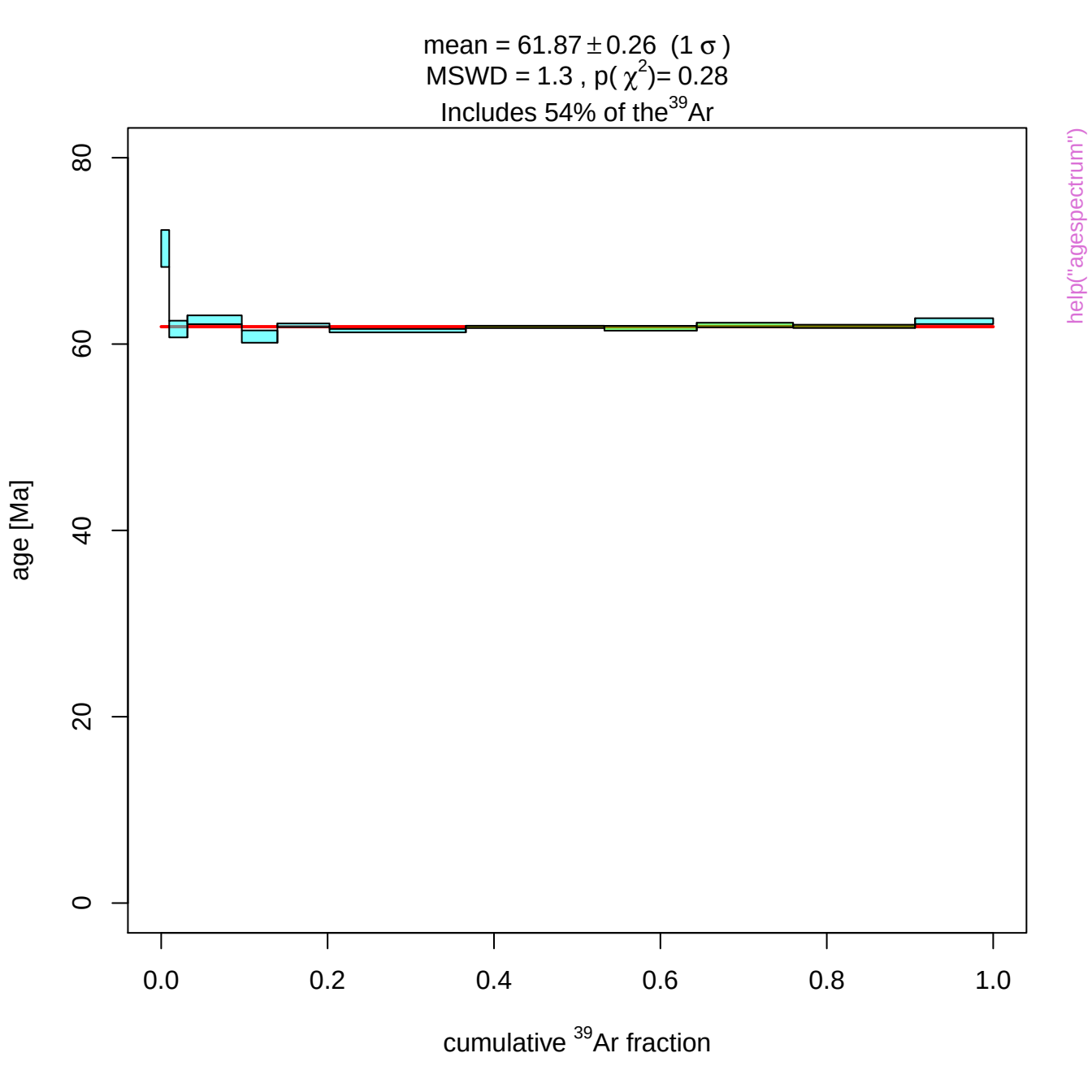
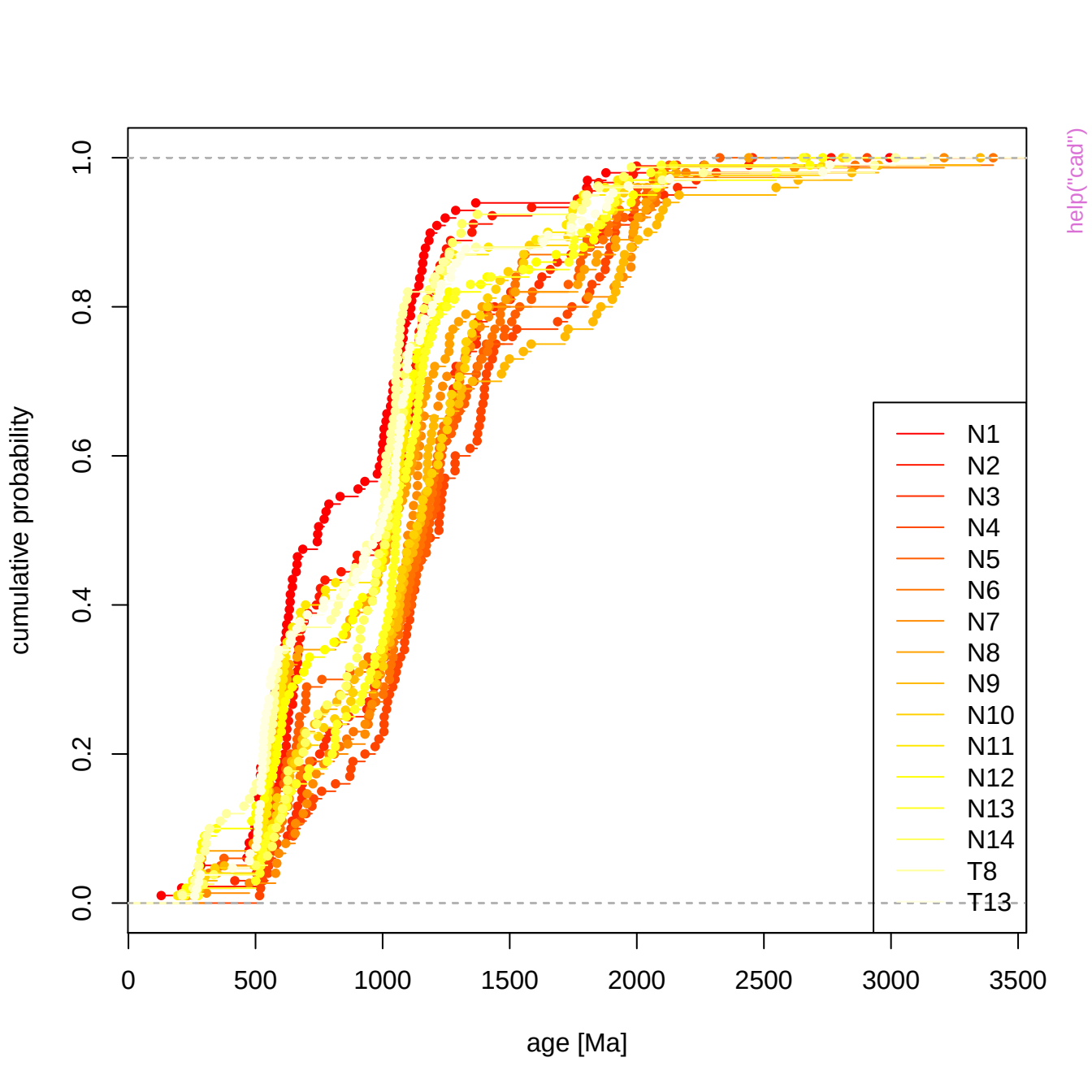
