

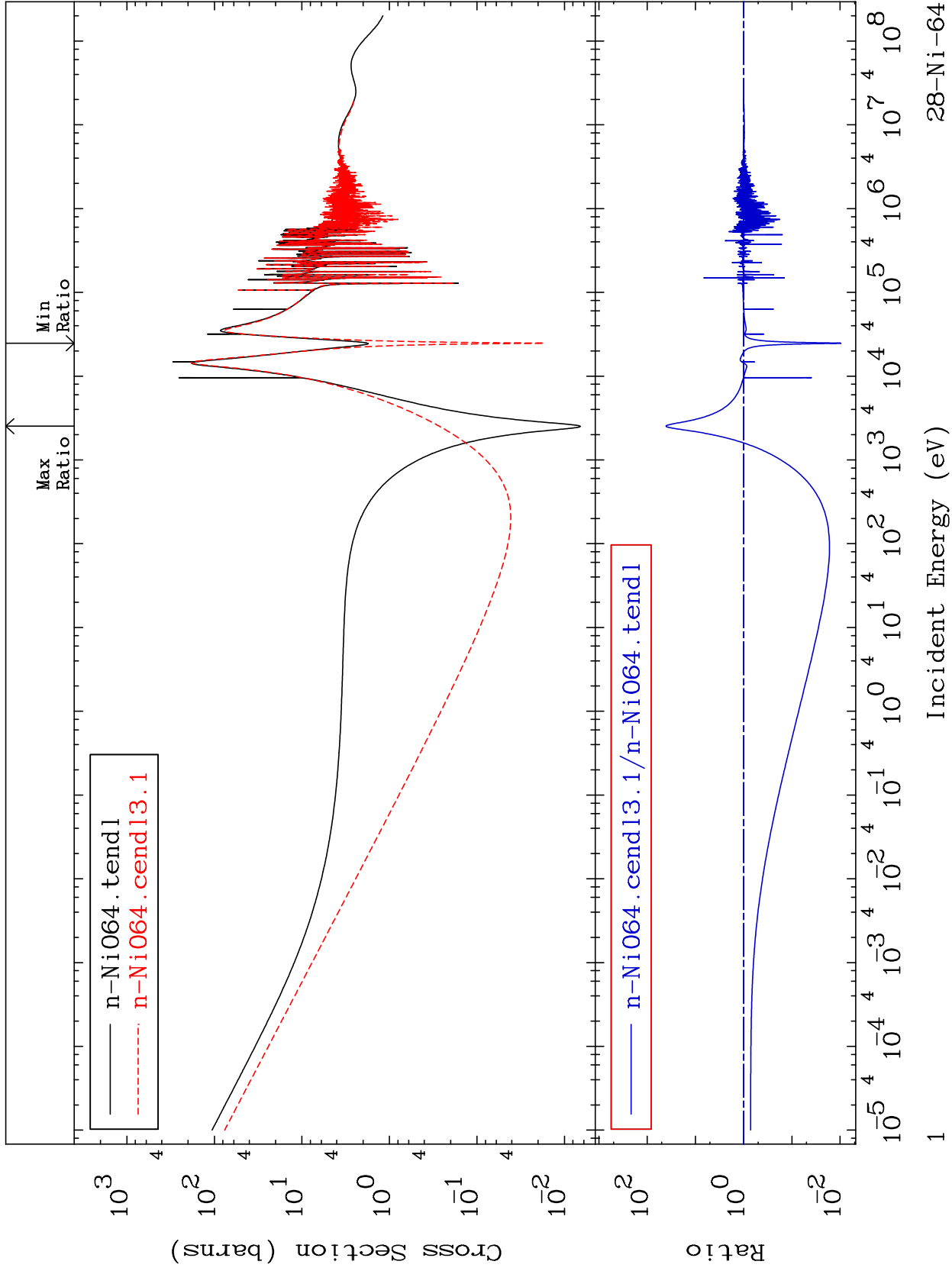
MAT 2843

Total

Cross Section

28-Ni-64

-99.04 To 3984. %

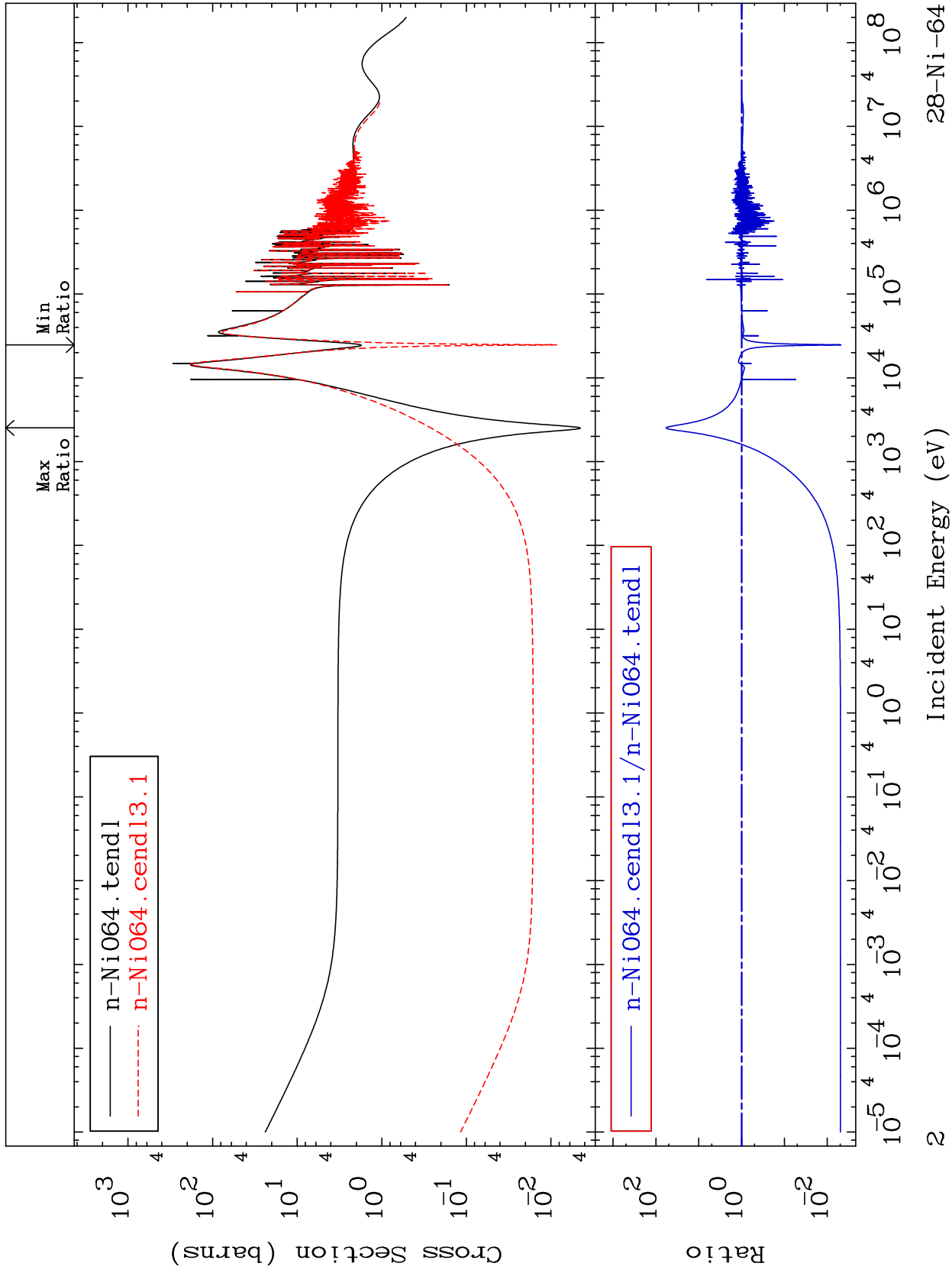


28-Ni-64

MAT 2843

Elastic
Cross Section

28-Ni-64
-99.52 To 5718. %

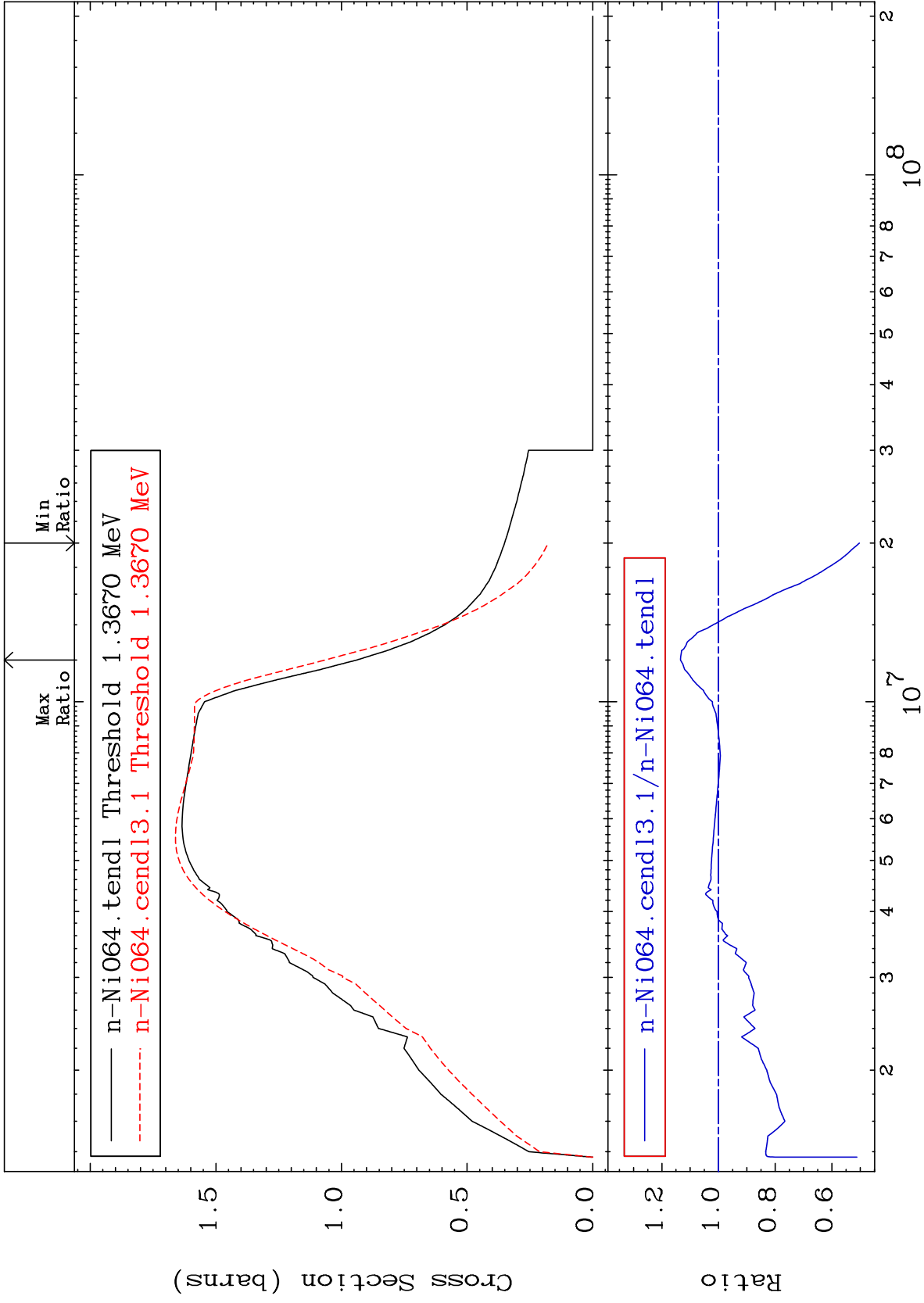


MAT 2843

²⁸Ni-64

-49.71 To 13.47 %

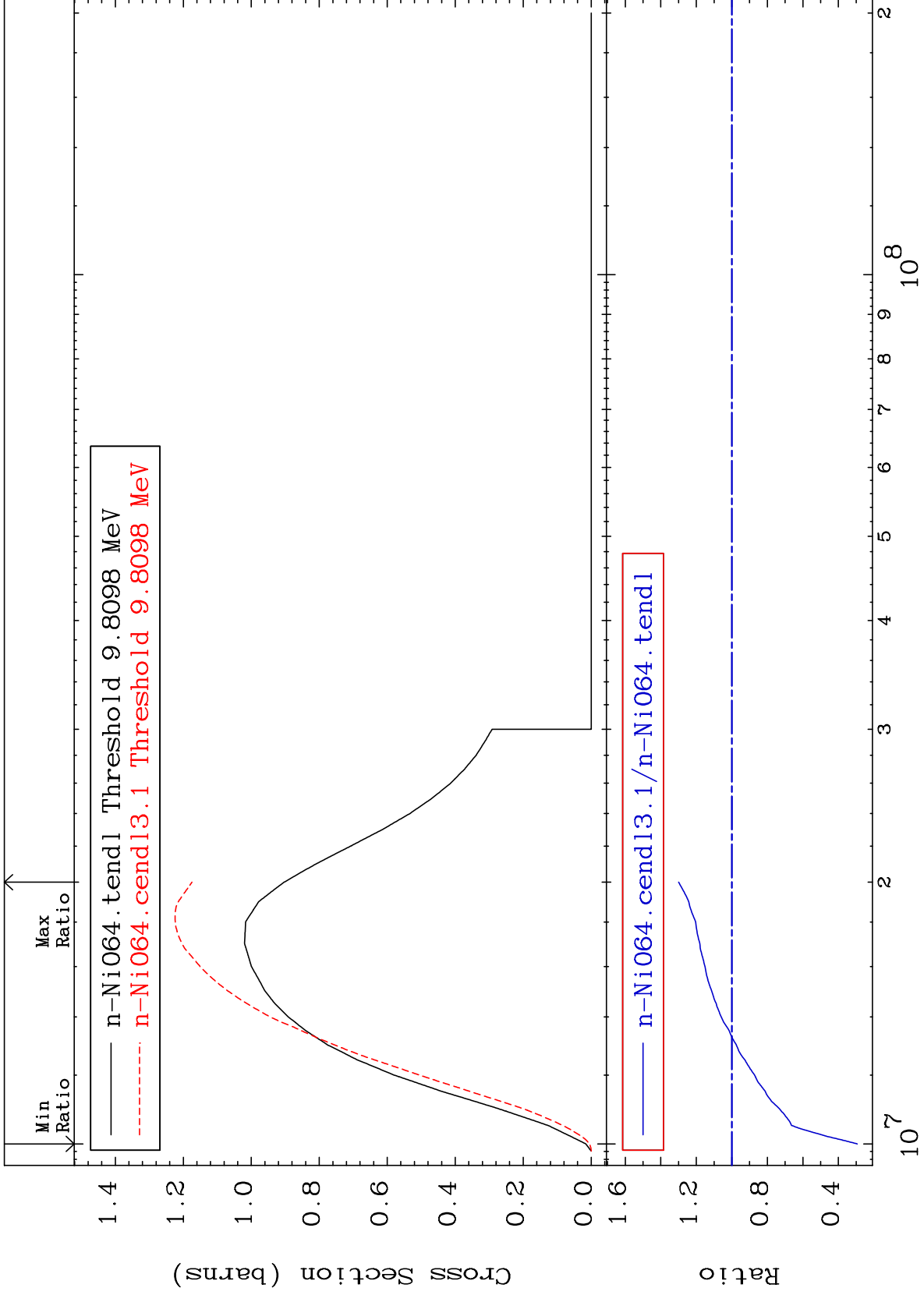
Inelastic
Cross Section



MAT 2843

(n,2n)
Cross Section

28-Ni-64
-70.61 To 29.95 %



28-Ni-64

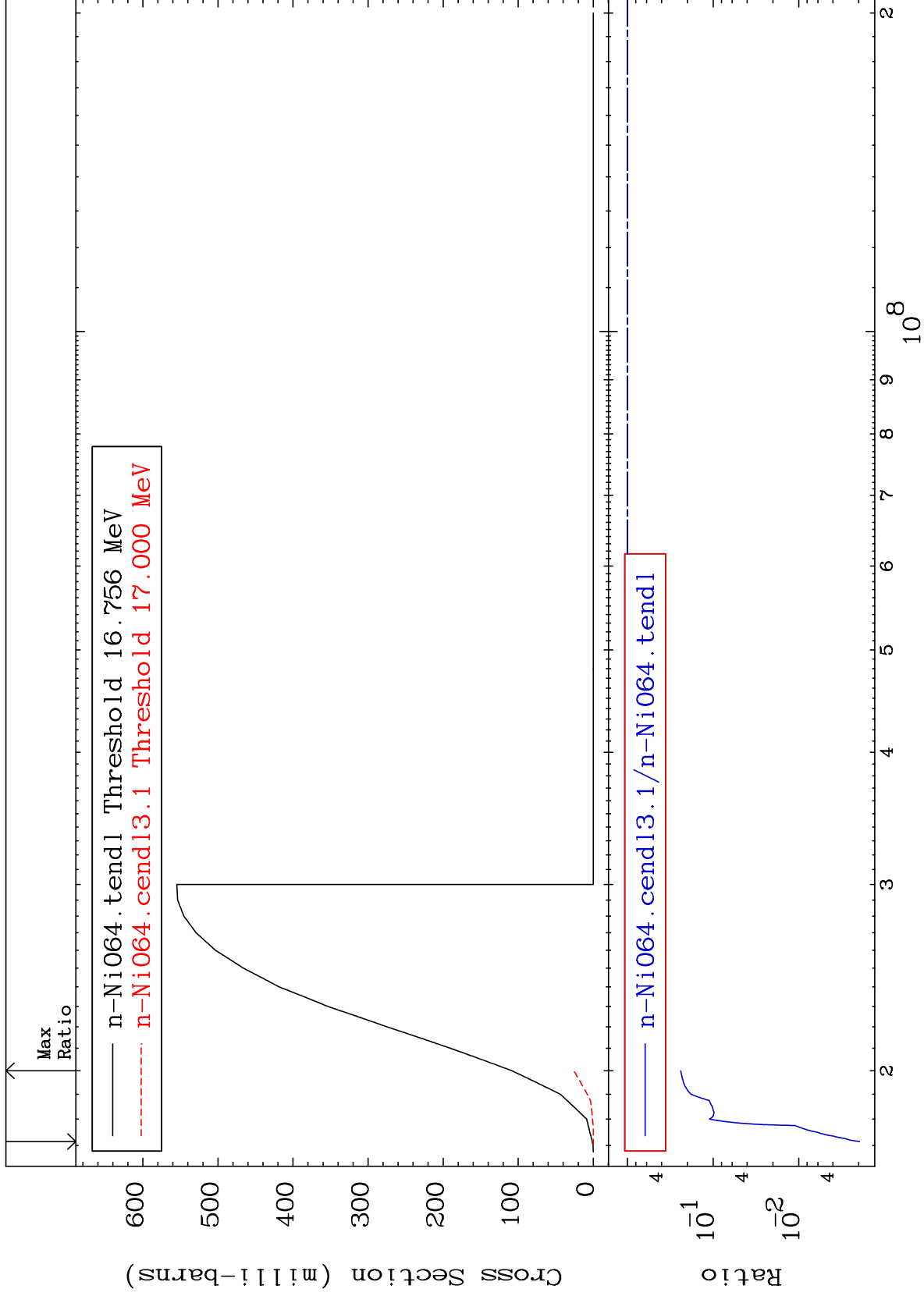
Incident Energy (eV)

