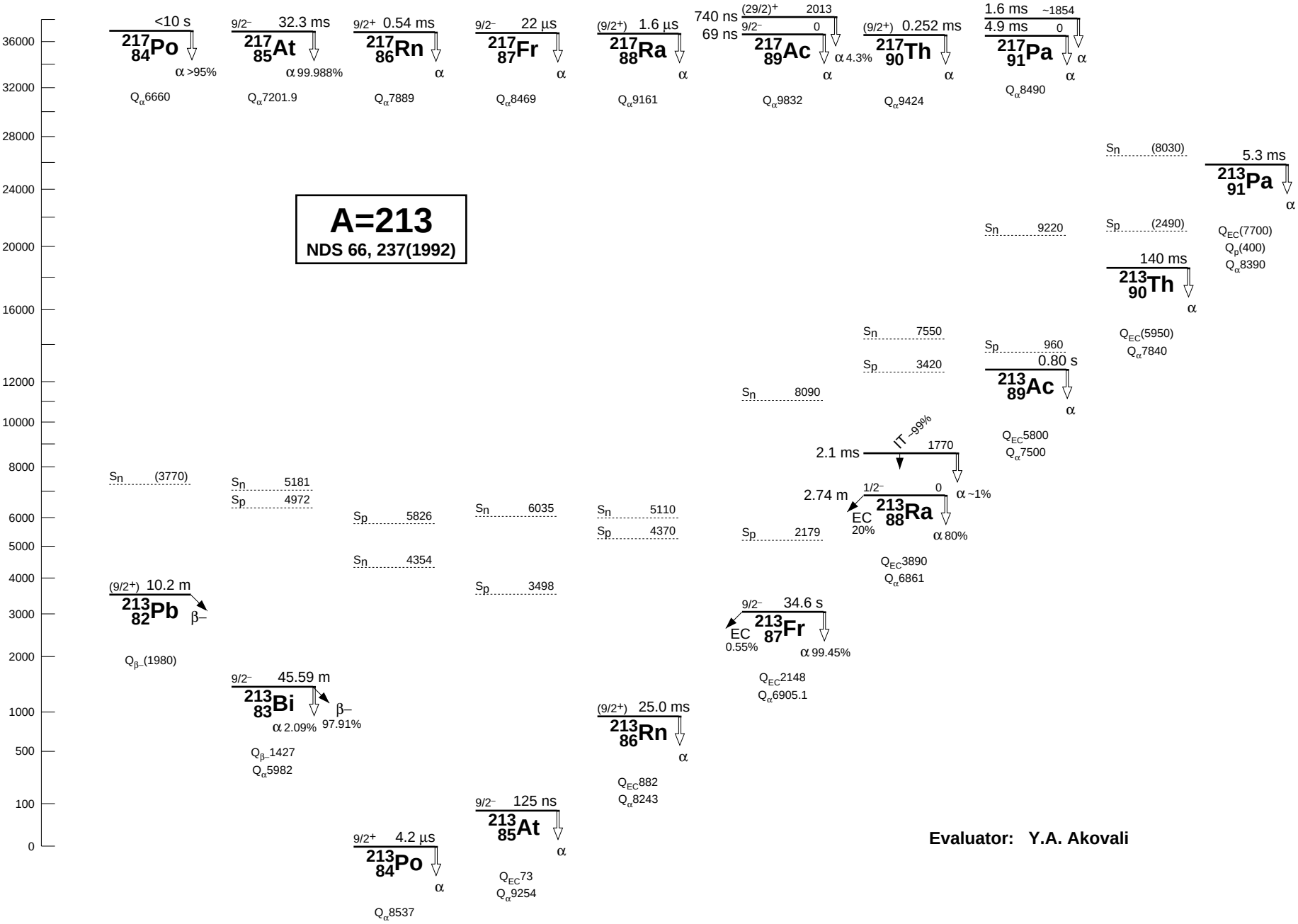
A=213
NDS 66, 237(1992)
36000
32000
28000
24000
20000
16000
12000
10000
8000
6000
5000
4000
3000
2000
1000
500
100
0
<10 s
217 84 Po
α >95%
Qα6660
9/2− 32.3 ms
217 85 At
α 99.988%
Qα7201.9
9/2+ 0.54 ms
217 86 Rn
α
Qα7889
9/2− 22 µs
217 87 Fr
α
Qα8469
(9/2+) 1.6 µs
217 88 Ra
α
Qα9161
740 ns
69 ns
(29/2)+ 2013
9/2− 0
217 89 Ac
α 4.3%
α
Qα9832
(9/2+) 0.252 ms
217 90 Th
α
Qα9424
1.6 ms ~1854
4.9 ms 0
217 91 Pa
α
α
Qα8490
Sn (8030)
5.3 ms
213 91 Pa
α
Sp (2490)
QEC(7700)
Qp(400)
Qα8390
Sn 9220
140 ms
213 90 Th
α
QEC(5950)
Qα7840
Sn 7550
Sp 960
Sp 3420
0.80 s
213 89 Ac
α
Sn 8090
QEC5800
Qα7500
IT ~99%
2.1 ms 1770
2.74 m 1/2− 0
α ~1%
EC 20%
213 88 Ra
α 80%
Sp 2179
QEC3890
Qα6861
Sn (3770)
Sn 5181
Sp 4972
Sp 5826
Sn 6035
Sn 5110
Sp 4370
Sn 4354
Sp 3498
(9/2+) 10.2 m
213 82 Pb
β−
Qβ−(1980)
9/2− 34.6 s
213 87 Fr
EC 0.55%
α 99.45%
QEC2148
Qα6905.1
9/2− 45.59 m
213 83 Bi
β− 97.91%
α 2.09%
Qβ−1427
Qα5982
(9/2+) 25.0 ms
213 86 Rn
α
QEC882
Qα8243
9/2− 125 ns
213 85 At
α
QEC73
Qα9254
9/2+ 4.2 µs
213 84 Po
α
Qα8537
Evaluator: Y.A. Akovali