

$^{146}\text{Sm}(p,t)$  1983FI05

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	A. A. Sonzogni	NDS 93, 599 (2001)	1-Dec-2000

E=25 MeV. Measured E(t), t( $\theta$ ); DWBA.

 $^{144}\text{Sm}$  Levels

<u>E(level)</u>	<u>L</u>	<u>E(level)</u>	<u>L</u>	<u>E(level)</u>	<u>L</u>	<u>E(level)</u>	<u>L</u>
0.0	0	2480 5	(4) <sup>†</sup>	3142 5	0	3542 5	(3,4)
1660 5	2	2729 5	(6)	3205 5		3579 5	(4,3)
1810 5	3	2804 5	2	3318 5	2	3661 5	(4,3)
2190 5	(2) <sup>†</sup>	2827 5	0	3375 5	3	3683 5	5
2324 5	(2) <sup>†</sup>	2887 5	(4)	3426 5	2	3708 5	(3)
2422 5	2	3020 5	2	3481 5		3741 5	(3)

<sup>†</sup> L transfers are due to two-step mechanisms.