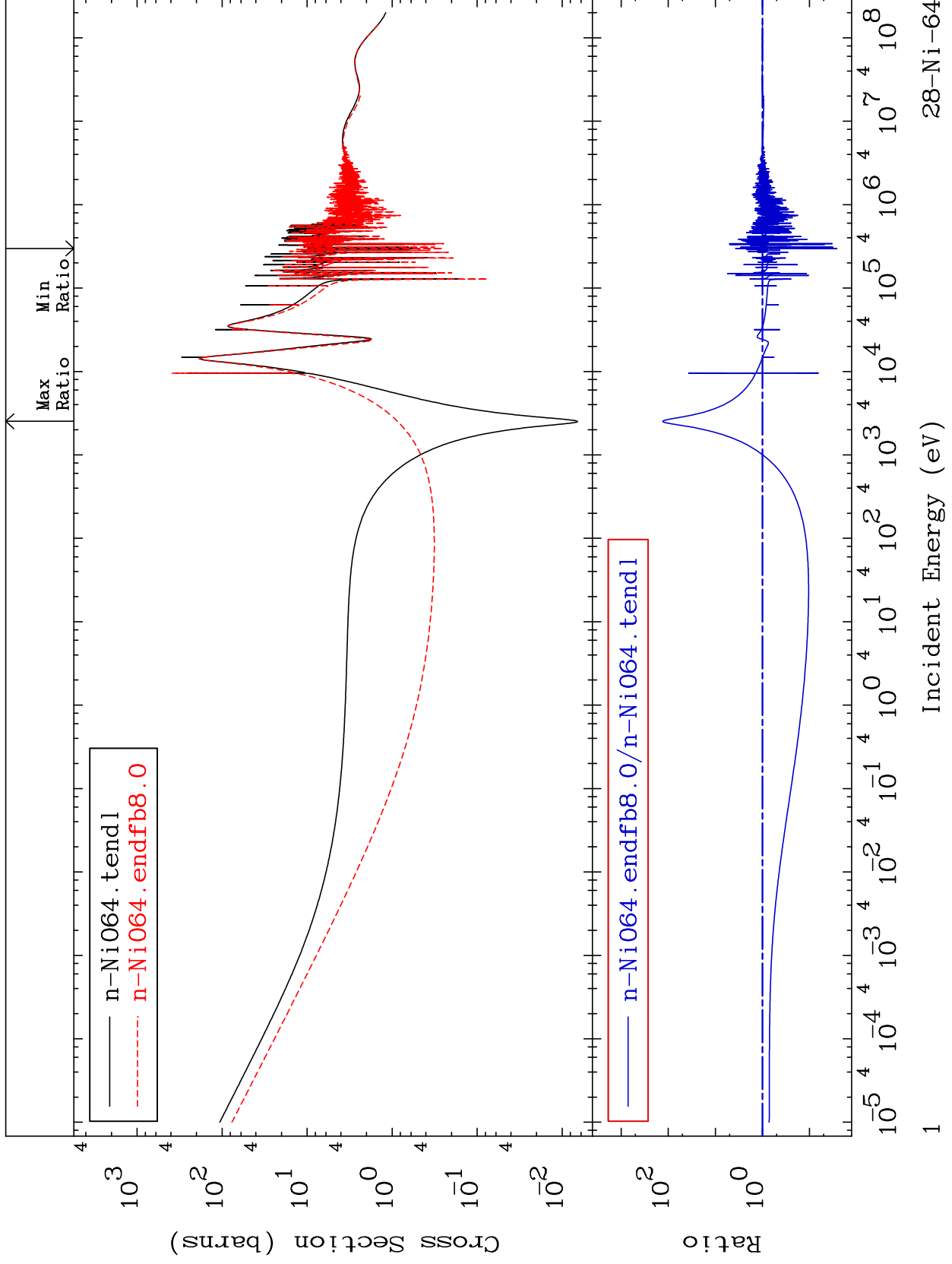


MAT 2843

Total
Cross Section

28-Ni-64
-97.37 To 9999. %



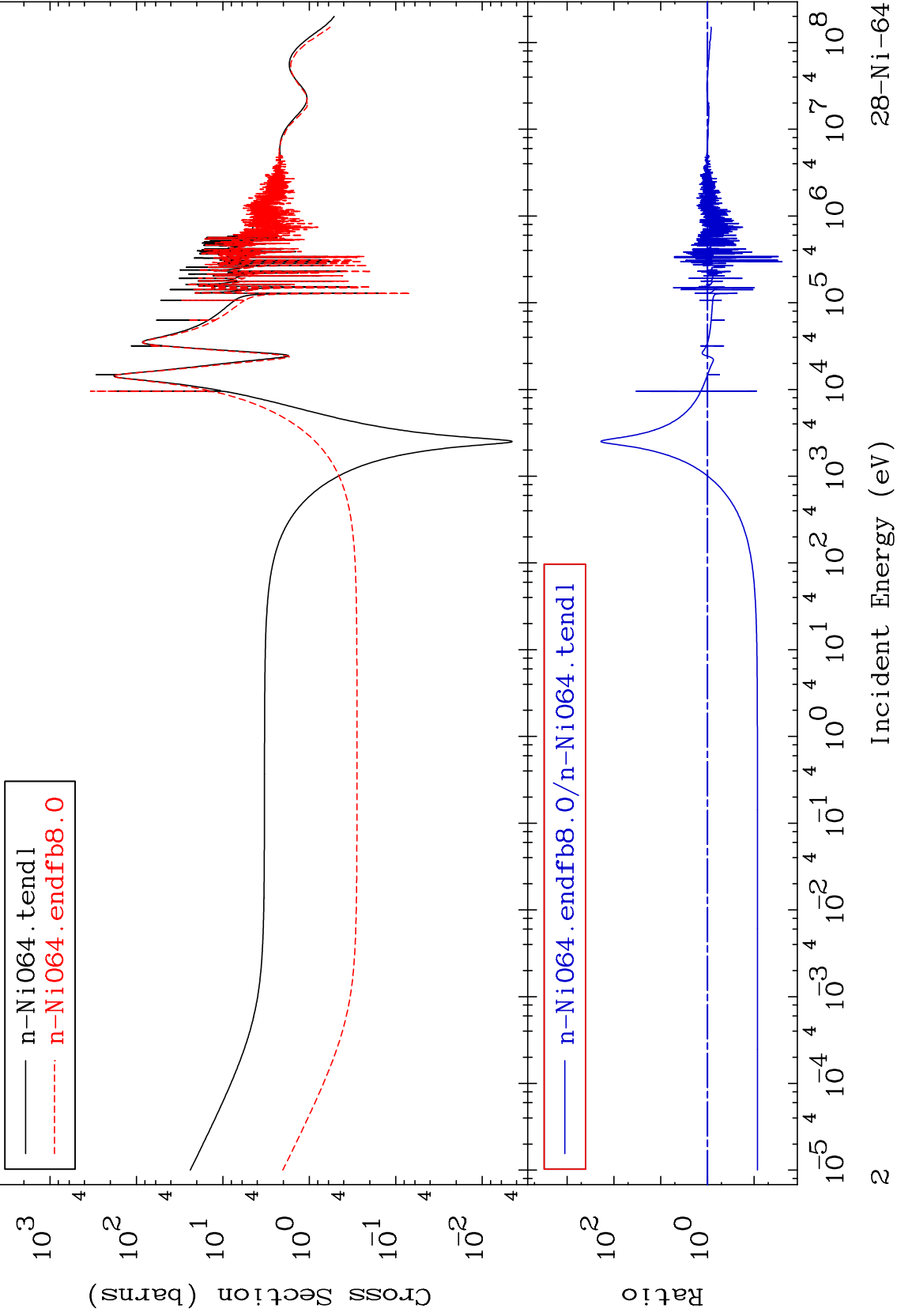
28-Ni-64

Incident Energy (eV)

