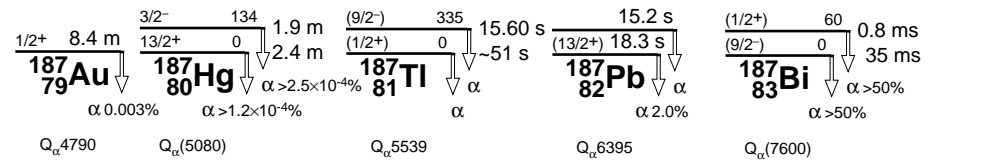


A=183
NDS 52, 715(1987)
NDS 65, 589(1992)(U)



S_n.....(5900)

Sp.....(8900)

(7/2+) 58 s
183Lu
71Lu β^-

Q _{β}(3800)

S_n.....5300 S_n.....6934.18
Sp.....6525

(3/2-) 1.067 h
183Hf
72Hf β^-

Q _{β}2010

7/2+ 5.1 d
183Ta
73Ta β^-

Q _{β}1070.0

Sp.....7221.9
S_n.....6190.7

1/2- 0
183W
74W β^- >1.1 \times 10¹⁷ y

S_n.....8430

Sp.....4852

1.04 ms (25/2)+ 1907.6
183Os
76Os

S_n.....(7210)
Sp.....(5520)

85% 1/2- 170.71
EC 9/2+ 0
183Os
76Os

Q_{EC}.....(2130)

5/2+ 0 70.0 d
183Re
75Re

11/2+ 309.493 5.2 s

Q_{EC}.....556

S_n.....(9300)

S_n.....(7600)

Sp.....(3900)

EC (7/2)- 34.50 43 s
1/2- 0 6.5 m
183Pt
78Pt α ~0.0013%

Q_{EC}.....(4600)
Q _{α}4820

5/2- 58 m
EC
183Ir
77Ir

S_n.....(9900)

p.....(1400)

0.00056% (5/2)- 42.0 s

EC
183Au
79Au

99.70% α 0.30%

EC (7/2)- 34.50 43 s
1/2- 0 6.5 m

Q_{EC}.....(5500)
Q _{α}5466

S_n.....(8200)

Sp.....(2700)

1/2- 9.4 s
EC 88.3% α 11.7%
183Hg
80Hg

Q_{EC}.....(6500)
Q _{α}6039

S_n.....(10800)

Sp.....(1400)
(1/2-) 300 ms

183Pb
82Pb α ~94%

60 ms (9/2-) ~550

Sp.....(1400)
(1/2+) 9.4 s

183Tl
81Tl

α <0.010%
Q_{EC}.....(8600)
Q _{α}7030

Q_{EC}.....(7600)
Q _{α}6220

Evaluator: R.B. Firestone