

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

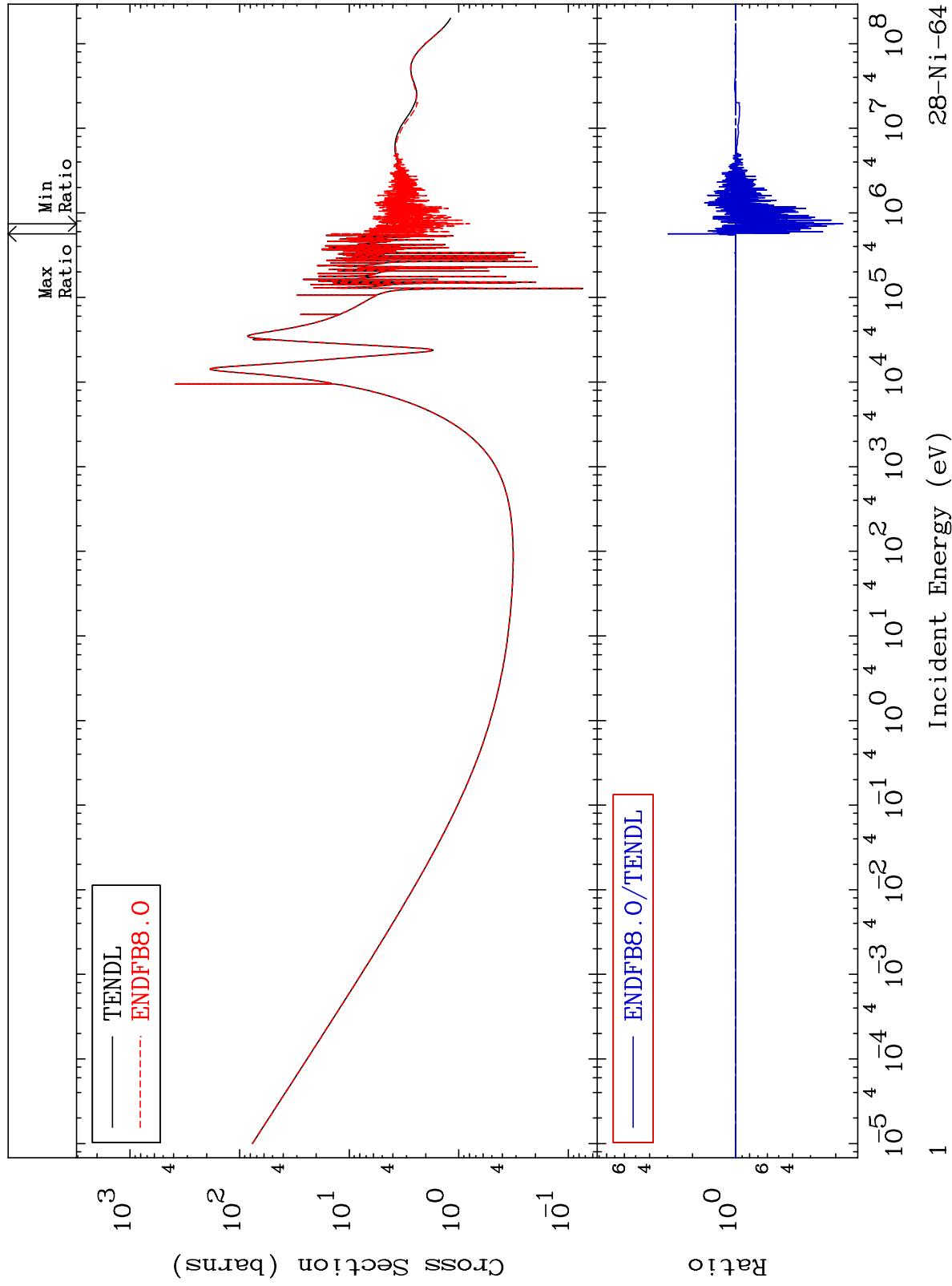
MAT 2843

Total

Cross Section

28-Ni-64

-82.19 To 197.2 %



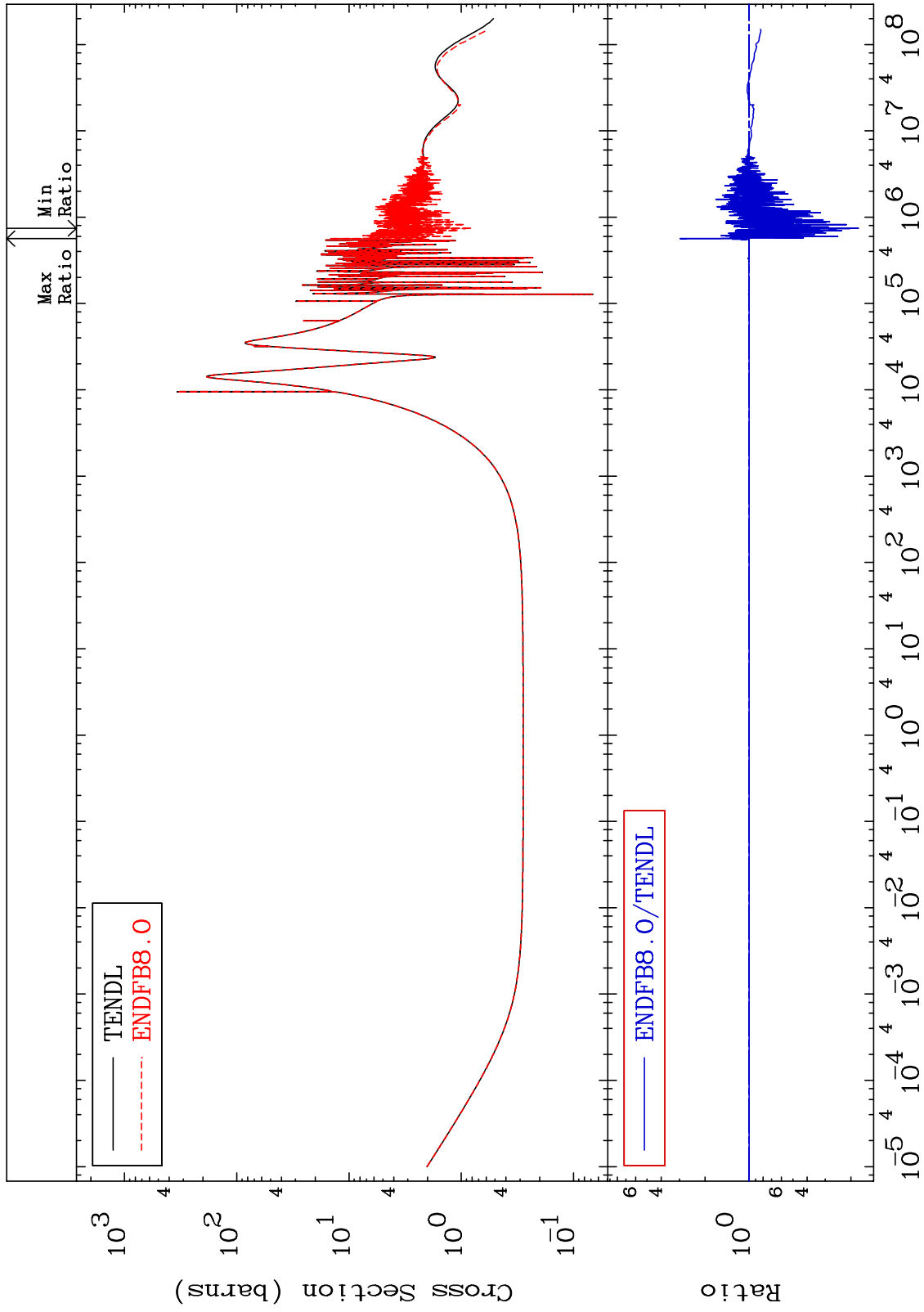
Incident Energy (eV)

28-Ni-64

MAT 2843

Elastic
Cross Section

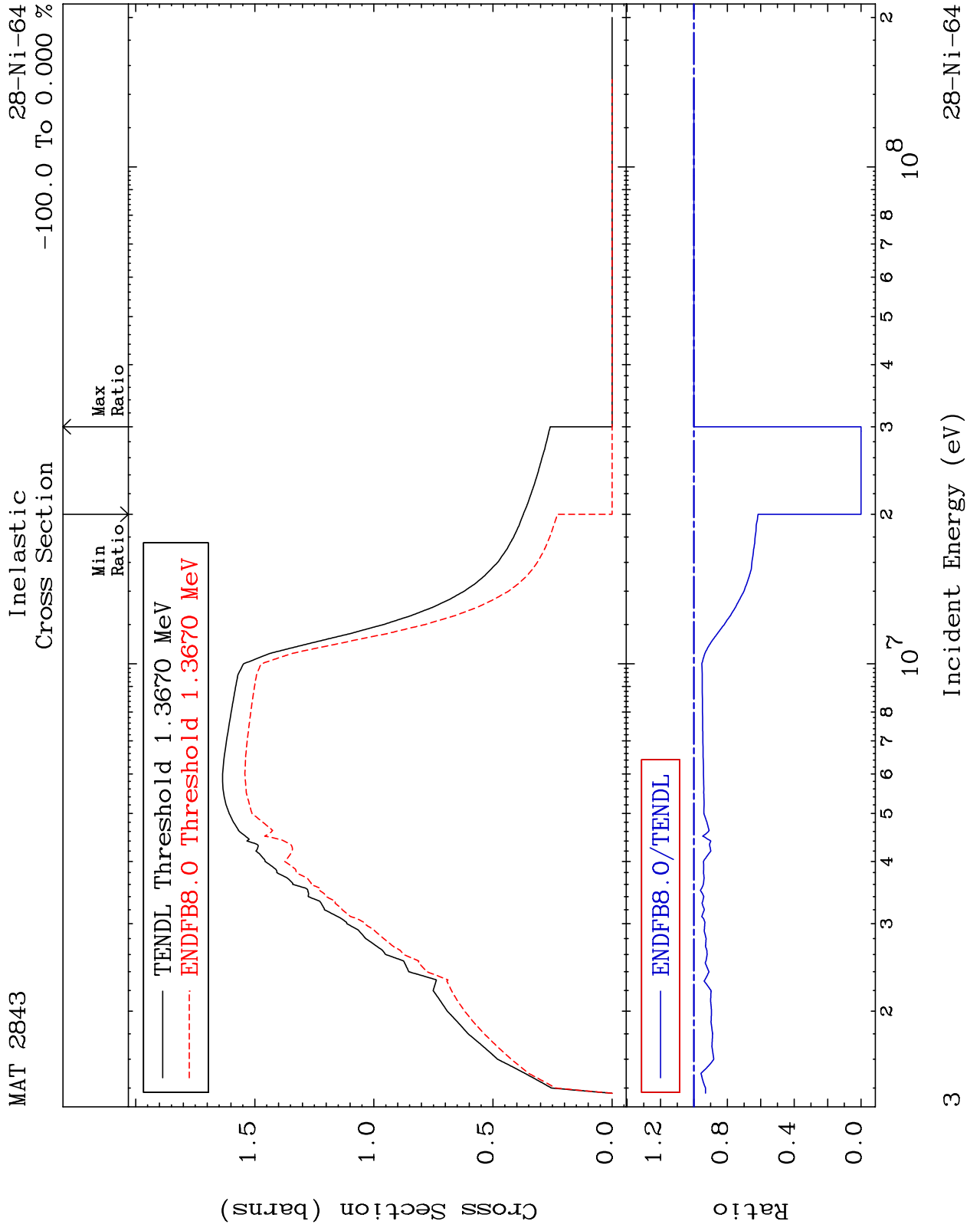
28-Ni-64
-82.24 To 197.3 %



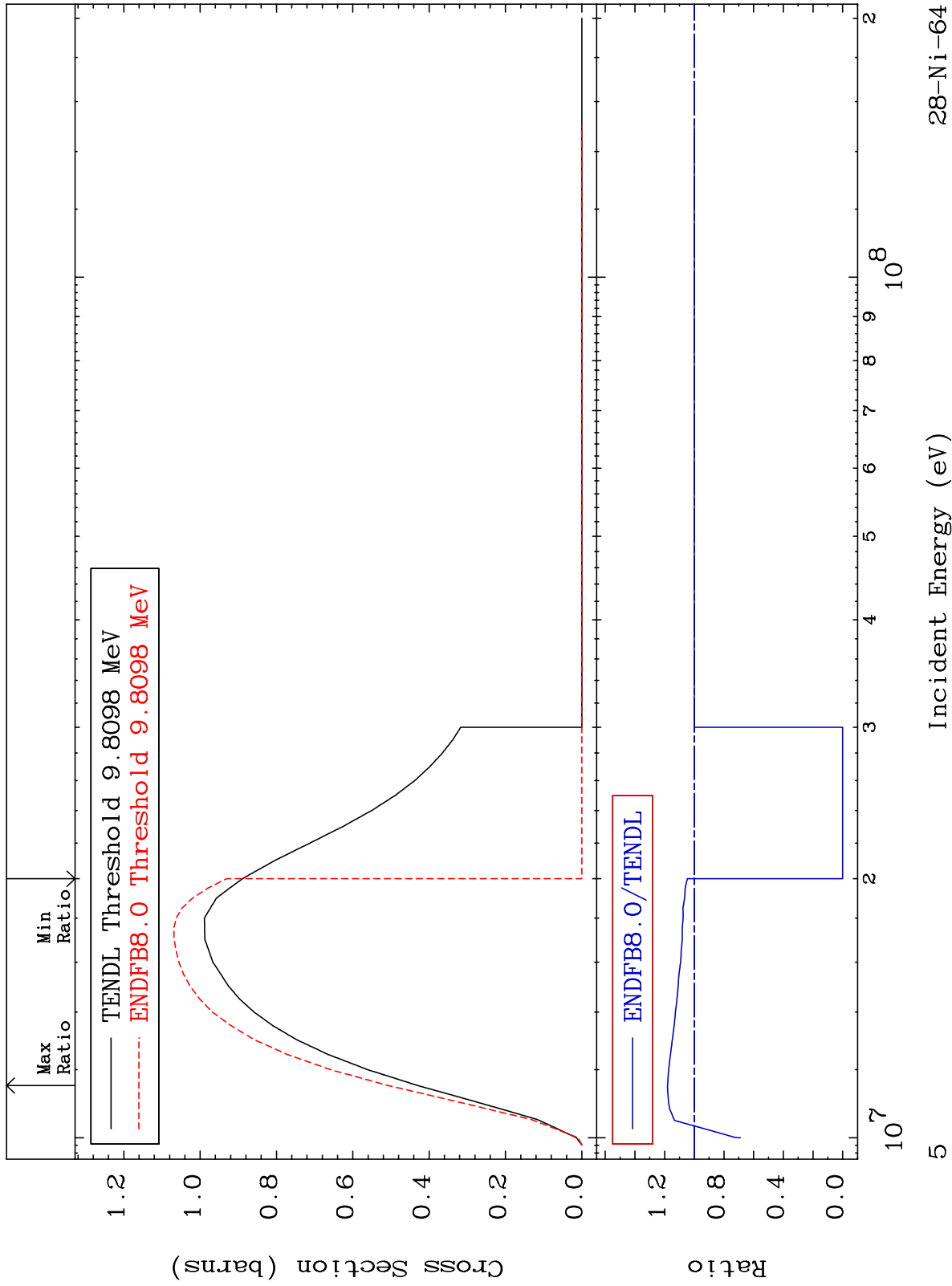
Incident Energy (eV)

28-Ni-64

2

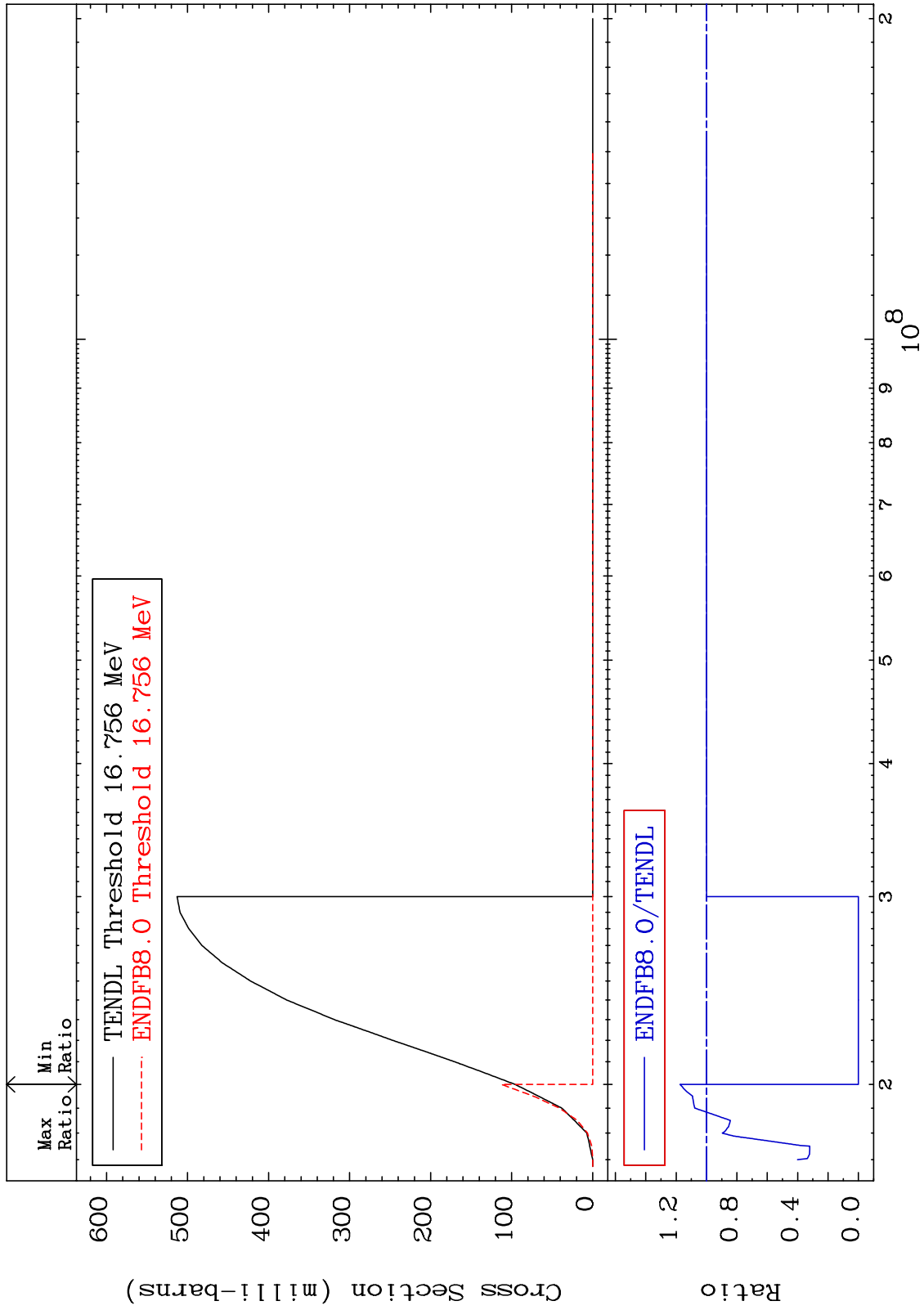


MAT 2843 $(n, 2n)$ Cross Section $^{28}\text{Ni-64}$ -100.0 To 18.02 %



$^{28}\text{Ni-64}$

MAT 2843 (n,3n) Cross Section 28-Ni-64 -100.0 To 17.47 %



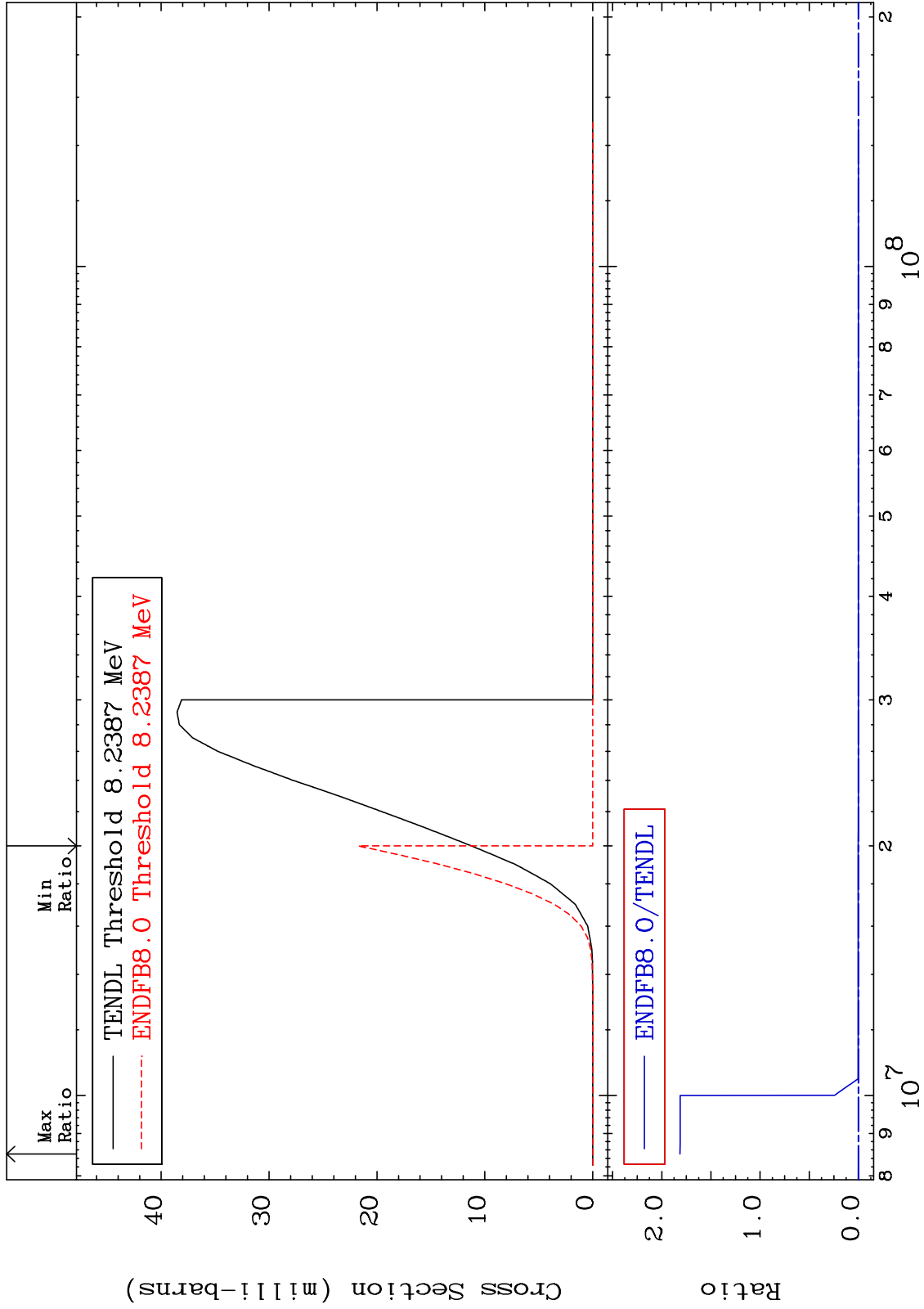
MAT 2843

(n,n') α

28-Ni-64

Cross Section

-100.0 To 9999. %



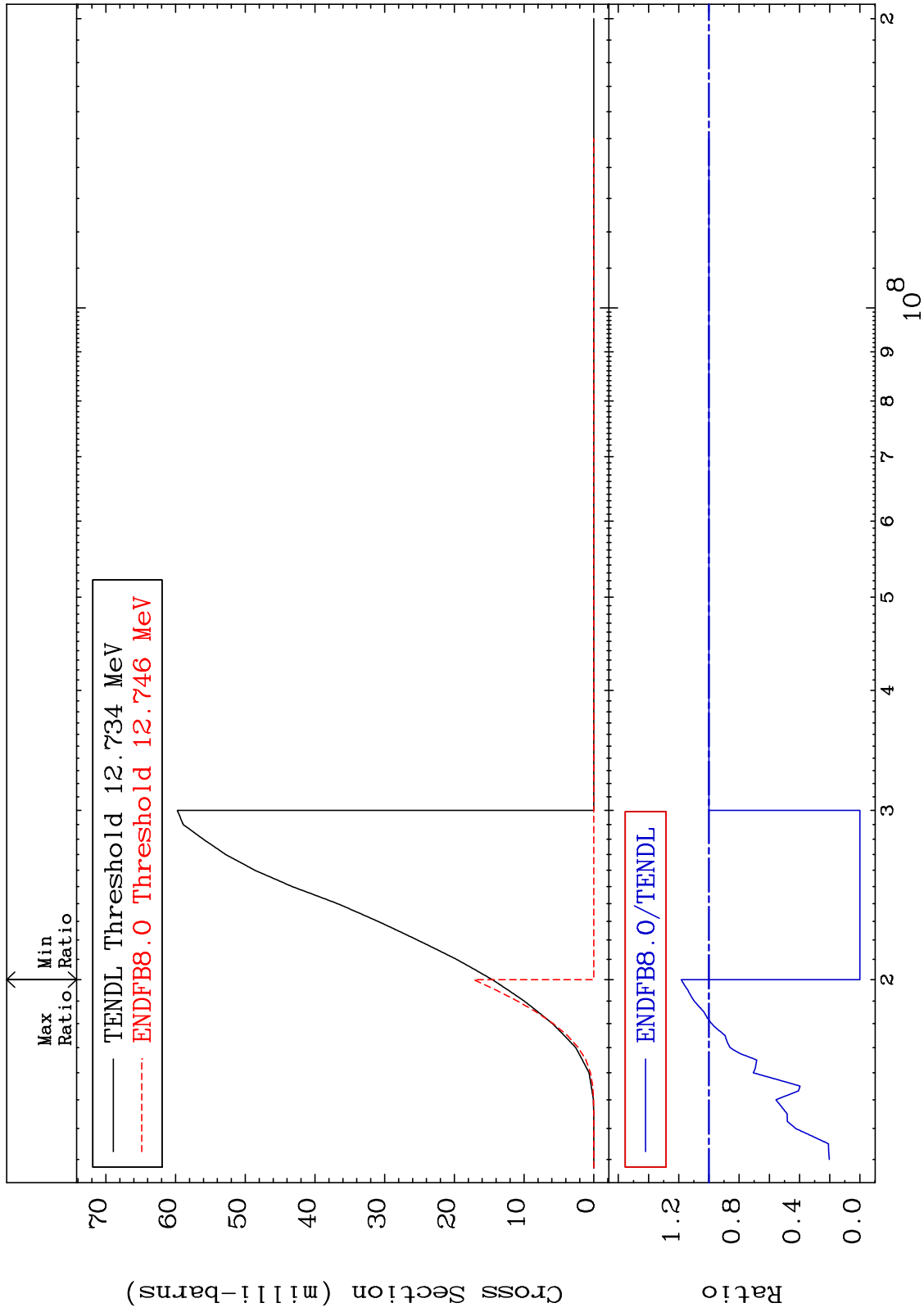
Incident Energy (eV)

