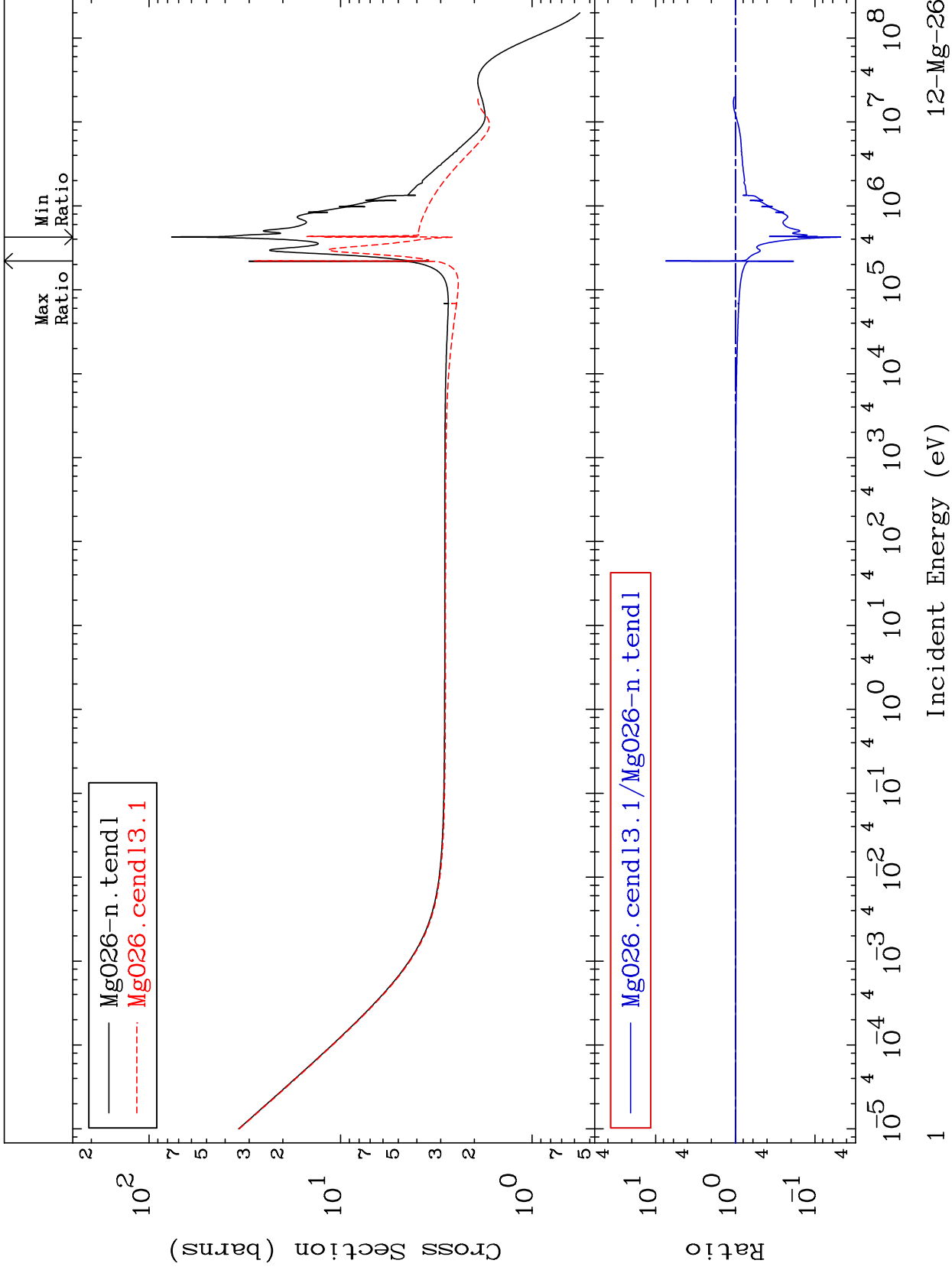


MAT 1231

Total
Cross Section

12-Mg-26
-95.24 To 654.6 %

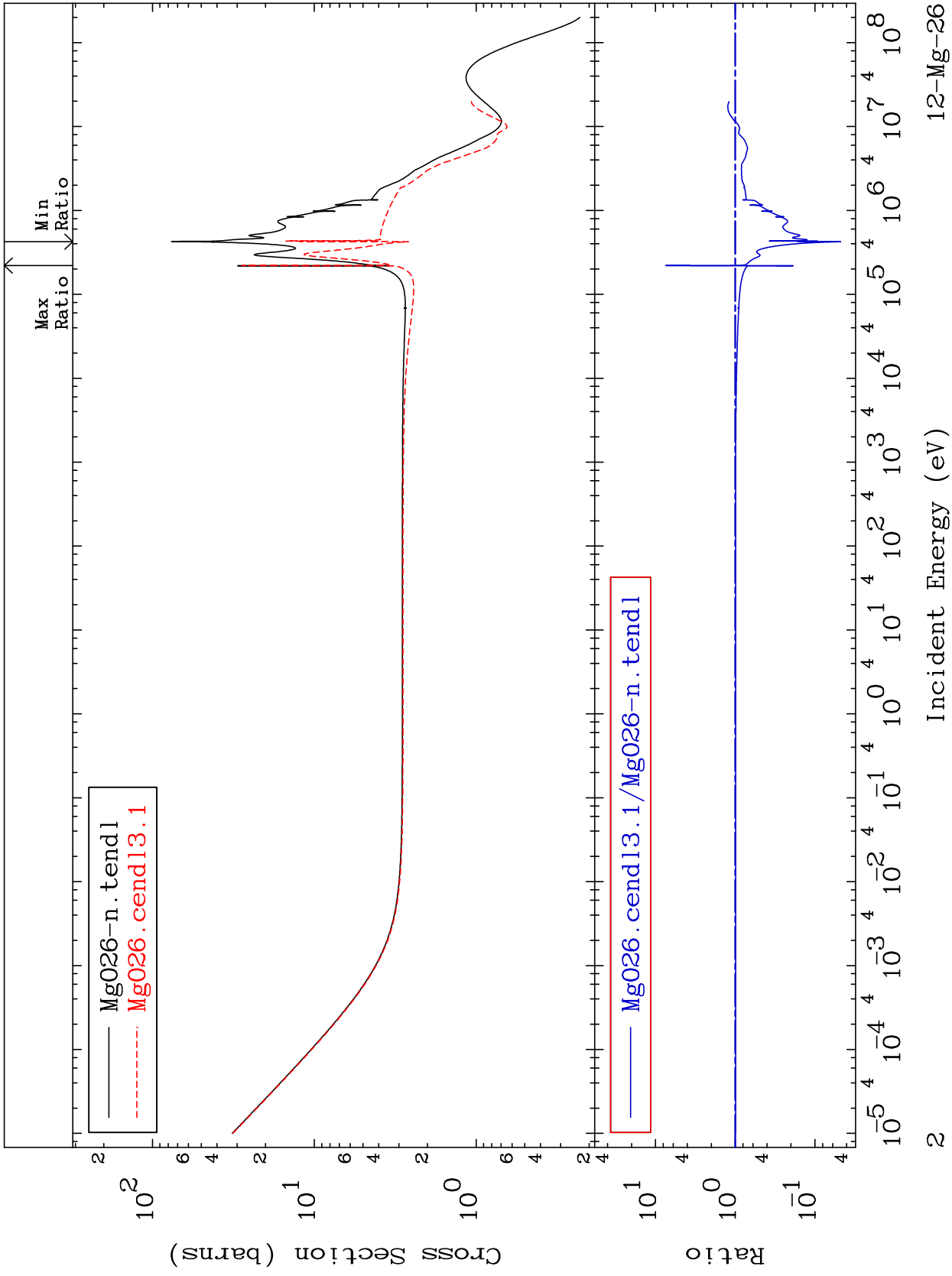


12-Mg-26

MAT 1231

Elastic
Cross Section

12-Mg-26
-95.25 To 650.0 %



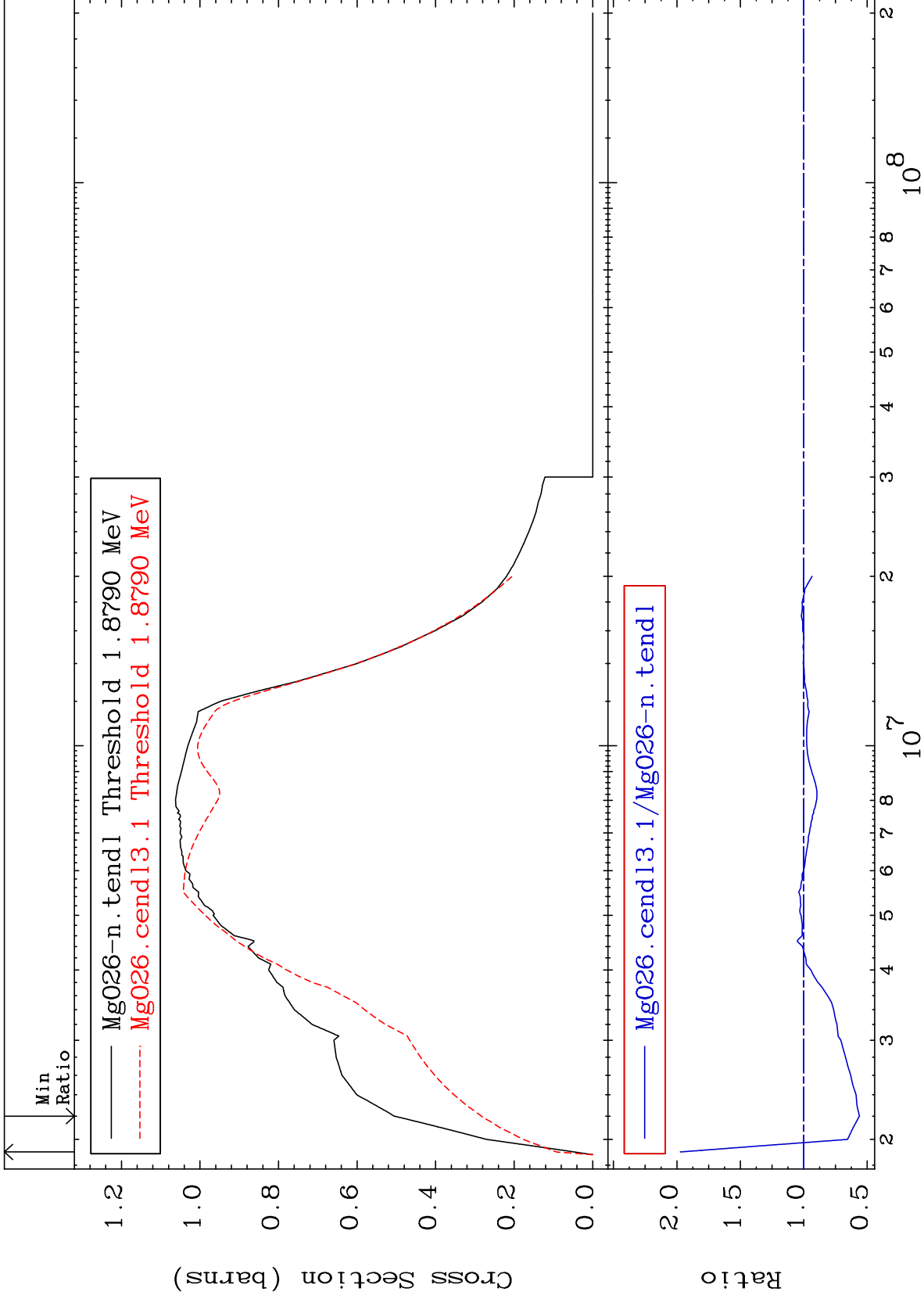
Incident Energy (eV)

