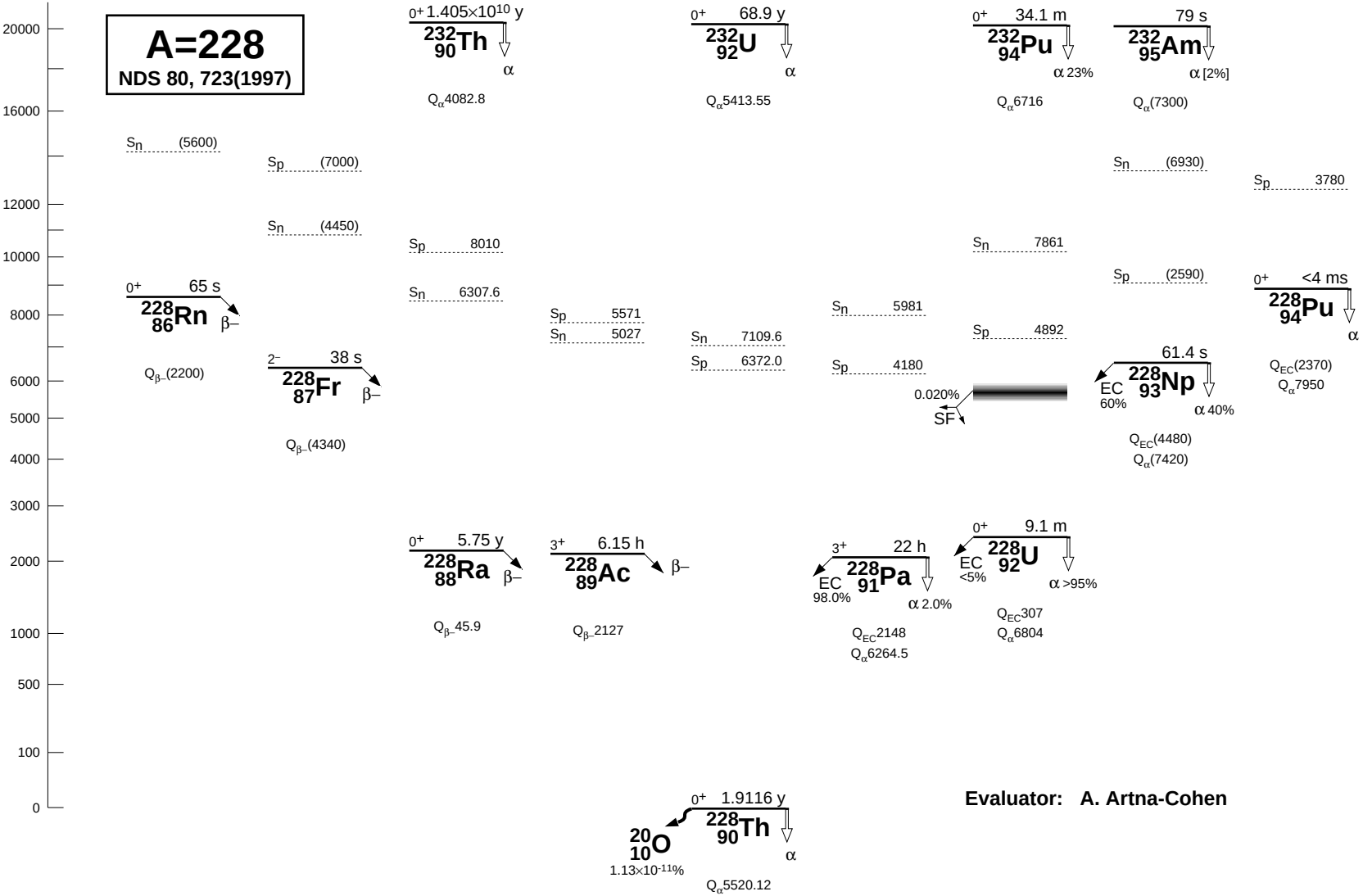
A=228
NDS 80, 723(1997)
20000
16000
12000
10000
8000
6000
5000
4000
3000
2000
1000
500
100
0
0+ 1.405×10^10 y
232 90 Th
α
Qα4082.8
0+ 68.9 y
232 92 U
α
Qα5413.55
0+ 34.1 m
232 94 Pu
α 23%
Qα6716
79 s
232 95 Am
α [2%]
Qα(7300)
Sn (5600)
Sp (7000)
Sn (4450)
Sp 8010
Sn 6307.6
Sp 5571
Sn 5027
Sn 7109.6
Sp 6372.0
Sn 5981
Sp 4180
Sn 7861
Sp 4892
Sn (6930)
Sp (2590)
Sp 3780
0+ 65 s
228 86 Rn
β–
Qβ–(2200)
2– 38 s
228 87 Fr
β–
Qβ–(4340)
0.020%
SF
61.4 s
228 93 Np
EC 60%
α 40%
QEC(4480)
Qα(7420)
0+ <4 ms
228 94 Pu
α
QEC(2370)
Qα7950
0+ 5.75 y
228 88 Ra
β–
Qβ–45.9
3+ 6.15 h
228 89 Ac
β–
Qβ–2127
3+ 22 h
228 91 Pa
EC 98.0%
α 2.0%
QEC2148
Qα6264.5
0+ 9.1 m
228 92 U
EC <5%
α >95%
QEC307
Qα6804
0+ 1.9116 y
228 90 Th
α
20 10 O
1.13×10^-11%
Qα5520.12
Evaluator: A. Artna-Cohen