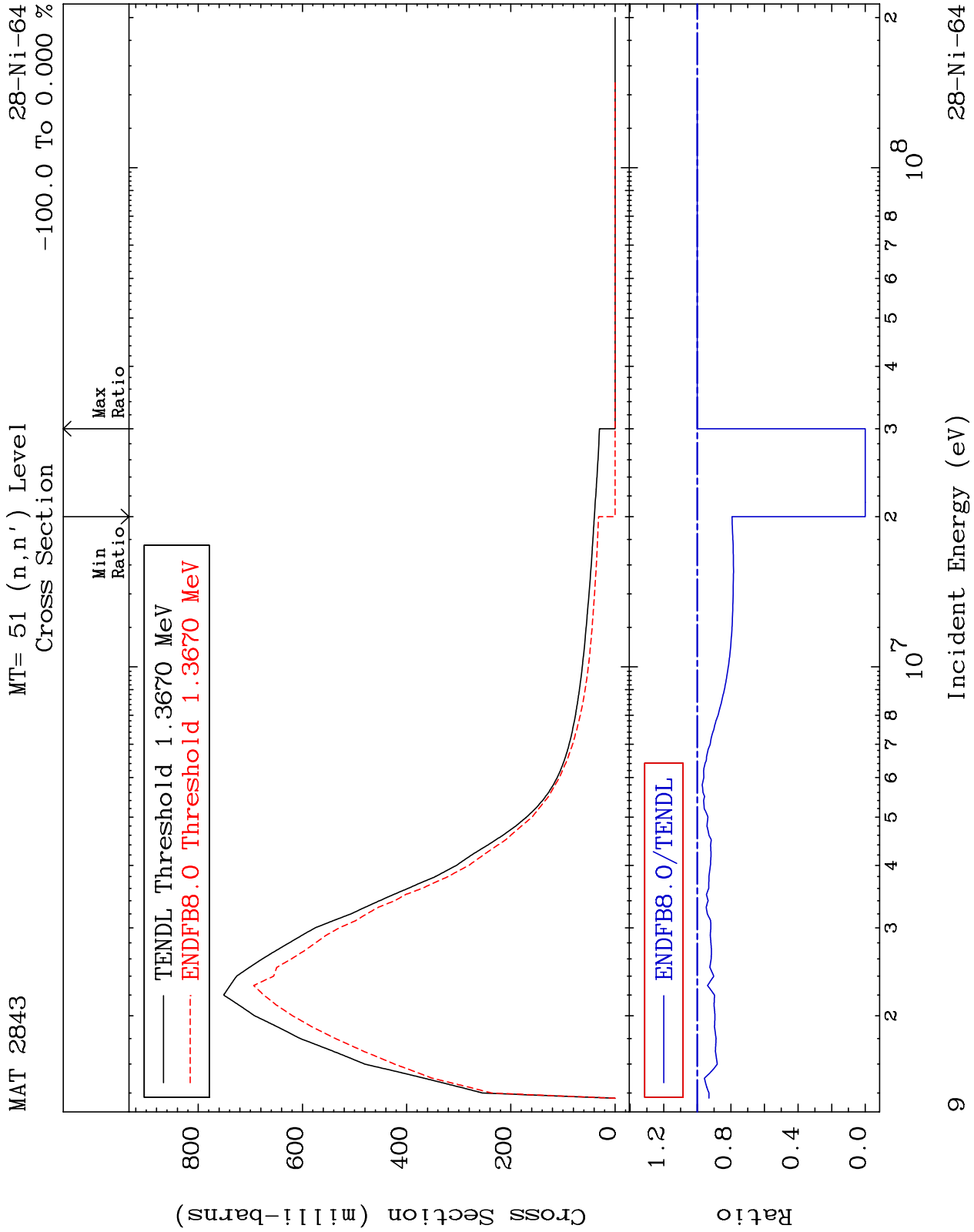
28-Ni-64

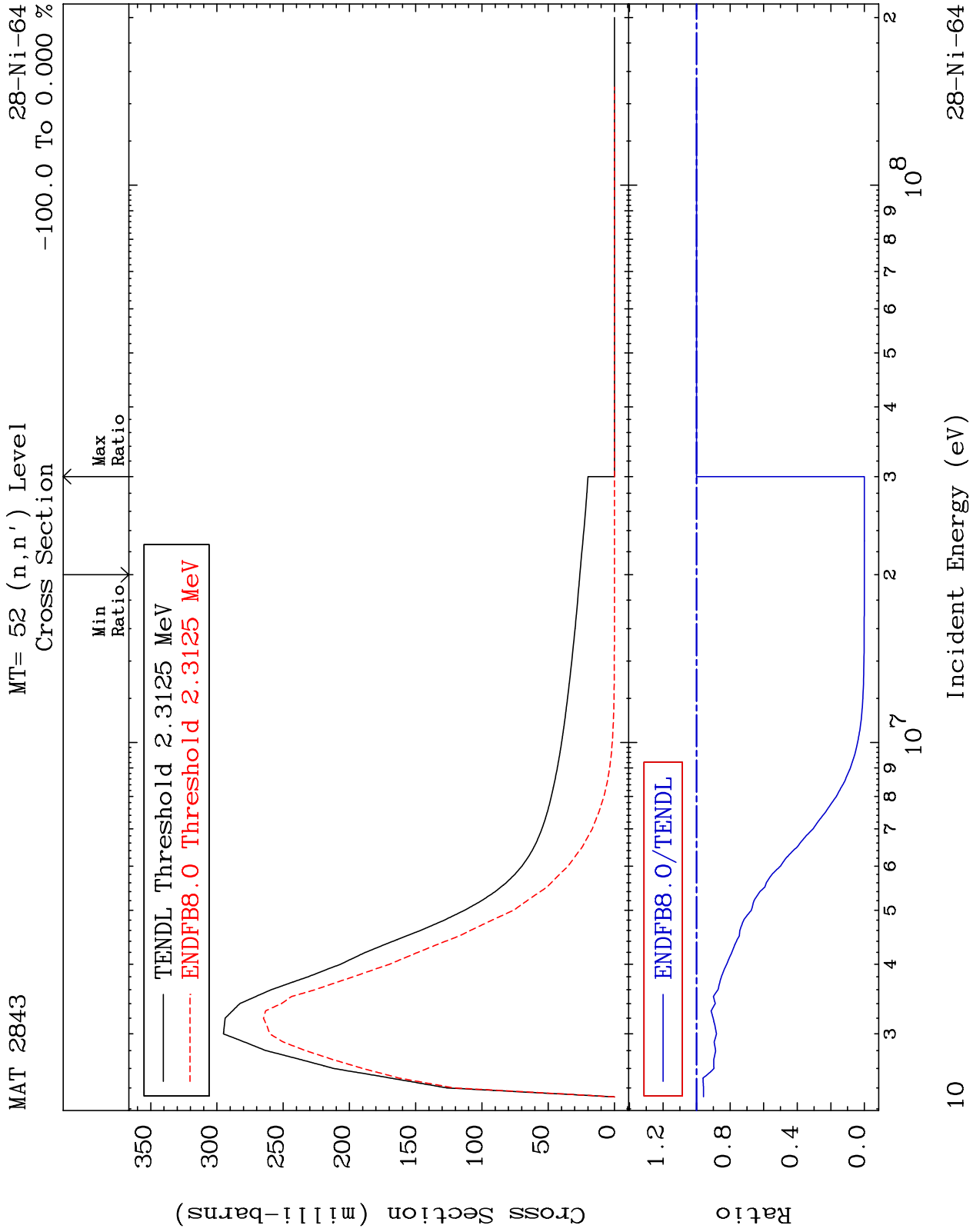
MAT 2843

(n,n') p
Cross Section

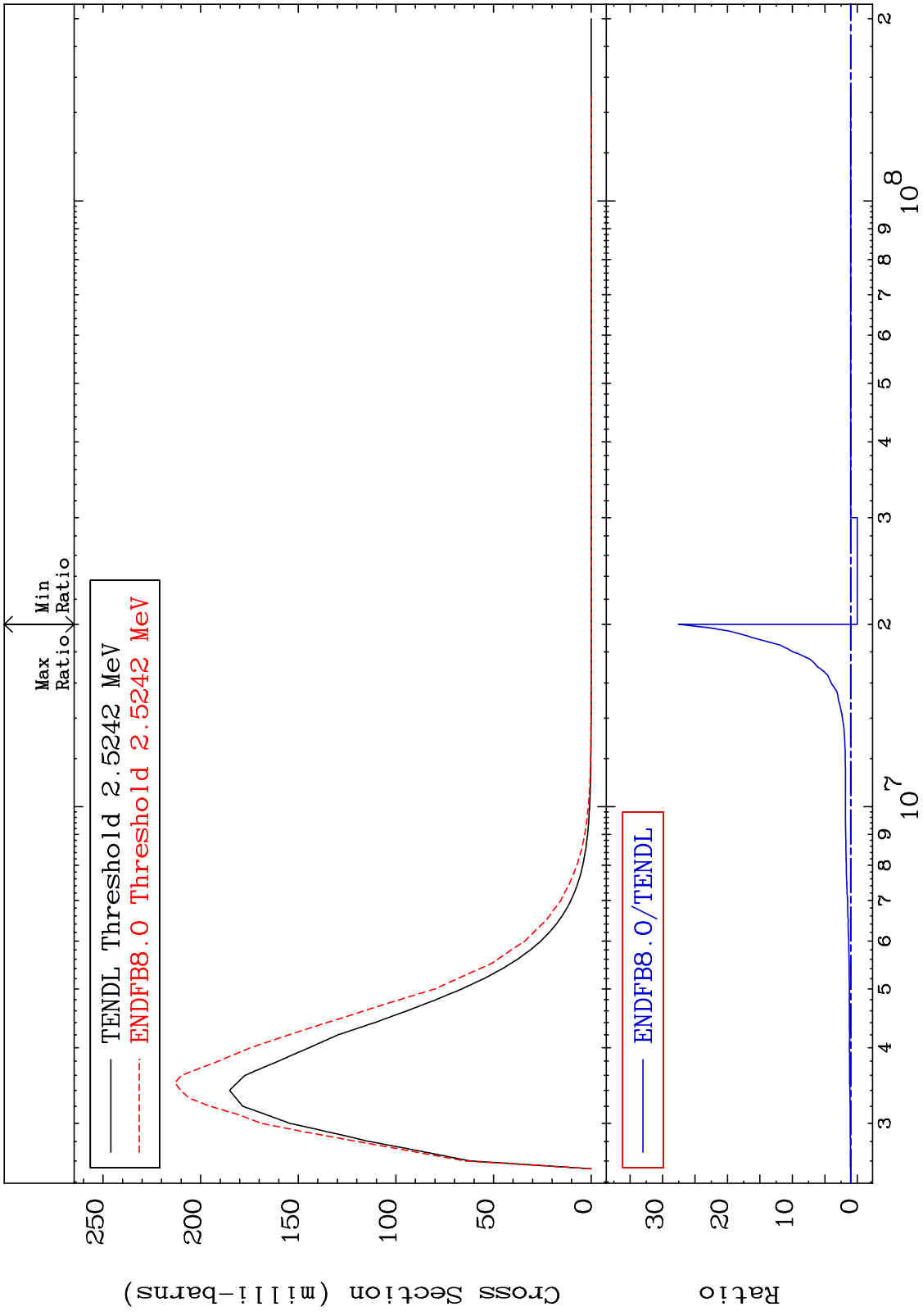
28-Ni-64
-100.0 To 18.34 %

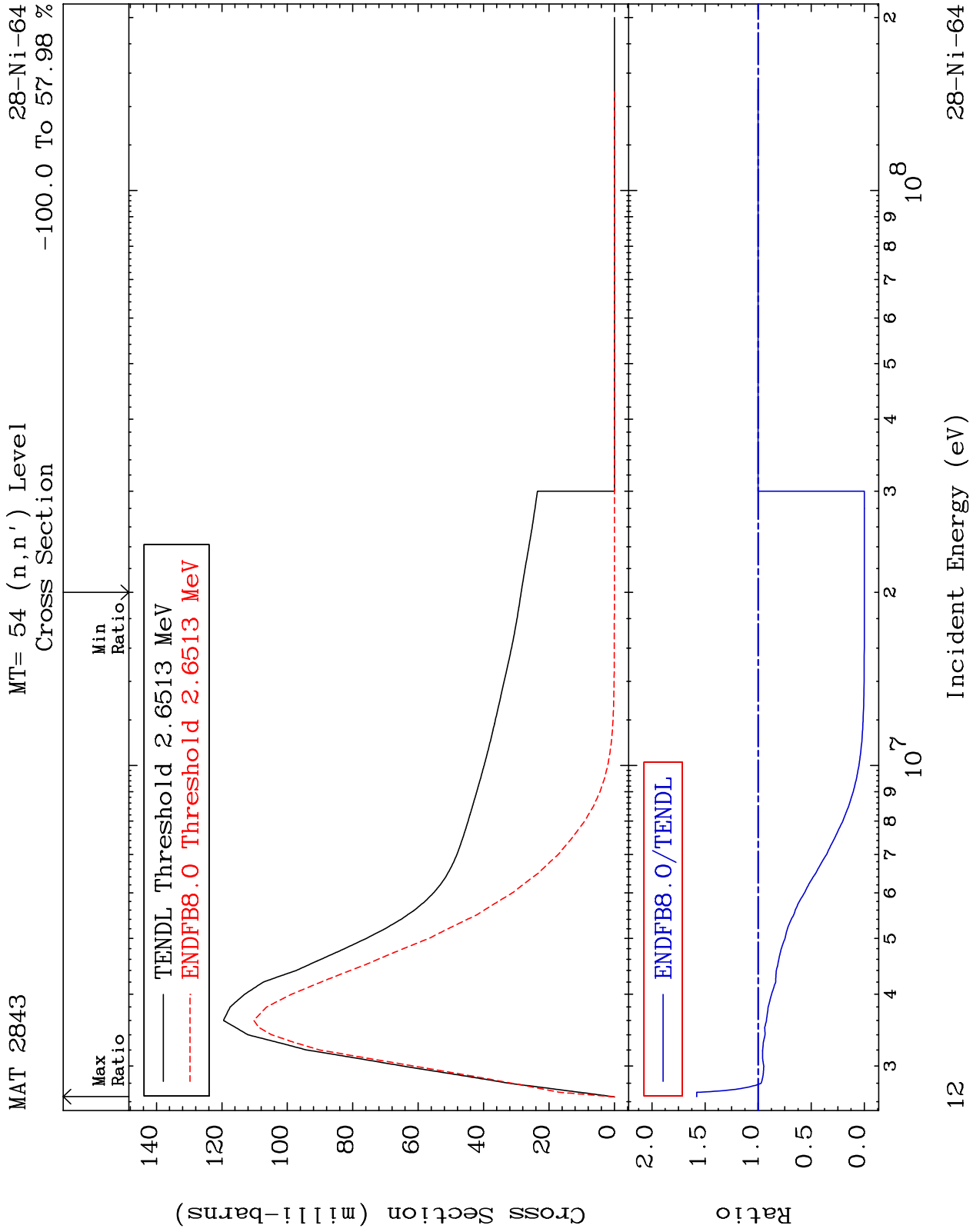


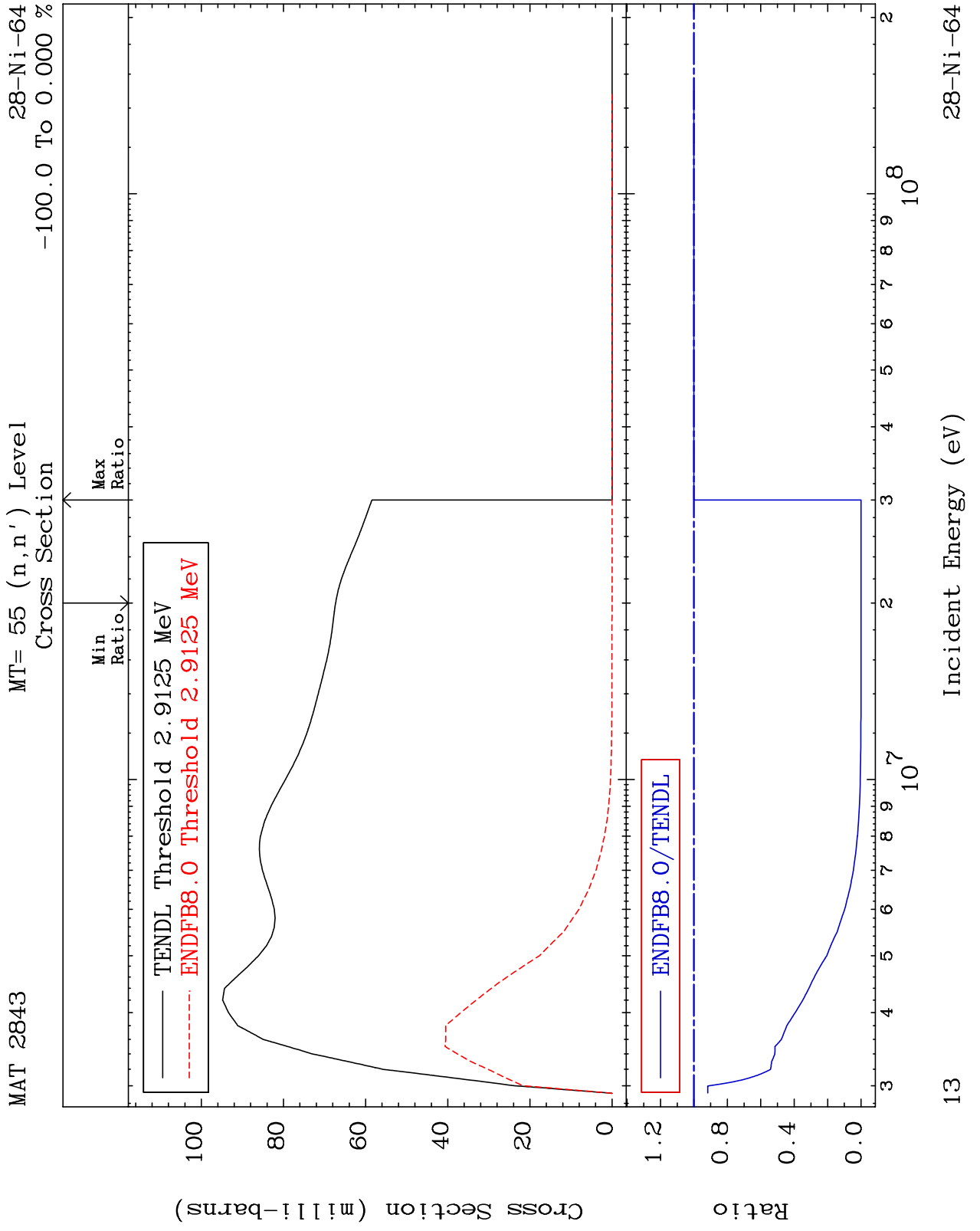


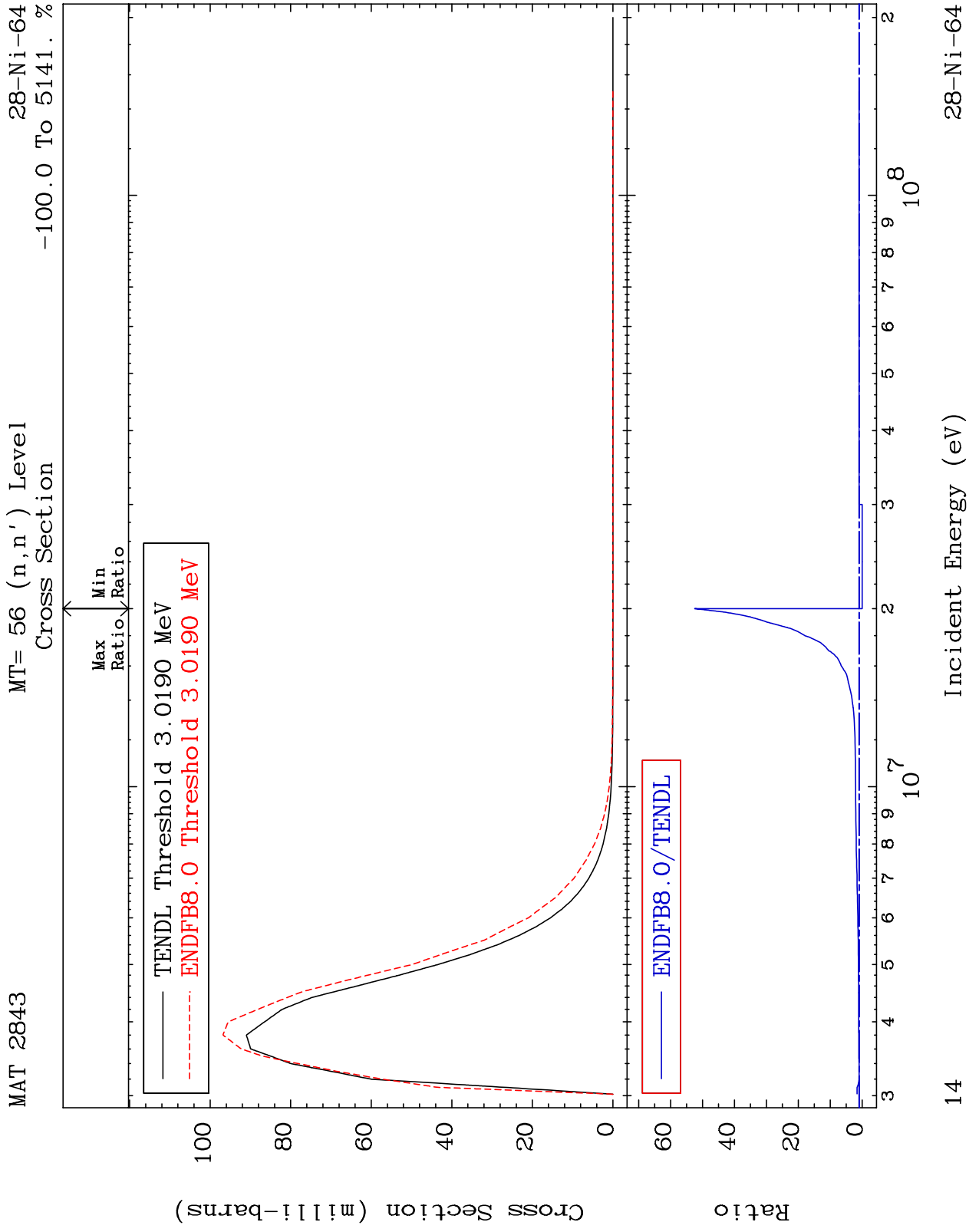


MAT 2843 MT= 53 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 2652. %

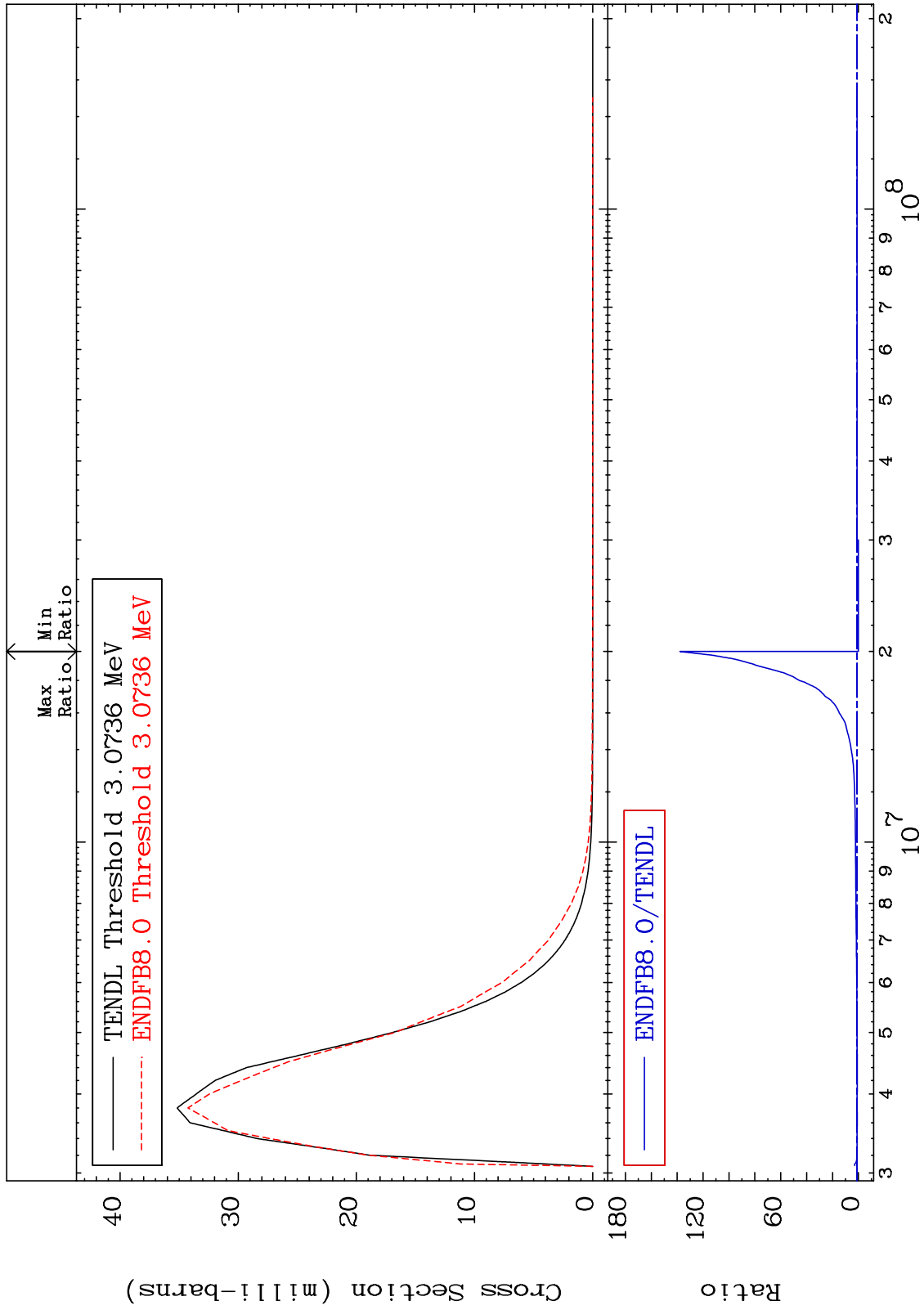






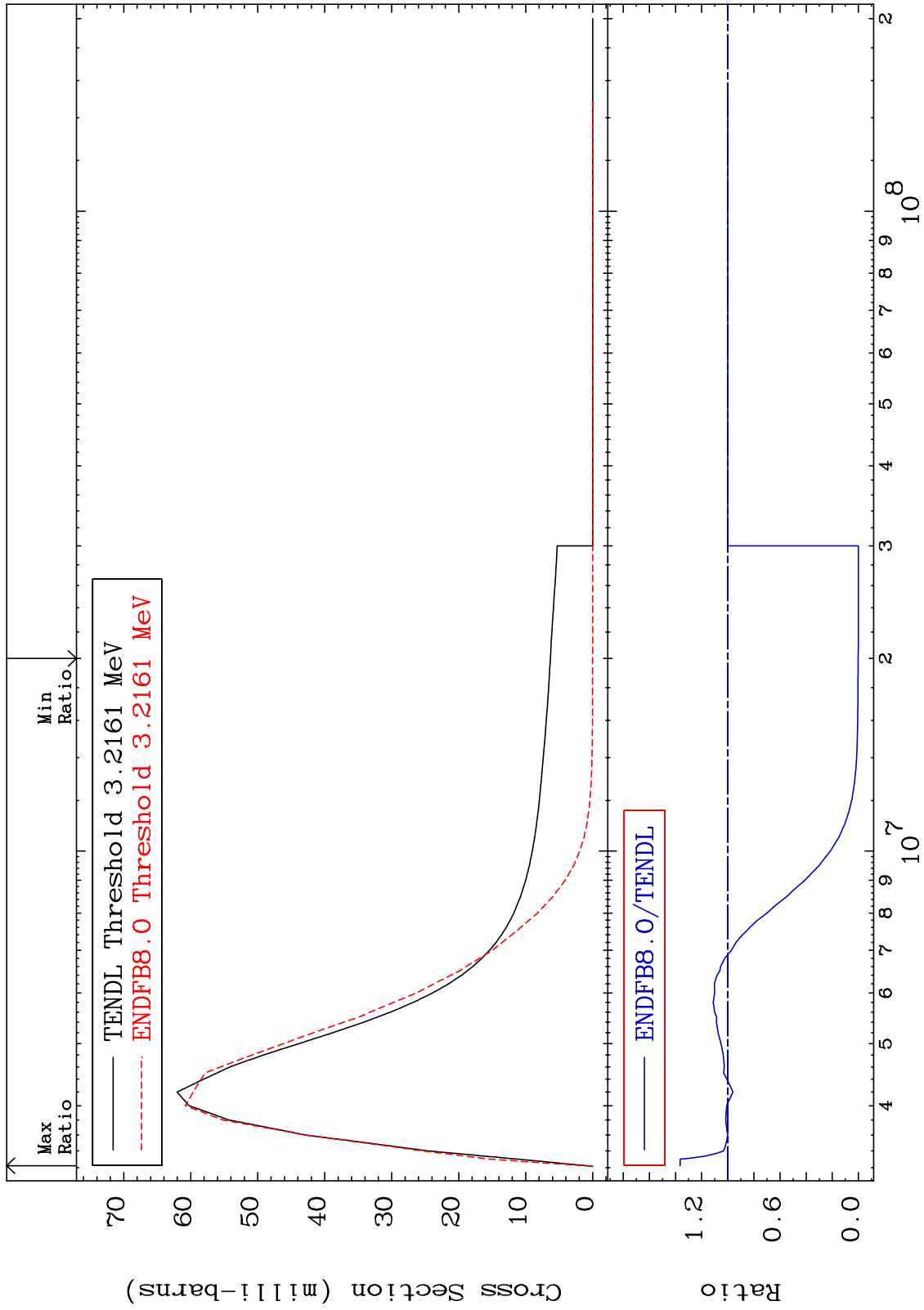


MAT 2843 MT= 57 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 9999. %

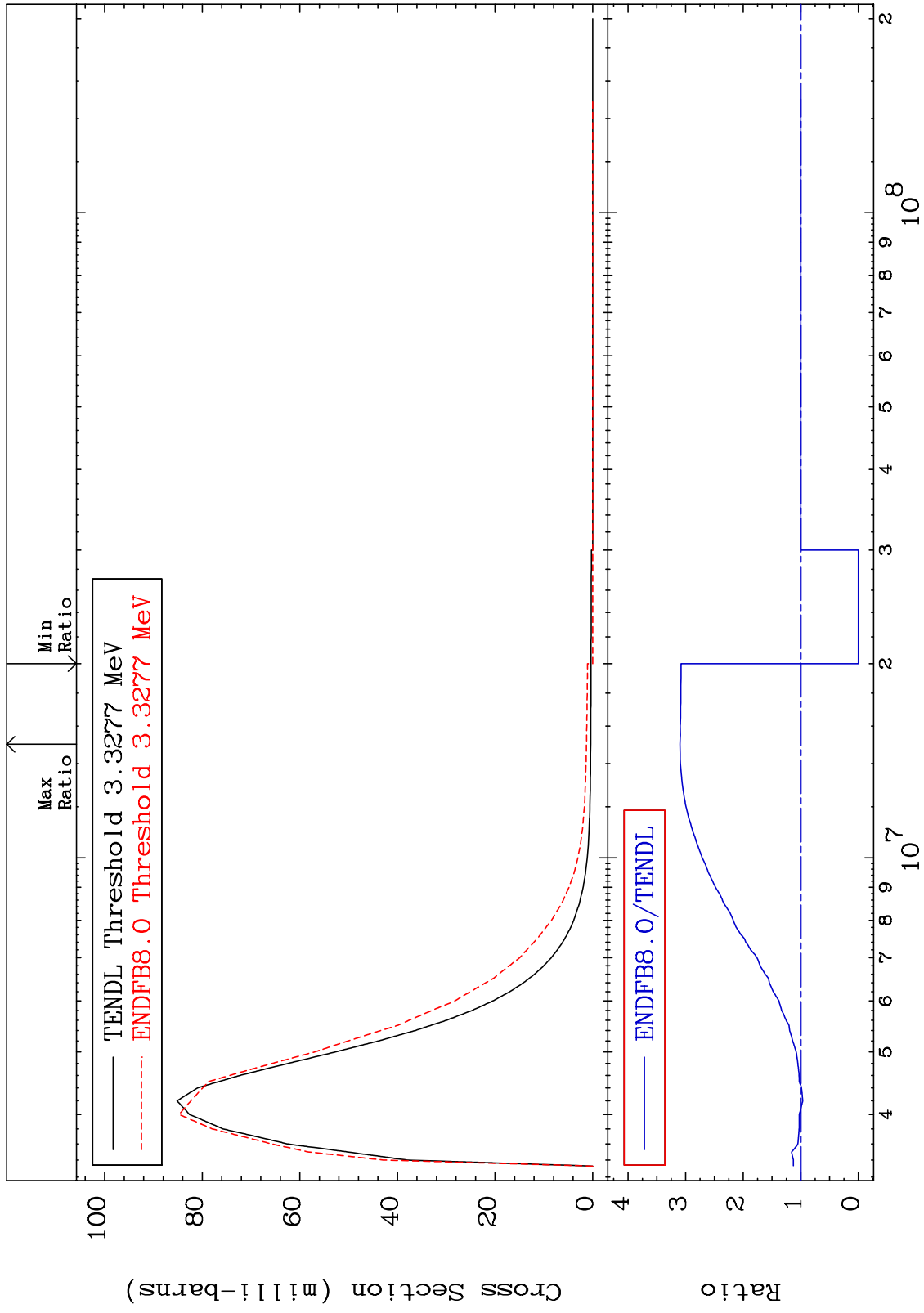


15 Incident Energy (eV) 28-Ni-64

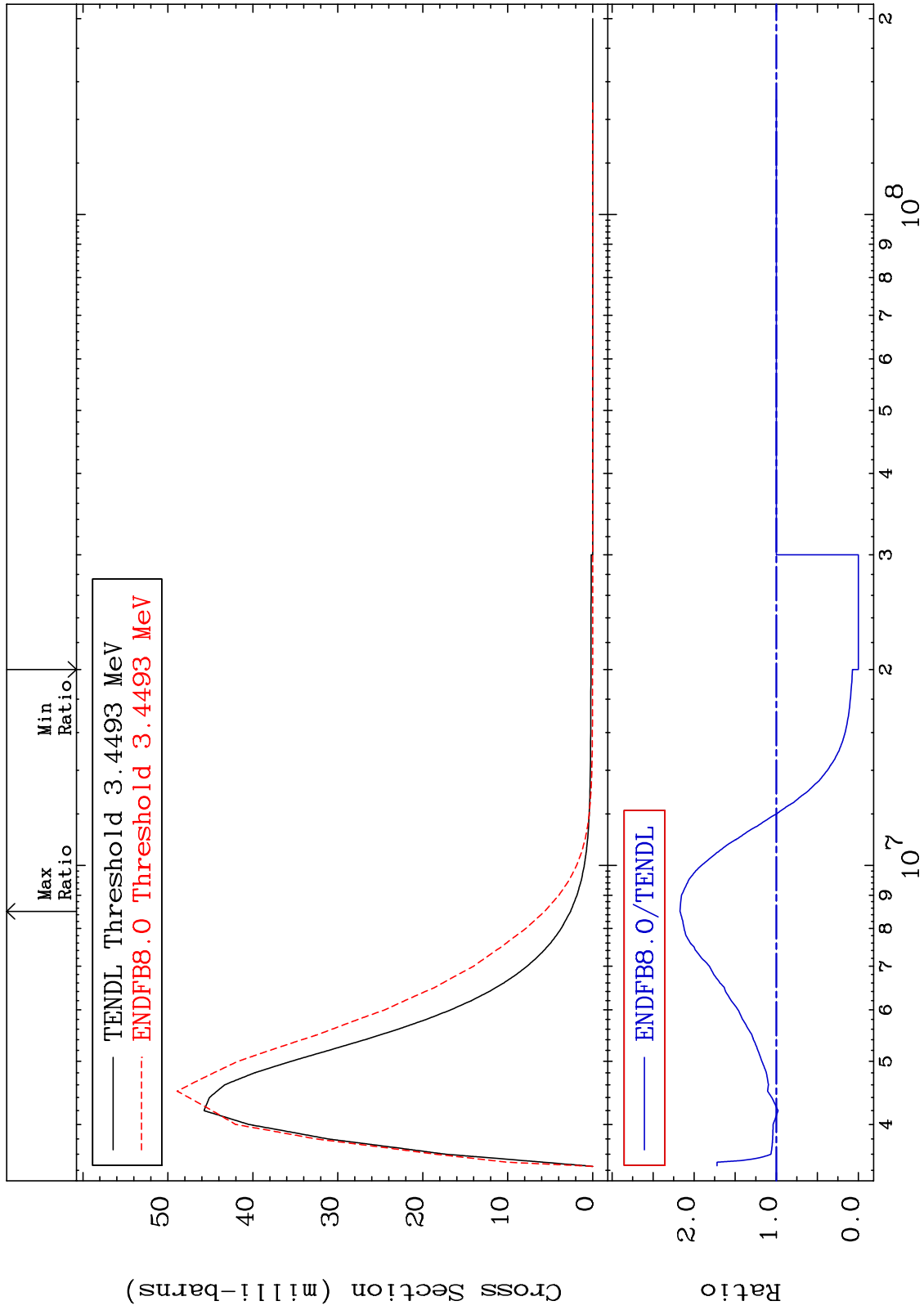
