

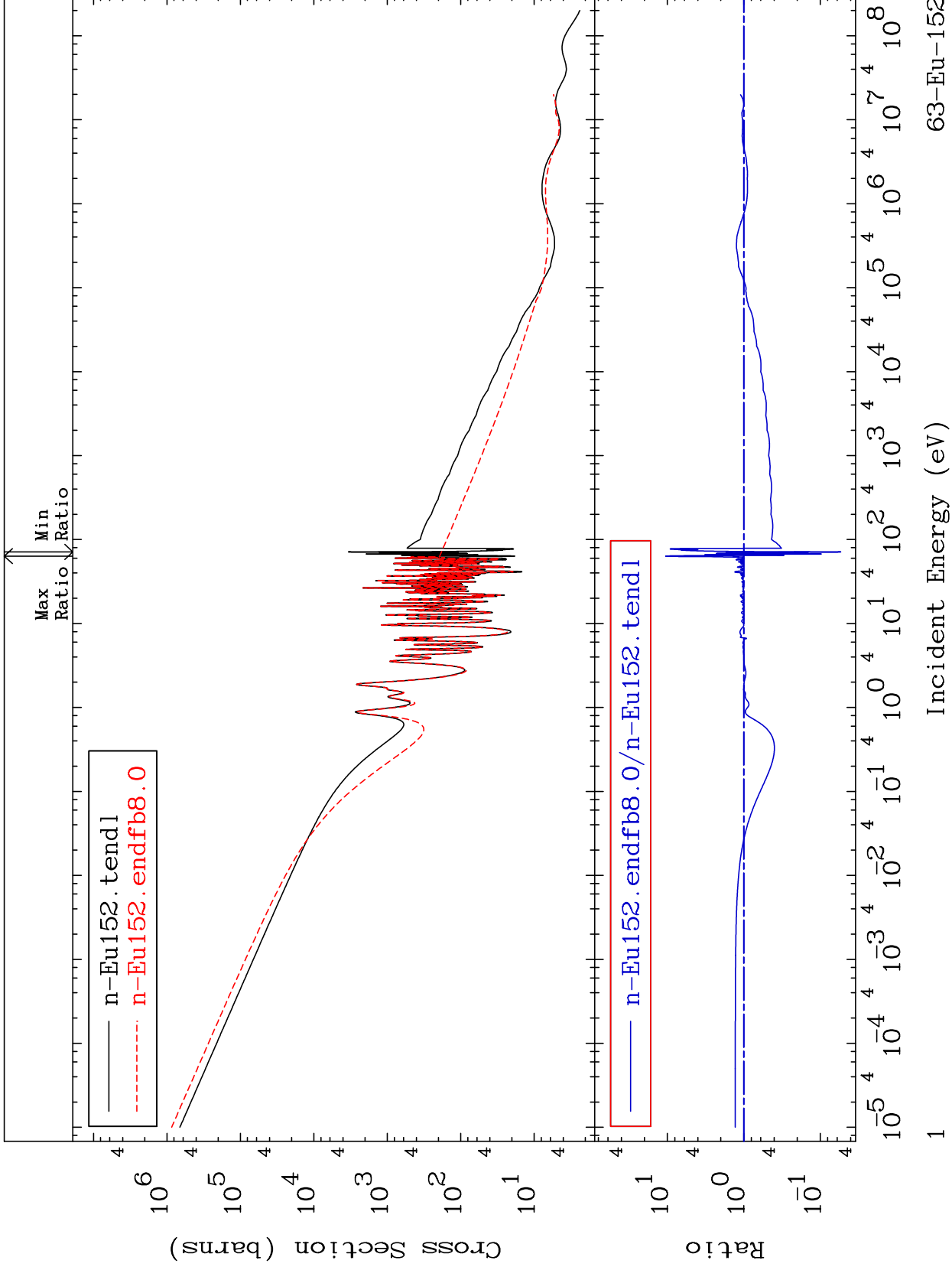
MAT 6328

Total

63-Eu-152

Cross Section

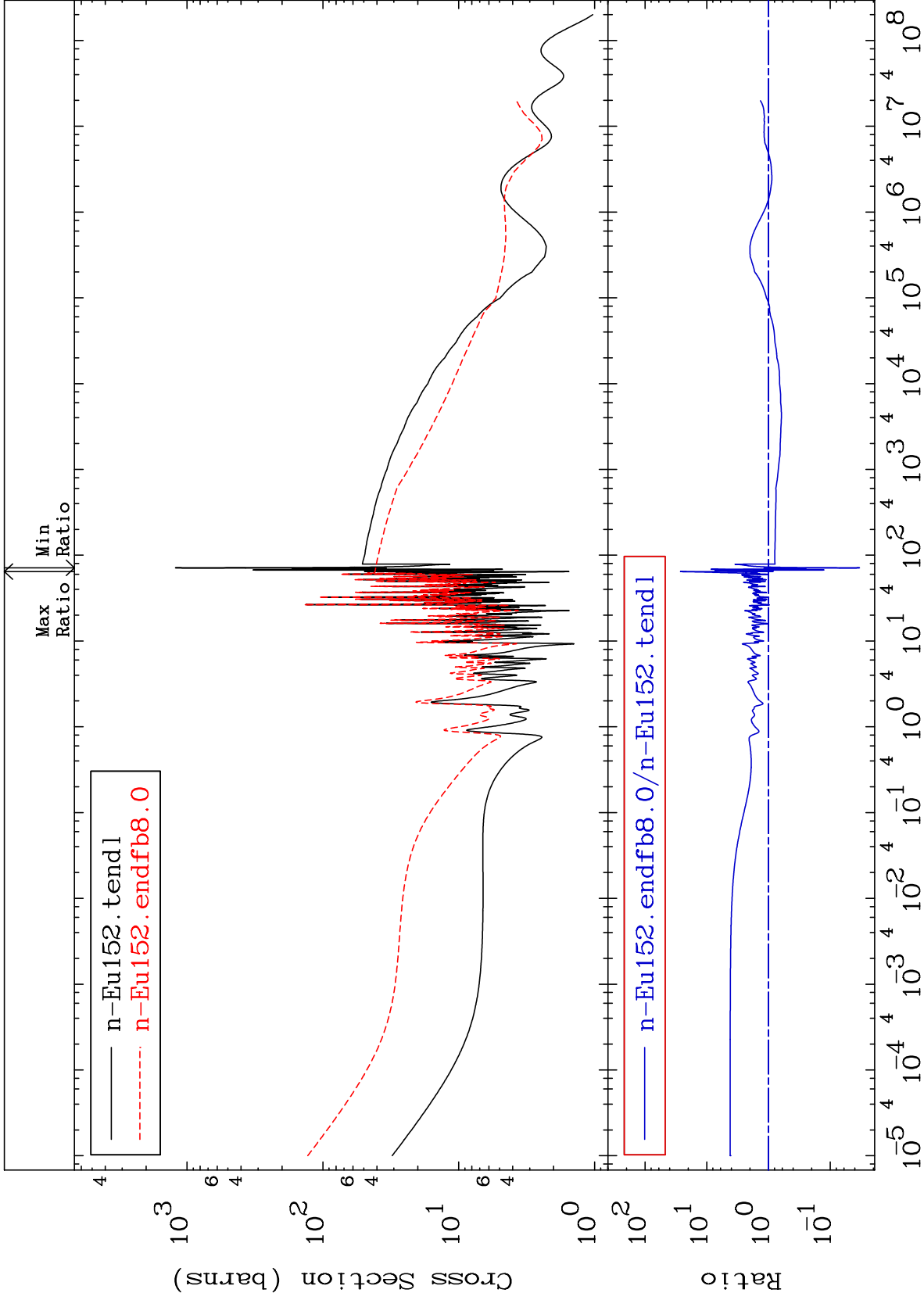
-94.59 To 958.0 %



MAT 6328

Elastic  
Cross Section

63-Eu-152  
-96.64 To 2583. %



Incident Energy (eV)

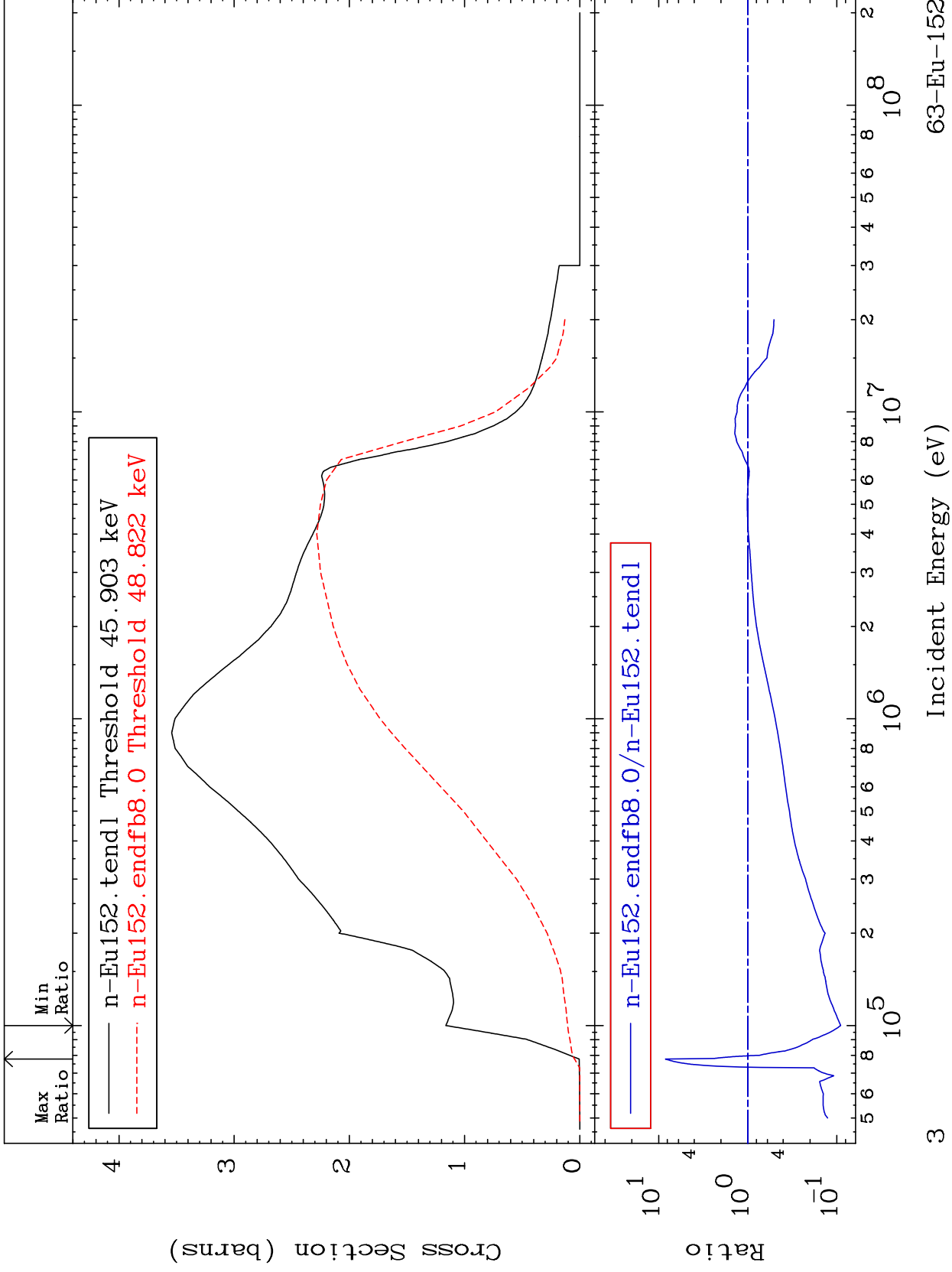
63-Eu-152

2

MAT 6328

Inelastic  
Cross Section

63-Eu-152  
-90.94 To 738.4 %



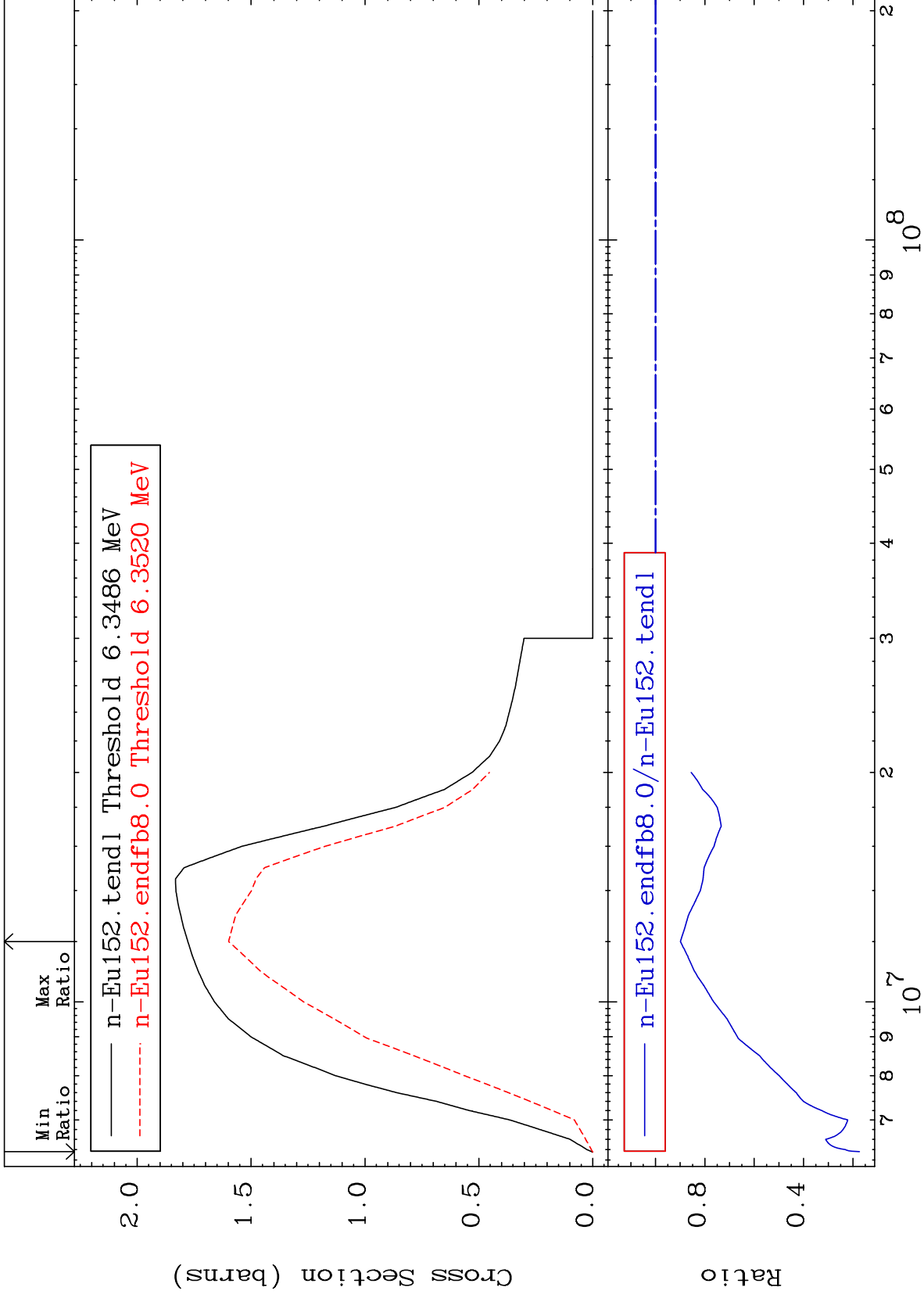
MAT 6328

(n,2n)

