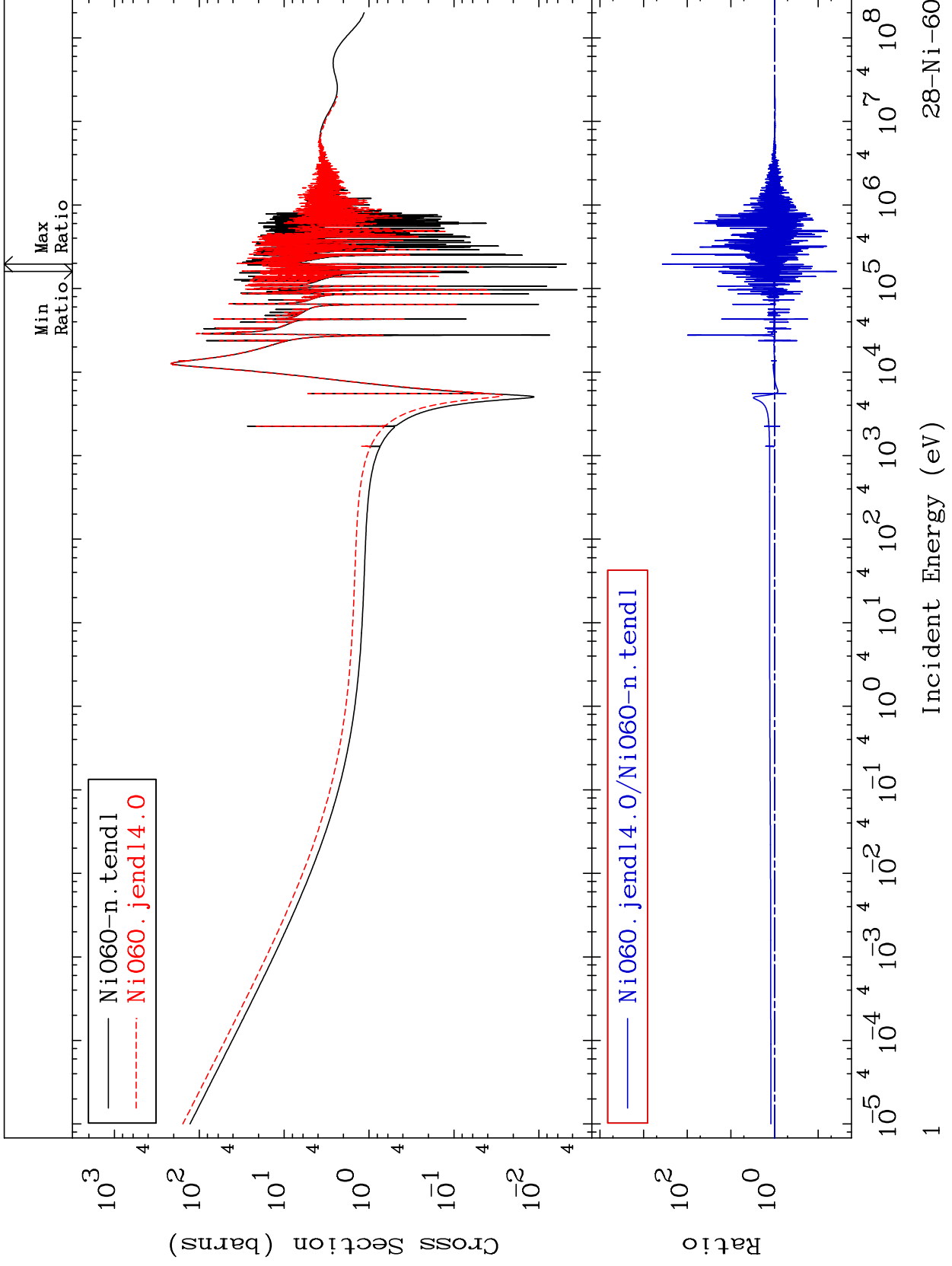


MAT 2831

Total
Cross Section

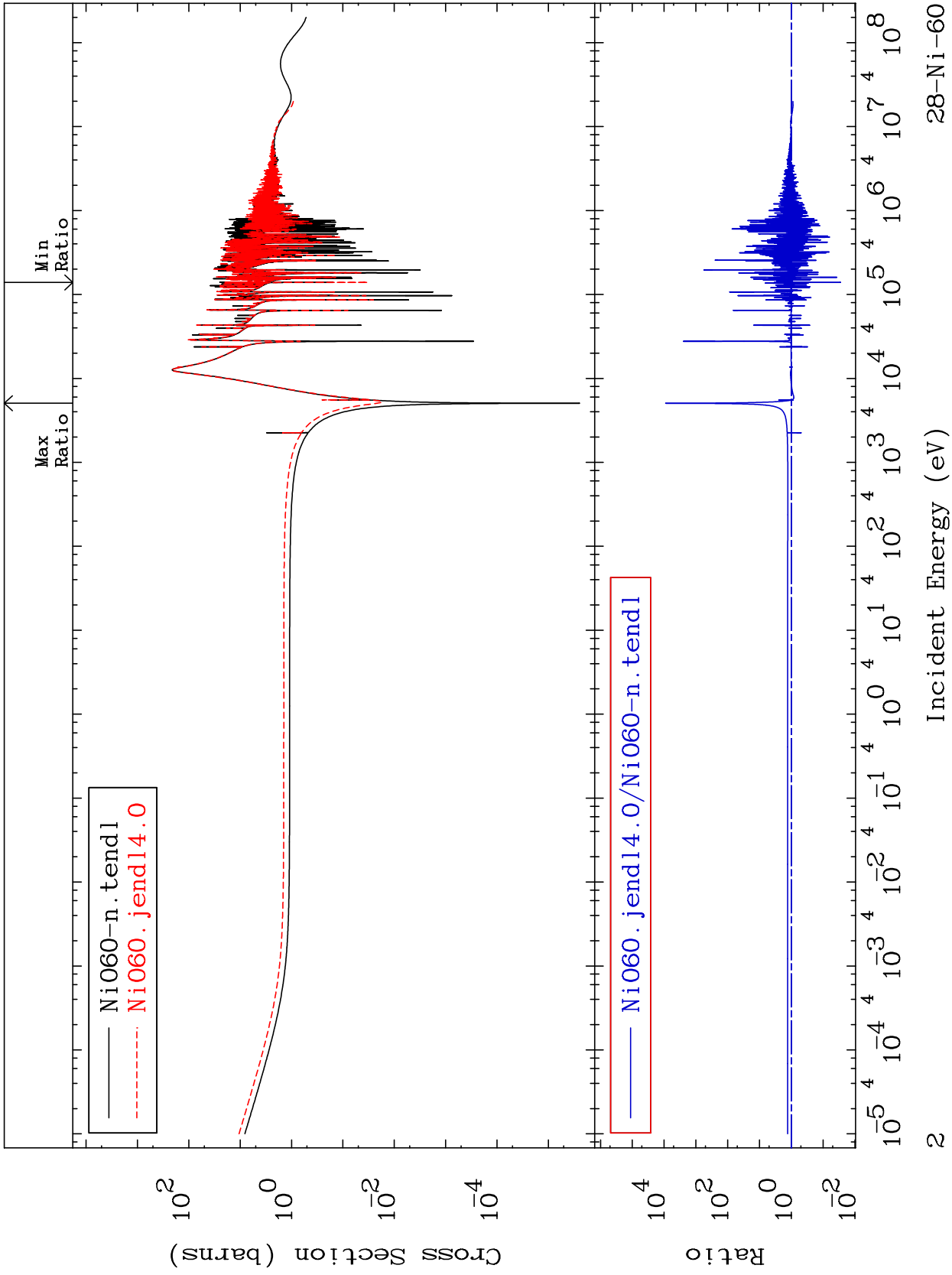
28-Ni-60
-96.24 To 9999. %



MAT 2831

Elastic
Cross Section

28-Ni-60
-97.19 To 9999. %



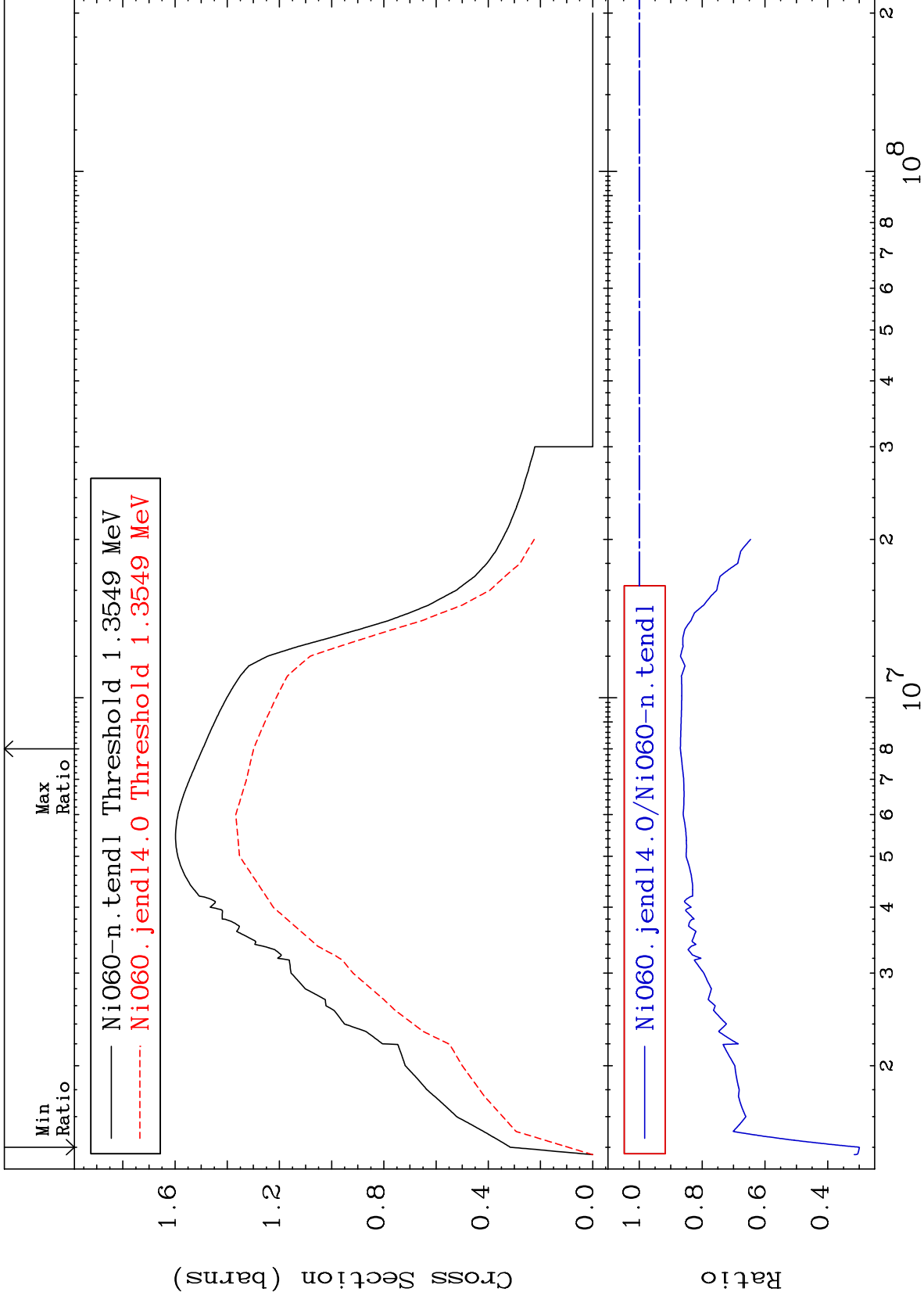
28-Ni-60

Incident Energy (eV)

