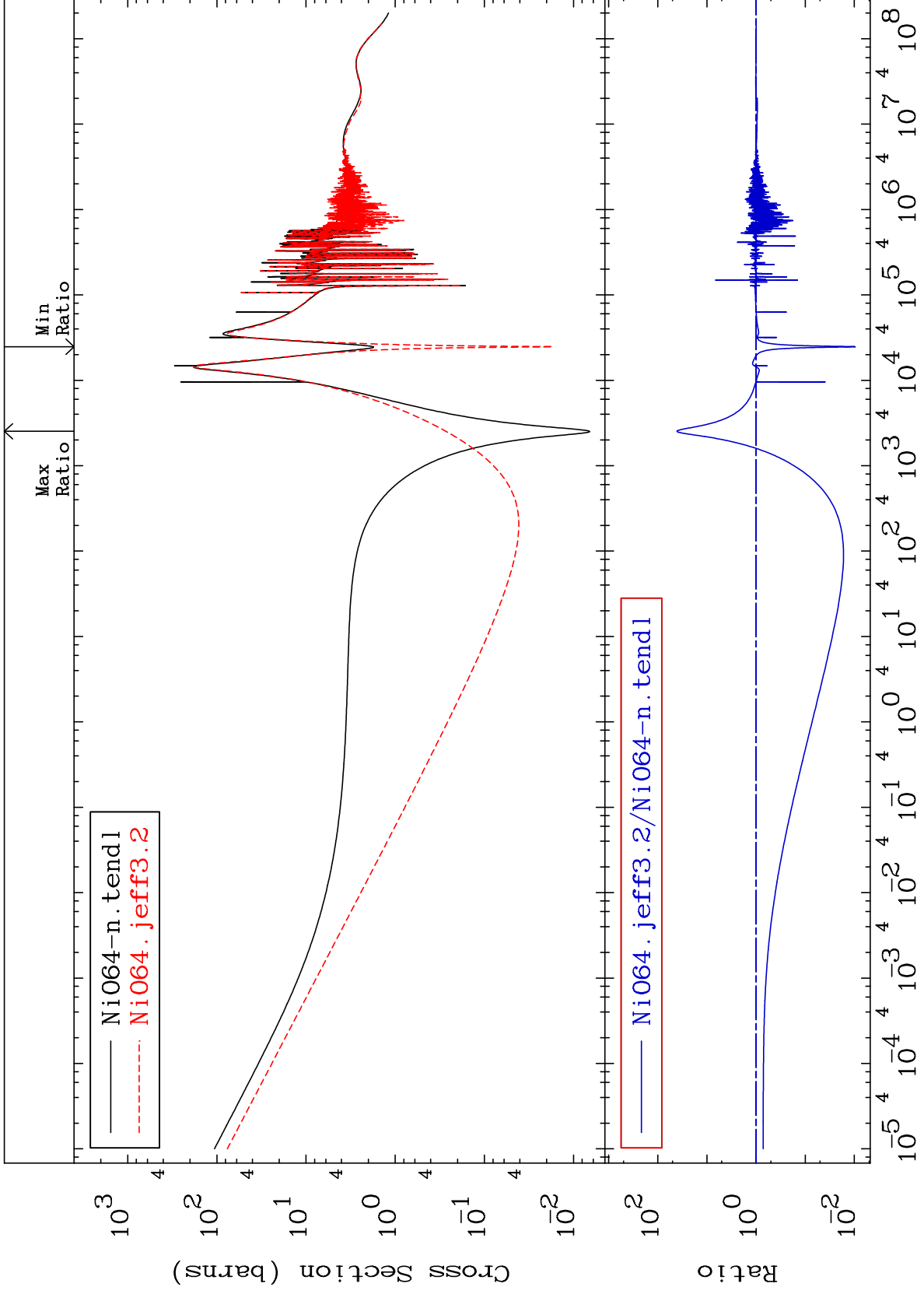


MAT 2843

Total
Cross Section

28-Ni-64
-99.04 To 3984. %



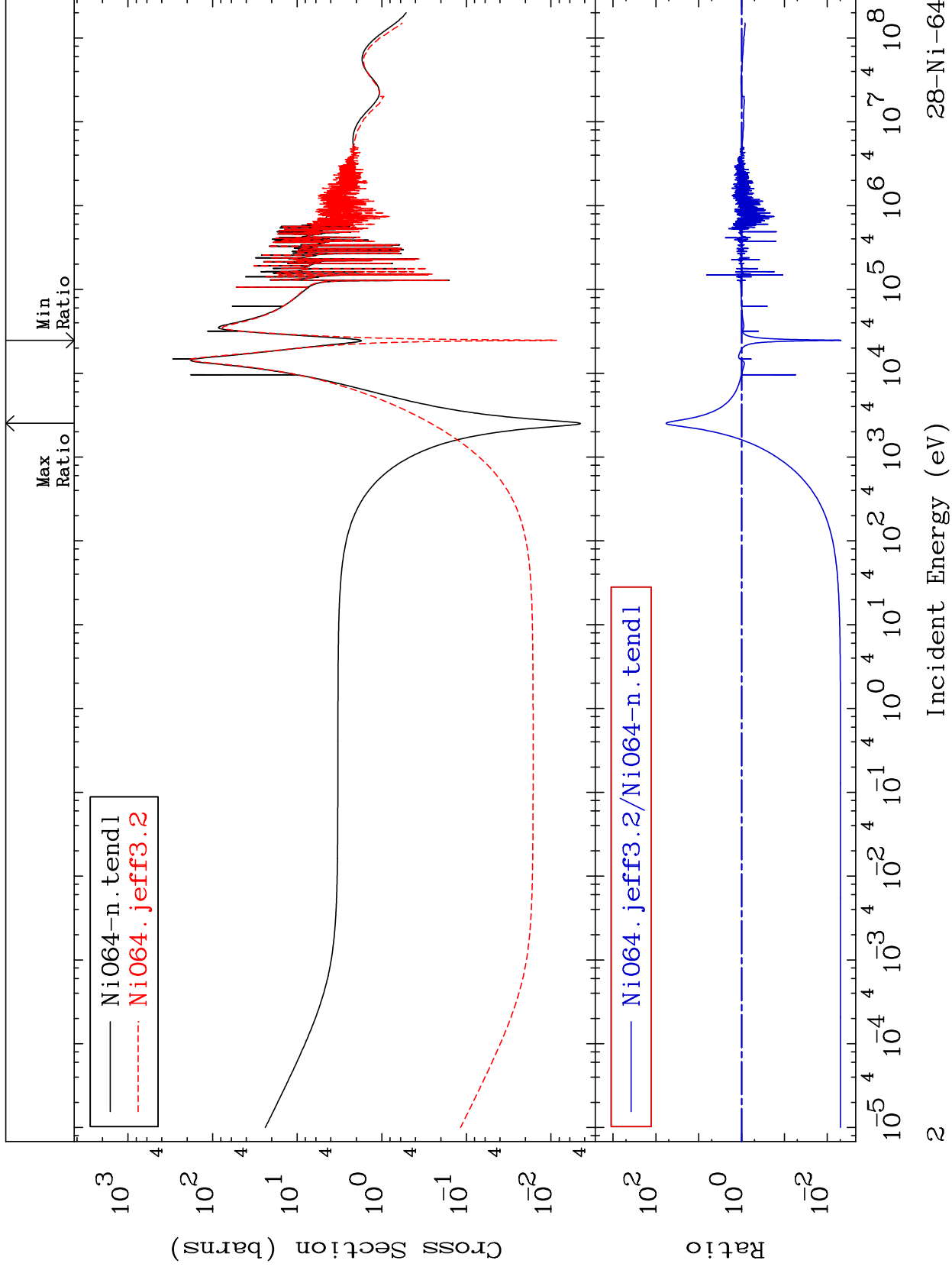
Incident Energy (eV)

