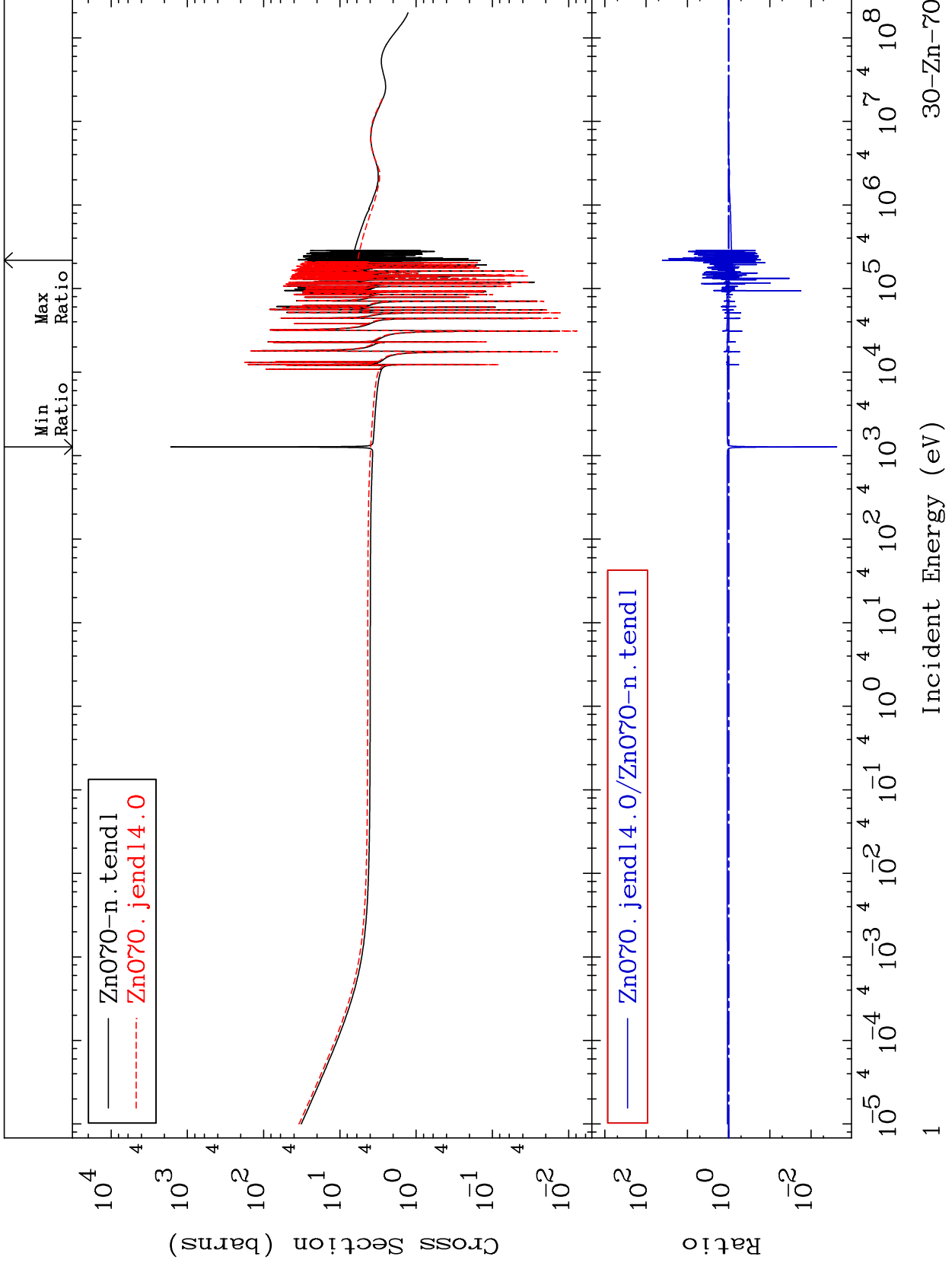


MAT 3043

Total
Cross Section

30-Zn-70
-99.76 To 3949. %



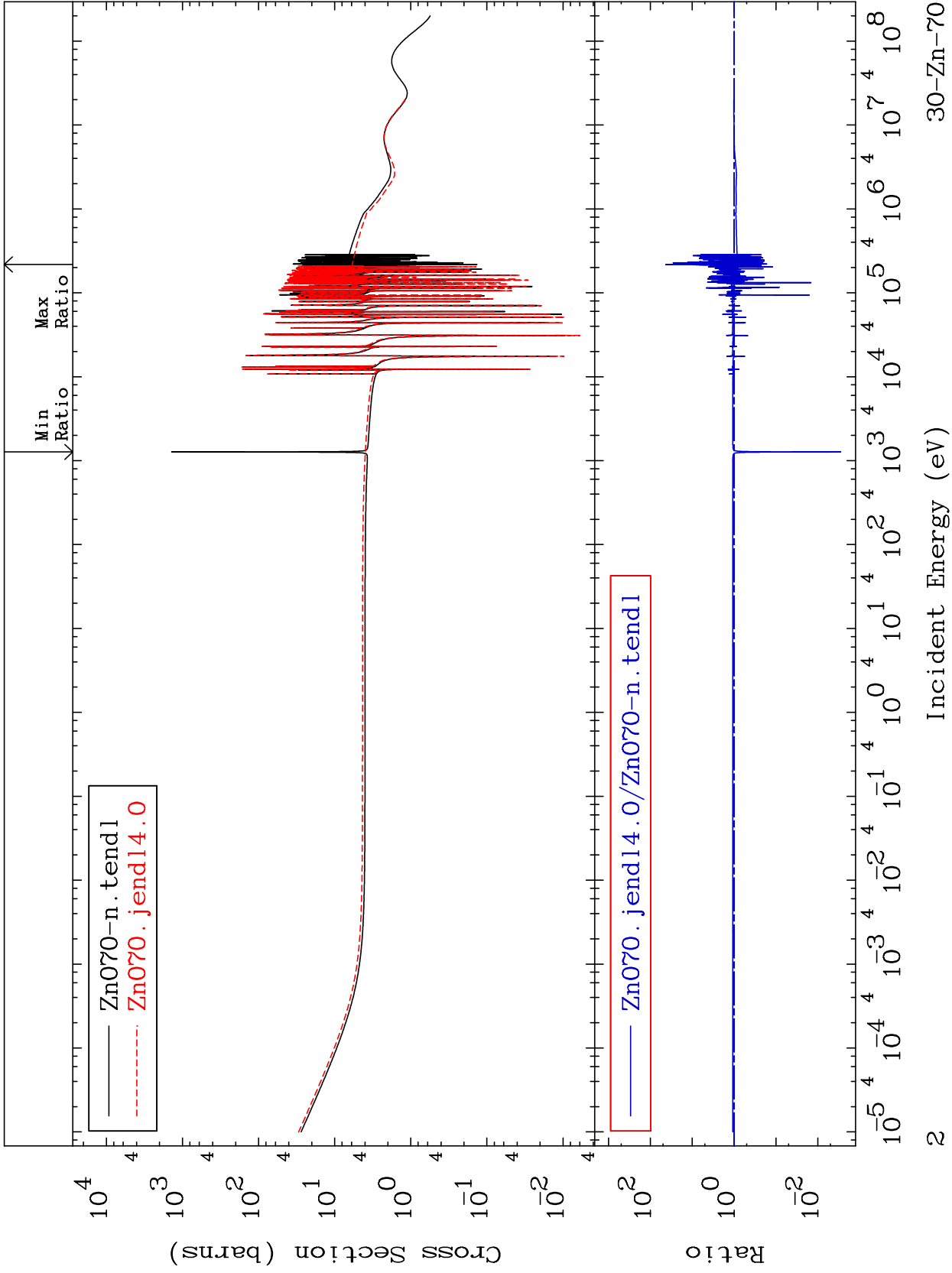
30-Zn-70

Incident Energy (eV)

MAT 3043

Elastic
Cross Section

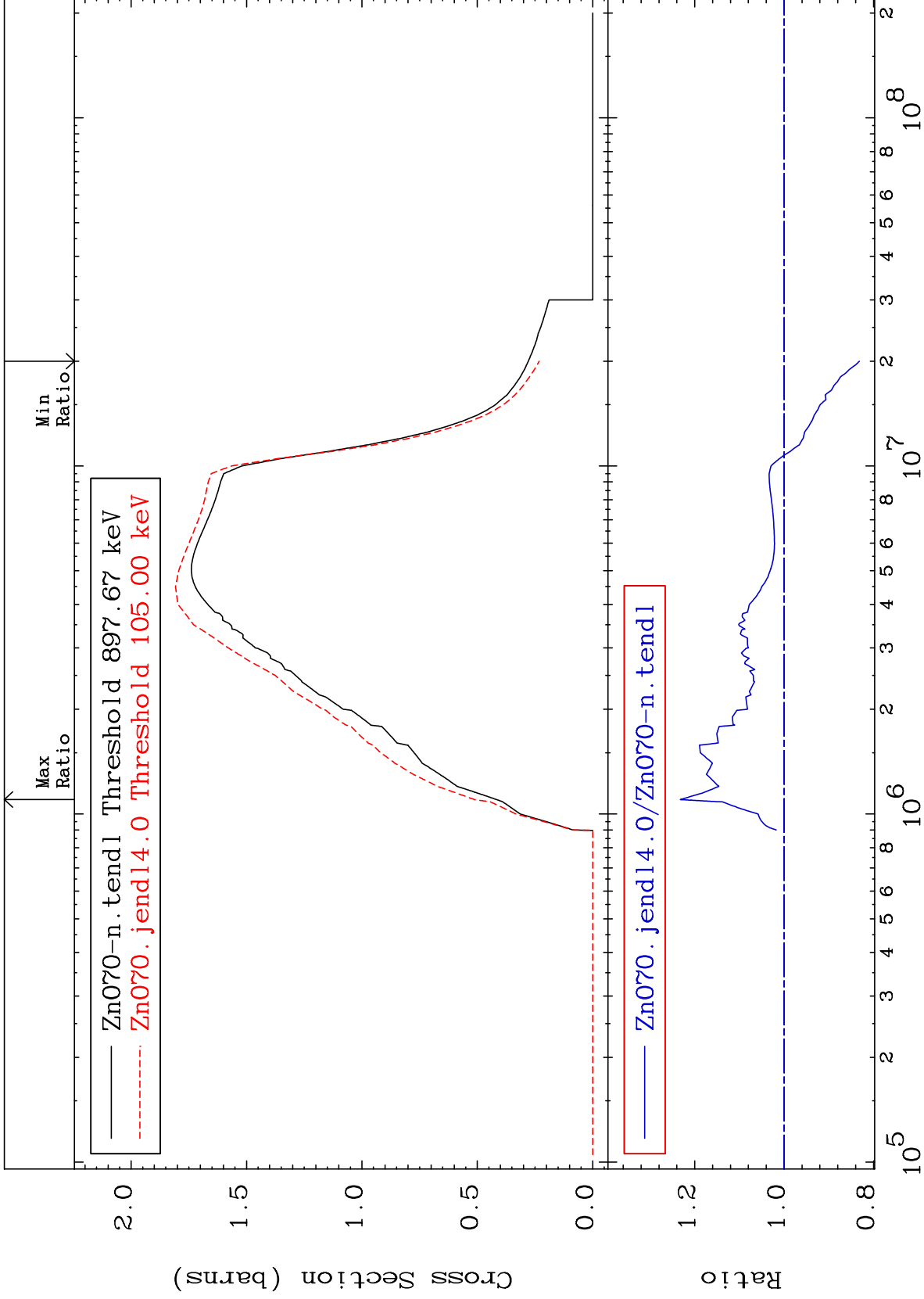
30-Zn-70
-99.72 To 4250. %



MAT 3043

Inelastic
Cross Section

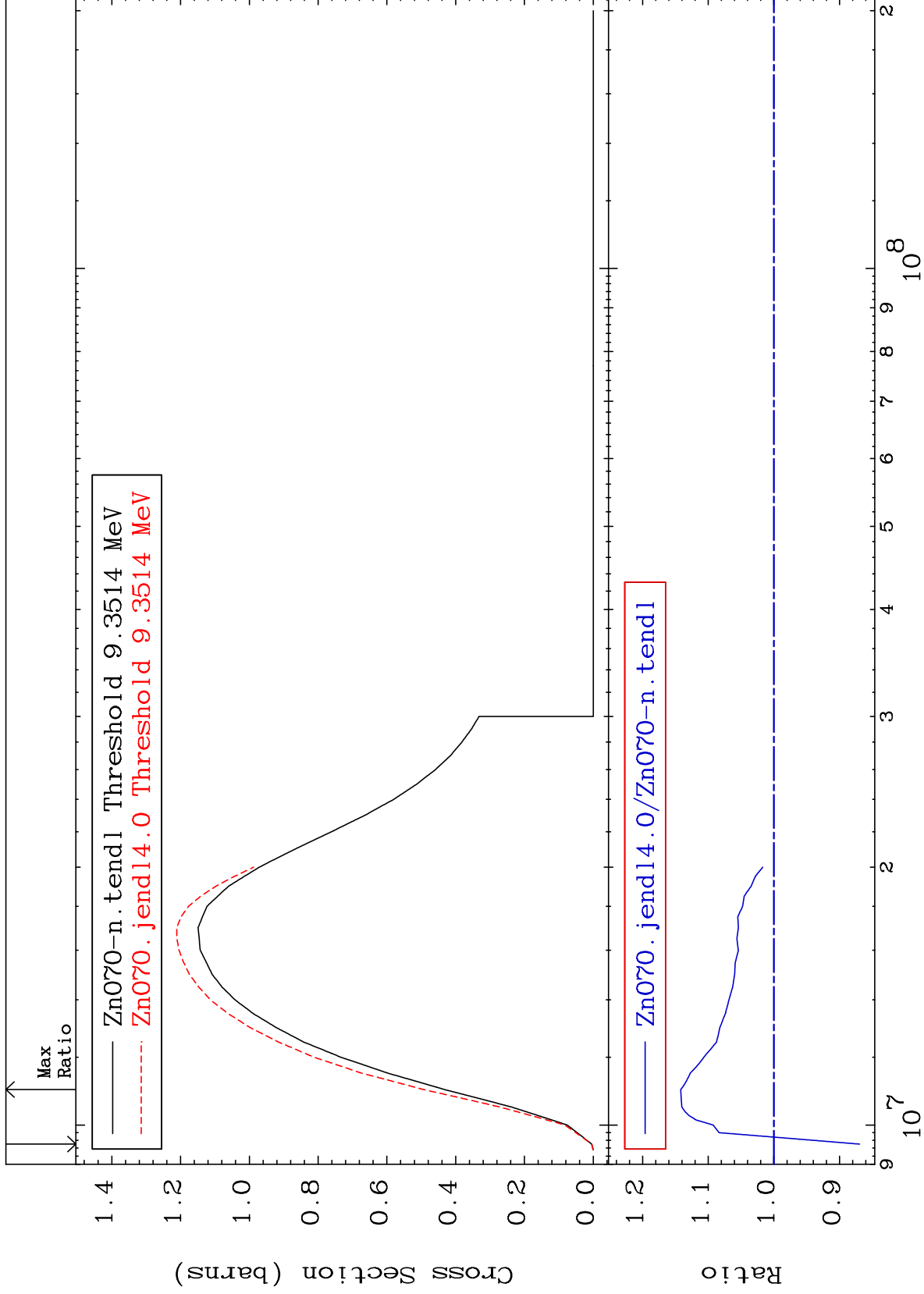
30-Zn-70
-16.84 To 23.22 %



MAT 3043

(n,2n)
Cross Section

30-Zn-70
-13.05 To 14.18 %



30-Zn-70

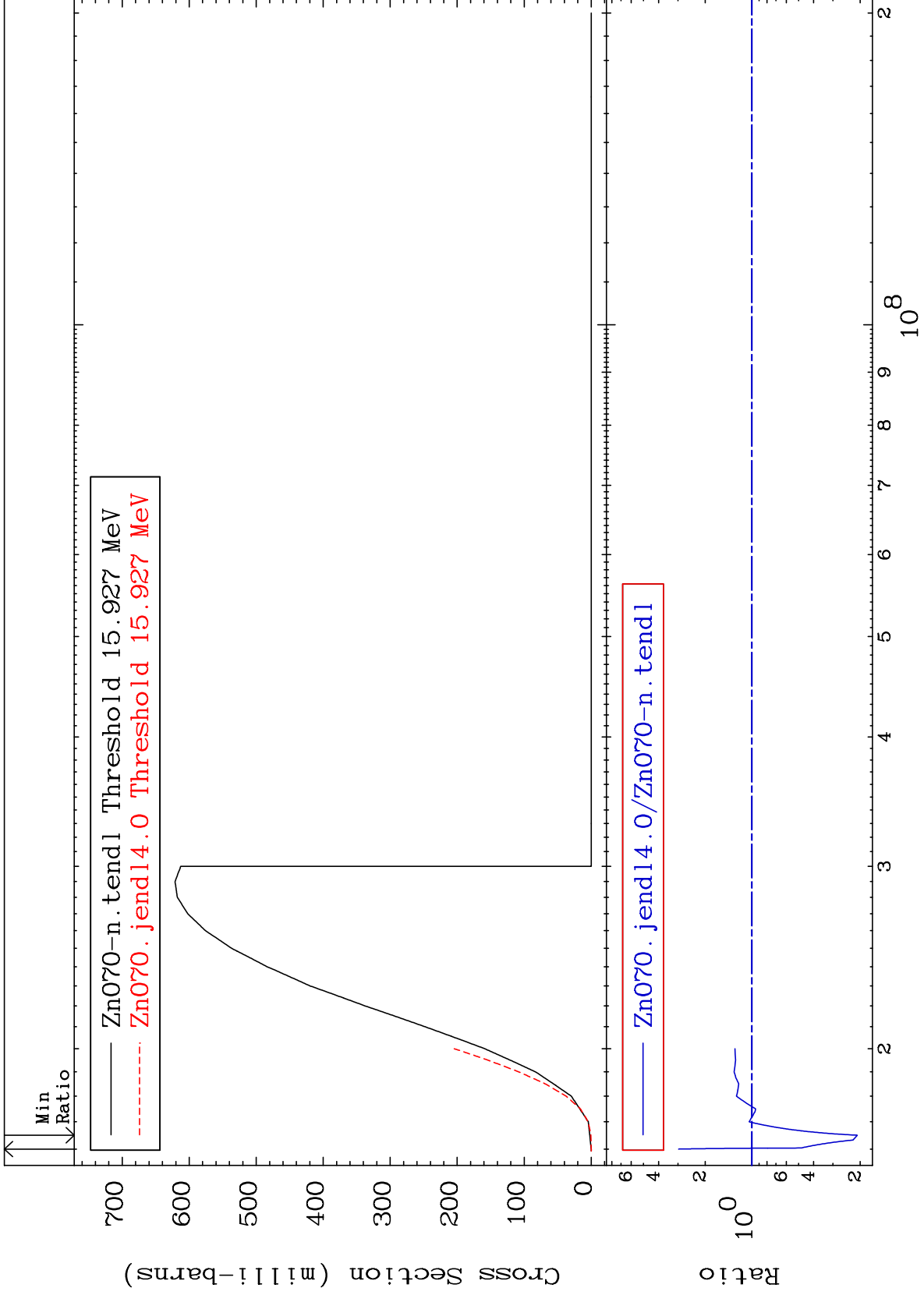
Incident Energy (eV)