4

MAT 2843

(n,3n)
Cross Section

28-Ni-64
-99.80 To -76.13%



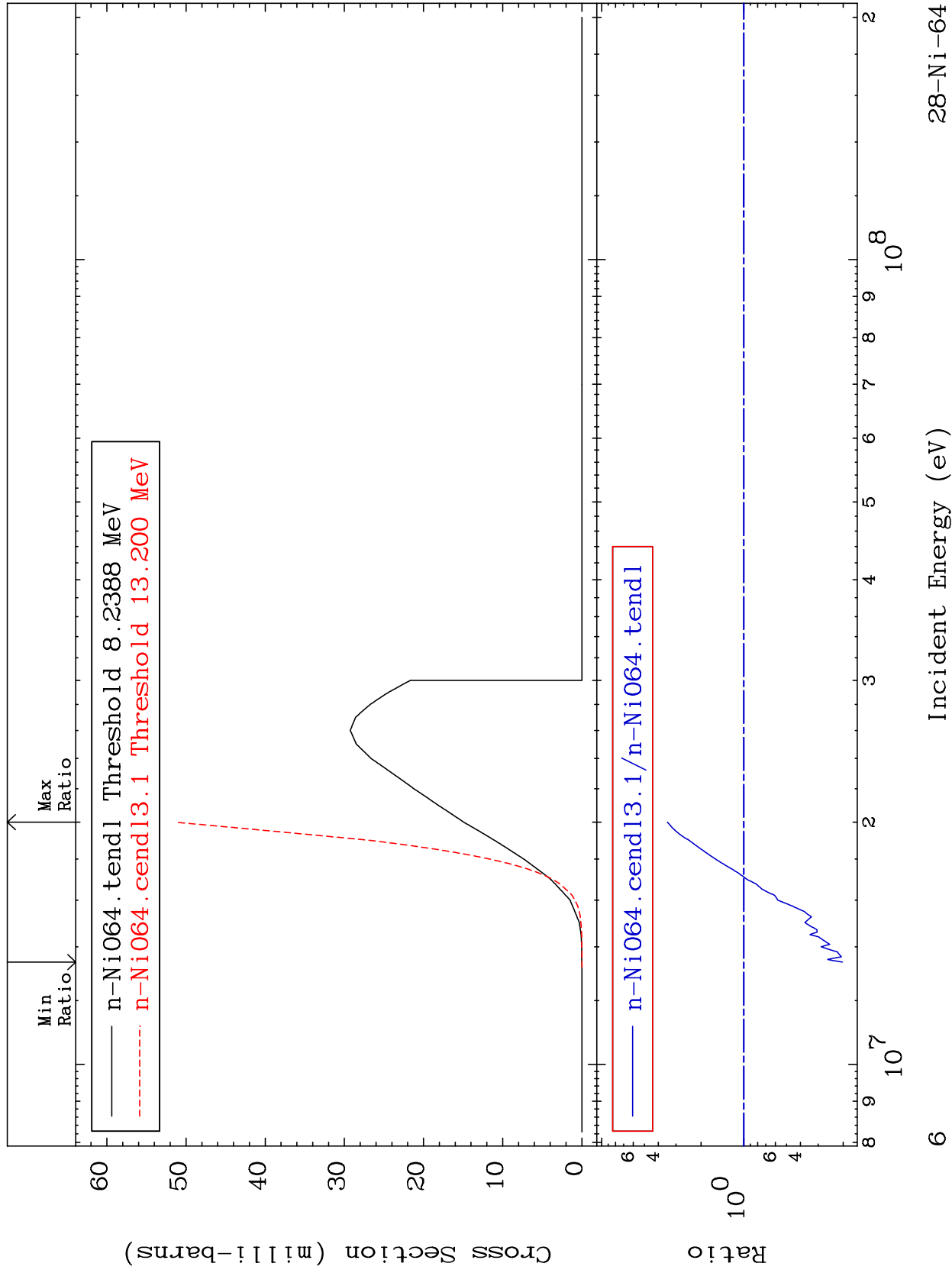
MAT 2843

(n, n') α

28-Ni-64

Cross Section

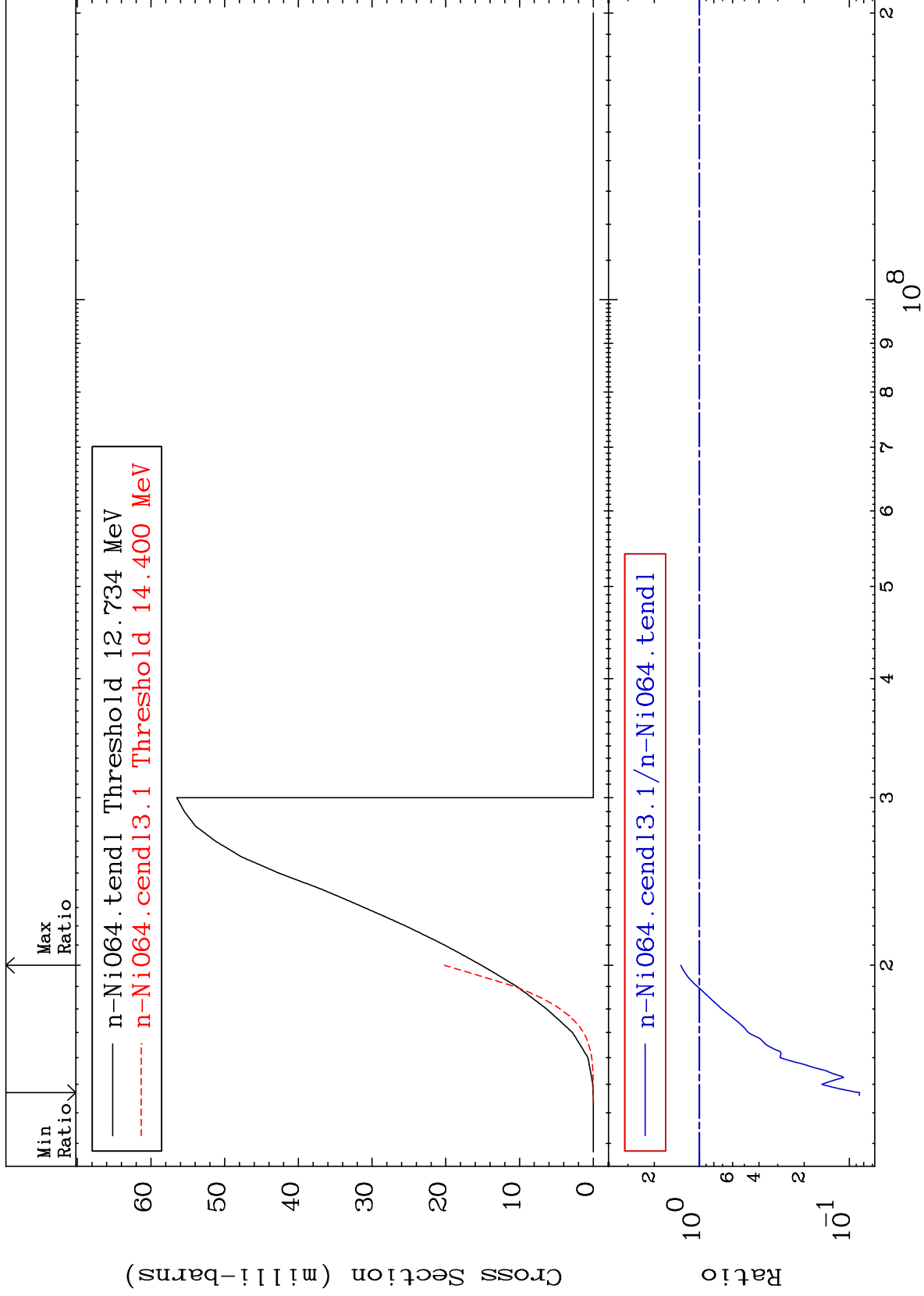
-79.76 To 244.5 %



MAT 2843

(n,n') p
Cross Section

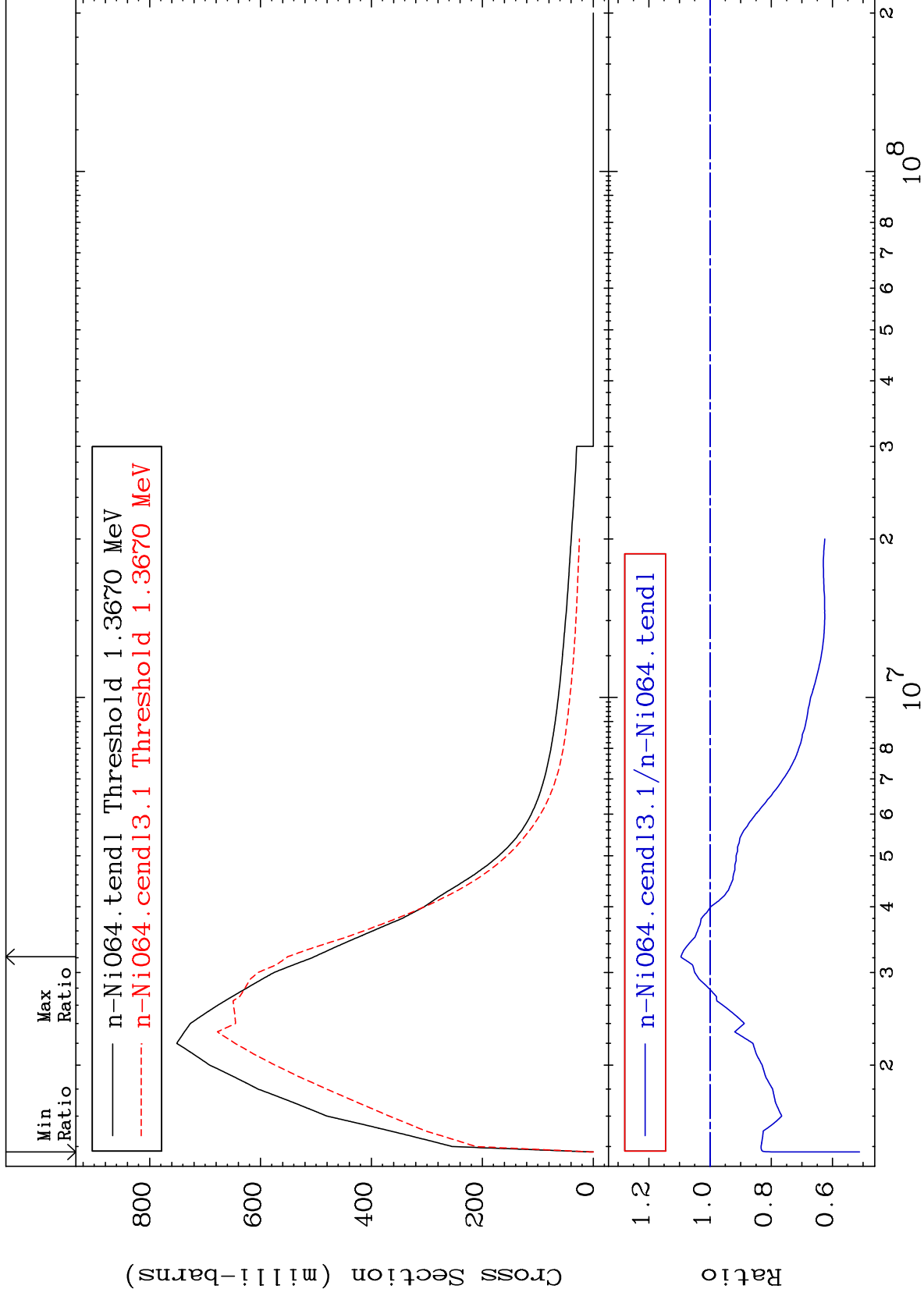
28-Ni-64
-91.46 To 33.05 %



MAT 2843

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

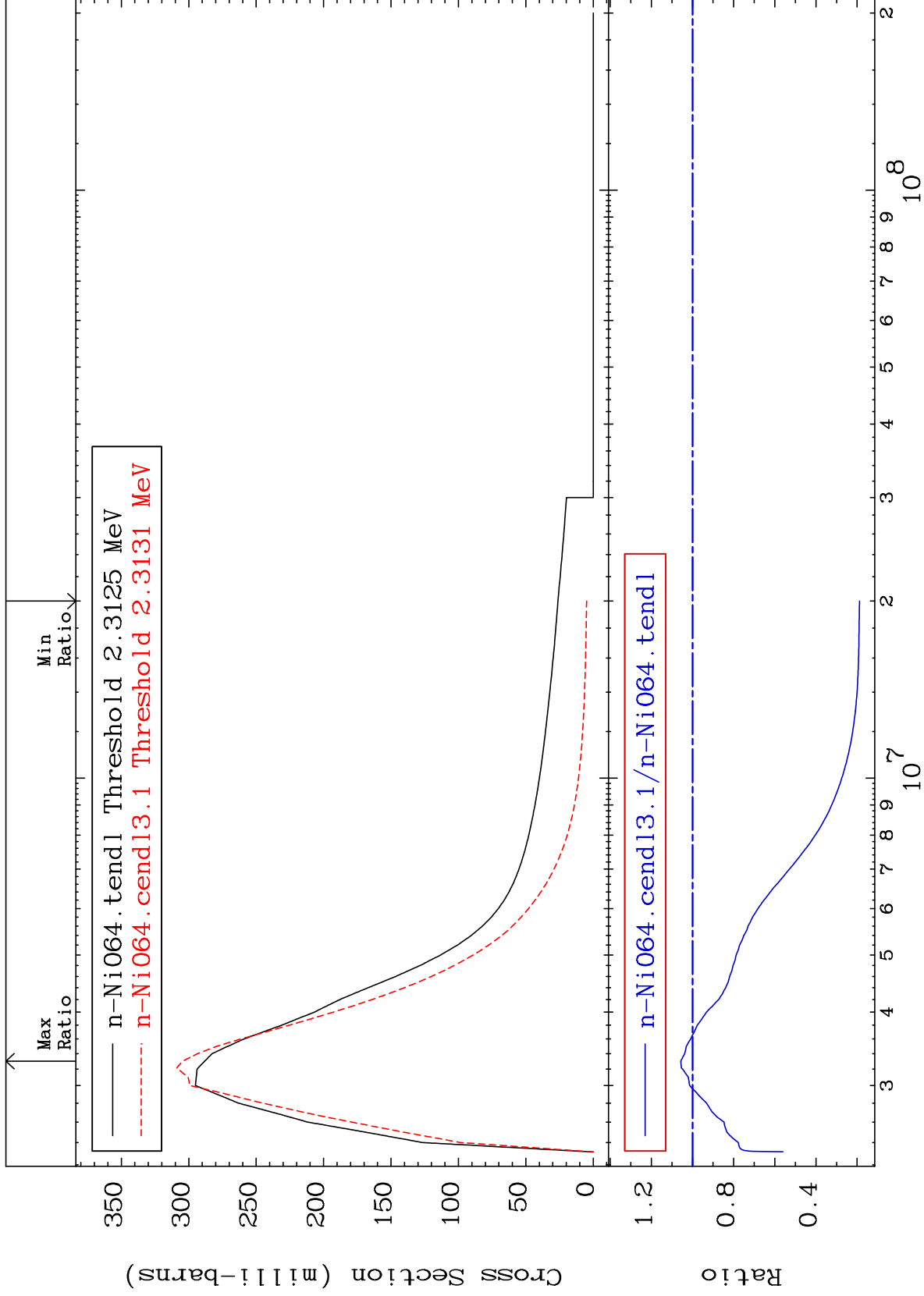
28-Ni-64
-48.82 To 9.557 %



MAT 2843

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

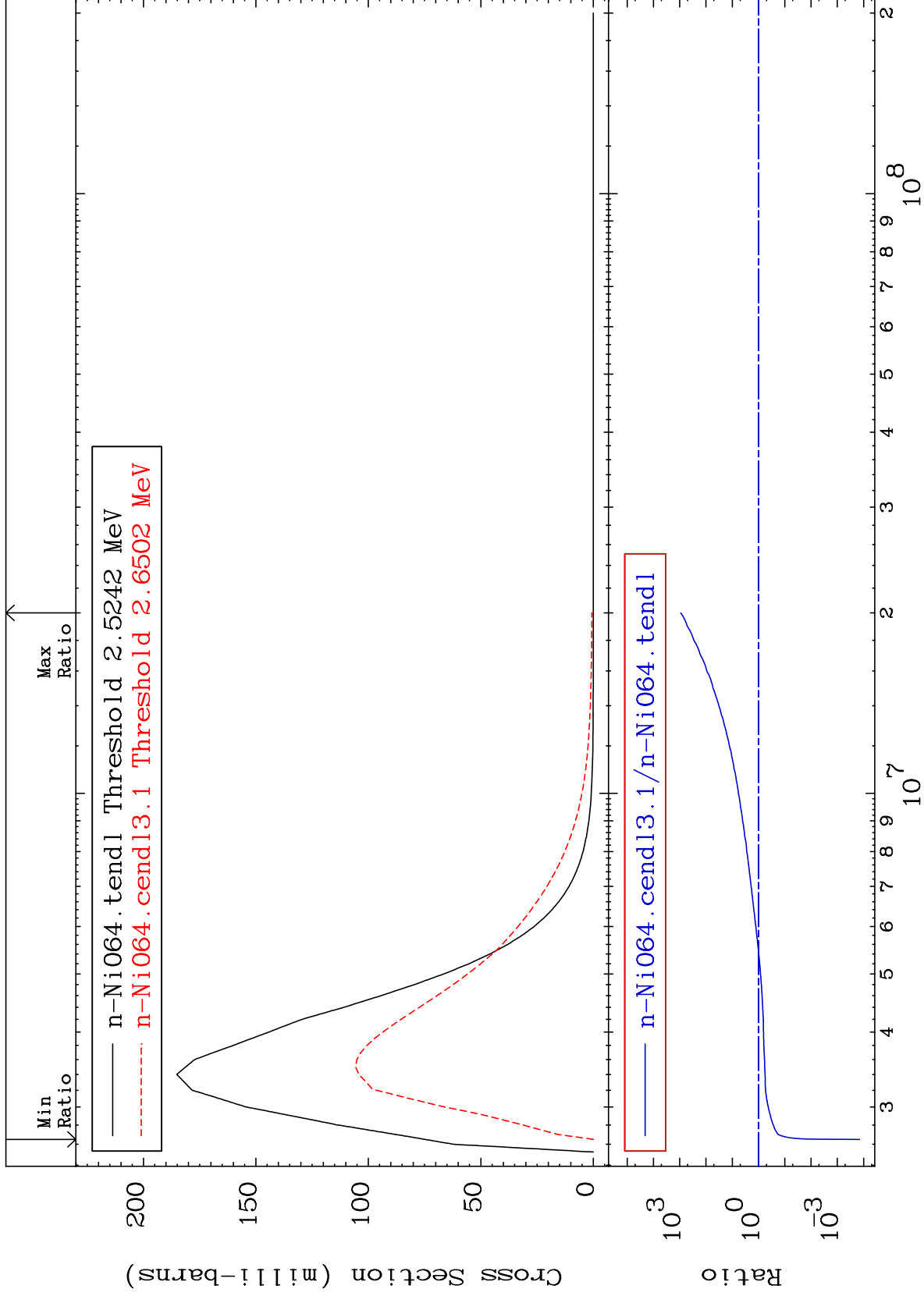
