^{31}P(p,n) 1965We05

History

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

$J^{\pi}(^{31}\text{P g.s.})=1/2^{+}$.

1965We05: E=9.75, 10.3, 13 MeV protons from Lawrence Livermore cyclotron. Measured time of flight and neutron spectra using plastic scintillators.

Others: 1975Ca18 (E=22.8 MeV; g.s. only), 1966Ha13 (E-6.6-7.5 MeV; g.s. only).

^{31}S Levels

E(level)[†]	Comments
0	
1210 *30*	
2210 *30*	
3060 *30*	
3320 *40*	E(level): triplet or possibly a quadruplet (1965We05).
3430 *40*	

[†] From 1965We05.