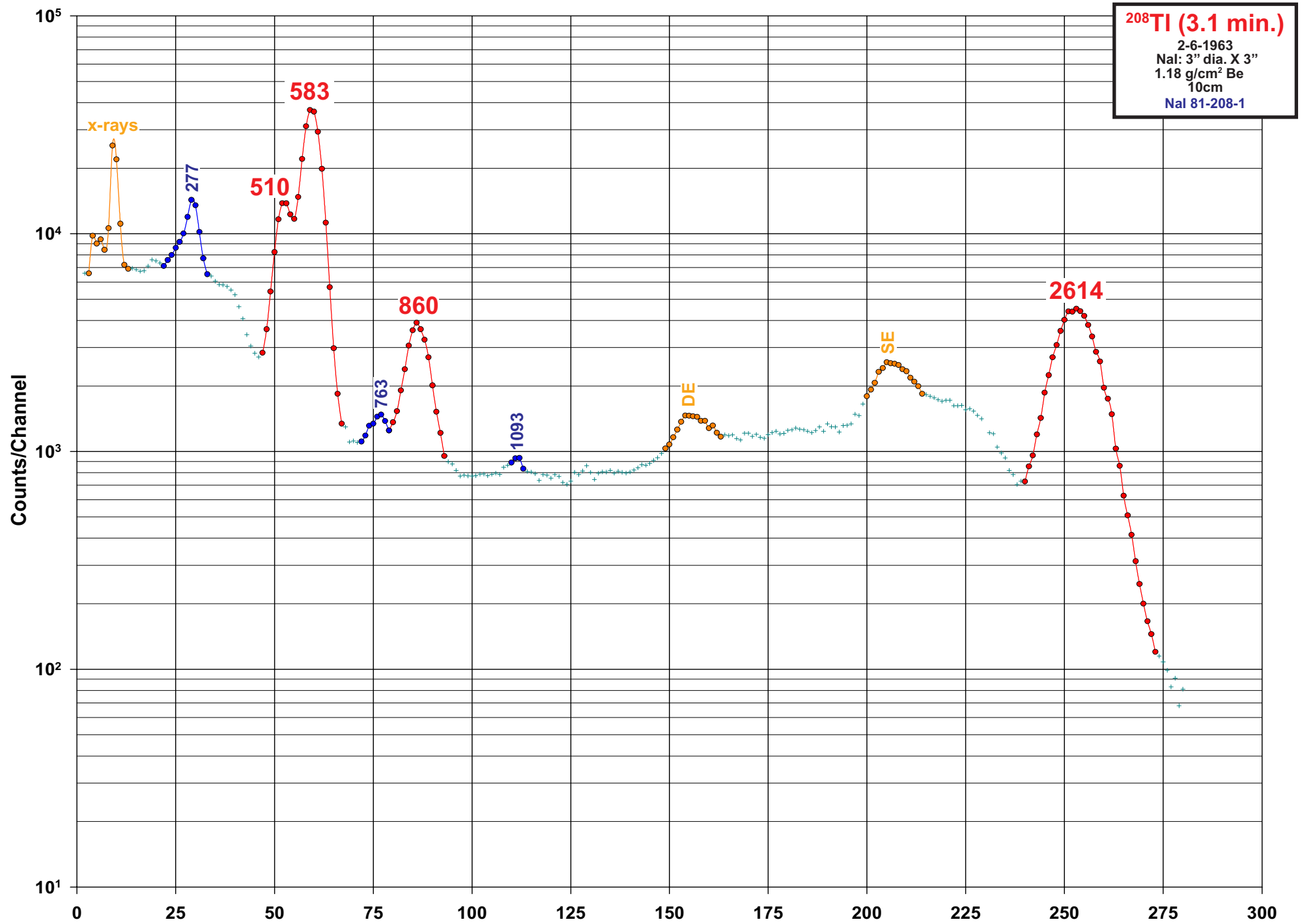
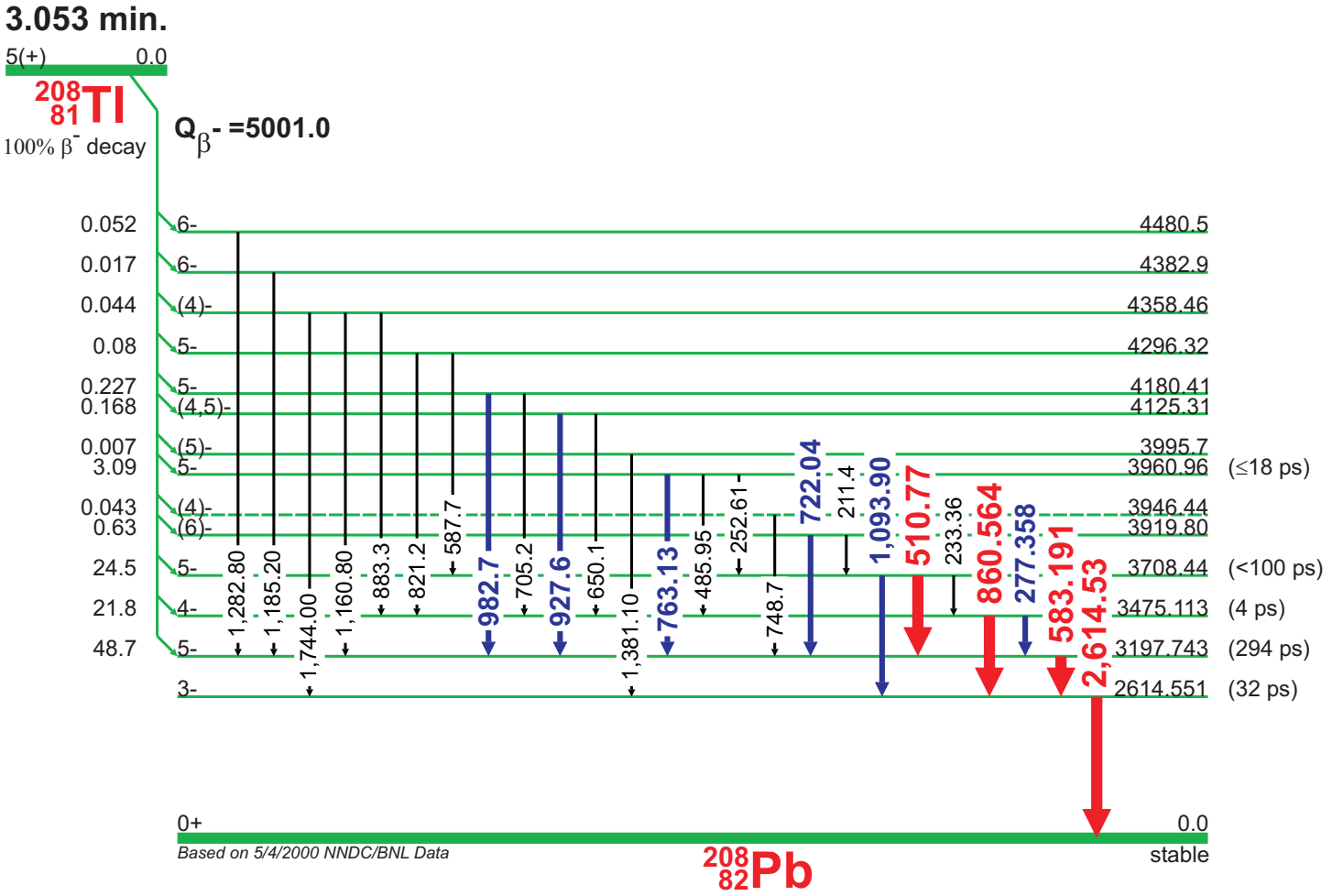


