

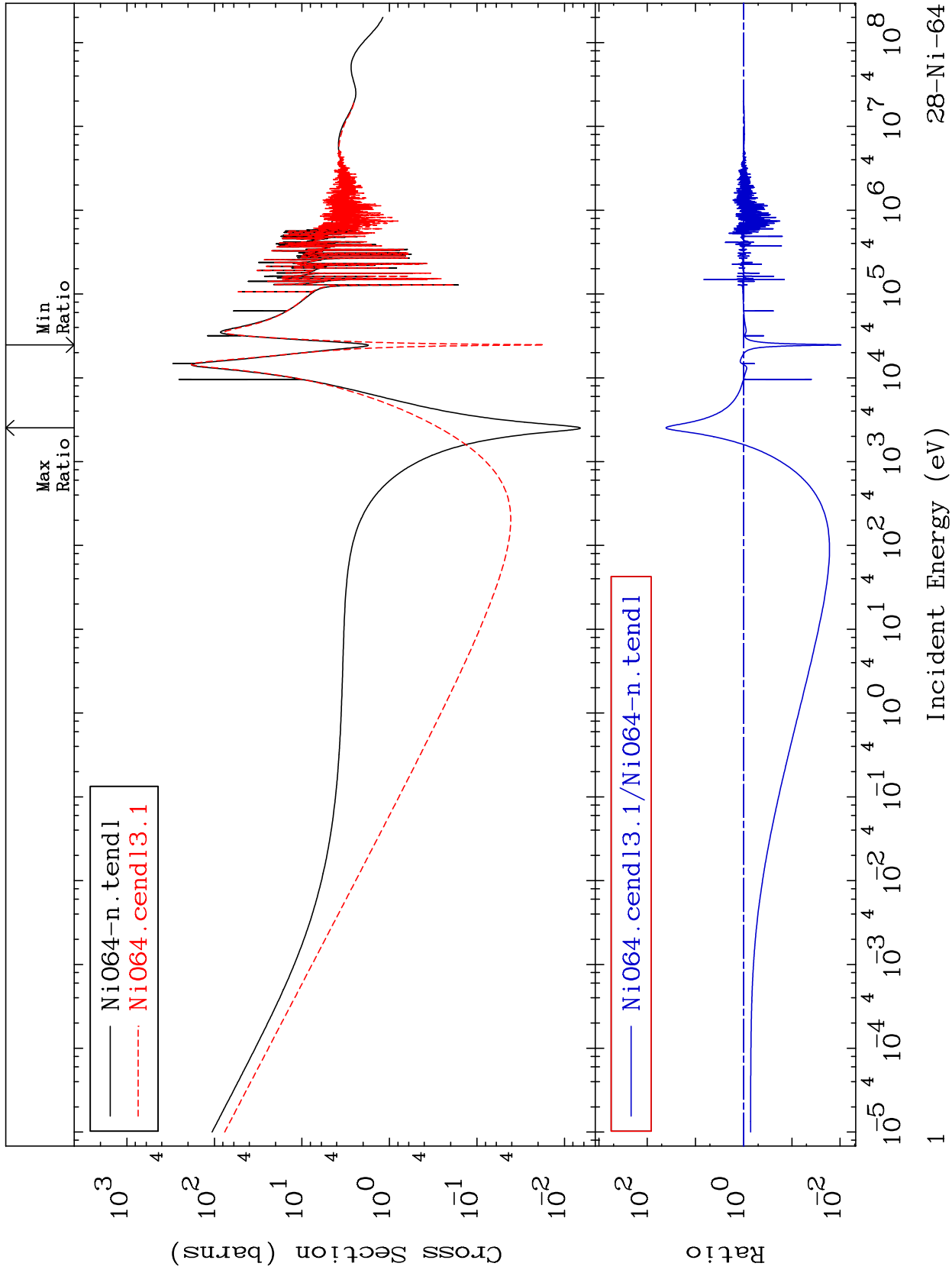
MAT 2843

Total

28-Ni-64

Cross Section

-99.04 To 3984. %

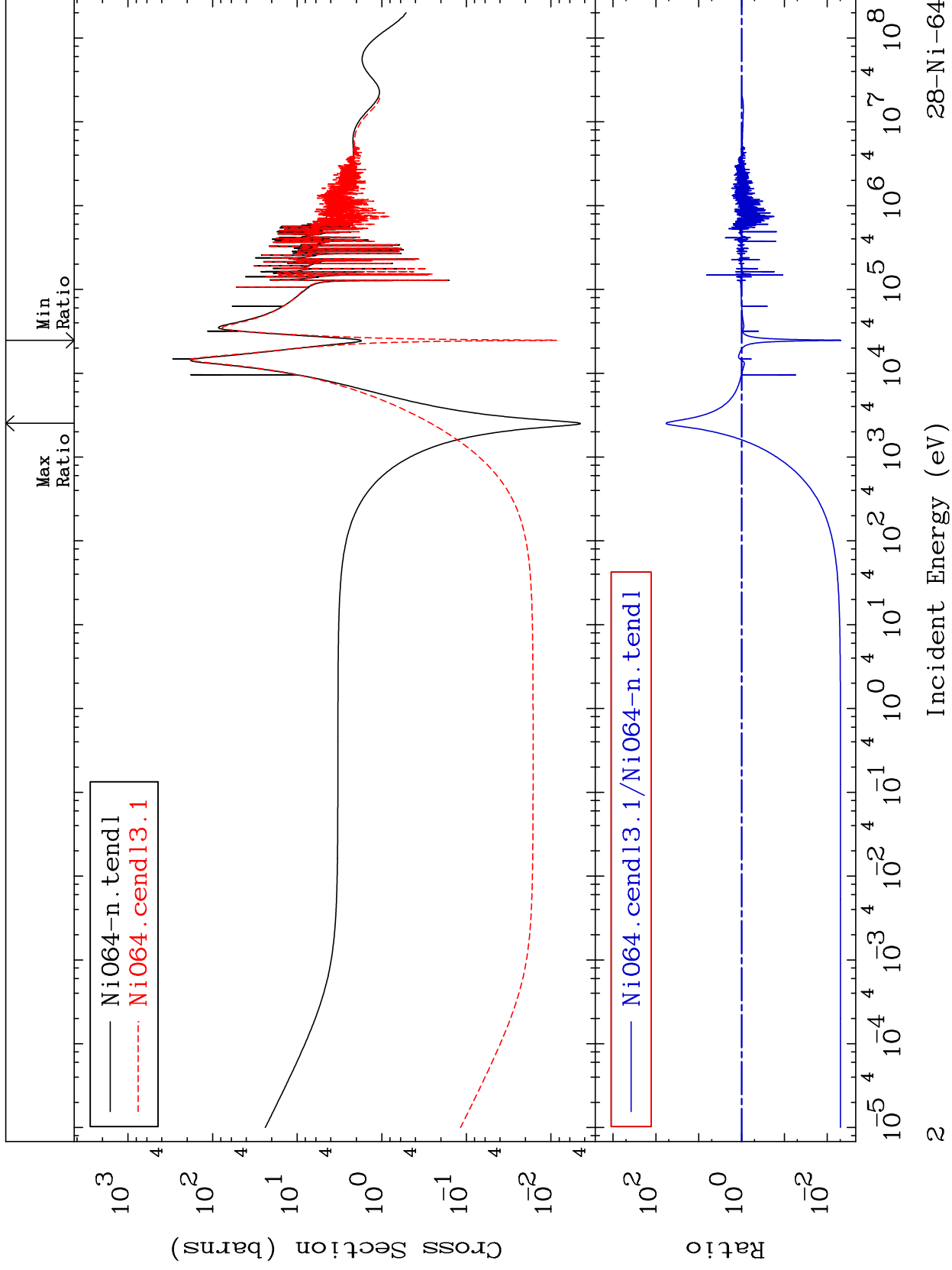


28-Ni-64

MAT 2843

Elastic
Cross Section

28-Ni-64
-99.52 To 5718. %



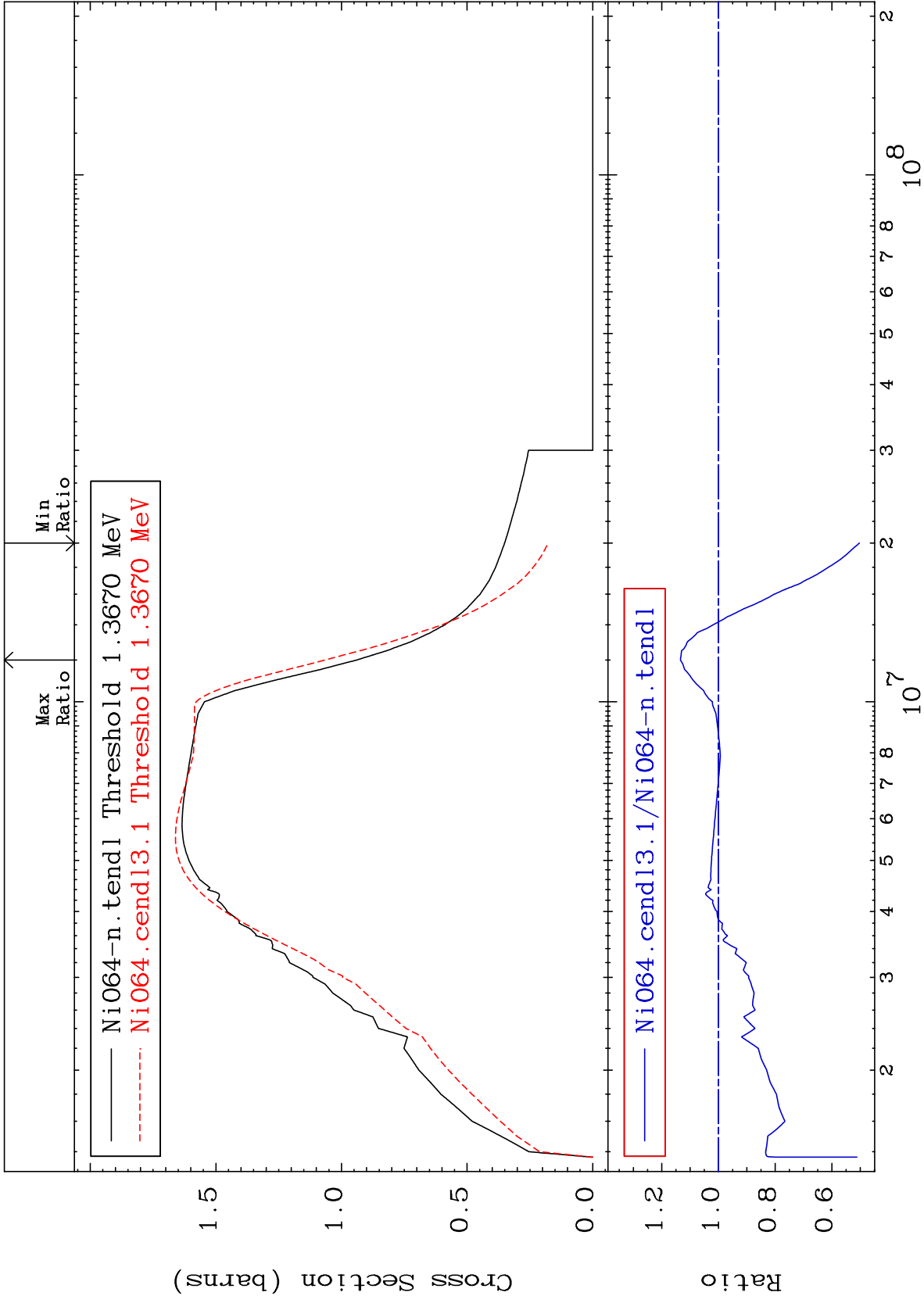
28-Ni-64

MAT 2843

²⁸Ni-64

-49.70 To 13.45 %

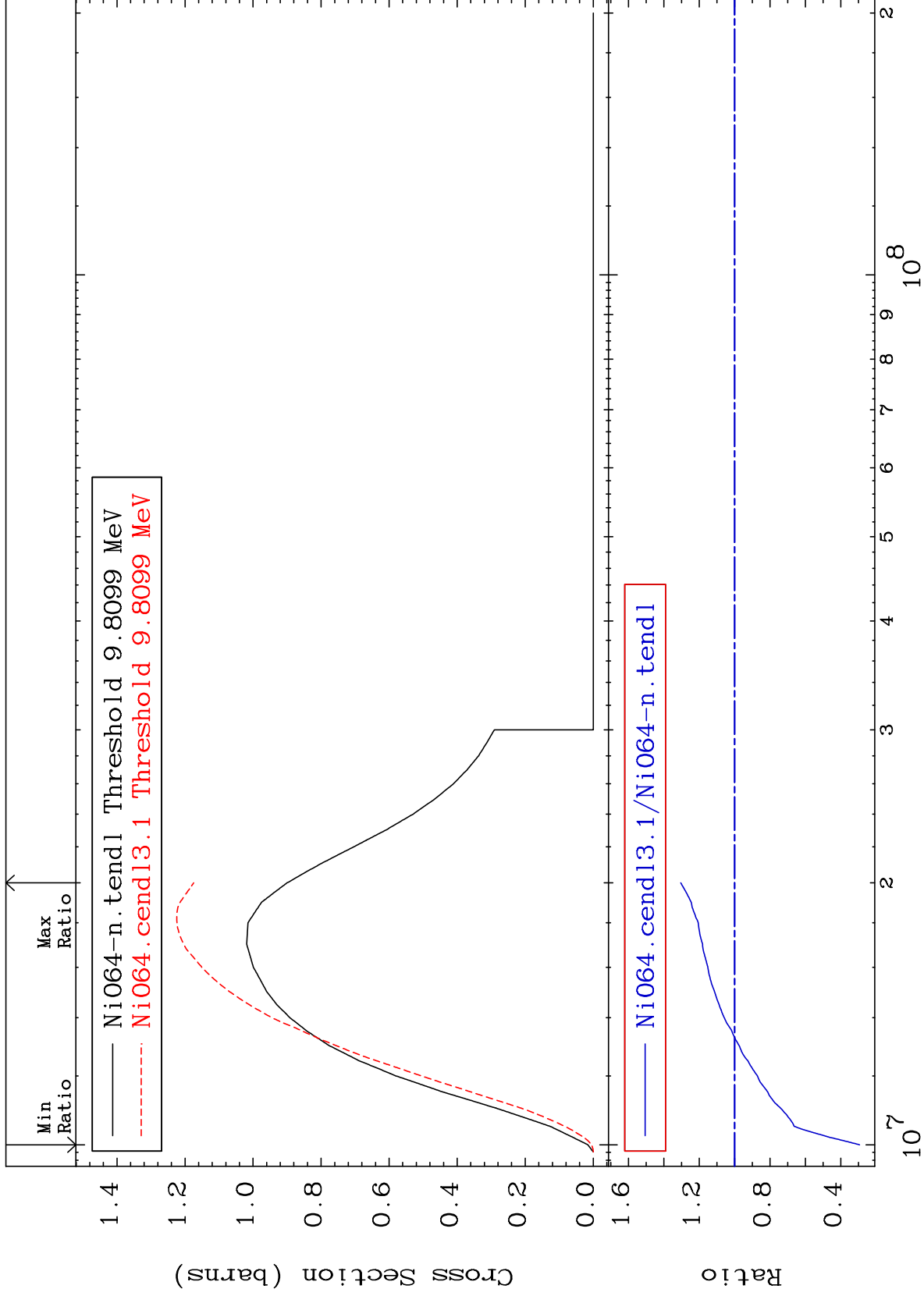
Inelastic
Cross Section



MAT 2843

(n,2n)
Cross Section

28-Ni-64
-70.62 To 30.46 %



28-Ni-64

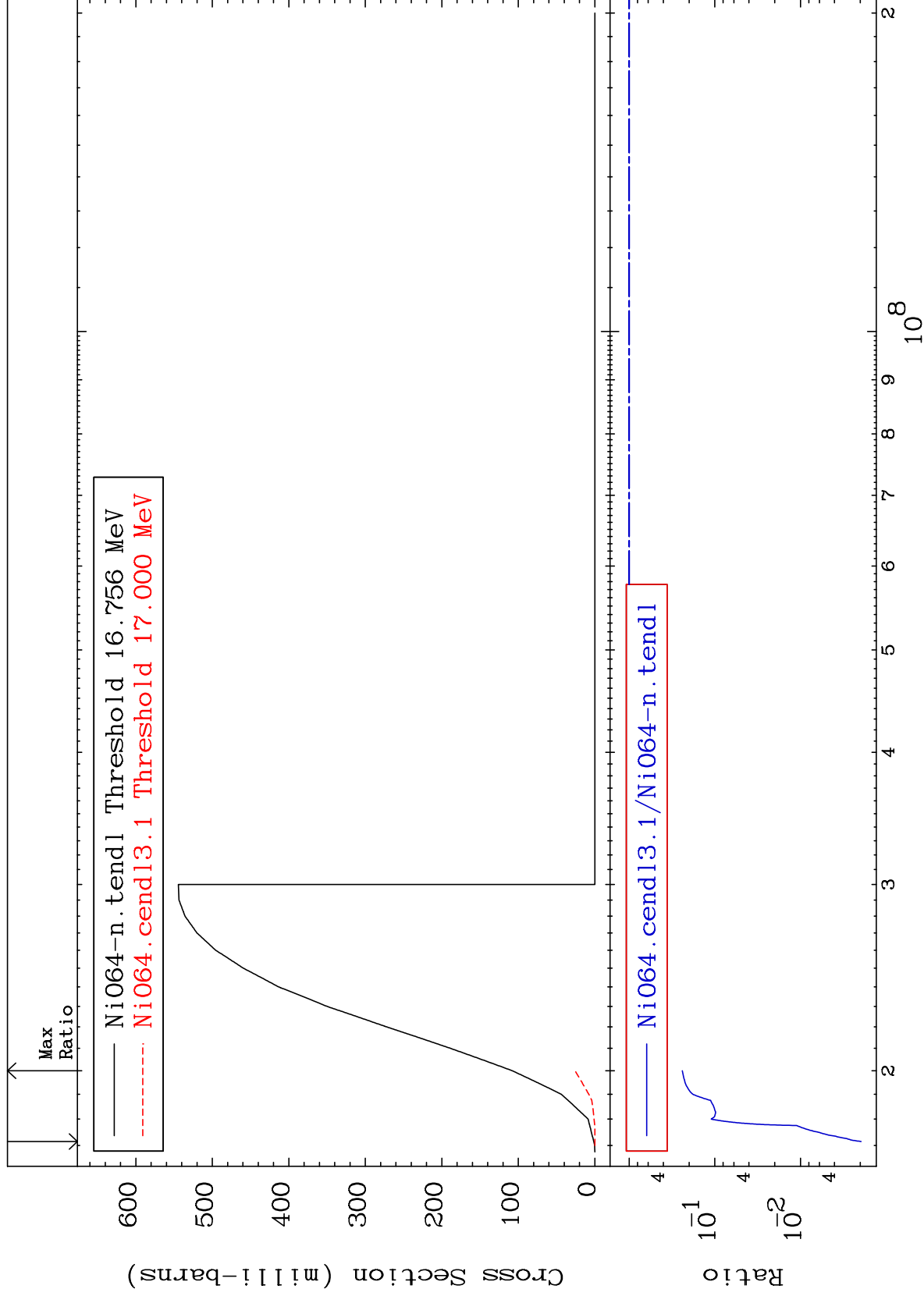
Incident Energy (eV)

