|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Fuel Assembly | | | | |
| Group | Σsg→g‘ | D | Σa | νΣf |
| 1 | 0.0181930 | 1.0933622 | 0.0092144 | 0.0065697 |
| 2 | 0.0013089 | 0.3266693 | 0.0778104 | 0.1312600 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reflector | | | | |
| Group | Σsg→g‘ | D | Σa | νΣf |
| 1 | 0.0255380 | 1.1245305 | 0.0008996 | 0.0000000 |
| 2 | 0.0001245 | 0.7503114 | 0.0255590 | 0.0000000 |

For control rod, flux = 0 is a boundary condition. Thus, neutronic data for control rod material is unnecessary.