28-Ni-64

MAT 2843

Elastic
Cross Section

28-Ni-64
-99.52 To 5718. %



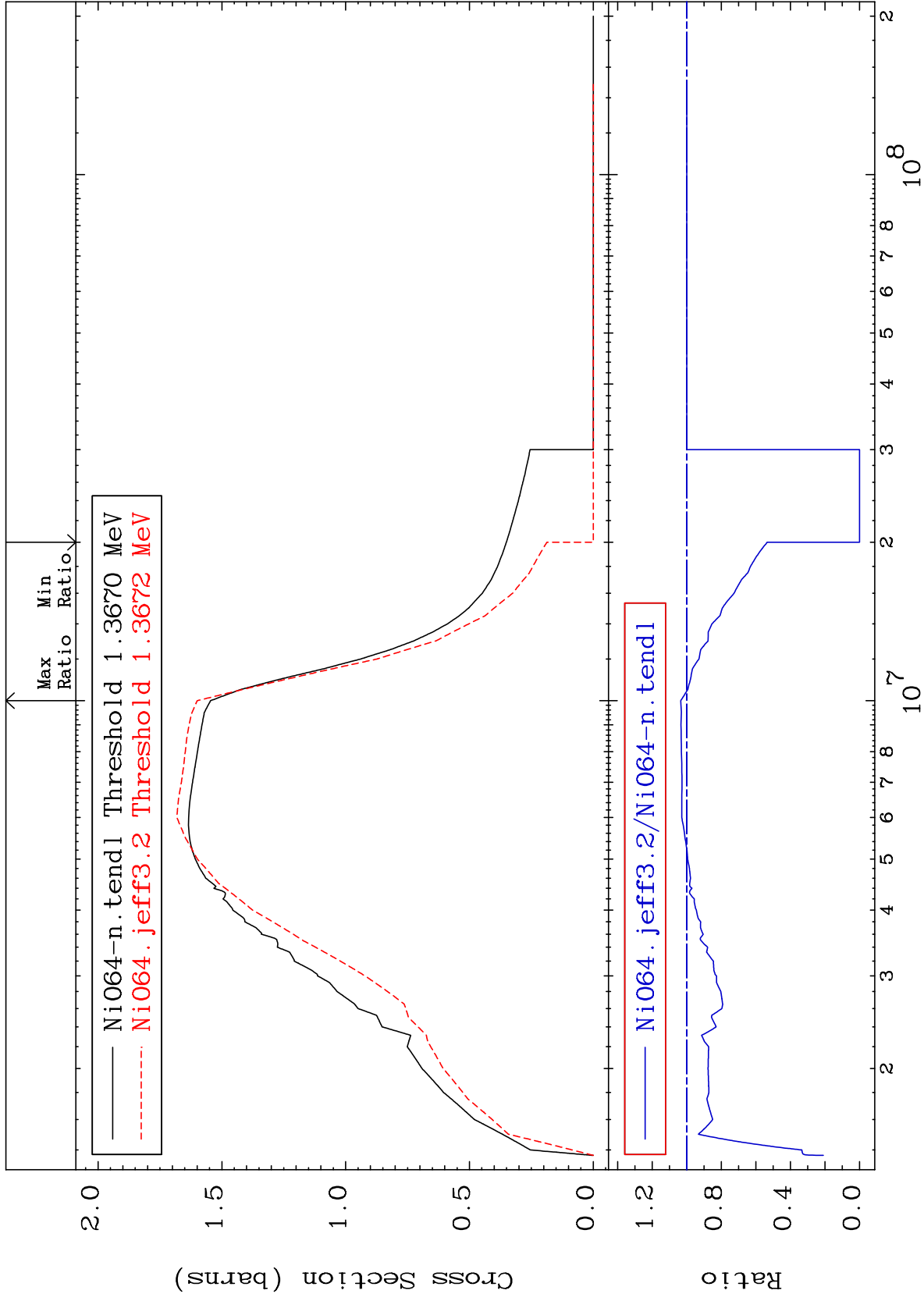
28-Ni-64

MAT 2843

²⁸Ni-64

-100.0 To 3.479 %

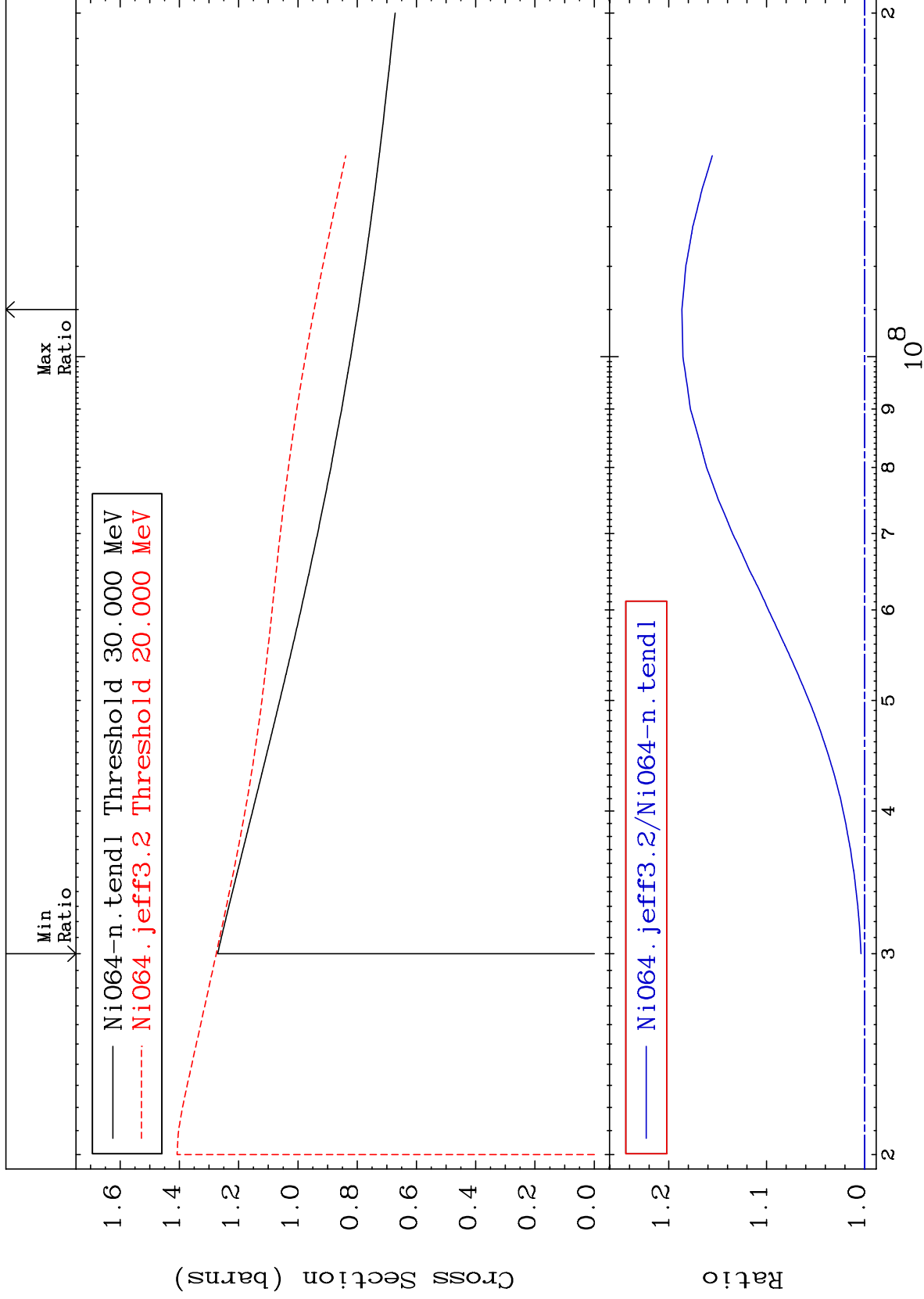
Inelastic
Cross Section



MAT 2843

(n, remainder)
Cross Section

28-Ni-64
0.364 To 18.65 %



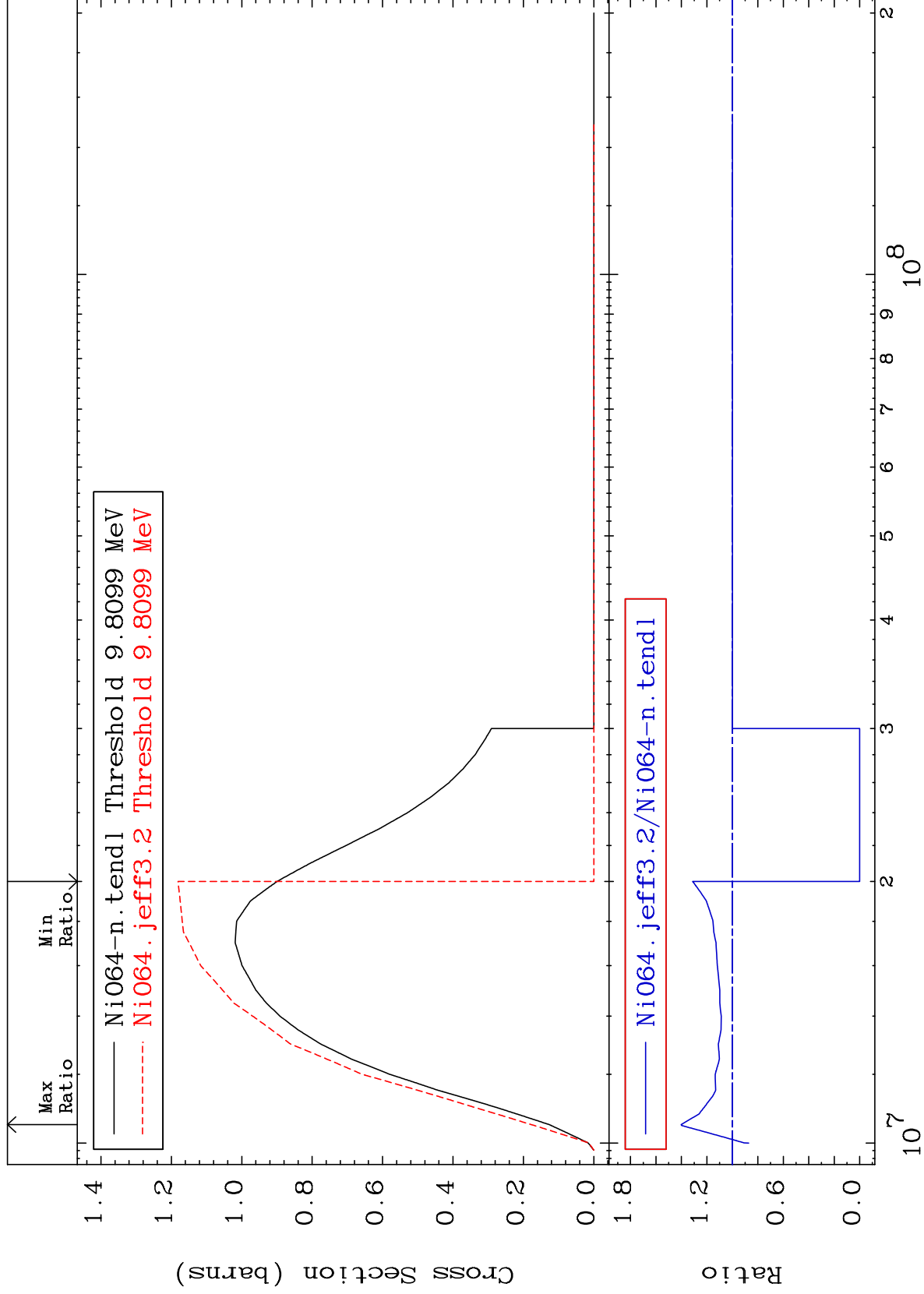
4

28-Ni-64

MAT 2843

(n,2n)
Cross Section

28-Ni-64
-100.0 To 40.21 %



28-Ni-64

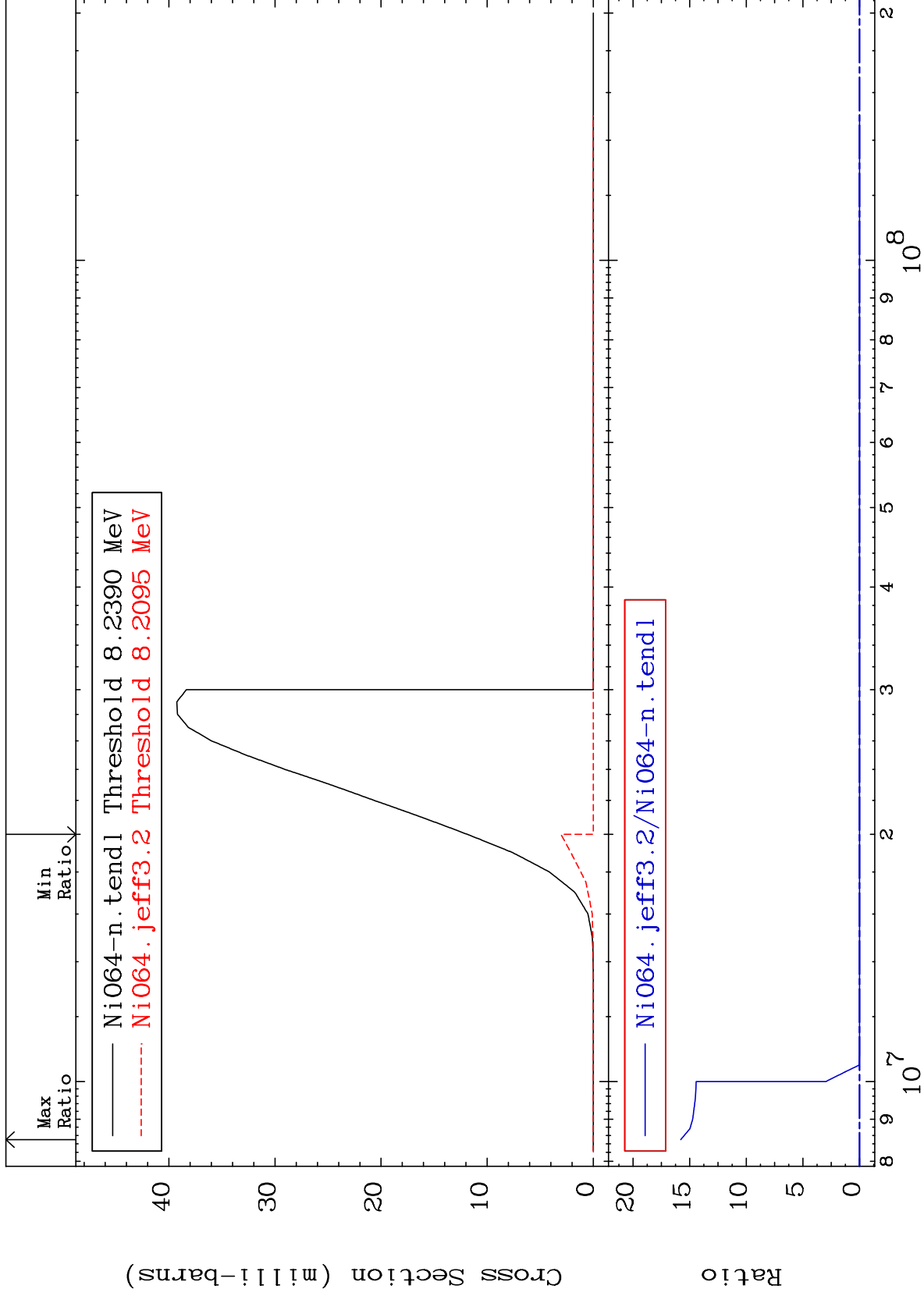
Incident Energy (eV)

