

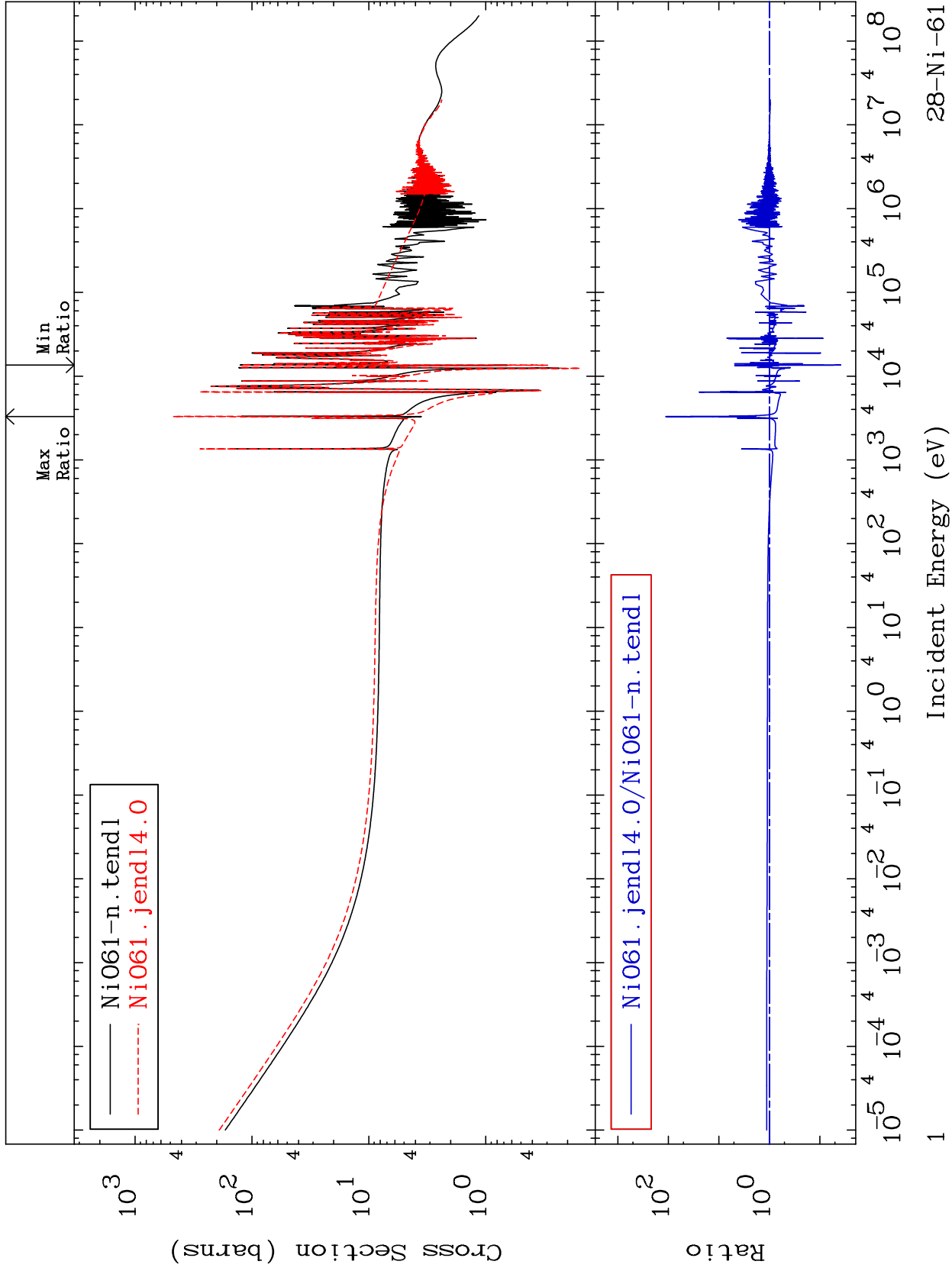
MAT 2834

Total

Cross Section

28-Ni-61

-96.17 To 9999. %

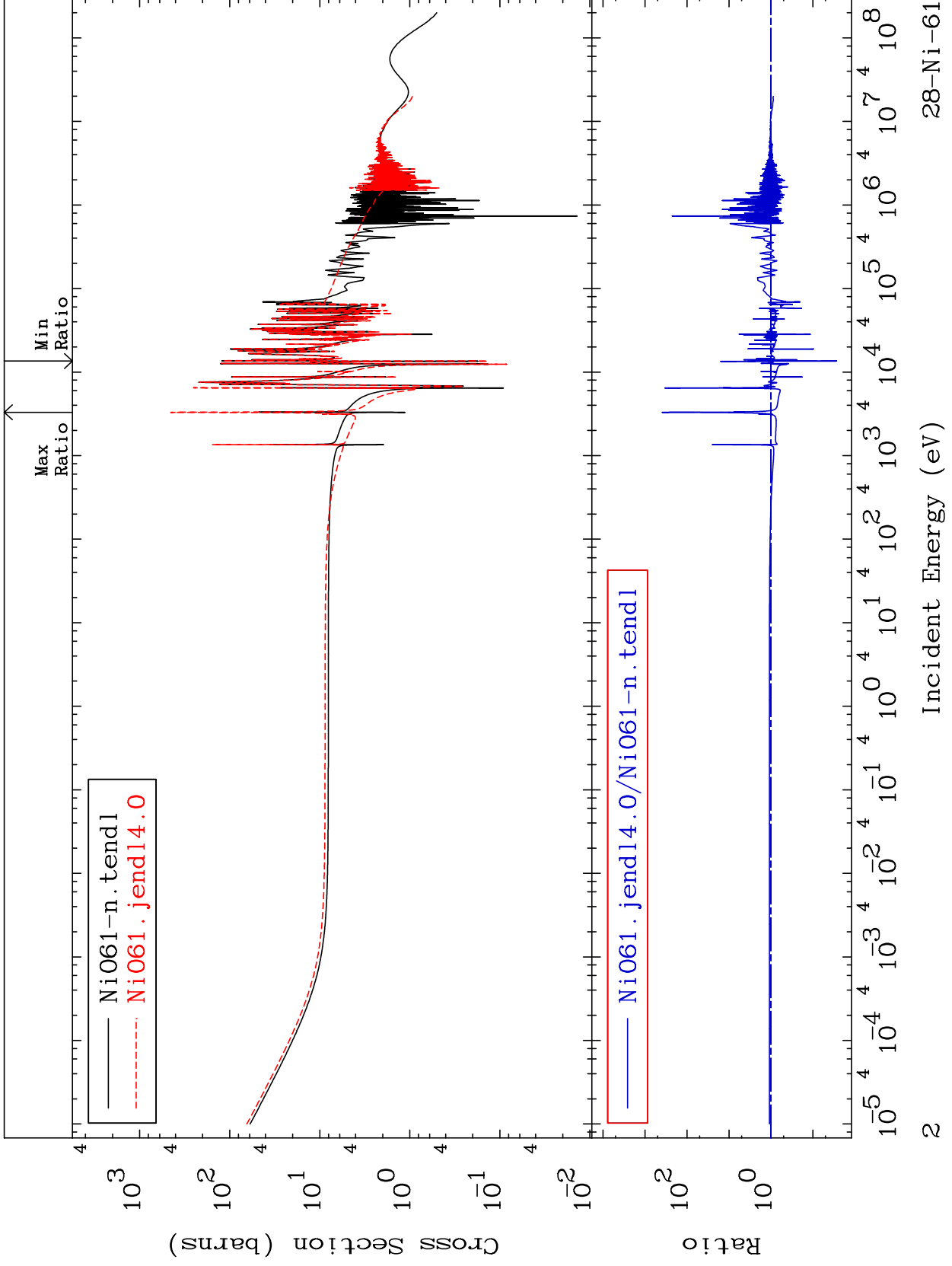


28-Ni-61

MAT 2834

Elastic
Cross Section

28-Ni-61
-97.28 To 9999. %



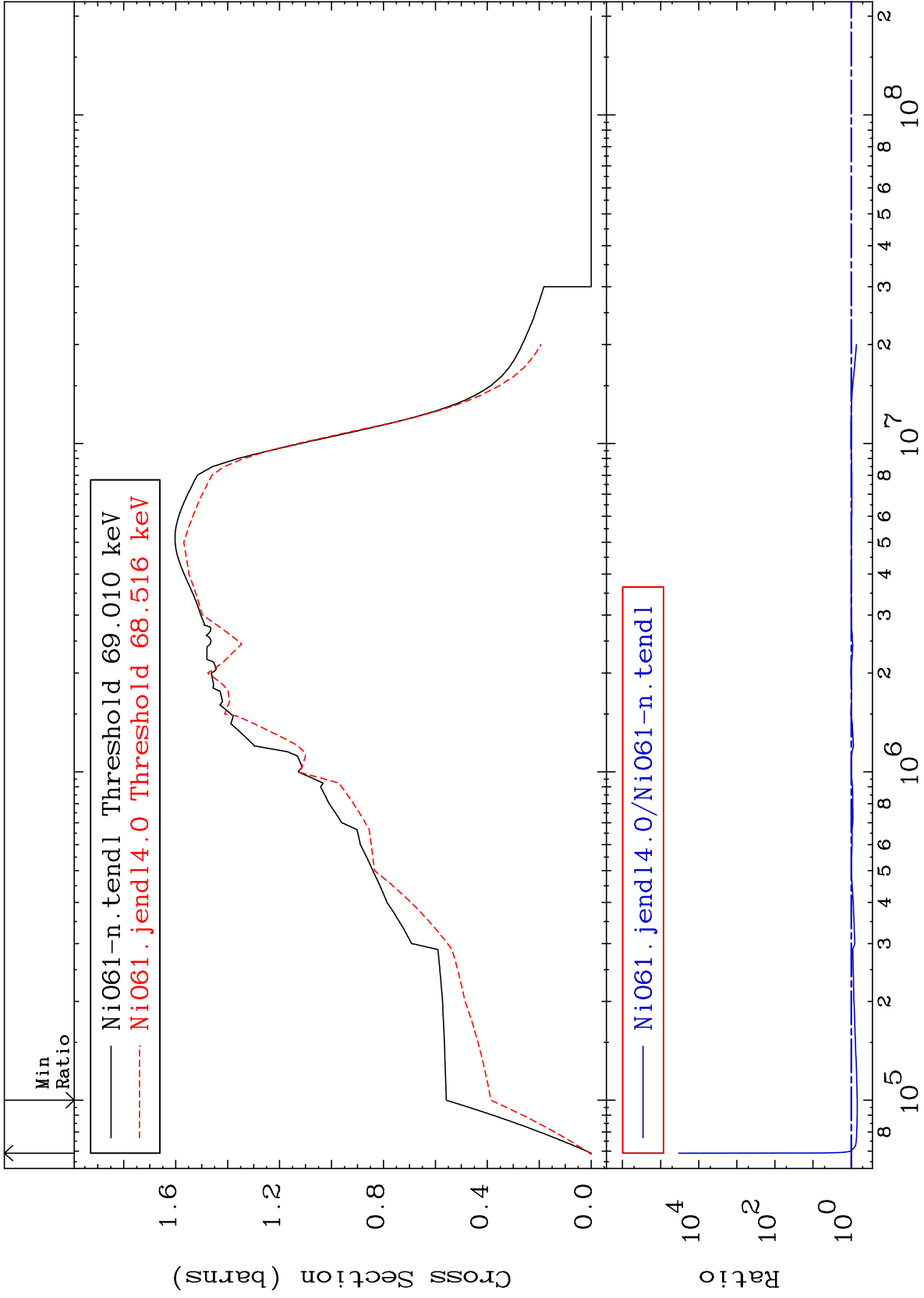
28-Ni-61

Incident Energy (eV)

MAT 2834

Inelastic
Cross Section

28-Ni-61
-30.80 To 9999. %



3

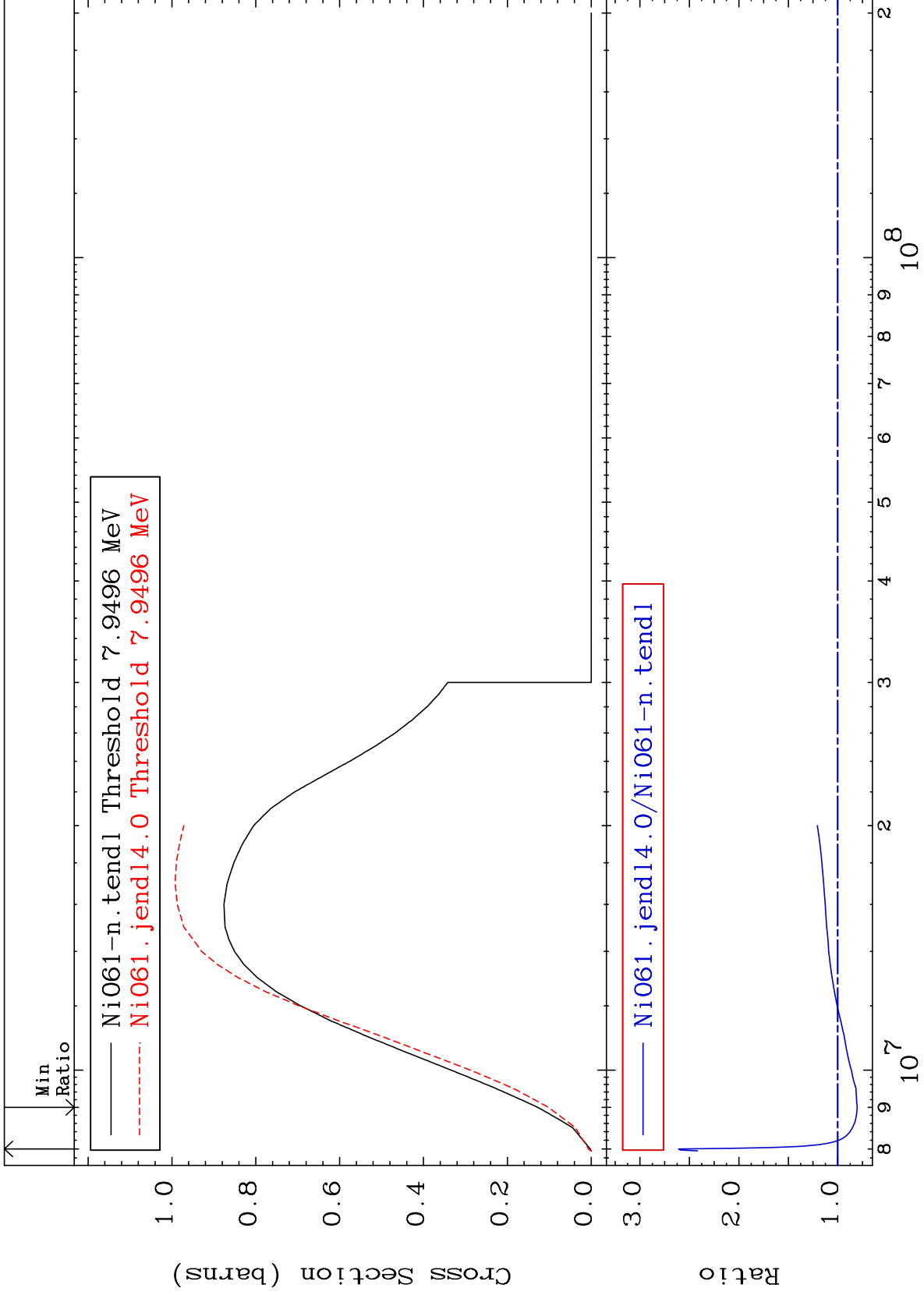
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,2n)
Cross Section

28-Ni-61
-19.68 To 160.9 %



4

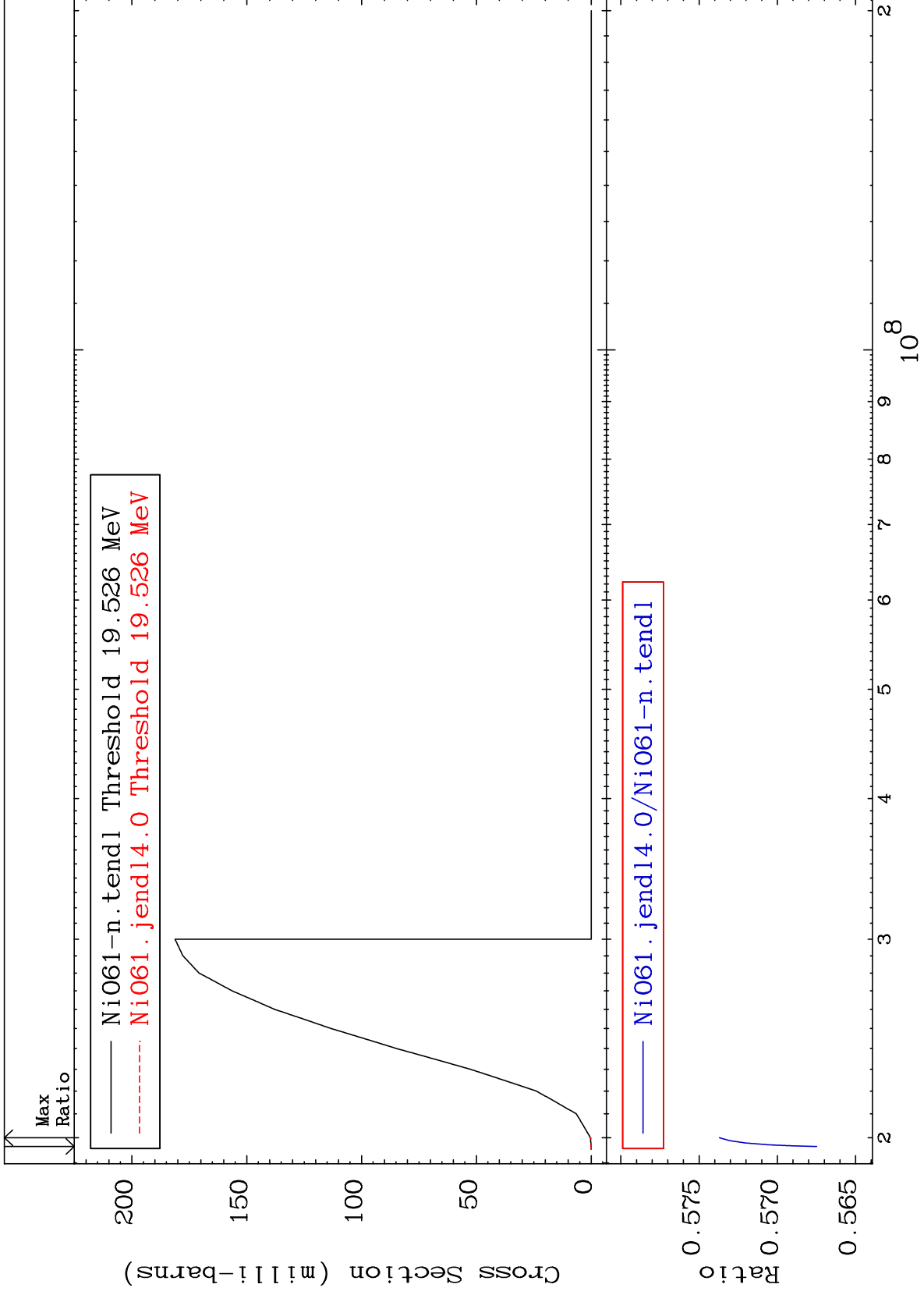
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,3n)
Cross Section

28-Ni-61
-43.25 To -42.63%



5

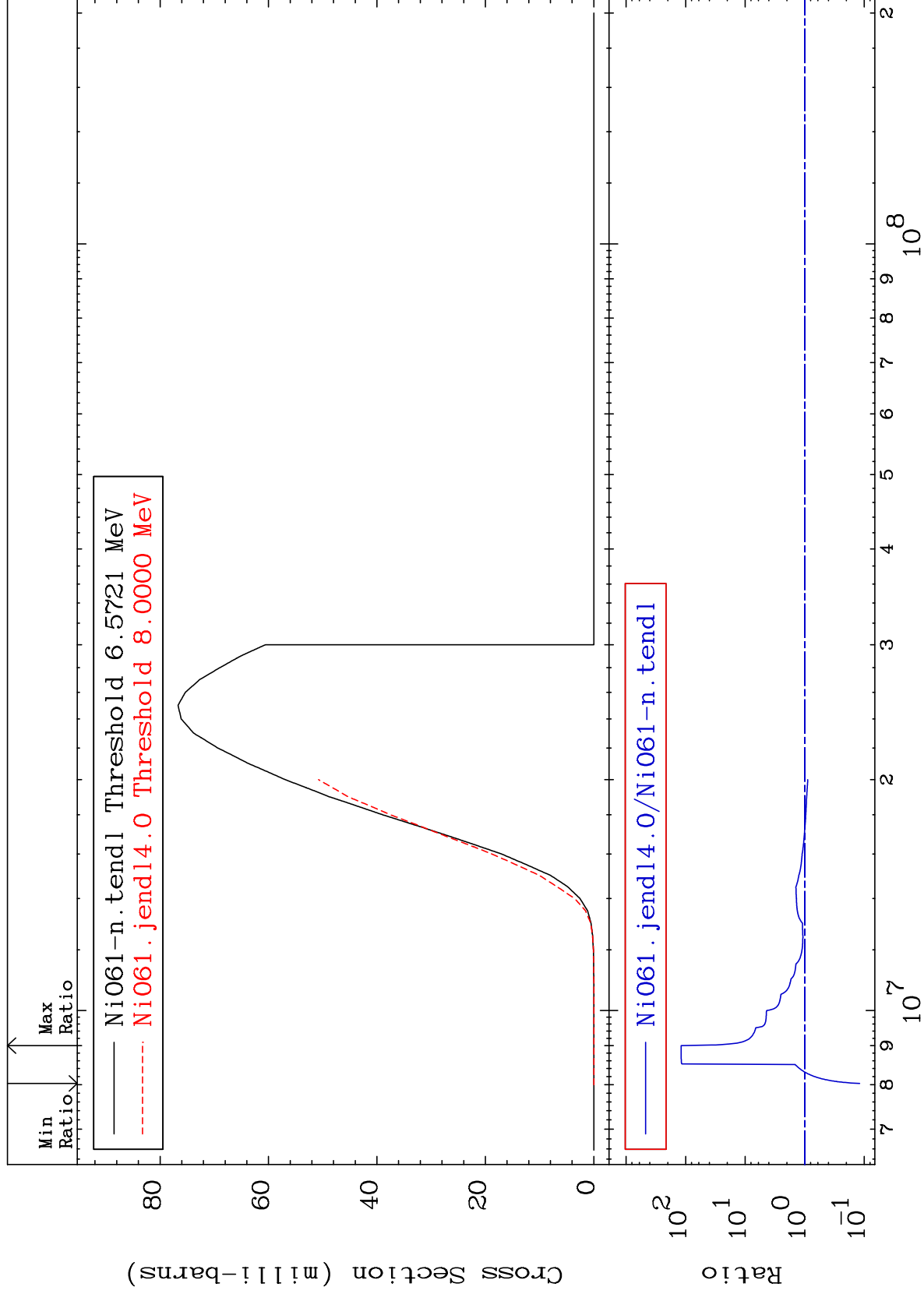
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,n') α
Cross Section

