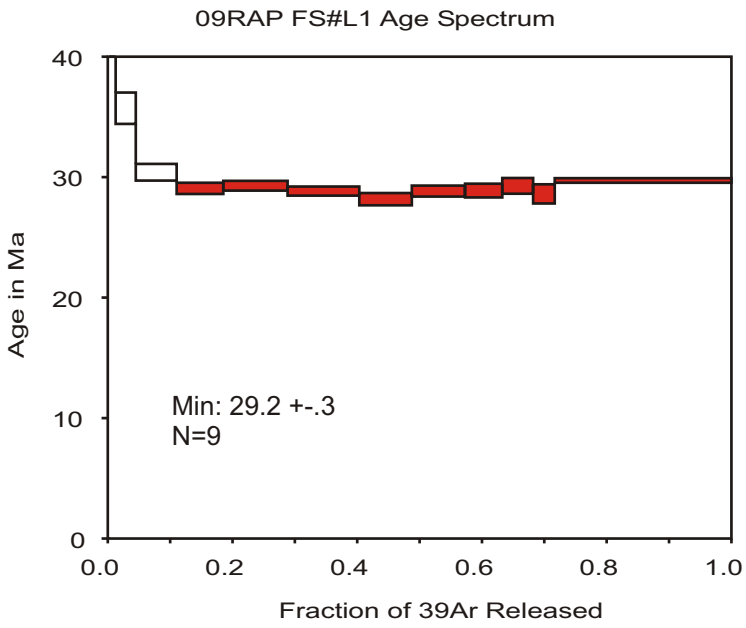


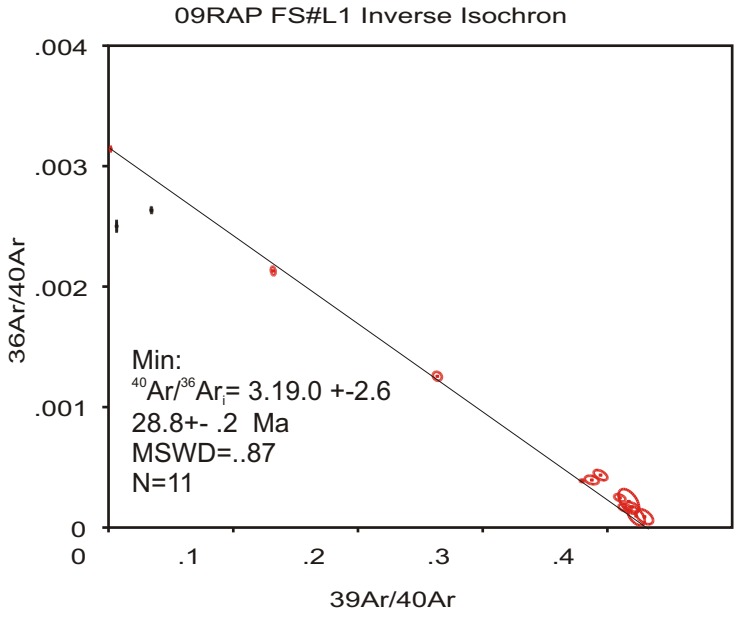
A33
BENOWTIZ



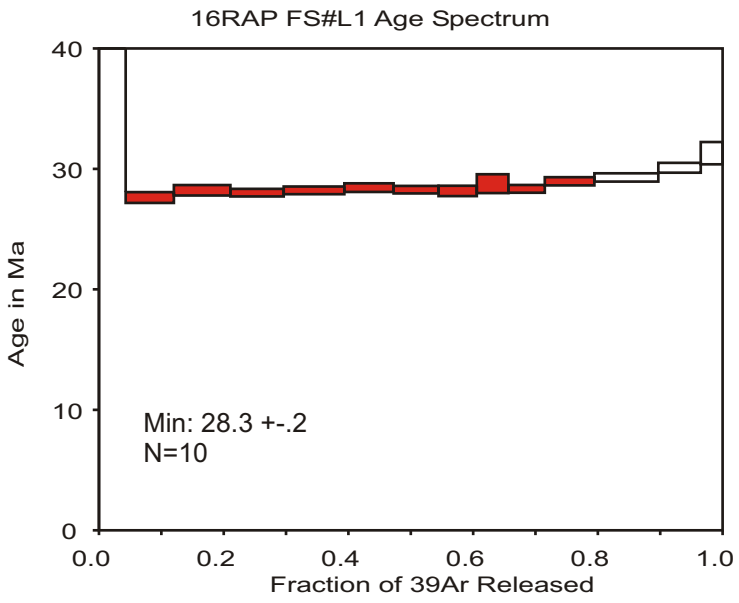


