

$^{50}\text{Cr}(t,p)$ 1968Ch20,1971Ca19

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 128, 185 (2015)	10-Jul-2015

1968Ch20: E=12.15 MeV, $\sigma(\theta, E(p))$, multi-angle magnetic spectrograph.

1971Ca19: E=13 MeV, $\sigma(\theta)$, a solid-state counter telescope.

All data are from 1968Ch20, except as noted.

 ^{52}Cr Levels

E(level)	L^{\ddagger}	$d\sigma/d\Omega^{\#}$	E(level)	L^{\ddagger}	$d\sigma/d\Omega^{\#}$	E(level)	L^{\ddagger}	$d\sigma/d\Omega^{\#}$
0.0	0	550	3957 20		4	5755 15	0	82
1442 20	2	7	4572 20	(3,4)	11	5869 20	(2)	8
2660 [†] 10	0	646	4745 [†] 10	0	150	5973 15	(2)	49
2974 20		6	5423 15	(2)	97	6028 20		22
3175 15	2	117	5443 20		14	6069 20		12
3781 20	2	15	5600 15	0	43	6154 20	2	44

[†] From 1971Ca19.

[‡] Deduced by 1968Ch20 by comparison of $\sigma(\theta)$ with those for states of known J^{π} in ^{52}Cr , ^{54}Cr , ^{56}Cr .

[#] arbitrary units.