4

MAT 3043

(n,3n)
Cross Section

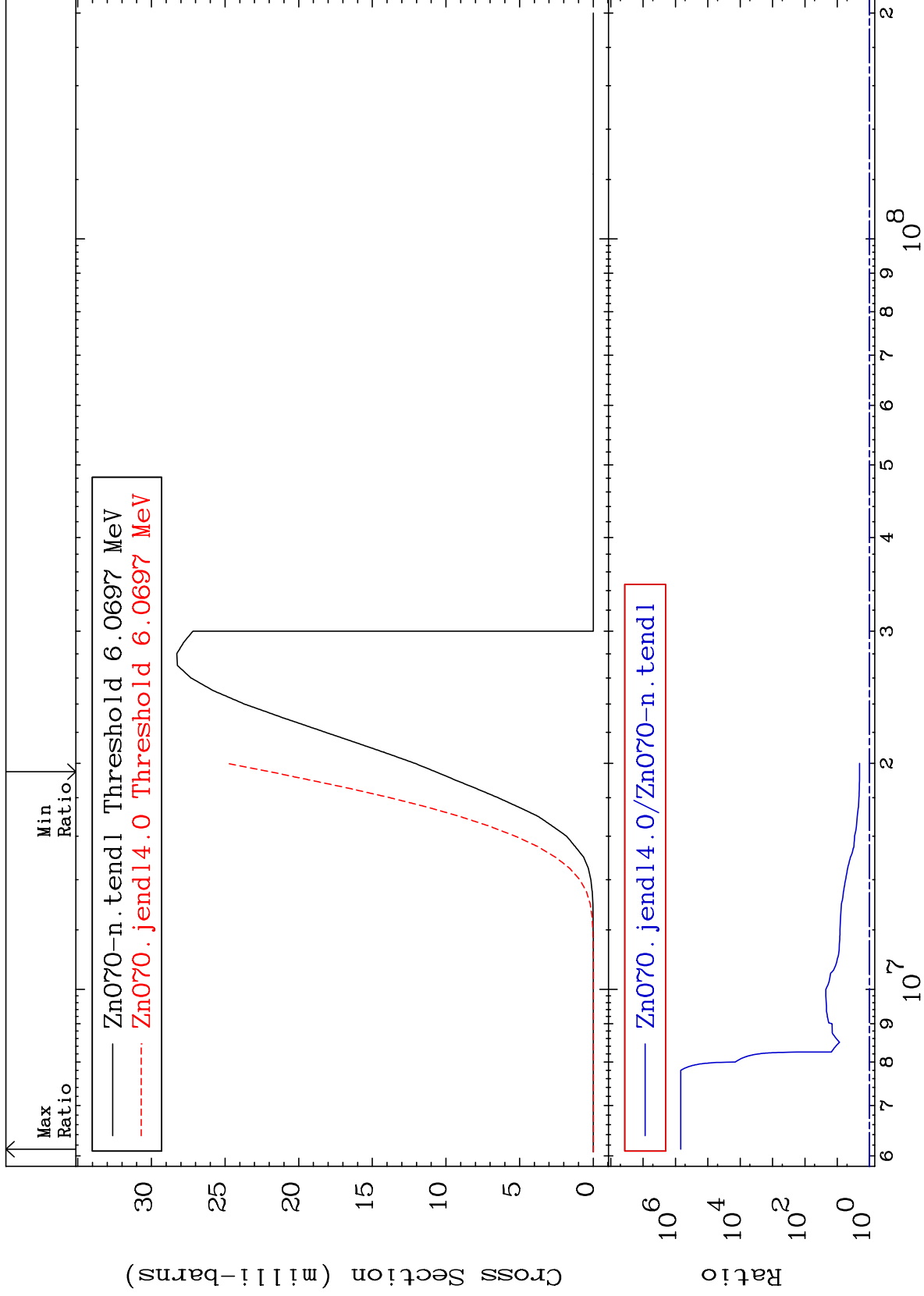
30-Zn-70
-79.09 To 196.9 %



MAT 3043

(n, n') α
Cross Section

30-Zn-70
To 9999. %
105.0



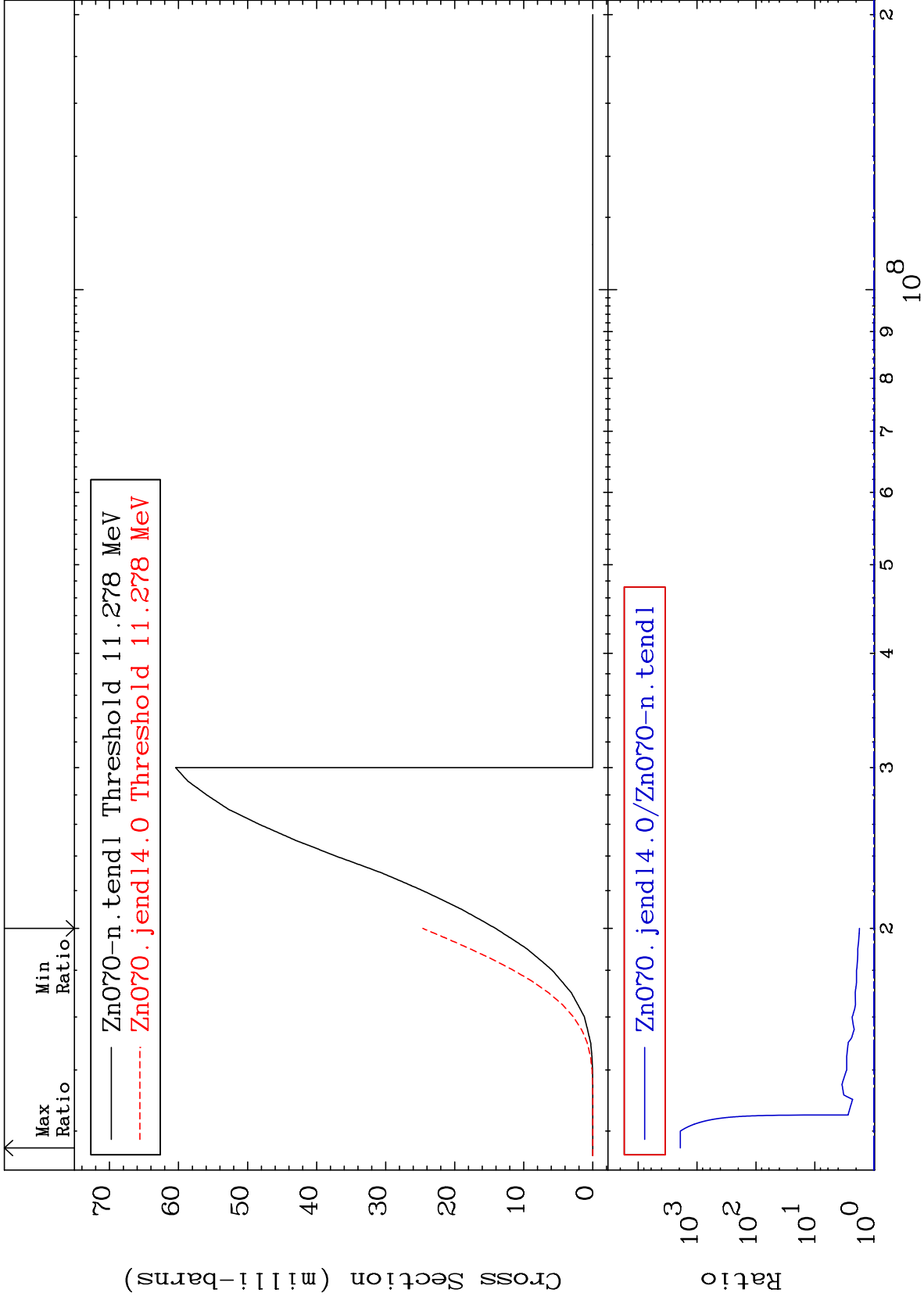
6

30-Zn-70

MAT 3043

(n,n') p
Cross Section

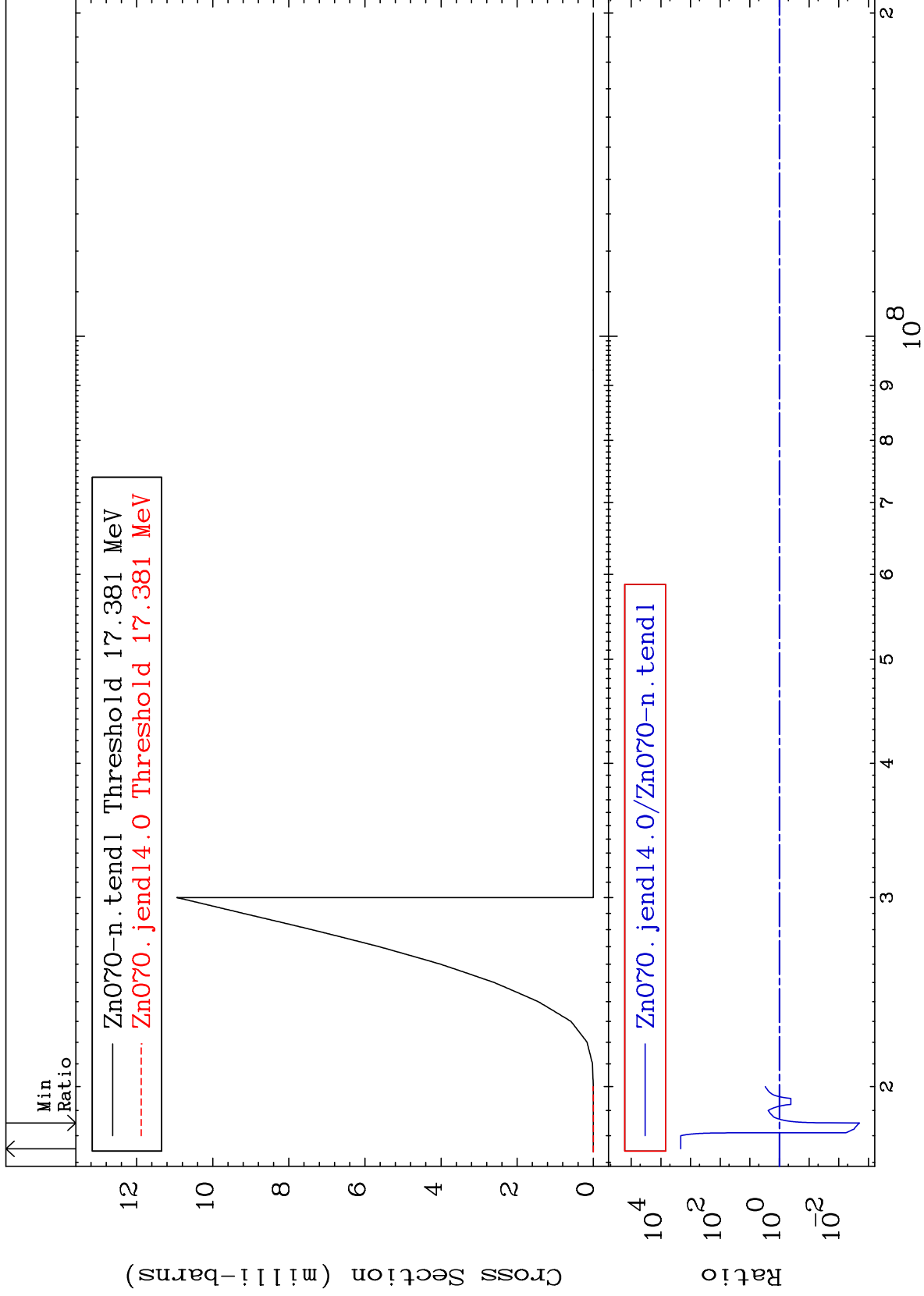
30-Zn-70
74.87 To 9999. %



MAT 3043

(n,n') d
Cross Section

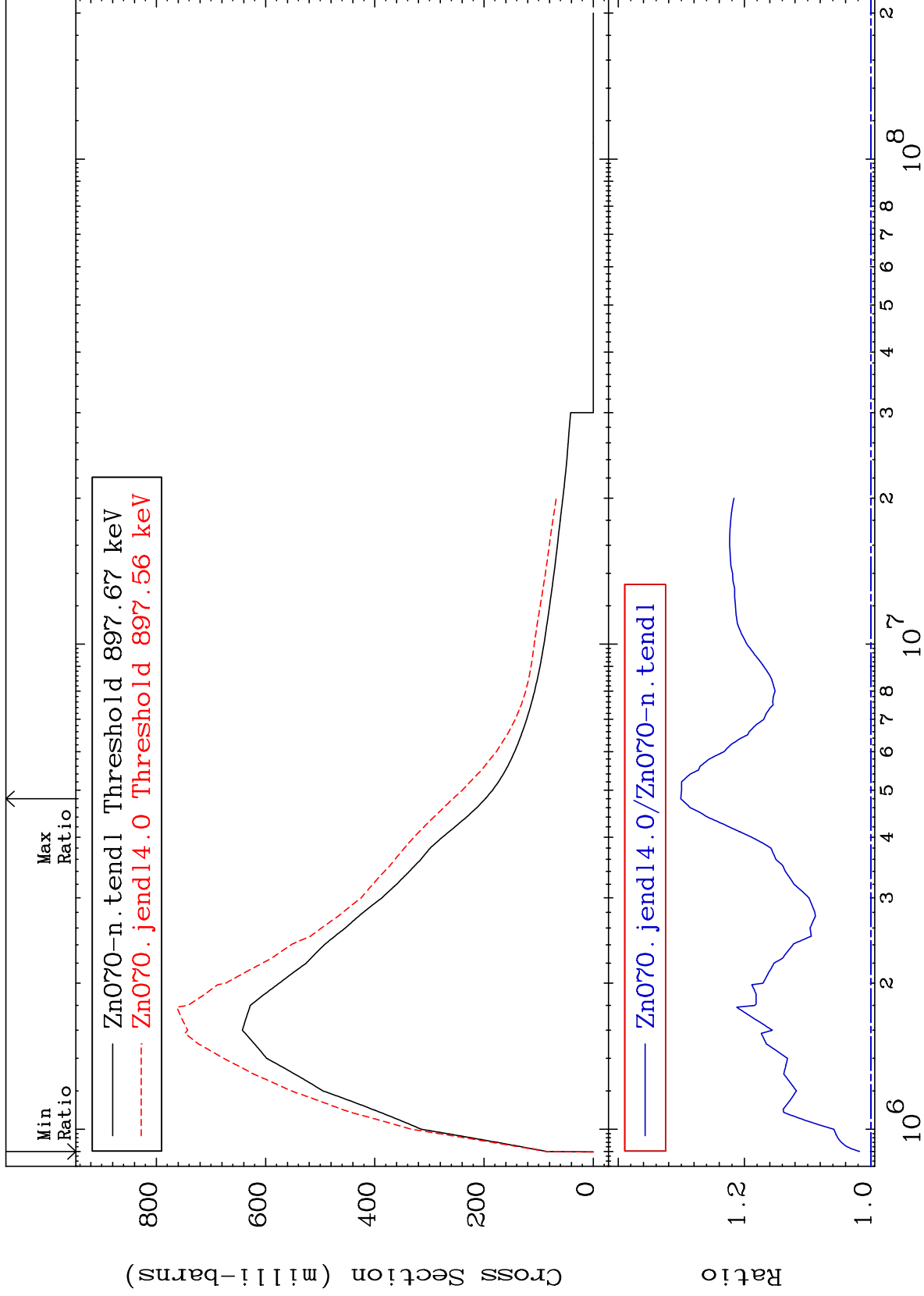
30-Zn-70
-99.80 To 9999. %



MAT 3043

884.9 keV (n,n') Level
Cross Section

30-Zn-70
1.776 To 30.09 %



30-Zn-70

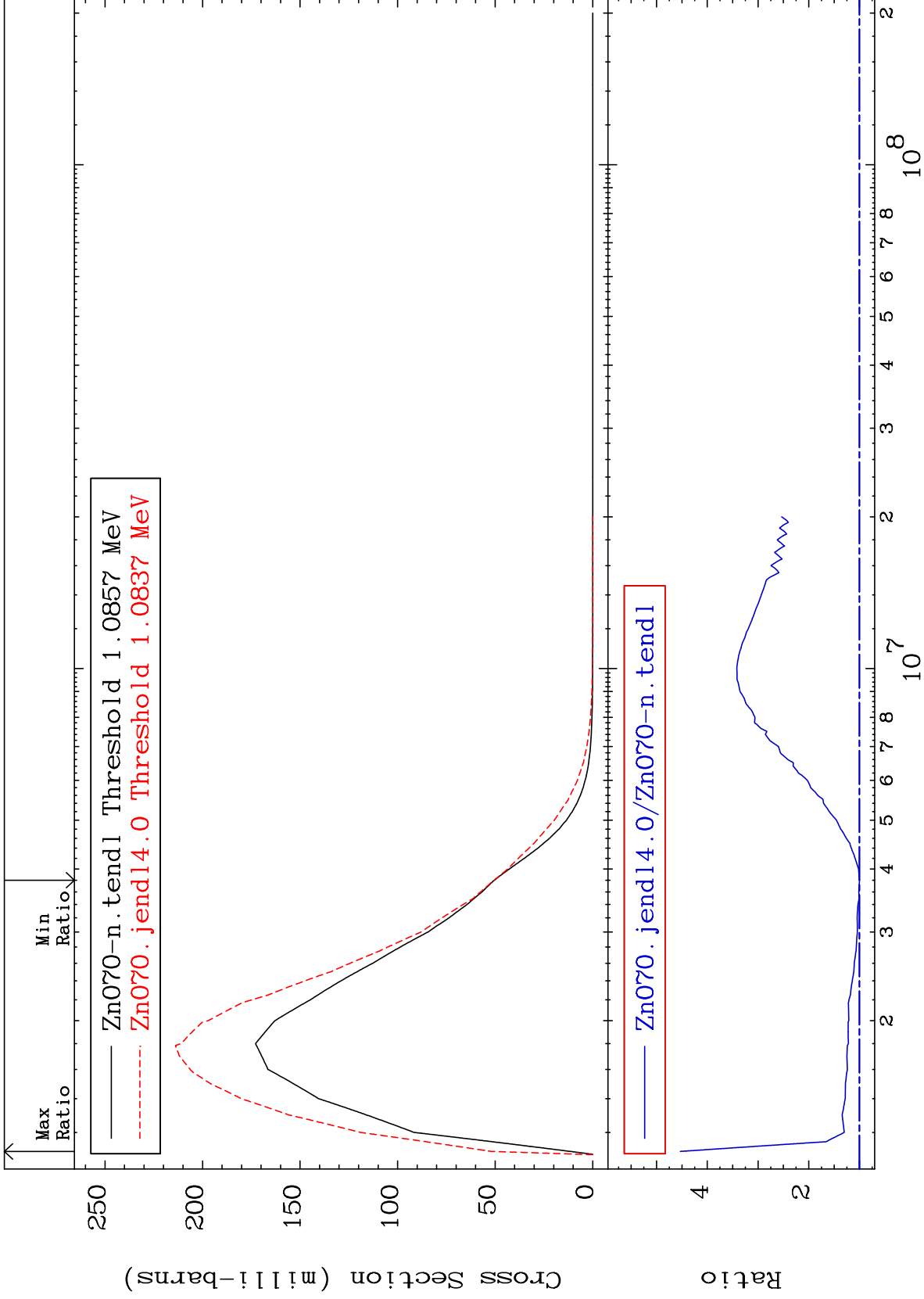
Incident Energy (eV)

