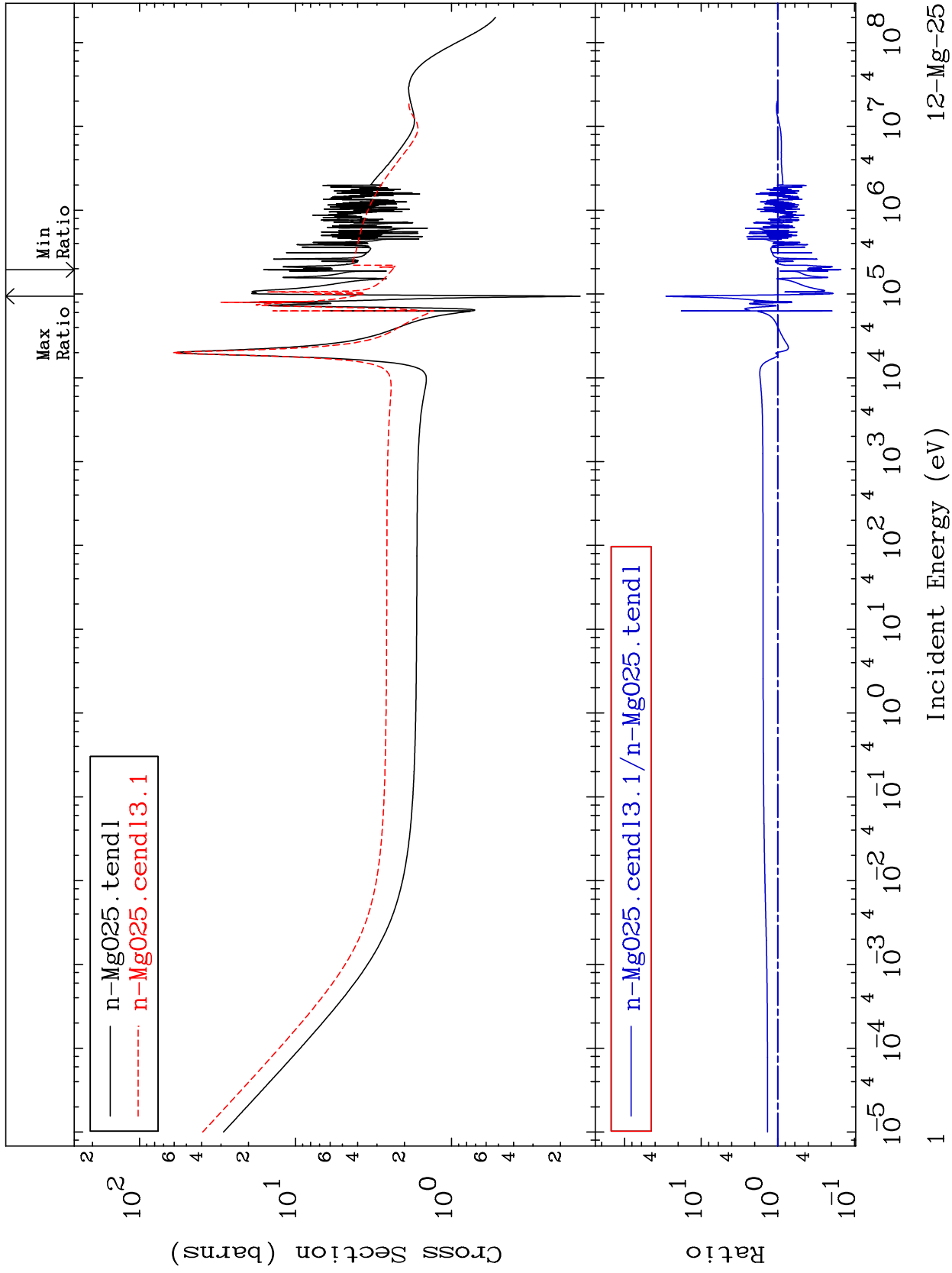


MAT 1228

Total
Cross Section

12-Mg-25
-84.97 To 2780. %



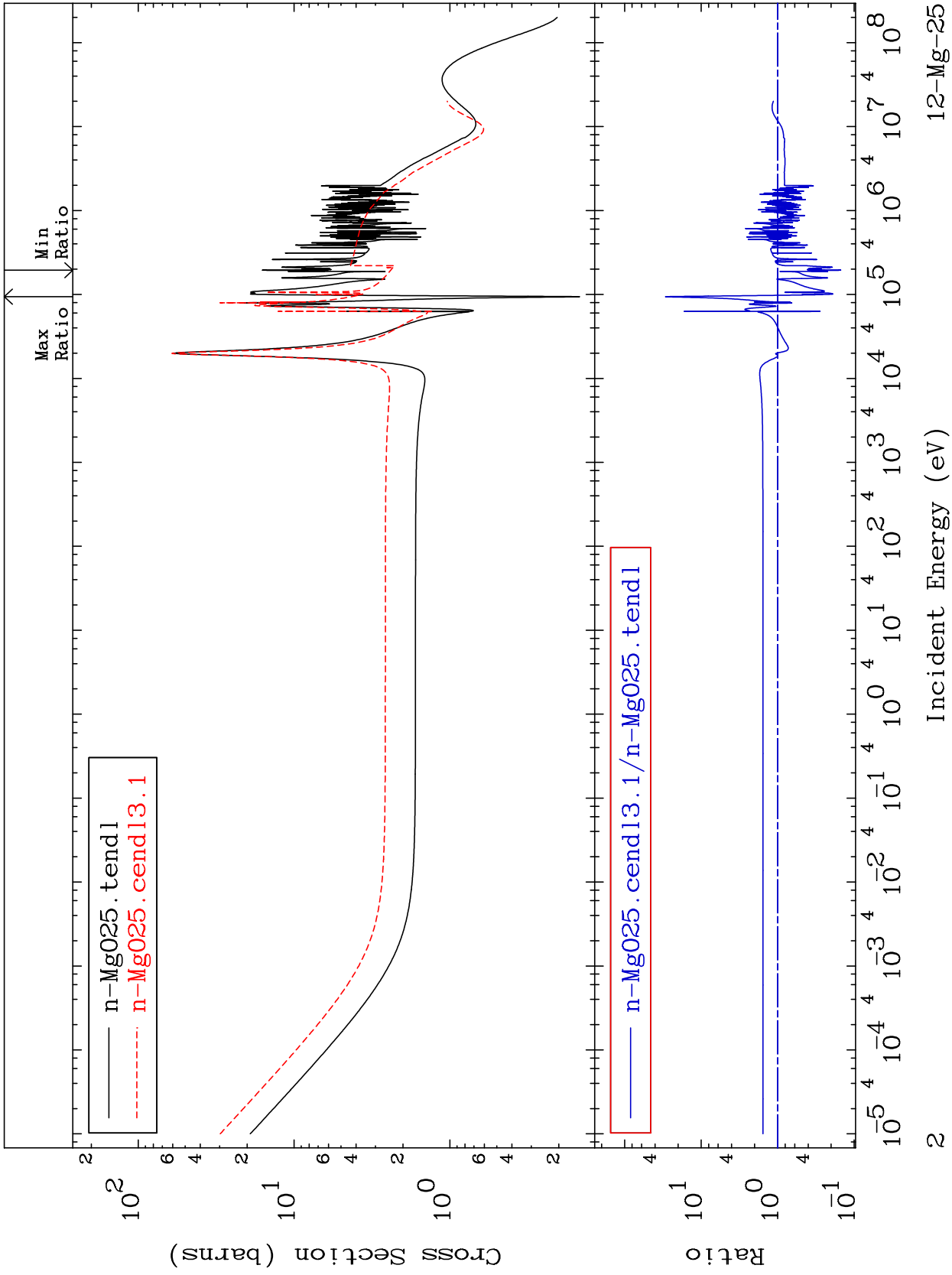
Incident Energy (eV)

12-Mg-25

MAT 1228

Elastic
Cross Section

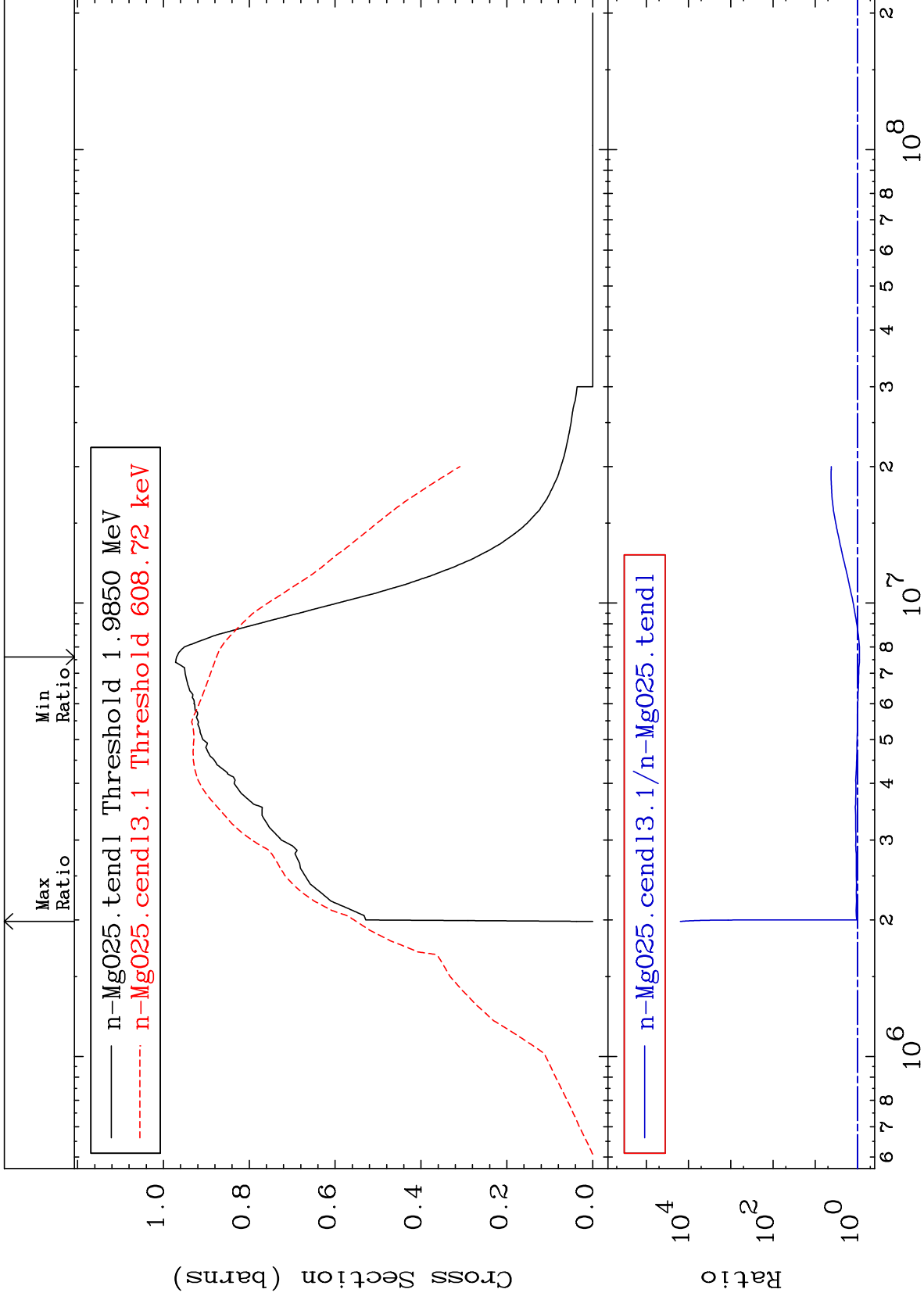
12-Mg-25
-84.97 To 2828. %



MAT 1228

Inelastic
Cross Section

12-Mg-25
-9.585 To 9999. %



3

Incident Energy (eV)

12-Mg-25

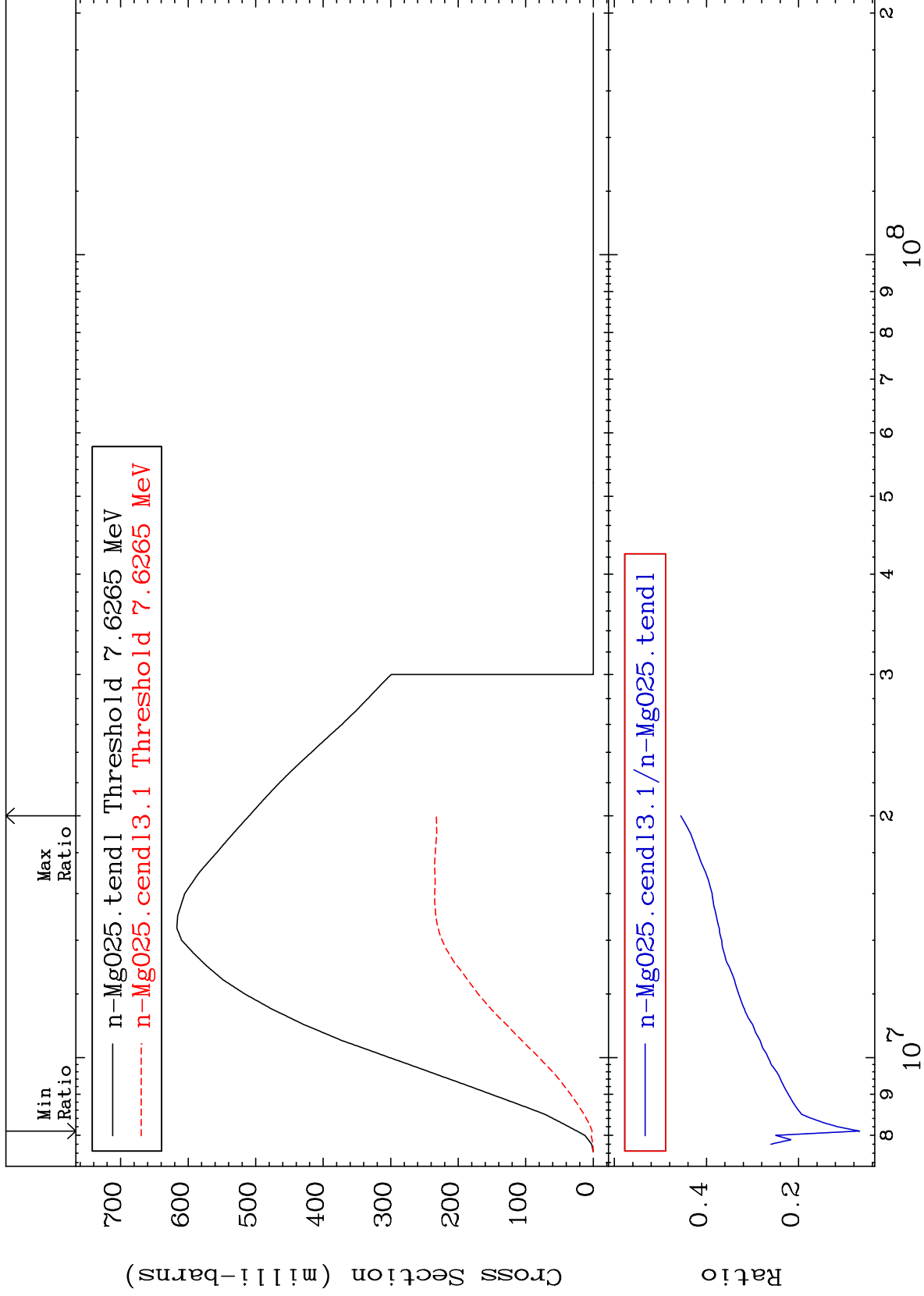
MAT 1228

(n,2n)

