

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

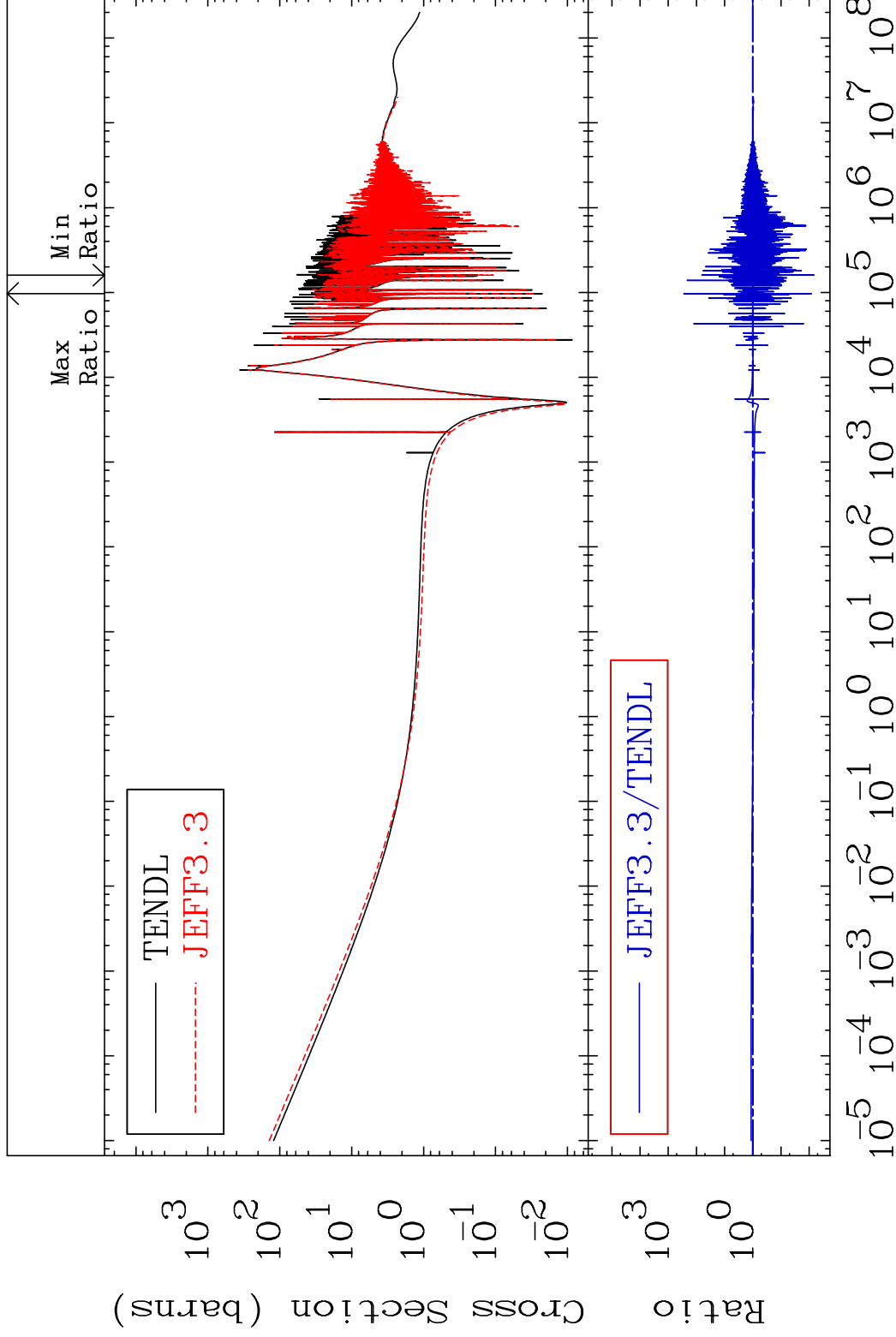
MAT 2831

Total

28-Ni-60

Cross Section

-99.33 To 9999. %



1

Incident Energy (eV)

28-Ni-60

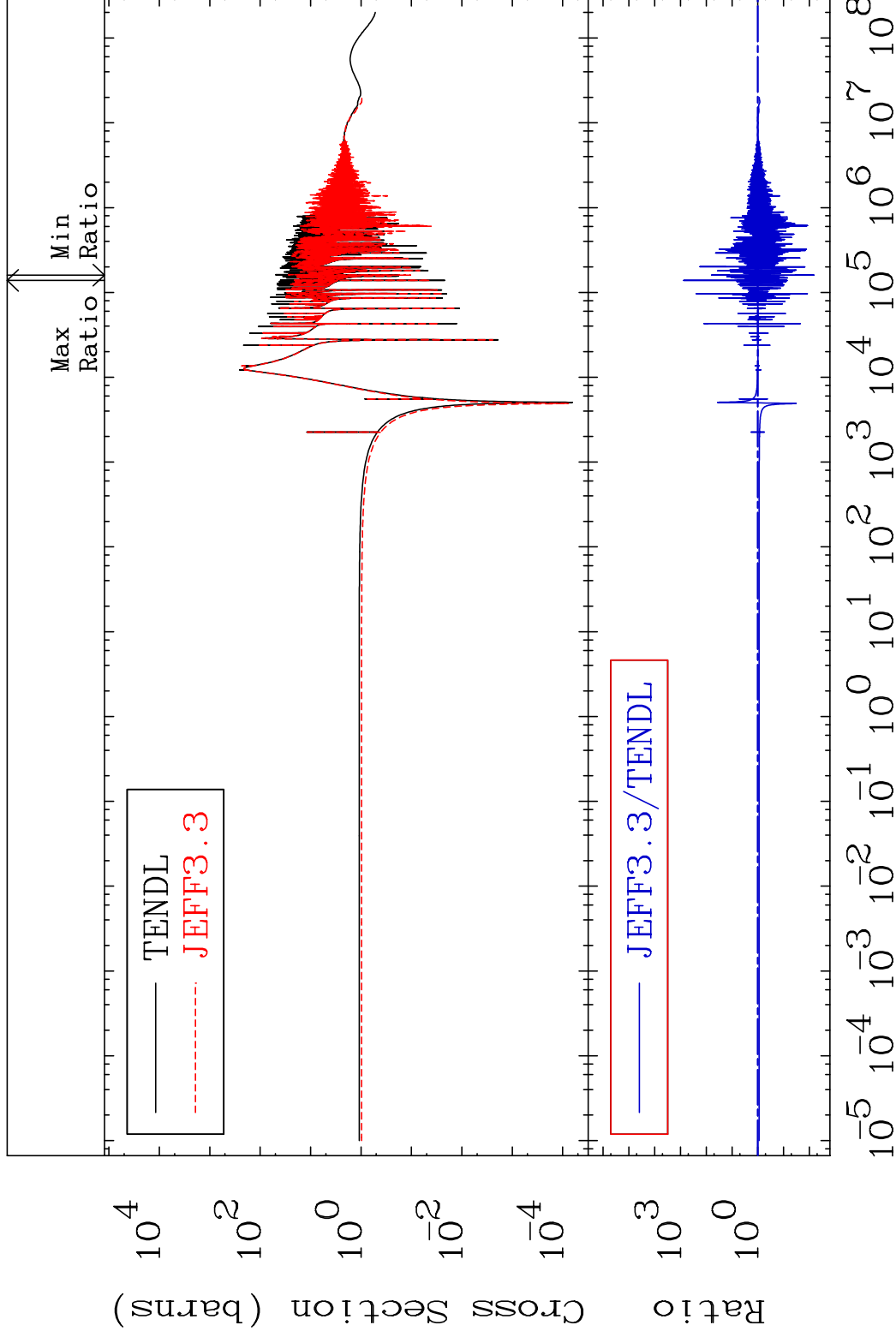
MAT 2831

Elastic

28-Ni-60

Cross Section

-99.34 To 9999. %

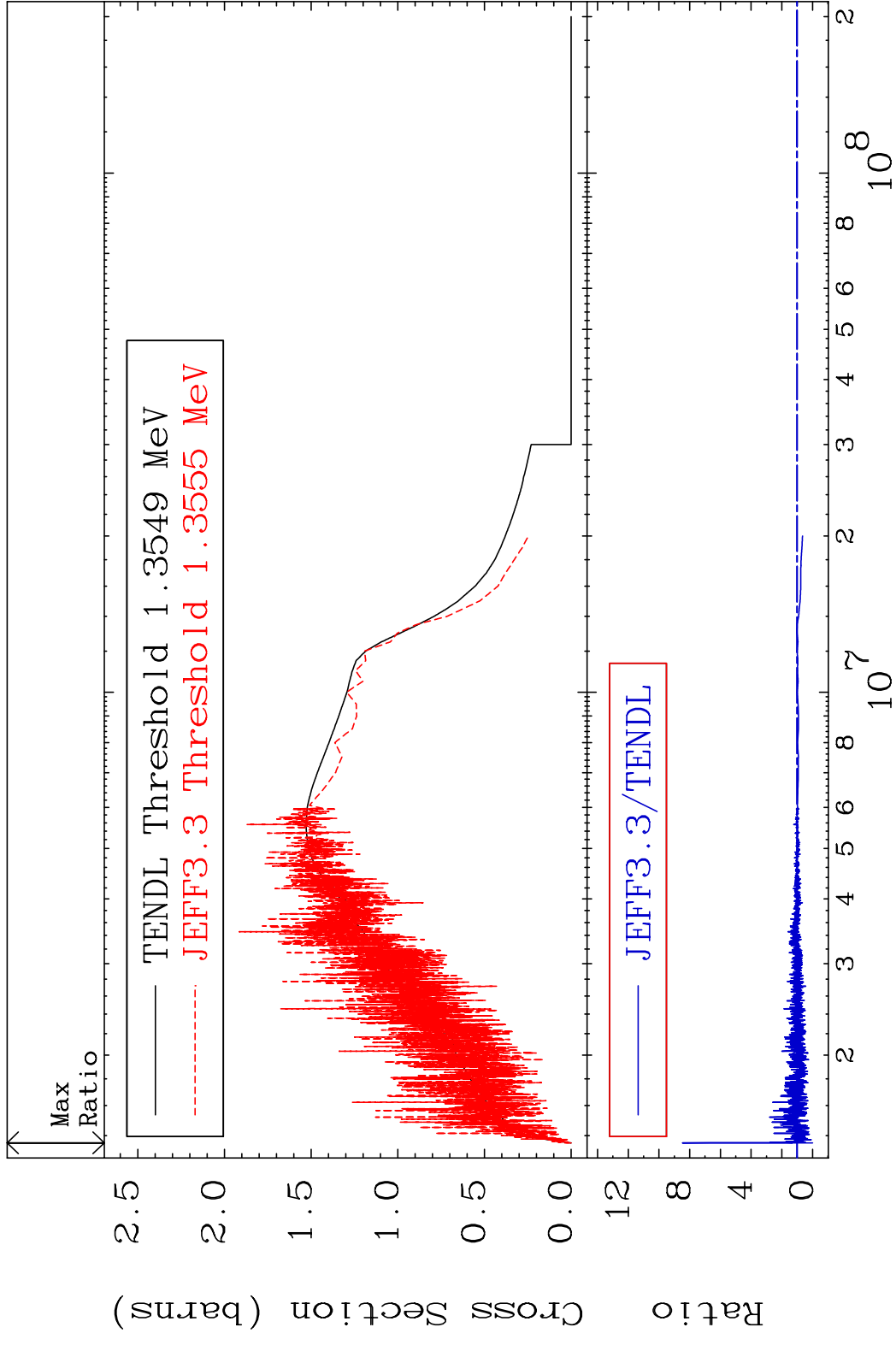


2

Incident Energy (eV)

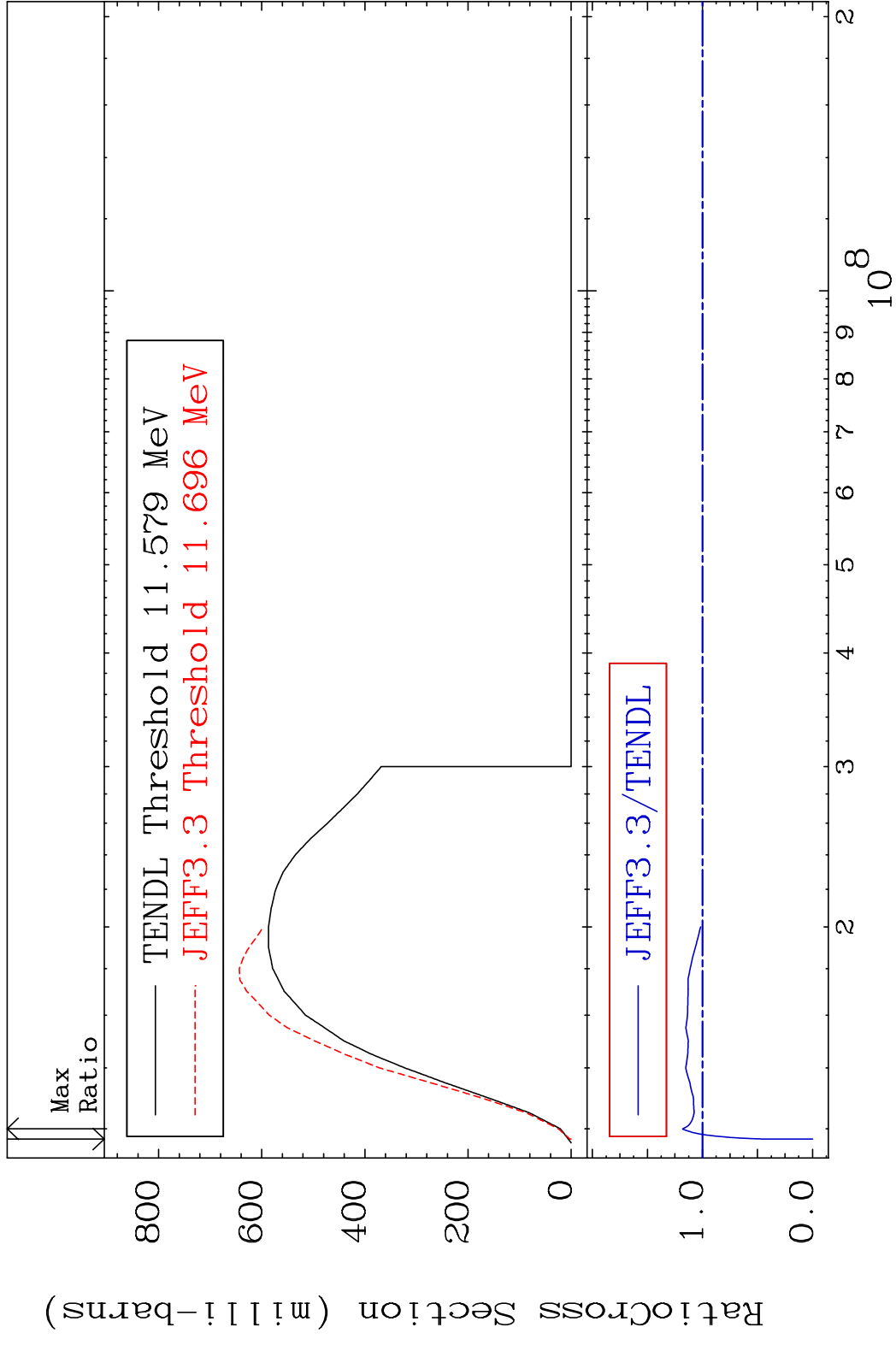
28-Ni-60

MAT 2831 Inelastic 28-Ni-60
 Cross Section -100.0 To 747.9 %



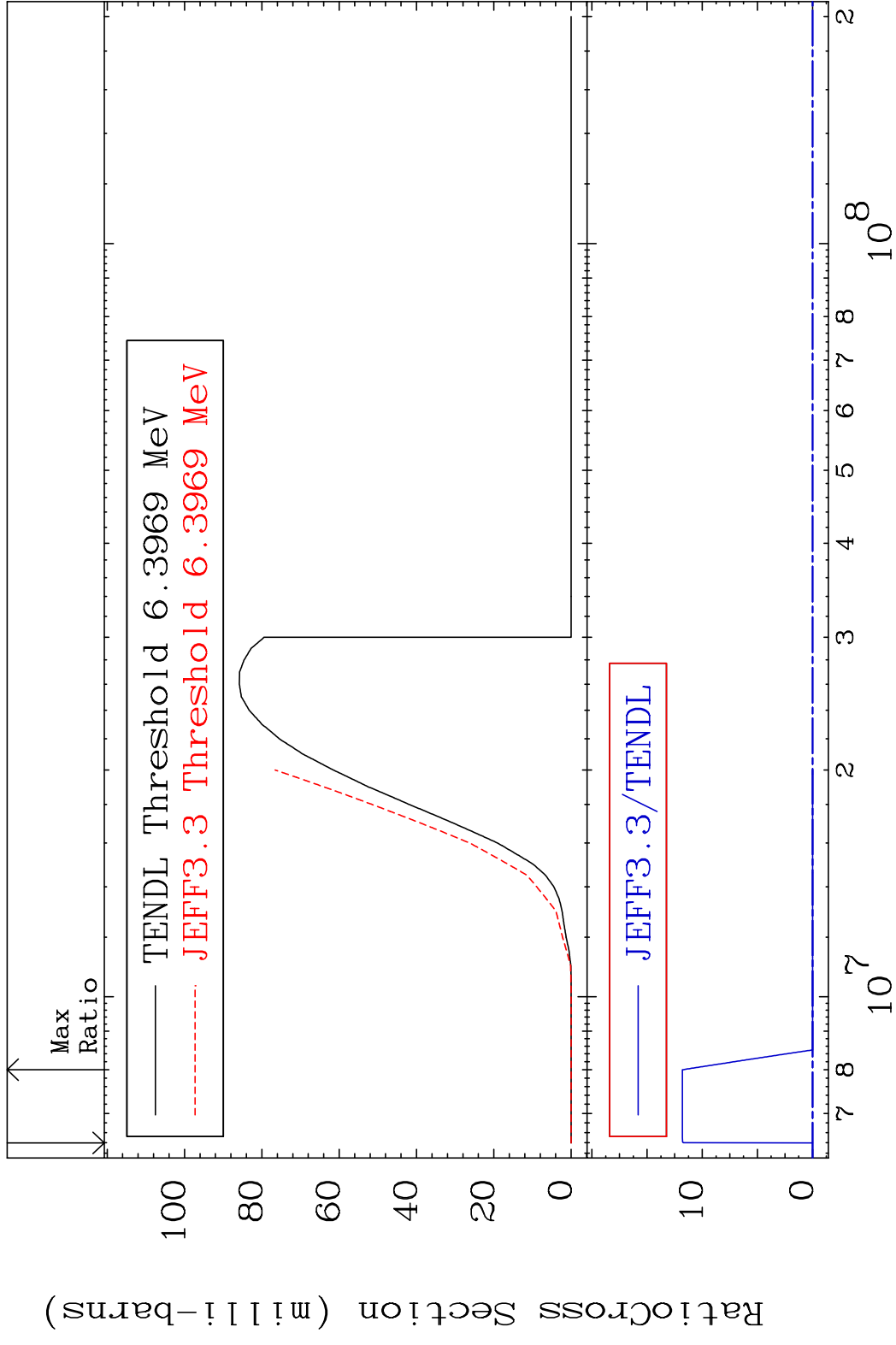
3 Incident Energy (eV) 28-Ni-60

MAT 2831 (n,2n) 28-Ni-60
 Cross Section -100.0 To 18.28 %



4 Incident Energy (eV) 28-Ni-60

MAT 2831 (n, n') α 28-Ni-60
 Cross Section -100.0 To 9999. %



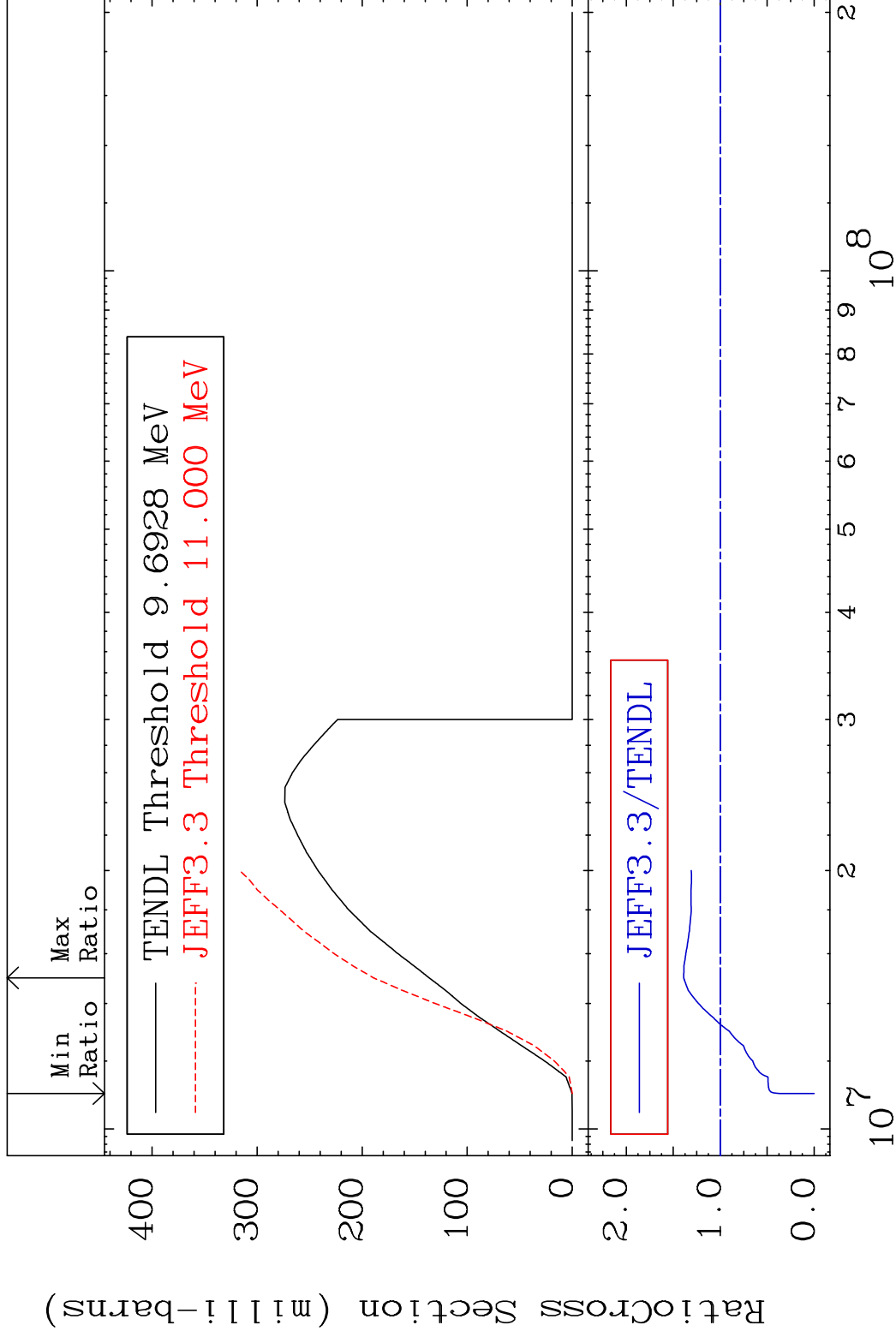
5 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 28-Ni-60

MAT 2831

(n, n') p

28-Ni-60

Cross Section -100.0 To 38.92 %

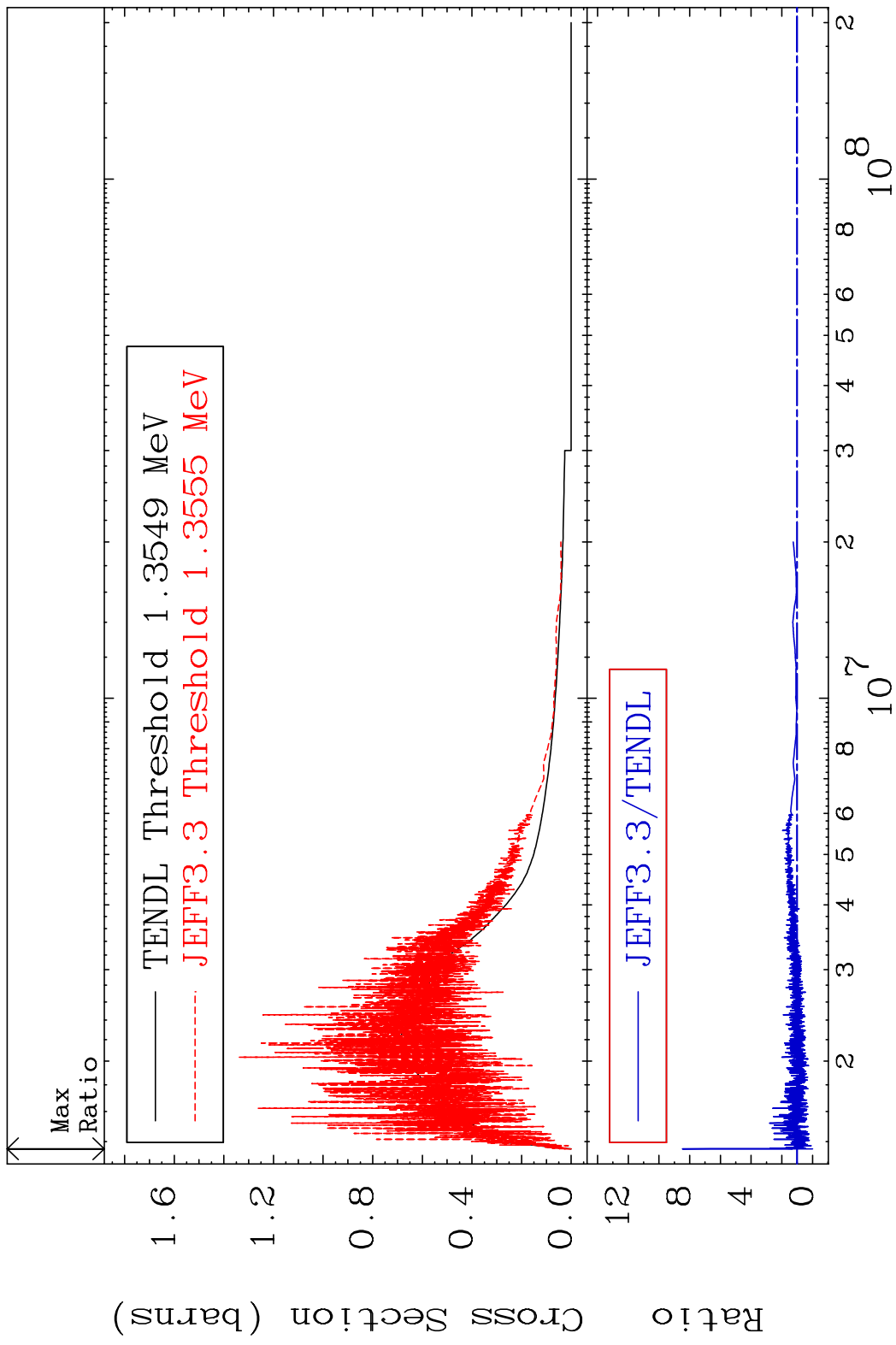


6

Incident Energy (eV)