MAT 2831

Inelastic
Cross Section

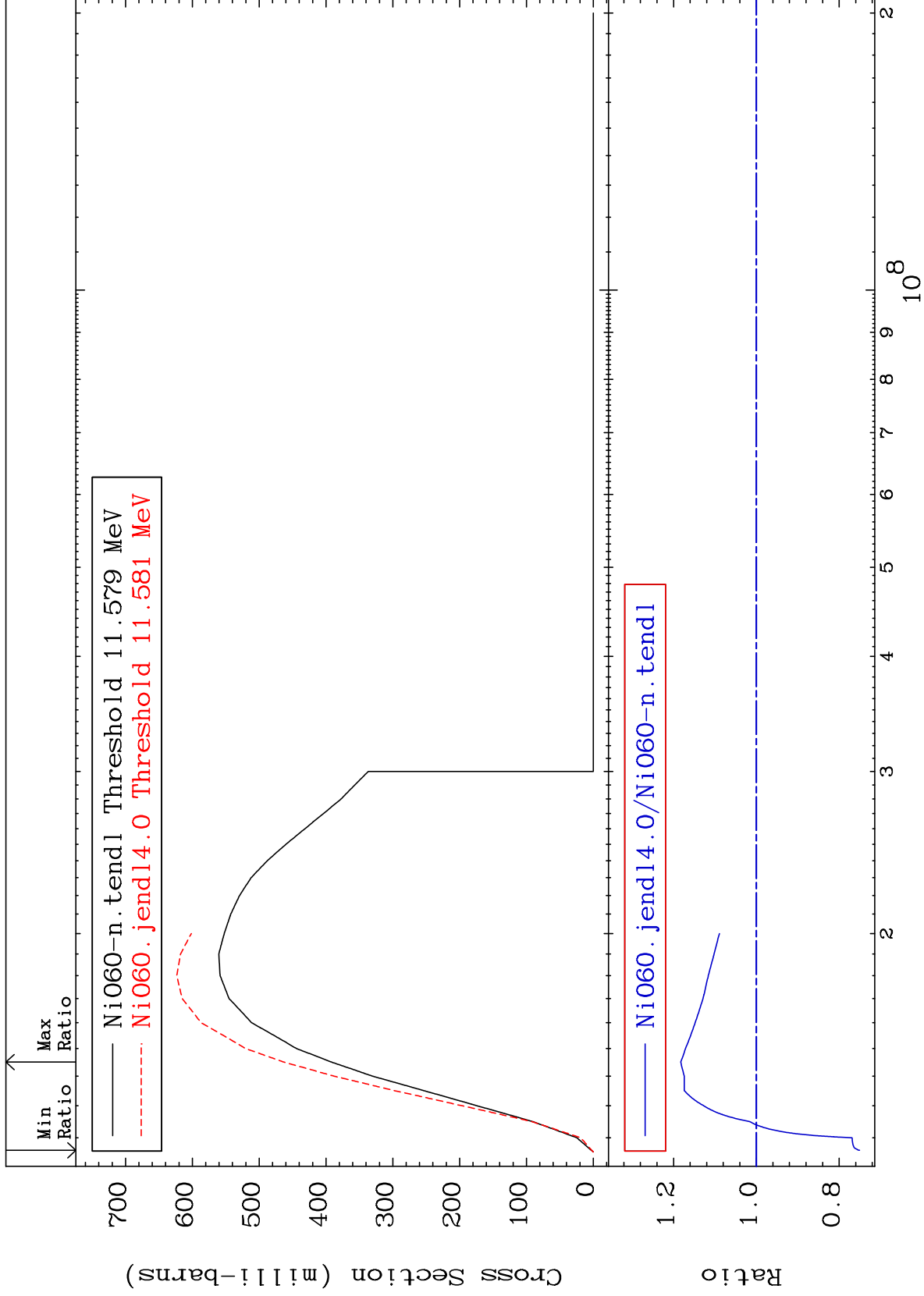
28-Ni-60
-70.06 To -13.07%



MAT 2831

(n,2n)
Cross Section

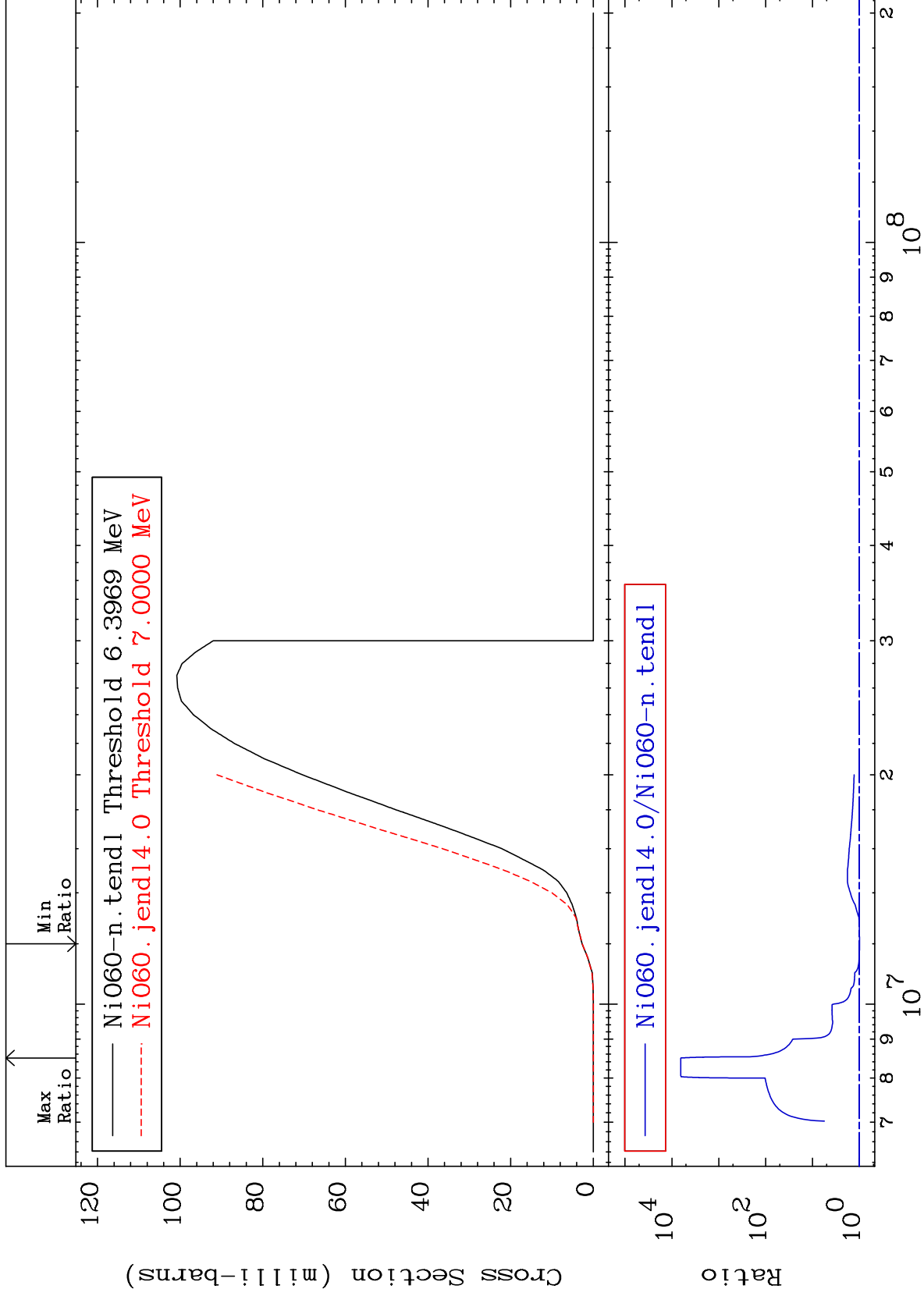
28-Ni-60
-24.92 To 18.26 %



MAT 2831

(n, n') α
Cross Section

28-Ni-60
-0.913 To 9999. %



5

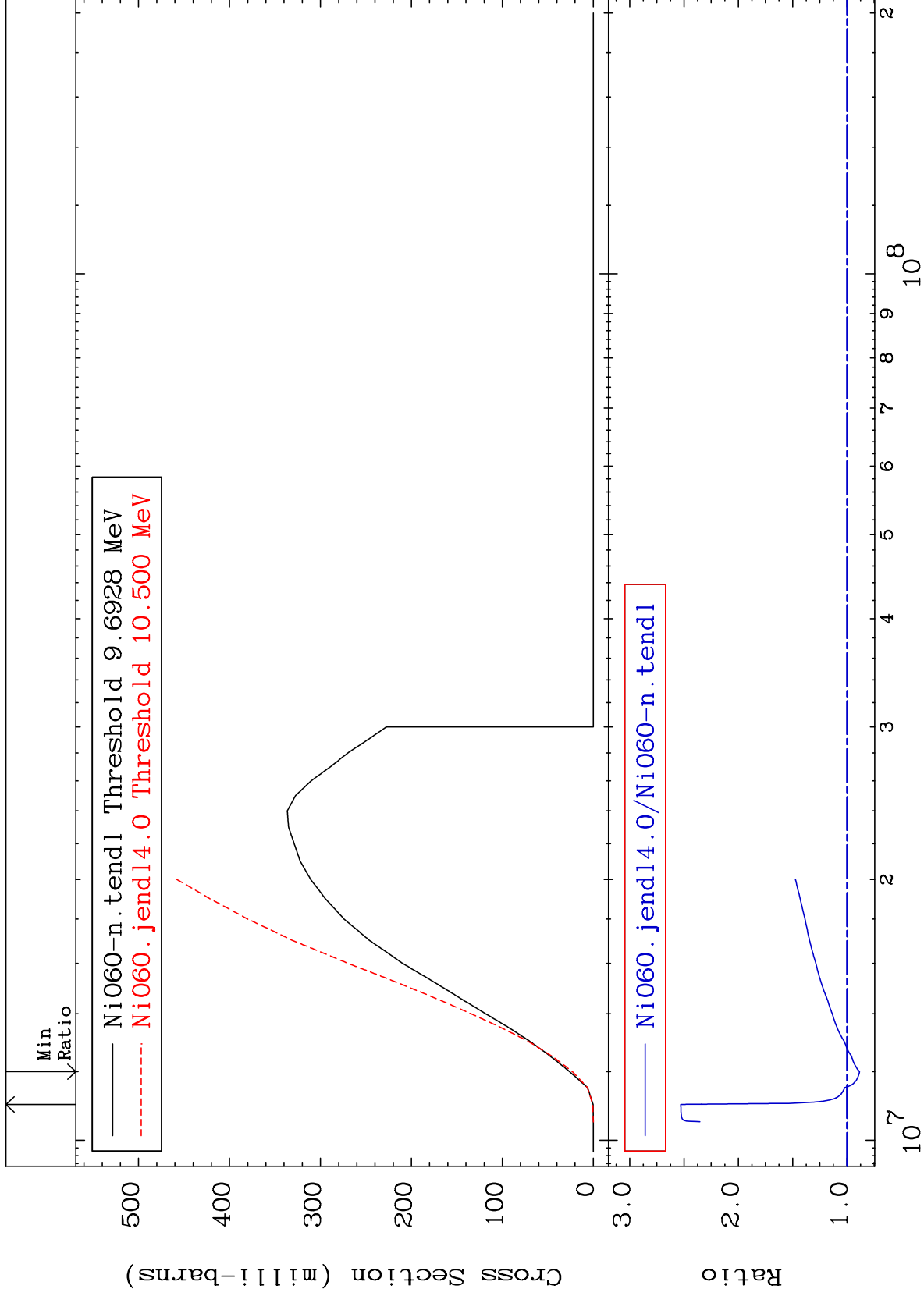
Incident Energy (eV)

28-Ni-60

MAT 2831

(n,n') p
Cross Section

28-Ni-60
-11.58 To 153.0 %



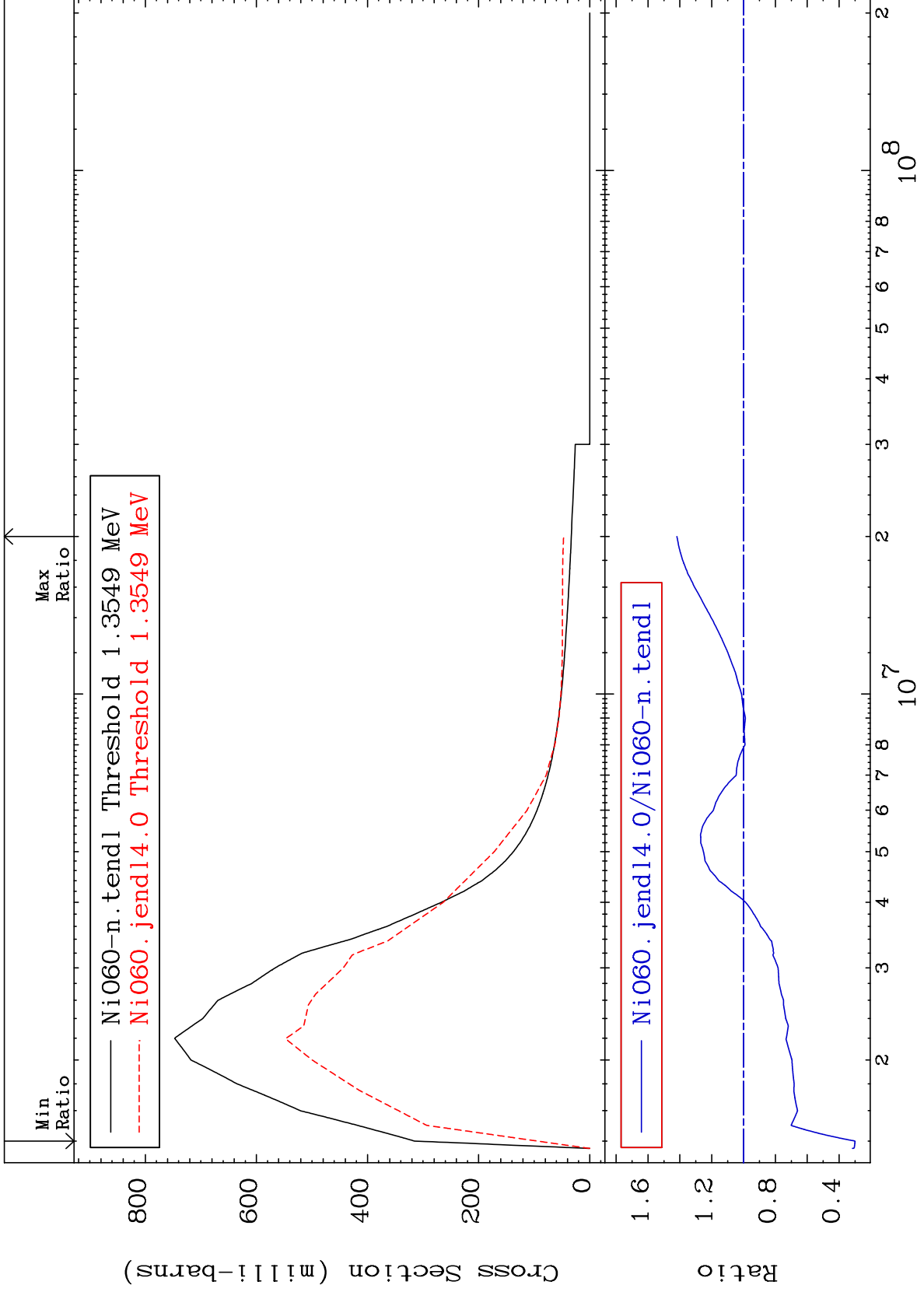
Incident Energy (eV)

