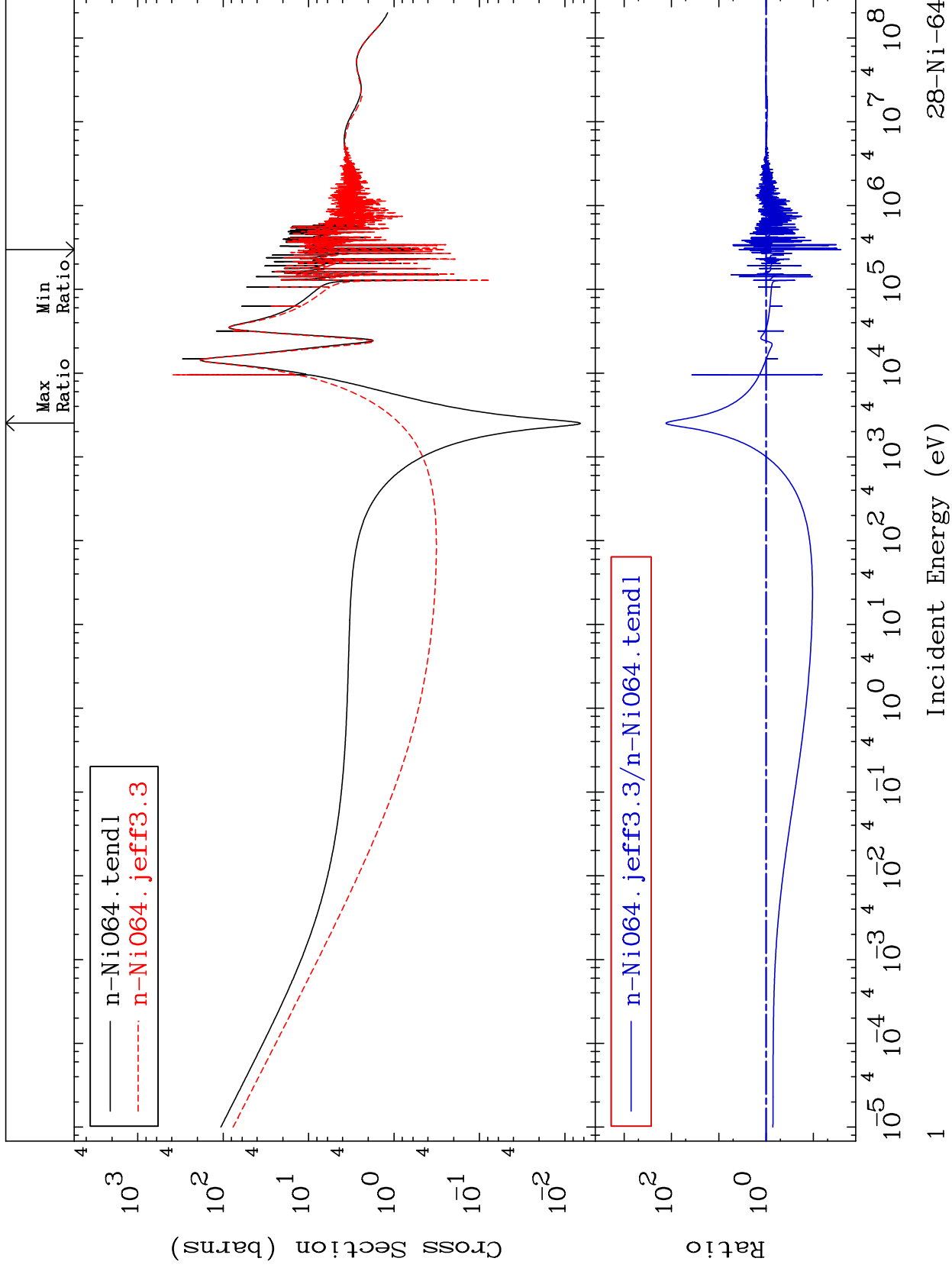


MAT 2843

Total
Cross Section

28-Ni-64
-97.37 To 9999. %



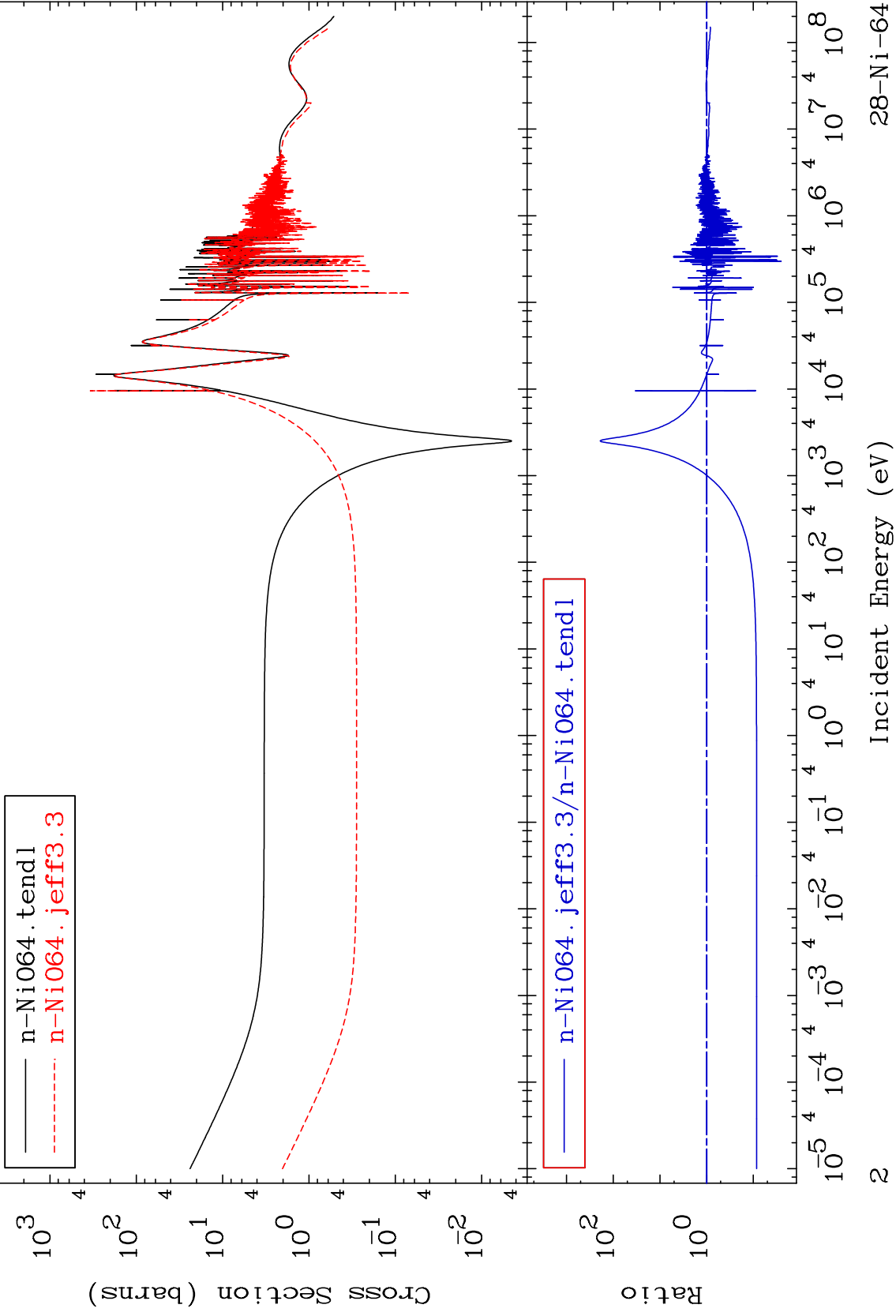
28-Ni-64

Incident Energy (eV)

MAT 2843

Elastic
Cross Section

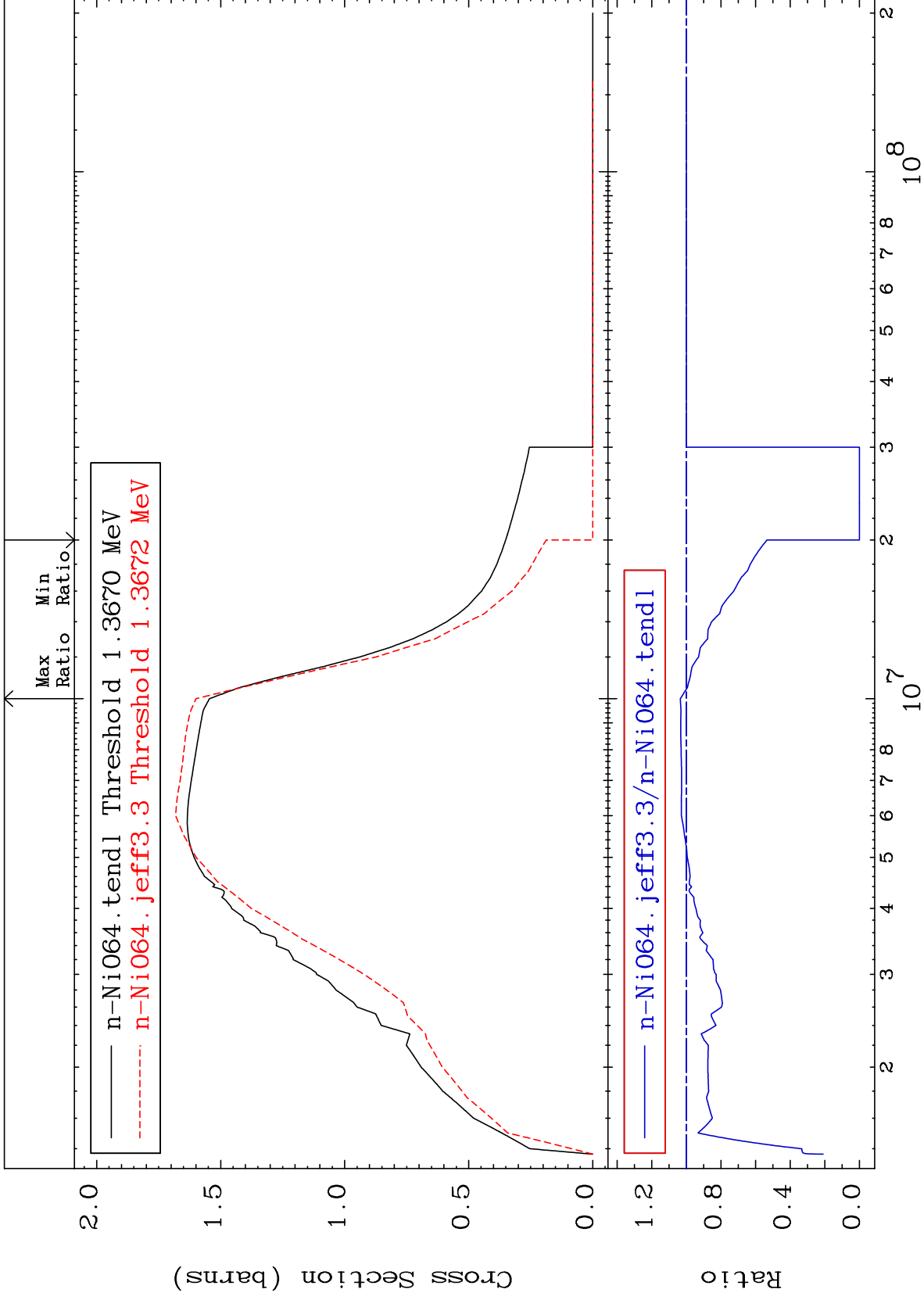
28-Ni-64
-97.45 To 9999. %



MAT 2843

Inelastic
Cross Section

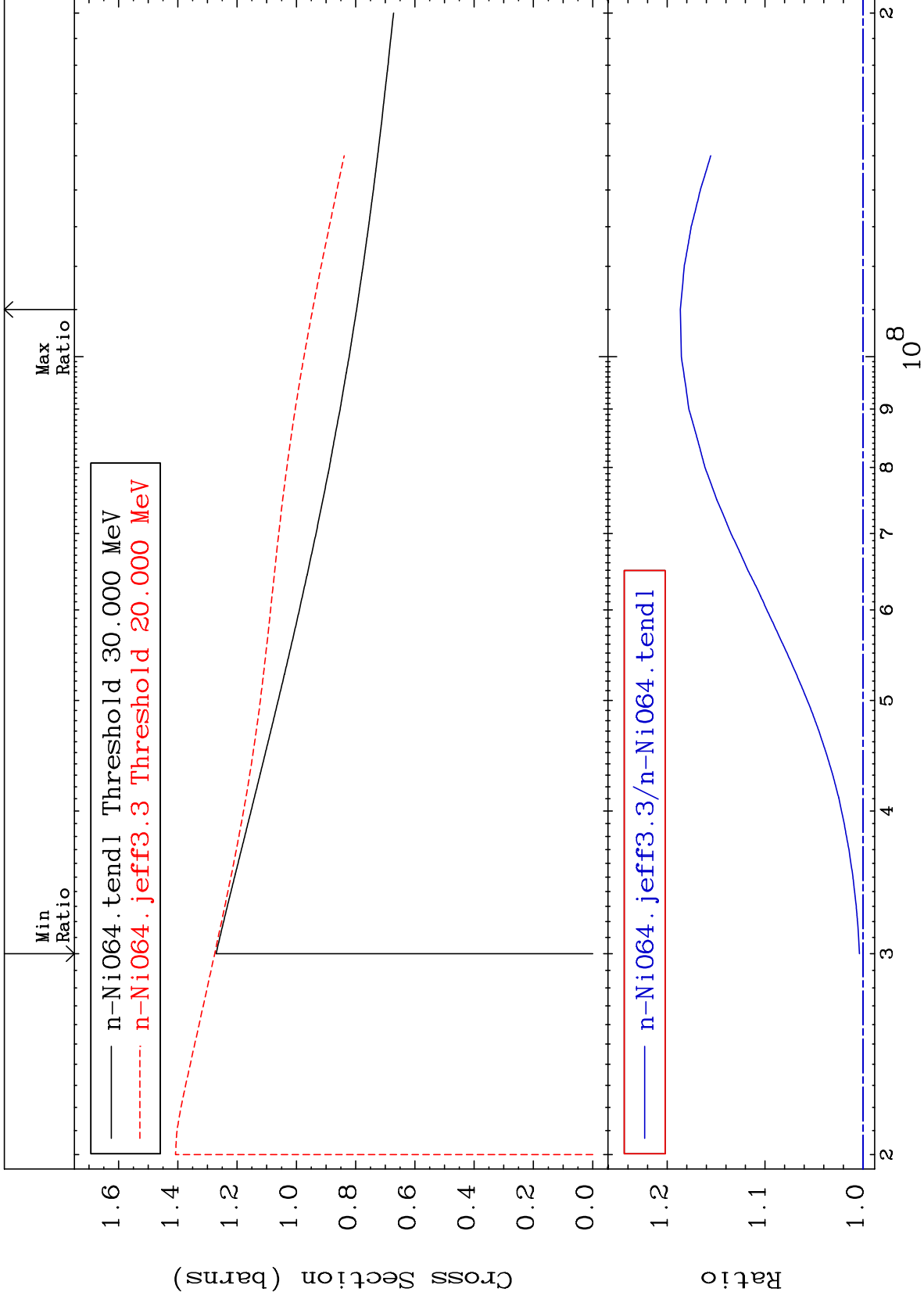
28-Ni-64
-100.0 To 3.502 %



MAT 2843

(n, remainder)
Cross Section

28-Ni-64
To 18.65 %
0.364



4

Incident Energy (eV)