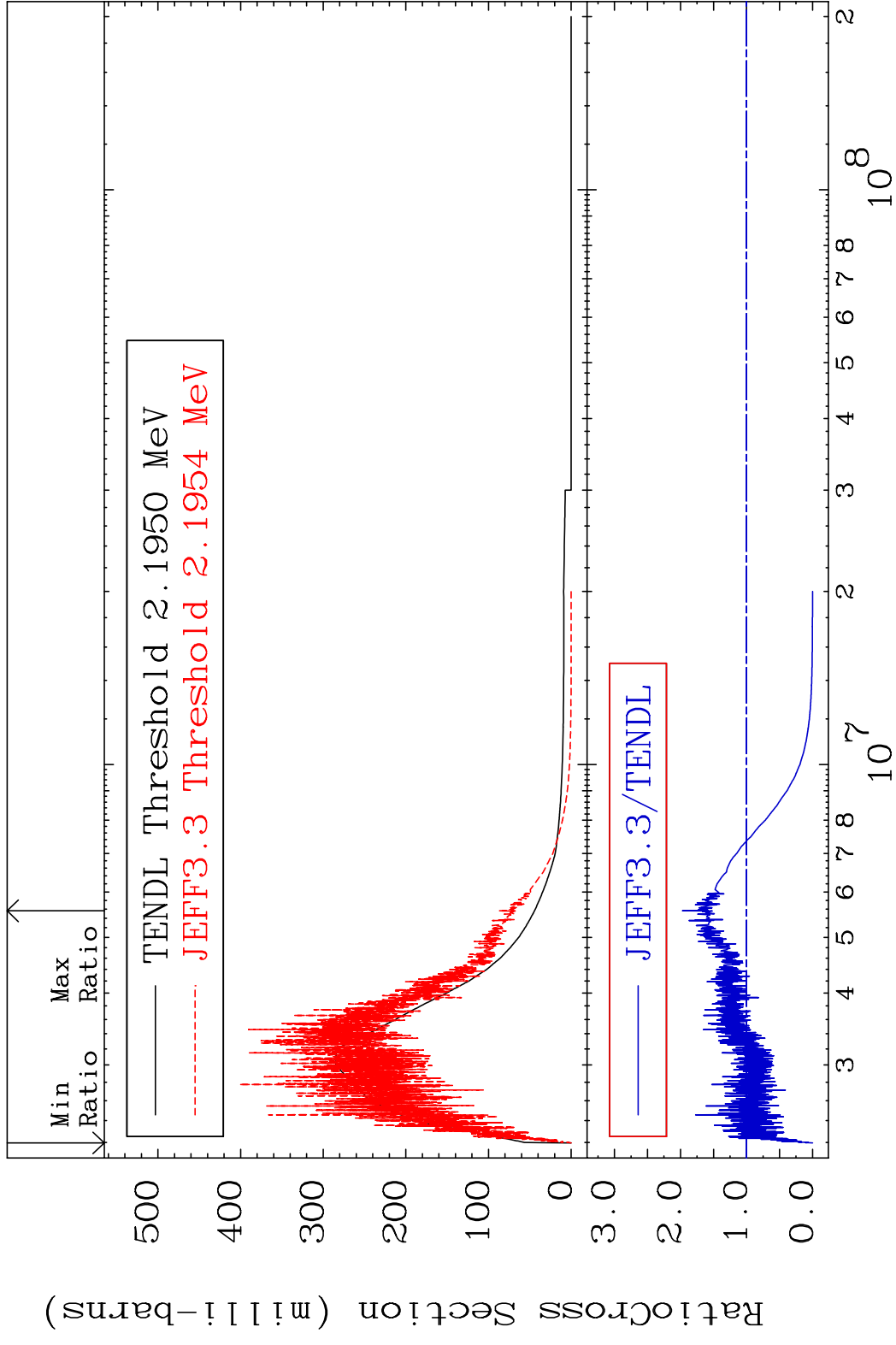
28-Ni-60

MAT 2831 MT= 51 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 747.9 %

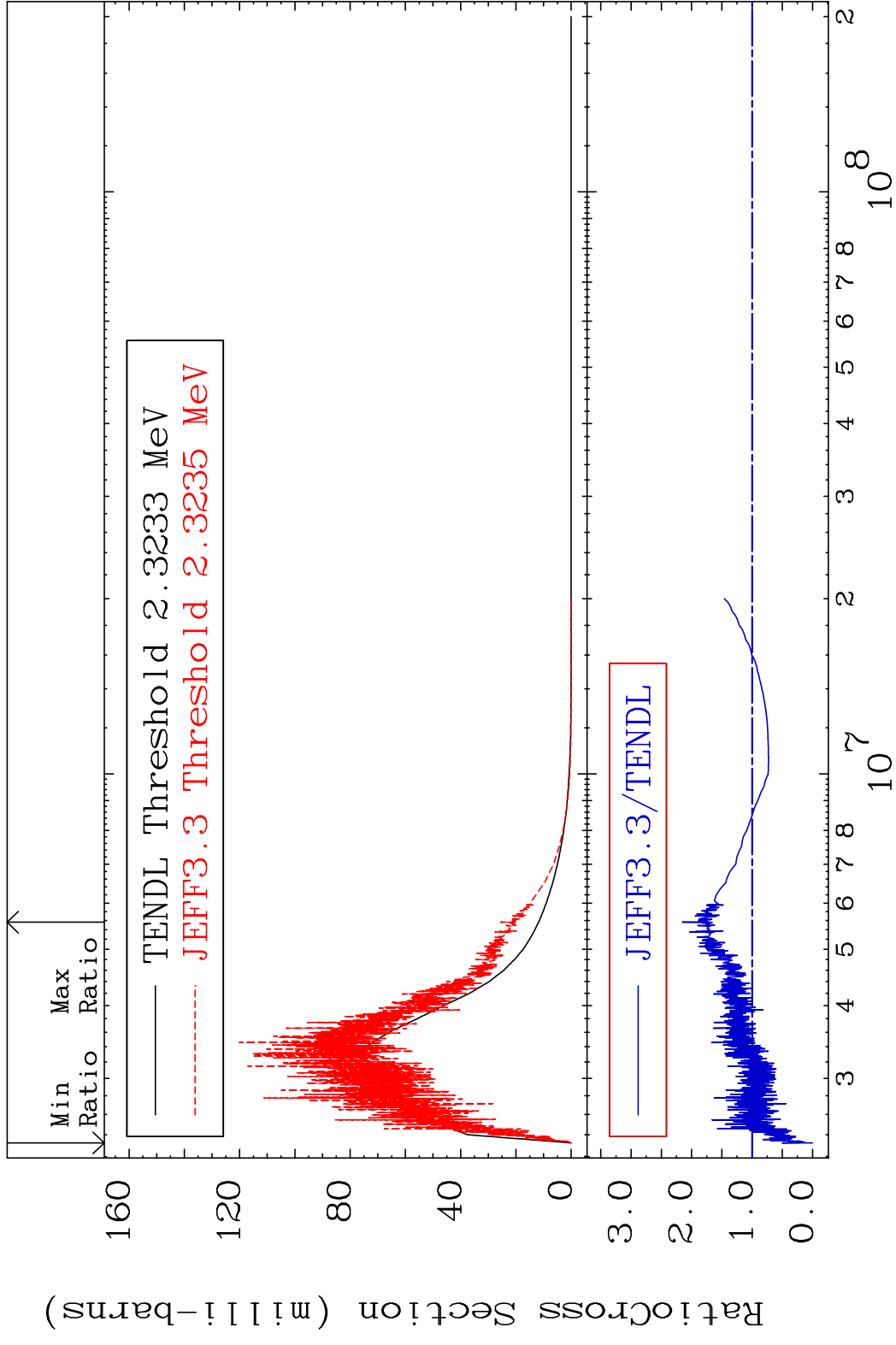


7 Incident Energy (eV) 28-Ni-60

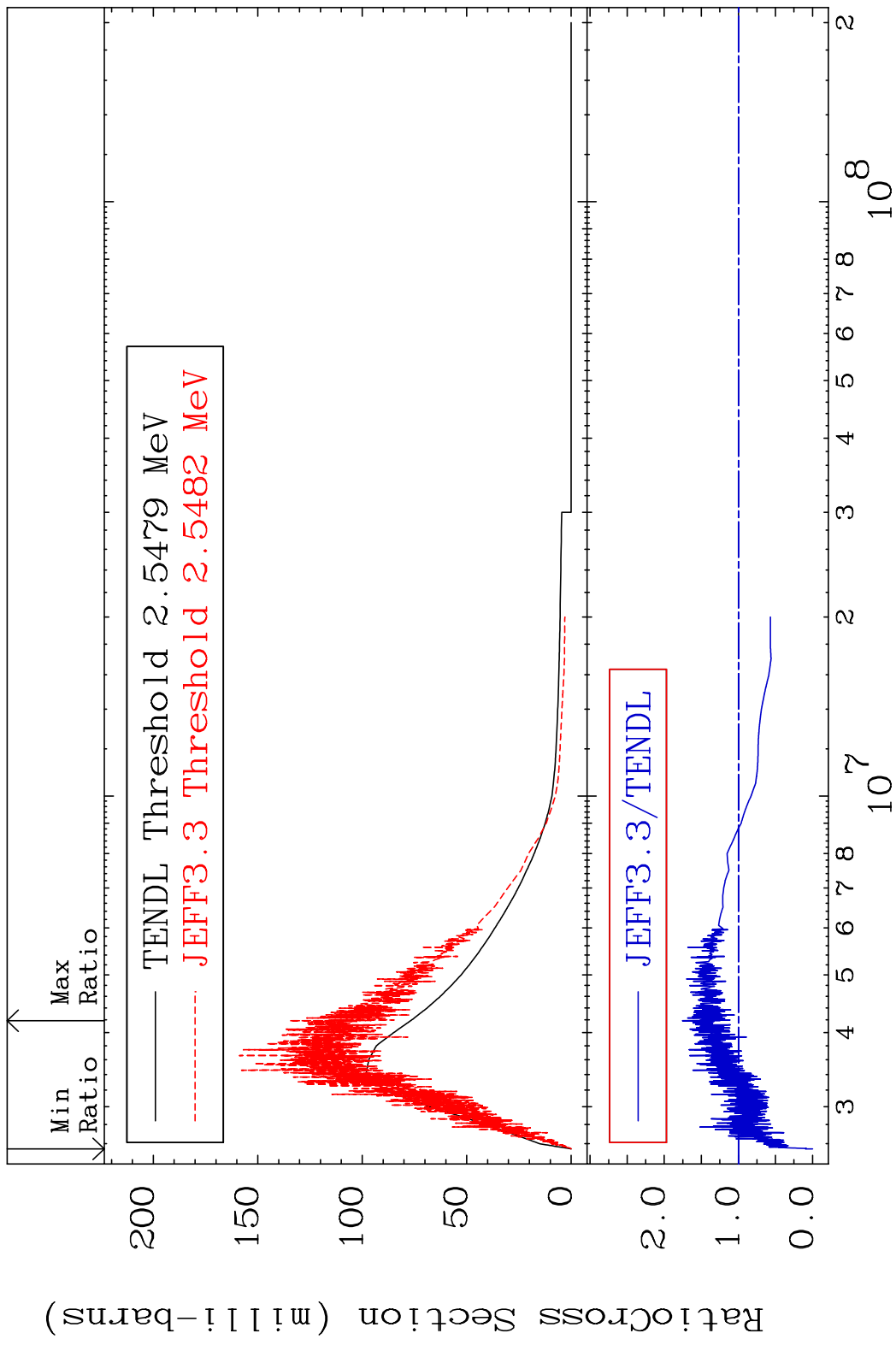
MAT 2831 MT= 52 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 97.22 %



MAT 2831 MT= 53 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 115.2 %

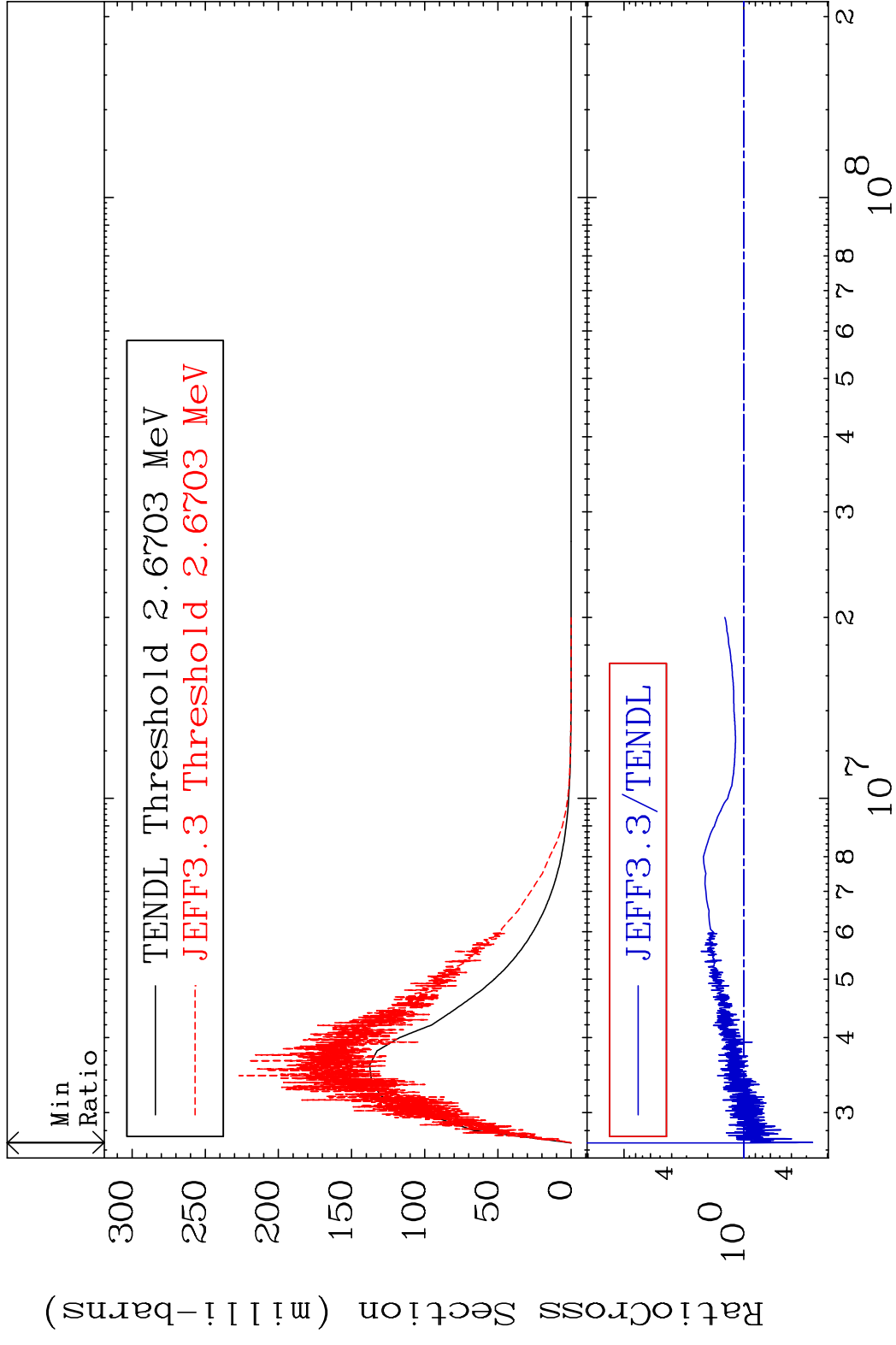


MAT 2831 MT= 54 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 75.57 %

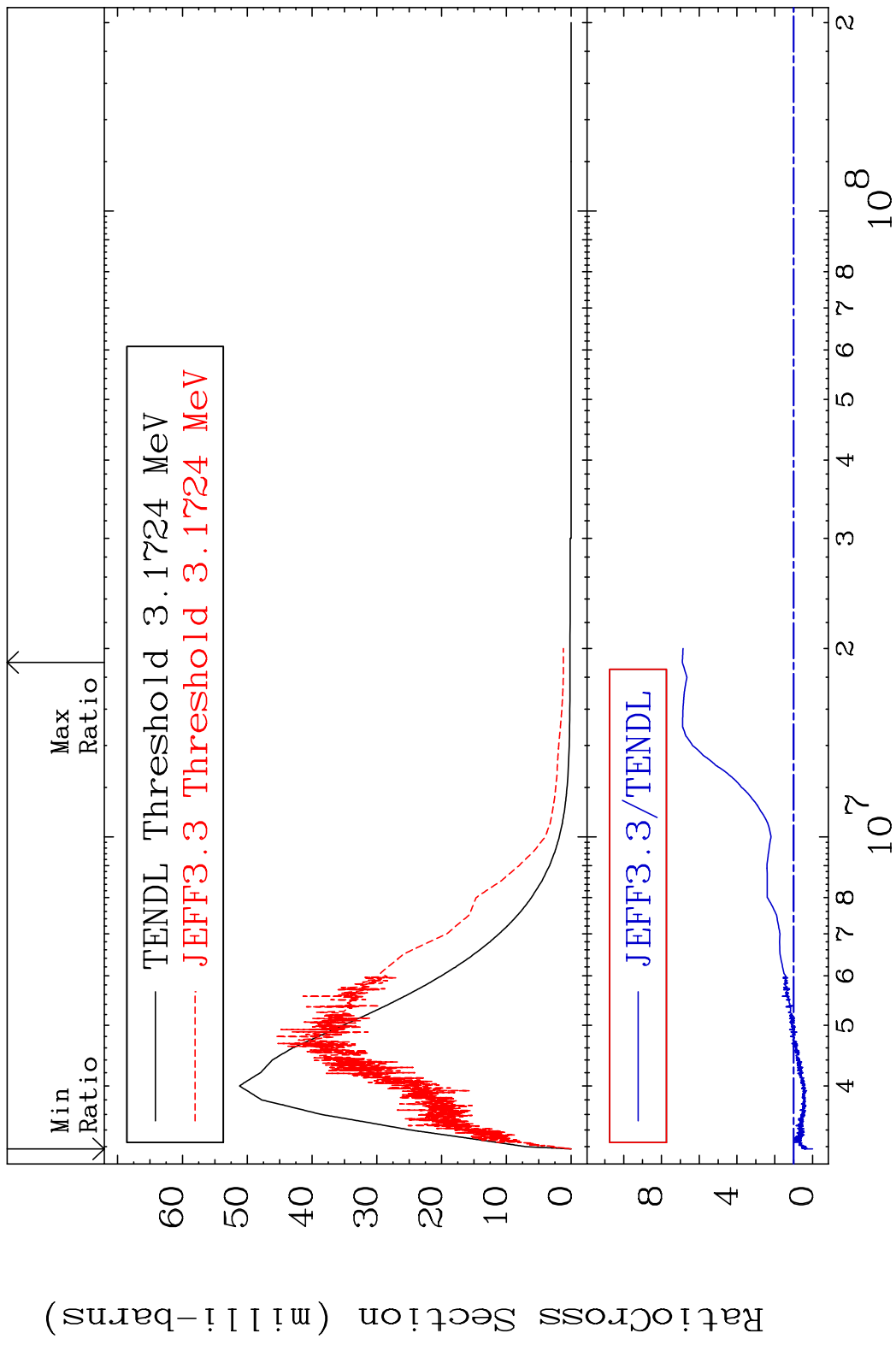


10 Incident Energy (eV) 28-Ni-60

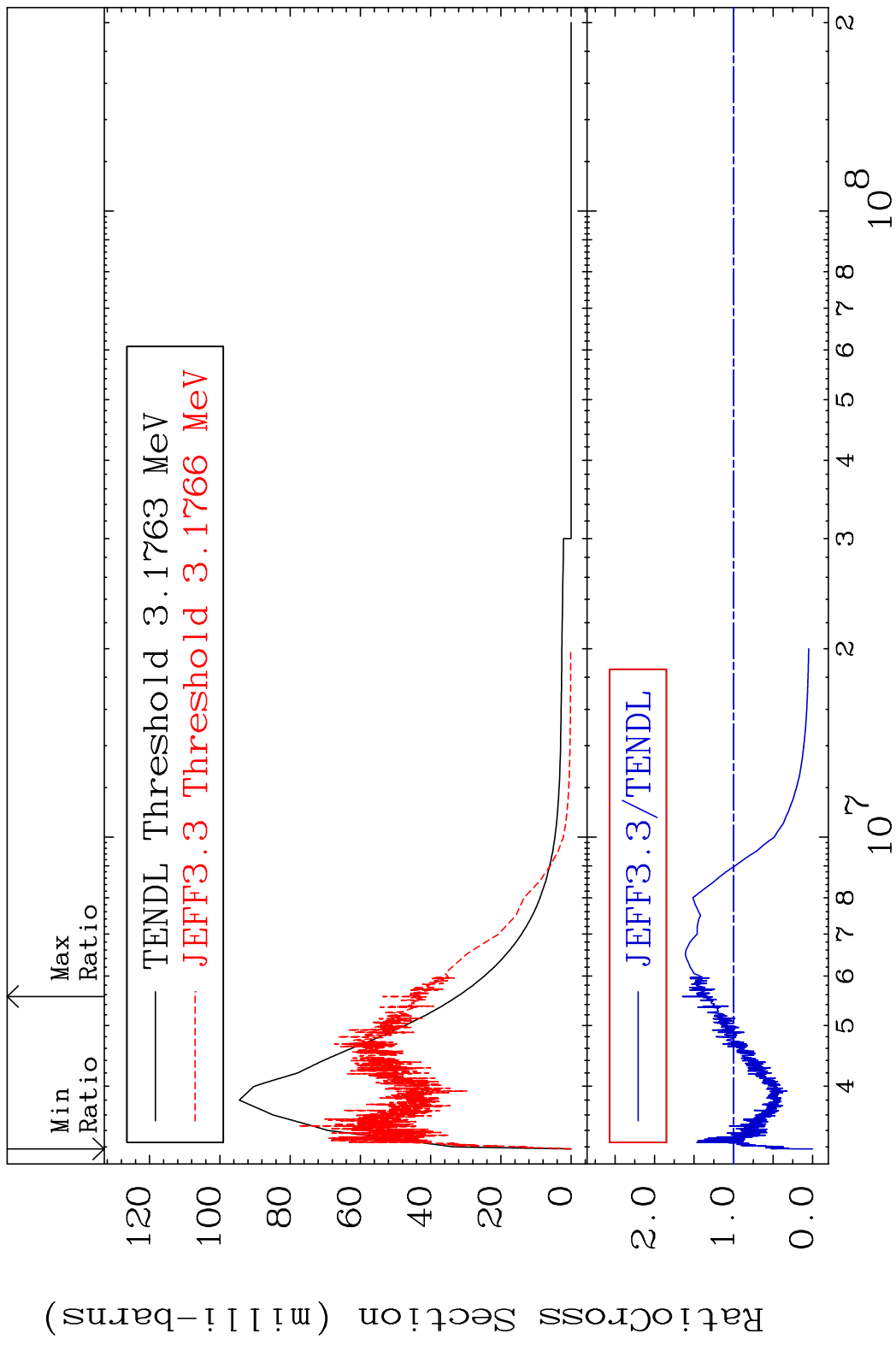
MAT 2831 MT= 55 (n,n') Level 28-Ni-60
 Cross Section -73.33 To 225.5 %