12-Mg-26

MAT 1231

Inelastic
Cross Section

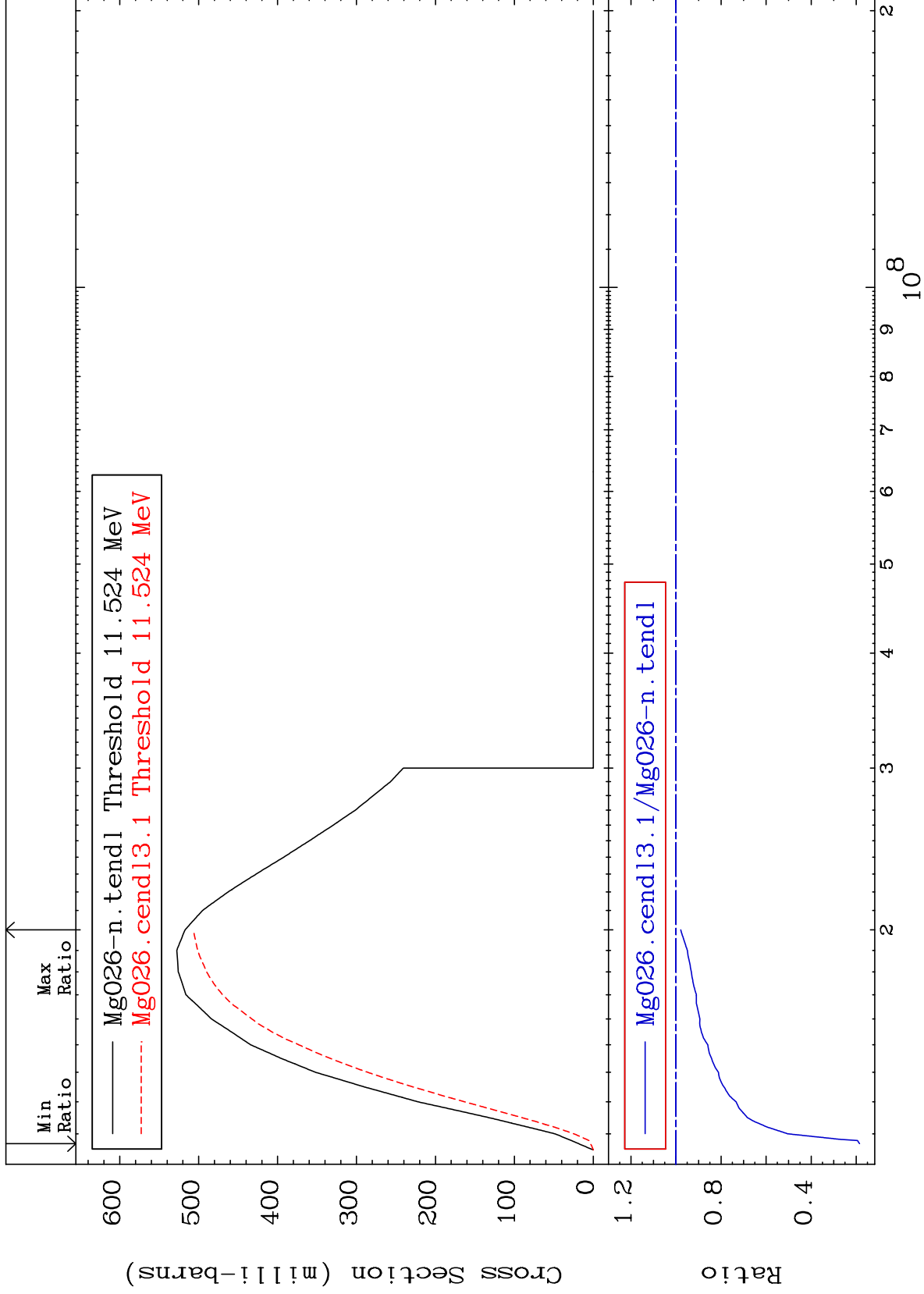
12-Mg-26
-43.88 To 97.27 %



MAT 1231

(n,2n)
Cross Section

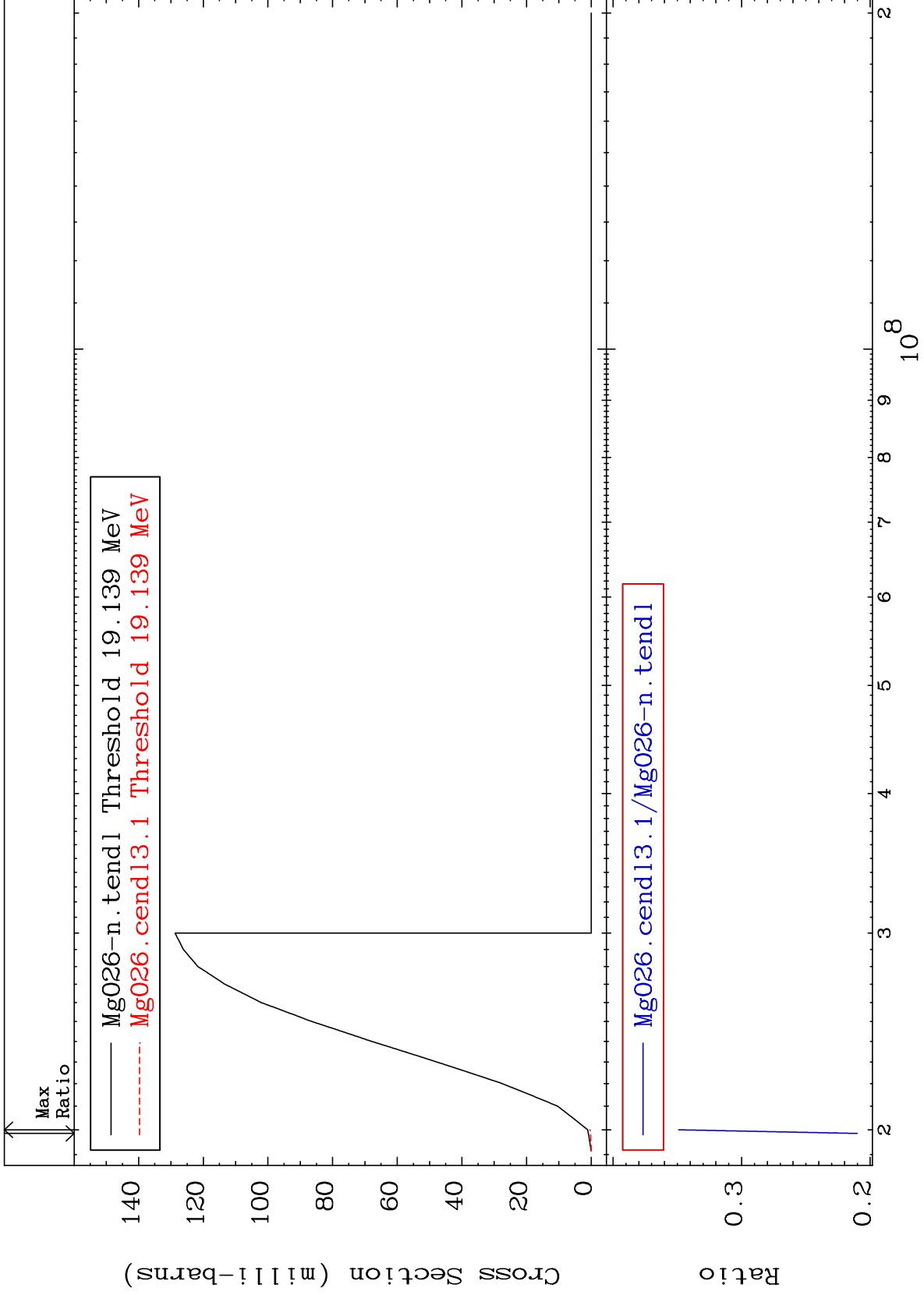
12-Mg-26
-81.47 To -2.114%



MAT 1231

(n,3n)
Cross Section

12-Mg-26
-78.99 To -65.10%



5

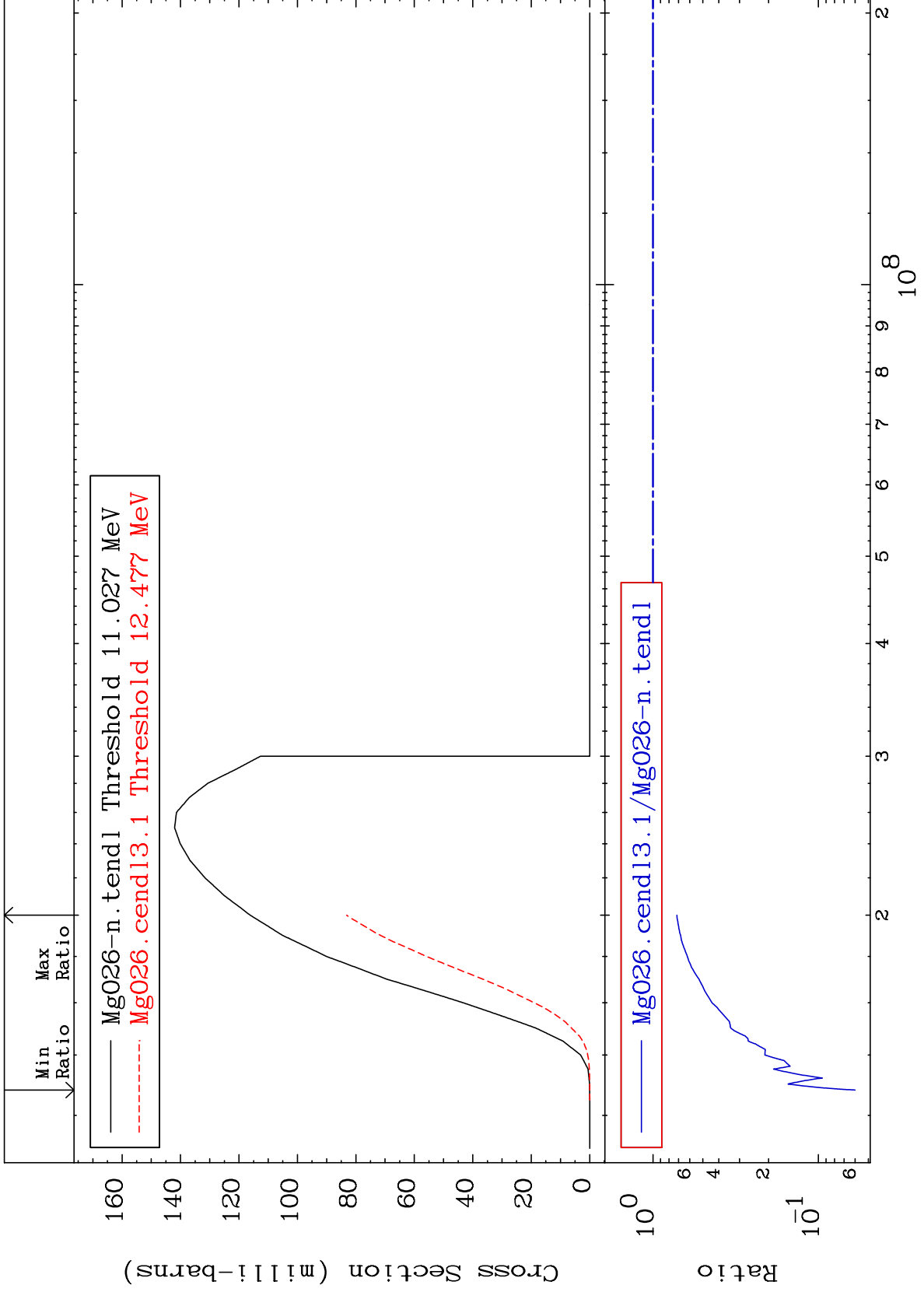
Incident Energy (eV)