4

MAT 2843

(n,3n)
Cross Section

28-Ni-64
-99.80 To -76.02%



5

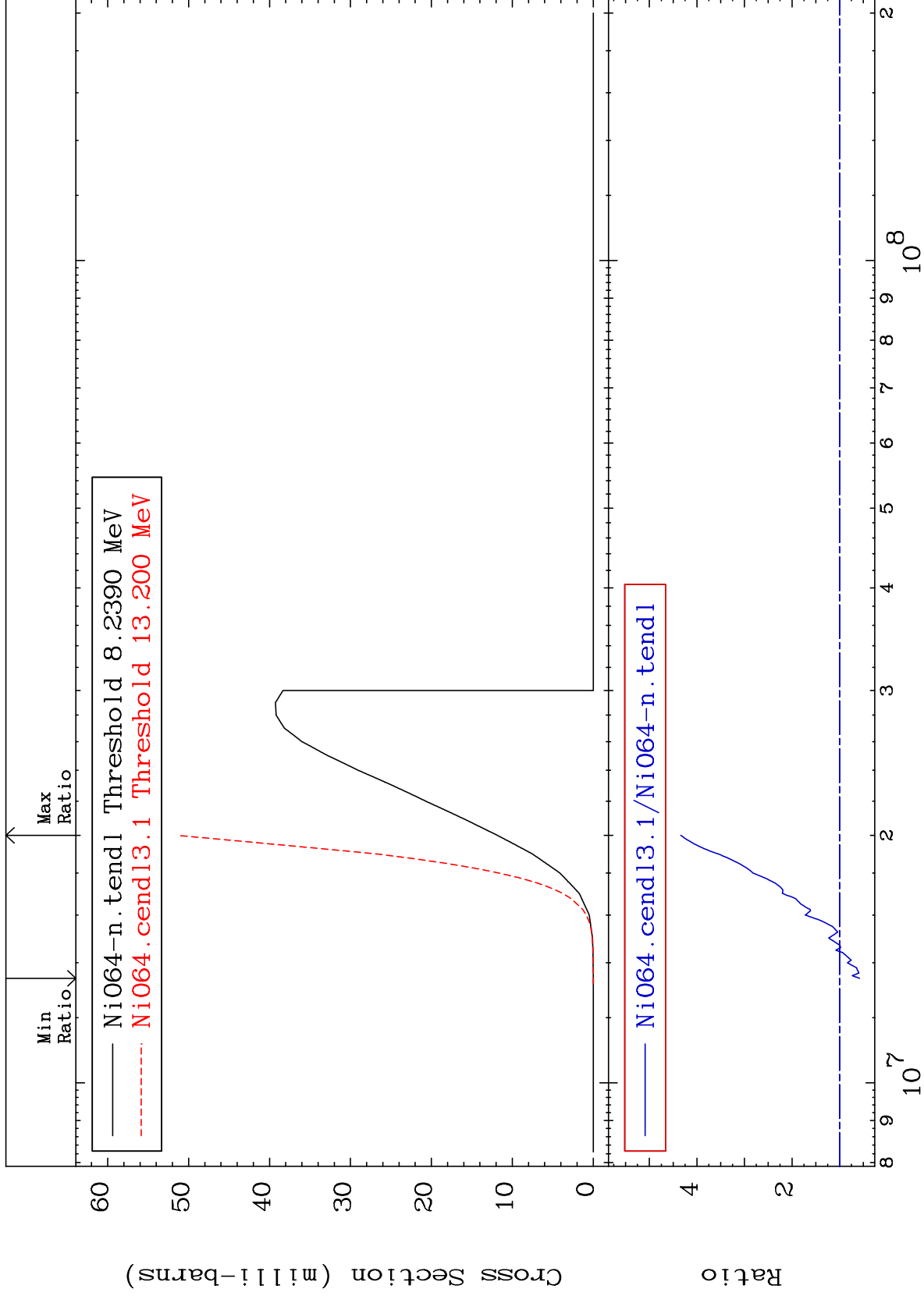
28-Ni-64

28-Ni-64

MAT 2843

(n, n') α
Cross Section

28-Ni-64
-42.11 To 334.0 %



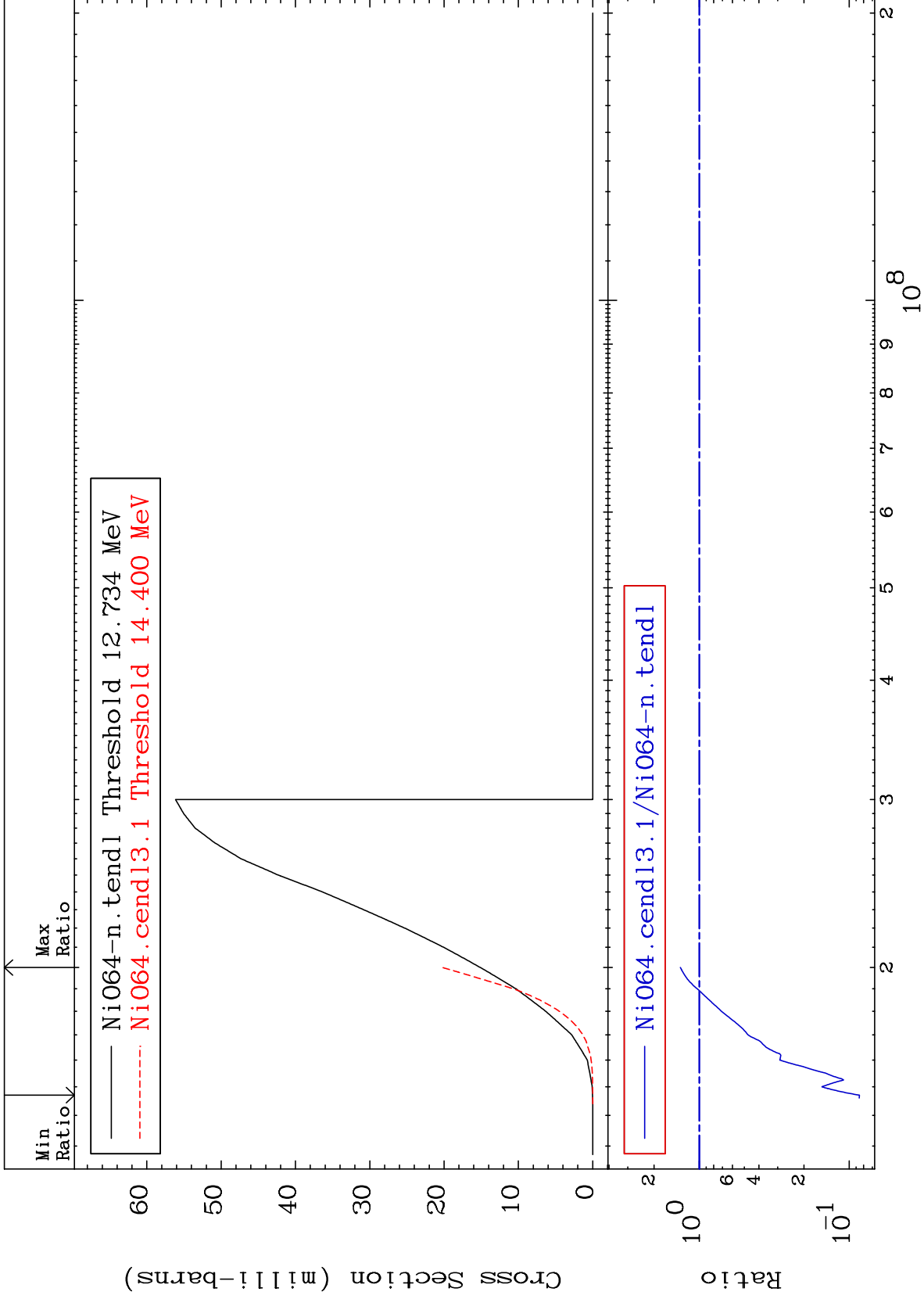
28-Ni-64

28-Ni-64

MAT 2843

(n,n') p
Cross Section

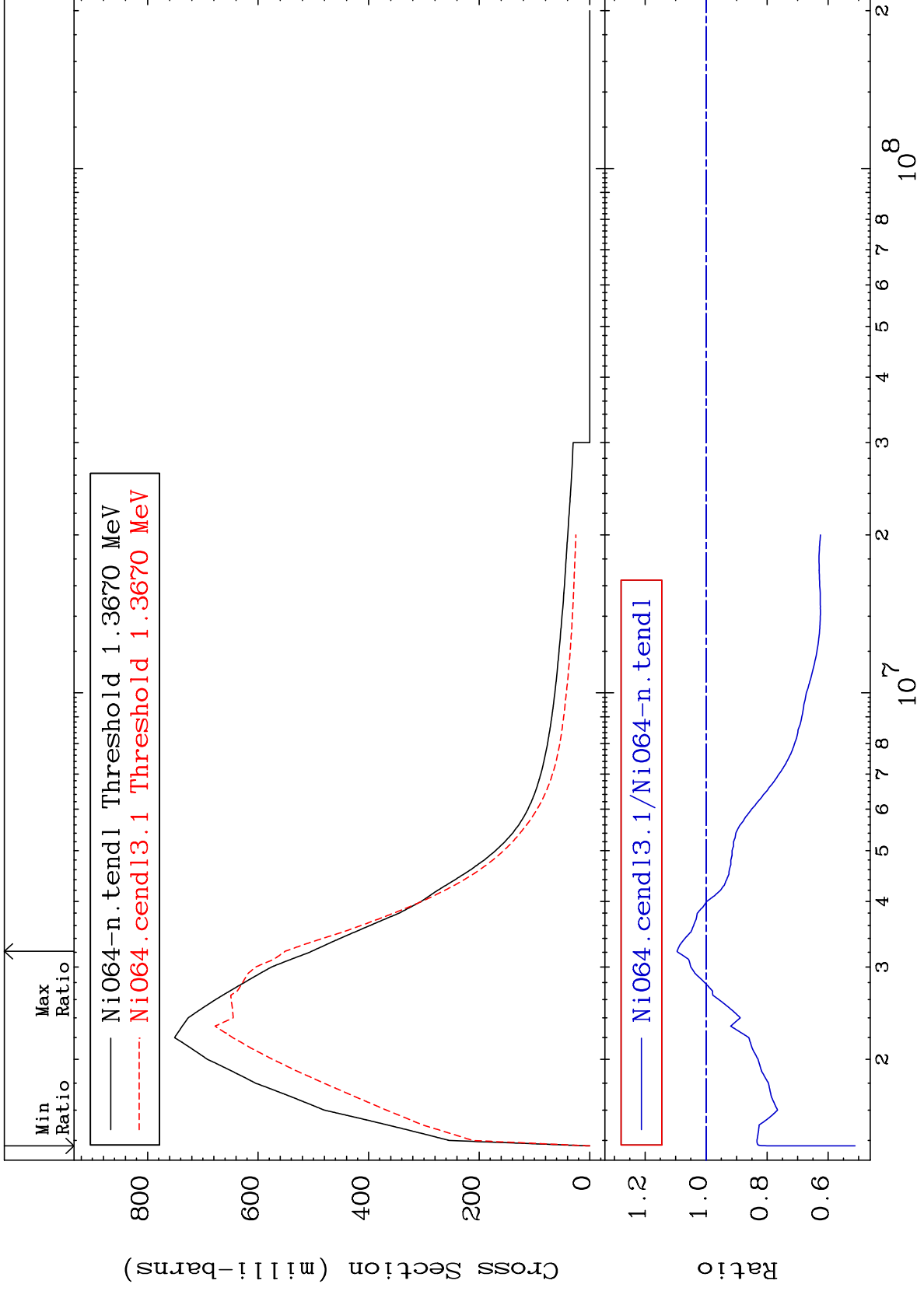
28-Ni-64
-91.46 To 33.59 %



MAT 2843

1.346 MeV (n,n') Level
Cross Section

28-Ni-64
-48.82 To 9.557 %



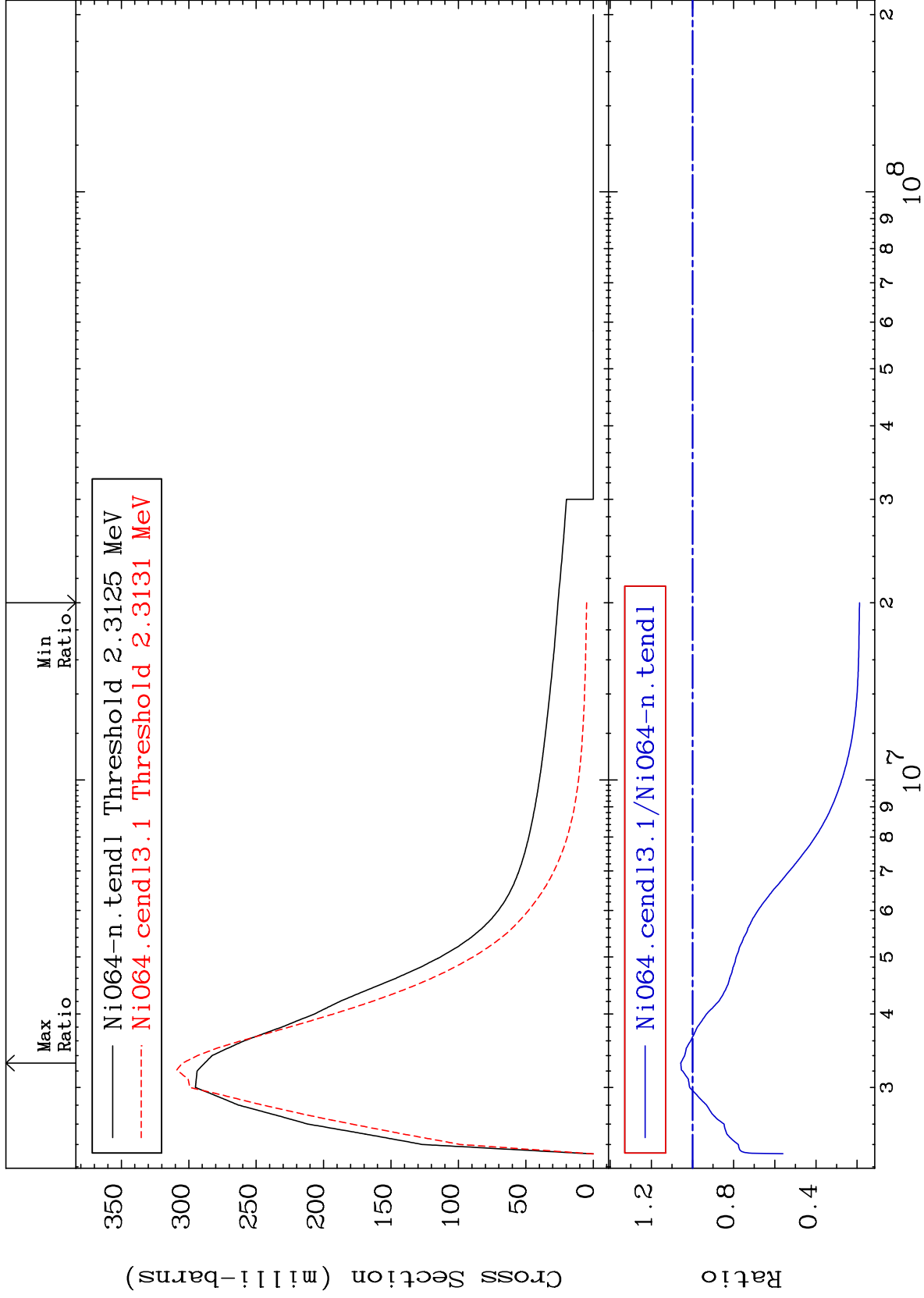
MAT 2843

2.277 MeV (n,n') Level

28-Ni-64