28-Ni-64

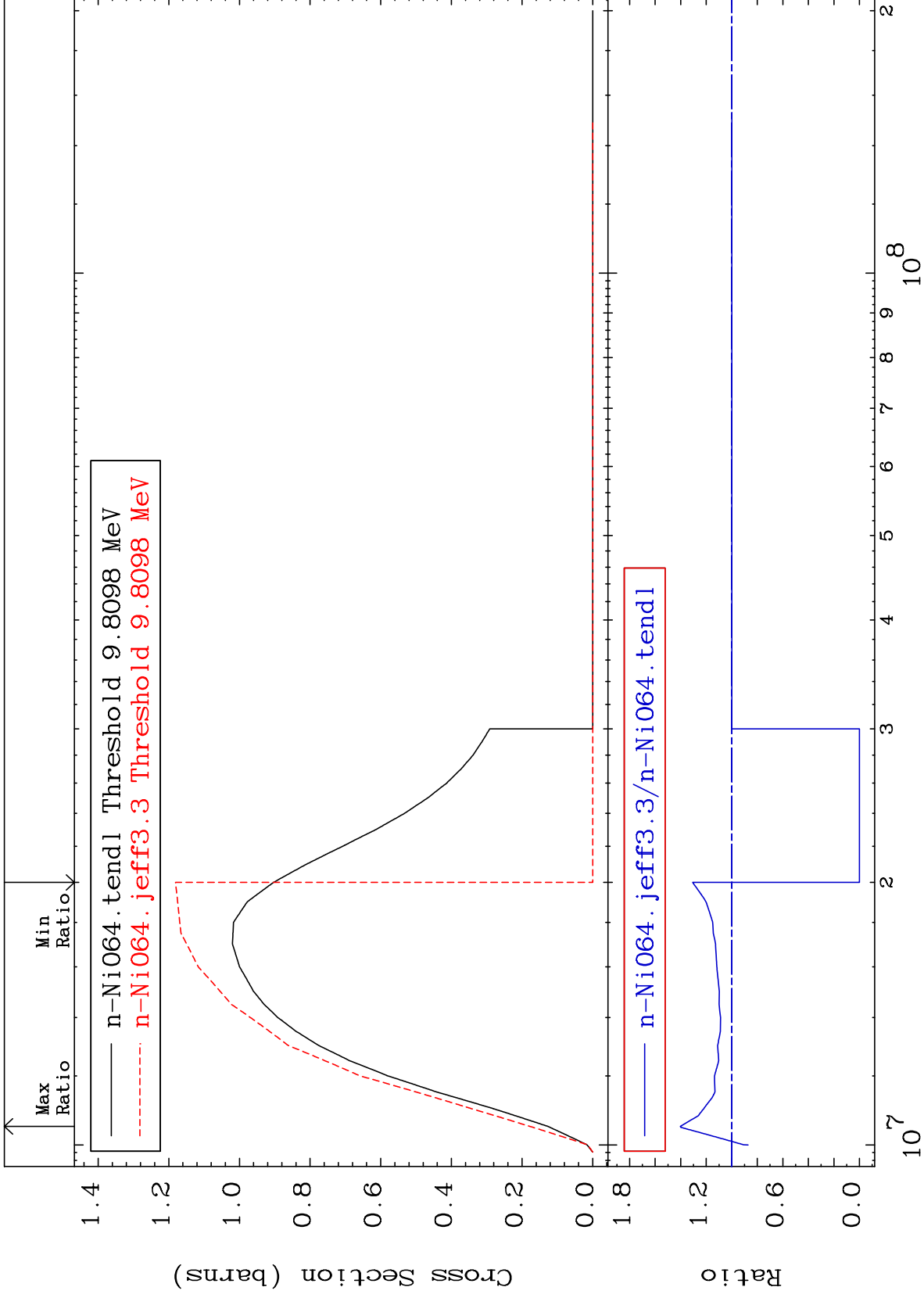
MAT 2843

(n,2n)

28-Ni-64

Cross Section

-100.0 To 40.26 %



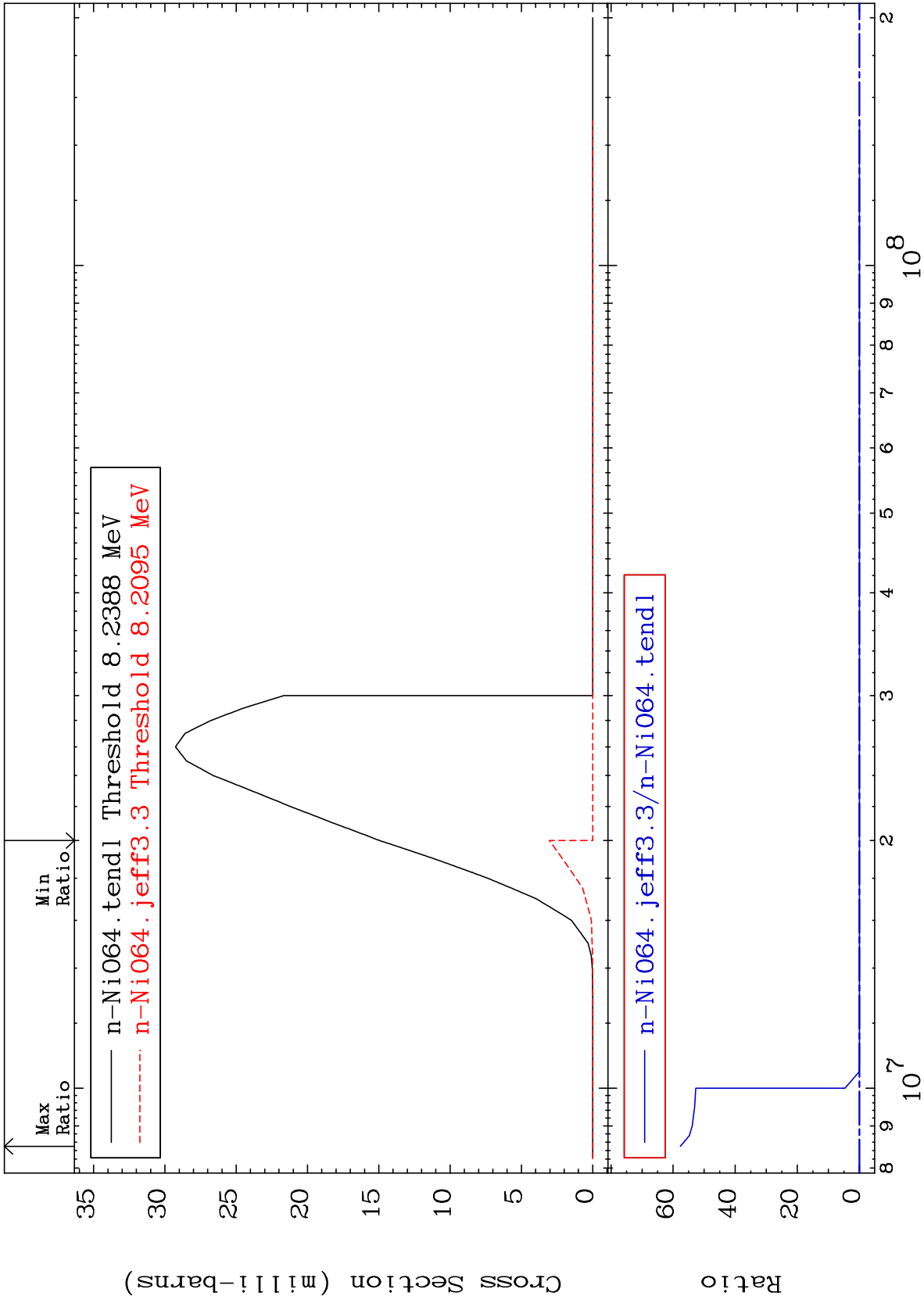
28-Ni-64

5

MAT 2843

(n,n') α
Cross Section

28-Ni-64
-100.0 To 9999. %



6

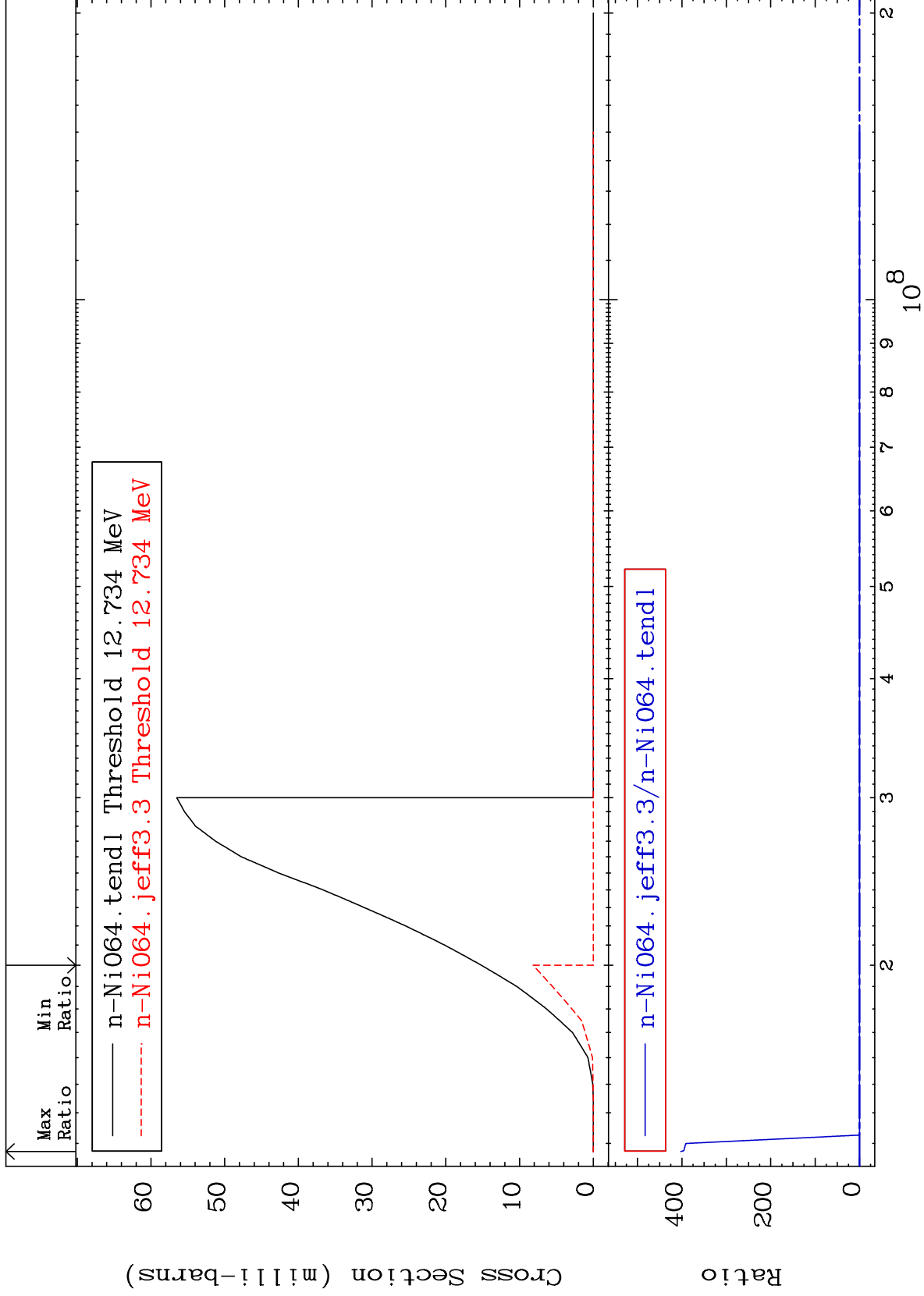
Incident Energy (eV)

