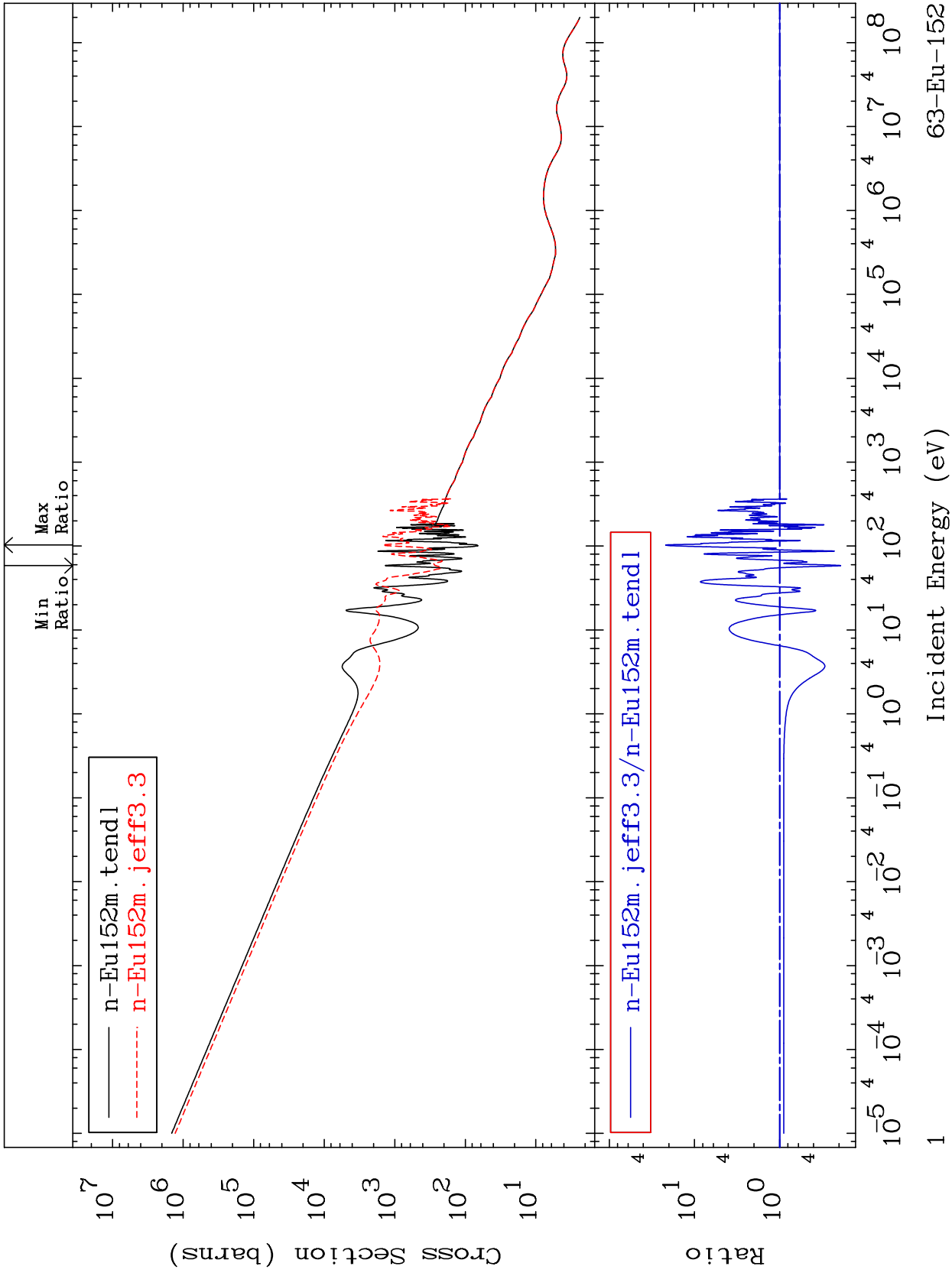


MAT 6329

Total Cross Section  
63-Eu-152  
-80.84 To 2089. %

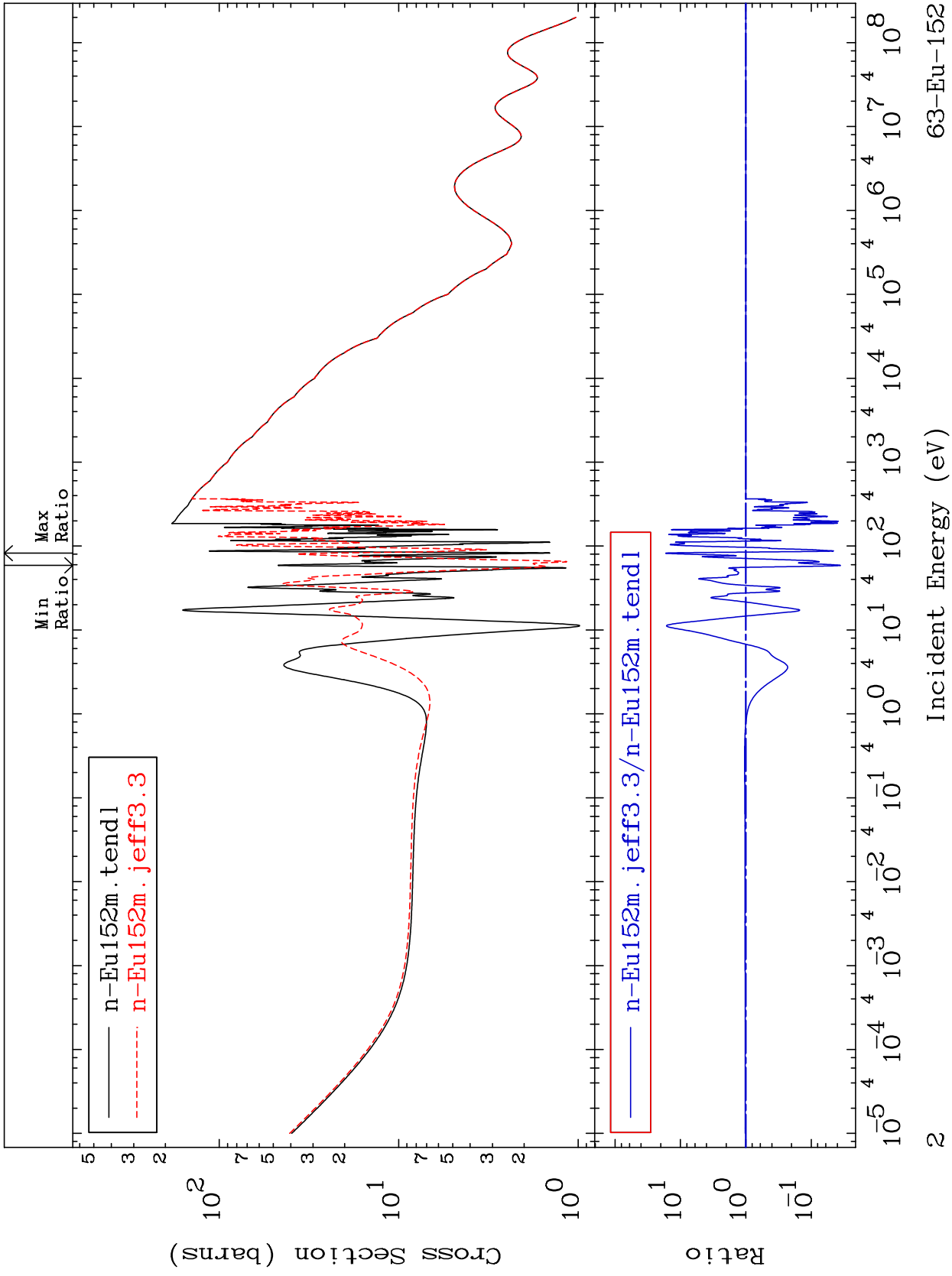


63-Eu-152

MAT 6329

Elastic  
Cross Section

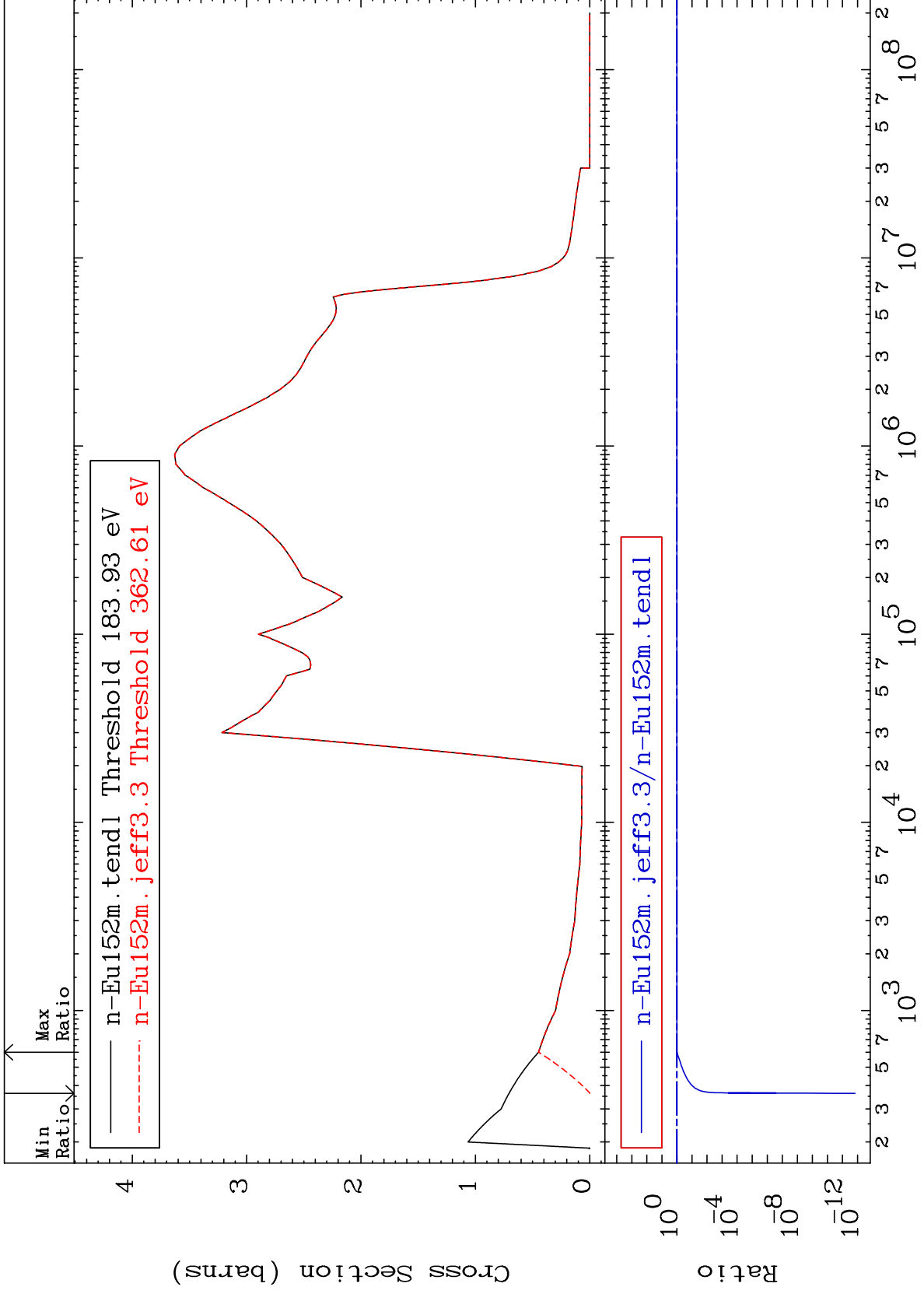
63-Eu-152  
-96.44 To 1591. %



MAT 6329

Inelastic  
Cross Section

63-Eu-152  
-100.0 To 0.001 %



MAT 6329

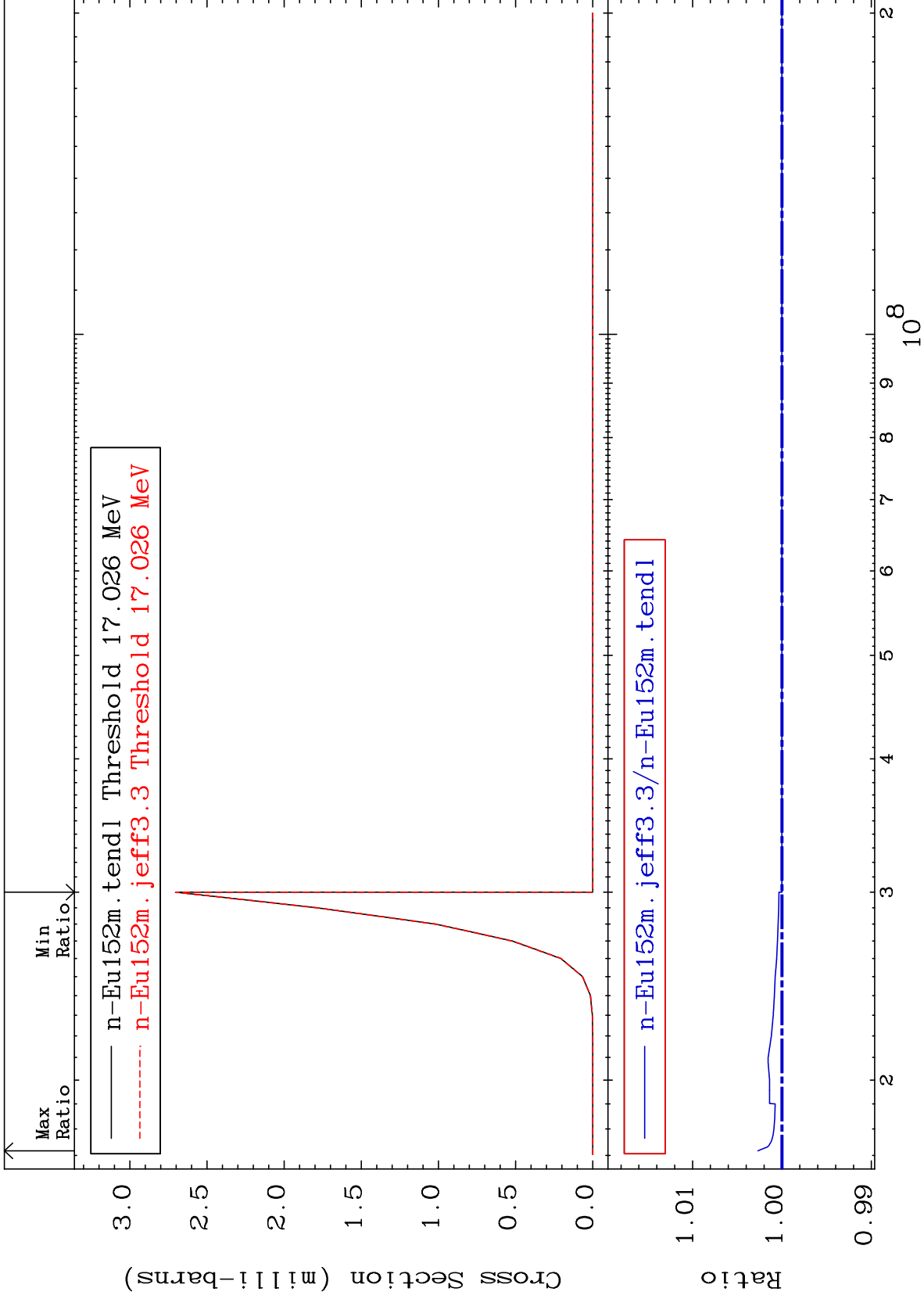
(n,2n) d

63-Eu-152

Cross Section

0.000

To 0.270 %



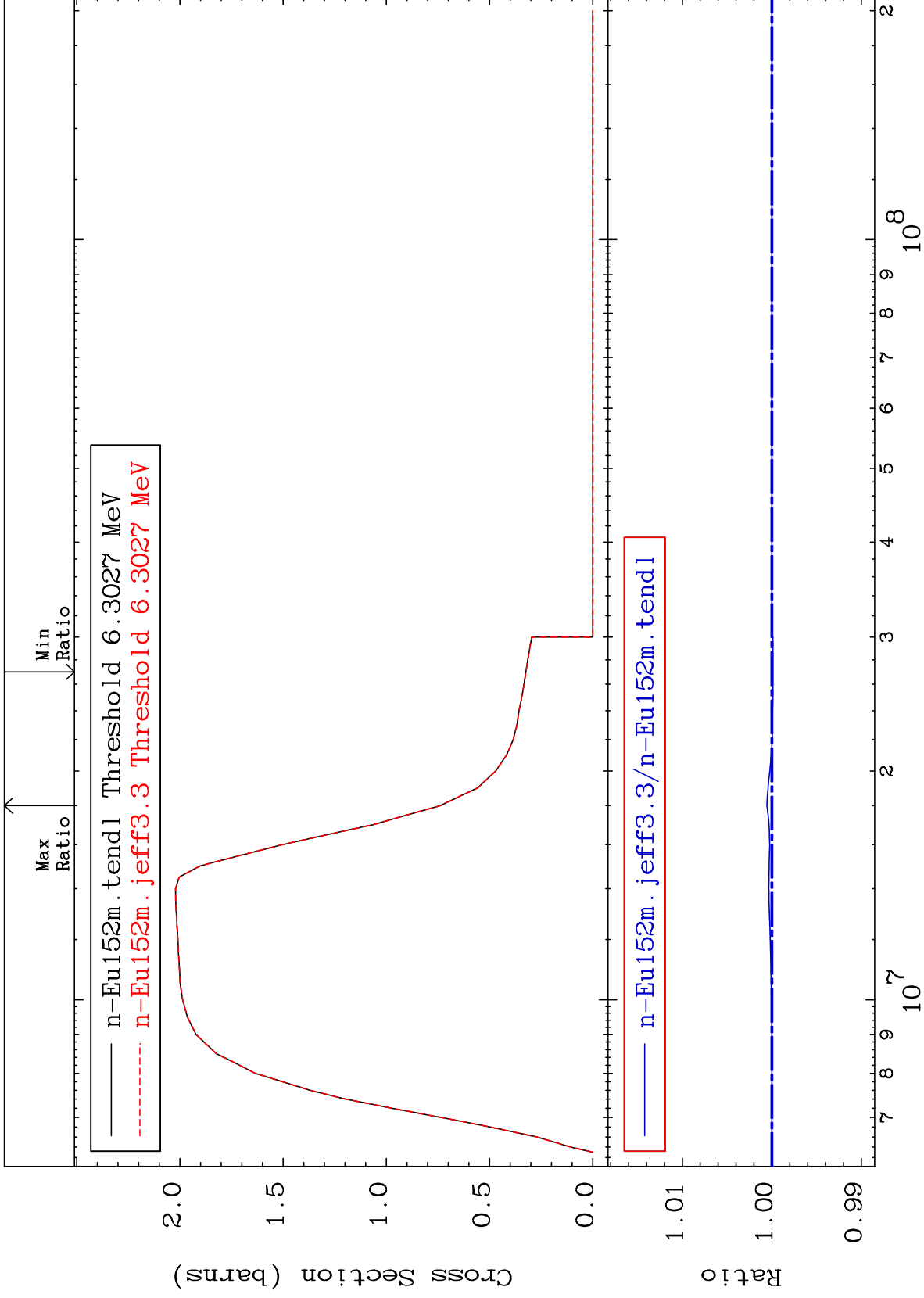
MAT 6329

(n,2n)

63-Eu-152

Cross Section

-0.013 To 0.056 %



5

Incident Energy (eV)

63-Eu-152

MAT 6329

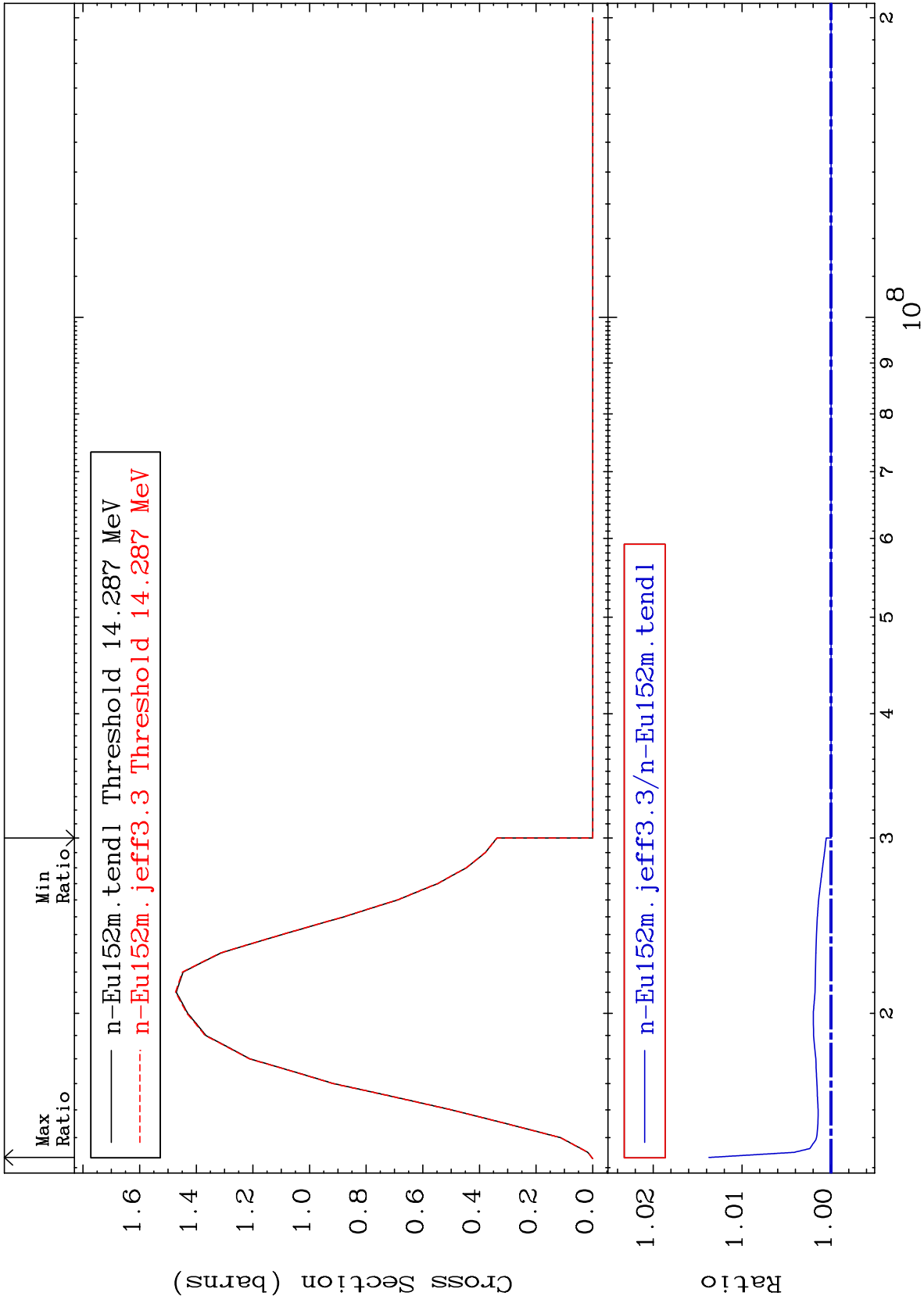
(n,3n)