-81.18 To 5.707 %

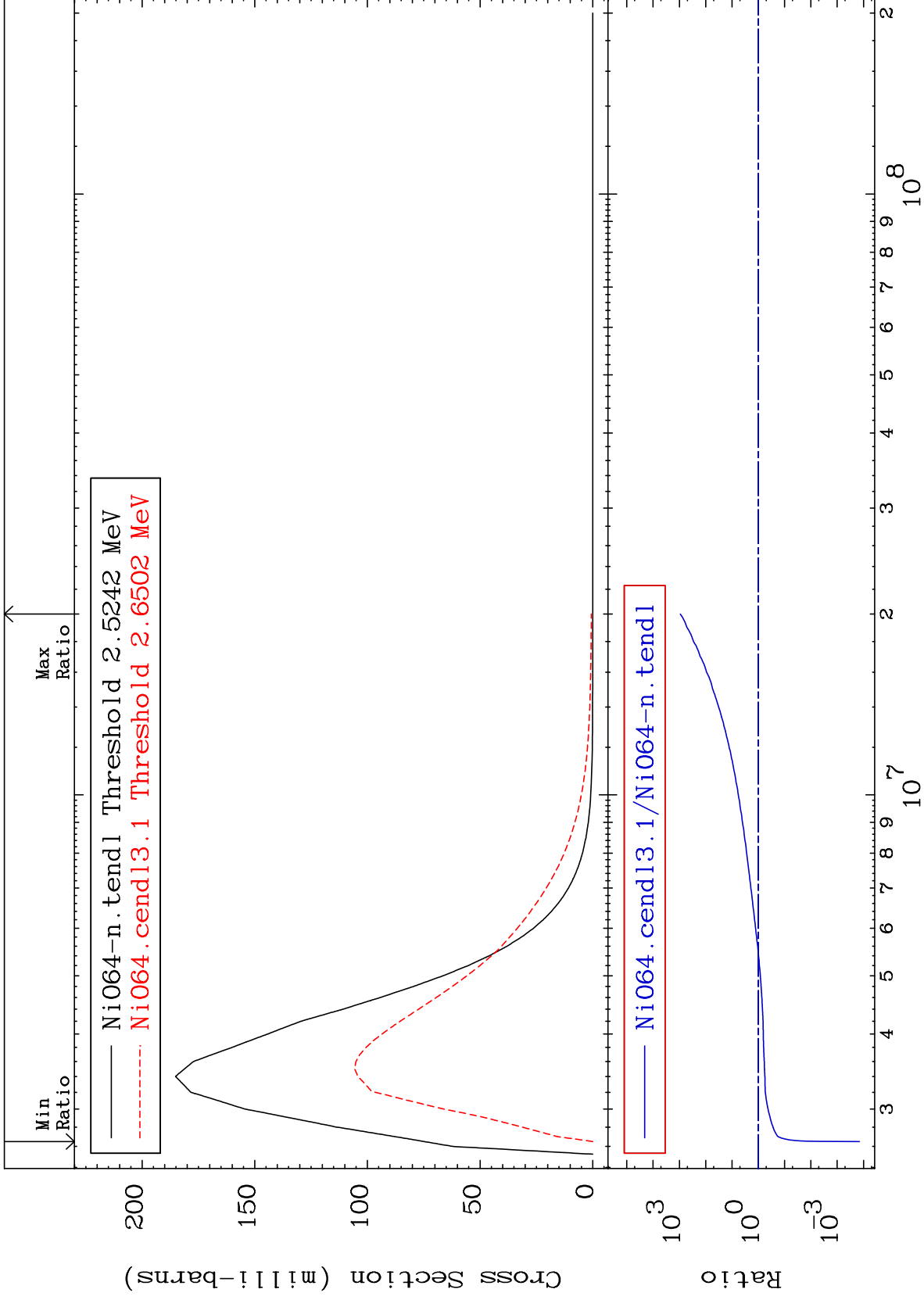
Cross Section



MAT 2843

2.485 MeV (n,n') Level
Cross Section

28-Ni-64
-99.99 To 9999. %



10

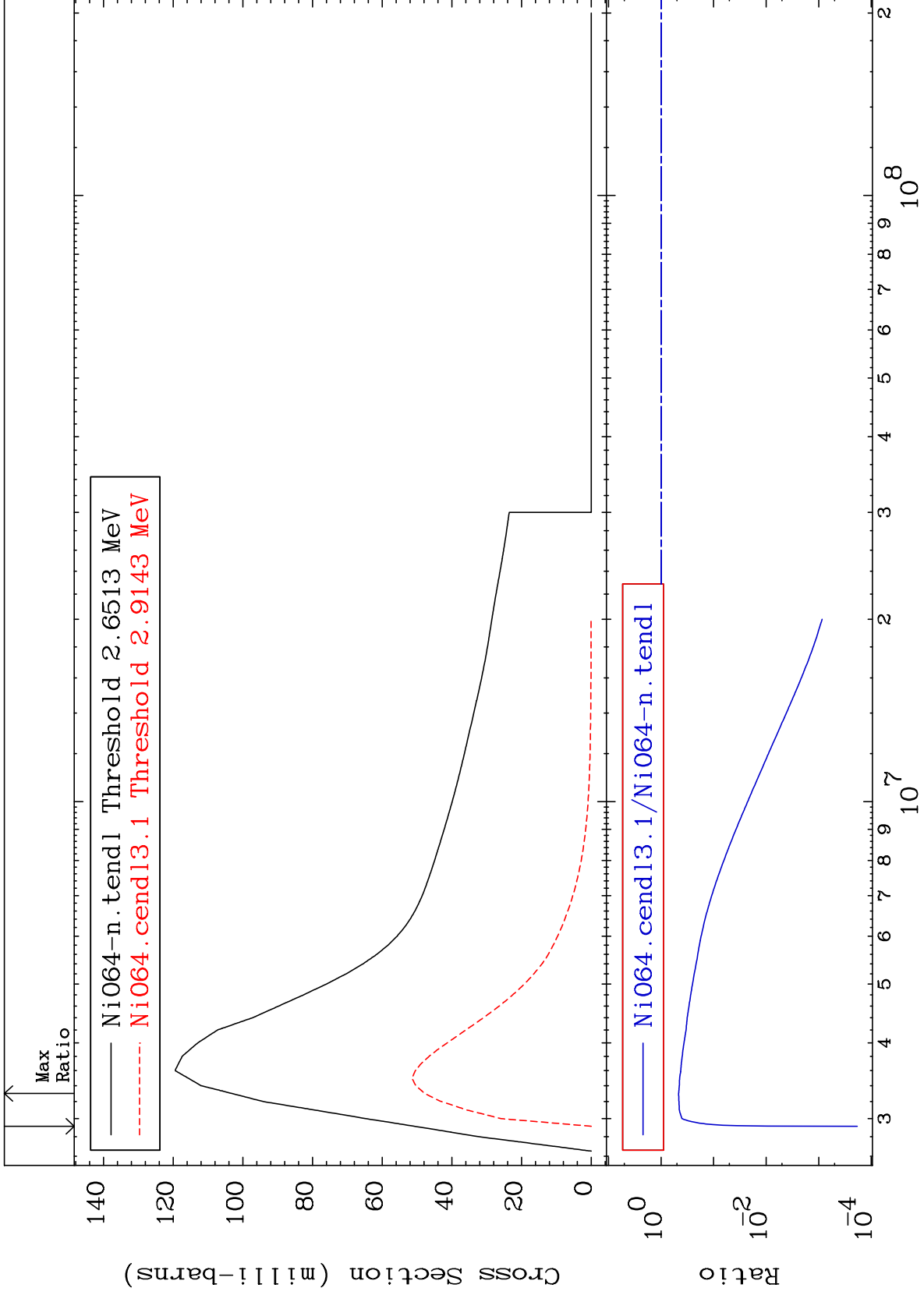
Incident Energy (eV)

28-Ni-64

MAT 2843

2.610 MeV (n,n') Level
Cross Section

28-Ni-64
-99.98 To -53.66%



11

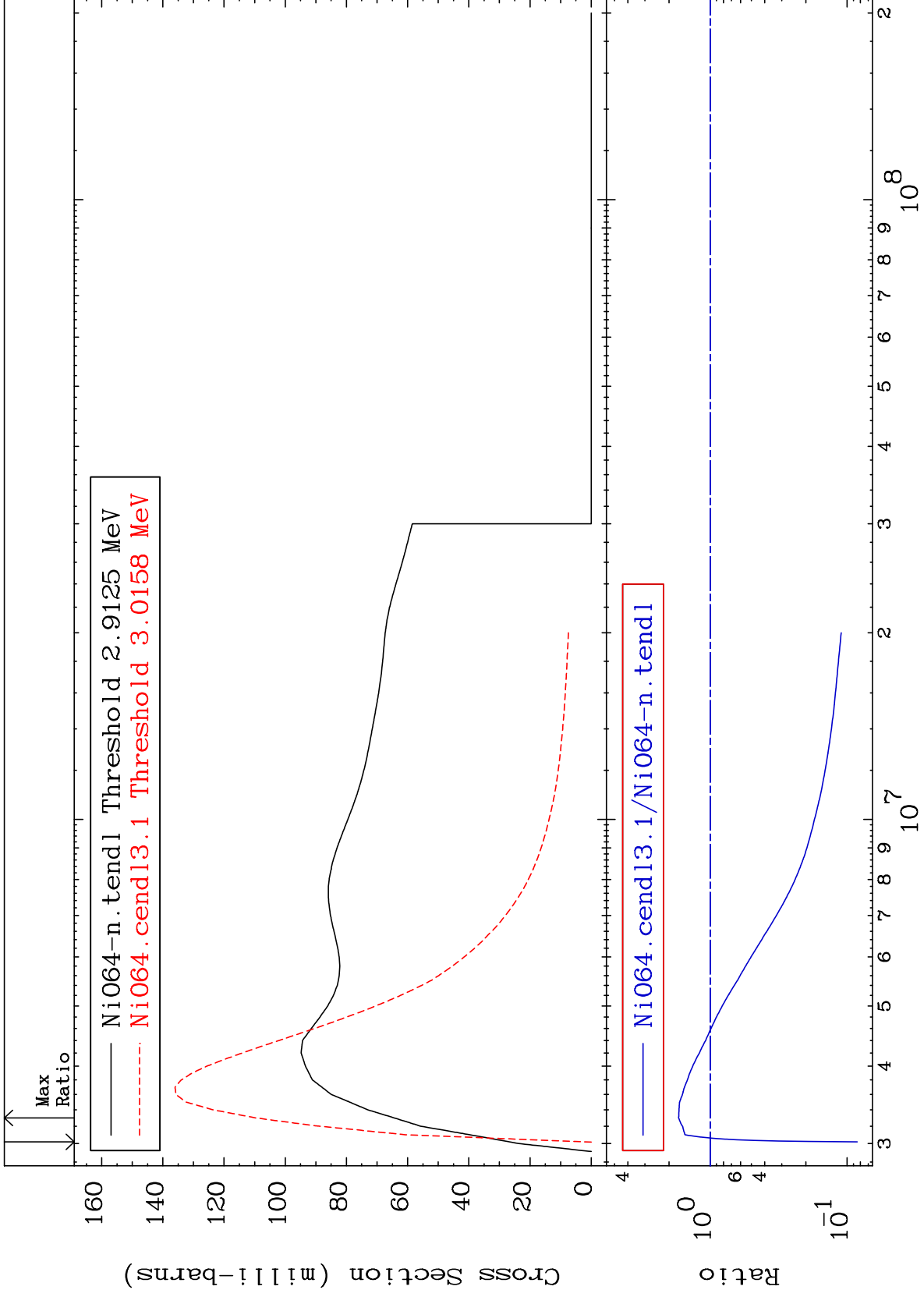
Incident Energy (eV)

28-Ni-64

MAT 2843

2.867 MeV (n,n') Level
Cross Section

28-Ni-64
-91.56 To 70.27 %



12

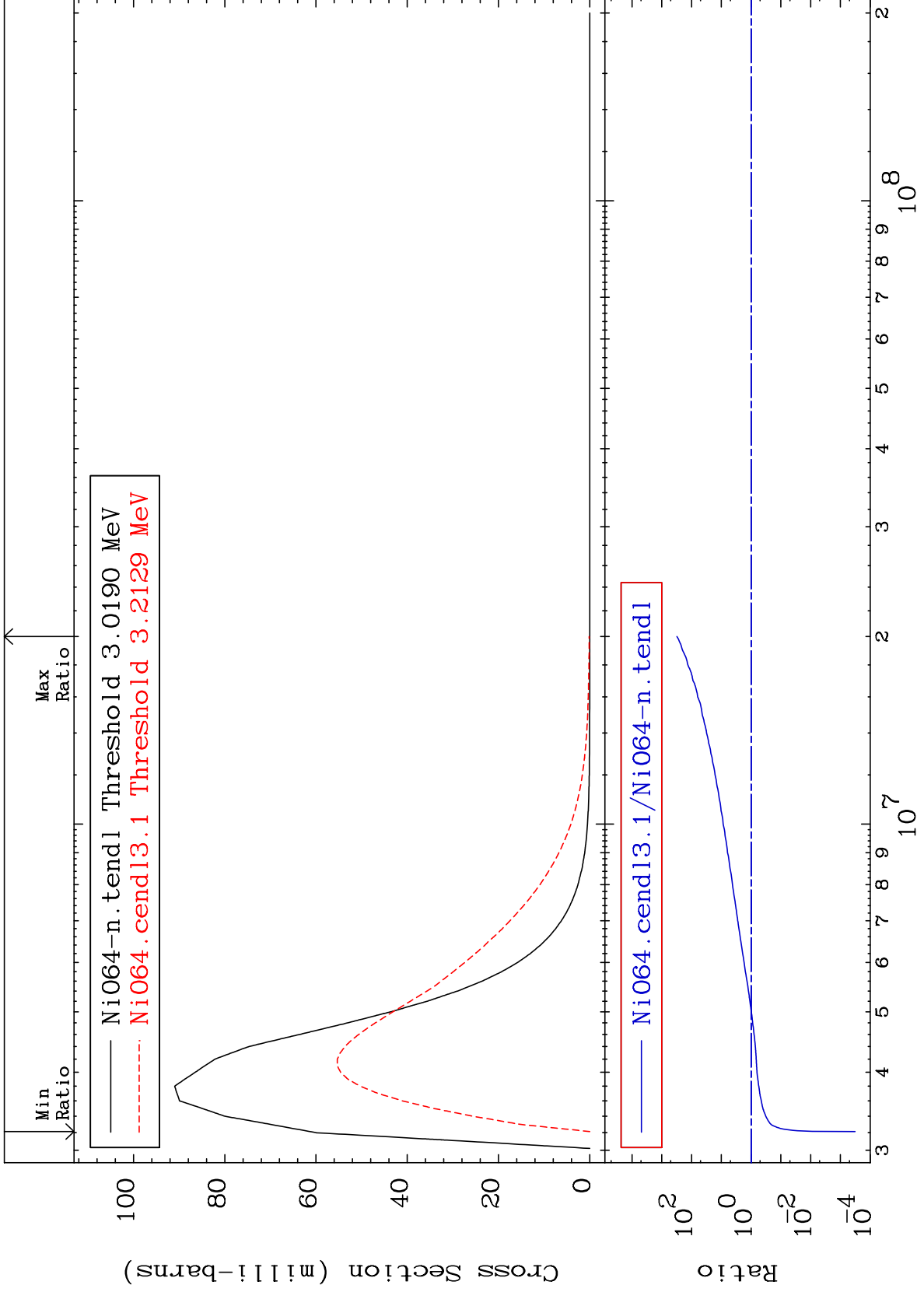
Incident Energy (eV)

