
 $^{150}\text{Sm}(\text{d},\text{p})$ [1973Ne16,1965Ke09](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 110, 1 (2009)	20-Nov-2008

E=12 MeV.

Other: [1963Ke12](#) (thesis by one of the authors of [1965Ke09](#)).

Engel spectrograph. FWHM=7 keV. Spectra recorded at three angles.

 ^{151}Sm Levels

E(level) [†]	E(level) [‡]	E(level) [‡]	E(level) [‡]
5 [†] 3	355 3	767 [#] 3	1210 5
66 3	≈415 [#]	832 [#] 3	1267 5
91 3	448 3	846 3	1307 5
148 3	469 3	875 3	1349 5
167 3	672 3	886 [@] 12	1397 5
174 [#] 3	702 3	954 3	1414 5
209 3	713 3	1020 5	1444 5
302 3	720 [#] 3	≈1080	1455 5
314 [#] 3	752 3	1190 5	

[†] [1965Ke09](#) incorrectly assigned this as the g.s. [1973Ne16](#) point out that <30% of the strength is due to g.s.

[‡] From [1973Ne16](#). Values from [1965Ke09](#) agree well with those from [1973Ne16](#), except that the first level is incorrectly identified as g.s.

[#] Level seen by [1973Ne16](#) only.

[@] Level seen by [1965Ke09](#) only.