

$^{54}\text{Cr}(\text{p,d})$  1967Wh02

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Huo Junde	NDS 110,2689 (2009)	31-Mar-2007

E=17.5 MeV, FWHM=55-70 keV,  $\sigma(E,\theta)$ , DWBA analysis.

 $^{53}\text{Cr}$  Levels

E(level)	$J^\pi$ <sup>†</sup>	L	S	Comments
0	$3/2^-$	1	0.83	
563 20	$1/2^-$	1	0.31	
1001 20	$5/2^-$	3	0.51	
1284 20	$7/2^-$	3	0.70	
1532 20	$7/2^-$	3	3.2	
1967 20	$5/2^-$		<0.08	S: <0.06 for $J^\pi=7/2^-$ .
2319 20	$3/2^-$		<0.02	
2654 20	$5/2^-$		<0.08	
2706 20	$1/2^-$		<0.012	
3339 20	$7/2^-$	3	1.2	
3422 20	$(7/2)^-$	3	0.30	
3590 20	$1/2^-$	1	0.12 3	
4410 20	$1/2^+$	0	1.40	
4680 20	$(3/2)^+$	2	0.85	

<sup>†</sup> Values assumed for calculation of S.