63-Eu-152

Cross Section

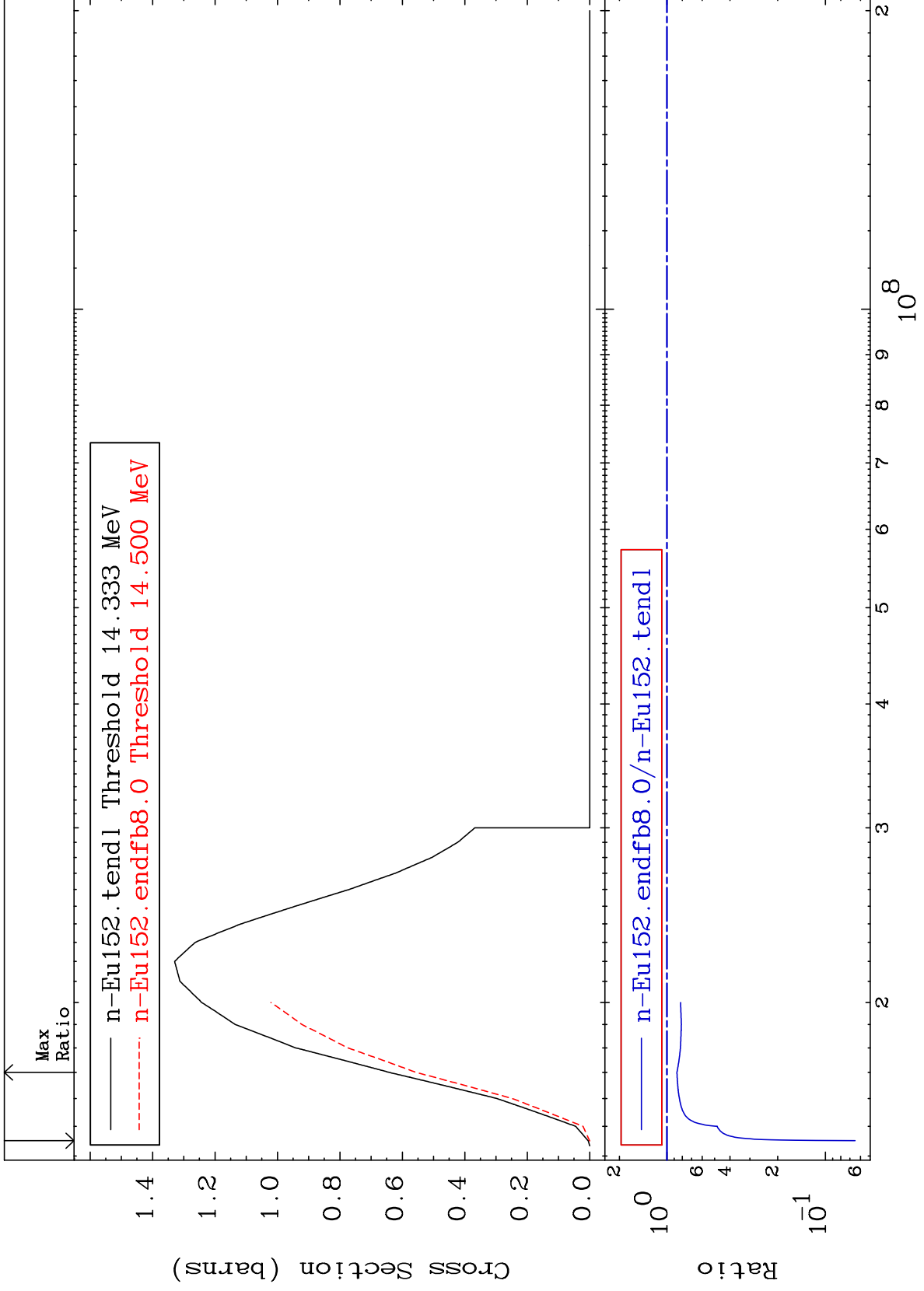
-82.62 To -10.07%



MAT 6328

(n,3n)  
Cross Section

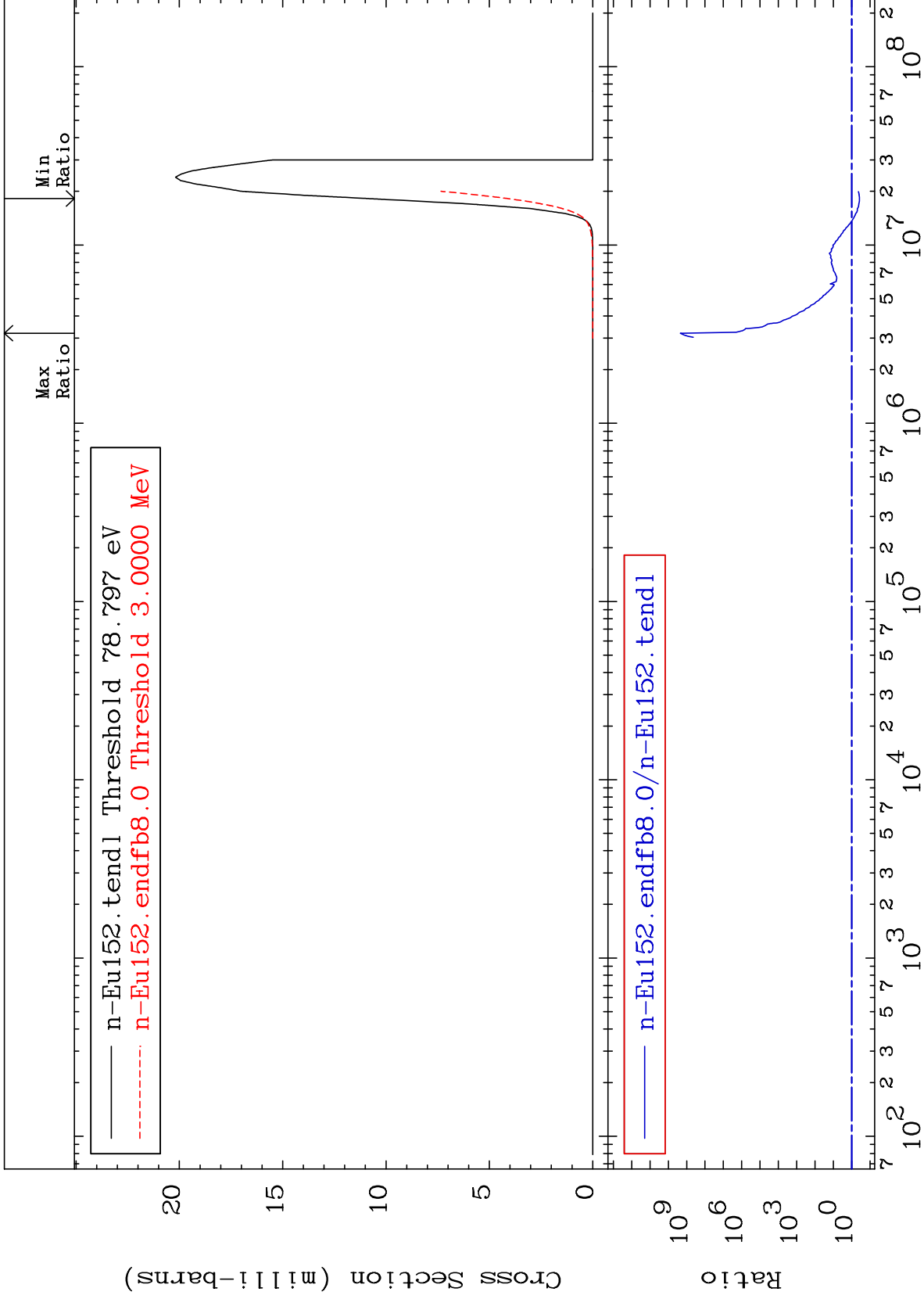
63-Eu-152  
-93.51 To -13.41%



MAT 6328

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

63-Eu-152  
-62.11 To 9999. %



6

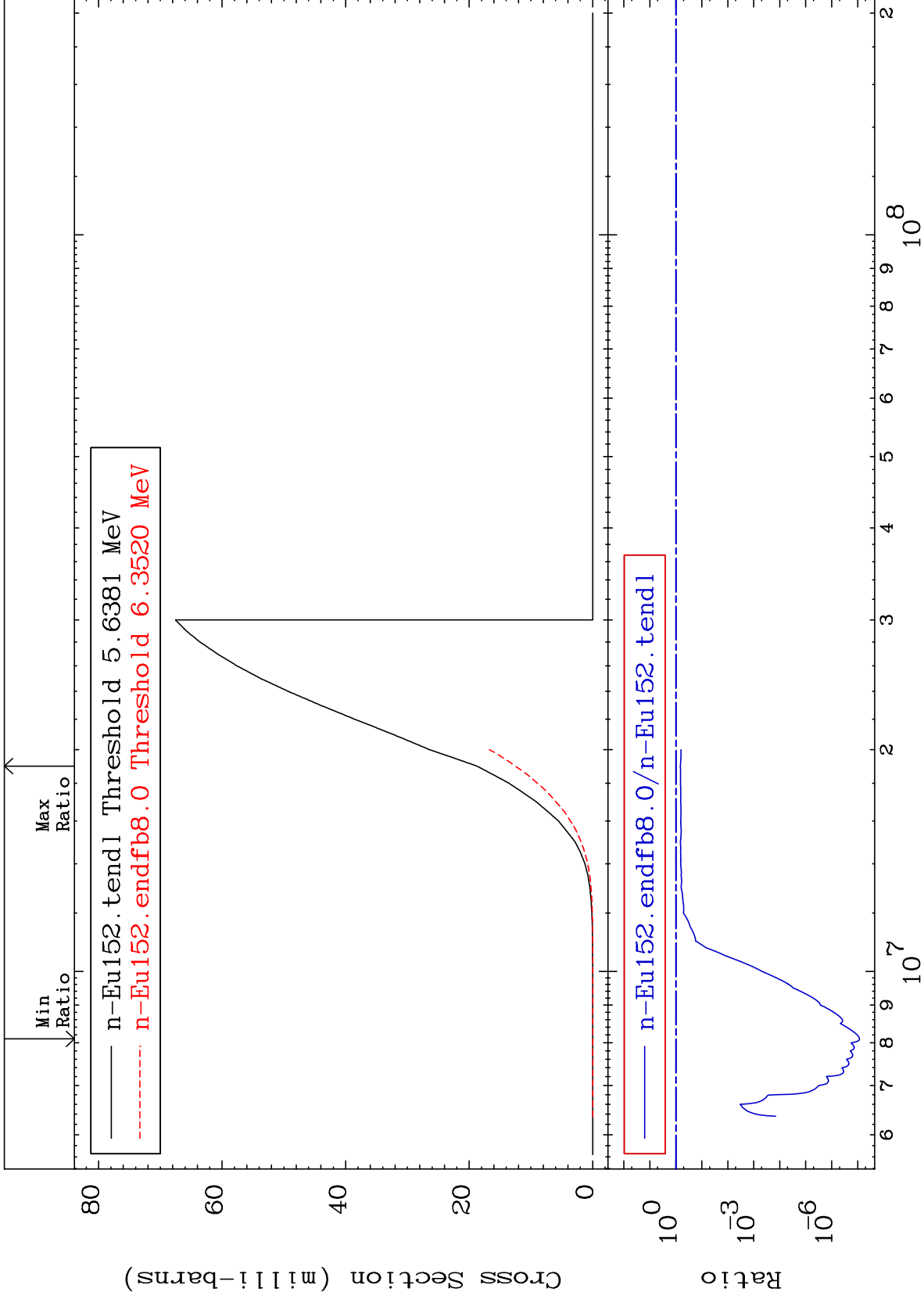
Incident Energy (eV)

63-Eu-152

MAT 6328

(n, n') p  
Cross Section

63-Eu-152  
-100.0 To -33.04%



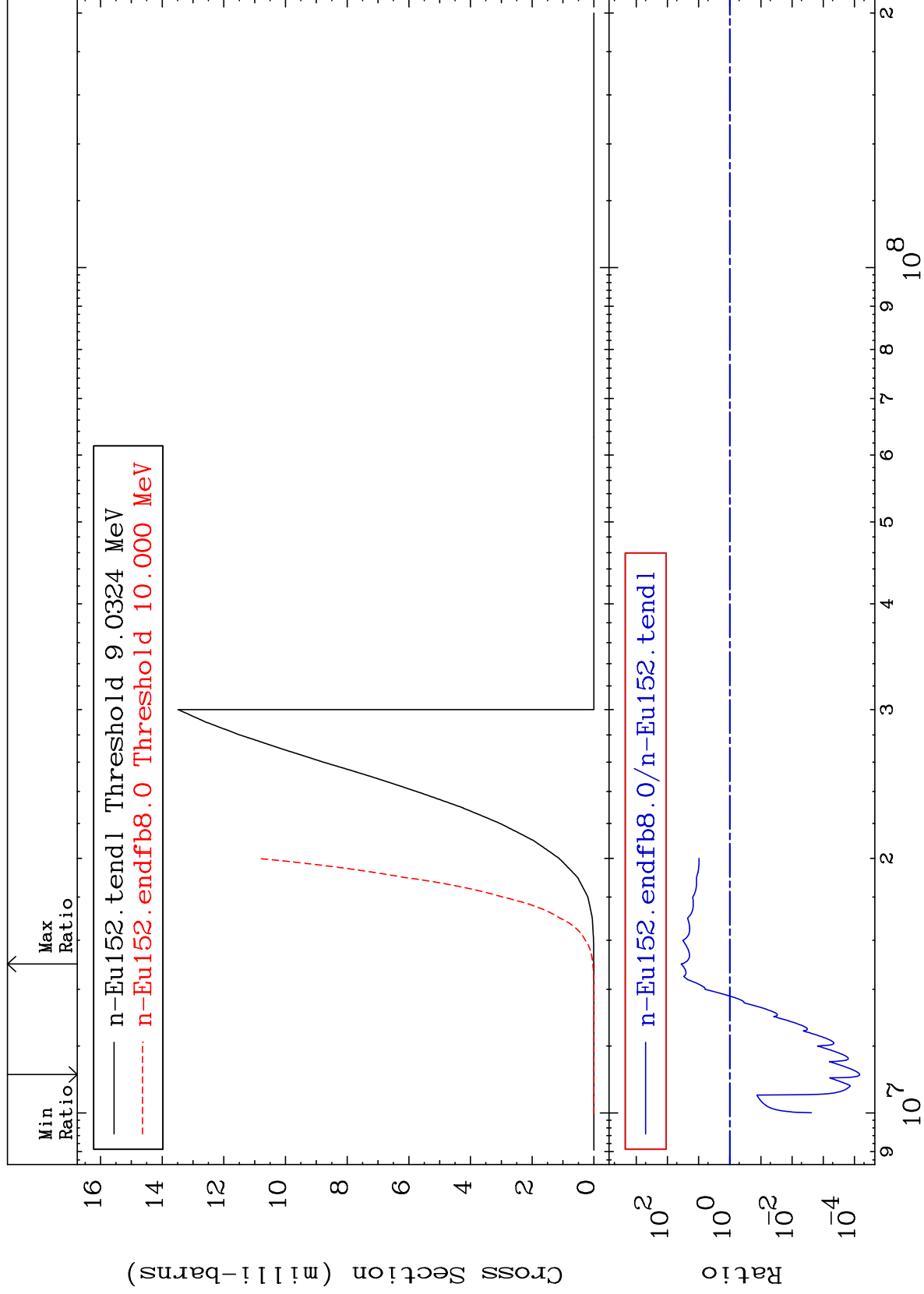
MAT 6328

(n,n') d

63-Eu-152

Cross Section

-99.99 To 3501. %



8

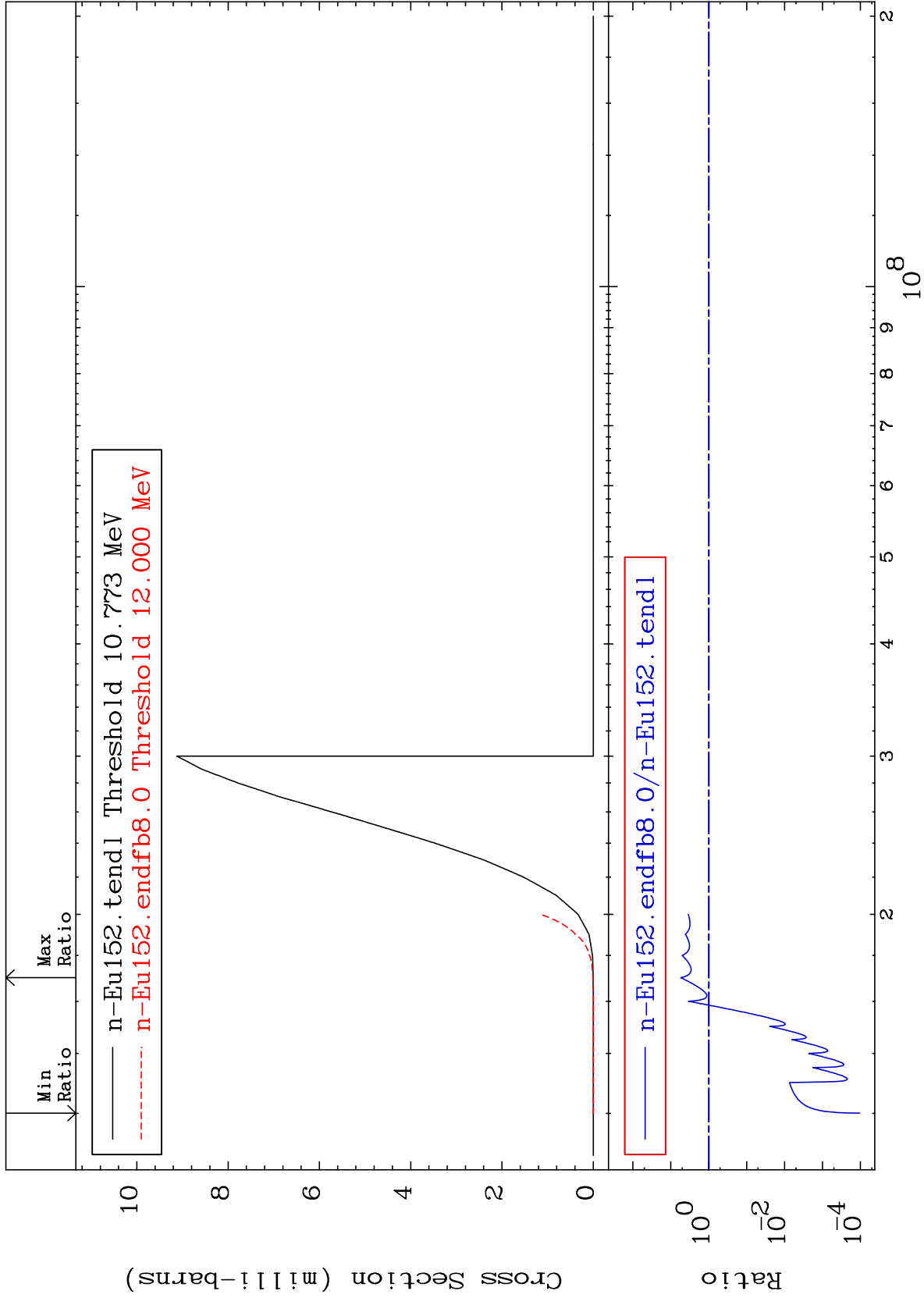
Incident Energy (eV)

63-Eu-152



Cross Section

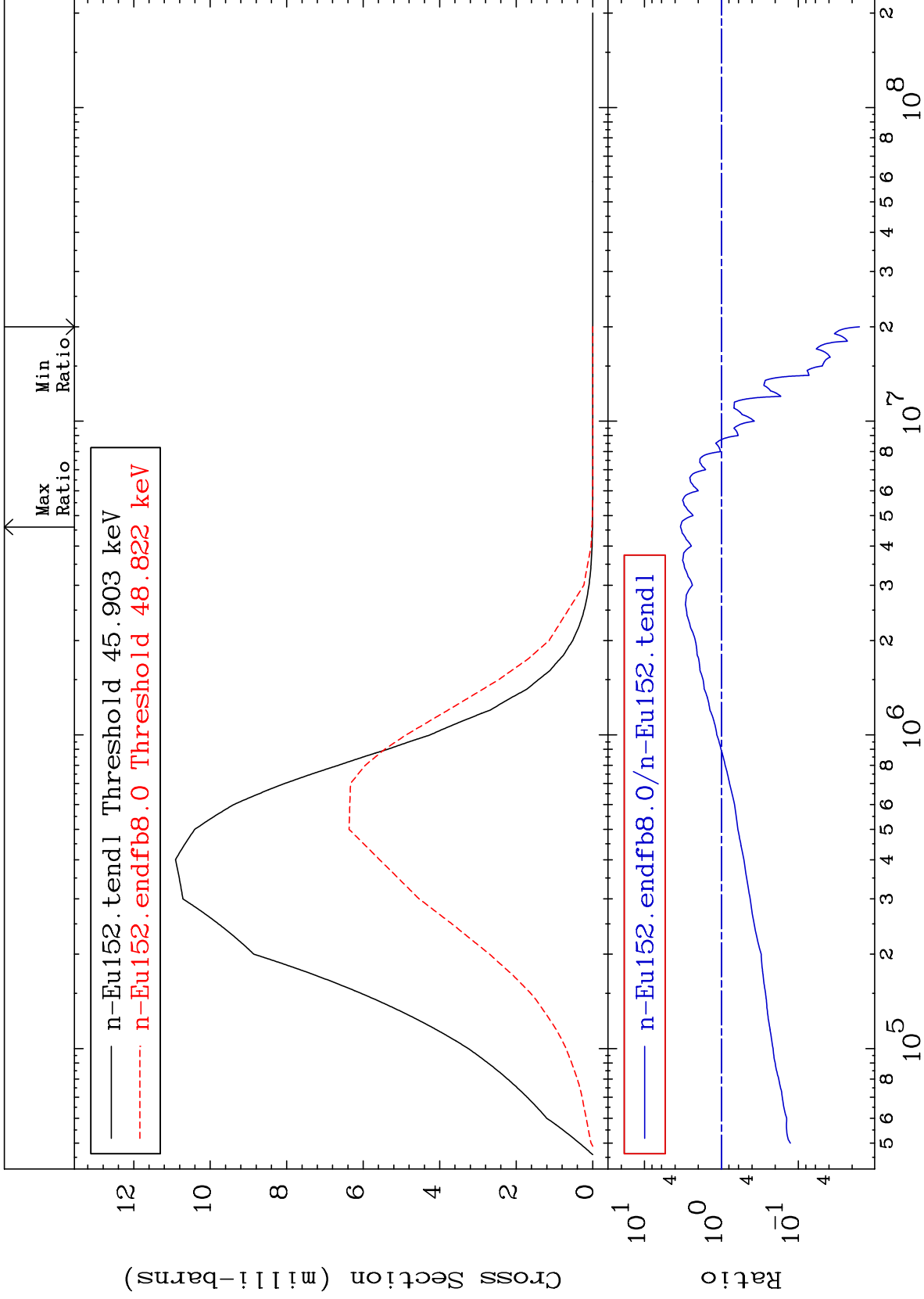
-99.99 To 446.7 %



MAT 6328

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

63-Eu-152  
-98.39 To 241.7 %



10

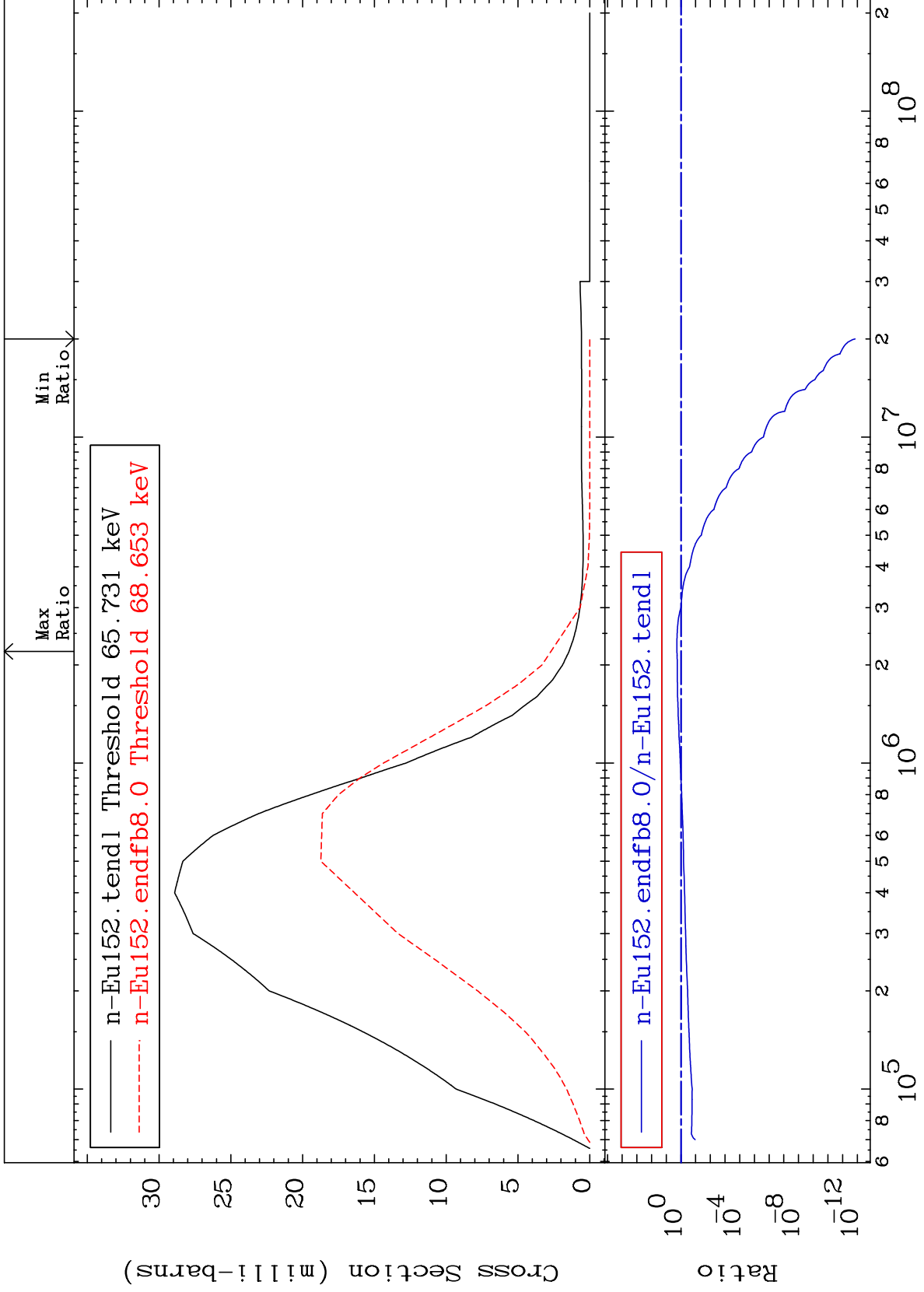
Incident Energy (eV)