MAT 2831 MT= 56 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 589.3 %

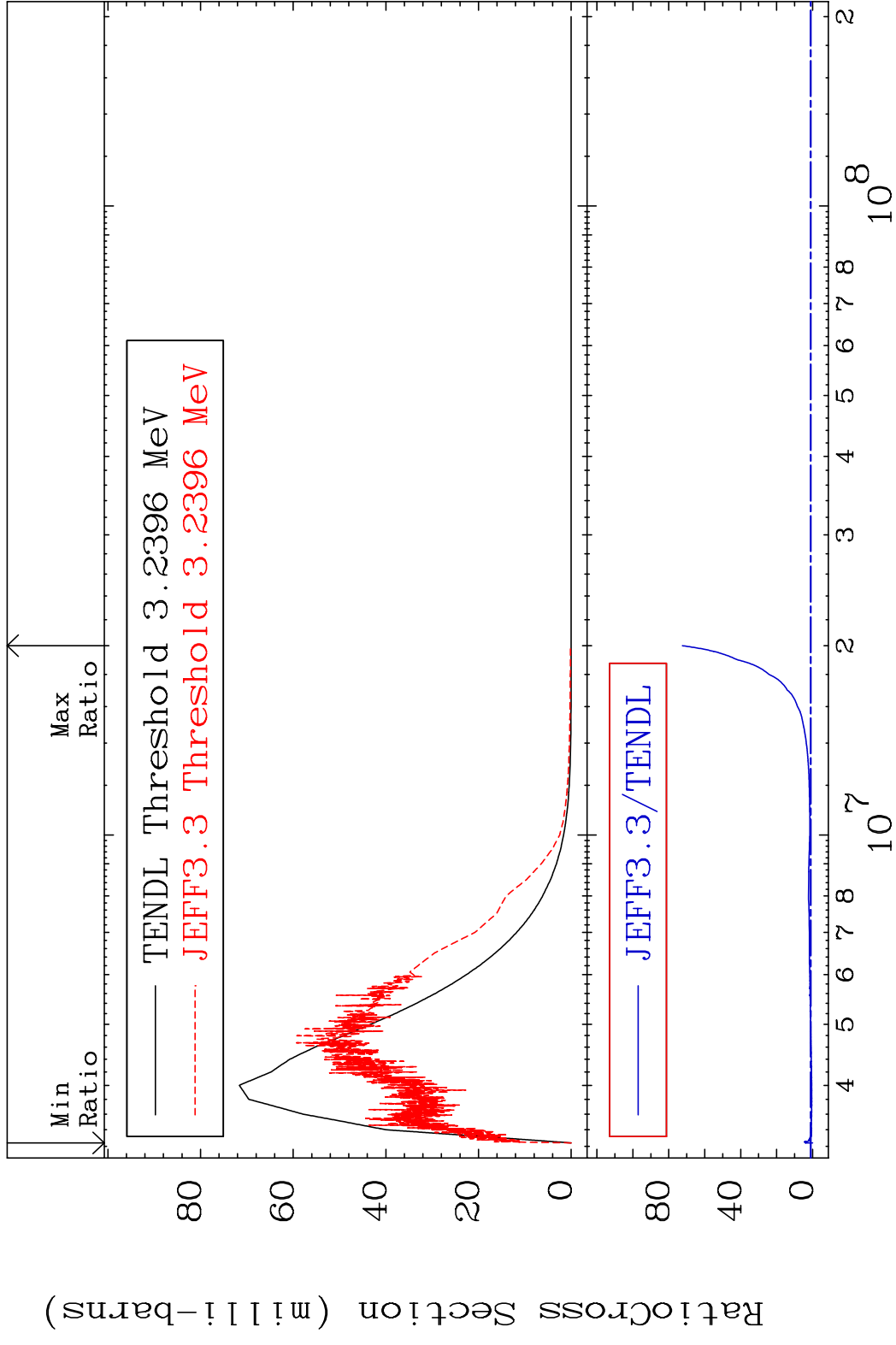


MAT 2831 MT= 57 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 64.78 %

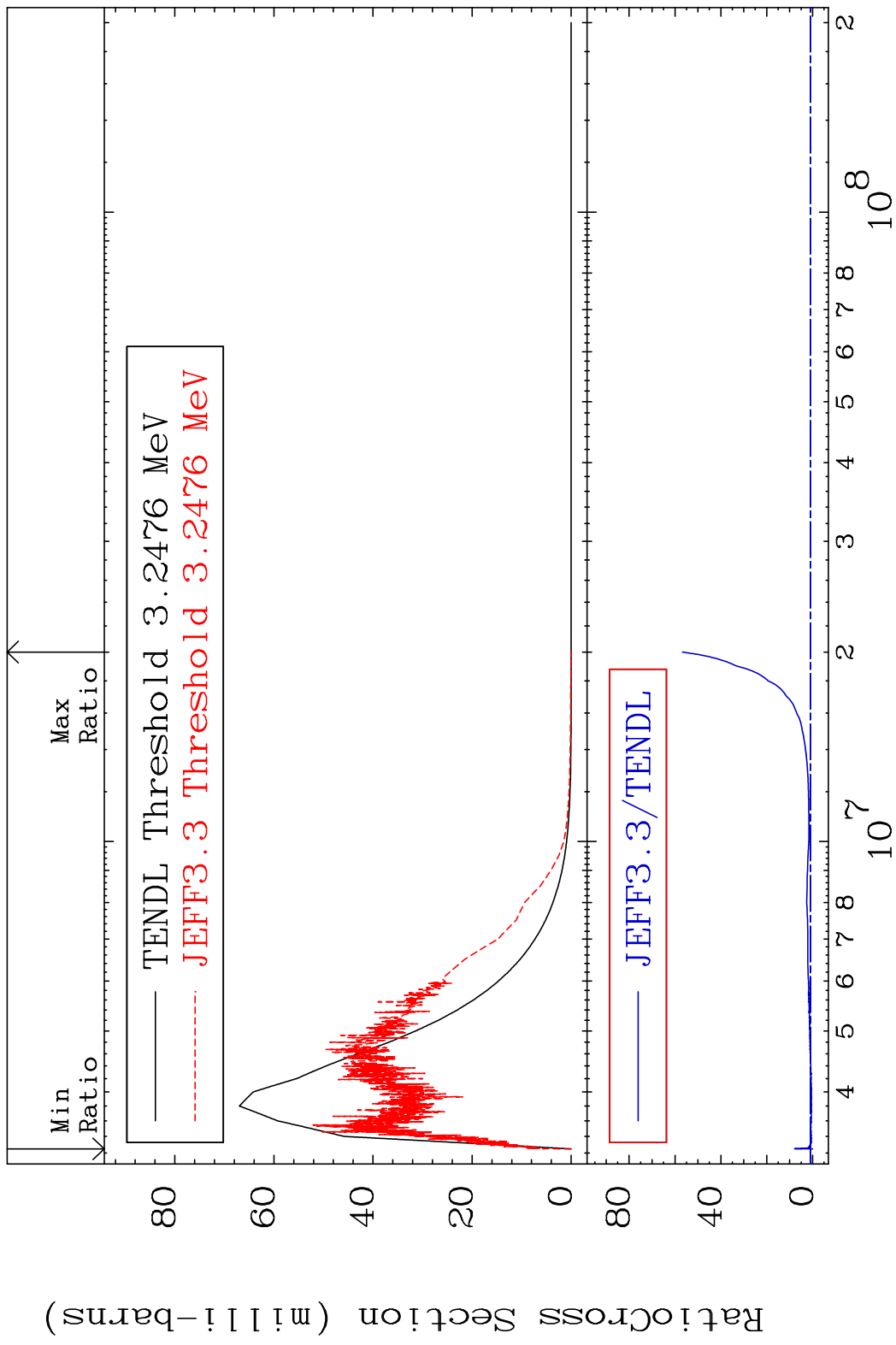


13 Incident Energy (eV) 28-Ni-60

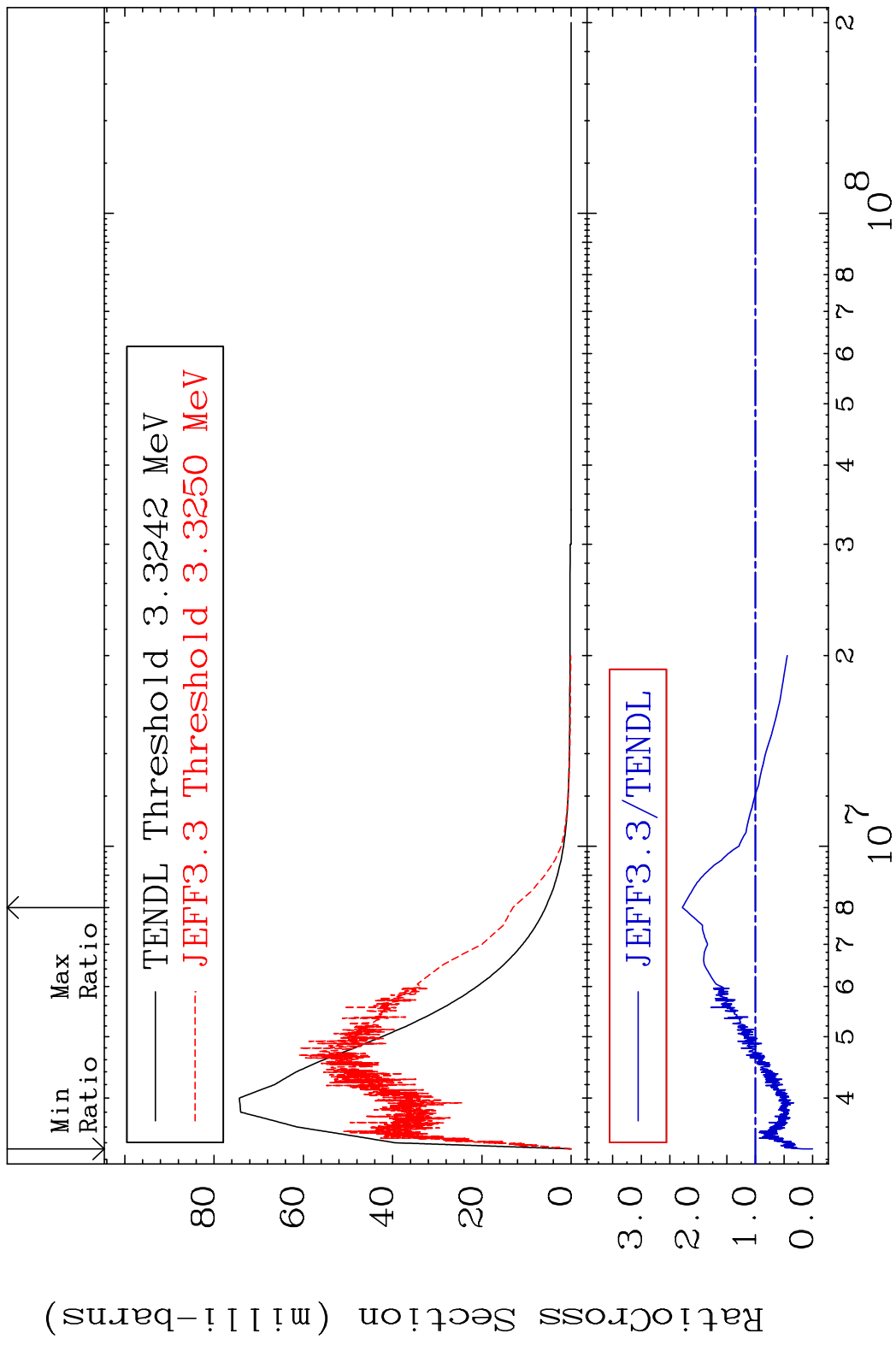
MAT 2831 MT= 58 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 7146. %



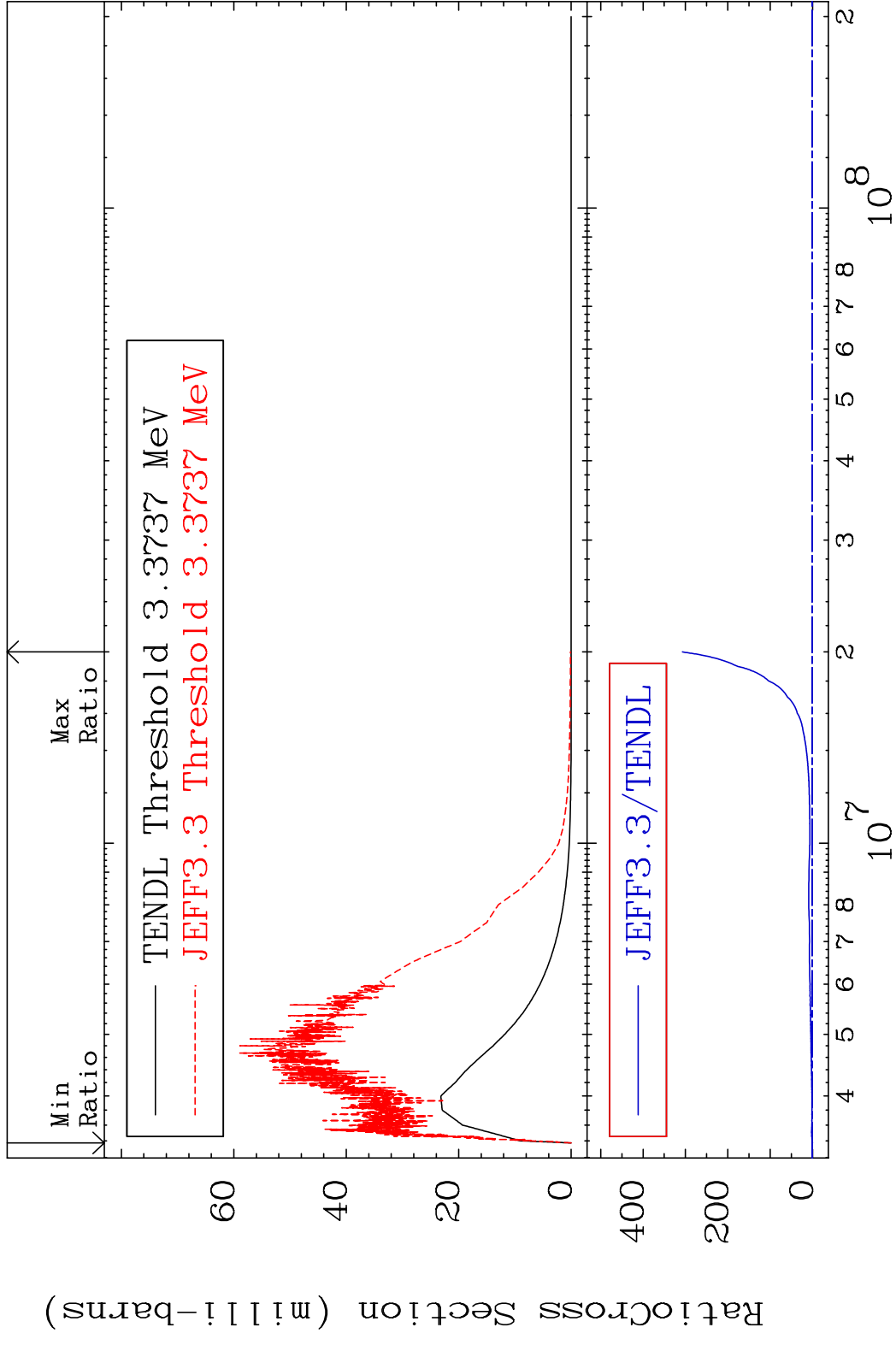
MAT 2831 MT= 59 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 5579. %



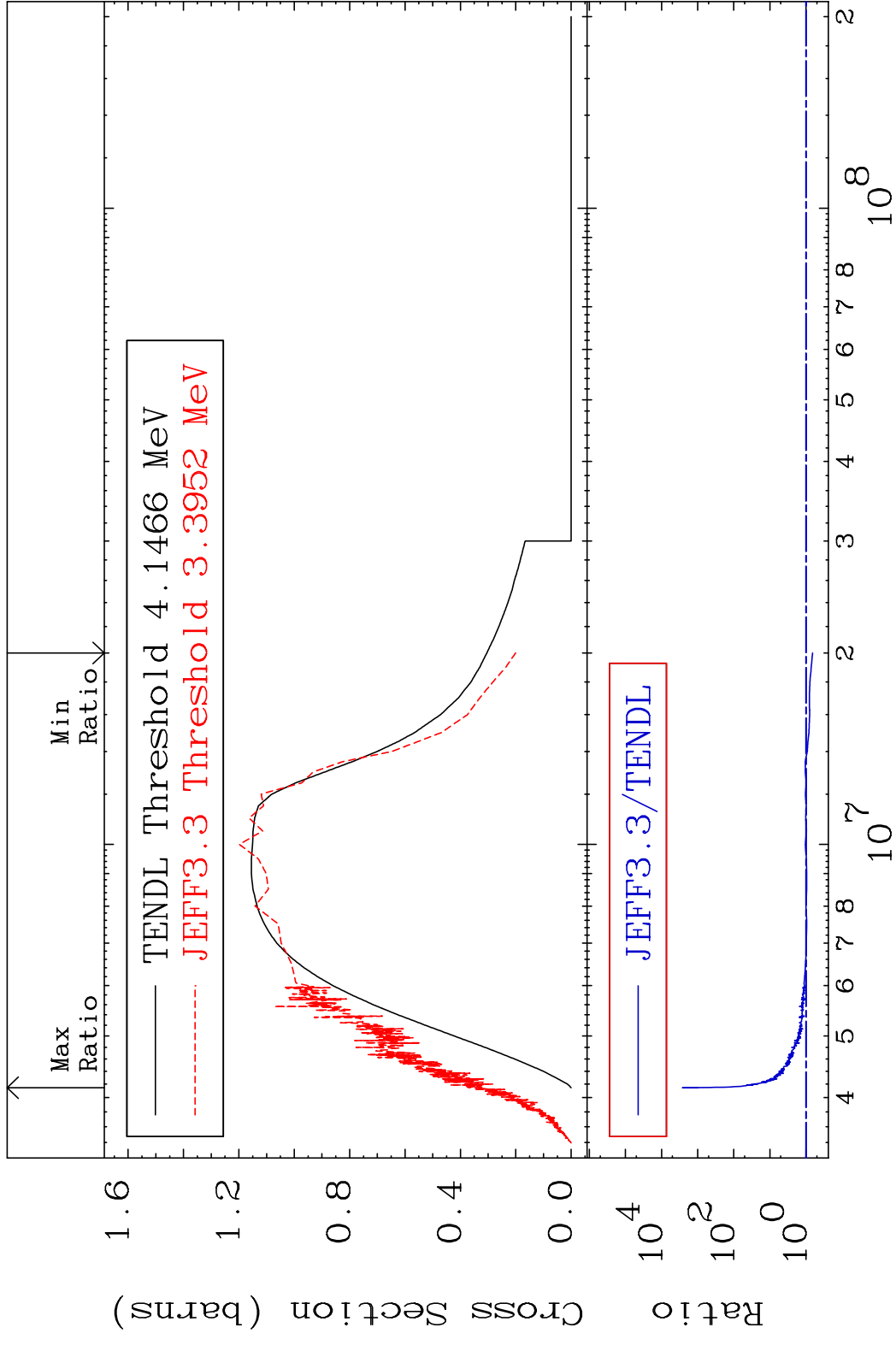
MAT 2831 MT= 60 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 128.0 %



MAT 2831 MT= 61 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 9999. %



MAT 2831 (n,n') Continuum 28-Ni-60
 Cross Section -34.10 To 9999. %

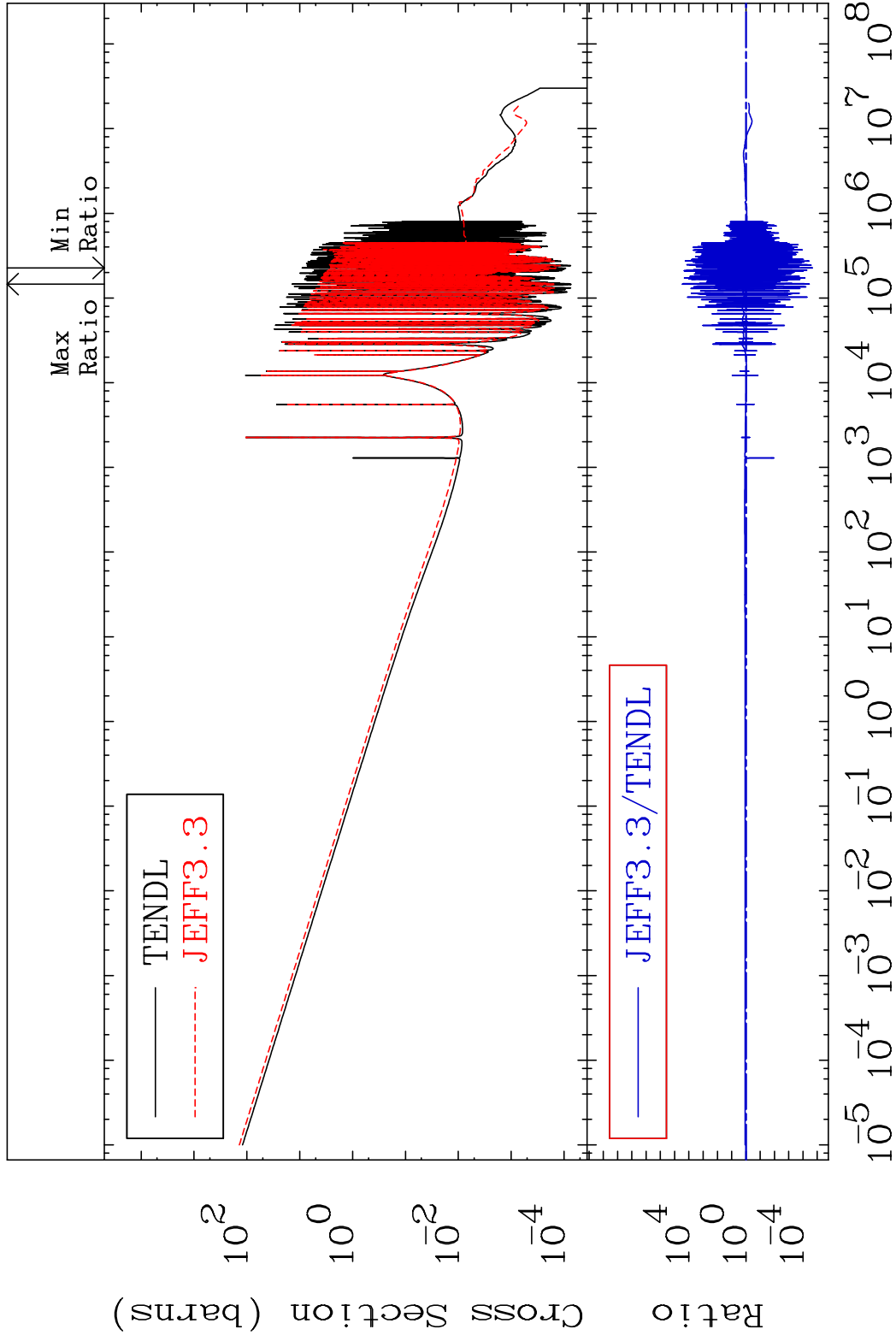


MAT 2831

(n, γ)

28-Ni-60

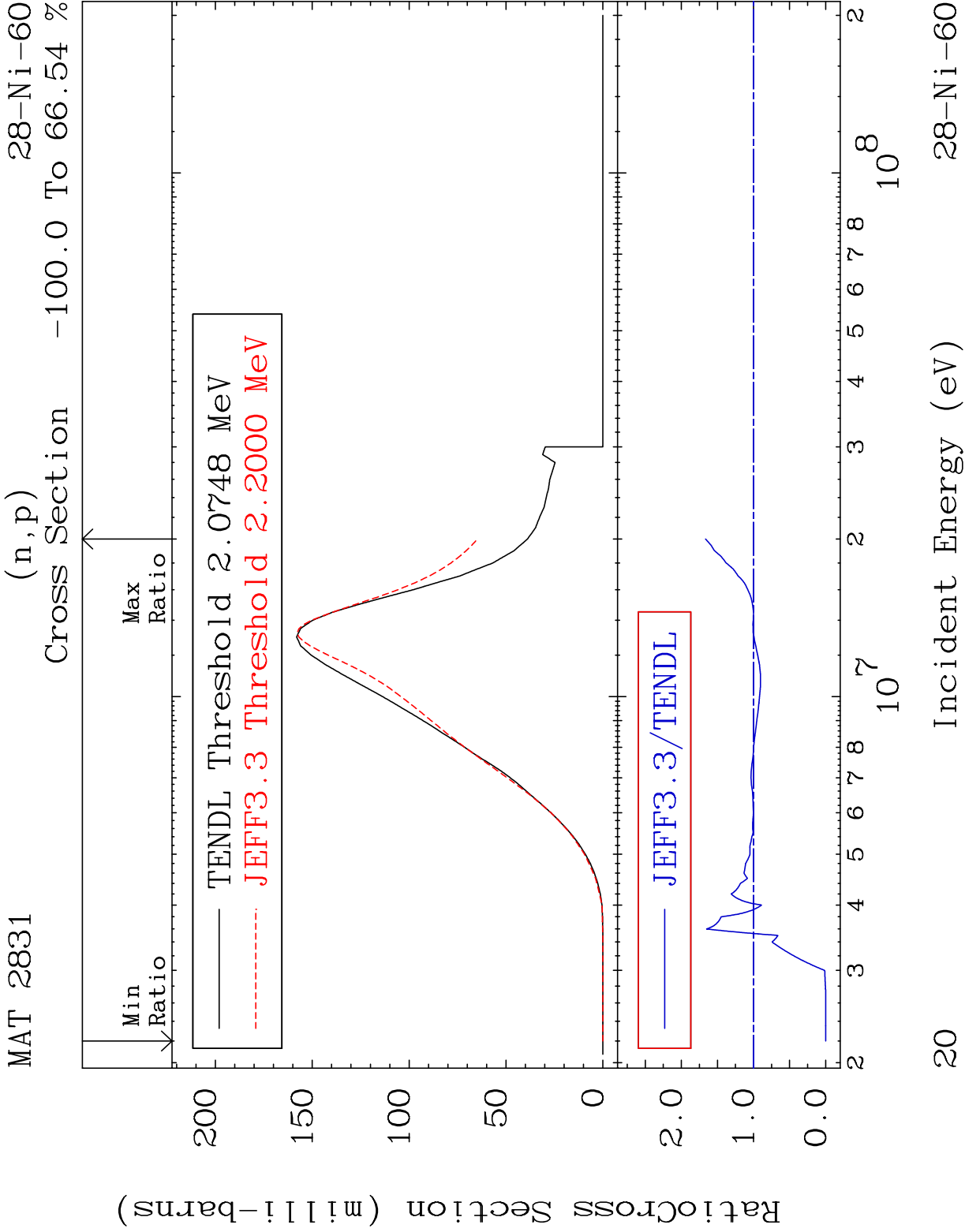
Cross Section -100.0 To 9999. %



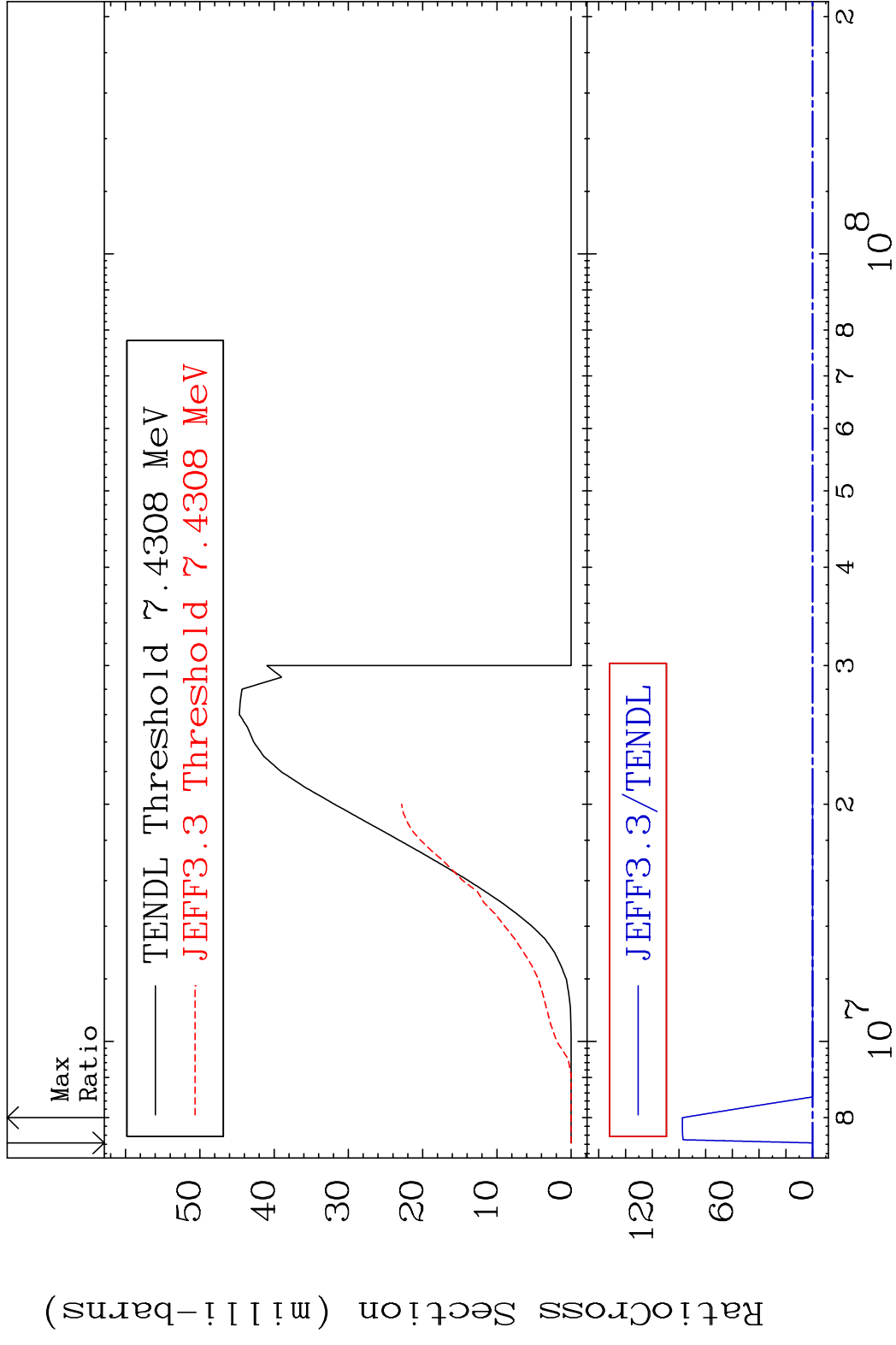
19

Incident Energy (eV)

