

^{101m}Rh(4.3 day) Decay Scheme **GAMMA-RAY ENERGIES AND INTENSITIES** 4.3 day Nuclide: 101mRh Half Life: 4.34(1) day Detector: 2.5 cm² x 8 mm Ge (Li) Method of Production: $103Rh(\gamma,n)$ 9/2+ 157.32 E_{γ} (keV) I_{γ} (%) σE_{ν} I_{γ} (rel) σI_{γ} S 0.009 0.637 127.226 0.74 0.022 2 IT=7.20% 157.41 0.04 0.31 0.241 0.009 4 179.636 0.015 0.532 0.67 0.017 3 0.05 0.24 0.005 4 184.11 0.156 233.74 0.04 1/2-0.20 0.177 0.004 Q=542 238.27 0.04 0.24 0.202 0.005 3.3 yr. 0.005 EC=92.80% 306.857 100 81 311.40 0.03 4 0.0141 0.0008 417.86 0.004 0.05 4 0.3 545.117 0.007 5.3 4.3 E_{γ} , σE_{γ} , I_{γ} , σI_{γ} - 1998 ENSDF Data 4.8% 545.12 7/2+**4-233** 238 311.38 306.86 83% 5/2+,3/2+ 7/2 +184 3/2+127.23 311 5/2+ 0 ¹⁰¹₄₄Ru





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