

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

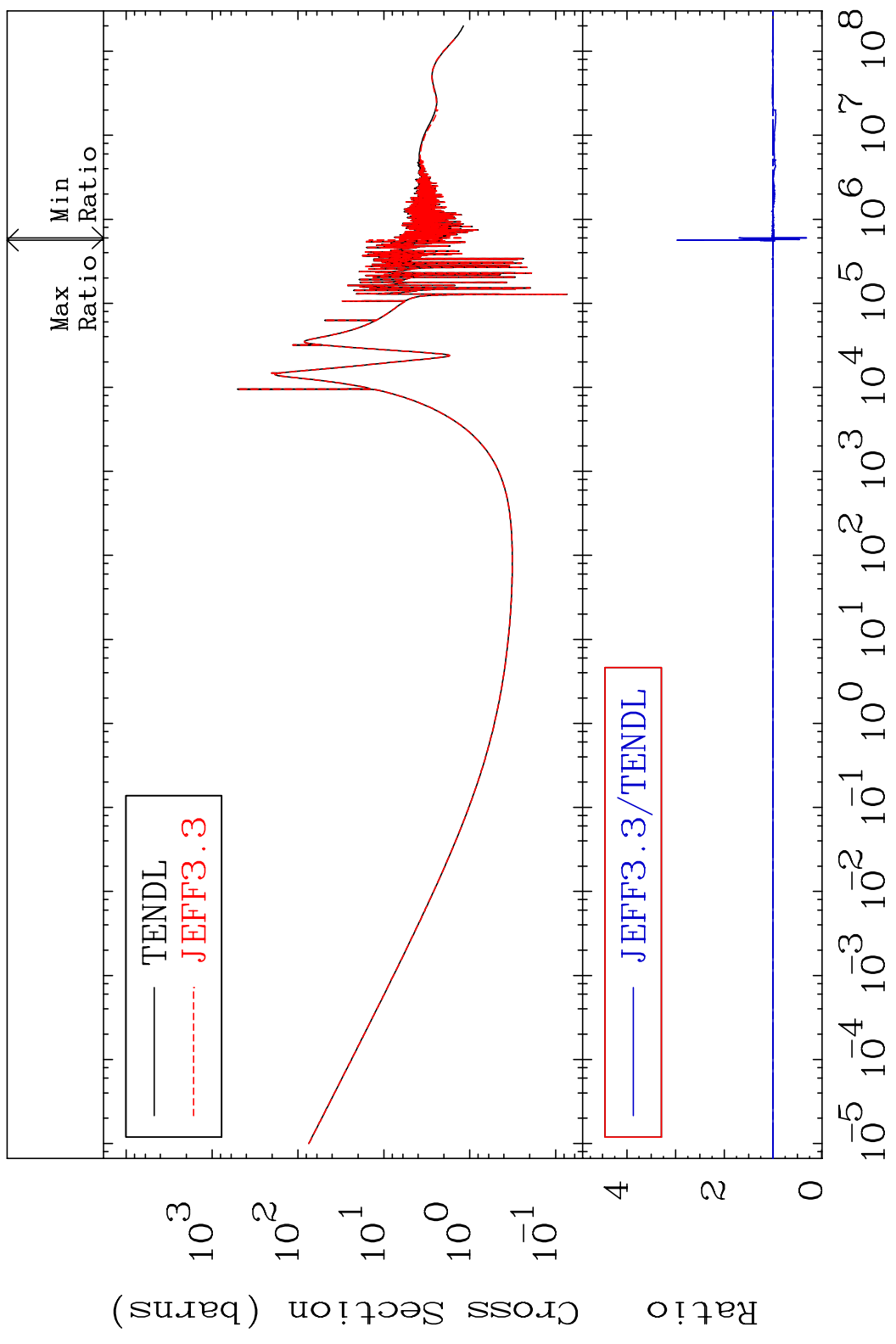
MAT 2843

Total

28-Ni-64

Cross Section

-68.60 To 196.7 %



1

Incident Energy (eV)

28-Ni-64

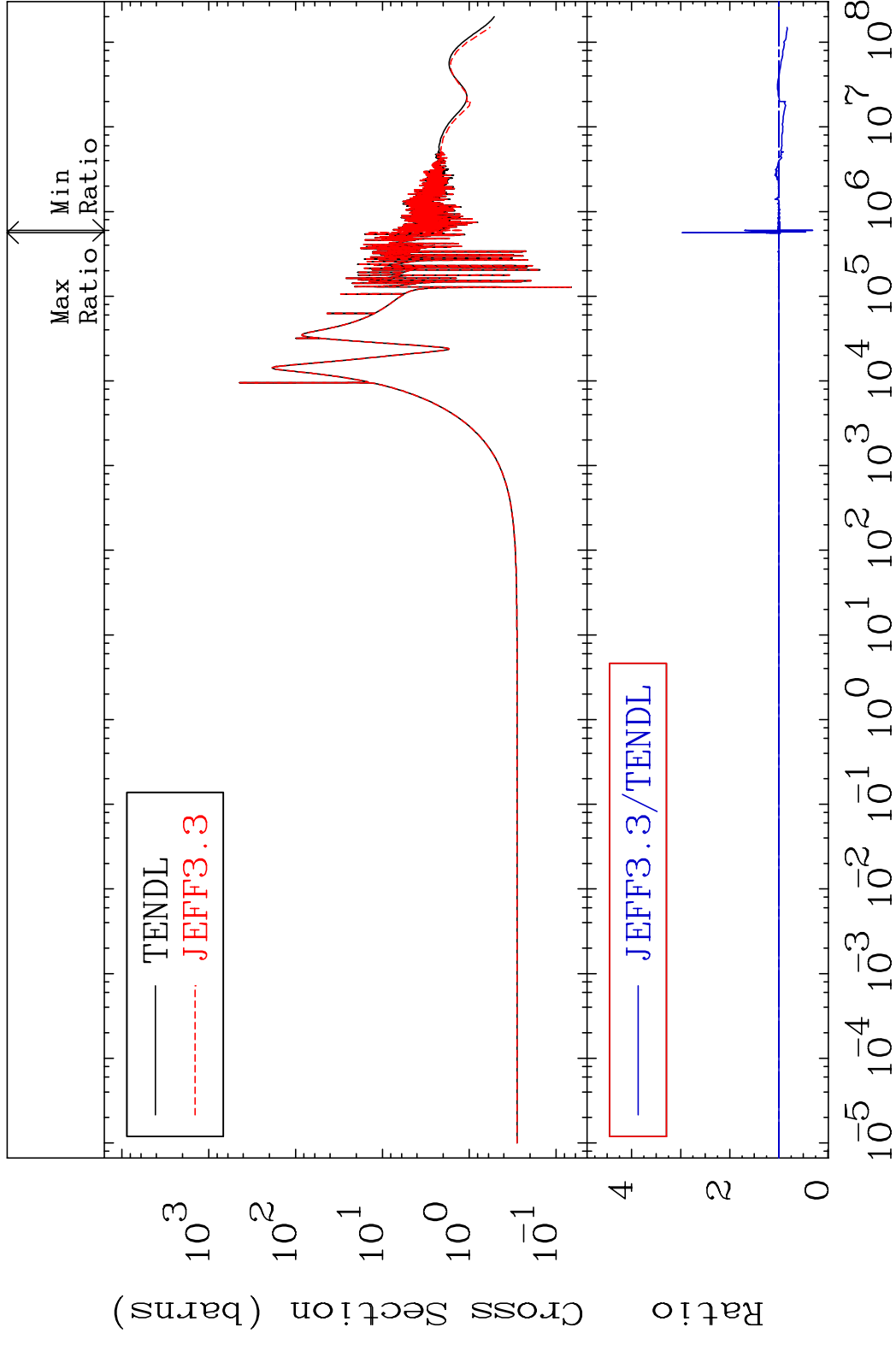
MAT 2843

Elastic

28-Ni-64

Cross Section

-68.73 To 196.6 %

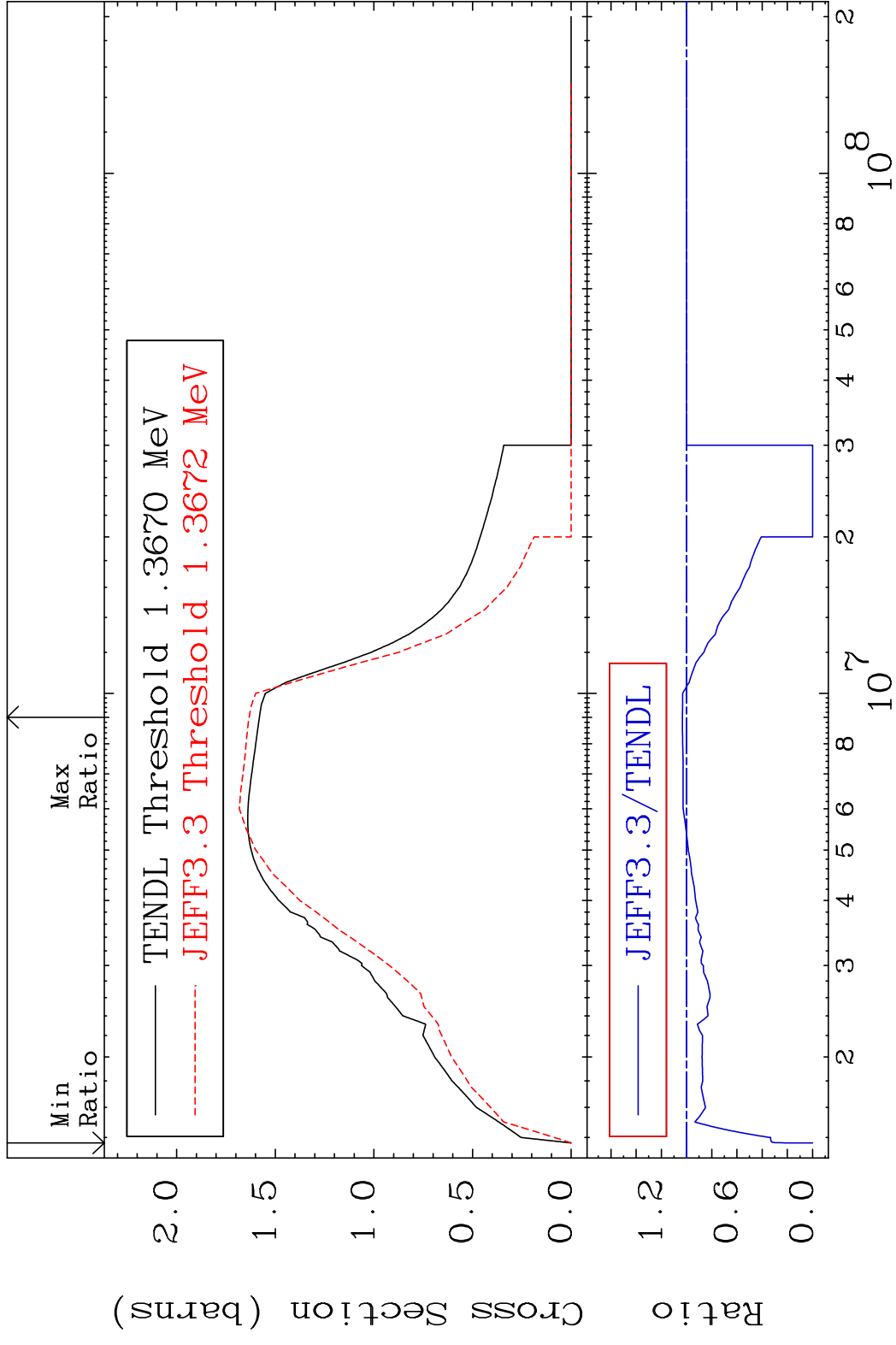


2

Incident Energy (eV)

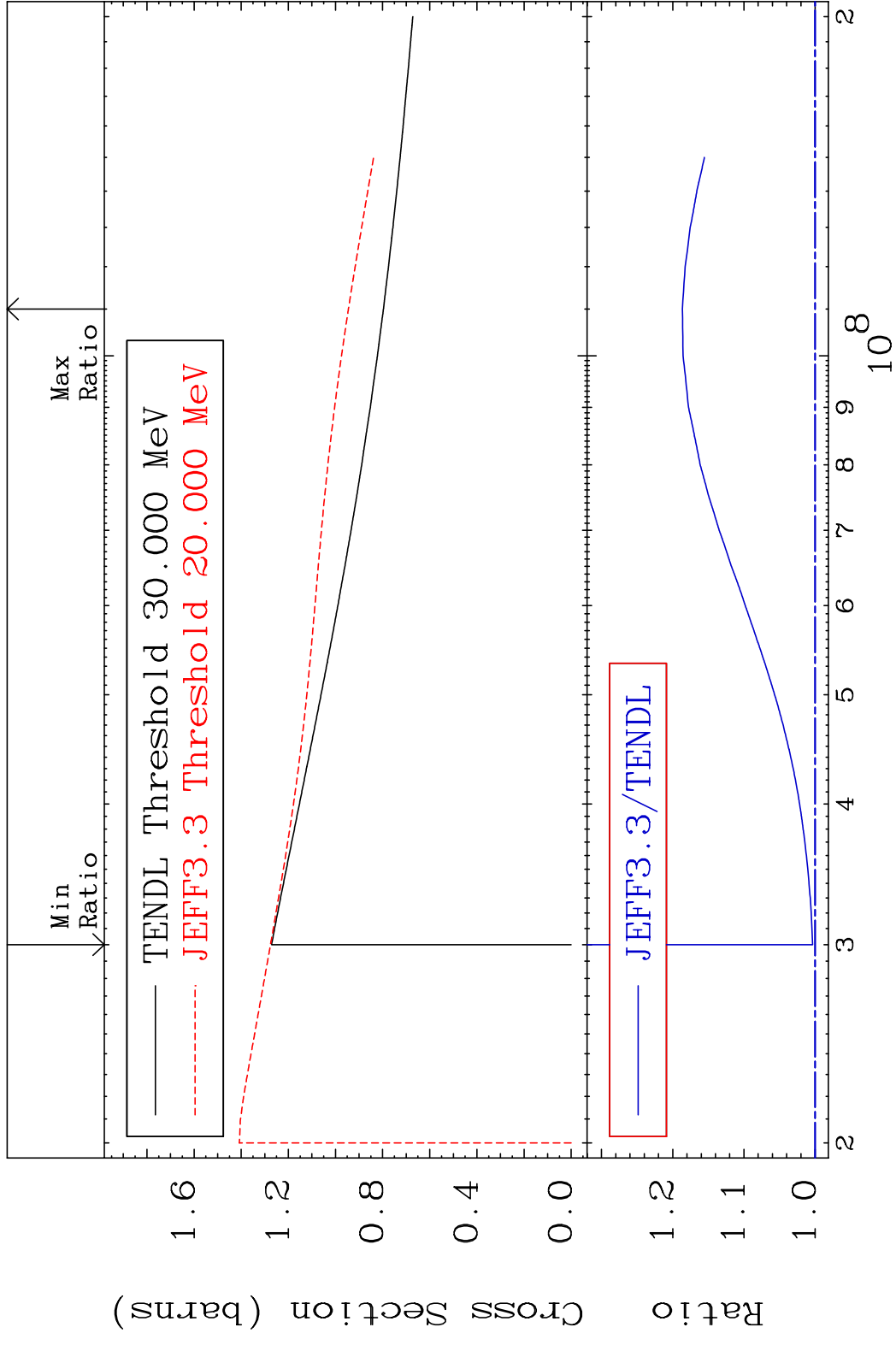
28-Ni-64

MAT 2843 Inelastic 28-Ni-64
 Cross Section -100.0 To 3.312 %



3 Incident Energy (eV) 28-Ni-64

MAT 2843 (n, remainder) 28-Ni-64
 Cross Section 0.364 To 18.65 %



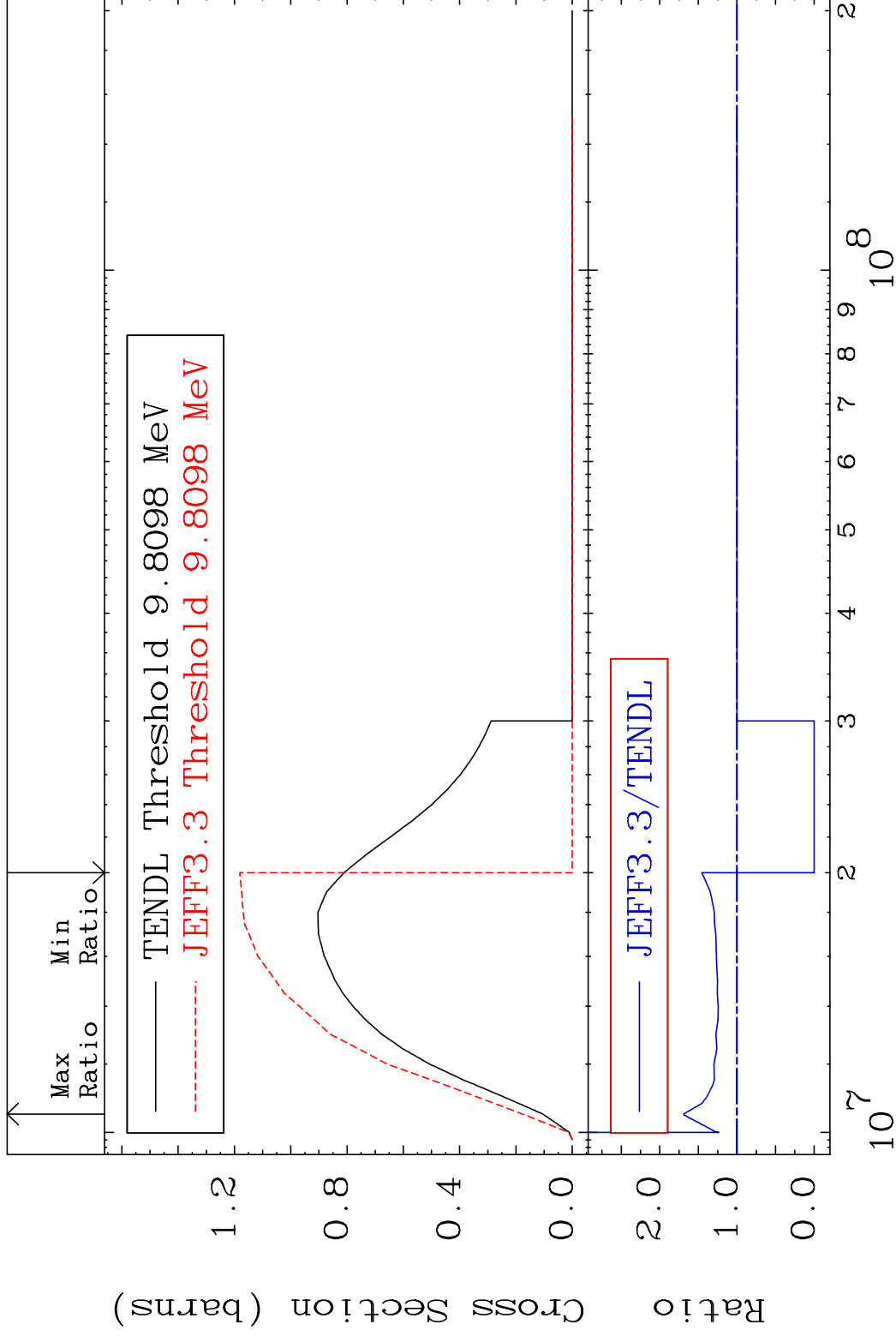
4 Incident Energy (eV) 28-Ni-64

MAT 2843

(n,2n)

28-Ni-64

Cross Section -100.0 To 69.09 %

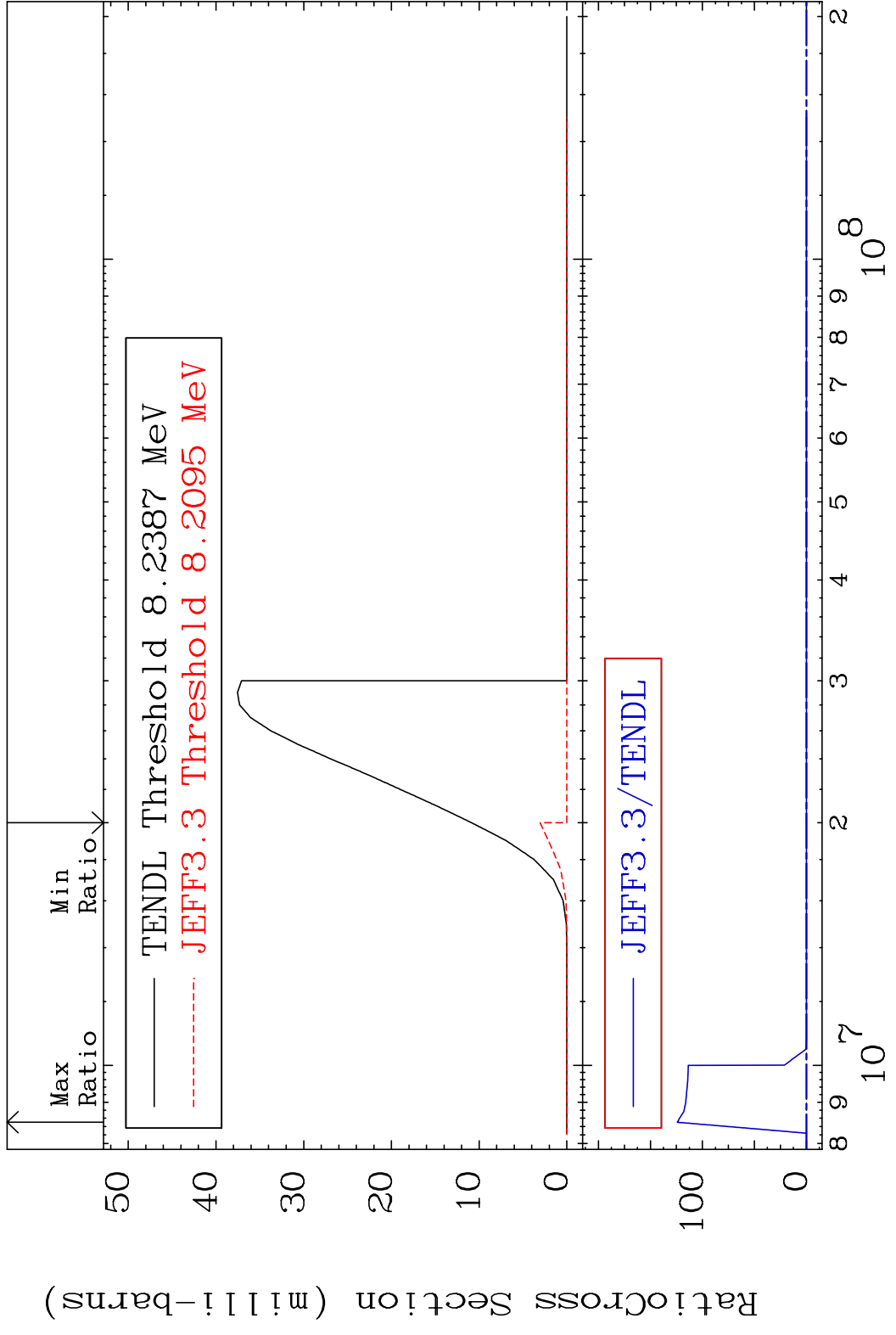


5

Incident Energy (eV)