28-Ni-64

MAT 2843

(n,n') p
Cross Section

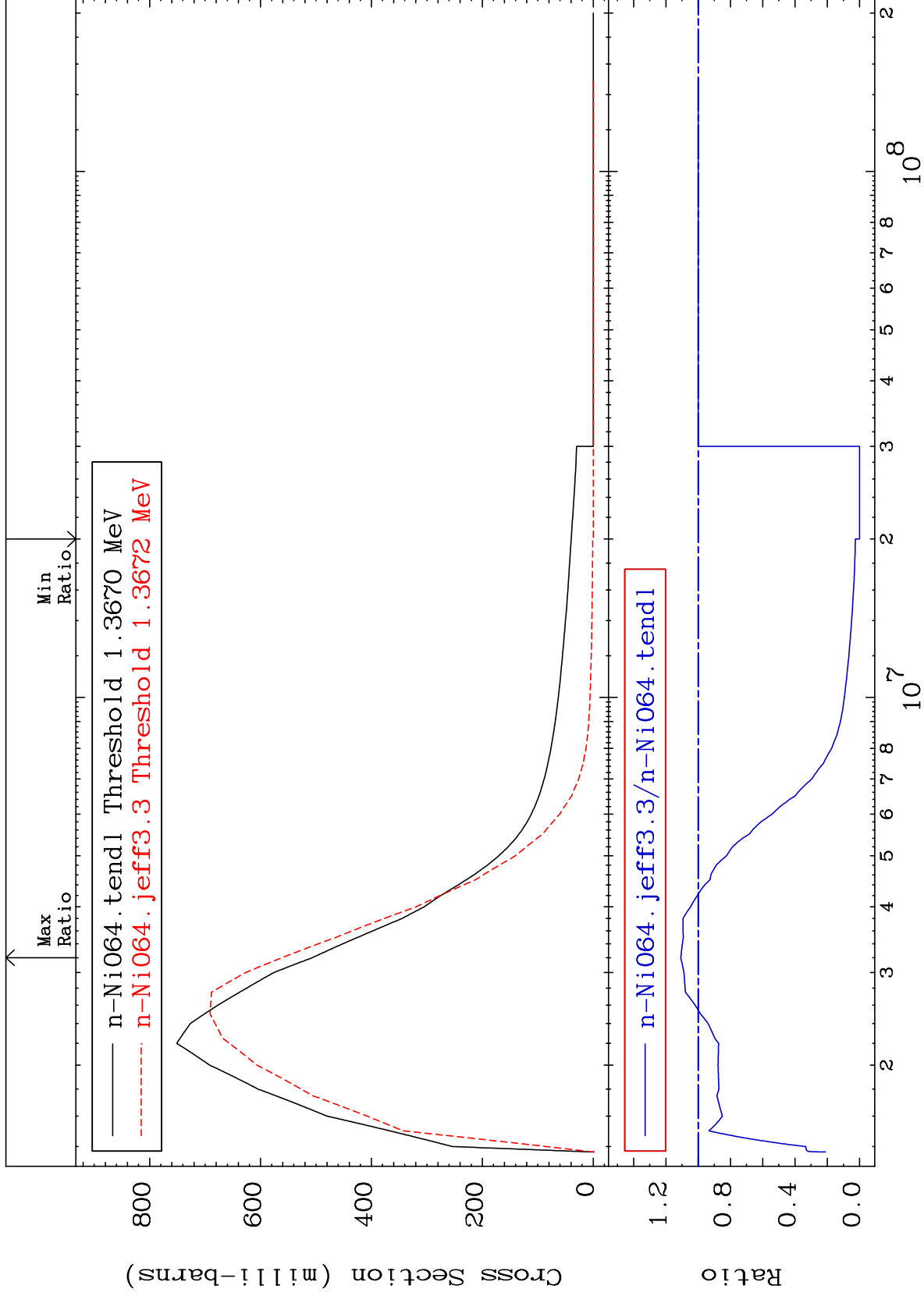
28-Ni-64
-100.0 To 9999. %



MAT 2843

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

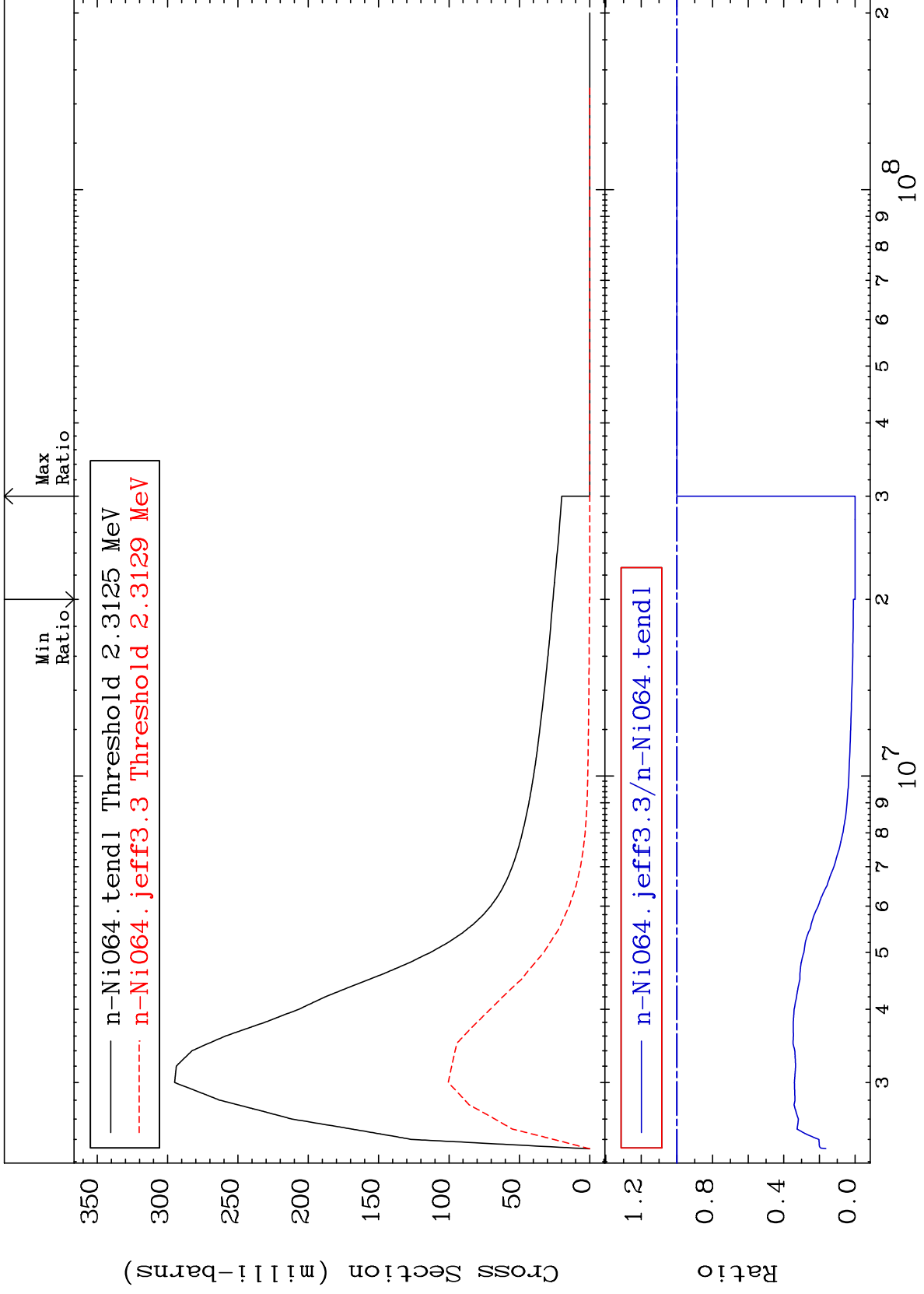
28-Ni-64
-100.0 To 10.79 %



MAT 2843

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

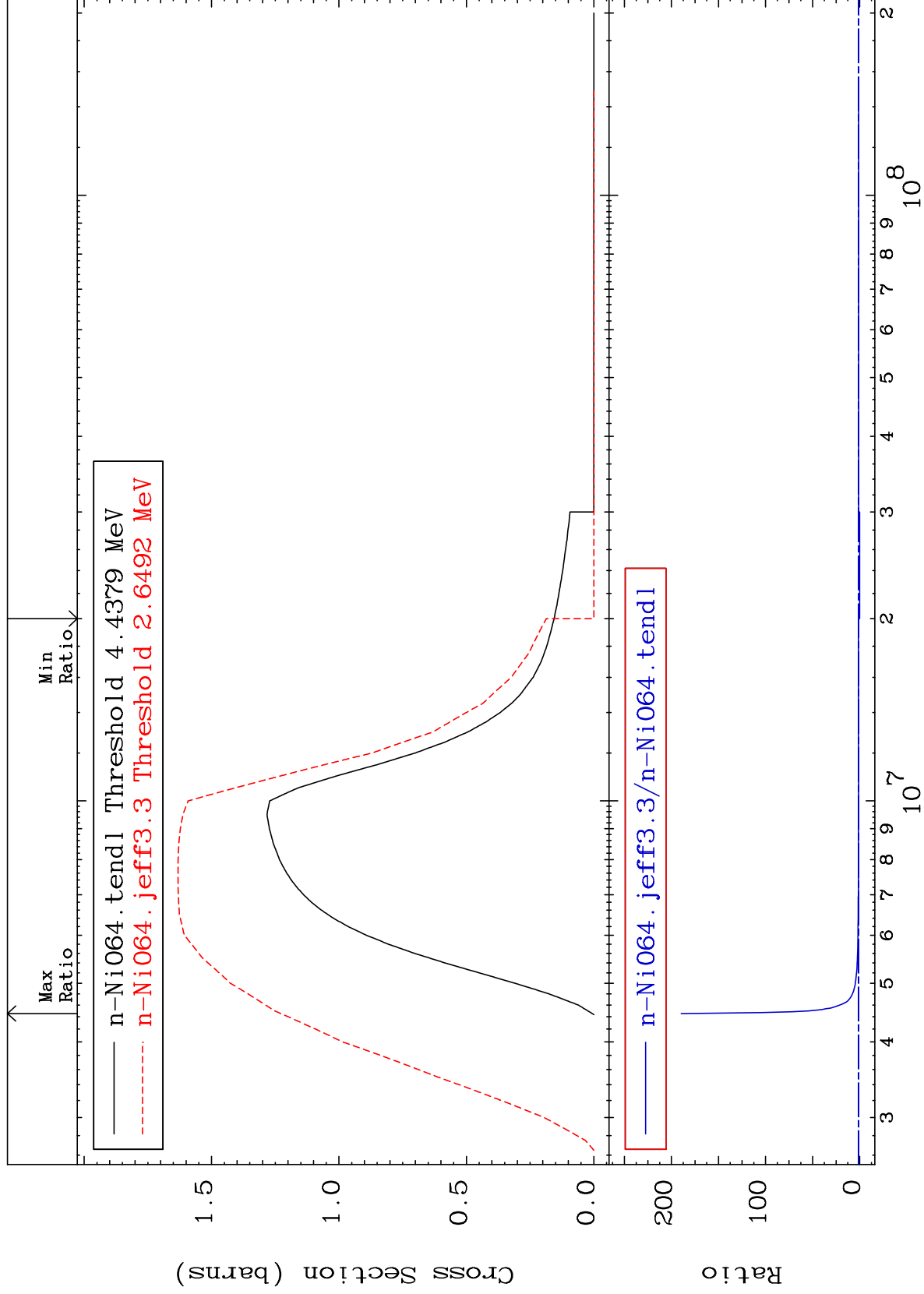
28-Ni-64
-100.0 To 0.000 %



MAT 2843

(n, n') Continuum
Cross Section

28-Ni-64
-100.0 To 9999. %



10

Incident Energy (eV)

28-Ni-64

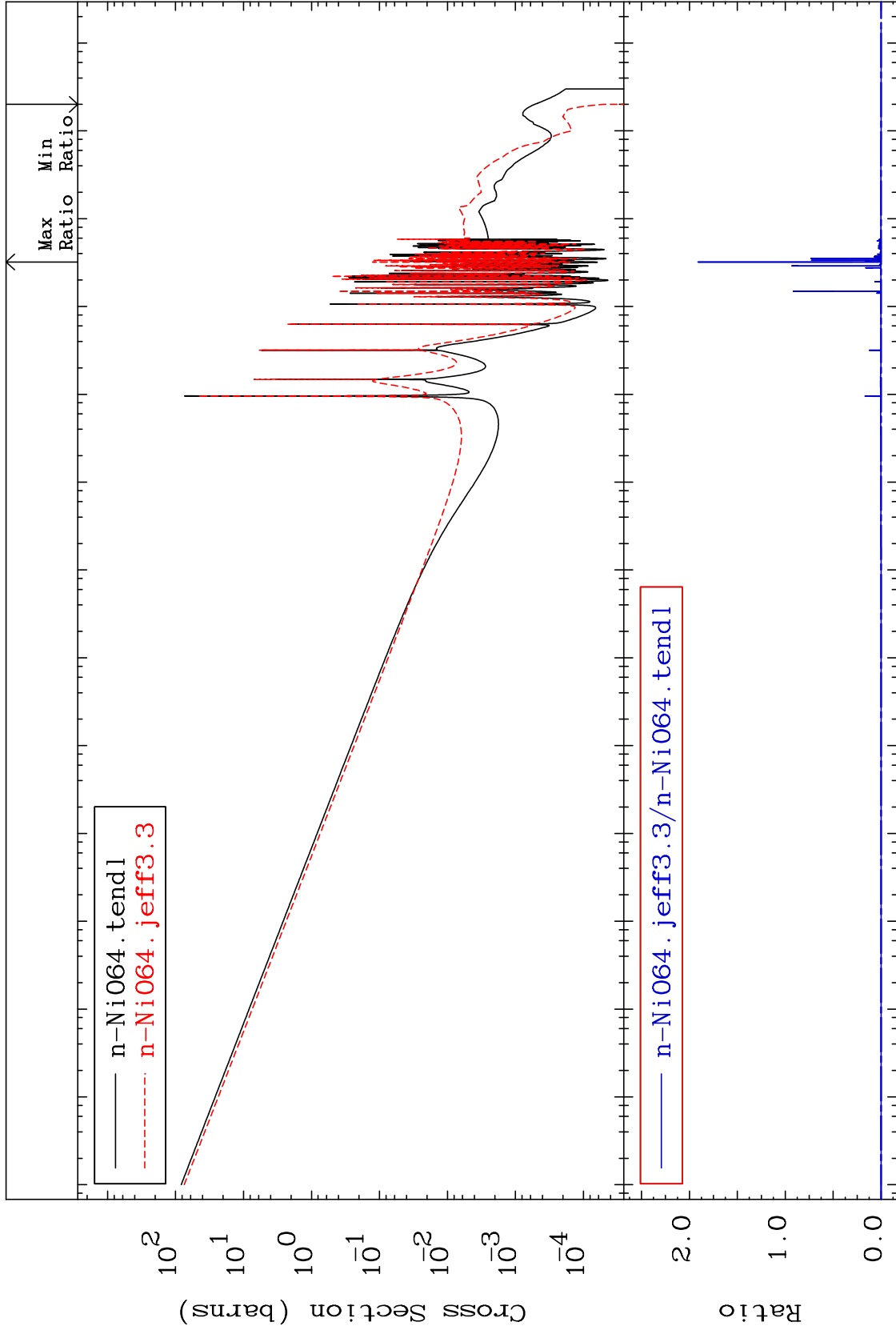
MAT 2843

(n, γ)