28-Ni-60

MAT 2831

1.333 MeV (n,n') Level
Cross Section

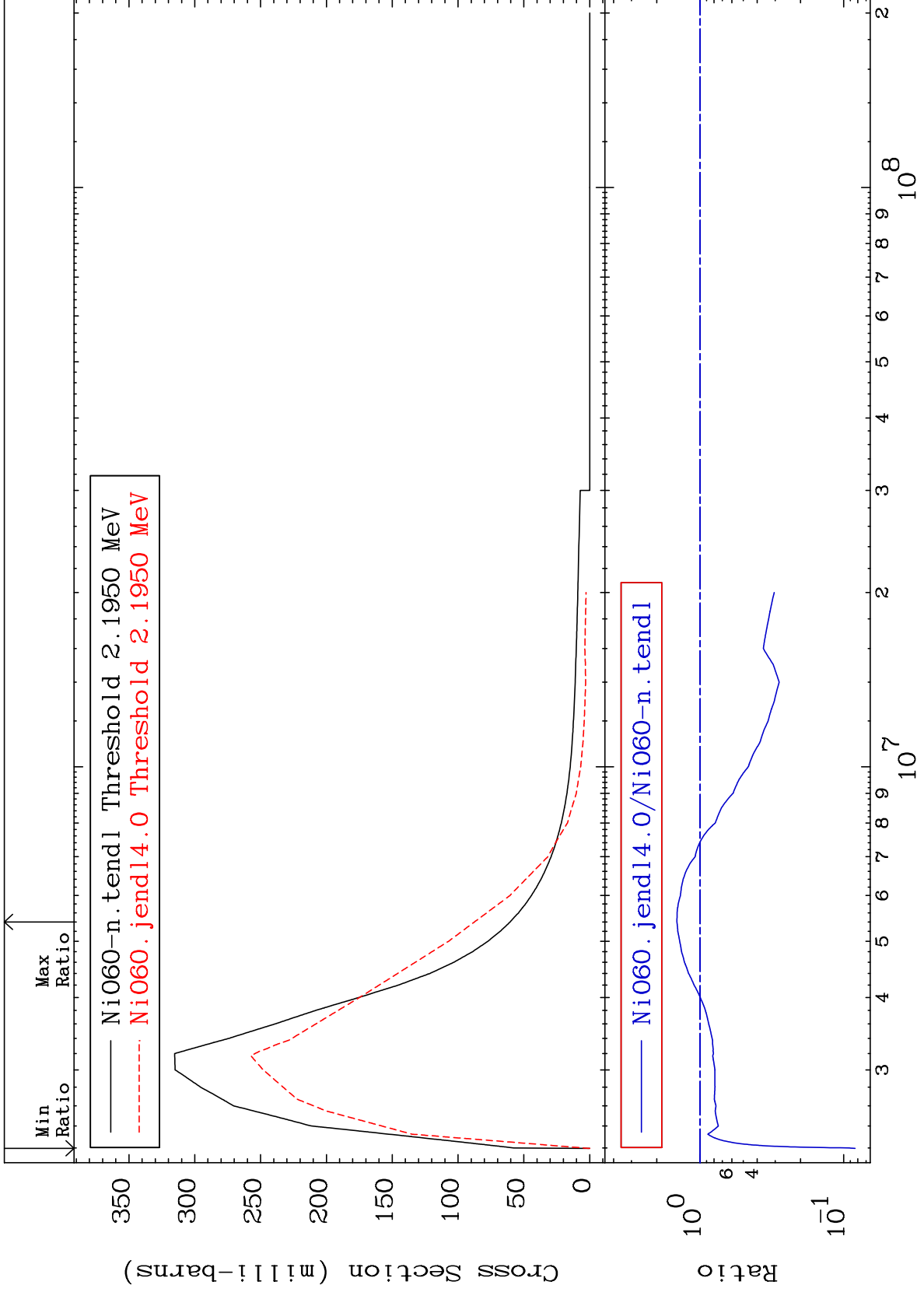
28-Ni-60
-70.06 To 41.84 %



MAT 2831

2.159 MeV (n,n') Level
Cross Section

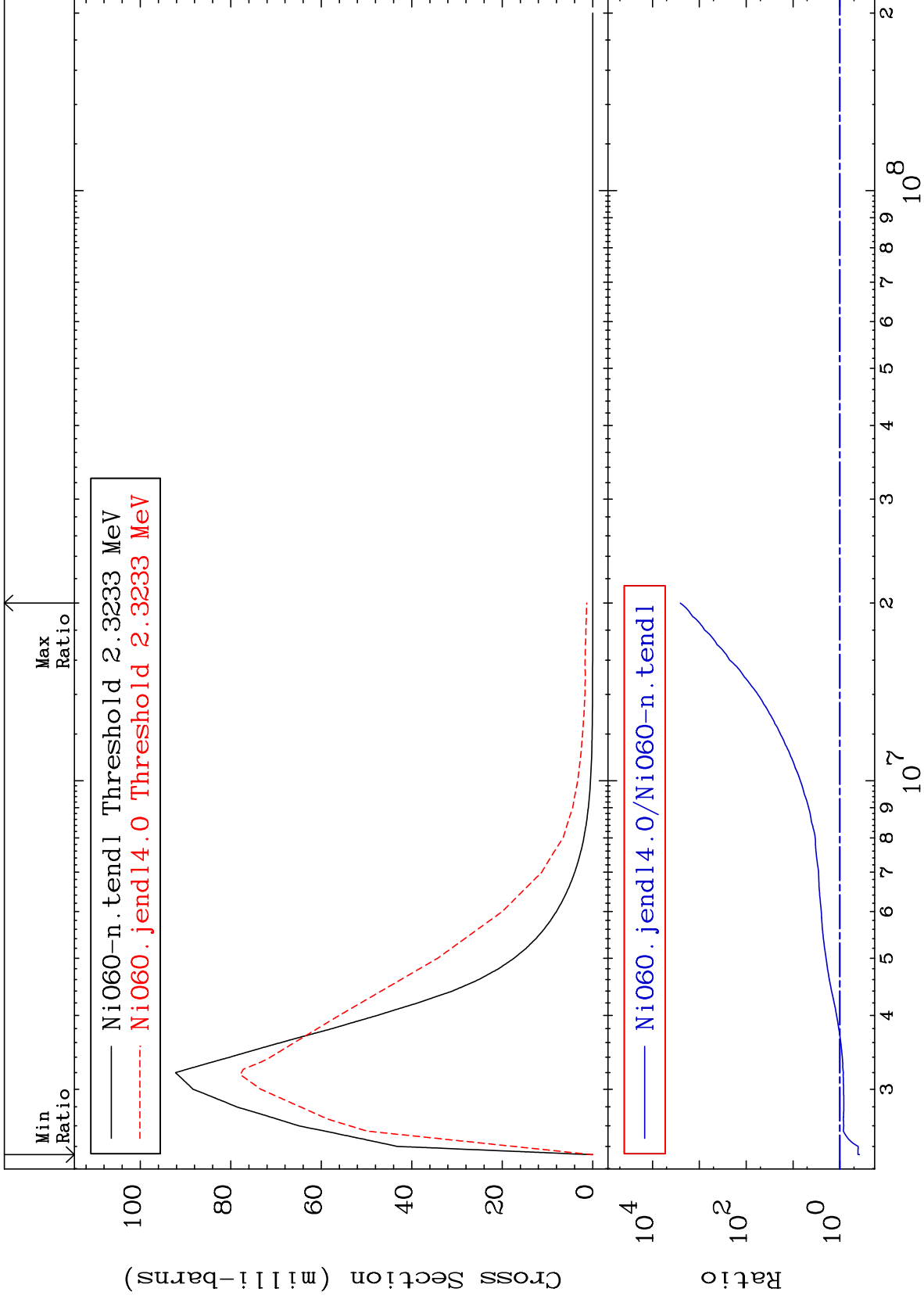
28-Ni-60
-91.66 To 44.89 %



MAT 2831

2.285 MeV (n,n') Level
Cross Section

28-Ni-60
-61.80 To 9999. %

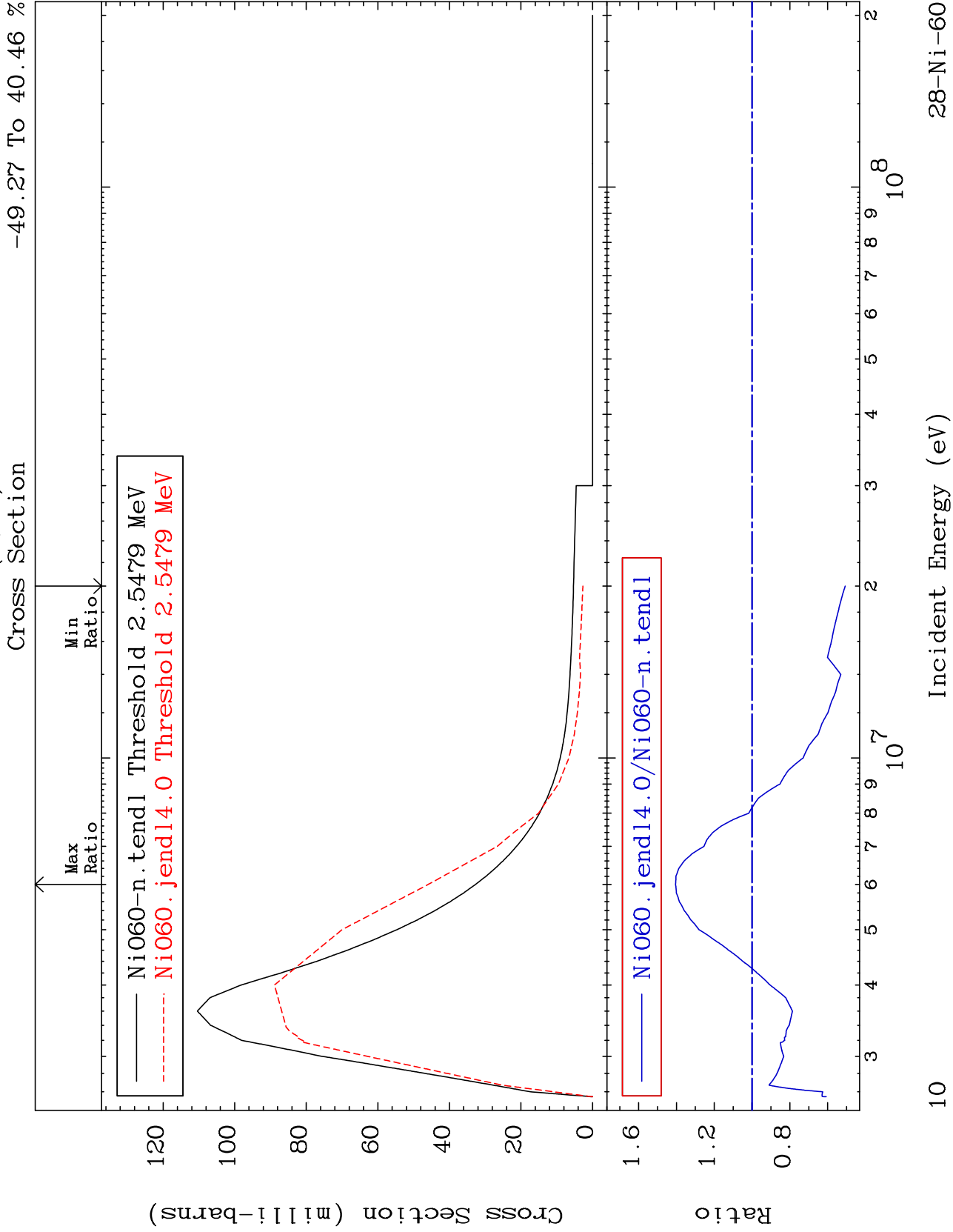


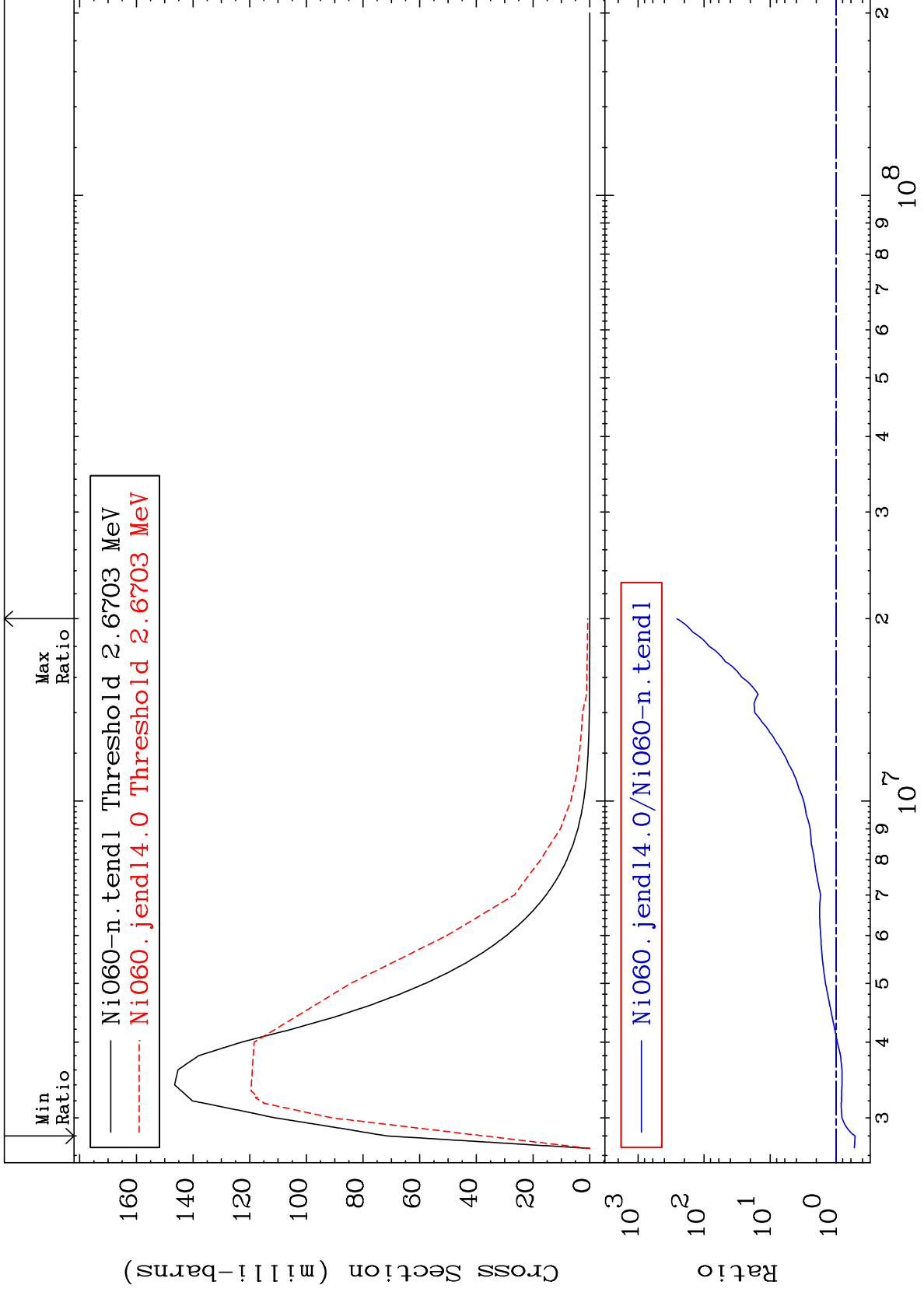
MAT 2831

2.506 MeV (n,n') Level

²⁸Ni-60

-49.27 To 40.46 %

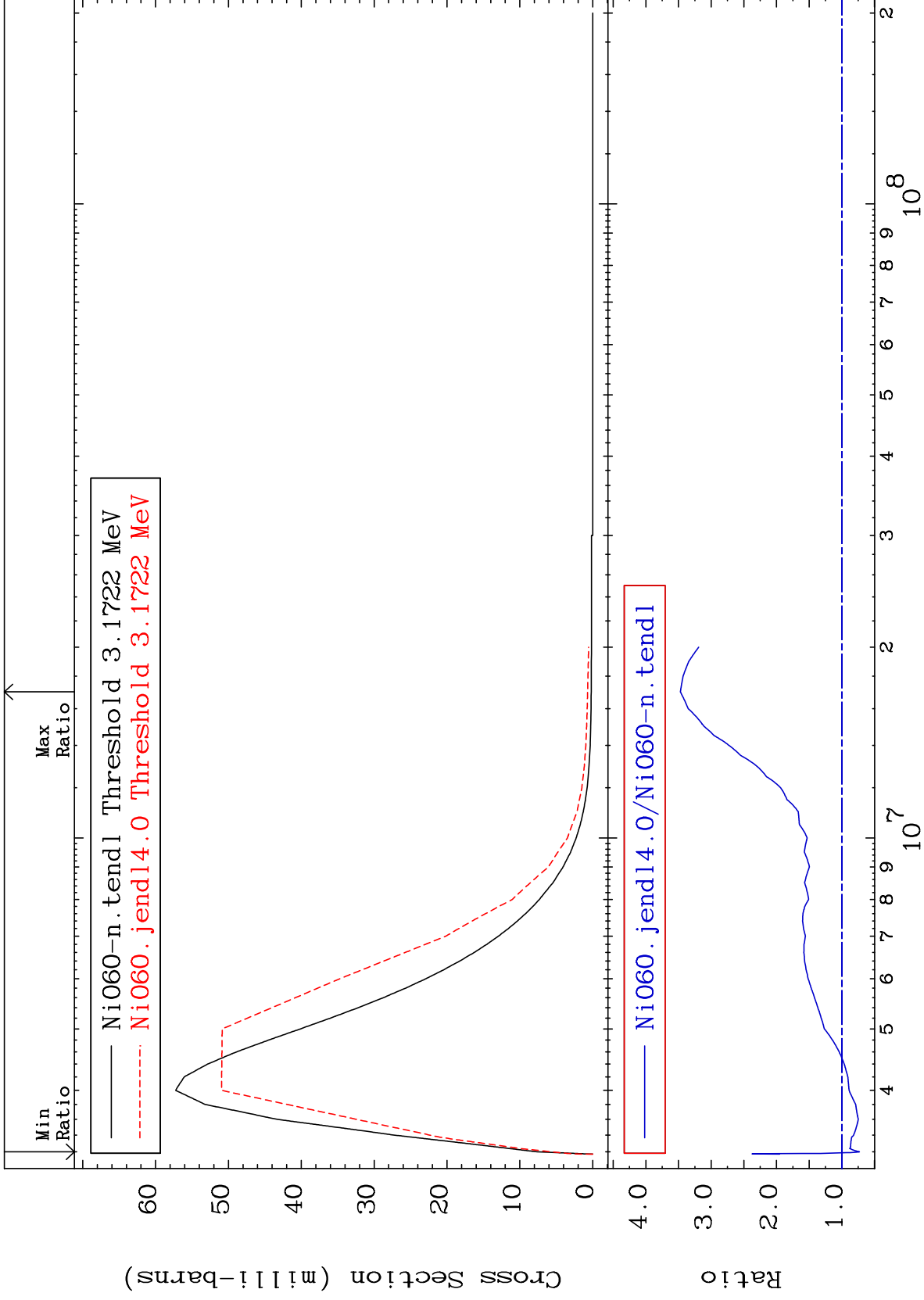




MAT 2831

3.120 MeV (n,n') Level
Cross Section

28-Ni-60
-26.93 To 247.2 %



12

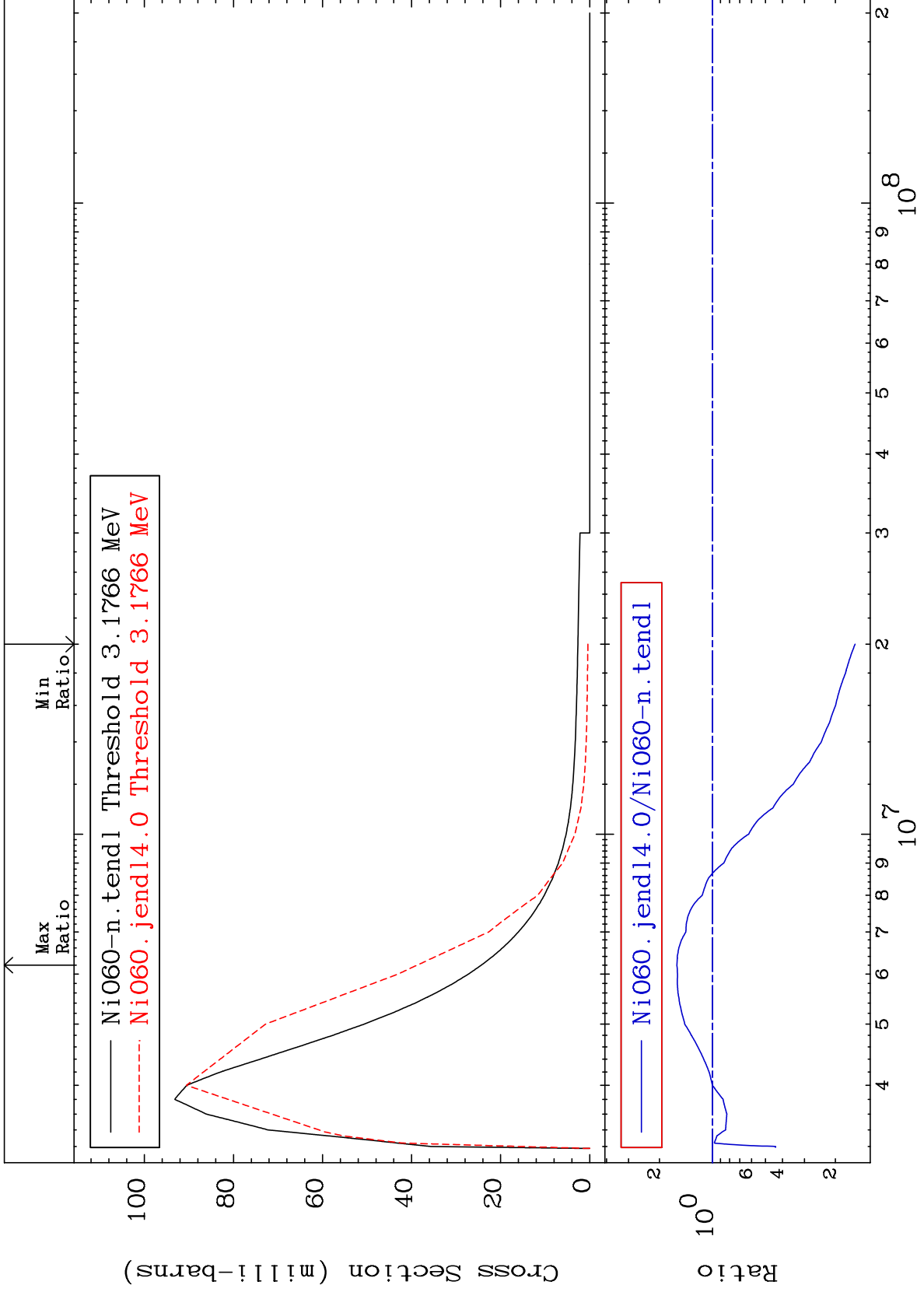
Incident Energy (eV)

28-Ni-60

MAT 2831

3.124 MeV (n,n') Level
Cross Section

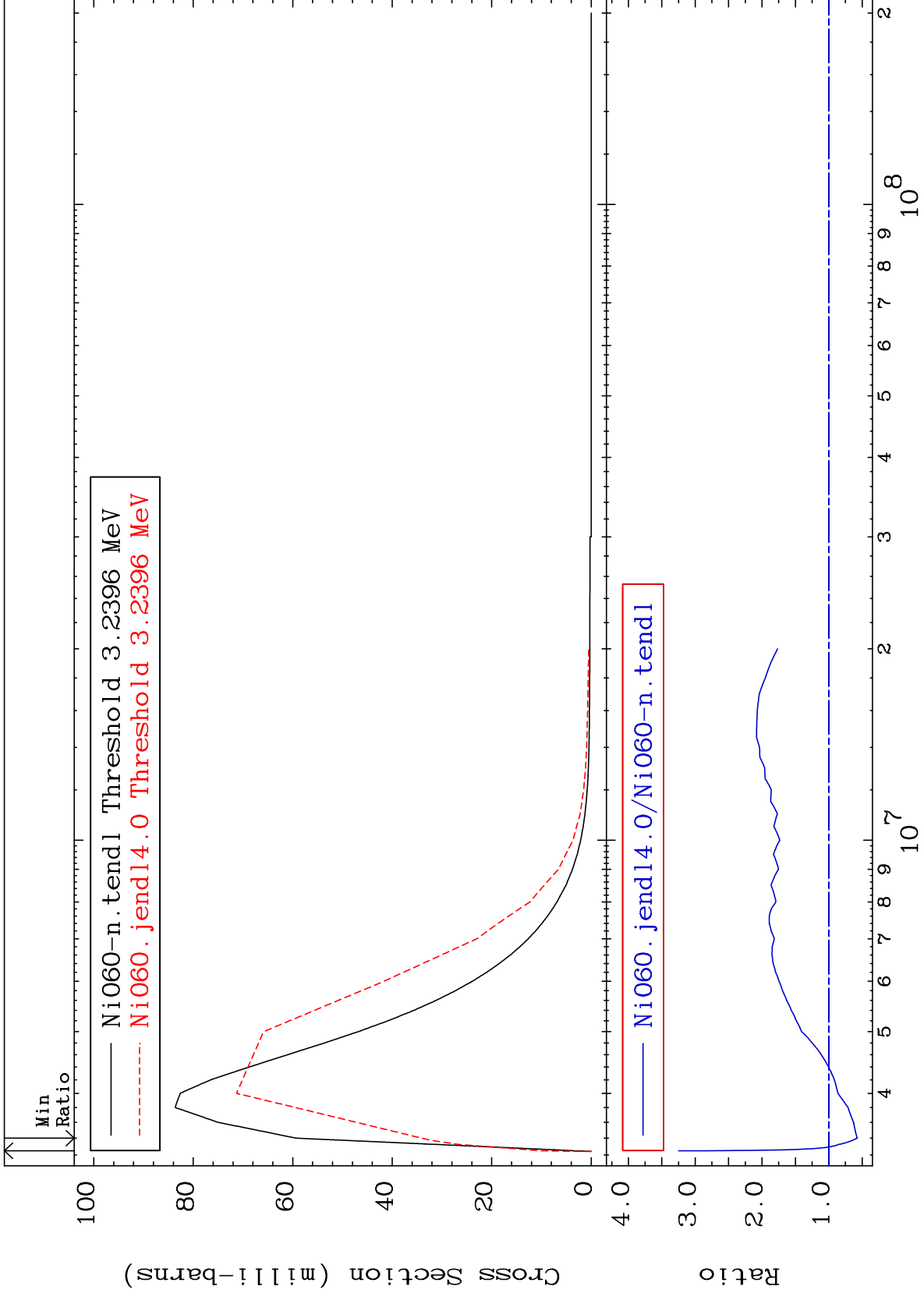
28-Ni-60
-84.53 To 59.27 %



MAT 2831

3.186 MeV (n,n') Level
Cross Section

28-Ni-60
-42.67 To 224.8 %



14

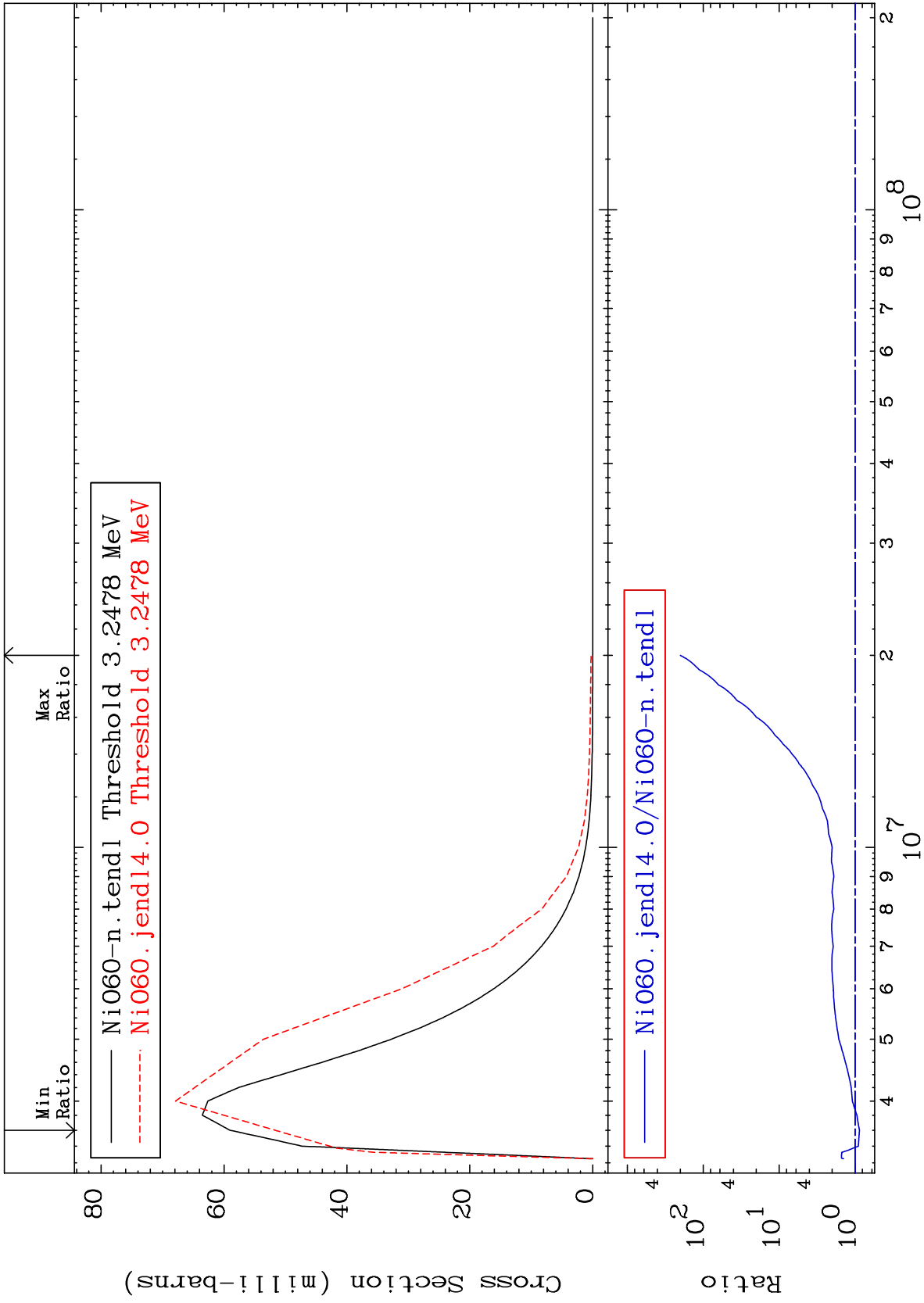
Incident Energy (eV)