63-Eu-152

Cross Section

0.000

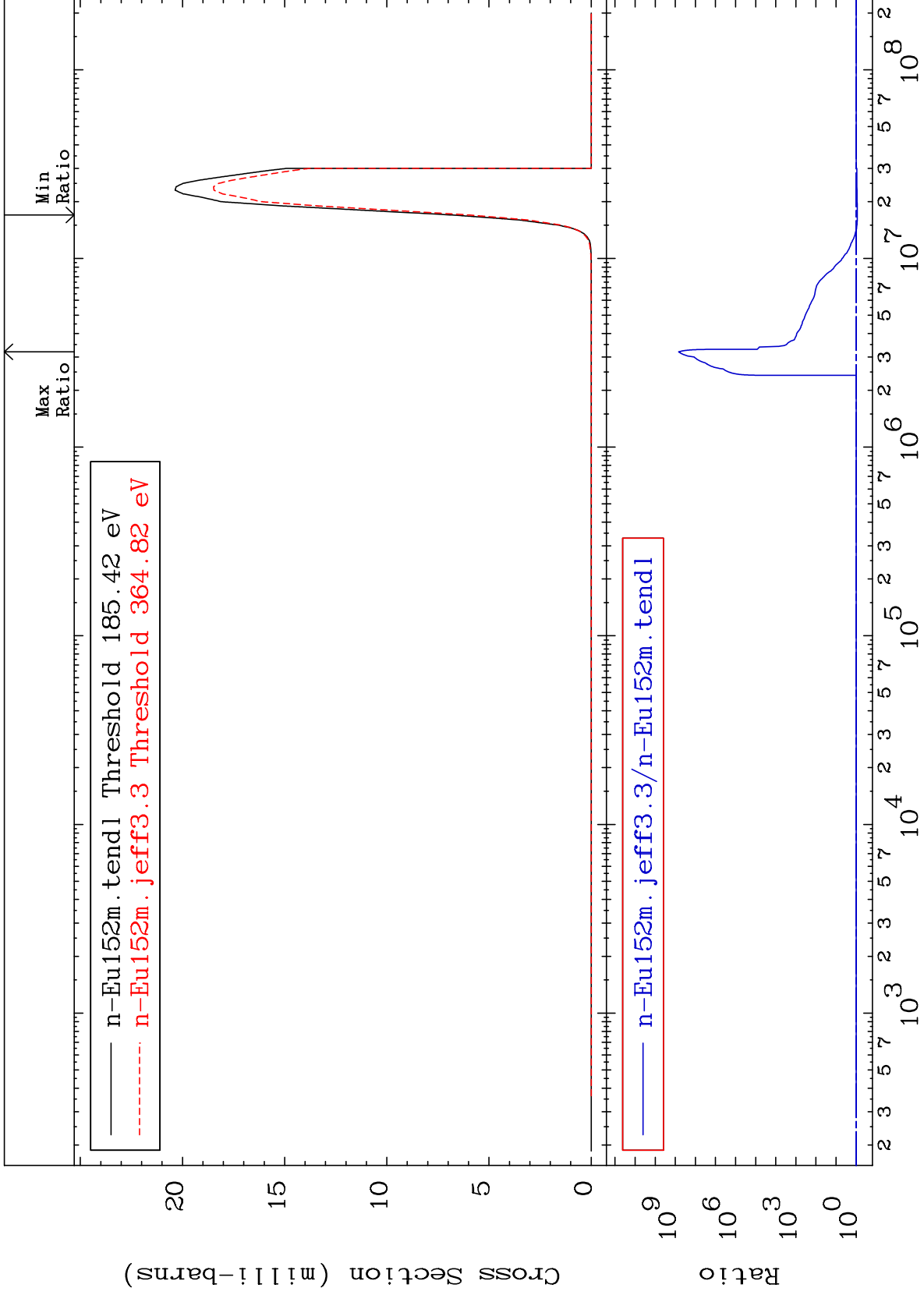
To 1.374 %



MAT 6329

(n, n')  $\alpha$   
Cross Section

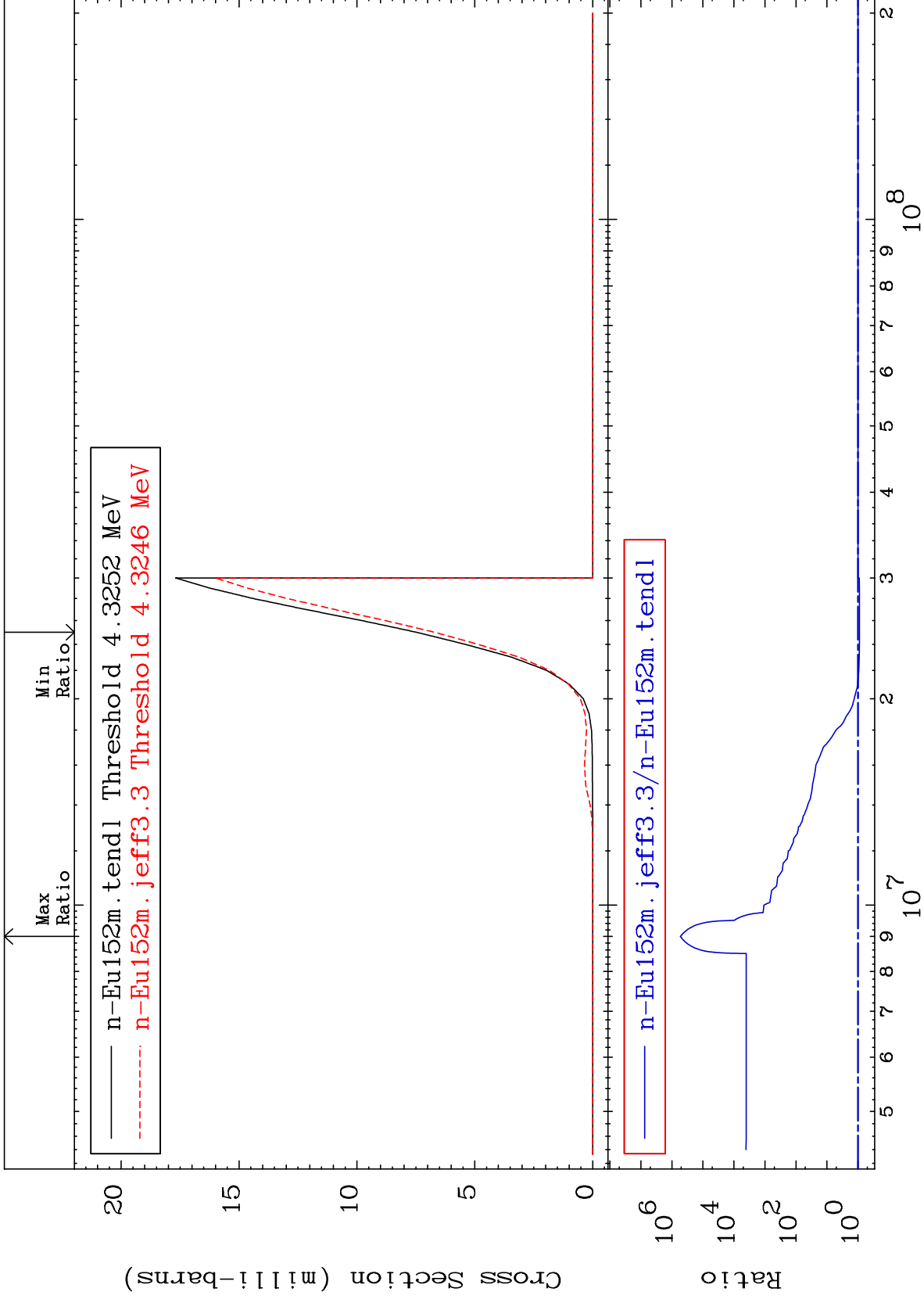
63-Eu-152  
-12.30 To 9999. %



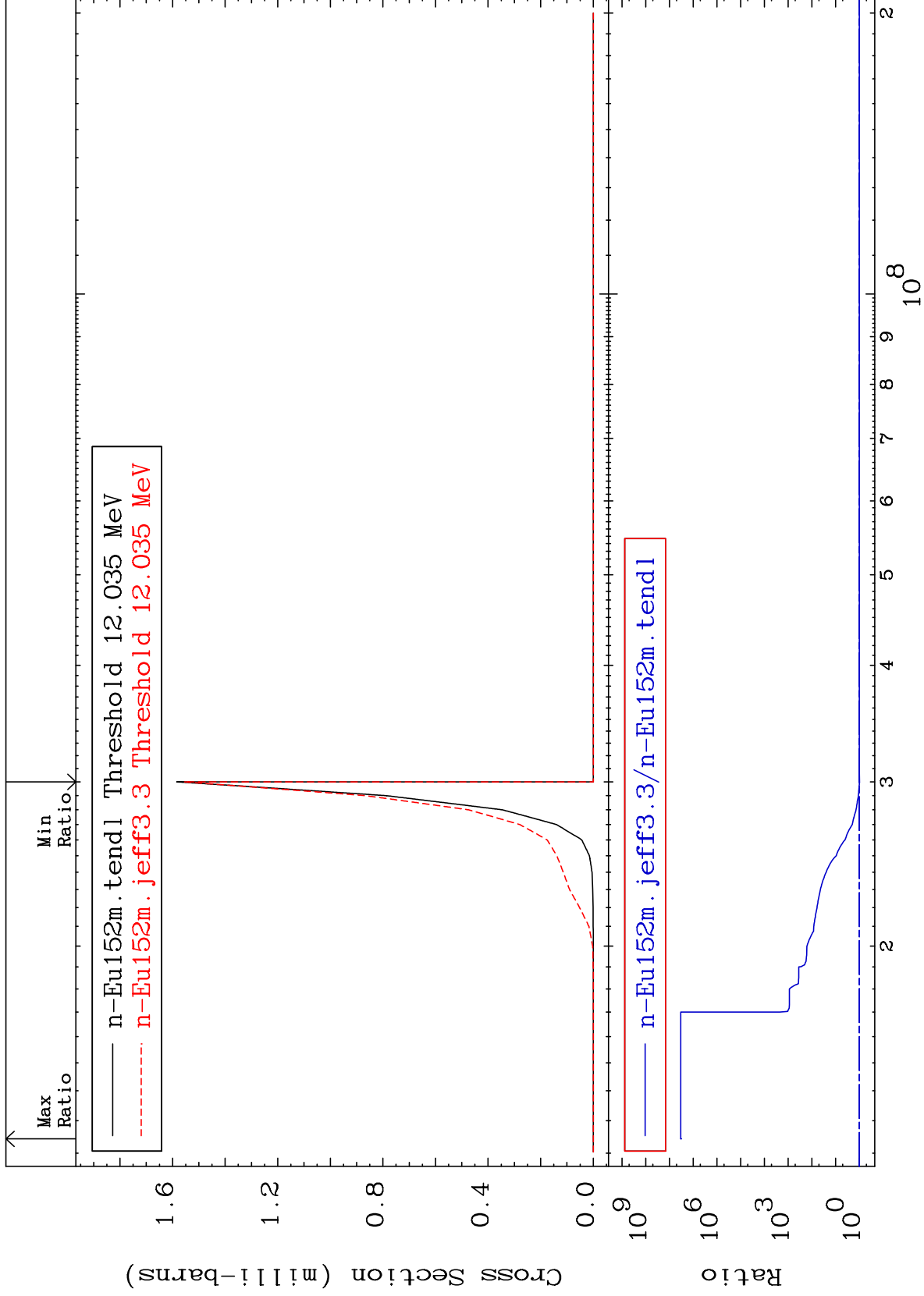
MAT 6329

(n,2n)  $\alpha$   
Cross Section

63-Eu-152  
-10.32 To 9999. %



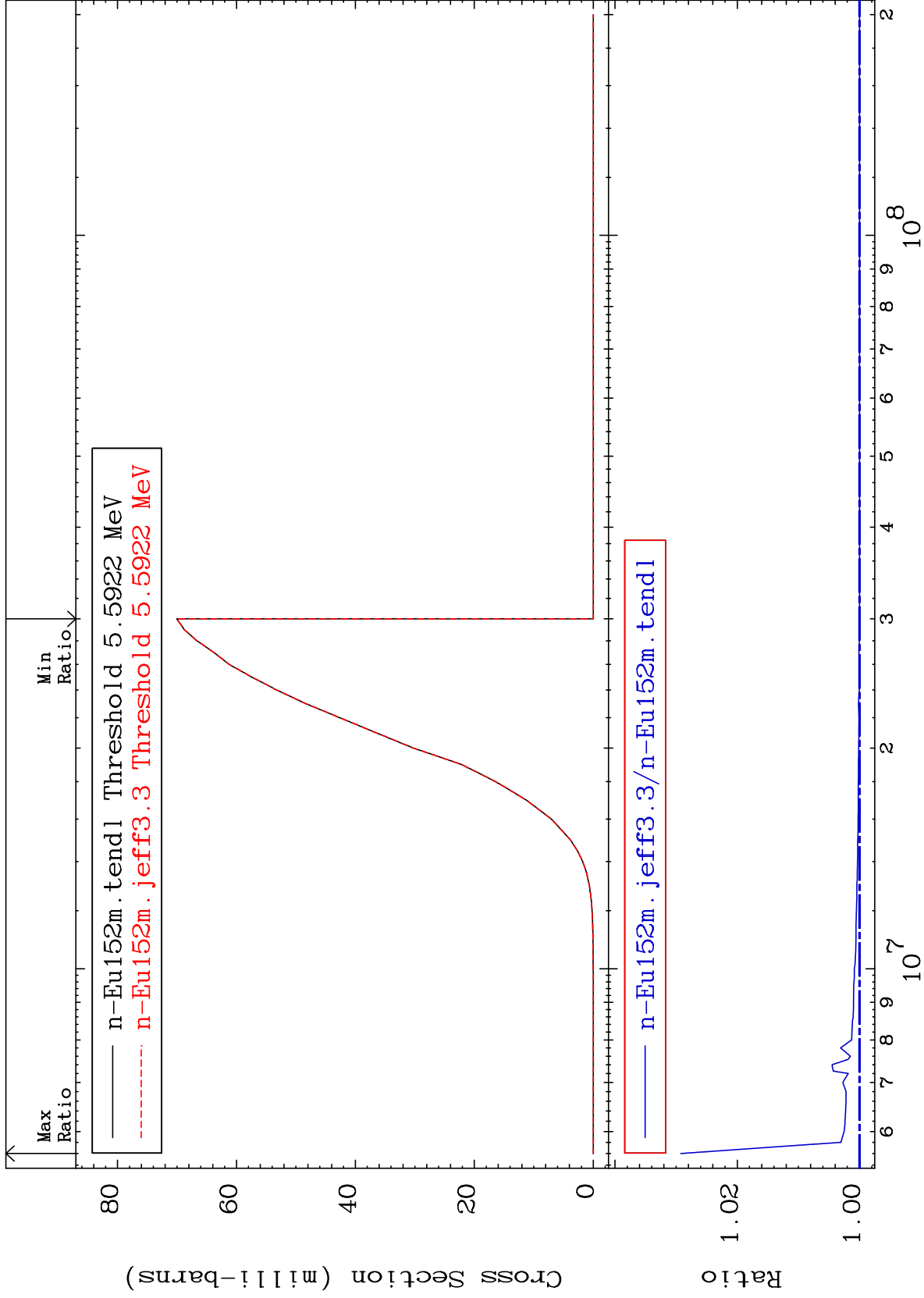




MAT 6329

(n, n') p  
Cross Section

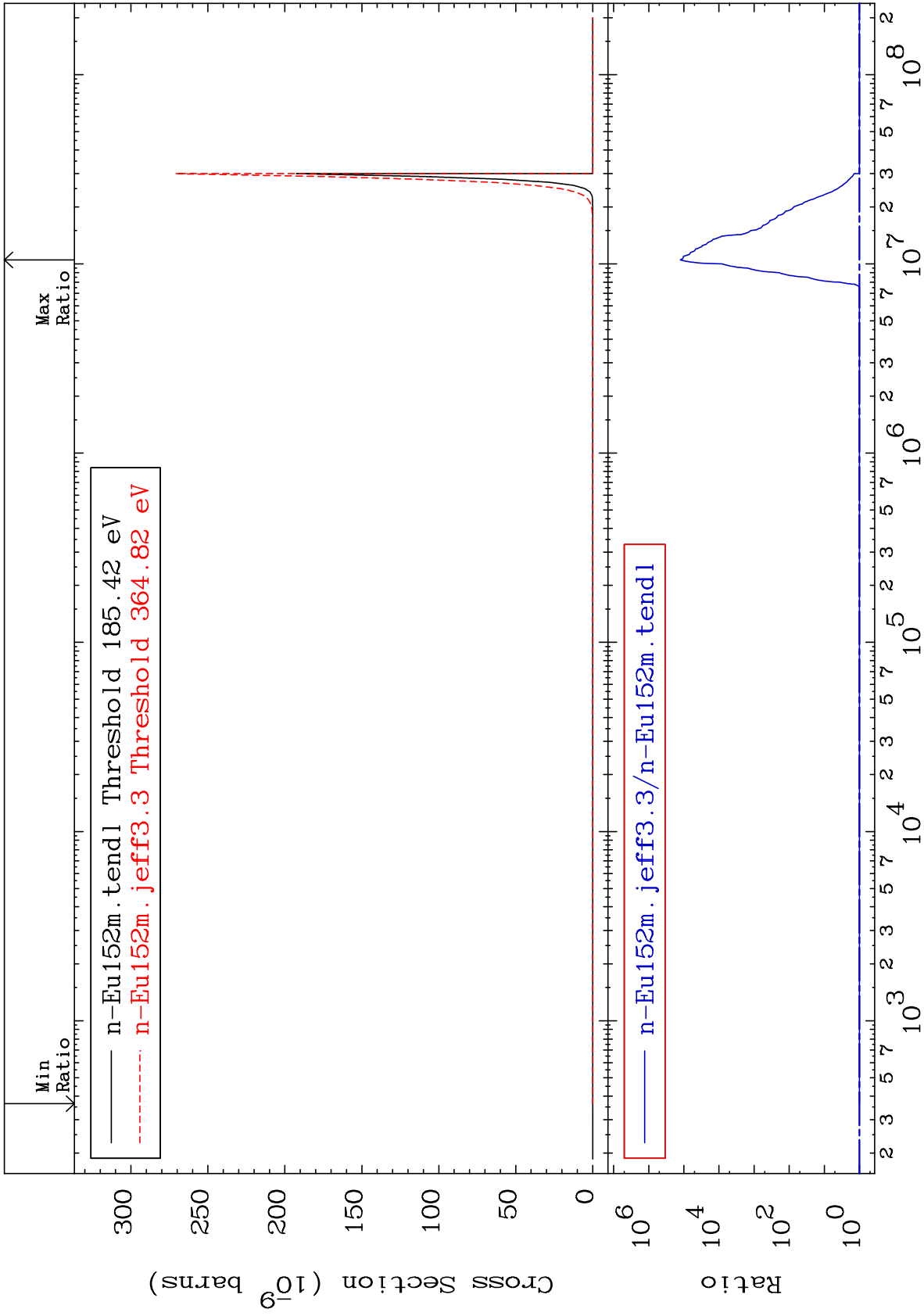
63-Eu-152  
To 2.925 %



MAT 6329

(n, n')  $2\alpha$   
Cross Section

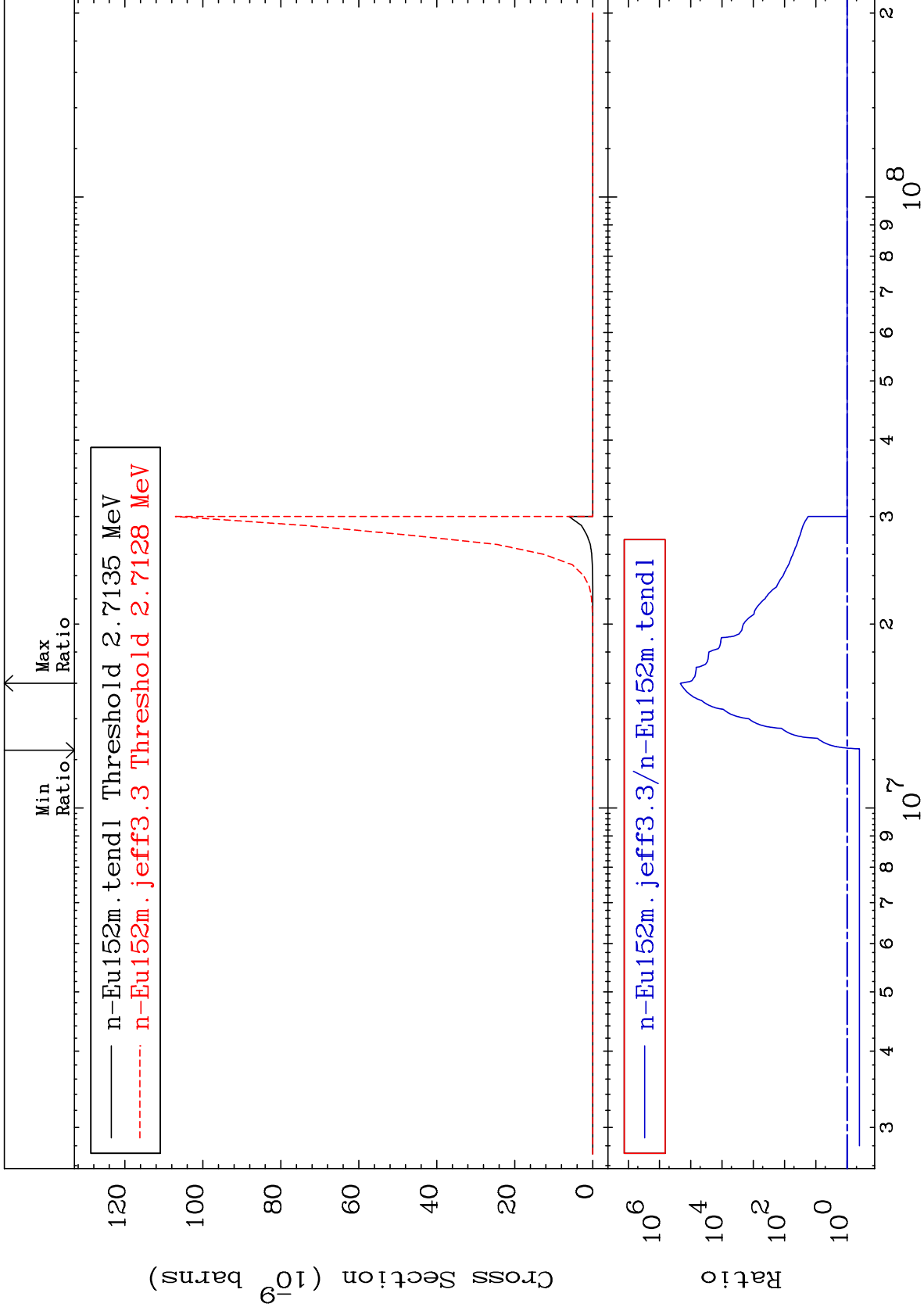
63-Eu-152  
To 9999. %



MAT 6329

(n,2n) 2α  
Cross Section

63-Eu-152  
-59.81 To 9999. %



12

Incident Energy (eV)

63-Eu-152

MAT 6329

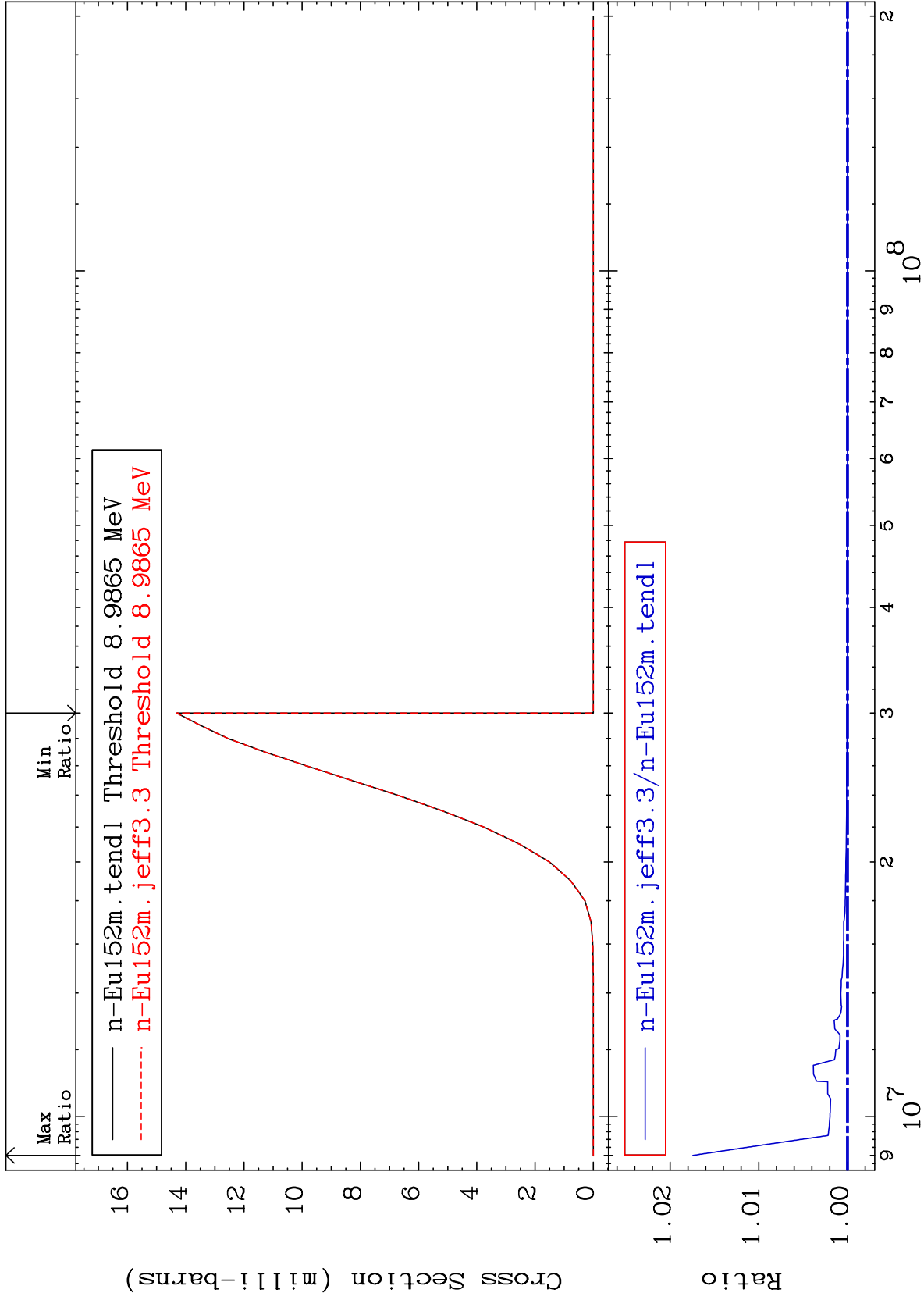
(n,n') d

63-Eu-152

Cross Section

0.000

To 1.744 %



13

63-Eu-152

63-Eu-152

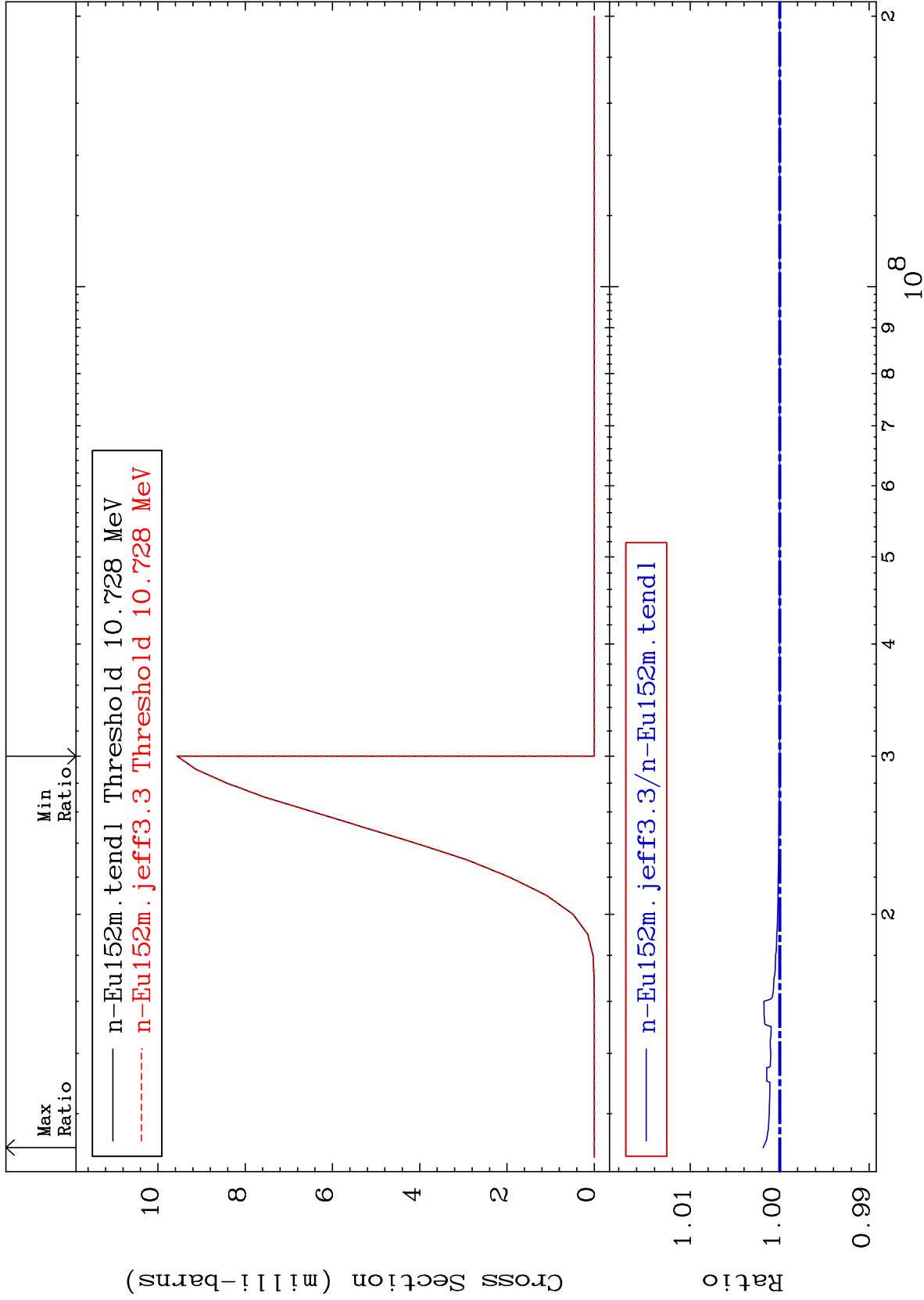
MAT 6329

(n,n') t

63-Eu-152

Cross Section

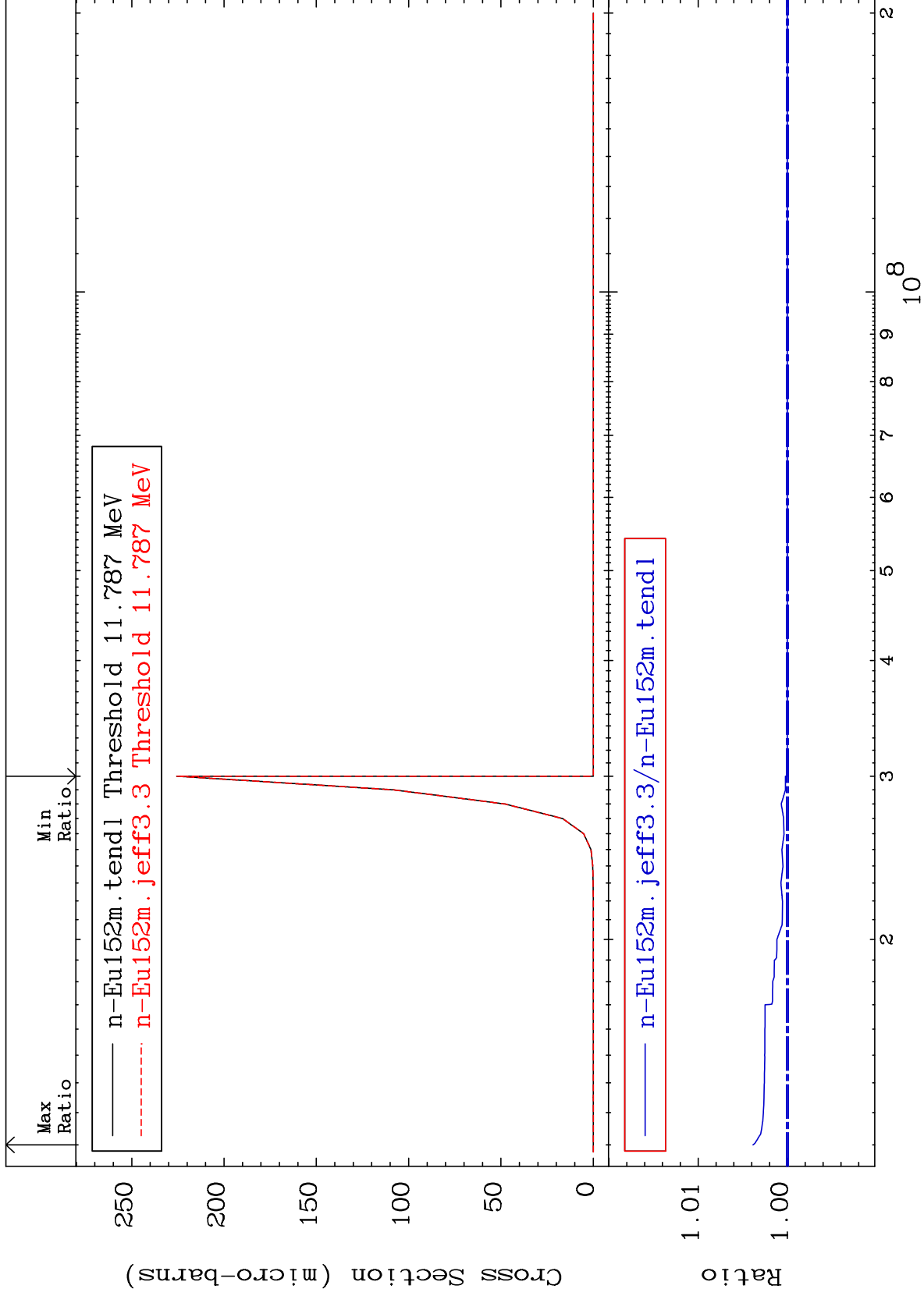
-0.002 To 0.187 %



MAT 6329

(n, n') He-3  
Cross Section

63-Eu-152  
0.000 To 0.386 %



MAT 6329

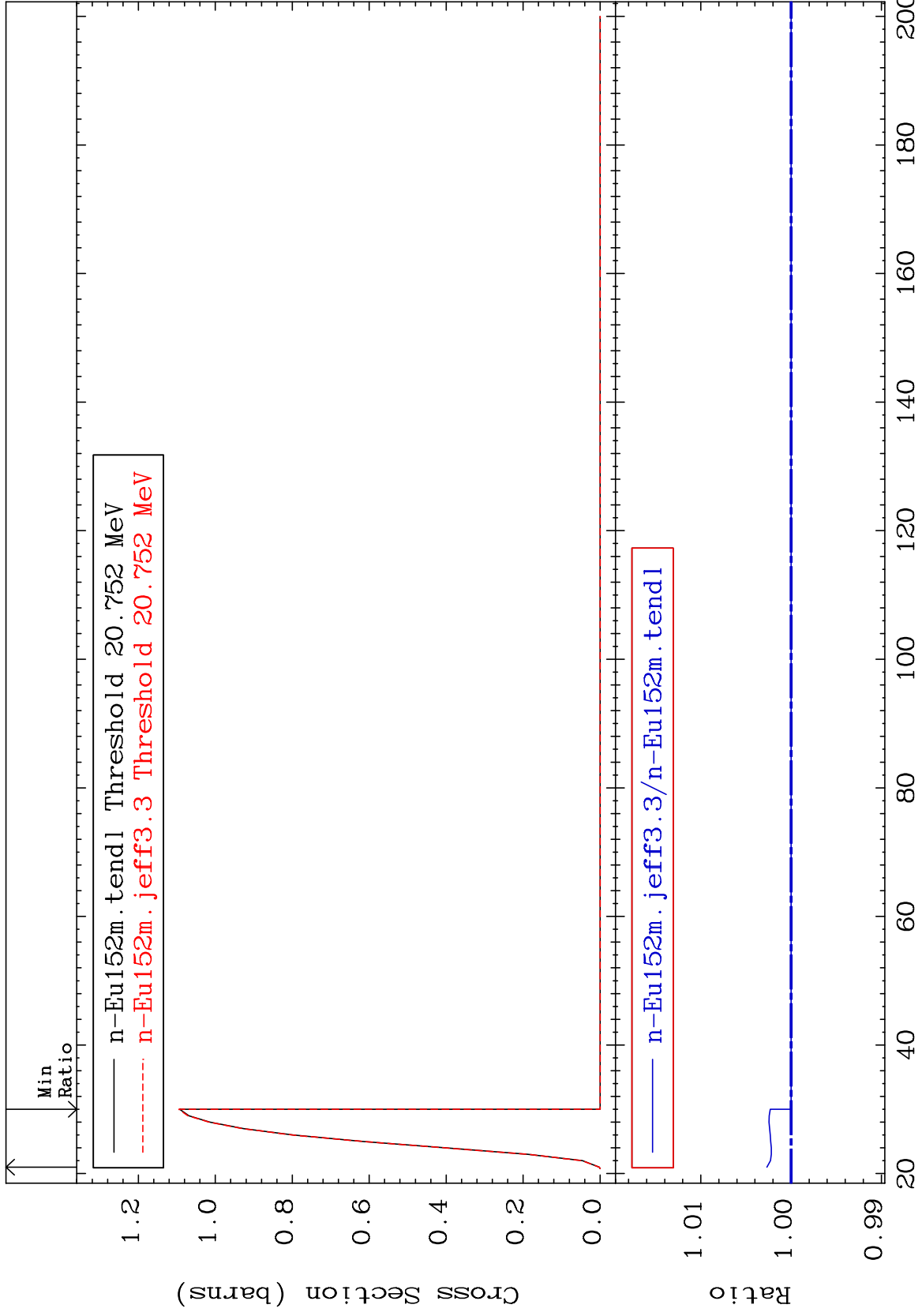
(n,4n)

63-Eu-152

Cross Section

0.000

To 0.267 %

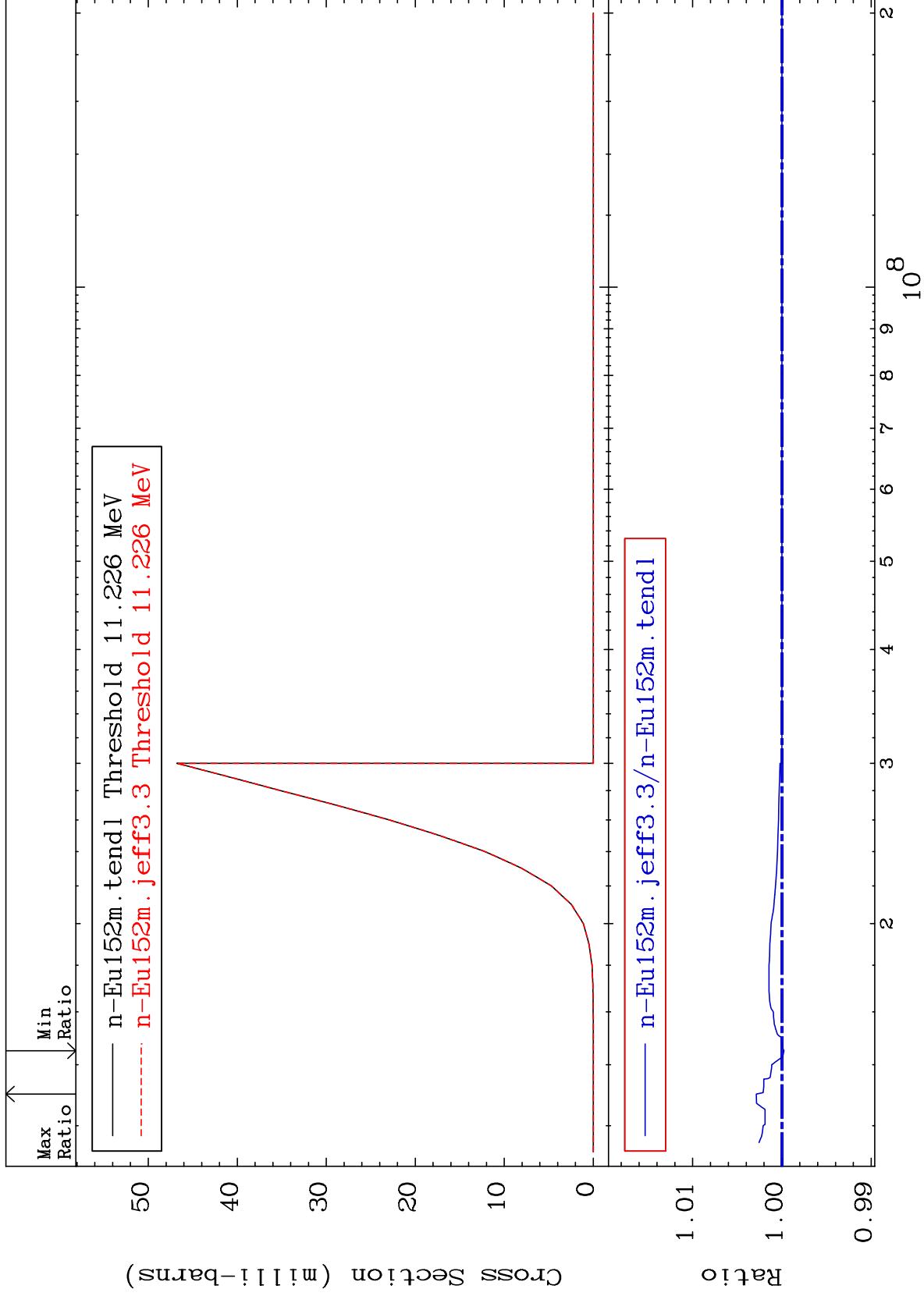




MAT 6329

(n,2n) p  
Cross Section

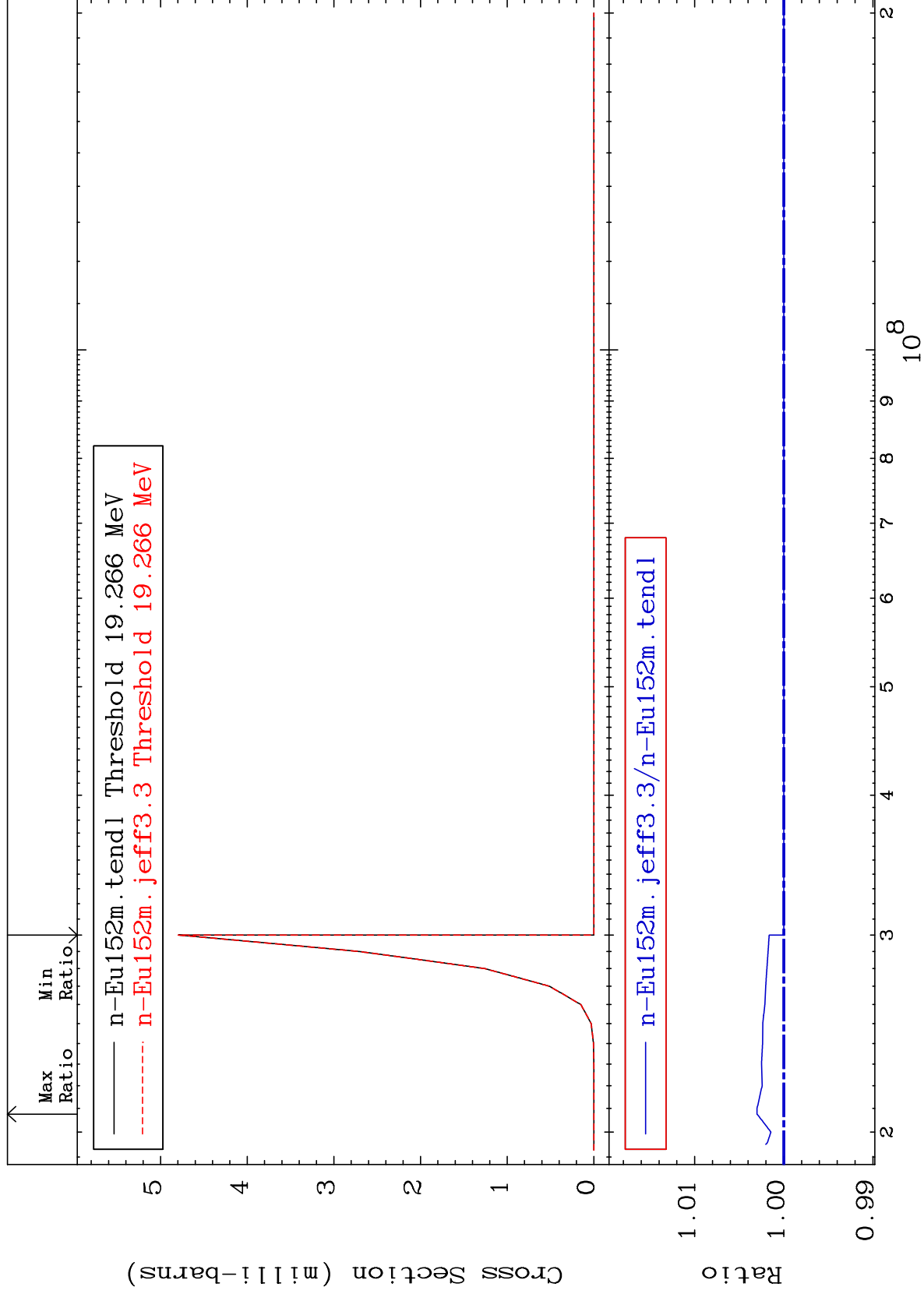
63-Eu-152  
-0.022 To 0.286 %



MAT 6329

(n,3n) p  
Cross Section

63-Eu-152  
To 0.300 %



18

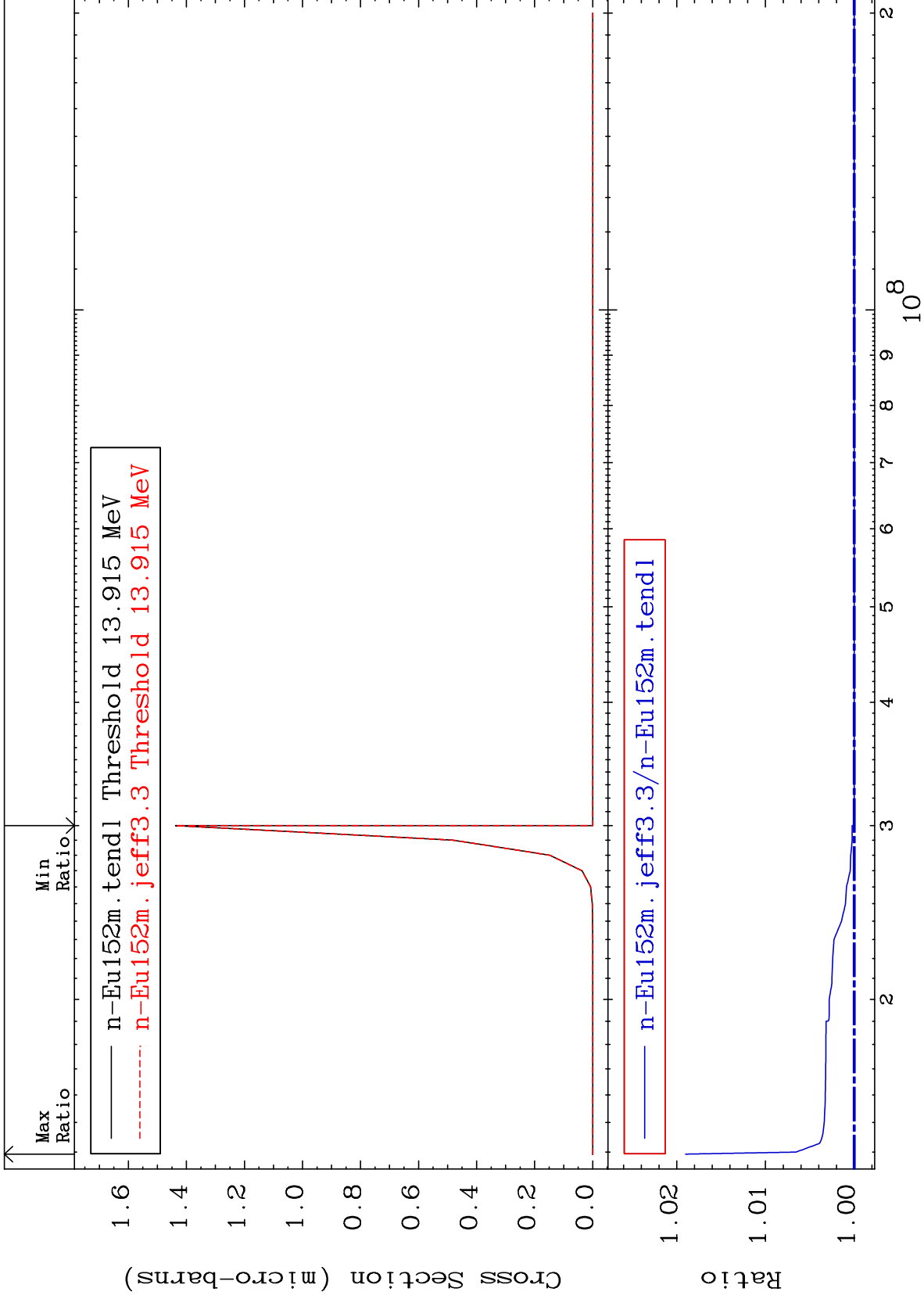
Incident Energy (eV)

63-Eu-152

MAT 6329

(n,2n) p  
Cross Section

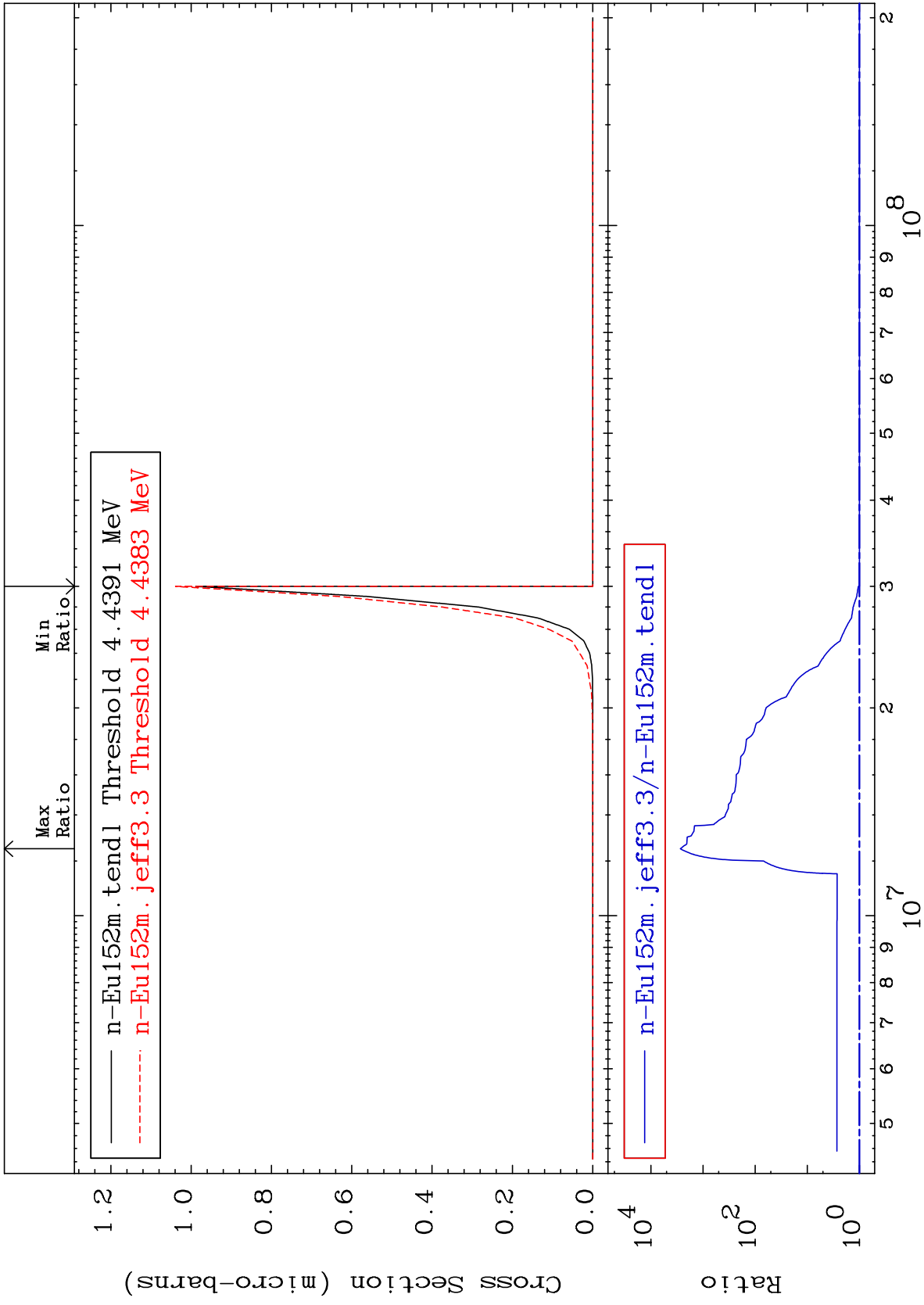
63-Eu-152  
0.000 To 1.901 %



MAT 6329

(n,n') p α  
Cross Section

63-Eu-152  
To 9999. %



20

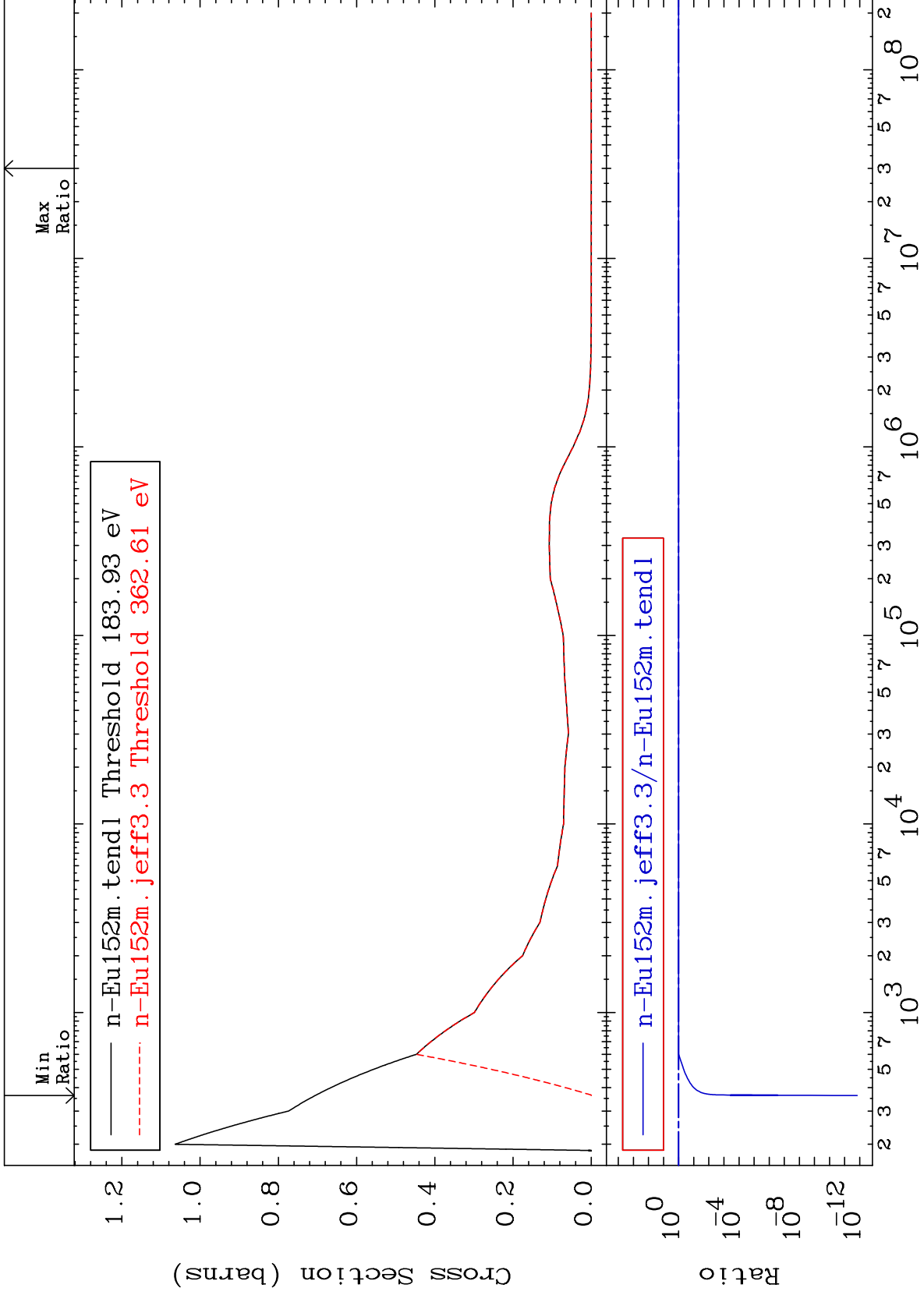
Incident Energy (eV)