MAT 2843

Elastic
Cross Section

28-Ni-64
-97.45 To 9999. %

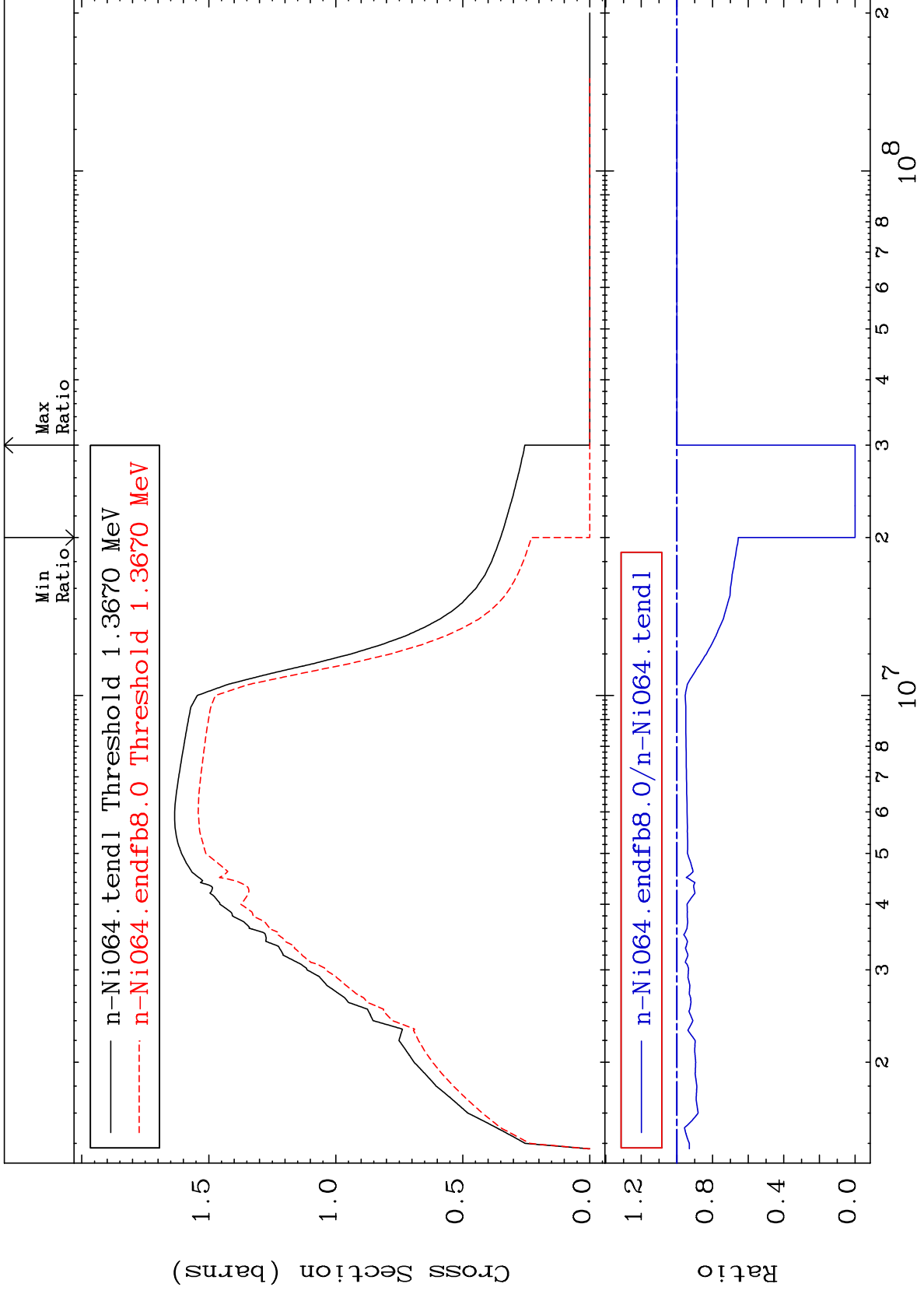


28-Ni-64

MAT 2843

Inelastic
Cross Section

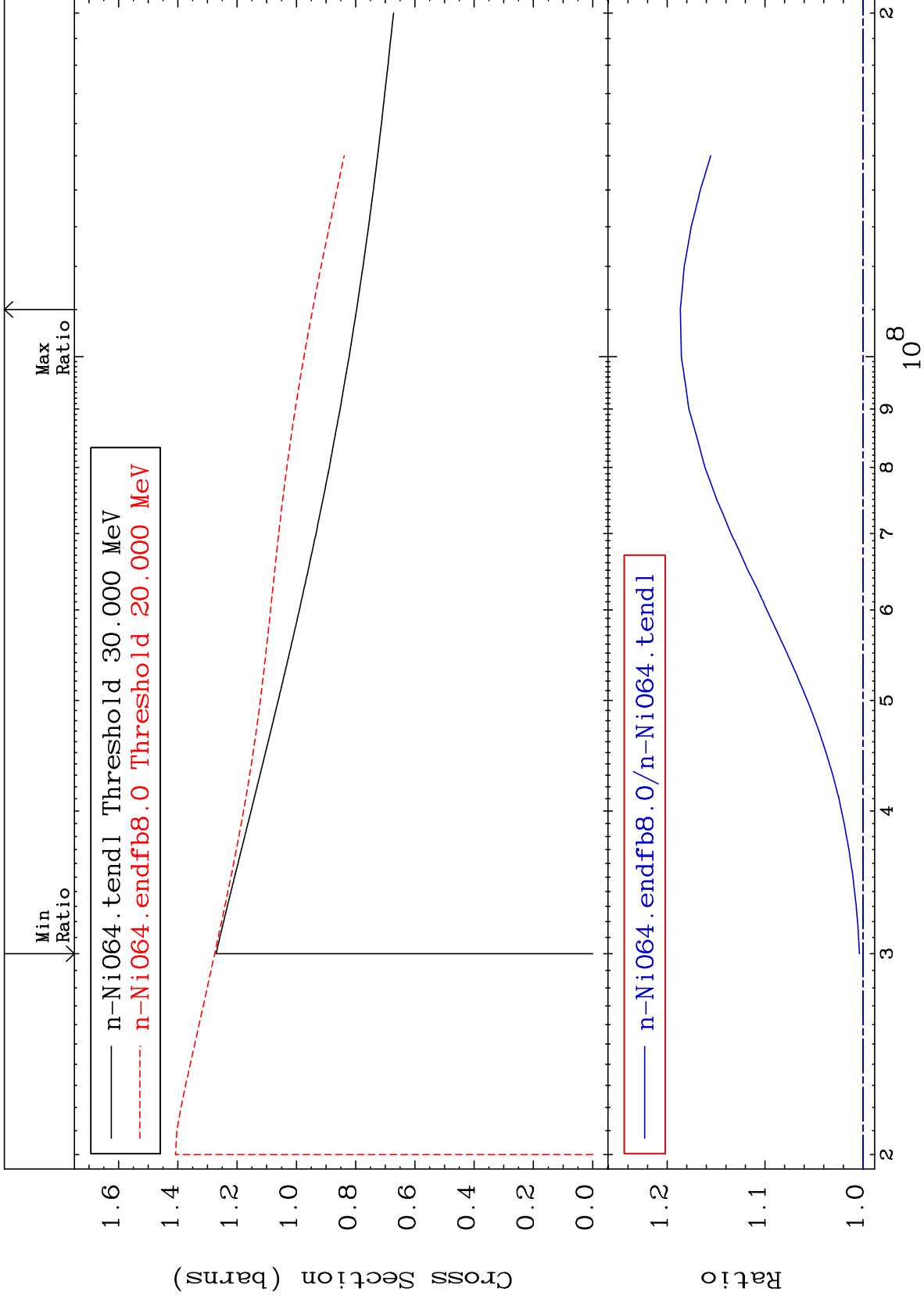
28-Ni-64
-100.0 To 0.000 %



MAT 2843

(n, remainder)
Cross Section

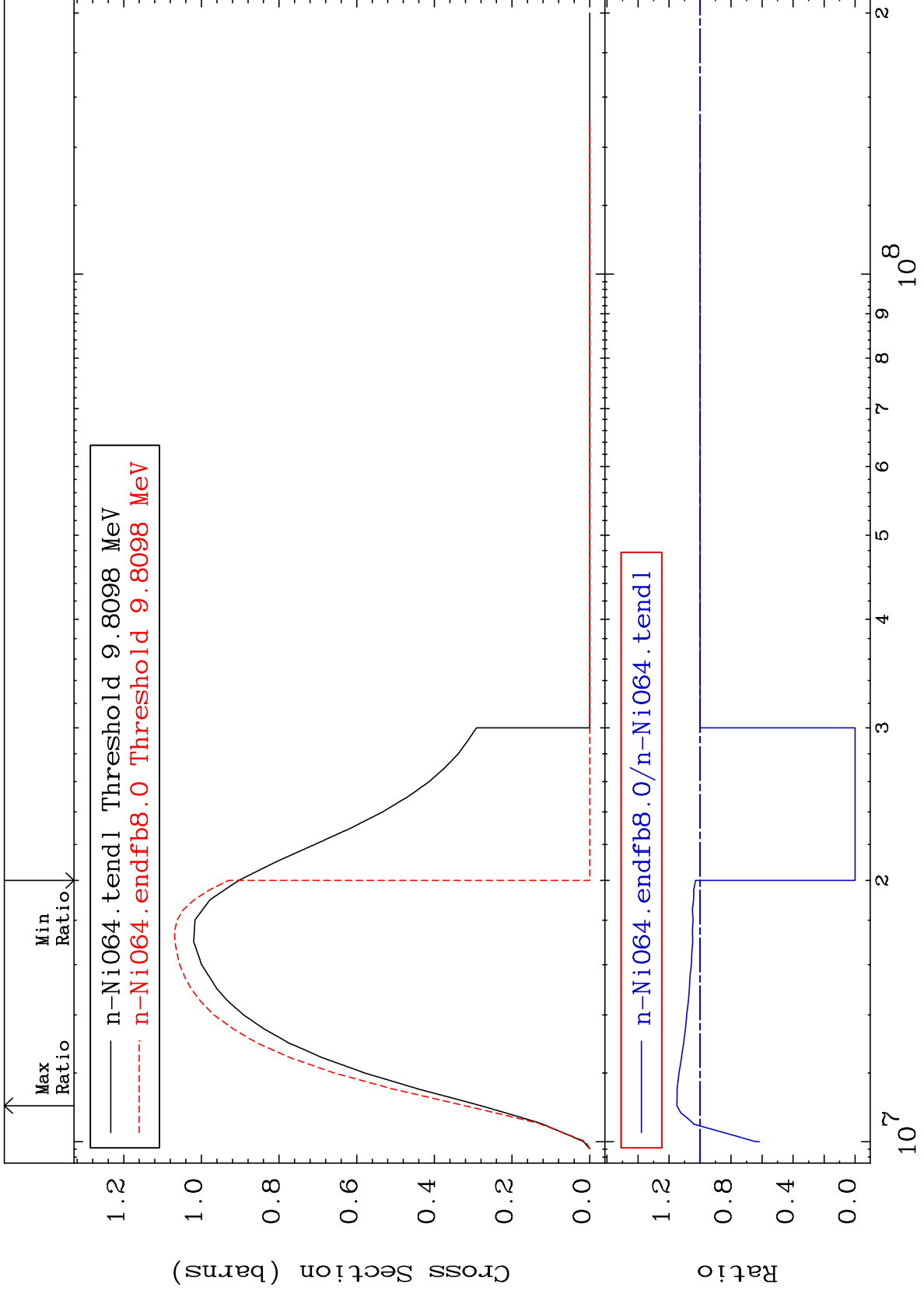
28-Ni-64
0.364 To 18.65 %



MAT 2843

(n,2n)
Cross Section

28-Ni-64
-100.0 To 14.92 %



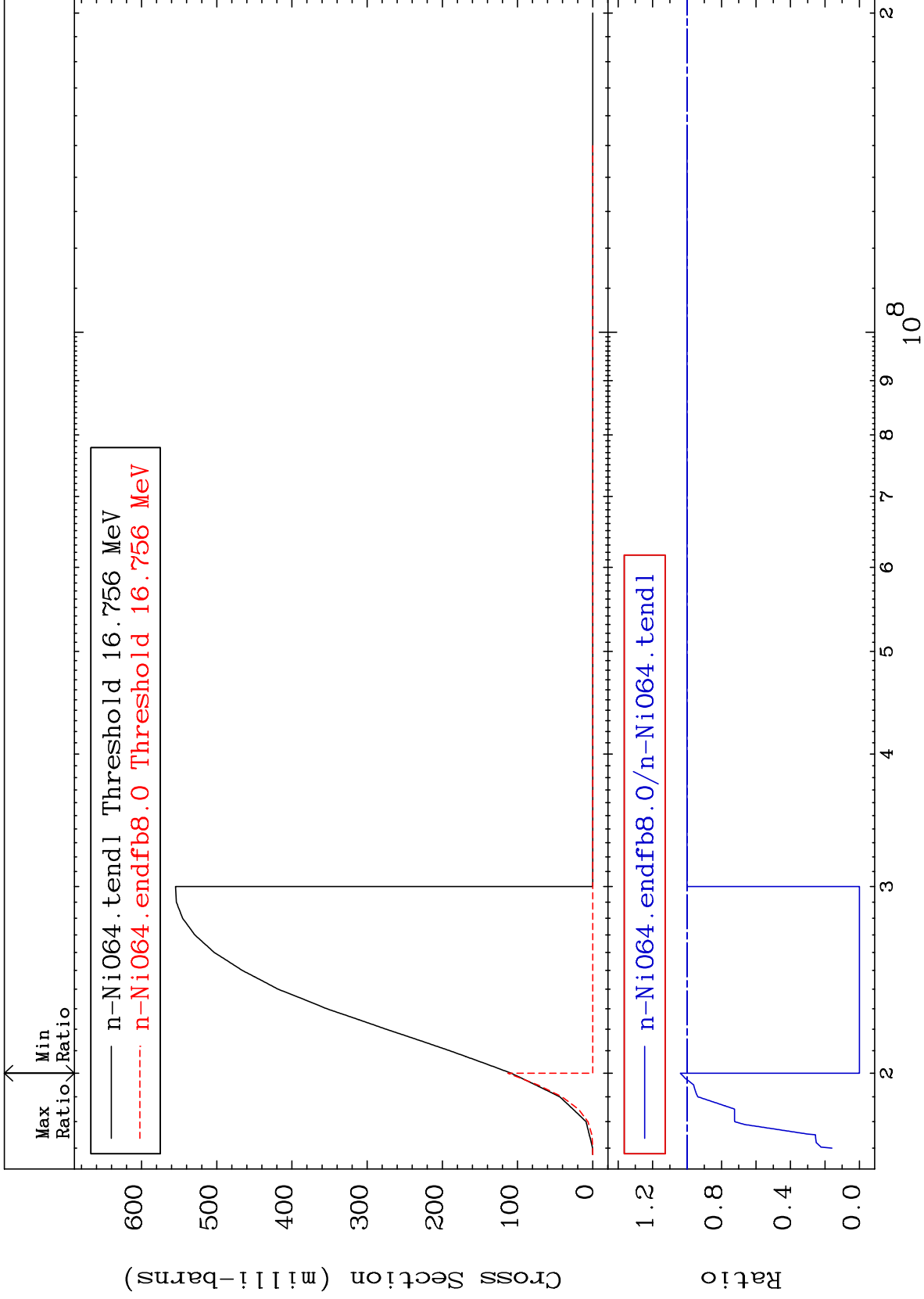
28-Ni-64

5

MAT 2843

(n,3n)
Cross Section

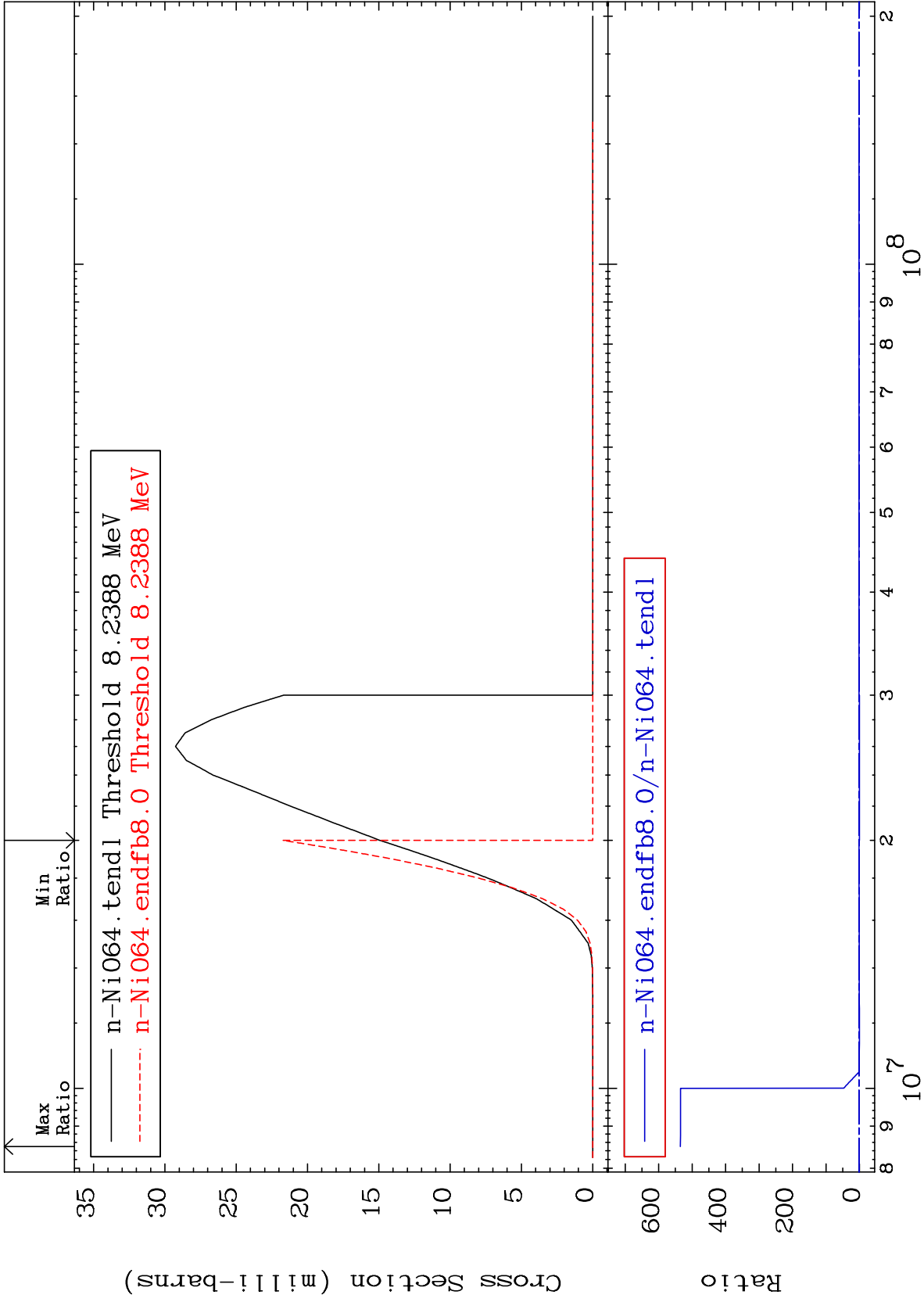
28-Ni-64
-100.0 To 3.896 %



MAT 2843

(n,n') α
Cross Section

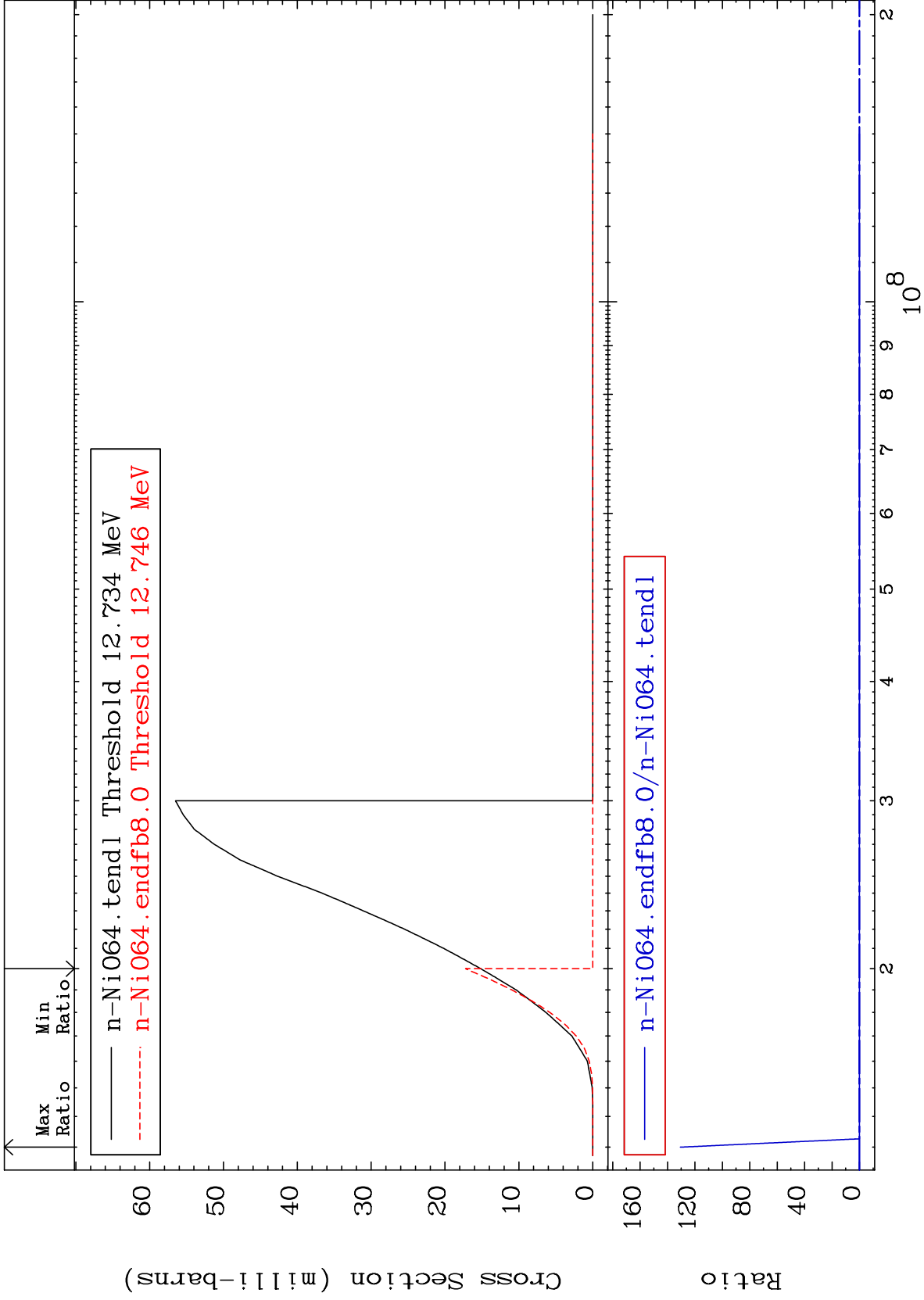
28-Ni-64
-100.0 To 9999. %



MAT 2843

(n,n') p
Cross Section

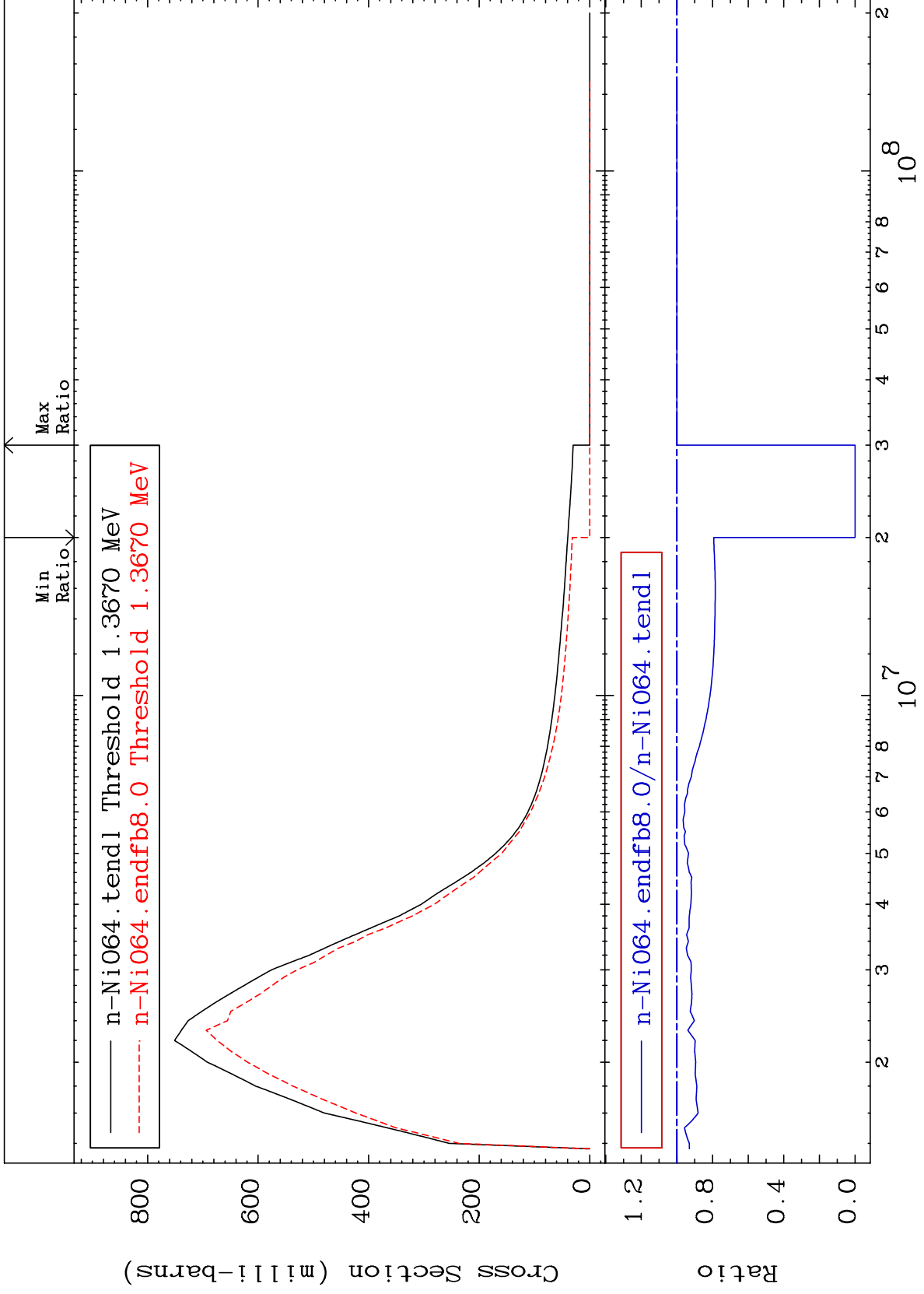
28-Ni-64
-100.0 To 9999. %



MAT 2843

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

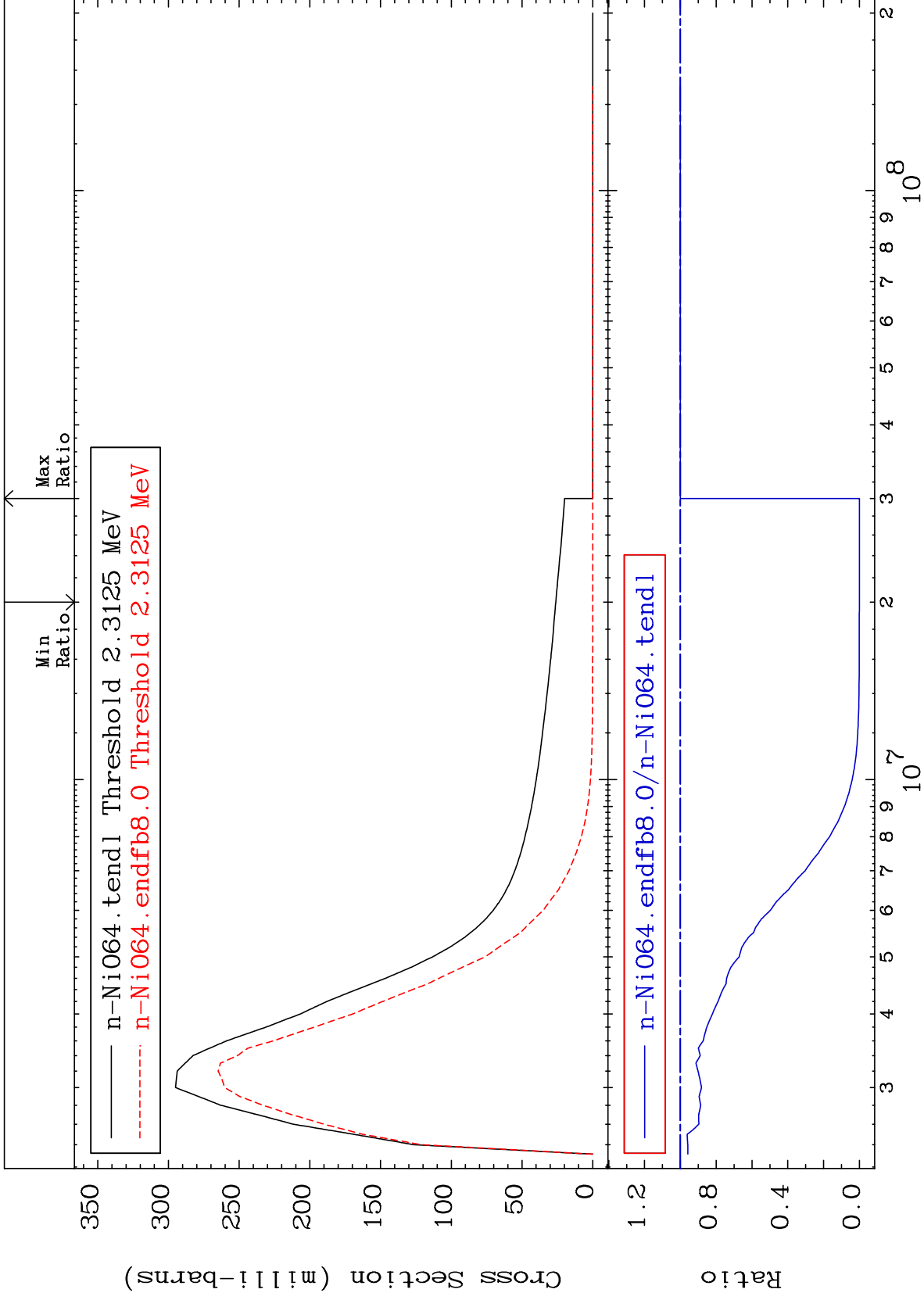
28-Ni-64
-100.0 To 0.000 %



MAT 2843

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

28-Ni-64
-100.0 To 0.000 %



10

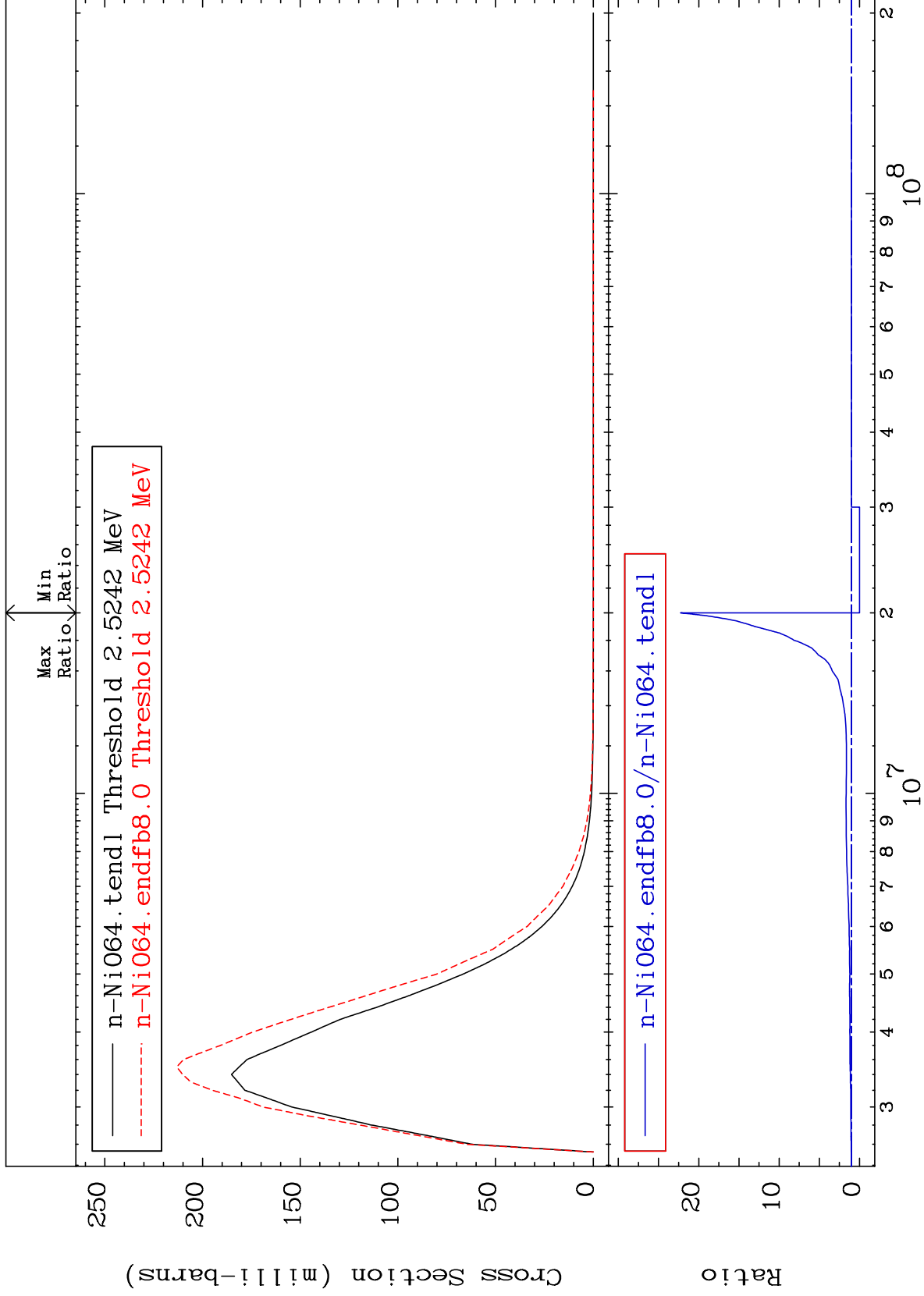
Incident Energy (eV)

28-Ni-64

MAT 2843

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

28-Ni-64
-100.0 To 2123. %



11

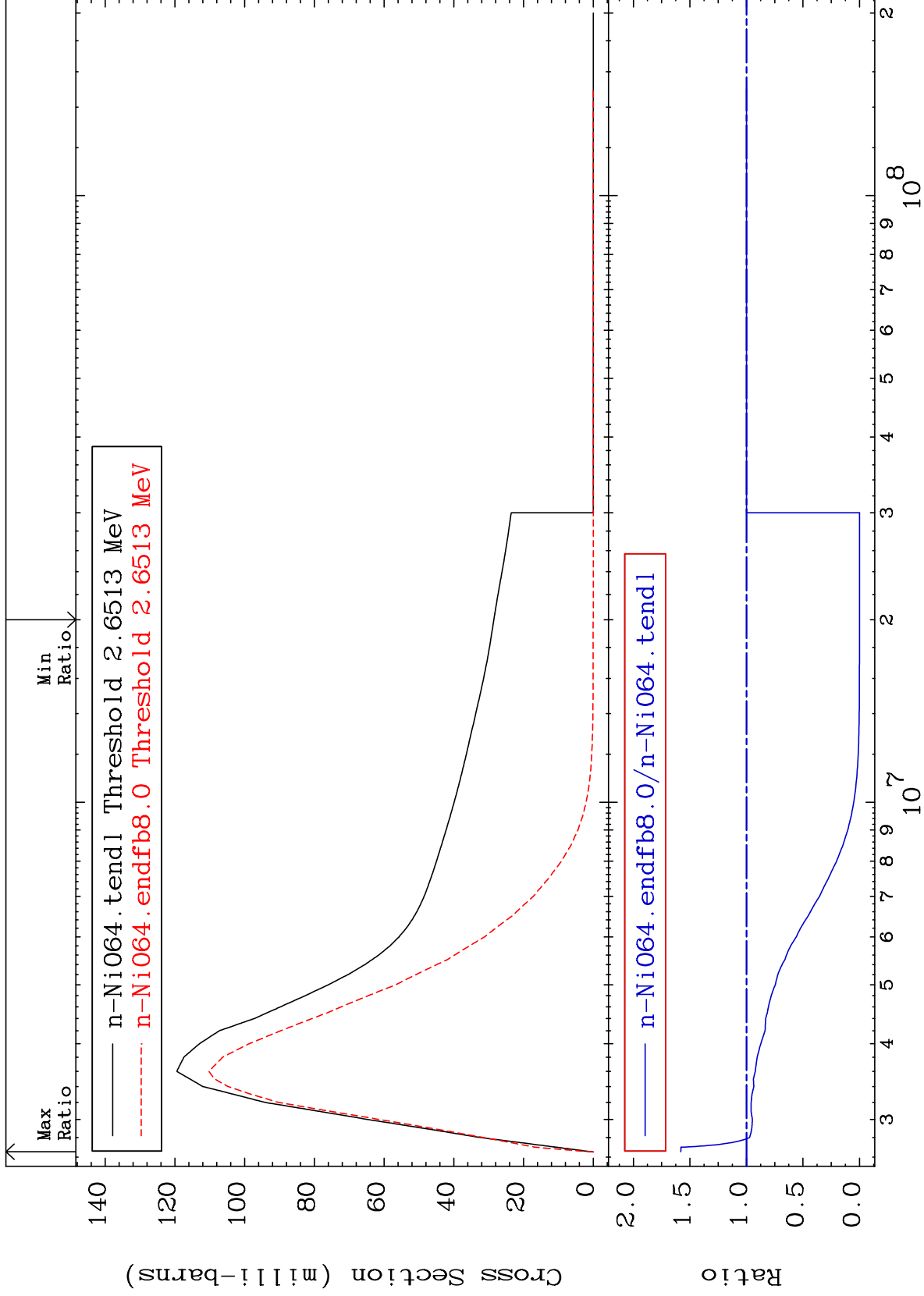
Incident Energy (eV)

28-Ni-64

MAT 2843

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

28-Ni-64
-100.0 To 58.09 %



12

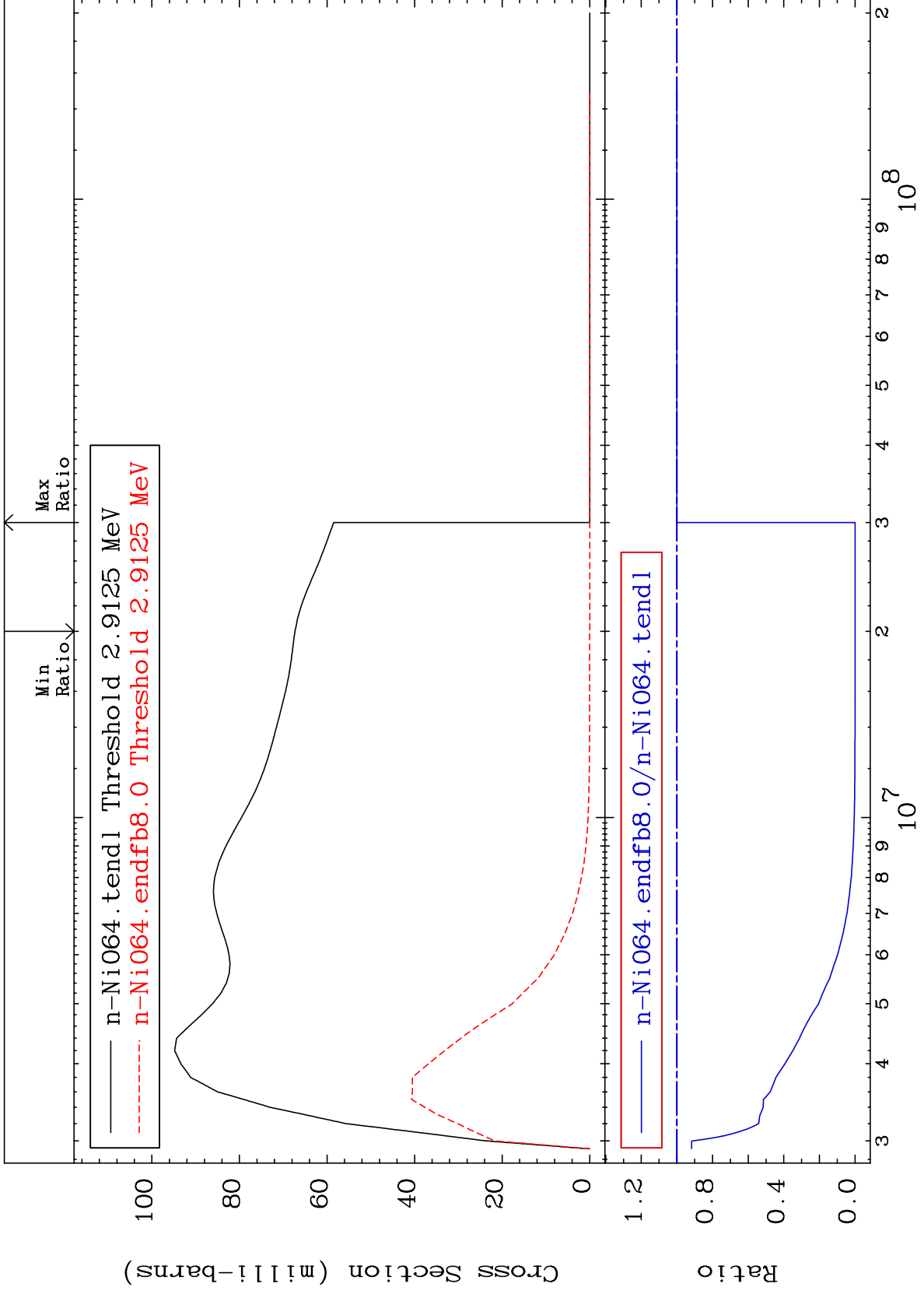
Incident Energy (eV)

28-Ni-64

MAT 2843

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

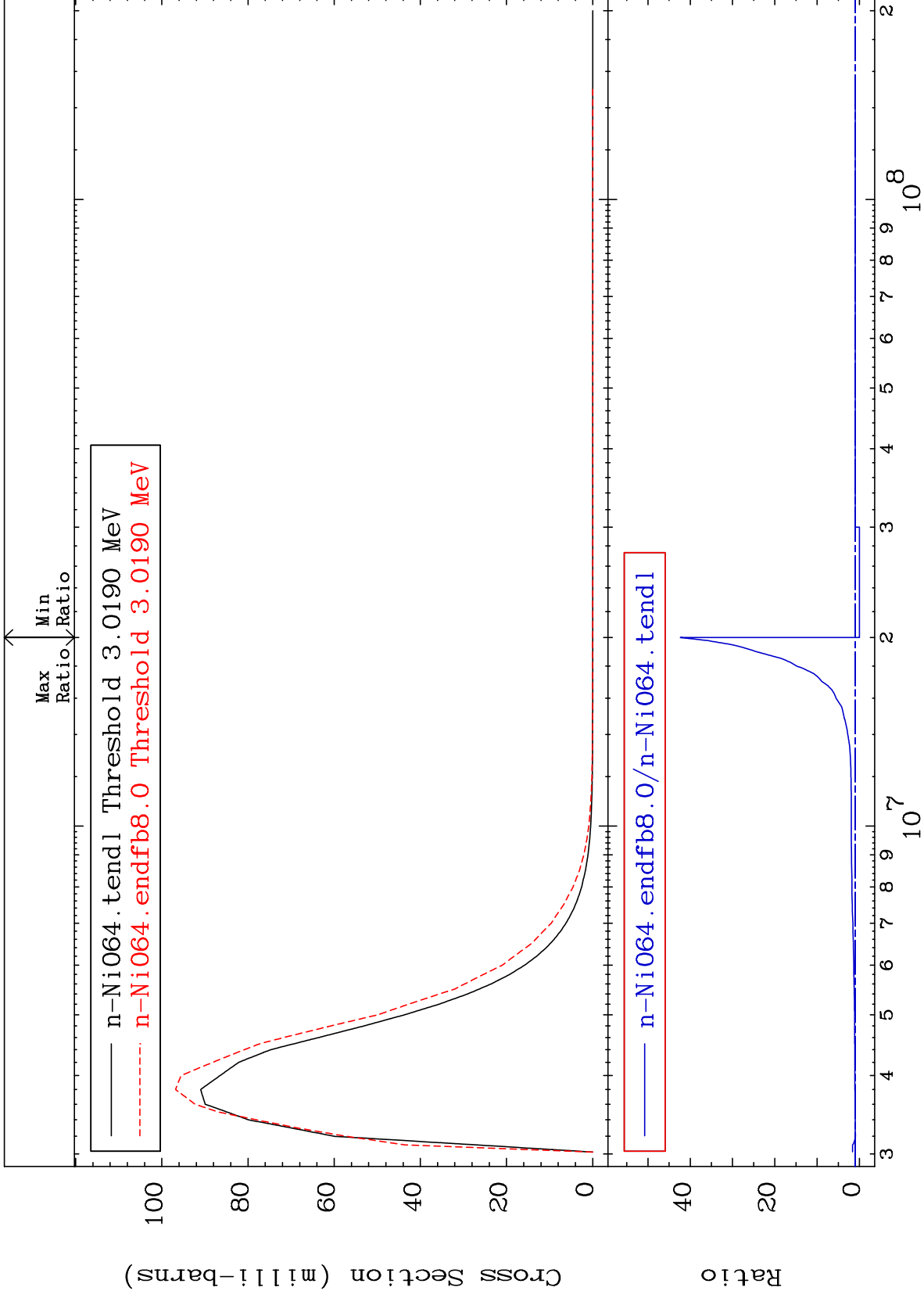
28-Ni-64
-100.0 To 0.000 %



MAT 2843

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

28-Ni-64
-100.0 To 4134. %



14

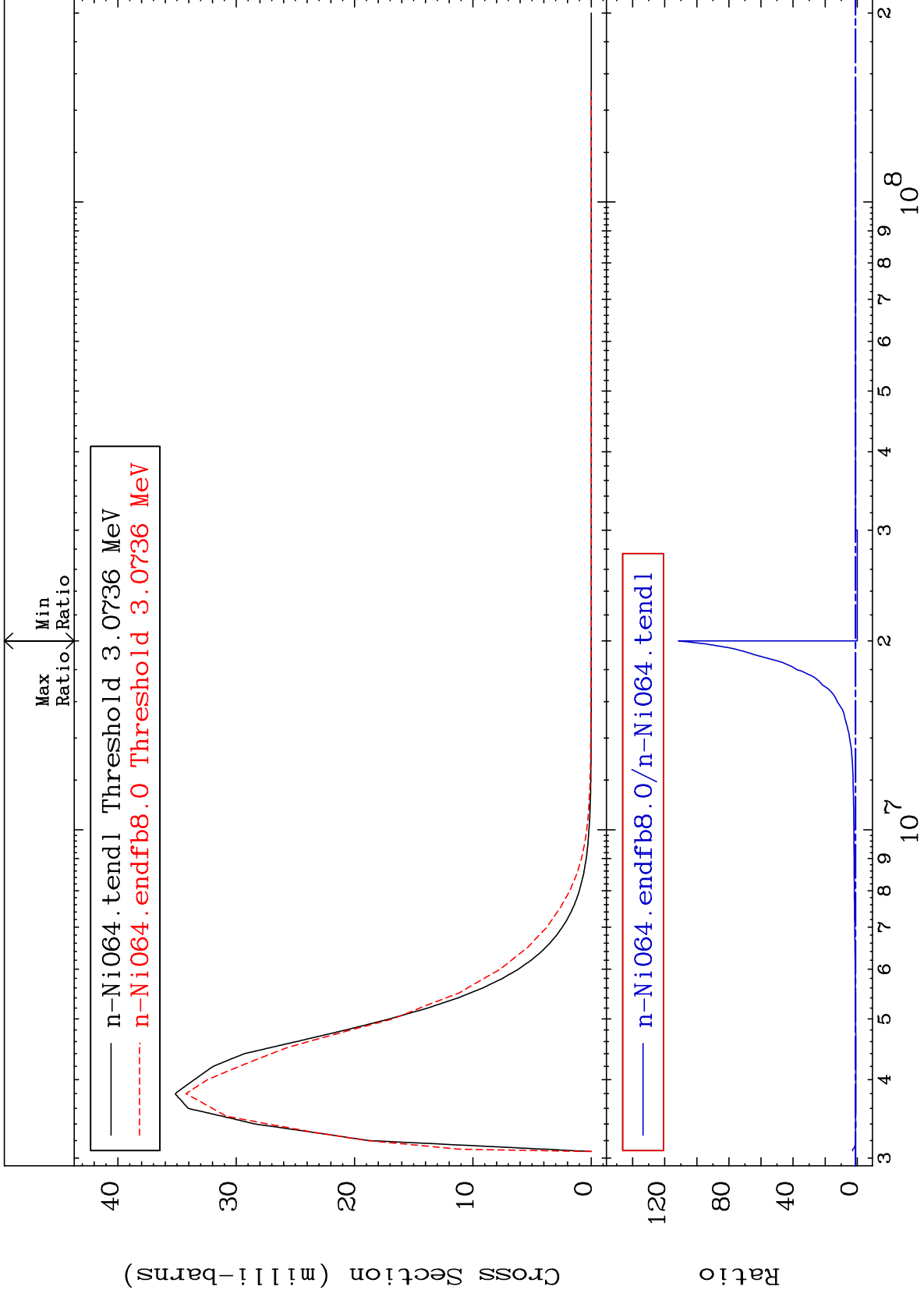
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 57 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 9999. %



