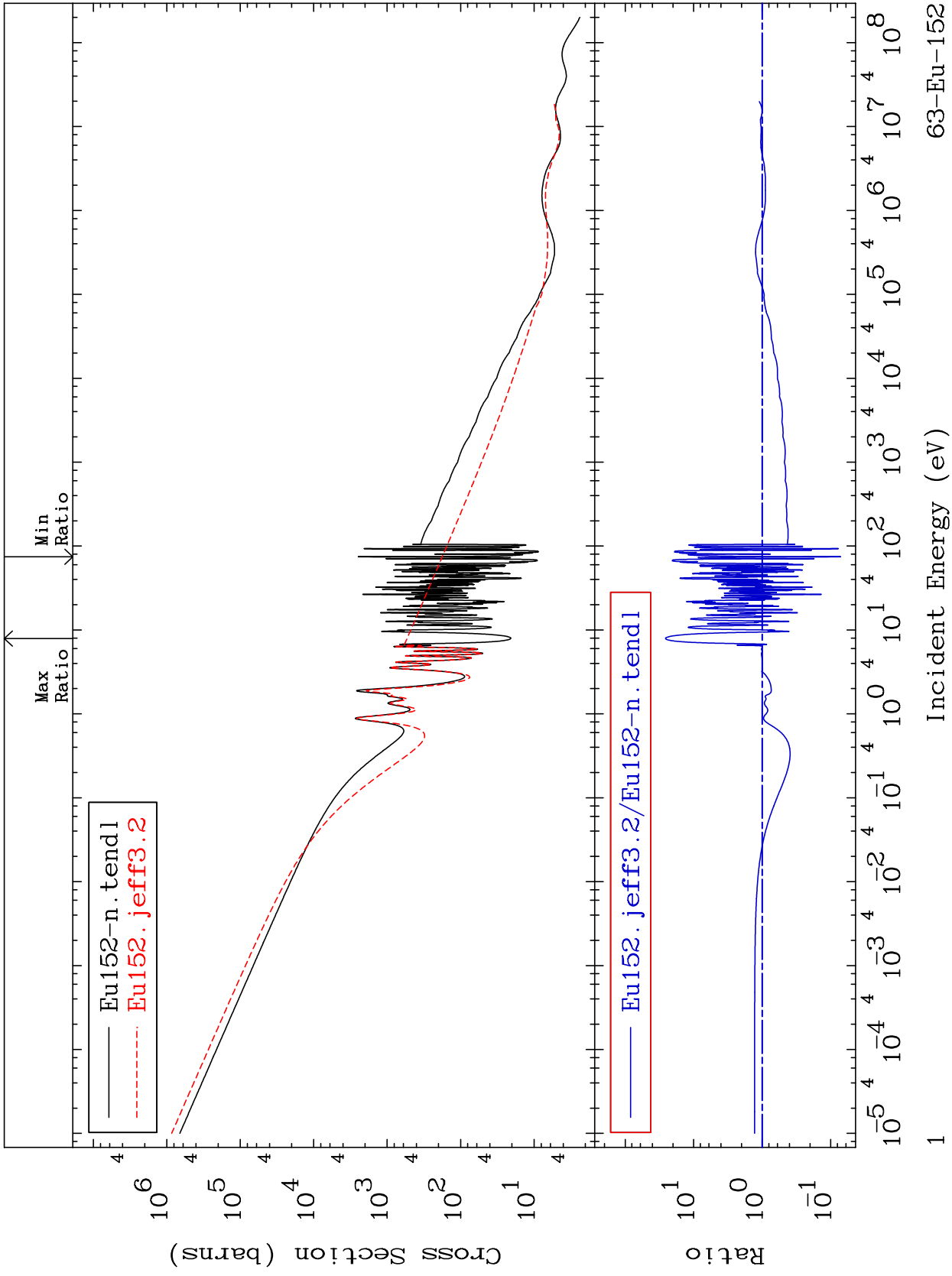


MAT 6328

63-Eu-152  
-92.85 To 2478. %

Total  
Cross Section

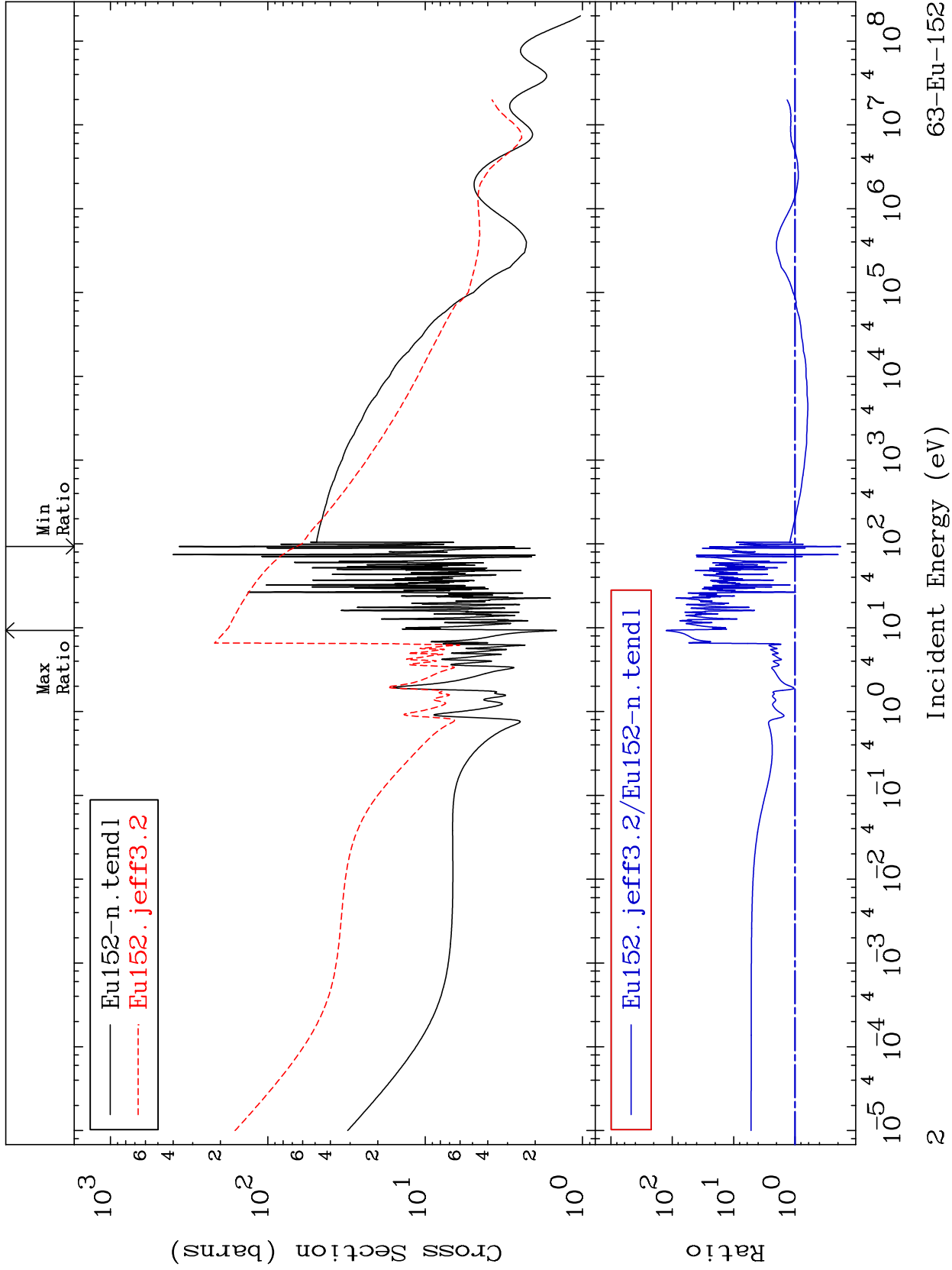


Incident Energy (eV)

63-Eu-152

MAT 6328

Elastic Cross Section  
63-Eu-152  
-82.06 To 9999. %



63-Eu-152

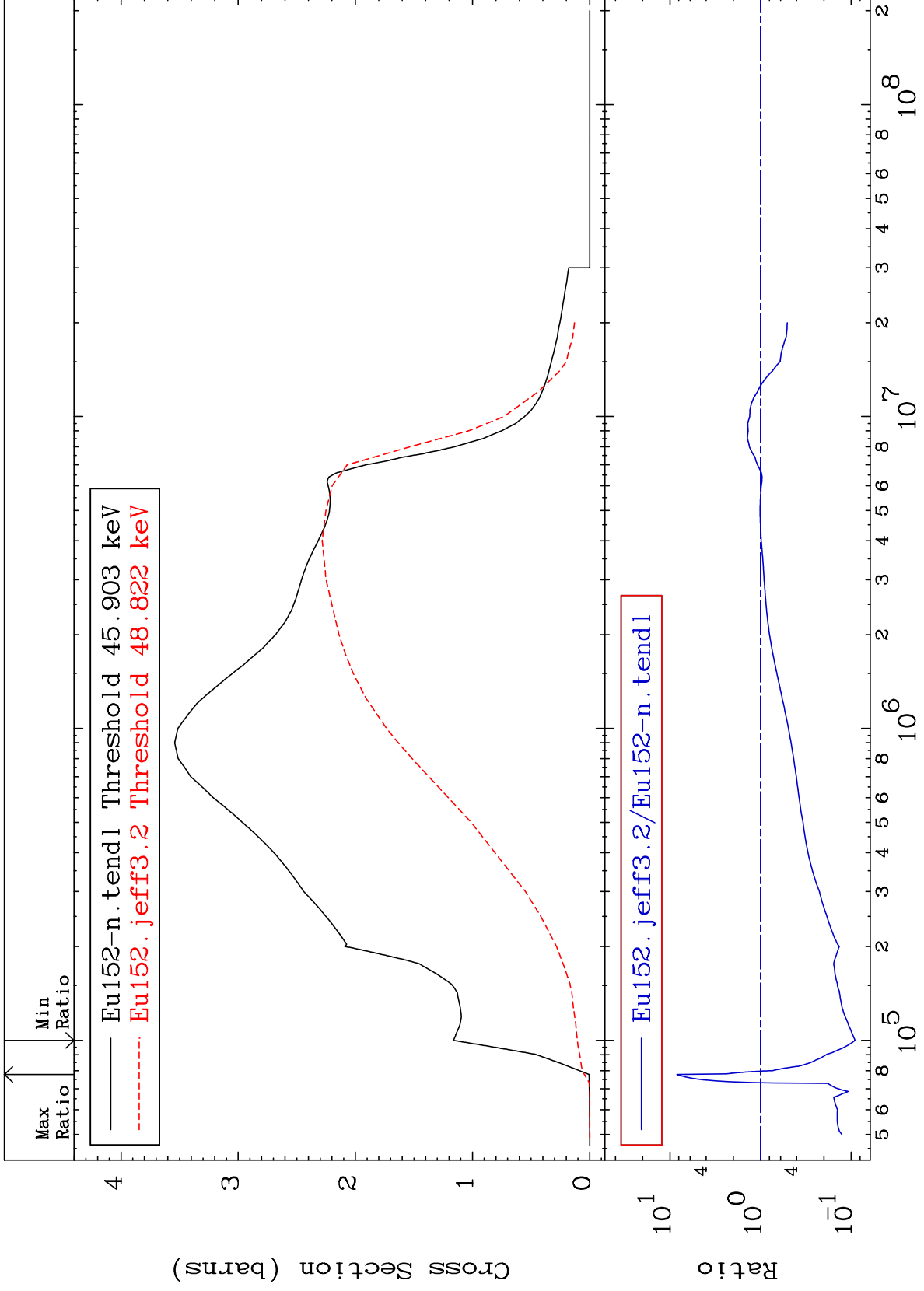
Incident Energy (eV)

2

MAT 6328

Inelastic  
Cross Section

63-Eu-152  
-90.94 To 738.4 %



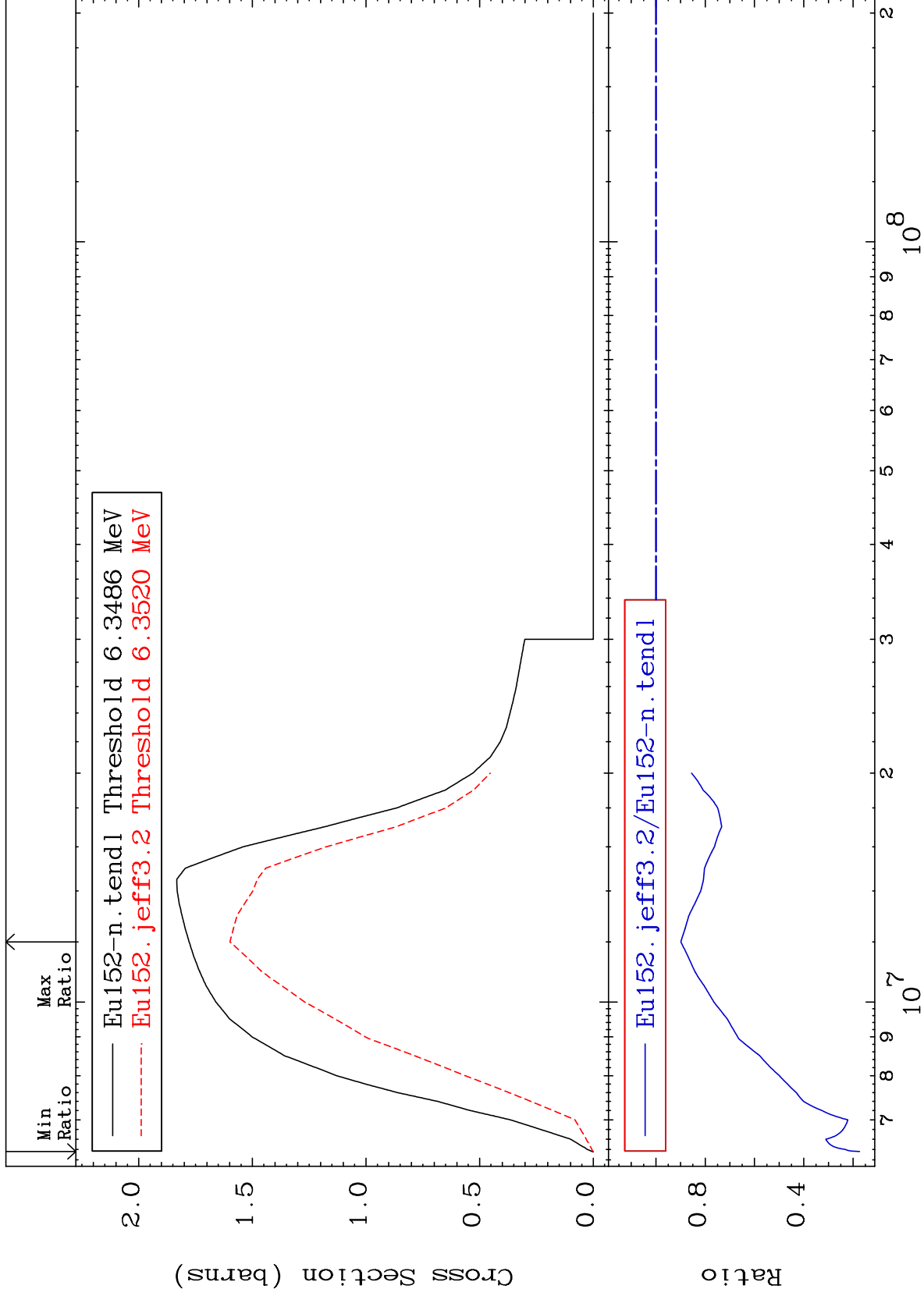
MAT 6328

(n,2n)

63-Eu-152

Cross Section

-82.63 To -10.09%



4

Incident Energy (eV)

63-Eu-152

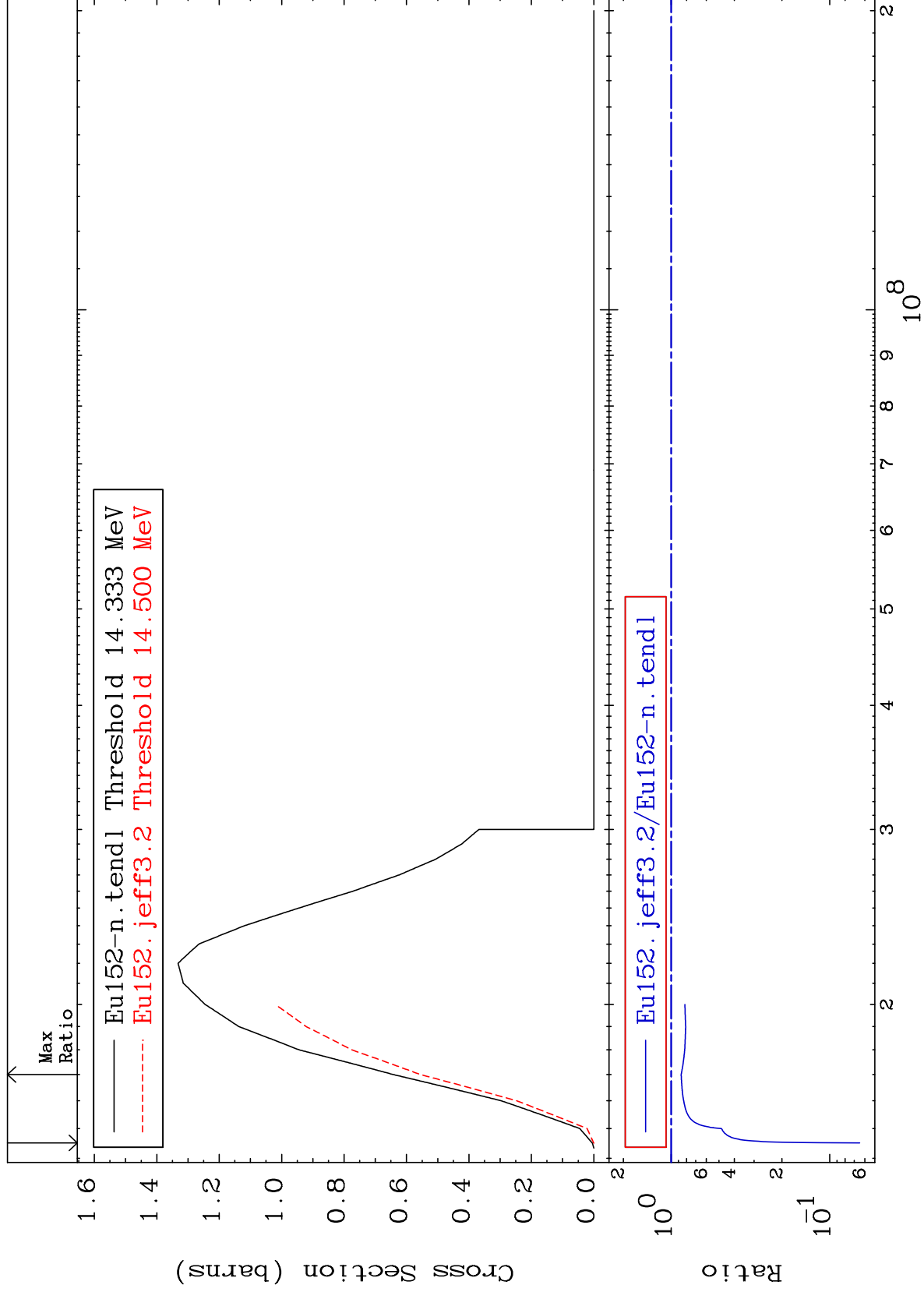
MAT 6328

(n,3n)