28-Ni-61
-88.03 To 9999. %



6

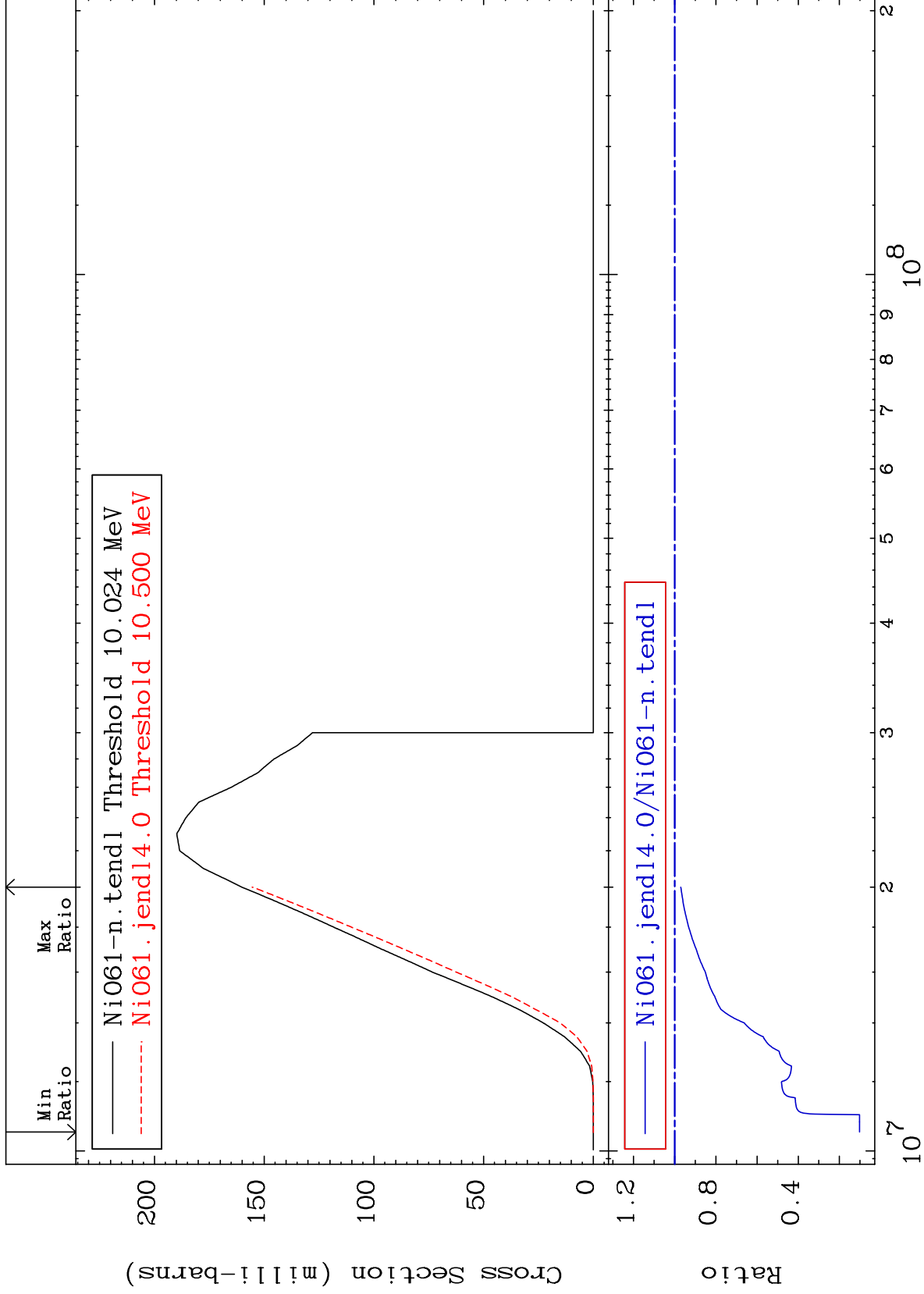
Incident Energy (eV)

