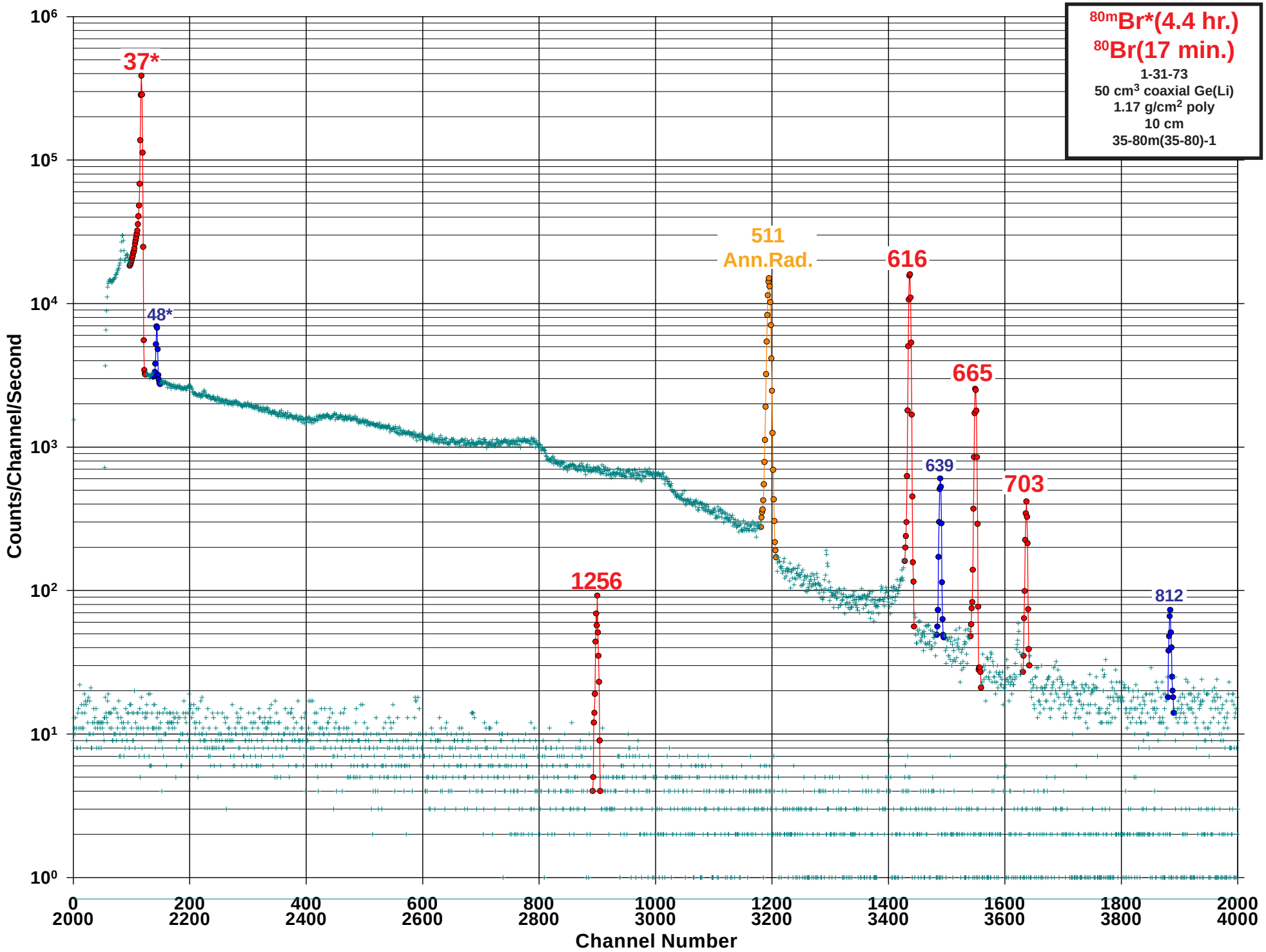
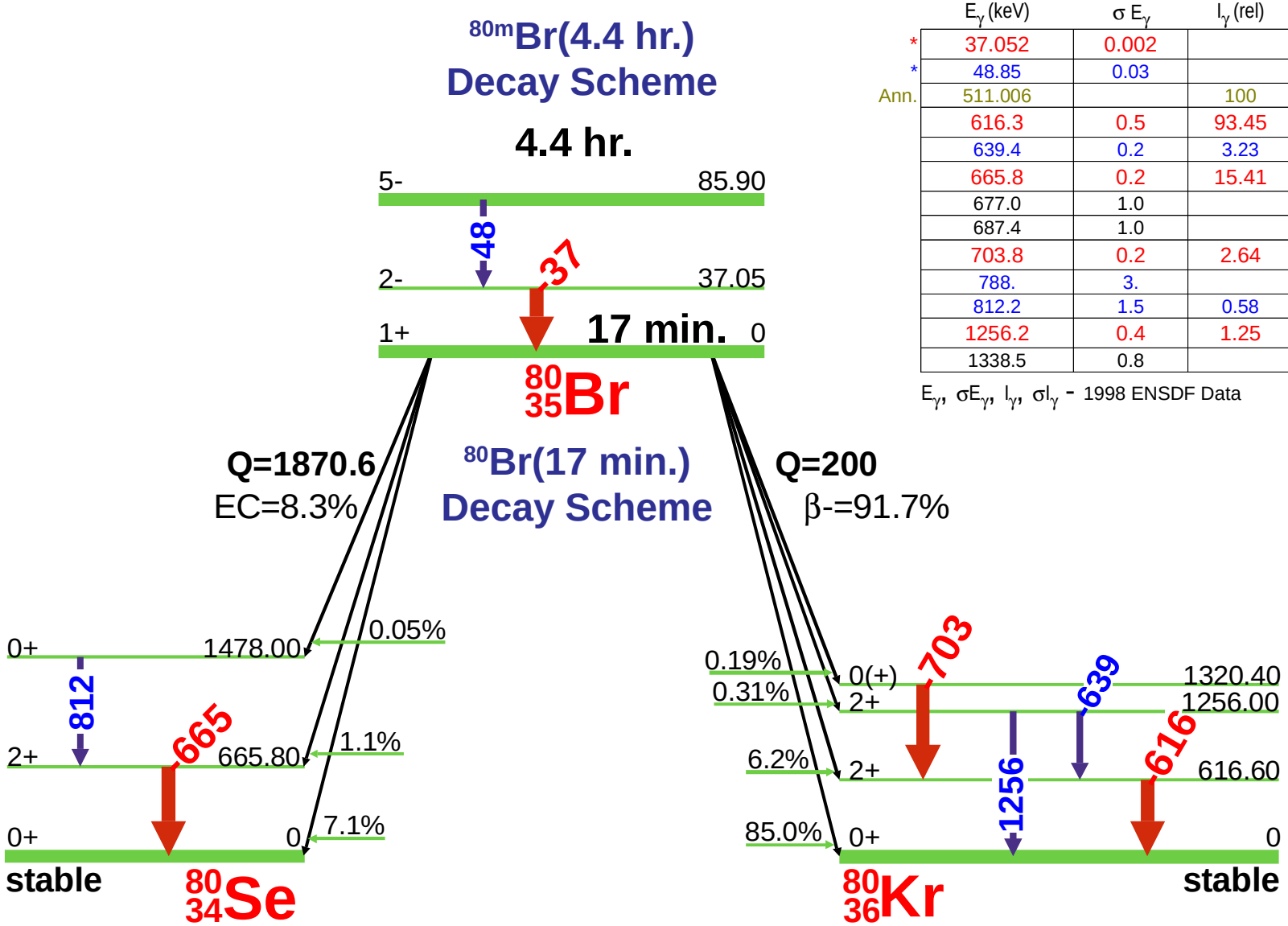