63-Eu-152

MAT 6329

MT= 51 (n,n') Level  
Cross Section

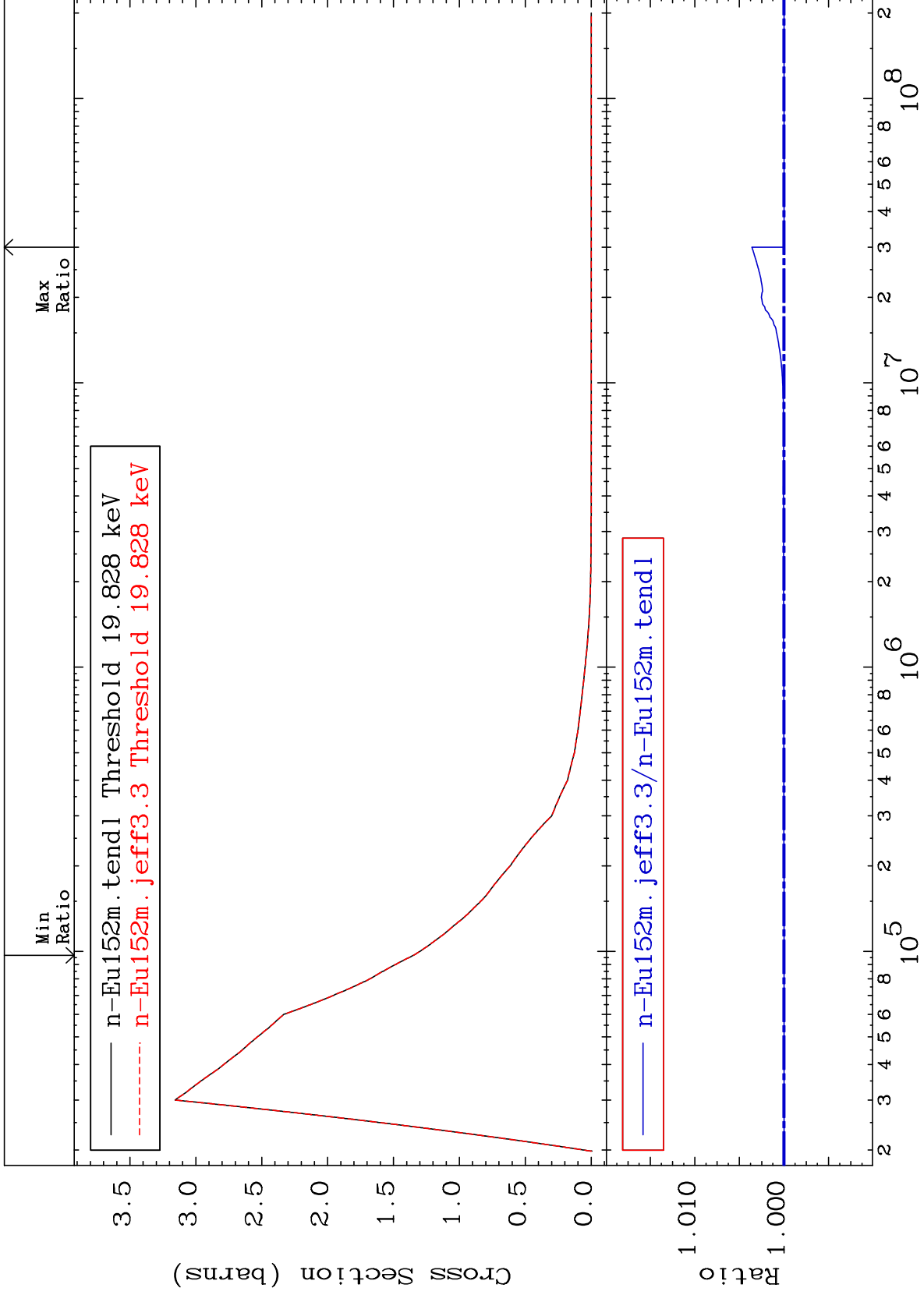
63-Eu-152  
-100.0 To 0.359 %



MAT 6329

MT= 52 (n,n') Level  
Cross Section

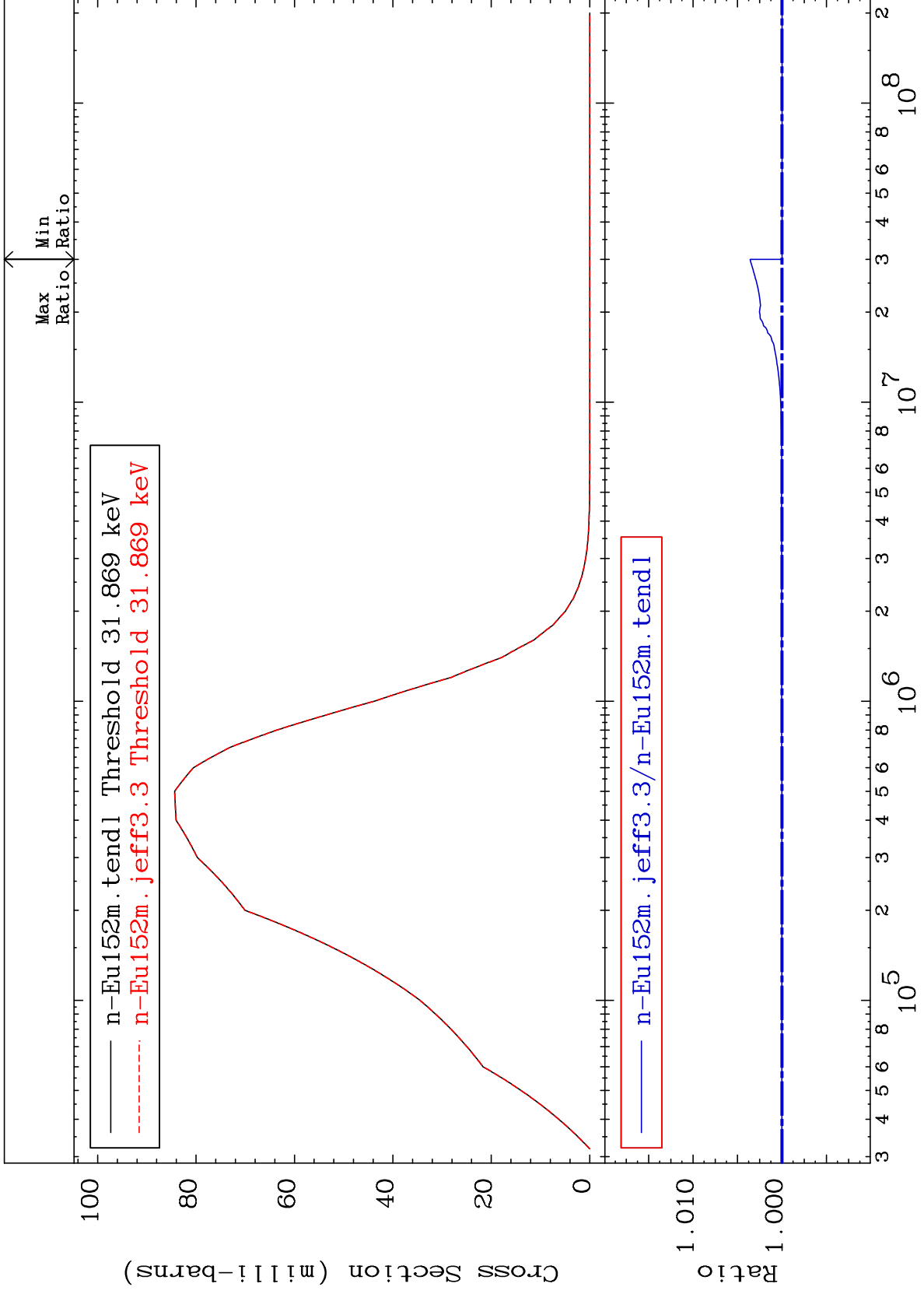
63-Eu-152  
To 0.360 %



MAT 6329

MT= 53 (n,n') Level  
Cross Section

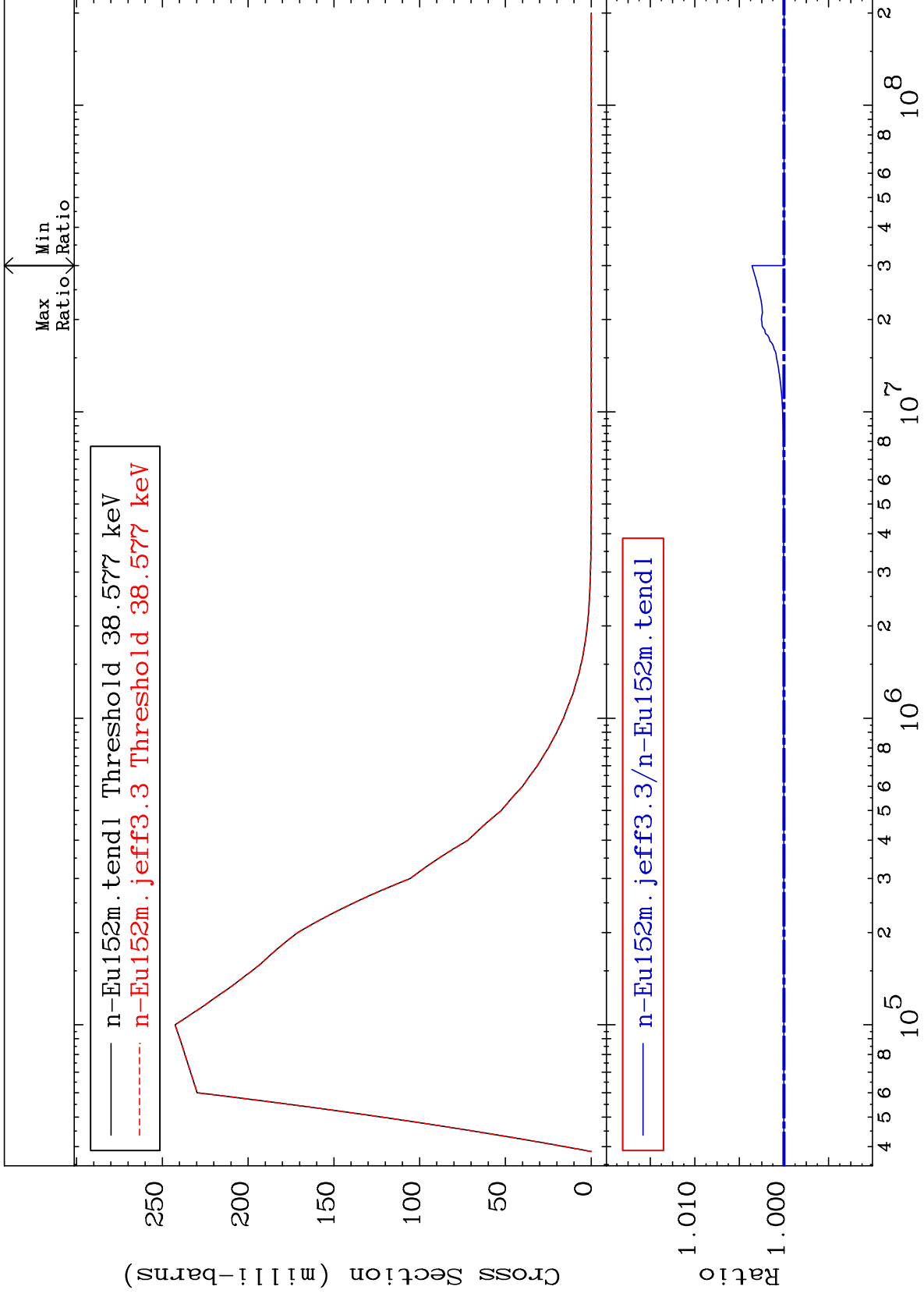
63-Eu-152  
To 0.359 %



MAT 6329

MT= 54 (n,n') Level  
Cross Section

63-Eu-152  
To 0.360 %

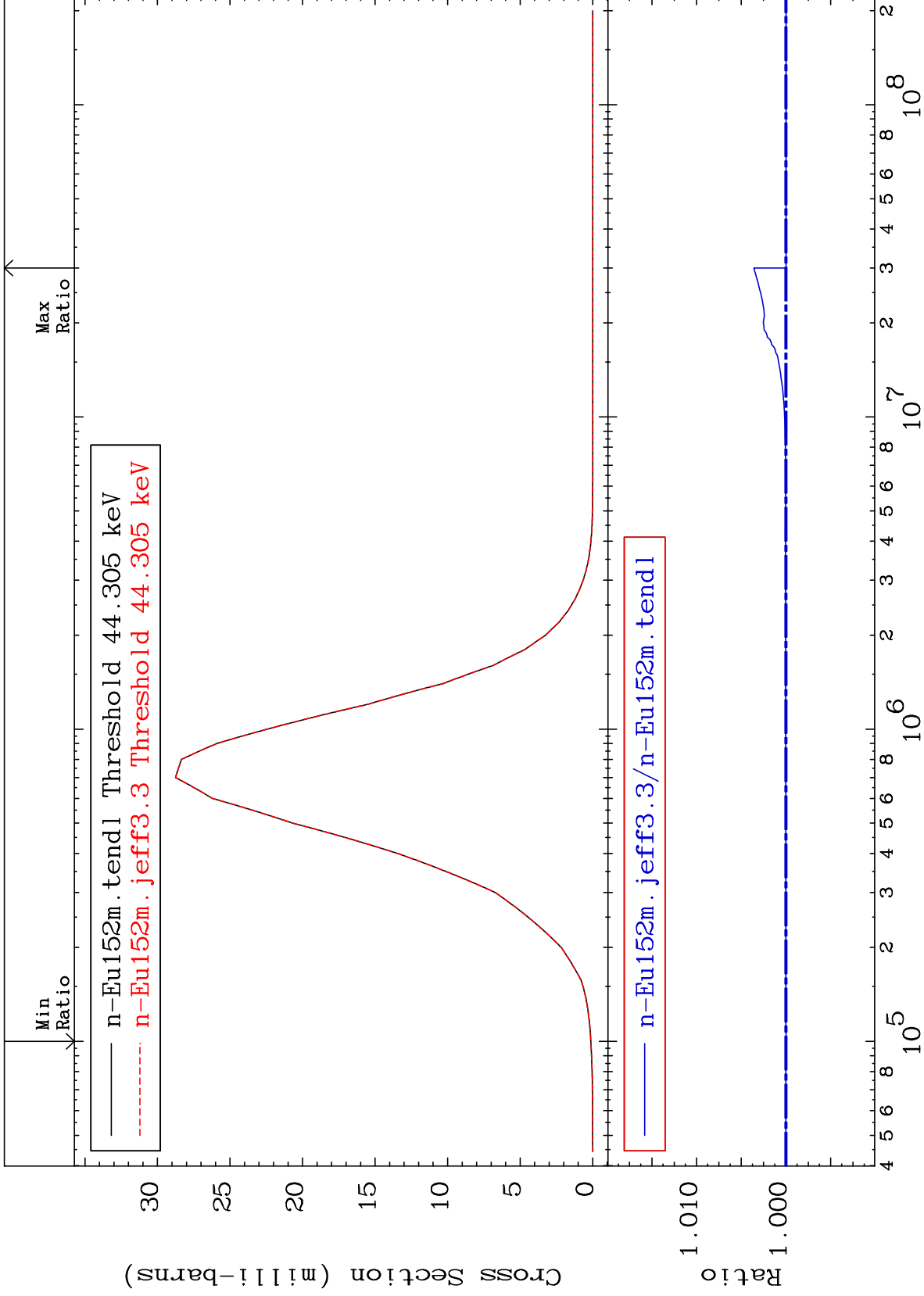




MAT 6329

MT= 55 (n,n') Level  
Cross Section

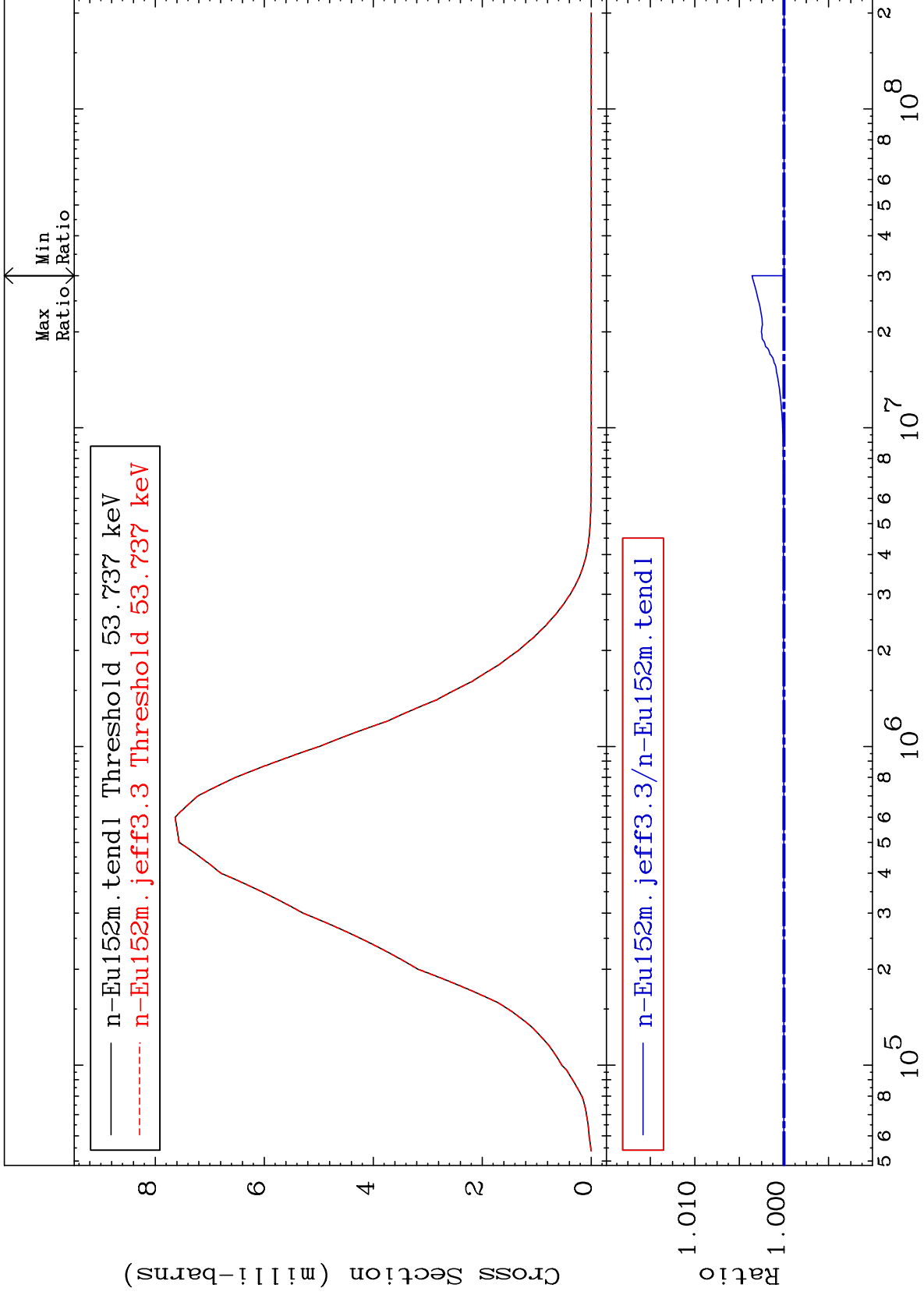
63-Eu-152  
To 0.359 %



MAT 6329

MT= 56 (n,n') Level  
Cross Section

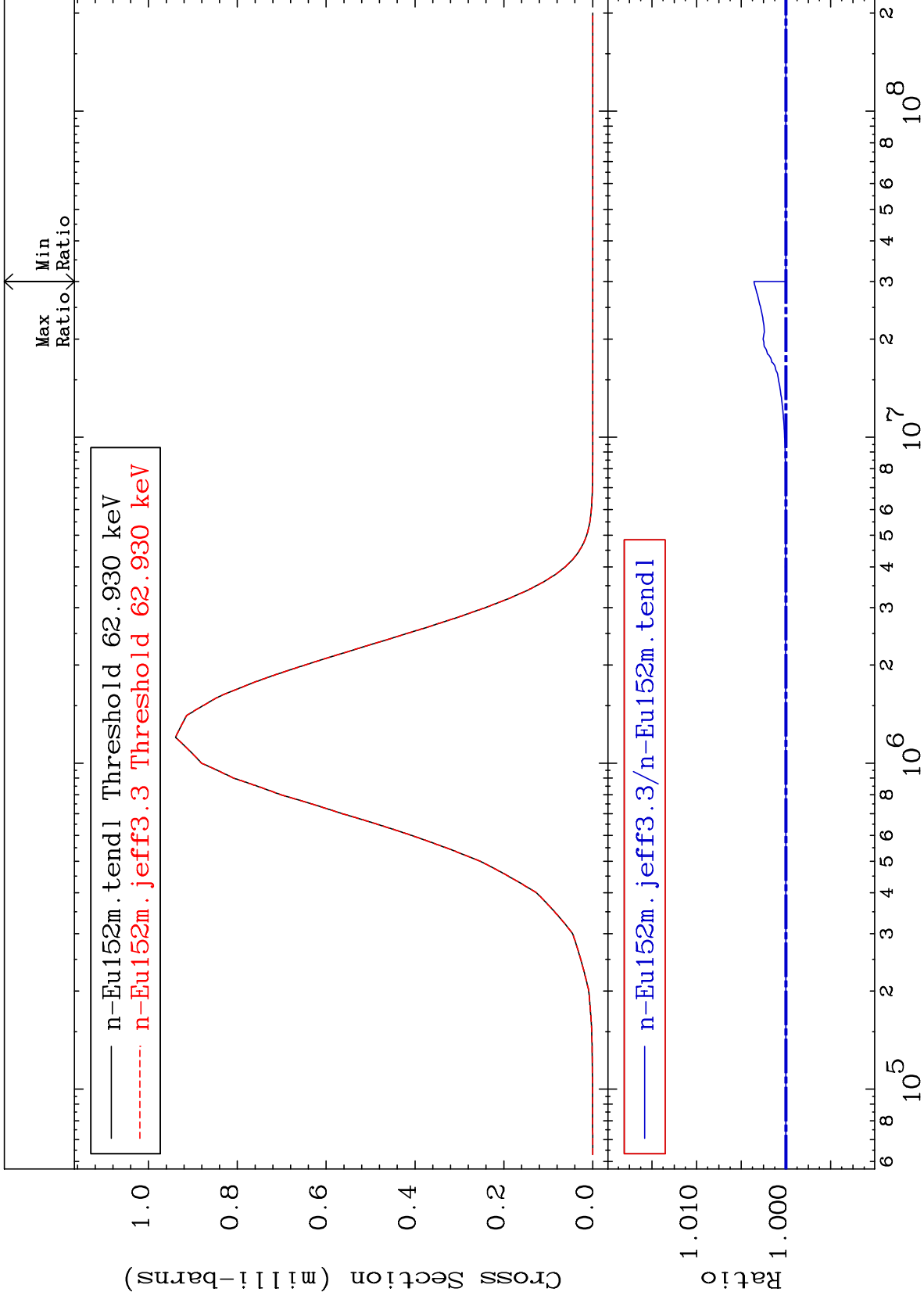
63-Eu-152  
To 0.359 %



MAT 6329

MT= 57 (n, n') Level  
Cross Section

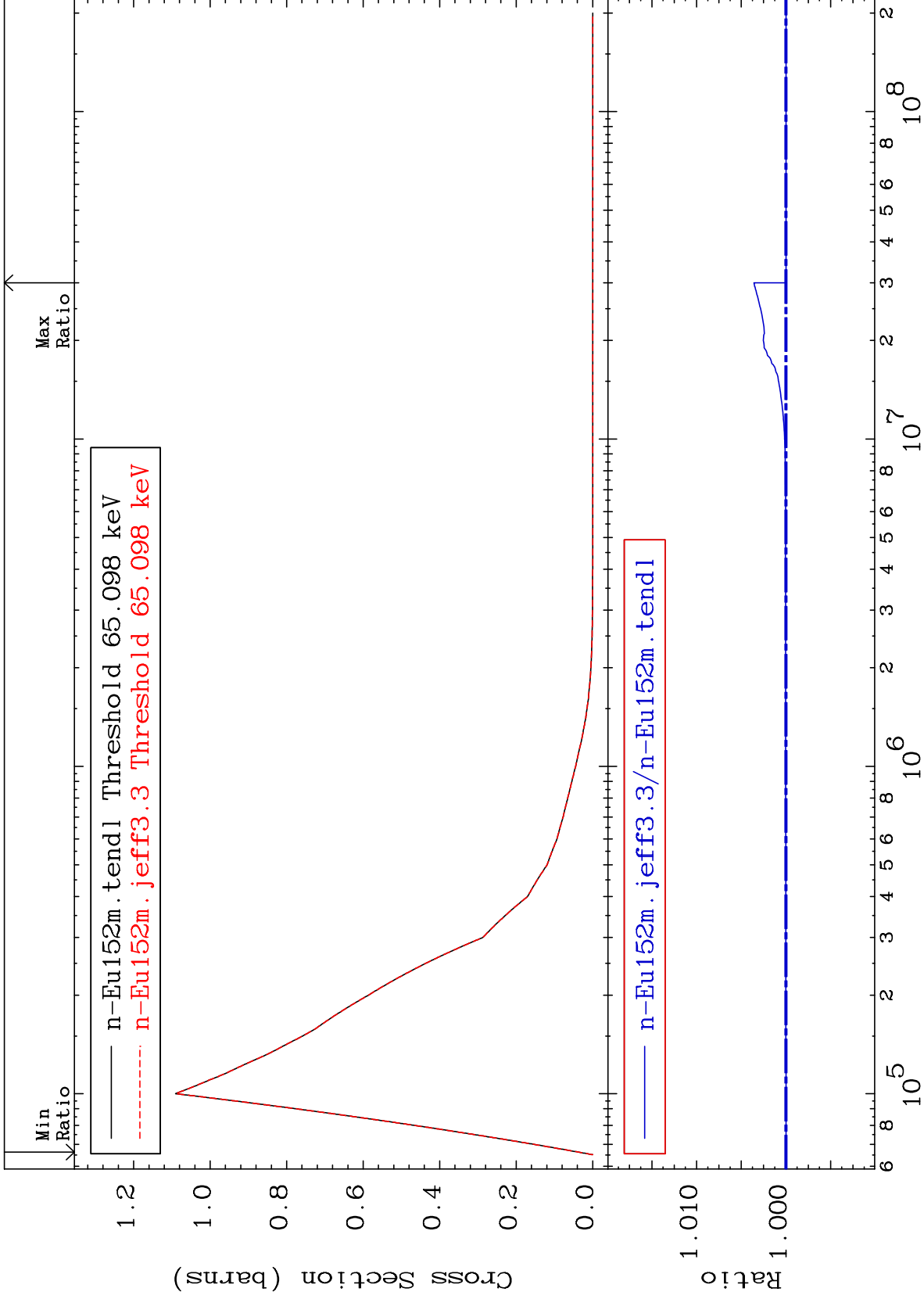
63-Eu-152  
To 0.359 %



MAT 6329

MT= 58 (n,n') Level  
Cross Section

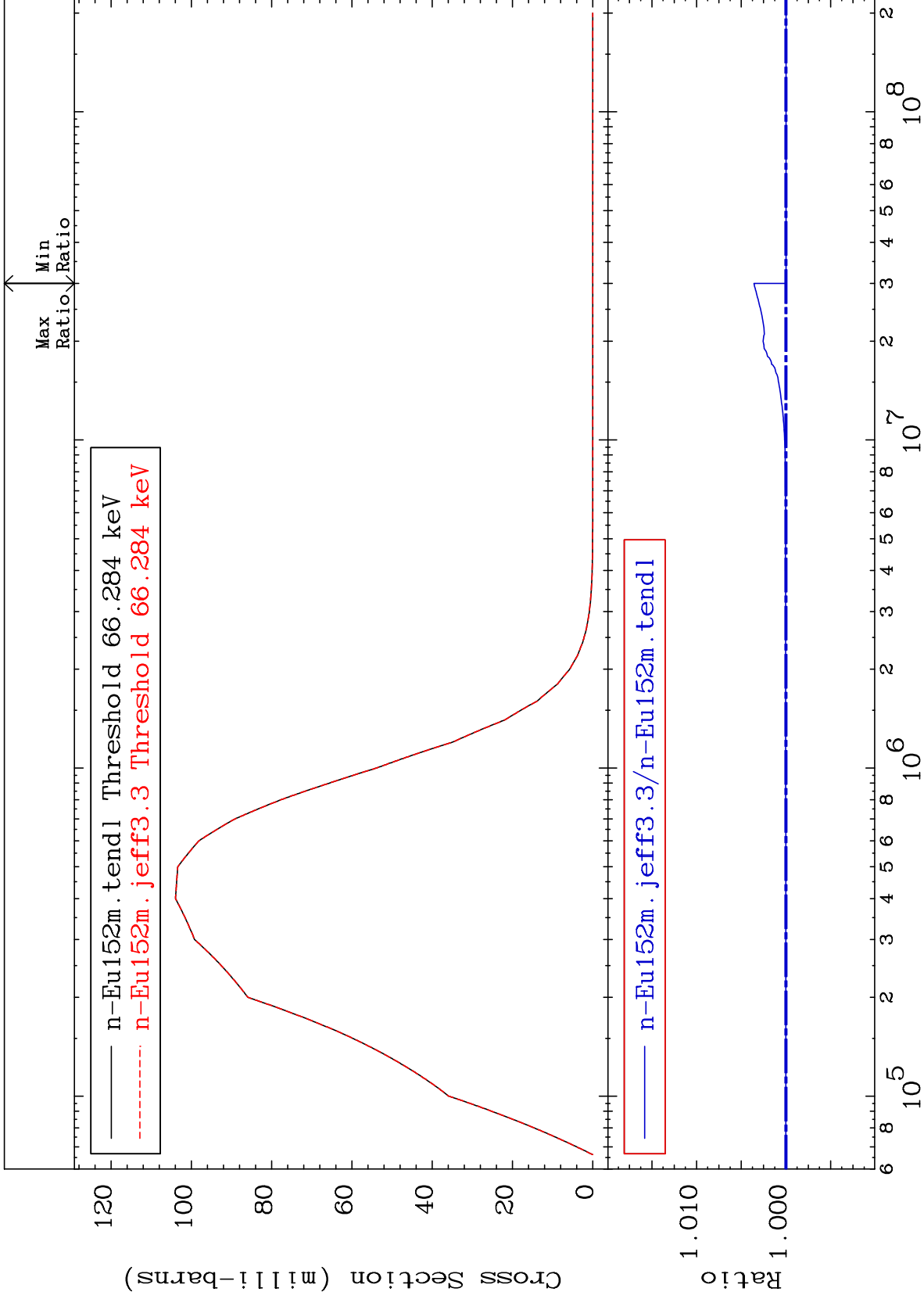
63-Eu-152  
To 0.359 %



MAT 6329

MT= 59 (n,n') Level  
Cross Section

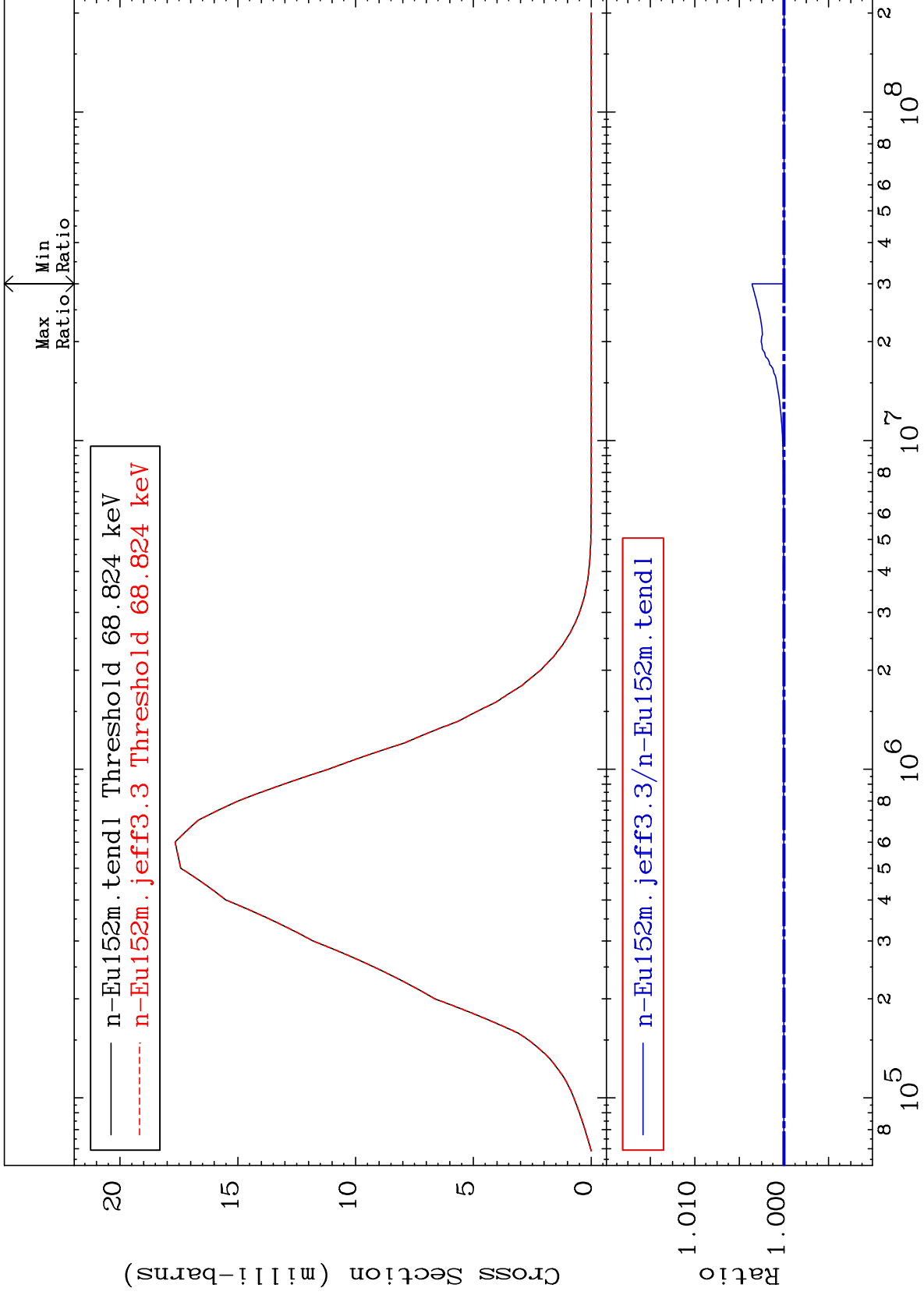
63-Eu-152  
To 0.359 %



MAT 6329

MT= 60 (n,n') Level  
Cross Section

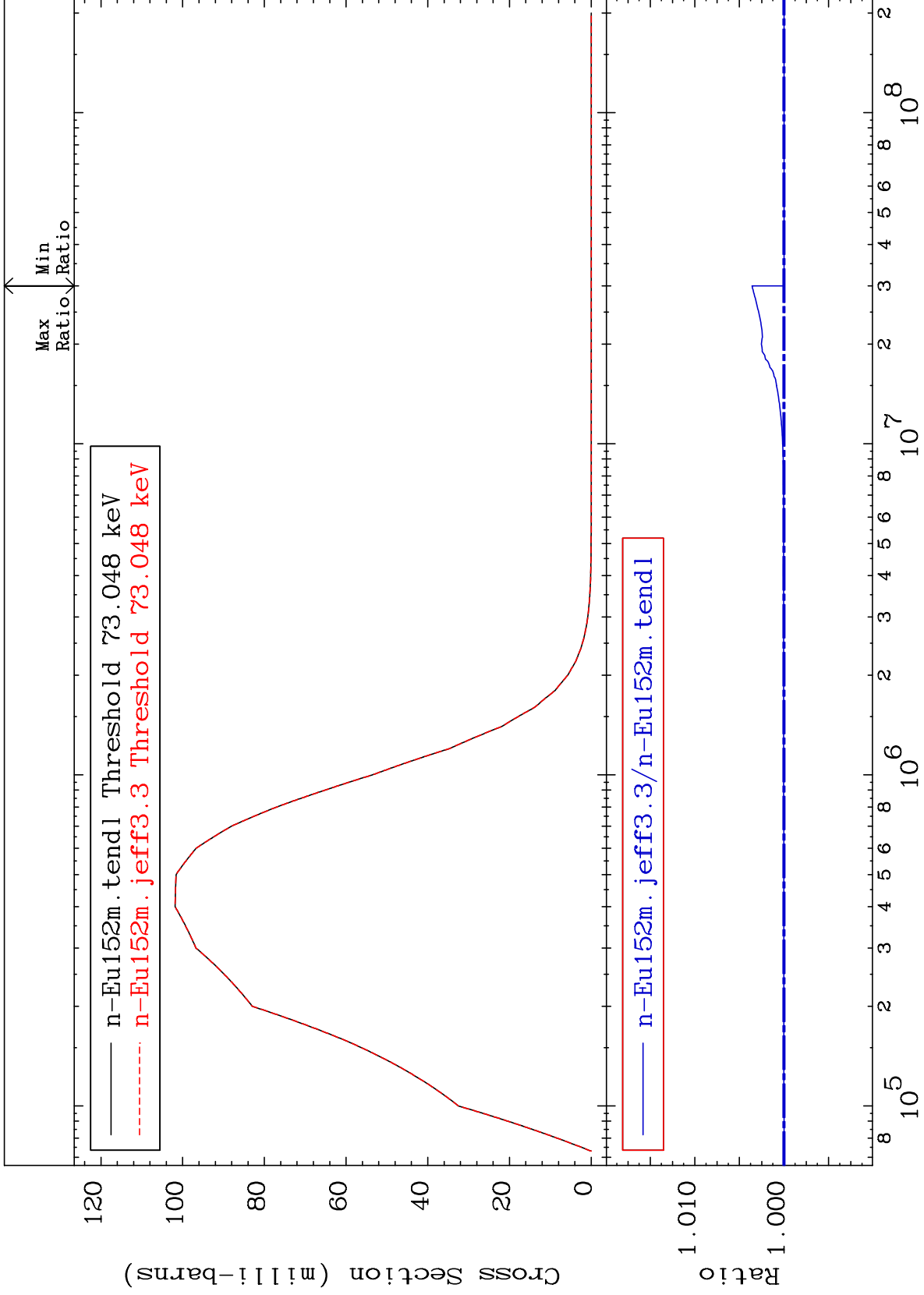
63-Eu-152  
To 0.359 %



MAT 6329

MT= 61 (n,n') Level  