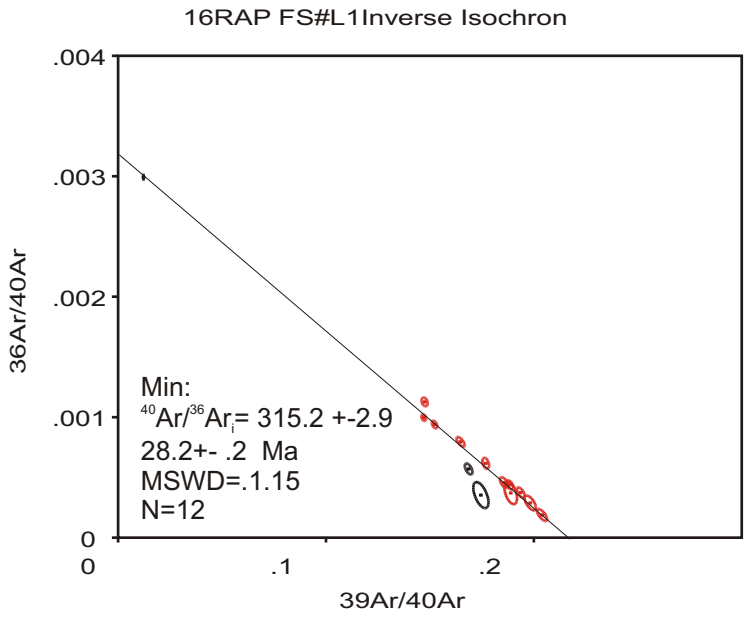
A34
BENOWITZ



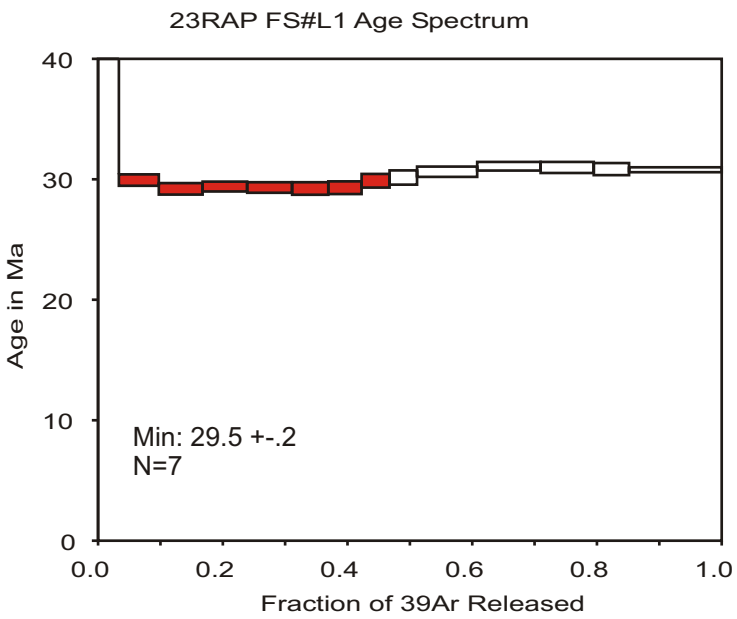


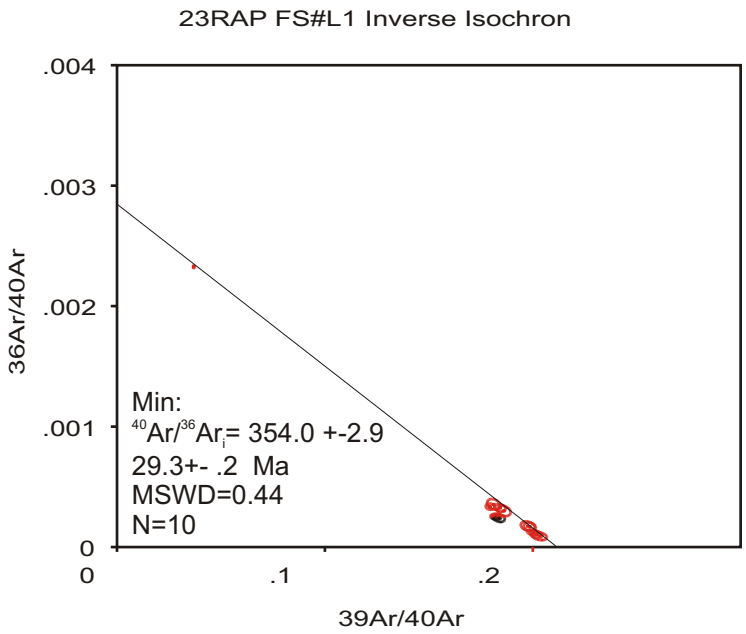
A35
BENOWITZ





