



A=157
NDS 55, 71(1988)
NDS 78, 219(1996)(U)

Sn.....(3300)

¹⁵⁷₅₈Ce

Q_β-(8500)

Sp.....(11100)

Sn.....(5200)

¹⁵⁷₅₉Pr

Q_β-(7400)

Sp.....(11800)

Sn.....(4300)

¹⁵⁷₆₀Nd β⁻

Q_β-(5700)

¹⁵⁷₆₁Pm β⁻ 10.56 s (5/2⁻)

Q_β-(4500)

¹⁵⁷₆₂Sm β⁻ 482 s (3/2⁻)

Q_β-2730

¹⁵⁷₆₃Eu β⁻ 15.18 h 5/2⁺

Q_β-1363

¹⁵⁷₆₄Gd 3/2⁻

Q_{EC}60.1

¹⁵⁷₆₅Tb 3/2⁺ 71 y EC

Q_{EC}1341

¹⁵⁷₆₆Dy EC 21.6 ms 8.14 h 11/2⁻ 199.38 3/2⁻ 0

Q_{EC}2540

¹⁵⁷₆₇Ho 7/2⁻ 12.6 m EC

Q_{EC}3500

¹⁵⁷₆₈Er EC (9/2⁺) 155.4 3/2⁻ 76 ms 18.65 m 155.4 3/2⁻ 0

Q_{EC}4480

¹⁵⁷₆₉Tm 1/2⁺ 3.63 m EC

Sn.....(9490) Sp.....(5210) Sp.....1940

Sn.....10170

Q_α5096
Q_{EC}6930

¹⁵⁷₇₀Yb EC 38.6 s 7/2⁻ 99.5% α 0.5%

Sp.....8029
Sn.....6360.04

Sn.....8744

Sn.....6969
Sp.....6621

Sn.....8250
Sp.....3890

¹⁵⁷₇₁Lu EC 4.79 s 6.8 s 94% (11/2⁻) 26 (1/2⁺, 3/2⁺) 0 α 6% Q_{EC}(7500)
Q_α5880

Sn.....(10700)

¹⁵⁷₇₂Hf EC 110 ms 7/2⁻ 14% α 86%

Sn.....(9100)

¹⁵⁷₇₃Ta p 3.4% 11/2⁻ 1/2⁺ 0 1.7 ms 10.1 ms α ~95% α 96.6% Q_{EC}(9300)
Q_β(1000)
Q_α6380

¹⁶¹₇₂Hf (13/2⁺) 16.8 s α 0.29% Q_α4720

¹⁶¹₇₃Ta 2.7 s α ~5% Q_α5280

¹⁶¹₇₄W 410 ms α 82% Q_α5920

¹⁶¹₇₅Re 10 ms α ~100% Q_α6440

Sn.....(11400)

Evaluator: R.G. Helmer