Cross Section

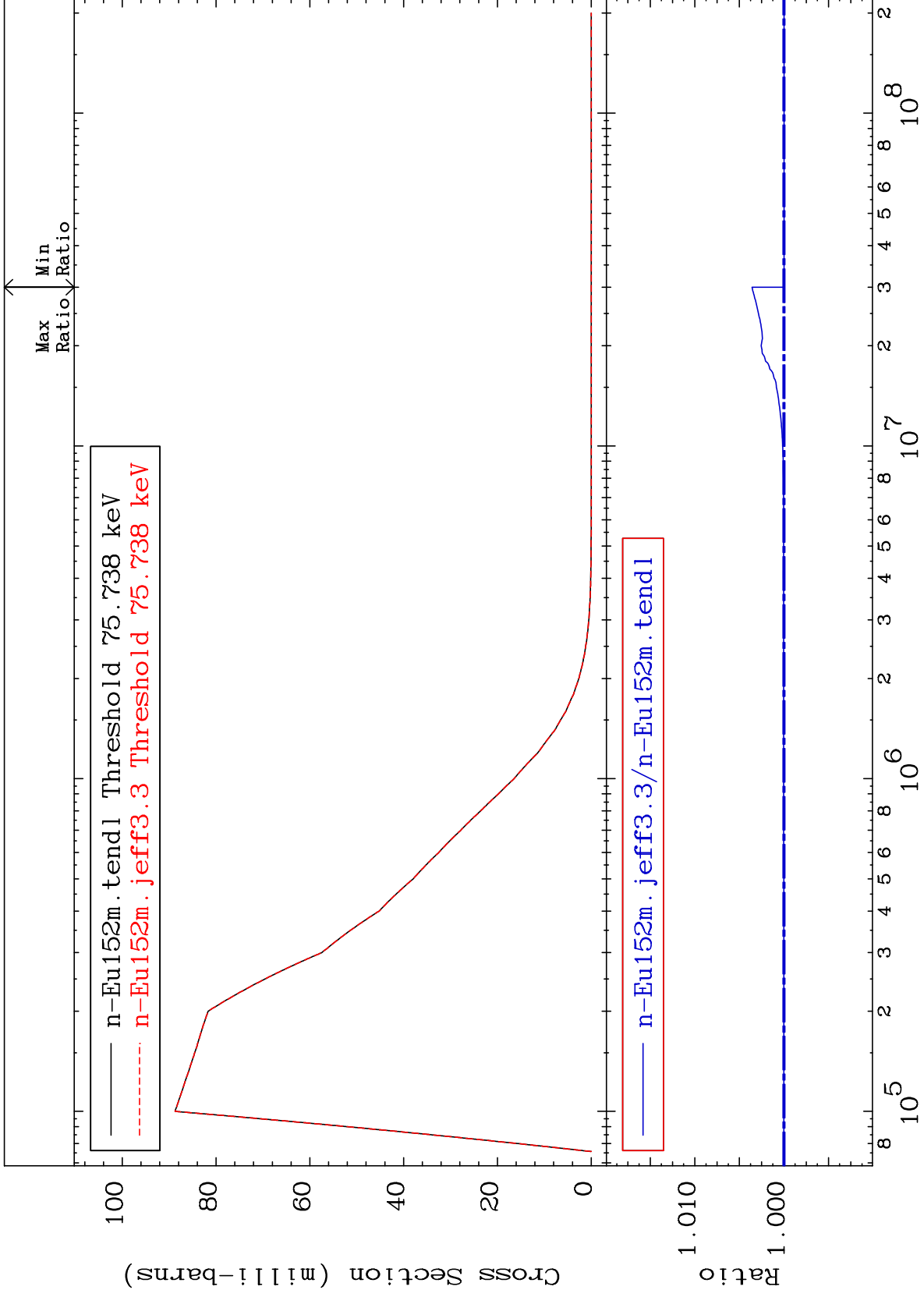
63-Eu-152  
To 0.360 %



MAT 6329

MT= 62 (n,n') Level  
Cross Section

63-Eu-152  
To 0.359 %

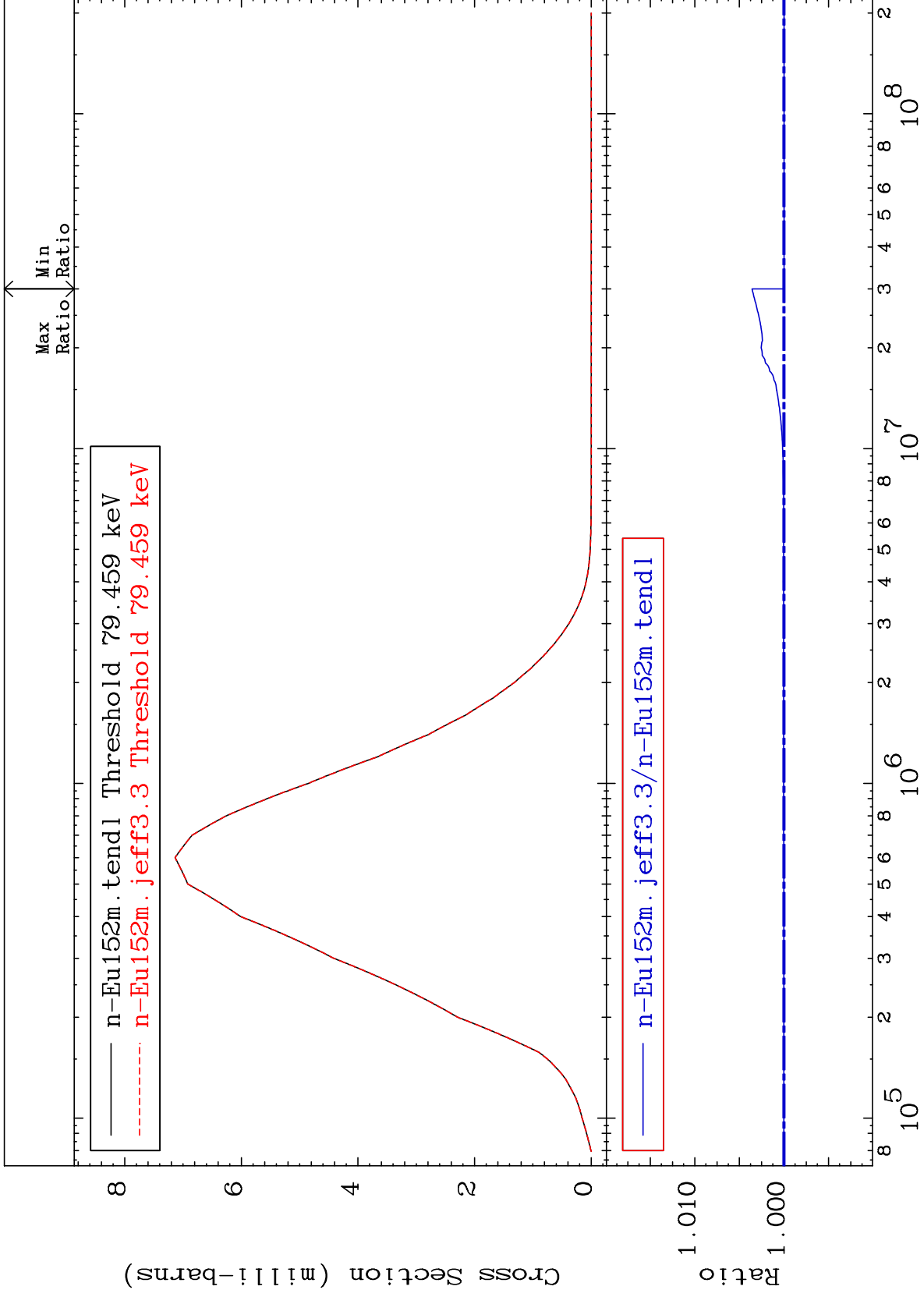




MAT 6329

MT= 63 (n,n') Level  
Cross Section

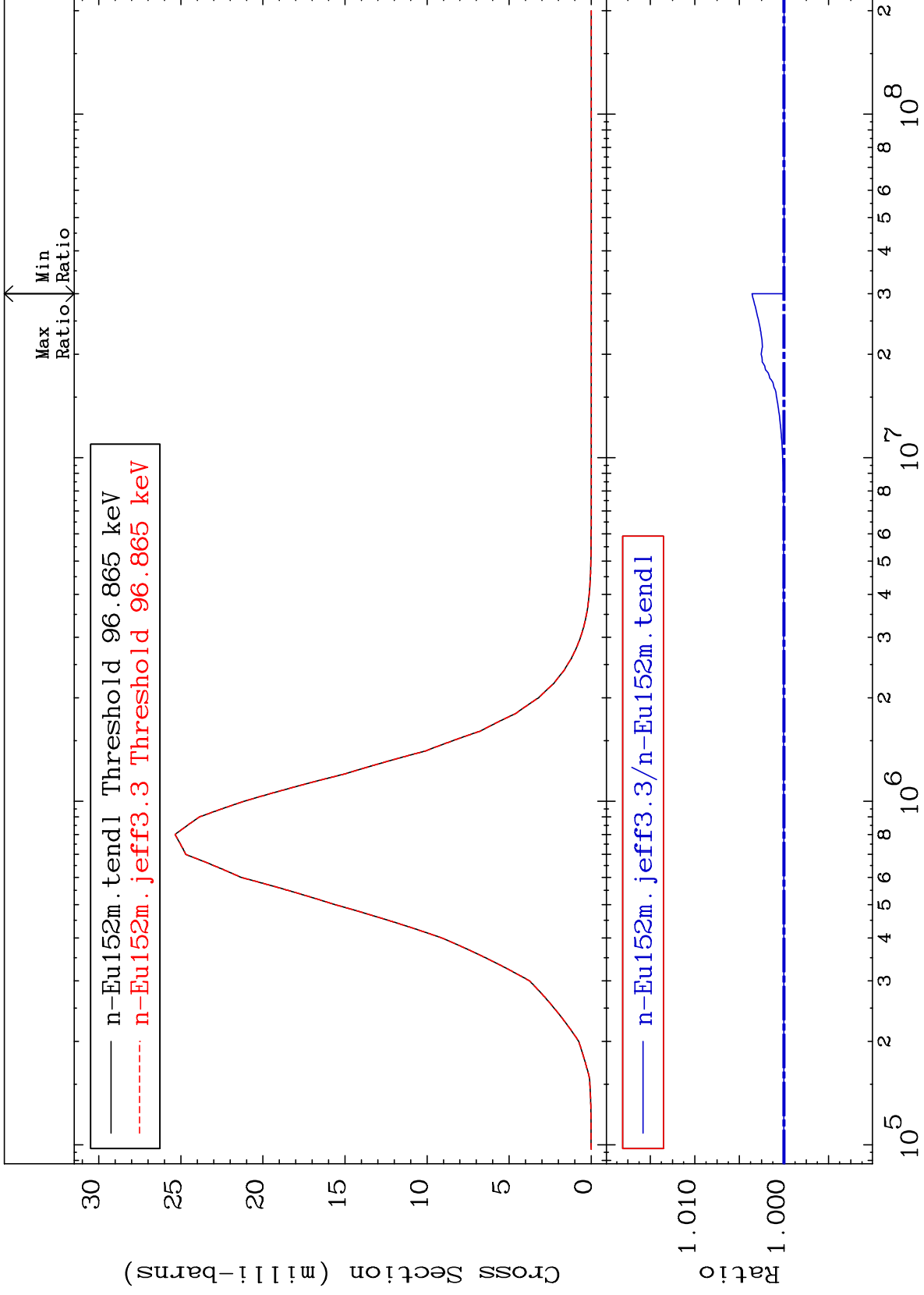
63-Eu-152  
To 0.359 %



MAT 6329

MT= 64 (n, n') Level  
Cross Section

63-Eu-152  
To 0.359 %



34

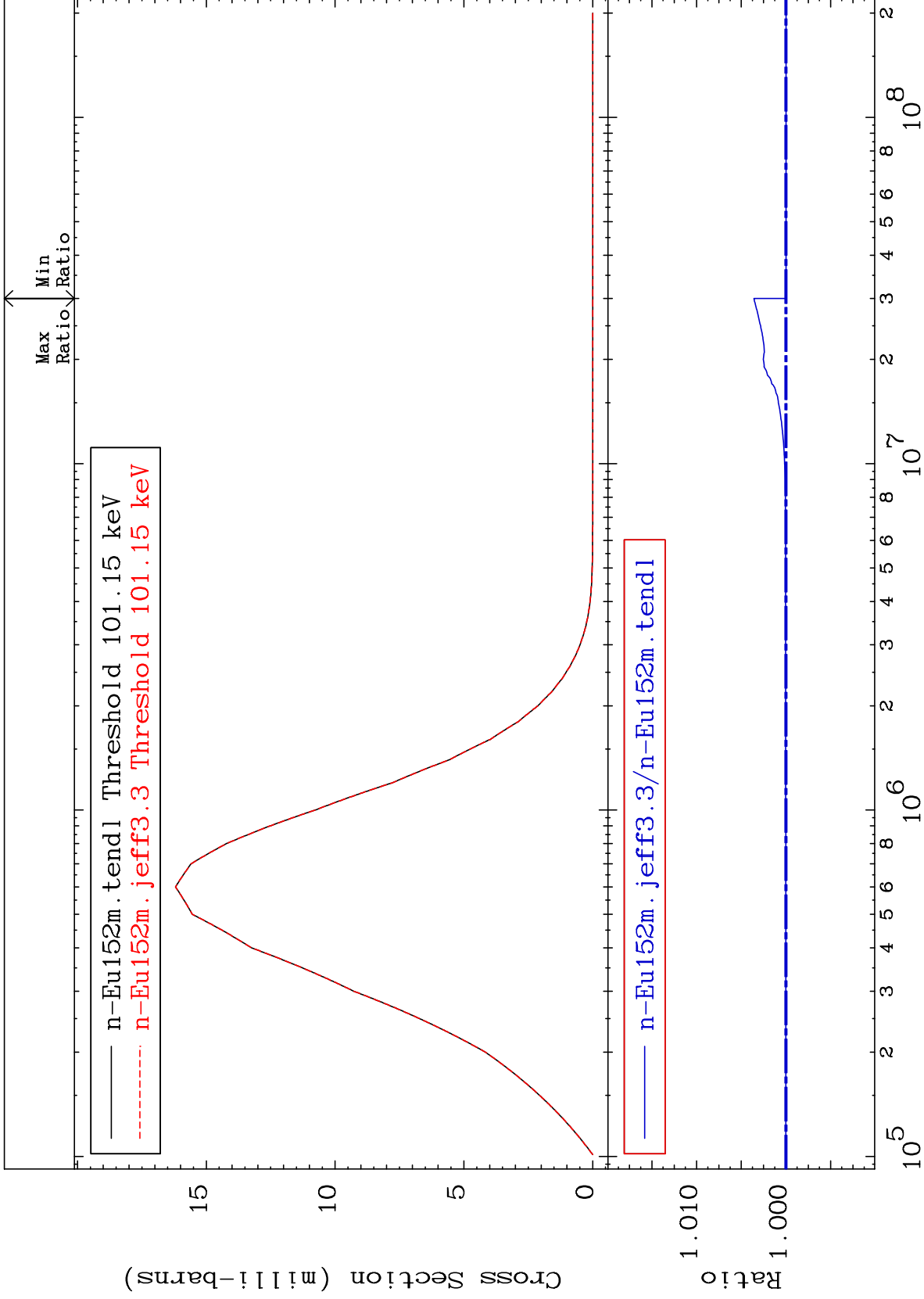
Incident Energy (eV)

63-Eu-152

MAT 6329

MT= 65 (n,n') Level  
Cross Section

63-Eu-152  
0.000 To 0.359 %



35

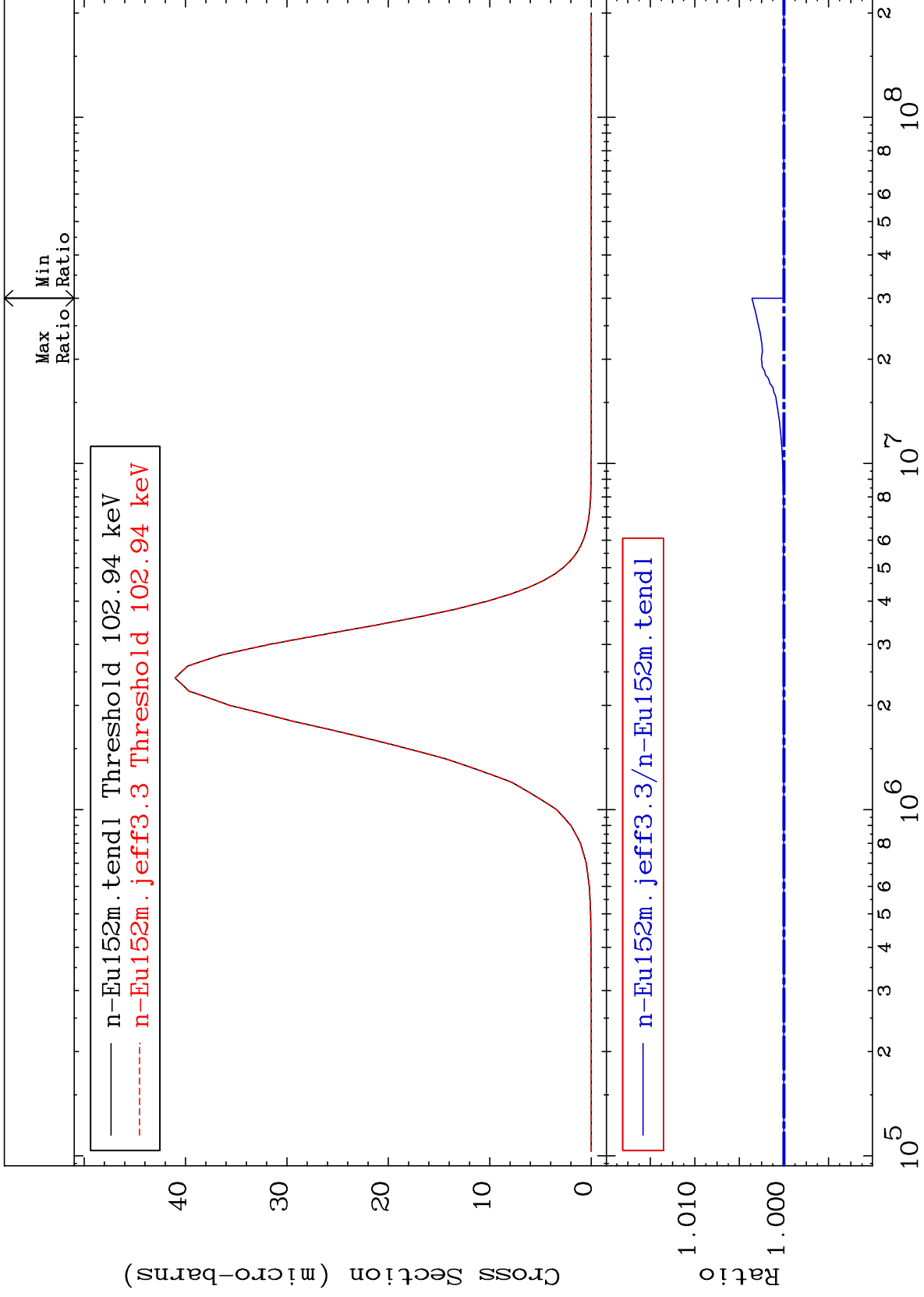
Incident Energy (eV)

63-Eu-152

MAT 6329

MT= 66 (n,n') Level  
Cross Section

63-Eu-152  
To 0.359 %



36

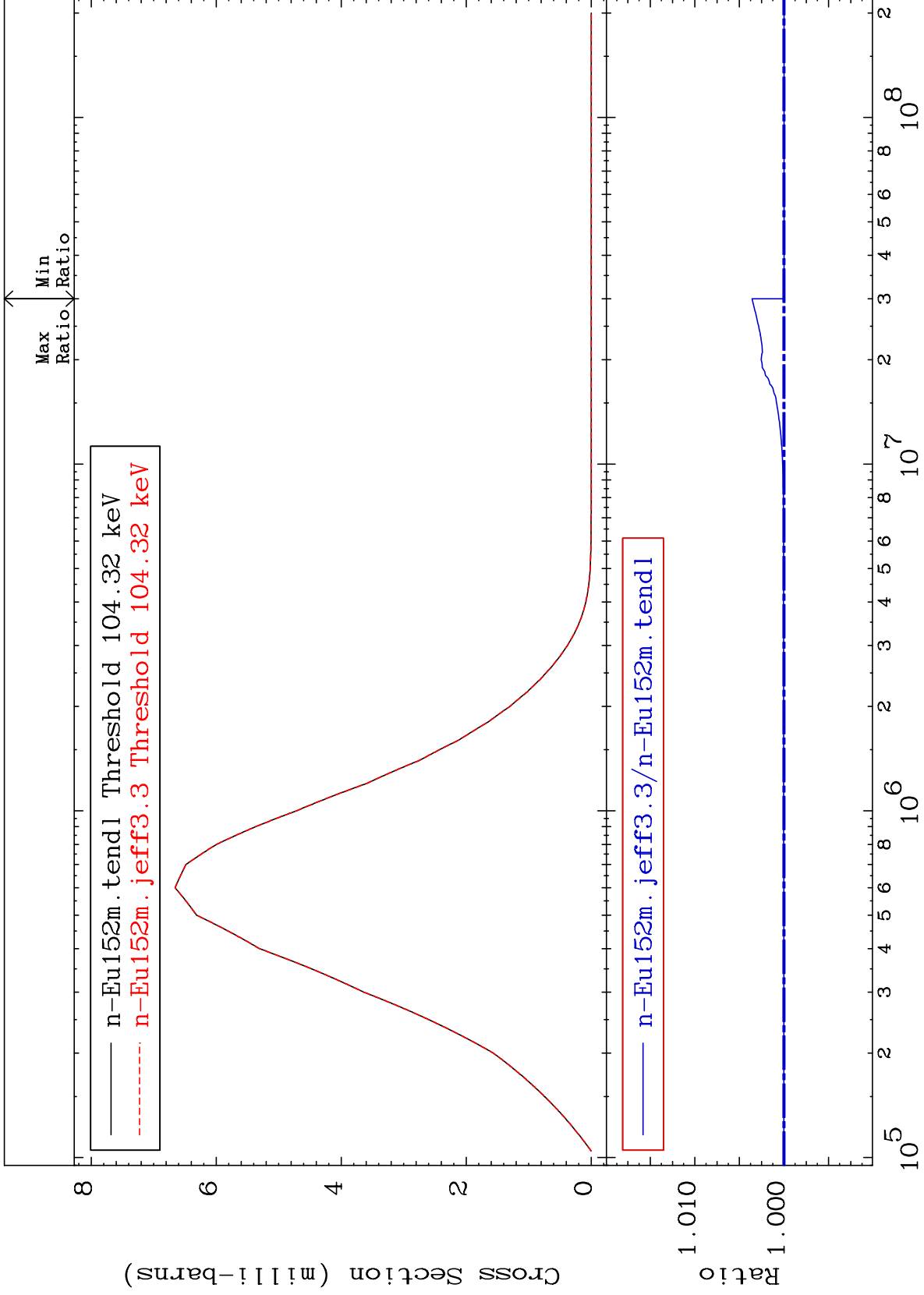
Incident Energy (eV)

63-Eu-152

MAT 6329

MT= 67 (n,n') Level  
Cross Section

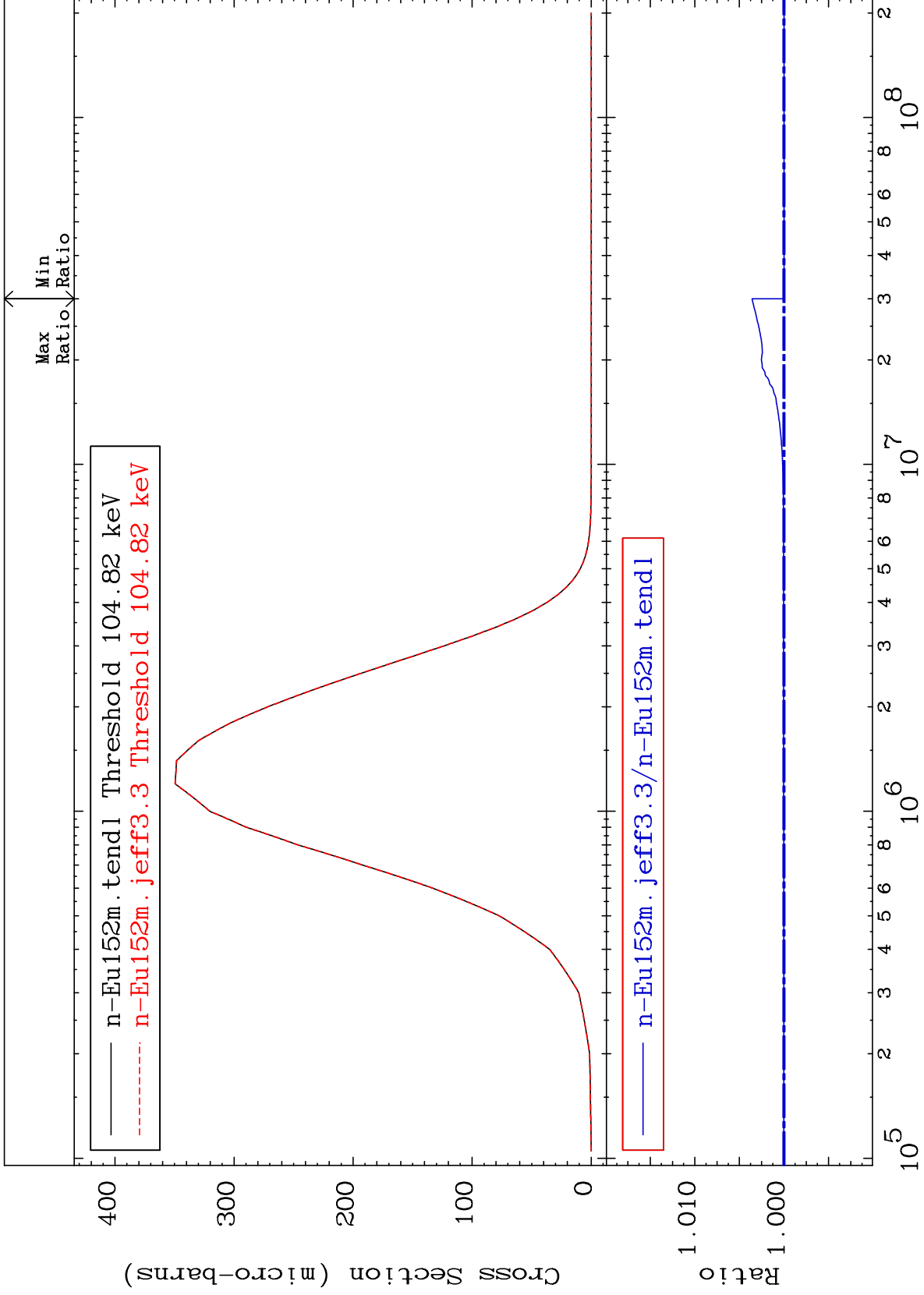
63-Eu-152  
To 0.359 %



MAT 6329

MT= 68 (n,n') Level  
Cross Section

63-Eu-152  
0.000 To 0.359 %



38

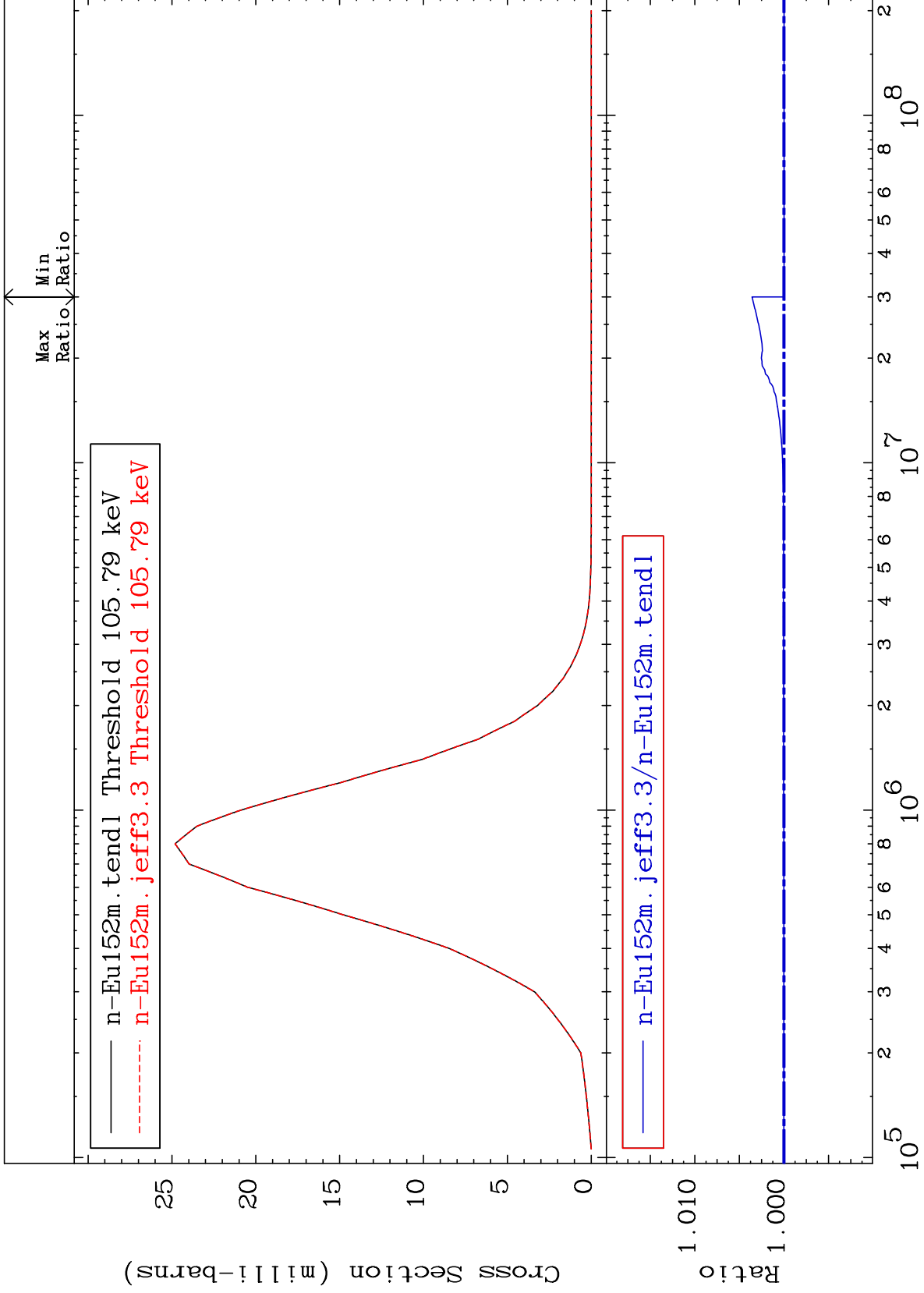
Incident Energy (eV)

63-Eu-152

MAT 6329

MT= 69 (n,n') Level  
Cross Section

63-Eu-152  
To 0.359 %



39

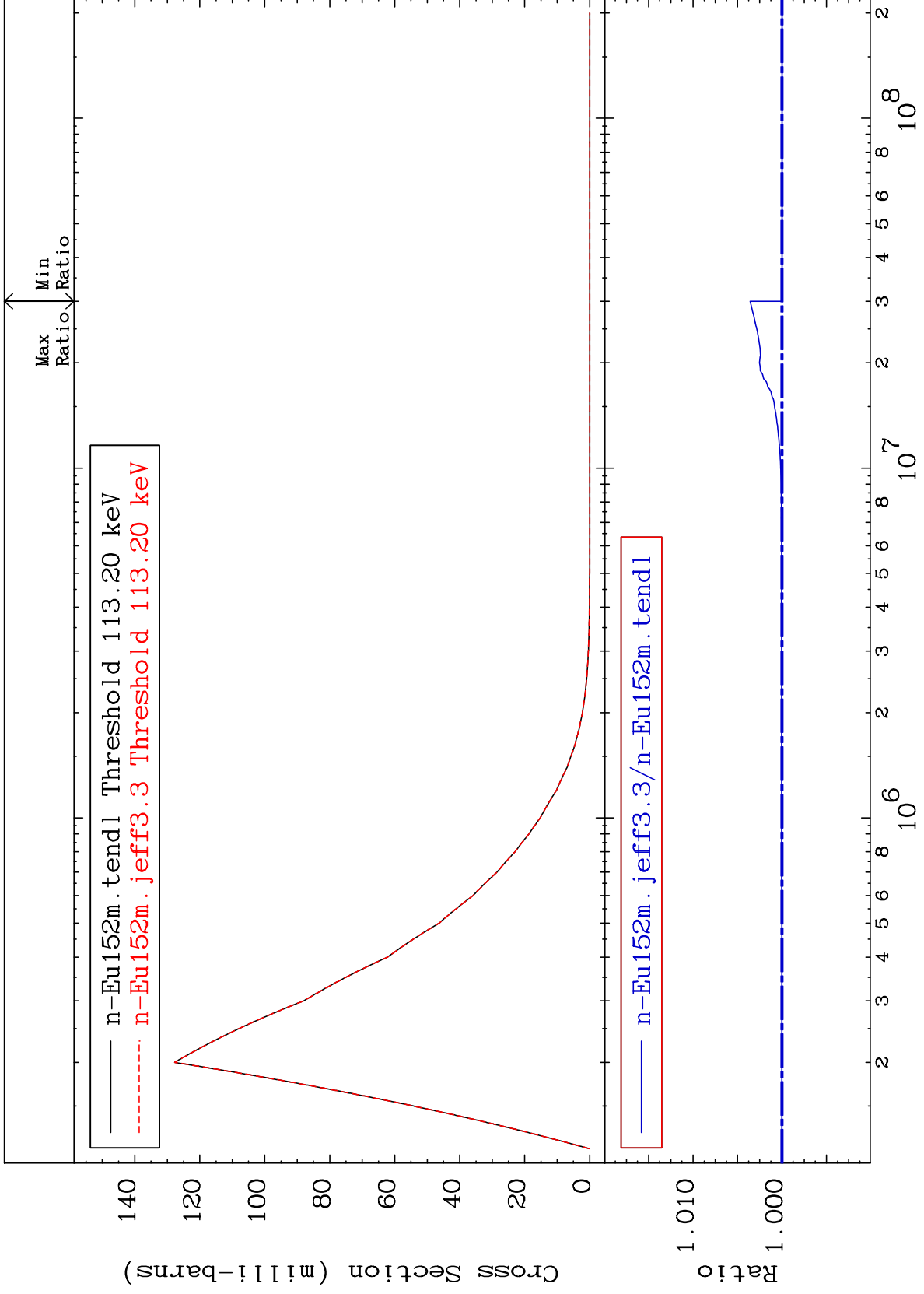
Incident Energy (eV)

