



¹¹⁸Sb(5.0 hr.) Decay Scheme

5.0 hr.

8- 249

3.6 min.

1+ 0

¹¹⁸₅₁Sb

Q=3657
EC=100%

7- 2574.84 98.3%

5- 2321.16

4+ 2280.35

2+ 1229.66

0+ 0

stable

¹¹⁸₅₀Sn

GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: ¹¹⁸Sb Half Life: 5.00(2) hr.
Detector: 35 cm³ coaxial Ge (Li) Method of Production: ¹¹⁸Sn(p,n)

	E _γ (keV)	σ E _γ	I _γ (rel)	I _γ (%)	σ I _γ	S
	40.80	0.10		30.0	2.0	2
	253.678	0.010	99.3	99.	6.	1
Ann.	511.006			0.317	0.014	4
	984.0	1.0		1.5	0.5	4
	1050.69	0.03	97.3	97.	5.	1
	1091.51	0.08	3.6	3.6	0.3	3
	1229.65	0.05	100.	100.	5.	1
	1303.0	2.0		0.50	0.20	4
	1481.	3.		0.50	0.20	4
	2361.	5.		0.010	0.010	4

E_γ, σE_γ, I_γ, σI_γ - 1998 ENSDF Data

