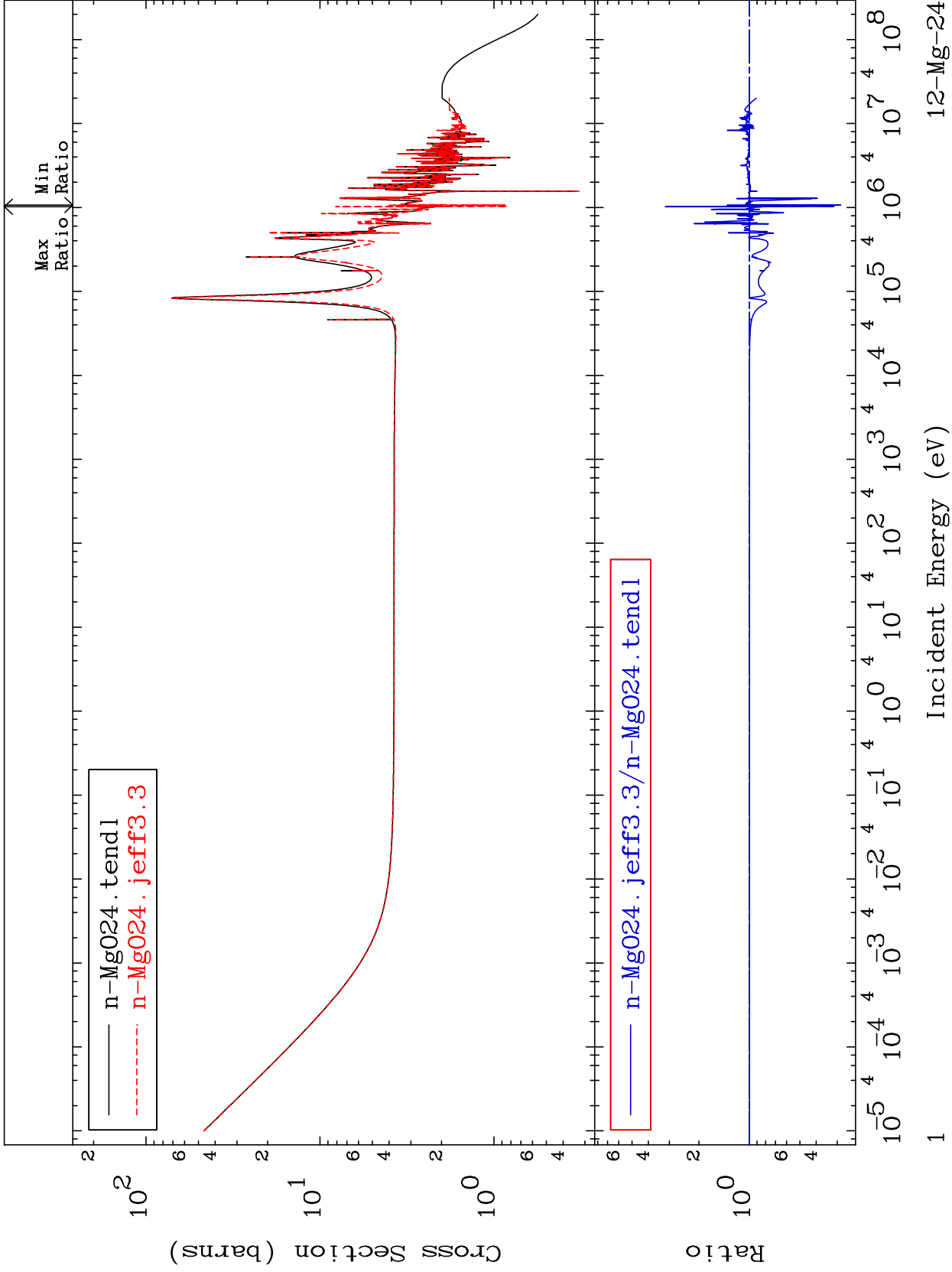


MAT 1225

Total  
Cross Section

12-Mg-24  
-71.40 To 216.2 %



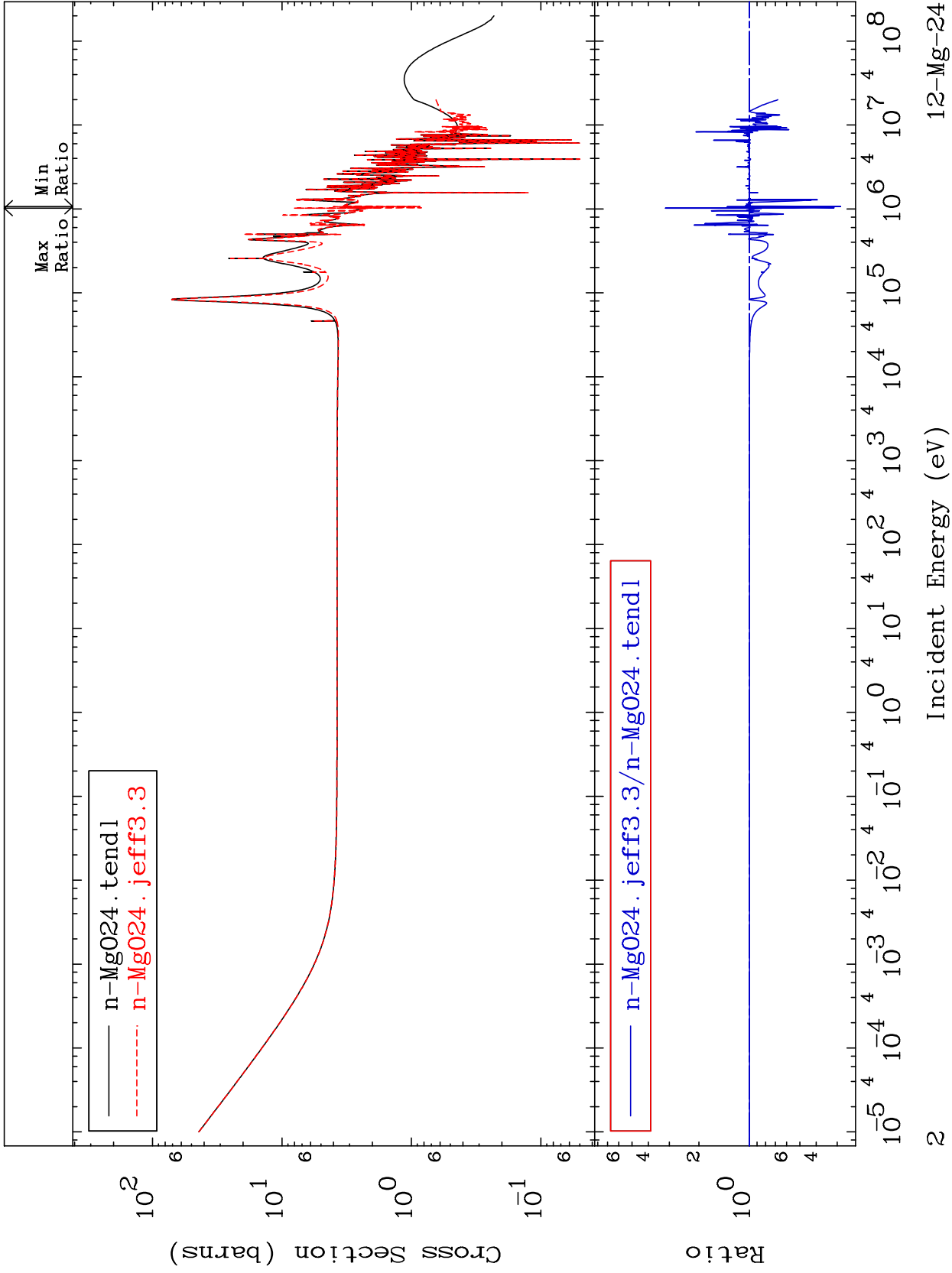
Incident Energy (eV)

