Utah Centerline TRIGA Reactor Neutron Flux Spectra:

Central Irradiator (CI) (core center) Peak flux at 90 kW:

n-Energy, MeV	CI z=0 90 kW flux, n/cm^2/s
2.00E+01	1.920E+08
1.57E+01	3.483E+08
1.38E+01	7.907E+11
1.40E+00	7.345E+11
3.30E-01	8.351E+11
8.03E-03	7.312E+11
8.00E-05	1.981E+11
2.25E-05	3.103E+11
3.00E-06	1.569E+11
1.11E-06	2.303E+11
3.00E-07	1.223E+12
7.00E-08	1.125E+12
4.00E-08	7.550E+11
2.53E-08	9.547E+11

Thermal Irradiator (TI) Peak Flux at 90 kW:

n-Energy, MeV	TI z=0 90 kW flux, n/cm^2/s
2.00E+01	7.189E+06
1.57E+01	1.275E+07
1.38E+01	2.947E+10
1.40E+00	2.552E+10
3.30E-01	3.773E+10
8.03E-03	3.473E+10
8.00E-05	9.831E+09
2.25E-05	1.603E+10
3.00E-06	8.389E+09
1.11E-06	1.289E+10
3.00E-07	1.090E+11
7.00E-08	1.067E+11
4.00E-08	7.143E+10
2.53E-08	8.906E+10

Fast Neutron Irradiator (FN) Peak Flux at 90 kW:

n-Energy, MeV	FN z=0 90 kW flux, n/cm^2/s
2.00E+01	6.464E+06
1.57E+01	1.159E+07
1.38E+01	4.697E+10
1.40E+00	7.336E+10
3.30E-01	7.203E+10
8.03E-03	5.579E+10
8.00E-05	1.486E+10
2.25E-05	2.256E+10
3.00E-06	1.133E+10

1.11E-06	1.615E+10
3.00E-07	7.488E+10
7.00E-08	6.172E+10
4.00E-08	3.701E+10
2.53E-08	5.081E+10