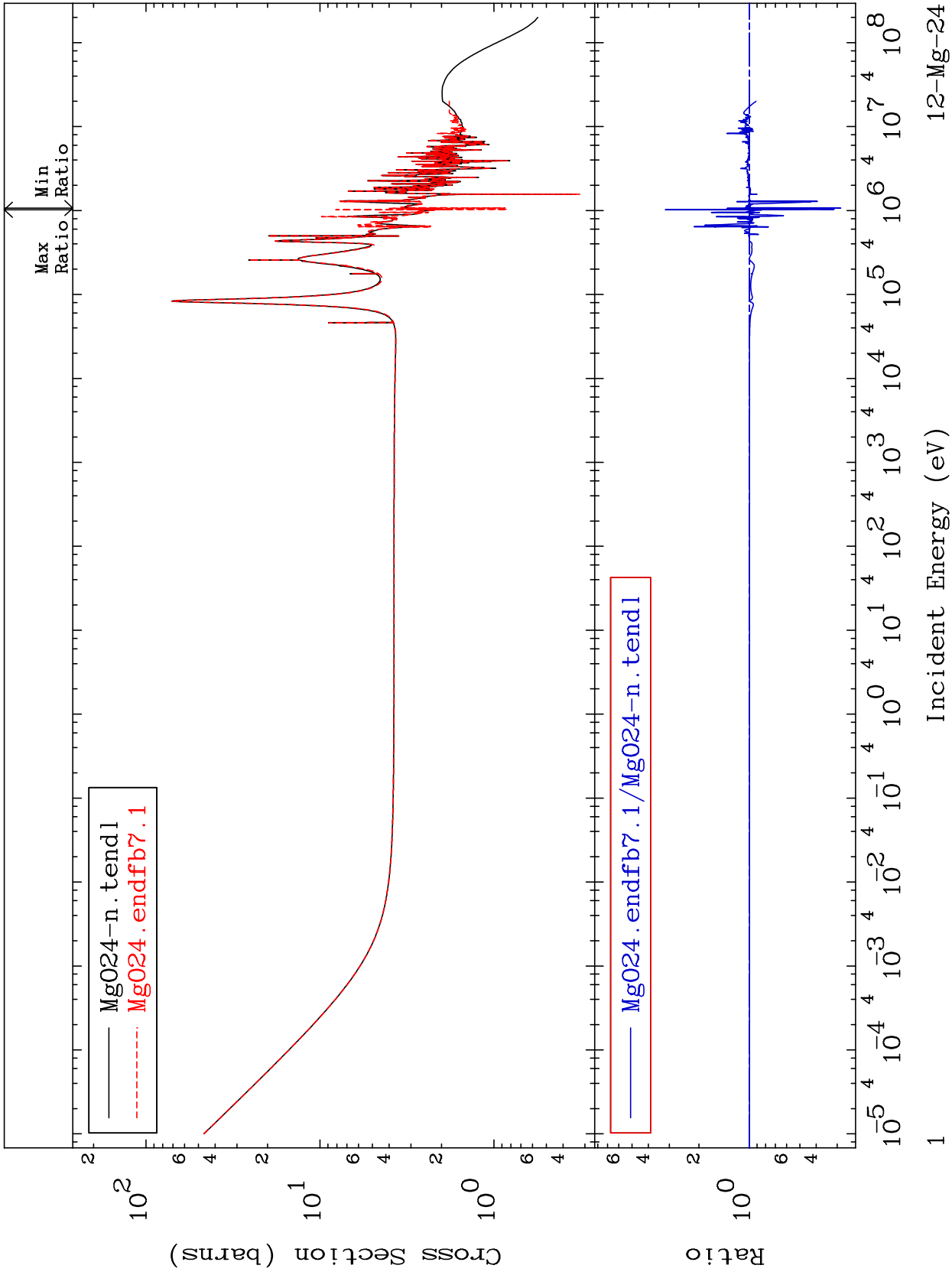


MAT 1225

Total
Cross Section

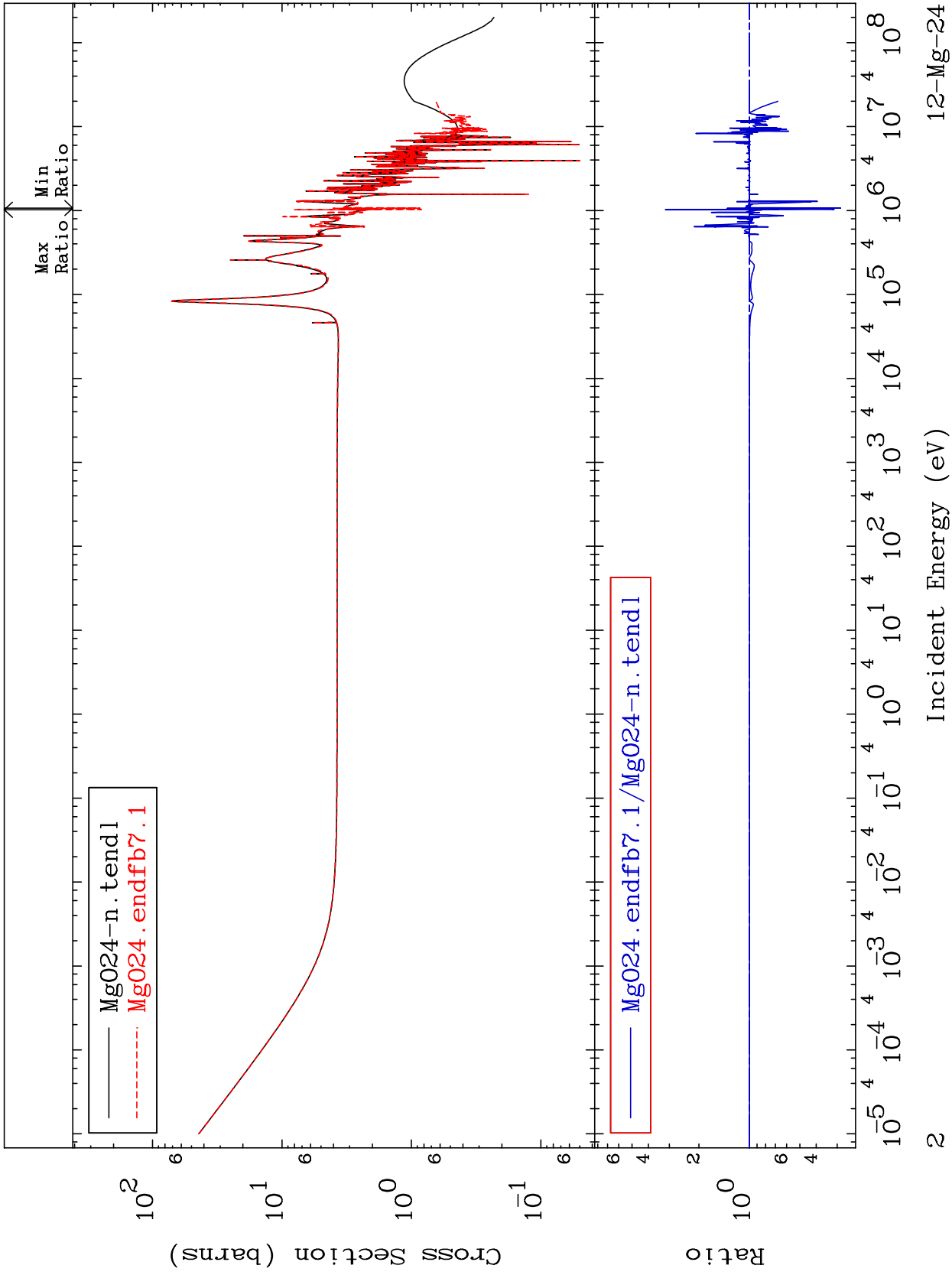
12-Mg-24
-71.40 To 216.2 %



MAT 1225

Elastic
Cross Section

12-Mg-24
-71.41 To 216.2 %

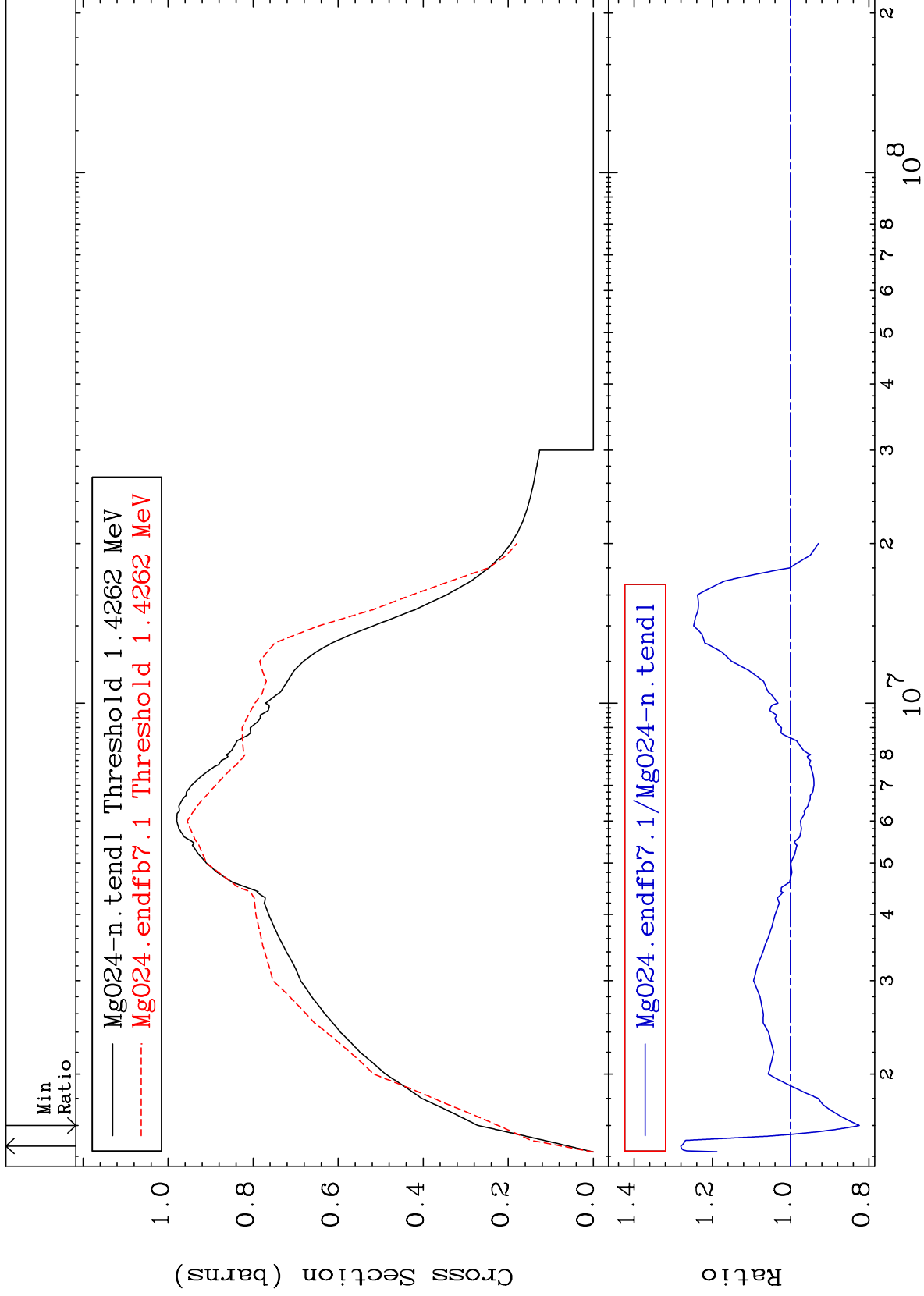


12-Mg-24

MAT 1225

Inelastic
Cross Section

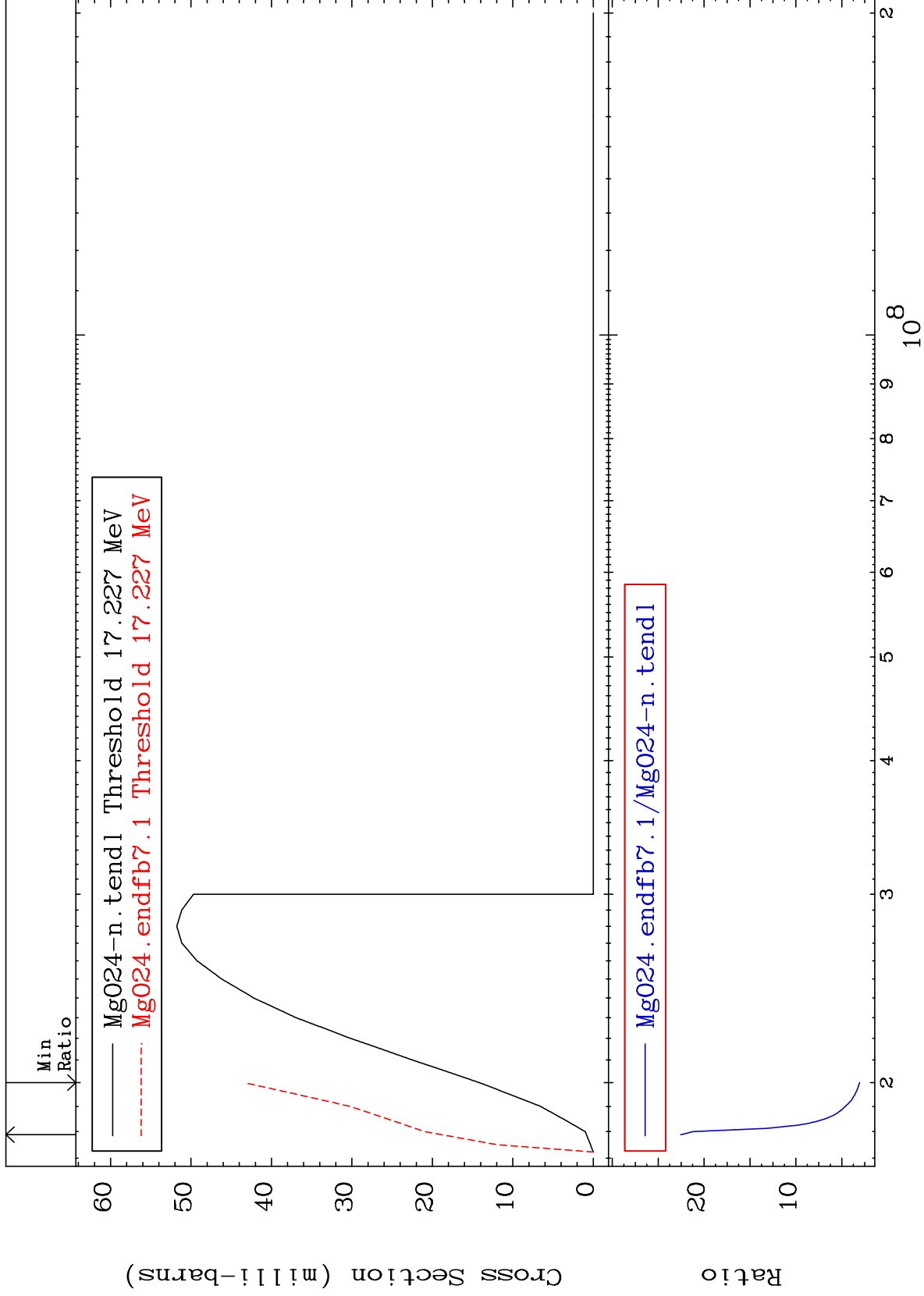
12-Mg-24
-17.61 To 28.07 %



MAT 1225

(n,2n)
Cross Section

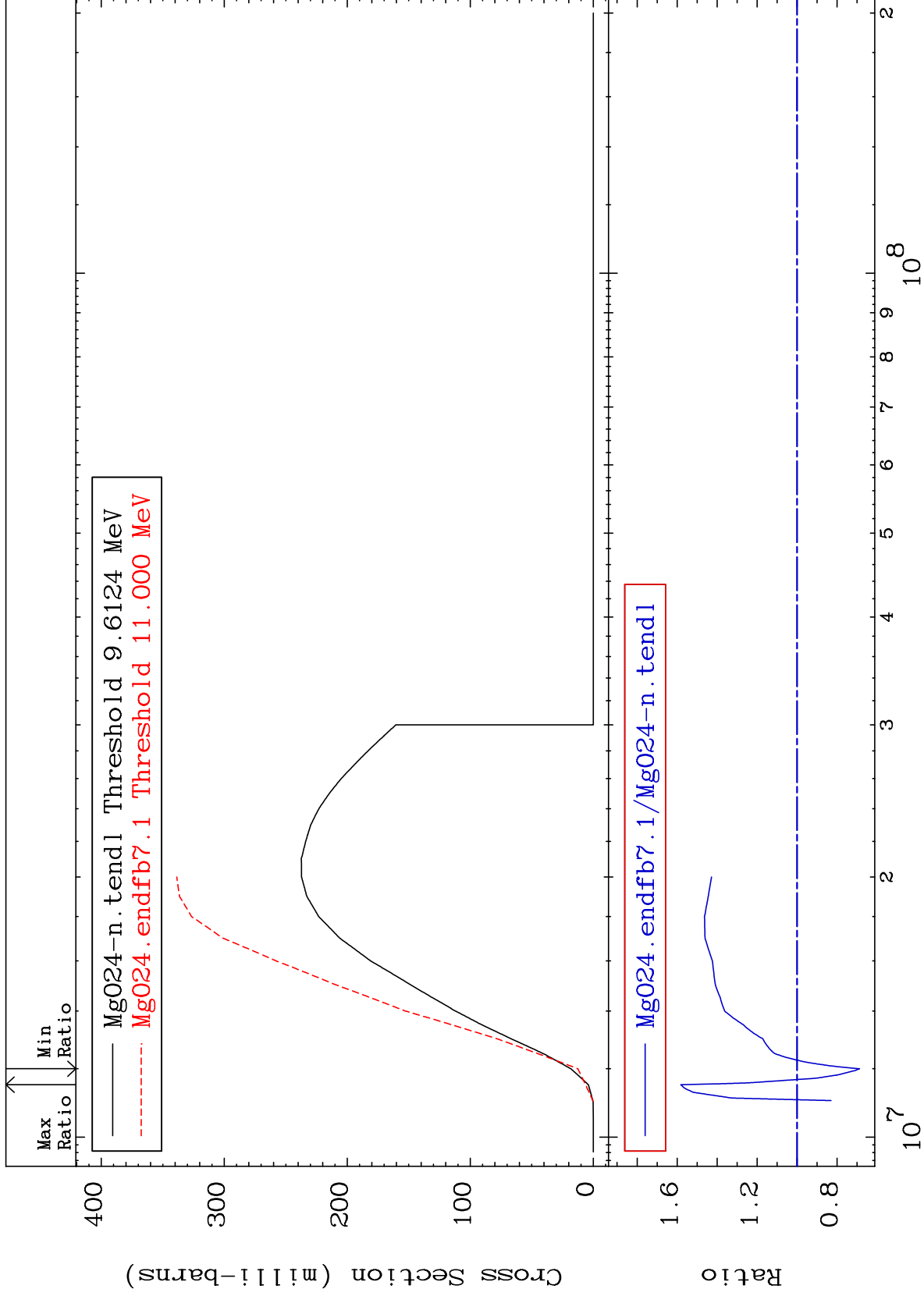
12-Mg-24
206.3 To 2154. %



MAT 1225

(n, n') α
Cross Section

12-Mg-24
-31.23 To 58.17 %



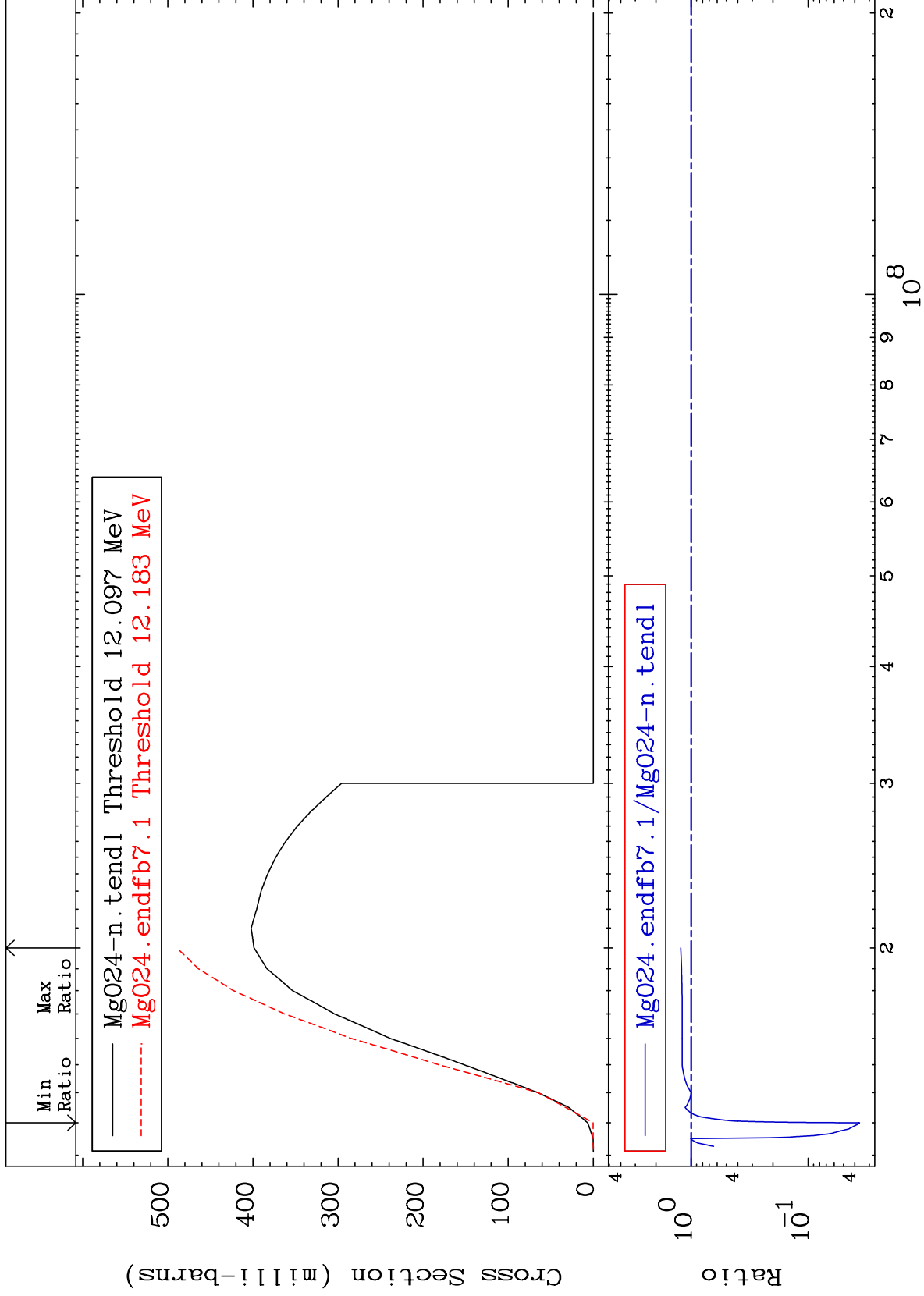
Incident Energy (eV)