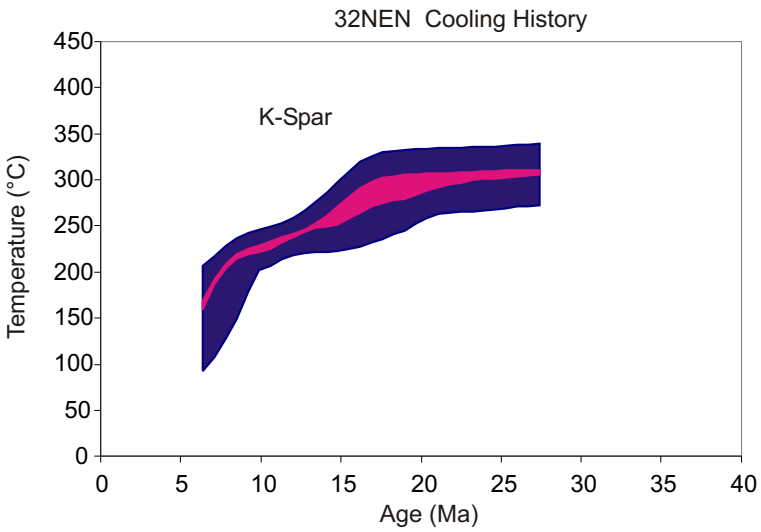
A36
BENOWITZ

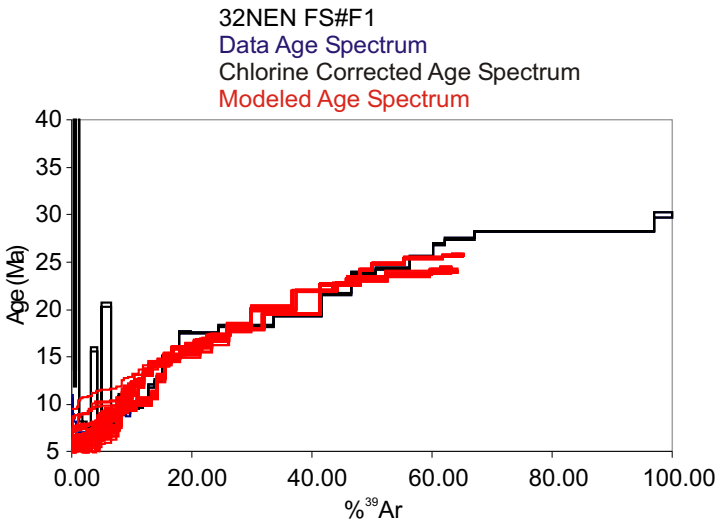


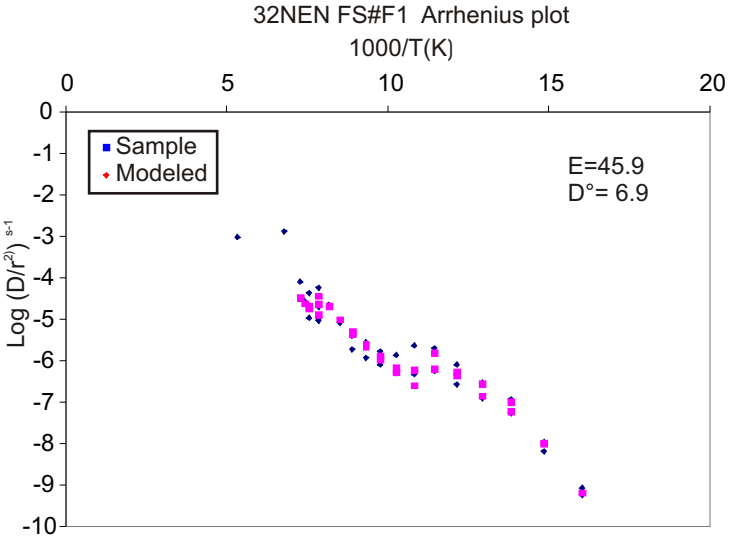