MAT 2843 MT= 58 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 36.54 %



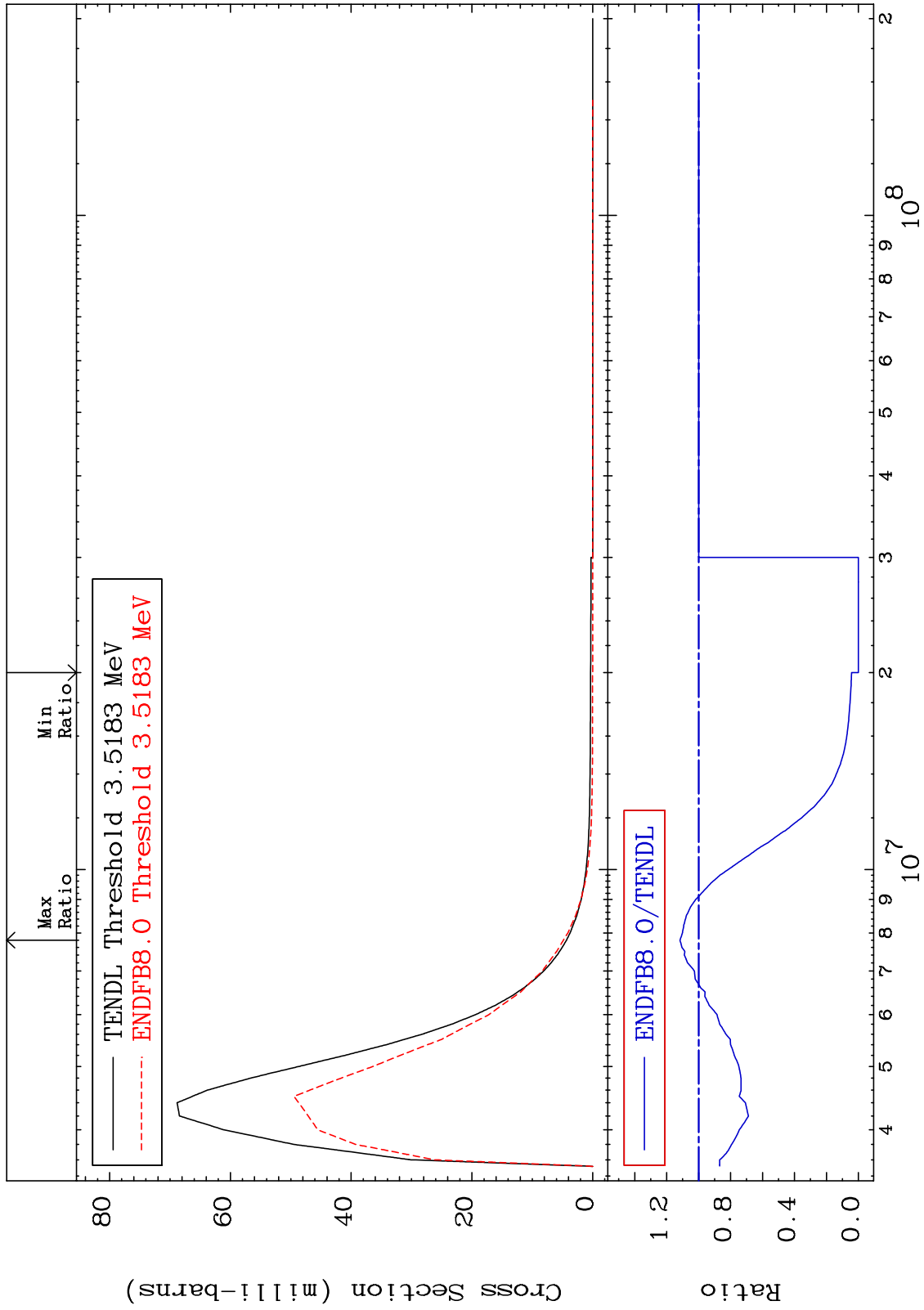
MAT 2843 MT= 59 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 209.8 %



MAT 2843 MT= 60 (n,n') Level Cross Section -100.0 To 117.2 % 28-Ni-64



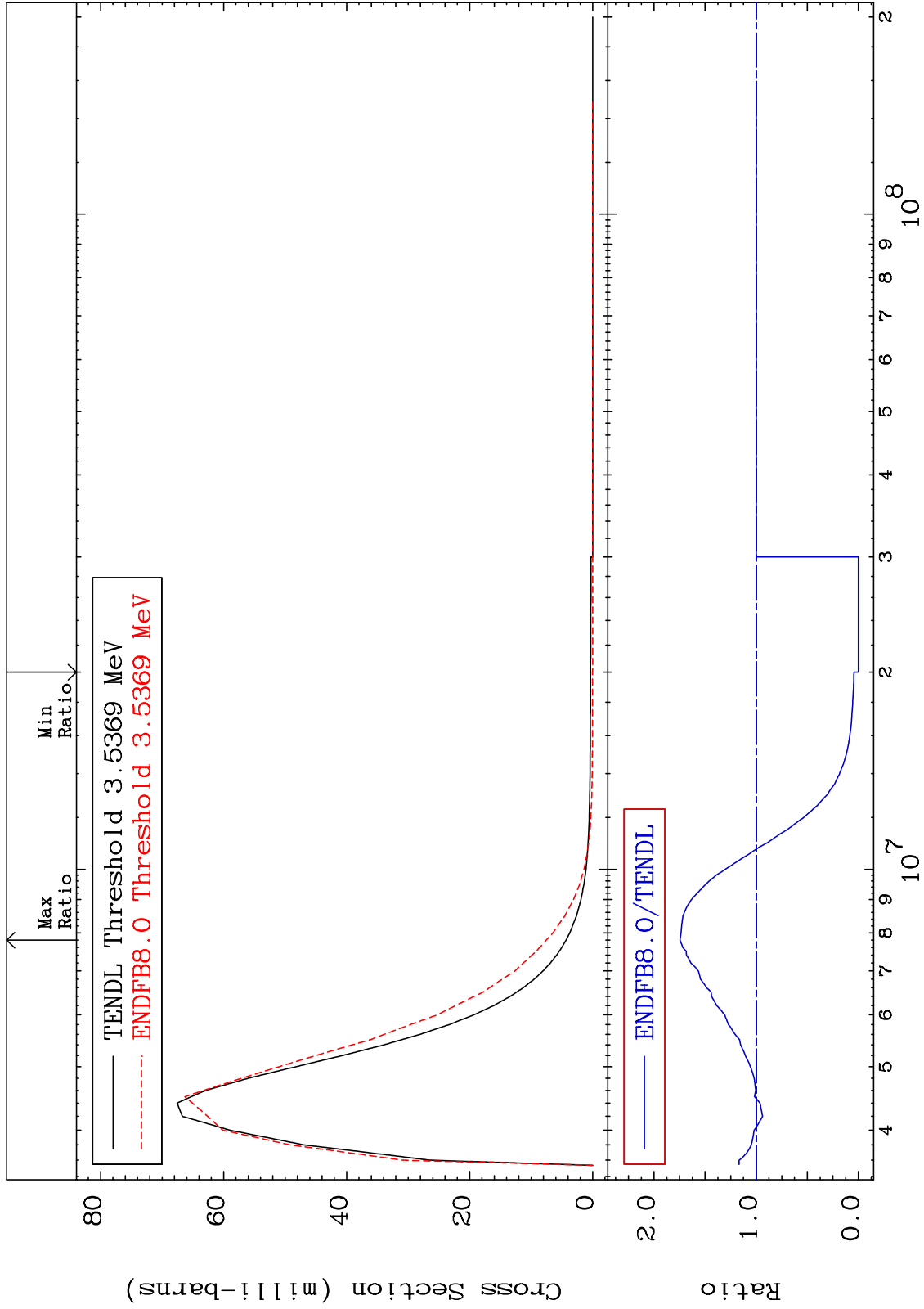
MAT 2843 MT= 61 (n,n') Level Cross Section -100.0 To 11.66 % 28-Ni-64



MAT 2843

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

28-Ni-64
-100.0 To 74.56 %

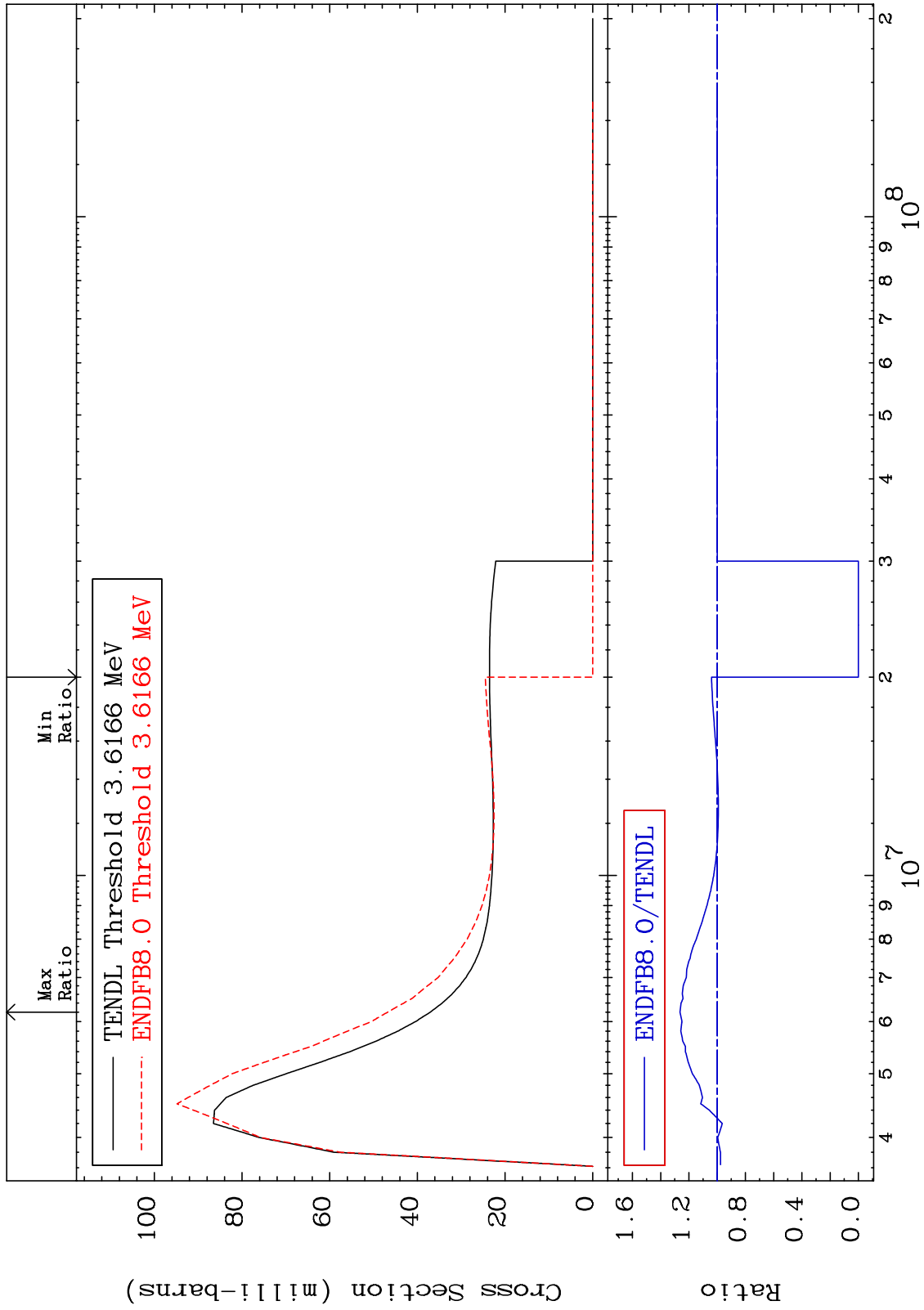


20

Incident Energy (eV)

28-Ni-64

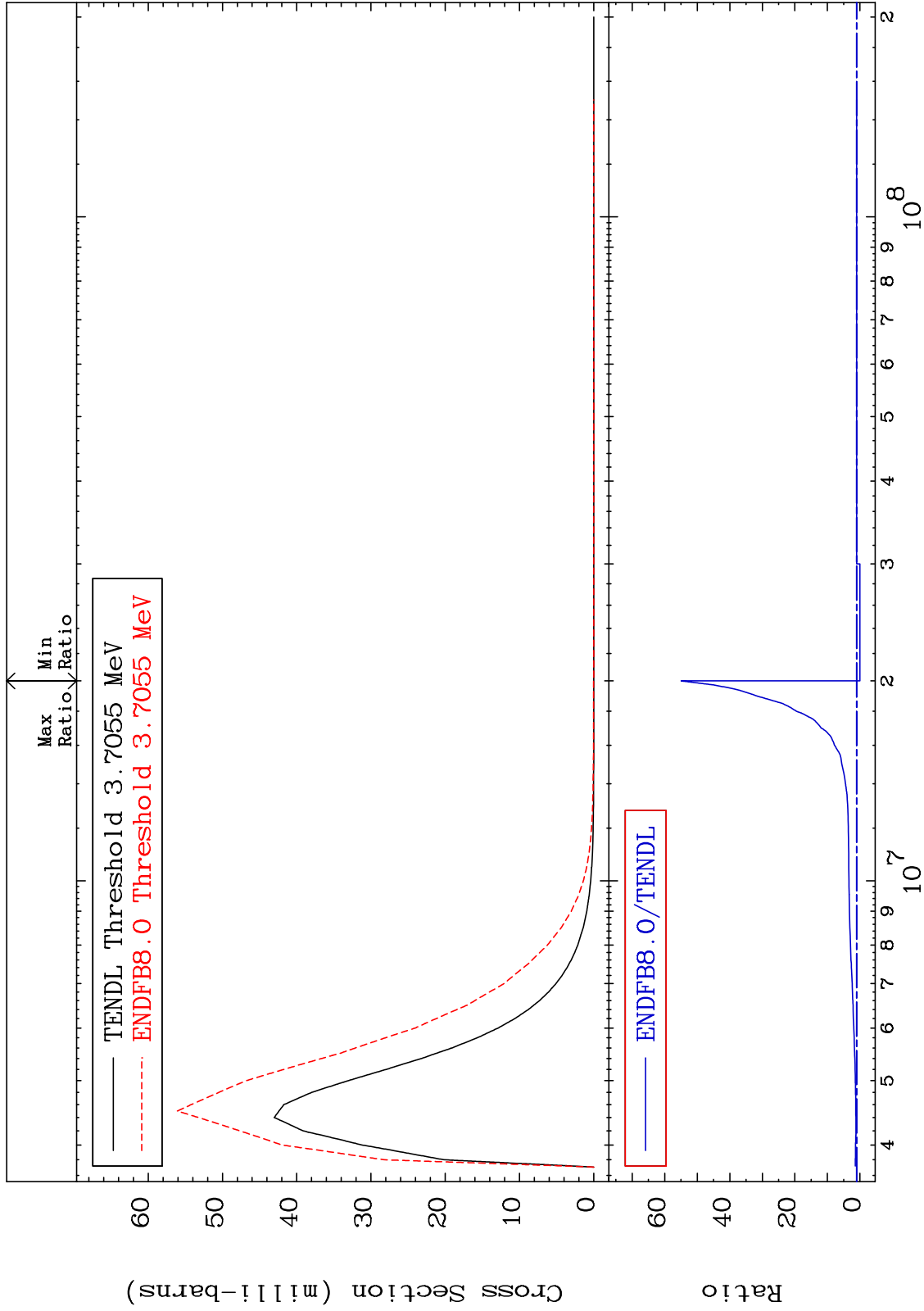
MAT 2843 MT= 63 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 26.31 %



