$^{243}_{96}$Cm

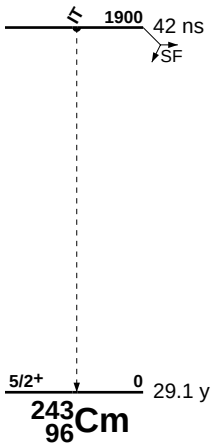
Δ: 57177.2 *22* **S_n:** 5693.3 *10* **S_p:** 5575.8 *12*
Q_{EC}: 8.9 *14* **Q_α:** 6168.8 *10*
σ_{abs}: 747 *23* b , **σ_f^0:** 617 *20* b , **σ_γ^0:** 130 *10* b

Nuclear Bands

A 5/2[622]
B 1/2[631]
C 7/2[624]
D 1/2[501]
E Fission isomer

Levels and γ-ray branchings:

A **0**, 5/2$^+$, 29.1 *1* y, %α=99.71 *3*,
%EC=0.29 *3*, %SF=5.3×10^{-9} *9*, μ=0.41
A **42** *2*, 7/2$^+$
B **87.4** *1*, 1/2$^+$, 1.08 *3* μs **γ_0** ***87.4*** *1* (†$_\gamma$100)
E2
A **94** *2*, 9/2$^+$
B **94** *2*, (3/2$^+$)
C **128** *4*, (7/2$^+$)
153 *2*
164 *2*
C **187** *9*, (9/2$^+$)
219 *3*
228 *3*
B **260** *2*, (9/2$^+$)
530 *3*
D **729** *2*, (1/2$^-$)
769 *2*
798 *2*
842 *2*
860 *4* (?)
892 *2*
904 *3*
930 *4*
973 *2*
1015 *3*
1023 *2*
1046 *4*
1136 *2*
1217 *3*
1222 *4*
1359 *3*
1367 *4*
E **1900** *300*, 42 *6* ns, %SF≤100


1/2+
1900
42 ns
SF
5/2+
0
29.1 y
243
96
Cm