63-Eu-152

MAT 6328

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

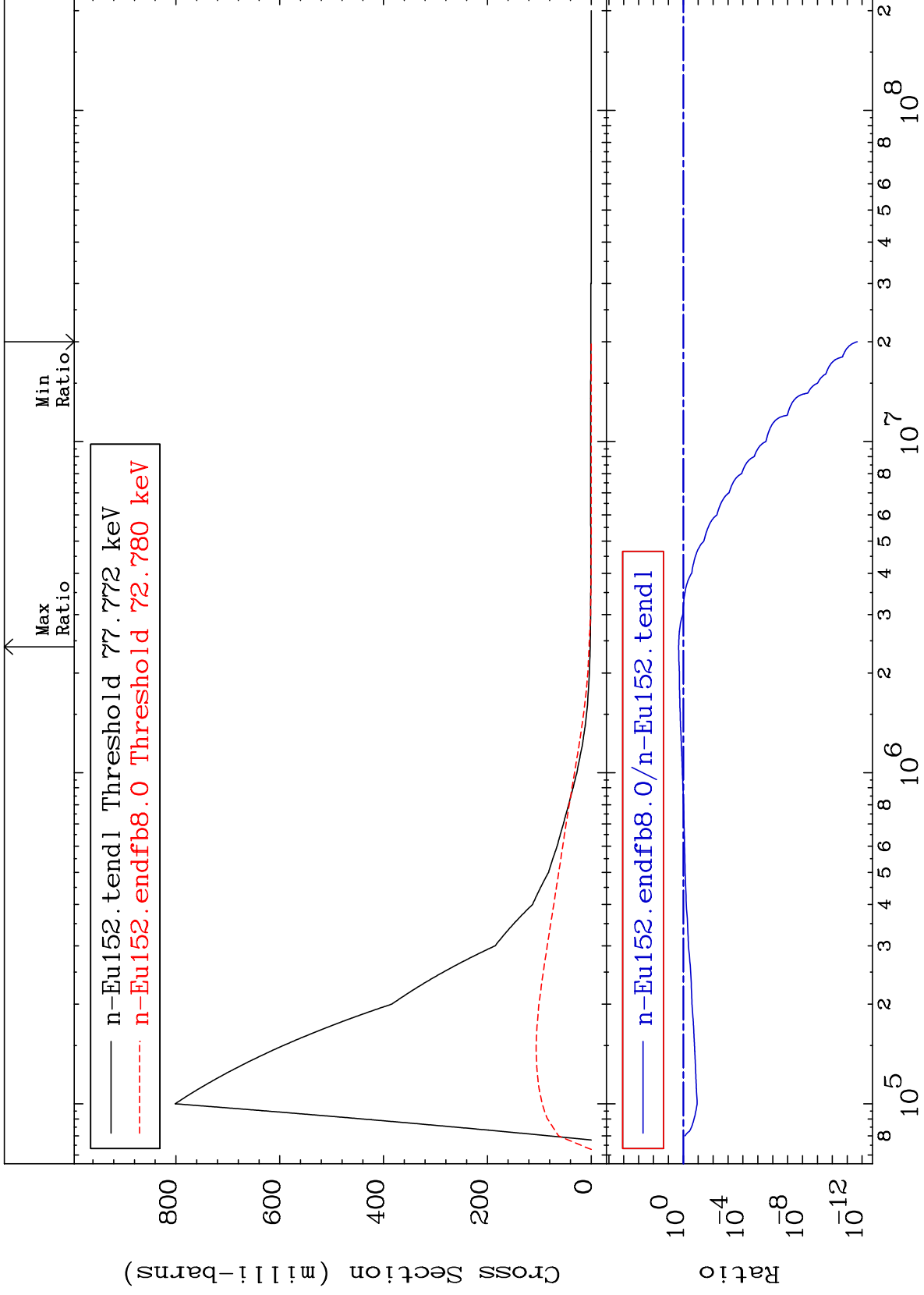
63-Eu-152  
-100.0 To 88.04 %



MAT 6328

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

63-Eu-152  
-100.0 To 106.2 %



12

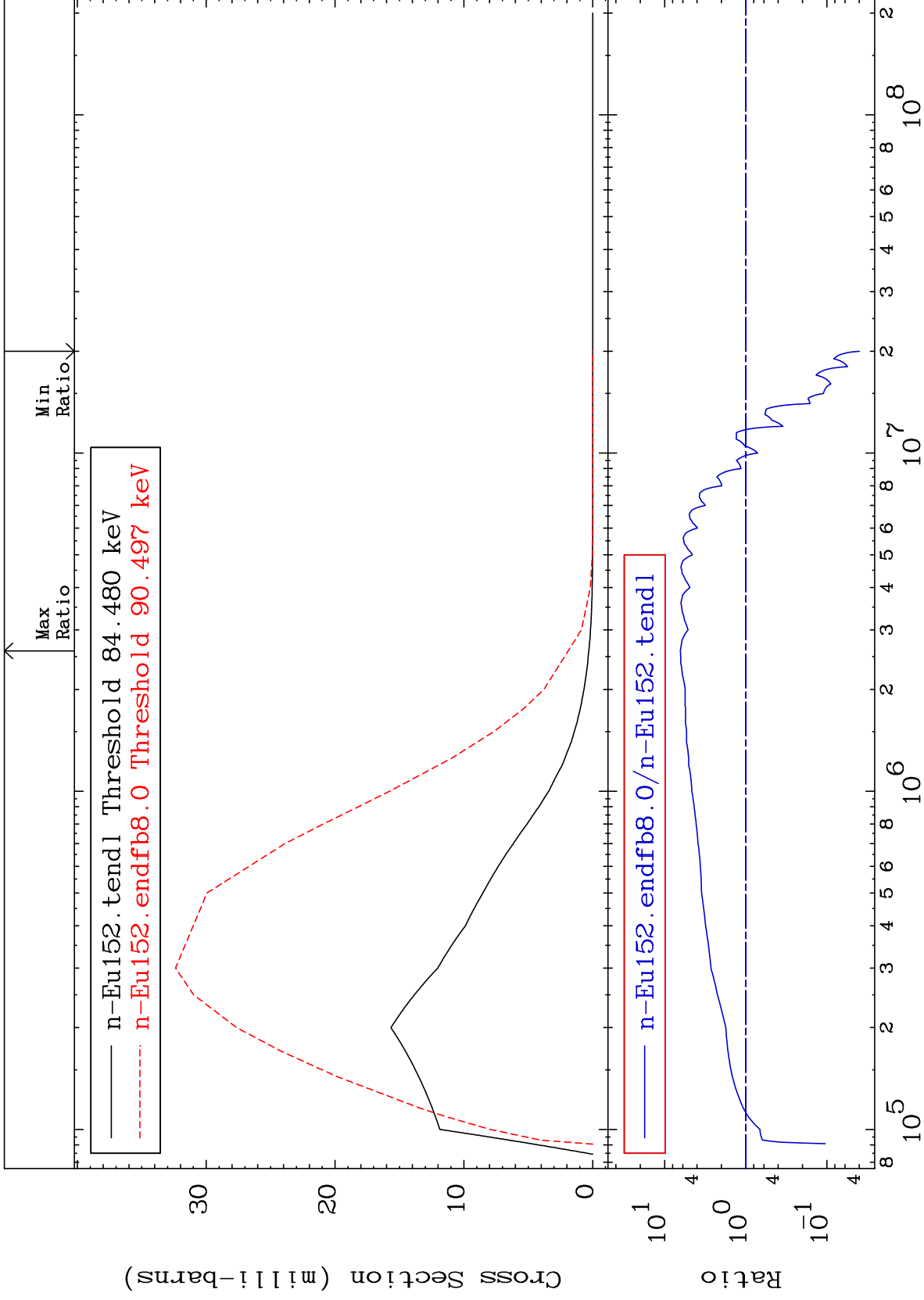
Incident Energy (eV)

63-Eu-152

MAT 6328

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

63-Eu-152  
-96.02 To 541.6 %



13

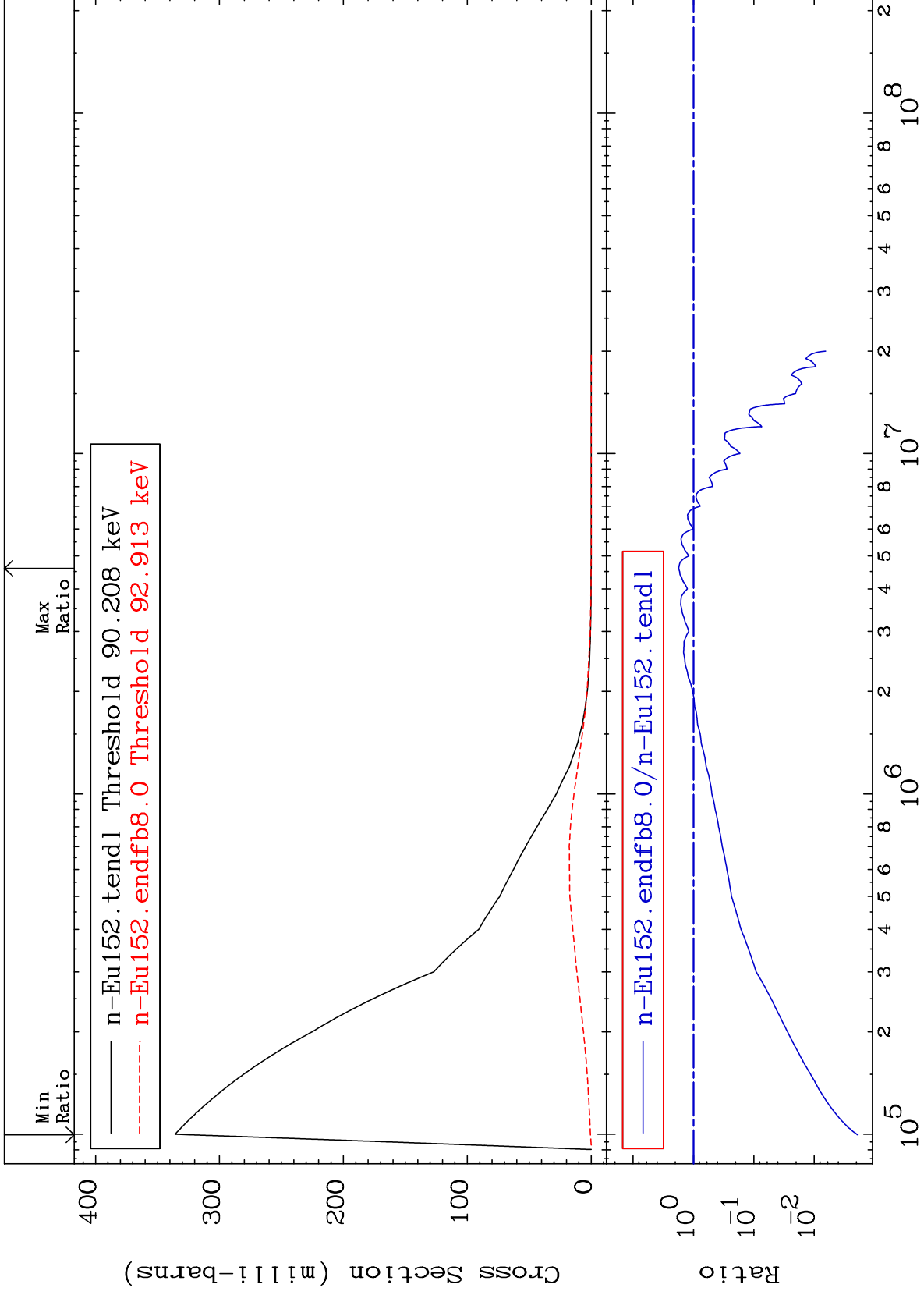
Incident Energy (eV)

63-Eu-152

MAT 6328

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

63-Eu-152  
-99.81 To 76.02 %



14

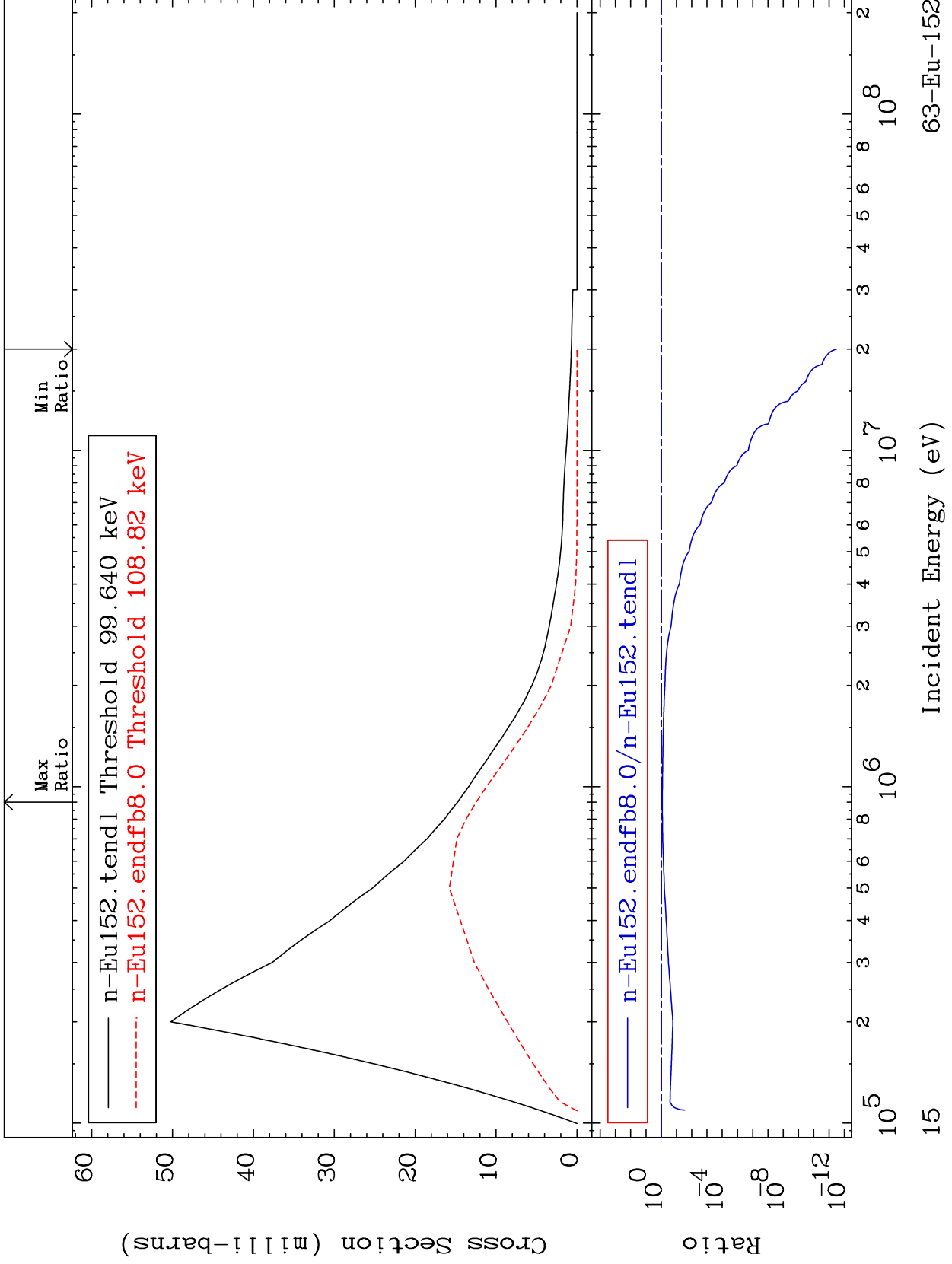
Incident Energy (eV)

63-Eu-152

MAT 6328

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

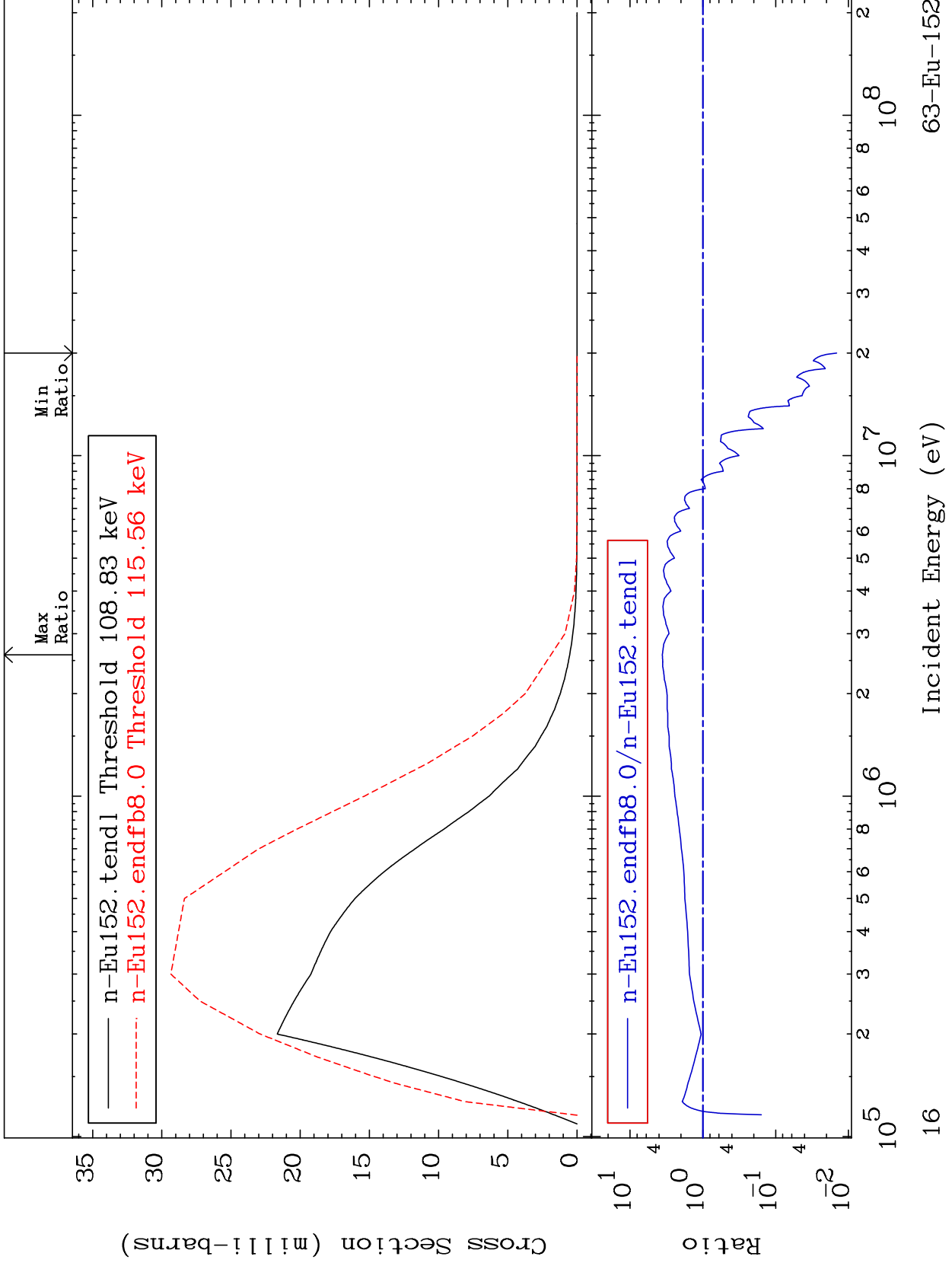
63-Eu-152  
-100.0 To -15.54%



MAT 6328

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

63-Eu-152  
-98.55 To 260.0 %



16

Incident Energy (eV)