80mBr*(4.4 hr.)
80Br(17 min.)
1-31-73
50 cm3 coaxial Ge(Li)
1.17 g/cm2 poly
10 cm
35-80m(35-80)-1
37*
48*
511
Ann.Rad.
616
665
639
703
1256
812
Counts/Channel/Second
Channel Number

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{80m}Br* – ^{80}Br Half Life: 4.4205(8) hr.*- 17.68(2) min.
Detector: 50 cm^3 coaxial Ge (Li) Method of Production: ^{79}Br(n,γ)

	E_γ (keV)	σ E_γ	I_γ (rel)	I_γ (%)	σ I_γ	S
*	37.052	0.002		39.1	0.8	1
*	48.85	0.03		0.317	0.009	3
Ann.	511.006		100	4.4	0.4	1
	616.3	0.5	93.45	6.7	0.6	1
	639.4	0.2	3.23	0.26	0.04	2
	665.8	0.2	15.41	1.08	0.12	1
	677.0	1.0		0.008	0.003	4
	687.4	1.0		0.012	0.004	4
	703.8	0.2	2.64	0.19	0.04	1
	788.	3.		0.0134	0.0012	4
	812.2	1.5	0.58	0.041	0.014	2
	1256.2	0.4	1.25	0.073	0.010	1
	1338.5	0.8				4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data