5

MAT 2843

(n, n') α
Cross Section

28-Ni-64
-100.0 To 9999. %



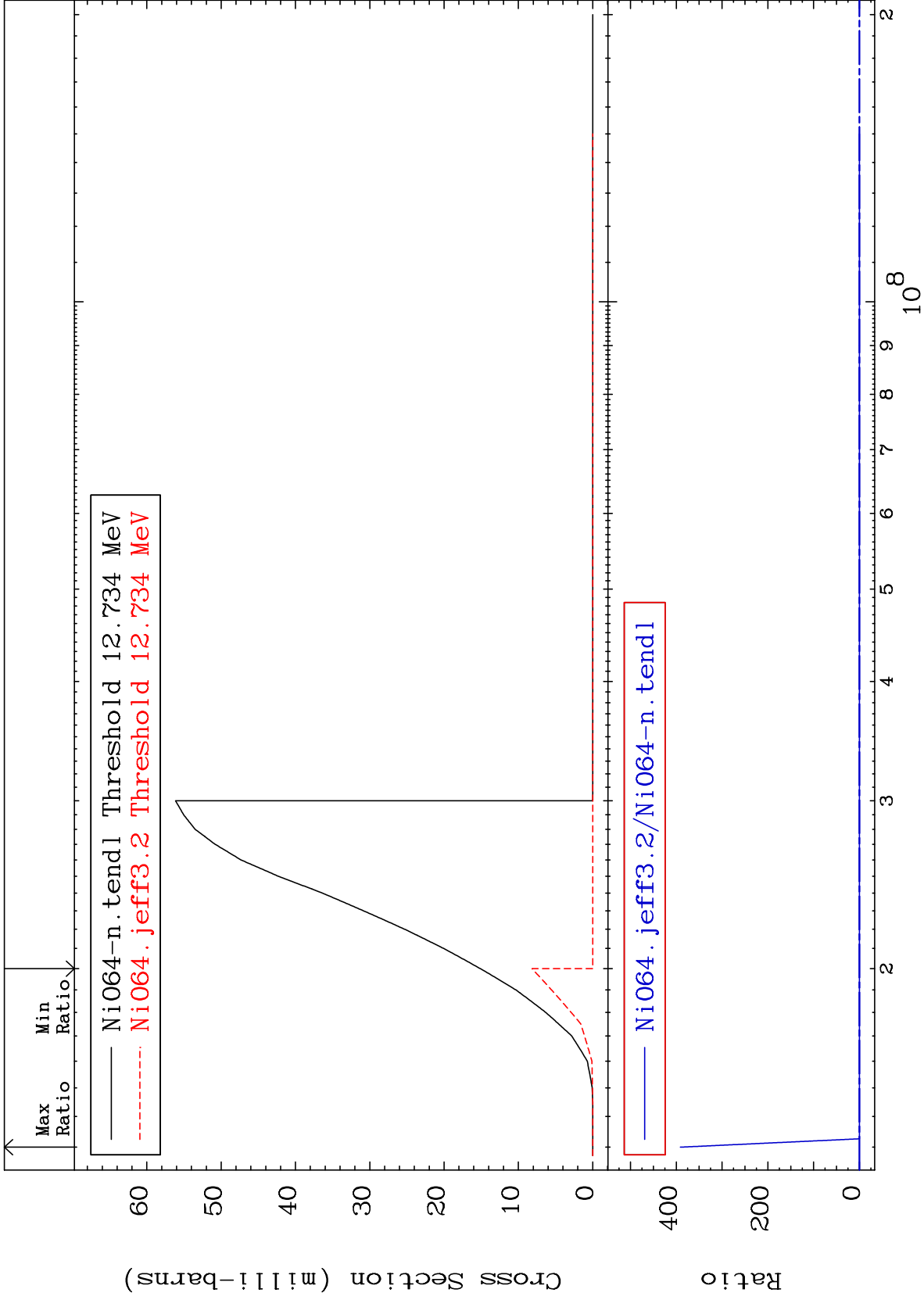
28-Ni-64

28-Ni-64

MAT 2843

(n,n') p
Cross Section

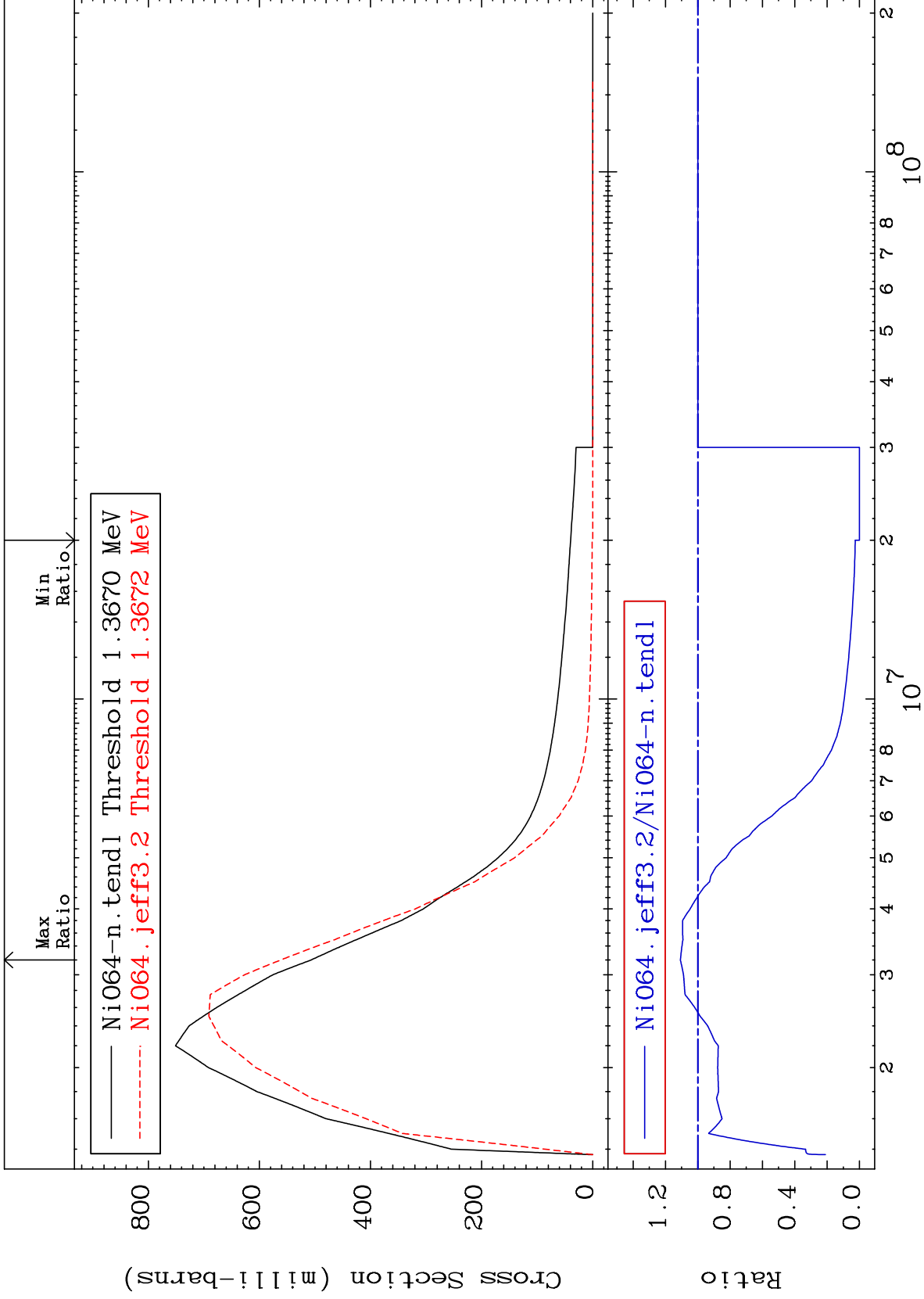
28-Ni-64
-100.0 To 9999. %



MAT 2843

1.346 MeV (n,n') Level
Cross Section

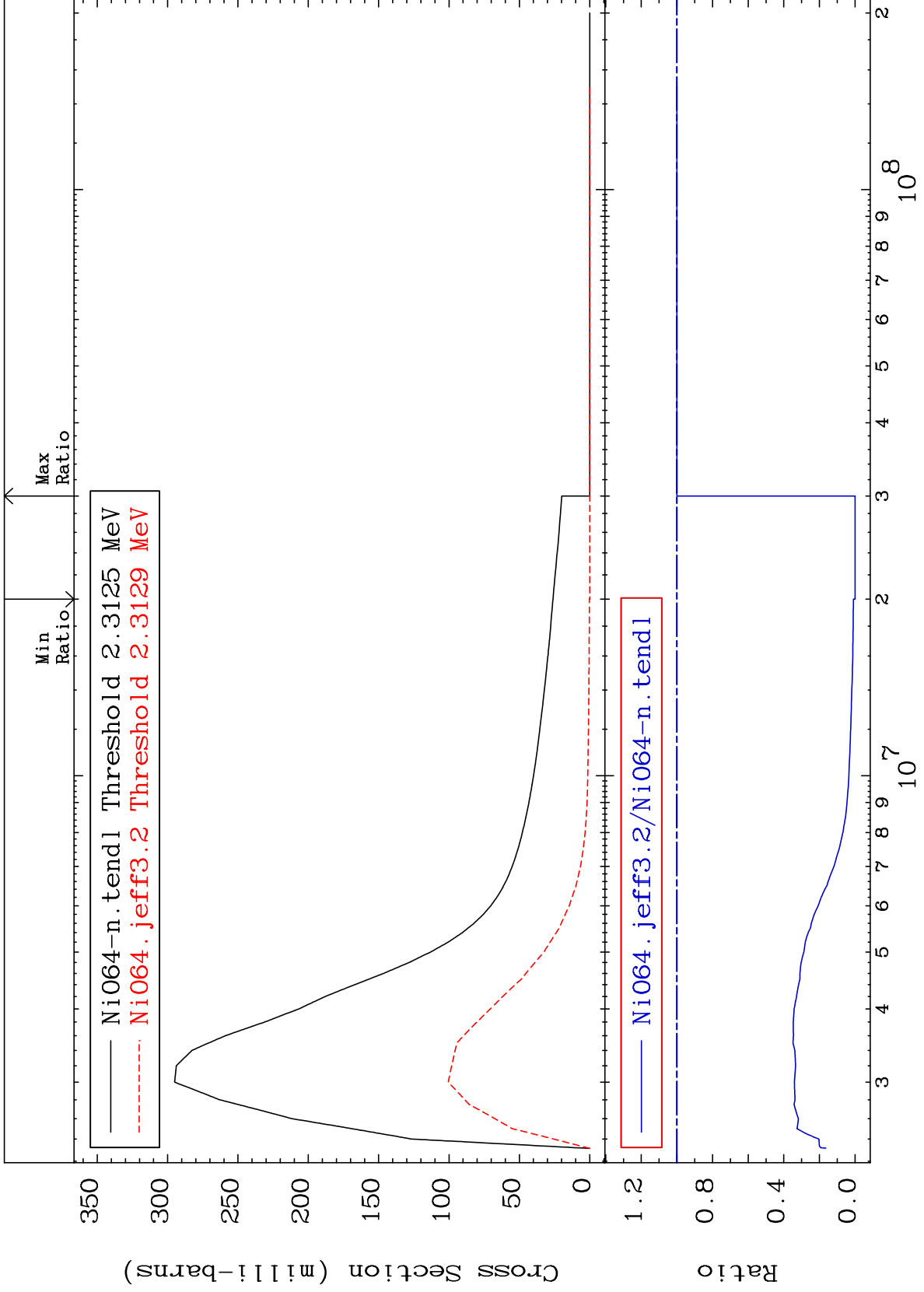
28-Ni-64
-100.0 To 10.79 %



MAT 2843

2.277 MeV (n,n') Level
Cross Section

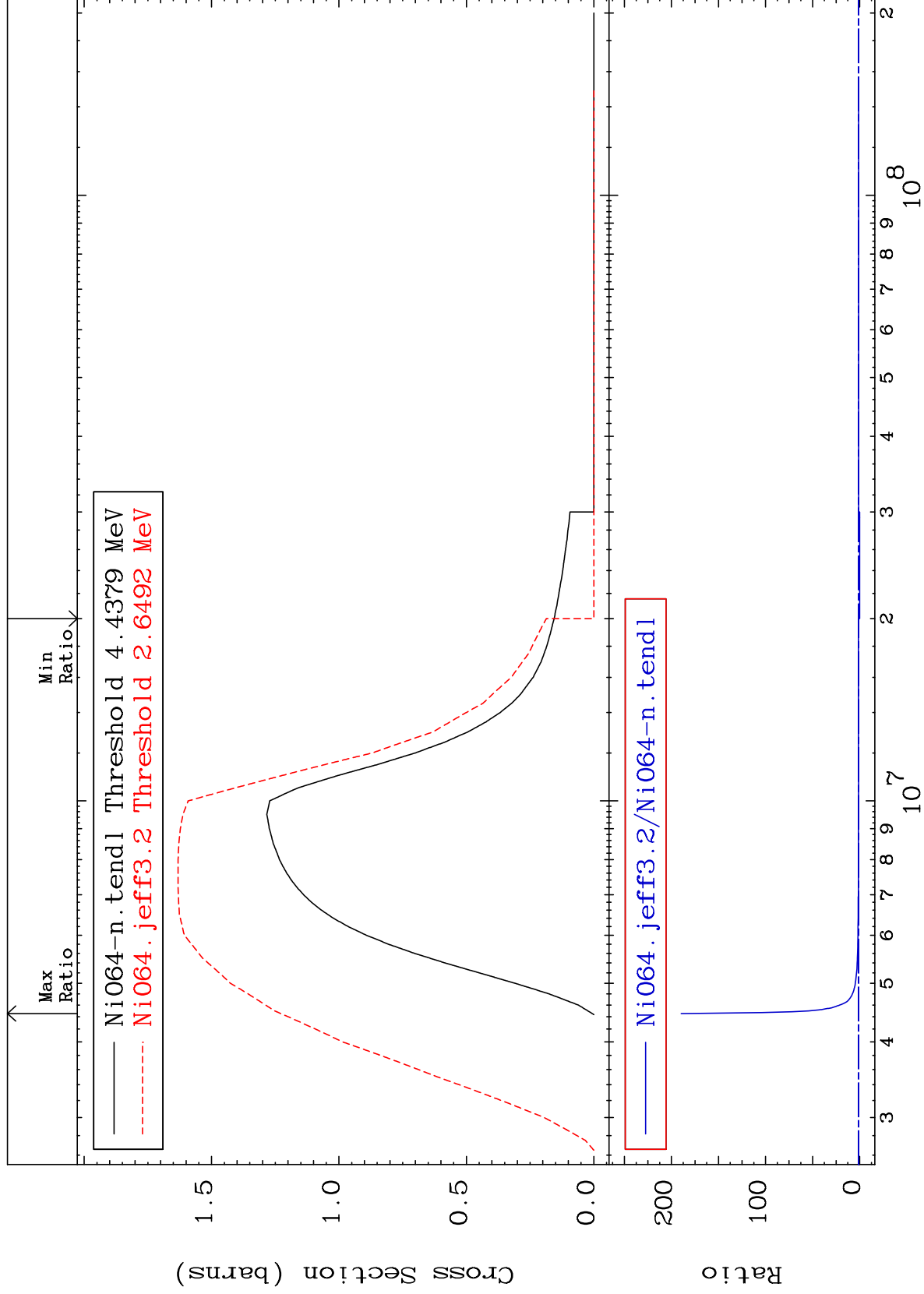
28-Ni-64
-100.0 To 0.000 %



MAT 2843

(n, n') Continuum
Cross Section

28-Ni-64
-100.0 To 9999. %



28-Ni-64

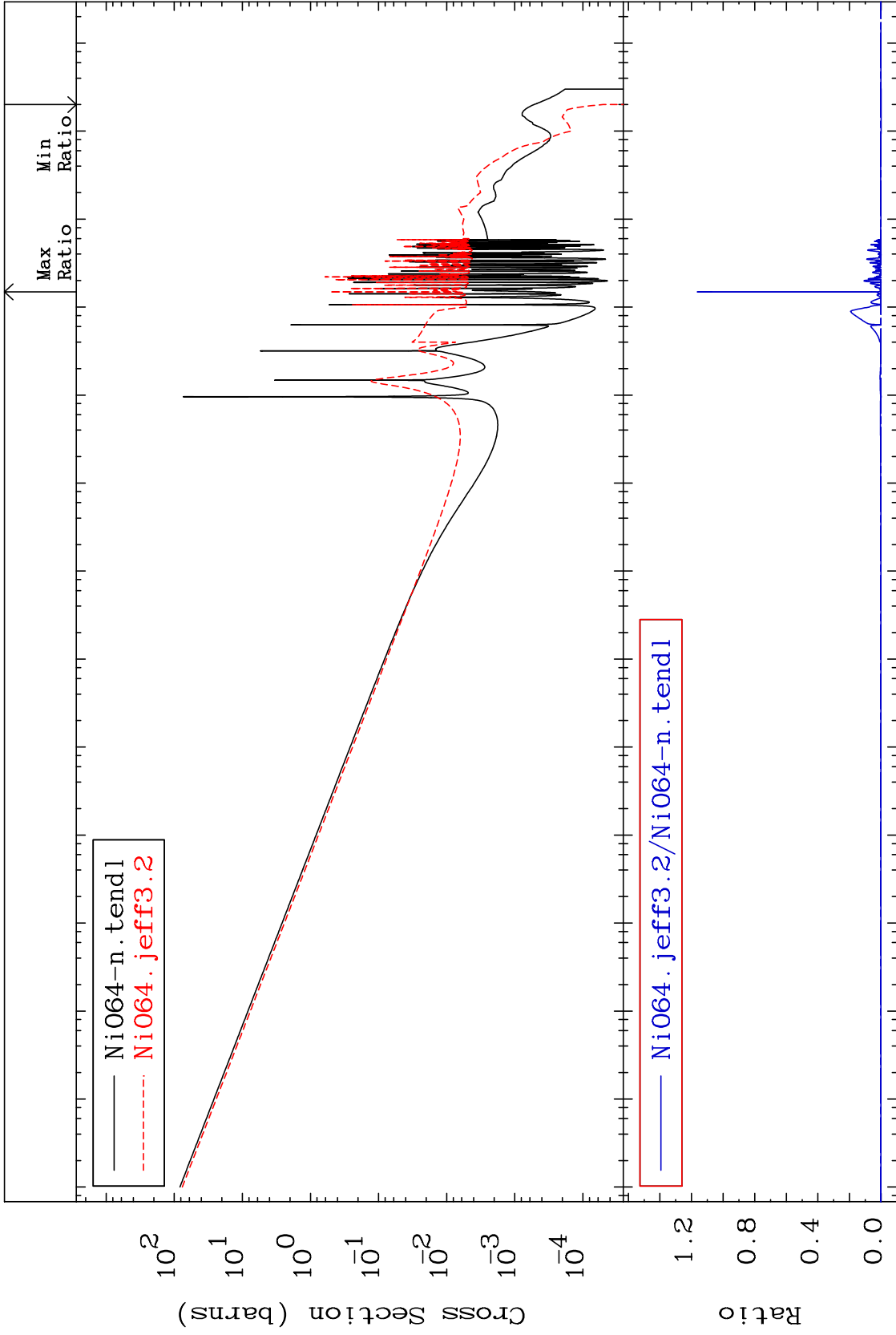
Incident Energy (eV)