12-Mg-24

MAT 1225

(n, n') p
Cross Section

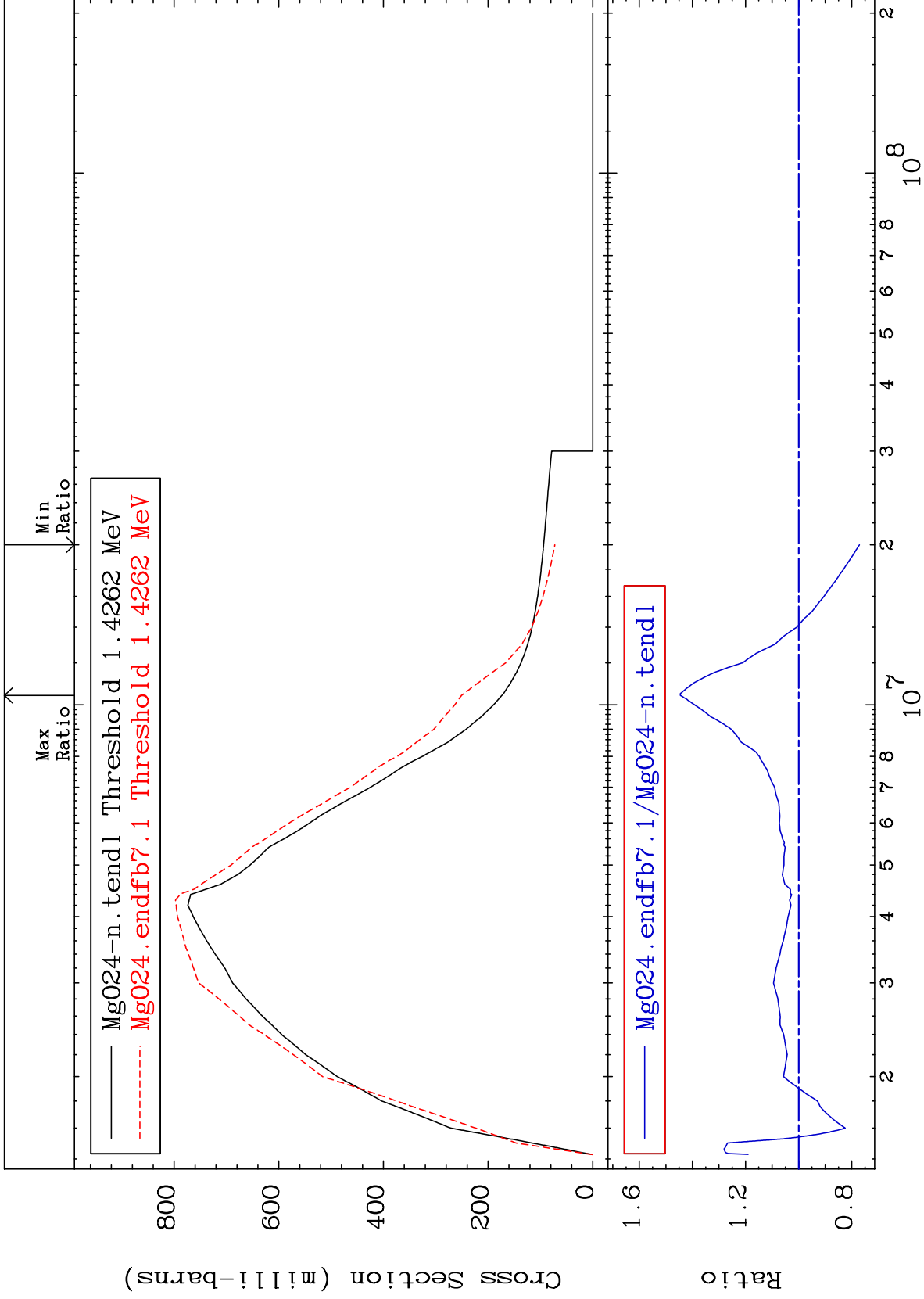
12-Mg-24
-96.36 To 22.76 %



MAT 1225

1.369 MeV (n,n') Level
Cross Section

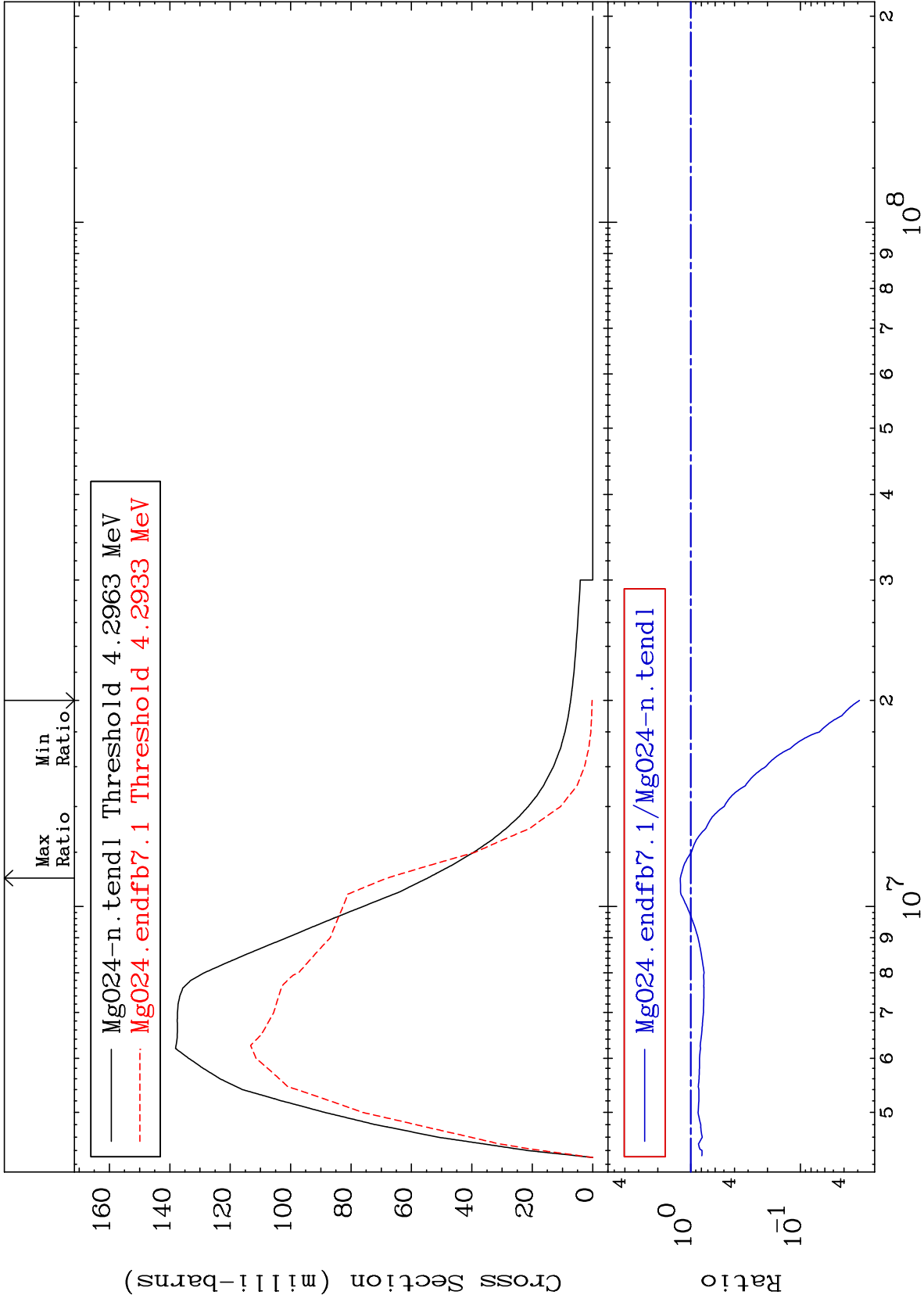
12-Mg-24
-22.88 To 44.54 %



MAT 1225

4.123 MeV (n,n') Level
Cross Section

12-Mg-24
-97.10 To 24.54 %



8

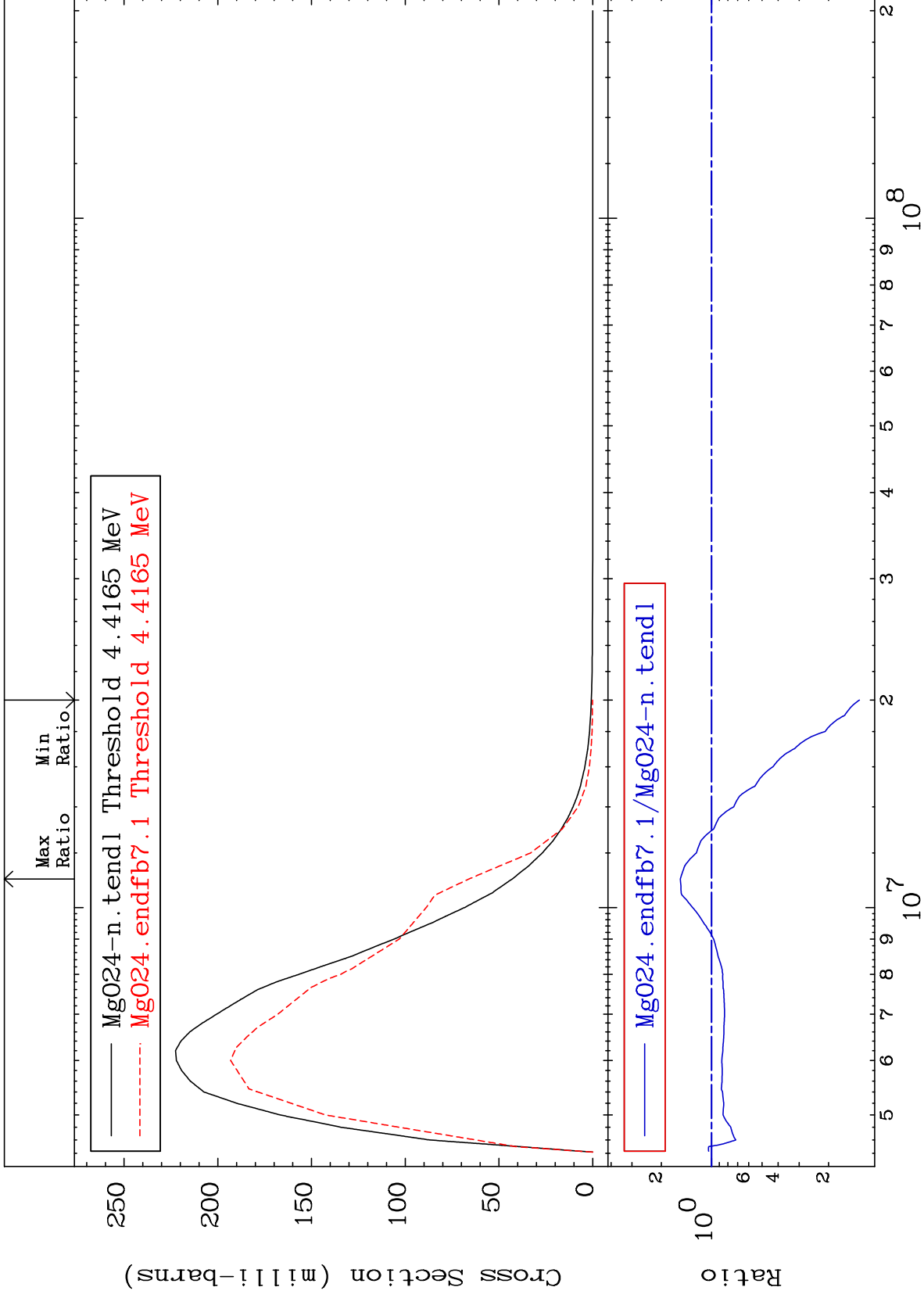
12-Mg-24

12-Mg-24

MAT 1225

4.238 MeV (n,n') Level
Cross Section

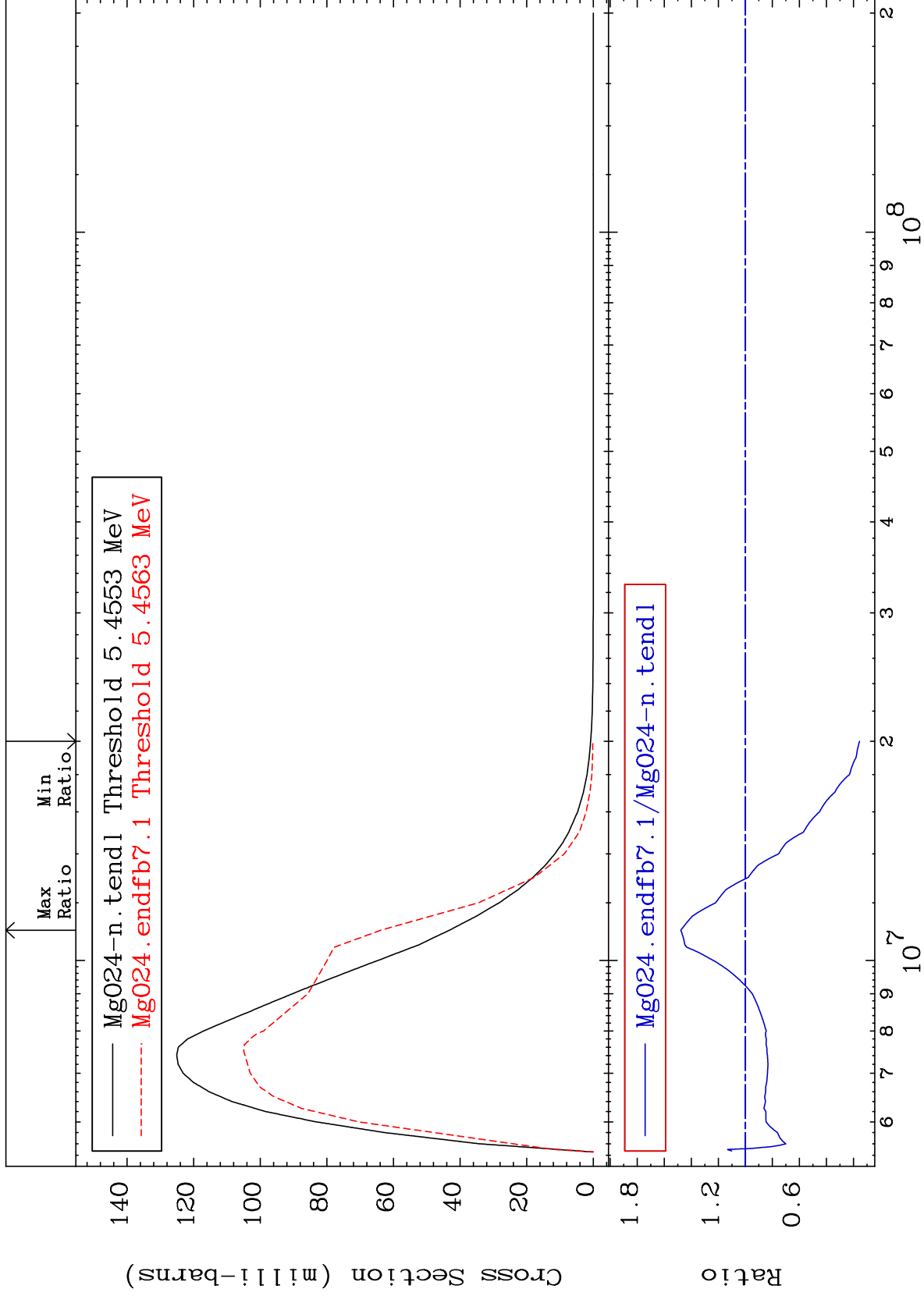
