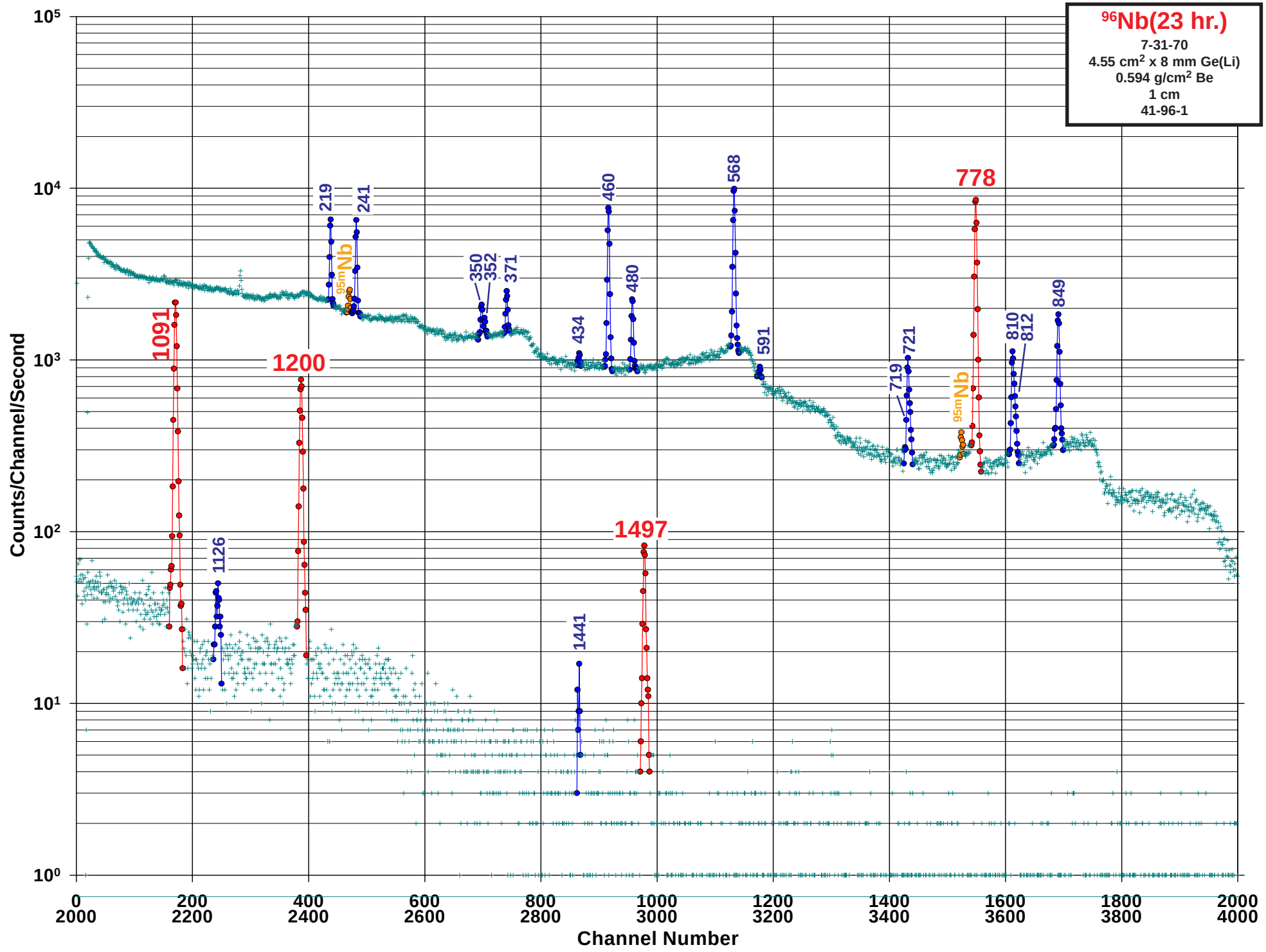

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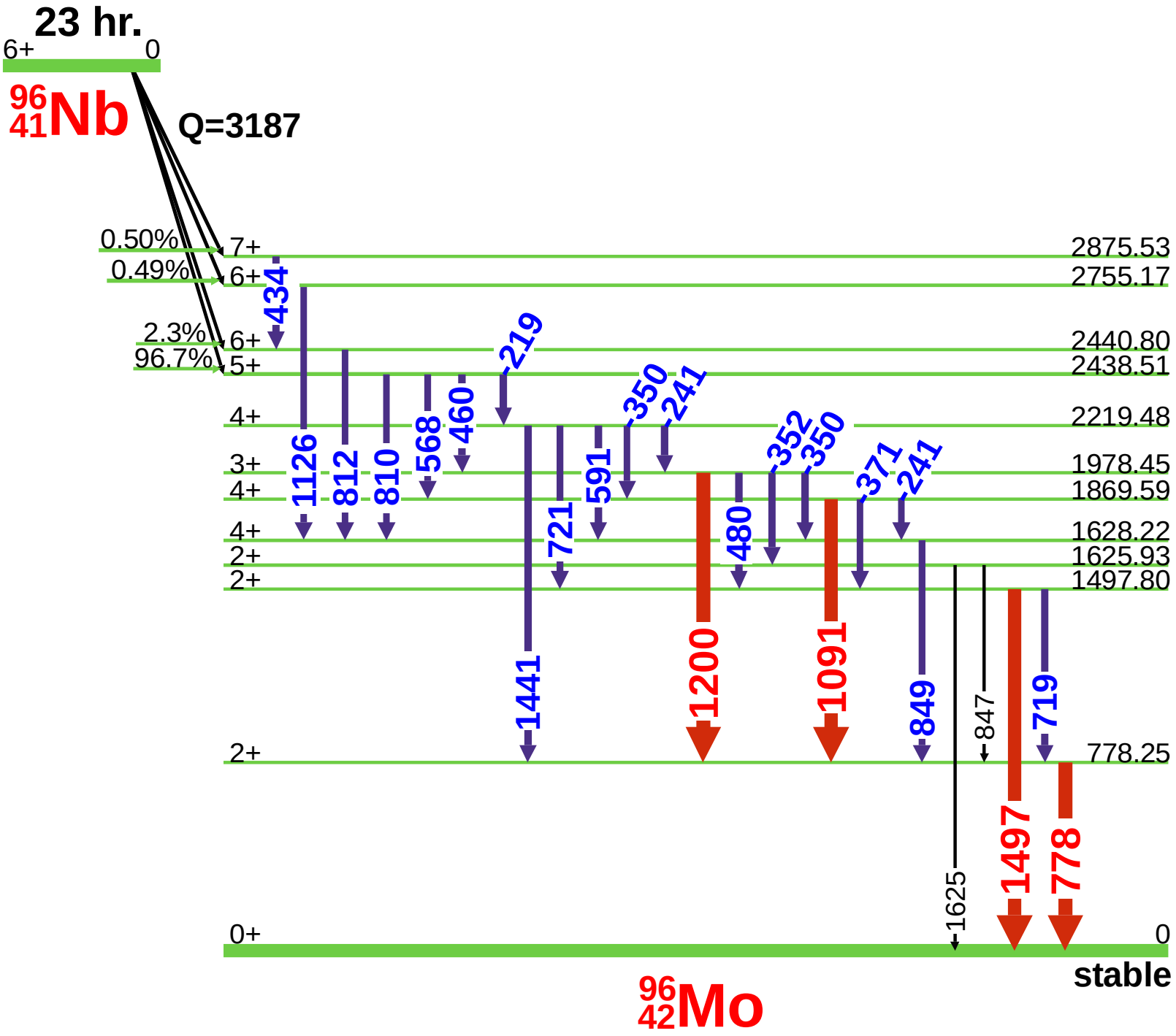
^{96}Nb(23 hr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{96}Nb

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

Half Life: 23.35(5) hr.

Detector: 4.55 cm^2 x 8 mm Ge (Li)

Method of Production: ^{96}Zr(p,n)

	E_γ (keV)	σE_γ	I_γ (rel)	I_γ (%)	σI_γ	S
	108.950	0.110		0.0444	0.0145	4
	120.300	0.400		0.0241	0.0096	4
	128.000	0.400		0.0164	0.0096	4
	219.081	0.018	3.9	2.9707	0.0483	3
D	241.377	0.015	4.7	3.4722	0.3858	2
	241.380	0.000		0.7523	0.0008	
	314.340	0.070		0.0743	0.0135	4
	316.270	0.090		0.0608	0.0087	4
D	350.053	0.019	1.9	0.4823	0.0965	3
	350.053	0.019		1.0610	0.0868	
	352.560	0.030	0.9	0.8295	0.0386	3
	371.807	0.015	3.0	2.6234	0.0868	3