10

MAT 2843

(n, γ)
Cross Section

28-Ni-64
-100.0 To 9999. %



11

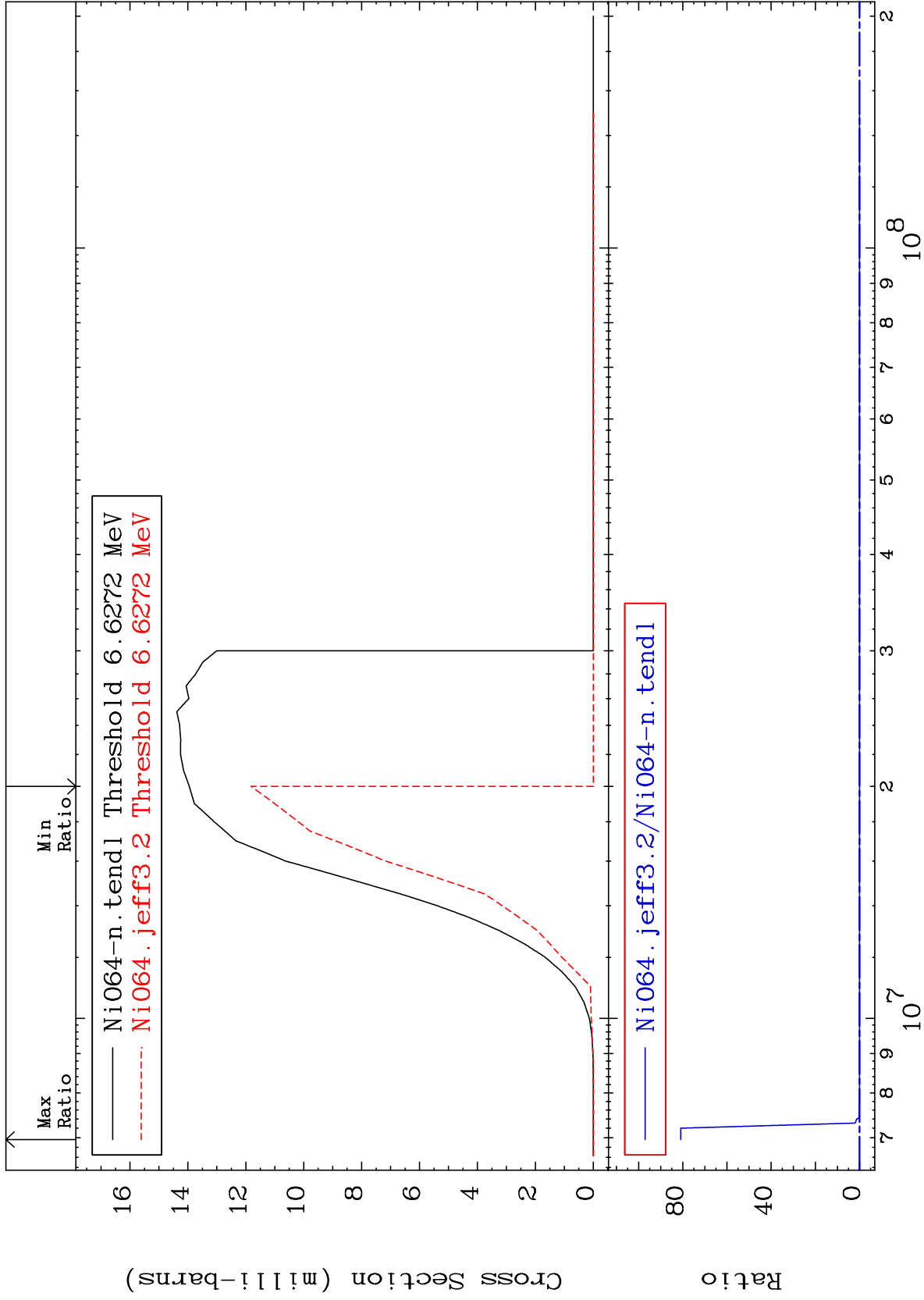
Incident Energy (eV)

28-Ni-64

MAT 2843

(n,p)
Cross Section

28-Ni-64
-100.0 To 9999. %



12

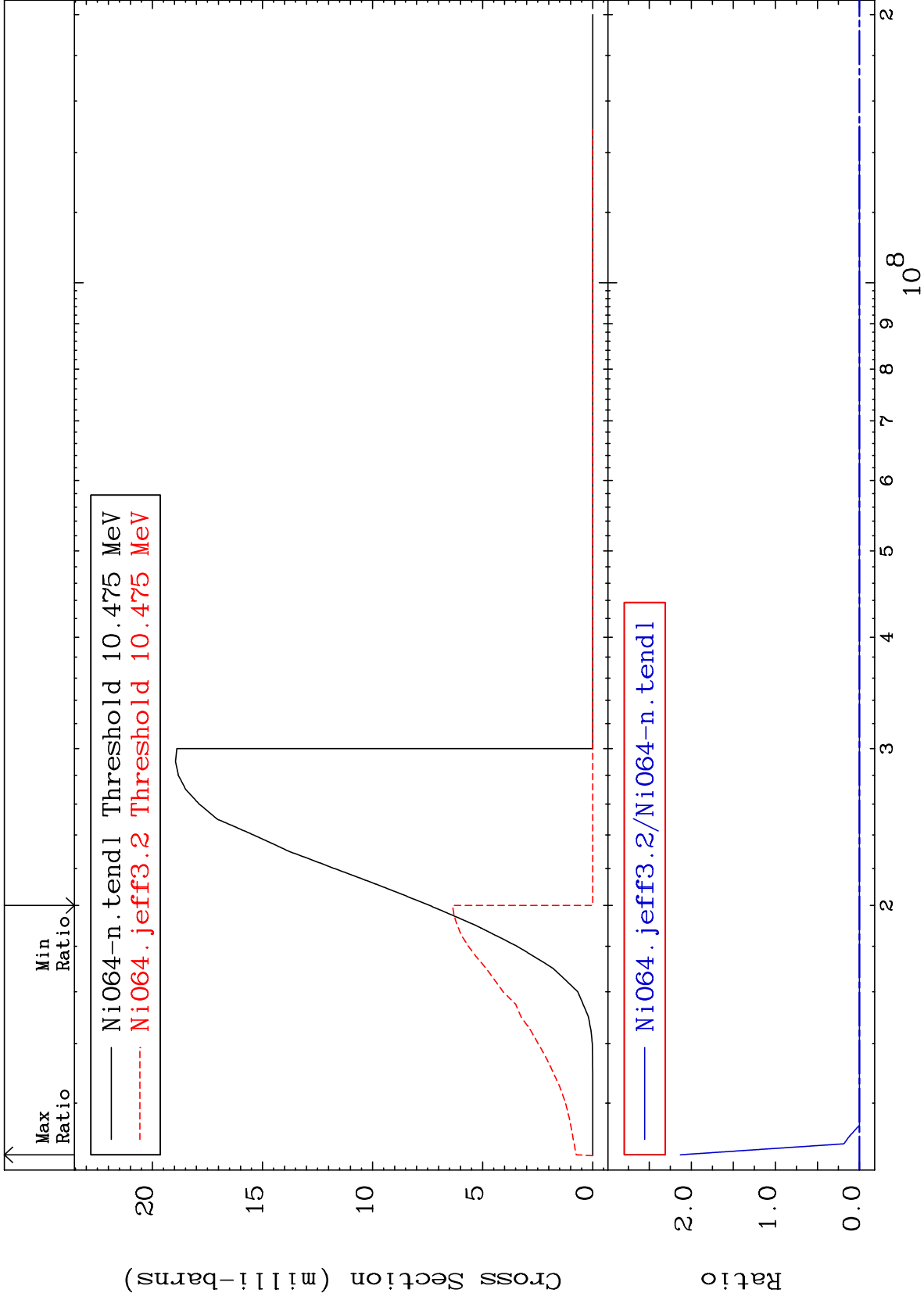
Incident Energy (eV)

28-Ni-64

MAT 2843

(n, d)
Cross Section

28-Ni-64
-100.0 To 9999. %



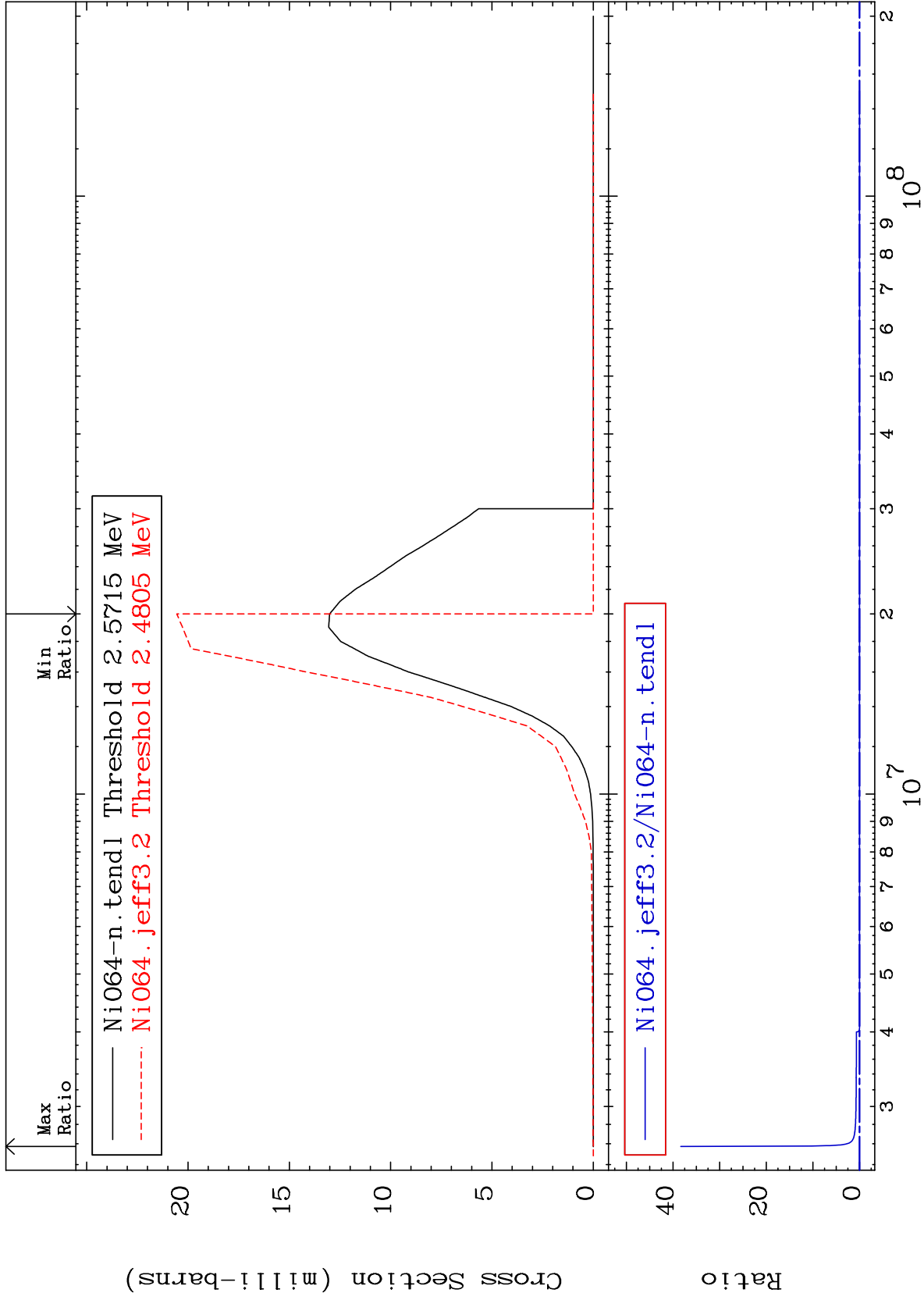
MAT 2843

(n, α)

28-Ni-64

Cross Section

-100.0 To 9999. %



14

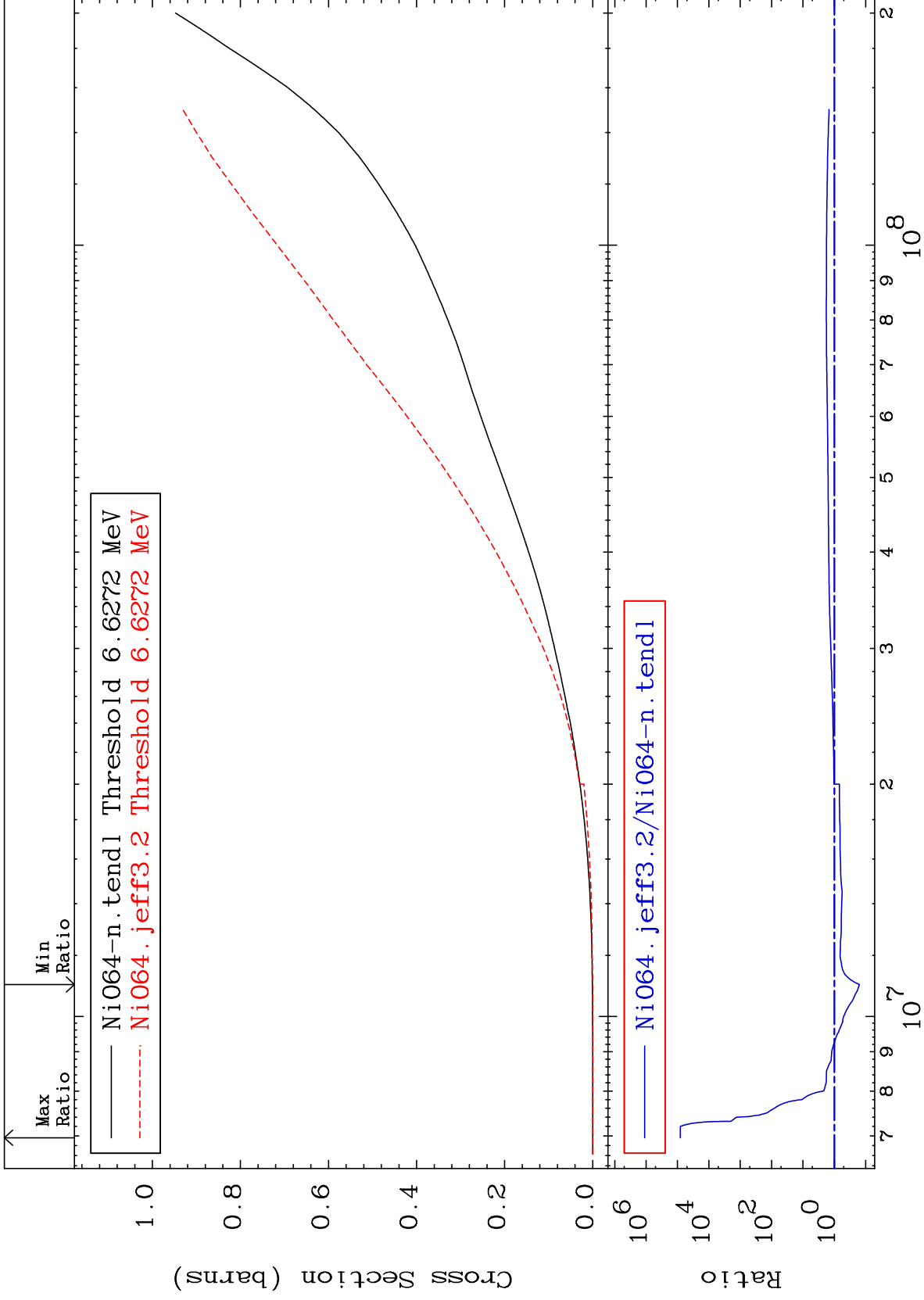
Incident Energy (eV)

