

${}^{19}\text{F}(\alpha, {}^2\text{He})$  1997Vo07

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	R. B. Firestone	NDS 127, 1 (2015)	15-Jan-2015

1997Vo07:  ${}^{19}\text{F}(\alpha, {}^2\text{He})$   $E(\alpha)=55$  MeV. Detected coincidence breakup protons with  $\Delta E$ -E telescope. Measured angular distribution. DWBA analysis.

 ${}^{21}\text{F}$  Levels

E(level)	$J^\pi$	L	Comments
0			
300	$1/2^+$	0	
1770		4+2	$J^\pi$ : Doublet assigned $(7/2, 9/2)^+$ and $(3/2, 5/2)^+$ .
3600	$(3/2, 5/2)^+$	2	
5580	$(7/2, 9/2)^+$	4	
6590	$(3/2, 5/2)^+$	2	
8090	$(3/2, 5/2)^+$	2	
8820	$(3/2, 5/2)^+$	2	