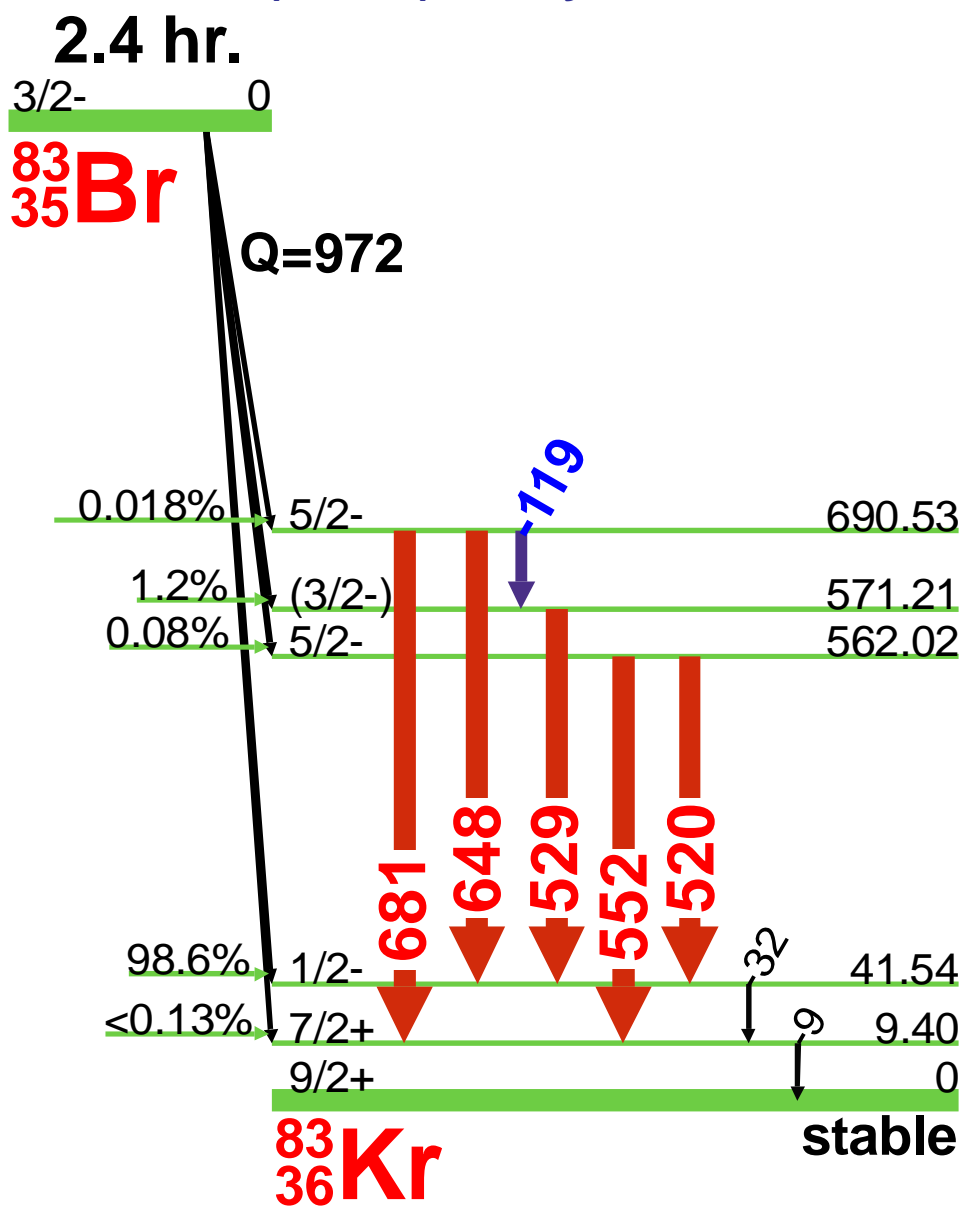


<sup>83</sup>Br(2.4 hr.) Decay Scheme



**GAMMA-RAY ENERGIES AND INTENSITIES**

Nuclide: <sup>83</sup>Br Half Life: 2.40(2) hr.  
Detector: 70 cm<sup>3</sup> coaxial Ge (Li) Method of Production: <sup>82</sup>Se(n,γ)β

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
9.396	0.007				4
32.147	0.002				4
119.320	0.020	0.461	0.0013	0.0006	4
128.55	0.08		0.0001		4
520.41	0.05	4.7	0.058	0.024	1
529.640	0.010	100	1.2	0.5	1
552.65	0.03	1.73	0.0200	0.008	1
562.16					4
648.96	0.05	1.05	0.012	0.005	1
681.17	0.07	0.31	0.0039	0.0016	1
790.1					4

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

