

²³⁶Pu₁₄₂

S_n: 7357.21, S_p: 5433.219

Nuclear Bands

- A GS band
- B Fission isomer (1969La14,1971Br39,1974MeYP,1977Me08)

Levels and γ -ray branchings:

- A **0**, 0⁺, 2.8588 y, % α =100, %SF=1.36x10⁻⁷₄
- A **44.63**₁₀, 2⁺, γ_0 **44.63**₁₀(100) E2
- A **147.45**₁₀, 4⁺, $\gamma_{44.63}$ **102.82**₂(100)
- A **305.80**₁₁, 6⁺, $\gamma_{147.45}$ **158.35**₂(100) E2
- A **515.7**₂, 8⁺, $\gamma_{305.80}$ **209.9**₂(100) E2
- A **773.5**₃, 10⁺, $\gamma_{515.7}$ **257.8**₂(100)
- A **1074.3**₄, 12⁺, $\gamma_{773.5}$ **300.8**₂(100)
- A **1413.6**₄, 14⁺, $\gamma_{1074.3}$ **339.3**₂(100)
- A **1786.0**₅, 16⁺, $\gamma_{1413.6}$ **372.4**₃(100)
- B \approx **3000**, (0⁺), 37₄ ps, %SF \leq 100
- B **4.0x10³**₂ 34₈ ns, %SF \leq 100