12-Mg-24
-86.93 To 53.89 %



MAT 1225

5.235 MeV (n,n') Level
Cross Section

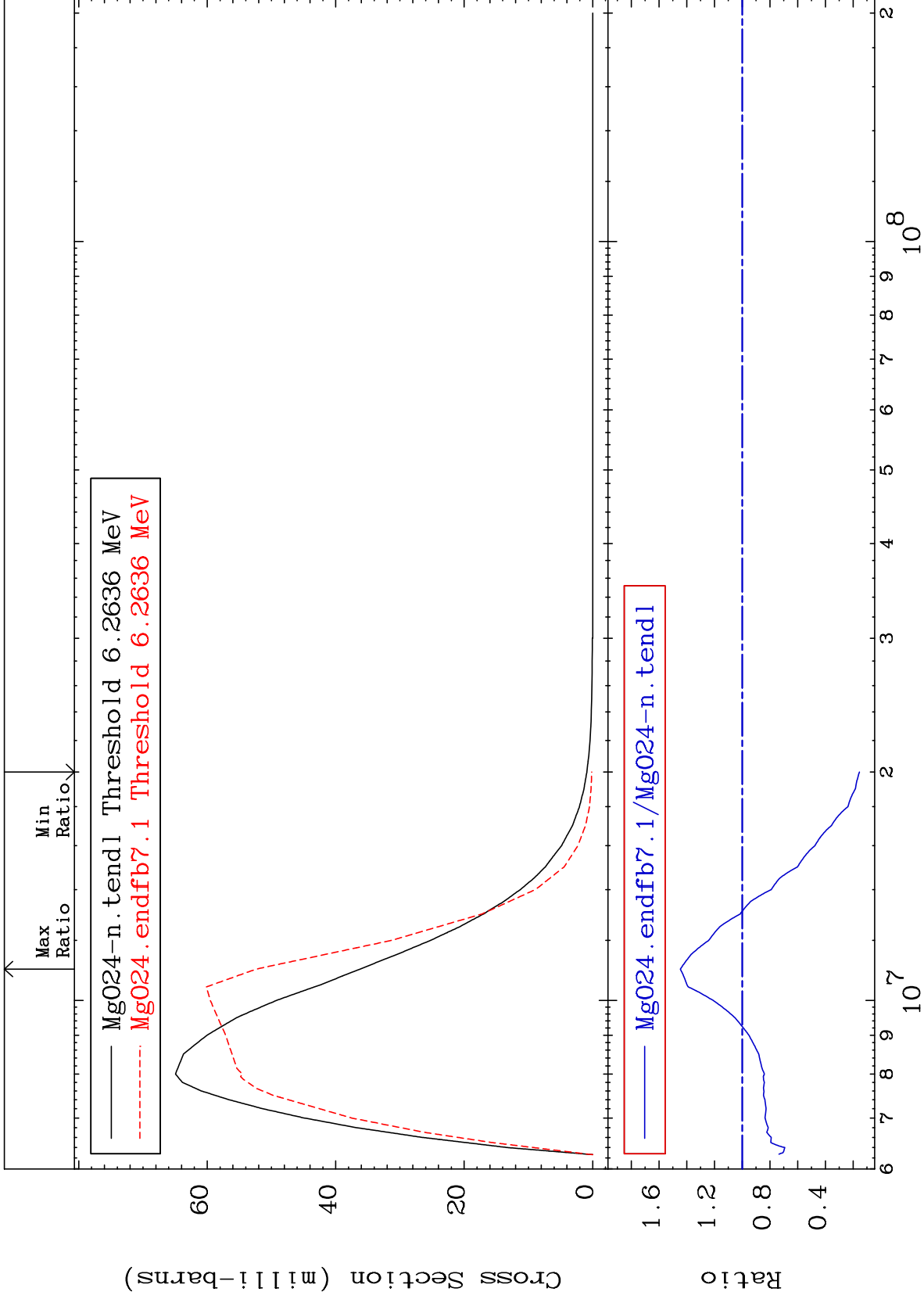
12-Mg-24
-84.50 To 47.79 %



MAT 1225

6.011 MeV (n,n') Level
Cross Section

12-Mg-24
-84.52 To 44.58 %



11

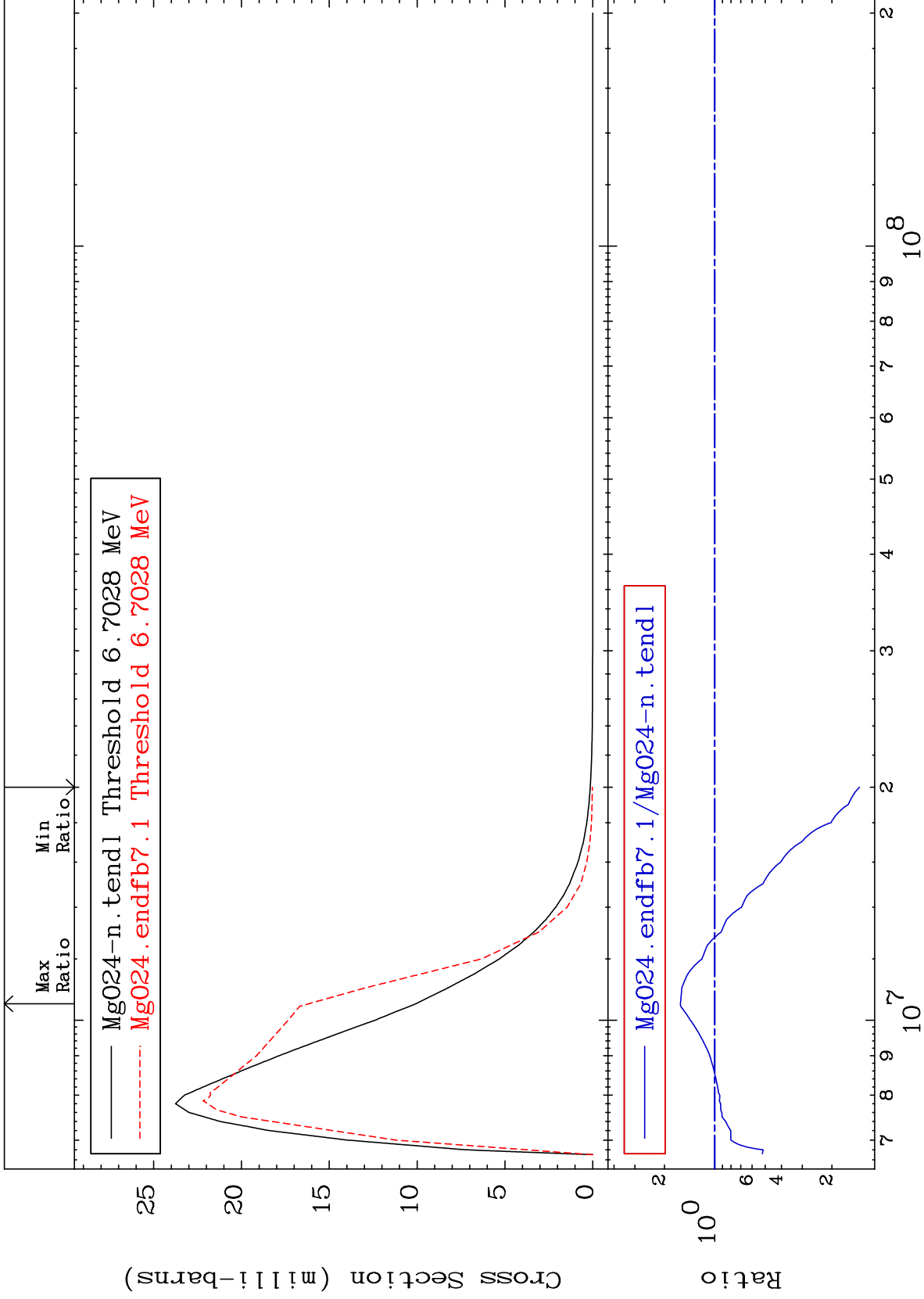
Incident Energy (eV)

12-Mg-24

MAT 1225

6.432 MeV (n,n') Level
Cross Section

12-Mg-24
-86.30 To 60.57 %



12

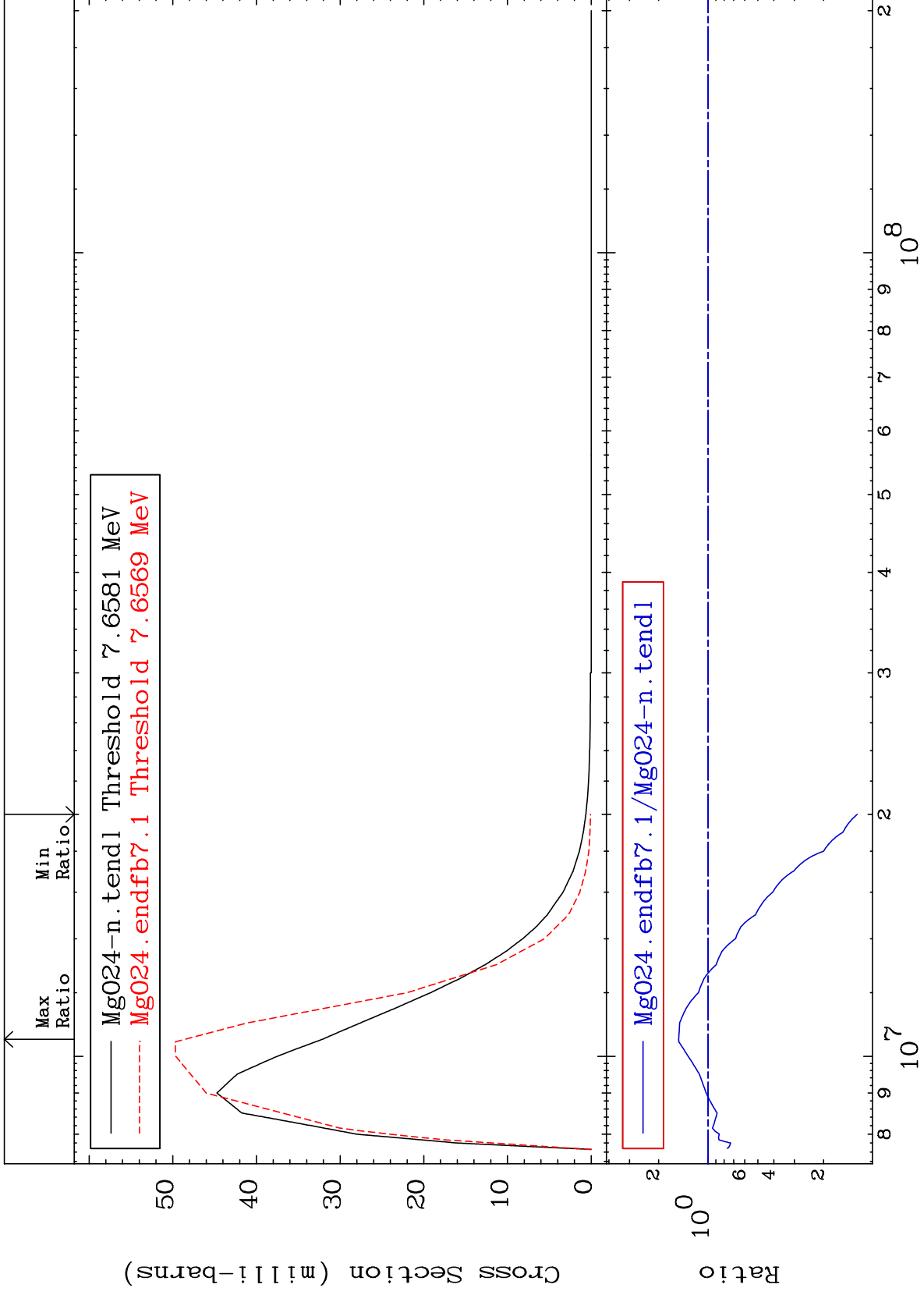
Incident Energy (eV)