28-Ni-60



MAT 2831 (n,d) 28-Ni-60
 Cross Section -100.0 To 9999. %

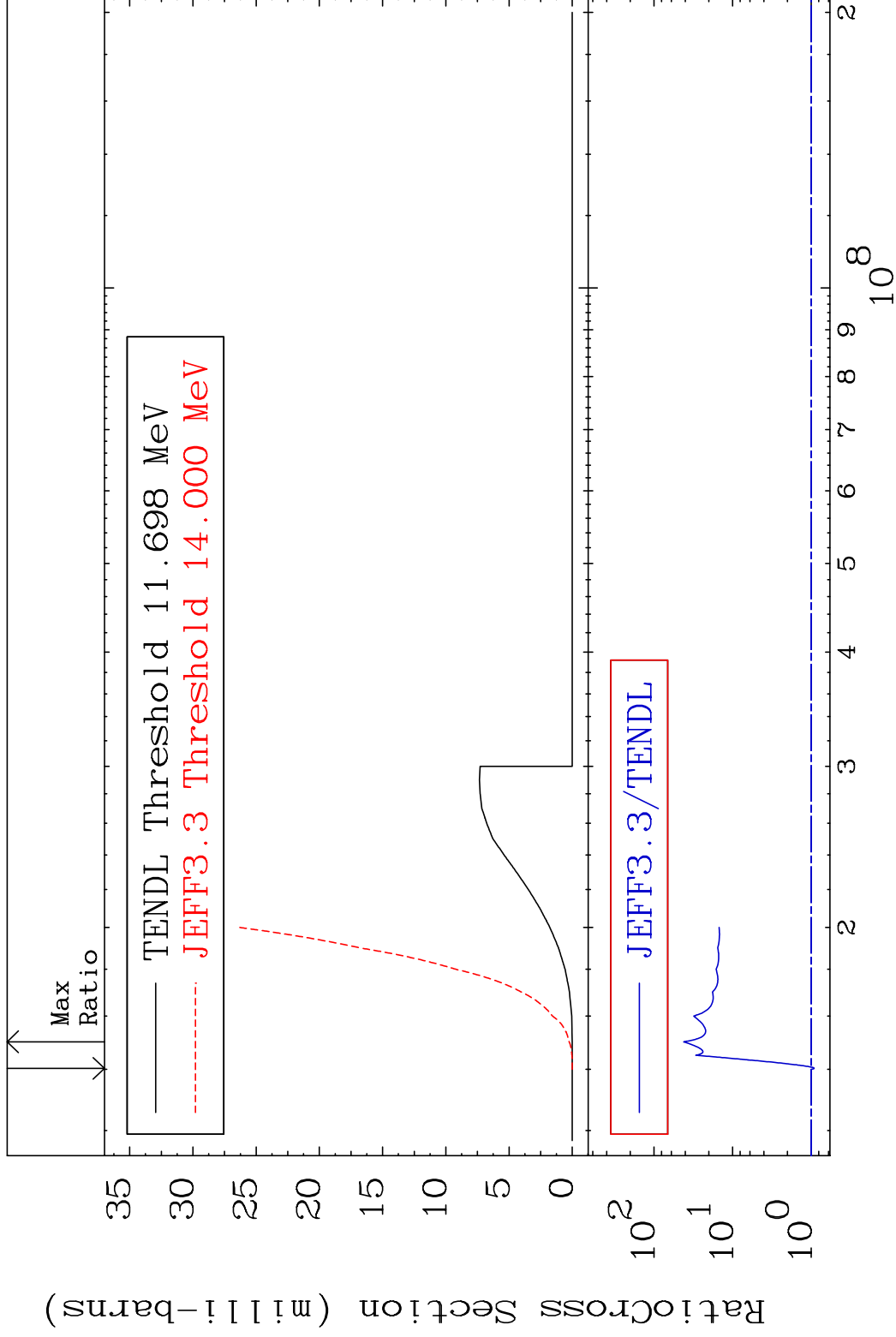


MAT 2831

(n, t)

28-Ni-60

Cross Section -8.215 To 4087. %



22

Incident Energy (eV)

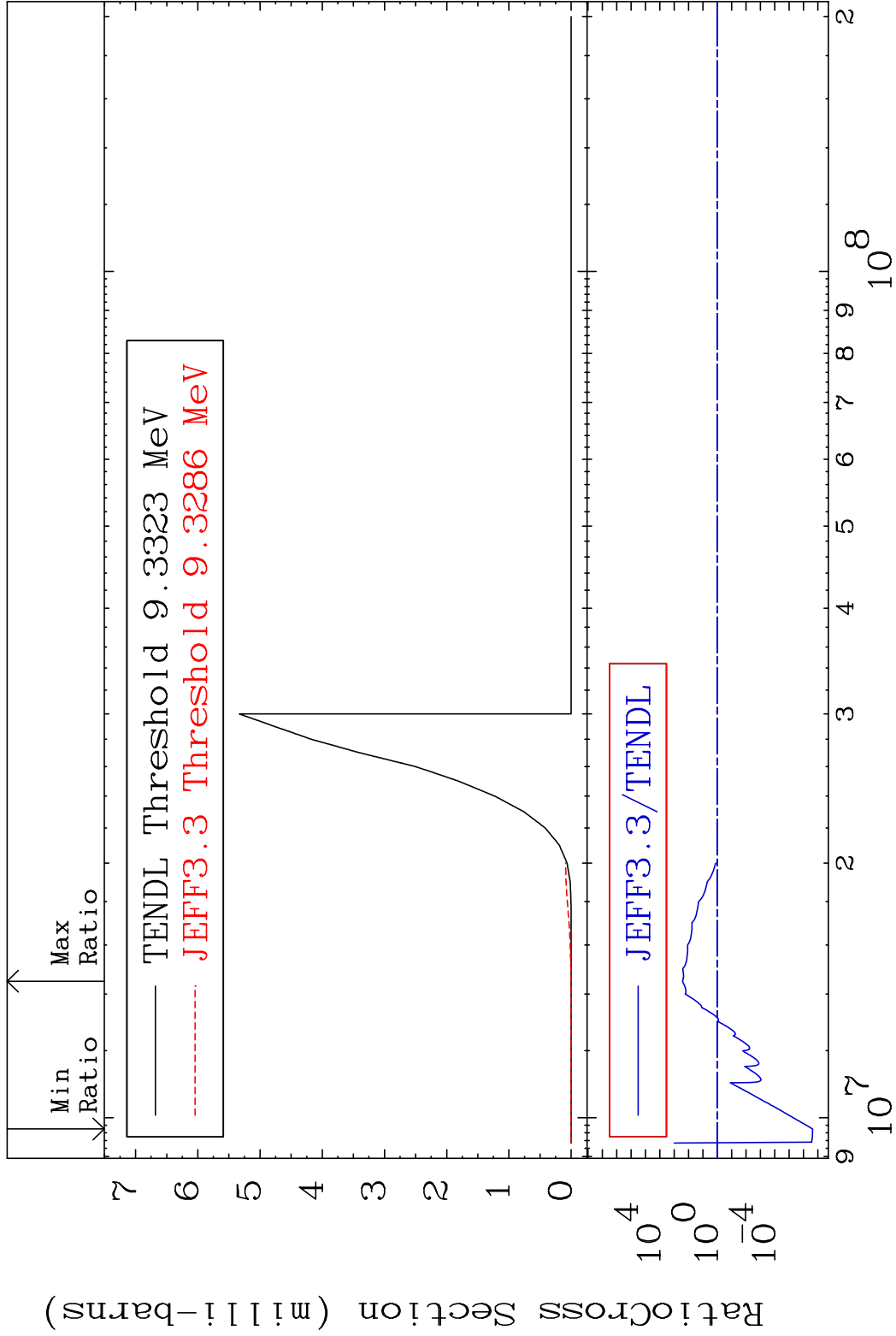
28-Ni-60

MAT 2831

(n, He-3)

28-Ni-60

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

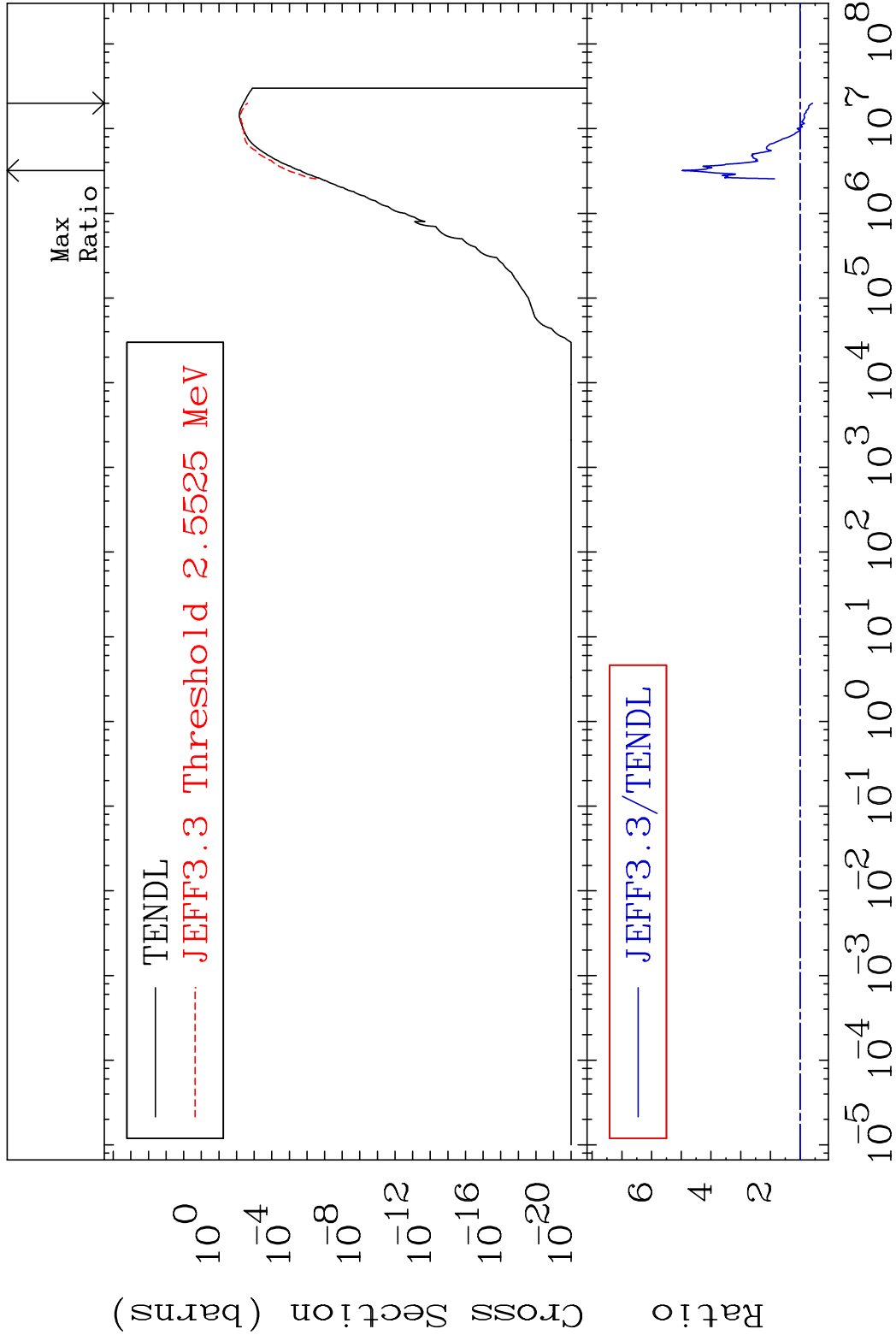
28-Ni-60

MAT 2831

(n, α)

28-Ni-60

Cross Section -41.68 To 396.4 %

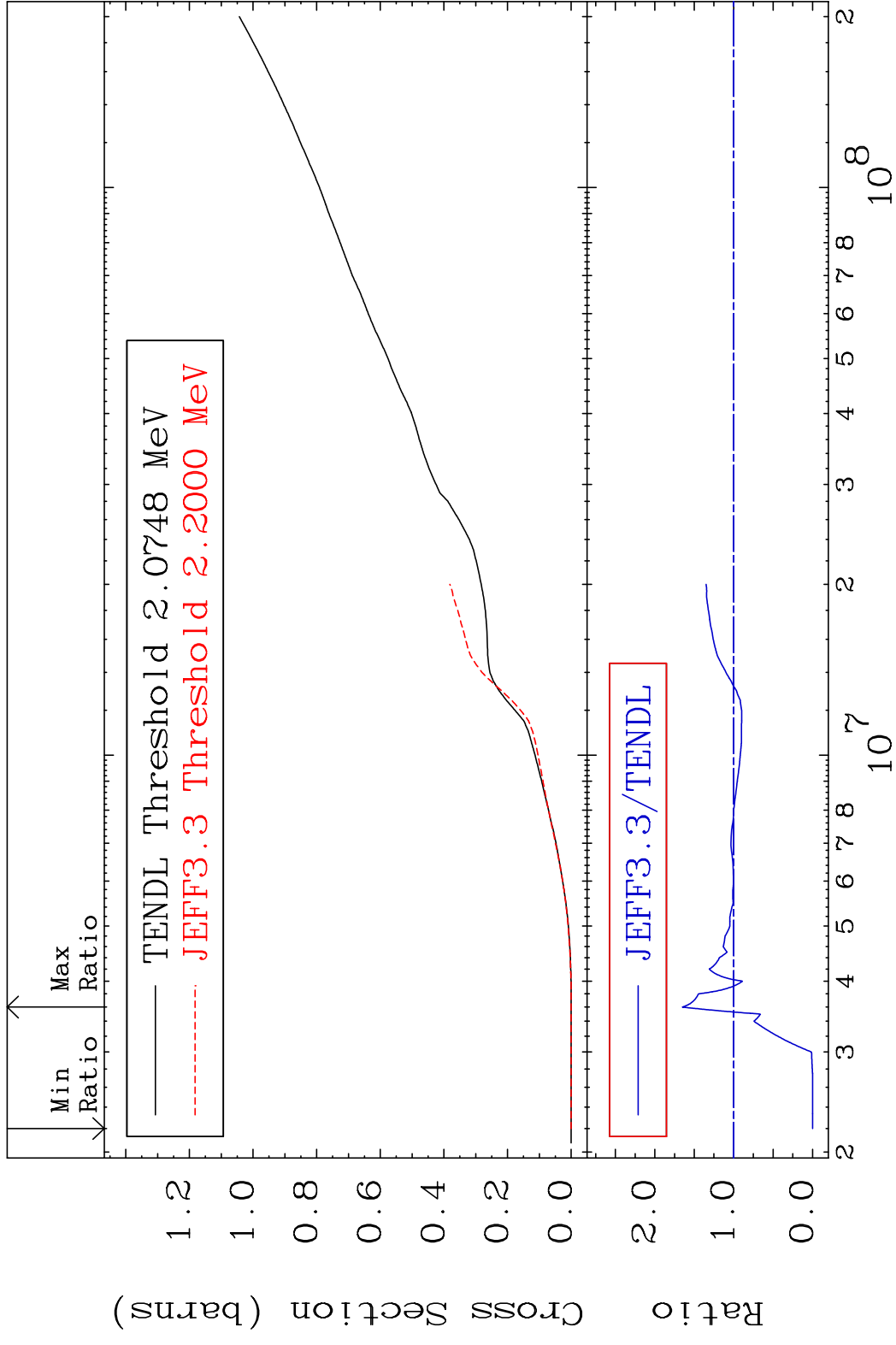


24

Incident Energy (eV)