28-Ni-60

MAT 2831

3.194 MeV (n,n') Level
Cross Section

28-Ni-60
-12.51 To 9999. %



15

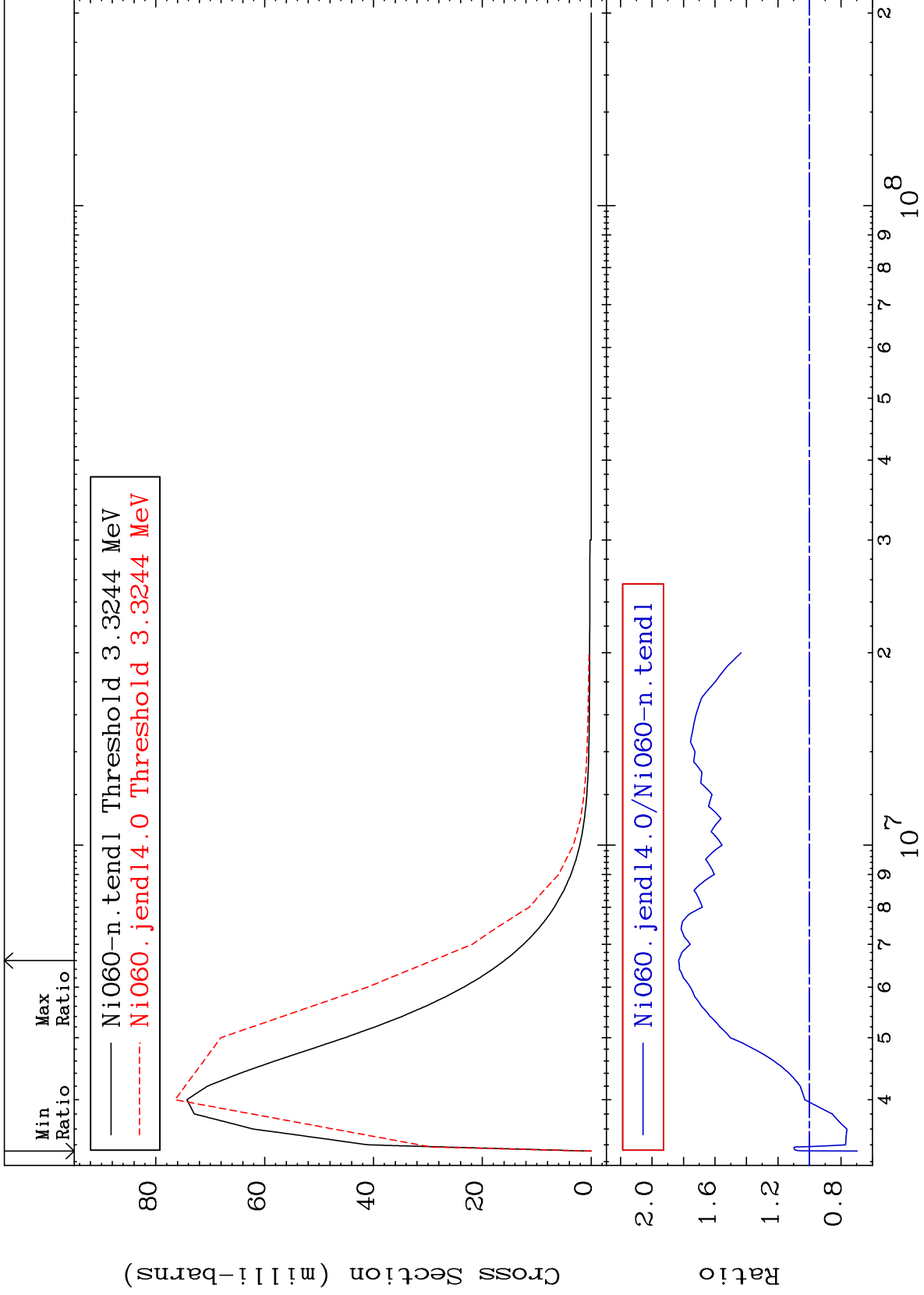
Incident Energy (eV)

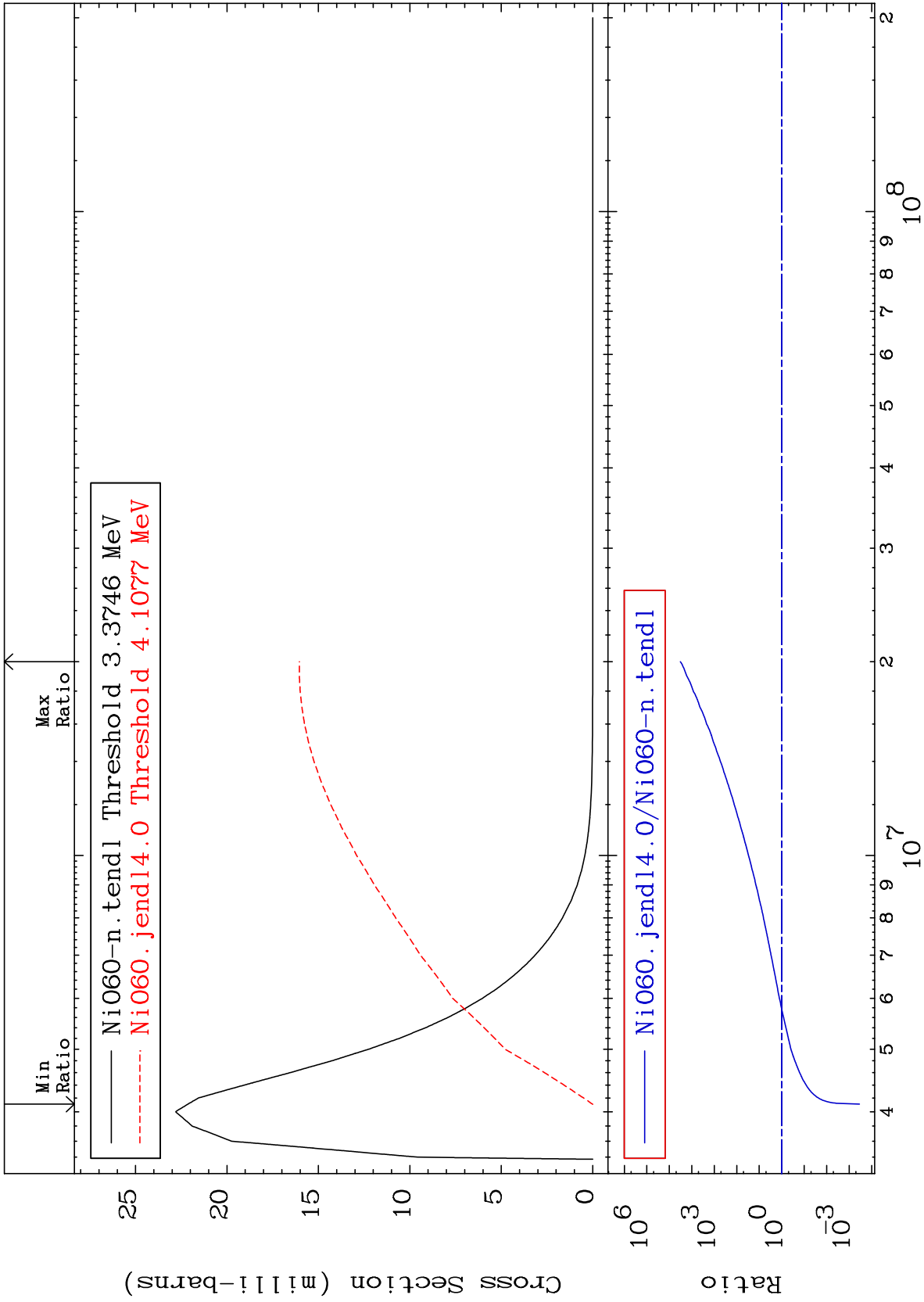
28-Ni-60

MAT 2831

3.269 MeV (n,n') Level
Cross Section

28-Ni-60
-30.37 To 83.11 %

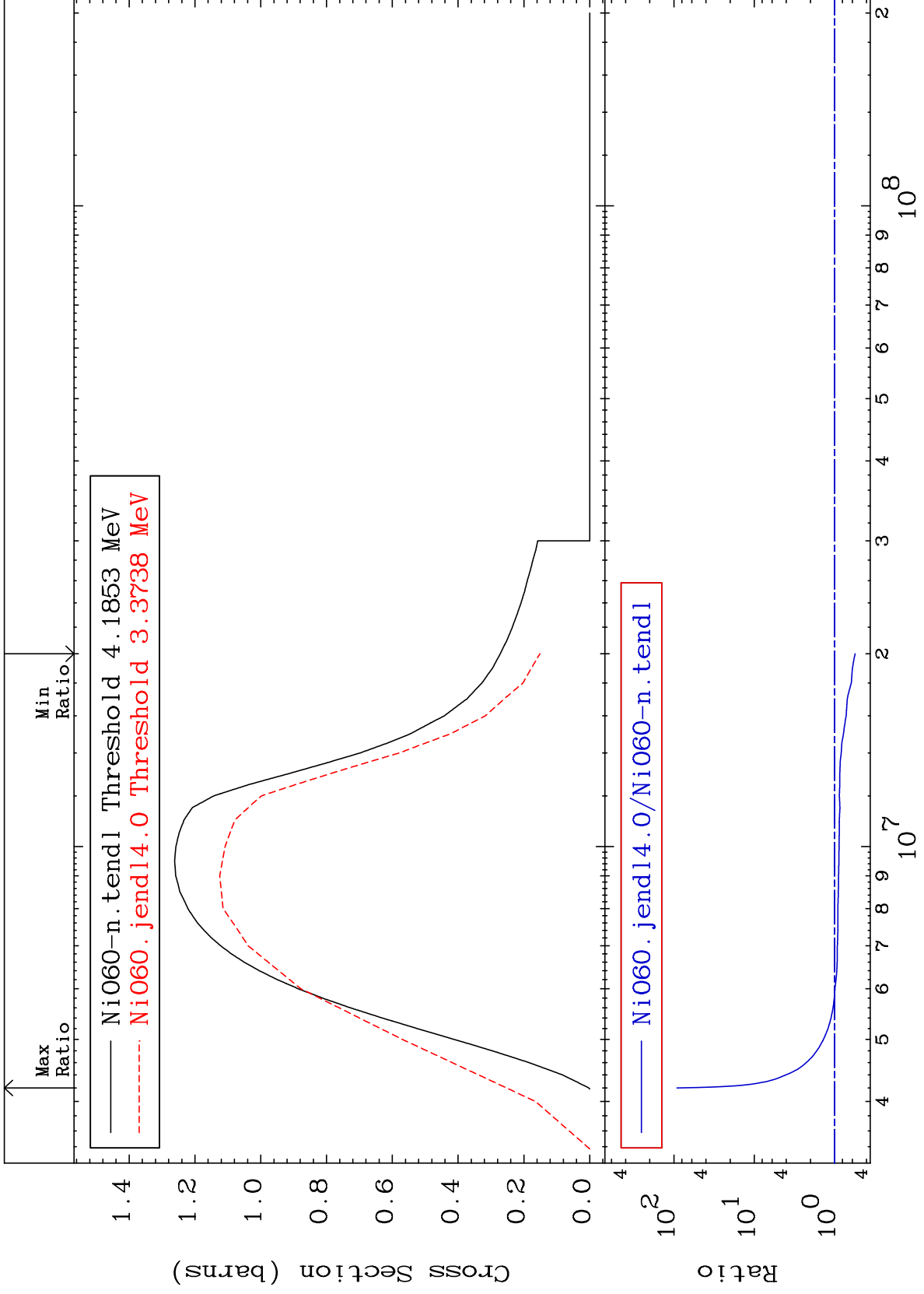




MAT 2831

(n, n') Continuum
Cross Section

28-Ni-60
-44.37 To 9091. %



18

Incident Energy (eV)

28-Ni-60

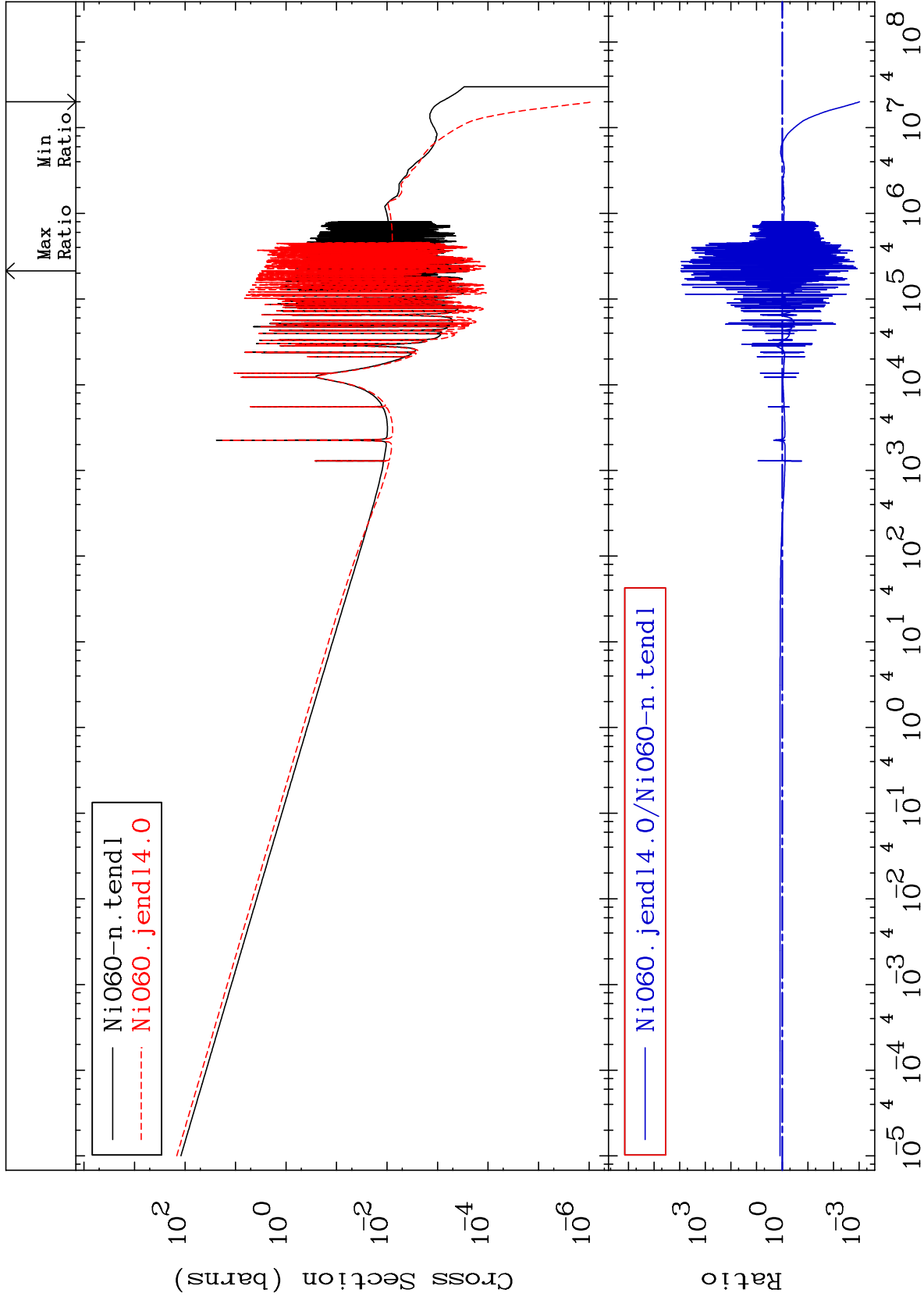
MAT 2831

(n, γ)

28-Ni-60

Cross Section

-99.90 To 9999. %



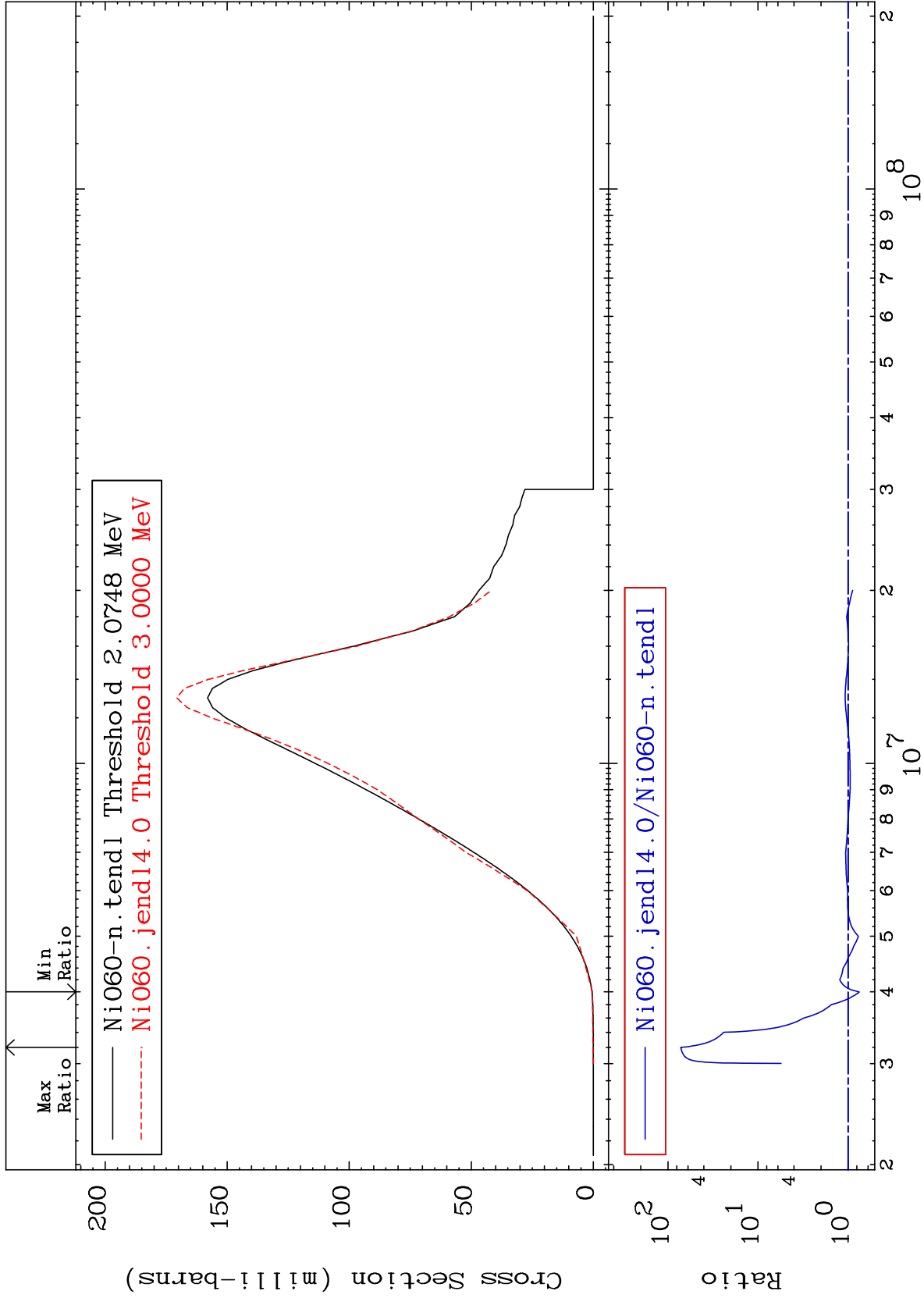
MAT 2831

(n,p)

28-Ni-60

Cross Section

-25.29 To 7106. %



20

Incident Energy (eV)