63-Eu-152

Cross Section

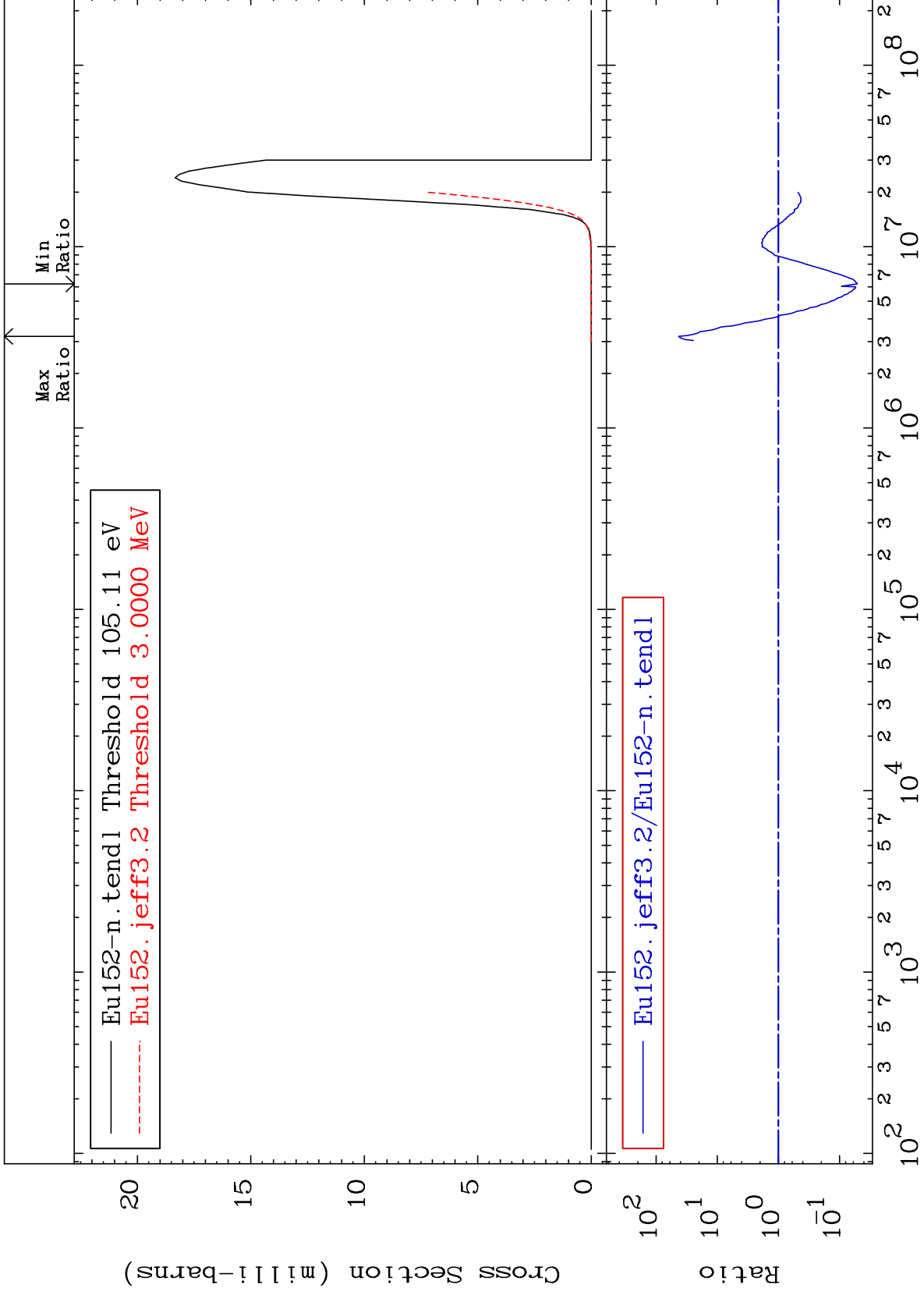
-93.53 To -13.55%



MAT 6328

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

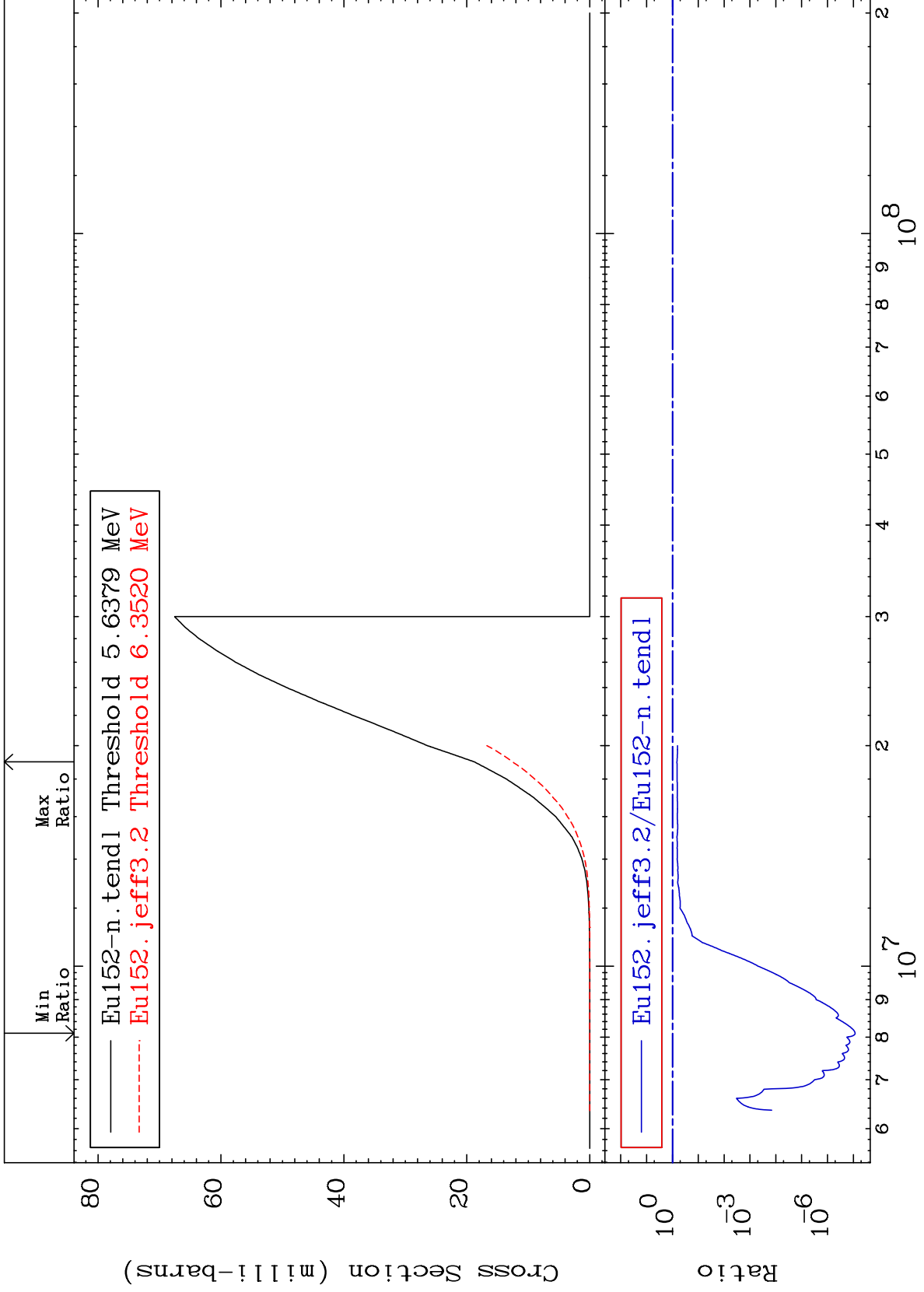
63-Eu-152  
-94.84 To 4195. %



MAT 6328

(n, n') p  
Cross Section

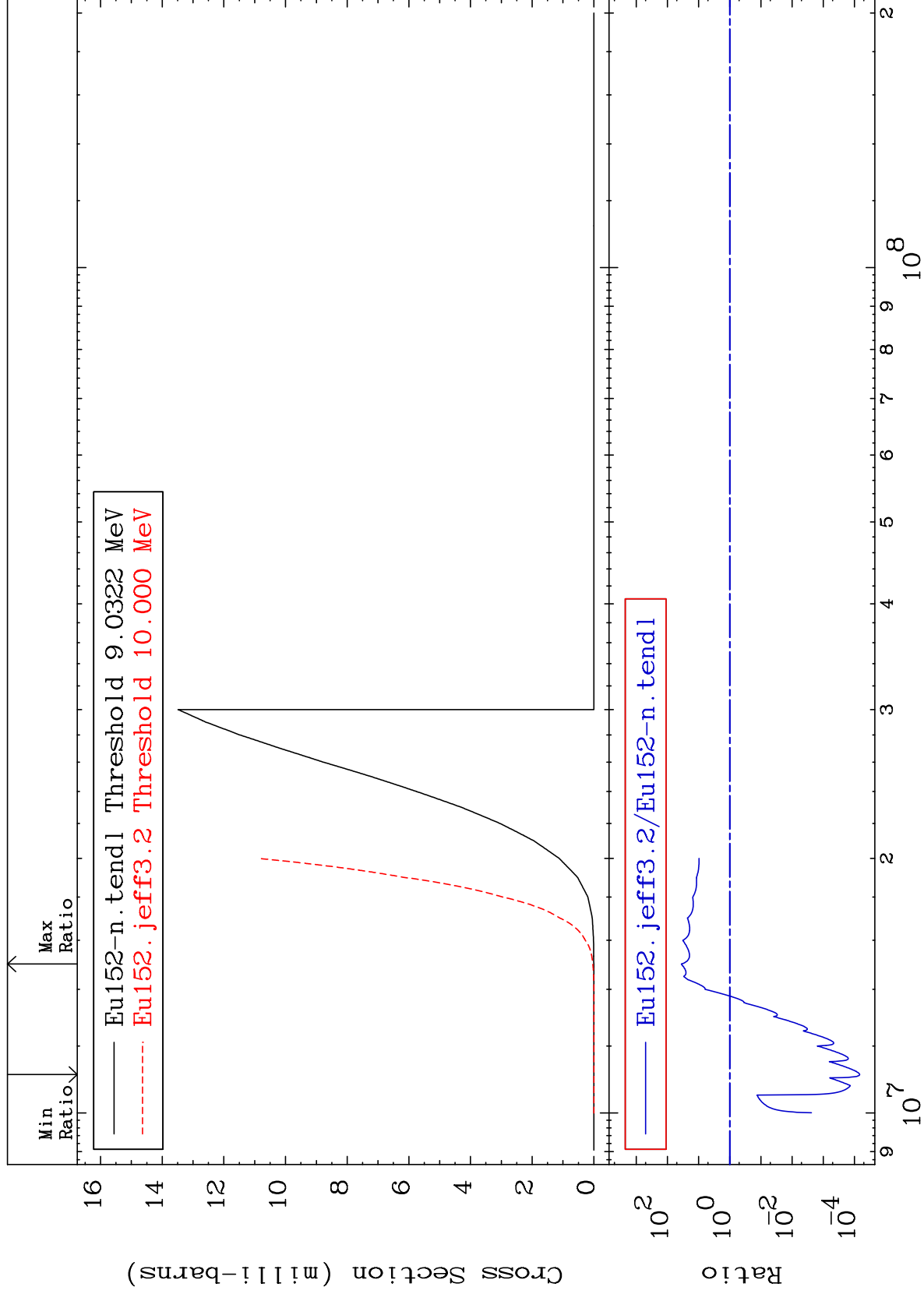
63-Eu-152  
-100.0 To -33.05%



MAT 6328

(n,n') d  
Cross Section

63-Eu-152  
-99.99 To 3499. %



8

Incident Energy (eV)

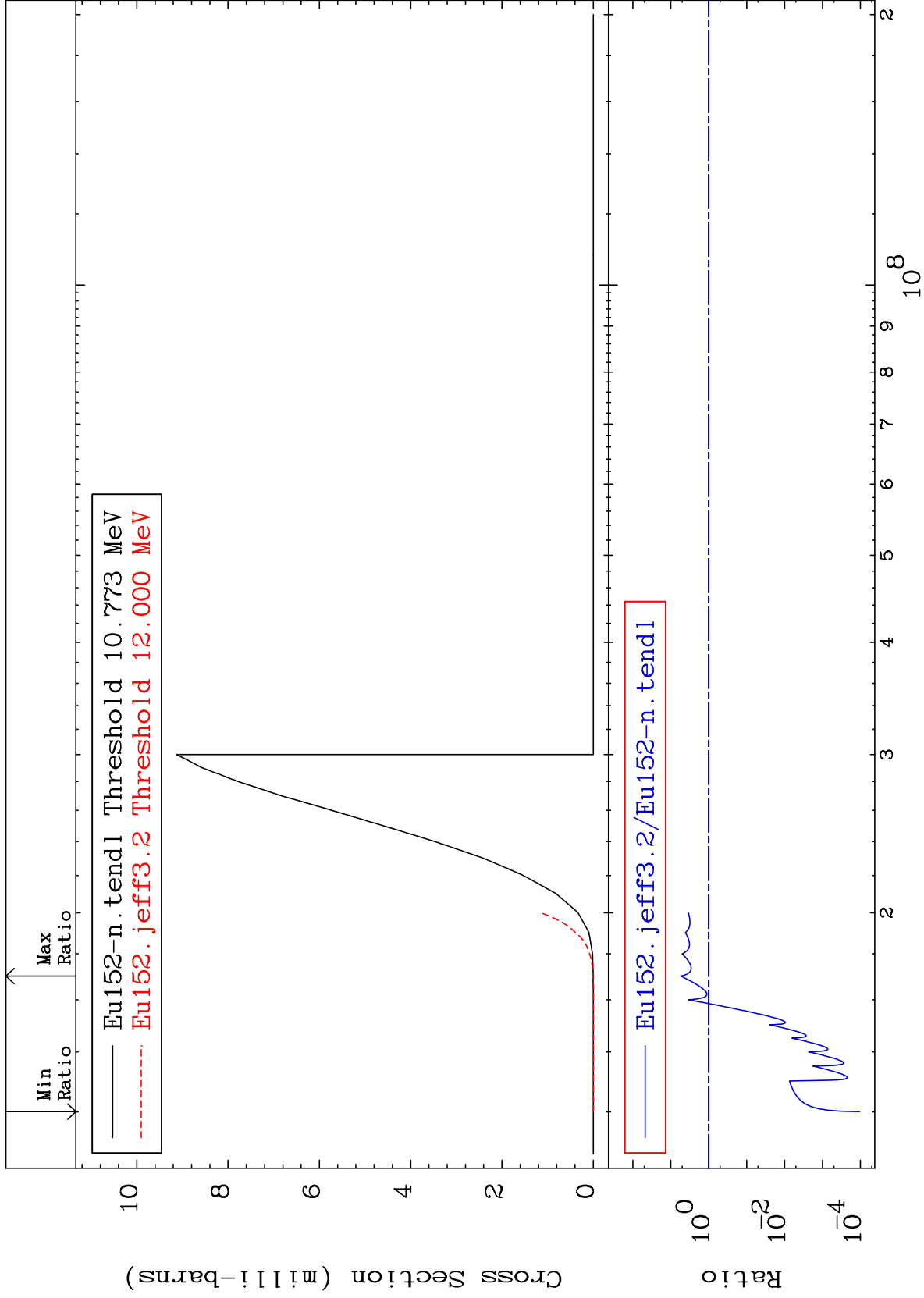
63-Eu-152



MAT 6328

(n,n') t  
Cross Section

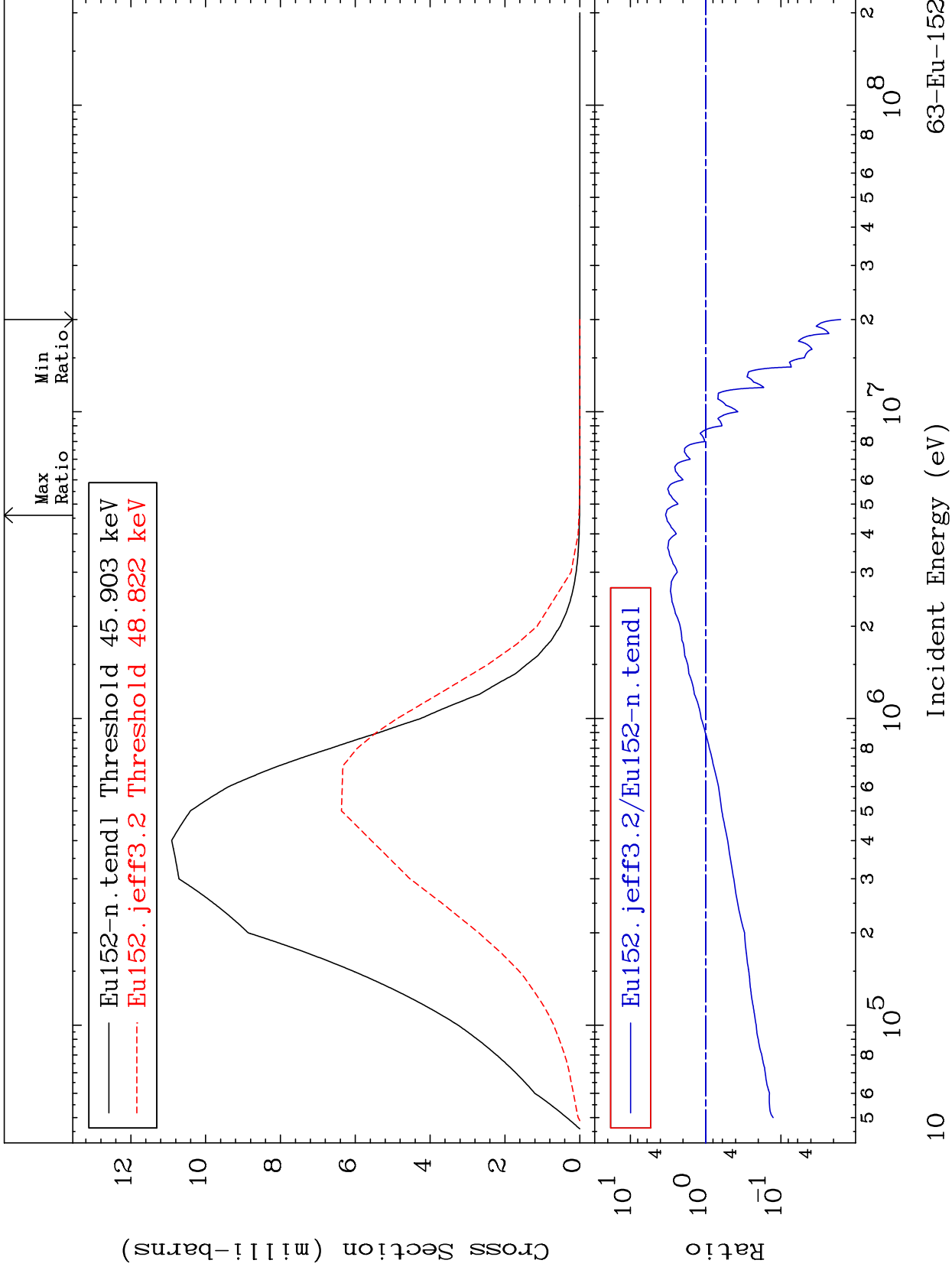
63-Eu-152  
-99.99 To 446.3 %



MAT 6328

45.60 keV (n,n') Level  
Cross Section

63-Eu-152  
-98.39 To 241.7 %



10

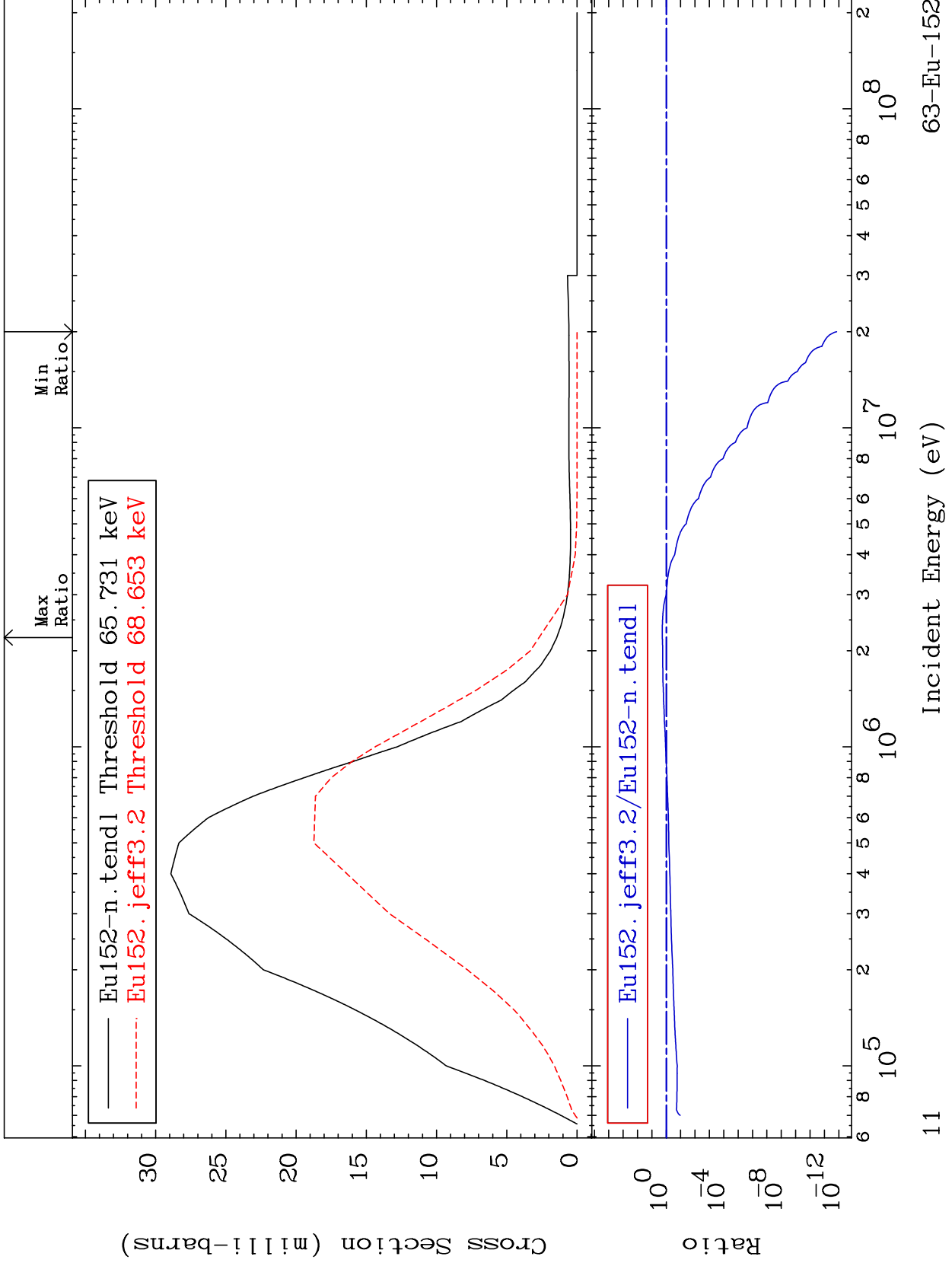
Incident Energy (eV)