15

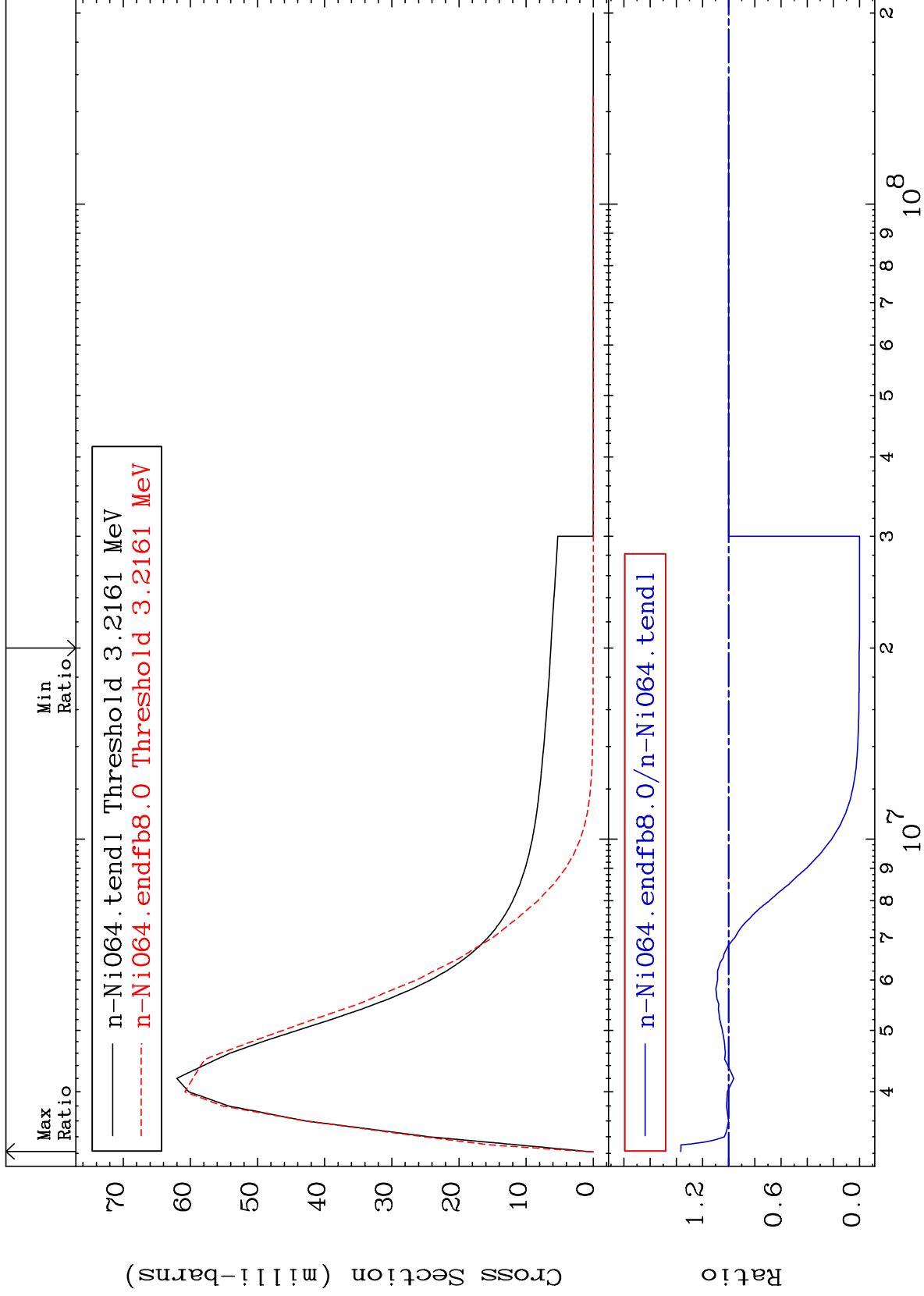
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 58 (n,n') Level
Cross Section

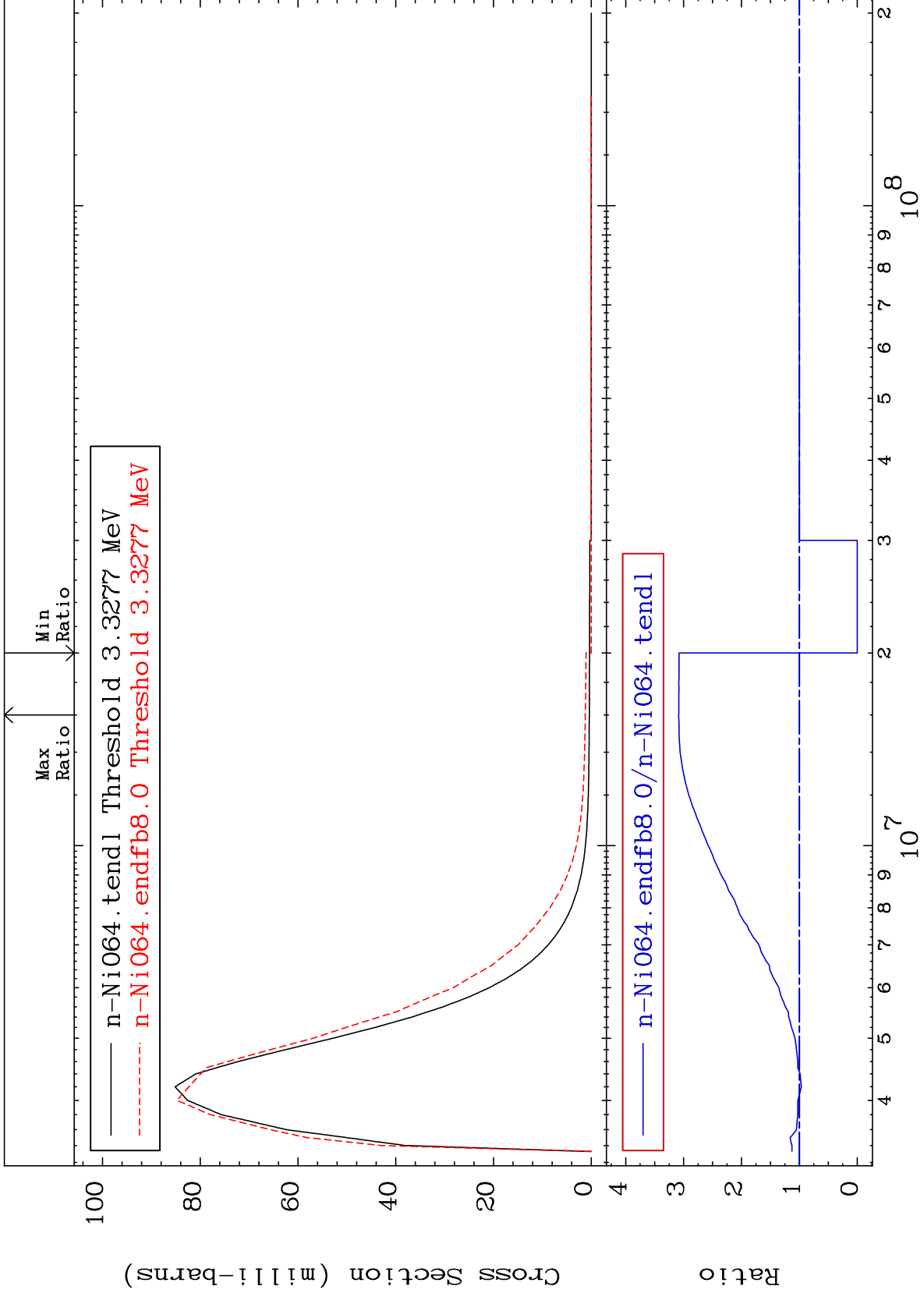
28-Ni-64
-100.0 To 36.60 %



MAT 2843

MT= 59 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 208.6 %



17

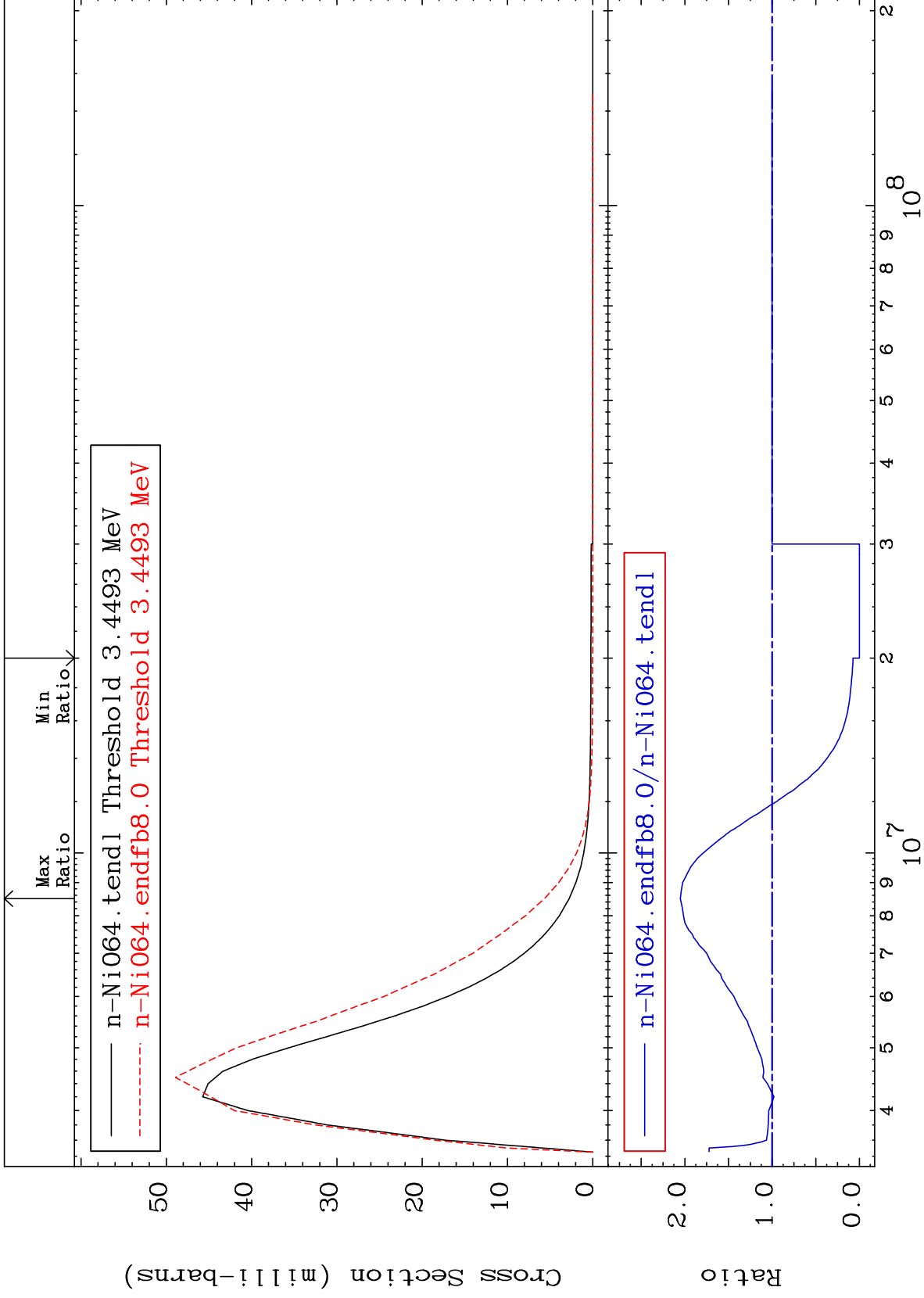
28-Ni-64

28-Ni-64

MAT 2843

MT= 60 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 105.1 %



18

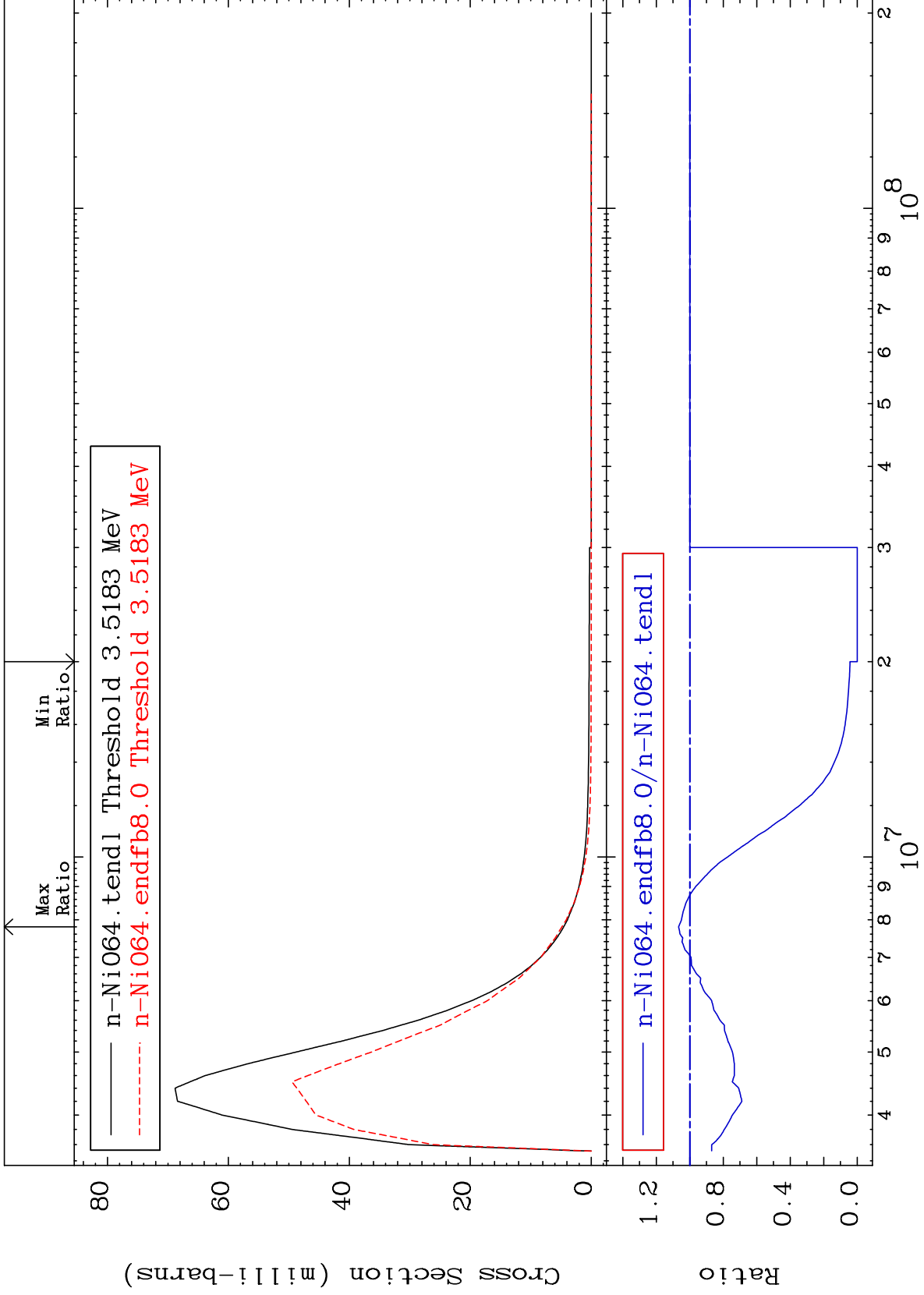
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 61 (n,n') Level
Cross Section

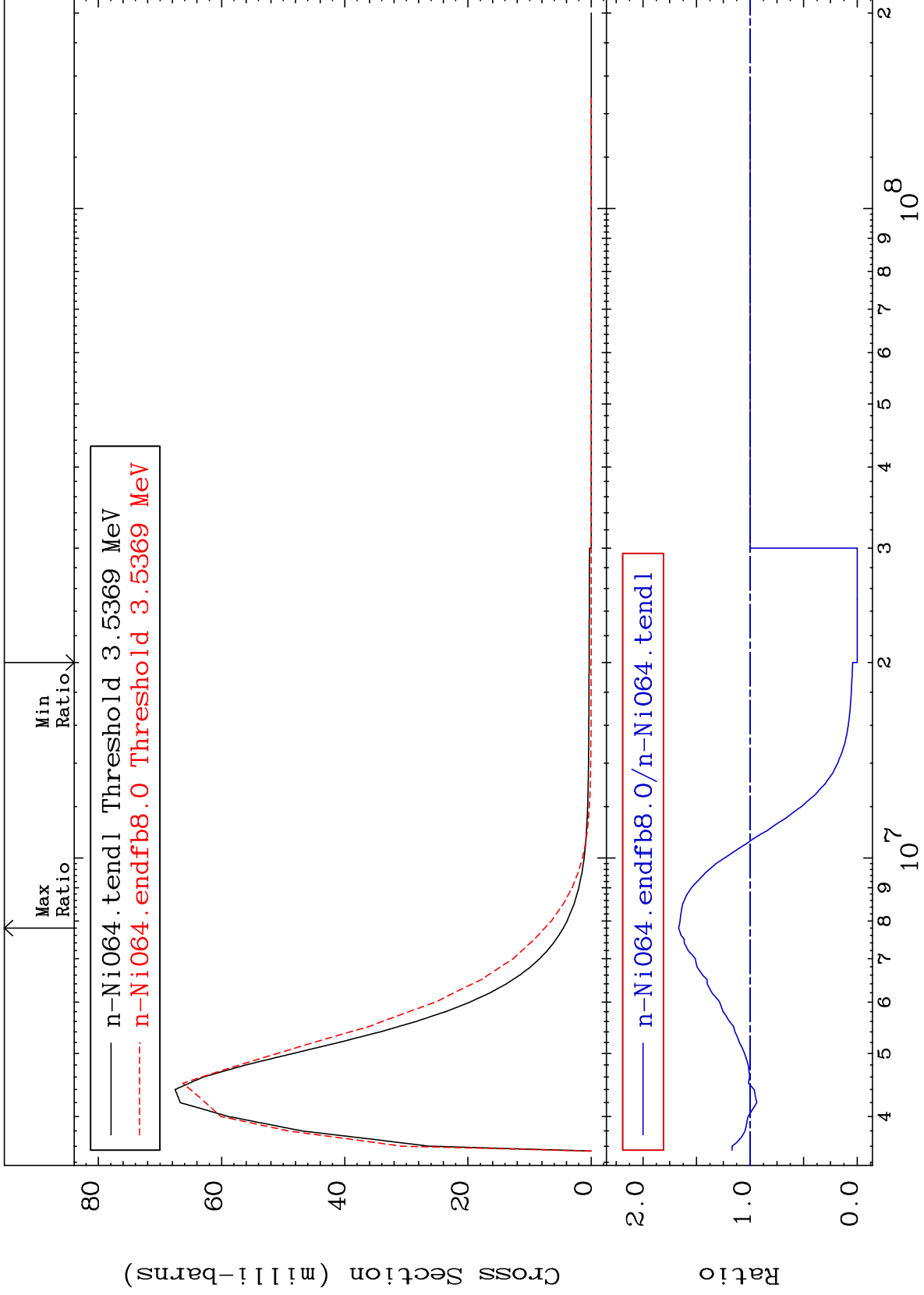
28-Ni-64
-100.0 To 6.640 %



MAT 2843

MT= 62 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 66.71 %



20

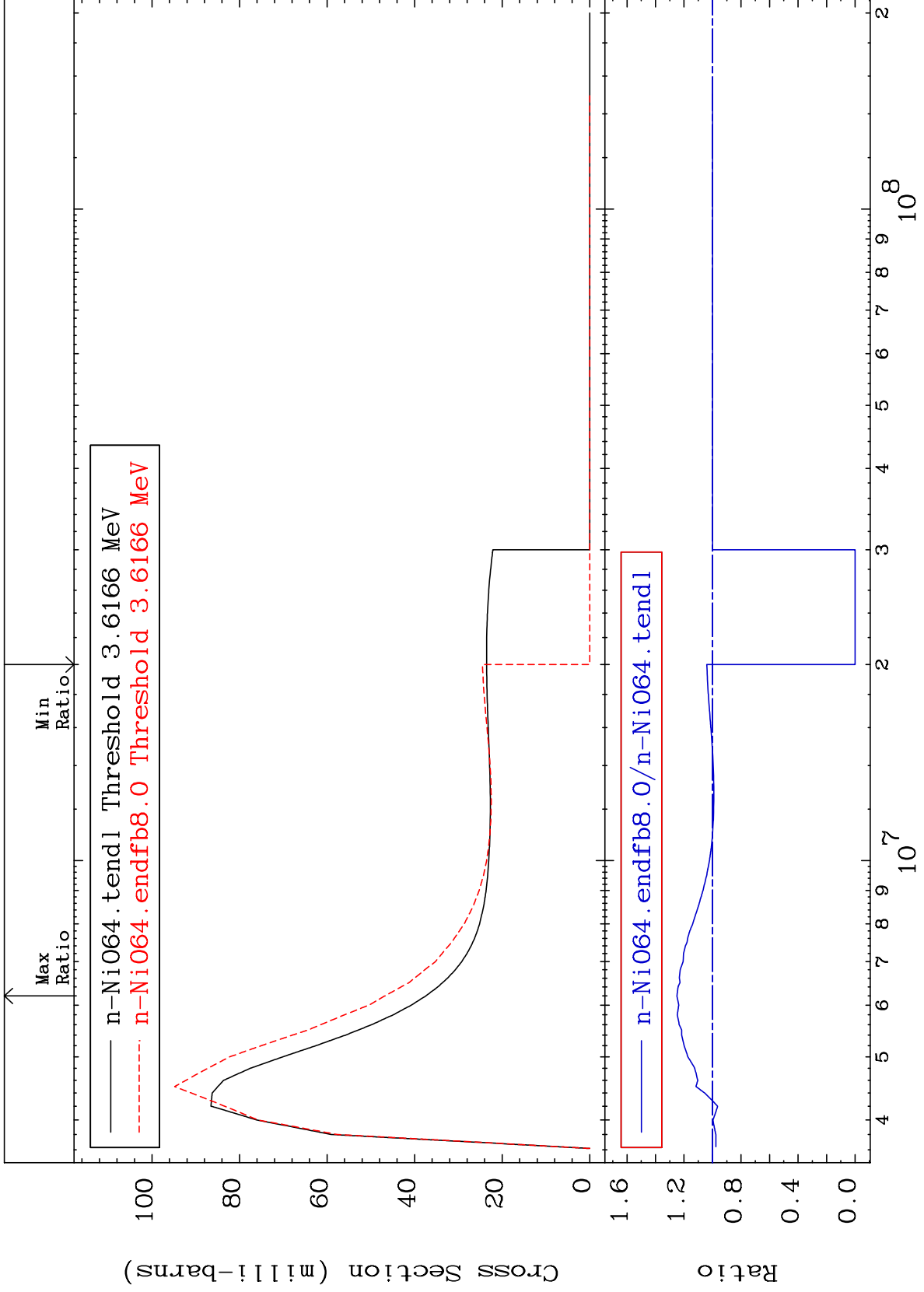
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 63 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 24.98 %



21

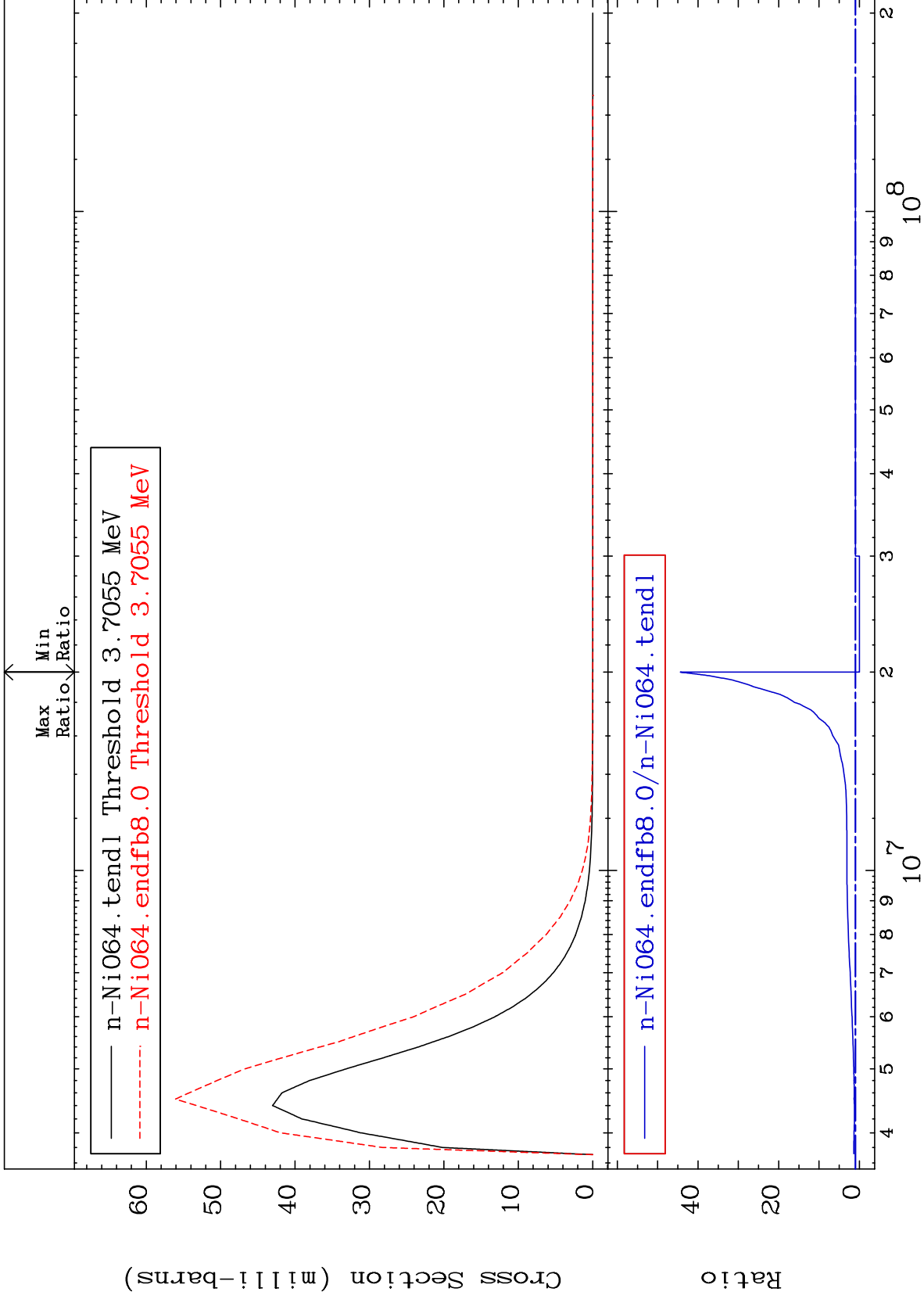
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 64 (n,n') Level
Cross Section

