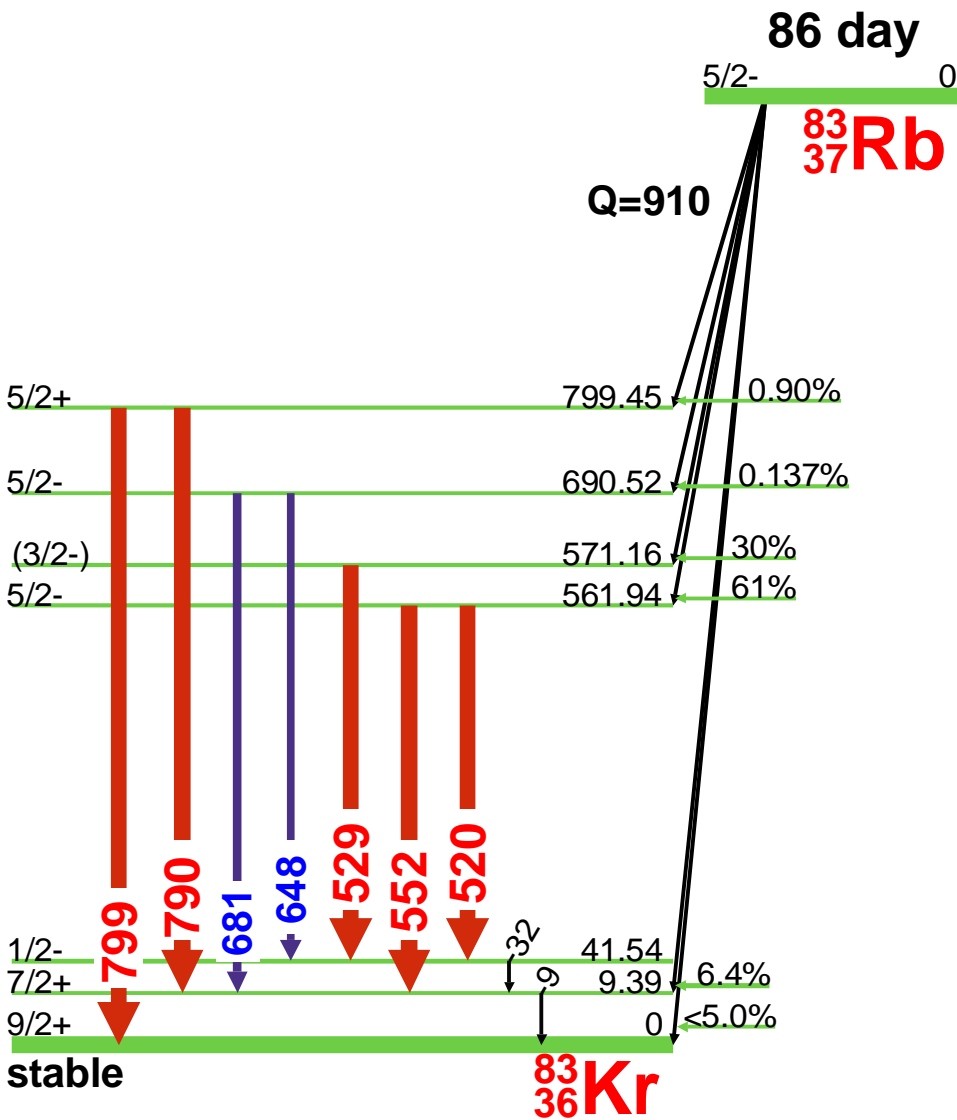


<sup>83</sup>Rb(86 day) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: <sup>83</sup>Rb Half Life: 86.2(1) day  
Detector: 65 cm<sup>3</sup> coaxial Ge (Li) Method of Production: <sup>85</sup>Rb(γ,n)

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
119.32	0.09		0.0143	0.0024	4
128.55	0.12		0.0013	0.0002	4
237.19			0.0005		4
520.389	0.012	100	44.7	3.3	1
529.591	0.013	65.6	29.3	2.1	1
552.588	0.020	36.0	16.0	1.1	1
562.17	0.05		0.0085	0.0010	4
648.97	0.04	0.21	0.085	0.006	3
681.18	0.05	0.071	0.031	0.005	3
790.15	0.03	1.50	0.66	0.04	1
799.37	0.04	0.51	0.237	0.016	1

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