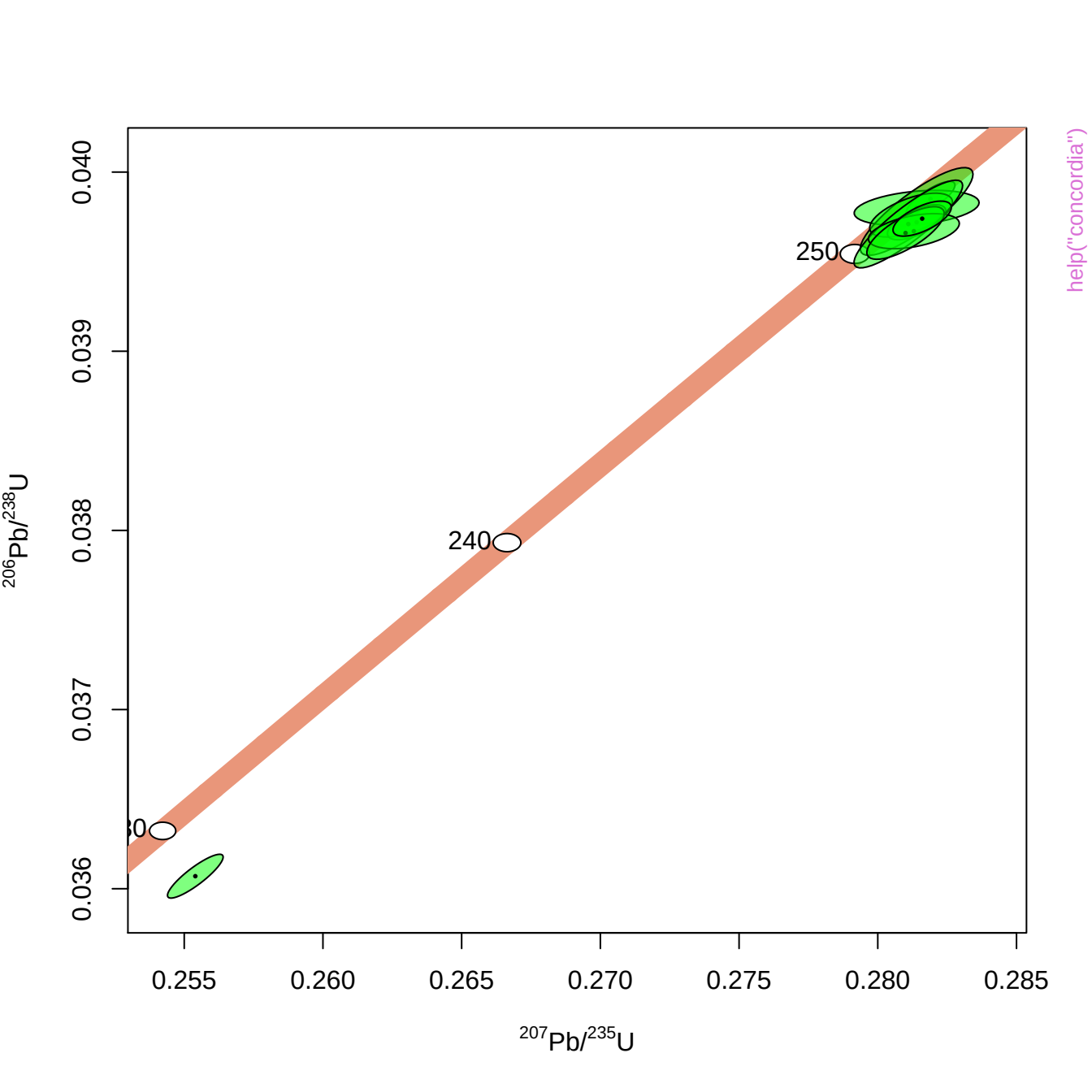
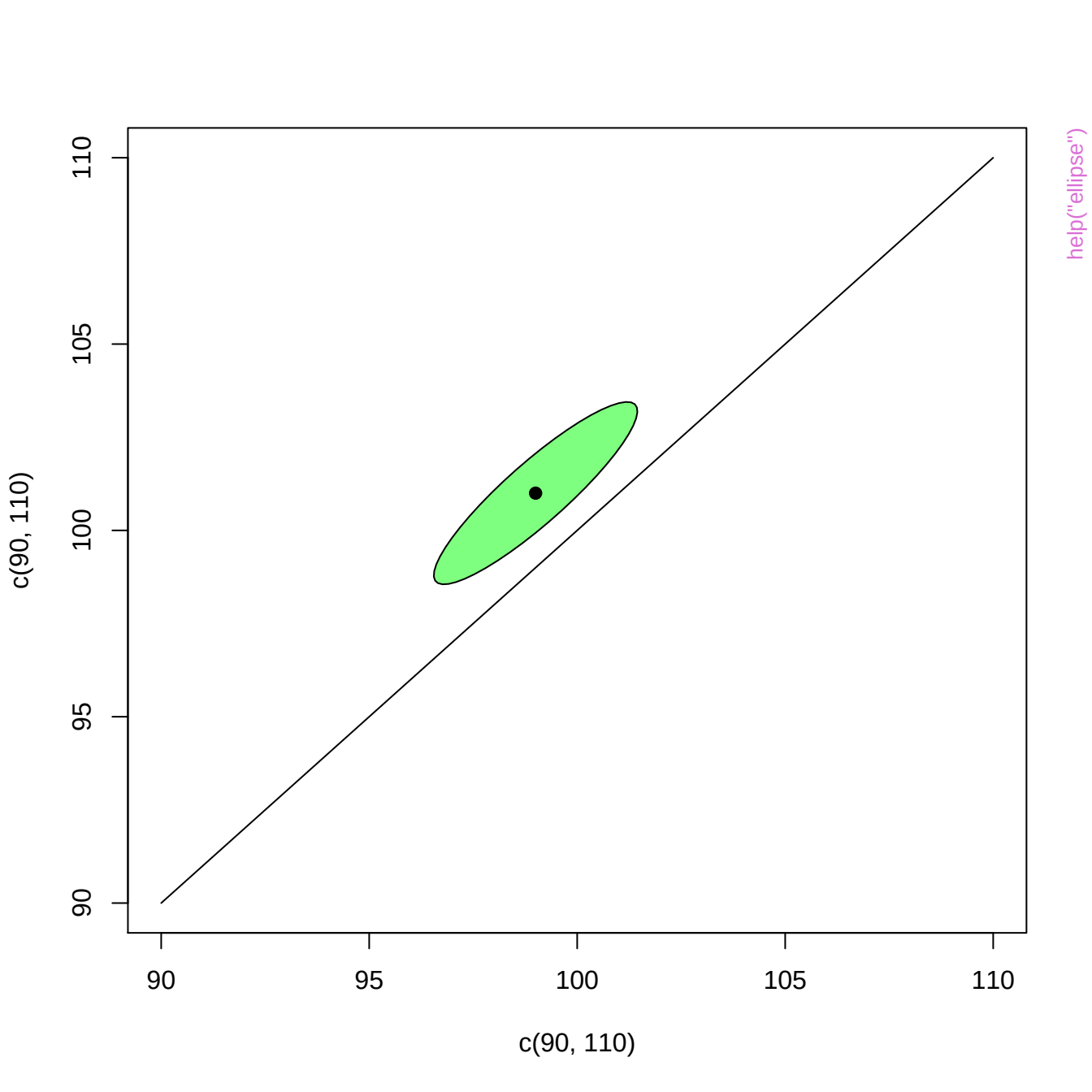