A37
BENOWTIZ

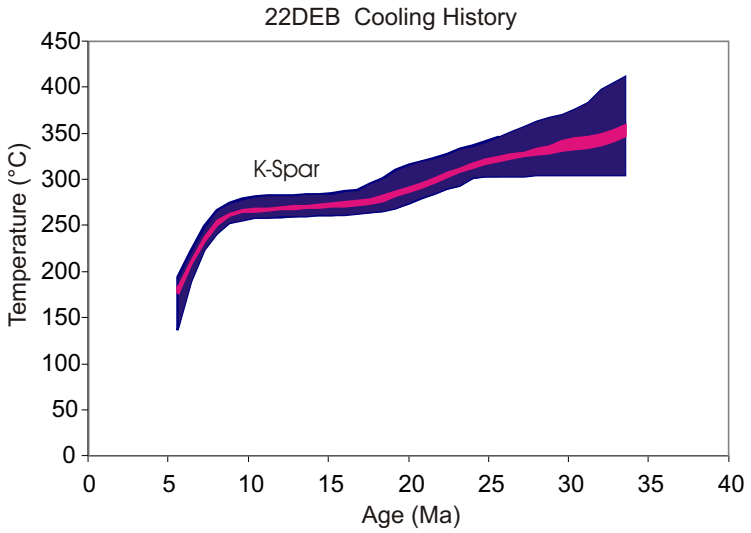
A38
BENOWITZ

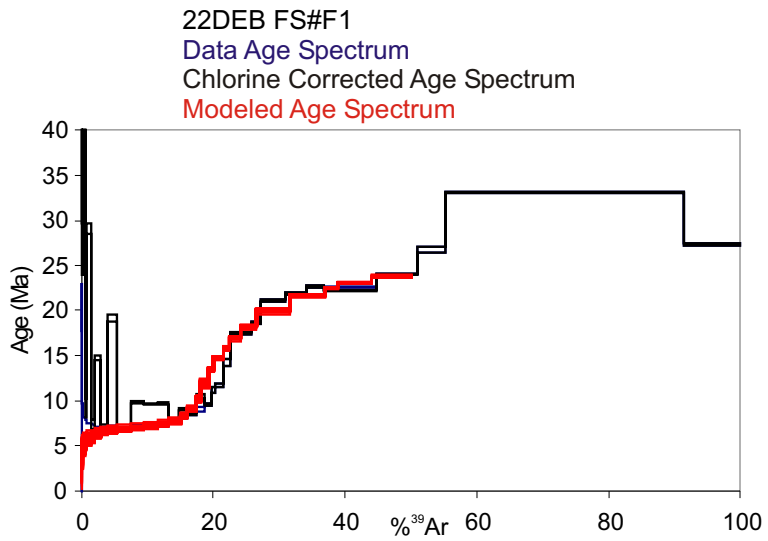


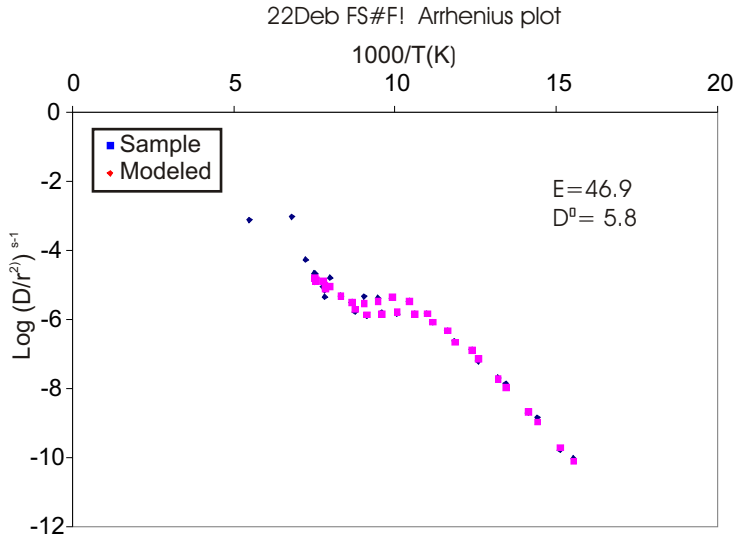