28-Ni-64

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

11

28-Ni-64

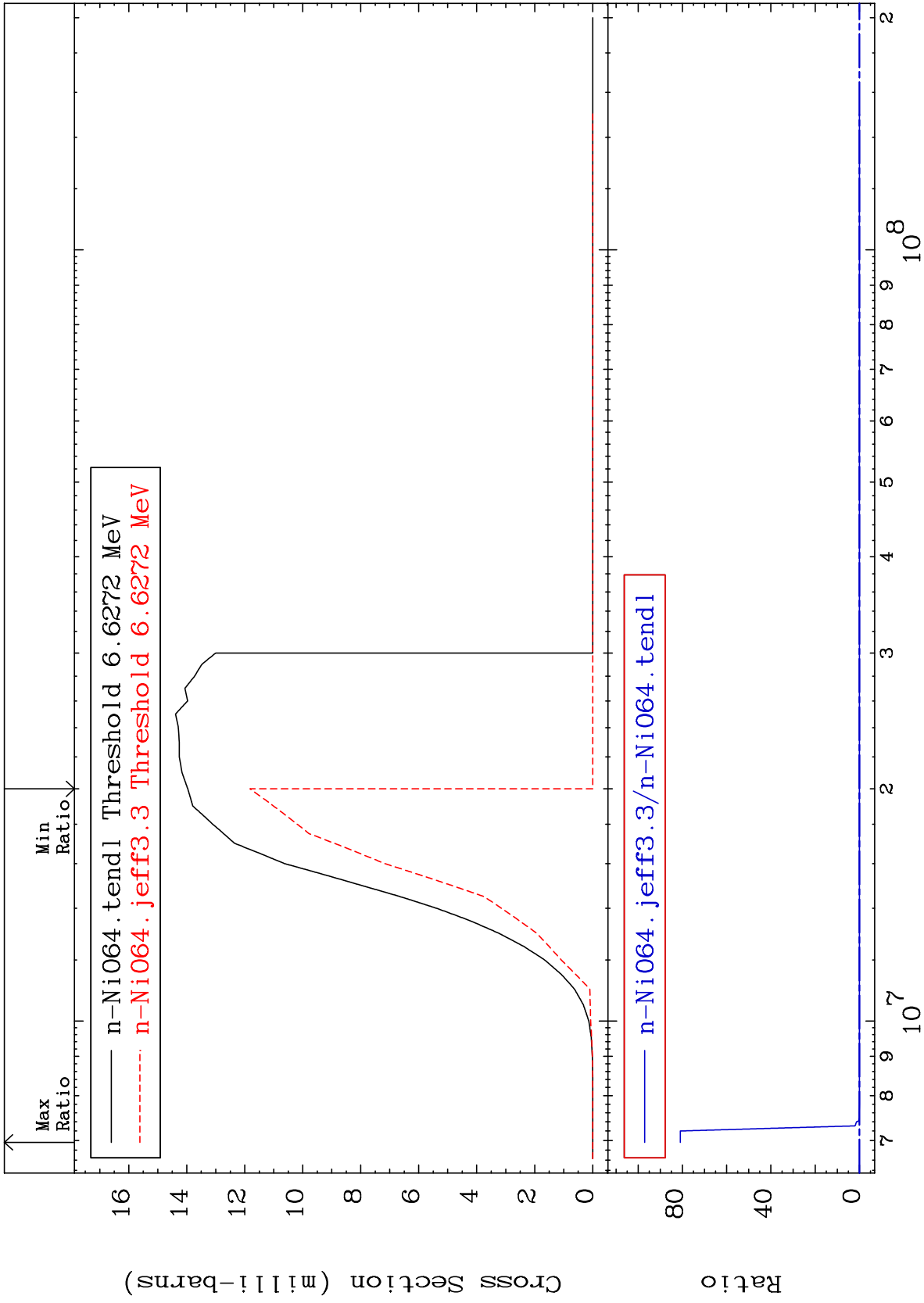
MAT 2843

(n,p)

28-Ni-64

Cross Section

-100.0 To 9999. %



12

Incident Energy (eV)

28-Ni-64

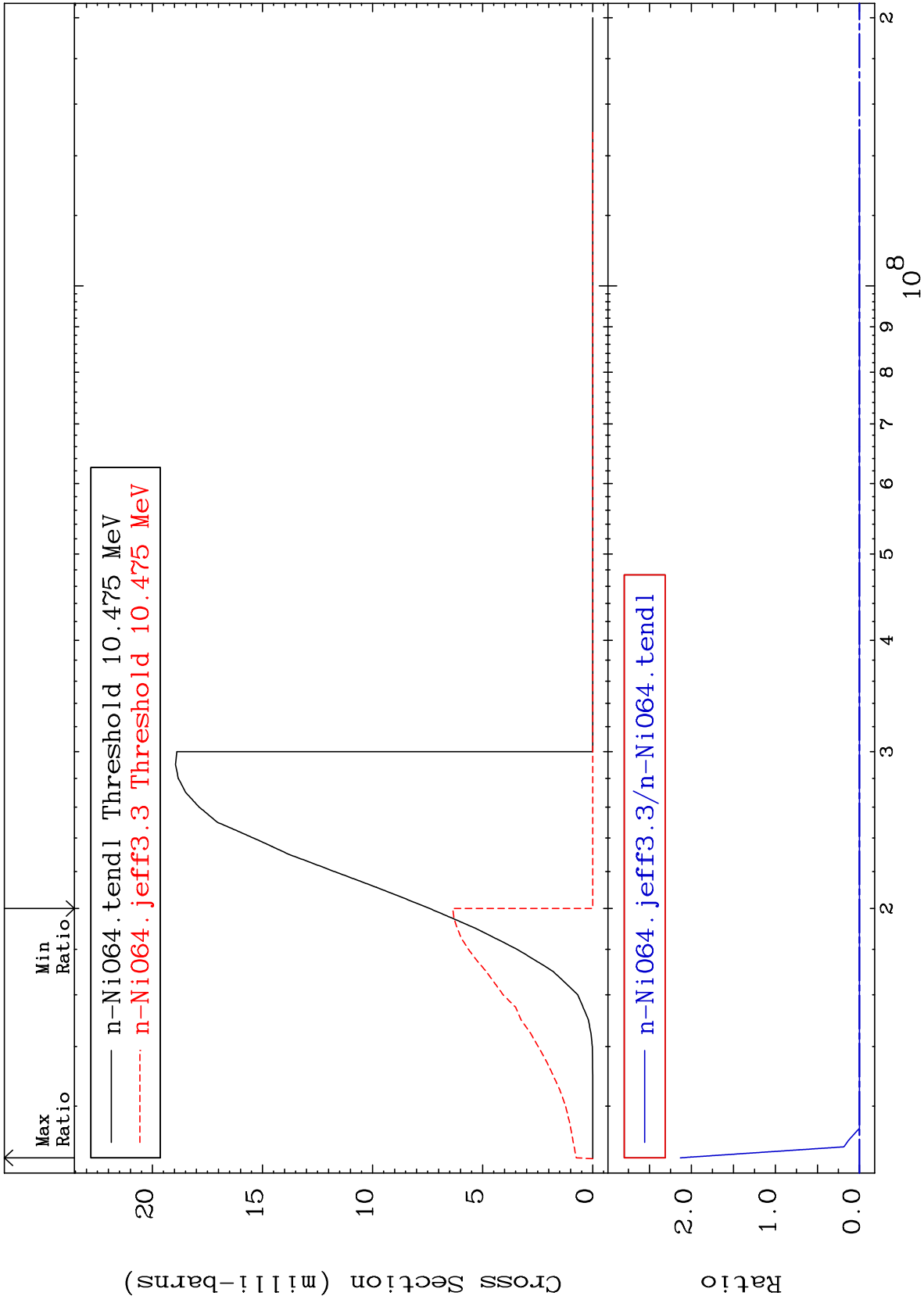
MAT 2843

(n, d)

28-Ni-64

Cross Section

-100.0 To 9999. %



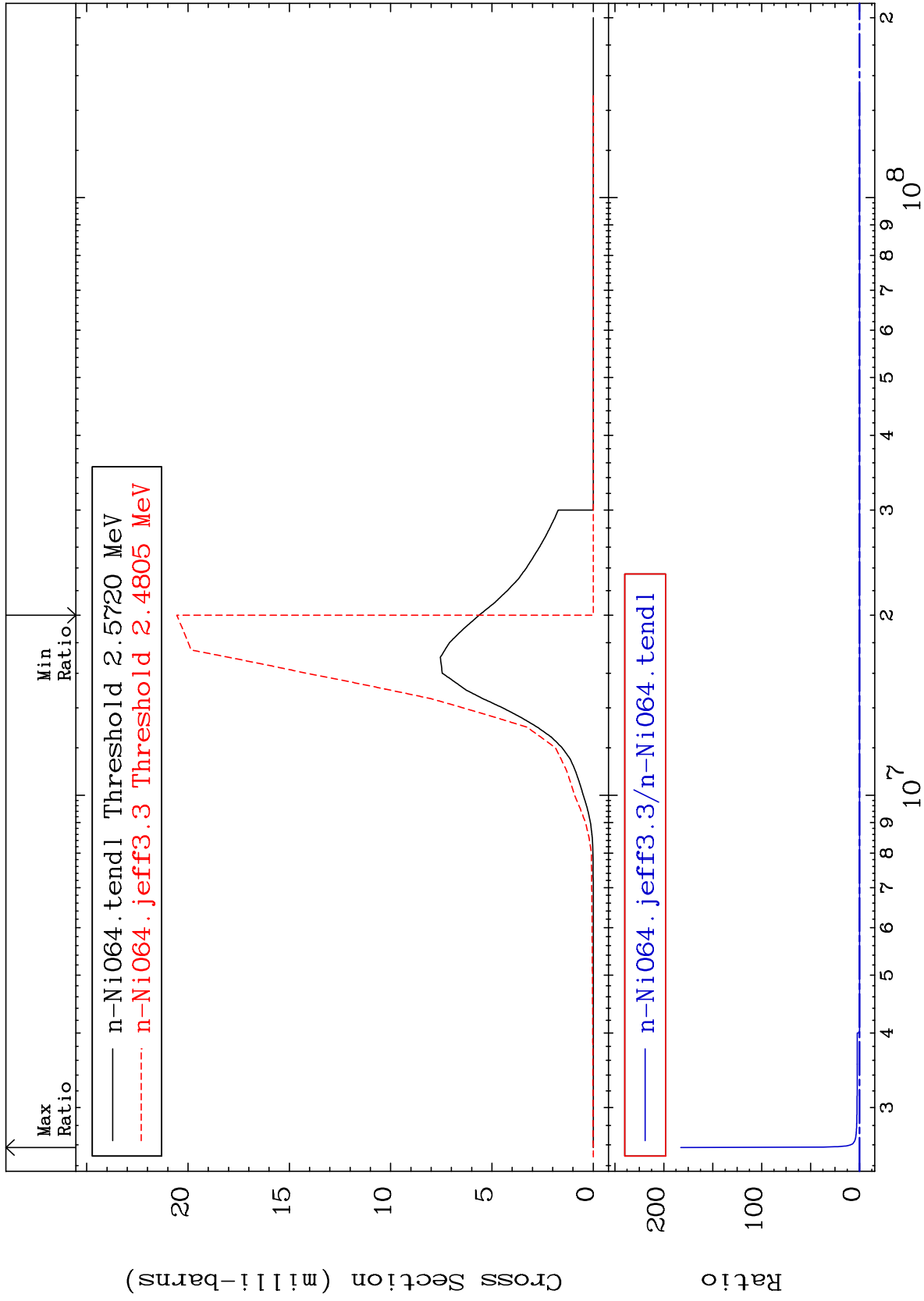
MAT 2843

(n, α)

28-Ni-64

Cross Section

-100.0 To 9999. %



14

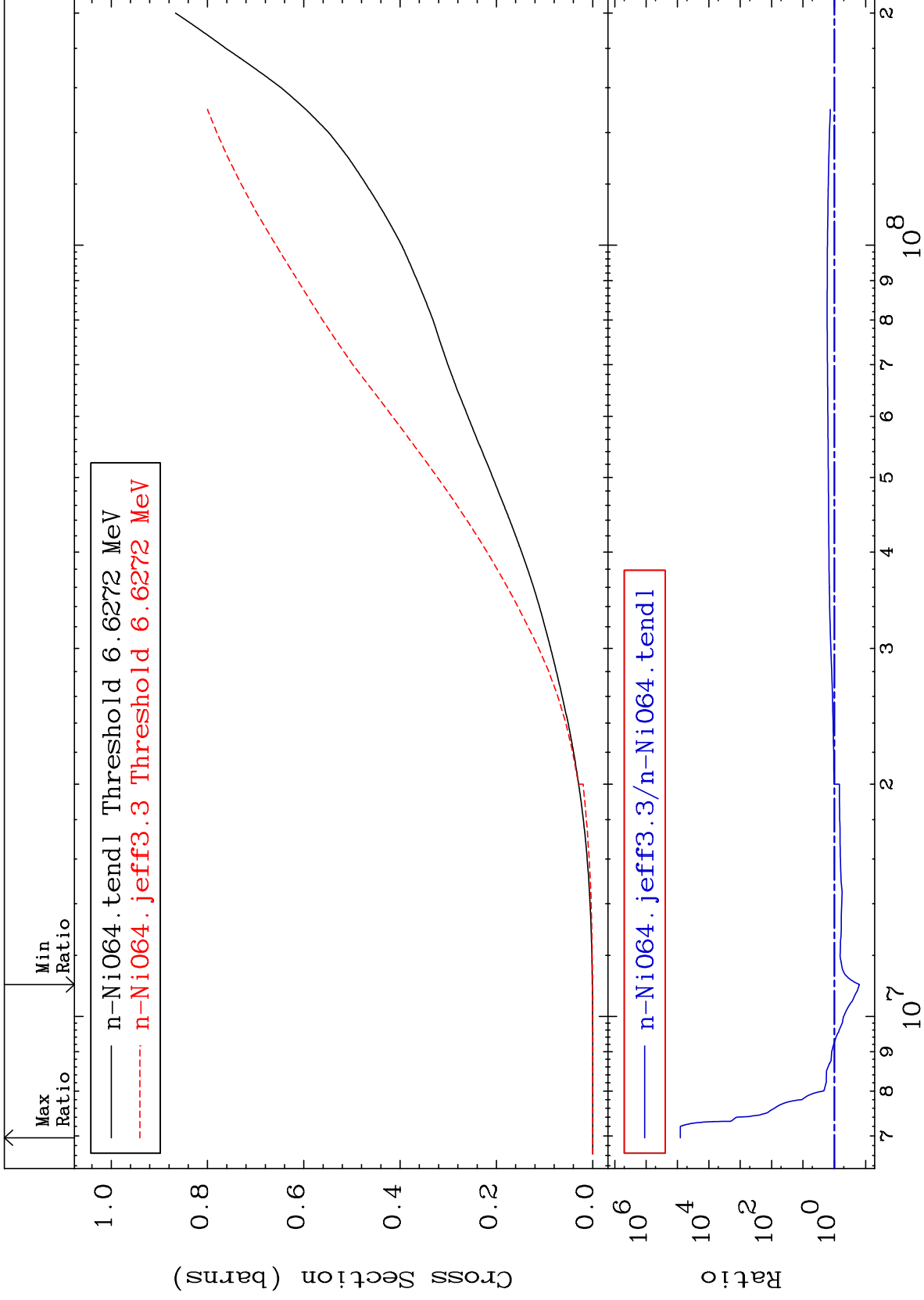
Incident Energy (eV)