28-Ni-64

MAT 2843

Hydrogen Production
Cross Section

²⁸Ni-64
-84.18 To 9999. %



15

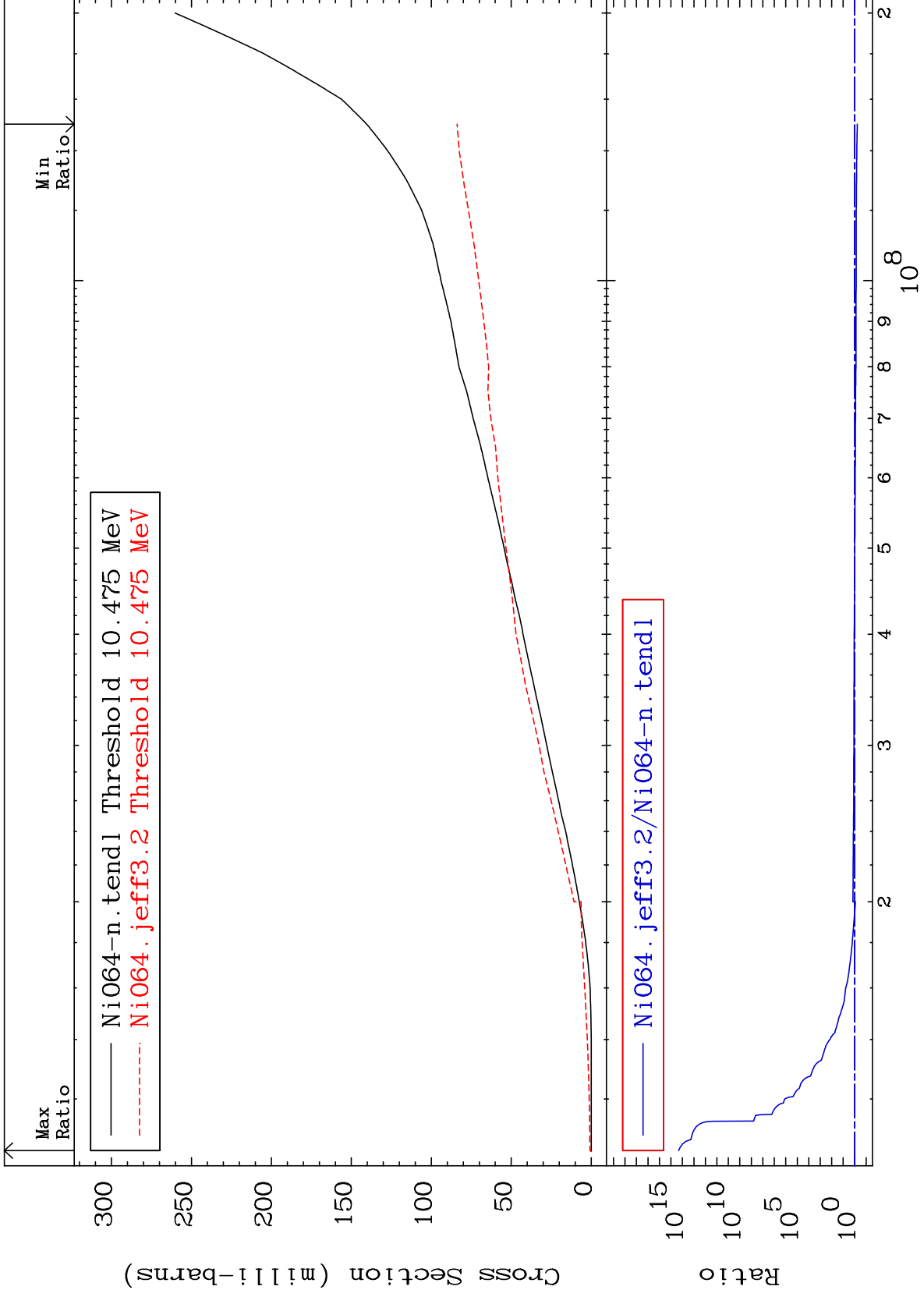
Incident Energy (eV)

²⁸Ni-64

MAT 2843

Deuterium Production
Cross Section

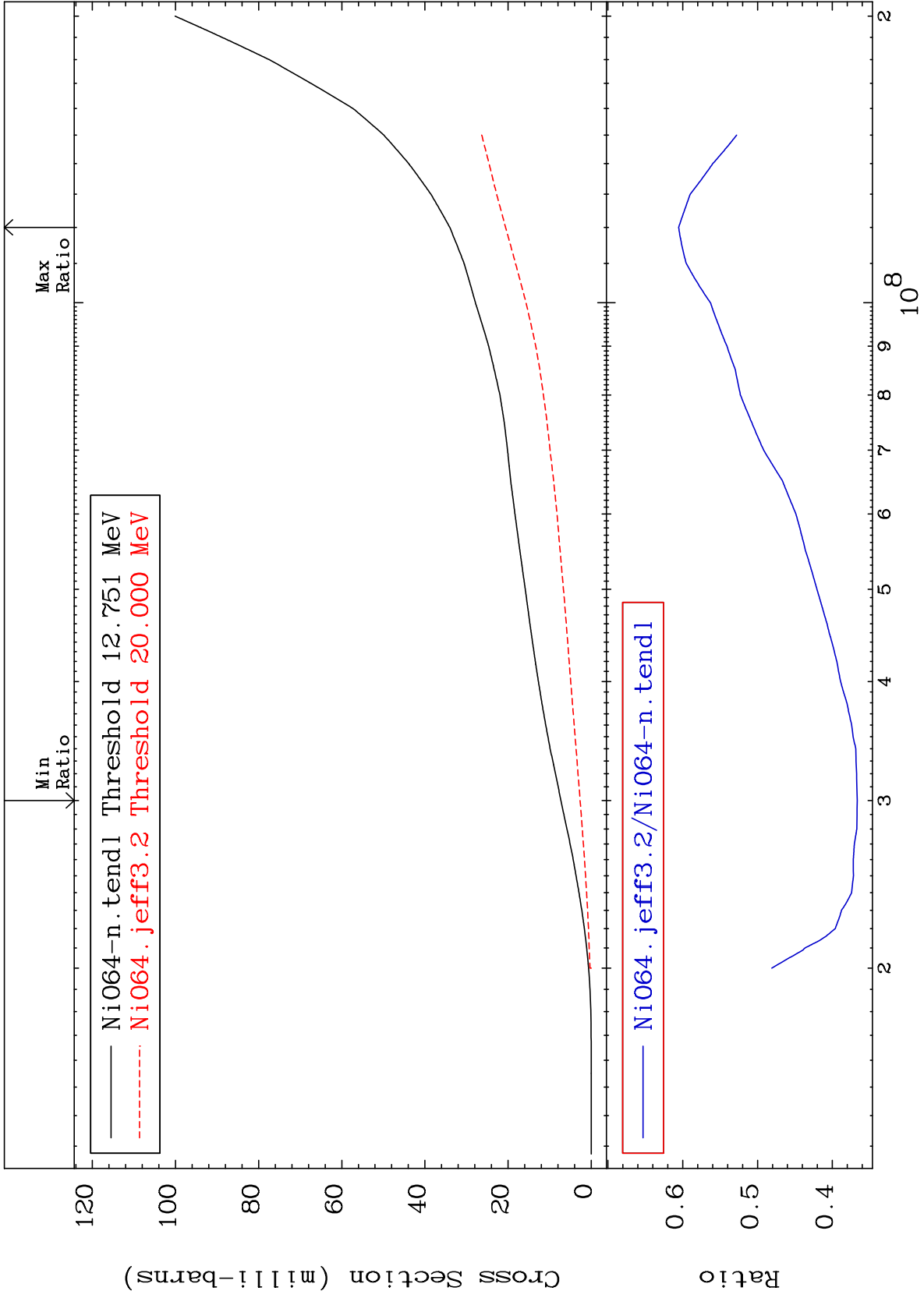
28-Ni-64
-40.25 To 9999. %



MAT 2843

Tritium Production
Cross Section

28-Ni-64
-63.33 To -39.46%



17

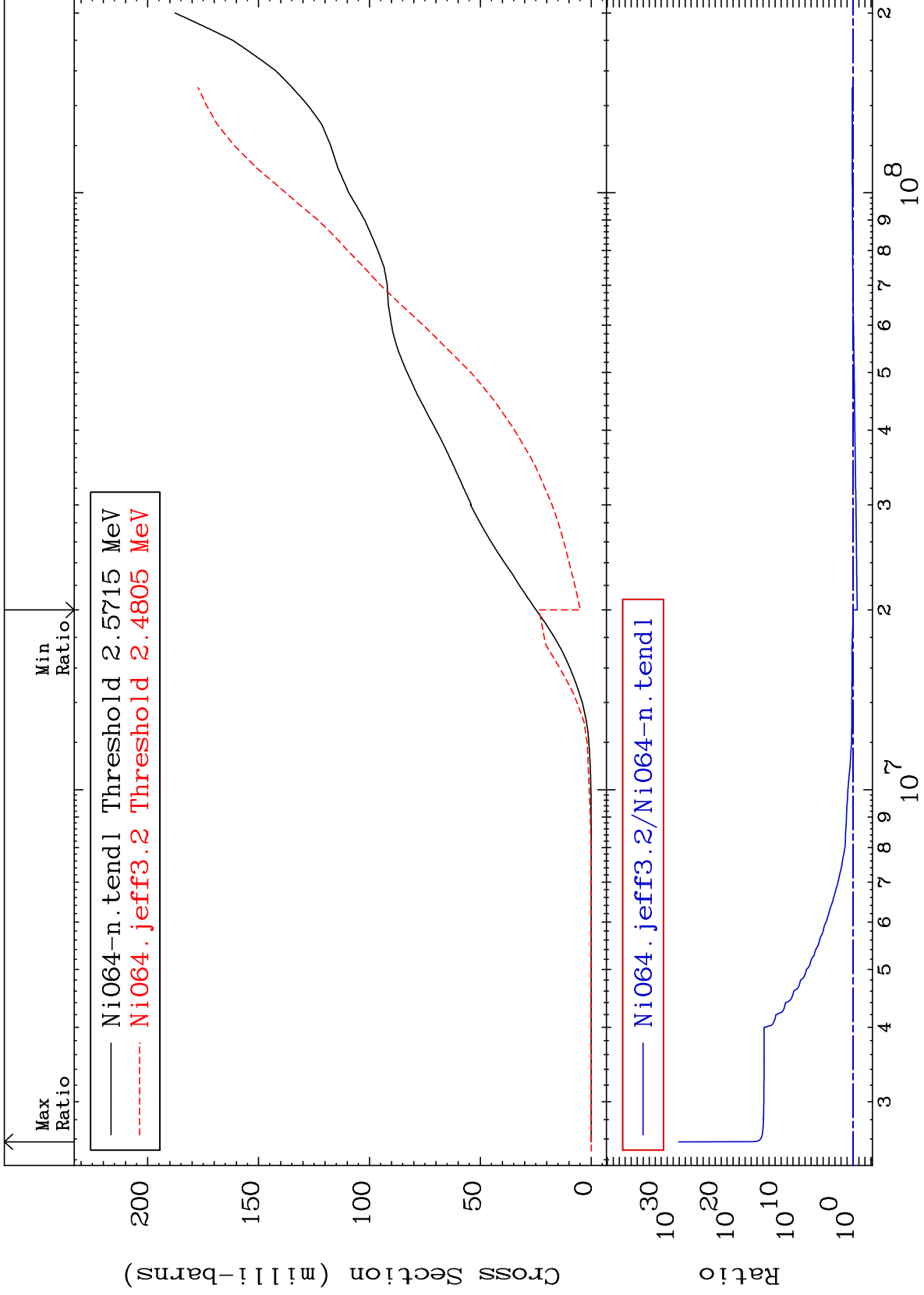
Incident Energy (eV)