28-Ni-61

MAT 2834

(n,n') p
Cross Section

28-Ni-61
-89.77 To -2.959%



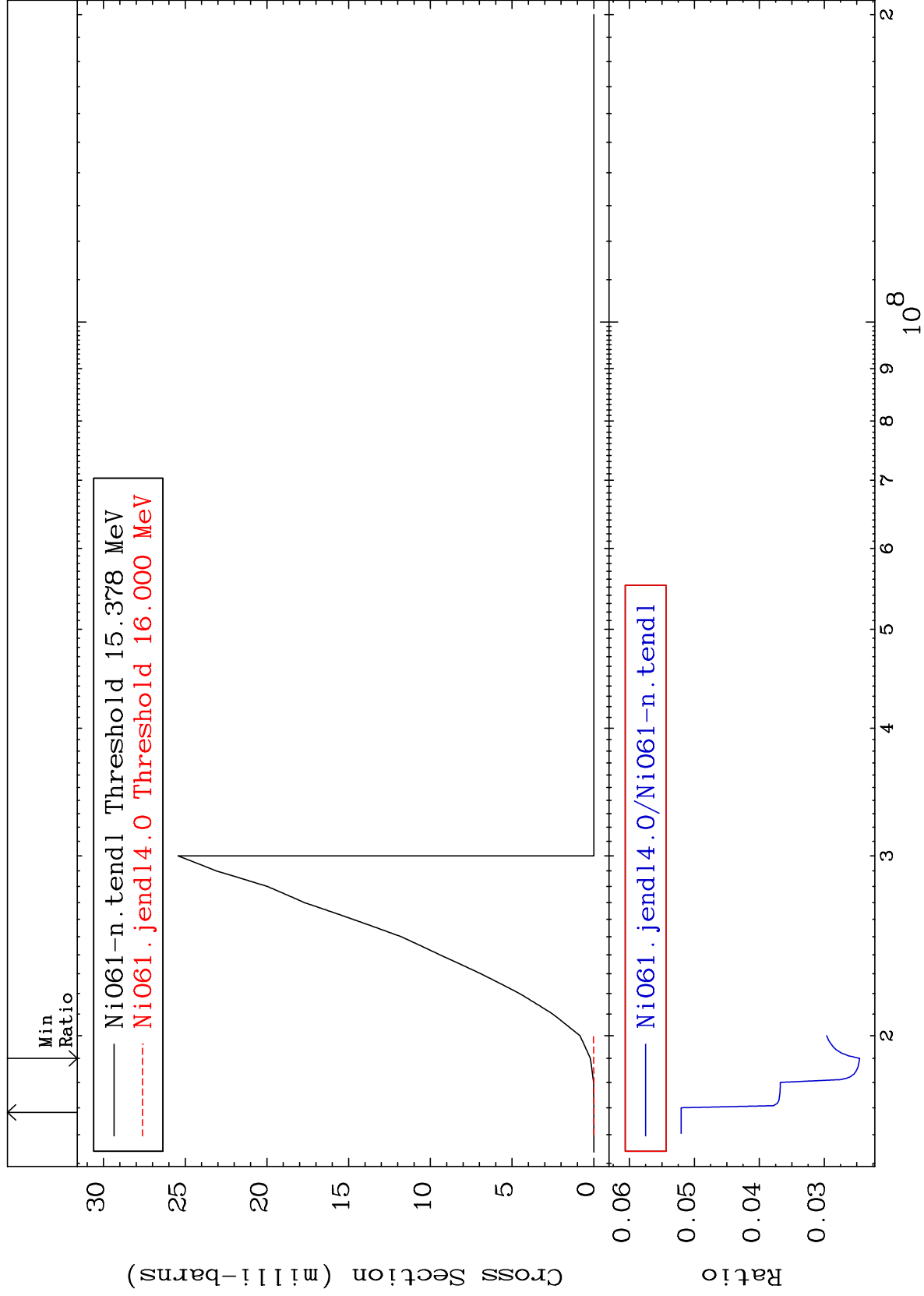
28-Ni-61

28-Ni-61

MAT 2834

(n,n') d
Cross Section

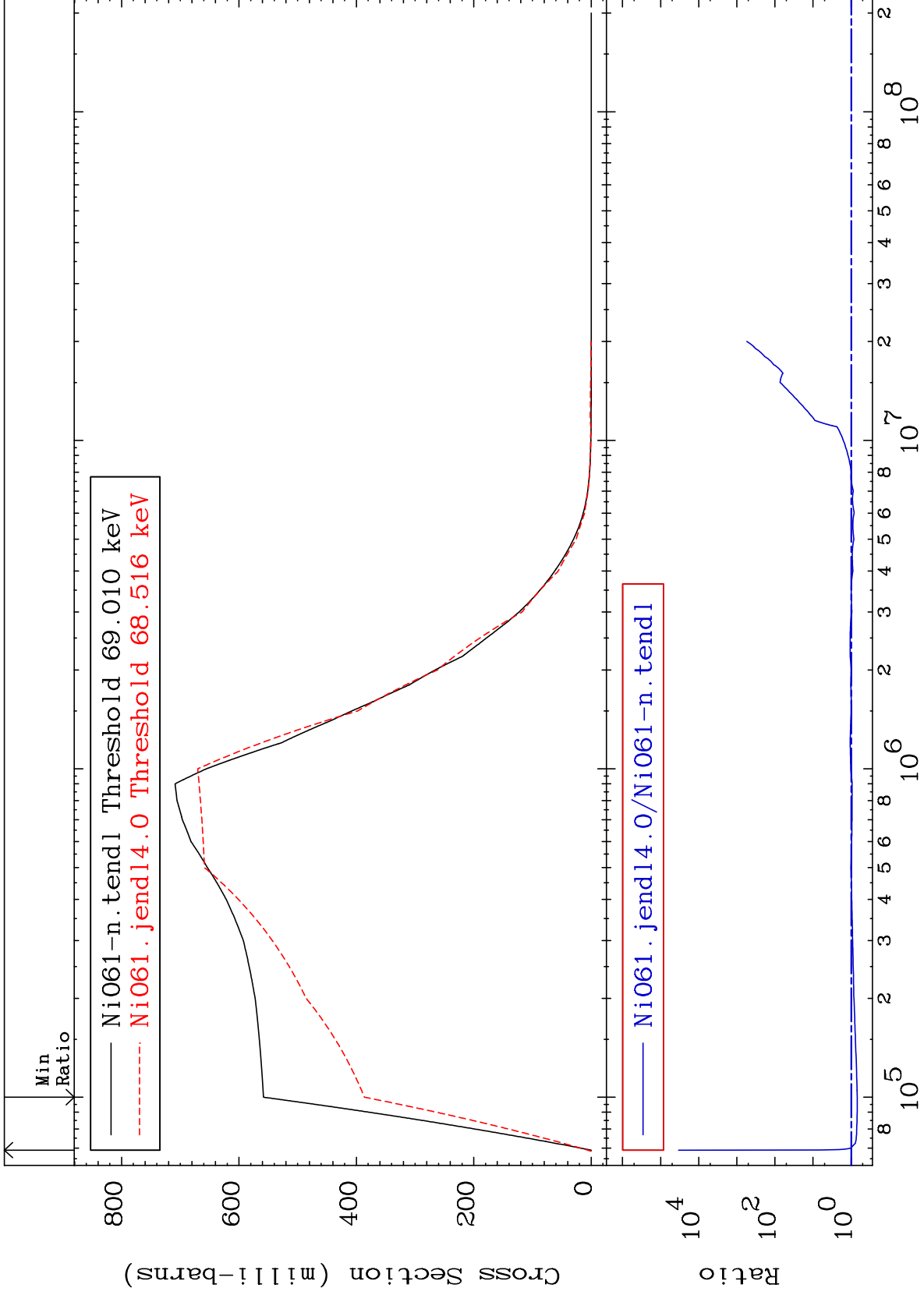
28-Ni-61
-97.54 To -94.80%



MAT 2834

67.41 keV (n,n') Level
Cross Section

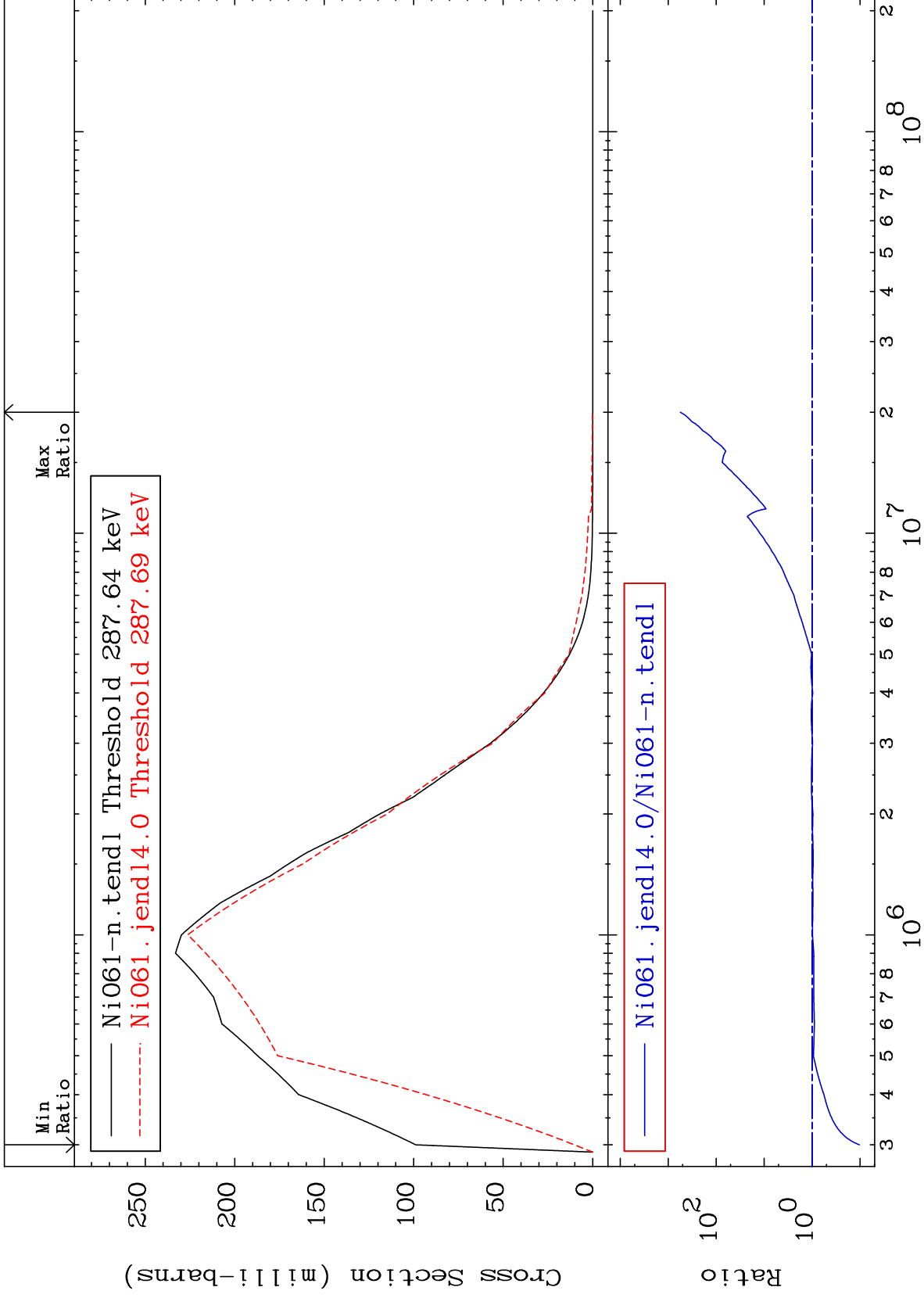
28-Ni-61
-30.80 To 9999. %



MAT 2834

283.0 keV (n,n') Level
Cross Section

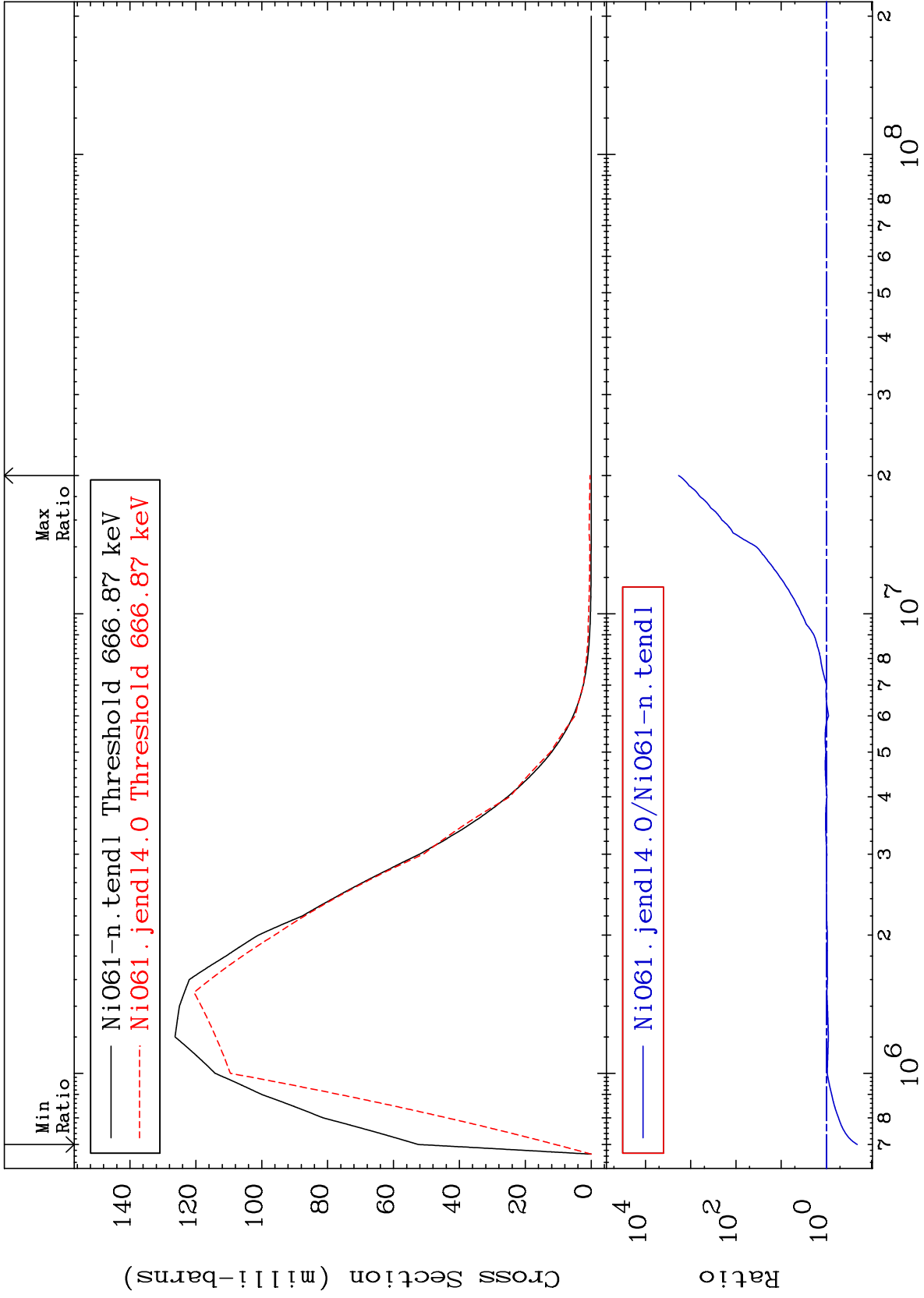
28-Ni-61
-89.67 To 9999. %



MAT 2834

656.0 keV (n,n') Level
Cross Section

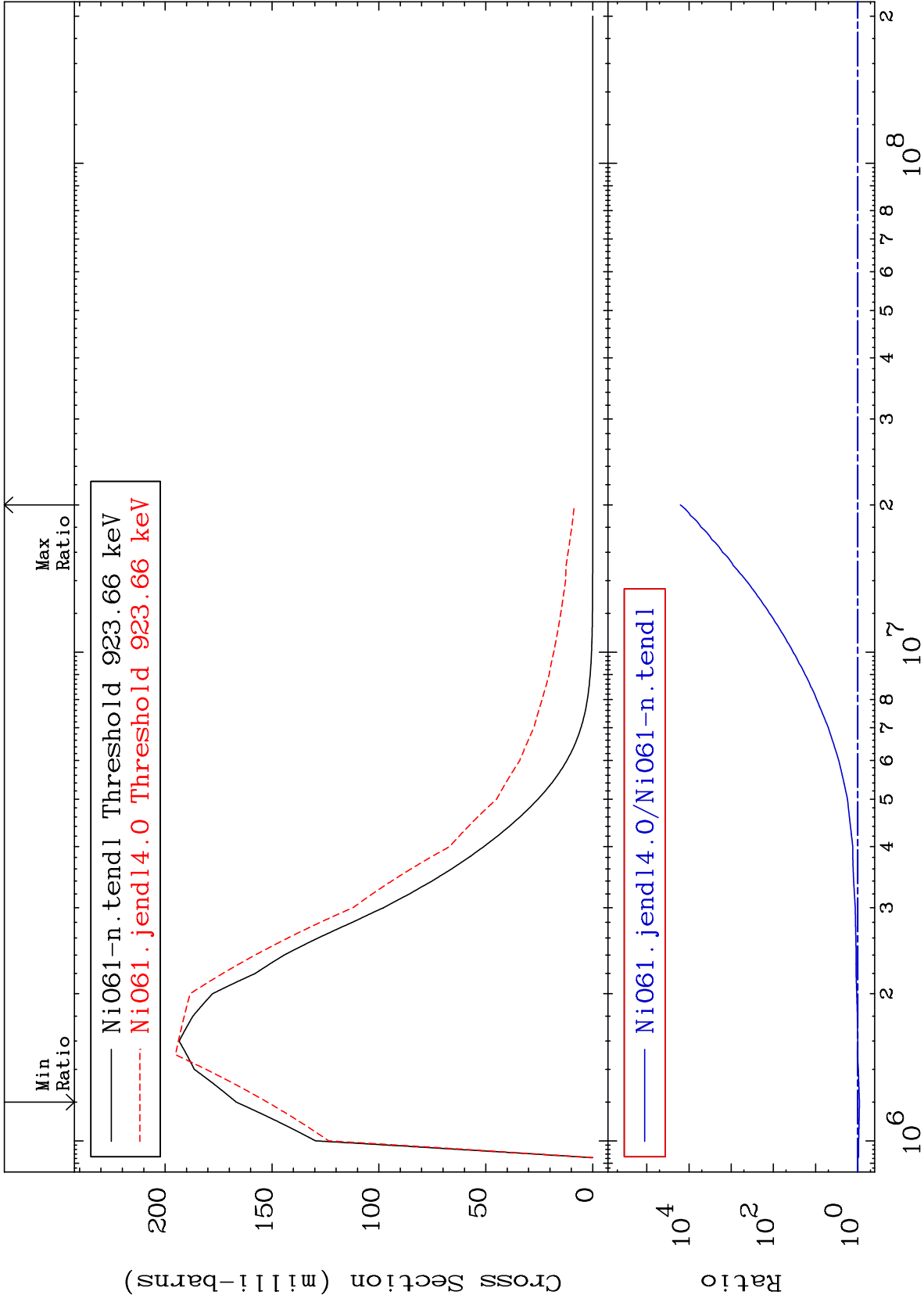
28-Ni-61
-79.25 To 9999. %



MAT 2834

908.6 keV (n,n') Level
Cross Section

28-Ni-61
-8.726 To 9999. %



12

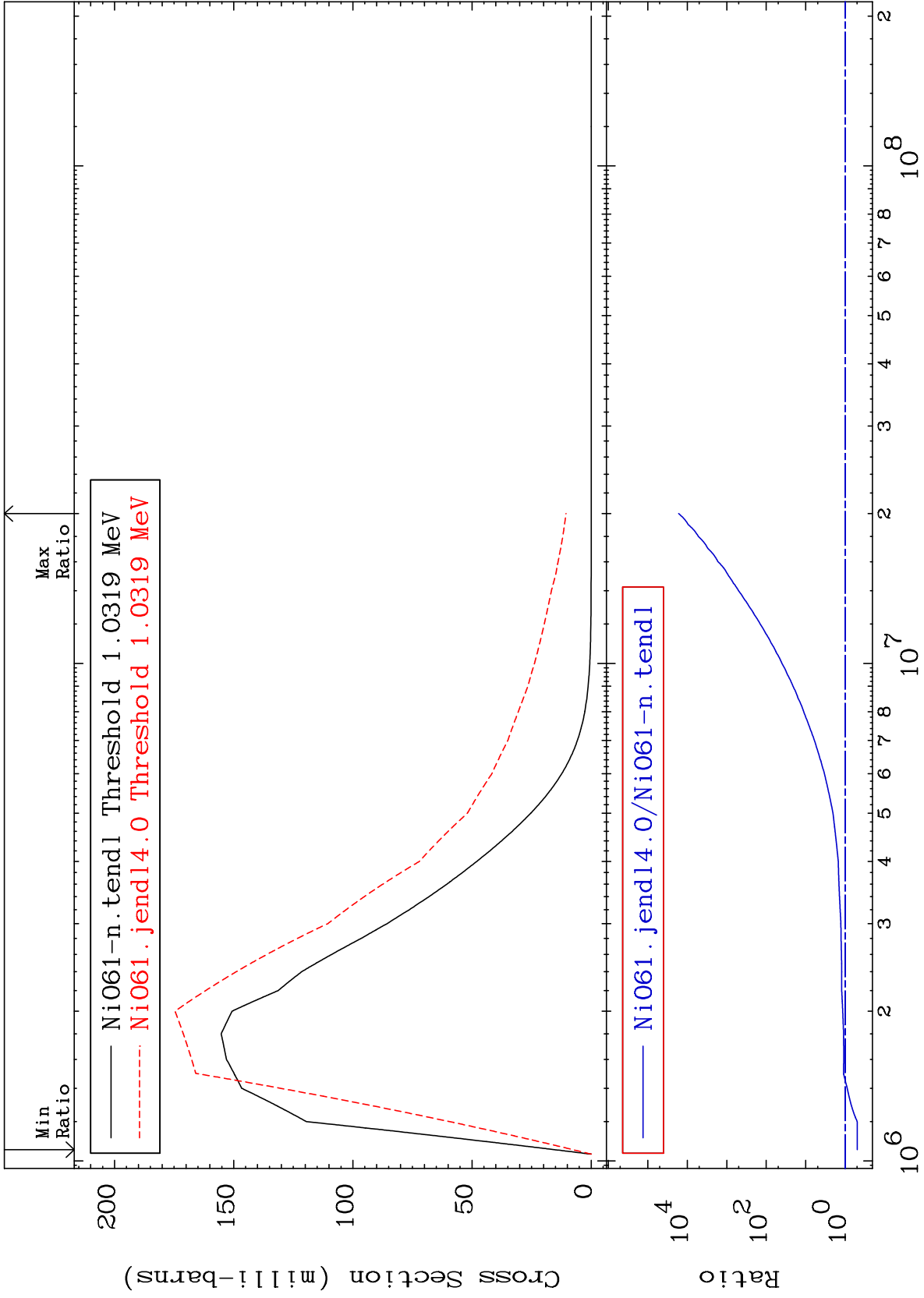
Incident Energy (eV)

28-Ni-61

MAT 2834

1.015 MeV (n,n') Level
Cross Section

28-Ni-61
-50.34 To 9999. %



13

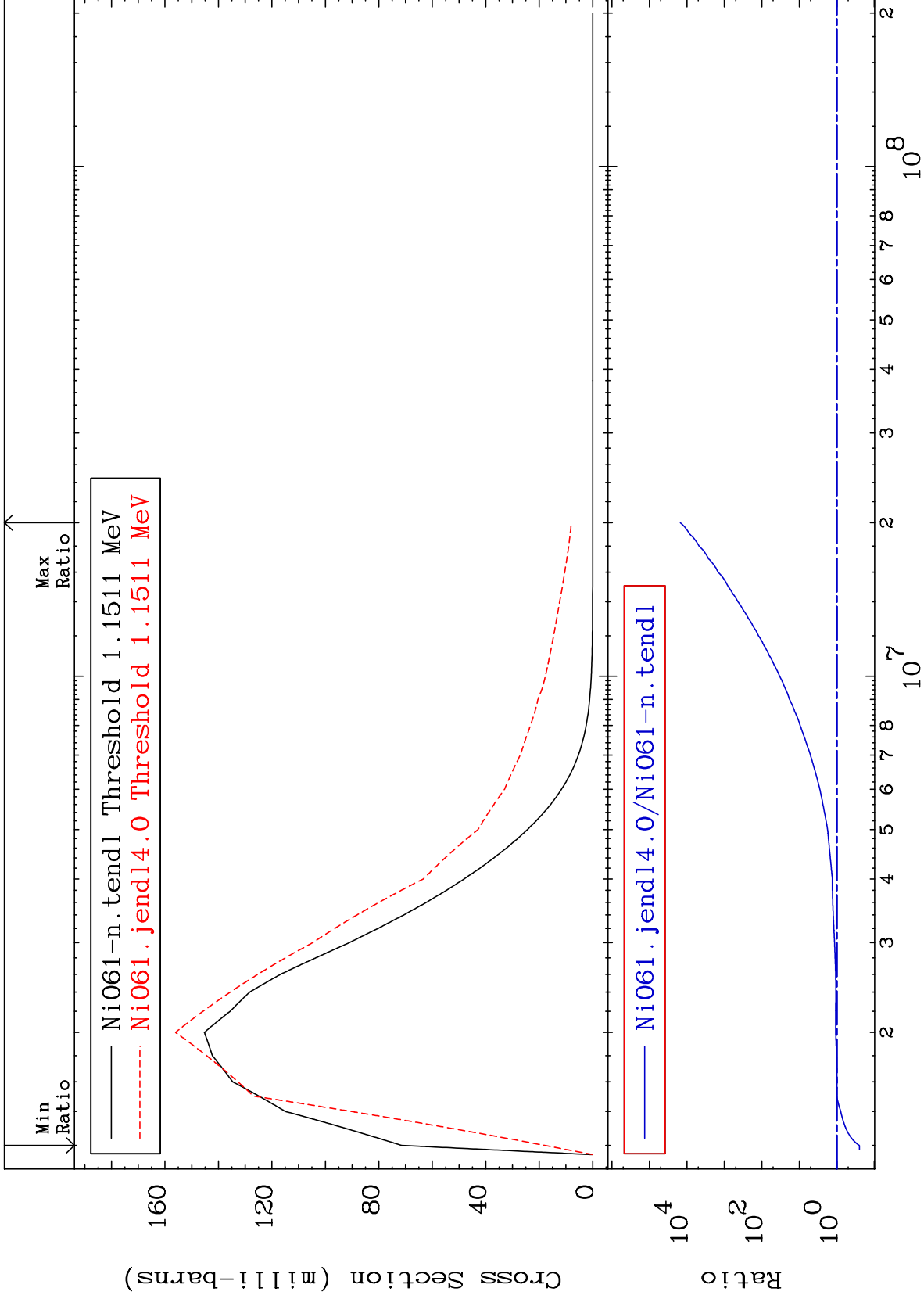
Incident Energy (eV)

28-Ni-61

MAT 2834

1.132 MeV (n,n') Level
Cross Section

28-Ni-61
-75.08 To 9999. %



15

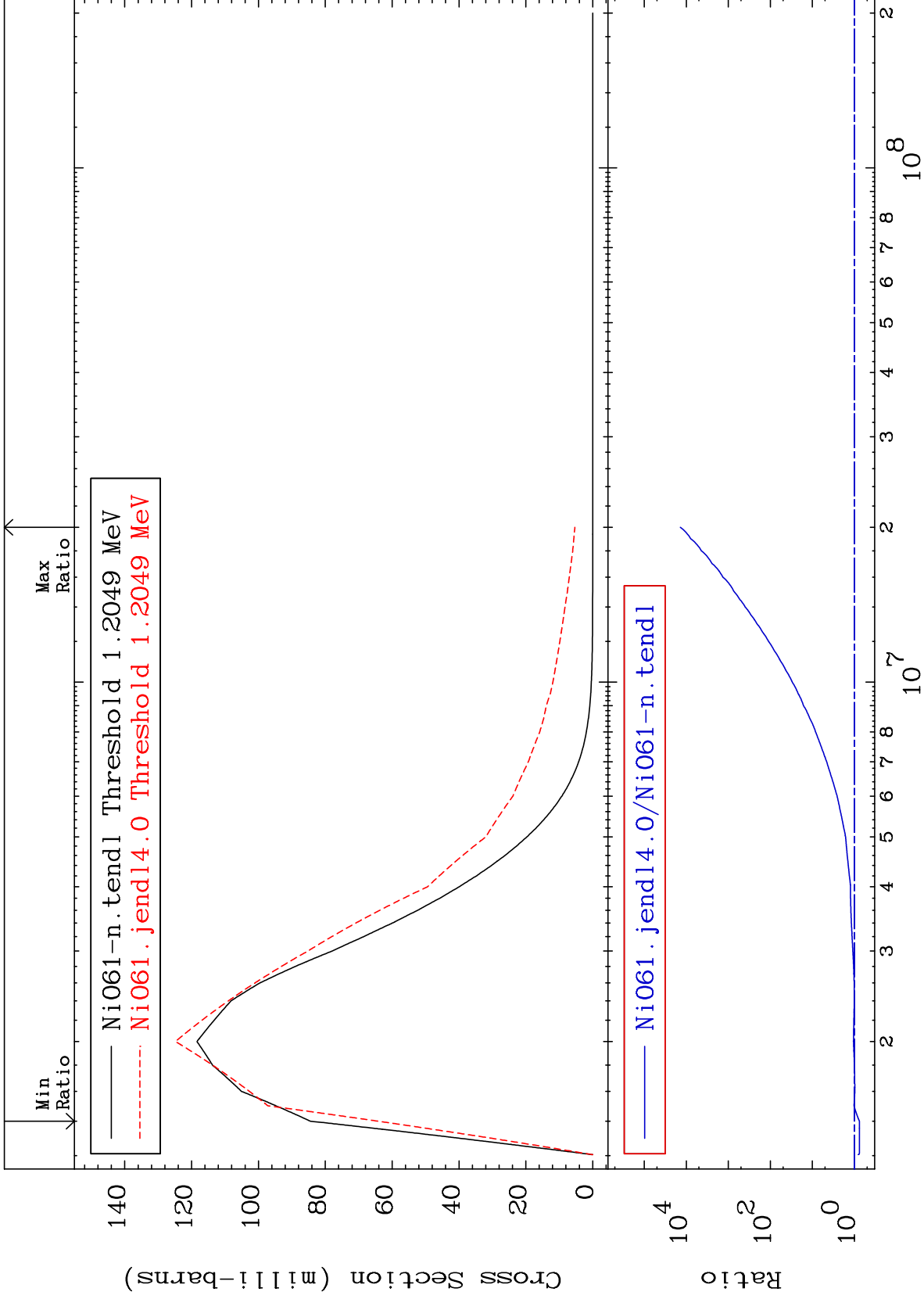
Incident Energy (eV)