28-Ni-64

MAT 2843

Hydrogen Production
Cross Section

²⁸Ni-64
-84.18 To 9999. %



15

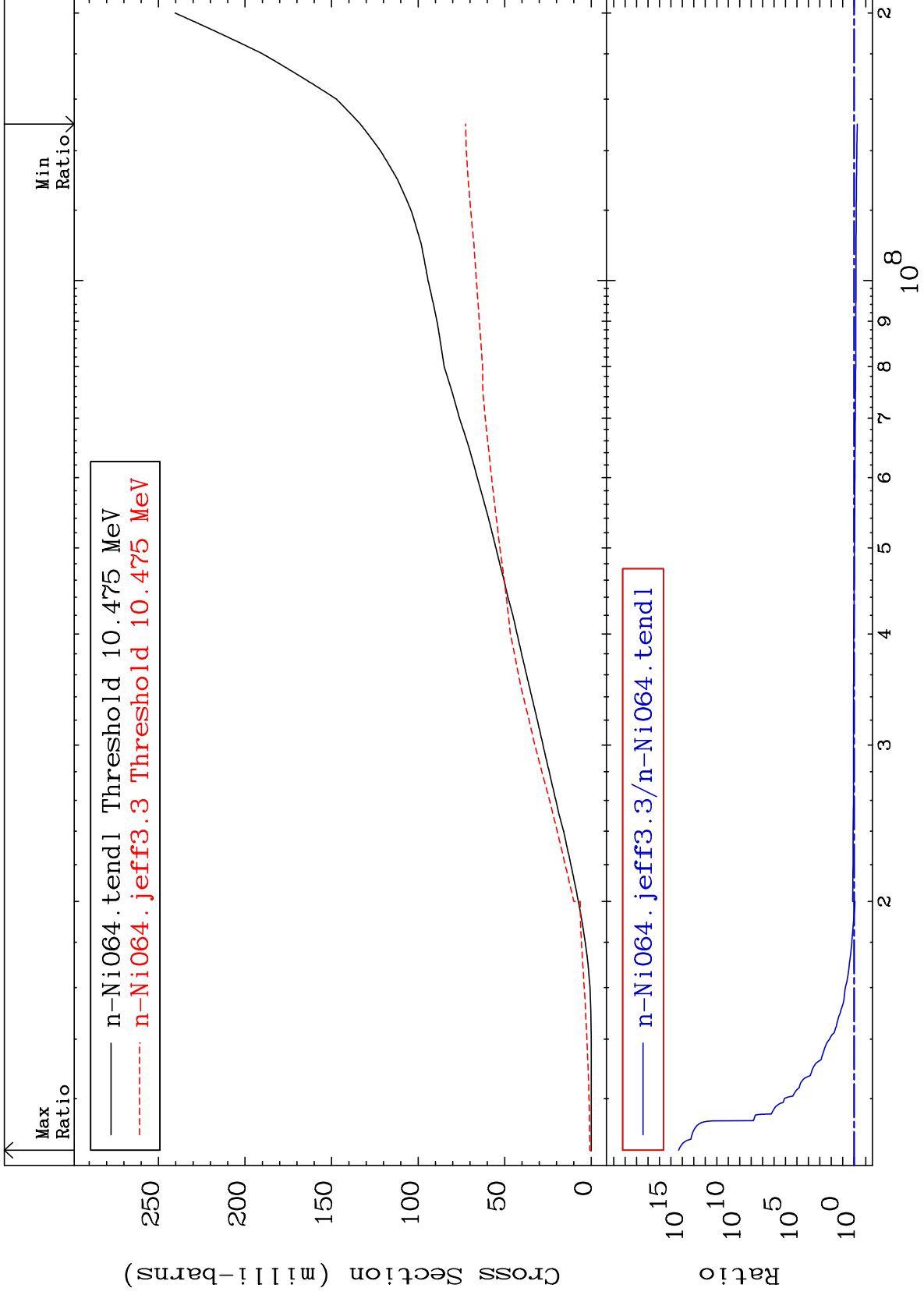
Incident Energy (eV)