28-Ni-64

MAT 2843

2.972 MeV (n,n') Level
Cross Section

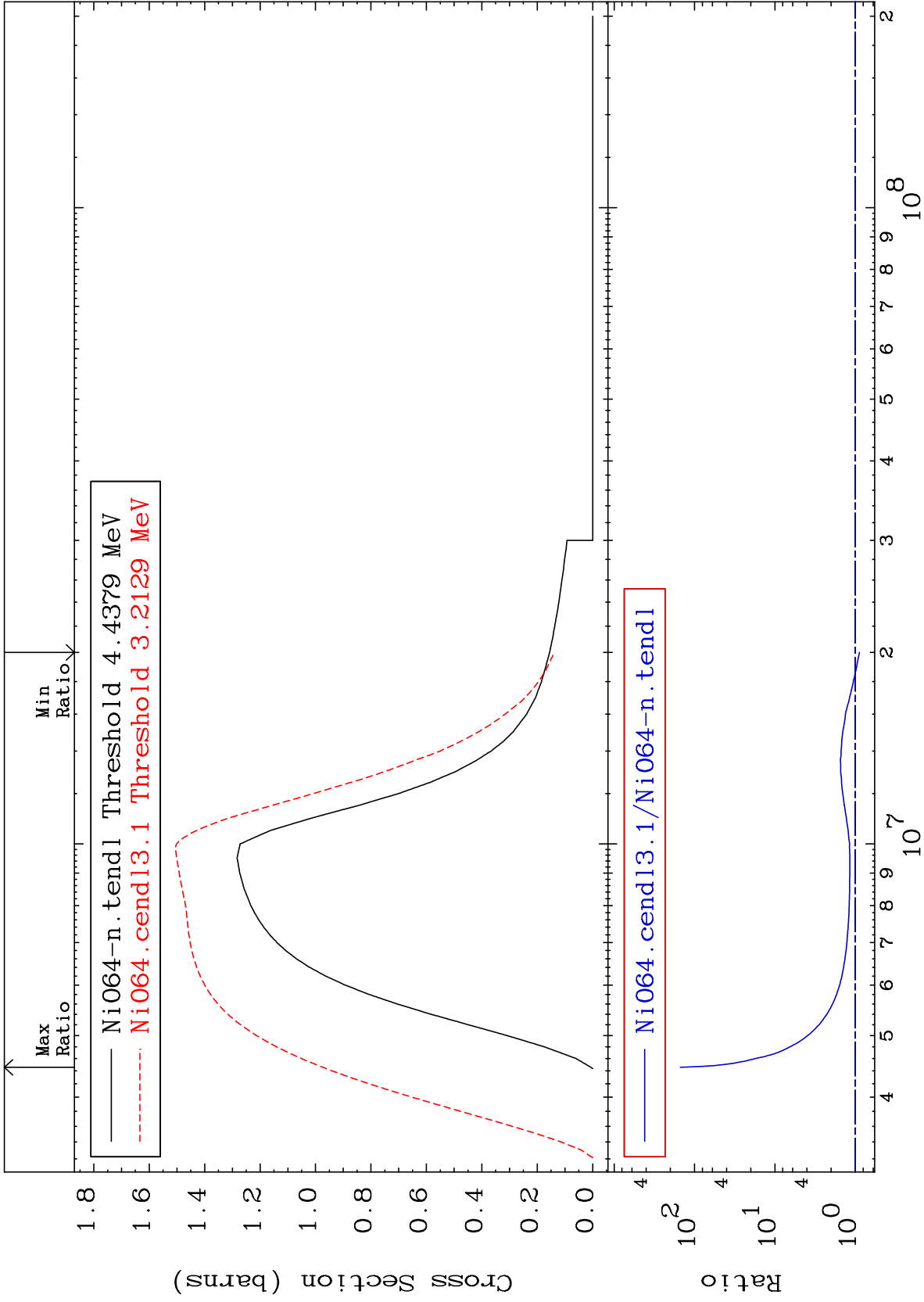
28-Ni-64
-99.97 To 9999. %



MAT 2843

(n, n') Continuum
Cross Section

28-Ni-64
-11.11 To 9999. %



14

Incident Energy (eV)

28-Ni-64

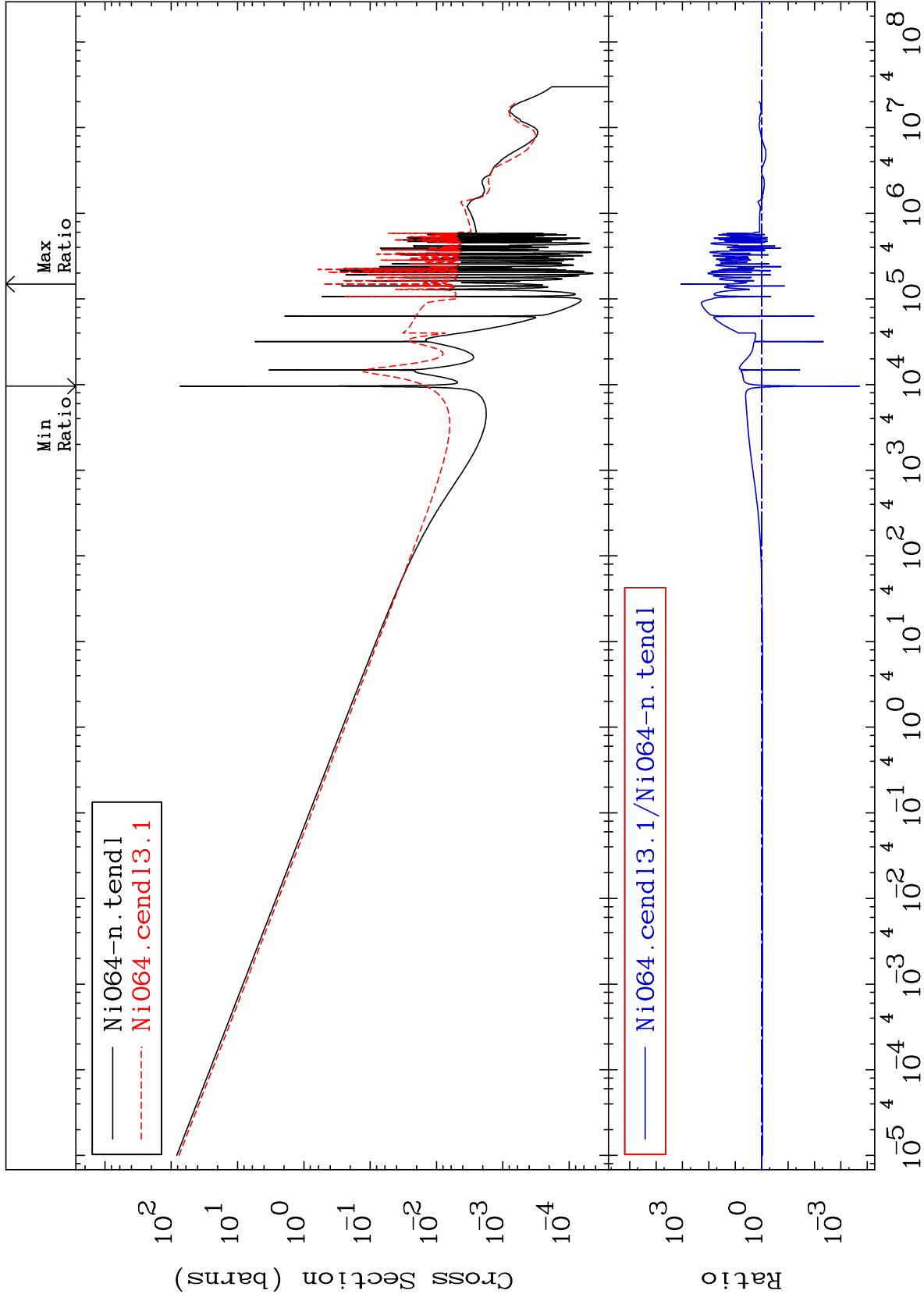
MAT 2843

(n, γ)

28-Ni-64

Cross Section

-99.98 To 9999. %



15

Incident Energy (eV)

28-Ni-64

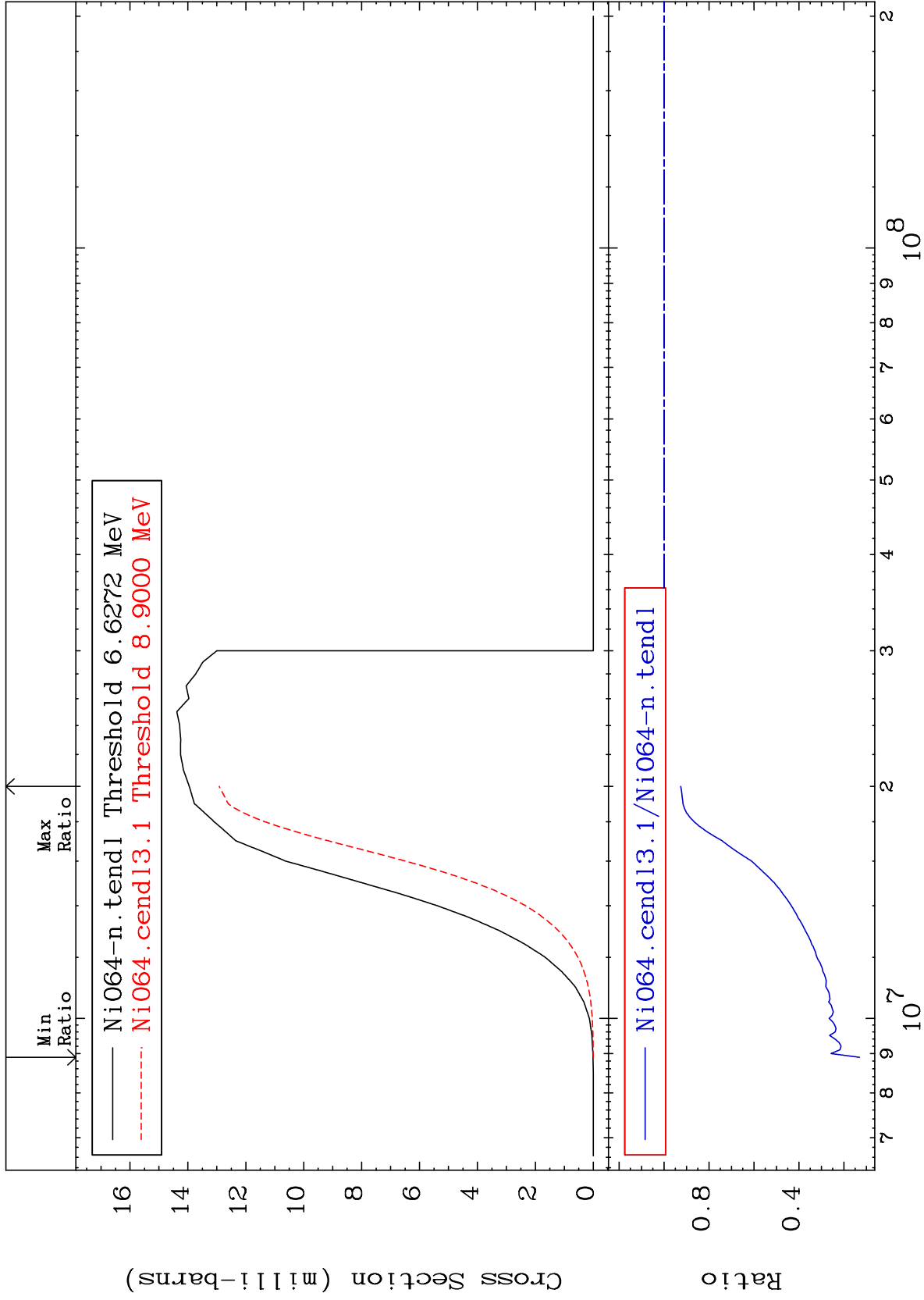
MAT 2843

(n,p)

28-Ni-64

Cross Section

-86.99 To -7.413%



16

Incident Energy (eV)

28-Ni-64

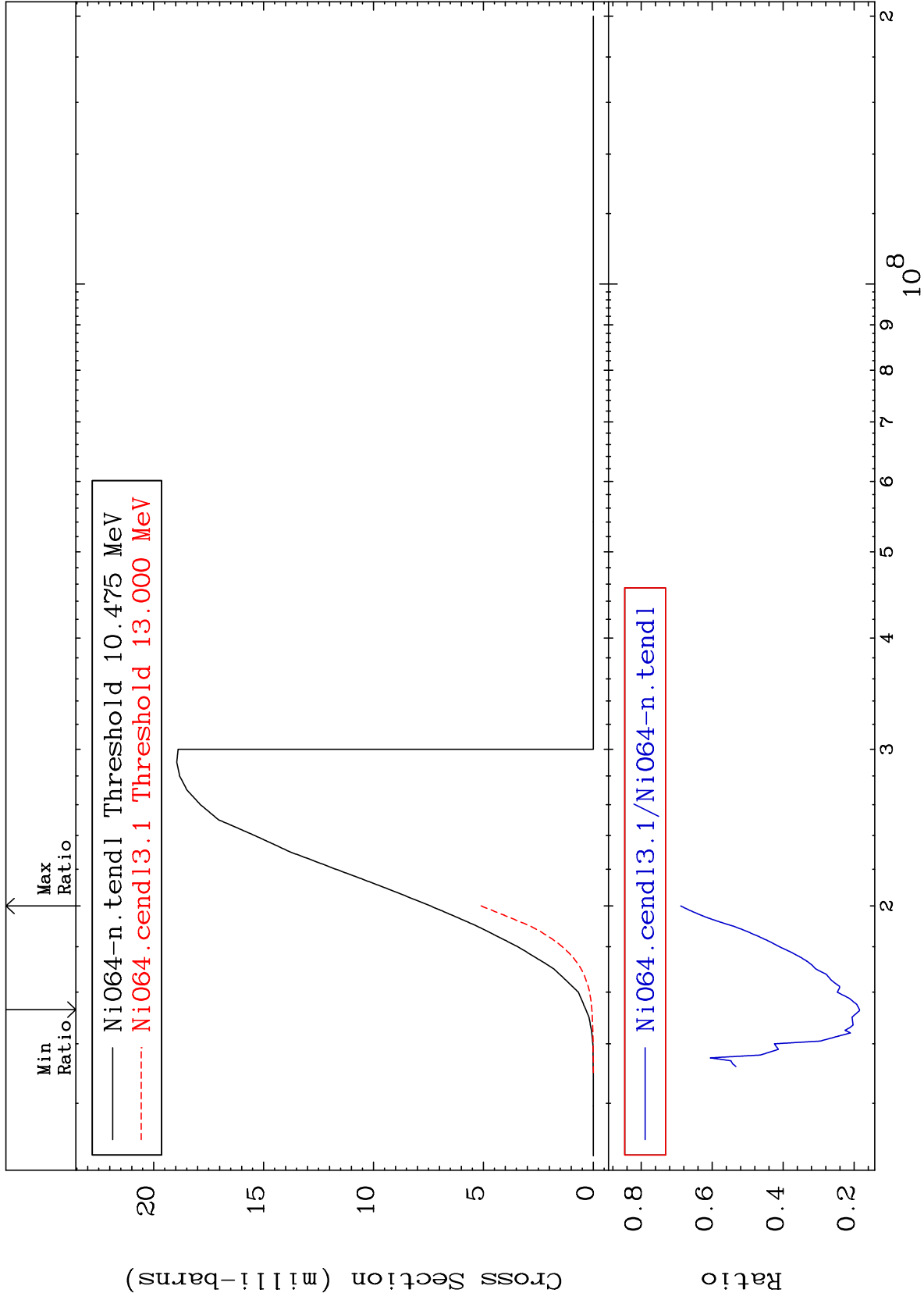
MAT 2843

(n, d)

