

$^{32}\text{S}(\alpha, ^2\text{He})$  **1978Ja10**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Ninel Nica, Balraj Singh		NDS 113, 1563 (2012)	28-May-2012

$^{32}\text{S}(\alpha, ^2\text{He})$  reaction ejects two protons (unbound  $^2\text{He}$ ).

**1978Ja10**: E=65, Sb<sub>2</sub>S<sub>3</sub> 95%- $^{32}\text{S}$  target, system of  $\Delta\text{E}$ -E telescopes.

 $^{34}\text{S}$  Levels

<u>E(level)</u>	<u><math>J^\pi</math><sup>†</sup></u>
0.0	0 <sup>+</sup>
4620	(3 <sup>-</sup> )
5690	(5 <sup>-</sup> )
7240	
8450	(6 <sup>+</sup> )
10700	(6 <sup>+</sup> )

<sup>†</sup> ADOPTED by **1978Ja10** (which consider their  $J^\pi$  values highly probable) based on angular distribution.