²⁸Ni-64

MAT 2843

Deuterium Production
Cross Section

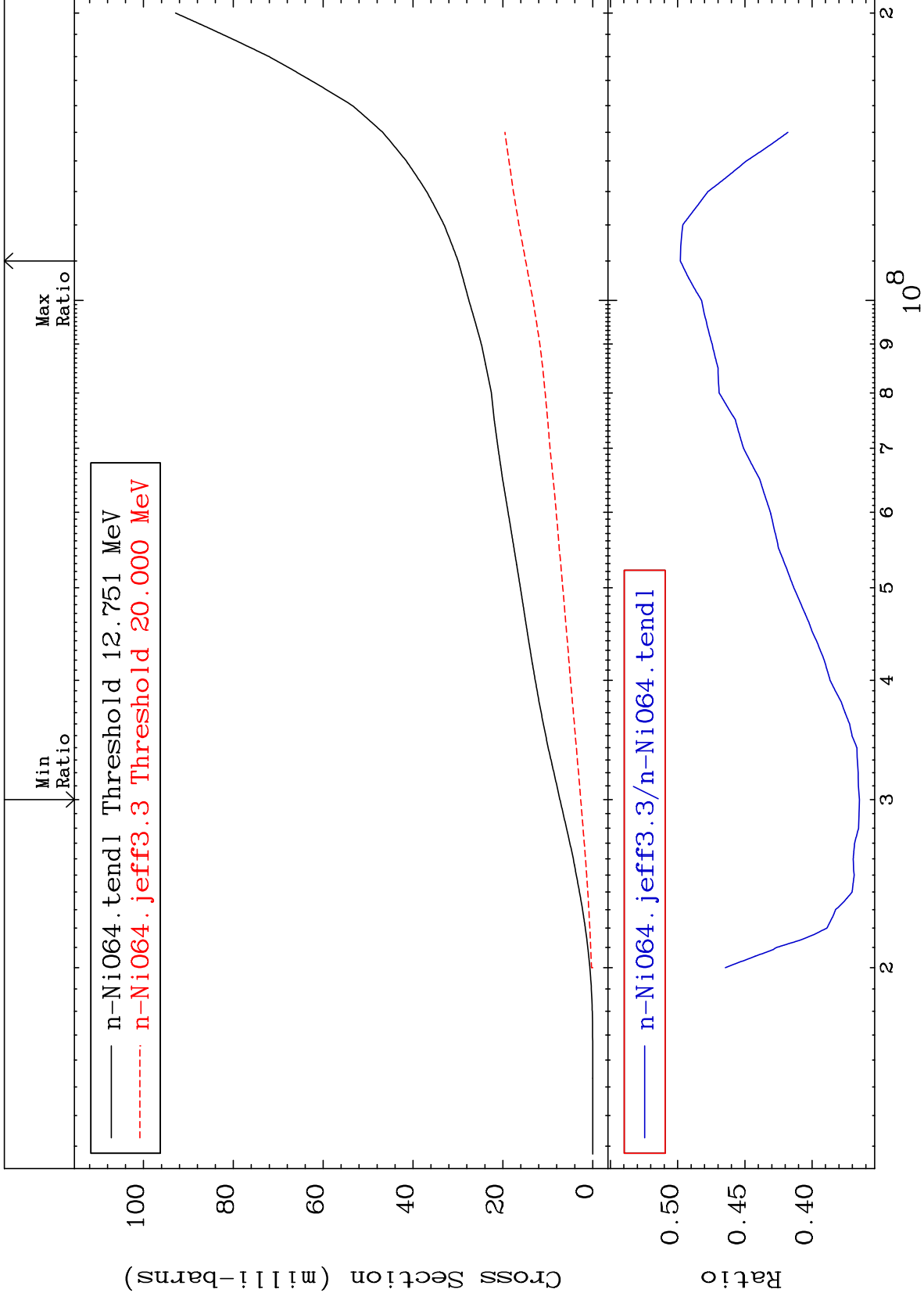
28-Ni-64
-45.60 To 9999. %



MAT 2843

Tritium Production
Cross Section

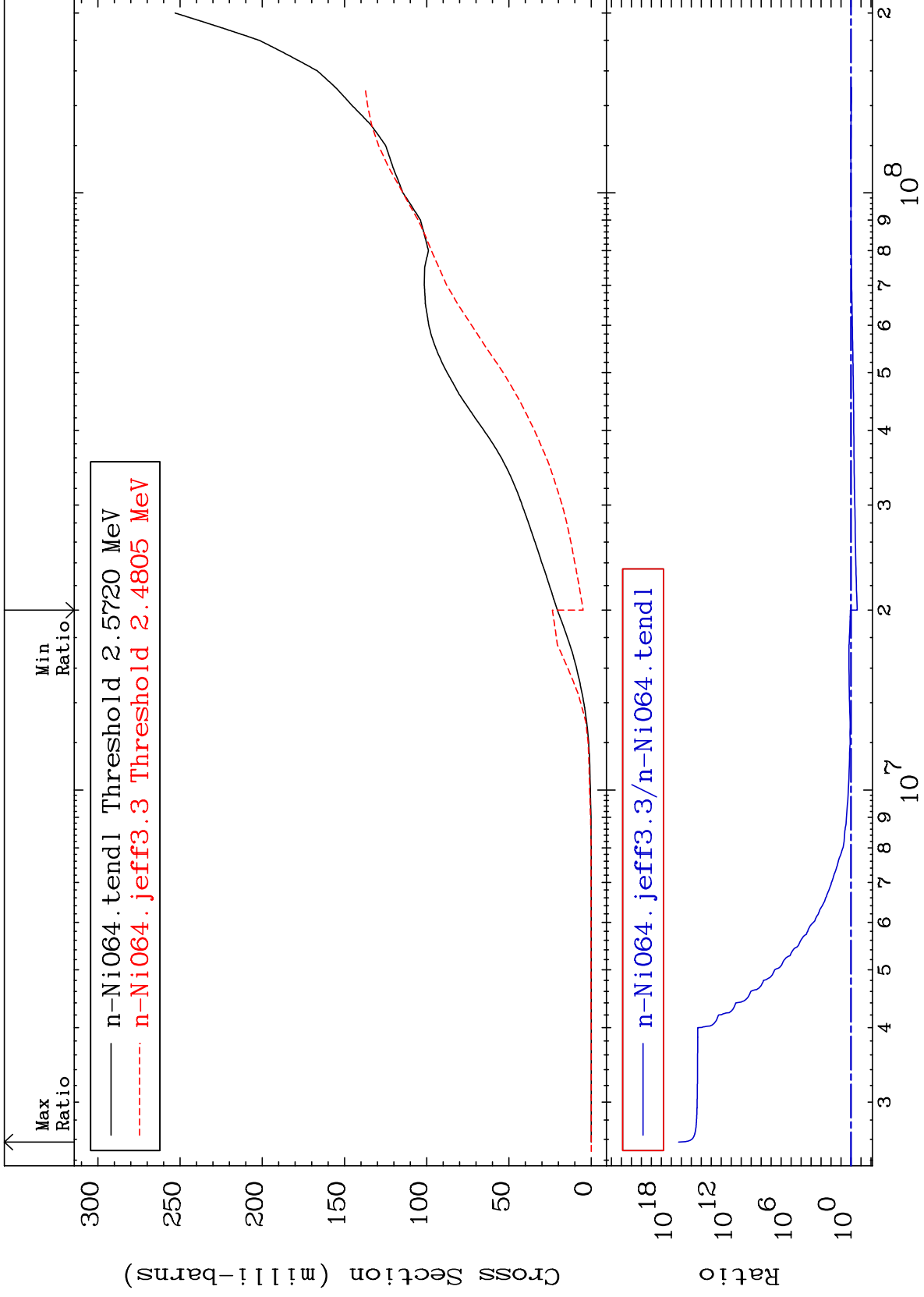
28-Ni-64
-63.52 To -50.20%



MAT 2843

He-4 Production
Cross Section

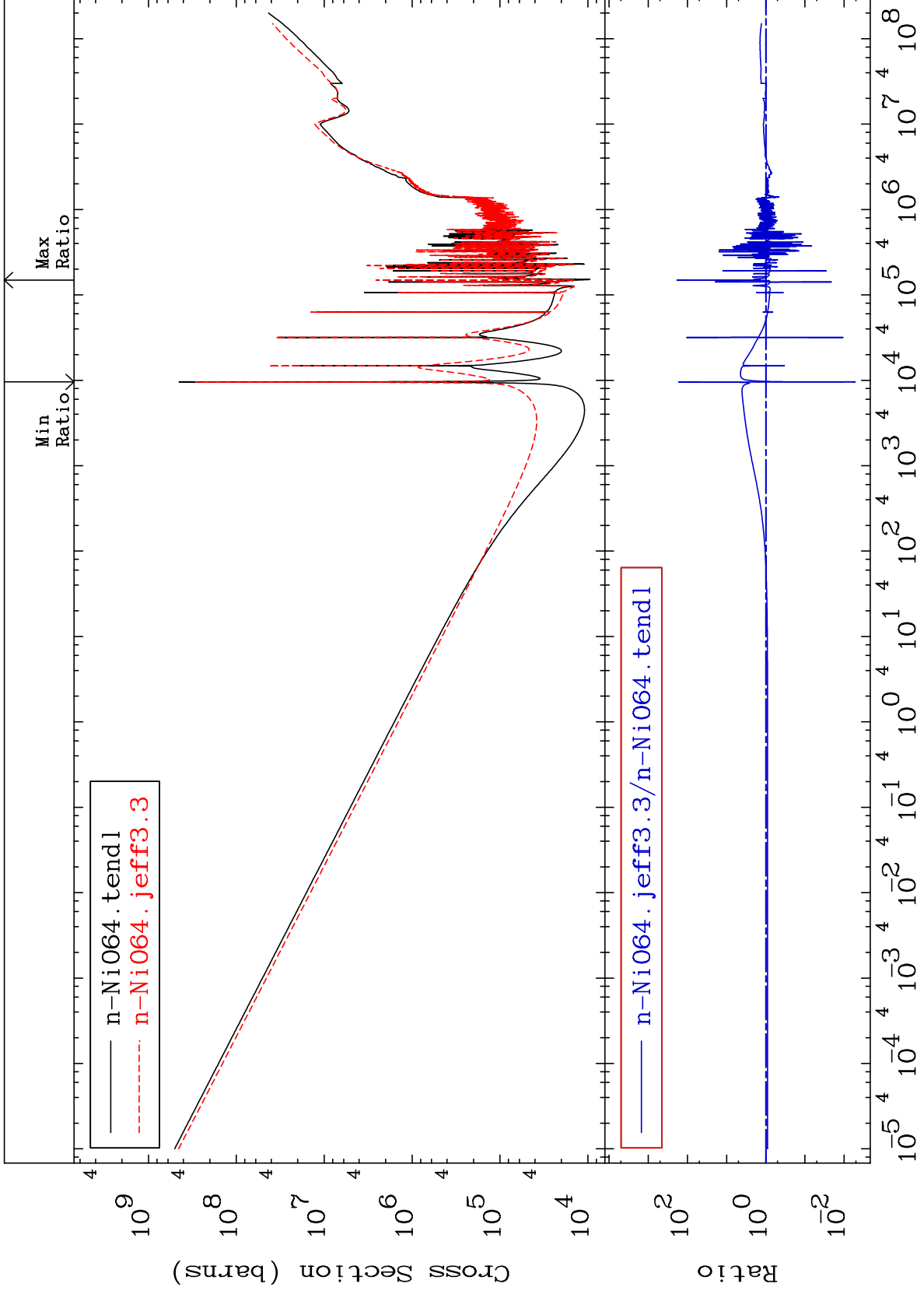
28-Ni-64
-76.29 To 9999. %



MAT 2843

Kerma total (eV-barns)
Cross Section

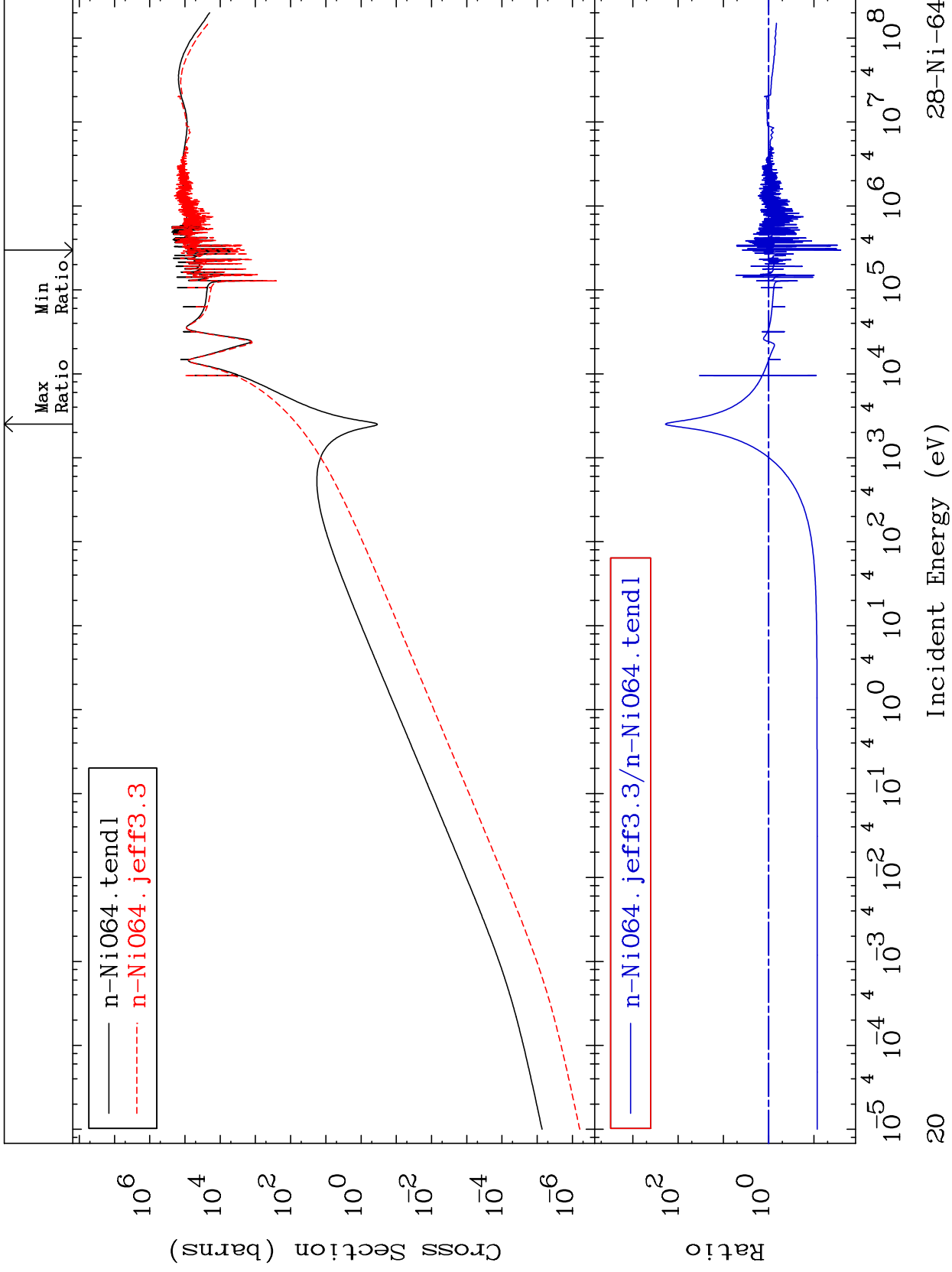
28-Ni-64
-99.47 To 9999. %



MAT 2843

Kerma elastic
Cross Section

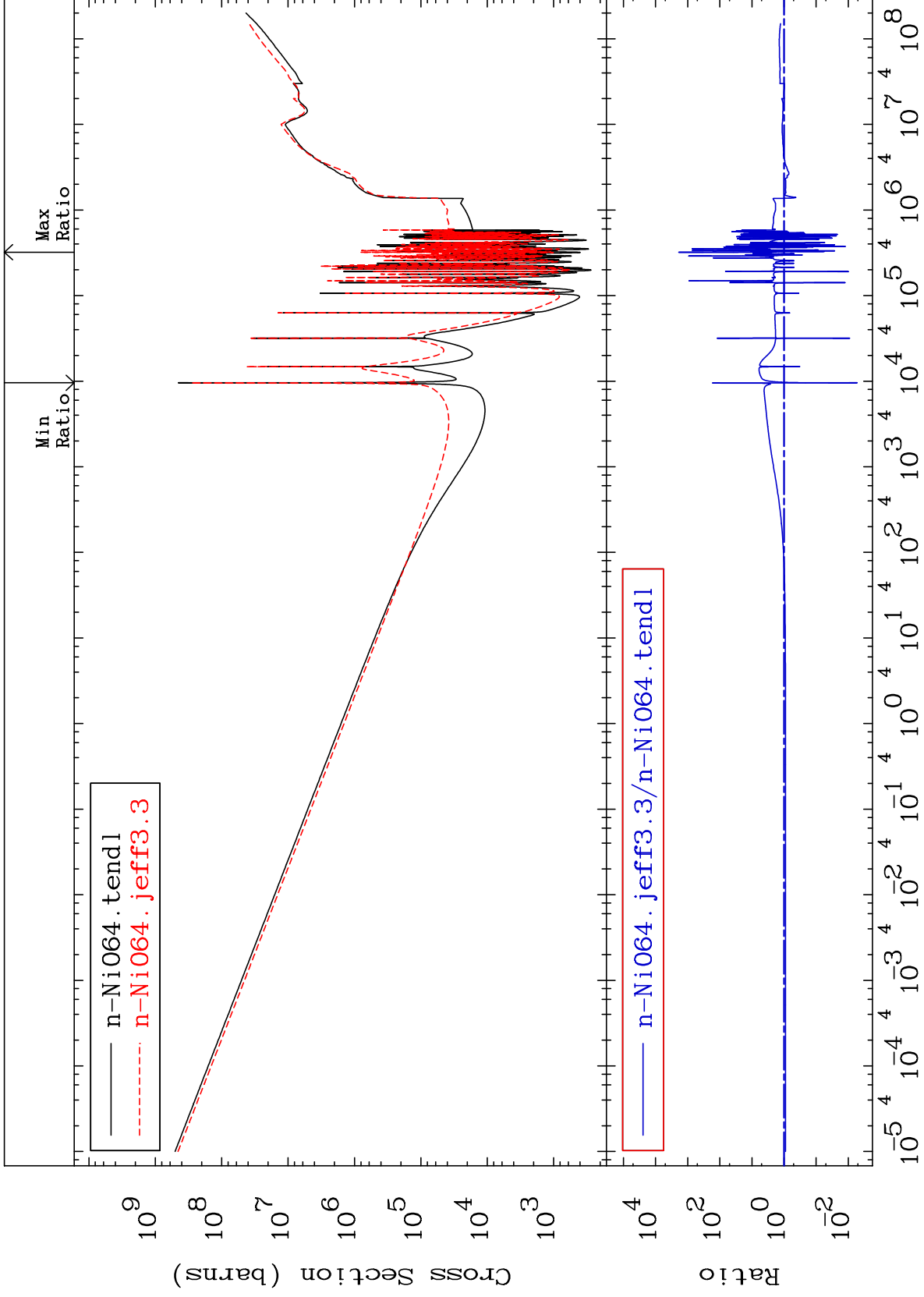
28-Ni-64
-97.43 To 9999. %

