

$^{52}\text{Cr}(n,n')$ 1965St16,1973HoYG,1974KiZY

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

1965St16: E=14 MeV, tof, $\sigma(E(n),\theta)$, plastic scintillation detector.

1973HoYG: E=3.2 MeV, tof, $\sigma(\theta)$.

1974KiZY: E=6.44-8.56 MeV, tof, $\sigma(\theta)$, liquid scintillation detector.

1997Sm01: E=4.5-10 MeV, $\sigma(\theta)$, tof method and ten-angle detection system.

 ^{52}Cr Levels

E(level) [†]	L [‡]	β_L	Comments
1434	2	0.21 2	β_L : 1973HoYG found $\beta_2=0.16$ from DWBA and Hauser-Feshbach analysis of low-energy scattering.
2370 [#]			
4.2×10^3	3	0.18 3	E(level),L, β_L : From 1965St16.

[†] From Adopted Levels.

[‡] From known J^π .

[#] Seen only by 1974KiZY.