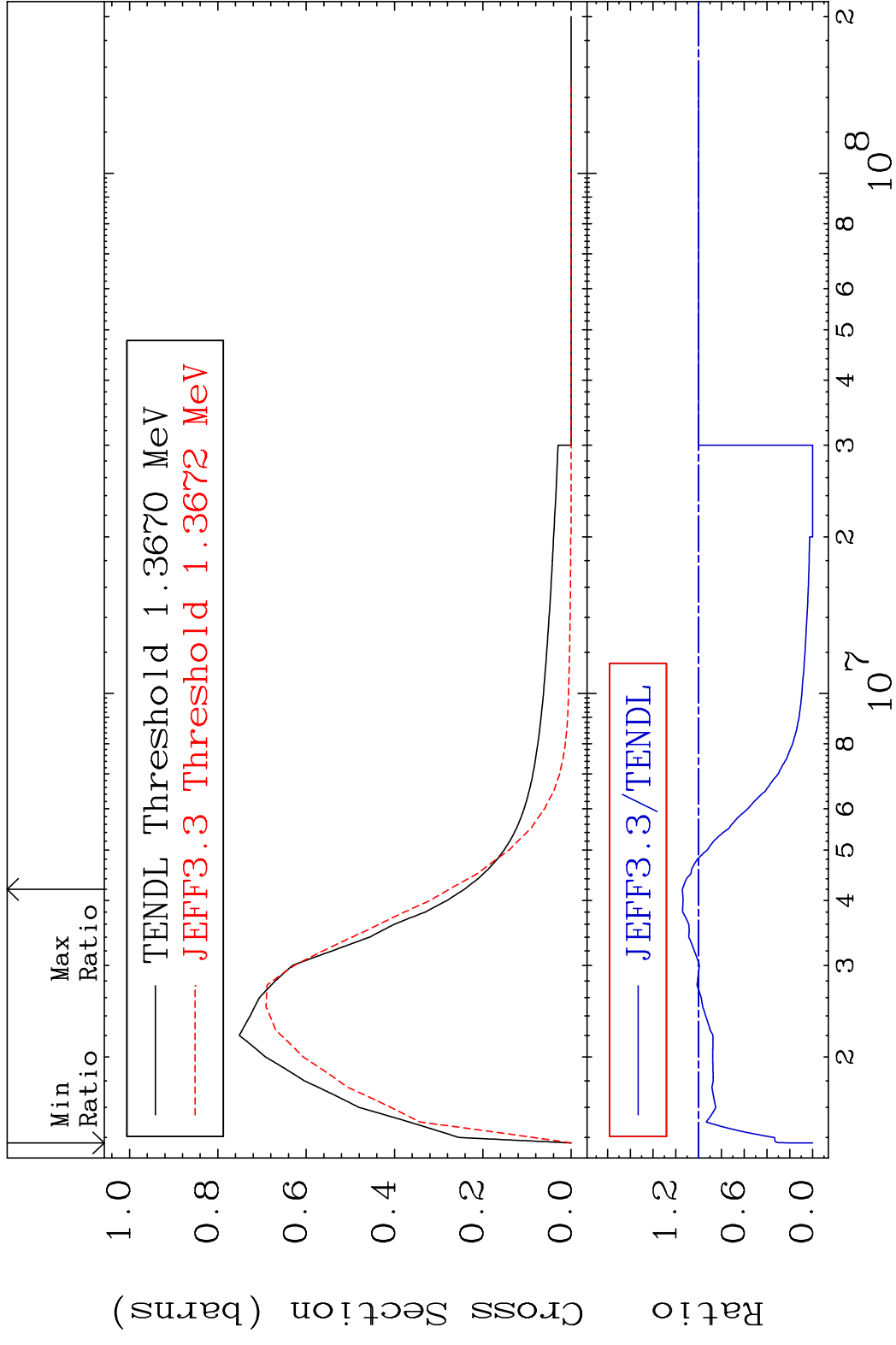
28-Ni-64

MAT 2843 (n, n') α 28-Ni-64
 Cross Section -100.0 To 9999. %



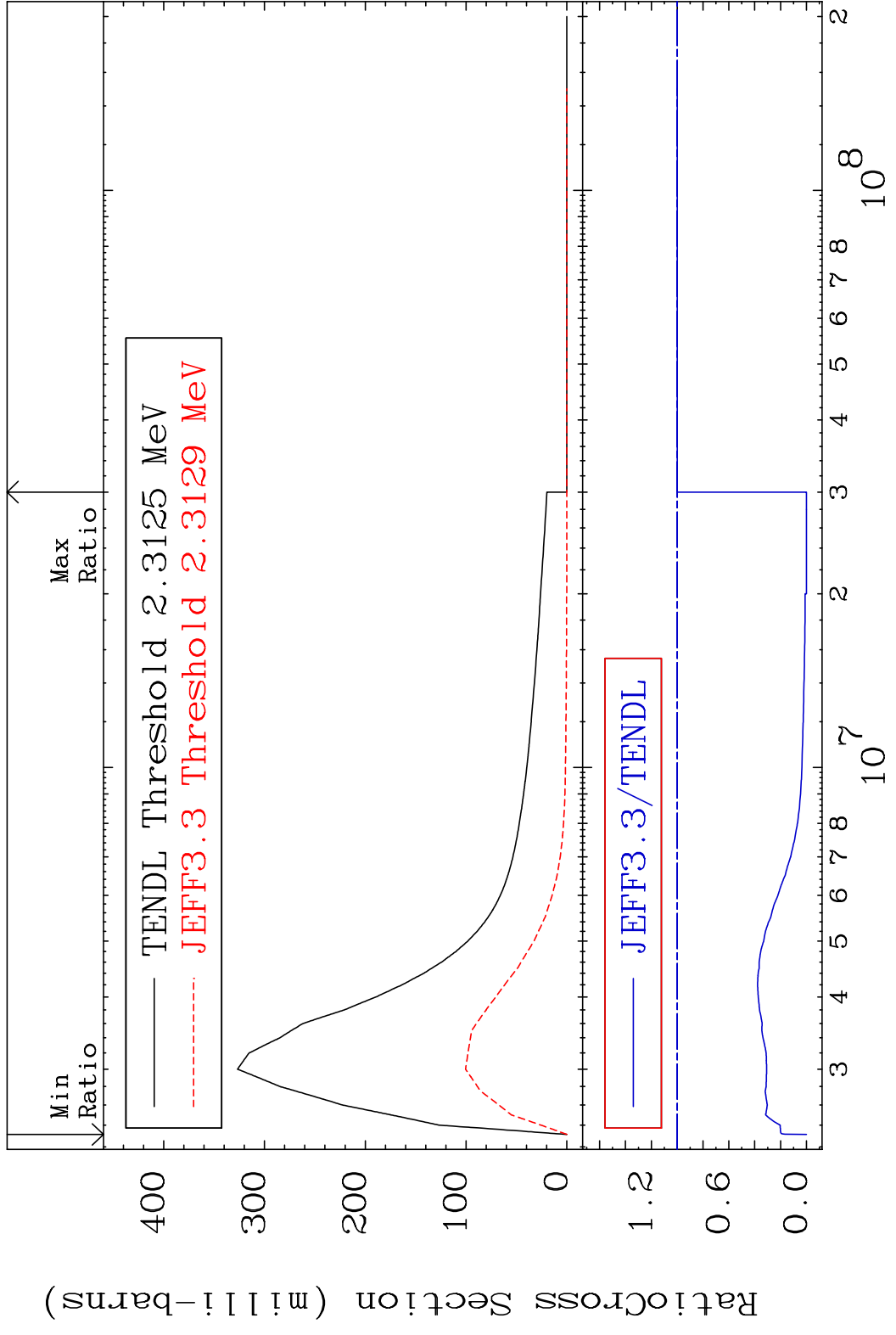
6 Incident Energy (eV) 28-Ni-64

MAT 2843 MT= 51 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 14.29 %



8 Incident Energy (eV) 28-Ni-64

MAT 2843 MT= 52 (n, n') Level 28-Ni-64
 Cross Section -100.0 To 0.000 %

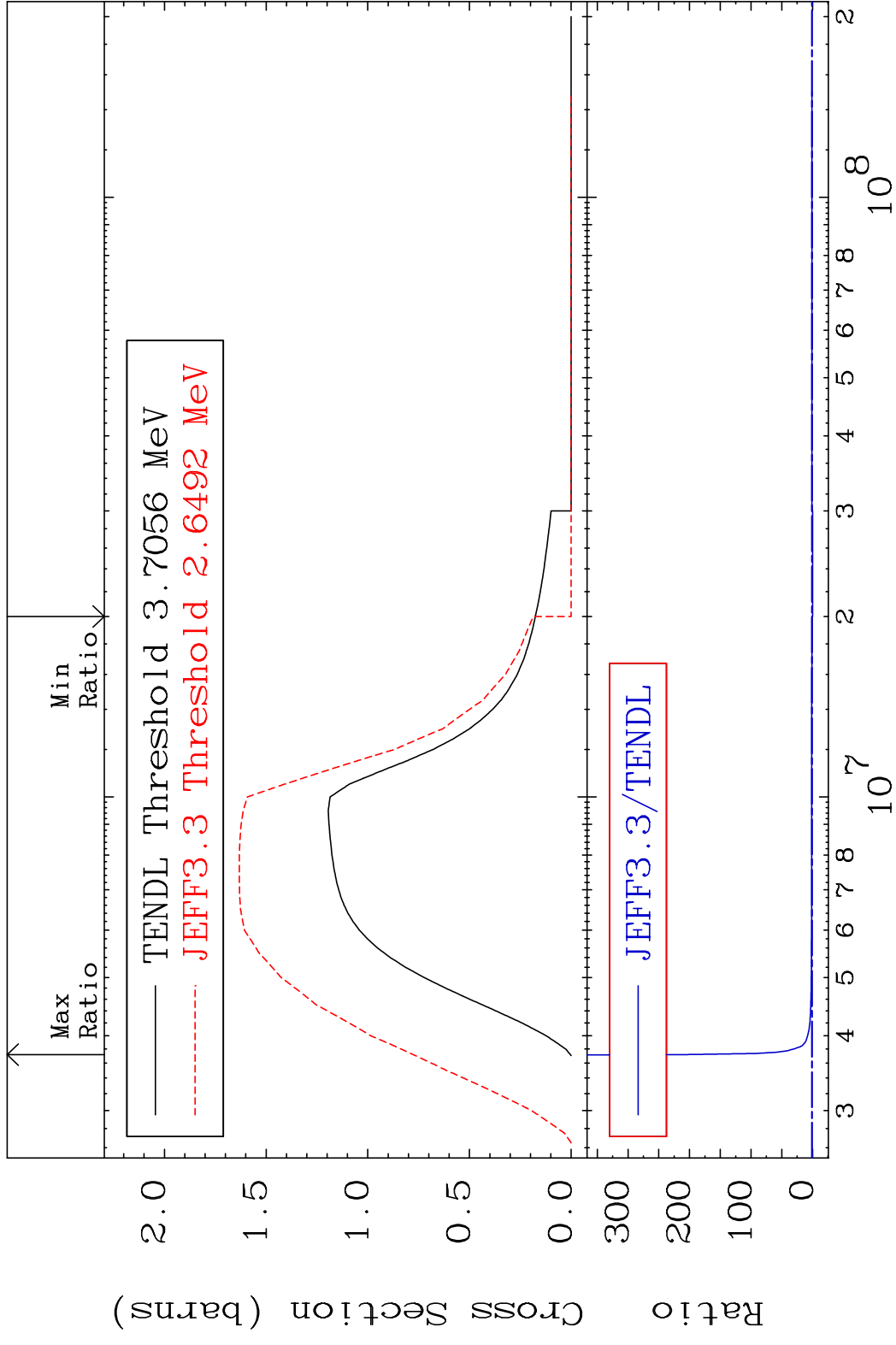


MAT 2843

(n,n') Continuum

28-Ni-64

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

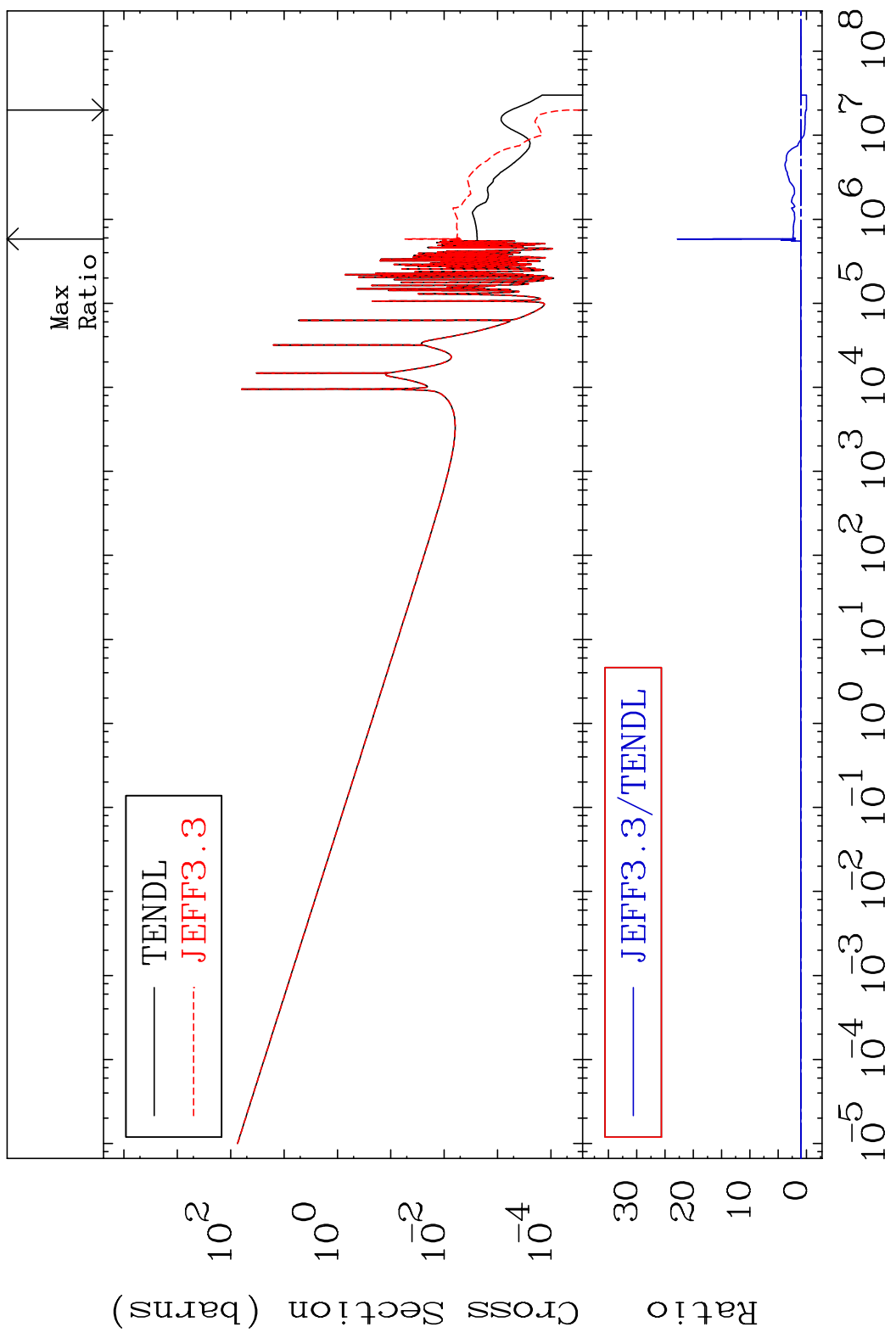
28-Ni-64

MAT 2843

(n, γ)

28-Ni-64

Cross Section -100.0 To 2185. %

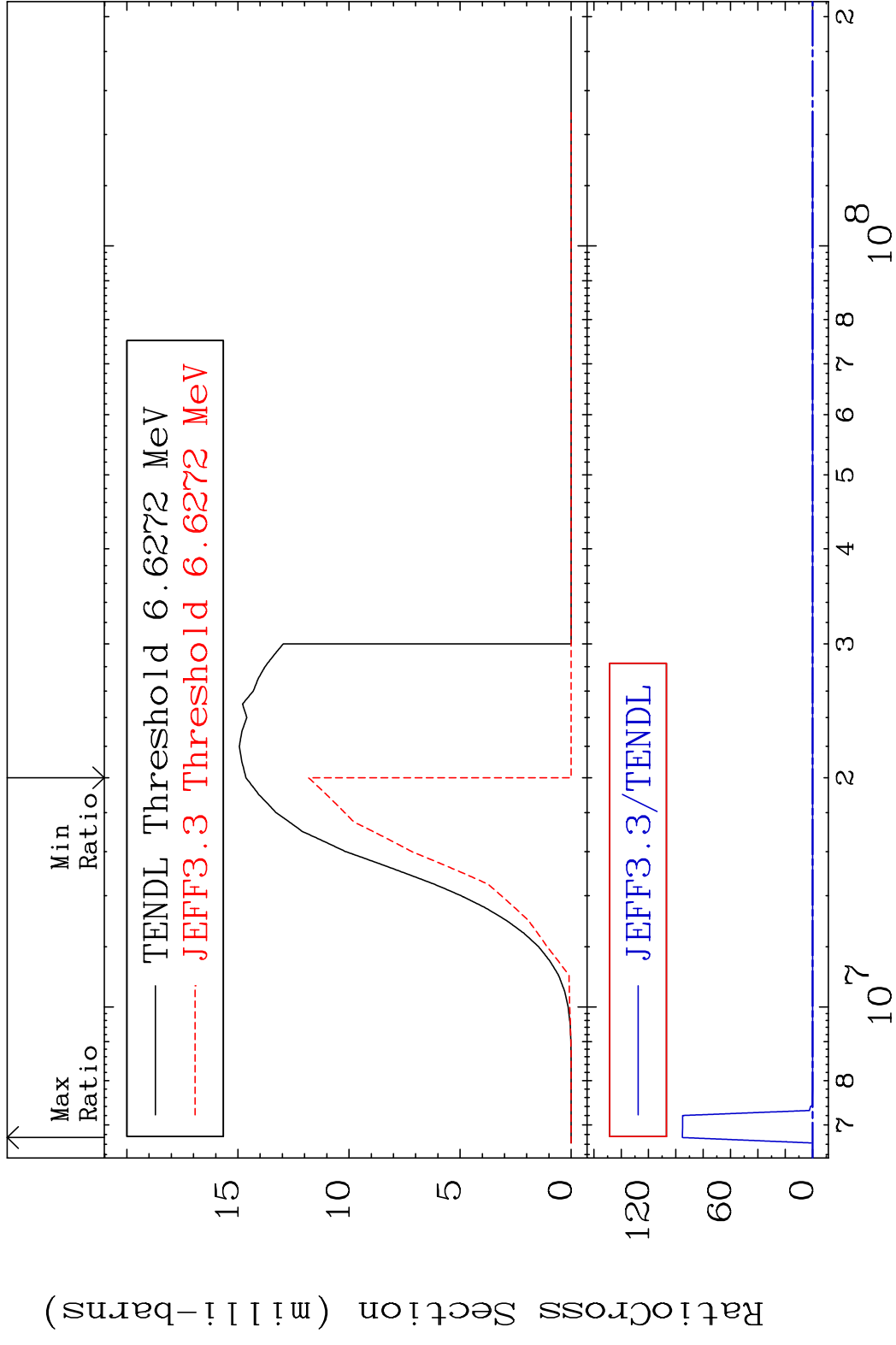


11

Incident Energy (eV)