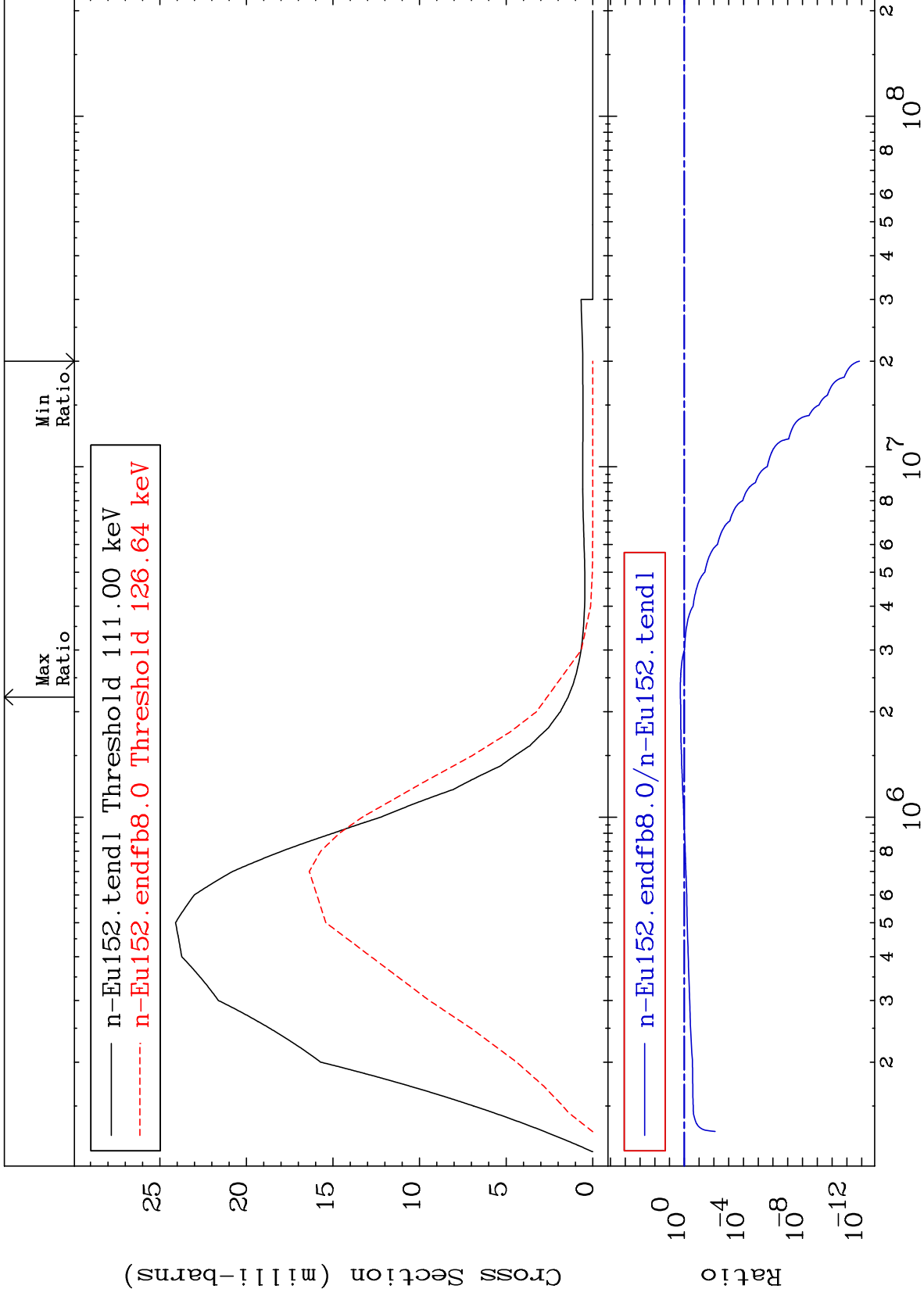
63-Eu-152



MAT 6328

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

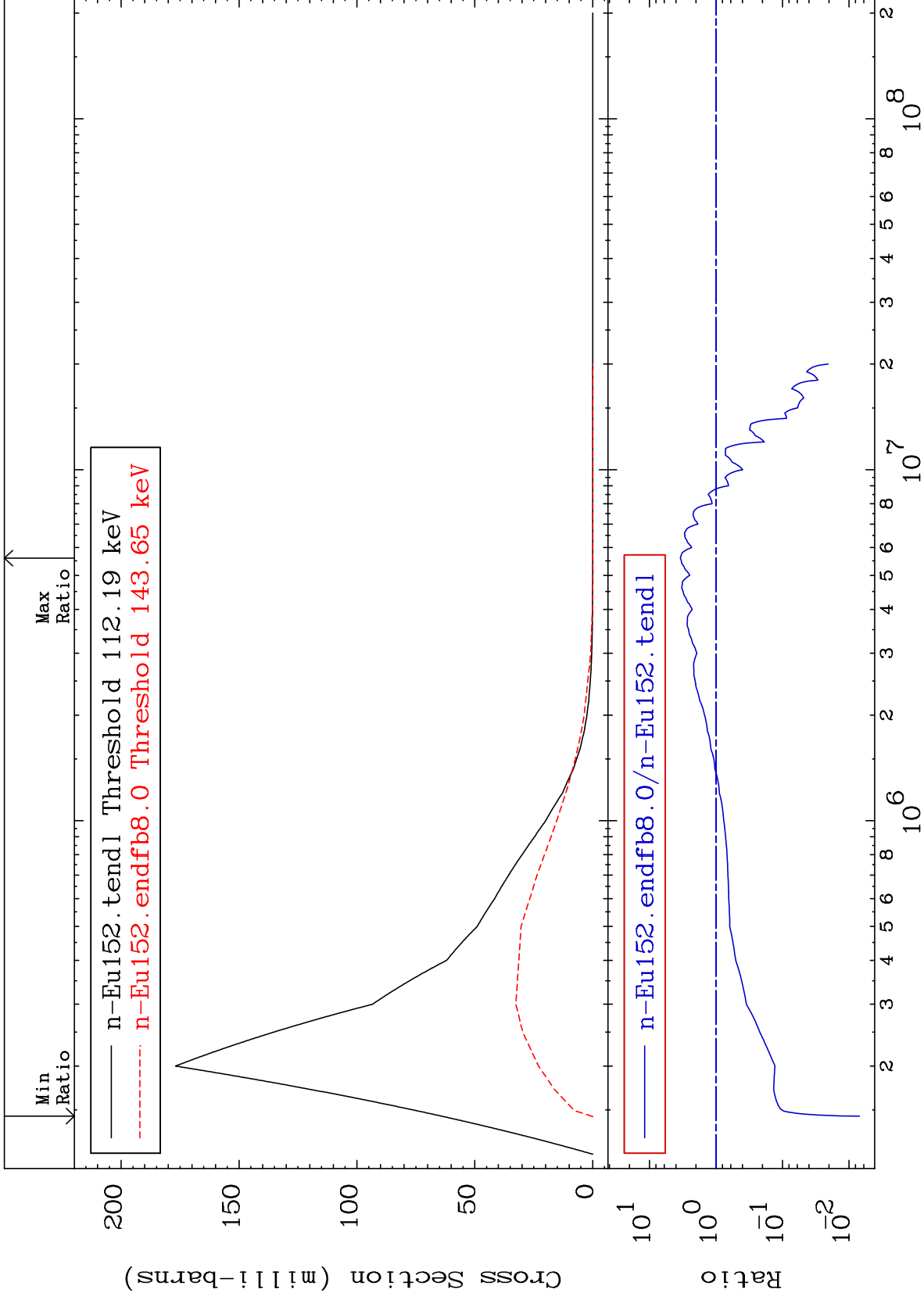
63-Eu-152  
-100.0 To 85.42 %



MAT 6328

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

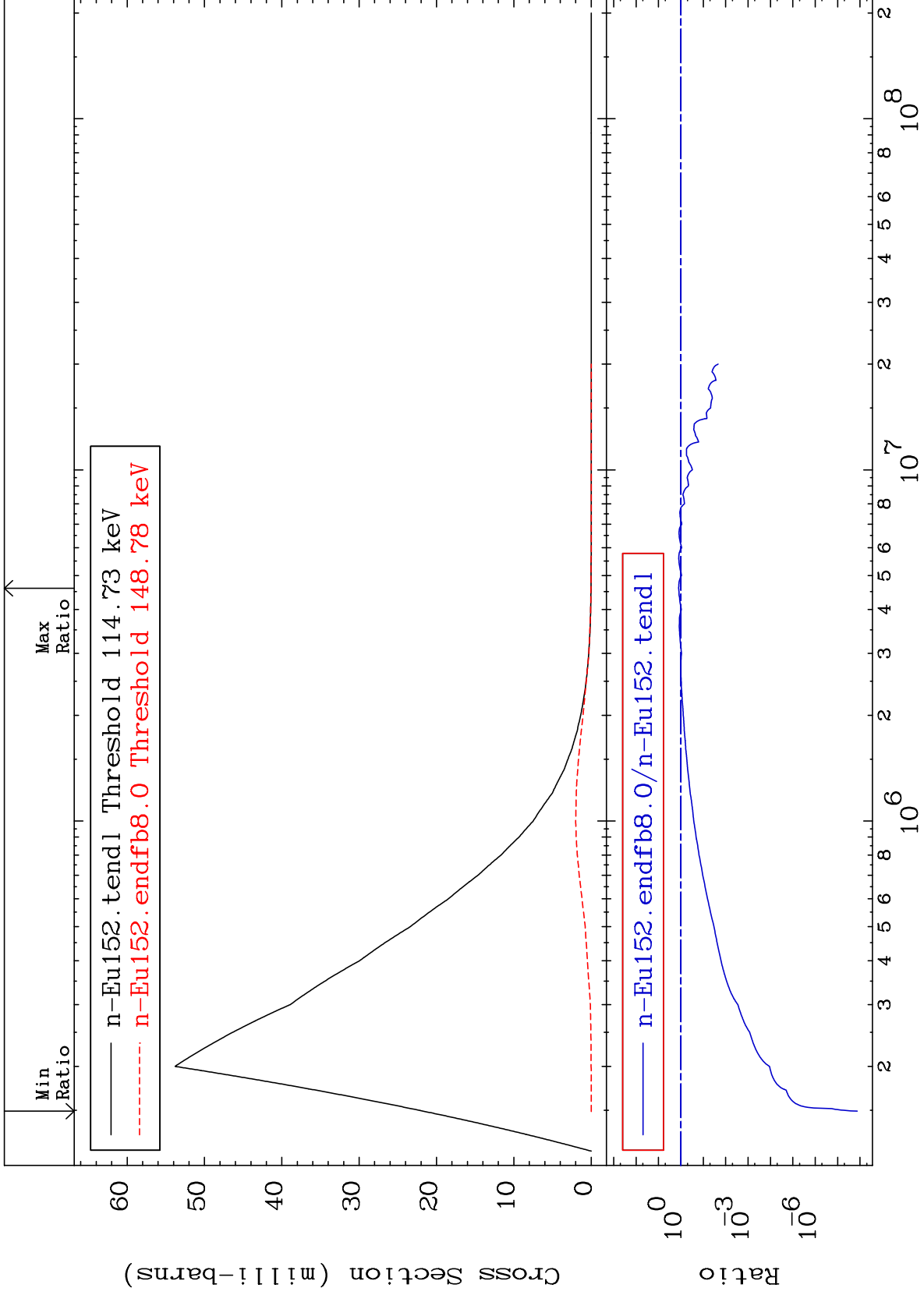
63-Eu-152  
-99.30 To 243.7 %



MAT 6328

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

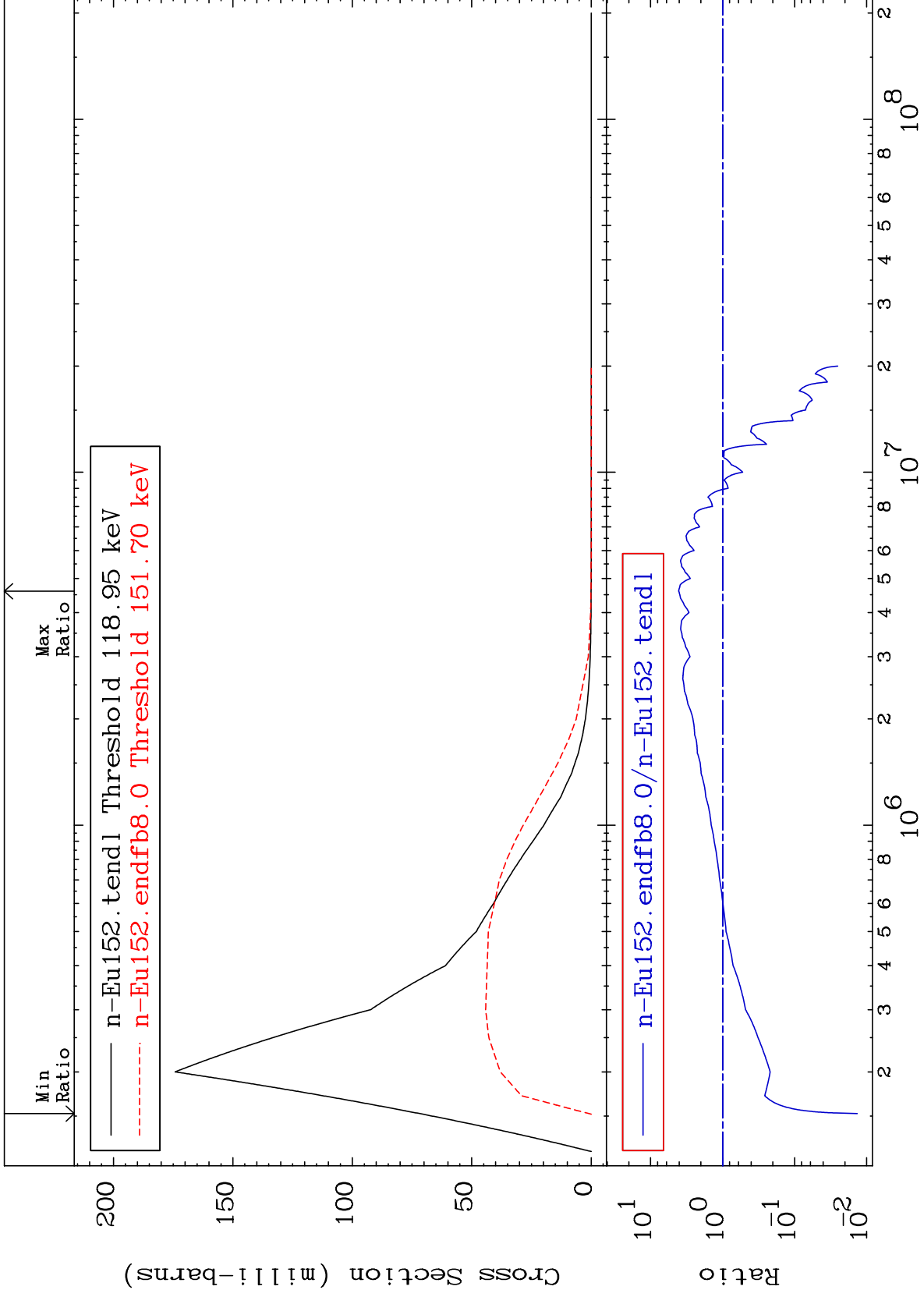
63-Eu-152  
-100.0 To 25.76 %

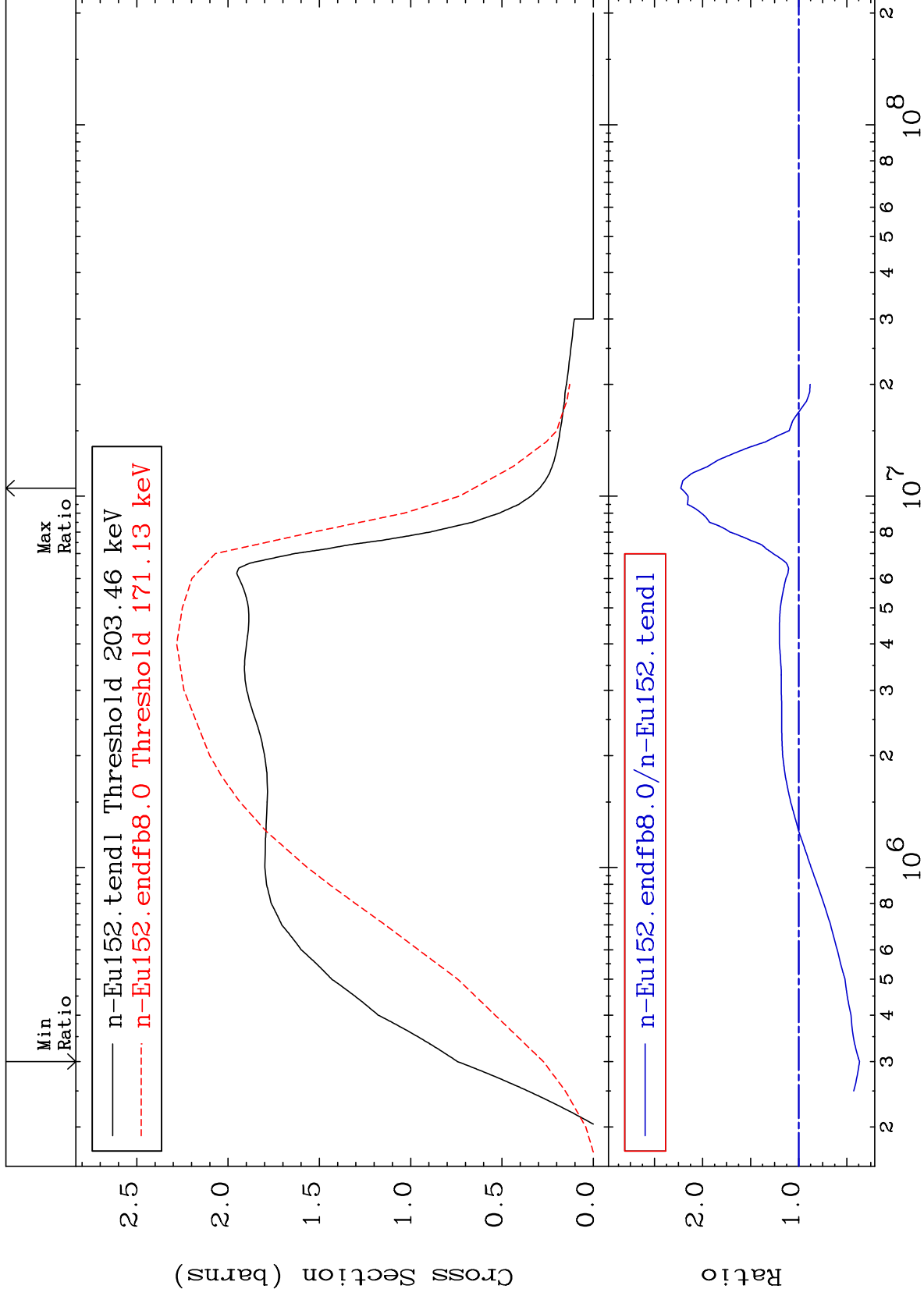


MAT 6328

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

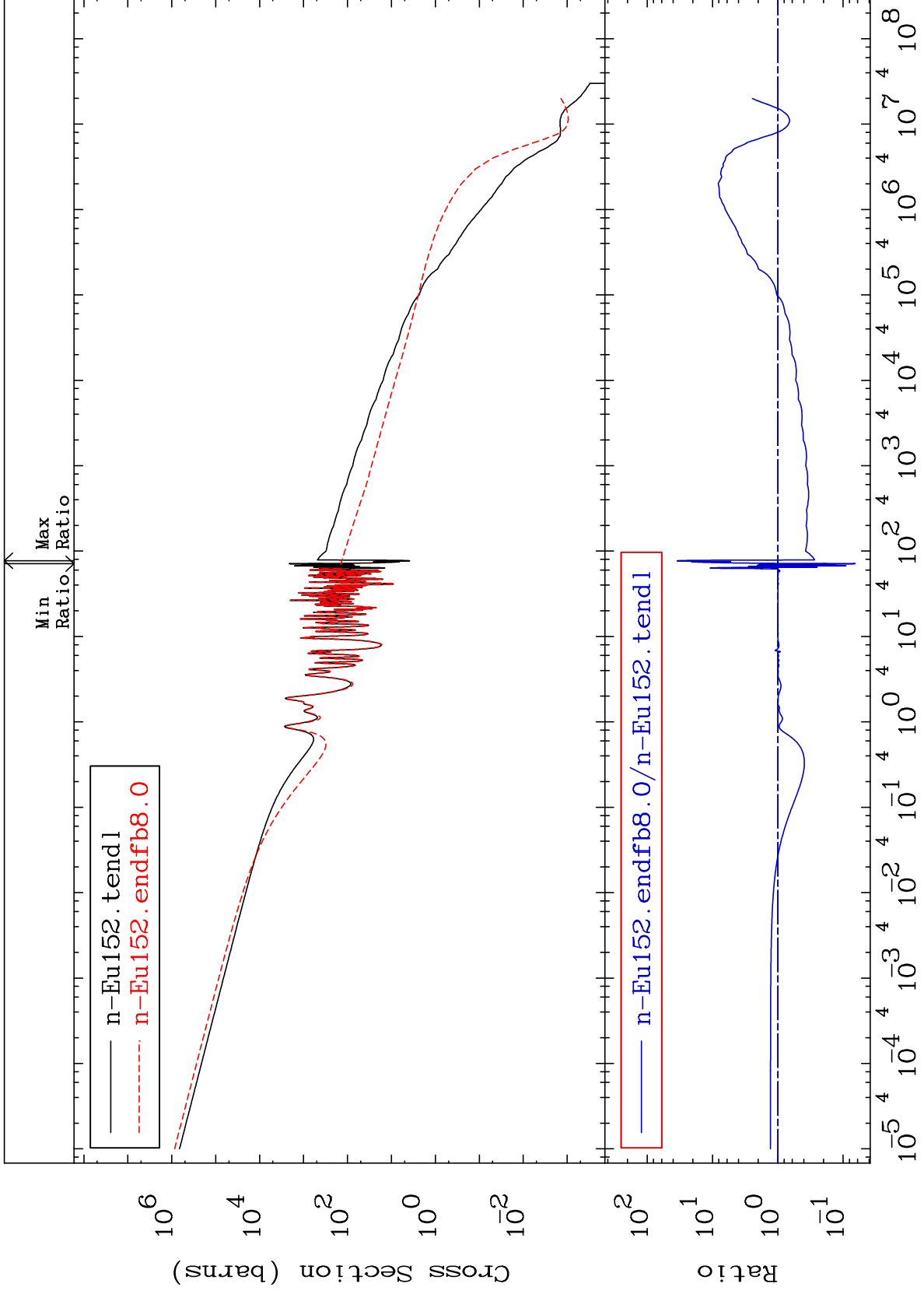
63-Eu-152  
-98.65 To 307.7 %





MAT 6328

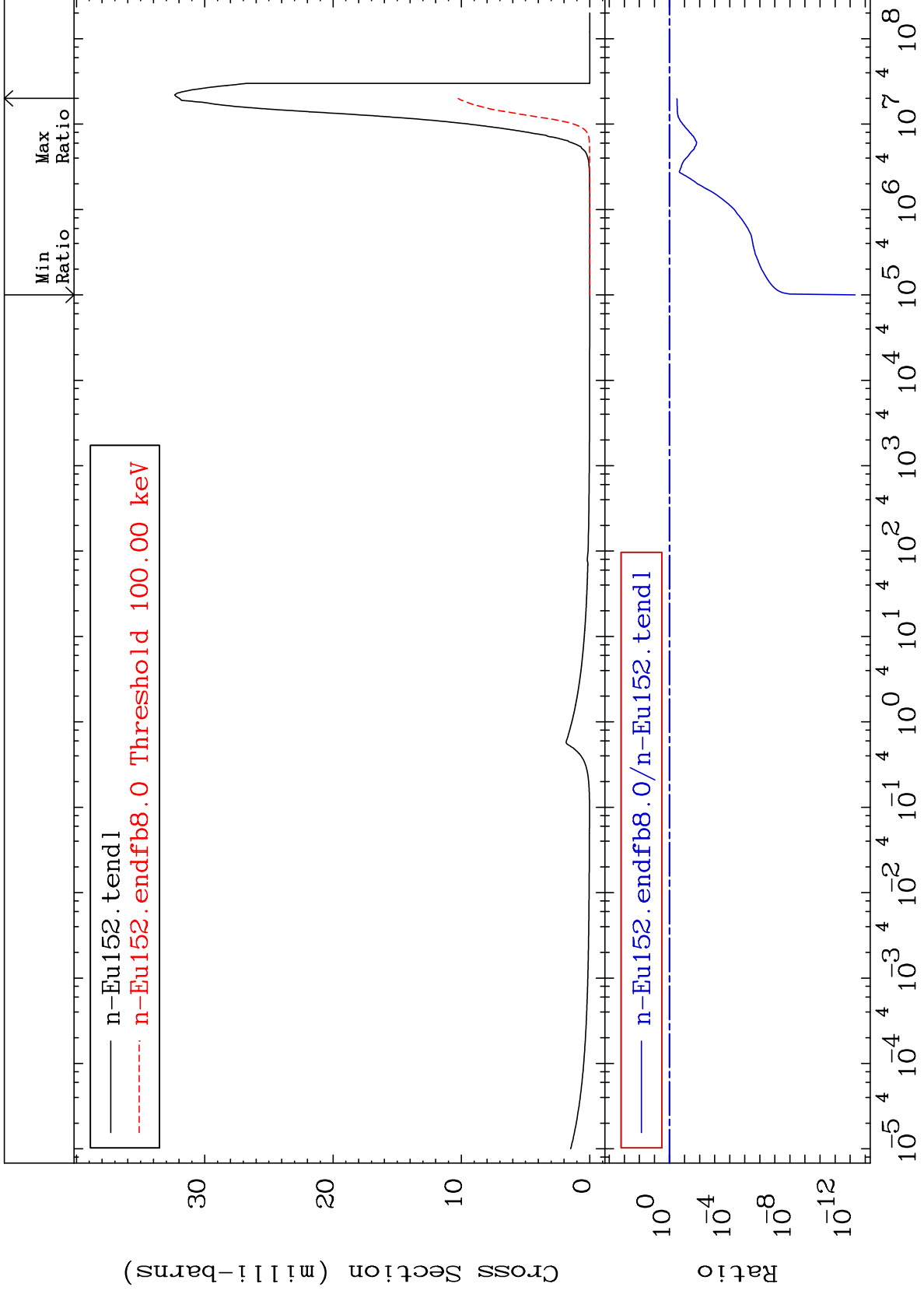
(n,  $\gamma$ )  
Cross Section  
63-Eu-152  
-93.43 To 3406. %

