

$^{244}\text{Pu}(\text{p,t})$

| <u>Type</u> | <u>Author</u> | <u>History</u> | <u>Citation</u> | <u>Literature Cutoff Date</u> |
|-----------------|------------------------------|----------------|---------------------|-------------------------------|
| Full Evaluation | M. J. Martin, C. D. Nesaraja | | NDS 186, 261 (2022) | 31-Dec-2021 |

[1970Ma29](#): E=17 MeV. The data are also reported in [1972Ma15](#).
See [1972Va20](#) for calculated (p,t) strength to low-lying 0^+ states.

 ^{242}Pu Levels

| <u>E(level)</u> | <u>J^π[†]</u> | <u>L</u> |
|-----------------|---------------------------------------|----------|
| 0 | 0^+ | |
| 45 5 | 2^+ | |
| 146 5 | 4^+ | |
| 956 5 | 0^+ | 0 |
| 995 5 | (2^+) | |
| 1107 5 | 2^+ | |

[†] From Adopted Levels except L=0 for the 956 level based on the characteristic minimum at $\approx 35^\circ$ in $\sigma(\theta)$, and $J^\pi=2^+$ for the 995 level based on it being ≈ 40 keV above the 956 level, a spacing suggesting a band sequence.