

$^{32}\text{S}(^{16}\text{O}, ^{12}\text{C})$ [1984Be06](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Ninel Nica, John Cameron and Balraj Singh		NDS 113, 1 (2012)	31-Dec-2011

[1984Be06](#): E=45.5 MeV; measured $d\sigma/d\Omega$, DWBA analysis.

Others: [1973Br25](#), E=30 MeV, [1974We08](#) E=45 MeV.

 ^{36}Ar Levels

Shown In comments are the maximum values of $d\sigma/d\Omega(\mu\text{b/sr})$ At $\theta=10^\circ$ (for 0^+ states maximum values from the second maximum are shown).

E(level)	J^π [†]	Comments
0		$d\sigma/d\Omega=710$.
1970		$d\sigma/d\Omega=540$.
4180		$d\sigma/d\Omega=1100$.
4330	(0^+)	$d\sigma/d\Omega=1070$.
4410		
4440		
4950		$d\sigma/d\Omega=3400$.
5170		$d\sigma/d\Omega=300$.
5190	(0^+)	$d\sigma/d\Omega=250$.
5840		$d\sigma/d\Omega=260$ for 5840+5860 doublet.
5860		
6140	(4^+)	$d\sigma/d\Omega=1050$.
6220		
6840		
6870		$d\sigma/d\Omega=400$.
7430		
7670		
7750		
7880		
8230		

[†] From angular distributions and DWBA analysis of [1984Be06](#). Only the J^π values resulted from this work are shown.