9

MAT 3043

1.070 MeV (n,n') Level
Cross Section

0.168 To 353.1 %
30-Zn-70



10

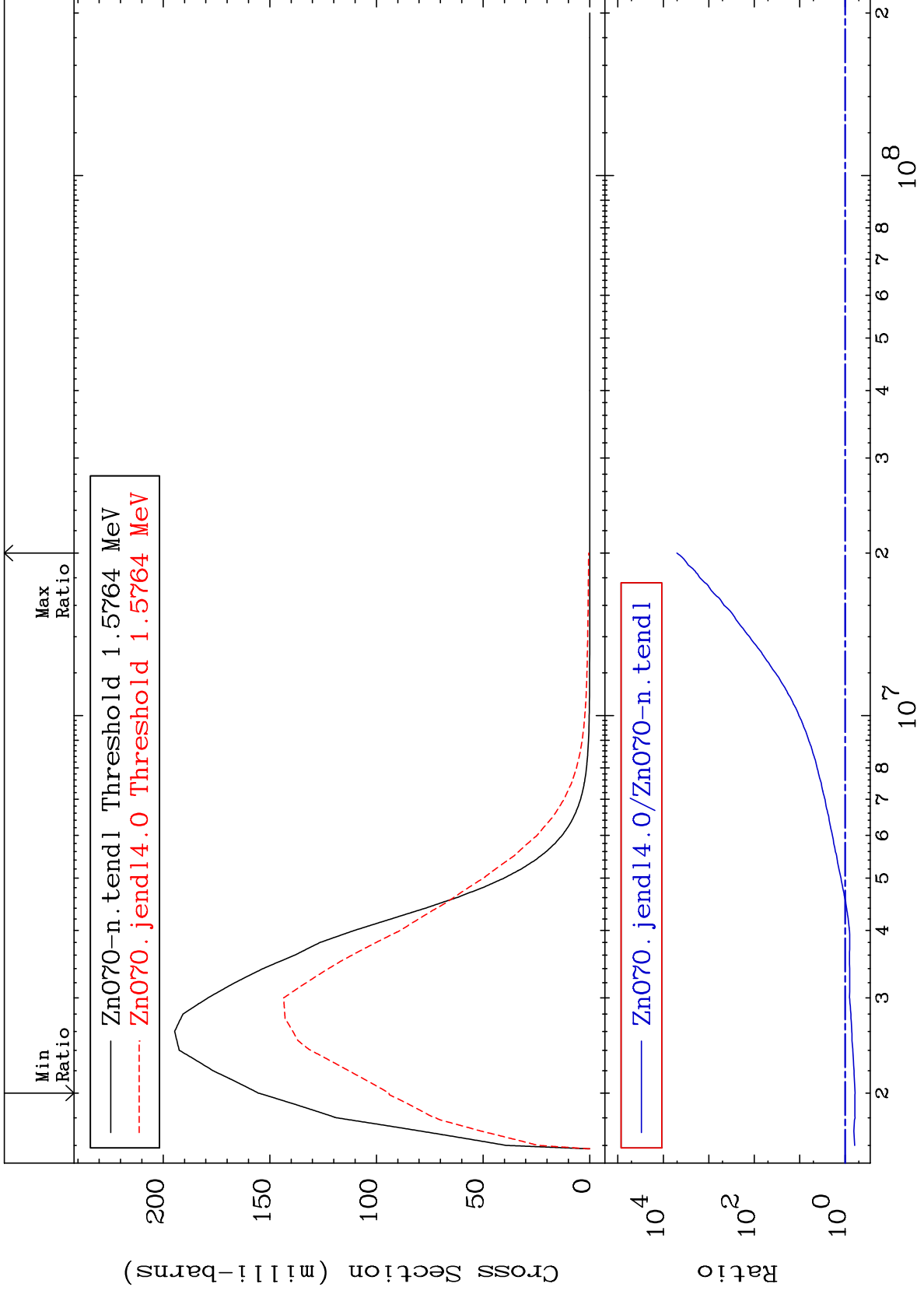
Incident Energy (eV)

30-Zn-70

MAT 3043

1.554 MeV (n,n') Level
Cross Section

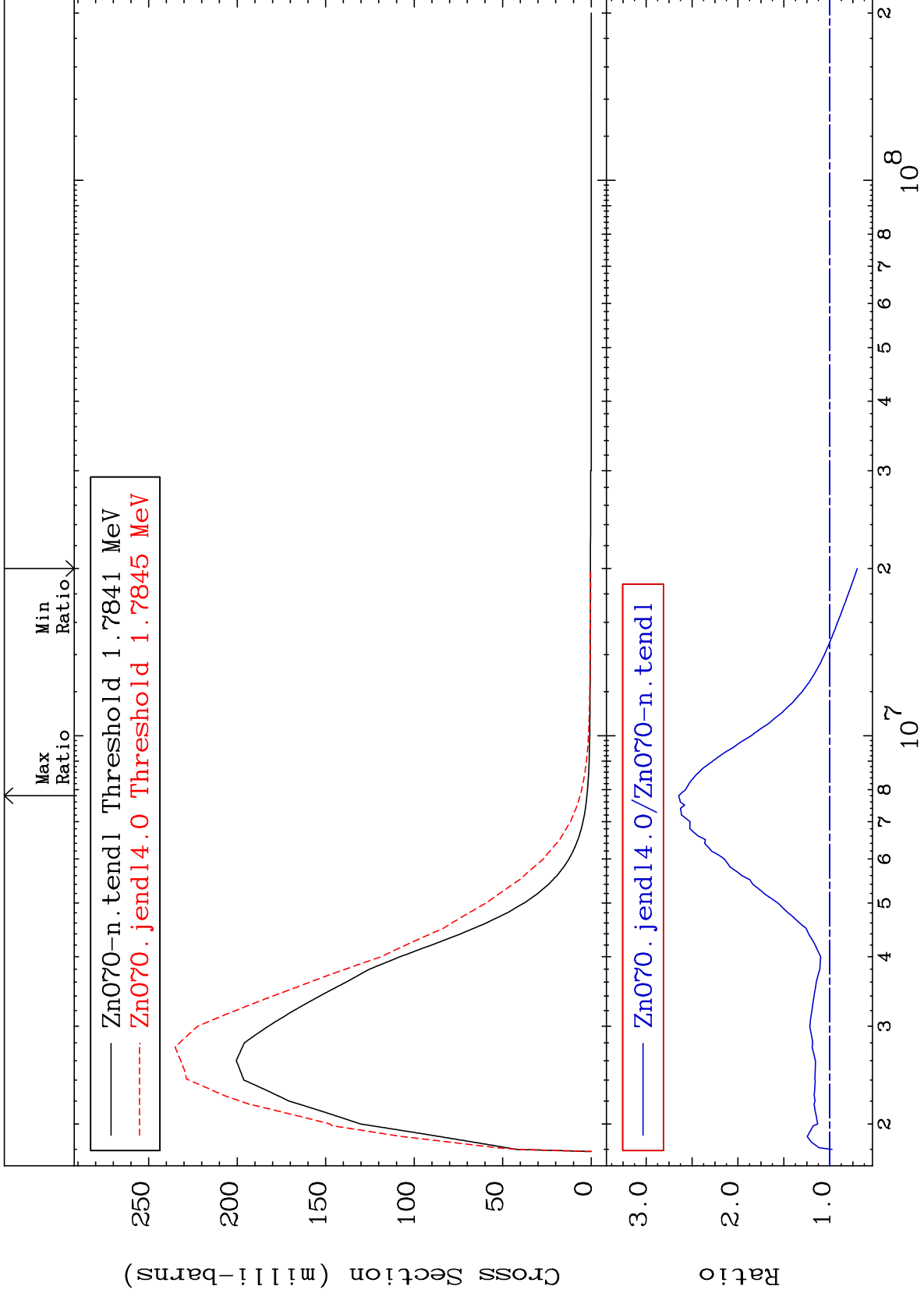
30-Zn-70
-39.40 To 9999. %



MAT 3043

1.759 MeV (n,n') Level
Cross Section

30-Zn-70
-29.85 To 164.6 %



12

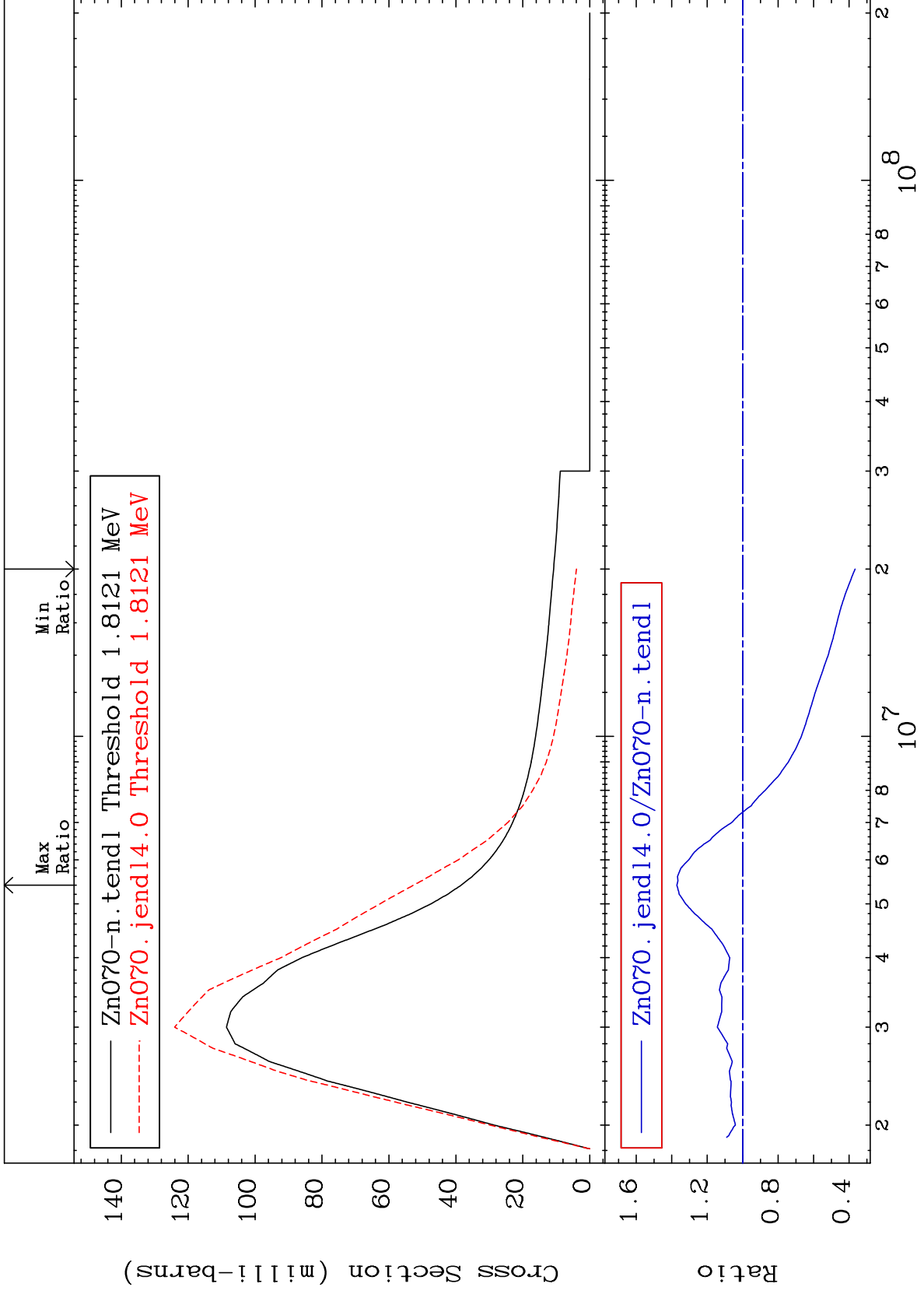
Incident Energy (eV)

