

$^{122}\text{Te}({}^3\text{He},n)$ 1979A114

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. Katakura, Z. D. Wu		NDS 109, 1655 (2008)	1-Apr-2008

1979A114: E(${}^3\text{He}$)=25.4 MeV, pulse $\Gamma=1$ ns; TOF, $\theta=0^\circ-22^\circ$; enriched target 95.42%; DWBA analysis; deduced J^π , L.

 ^{124}Xe Levels

E(level)	J^π [†]	L	σ (0°) (mb/sr)	Comments
0.0	0^+	0	334	
1650 40	0^+	0	122	
2310 60	(0^+)	0+2	67	$\sigma=41$ (14°) if $jp=2^+$.
3.04×10^3 10		(0)+2		$\sigma < 43$ if $jp=0^+$, 45 (14°) if $jp=2^+$.

[†] From Adopted Levels.