28-Ni-64
-81.18 To 5.707 %



MAT 2843

MT= 53 (n,n') Level
Cross Section

28-Ni-64
-99.99 To 9999. %



10

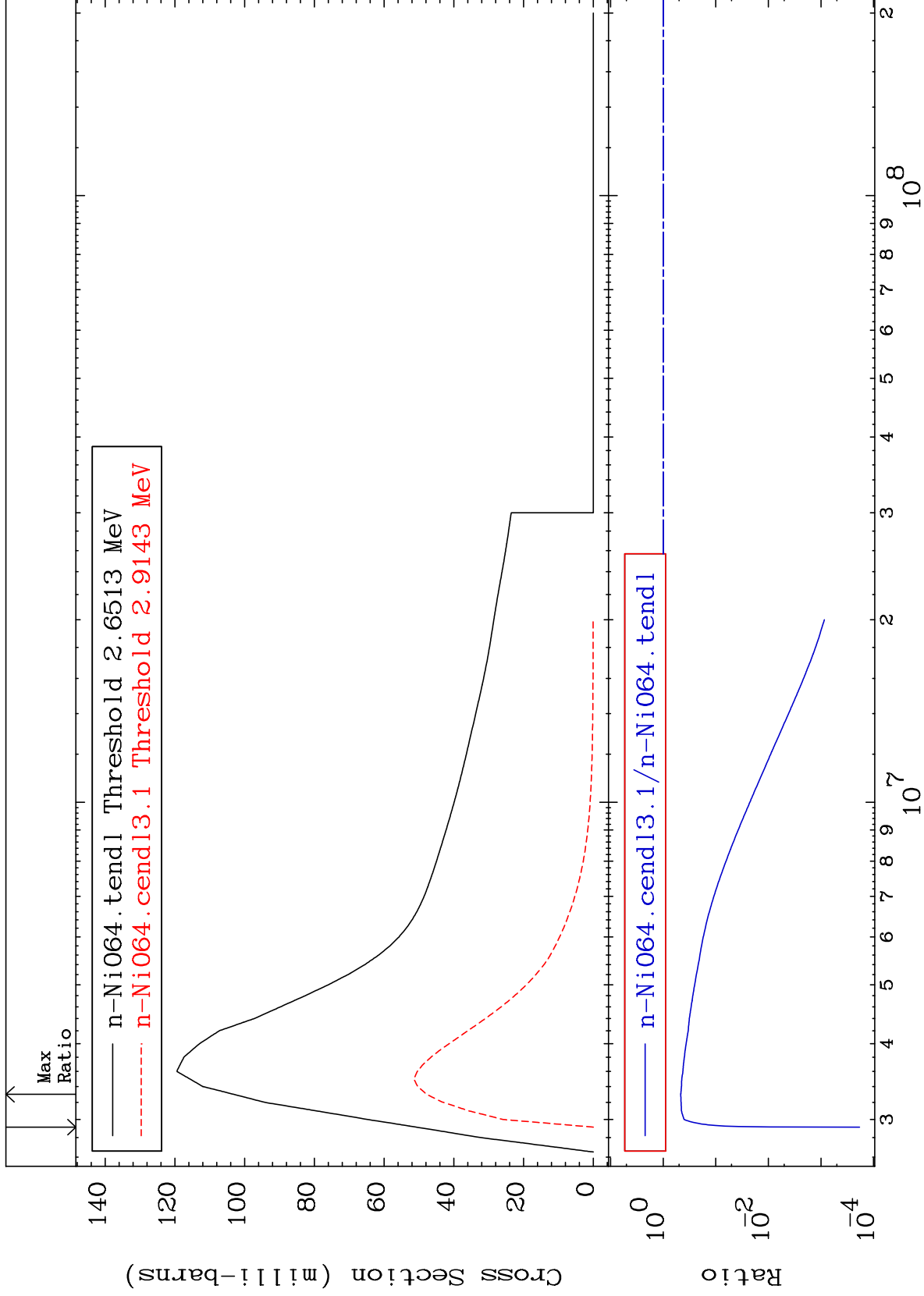
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 54 (n,n') Level
Cross Section

28-Ni-64
-99.98 To -53.66%



11

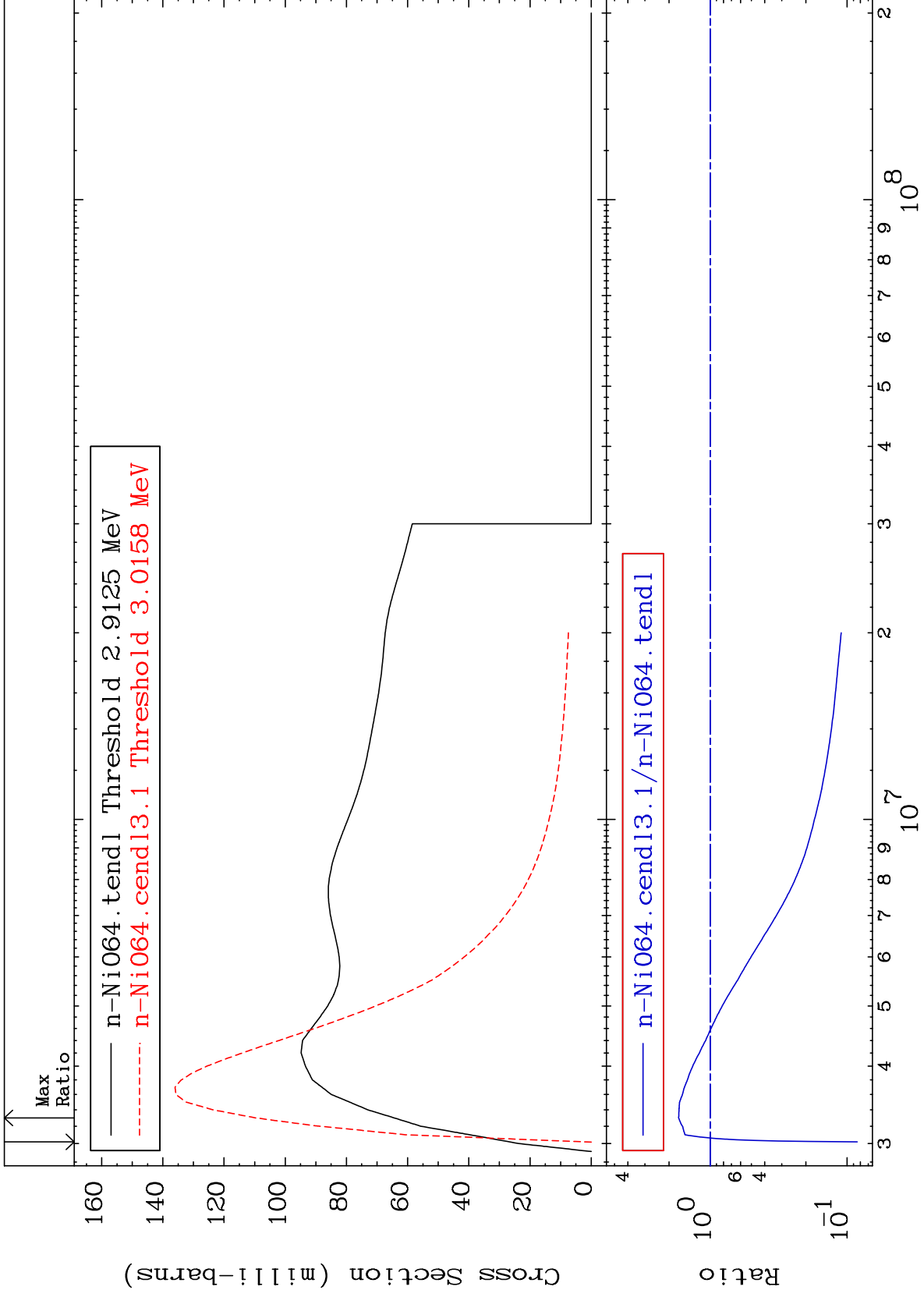
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 55 (n,n') Level
Cross Section

28-Ni-64
-91.56 To 70.27 %



12

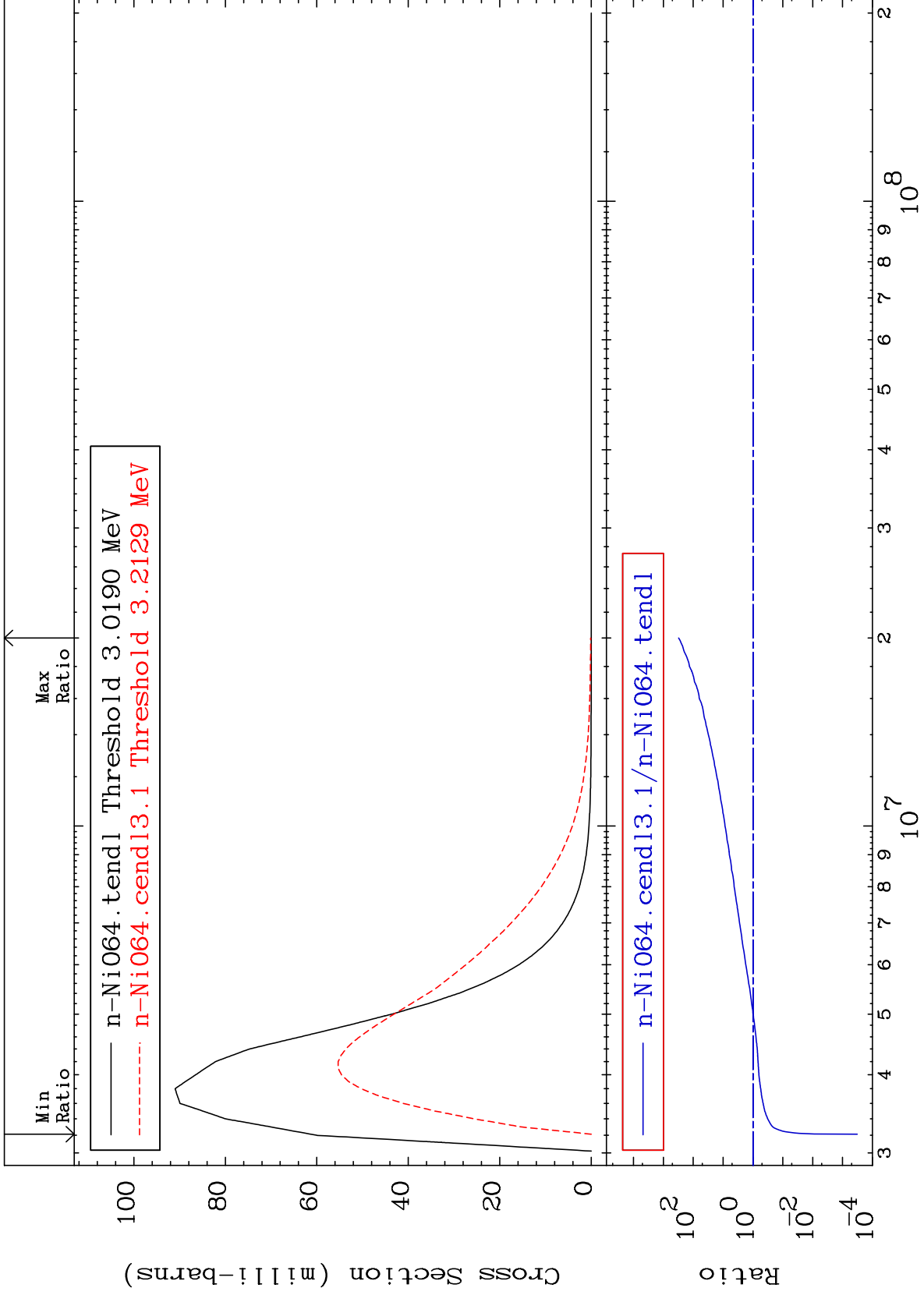
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 56 (n,n') Level
Cross Section