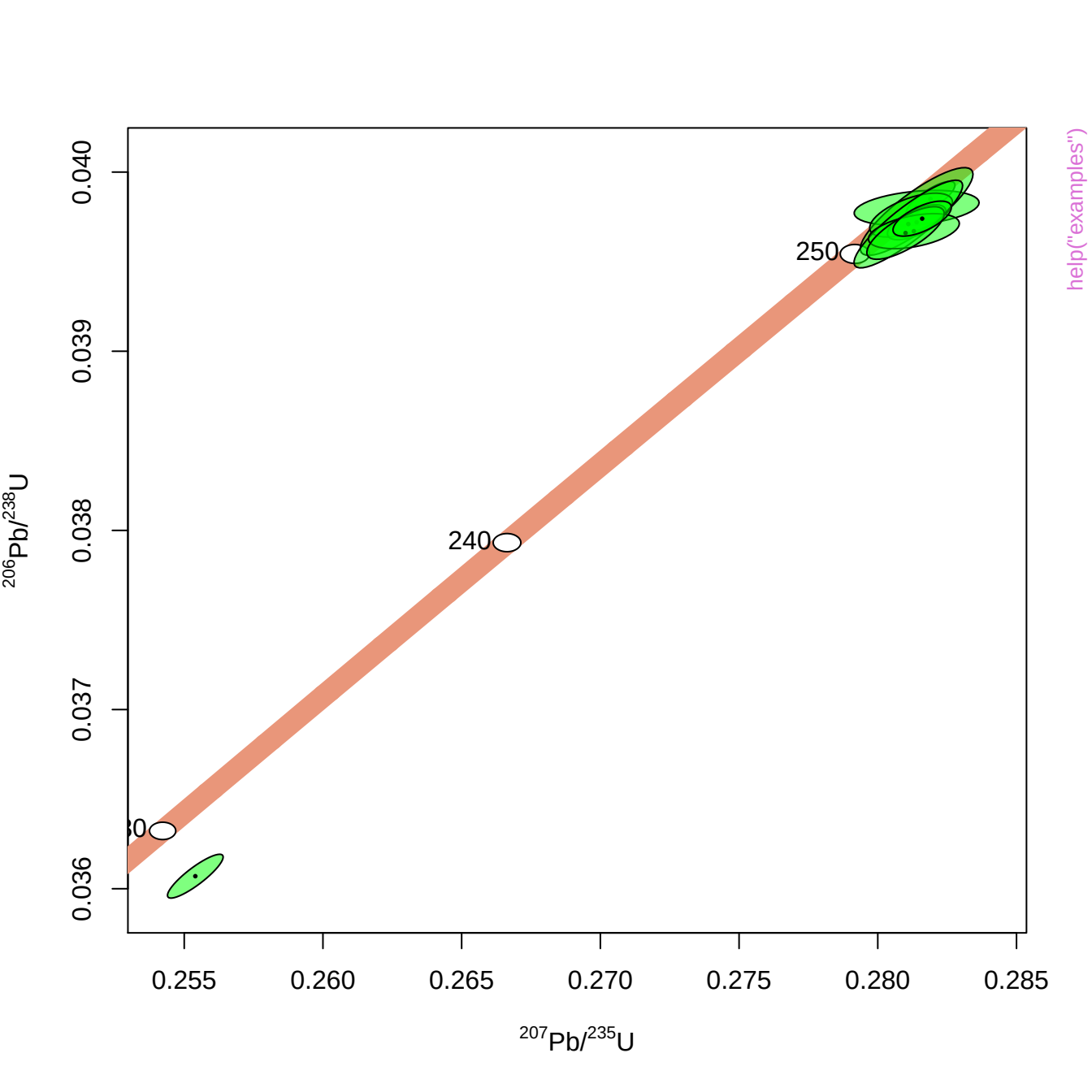
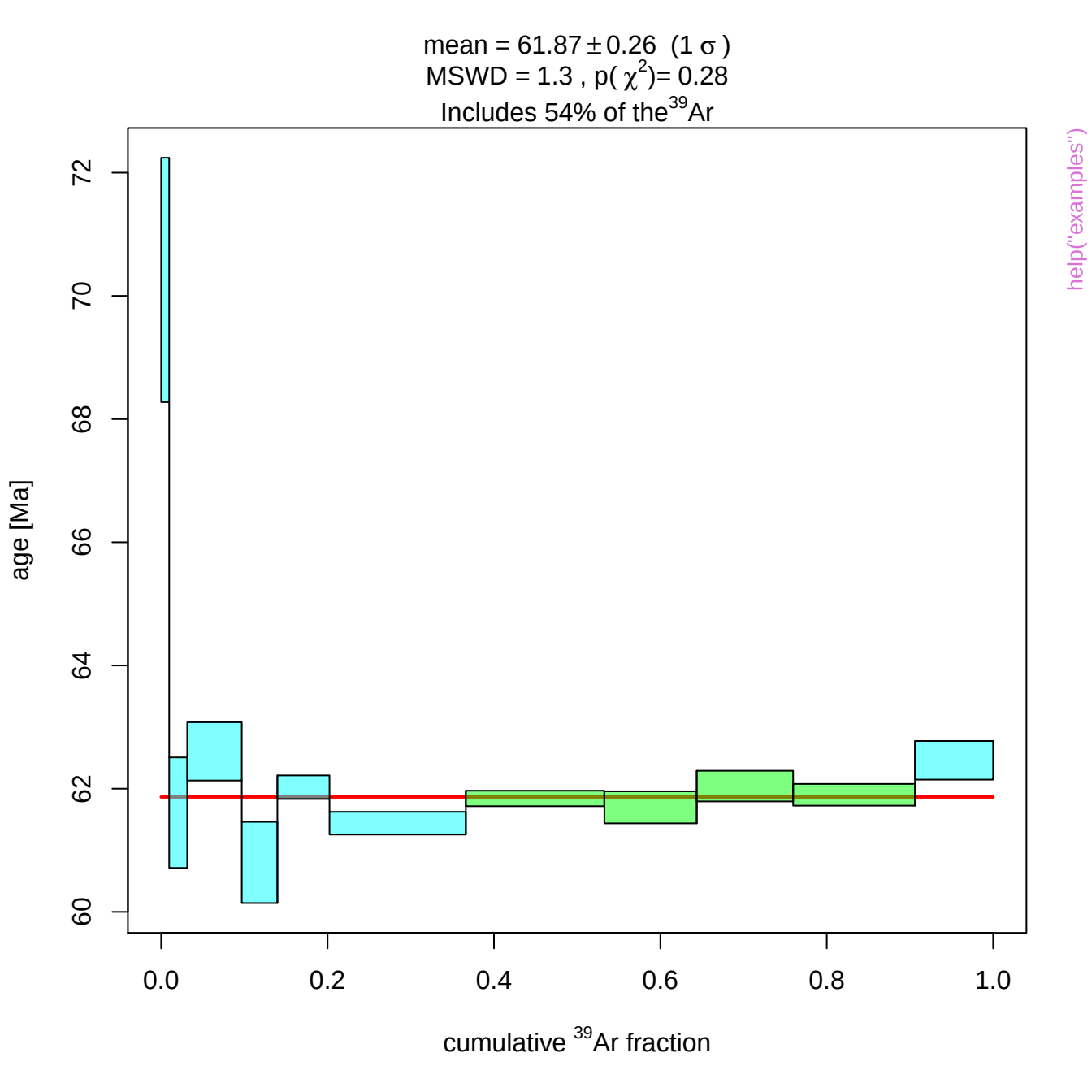