12-Mg-25

Cross Section

-93.22 To -54.42%



4

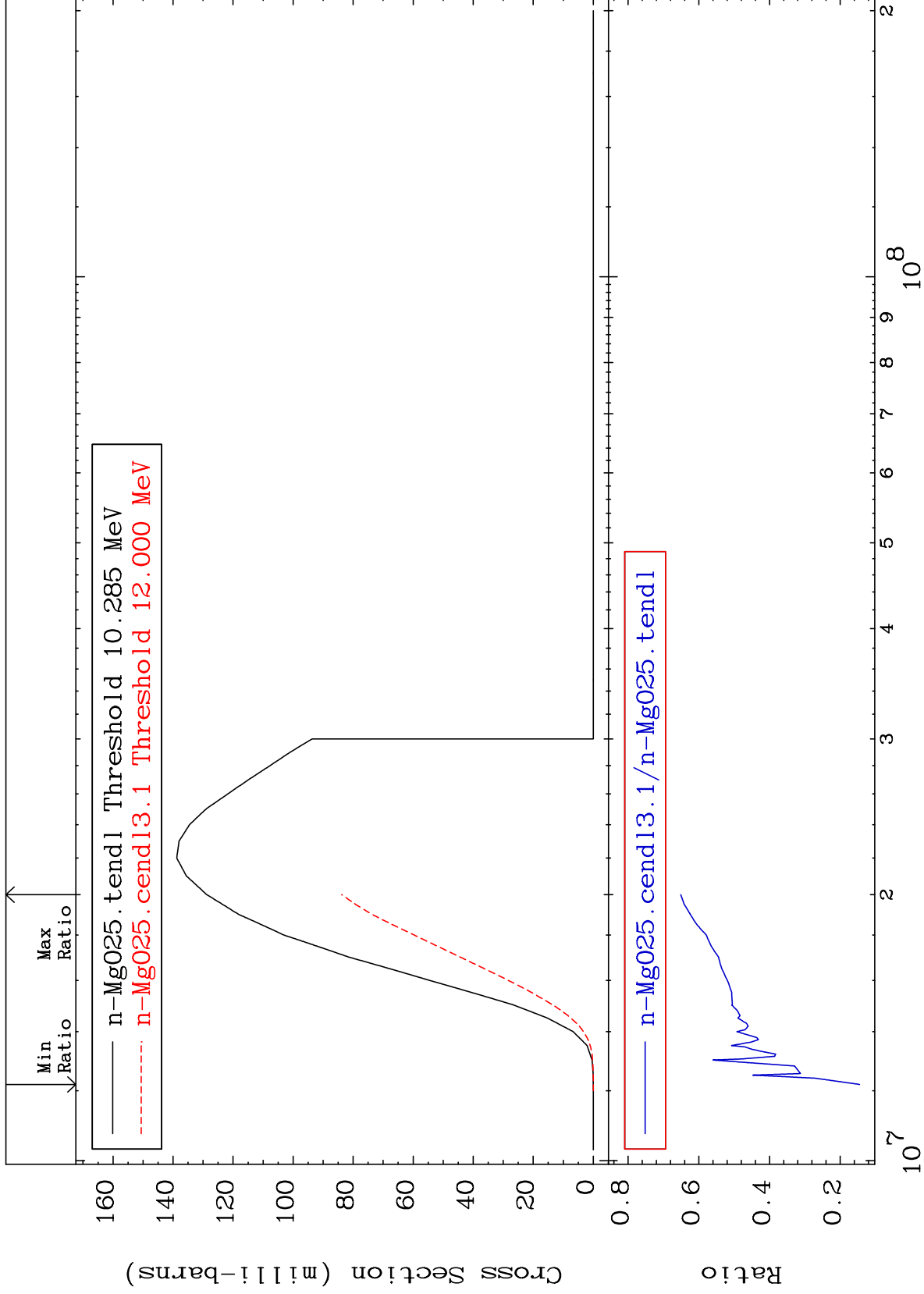
Incident Energy (eV)

12-Mg-25

MAT 1228

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

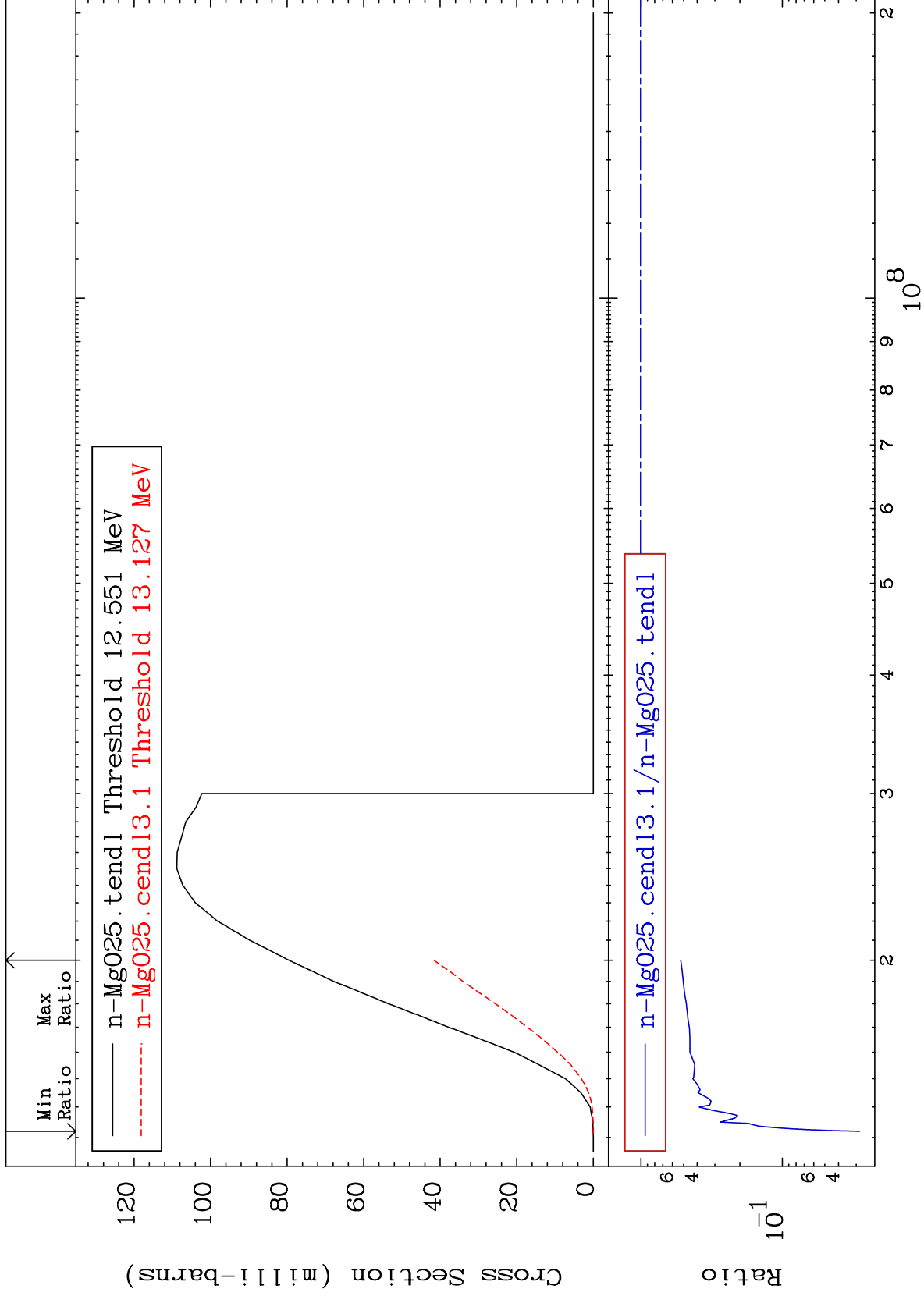
12-Mg-25
-85.45 To -34.91%



MAT 1228

(n, n') p
Cross Section

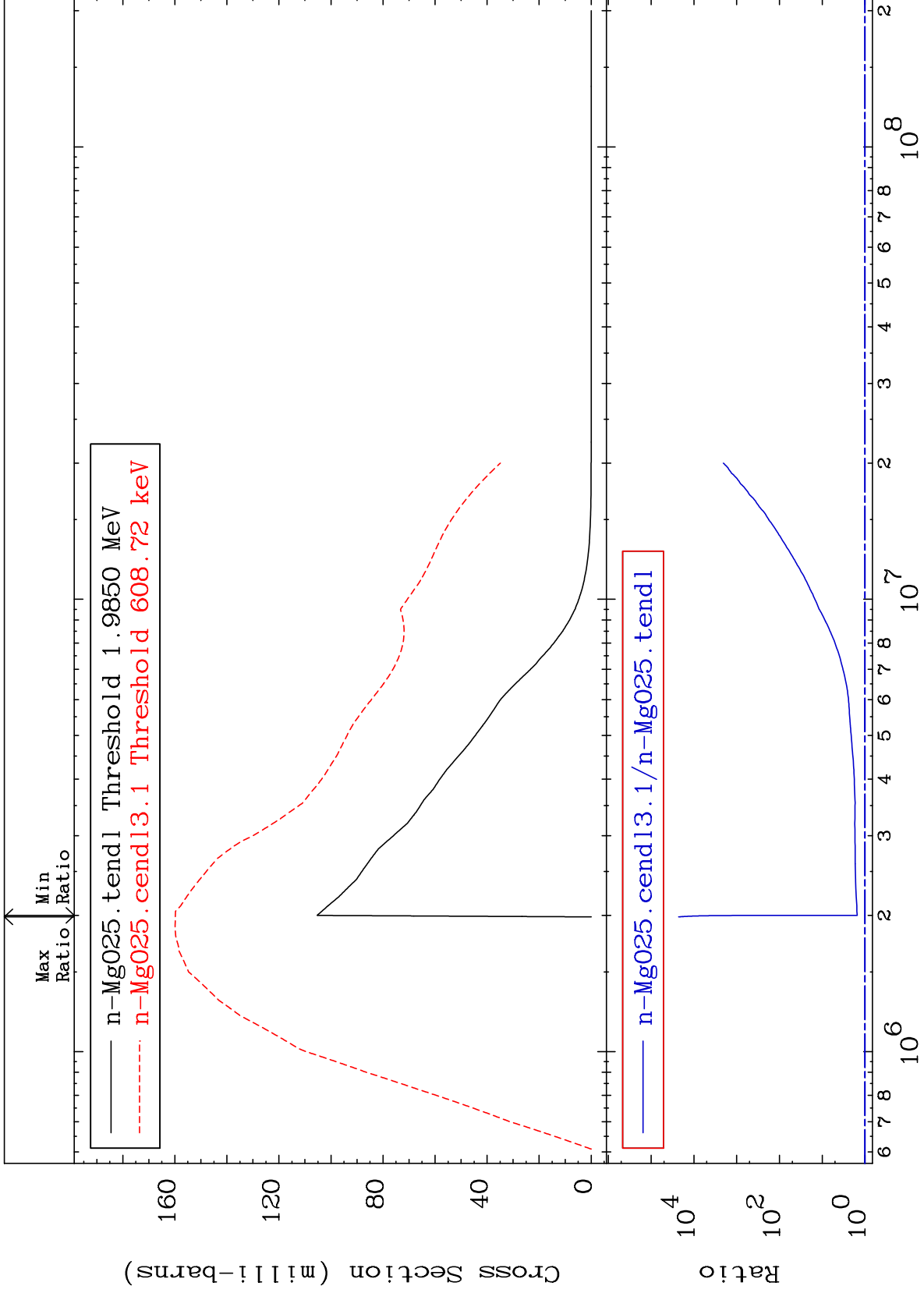
12-Mg-25
-97.16 To -47.68%



MAT 1228

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

12-Mg-25
51.68 To 9999. %



7

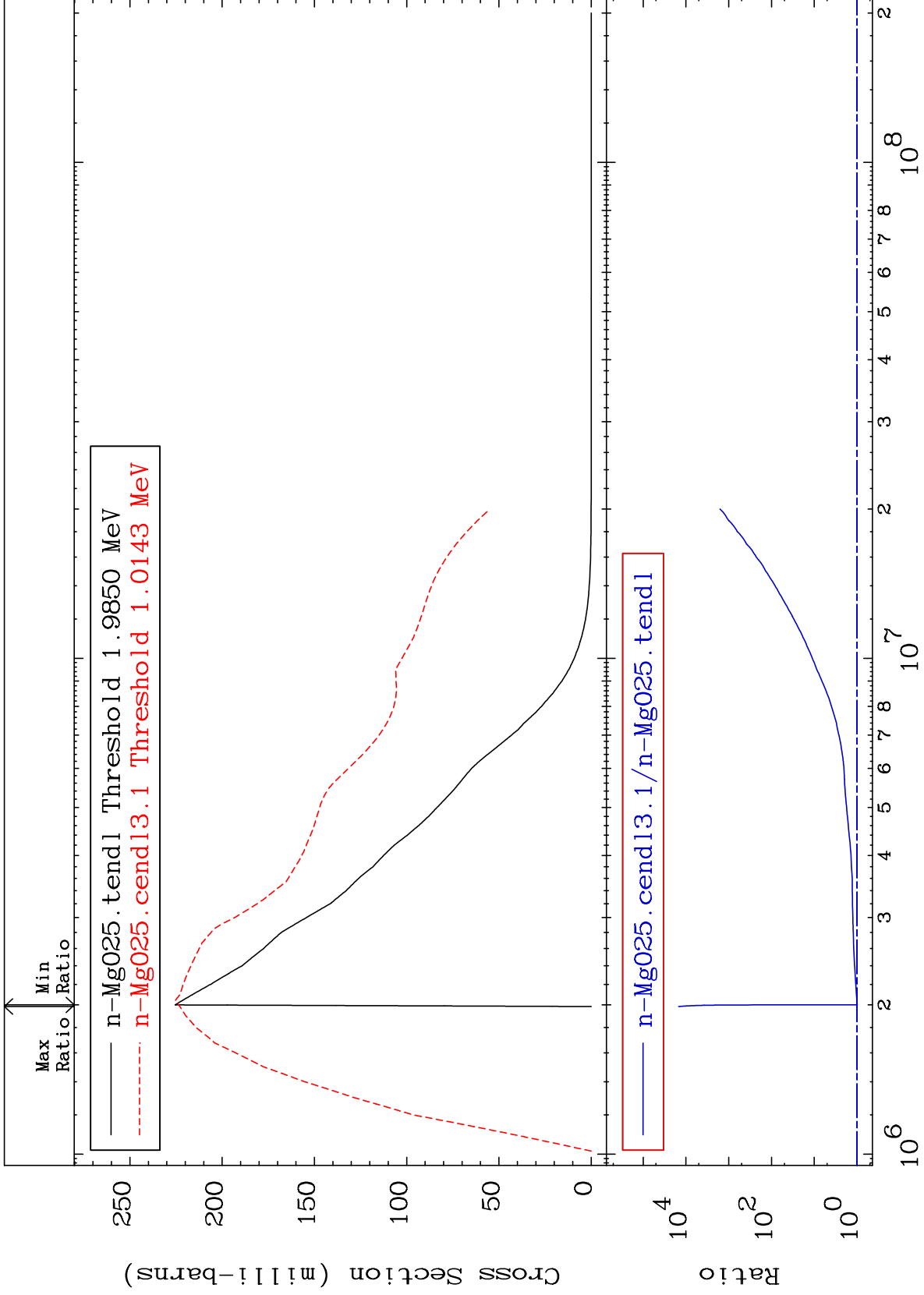
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25
-0.888 To 9999. %