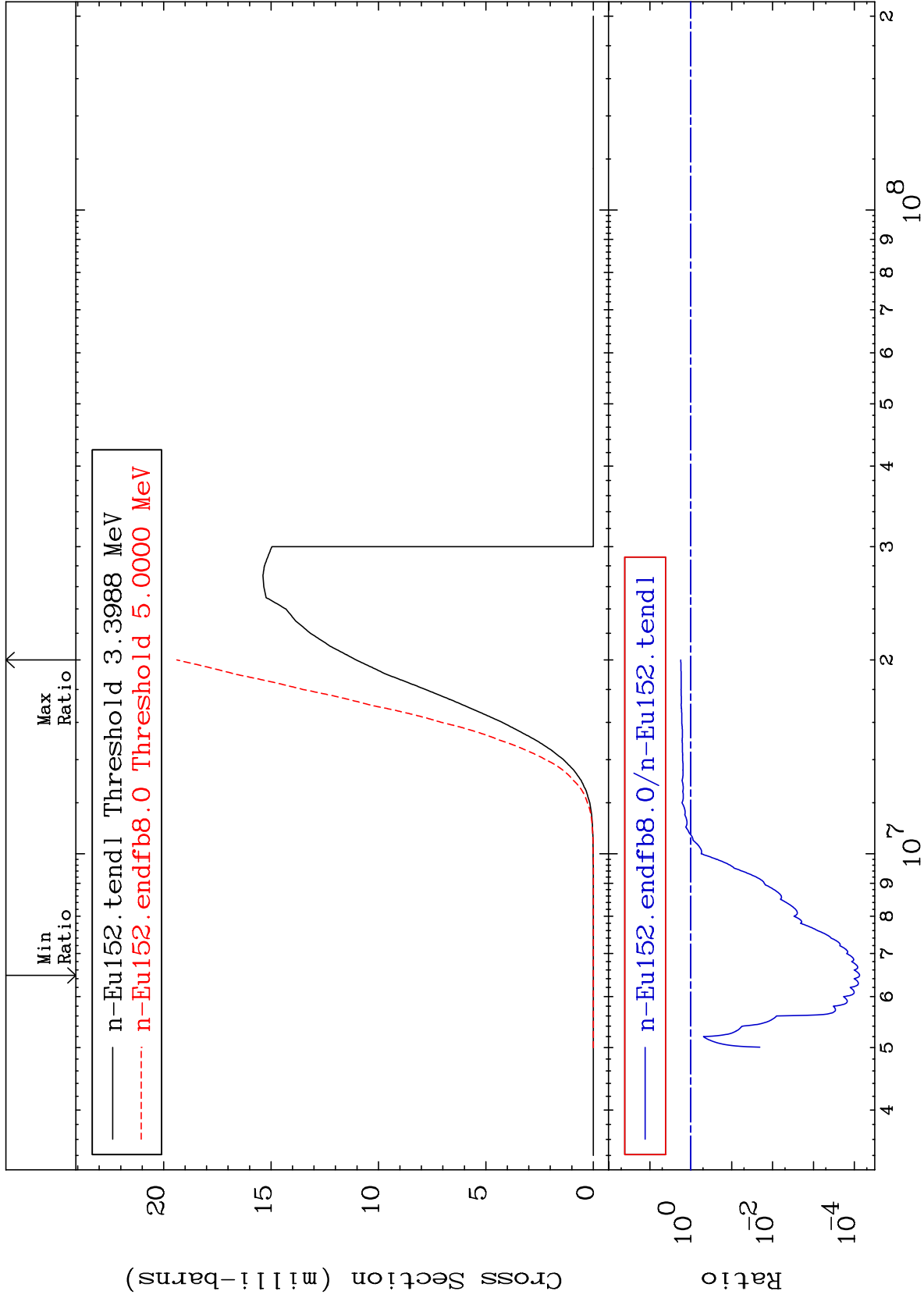


MAT 6328

(n,p)  
Cross Section

63-Eu-152  
-100.0 To -67.88%





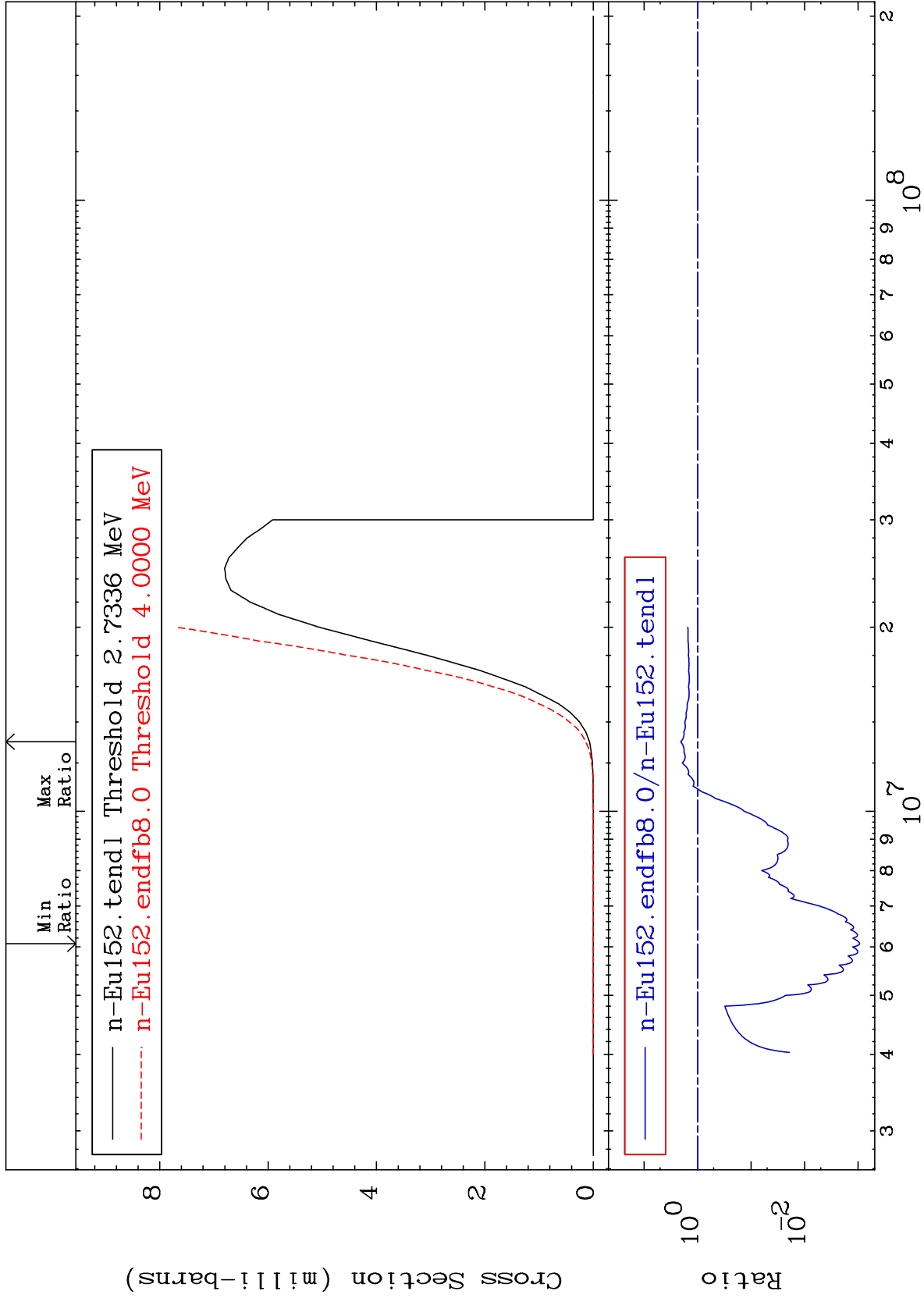


MAT 6328

63-Eu-152

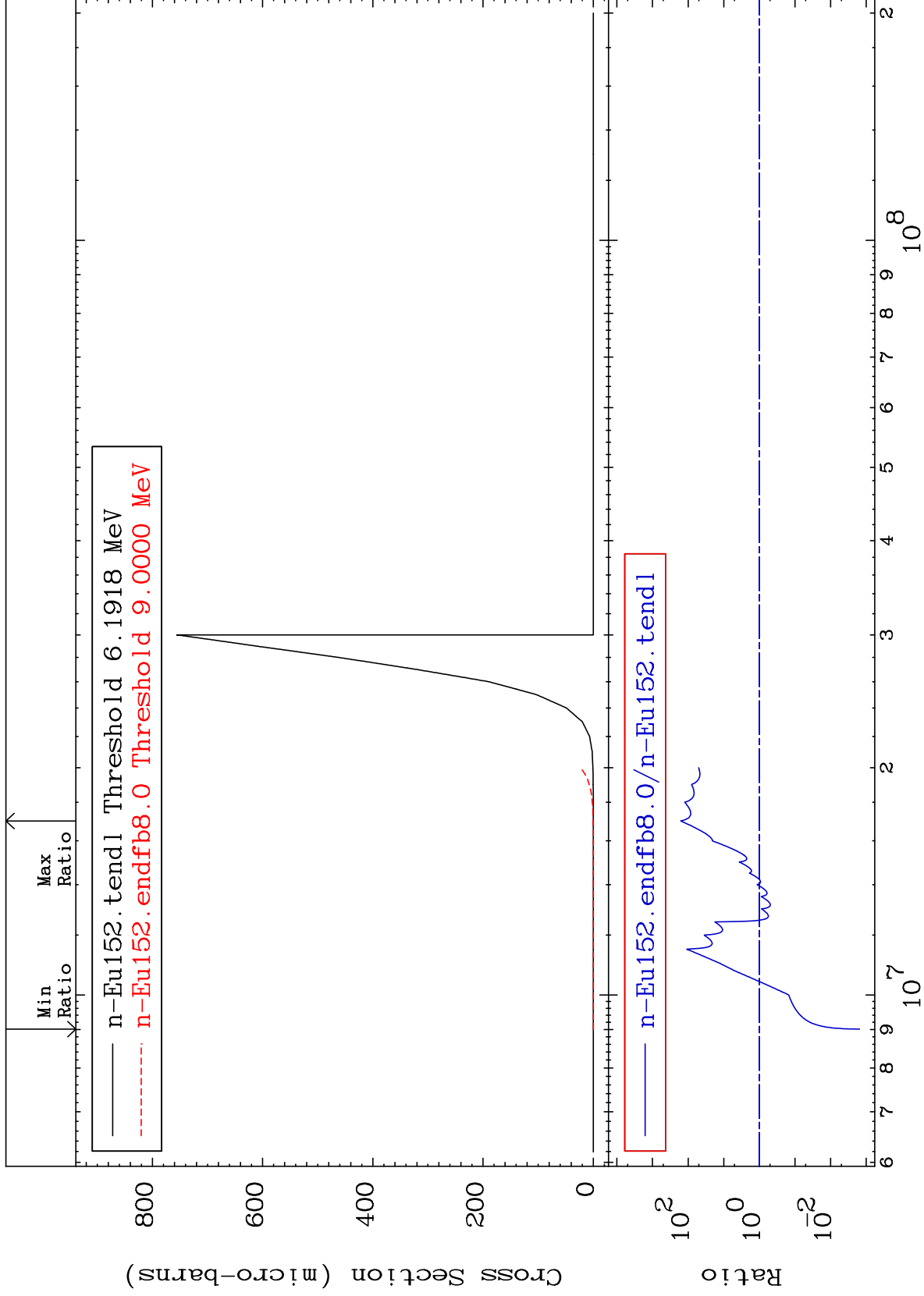
(n, t)  
Cross Section

-99.91 To 106.0 %



Cross Section

-99.85 To 9999. %



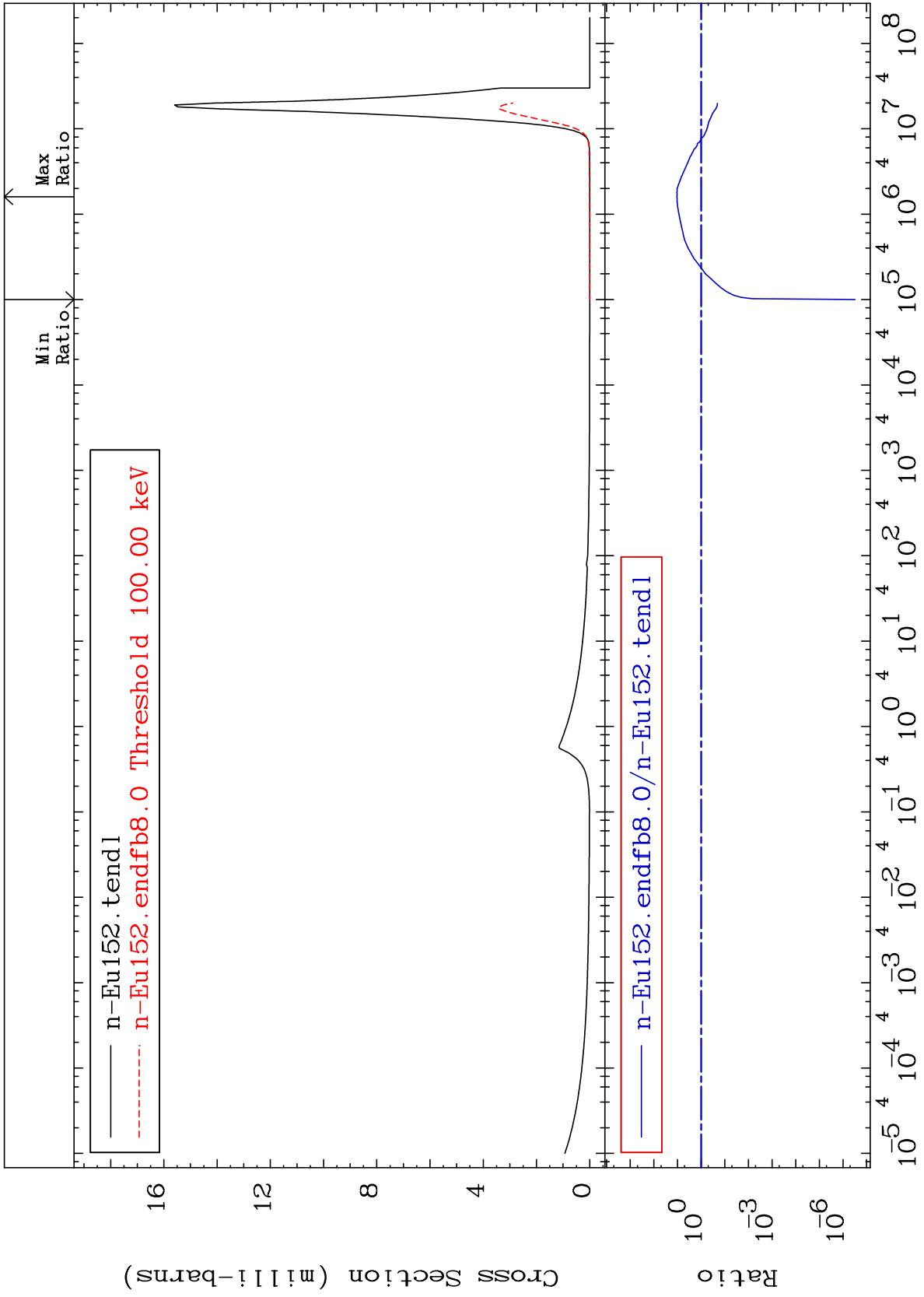
MAT 6328

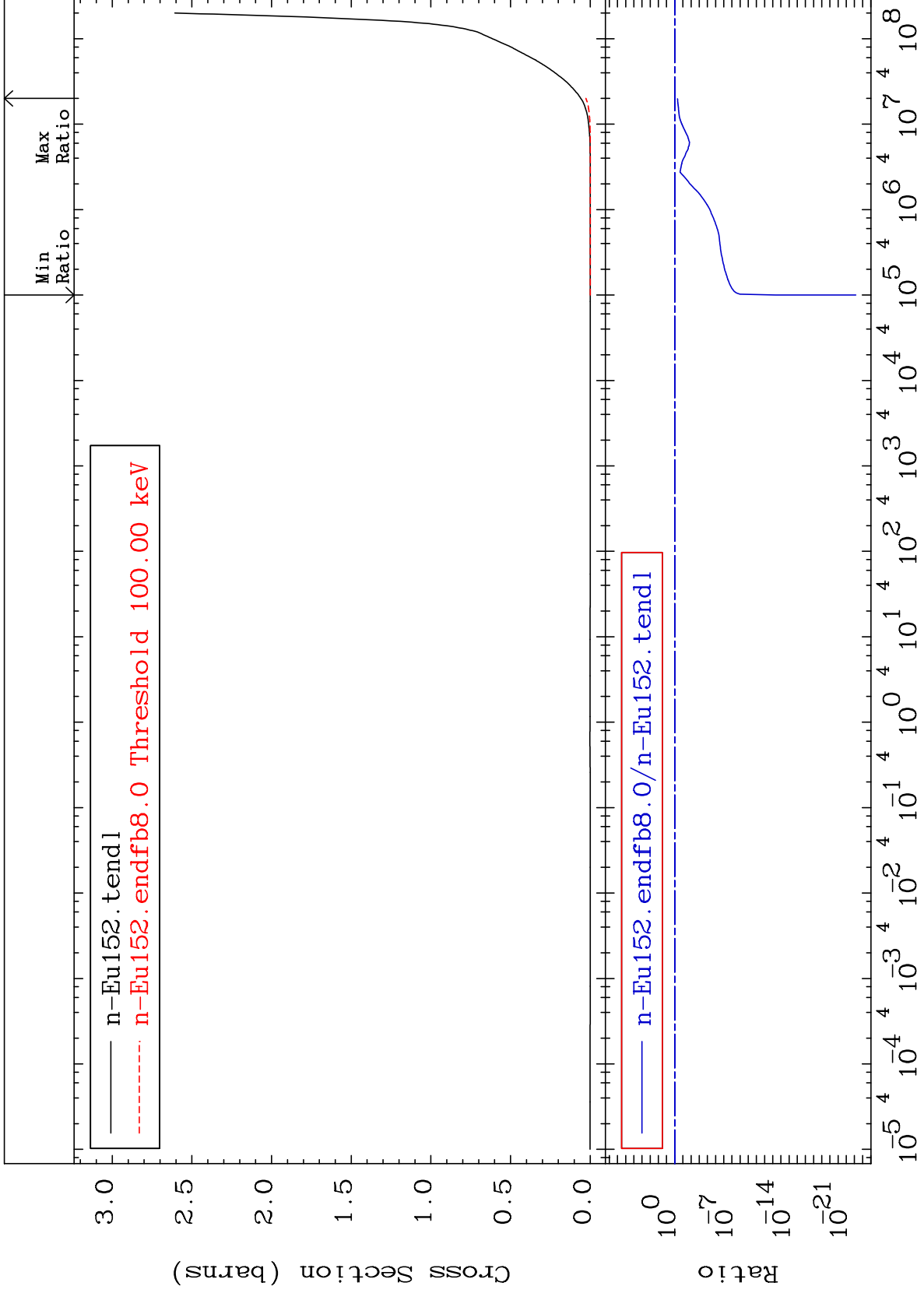
(n,  $\alpha$ )

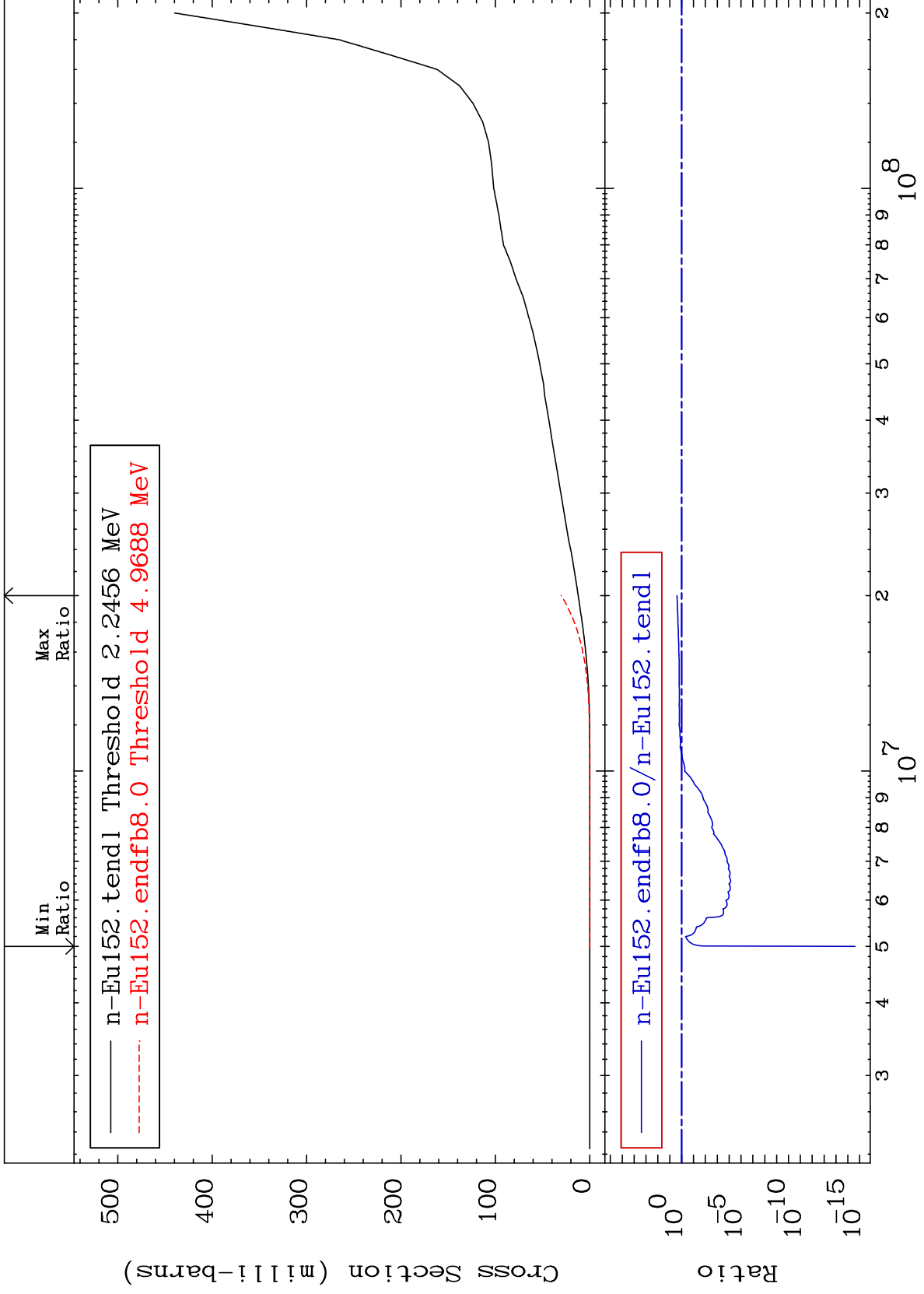