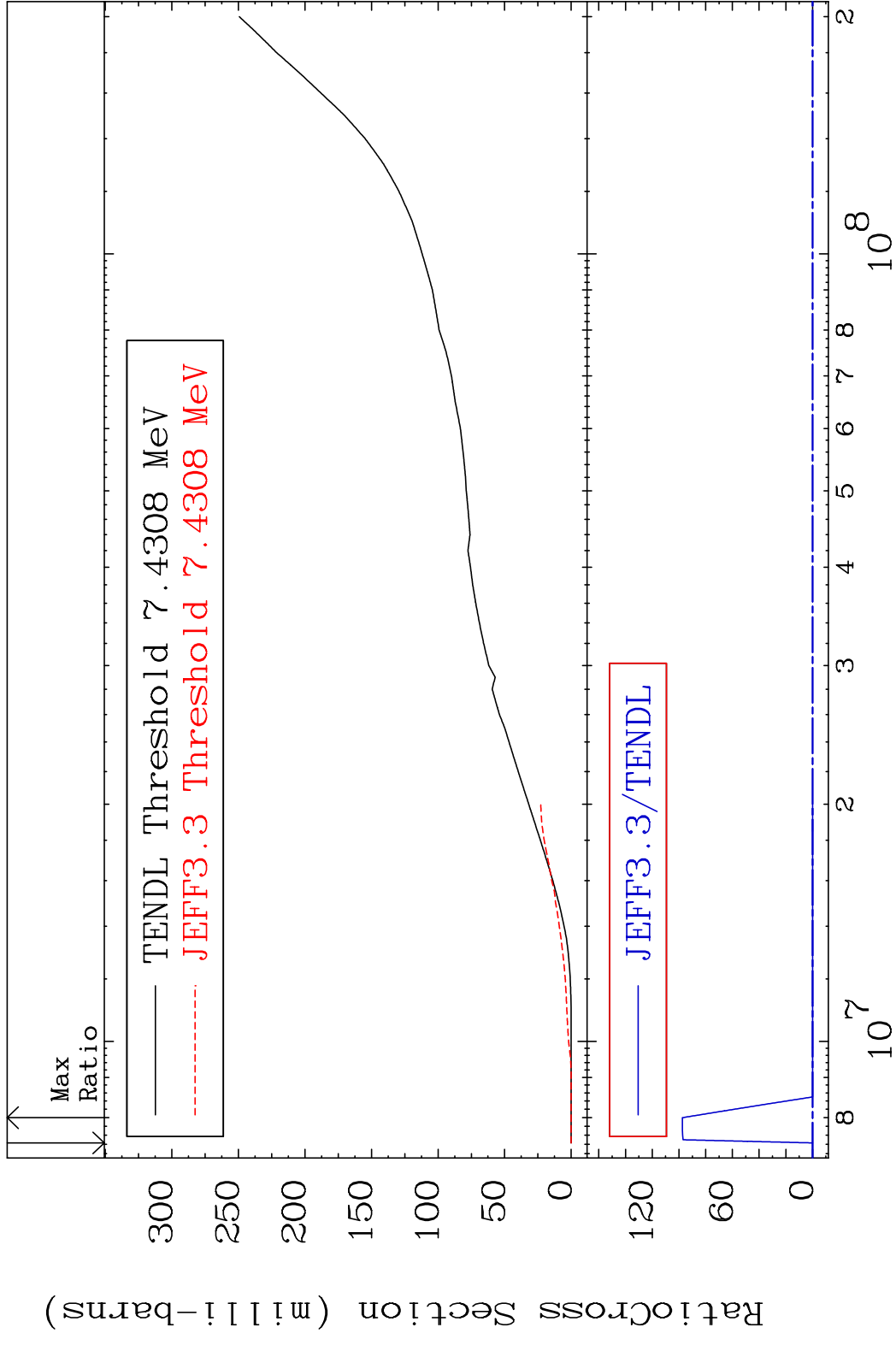
28-Ni-60

MAT 2831 Hydrogen Production 28-Ni-60
 Cross Section -100.0 To 65.08 %



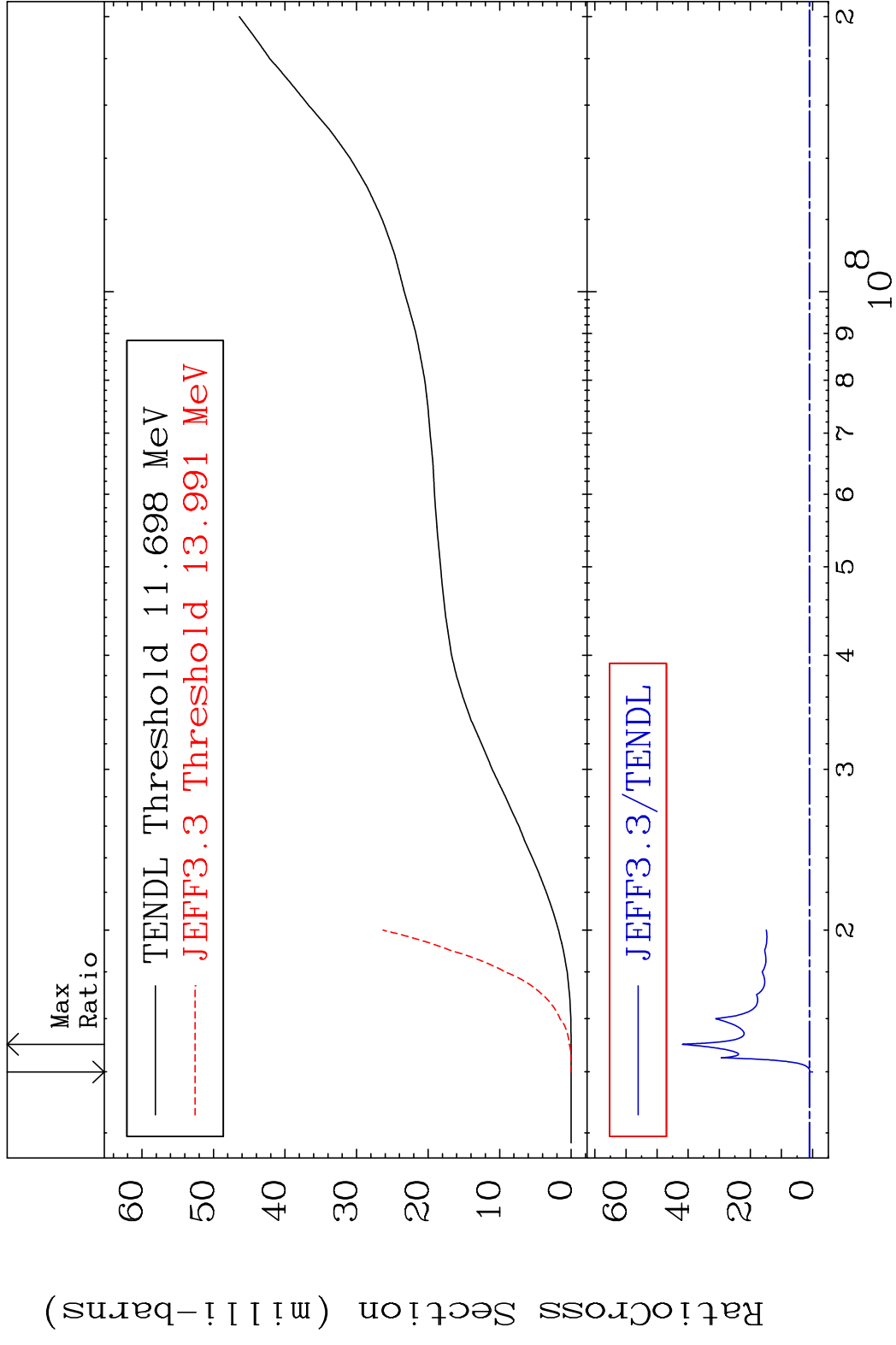
25 Incident Energy (eV) 28-Ni-60

MAT 2831 Deuterium Production 28-Ni-60
 Cross Section -100.0 To 9999. %



26 Incident Energy (eV) 28-Ni-60

MAT 2831 Tritium Production 28-Ni-60
 Cross Section -100.0 To 4087. %

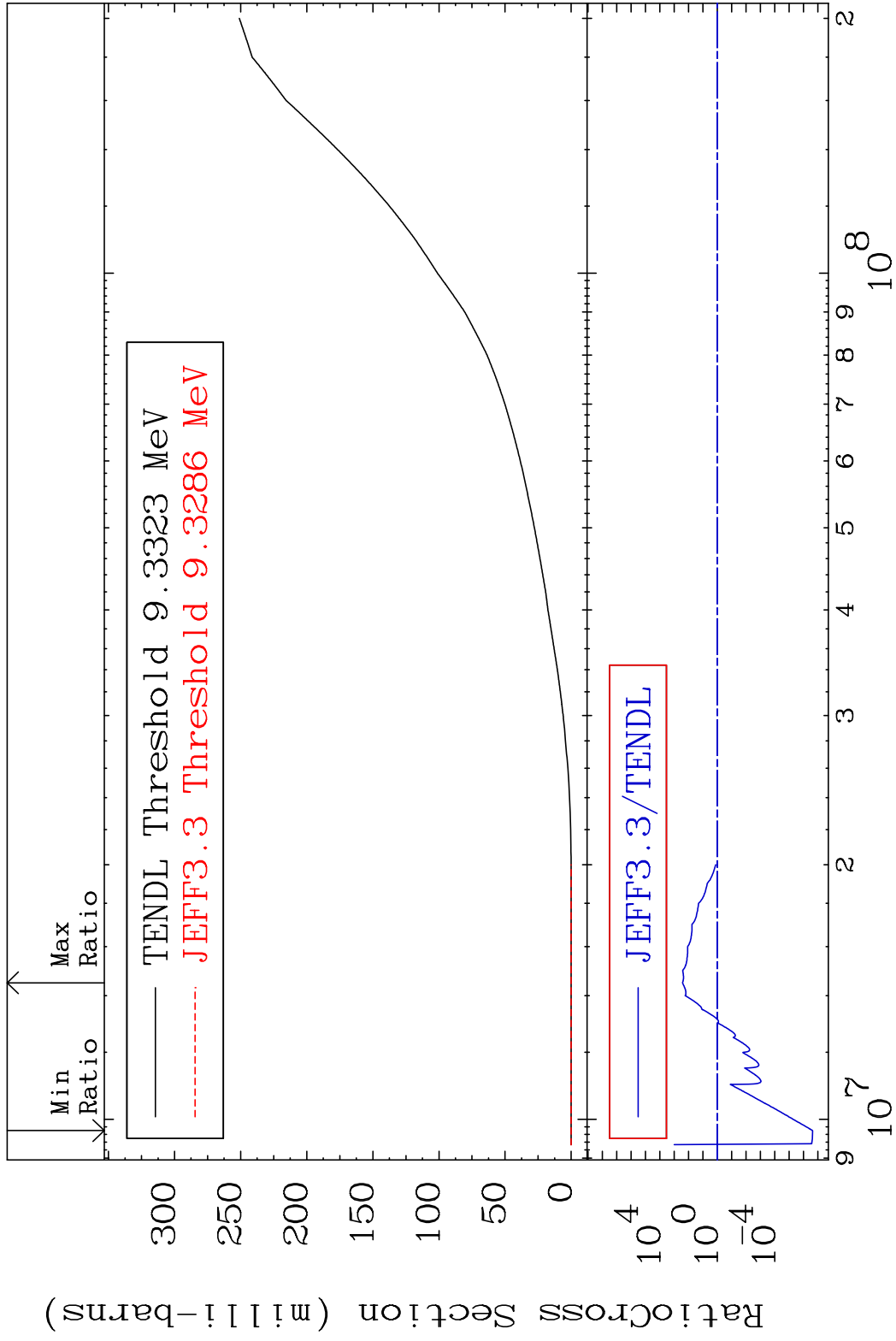


MAT 2831

He-3 Production

28-Ni-60

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

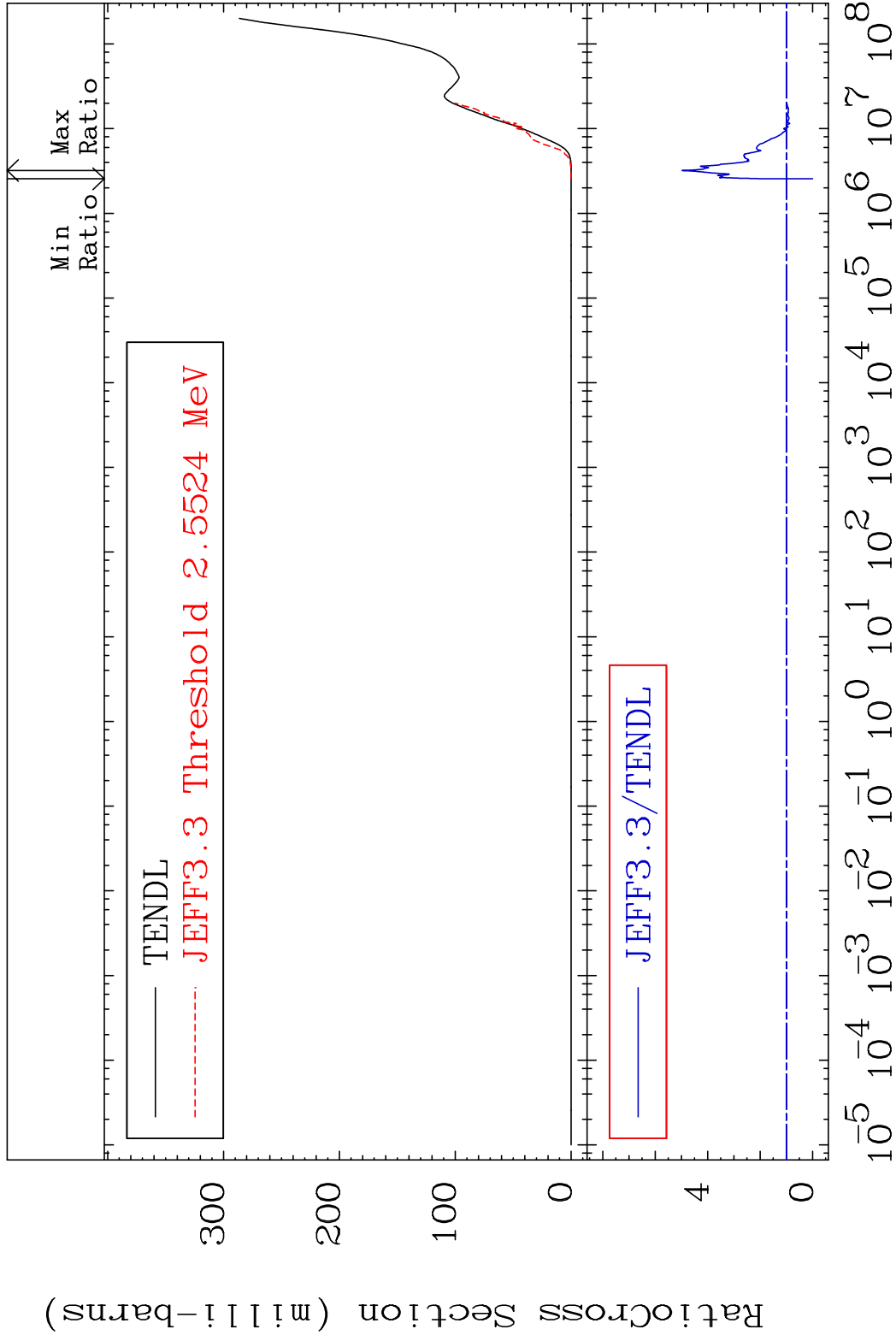
28-Ni-60

MAT 2831

He-4 Production

28-Ni-60

Cross Section -100.0 To 396.4 %

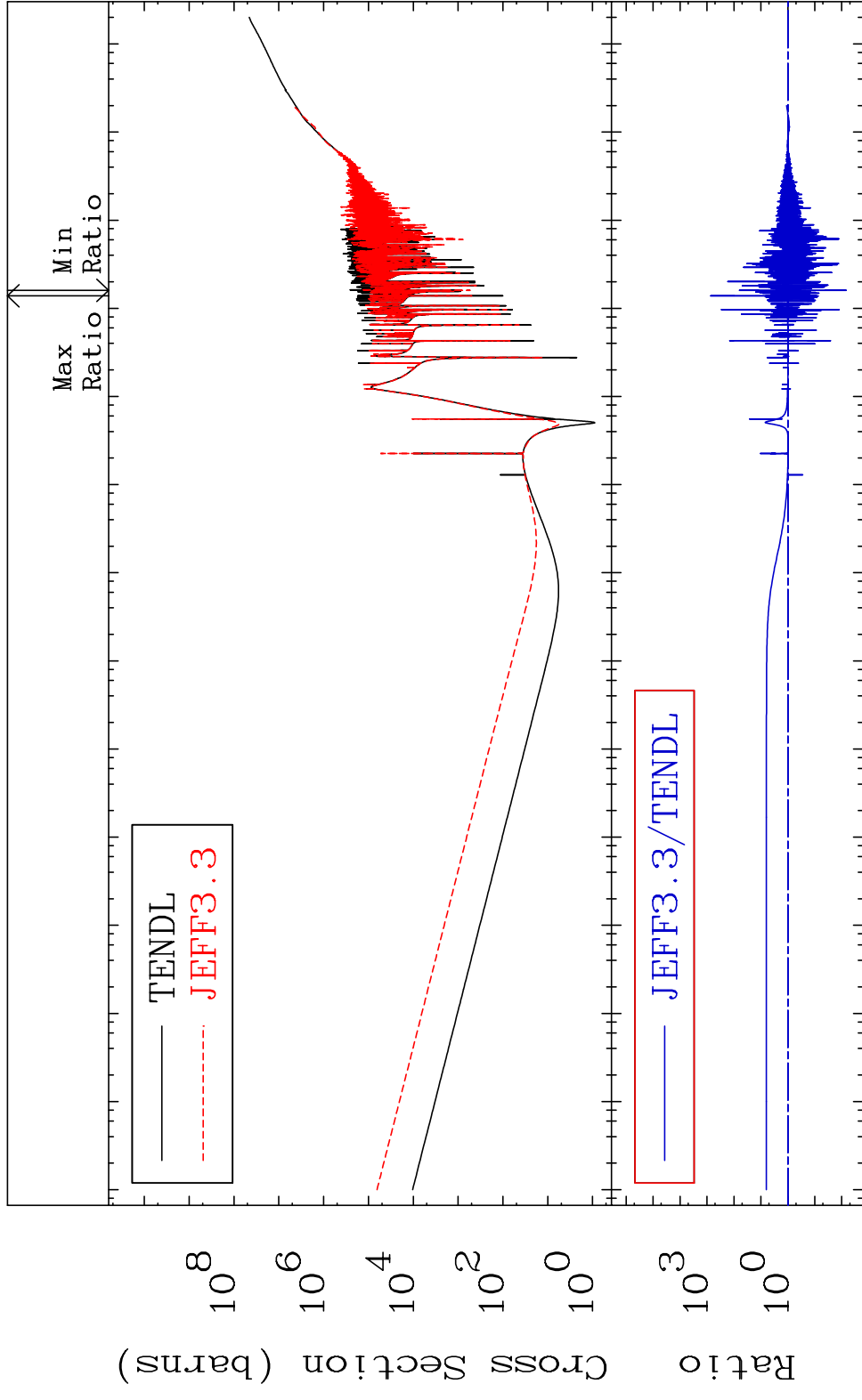


29

Incident Energy (eV)

28-Ni-60

MAT 2831 Kerma total (eV-barns) 28-Ni-60
 Cross Section -99.32 To 9999. %



Ratio
 10^3
 10^0

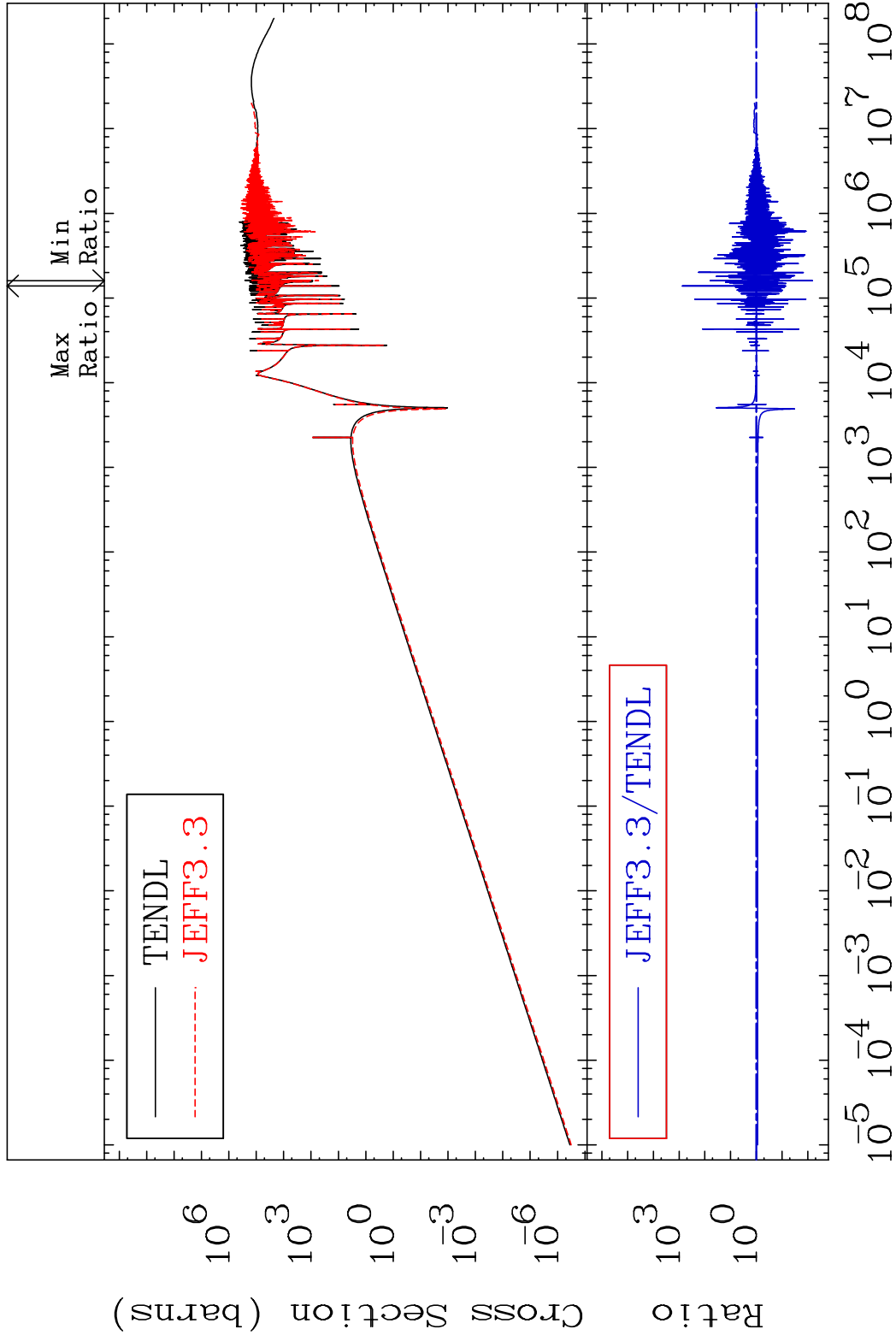
Incident Energy (eV) 28-Ni-60

30

MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-99.34 To 9999. %

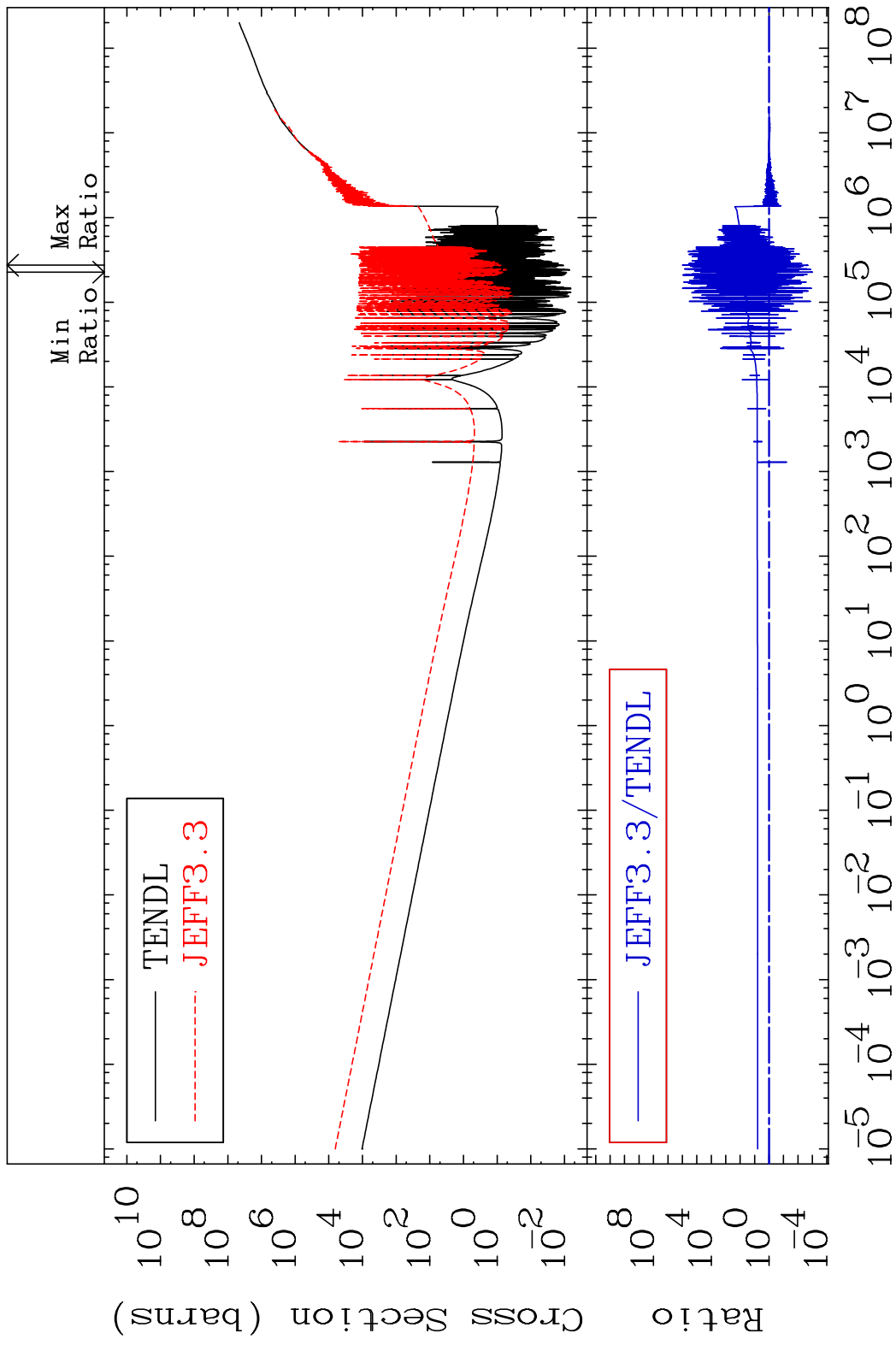


31

Incident Energy (eV)

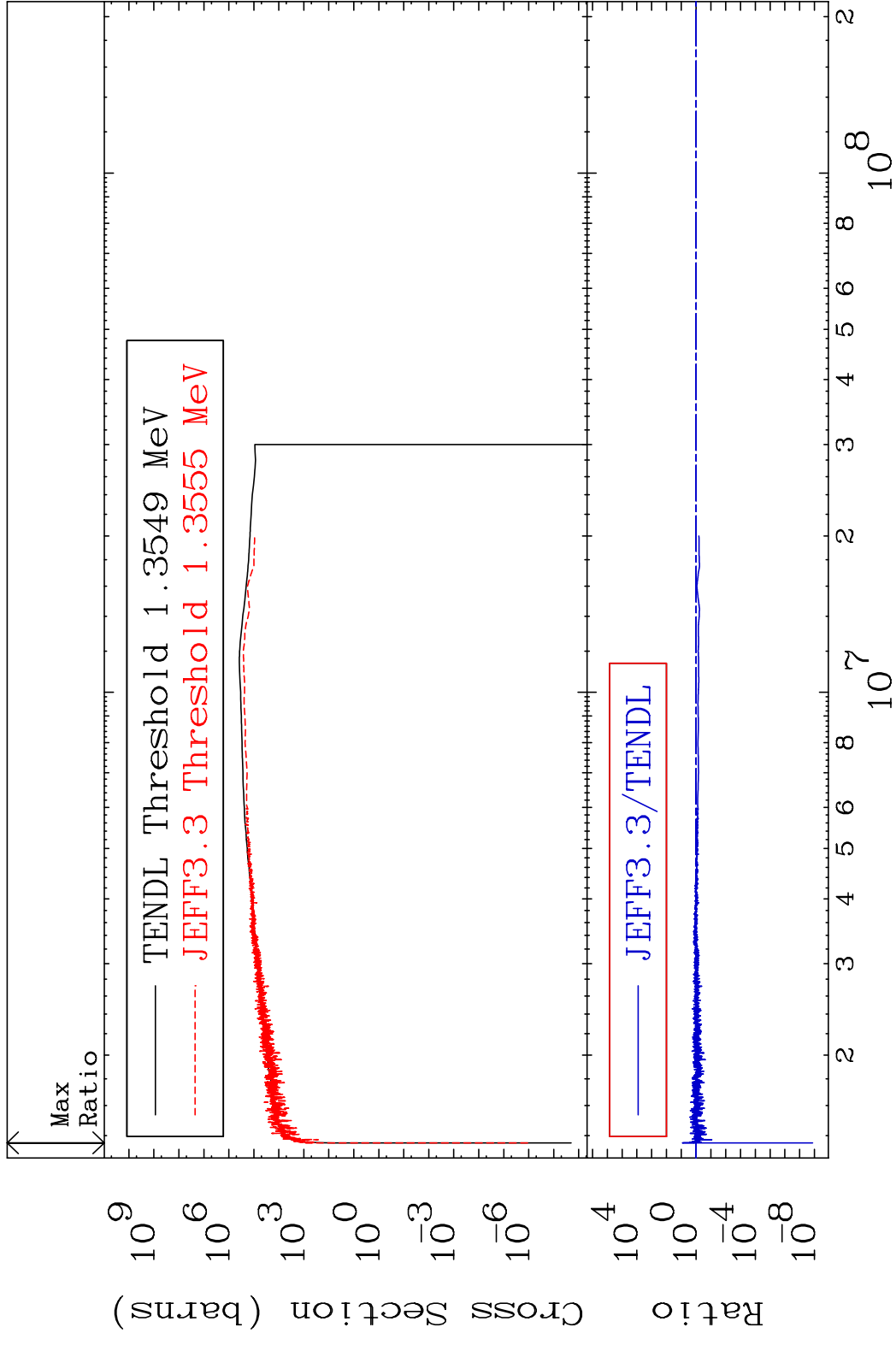
28-Ni-60

MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60
 Cross Section -99.90 To 9999. %

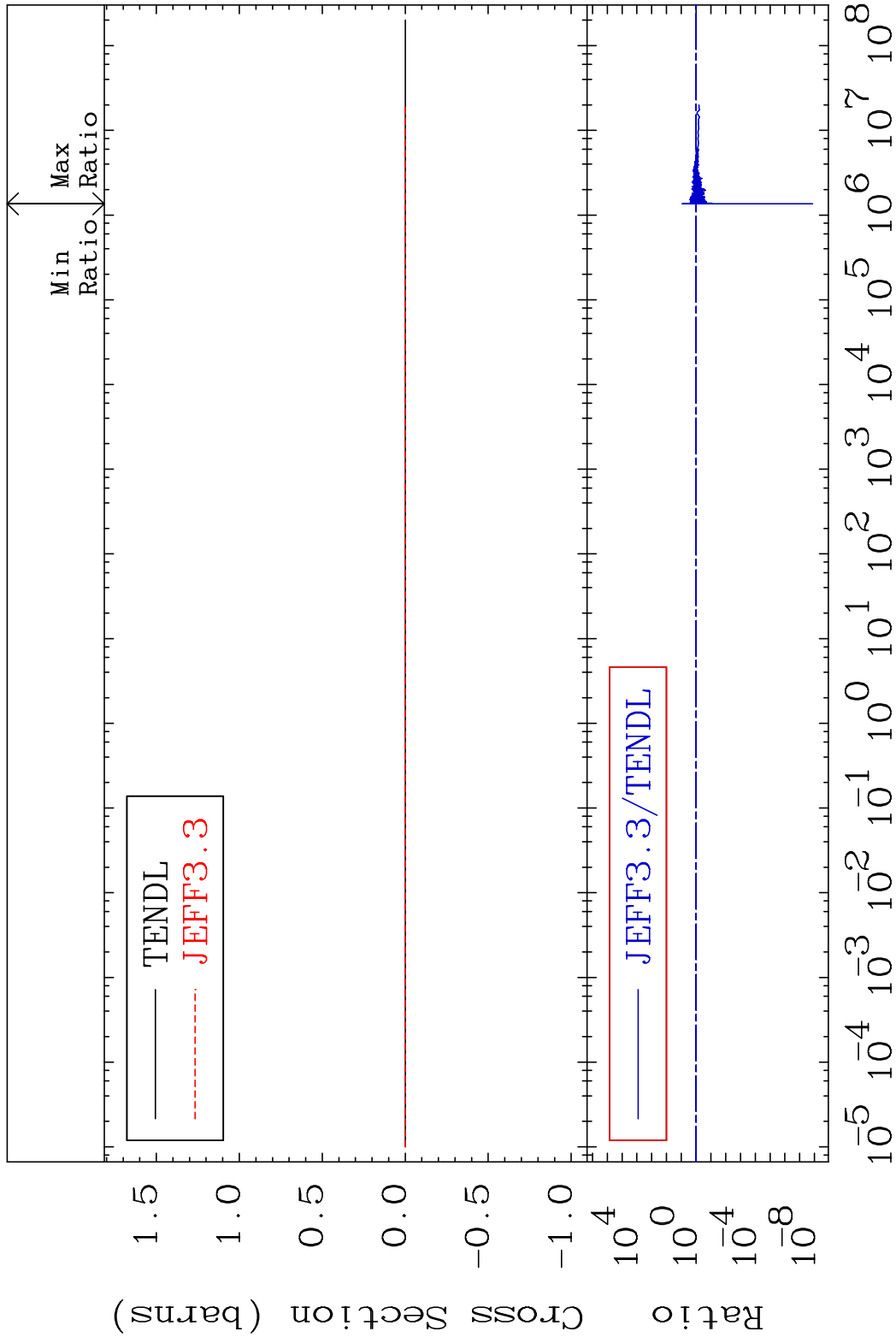


32 Incident Energy (eV) 28-Ni-60

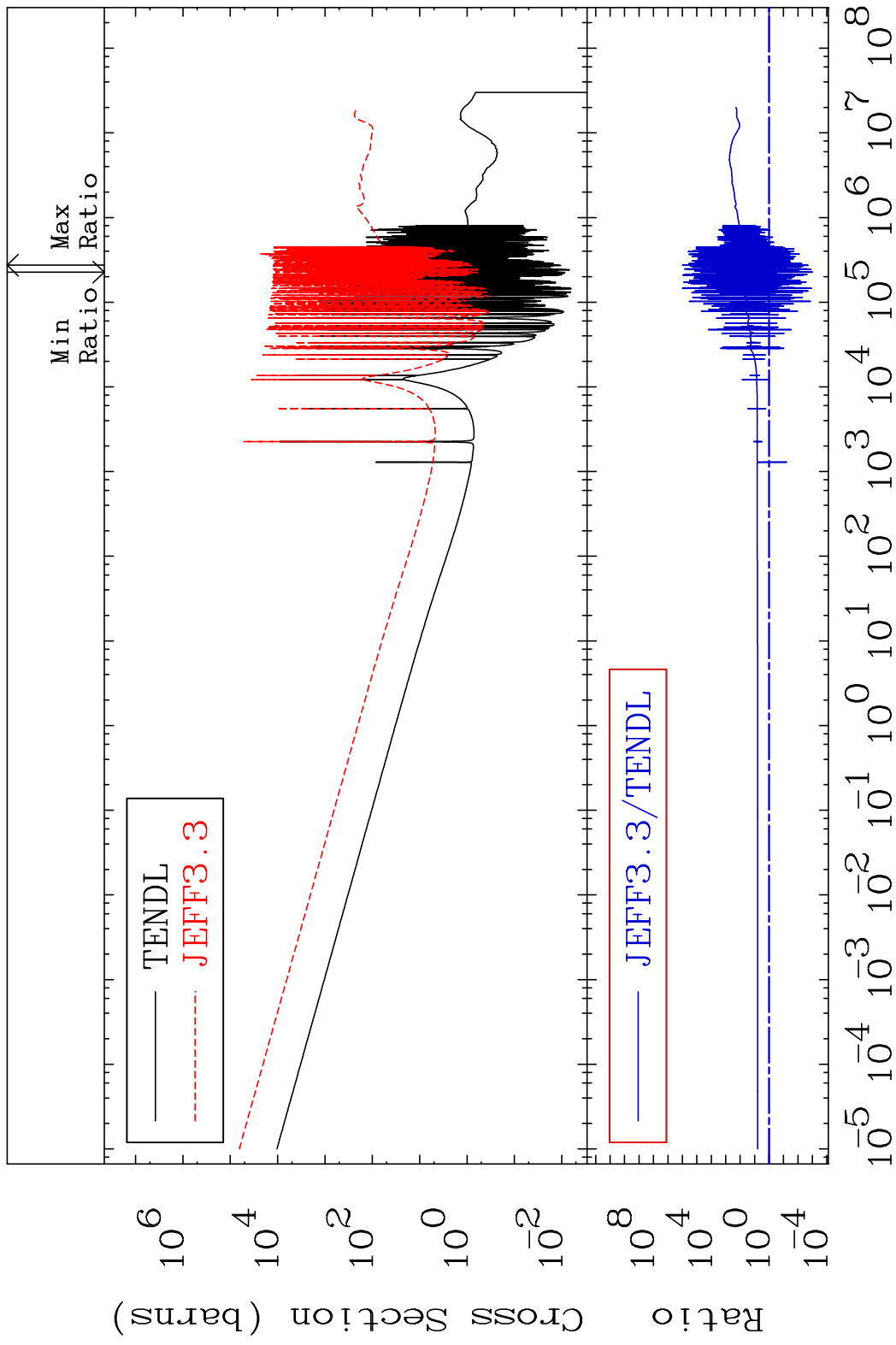
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 746.1 %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60
 Cross Section -100.0 To 746.1 %