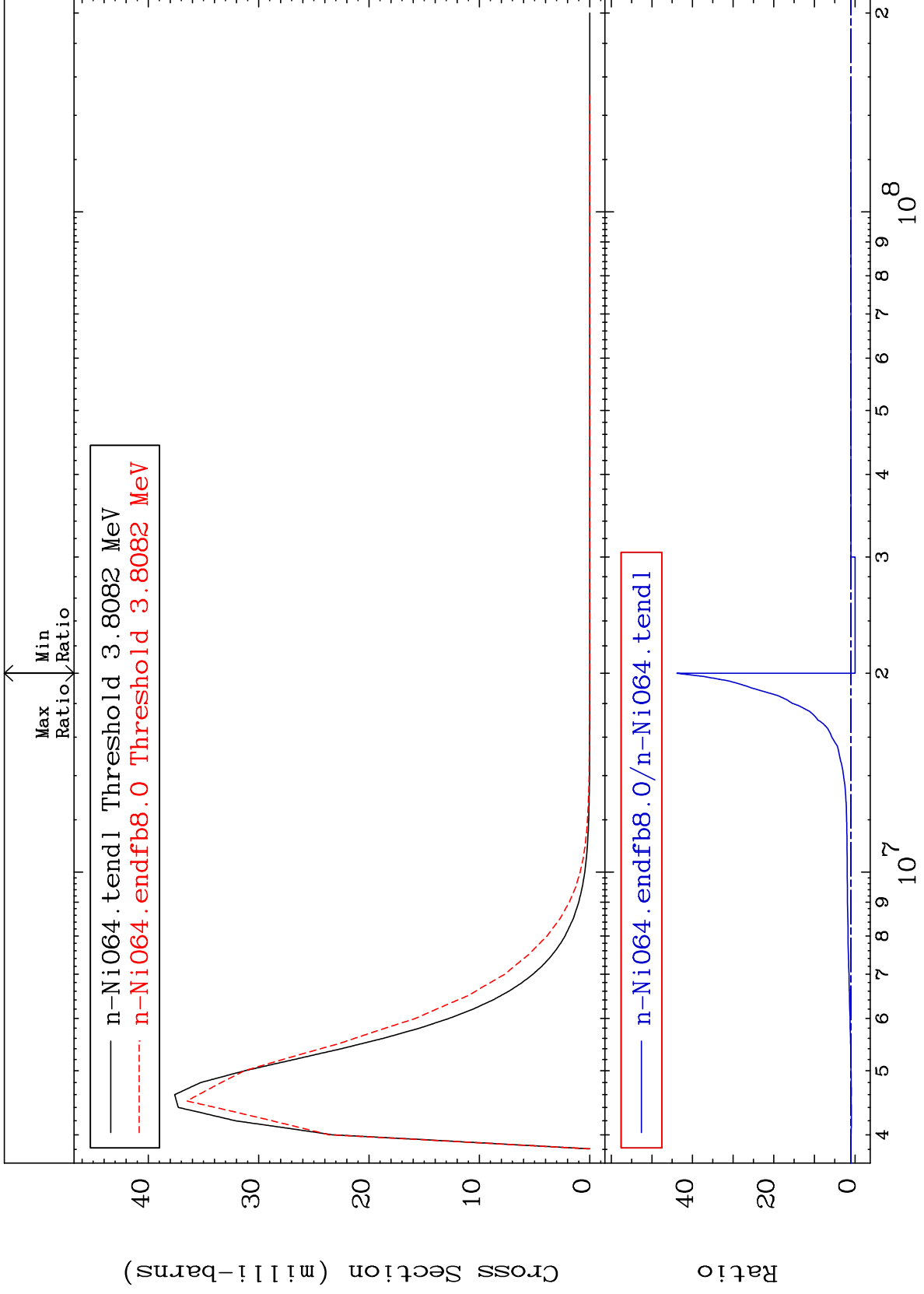
28-Ni-64
-100.0 To 4338. %



MAT 2843

MT= 65 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 4284. %



23

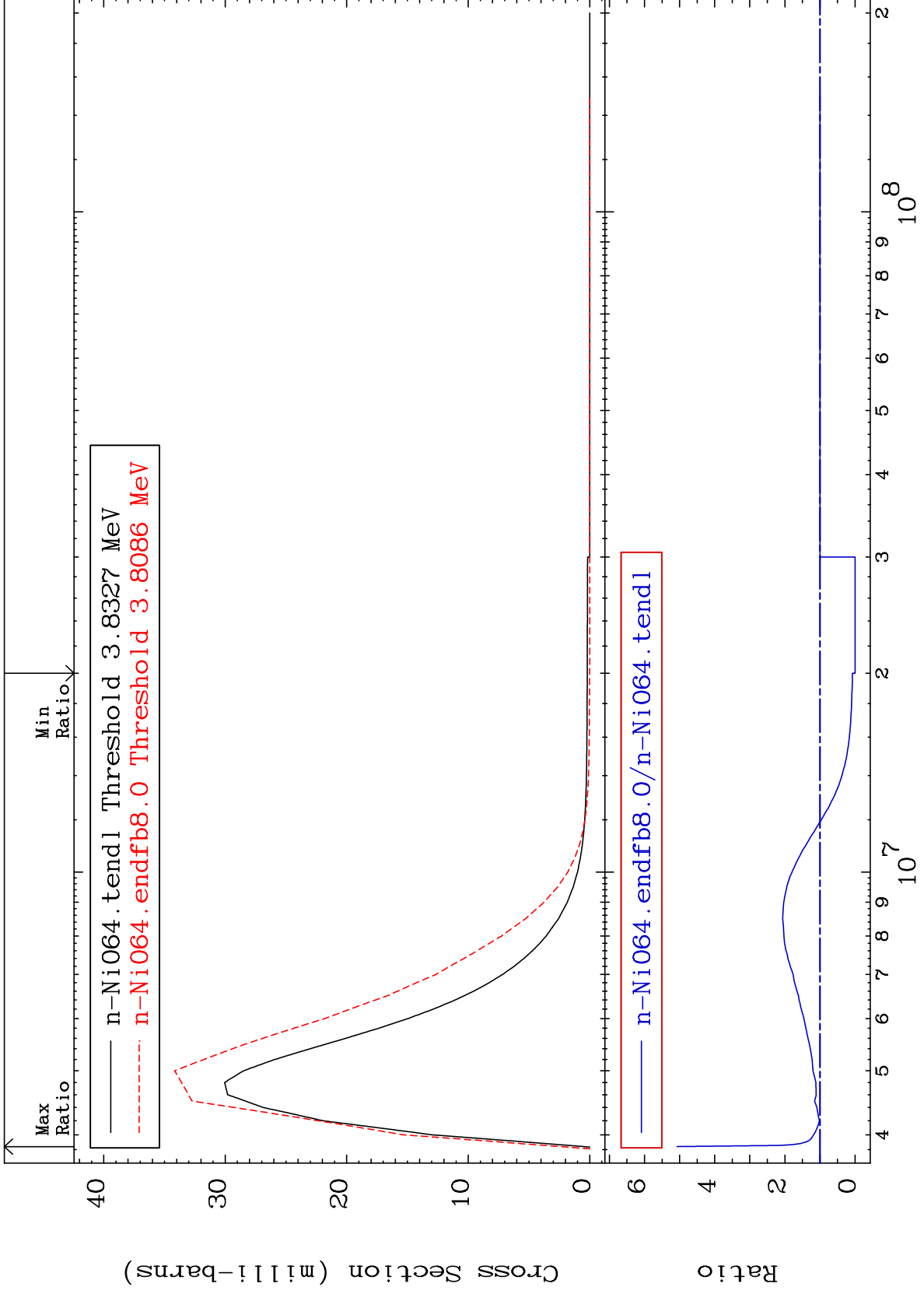
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 66 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 407.6 %



24

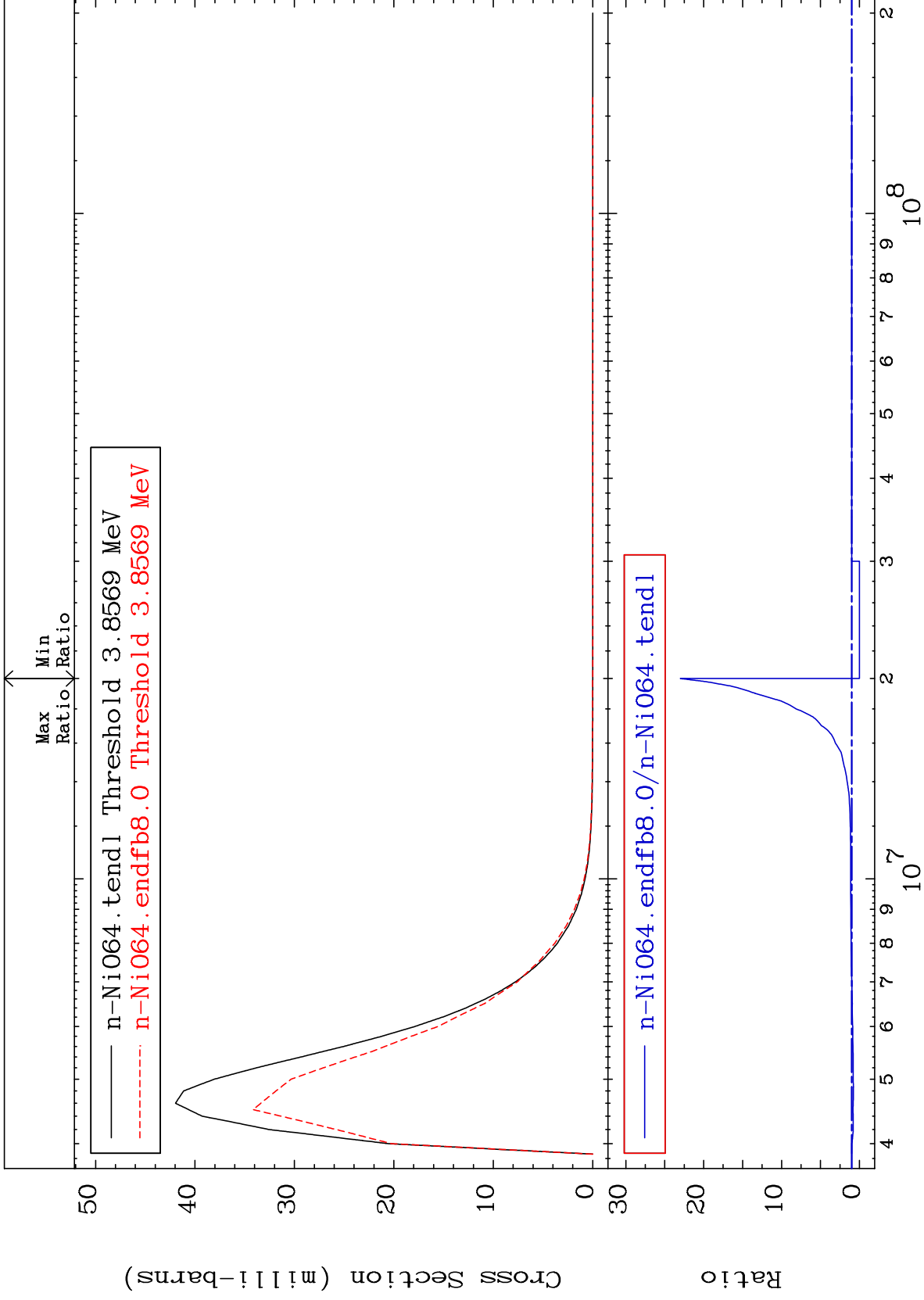
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 67 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 2199. %



25

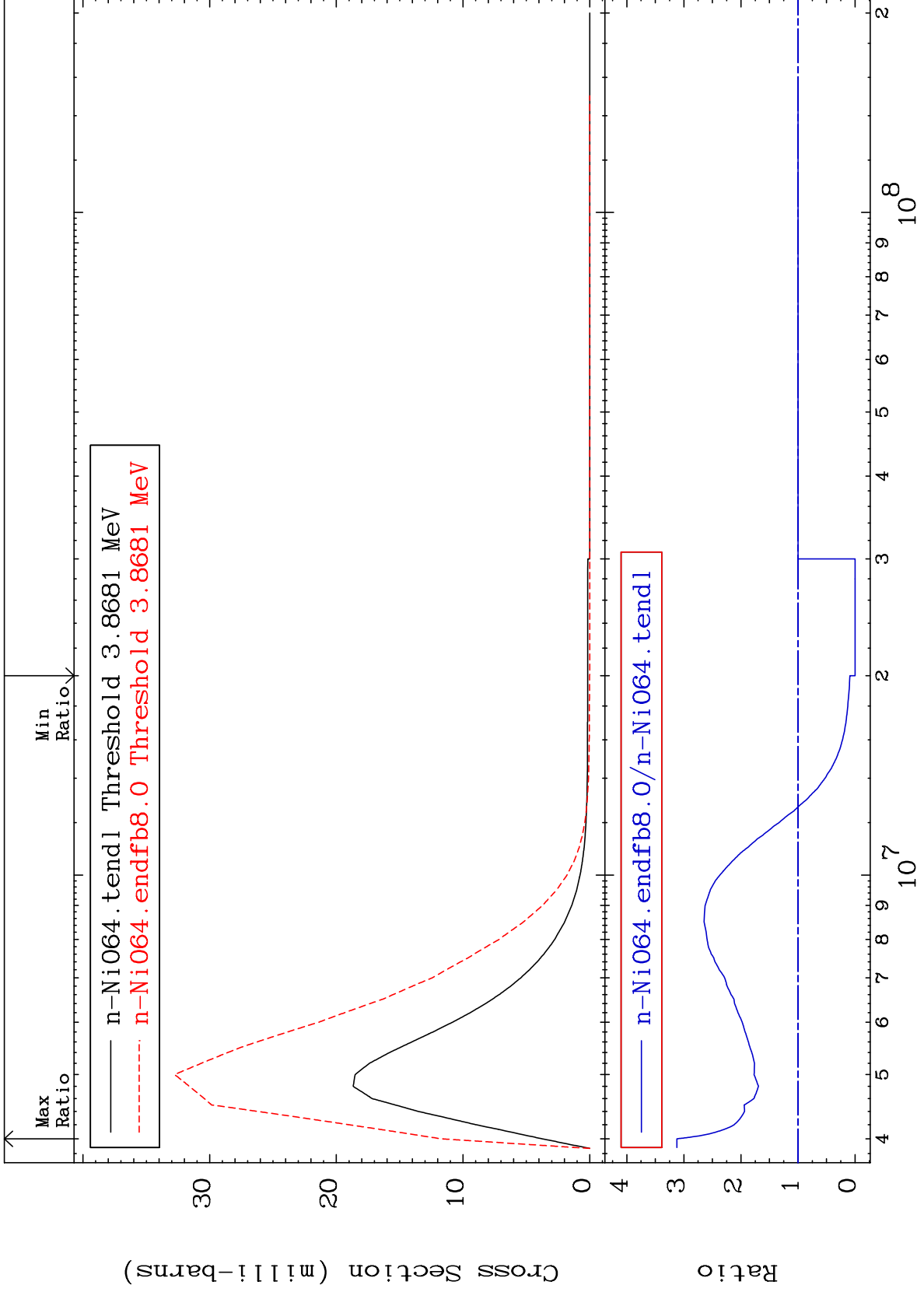
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 68 (n,n') Level
Cross Section

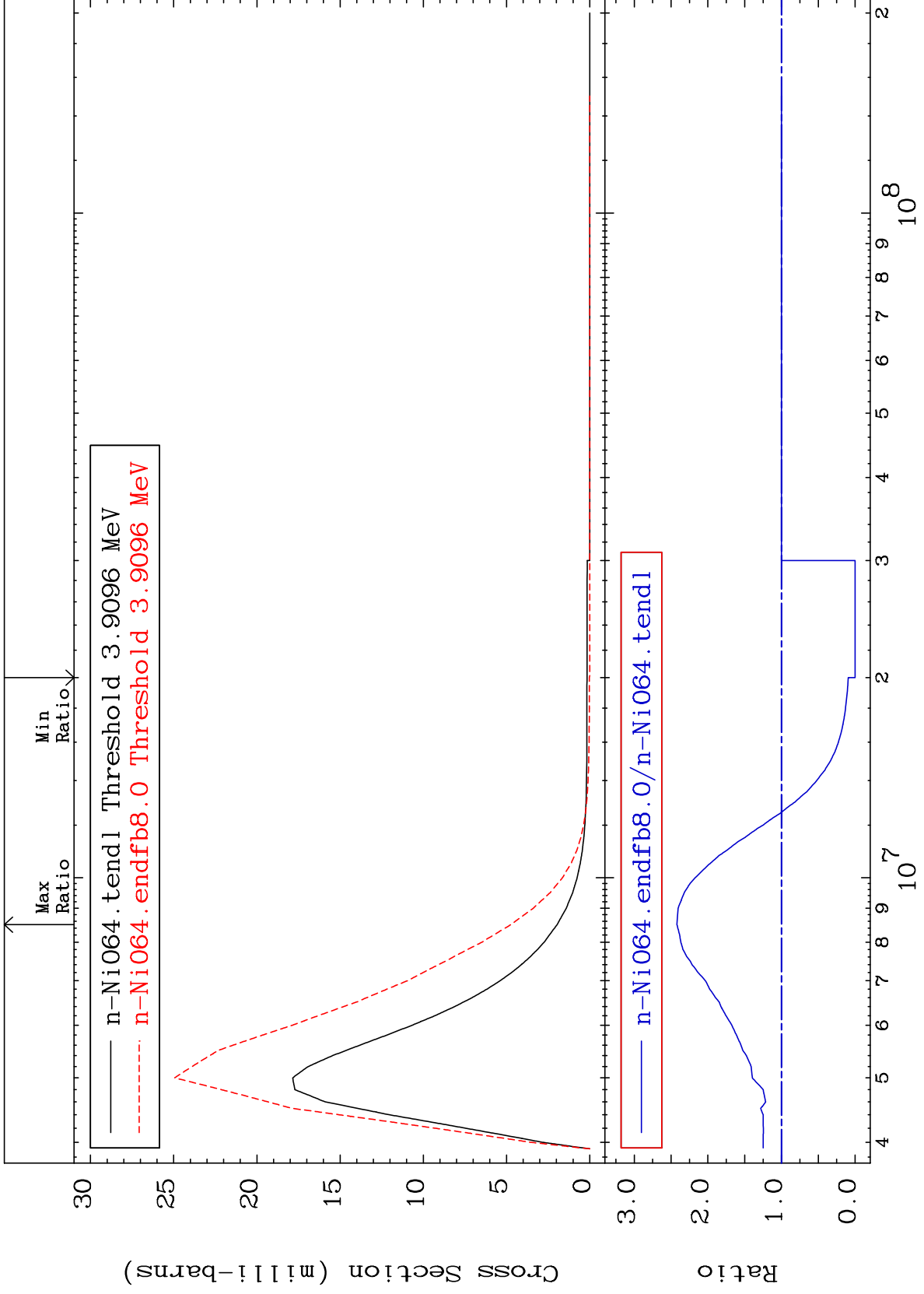
28-Ni-64
-100.0 To 212.2 %



MAT 2843

MT= 69 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 142.1 %



27

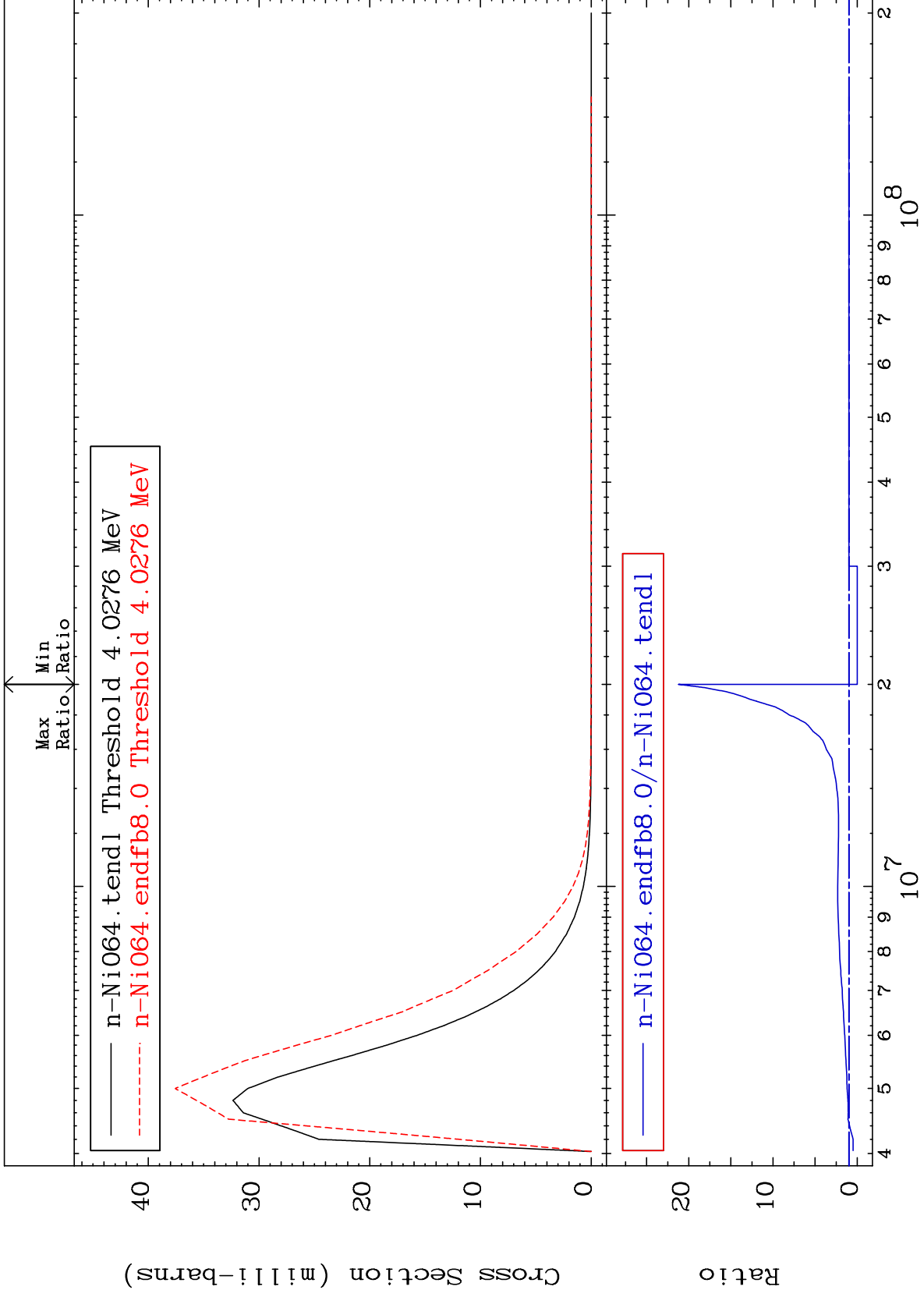
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 70 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 2020. %



28

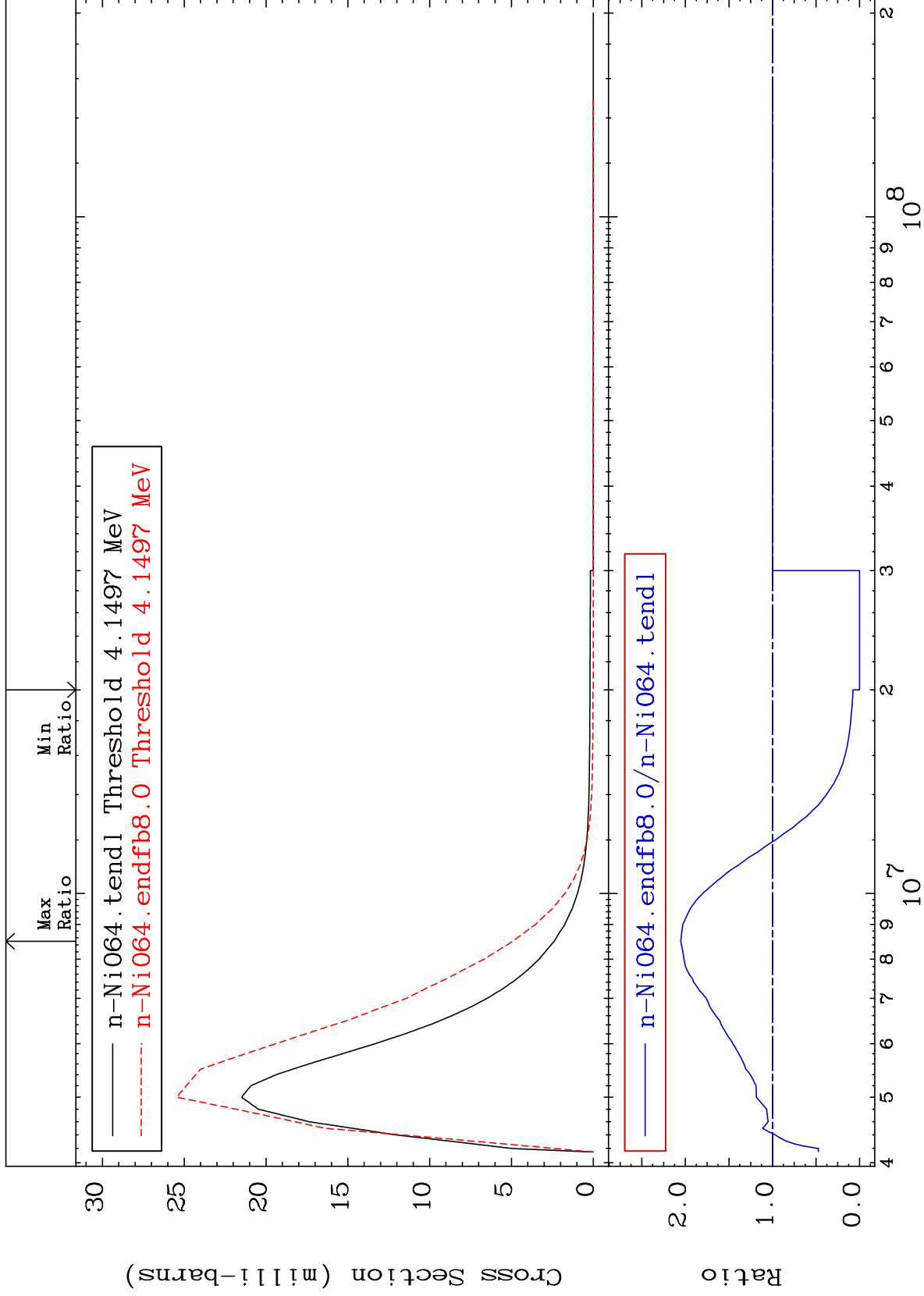
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 71 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 105.3 %



29

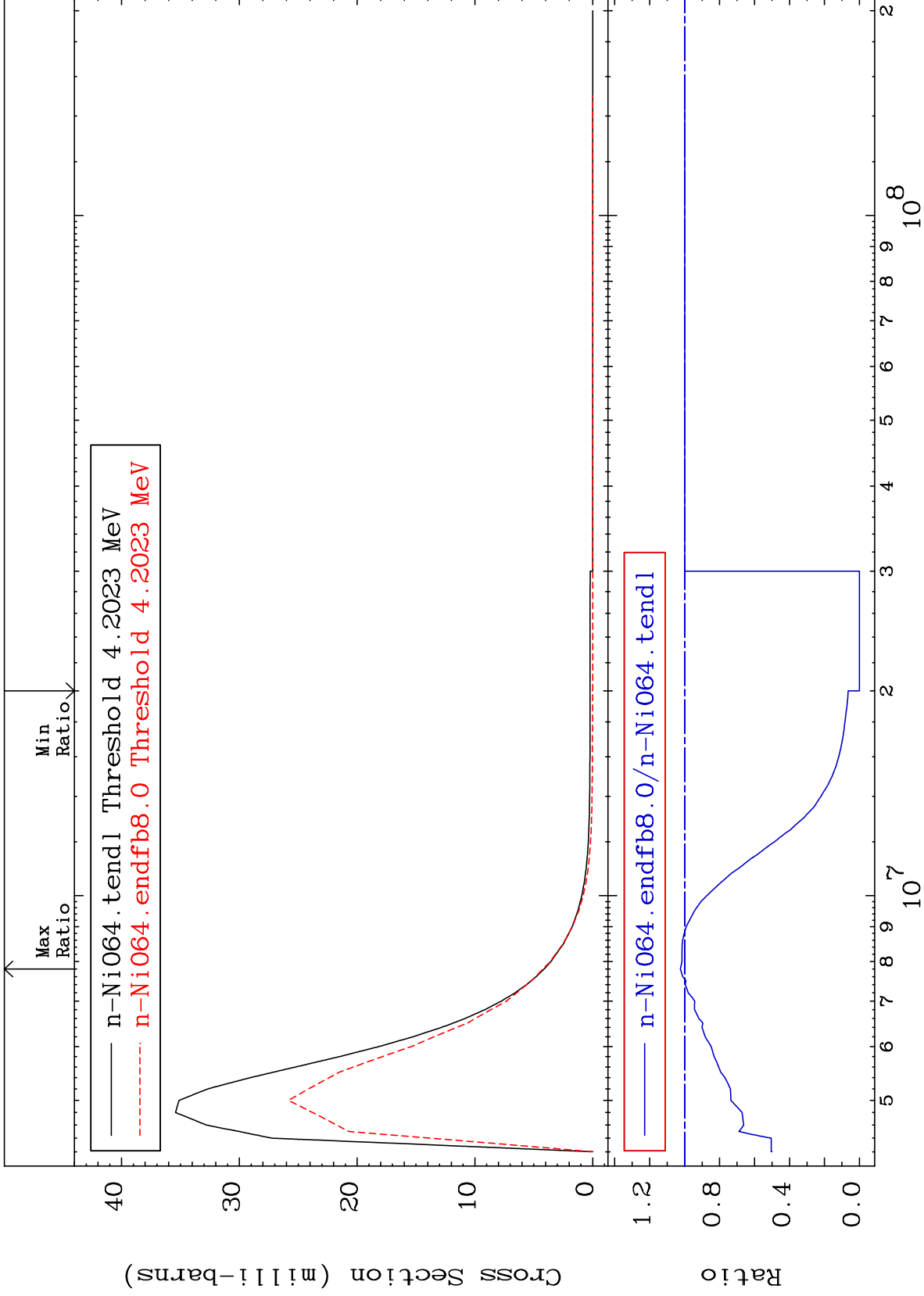
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 72 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 2.452 %