28-Ni-61

MAT 2834

1.185 MeV (n,n') Level
Cross Section

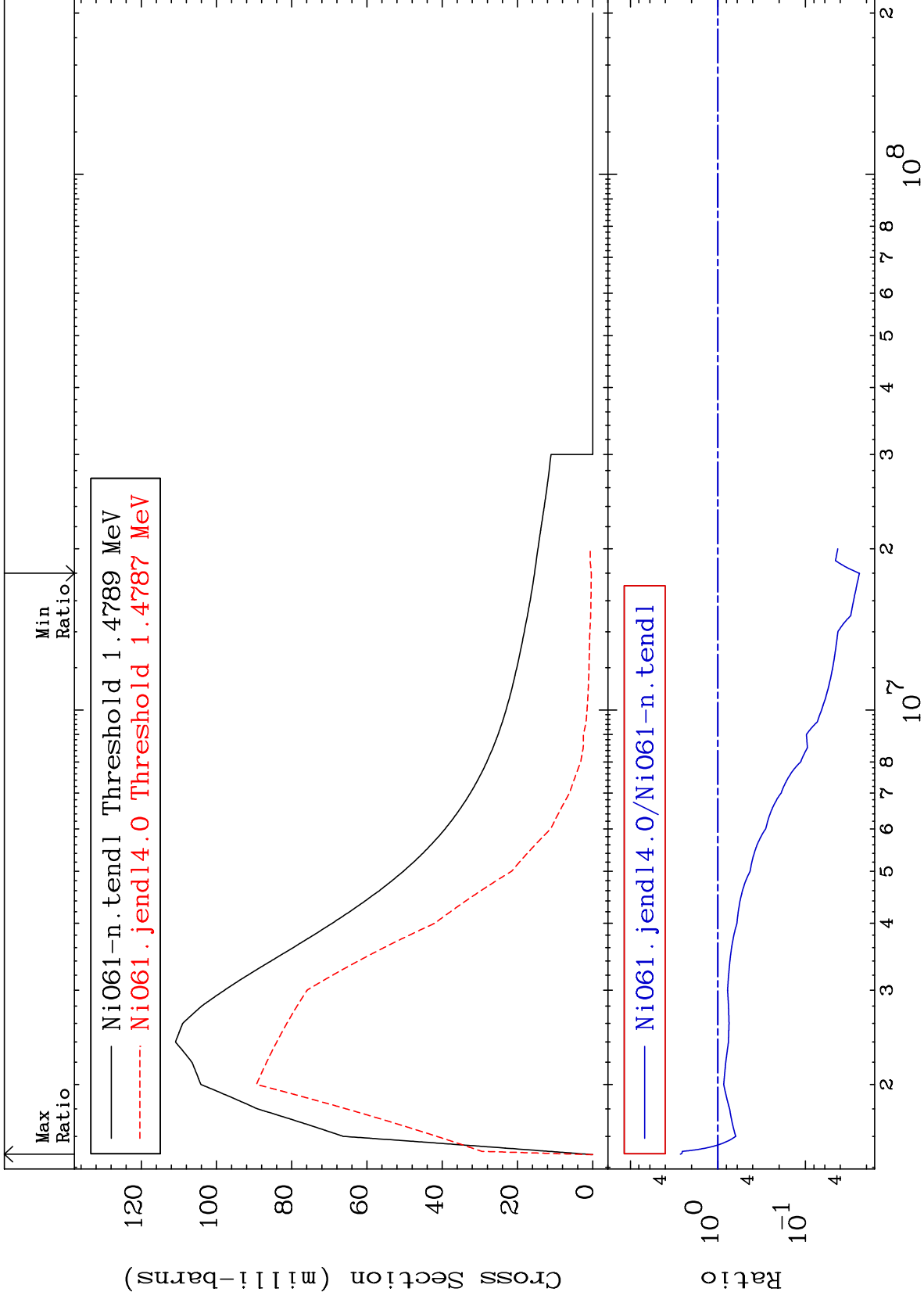
28-Ni-61
-23.92 To 9999. %



MAT 2834

1.455 MeV (n,n') Level
Cross Section

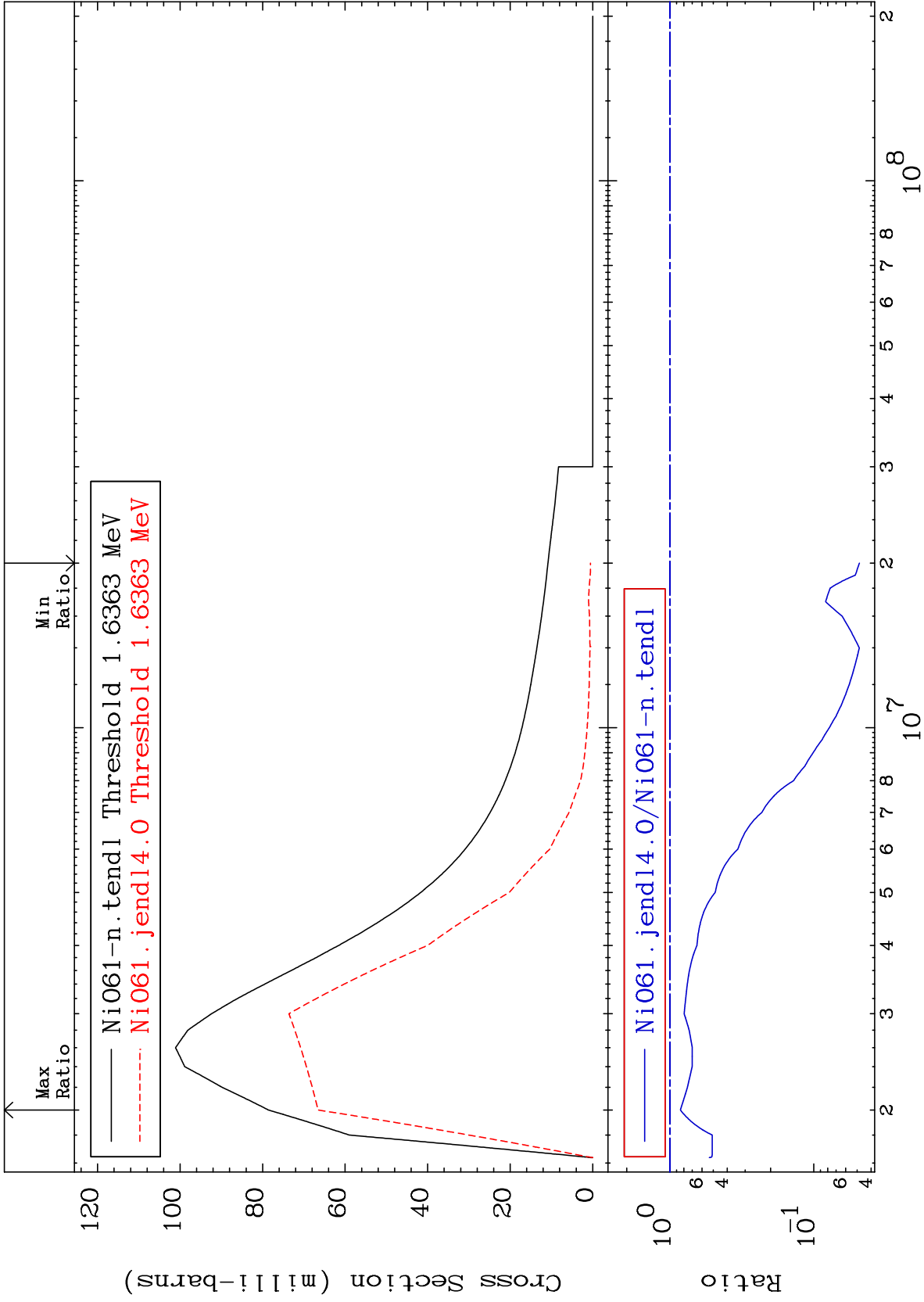
28-Ni-61
-97.59 To 168.5 %



MAT 2834

1.610 MeV (n,n') Level
Cross Section

28-Ni-61
-95.18 To -15.30%



18

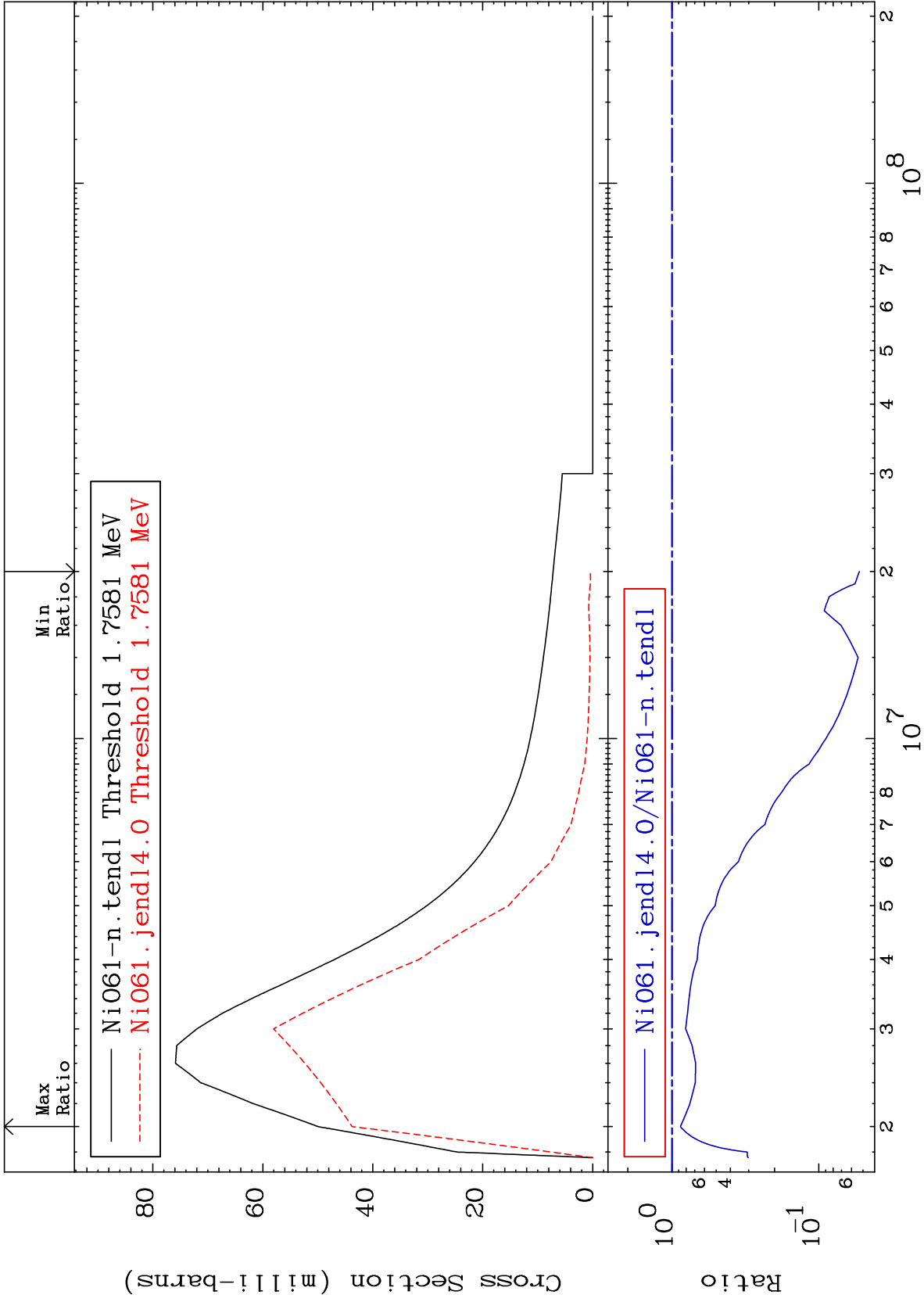
Incident Energy (eV)

28-Ni-61

MAT 2834

1.729 MeV (n,n') Level
Cross Section

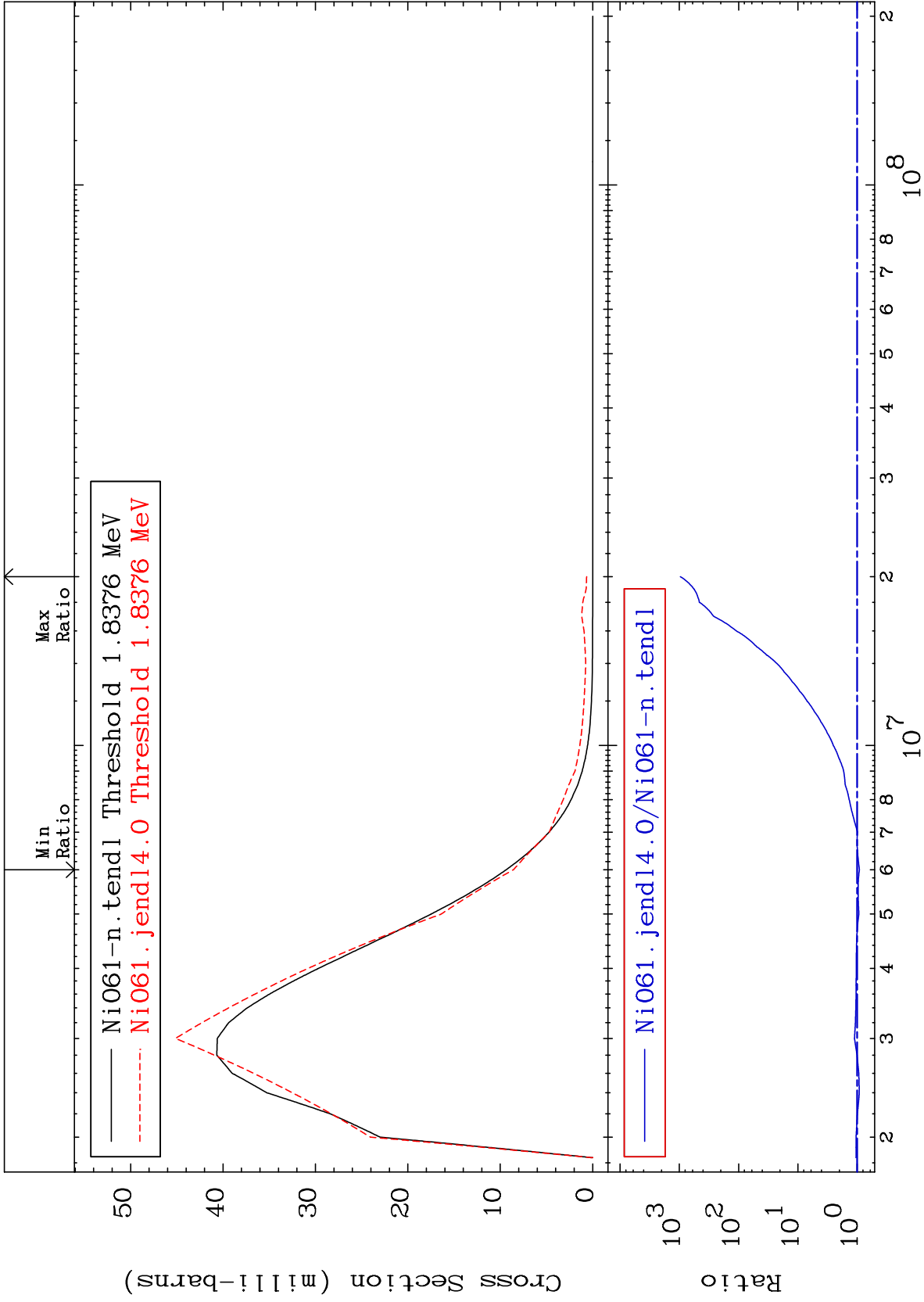
28-Ni-61
-94.71 To -12.37%



MAT 2834

1.808 MeV (n,n') Level
Cross Section

28-Ni-61
-8.272 To 9999. %



20

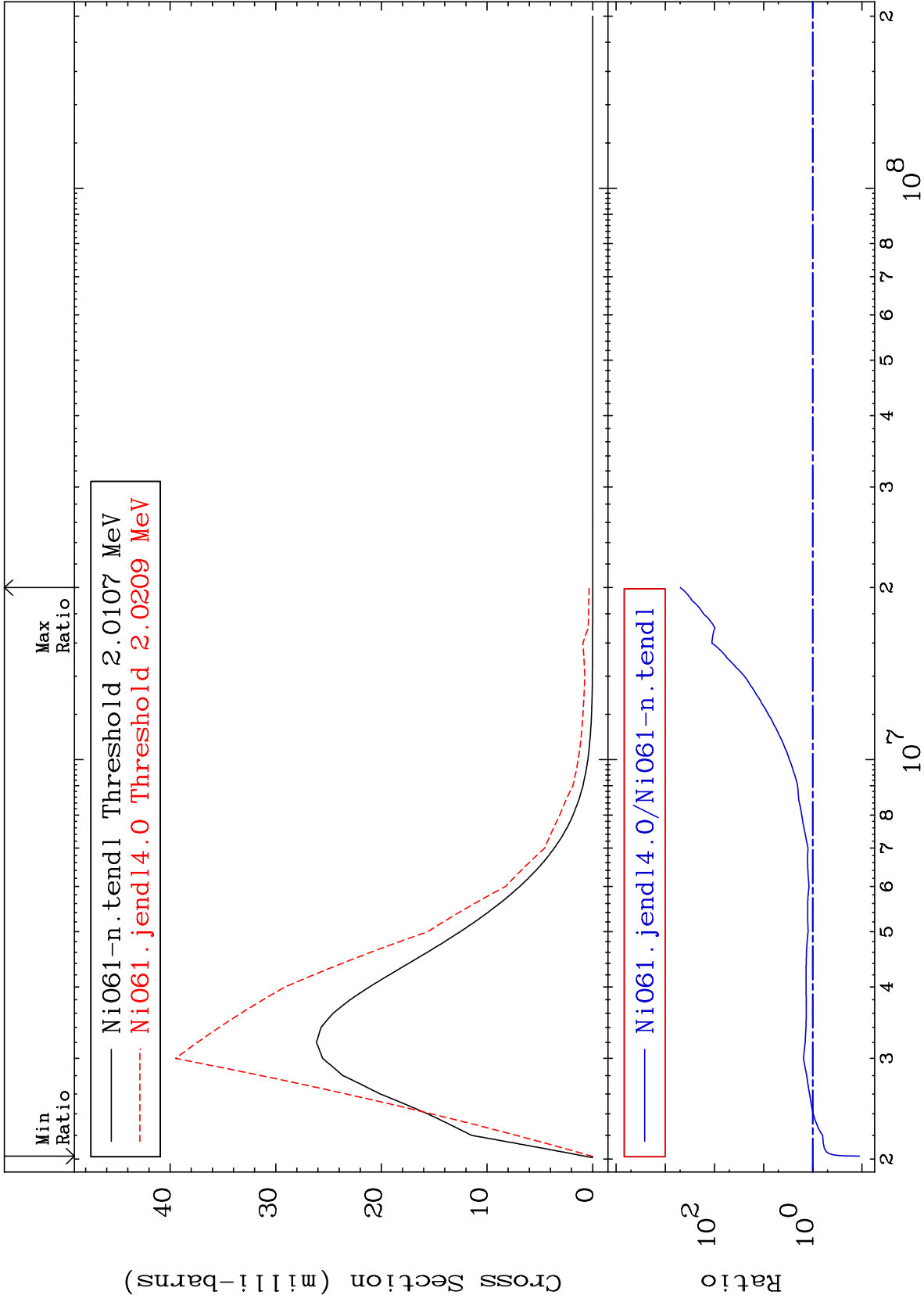
Incident Energy (eV)