28-Ni-64

Cross Section

-81.54 To -31.14%



17

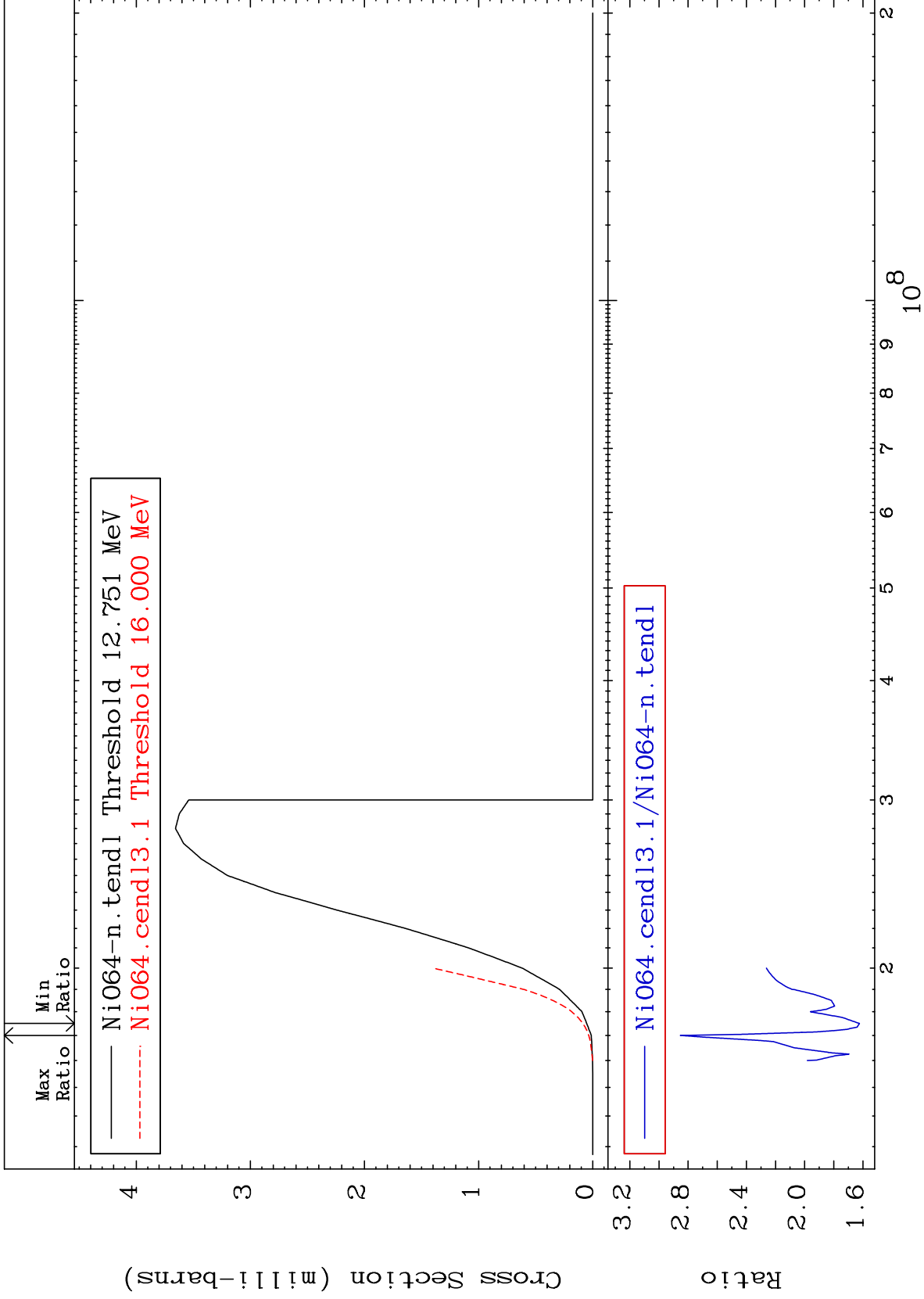
Incident Energy (eV)

28-Ni-64

MAT 2843

(n, t)
Cross Section

28-Ni-64
62.39 To 185.3 %

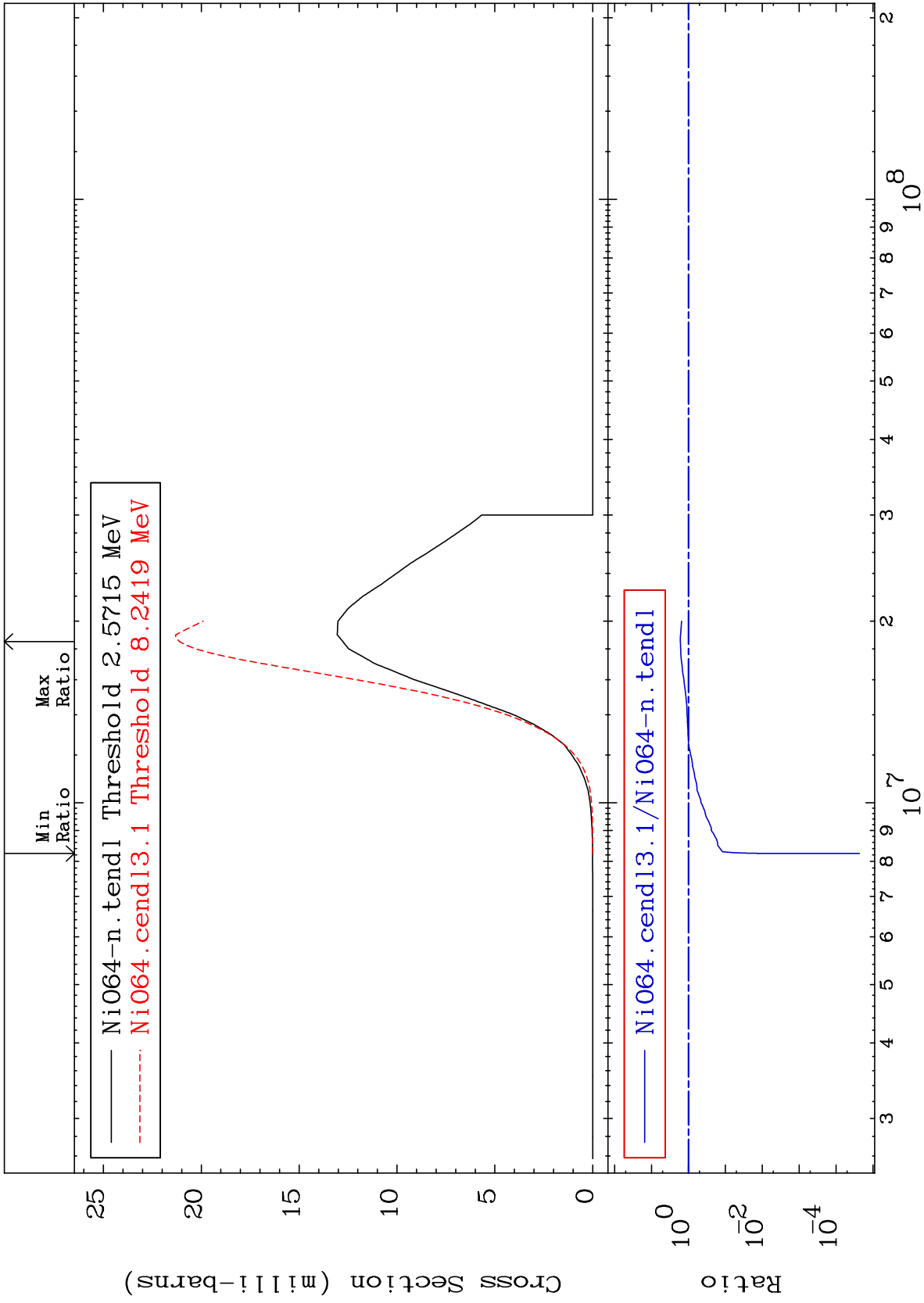


MAT 2843

28-Ni-64

-100.0 To 65.40 %

(n, α)
Cross Section



19

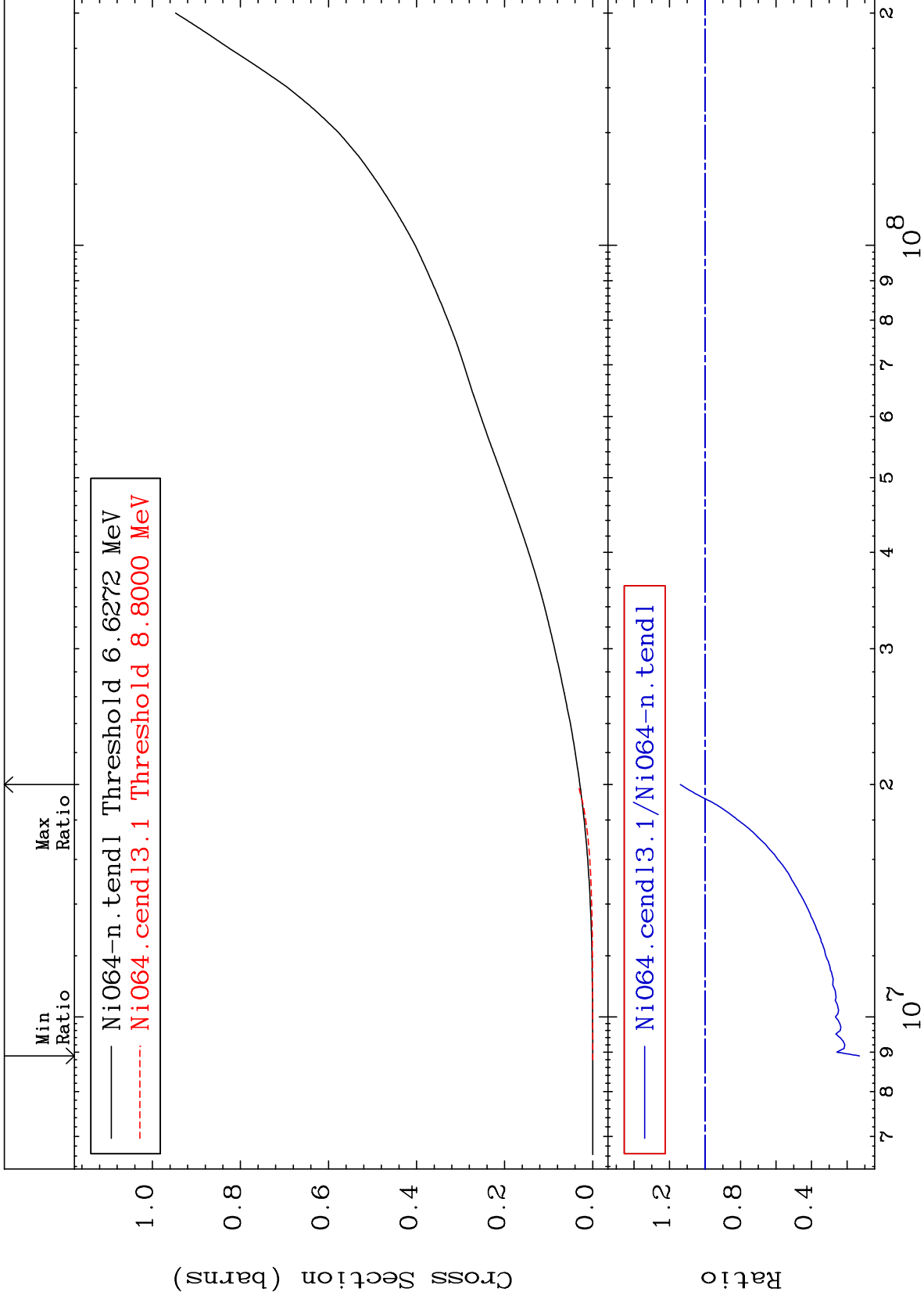
Incident Energy (eV)

28-Ni-64

MAT 2843

Hydrogen Production
Cross Section

²⁸Ni-64
-86.99 To 13.90 %



20

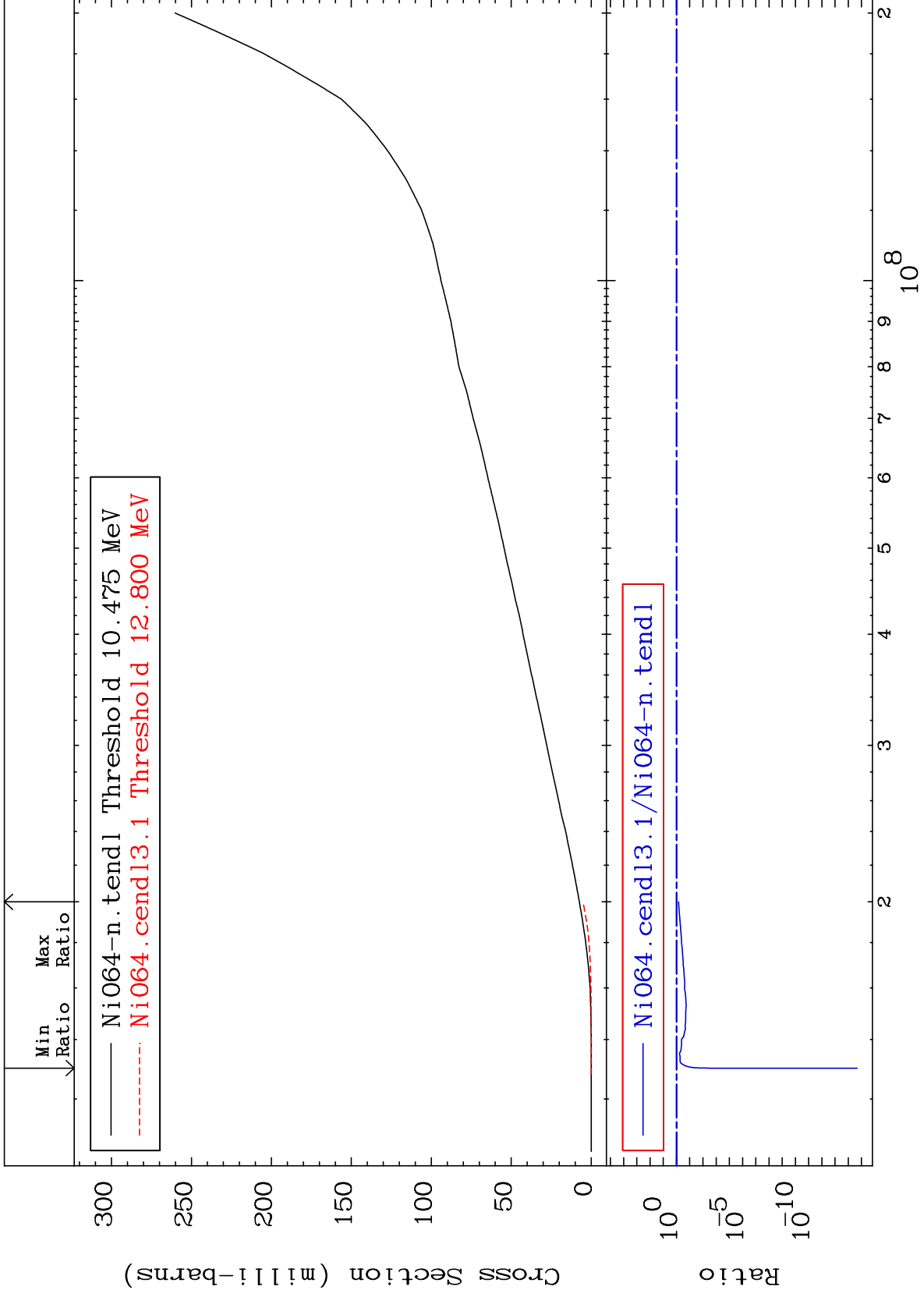
Incident Energy (eV)

