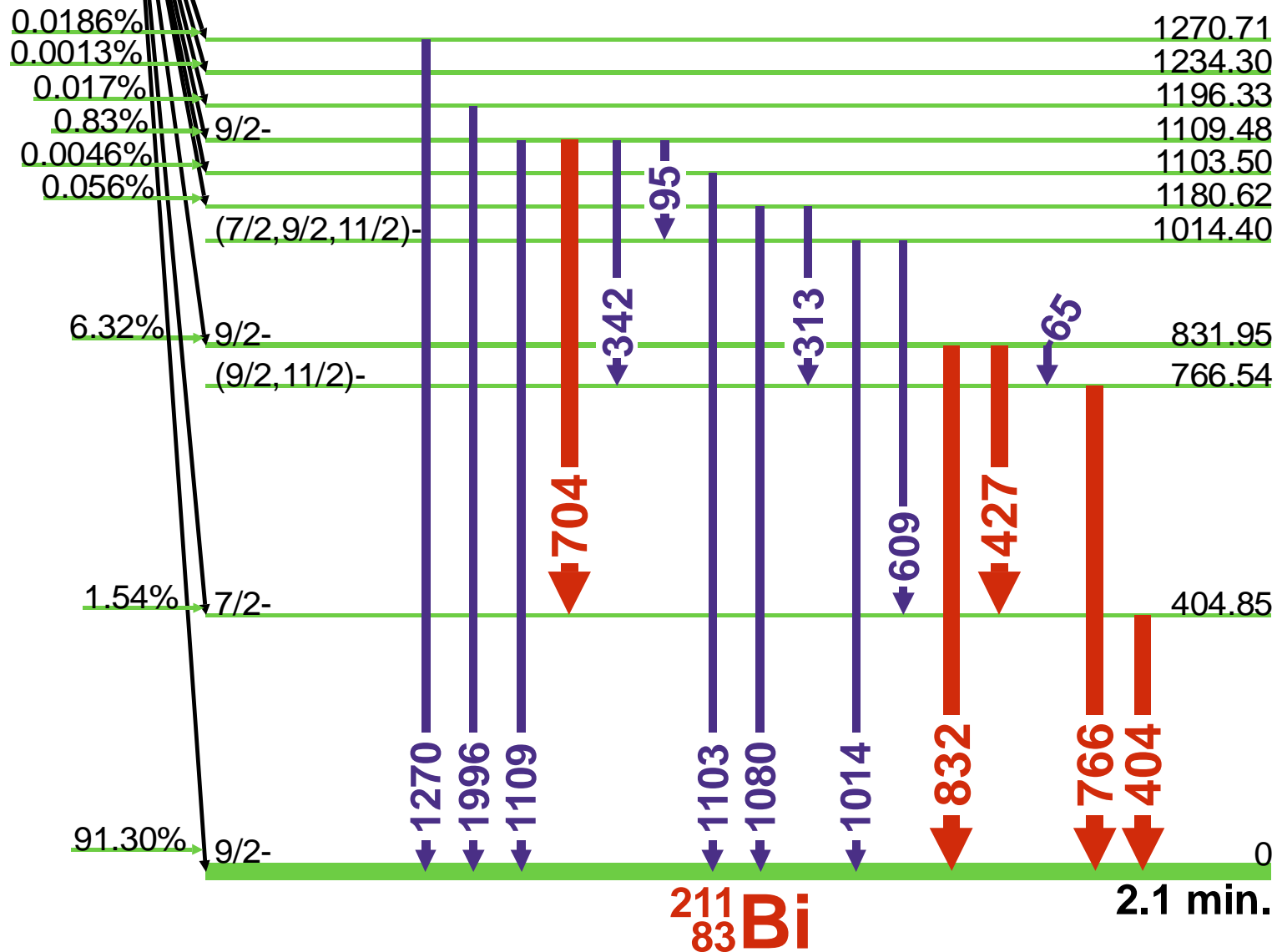


36 min.

 ^{211}Pb (36 min.) Decay Scheme $9/2^+$ 0 $^{211}_{82}\text{Pb}$

Q=1373



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ²¹¹Pb

Detector: 35 cm³ coaxial Ge (Li)

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

NOTE: I_γ(rel) values are relative to 100 for the 351-keV line from the ²¹¹Bi daughter

Half Life: 36.1(2) min.

Method of Production: ²³⁵U chem.

	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
D	65.420	0.014		0.078	0.005	4		500.4	0.5		0.0116	0.0026	4
	81.00	0.20		0.045	0.012	4		502.00	0.20		0.0036	0.0008	4
	83.80	0.10		0.058	0.009	4		504.12	0.12		0.0058	0.0008	4
	88.20	0.20		0.017	0.004	4		546.0					4
	94.3	0.3		0.0116	0.0026	4		609.38	0.04	0.24	0.043	0.006	3
	95.00	0.20		0.0181	0.0026	4		676.69	0.07		0.013	0.004	4
	97.30	0.20		0.0116	0.0013	4		704.64	0.03	3.3	0.462	0.011	1
	244.0			0.039	0.013	4		766.51	0.03	4.7	0.617	0.016	1
	313.59	0.09	0.25	0.031	0.004	4		832.01	0.03	24.1	3.52	0.06	1
	342.91	0.04	0.20	0.035	0.005	4		865.93	0.14	0.06	0.0059	0.0004	4
	362.072	0.017		0.0426	0.0026	4		951.0			0.022	0.013	4
	404.853	0.010	28.2	3.78	0.06	1		1014.64	0.05	0.12	0.0173	0.0005	4
	427.088	0.010	13.1	1.76	0.04	1		1080.16	0.06	0.10	0.0123	0.0007	4
	430.0	1.0		0.0065	0.0026	4		1090.5	0.5		0.0026	0.0006	4
	478.0	0.4		0.0129	0.0026	4		1103.52	0.20	0.02	0.0046	0.0006	4
	479.60	0.20		0.0052	0.0013	4		1109.48	0.05	0.79	0.115	0.004	3
	481.1	0.4		0.026	0.005	4		1196.33	0.05	0.07	0.0102	0.0004	3
	481.92	0.12		0.0103	0.0013	4		1234.3	0.4		0.0013	0.0003	4
	491.82	0.12		0.0041	0.0008	4		1270.71	0.08	0.05	0.0068	0.0005	4
	494.2	0.3		0.0017	0.0006	4							

