

$^{34}\text{S}(\text{n},\text{n}),(\text{n},\text{n}')$

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Ninel Nica, Balraj Singh		NDS 113, 1563 (2012)	28-May-2012

[1985A103](#): $^{34}\text{S}(\text{n},\text{n}),(\text{n},\text{n}')$ E=21.7 MeV, target of 93.6%-enriched ^{34}S . Probably used same experimental device As that described by [1986A121](#) (FWHM=400 keV). Measured angular distributions and coupled channels calculations (code ECIS).

[1986A121](#): $^{34}\text{S}(\text{n},\text{n}),(\text{n},\text{n}')$ E=21.7, 25.5 MeV, target of 94.5%-enriched ^{34}S . Used seven-fold array of liquid scintillator detectors (FWHM=450 keV). Measured angular distributions and coupled channels calculations (code ECIS).

 ^{34}S Levels

<u>E(level)[†]</u>	<u>J^π</u>
0.0	0 ⁺
2127	2 [‡]
3303	2 [‡]
4114	2 [‡]
4623	3 [#]
4688	4 [#]

[†] From [1985A103](#) – $^{34}\text{S}(\text{p},\text{p}')$ reaction (see respective dataset).

[‡] From [1985A103](#) and [1986A121](#).

[#] From [1986A121](#).