12-Mg-24

MAT 1225

7.349 MeV (n,n') Level
Cross Section

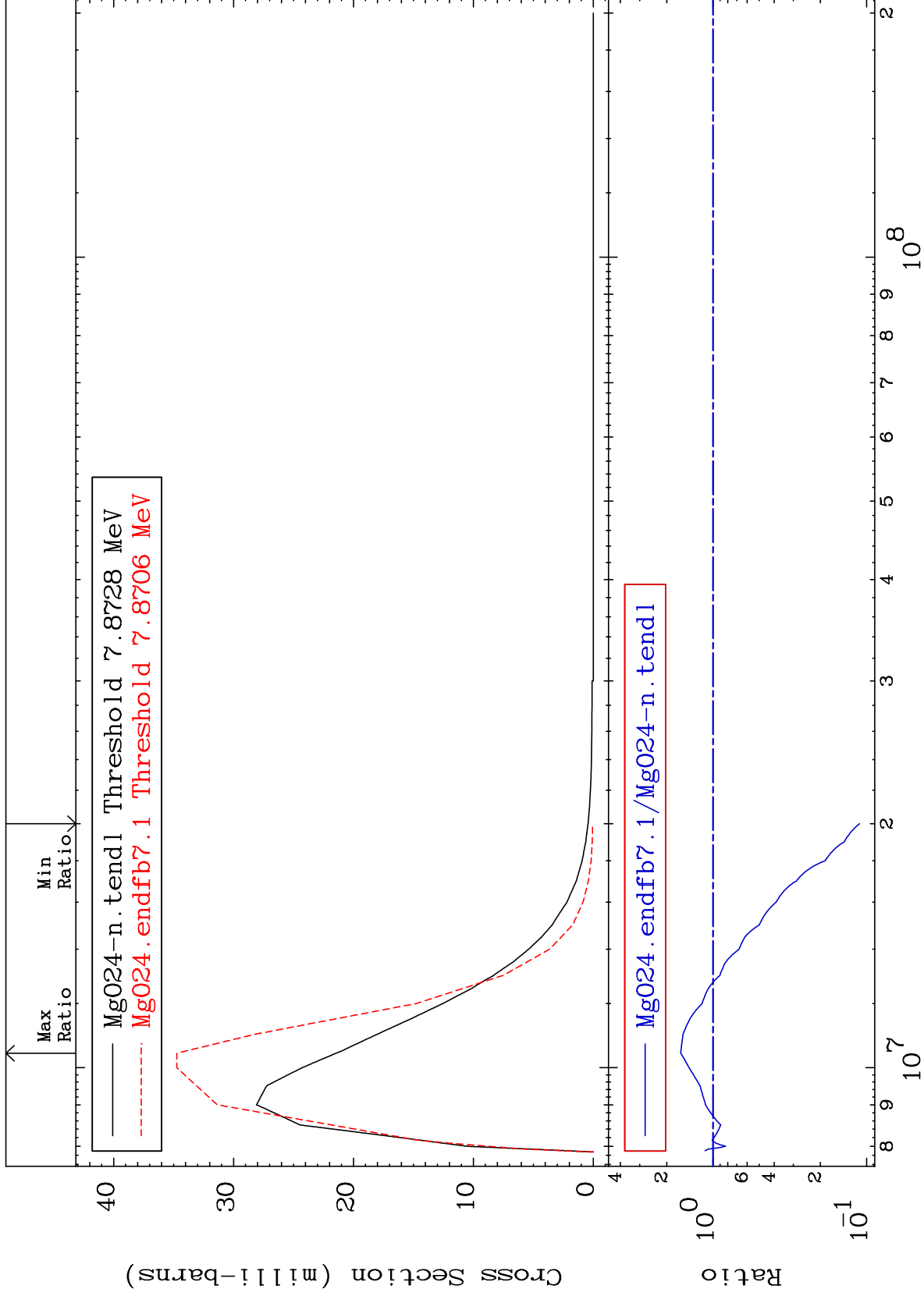
12-Mg-24
-87.52 To 51.10 %



MAT 1225

7.555 MeV (n,n') Level
Cross Section

12-Mg-24
-88.87 To 62.02 %

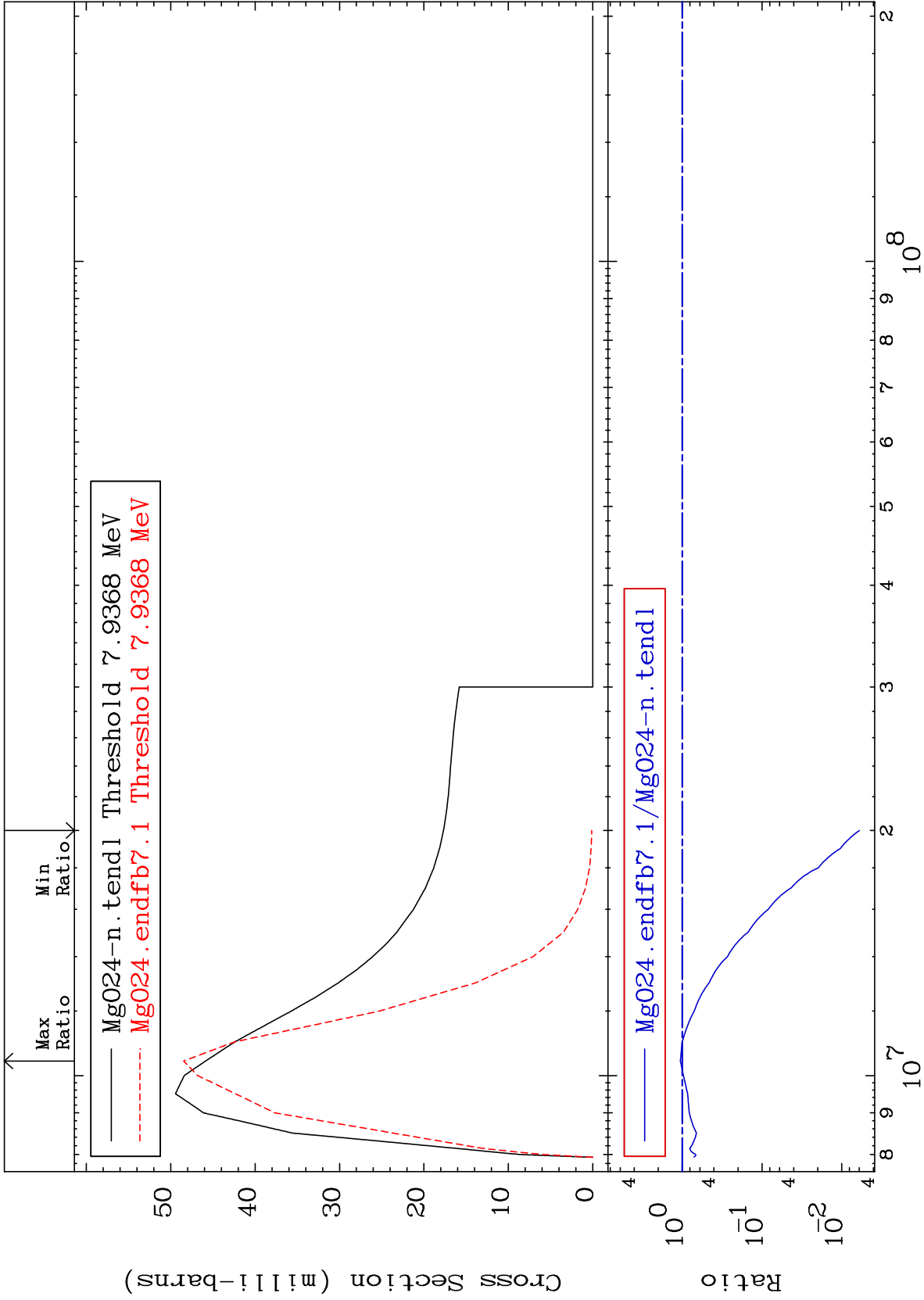


14

MAT 1225

7.616 MeV (n,n') Level
Cross Section

12-Mg-24
-99.40 To 5.691 %



15

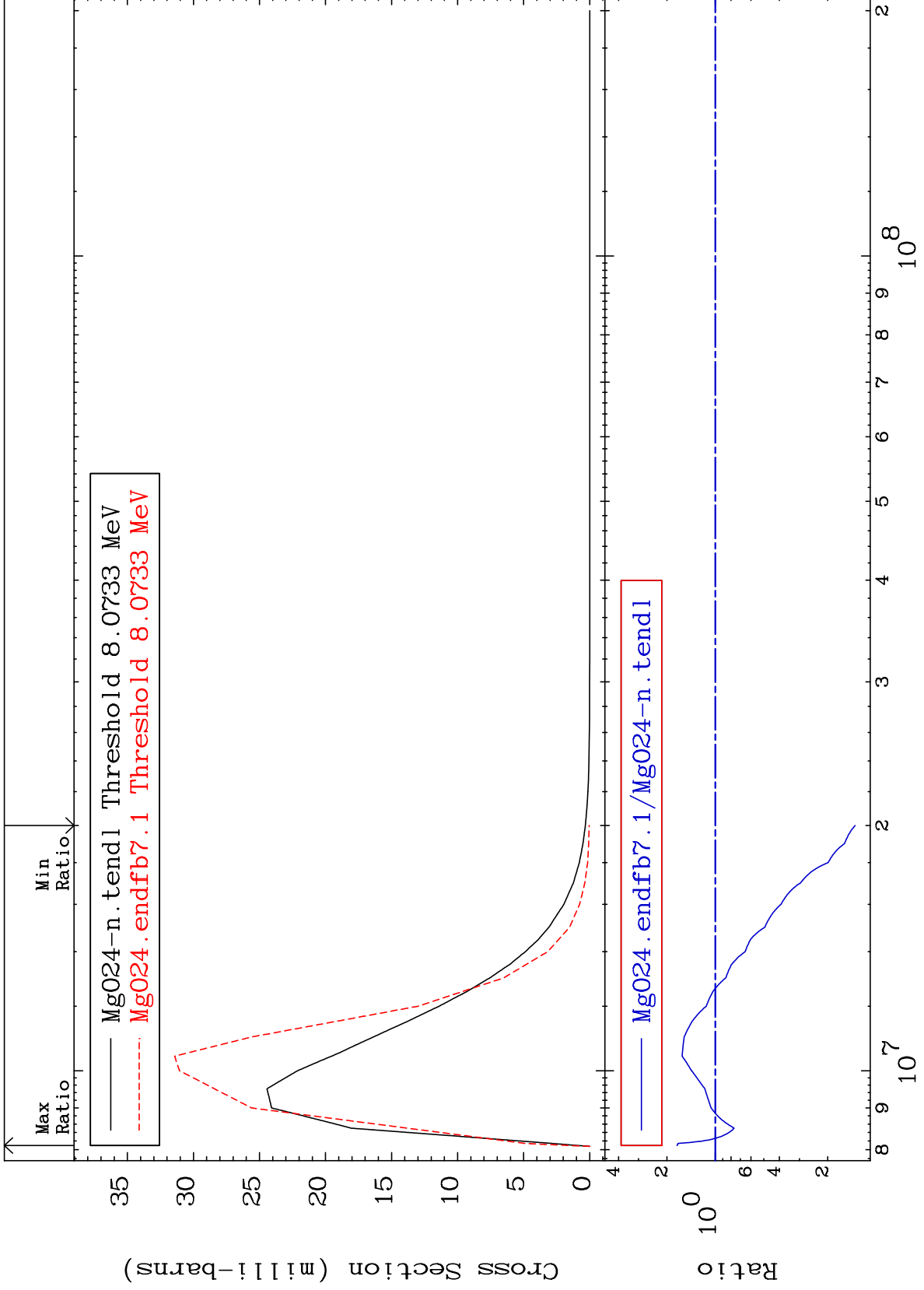
Incident Energy (eV)

12-Mg-24

MAT 1225

7.748 MeV (n,n') Level
Cross Section

12-Mg-24
-86.47 To 73.32 %



16

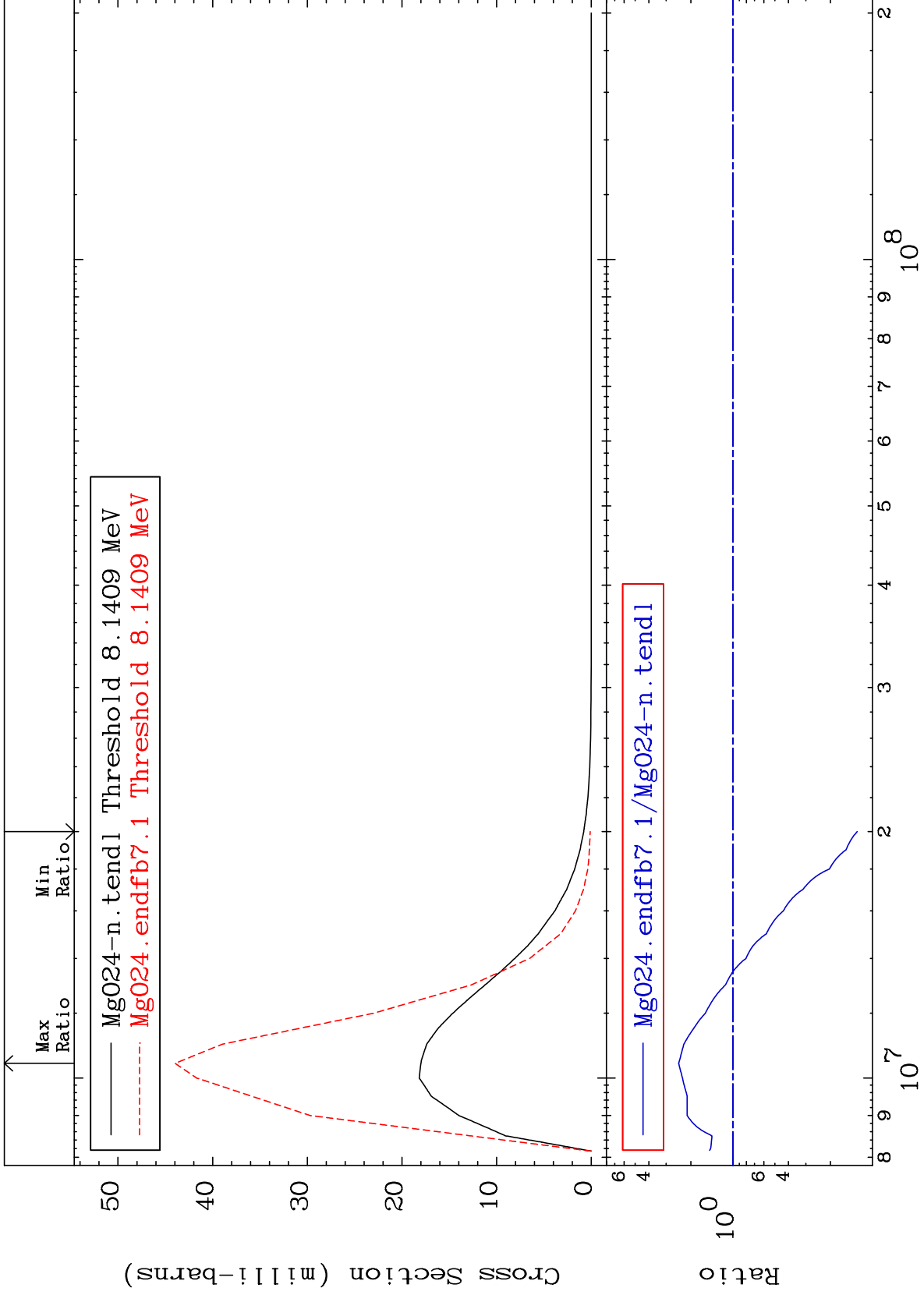
Incident Energy (eV)