28-Ni-61

MAT 2834

1.978 MeV (n,n') Level
Cross Section

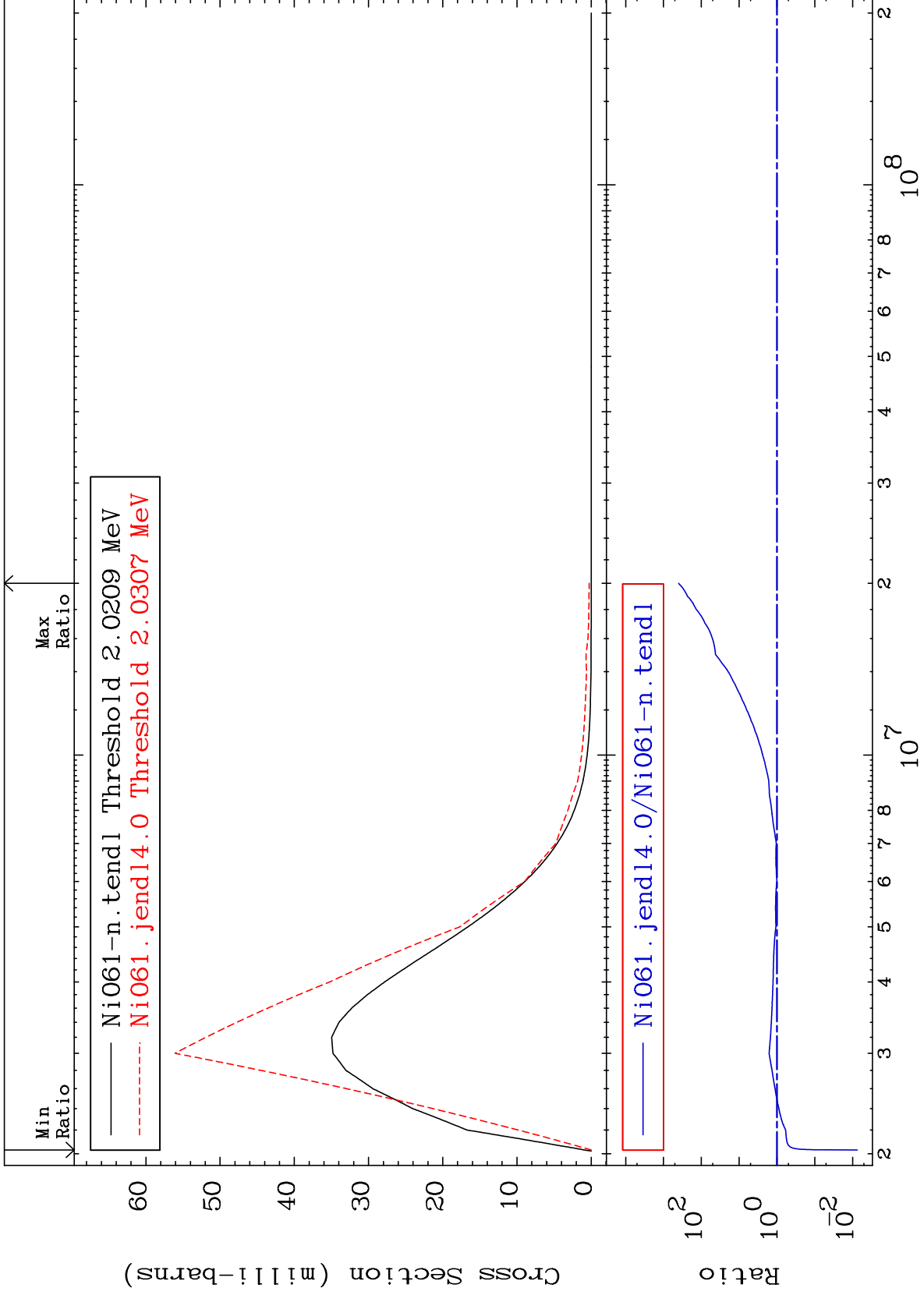
28-Ni-61
-88.75 To 9999. %



MAT 2834

1.988 MeV (n,n') Level
Cross Section

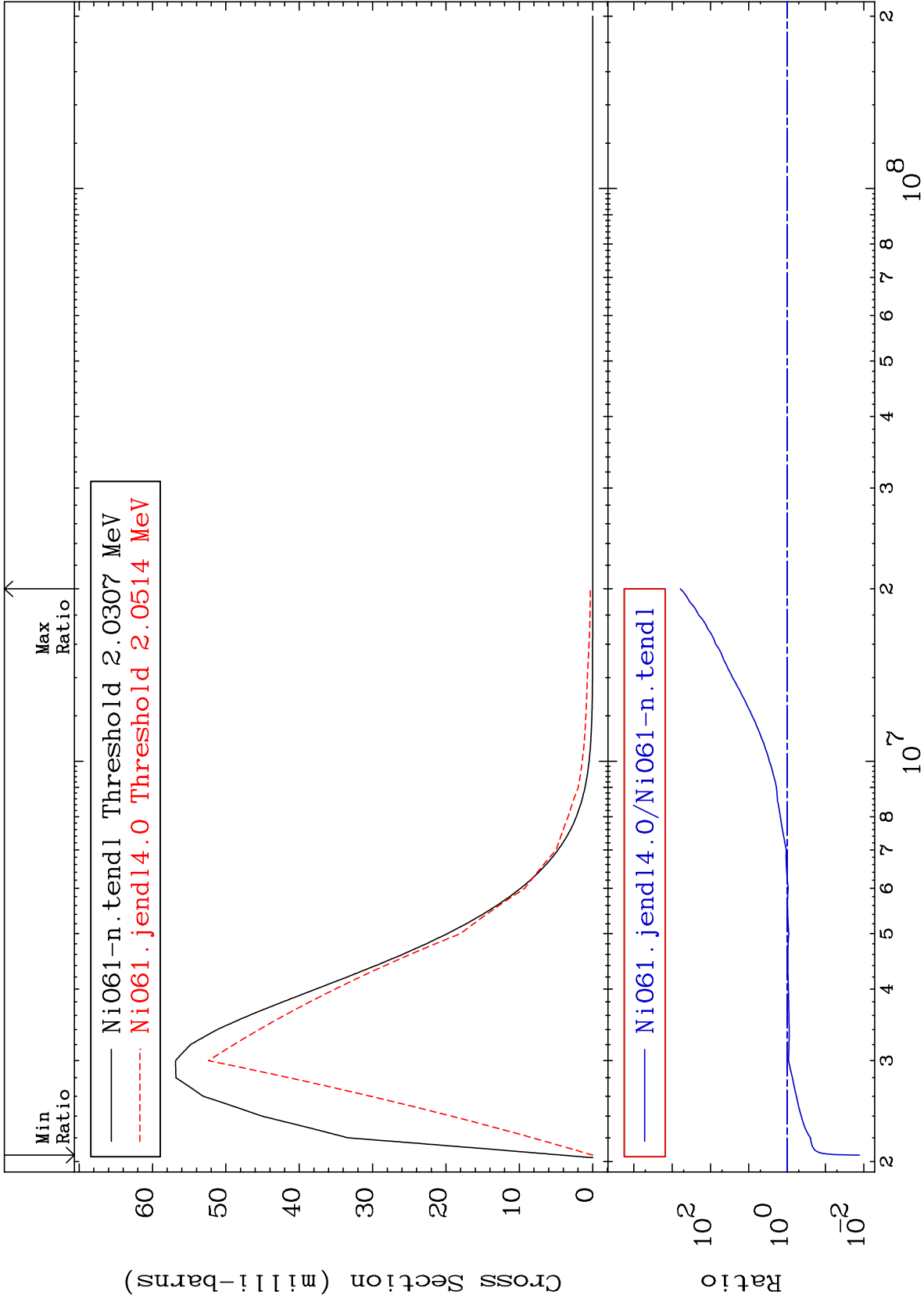
28-Ni-61
-99.25 To 9999. %



MAT 2834

1.998 MeV (n,n') Level
Cross Section

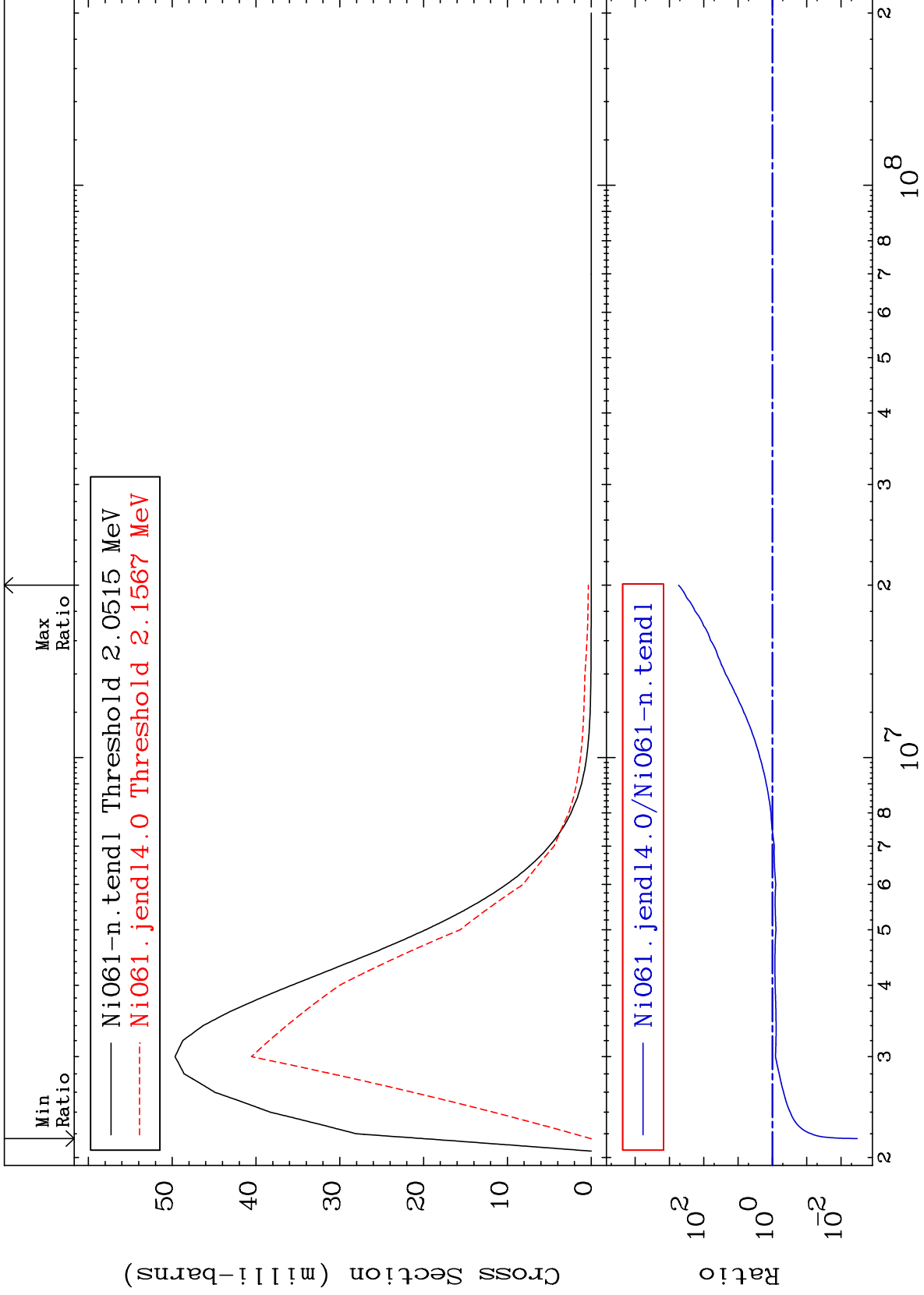
28-Ni-61
-98.70 To 9999. %



MAT 2834

2.018 MeV (n,n') Level
Cross Section

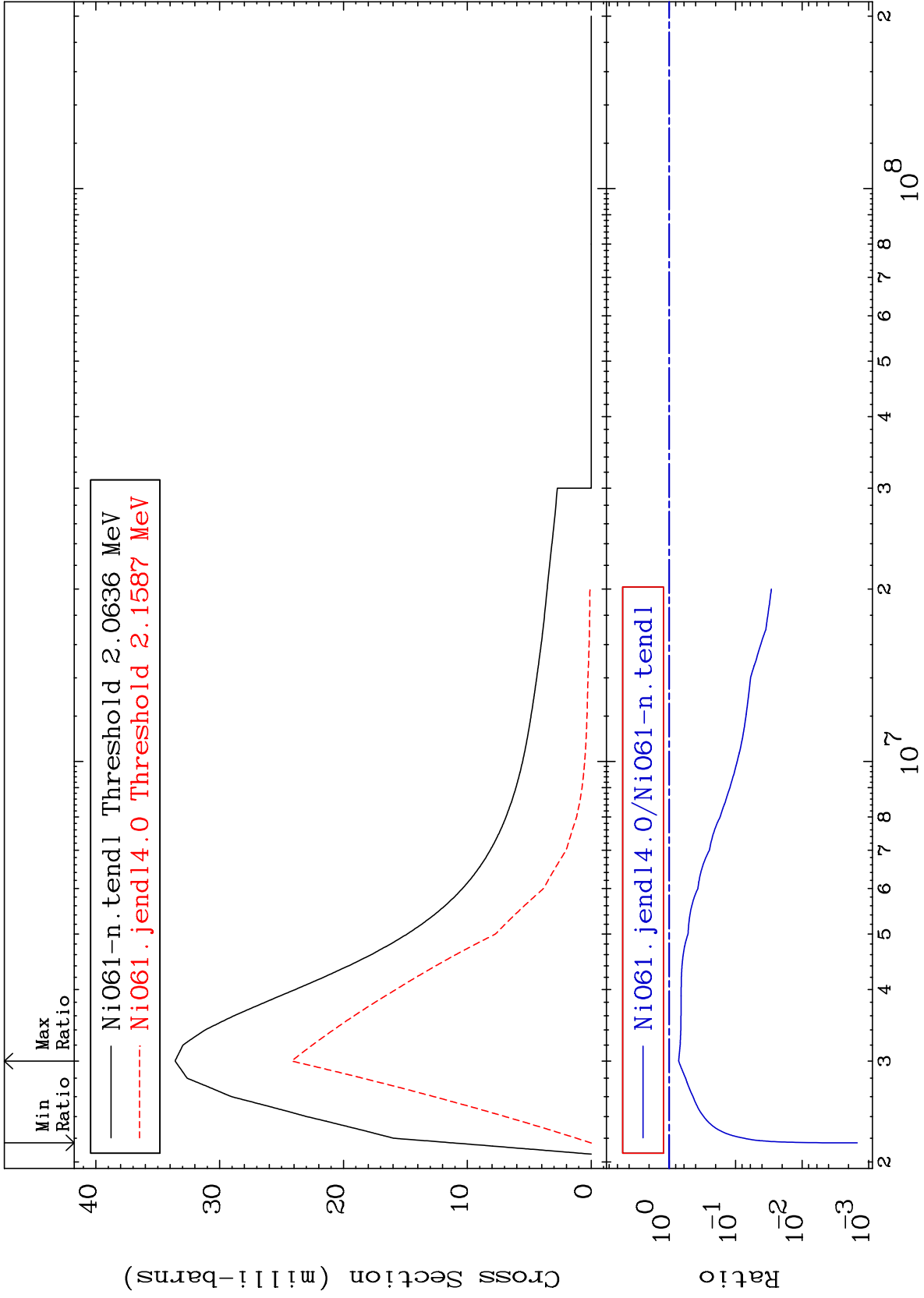
28-Ni-61
-99.66 To 9999. %

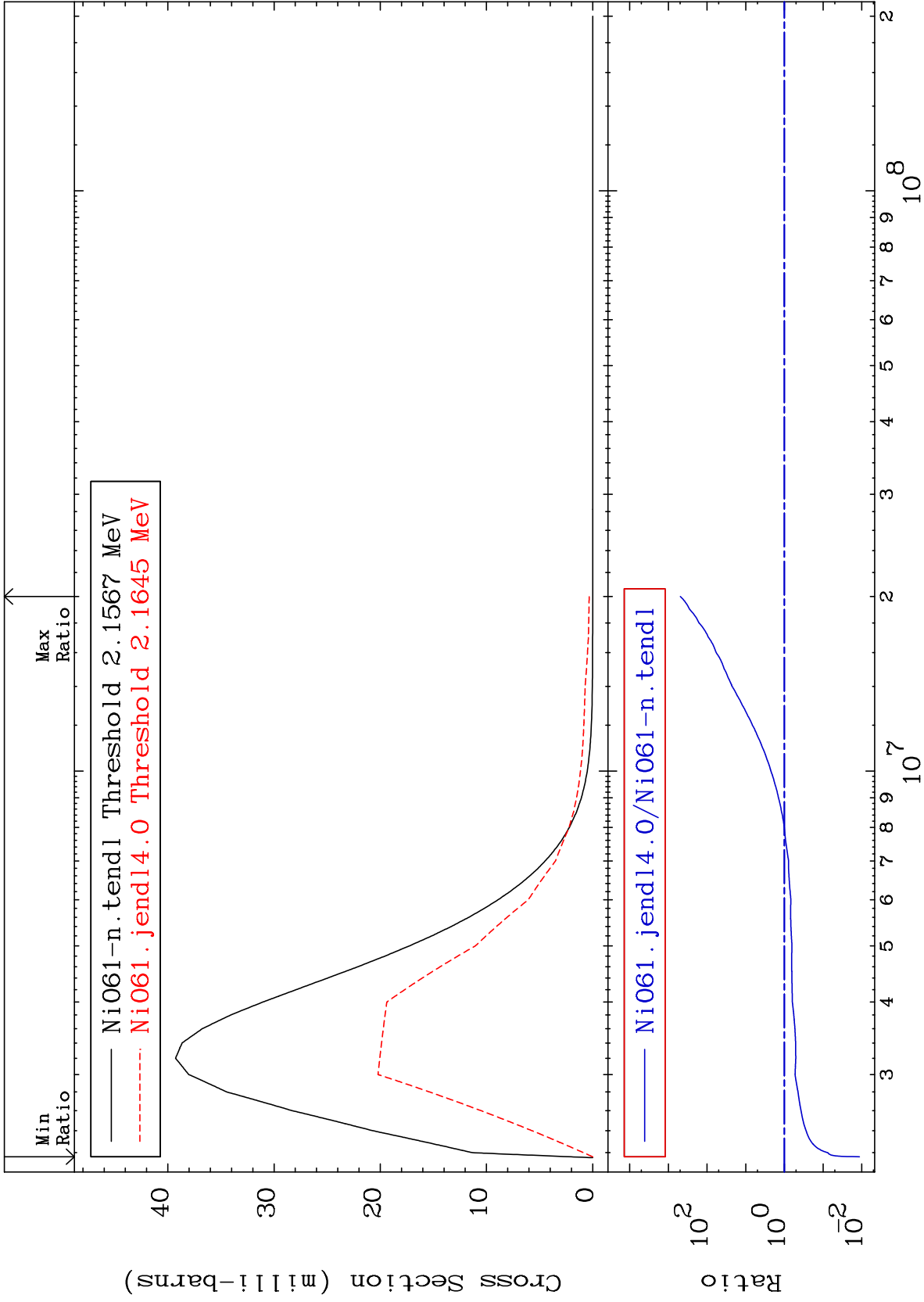


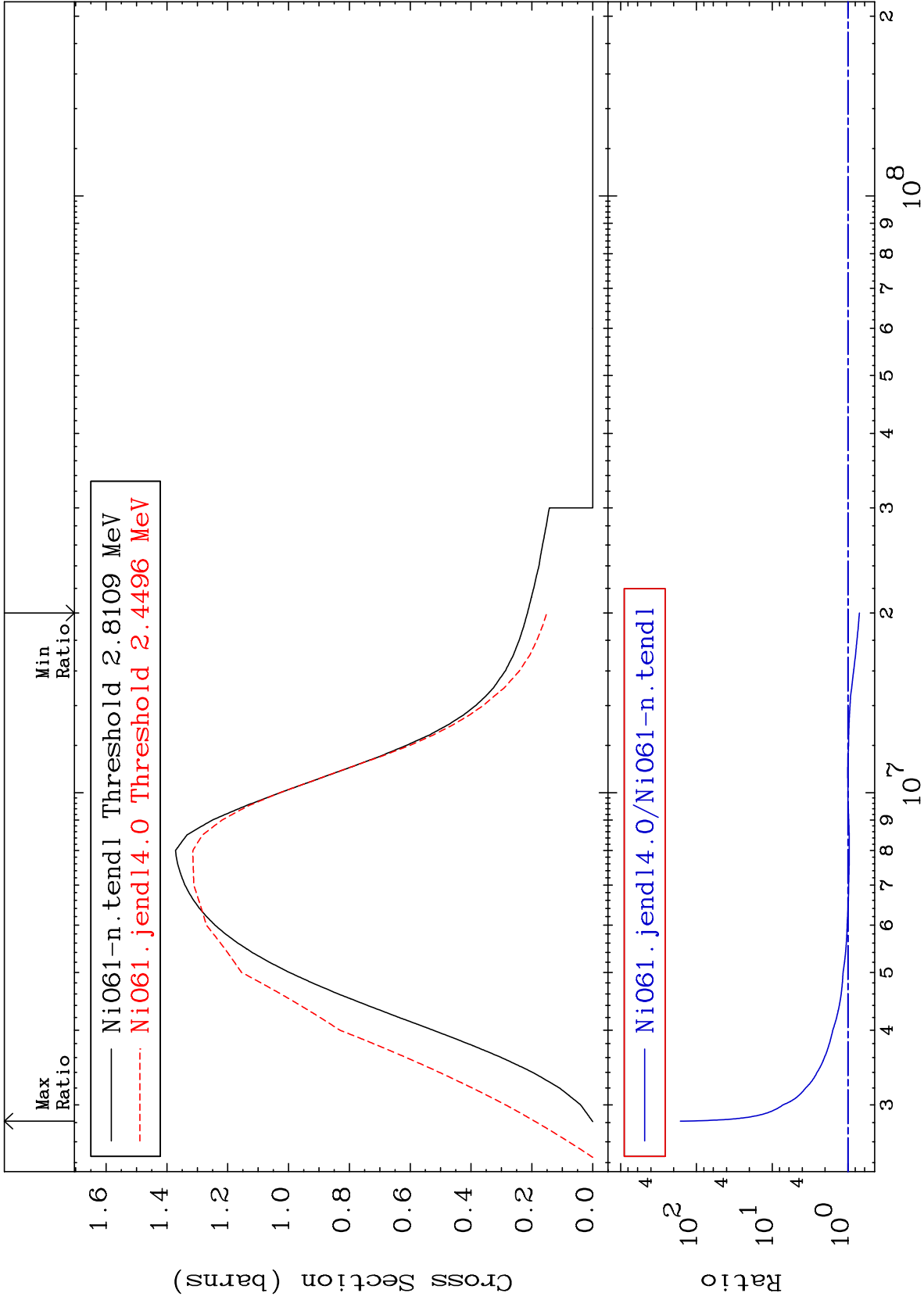
MAT 2834

2.030 MeV (n,n') Level
Cross Section

28-Ni-61
-99.85 To -28.01%







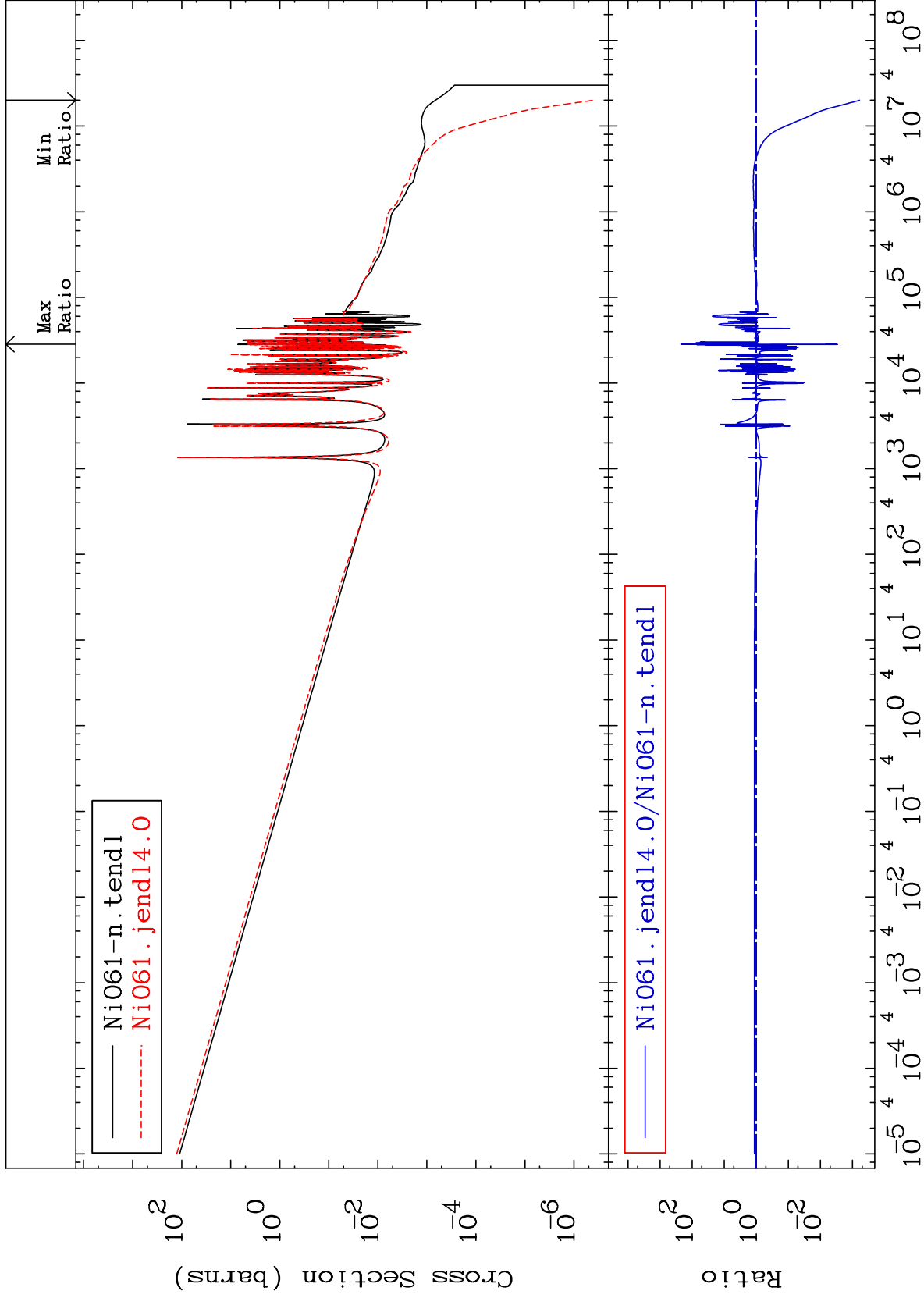
MAT 2834

(n, γ)

28-Ni-61

Cross Section

-99.94 To 9999. %



28

Incident Energy (eV)

28-Ni-61

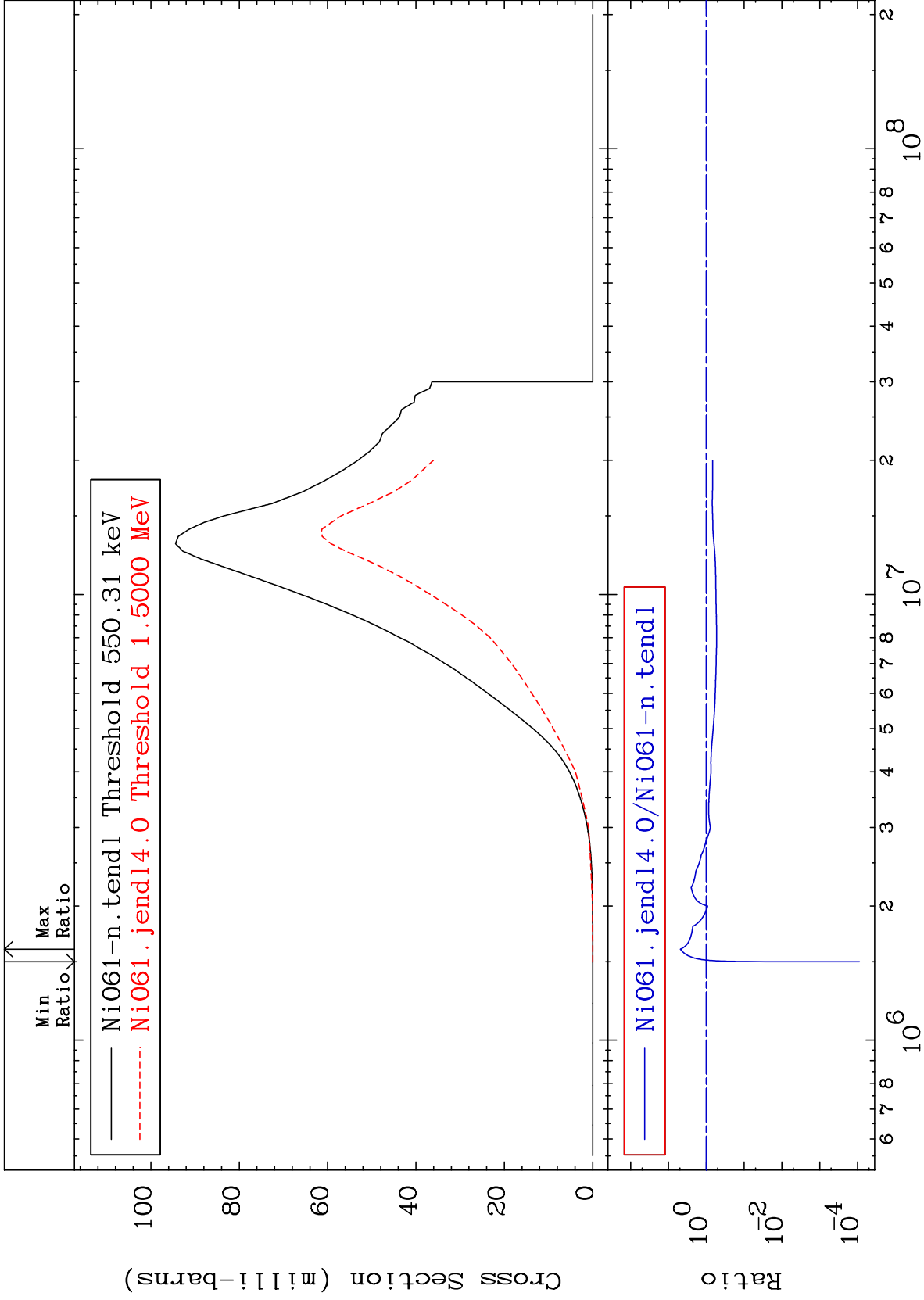
MAT 2834

(n,p)