MAT 2843

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

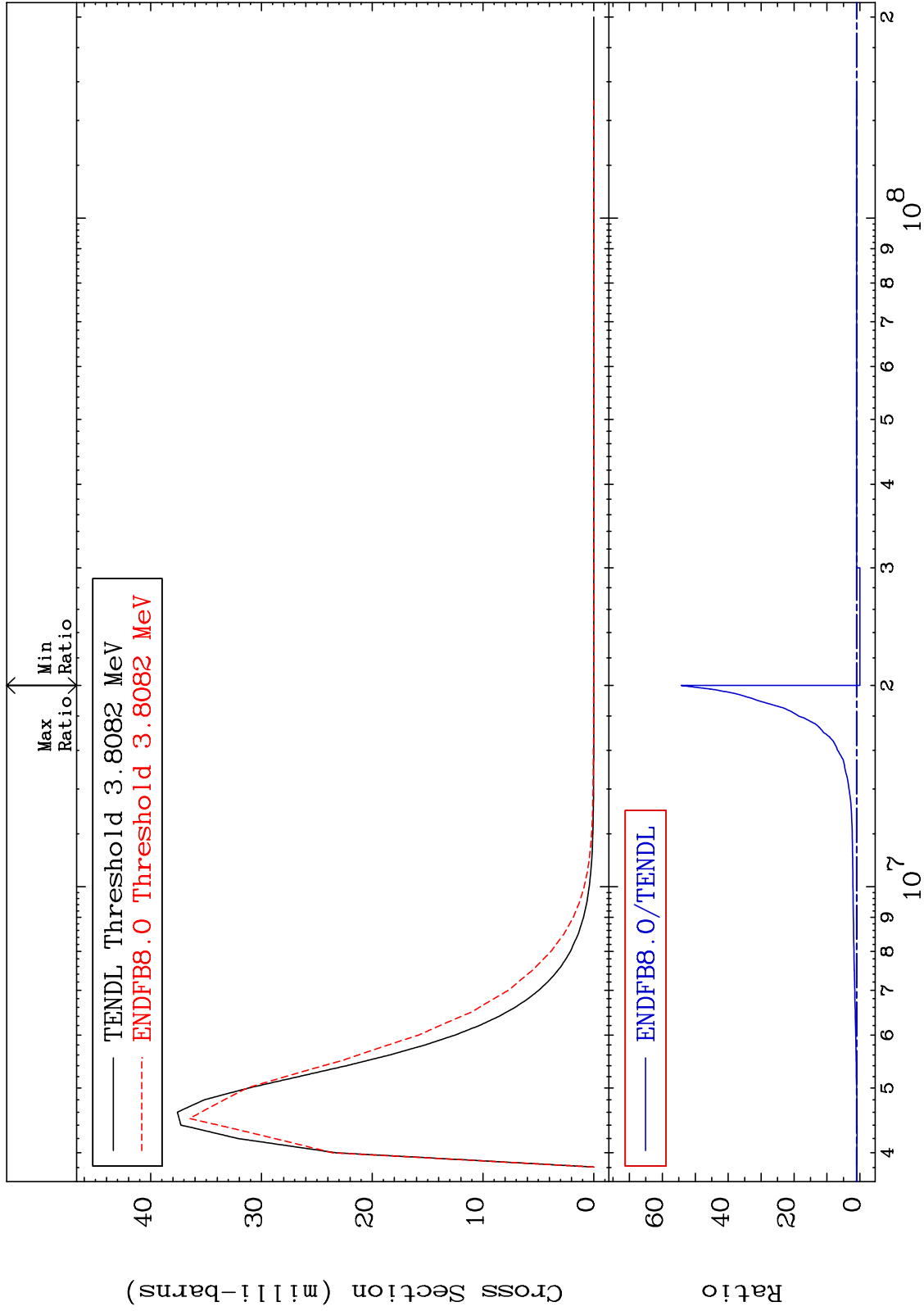
28-Ni-64
-100.0 To 5393. %



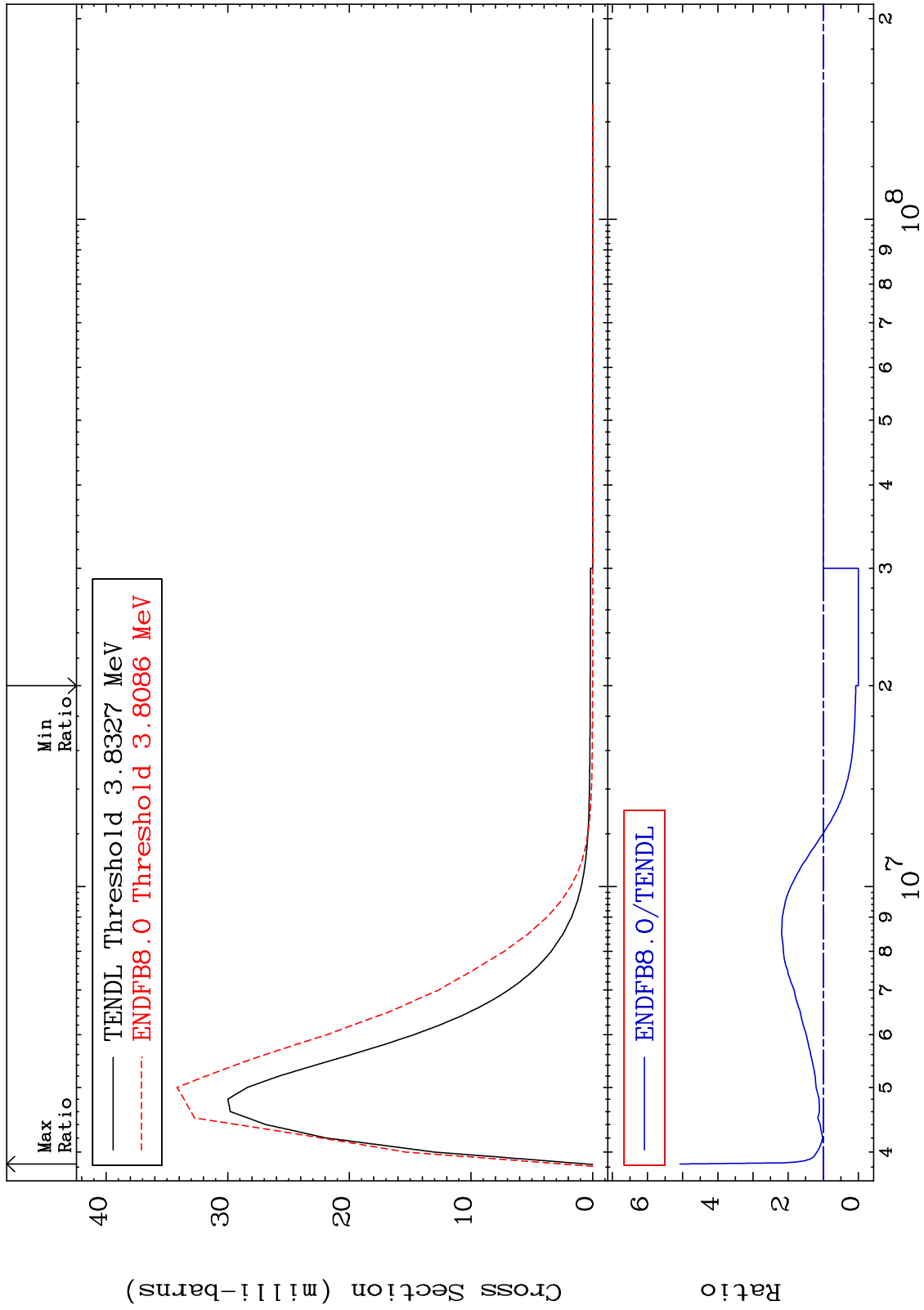
MAT 2843

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

28-Ni-64
-100.0 To 5326. %



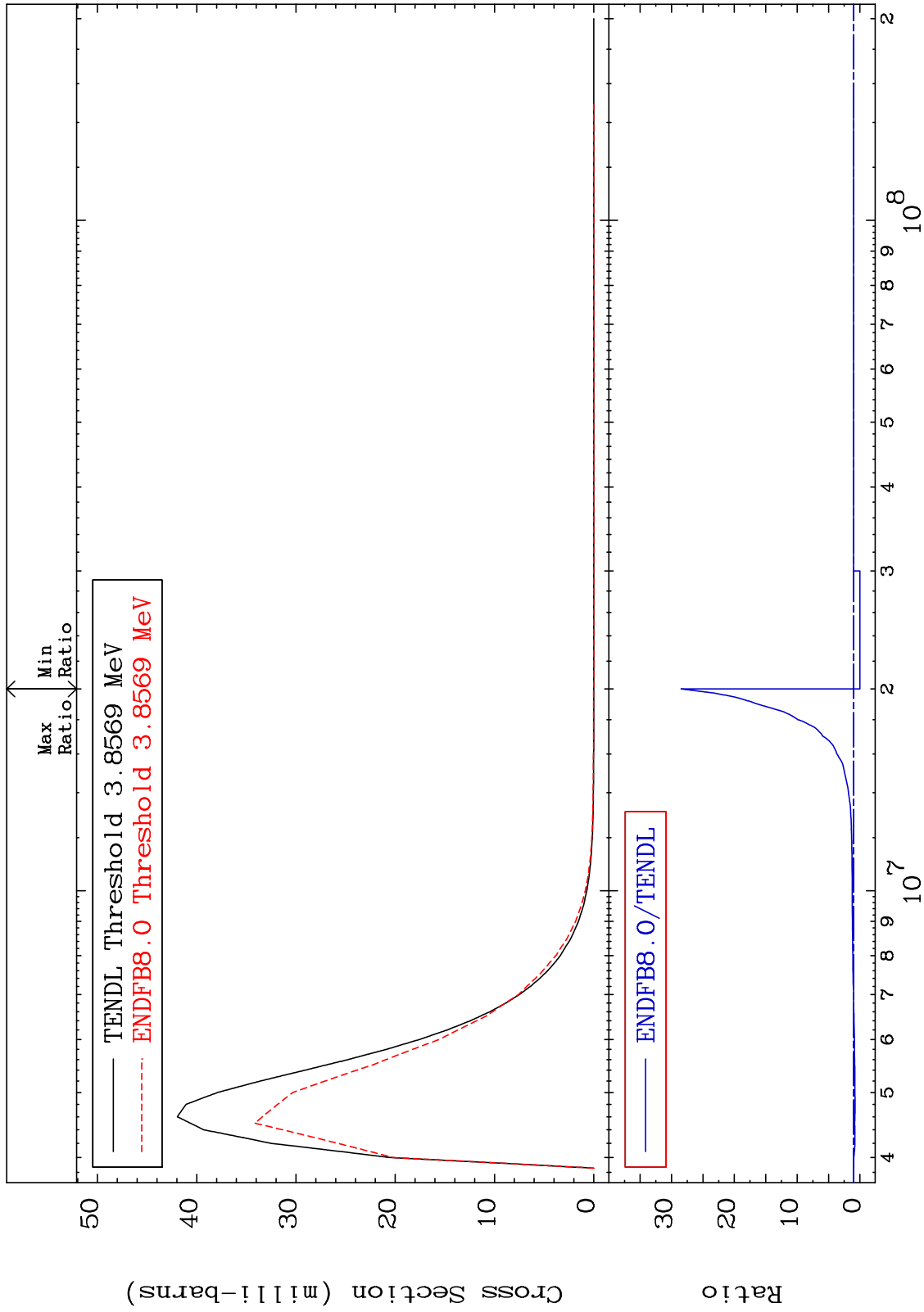
MAT 2843 MT= 66 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 407.5 %



MAT 2843

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

28-Ni-64
-100.0 To 2746. %

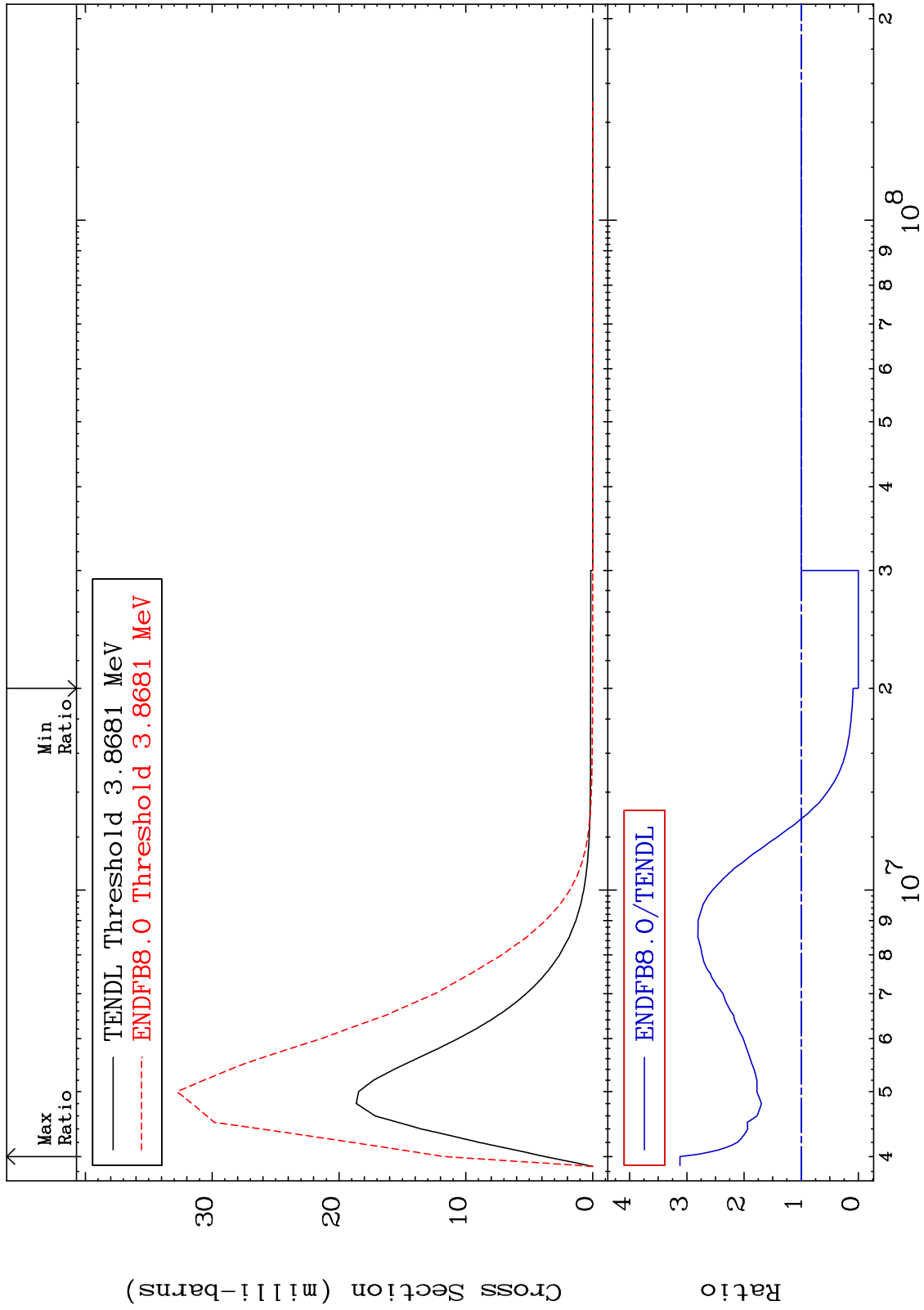


25

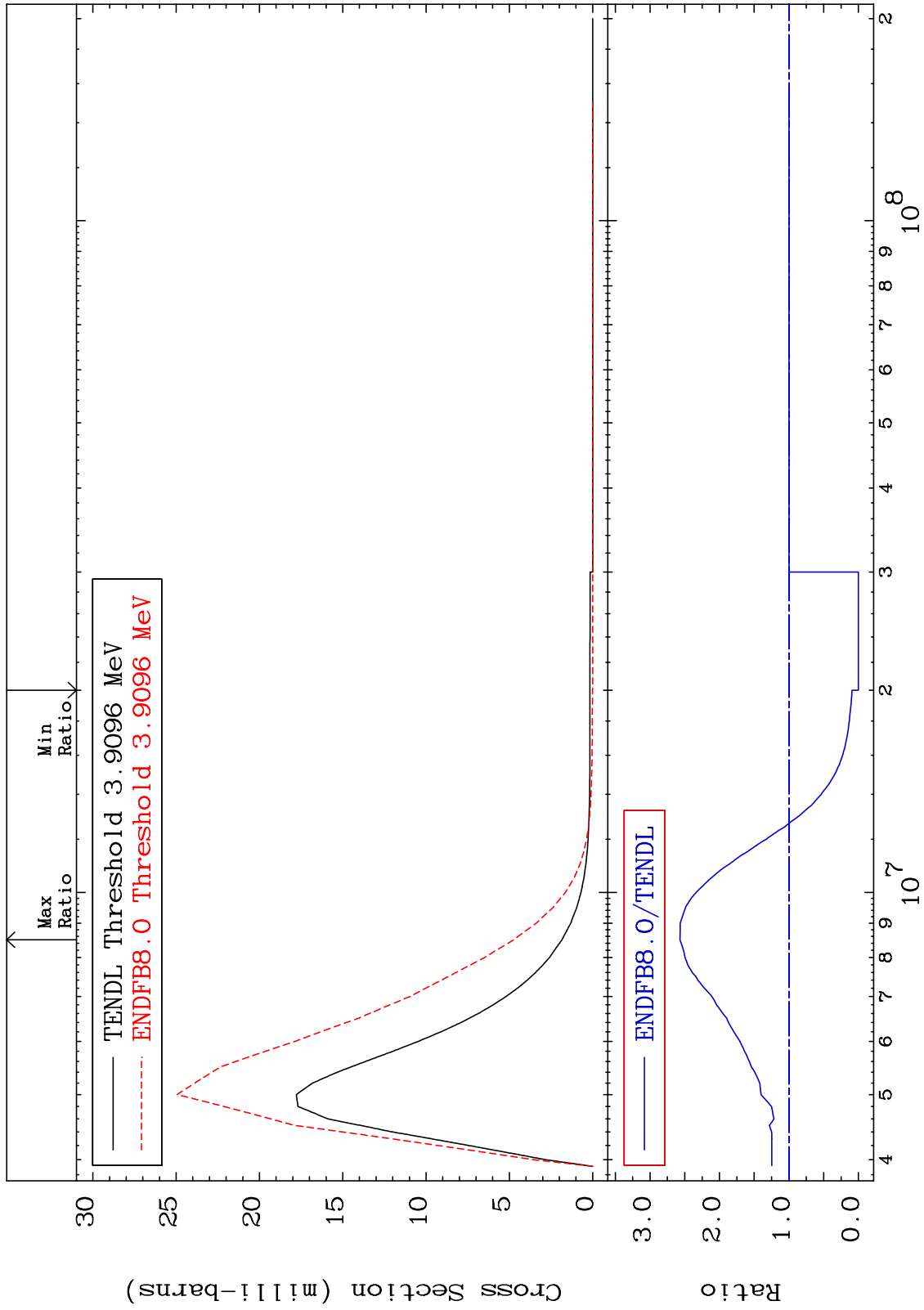
Incident Energy (eV)