28-Ni-64

MAT 2843

He-4 Production
Cross Section

28-Ni-64
-80.40 To 9999. %



18

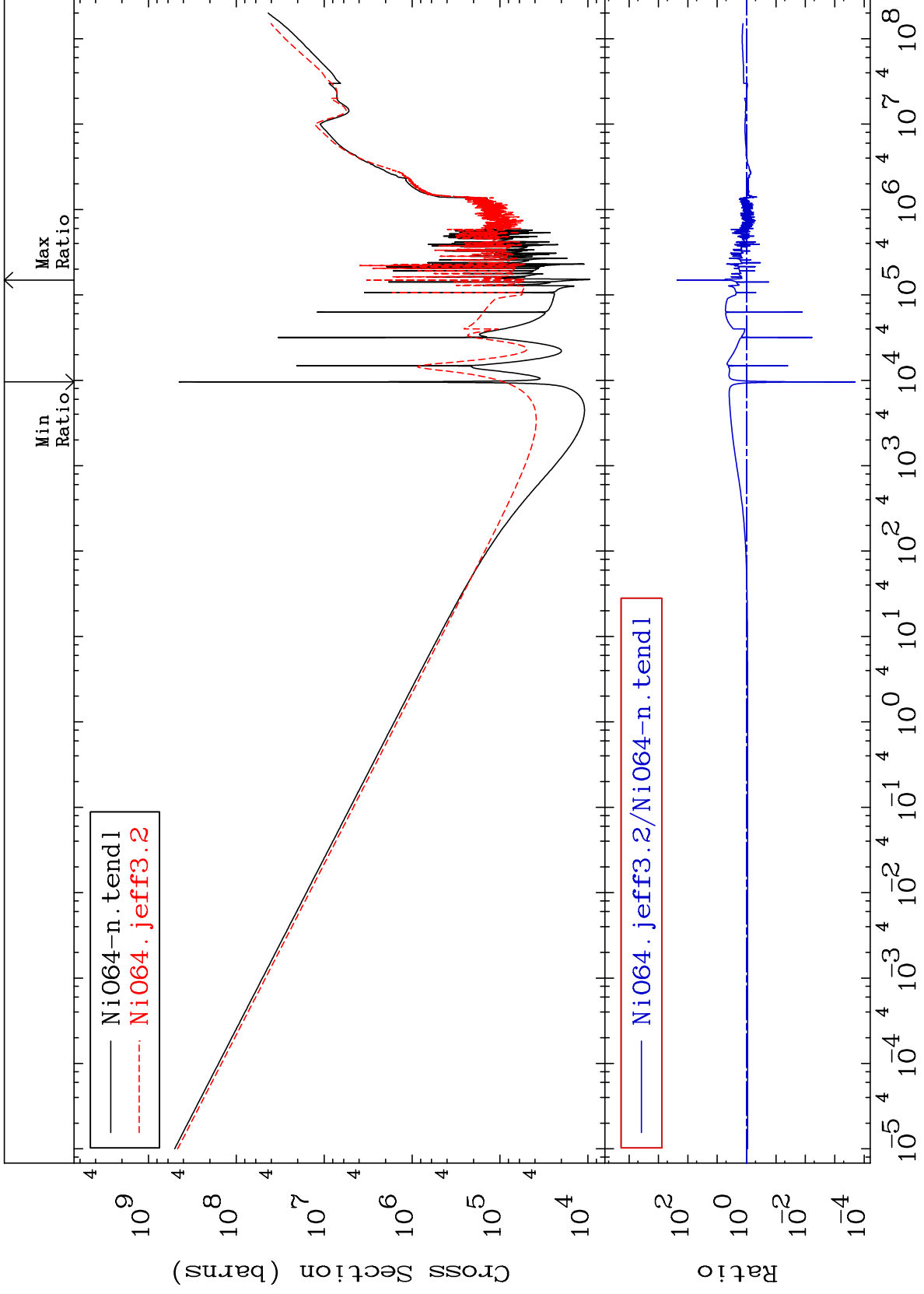
28-Ni-64

28-Ni-64

MAT 2843

Kerma total (eV-barns)
Cross Section

28-Ni-64
-99.98 To 9999. %



19

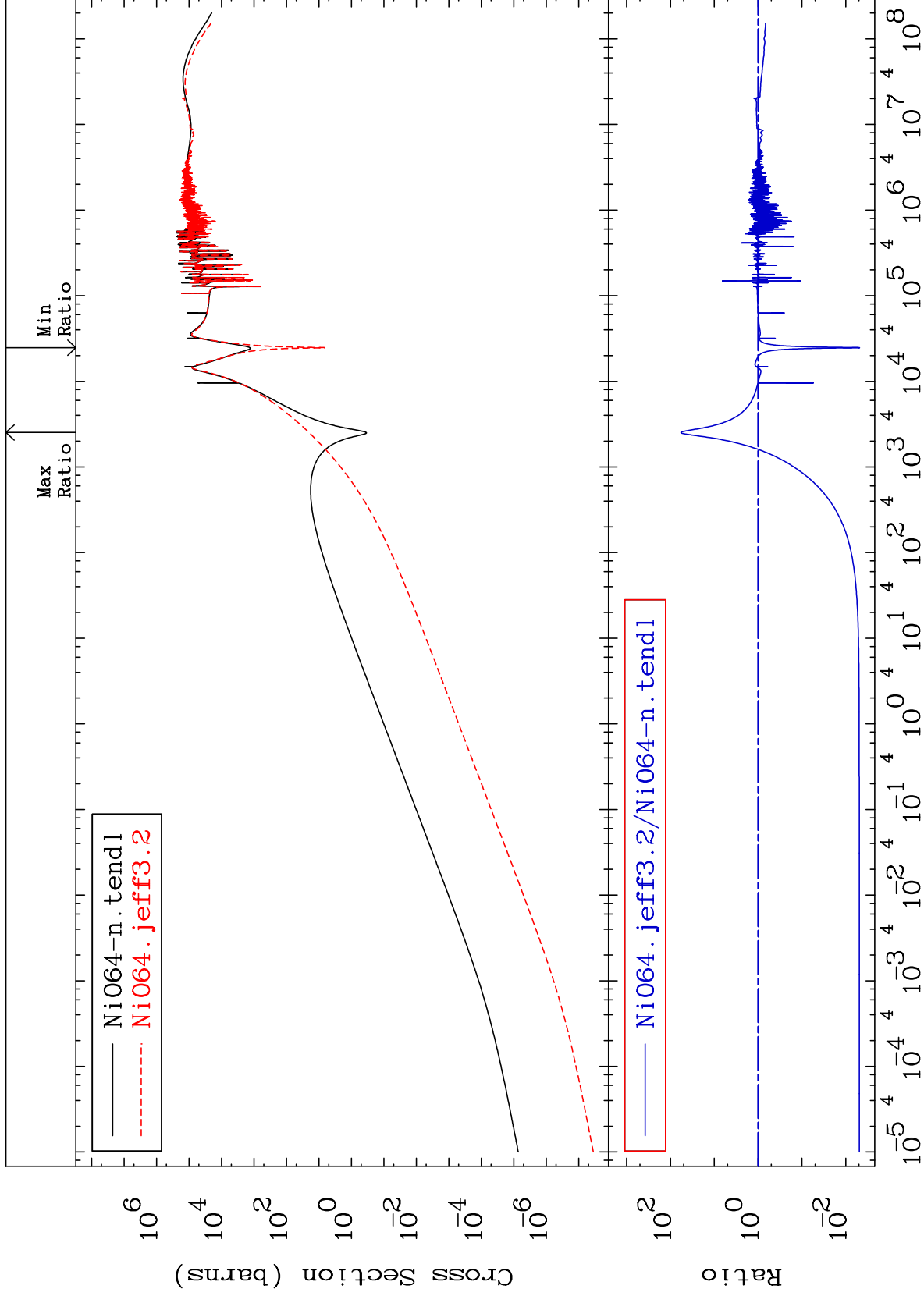
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma elastic
Cross Section

28-Ni-64
-99.52 To 5720. %



20

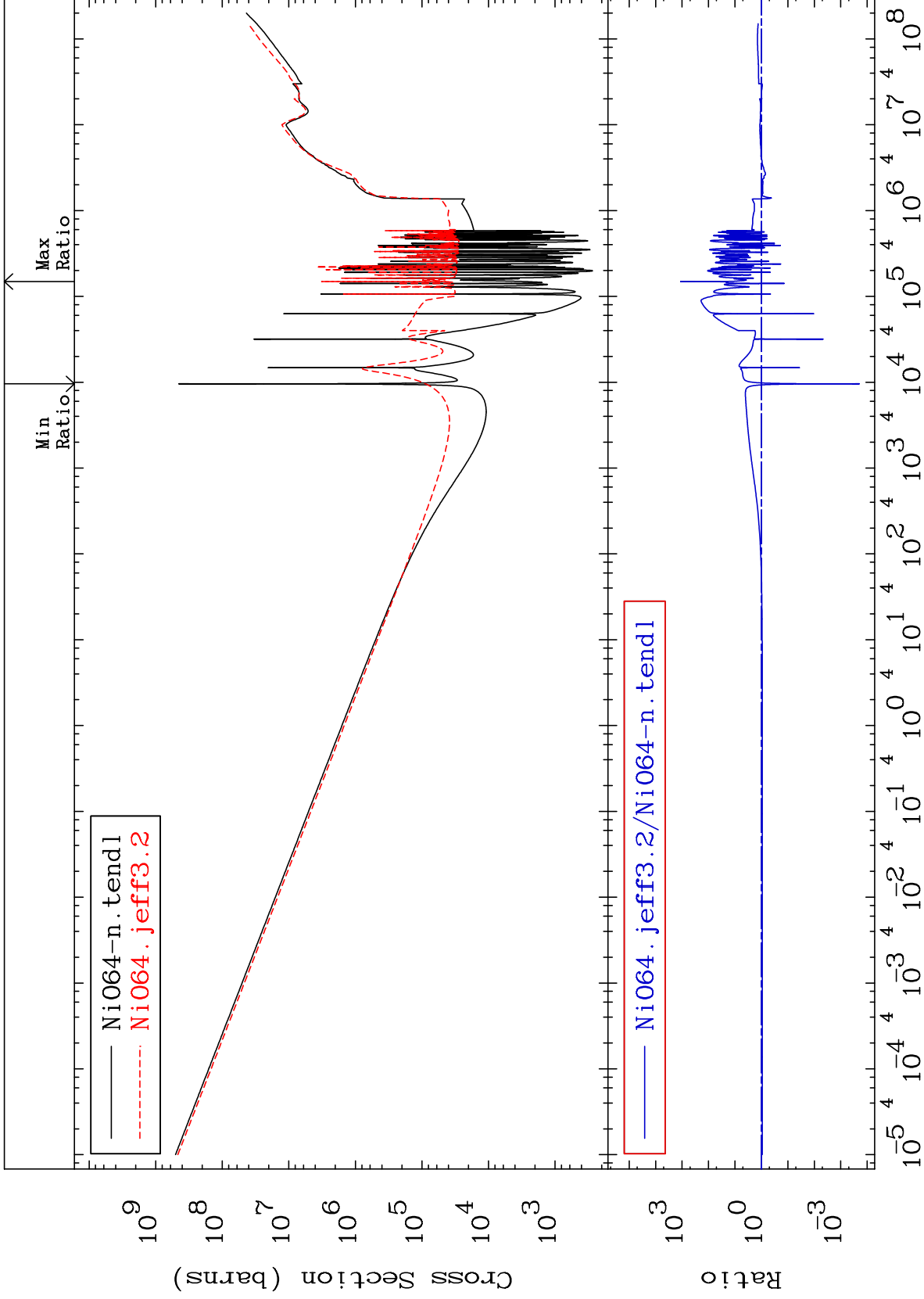
Incident Energy (eV)