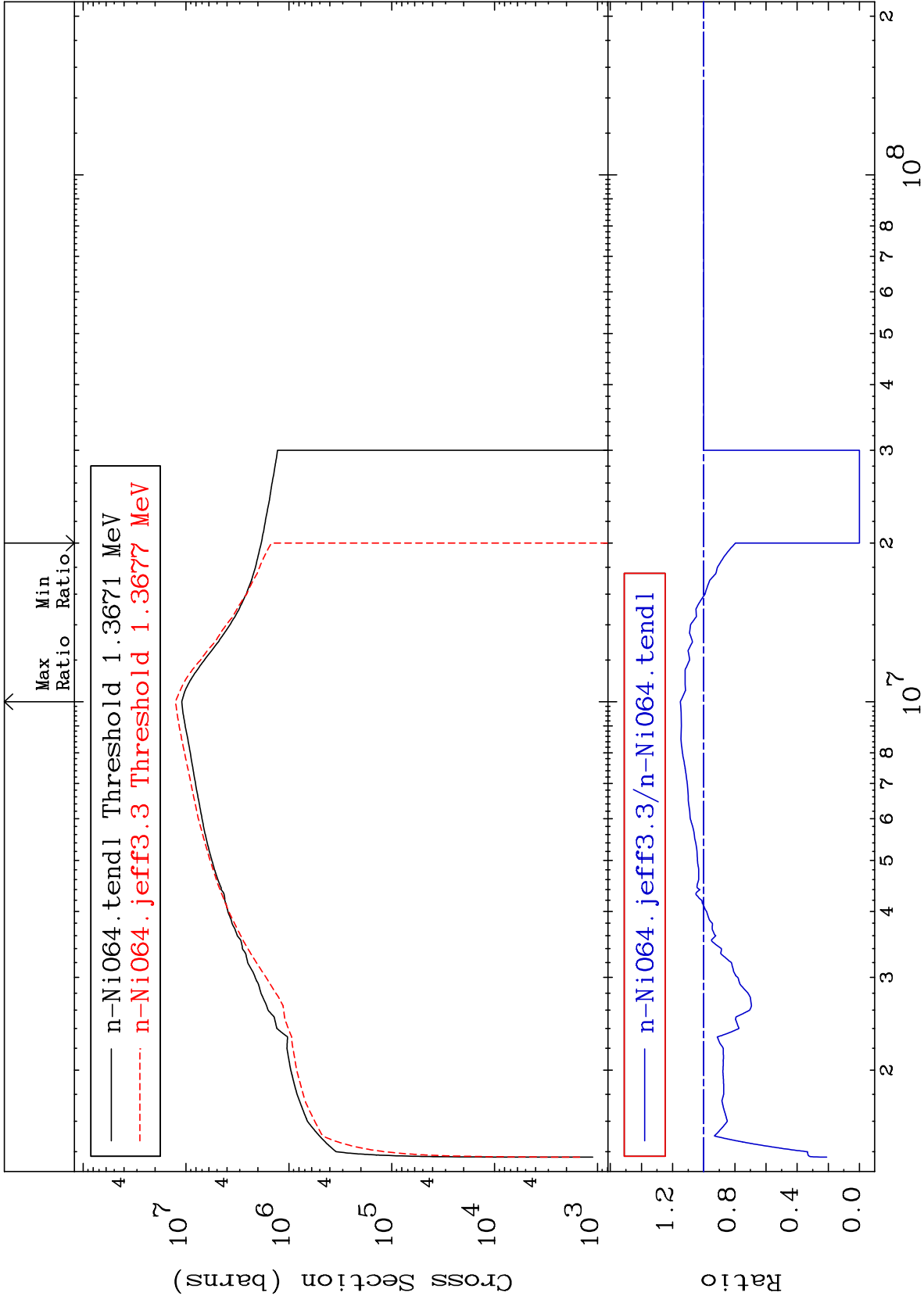


MAT 2843

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-64
-99.47 To 9999. %

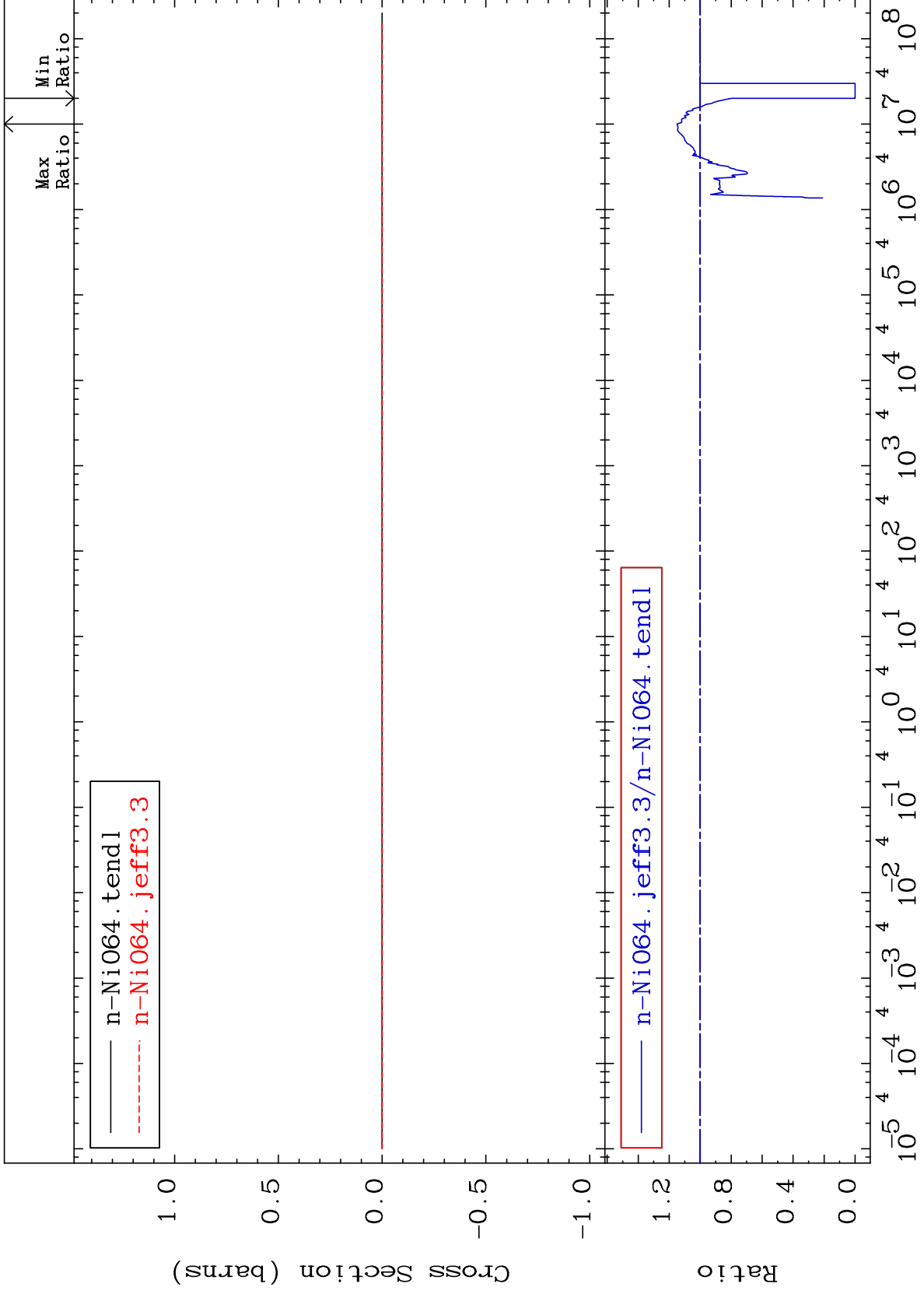




MAT 2843

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

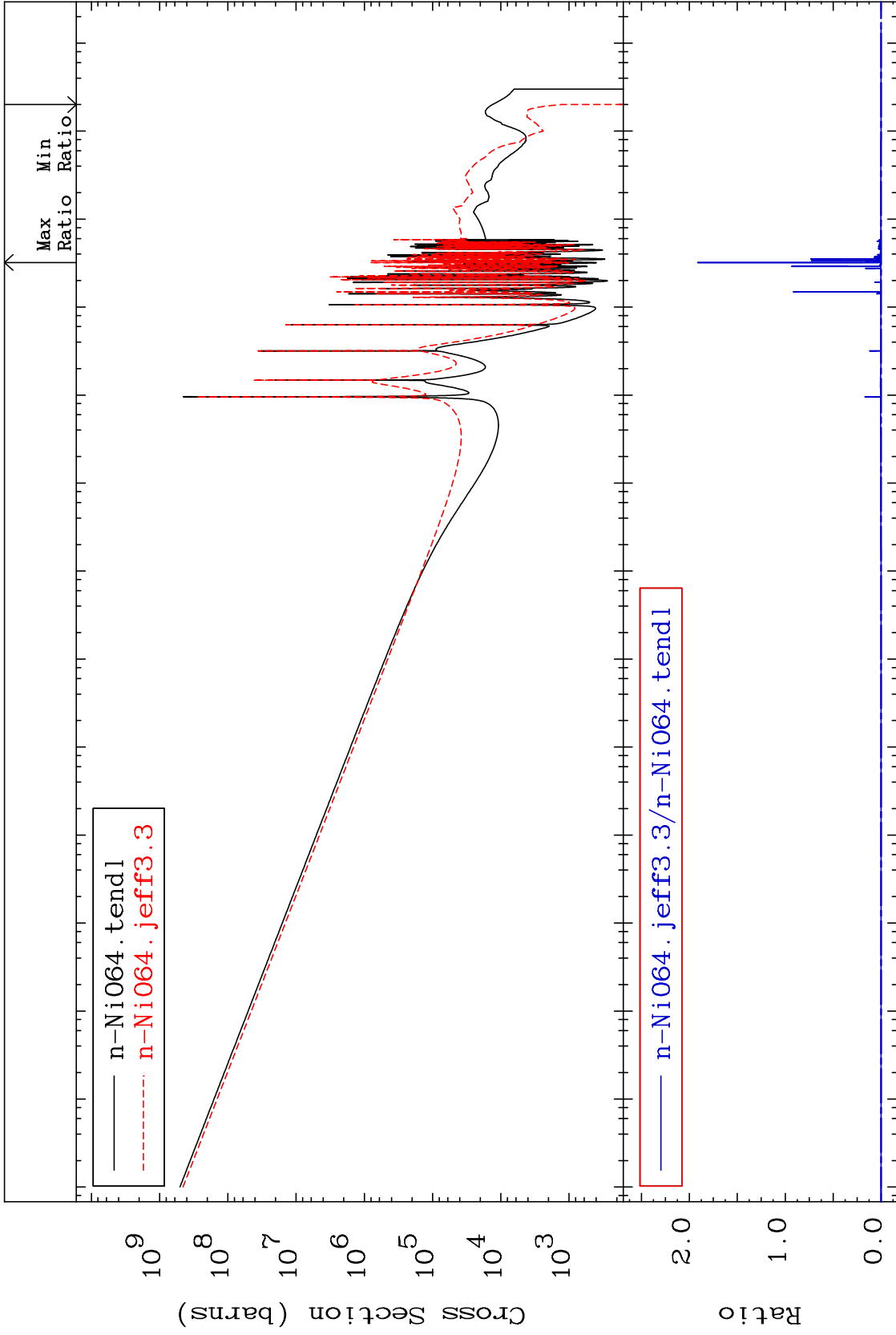
28-Ni-64
-100.0 To 15.01 %



MAT 2843

Kerma capture (mt102)
Cross Section

28-Ni-64
-100.0 To 9999. %



24

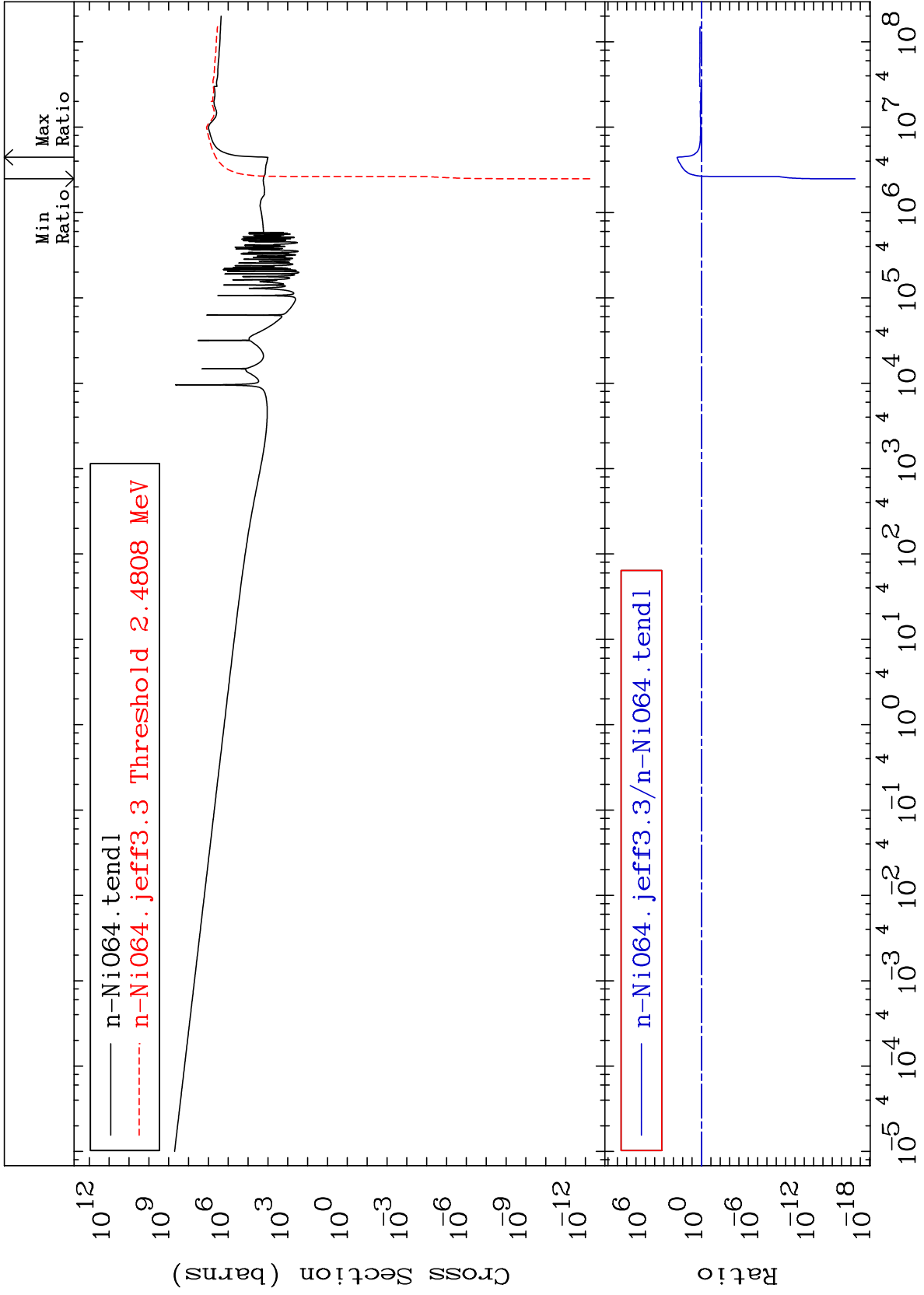
Incident Energy (eV)

28-Ni-64

MAT 2843

Total photon (eV-barns)
Cross Section

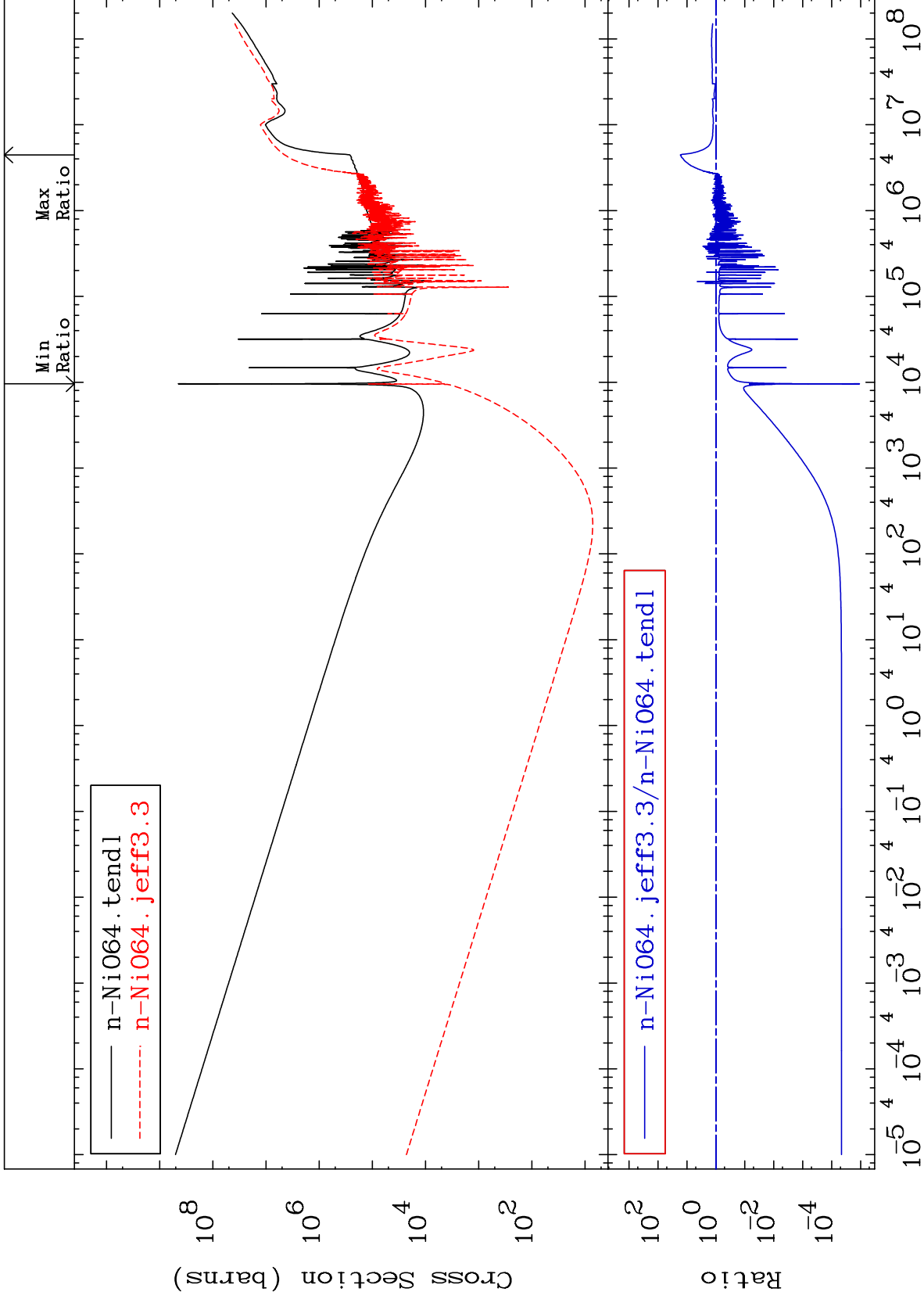
28-Ni-64
-100.0 To 9999. %



25

Incident Energy (eV)