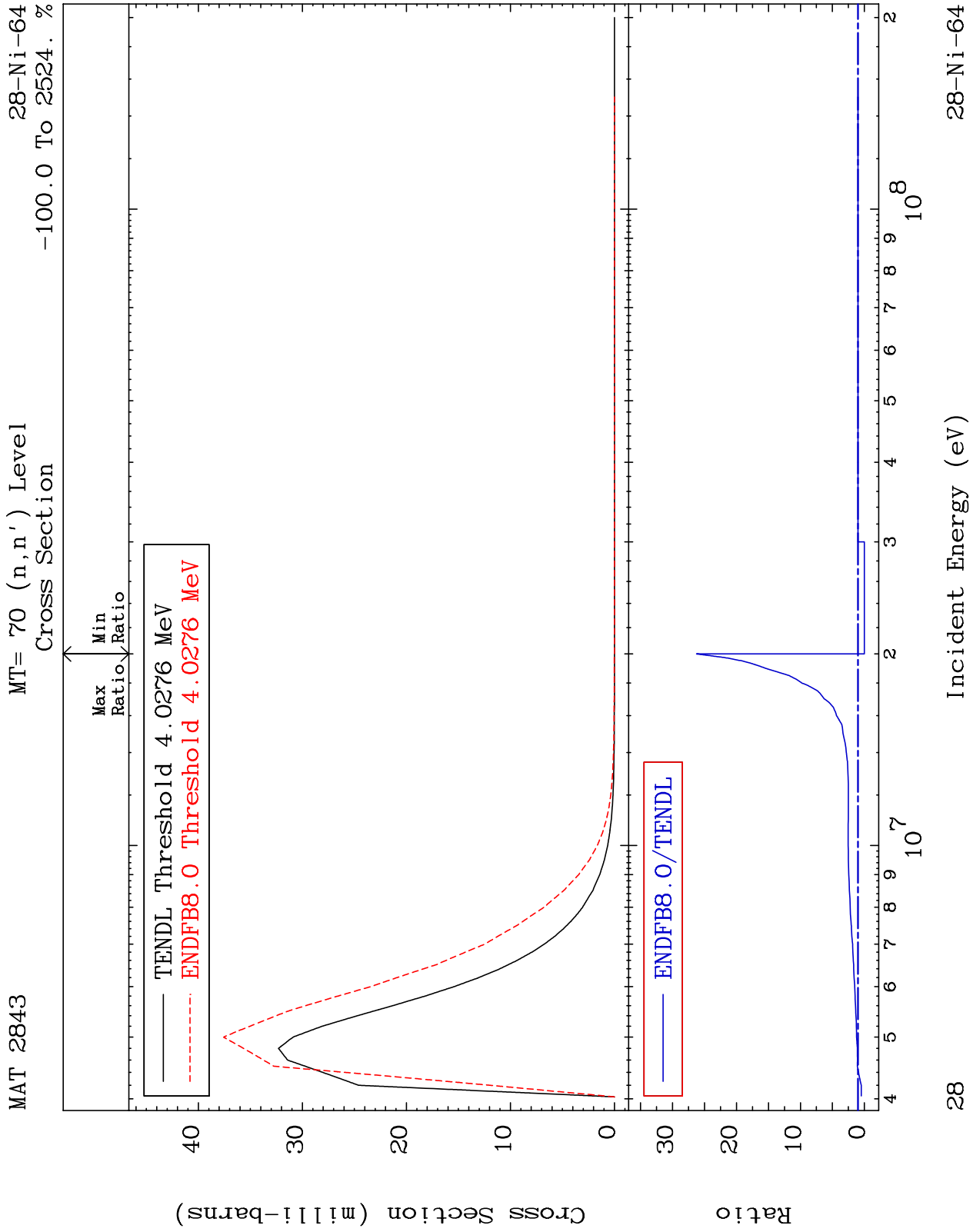
28-Ni-64

MAT 2843 MT= 68 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 211.9 %

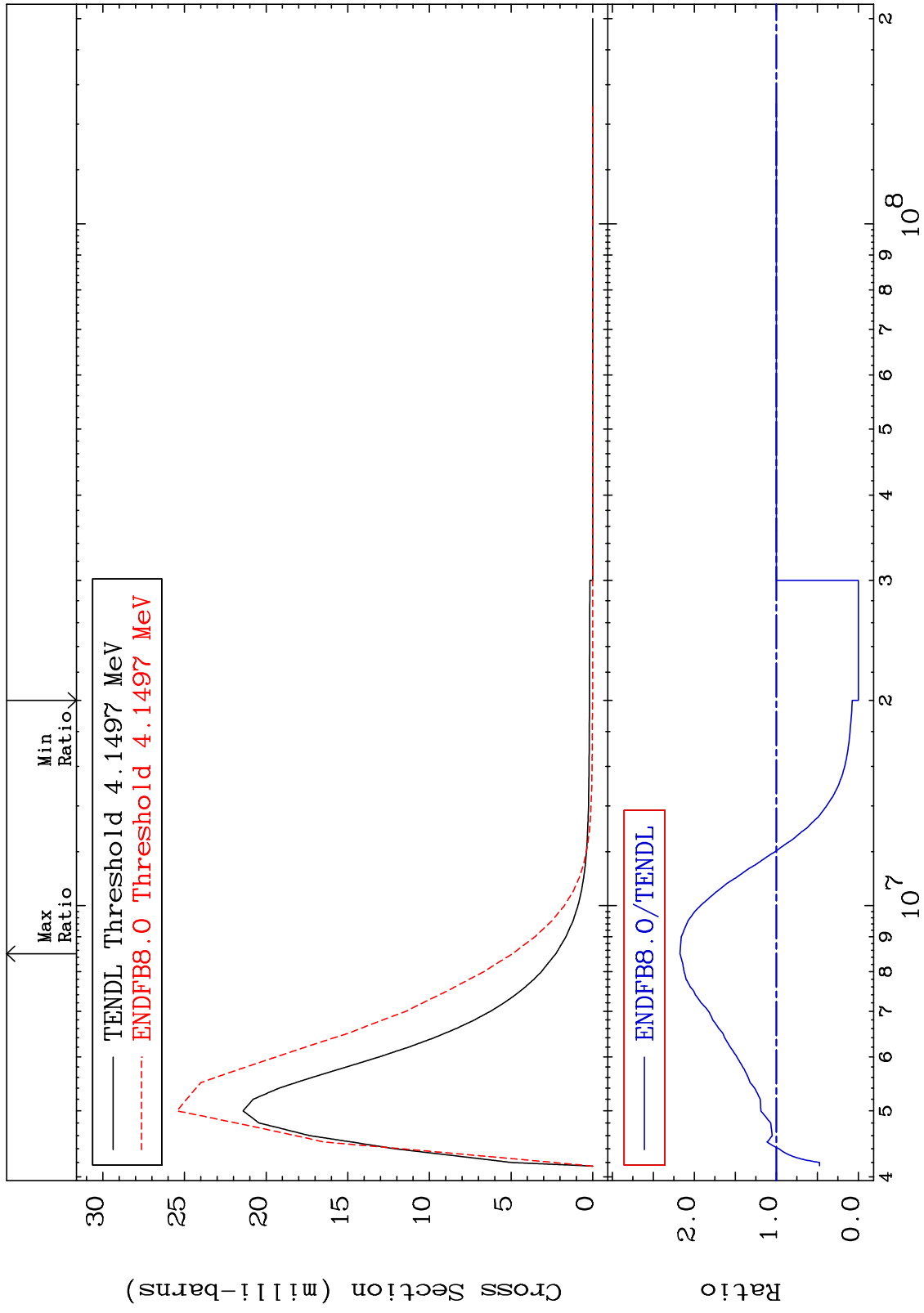


MAT 2843 MT= 69 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 156.8 %

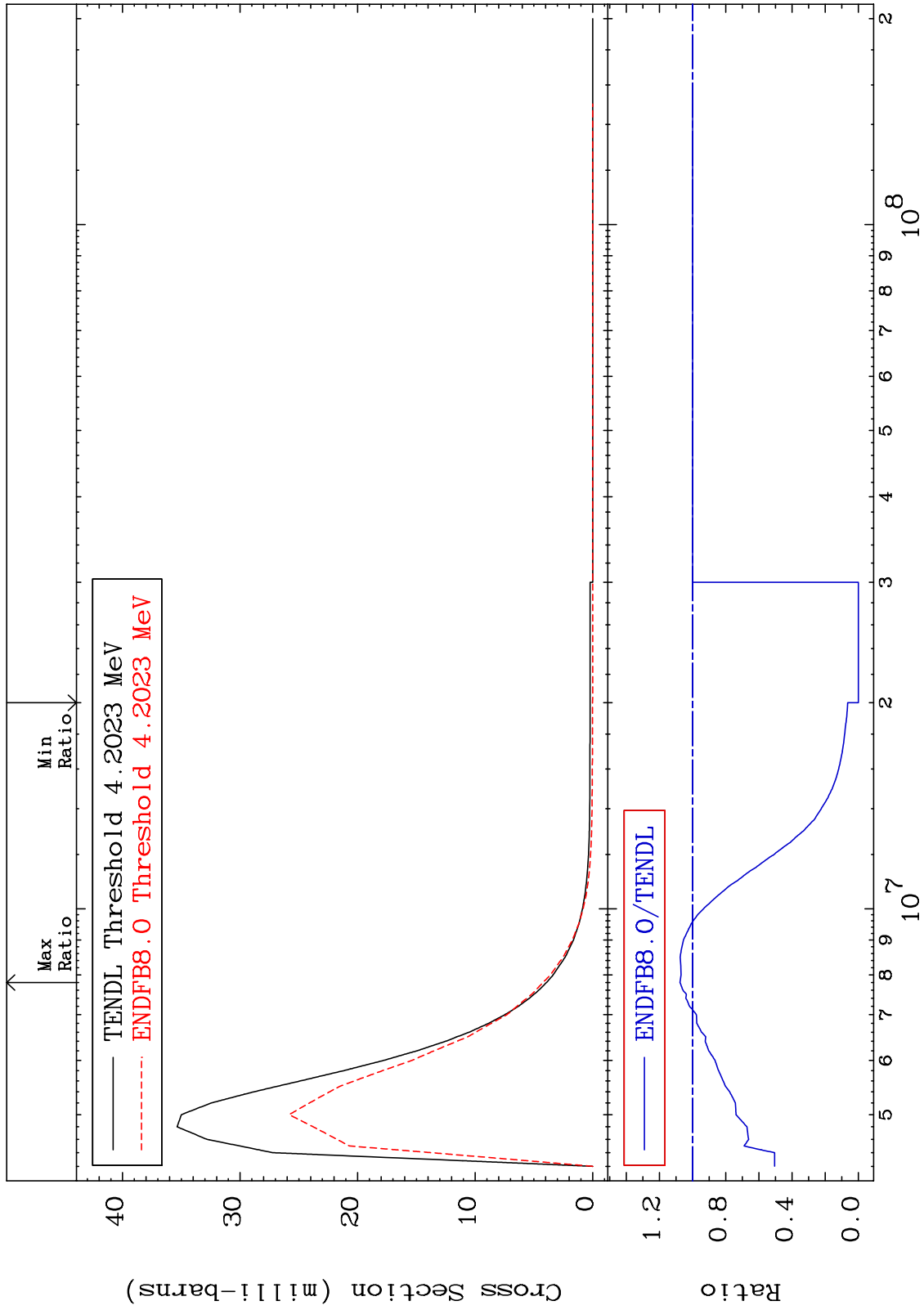




MAT 2843 MT= 71 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 117.4 %

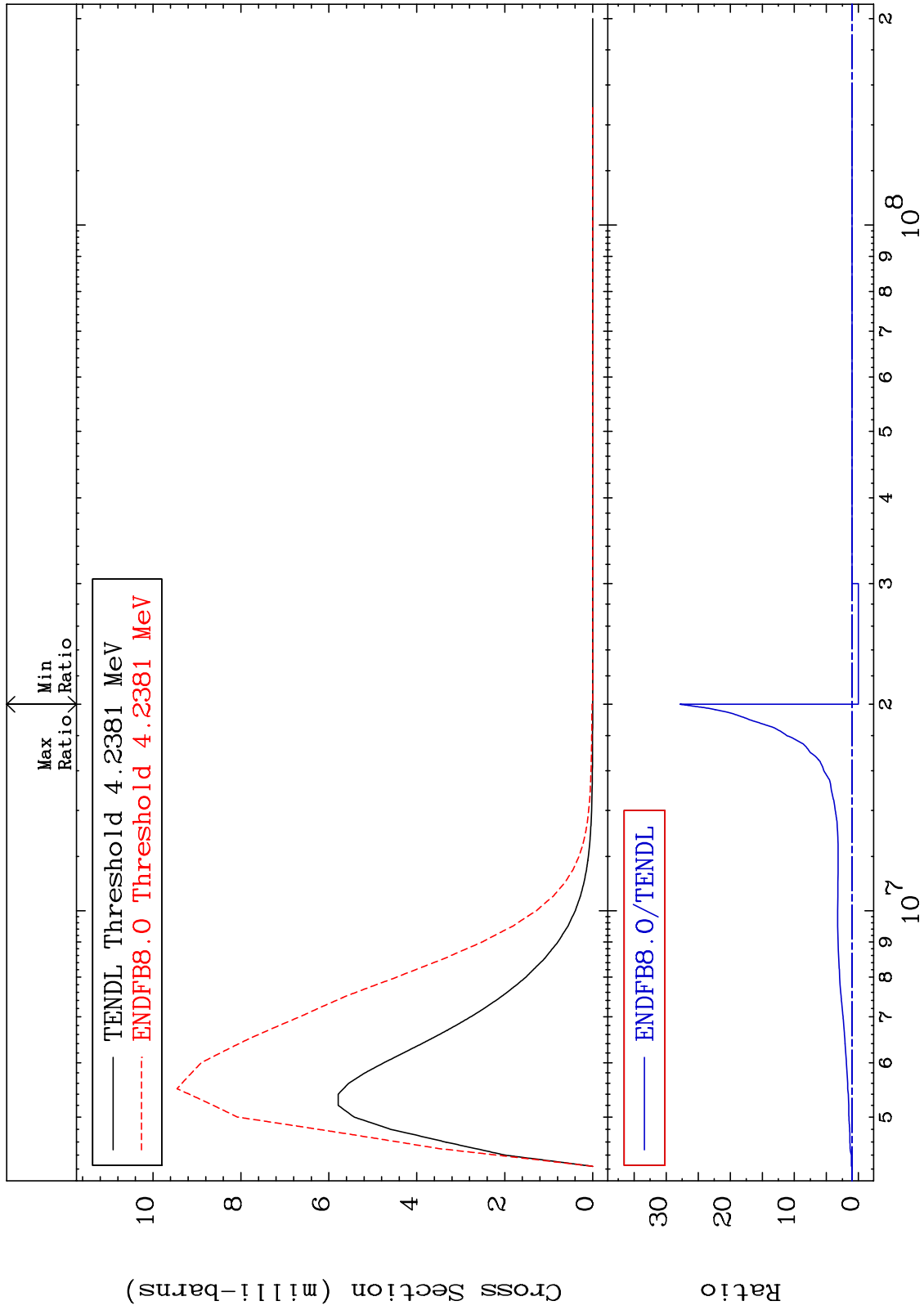


MAT 2843 MT= 72 (n,n') Level Cross Section -100.0 To 7.588 % 28-Ni-64



30 Incident Energy (eV) 28-Ni-64

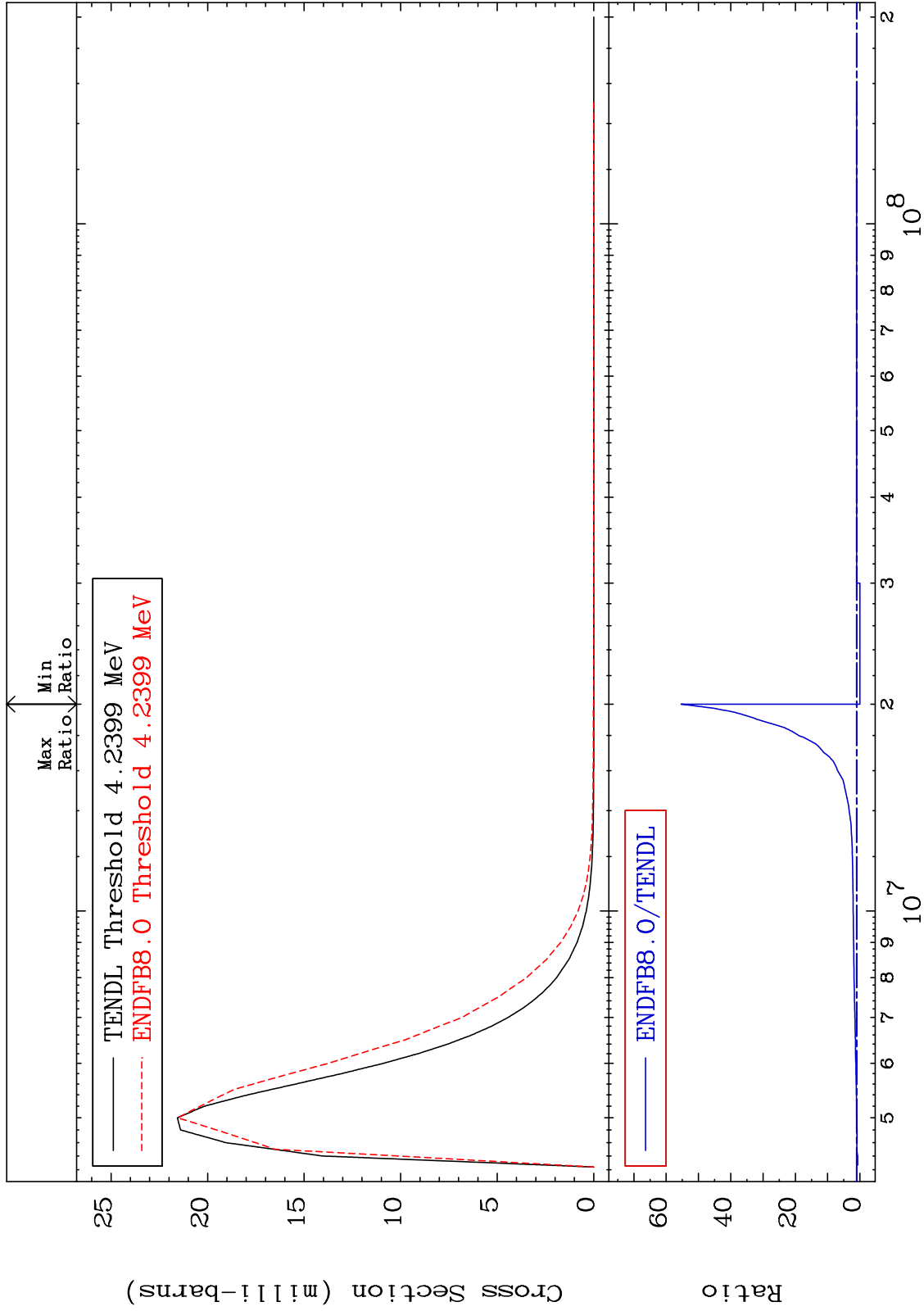
MAT 2843 MT= 73 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 2684. %



MAT 2843

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

28-Ni-64
-100.0 To 5434. %



32

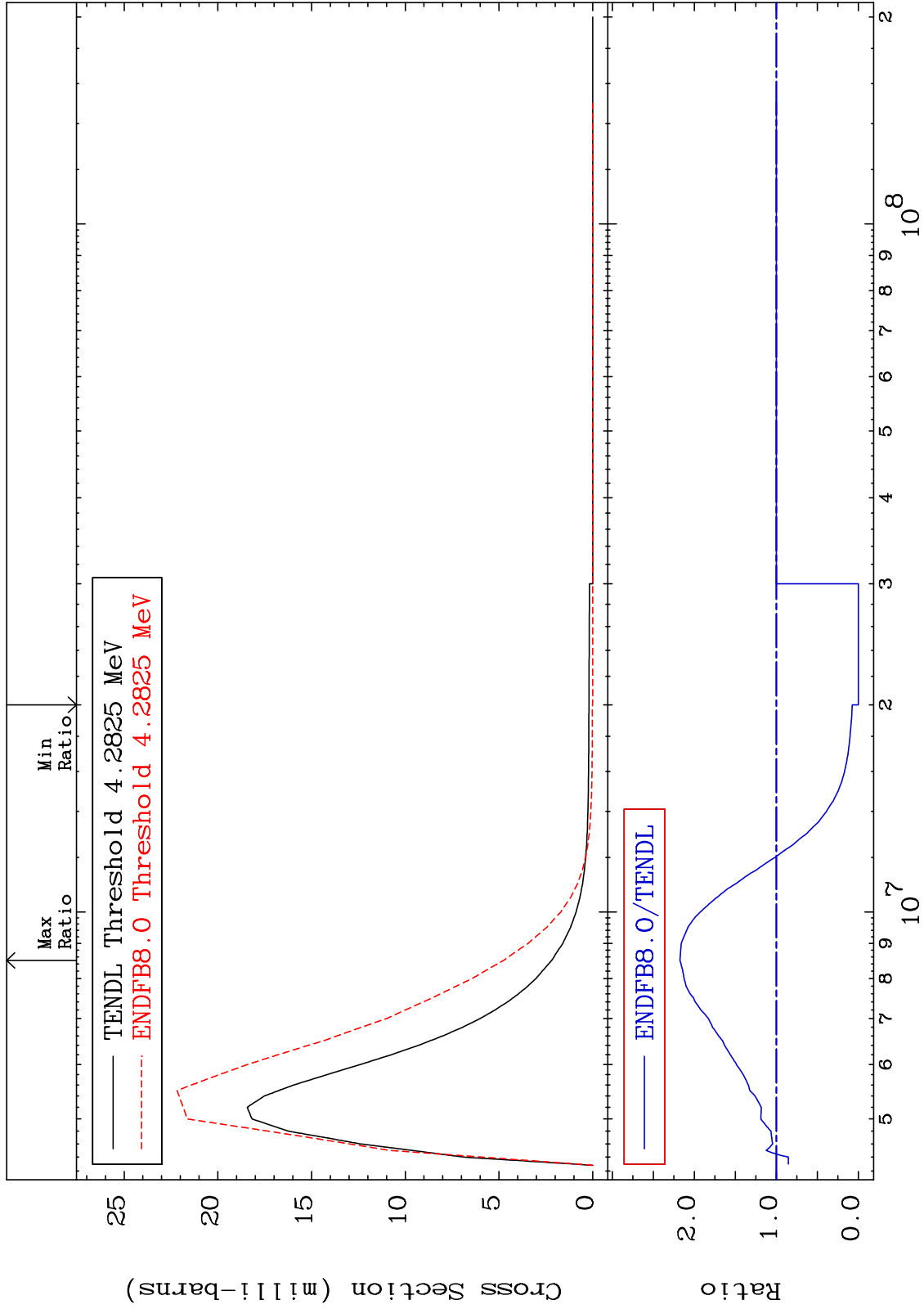
28-Ni-64

28-Ni-64

MAT 2843

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

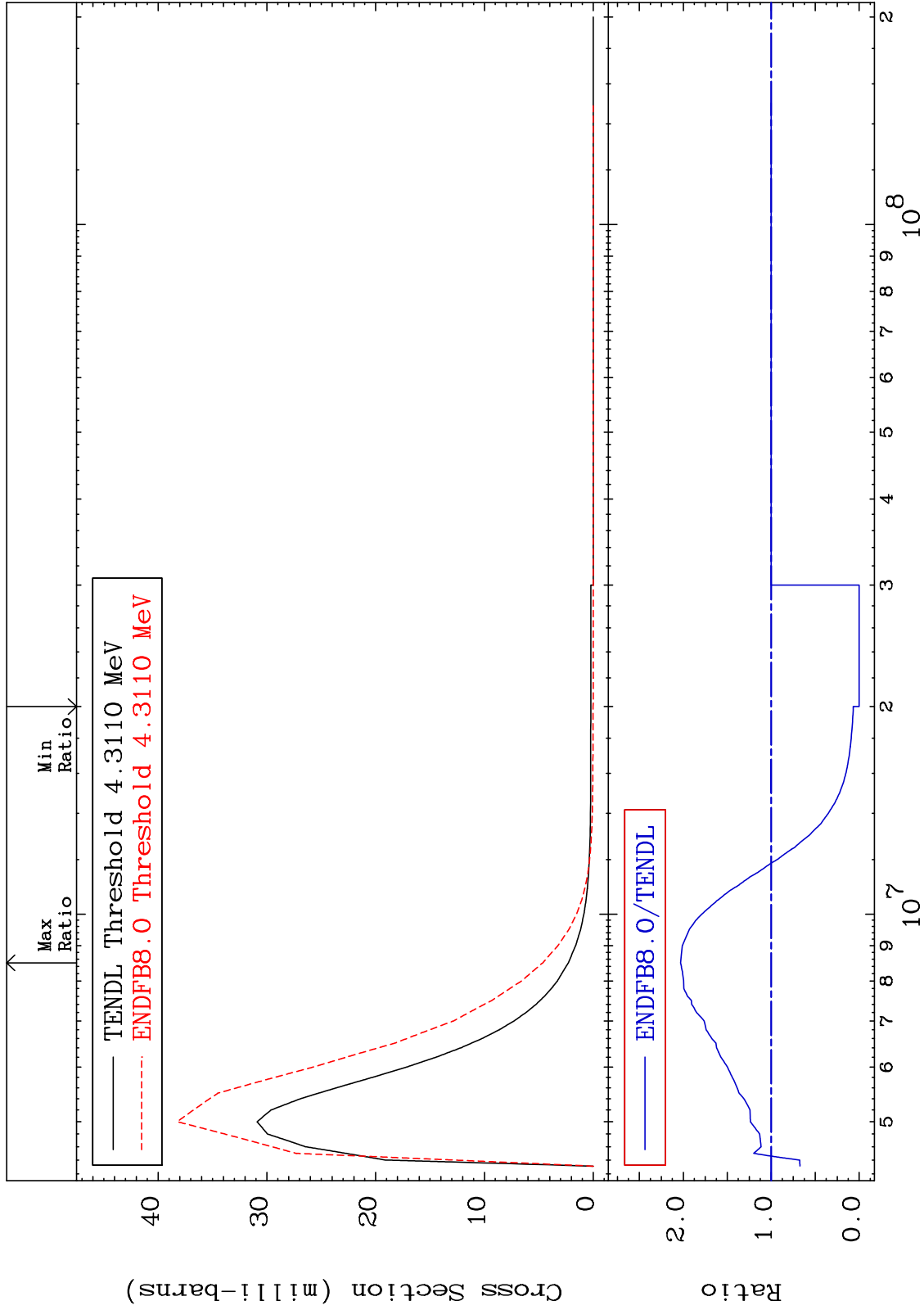
28-Ni-64
-100.0 To 117.5 %



MAT 2843

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

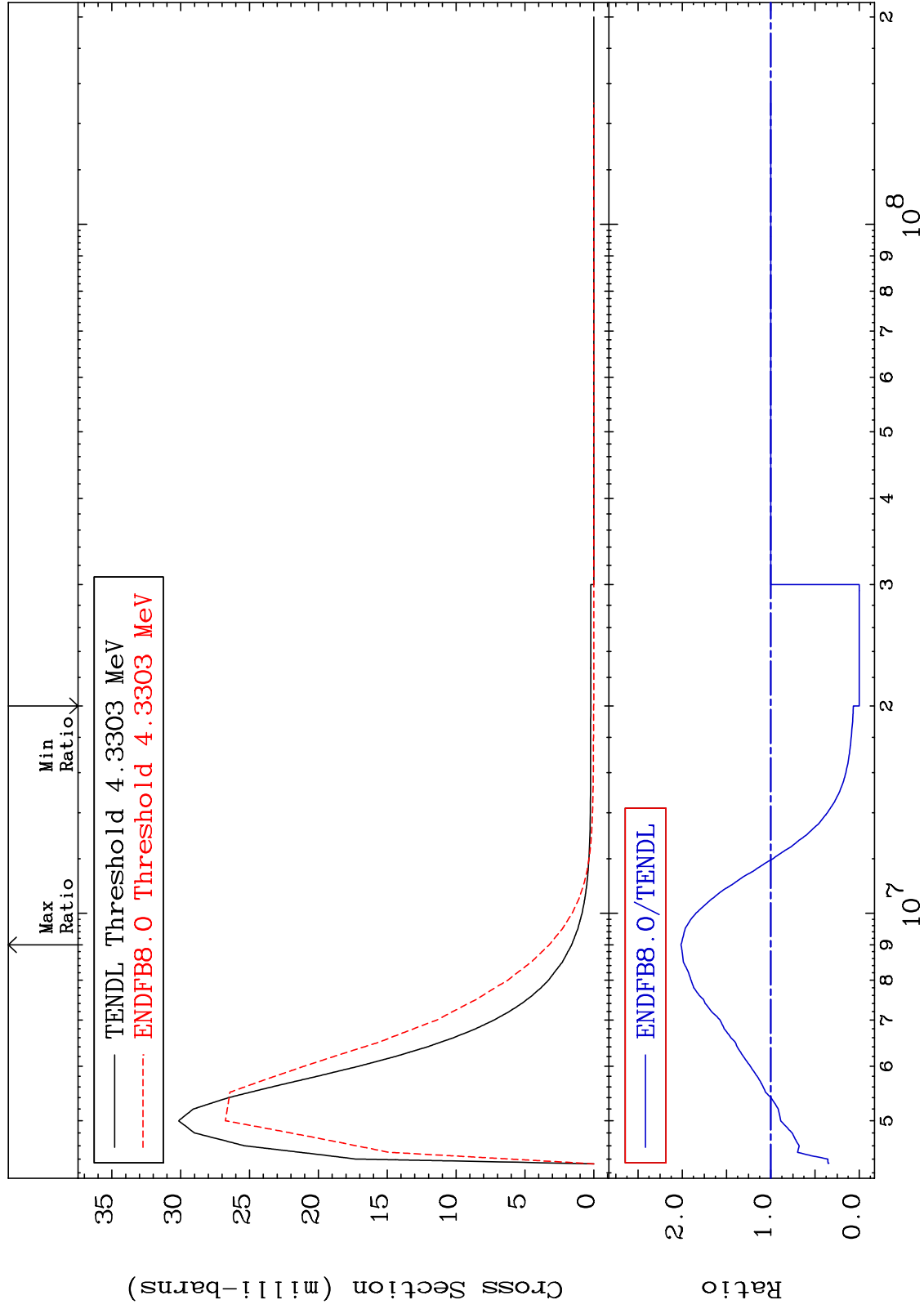
28-Ni-64
-100.0 To 103.1 %



MAT 2843

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

28-Ni-64
-100.0 To 101.3 %

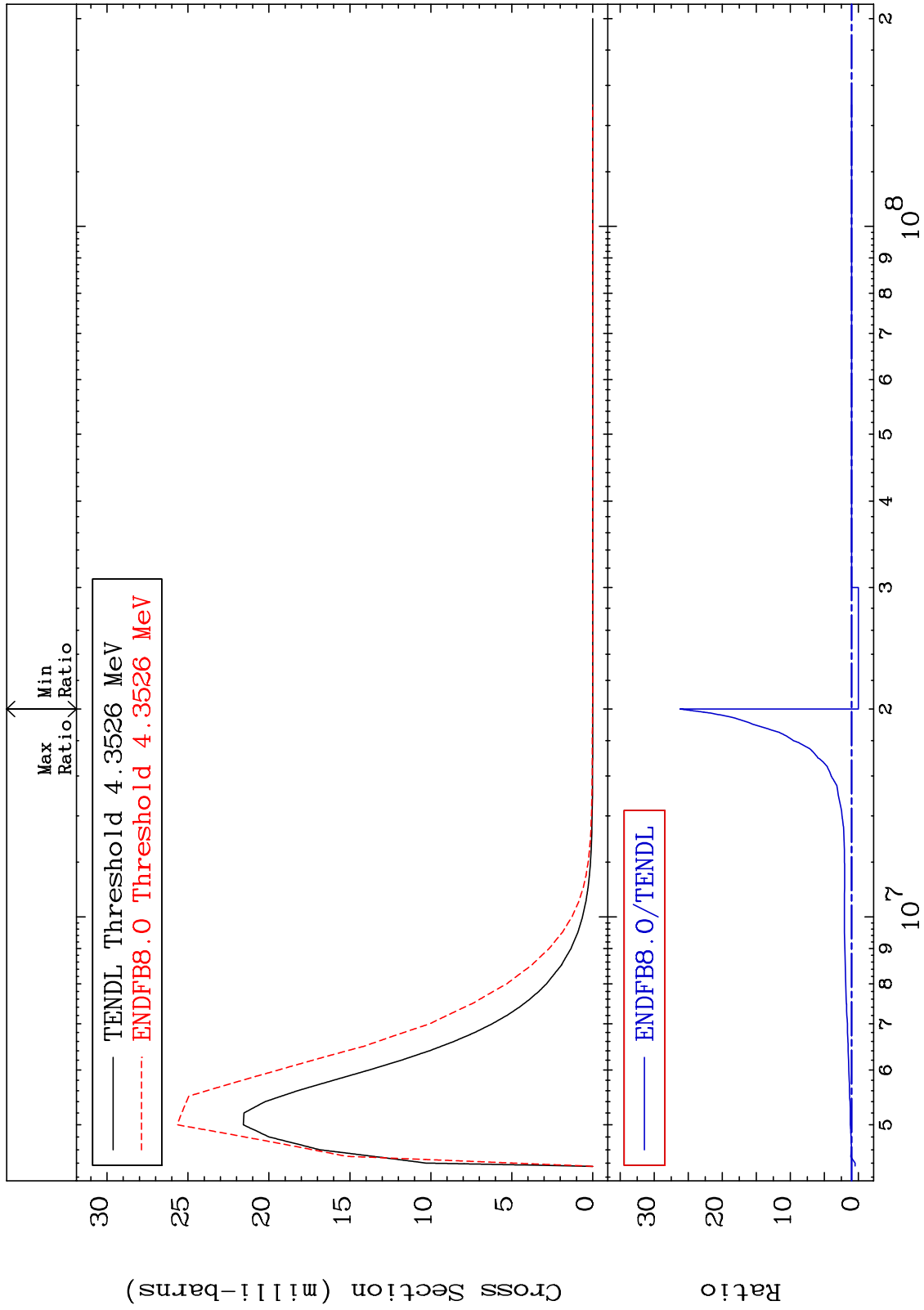


35

Incident Energy (eV)

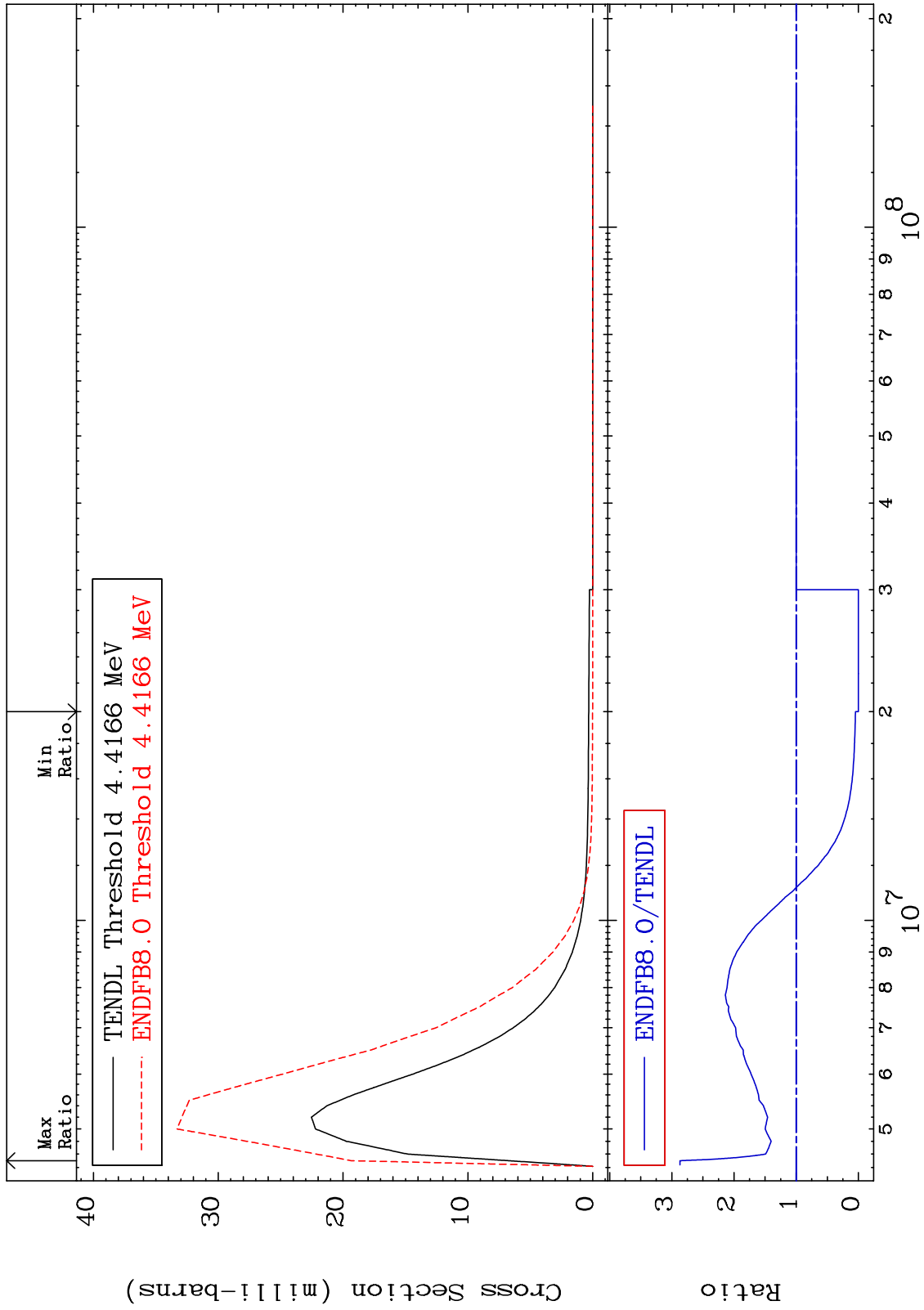
28-Ni-64

MAT 2843 MT= 78 (n,n') Level Cross Section -100.0 To 2522. % 28-Ni-64



36 Incident Energy (eV) 28-Ni-64

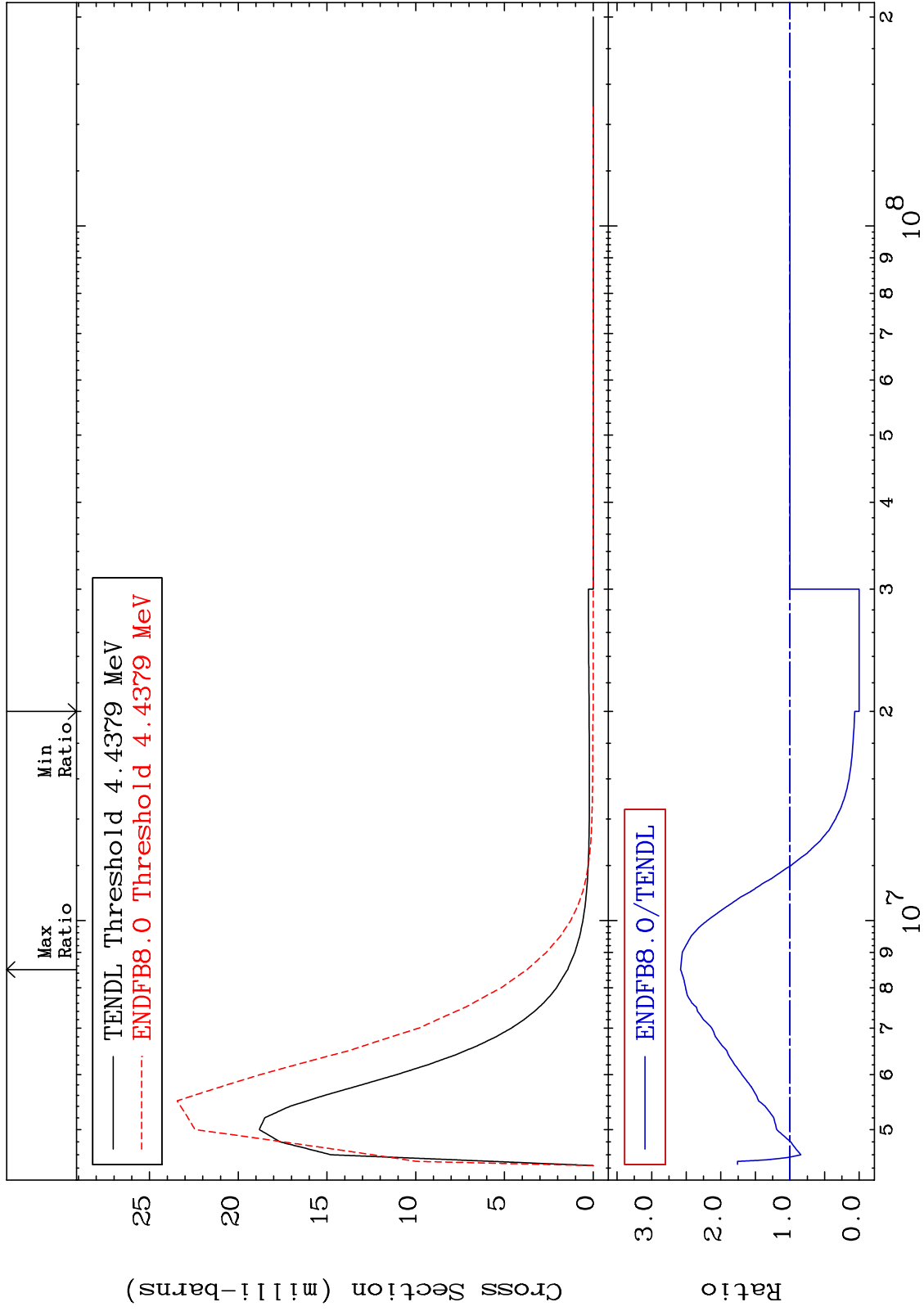
MAT 2843 MT= 79 (n,n') Level 28-Ni-64
 Cross Section -100.0 To 186.8 %