28-Ni-64
-99.97 To 9999. %



13

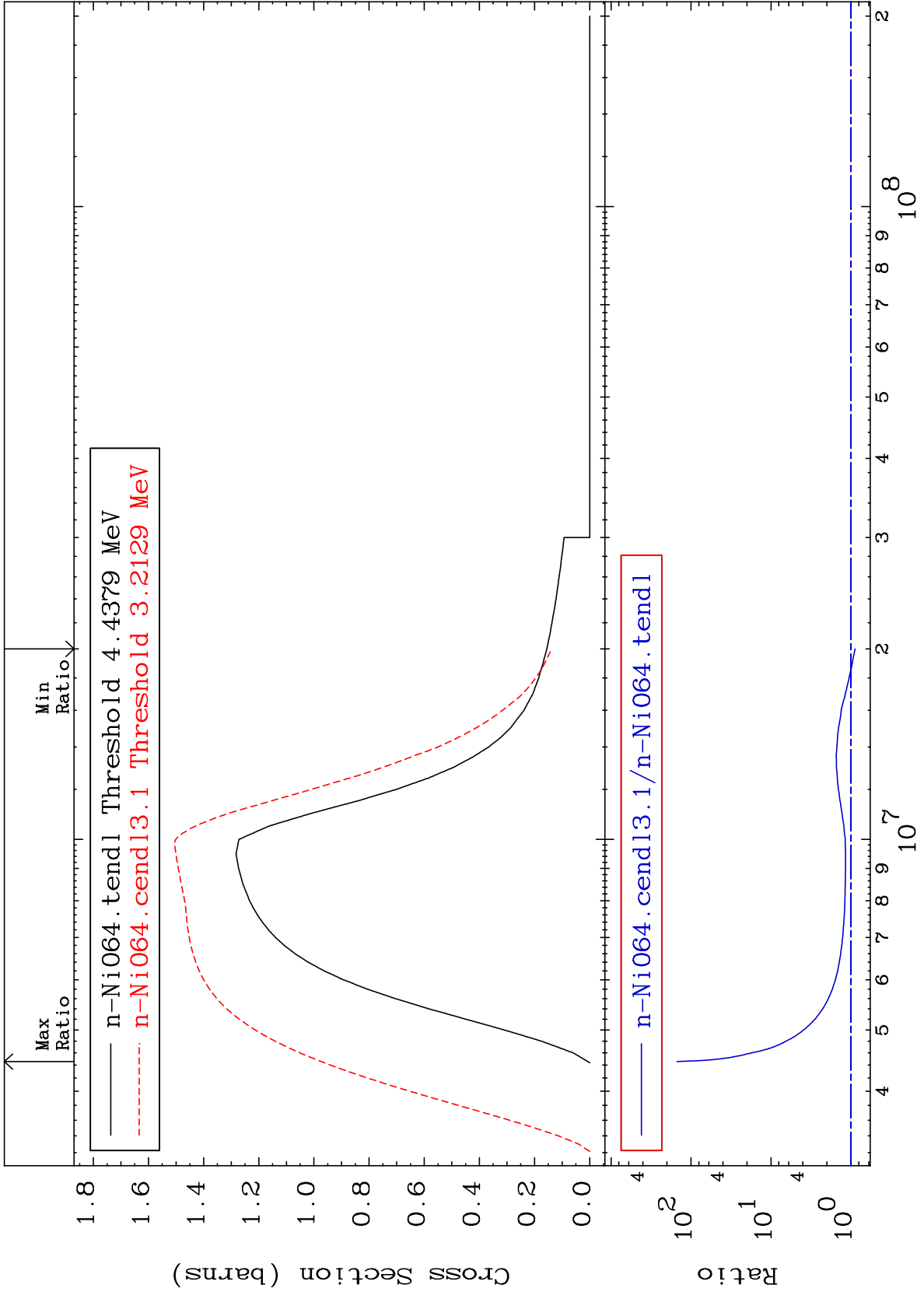
Incident Energy (eV)

28-Ni-64

MAT 2843

(n,n') Continuum
Cross Section

28-Ni-64
-11.14 To 9999. %



14

Incident Energy (eV)

28-Ni-64

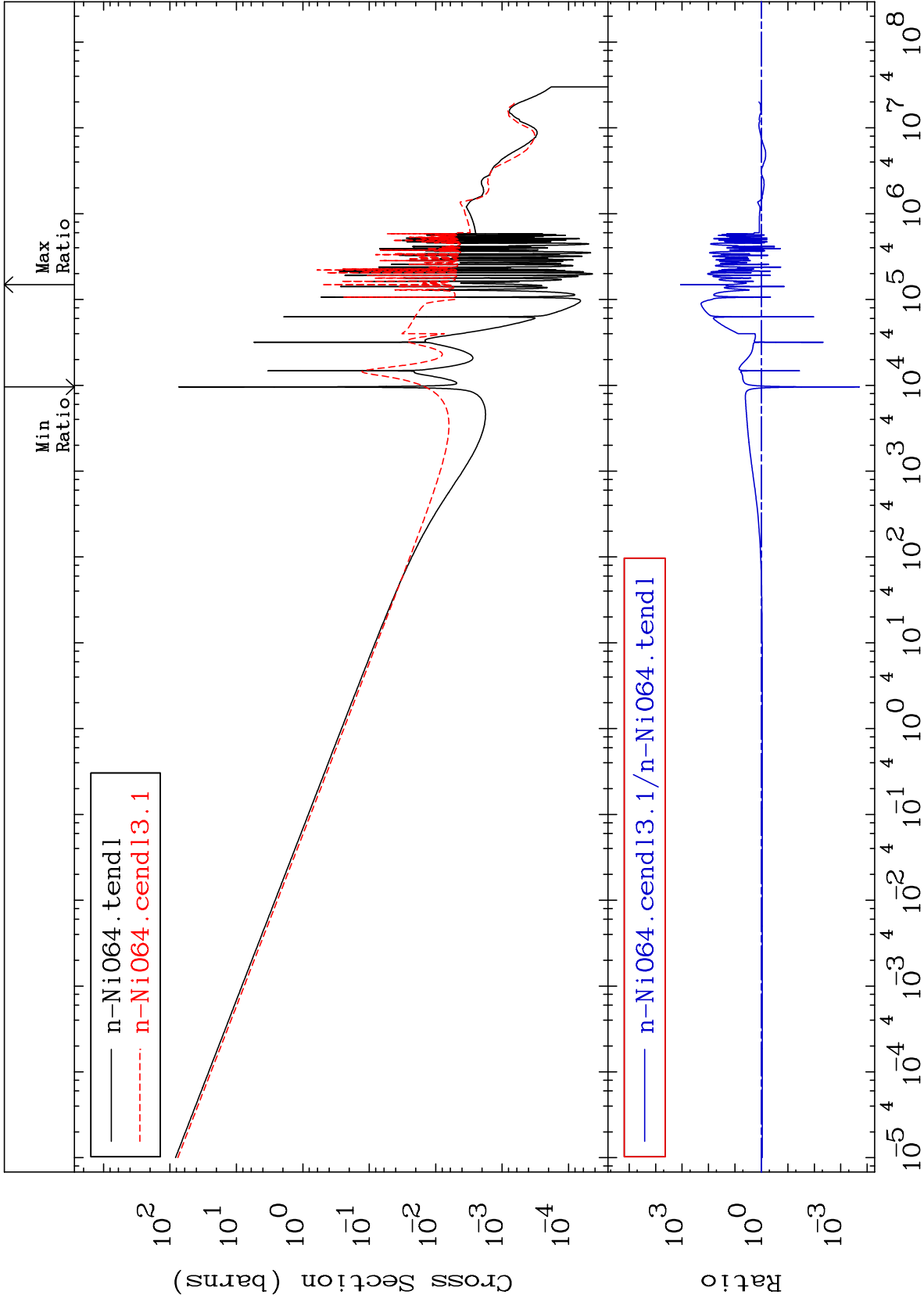
MAT 2843

(n, γ)

28-Ni-64

Cross Section

-99.98 To 9999. %



15

Incident Energy (eV)

28-Ni-64

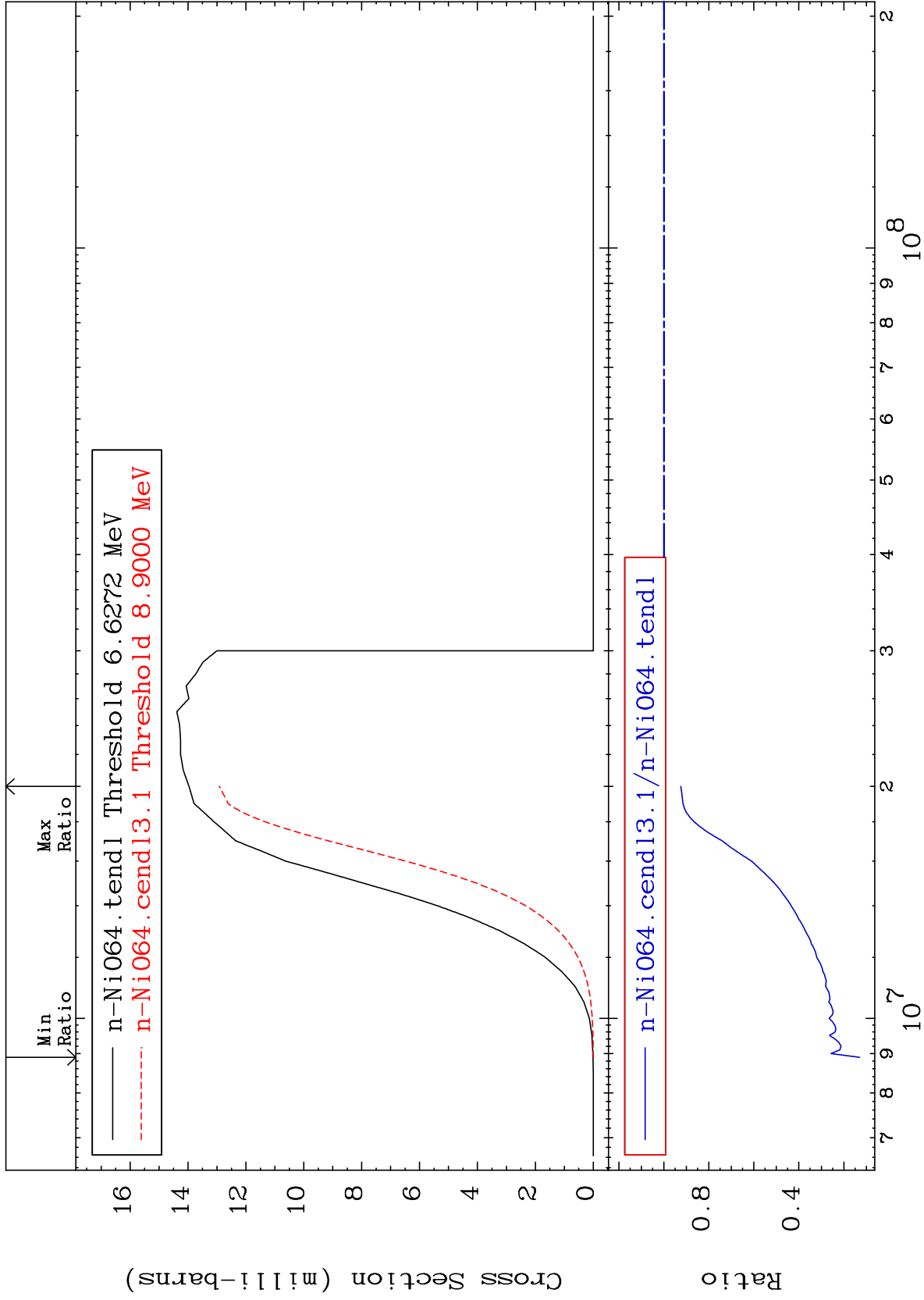
MAT 2843

(n,p)

28-Ni-64

Cross Section

-86.98 To -7.498%



16

Incident Energy (eV)

28-Ni-64

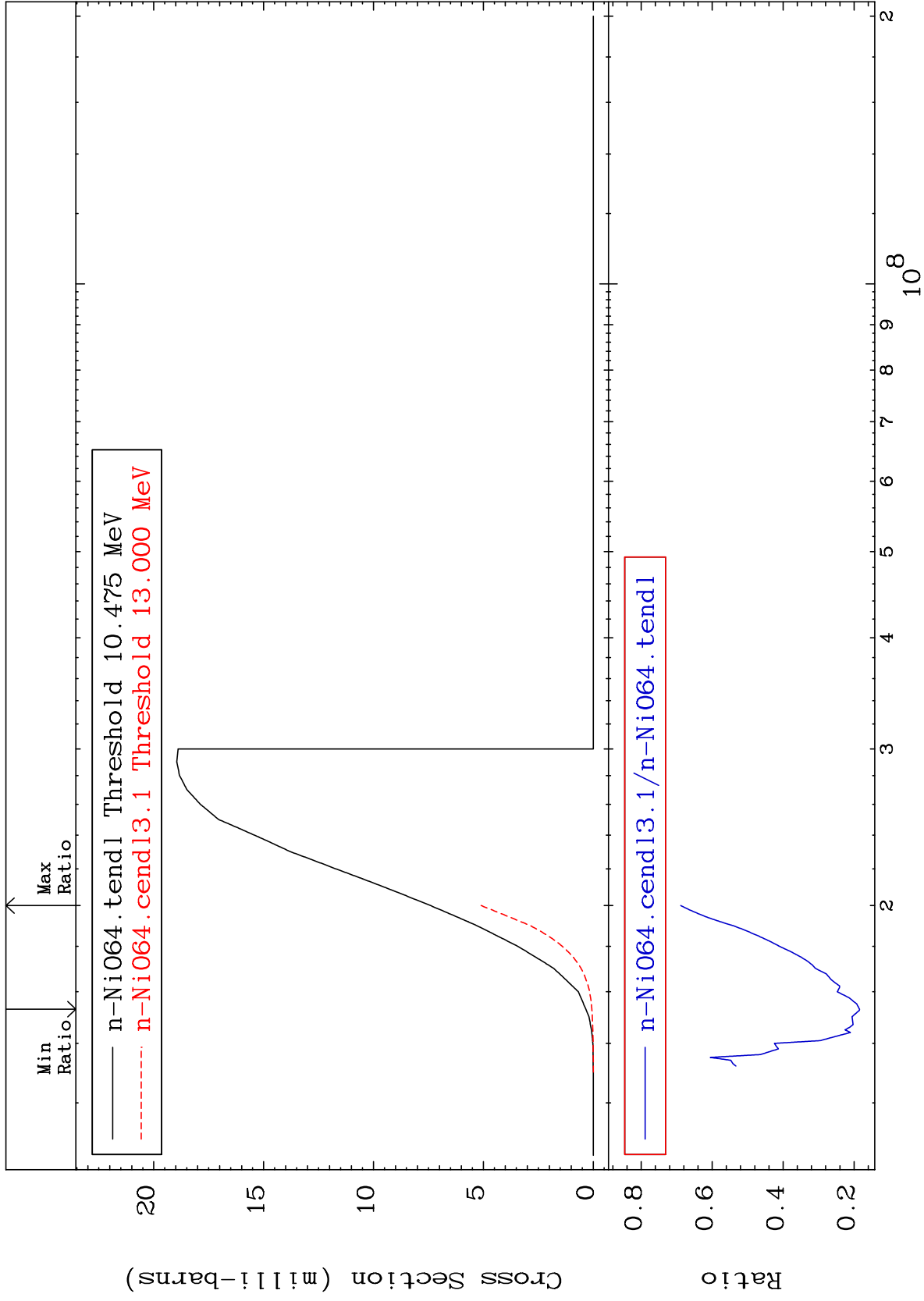
MAT 2843

(n, d)

