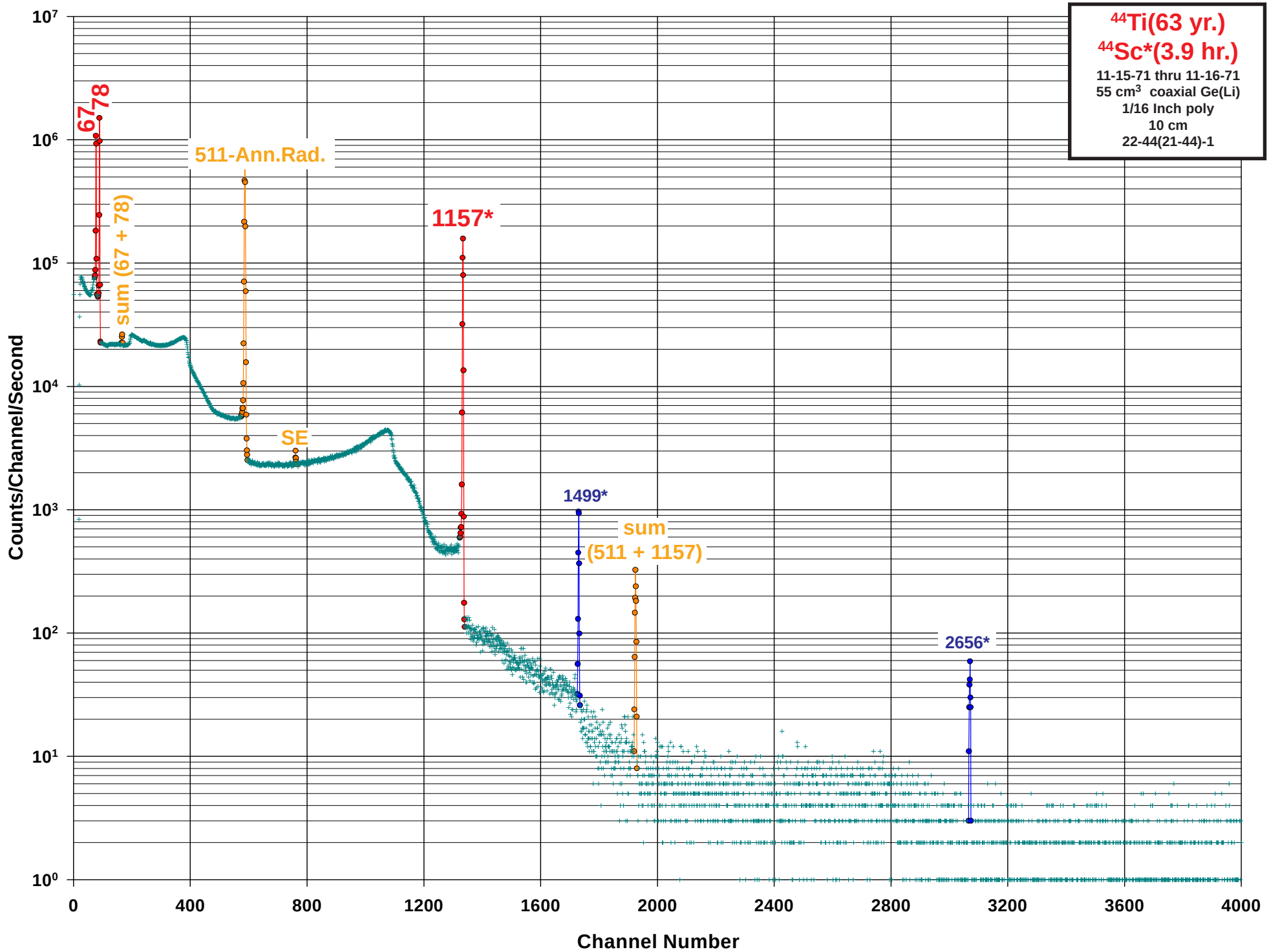
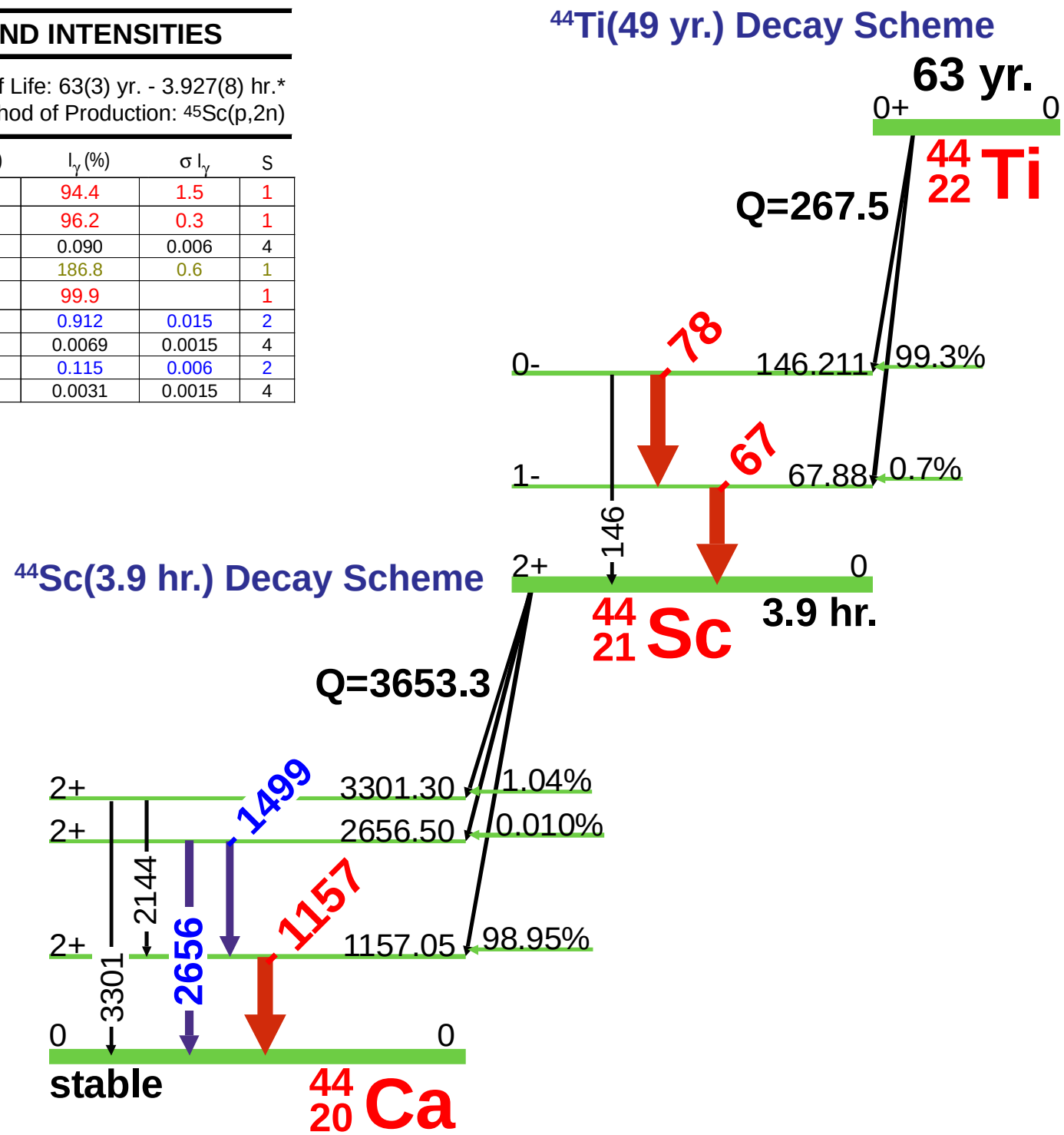

