

$^{125}\text{Te}({}^3\text{He},n)$  1979A114

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	A. Hashizume	NDS 112, 1647 (2011)	1-Oct-2009

9 meter time of flight,  $\theta=0^\circ-22^\circ$ ; liquid scin, enriched target 95.67%; DWBA.

Studied proton pairing correlation with strong L=0 transition. At large angles, the measured cross sections apparently include contributions from unresolved states populated with L>0, Compared with DWBA analysis.

$J^\pi$  of  $^{125}\text{Te}$  ground state is  $1/2^+$  (1996Ka26).

 $^{127}\text{Xe}$  Levels

<u>E(level)</u>	<u><math>J^\pi</math>†</u>	<u>L</u>
0.0	$1/2^+$	0
1840 90	$(1/2^+)$	(0)
2970 50	$(1/2^+)$	(0)

† From Adopted Levels.