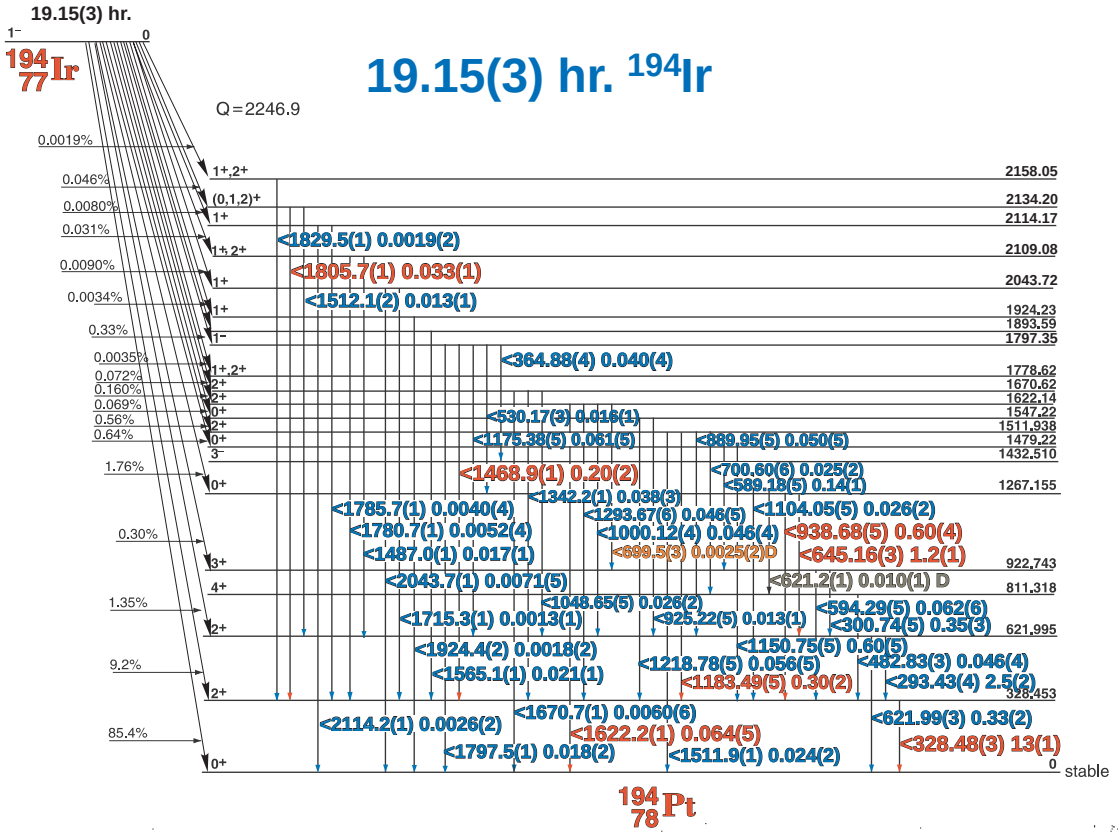
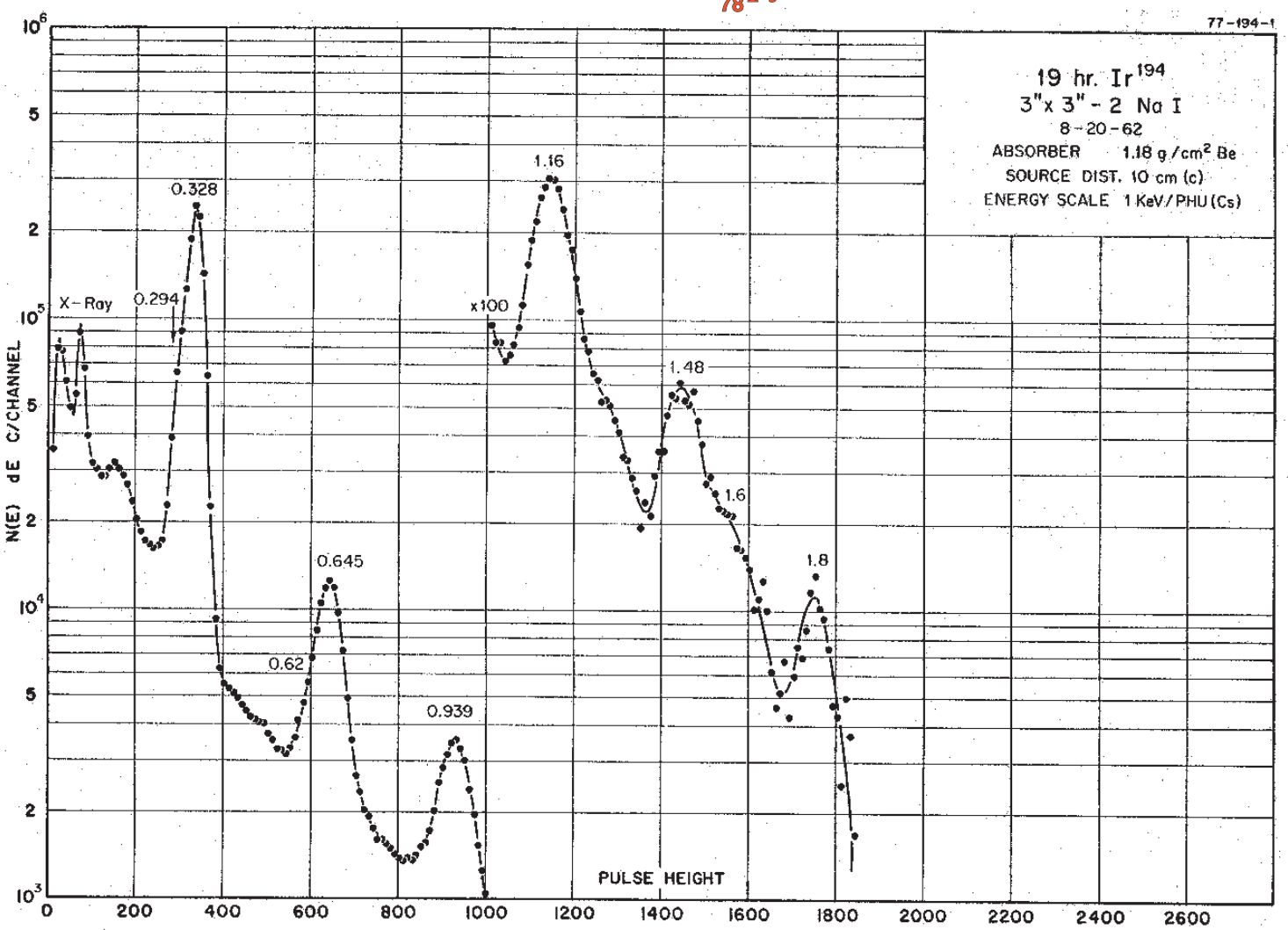
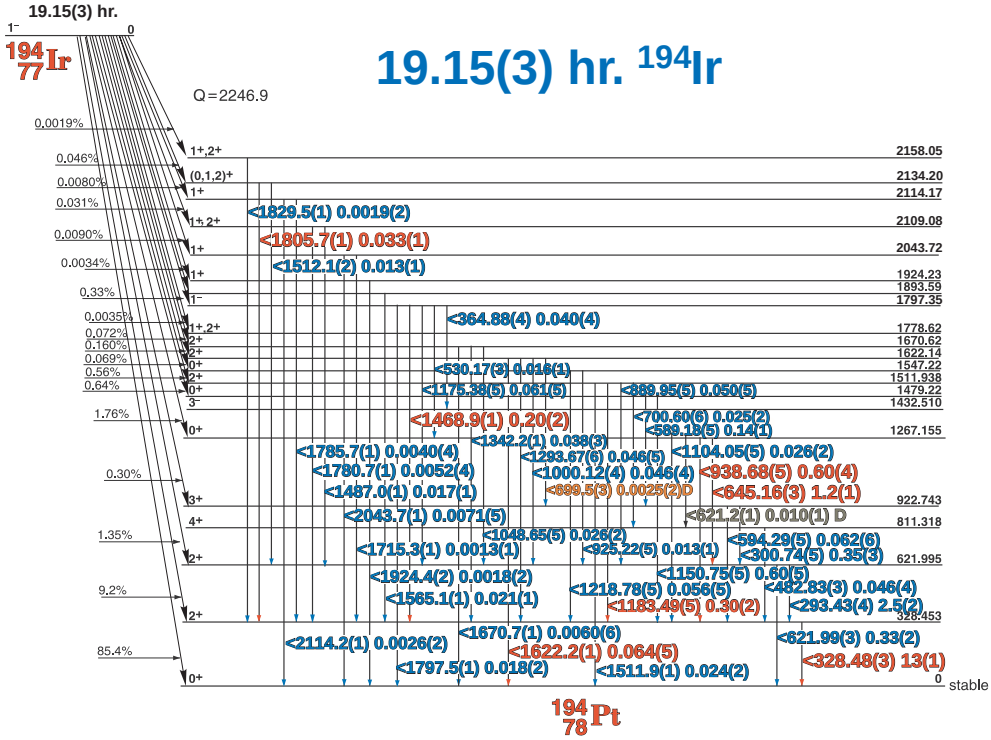
19.15(3) hr. ^{194}Ir





19.15(3) hr. ^{194}Ir



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide ^{194}**Ir** Half Life 19.15(3) hr.
Detector 3" x 3" NaI Method of Production: ^{193}Ir(n,γ)

E_γ(KeV)[S]	ΔE_γ	I_γ(rel)	I_γ(%)[E]	ΔI_γ	S
293.435	± 0.040	18. 1	2.5	± 0.2	3
300.74	± 0.05		0.35	± 0.04	4
328.501	**± 0.0 30**	**100**	**13**	**± 1.0**	**1**
364.88	± 0.04	0.32	0.04	± 0.04	4
530.17	± 0.04	0.15	0.016	± 0.002	4
621.2	± 0.1		0.010	± 0.001	4
621.99	± 0.035	2.52	0.33	± 0.02	3