30

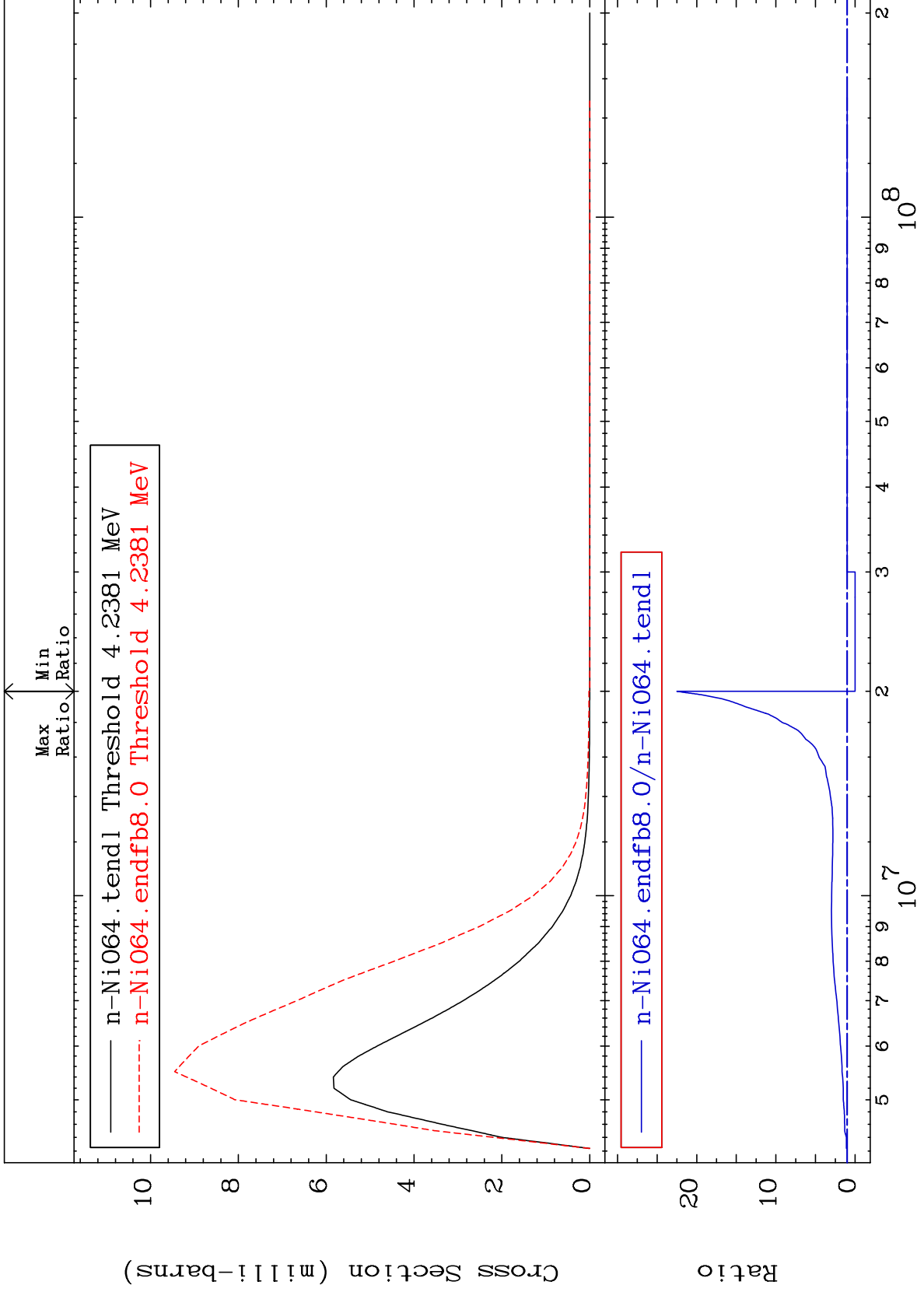
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 73 (n,n') Level
Cross Section

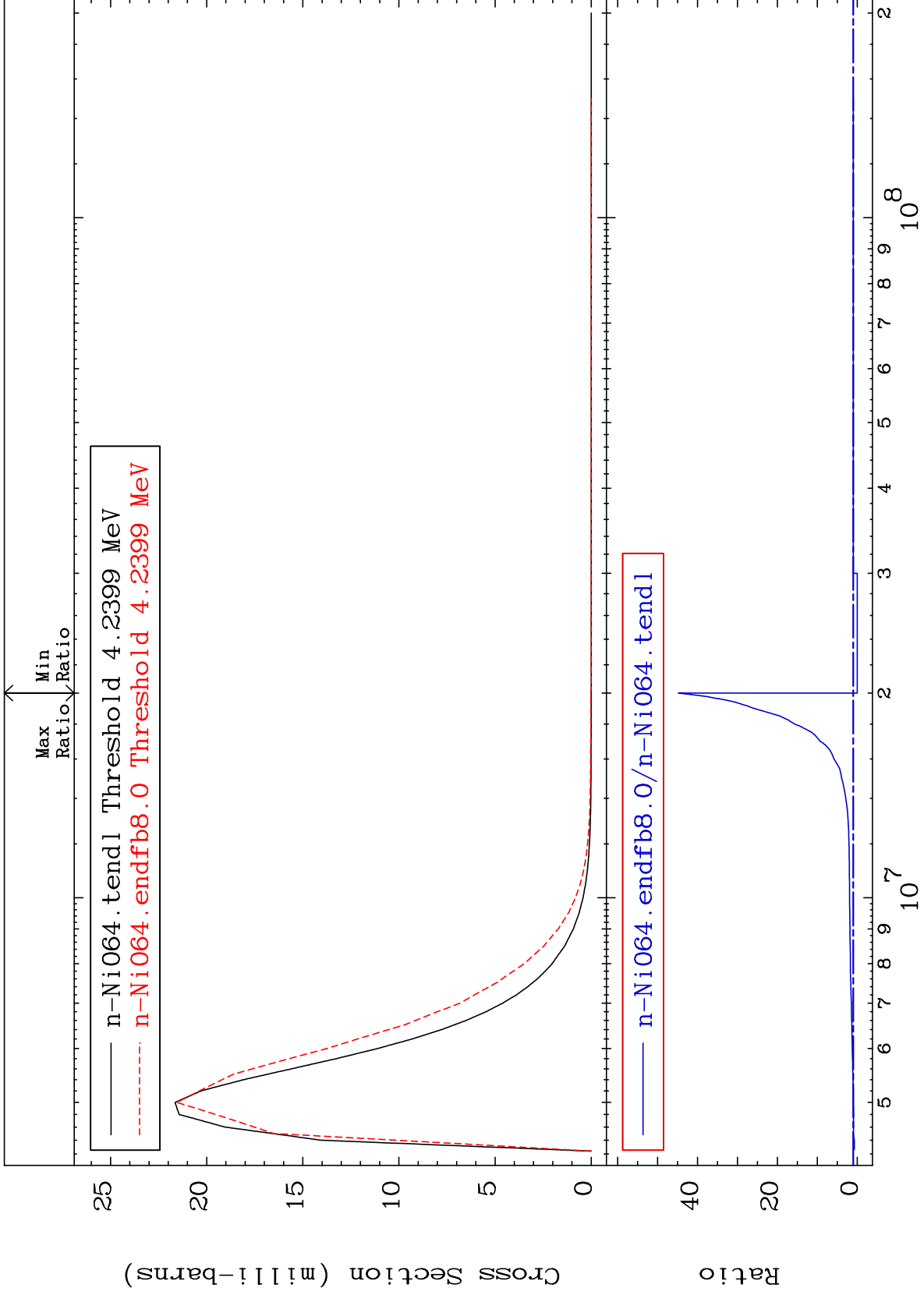
28-Ni-64
-100.0 To 2150. %



MAT 2843

MT= 74 (n,n') Level
Cross Section

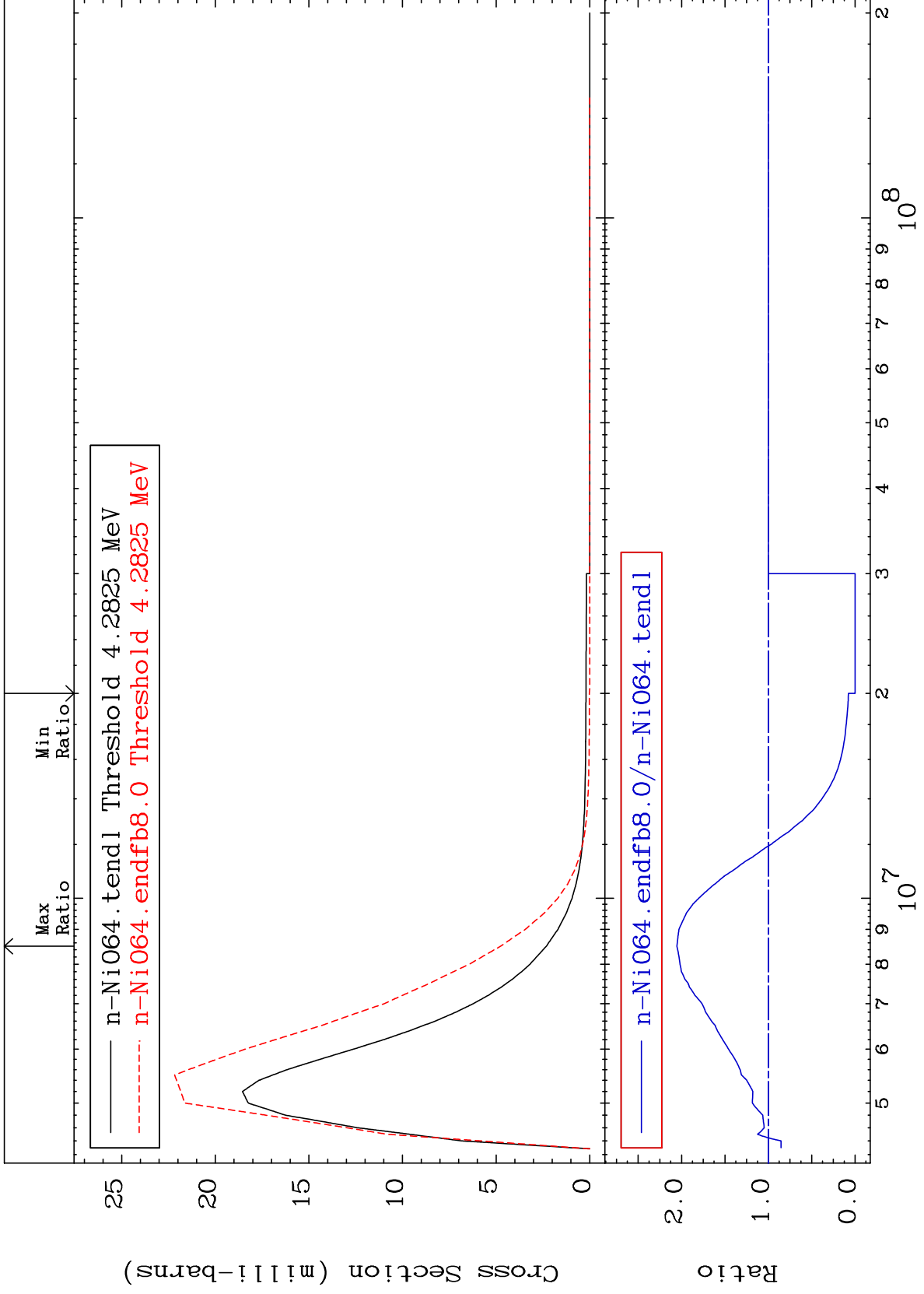
28-Ni-64
-100.0 To 4371. %



MAT 2843

MT= 75 (n,n') Level
Cross Section

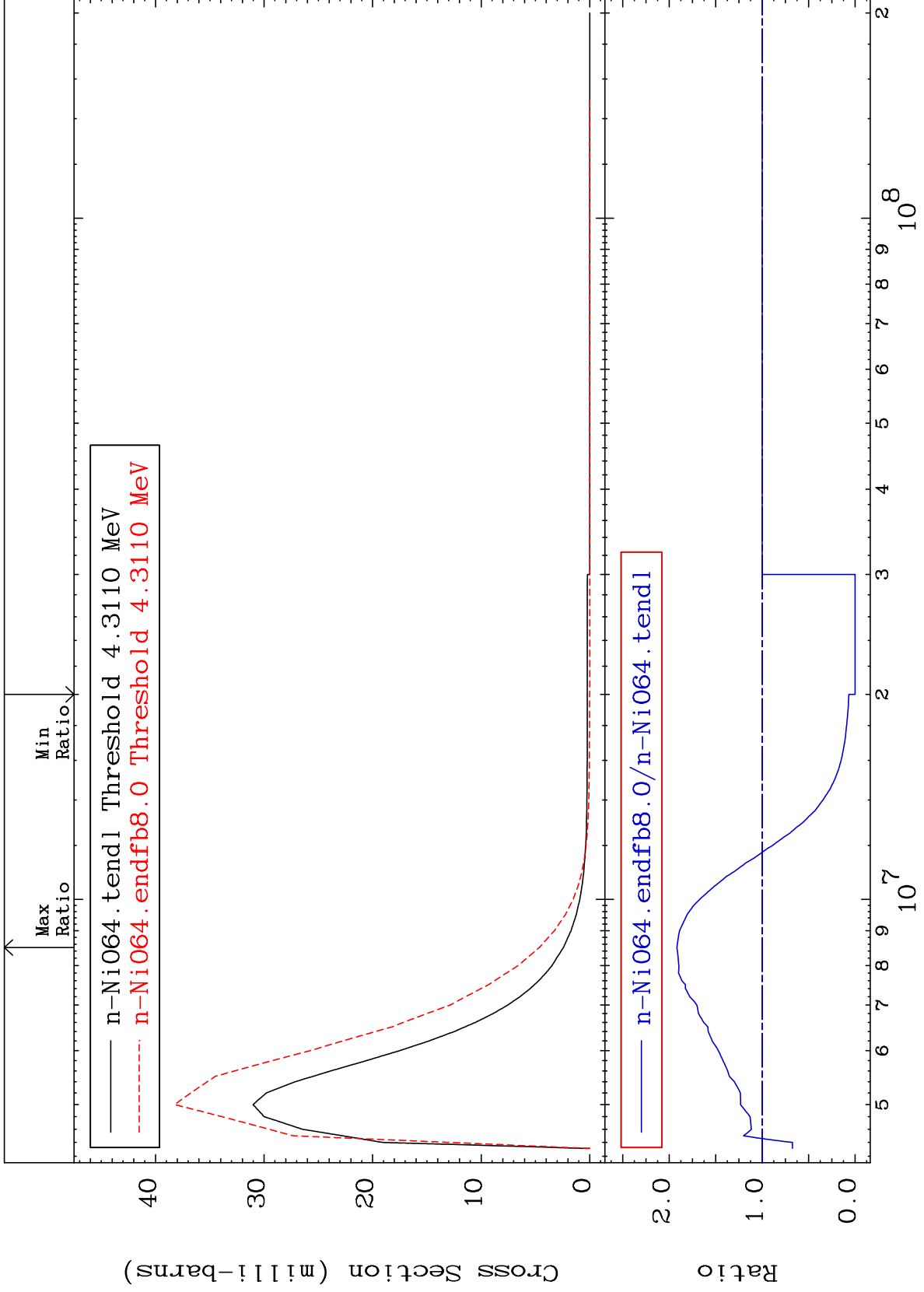
28-Ni-64
-100.0 To 105.3 %



MAT 2843

MT= 76 (n,n') Level
Cross Section

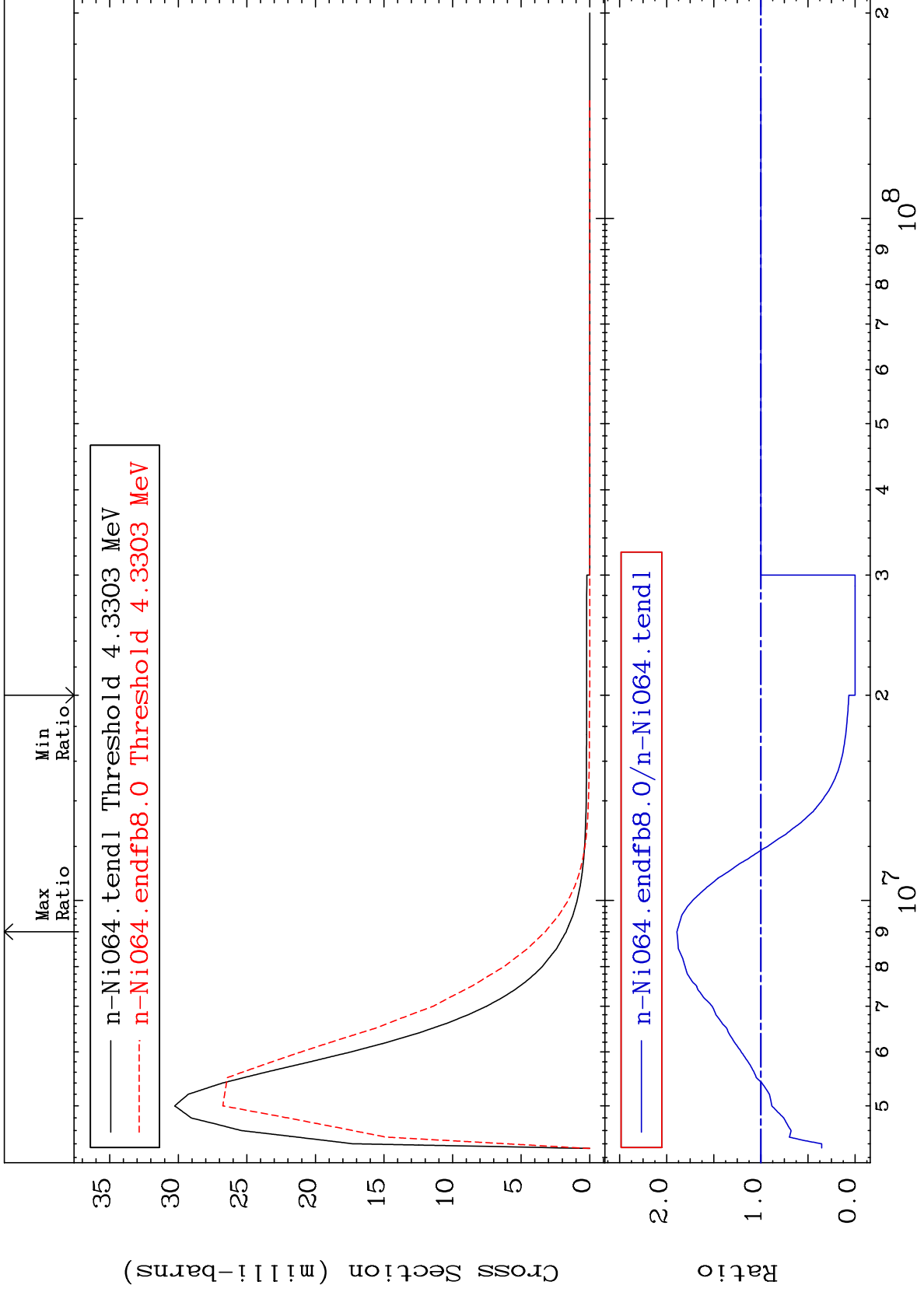
28-Ni-64
-100.0 To 91.69 %



MAT 2843

MT= 77 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 89.13 %



35

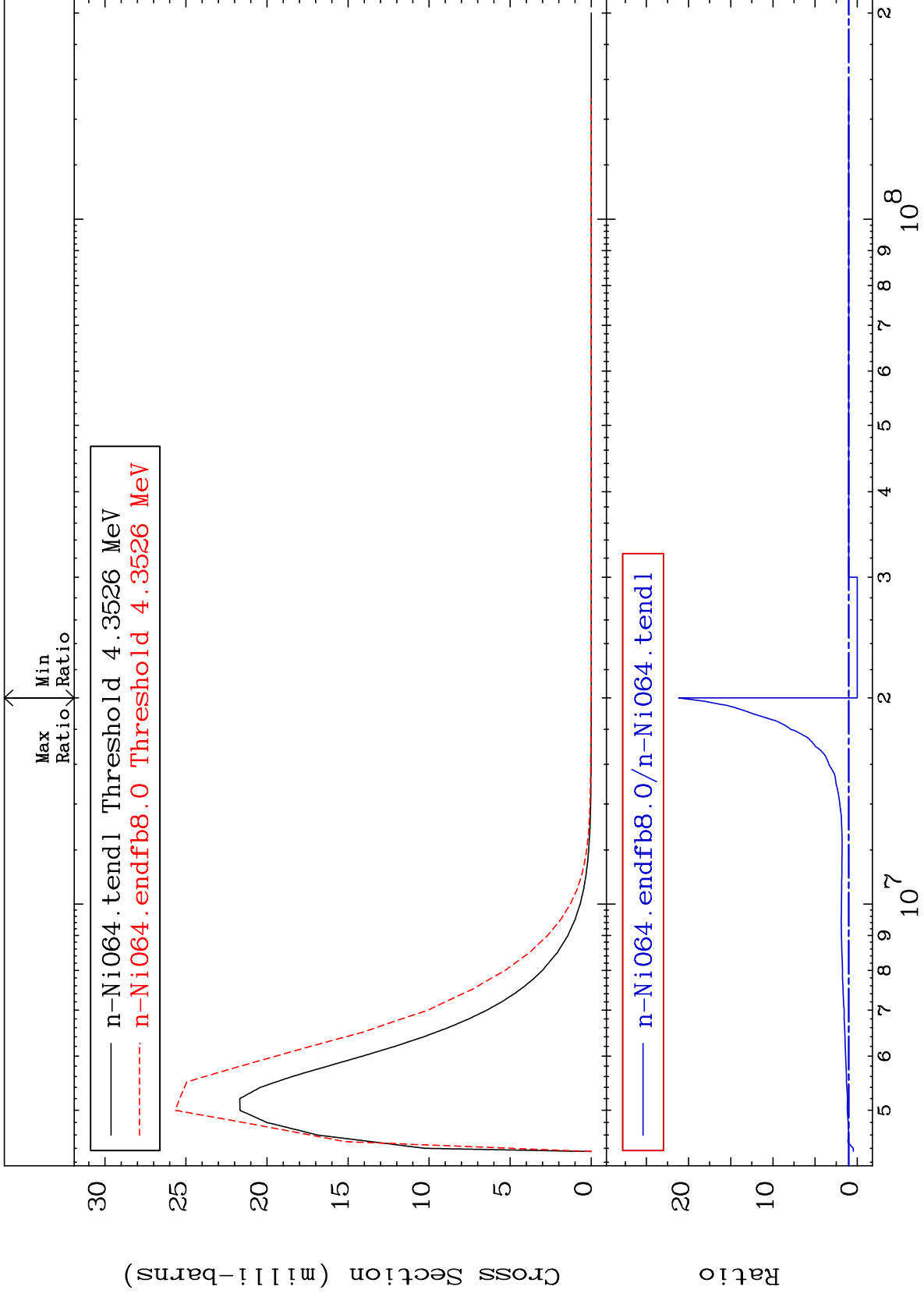
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 78 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 2018. %



36

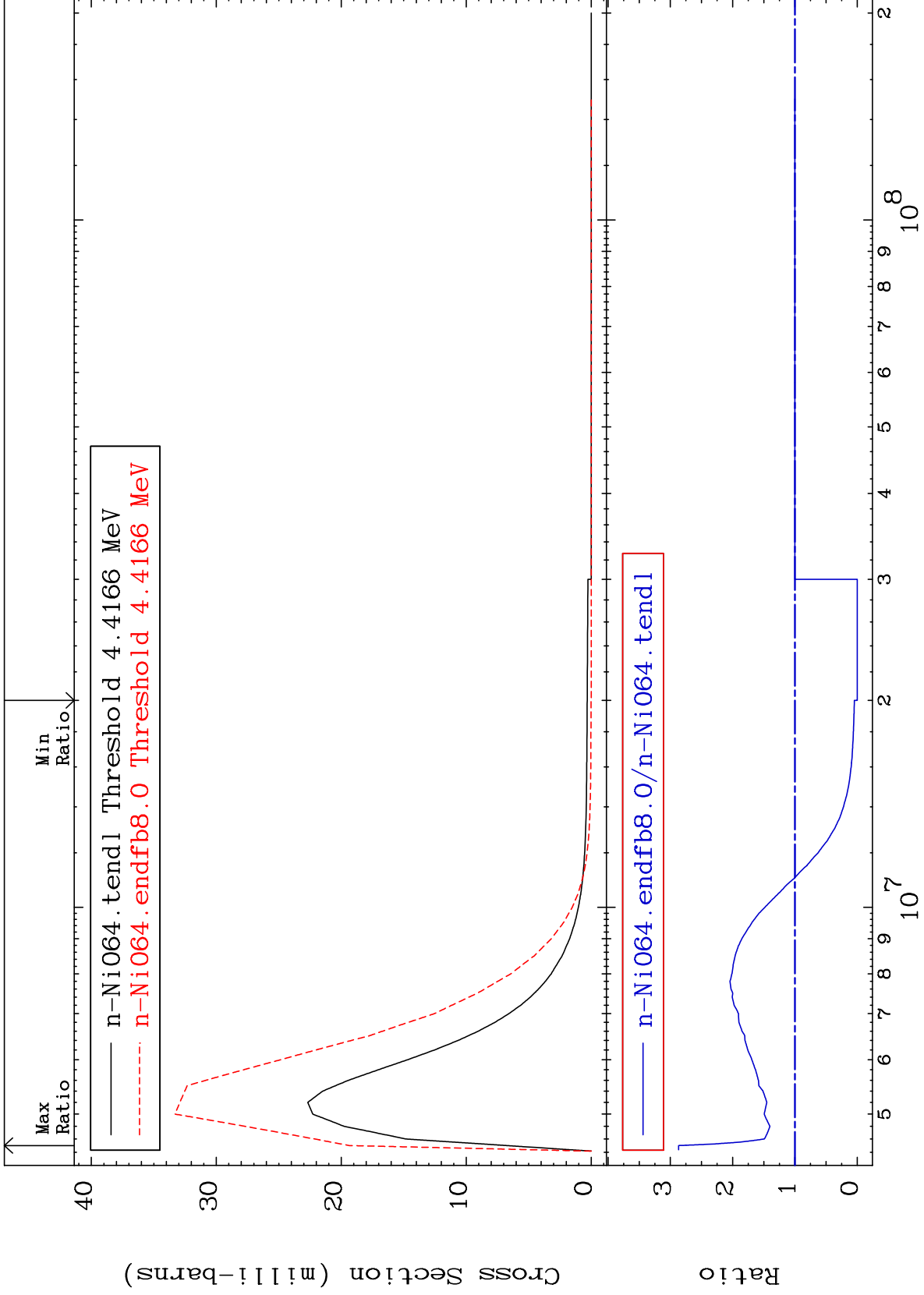
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 79 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 186.7 %



37

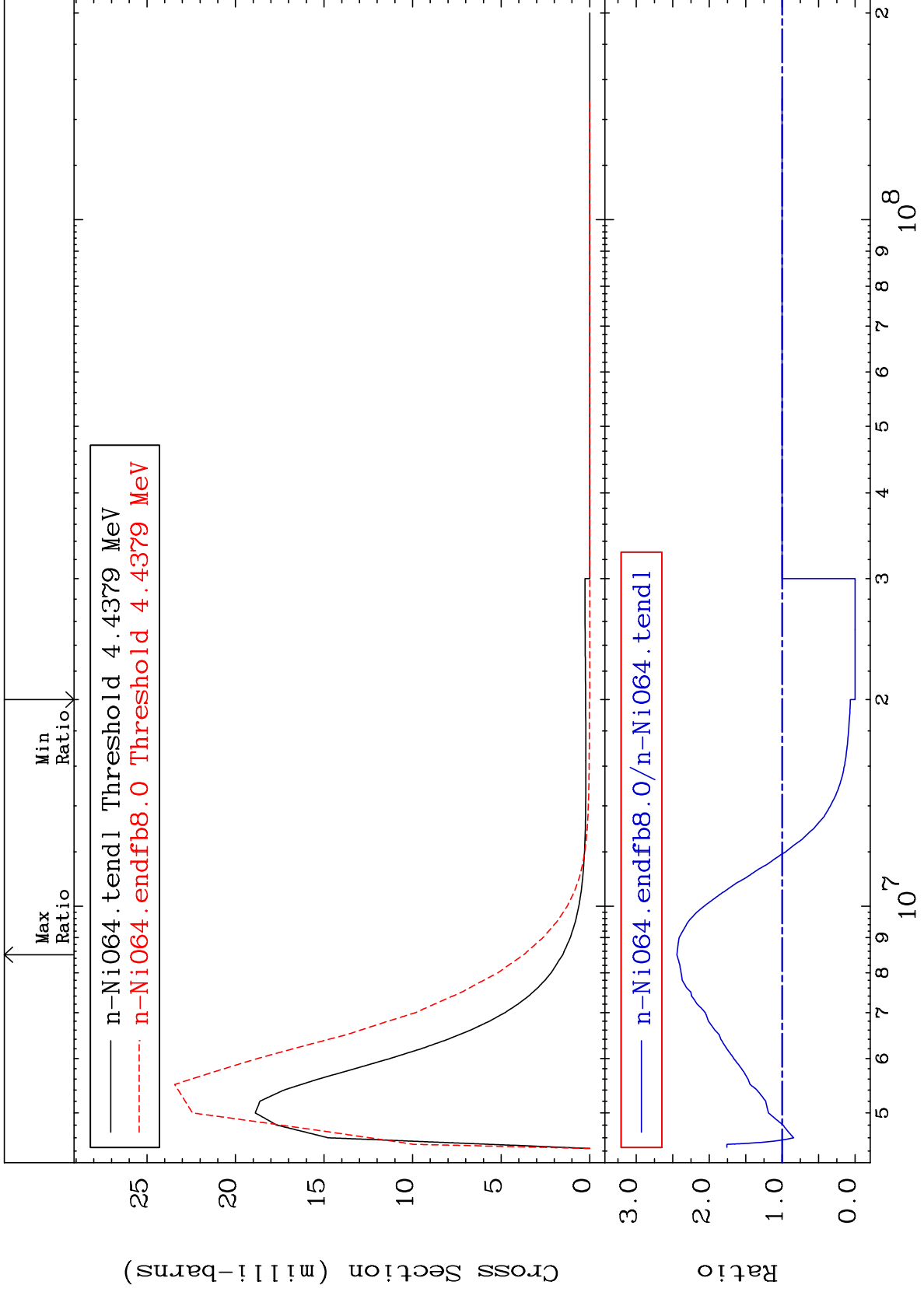
Incident Energy (eV)