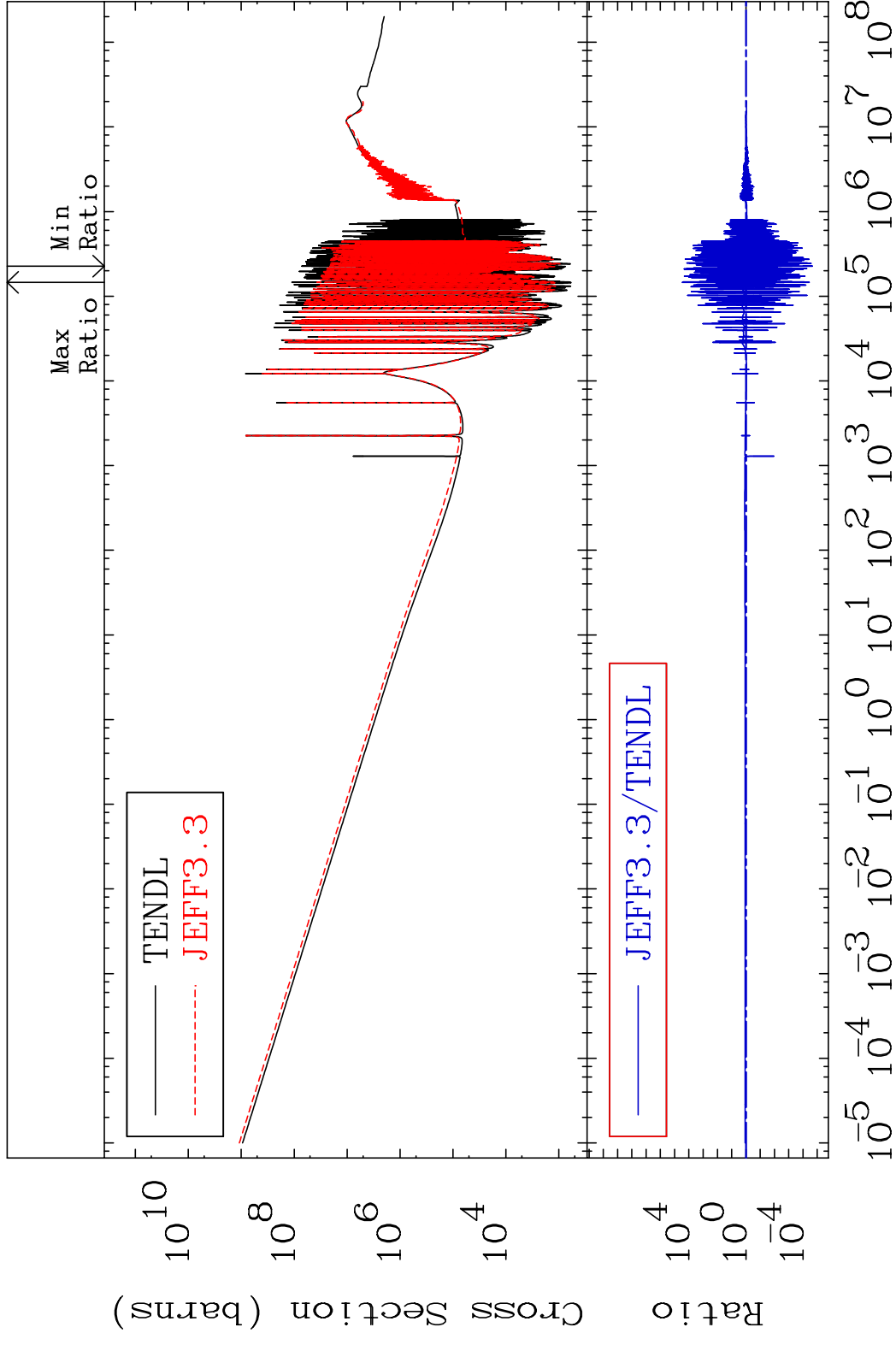


MAT 2831 Kerma capture (mt102) 28-Ni-60
 Cross Section -99.90 To 9999. %



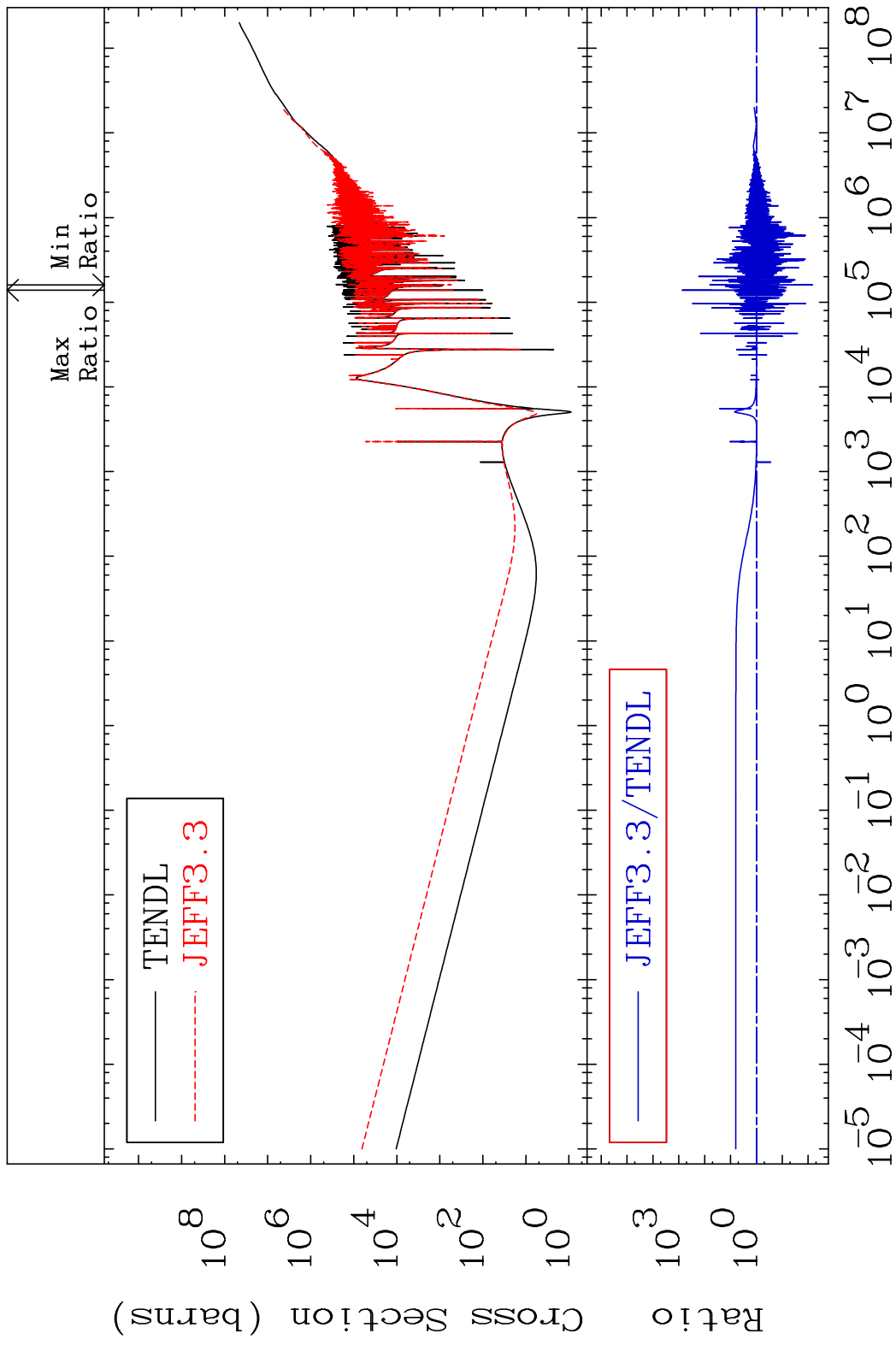
35 Incident Energy (eV) 28-Ni-60

MAT 2831 Total photon (eV-barns) 28-Ni-60
 Cross Section -100.0 To 9999. %

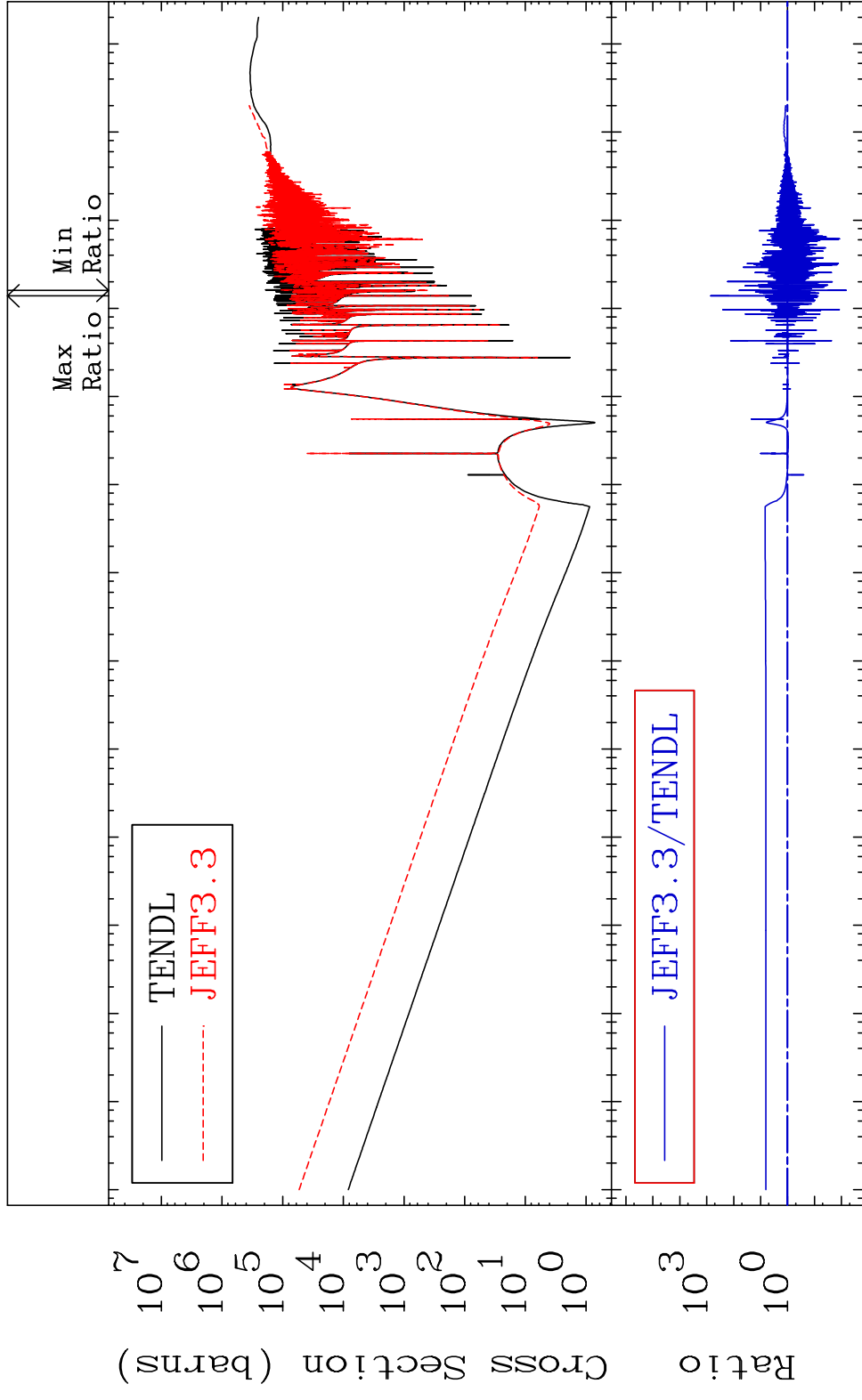


36 Incident Energy (eV) 28-Ni-60

MAT 2831 Total kinematic kerma (high limit) 28-Ni-60
 Cross Section -99.32 To 9999. %



MAT 2831 Dpa total (eV-barns) 28-Ni-60
 Cross Section -99.34 To 9999. %



38 Incident Energy (eV) 28-Ni-60

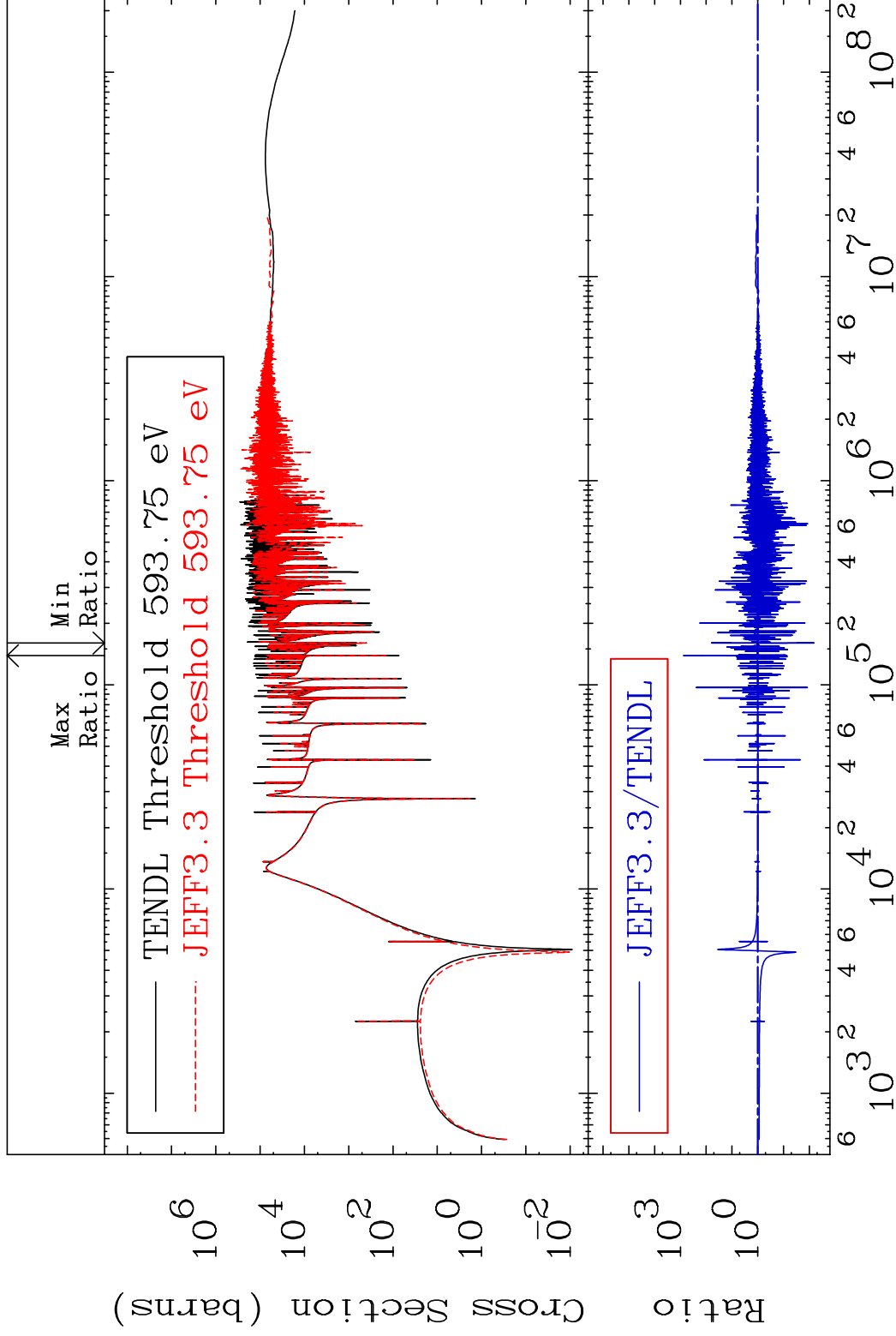
MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section

-99.34 To 9999. %

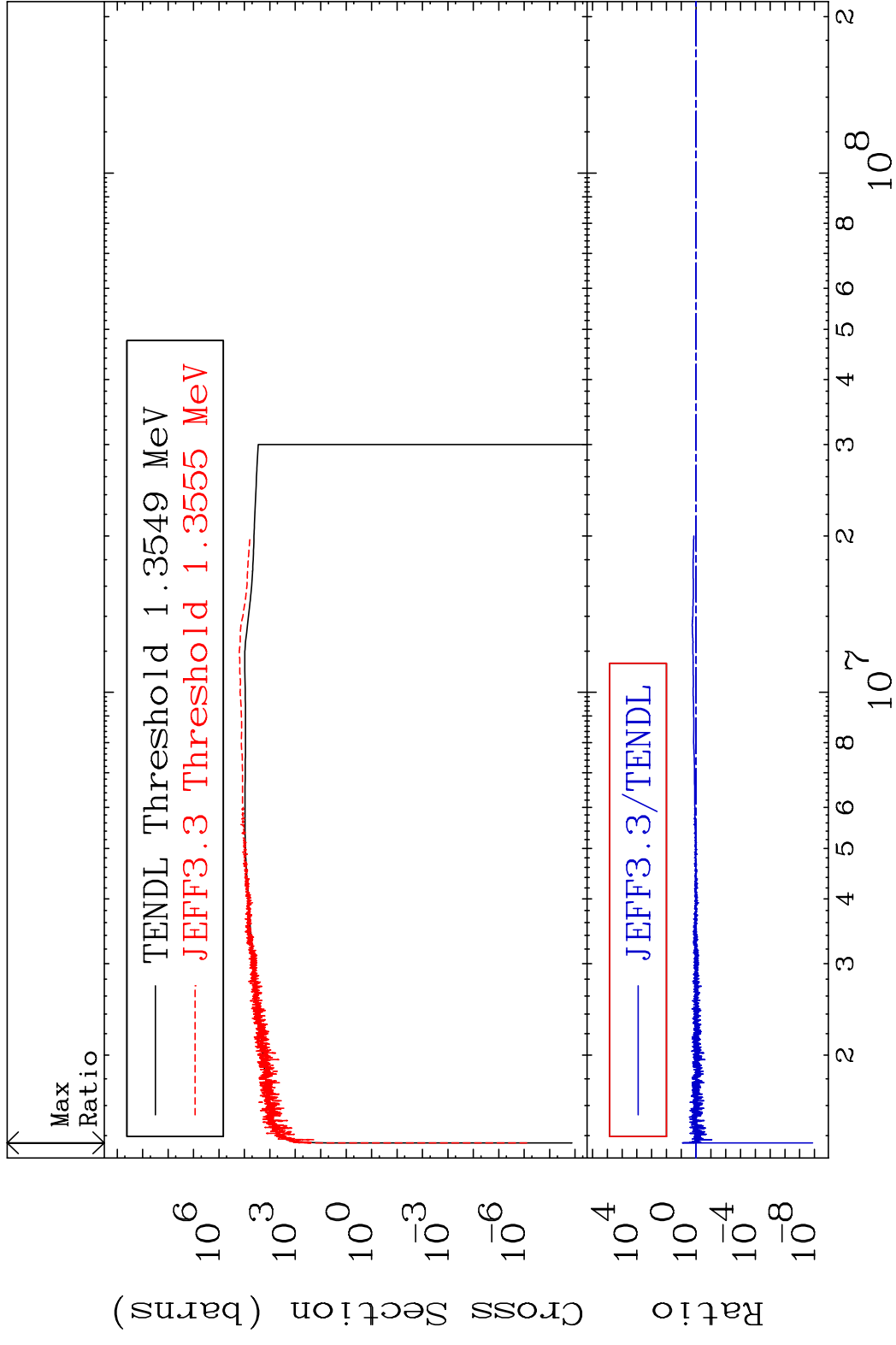


39

Incident Energy (eV)

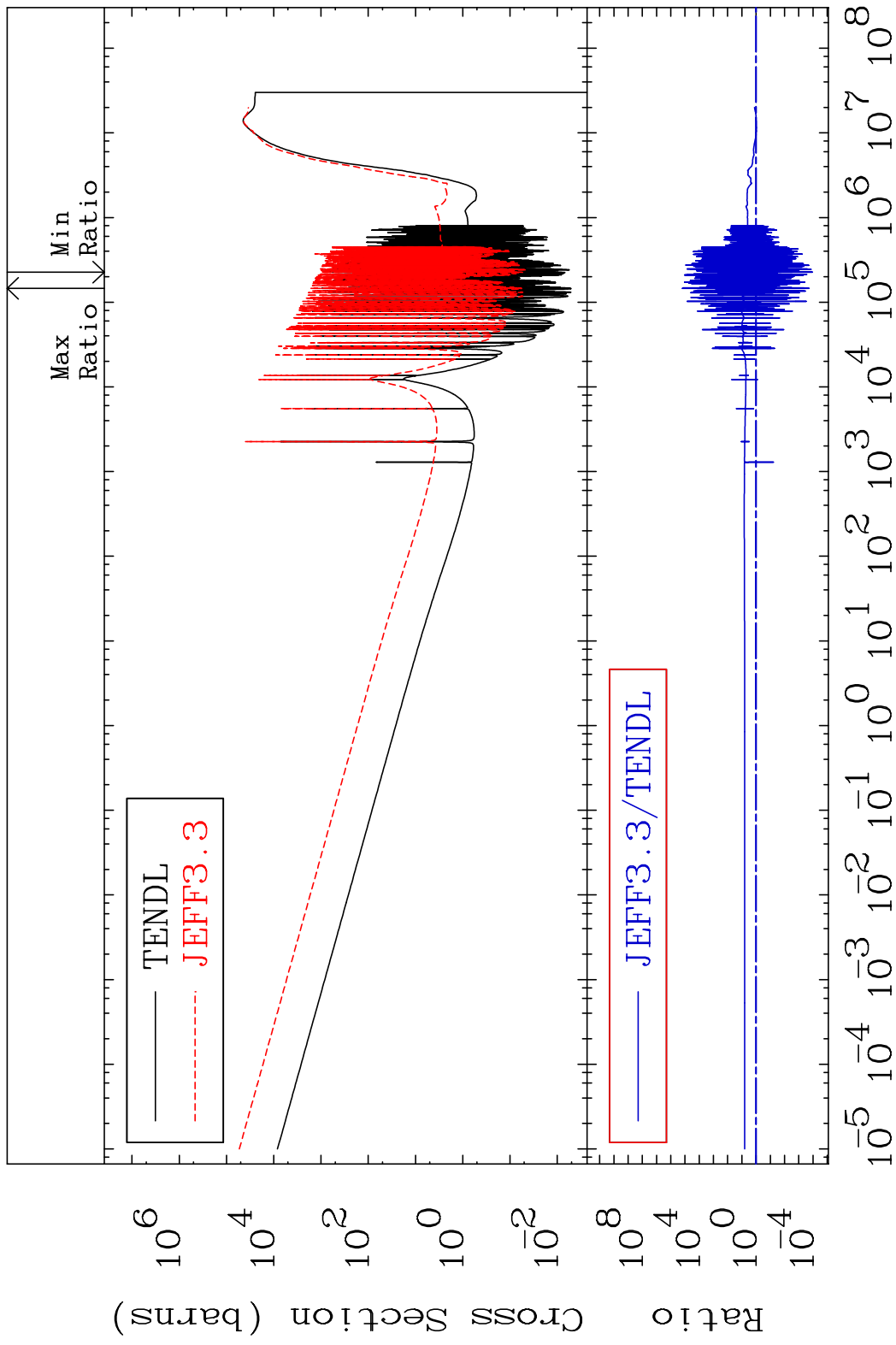
28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) ²⁸Ni-60
 Cross Section -100.0 To 747.3 %



40 Incident Energy (eV) ²⁸Ni-60

MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60
 Cross Section -99.99 To 9999. %

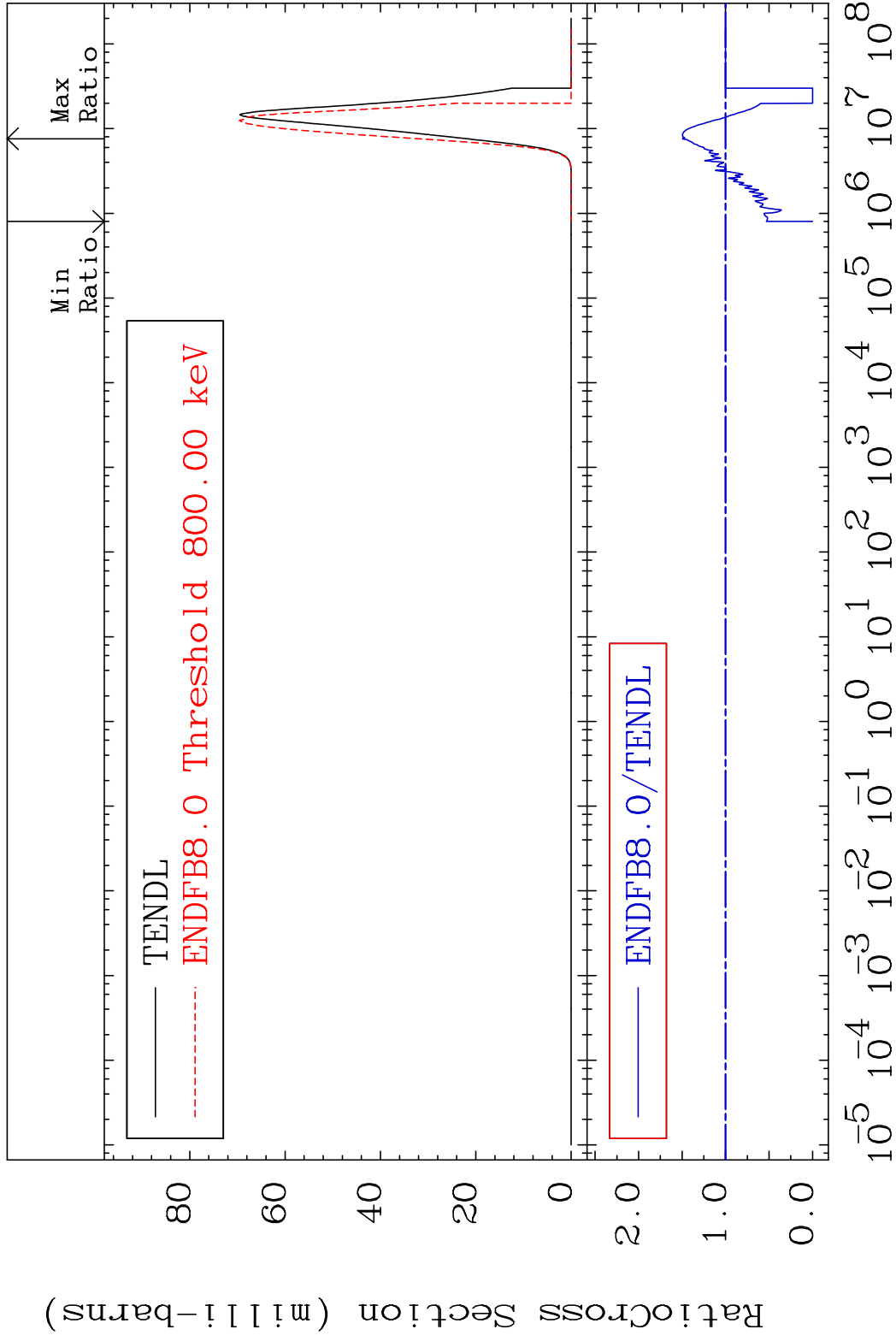


MAT 2831

(n, α)

