

¹⁹²Ir(73 day) Decay Scheme

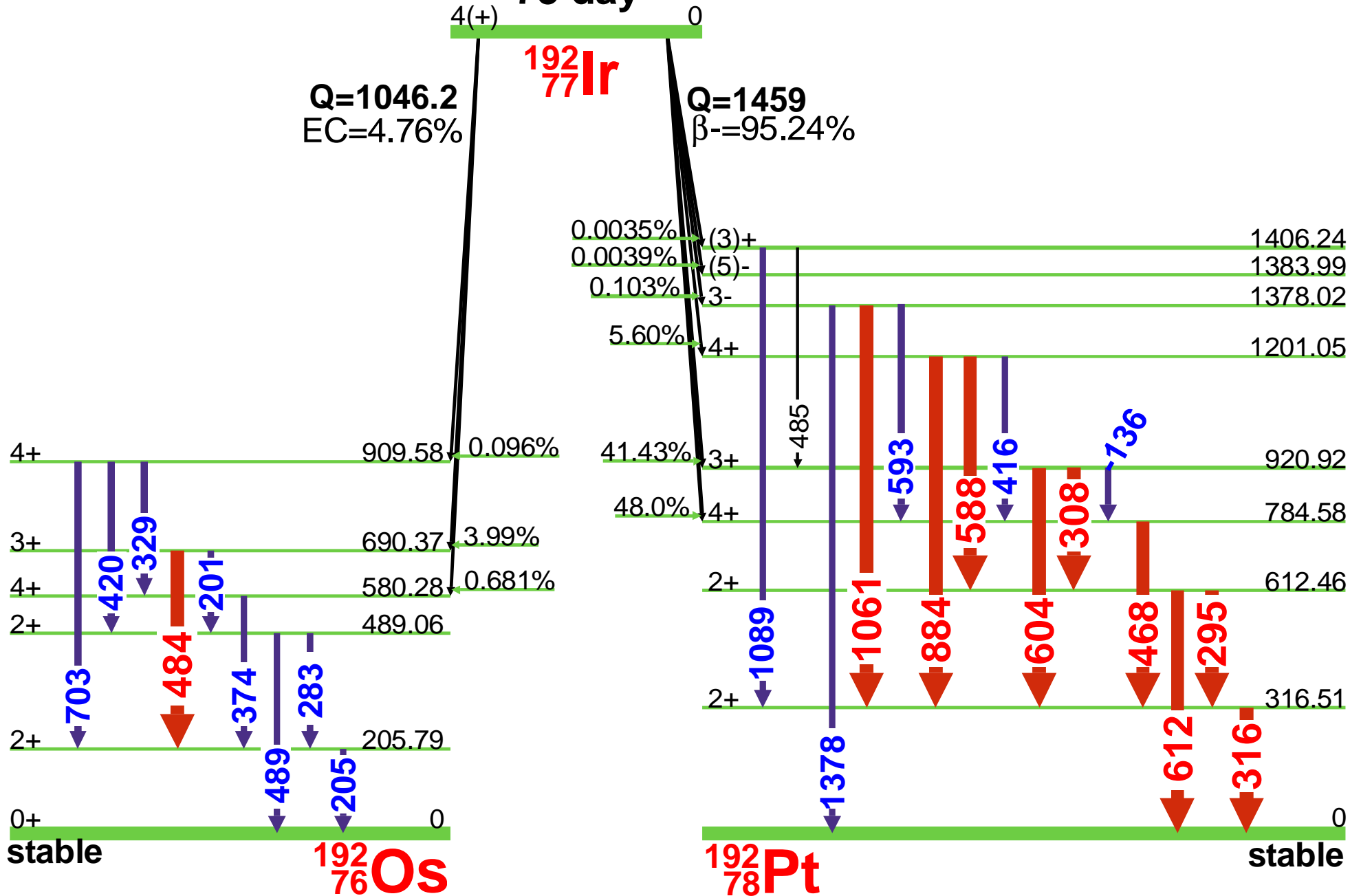
73 day

4(+) 0

¹⁹²₇₇Ir

Q=1046.2
EC=4.76%

Q=1459
β⁻=95.24%



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{192}Ir E_γ , σE_γ , I_γ , σI_γ - 1998 ENSDF Data

Half Life: 73.831(8) day

Detector: 55 cm³ coaxial Ge (Li)Method of Production: $^{191}\text{Ir}(n,\gamma)$

E_γ (keV)	σE_γ	I_γ (rel)	I_γ (%)	σI_γ	S
110.093	0.019		0.0126	0.0009	4
136.343		0.218	0.183	0.009	4
176.98	0.04		0.0043	0.0011	4
201.311	0.001	0.551	0.472	0.006	4
205.796		3.86	3.30	0.02	2
214.7	0.5		0.0027		4
280.04	0.05		0.023	0.010	4
283.267	0.001	0.320	0.262	0.004	4
295.958		34.64	28.67	0.10	1
308.457		35.77	30.00	0.09	1
314.8	0.3		0.075		4
316.508		100.	82.81	0.21	1
329.312	0.009	0.019	0.0186	0.0011	4
374.485	0.001	0.875	0.721	0.005	3
415.4	0.5	0.802	0.0091		3
416.471	0.001		0.664	0.007	
420.532	0.010	0.070	0.074	0.002	4

E_γ (keV)	σE_γ	I_γ (rel)	I_γ (%)	σI_γ	S
468.072		58.0	47.83	0.16	1
484.578		3.81	3.184	0.011	1
485.30	0.11		0.0022	0.0005	
489.039	0.013	0.480	0.443	0.004	3
588.584	0.001	5.52	4.514	0.014	1
593.37	0.05	0.045	0.0426	0.0015	4
599.4	0.3		0.0039	0.0016	4
604.415		10.04	8.23	0.06	1
612.466		6.55	5.309	0.017	1
703.98	0.12	0.007	0.0053	0.0009	4
739.0			0.0005		4
766.0	0.3		0.0015	0.0003	4
884.542	0.001	0.364	0.2923	0.0025	1
1061.48	0.04	0.067	0.0529	0.0008	1
1089.7	0.3	0.002	0.0010	0.0002	4
1378.3	0.3	0.0015	0.0012	0.0003	3