28-Ni-61

Cross Section

-99.99 To 385.6 %



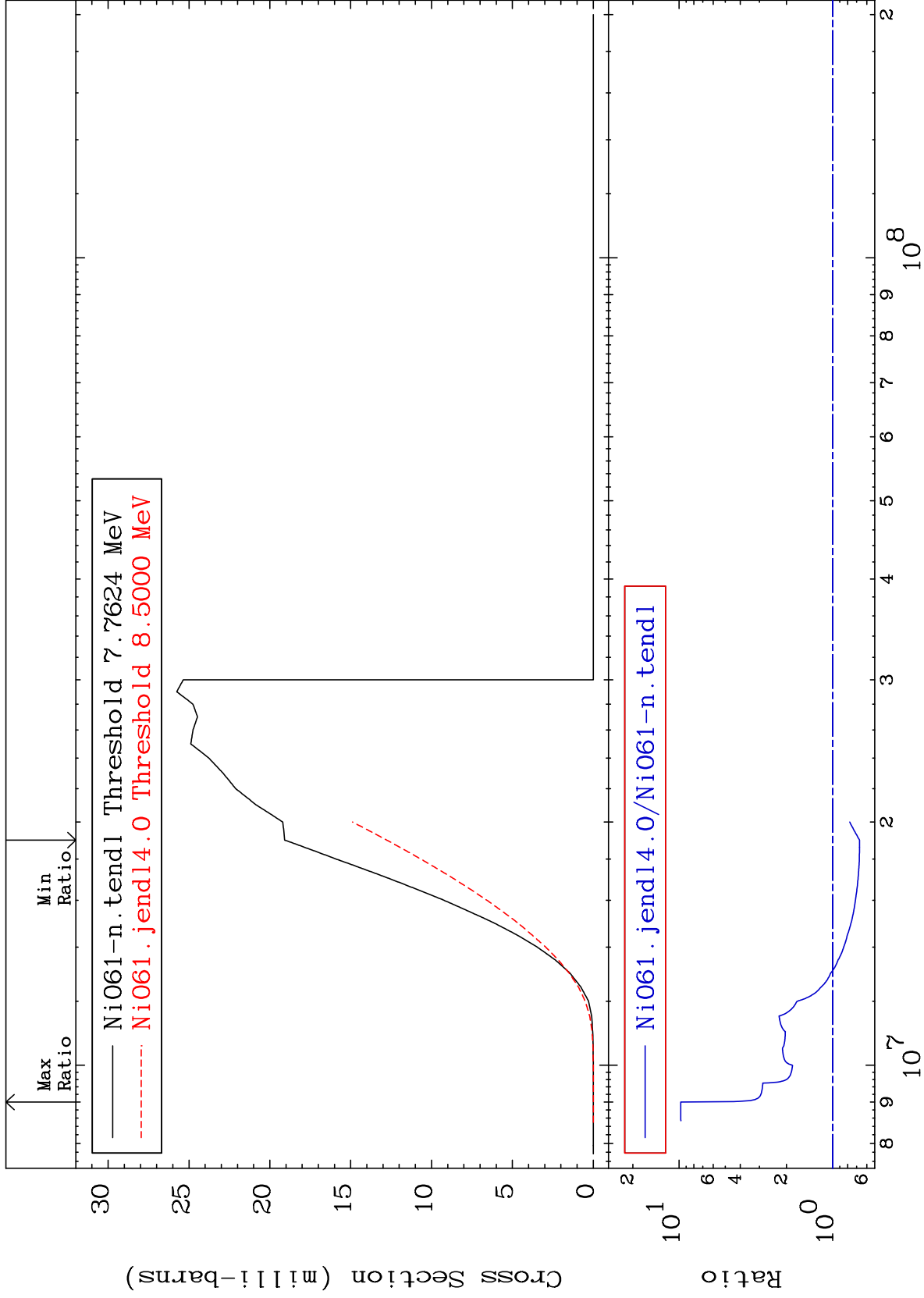
MAT 2834

(n, d)

28-Ni-61

Cross Section

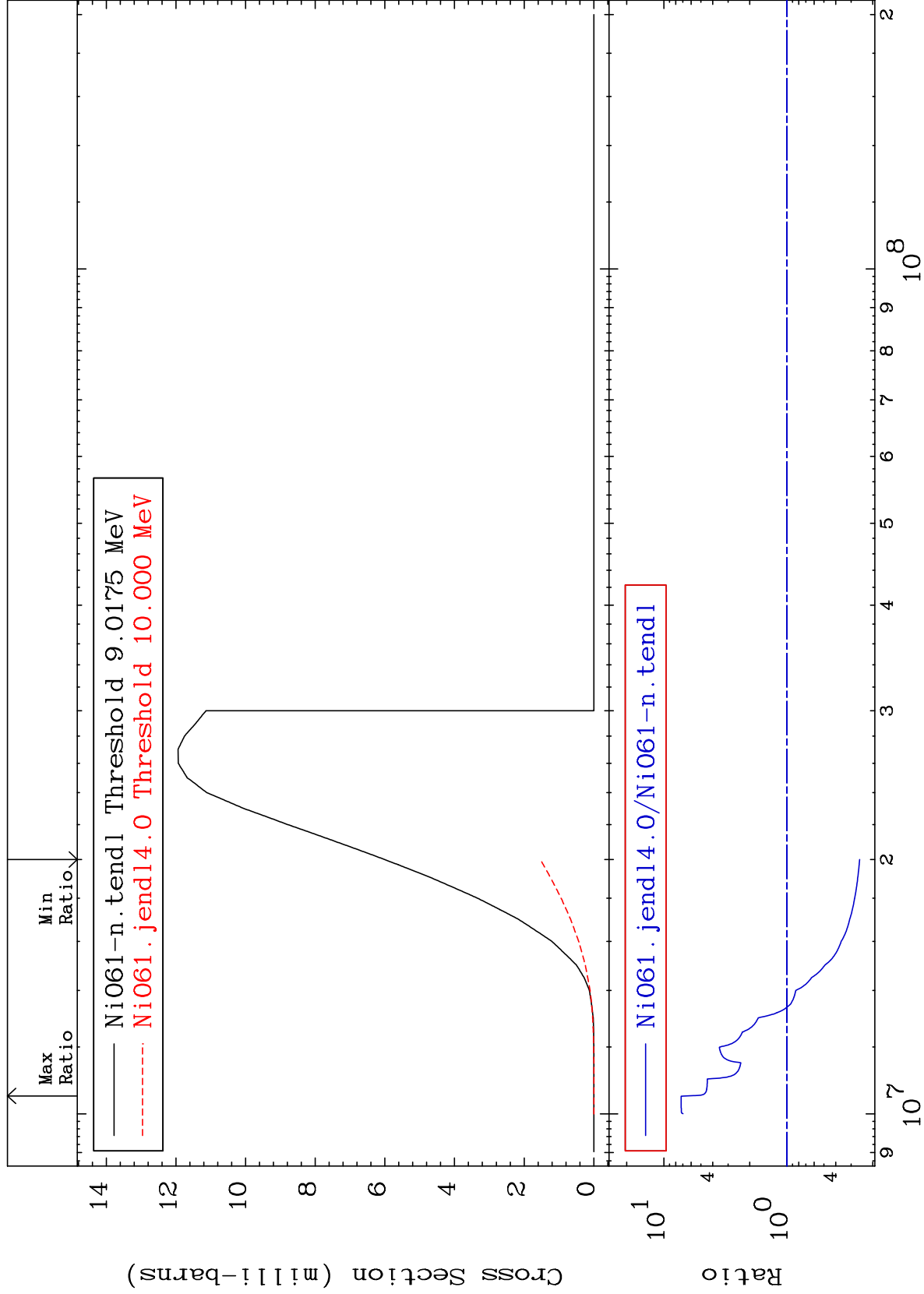
-33.06 To 874.4 %

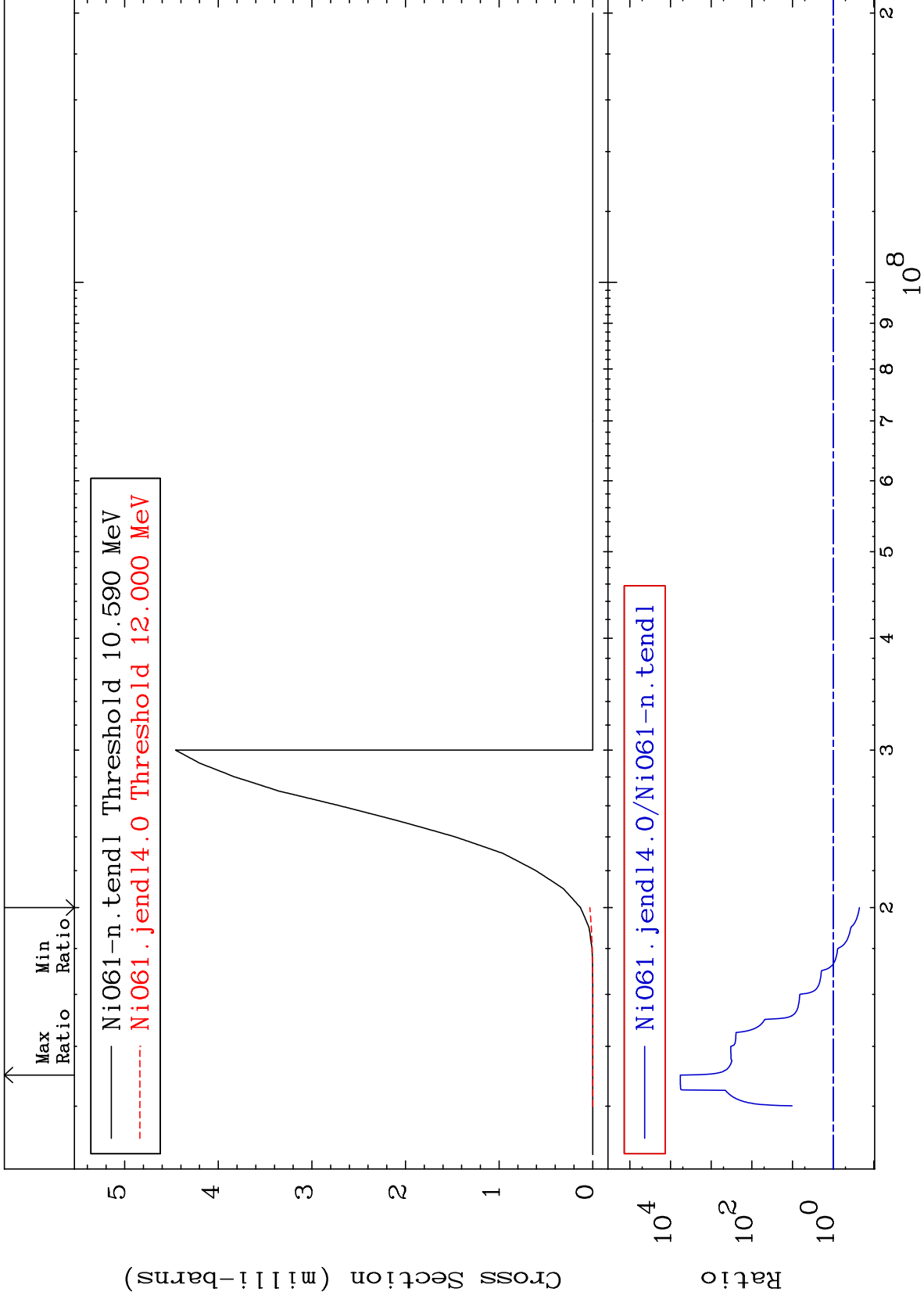


30

Incident Energy (eV)

28-Ni-61





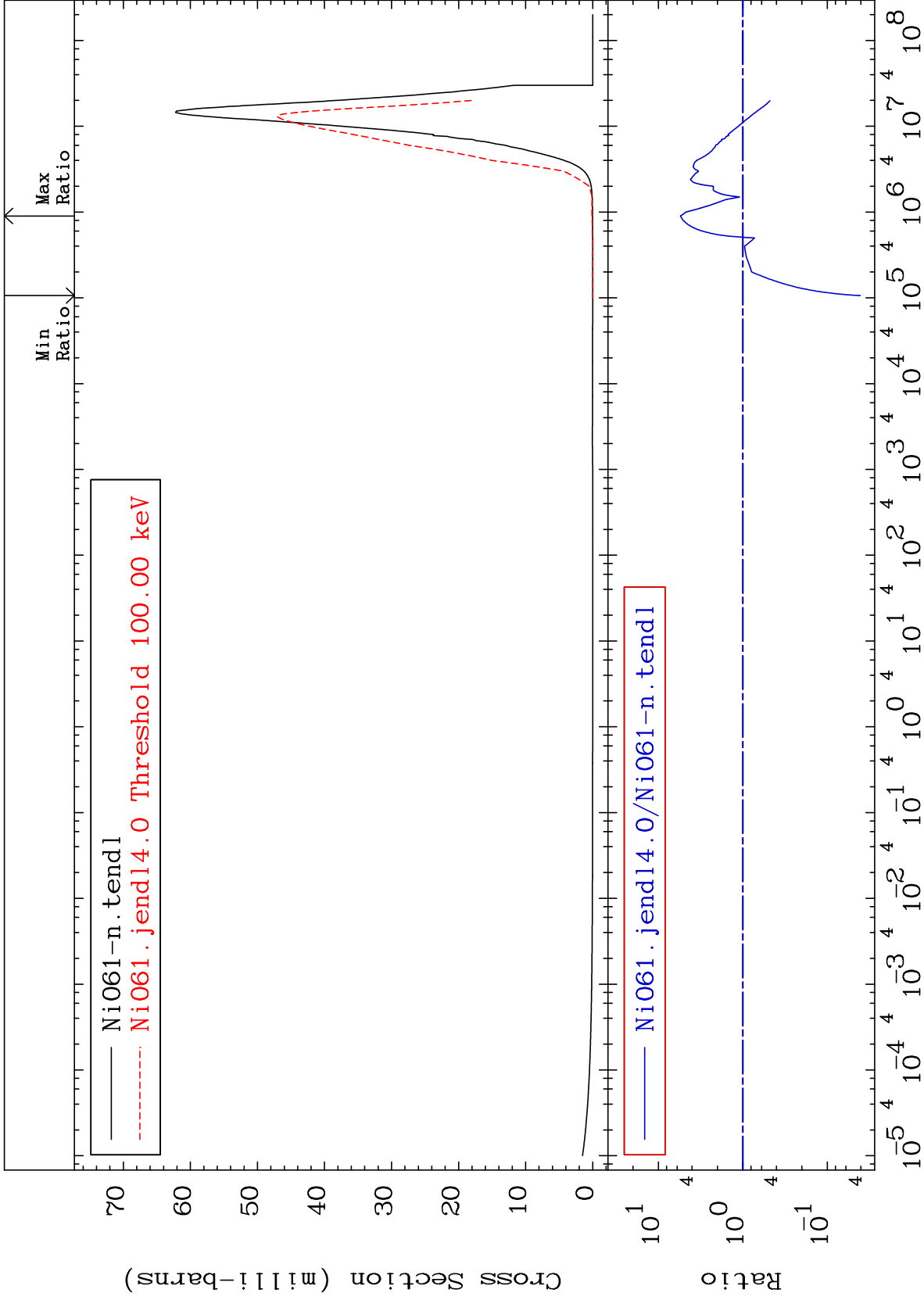
MAT 2834

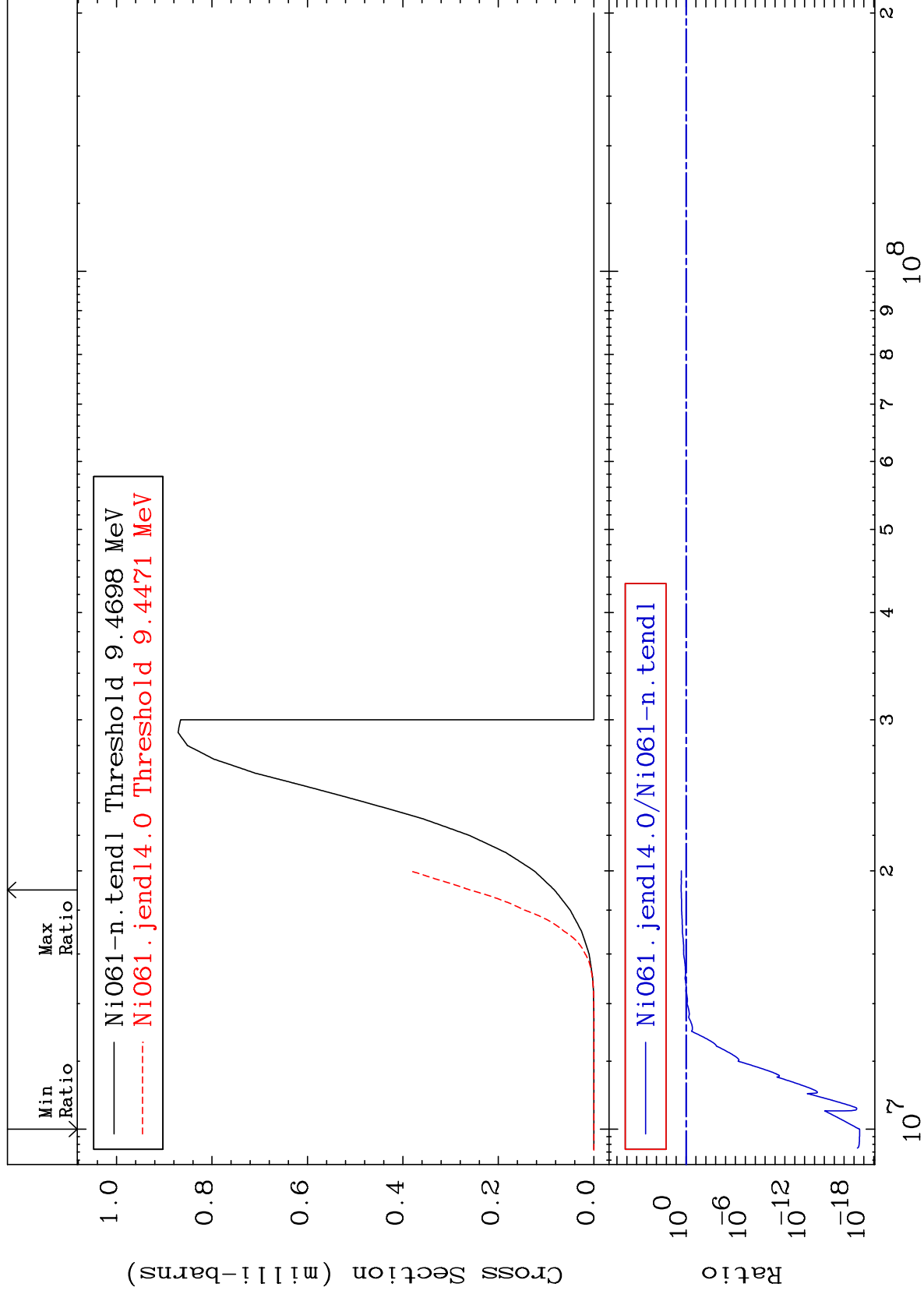
(n, α)