mean = 61.87 ± 0.26 (1 σ)
MSWD = 1.3 , p(χ2)= 0.28
Includes 54% of the 39Ar
age [Ma]
0
20
40
60
80
0.0
0.2
0.4
0.6
0.8
1.0
cumulative 39Ar fraction
help("agespectrum")

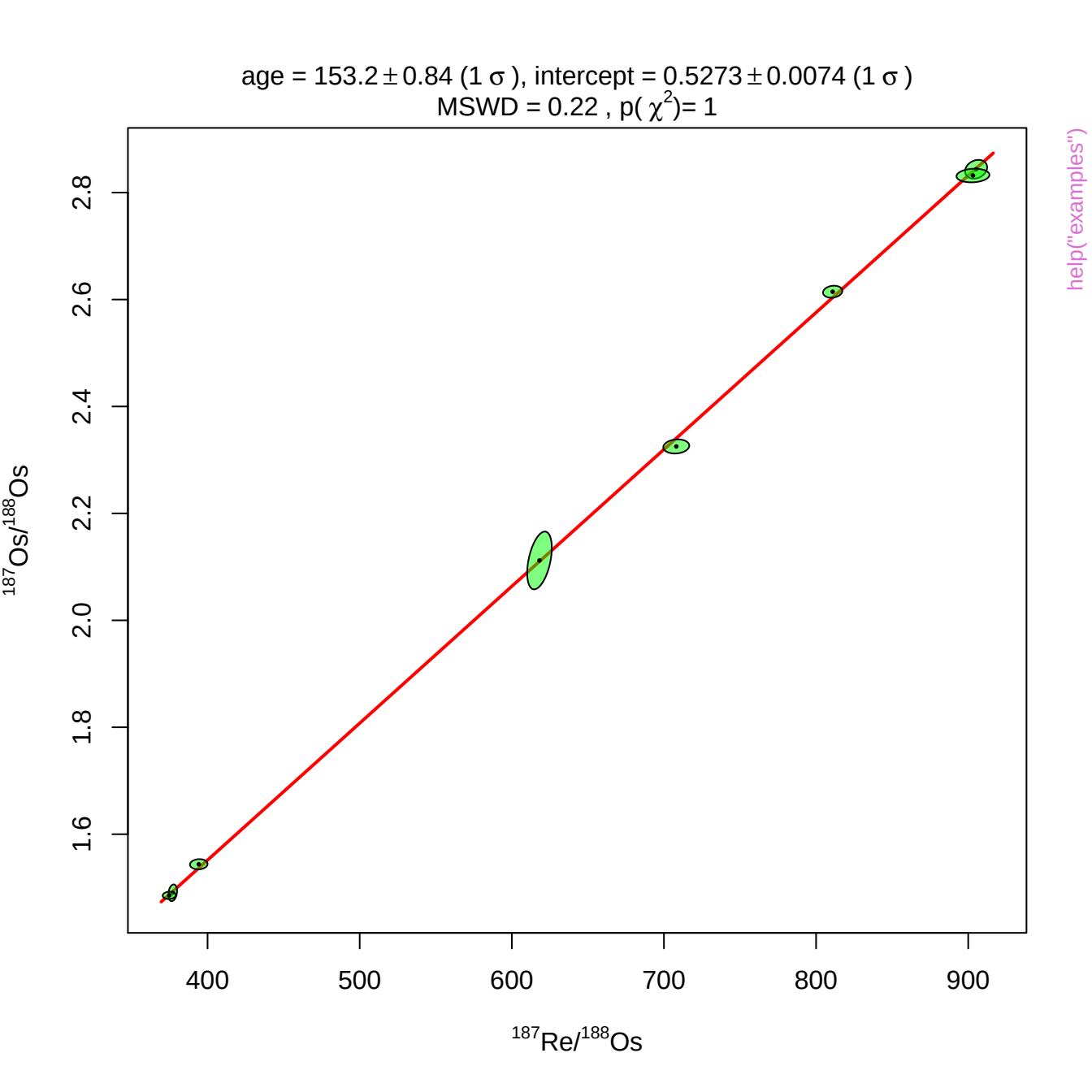

help("cad")
cumulative probability
0.0
0.2
0.4
0.6
0.8
1.0
0
500
1000
1500
2000
2500
3000
3500
age [Ma]
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
T8
T13