12-Mg-24

MAT 1225

7.812 MeV (n,n') Level
Cross Section

12-Mg-24
-87.14 To 144.4 %



17

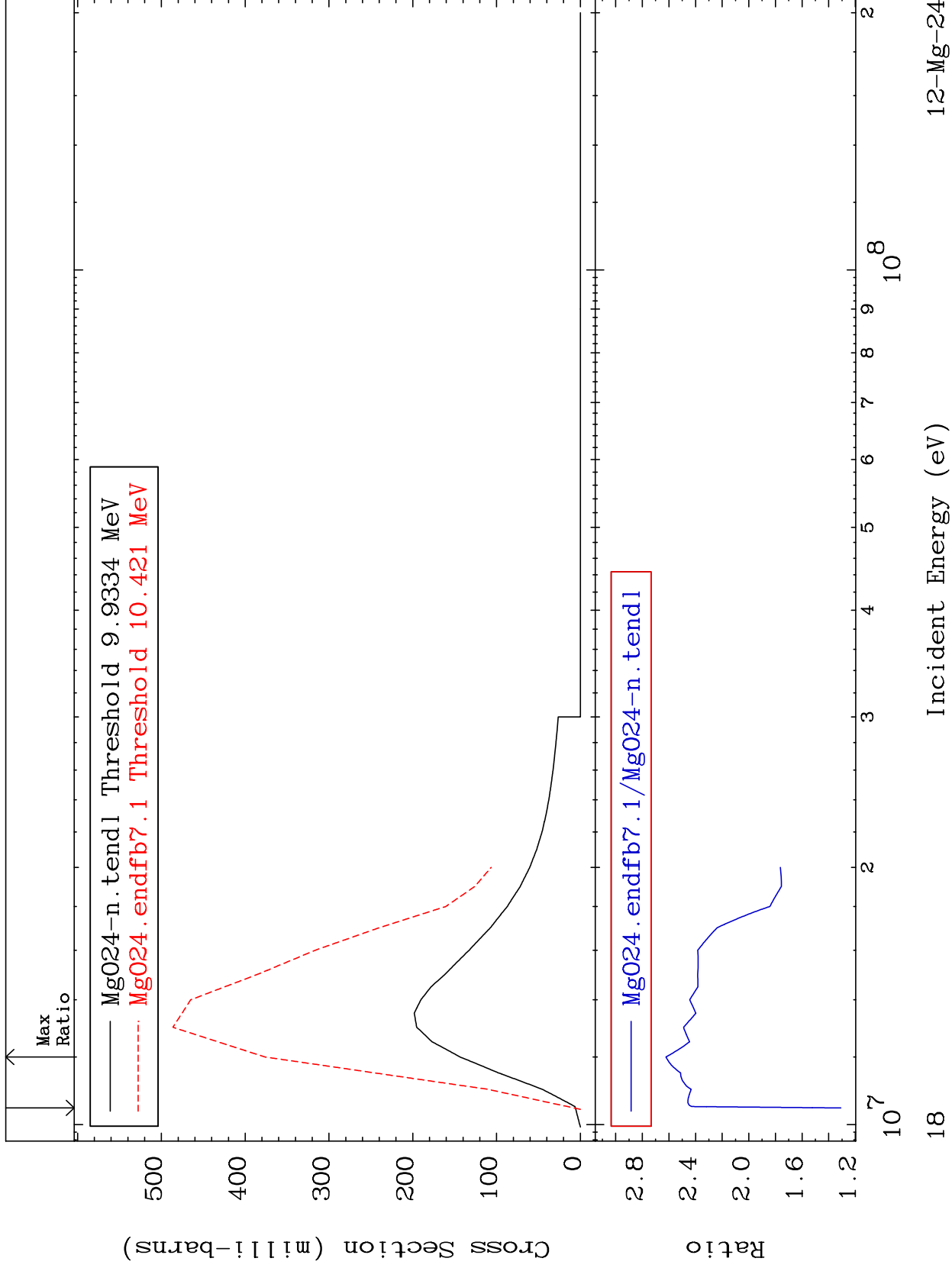
Incident Energy (eV)

12-Mg-24

MAT 1225

(n, n') Continuum
Cross Section

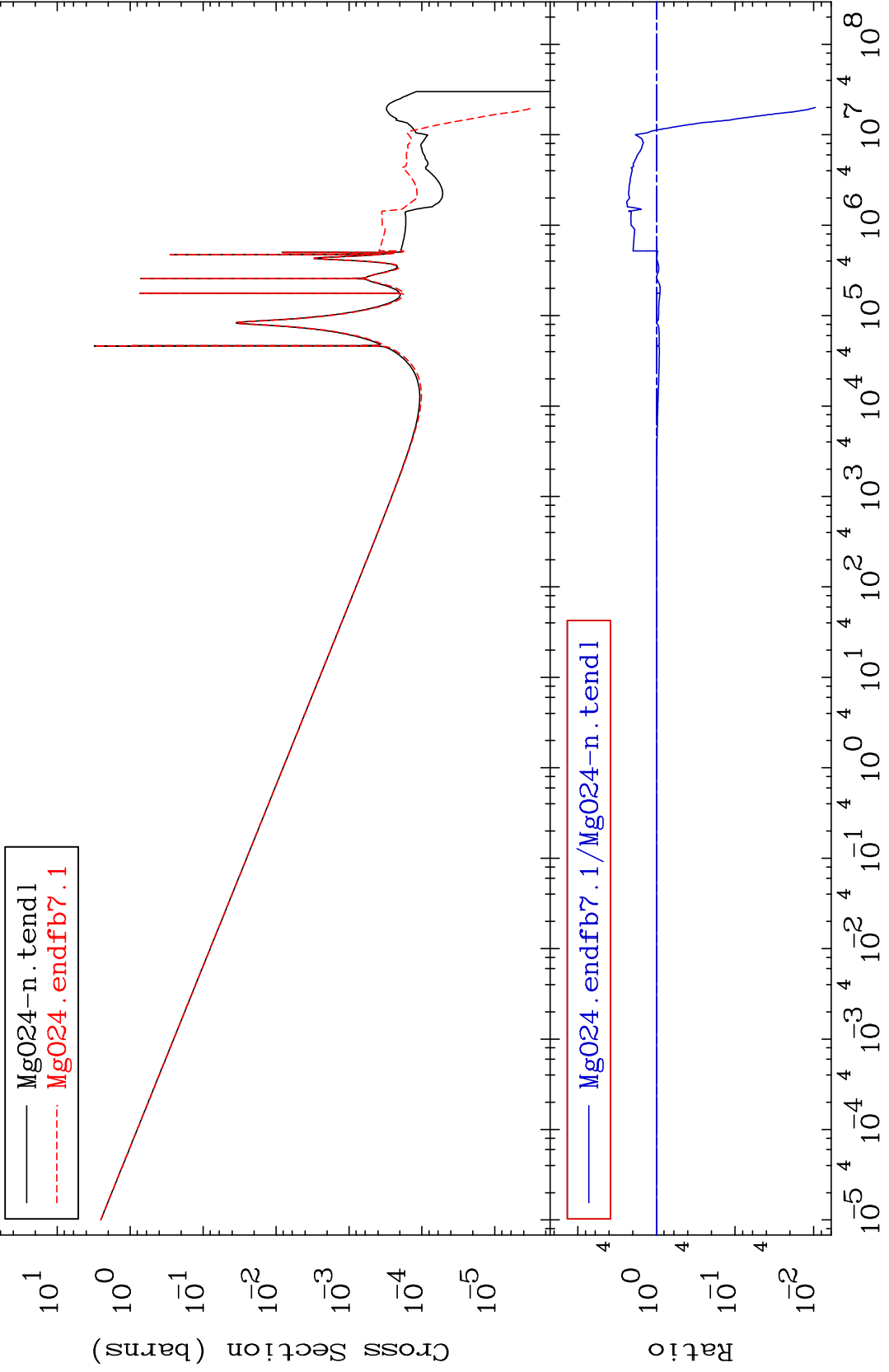
12-Mg-24
30.88 To 162.2 %



MAT 1225

(n, γ)
Cross Section

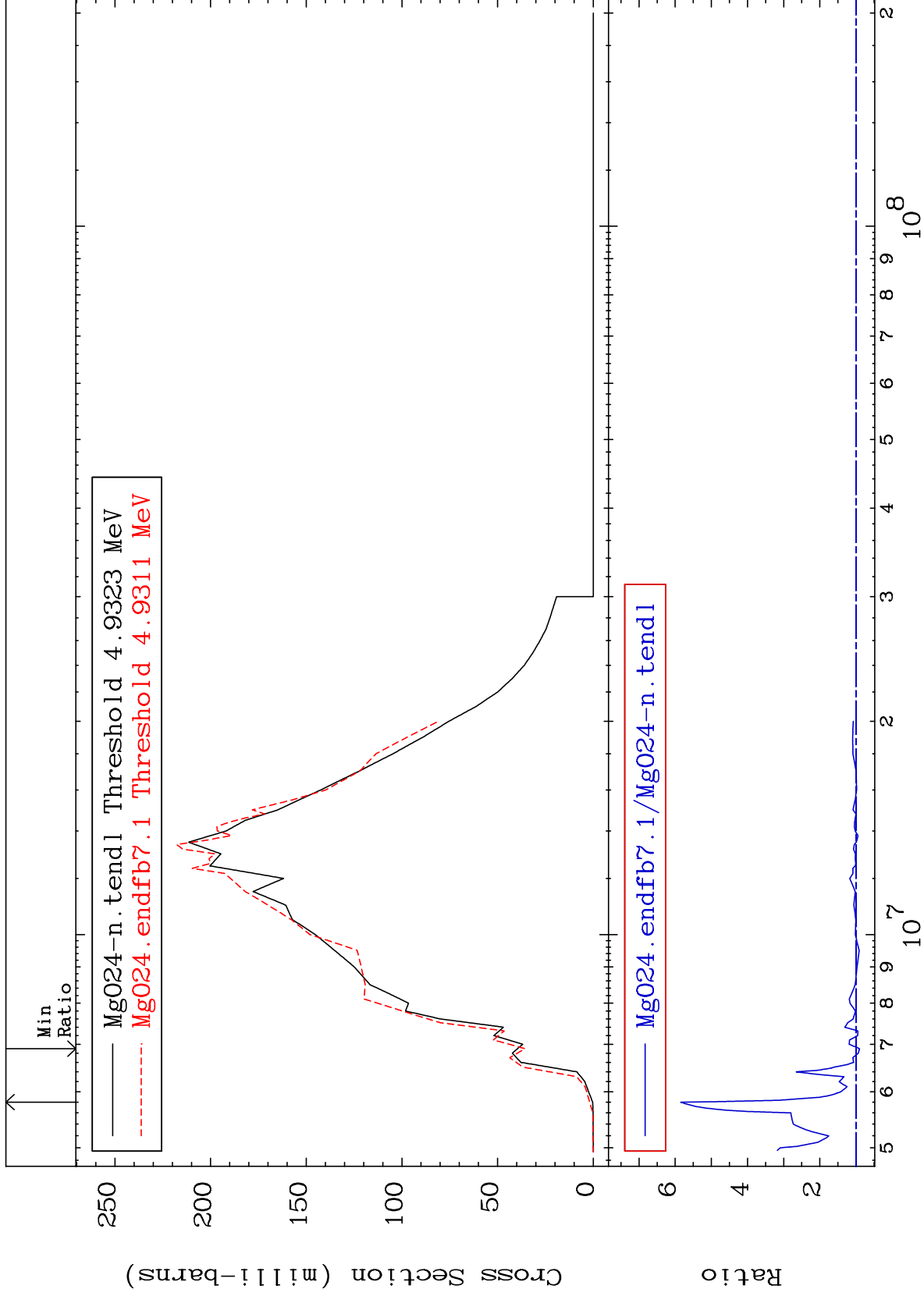
12-Mg-24
-99.04 To 140.6 %



MAT 1225

(n,p)
Cross Section

12-Mg-24
-9.857 To 484.6 %



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Incident Energy (eV)

12-Mg-24

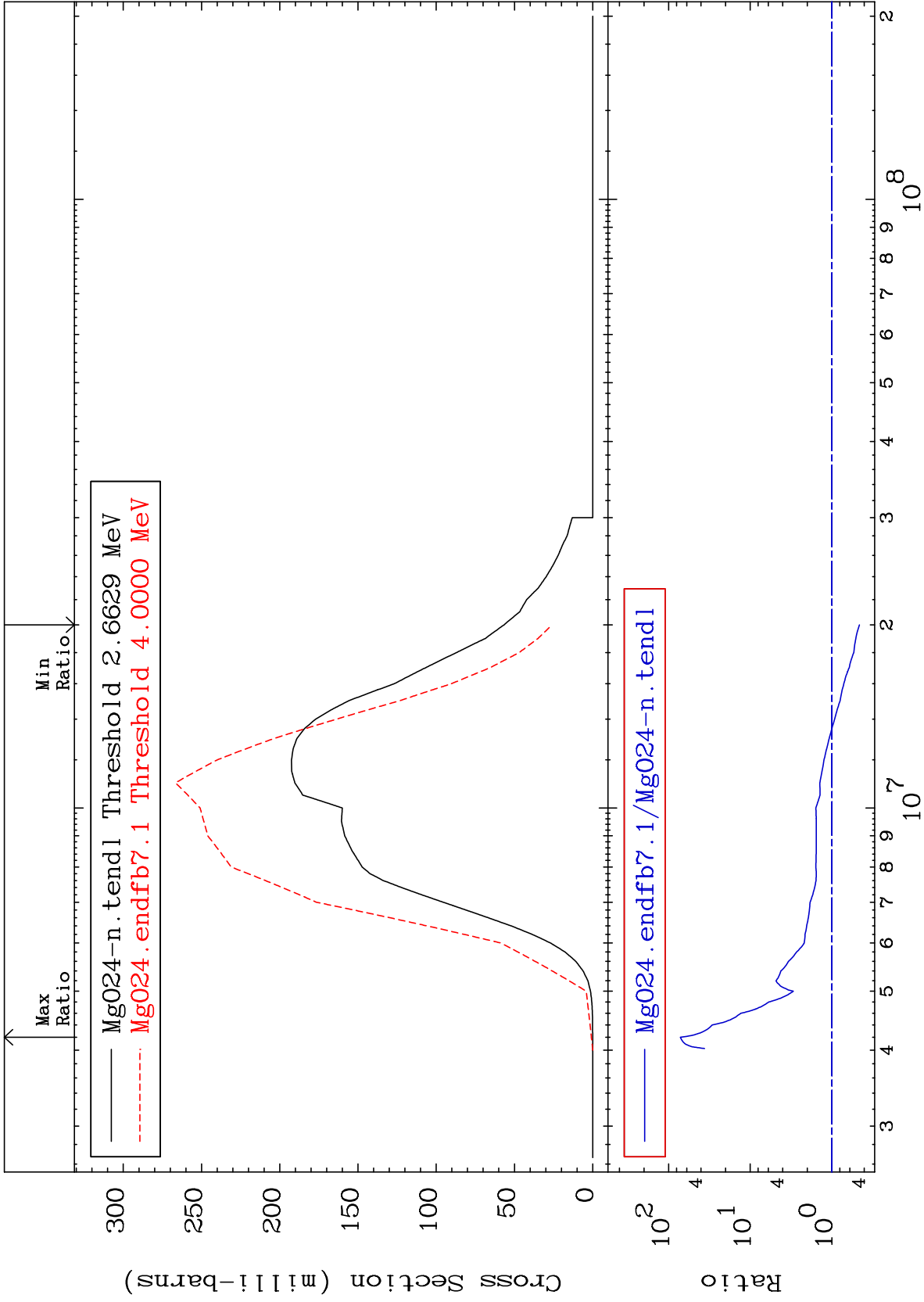
MAT 1225

(n, α)