28-Ni-61

Cross Section

-95.84 To 450.2 %

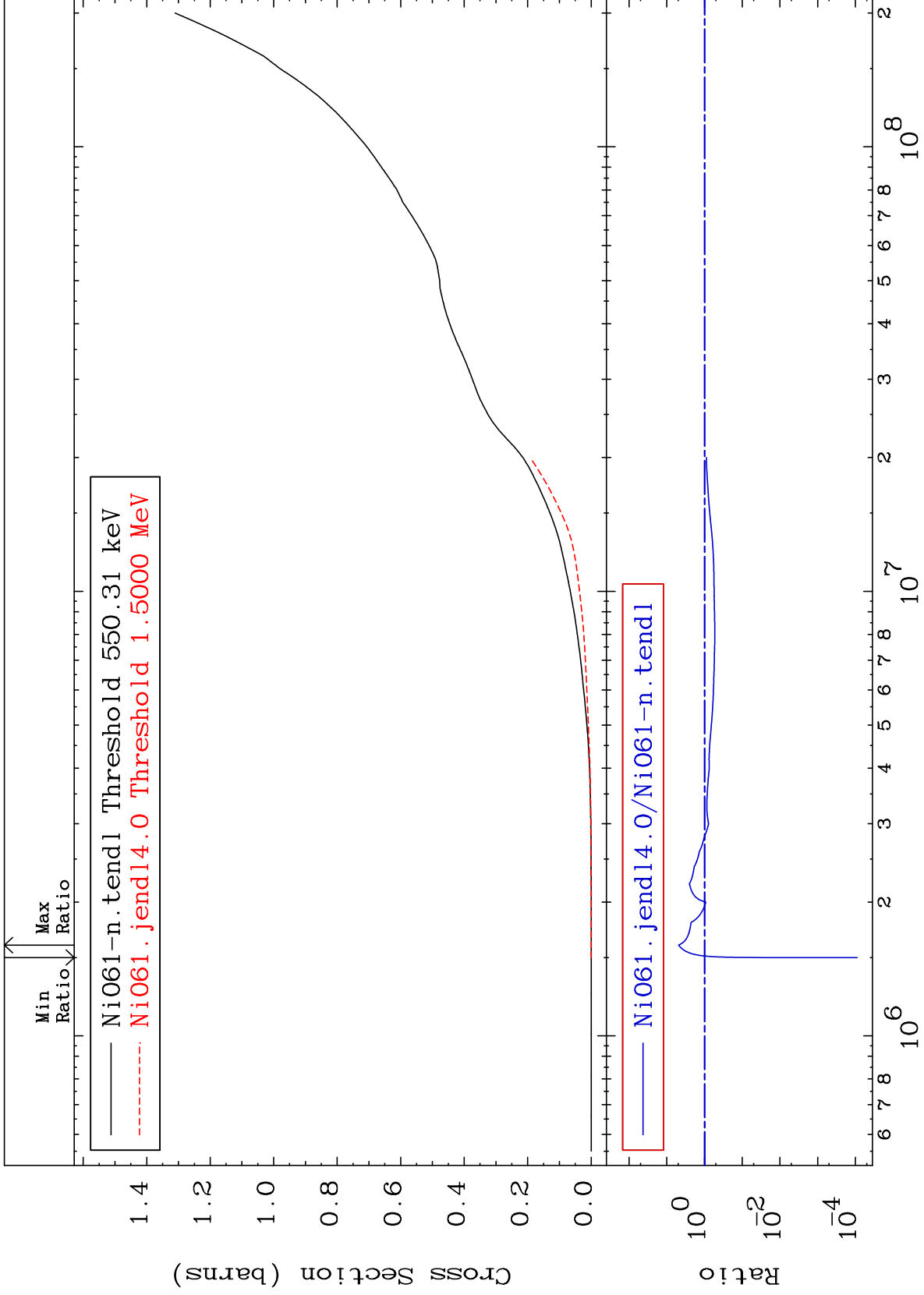




MAT 2834

Hydrogen Production
Cross Section

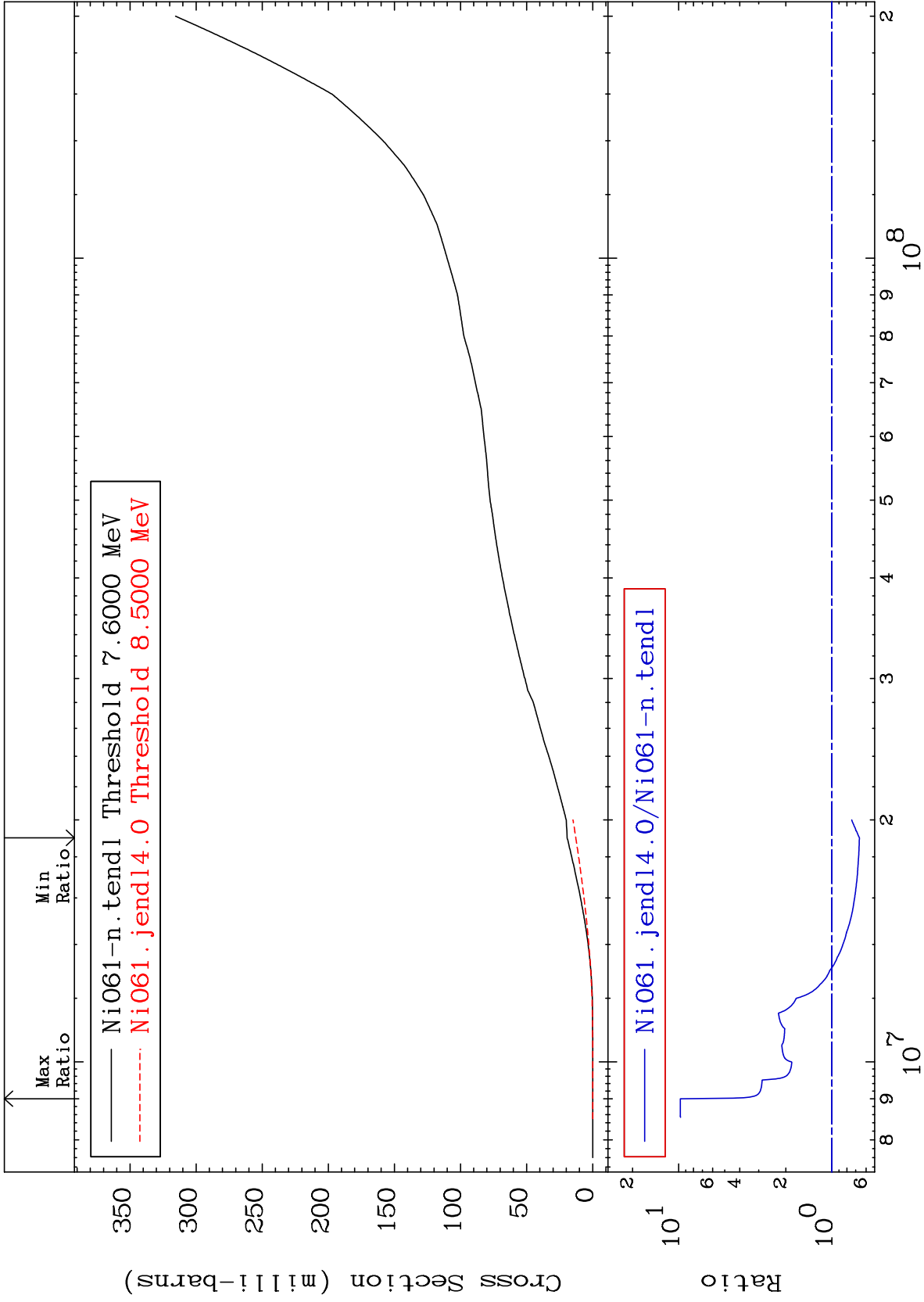
²⁸Ni-61
-99.99 To 385.6 %



35

Incident Energy (eV)

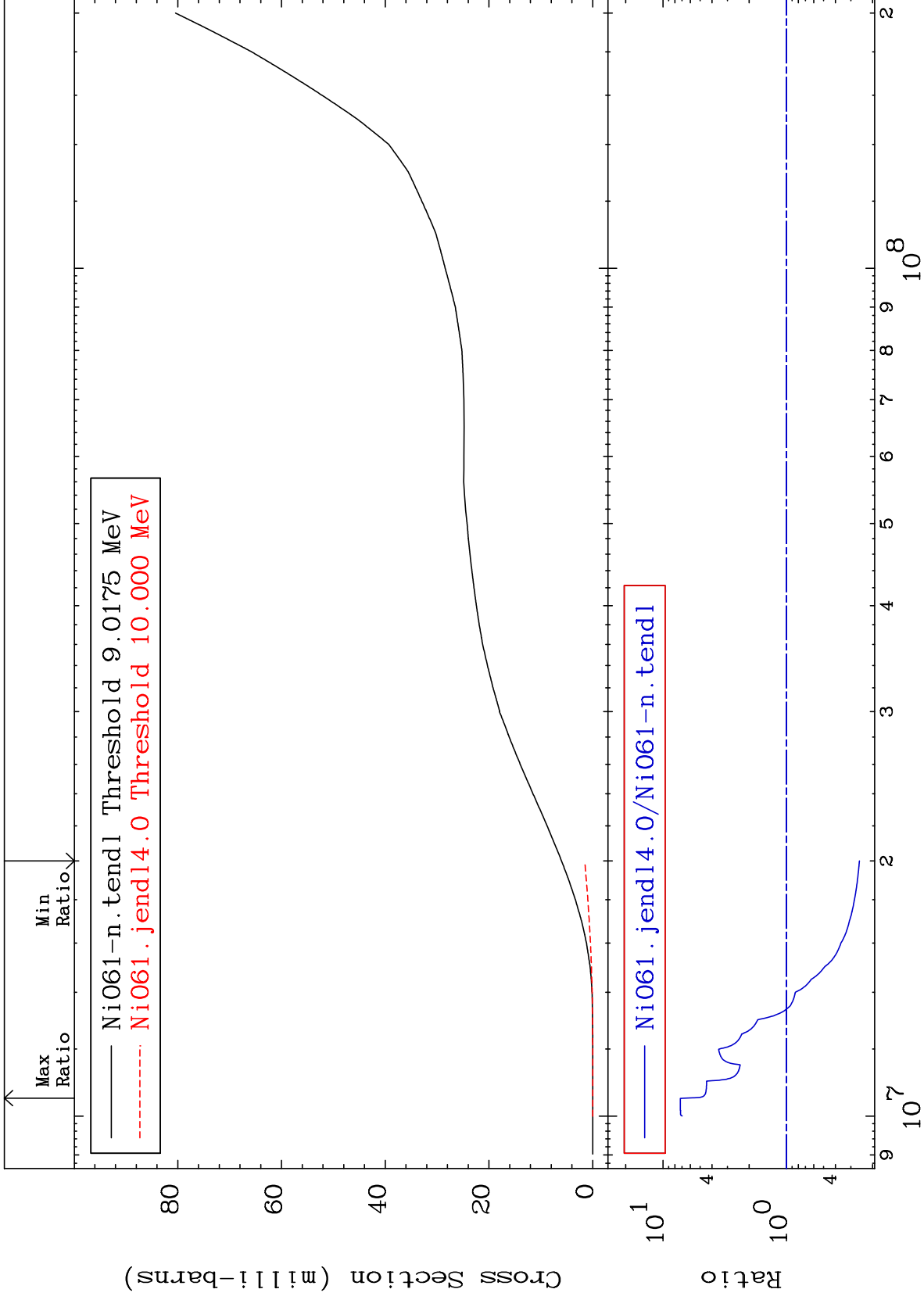
²⁸Ni-61



MAT 2834

Tritium Production
Cross Section

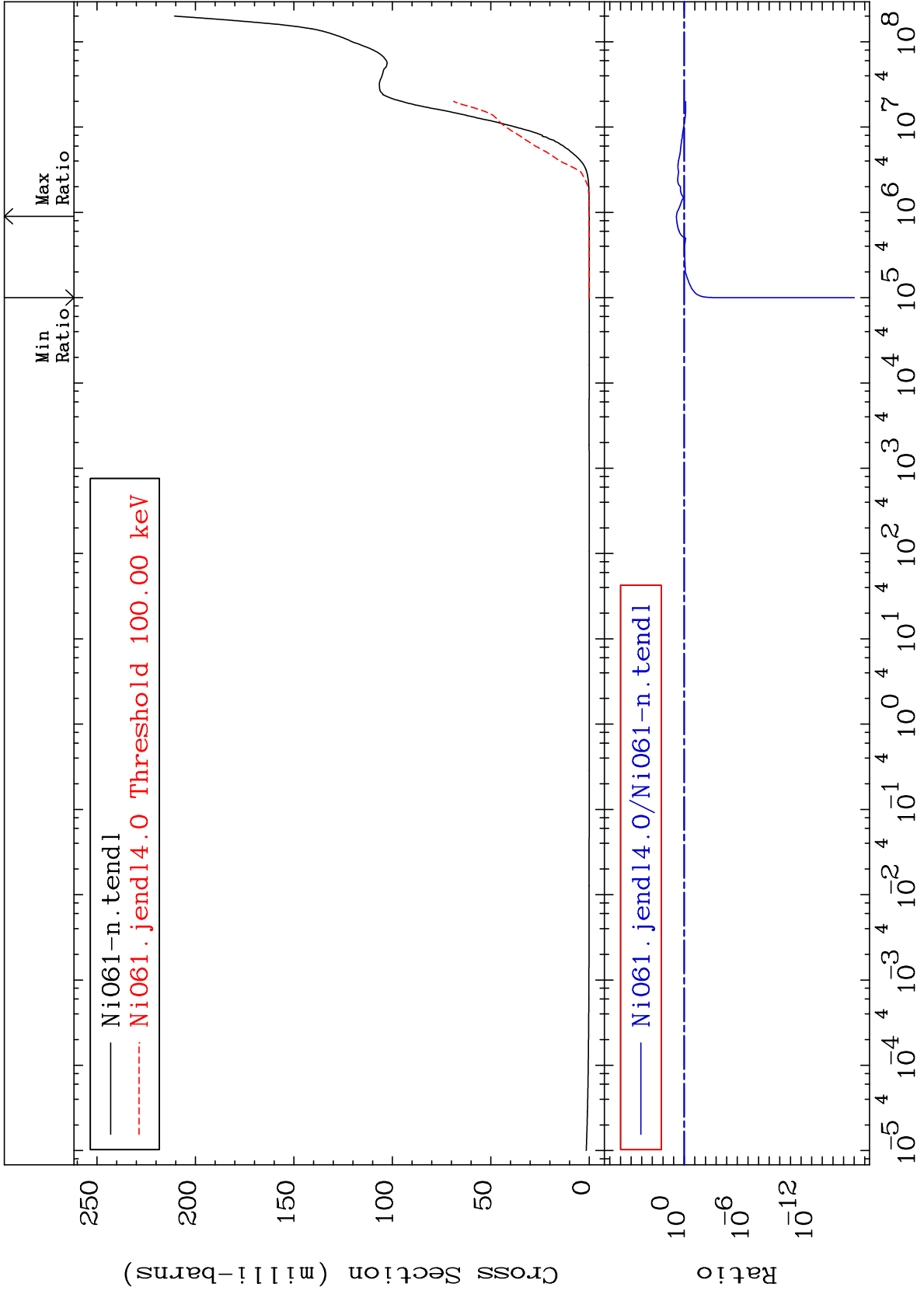
28-Ni-61
-74.40 To 622.5 %



37

Incident Energy (eV)

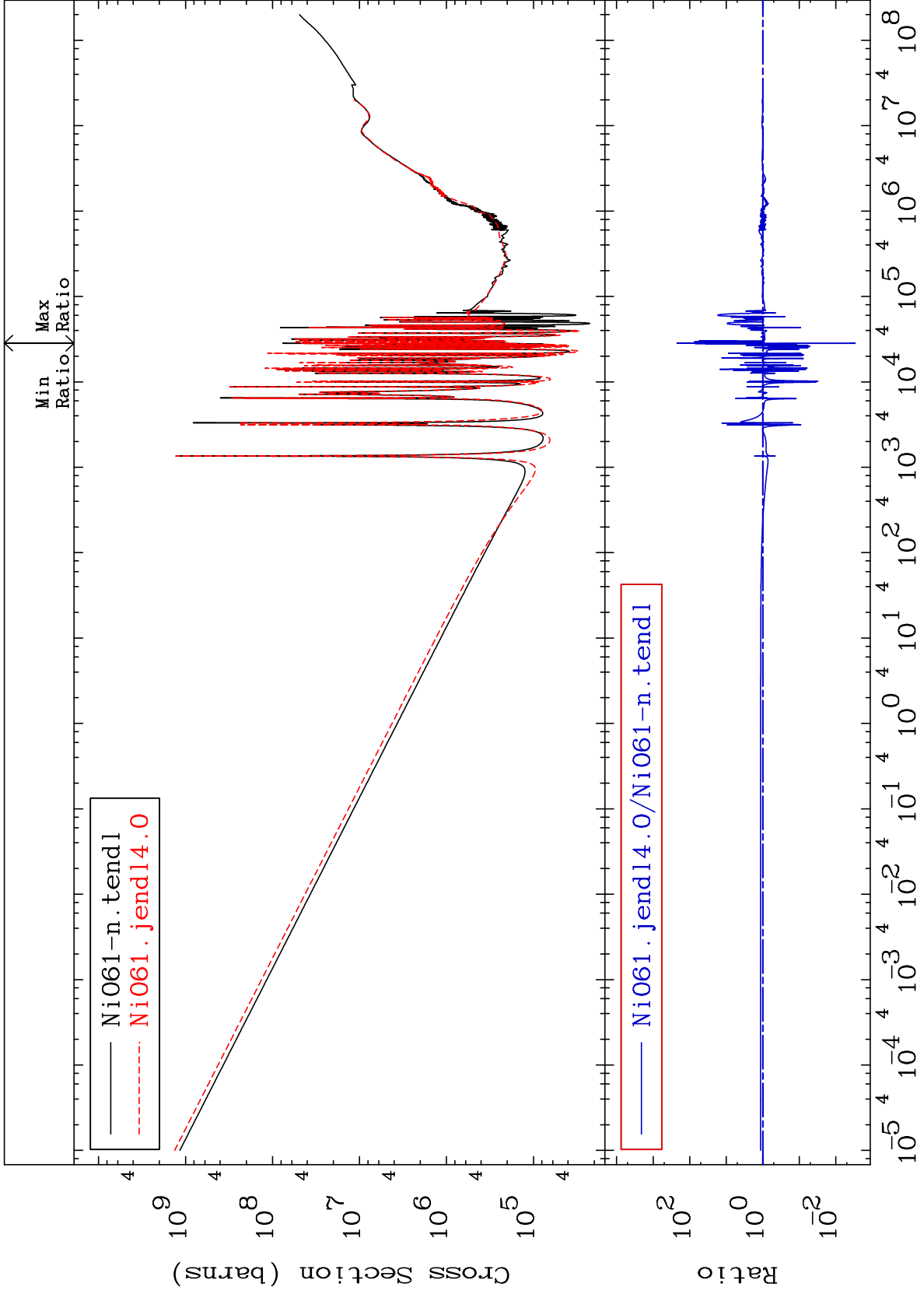
28-Ni-61



MAT 2834

Kerma total (eV-barns)
Cross Section

28-Ni-61
-99.70 To 9999. %



40

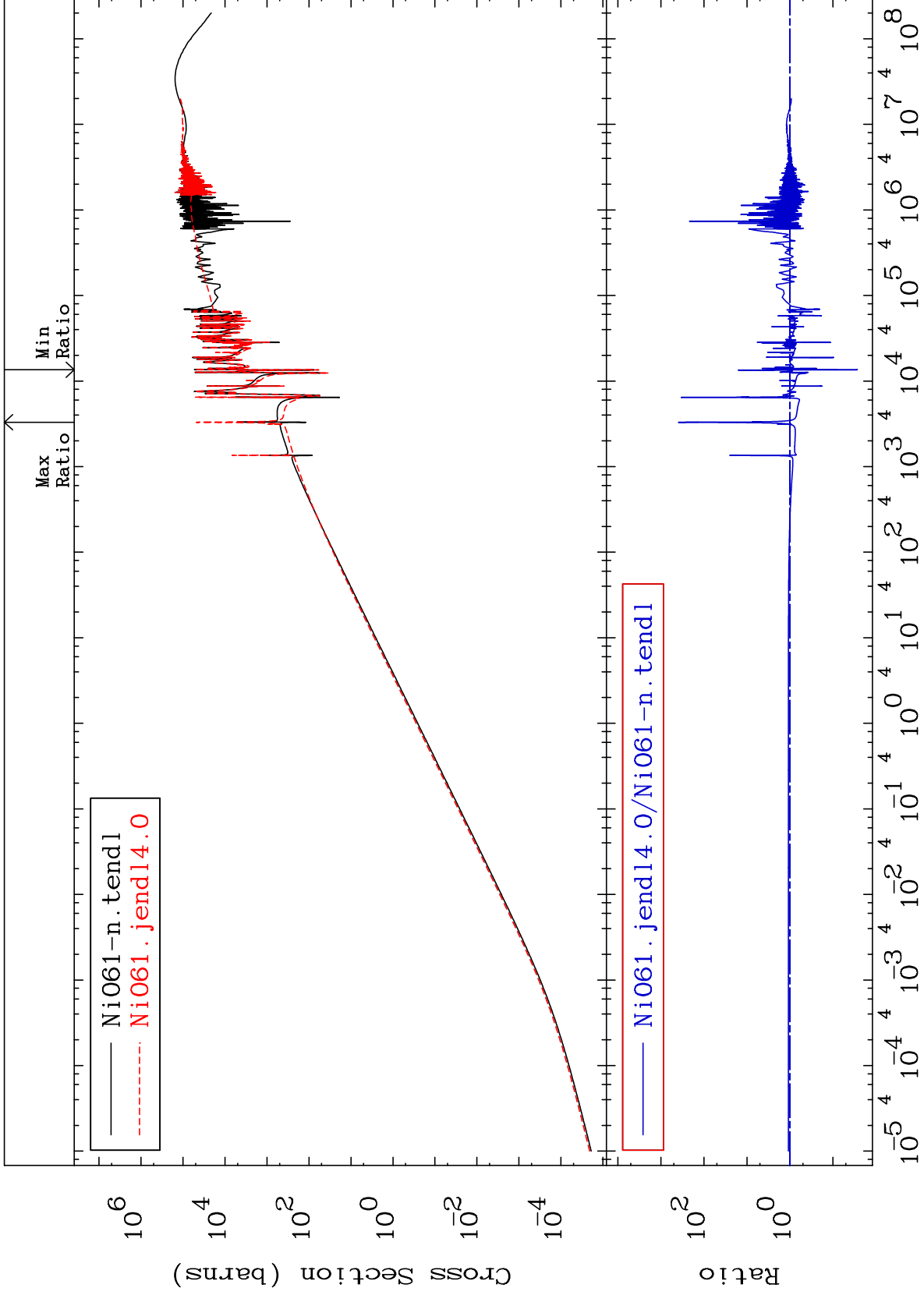
Incident Energy (eV)