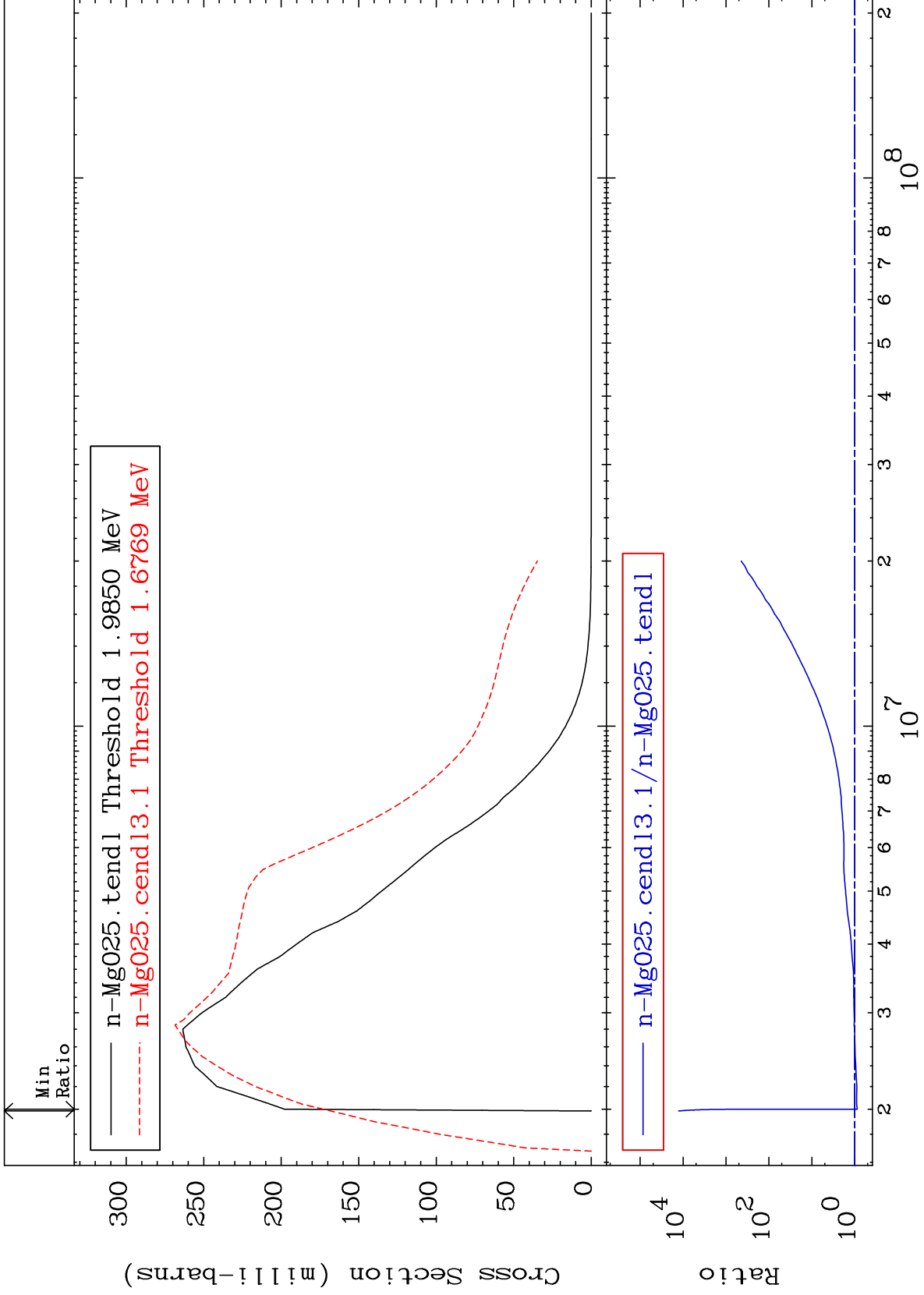
12-Mg-25

8

MAT 1228

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

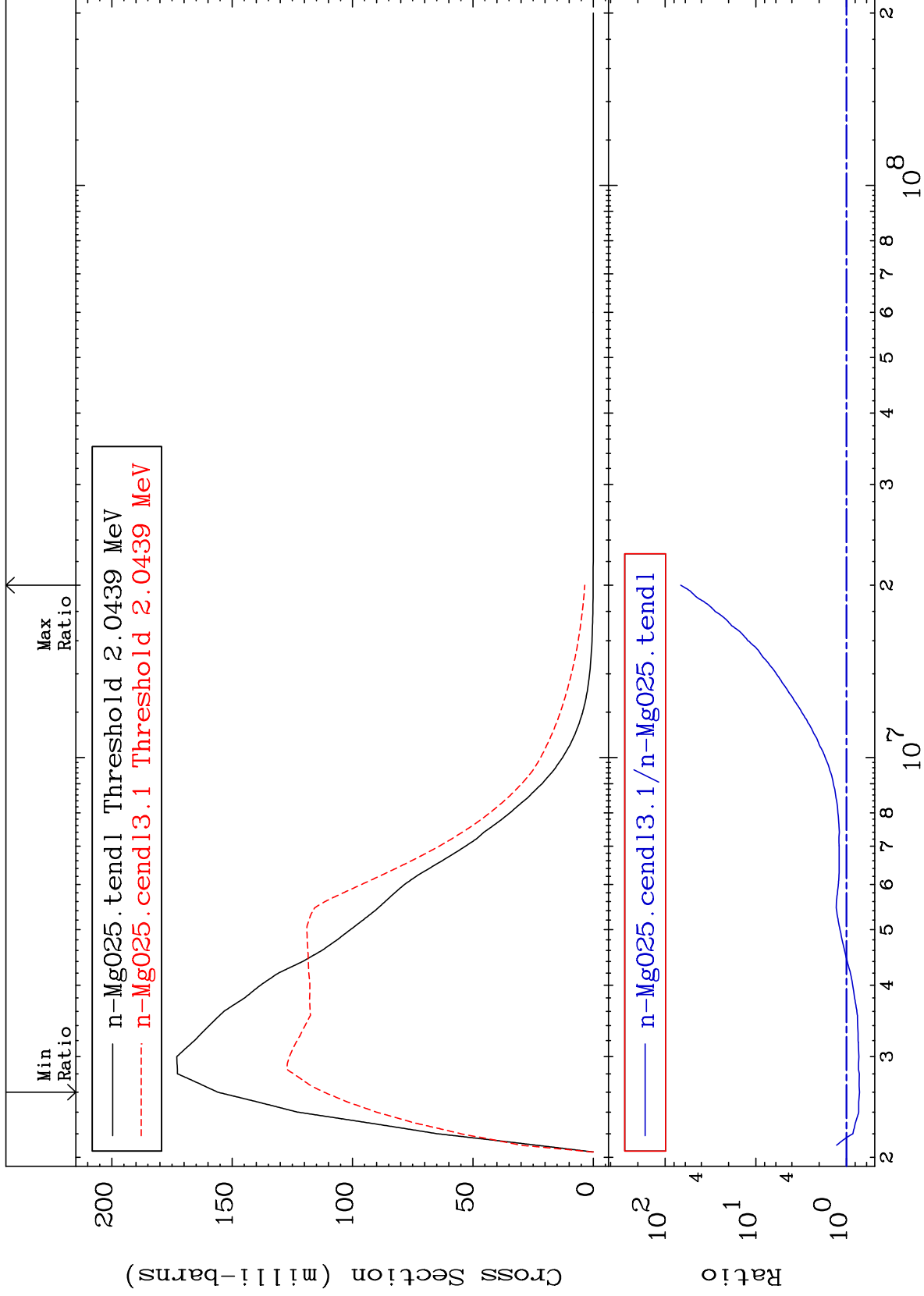
12-Mg-25
-12.66 To 9999. %



MAT 1228

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

12-Mg-25
-28.31 To 6633. %



10

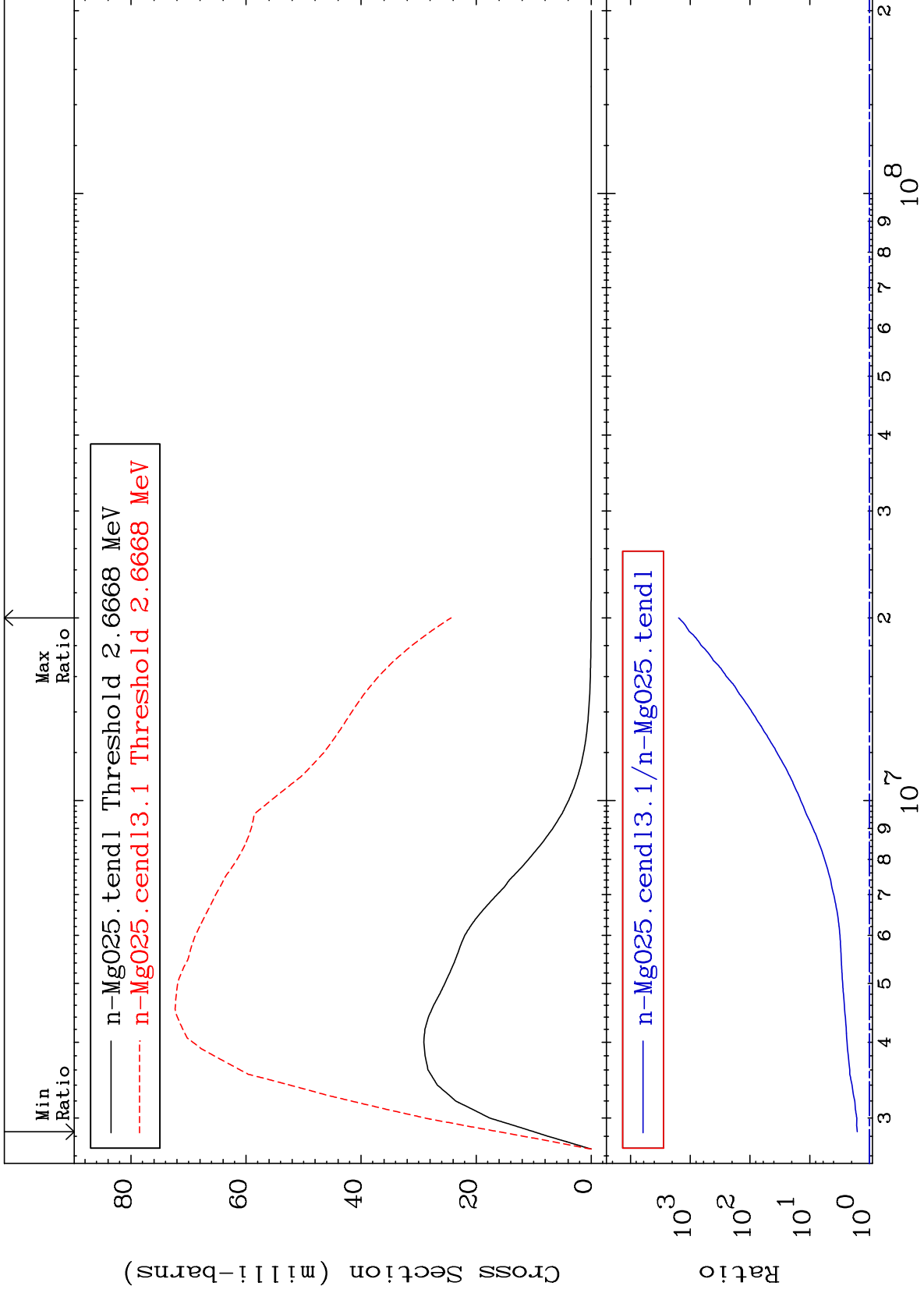
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25
60.72 To 9999. %



11

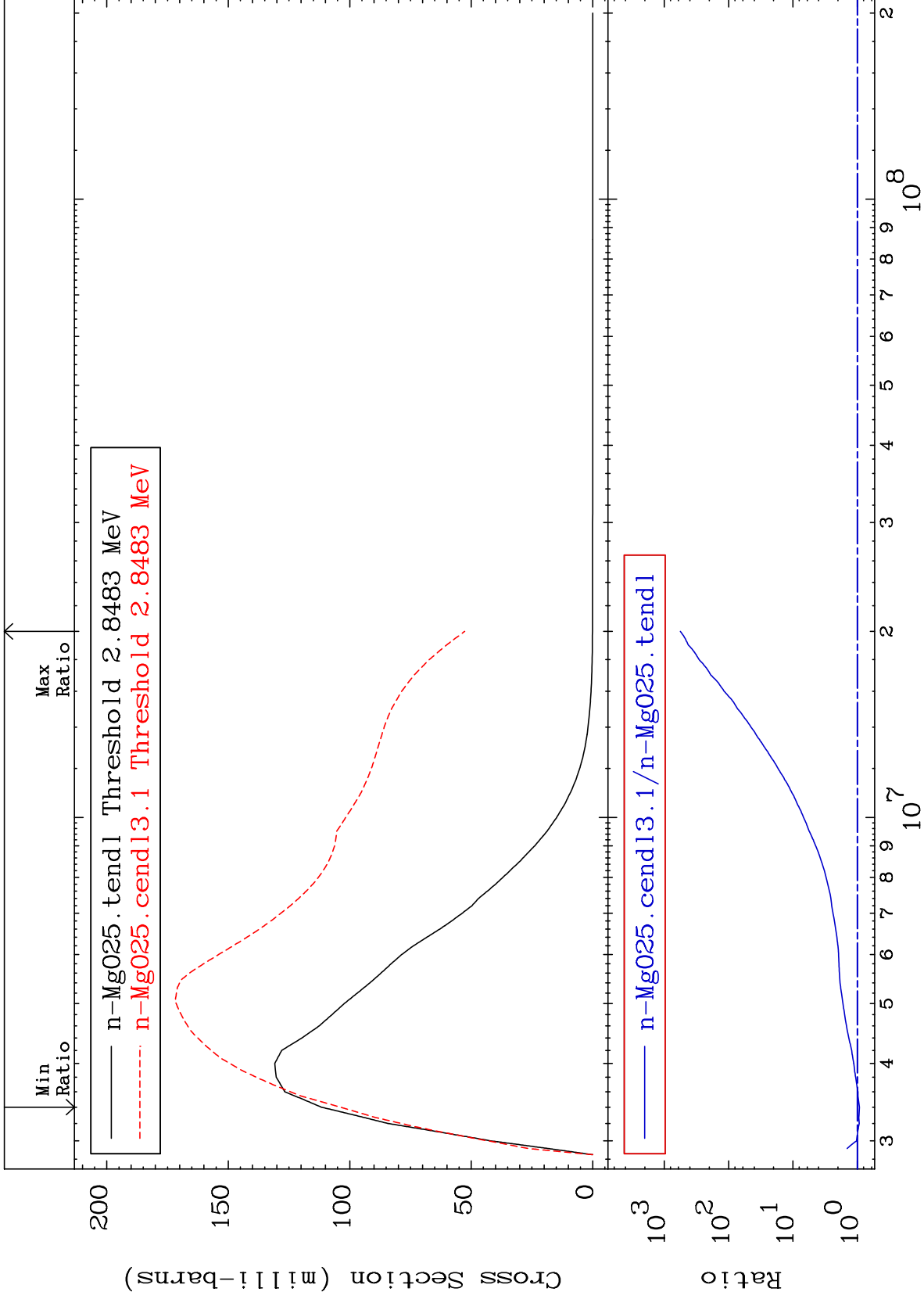
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25
-7.048 To 9999. %



12

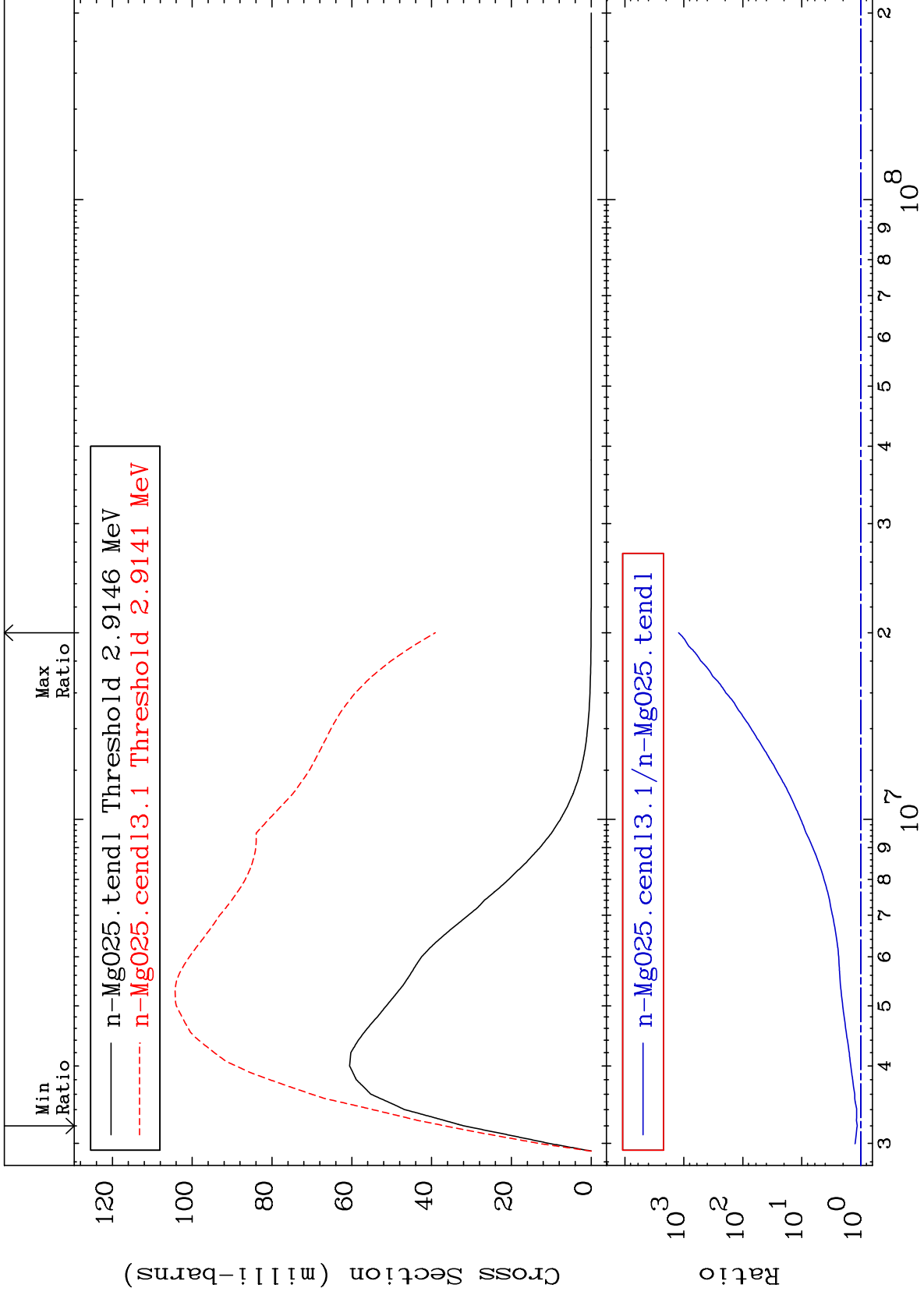
Incident Energy (eV)

