| Tal1 | Accepted | Serpent | MCNP |
|---|---|---|---|
| Tal1, Det1, current | 5.72049E-01+/-0.0029 | 5.70676E-01+/-0.00034 | 5.72793E-01+/-0.0013 |
| Tal1, Det2, surf flux | 9.13105E-04+/-0.0049 | 9.11357E-04 0.01058 | 9.14085E-4+/-0.005 |
| Tal1, Det3, cell flux | 2.41661E-03+/-0.0029 | 2.41464E-03+/-0.00042 | 2.41672E-03+/-0.0013 |

| Tal2-4 | Serpent | MCNP |
|---|---|---|
| Keff | 0.10257 +/- 0.00009 | 0.10263+/-0.00011 |
| Tal2, Det1, flux in fuel | 3.24416E-03+/-0.00078 | 3.24823E-03+/-0.0006 |
| Tal2, Det2, fission in fuel | 1.70947E-04 0.00088 | 1.71051E-04+/-0.0008 |
| Tal2, Det3, flux at fuel surface | 1.63086E-03 0.00296 | 1.69638E-03+/-0.0007 |
| Tal2, Det4, flux at clad surface | 1.36084E-03 0.00302 | 1.38121E-03+/-0.0007 |
| Tal3, Det1a, , flux in fuel, 0:6.25e-7:20 | 1.55718E-08 0.18507 3.23759E-03 0.00075 | 1.31112E-08 0.2791 3.25185E-03 0.0006 |
| Tal3, Det1b, flux in clad cell, 0:6.25e-7:20 | 4.05027E-08 0.27420 1.50604E-03 0.00148 | 4.07598E-08 0.2672 1.50594E-03 0.0006 |
| Tal3, Det1c, flux in water cell, 0:6.25e-7:20 | 3.10204E-08 0.13823 7.50422E-04 0.00073 | 3.28031E-08 0.1417 7.50691E-04 0.0005 |
| Tal4, Det1, partial current fuel surf | 2.24537E-02 0.00359 9.66923E-01 0.00009 | 2.23351E-02 0.0047 9.68186E+01 0.0001 |
| Tal4, Det1b, partial current clad surf | 1.95972E-02 0.00371 9.64028E-01 0.00008 | 1.96223E-02 0.0051 9.65435E+01 0.0001 |

Tal5

```
0.00000E+00  0.00000
0.00000E+00  0.00000
3.86704E-05  0.01955
2.40822E-04  0.00914
4.10509E-04  0.00737
4.10206E-04  0.00688
2.42895E-04  0.00850
3.95016E-05  0.02030
0.00000E+00  0.00000
0.00000E+00  0.00000
0.00000E+00  0.00000
1.10268E-04  0.01157
6.35985E-04  0.00549
1.08899E-03  0.00462
1.35041E-03  0.00394
1.33618E-03  0.00433
1.08935E-03  0.00452
6.31785E-04  0.00594
1.09642E-04  0.01228
0.00000E+00  0.00000
3.82388E-05  0.02016
6.27261E-04  0.00590
1.33913E-03  0.00443
1.89929E-03  0.00364
2.21384E-03  0.00337
2.21759E-03  0.00314
1.89411E-03  0.00363
1.34471E-03  0.00456
```