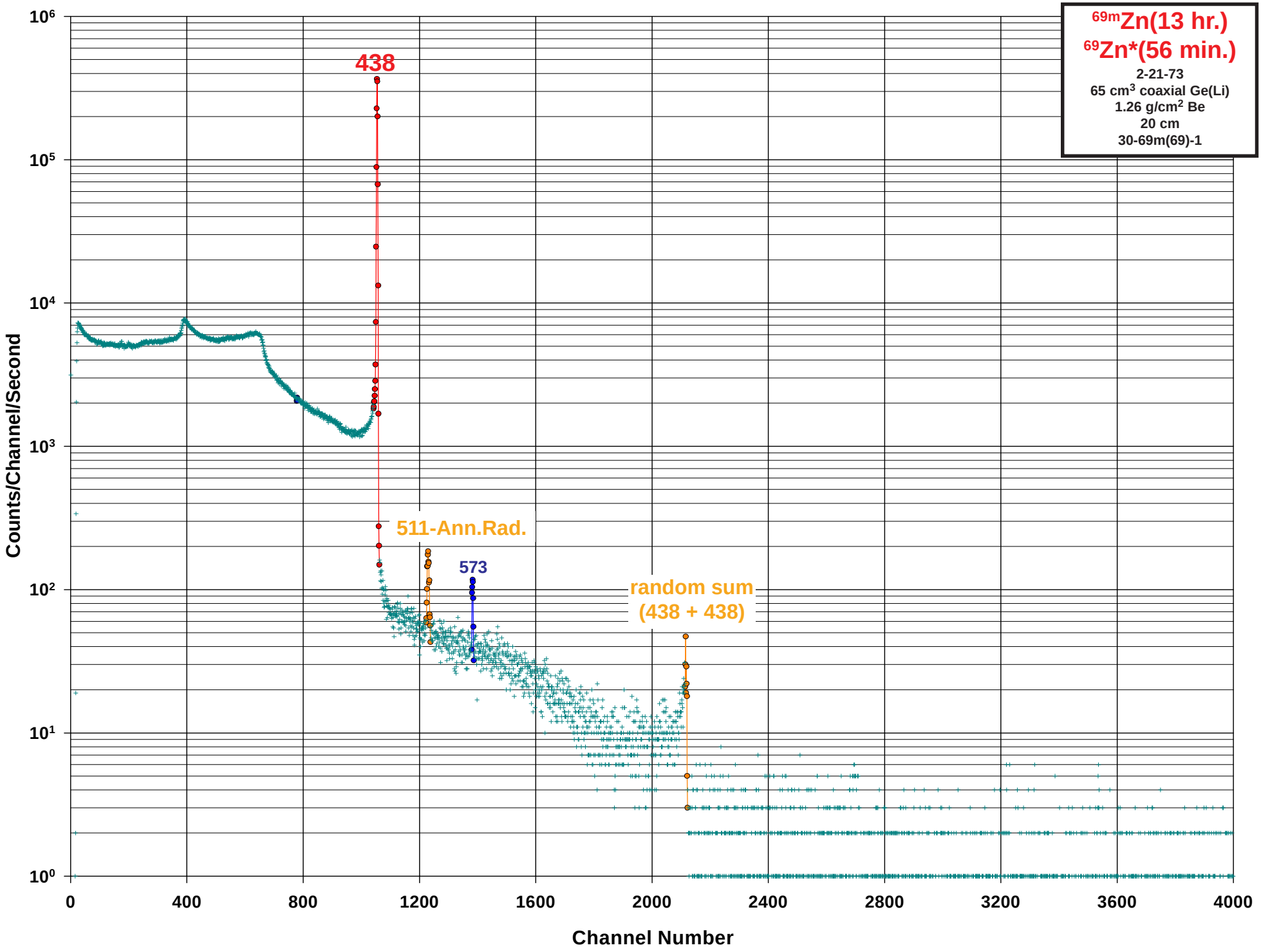
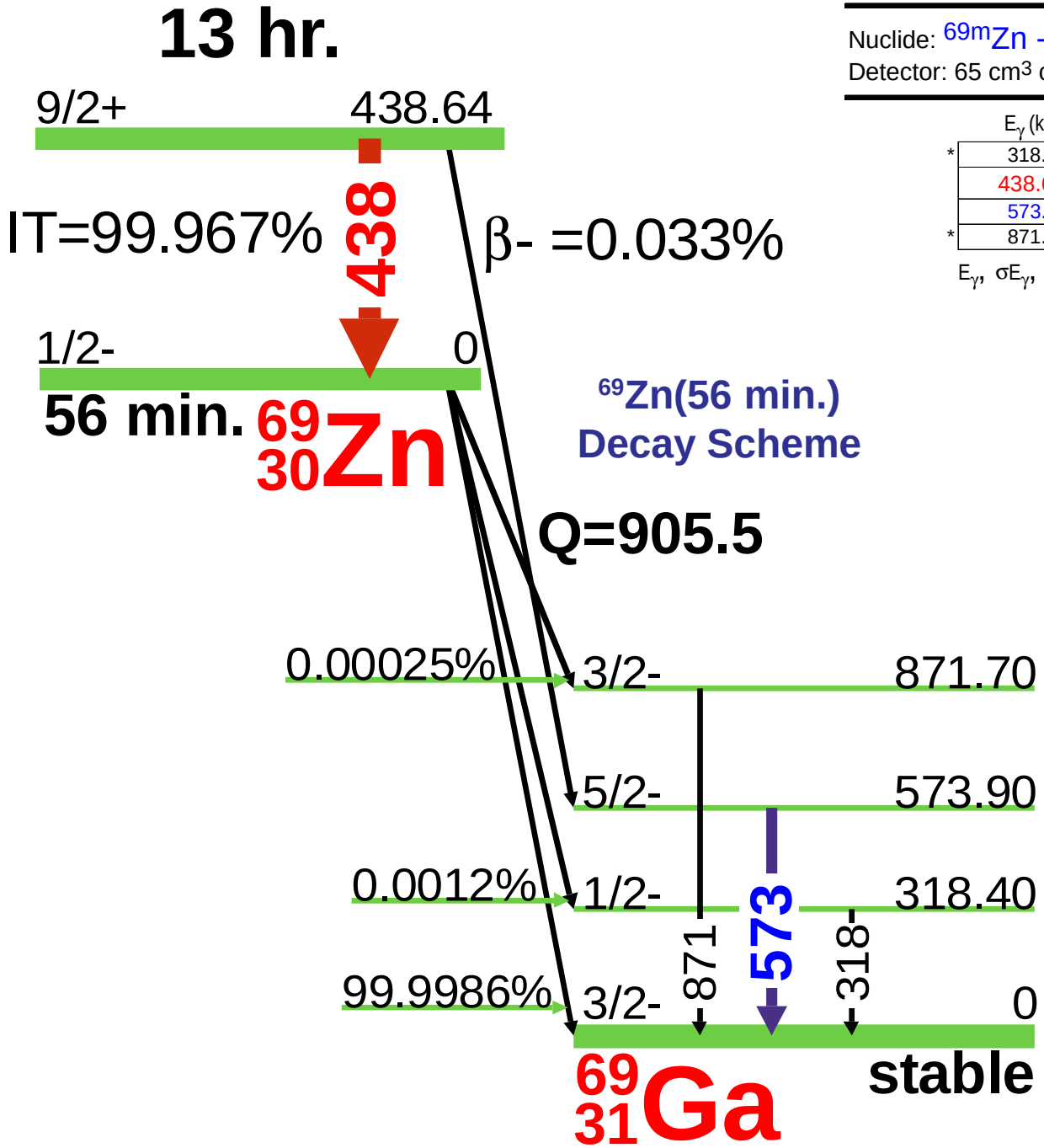

69mZn(13 hr.)
69Zn*(56 min.)
2-21-73
65 cm3 coaxial Ge(Li)
1.26 g/cm2 Be
20 cm
30-69m(69)-1
438
511-Ann.Rad.
573
random sum
(438 + 438)
Counts/Channel/Second
Channel Number
10^6
10^5
10^4
10^3
10^2
10^1
10^0
0
400
800
1200
1600
2000
2400
2800
3200
3600
4000

^{69m}Zn(13 hr.) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{69m}Zn - ^{69}Zn* Half Life: 13.76(2) hr. - 56.4(9) min.*

Detector: 65 cm^3 coaxial Ge (Li) Method of Production: ^{68}Zn(n,γ)

	E_γ (keV)	σ E_γ	I_γ (rel)	I_γ (%)	σ I_γ	S
*	318.40	0.20		0.0012	0.0002	4
	438.634	0.018	100	94.80	0.20	1
	573.90	0.20	0.09	0.033	0.003	3
*	871.70	0.20		0.0002	0.0001	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data