30-Zn-70

MAT 3043

1.786 MeV (n,n') Level
Cross Section

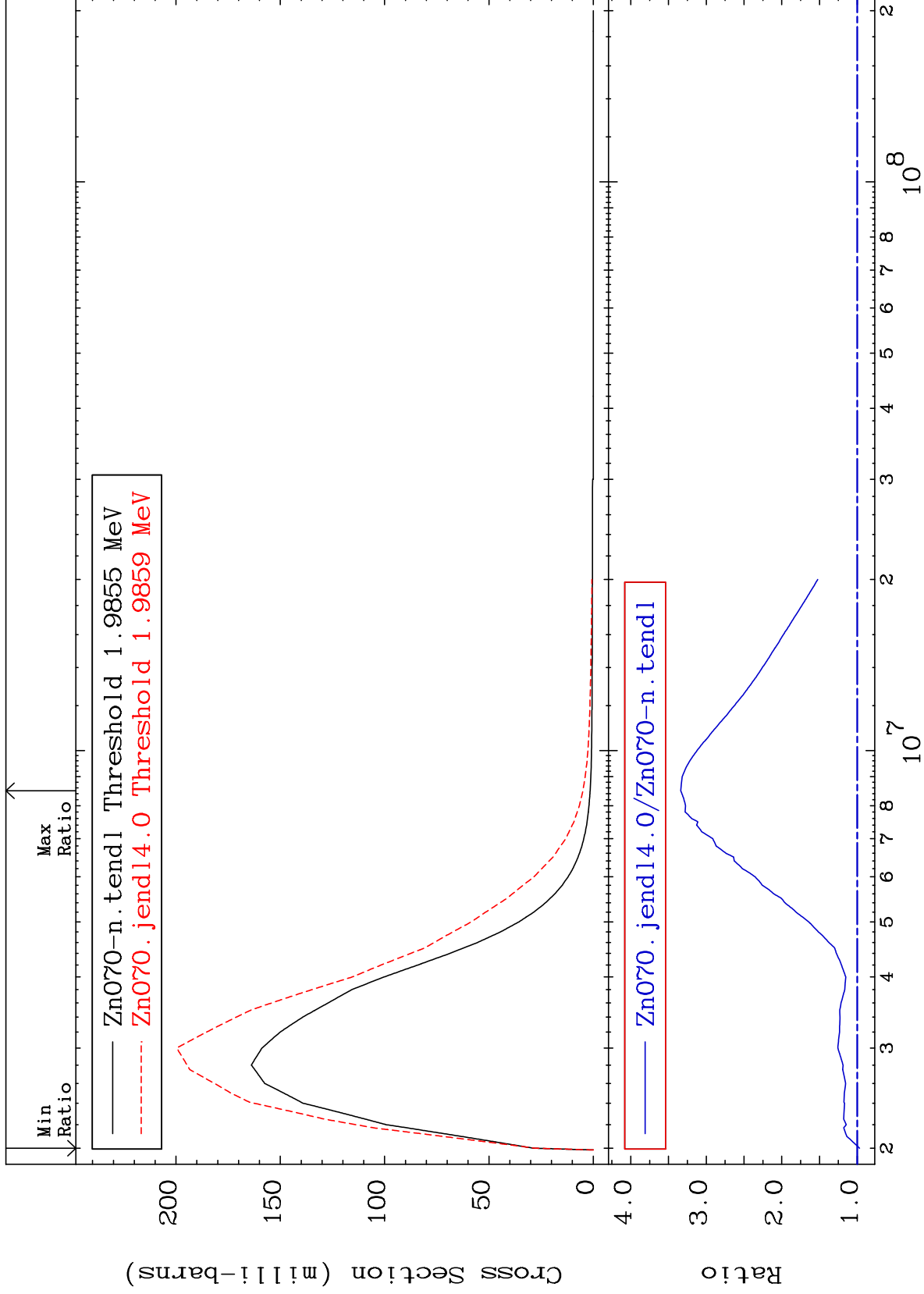
30-Zn-70
-63.39 To 37.07 %



MAT 3043

1.957 MeV (n,n') Level
Cross Section

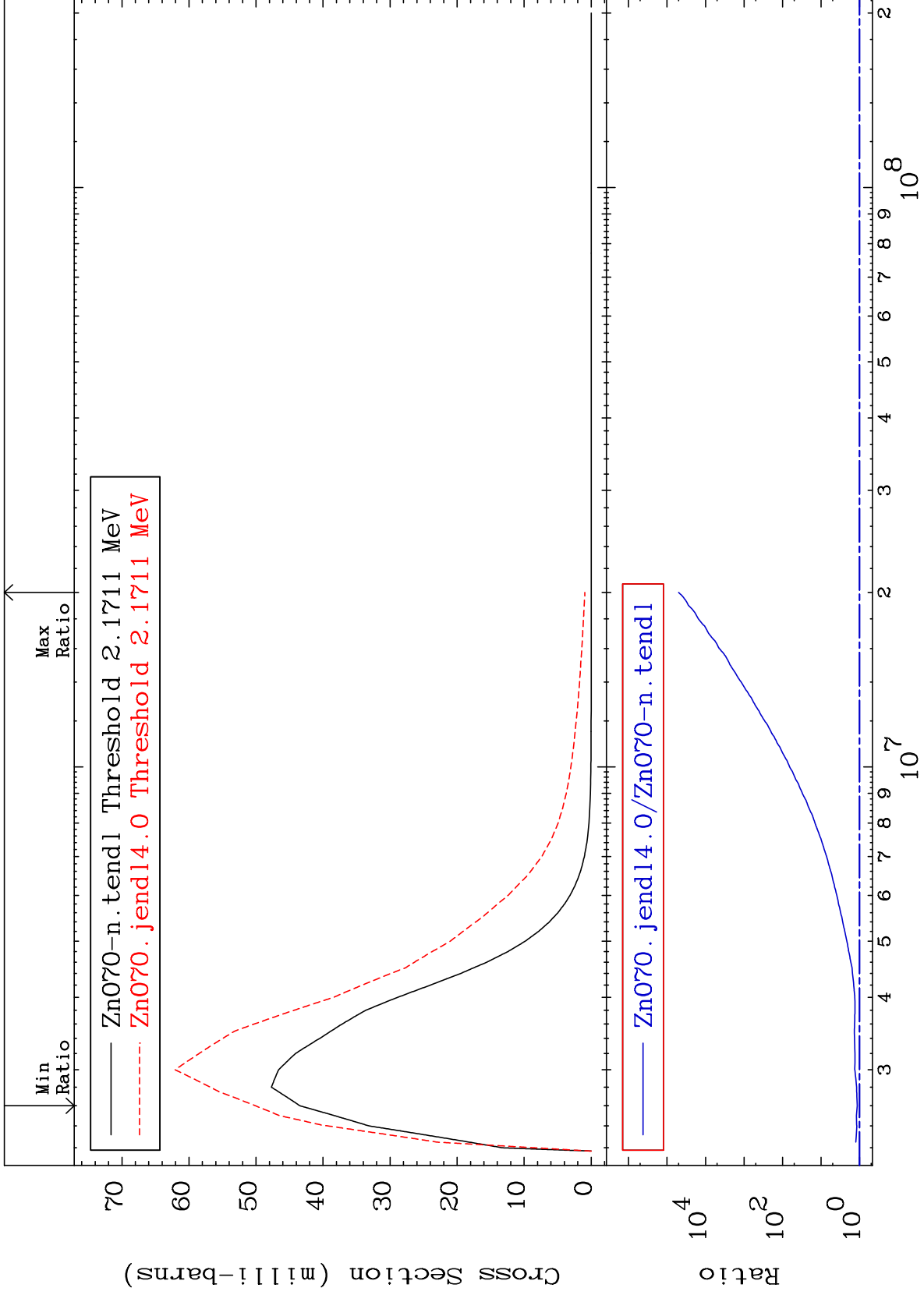
30-Zn-70
-3.061 To 233.7 %



MAT 3043

2.140 MeV (n,n') Level
Cross Section

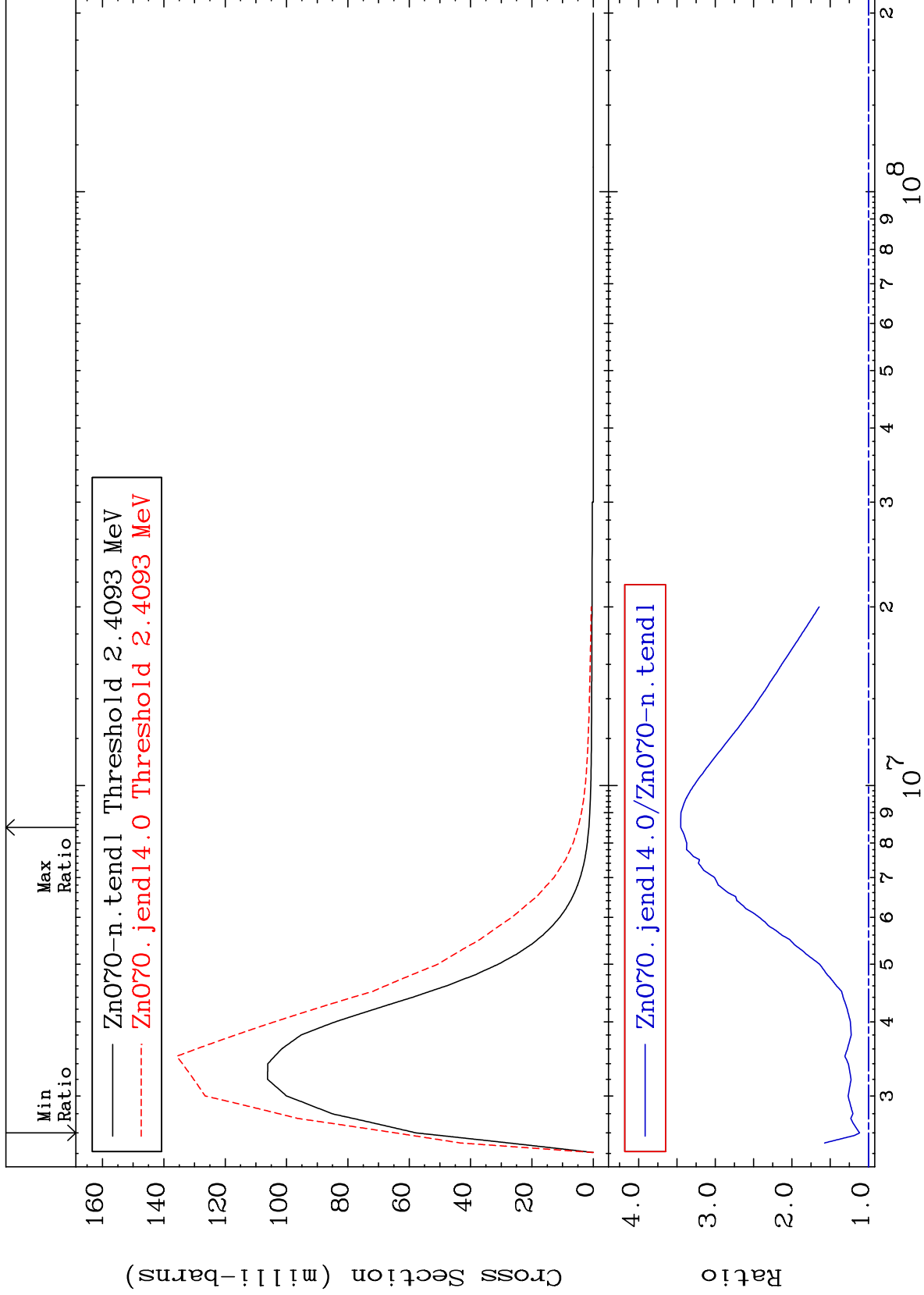
30-Zn-70
15.28 To 9999. %



MAT 3043

2.375 MeV (n,n') Level
Cross Section

30-Zn-70
11.60 To 245.1 %



16

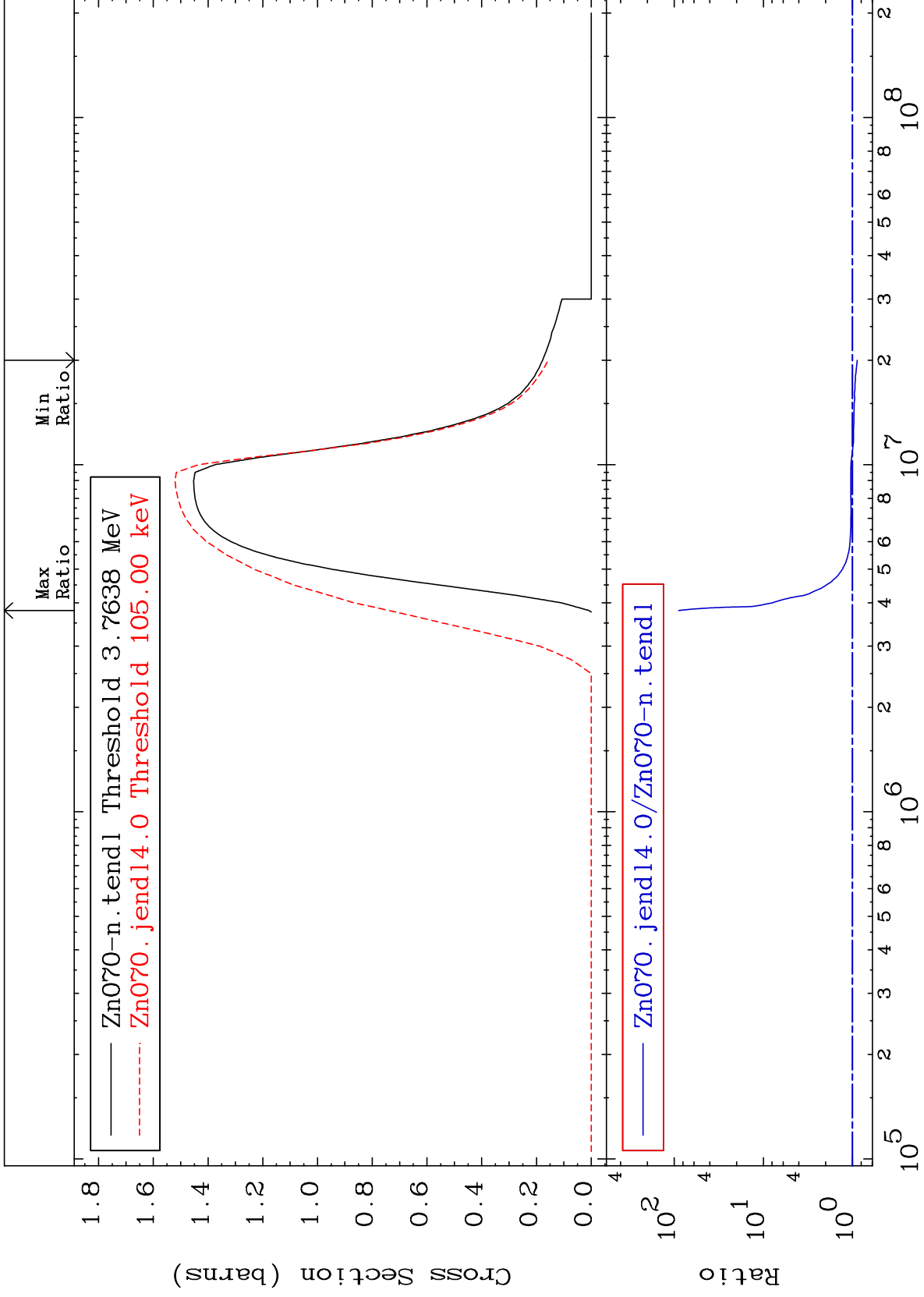
Incident Energy (eV)

30-Zn-70

MAT 3043

(n, n') Continuum
Cross Section

30-Zn-70
-11.48 To 8825. %



17

Incident Energy (eV)

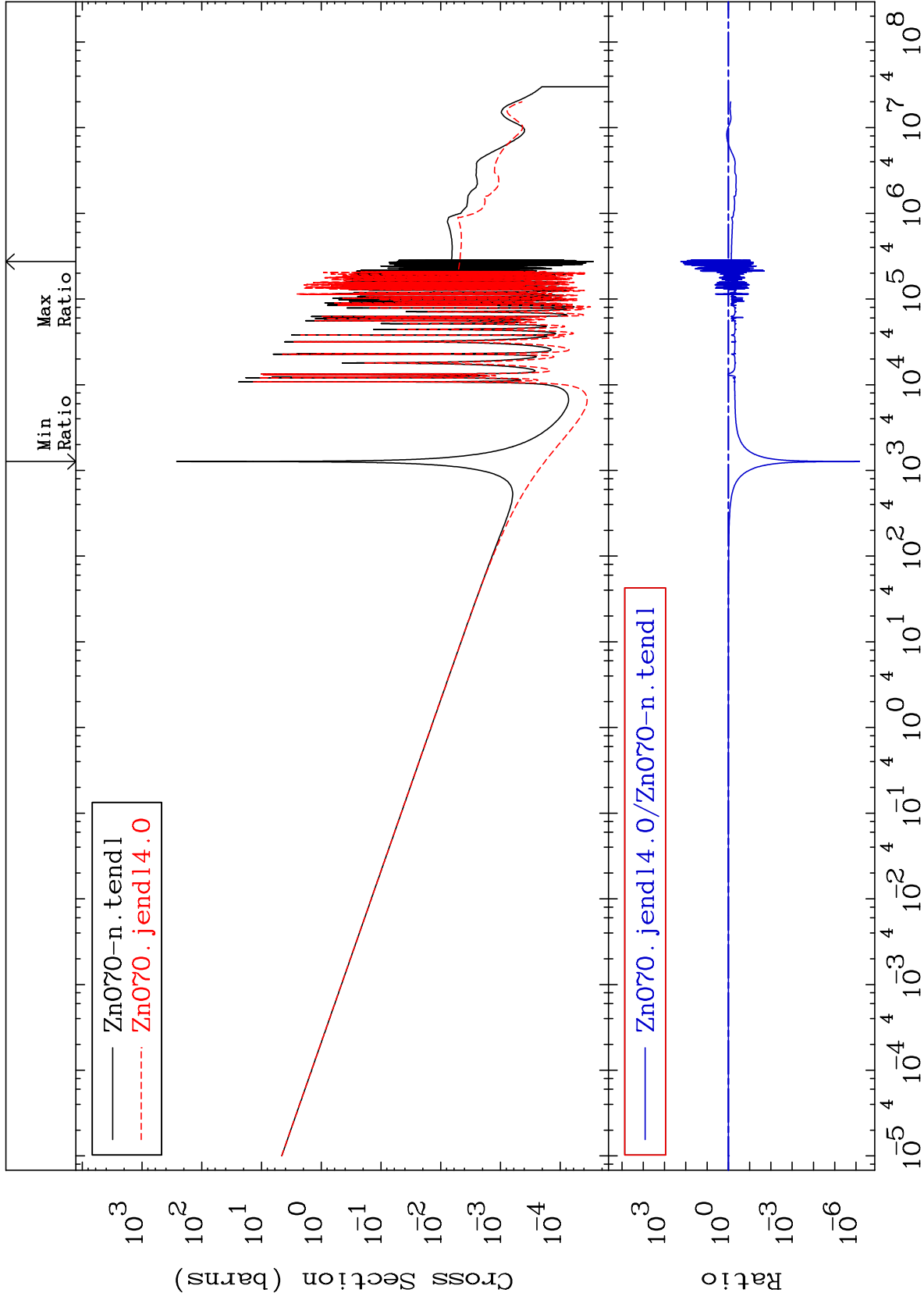
30-Zn-70

MAT 3043

(n, γ)
Cross Section

30-Zn-70

-100.0 To 9999. %



18

Incident Energy (eV)

30-Zn-70

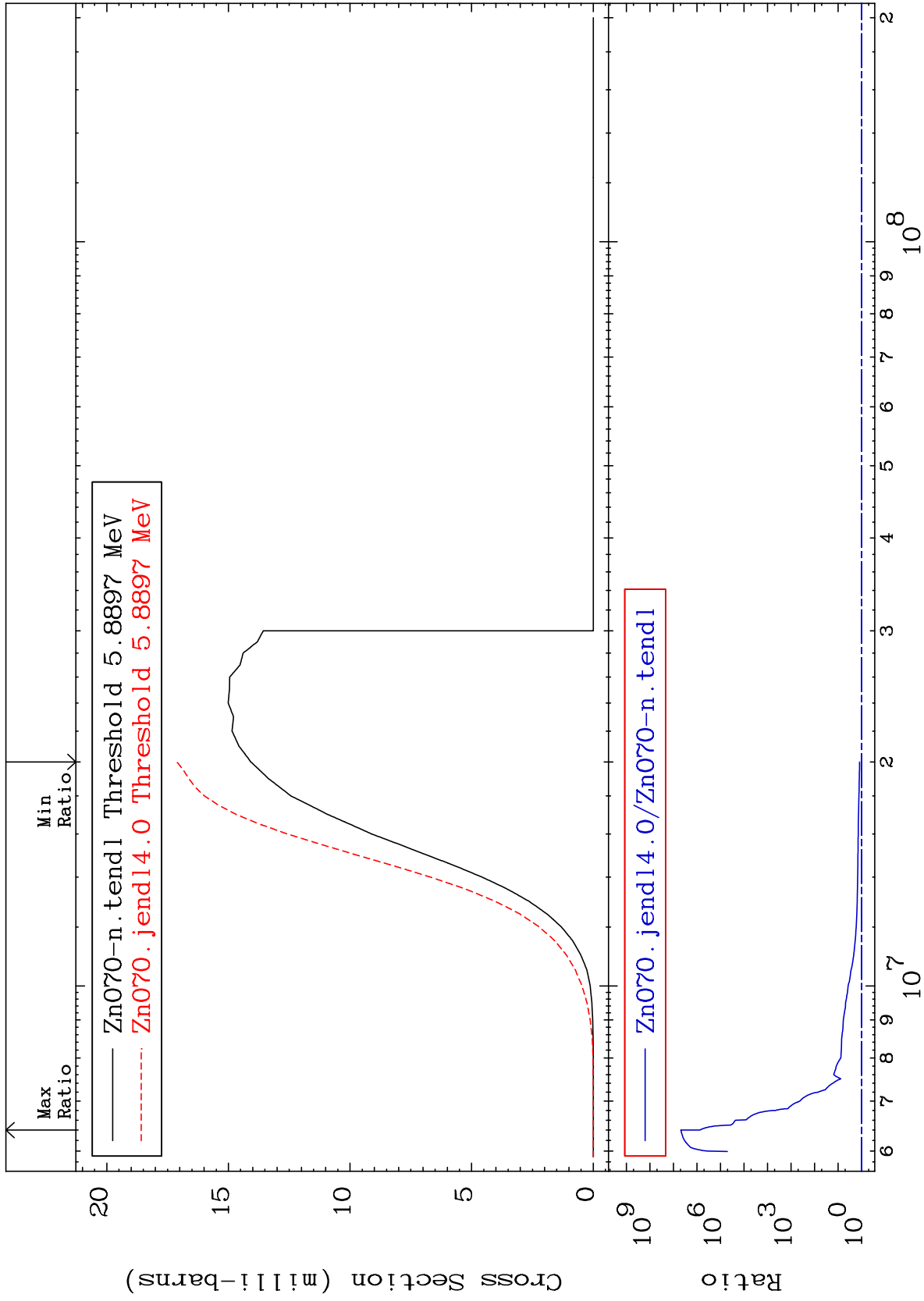
MAT 3043

(n,p)