63-Eu-152

Cross Section

-100.0 To 961.8 %



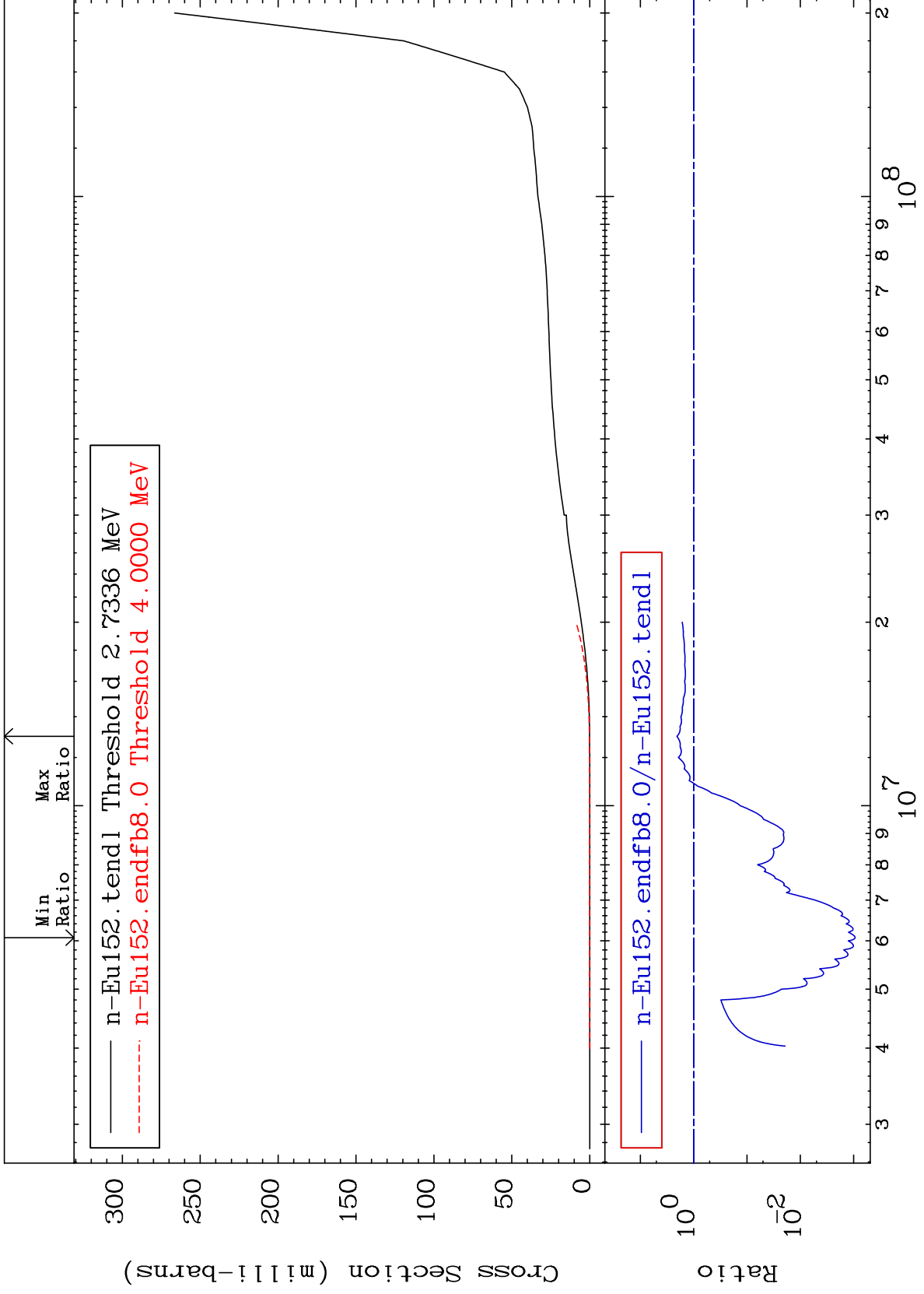




MAT 6328

Tritium Production  
Cross Section

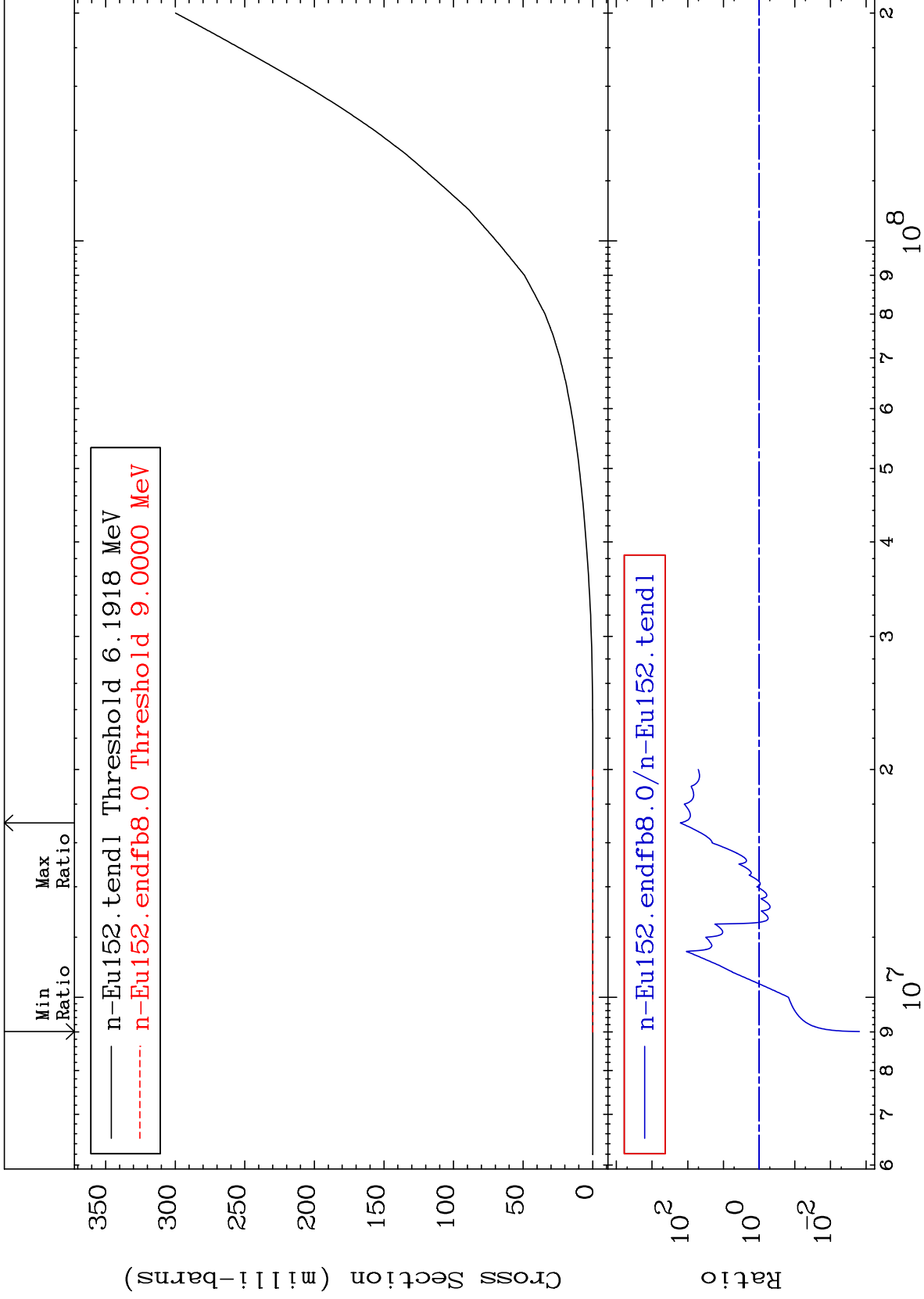
63-Eu-152  
-99.91 To 106.0 %



30

Incident Energy (eV)

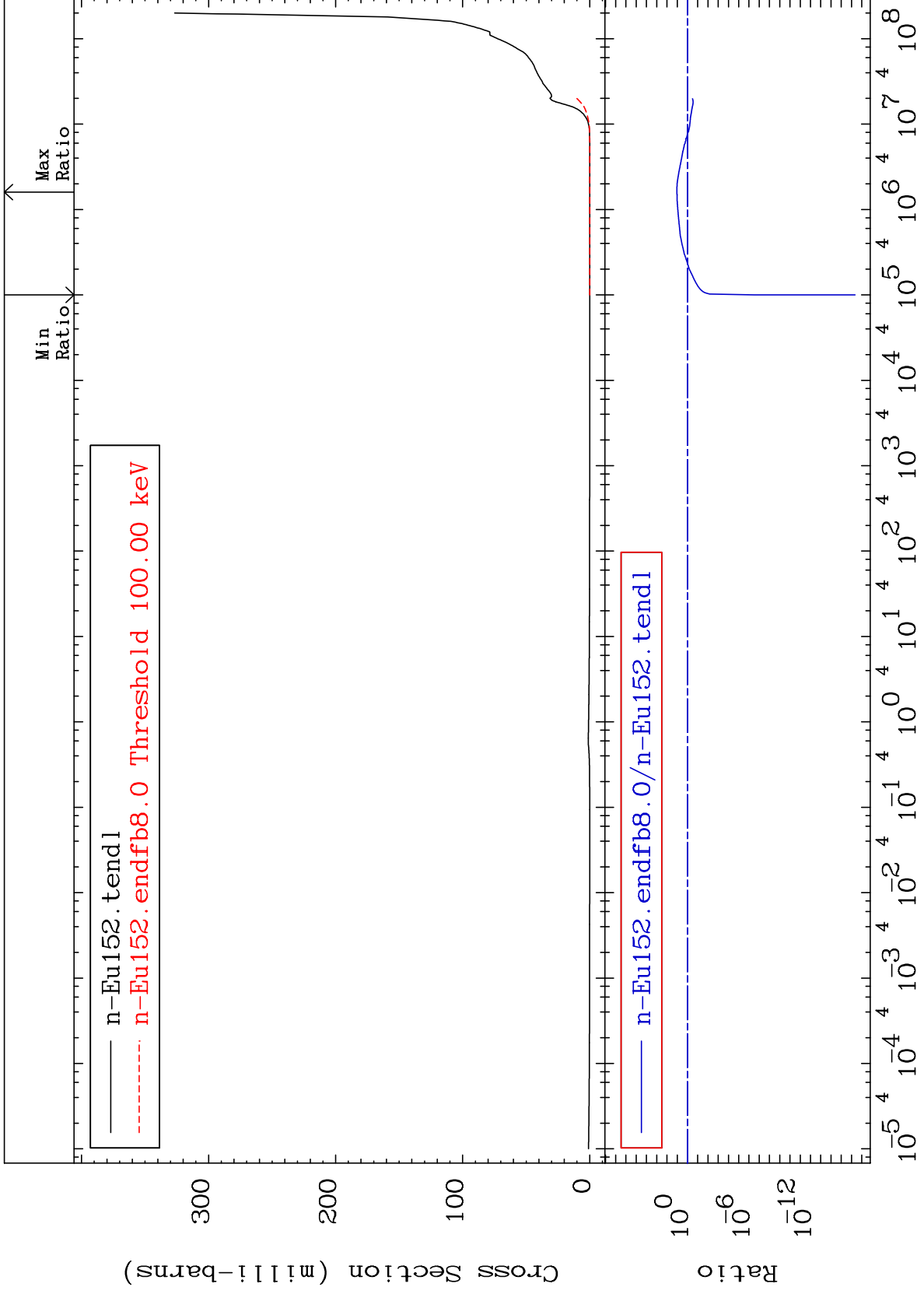
63-Eu-152



MAT 6328

He-4 Production  
Cross Section

63-Eu-152  
-100.0 To 961.8 %





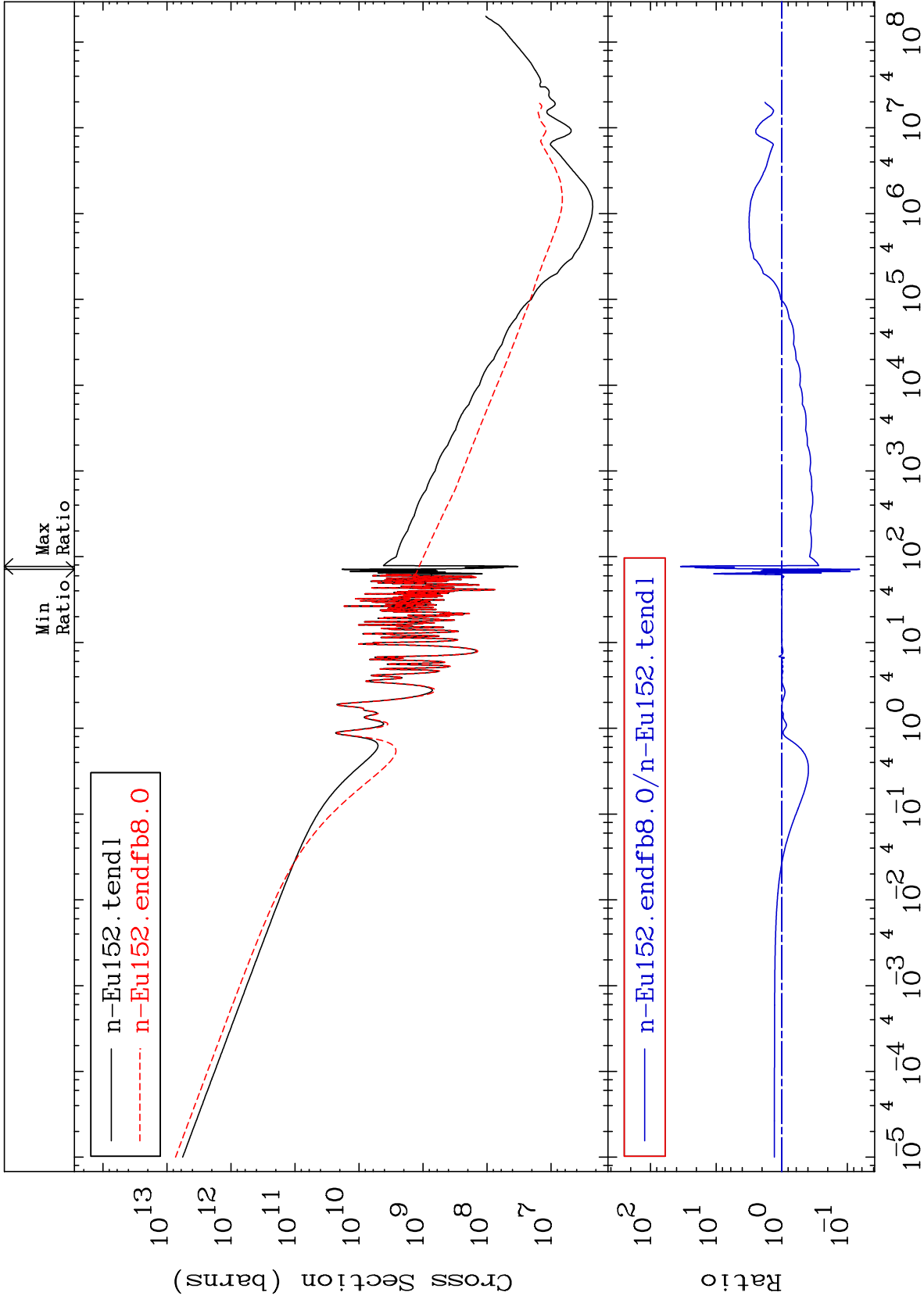
MAT 6328

Kerma total (eV-barns)