12-Mg-24

Cross Section

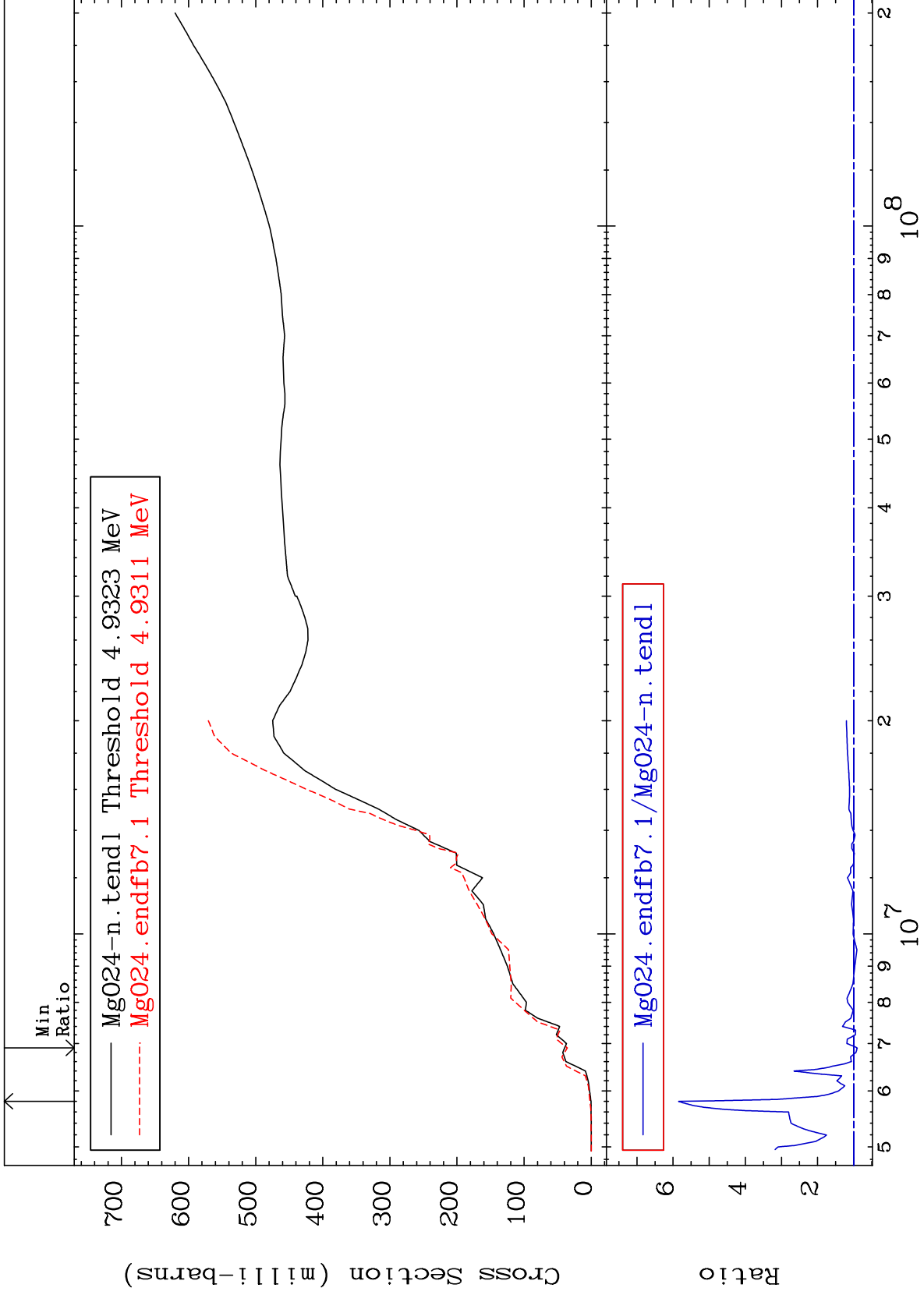
-54.11 To 7072. %



MAT 1225

Hydrogen Production
Cross Section

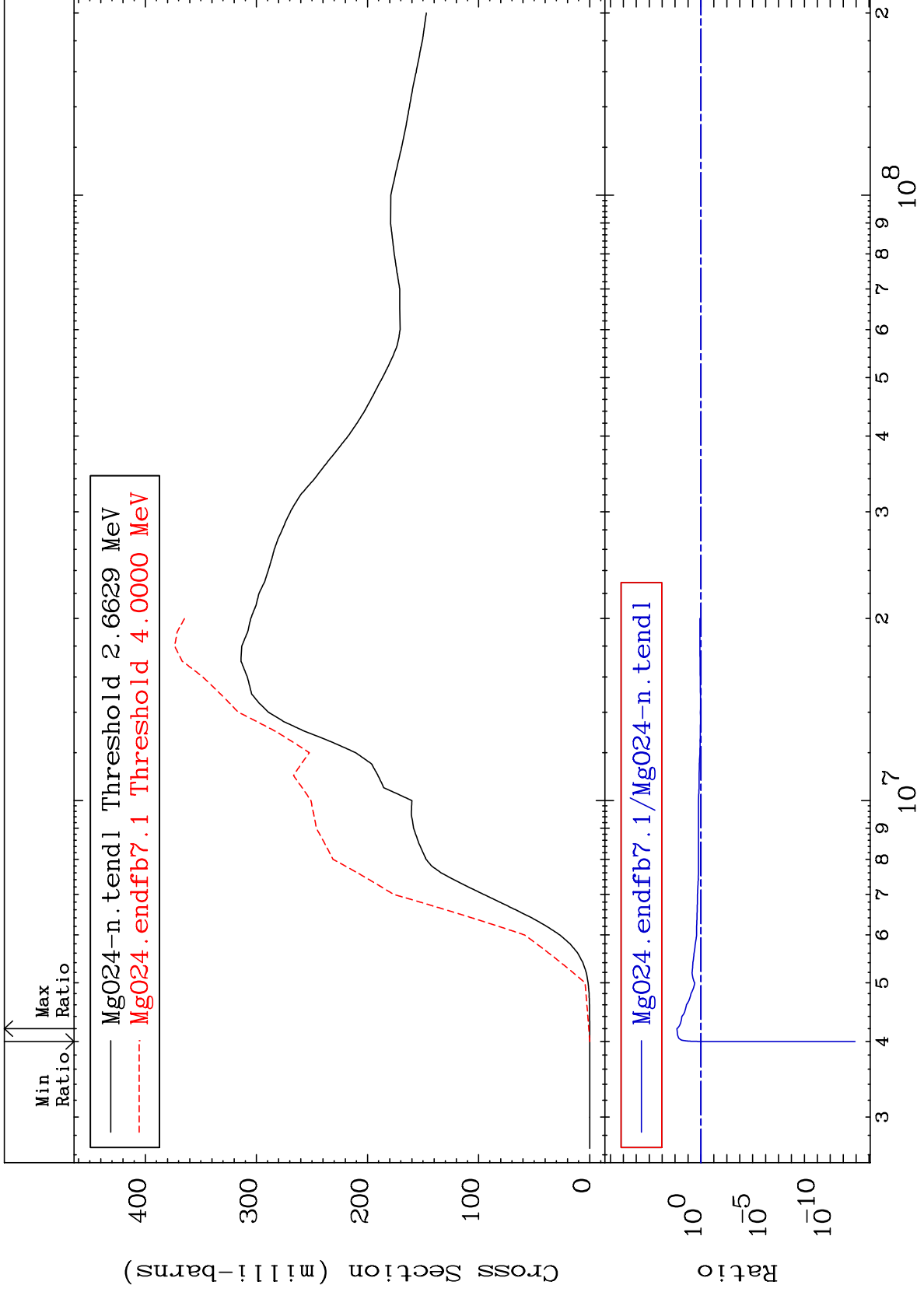
12-Mg-24
-9.857 To 484.6 %



MAT 1225

He-4 Production
Cross Section

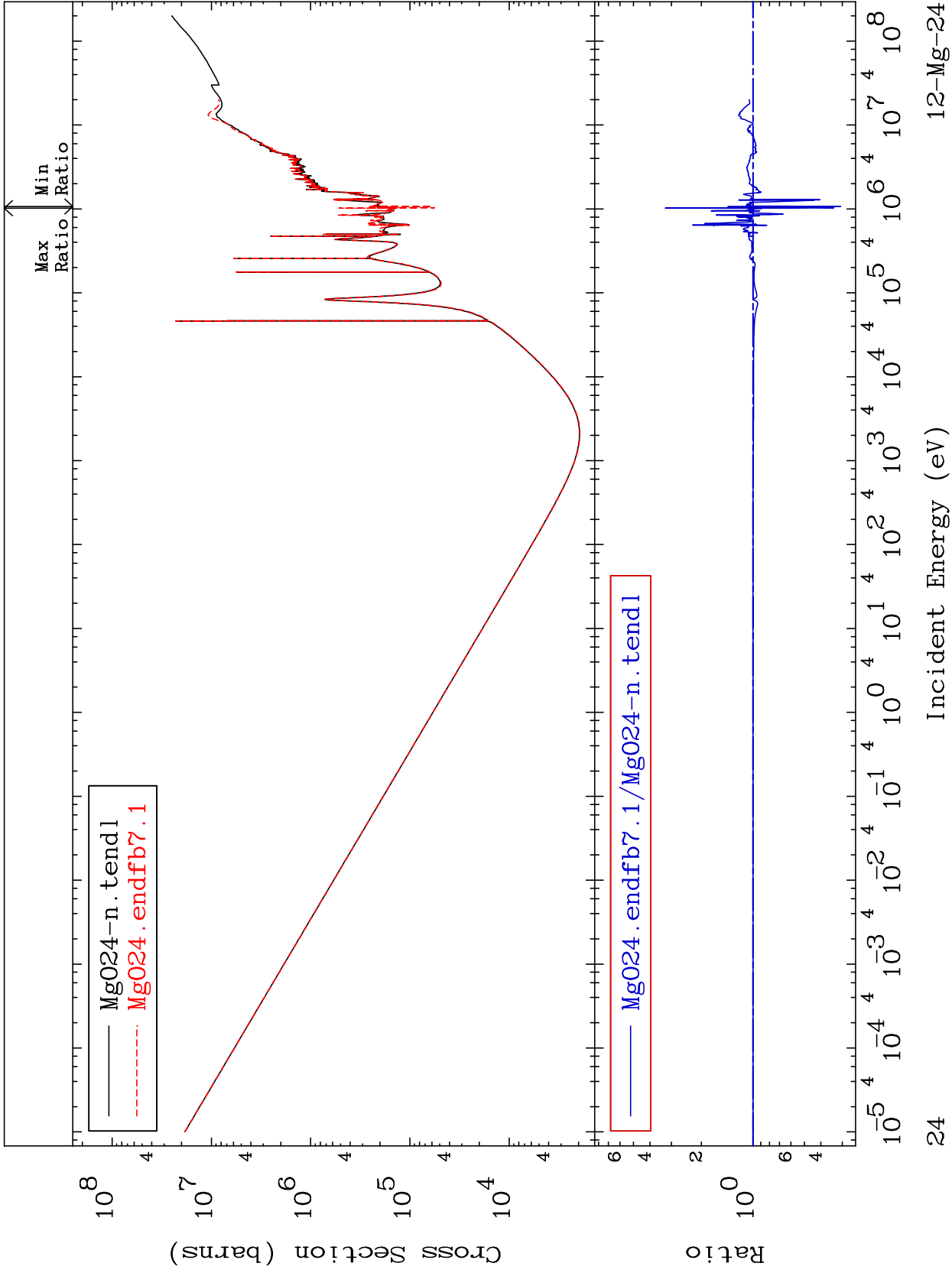
12-Mg-24
-100.0 To 7072. %



MAT 1225

Kerma total (eV-barns)
Cross Section

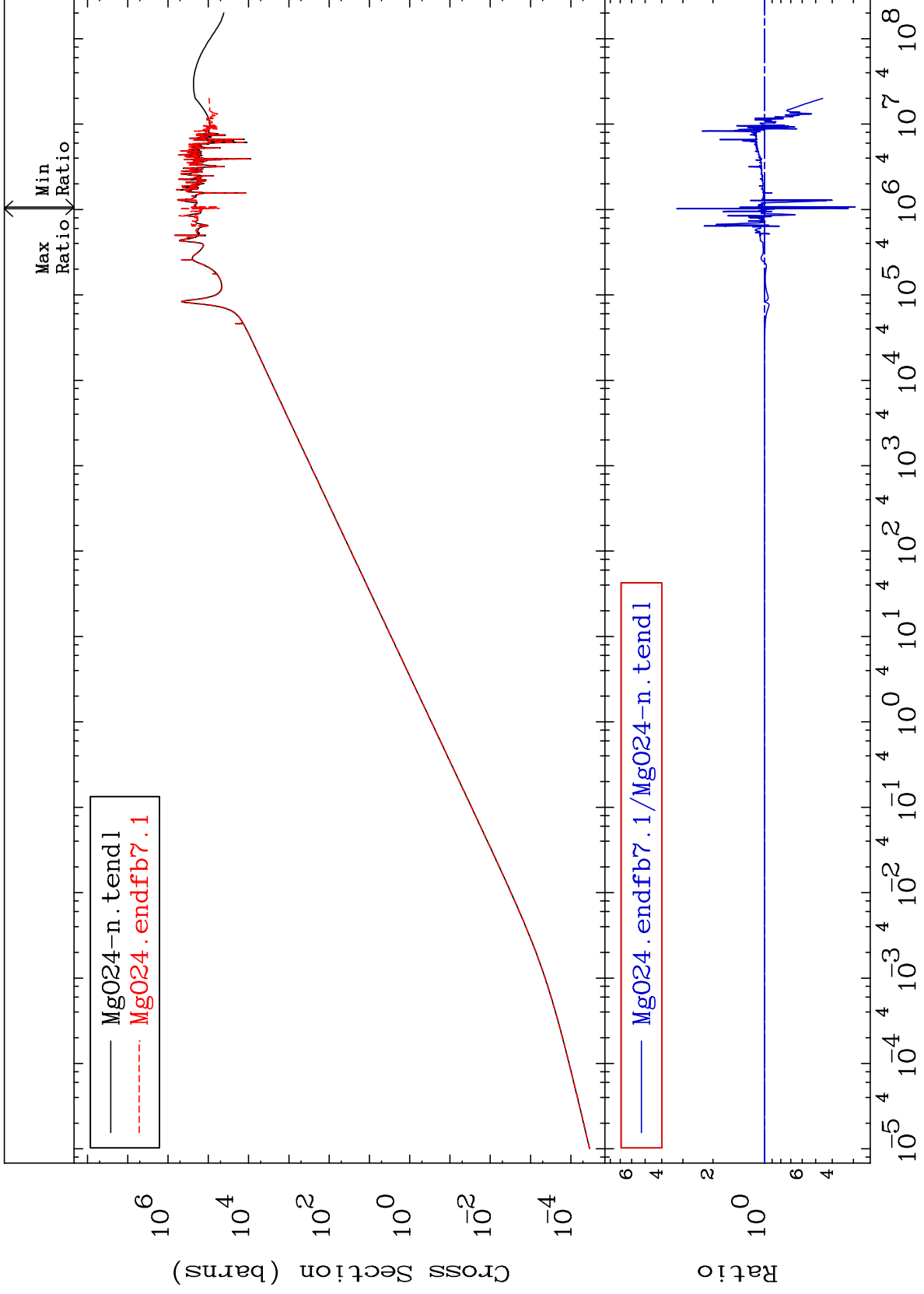
12-Mg-24
-69.33 To 224.6 %



MAT 1225

Kerma elastic
Cross Section

12-Mg-24
-70.63 To 225.6 %



25

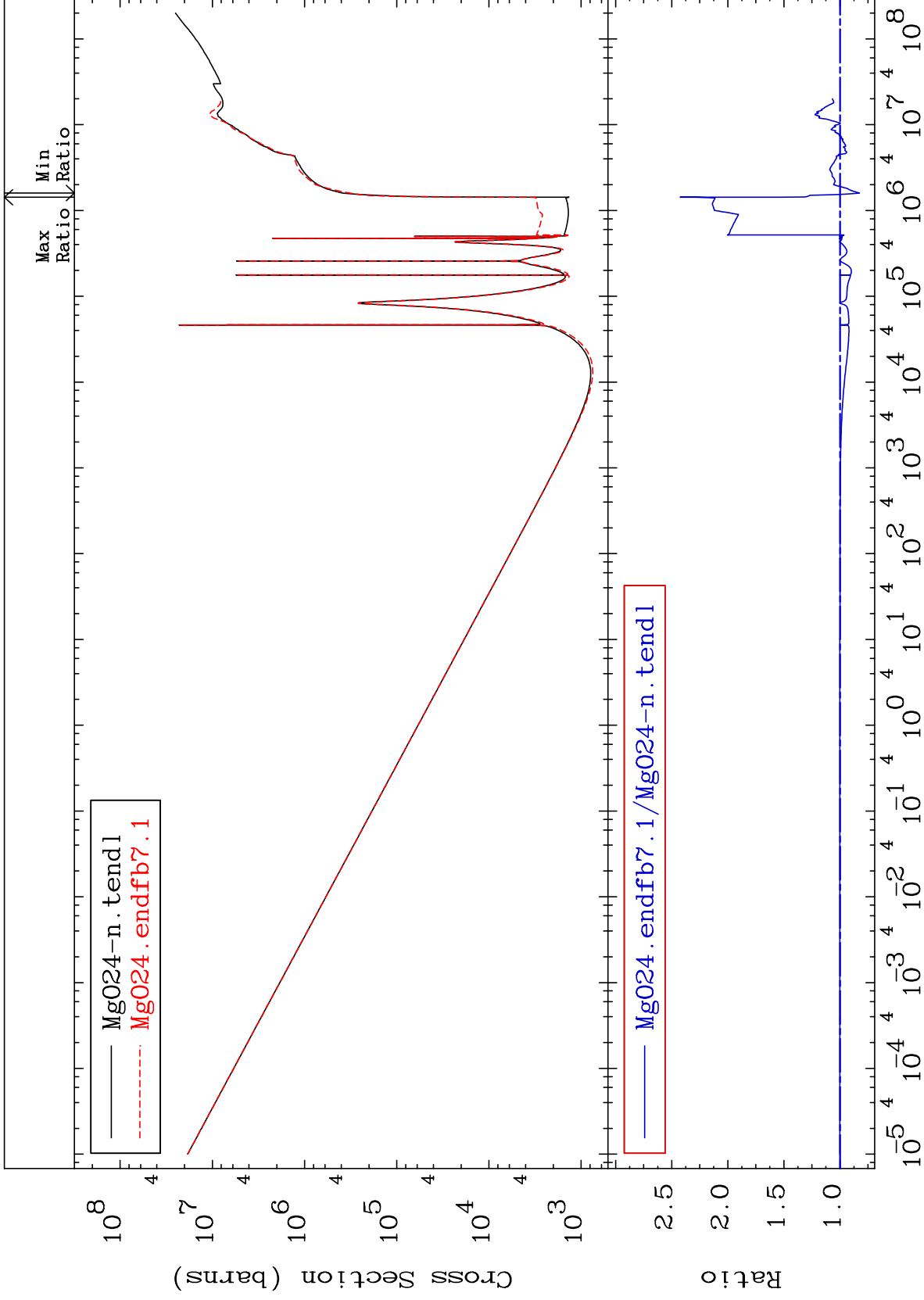
Incident Energy (eV)