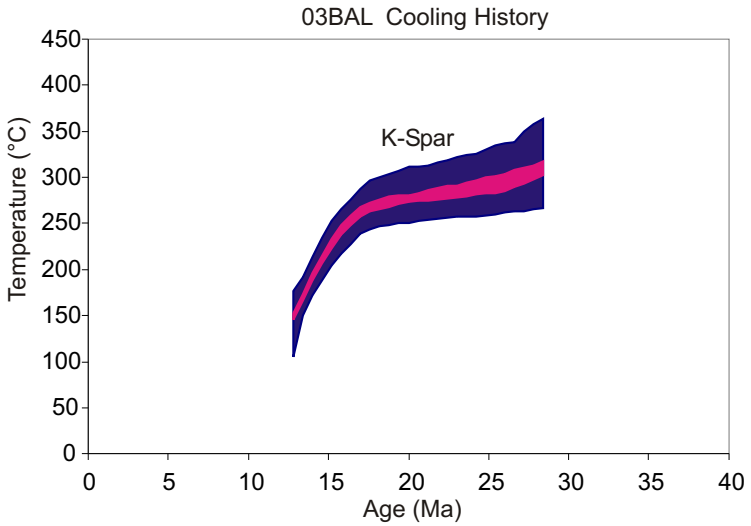
A39
BENOWITZ

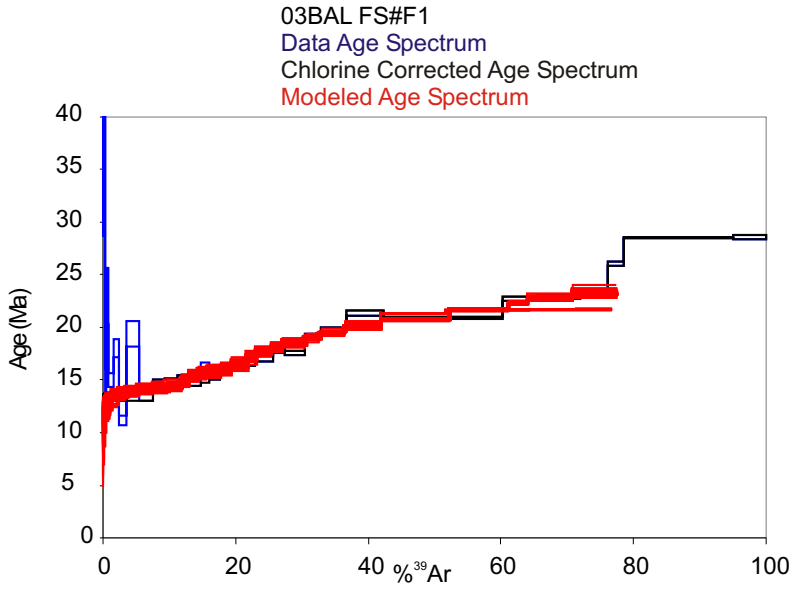


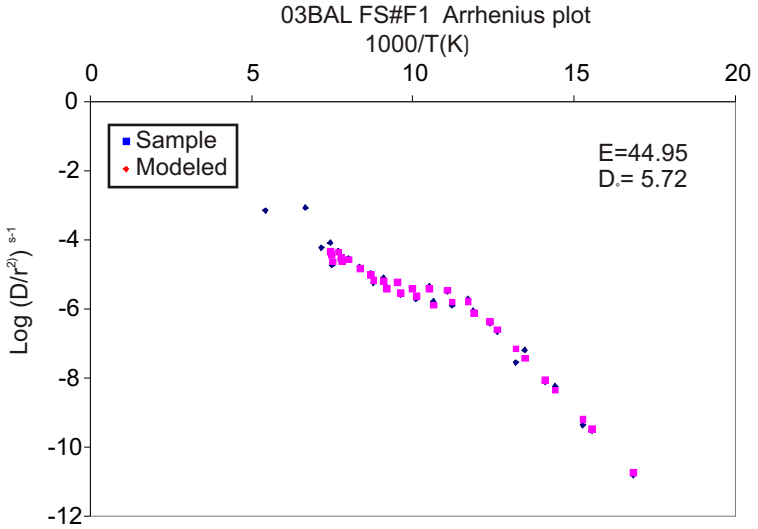