30-Zn-70

Cross Section

21.62 To 9999. %



19

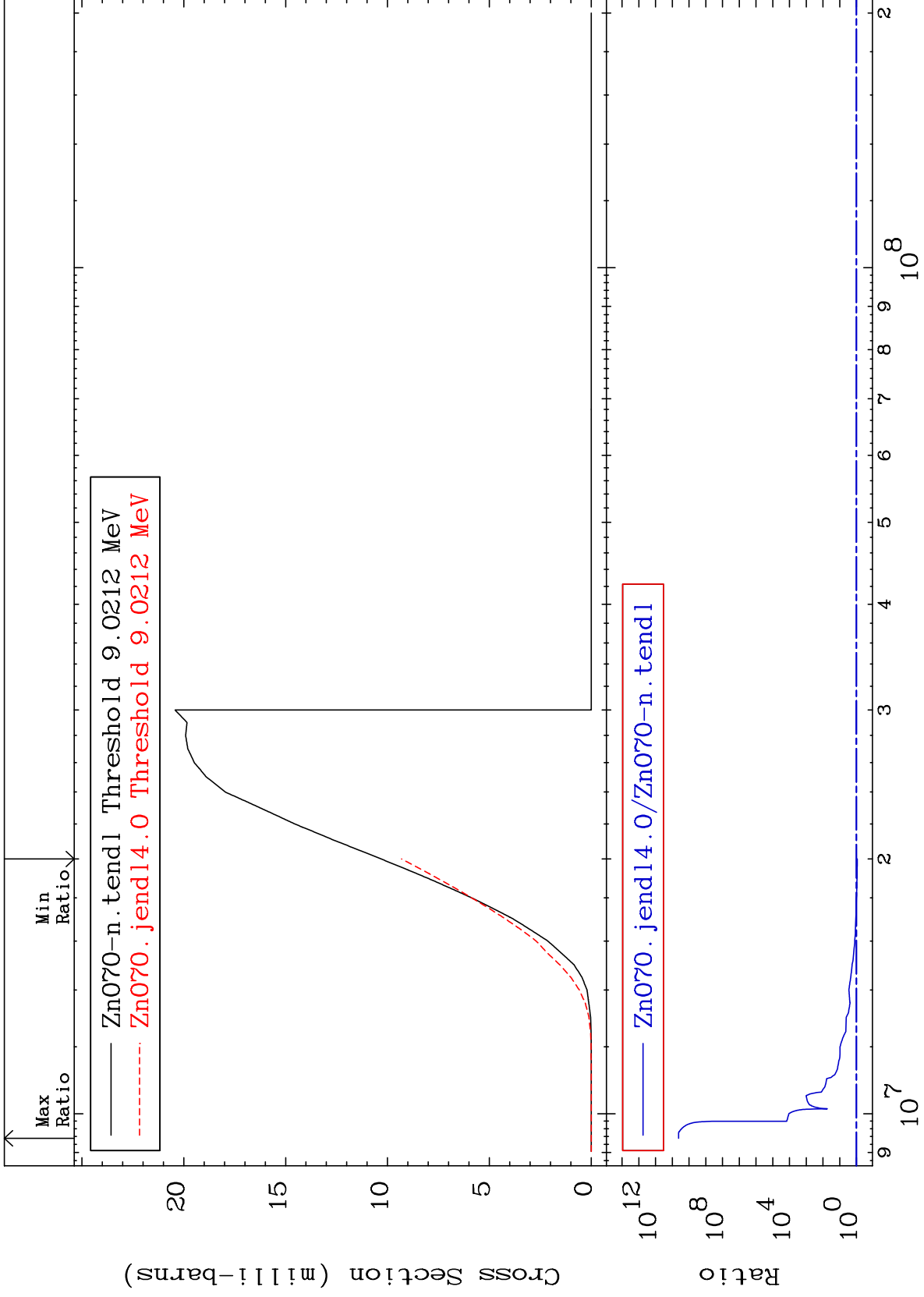
Incident Energy (eV)

30-Zn-70

MAT 3043

(n, d)
Cross Section

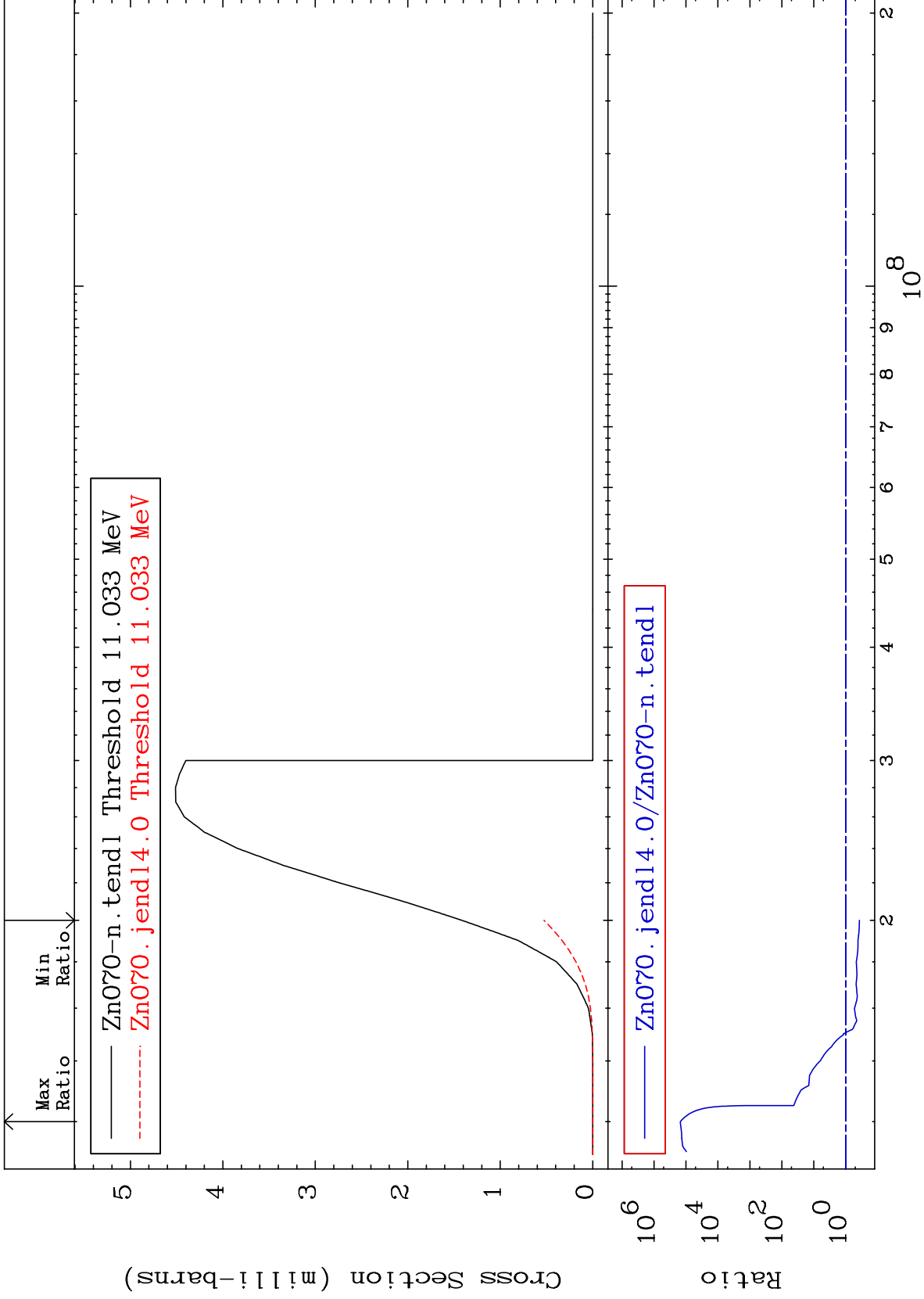
30-Zn-70
-9.737 To 9999. %



MAT 3043

(n, t)
Cross Section

30-Zn-70
-62.81 To 9999. %



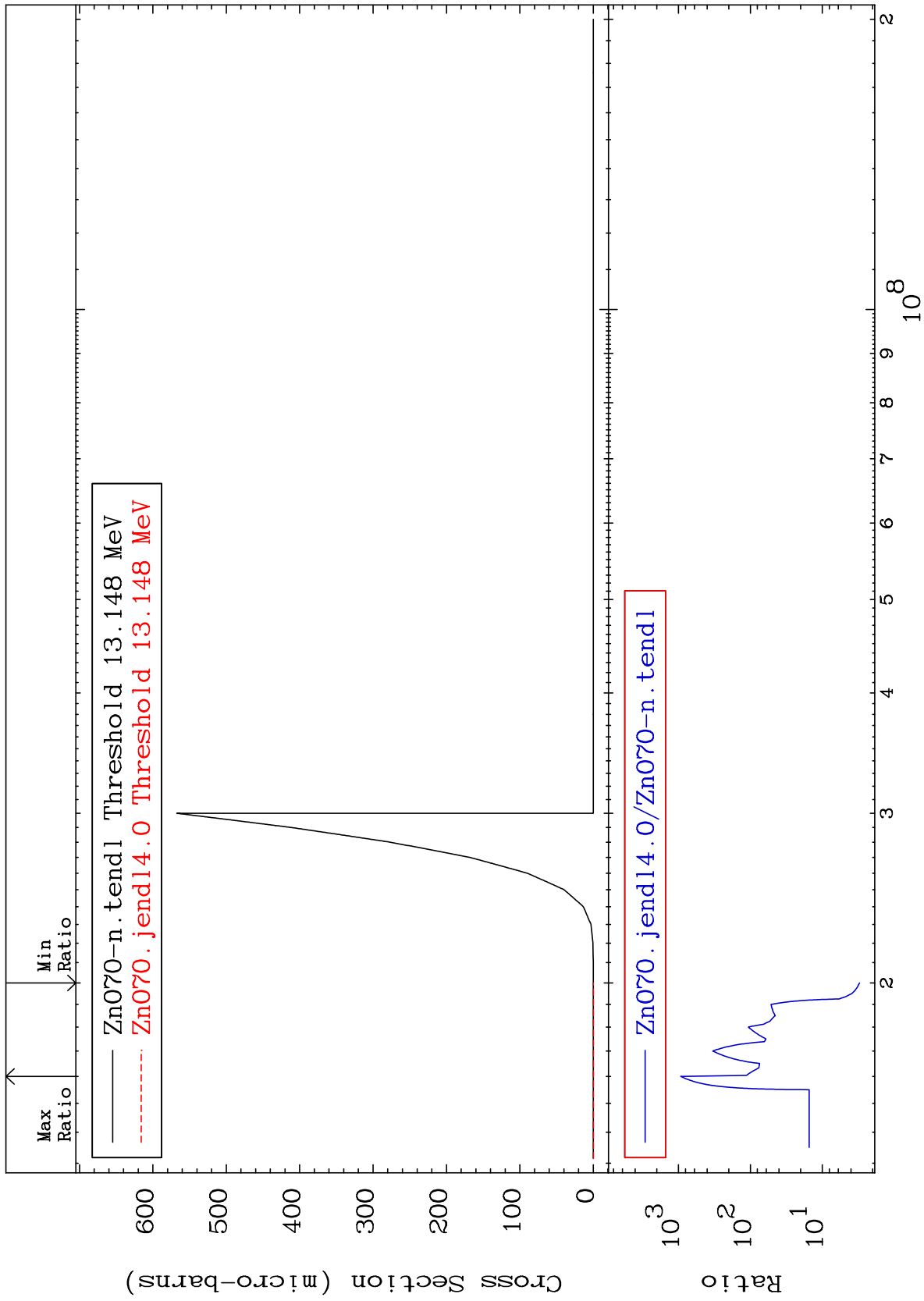
MAT 3043

(n, He-3)

30-Zn-70

Cross Section

204.0 To 9999. %



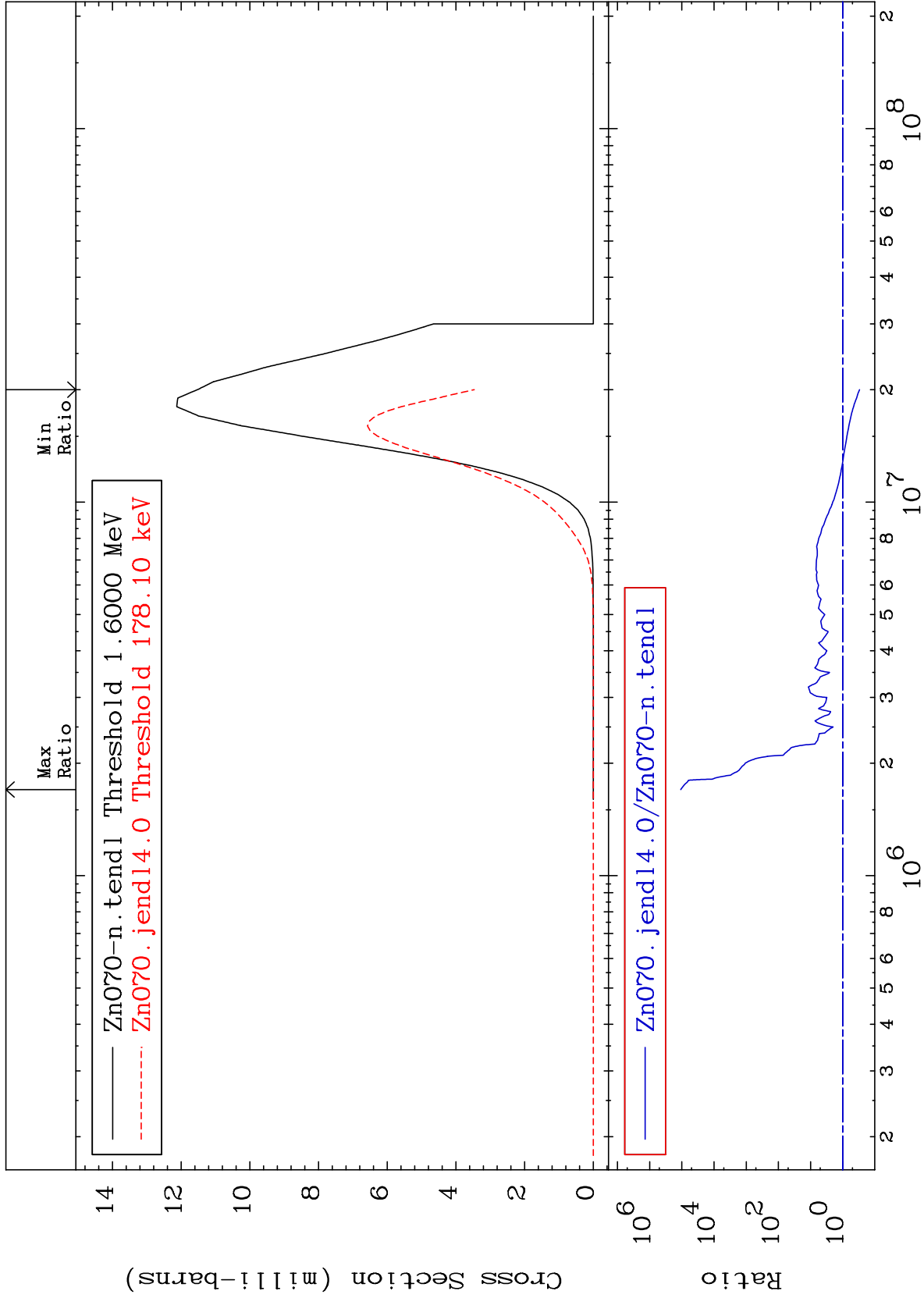
MAT 3043

(n, α)