12-Mg-26

MAT 1231

(n, n') α
Cross Section

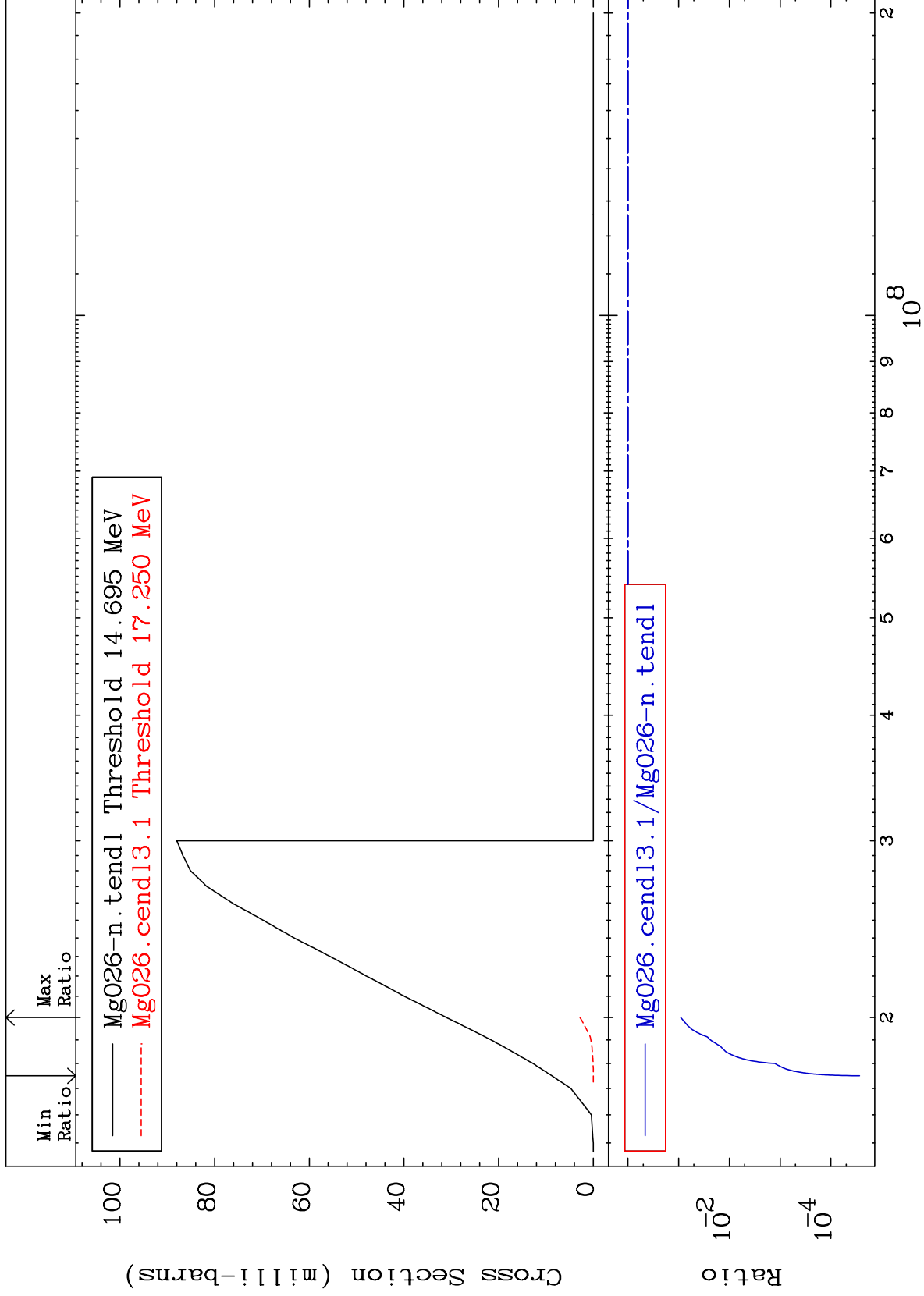
12-Mg-26
-93.99 To -28.39%



MAT 1231

(n, n') p
Cross Section

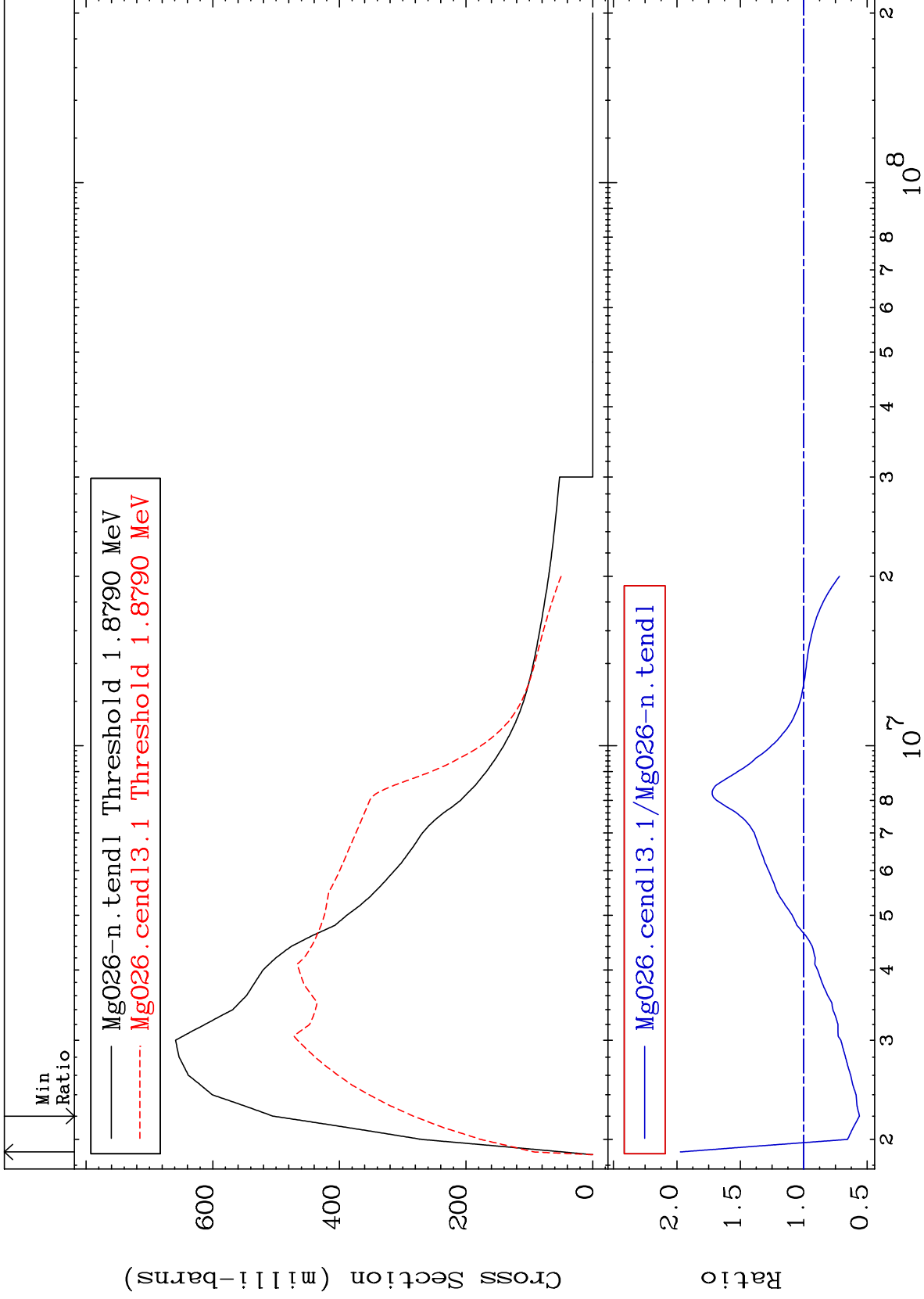
12-Mg-26
-100.0 To -90.91%



MAT 1231

1.809 MeV (n,n') Level
Cross Section

12-Mg-26
-43.88 To 97.27 %



8

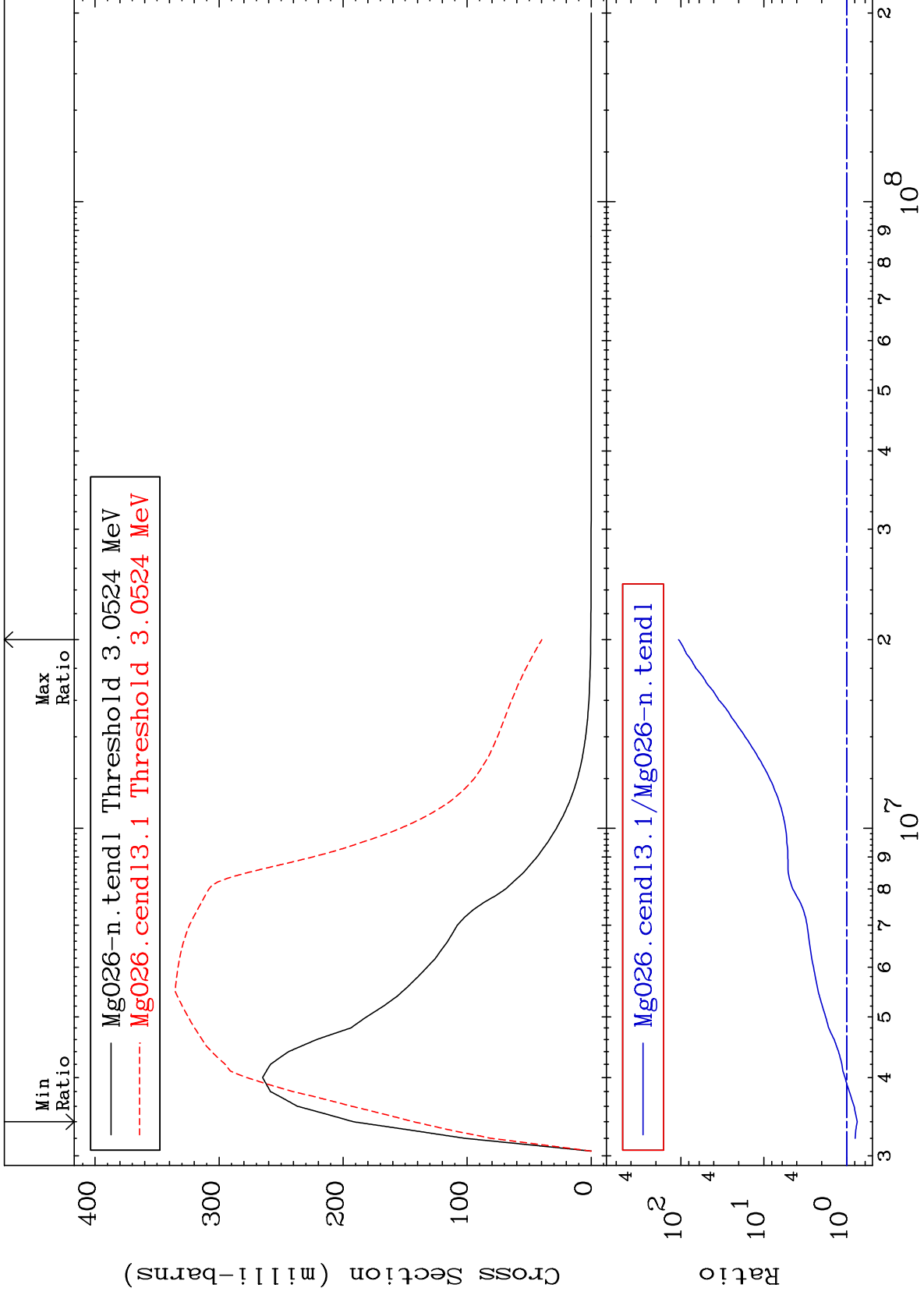
Incident Energy (eV)

12-Mg-26

MAT 1231

2.938 MeV (n,n') Level
Cross Section

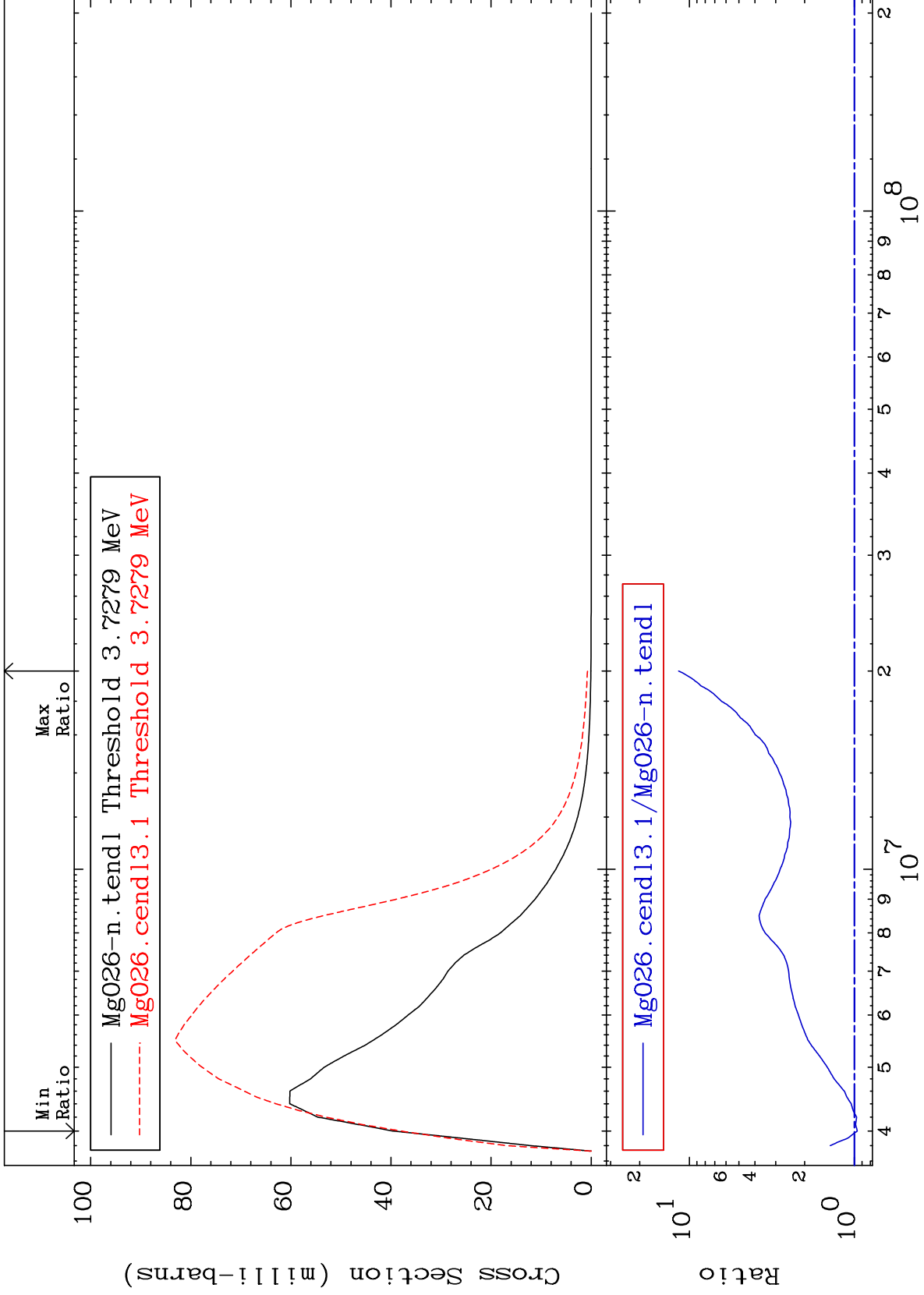
12-Mg-26
-25.33 To 9999. %



MAT 1231

3.589 MeV (n,n') Level
Cross Section

12-Mg-26
-3.912 To 1060. %



10

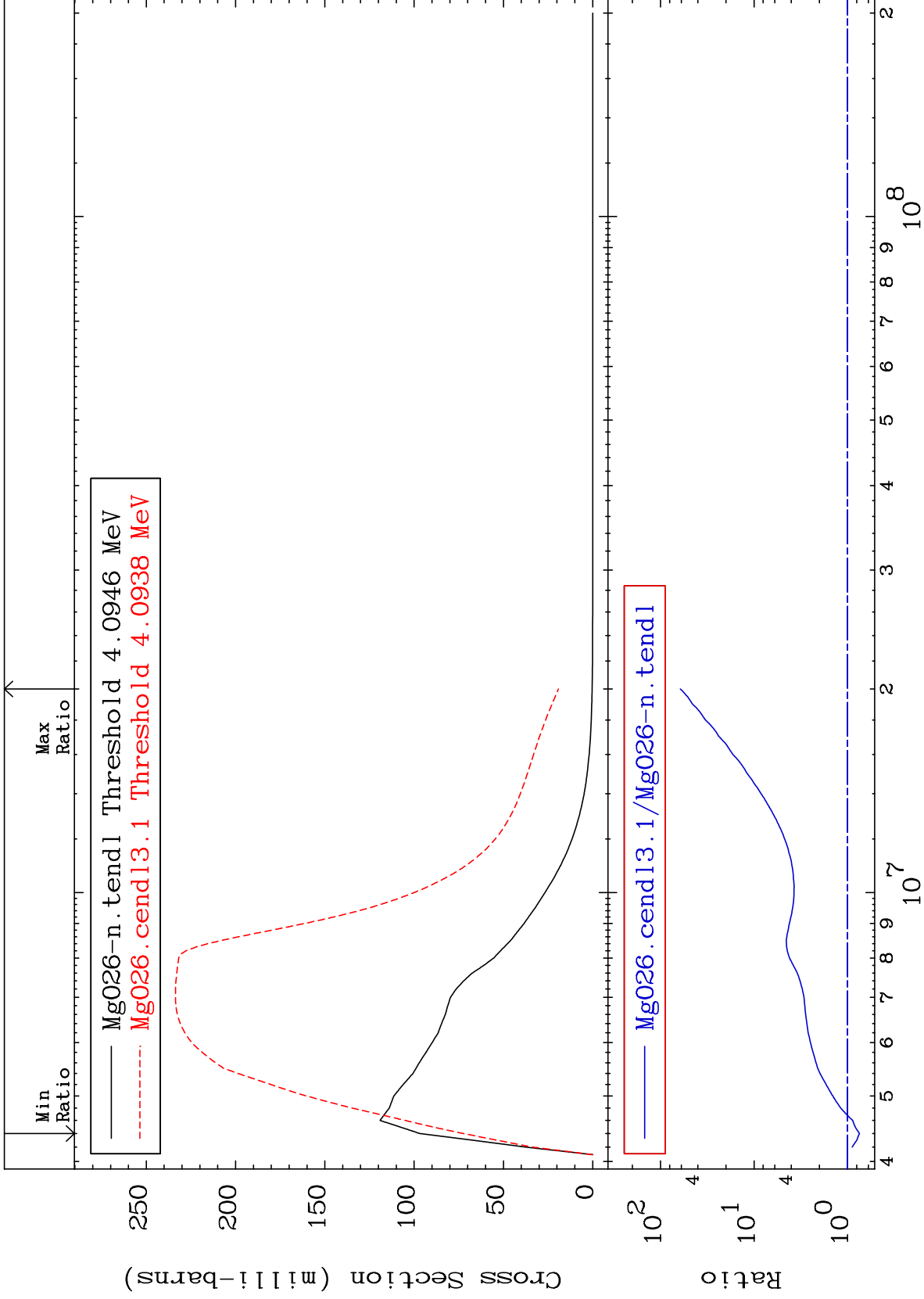
Incident Energy (eV)

12-Mg-26

MAT 1231

3.942 MeV (n,n') Level
Cross Section

12-Mg-26
-25.21 To 6044. %



11

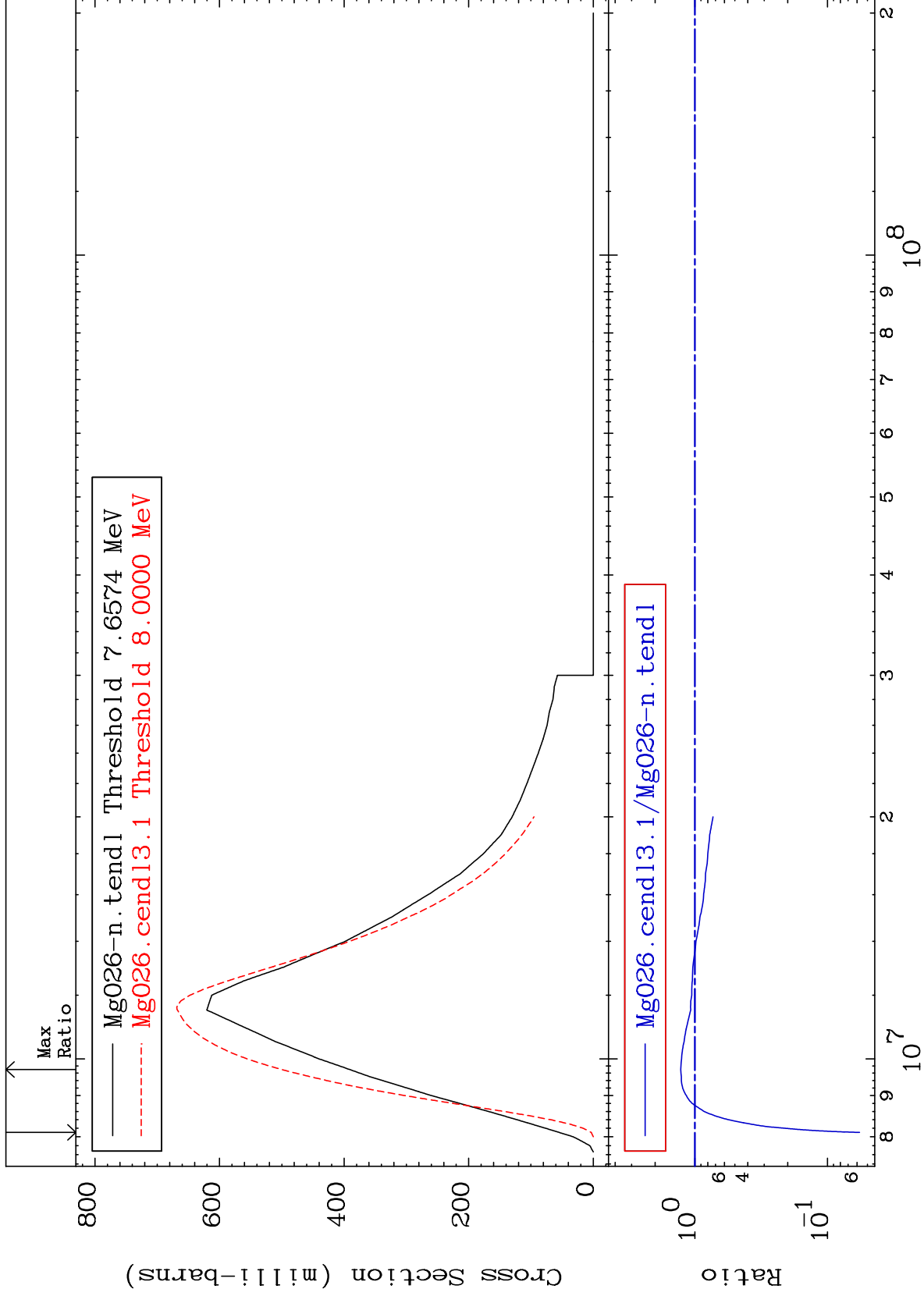
Incident Energy (eV)