28-Ni-64

MAT 2843

MT= 80 (n,n') Level
Cross Section

28-Ni-64
-100.0 To 144.3 %



38

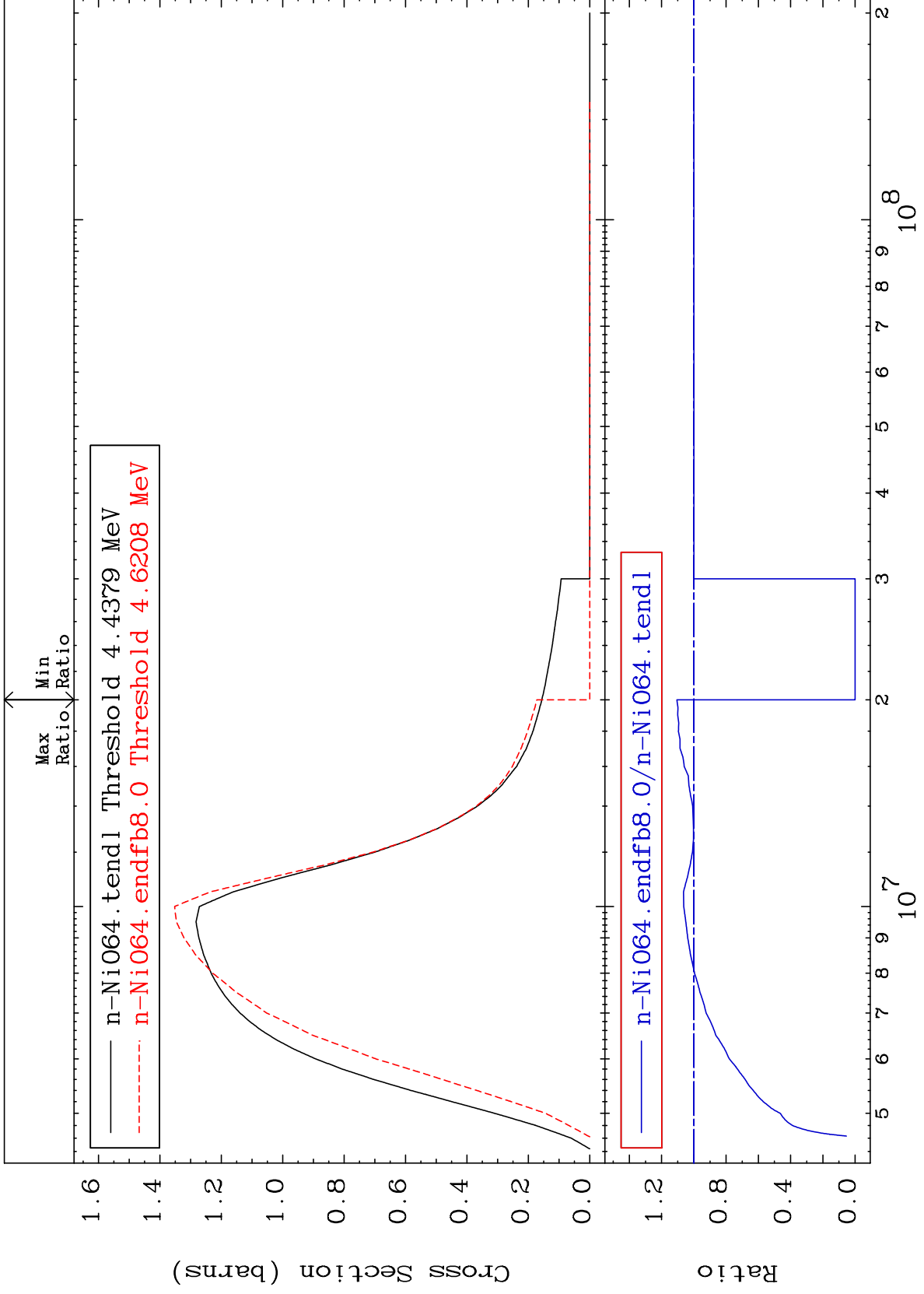
Incident Energy (eV)

28-Ni-64

MAT 2843

(n, n') Continuum
Cross Section

28-Ni-64
-100.0 To 10.50 %



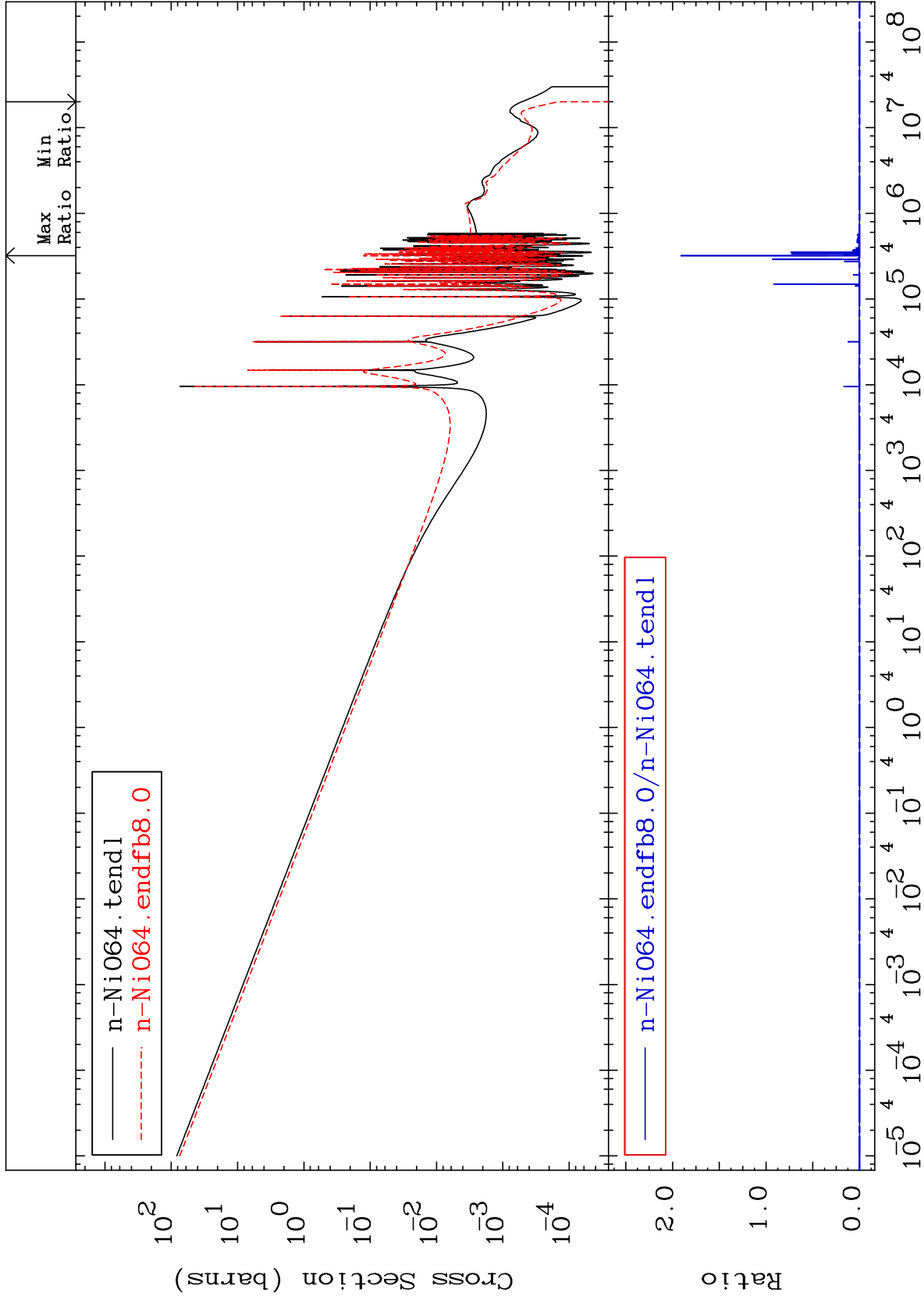
MAT 2843

(n, γ)

28-Ni-64

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

28-Ni-64

40

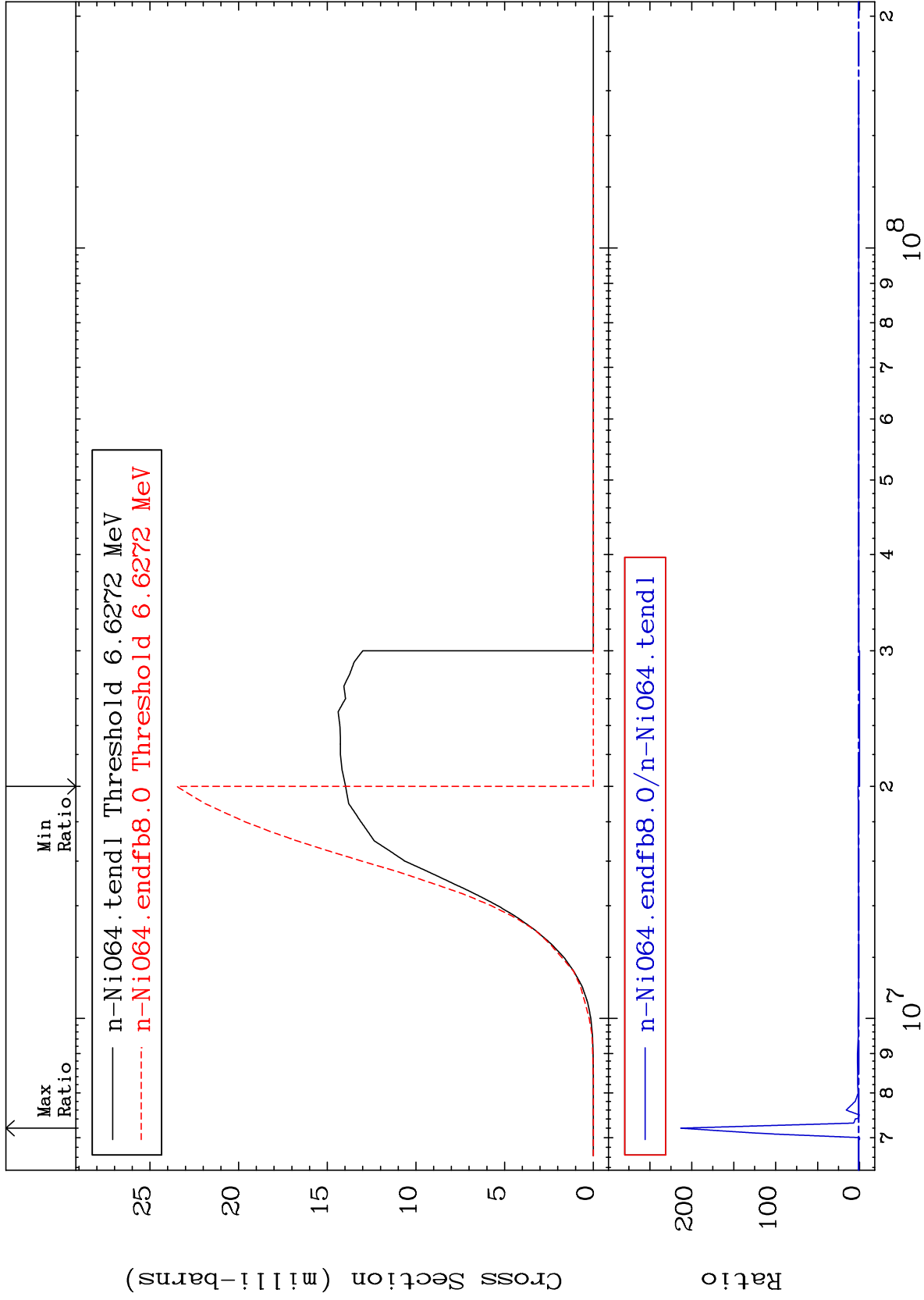
MAT 2843

(n,p)

²⁸Ni-64

Cross Section

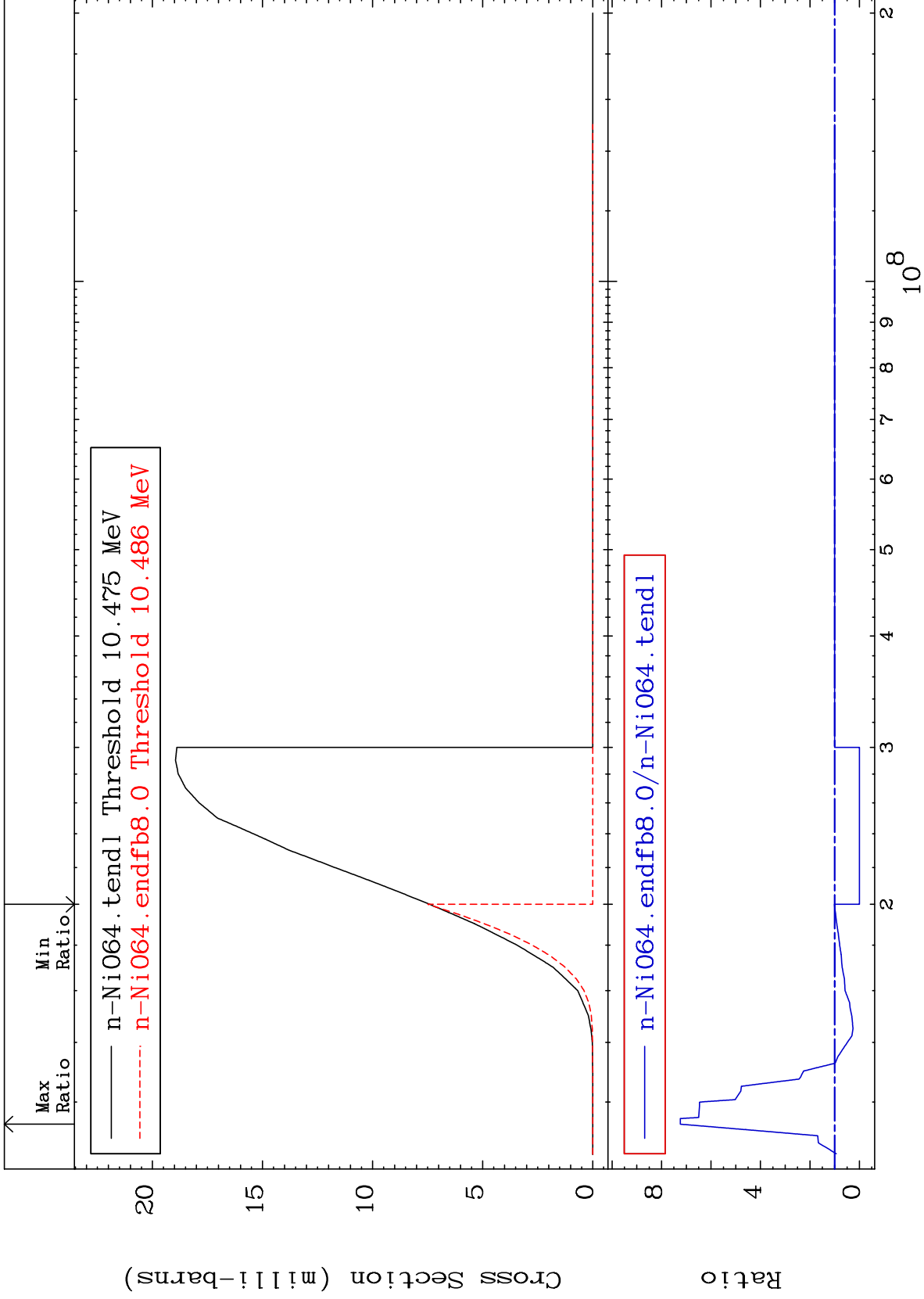
-100.0 To 9999. %



MAT 2843

(n, d)
Cross Section

28-Ni-64
-100.0 To 623.9 %



42

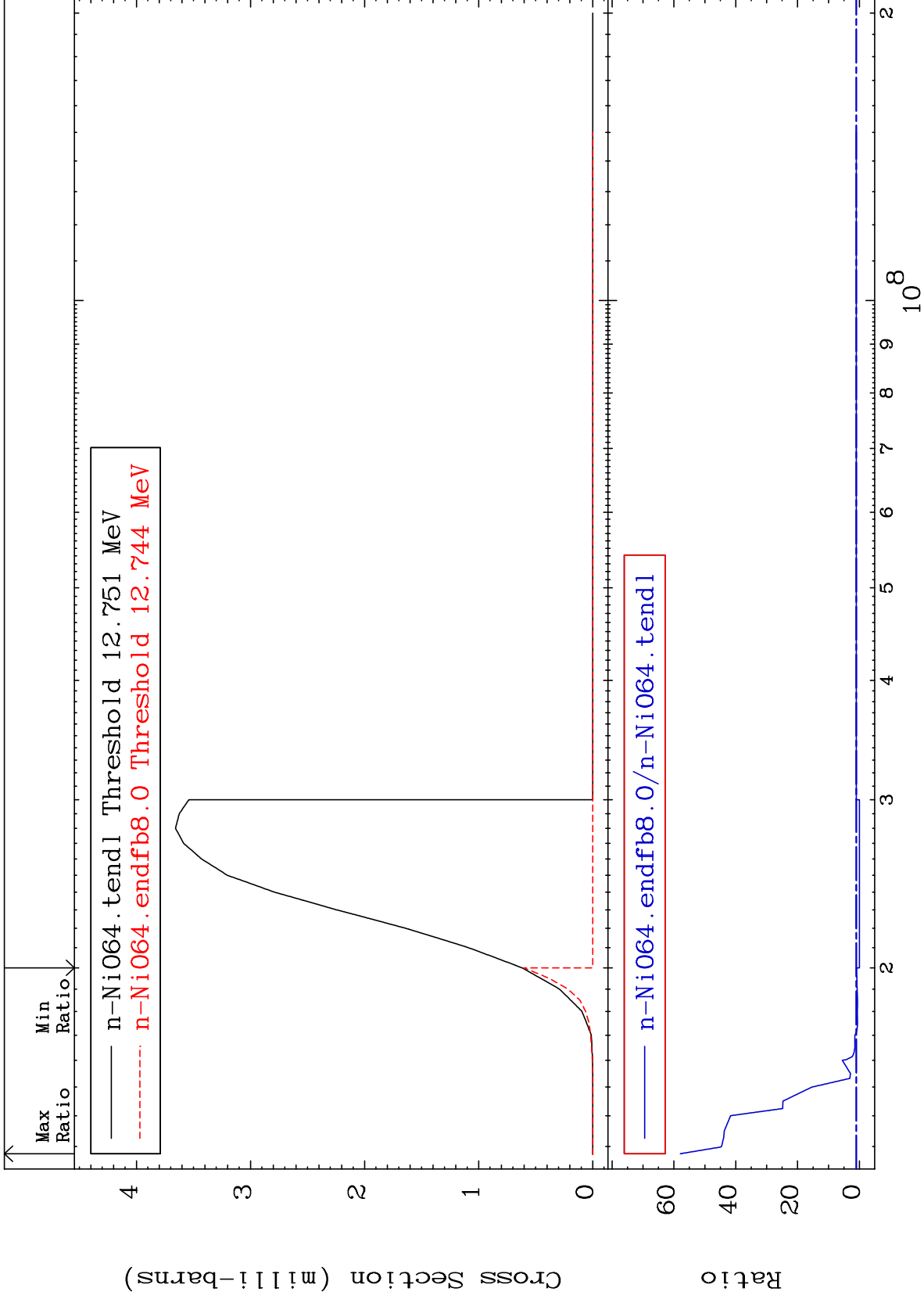
Incident Energy (eV)

28-Ni-64

MAT 2843

(n, t)
Cross Section

28-Ni-64
-100.0 To 5692. %



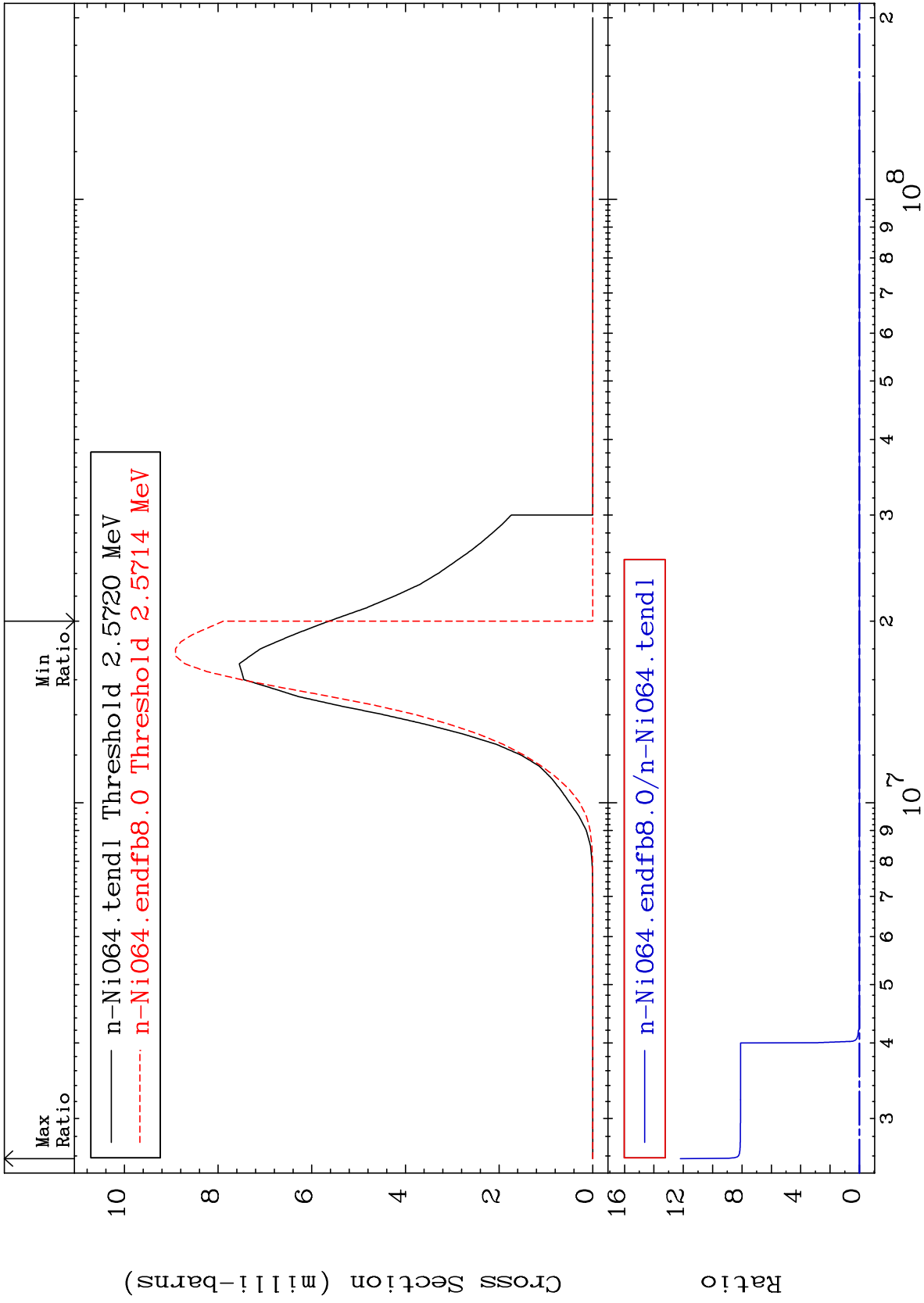
MAT 2843

(n, α)

