⁹Be(
238
U,F γ) **2019Zh49**

History

Type Author Citation Literature Cutoff Date
Full Evaluation E. A. Mccutchan ENSDF 2-Jun-2021

2019Zh49: E=345 MeV/nucleon 238 U beam produced at Radioactive Isotope Beam Factory (RIBF), RIKEN. Fission fragments separated using the in-flight separator BigRIPS and identified using Δ E-tof-B ρ method. Fragments implanted into WAS3ABi consisting of two double-sided Si-strip detectors. Measured E γ , I γ , γ (t) using the EURICA γ -ray spectrometer, consisting of 12 Cluster-type detectors.

¹⁶⁹Dy Levels

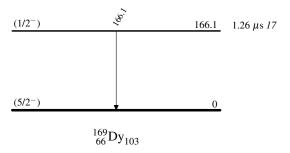
E(level)[†]
$$J^{\pi \ddagger}$$
 $T_{1/2}$ Comments
0 $(5/2^-)$
166.1 3 $(1/2^-)$ 1.26 μ s 17 %IT=100
 $T_{1/2}$: from 166.1 γ (t) (2019Zh49).

$\gamma(^{169}\mathrm{Dy})$

 E_{γ} E_{i} (level) E_{i} E_{f} E_{f

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Level Scheme



[†] From Eγ.

[‡] As proposed by 2019Zh49 based on systematics.