63-Eu-152

MAT 6329

MT= 70 (n,n') Level  
Cross Section

63-Eu-152  
To 0.359 %

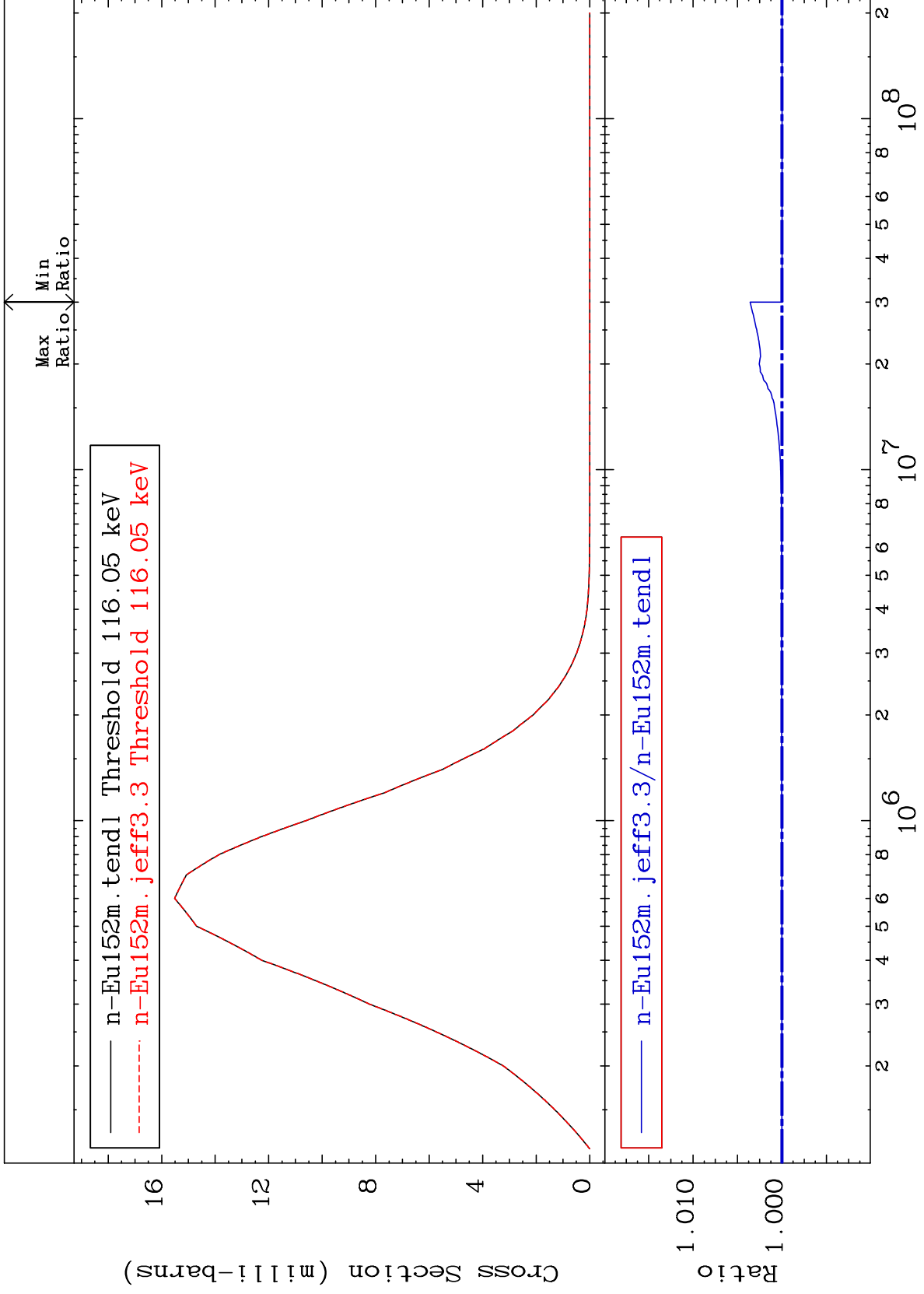




MAT 6329

MT= 71 (n,n') Level  
Cross Section

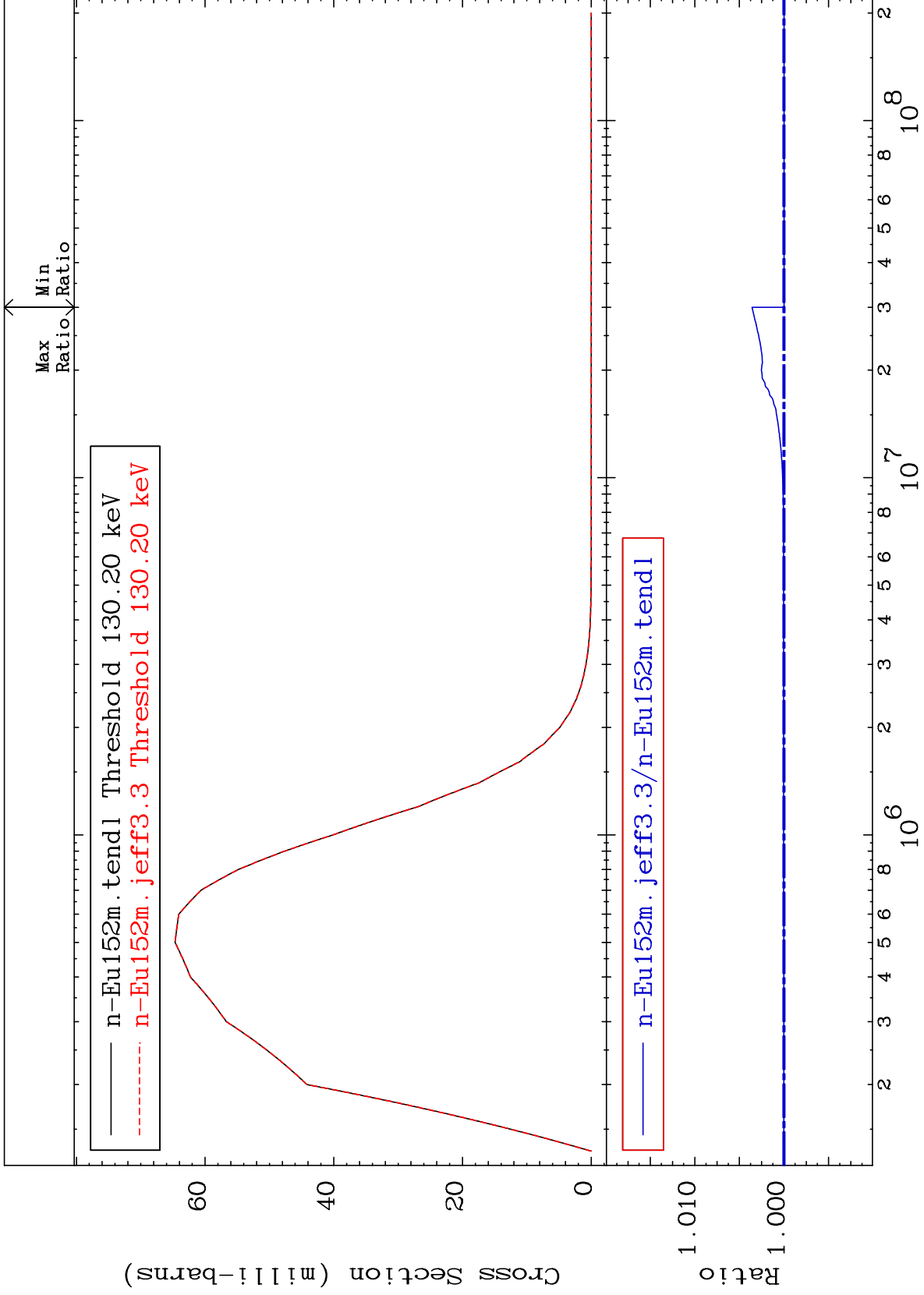
63-Eu-152  
To 0.359 %



MAT 6329

MT= 72 (n, n') Level  
Cross Section

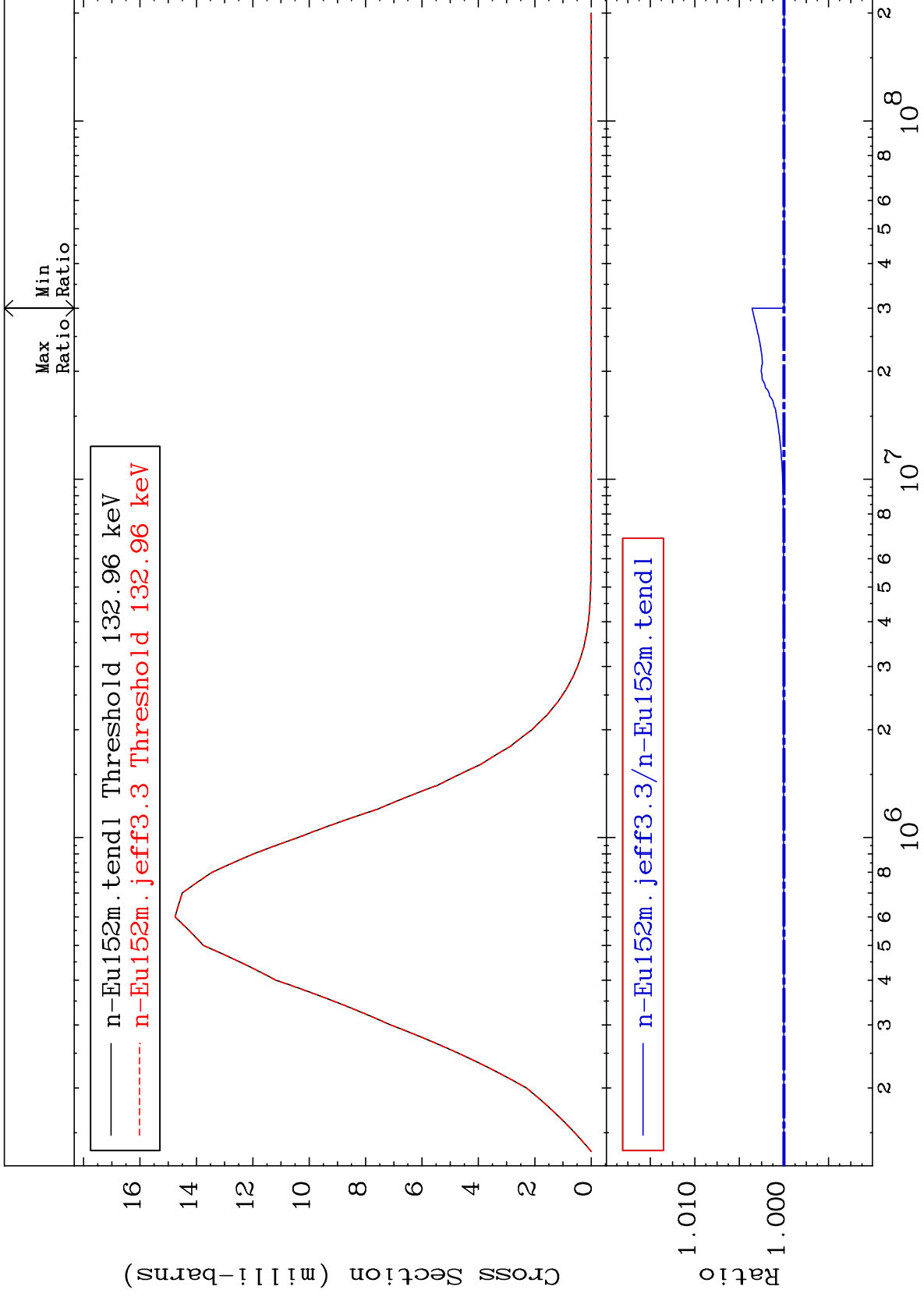
63-Eu-152  
0.000 To 0.359 %



MAT 6329

MT= 73 (n,n') Level  
Cross Section

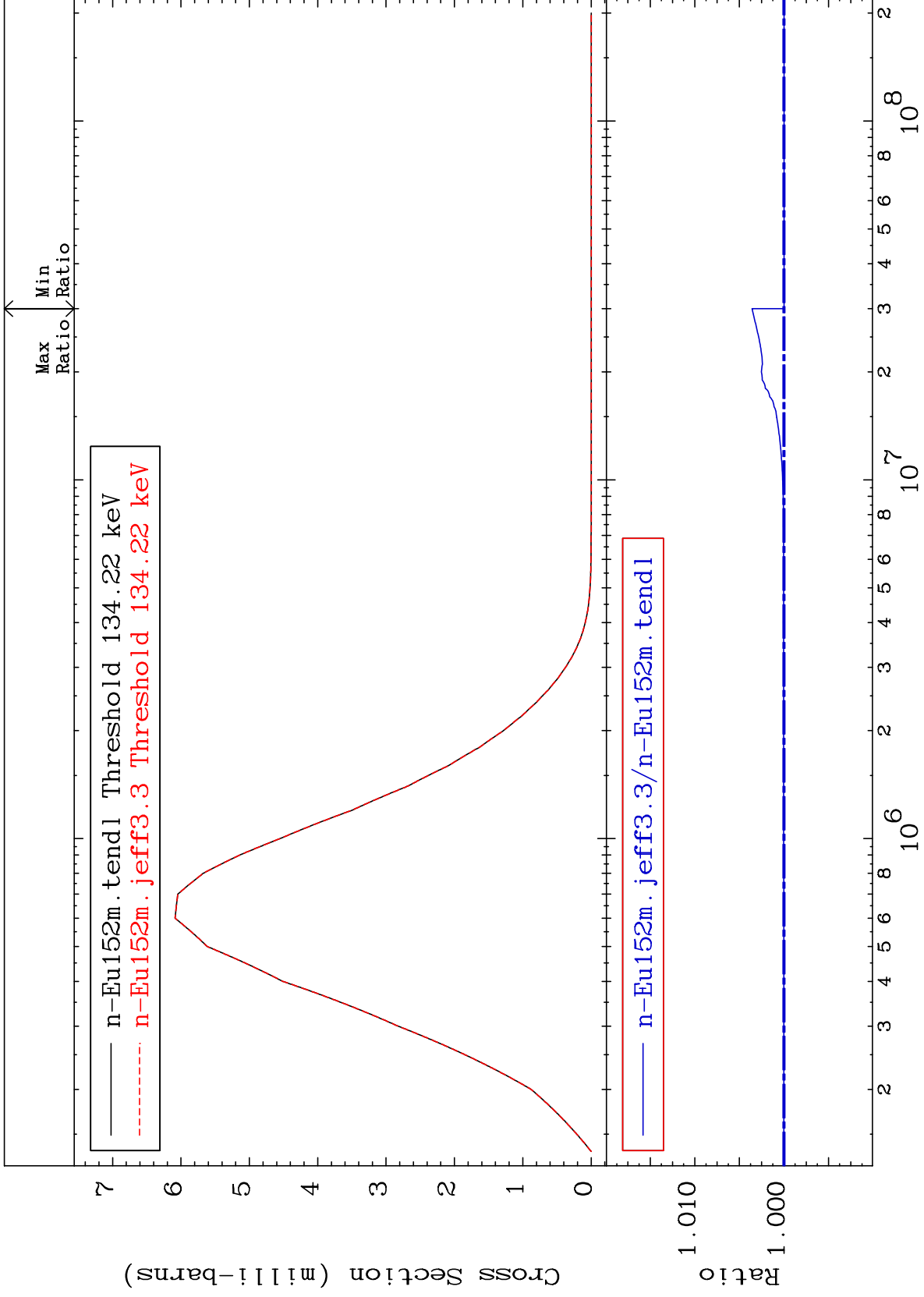
63-Eu-152  
To 0.359 %



MAT 6329

MT= 74 (n,n') Level  
Cross Section

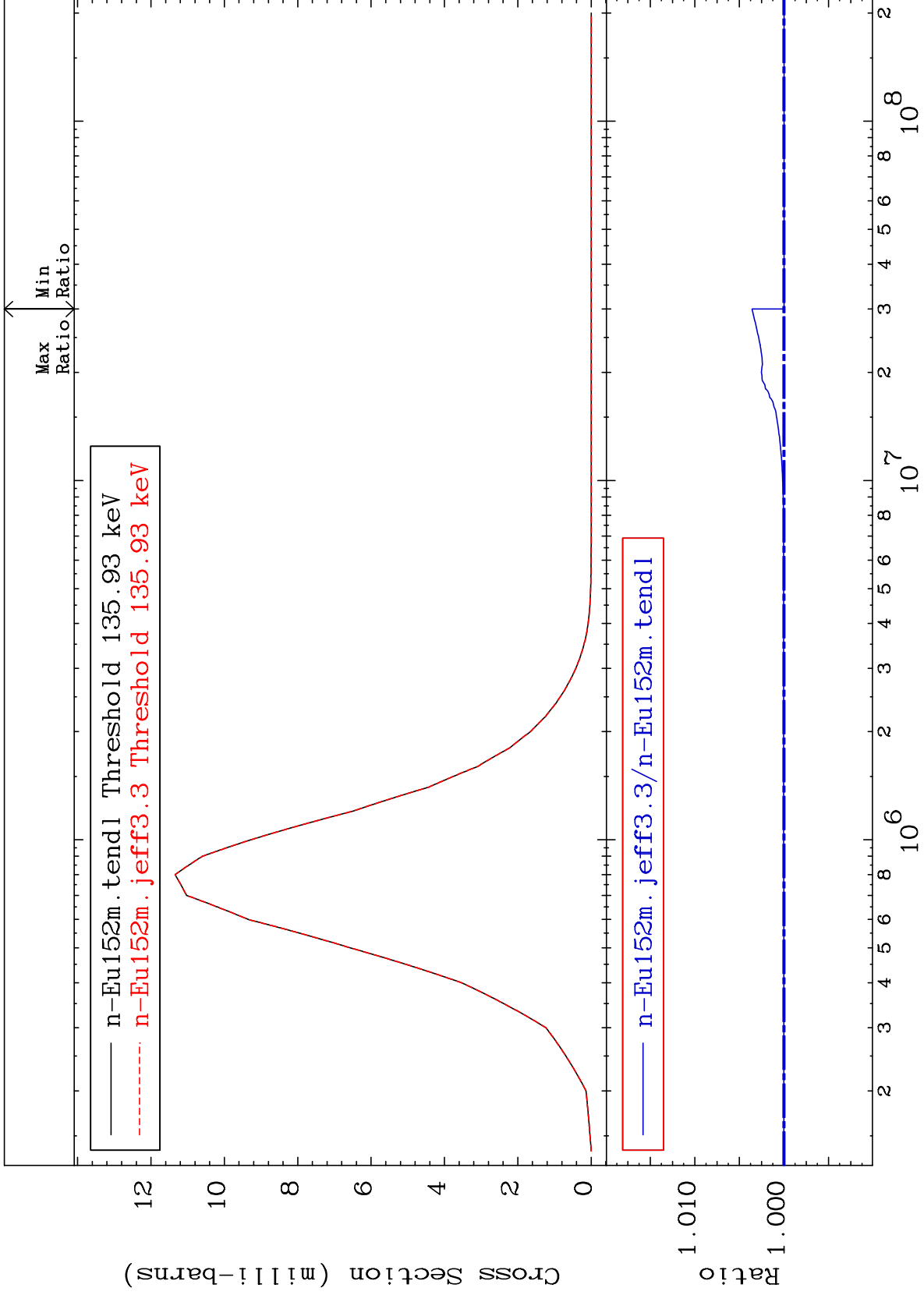
63-Eu-152  
To 0.359 %



MAT 6329

MT= 75 (n,n') Level  
Cross Section

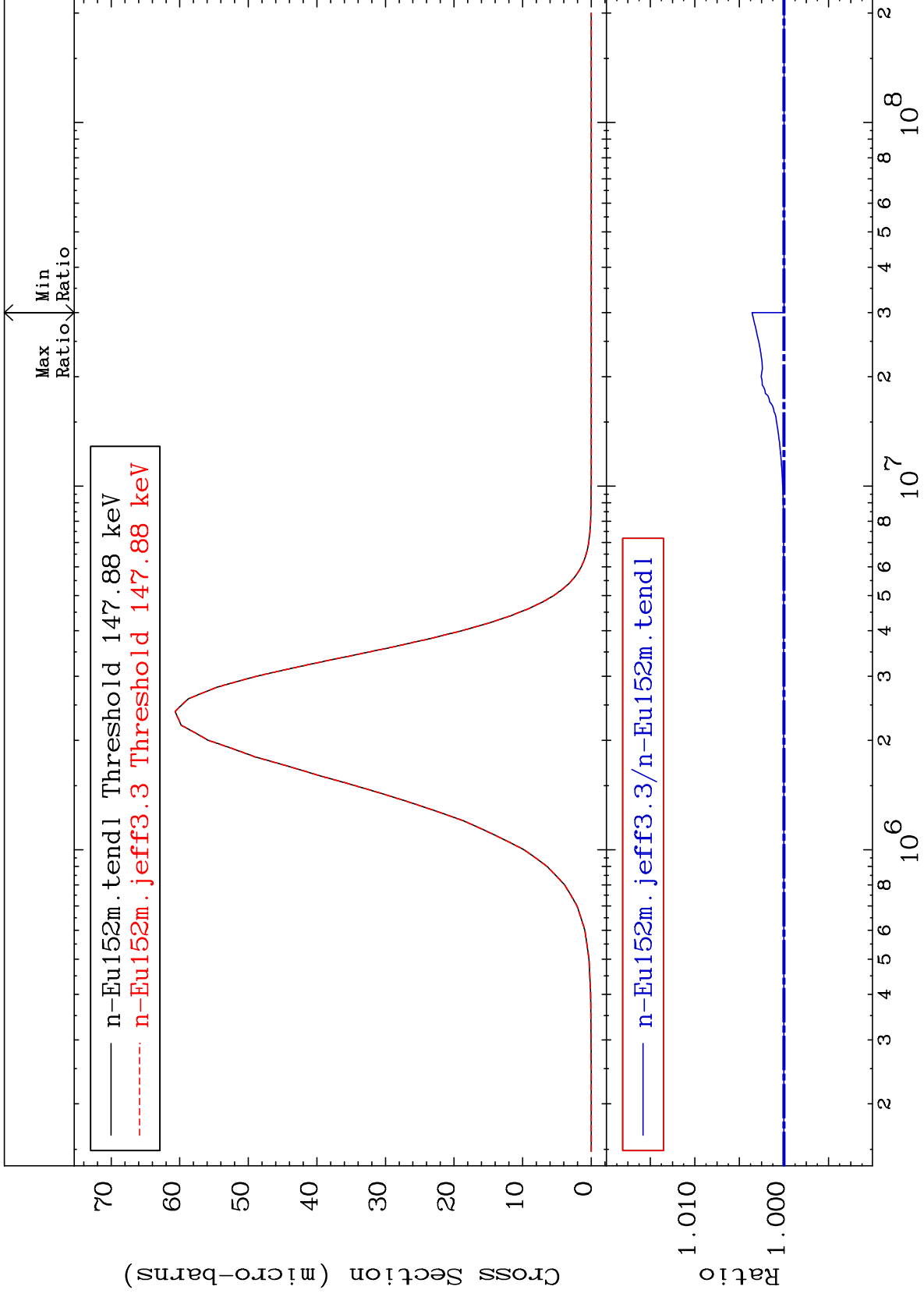
63-Eu-152  
To 0.359 %



MAT 6329

MT= 76 (n,n') Level  
Cross Section

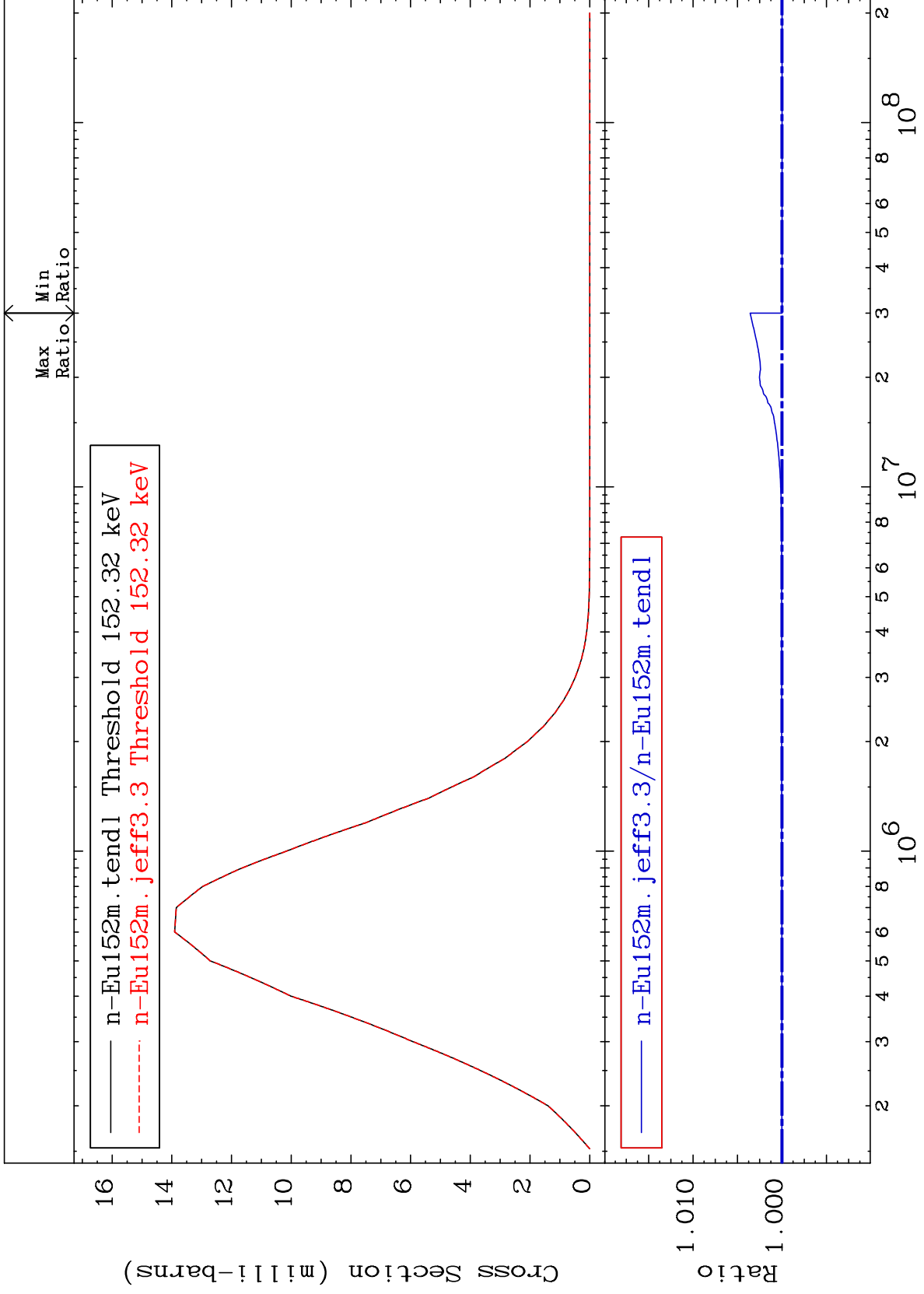
63-Eu-152  
0.000 To 0.359 %



MAT 6329

MT= 77 (n,n') Level  
Cross Section

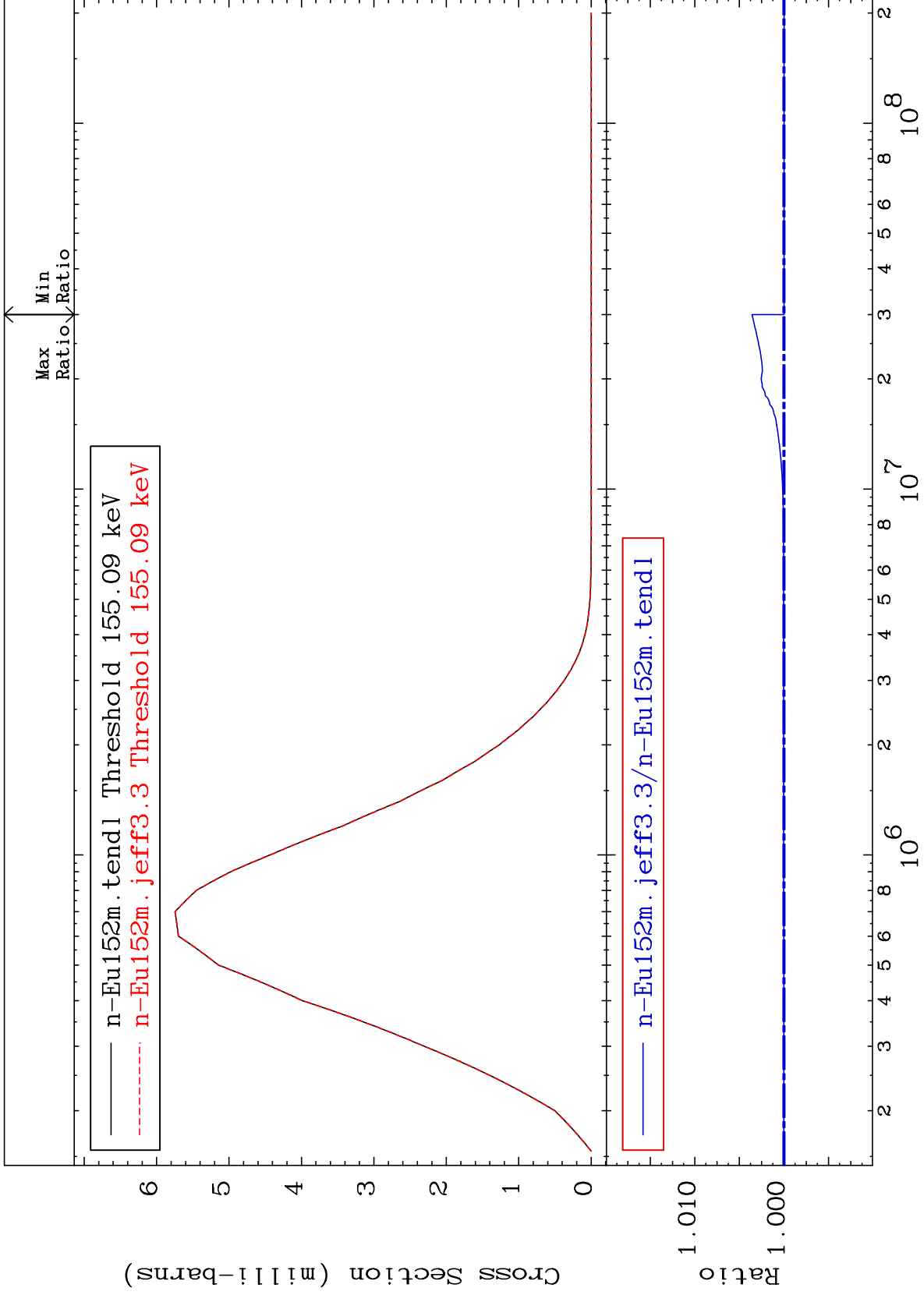
63-Eu-152  
0.000 To 0.359 %



MAT 6329

MT= 78 (n,n') Level  
Cross Section

63-Eu-152  
0.000 To 0.359 %

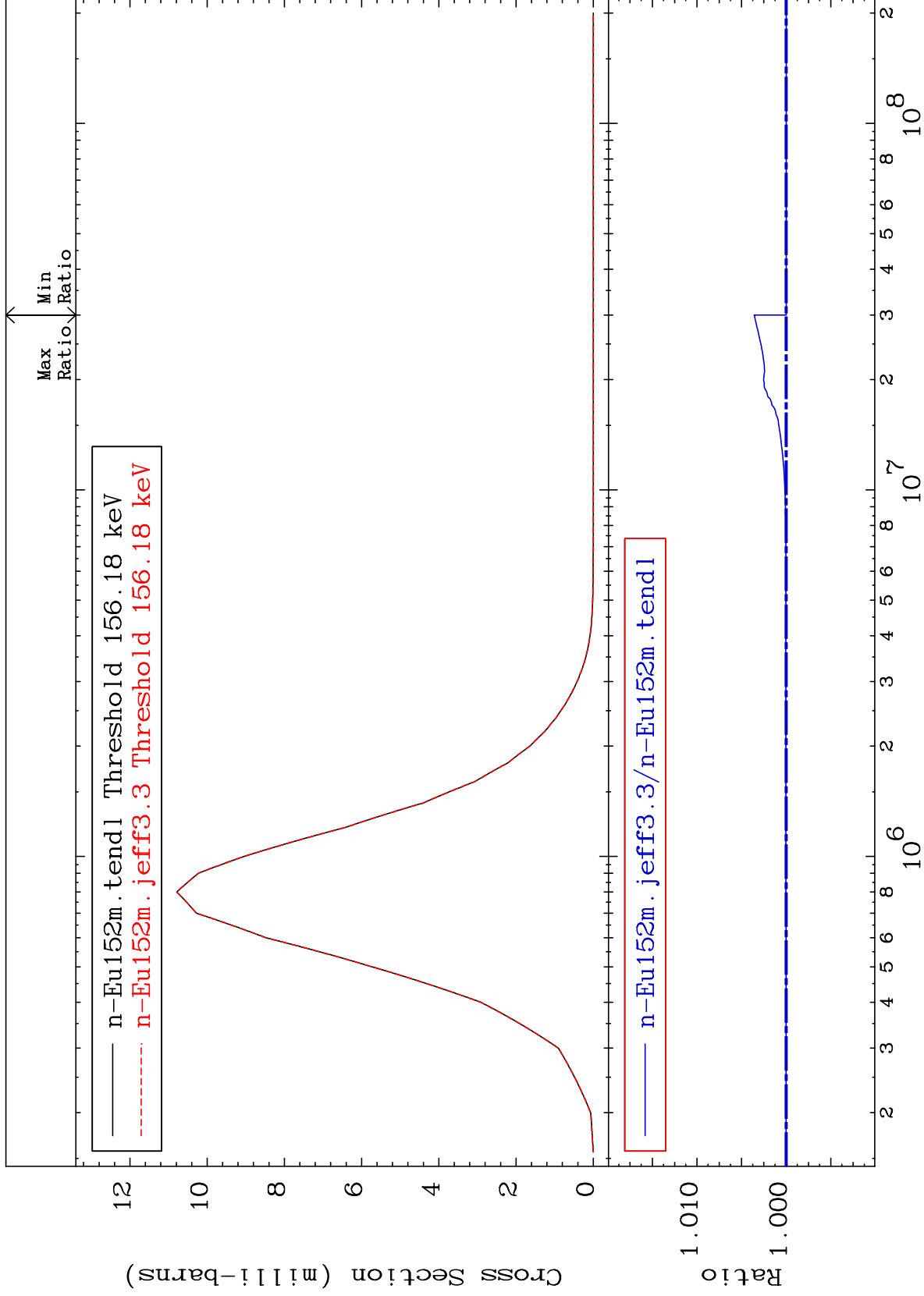




MAT 6329

MT= 79 (n,n') Level  
Cross Section

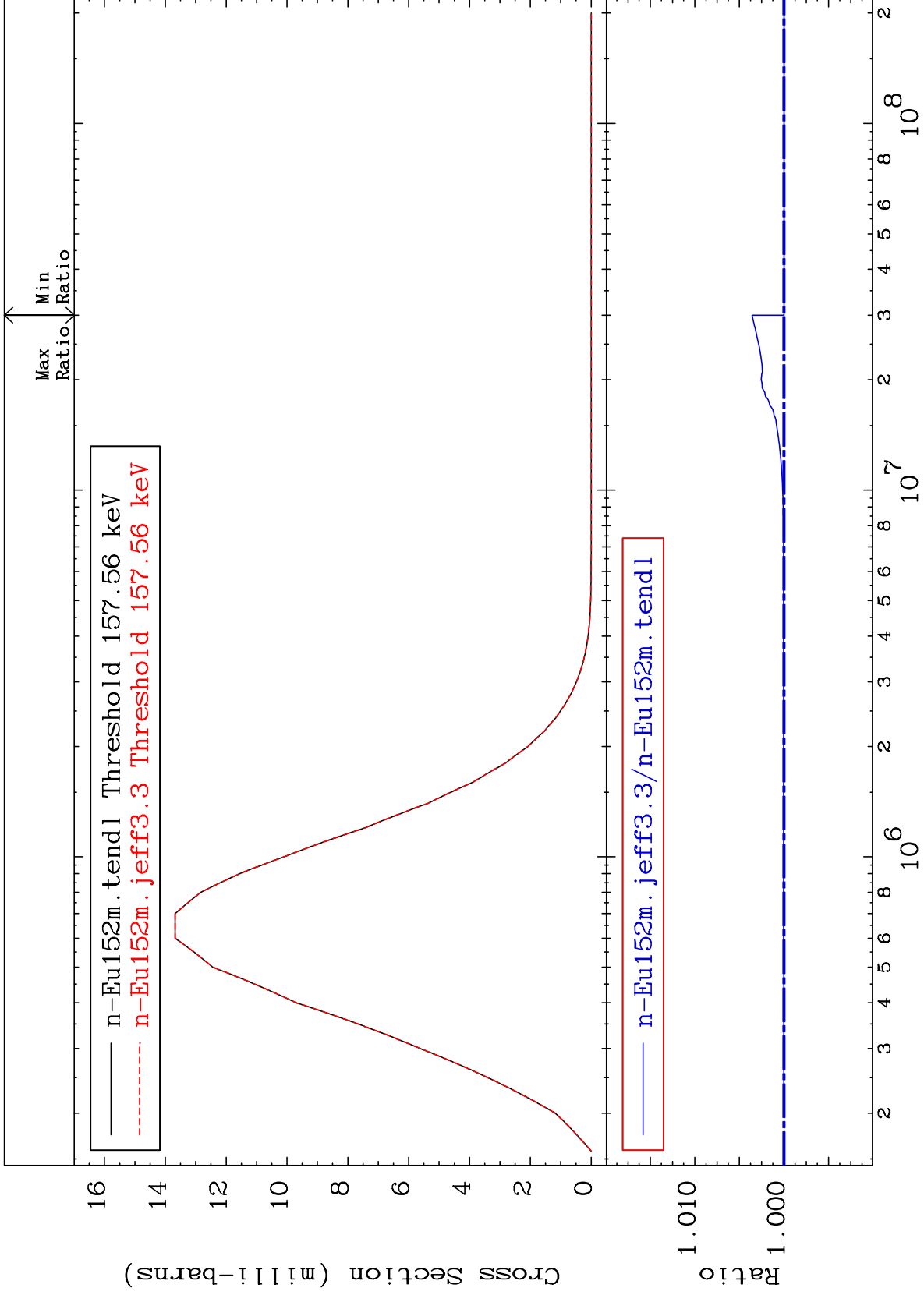
63-Eu-152  