28-Ni-60

Cross Section -100.0 To 49.70 %

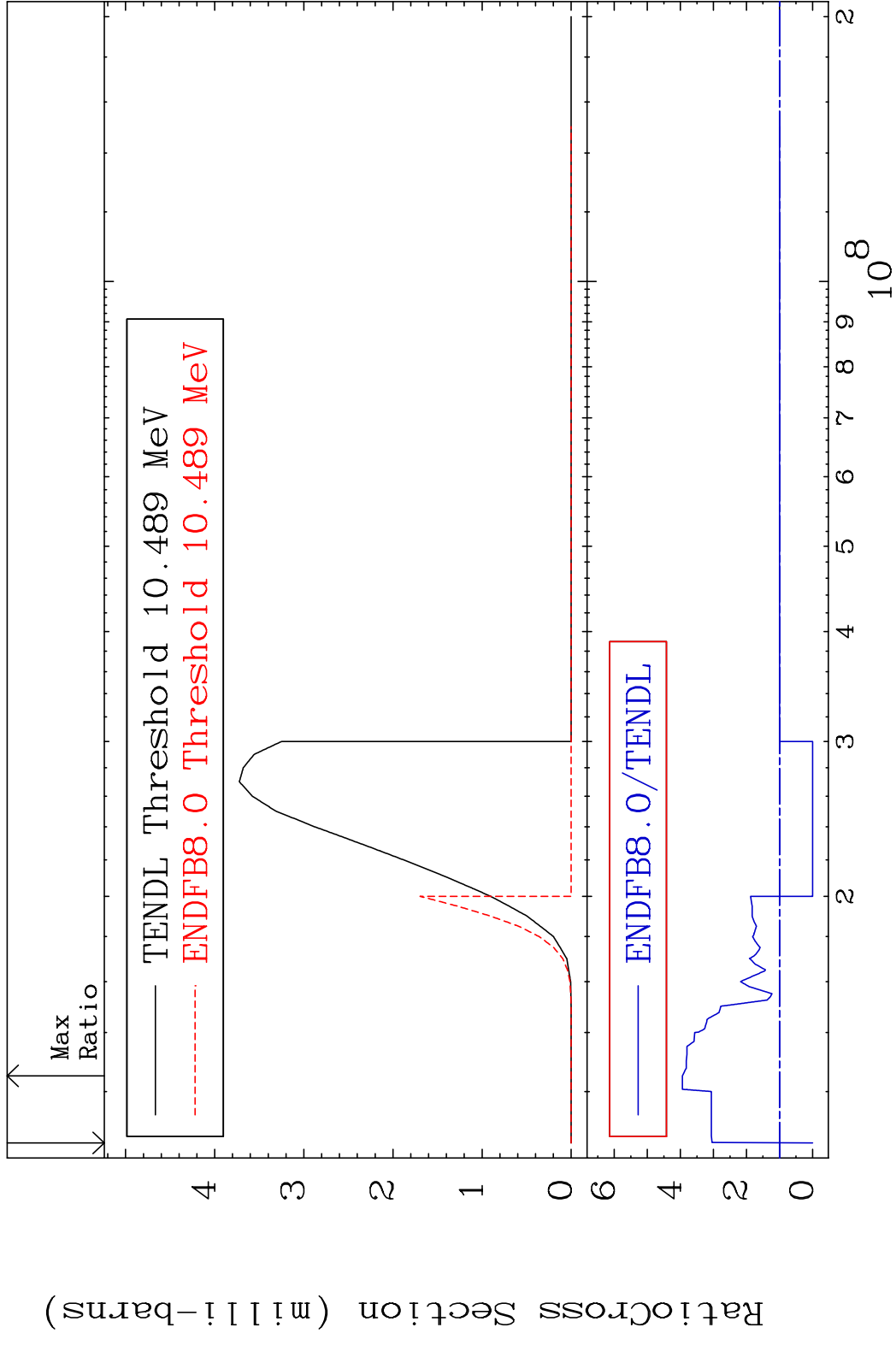


42

Incident Energy (eV)

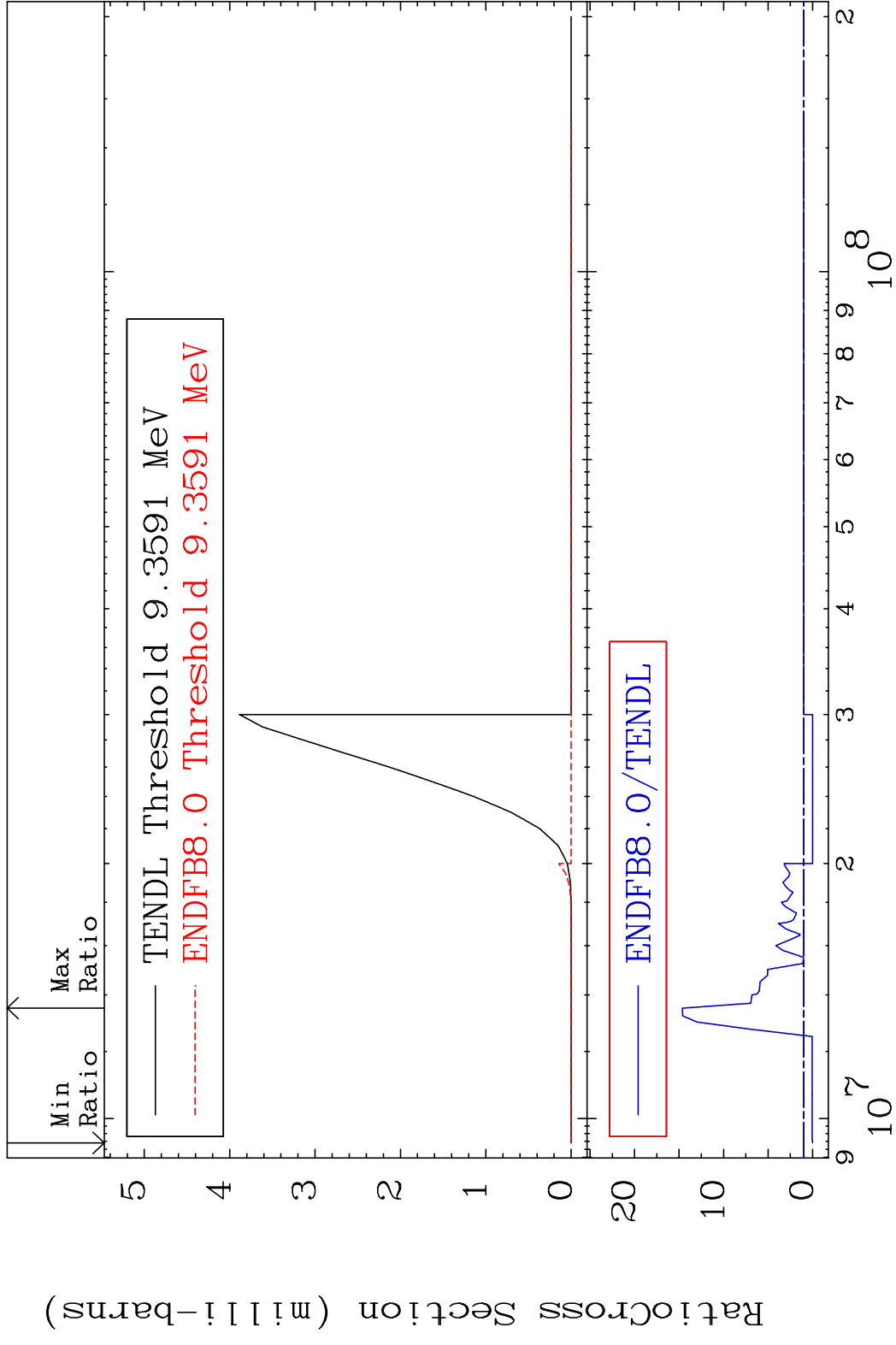
28-Ni-60

MAT 2831 (n,2p) 28-Ni-60
 Cross Section -100.0 To 294.0 %

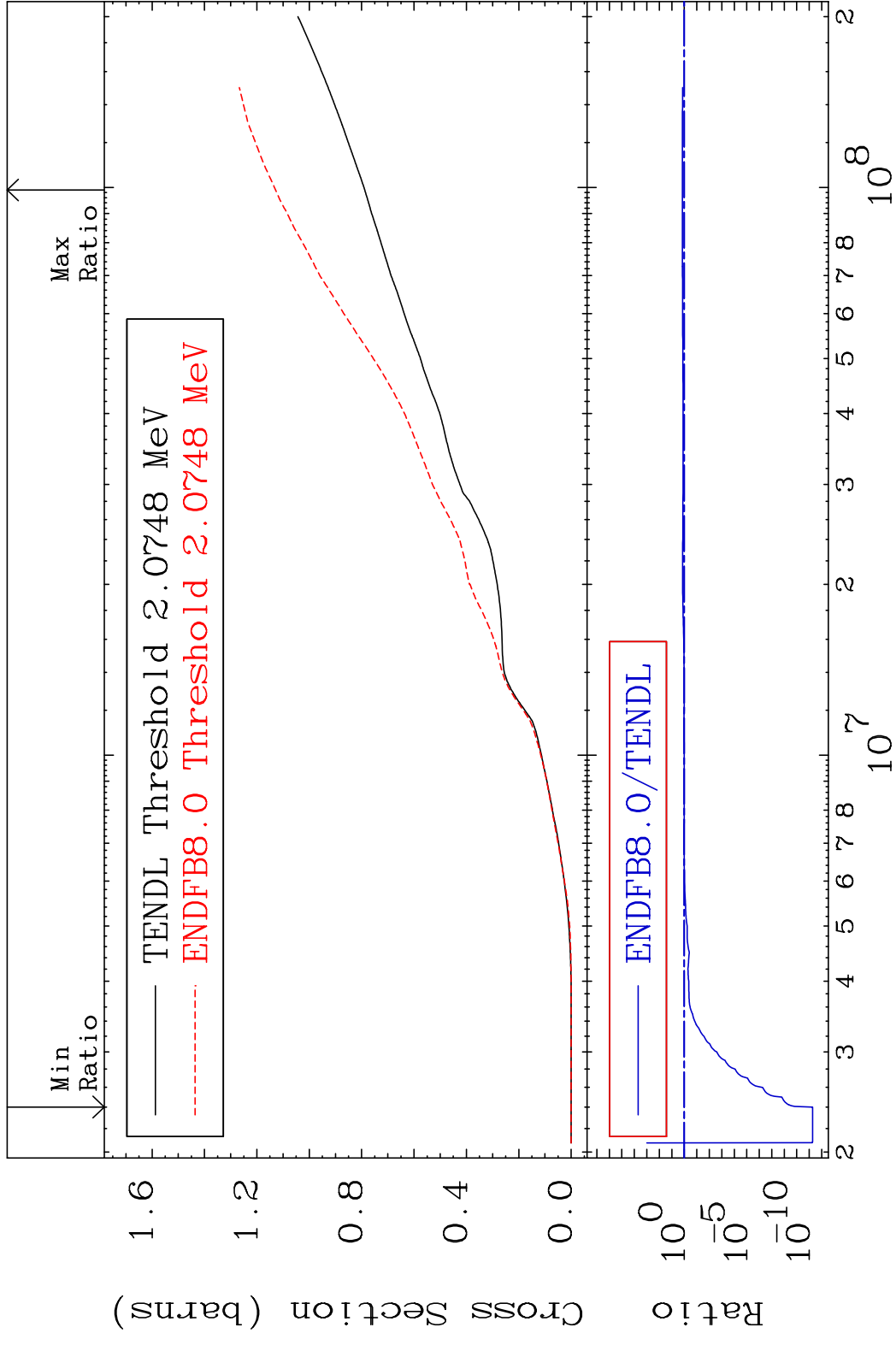


43 Incident Energy (eV) 28-Ni-60

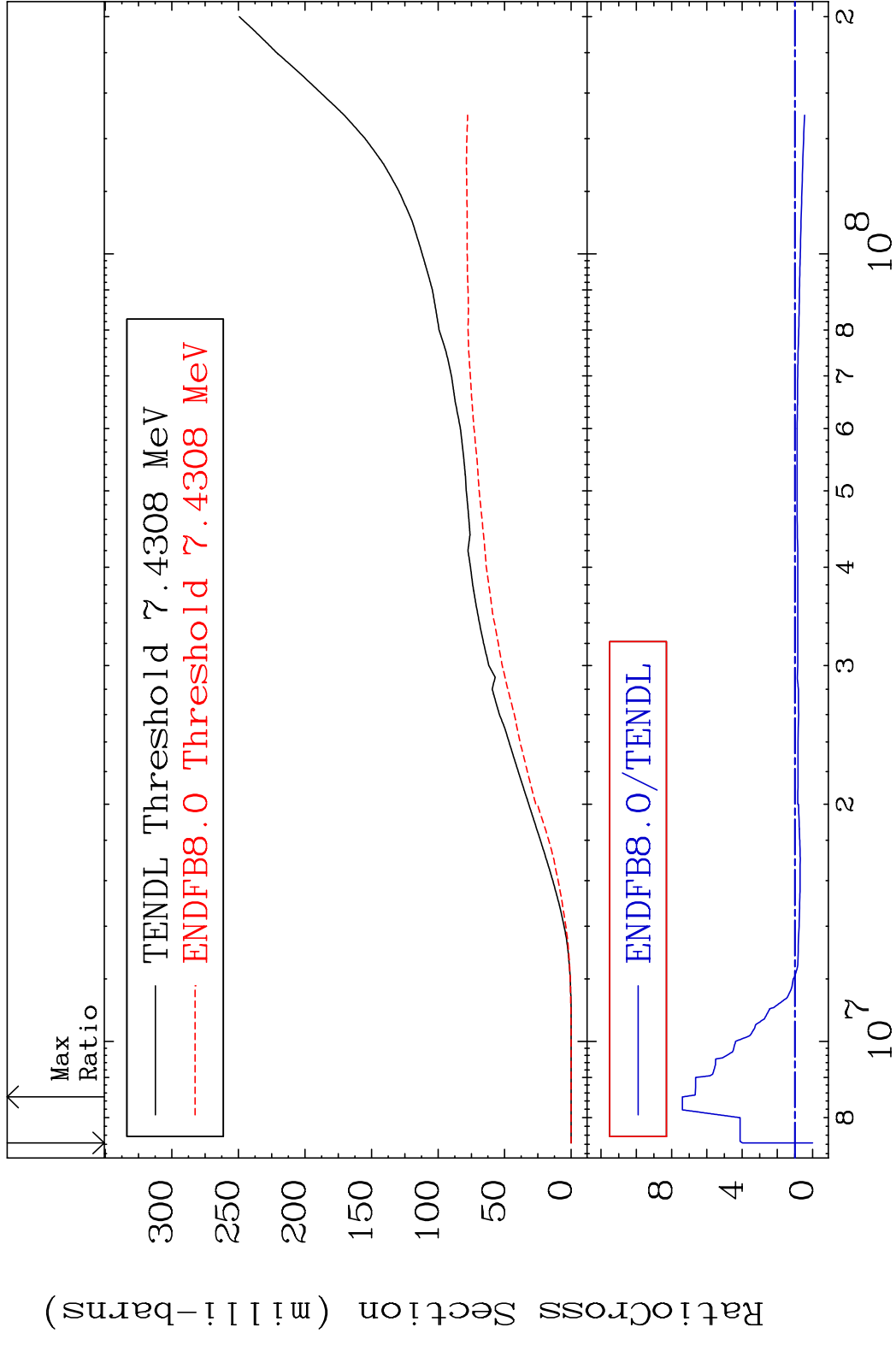
MAT 2831 (n,p) α 28-Ni-60
 Cross Section -100.0 To 1363. %



MAT 2831 Hydrogen Production 28-Ni-60
 Cross Section -100.0 To 43.18 %

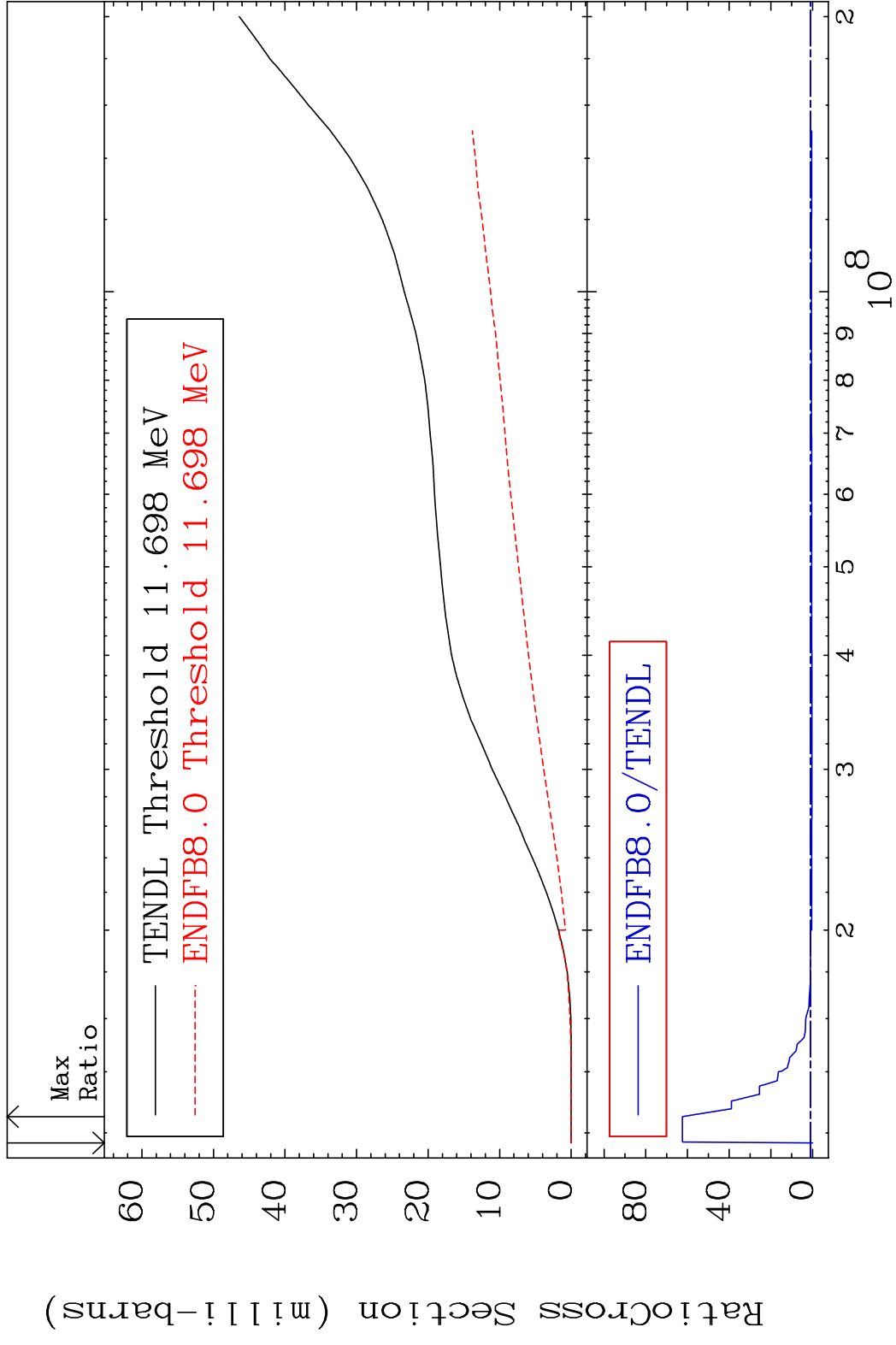


MAT 2831 Deuterium Production ²⁸Ni-60
 Cross Section -100.0 To 638.8 %



46 Incident Energy (eV) ²⁸Ni-60

MAT 2831 Tritium Production 28-Ni-60
 Cross Section -100.0 To 6145. %



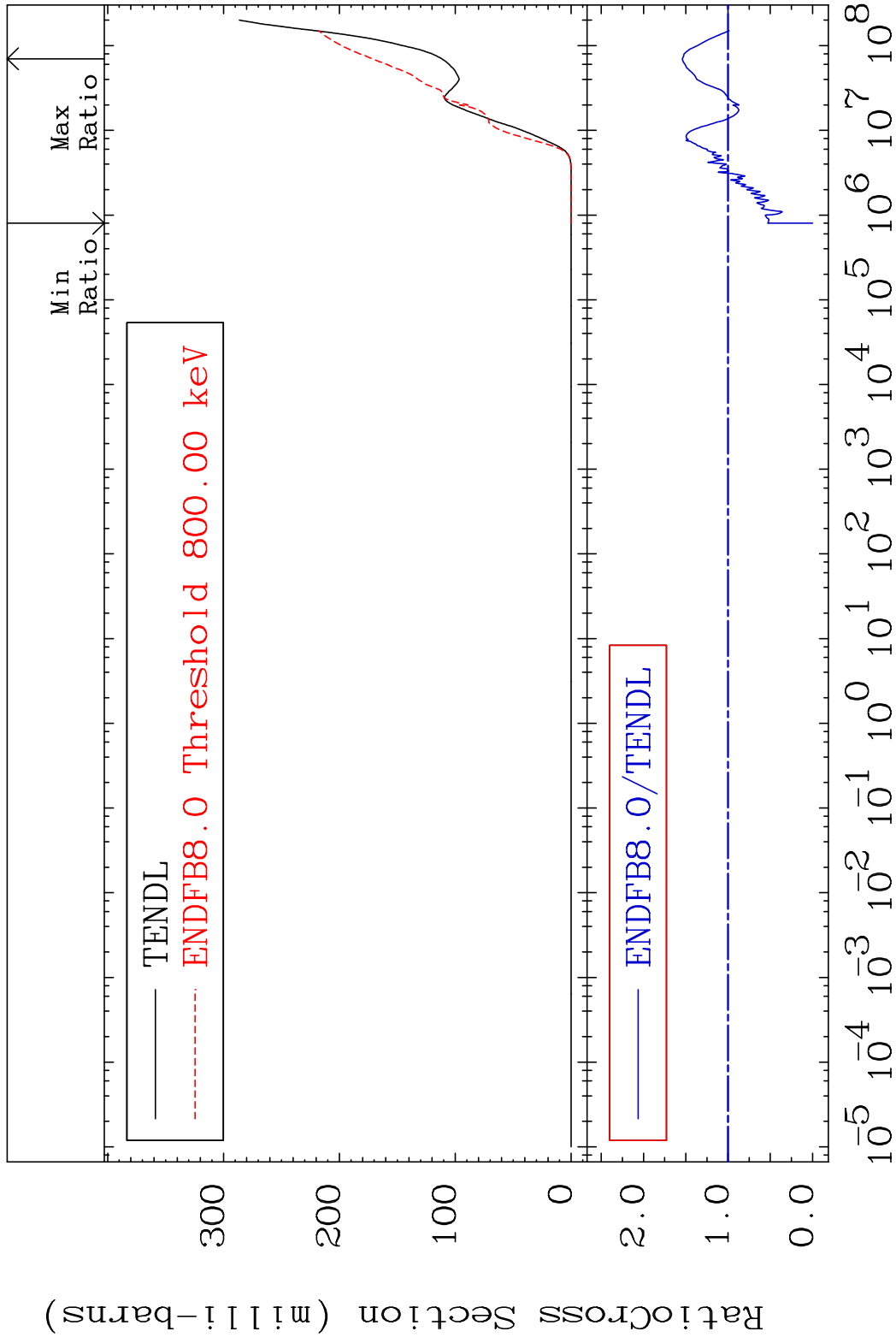
47 Incident Energy (eV) 28-Ni-60

MAT 2831

He-4 Production

28-Ni-60

Cross Section -100.0 To 54.06 %

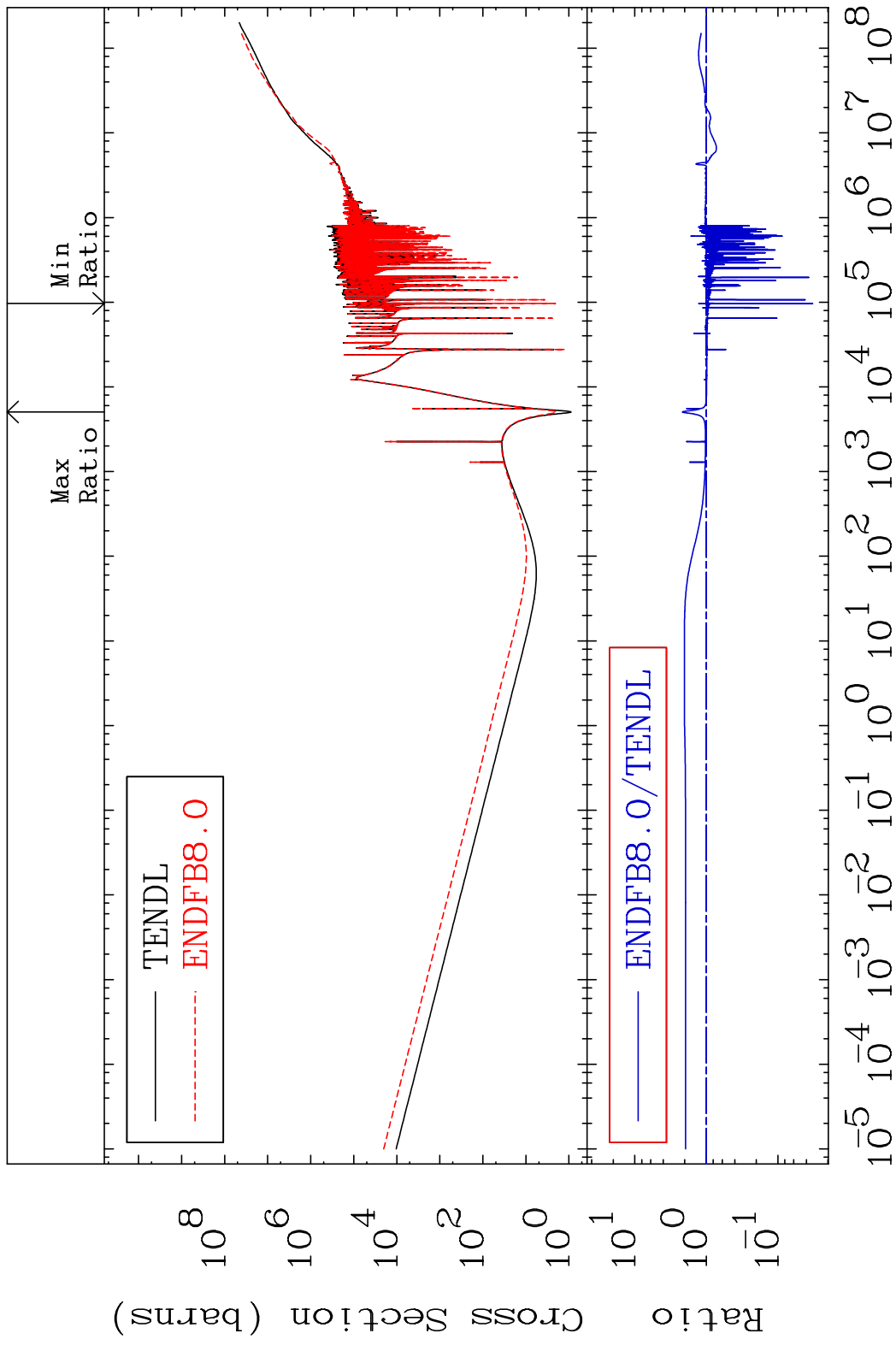


48

Incident Energy (eV)

