

$^{112}\text{Cd}(t,p)$  1988Hu09

| Type            | Author       | History Citation    | Literature Cutoff Date |
|-----------------|--------------|---------------------|------------------------|
| Full Evaluation | Jean Blachot | NDS 113, 515 (2012) | 1-Jan-2012             |

$E(t)=15$  MeV, FWHM $\approx$ 22 keV.

Enriched  $^{112}\text{Cd}$  98%. Protons detected with nuclear emulsions. Data were collected in  $7.5^\circ$  steps starting at  $3.75^\circ$ . DWBA analysis.

 $^{114}\text{Cd}$  Levels

| E(level) | L   | E(level) | L     | E(level) | L       | E(level) | L     |
|----------|-----|----------|-------|----------|---------|----------|-------|
| 0.0      | 0   | 1784 5   | (2)   | 2537 3   | 0+2+5,6 | 3142 6   | (6+0) |
| 561 3    | 2   | 1854 3   | 0     | 2657 4   | 2       | 3254 6   | (5+0) |
| 1137 3   | 0   | 1959 3   | 3(+4) | 2746 4   | 2(+3)   | 3343 9   | (4)   |
| 1211 3   | 2   | 2046 3   | 2     | 2831 5   | (4)     | 3460 6   | 1,(2) |
| 1292 3   | 0+2 | 2219 3   | 2     | 2869 4   | 4(+2)   | 3566 6   | (4,1) |
| 1368 3   | 2   | 2301 4   | (5)   | 2934 5   | 4       | 3604 7   | (0)   |
| 1736 5   | (2) | 2390 3   | 4(+0) | 3053 5   | 0       |          |       |