30-Zn-70

Cross Section

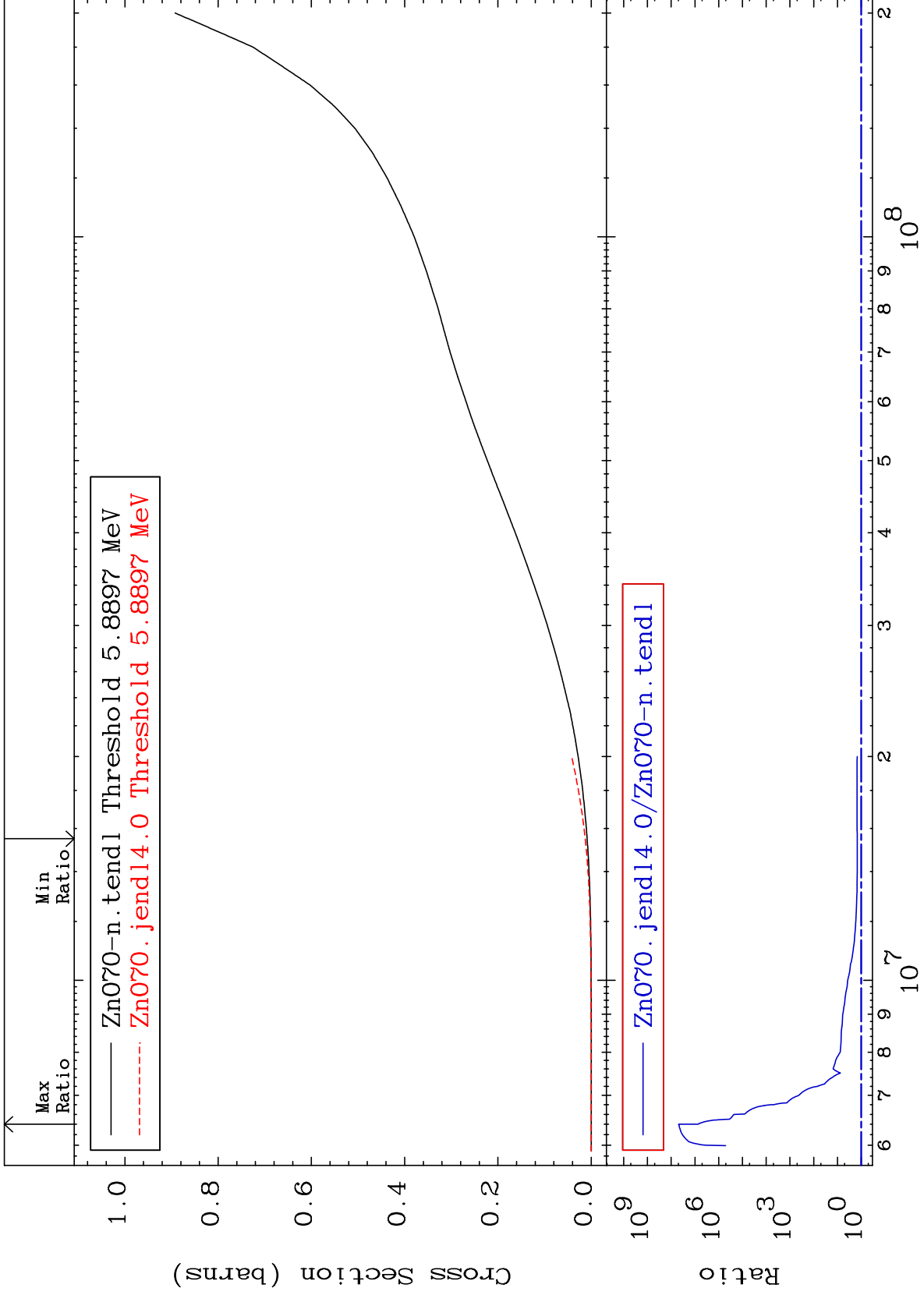
-69.91 To 9999. %



MAT 3043

Hydrogen Production
Cross Section

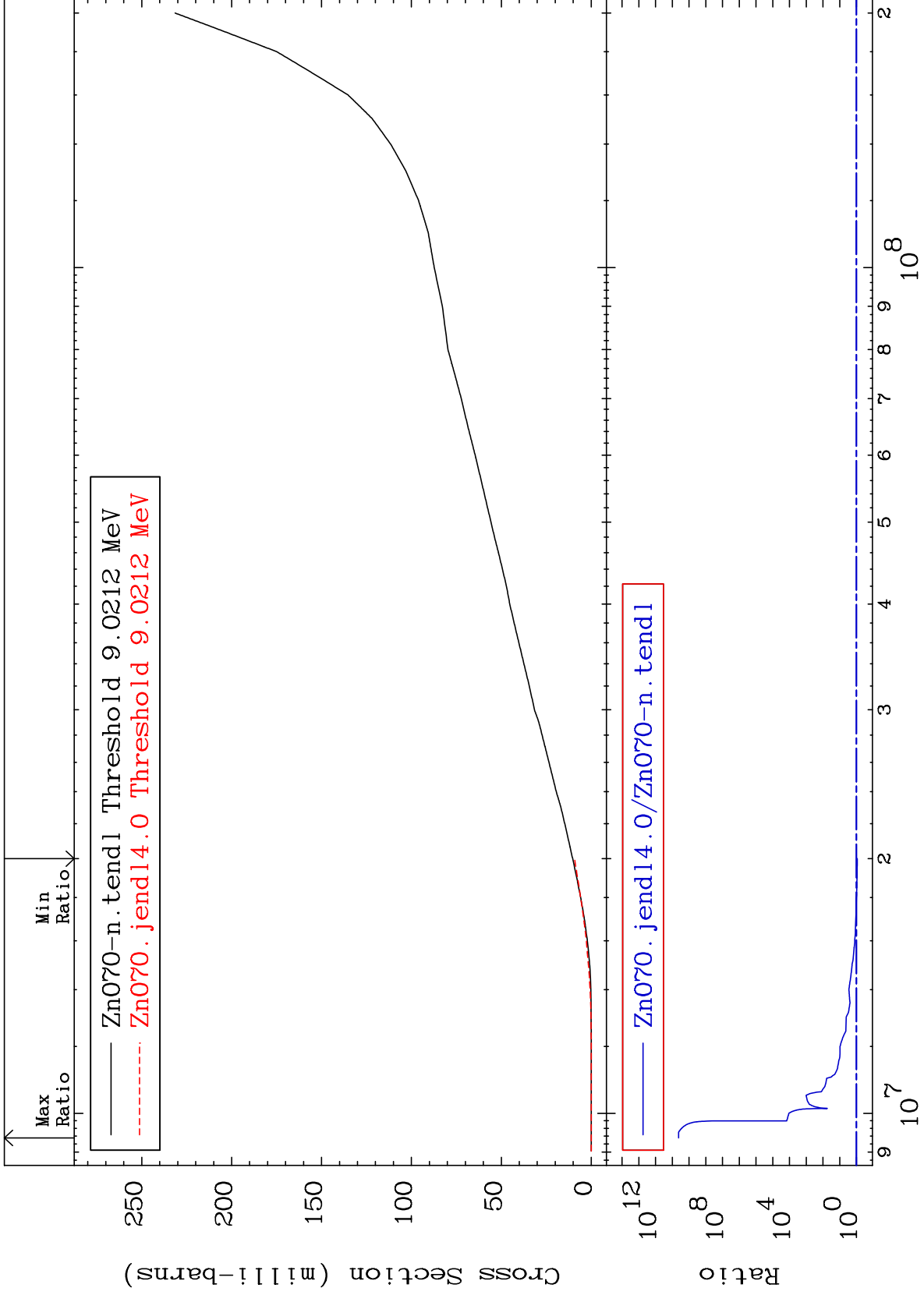
30-Zn-70
46.87 To 9999. %



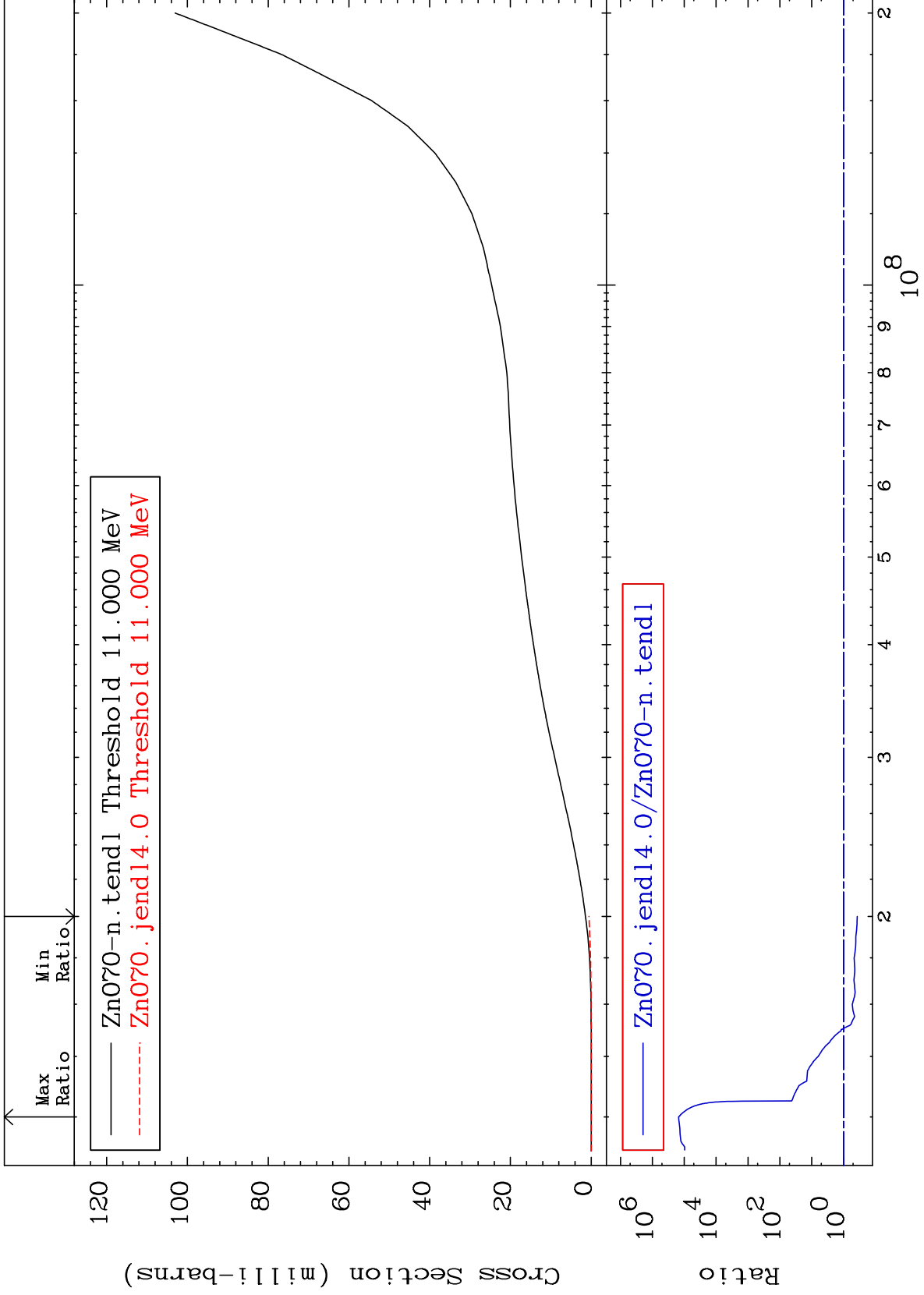
MAT 3043

Deuterium Production
Cross Section

30-Zn-70
-9.722 To 9999. %



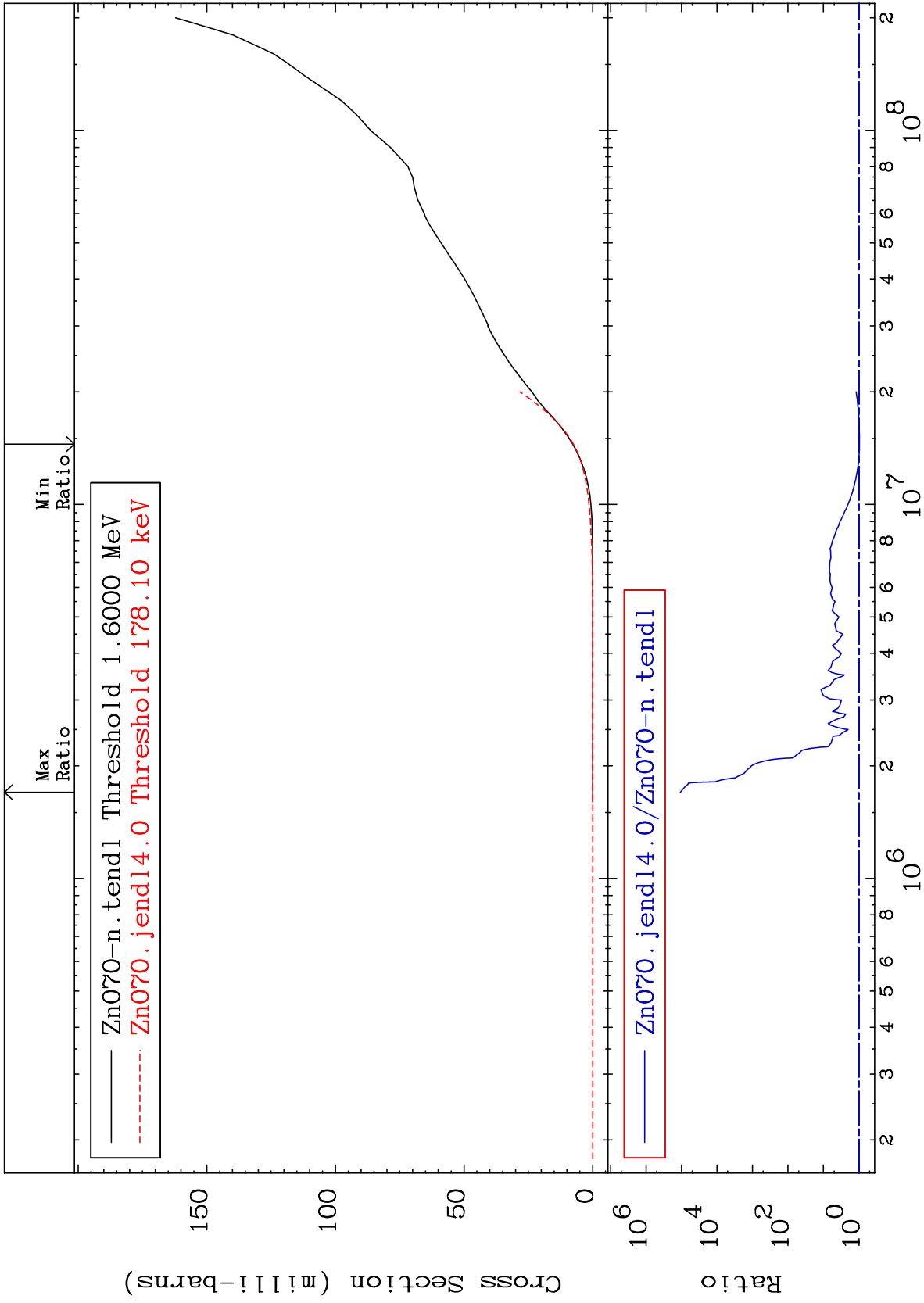
25

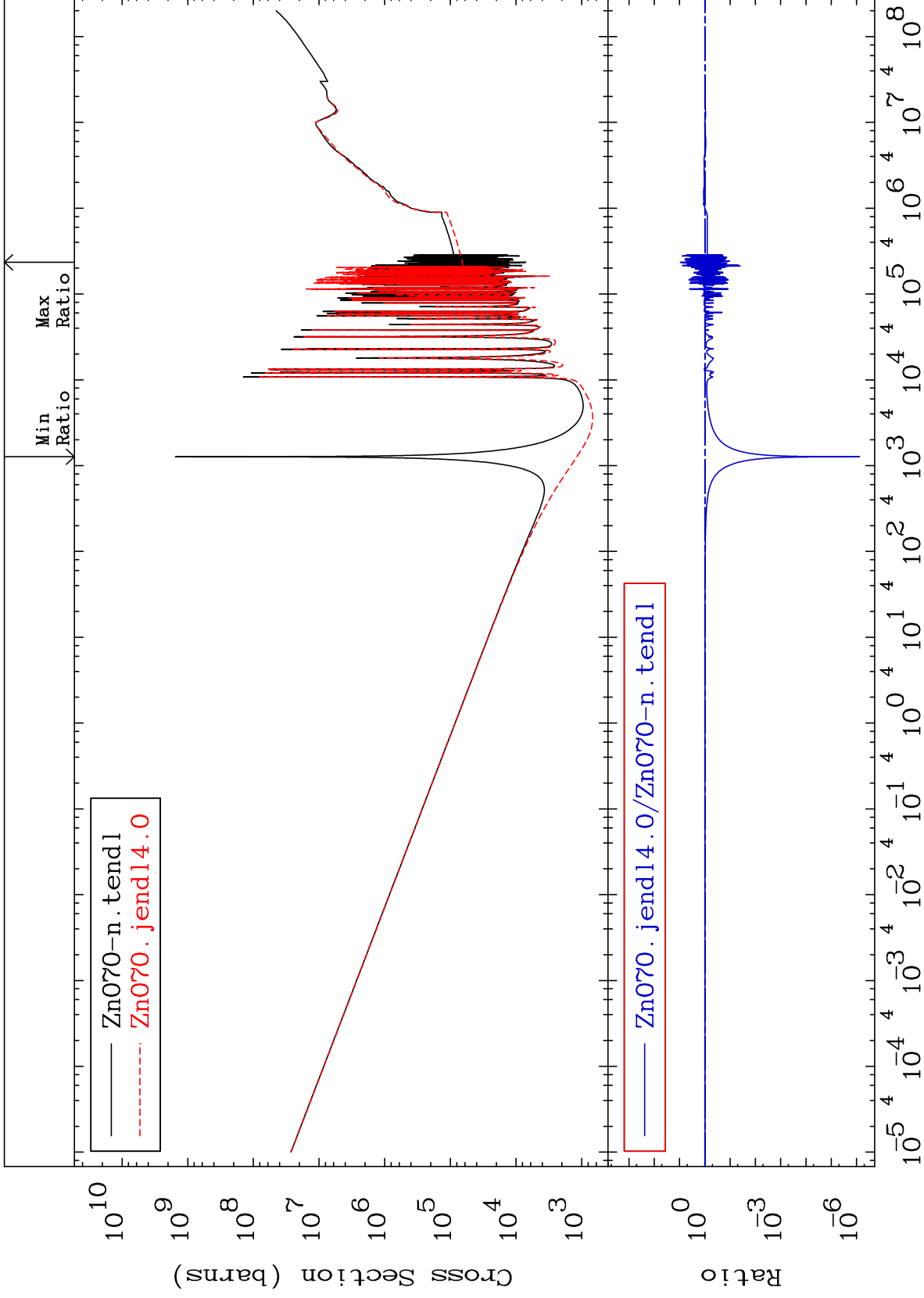


MAT 3043

He-4 Production
Cross Section

30-Zn-70
-3.292 To 9999. %

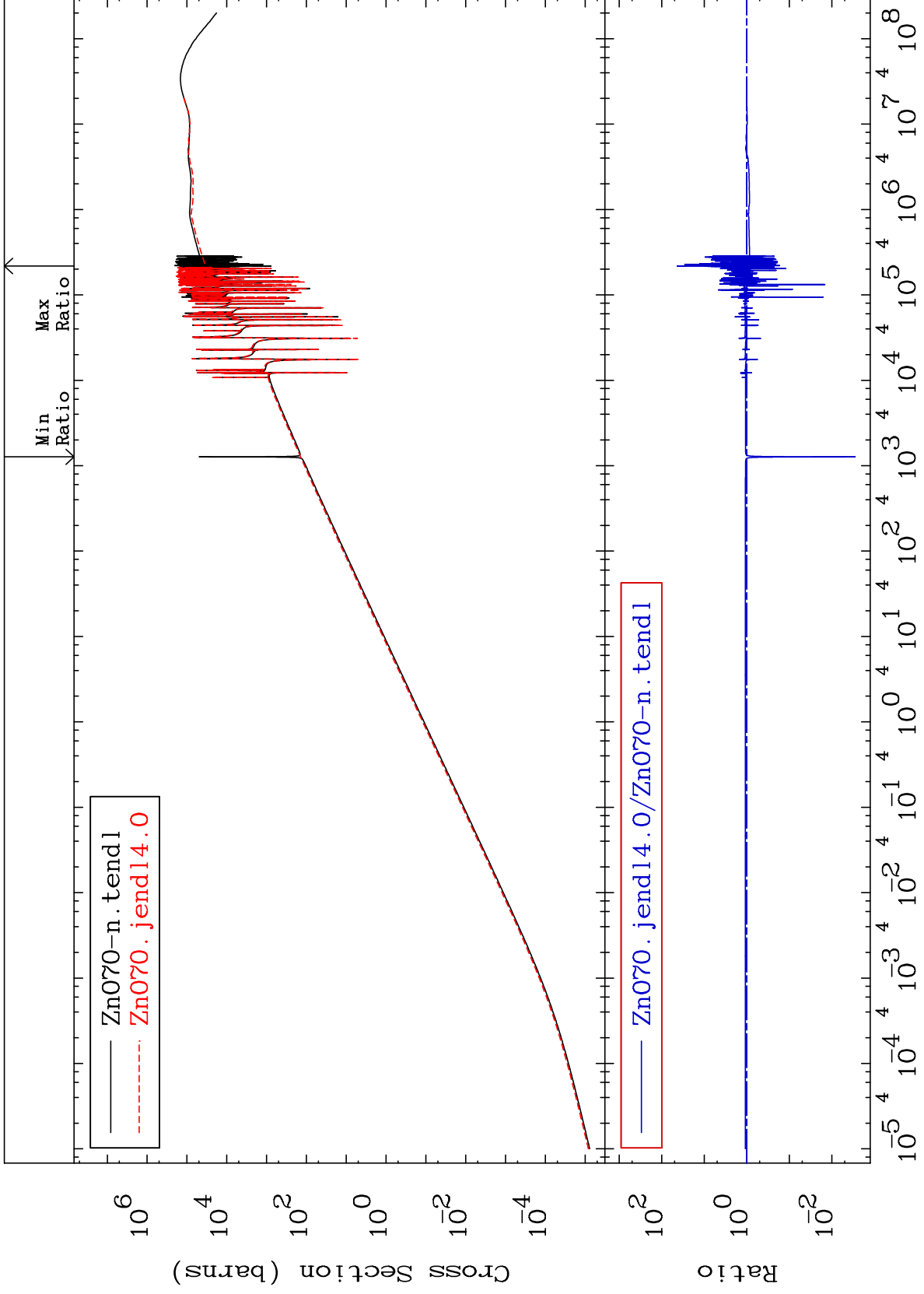




MAT 3043

Kerma elastic
Cross Section

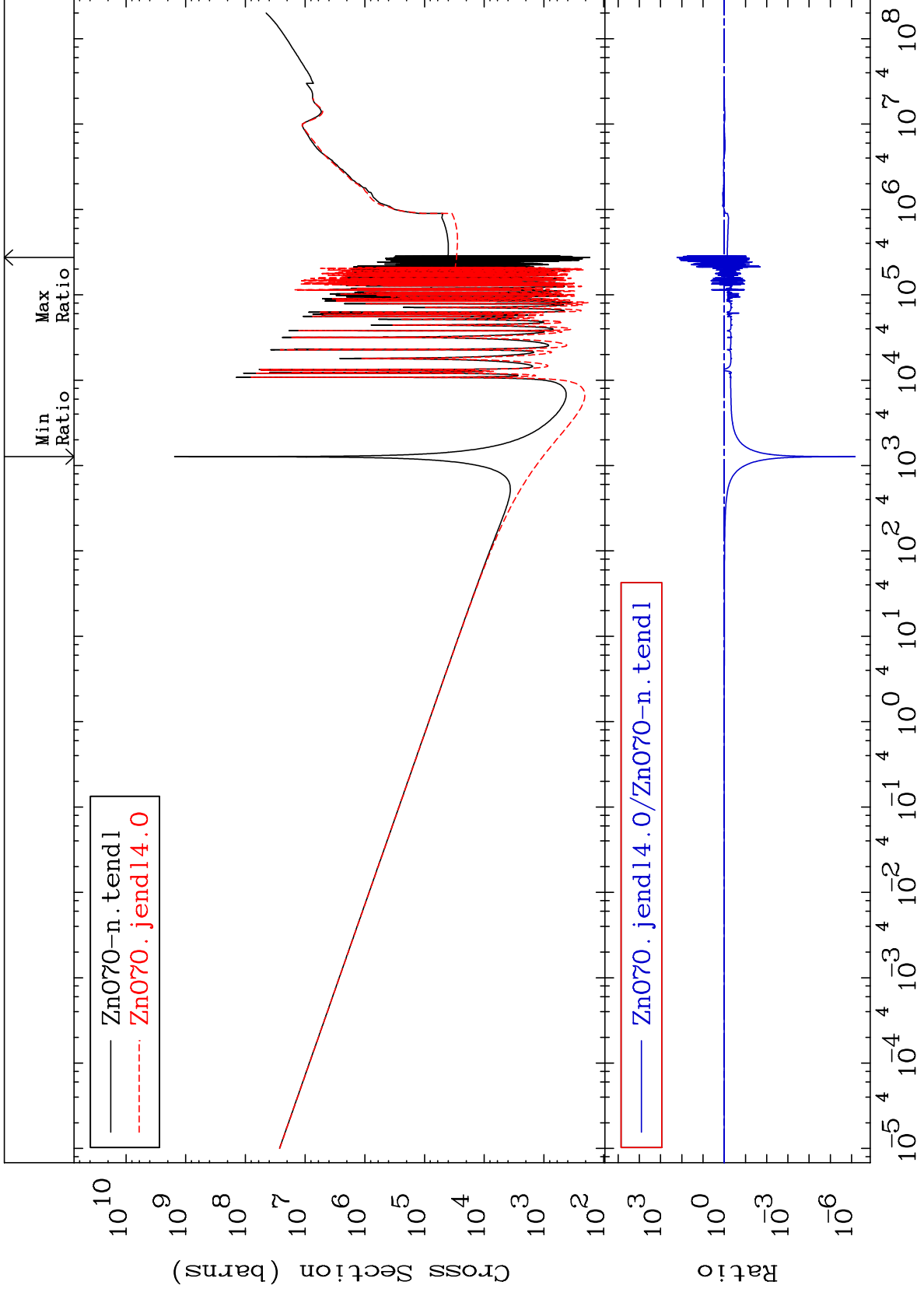
30-Zn-70
-99.72 To 4291. %



30

Incident Energy (eV)

