

$^{104}\text{Ru}(t,p)$ 1972Ca10,1970Ca08

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|----------------------------|---------|---------------------|------------------------|
| Full Evaluation | D. De Frenne and A. Negret | | NDS 109, 943 (2008) | 1-May-2007 |

E=15 MeV.

Magnetic spectrograph resolution: FWHM \approx 15 keV.

Q(t,p)=5892 20 (1972Ca10), 5894 7 (2003Au03).

 ^{106}Ru Levels

| E(level) | L † | E(level) | L † | E(level) | L † | E(level) | L † |
|----------|--------------|----------|--------------|---------------------|--------------|---------------------|--------------|
| 0.0 | 0 | 989 5 | 0 | 2151 8 | | 2639 10 | (0) |
| 270 3 | 2 | 1772 10 | (2) | 2367 5 | (4) | 2771 5 | (2) |
| 711 5 | (4) | 1888 5 | (2) | 2467 ‡ 10 | | 2876 ‡ 10 | |
| 791 5 | 2 | 1906 5 | | 2571 10 | | 2931 ‡ 10 | |

† Deduced from angular distributions ($\theta=12$ -60 deg) at 7 angles compared with DWBA calc.

‡ Possible doublet.