0.000 To 0.359 %



MAT 6329

MT= 80 (n,n') Level  
Cross Section

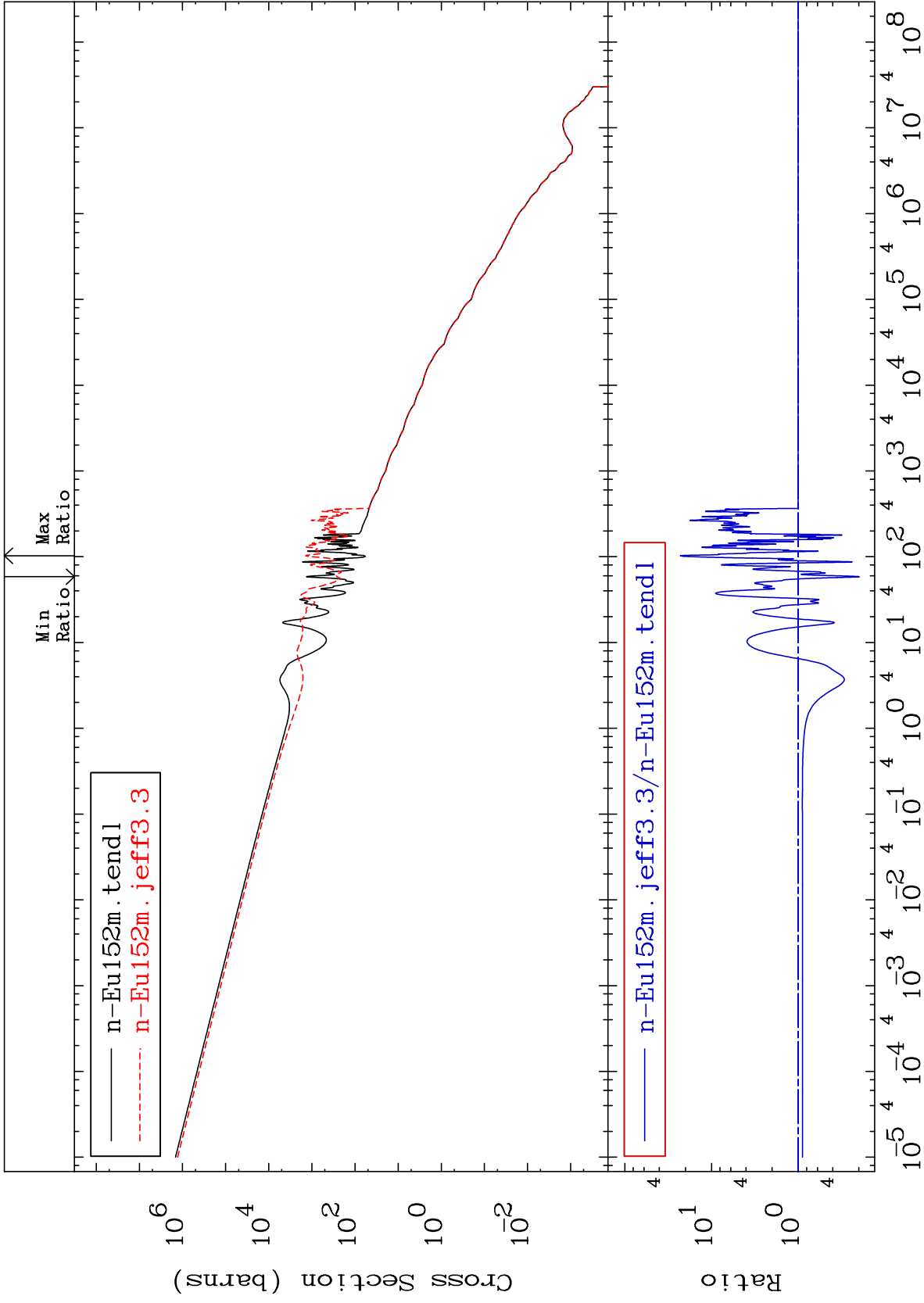
63-Eu-152  
0.000 To 0.359 %



MAT 6329

(n,  $\gamma$ )  
Cross Section

63-Eu-152  
-80.34 To 2189. %



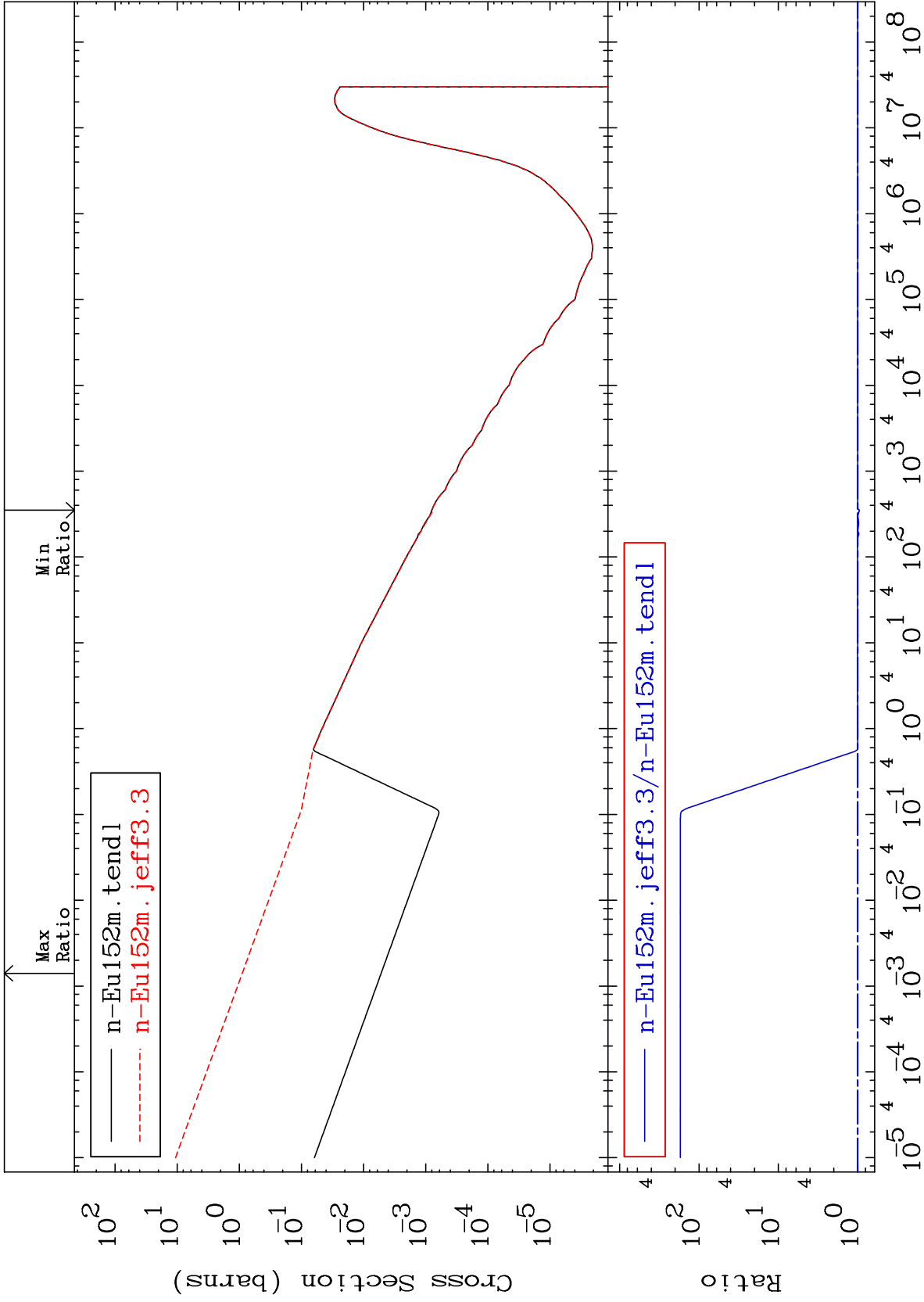
MAT 6329

(n,p)

63-Eu-152

Cross Section

-4.824 To 9999. %



52

Incident Energy (eV)

63-Eu-152

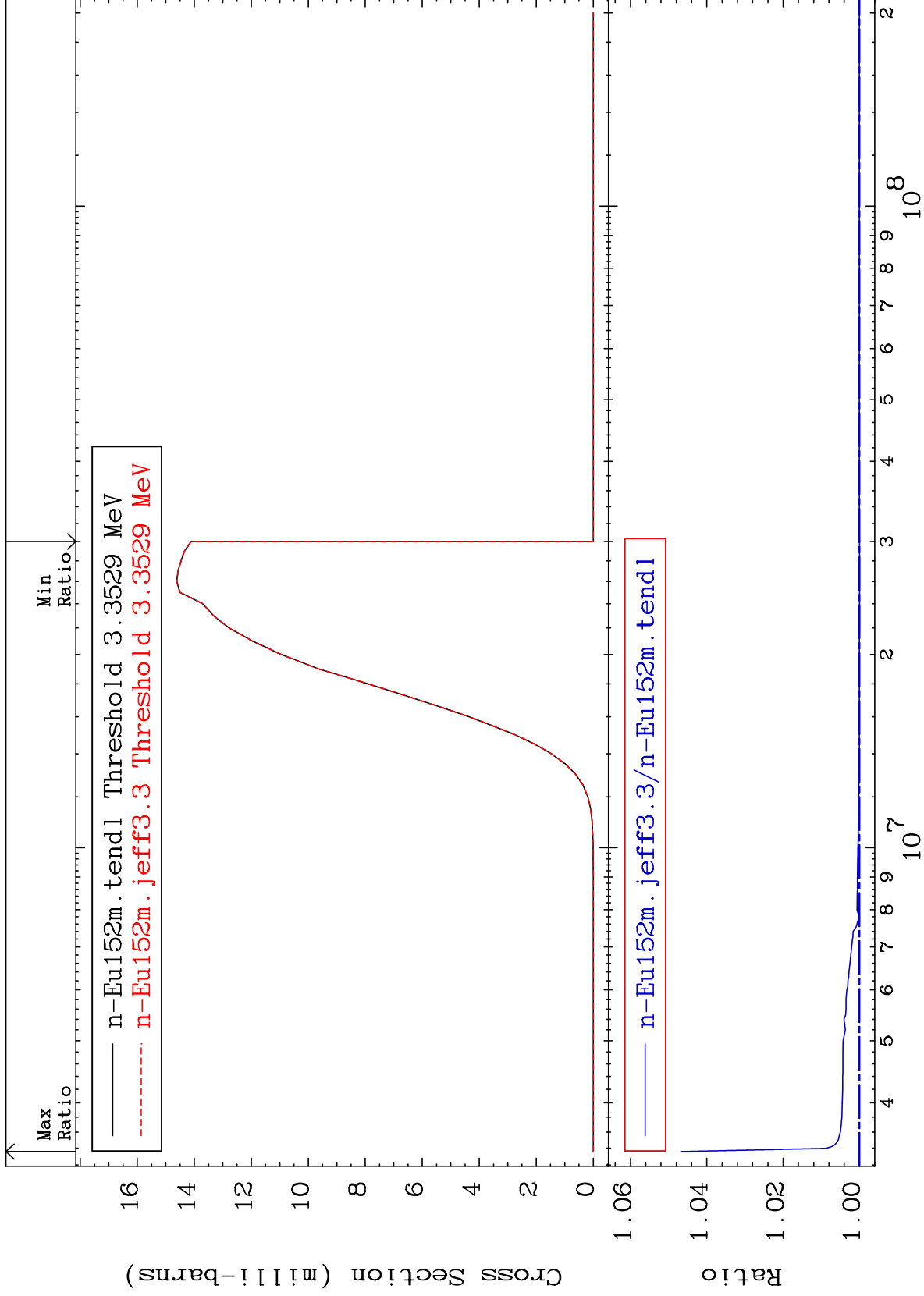
MAT 6329

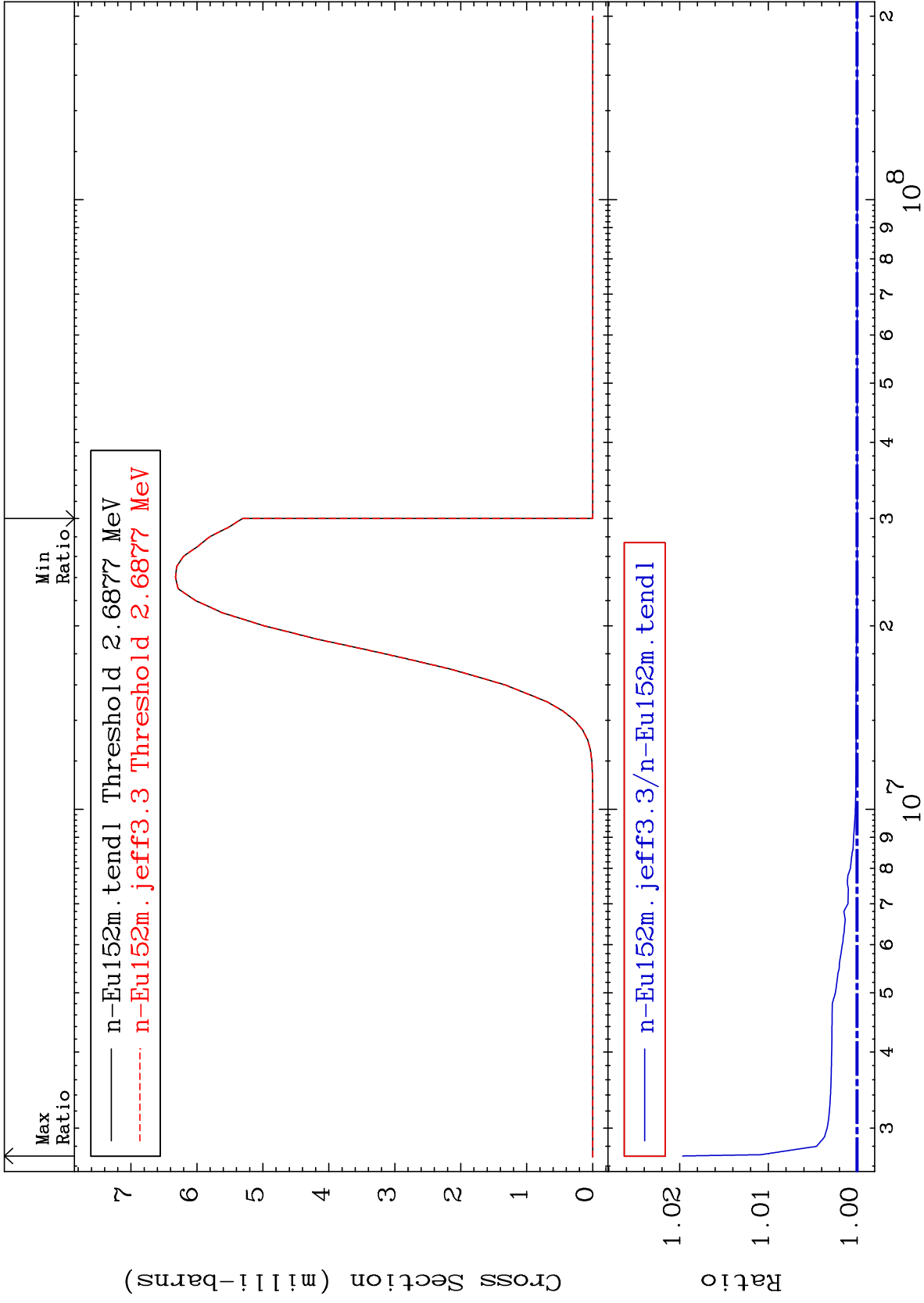
(n, d)

63-Eu-152

Cross Section

-0.003 To 4.682 %



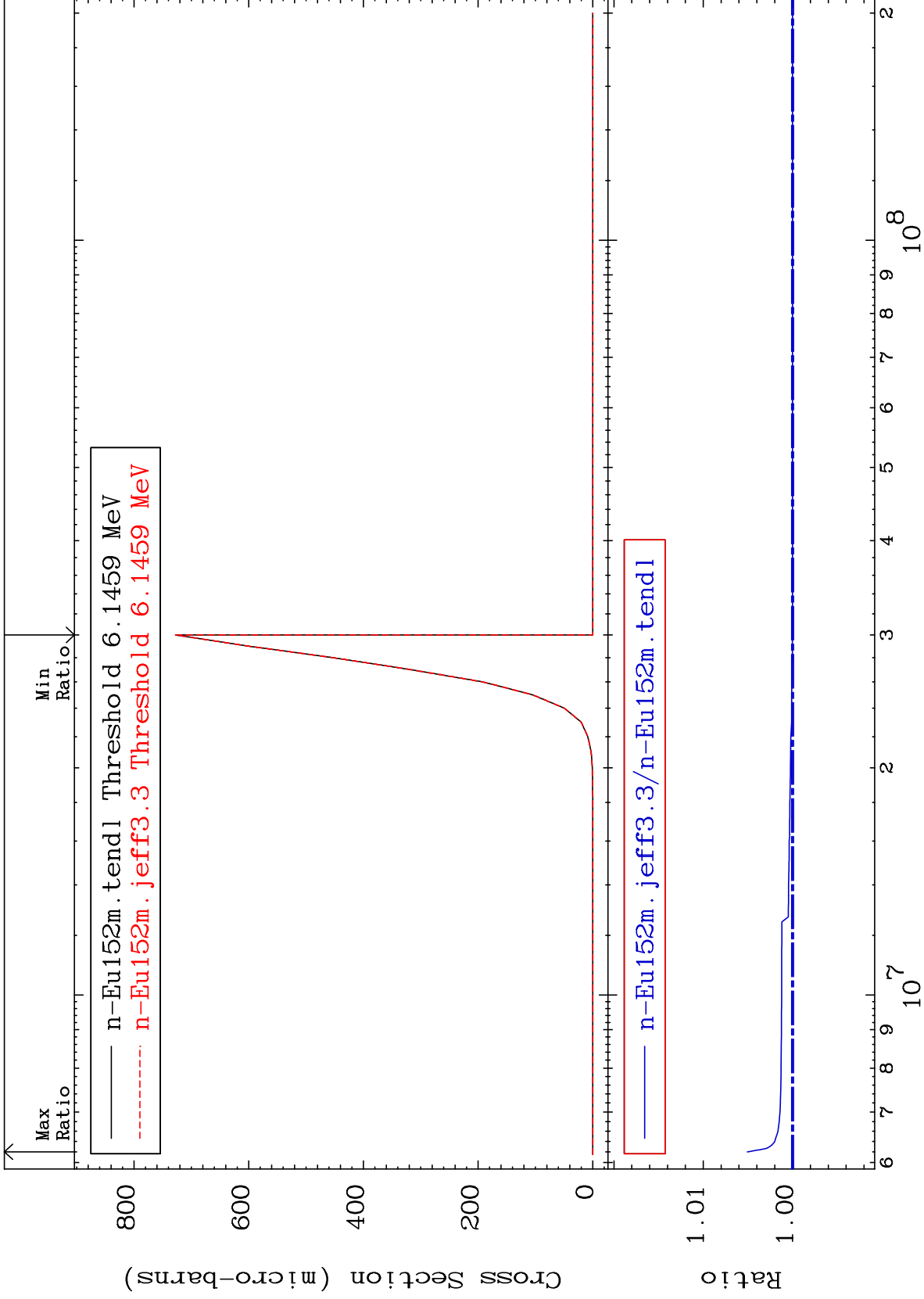


MAT 6329

(n, He-3)

63-Eu-152  
To 0.508 %

Cross Section



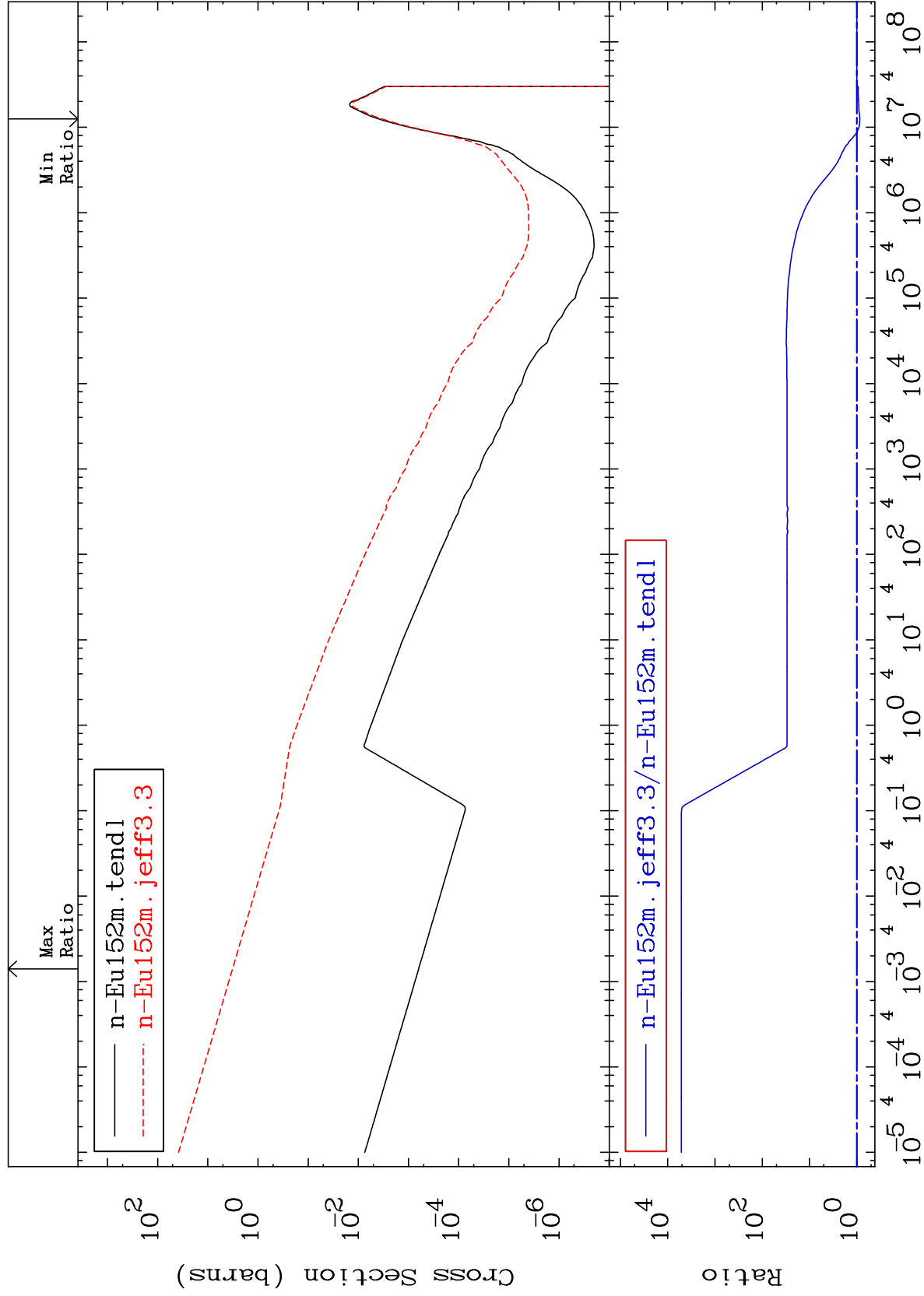
MAT 6329

(n,  $\alpha$ )

63-Eu-152

Cross Section

-13.10 To 9999. %



56

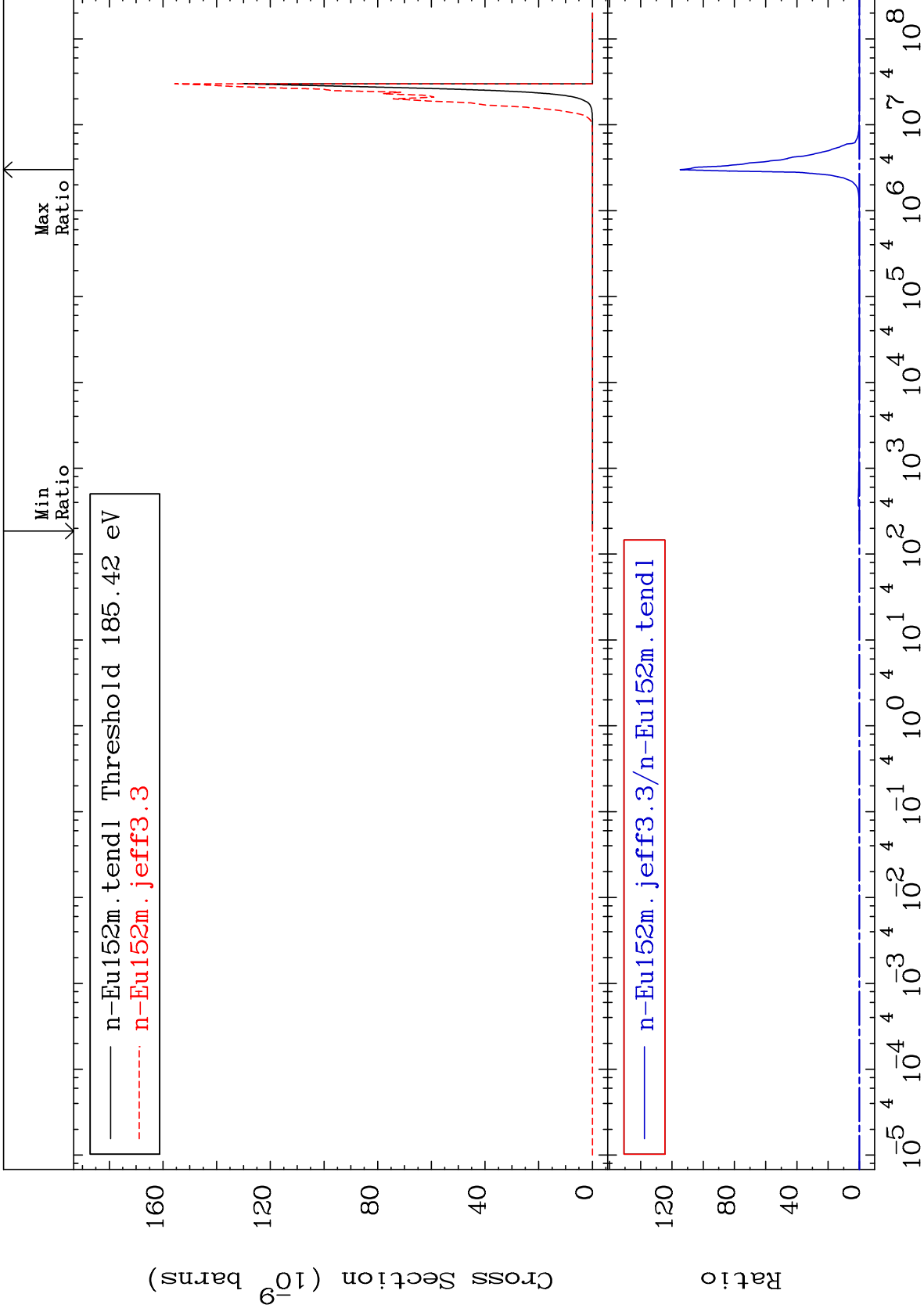
Incident Energy (eV)

63-Eu-152



Cross Section

-100.0 To 9999. %



Incident Energy (eV)

MAT 6329

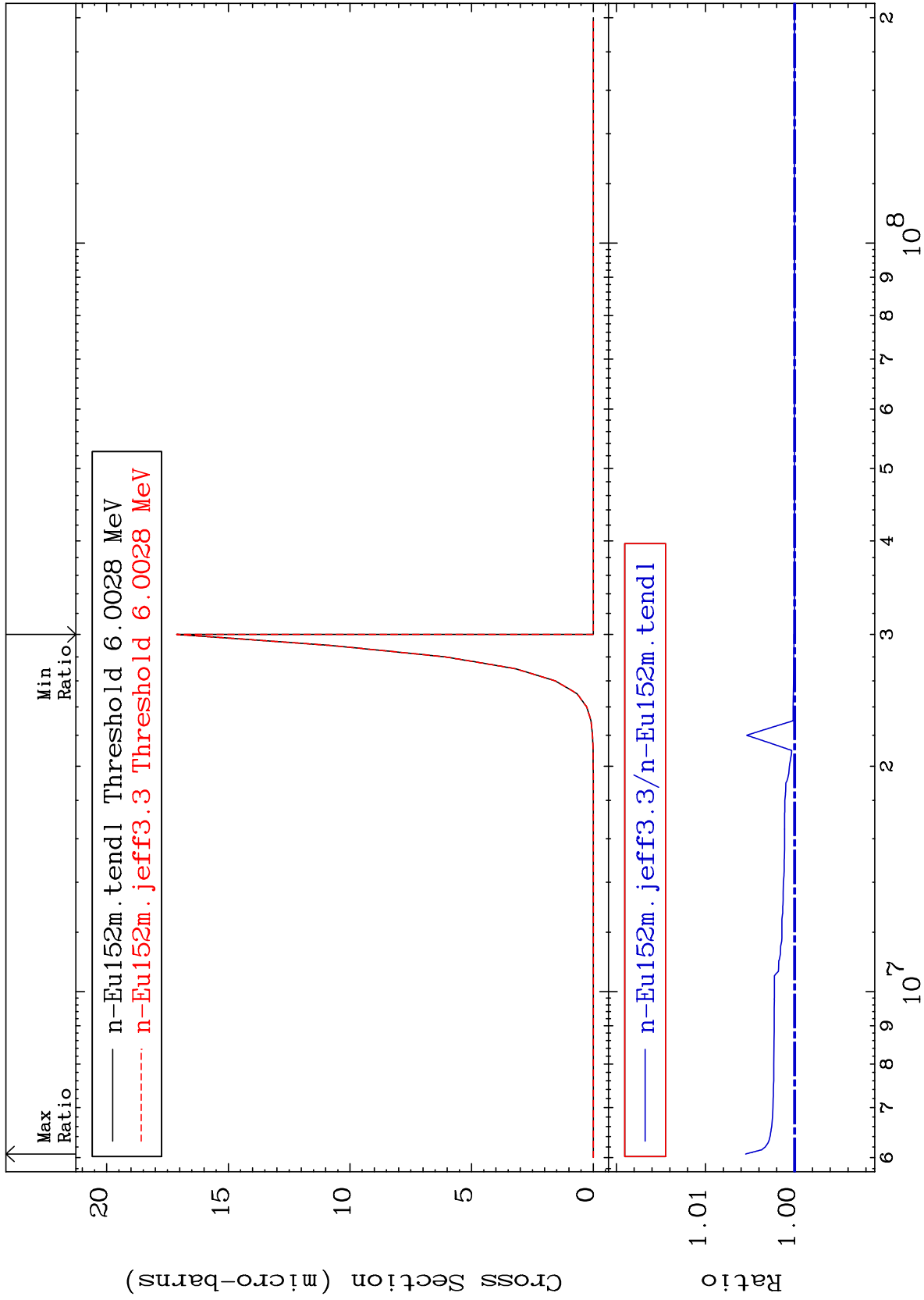
63-Eu-152

(n,2p)

0.000

Cross Section

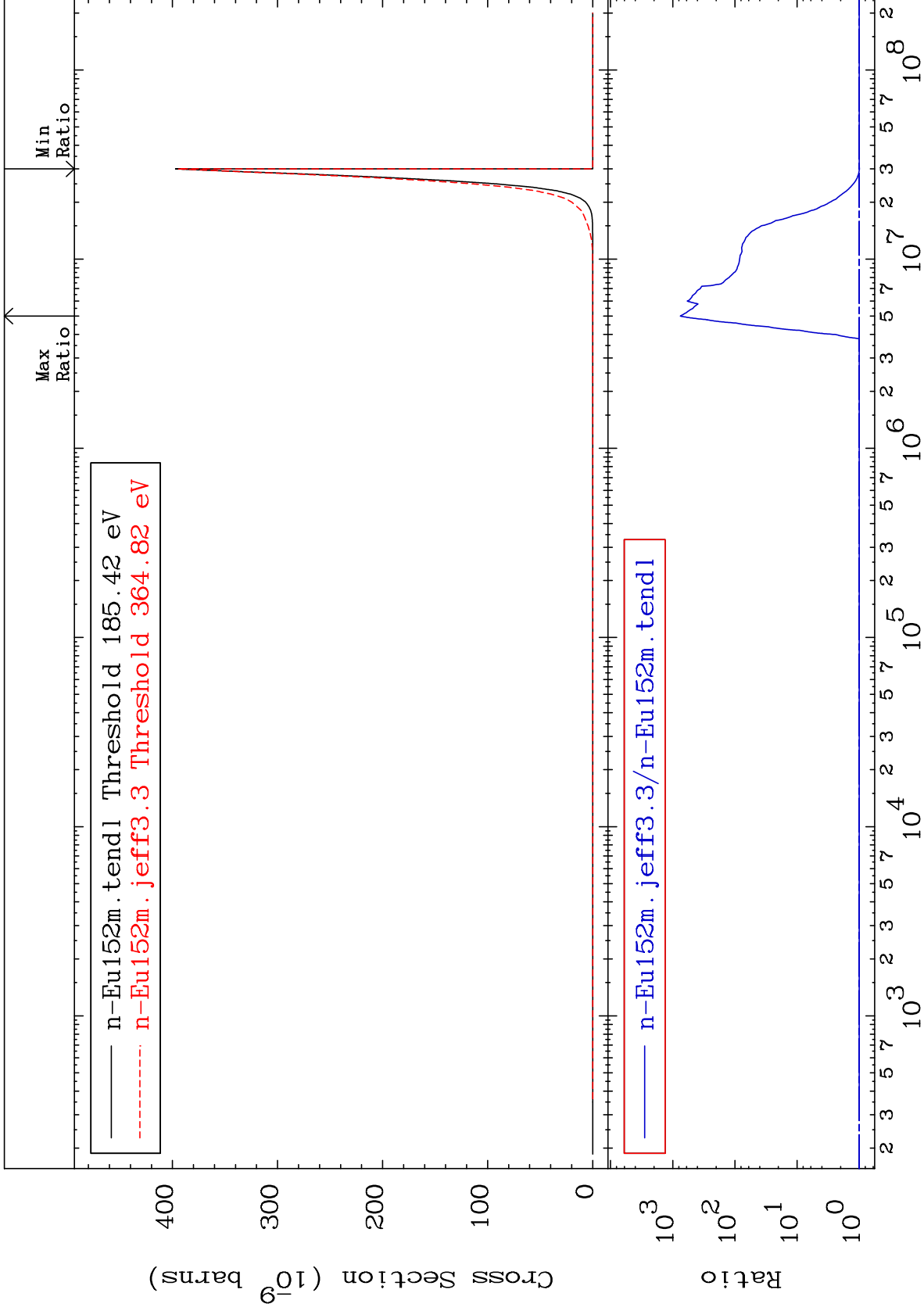
To 0.549 %



58

Incident Energy (eV)

63-Eu-152



MAT 6329

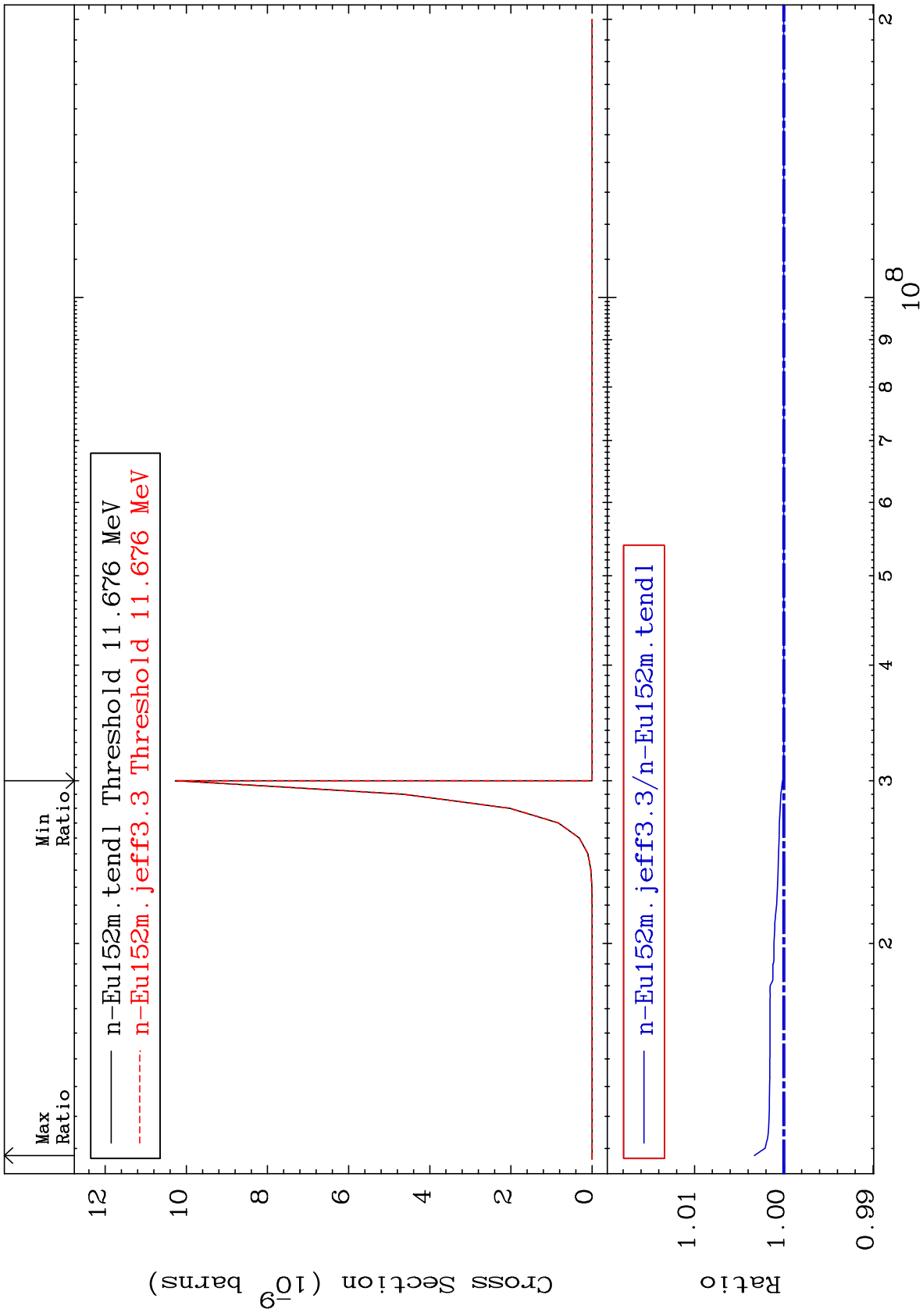
(n,p) d

63-Eu-152

Cross Section

0.000

To 0.330 %



60

Incident Energy (eV)

