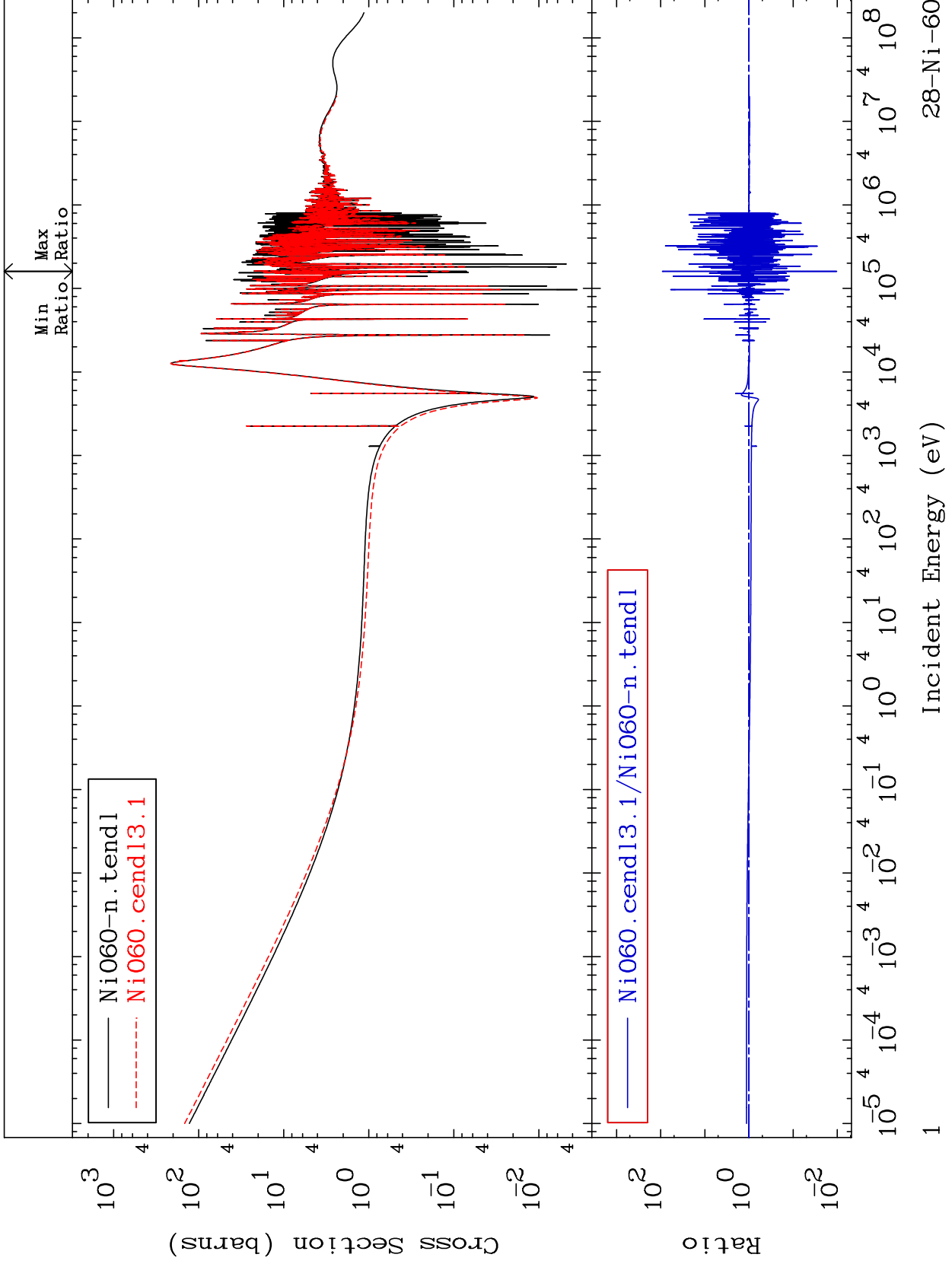


MAT 2831

Total
Cross Section

28-Ni-60
-98.97 To 9107. %



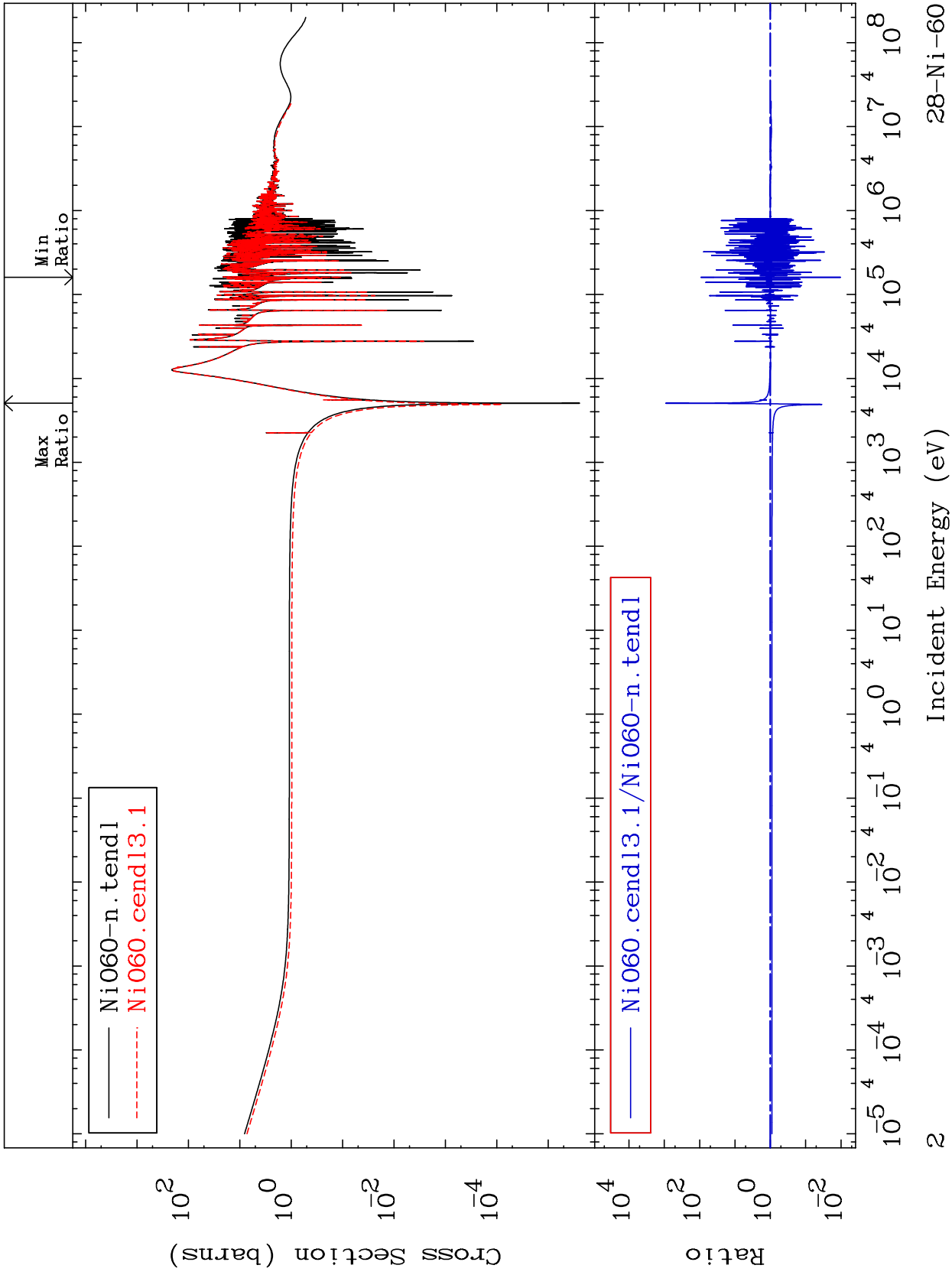
Incident Energy (eV)

28-Ni-60

MAT 2831

Elastic
Cross Section

28-Ni-60
-98.98 To 9999. %



28-Ni-60

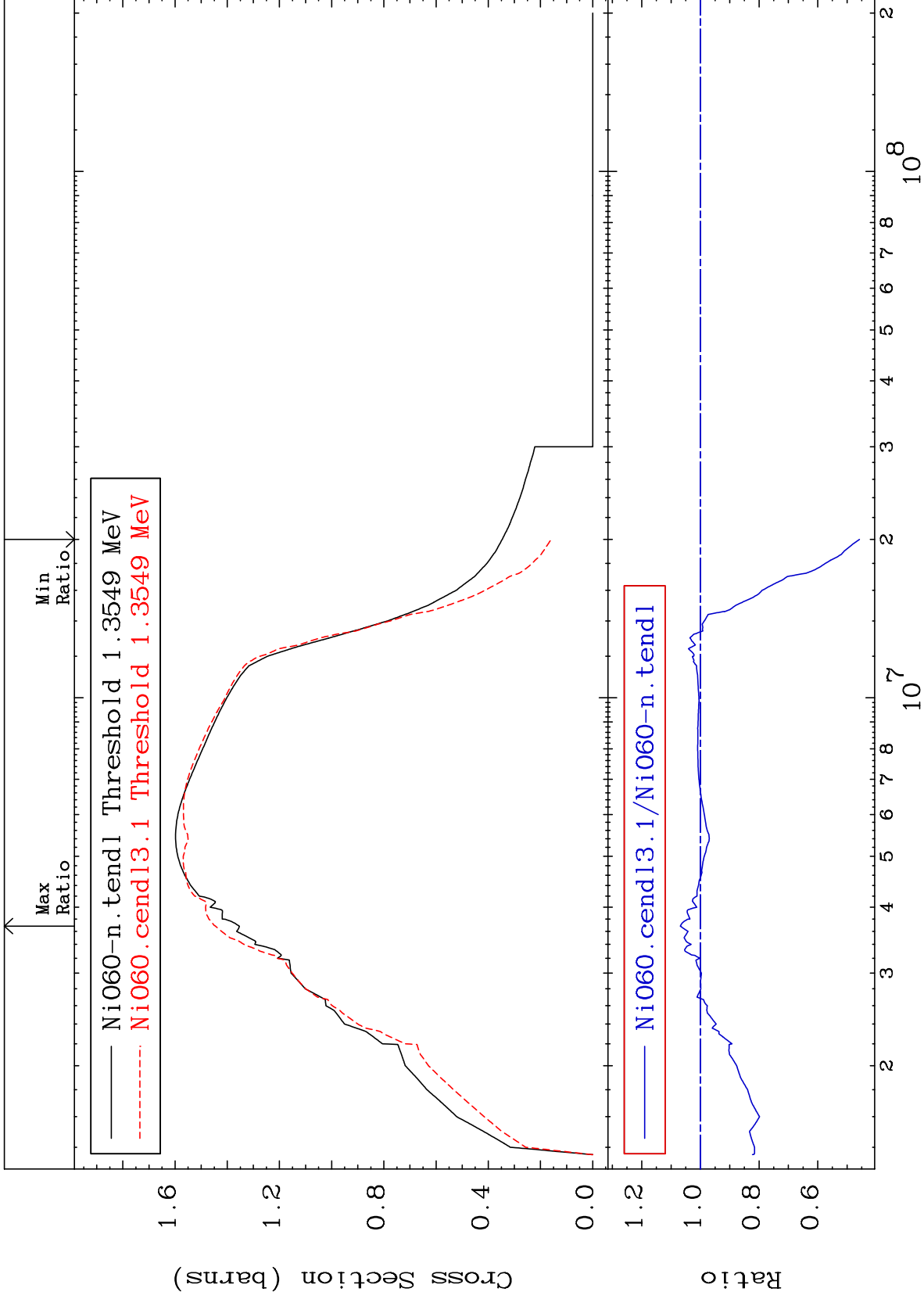
Incident Energy (eV)

2

MAT 2831

Inelastic
Cross Section

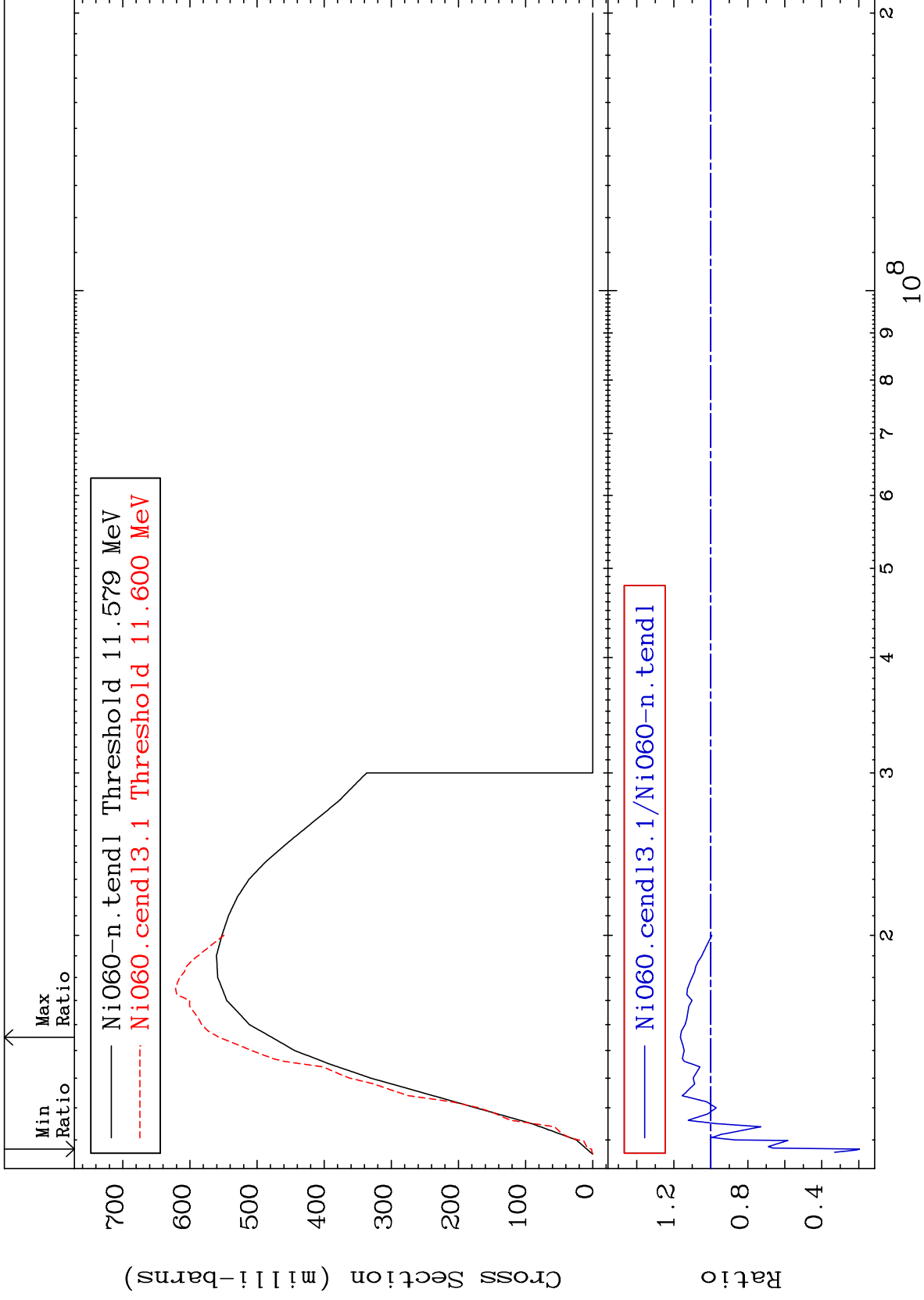
28-Ni-60
-54.21 To 6.823 %



MAT 2831

(n,2n)
Cross Section

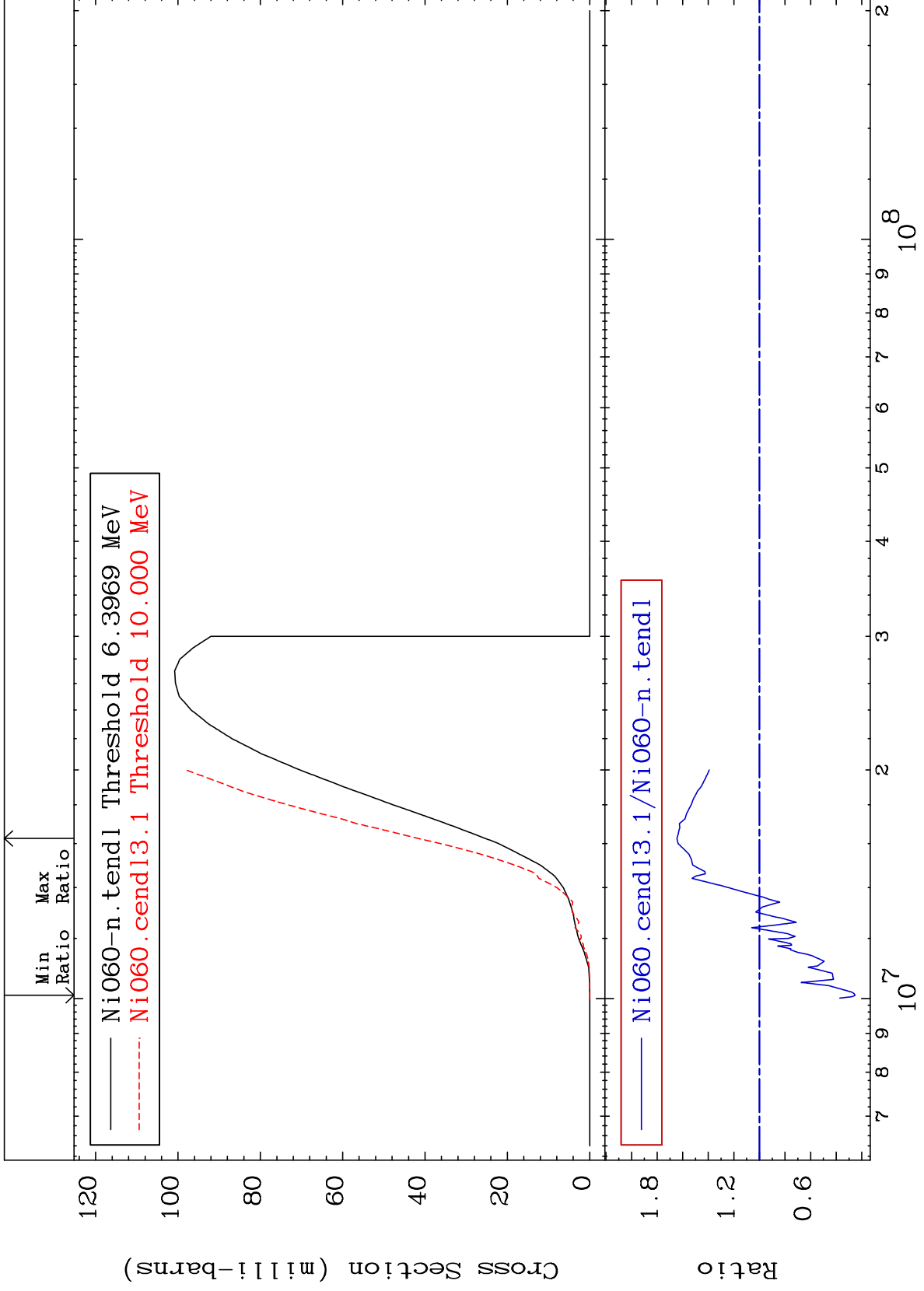
28-Ni-60
-80.37 To 16.45 %



MAT 2831

(n,n') α
Cross Section

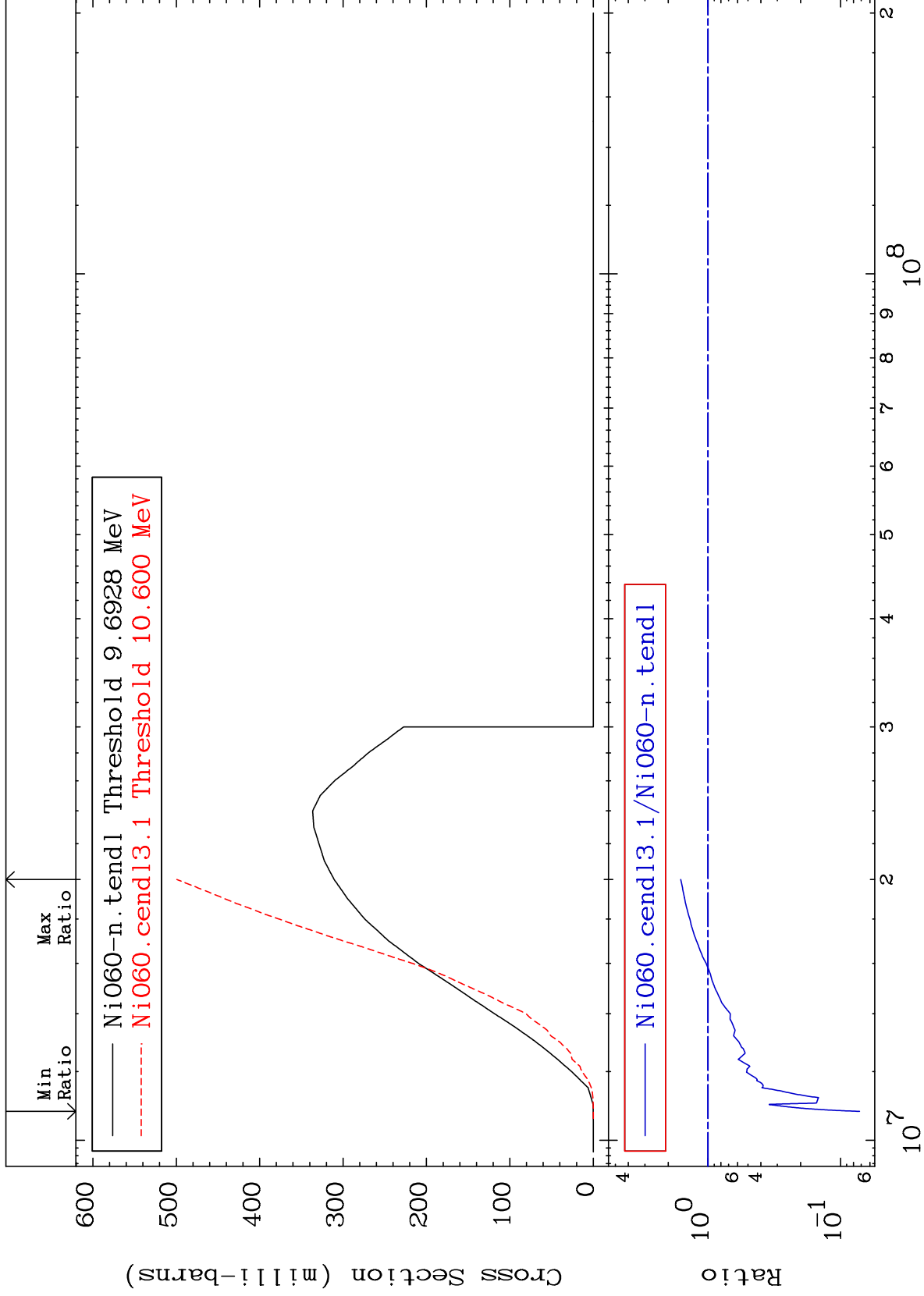
28-Ni-60
-74.76 To 64.53 %



MAT 2831

(n, n') p
Cross Section

28-Ni-60
-92.80 To 60.71 %



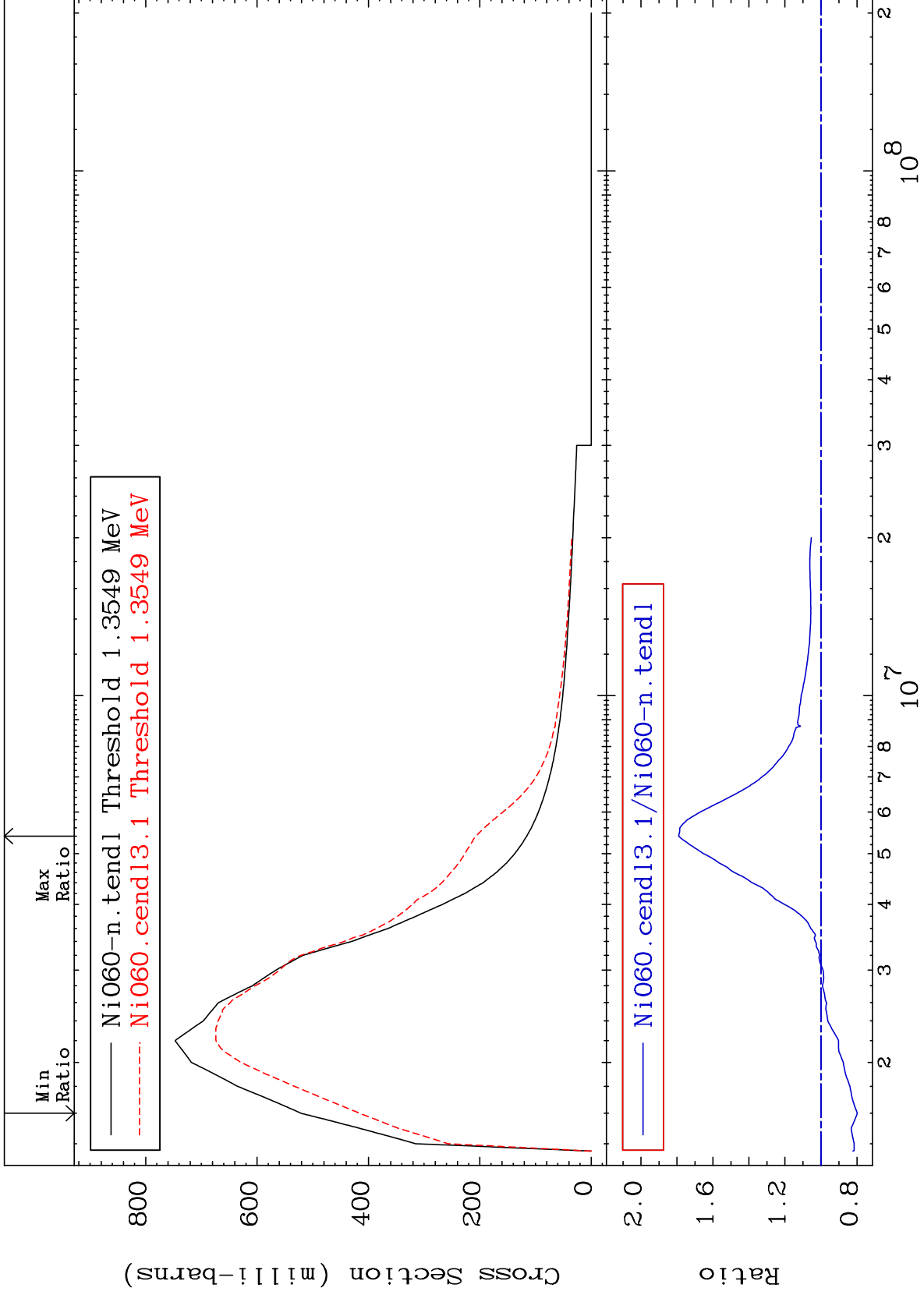
Incident Energy (eV)

