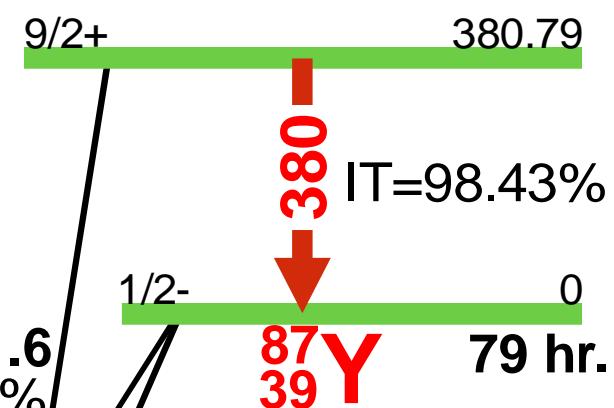


**GAMMA-RAY ENERGIES AND INTENSITIES**Nuclide:  $^{87m}\text{Y}$  -  $^{87}\text{Y}^*$ Detector: 4 cm<sup>2</sup> x 8 mm Ge (Li)

Half Life: 13.37(3)hr. - 79.8(3)hr.\*

Method of Production: Sr(p,xn)

	$E_\gamma$ (keV)	$\sigma E_\gamma$	$I_\gamma$ (rel)	$I_\gamma$ (%)	$\sigma I_\gamma$	S
*	380.79	0.07	100	79.3	1	
*	388.531	0.003	100	82.1	0.5	1
*	484.805	0.005		89.7	0.6	1
Ann.	511.006			1.48	0.10	
*Ann.	511.006			0.36	0.04	2

 $E_\gamma$ ,  $\sigma E_\gamma$ ,  $I_\gamma$ ,  $\sigma I_\gamma$  - 1998 ENSDF Data **$^{87m}\text{Y}(13 \text{ hr.})$  Decay Scheme****13 hr.** **$^{87}\text{Y}(79 \text{ hr.})$  Decay Scheme**