12-Mg-24

MAT 1225

Elastic  
Cross Section

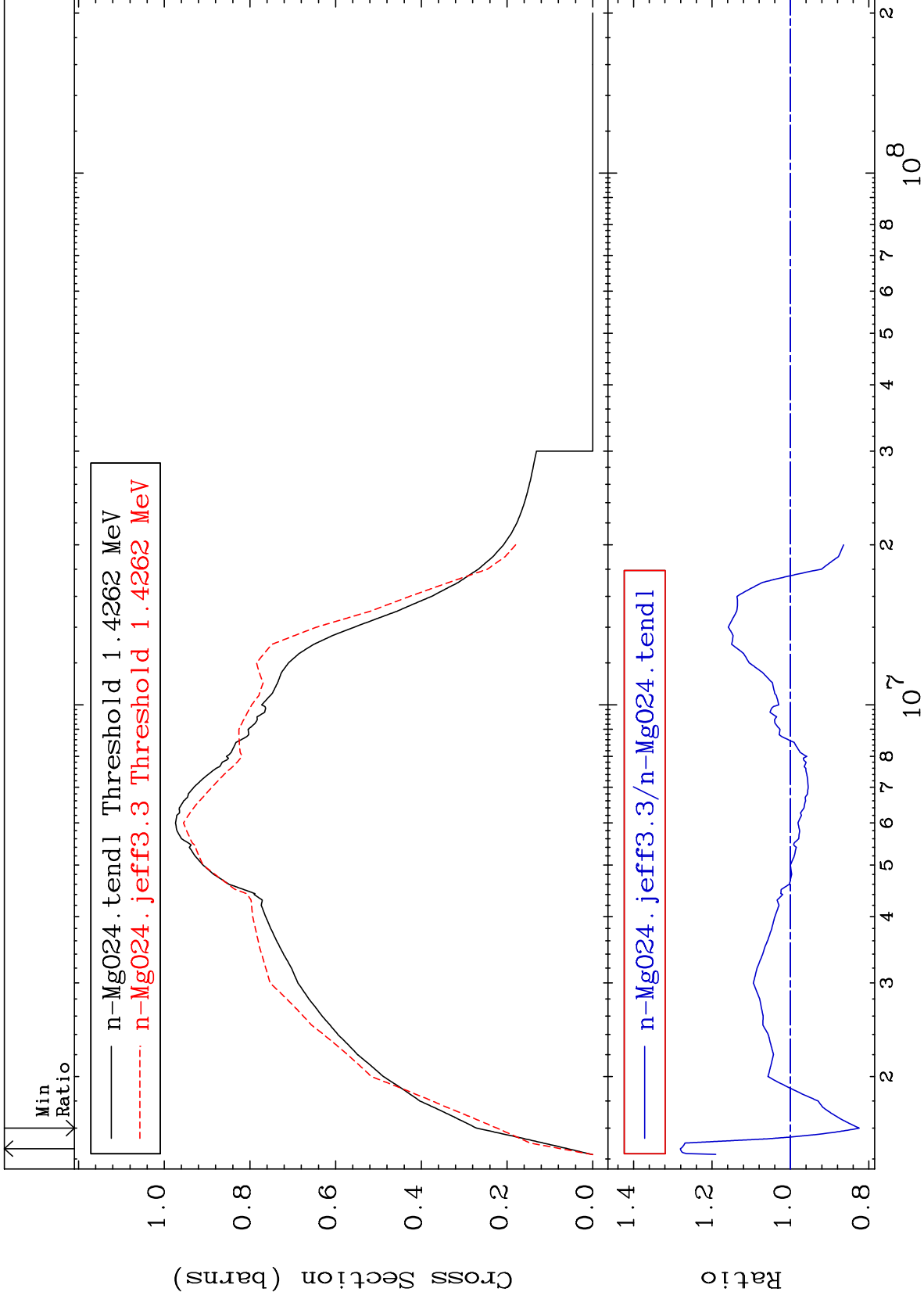
12-Mg-24  
-71.41 To 216.2 %



MAT 1225

Inelastic  
Cross Section

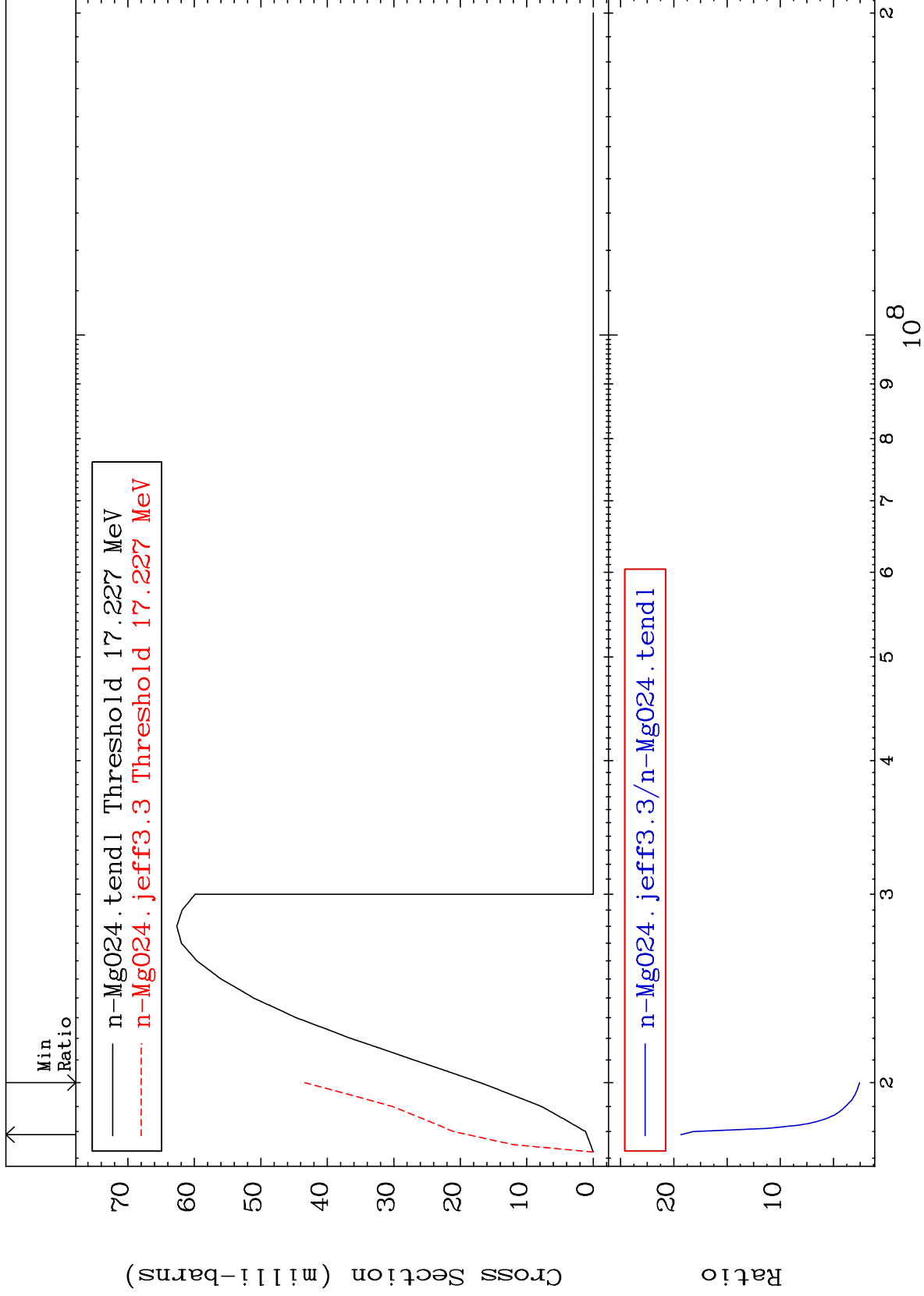
12-Mg-24  
-17.60 To 28.08 %



MAT 1225

(n,2n)  
Cross Section

12-Mg-24  
155.1 To 1835. %



4

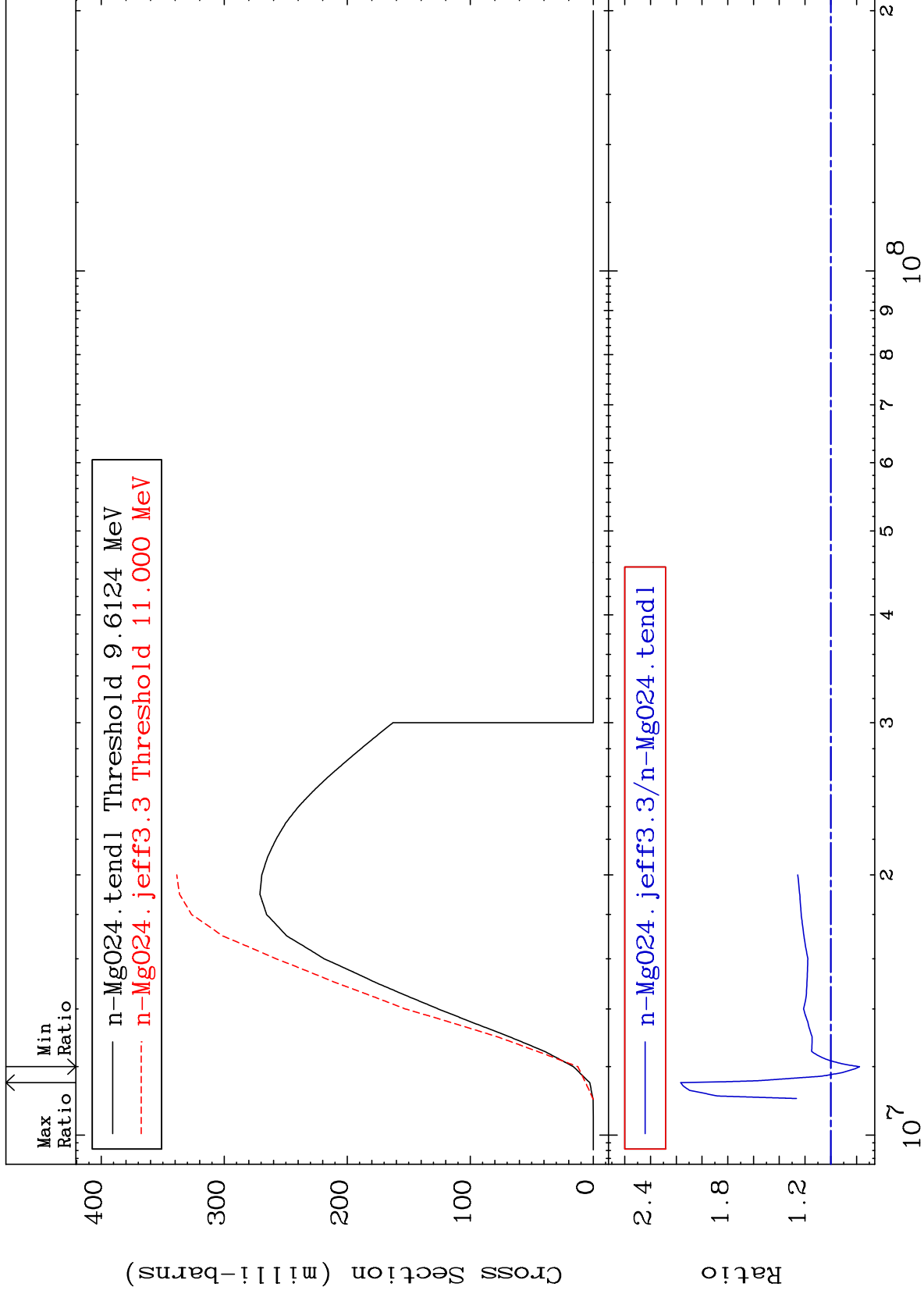
12-Mg-24

12-Mg-24

MAT 1225

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

12-Mg-24  
-22.33 To 116.5 %



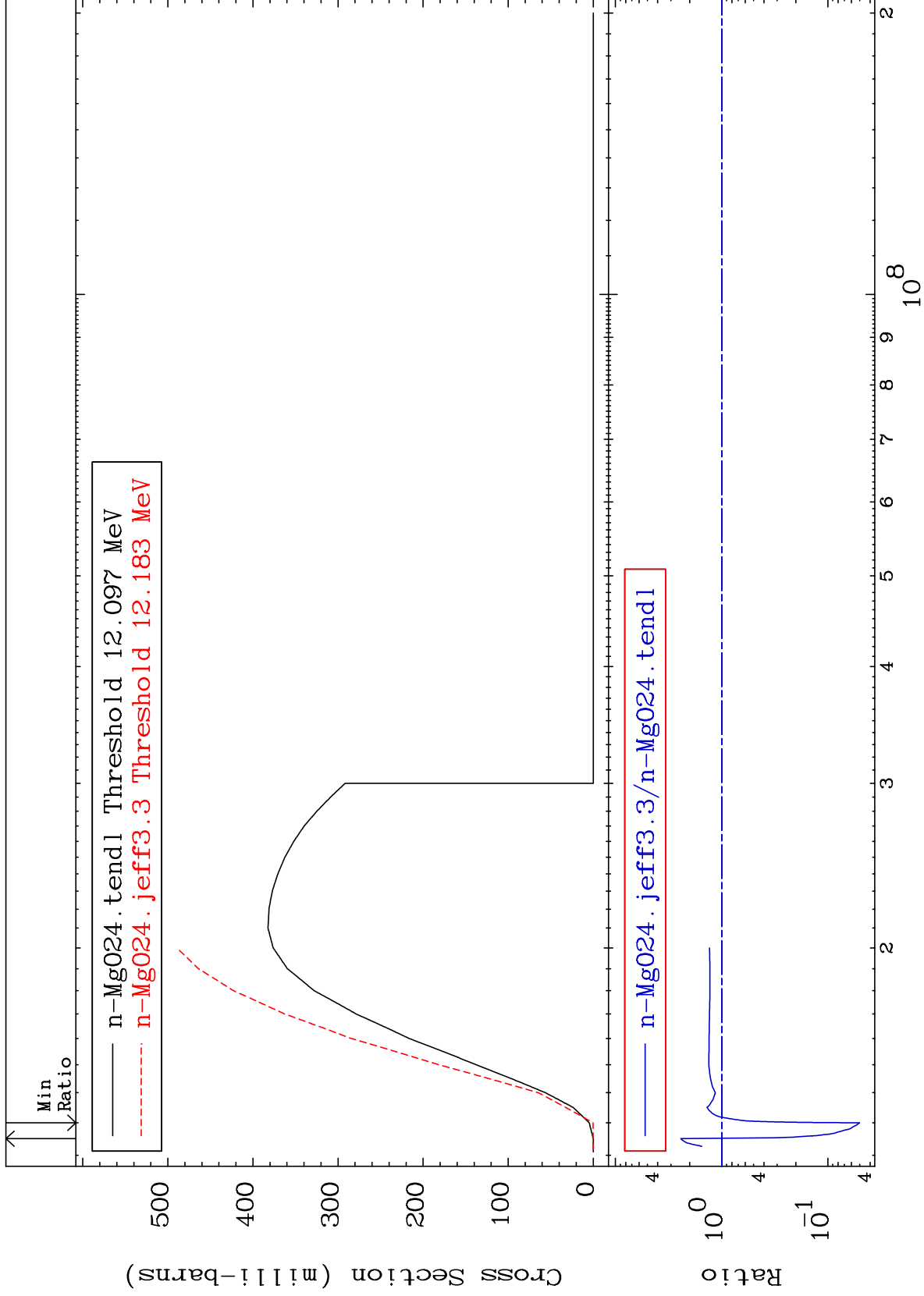
12-Mg-24

Incident Energy (eV)