63-Eu-152

MAT 6329

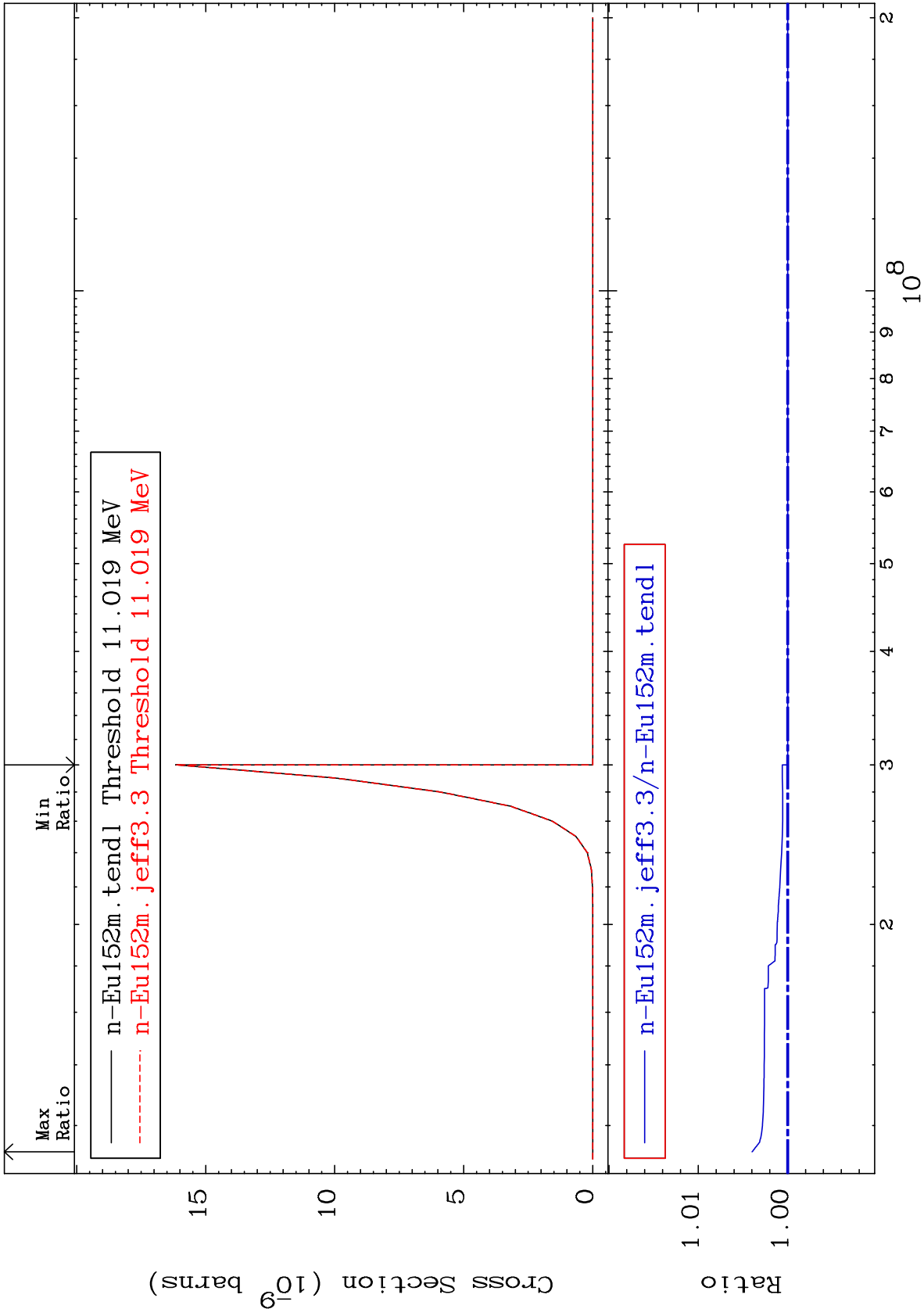
(n,p) t

63-Eu-152

Cross Section

0.000

To 0.398 %



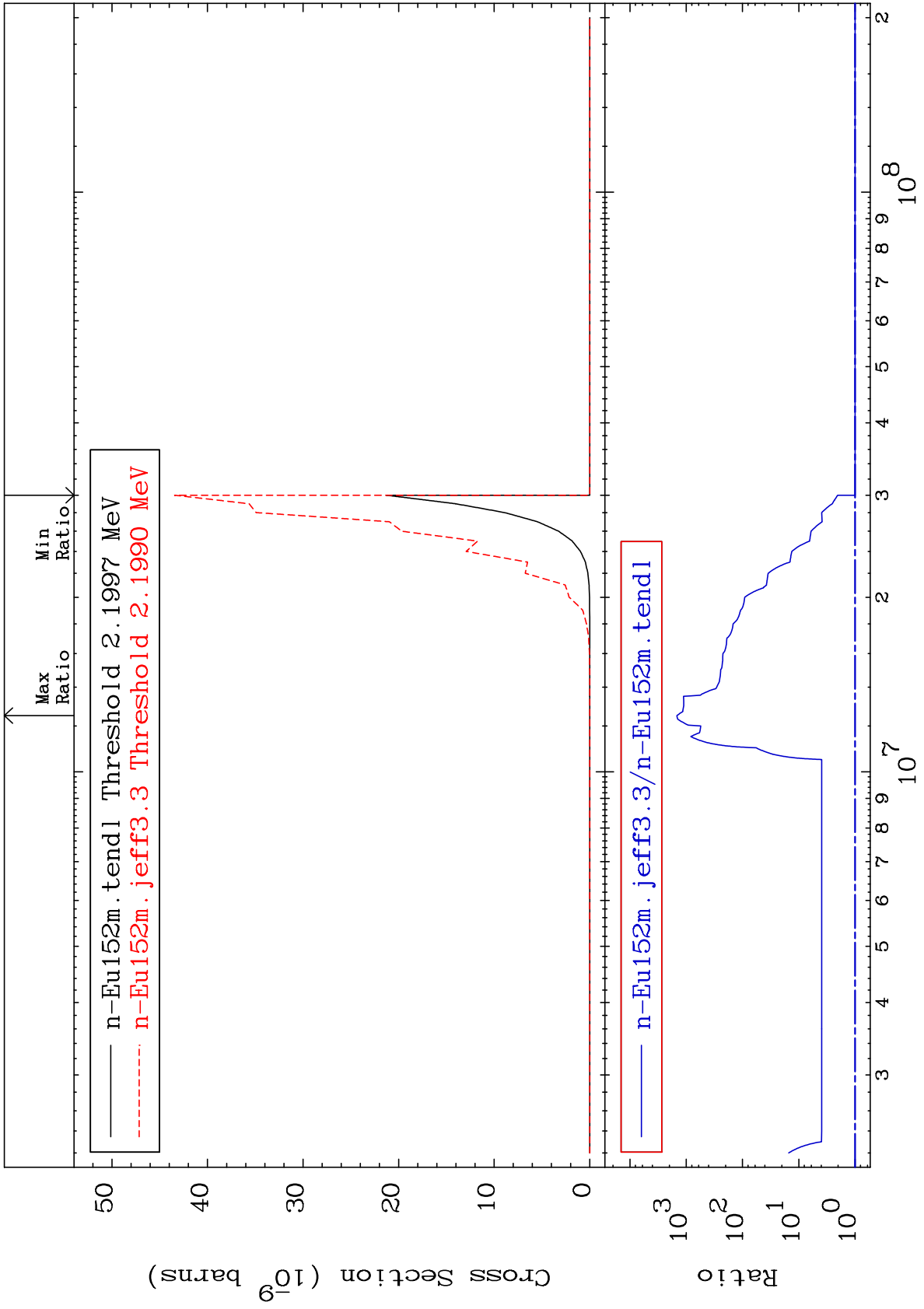
61

Incident Energy (eV)

63-Eu-152

MAT 6329

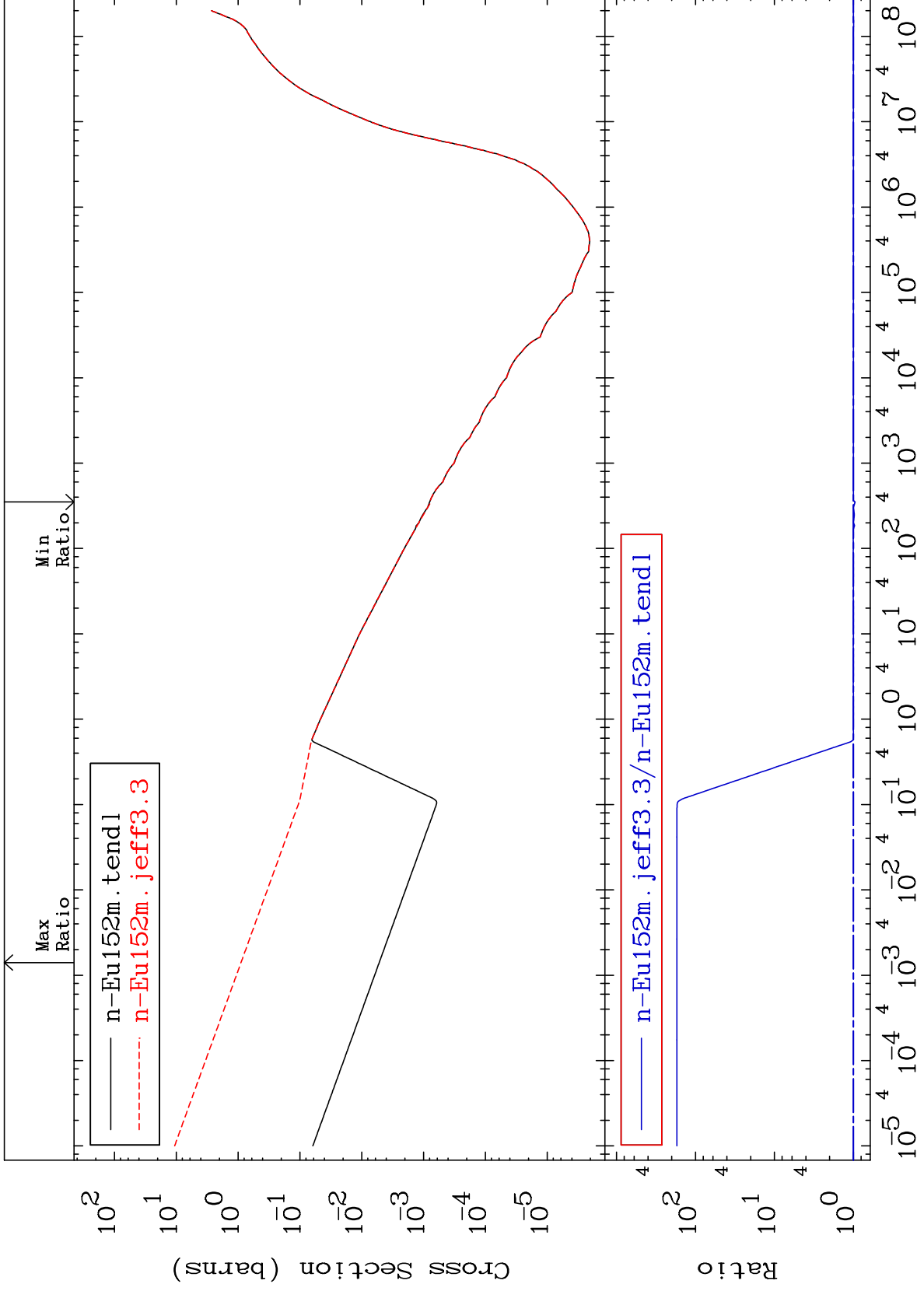
(n, d)  $\alpha$   
Cross Section  
63-Eu-152  
To 9999. %  
0.000



MAT 6329

Hydrogen Production  
Cross Section

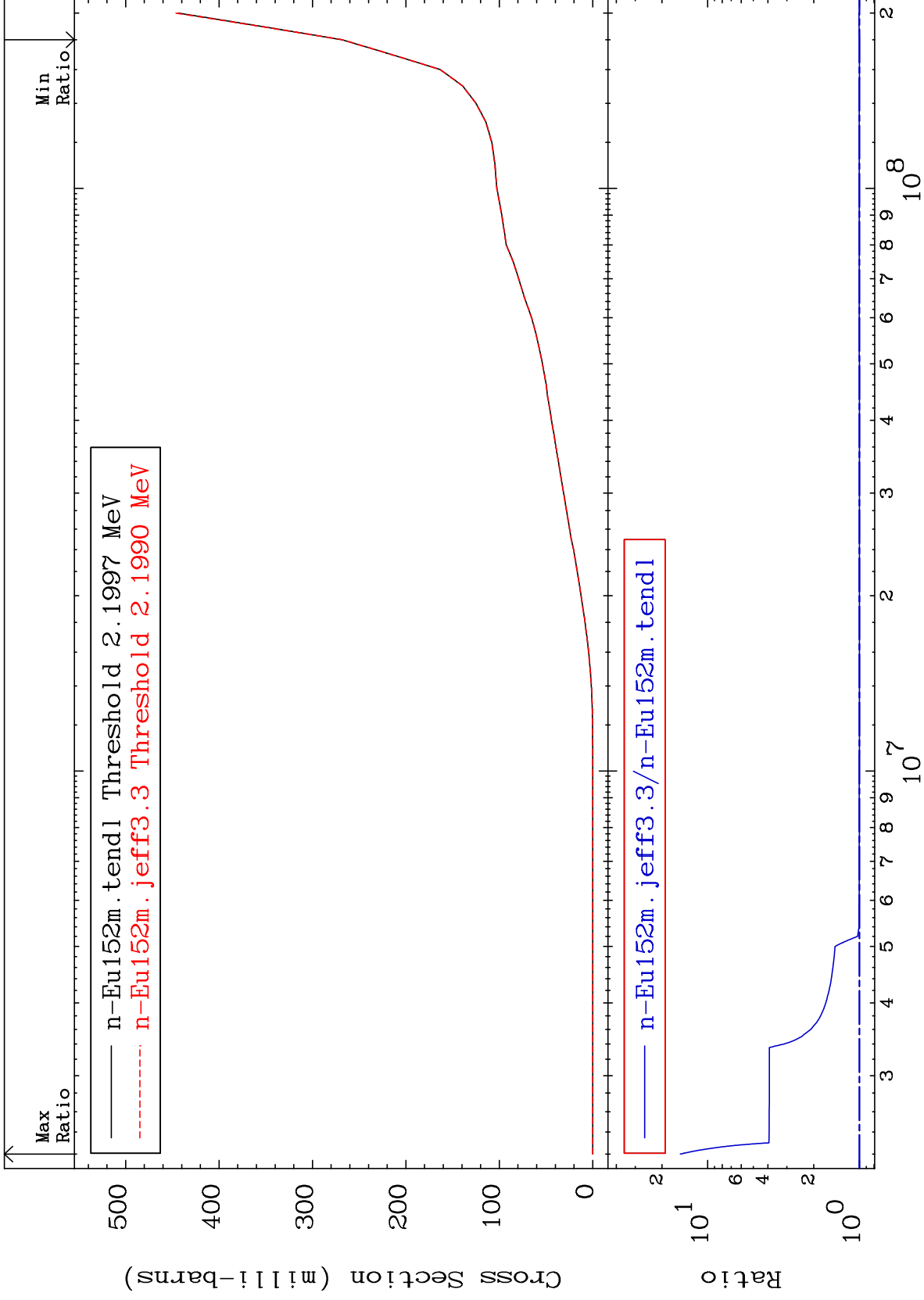
63-Eu-152  
-4.824 To 9999. %



63

Incident Energy (eV)

63-Eu-152

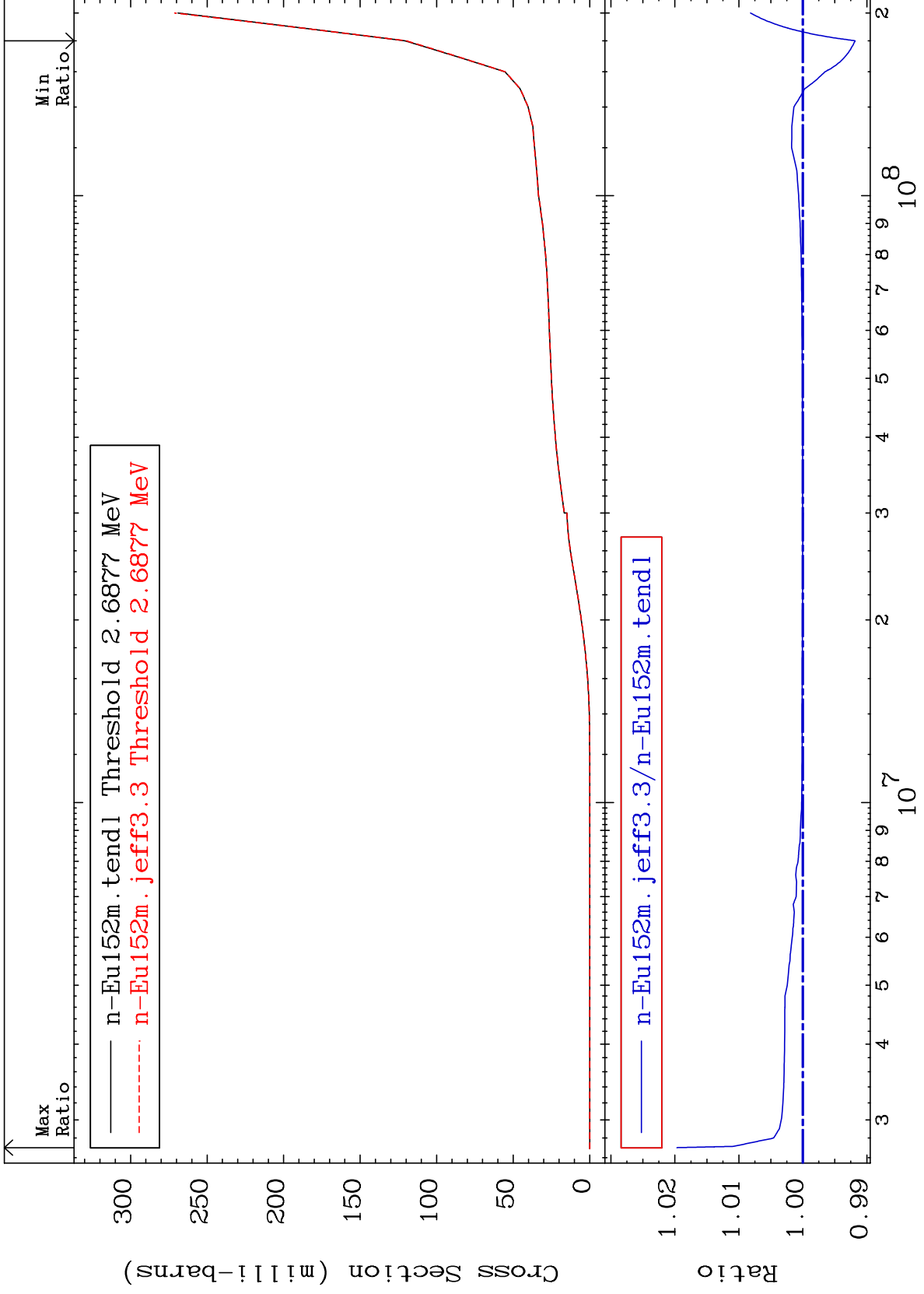




MAT 6329

Tritium Production  
Cross Section

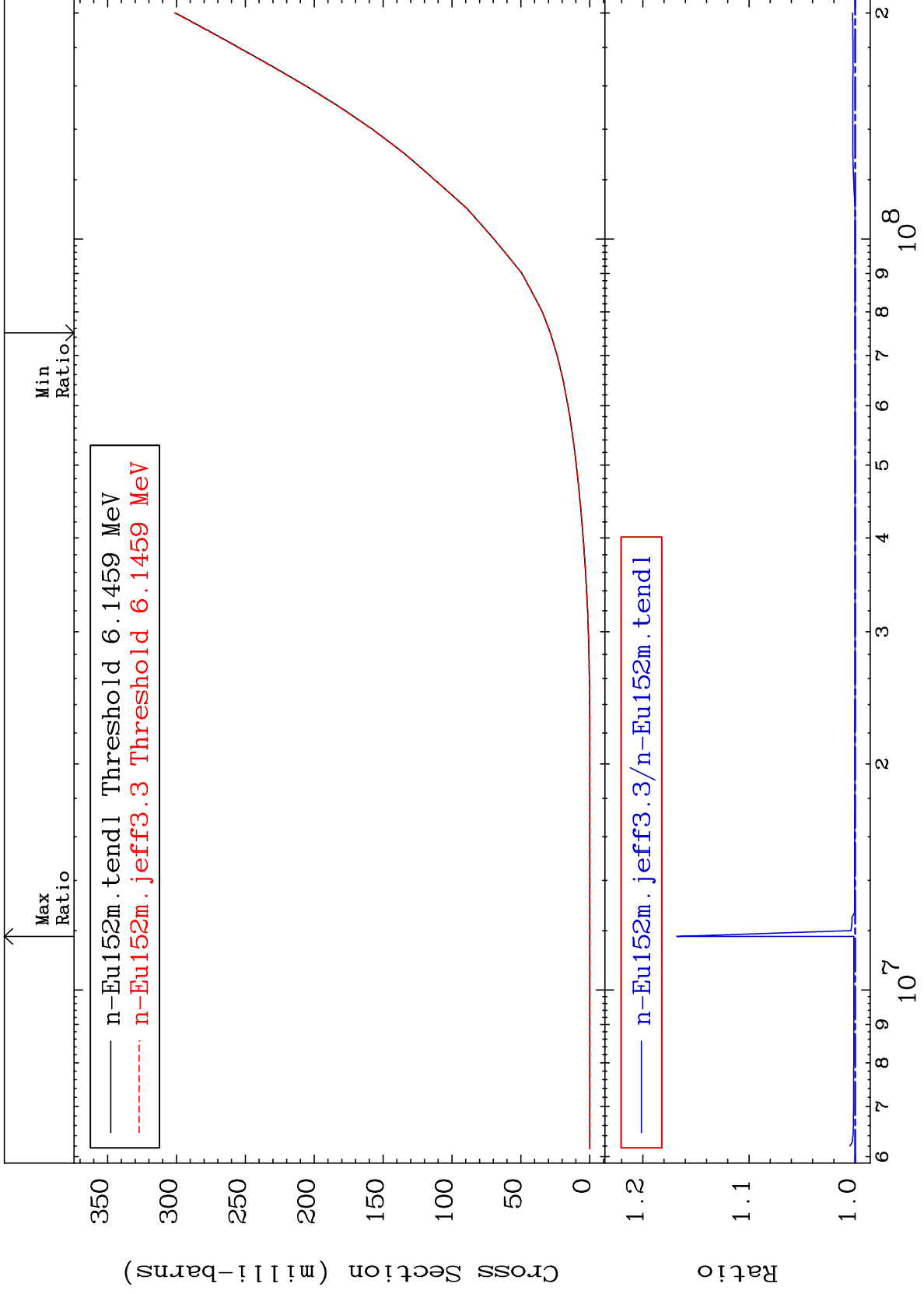
63-Eu-152  
-0.817 To 1.968 %



MAT 6329

He-3 Production  
Cross Section

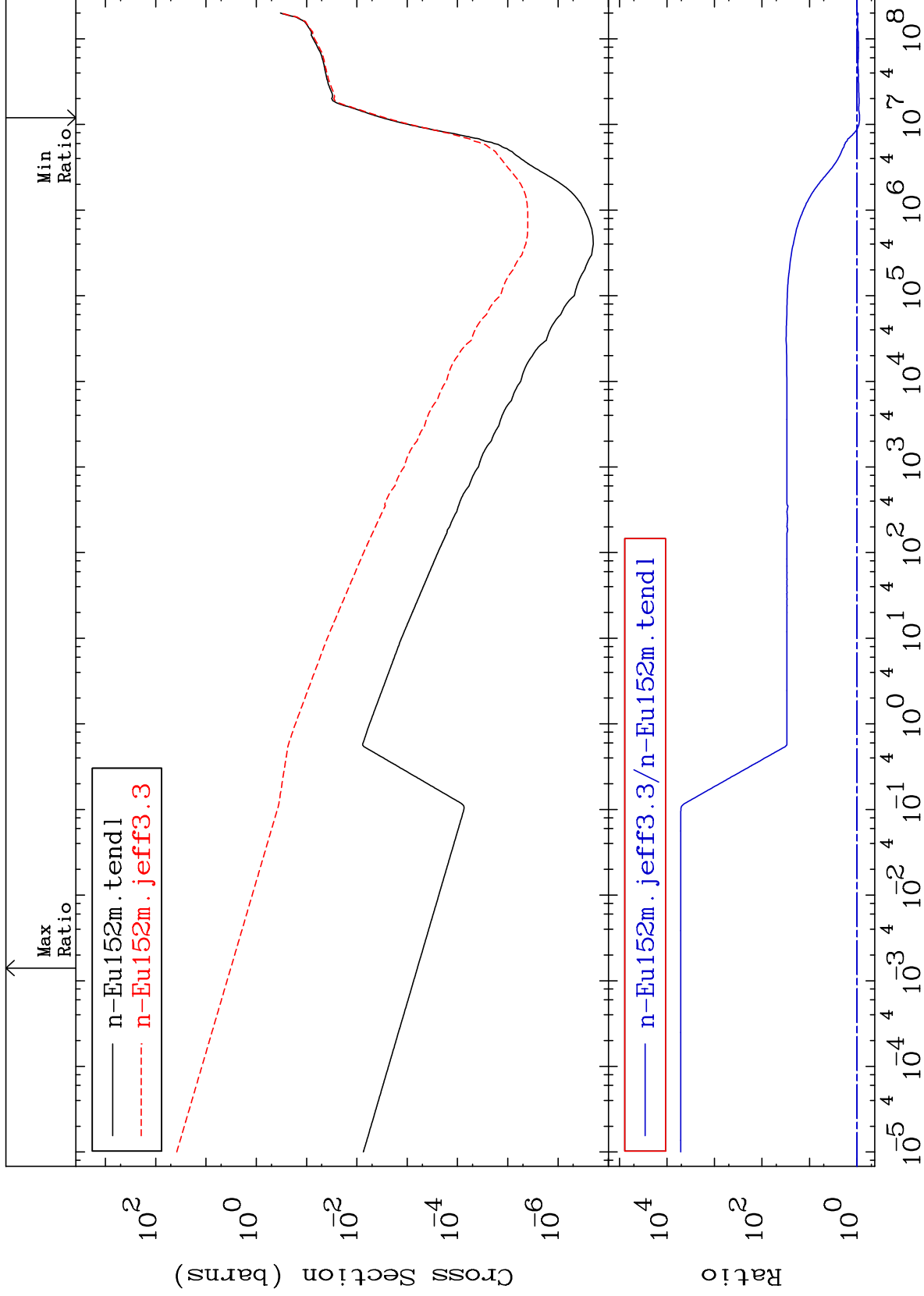
63-Eu-152  
To 16.79 %



MAT 6329

He-4 Production  
Cross Section

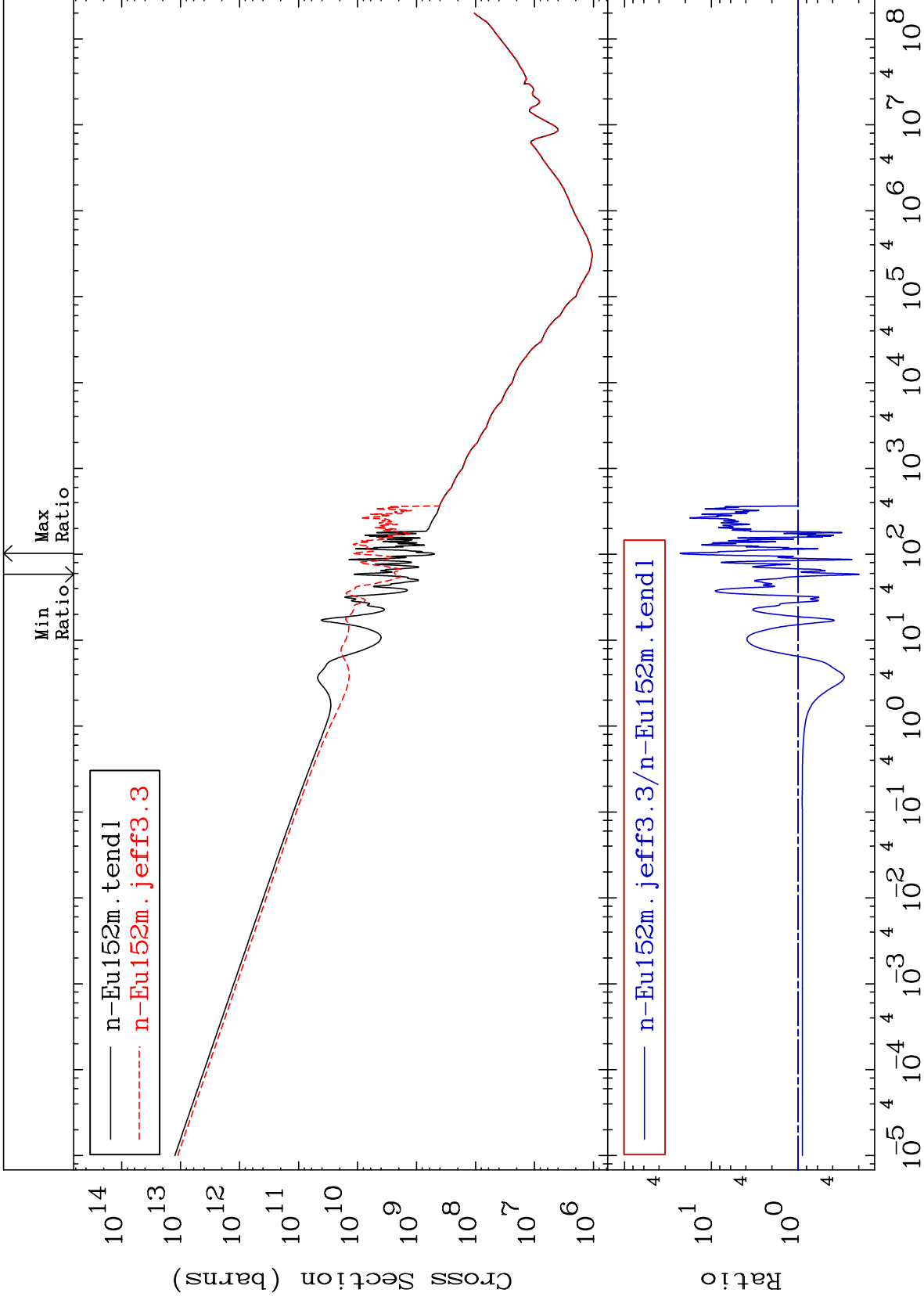
63-Eu-152  
-11.55 To 9999. %

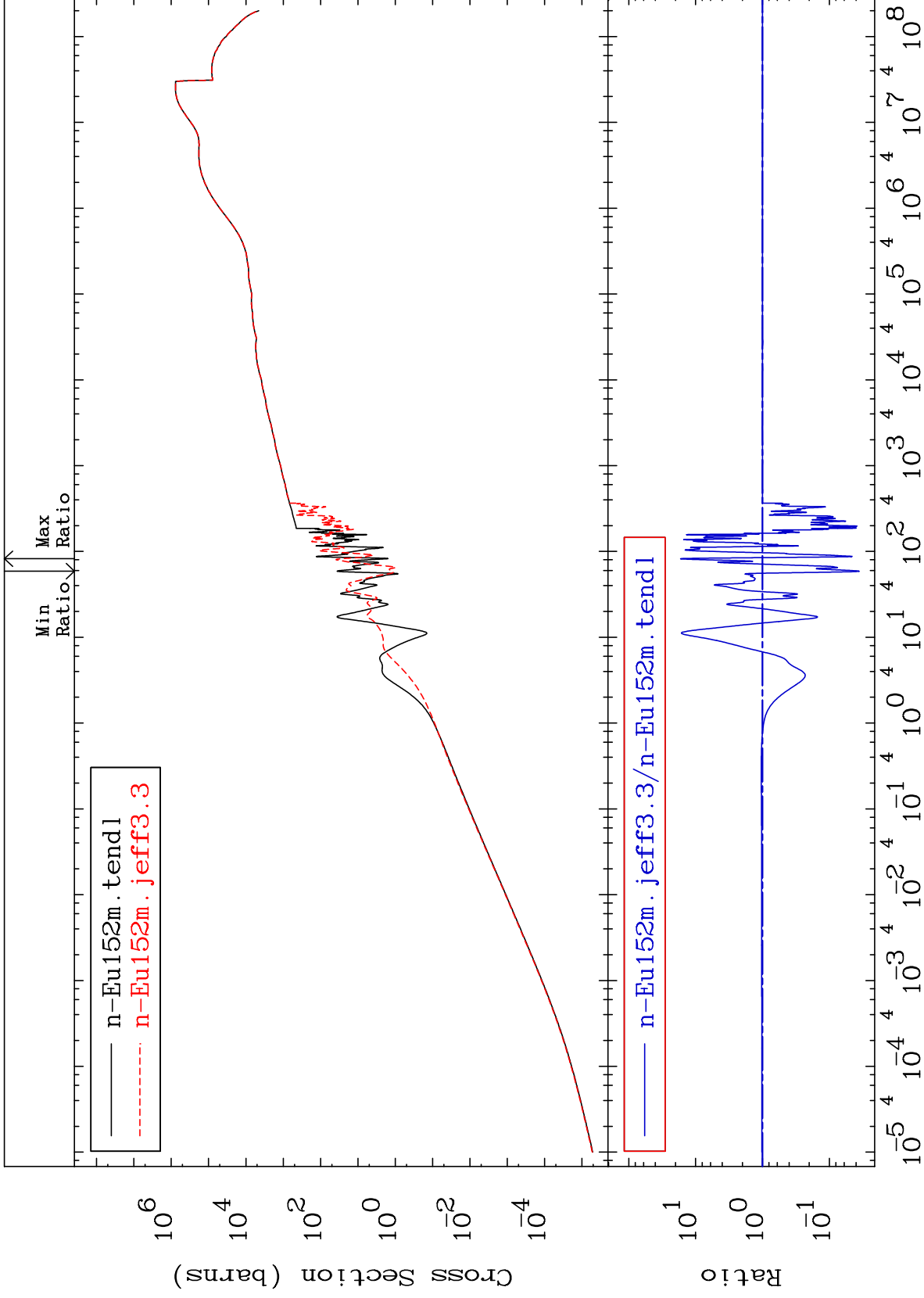


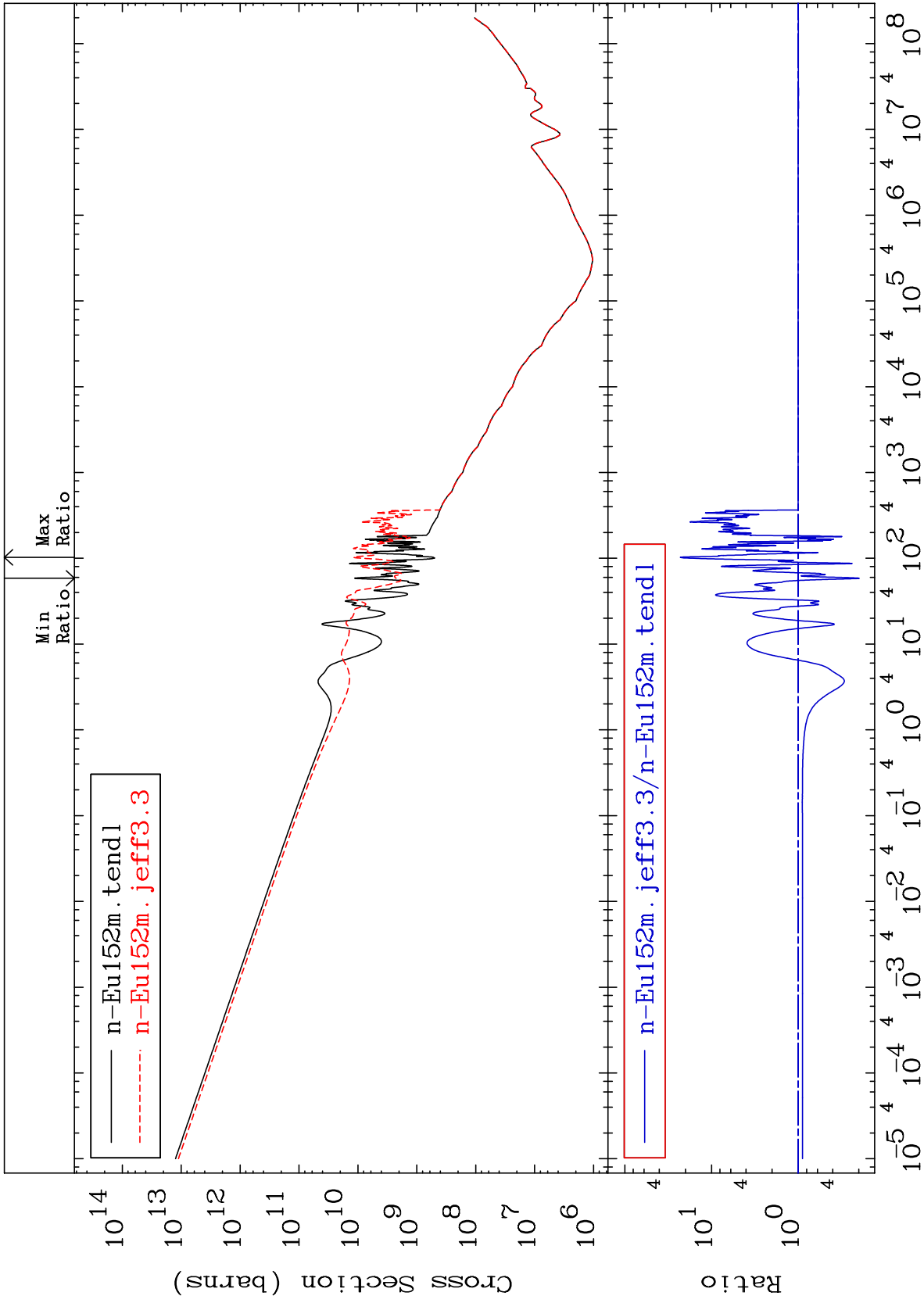
67

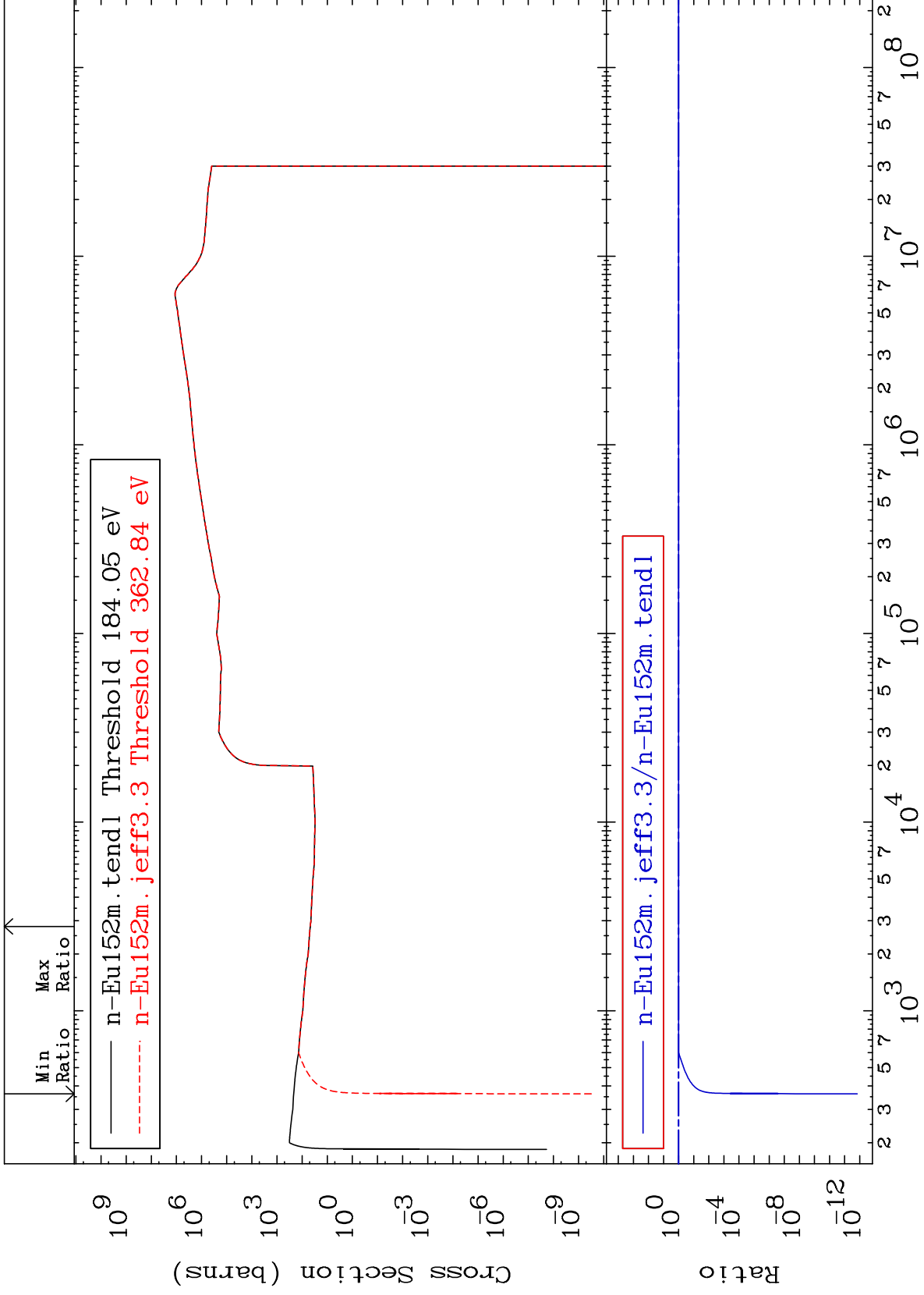
Incident Energy (eV)