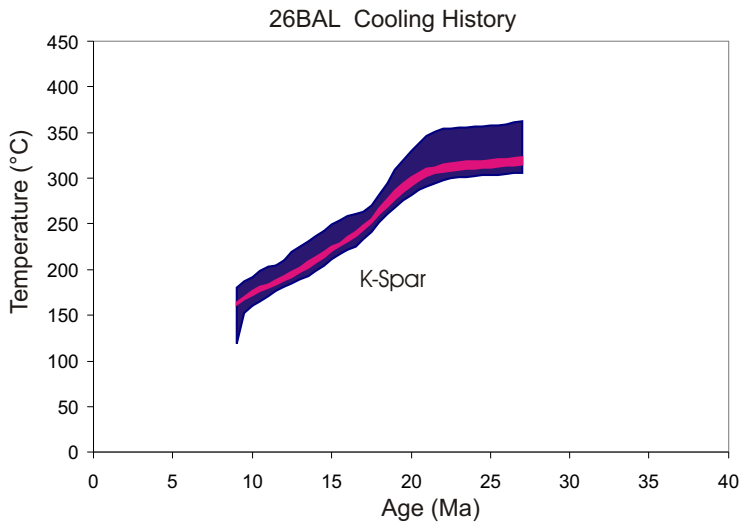
A40
BENOWITZ

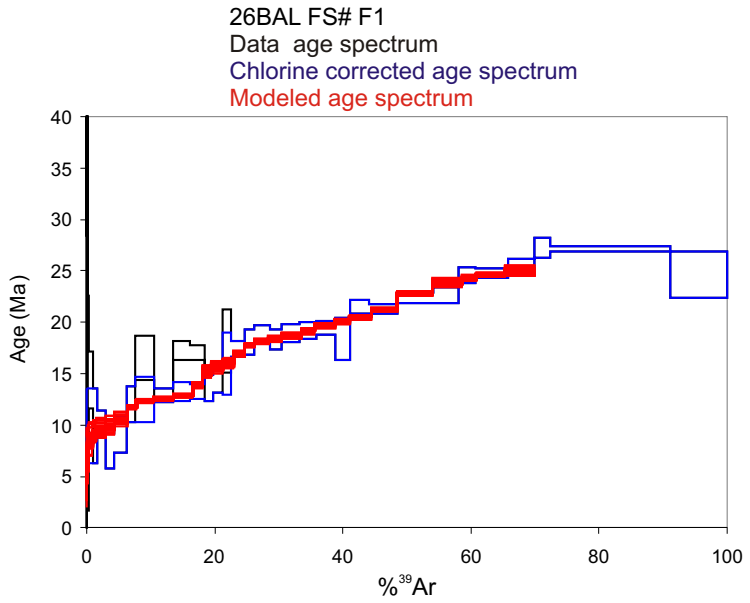


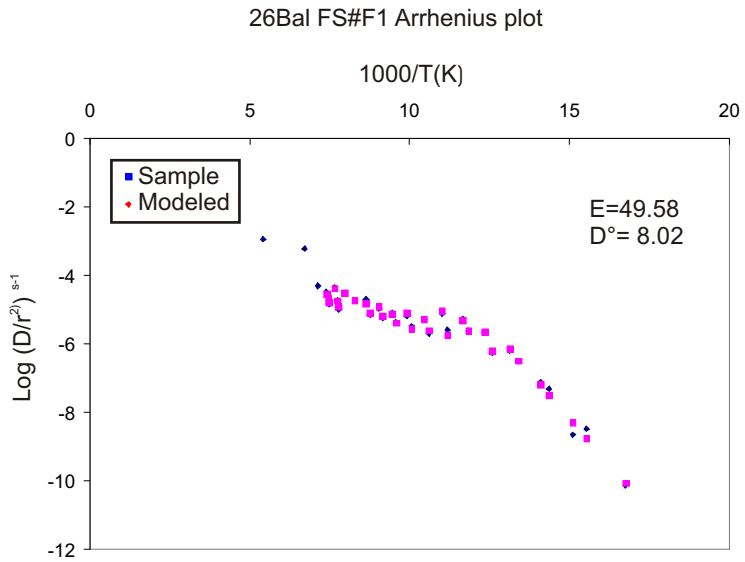