MAT 1225

(n,n') p  
Cross Section

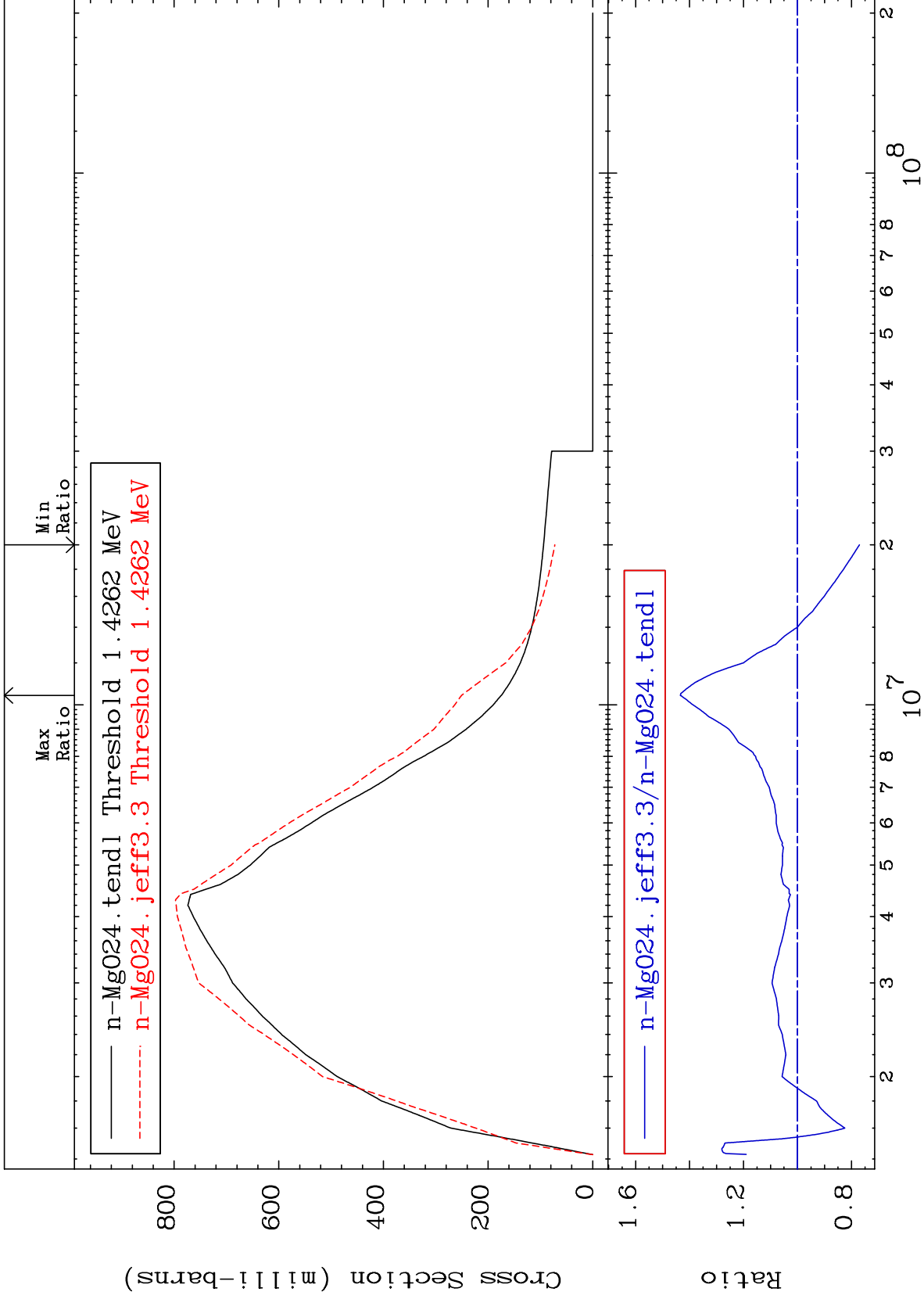
12-Mg-24  
-94.97 To 142.6 %



MAT 1225

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

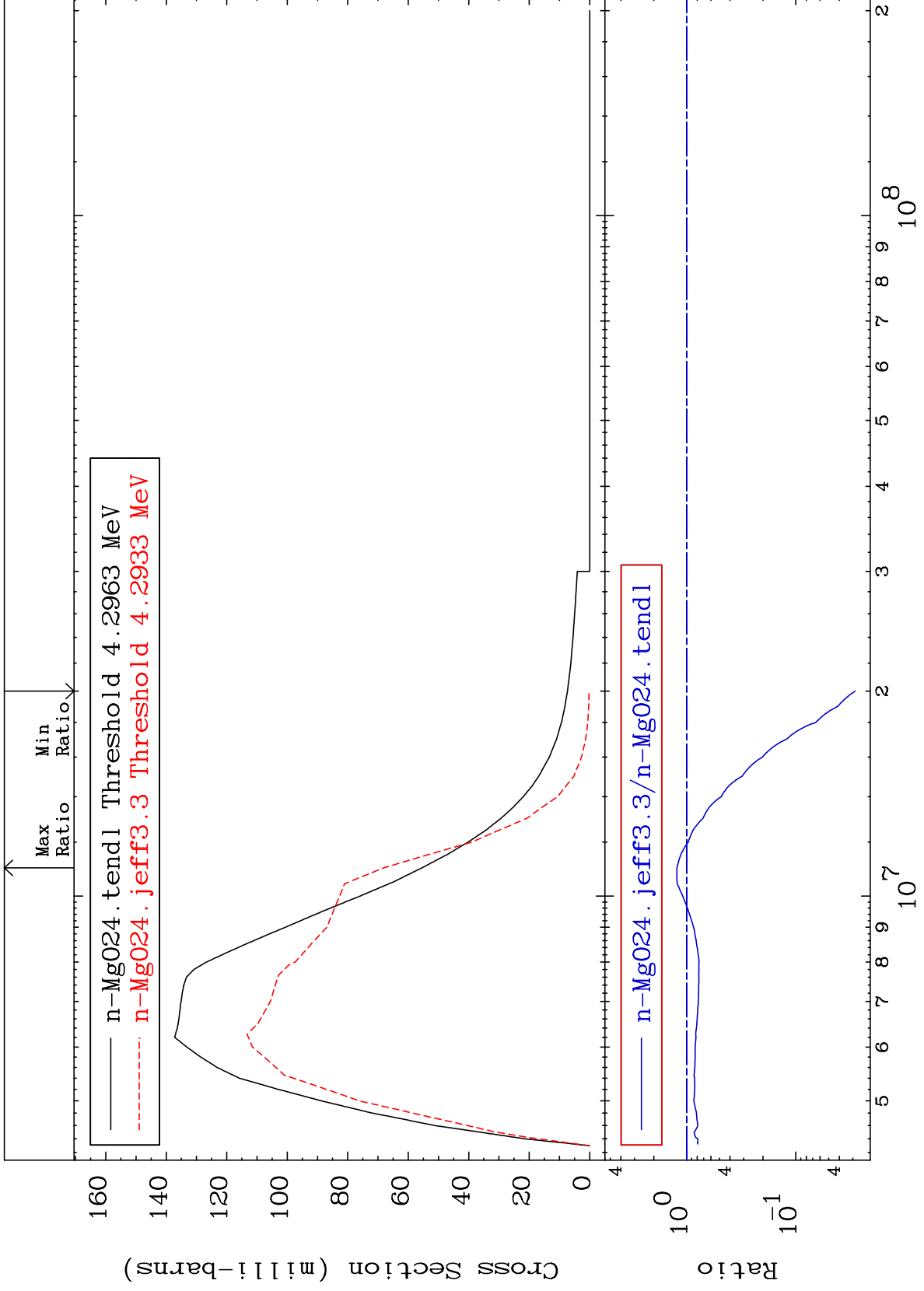
12-Mg-24  
-22.94 To 43.42 %



MAT 1225

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

12-Mg-24  
-97.14 To 22.77 %

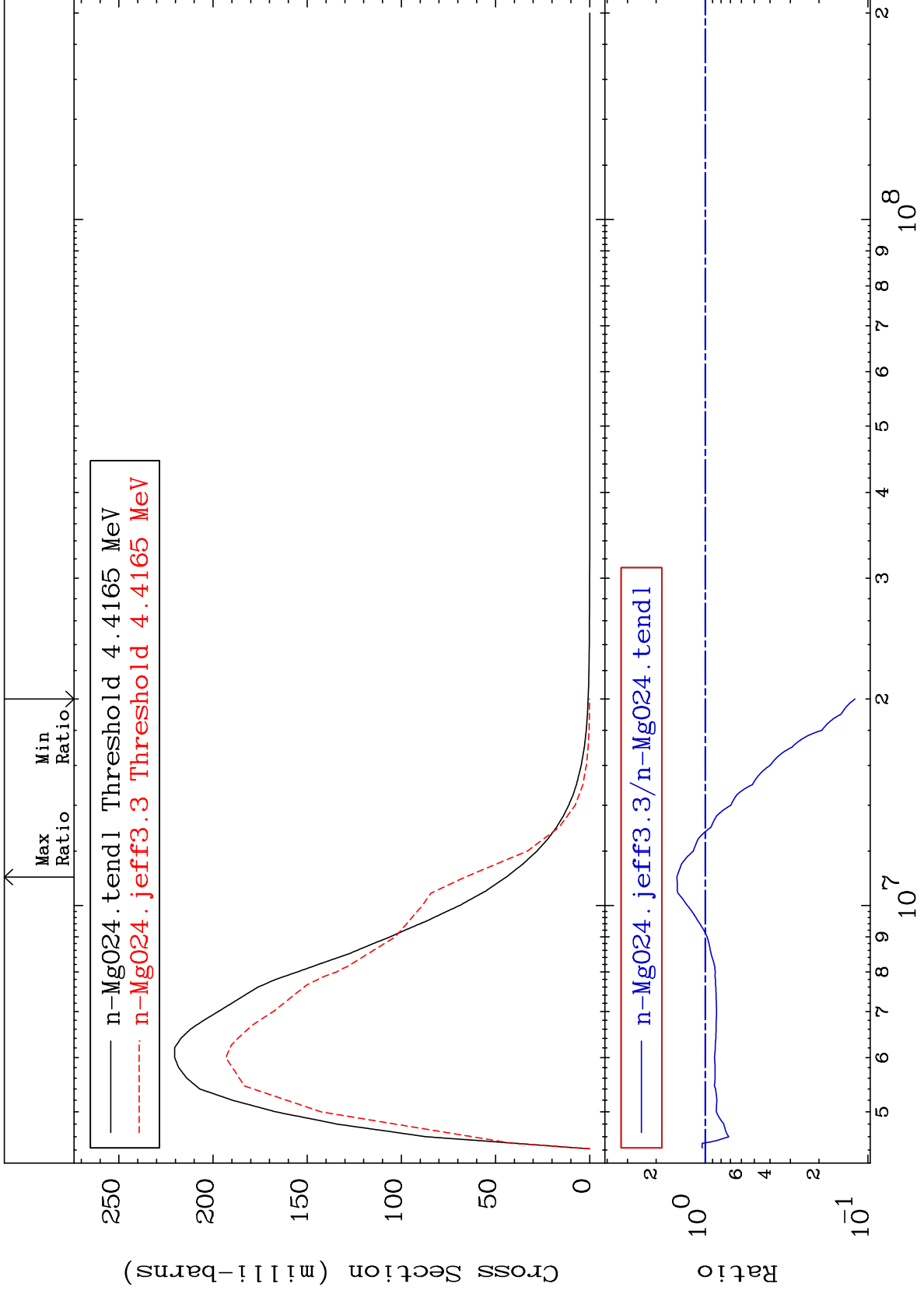




MAT 1225

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

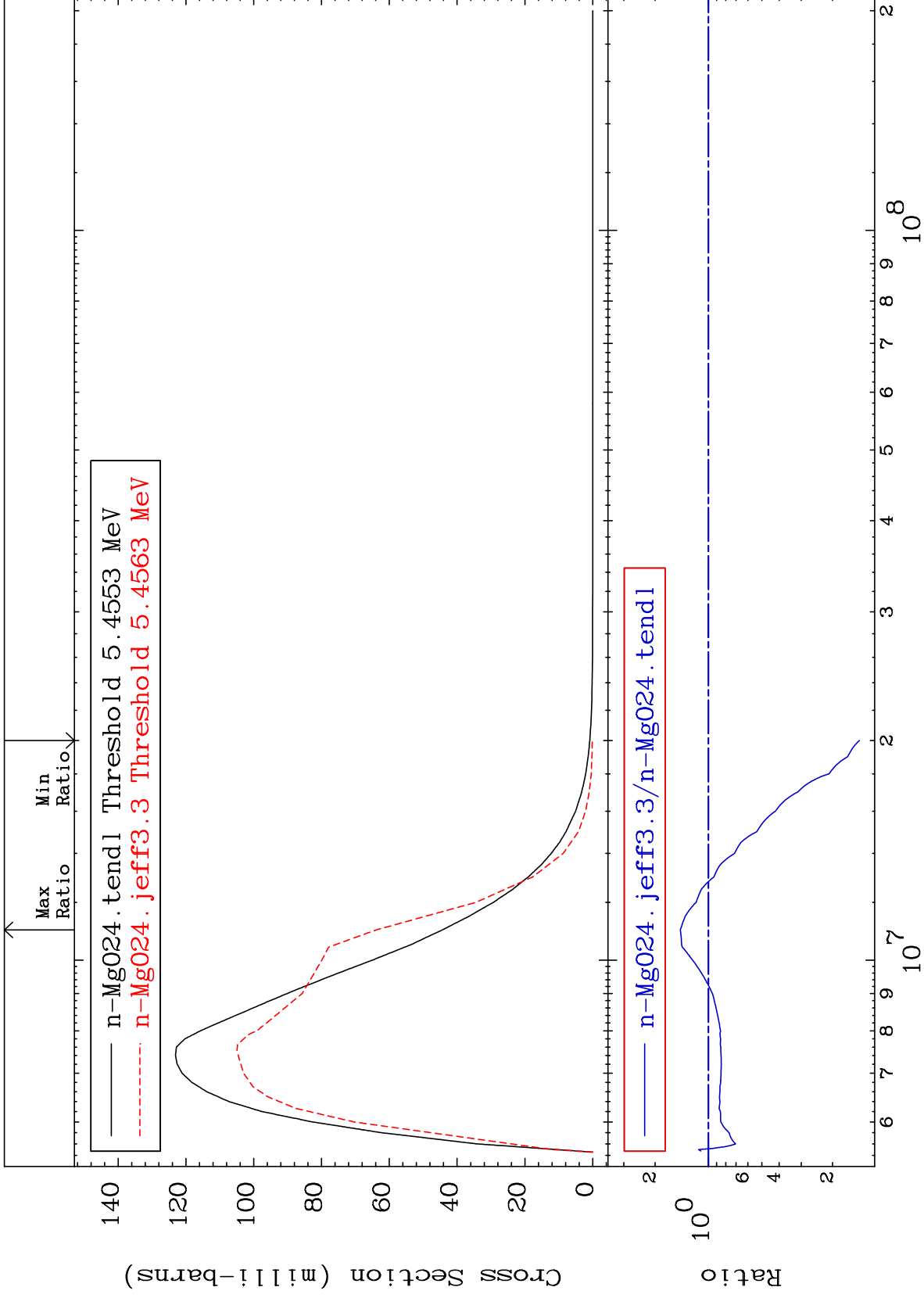
12-Mg-24  
-88.01 To 49.20 %



MAT 1225

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

12-Mg-24  
-85.89 To 44.03 %



10

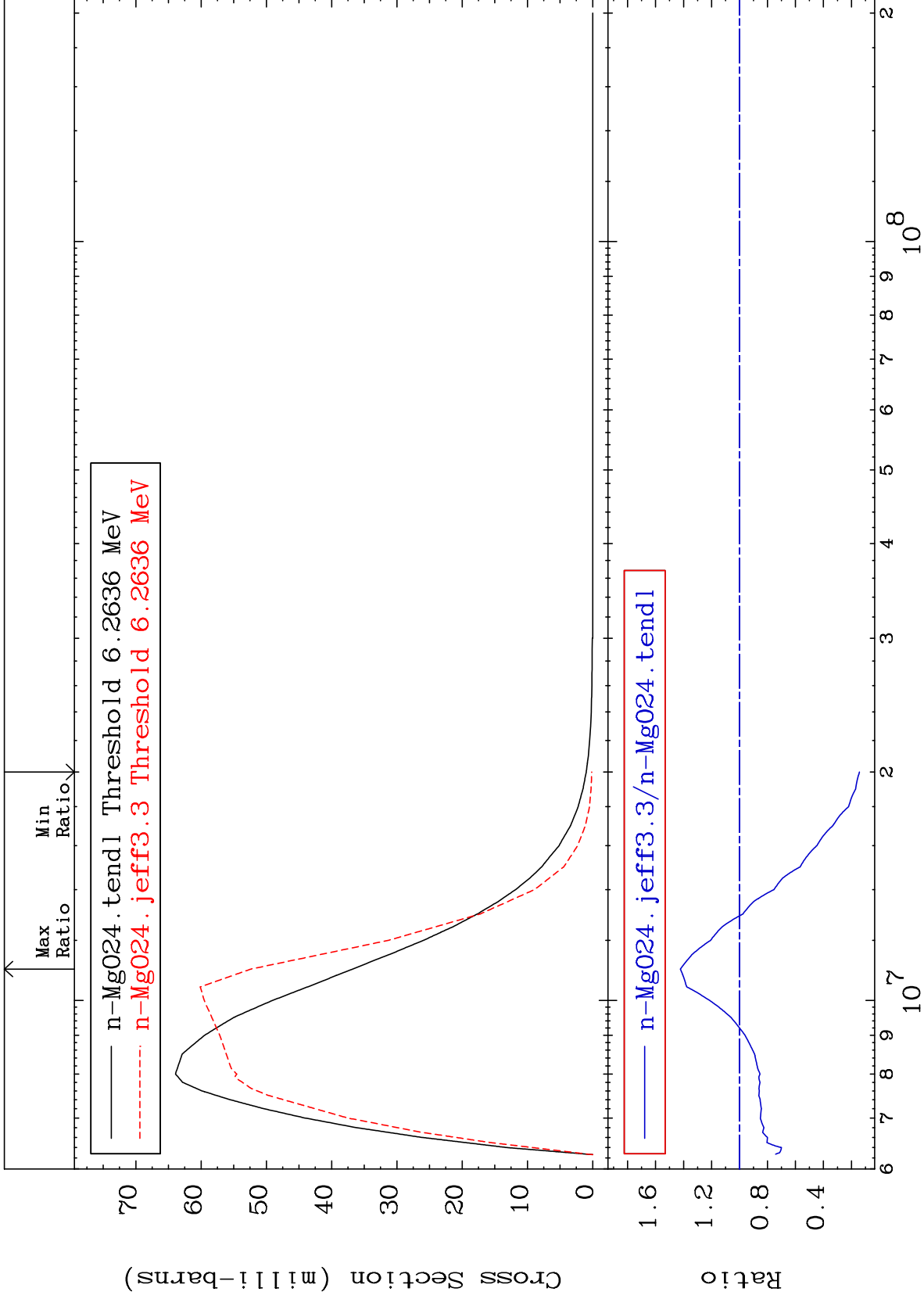
Incident Energy (eV)

12-Mg-24

MAT 1225

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

12-Mg-24  
-85.73 To 42.29 %



11

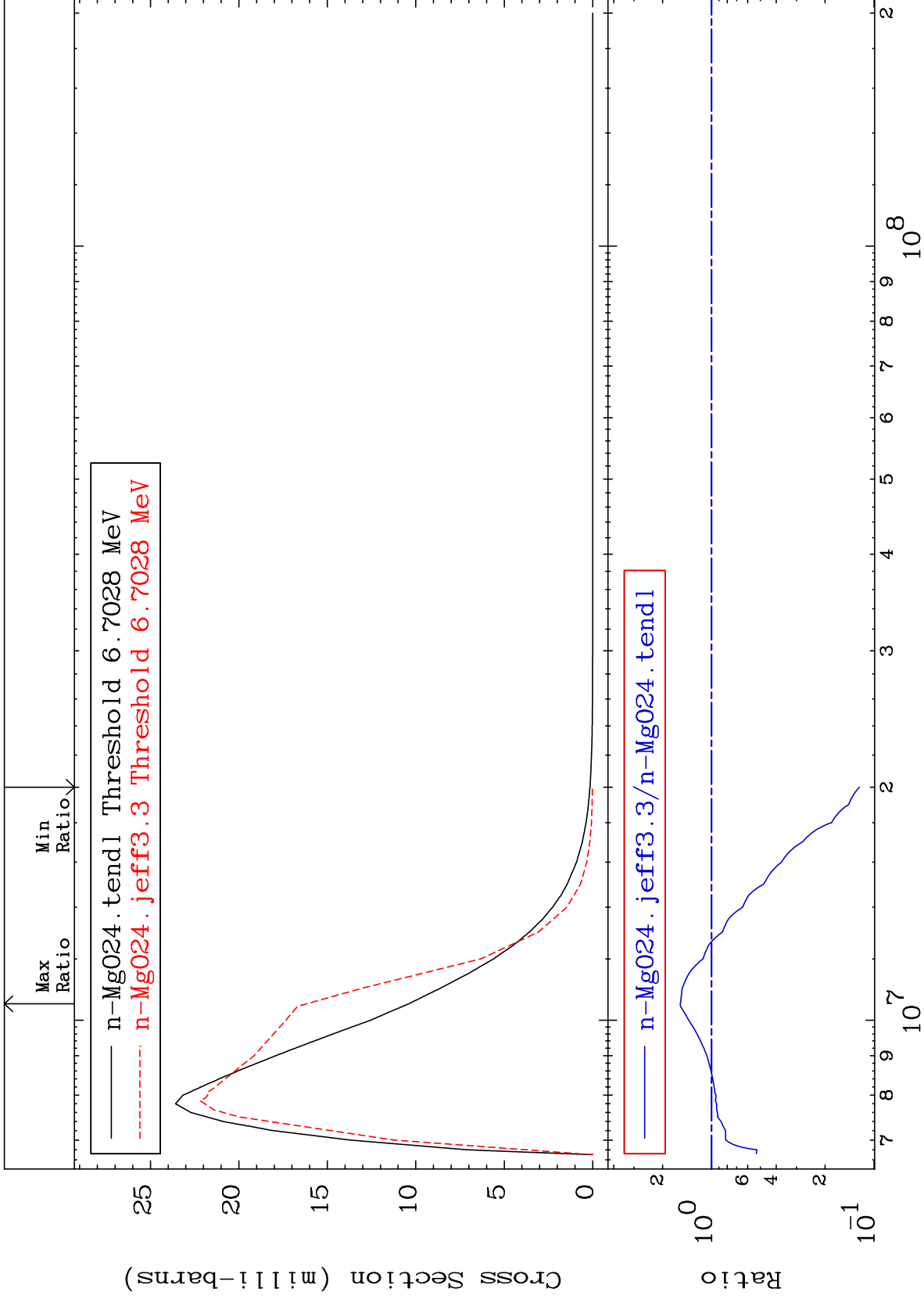
Incident Energy (eV)