645.162	**± 0.030**	**9.14**	**1.2**	**± 0.1**	**1**
700.60	± 0.06	0.21	0.025	± 0.002	4
889.95	± 0.05	0.39	0.050	± 0.005	4
925.22	± 0.05	0.08	0.013	+ 0.001	4
938.68	**± 0.05**	**4.56**	**0.60**	**± 0.05**	**1**
1000.12	± 0.05	0.38	0.046	± 0.004	3
1048.65	± 0.05	0.20	0.026	± 0.002	4
1104.05	± 0.05	0.23	0.025	± 0.002	4
1150.75	**± 0.05**	**4.69**	**0.60**	**± 0.05**	**1**
1175.38	± 0.05	0.43	0.061	± 0.005	3
1183.49	**± 0.05**	**2.42**	**0.30**	**± 0.02**	**1**
1218.78	± 0.05	0.45	0.056	± 0.005	3
1293.67	± 0.05	0.34	0.046	± 0.005	3
1342.6	± 0.1	0.32	0.038	± 0.003	3
1468.9	**± 0.1**	**1.53**	**0.20**	**± 0.02**	**1**
1487.0	± 0.1	0.16	0.017	± 0.002	3
1511.9	**± 0.1**	**0.31**	**0.024**	**± 0.002**	**2**
1565.1	**± 0.1**	**0.20**	**0.021**	**± 0.002**	**2**
1622.2	**± 0.1**	**0.50**	**0.064**	**± 0.005**	**1**
1670.7	± 0.1	0.05	0.0060	± 0.0006	4
1715.3	± 0.1	0.010	0.0013	± 0.0001	4
1780.7	± 0.1	0.05	0.0052	± 0.0005	3
1785.7	± 0.1	0.04	0.0040	± 0.0004	4
1797.5	**± 0.1**	**0.14**	**0.018**	**± 0.002**	**2**
1805.7	**± 0.1**	**0.24**	**0.033**	**± 0.002**	**1**
1829.5	± 0.1	0.02	0.0019	± 0.0002	4
1924.4	± 0.2	0.02	0.0018	± 0.0002	4
2043.7	**± 0.1**	**0.06**	**0.0071**	**± 0.0005**	**2**

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