63-Eu-152

Cross Section

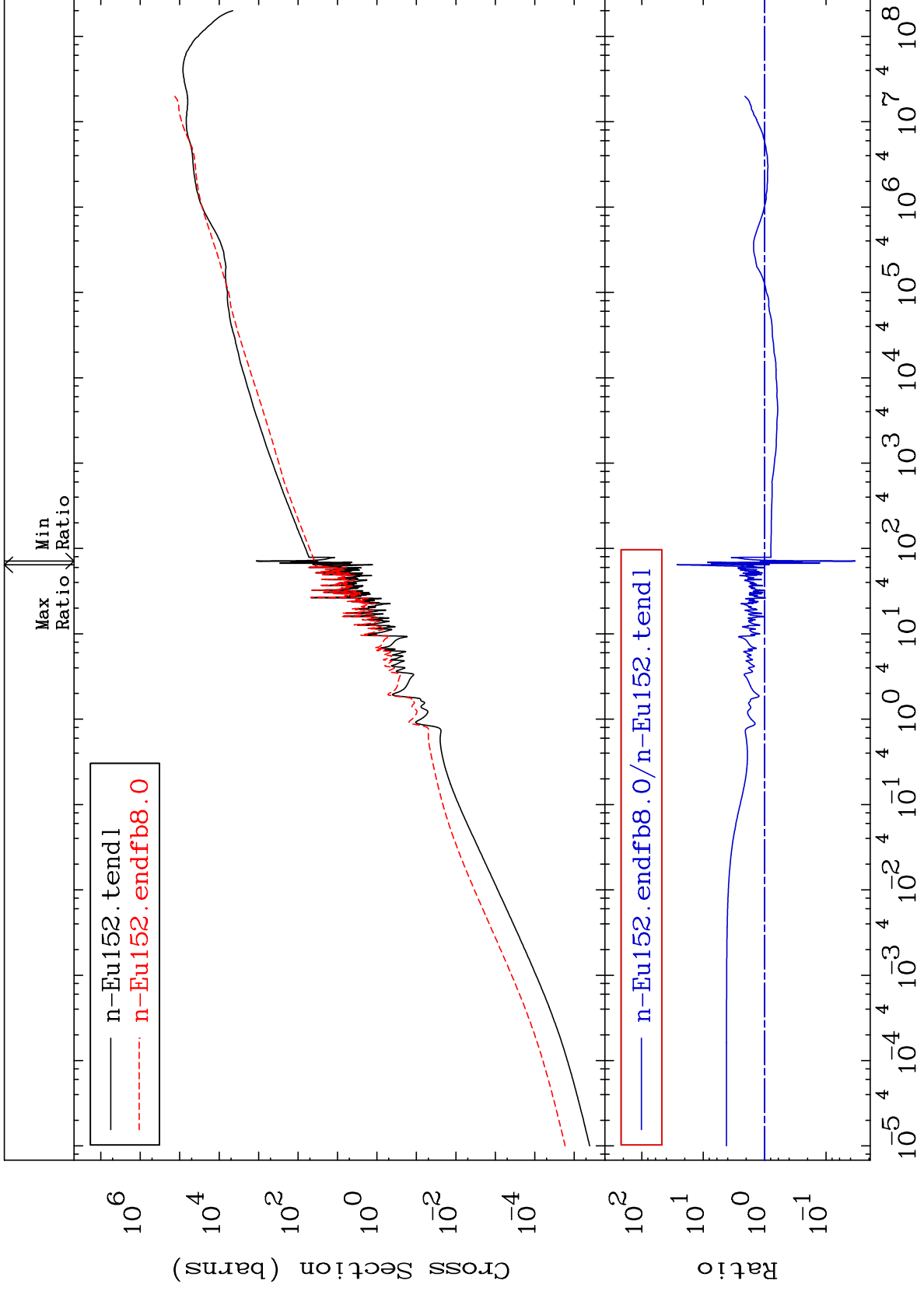
-93.43 To 3406. %

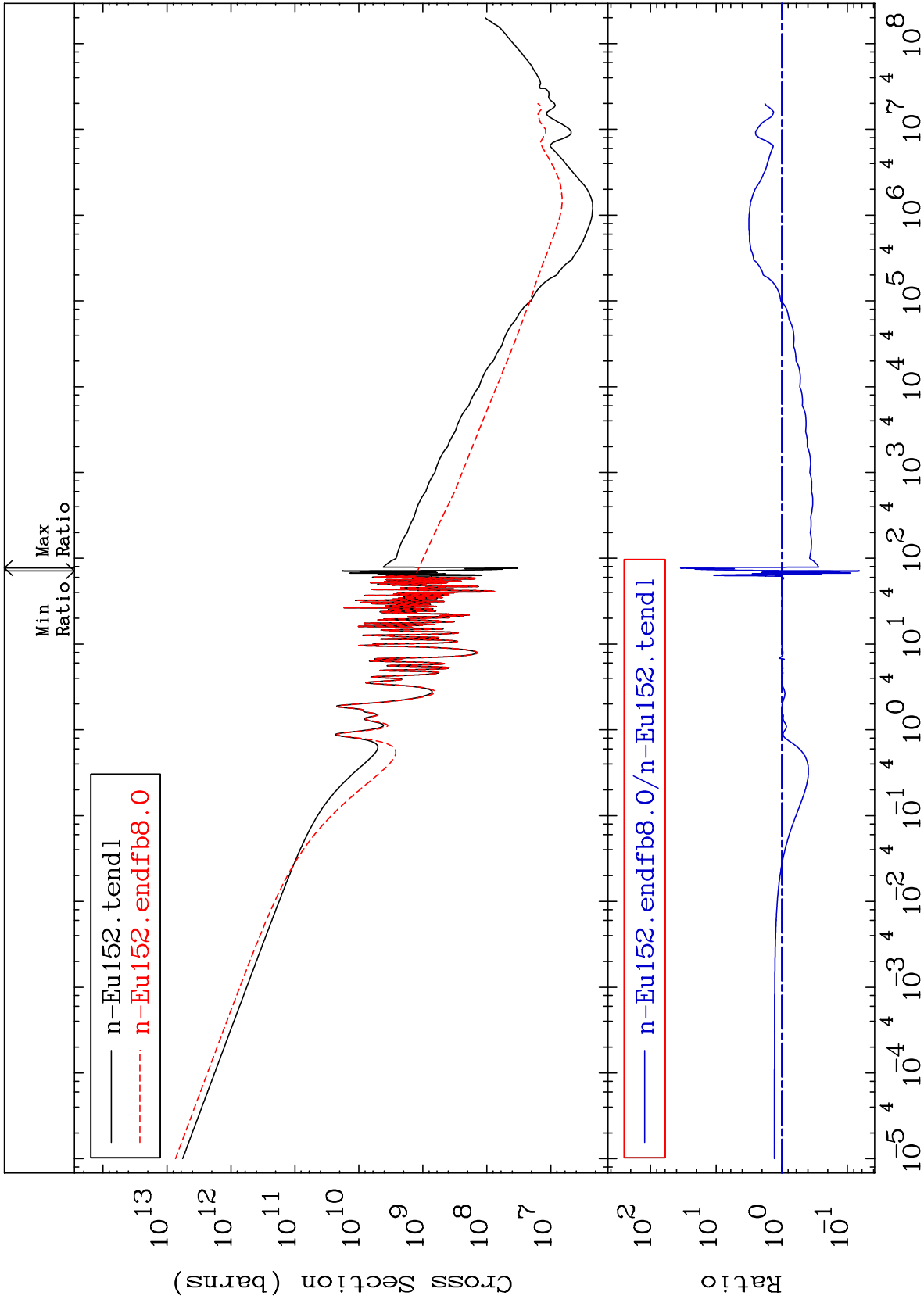


MAT 6328

Kerma elastic  
Cross Section

63-Eu-152  
-96.64 To 2583. %

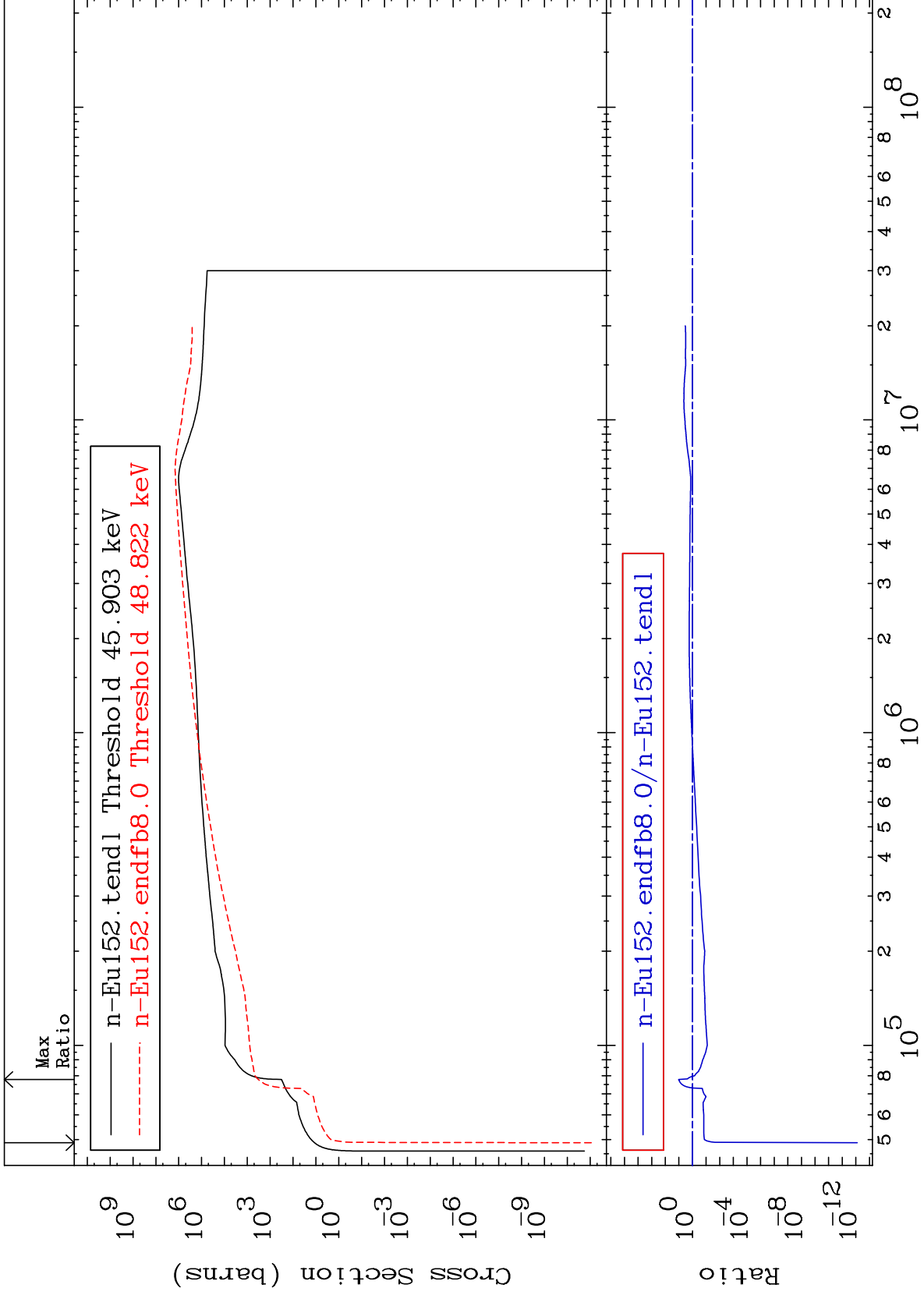




MAT 6328

Kerma inelastic (mt51-91)  
Cross Section

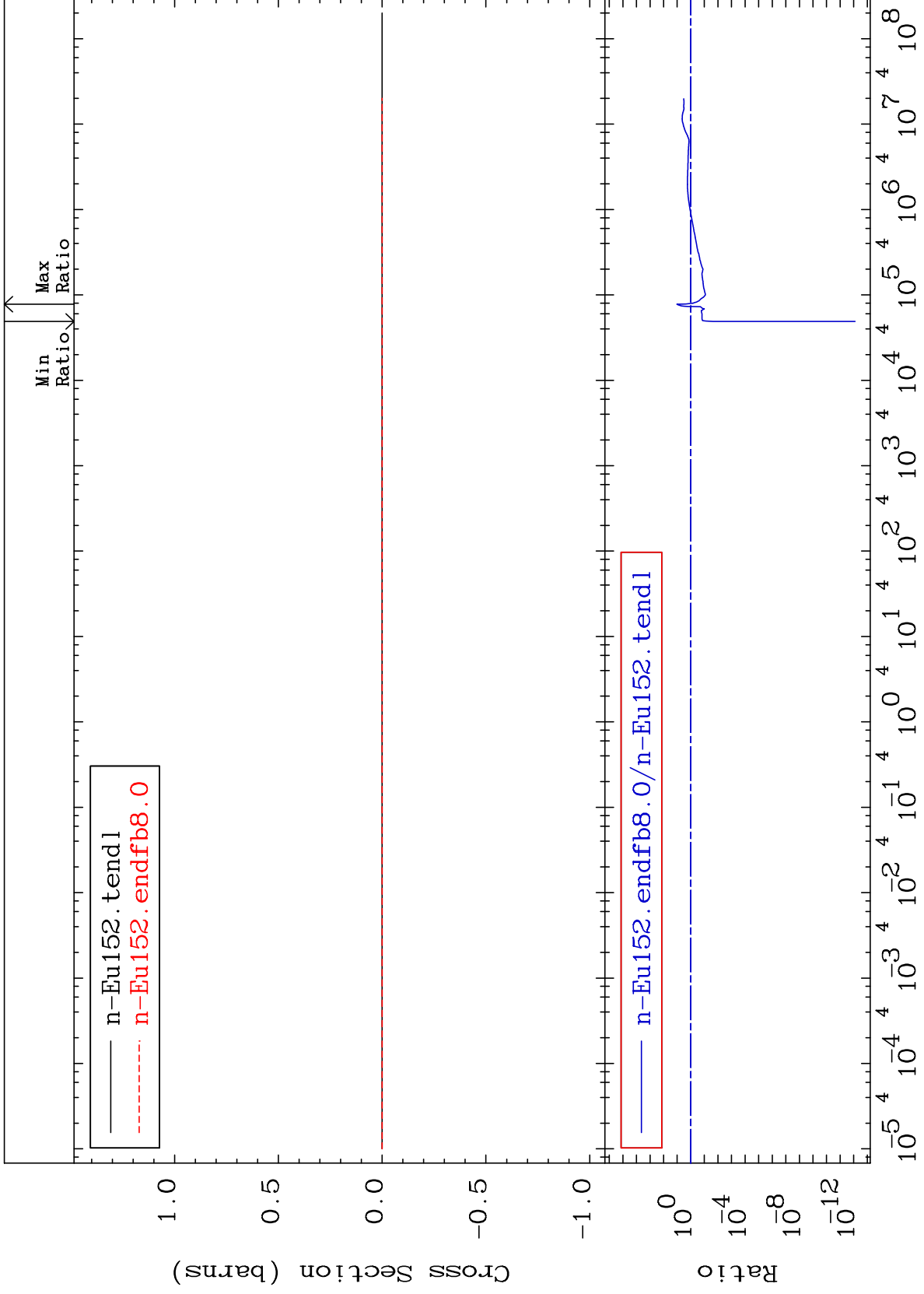
63-Eu-152  
-100.0 To 945.8 %

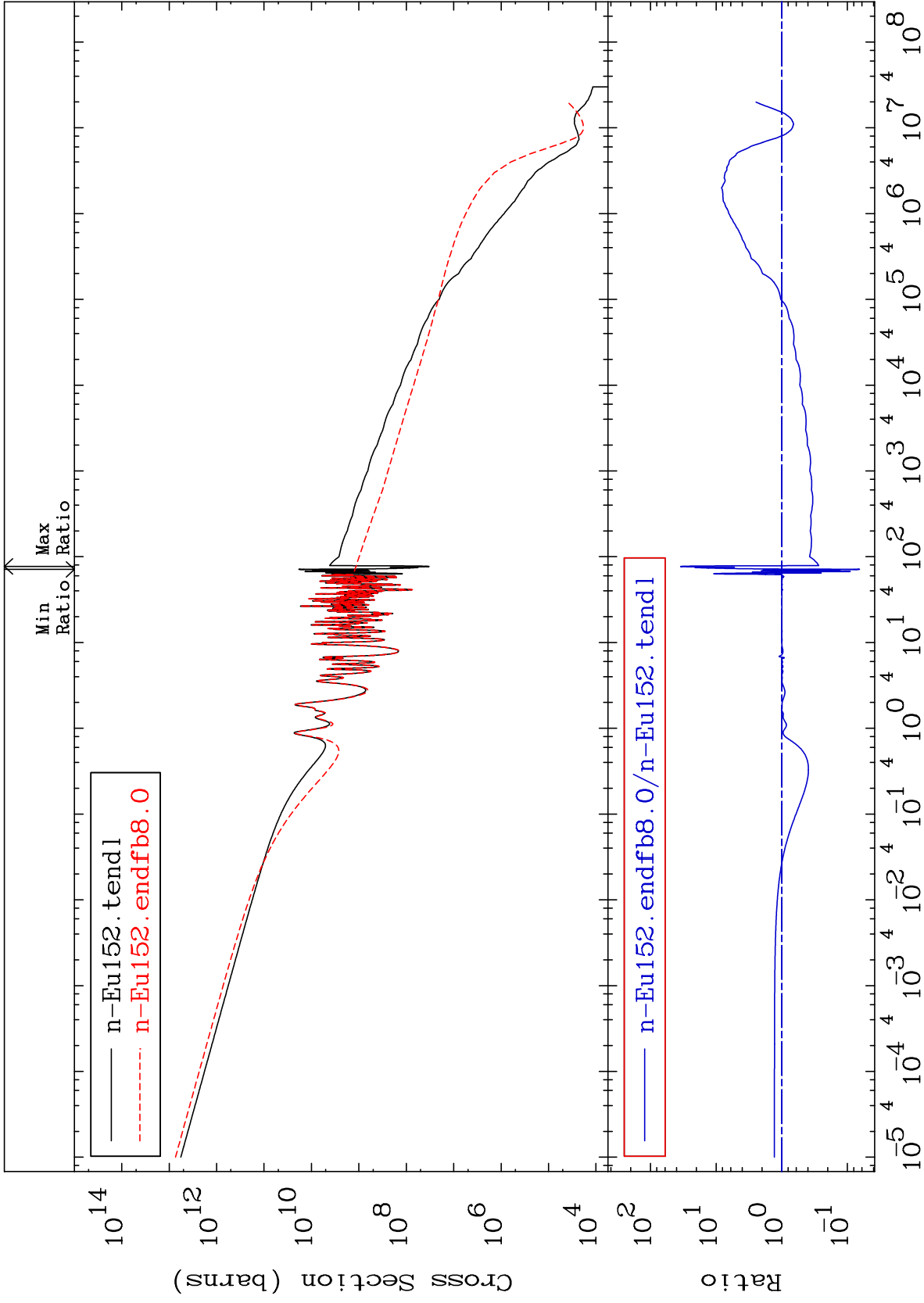


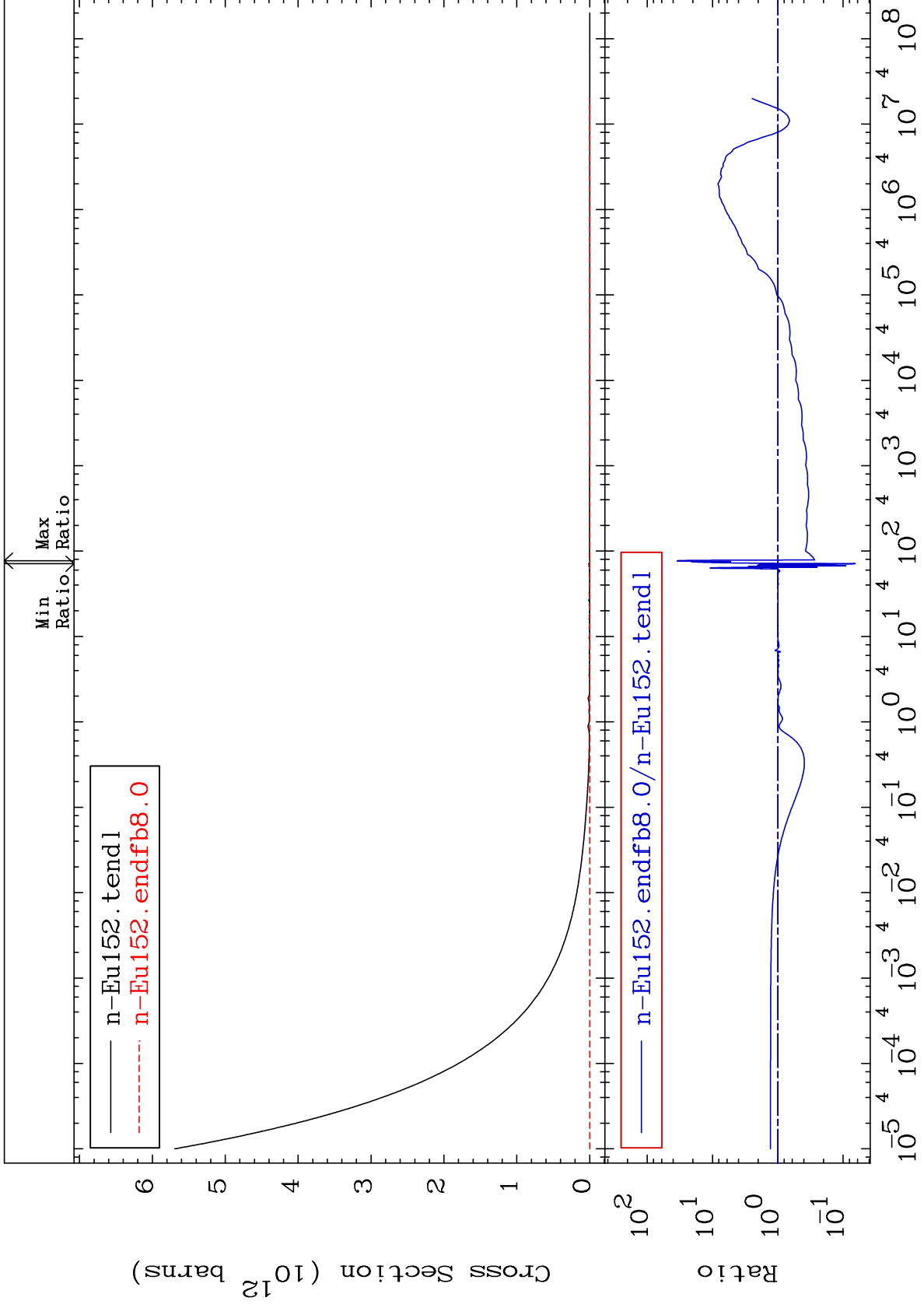
MAT 6328

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

63-Eu-152  
-100.0 To 945.8 %



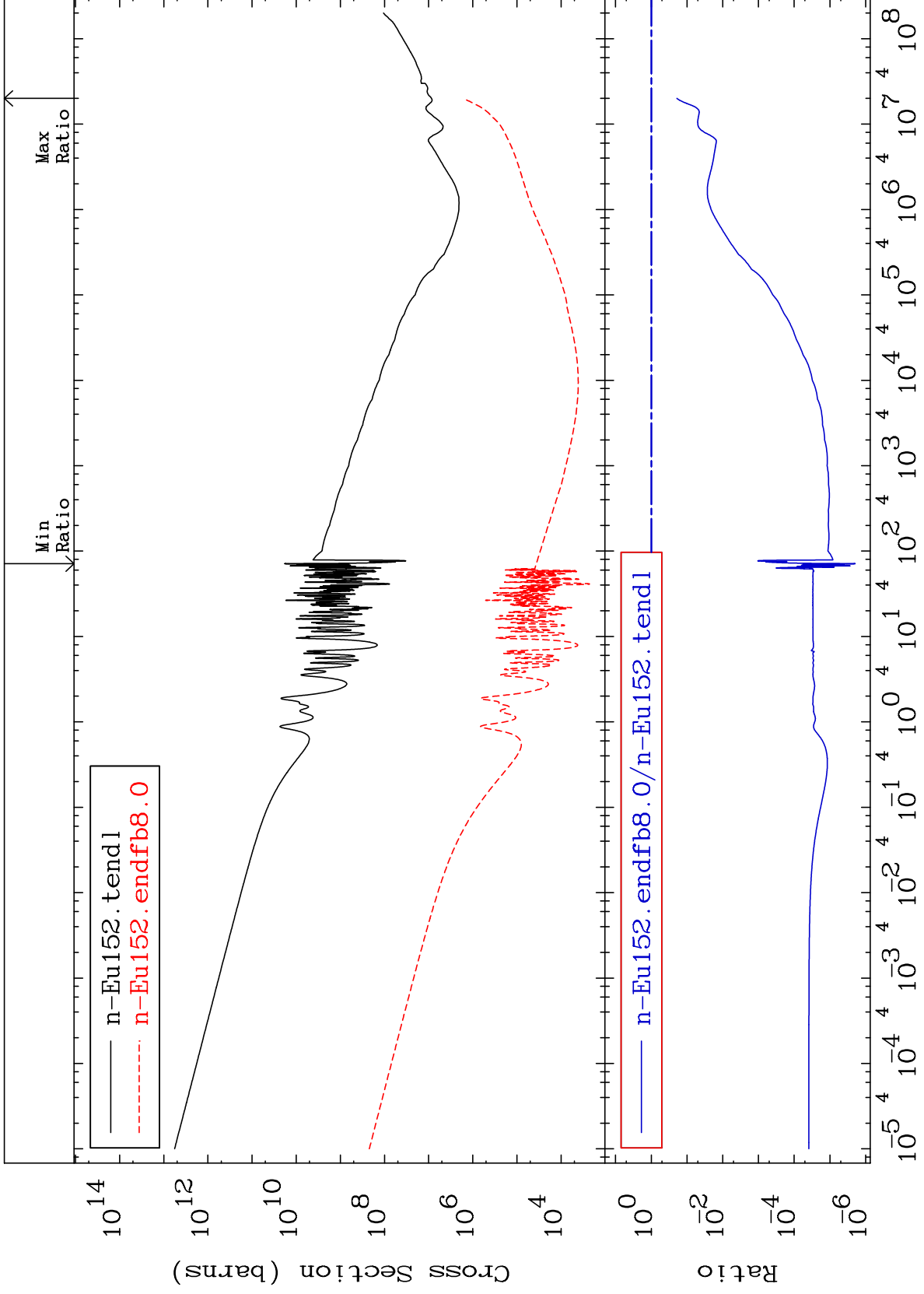




MAT 6328