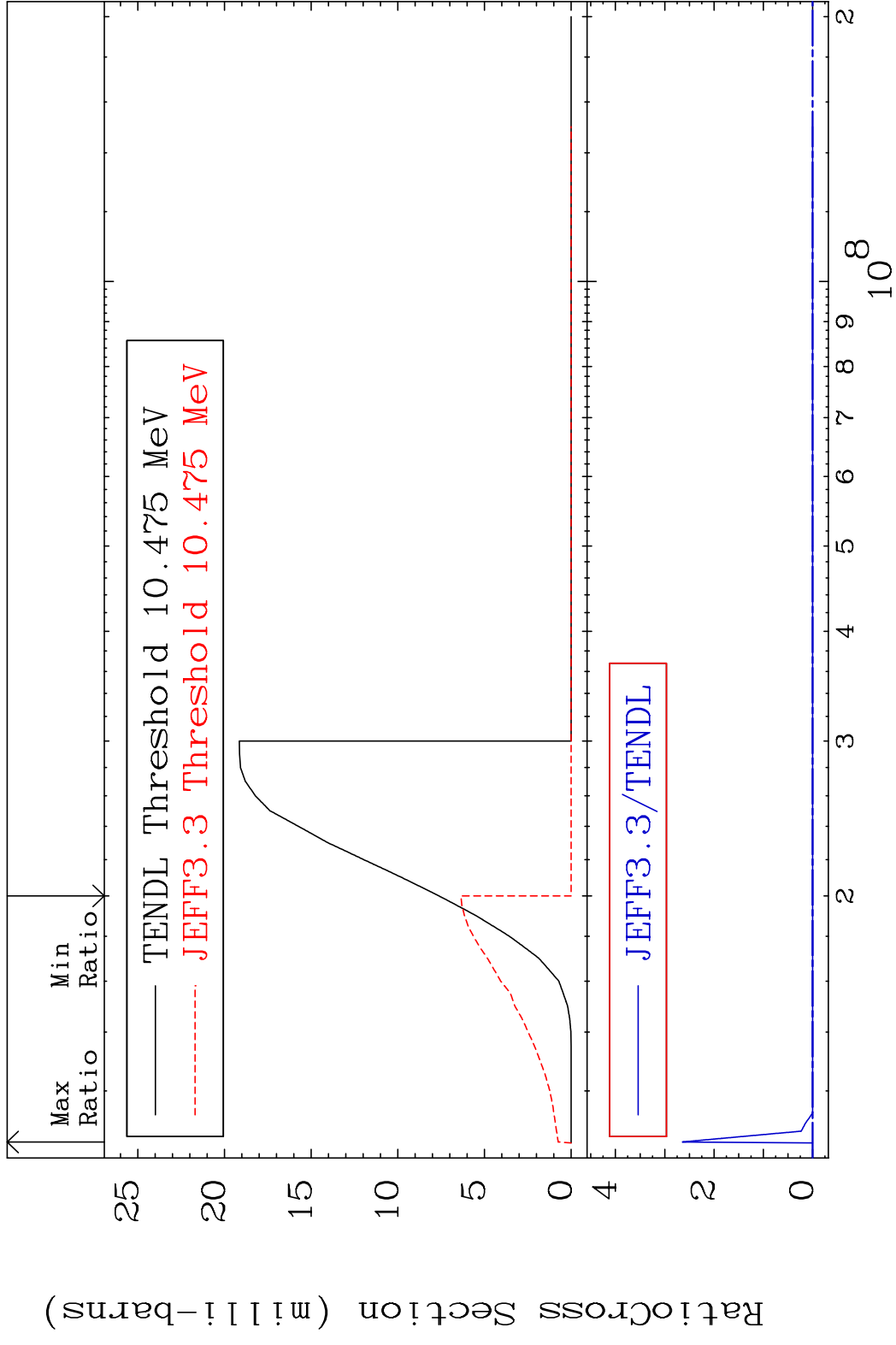
28-Ni-64

MAT 2843 (n,p) 28-Ni-64
 Cross Section -100.0 To 9999. %

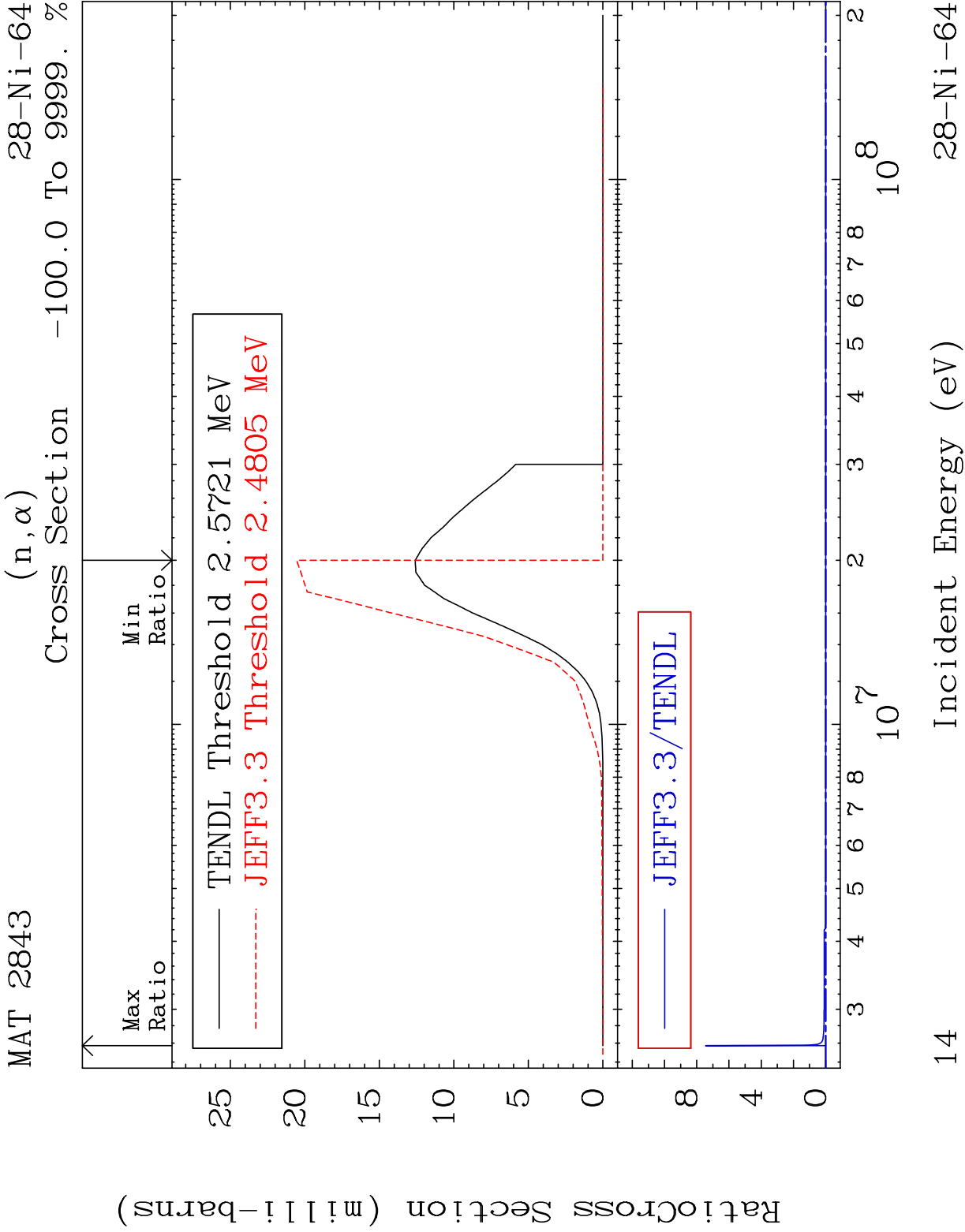


12 Incident Energy (eV) 28-Ni-64

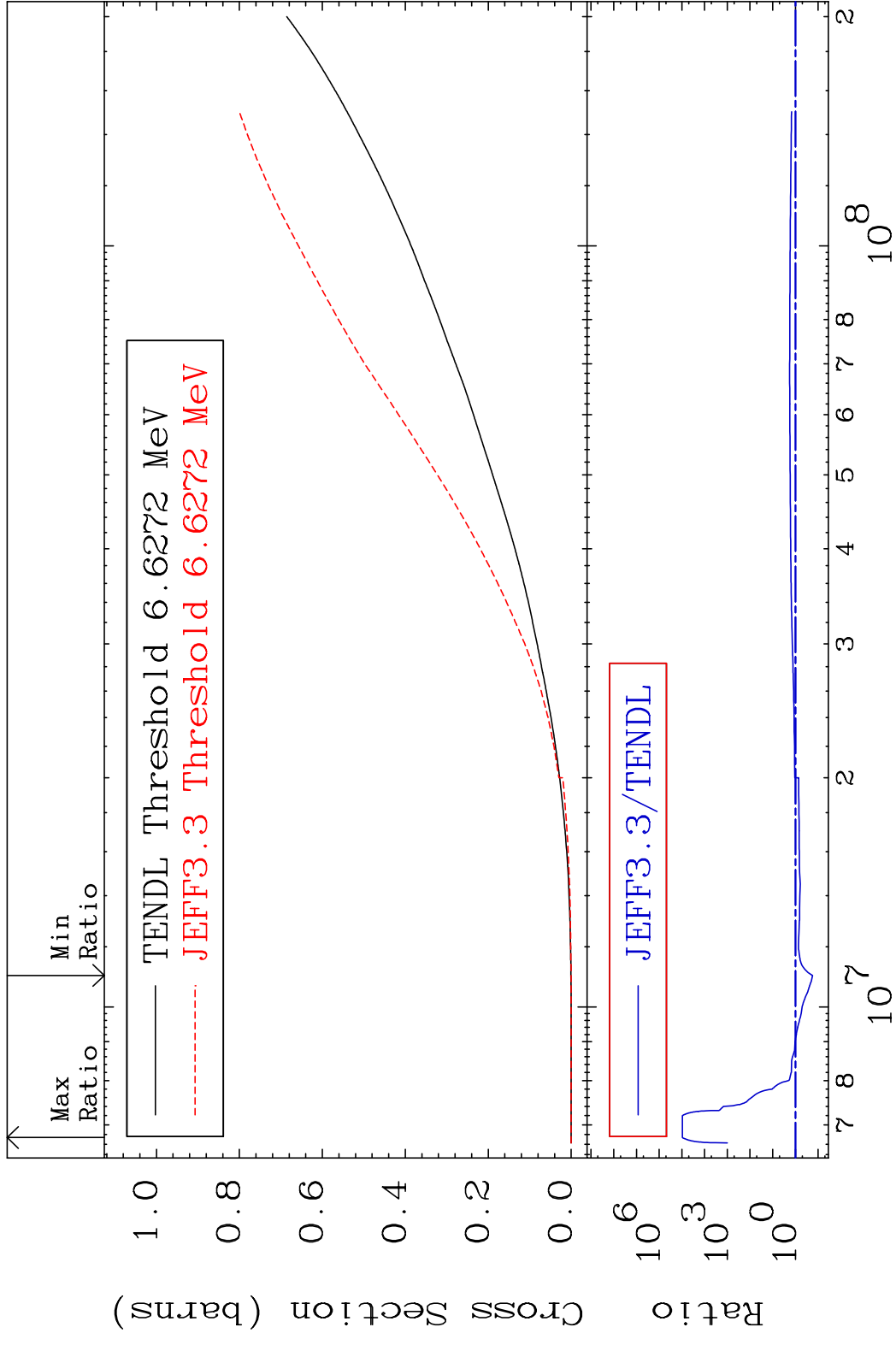
MAT 2843 (n,d) 28-Ni-64
 Cross Section -100.0 To 9999. %



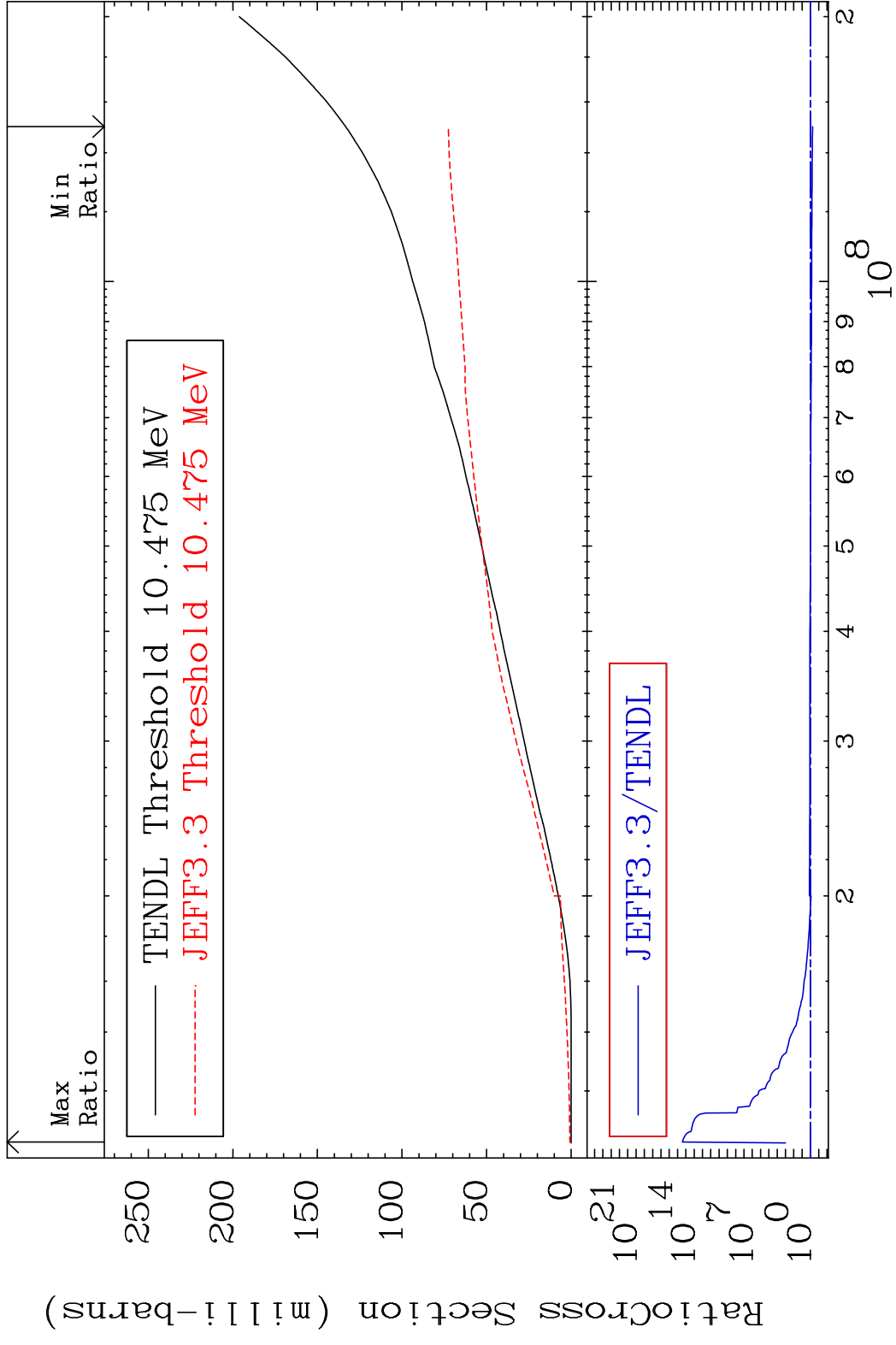
13 Incident Energy (eV) 28-Ni-64



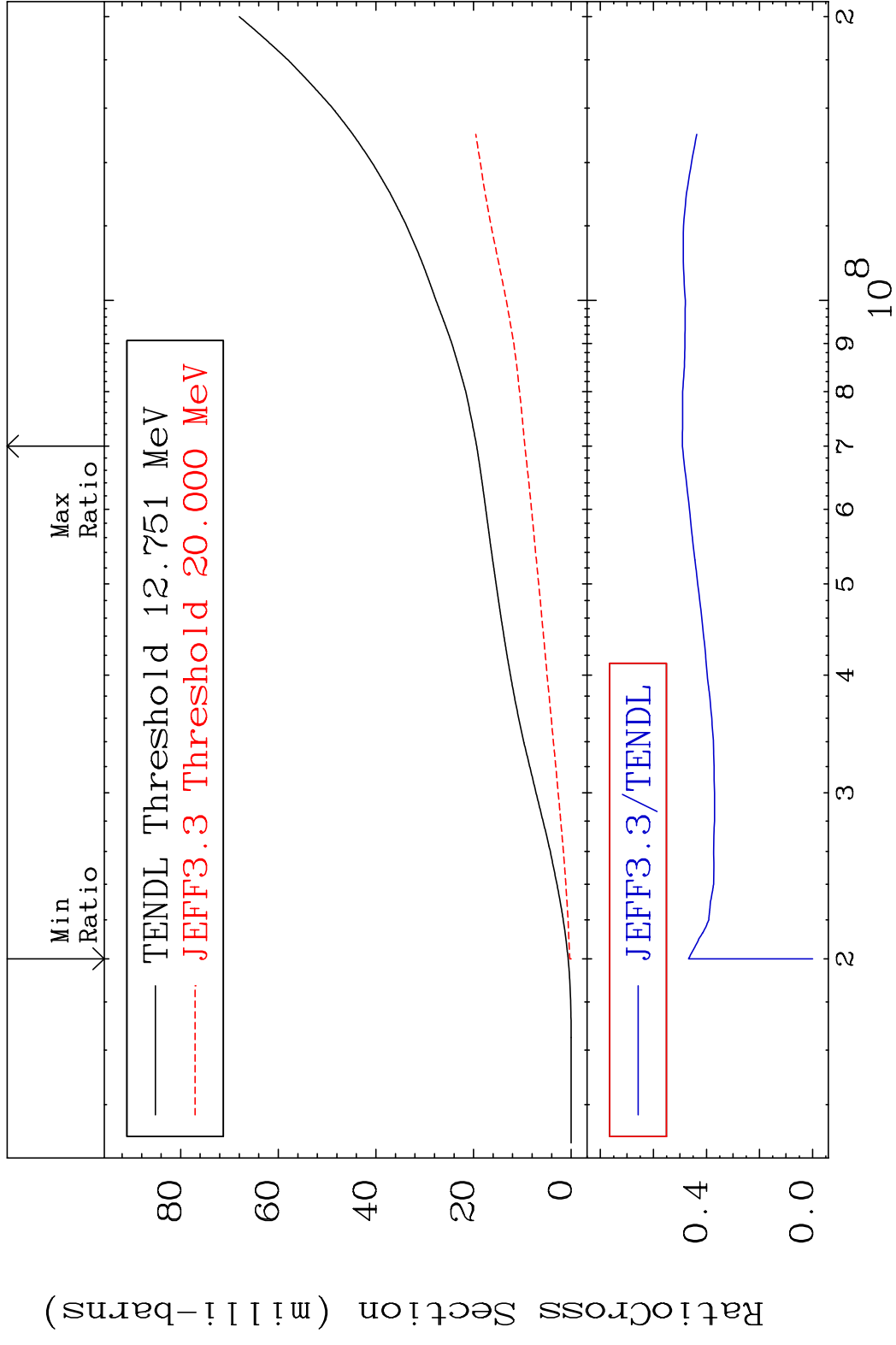
MAT 2843 Hydrogen Production 28-Ni-64
 Cross Section -82.40 To 9999. %



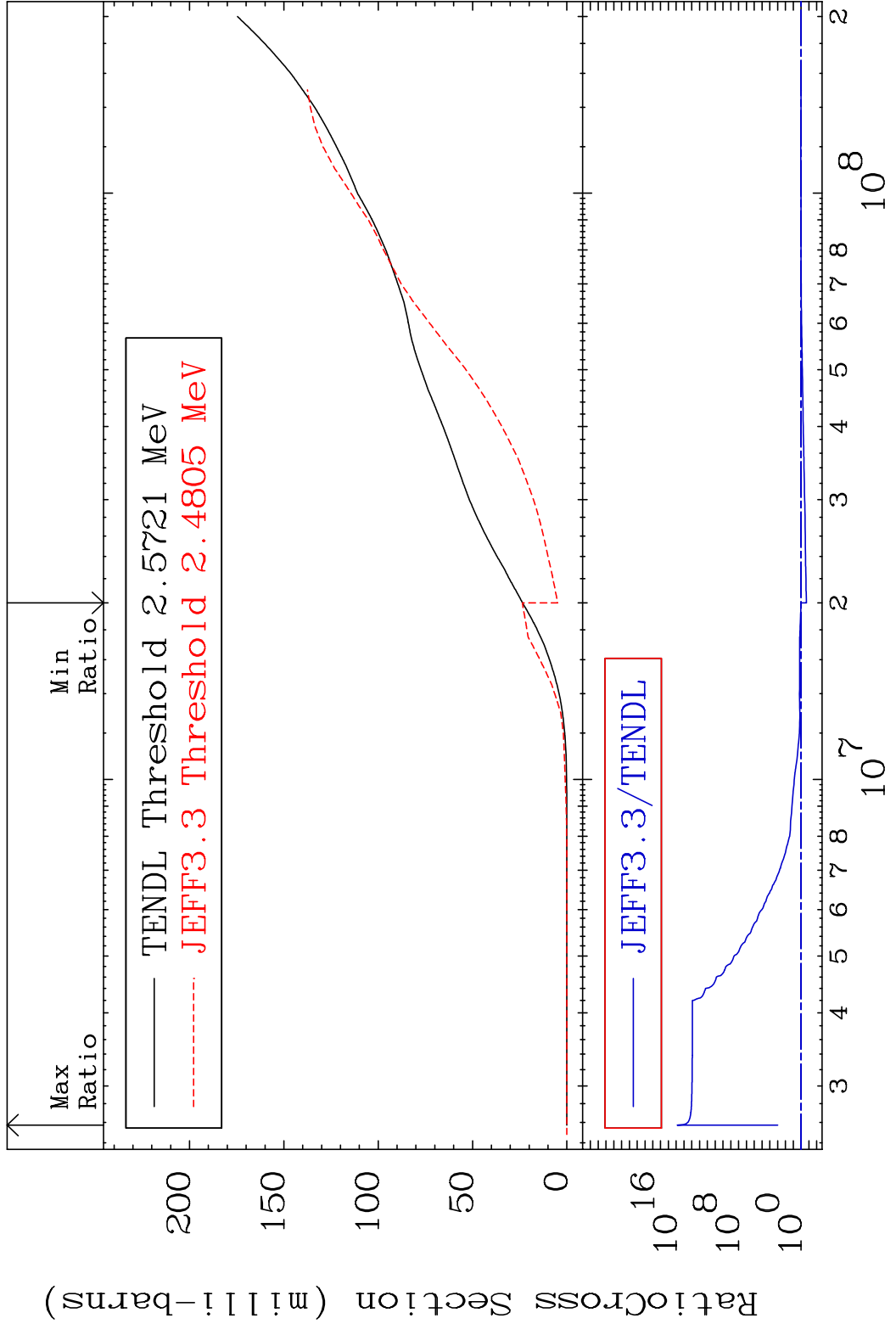
MAT 2843 Deuterium Production 28-Ni-64
 Cross Section -45.55 To 9999. %