63-Eu-152

MAT 6328

65.30 keV (n,n') Level  
Cross Section

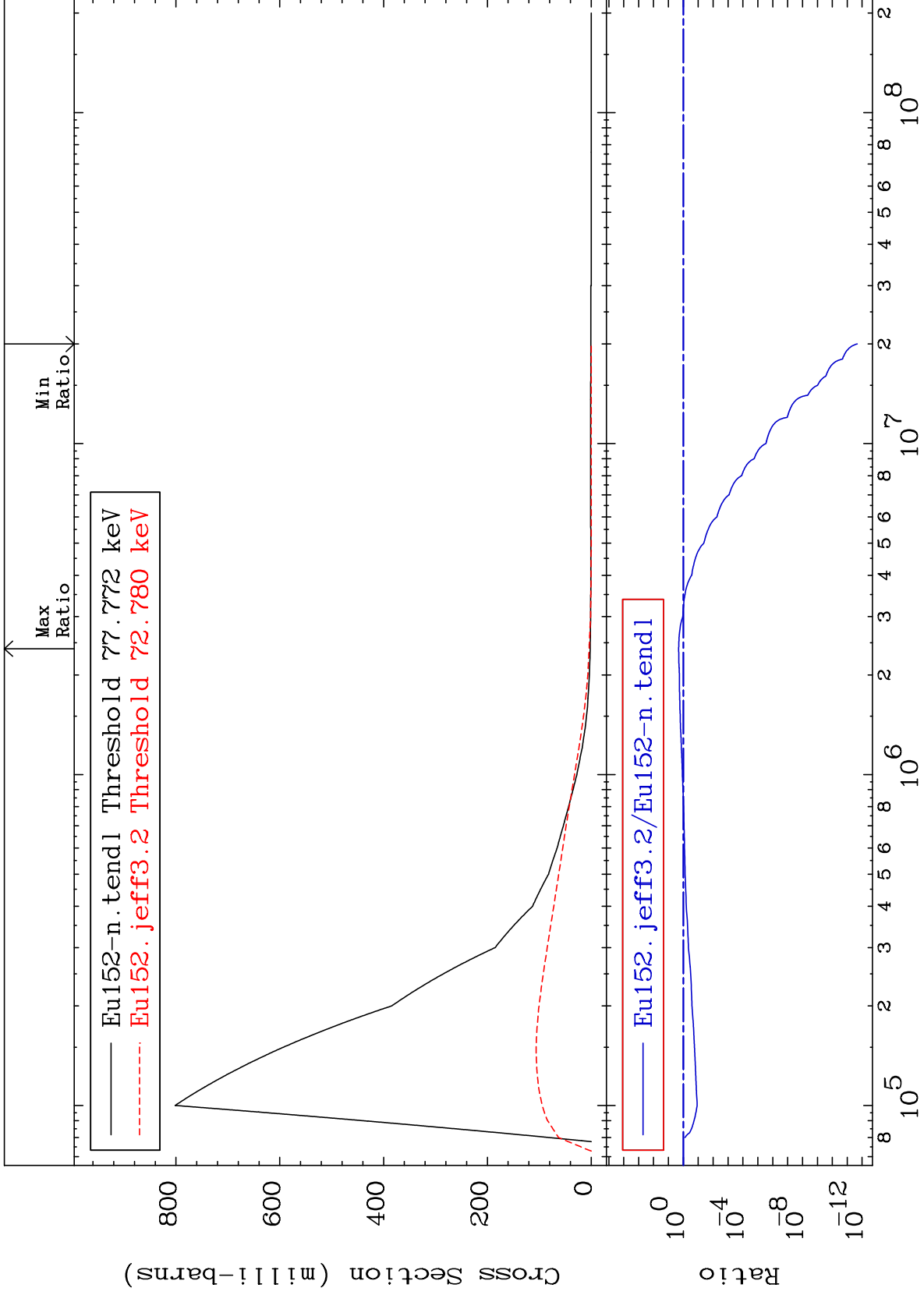
63-Eu-152  
-100.0 To 88.03 %



MAT 6328

77.26 keV (n,n') Level  
Cross Section

63-Eu-152  
-100.0 To 106.2 %



12

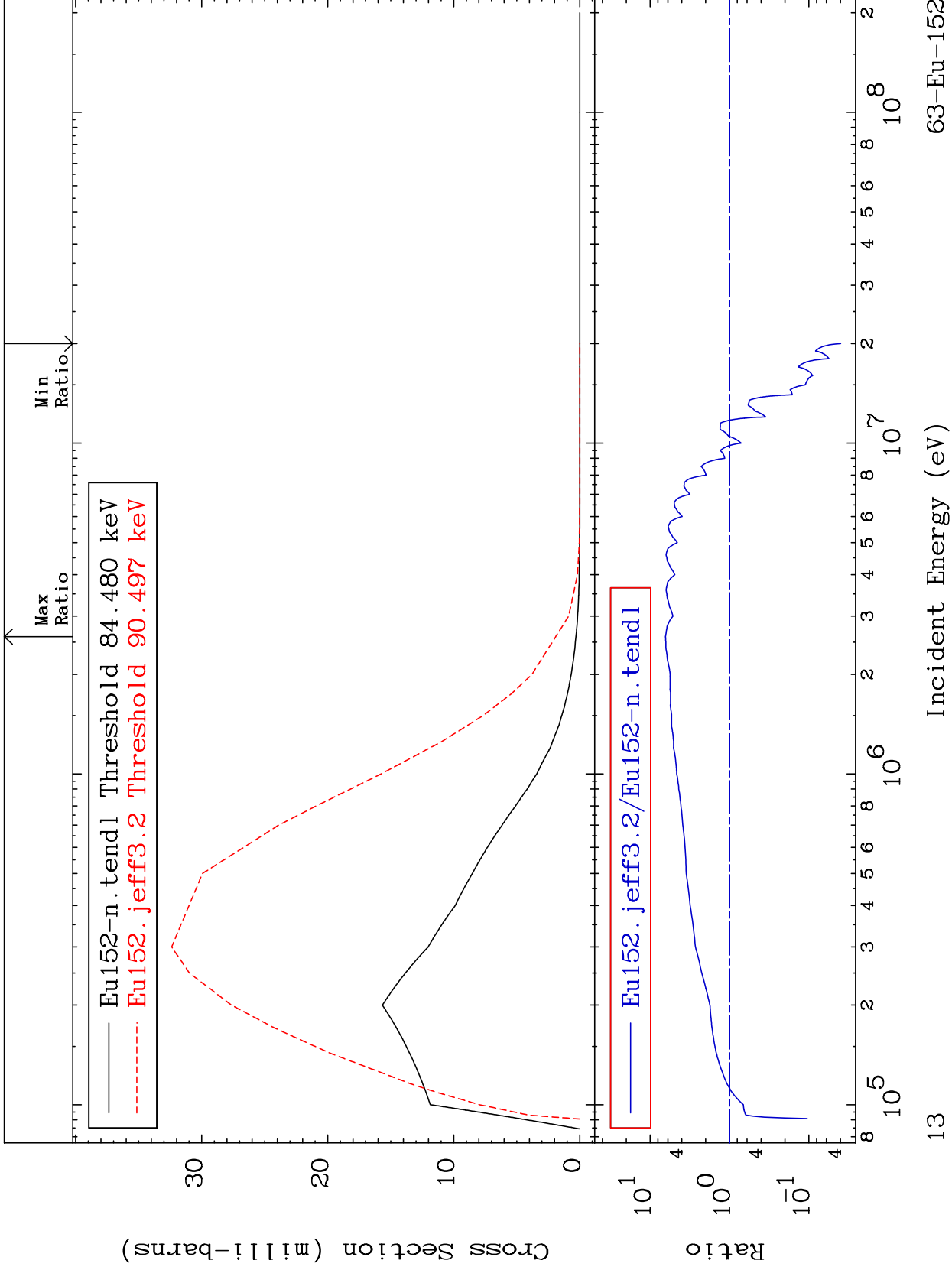
Incident Energy (eV)

63-Eu-152

MAT 6328

83.92 keV (n,n') Level  
Cross Section

63-Eu-152  
-96.03 To 541.6 %



13

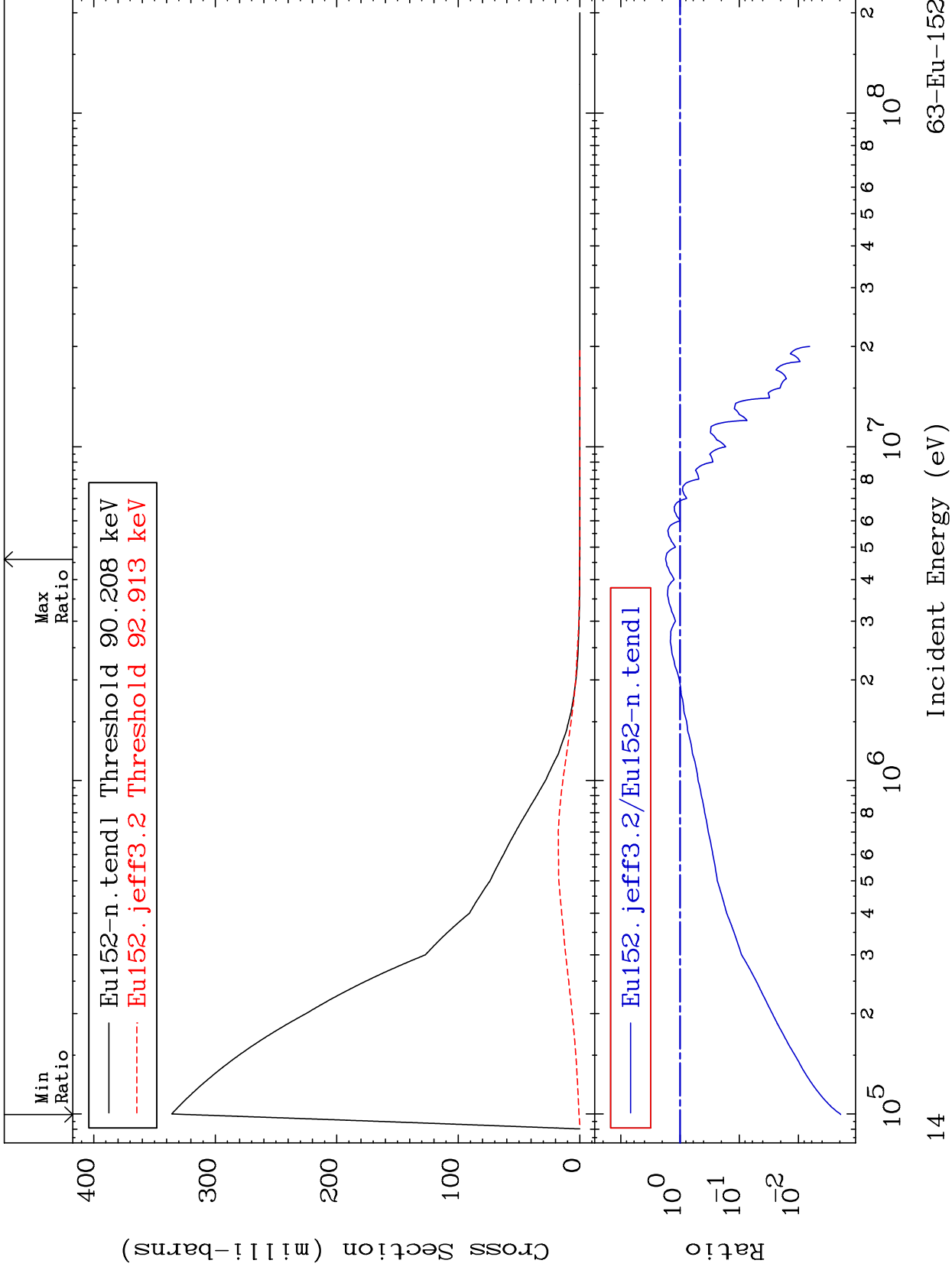
Incident Energy (eV)

63-Eu-152

MAT 6328

89.61 keV (n,n') Level  
Cross Section

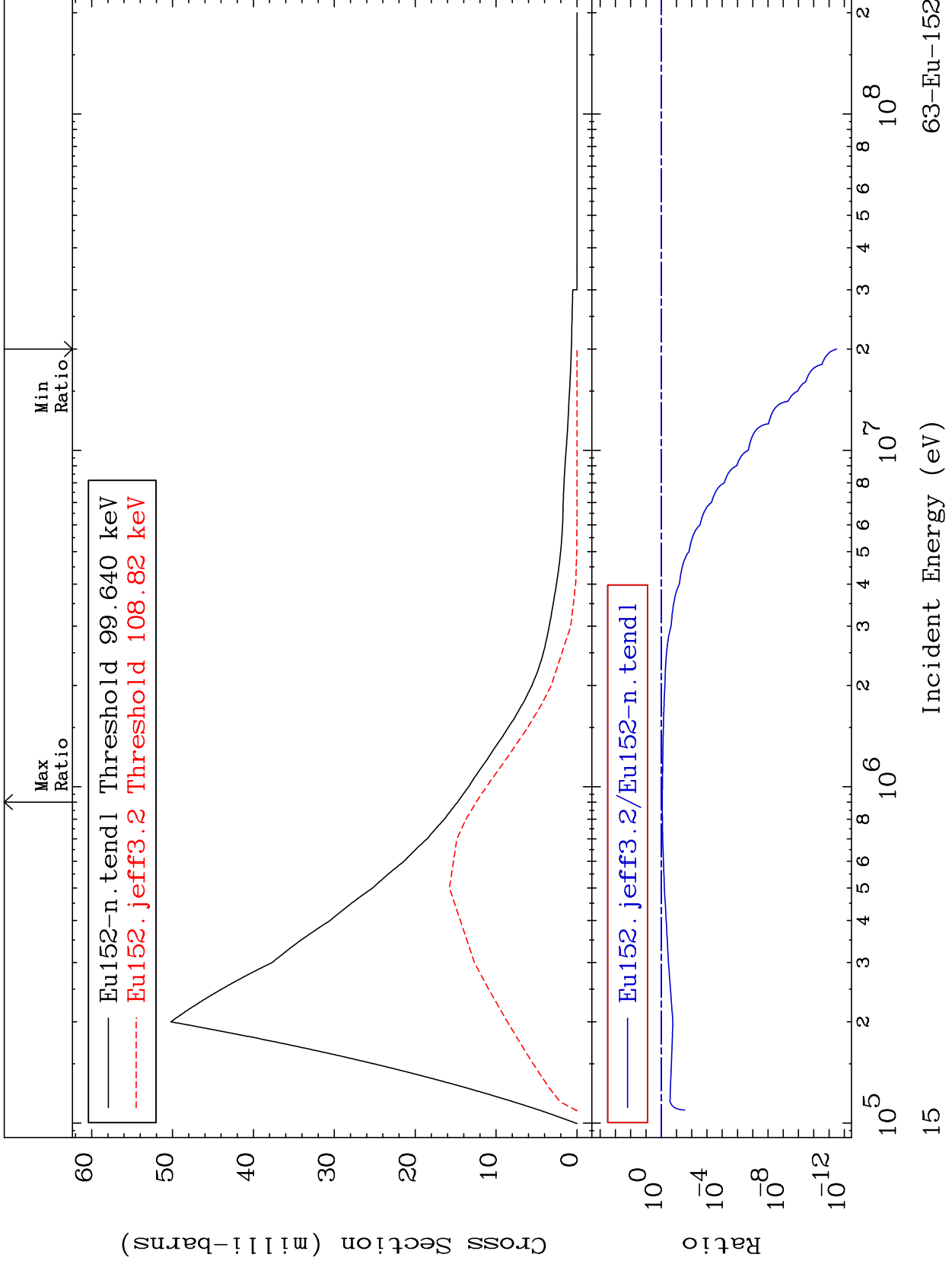
63-Eu-152  
-99.81 To 76.01 %



MAT 6328

98.98 keV (n,n') Level  
Cross Section

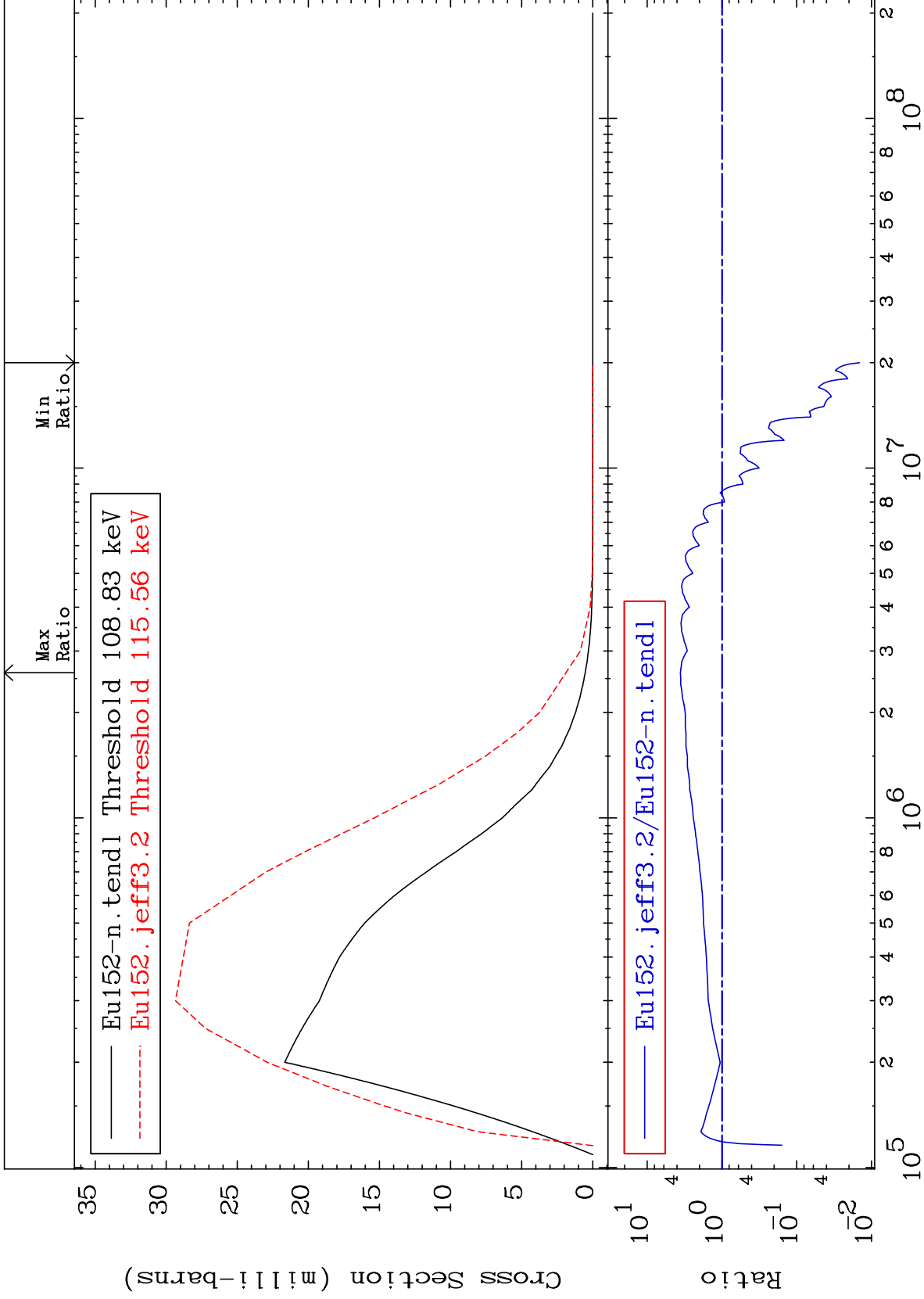
63-Eu-152  
-100.0 To -15.54%



MAT 6328

108.1 keV (n,n') Level  
Cross Section

63-Eu-152  
-98.55 To 260.0 %



16

Incident Energy (eV)

