```
* RINSC leu fuel cell sideplate XS     7/98
CELL  6
NPLATE  1
SEQUENCE  2
NGROUP 34 7 7
NMESH  6  6
NREGION  2  0  2
NMATERIAL  2  1
PREOUT
LAST PRELUDE CARD
INITITIATE
1st MAIN DATA CARD
SLAB  1  3.04250  1
Fuel Region
SLAB  2  3.88600  2
SidePlate
MESH  4  2
MATERIAL  1  -1  300.0  1  27  1.8593E-02  29  8.5470E-04      $
Fuel Zone
          235.1  2.5240E-04  238.1  1.0126E-03  149 1.00E-20   $
          135  1.000E-20   3239.1  1.000E-20                   $
          240.1  1.000E-20  241.1  1.000E-20  242.1  1.000E-20     $
          1241.1  1.000E-20  1149  1.000E-20  2135  1.000E-20      $
          236.1  1.00E-20  1238.1 1.000E-20 237.1 1.00E-20         $
          10 6.4416E-08  11 2.6125E-07 2001 4.2824E-02             $
          16 2.1412E-02
MATERIAL  2  -1  300.0  3  27  4.0765E-02 2001  2.1636E-02          $
sideplatead
          16  1.0818E-02  10 2.0200E-07 11 8.1922E-07
FEWGROUPS  3  5  6  8 10 13 15 16 18 20 22 24 26 27 29 32 34 37  $
           38 40 42 44 45 47 50 52 54 56 59 60 61 64 66 69
POWERC 1 519 0.0 1
BEGINC
end of DATA
OPTION  3
full edit
BUCKLING  2.77E-03 2.33E-03
B-sq no eff on xs
LEAKAGE   5 1
BEEONE 0 7
PARTITION 5 15 27 45 52 59 69
RR EDIT
THERMAL  10
REGION  2 2 1 2
ISOXS   0  1  0  0  0  1  1  0  0
HUSE
RINSC isotxs
HSETID
RINSC LEU Be
ISOTOPES  2001 16 10 11 27
ISONAMES
HS4   OS4   B10S4 B11S4 ALS4
EDITCELLS  0 1
```

```
VECTOR  2 7 14 23 26 29 34
relate FEWGROUPS
BEGINC
```