²⁸Ni-64

Cross Section

-81.54 To -31.15%



17

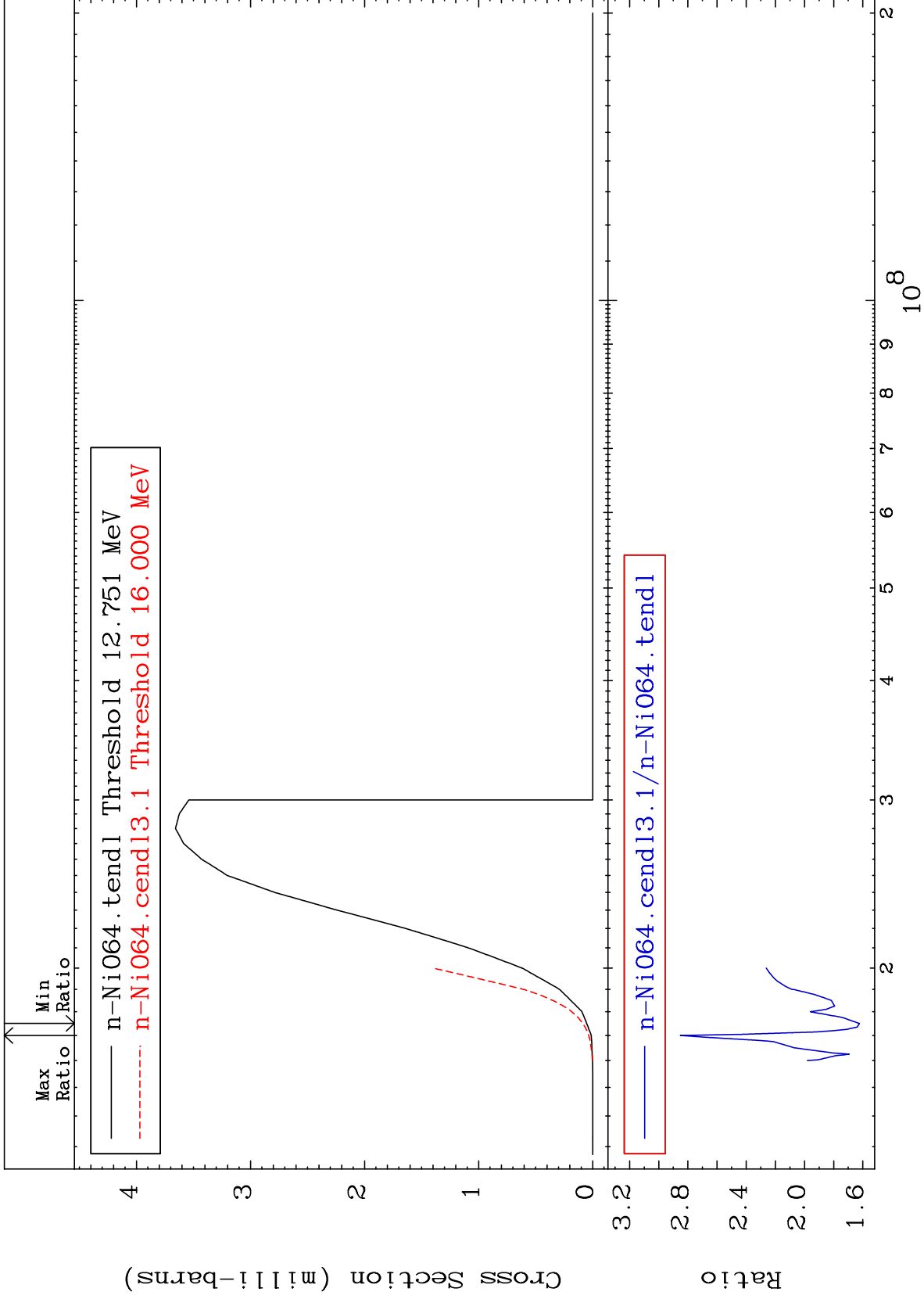
Incident Energy (eV)

²⁸Ni-64

MAT 2843

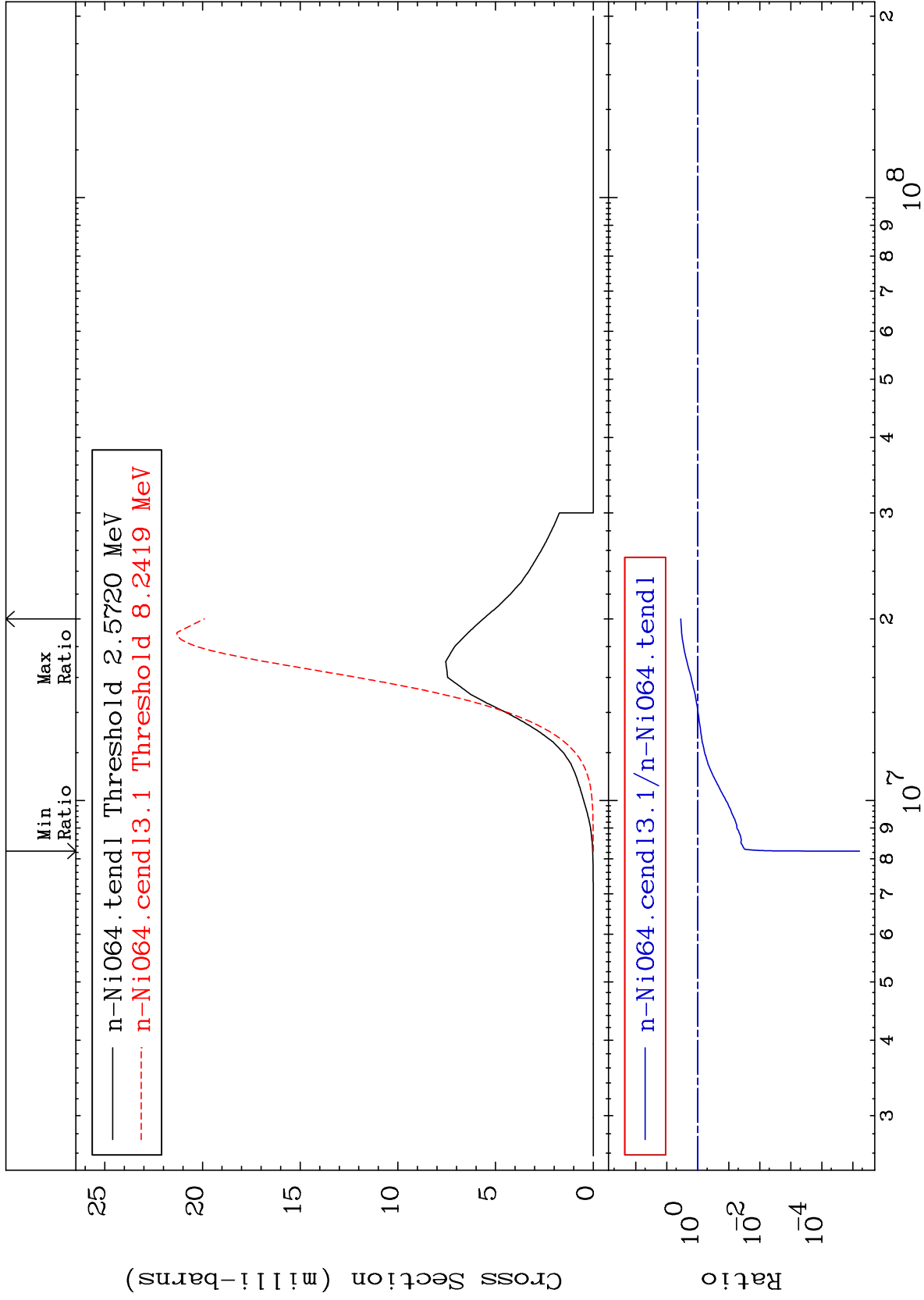
(n, t)
Cross Section

28-Ni-64
62.34 To 185.2 %



MAT 2843

(n, α)
Cross Section
28-Ni-64
-100.0 To 253.2 %



19

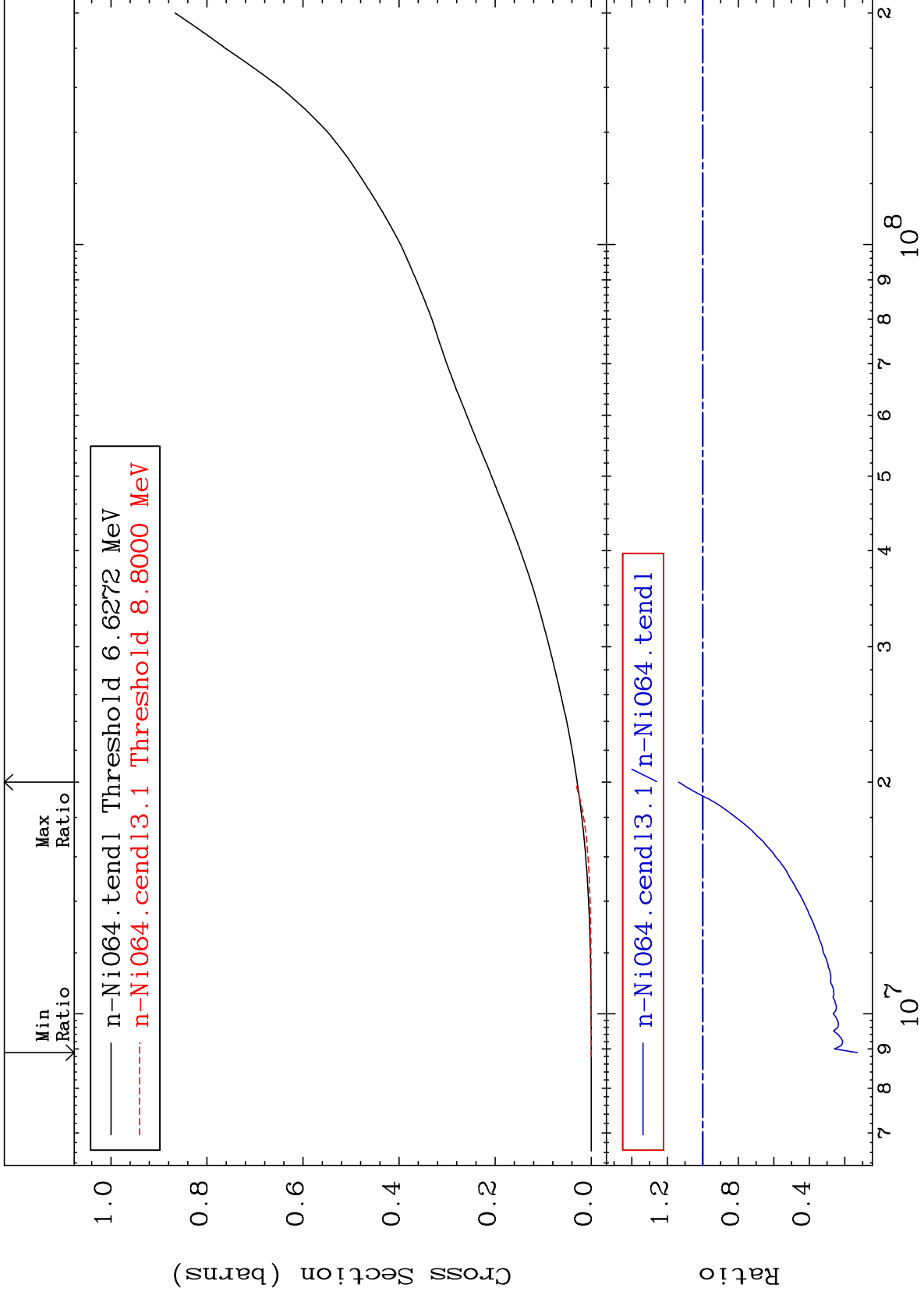
Incident Energy (eV)