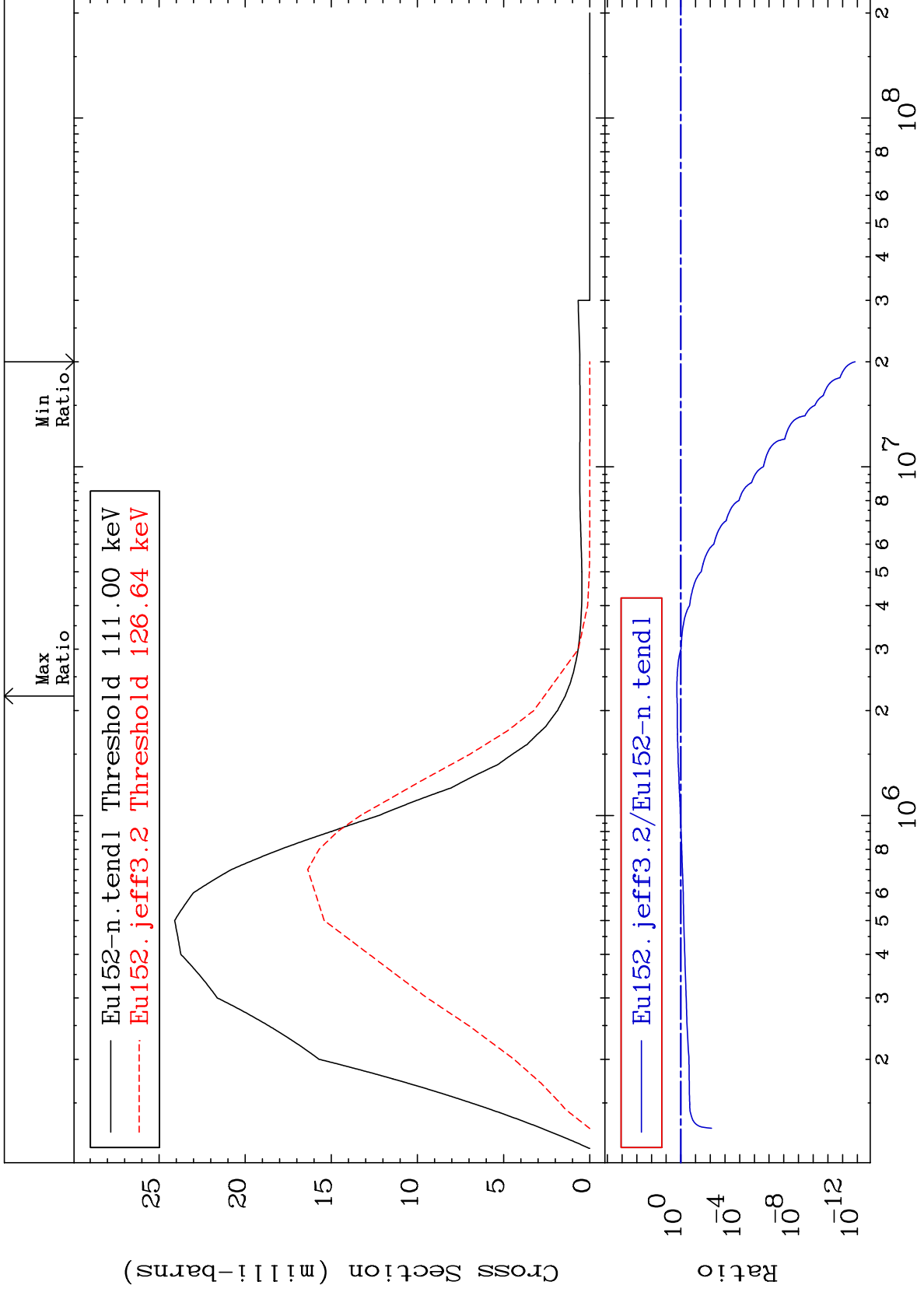
63-Eu-152



MAT 6328

110.3 keV (n,n') Level  
Cross Section

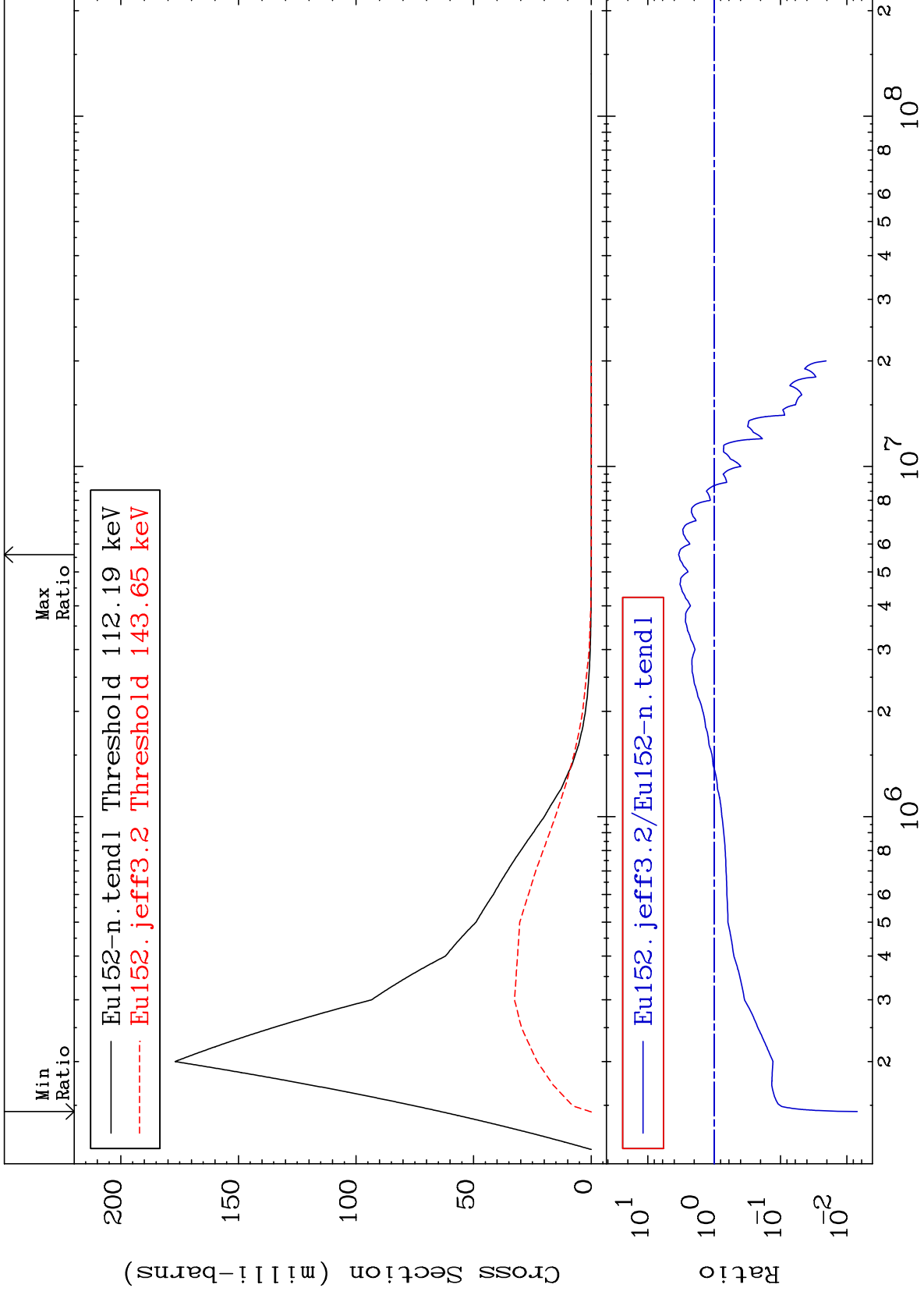
63-Eu-152  
-100.0 To 85.42 %



MAT 6328

111.4 keV (n,n') Level  
Cross Section

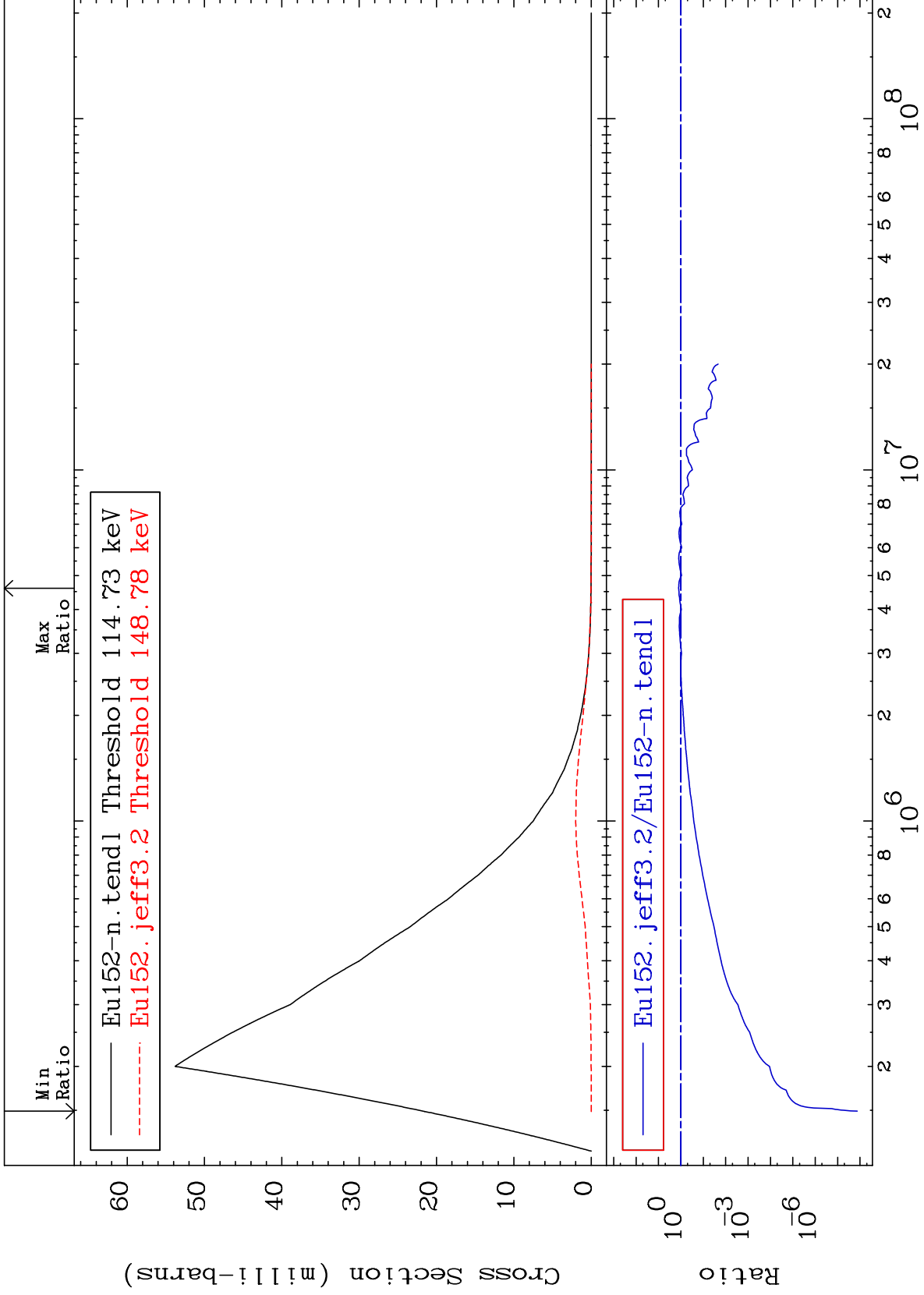
63-Eu-152  
-99.30 To 243.6 %



MAT 6328

114.0 keV (n,n') Level  
Cross Section

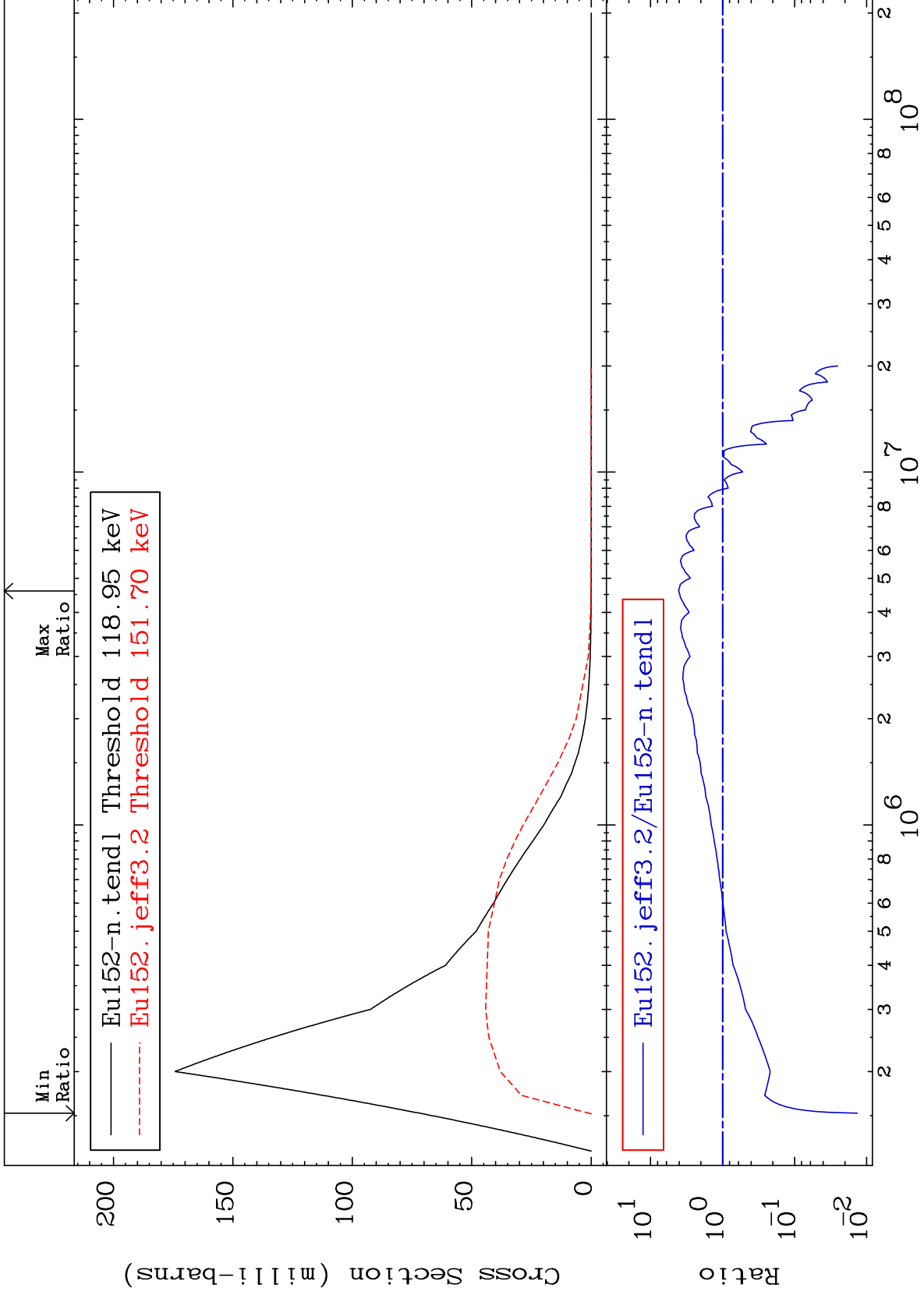
63-Eu-152  
-100.0 To 25.76 %



MAT 6328

118.2 keV (n,n') Level  
Cross Section

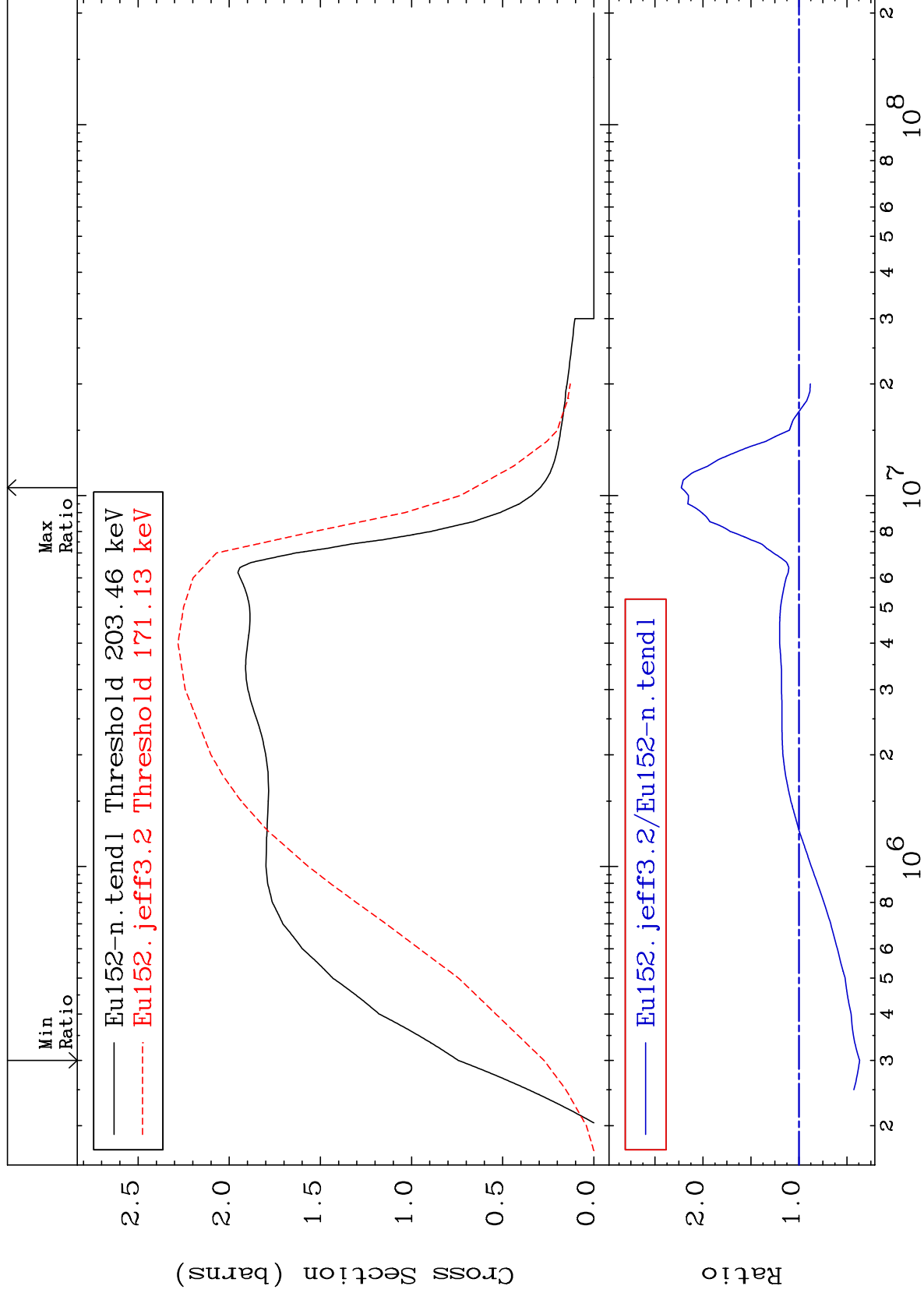
63-Eu-152  
-98.65 To 307.7 %



MAT 6328

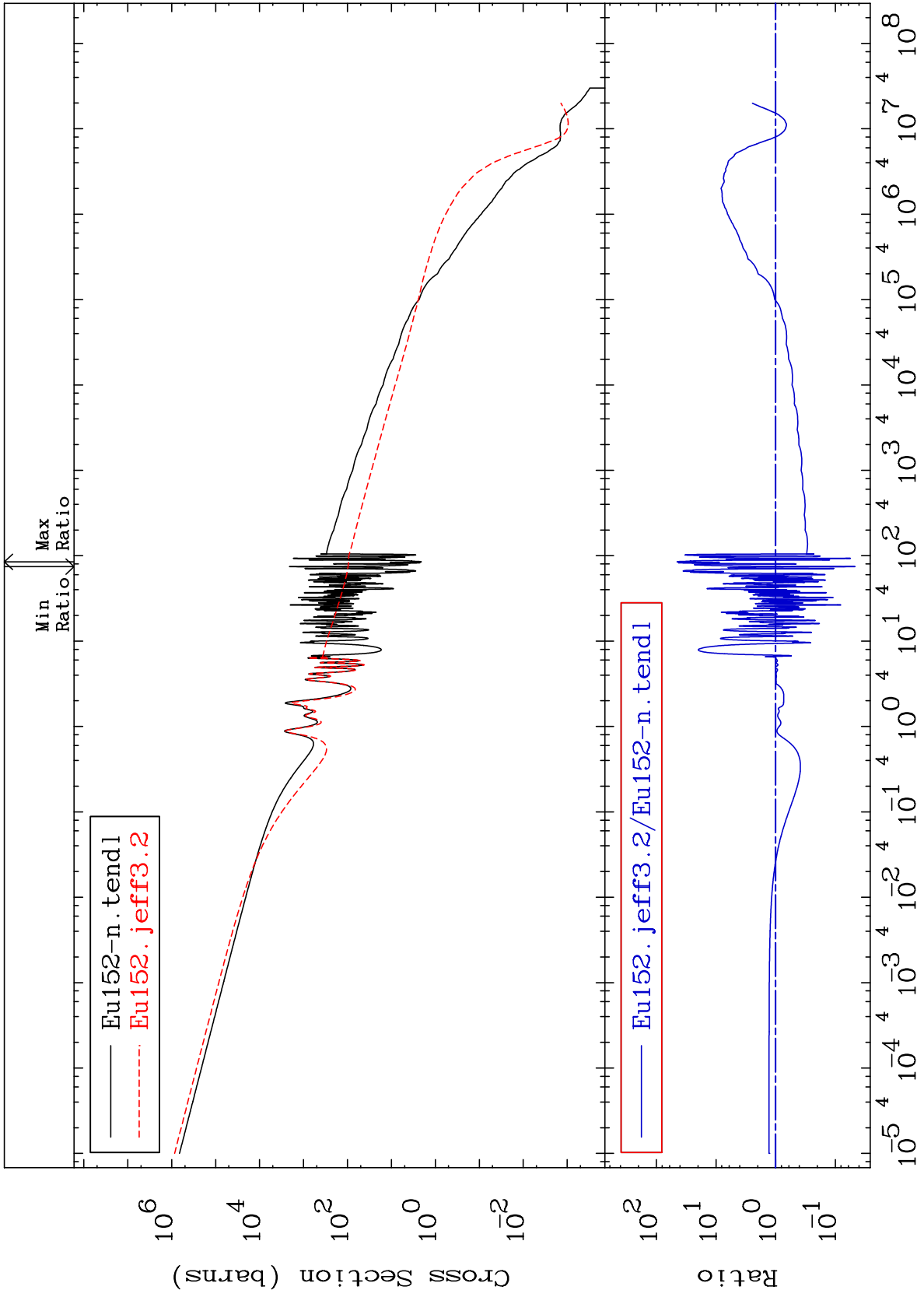
