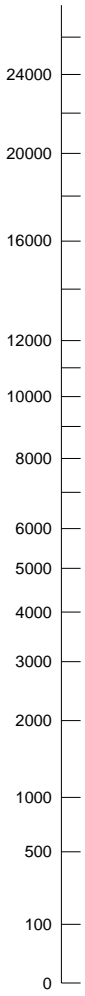


A=257
NDS 59, 605(1990)



Sn (5800)

Sp (4900)

Sp (5890)

Sn 4967

Sn 6690

Sp 3779

Sn 5670

Sp 4680

Sp (2320)

(7/2+) 4.7 s
 EC 257Rf 18%
 SF 2.4%
 α 79.6%

(9/2+) 0.646 s
 EC 257Lr
 SF
 α
 $<6.5 \times 10^{-4}\%$

Q_{EC}(3200)
 Q _{α} (9150)

Q_{EC}(2560)
 Q _{α} (9060)

(7/2+) 25 s
 EC 257No
 α ~100%

Q_{EC}1230
 Q _{α} 8450

(7/2-) 5.52 h
 EC 257Md 85%
 SF
 α 15%
 $<1\%$

Q_{EC}406
 Q _{α} 7557.6

(9/2+) 100.5 d
 EC 257Fm 0.210%
 SF
 α 99.790%

Q _{α} 6863.8

65 s
 EC 261Rf
 α >80%
 Q _{α} (8660)

1.8 s
 EC 261Ha
 α >50%
 Q _{α} (9220)

0.23 s
 EC 261Sg
 α 95%
 Q _{α} (9800)

11.8 ms
 EC 261Ns
 α 95%
 Q _{α} 10560
 S_n (8300)

S_n (6300)

S_p (1070)

S_n (7300)

S_p (3300)

1.3 s
 EC 257Ha 17%
 SF
 α 82%
 1%

Q_{EC}(4500)
 Q _{α} (9310)

Evaluator: M.R. Schmorak