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LOW_BIAS

1Region # name     volume         LE-FISS  Star Density   HE-FISS  Star Density   NEUTRON  Star Density             Star Density
                in cubic cm       Stars/cm**3             Stars/cm**3             Stars/cm**3             Stars/cm**3
                                  /one beam particle      /one beam particle      /one beam particle      /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         5.200000000E-05         1.371000000E-03         0.000000000E+00
      4 rUO2Tgt  1.000000000E+00         1.064127666E-04         1.011490000E-01         2.346000000E-03         0.000000000E+00
 Total (integrated over volume):         1.064127666E-04         1.012010000E-01         3.717000000E-03         0.000000000E+00


Number of stars generated per beam particle:
Prompt radiation      Radioactive decays
1.4397E-01 (100.%)   0.0000E+00 (100.%)
1.2000E-04 ( 0.1%)   0.0000E+00 ( 0.0%) generated by TRITON
4.7100E-04 ( 0.3%)   0.0000E+00 ( 0.0%) generated by DEUTERON
1.3933E-01 (96.8%)   0.0000E+00 ( 0.0%) generated by PROTON
3.7170E-03 ( 2.6%)   0.0000E+00 ( 0.0%) generated by NEUTRON
2.3900E-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
2.7327E+00 (100.%)   1.4161E+00 (100.%)
2.2220E-02 ( 0.8%)   1.1736E-04 ( 0.0%) 4-HELIUM
2.0137E-02 ( 0.7%)   0.0000E+00 ( 0.0%) TRITON
2.9320E-02 ( 1.1%)   0.0000E+00 ( 0.0%) DEUTERON
7.7915E-01 (28.5%)   4.3171E-01 (30.5%) PHOTON
1.7073E+00 (62.5%)   0.0000E+00 ( 0.0%) NEUTRON
4.1750E-03 ( 0.2%)   0.0000E+00 ( 0.0%) PION+
1.4370E-03 ( 0.1%)   0.0000E+00 ( 0.0%) PION-
4.5590E-03 ( 0.2%)   0.0000E+00 ( 0.0%) PIZERO


Number of high energy fissions generated per beam particle:
Prompt radiation      Radioactive decays
1.0120E-01 (100.%)   0.0000E+00 (100.%)
9.9677E-02 (98.5%)   0.0000E+00 ( 0.0%) generated by PROTON
1.3620E-03 ( 1.3%)   0.0000E+00 ( 0.0%) generated by NEUTRON
1.1800E-04 ( 0.1%)   0.0000E+00 ( 0.0%) generated by PION-


Number of decay products produced per beam particle:
Prompt radiation      Radioactive decays
9.6360E-03 (100.%)   0.0000E+00 (100.%)
9.0630E-03 (94.1%)   0.0000E+00 ( 0.0%) PHOTON
1.3100E-04 ( 1.4%)   0.0000E+00 ( 0.0%) MUON+
3.9000E-05 ( 0.4%)   0.0000E+00 ( 0.0%) MUON-
1.3100E-04 ( 1.4%)   0.0000E+00 ( 0.0%) NEUTRIM
8.0000E-05 ( 0.8%)   0.0000E+00 ( 0.0%) ANEUTRIM


Number of stopping particles per beam particle:
Prompt radiation      Radioactive decays
1.4975E+00 (100.%)   1.1736E-04 (100.%)
2.1356E-02 ( 1.4%)   1.1736E-04 (****%) 4-HELIUM
8.3200E-04 ( 0.1%)   0.0000E+00 ( 0.0%) 3-HELIUM
1.6370E-02 ( 1.1%)   0.0000E+00 ( 0.0%) TRITON
1.4007E-02 ( 0.9%)   0.0000E+00 ( 0.0%) DEUTERON
2.6345E-02 ( 1.8%)   0.0000E+00 ( 0.0%) PROTON
1.4182E+00 (94.7%)   0.0000E+00 ( 0.0%) NEUTRON


Number of secondaries created by low energy neutron per beam particle:
Prompt radiation      Radioactive decays
7.4310E-03 (100.%)   0.0000E+00 (100.%)
4.4730E-03 (60.2%)   0.0000E+00 ( 0.0%) NEUTRON
3.4700E-04 ( 4.7%)   0.0000E+00 ( 0.0%) fission NEUTRON
3.4700E-04 ( 4.7%)   0.0000E+00 ( 0.0%) PHOTON
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