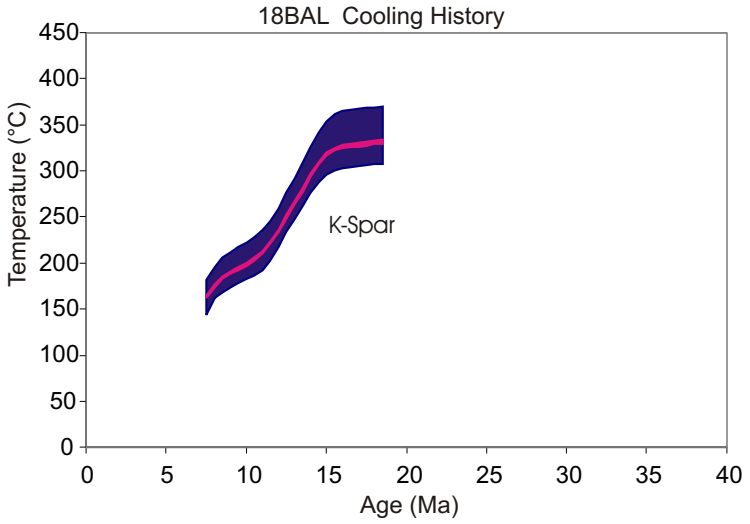
A41
BENOWITZ

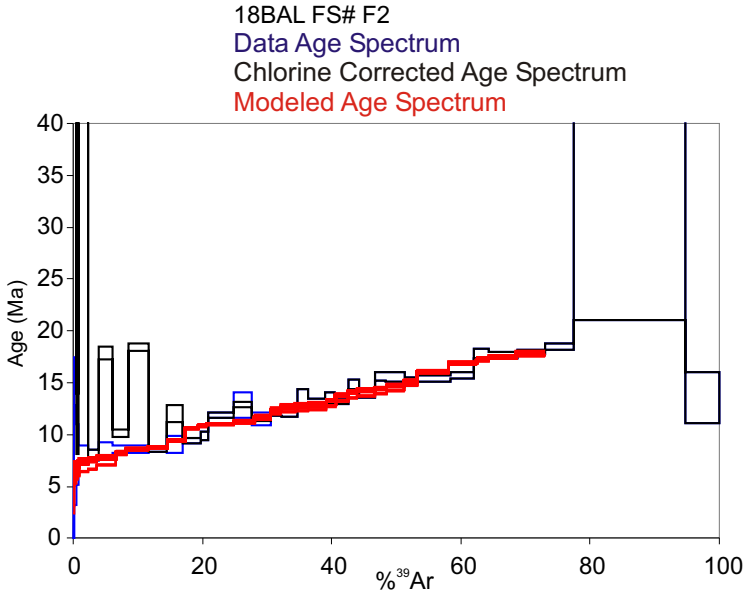


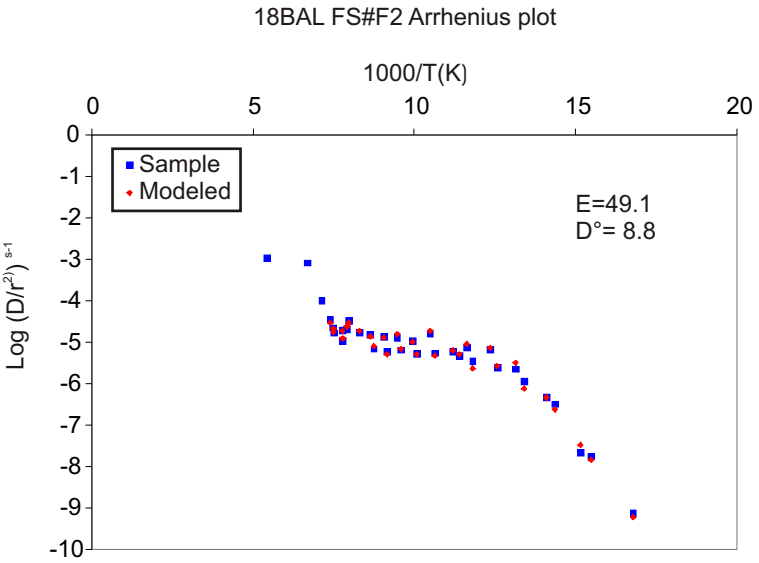
