^{111}I α decay 1979Sc22,1978Ro19,1977Ki11

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 109, 1383 (2008)	1-Mar-2008

Parent: ^{111}I: E=0.0; $T_{1/2}$=2.5 s *2*; Q(α)=3270 *10*; %α decay≈0.088
^{111}I-Q(α): if 3152α is g.s. to g.s.; includes screening correction (1979Sc22).
^{111}I-%α decay: estimated from systematics.
Source: ^{58}Ni(^{58}Ni,3p2n) E=290 MeV, on-line ms, in-beam semi.

^{107}Sb Levels

E(level)	Comments
≥0.0	$T_{1/2}$: undetermined activity.

α radiations

Eα	E(level)	Iα[†]	Comments
3152 *10*	≥0.0	100	Eα: from 1979Sc22. Others: 3120 *40* (1977Ki11), 3150 *30* (1978Ro19).

[†] For absolute intensity per 100 decays, multiply by ≈8.8×10^{-4}.