12-Mg-26

MAT 1231

(n, n') Continuum
Cross Section

12-Mg-26
-94.26 To 27.90 %



12

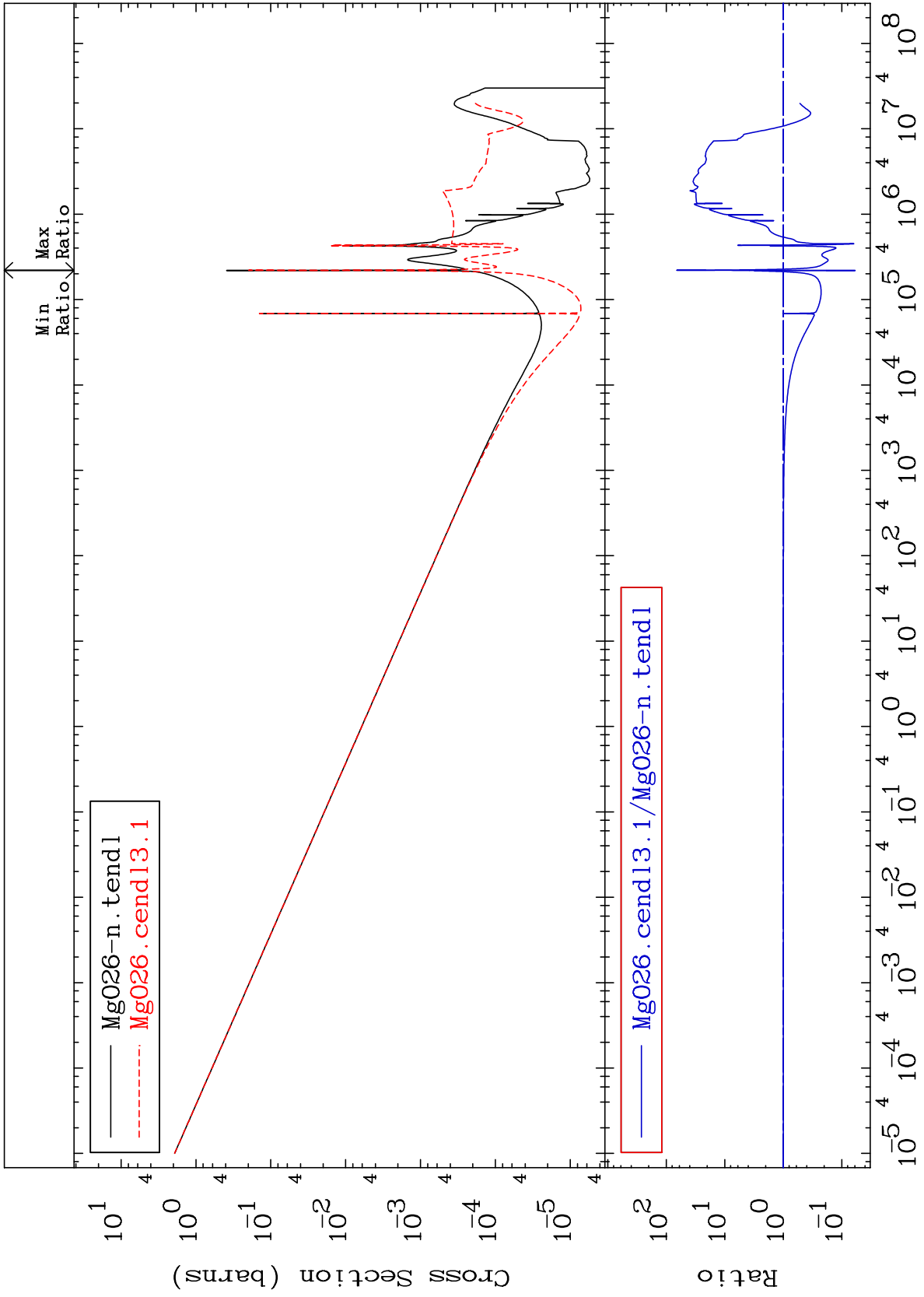
Incident Energy (eV)

12-Mg-26

MAT 1231

(n, γ)
Cross Section

12-Mg-26
-94.06 To 6502. %



13

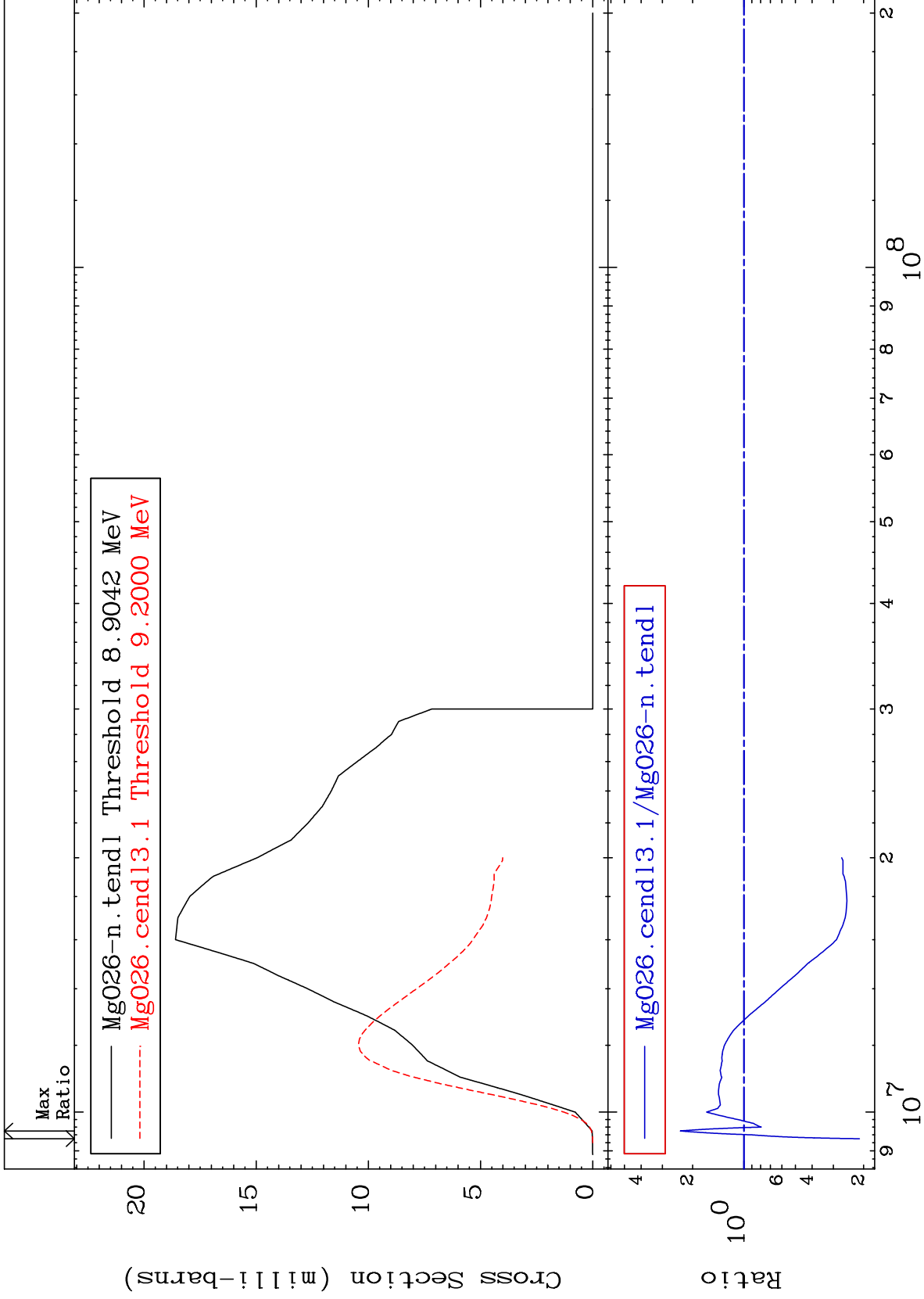
Incident Energy (eV)

12-Mg-26

MAT 1231

(n,p)
Cross Section

12-Mg-26
-78.87 To 135.6 %



14

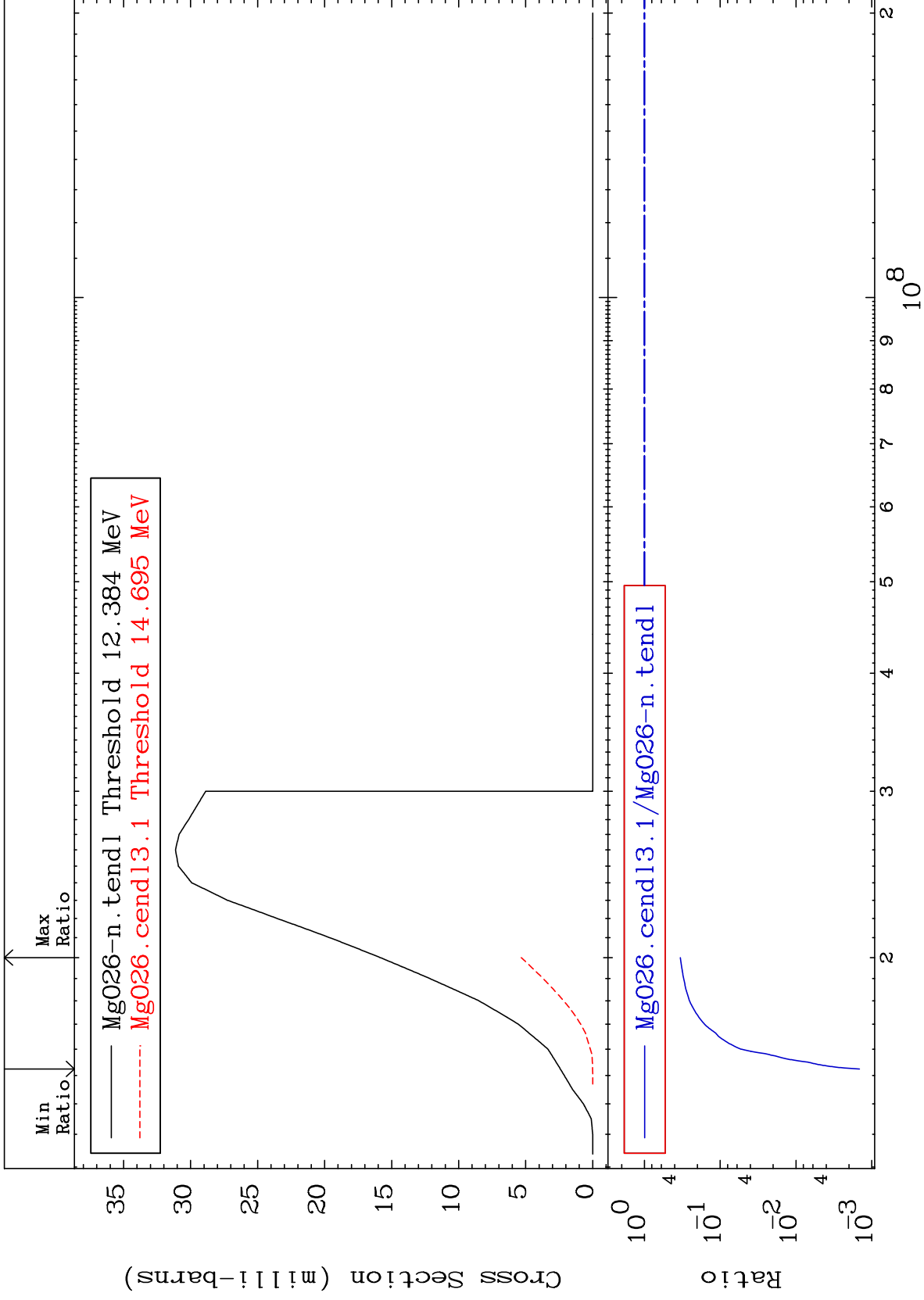
12-Mg-26

12-Mg-26

MAT 1231

(n, d)
Cross Section

12-Mg-26
-99.85 To -66.42%



15

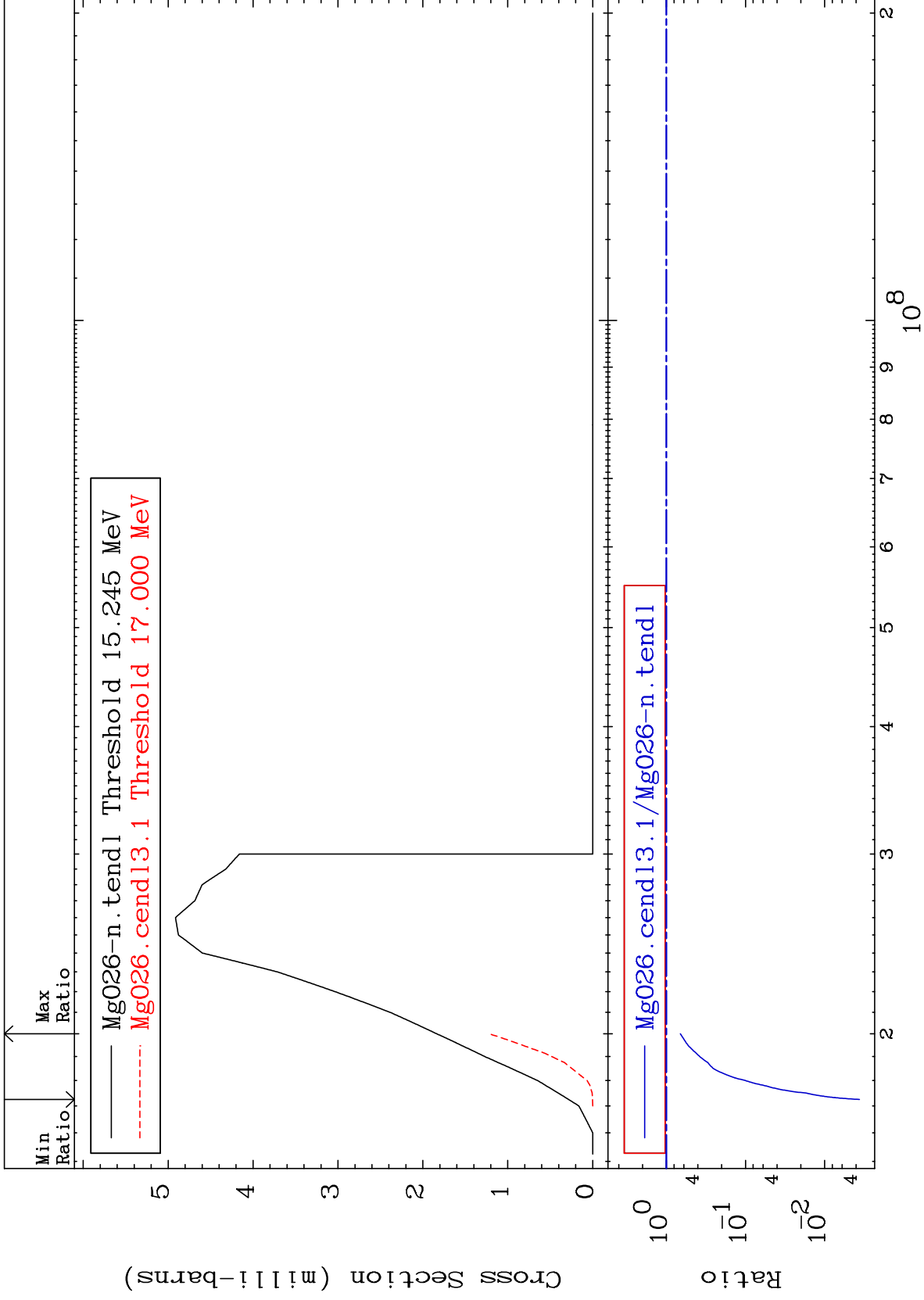
Incident Energy (eV)