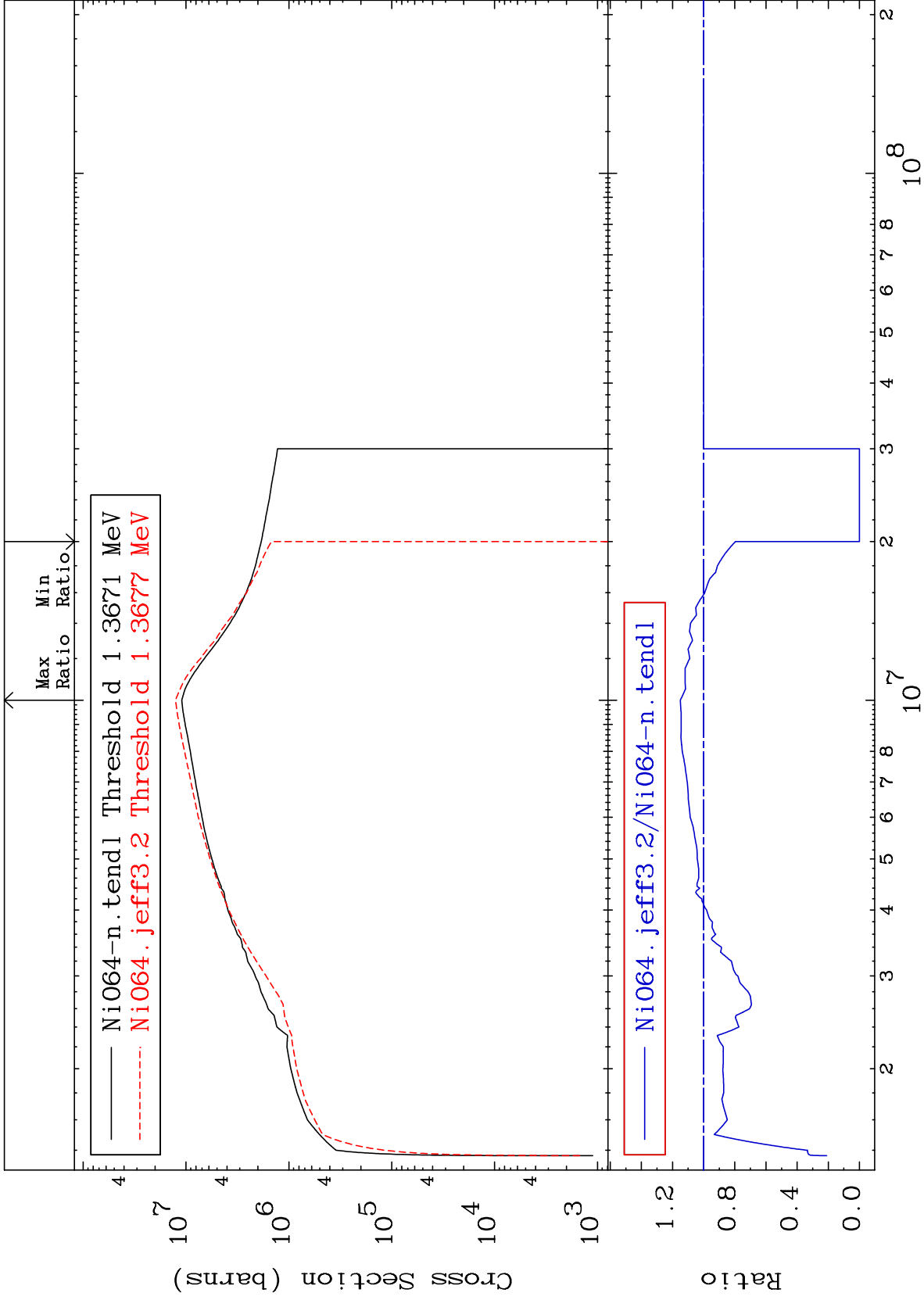
28-Ni-64

MAT 2843

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-64
-99.98 To 9999. %

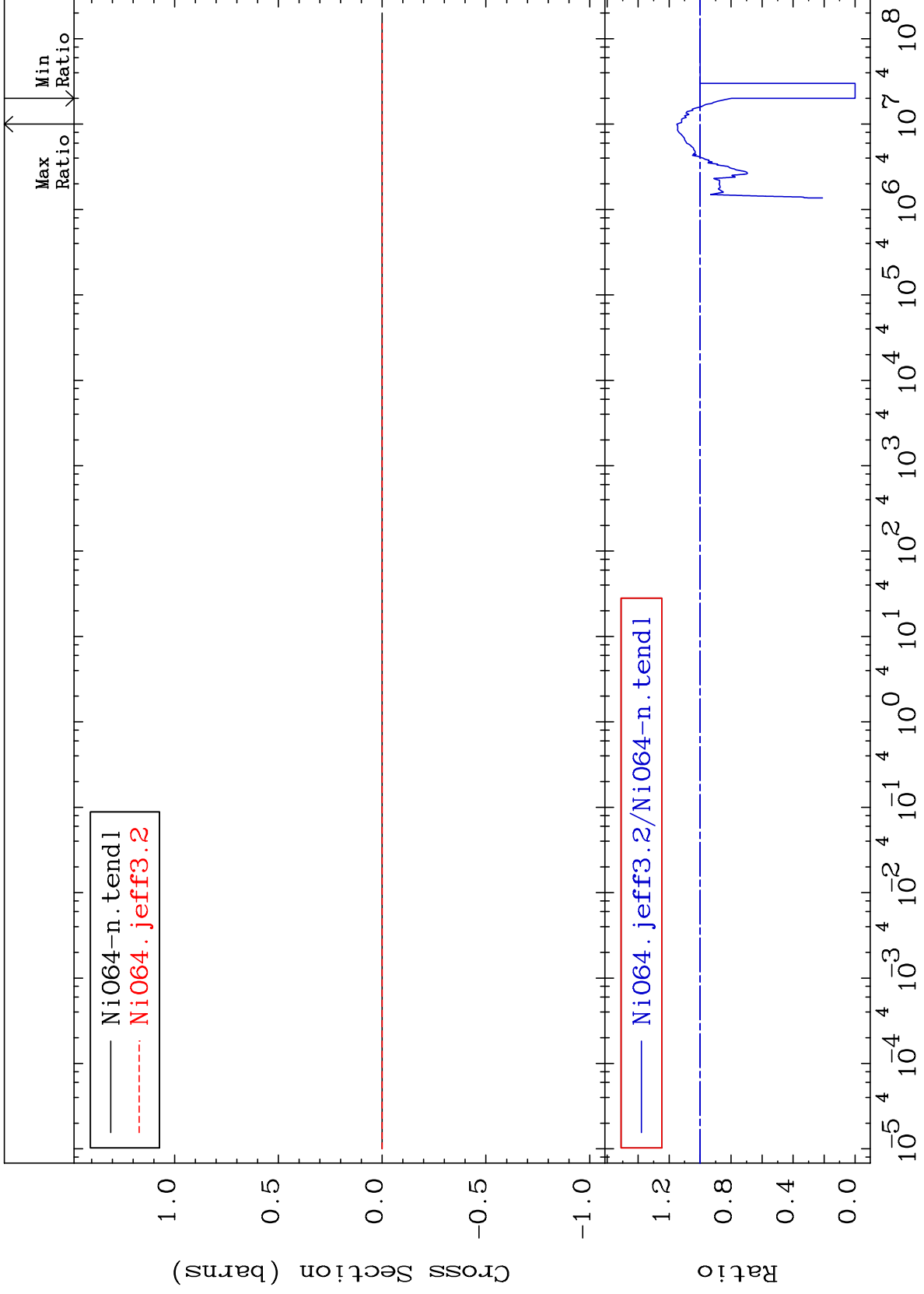




MAT 2843

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

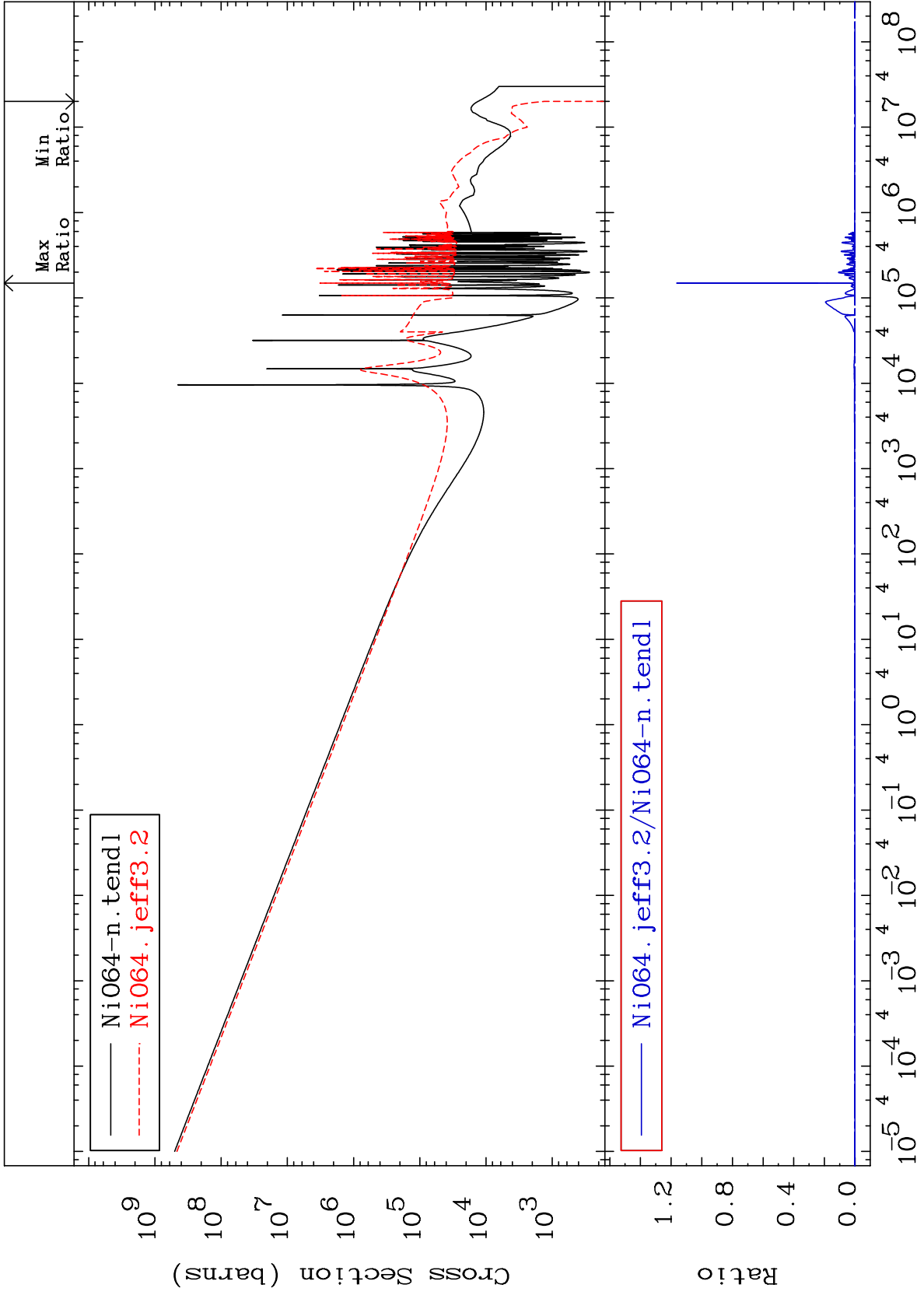
28-Ni-64
-100.0 To 14.98 %



MAT 2843

Kerma capture (mt102)
Cross Section

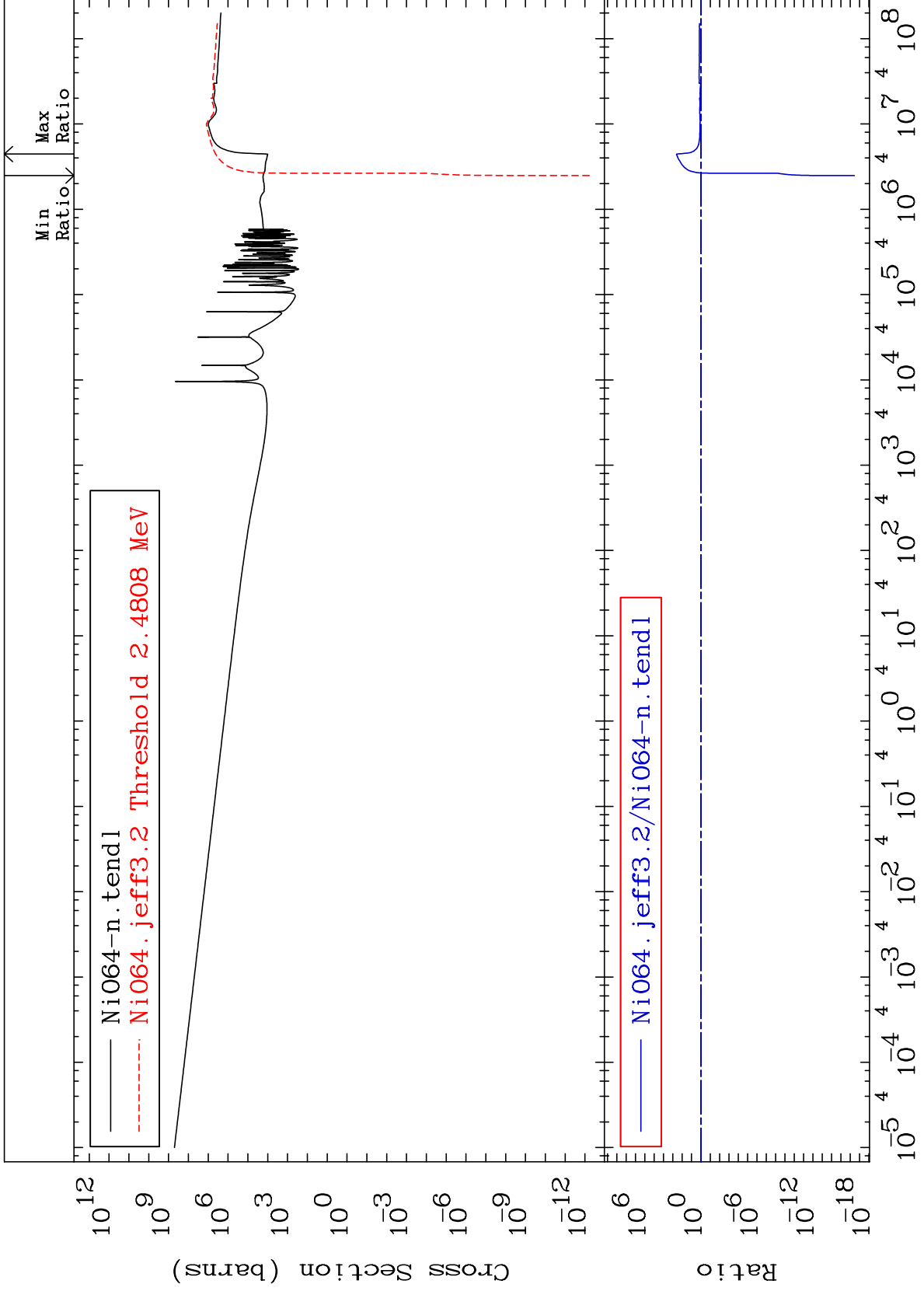
28-Ni-64
-100.0 To 9999. %



MAT 2843

Total photon (eV-barns)
Cross Section

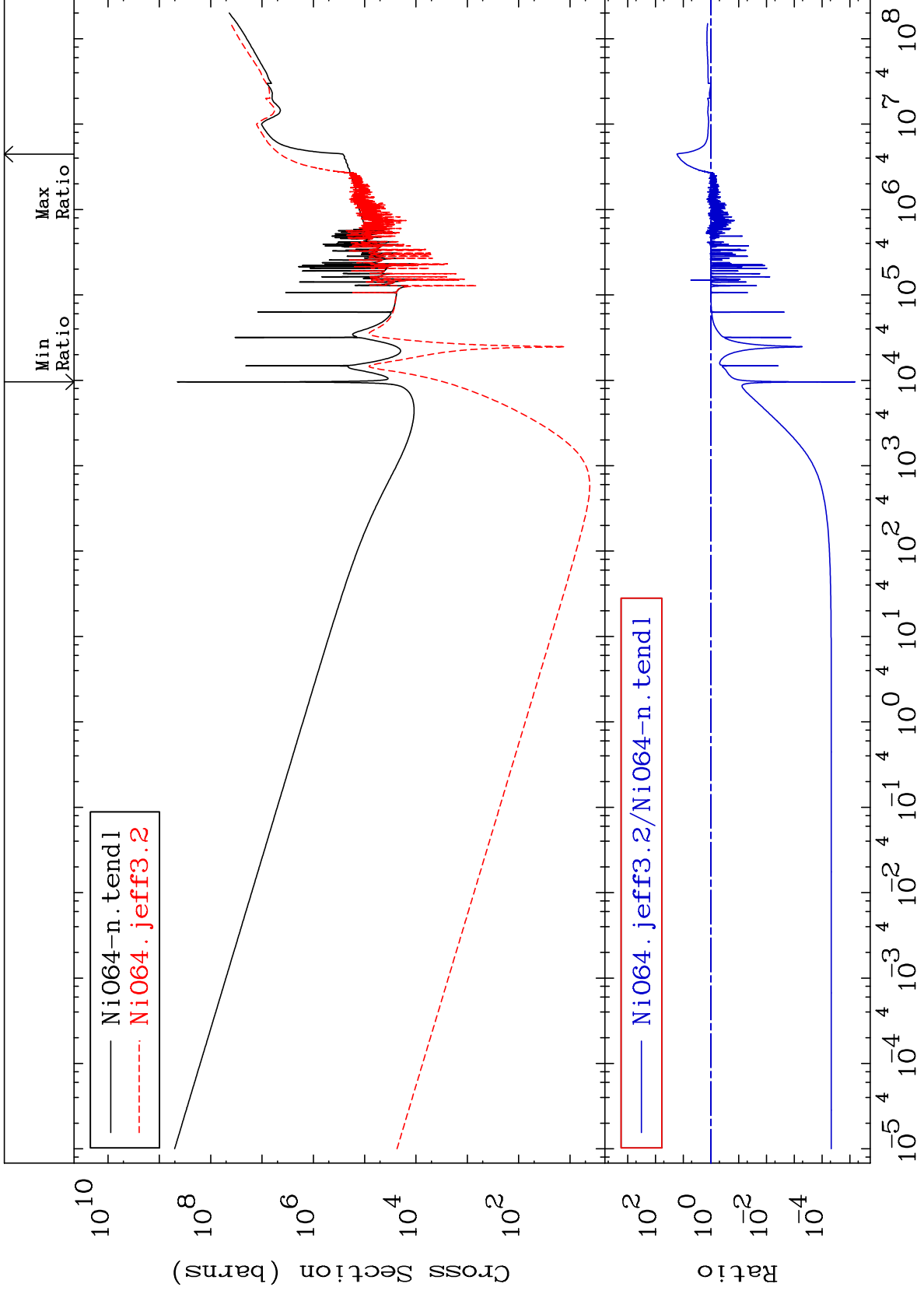
28-Ni-64
-100.0 To 9999. %