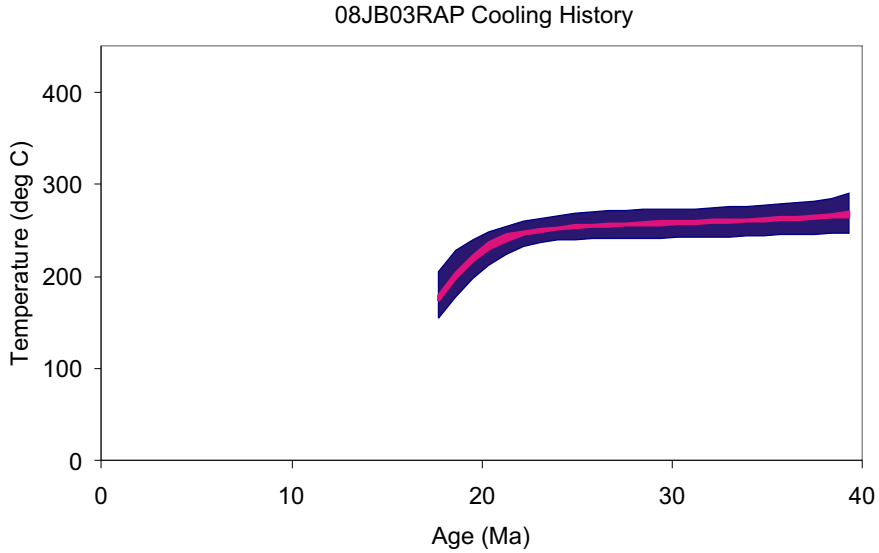
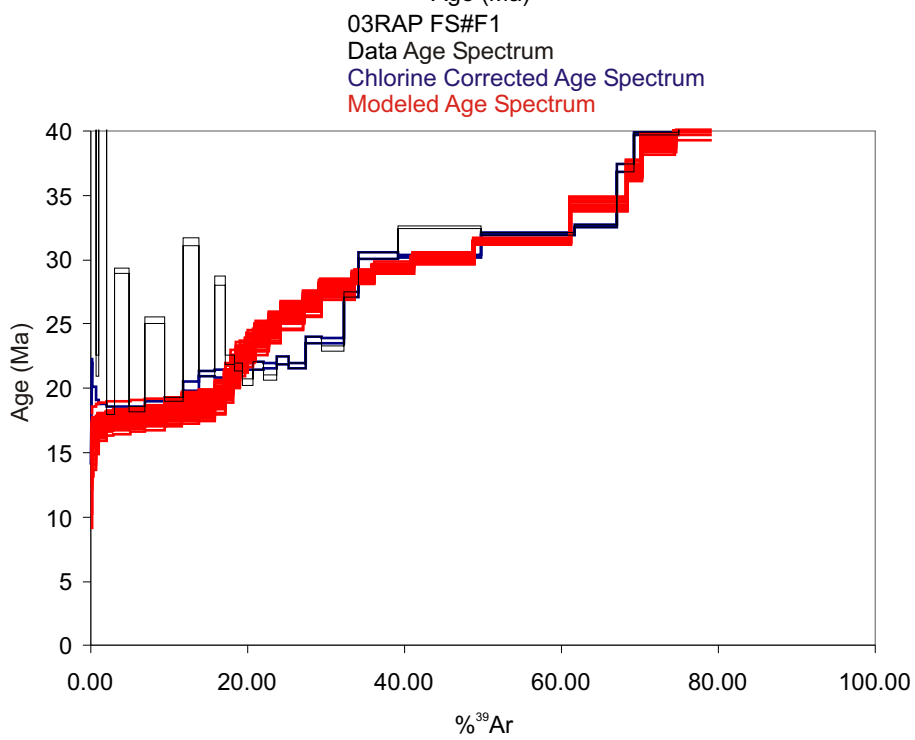
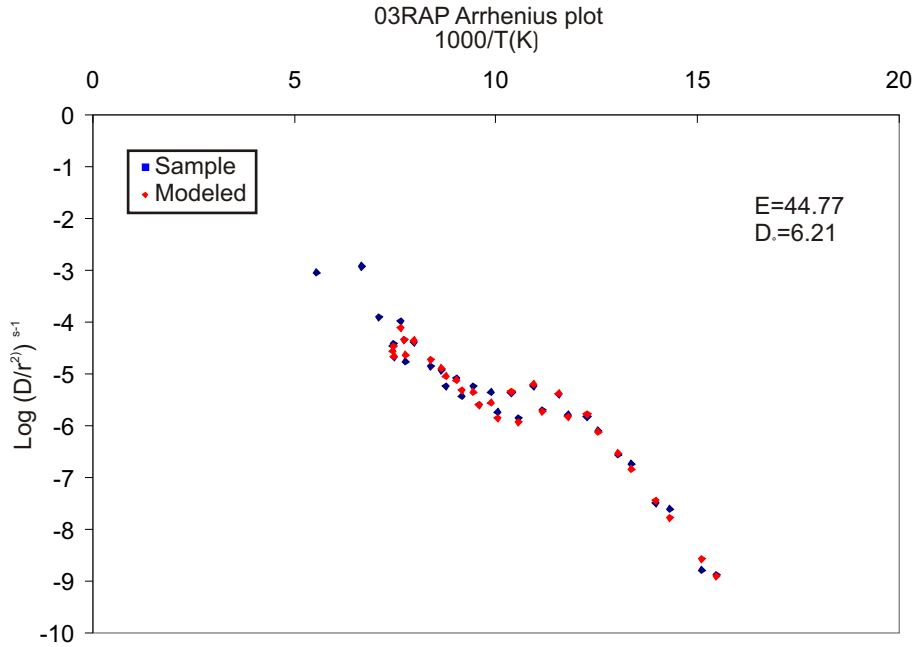




A42
BENOWITZ







A43
Benowitz