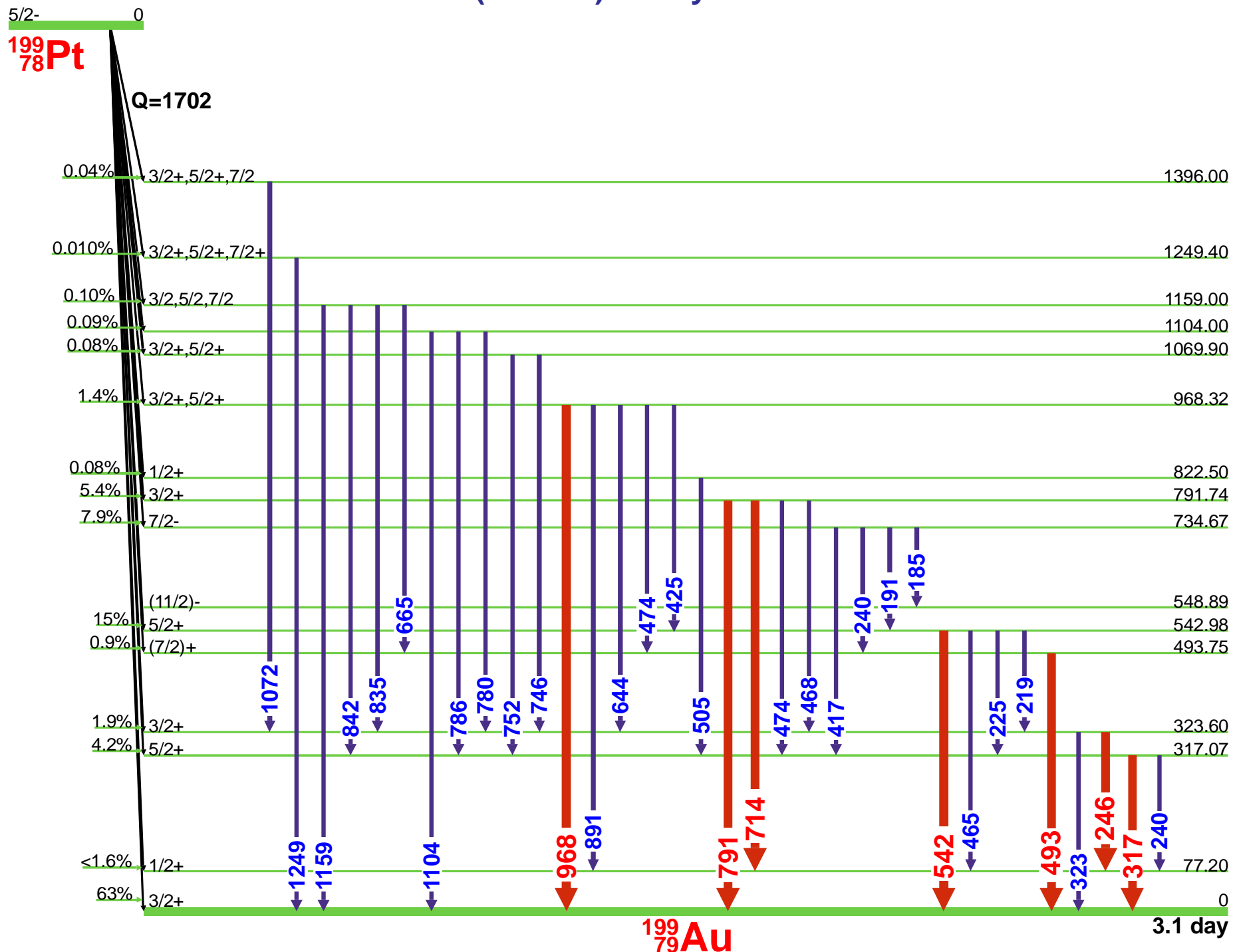


30 min.

 $^{199}\text{Pt}(30 \text{ min.})$ Decay Scheme

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹⁹⁹Pt

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

Half Life: 30.80(21) min.

Detector: 2.5cm² x 8 mm Ge (Li)

Method of Production: ¹⁹⁸Pt(n,γ)

	E _γ (keV)	σE _γ	I _γ (rel)	I _γ (%)	σI _γ	S		E _γ (keV)	σE _γ	I _γ (rel)	I _γ (%)	σI _γ	S
	55.15	0.05				4		542.98	0.04	100.	14.7	2.5	1
	77.20	0.03		1.5	0.4	4		609.8	0.6		0.015	0.006	4
	170.6	1.0		0.022	0.012	4		644.63	0.07	0.60	0.084	0.016	3
	176.2	1.0		0.028	0.015	4		649.8	1.5		0.010	0.005	4
	185.80	0.03	22.0	3.3	0.6	2		665.00	0.10	0.41	0.053	0.012	4
	191.69	0.03	16.1	2.3	0.4	2		714.55	0.04	12.65	1.8	0.3	1
	219.36	0.04	2.62	0.39	0.07	3		746.40	0.20	0.26	0.025	0.008	4
	225.36	0.04	1.04	0.156	0.028	4		752.90	0.20	0.30	0.043	0.009	4
D	240.01	0.06	1.22	0.18	0.03	4		780.5	0.3	0.25	0.024	0.008	4
	240.9	1.0		0.059	0.010			786.80	0.20	0.23	0.026	0.010	4
	246.46	0.03	14.60	2.2	0.4	1		791.74	0.04	7.24	1.07	0.19	1
	298.2	0.3		0.048	0.020	4		835.50	0.10	0.14	0.021	0.005	4
	317.03	0.04	32.9	5.0	0.9	1		842.40	0.20	0.13	0.018	0.005	4
	323.60	0.06	1.68	0.32	0.08	4		891.30	0.15	0.16	0.025	0.005	4
	417.61	0.05	2.64	0.38	0.07	3		902.0	0.6		0.010	0.003	4
	425.34	0.07	1.18	0.143	0.027	4		968.32	0.05	7.36	1.07	0.19	1
	465.76	0.05	6.30	0.91	0.16	2		992.3	0.7		0.013	0.006	4
	468.09	0.05	6.70	1.00	0.18	2		1072.70	0.20	0.12	0.022	0.005	3
D	474.68	0.35	7.80			2		1077.0	1.4		0.009	0.003	4
	474.68	0.04		1.15	0.20			1104.00	0.20	0.17	0.026	0.006	3
	493.75	0.03	38.67	5.6	1.0	1		1159.2	0.5	0.05	0.0088	0.0025	4
	505.5	0.3		0.084	0.022	4		1249.4	0.3	0.06	0.0103	0.0027	4