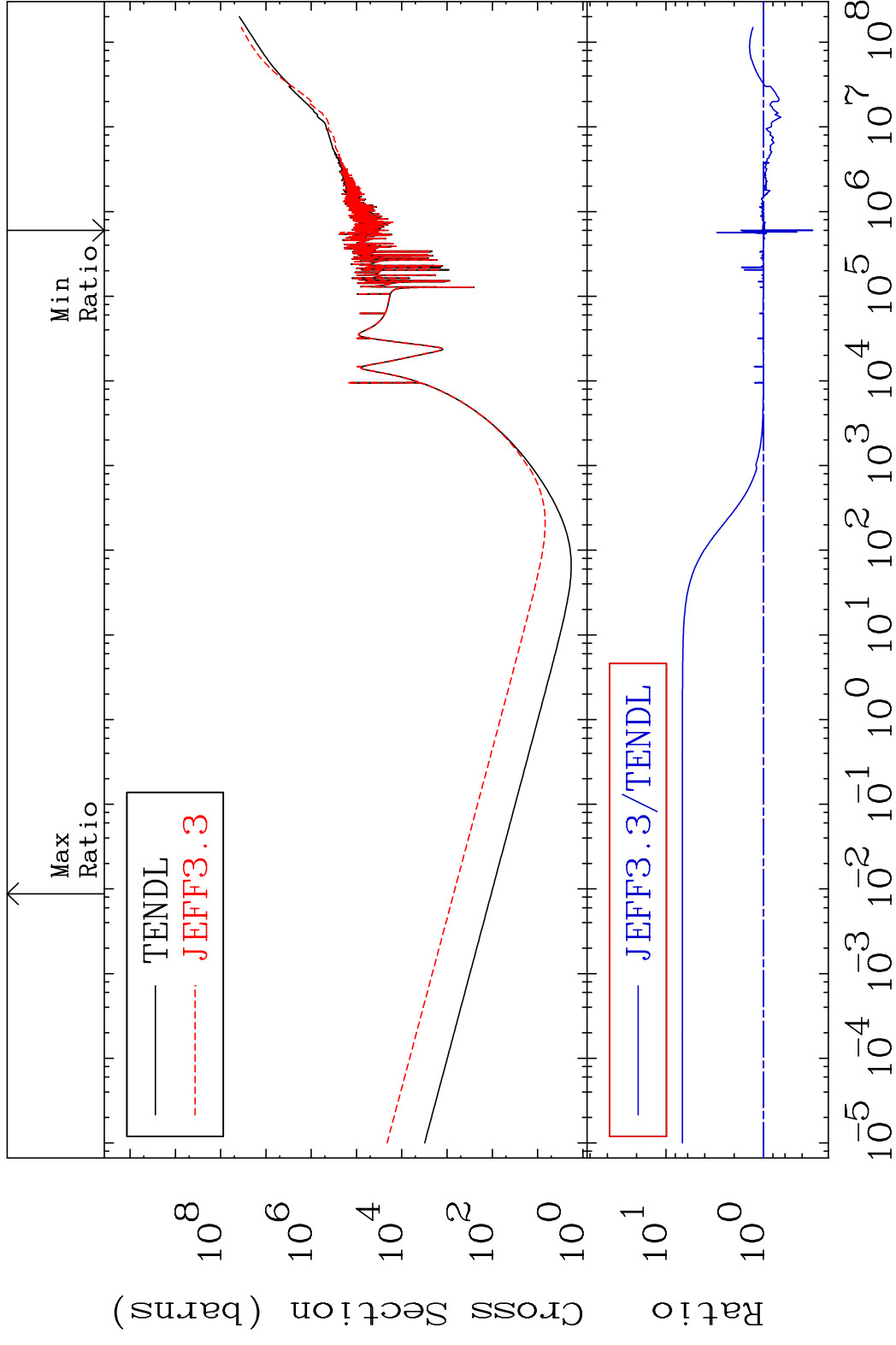
MAT 2843 Tritium Production 28-Ni-64
 Cross Section -100.0 To -50.90%



MAT 2843 He-4 Production 28-Ni-64
 Cross Section -79.22 To 9999. %



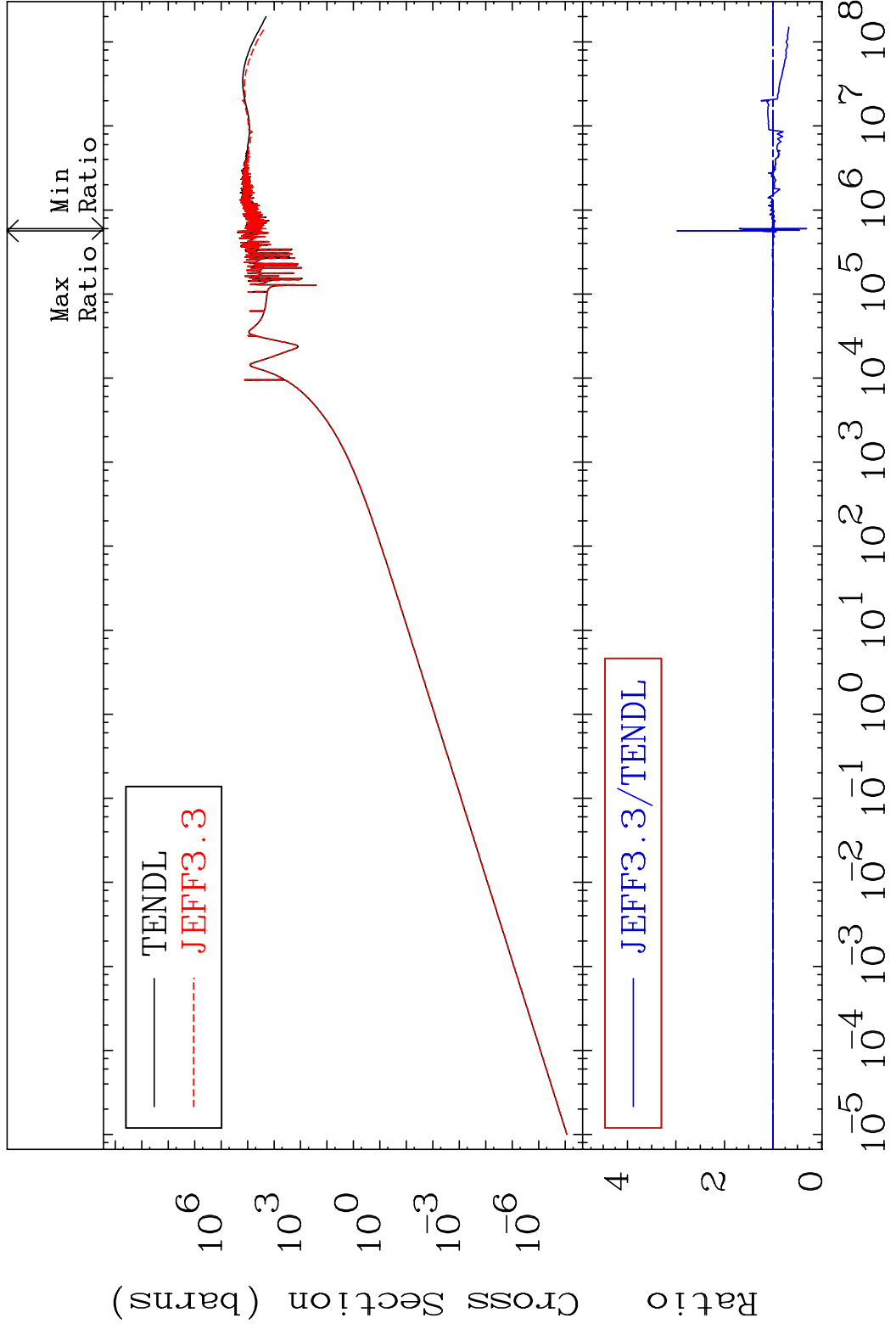
MAT 2843 Kerma total (eV-barns) 28-Ni-64
 Cross Section -68.69 To 578.5 %



MAT 2843

Kerma elastic
Cross Section

28-Ni-64
-68.78 To 197.4 %

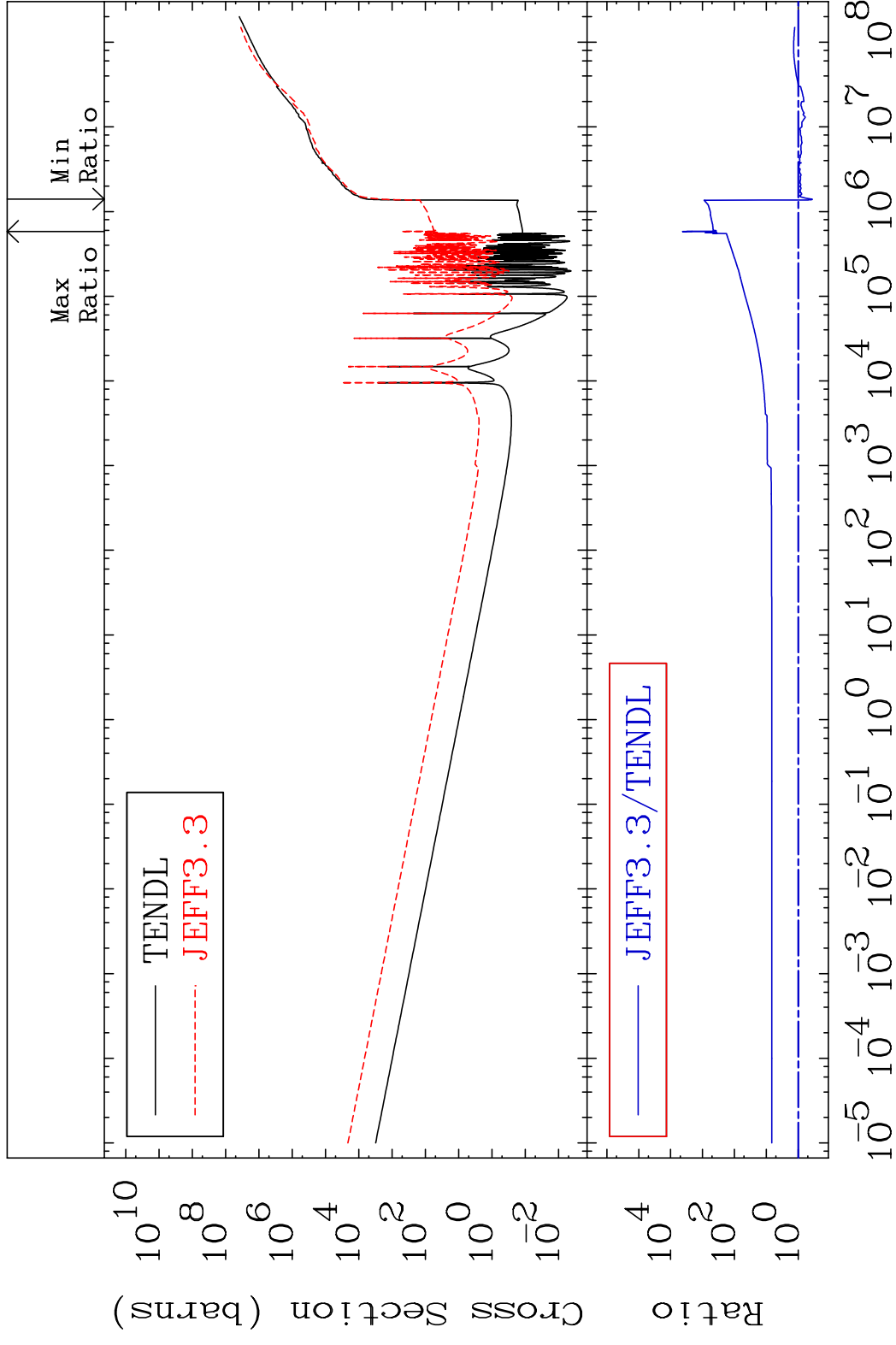


20

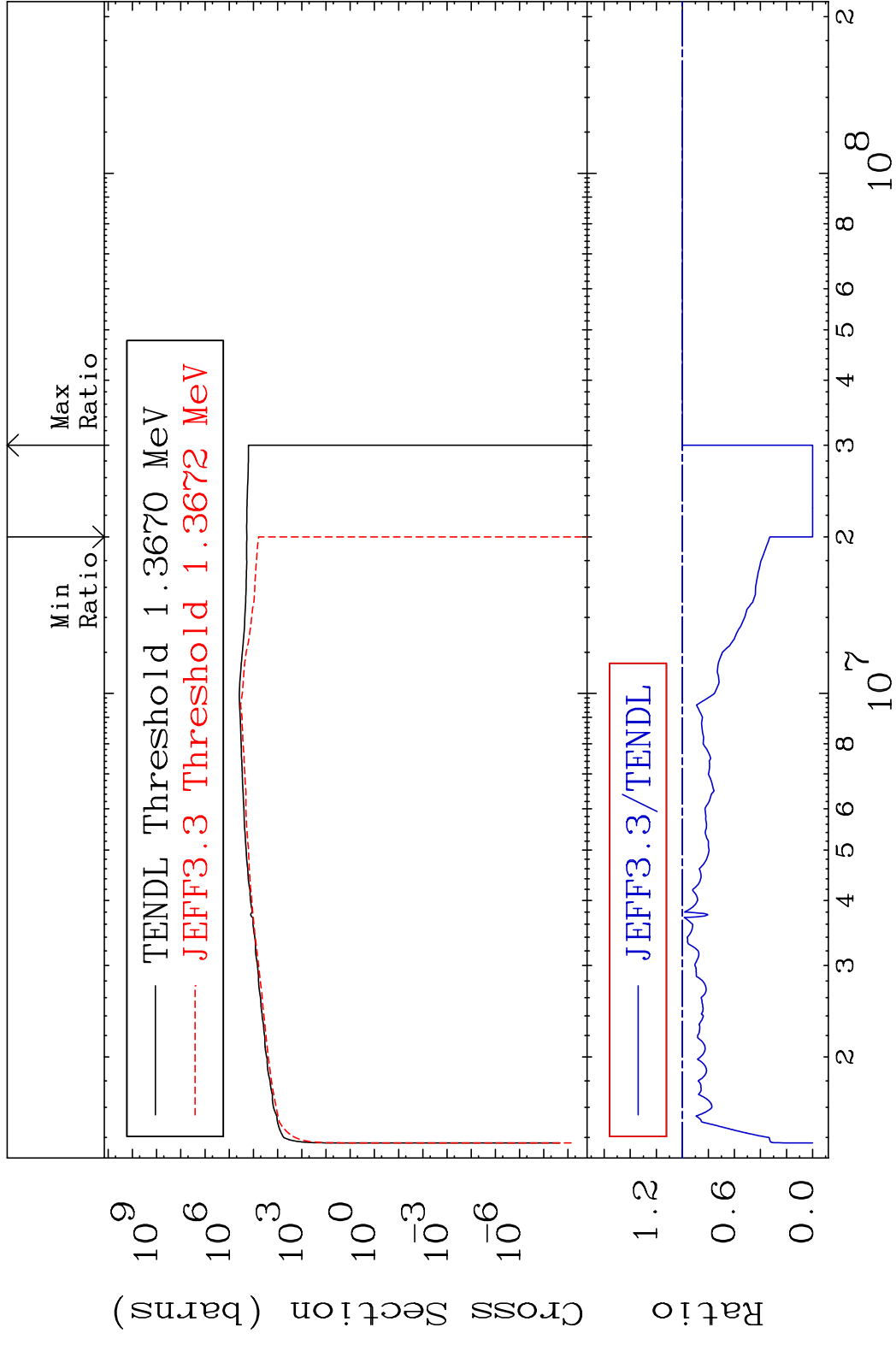
Incident Energy (eV)

28-Ni-64

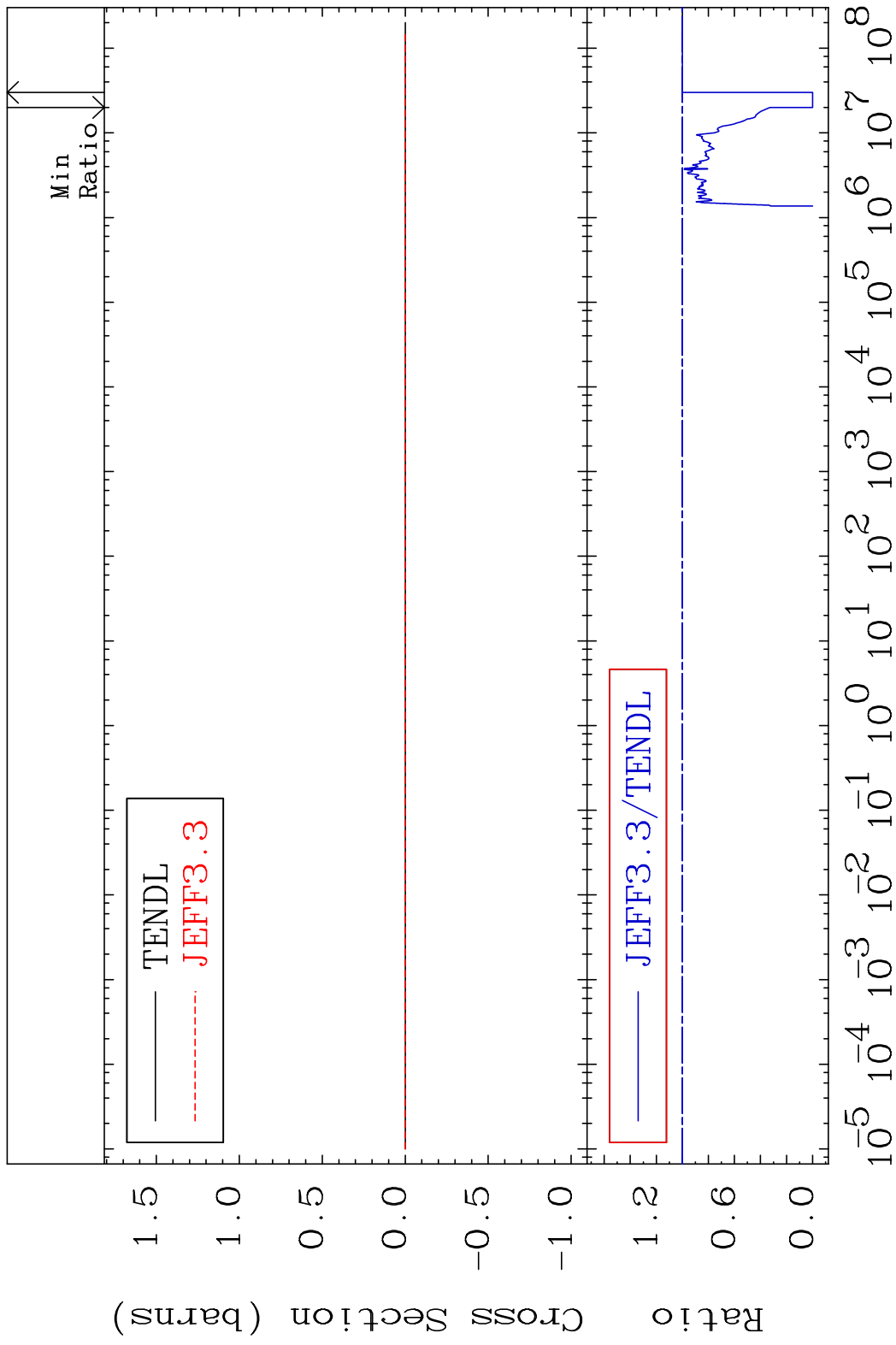
MAT 2843 Kerma non-elastic (all but mt2) 28-Ni-64
 Cross Section -64.55 To 9999. %



21 Incident Energy (eV) 28-Ni-64

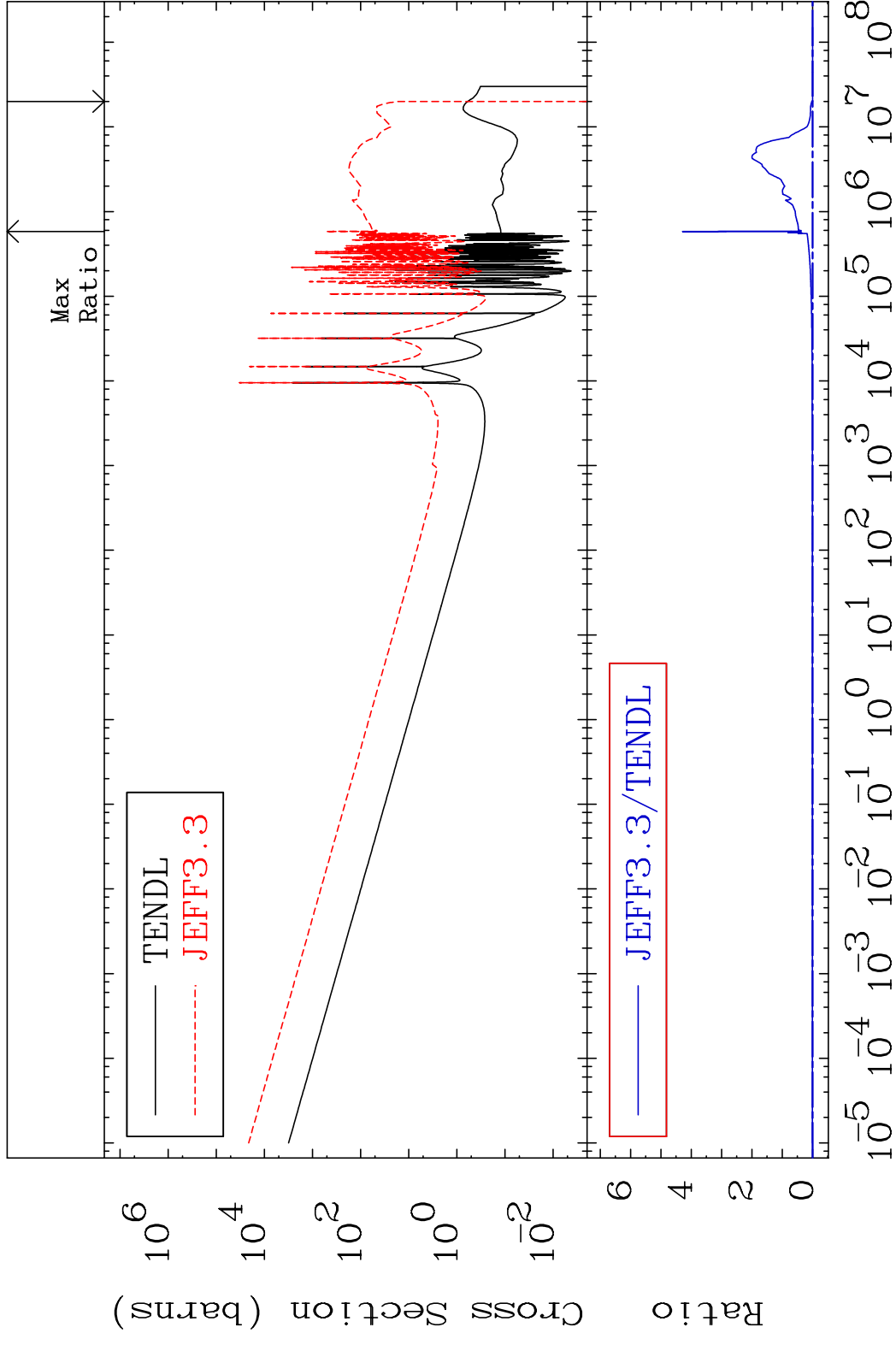


MAT 2843 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-64
 Cross Section -100.0 To 0.000 %