12-Mg-25

MAT 1228

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

12-Mg-25
14.65 To 9999. %



13

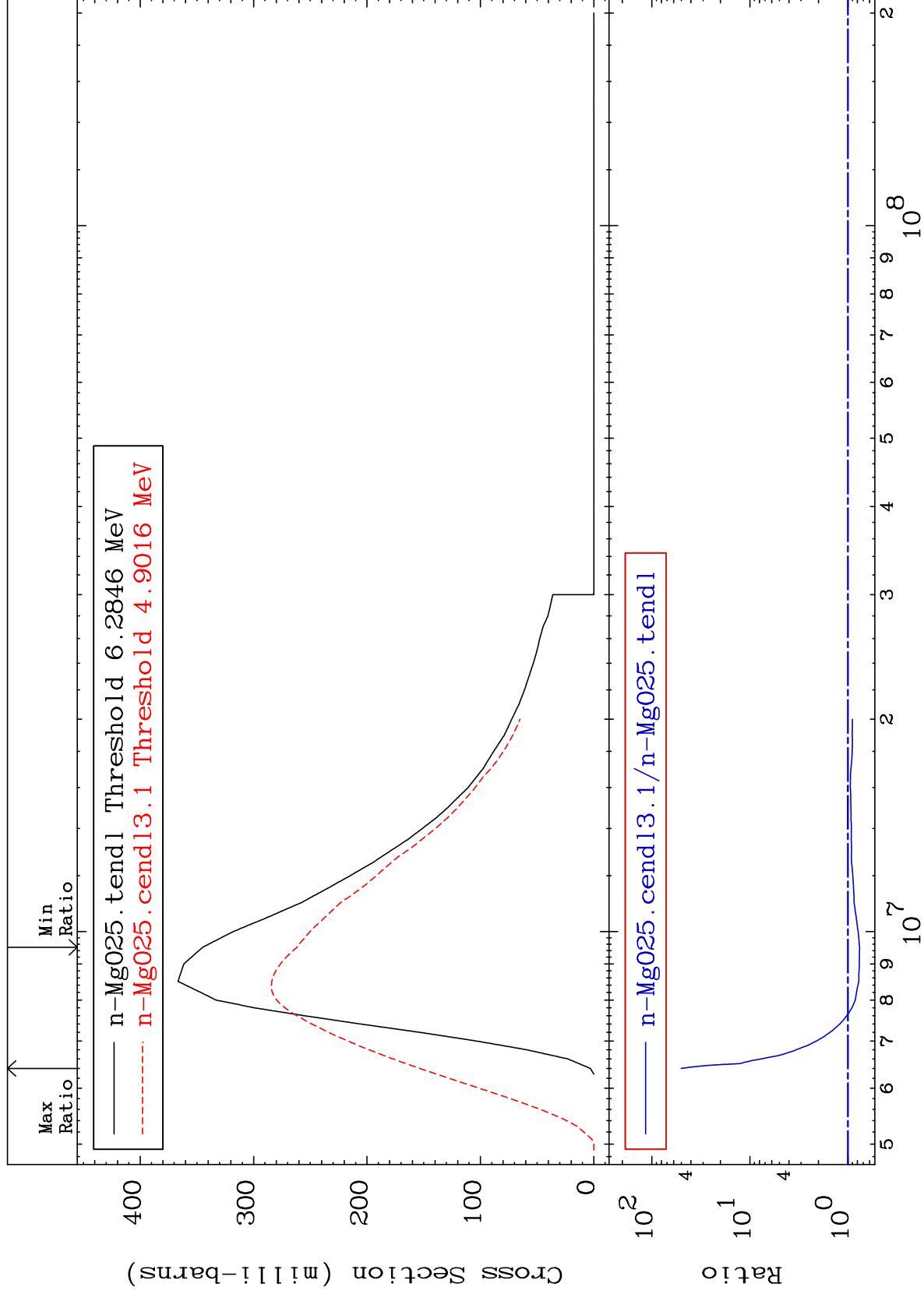
Incident Energy (eV)

12-Mg-25

MAT 1228

(n, n') Continuum
Cross Section

12-Mg-25
-24.12 To 4926. %



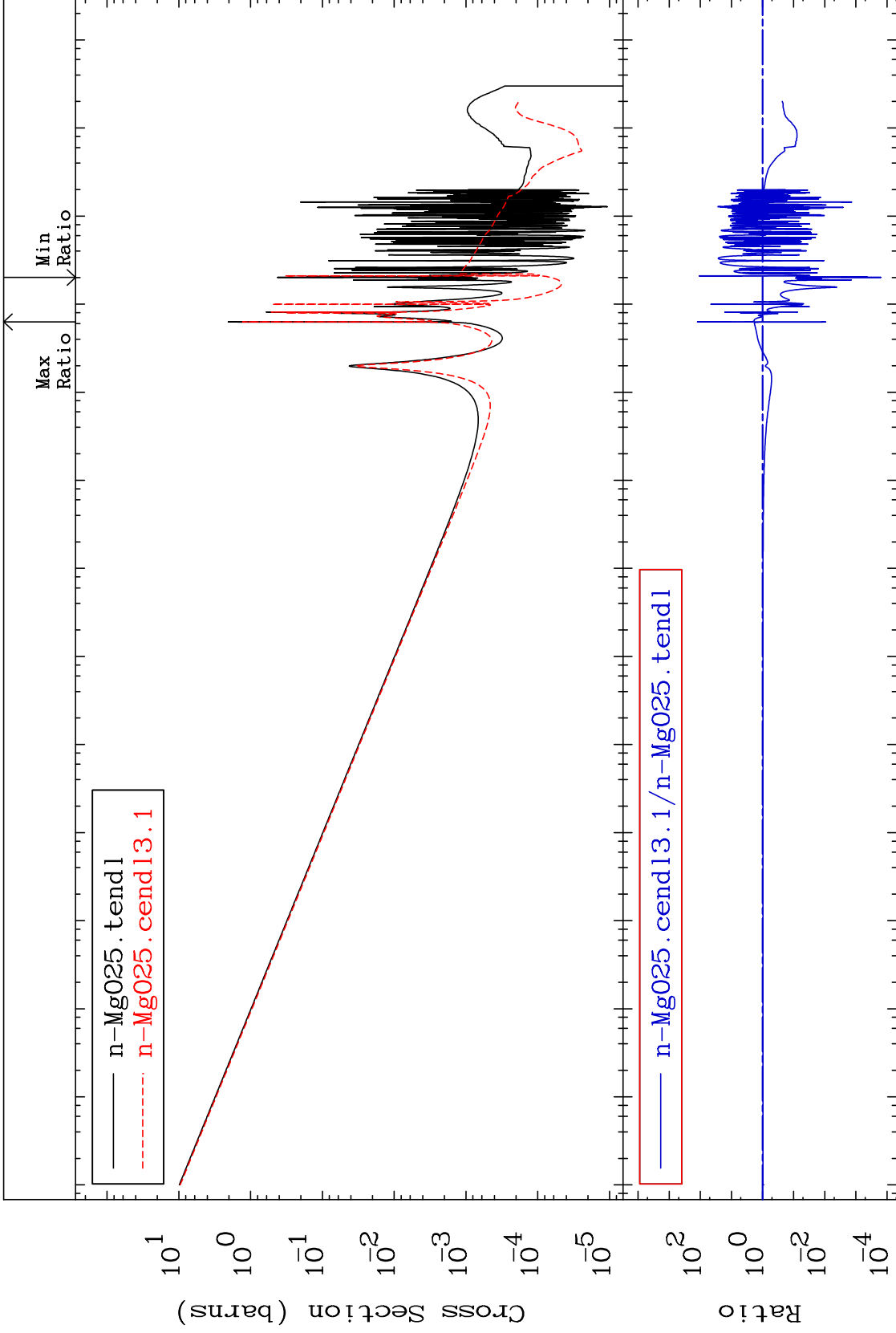
MAT 1228

(n, γ)

12-Mg-25

Cross Section

-99.98 To 9999. %



Incident Energy (eV)

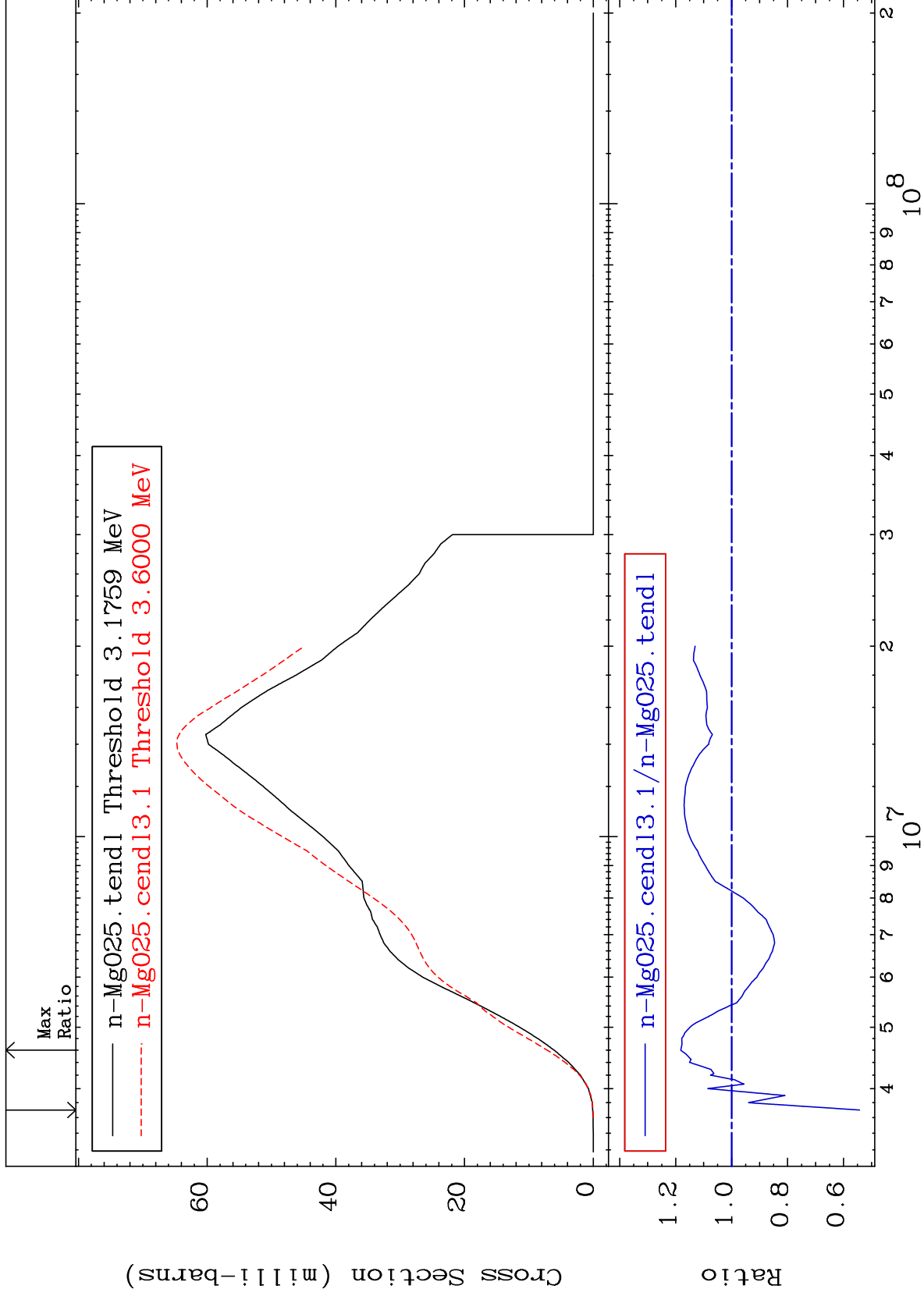
12-Mg-25

15

MAT 1228

(n,p)
Cross Section

12-Mg-25
-45.71 To 18.18 %



16

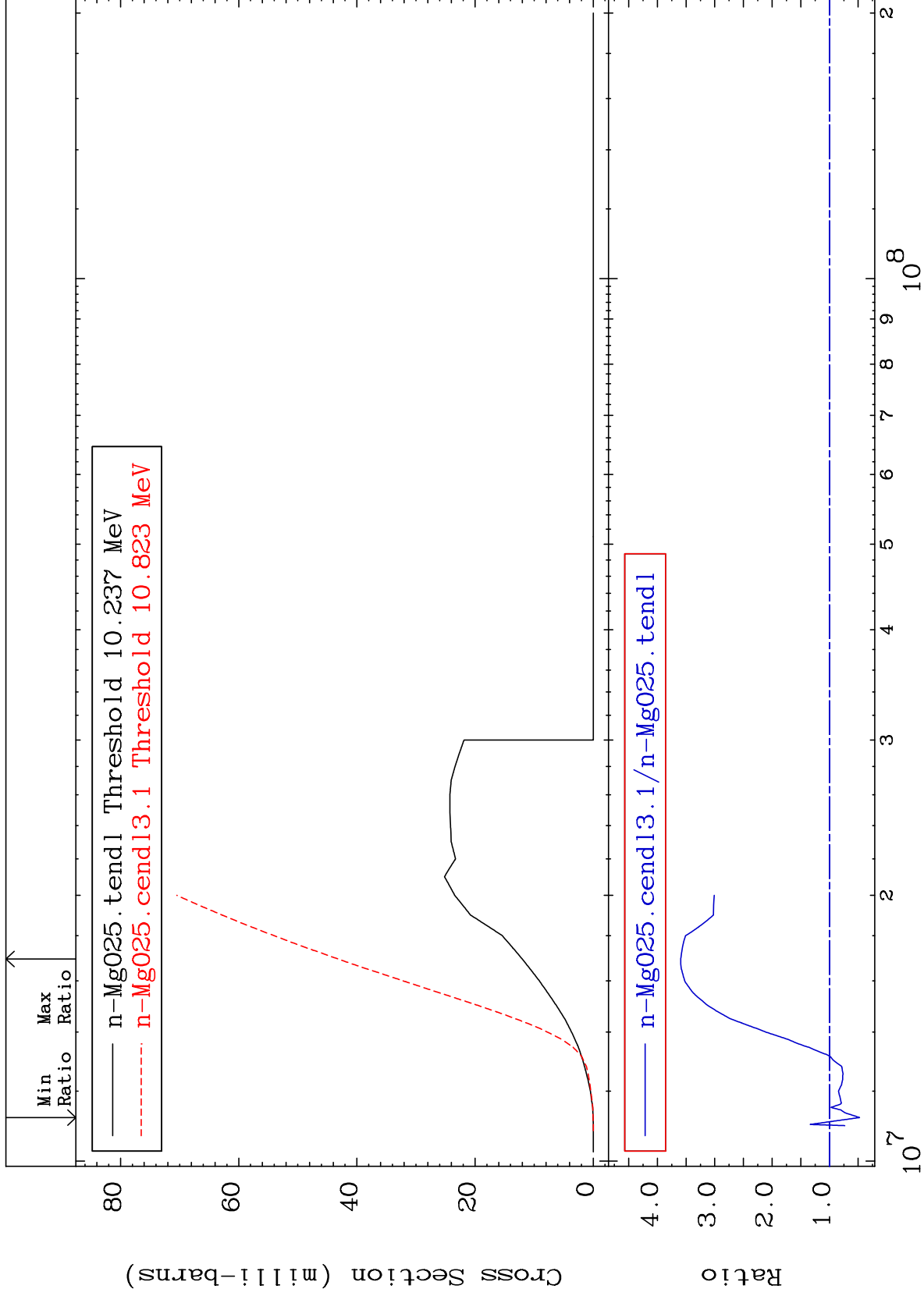
Incident Energy (eV)