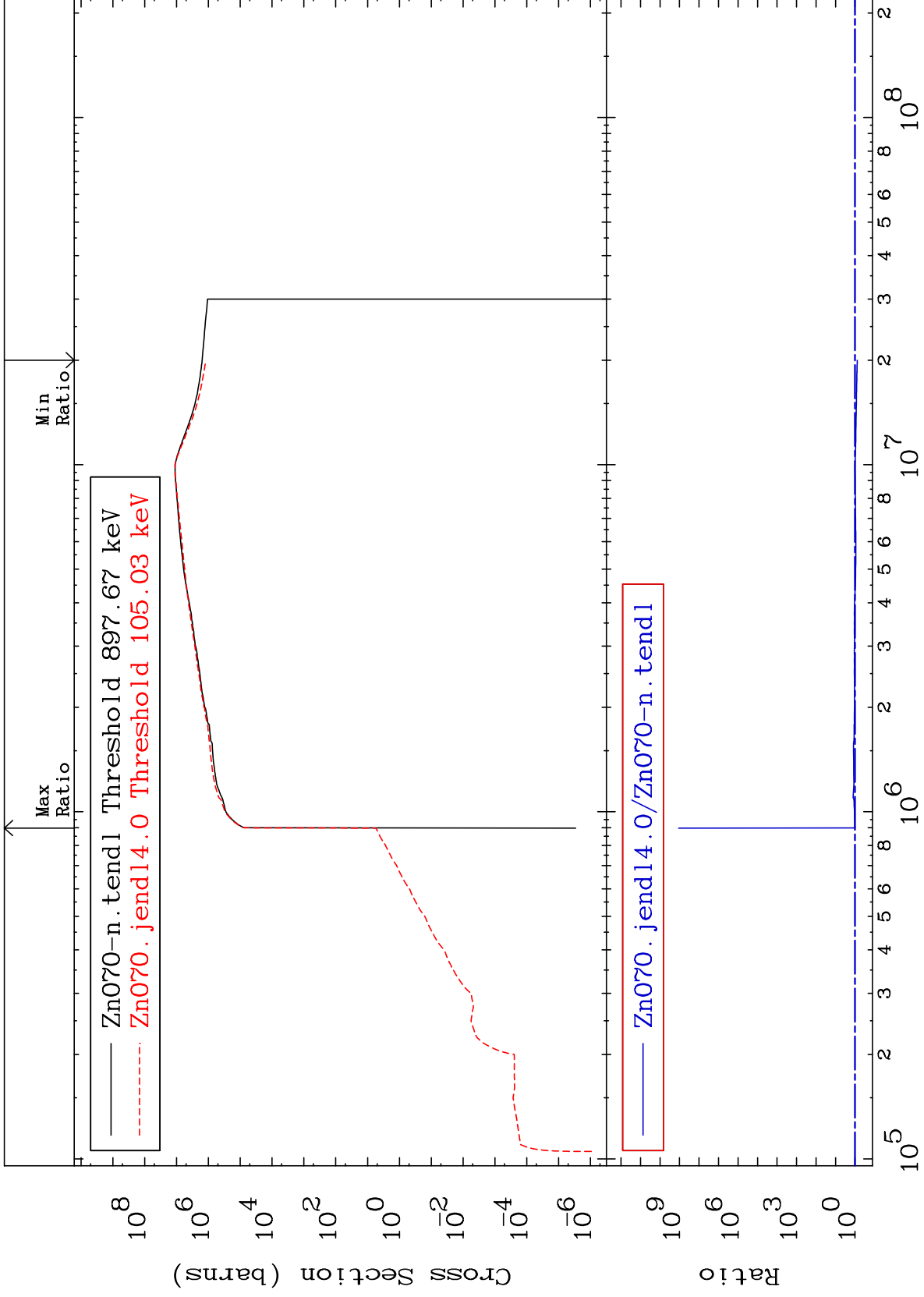
30-Zn-70



MAT 3043

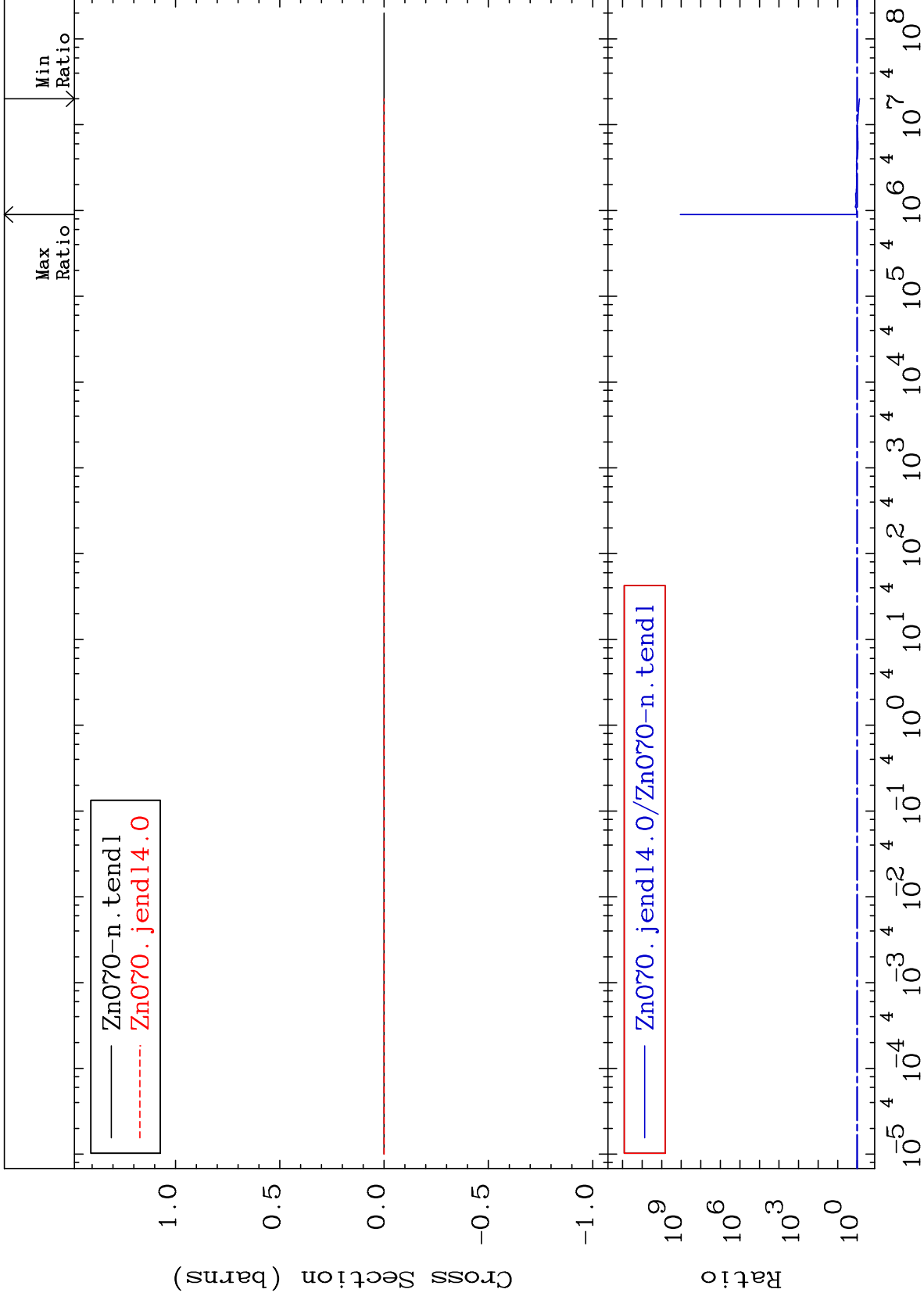
Kerma inelastic (mt51-91)
Cross Section

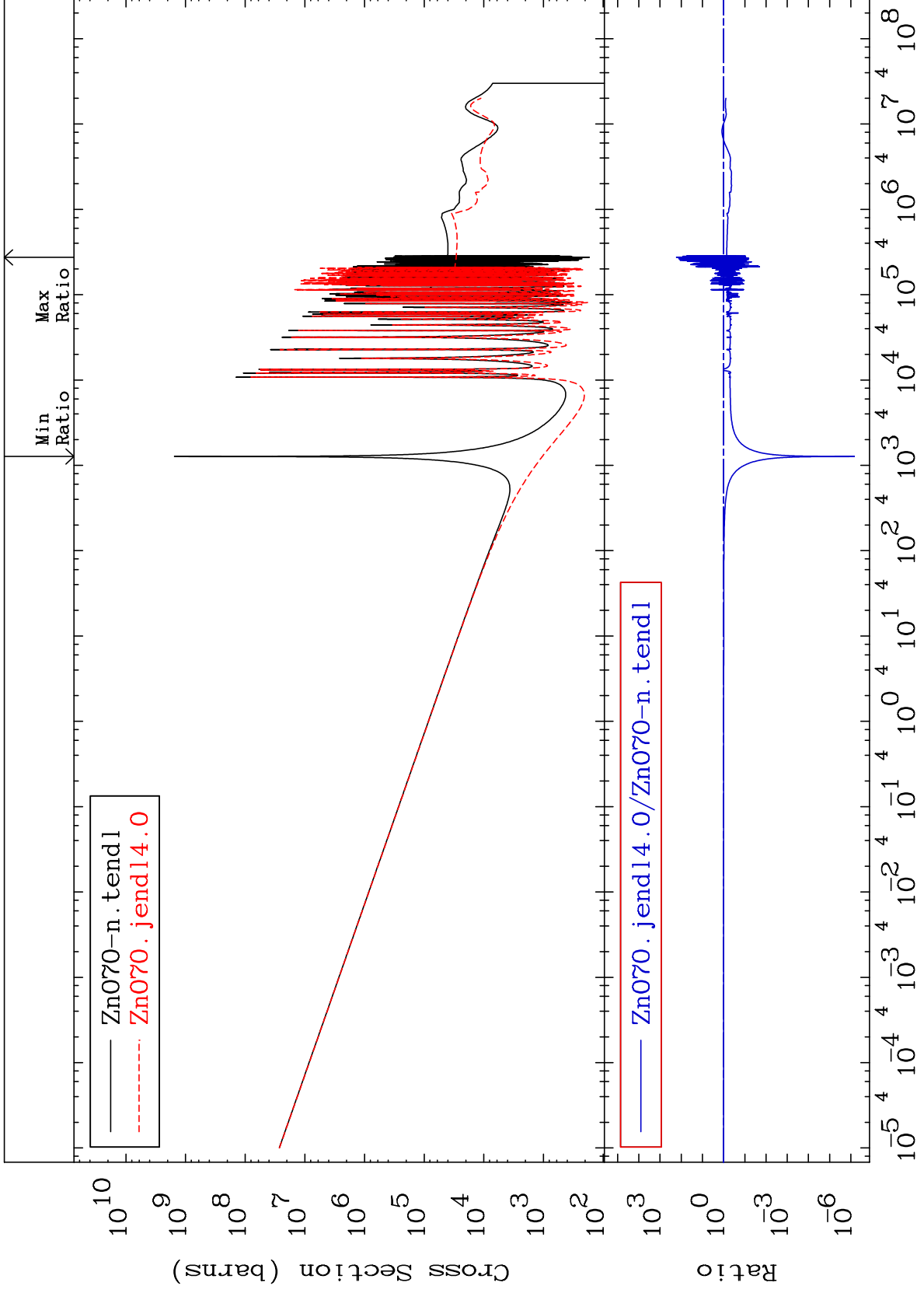
30-Zn-70
-22.99 To 9999. %



— Zn070-n.tendl Threshold 897.67 keV
- - - Zn070.jend14.0 Threshold 105.03 keV

— Zn070.jend14.0/Zn070-n.tendl

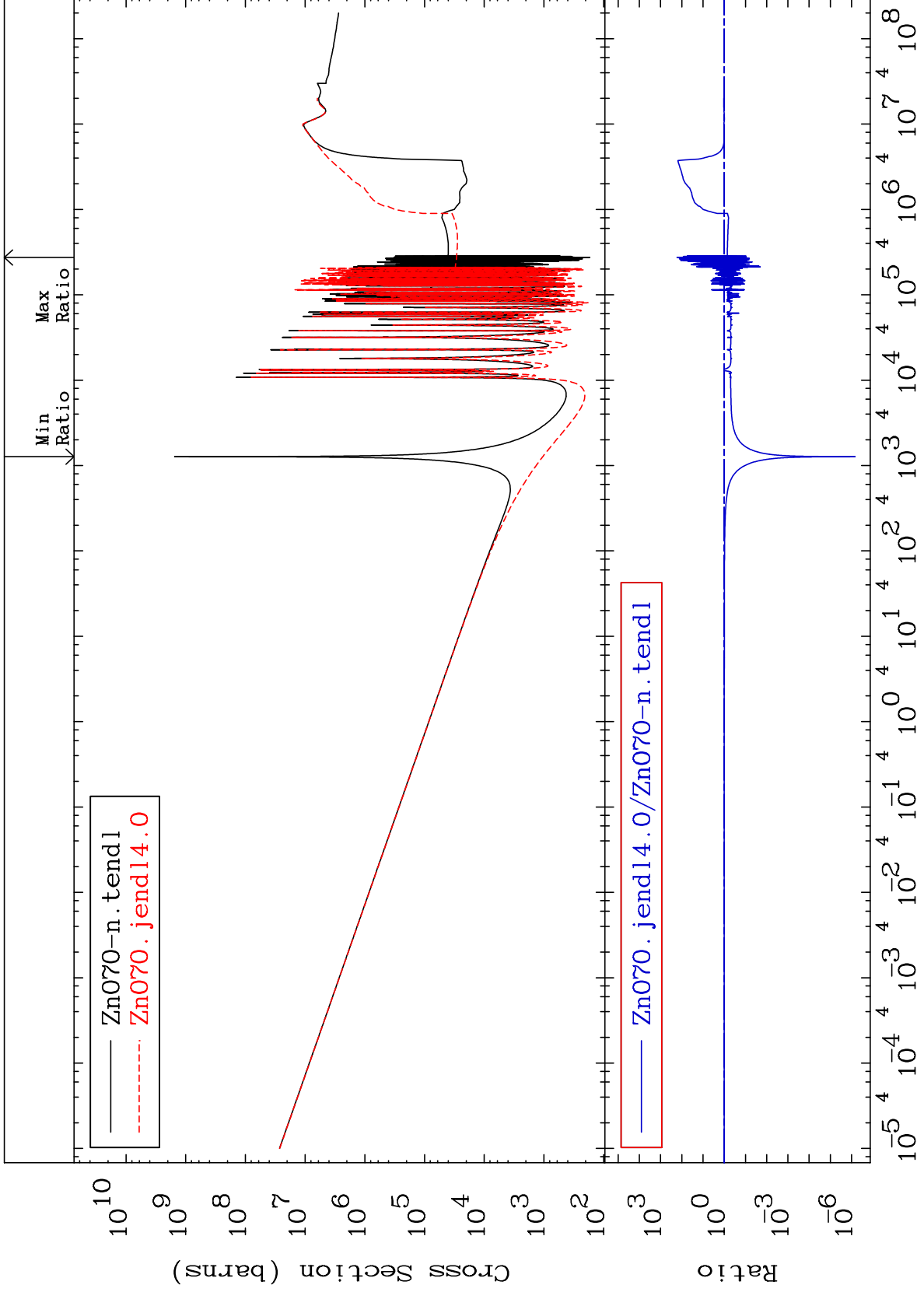




MAT 3043

Total photon (eV-barns)
Cross Section

30-Zn-70
-100.0 To 9999. %



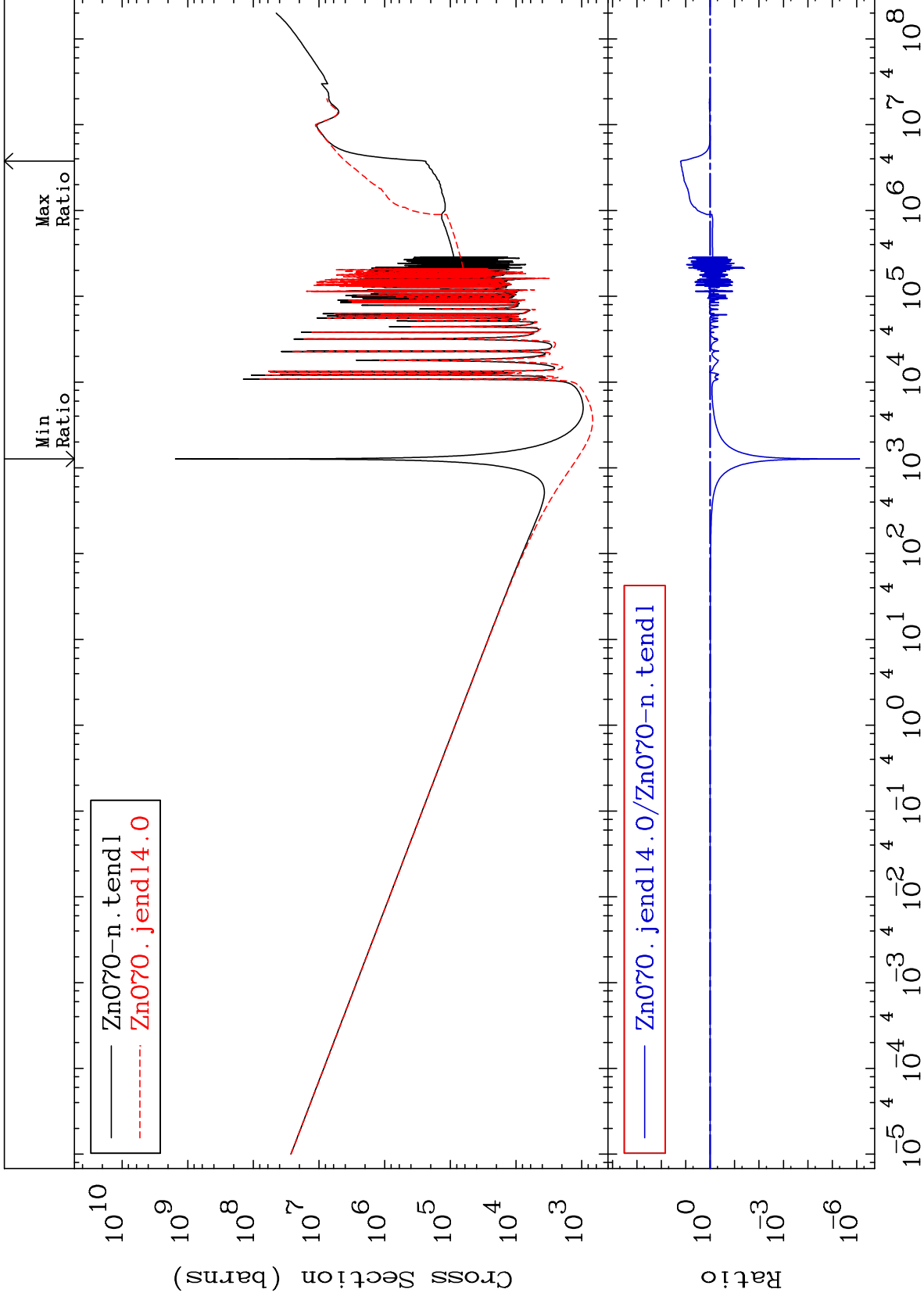
— Zn070-n.tendl
- - - Zn070.jendl4.0