28-Ni-64

Cross Section

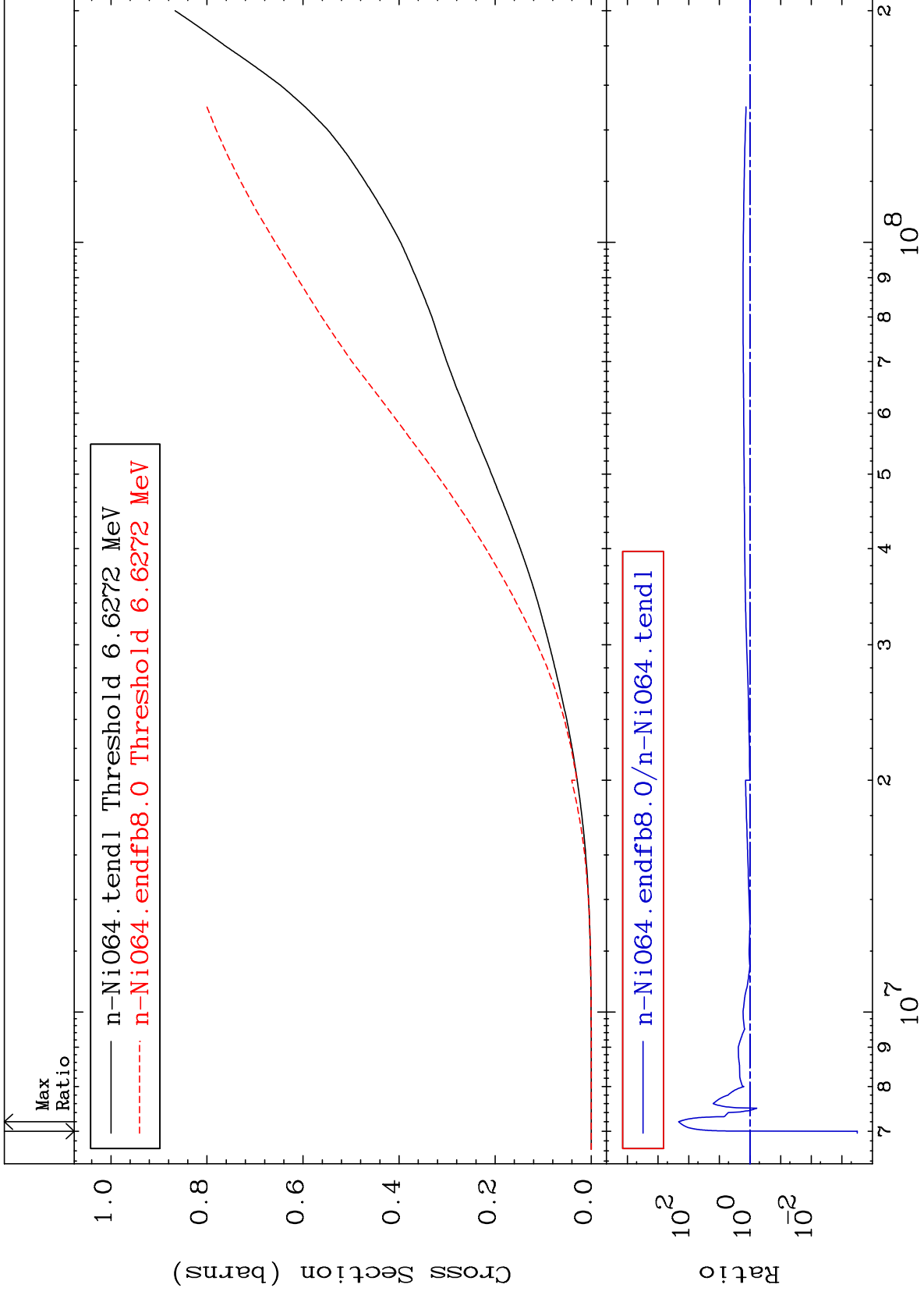
-100.0 To 9999. %



MAT 2843

Hydrogen Production
Cross Section

²⁸Ni-64
-99.97 To 9999. %



45

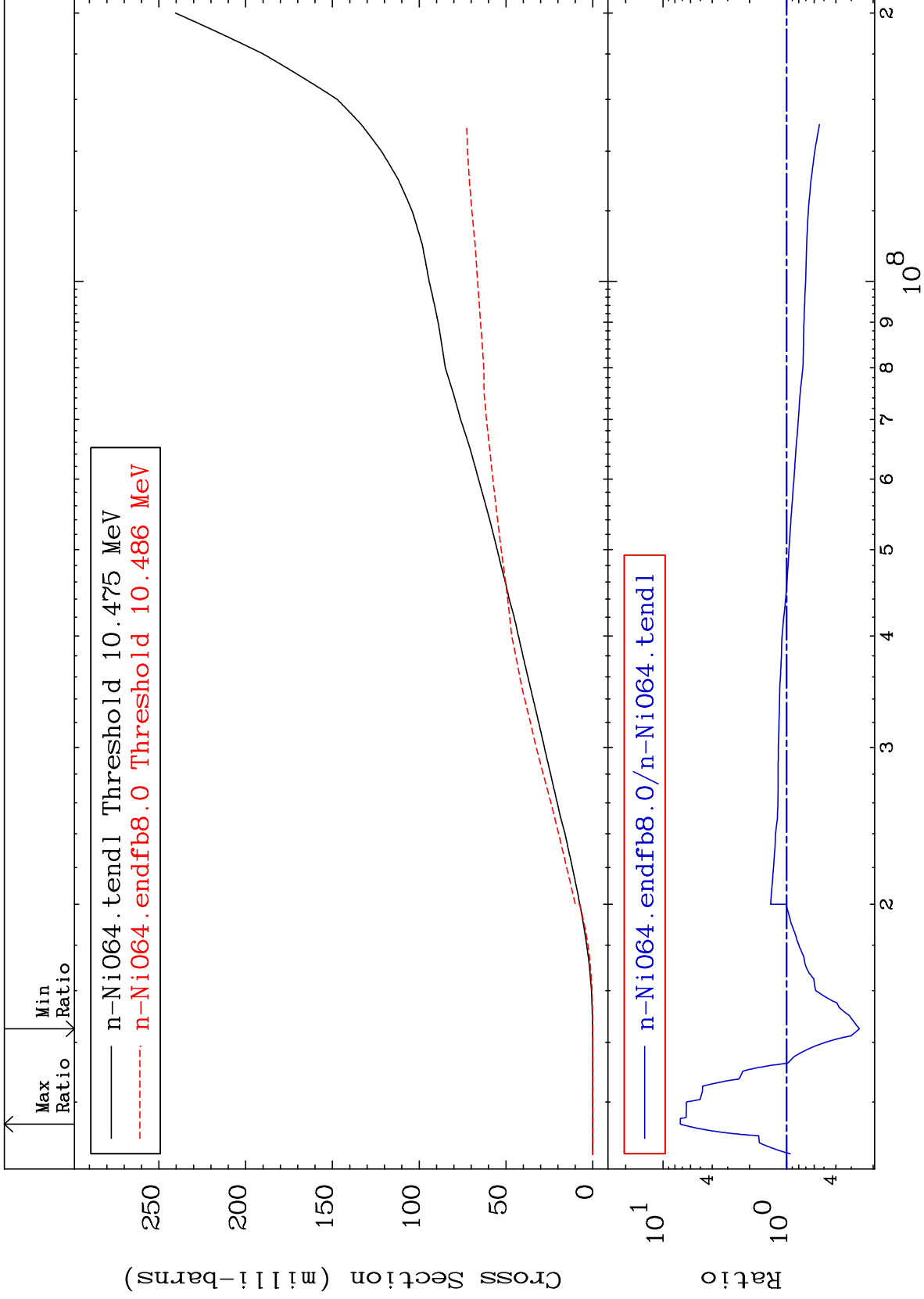
Incident Energy (eV)

²⁸Ni-64

MAT 2843

Deuterium Production
Cross Section

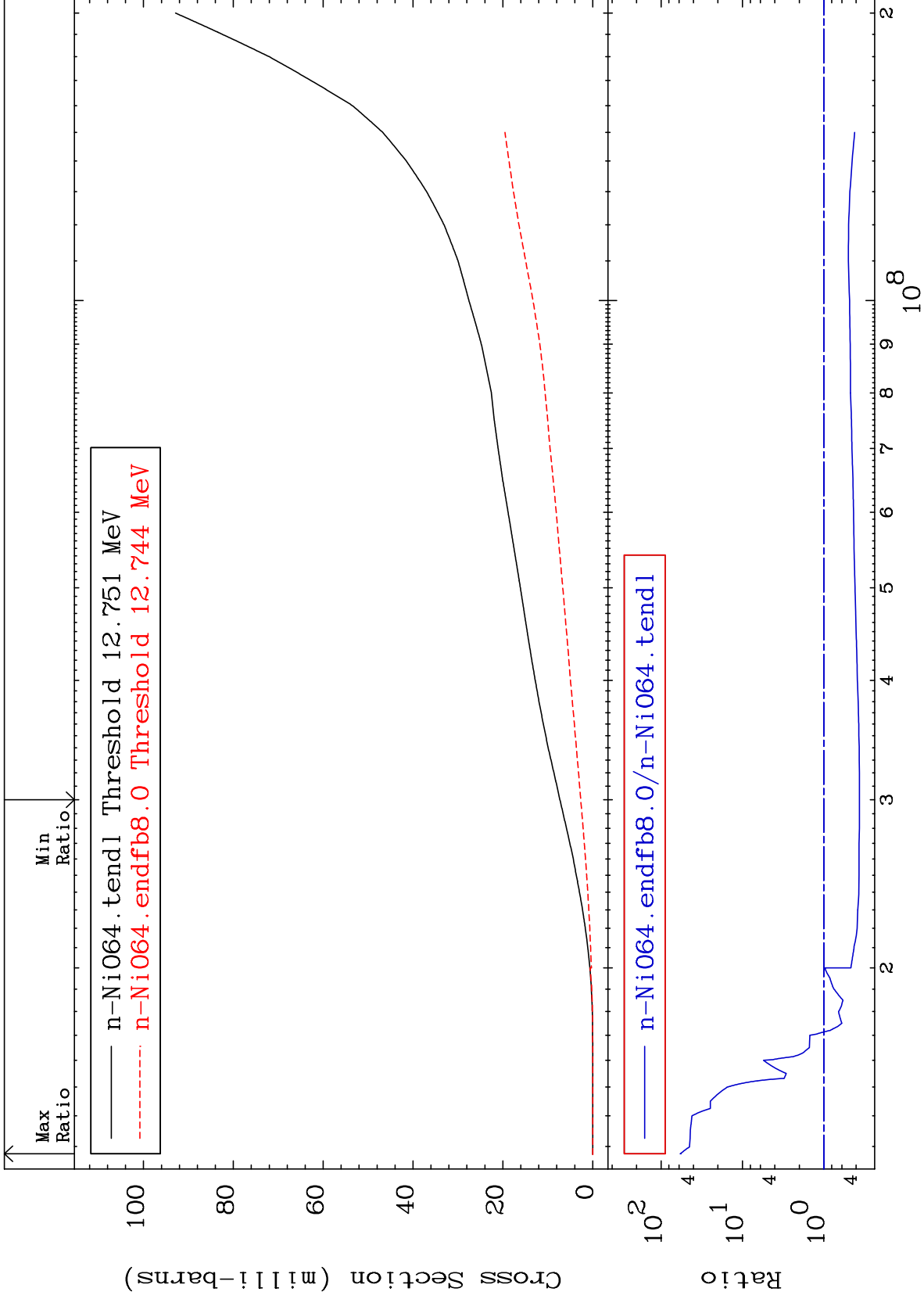
²⁸Ni-64
-74.20 To 623.9 %



MAT 2843

Tritium Production
Cross Section

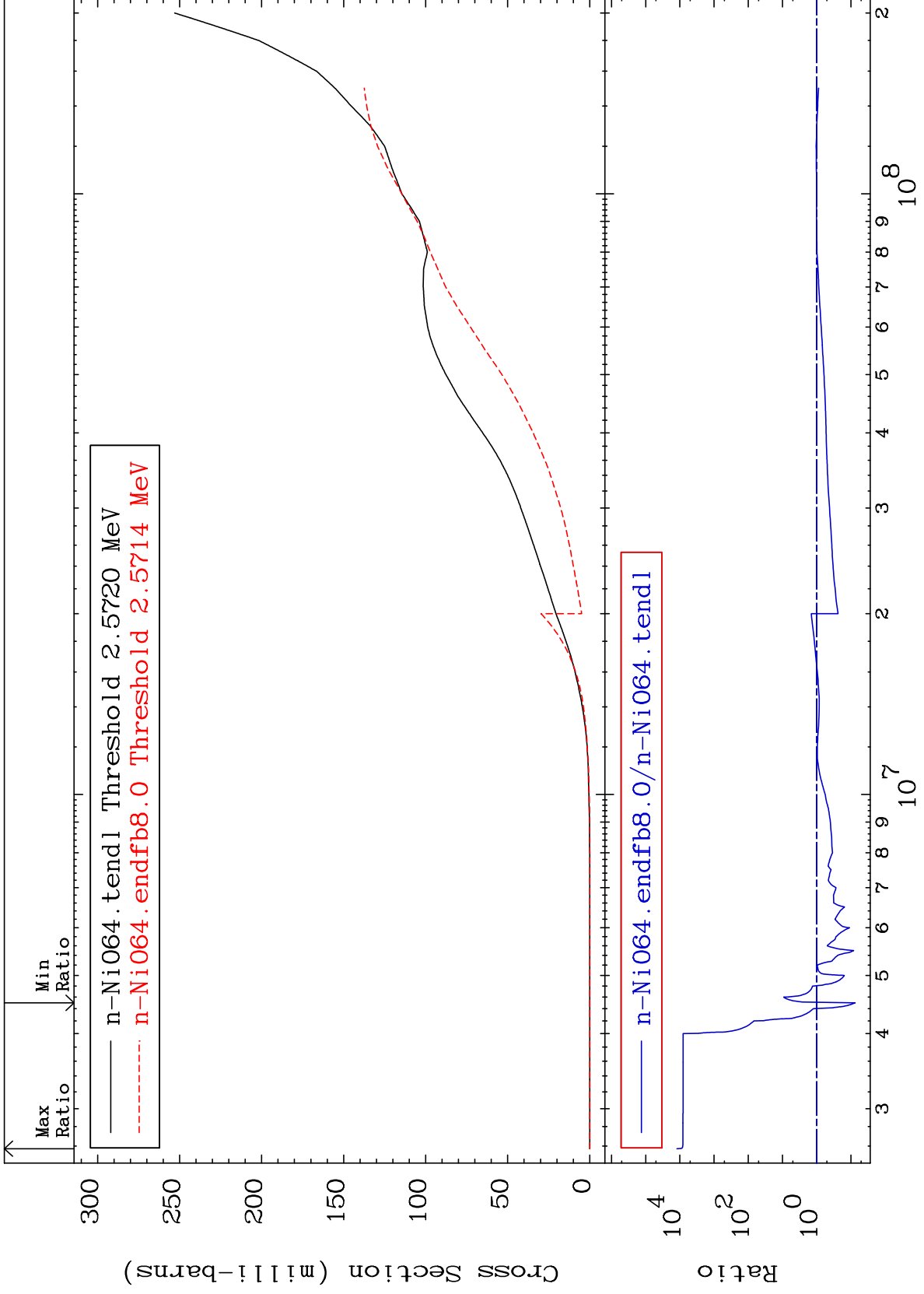
28-Ni-64
-63.52 To 5692. %

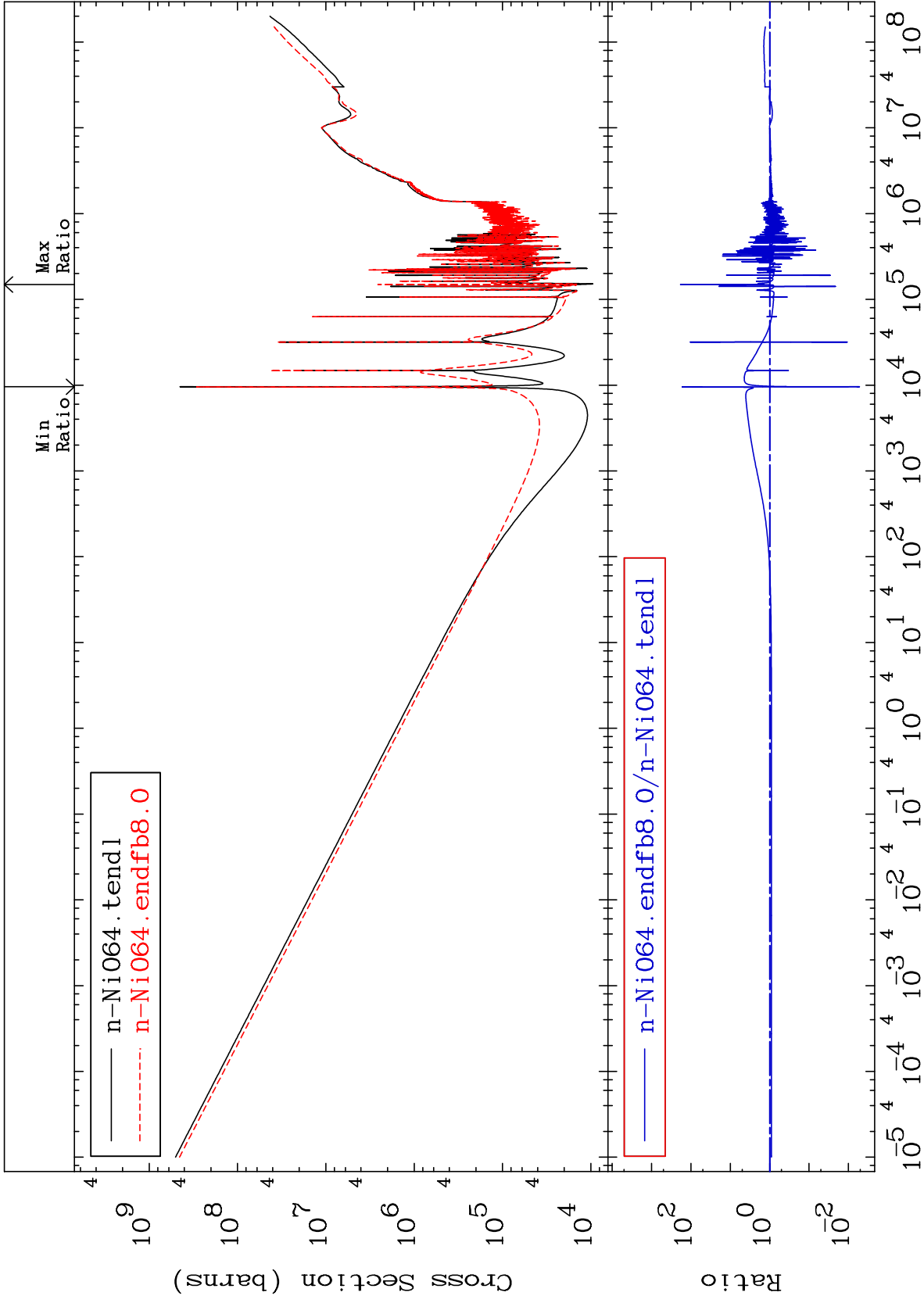


MAT 2843

He-4 Production
Cross Section

28-Ni-64
-92.47 To 9999. %

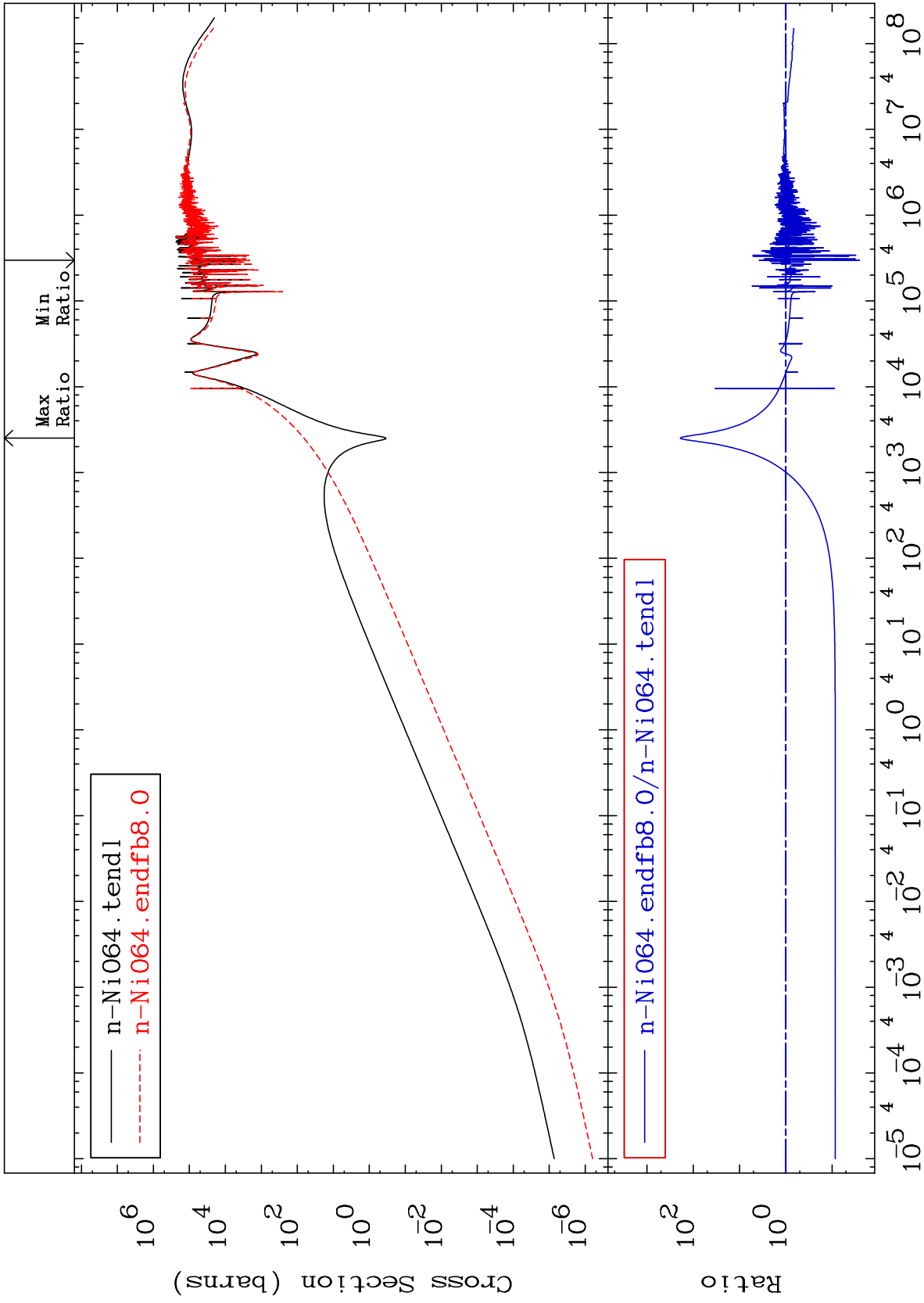




MAT 2843

Kerma elastic
Cross Section

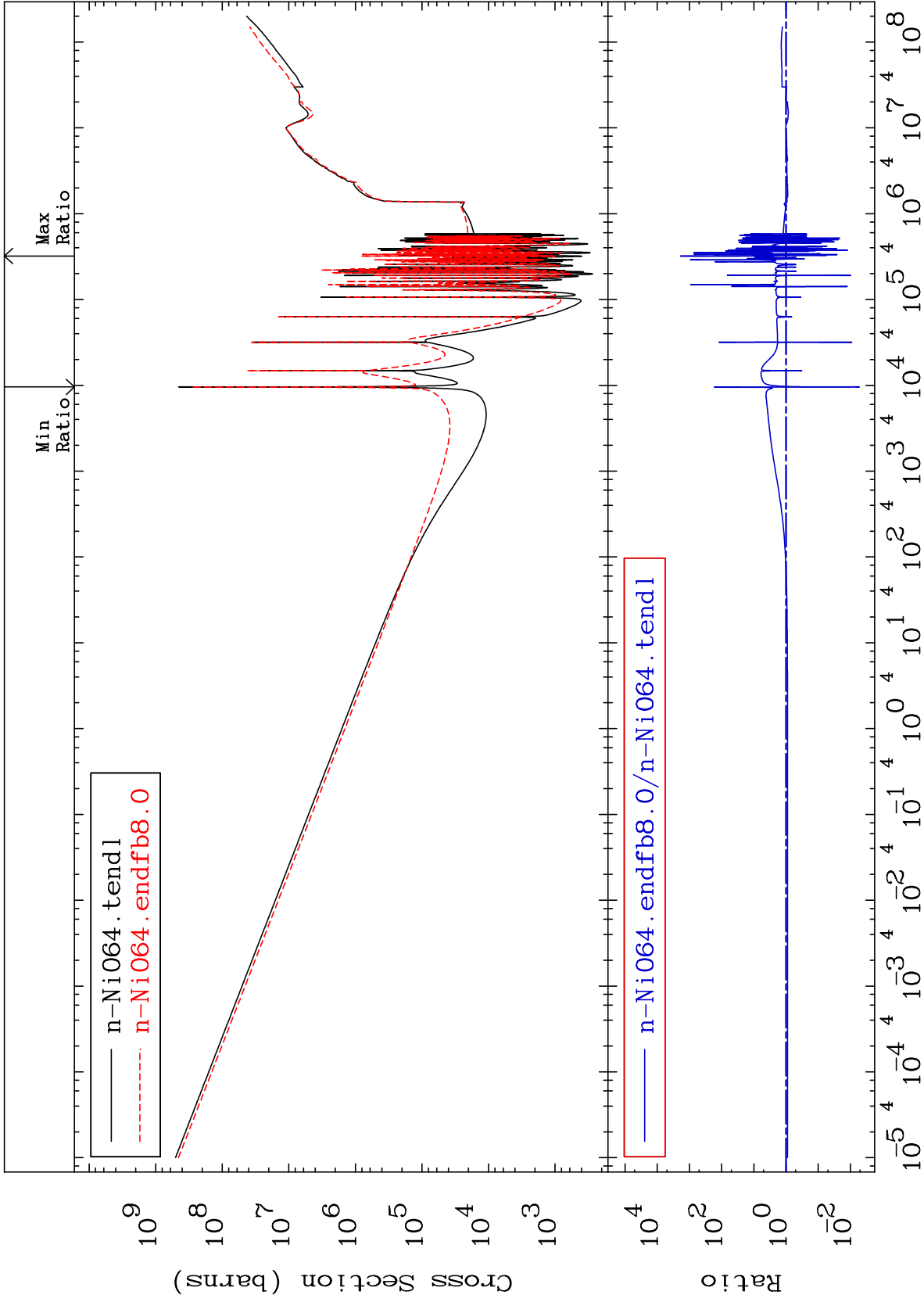
28-Ni-64
-97.44 To 9999. %

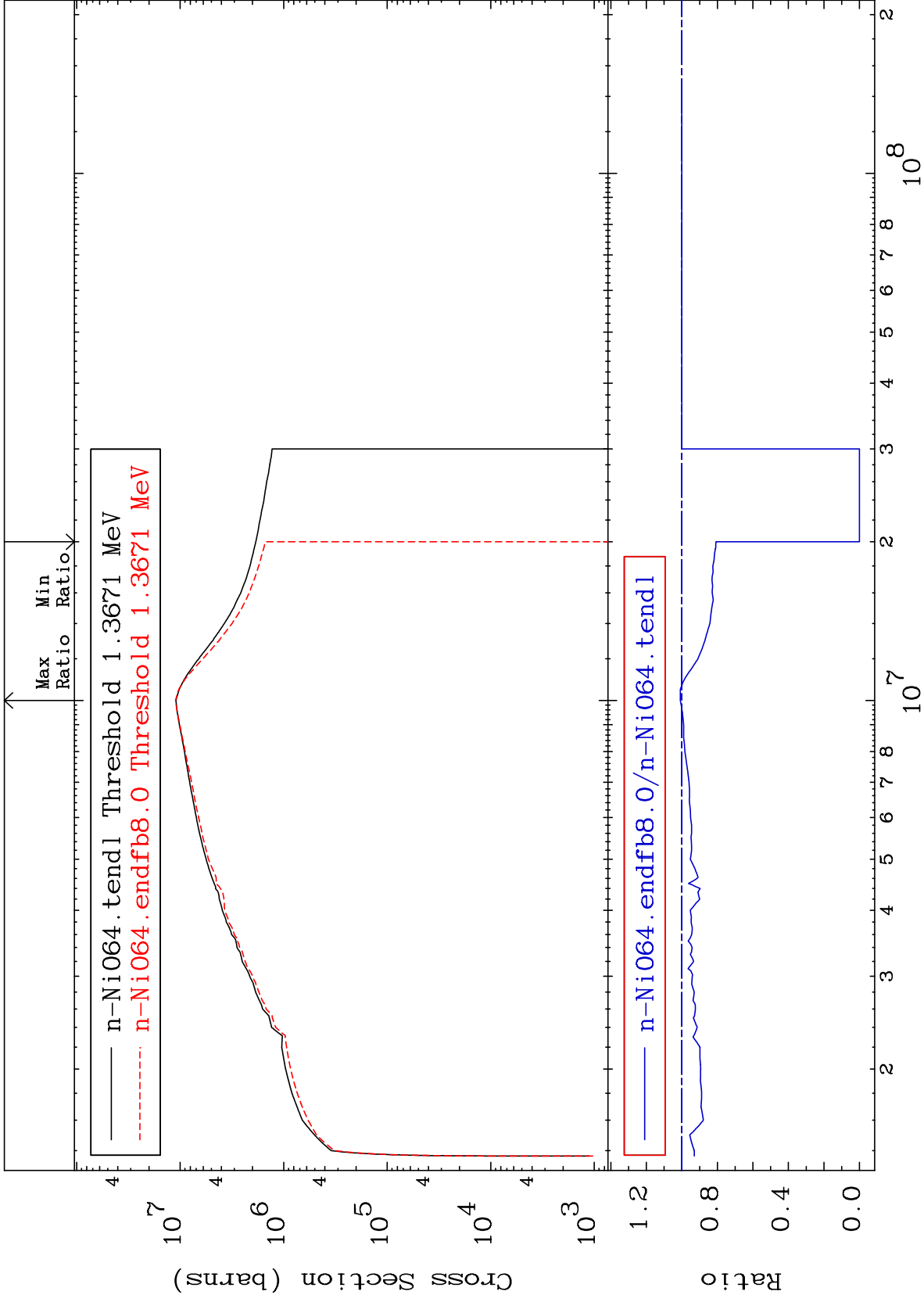


50

Incident Energy (eV)