MAT 2843

Kerma capture (mt102) 28-Ni-64
Cross Section -100.0 To 9999. %



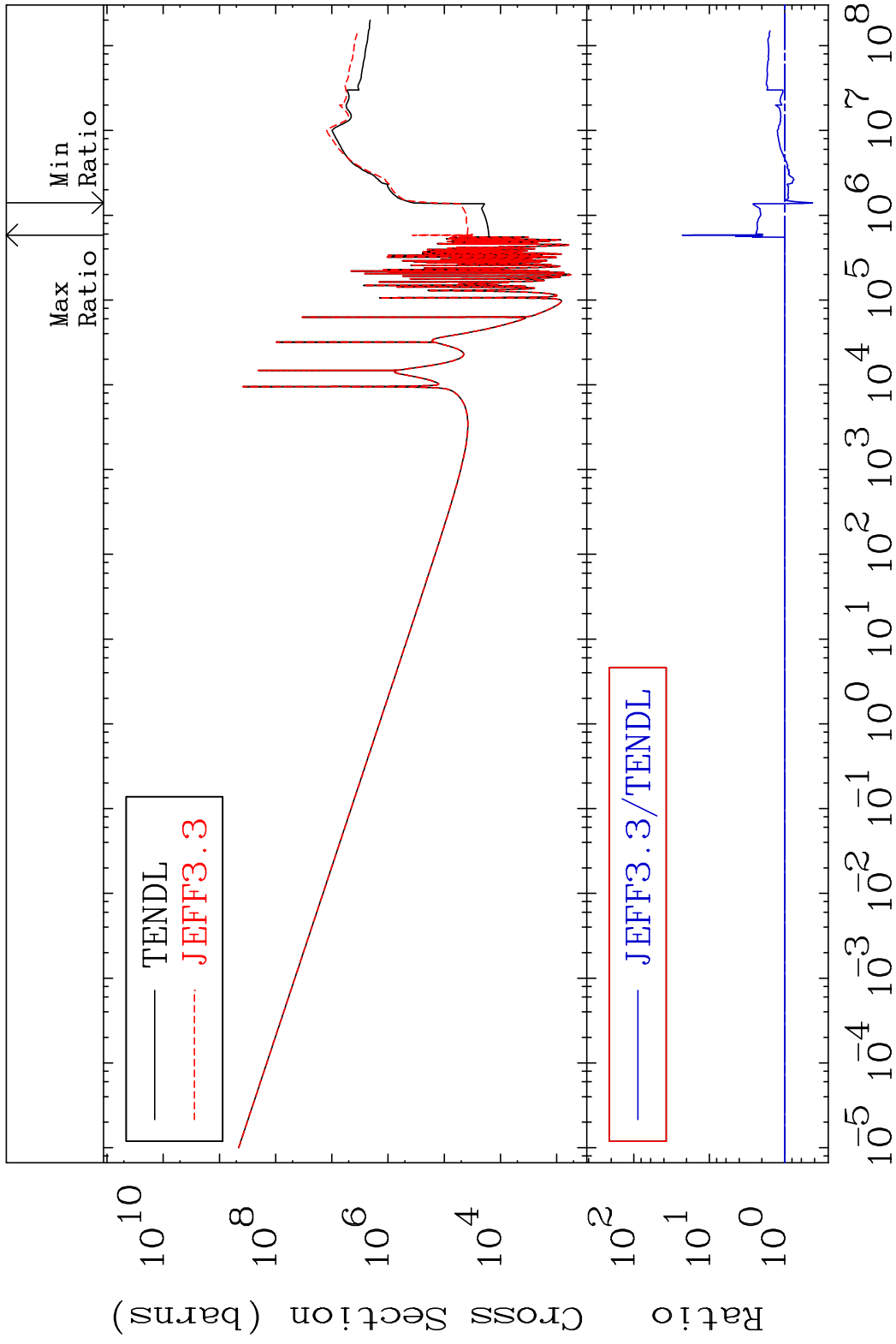
24

Incident Energy (eV)

28-Ni-64

MAT 2843

Total photon (eV-barns) 28-Ni-64
Cross Section -57.32 To 2188. %

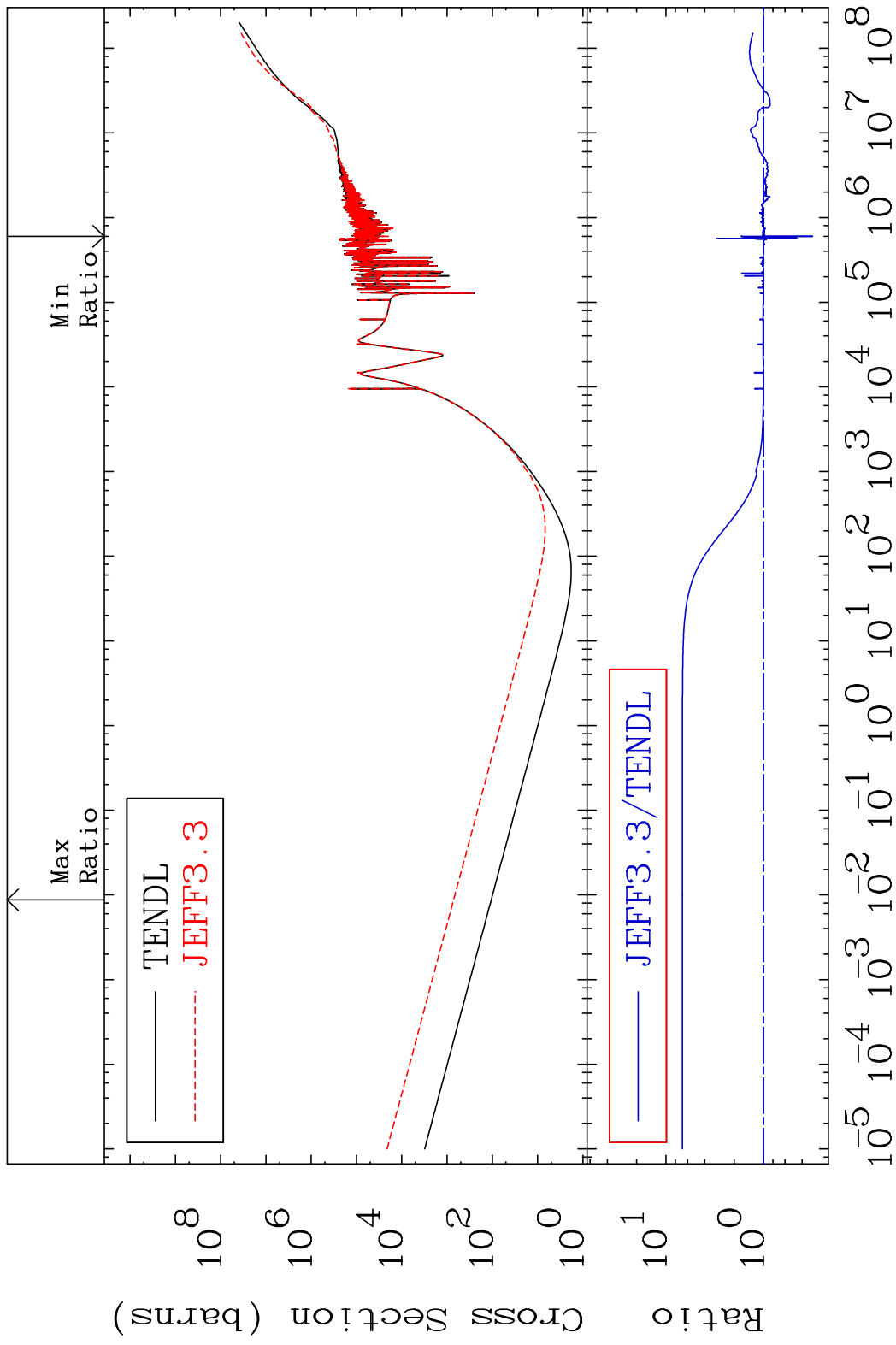


25

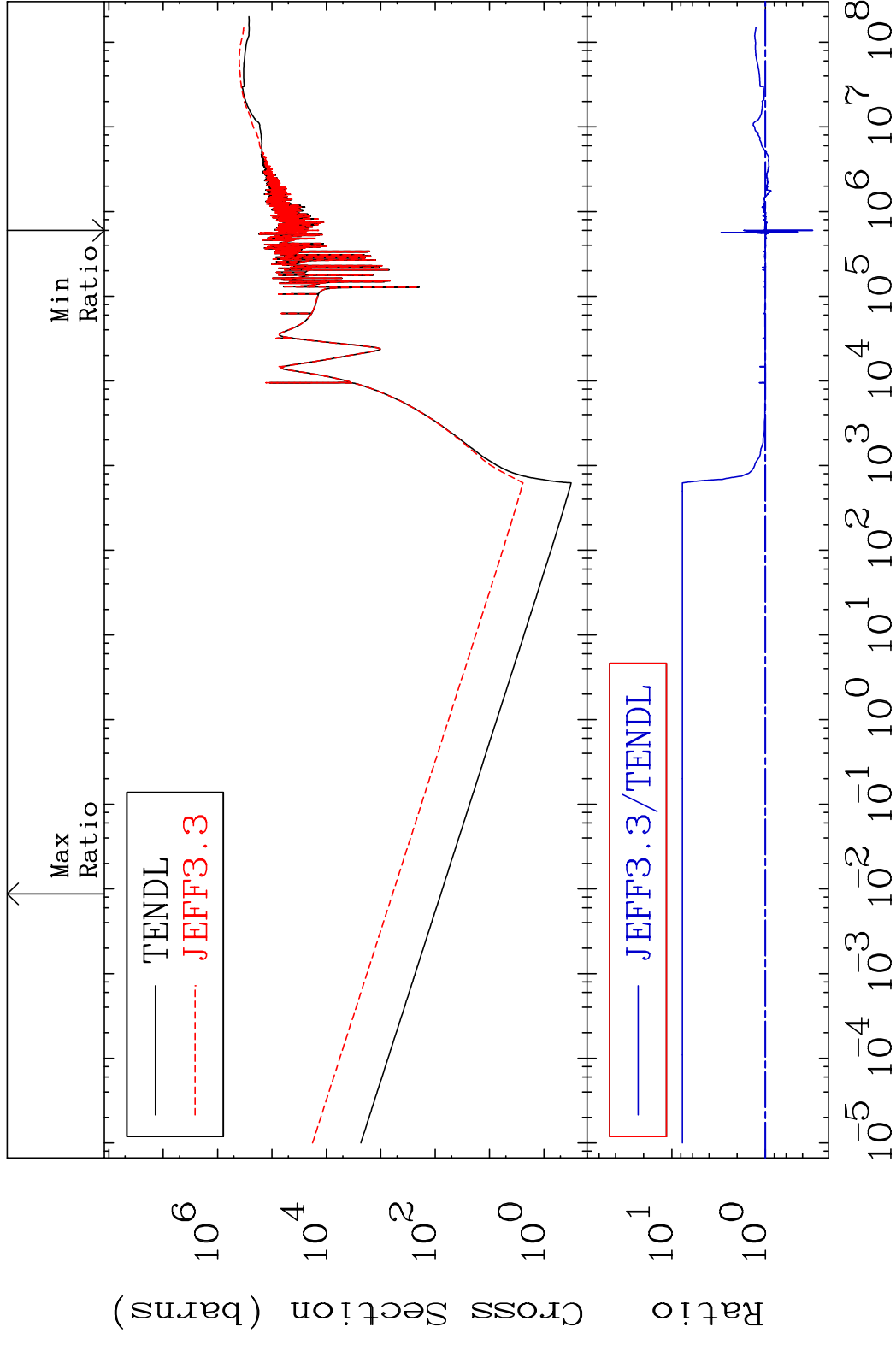
Incident Energy (eV)

28-Ni-64

MAT 2843 Total kinematic kerma (high limit) 28-Ni-64
 Cross Section -68.69 To 578.5 %



MAT 2843 Dpa total (eV-barns) 28-Ni-64
 Cross Section -68.77 To 671.1 %

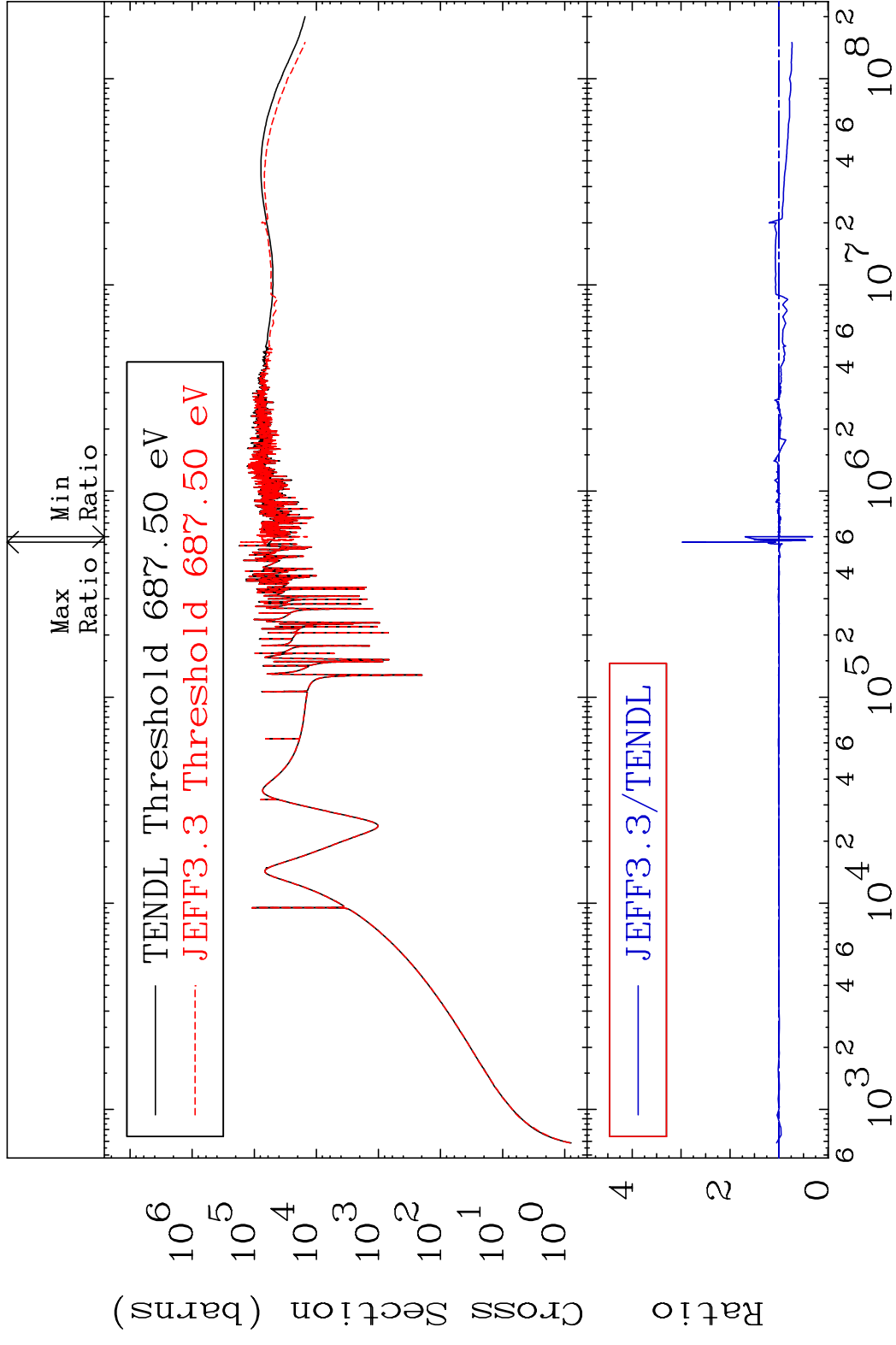


MAT 2843

Dpa elastic (mt2)

28-Ni-64

Cross Section -68.77 To 197.5 %

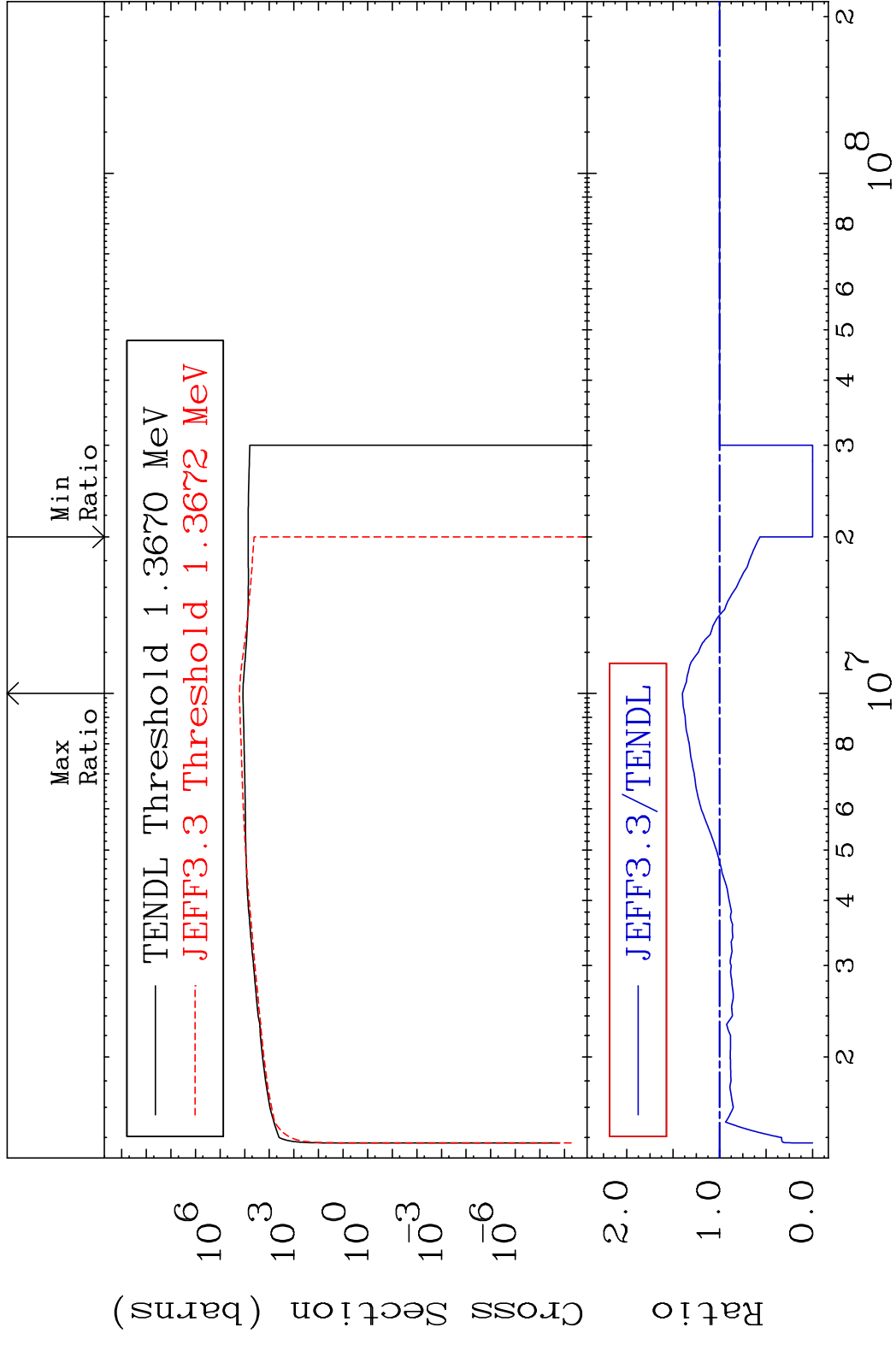


28

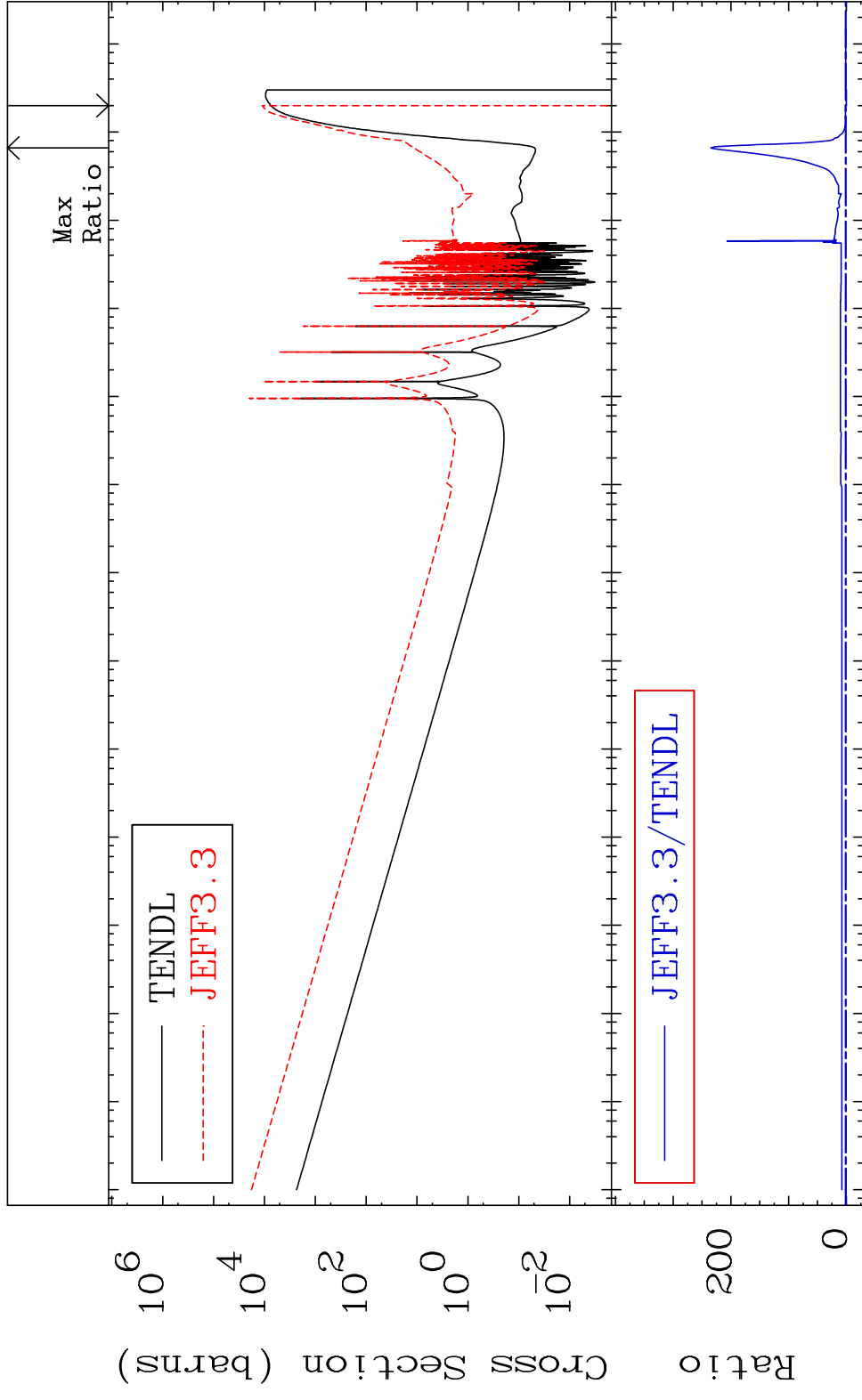
Incident Energy (eV)

