^{215}Rn α decay 1970Va13

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. K. Tuli, P. Blokhin, J. Kaur, J. Y. Lee and N. Sharma	NDS 114, 661 (2013)	28-Feb-2013

Parent: ^{215}Rn: E=0.0; $J^{\pi}=9/2^{+}$; $T_{1/2}=2.30$ μs *10*; Q(α)=8839 *8*; %α decay≈100.0
^{215}Rn-%α decay: 100% (1977Ma29).
Others: 1969Ha32, 1952Me13.

^{211}Po Levels

E(level)	J^{π}†
0.0	$9/2^{+}$

† From Adopted Levels.

α radiations

Eα	E(level)	Iα‡	HF†	Comments
8674 *8*	0.0	100	≈1.6	Eα: Eα adjusted by −1 keV because of change in calibration standard (1977Ma29).

† $r_0(^{211}Po)=1.5485$ *34*; interpolated value deduced from $r_0(^{210}Po)=1.532$ *6* and $r_0(^{212}Po)=1.5649$ *8* (1998Ak04).
‡ For absolute intensity per 100 decays, multiply by ≈1.0.