28-Ni-60

MAT 2831

1.333 MeV (n,n') Level
Cross Section

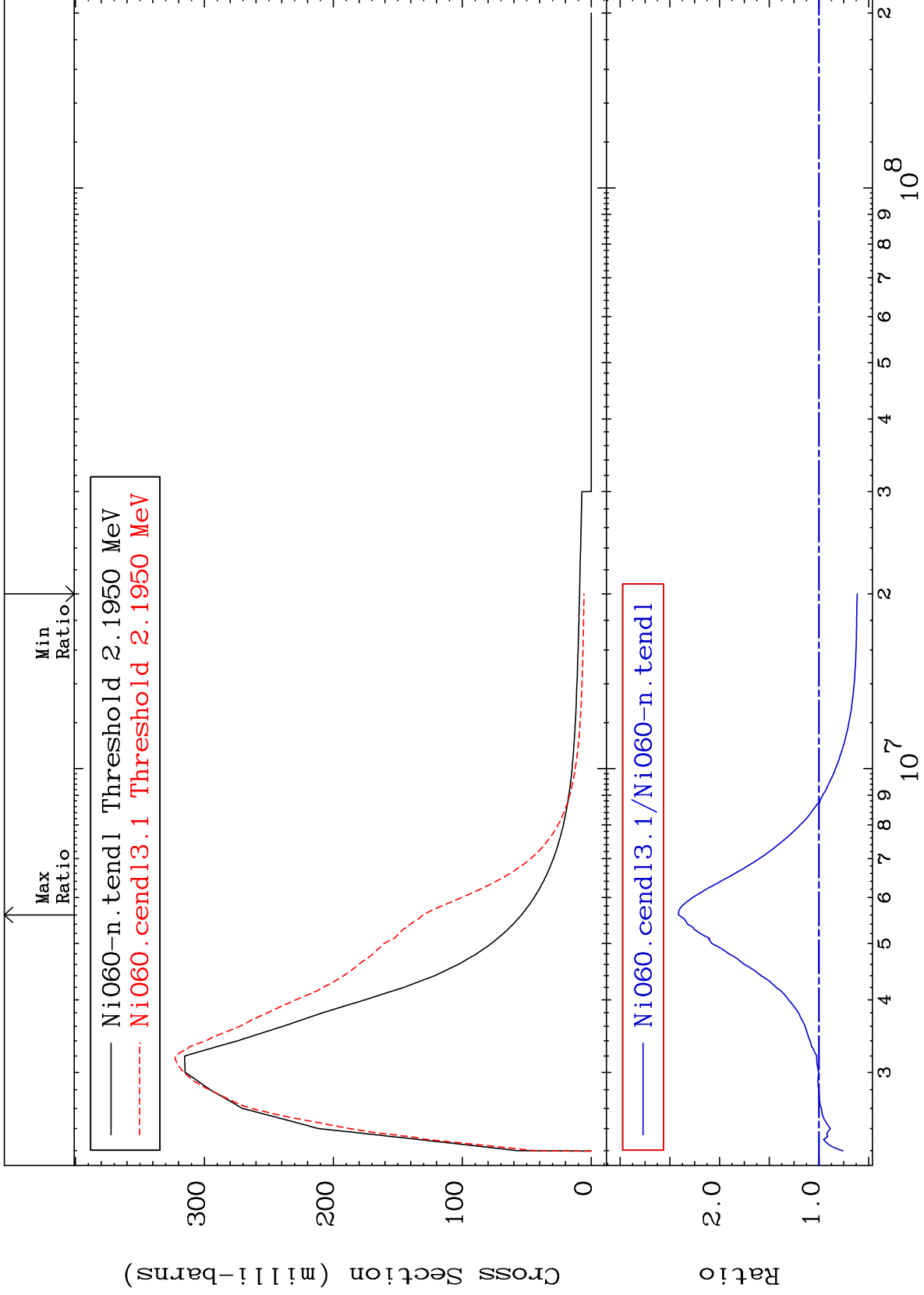
28-Ni-60
-20.17 To 79.07 %



MAT 2831

2.159 MeV (n,n') Level
Cross Section

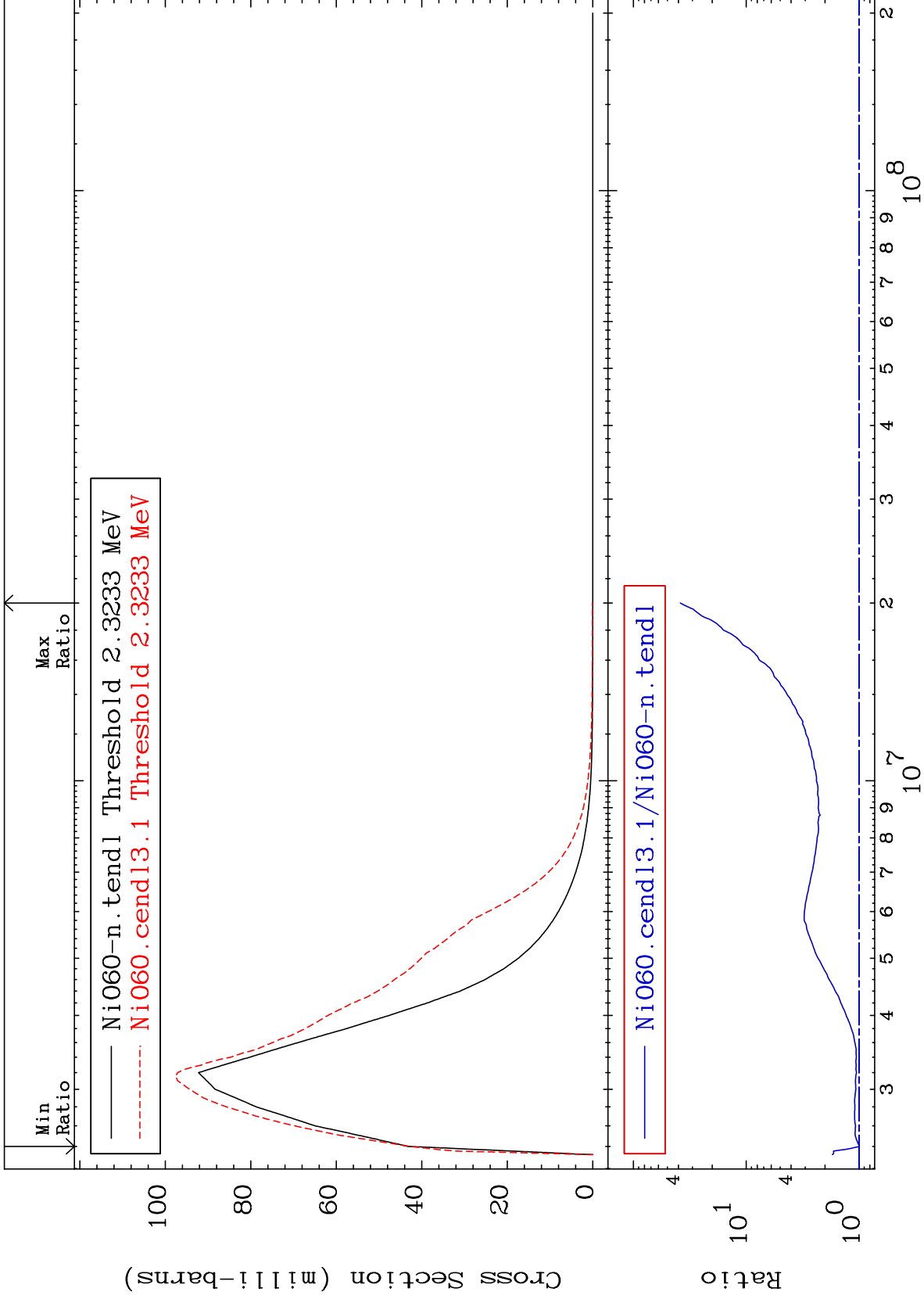
28-Ni-60
-38.55 To 141.2 %



MAT 2831

2.285 MeV (n,n') Level
Cross Section

28-Ni-60
-0.895 To 3738. %

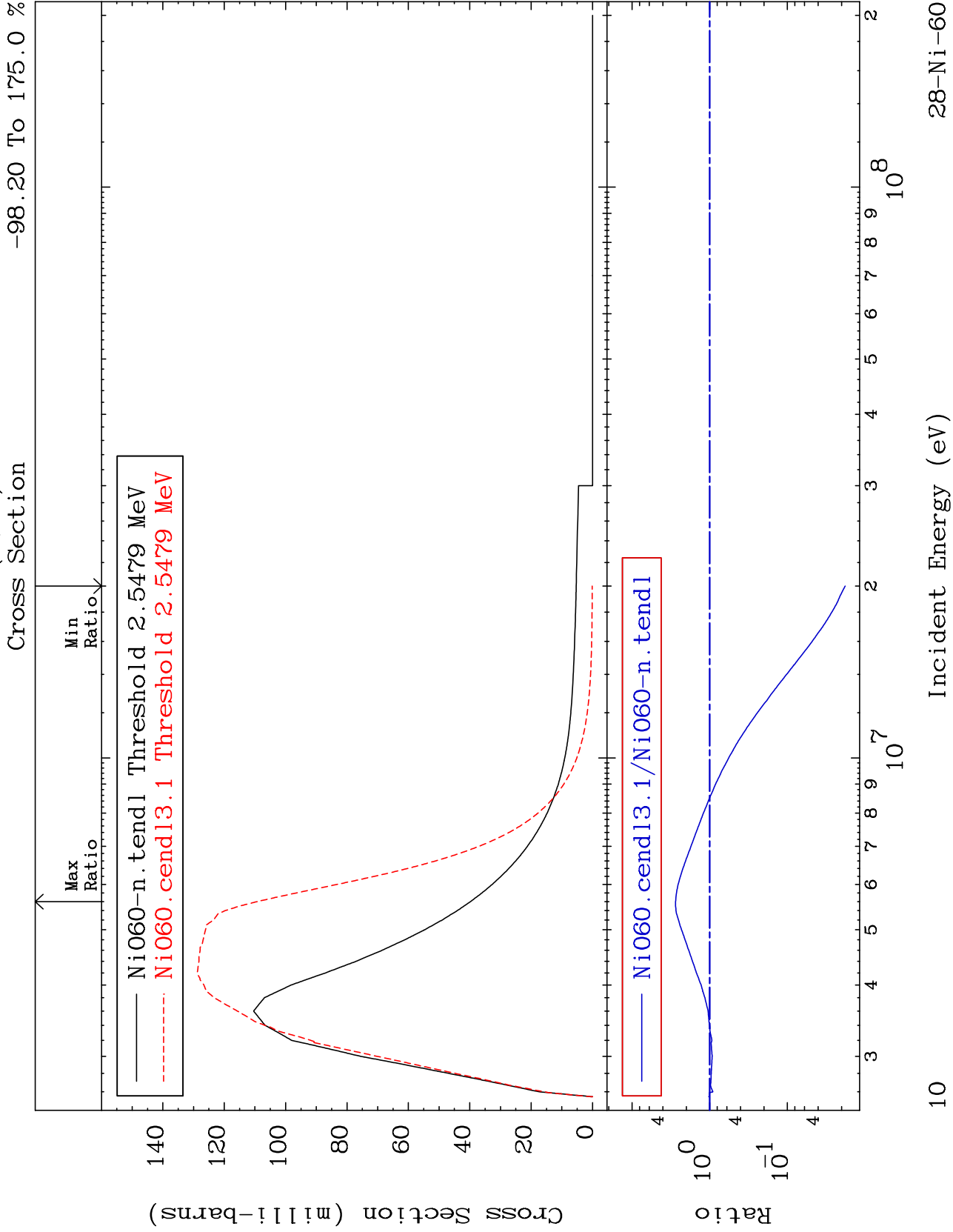


MAT 2831

2.506 MeV (n,n') Level

28-Ni-60

-98.20 To 175.0 %



10

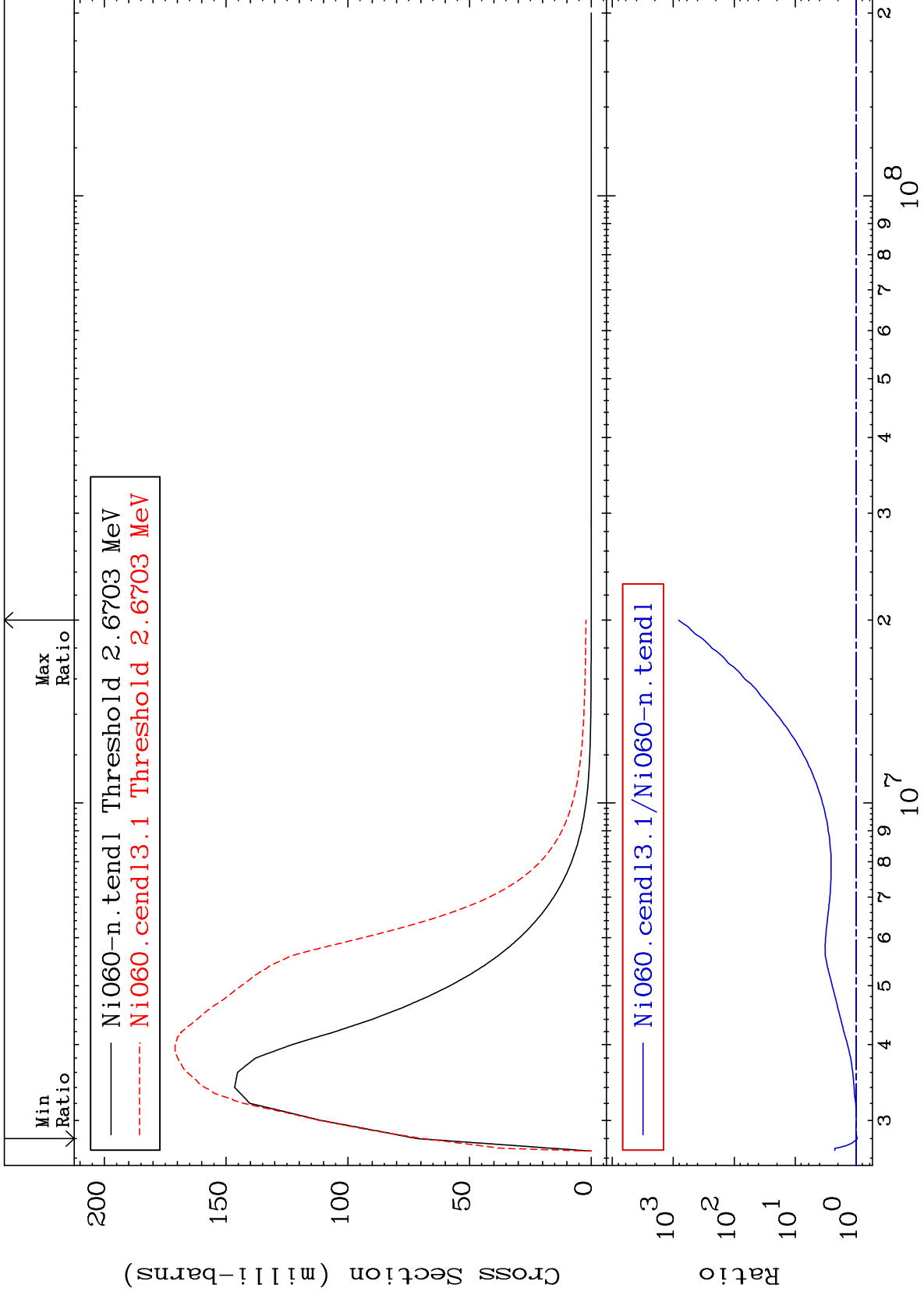
Incident Energy (eV)

28-Ni-60

MAT 2831

2.626 MeV (n,n') Level
Cross Section

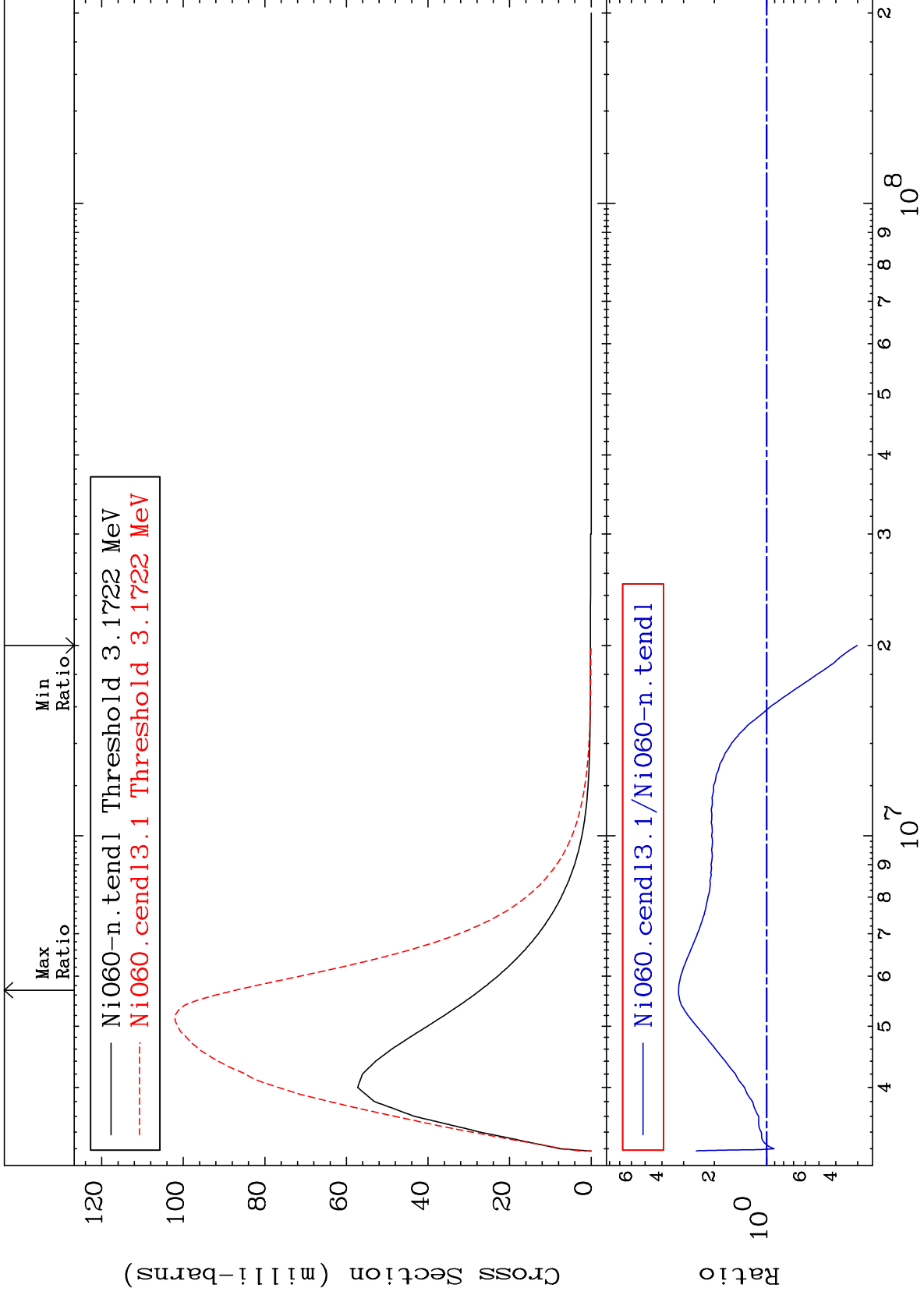
28-Ni-60
-3.613 To 9999. %



MAT 2831

3.120 MeV (n,n') Level
Cross Section

28-Ni-60
-69.85 To 220.7 %



12

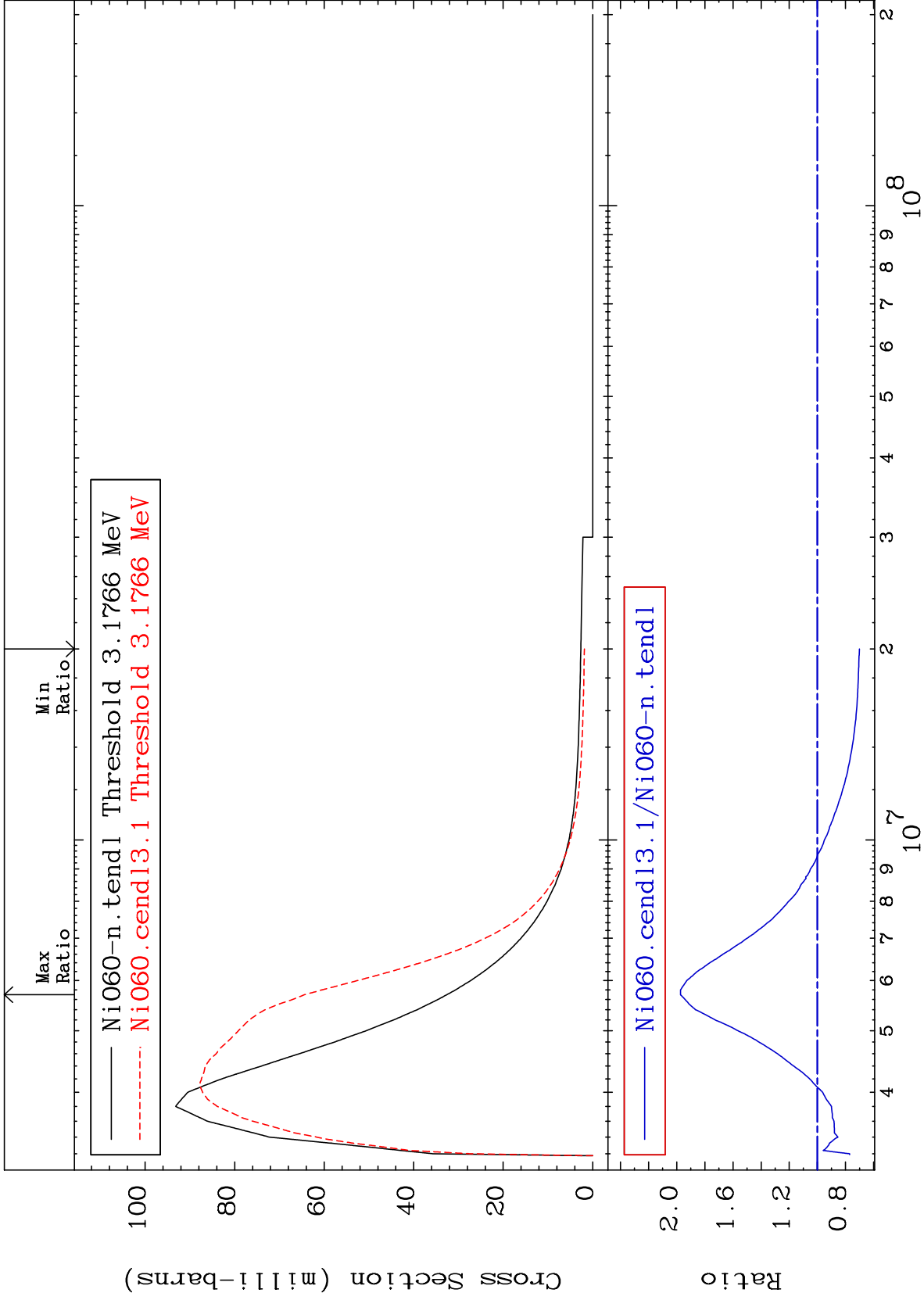
Incident Energy (eV)