28-Ni-60

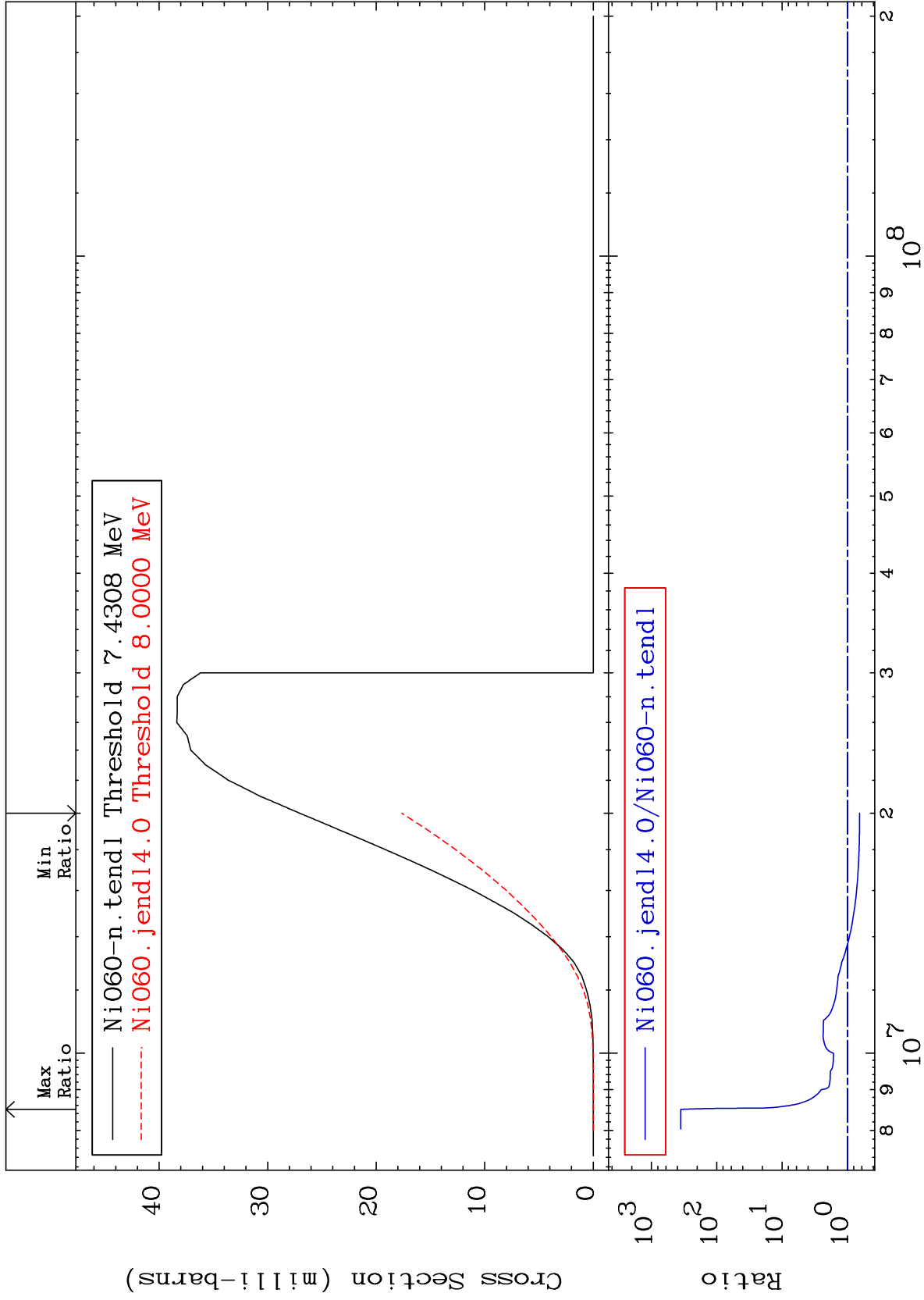
MAT 2831

(n, d)

28-Ni-60

Cross Section

-34.80 To 9999. %



21

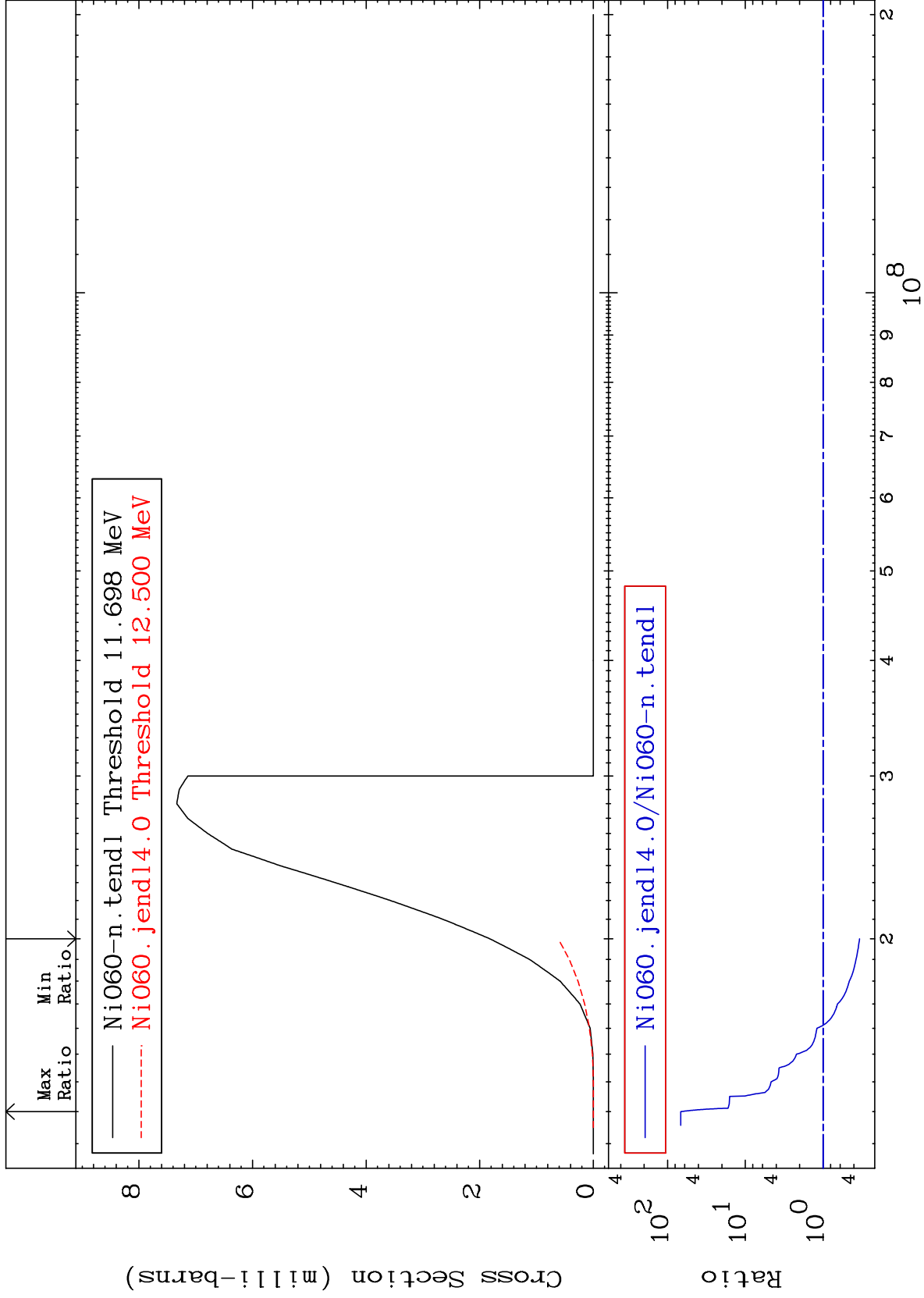
Incident Energy (eV)

28-Ni-60

MAT 2831

(n, t)
Cross Section

28-Ni-60
-66.10 To 6653. %



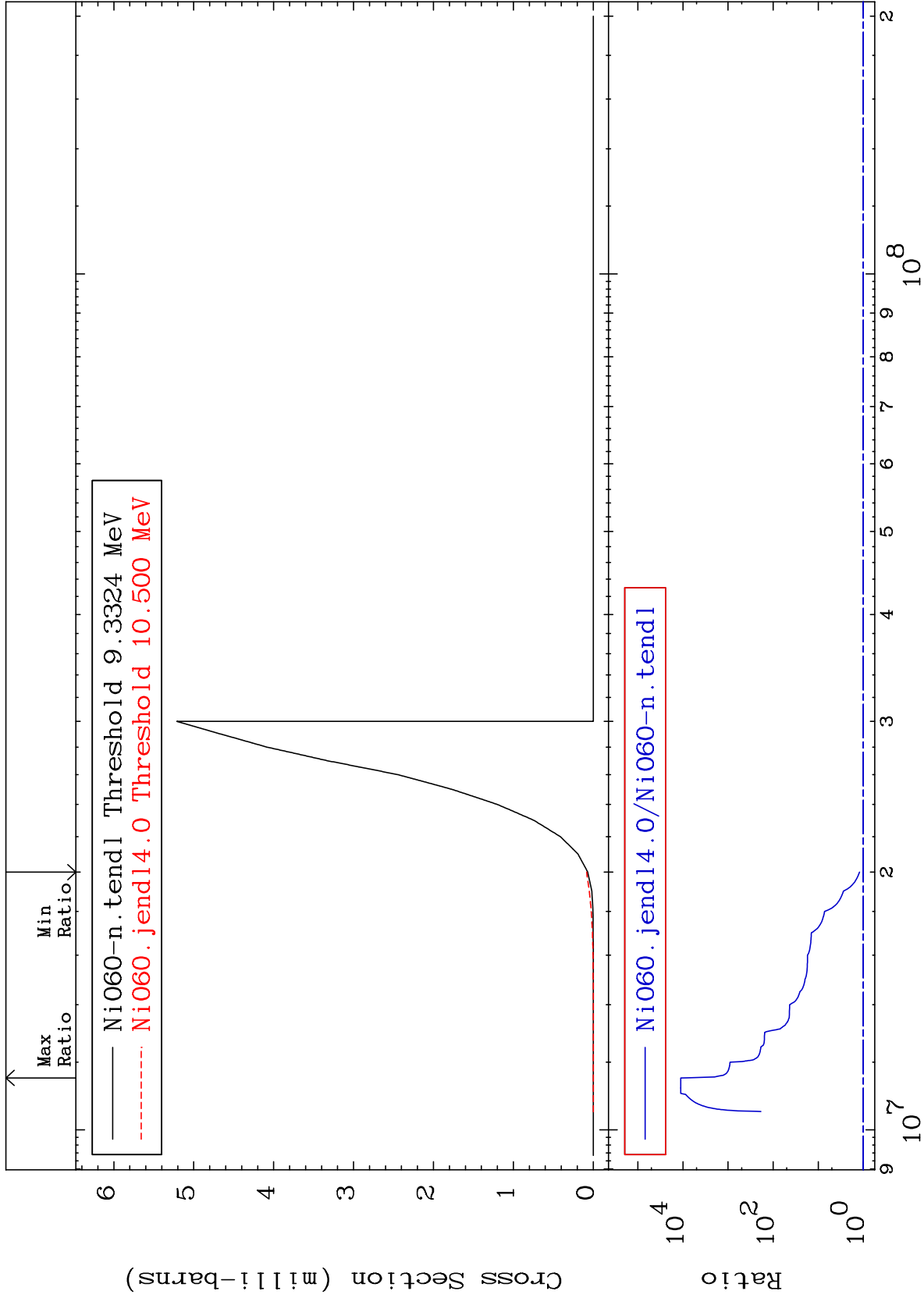
MAT 2831

(n,He-3)

28-Ni-60

Cross Section

21.55 To 9999. %



23

28-Ni-60

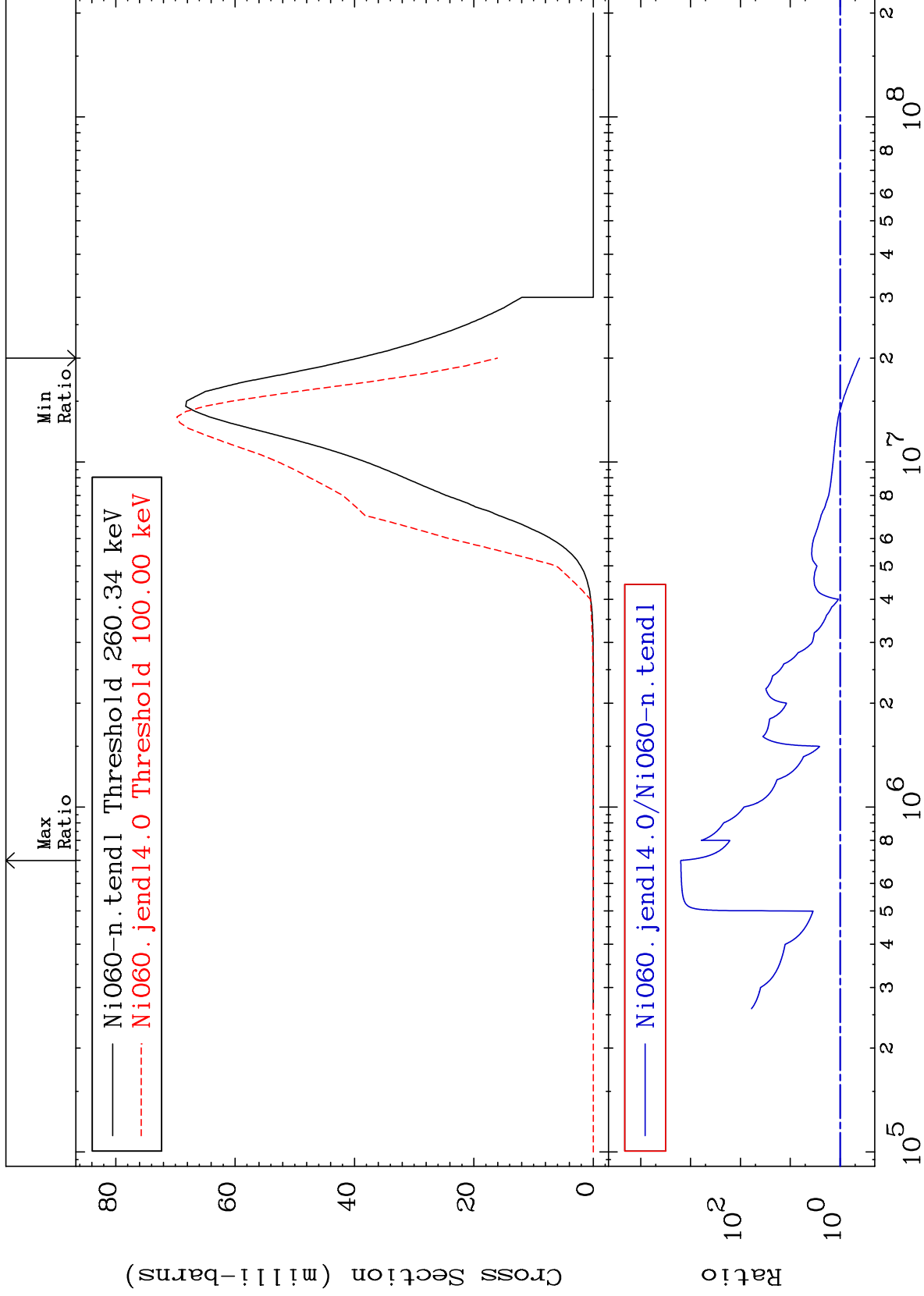
MAT 2831

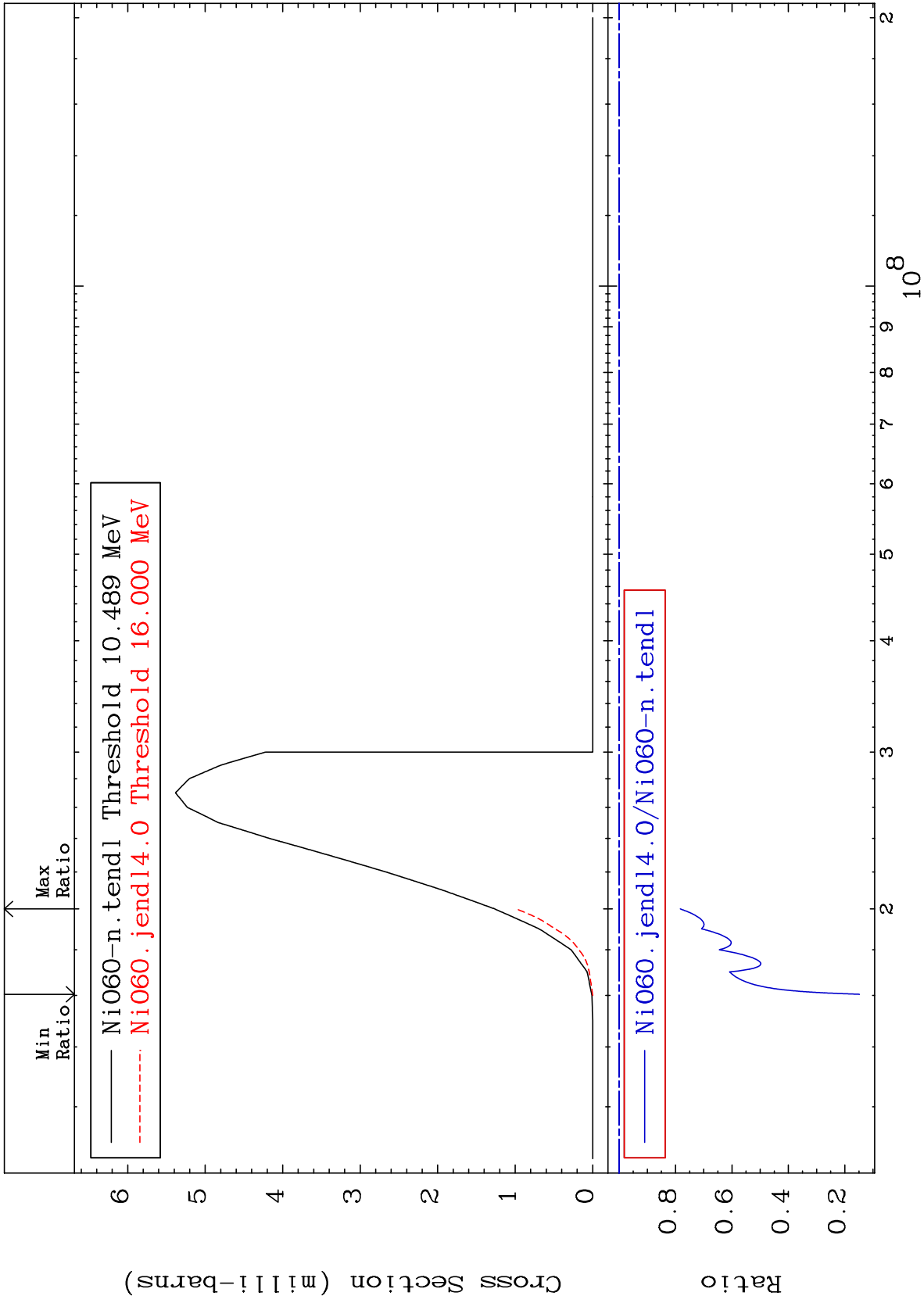
(n, α)

