

${}^{238}\text{U}({}^{64}\text{Ni},\text{X}\gamma)$ 2006Ma11

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|-----------------------|---------|----------------------|------------------------|
| Full Evaluation | E. Browne, J. K. Tuli | | NDS 114, 1849 (2013) | 31-Dec-2012 |

Additional information 1.

Includes conference reports from [2005Ga56](#) and [2005Ga44](#).

E=400 MeV. Projectile-like nuclei following multi-nucleon transfers were detected with PRISMA magnetic spectrometer. The gamma rays were measured using CLARA array of 25 EUROBALL Clover Ge detectors. Coincidences were measured between gamma rays and Cr isotopes.

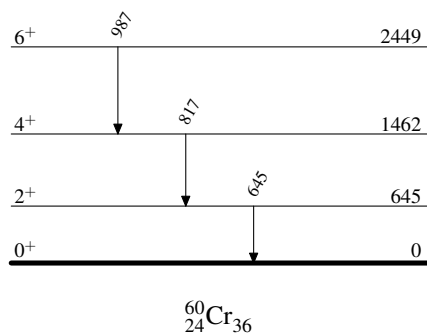
 ${}^{60}\text{Cr}$ Levels

| E(level) | J^π |
|-------------------|----------------|
| 0 [†] | 0 ⁺ |
| 645 [†] | 2 ⁺ |
| 1462 [†] | 4 ⁺ |
| 2449 [†] | 6 ⁺ |

[†] Band(A): g.s. band.

 $\gamma({}^{60}\text{Cr})$

| E_γ | $E_i(\text{level})$ | J_i^π | E_f | J_f^π |
|------------|---------------------|----------------|-------|----------------|
| 645 | 645 | 2 ⁺ | 0 | 0 ⁺ |
| 817 | 1462 | 4 ⁺ | 645 | 2 ⁺ |
| 987 | 2449 | 6 ⁺ | 1462 | 4 ⁺ |

 ${}^{238}\text{U}({}^{64}\text{Ni}, \text{X}\gamma)$ 2006Ma11Level Scheme

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