(n, n') Continuum  
Cross Section

63-Eu-152  
-63.28 To 122.6 %



MAT 6328

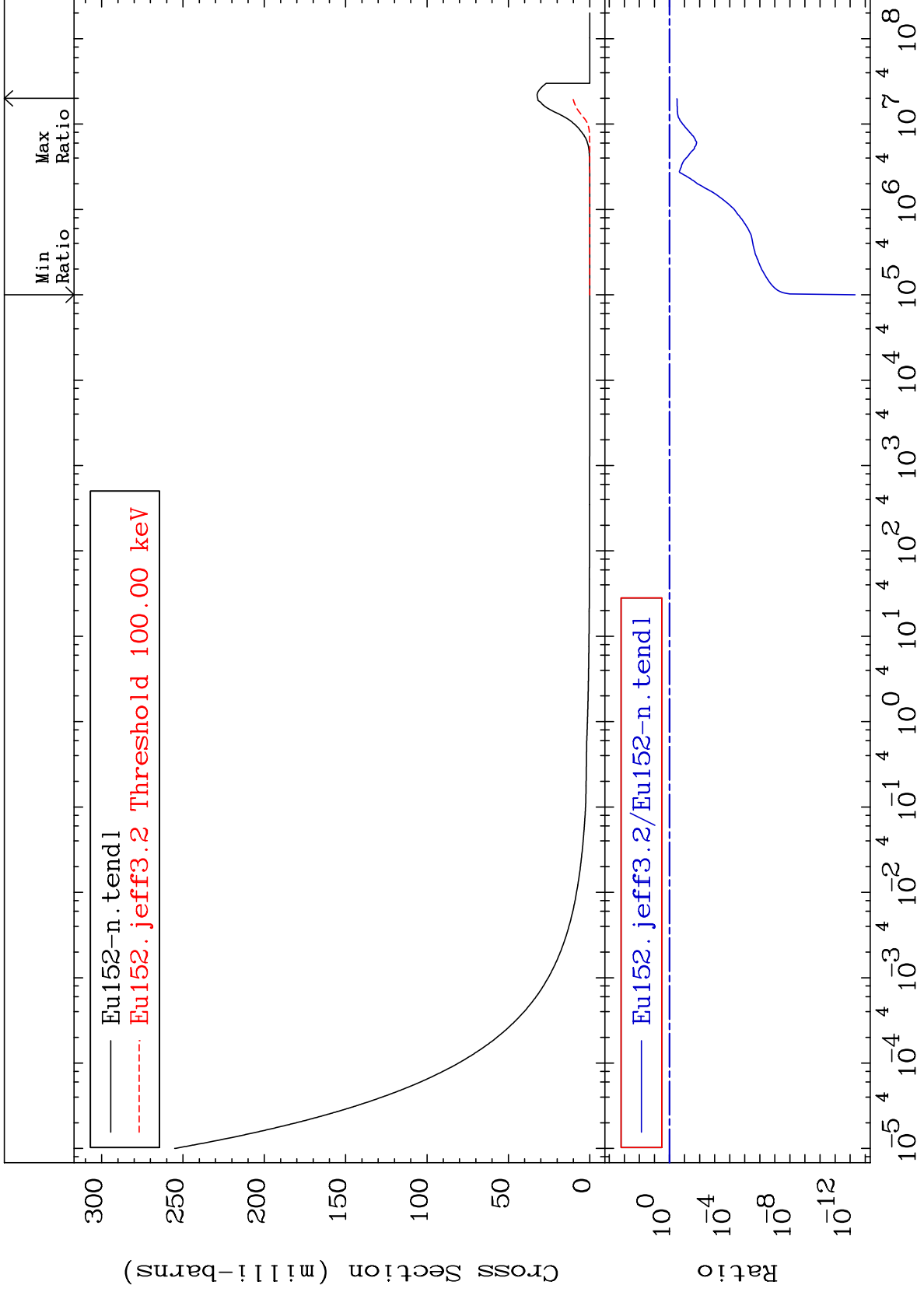
(n,  $\gamma$ )  
Cross Section  
63-Eu-152  
-95.34 To 4420. %



MAT 6328

(n,p)  
Cross Section

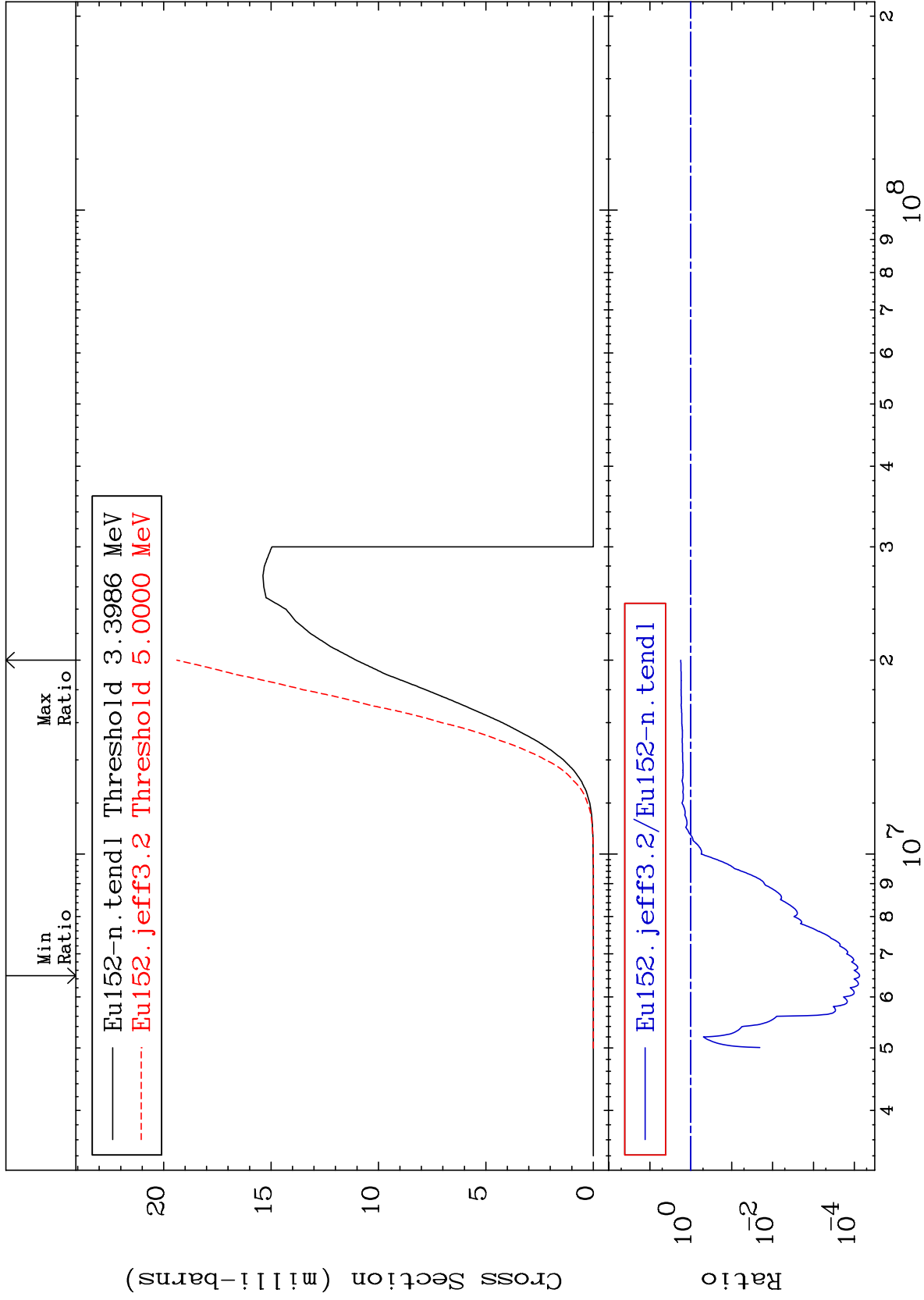
63-Eu-152  
-100.0 To -67.88%



MAT 6328

63-Eu-152

(n, d)  
Cross Section  
-99.99 To 75.71 %

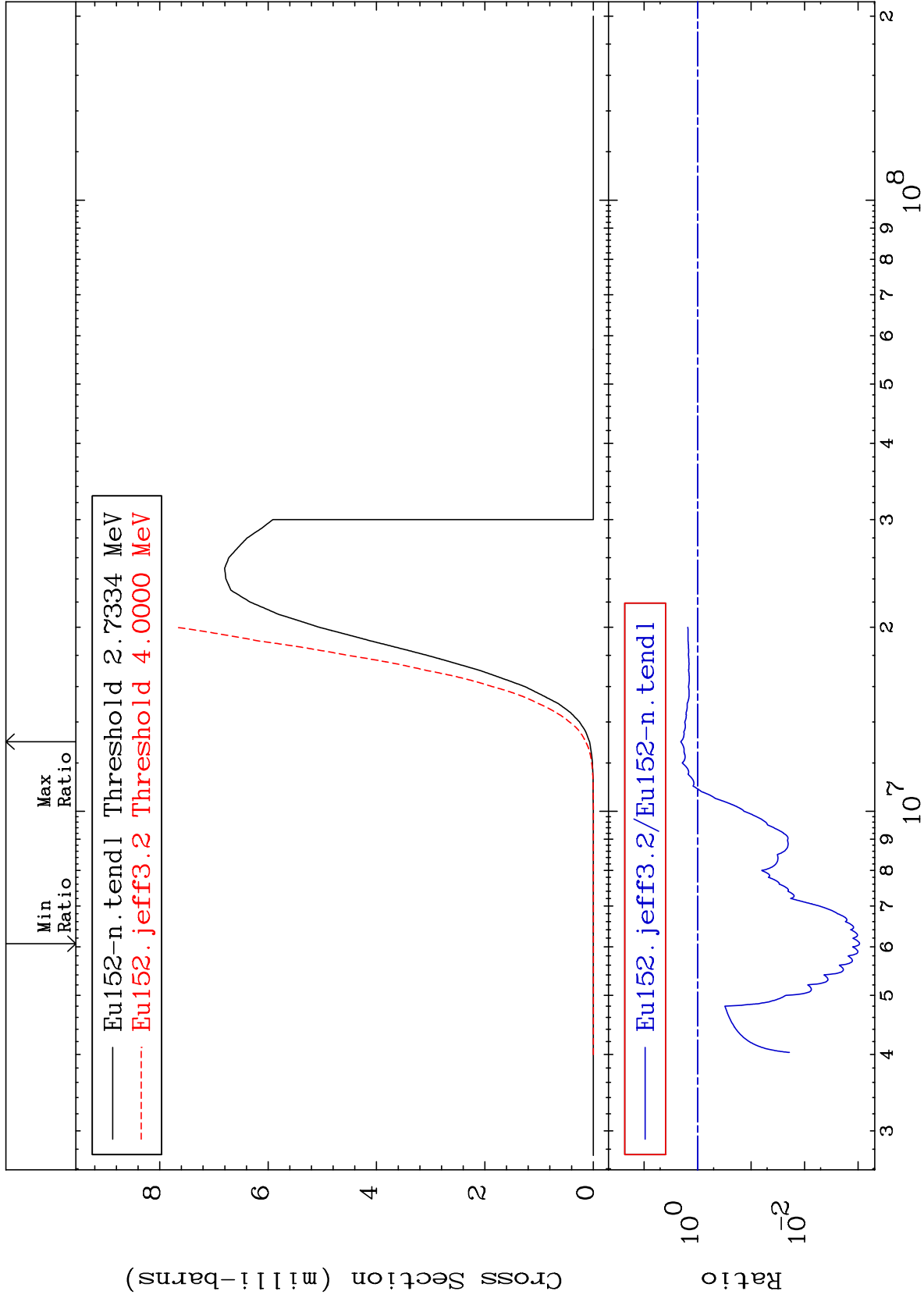




MAT 6328

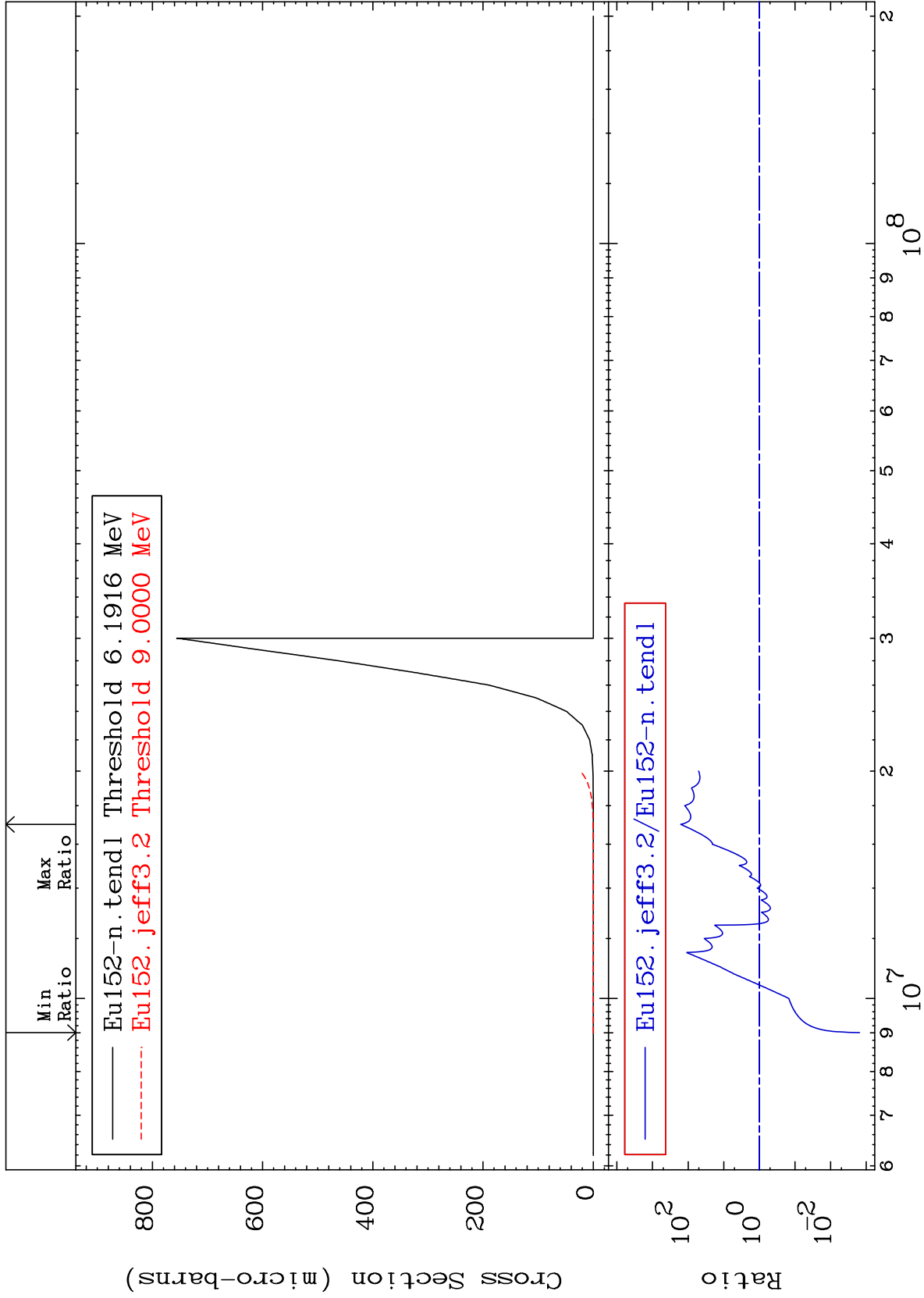
63-Eu-152

(n, t)  
Cross Section  
-99.91 To 106.0 %



Cross Section

-99.85 To 9999. %



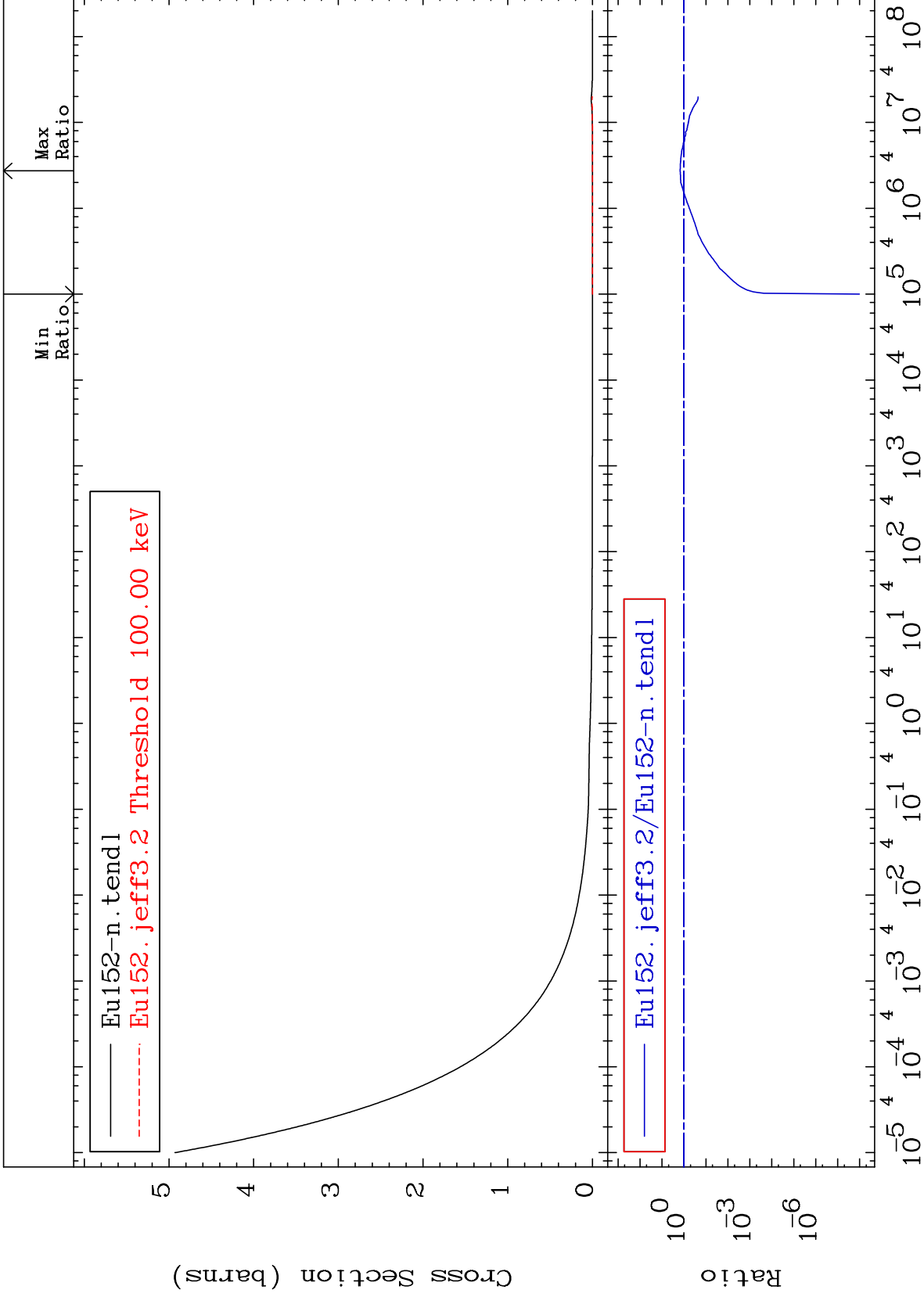
MAT 6328

(n,  $\alpha$ )