Table of Contents

^{208}Tl (3.1 min.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: **^{208}Tl** Half Life: 3.053(4) min.

E_γ (keV)	σ E_γ	① I_γ	② σI_γ	Level	
211.40	0.15	0.178	0.020	3,919.80	β–
233.36	0.15	0.307	0.020	3,708.44	β–
252.61	0.10	0.69	0.04	3,960.96	β–
277.358	0.010	6.31	0.09	3,475.113	β–
277.72					β–
485.95	0.15	0.050	0.005	3,960.96	β–
510.77	**0.10**	**22.6**	**0.3**	**3,708.44**	**β–**
583.191	**0.002**	**84.5**	**0.7**	**3,197.743**	**β–**
587.7		0.04	0.02	4,296.32	β–
650.1	0.3	0.036	0.005	4,125.31	β–
705.2	0.3	0.022	0.004	4,180.41	β–
722.04	0.12	0.201	0.014	3,919.80	β–
748.7	0.2	0.043	0.004	3,946.44	β–
763.13	0.08	1.81	0.05	3,960.96	β–
821.2	0.2	0.040	0.004	4,296.32	β–
860.564	**0.005**	**12.42**	**0.10**	**3,475.113**	**β–**
883.3	0.2	0.031	0.003	4,358.46	β–
927.6	0.2	0.131	0.009	4,125.31	β–
982.7	0.2	0.203	0.011	4,180.41	β–
1,004		0.005	<		β–
1,093.9	0.2	0.40	0.03	3,708.44	β–
1,125.7	0.4	0.005	0.002		β–
1,160.8	0.3	0.011	0.003	4,358.46	β–
1,185.2	0.3	0.017	0.005	4,382.9	β–
1,282.8	0.3	0.052	0.005	4,480.5	β–
1,381.1	0.5	0.007	0.003	3,995.7	β–
1,647.5	0.7	0.002	0.001		β–
1,744.0	0.7	0.002	0.001	4,358.46	β–
2,614.533	**0.013**	**99.16**		**2,614.551**	**β–**

E_γ, σE_γ, I_γ, σI_γ, Levels from ENSDF Database as of May 4, 2000

① These Iγ are per 100 Decays of **^{208}Tl**.
For **^{212}Bi** parent, multiply these values by 35.94%

② Normalization factor is 0.9916, and its uncertainty is taken to be 0.0.