



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: <sup>102m</sup>Rh
 Half Life: 2.9 yr.
 Detector: 2.5 cm<sup>2</sup> x 8 mm Ge (Li)
 Method of Production: <sup>102</sup>Ru (p,n)

E <sub>γ</sub> (keV)	σ E <sub>γ</sub>	I <sub>γ</sub> (rel)	I <sub>γ</sub> (%)	σ I <sub>γ</sub>	S
75.6	0.5		0.21	0.09	4
345.89	0.12	0.92	0.87	0.10	4
415.25	0.15	2.2	2.1	0.3	4
418.52	0.18	9.9	9.4	1.0	3
420.40	0.20	3.4	3.2	0.3	4
475.06	0.04	100	95.0	4.0	1
628.05	0.05	8.7	8.3	0.4	3
631.29	0.05	59.0	56.0	2.0	1
692.40	0.20	1.7	1.6	0.2	4
695.6	0.3	3.1	2.9	0.4	3
697.49	0.08	46.0	44.0	2.0	1
766.84	0.06	36.0	34.0	2.0	1
1046.59	0.07	36.0	34.0	2.0	1
1103.16	0.06	4.8	4.6	0.3	1
1112.84	0.07	20.0	19.0	1.0	1
1323.6	0.5	0.48	0.46	0.08	2

E<sub>γ</sub>, σE<sub>γ</sub>, I<sub>γ</sub>, σI<sub>γ</sub> - 1998 ENSDF Data