63-Eu-152

Cross Section

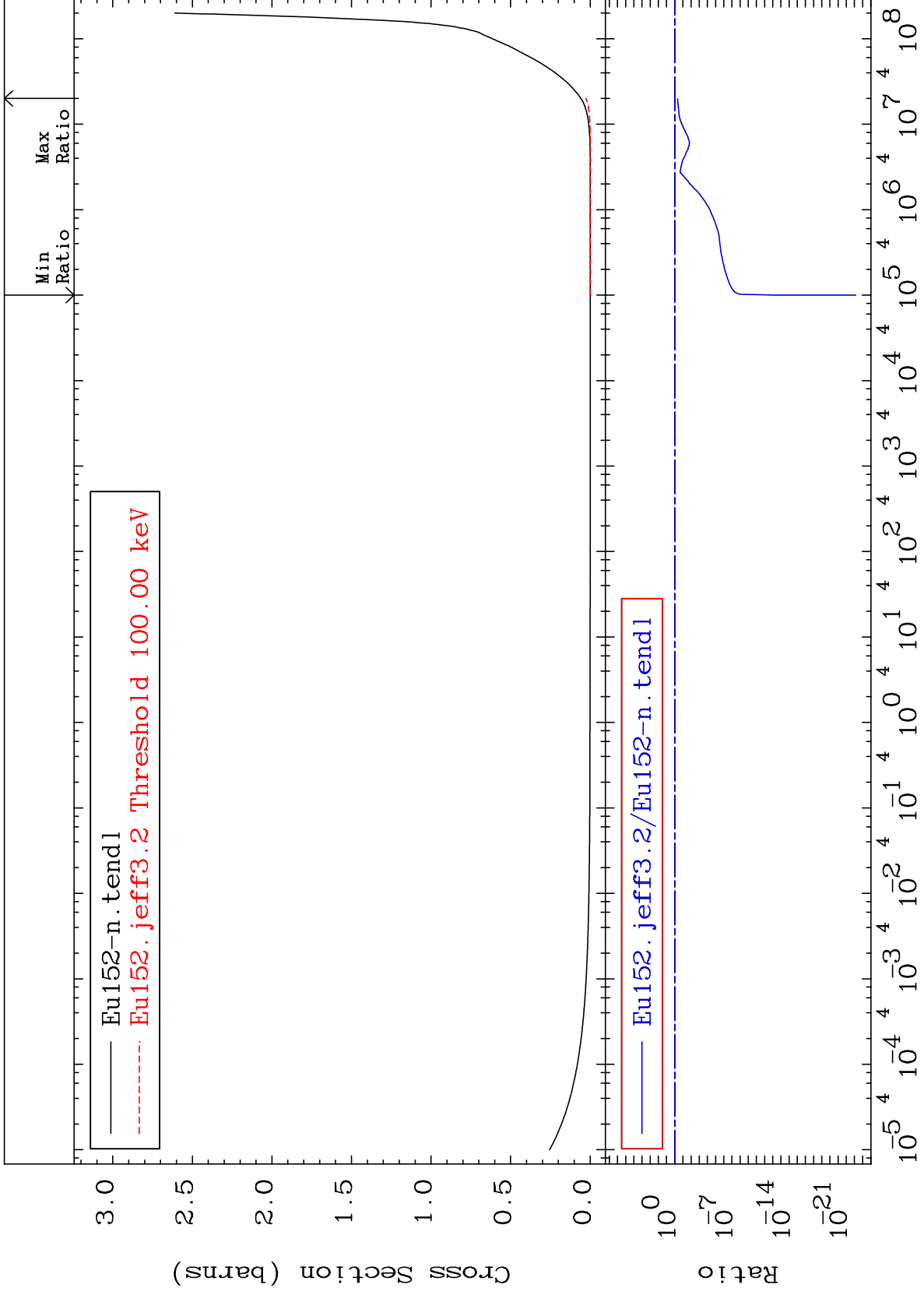
-100.0 To 48.51 %

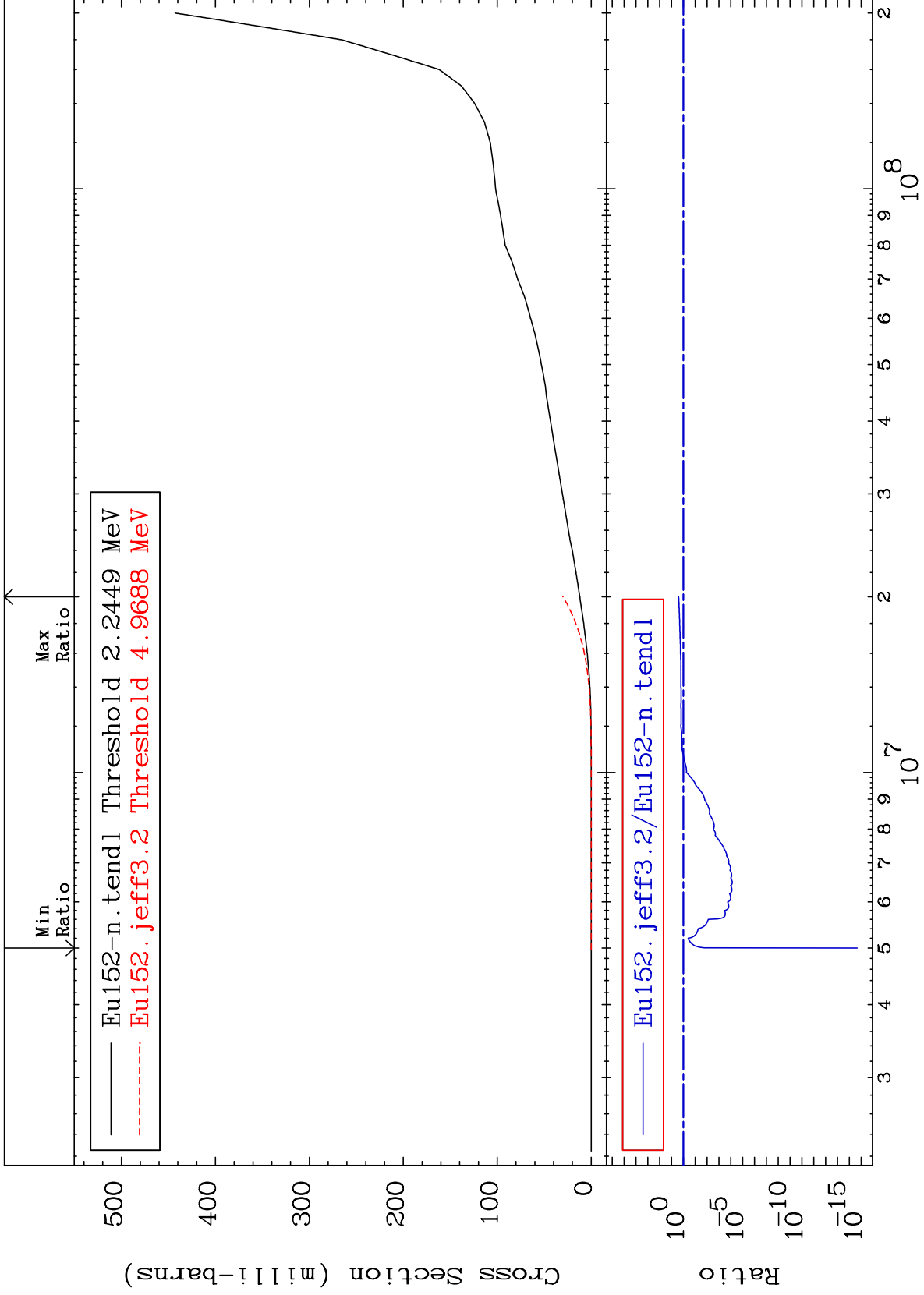


MAT 6328

### Hydrogen Production Cross Section

63-Eu-152  
-100.0 To -54.35%

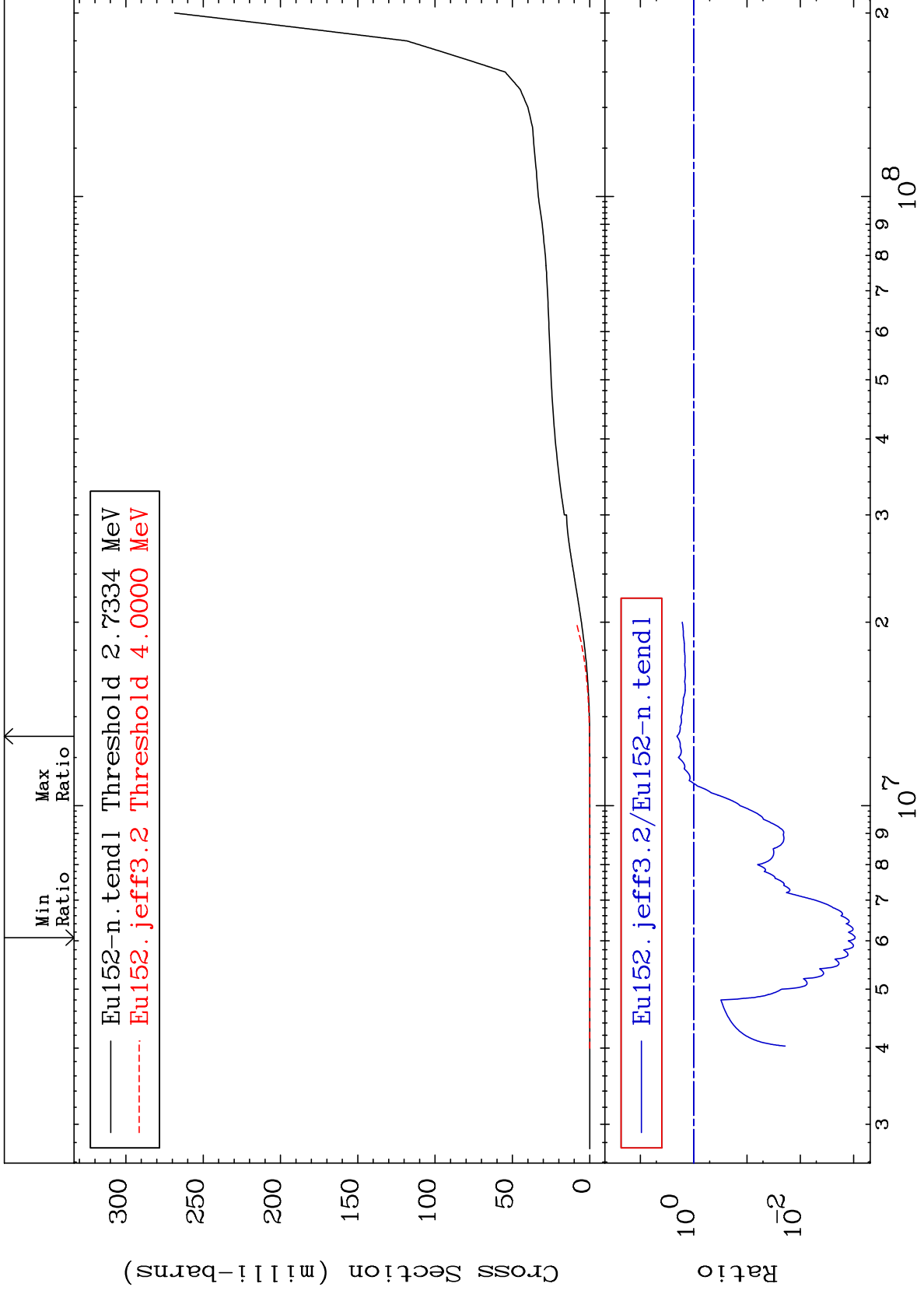




MAT 6328

Tritium Production  
Cross Section

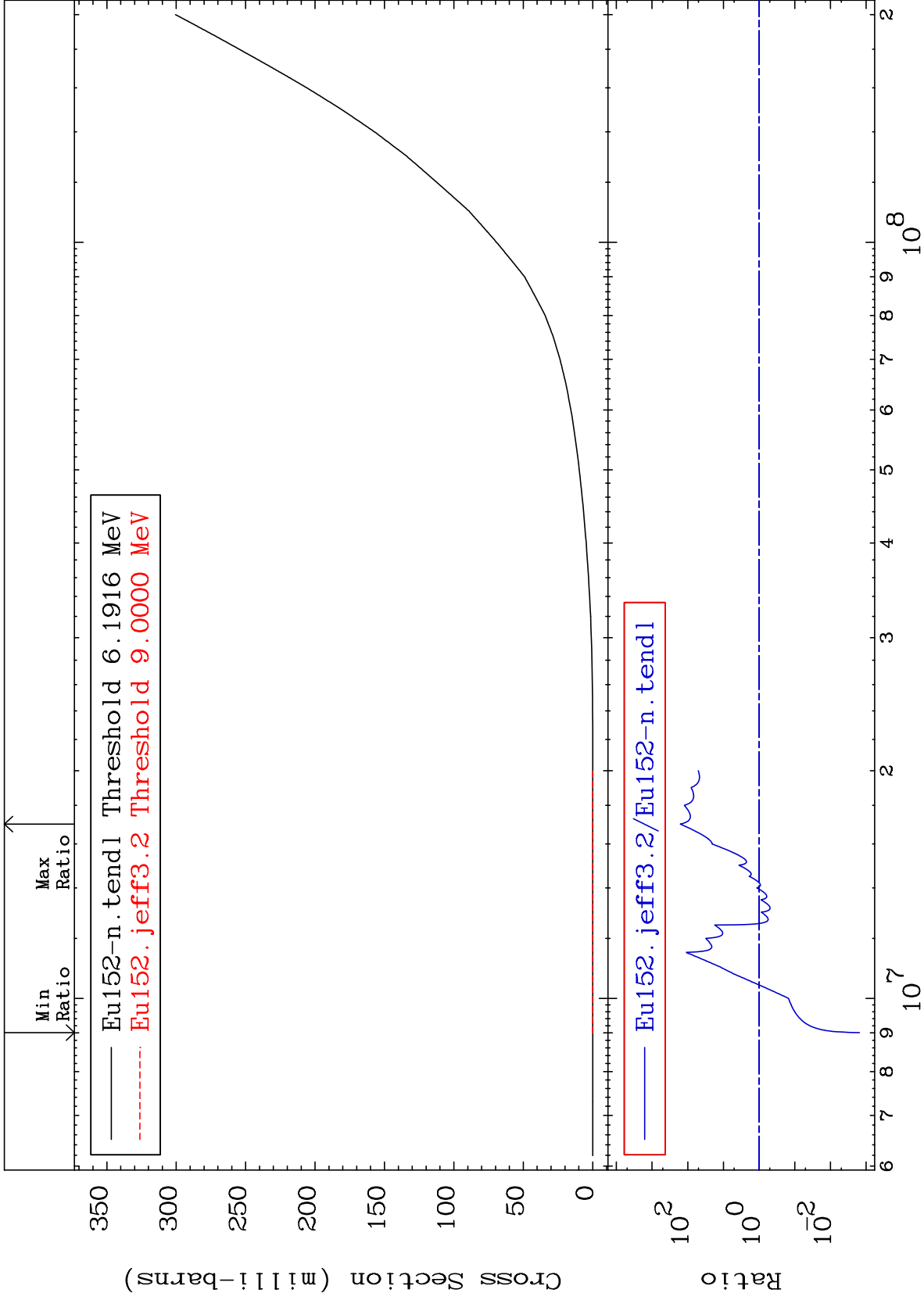
63-Eu-152  
-99.91 To 106.0 %



30

Incident Energy (eV)

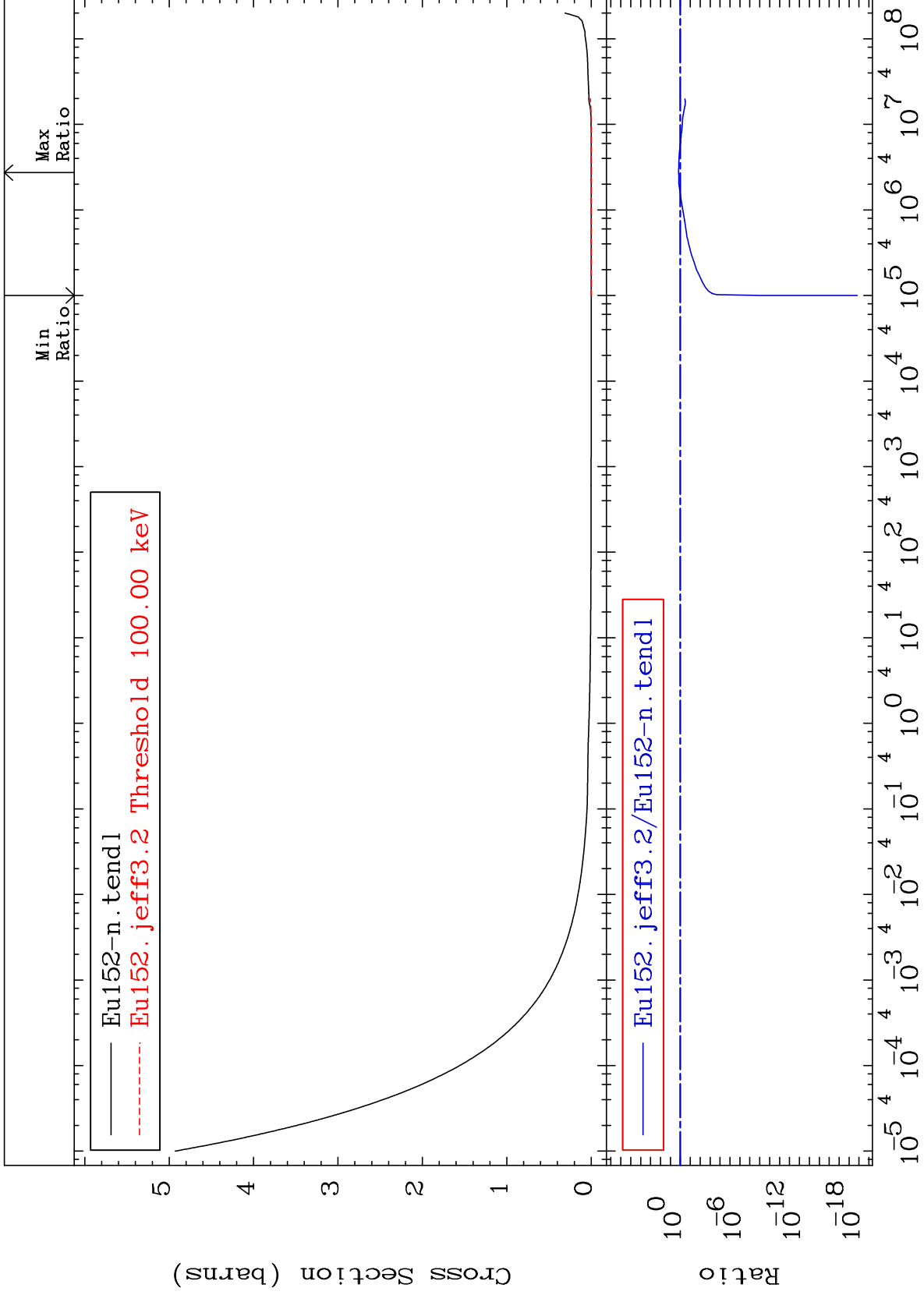
63-Eu-152



MAT 6328

He-4 Production  
Cross Section

63-Eu-152  
-100.0 To 48.51 %





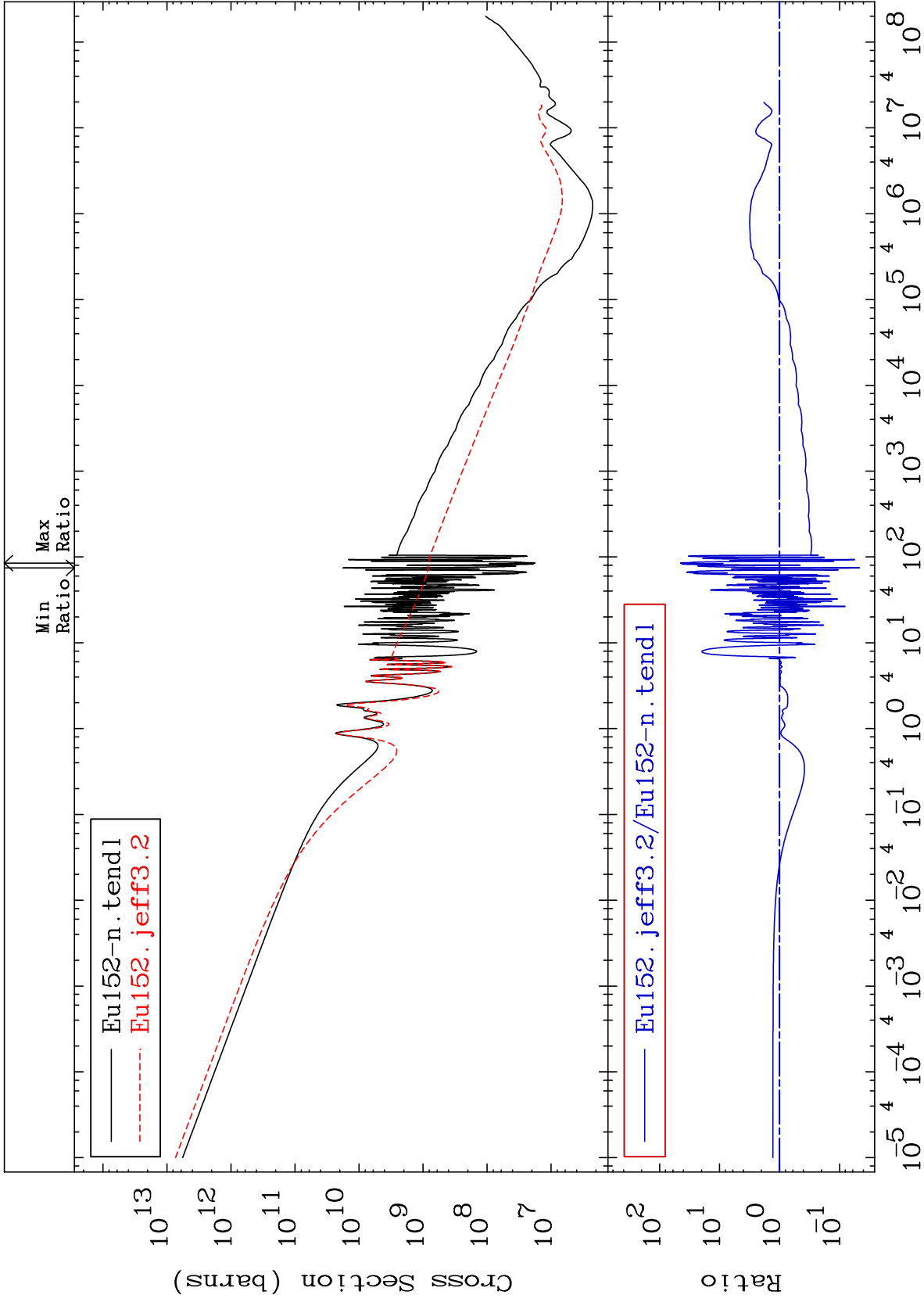
MAT 6328

Kerma total (eV-barns)