12-Mg-26

MAT 1231

(n, t)
Cross Section

12-Mg-26
-99.64 To -33.46%



16

Incident Energy (eV)

12-Mg-26

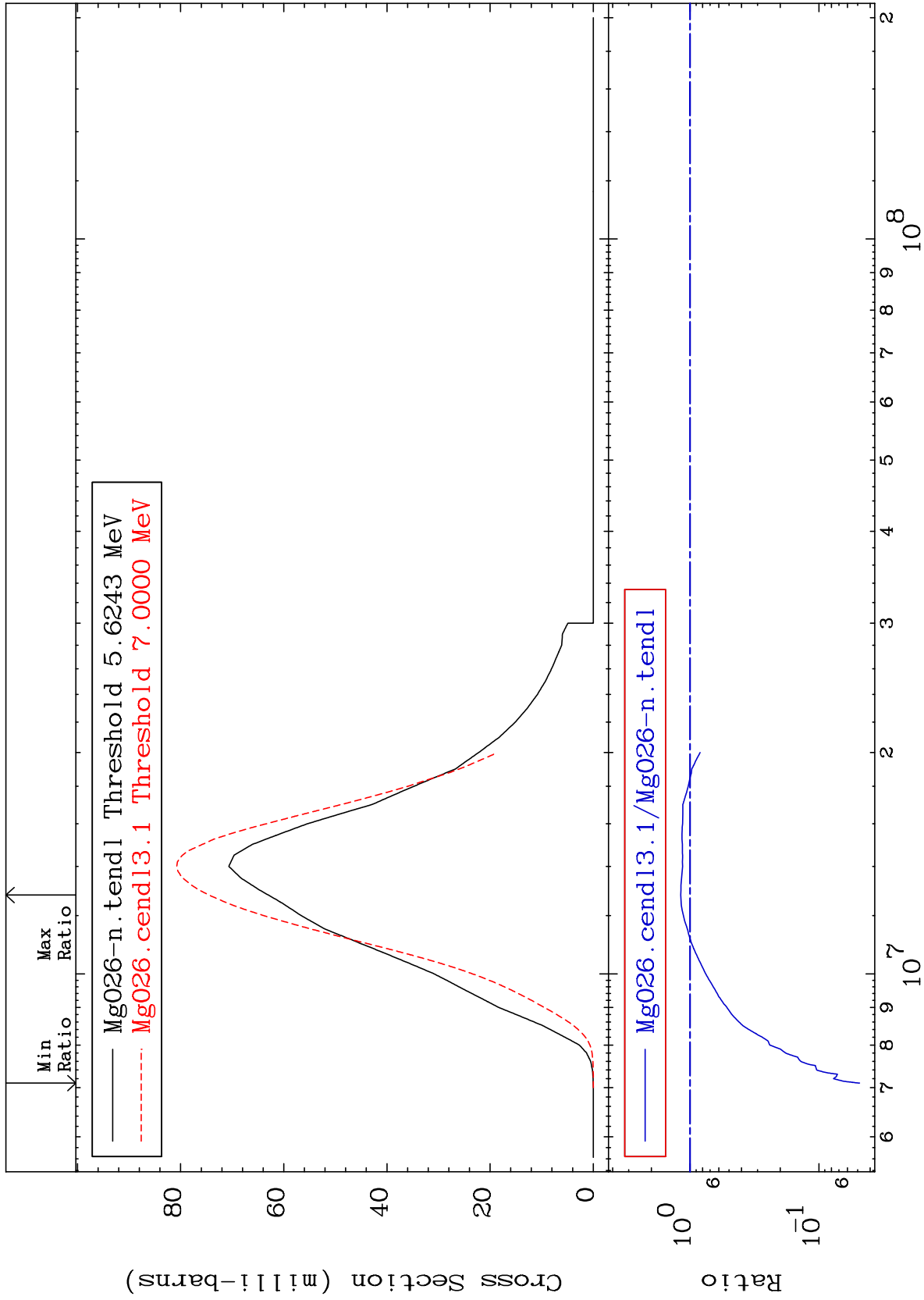
MAT 1231

(n, α)

12-Mg-26

Cross Section

-95.16 To 18.28 %



17

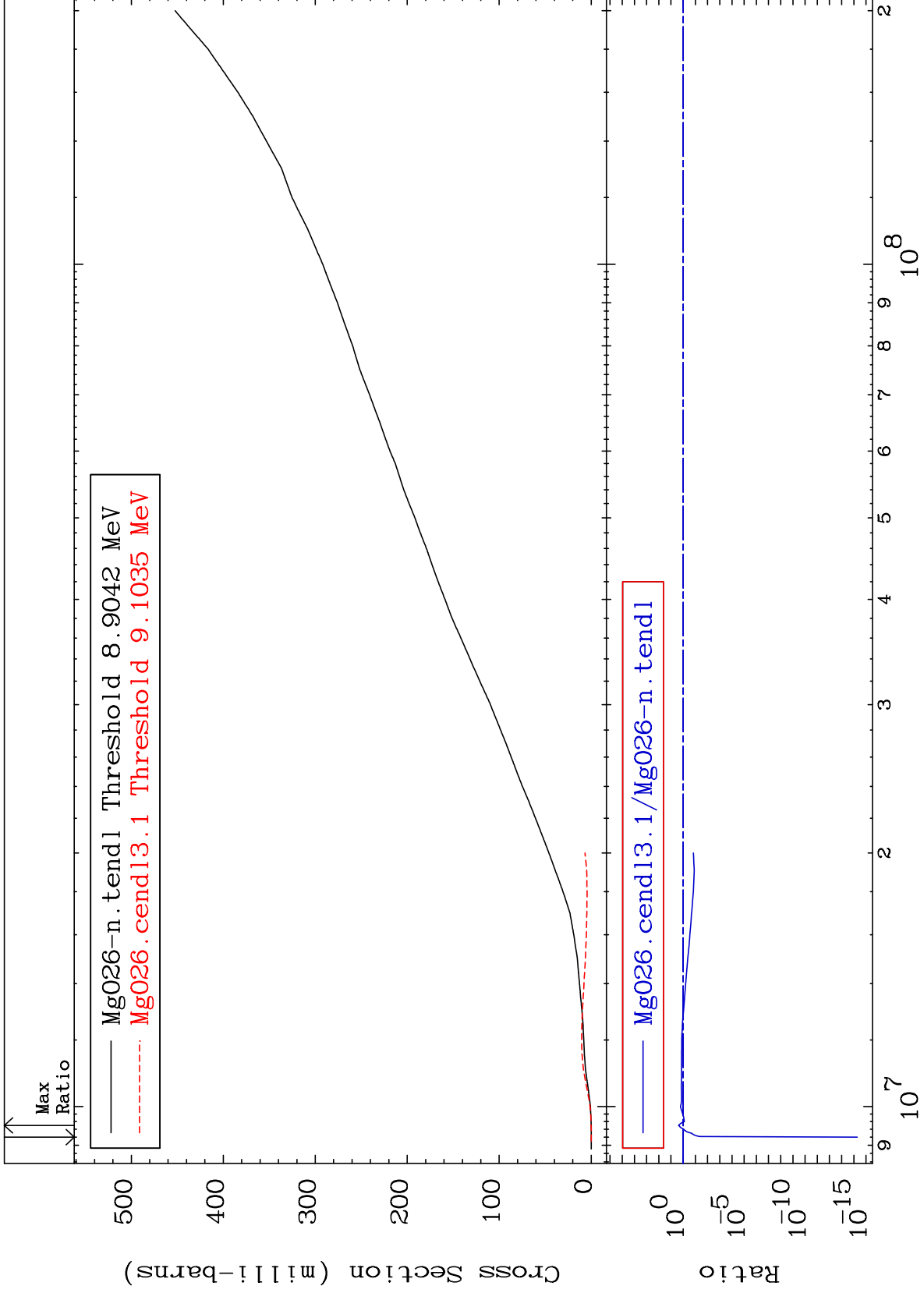
Incident Energy (eV)

12-Mg-26

MAT 1231

Hydrogen Production
Cross Section

12-Mg-26
-100.0 To 135.6 %



18

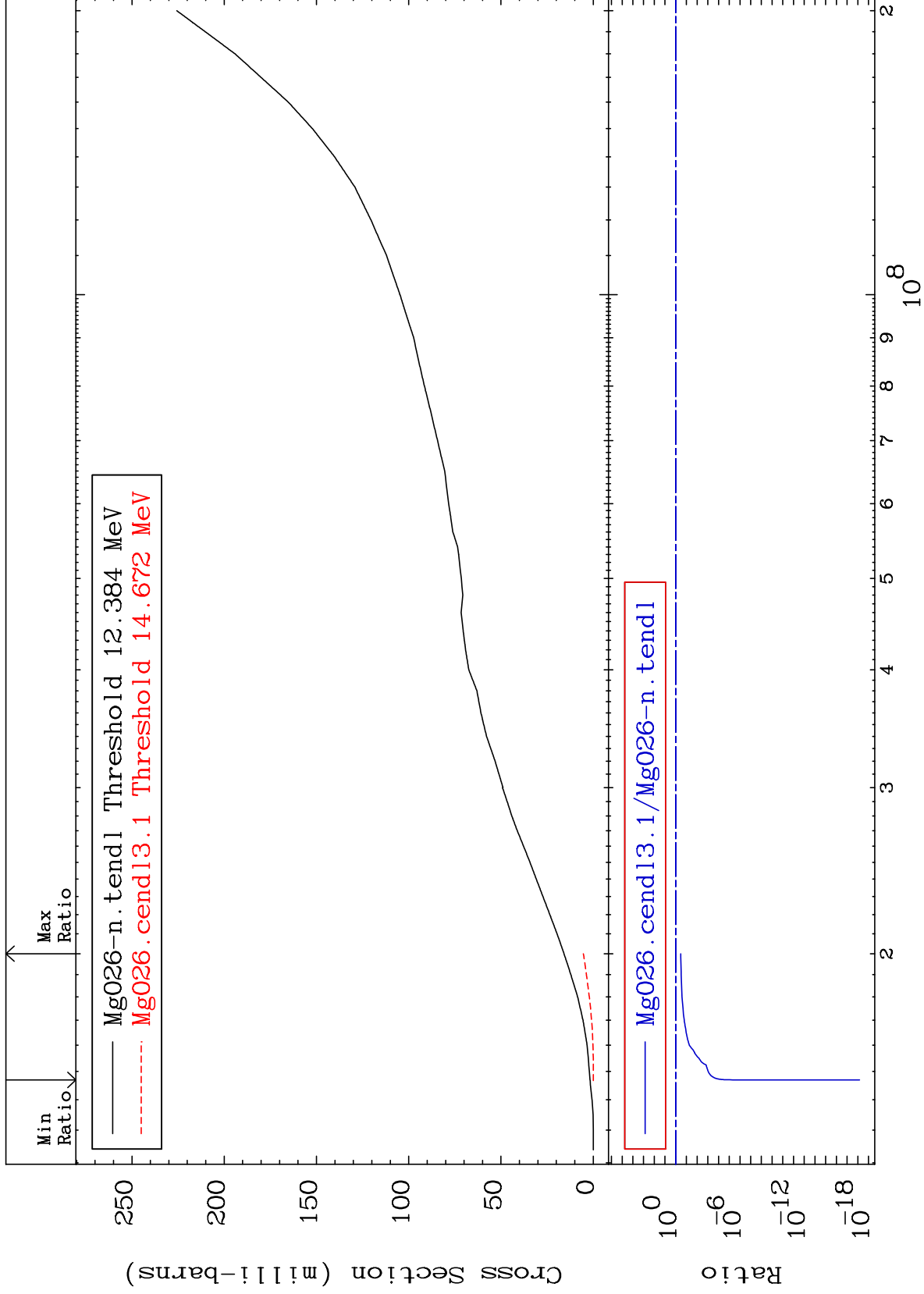
Incident Energy (eV)