28-Ni-60

MAT 2831

3.124 MeV (n,n') Level
Cross Section

28-Ni-60
-29.89 To 97.41 %



13

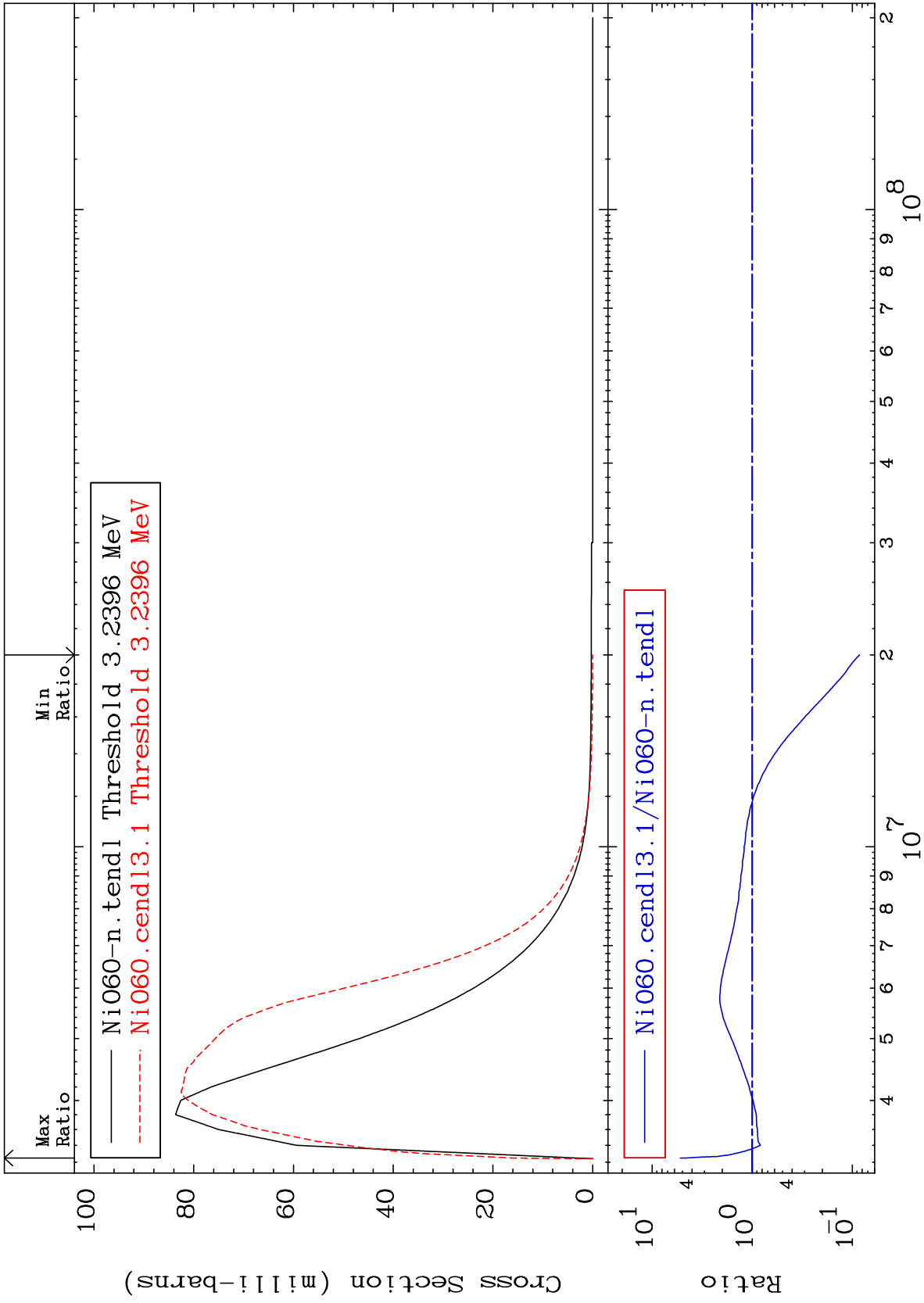
Incident Energy (eV)

28-Ni-60

MAT 2831

3.186 MeV (n,n') Level
Cross Section

28-Ni-60
-91.50 To 423.0 %



14

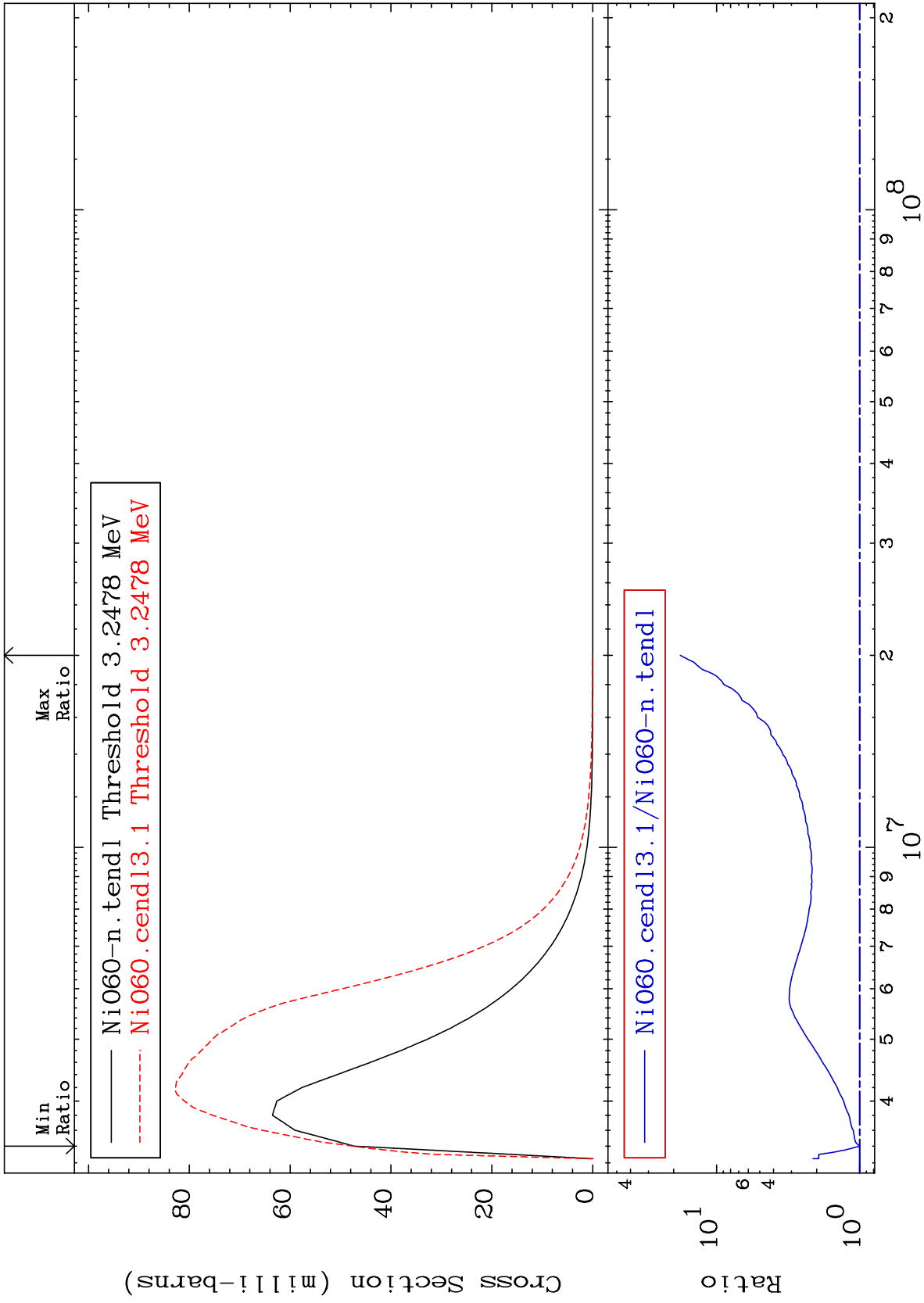
Incident Energy (eV)

28-Ni-60

MAT 2831

3.194 MeV (n,n') Level
Cross Section

28-Ni-60
0.422 To 1693. %



15

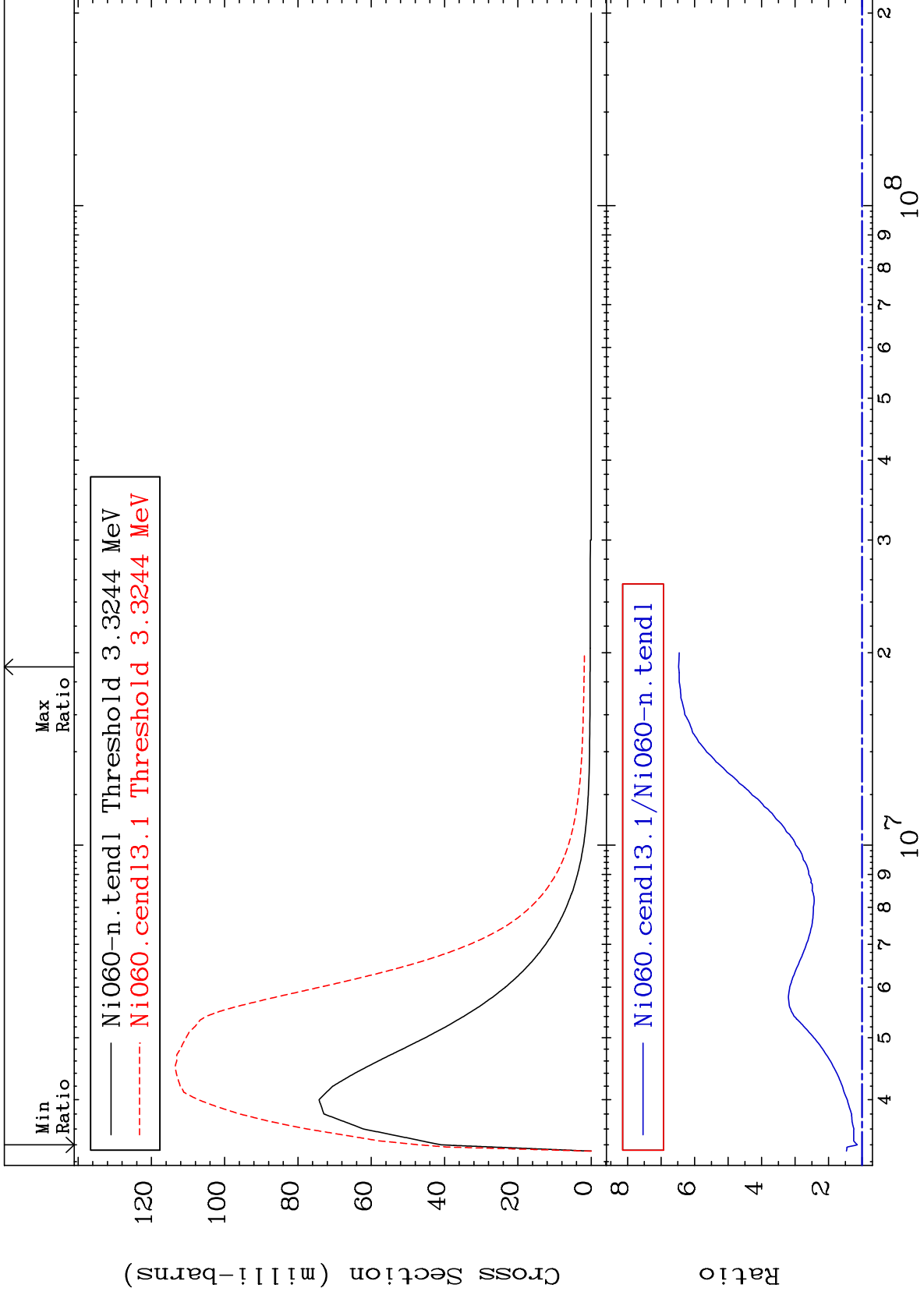
Incident Energy (eV)

28-Ni-60

MAT 2831

3.269 MeV (n,n') Level
Cross Section

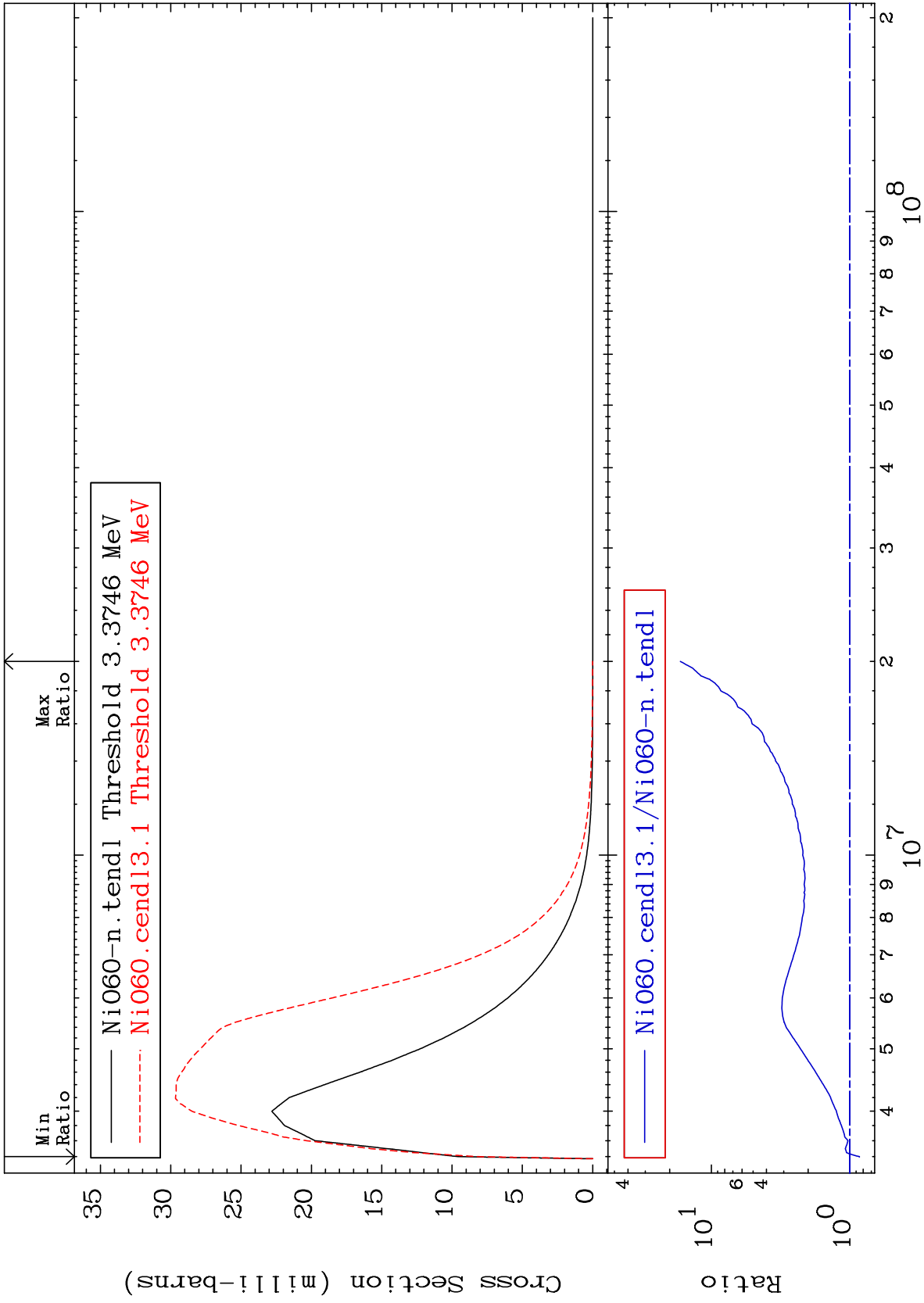
28-Ni-60
14.45 To 547.7 %



MAT 2831

3.319 MeV (n,n') Level
Cross Section

28-Ni-60
-14.79 To 1573. %



17

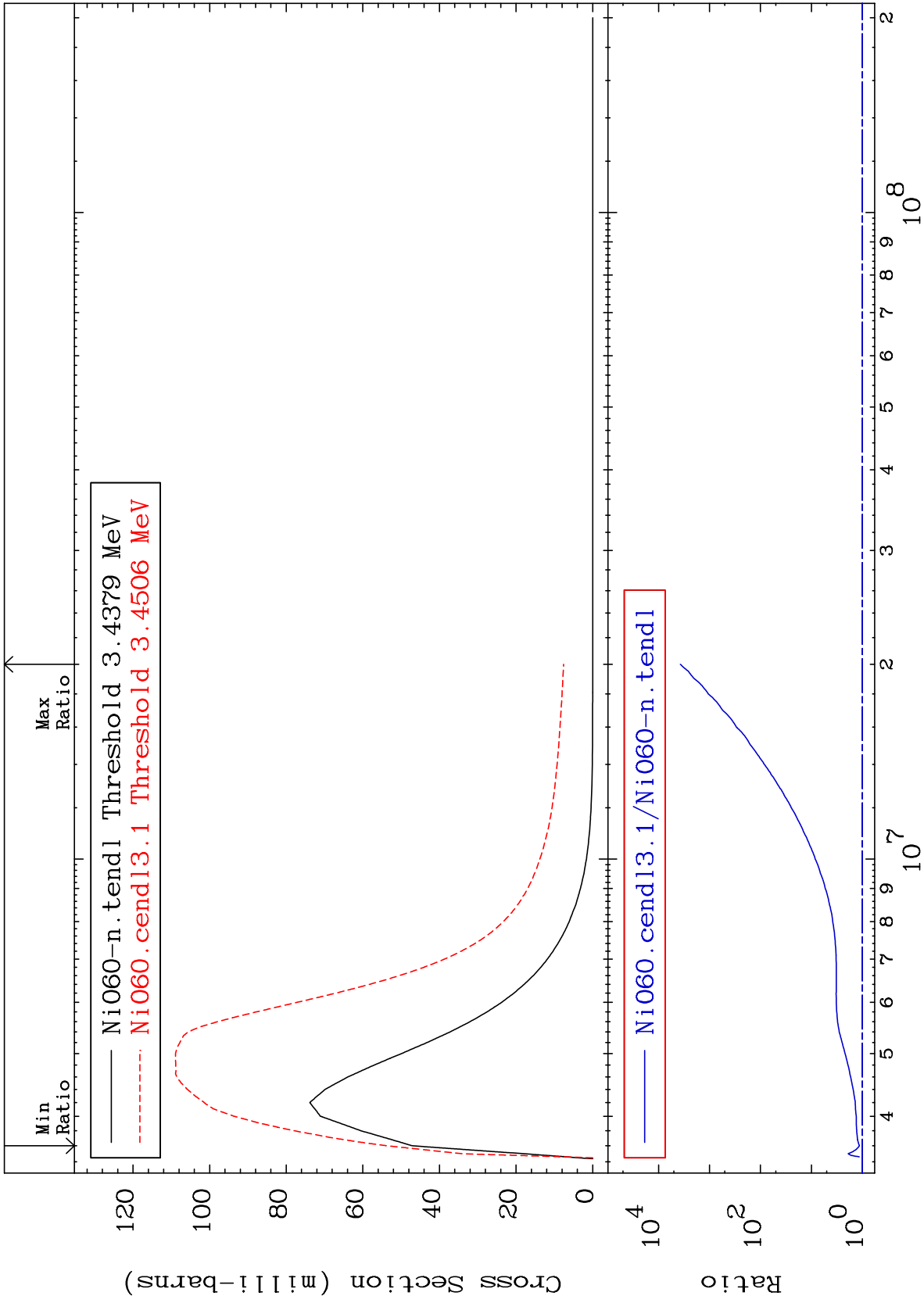
Incident Energy (eV)