Total kinematic kerma (high limit)  
Cross Section

63-Eu-152  
-100.0 To -80.87%



40

Incident Energy (eV)

63-Eu-152



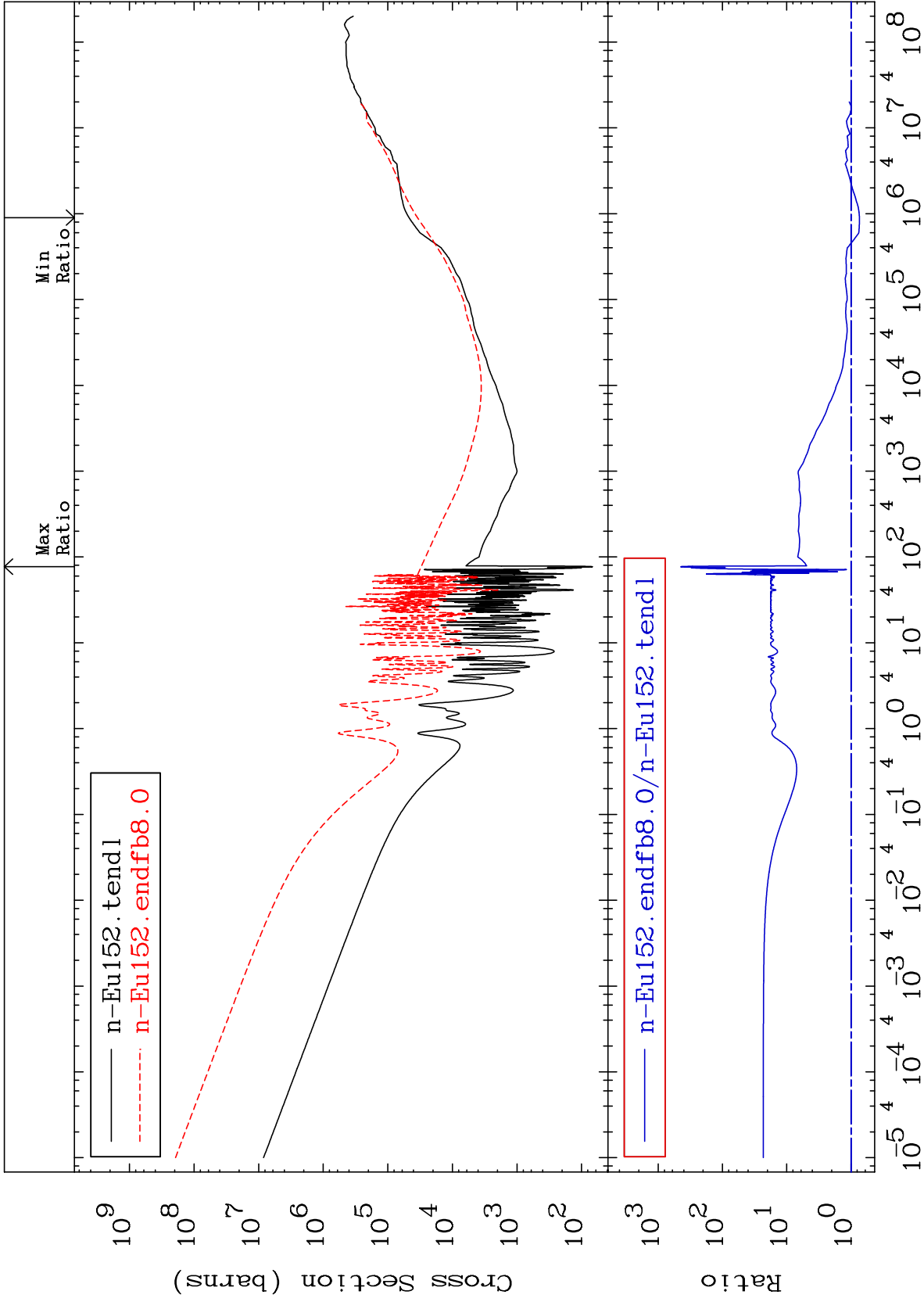
MAT 6328

Dpa total (eV-barns)

63-Eu-152

Cross Section

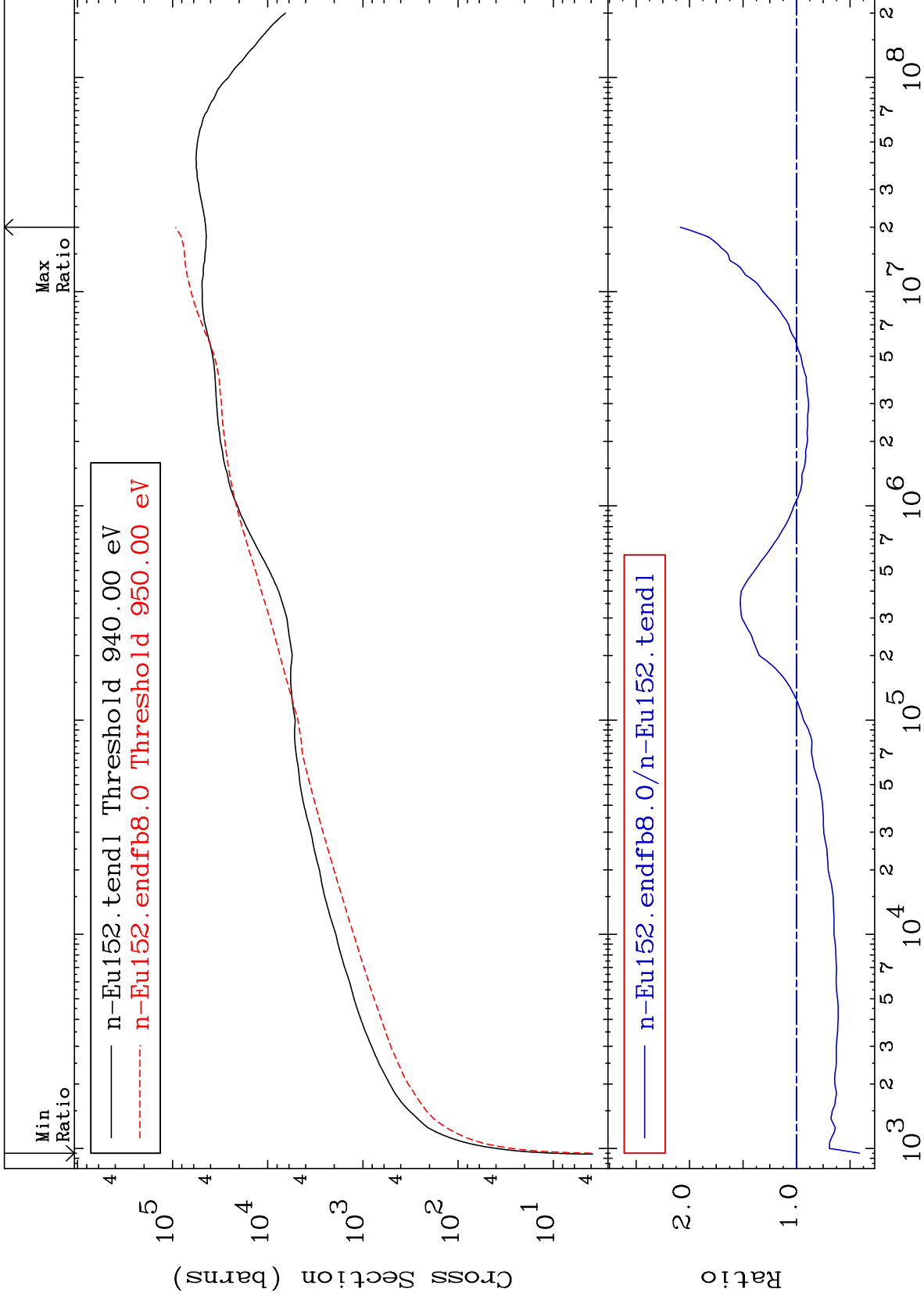
-26.10 To 9999. %



MAT 6328

Dpa elastic (mt2)  
Cross Section

63-Eu-152  
-58.85 To 108.6 %



42

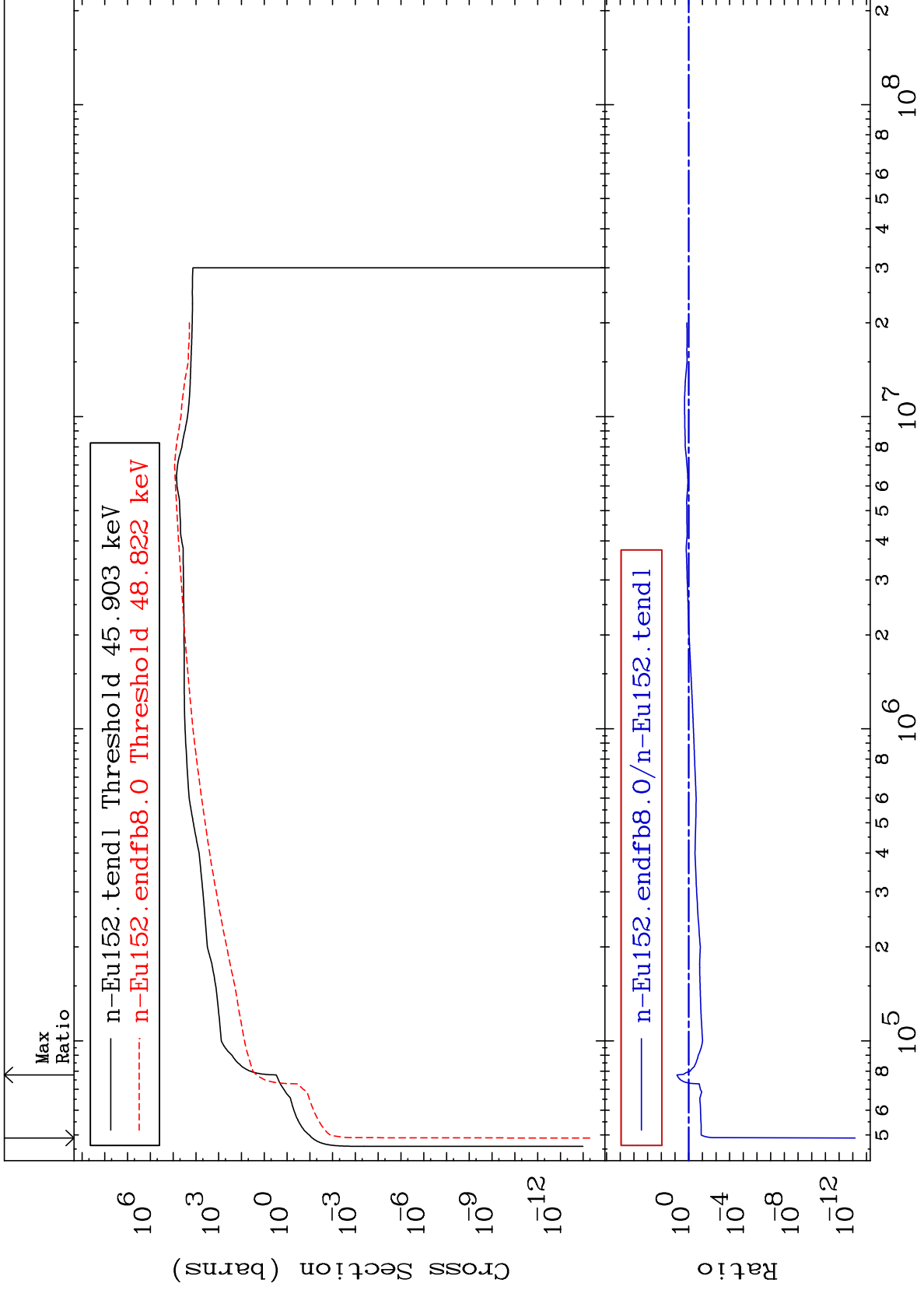
Incident Energy (eV)

63-Eu-152

MAT 6328

Dpa inelastic (mt51-91)  
Cross Section

63-Eu-152  
-100.0 To 618.0 %



MAT 6328

Dpa disappearance (mt102 -120)  
Cross Section

63-Eu-152  
-69.50 To 9999. %

