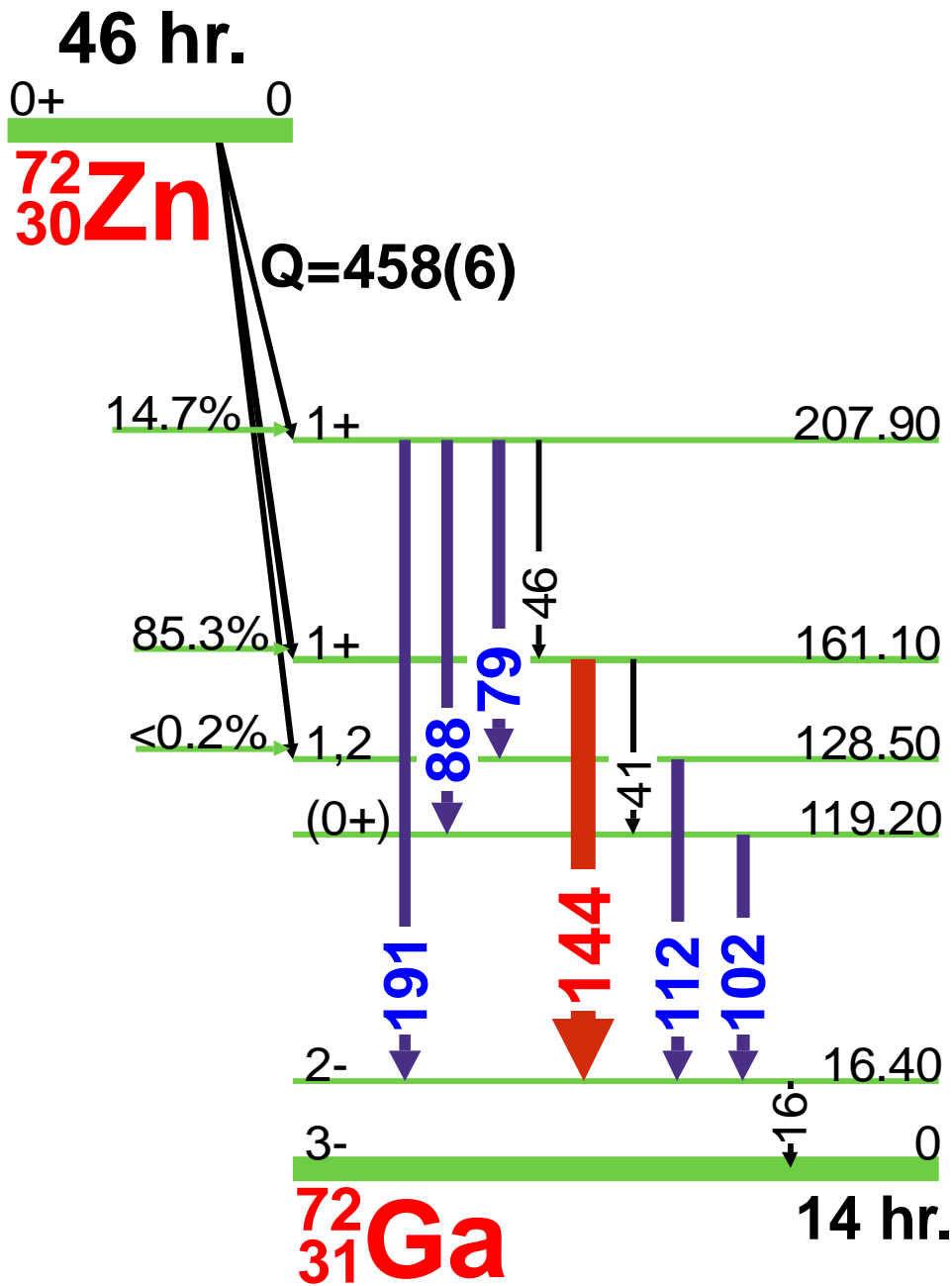


<sup>72</sup>Zn(46 hr.) Decay Scheme



**GAMMA-RAY ENERGIES AND INTENSITIES**

Nuclide: <sup>72</sup>Zn Half Life: 46.5(1) hr.  
Detector: 4.5 cm<sup>2</sup> x 8 mm Ge (Li) Method of Production: <sup>74</sup>Ge(γ,2p)

E <sub>γ</sub> (keV)	σ E <sub>γ</sub>	I <sub>γ</sub> (rel)	I <sub>γ</sub> (%)	σ I <sub>γ</sub>	S
16.4	0.3		8.3	1.7	4
41.90	0.20		0.83	0.08	4
46.80	0.20		0.58	0.08	4
79.40	0.20	2.8	1.74	0.08	3
88.70	0.10	2.0	2.16	0.08	3
102.80	0.10	2.5	2.32	0.08	3
112.10	0.10	2.1	2.07	0.08	3
144.70	0.10	100	82.90	0.20	1
191.50	0.20	11.6	9.37	0.17	2

E<sub>γ</sub>, σE<sub>γ</sub>, I<sub>γ</sub>, σI<sub>γ</sub> - 1998 ENSDF Data