MAT 2843

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

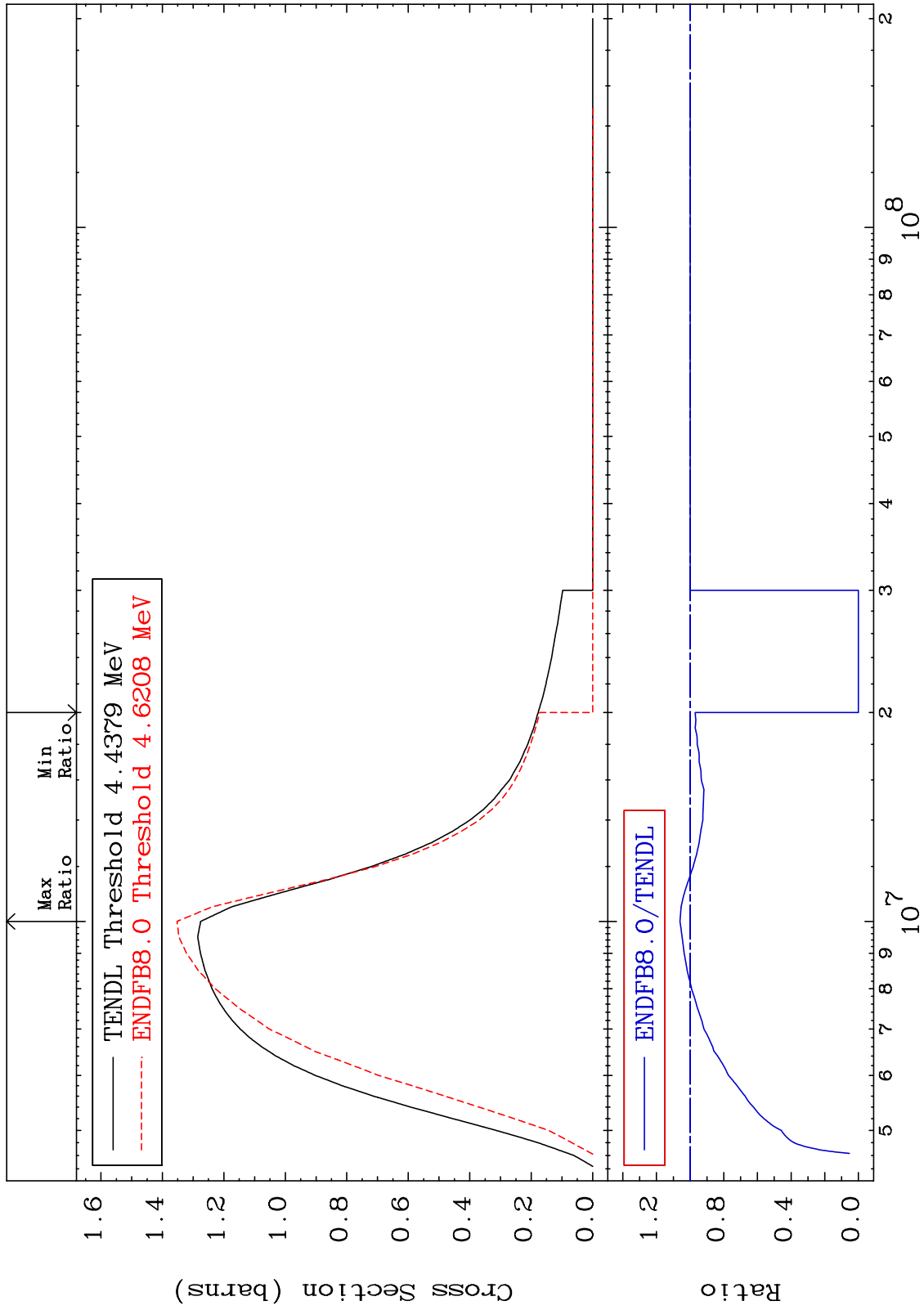
28-Ni-64
-100.0 To 158.1 %



MAT 2843

(n, n') Continuum
Cross Section

28-Ni-64
-100.0 To 6.016 %



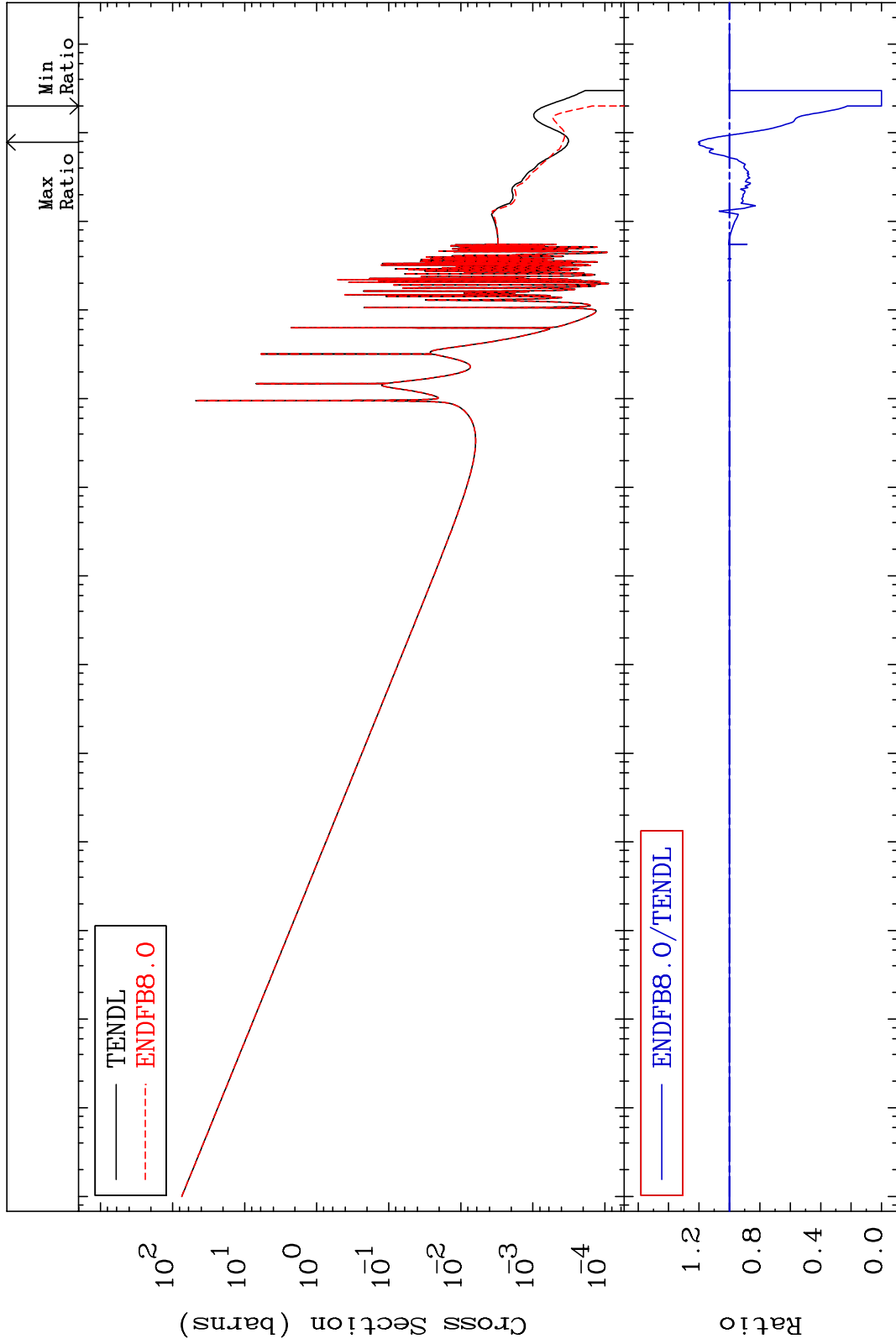
MAT 2843

(n, γ)

28-Ni-64

Cross Section

-100.0 To 20.44 %



Incident Energy (eV)

28-Ni-64

40

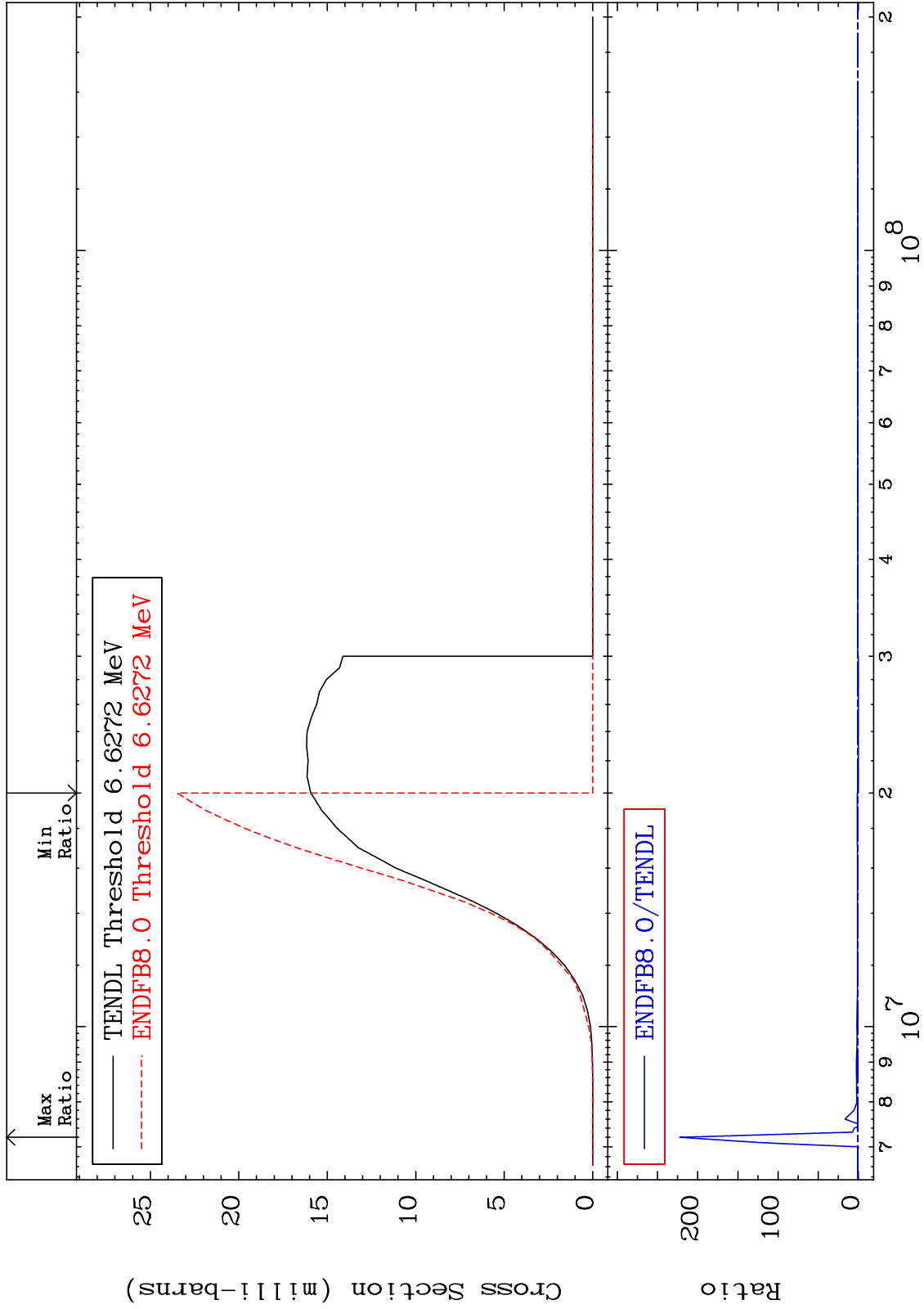
MAT 2843

(n,p)

²⁸Ni-64

Cross Section

-100.0 To 9999. %



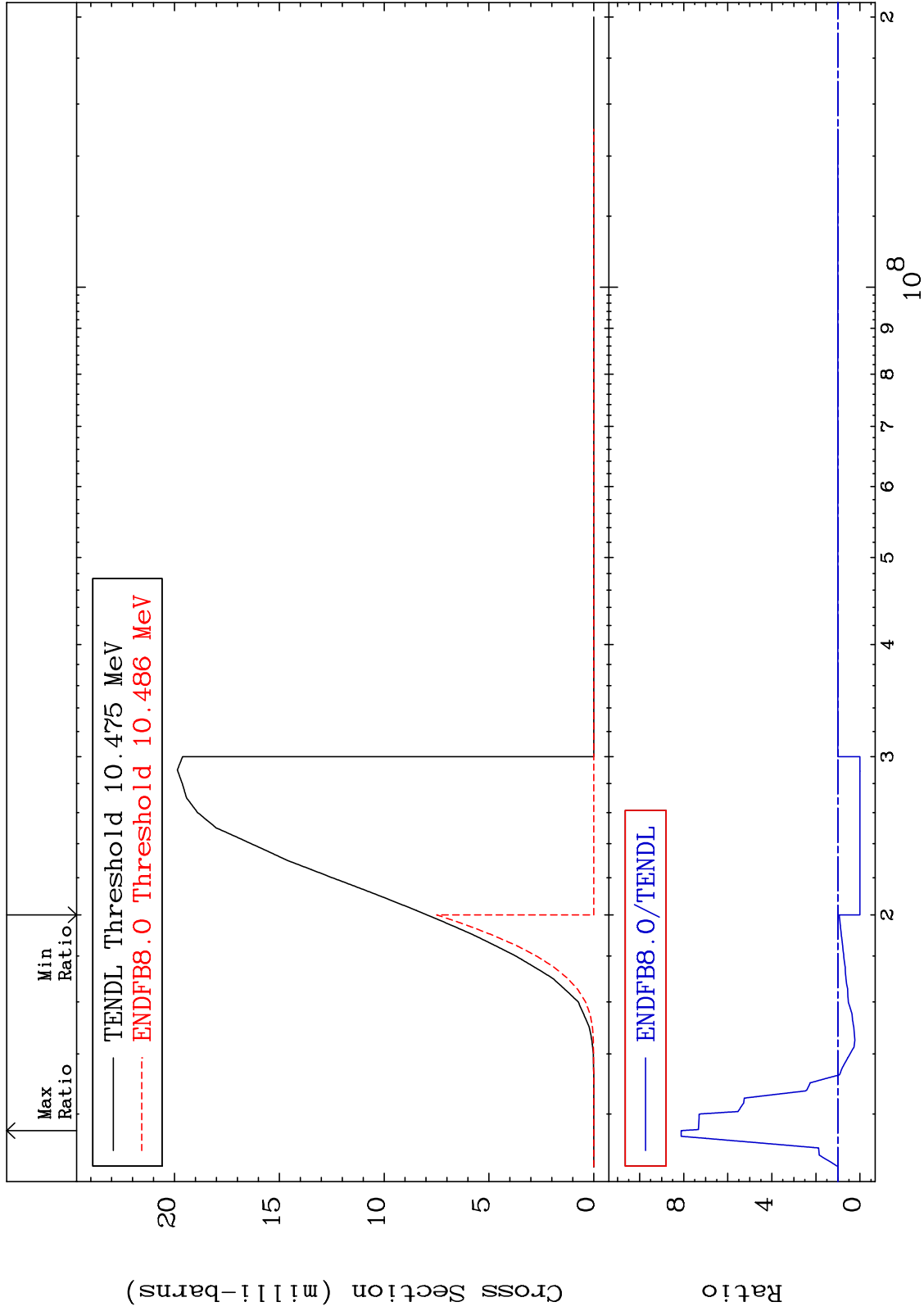
MAT 2843

(n,d)

²⁸Ni-64

Cross Section

-100.0 To 711.2 %



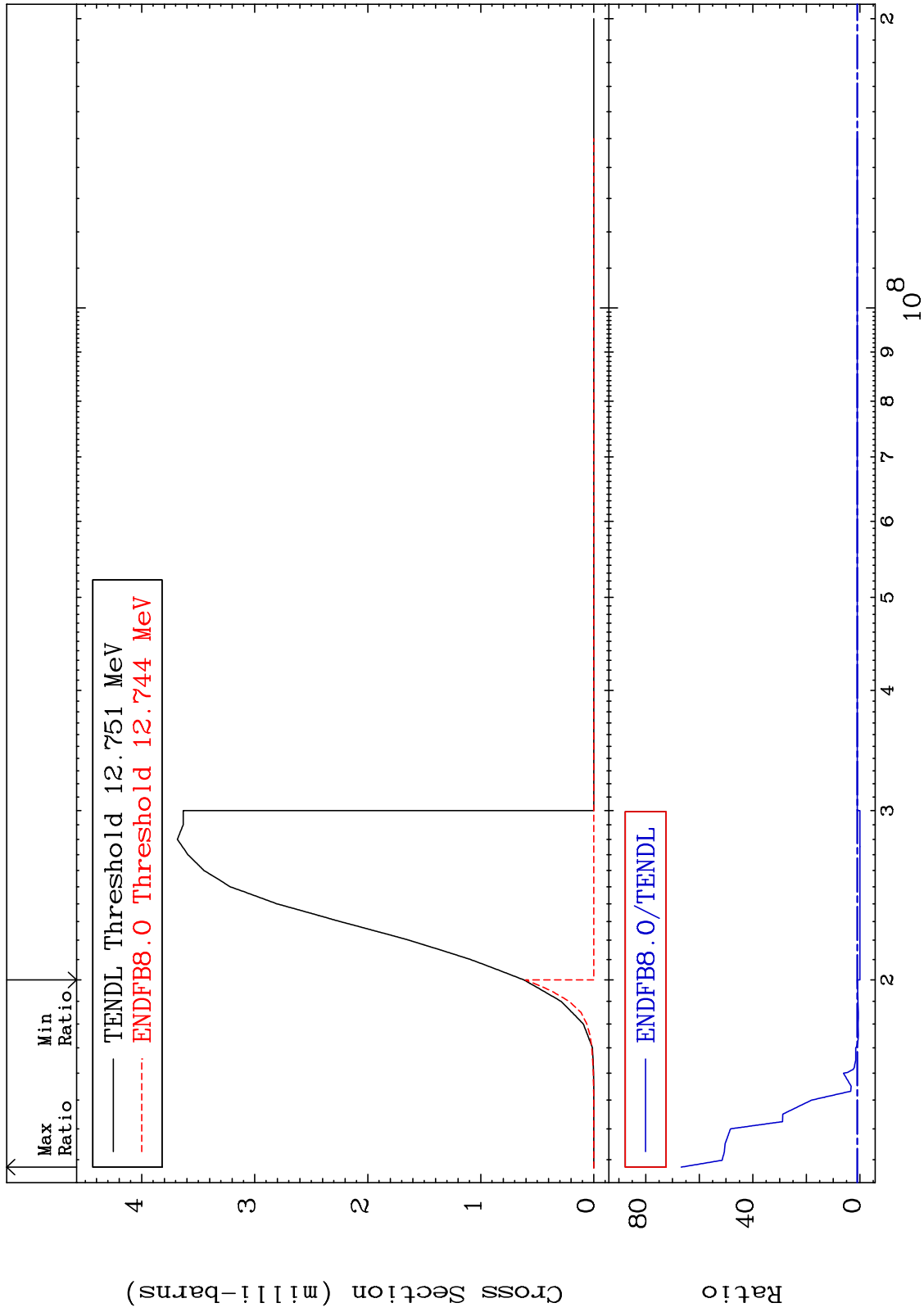
MAT 2843

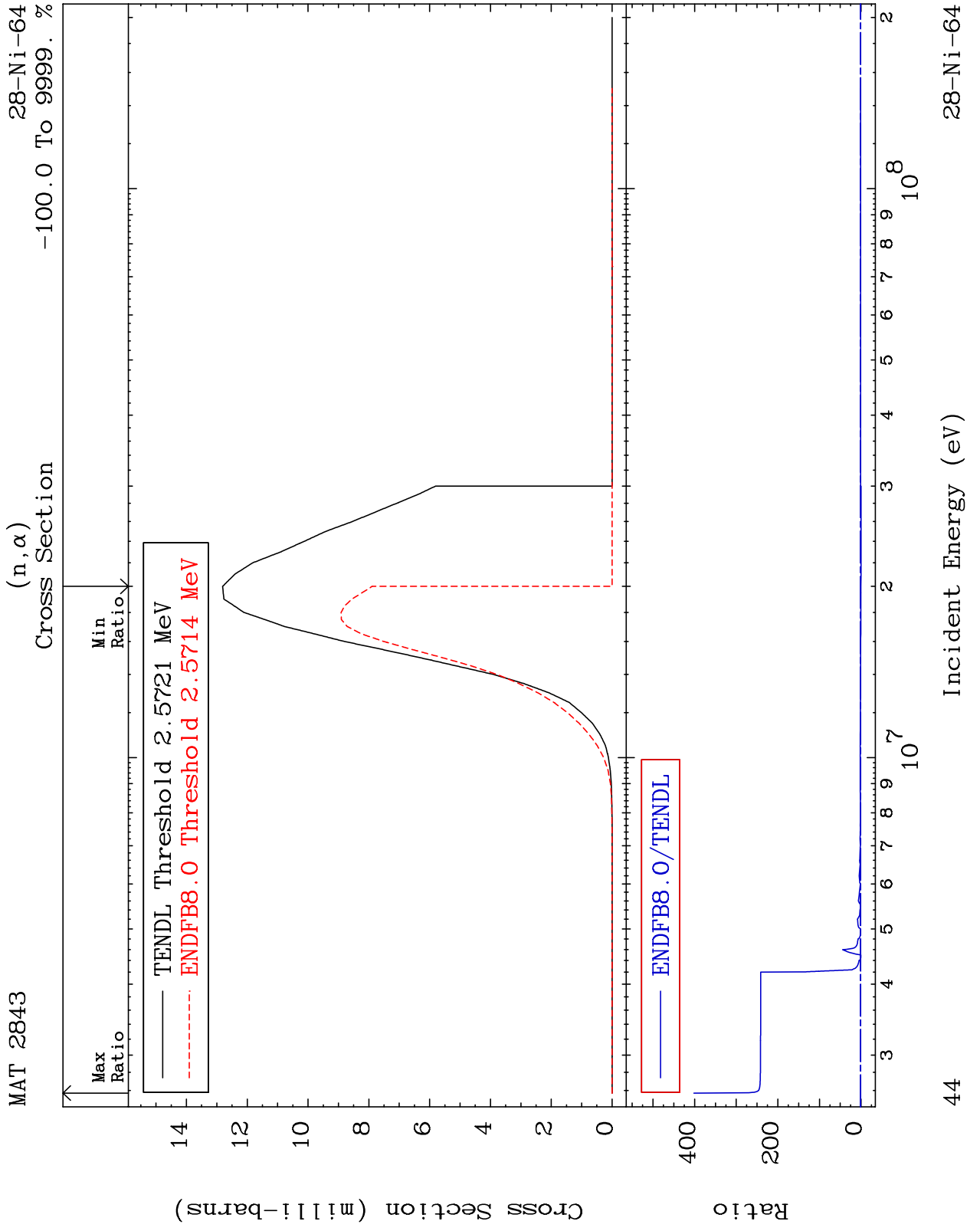
(n, t)

