

$^{54}\text{Cr}(\text{pol d,p})$  1980Ta05

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Huo Junde	NDS 109, 787 (2008)	30-Apr-2007

E=10 MeV, enriched target (90.60%); vector and tensor polarized deuteron; Si(Li) counters, the resolution varied from 30 to 50 keV for 15-MeV protons; measured analyzing powers and  $\sigma(\theta)$  ( $25^\circ$ – $80^\circ$  in  $5^\circ$  steps); DWBA analyses.

 $^{55}\text{Cr}$  Levels

<u>E(level)</u>	<u><math>J^\pi</math></u>	<u>L</u>	<u><math>S^\dagger</math></u>	<u>E(level)</u>	<u><math>J^\pi</math></u>	<u>L</u>	<u><math>S^\dagger</math></u>	<u>E(level)</u>	<u><math>J^\pi</math></u>	<u>L</u>	<u><math>S^\dagger</math></u>
0.0	$3/2^-$	1	2.3 6	879	$5/2^-$	3	0.86 22	2080	$3/2^-$	1	0.46 12
242	$1/2^-$	1	0.32 8	1213	$5/2^-$	3	0.30 7	2895	$1/2^-$	1	0.37 9
518	$5/2^-$	3	1.2 3	1470	$1/2^-$	1	1.3 3	3145	$5/2^-$	3	0.75 19
566	$3/2^-$	1	0.40 10	2008	$5/2^+$	2	1.0 2				

$^\dagger S'$ ;  $\Delta S'(\text{rel}) \approx 25\%$ .