12-Mg-26

MAT 1231

Deuterium Production
Cross Section

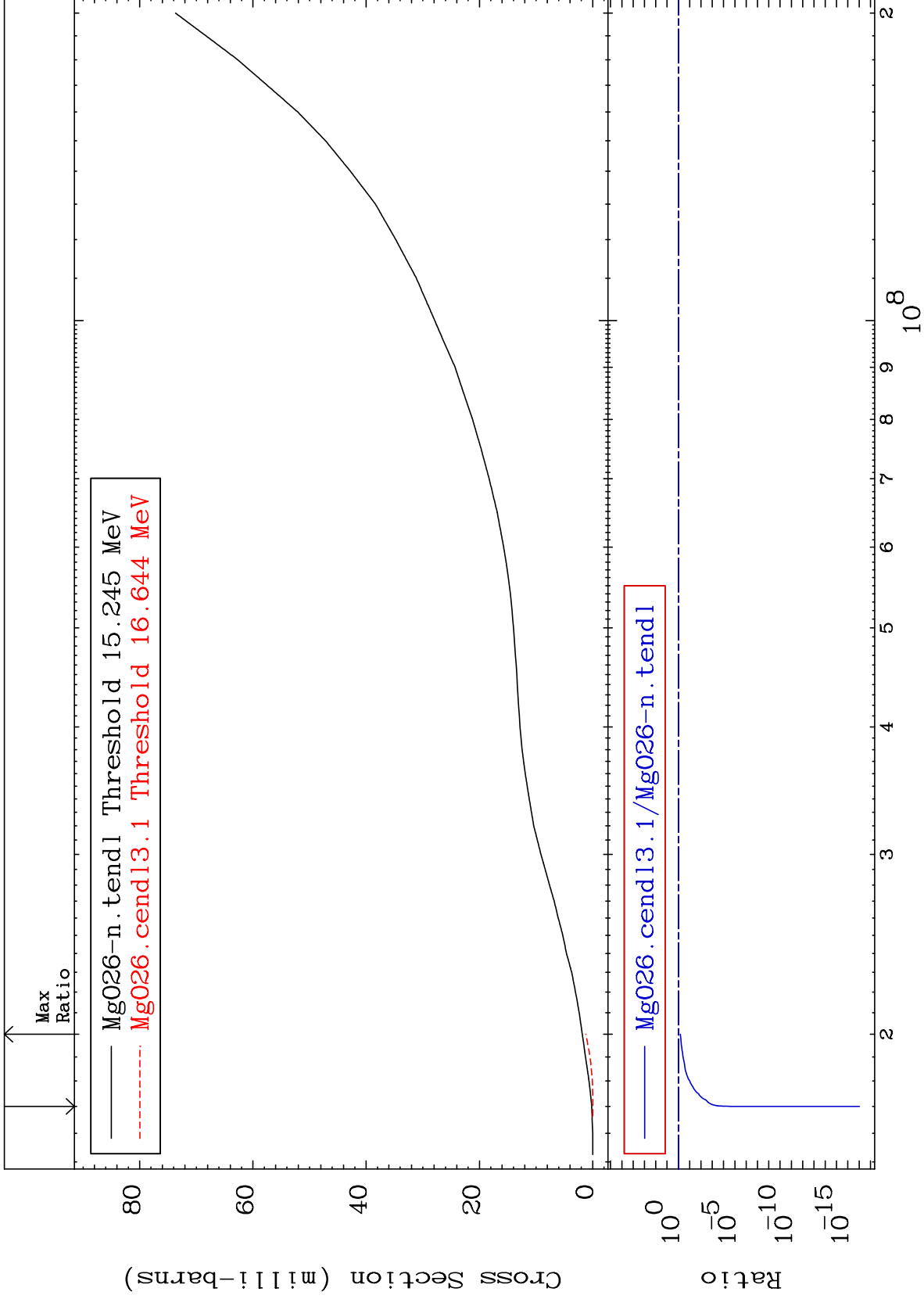
12-Mg-26
-100.0 To -66.42%



MAT 1231

Tritium Production
Cross Section

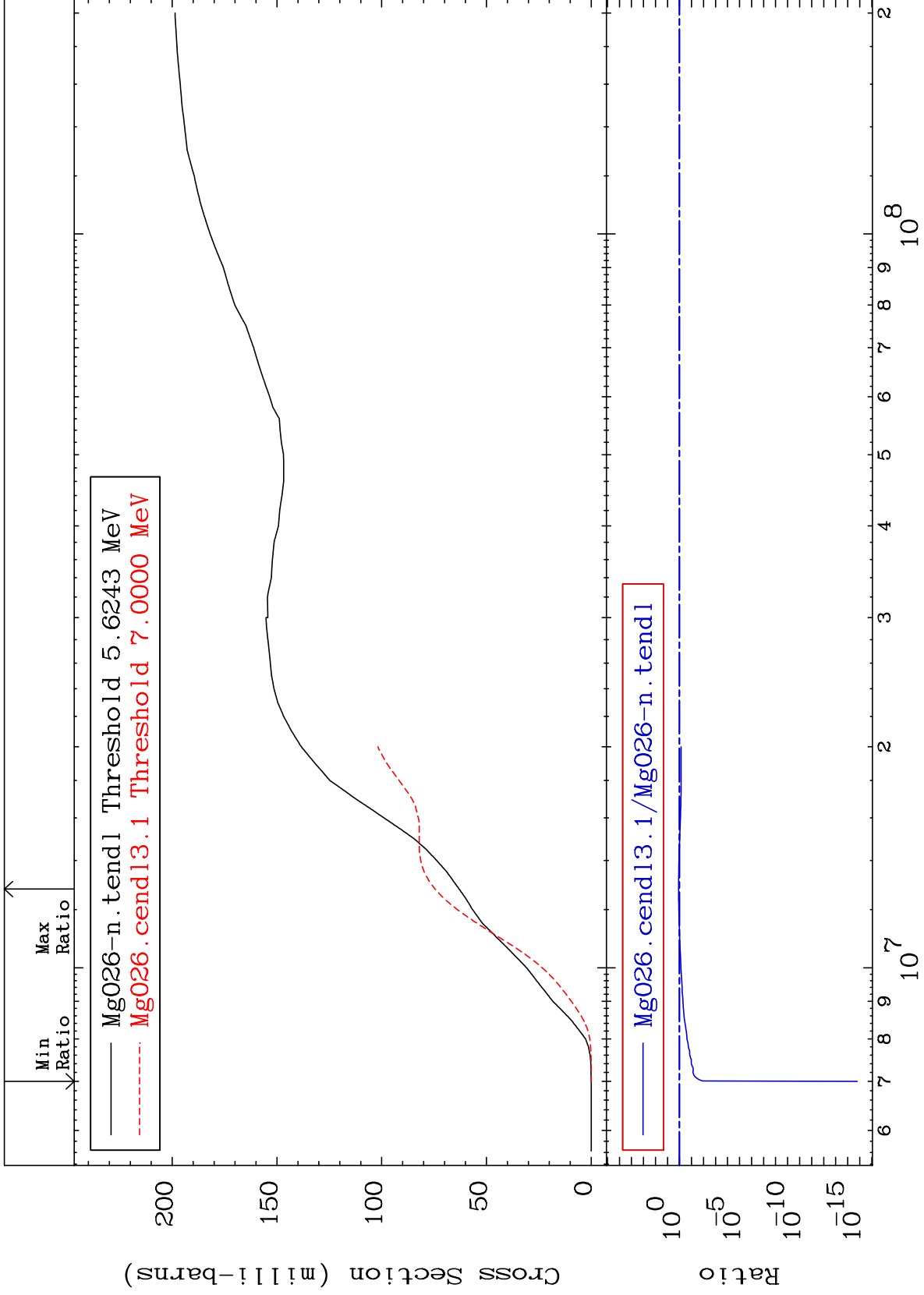
12-Mg-26
-100.0 To -33.46%



MAT 1231

He-4 Production
Cross Section

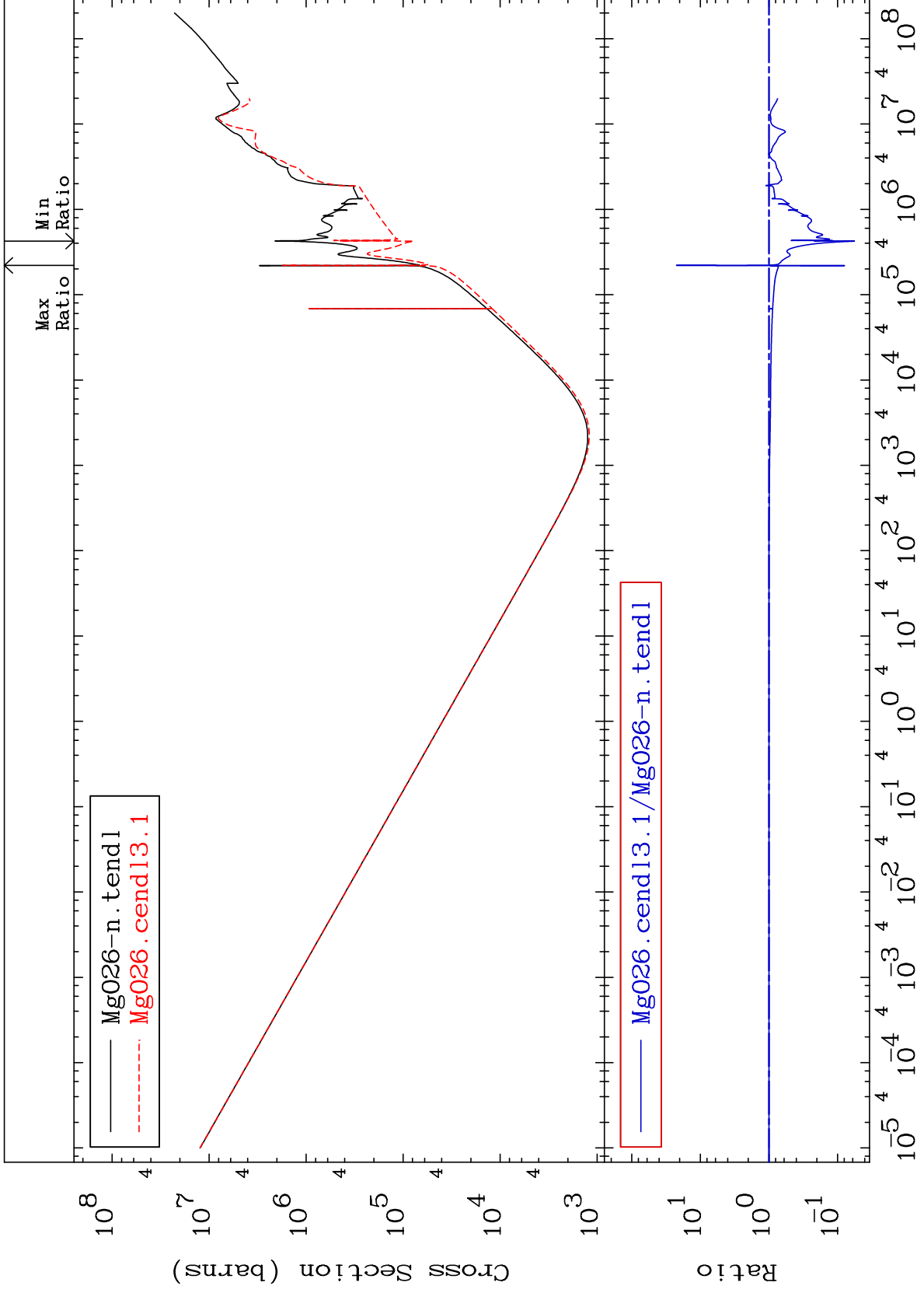
12-Mg-26
-100.0 To 18.24 %



MAT 1231

Kerma total (eV-barns)
Cross Section

12-Mg-26
-94.32 To 2140. %



22

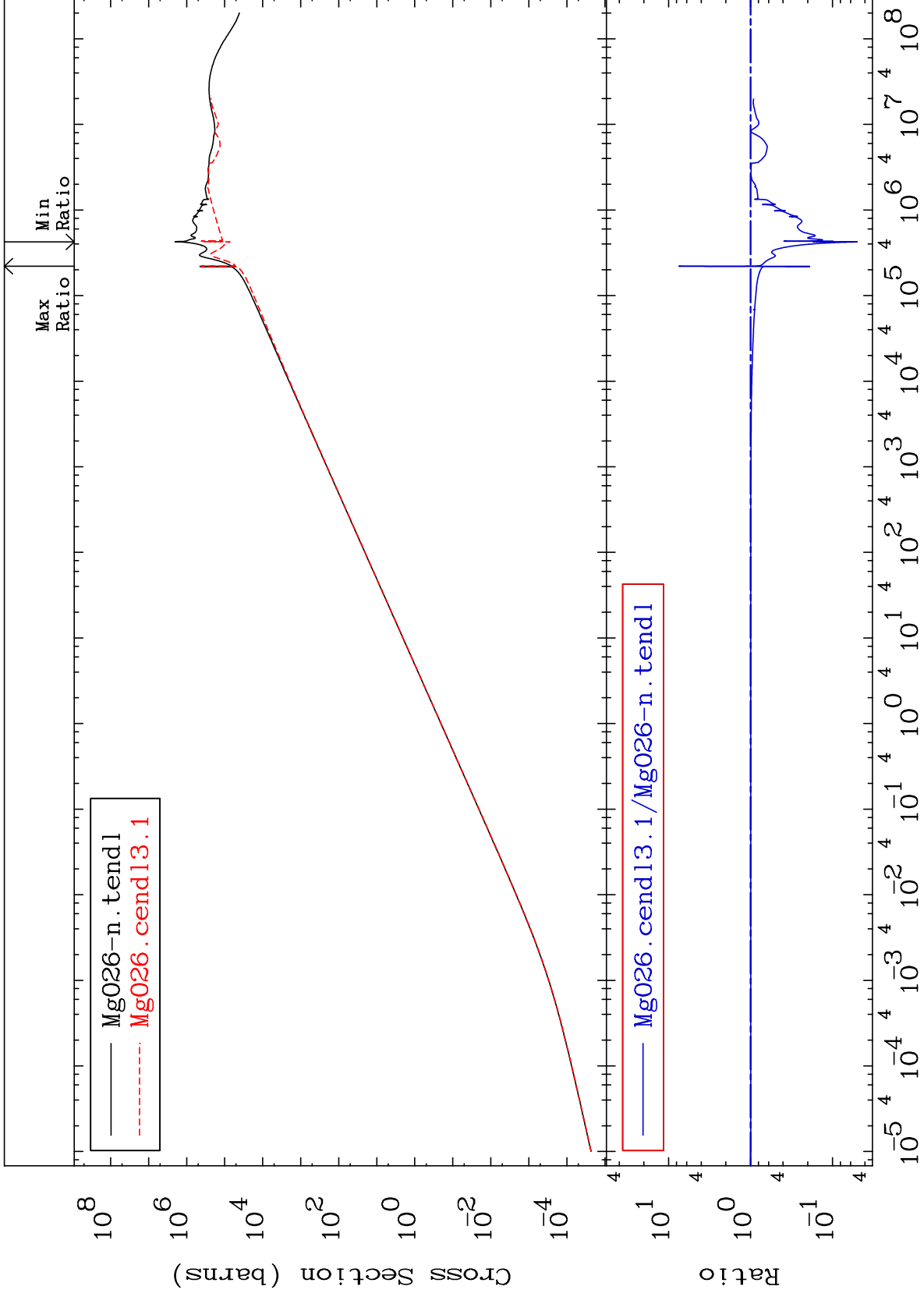
Incident Energy (eV)

