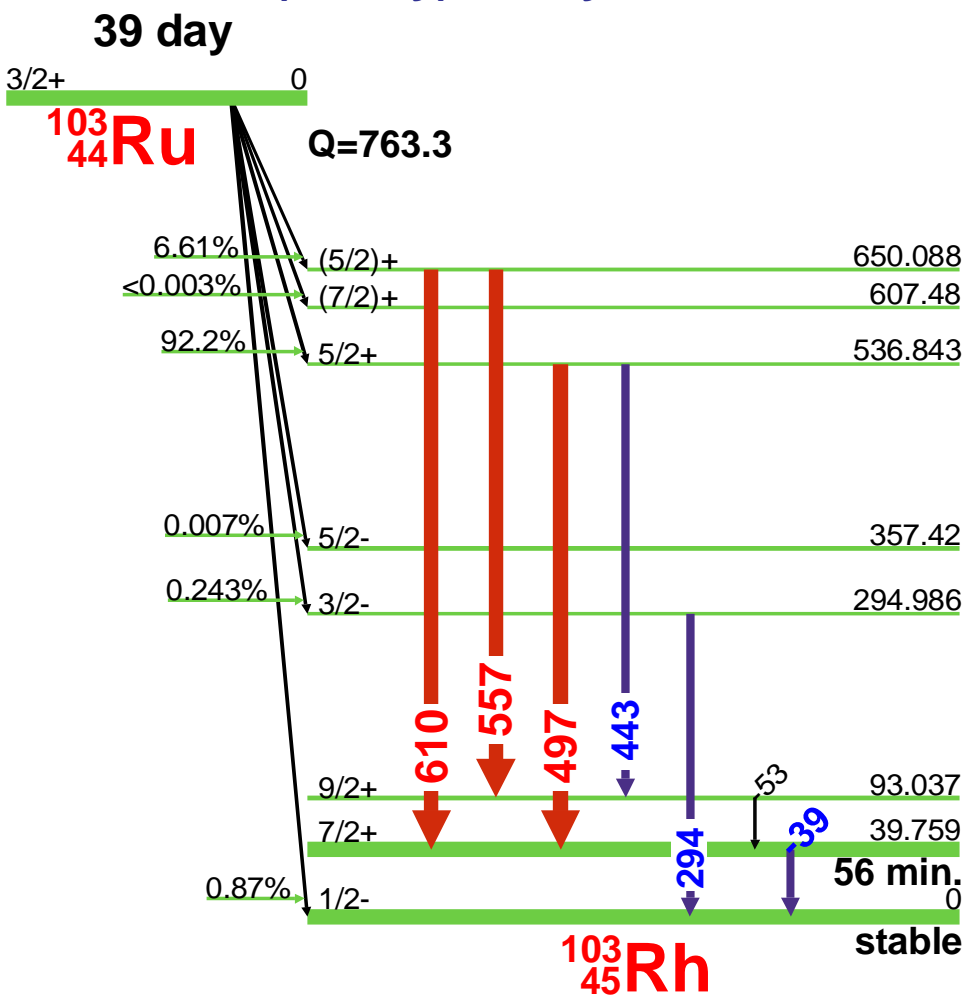


¹⁰³Ru(39 day) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁰³Ru
Half Life: 39.26(2) day
Detector: 65 cm³ coaxial Ge (Li)
Method of Production: ¹⁰²Ru(n, γ)

E _{γ} (keV)	σ E _{γ}	I _{γ} (rel)	I _{γ} (%)	σ I _{γ}	S
39.760	0.010	0.060	0.0692	0.0011	4
42.63	0.04		0.0052	0.0005	4
53.275	0.010	0.41	0.443	0.011	4
62.41	0.03		0.0004		4
113.25	0.07		0.0035	0.0007	4
114.970	0.020		0.0074	0.0005	4
241.88	0.05		0.0180	0.0013	4
292.70	0.20		0.0057	0.0003	4
294.980	0.020	0.31	0.3030	0.0051	4
317.72	0.05				4
317.77	0.22		0.019	0.009	4
357.39	0.14		0.0094	0.0006	4
443.800	0.020	0.40	0.345	0.004	3
497.084	0.006	100	91.0	1.2	1
514.60	0.15		0.0114	0.0015	4
557.040	0.020	0.87	0.868	0.012	1
567.87	0.13		0.0028	0.0001	4
610.330	0.020	7.4	5.76	0.06	1
612.02	0.03		0.1074	0.0029	4
651.8	0.4		0.0069	0.0023	4

E _{γ} , σ E _{γ} , I _{γ} , σ I _{γ} - 1998 ENSDF Data