12-Mg-24

MAT 1225

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

12-Mg-24  
-87.71 To 55.56 %



12

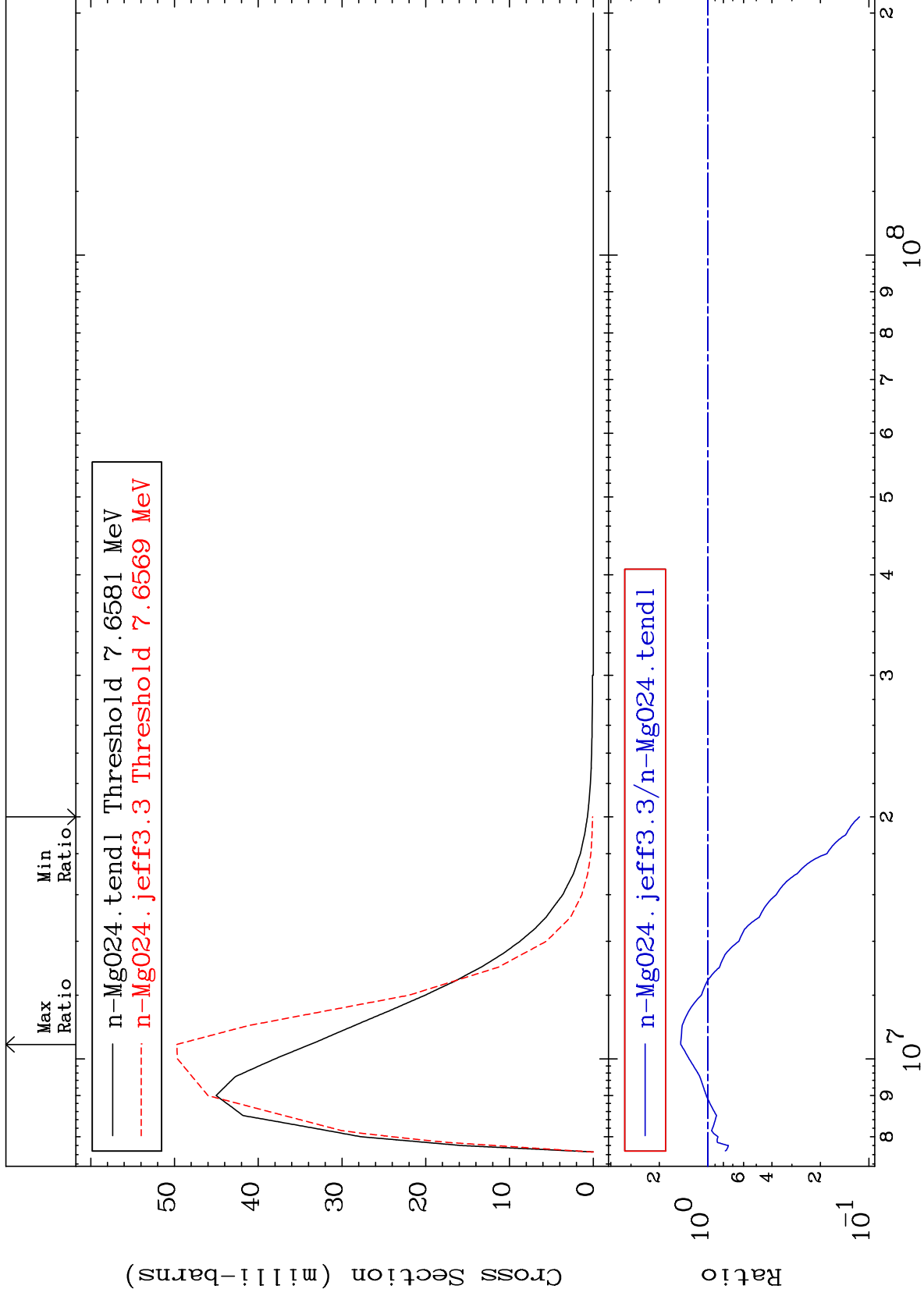
Incident Energy (eV)

12-Mg-24

MAT 1225

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

12-Mg-24  
-88.58 To 47.11 %



13

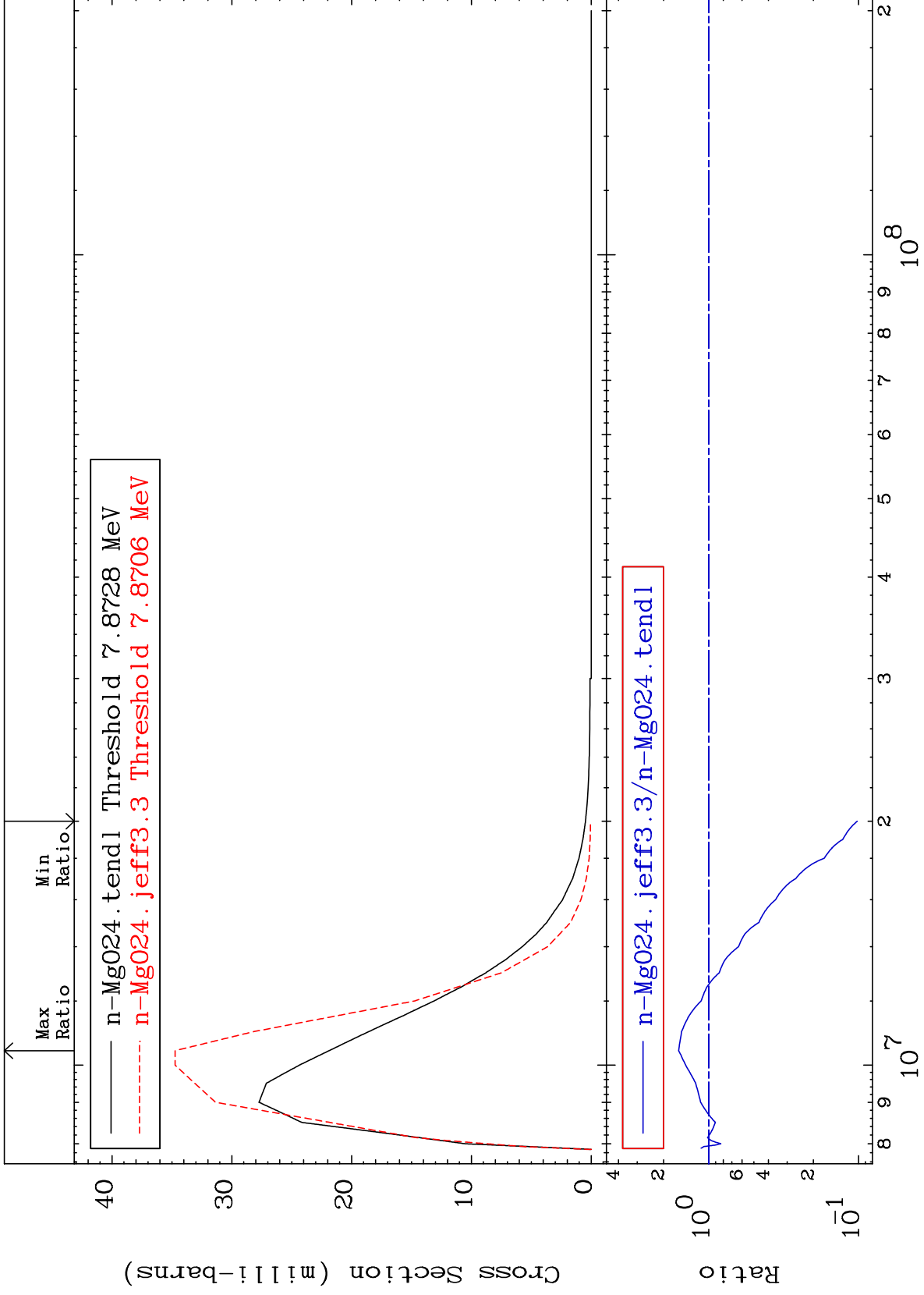
Incident Energy (eV)

12-Mg-24

MAT 1225

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

12-Mg-24  
-89.80 To 58.75 %



14

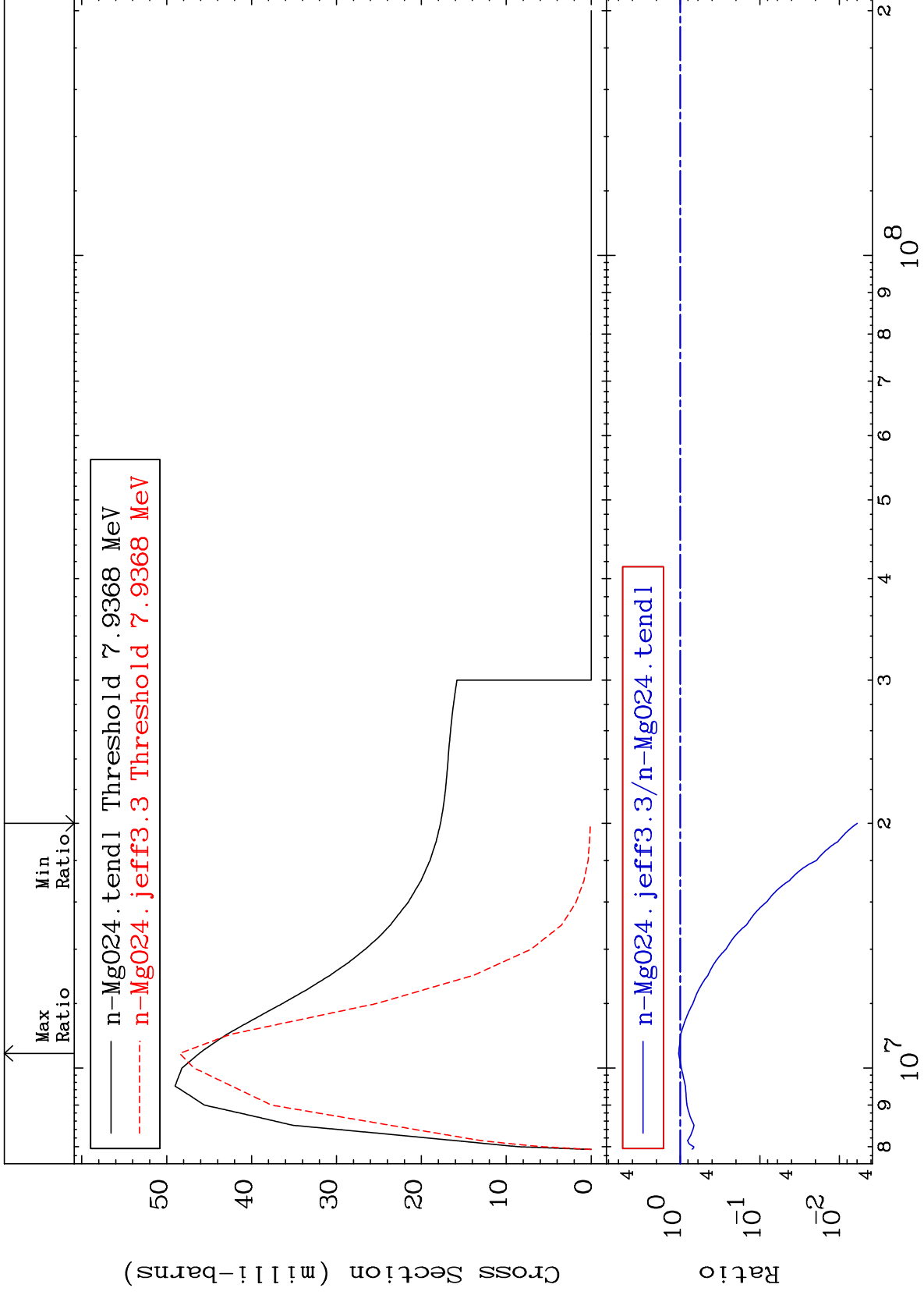
12-Mg-24

12-Mg-24

MAT 1225

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

12-Mg-24  
-99.40 To 5.048 %



15

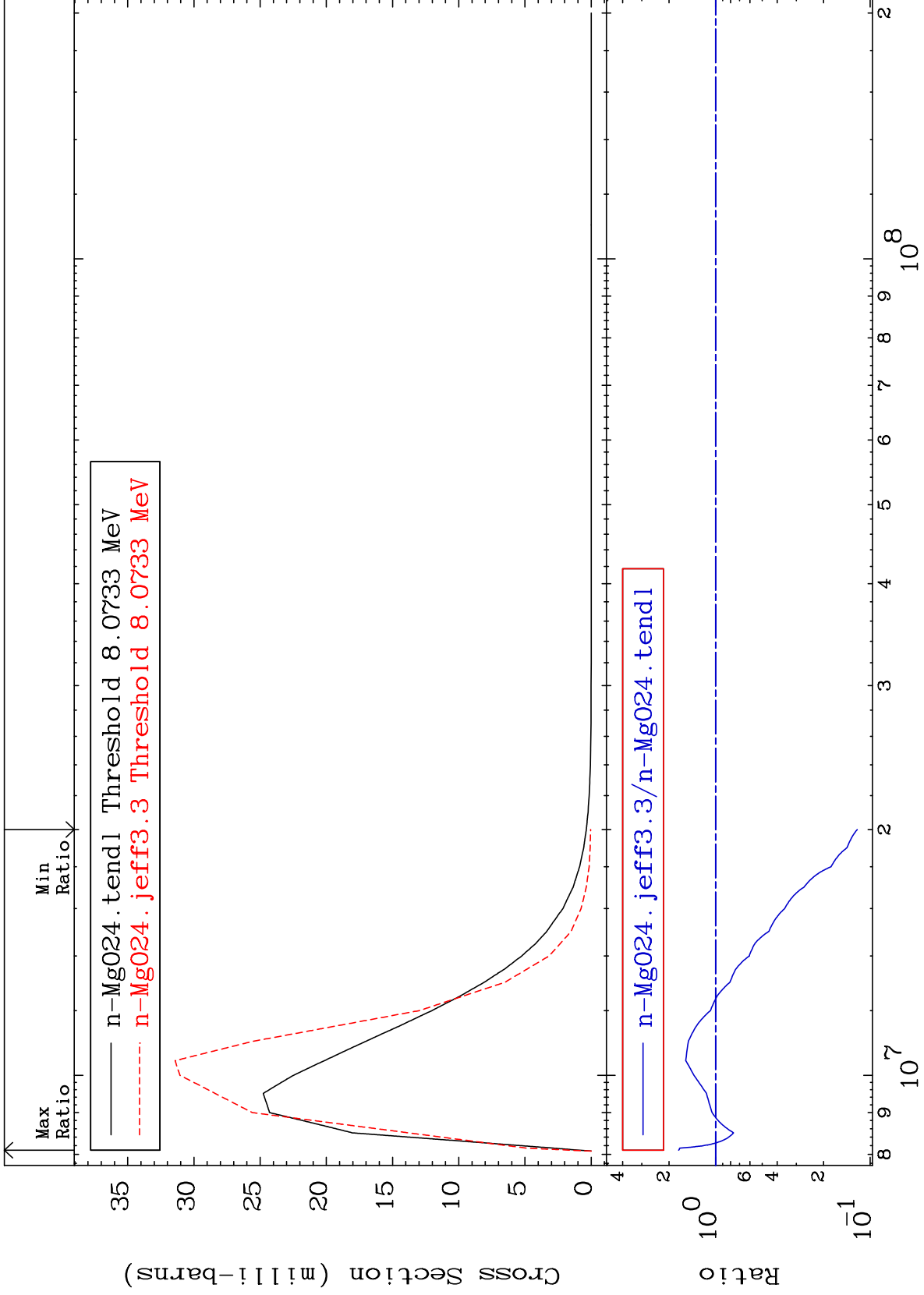
Incident Energy (eV)

12-Mg-24

MAT 1225

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

12-Mg-24  
-87.89 To 73.46 %



16

Incident Energy (eV)