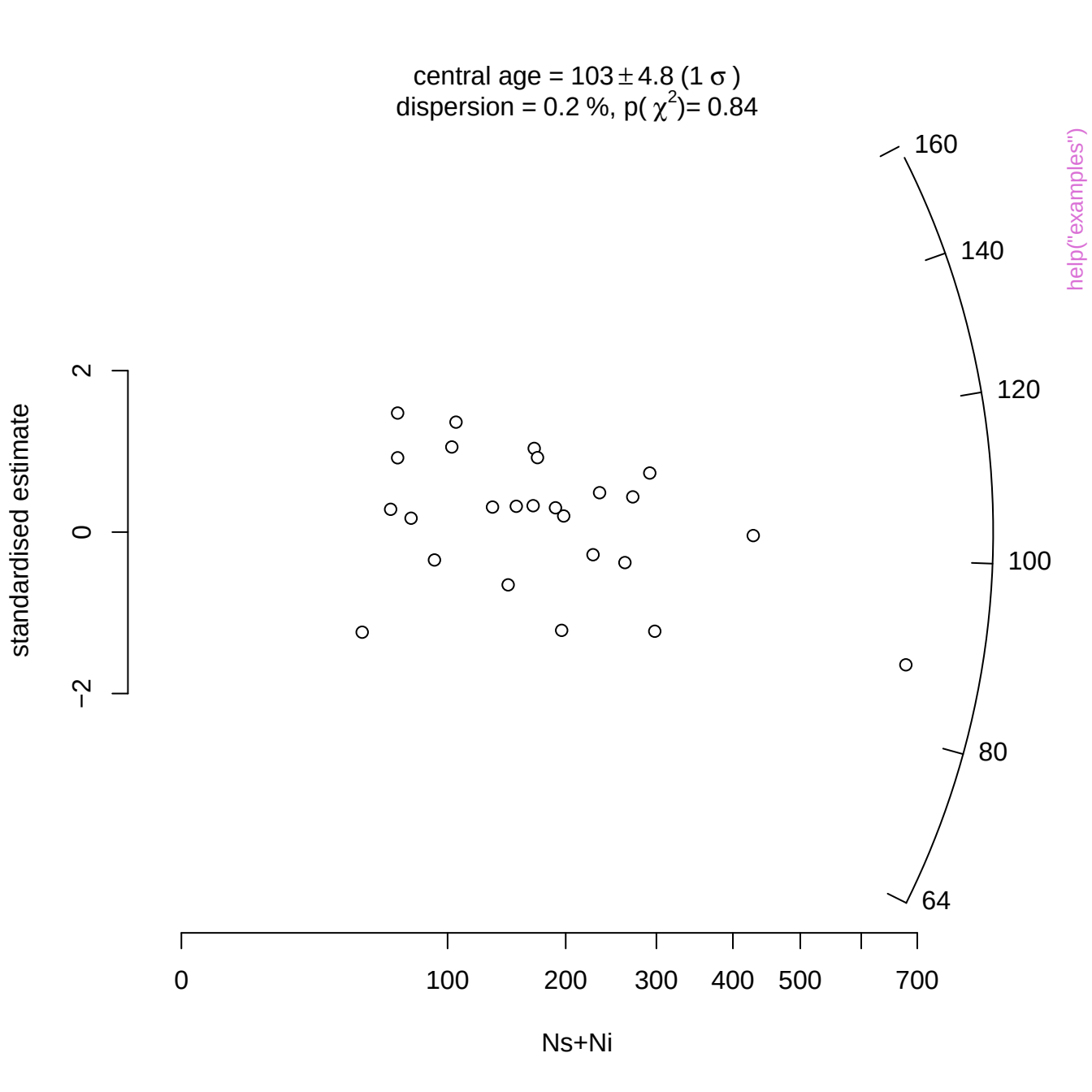

0.040
0.039
0.038
0.037
0.036
$^{206}Pb/^{238}U$
250
240
0.255
0.260
0.265
0.270
0.275
0.280
0.285
$^{207}Pb/^{235}U$
help("concordia")

