

$^{160}\text{Gd}(^{36}\text{S},\text{X}\gamma)$ 1994Fo04

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

1994Fo04 (also 1997Fo01): $E(^{36}\text{S})=159$ MeV. Measured E_γ , $\gamma\gamma$ using 12 Compton-suppressed Ge detectors and 50-detector BGO ball. Three γ rays were seen in cascade 125-929-3326 cascade in coin with complementary γ rays from ^{162}Dy nuclide.

 ^{34}Si Levels

E(level)	J^π
0	0^+
3326	2^+
4255	3^-
4380	$(4,5)^-$

 $\gamma(^{34}\text{Si})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
125	4380	$(4,5)^-$	4255	3^-
929	4255	3^-	3326	2^+
3326	3326	2^+	0	0^+

 $^{160}\text{Gd}(^{36}\text{S},\text{X}\gamma)$ 1994Fo04Level Scheme