63-Eu-152

Cross Section

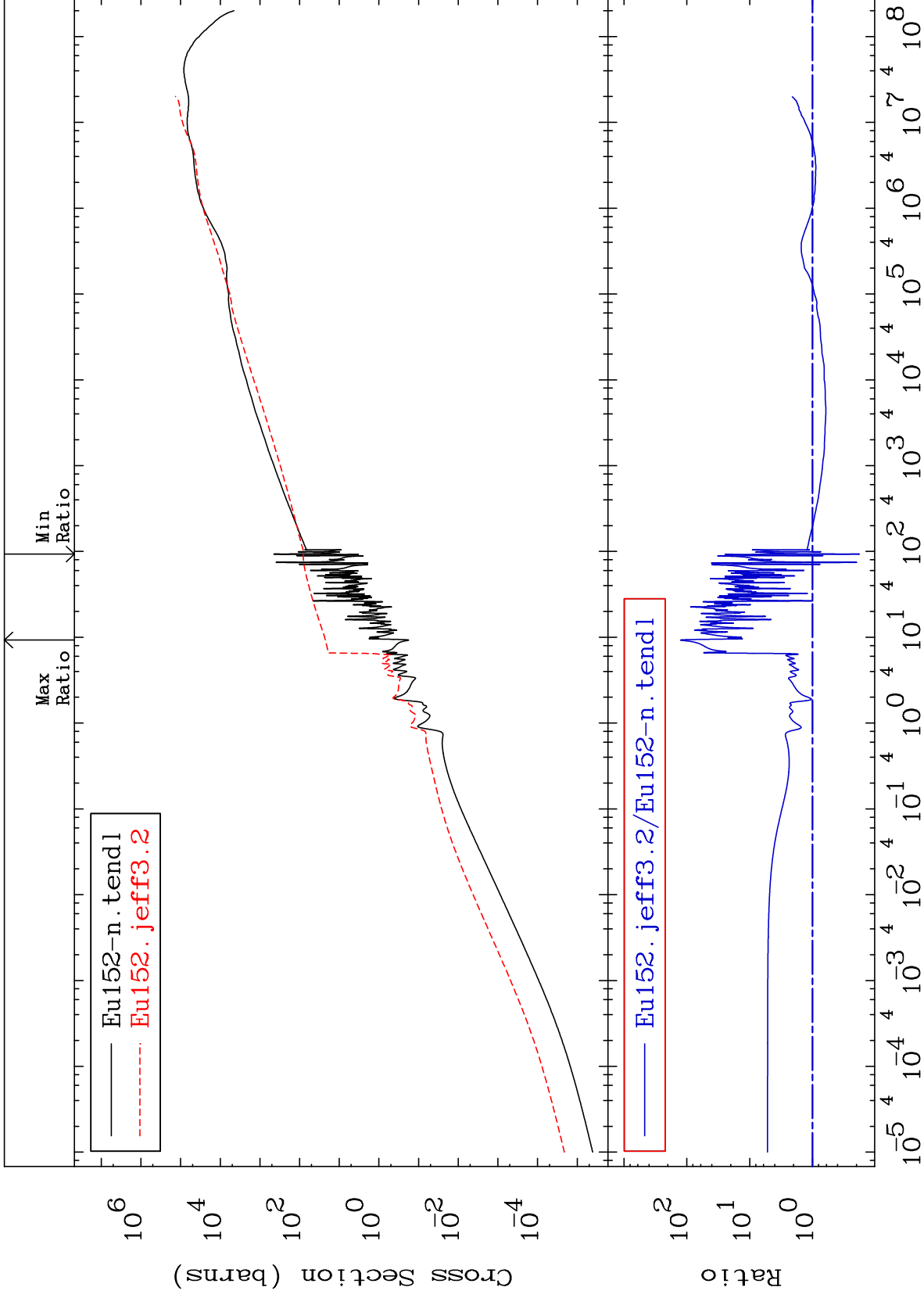
-95.34 To 4414. %



MAT 6328

Kerma elastic  
Cross Section

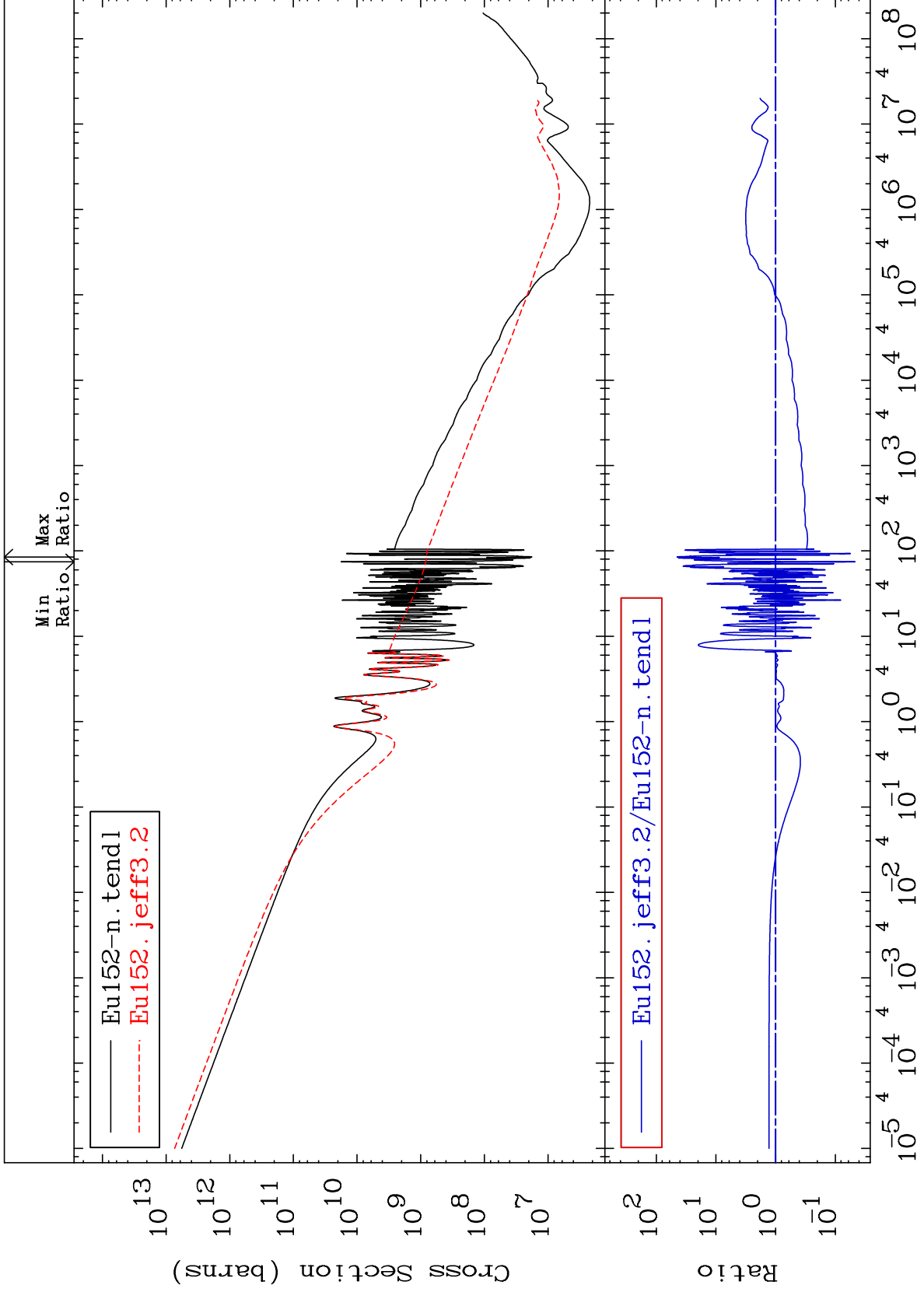
63-Eu-152  
-82.06 To 9999. %



MAT 6328

Kerma non-elastic (all but mt2)  
Cross Section

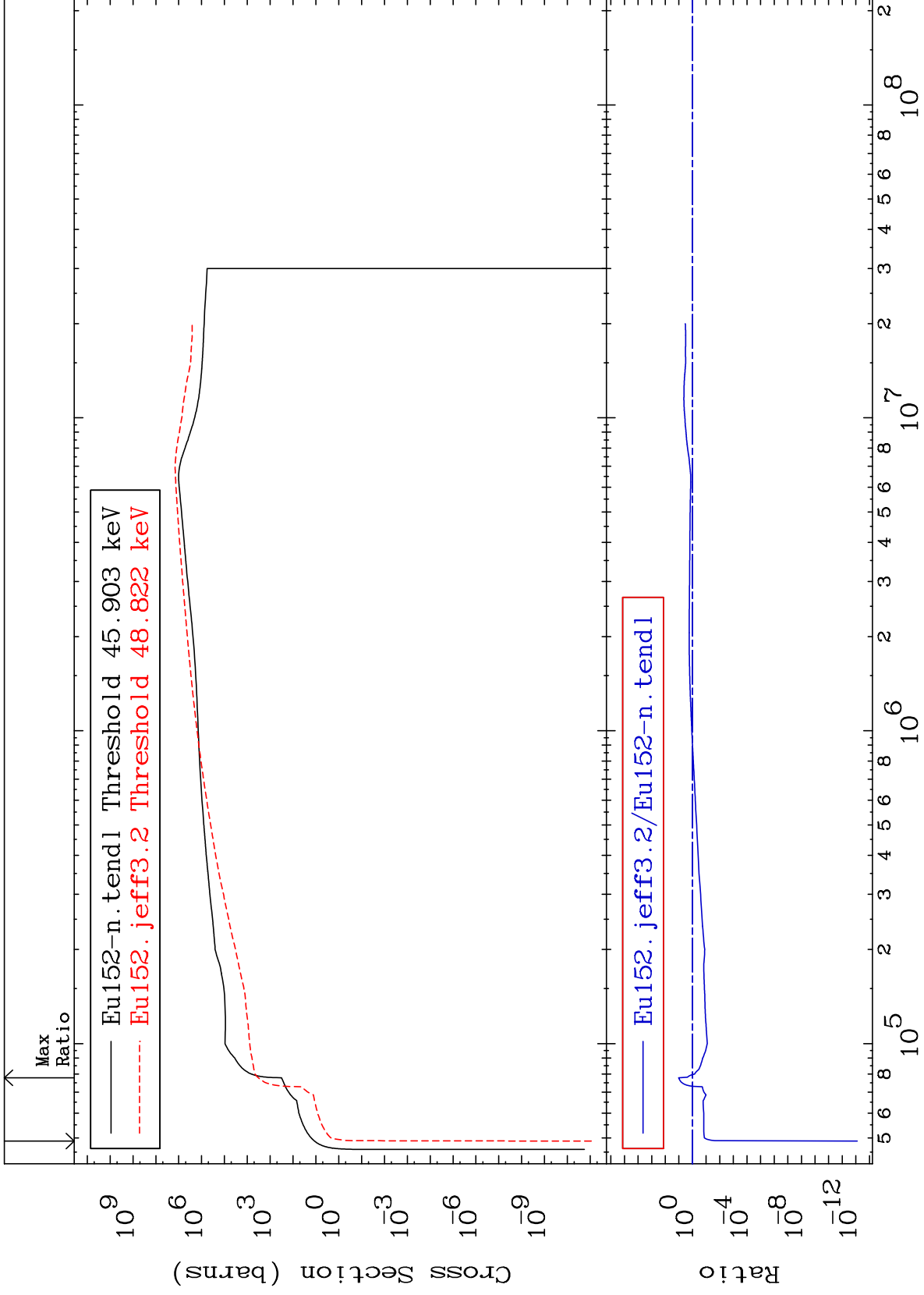
63-Eu-152  
-95.34 To 4414. %



MAT 6328

Kerma inelastic (mt51-91)  
Cross Section

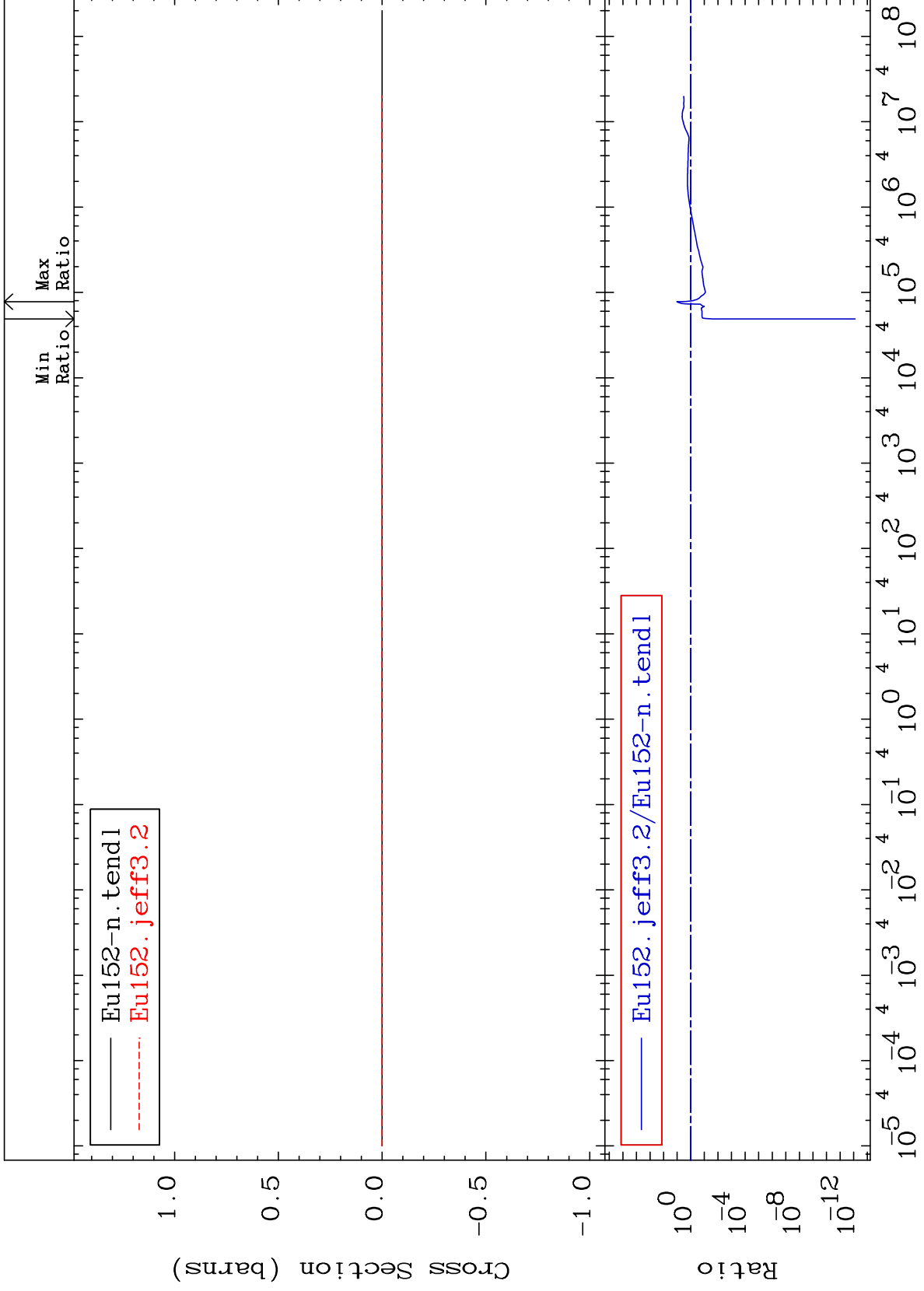
63-Eu-152  
-100.0 To 945.8 %

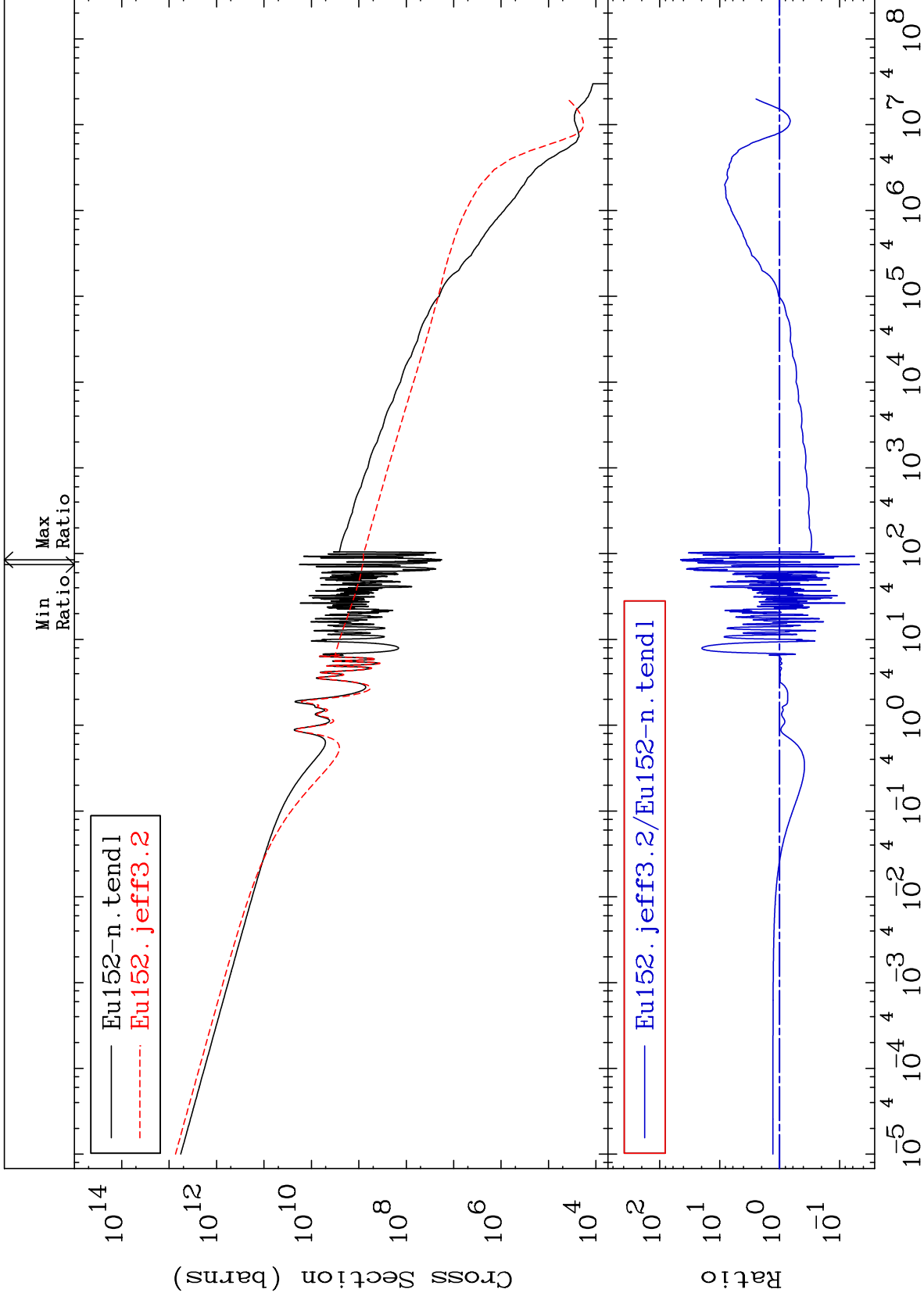


MAT 6328

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

63-Eu-152  
-100.0 To 945.8 %





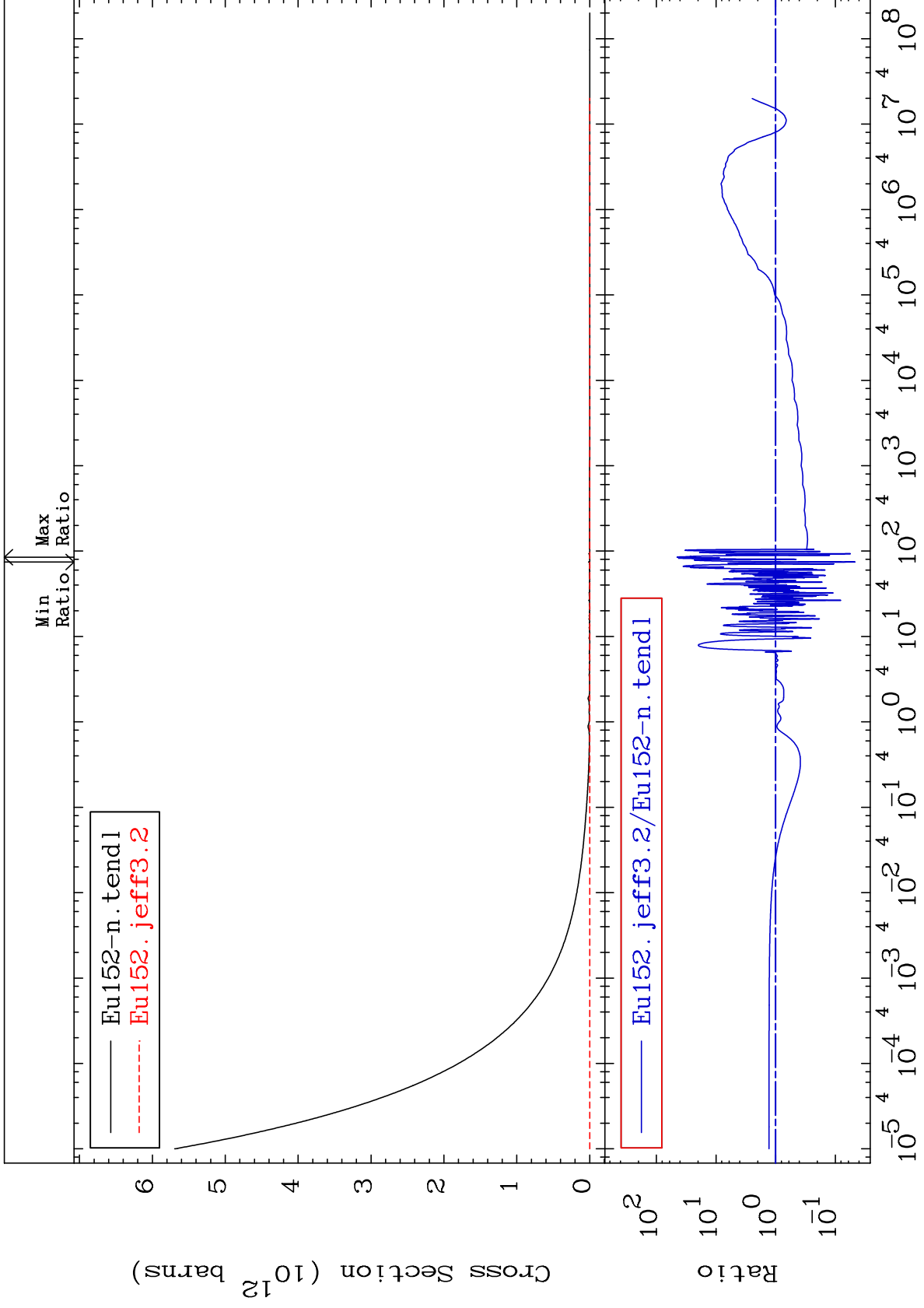
