

$^{183}\text{W}(^3\text{He},\alpha)$ 1973K106

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 130, 21 (2015)	15-Jul-2015

1973K106: $E(^3\text{He})=20.3$ MeV, FWHM=30 keV. Measured cross sections at 60° , broad-range magnetic spectrograph. Absolute cross section uncertainties are 20%.

 ^{182}W Levels

E(level) [†]	J^π [‡]	$d\sigma/d\Omega$ (60°) ($\mu\text{b/sr}$)
100 2	2^+	0.8
329 2	4^+	0.6
1331 3	3^+	1.1
1768 5	$(6)^-$	8
1831 6	6^-	2.1
1916 6	$(7)^-$	8
≈ 1961	6^-	7
2131 7	(7^-)	≈ 6

[†] From $^{182}\text{W}(d,t)$ (1973K106).

[‡] From Adopted Levels.