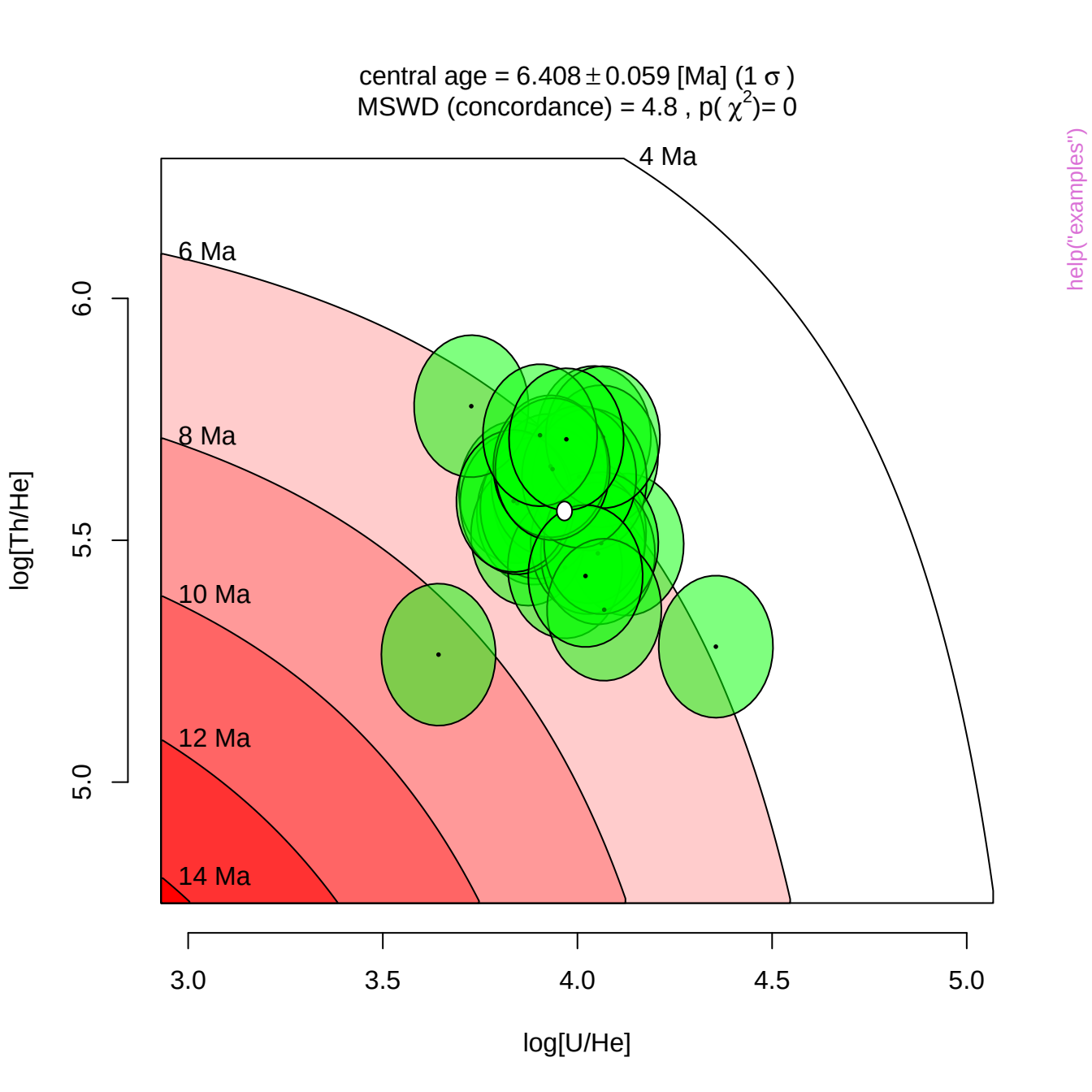

help("ellipse")
c(90, 110)
90
95
100
105
110
c(90, 110)
90
95
100
105
110

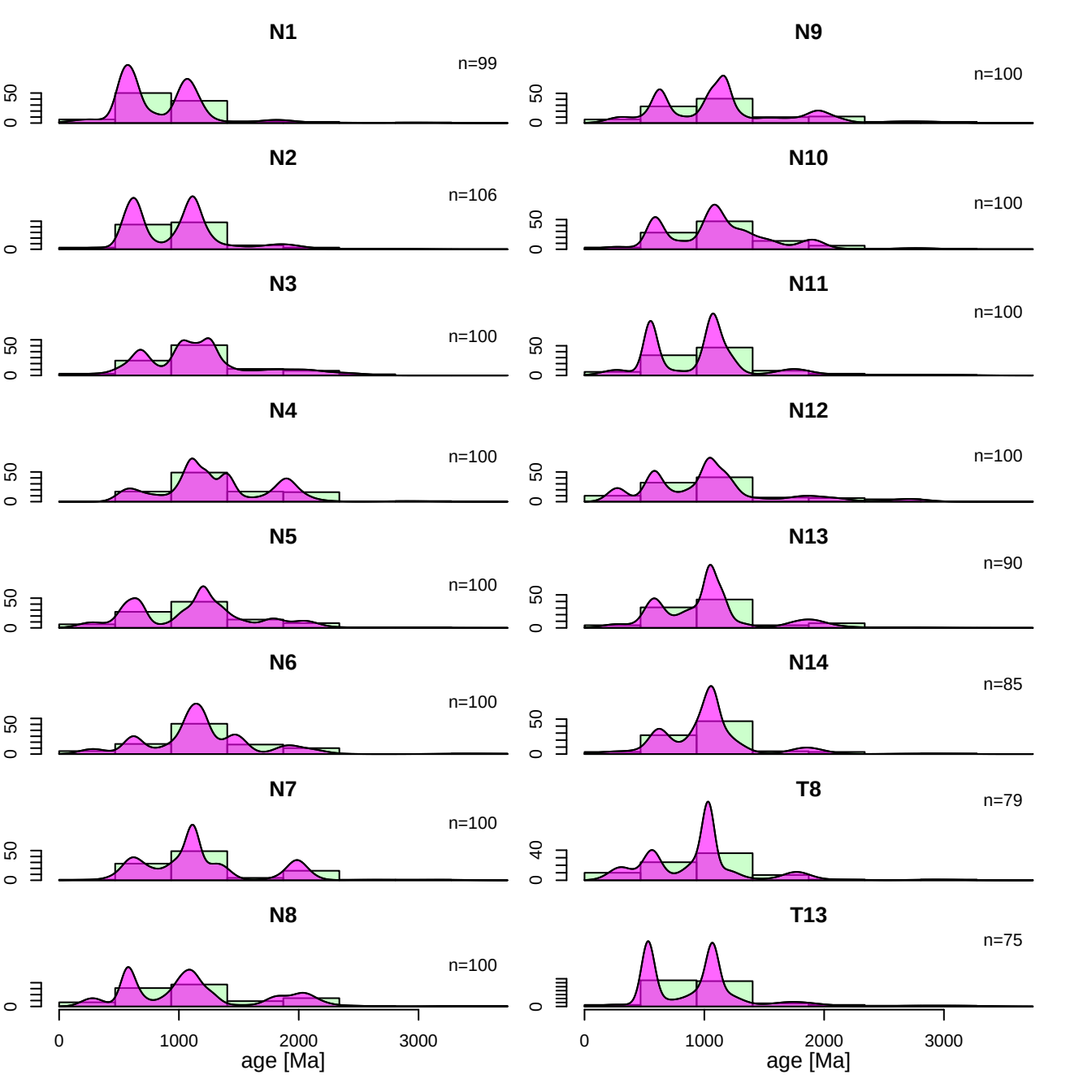

0.040
0.039
0.038
0.037
0.036
$^{206}Pb/^{238}U$
250
240
0.255
0.260
0.265
0.270
0.275
0.280
0.285
$^{207}Pb/^{235}U$
help("examples")


mean = 61.87 ± 0.26 (1 σ)
MSWD = 1.3 , p(χ2)= 0.28
Includes 54% of the 39Ar
age [Ma]
60
62
64
66
68
70
72
0.0
0.2
0.4
0.6
0.8
1.0
cumulative 39Ar fraction
help("examples")