12-Mg-26

MAT 1231

Kerma elastic
Cross Section

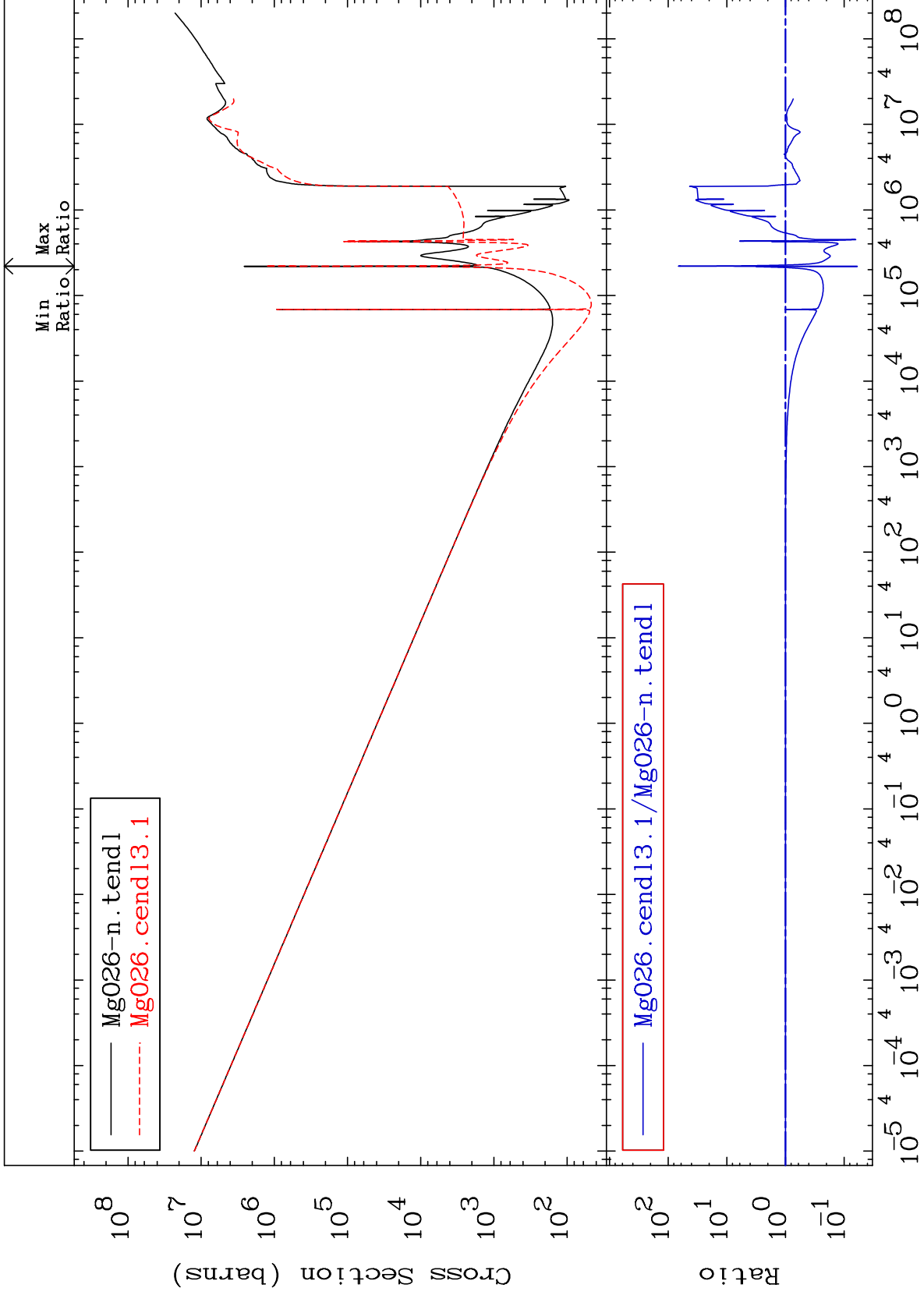
12-Mg-26
-95.03 To 653.6 %

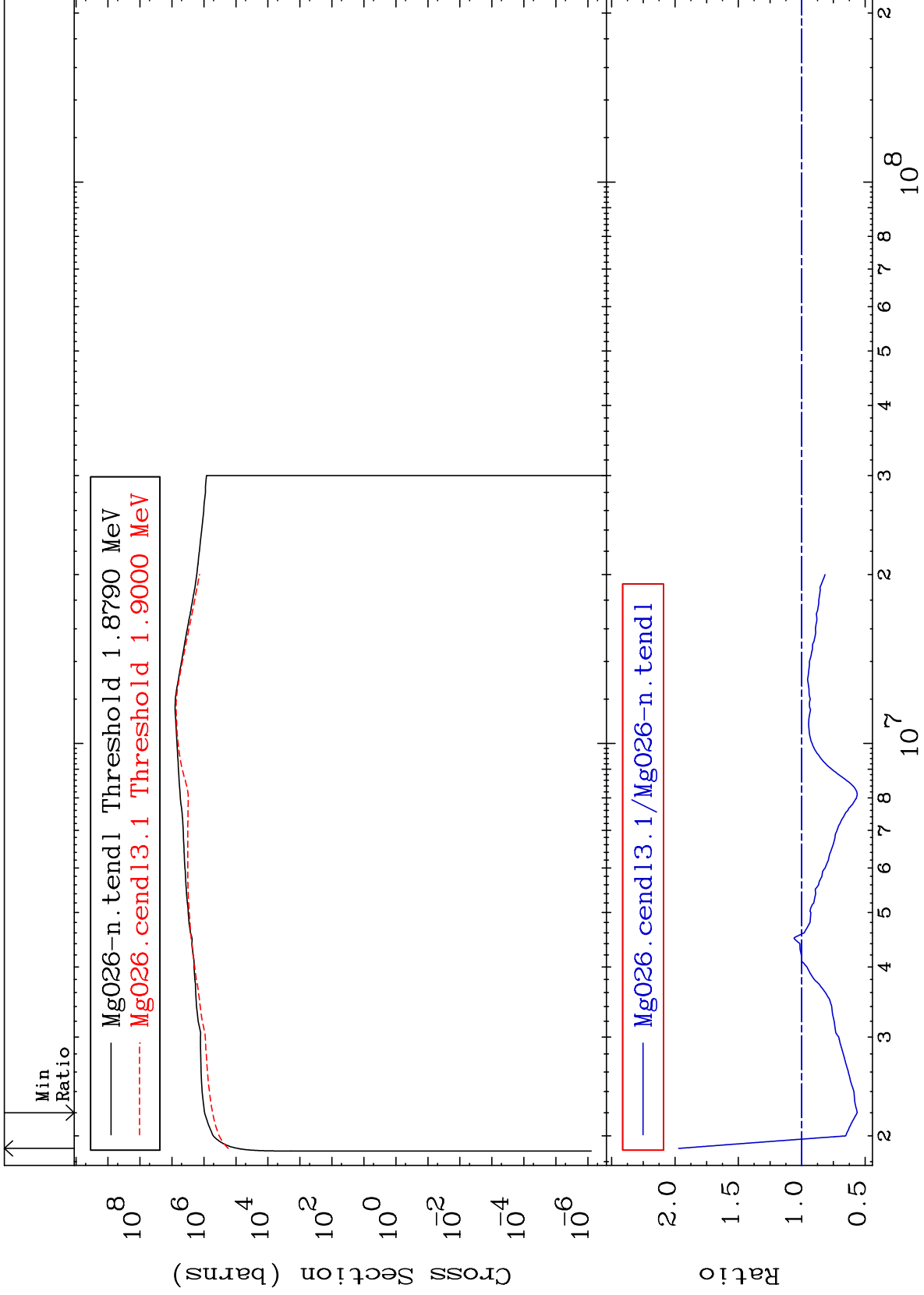


MAT 1231

Kerma non-elastic (all but mt2)
Cross Section

12-Mg-26
-94.04 To 6519. %

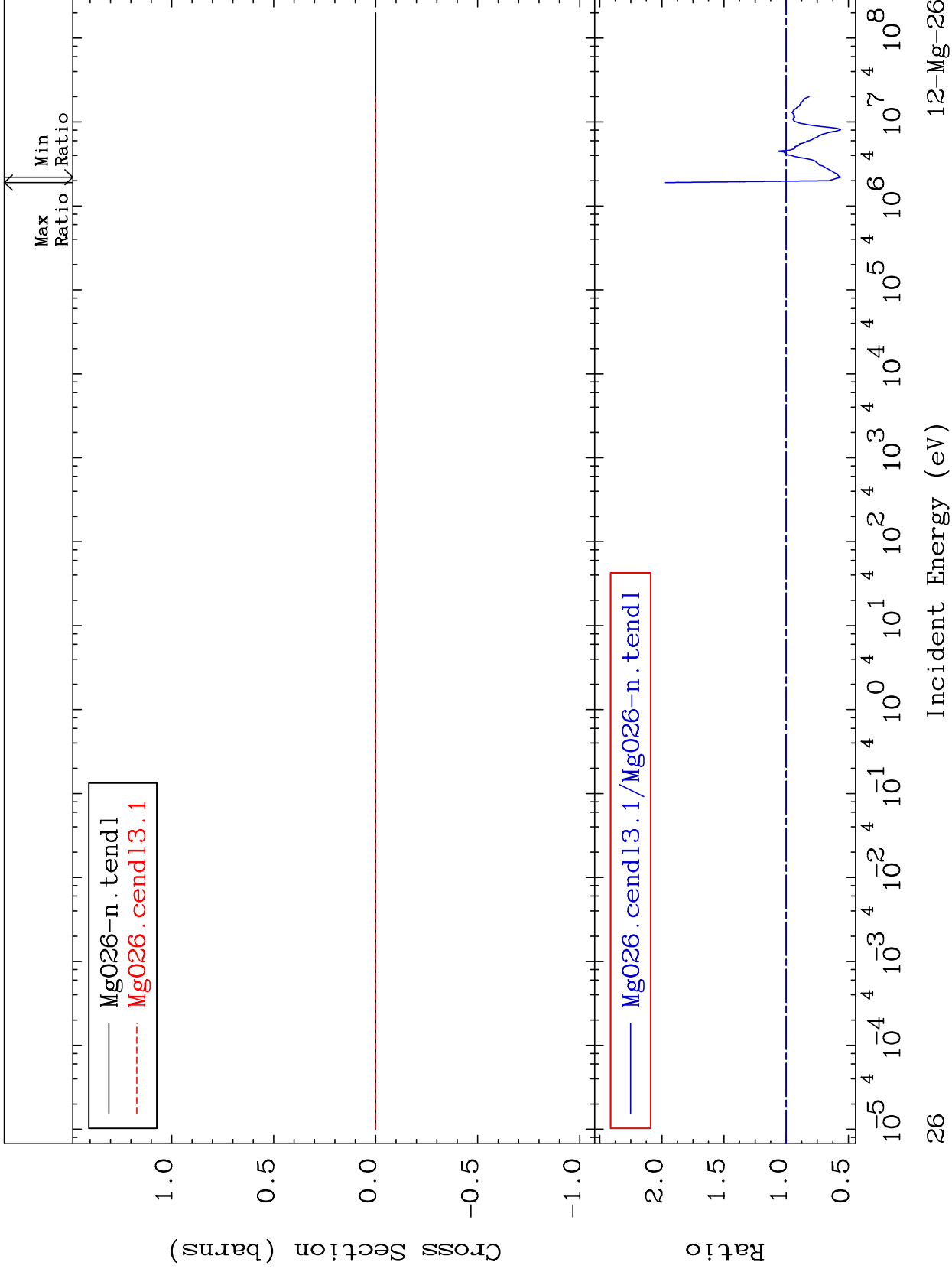




MAT 1231

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

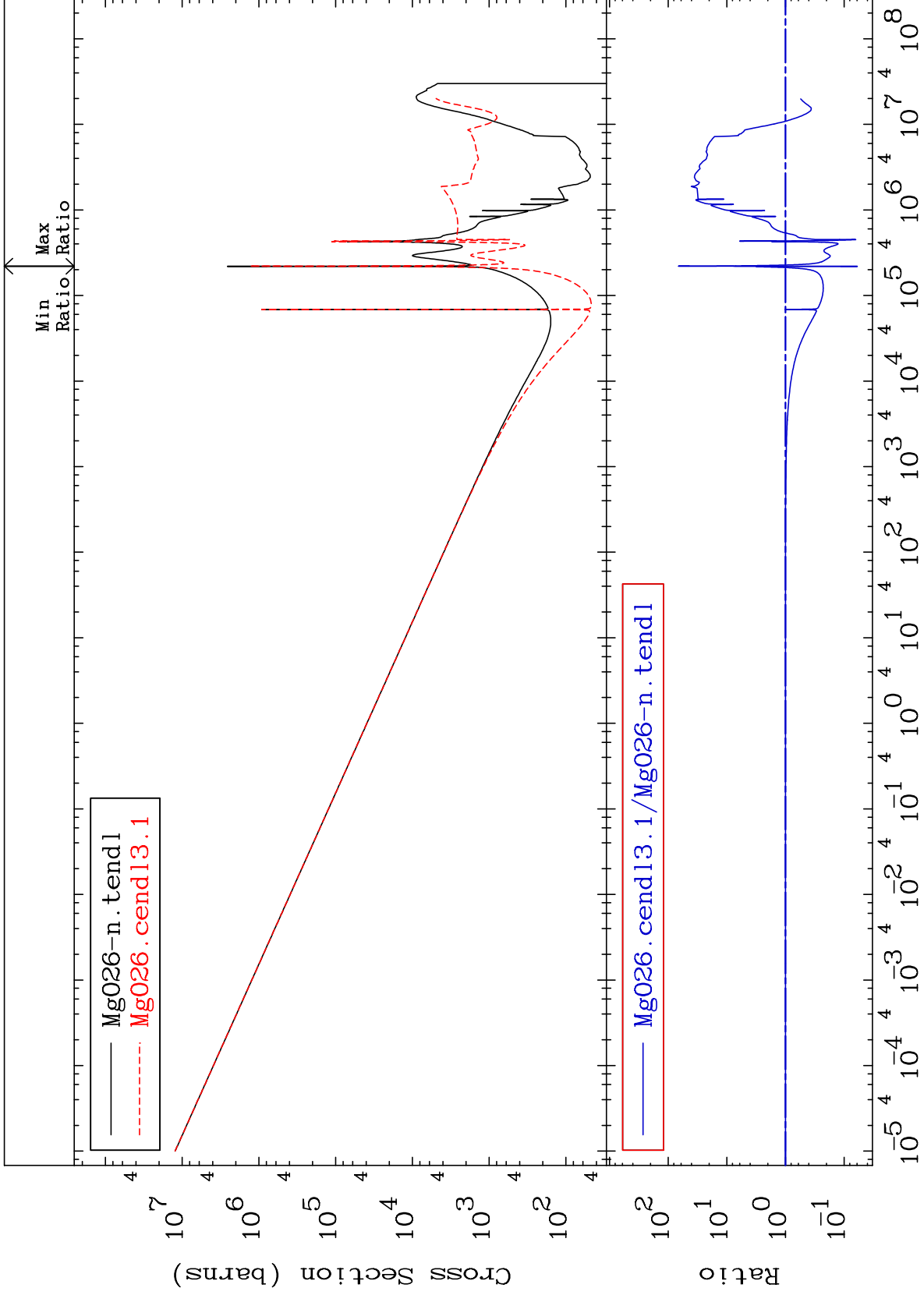
12-Mg-26
-43.82 To 97.11 %



MAT 1231

Kerma capture (mt102)
Cross Section

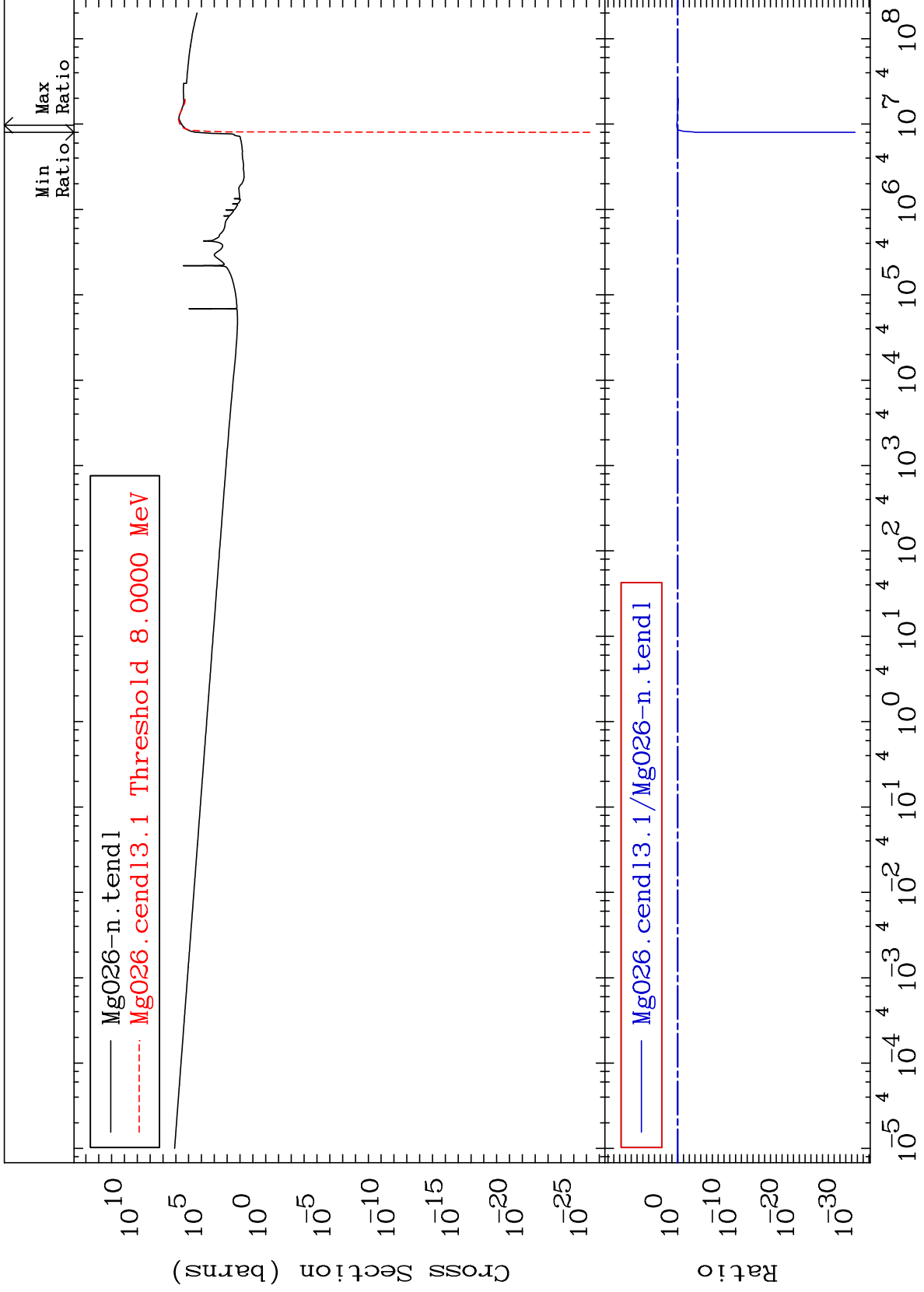