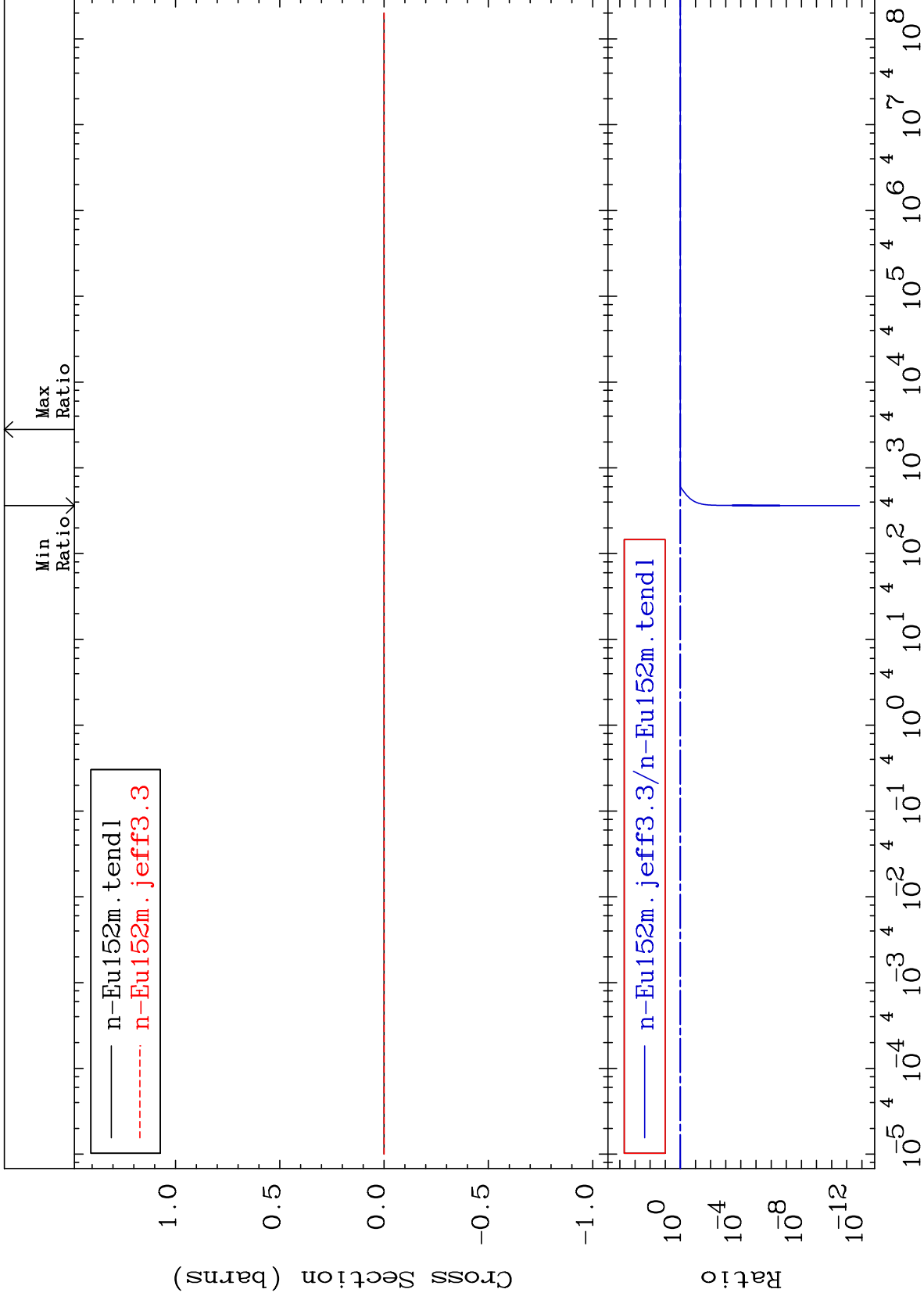
63-Eu-152



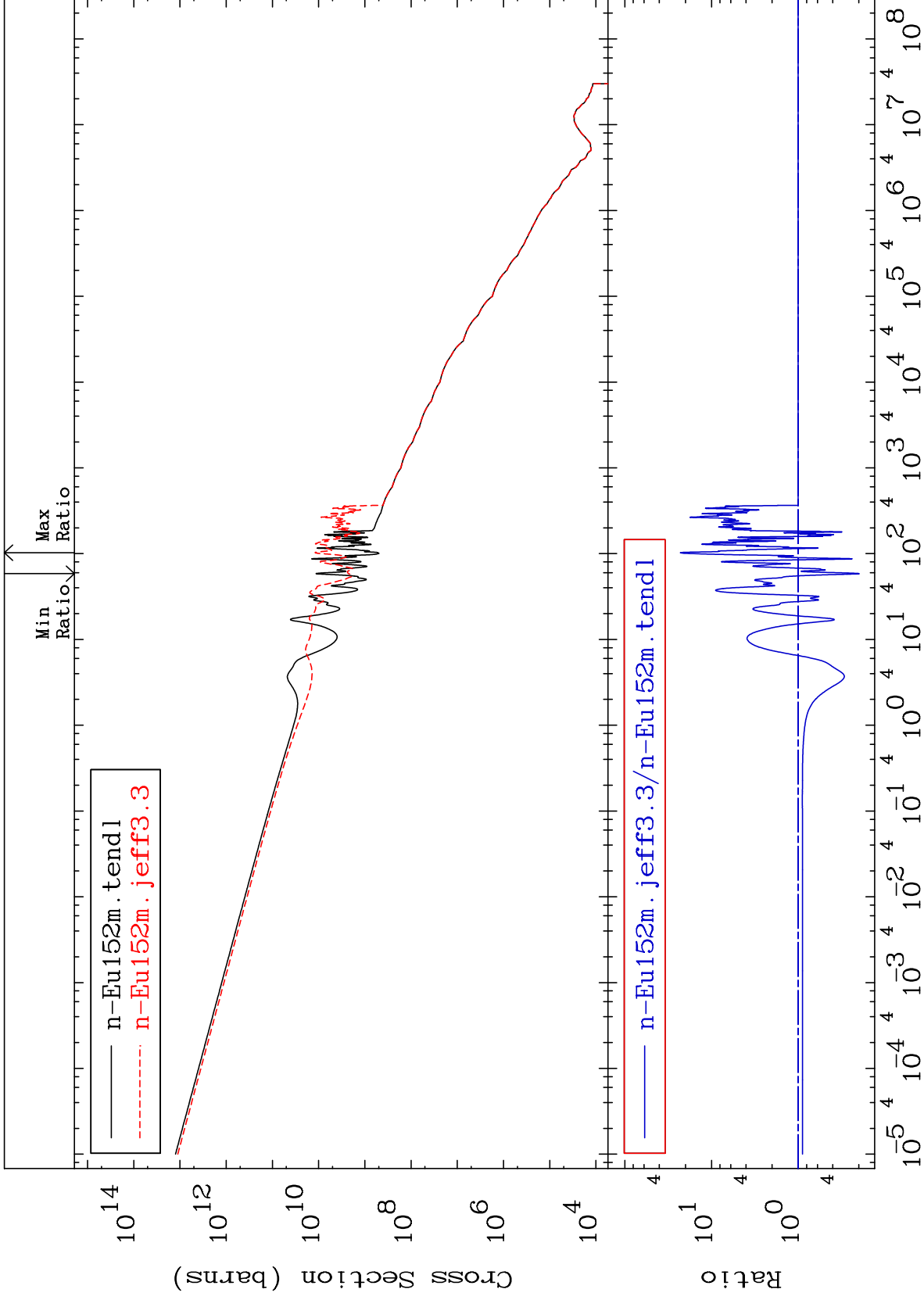












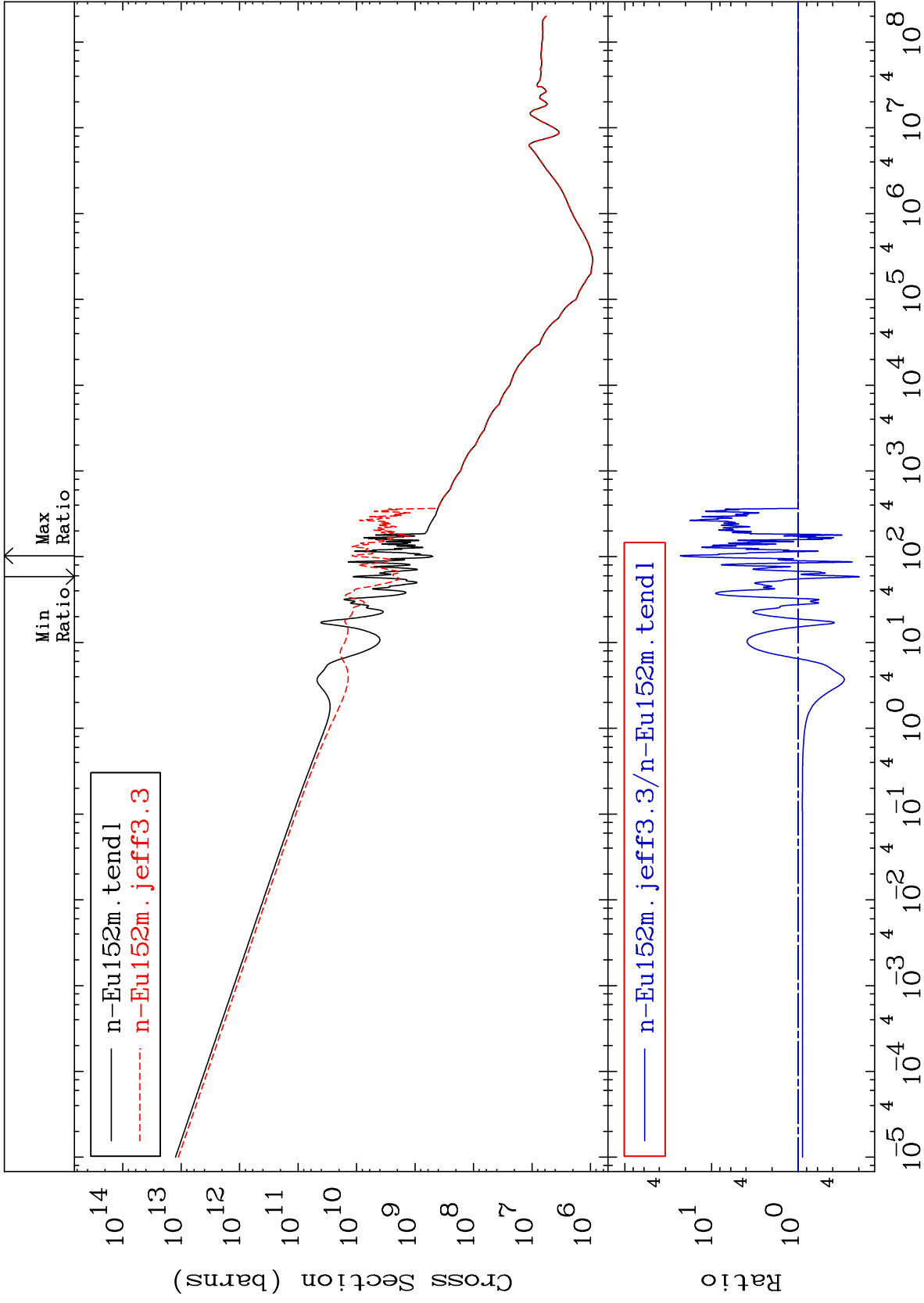
MAT 6329

Total photon (eV-barns)

63-Eu-152

Cross Section

-80.34 To 2189. %



74

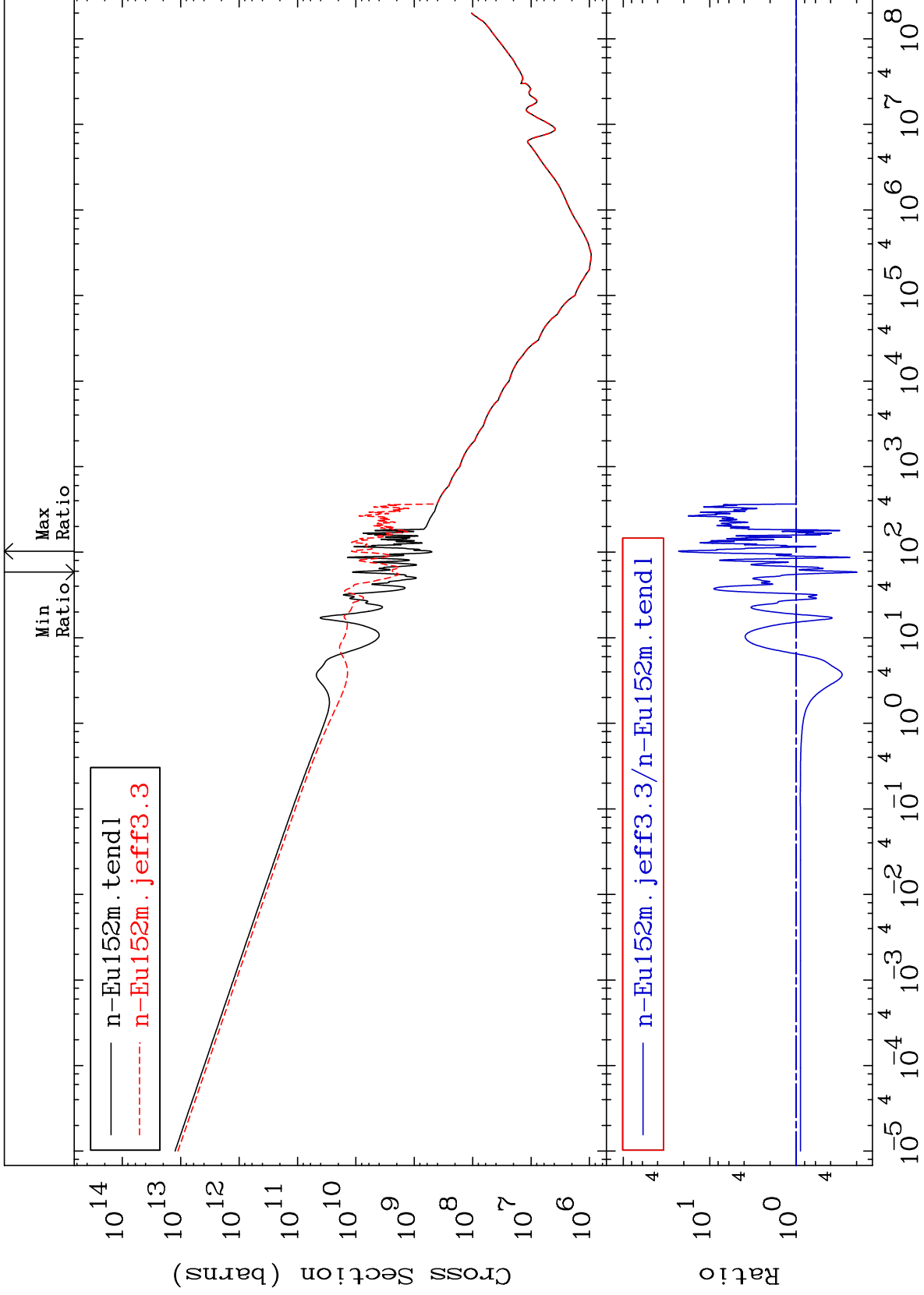
Incident Energy (eV)

63-Eu-152

MAT 6329

Total kinematic kerma (high limit)  
Cross Section

63-Eu-152  
-80.33 To 2189. %



75

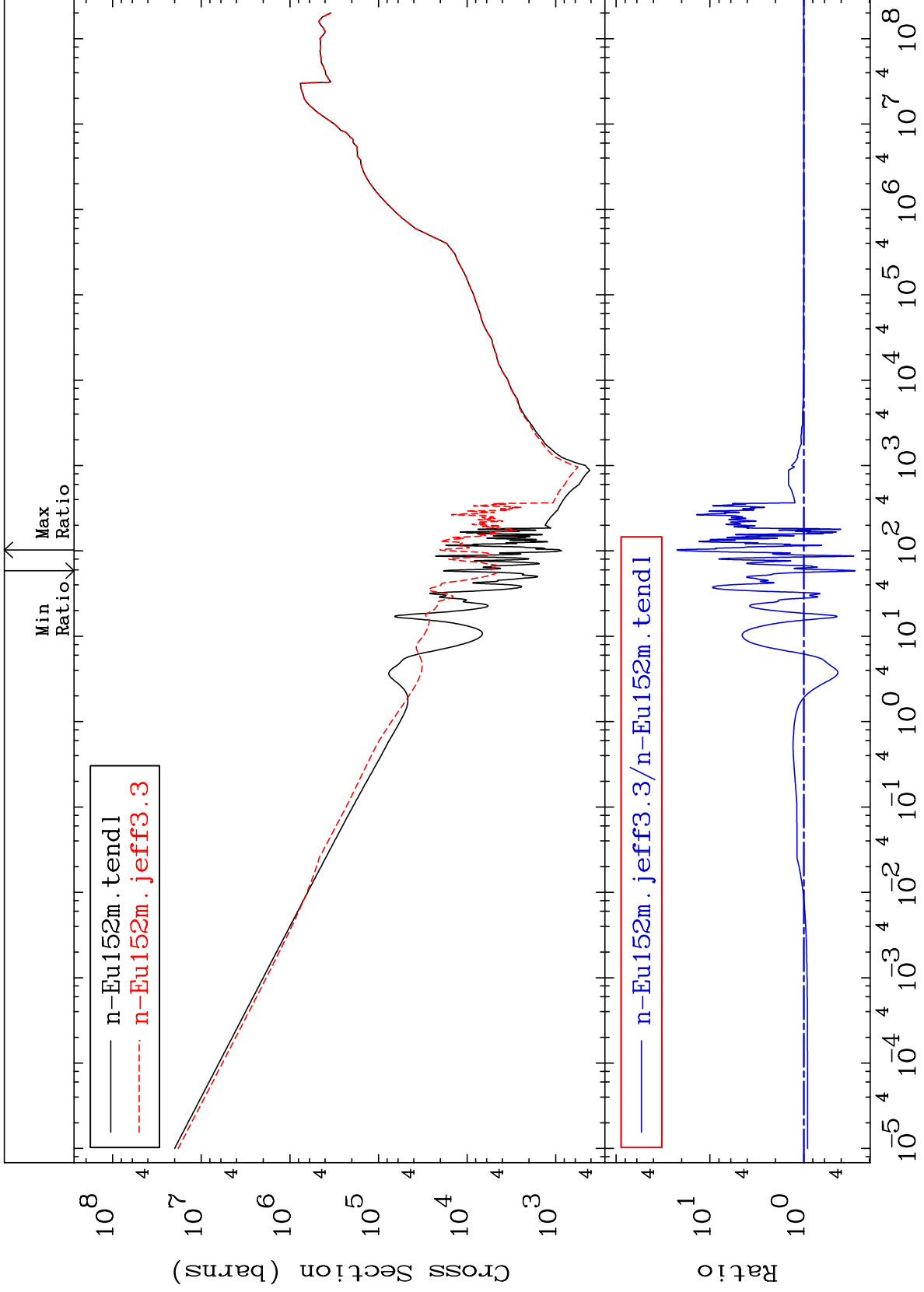
Incident Energy (eV)

63-Eu-152

MAT 6329

Dpa total (eV-barns)  
Cross Section

63-Eu-152  
-71.63 To 2148. %



76

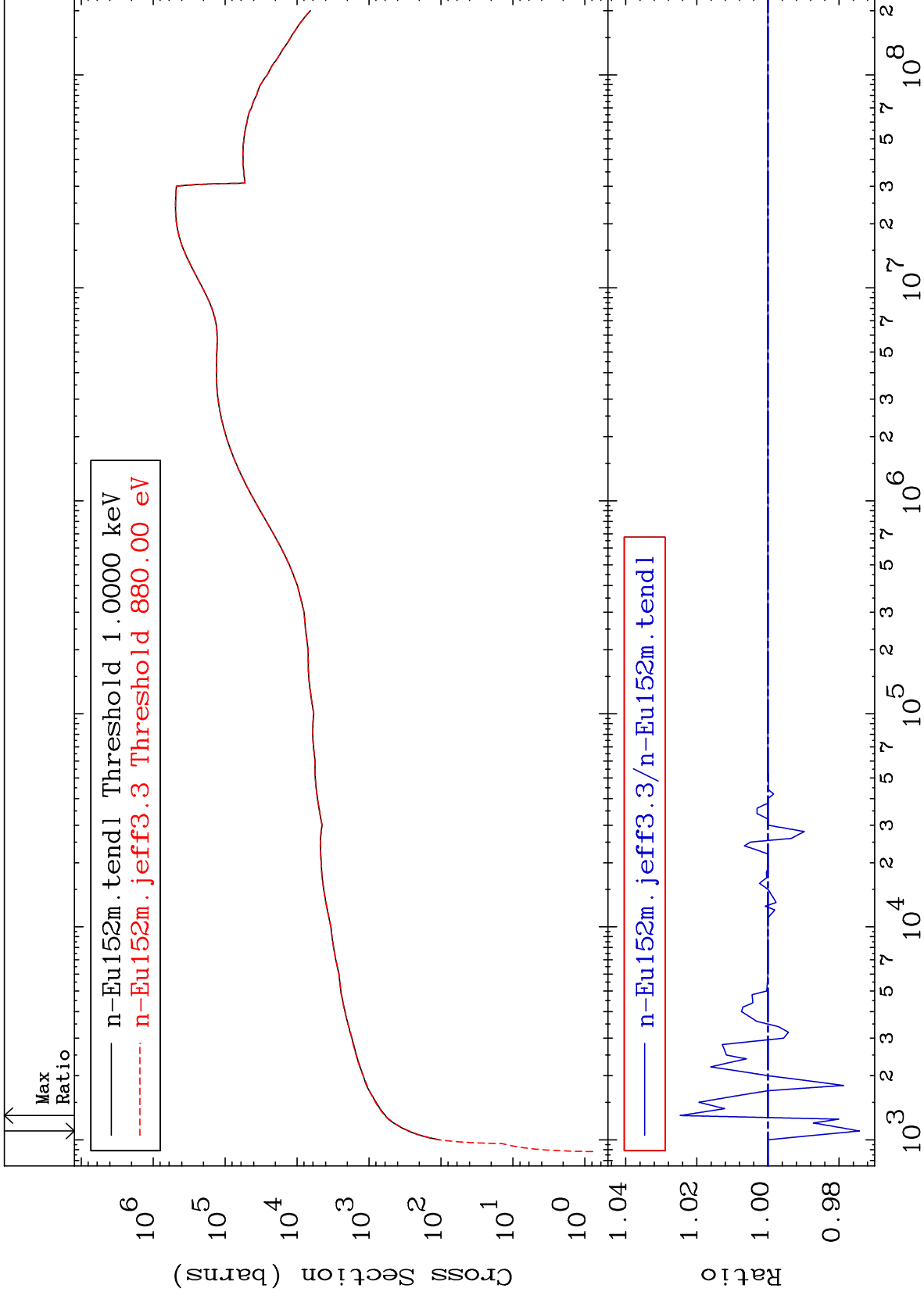
Incident Energy (eV)

63-Eu-152

MAT 6329

Dpa elastic (mt2)  
Cross Section

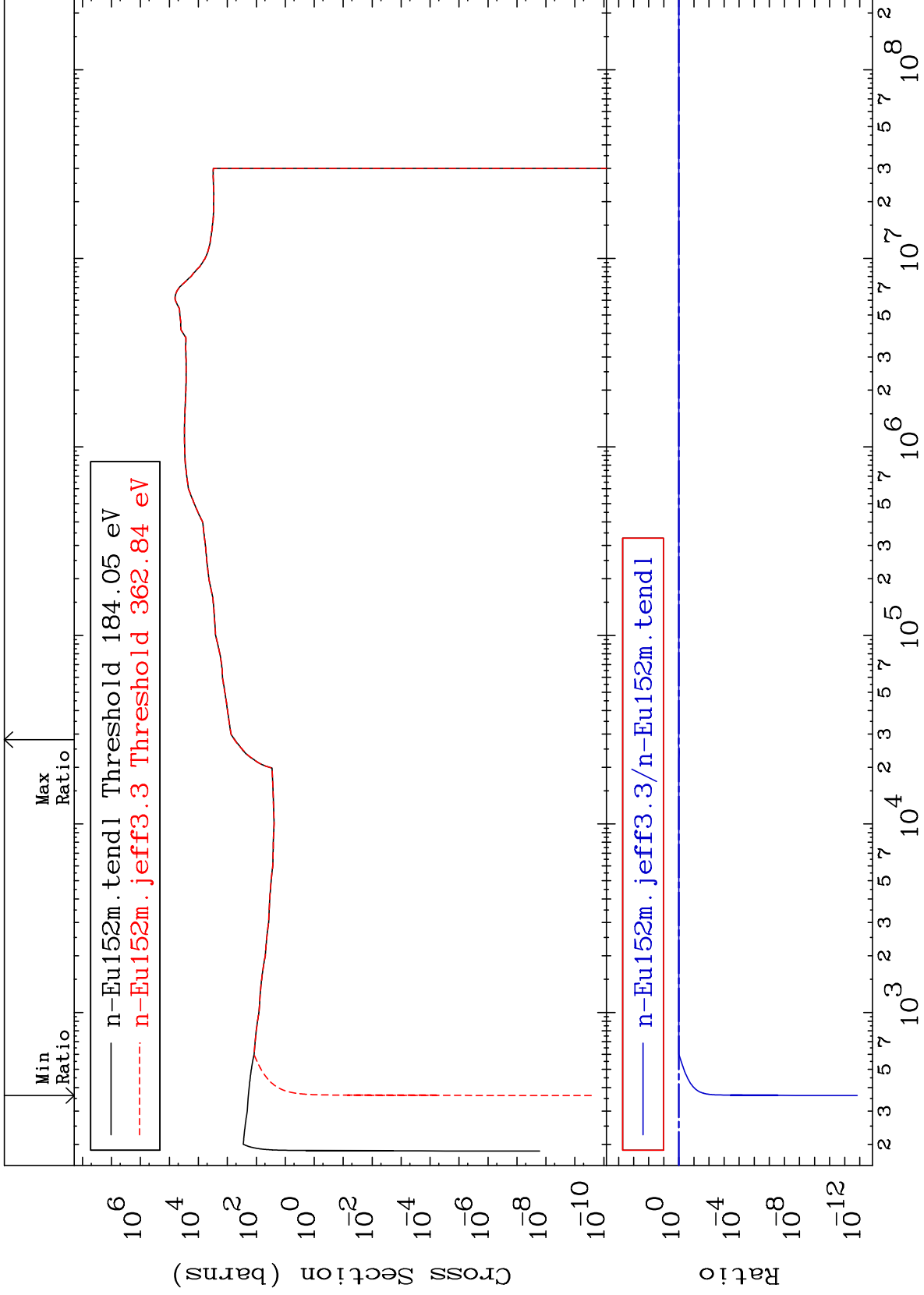
63-Eu-152  
-2.572 To 2.465 %

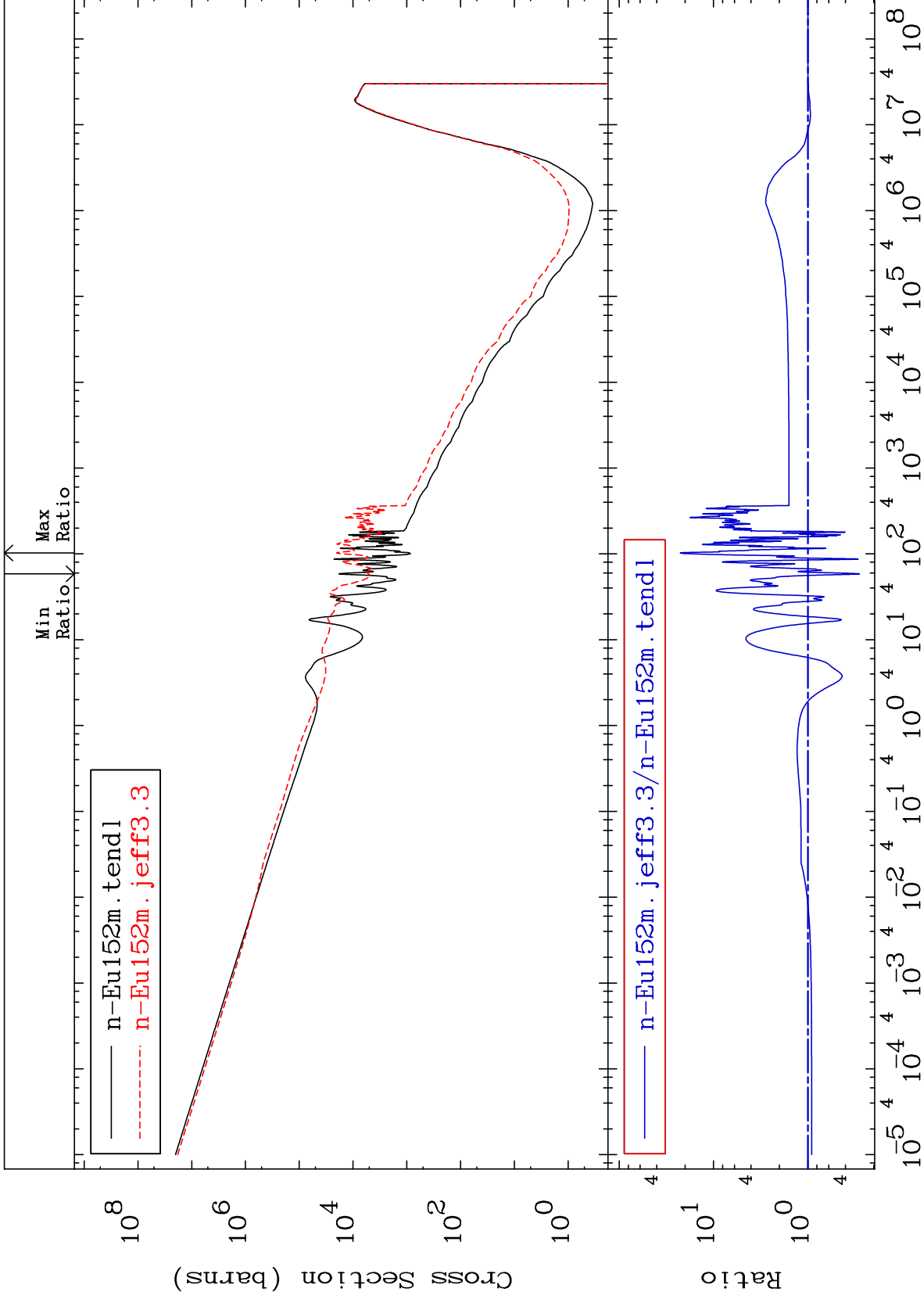


77

Incident Energy (eV)

63-Eu-152



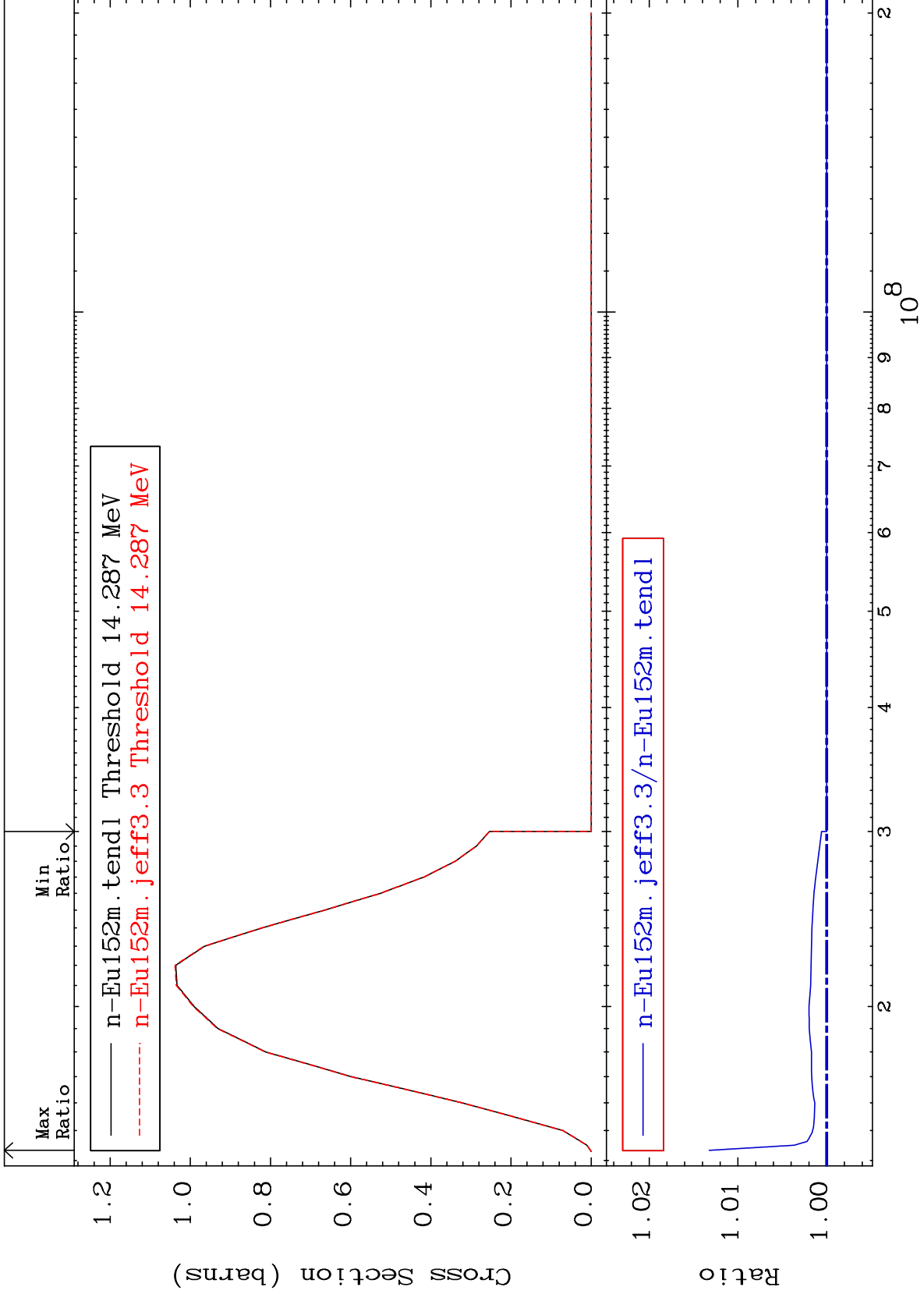


MAT 6329

(n,3n):63-Eu-150g

63-Eu-152

Radionuclide Production Cross Section 0.000 To 1.324 %



80

Incident Energy (eV)

63-Eu-152



MAT 6329

(n, 3n) : 63-Eu-150m1

63-Eu-152

Radionuclide Production Cross Section 0.000 To 0.497 %