28-Ni-64

MAT 2843 Dpa inelastic (mt51-91) ²⁸Ni-64
 Cross Section -100.0 To 40.08 %

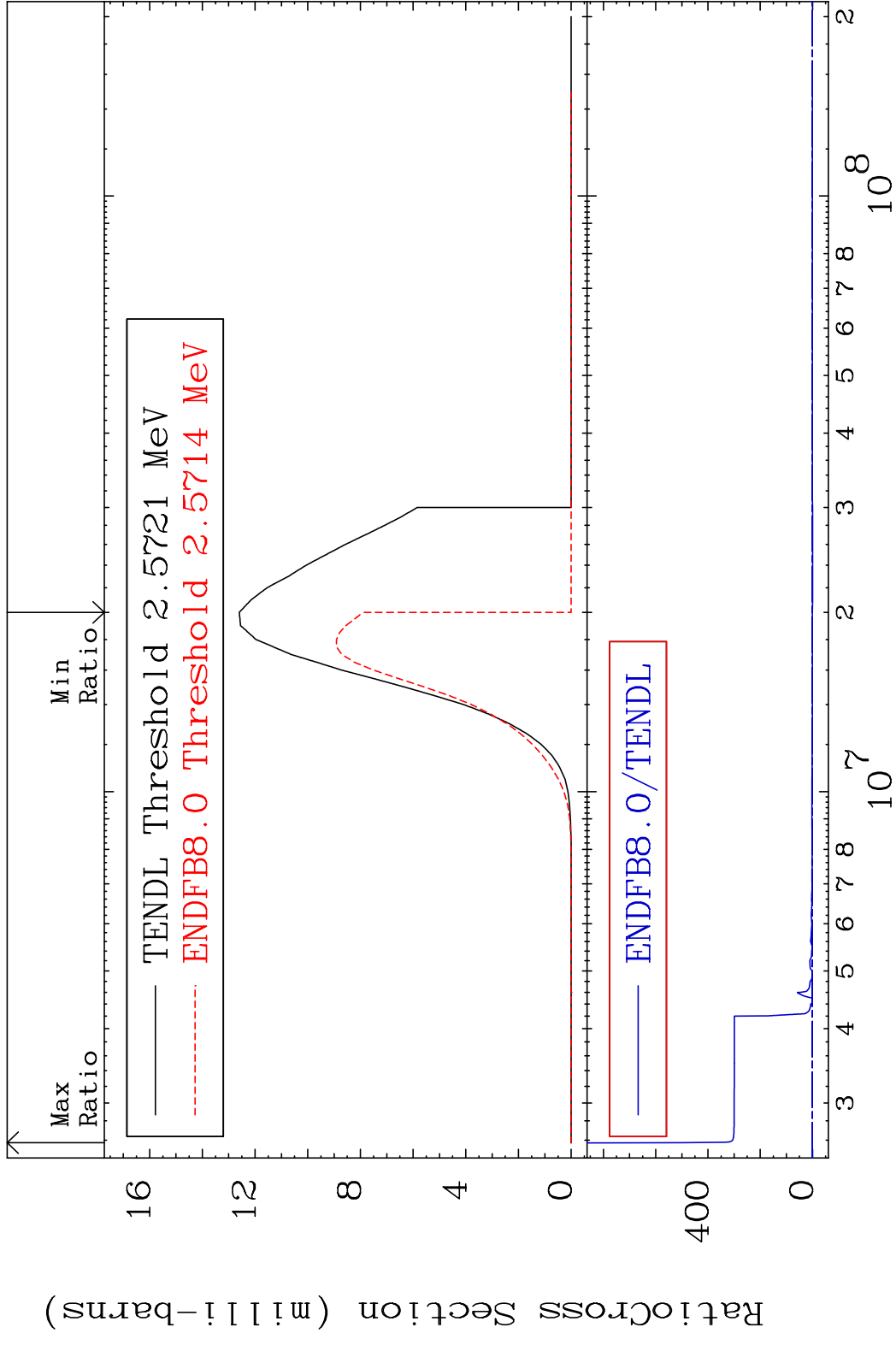


MAT 2843 Dpa disappearance (mt102 -120) 28-Ni-64
 Cross Section -100.0 To 9999. %

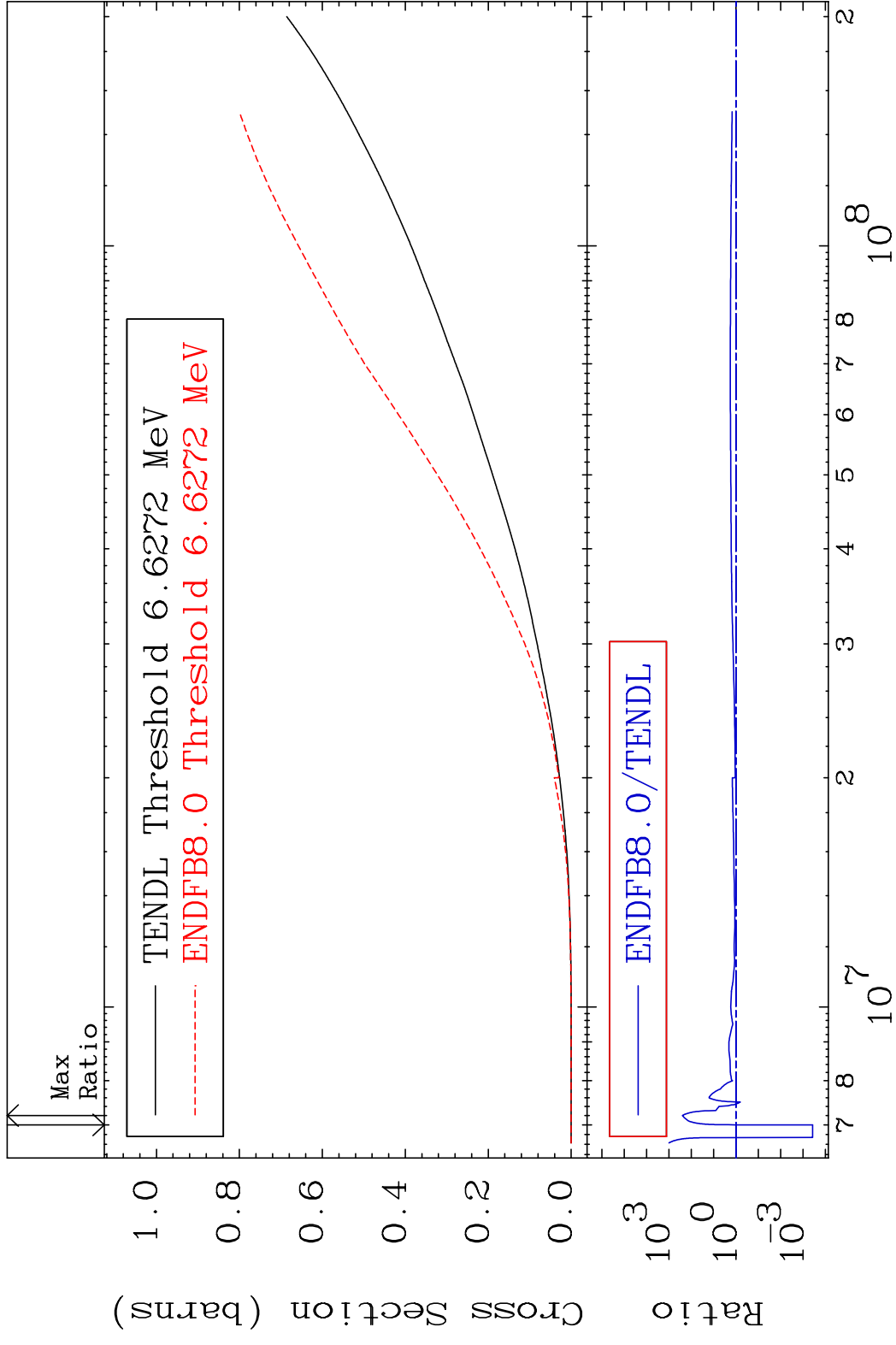


30 Incident Energy (eV) 28-Ni-64

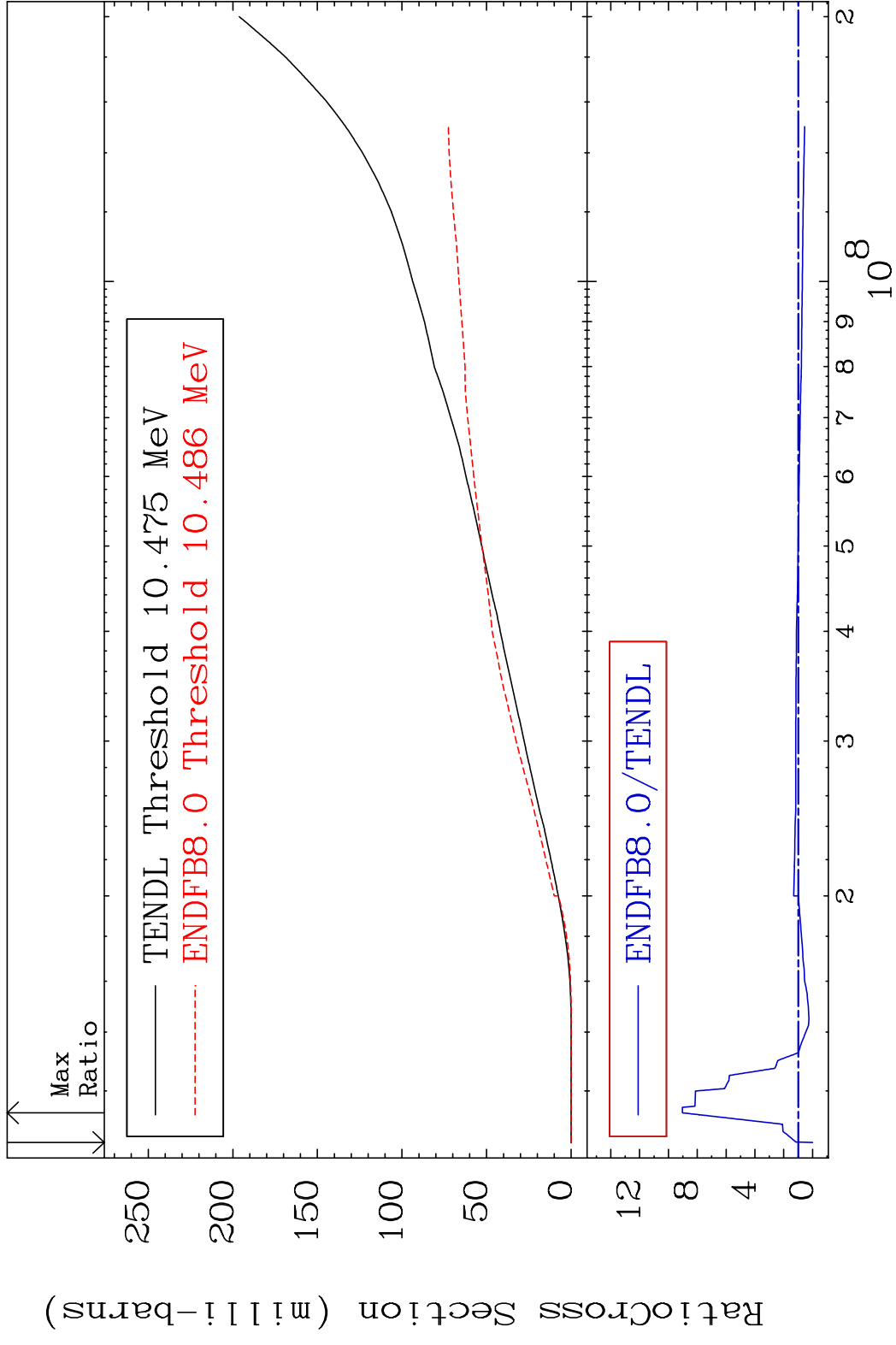
MAT 2843 (n,α) 28-Ni-64
 Cross Section -100.0 To 9999. %



MAT 2843 Hydrogen Production 28-Ni-64
 Cross Section -99.96 To 9999. %

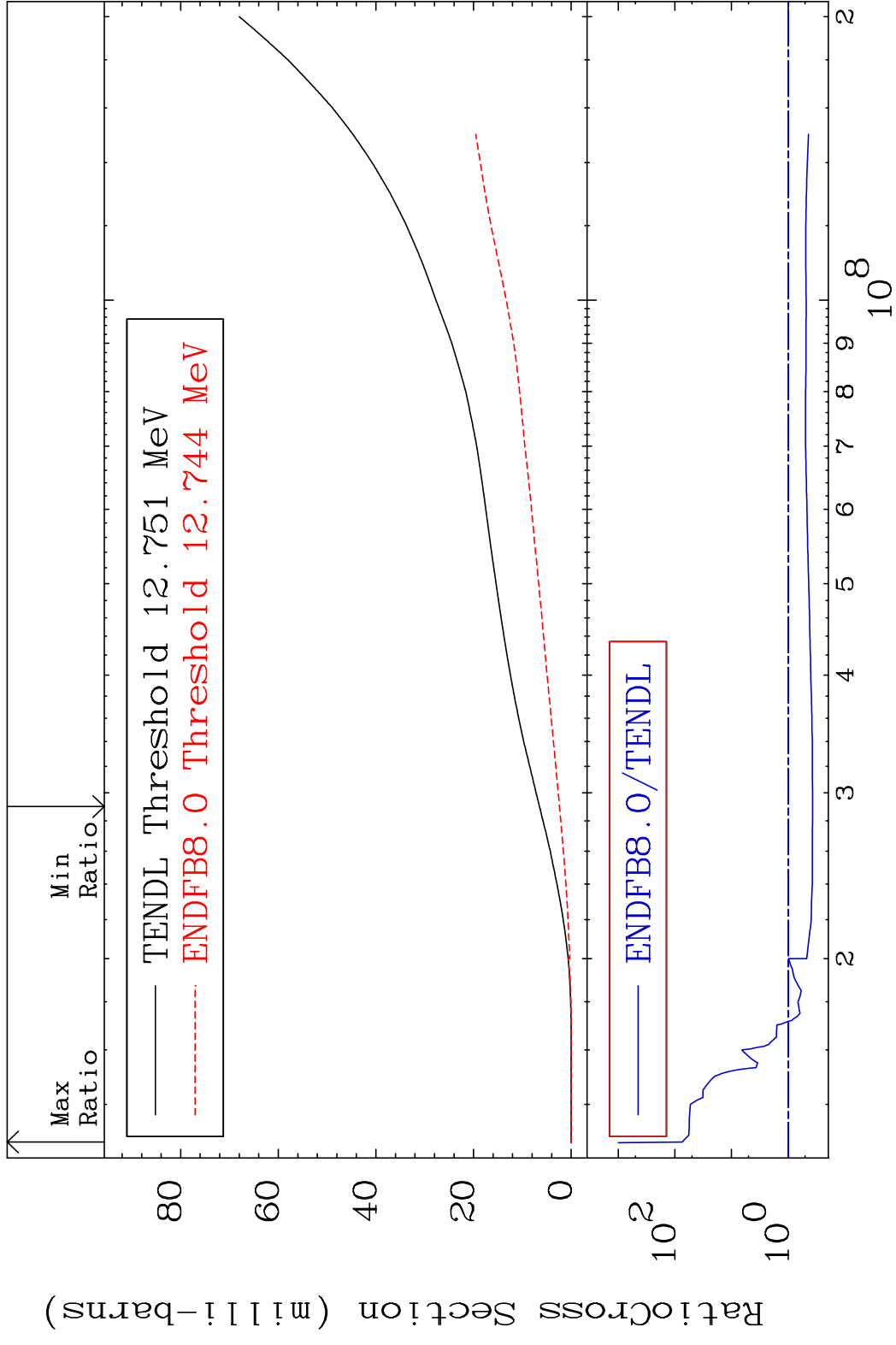


MAT 2843 Deuterium Production $^{28}\text{Ni-64}$
 Cross Section -100.0 To 803.4 %



MAT 2843

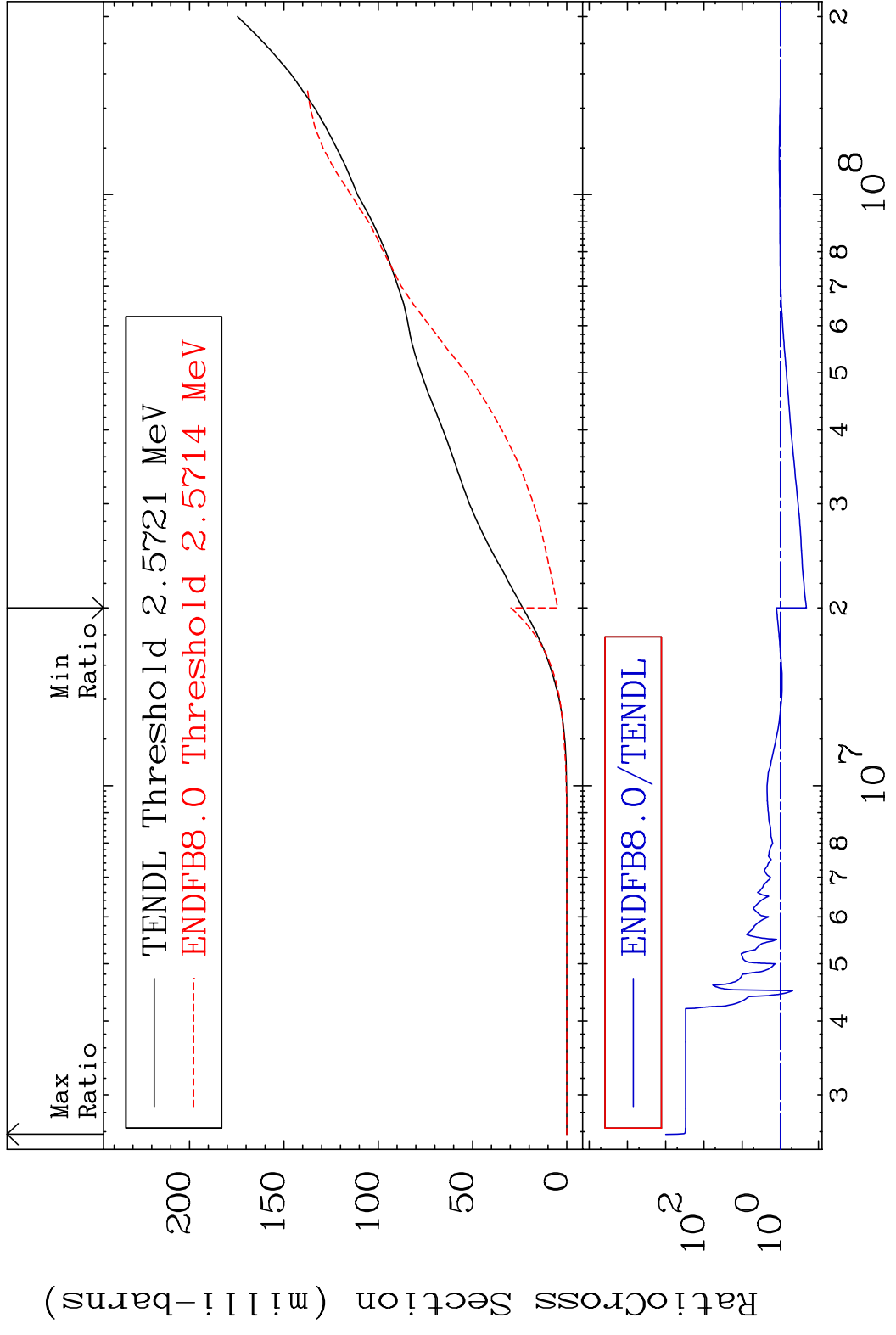
Tritium Production 28-Ni-64
Cross Section -63.03 To 7293. %