28-Ni-61

MAT 2834

Kerma elastic
Cross Section

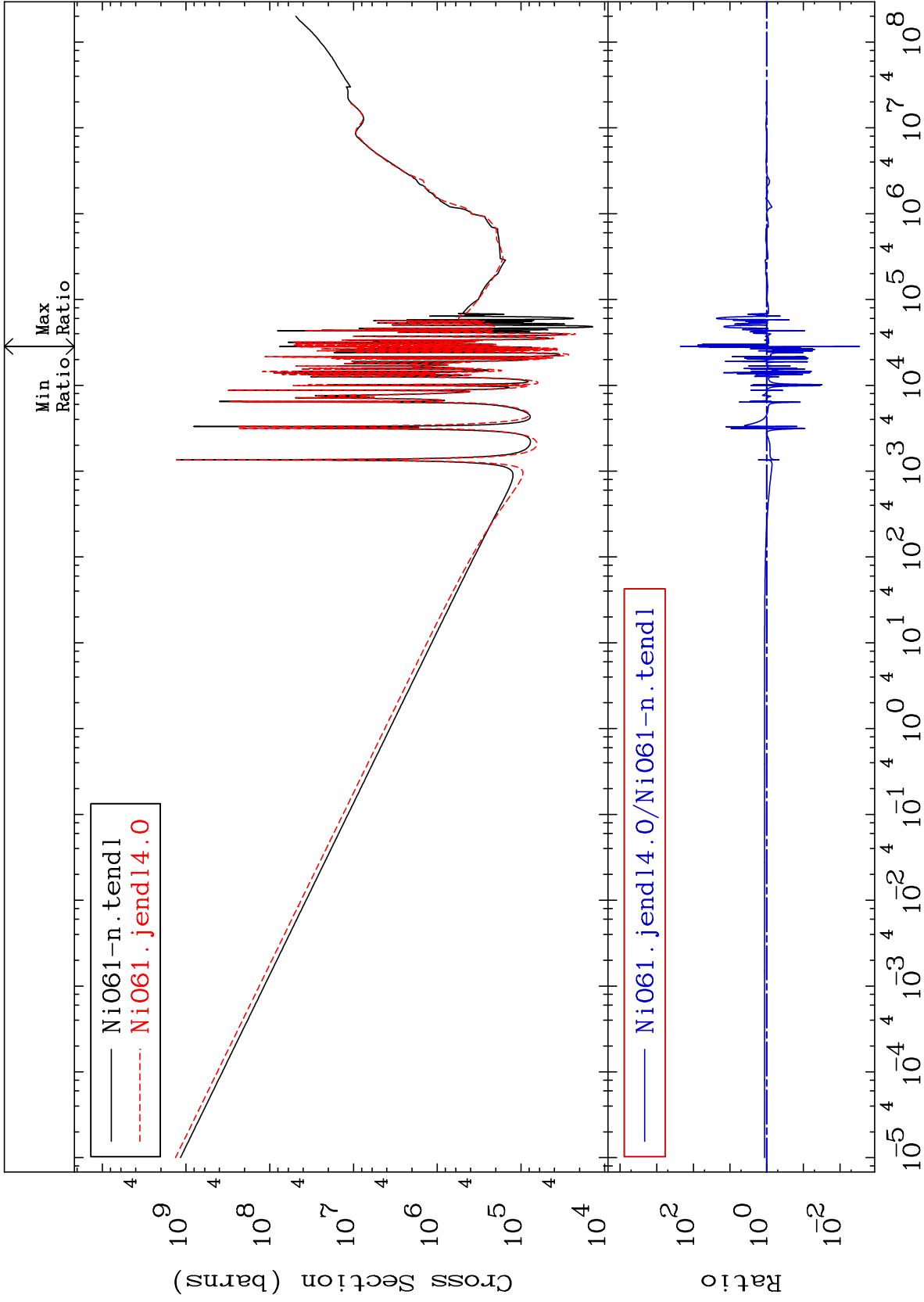
28-Ni-61
-97.28 To 9999. %

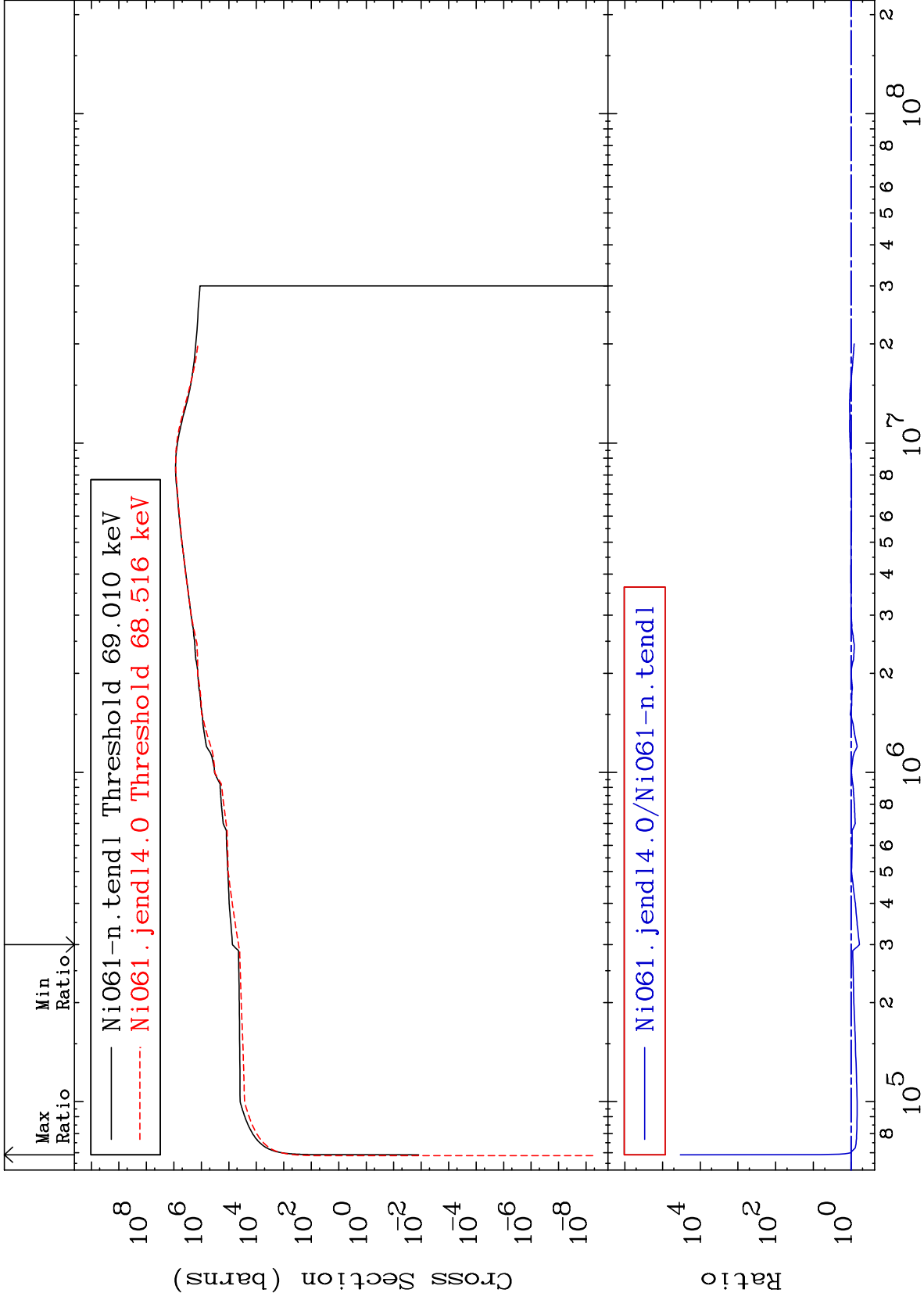


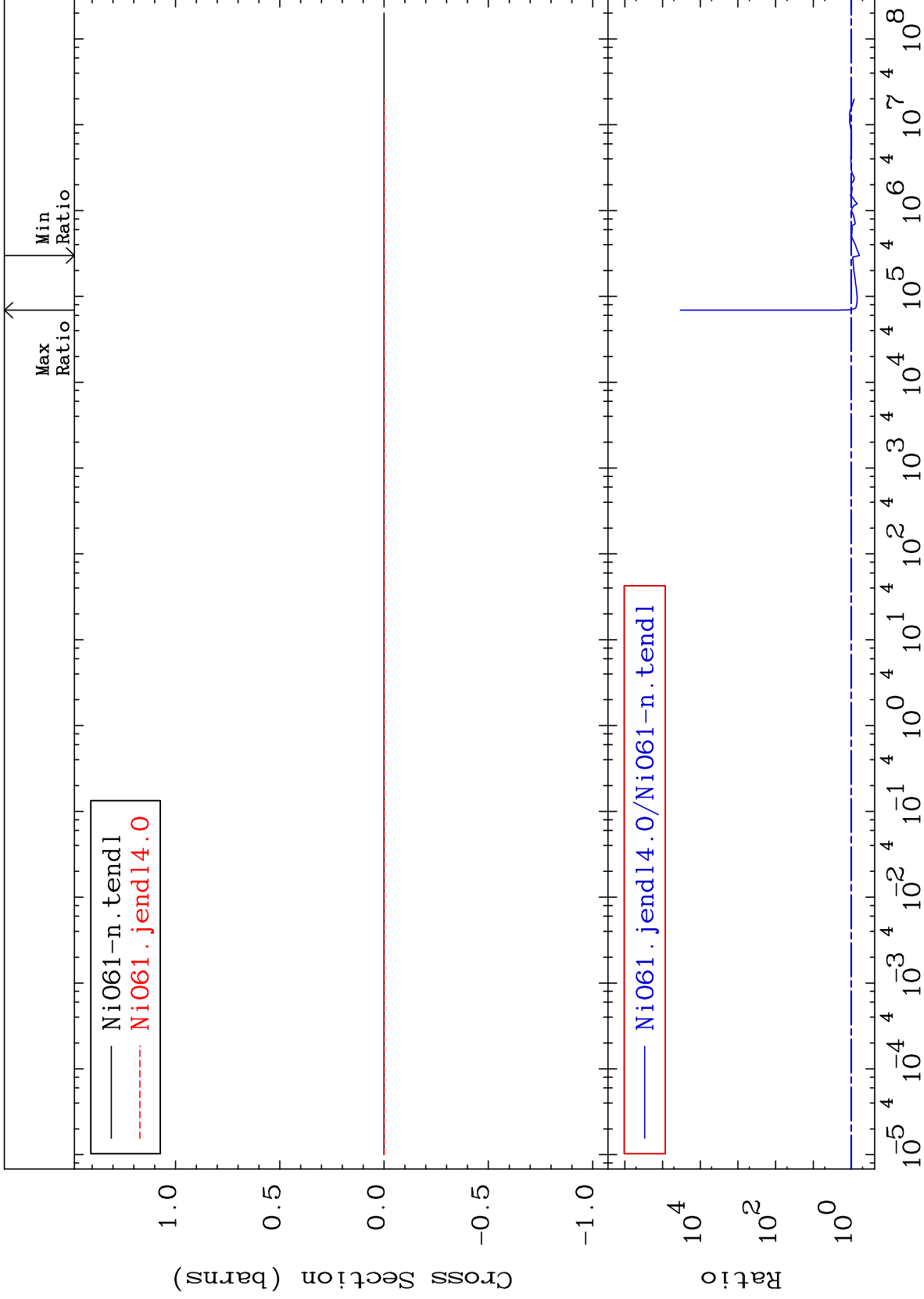
41

Incident Energy (eV)

28-Ni-61



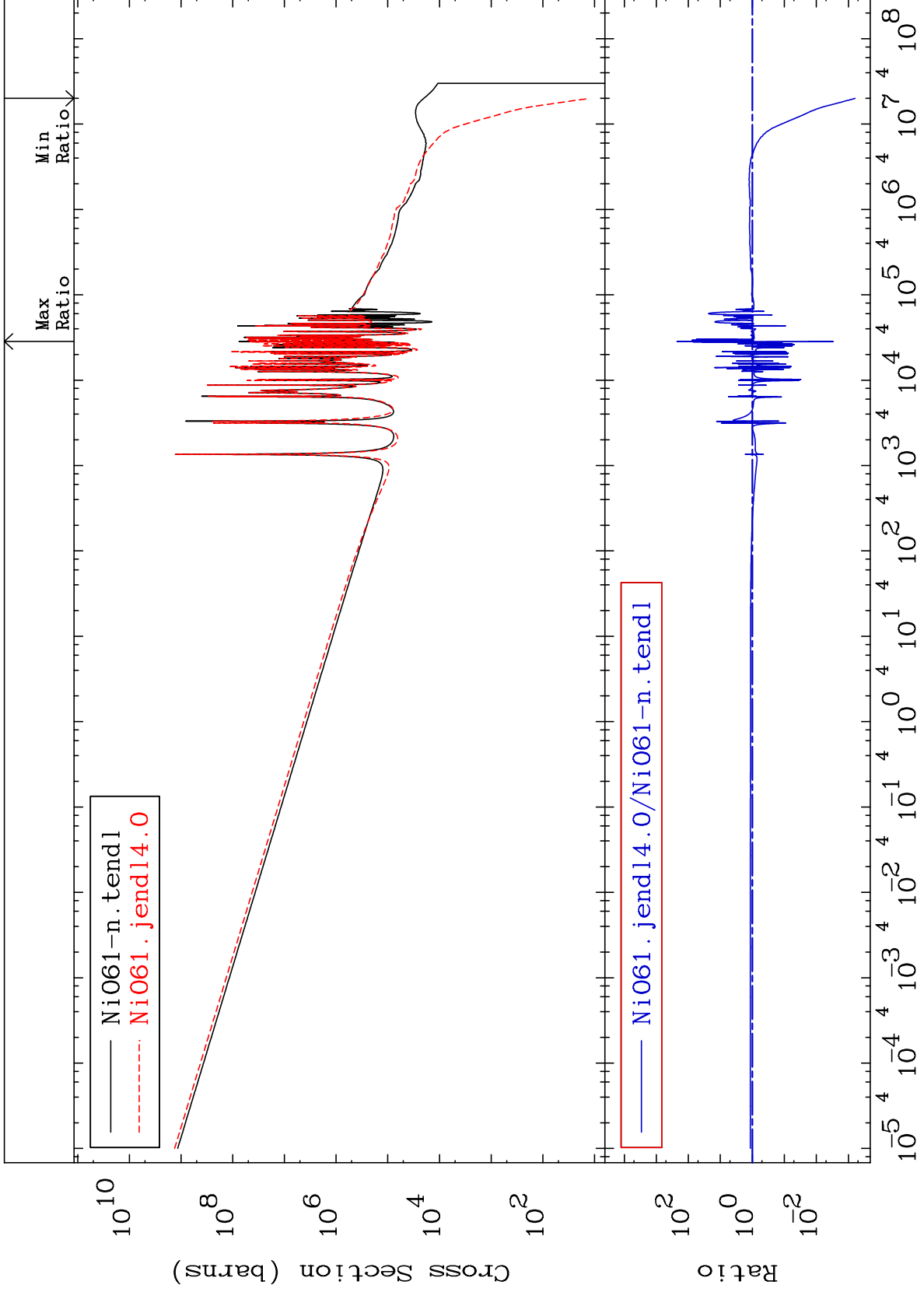


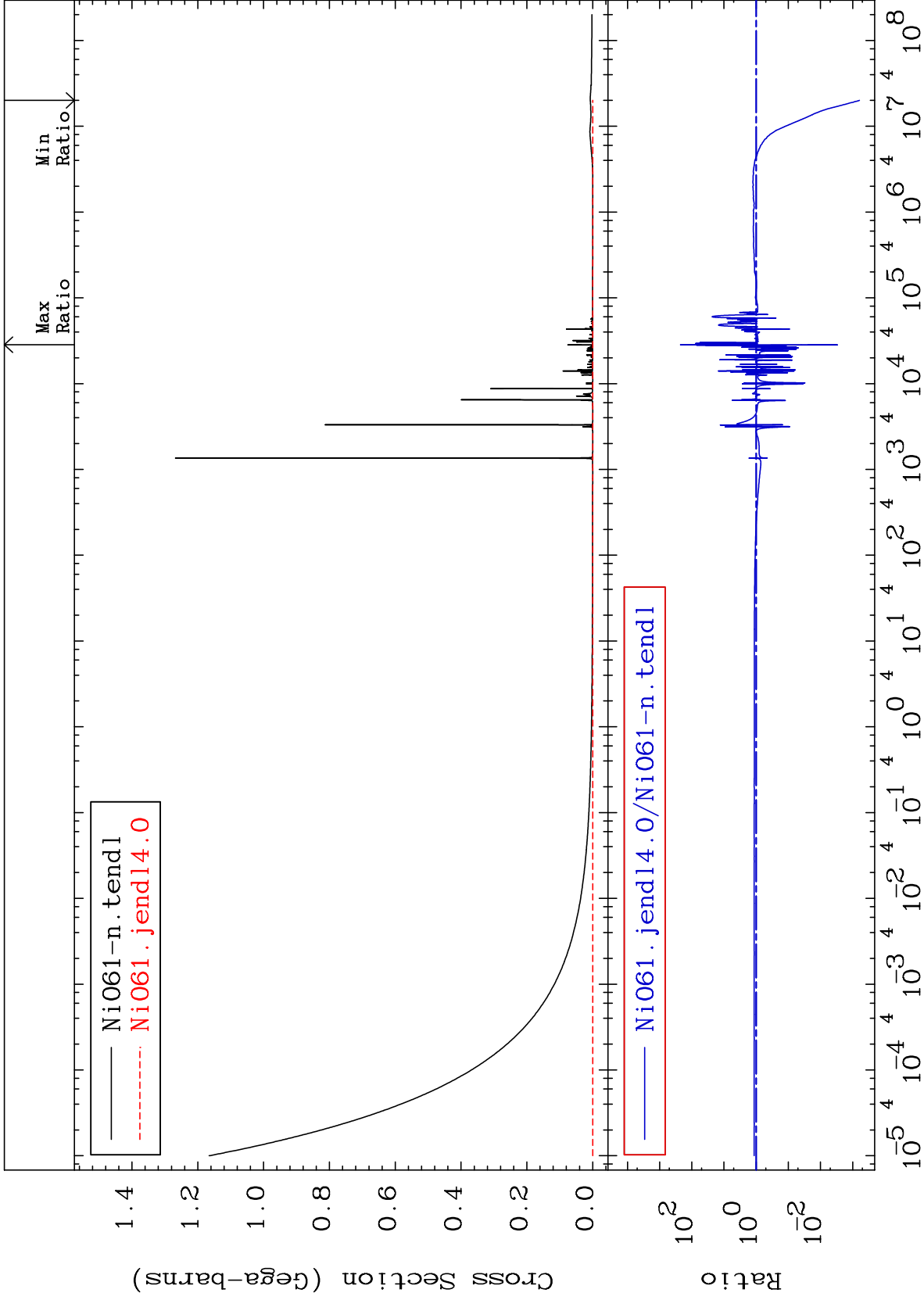


MAT 2834

Kerma capture (mt102)
Cross Section

28-Ni-61
-99.94 To 9999. %

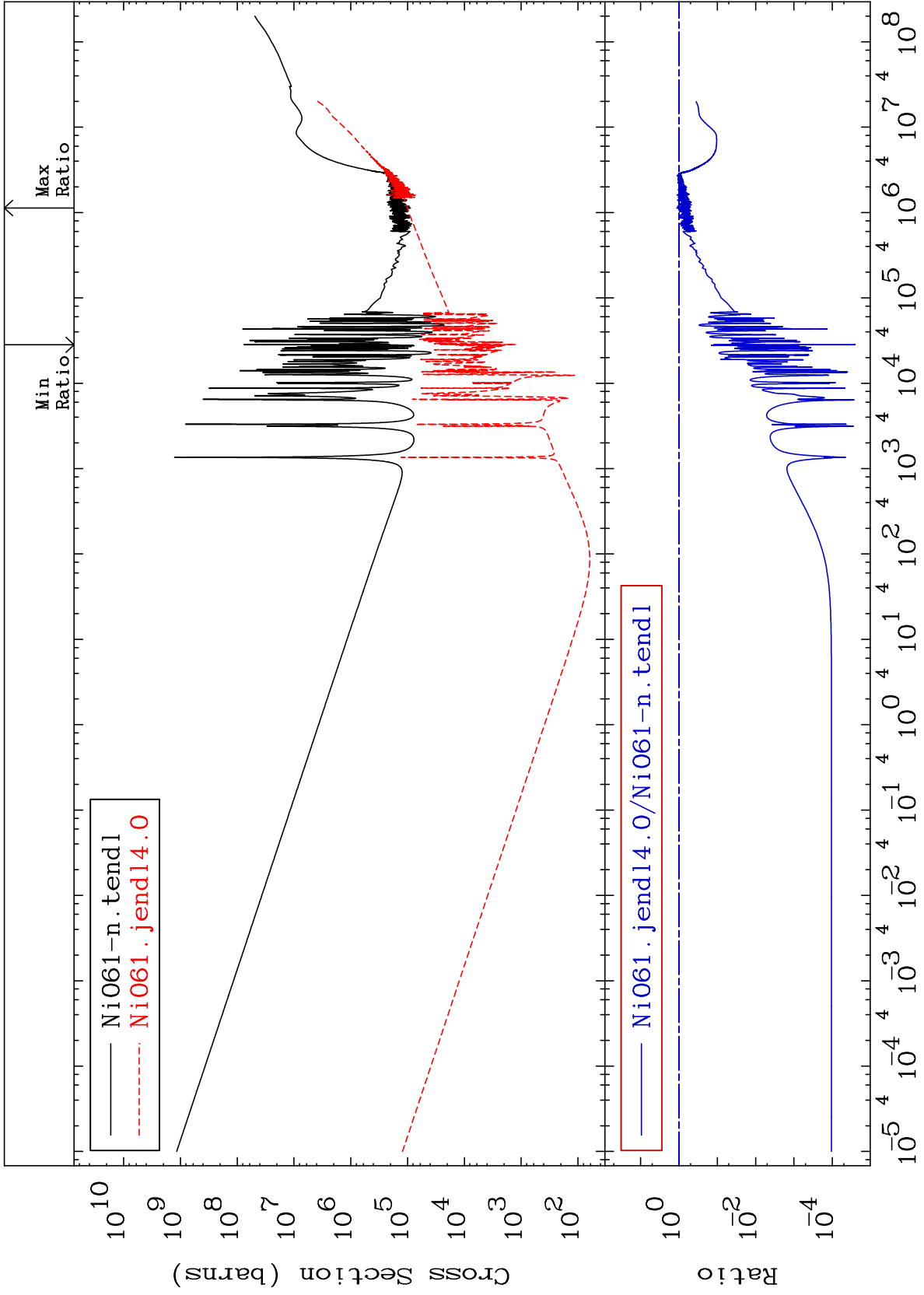




MAT 2834

Total kinematic kerma (high limit)
Cross Section

28-Ni-61
-100.0 To 12.96 %



MAT 2834

Dpa total (eV-barns)
Cross Section

28-Ni-61
-95.08 To 9999. %