12-Mg-25

MAT 1228

(n, d)
Cross Section

12-Mg-25
-52.40 To 259.2 %



17

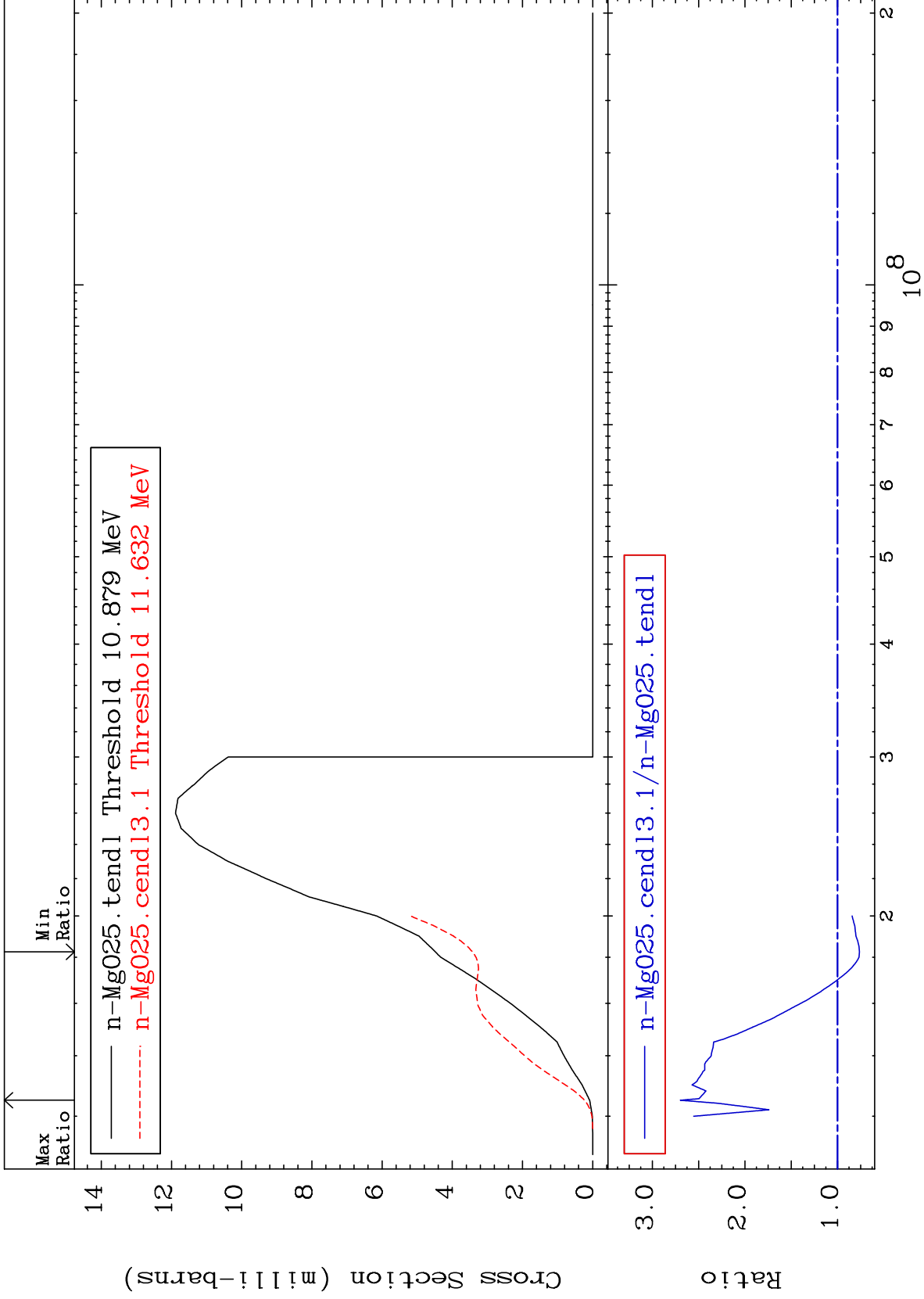
Incident Energy (eV)