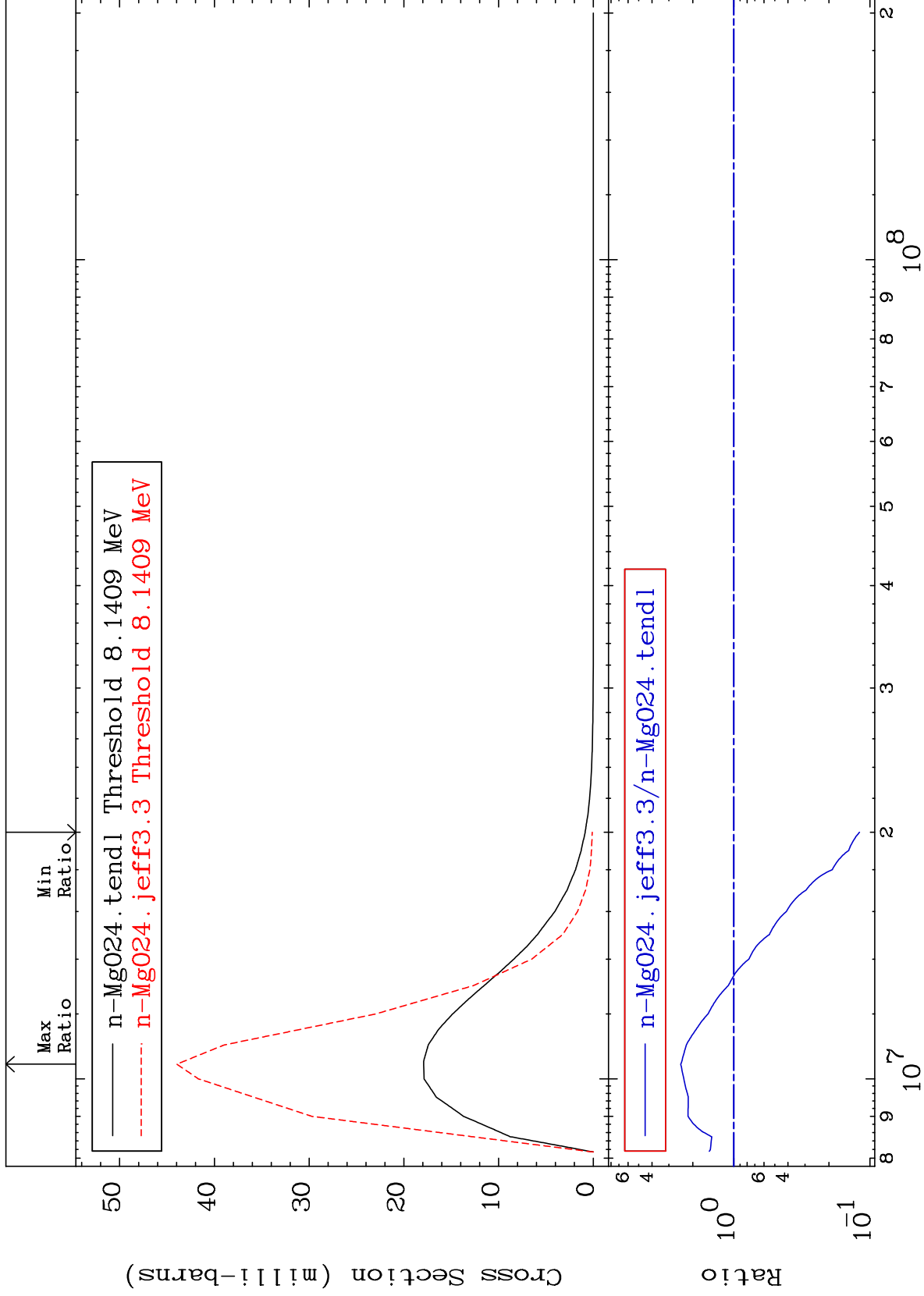
12-Mg-24



MAT 1225

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

12-Mg-24  
-88.09 To 145.6 %



17

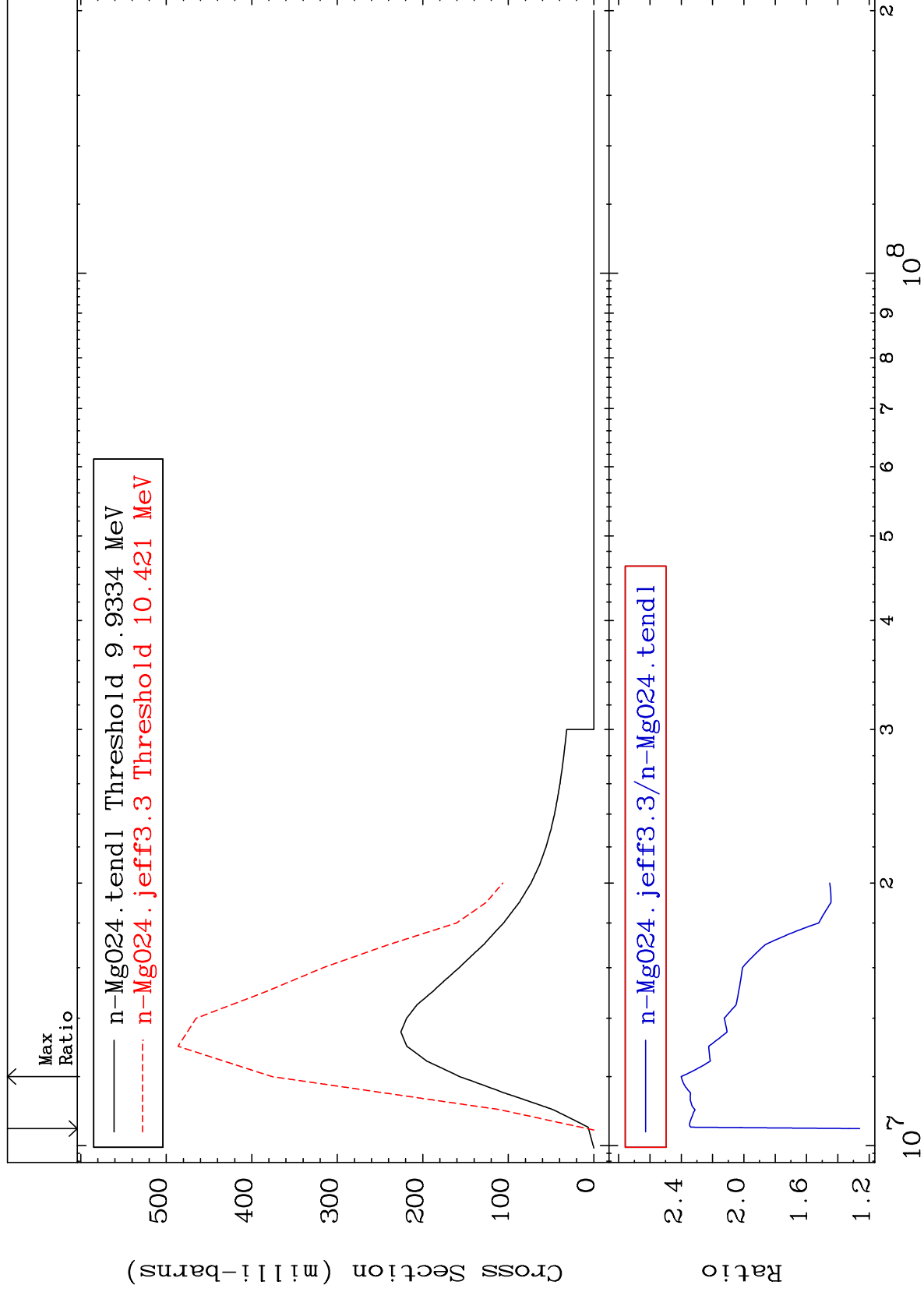
Incident Energy (eV)

12-Mg-24

MAT 1225

(n, n') Continuum  
Cross Section

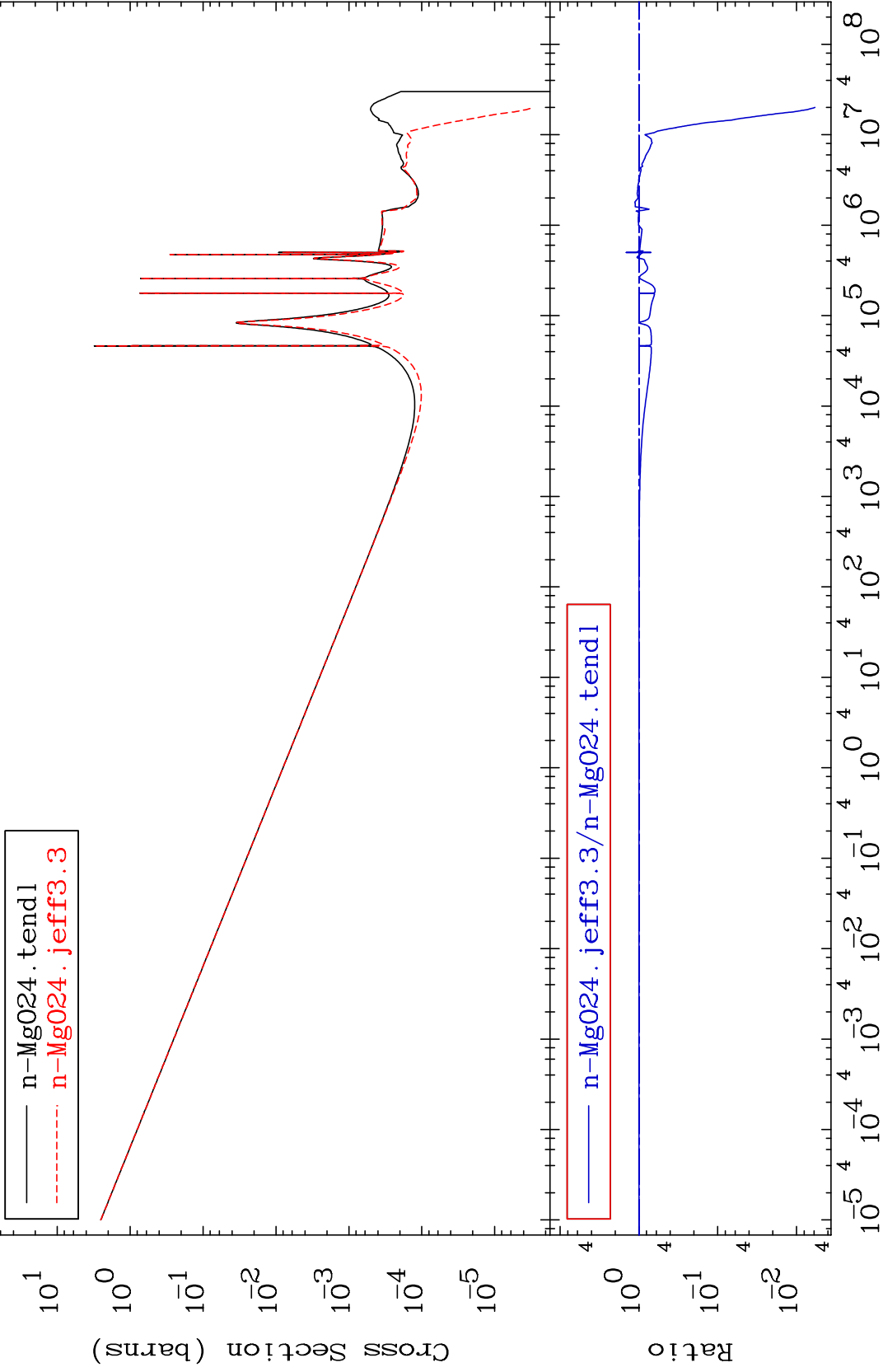
12-Mg-24  
26.06 To 140.0 %



MAT 1225

(n,  $\gamma$ )  
Cross Section

12-Mg-24  
-99.42 To 44.56 %



19

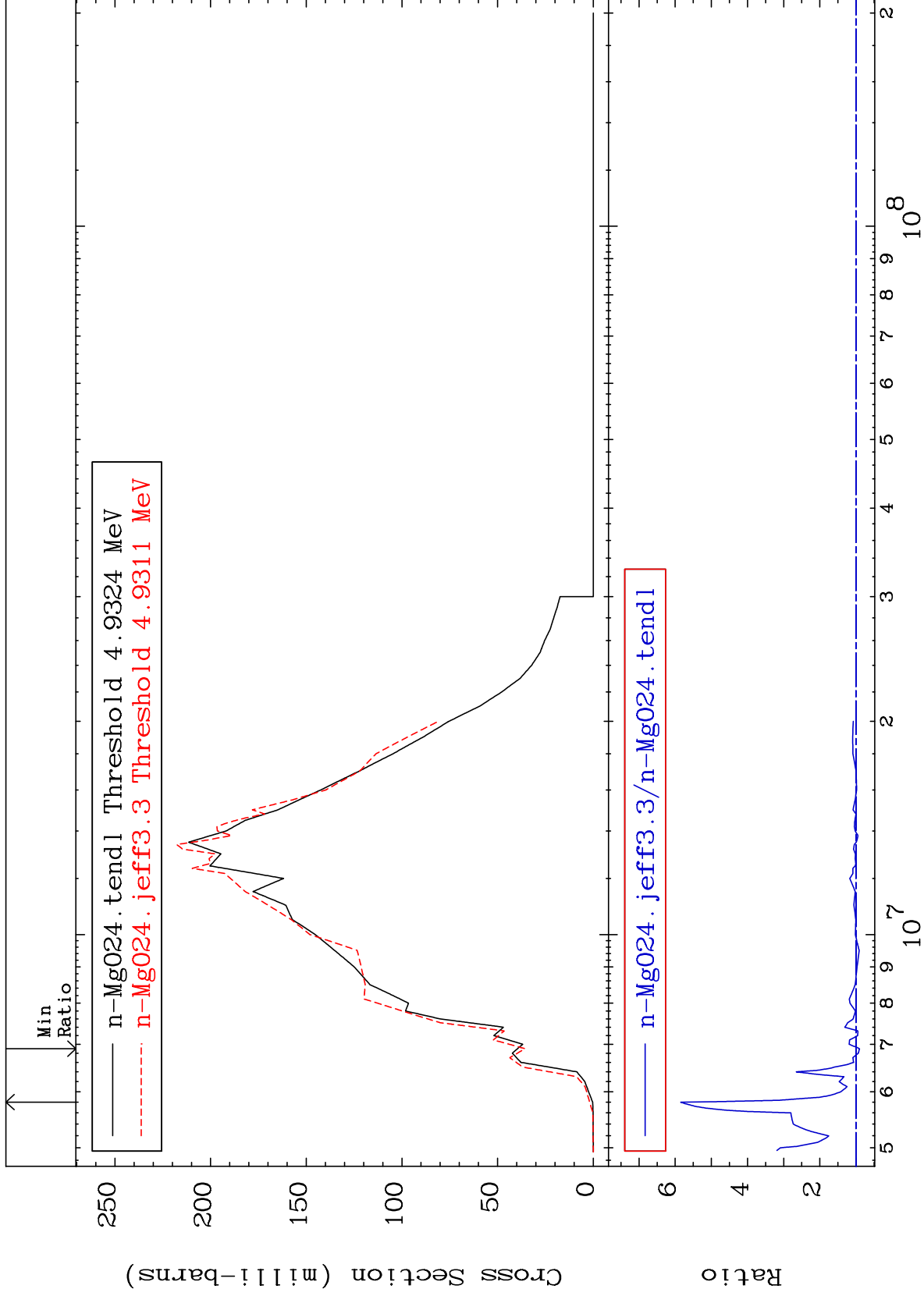
Incident Energy (eV)

