

$^{150}\text{Sm}(\text{p,p}'), (\text{d,d}')$ 1990Pi14

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, A. A. Sonzogni		NDS 114, 435 (2013)	1-Apr-2013

E(p)=30.7, 60 MeV; E(d)=50.9 MeV. FWHM $\leq$ 12 in (p,p') at 30 MeV, $\approx$ 15 in (p,p') at 60 MeV and in (d,d').

^{150}Sm Levels

E(level)	$J^\pi^\dagger$	E(level)	$J^\pi^\dagger$	E(level)	$J^\pi^\dagger$	E(level)	$J^\pi^\dagger$
1071 2	3 ⁻	1954 2	3 ⁻	2482 2	3 ⁻	2903 5	3 ⁻
1163 2	1 ⁻	2160 2	1 ⁻	2627 5	5 ⁻	3050 5	3 ⁻
1357 2	5 ⁻	2230 2	5 ⁻	2665 5	5 ⁻		
1684 2	3 ⁻	2294 2	3 ⁻	2718 5	3 ⁻		

† From $\sigma(\theta)$.