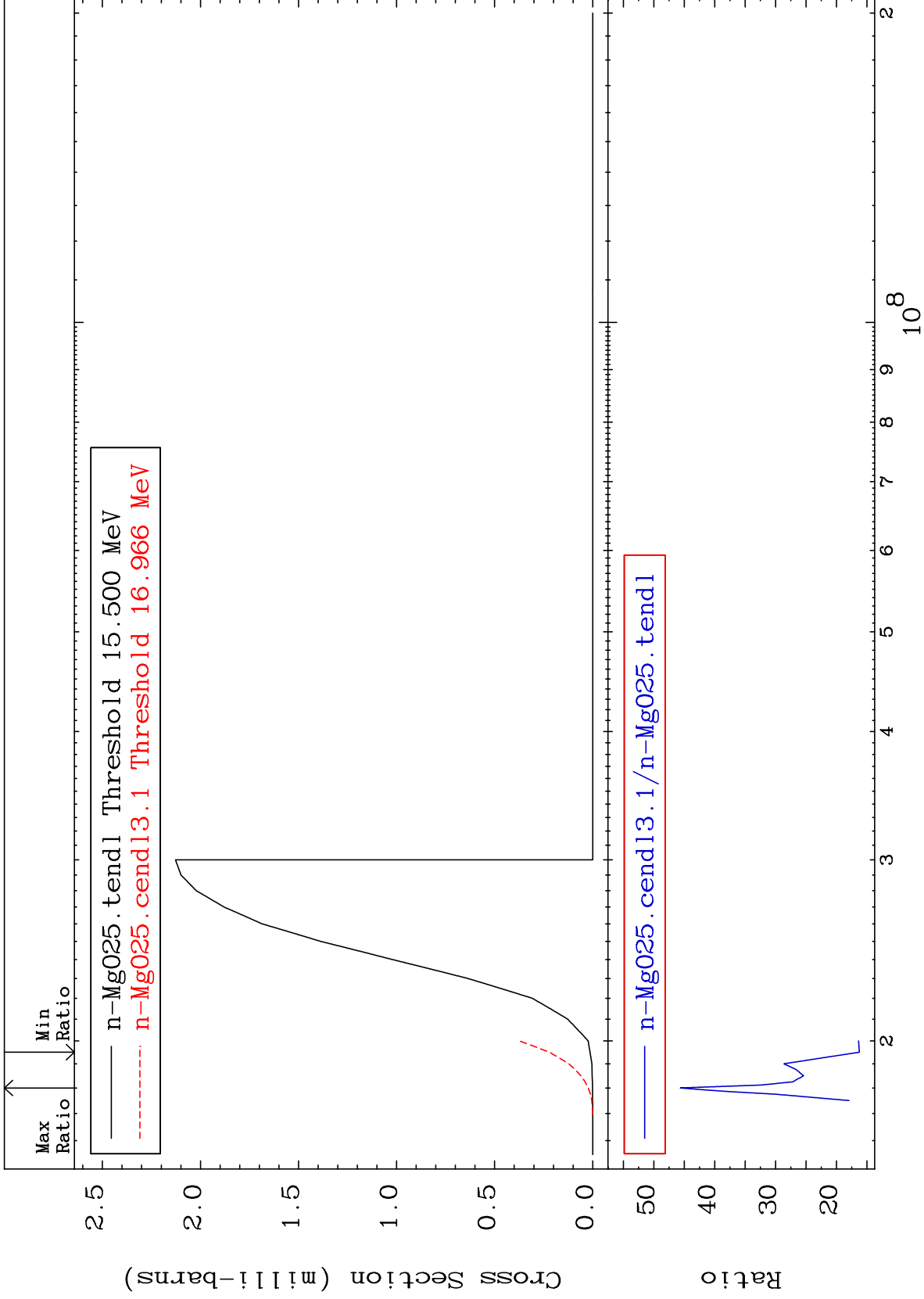
12-Mg-25

MAT 1228

(n, t)
Cross Section

12-Mg-25
-23.66 To 169.7 %

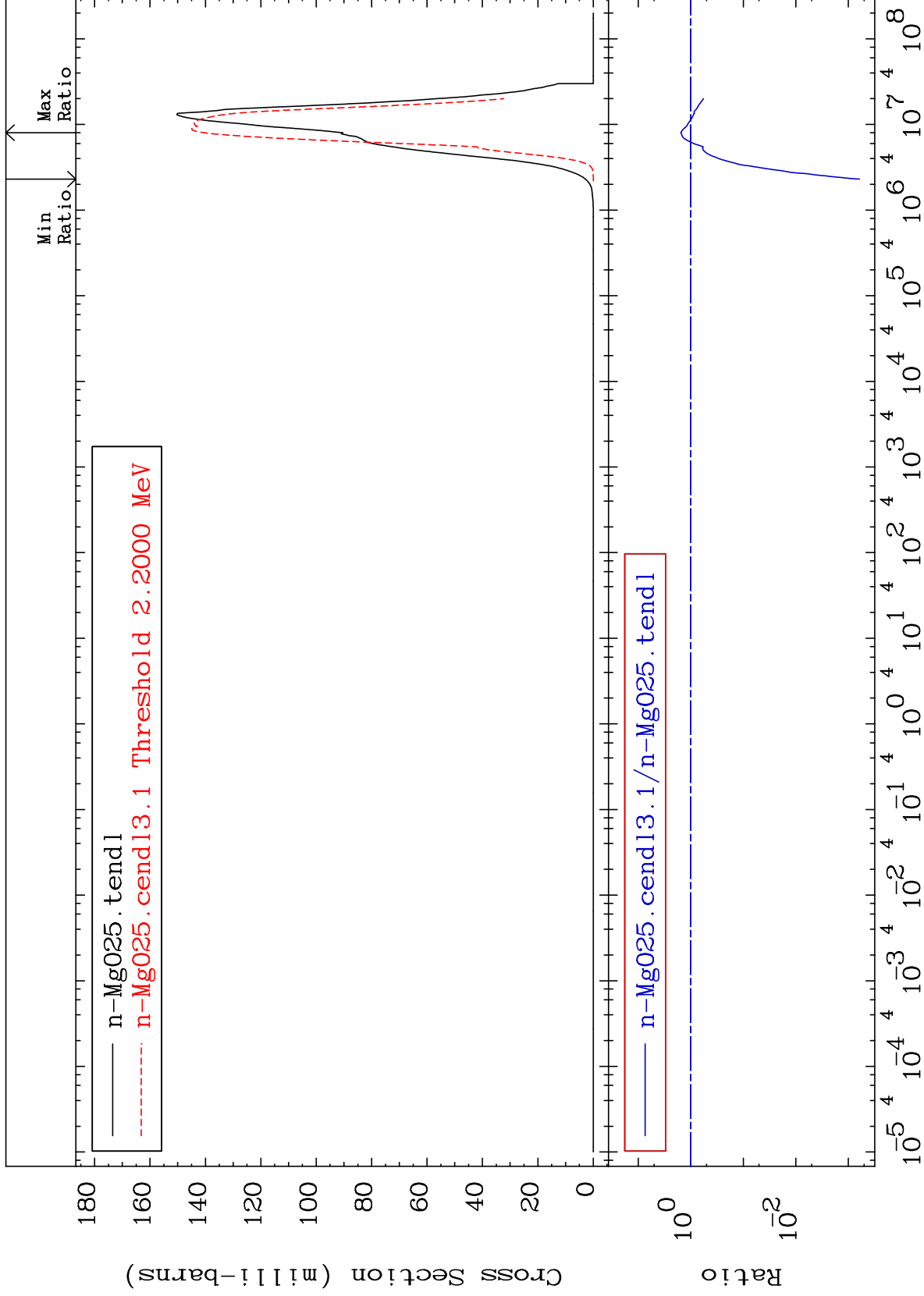


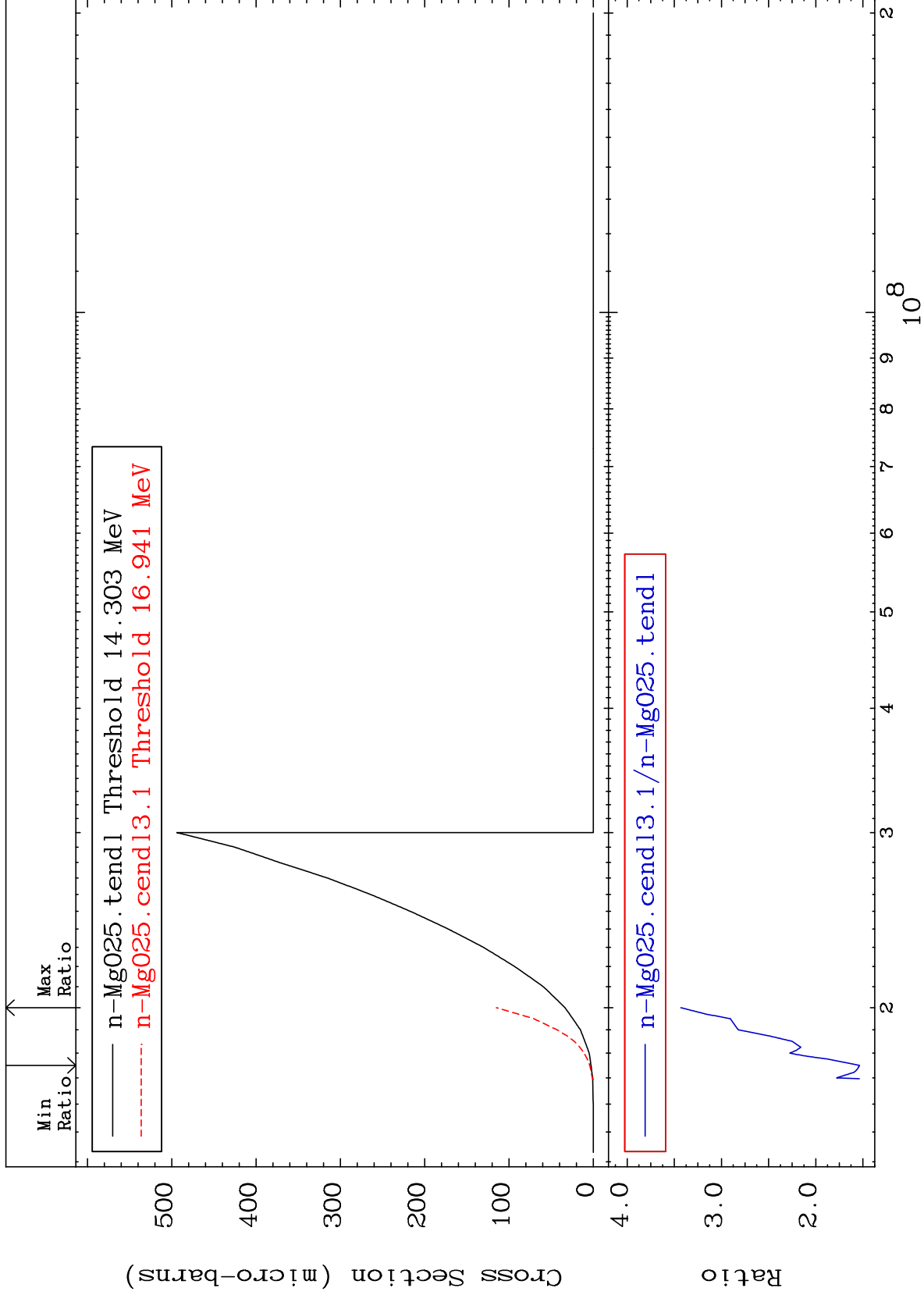


MAT 1228

(n, α)
Cross Section

12-Mg-25
-99.94 To 55.40 %

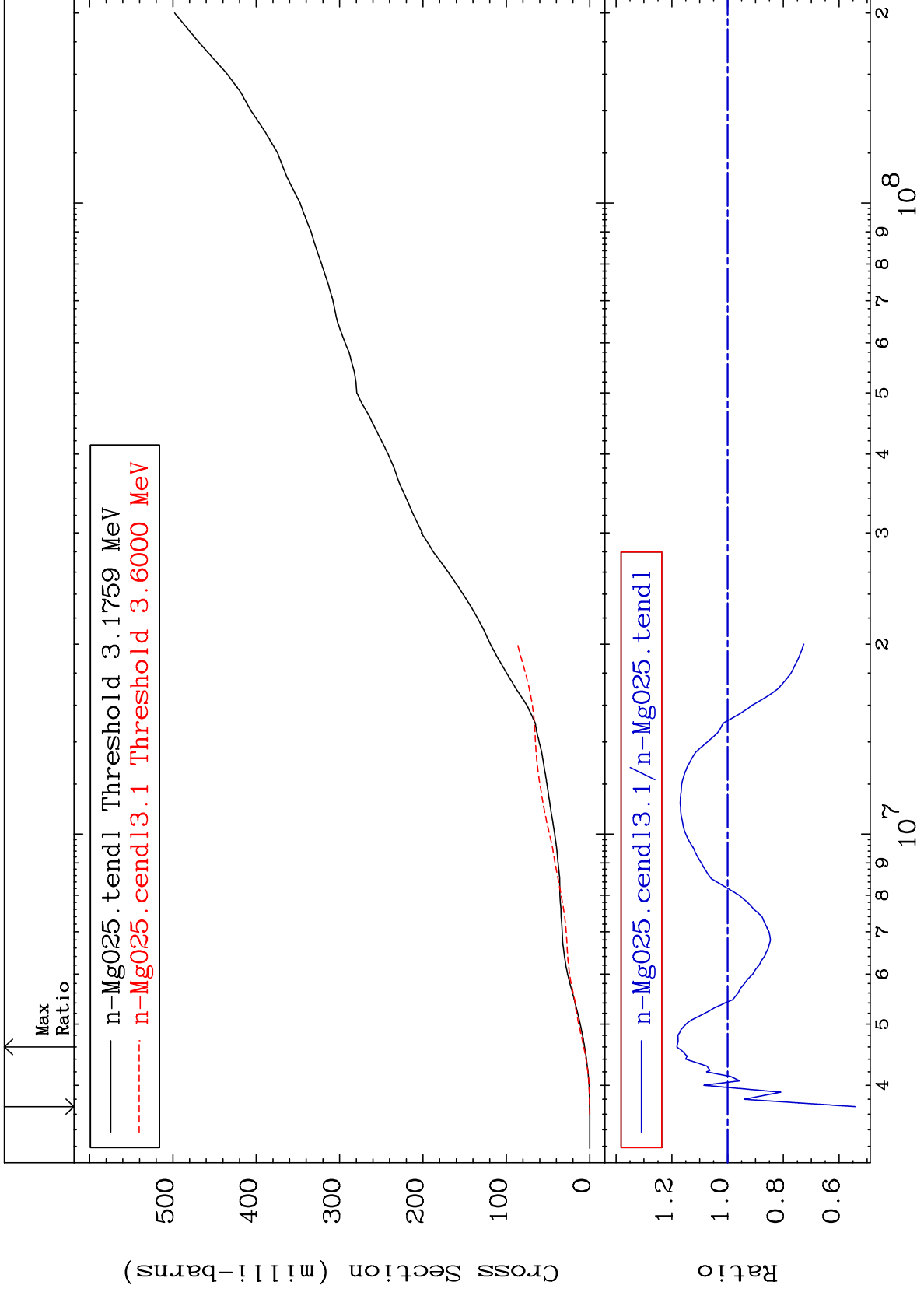




MAT 1228

Hydrogen Production
Cross Section

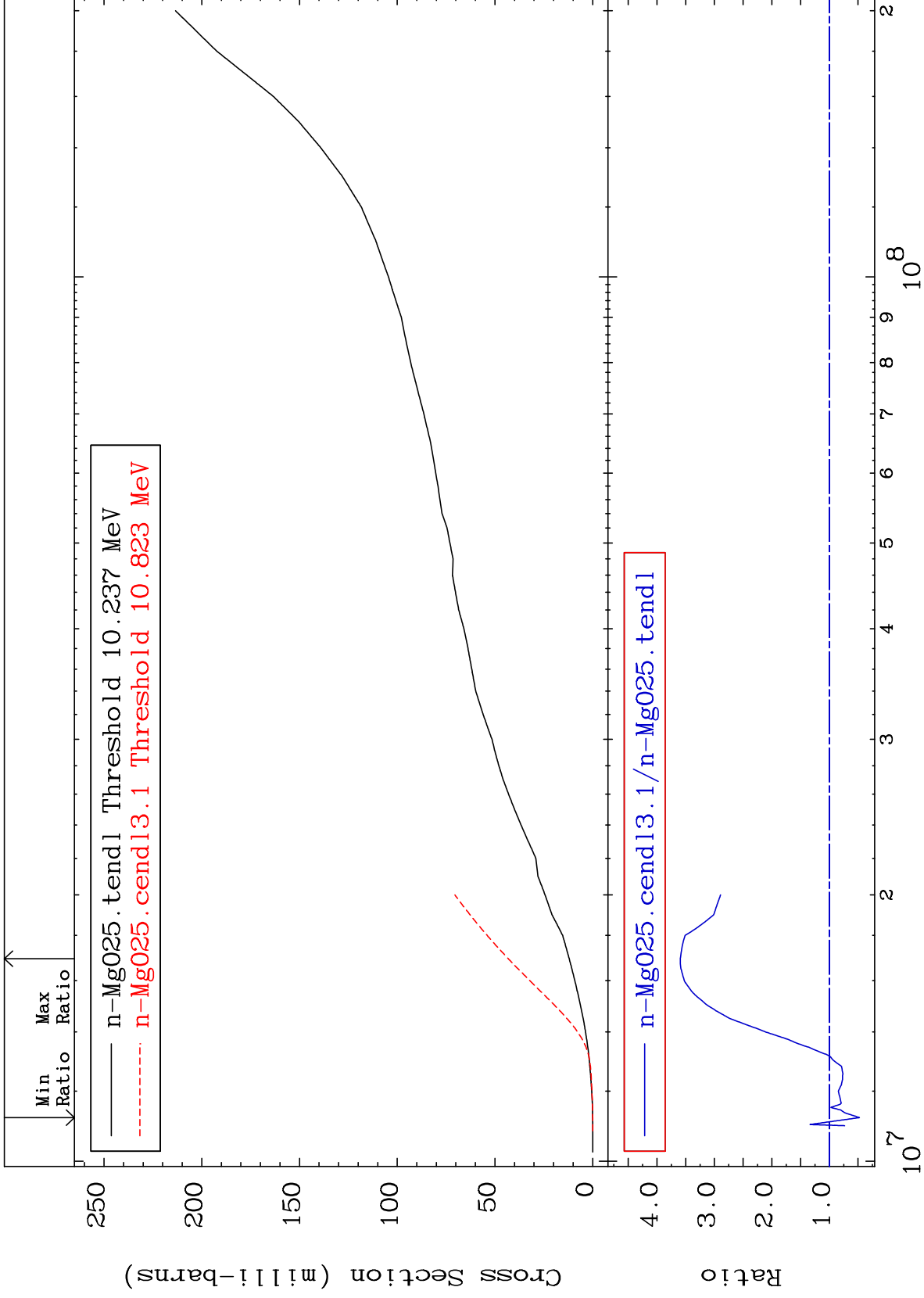
12-Mg-25
-45.71 To 18.18 %



MAT 1228

Deuterium Production
Cross Section

12-Mg-25
-52.40 To 259.2 %



23

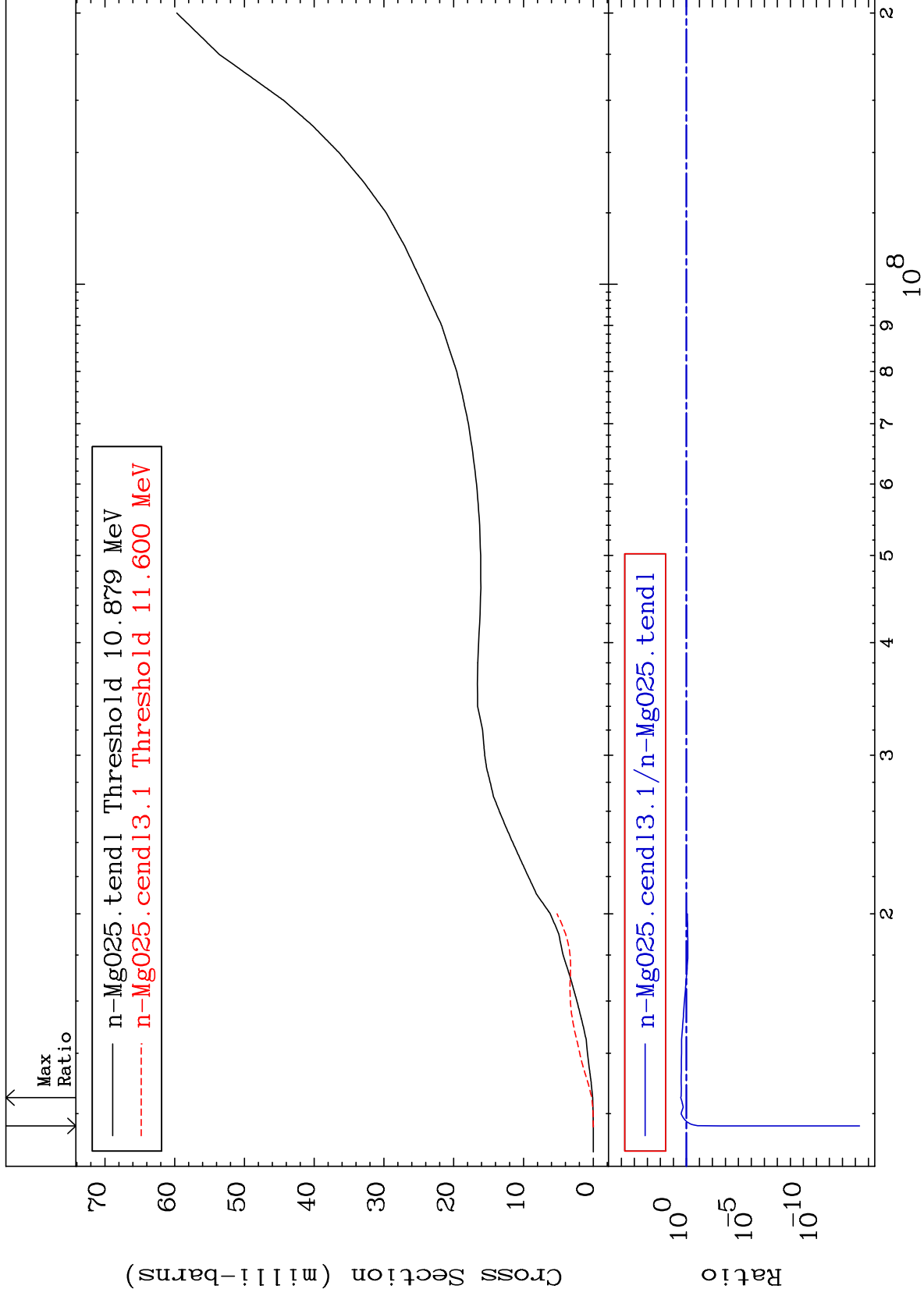
Incident Energy (eV)