28-Ni-60

MAT 2831

3.381 MeV (n,n') Level
Cross Section

28-Ni-60
14.03 To 9999. %



18

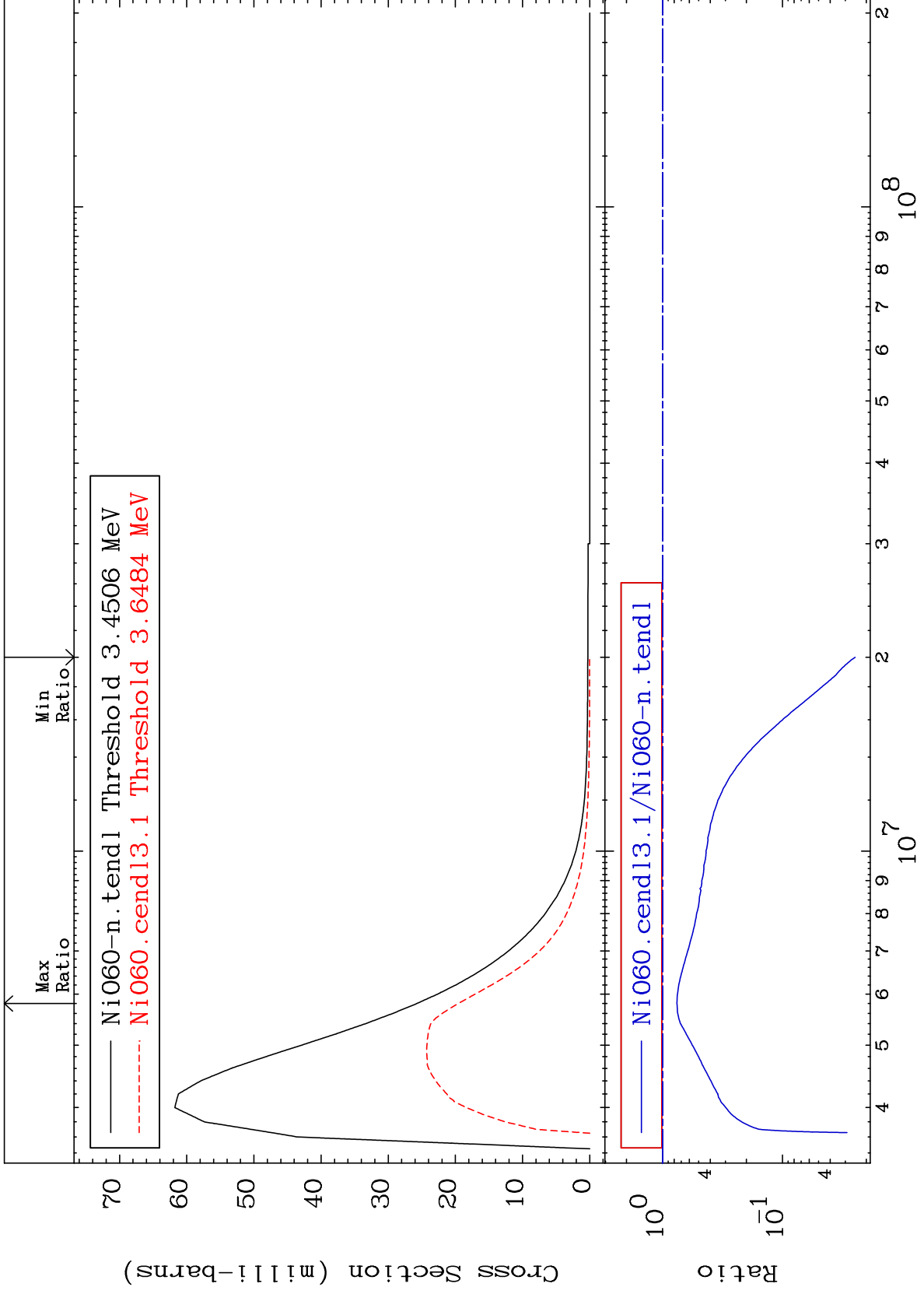
28-Ni-60

28-Ni-60

MAT 2831

3.394 MeV (n,n') Level
Cross Section

28-Ni-60
-97.52 To -23.97%



19

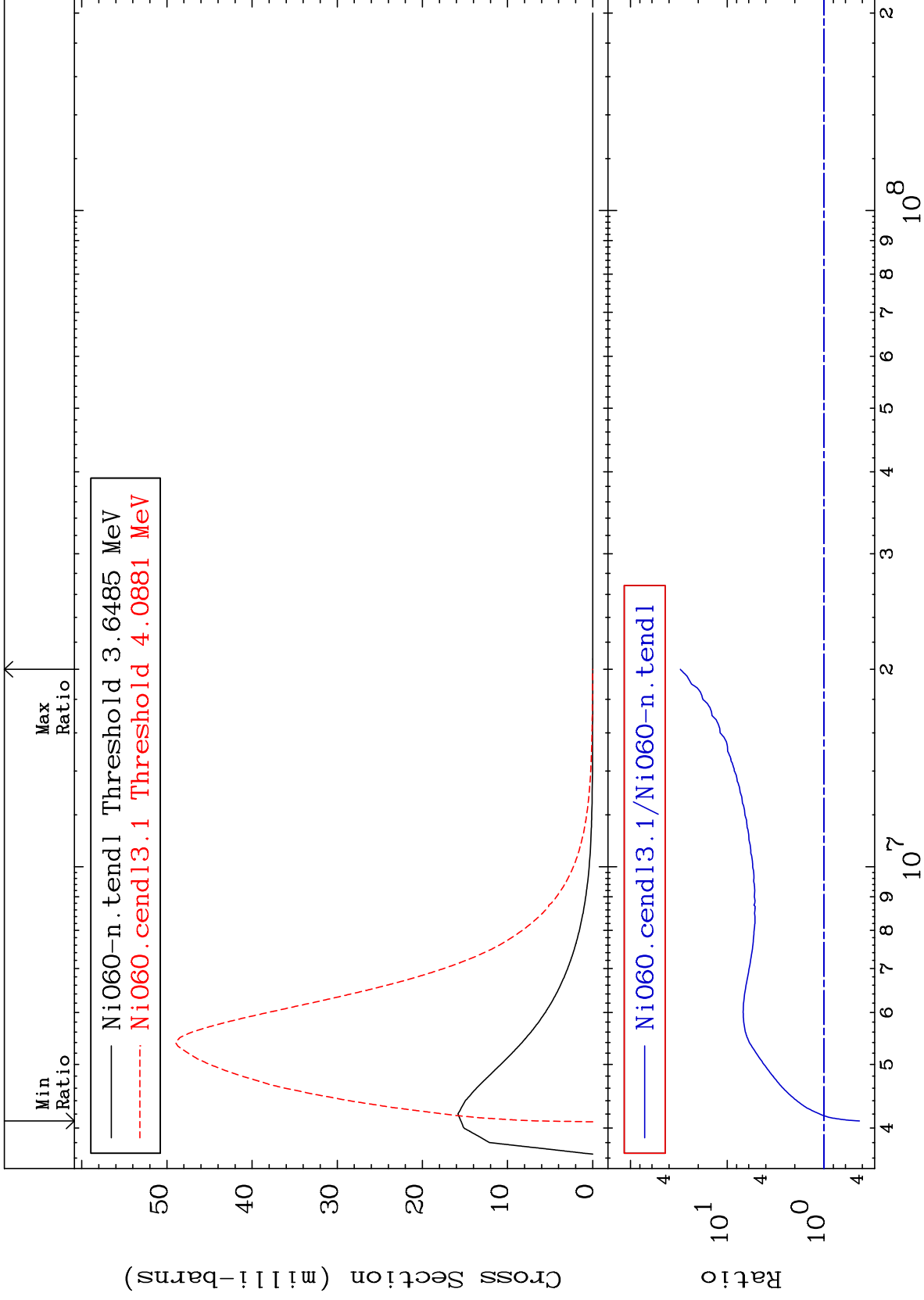
28-Ni-60

28-Ni-60

MAT 2831

3.588 MeV (n,n') Level
Cross Section

28-Ni-60
-57.04 To 2956. %



20

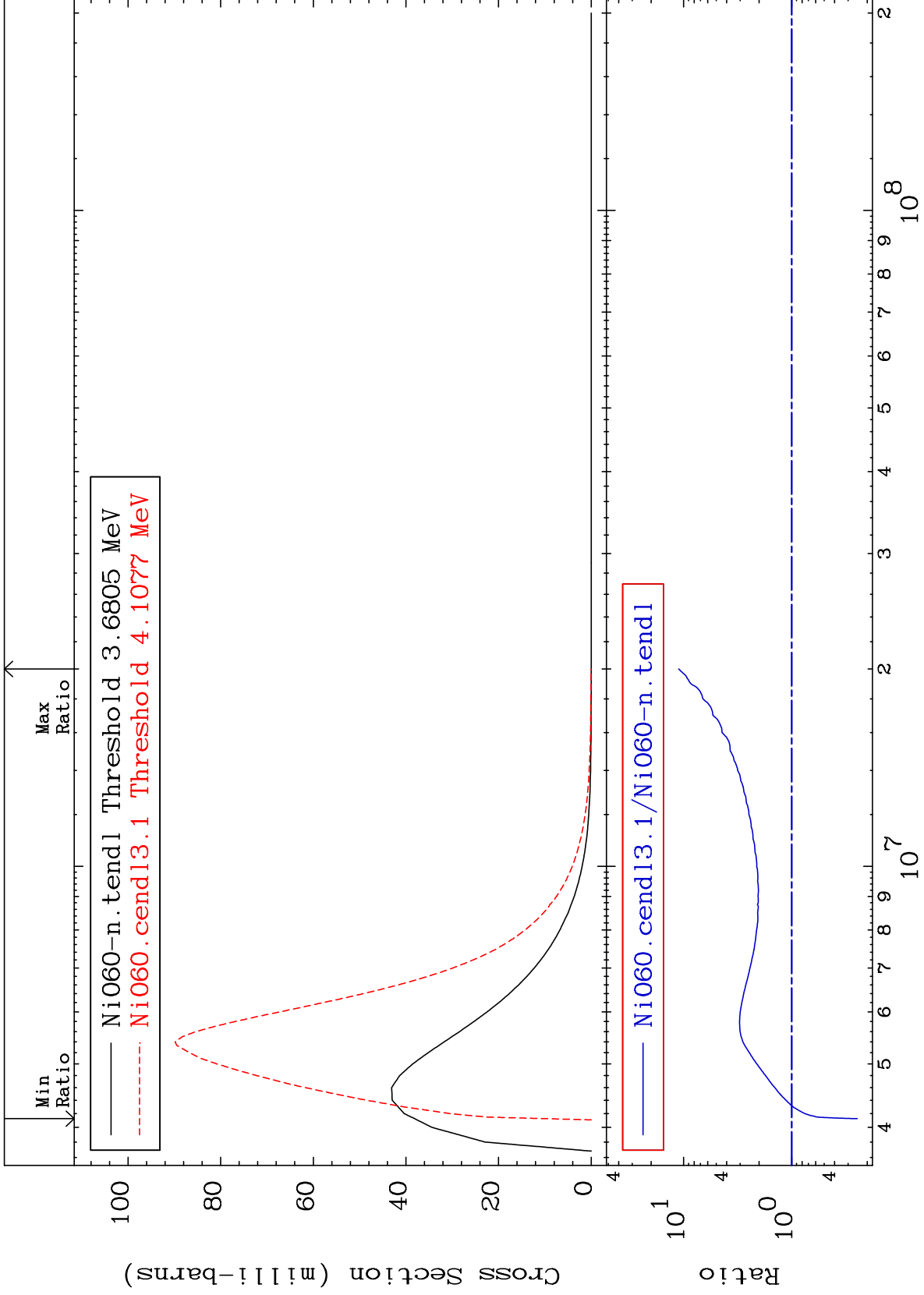
Incident Energy (eV)

28-Ni-60

MAT 2831

3.620 MeV (n,n') Level
Cross Section

28-Ni-60
-75.30 To 1013. %



21

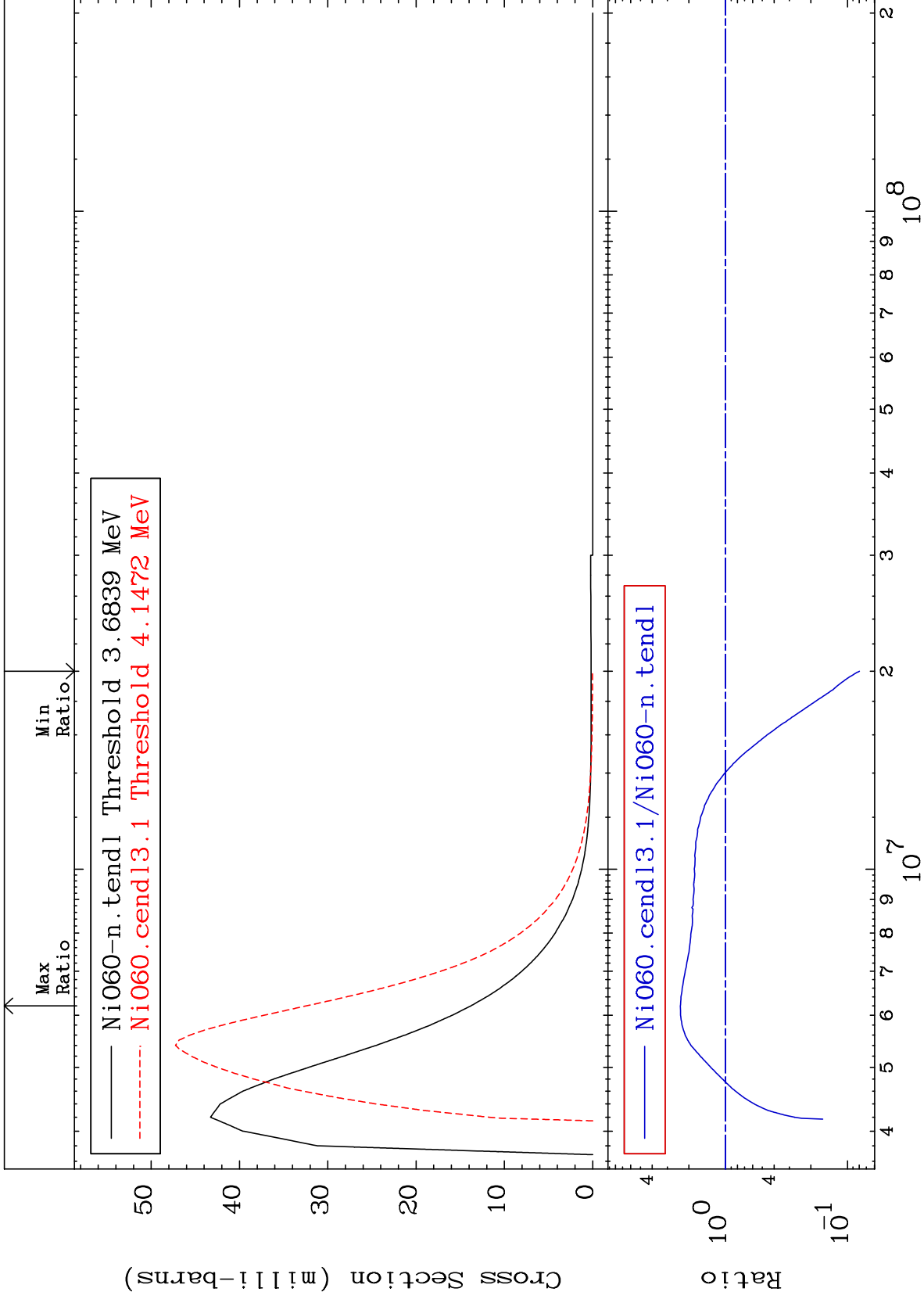
Incident Energy (eV)