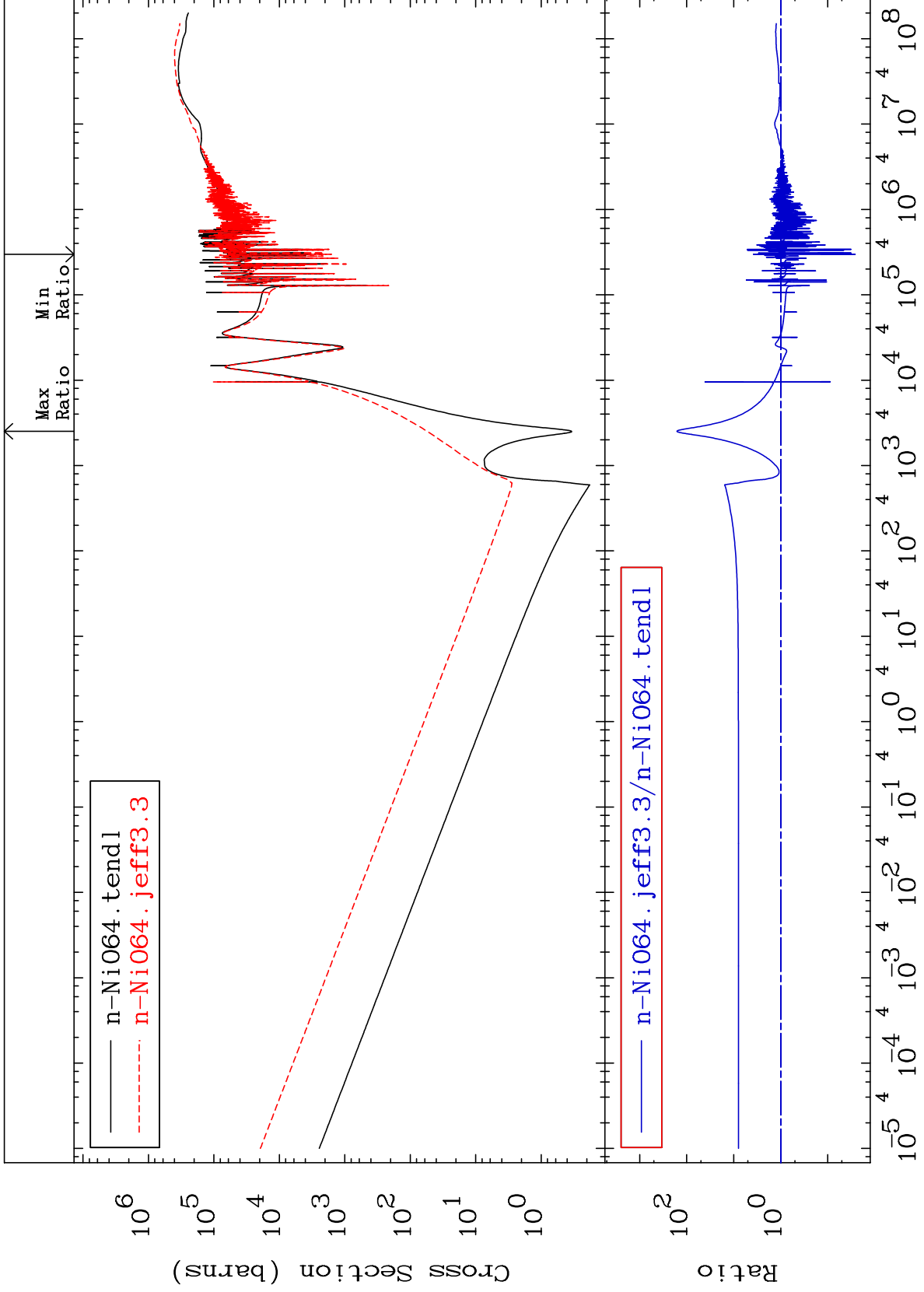
28-Ni-64



MAT 2843

Dpa total (eV-barns)
Cross Section

28-Ni-64
-97.38 To 9999. %



27

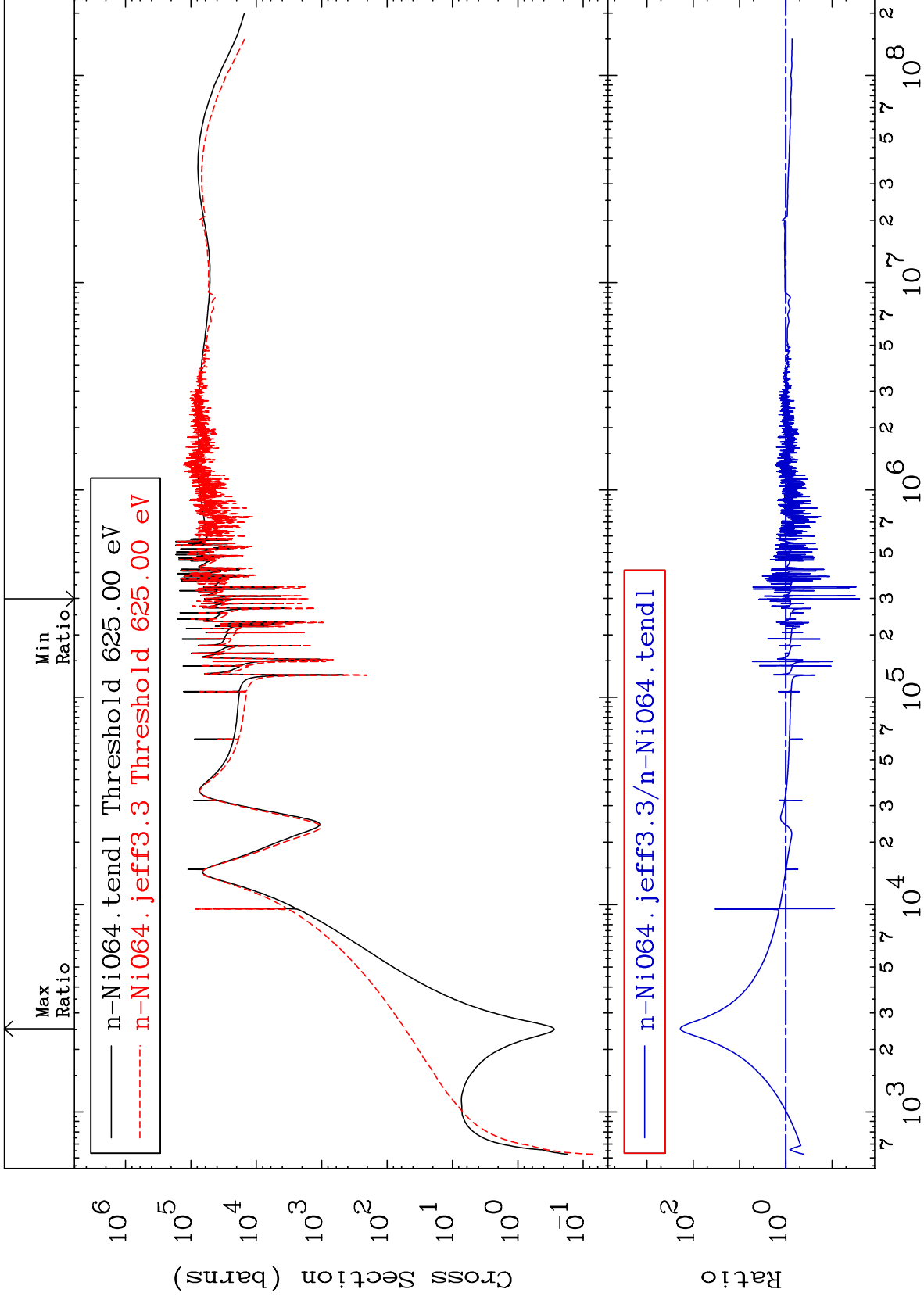
Incident Energy (eV)

28-Ni-64

MAT 2843

Dpa elastic (mt2)
Cross Section

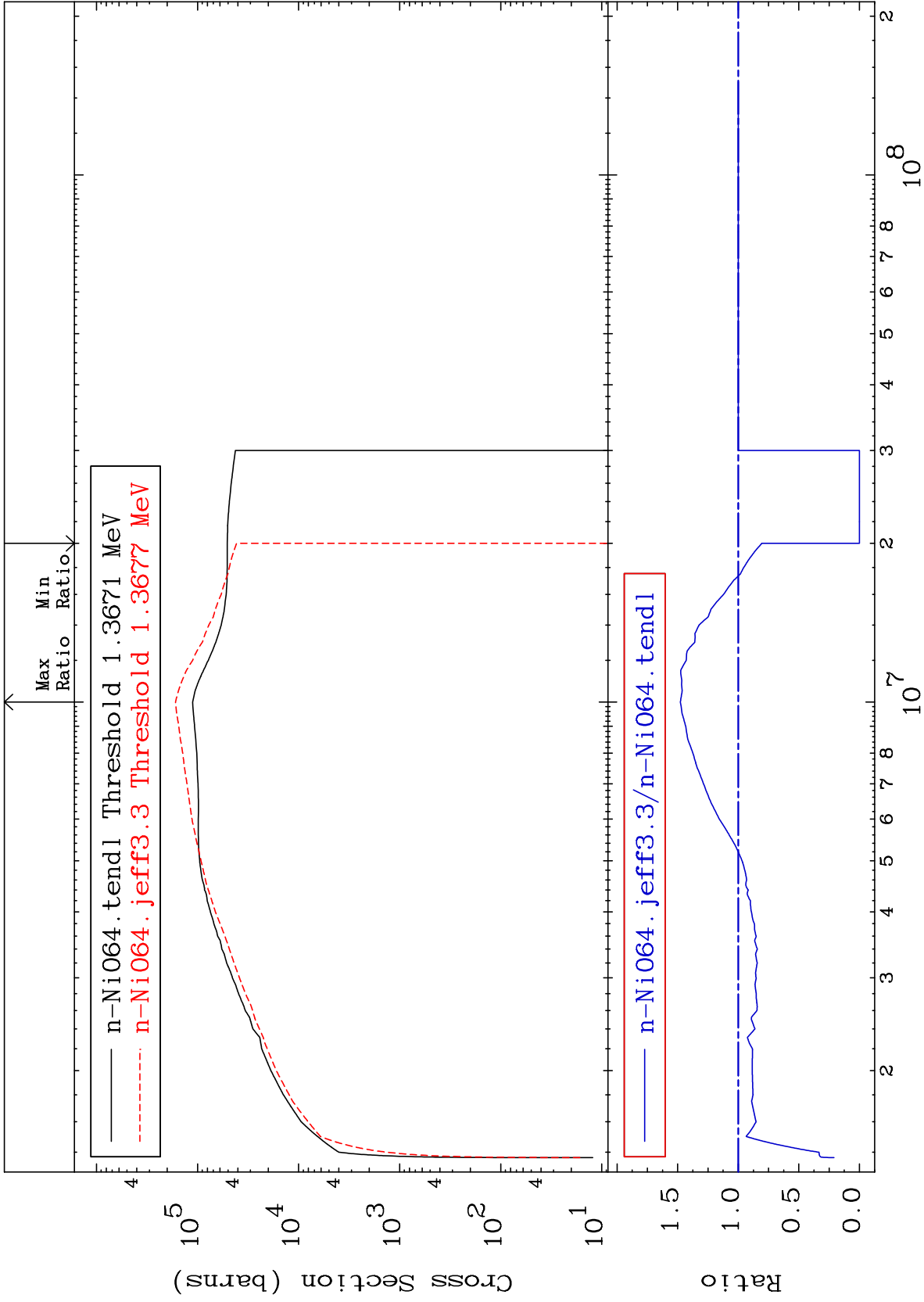
28-Ni-64
-97.43 To 9999. %



28

Incident Energy (eV)

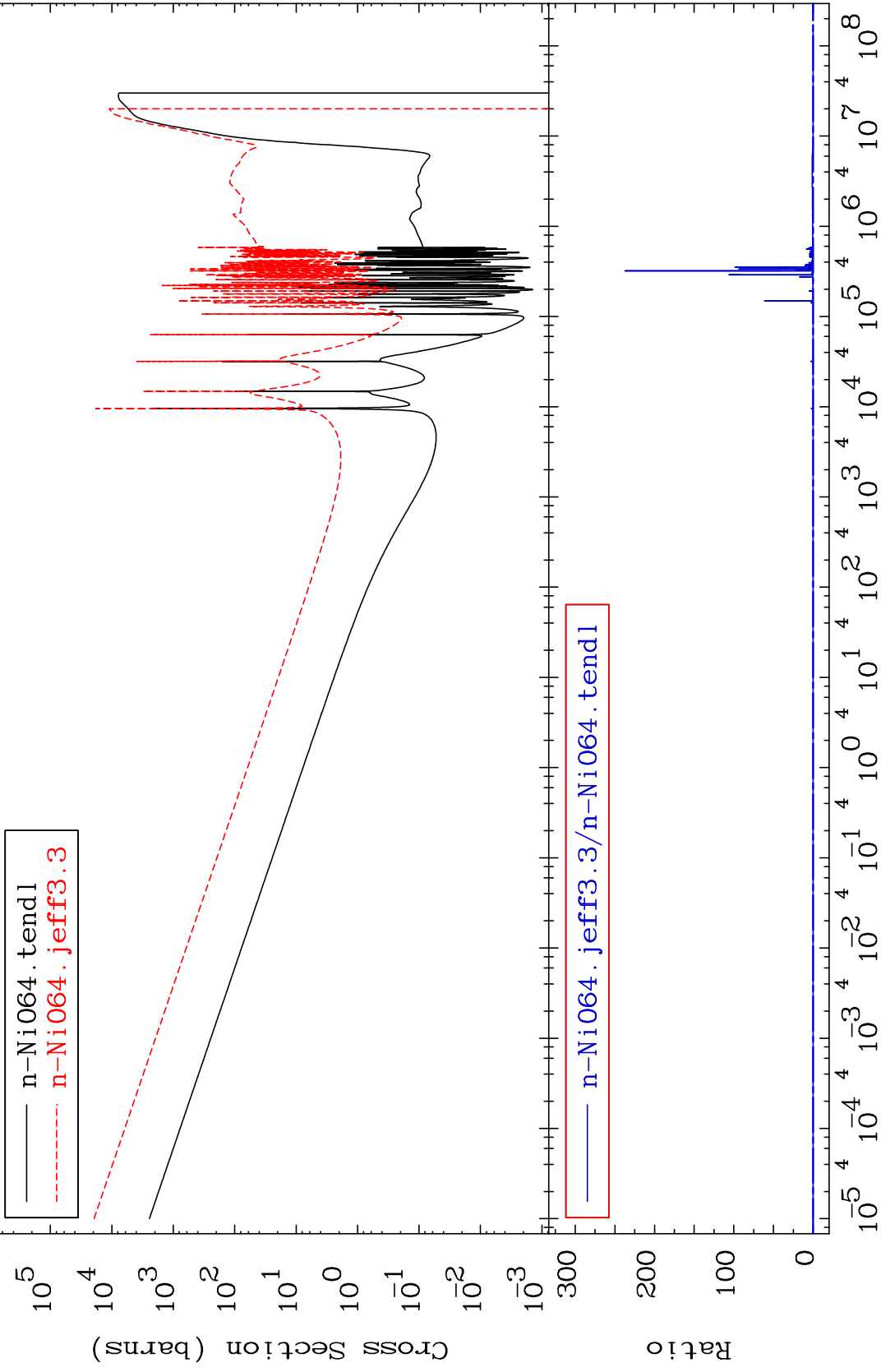
28-Ni-64



MAT 2843

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-64
-100.0 To 9999. %



30