44Ti(63 yr.)
44Sc*(3.9 hr.)
11-15-71 thru 11-16-71
55 cm3 coaxial Ge(Li)
1/16 Inch poly
10 cm
22-44(21-44)-1
67
78
511-Ann.Rad.
sum (67 + 78)
1157*
SE
1499*
sum
(511 + 1157)
2656*
Counts/Channel/Second
Channel Number
10^7
10^6
10^5
10^4
10^3
10^2
10^1
10^0
0
400
800
1200
1600
2000
2400
2800
3200
3600
4000

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ^{44}Ti - ^{44}Sc*
Half Life: 63(3) yr. - 3.927(8) hr.*
Detector: 55 cm^3 coaxial Ge (Li)
Method of Production: ^{45}Sc(p,2n)

	E_γ (keV)	σE_γ	I_γ (rel)	I_γ (%)	σI_γ	S
	67.875	0.005	90.14	94.4	1.5	1
	78.337	0.003	95.18	96.2	0.3	1
	146.212	0.005		0.090	0.006	4
Ann.	511.006			186.8	0.6	1
*	1157.031		100	99.9		1
*	1499.43		0.90	0.912	0.015	2
*	2144.2			0.0069	0.0015	4
*	2656.41		0.14	0.115	0.006	2
*	3301.2			0.0031	0.0015	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data