28-Ni-64

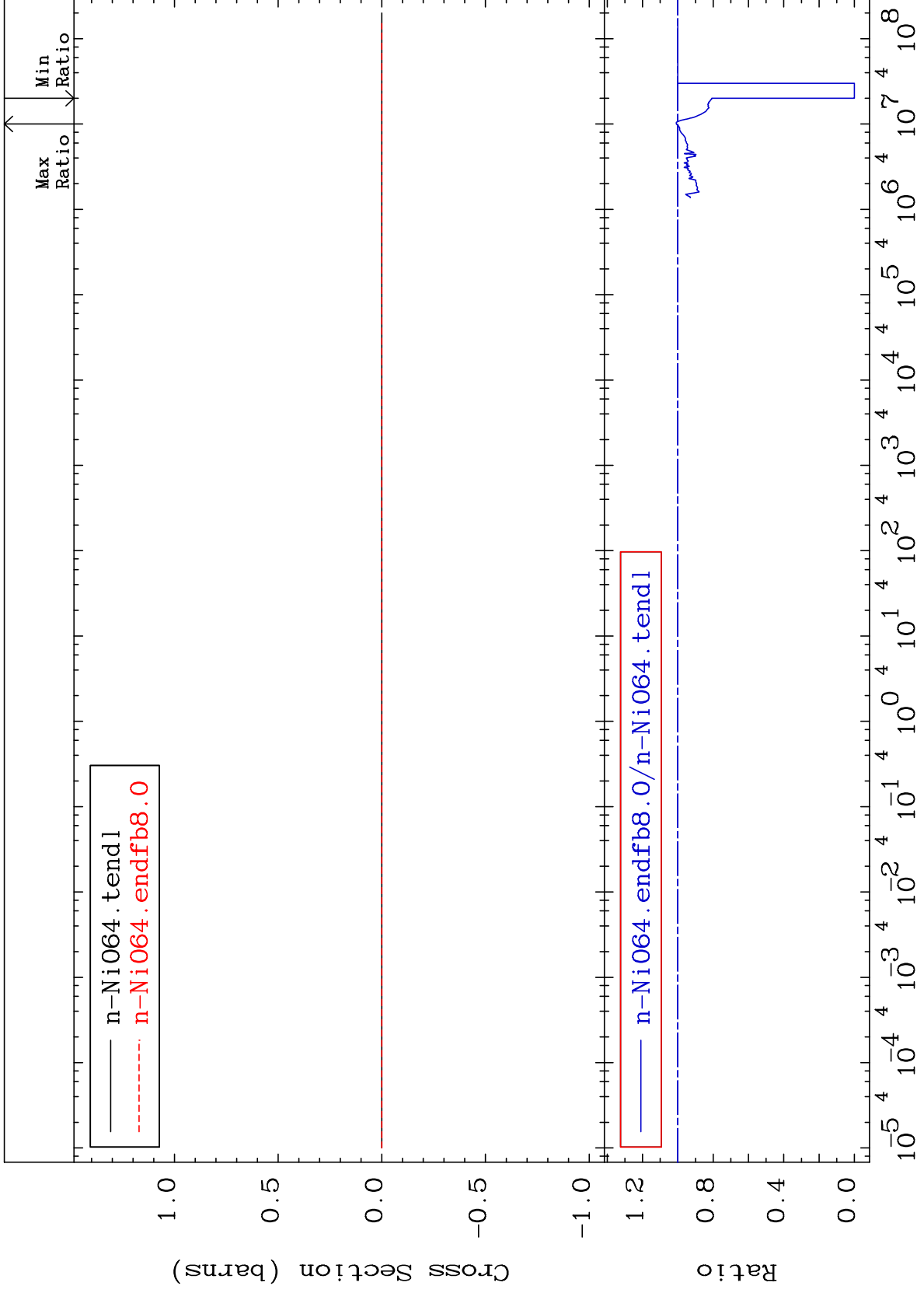




MAT 2843

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

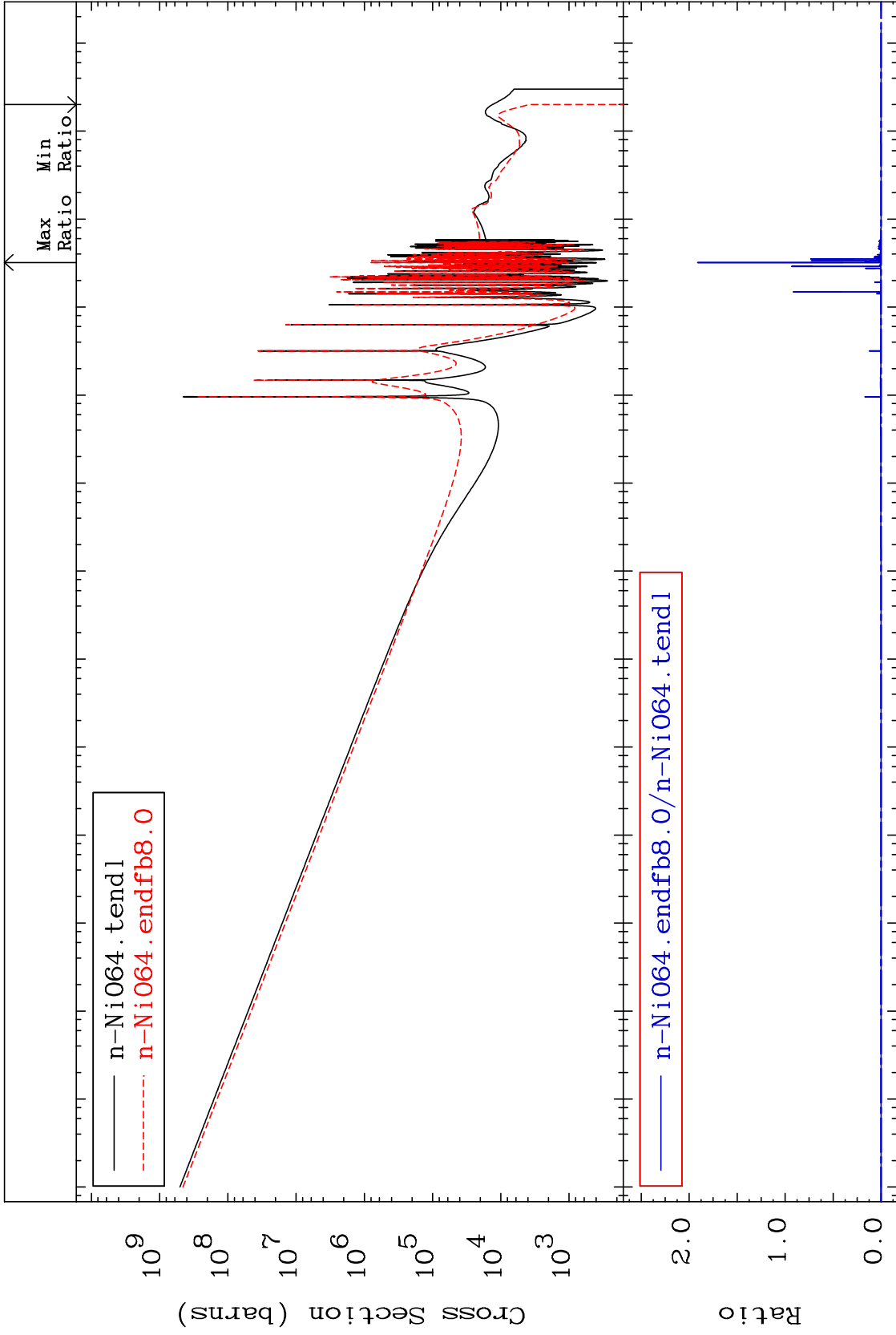
28-Ni-64
-100.0 To 0.841 %



MAT 2843

Kerma capture (mt102)
Cross Section

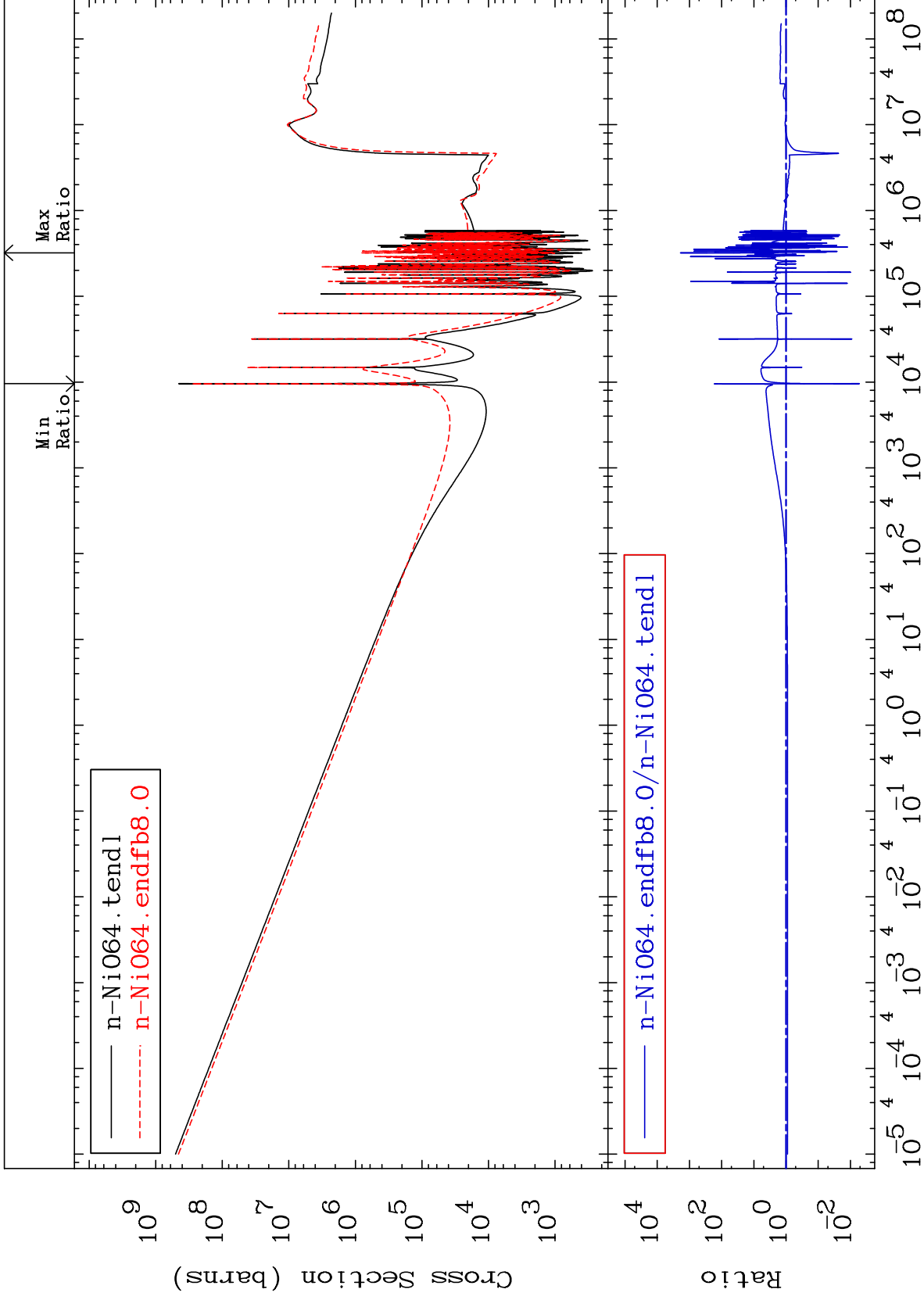
28-Ni-64
-100.0 To 9999. %

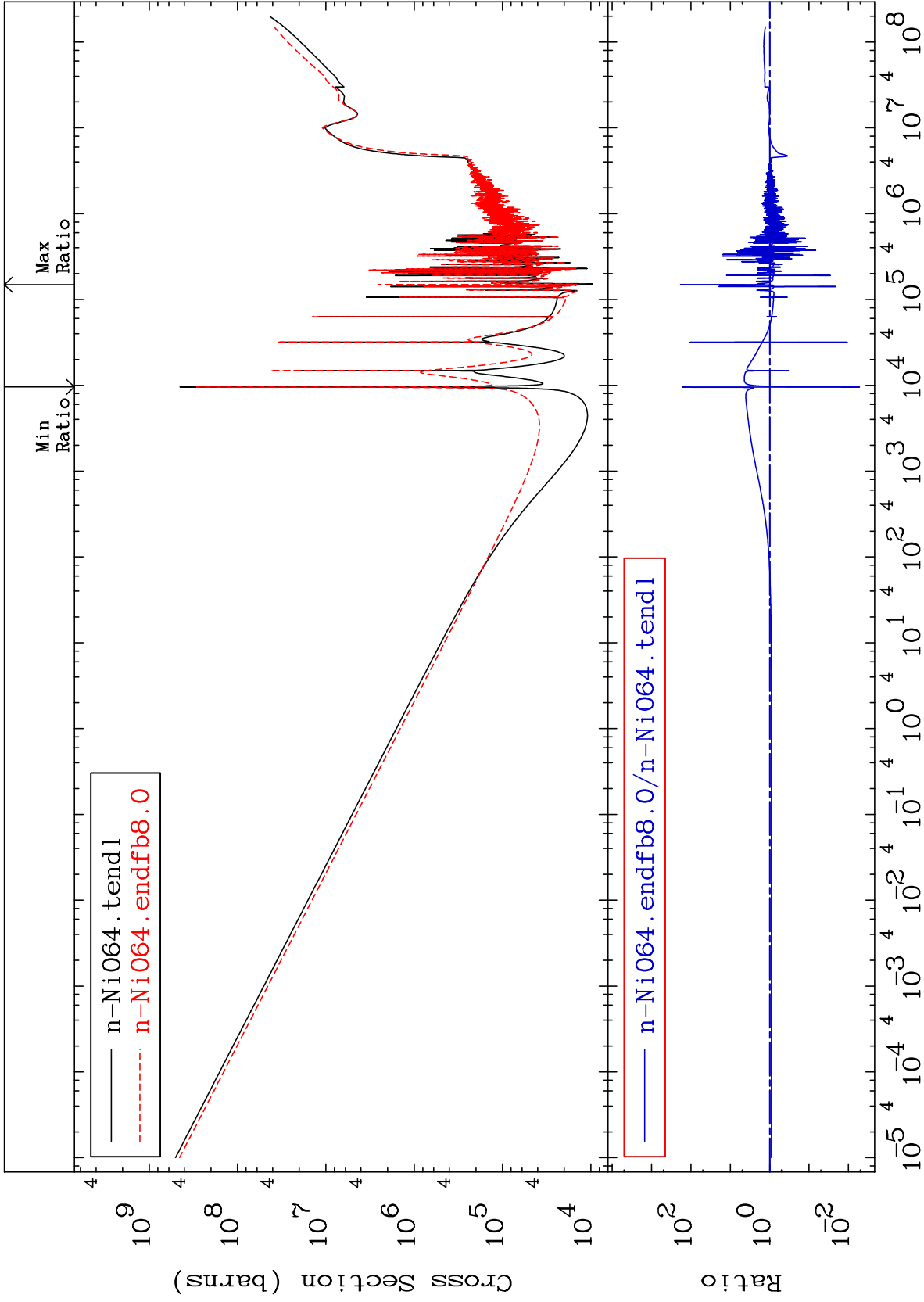


54

Incident Energy (eV)

28-Ni-64

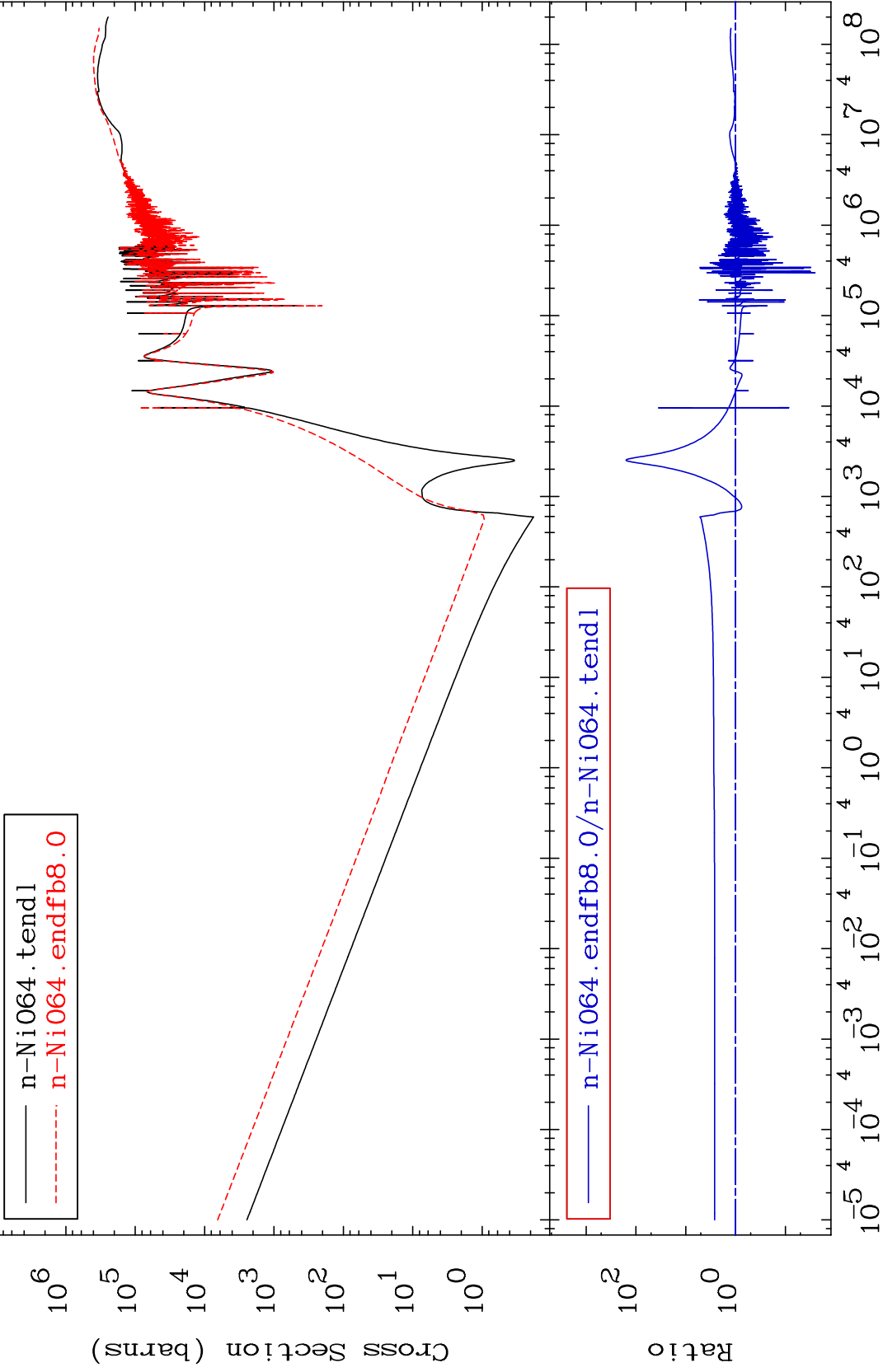




MAT 2843

Dpa total (eV-barns)
Cross Section

28-Ni-64
-97.44 To 9999. %



57

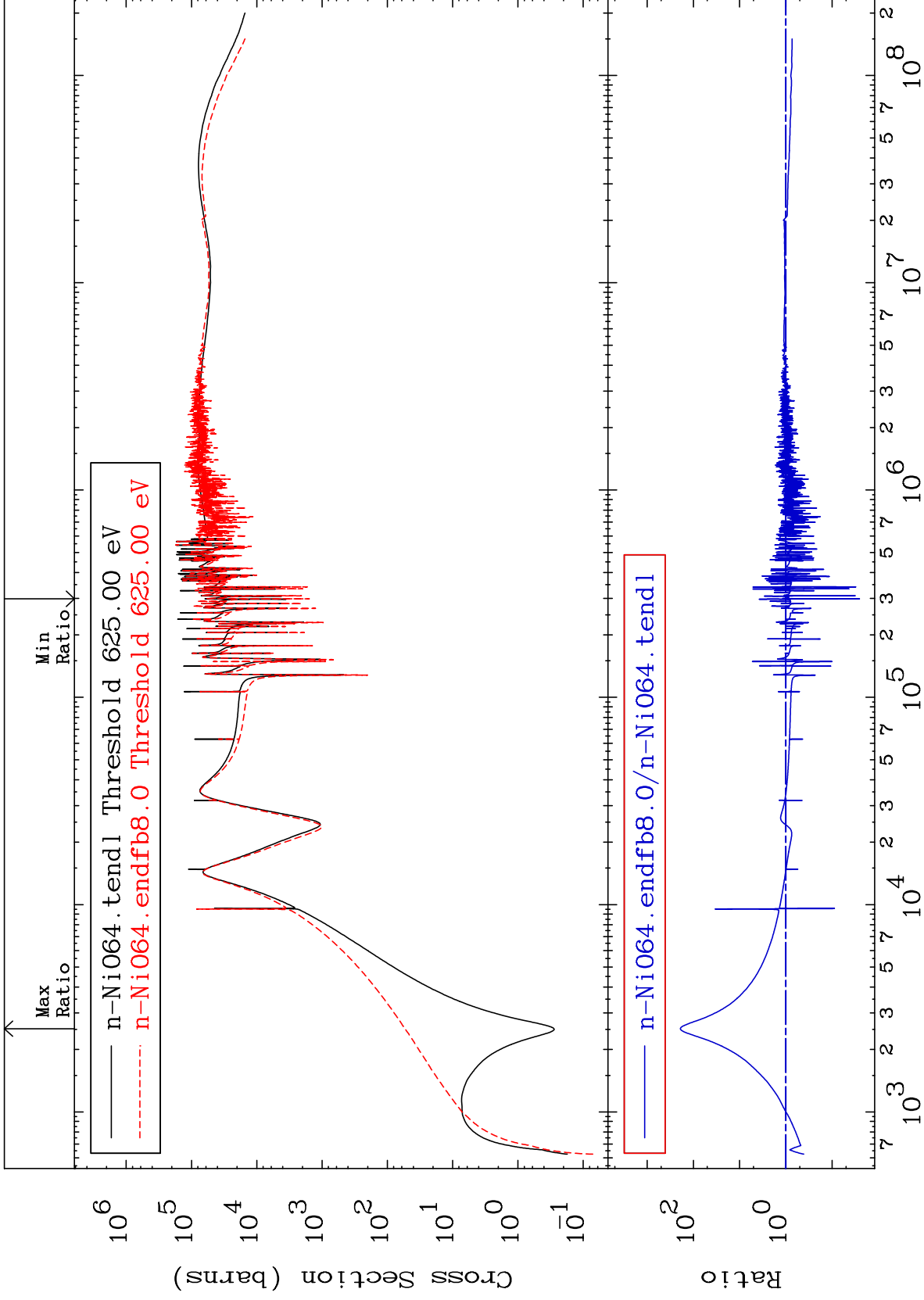
Incident Energy (eV)

28-Ni-64

MAT 2843

Dpa elastic (mt2)
Cross Section

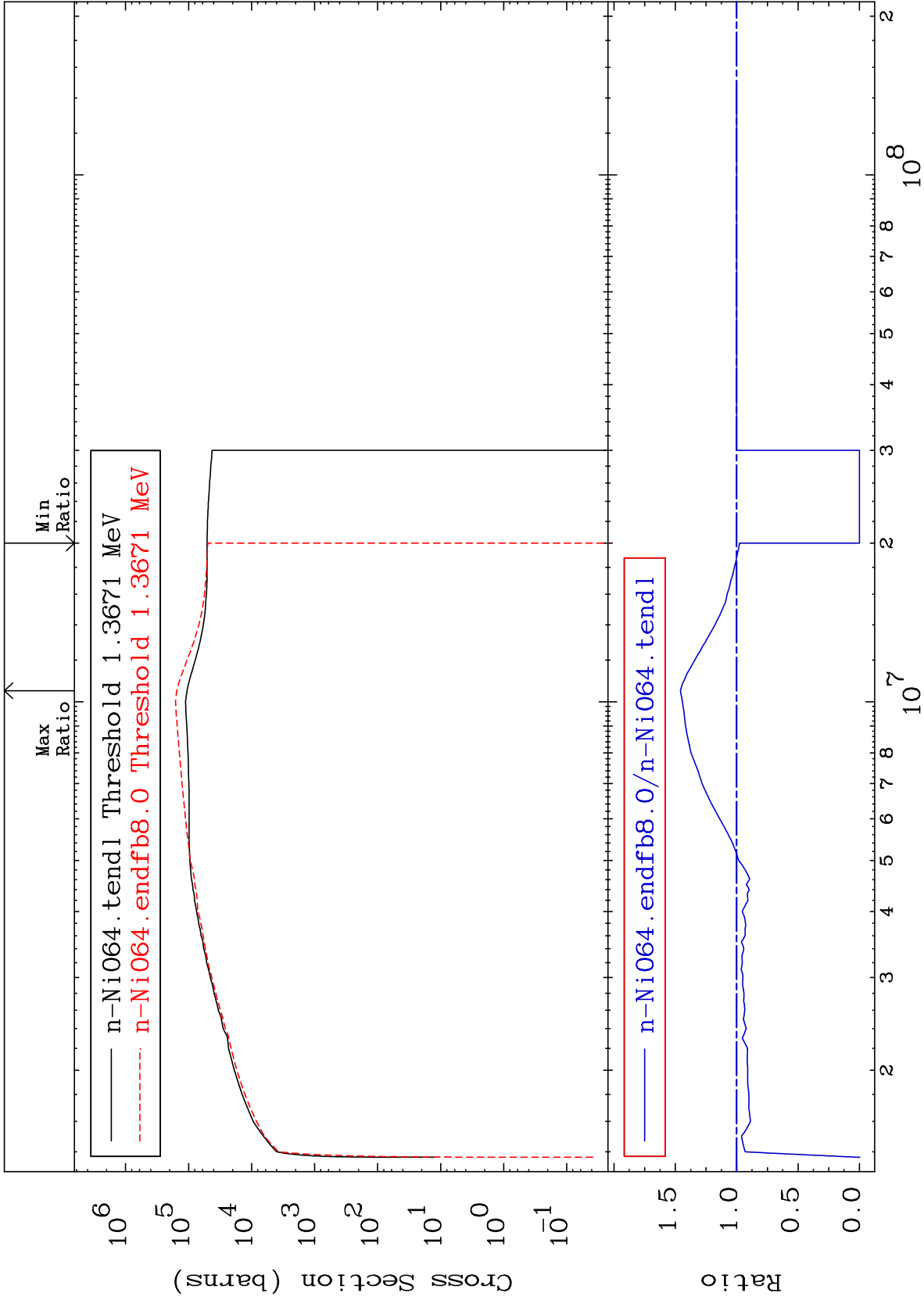
28-Ni-64
-97.44 To 9999. %



58

Incident Energy (eV)

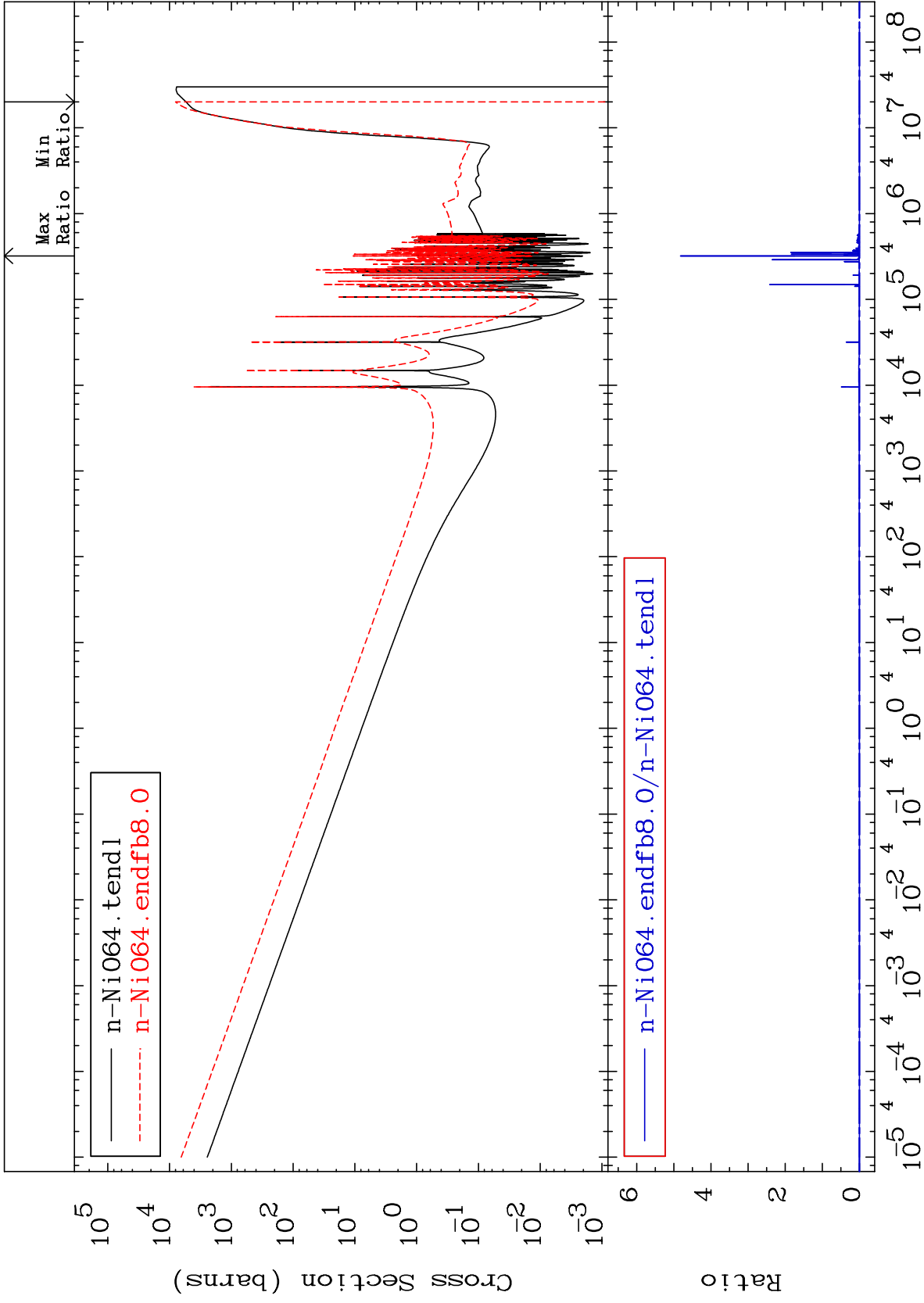
28-Ni-64



MAT 2843

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-64
-100.0 To 9999. %



60

Incident Energy (eV)

28-Ni-64