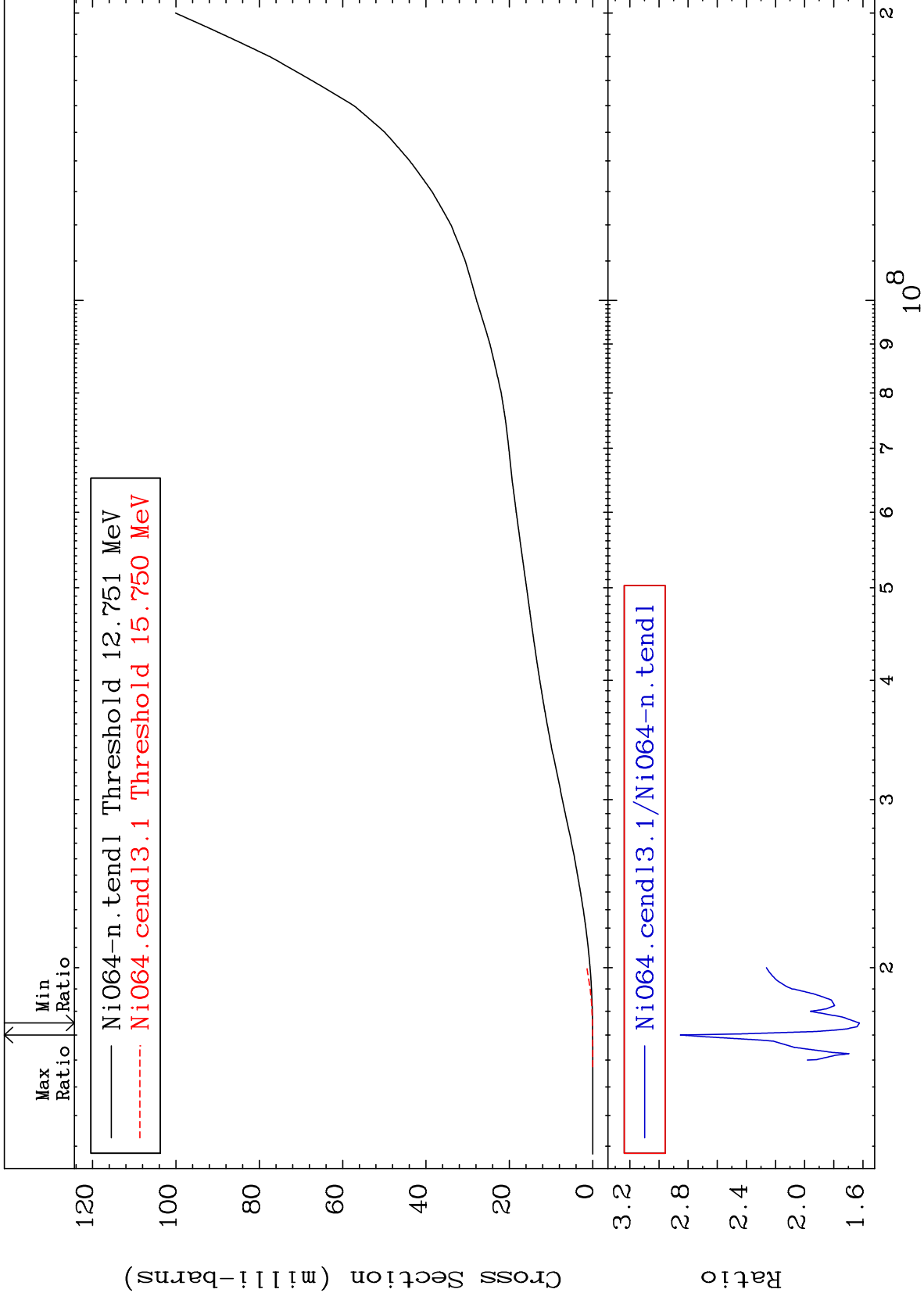
²⁸Ni-64

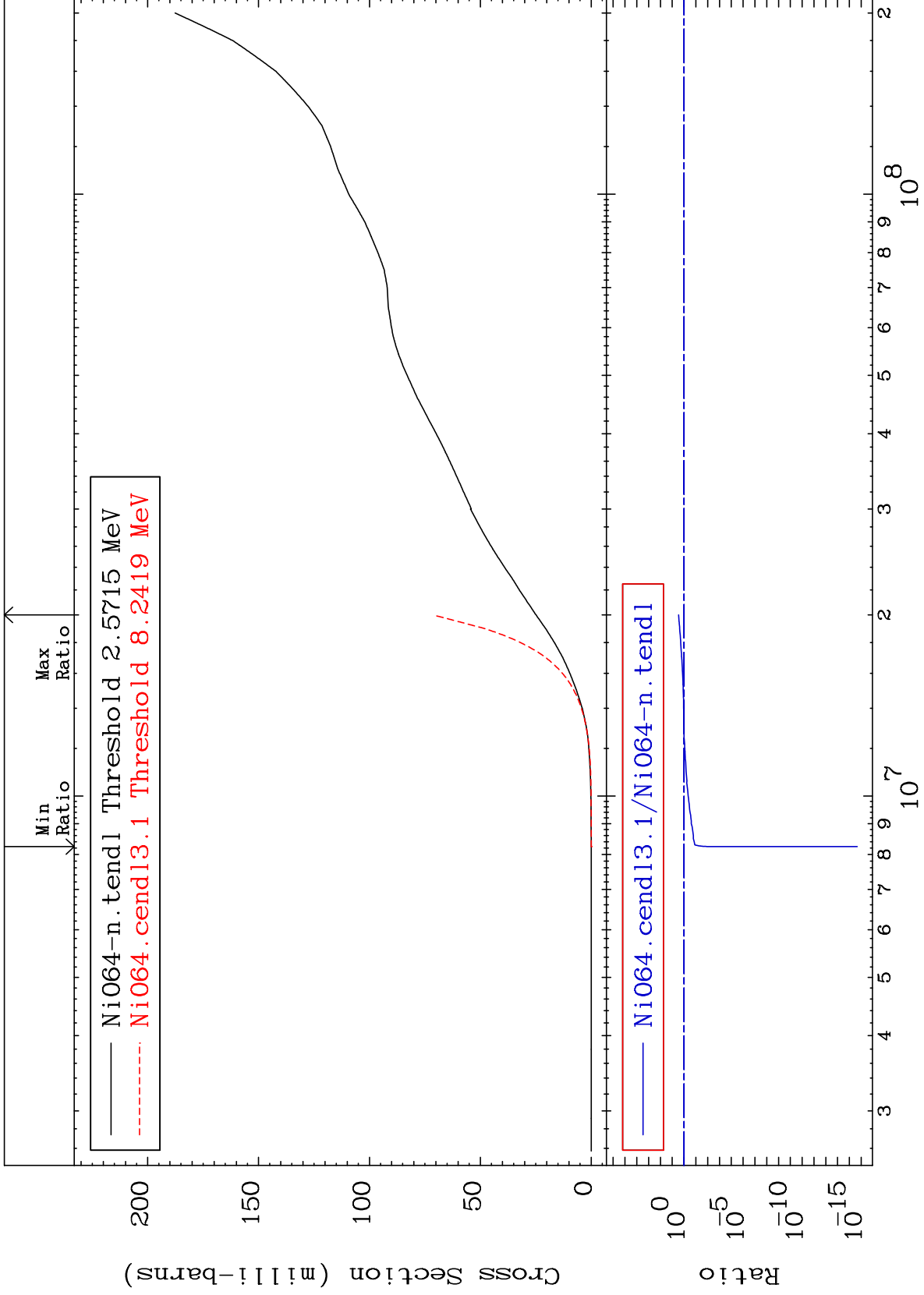
MAT 2843

Deuterium Production
Cross Section

$^{28}\text{Ni-64}$
-100.0 To -31.14%



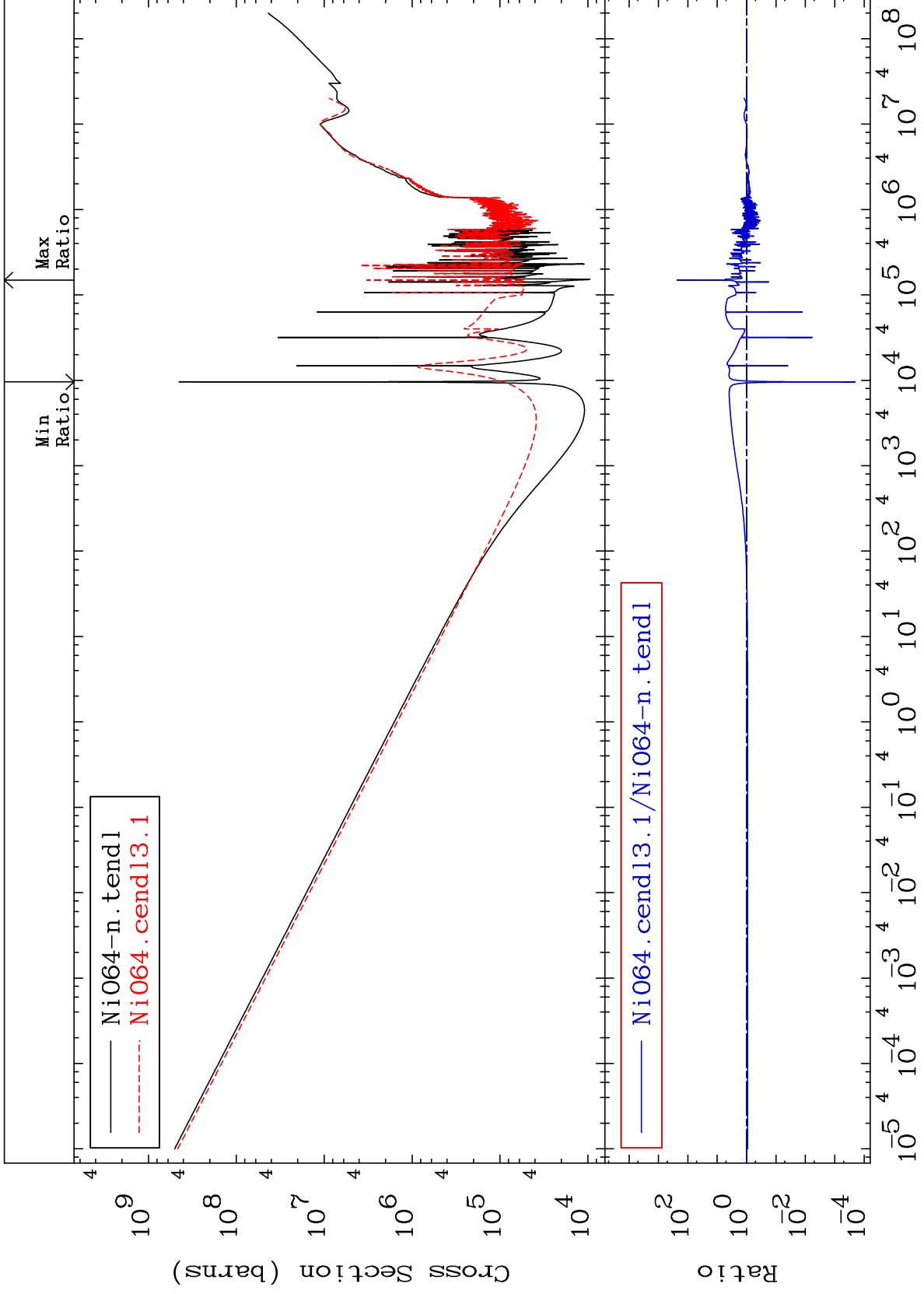




MAT 2843

Kerma total (eV-barns)
Cross Section

28-Ni-64
-99.98 To 9999. %



24

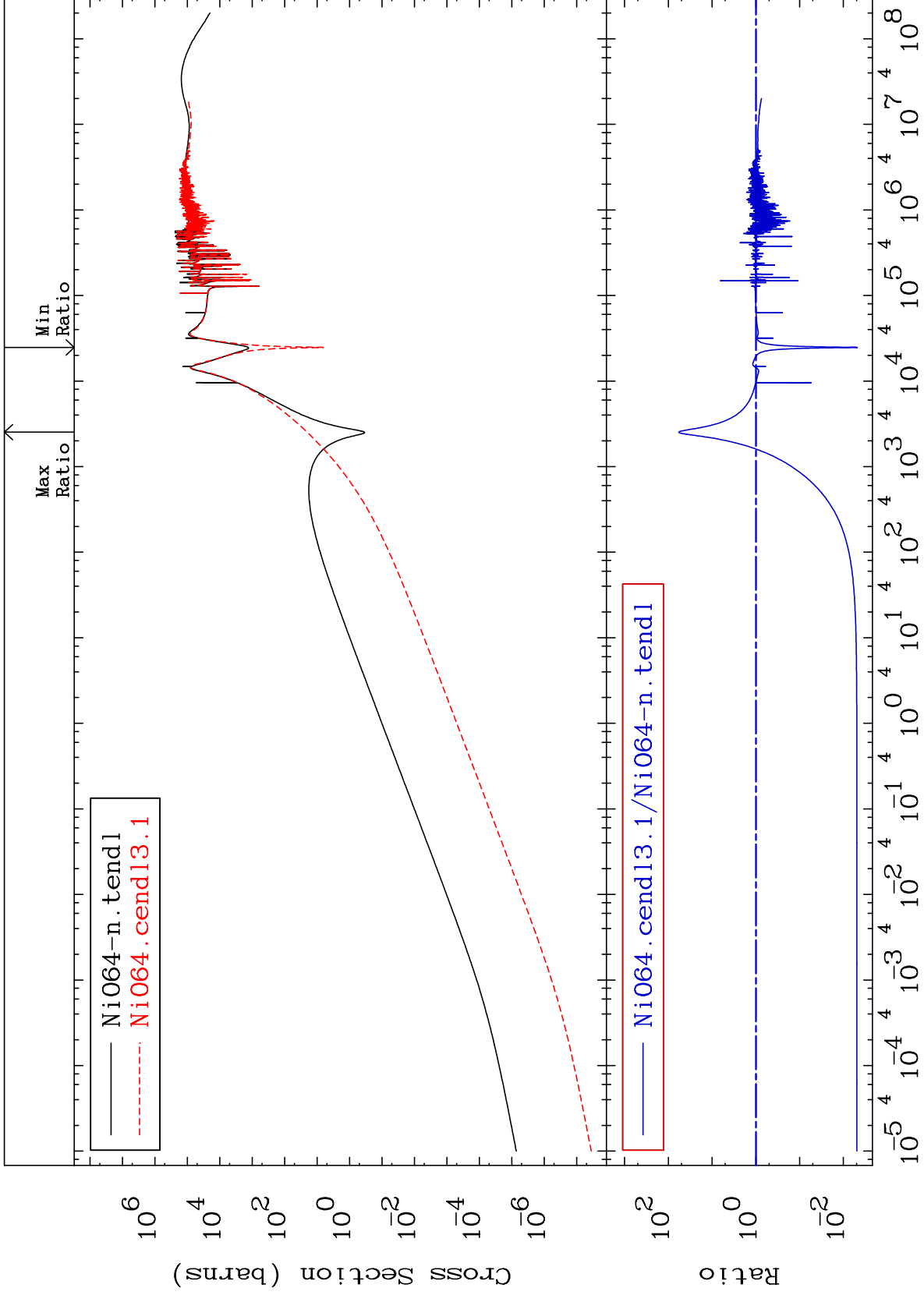
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma elastic
Cross Section