12-Mg-24

MAT 1225

(n,p)  
Cross Section

12-Mg-24  
-9.858 To 484.6 %



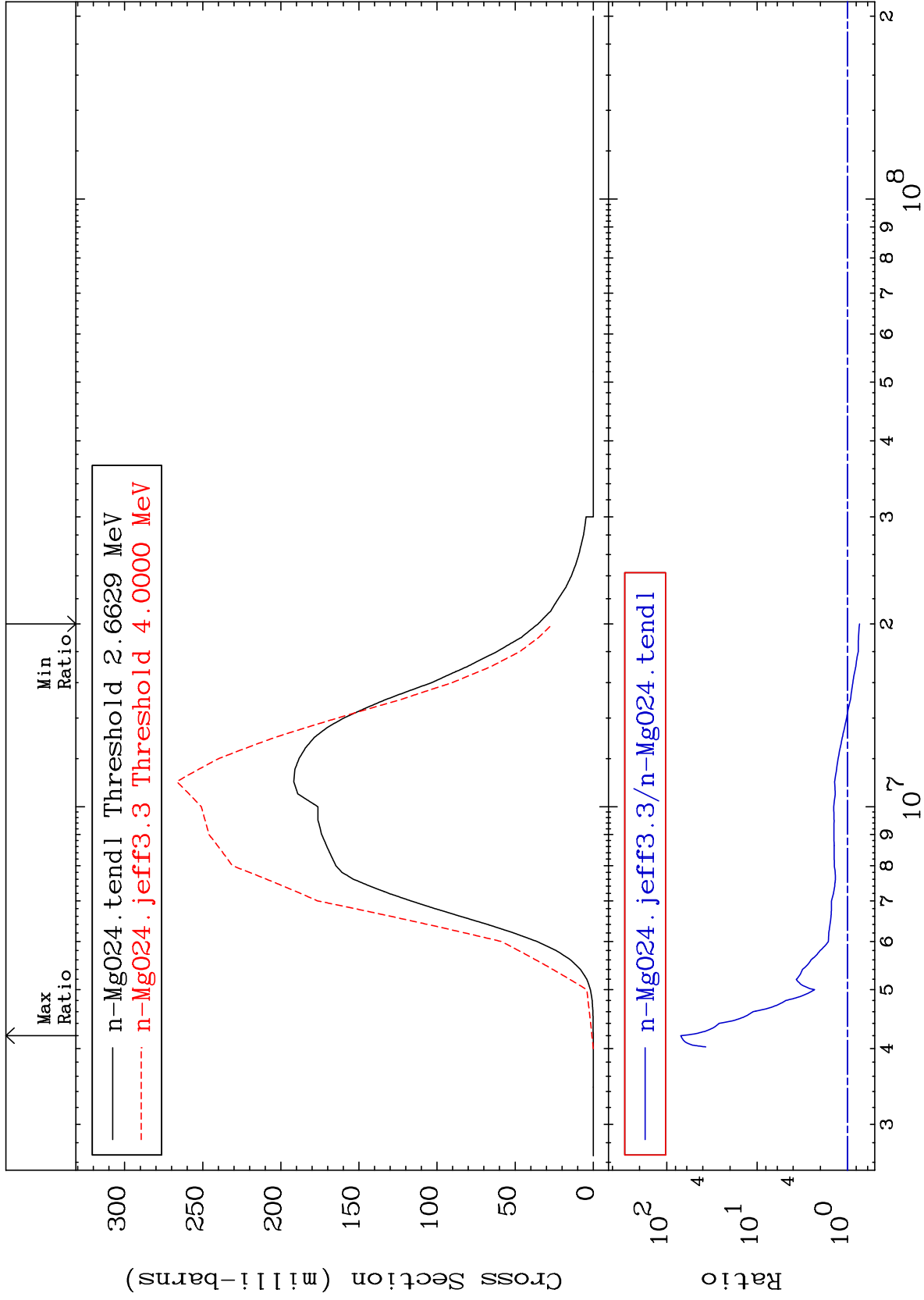
MAT 1225

(n,  $\alpha$ )

12-Mg-24

Cross Section

-26.33 To 6907. %



21

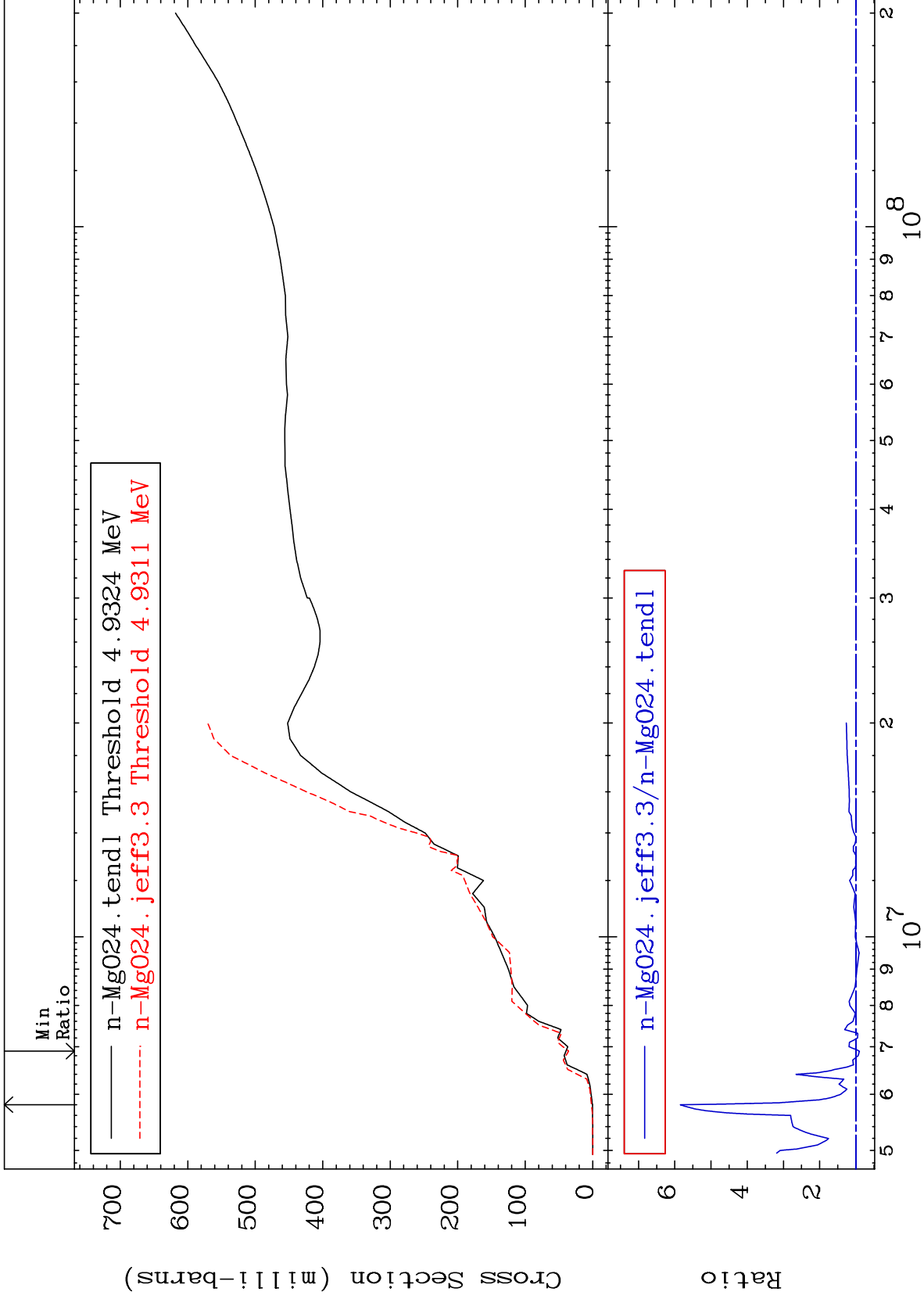
Incident Energy (eV)

12-Mg-24

MAT 1225

Hydrogen Production  
Cross Section

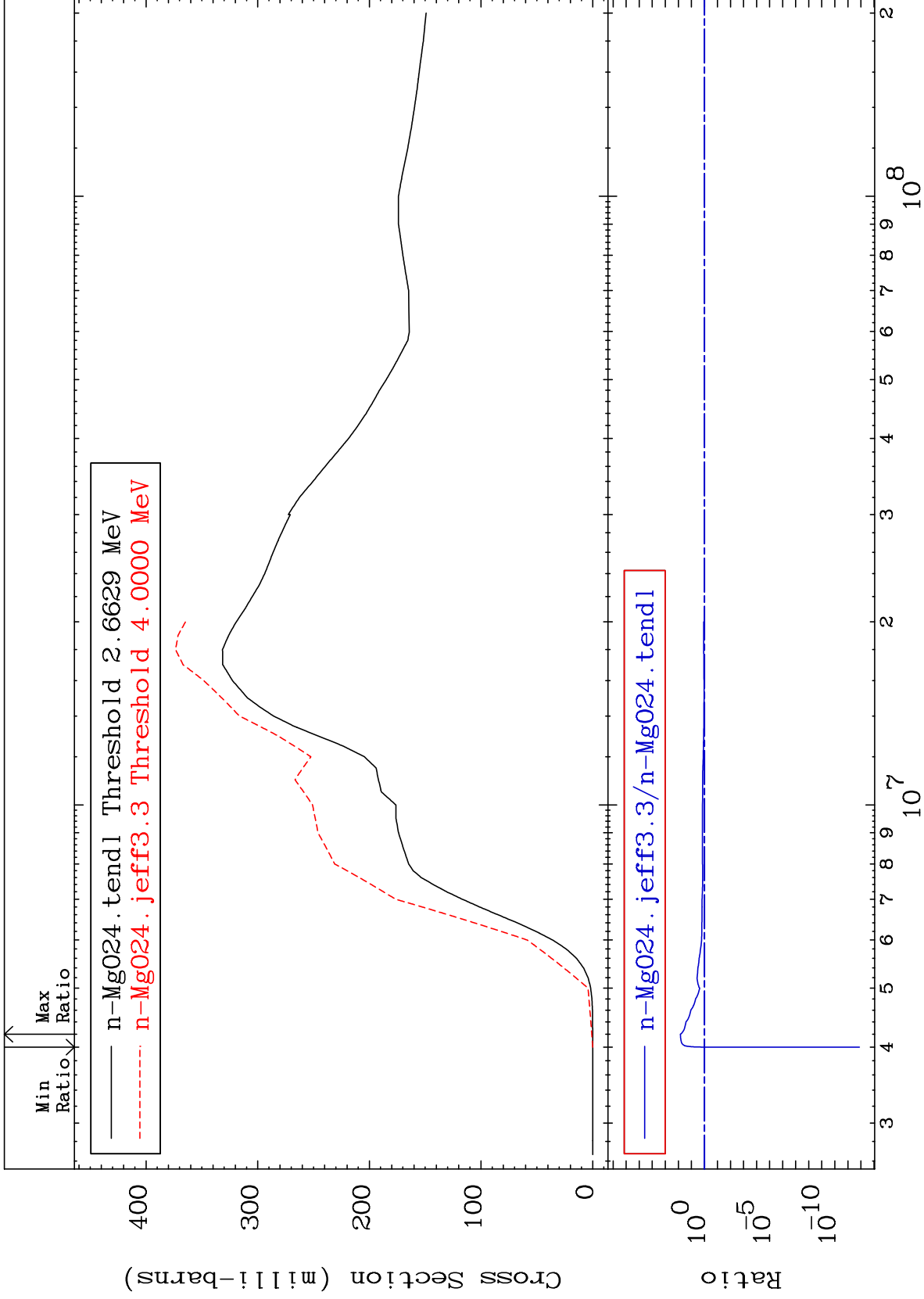
12-Mg-24  
-9.858 To 484.6 %



22

Incident Energy (eV)

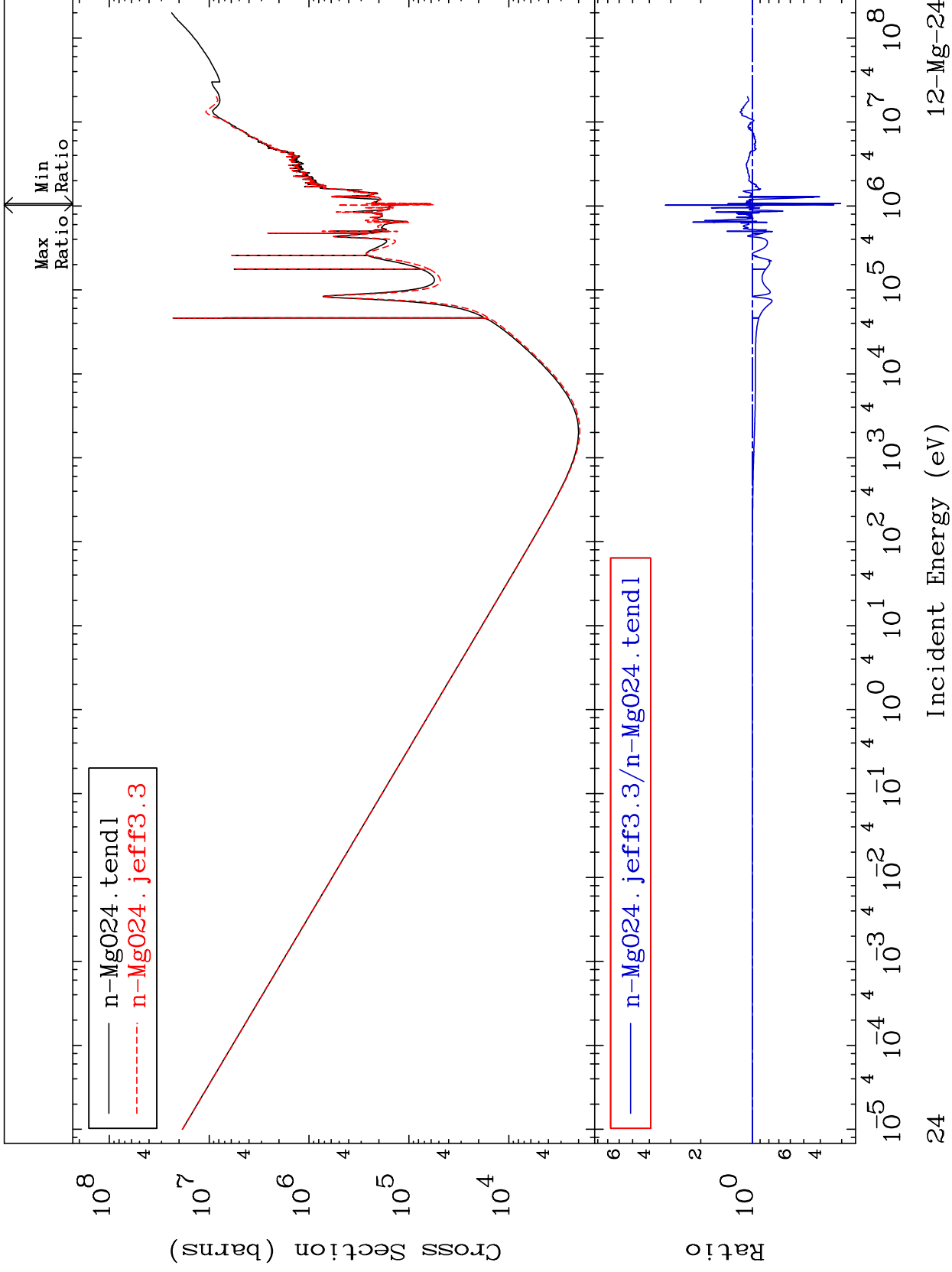
12-Mg-24



MAT 1225

Kerma total (eV-barns)  
Cross Section

12-Mg-24  
-69.56 To 221.6 %



24

Incident Energy (eV)