28-Ni-60

MAT 2831

3.623 MeV (n,n') Level
Cross Section

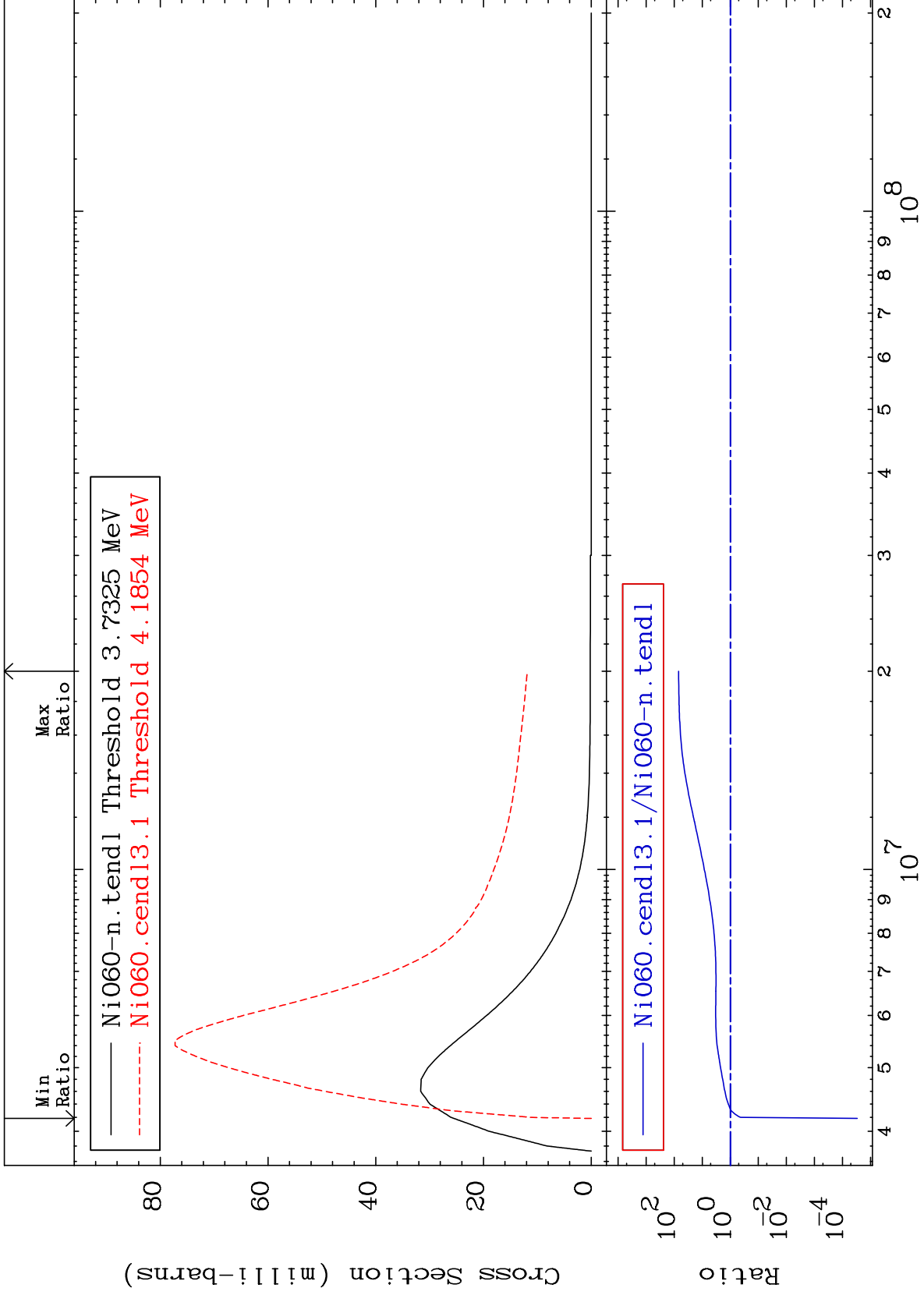
28-Ni-60
-92.02 To 135.1 %



MAT 2831

3.671 MeV (n,n') Level
Cross Section

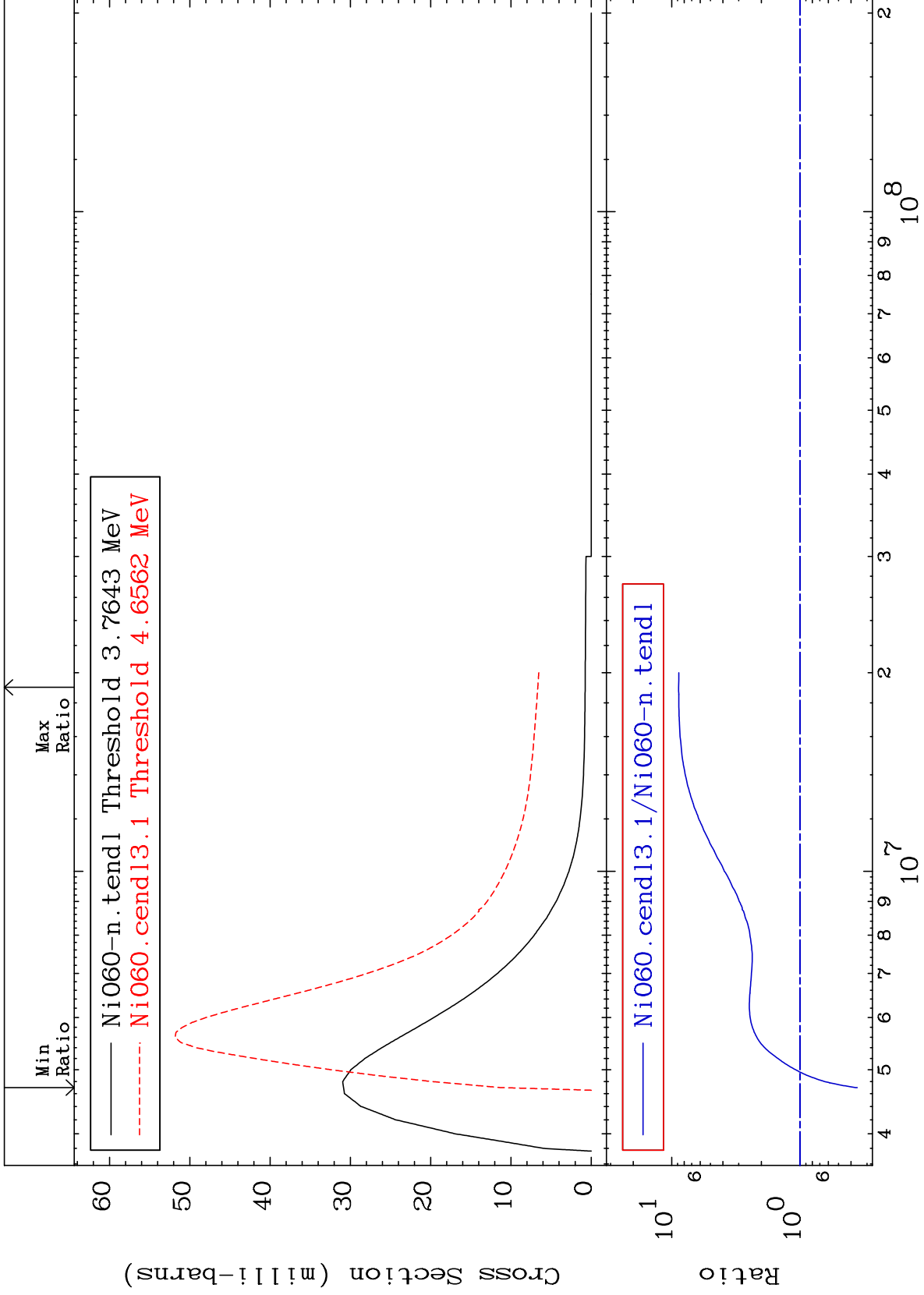
28-Ni-60
-100.0 To 6871. %



MAT 2831

3.702 MeV (n,n') Level
Cross Section

28-Ni-60
-64.28 To 784.2 %



24

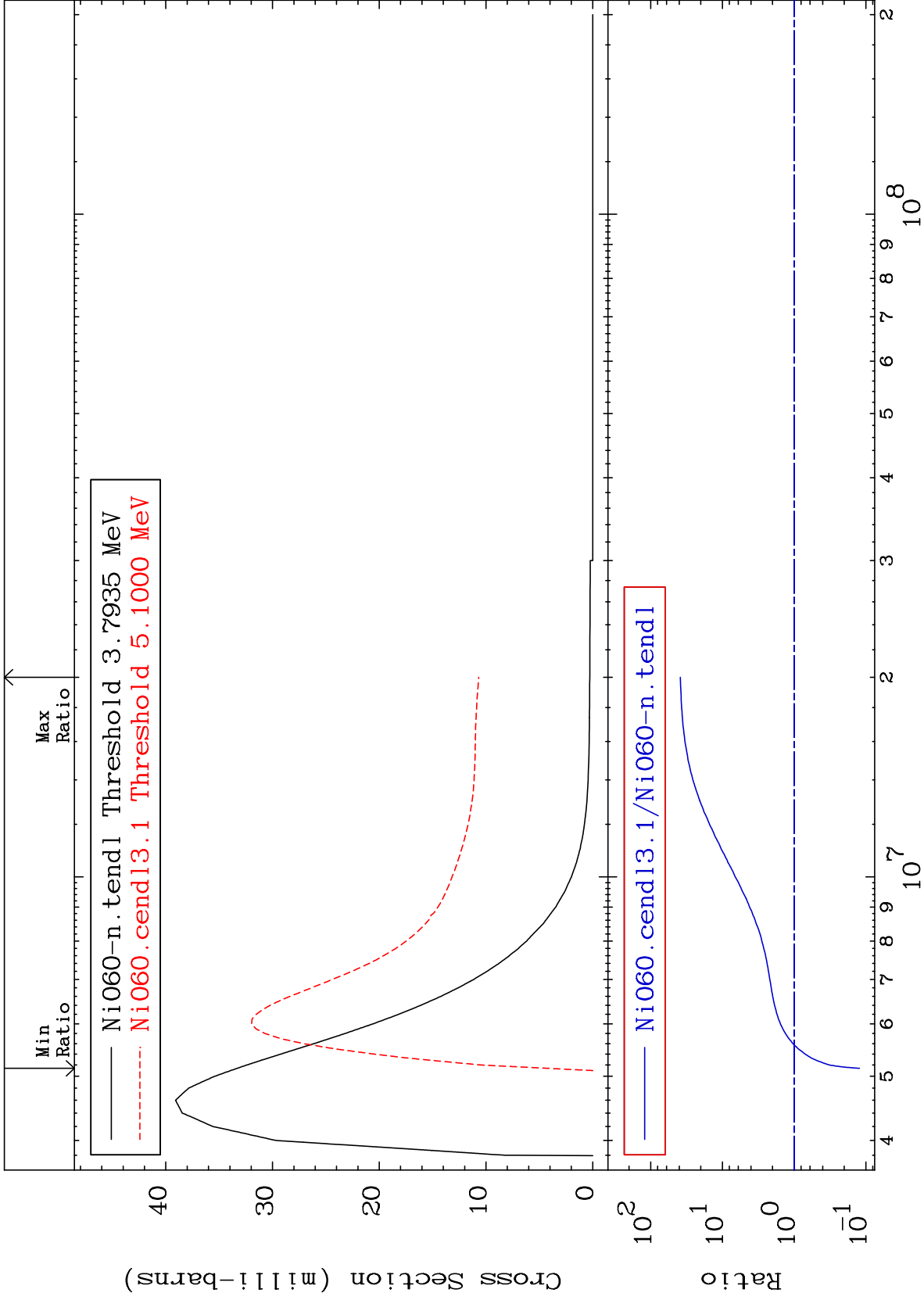
28-Ni-60

28-Ni-60

MAT 2831

3.731 MeV (n,n') Level
Cross Section

28-Ni-60
-87.70 To 3753. %



25

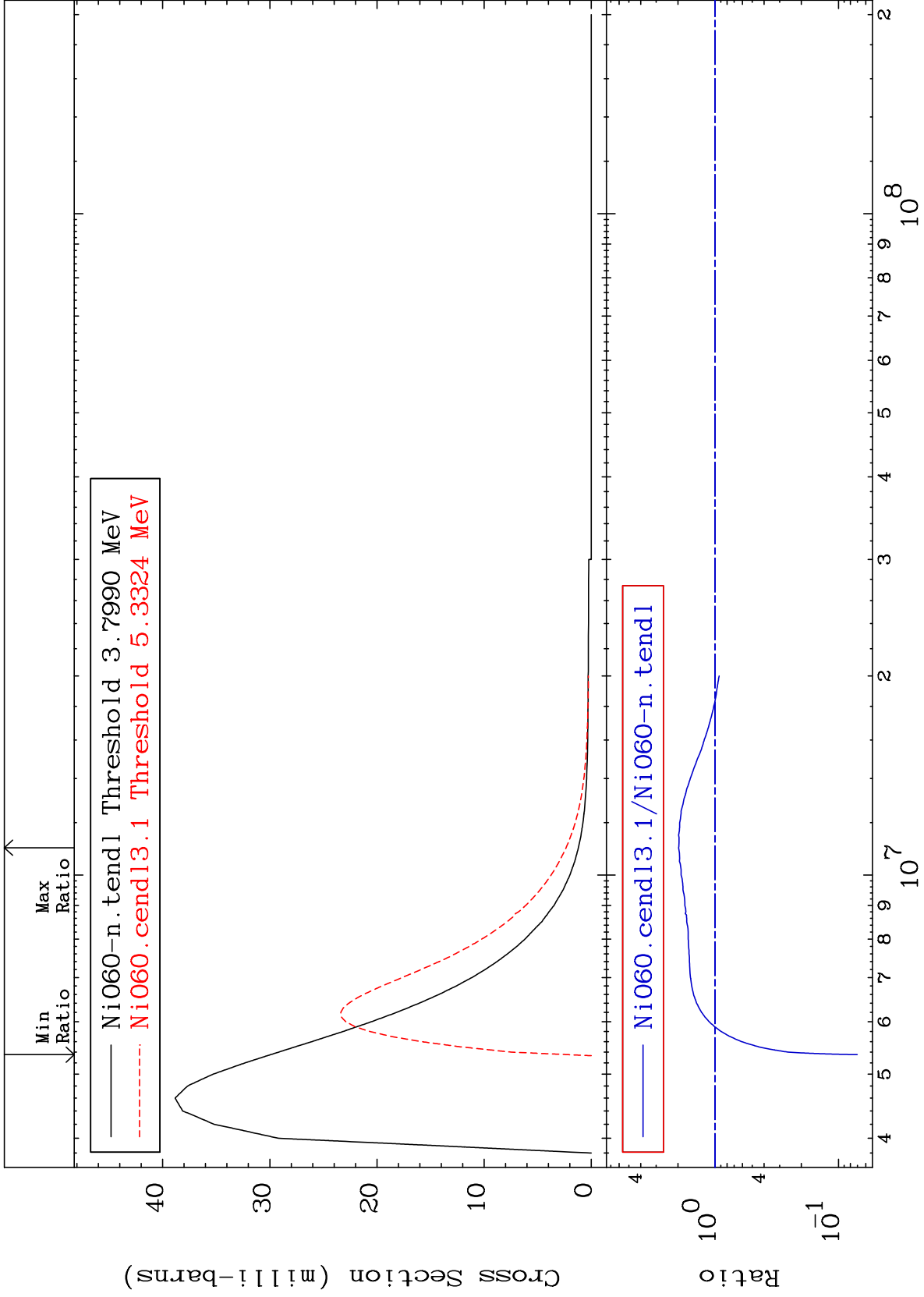
Incident Energy (eV)

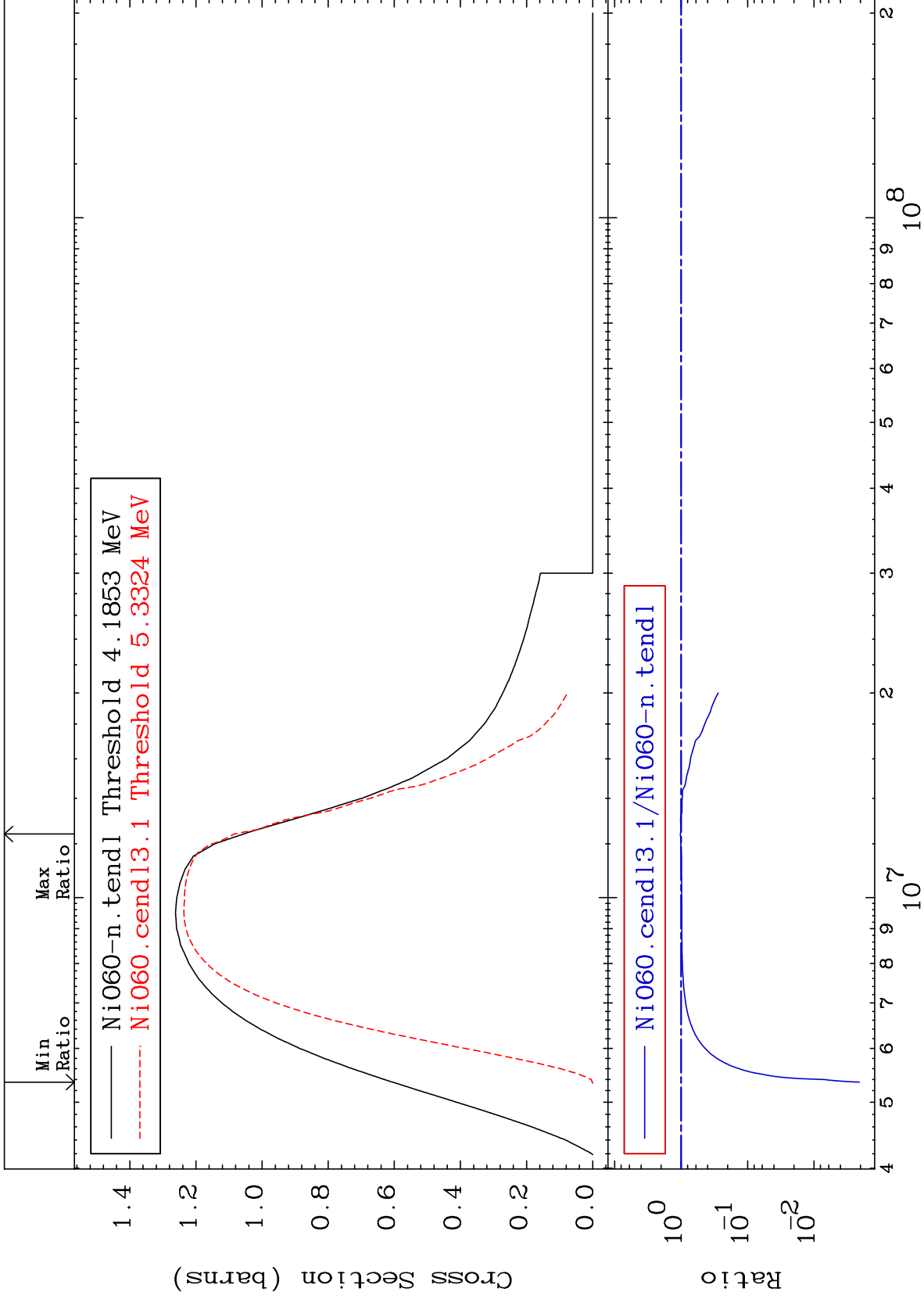
28-Ni-60

MAT 2831

3.736 MeV (n,n') Level
Cross Section

28-Ni-60
-92.96 To 97.42 %

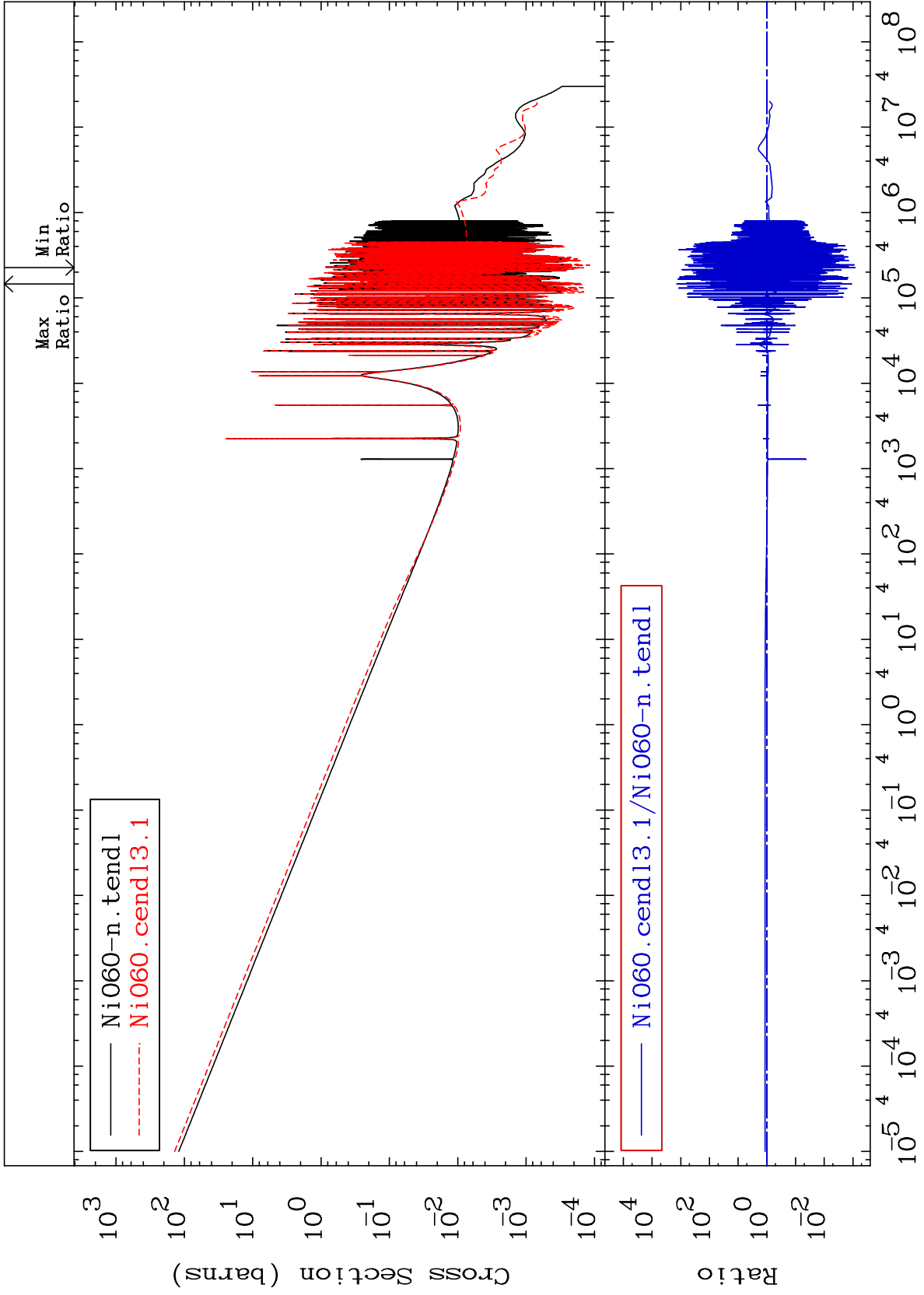




MAT 2831

(n, γ)
Cross Section

28-Ni-60
-99.92 To 9999. %



28

Incident Energy (eV)

28-Ni-60

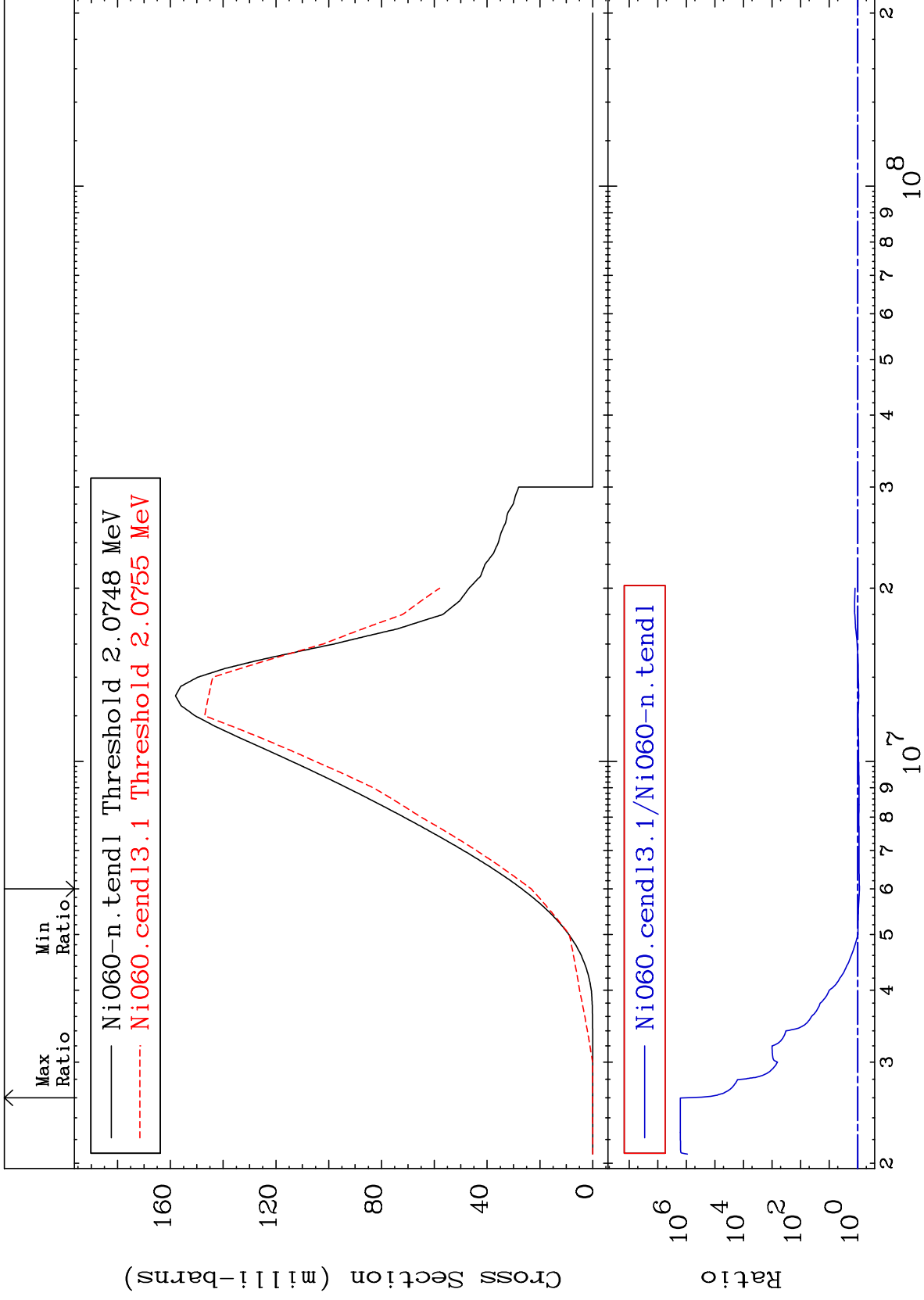
MAT 2831

(n,p)

²⁸Ni-60

Cross Section

-13.13 To 9999. %



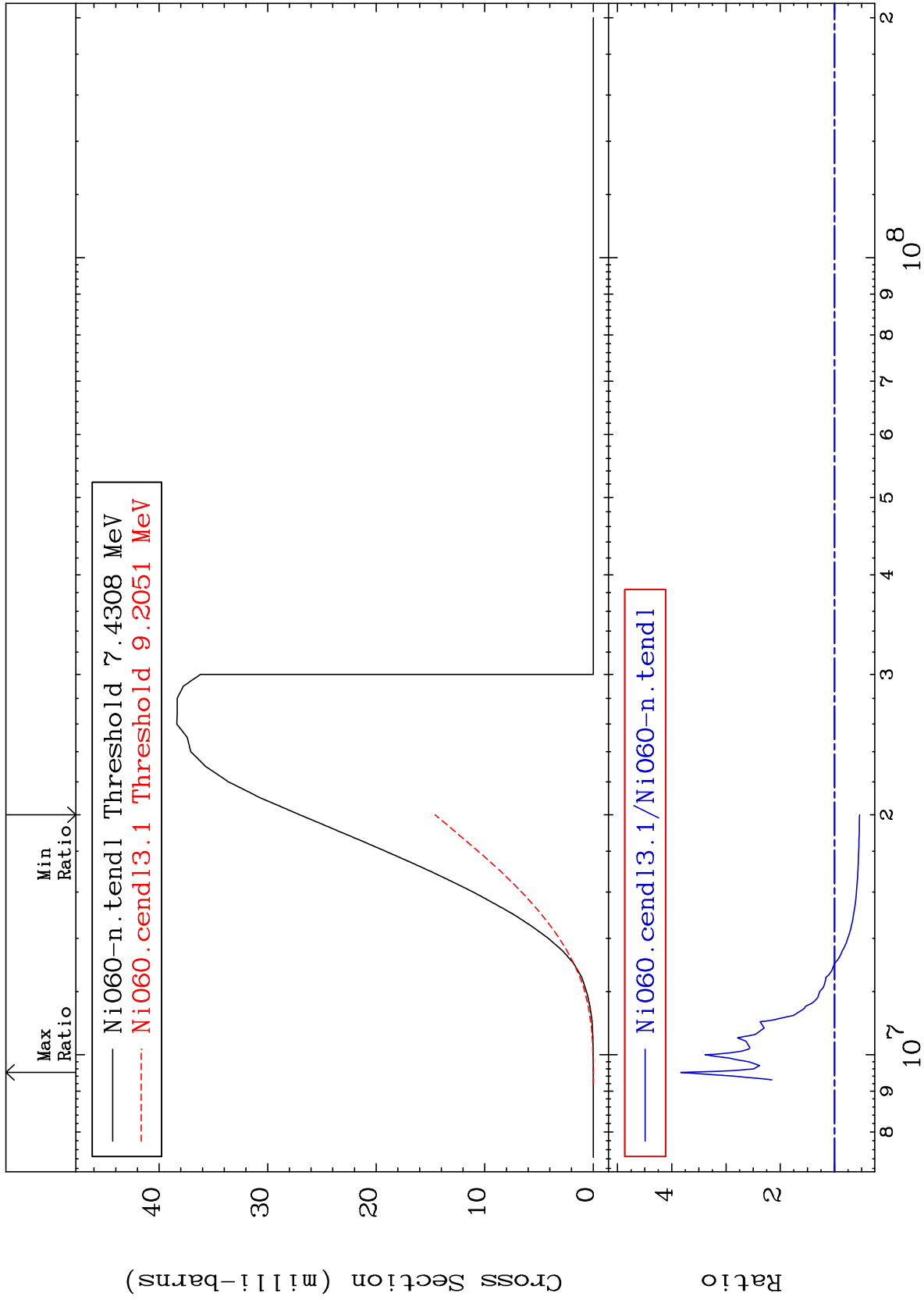
MAT 2831

(n, d)

28-Ni-60

Cross Section

-46.13 To 283.4 %



30

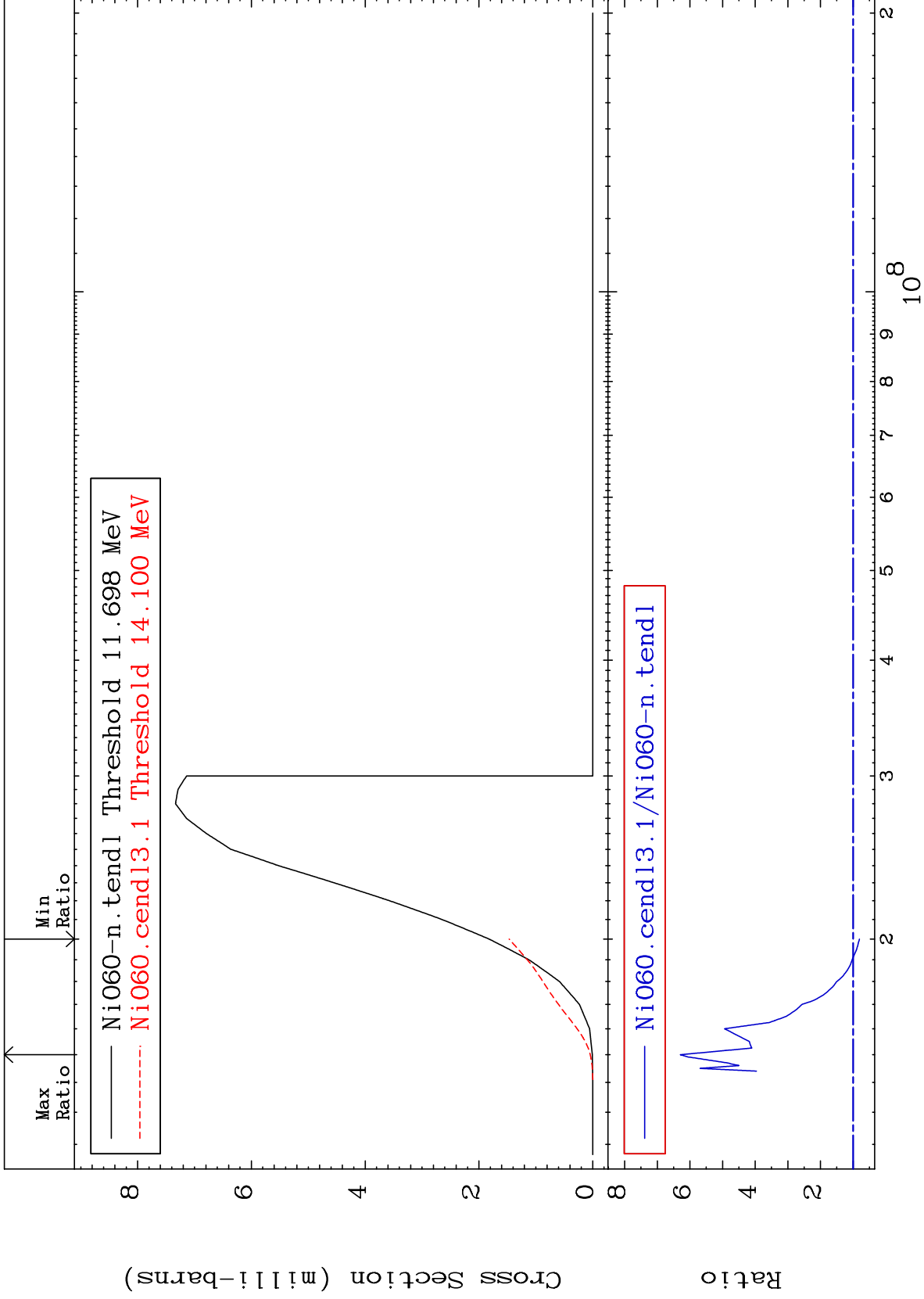
Incident Energy (eV)

