Region #	name	volume in cubic cm	LE-FISS Star Density Stars/cm**3 /one beam particle	HE-FISS Star Density Stars/cm**3 /one beam particle	NEUTRON Star Density Stars/cm**3 /one beam particle	Star Density Stars/cm**3 /one beam particle
1	rBlkHole	1.000000000E+00	0.000000000E+00	0.000000000E+00	0.000000000E+00	0.000000000E+00
2	rVacBox	1.000000000E+00	0.000000000E+00	0.000000000E+00	0.000000000E+00	0.000000000E+00
3	rTaCont	1.000000000E+00	0.000000000E+00	5.700000000E-05	1.414000000E-03	0.000000000E+00
4	rUO2Tgt	1.000000000E+00	3.122787362E-03	1.011010000E-01	2.244000000E-03	0.000000000E+00
Total (integrated over volume):			3.122787362E-03	1.011580000E-01	3.658000000E-03	0.000000000E+00

Number of stars generated per beam particle:

Prompt radiation	Radioactive decays	
1.4413E-01 (100.%)	0.0000E+00 (100.%)	
1.3800E-04 (0.1%)	0.0000E+00 (0.0%)	generated by TRITON
4.6600E-04 (0.3%)	0.0000E+00 (0.0%)	generated by DEUTERON
1.3950E-01 (96.8%)	0.0000E+00 (0.0%)	generated by PROTON
3.6580E-03 (2.5%)	0.0000E+00 (0.0%)	generated by NEUTRON
2.5100E-04 (0.2%)	0.0000E+00 (0.0%)	generated by PION-

Number of secondaries generated in inelastic interactions per beam particle:

Prompt radiation	Radioactive decays	
2.7381E+00 (100.%)	1.5116E+00 (100.%)	
2.2477E-02 (0.8%)	9.7680E-05 (0.0%)	4-HELIUM
2.0138E-02 (0.7%)	0.0000E+00 (0.0%)	TRITON
2.9234E-02 (1.1%)	0.0000E+00 (0.0%)	DEUTERON
1.6456E-01 (6.0%)	0.0000E+00 (0.0%)	PROTON
7.8143E-01 (28.5%)	4.6504E-01 (30.8%)	PHOTON
1.7091E+00 (62.4%)	0.0000E+00 (0.0%)	NEUTRON
4.2210E-03 (0.2%)	0.0000E+00 (0.0%)	PION+
1.4560E-03 (0.1%)	0.0000E+00 (0.0%)	PION-
4.5090E-03 (0.2%)	0.0000E+00 (0.0%)	PIZERO

Number of high energy fissions generated per beam particle:

Prompt radiation	Radioactive decays	
1.0116E-01 (100.%)	0.0000E+00 (100.%)	
9.9636E-02 (98.5%)	0.0000E+00 (0.0%)	generated by PROTON
1.3380E-03 (1.3%)	0.0000E+00 (0.0%)	generated by NEUTRON
1.3000E-04 (0.1%)	0.0000E+00 (0.0%)	generated by PION-

Number of decay products produced per beam particle:

Prompt radiation	Radioactive decays	
9.4490E-03 (100.%)	0.0000E+00 (100.%)	
4.9000E-05 (0.5%)	0.0000E+00 (0.0%)	ELECTRON
8.7000E-05 (0.9%)	0.0000E+00 (0.0%)	POSITRON
3.8000E-05 (0.4%)	0.0000E+00 (0.0%)	NEUTRIE
8.9690E-03 (94.9%)	0.0000E+00 (0.0%)	PHOTON
1.0500E-04 (1.1%)	0.0000E+00 (0.0%)	MUON+
2.9000E-05 (0.3%)	0.0000E+00 (0.0%)	MUON-
1.0500E-04 (1.1%)	0.0000E+00 (0.0%)	NEUTRIM
6.7000E-05 (0.7%)	0.0000E+00 (0.0%)	ANEUTRIM

Number of stopping particles per beam particle:

Prompt radiation	Radioactive decays	
7.9907E-02 (100.%)	9.7680E-05 (100.%)	
2.1641E-02 (27.1%)	9.7680E-05 (****%)	4-HELIUM
8.6900E-04 (1.1%)	0.0000E+00 (0.0%)	3-HELIUM
1.6387E-02 (20.5%)	0.0000E+00 (0.0%)	TRITON
1.4105E-02 (17.7%)	0.0000E+00 (0.0%)	DEUTERON
2.6528E-02 (33.2%)	0.0000E+00 (0.0%)	PROTON
6.8000E-05 (0.1%)	0.0000E+00 (0.0%)	PIZERO

Number of secondaries created by low energy neutron per beam particle:

Prompt radiation	Radioactive decays	
1.5222E-01 (100.%)	0.0000E+00 (100.%)	
6.9809E-02 (45.9%)	0.0000E+00 (0.0%)	NEUTRON
9.9220E-03 (6.5%)	0.0000E+00 (0.0%)	fission NEUTRON
9.9220E-03 (6.5%)	0.0000E+00 (0.0%)	PHOTON