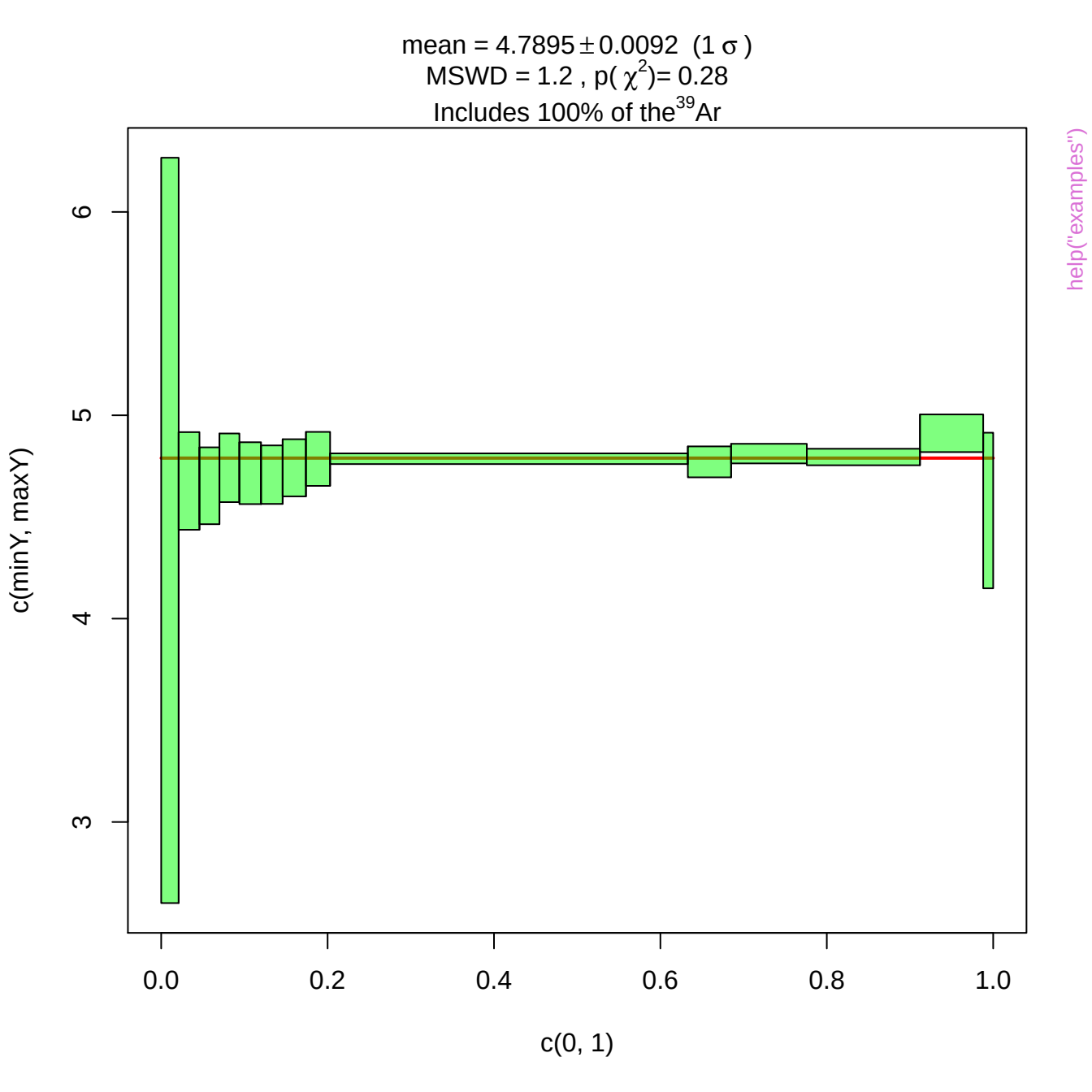

age = 153.2 ± 0.84 (1 σ), intercept = 0.5273 ± 0.0074 (1 σ)
MSWD = 0.22 , p(χ2)= 1
187Os/188Os
187Re/188Os
1.6
1.8
2.0
2.2
2.4
2.6
2.8
400
500
600
700
800
900
help("examples")