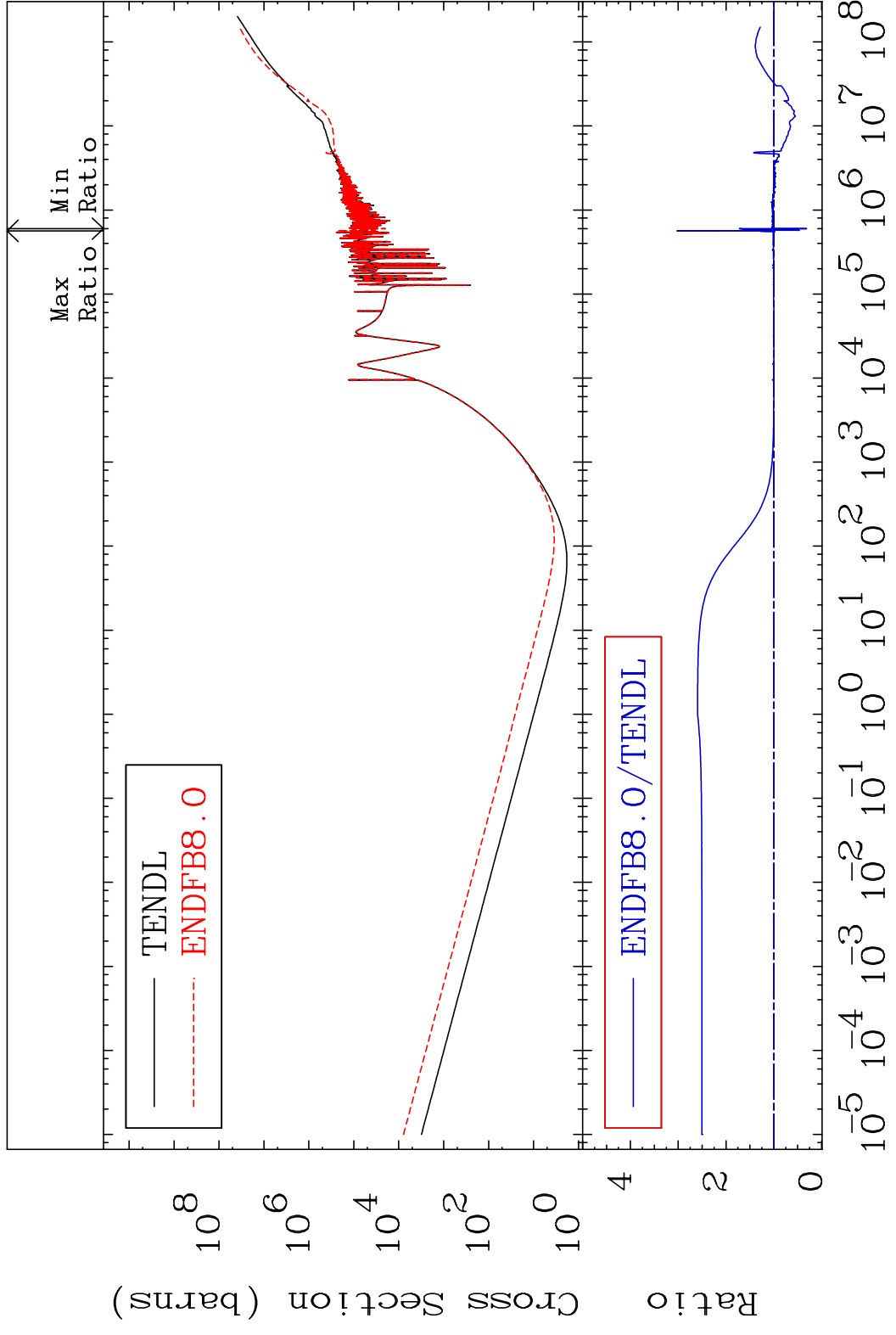
34

Incident Energy (eV) 28-Ni-64

MAT 2843 He-4 Production 28-Ni-64
 Cross Section -79.22 To 9999. %



MAT 2843 Kerma total (eV-barns) 28-Ni-64
 Cross Section -68.21 To 202.1 %

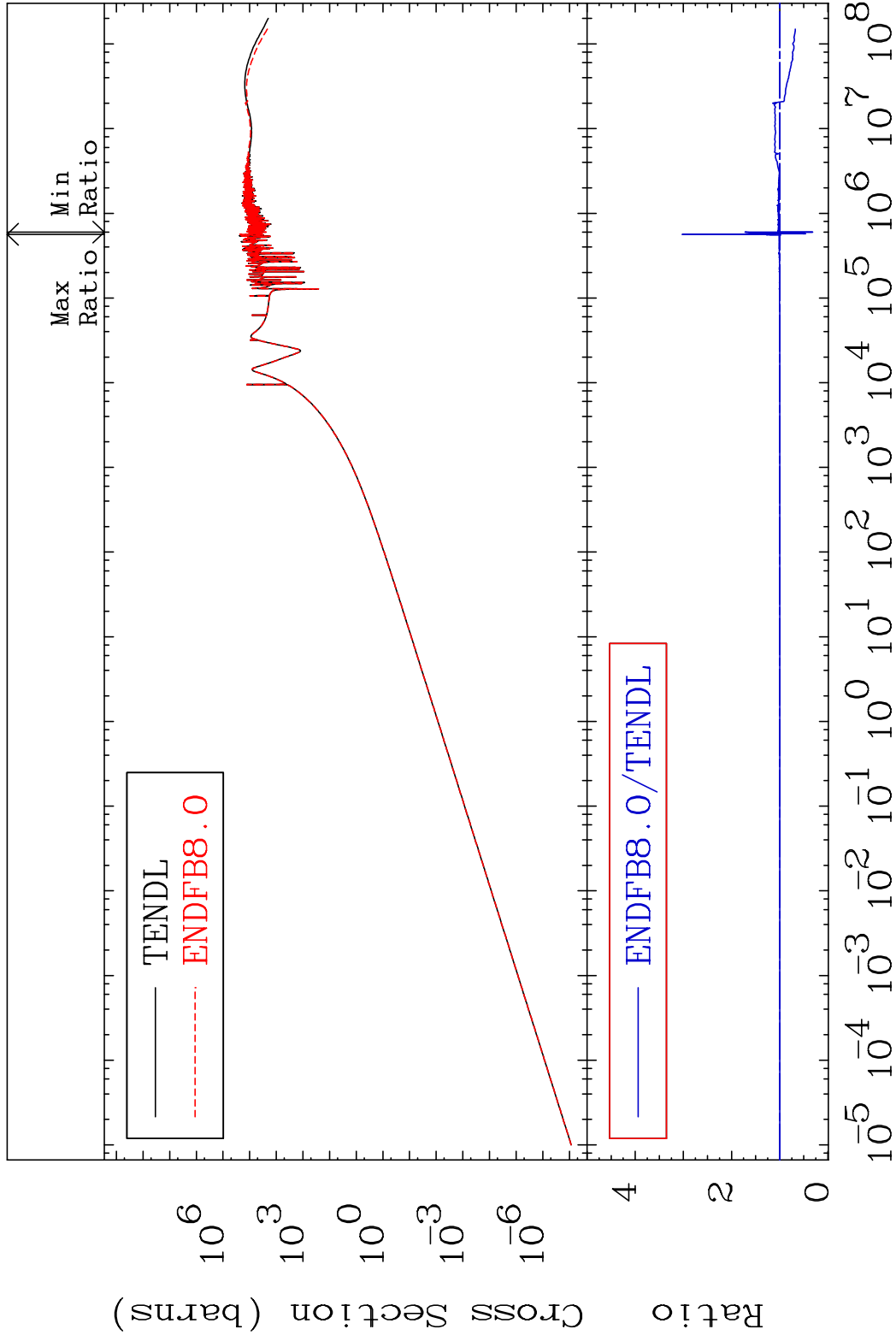


36 Incident Energy (eV) 28-Ni-64

MAT 2843

Kerma elastic
Cross Section

28-Ni-64
-68.21 To 202.1 %

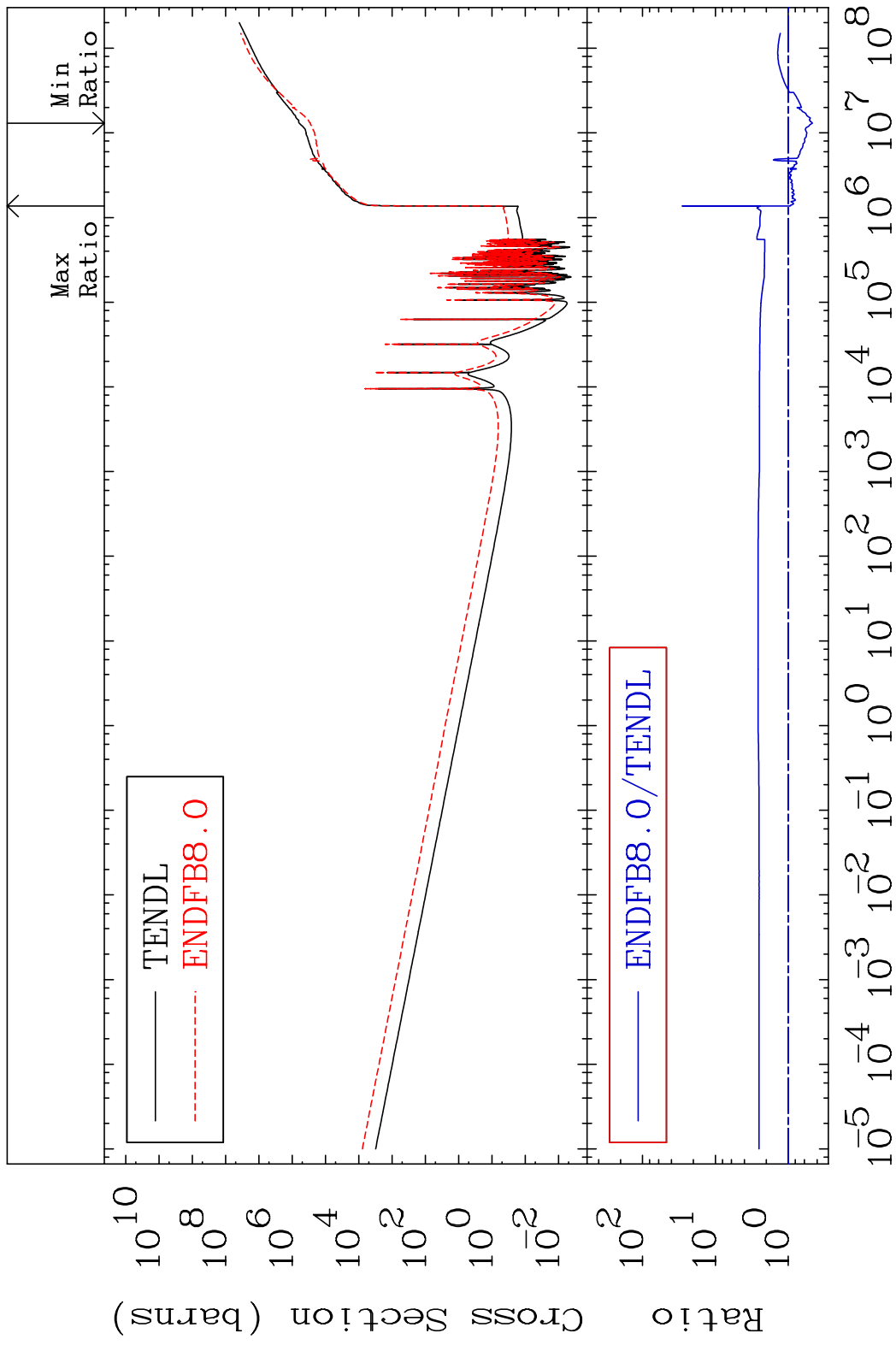


37

Incident Energy (eV)

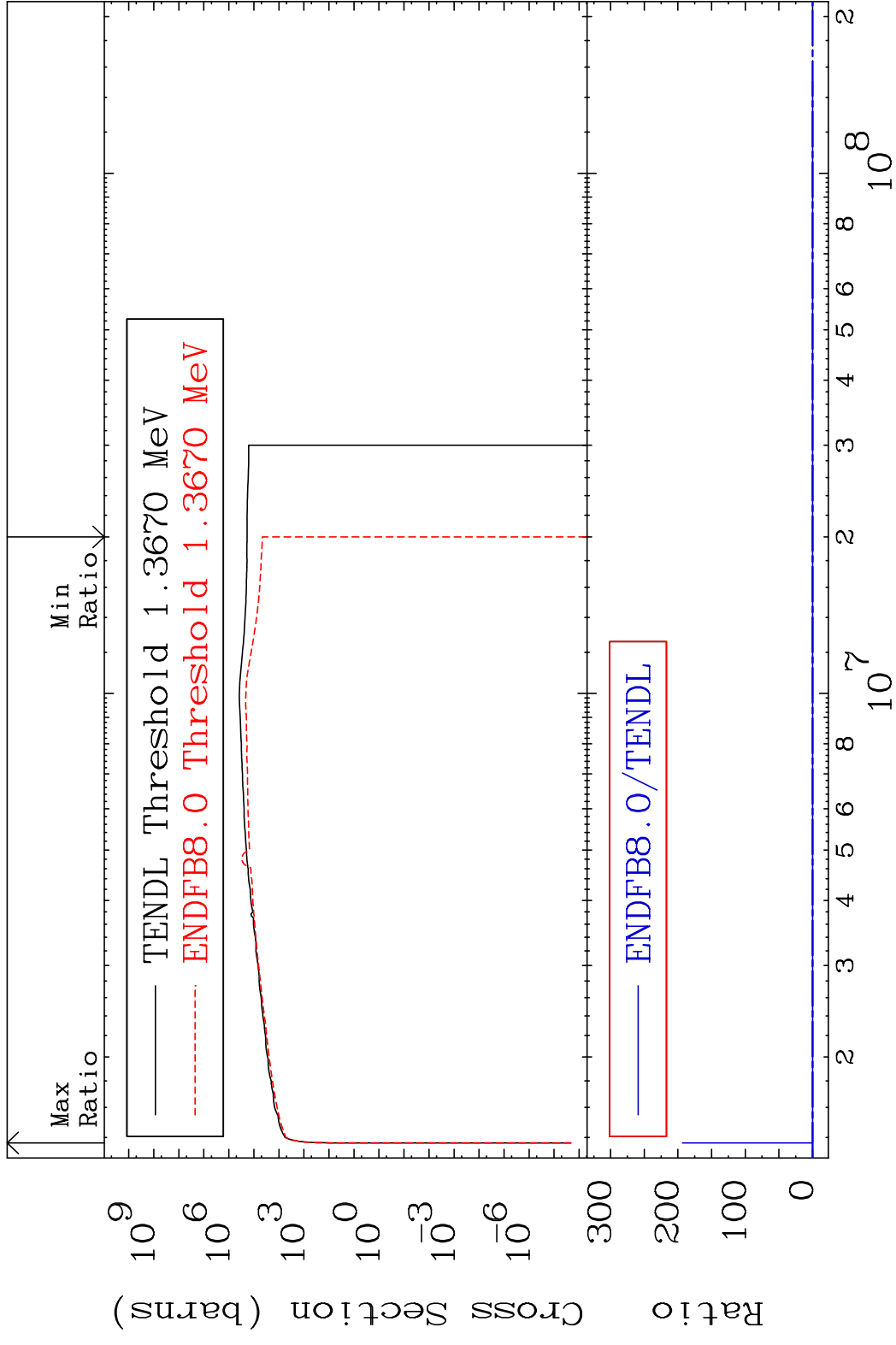
28-Ni-64

MAT 2843 Kerma non-elastic (all but mt2) 28-Ni-64
 Cross Section -53.74 To 2740. %

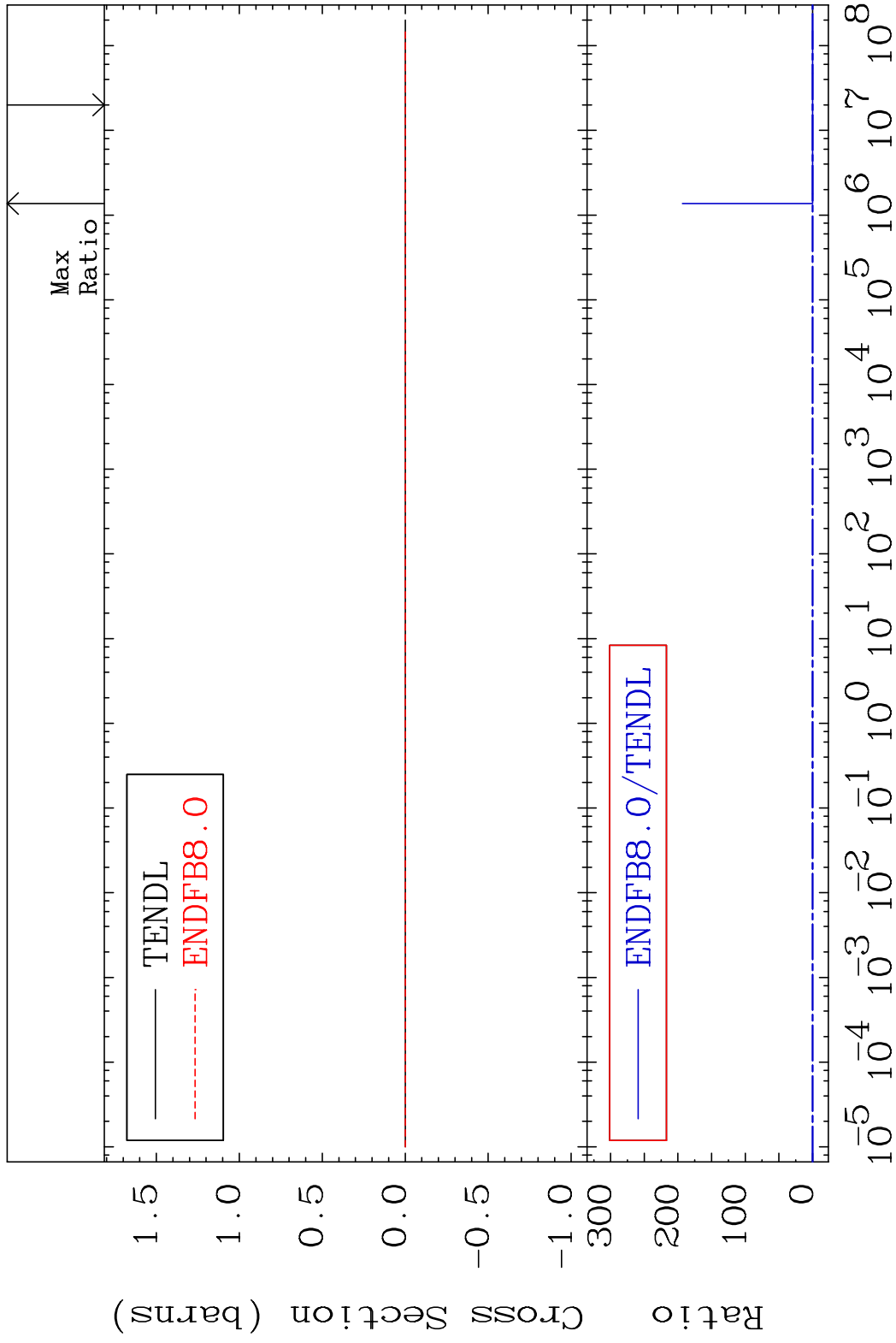


38 Incident Energy (eV) 28-Ni-64

MAT 2843 Kerma inelastic (mt51-91) 28-Ni-64
 Cross Section -100.0 To 9999. %

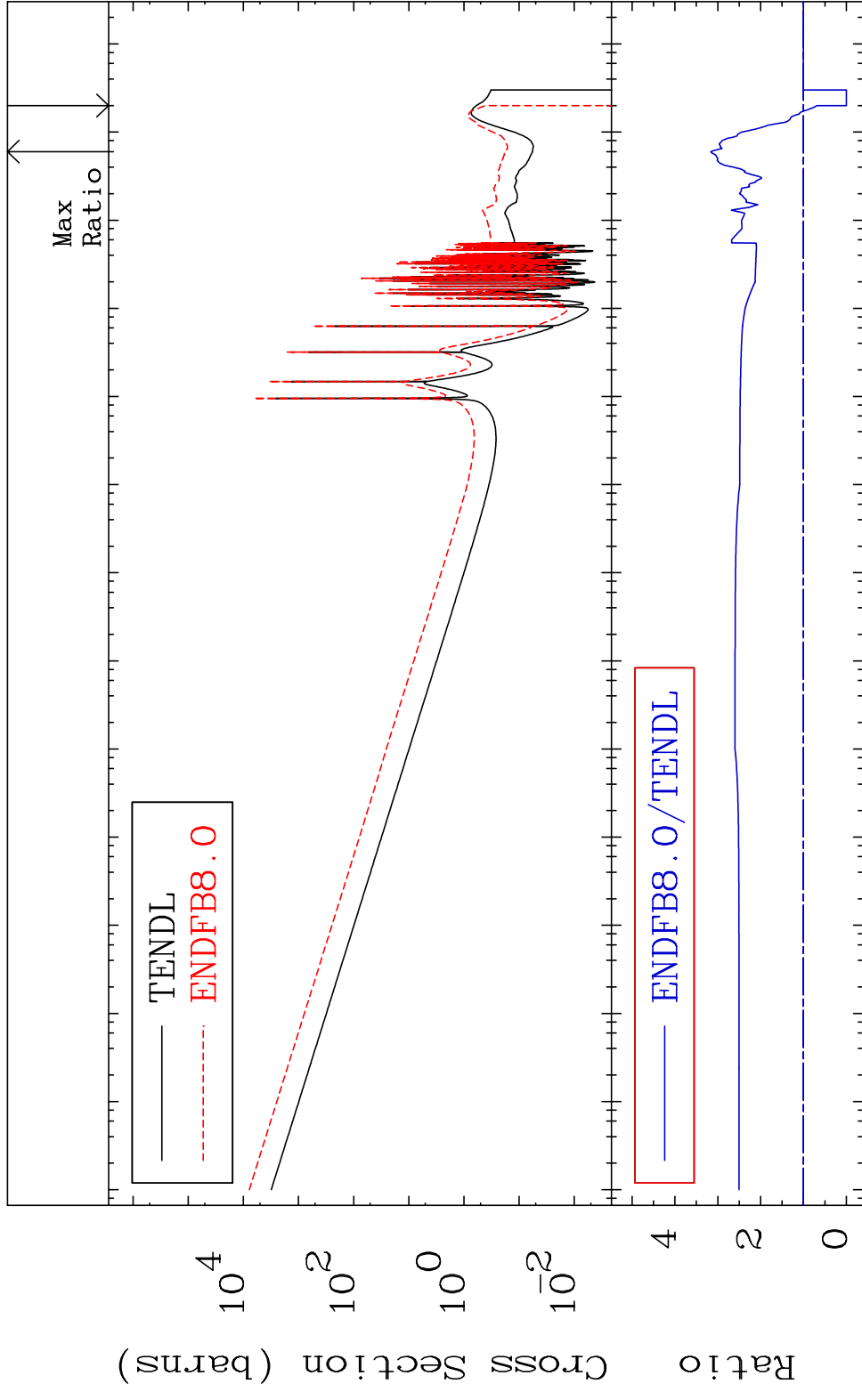


MAT 2843 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-64
 Cross Section -100.0 To 9999. %