12-Mg-24

MAT 1225

Kerma non-elastic (all but mt2)
Cross Section

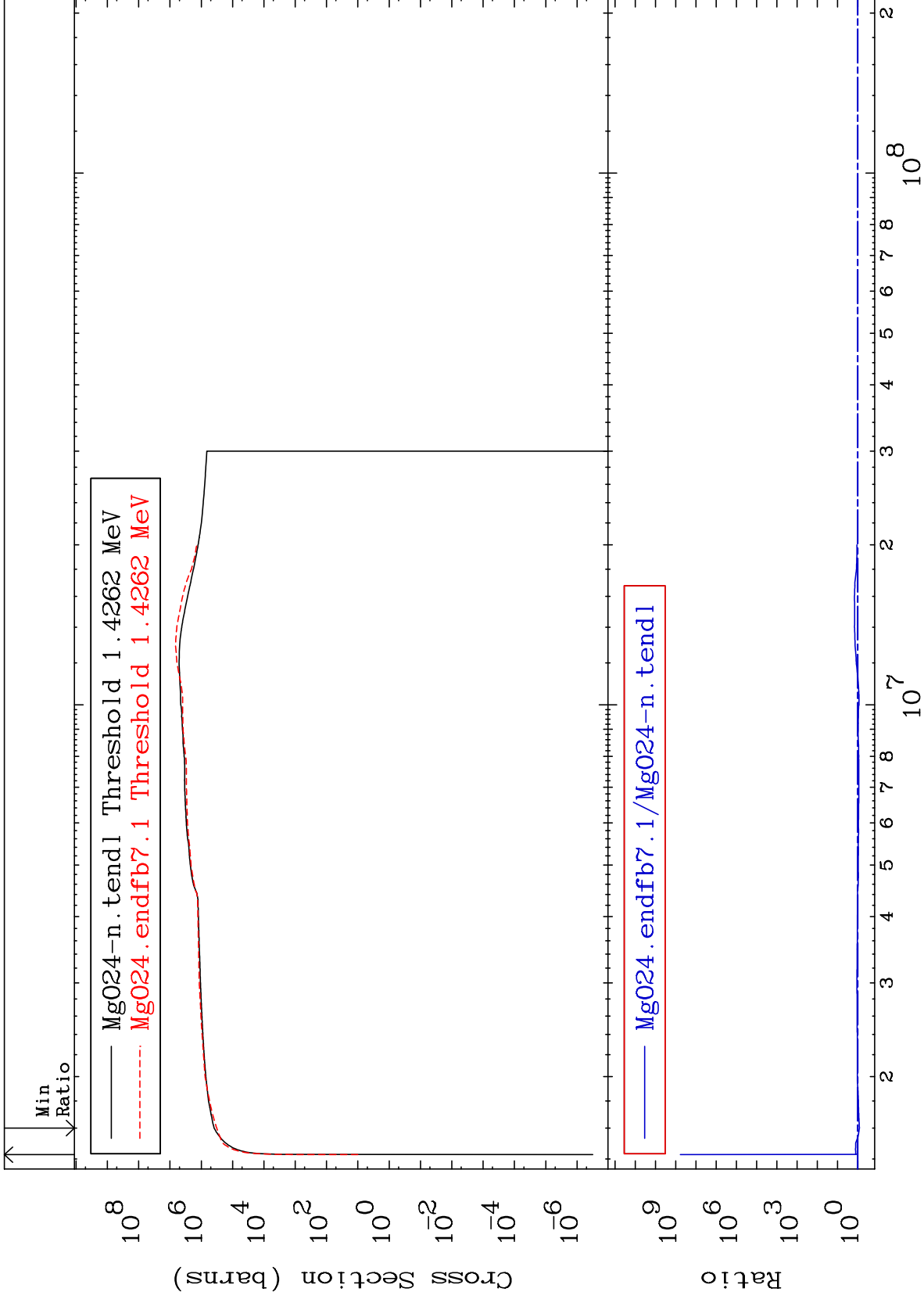
12-Mg-24
-17.37 To 142.3 %



26

Incident Energy (eV)

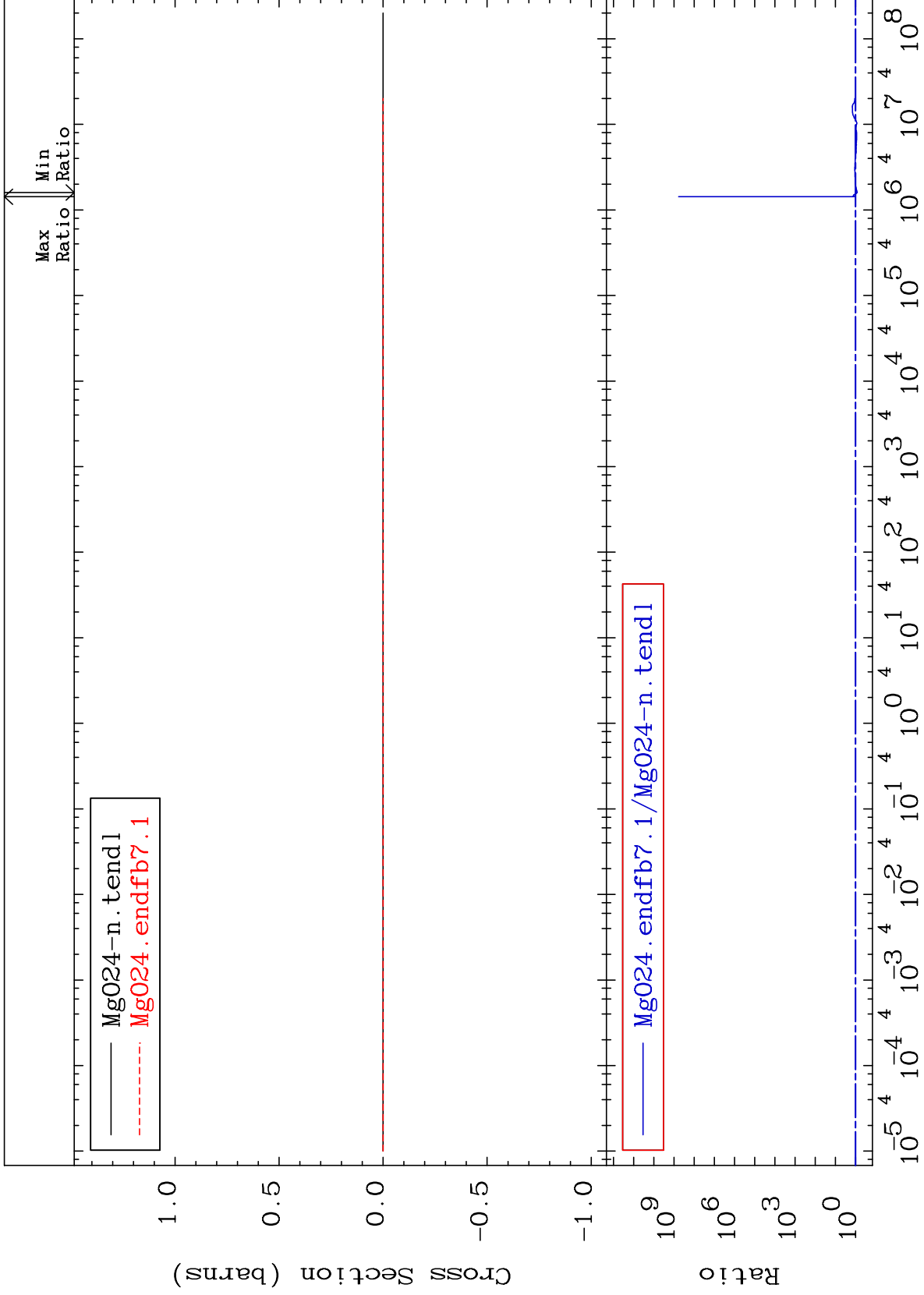
12-Mg-24



MAT 1225

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

12-Mg-24
-17.63 To 9999. %



28

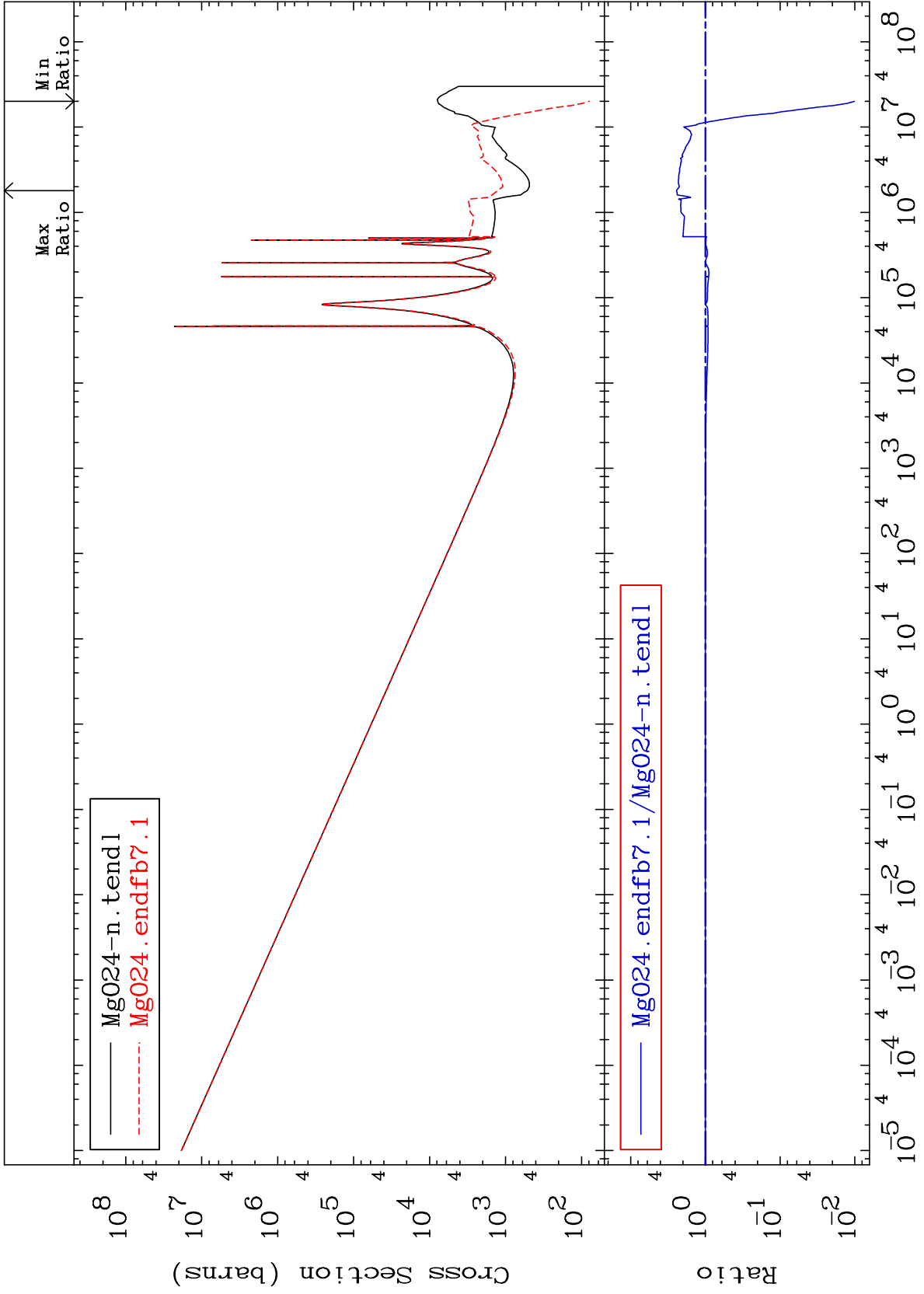
Incident Energy (eV)

12-Mg-24

MAT 1225

Kerma capture (mt102)
Cross Section

12-Mg-24
-98.98 To 144.5 %



29

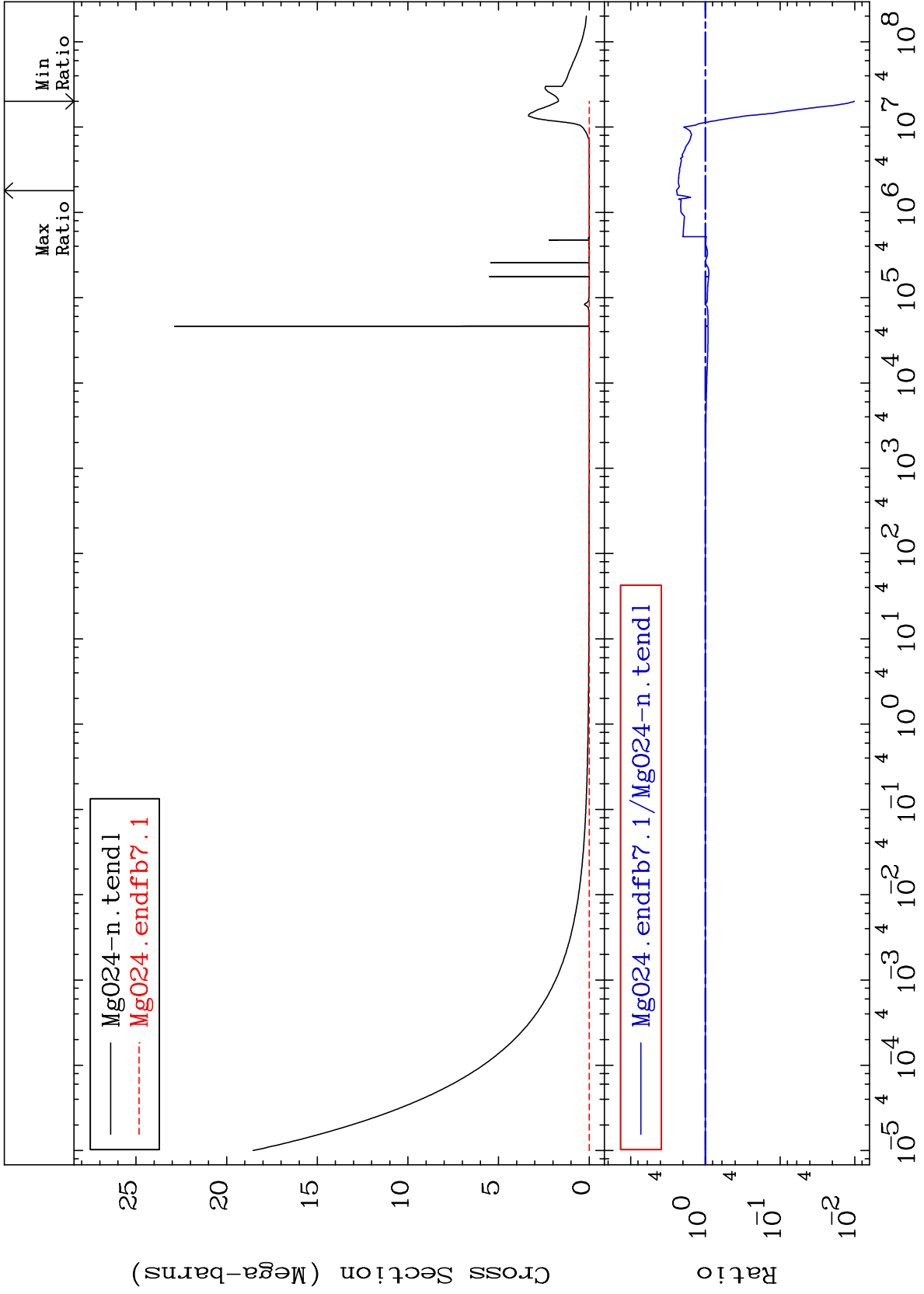
Incident Energy (eV)

12-Mg-24

MAT 1225

Total photon (eV-barns)
Cross Section

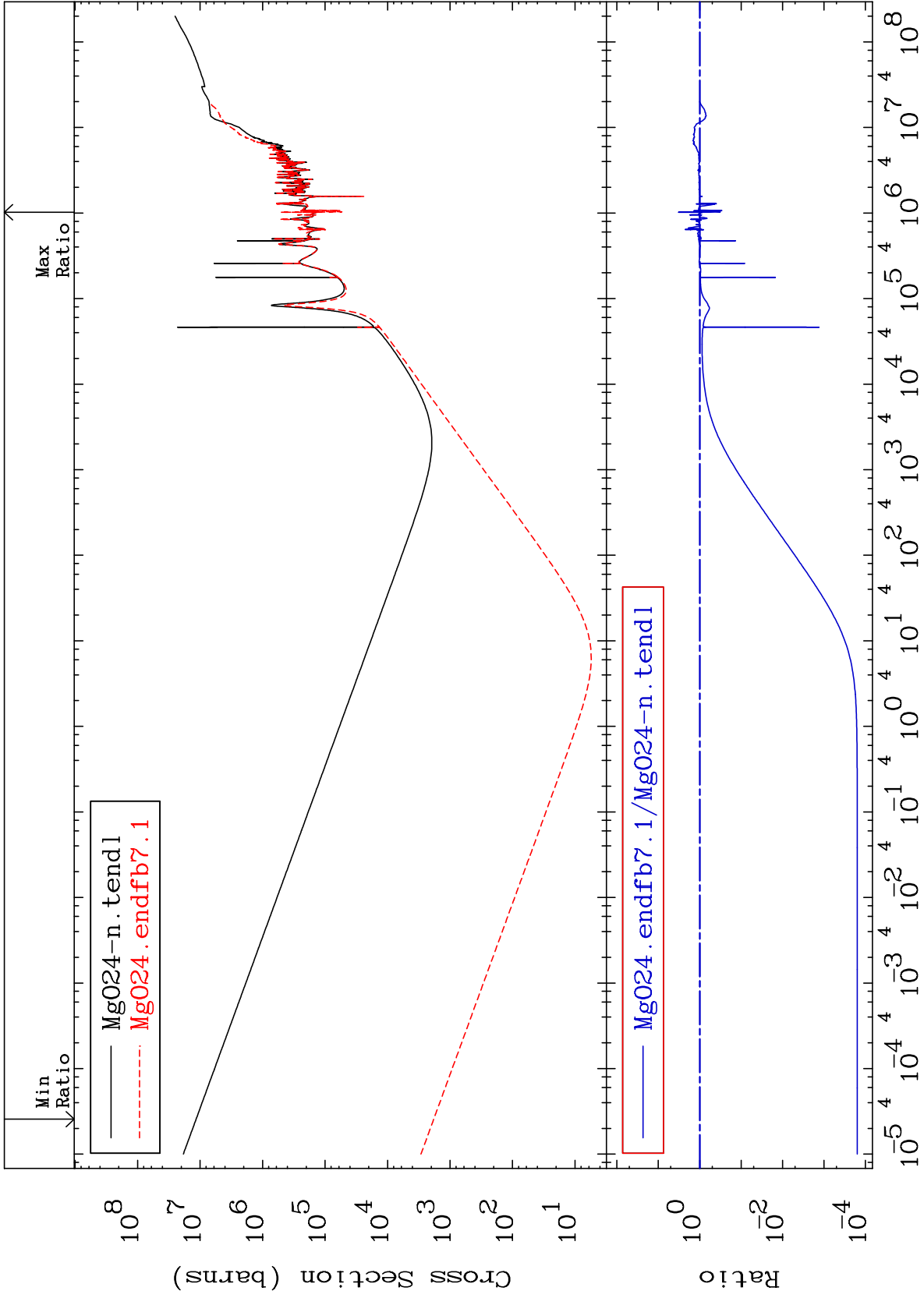
12-Mg-24
-98.98 To 144.5 %



30

Incident Energy (eV)