	434.730	0.040	0.7	0.3762	0.0289	4
	460.040	0.012	28.0	26.6202	0.1949	1
	480.705	0.017	6.3	5.8352	0.0486	2
	568.871	0.012	57.0	57.9664	0.2955	1

E_γ (keV)	σE_γ	I_γ (rel)	I_γ (%)	σI_γ	S
591.240	0.050	2.7	0.9356	0.0868	3
593.250	0.140		0.3086	0.0772	4
719.562	0.017	7.3	6.8479	0.0871	3
721.629	0.019	0.6	1.0224	0.0579	4
778.224	0.015	100	96.4500	0.2173	1
810.330	0.015	11.0	11.0918	0.0971	2
812.581	0.015	2.3	2.9514	0.0772	2
847.690	0.020		1.1381	0.0579	4
849.929	0.013	21.0	20.4474	0.1941	1
1091.349	0.012	50.0	48.5144	1.5440	1
1126.965	0.021	3	0.4244	0.0193	3
1200.231	0.013	20.0	19.9652	0.0986	1
1346.900	0.300		0.0241	0.0096	4
1441.129	0.024	0.5	0.4437	0.0193	4
1497.807	0.015	3.0	3.2793	0.0676	3
1625.900	0.050		0.1543	0.0096	4

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