28-Ni-64

Cross Section

-100.0 To 6573. %

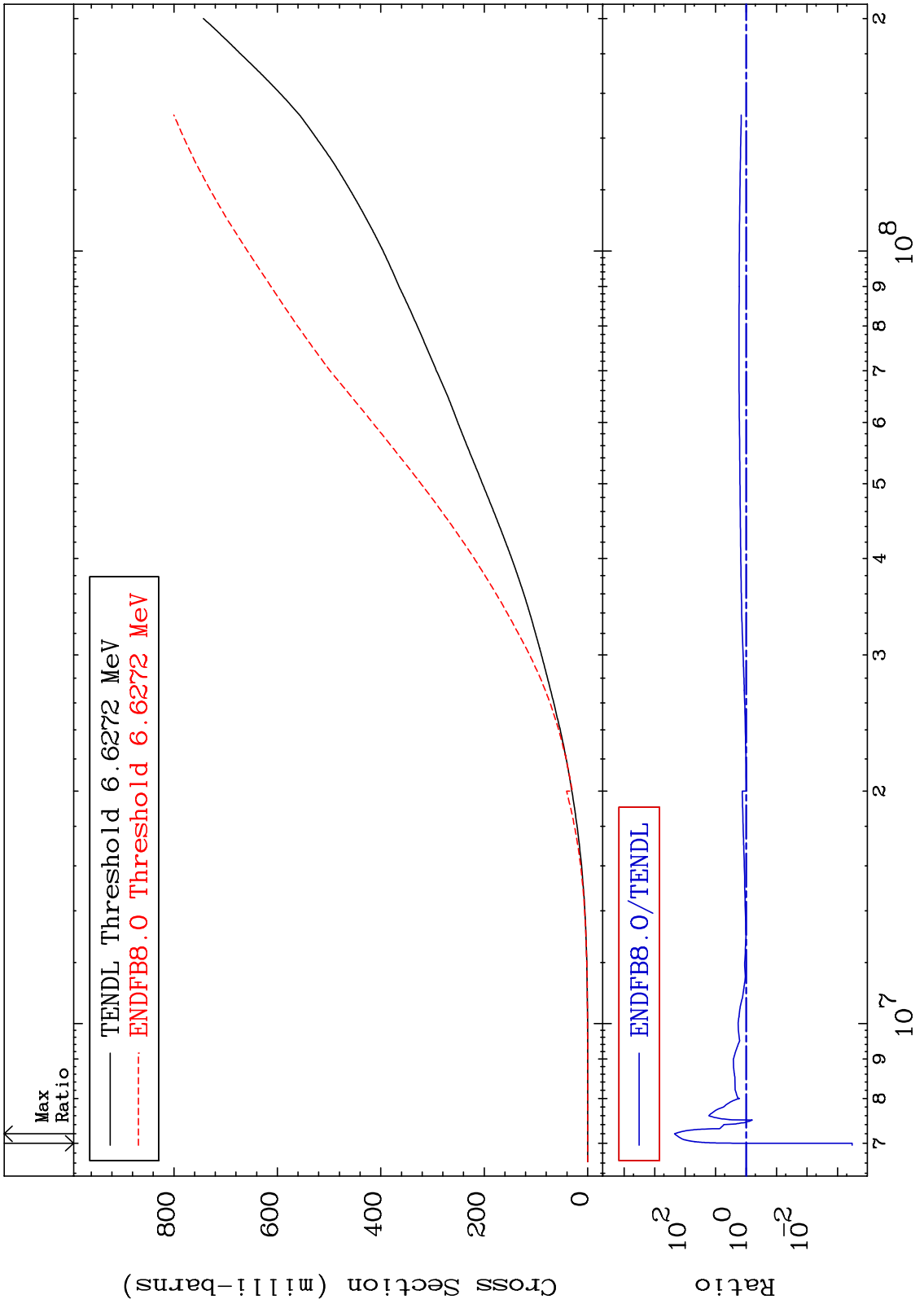




MAT 2843

Hydrogen Production
Cross Section

²⁸Ni-64
-99.97 To 9999. %



45

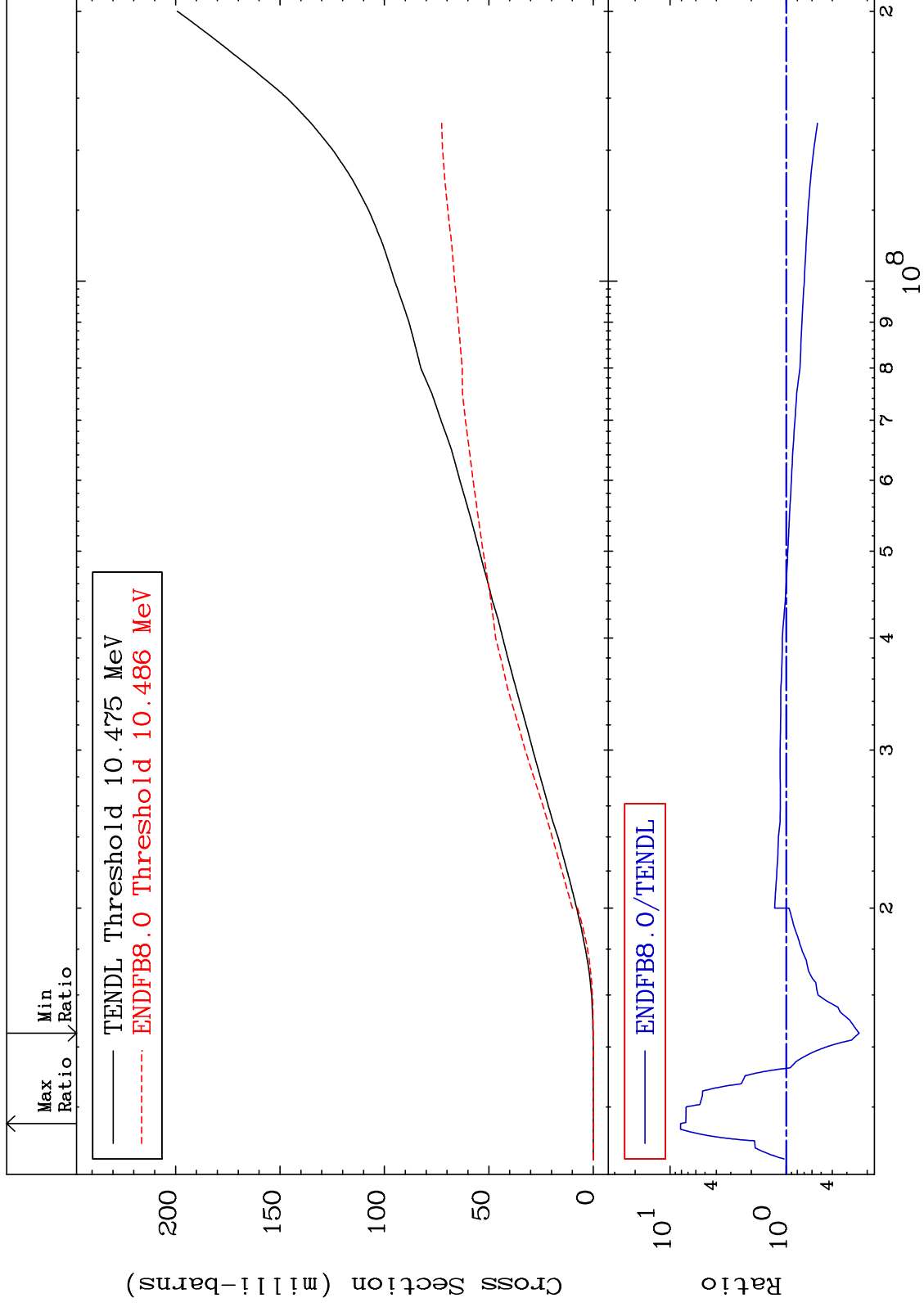
Incident Energy (eV)

²⁸Ni-64

MAT 2843

Deuterium Production
Cross Section

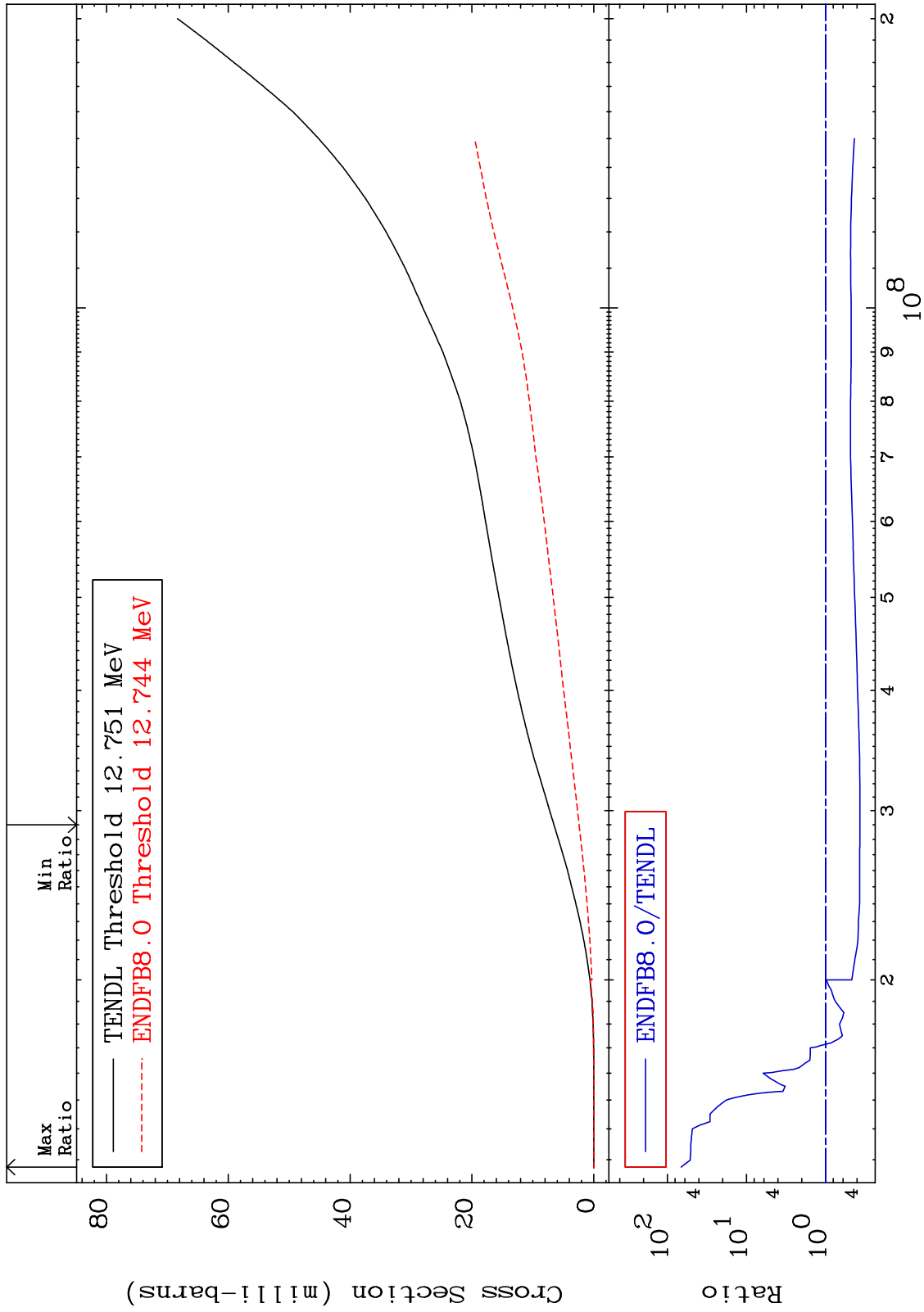
$^{28}\text{Ni-64}$
-76.53 To 711.2 %



MAT 2843

Tritium Production
Cross Section

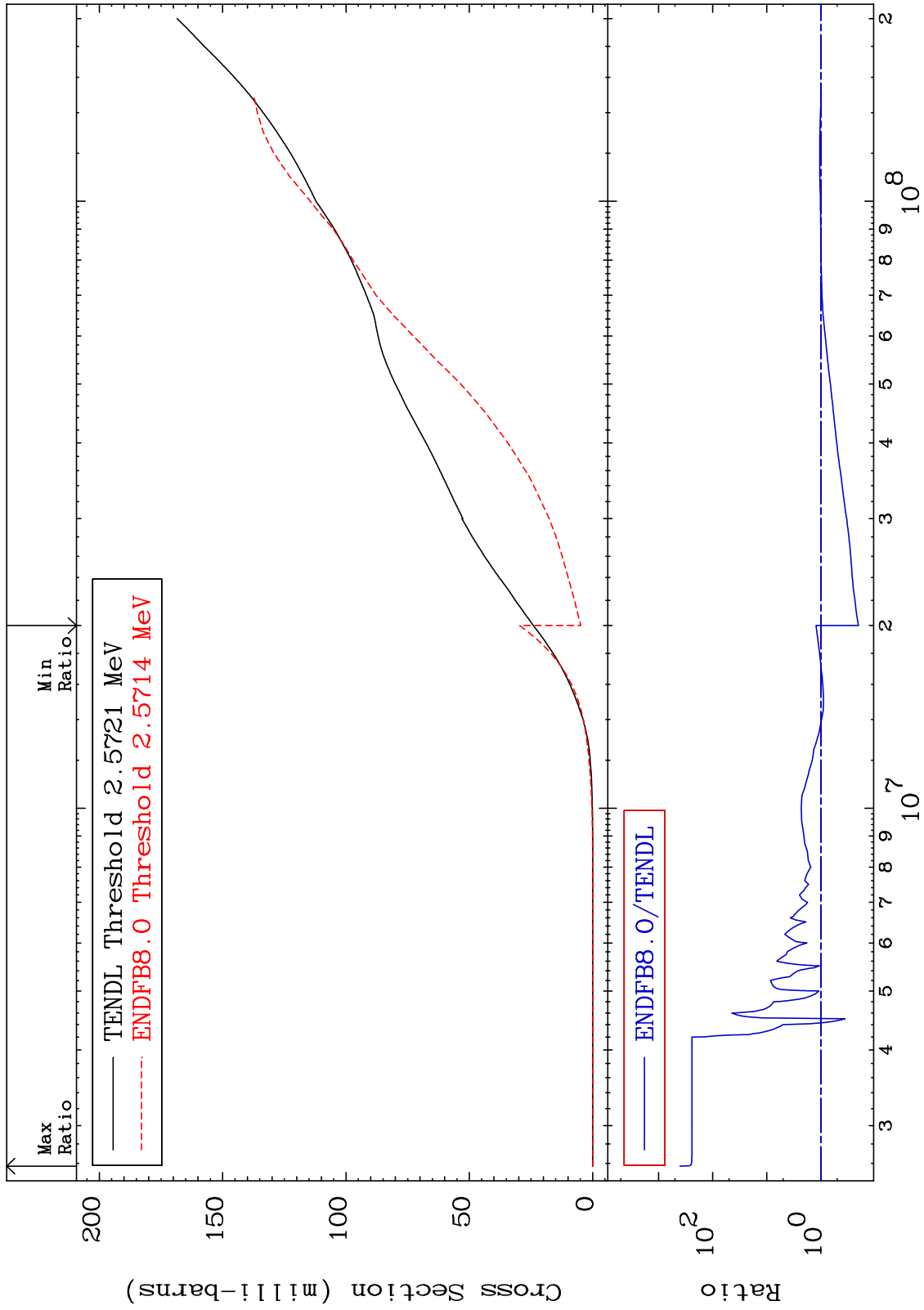
²⁸Ni-64
-63.25 To 6573. %



MAT 2843

He-4 Production
Cross Section

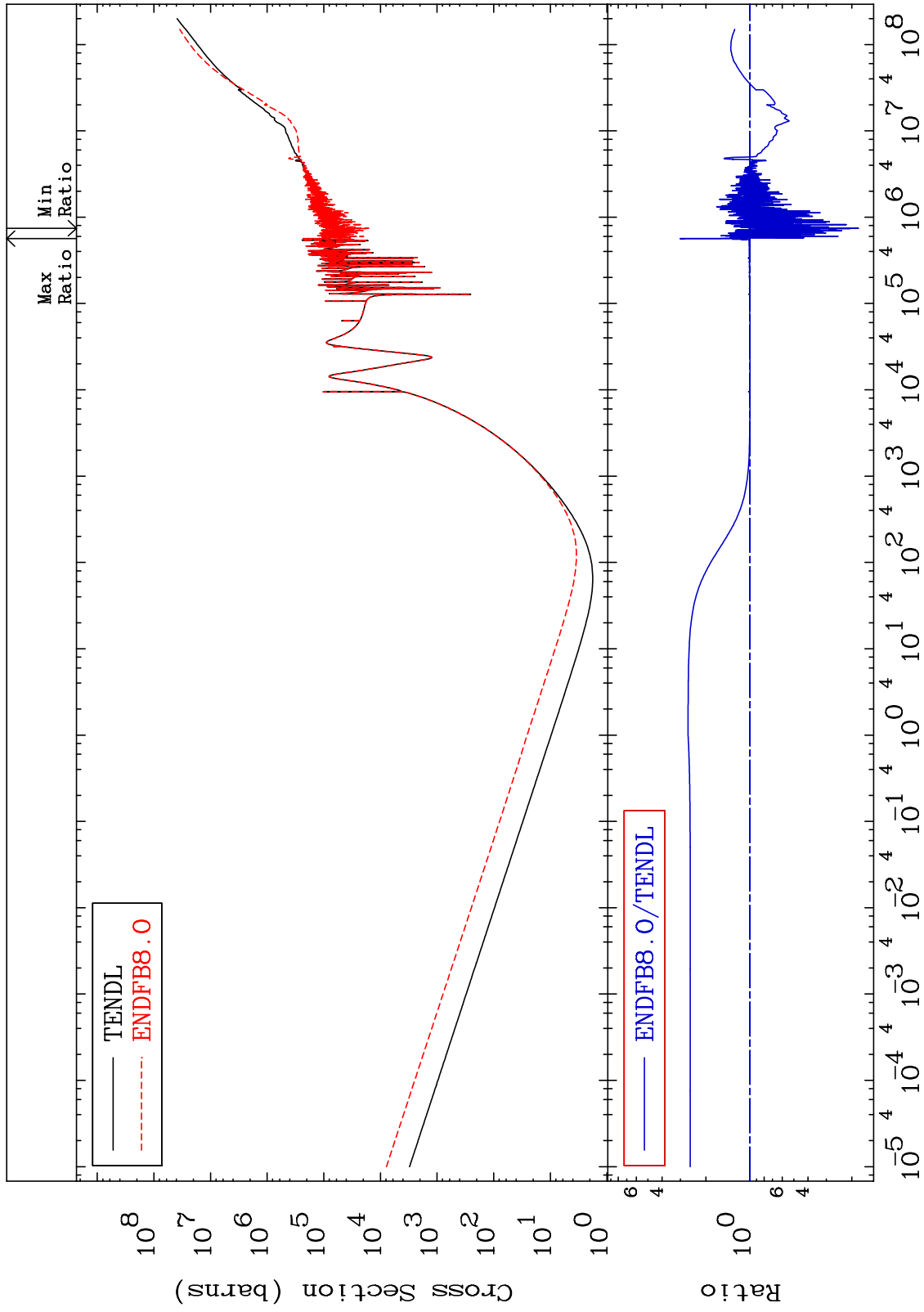
28-Ni-64
-79.71 To 9999. %



MAT 2843

Kerma total (eV-barns)
Cross Section

28-Ni-64
-81.95 To 201.4 %



49

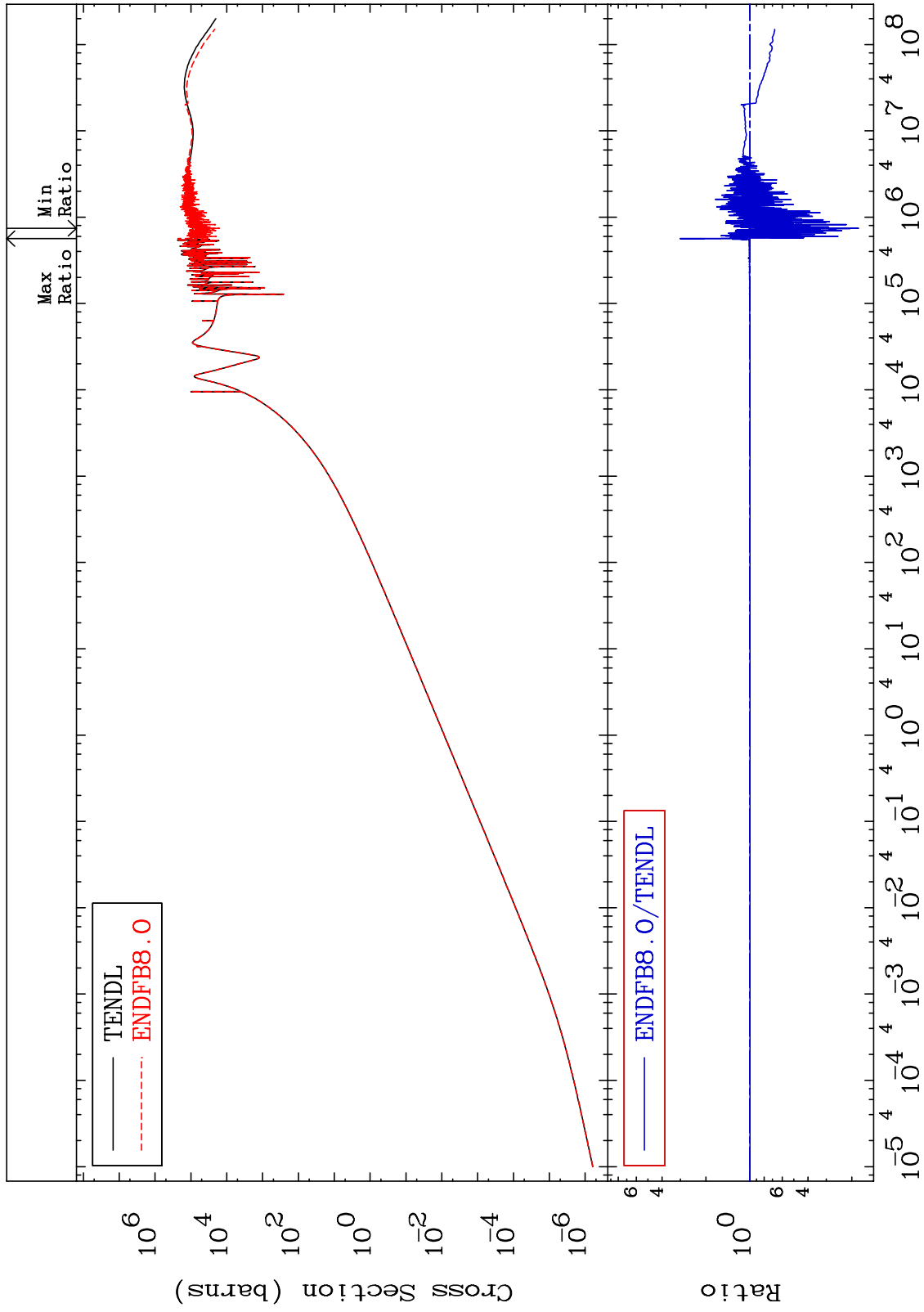
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma elastic
Cross Section

28-Ni-64
-81.95 To 201.4 %



50

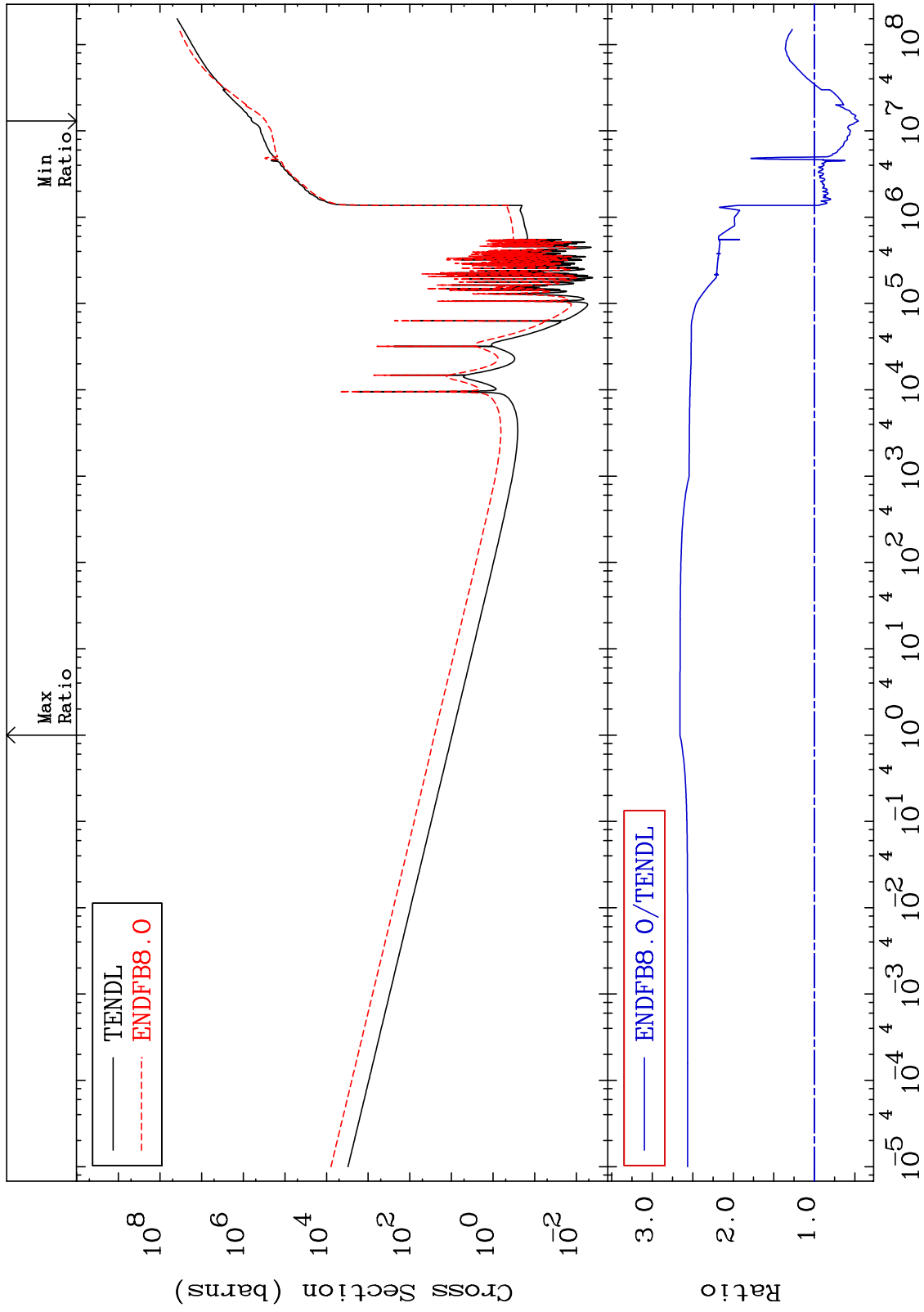
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma non-elastic (all but mt2)
Cross Section

28-Ni-64
-54.41 To 165.7 %



51

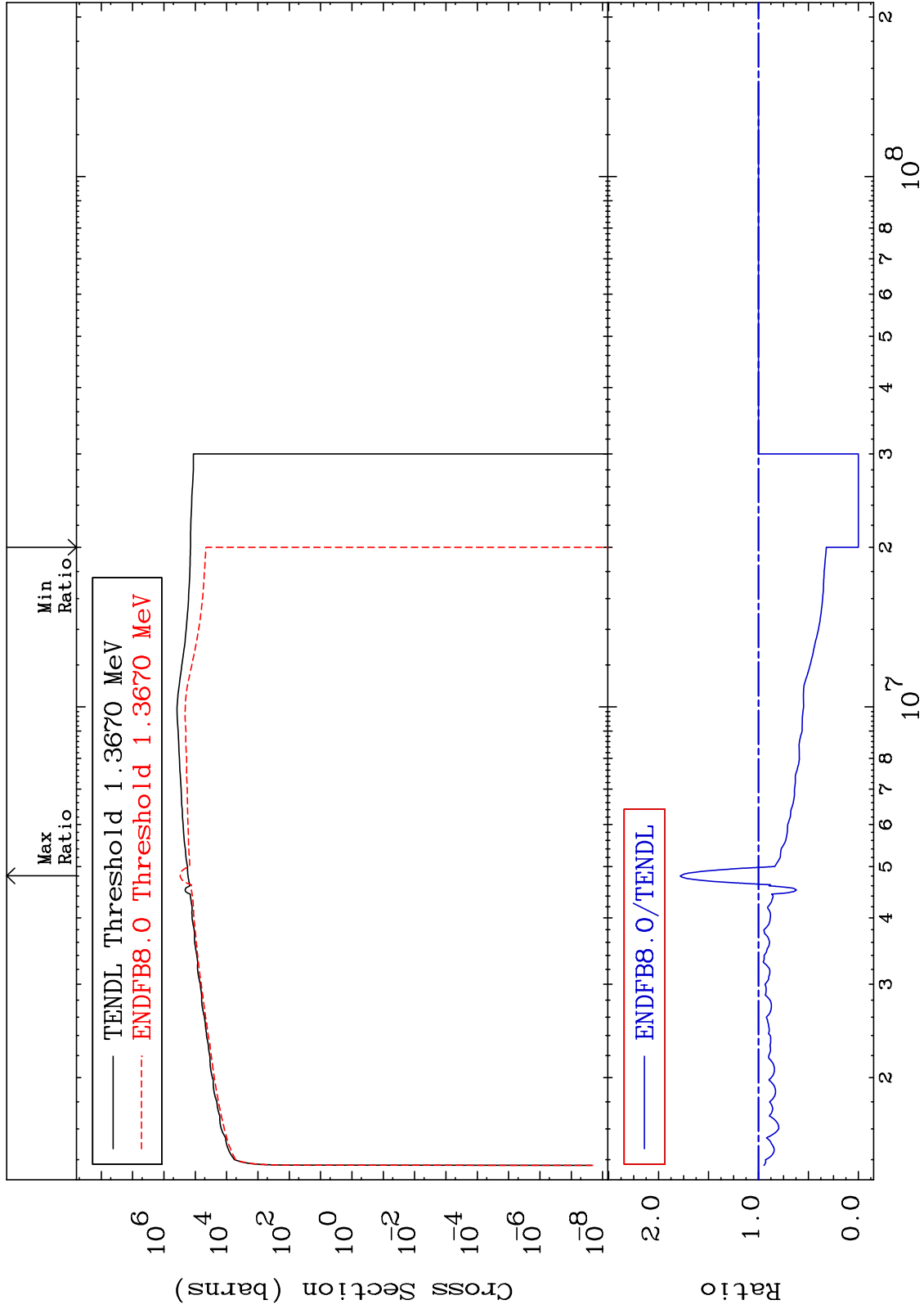
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma inelastic (mt51-91)
Cross Section