28-Ni-64

MAT 2843

Hydrogen Production
Cross Section

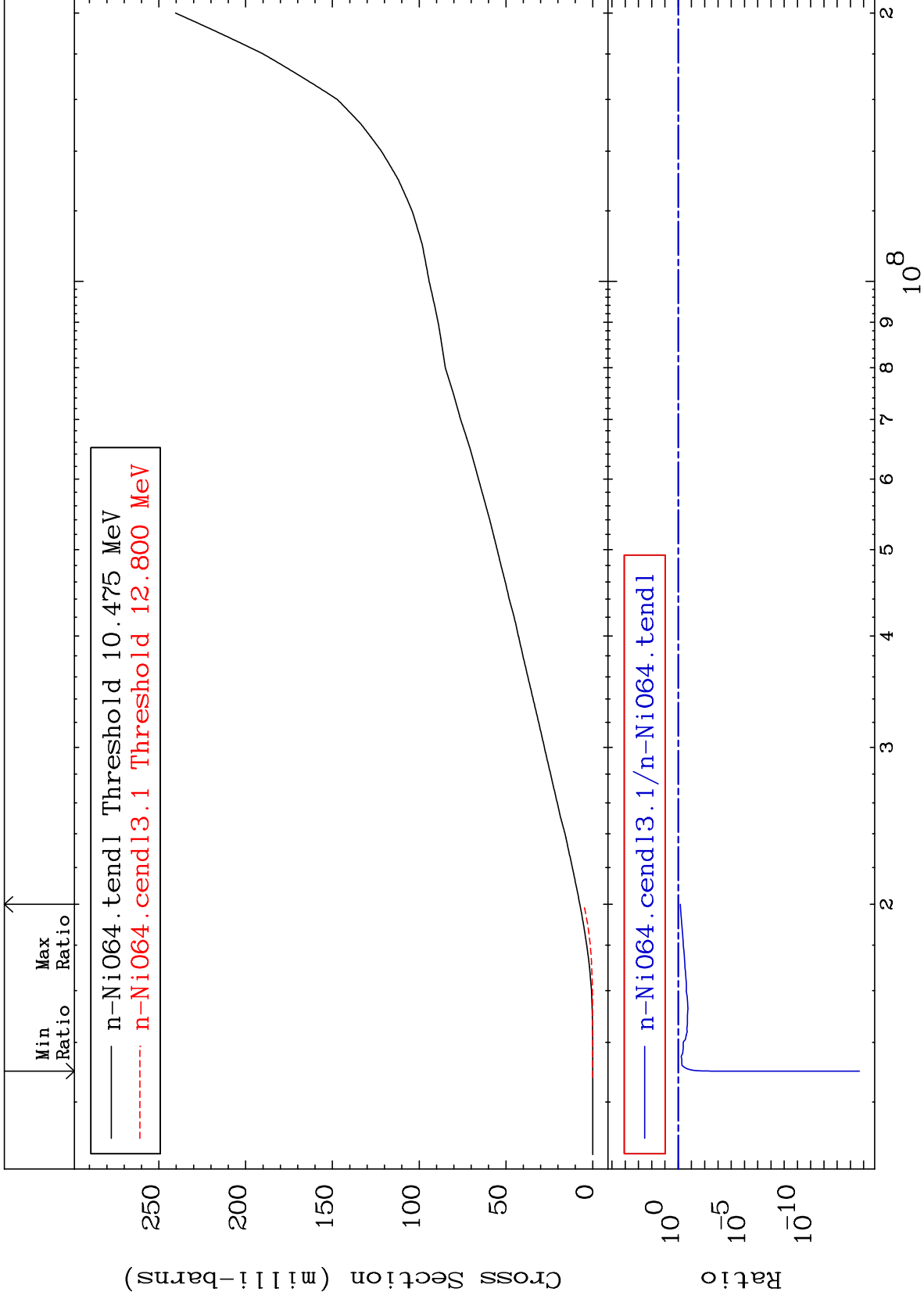
²⁸Ni-64
-86.98 To 13.61 %

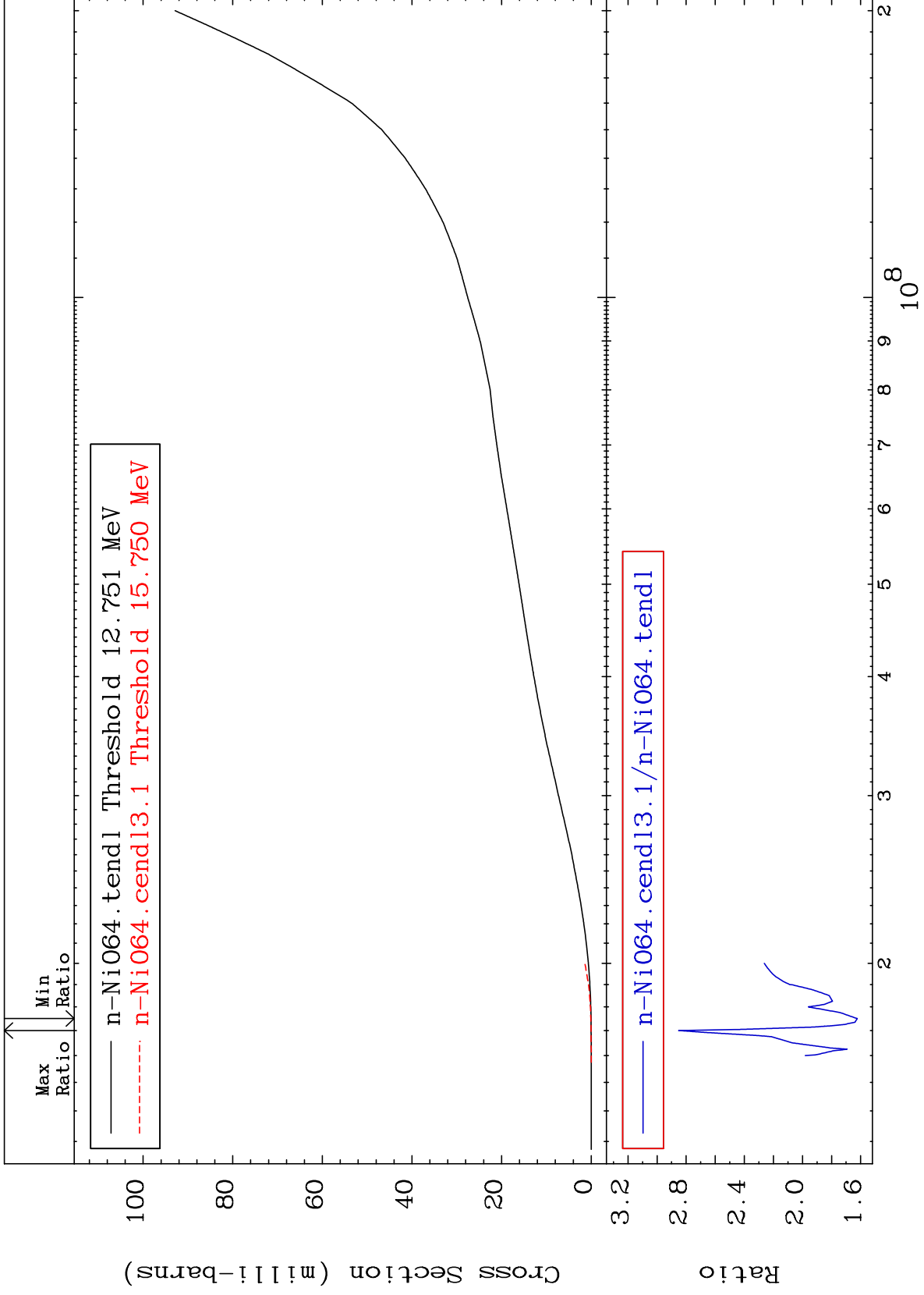


20

Incident Energy (eV)

