

^{147}Eu α decay **1962Si14,1964To04**

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|-----------------------|---------|---------------------|------------------------|
| Full Evaluation | E. Browne, J. K. Tuli | | NDS 113, 715 (2012) | 31-May-2011 |

Parent: ^{147}Eu : E=0.0; $J^\pi=5/2^+$; $T_{1/2}=24.1$ d 6; $Q(\alpha)=2991$ 3; % α decay=0.0022 6
 Measured: E(α).

 ^{143}Pm Levels

| E(level) | J^π |
|----------|---------|
| 0.0 | $5/2^+$ |

 α radiations

| E_α | E(level) | I_α^\dagger | HF | Comments |
|------------|----------|--------------------|-----|---|
| 2908 5 | 0.0 | 100 | 0.6 | HF: $r_0=1.57$. E_α : from 1967Go32. Others: 2910 10 (1962Si14), 2890 20 (1964To04). |

† For absolute intensity per 100 decays, multiply by 0.000022 6.