12-Mg-24



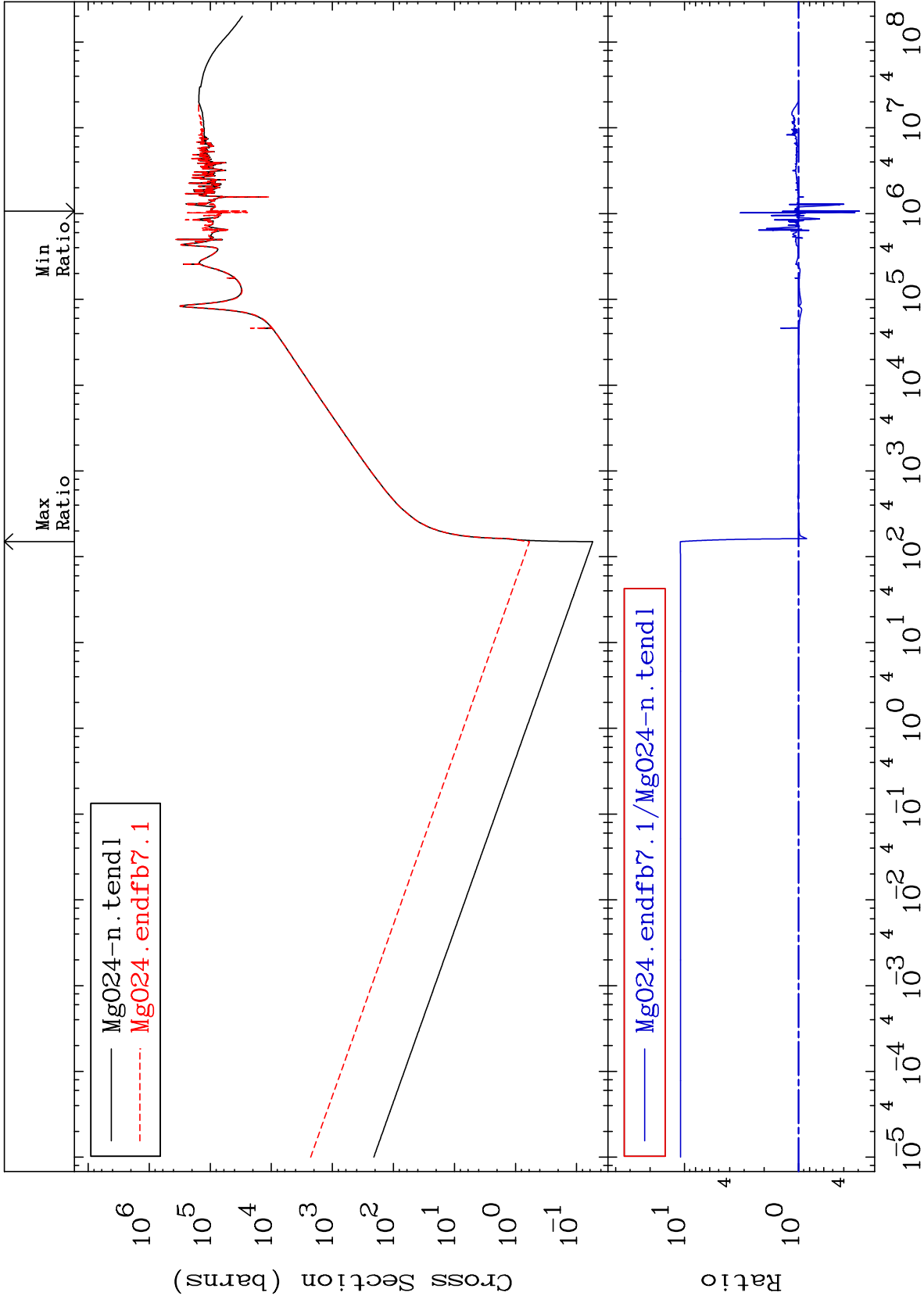
MAT 1225

Dpa total (eV-barns)

12-Mg-24

Cross Section

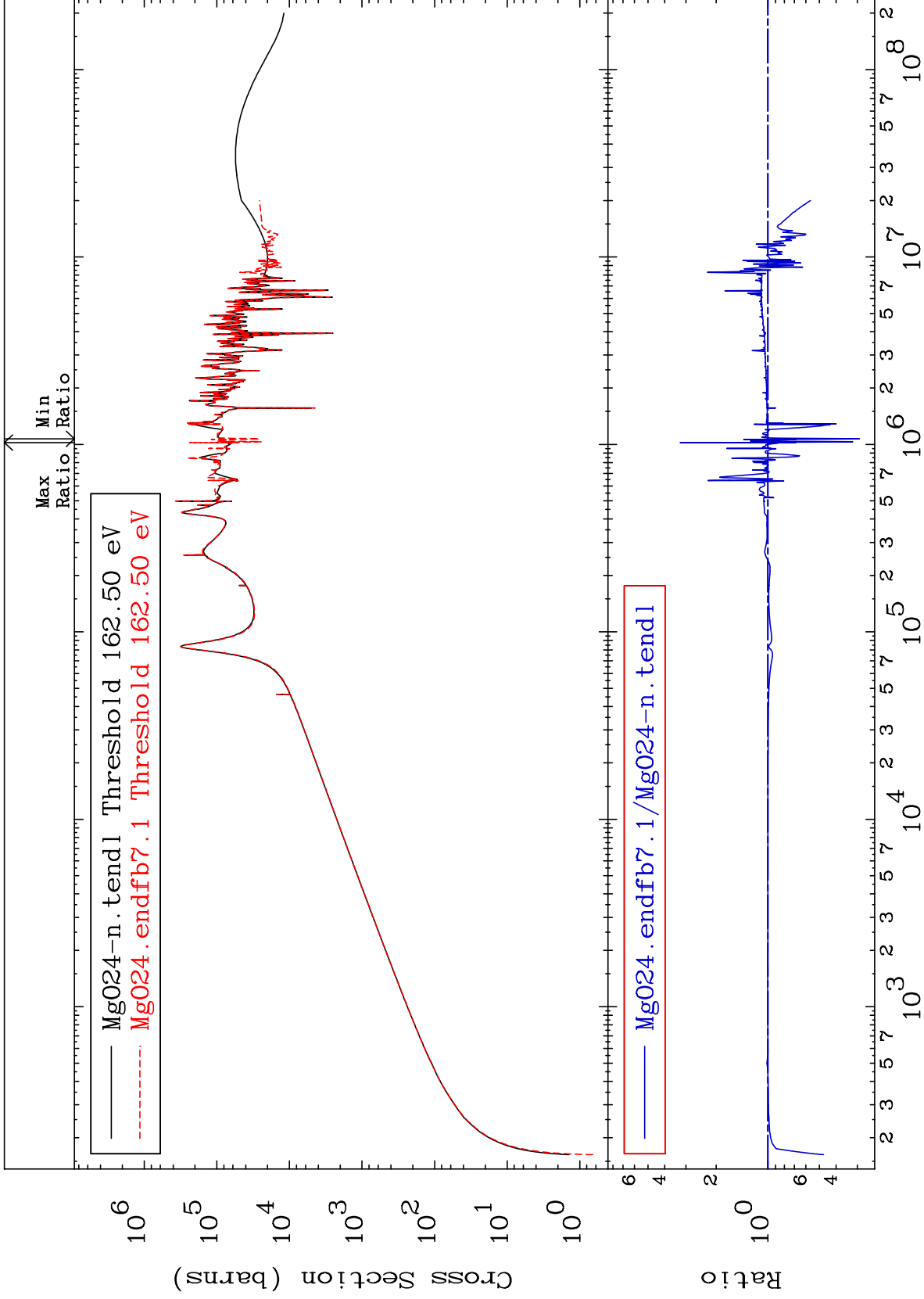
-70.78 To 985.8 %

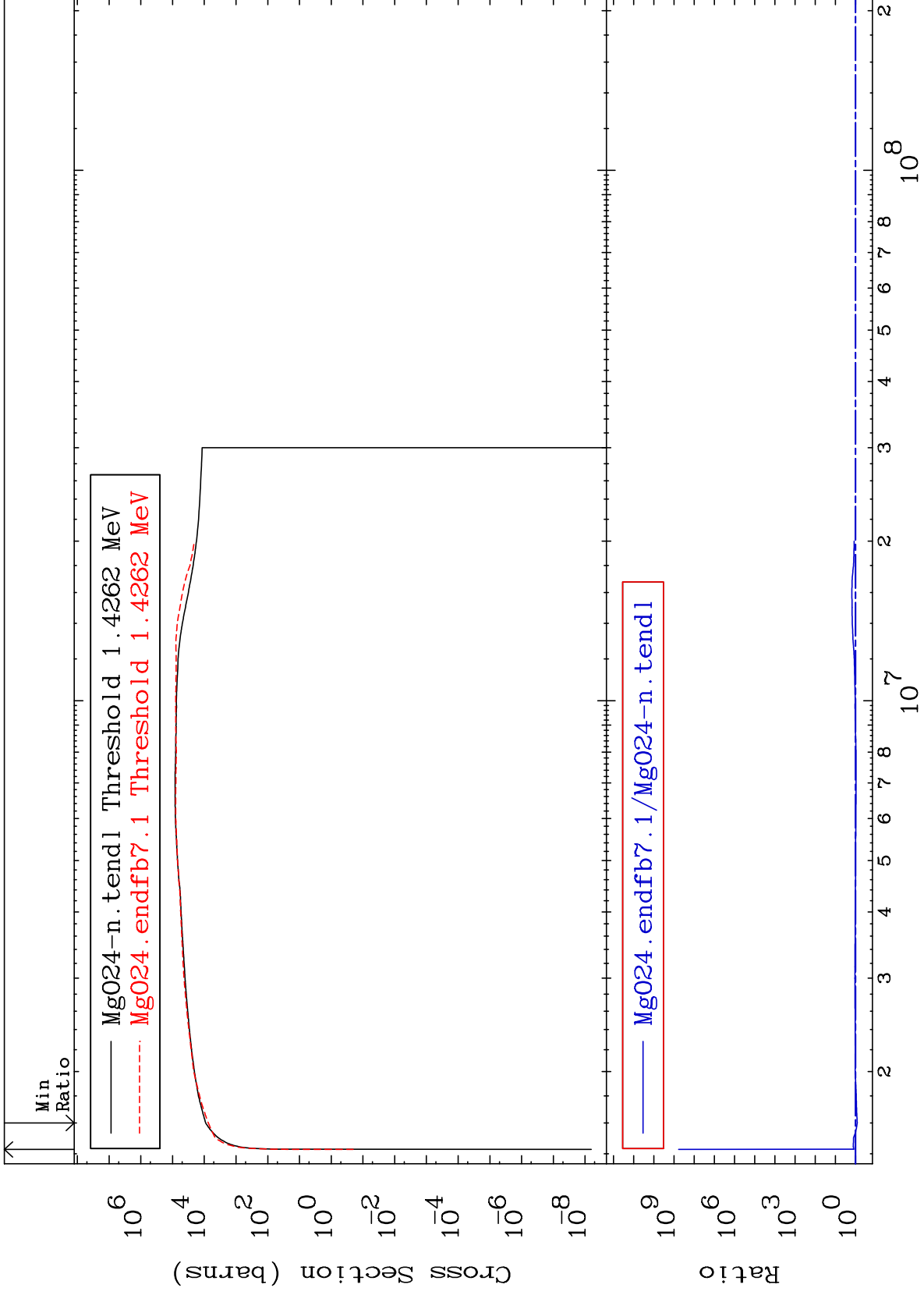


32

Incident Energy (eV)

12-Mg-24

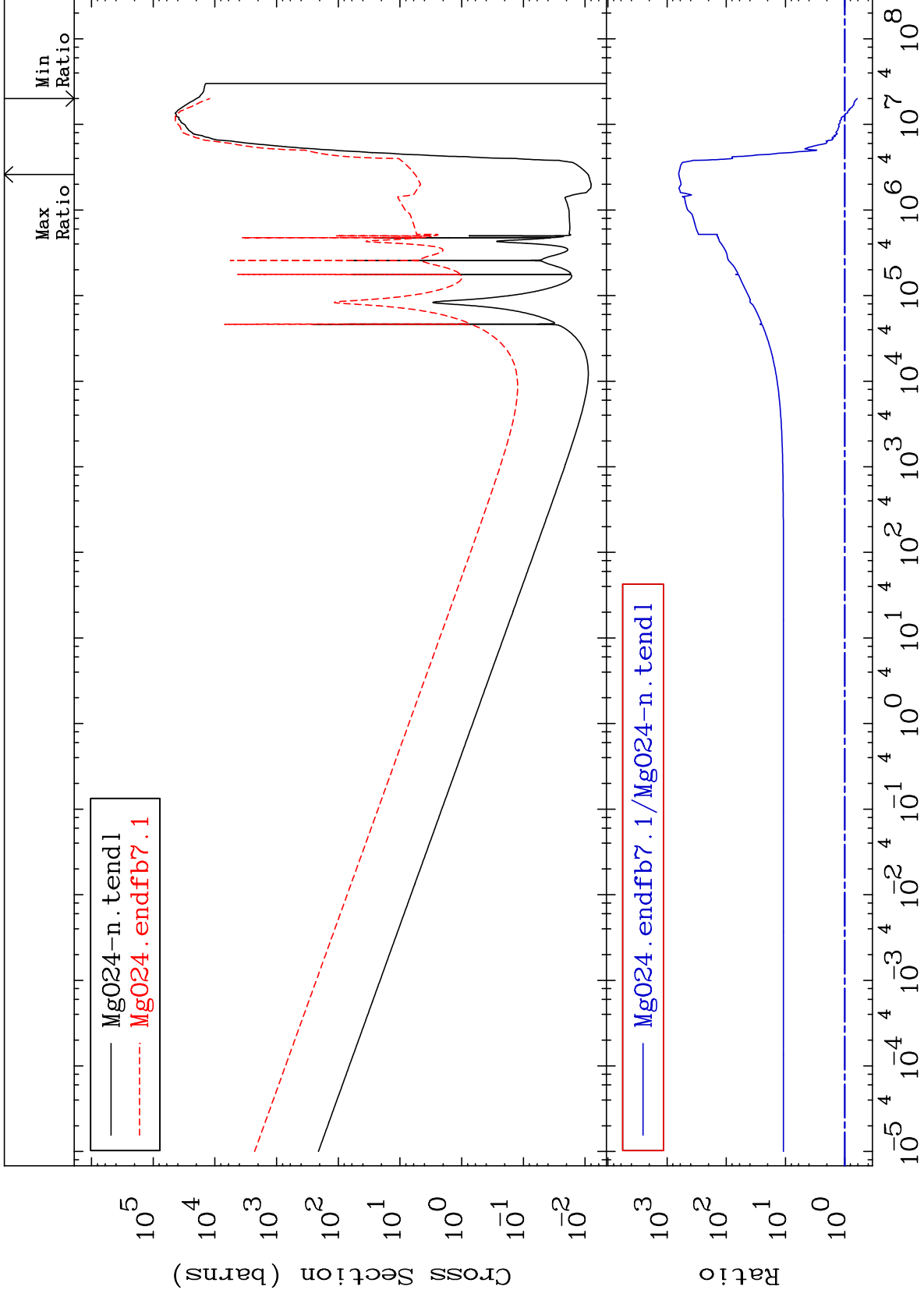




MAT 1225

Dpa disappearance (mt102 -120)
Cross Section

12-Mg-24
-38.65 To 9999. %



35

Incident Energy (eV)

12-Mg-24