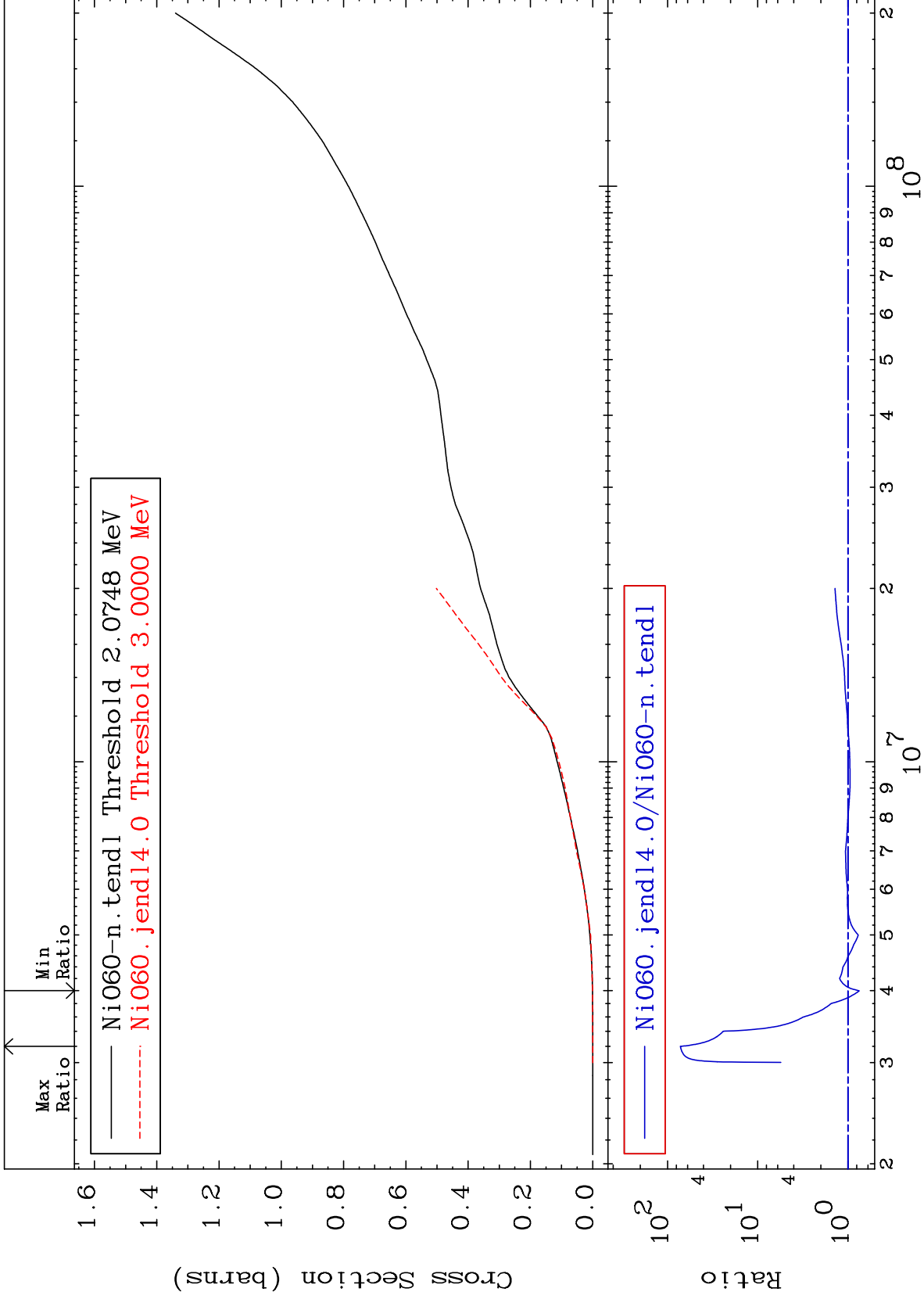
28-Ni-60

Cross Section

-59.16 To 9999. %



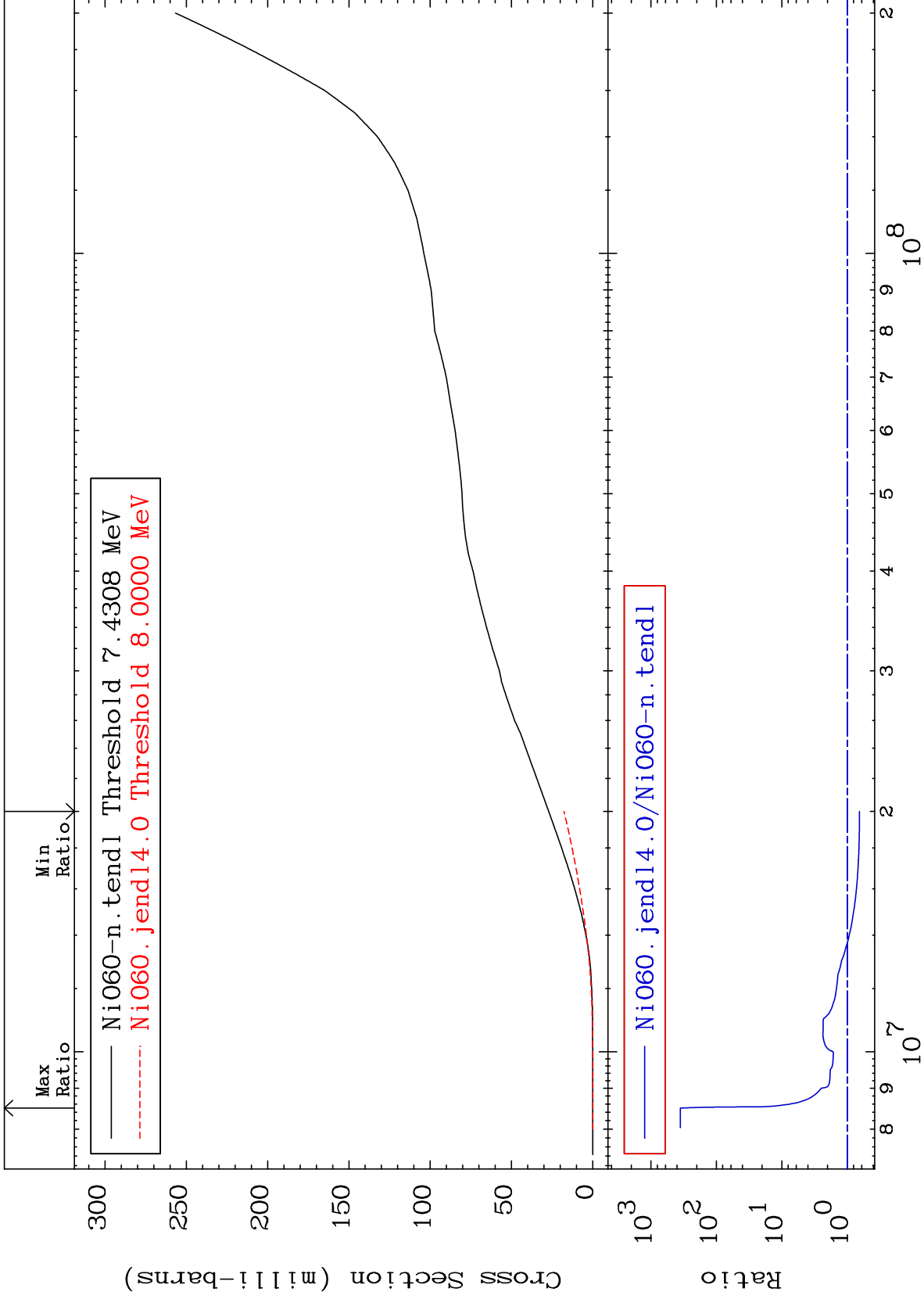




MAT 2831

Deuterium Production
Cross Section

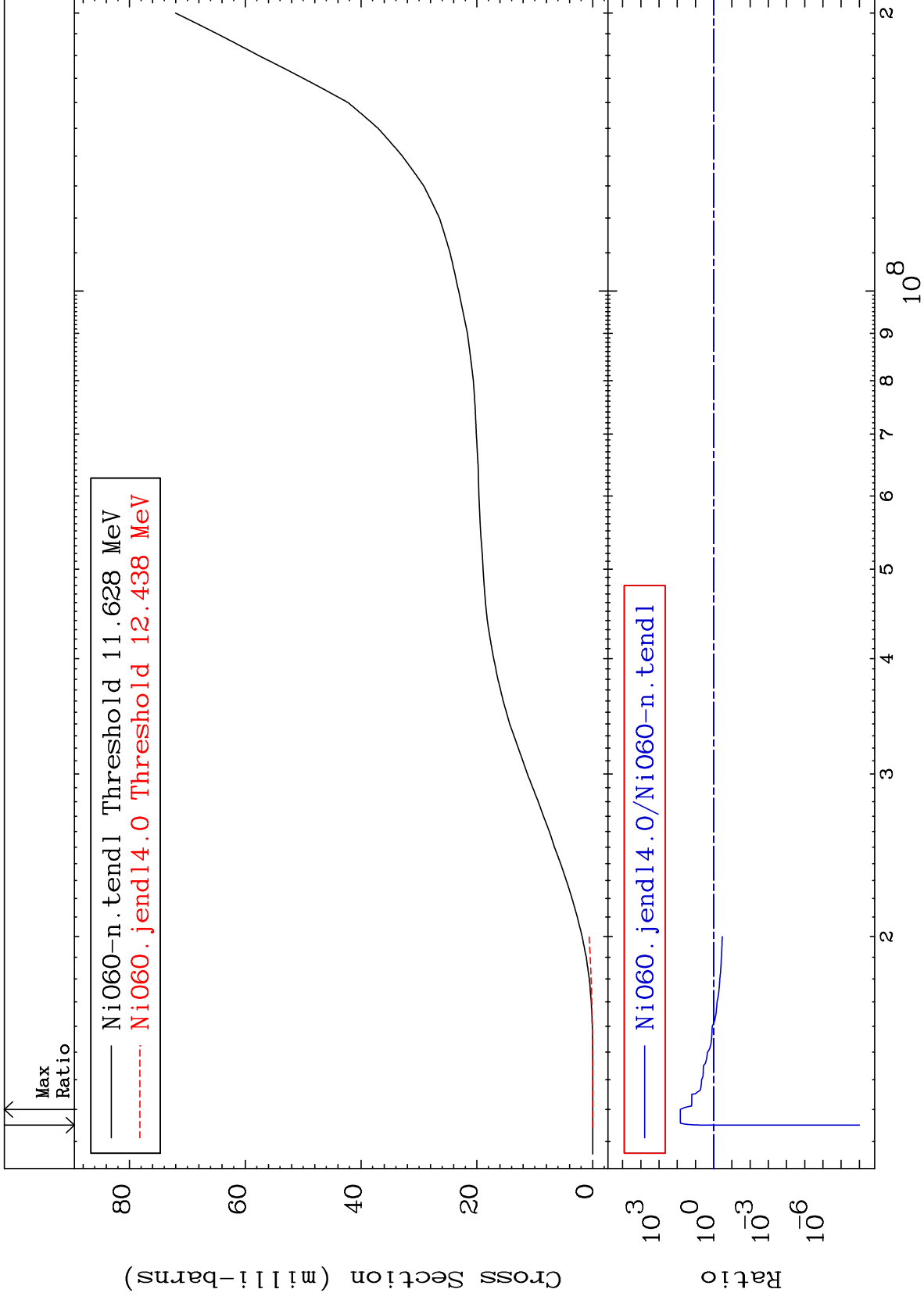
28-Ni-60
-34.85 To 9999. %



27

Incident Energy (eV)

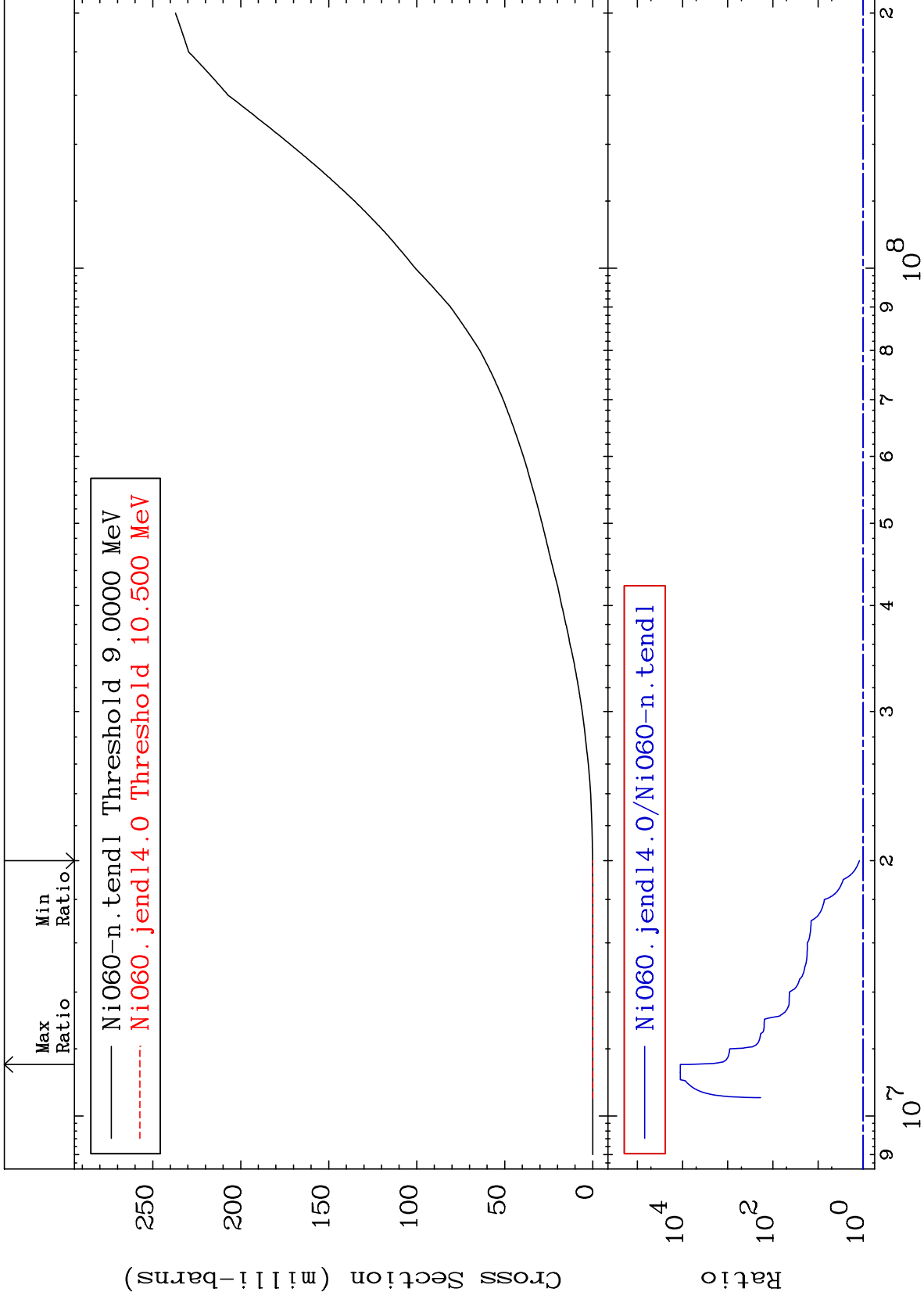
28-Ni-60



MAT 2831

He-3 Production
Cross Section

28-Ni-60
21.55 To 9999. %



29

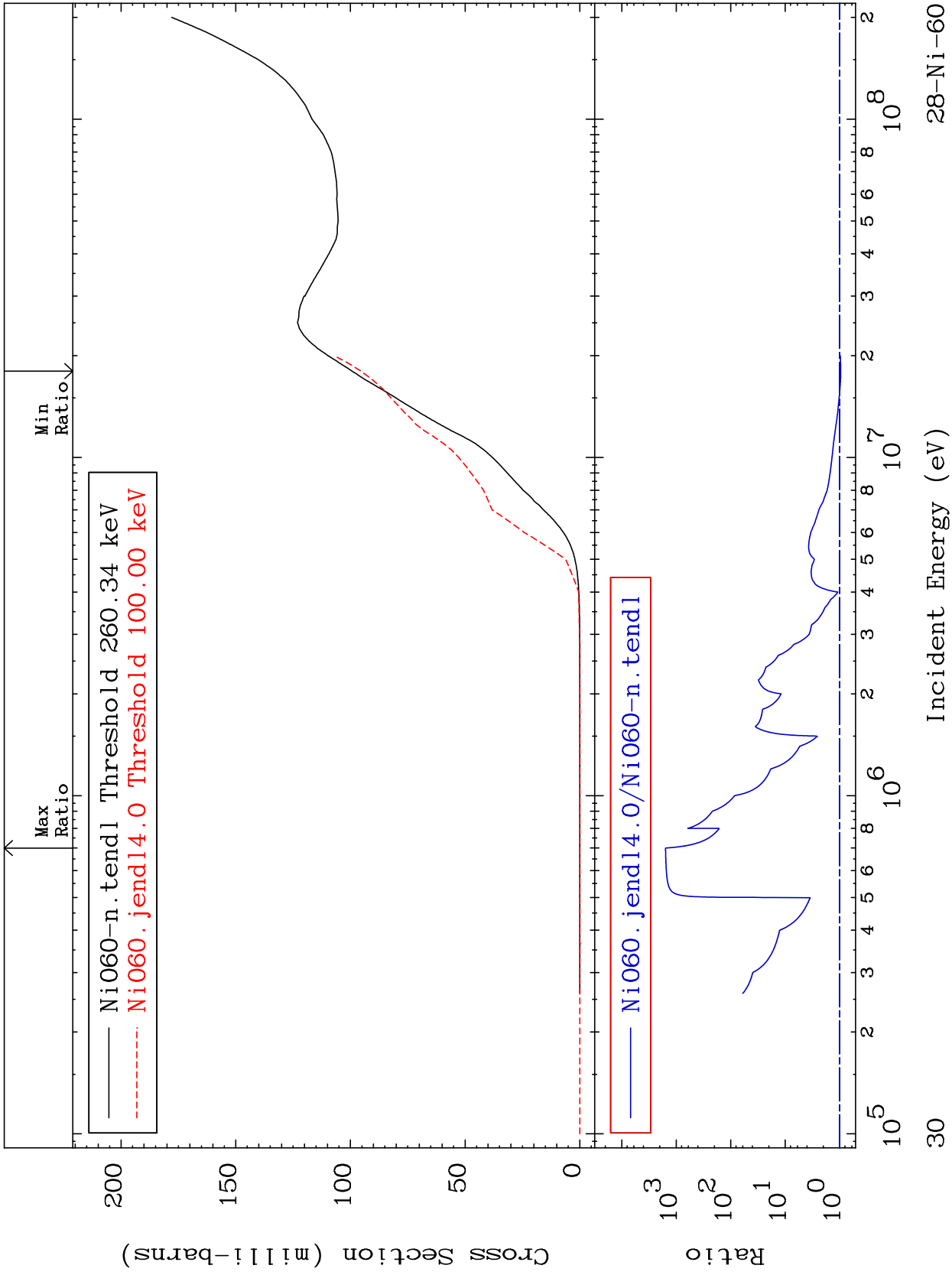
Incident Energy (eV)