28-Ni-60

MAT 2831

(n, t)
Cross Section

28-Ni-60
-19.43 To 529.3 %



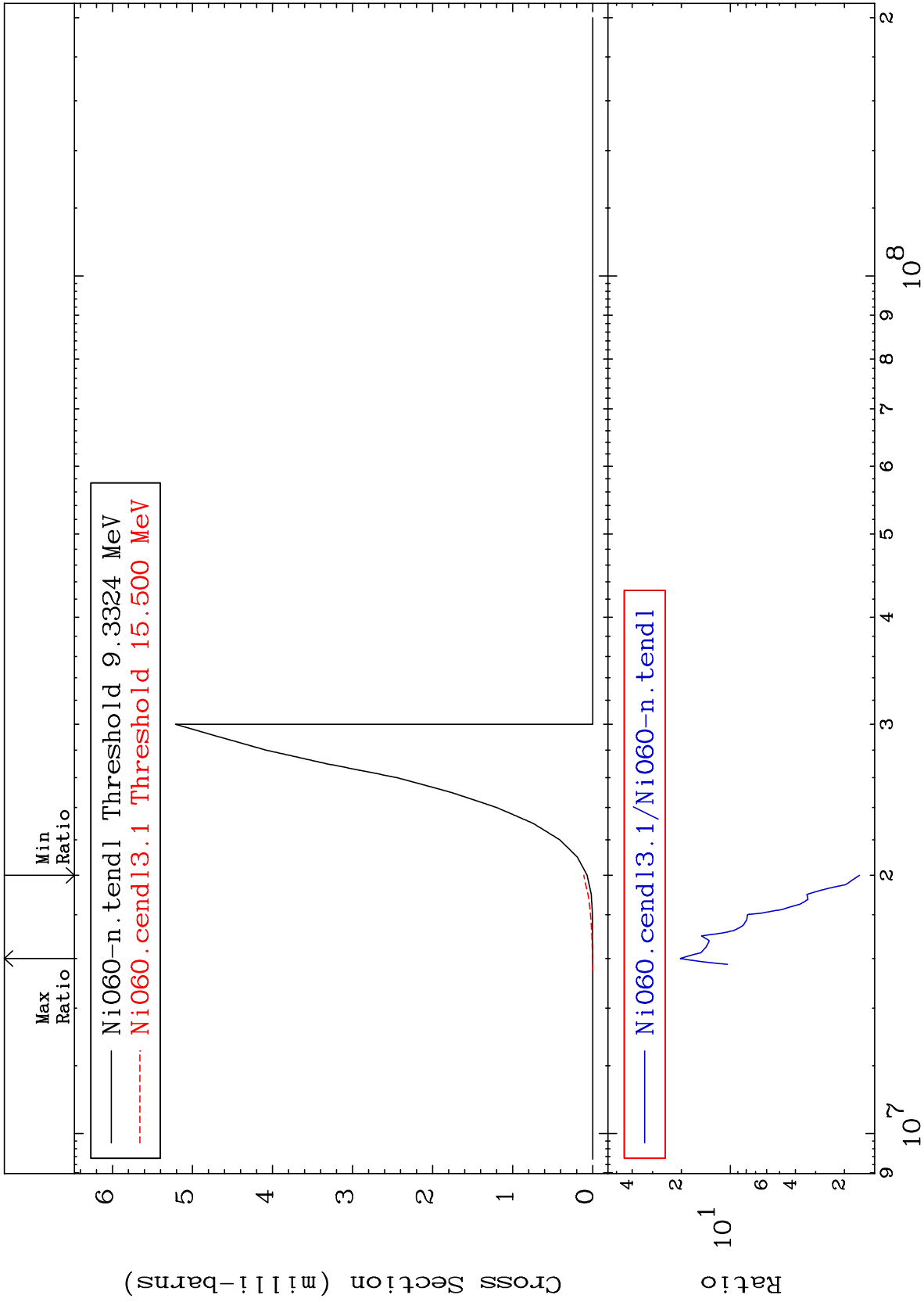
MAT 2831

(n,He-3)

28-Ni-60

Cross Section

61.80 To 1928. %



32

Incident Energy (eV)

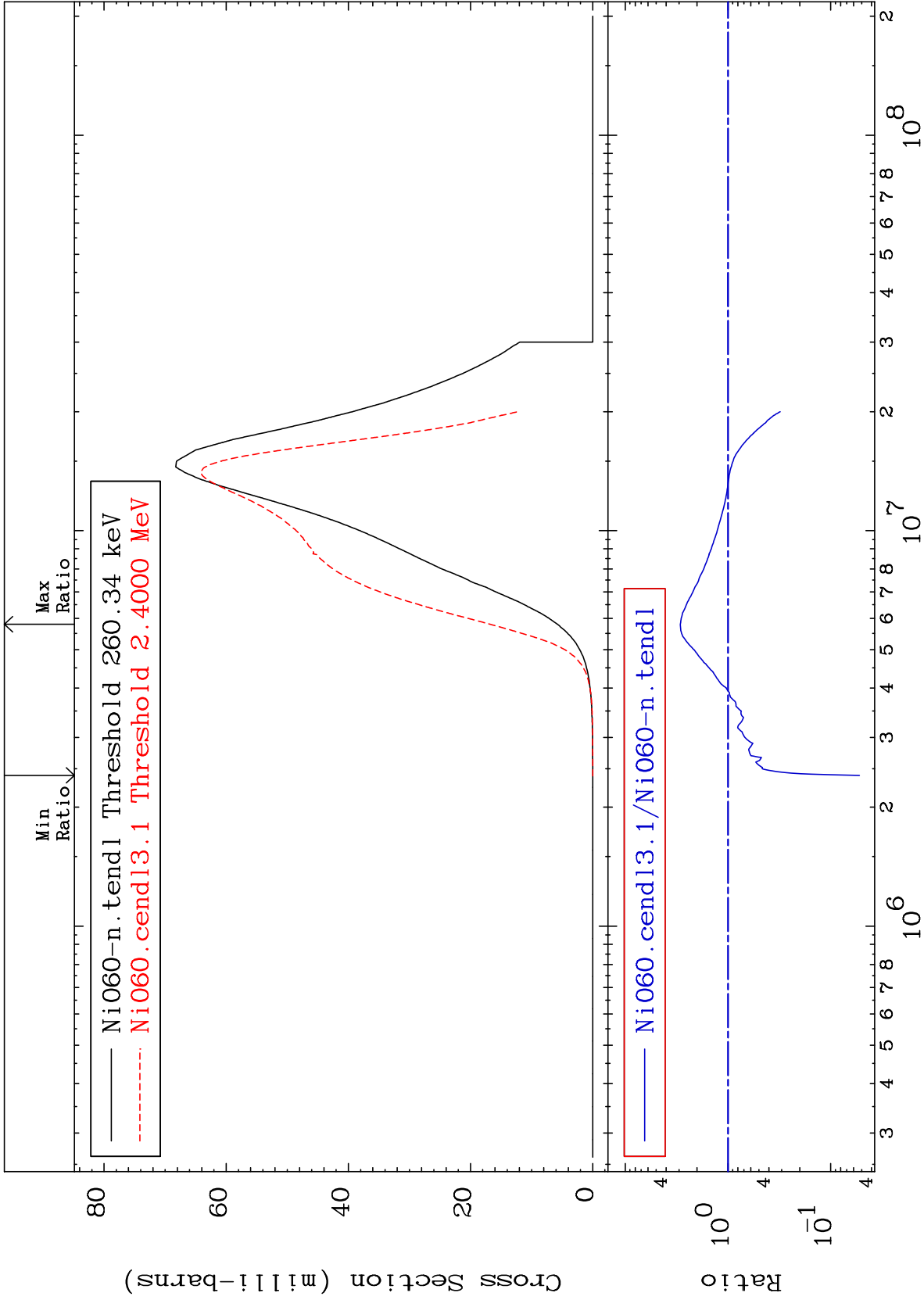
28-Ni-60

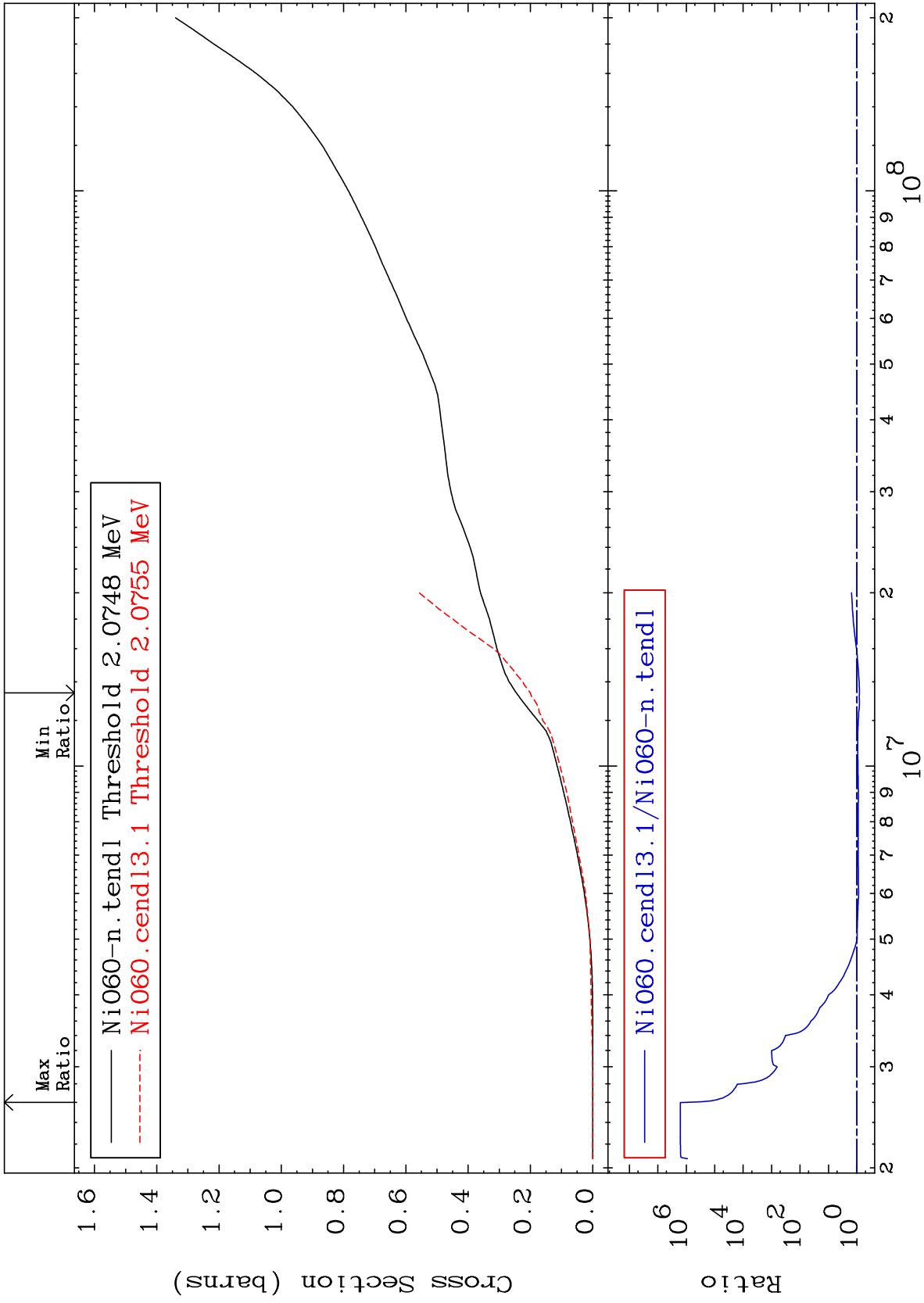
MAT 2831

28-Ni-60

-94.74 To 190.8 %

(n, α)
Cross Section

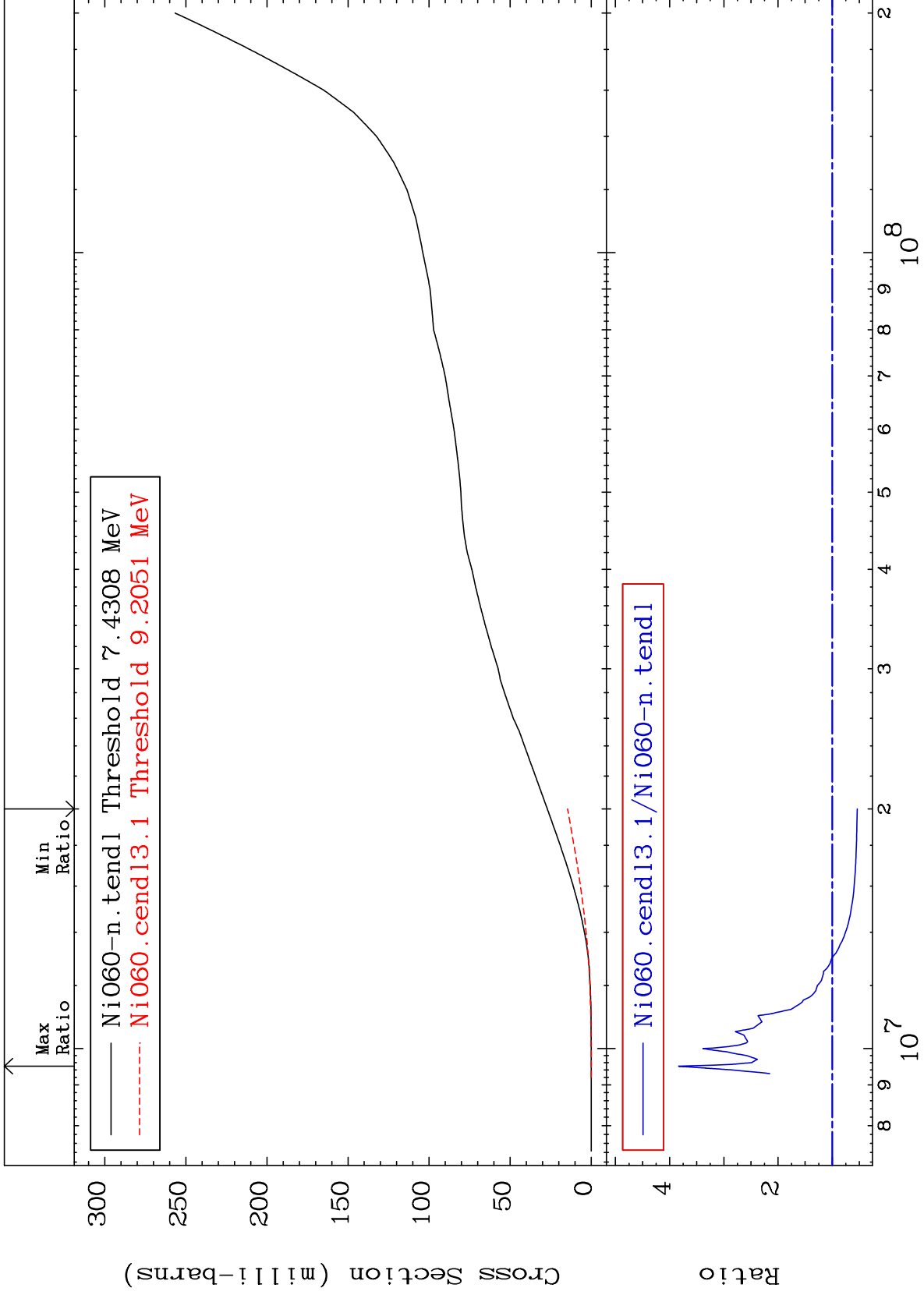




MAT 2831

Deuterium Production
Cross Section

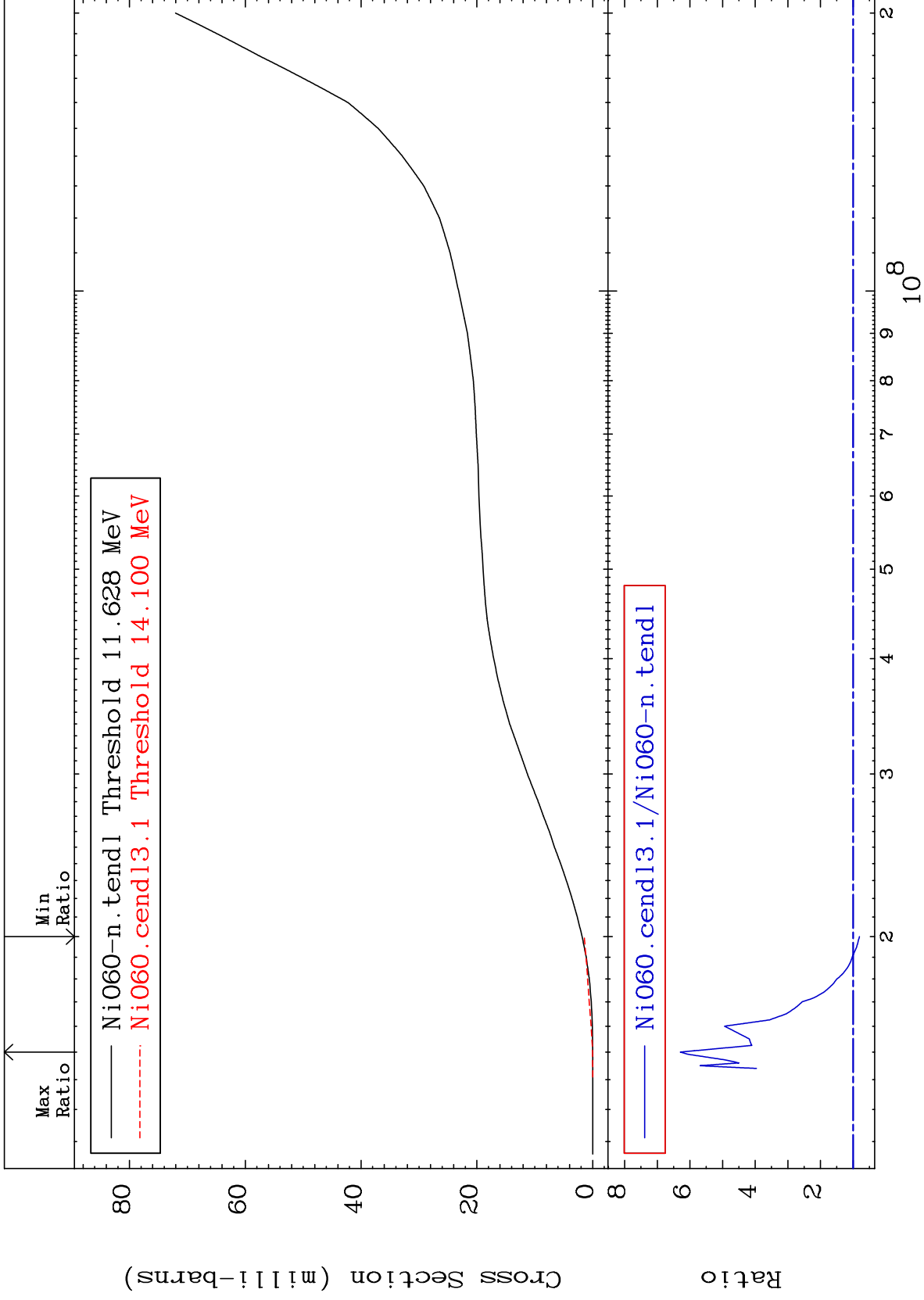
²⁸Ni-60
-46.16 To 283.4 %



35

Incident Energy (eV)