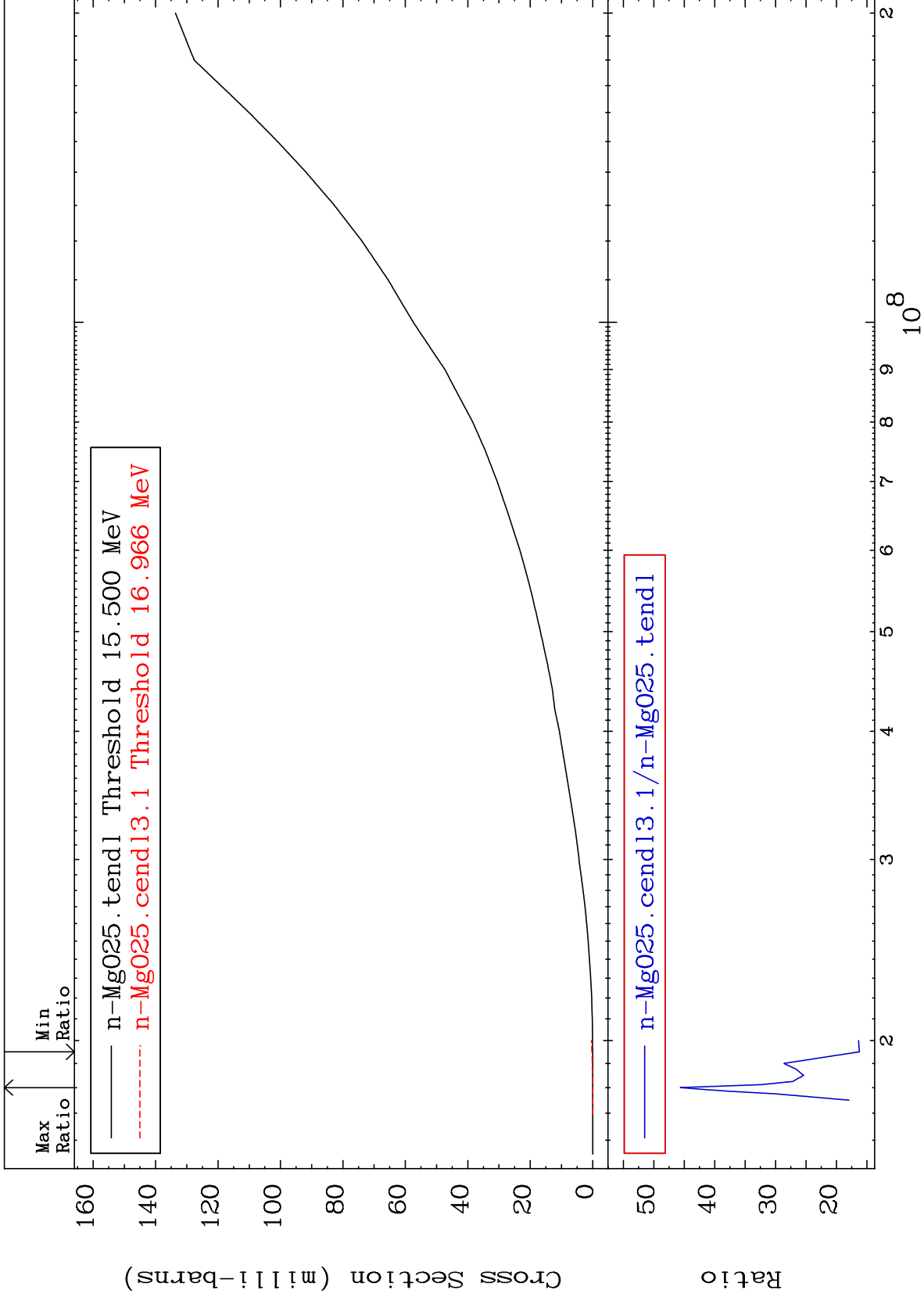
12-Mg-25

MAT 1228

Tritium Production
Cross Section

12-Mg-25
-100.0 To 169.7 %

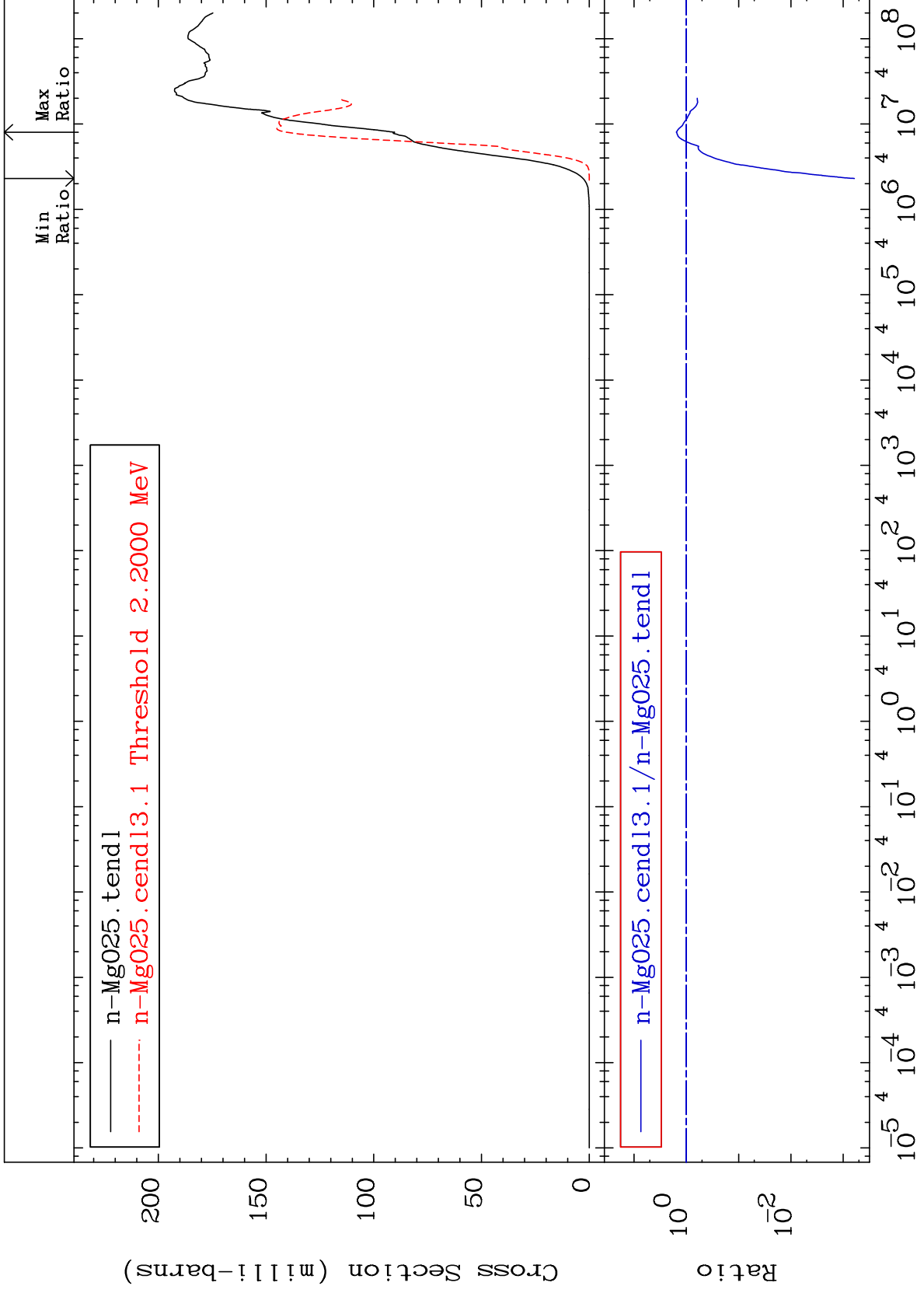




MAT 1228

He-4 Production
Cross Section

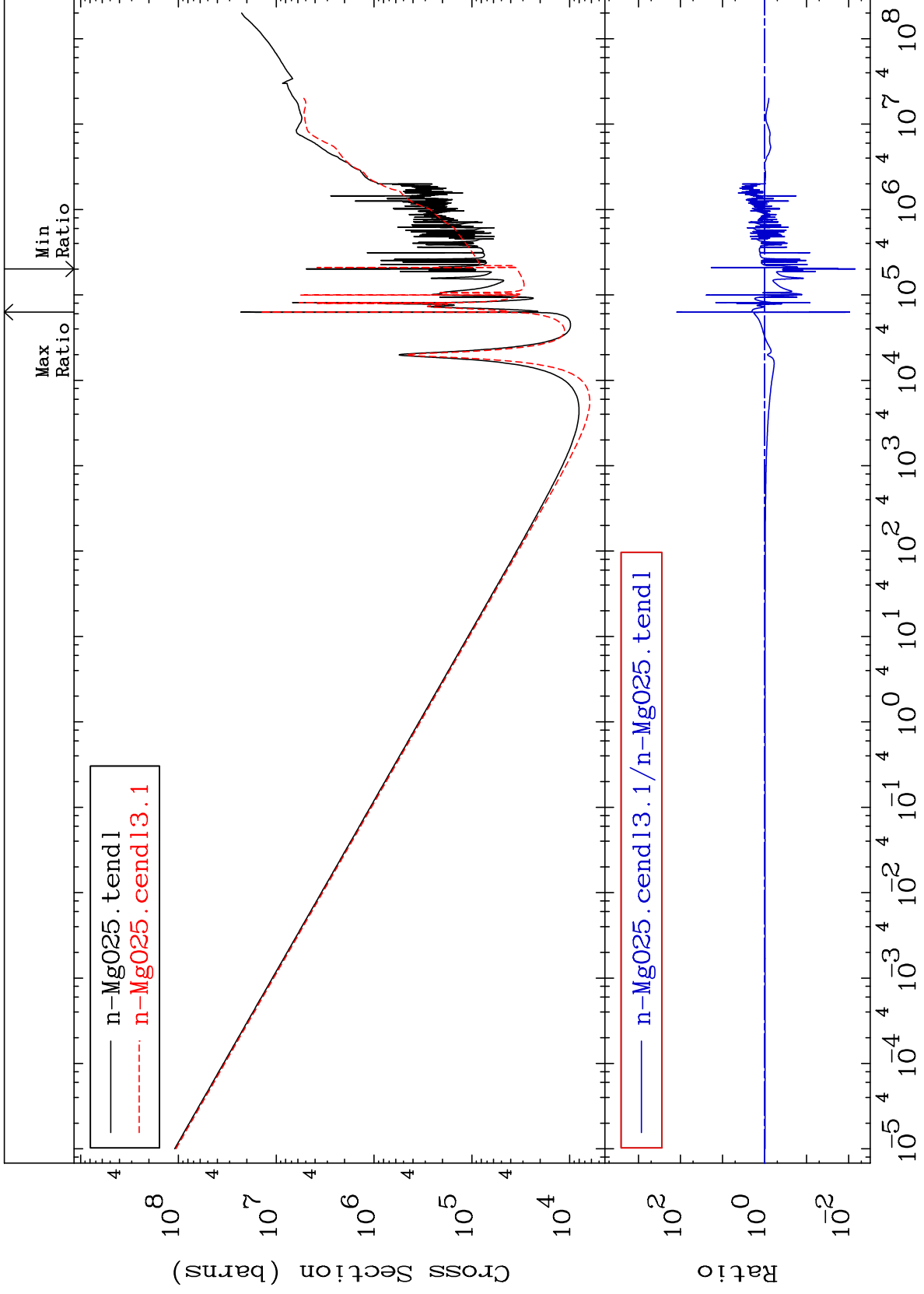
12-Mg-25
-99.94 To 55.40 %



26

Incident Energy (eV)

