Comparison of theoretical and empirical numbers
Simulations of **101 trials** with independent seeds

Sector half-life (megahours)	Theoretical losses (Poisson)	Empirical simulation losses (midmeans)	Per cent difference
2	8232.2	8227.5	-0.1
3	6850.2	6849.6	0.0
5	5000.0	5004.0	0.1
10	2928.9	2929.7	0.0
20	1591.0	1589.3	-0.1
30	1091.0	1088.5	-0.2
50	669.7	670.8	0.2
100	340.6	341.2	0.2
200	171.8	172.1	0.2
300	114.9	115.2	0.3
500	69.1	69.2	0.2
1,000	34.6	34.6	0.0
2,000	17.3	18.0	4.0
3,000	11.5	11.9	3.1
5,000	6.9	6.7	-3.3
10,000	3.5	3.5	1.0