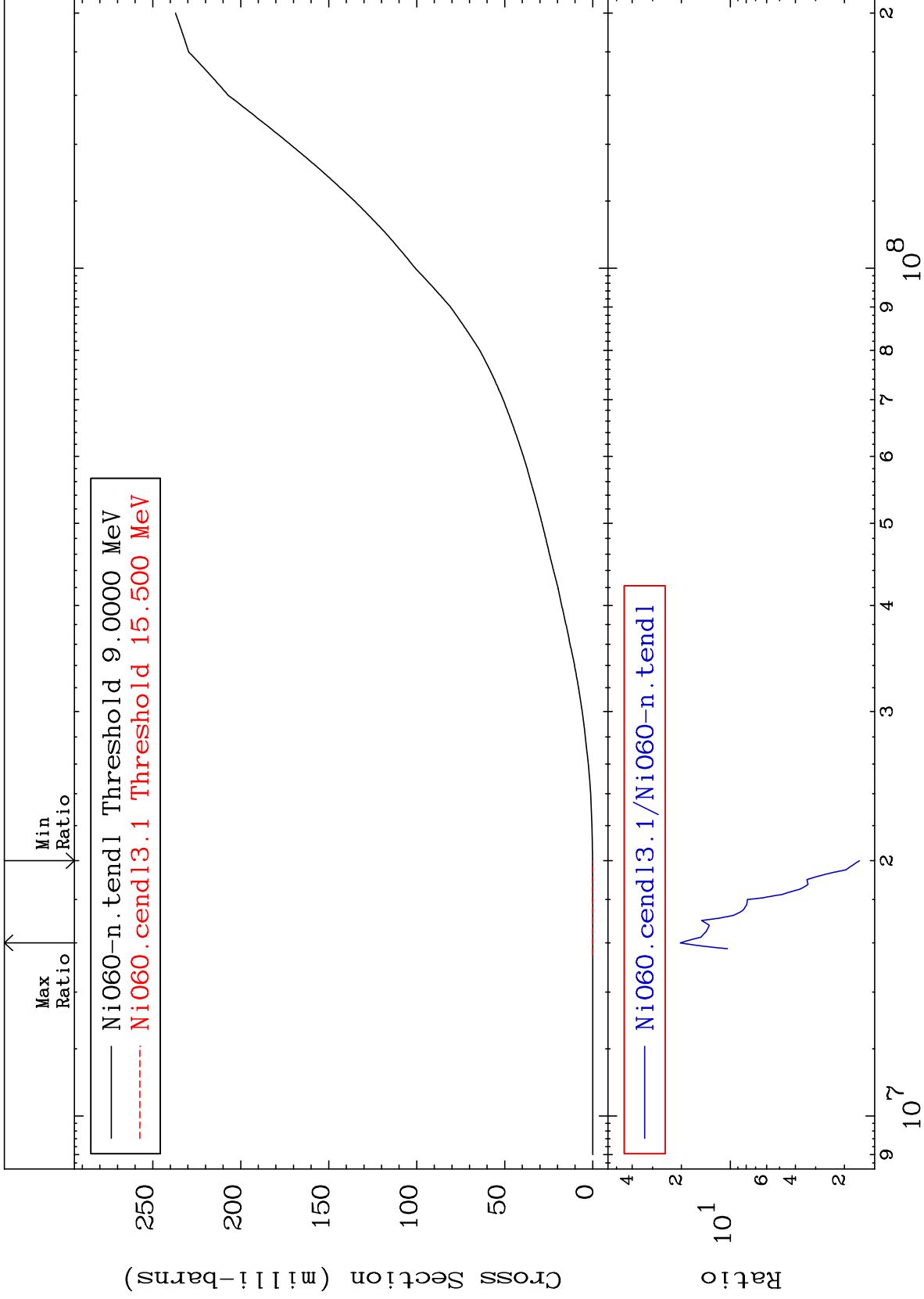
²⁸Ni-60



MAT 2831

He-3 Production
Cross Section

28-Ni-60
61.80 To 1928. %



37

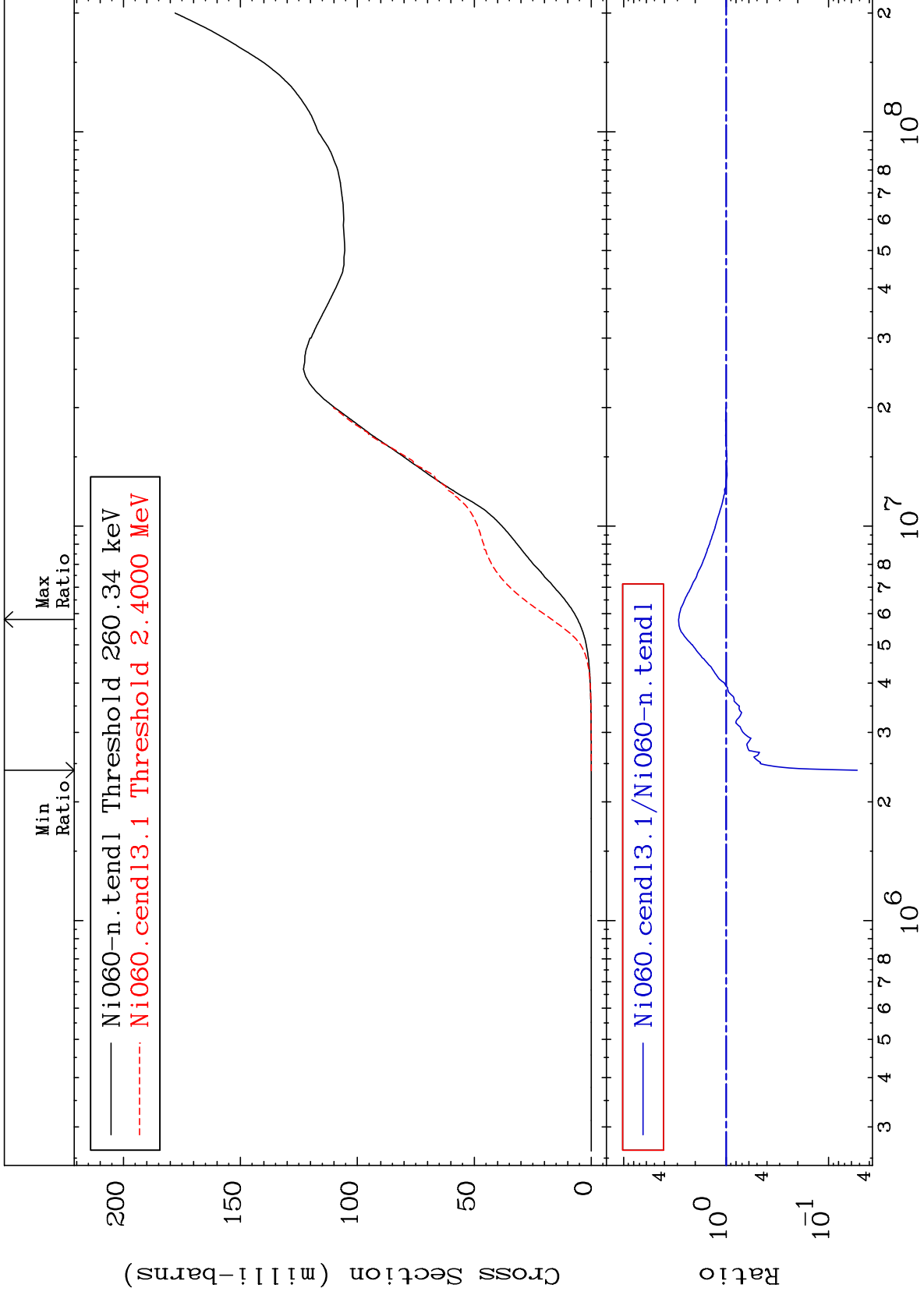
Incident Energy (eV)

28-Ni-60

MAT 2831

He-4 Production
Cross Section

²⁸Ni-60
-94.74 To 190.8 %



38

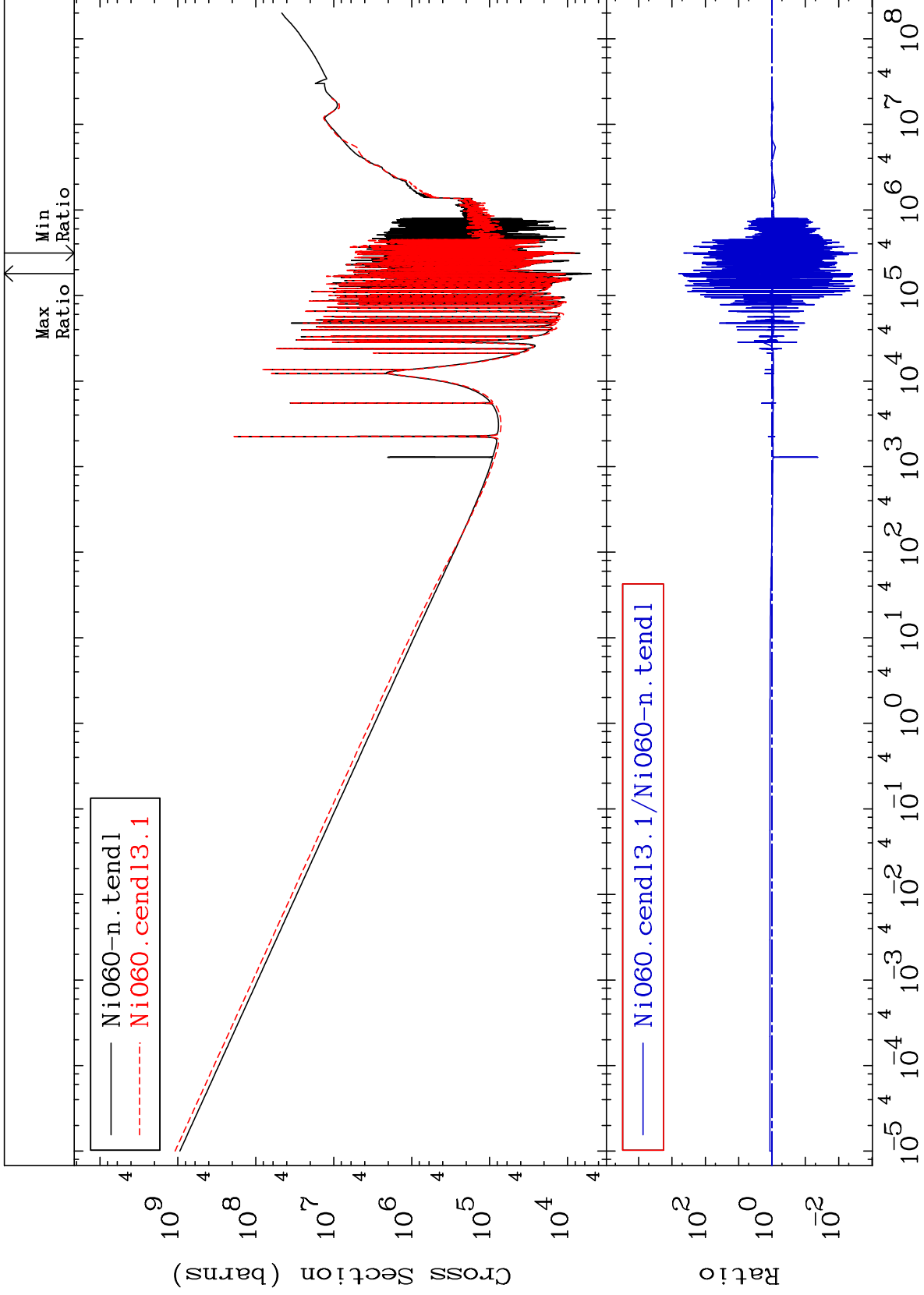
Incident Energy (eV)

²⁸Ni-60

MAT 2831

Kerma total (eV-barns)
Cross Section

28-Ni-60
-99.72 To 9999. %



39

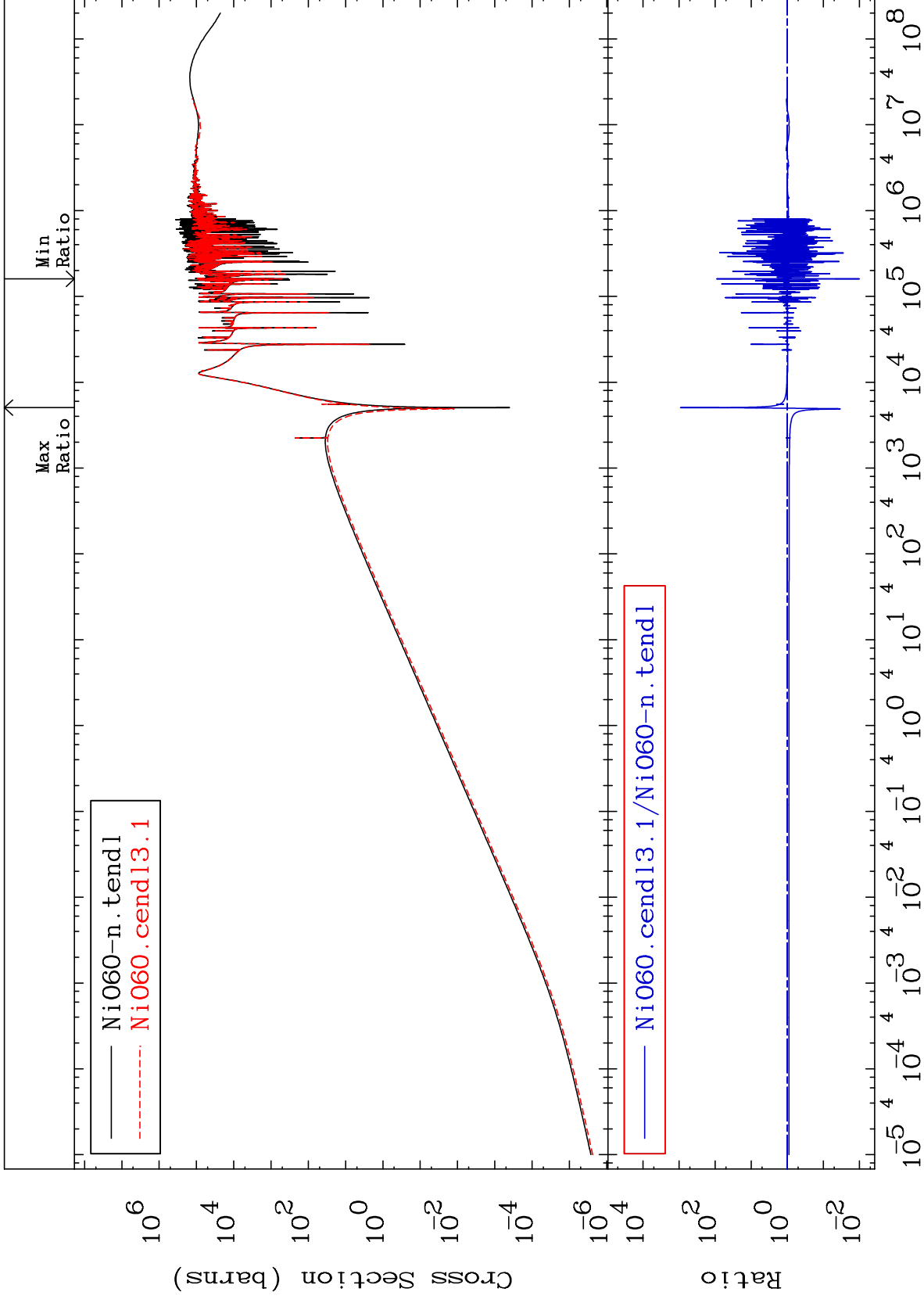
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-99.00 To 9999. %



40

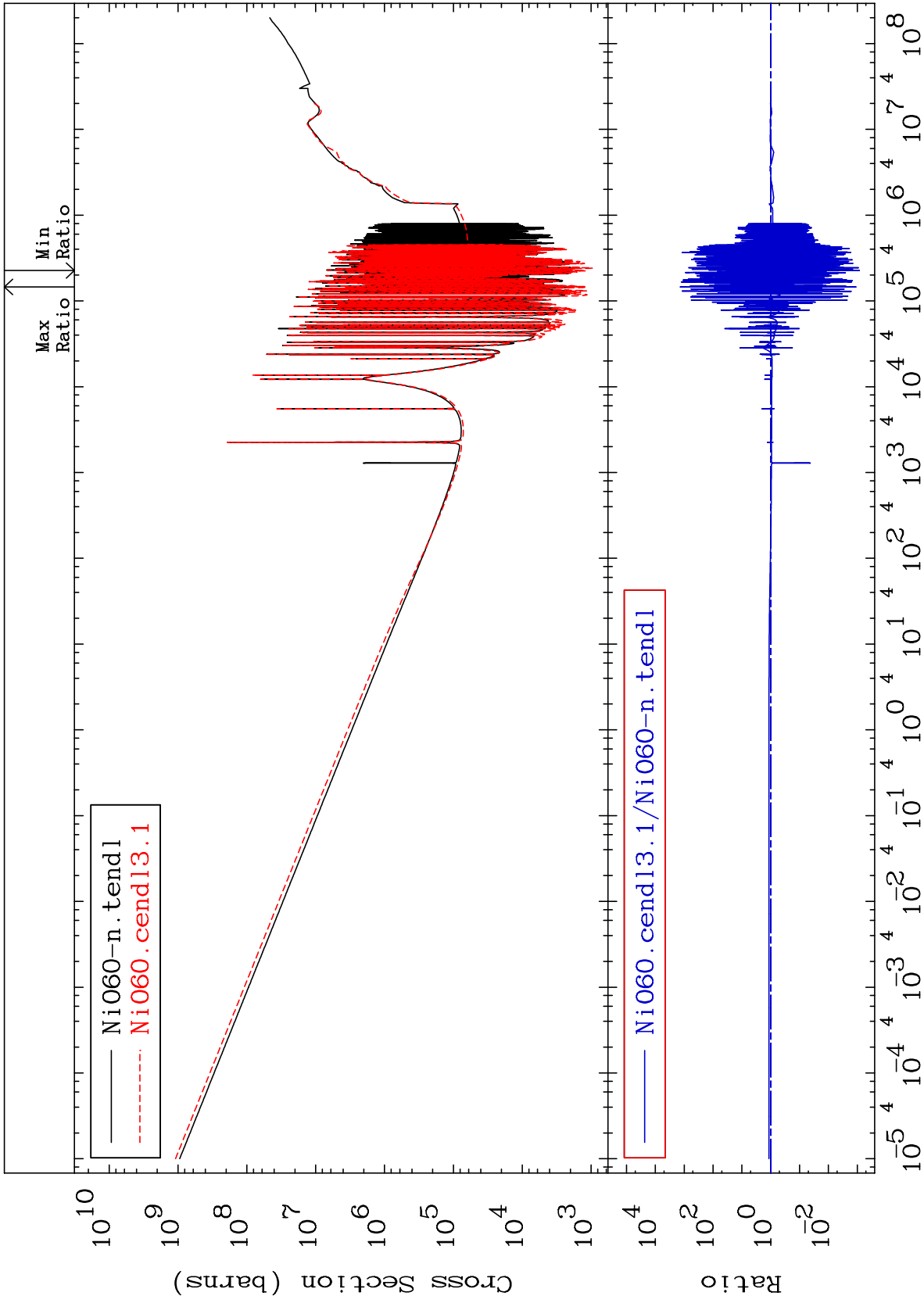
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma non-elastic (all but mt2)
Cross Section

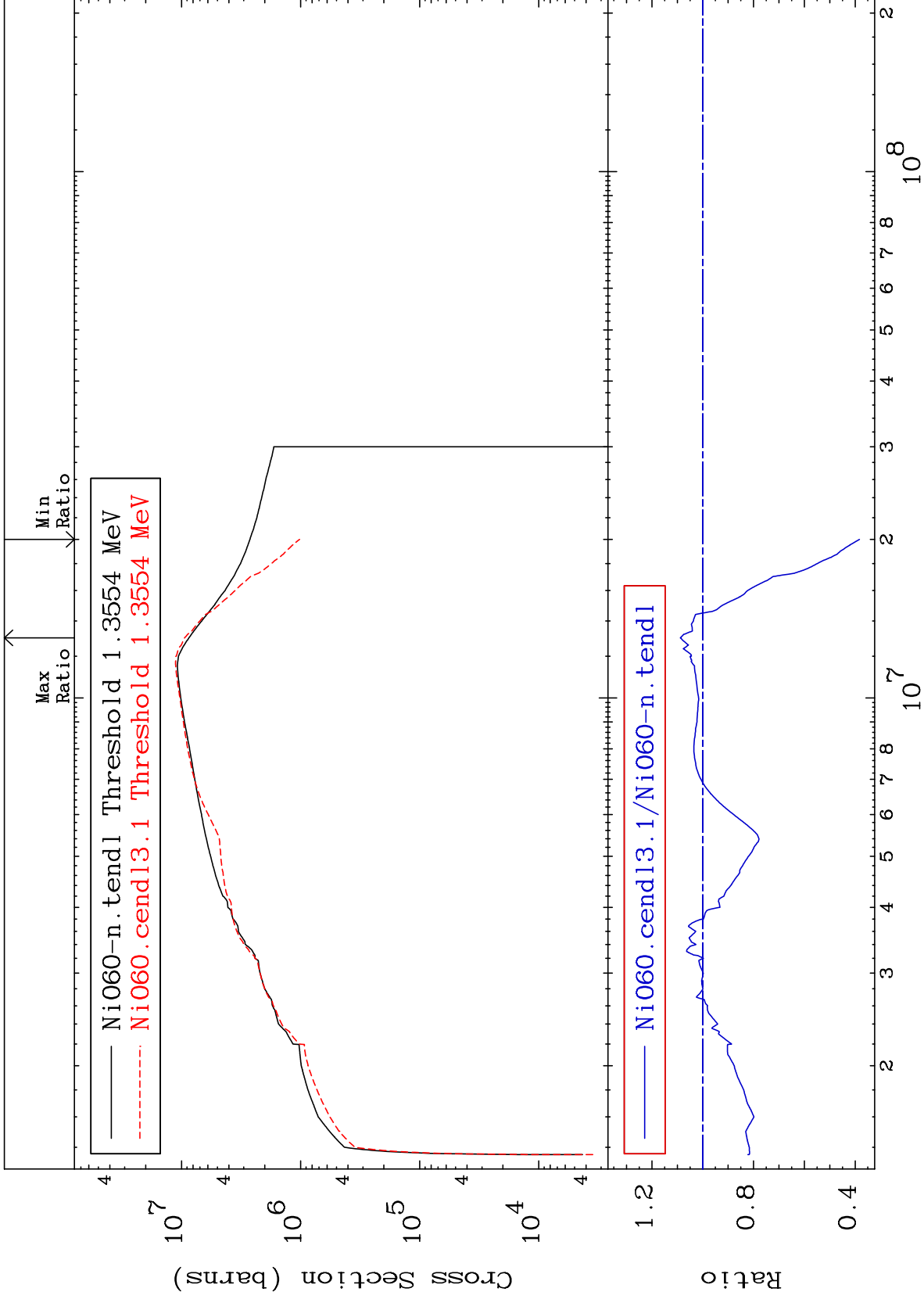
28-Ni-60
-99.92 To 9999. %



41

Incident Energy (eV)

