

$^{32}\text{S}(\text{e},\text{e}'\text{p})$ 1992We08

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh		NDS 184, 29 (2022)	24-Jun-2022

1992We08: E=330, 454 MeV electrons from the NIKHEF-K medium energy accelerator. Li_2S targets. Momentum distributions measured to give the r.m.s. radius parameter. Measured ep coincidences. Complete distorted wave impulse approximation (DWIA). See also 2000La17.

 ^{31}P Levels

E(level) [†]	L [‡]	S [‡]	Comments
0		0.79 [@] 7	
1266	2	0.52 5	S: assumes $1d_{3/2}$ configuration.
2234	2	1.56 [#] 14	
3295	2	0.38 [#] 4	
4191	2	0.76 [#] 7	
4783		0.31 [#] 3	
5257	0	0.10 [@] 1	
5773	0+2		S: 0.031 9 for $d_{5/2}$ and 0.027 5 for $s_{1/2}$.
6337	0	0.10 [@] 1	

[†] From 1992We08.

[‡] From DWIA analysis of measured $\sigma(\theta)$ (1992We08).

[#] Assuming $1d_{5/2}$ configuration.

[@] Assuming $2s_{1/2}$ configuration.