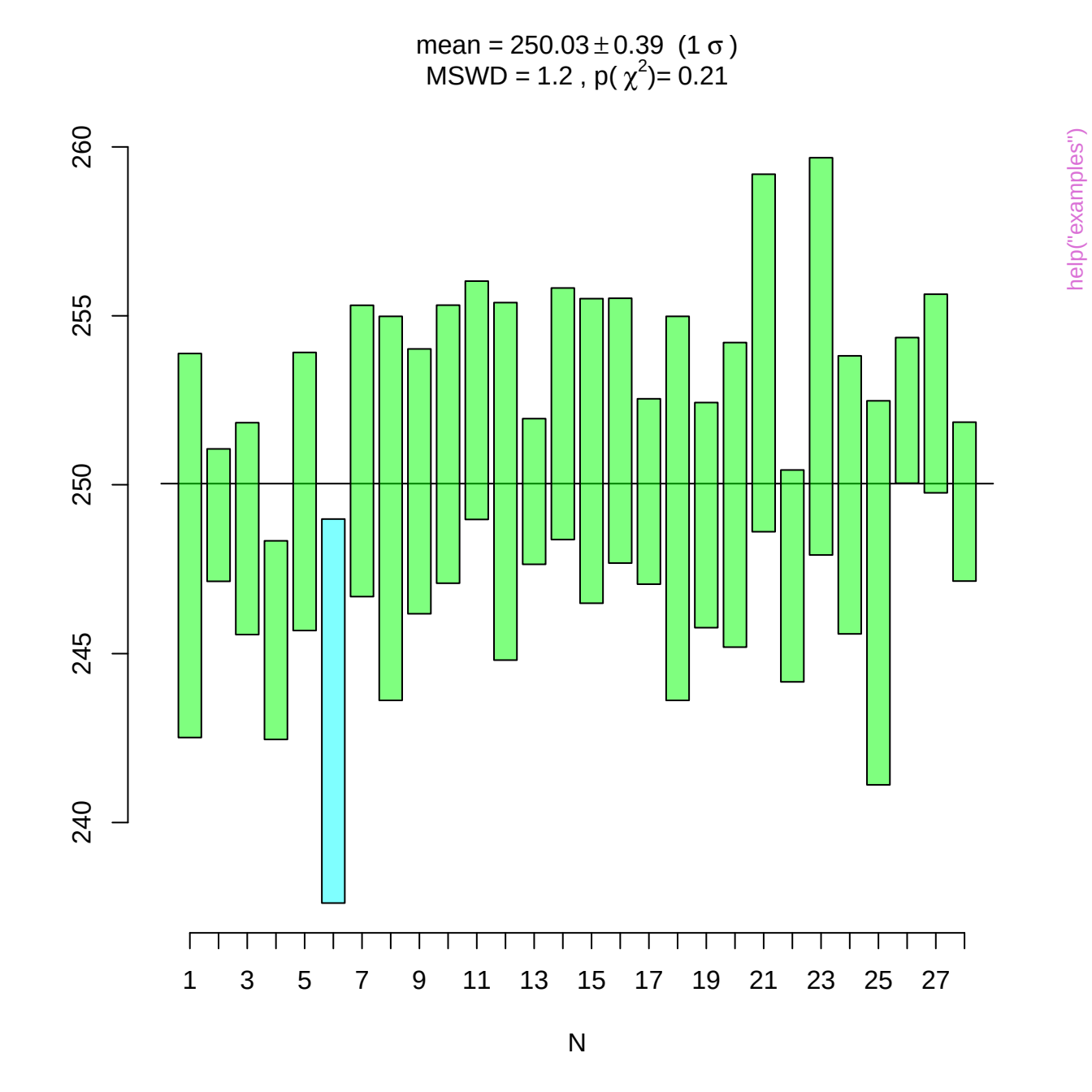

central age = 103 ± 4.8 (1 σ)
dispersion = 0.2 %, p(χ2)= 0.84
standardised estimate
2
0
−2
160
140
120
100
80
64
0
100
200
300
400
500
700
Ns+Ni
help("examples")

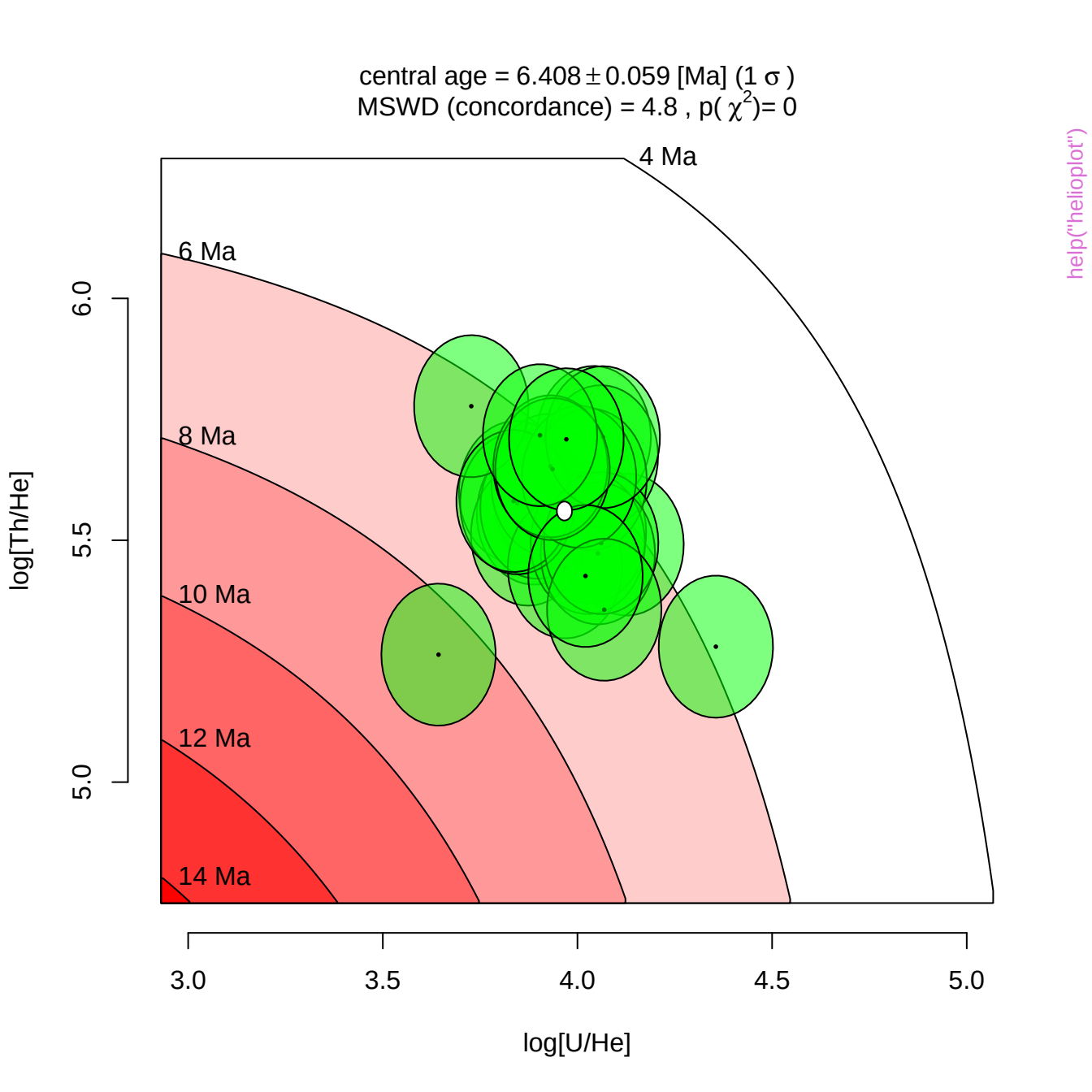

central age = 6.408 ± 0.059 [Ma] (1 σ)
MSWD (concordance) = 4.8 , p(χ2)= 0
4 Ma
6 Ma
8 Ma
10 Ma
12 Ma
14 Ma
6.0
5.5
5.0
log[Th/He]
3.0
3.5
4.0
4.5
5.0
log[U/He]
help("examples")


N1
n=99
N2
n=106
N3
n=100
N4
n=100
N5
n=100
N6
n=100
N7
n=100
N8
n=100
N9
n=100
N10
n=100
N11
n=100
N12
n=100
N13
n=90
N14
n=85
T8
n=79
T13
n=75
0
50
40
0
1000
2000
3000
age [Ma]

standardised estimate
−2
0
2
0
2
4
6
8
10
10
t/σ
200
100
50
20
help("examples")


mean = 4.7895 ± 0.0092 (1 σ)
MSWD = 1.2 , p(χ2)= 0.28
Includes 100% of the 39Ar
c(minY, maxY)
3
4
5
6
0.0
0.2
0.4
0.6
0.8
1.0
c(0, 1)
help("examples")


mean = 250.03 ± 0.39 (1 σ)
MSWD = 1.2 , p(χ2)= 0.21
260
255
250
245
240
1
3
5
7
9
11
13
15
17
19
21
23
25
27
N
help("examples")


central age = 6.408 ± 0.059 [Ma] (1 σ)
MSWD (concordance) = 4.8 , p(χ2)= 0
4 Ma
6 Ma
8 Ma
10 Ma
12 Ma
14 Ma
6.0
5.5
5.0
log[Th/He]
3.0
3.5
4.0
4.5
5.0
log[U/He]
help("helioplot")