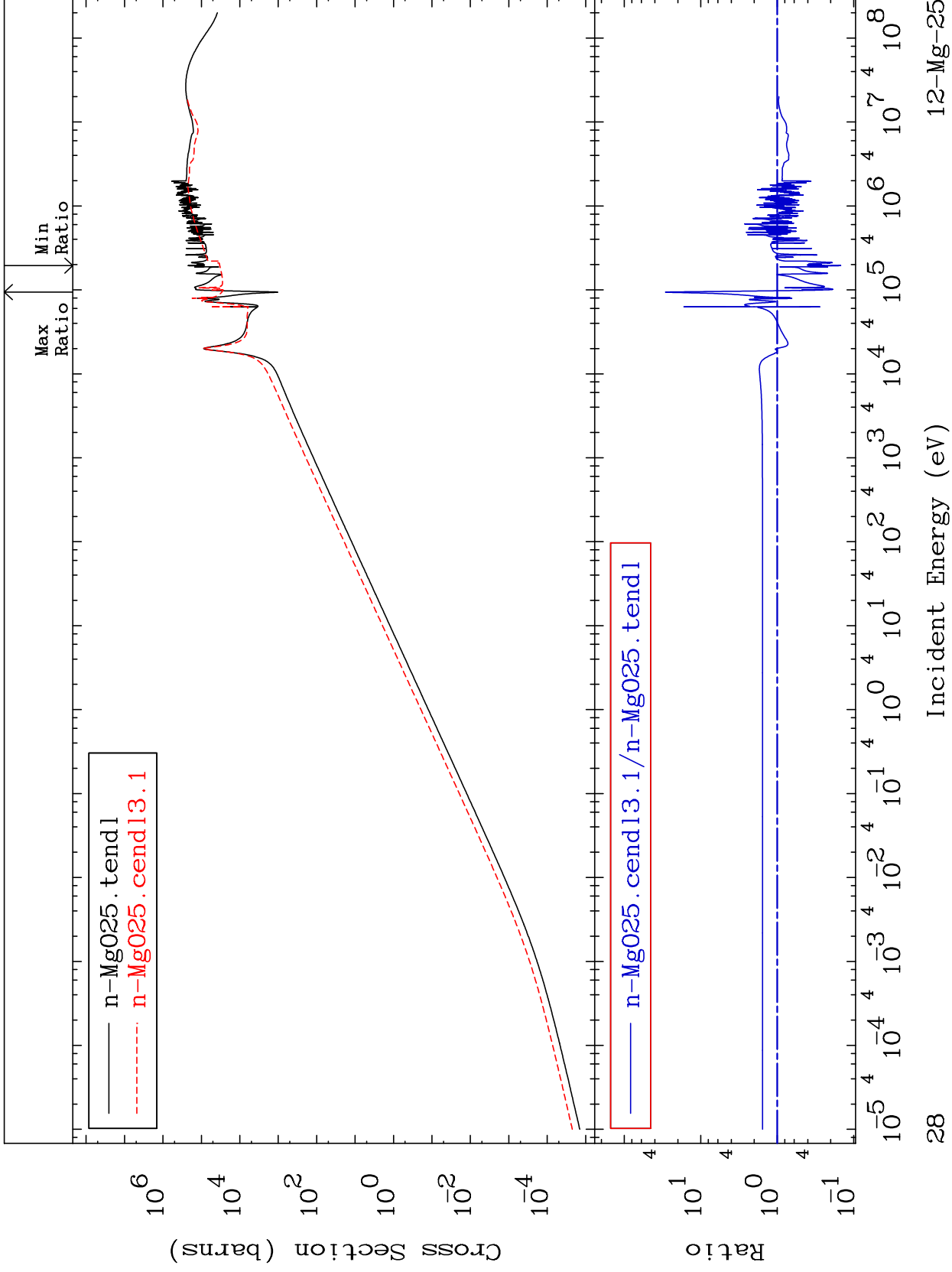
12-Mg-25

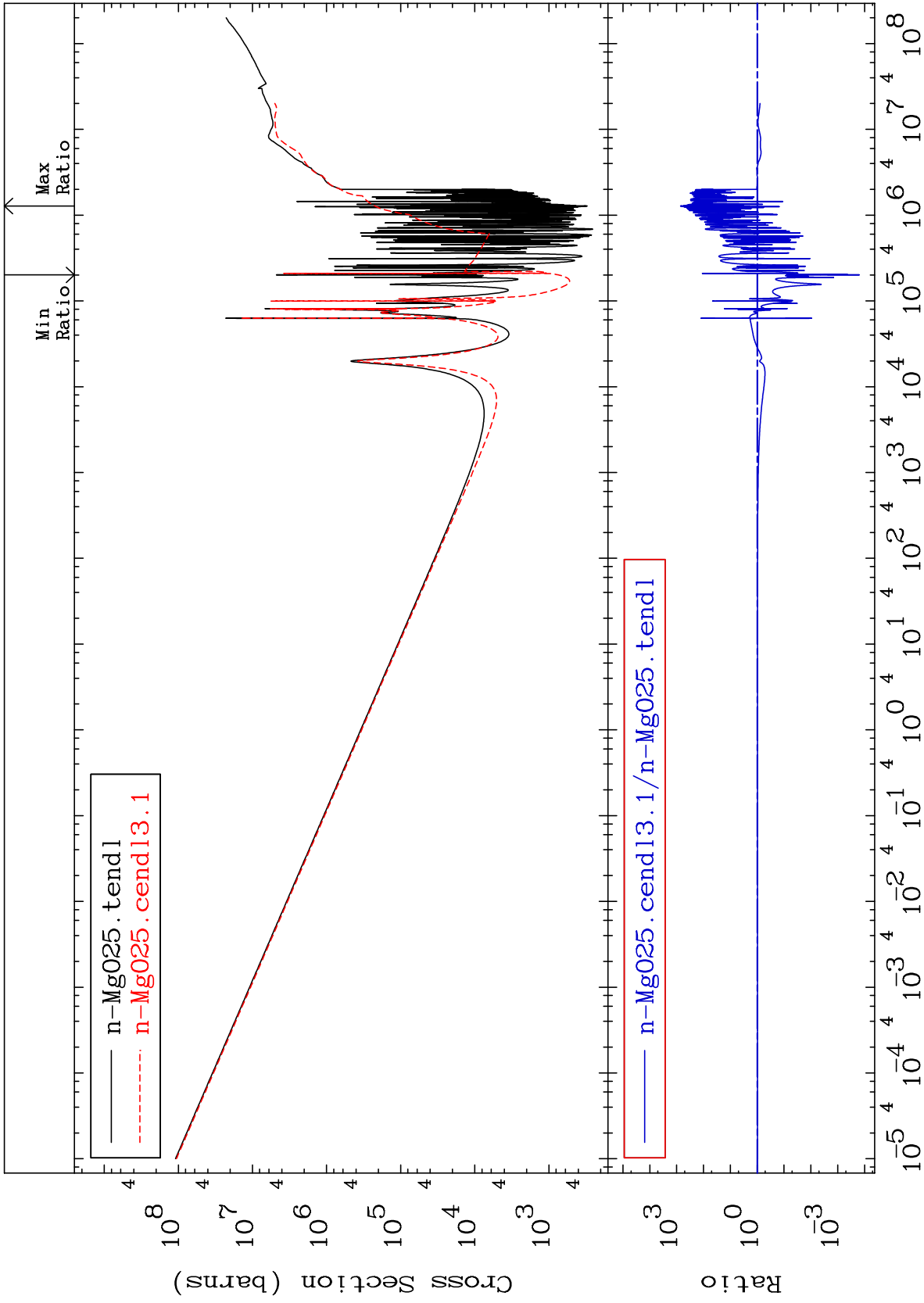


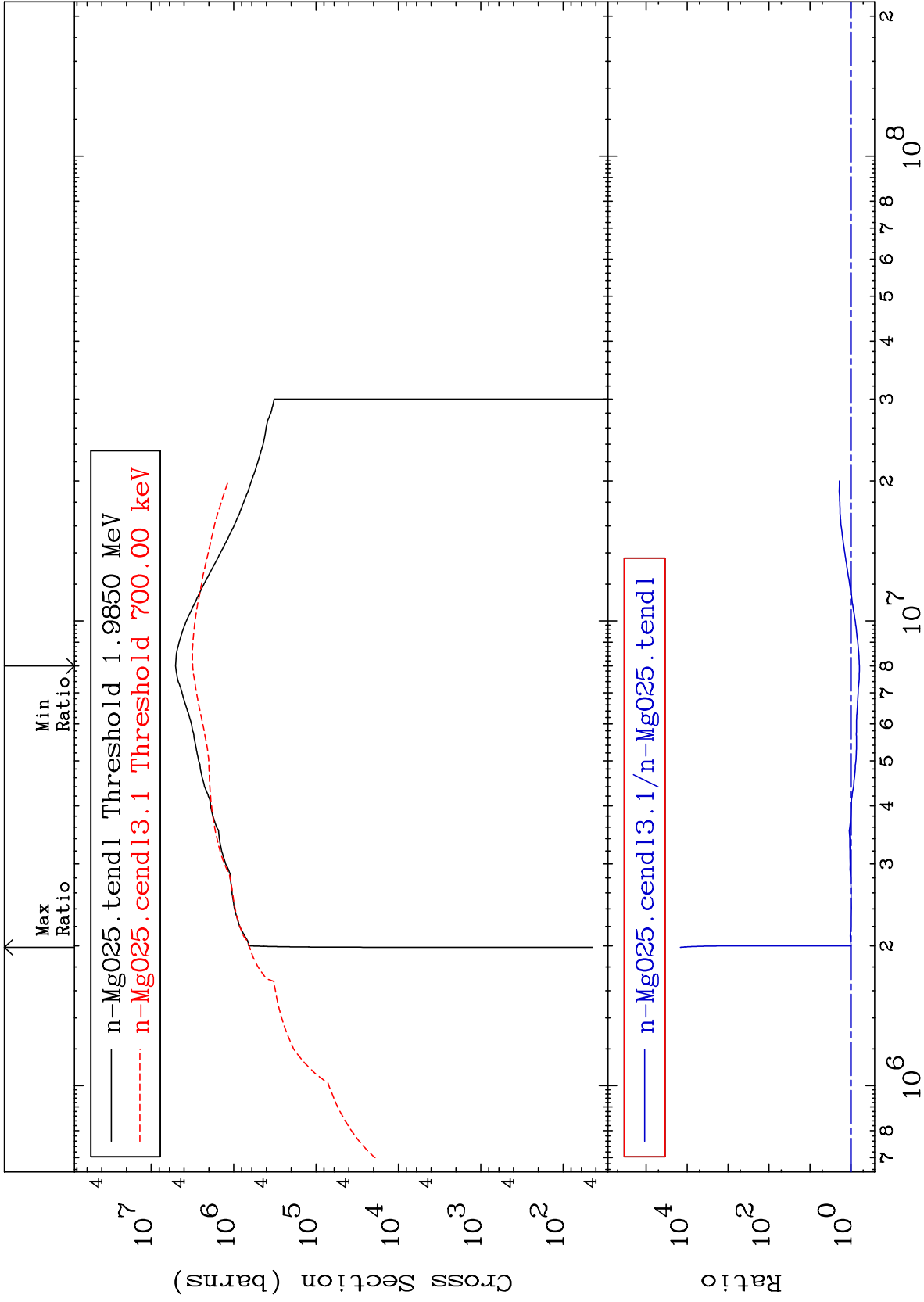
MAT 1228

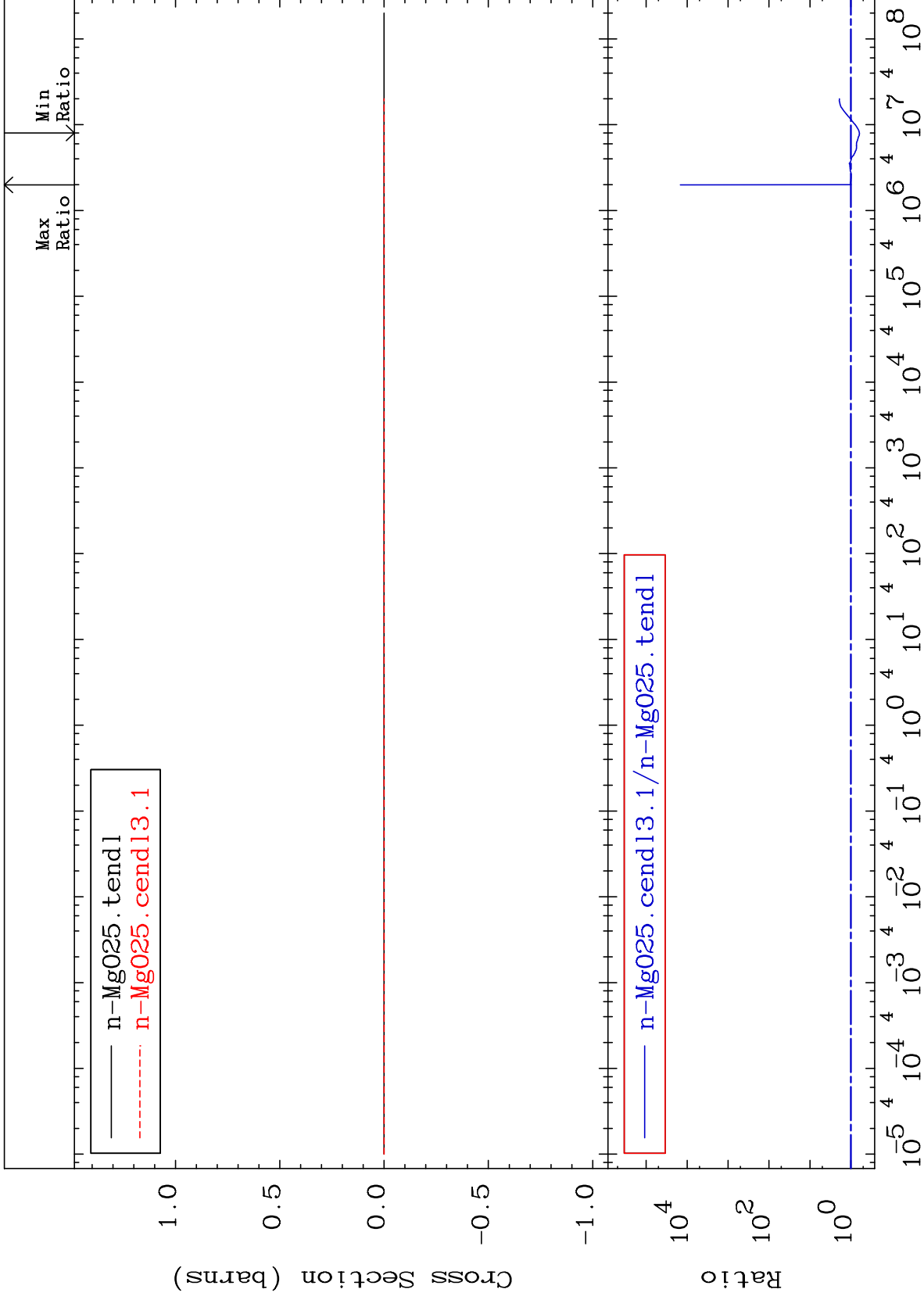
Kerma elastic
Cross Section

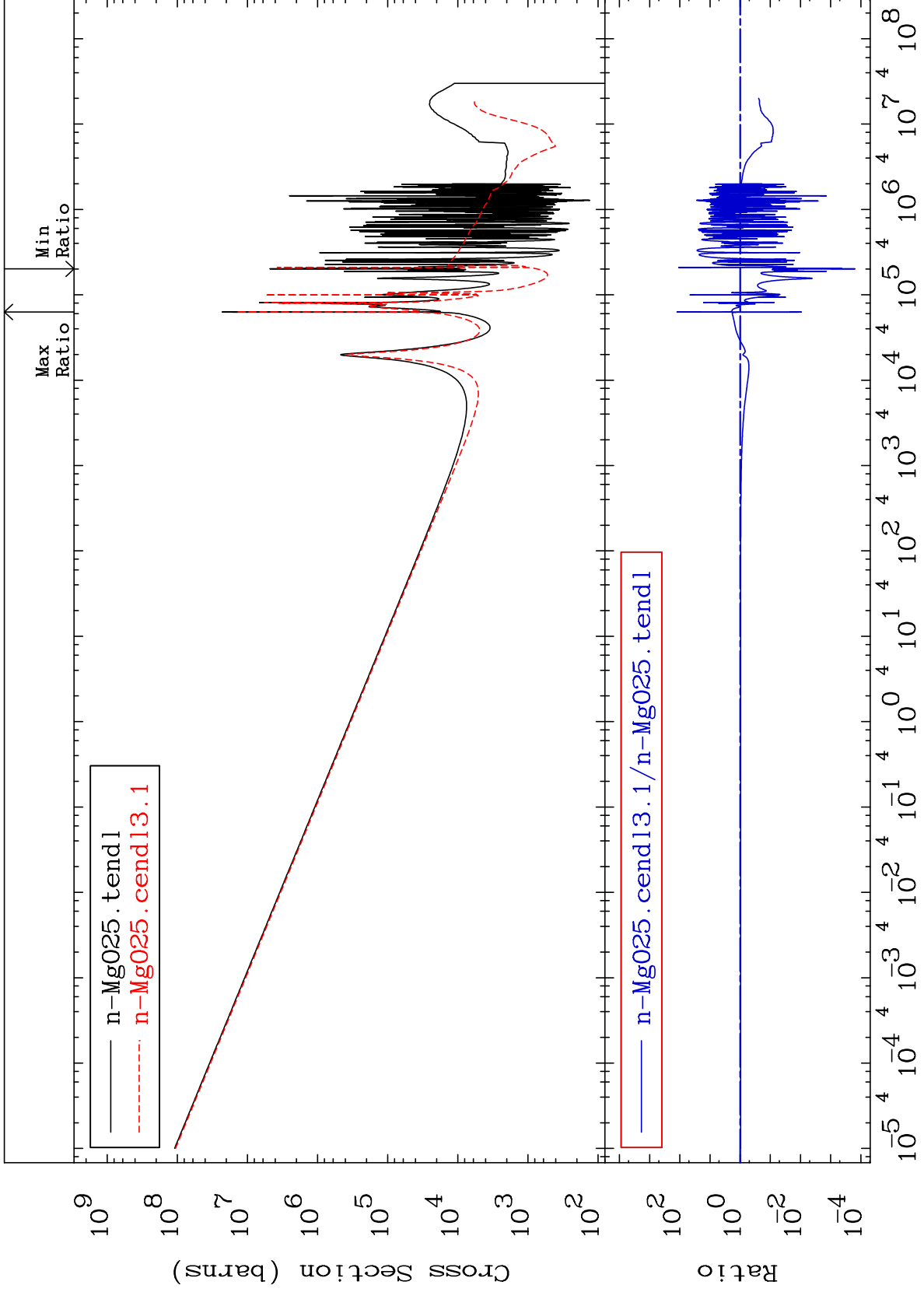
12-Mg-25
-85.16 To 2796. %

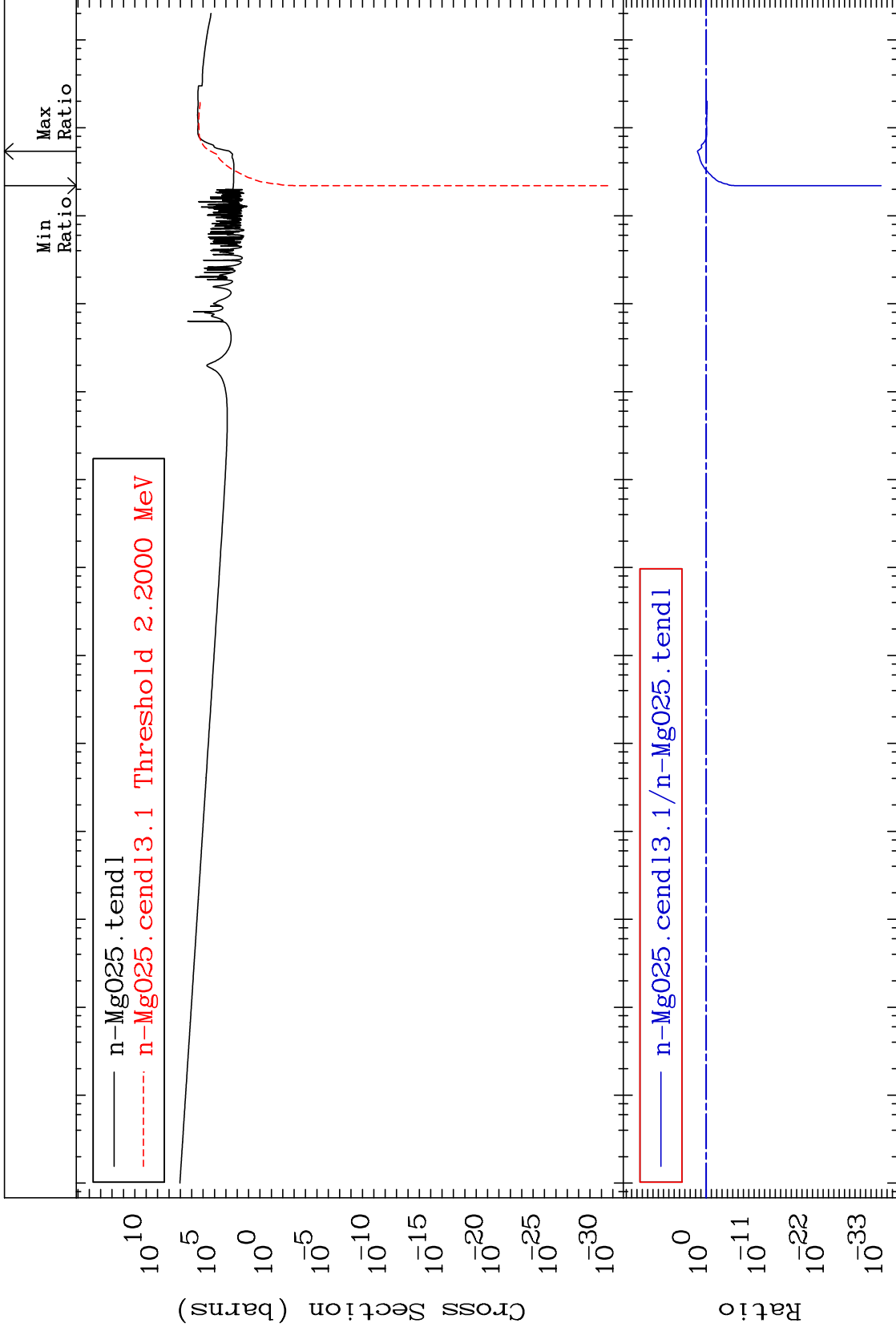








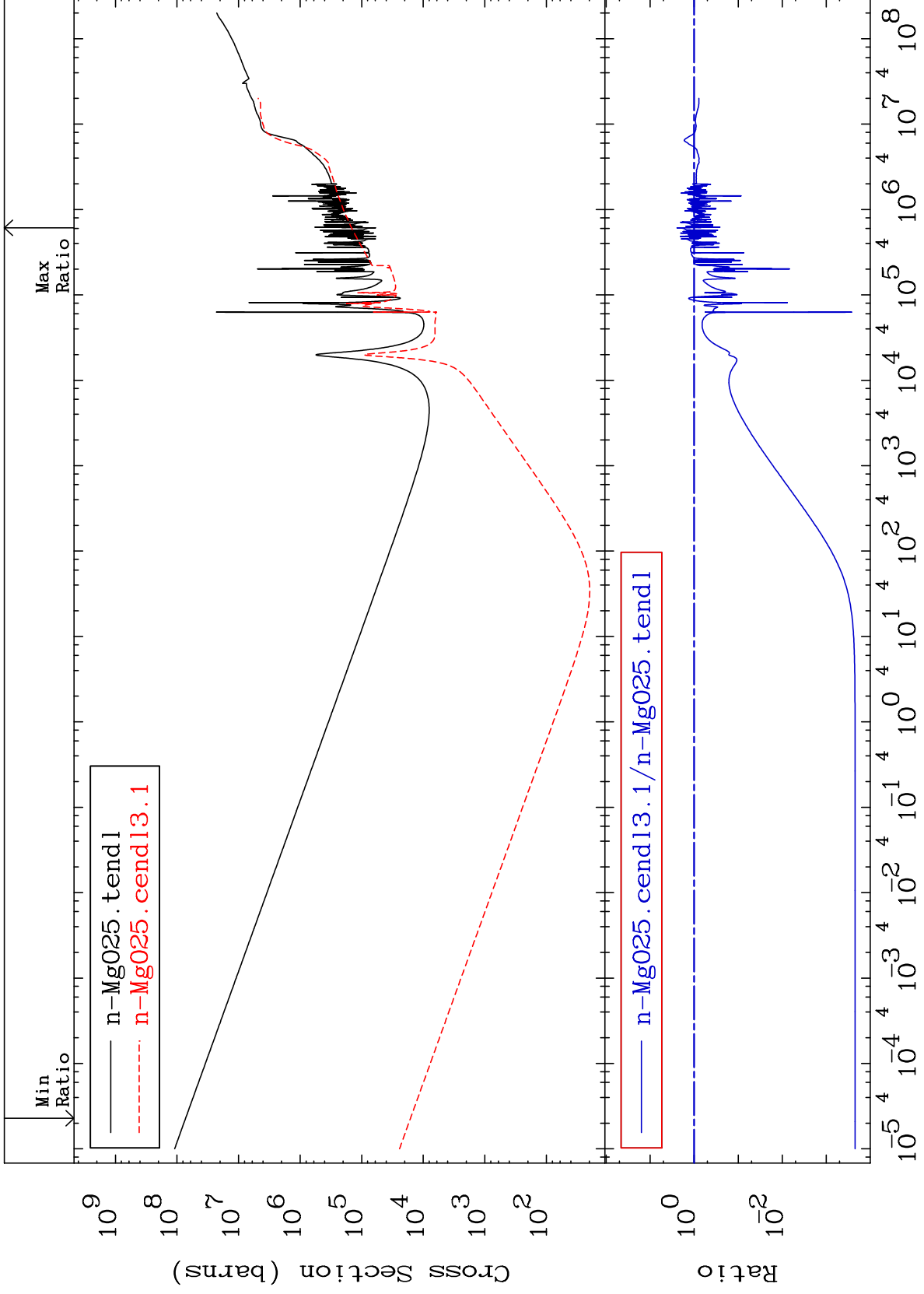




MAT 1228

Total kinematic kerma (high limit)
Cross Section

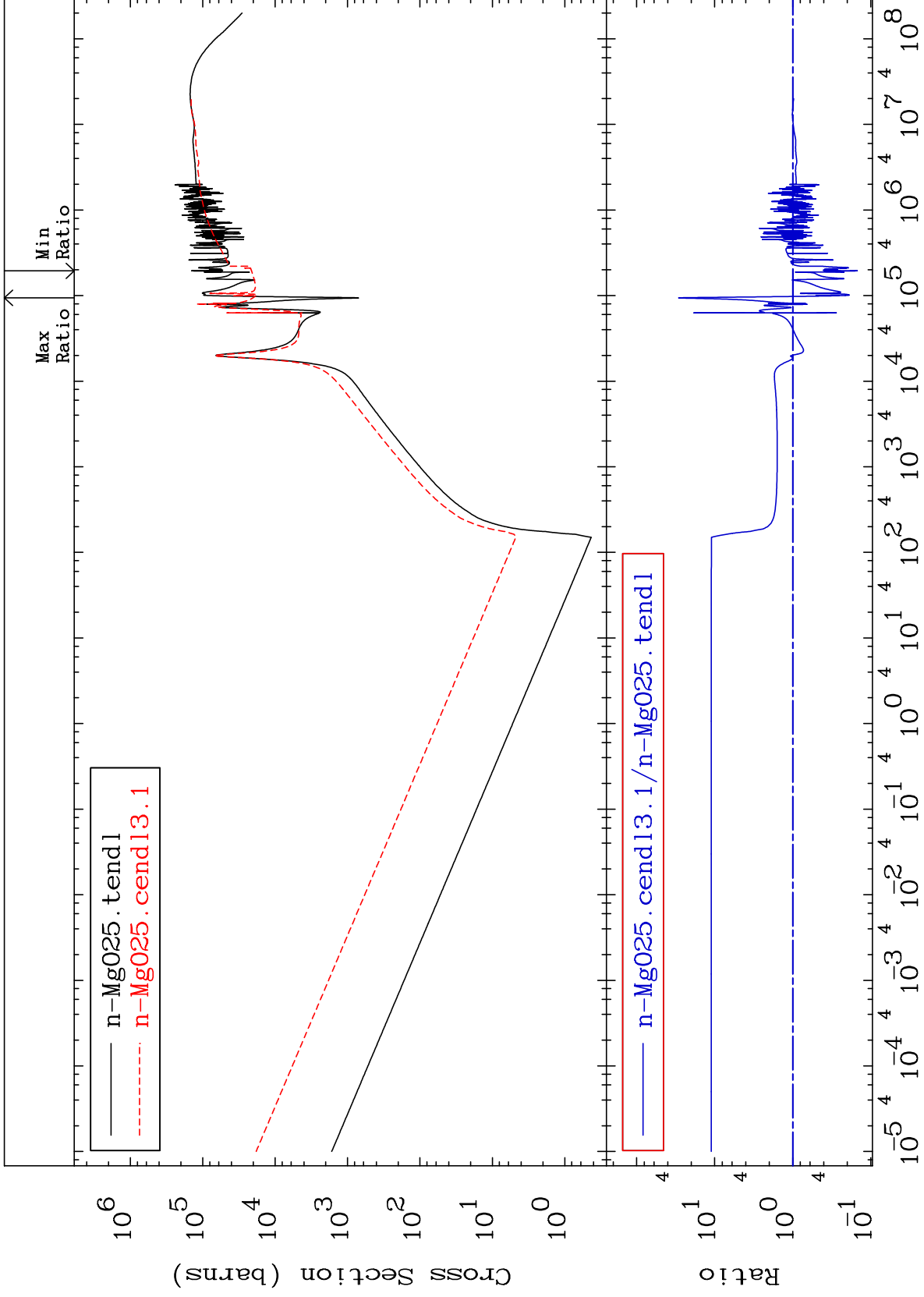
12-Mg-25
-99.98 To 146.3 %



MAT 1228

Dpa total (eV-barns)
Cross Section

12-Mg-25
-85.13 To 2797. %



35

Incident Energy (eV)

12-Mg-25