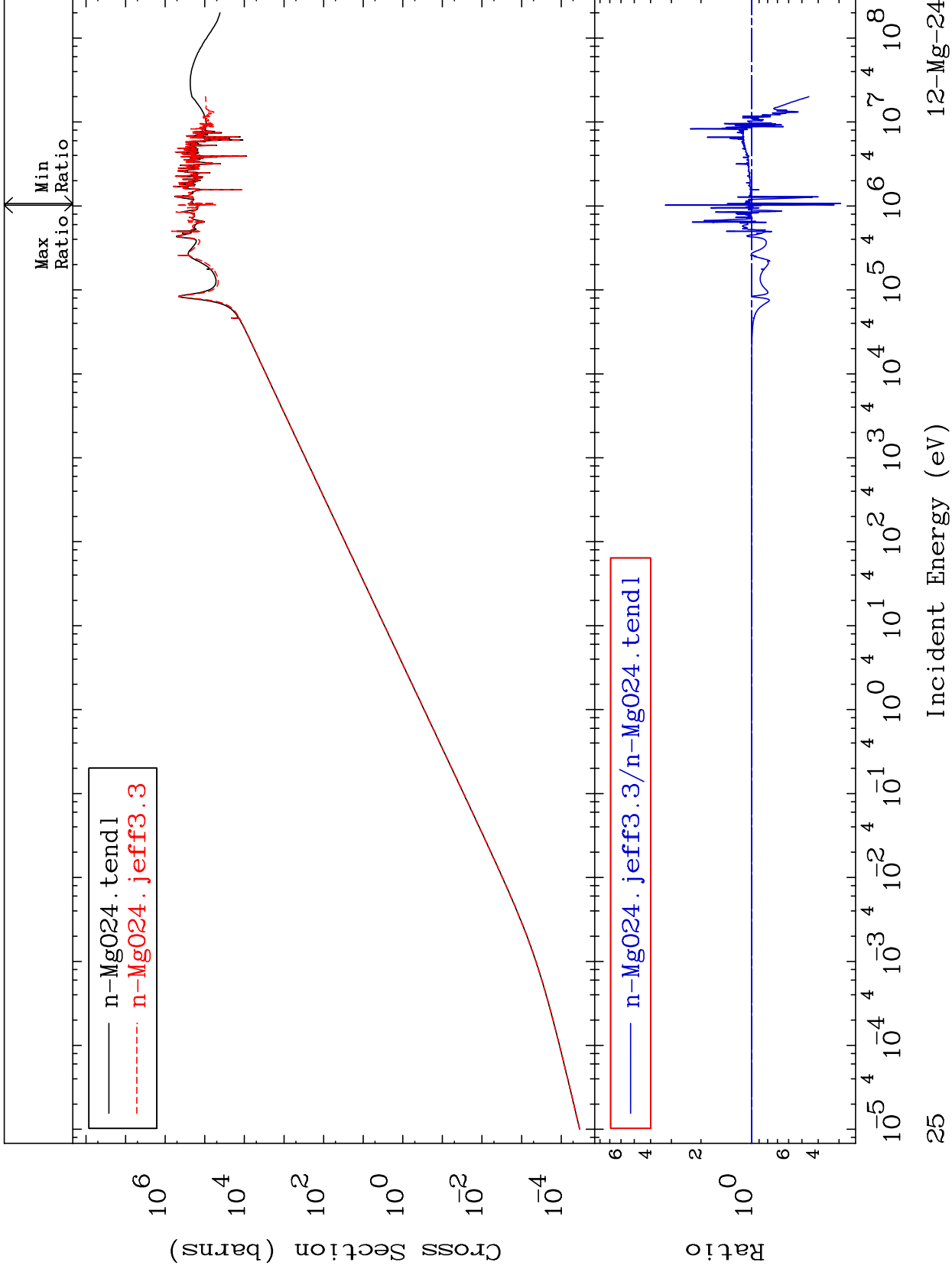
12-Mg-24



MAT 1225

Kerma elastic  
Cross Section

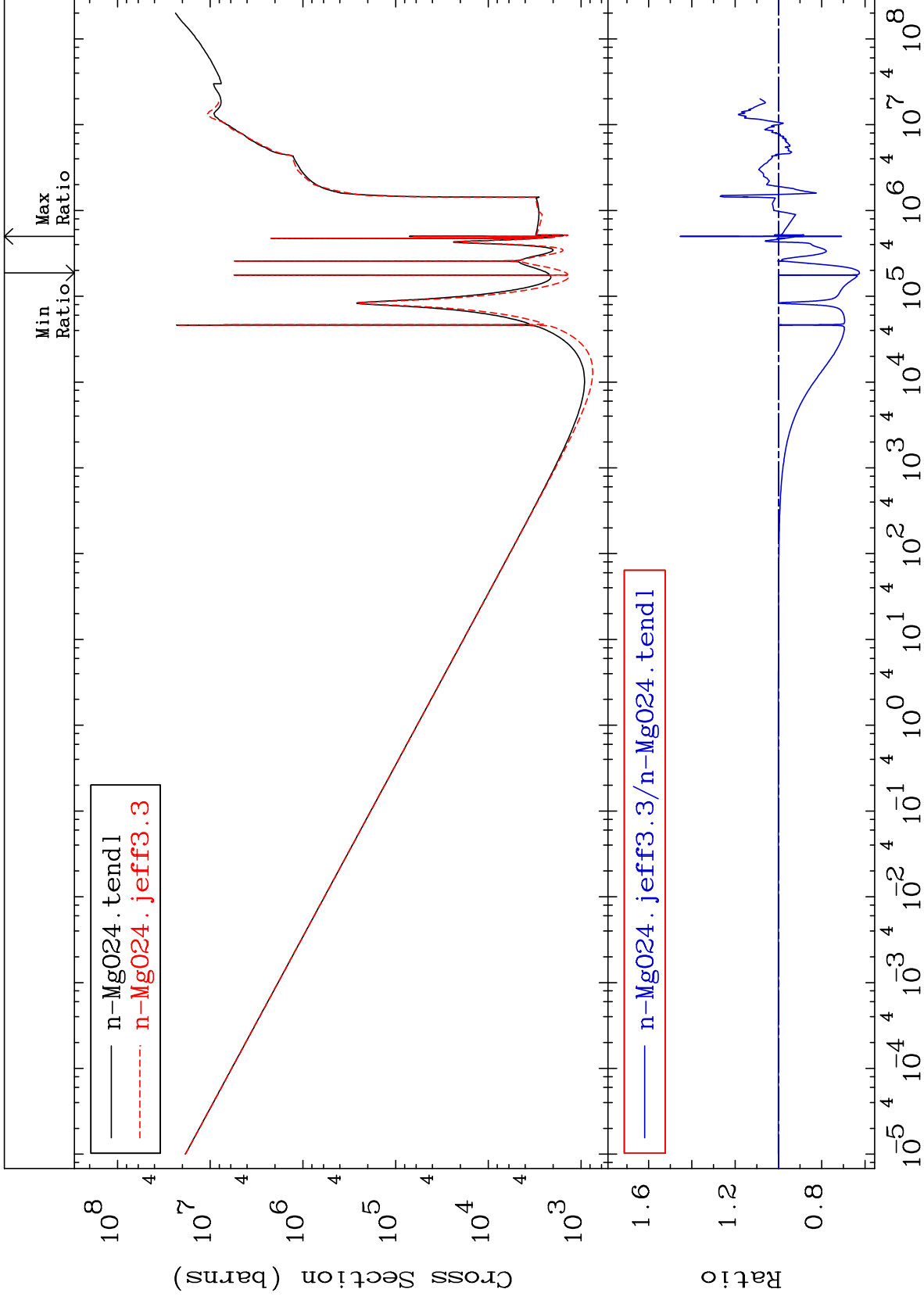
12-Mg-24  
-70.63 To 225.6 %

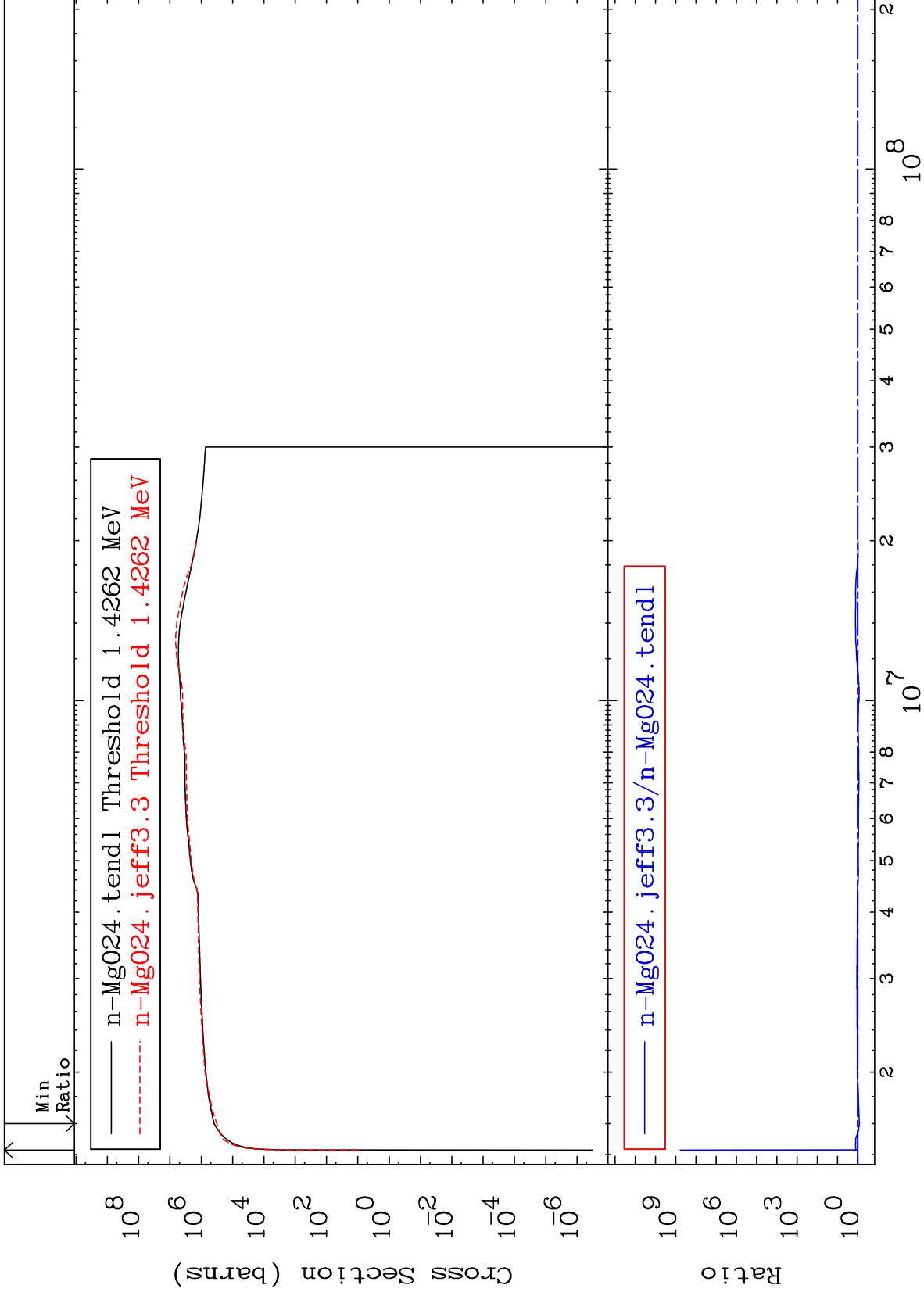


25

Incident Energy (eV)