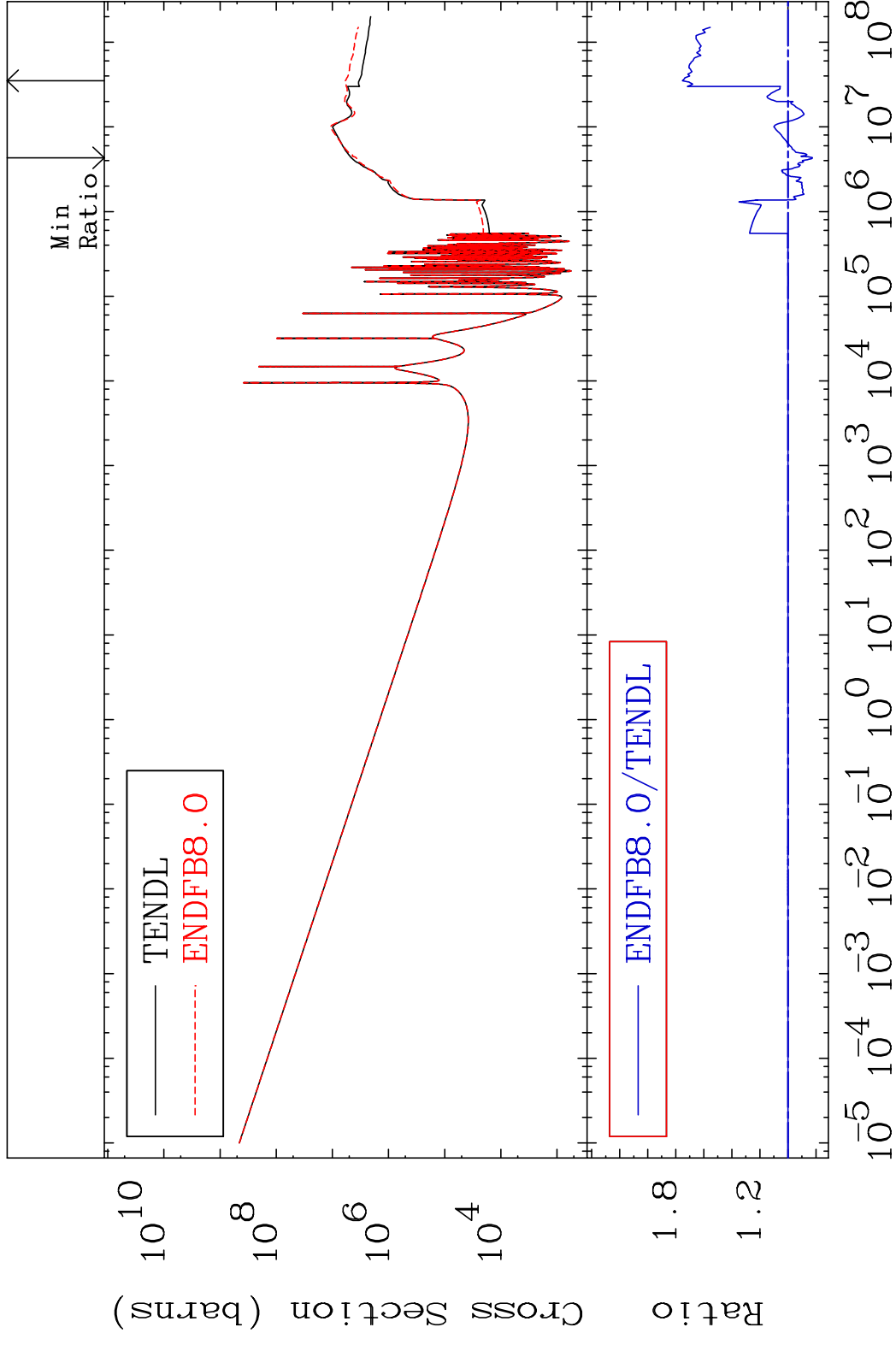
40 Incident Energy (eV) 28-Ni-64

MAT 2843 Kerma capture (mt102) 28-Ni-64
 Cross Section -100.0 To 216.5 %



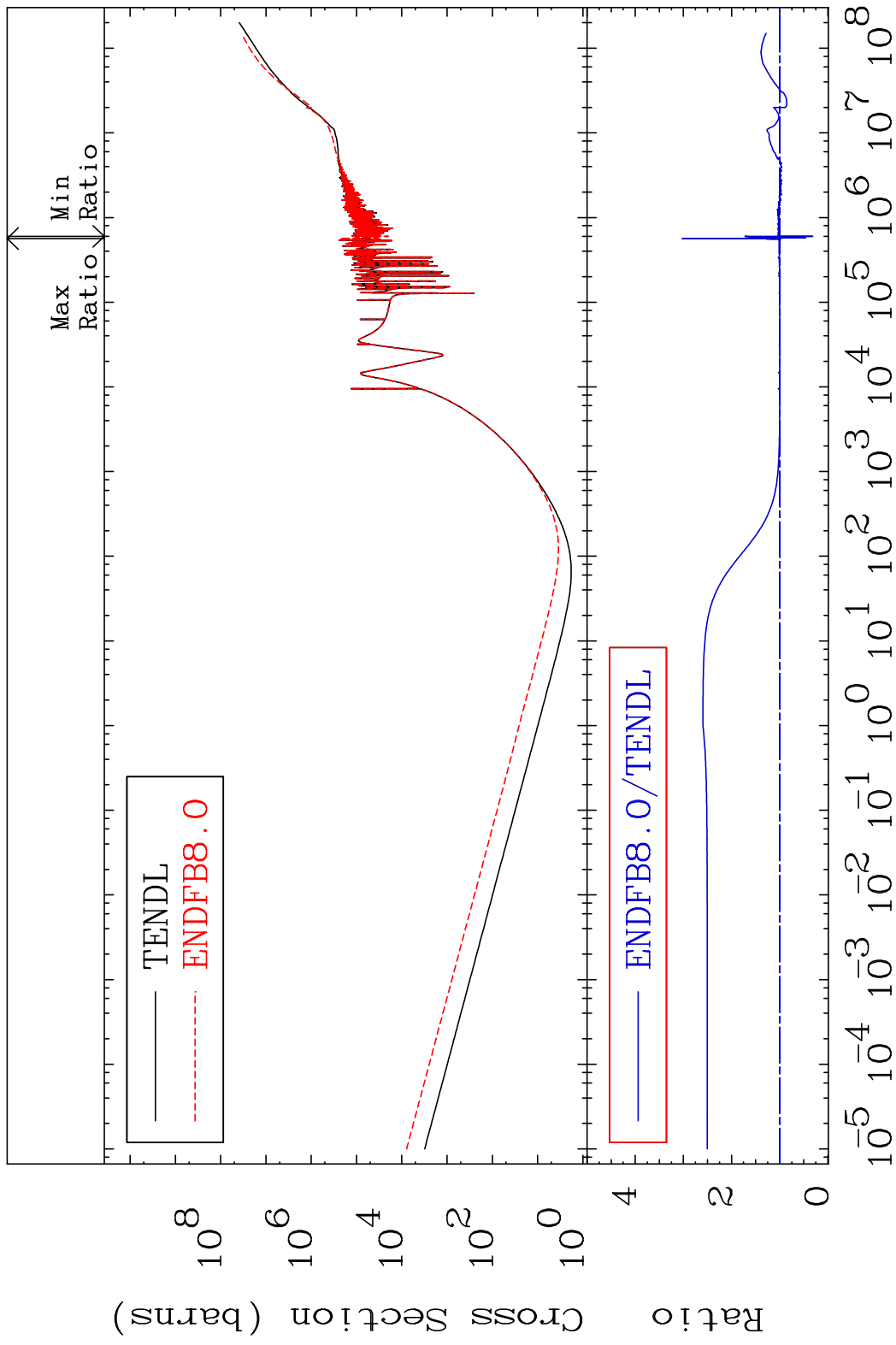
41 Incident Energy (eV) 28-Ni-64

MAT 2843 Total photon (eV-barns) 28-Ni-64
Cross Section -17.57 To 75.30 %



42 Incident Energy (eV) 28-Ni-64

MAT 2843 Total kinematic kerma (high limit) 28-Ni-64
Cross Section -68.21 To 202.1 %



43

Incident Energy (eV)

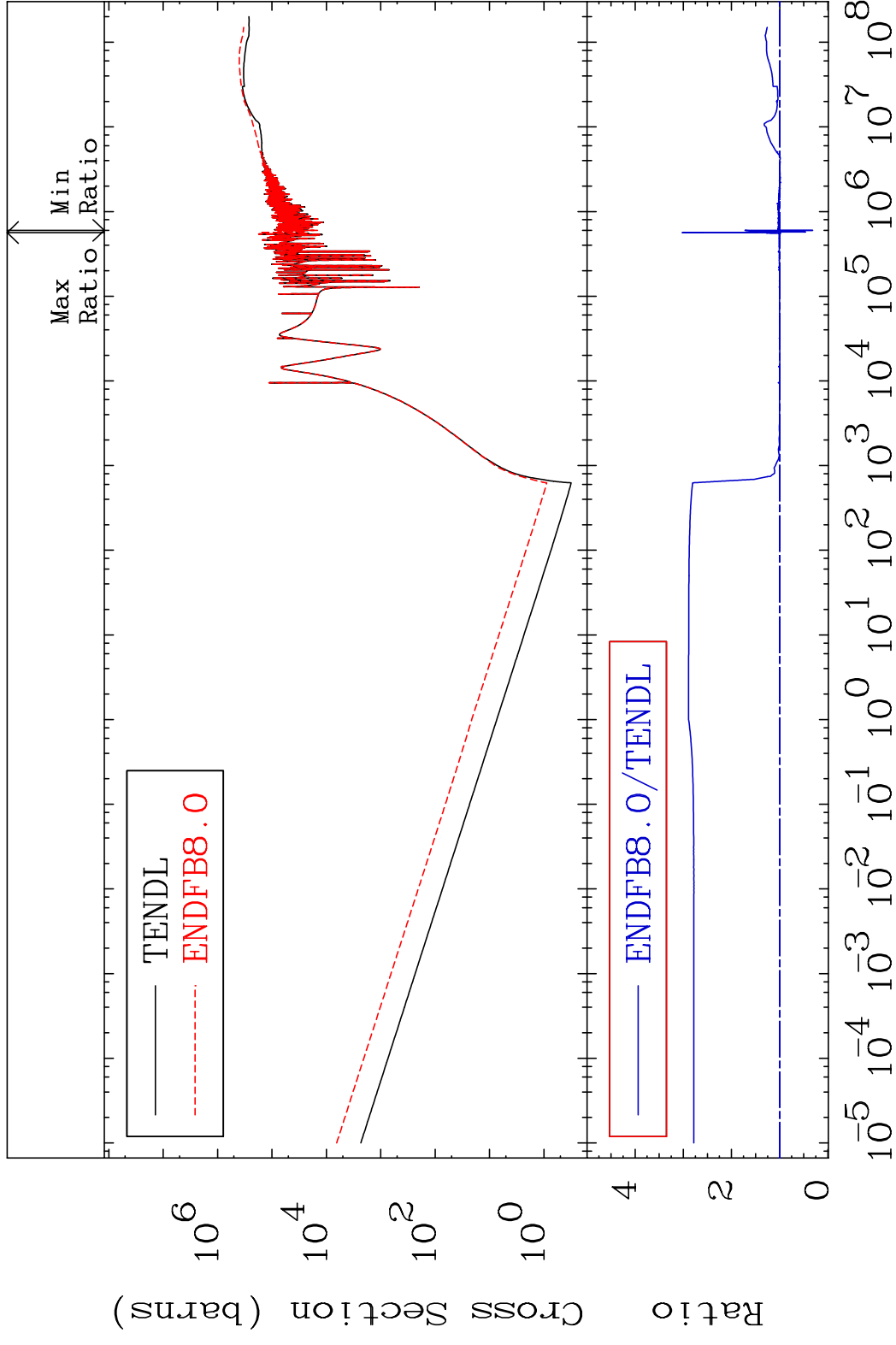
28-Ni-64

MAT 2843

Dpa total (eV-barns)

28-Ni-64

Cross Section -68.23 To 201.9 %



44

Incident Energy (eV)

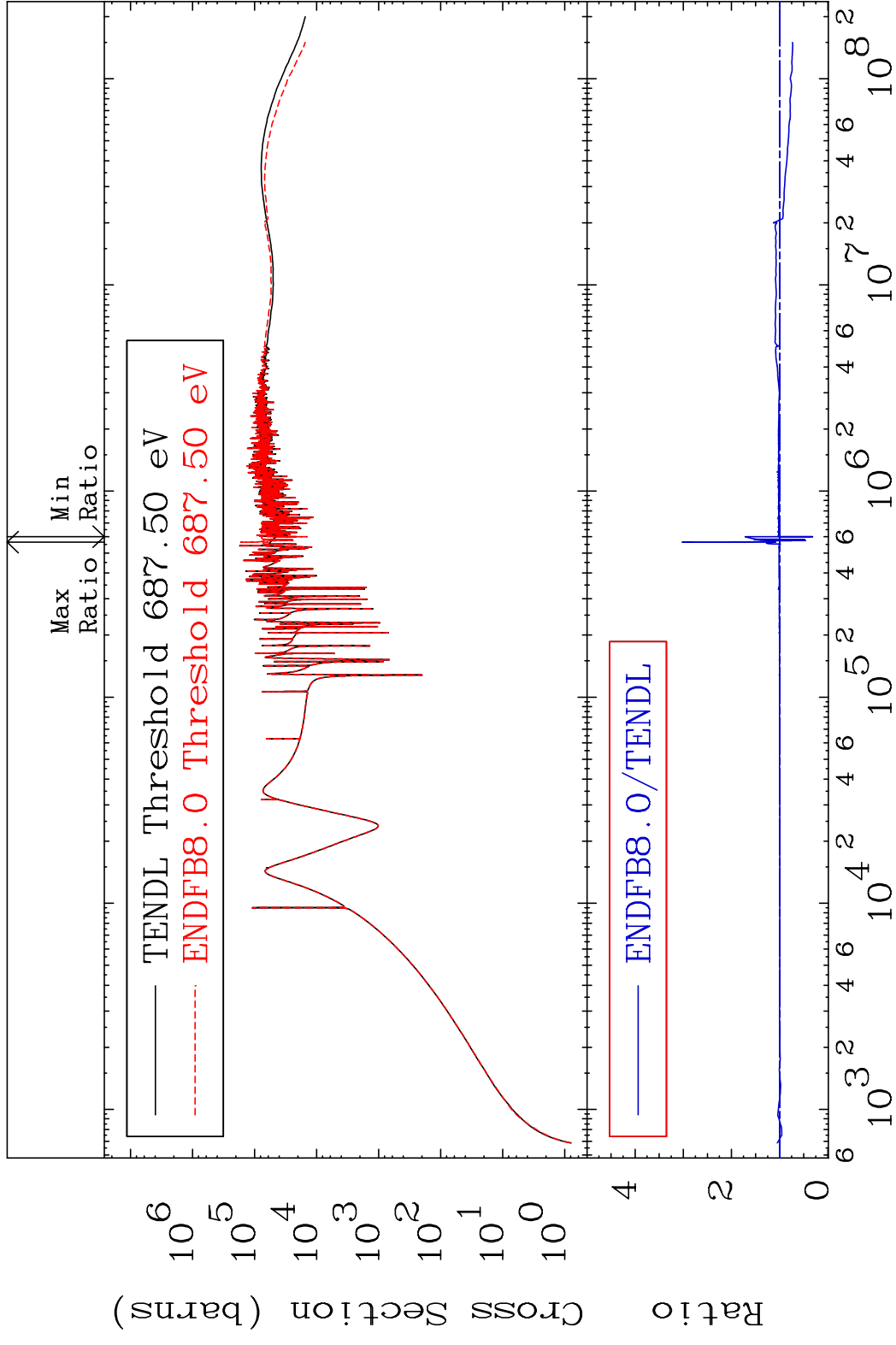
28-Ni-64

MAT 2843

Dpa elastic (mt2)

28-Ni-64

Cross Section -68.23 To 201.9 %

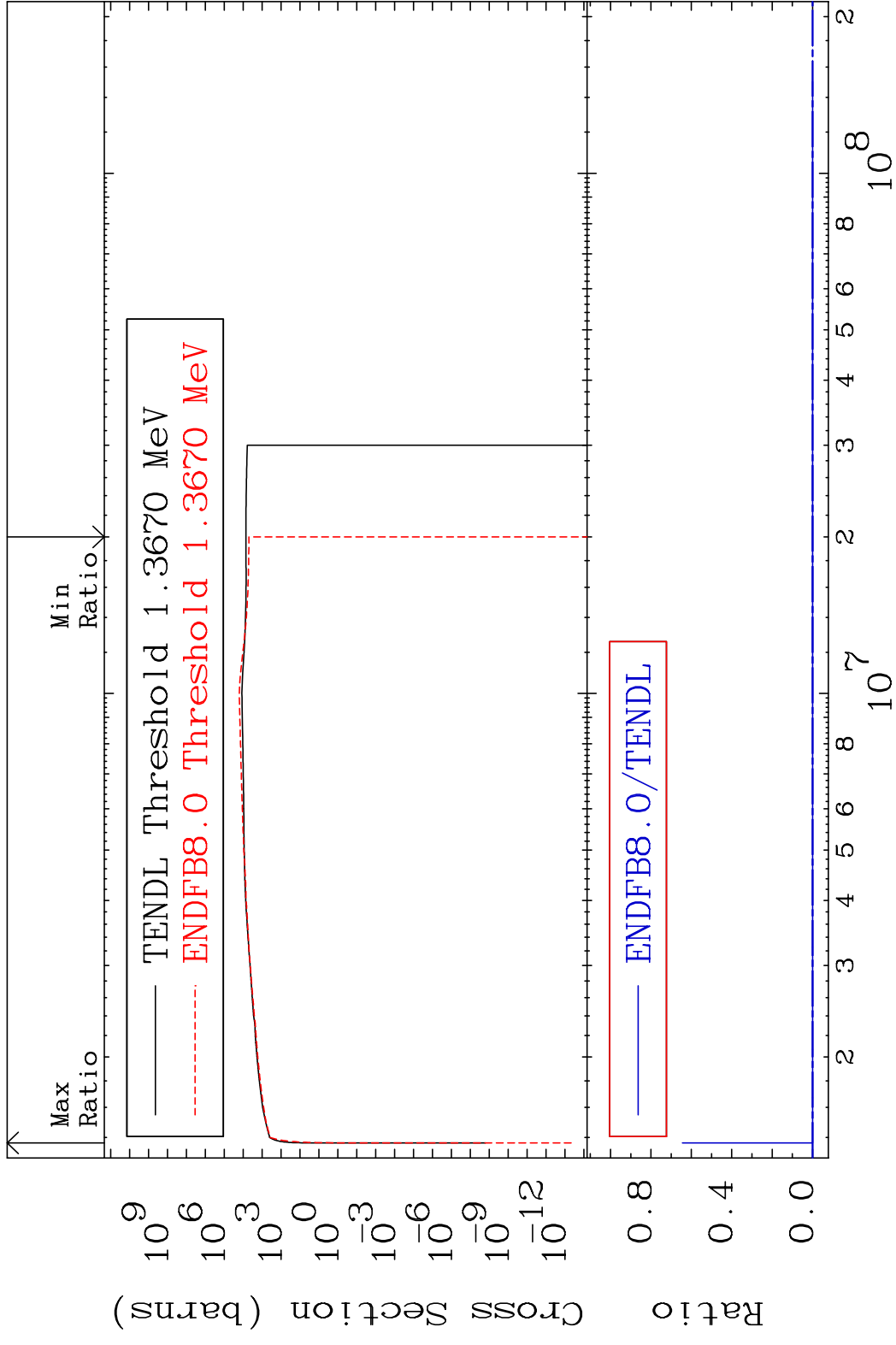


45

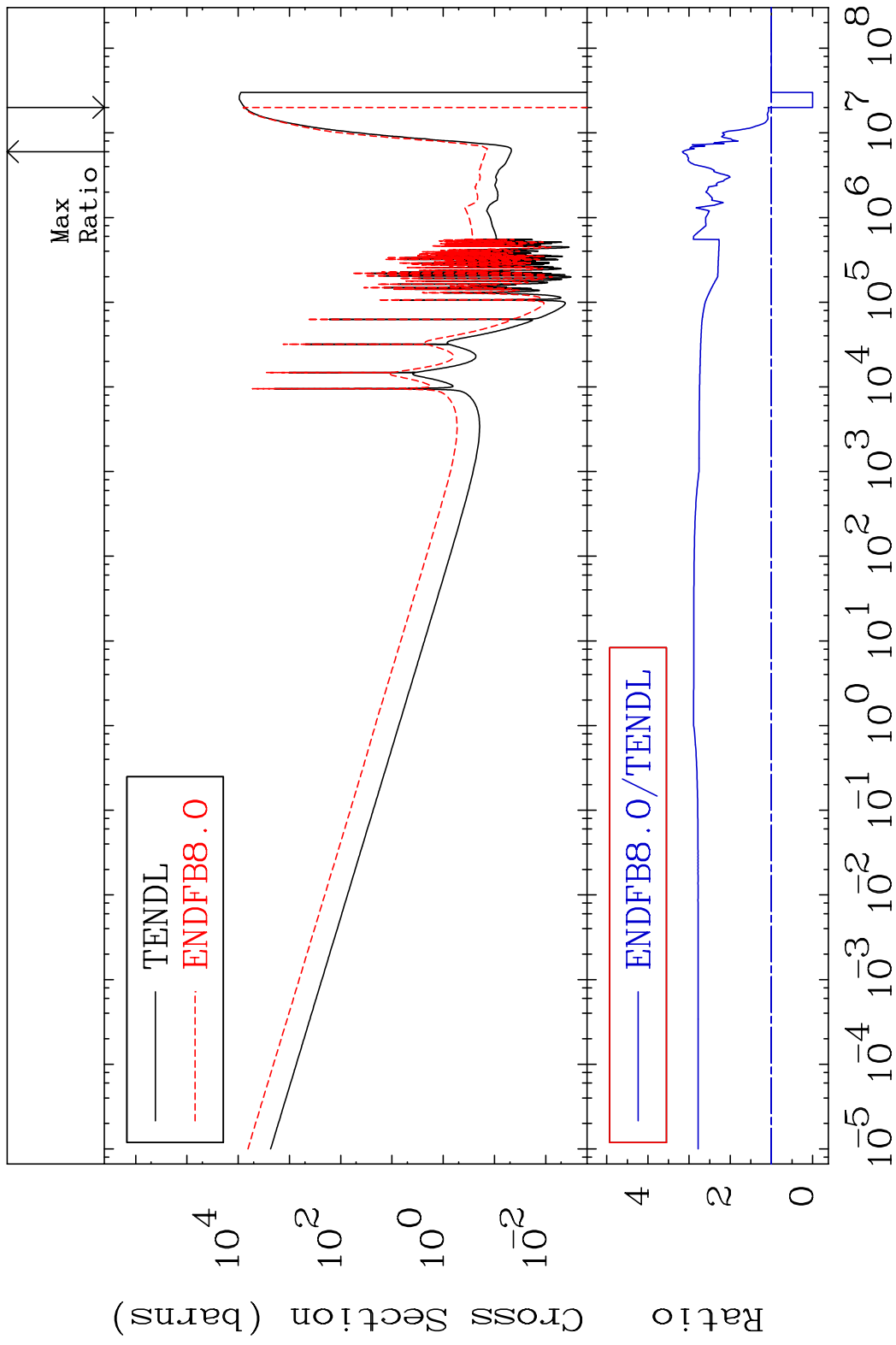
Incident Energy (eV)

28-Ni-64

MAT 2843 Dpa inelastic (mt51-91) 28-Ni-64
 Cross Section -100.0 To 9999. %



MAT 2843 Dpa disappearance (mt102 -120) 28-Ni-64
Cross Section -100.0 To 216.4 %



47

Incident Energy (eV)

28-Ni-64