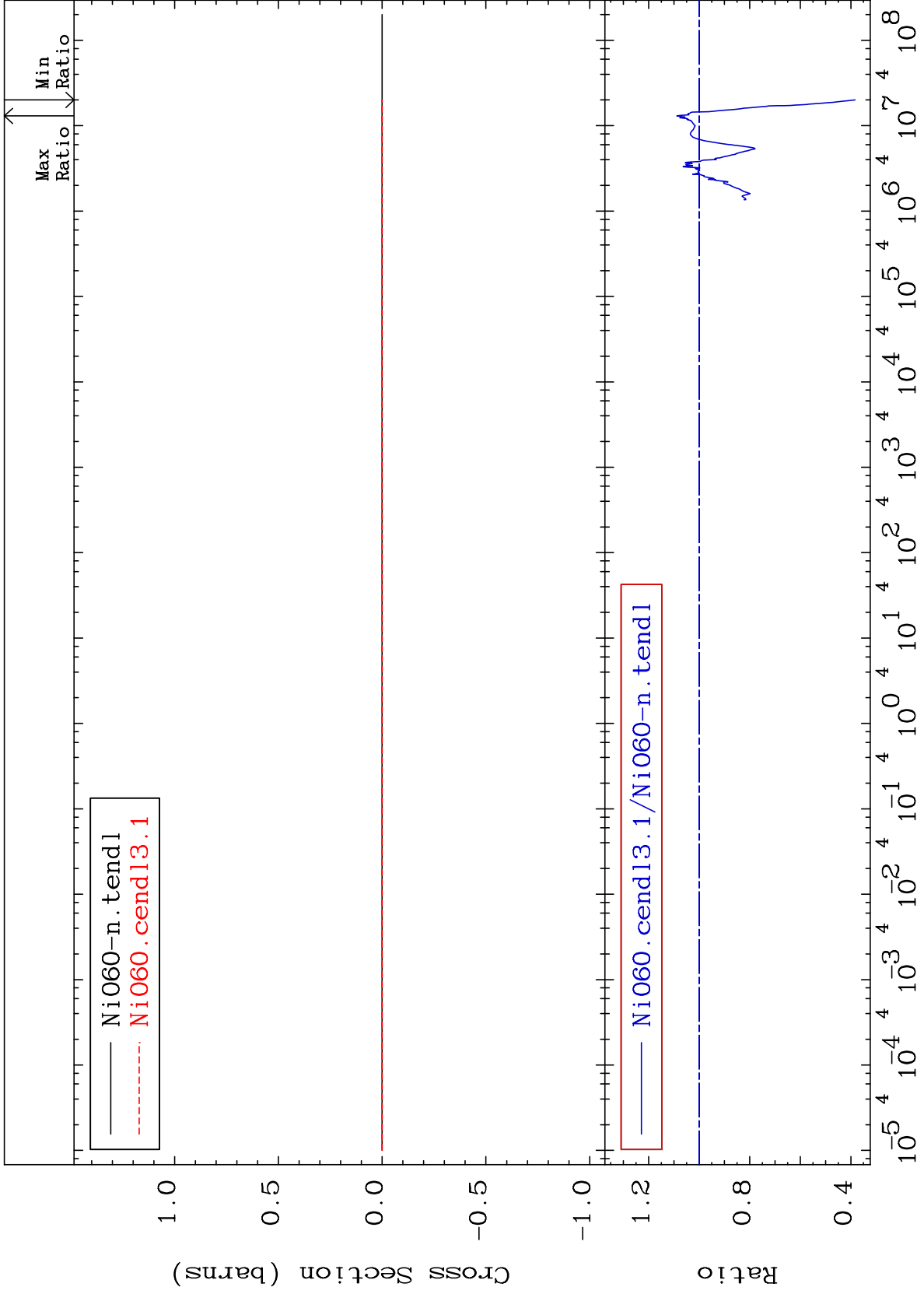
28-Ni-60



MAT 2831

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

28-Ni-60
-61.68 To 8.806 %



43

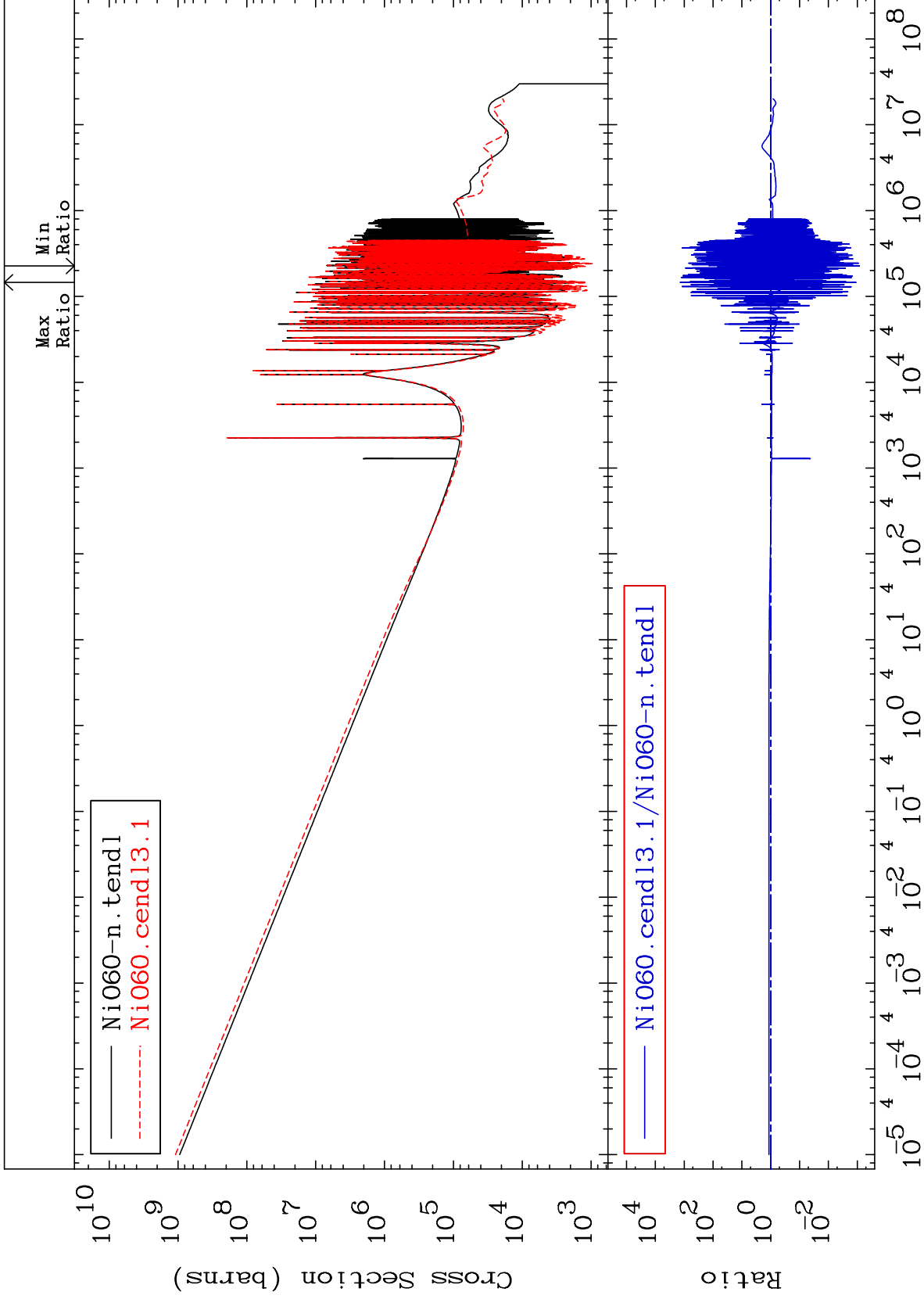
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma capture (mt102)
Cross Section

28-Ni-60
-99.92 To 9999. %



44

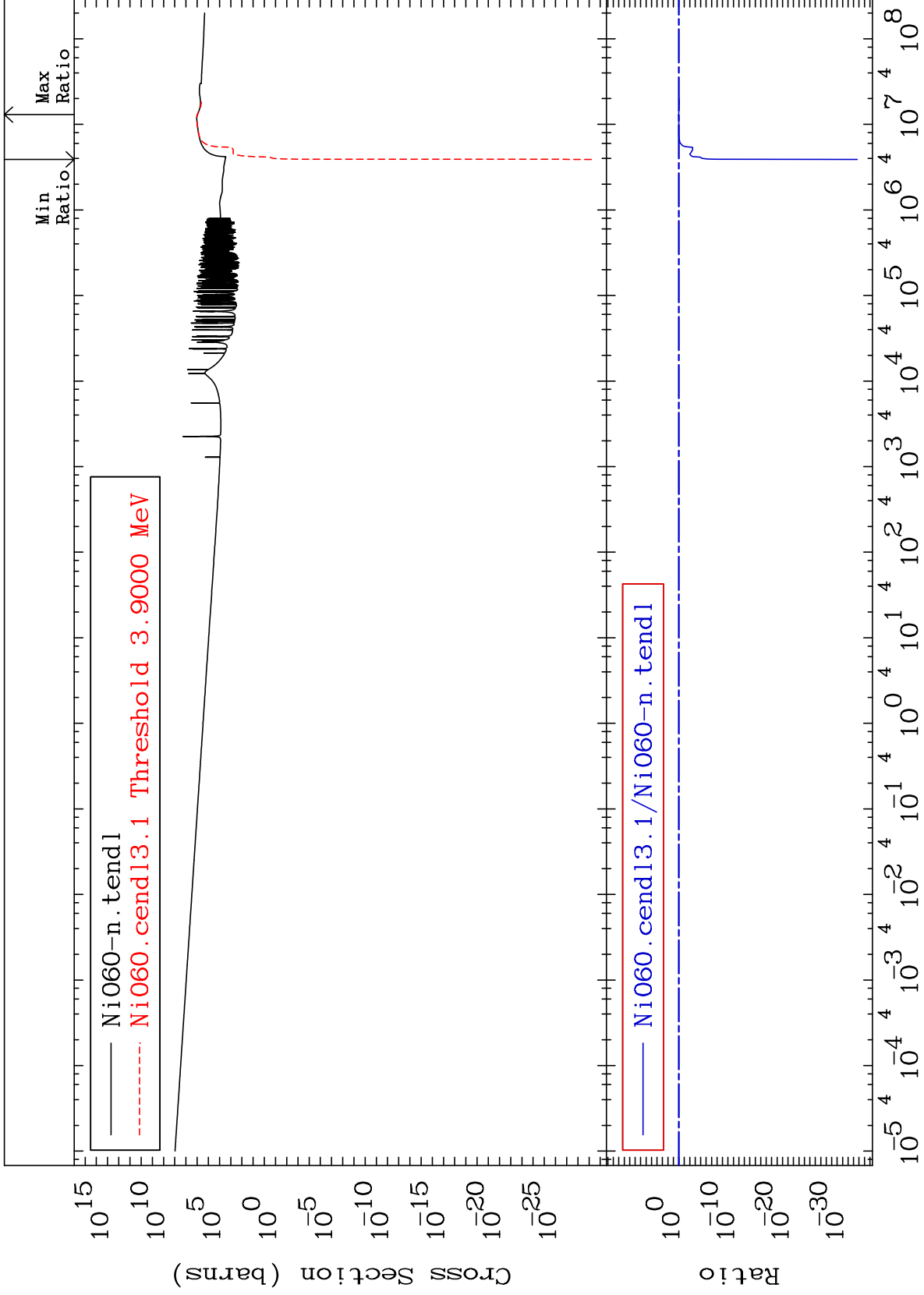
Incident Energy (eV)

28-Ni-60

MAT 2831

Total photon (eV-barns)
Cross Section

28-Ni-60
-100.0 To 7.677 %



45

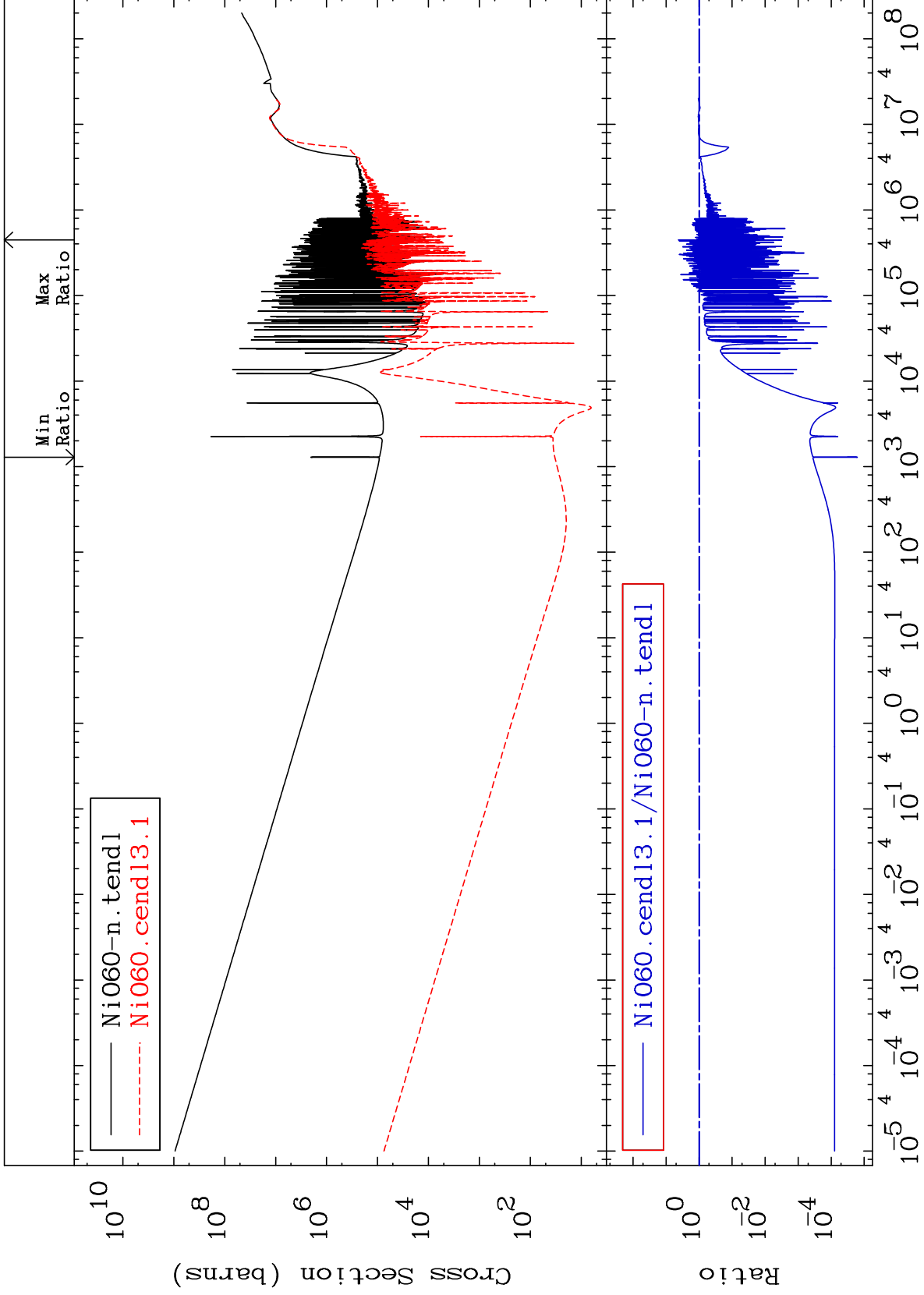
Incident Energy (eV)

28-Ni-60

MAT 2831

Total kinematic kerma (high limit)
Cross Section

28-Ni-60
-100.0 To 317.0 %



46

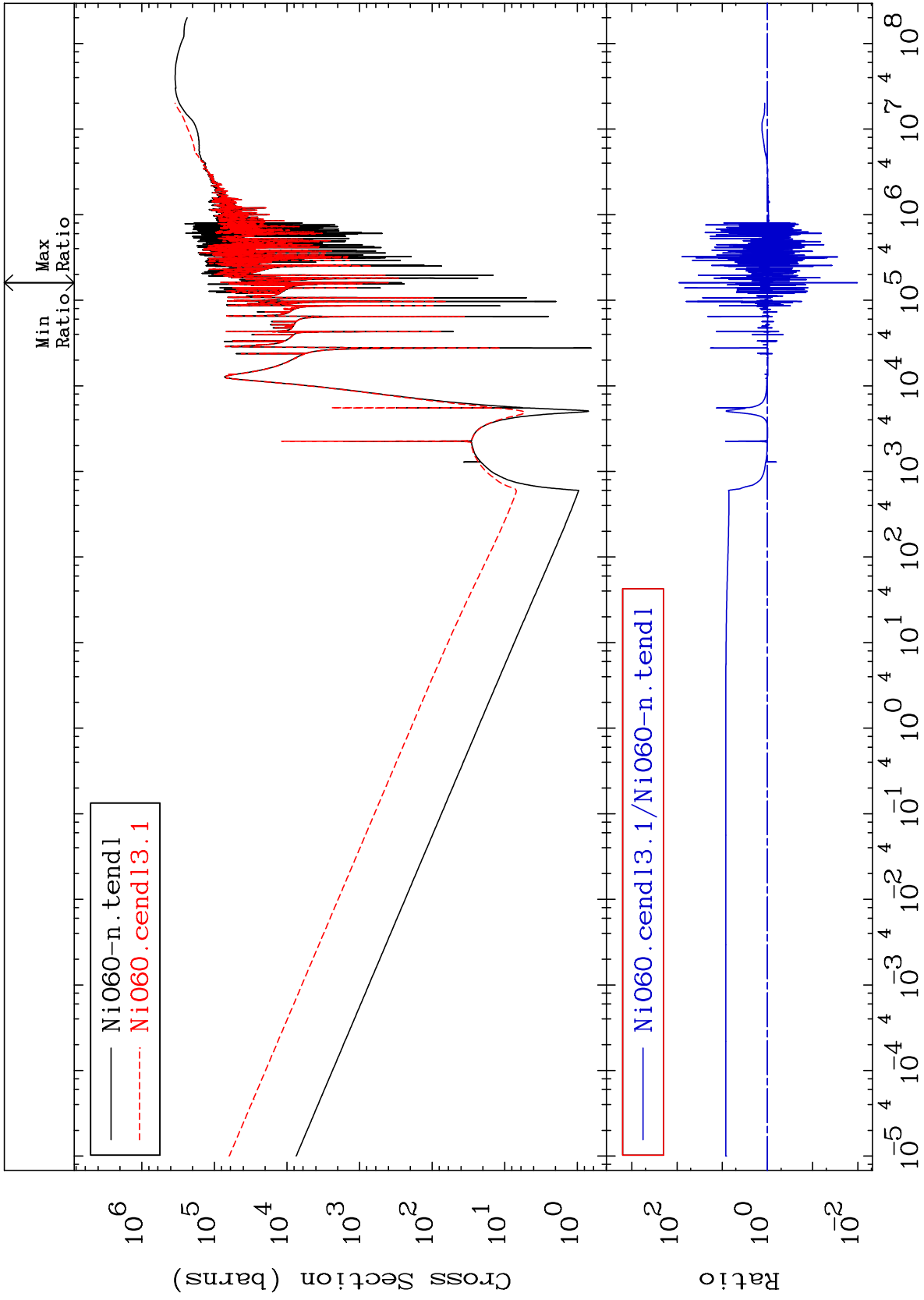
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa total (eV-barns)
Cross Section

28-Ni-60
-98.97 To 9121. %



47

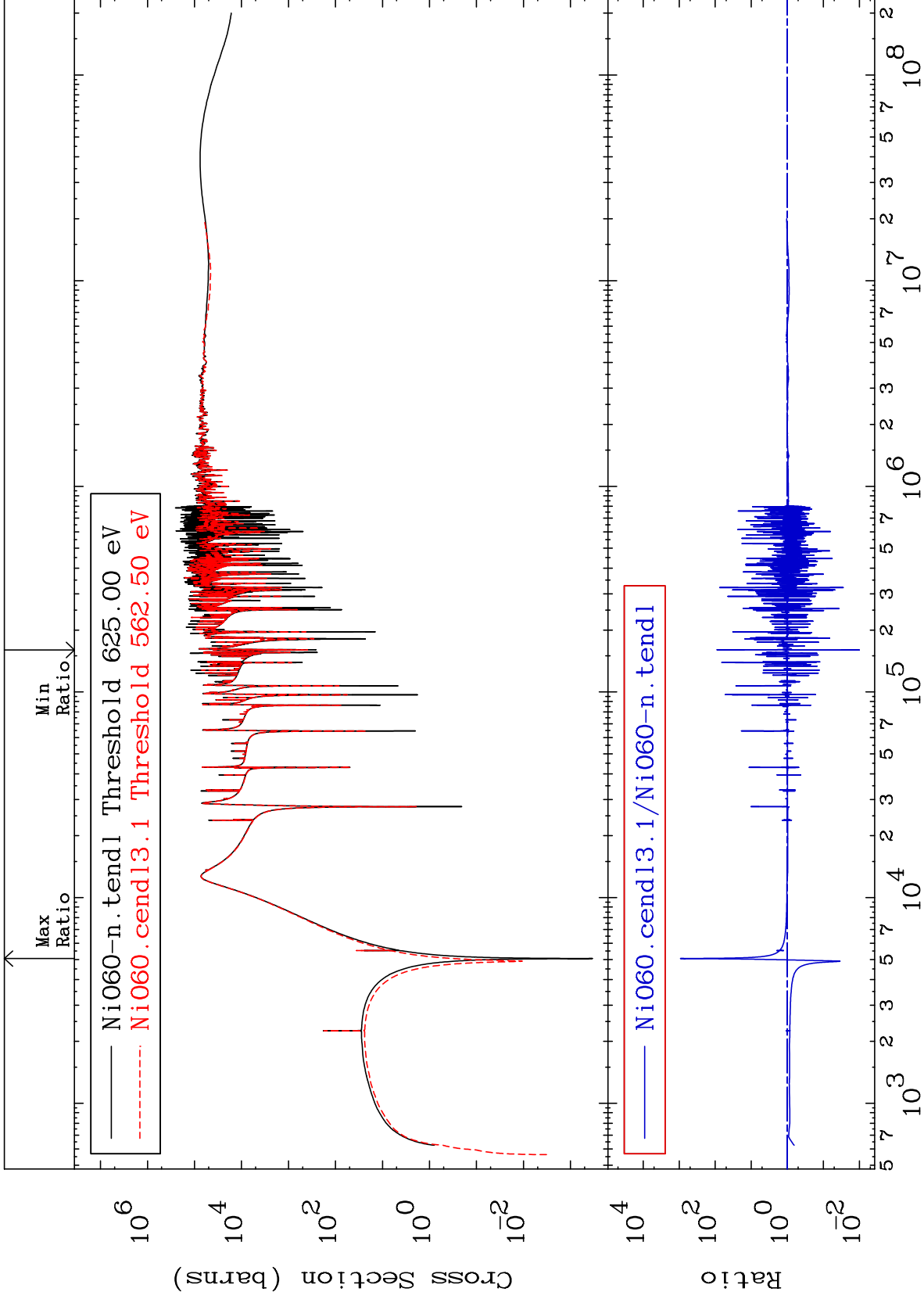
Incident Energy (eV)

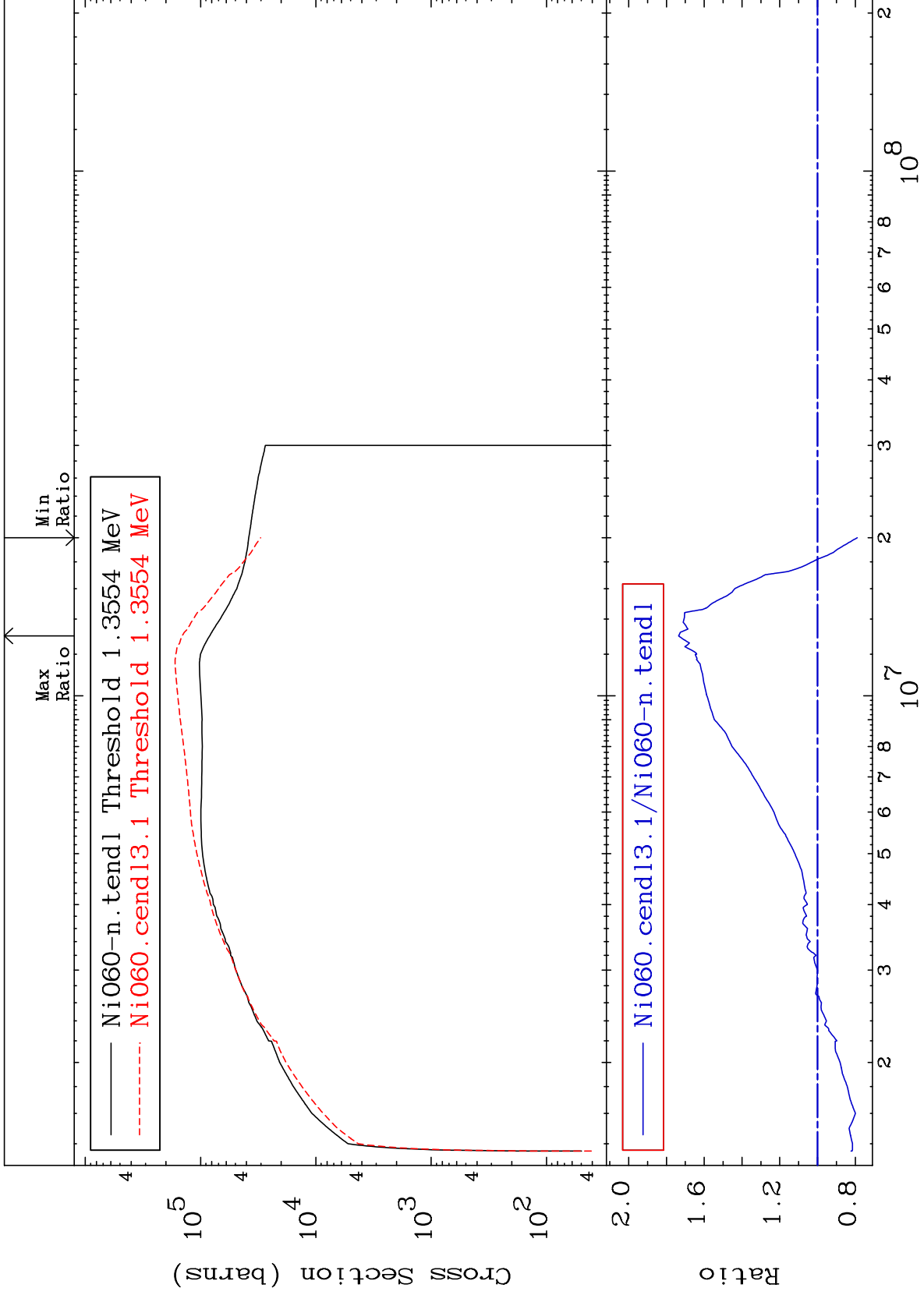
28-Ni-60

MAT 2831

Dpa elastic (mt2)
Cross Section

28-Ni-60
-99.00 To 9999. %





MAT 2831

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-60
-95.53 To 9999. %