28-Ni-60

MAT 2831

He-4 Production
Cross Section

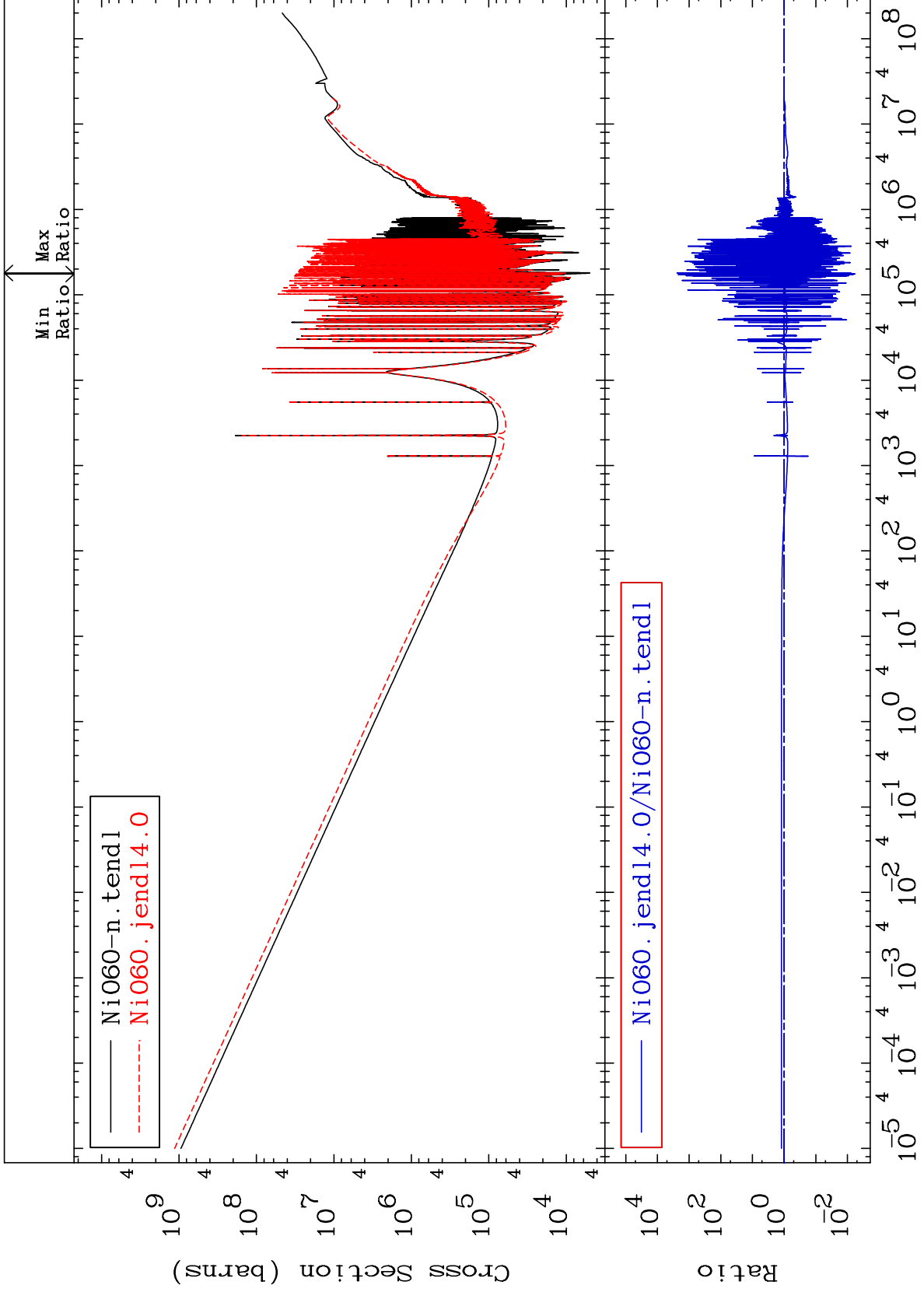
28-Ni-60
-3.869 To 9999. %



MAT 2831

Kerma total (eV-barns)
Cross Section

28-Ni-60
-99.43 To 9999. %



31

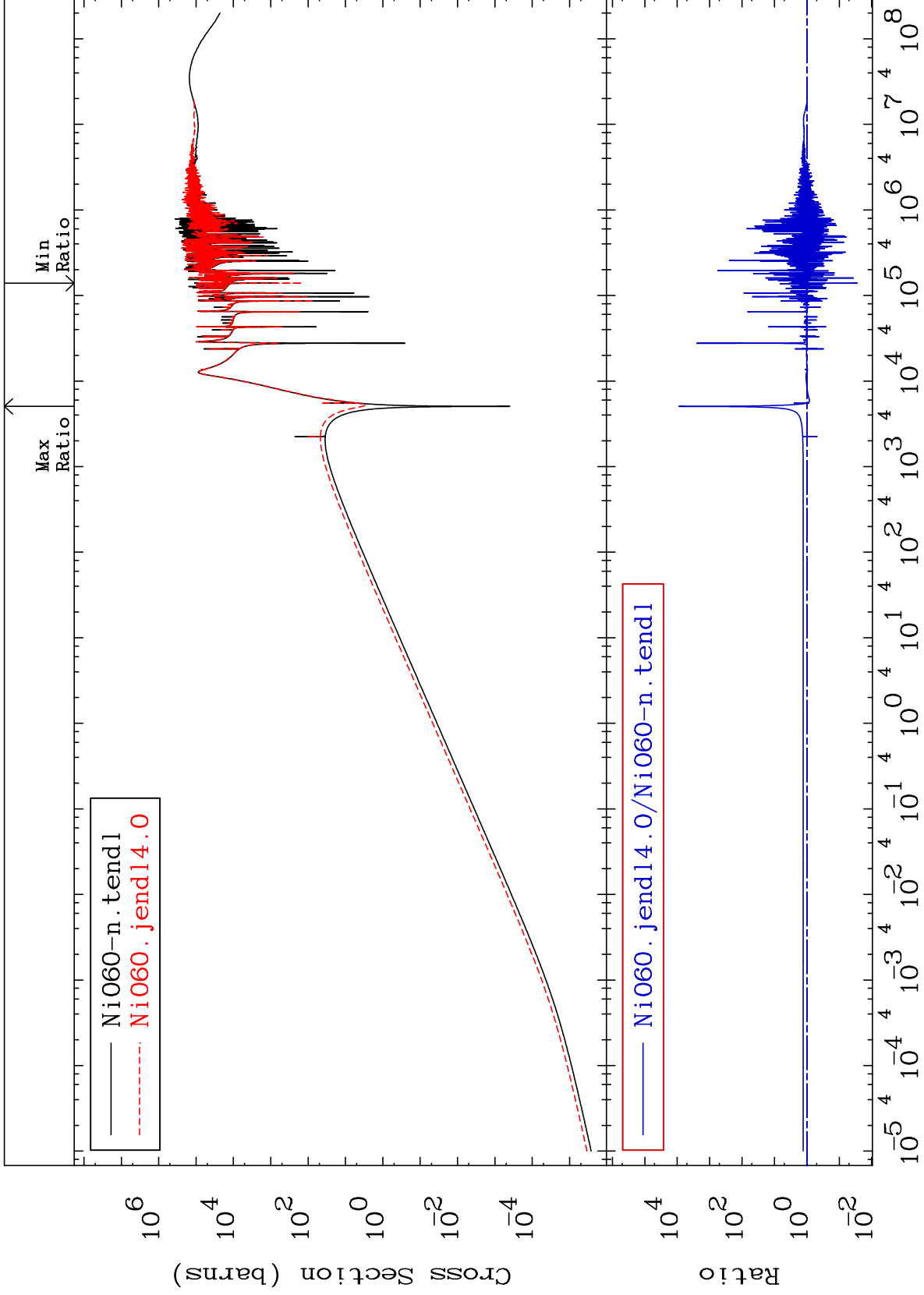
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma elastic
Cross Section

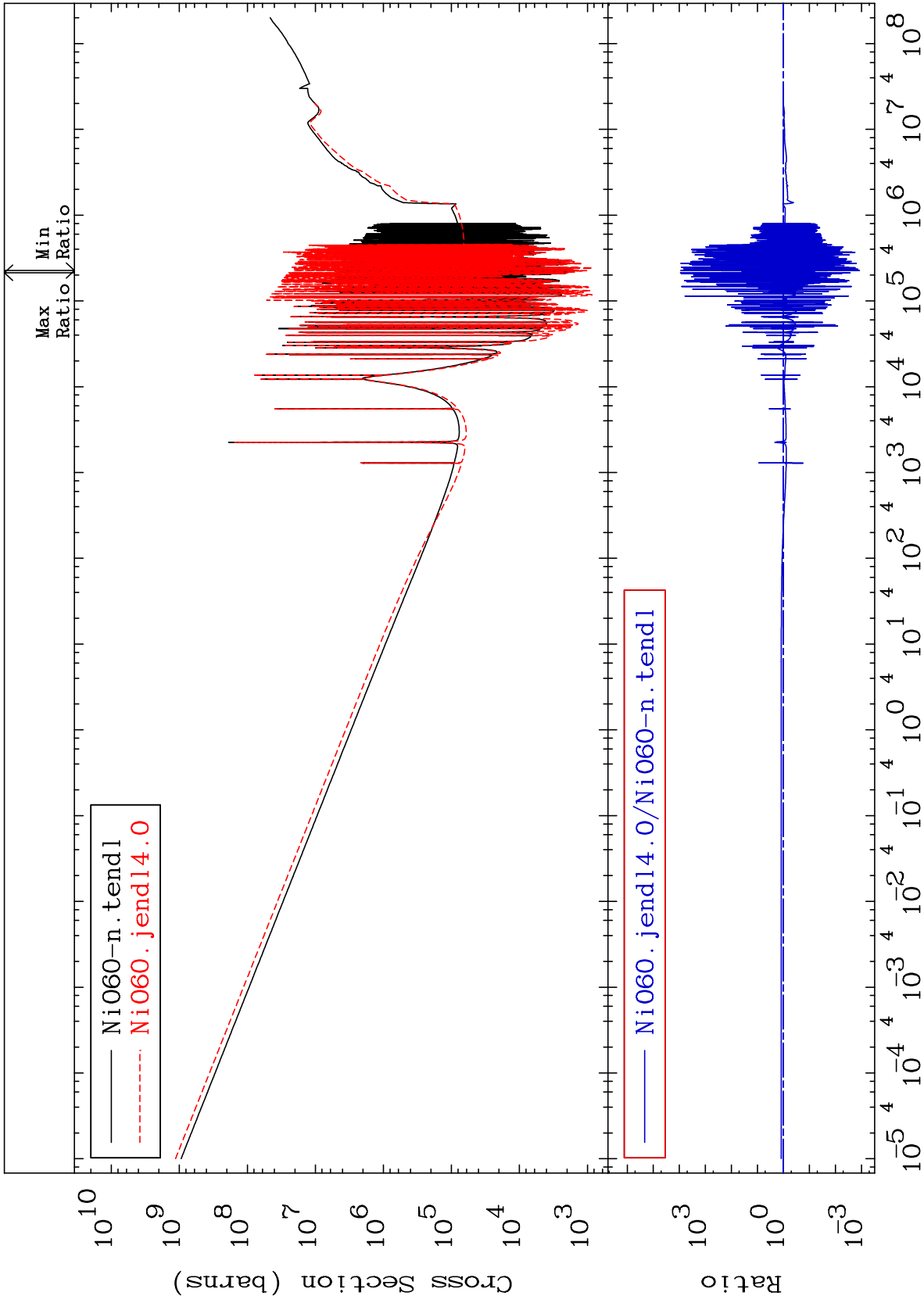
28-Ni-60
-97.21 To 9999. %

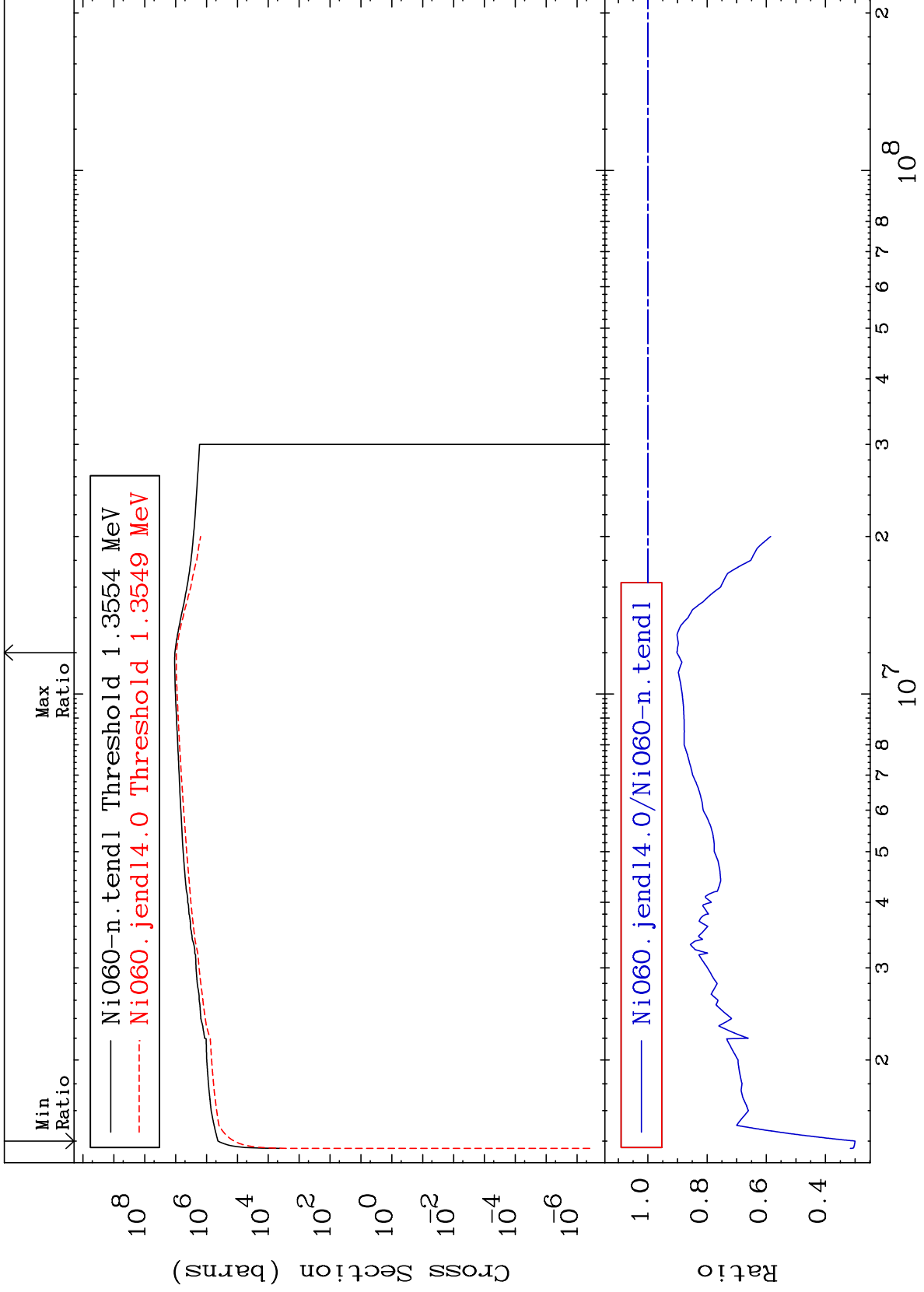


MAT 2831

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-60
-99.88 To 9999. %

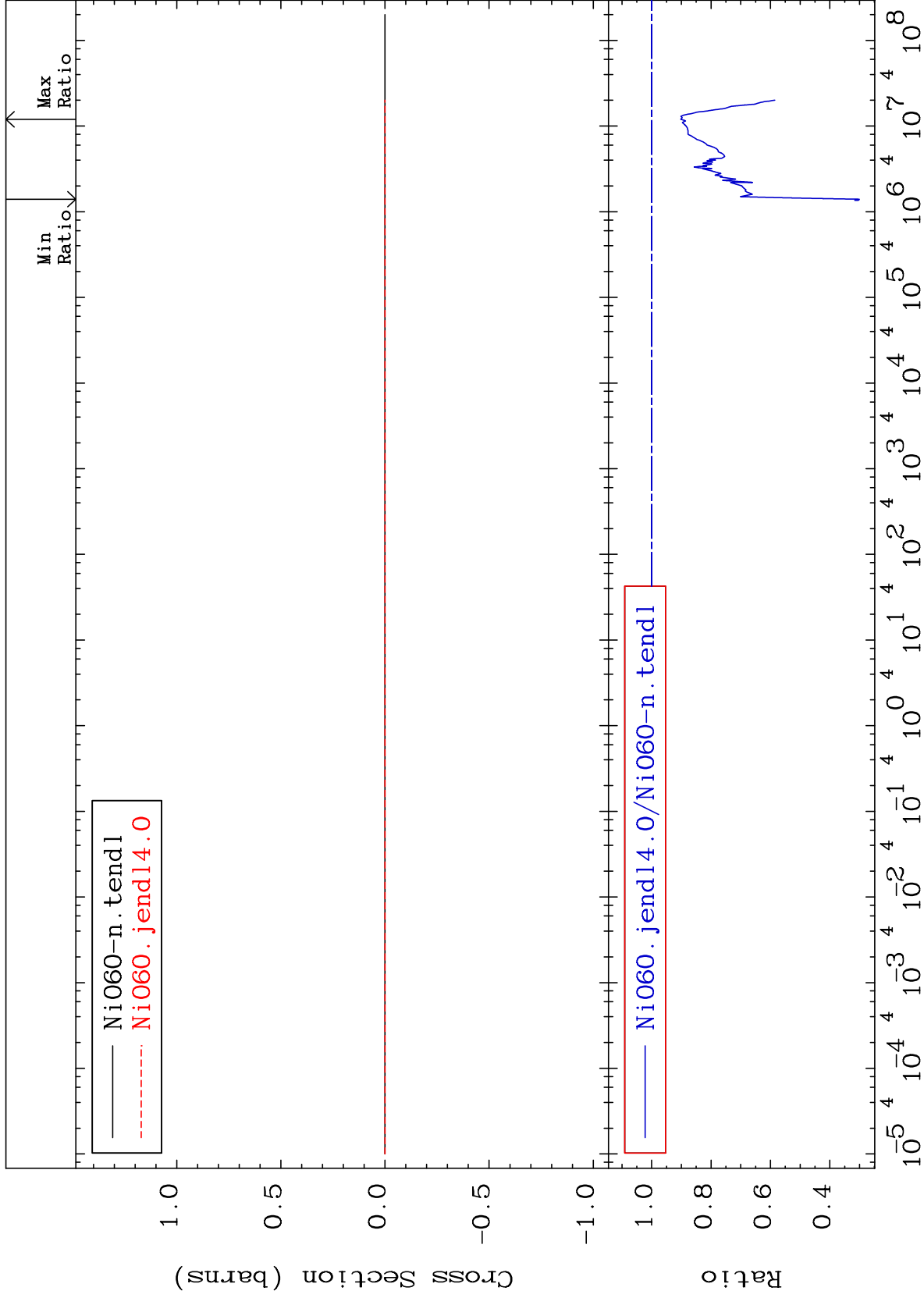




MAT 2831

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

28-Ni-60
-70.00 To -9.798%



35

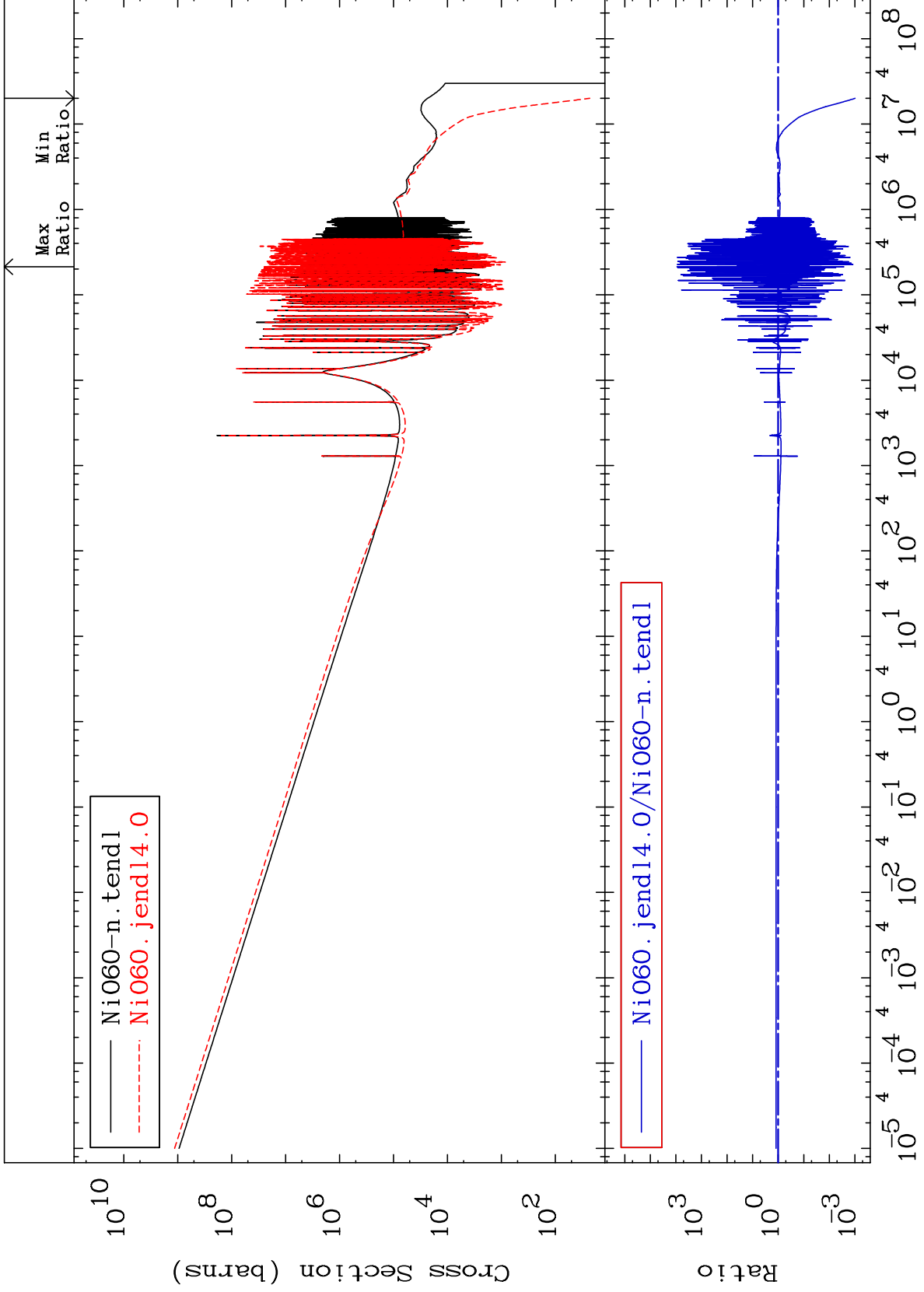
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma capture (mt102)
Cross Section