12-Mg-24

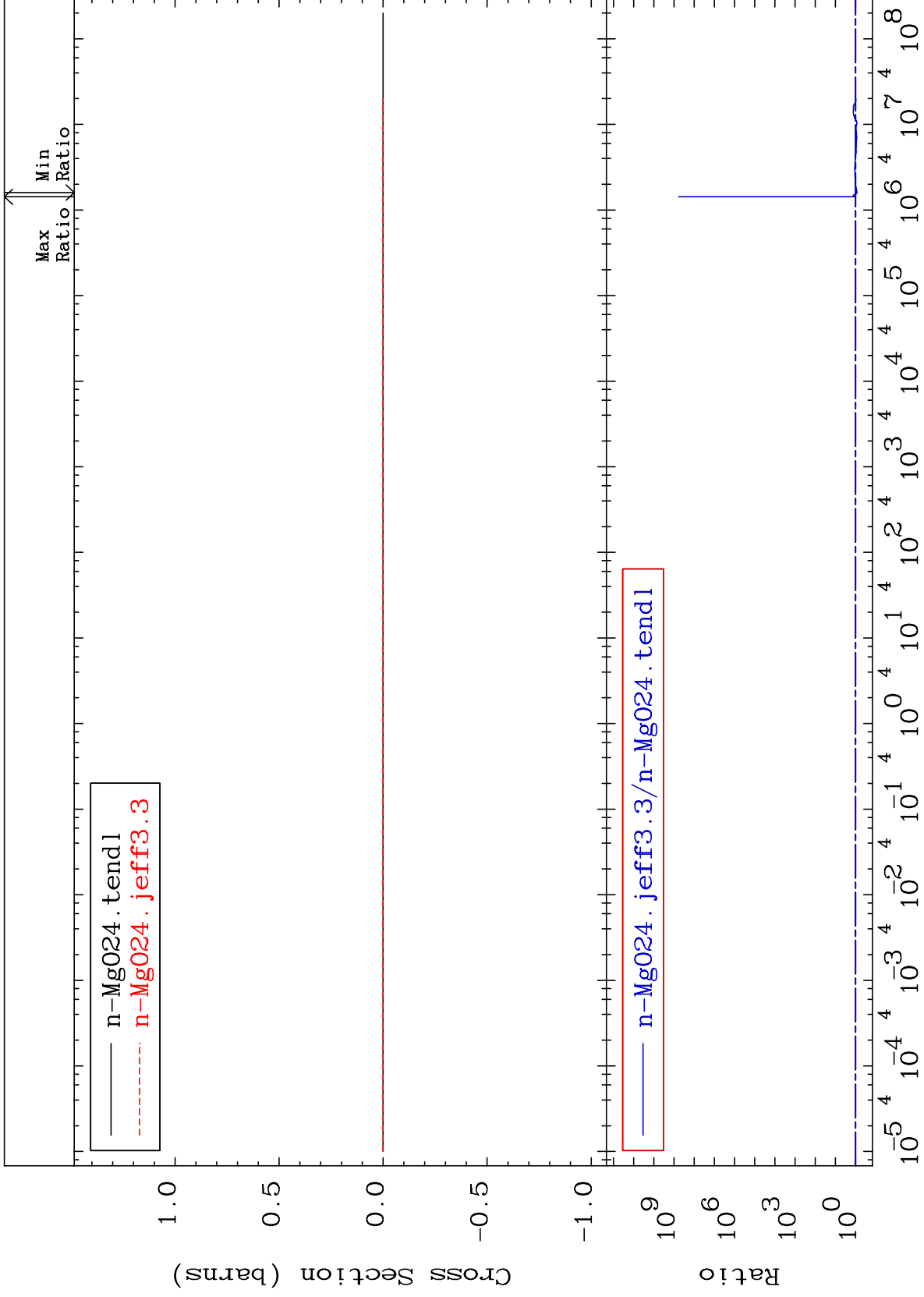




MAT 1225

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

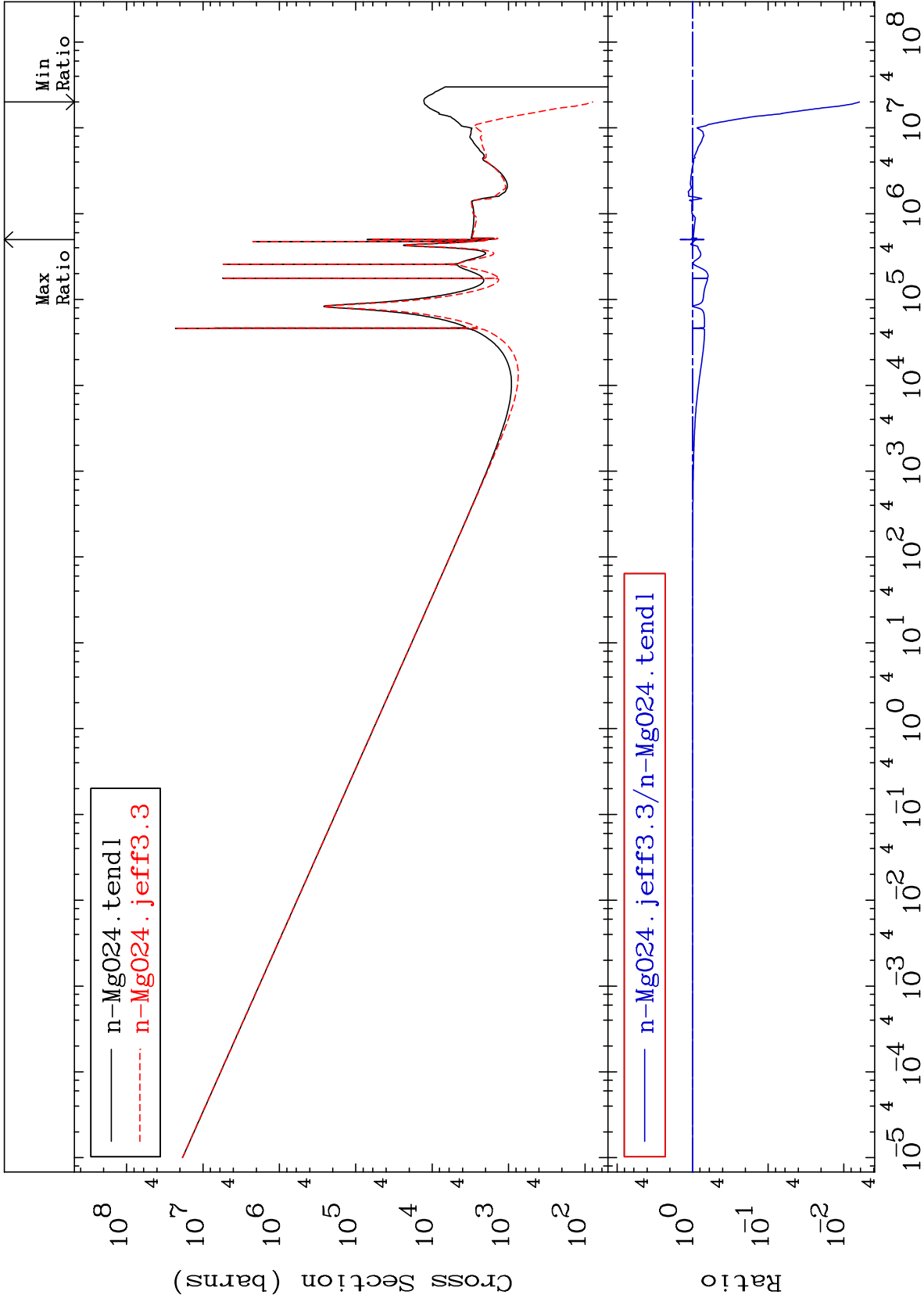
12-Mg-24  
-17.62 To 9999. %



MAT 1225

Kerma capture (mt102)  
Cross Section

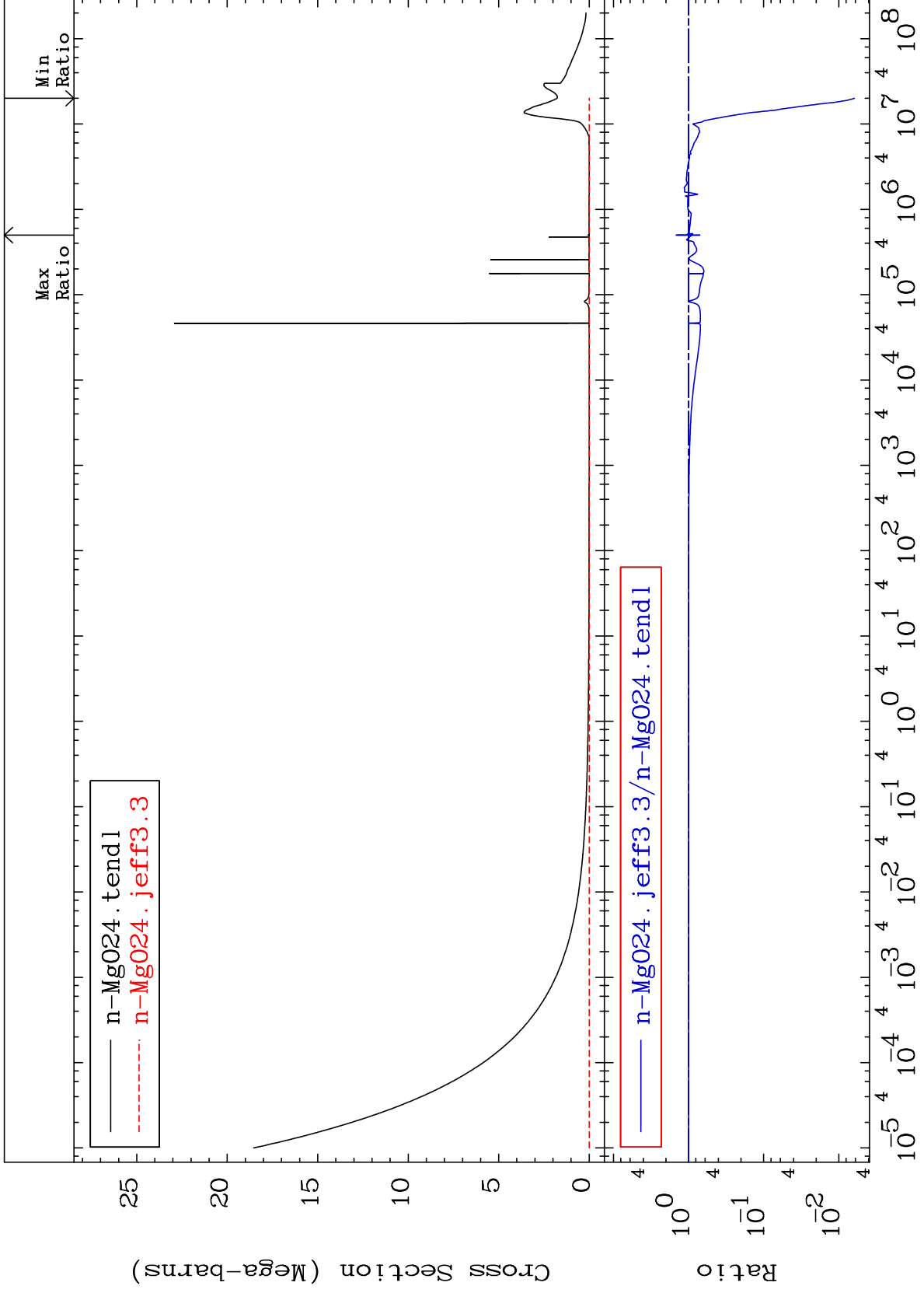
12-Mg-24  
-99.38 To 45.32 %



MAT 1225

Total photon (eV-barns)  
Cross Section

12-Mg-24  
-99.38 To 45.32 %



Incident Energy (eV)

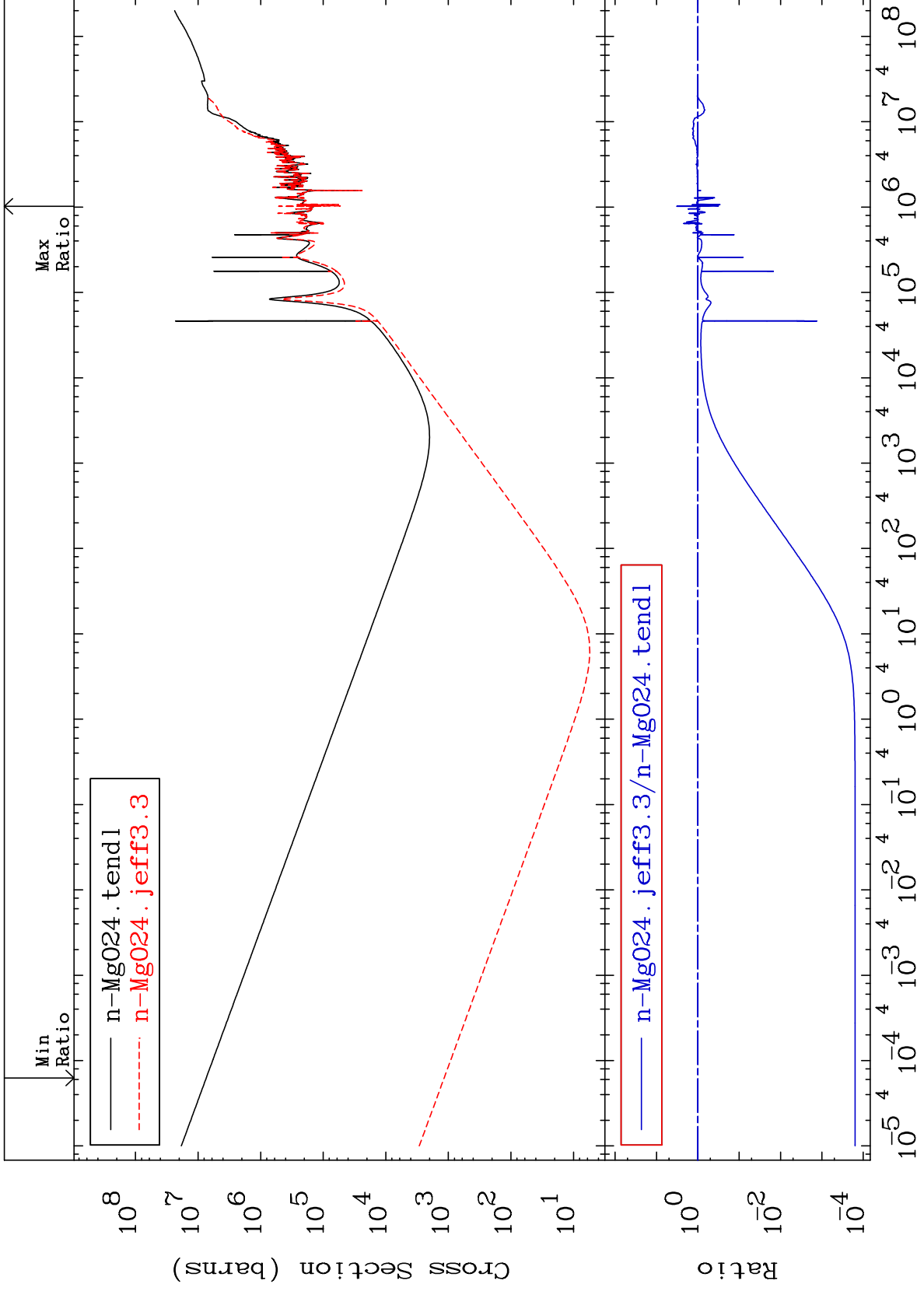
12-Mg-24

30

MAT 1225

Total kinematic kerma (high limit)  
Cross Section

12-Mg-24  
-99.98 To 219.8 %



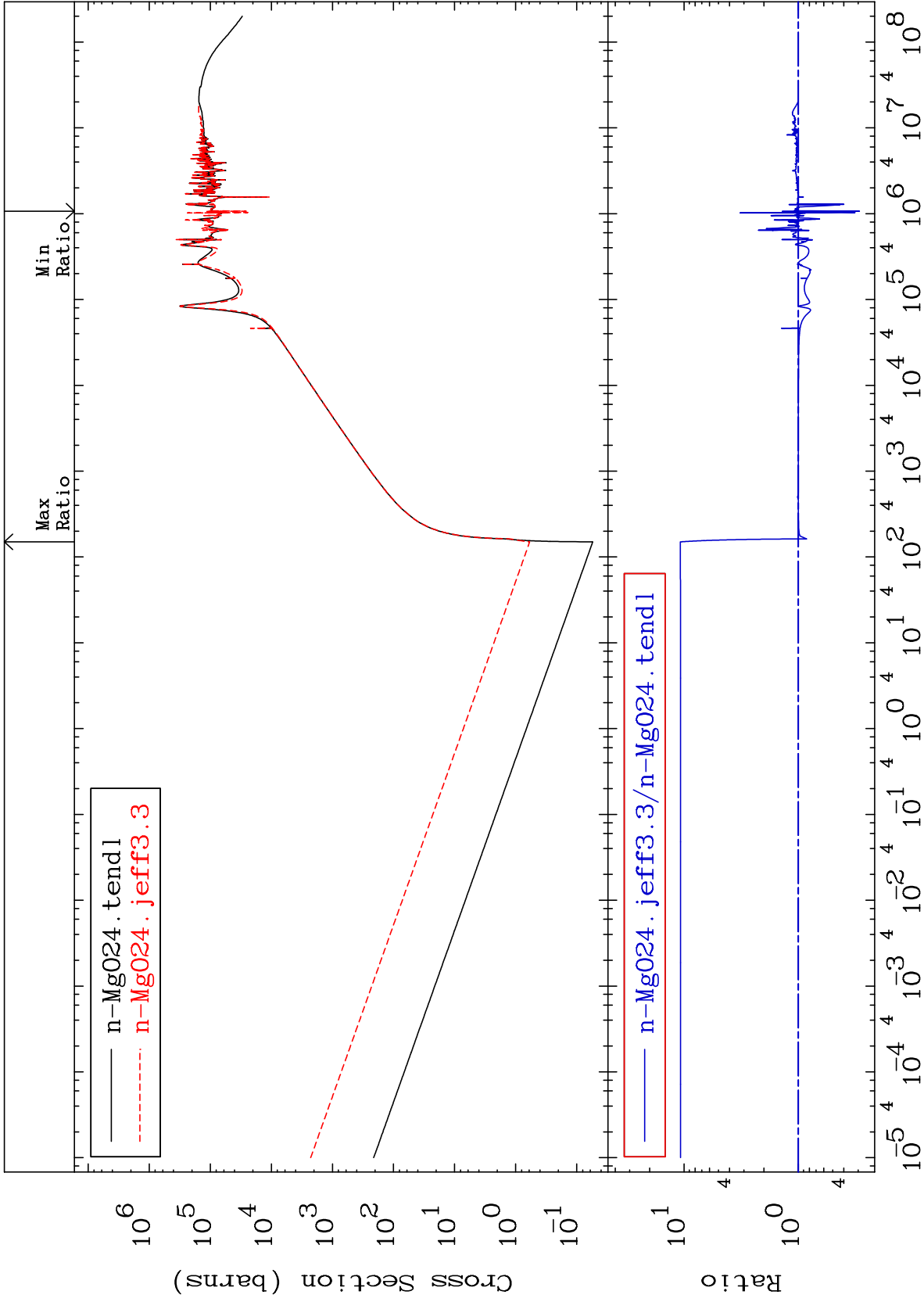
MAT 1225

Dpa total (eV-barns)

12-Mg-24

Cross Section

-70.78 To 977.9 %



32

Incident Energy (eV)

12-Mg-24