²⁸Ni-64

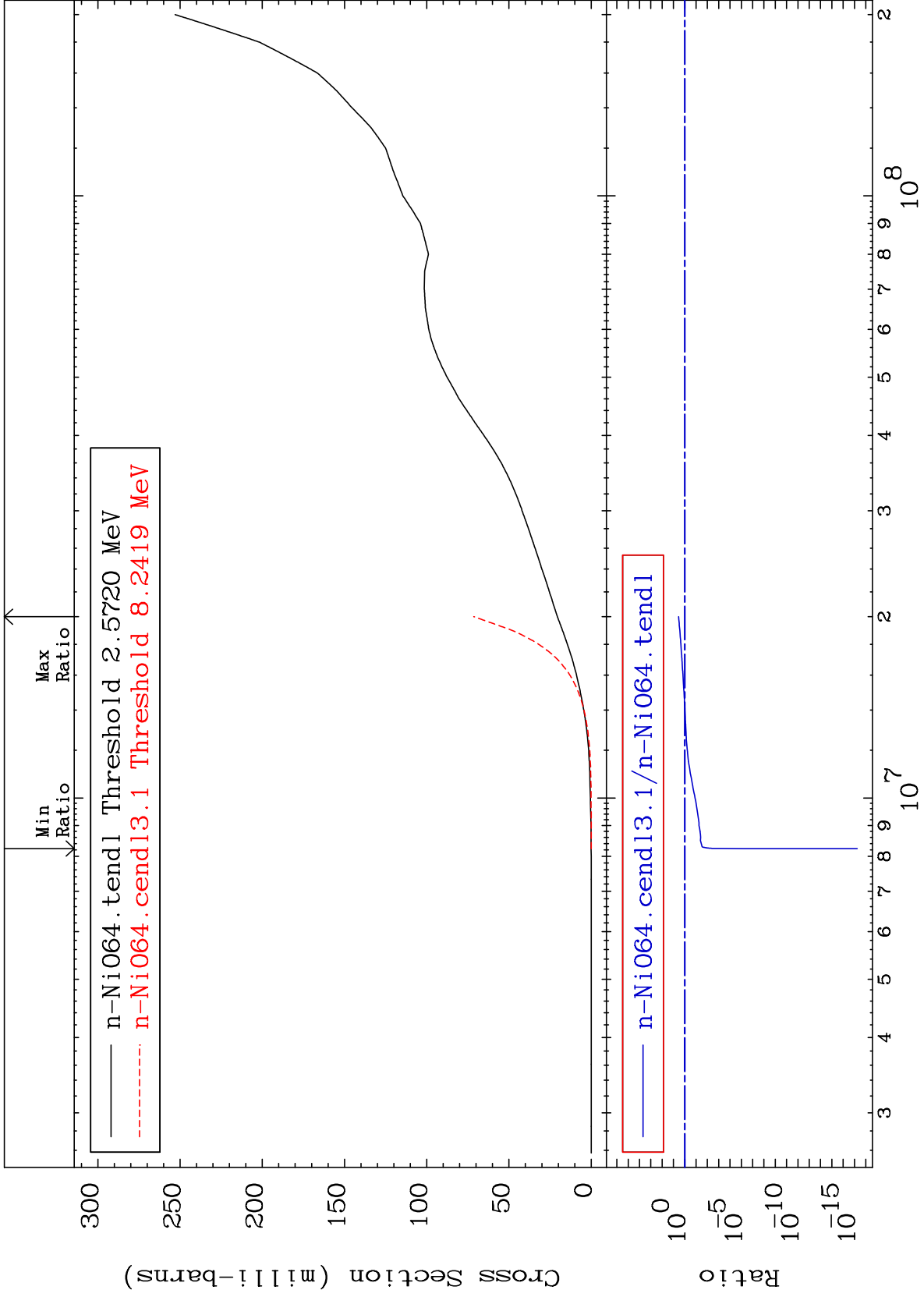


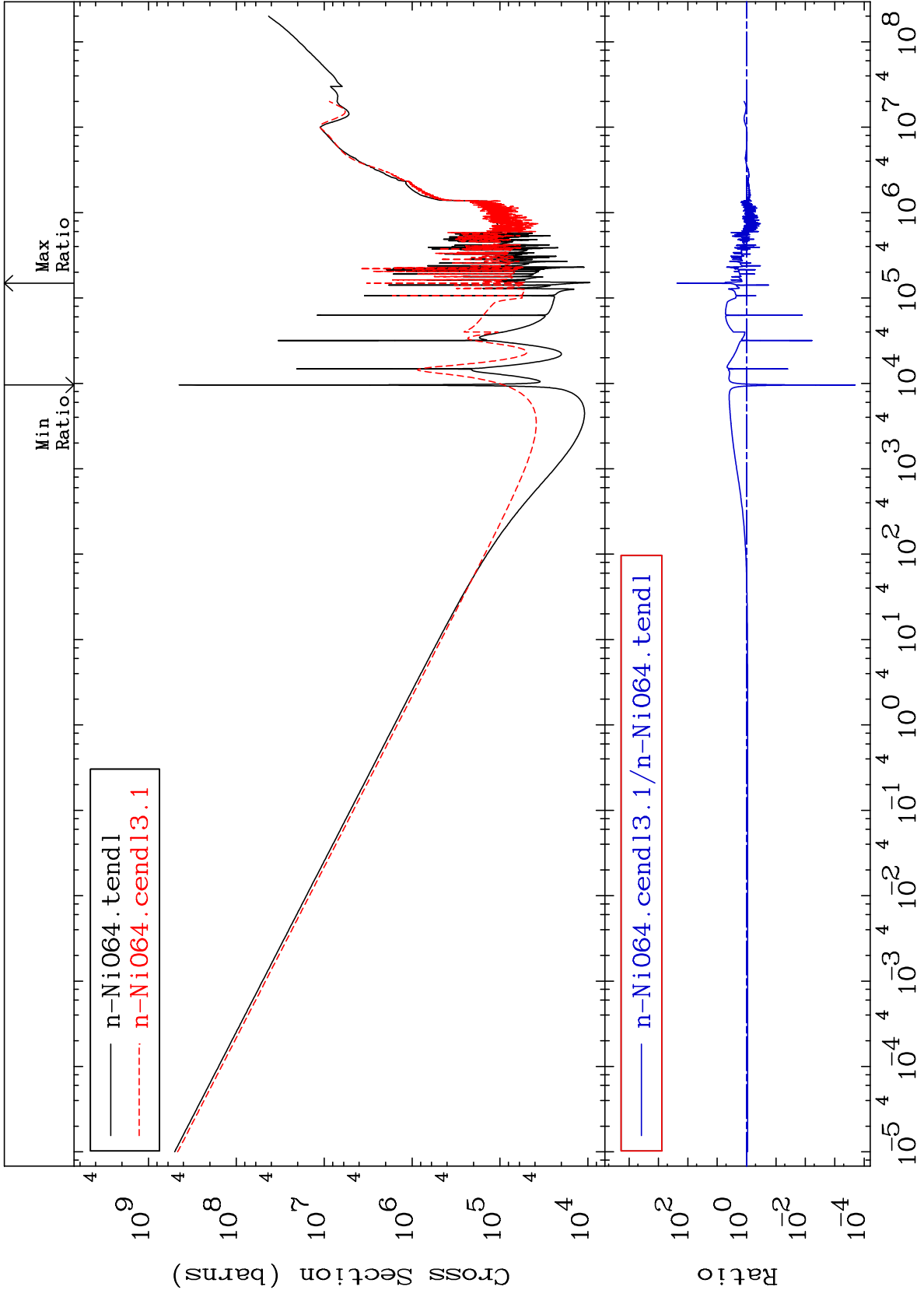


MAT 2843

He-4 Production
Cross Section

28-Ni-64
-100.0 To 246.9 %

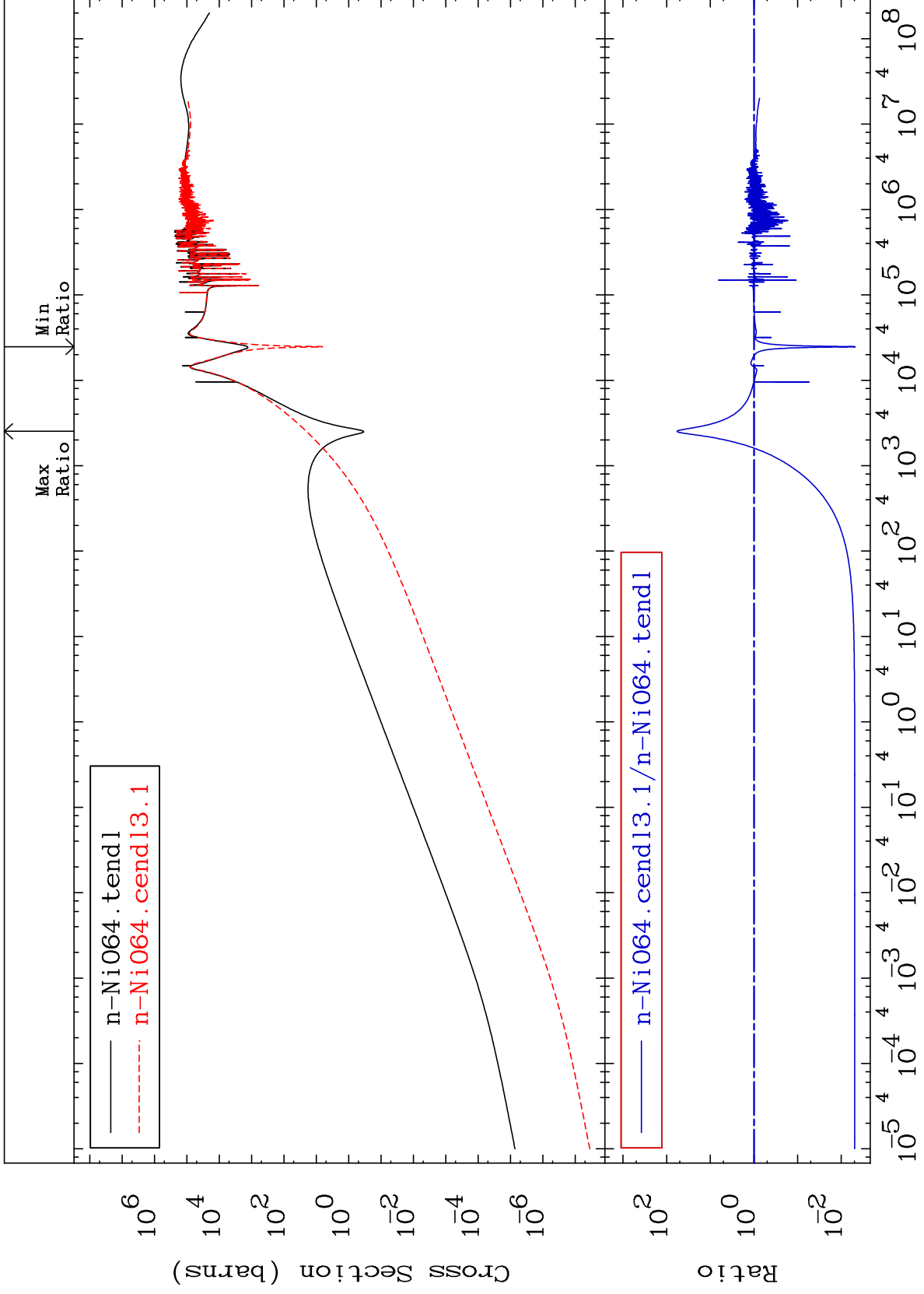




MAT 2843

Kerma elastic
Cross Section

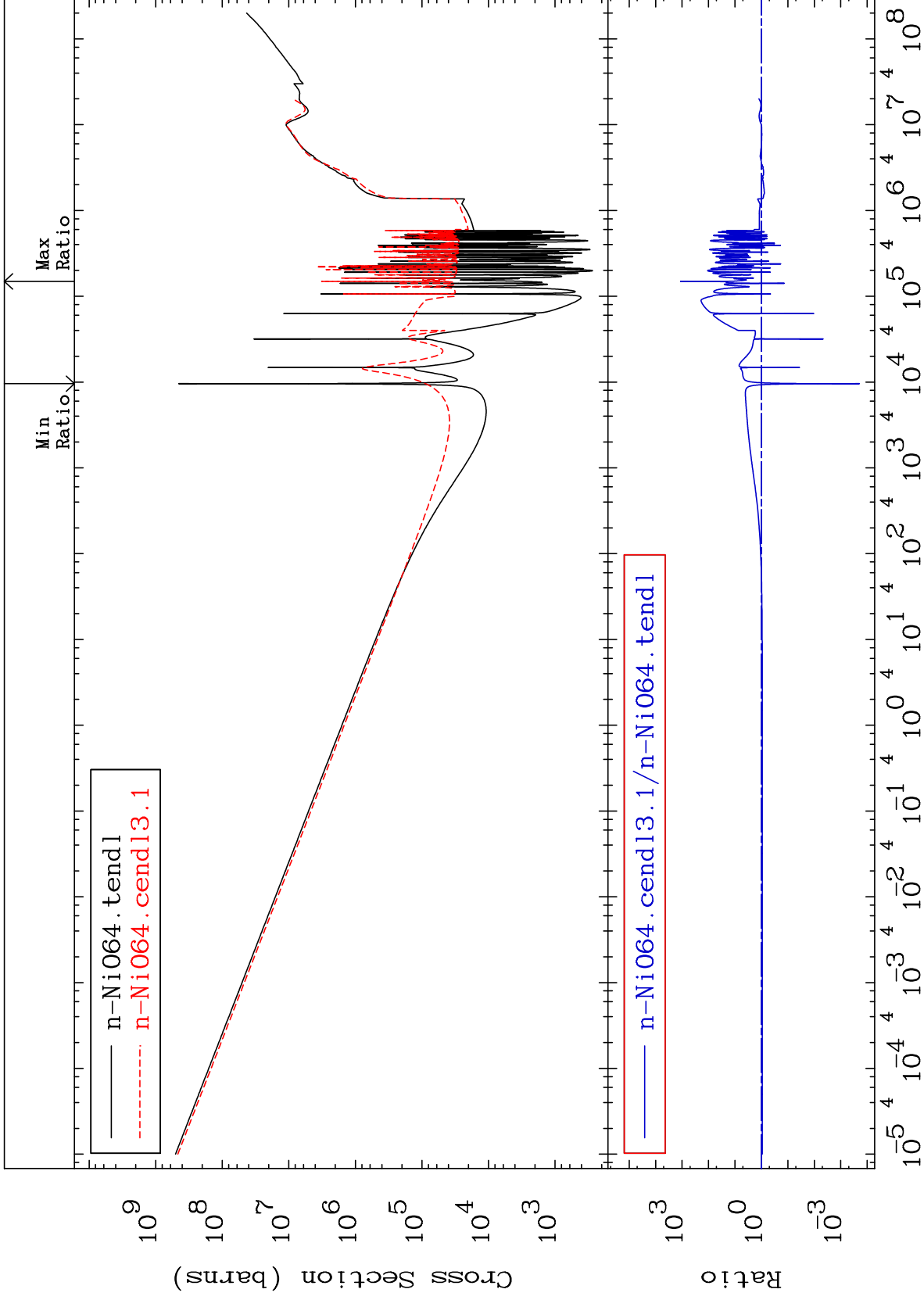
28-Ni-64
-99.52 To 5720. %



MAT 2843

Kerma non-elastic (all but mt2)
Cross Section

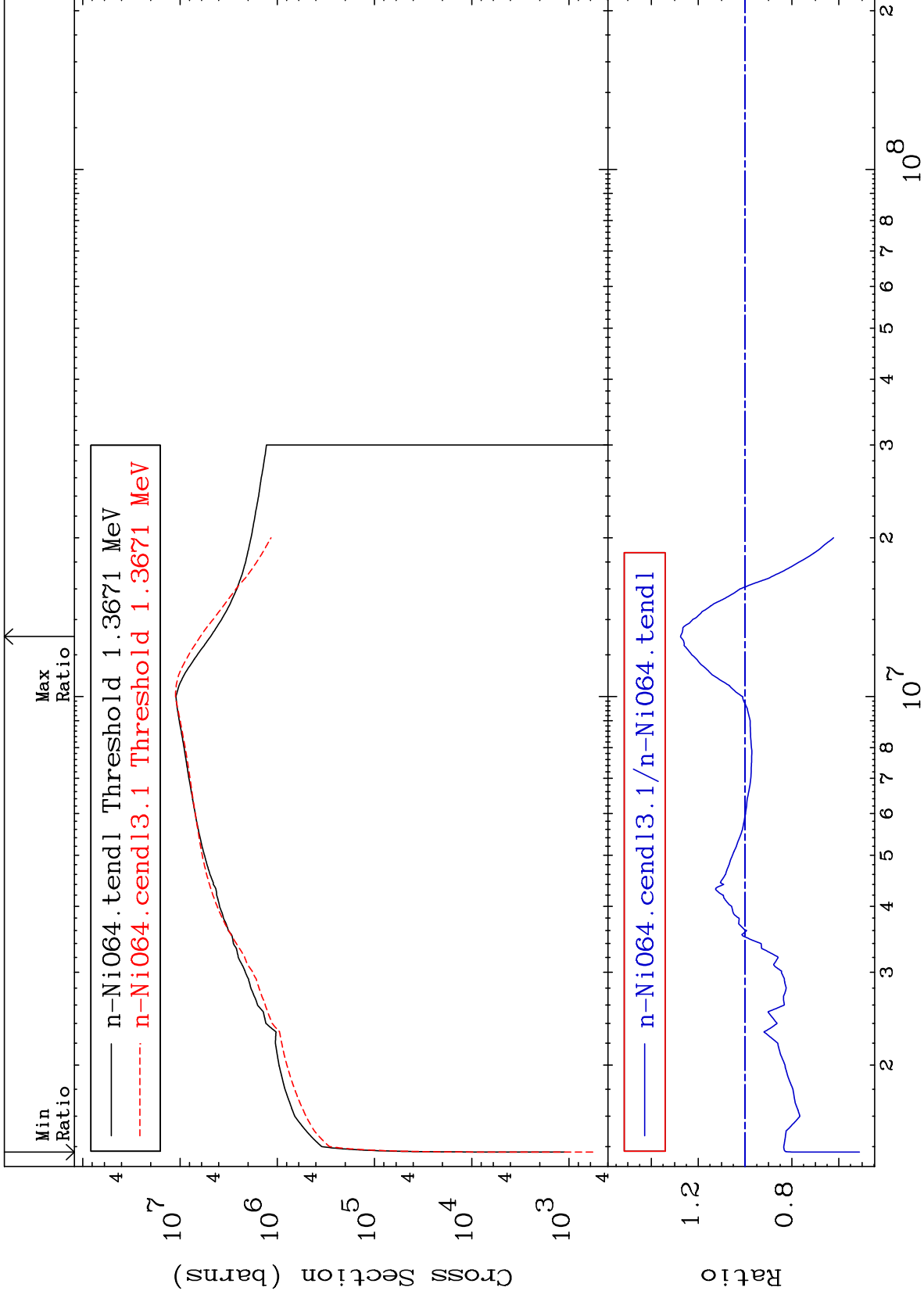
28-Ni-64
-99.98 To 9999. %



26

Incident Energy (eV)

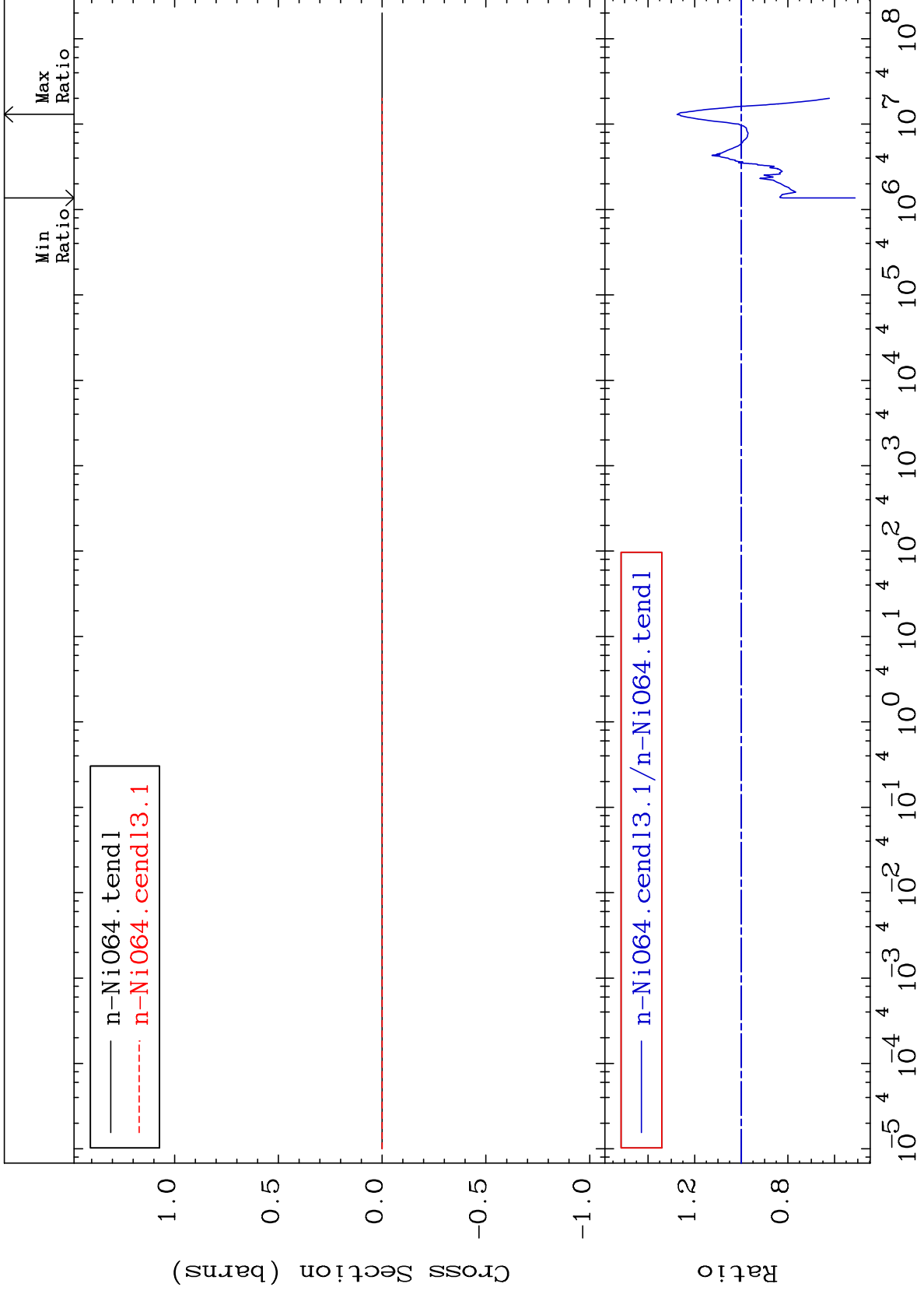
28-Ni-64



MAT 2843

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

28-Ni-64
-48.81 To 27.60 %



28

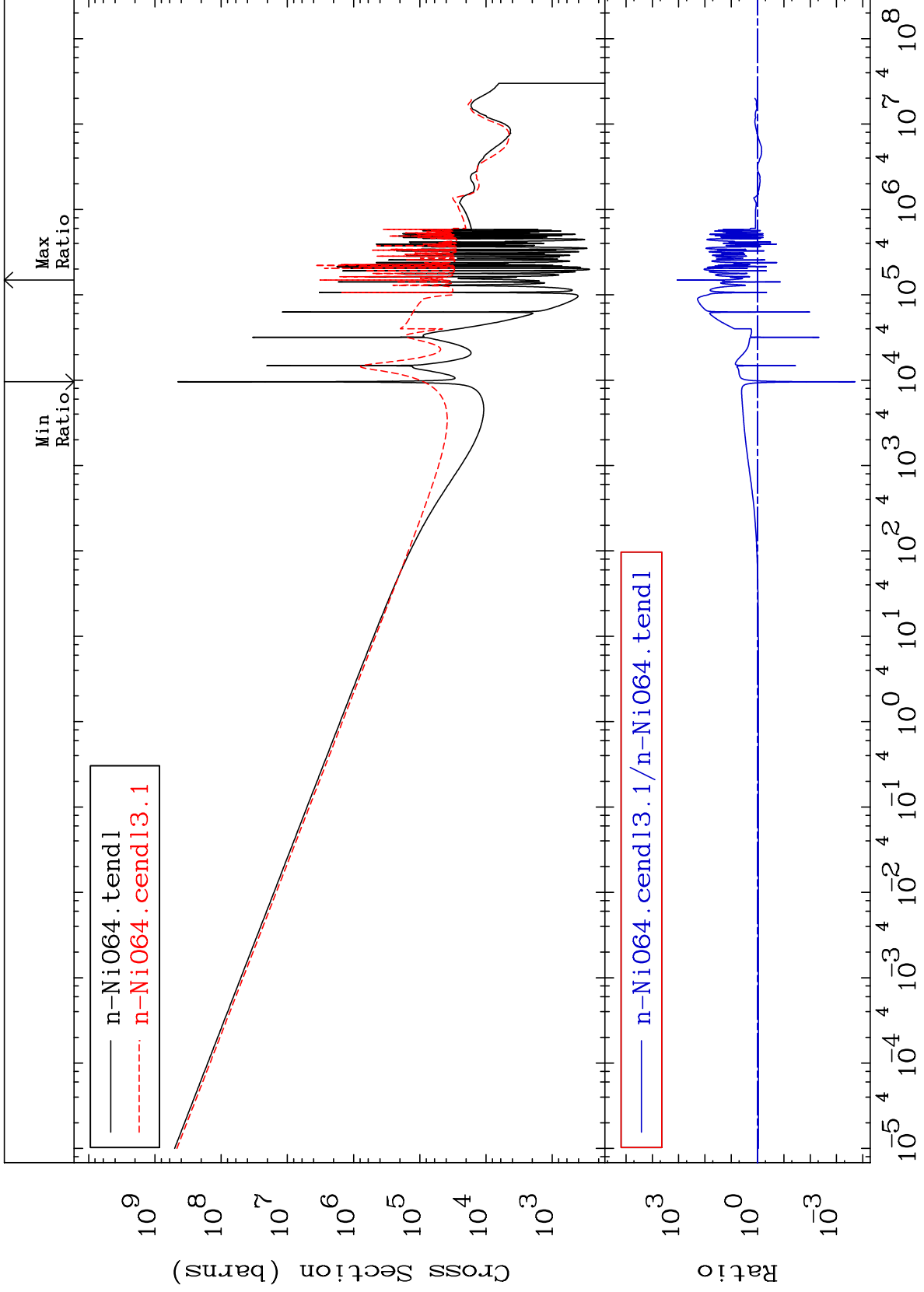
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma capture (mt102)
Cross Section

