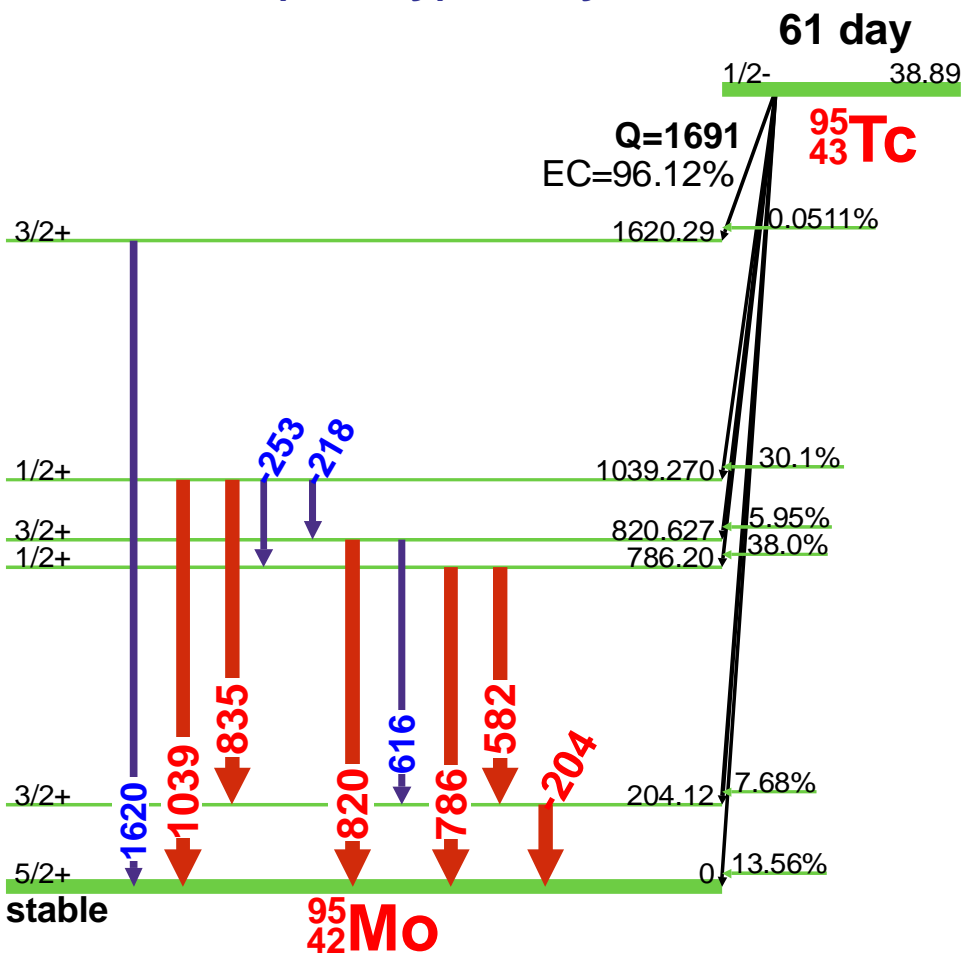


<sup>95m</sup>Tc(61 day) Decay Scheme



GAMMA-RAY ENERGIES AND INTENSITIES

Nuclide: <sup>95m</sup>Tc Half Life: 61(2) day  
Detector: 4.55 cm<sup>2</sup> x 8 mm Ge (Li) Method of Production: <sup>95</sup>Mo(p,n )

E <sub>γ</sub> (keV)	σ E <sub>γ</sub>	I <sub>γ</sub> (rel)	I <sub>γ</sub> (%)	σ I <sub>γ</sub>	S
38.9	0.1		0.000073	0.000007	4
54.88			0.0002		4
204.1161	0.0017	100	65.8	0.8	1
218.66	0.08	0.06	0.0447	0.0020	4
245.83	0.09		0.0018	0.0005	4
253.068	0.004	0.95	0.636	0.009	3
263.			0.0001		4
291.67	0.04		0.0058	0.0005	4
318.27	0.10		0.0011	0.0004	4
Ann. 511.006			0.87	0.06	4
515.6	0.4		0.0003	0.0003	4
563.48	0.06		0.0099	0.0013	4
582.0775	0.0021	49.6	31.2	0.4	1
589.29	0.25		0.0011	0.0003	4
616.490	0.020	2.23	1.336	0.021	3
623.29	0.15		0.0059	0.0020	4
786.1922	0.0027	14.5	9.01	0.12	1
799.60	0.15		0.0015	0.0005	4
820.622	0.007	7.9	4.90	0.06	1
835.146	0.006	44.9	27.7	0.4	1
844.1	0.7		0.012	0.003	4
852.600	0.020		0.0217	0.0007	4
1039.260	0.006	4.6	2.89	0.04	1
1056.790	0.020		0.0092	0.0003	4
1098.					4
1165.5			0.0001		4
1222.00	0.03		0.0087	0.0002	4
1302.					4
1369.75	0.15		0.0001		4
1416.09	0.08		0.0019	0.0001	4
1426.11	0.15				4
1620.20	0.04	0.06	0.0397	0.0018	2
1660.27	0.25		0.	0.	4

E<sub>γ</sub>, σE<sub>γ</sub>, I<sub>γ</sub>, σI<sub>γ</sub> - 1998 ENSDF Data