28-Ni-64
-99.52 To 5720. %



25

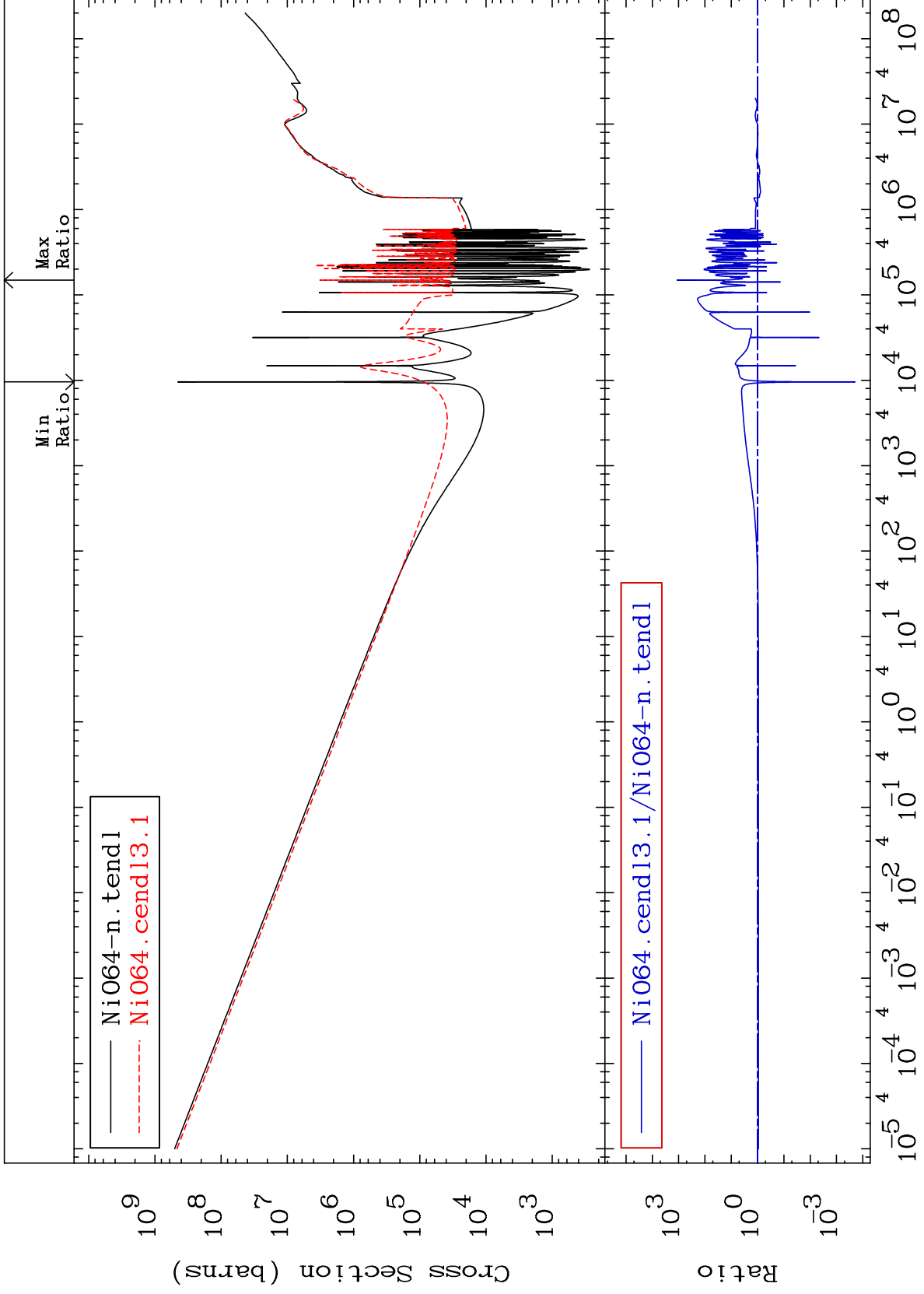
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma non-elastic (all but mt2)
Cross Section

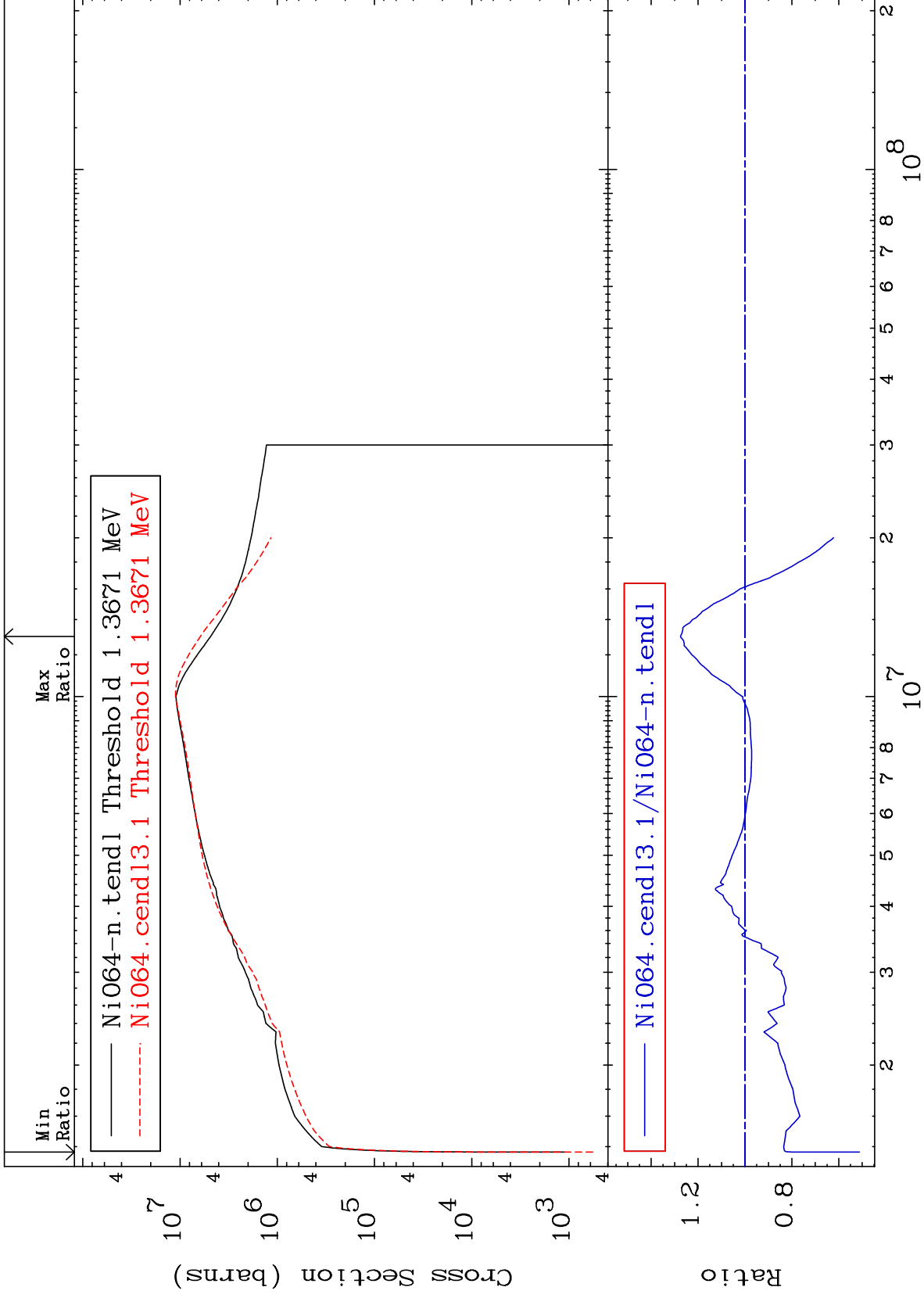
28-Ni-64
-99.98 To 9999. %



26

Incident Energy (eV)

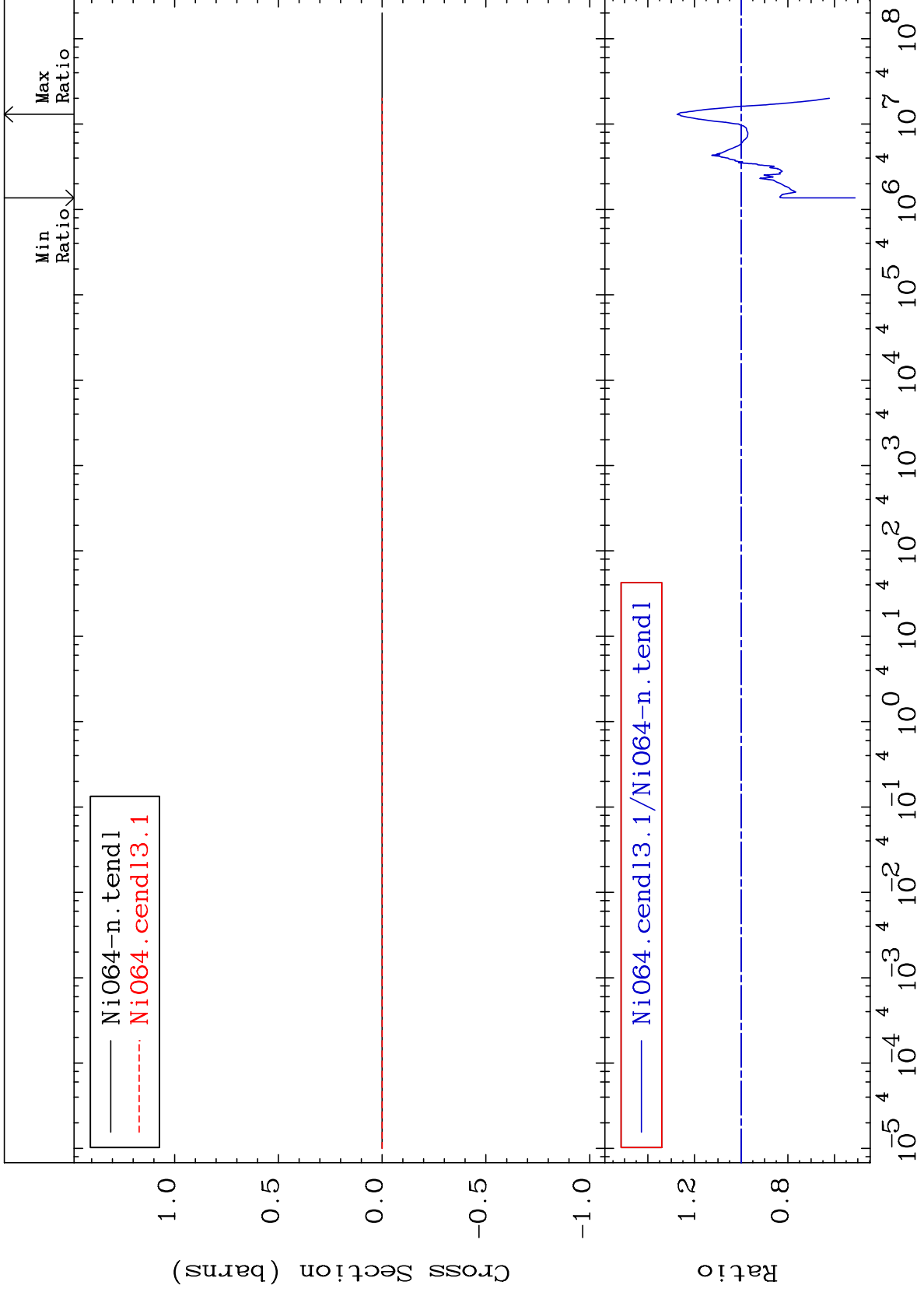
28-Ni-64



MAT 2843

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

28-Ni-64
-48.81 To 27.56 %



28

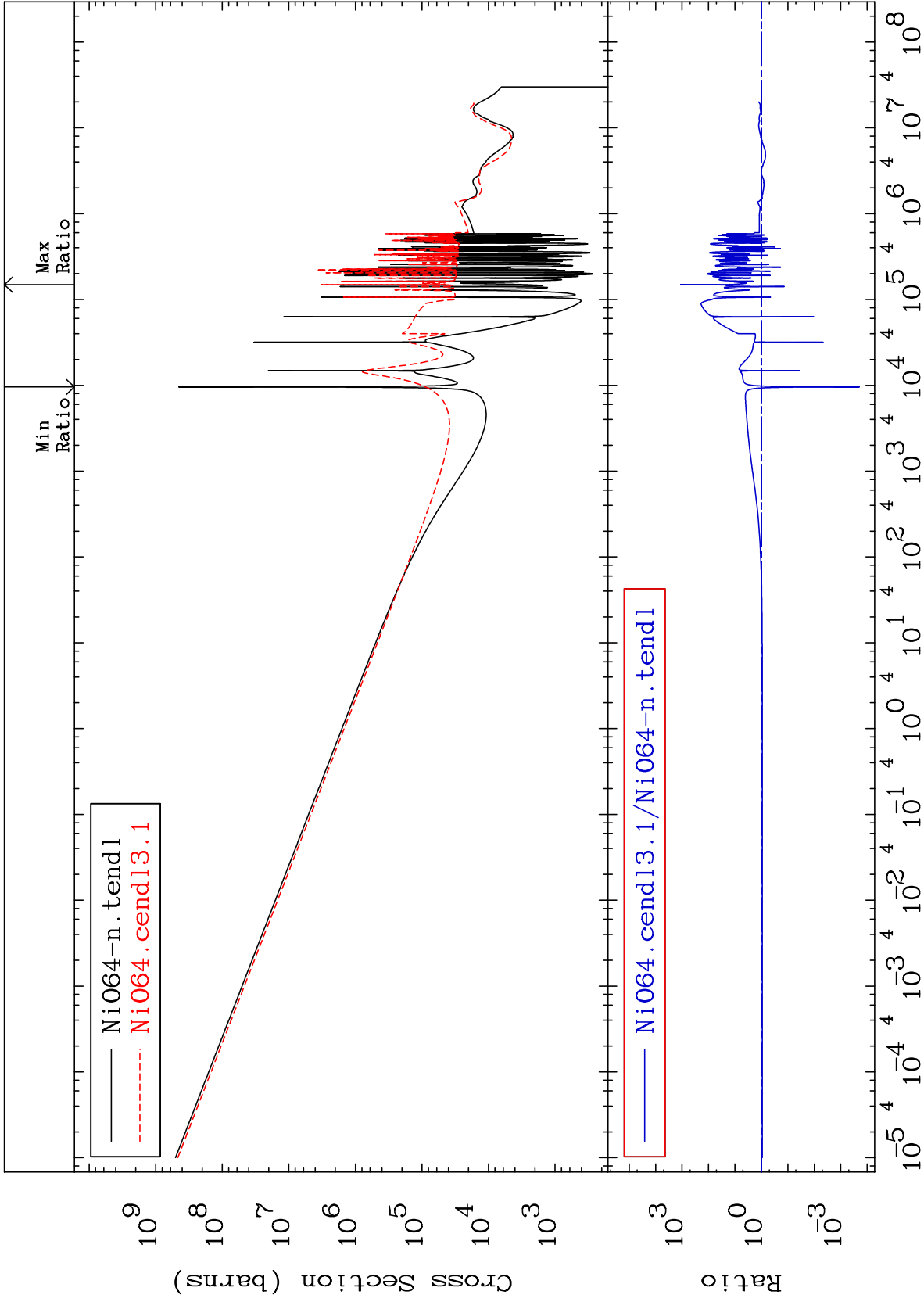
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma capture (mt102)
Cross Section