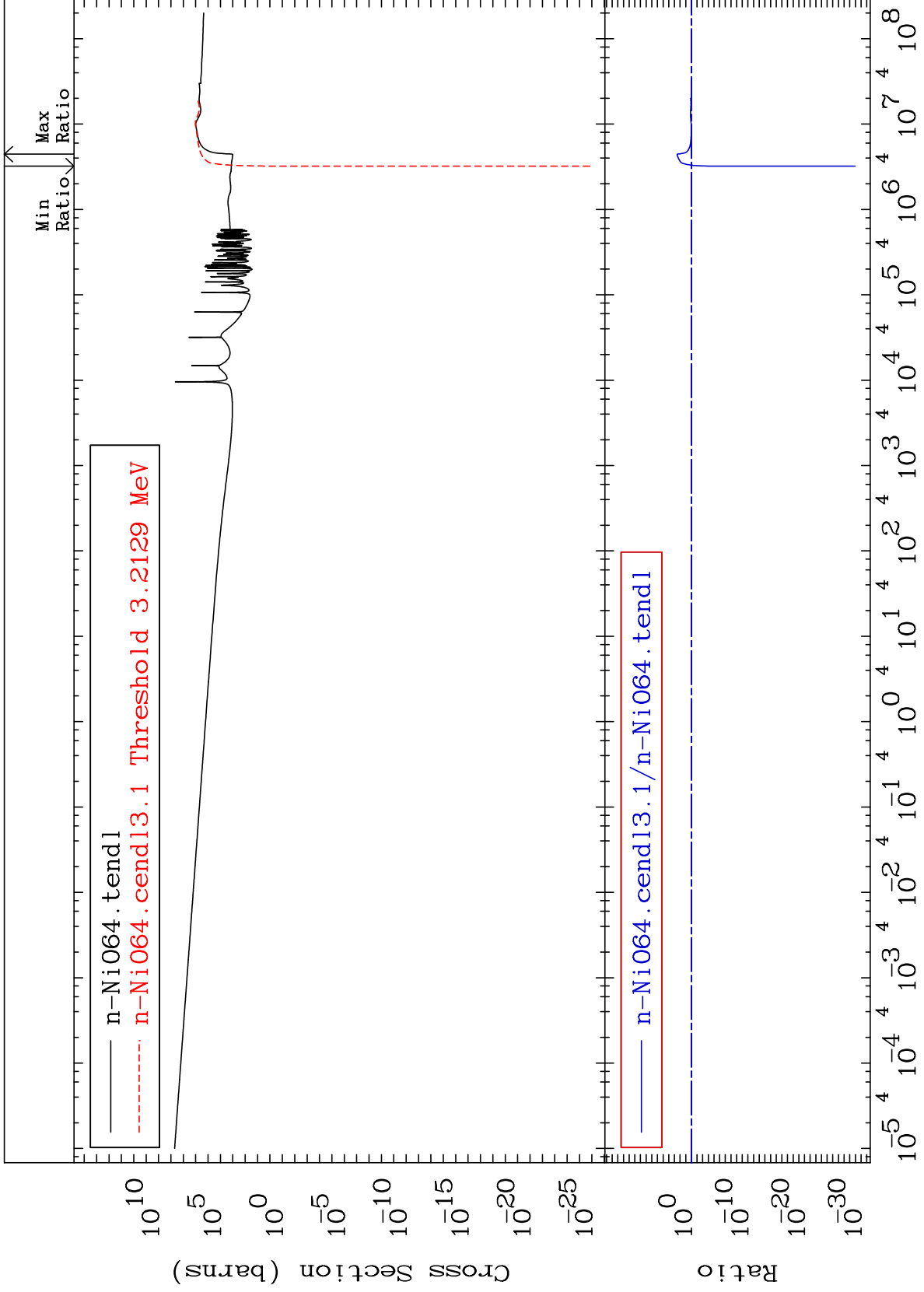
28-Ni-64
-99.98 To 9999. %



MAT 2843

Total photon (eV-barns)
Cross Section

28-Ni-64
-100.0 To 9999. %



30

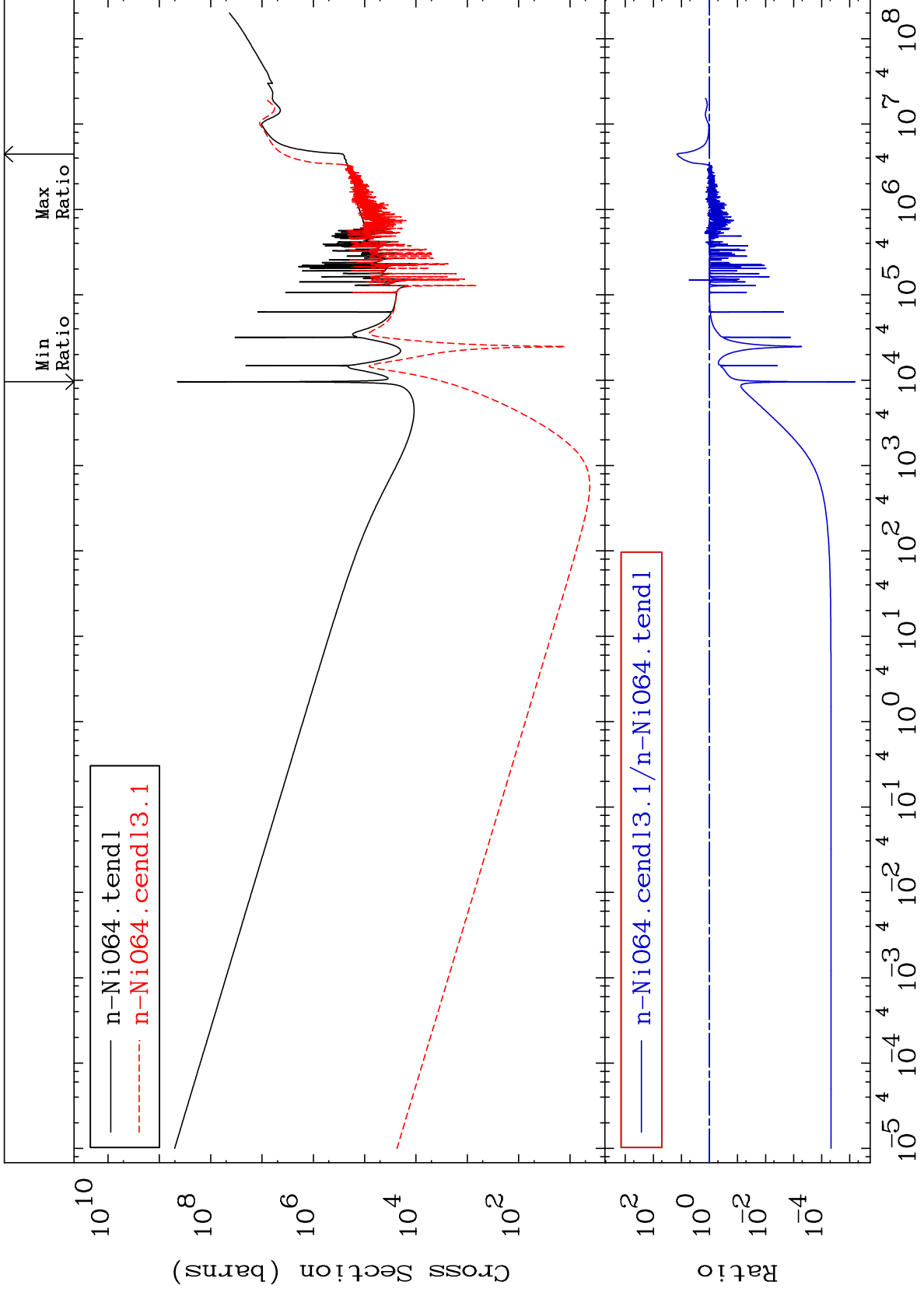
Incident Energy (eV)

28-Ni-64

MAT 2843

Total kinematic kerma (high limit)
Cross Section

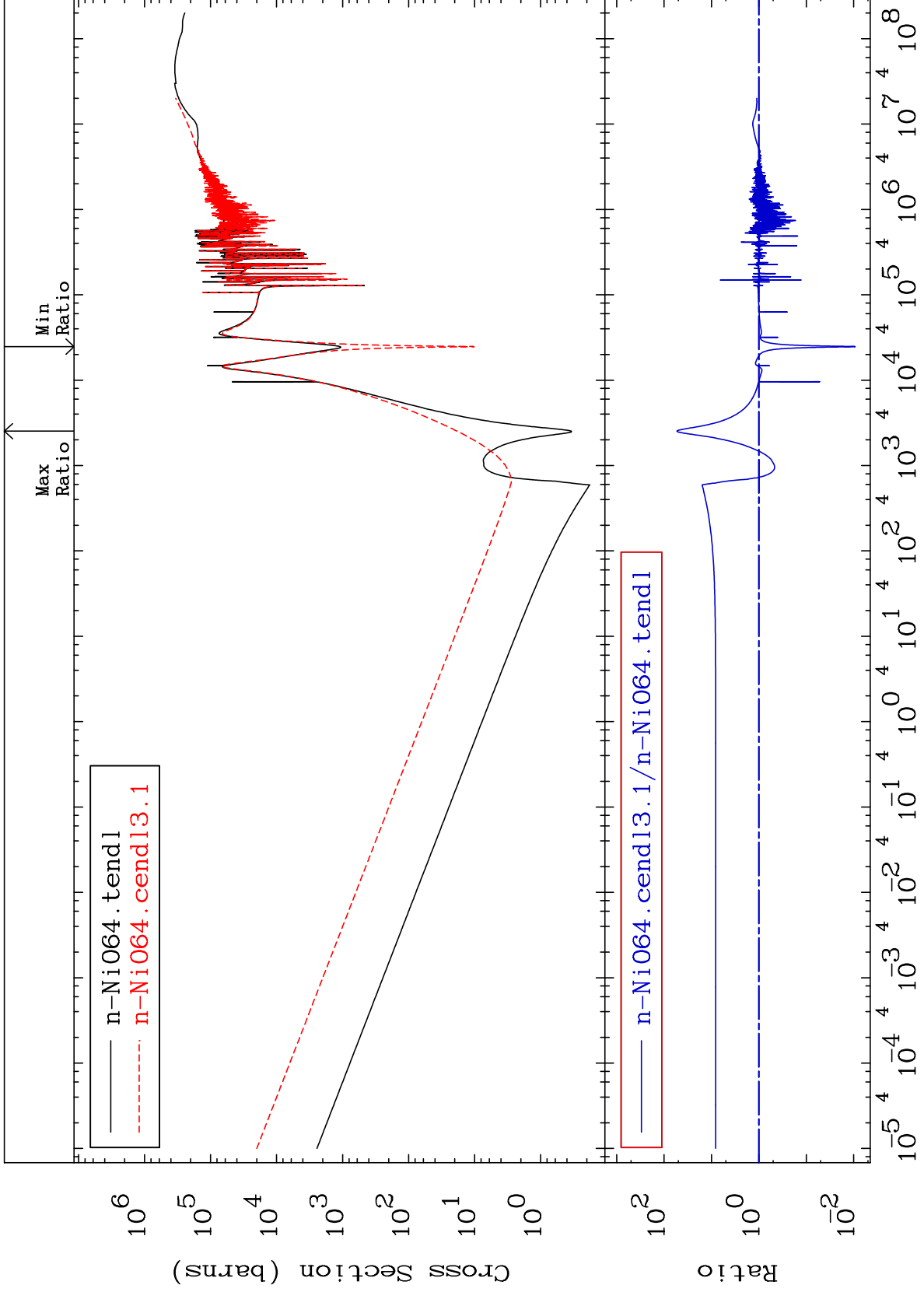
28-Ni-64
-100.0 To 1346. %

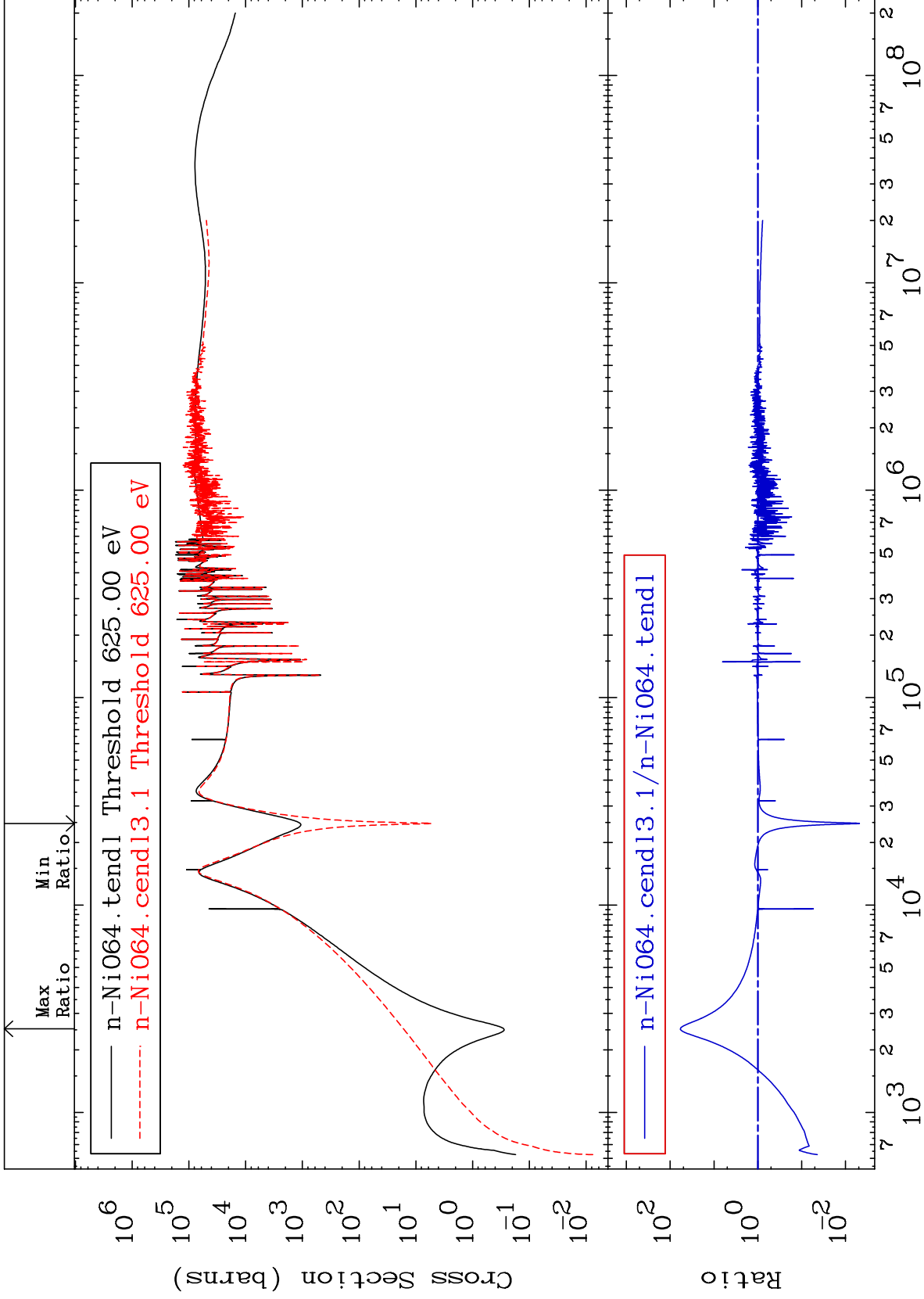


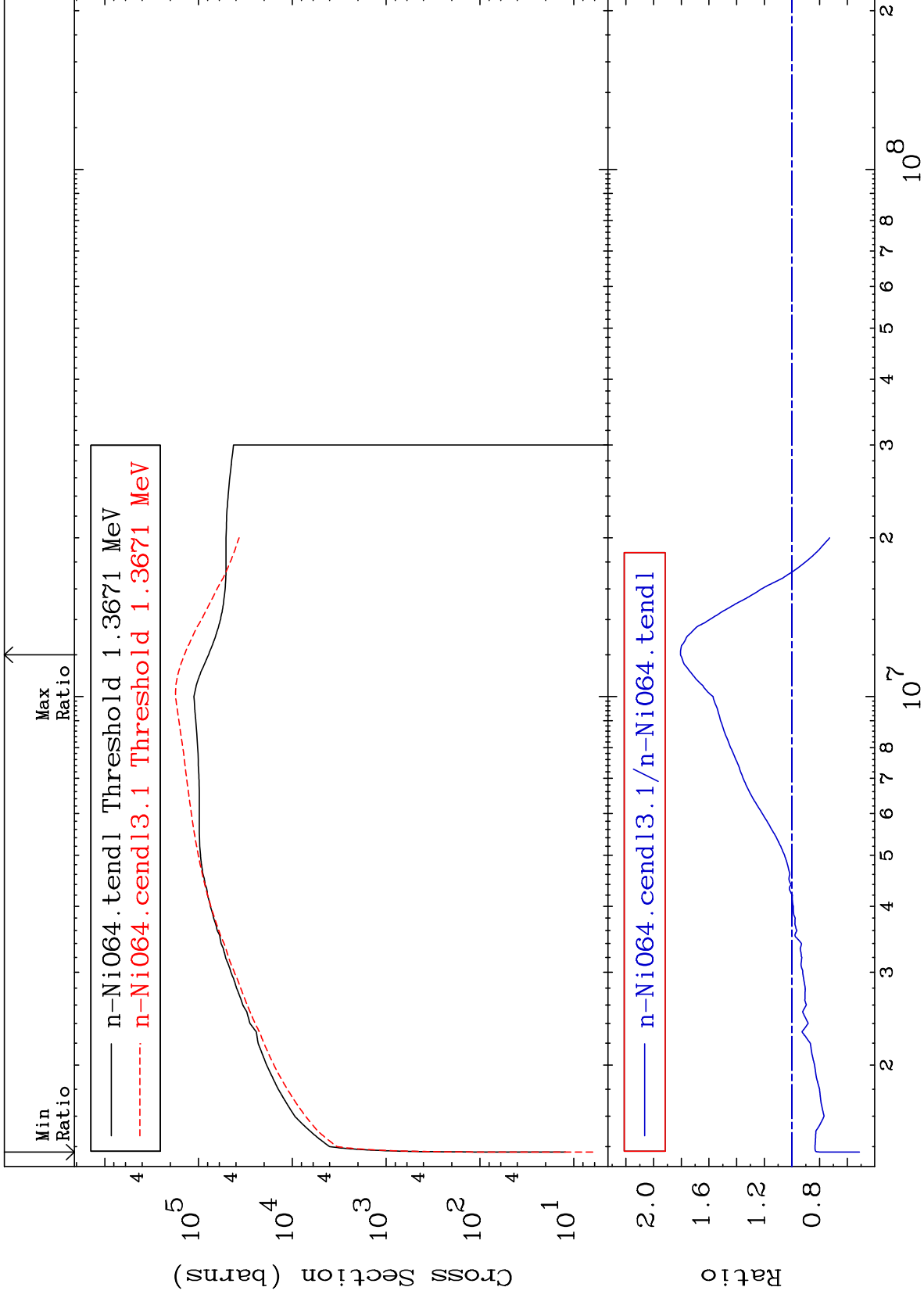
MAT 2843

Dpa total (eV-barns)
Cross Section

28-Ni-64
-99.07 To 5266. %







MAT 2843

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-64
-99.74 To 9999. %