MAT 6328

Total photon (eV-barns)

63-Eu-152

Cross Section

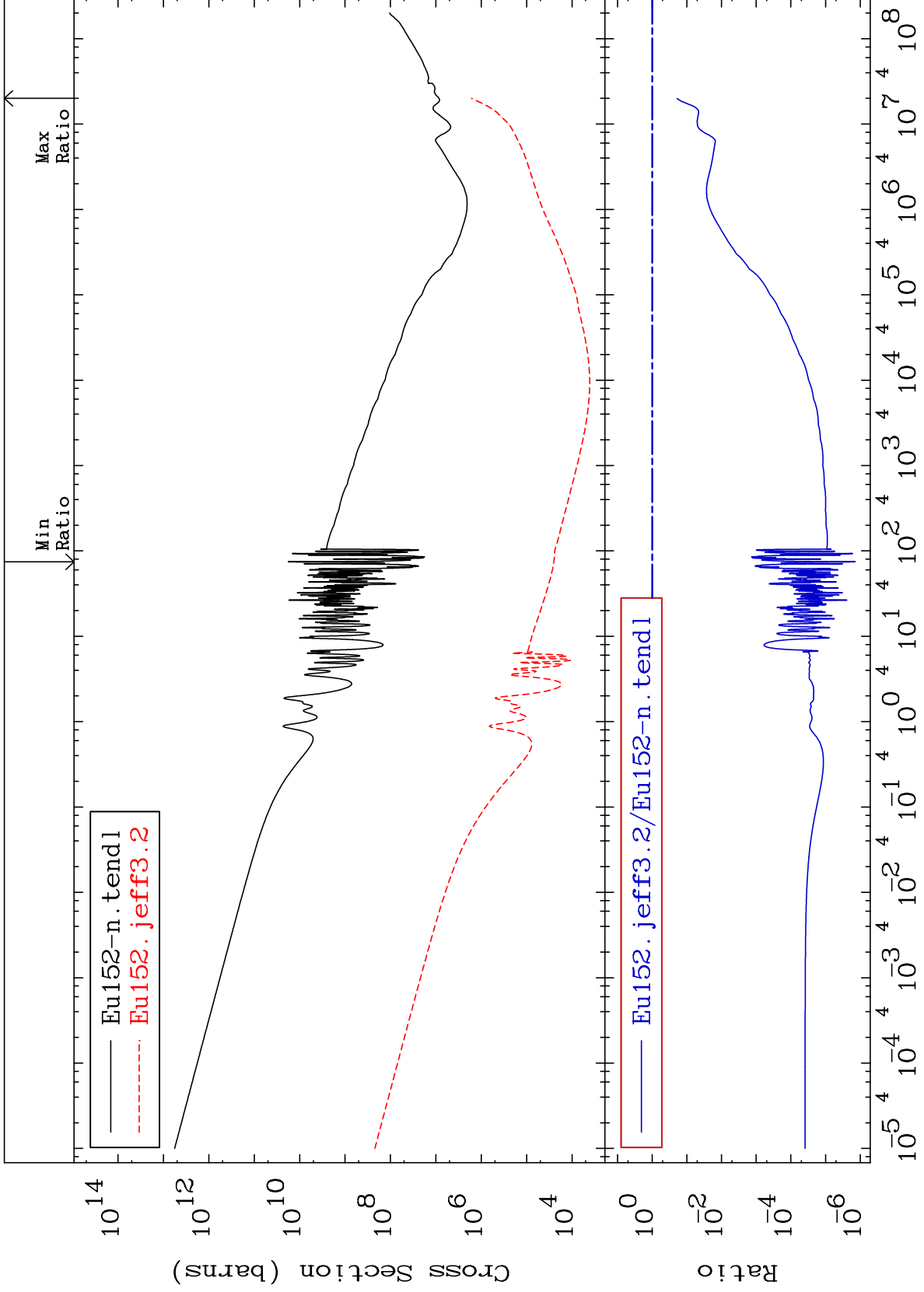
-95.34 To 4420. %



MAT 6328

Total kinematic kerma (high limit)  
Cross Section

63-Eu-152  
-100.0 To -80.72%



Incident Energy (eV)

63-Eu-152

40



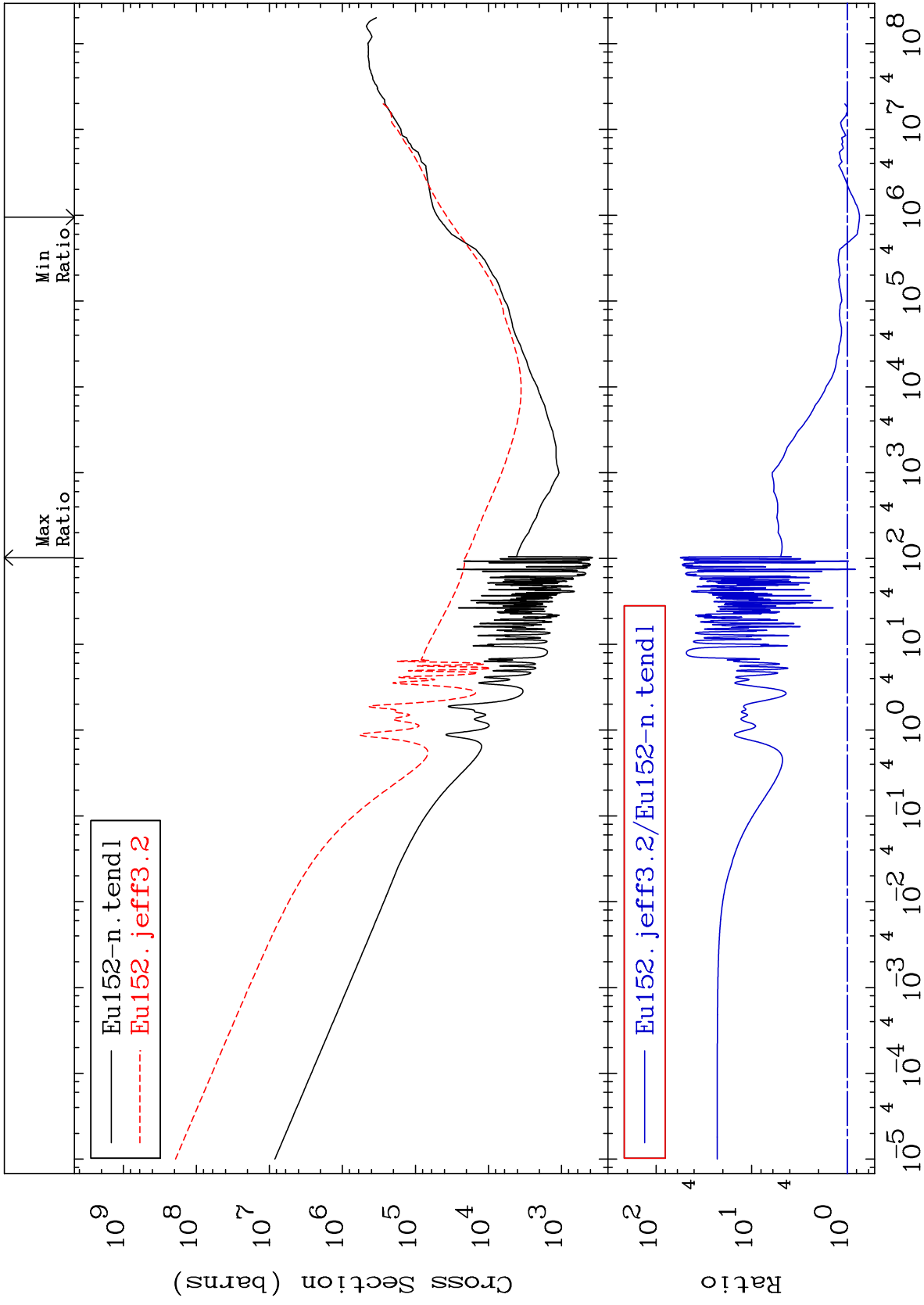
MAT 6328

Dpa total (eV-barns)

63-Eu-152

-25.33 To 5476. %

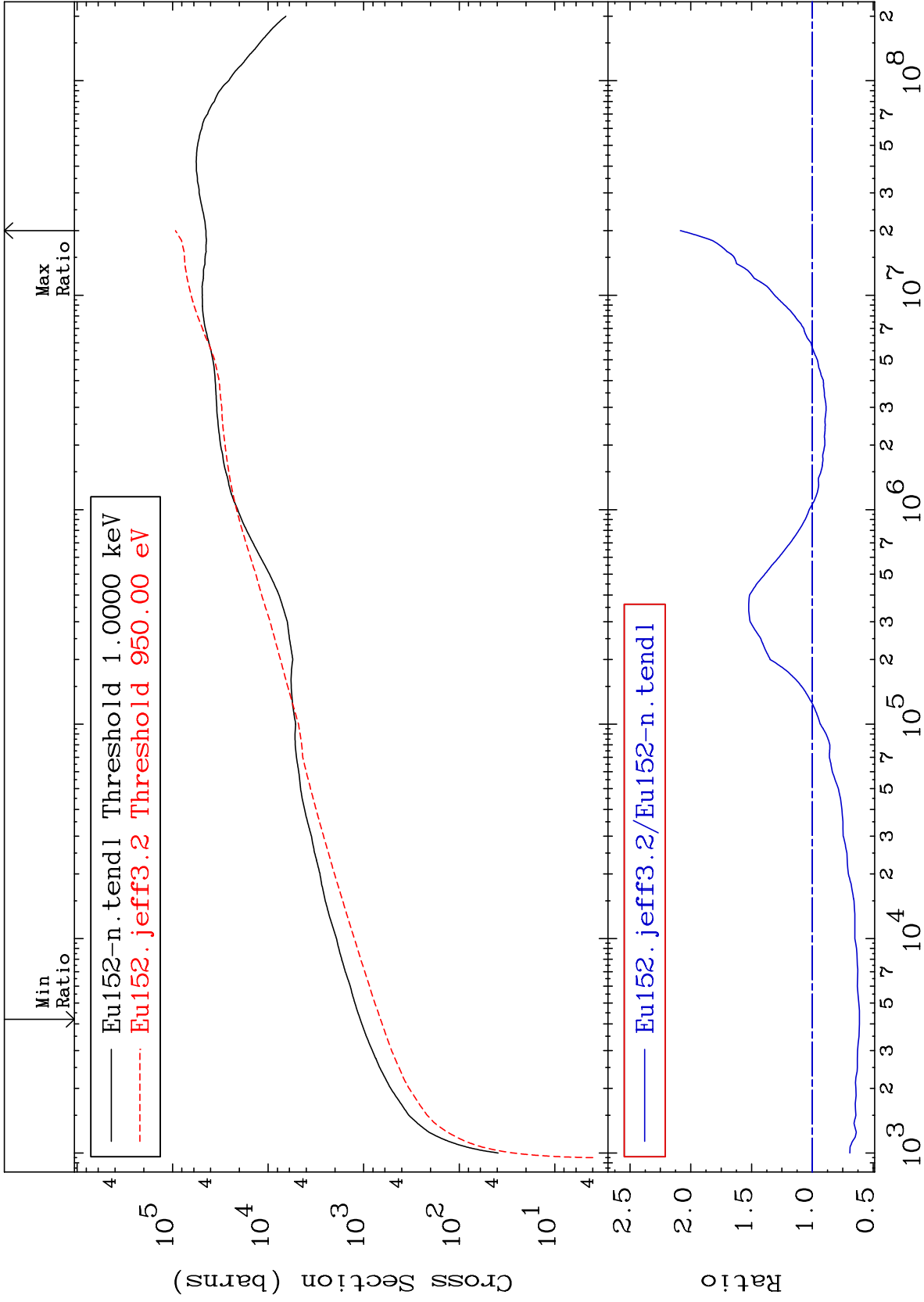
Cross Section



MAT 6328

Dpa elastic (mt2)  
Cross Section

63-Eu-152  
-38.73 To 108.6 %



Incident Energy (eV)

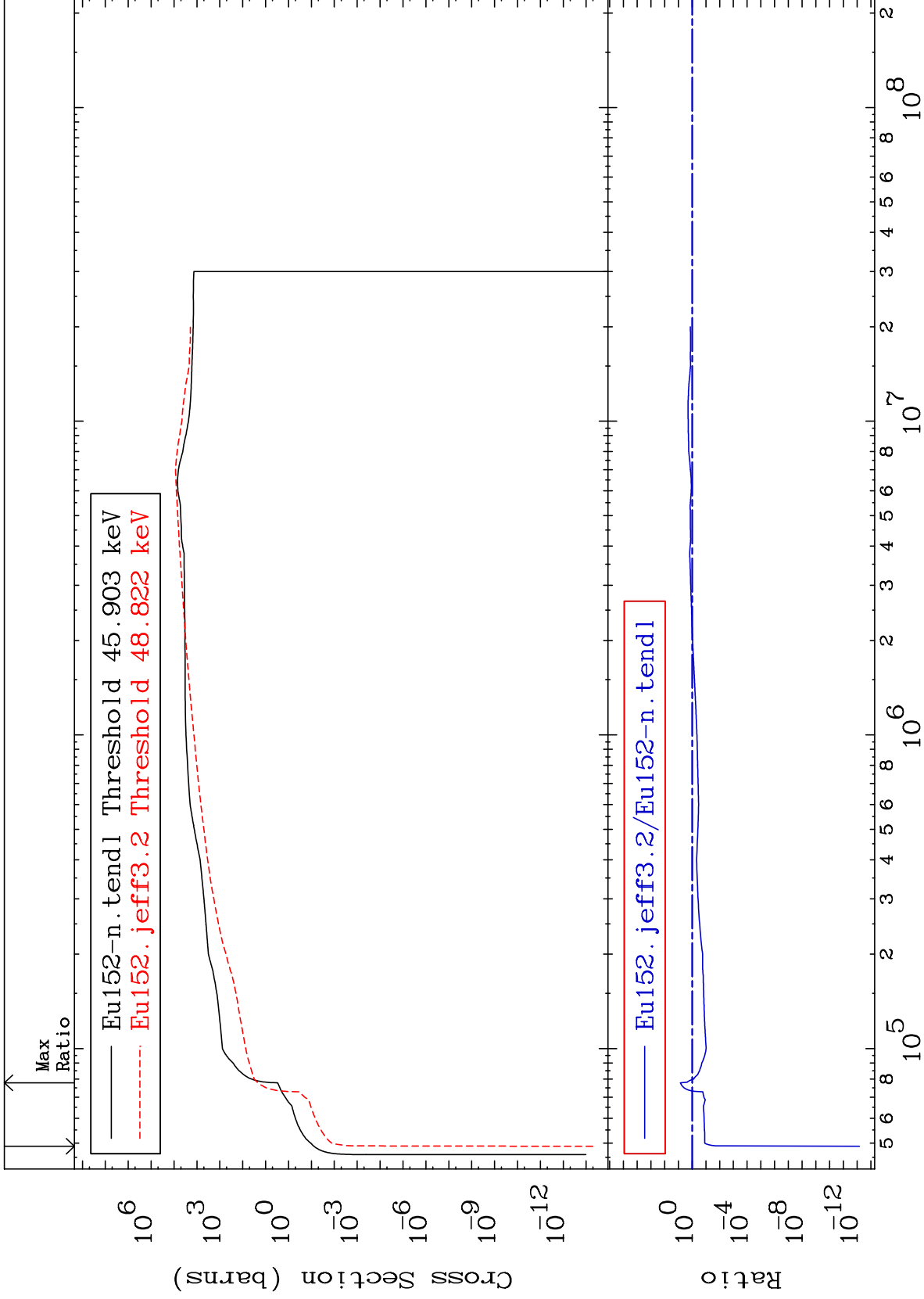
63-Eu-152

42

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  
-69.57 To 9999. %