MAT 2843

Total kinematic kerma (high limit)
Cross Section

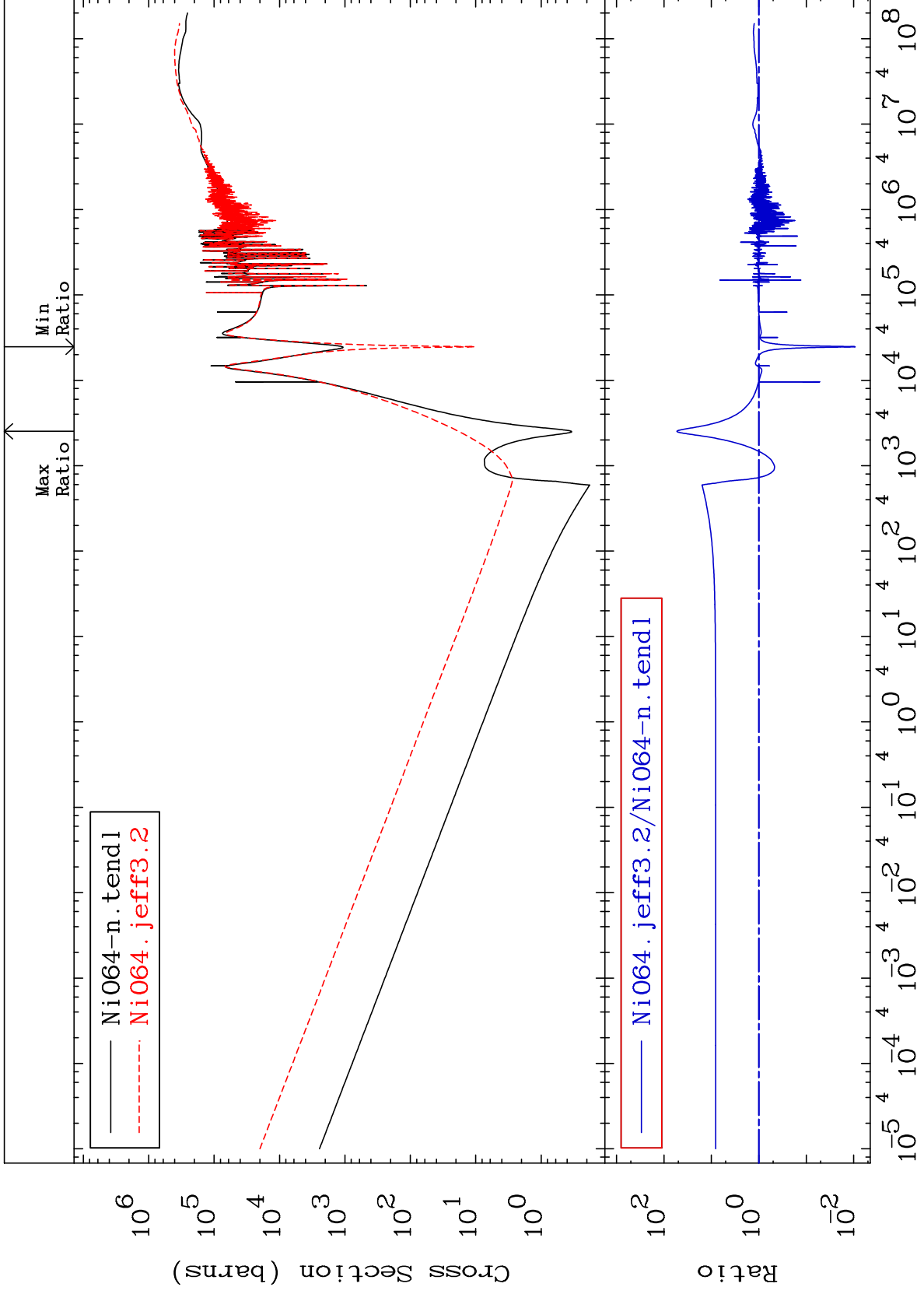
28-Ni-64
-100.0 To 1587. %



MAT 2843

Dpa total (eV-barns)
Cross Section

28-Ni-64
-99.06 To 5234. %



27

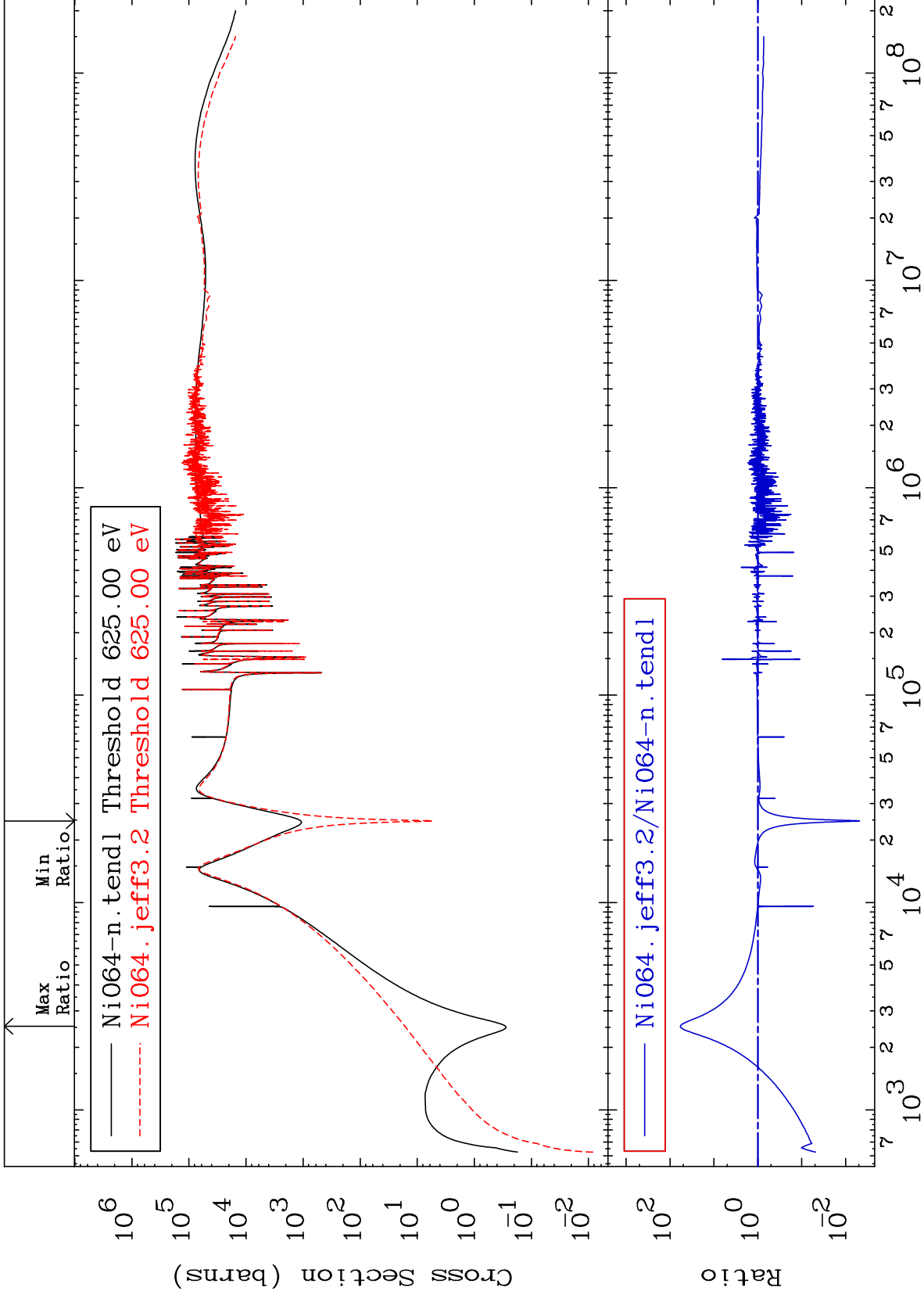
Incident Energy (eV)

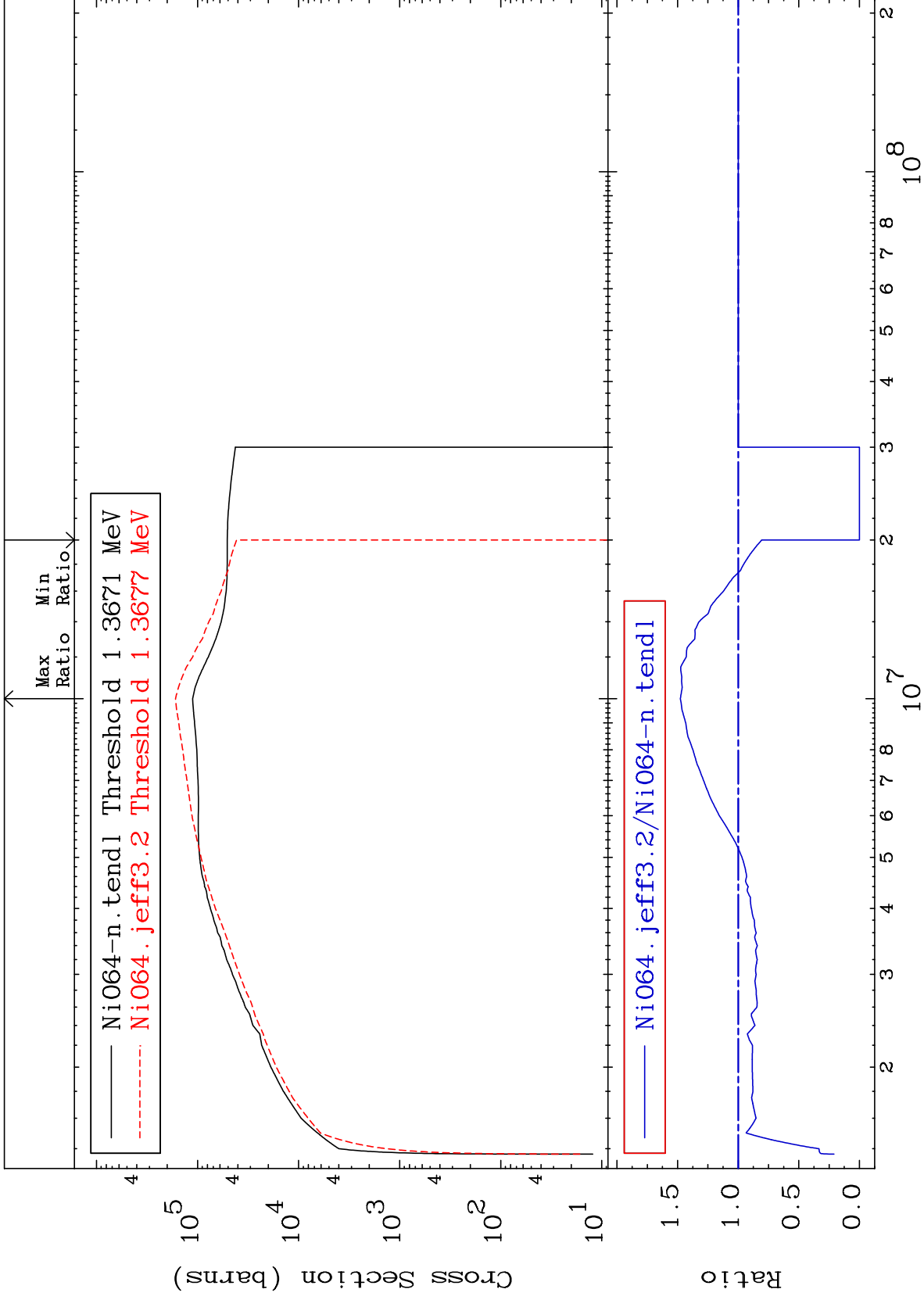
28-Ni-64

MAT 2843

Dpa elastic (mt2)
Cross Section

28-Ni-64
-99.52 To 5720. %

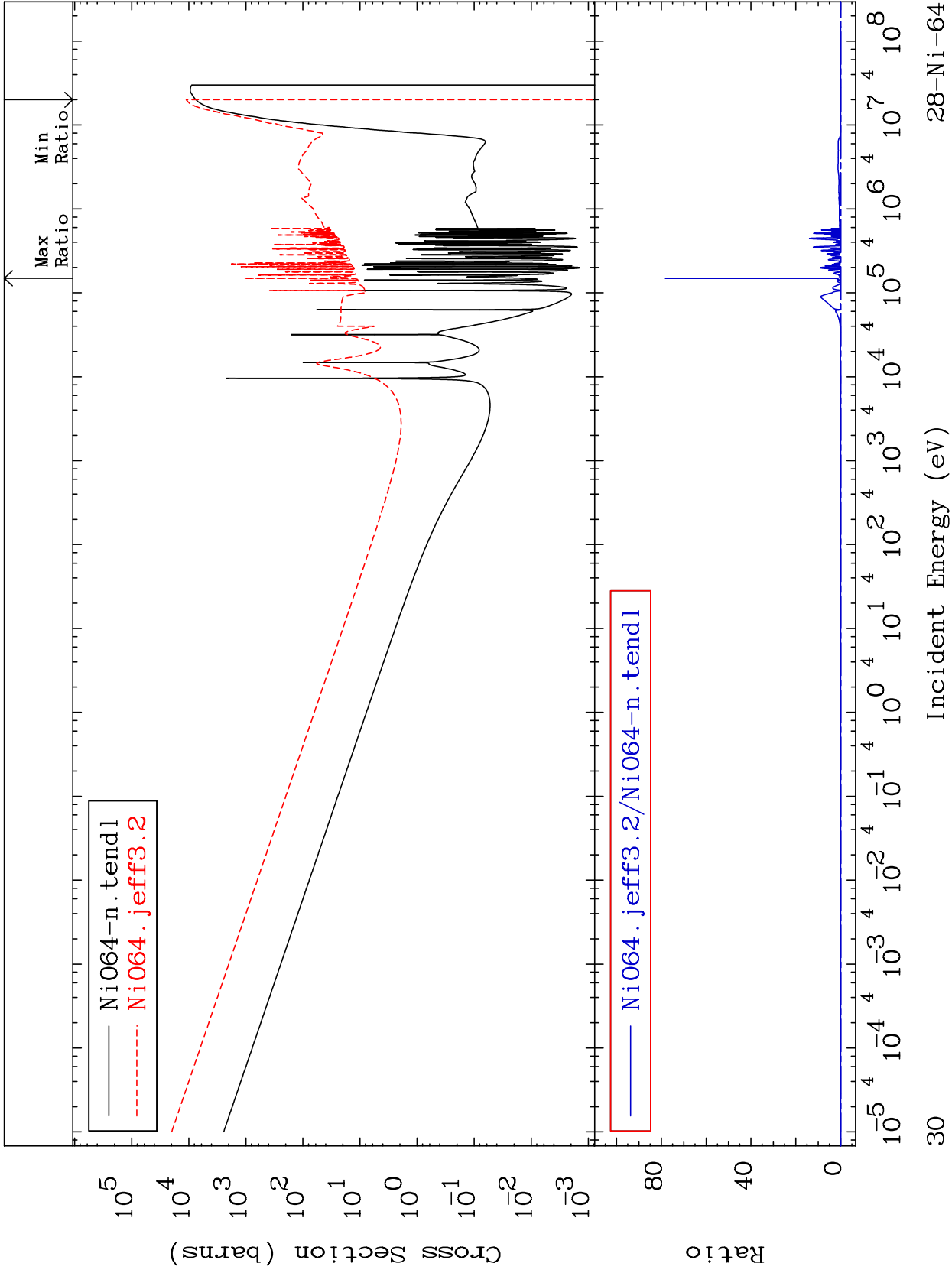




MAT 2843

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-64
-100.0 To 9999. %



30

Incident Energy (eV)

28-Ni-64