28-Ni-60
-99.90 To 9999. %



36

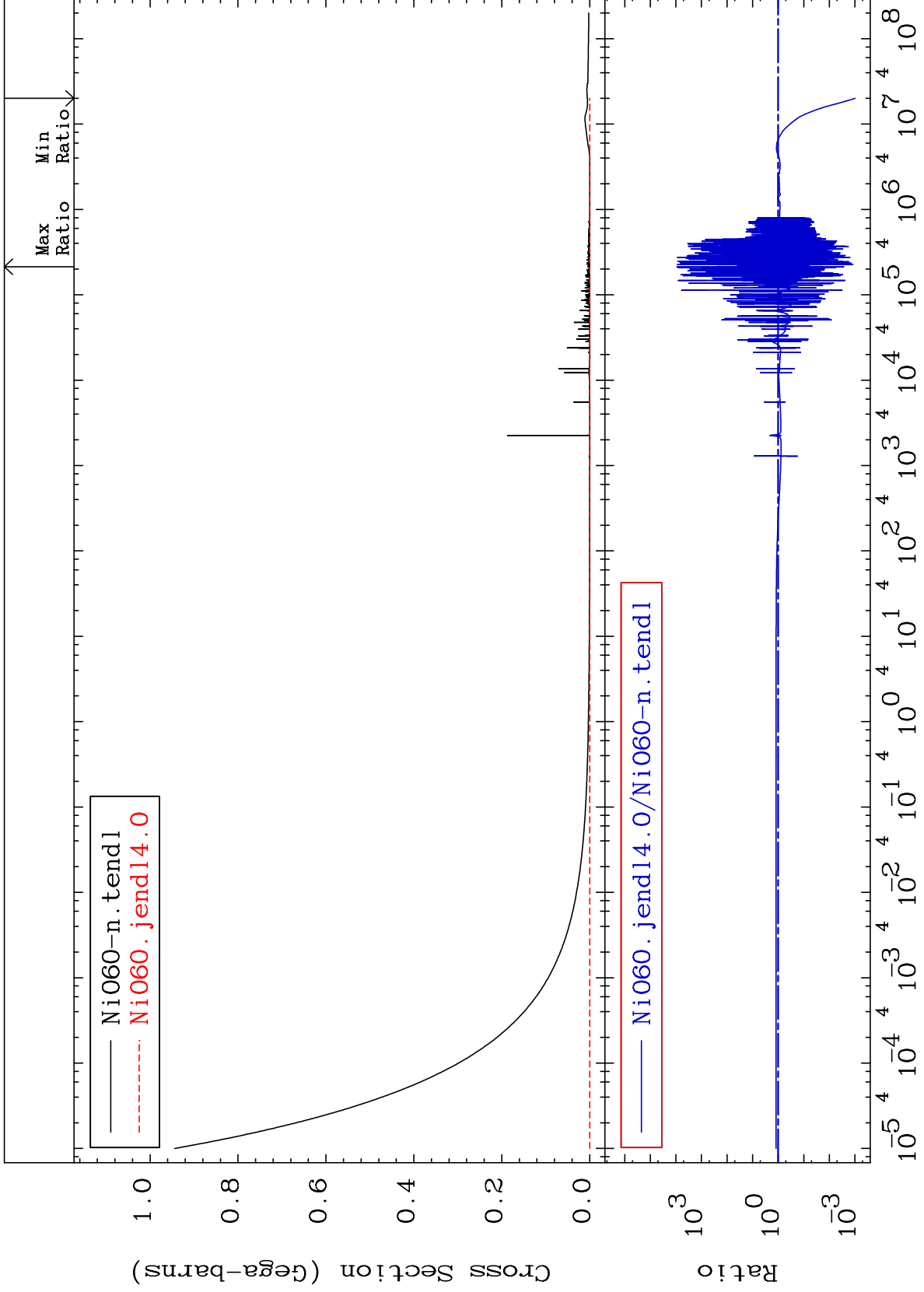
Incident Energy (eV)

28-Ni-60

MAT 2831

Total photon (eV-barns)
Cross Section

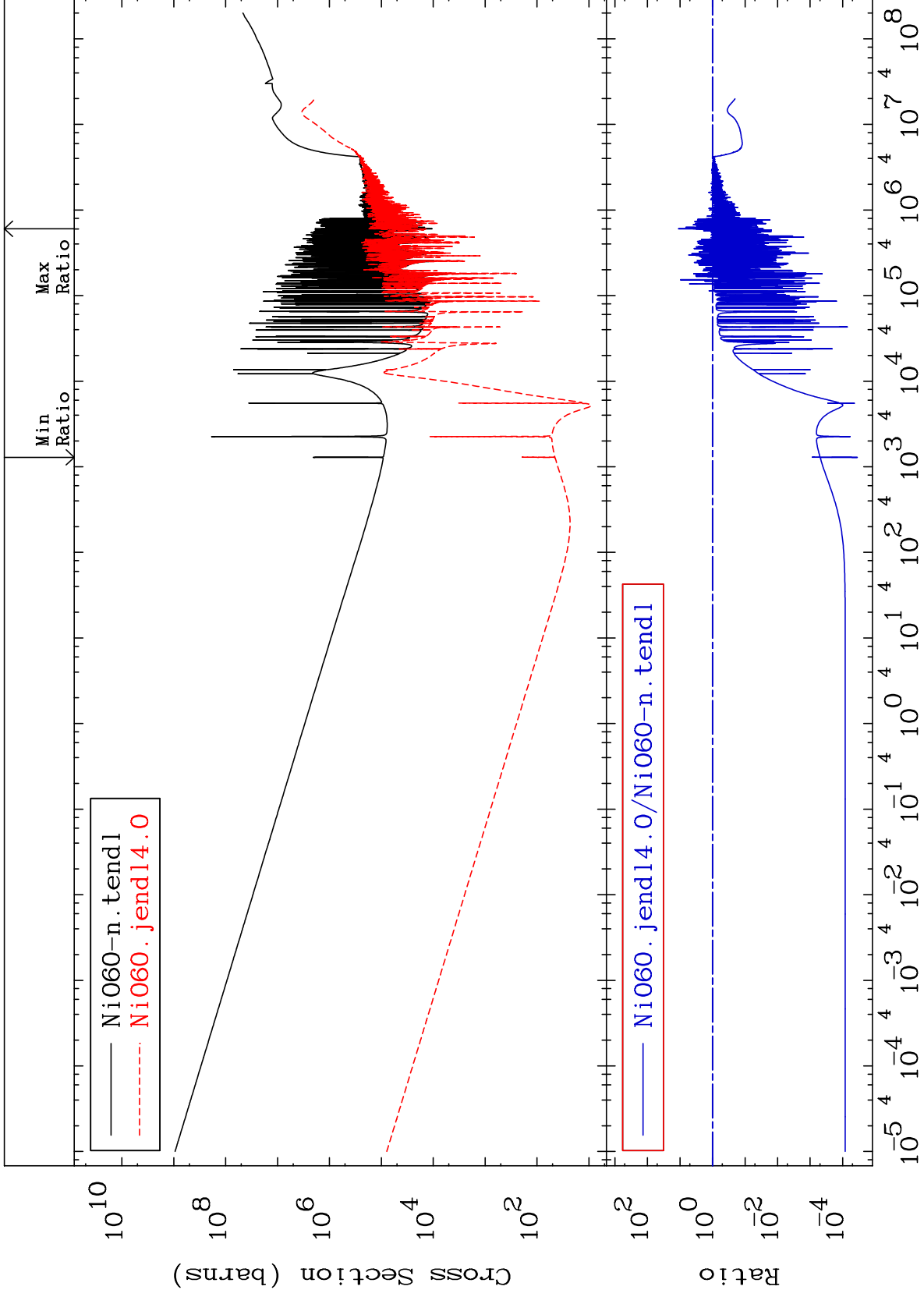
28-Ni-60
-99.90 To 9999. %



37

Incident Energy (eV)

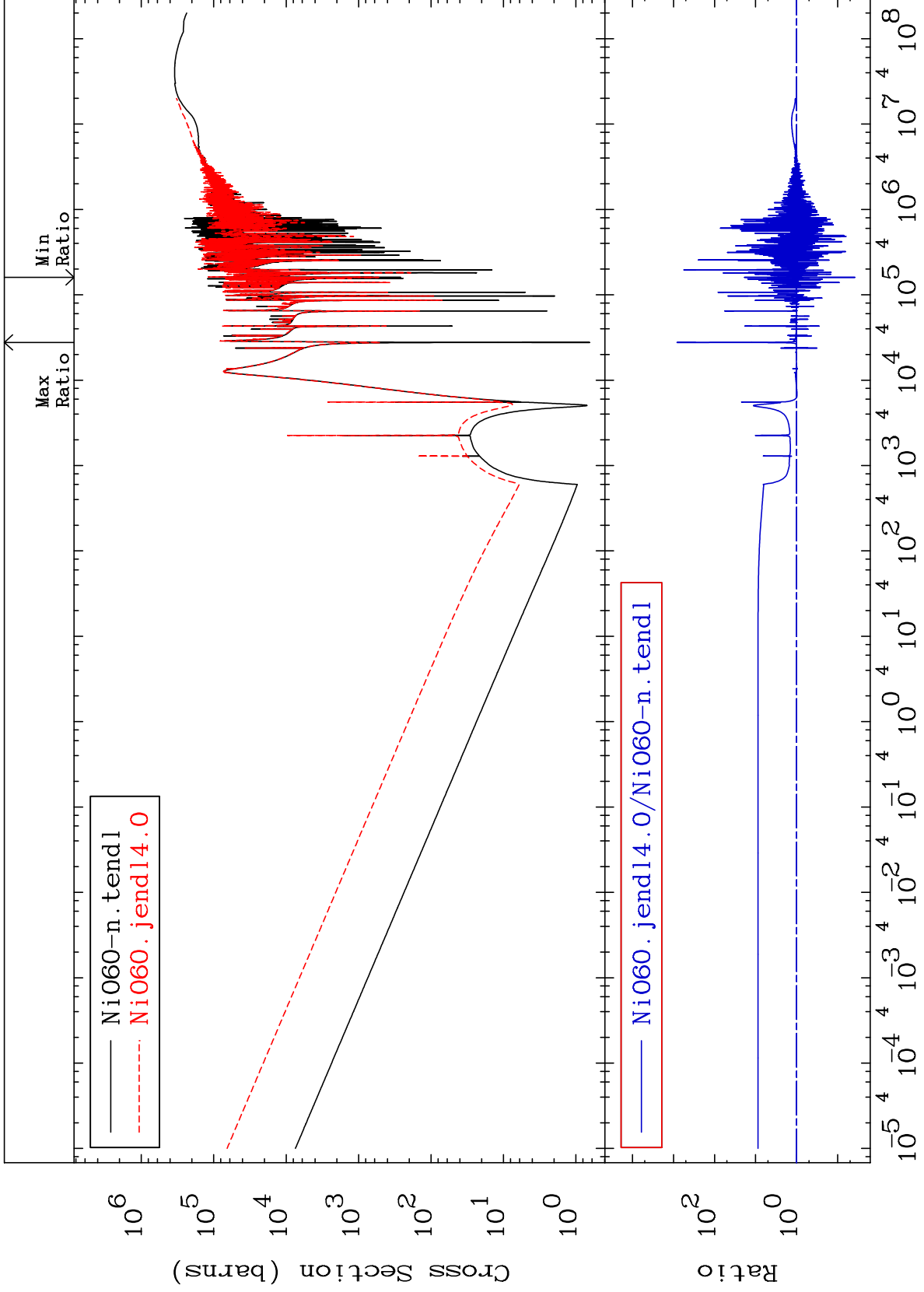
28-Ni-60



MAT 2831

Dpa total (eV-barns)
Cross Section

28-Ni-60
-96.23 To 9999. %



39

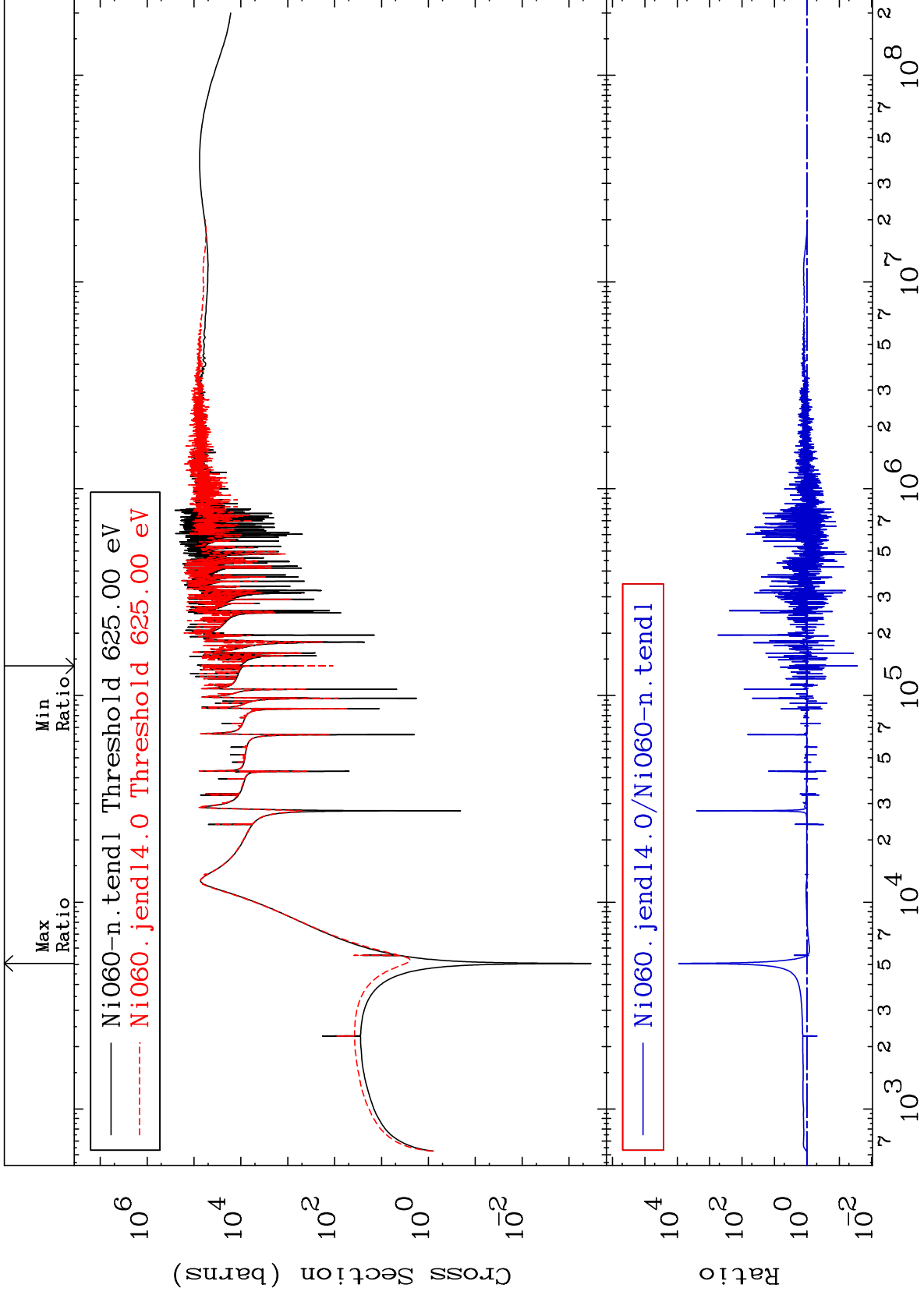
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa elastic (mt2)
Cross Section

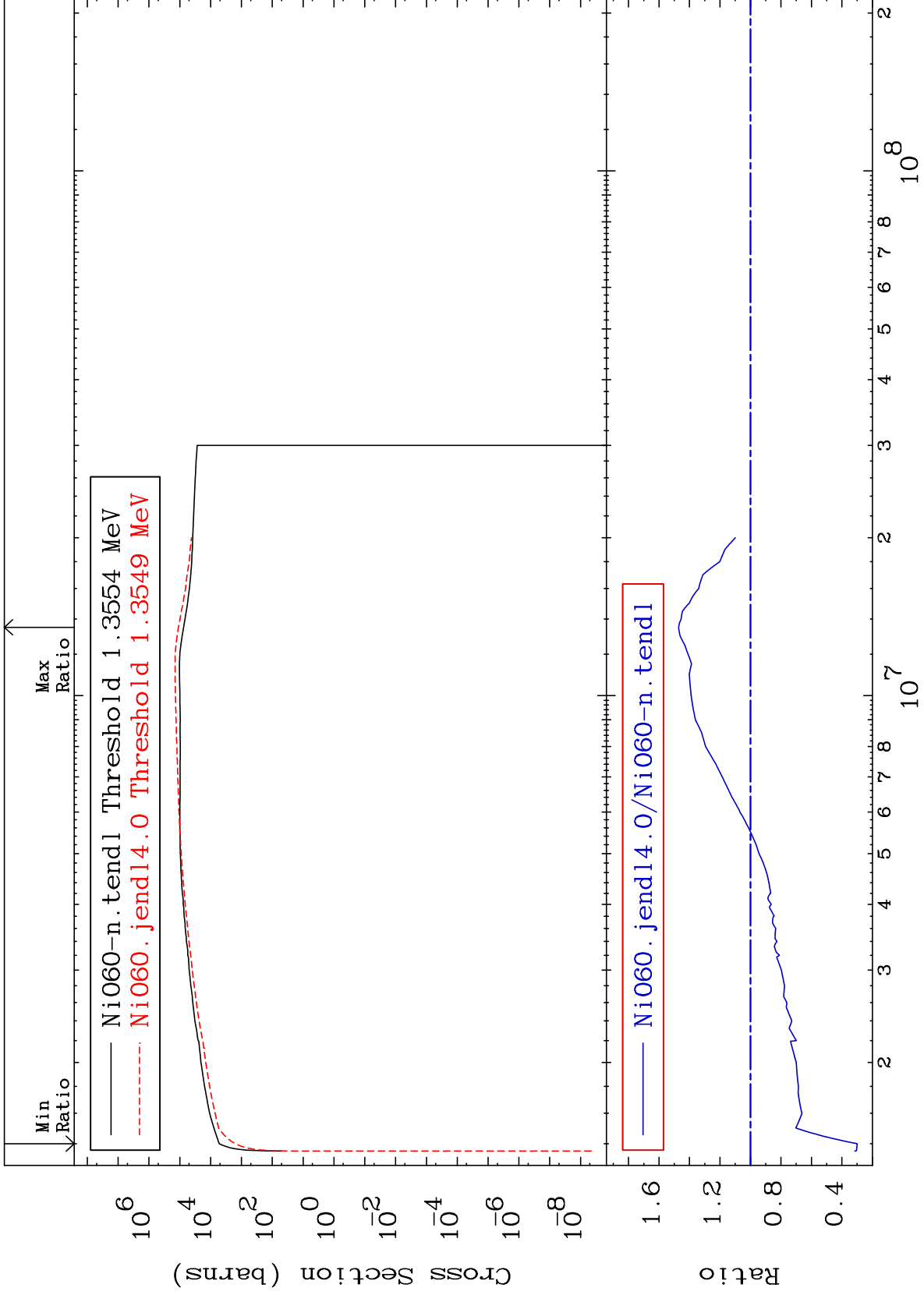
28-Ni-60
-97.21 To 9999. %



40

Incident Energy (eV)

28-Ni-60



MAT 2831

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-60
-93.27 To 9999. %