12-Mg-26
-94.04 To 6519. %



MAT 1231

Total photon (eV-barns)
Cross Section

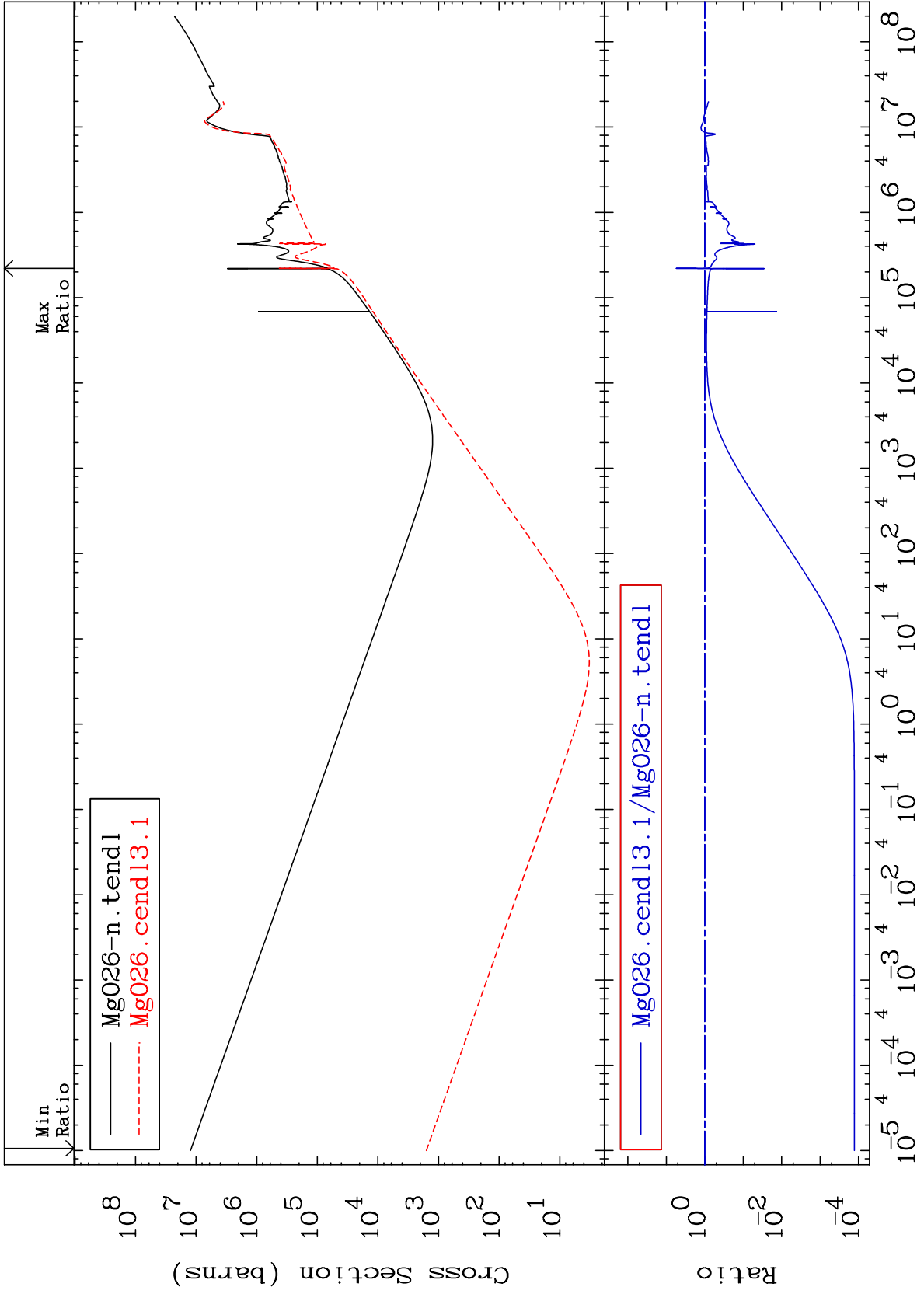
12-Mg-26
-100.0 To 32.89 %



28

Incident Energy (eV)

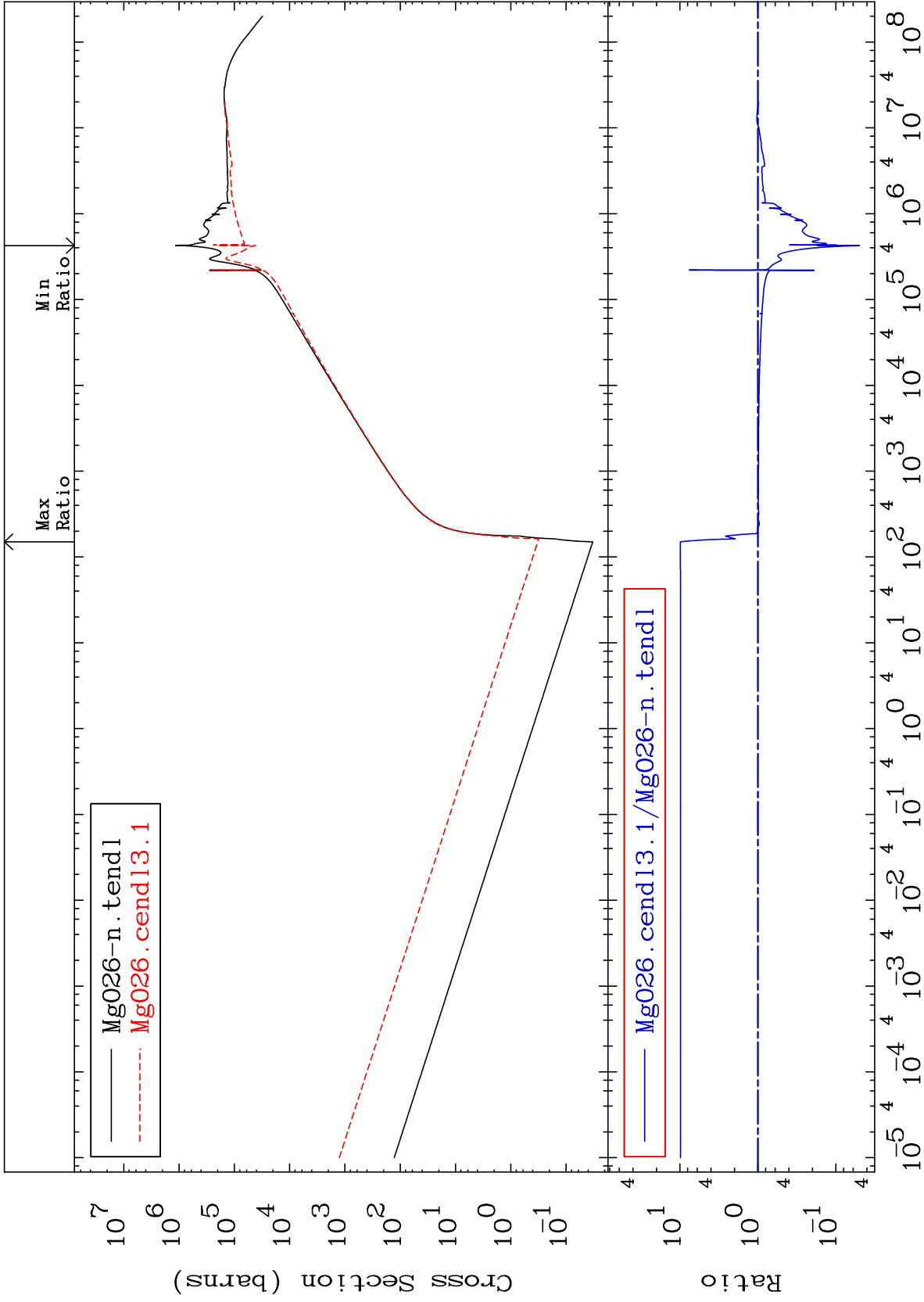
12-Mg-26



MAT 1231

Dpa total (eV-barns)
Cross Section

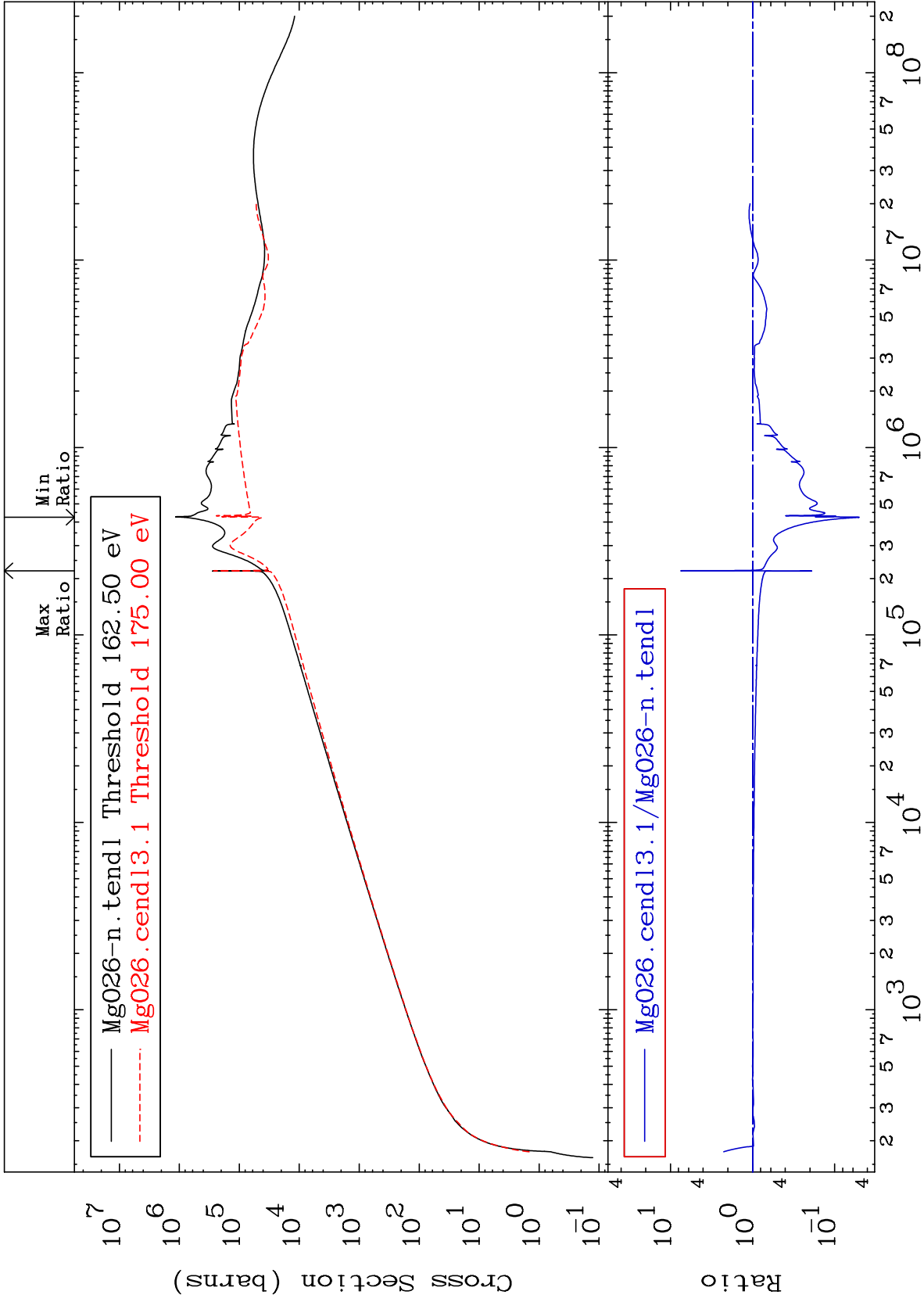
12-Mg-26
-95.00 To 888.5 %

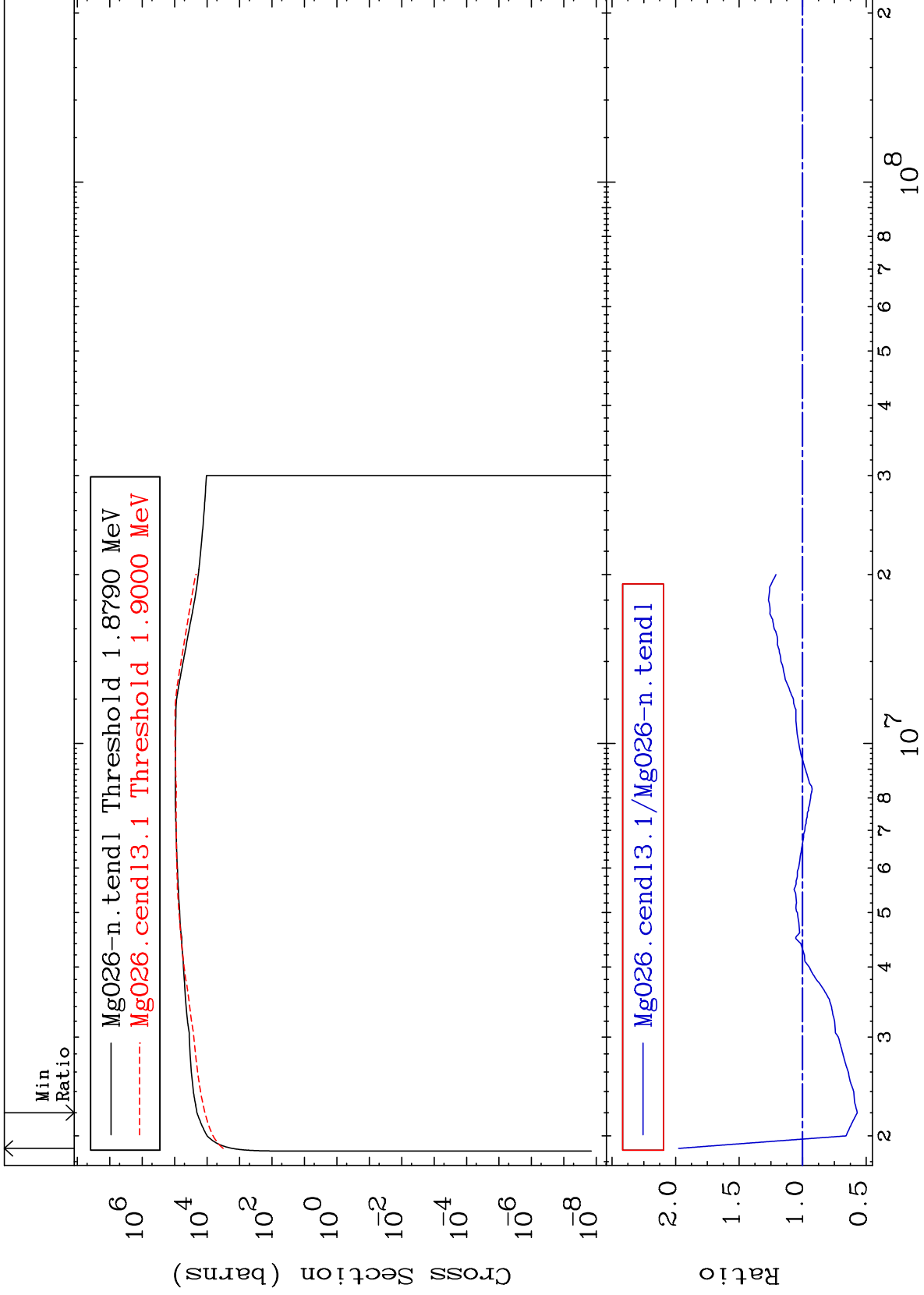


30

Incident Energy (eV)

12-Mg-26





MAT 1231

Dpa disappearance (mt102 -120)
Cross Section

12-Mg-26
-70.55 To 9999. %