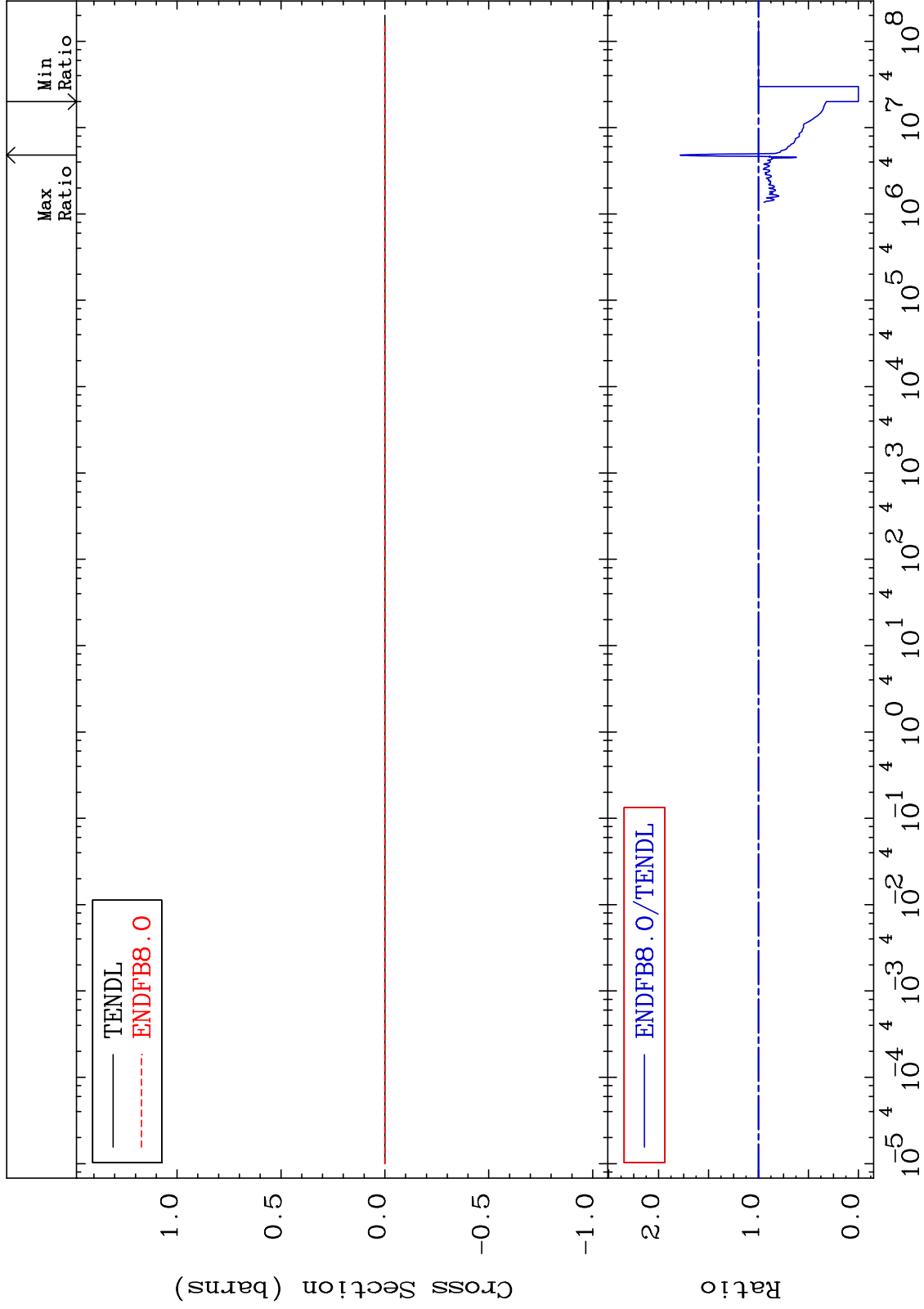
28-Ni-64
-100.0 To 78.56 %



MAT 2843

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

28-Ni-64
-100.0 To 78.56 %



53

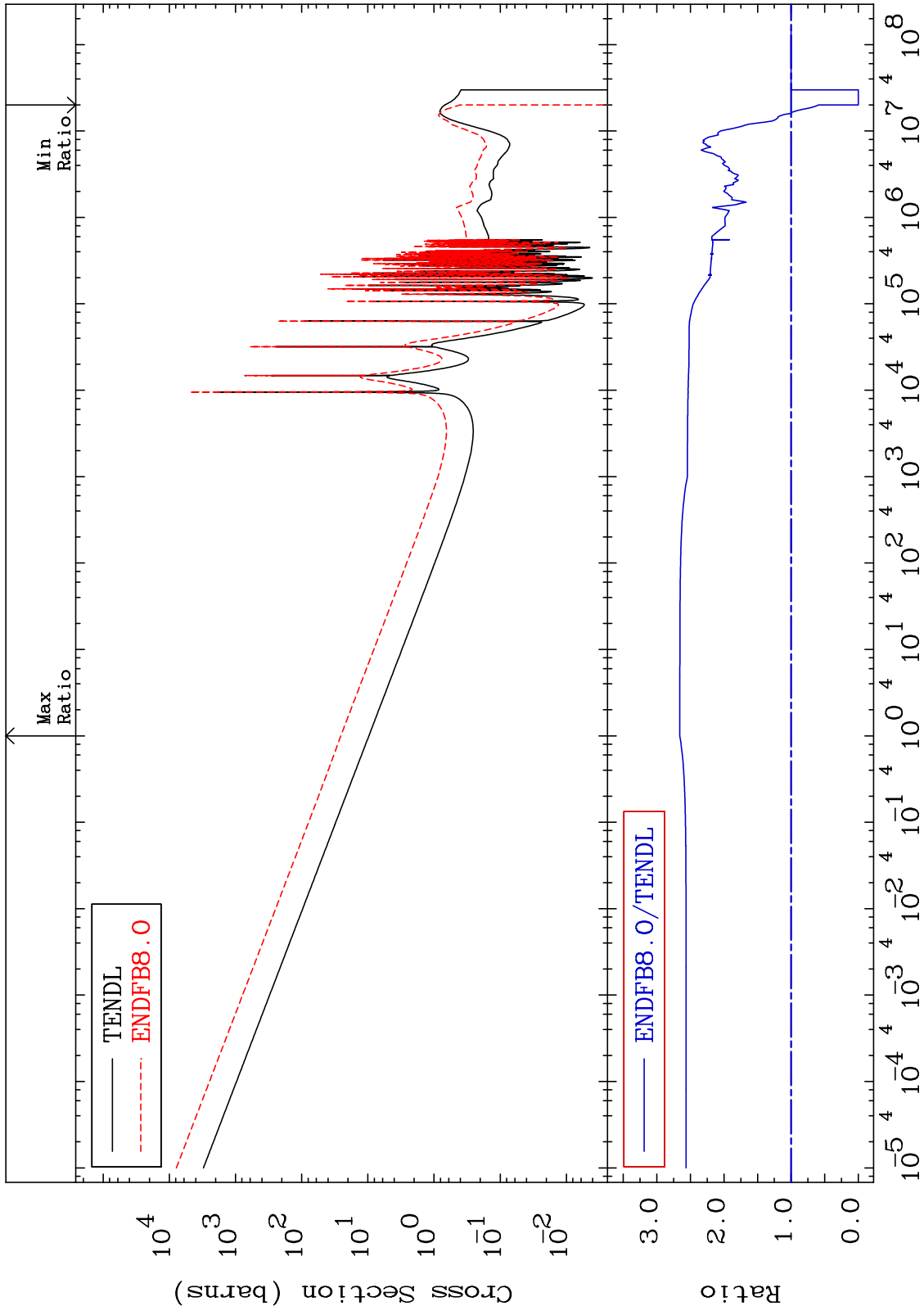
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma capture (mt102)
Cross Section

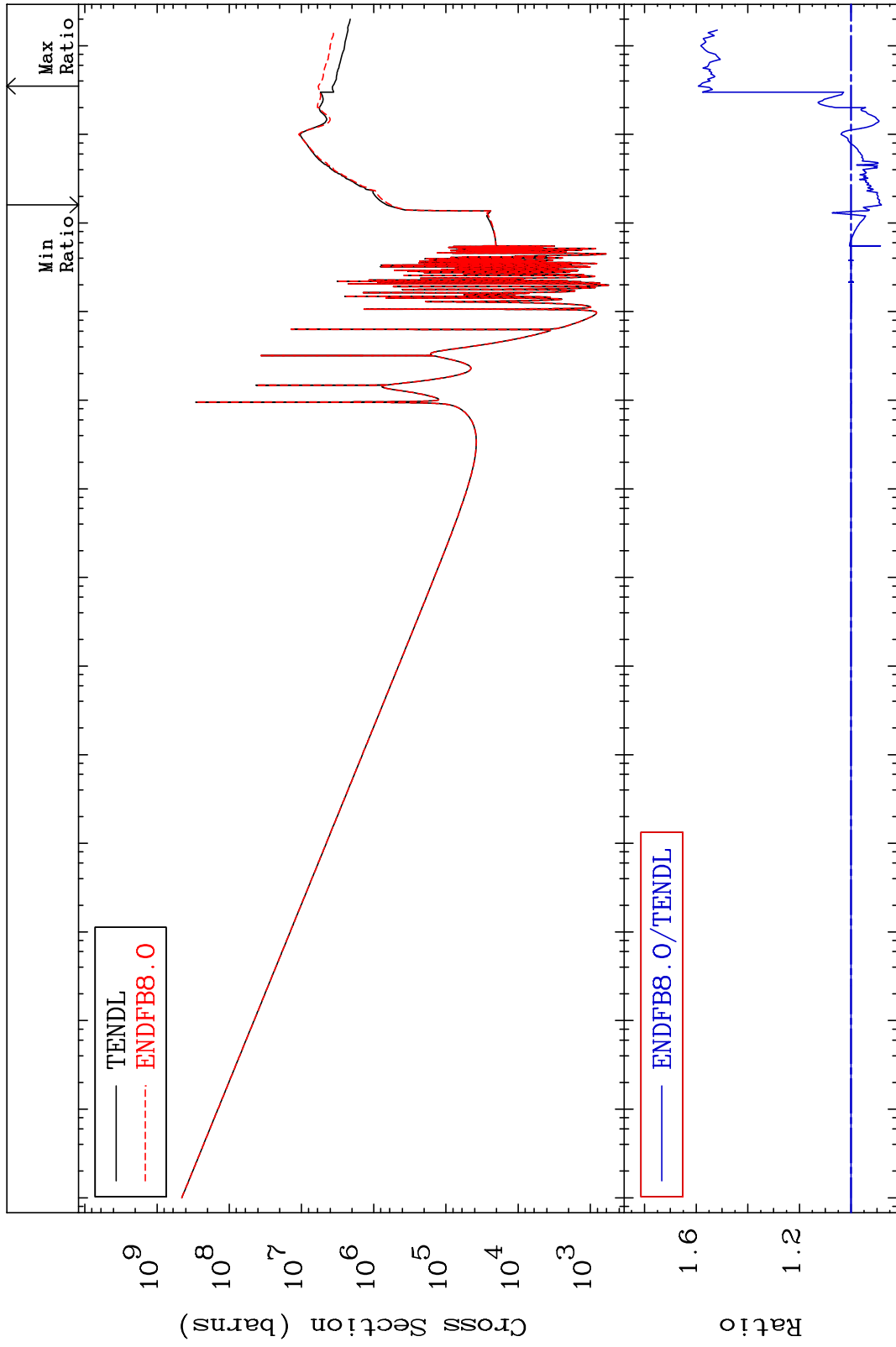
28-Ni-64
-100.0 To 165.7 %



MAT 2843

Total photon (eV-barns)
Cross Section

28-Ni-64
-11.79 To 59.16 %



55

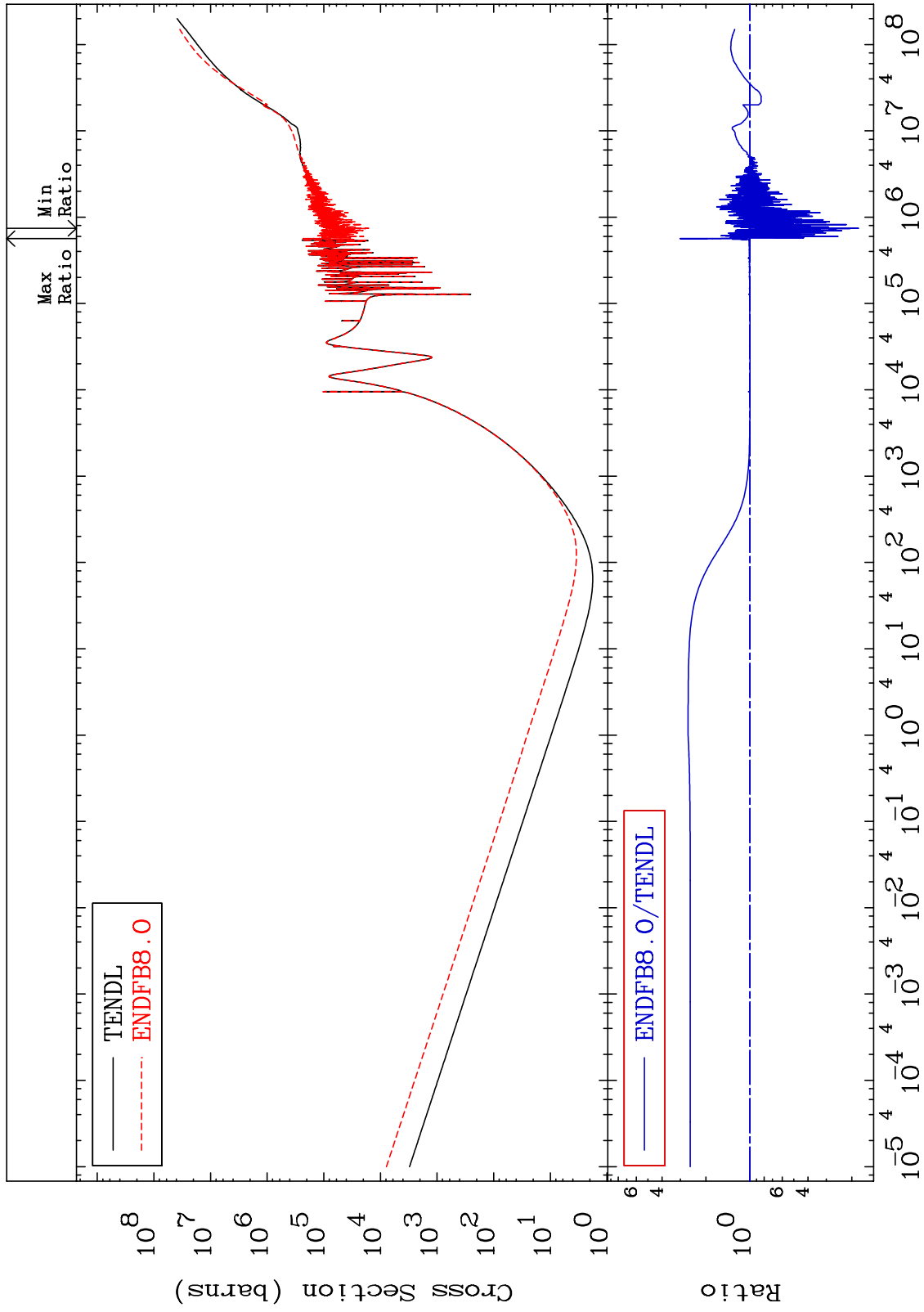
Incident Energy (eV)

28-Ni-64

MAT 2843

Total kinematic kerma (high limit)
Cross Section

28-Ni-64
-81.95 To 201.4 %



56

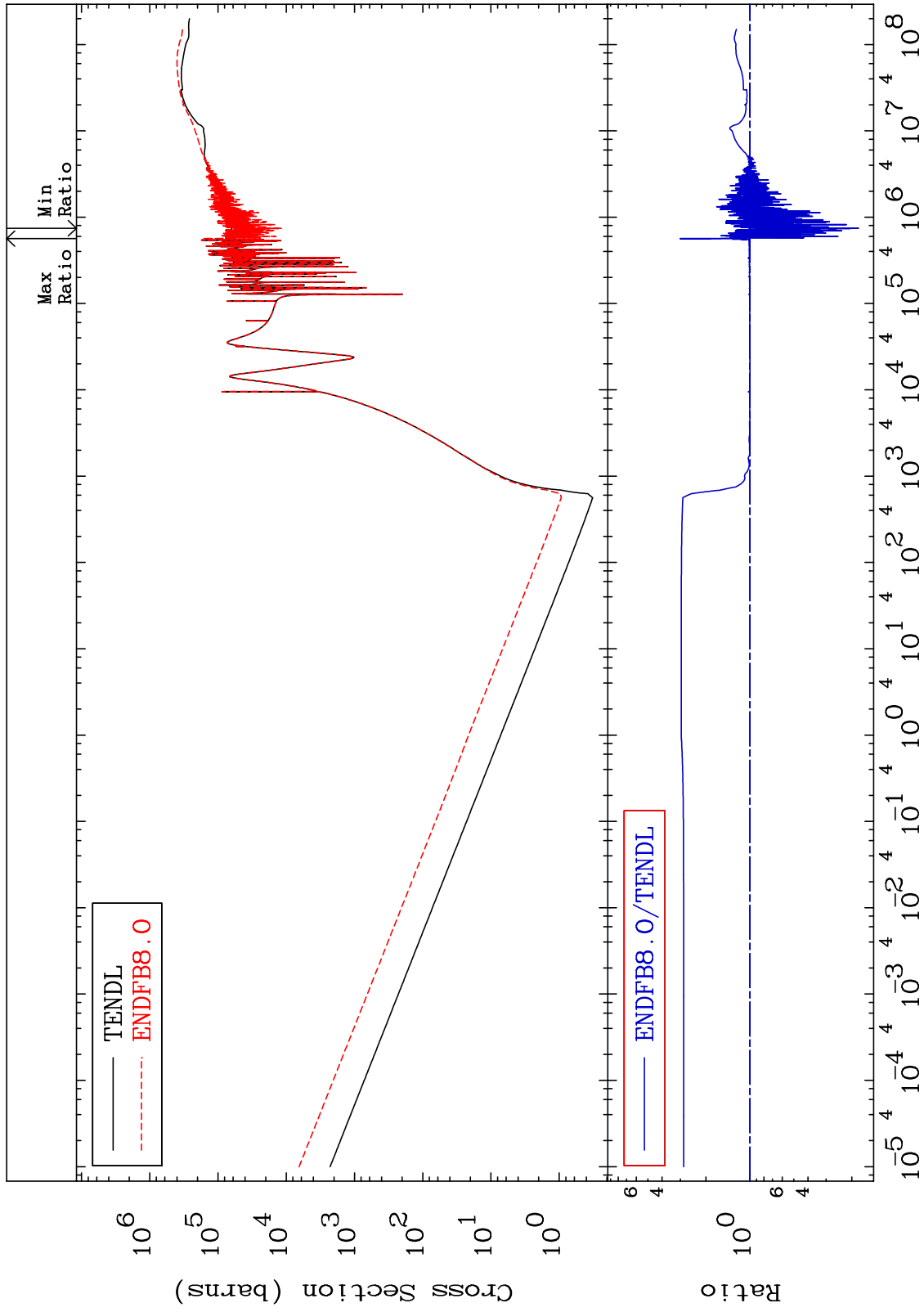
Incident Energy (eV)

28-Ni-64

MAT 2843

Dpa total (eV-barns)
Cross Section

28-Ni-64
-81.97 To 201.3 %



57

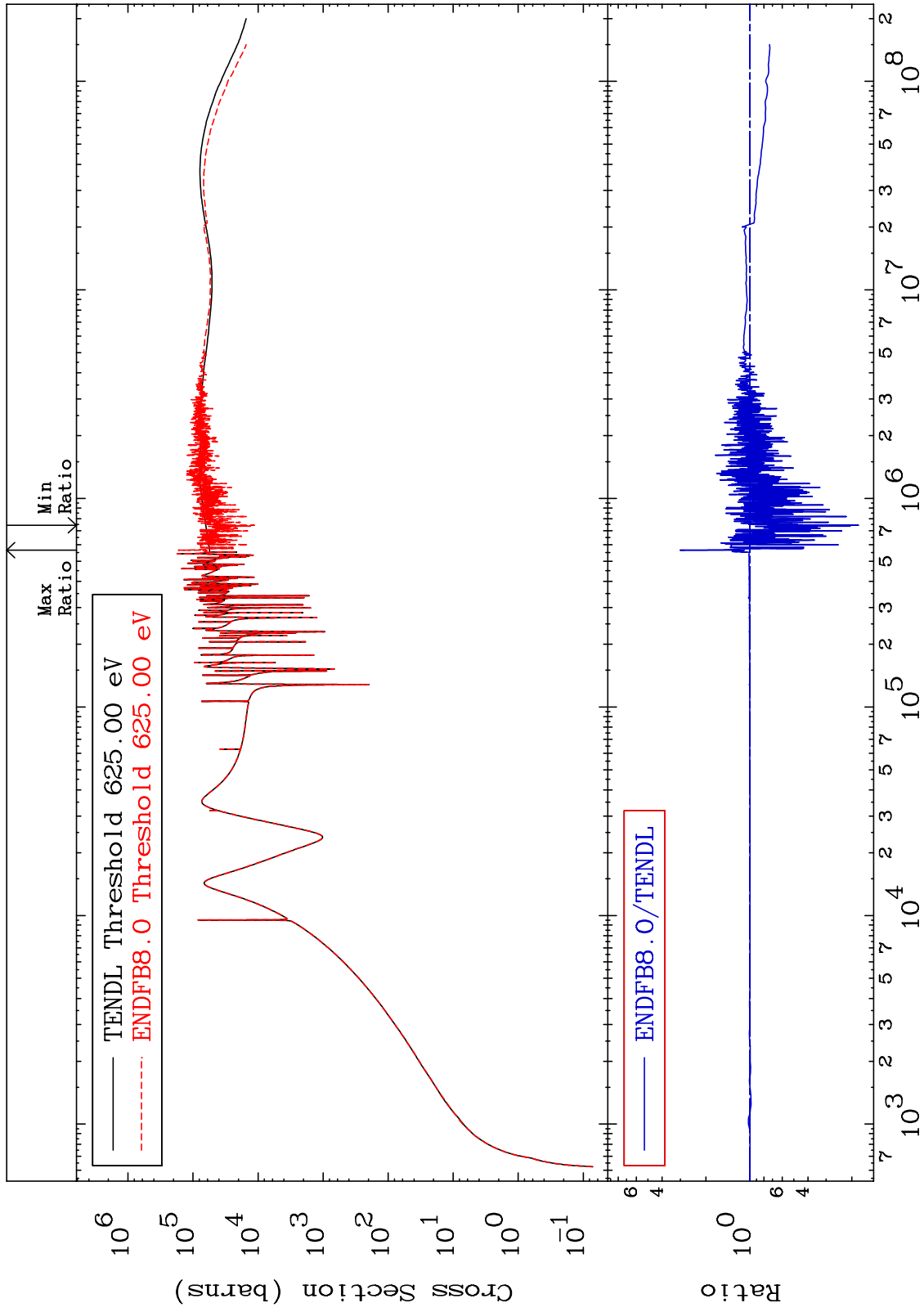
Incident Energy (eV)

28-Ni-64

MAT 2843

Dpa elastic (mt2)
Cross Section

28-Ni-64
-81.97 To 201.3 %



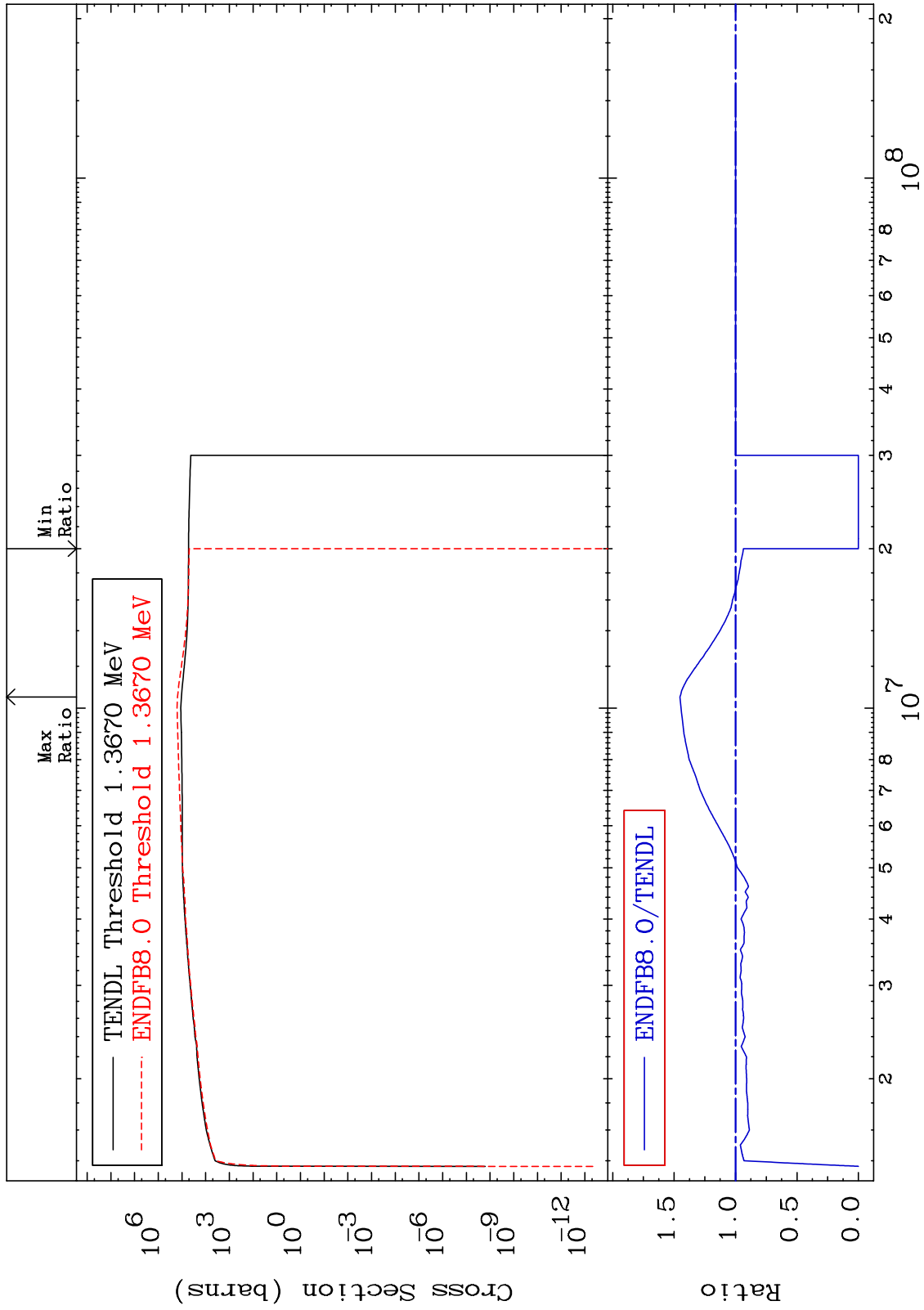
MAT 2843

Dpa inelastic (mt51-91)

28-Ni-64

-100.0 To 45.20 %

Cross Section



MAT 2843

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-64
-100.0 To 195.9 %