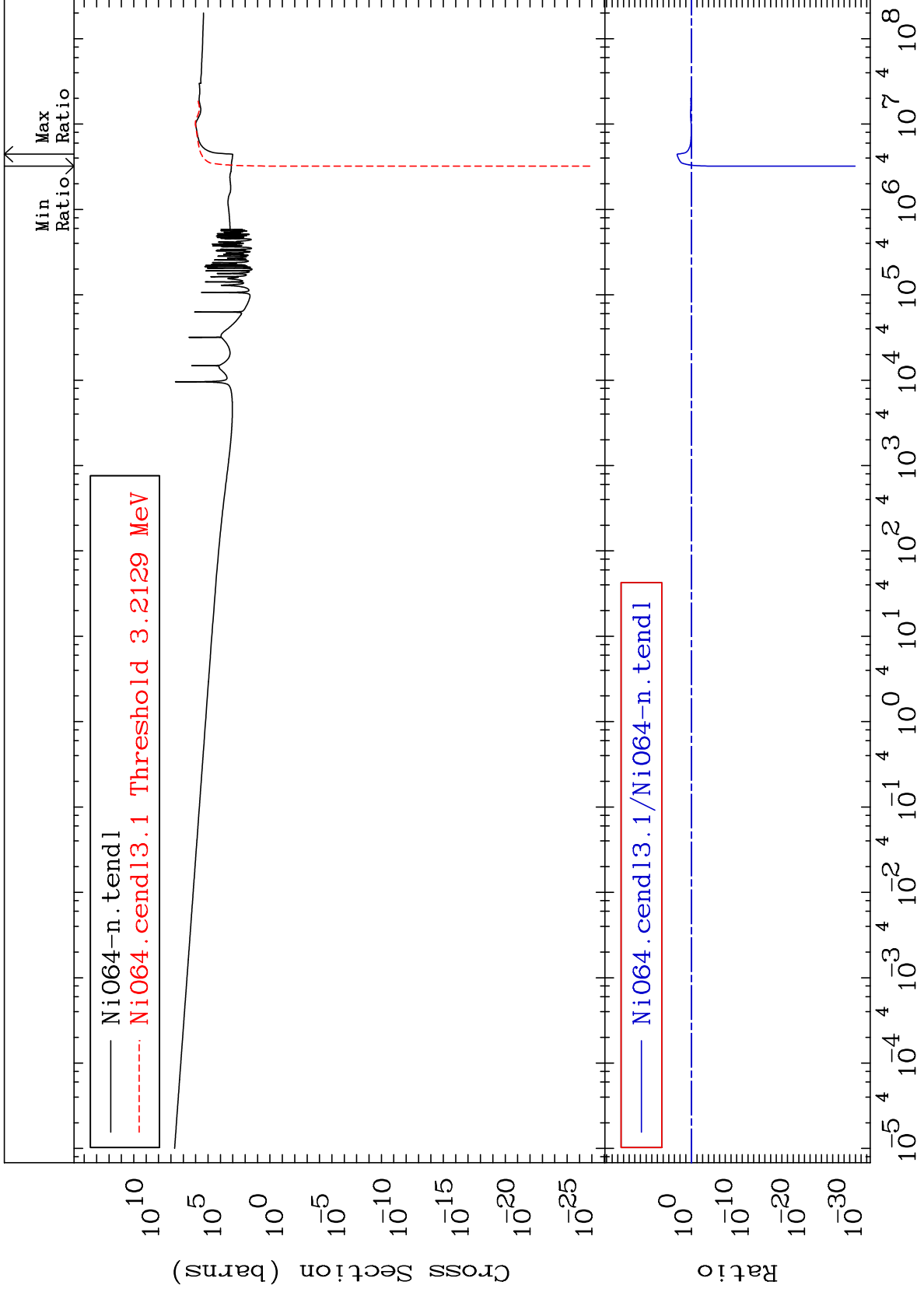
28-Ni-64
-99.98 To 9999. %



MAT 2843

Total photon (eV-barns)
Cross Section

28-Ni-64
-100.0 To 9999. %



30

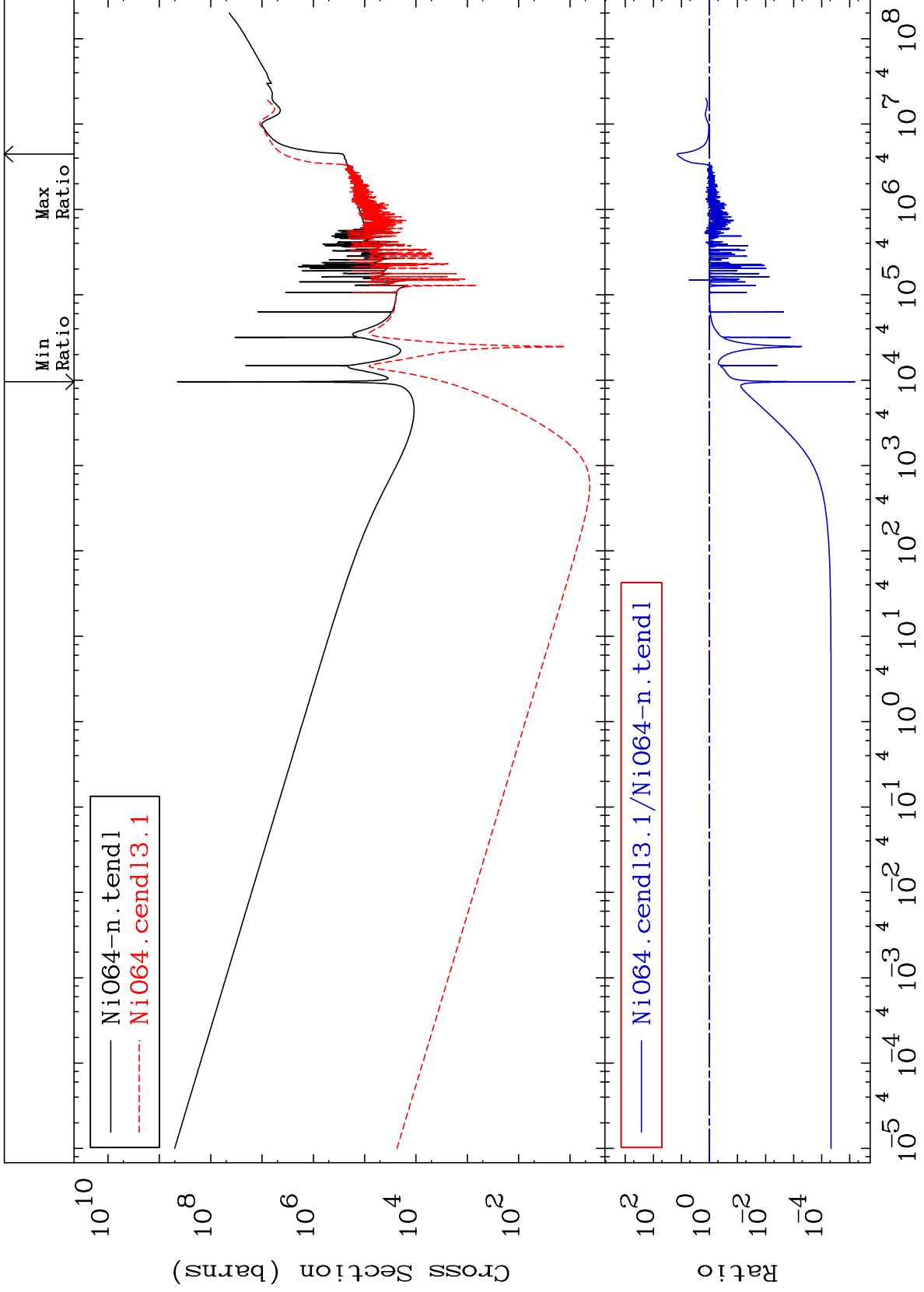
Incident Energy (eV)

28-Ni-64

MAT 2843

Total kinematic kerma (high limit)
Cross Section

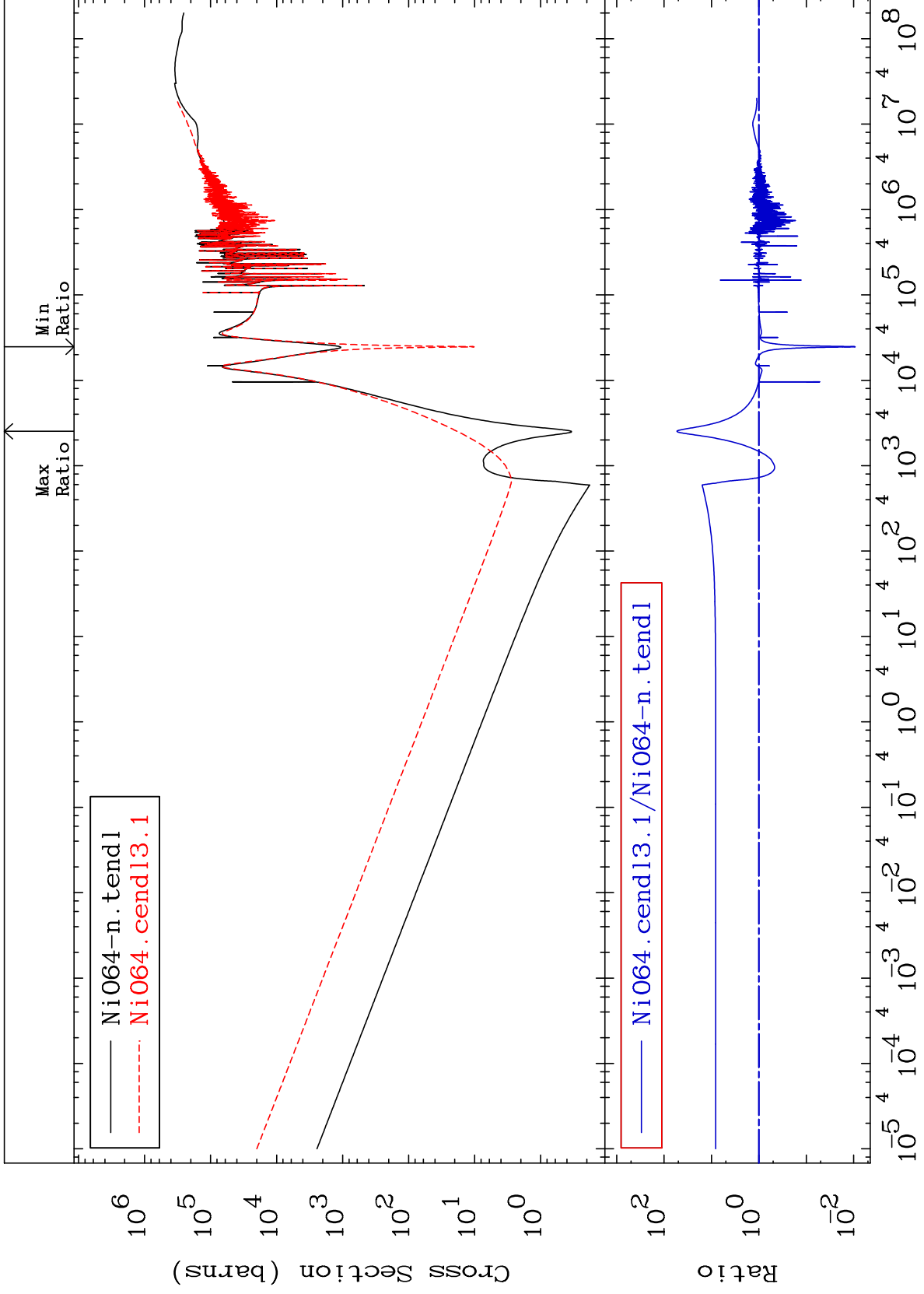
28-Ni-64
-100.0 To 1346. %



MAT 2843

Dpa total (eV-barns)
Cross Section

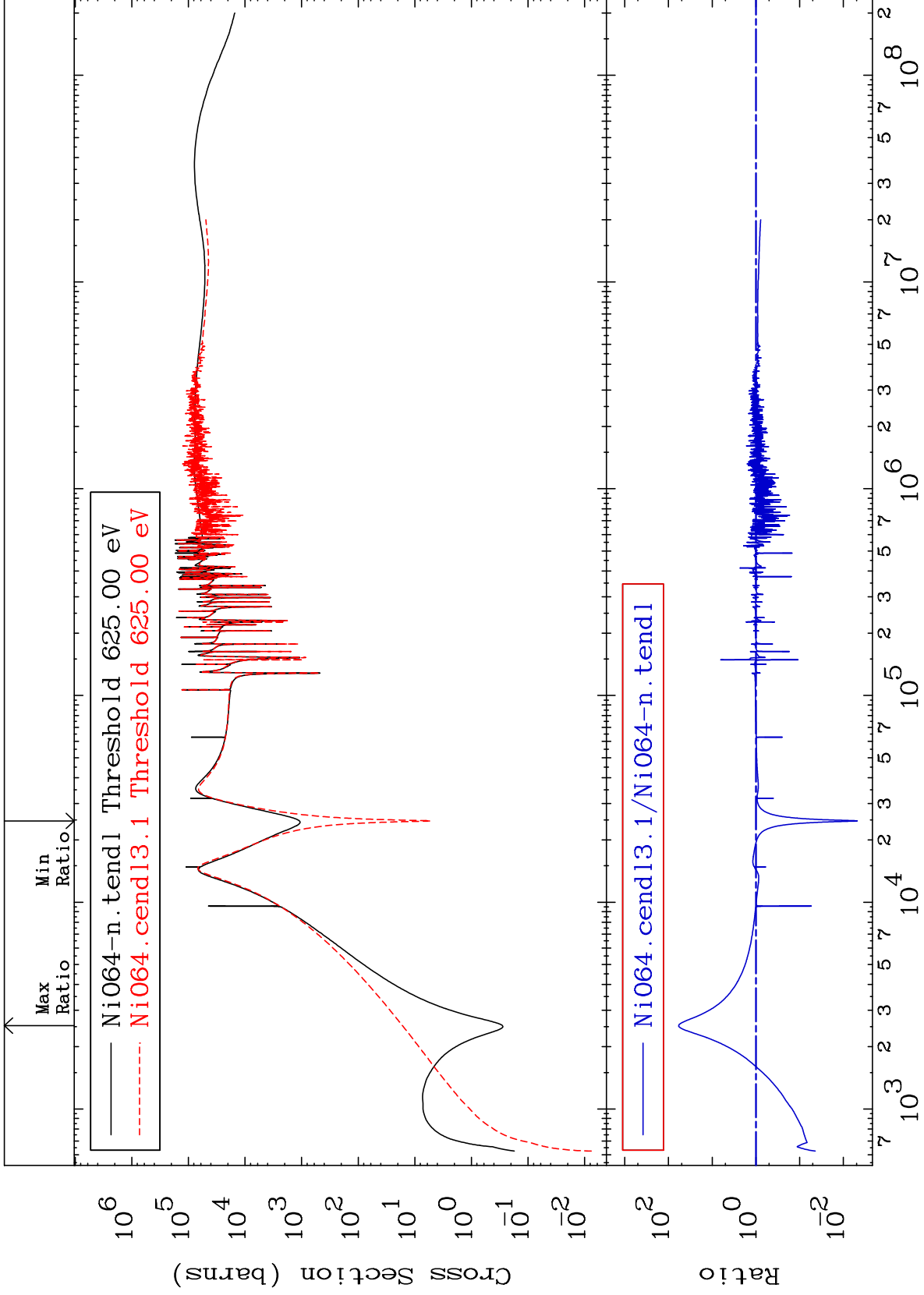
28-Ni-64
-99.07 To 5266. %

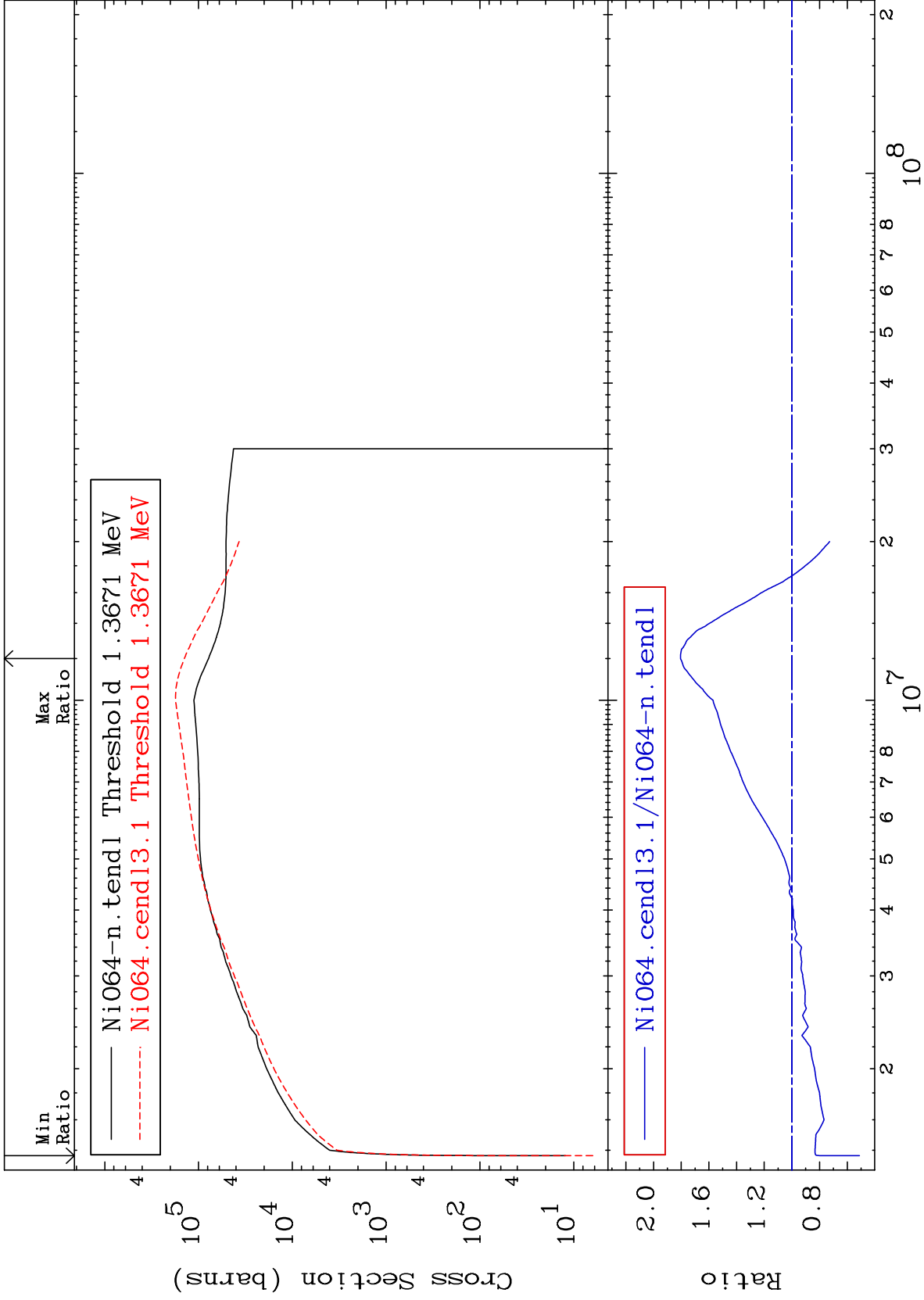


MAT 2843

Dpa elastic (mt2)
Cross Section

28-Ni-64
-99.52 To 5759. %





MAT 2843

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-64
-99.74 To 9999. %