— Zn070.jendl4.0/Zn070-n.tendl

35

Incident Energy (eV)

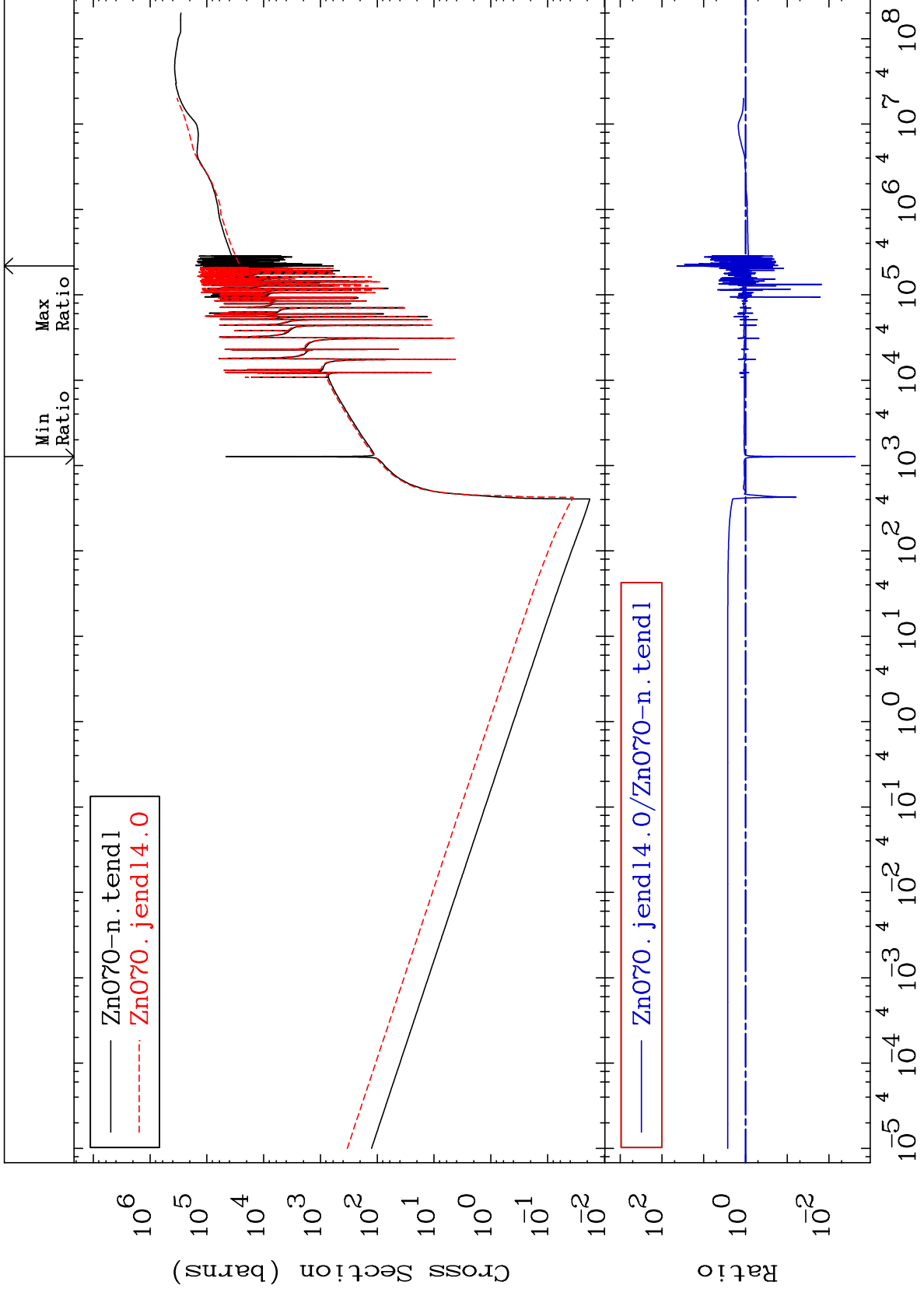
30-Zn-70



MAT 3043

Dpa total (eV-barns)
Cross Section

30-Zn-70
-99.76 To 4286. %



37

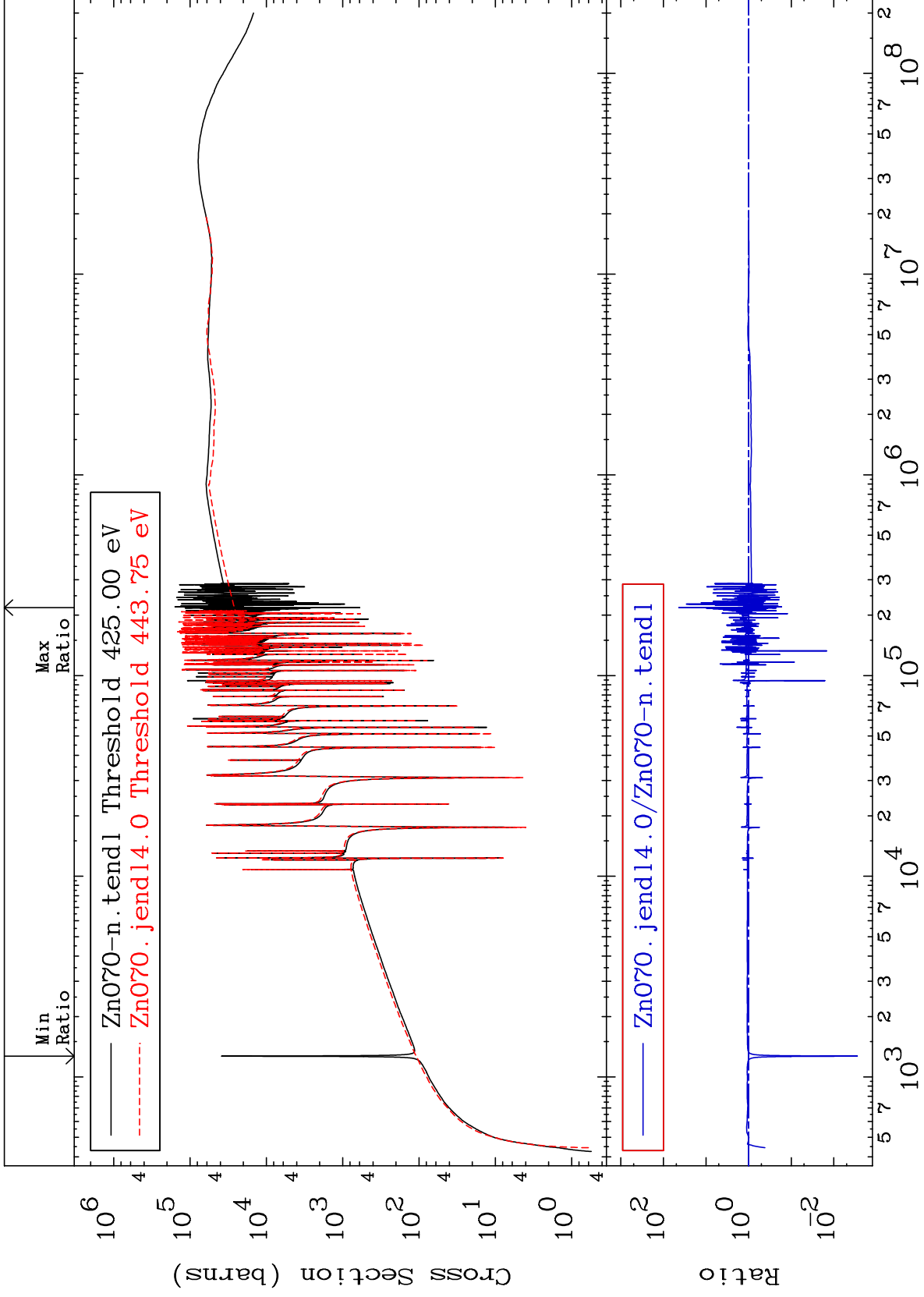
Incident Energy (eV)

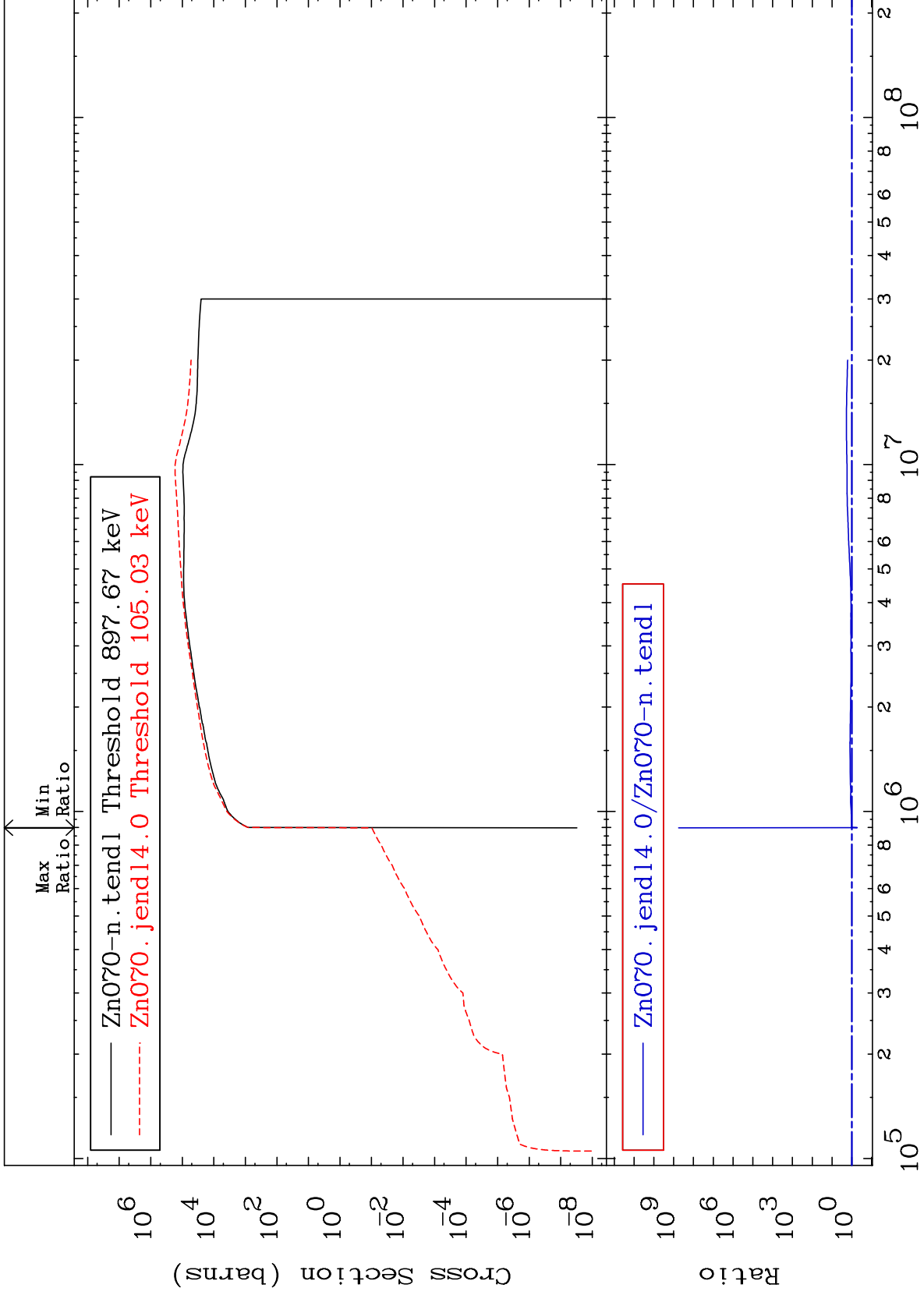
30-Zn-70

MAT 3043

Dpa elastic (mt2)
Cross Section

30-Zn-70
-99.72 To 4289. %

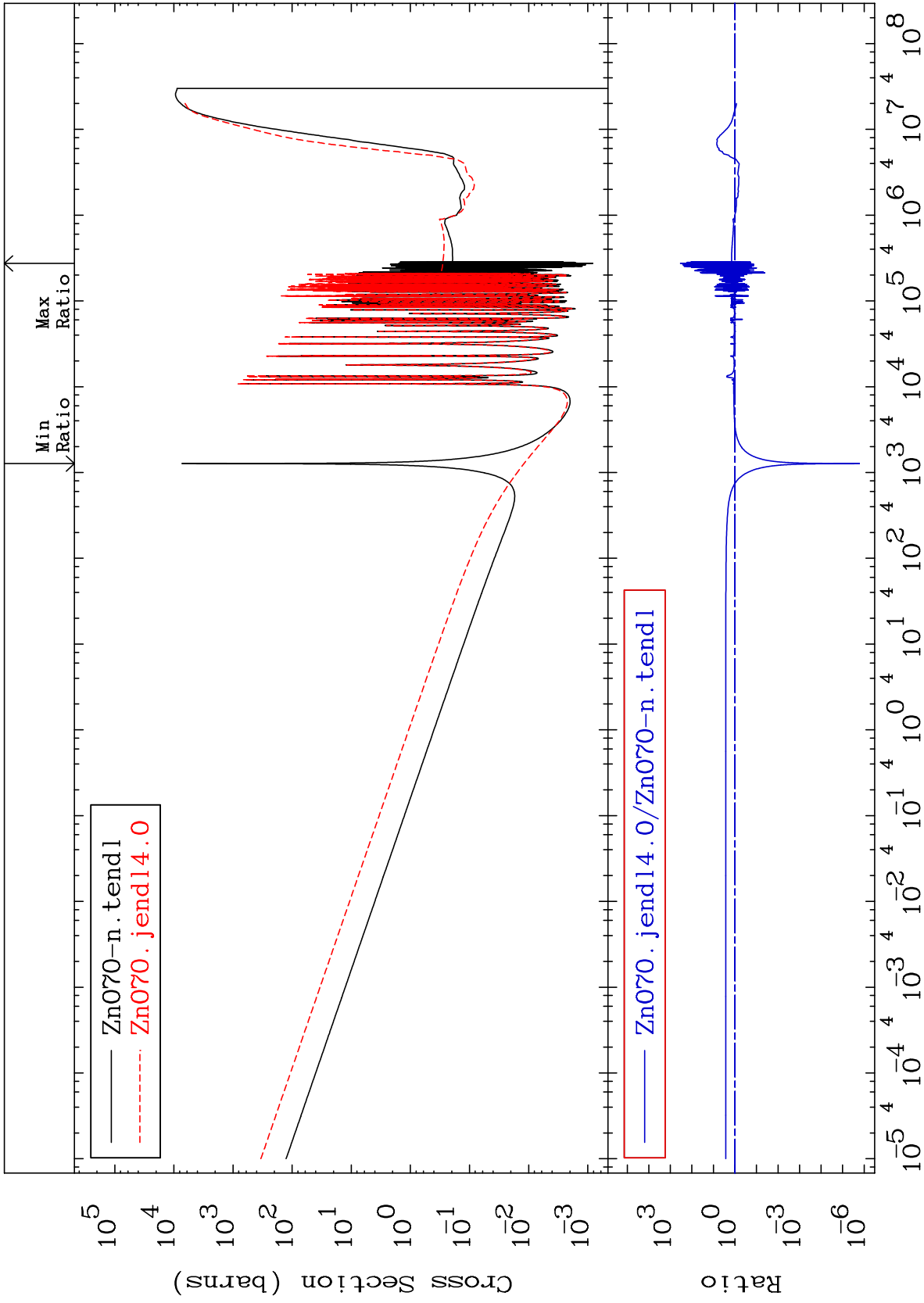




MAT 3043

Dpa disappearance (mt102 -120)
Cross Section

30-Zn-70
-100.0 To 9999. %



Incident Energy (eV)

30-Zn-70

40