28-Ni-60

MAT 2831 Kerma total (eV-barns) 28-Ni-60
 Cross Section -96.72 To 116.2 %



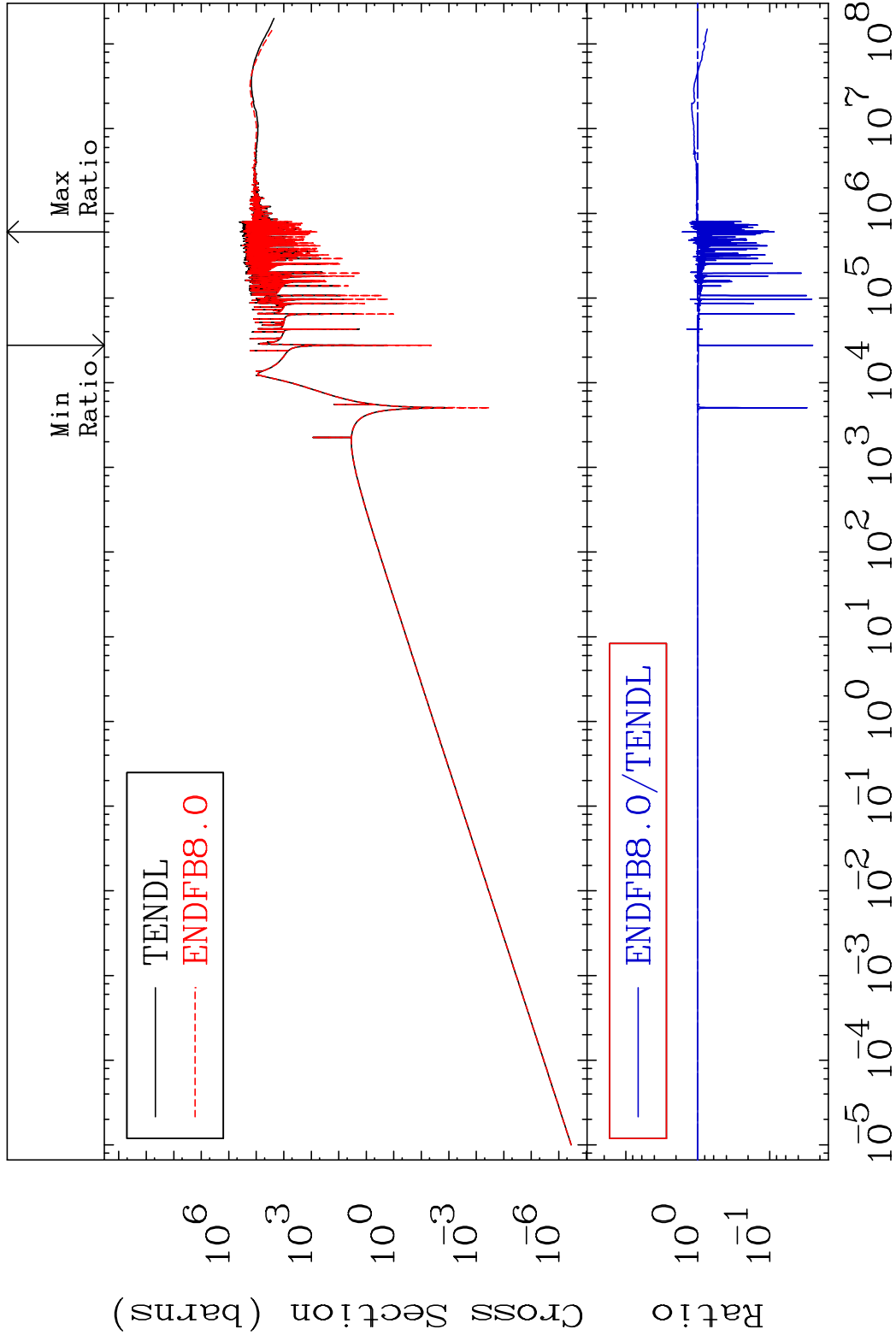
49 Incident Energy (eV) 28-Ni-60

MAT 2831

Kerma elastic

28-Ni-60

Cross Section -97.46 To 63.57 %

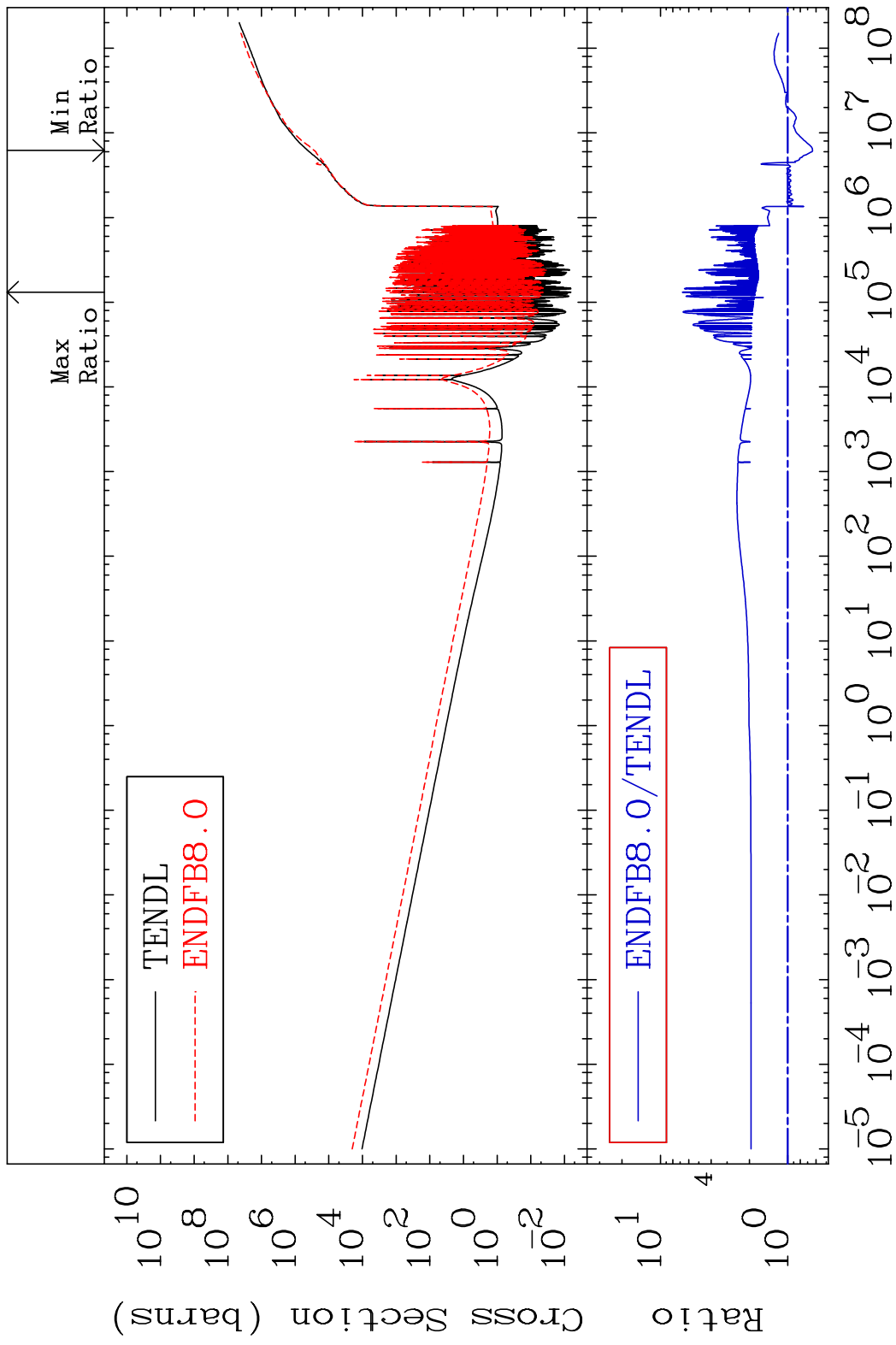


50

Incident Energy (eV)

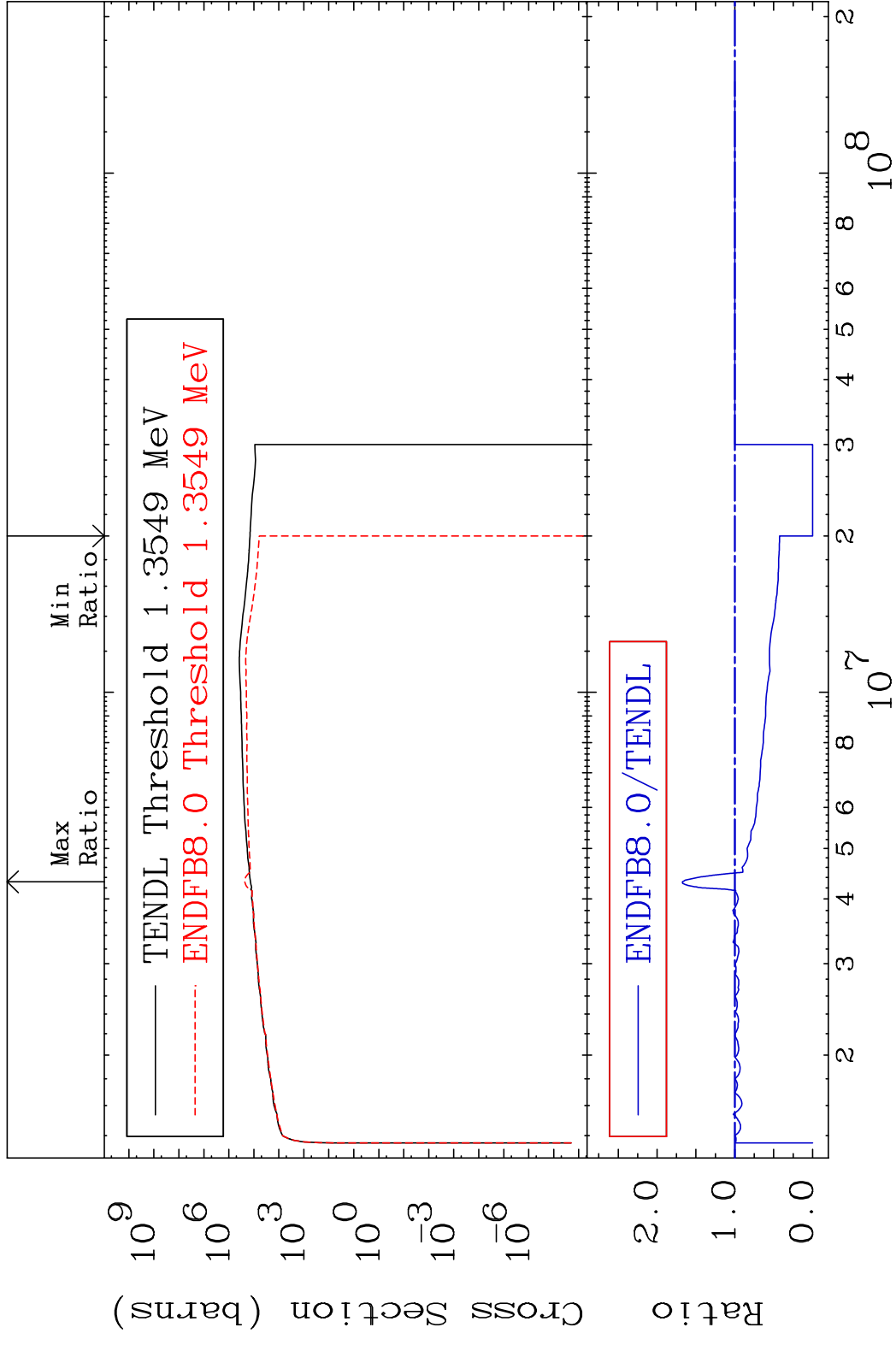
28-Ni-60

MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60
 Cross Section -36.02 To 572.8 %

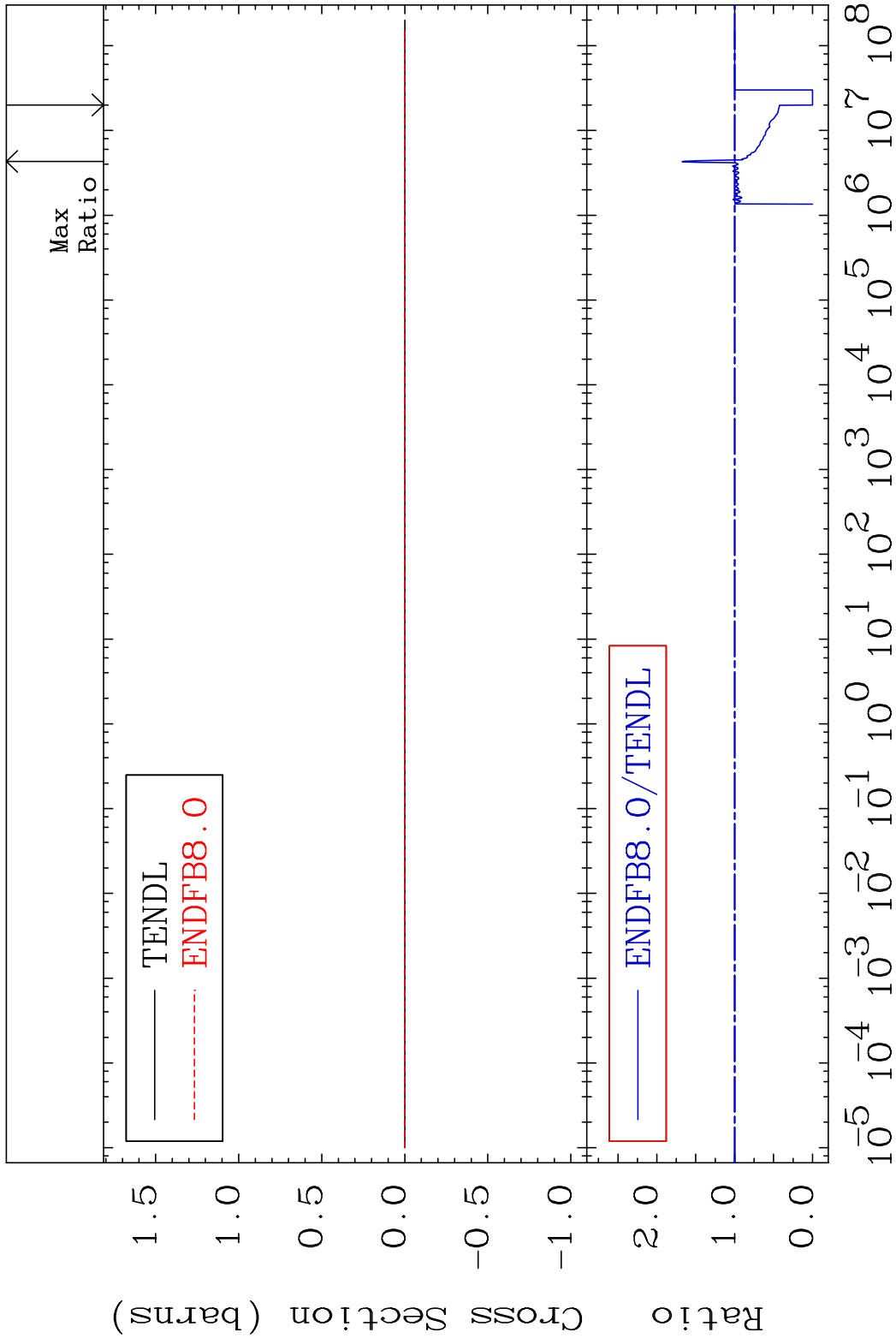


51 Incident Energy (eV) 28-Ni-60

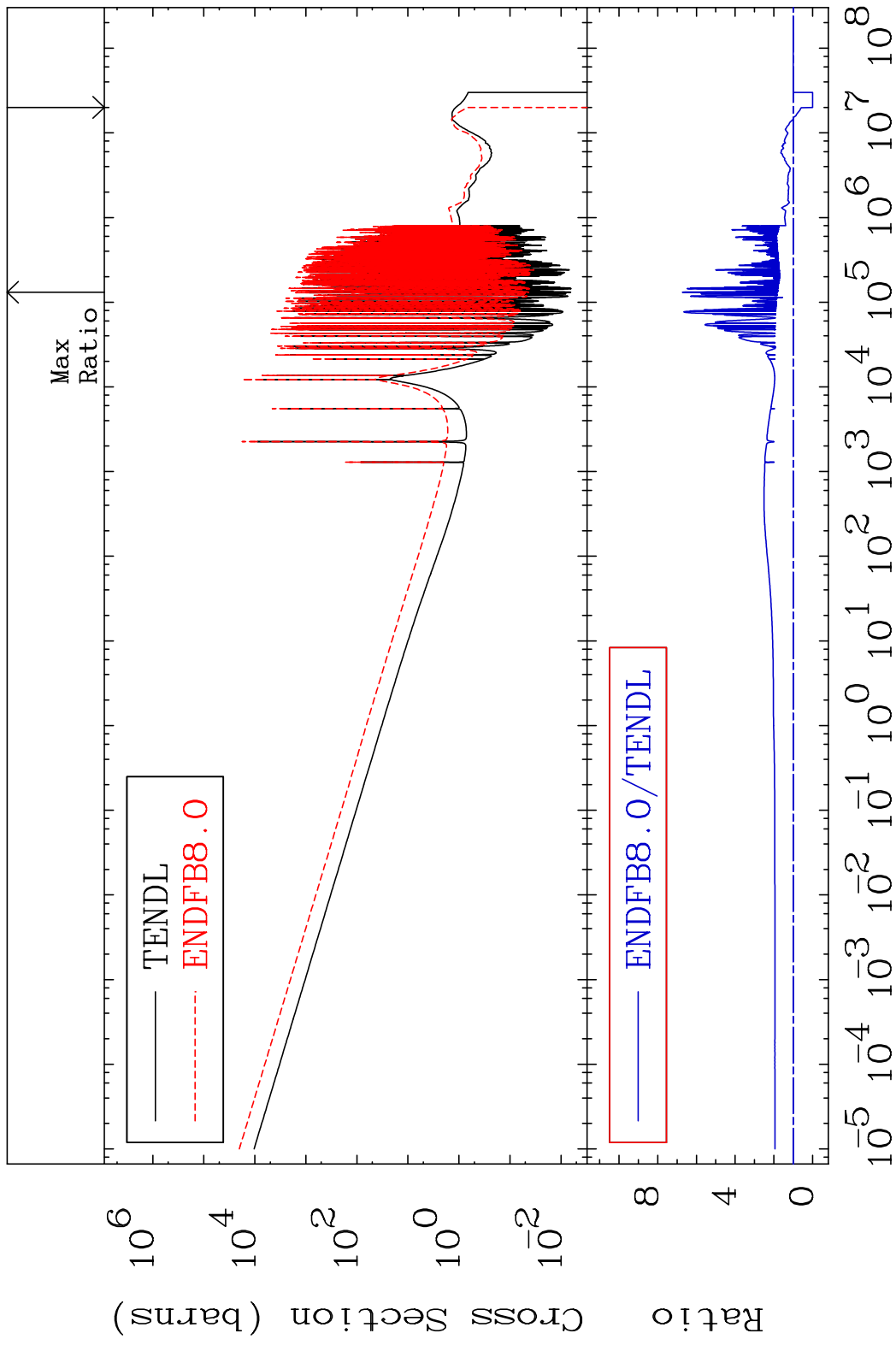
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 67.50 %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60
 Cross Section -100.0 To 67.50 %

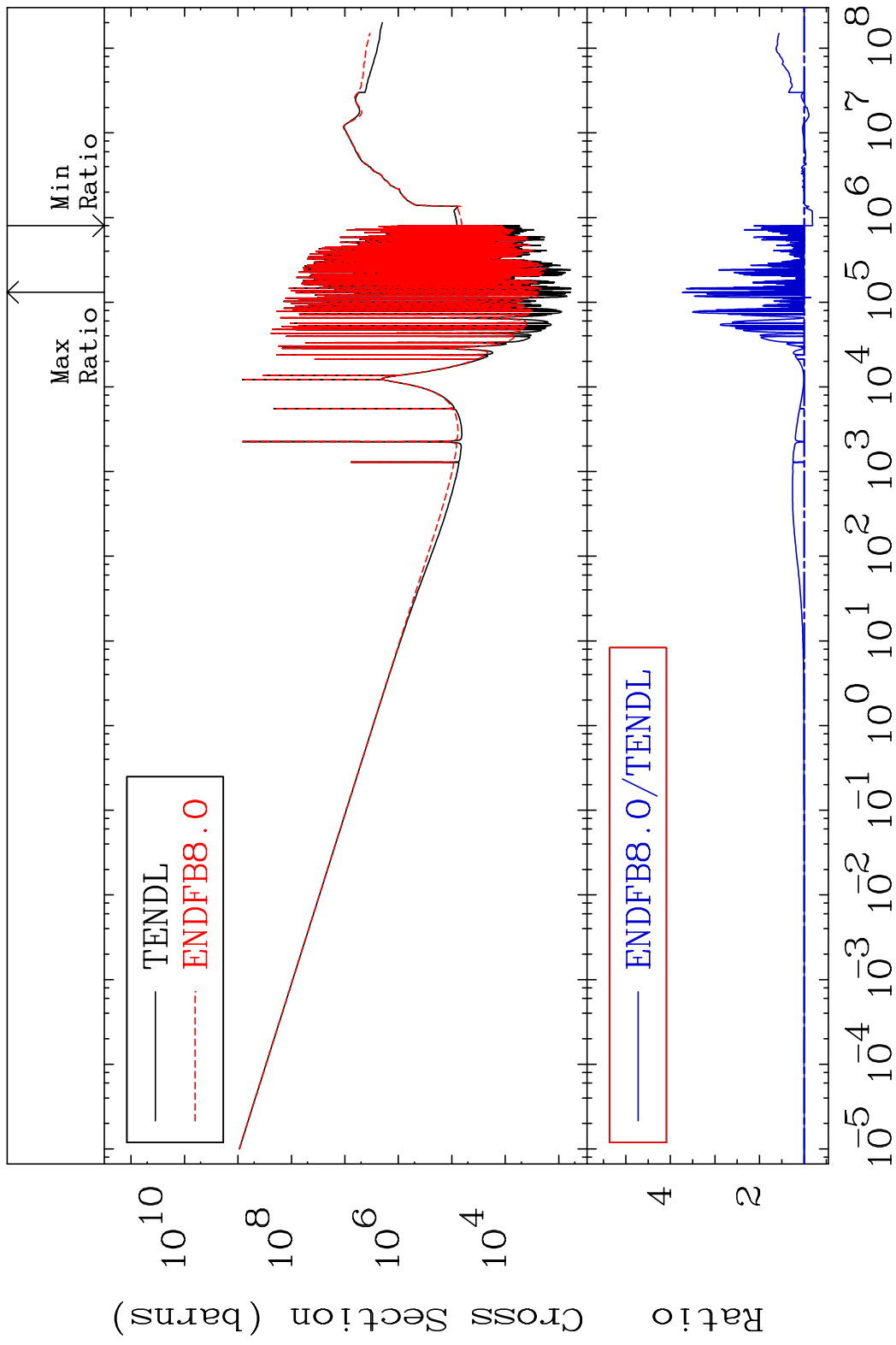


MAT 2831 Kerma capture (mt102) 28-Ni-60
 Cross Section -100.0 To 572.8 %



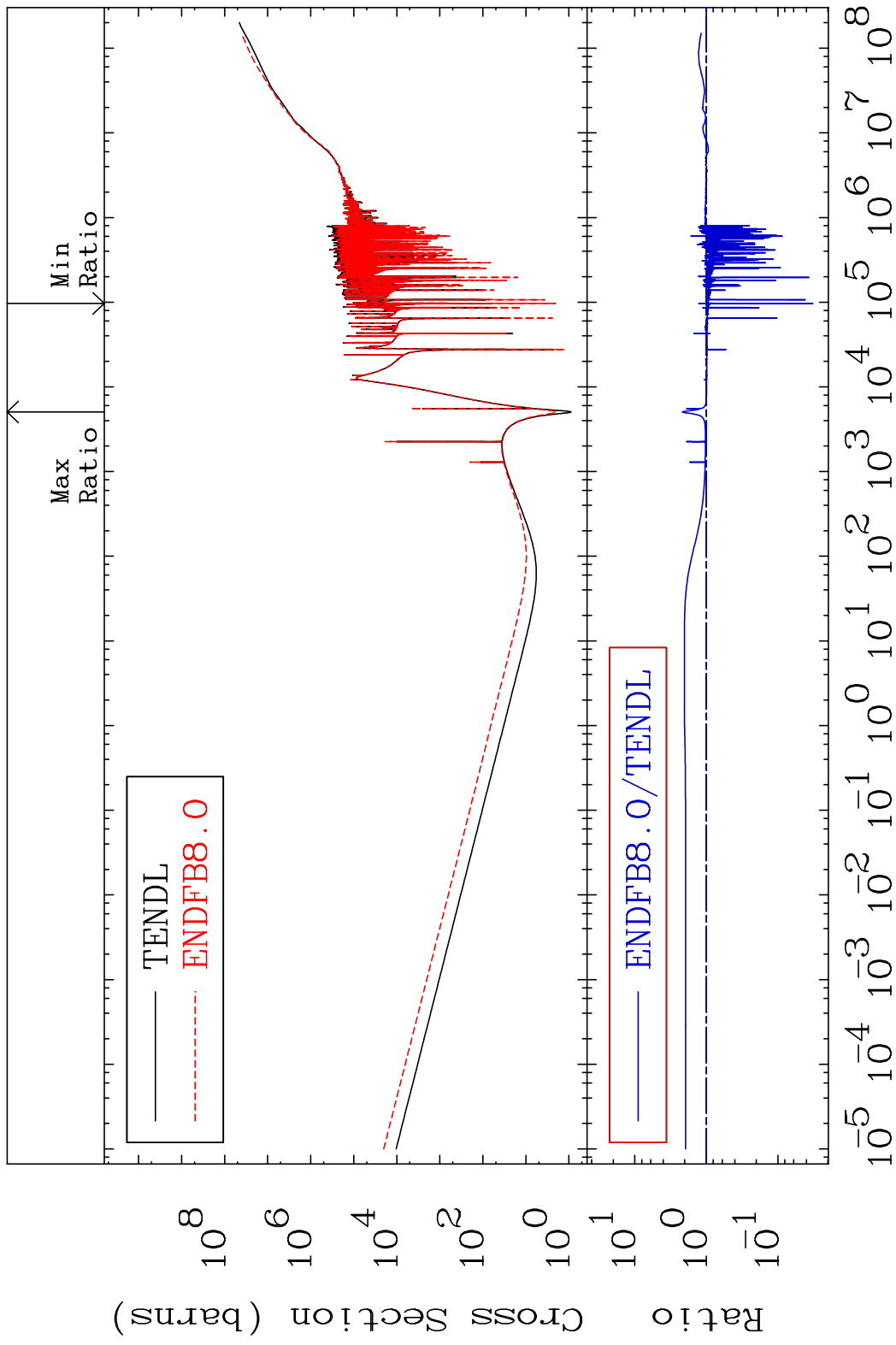
54 Incident Energy (eV) 28-Ni-60

MAT 2831 Total photon (eV-barns) 28-Ni-60
 Cross Section -19.06 To 273.1 %

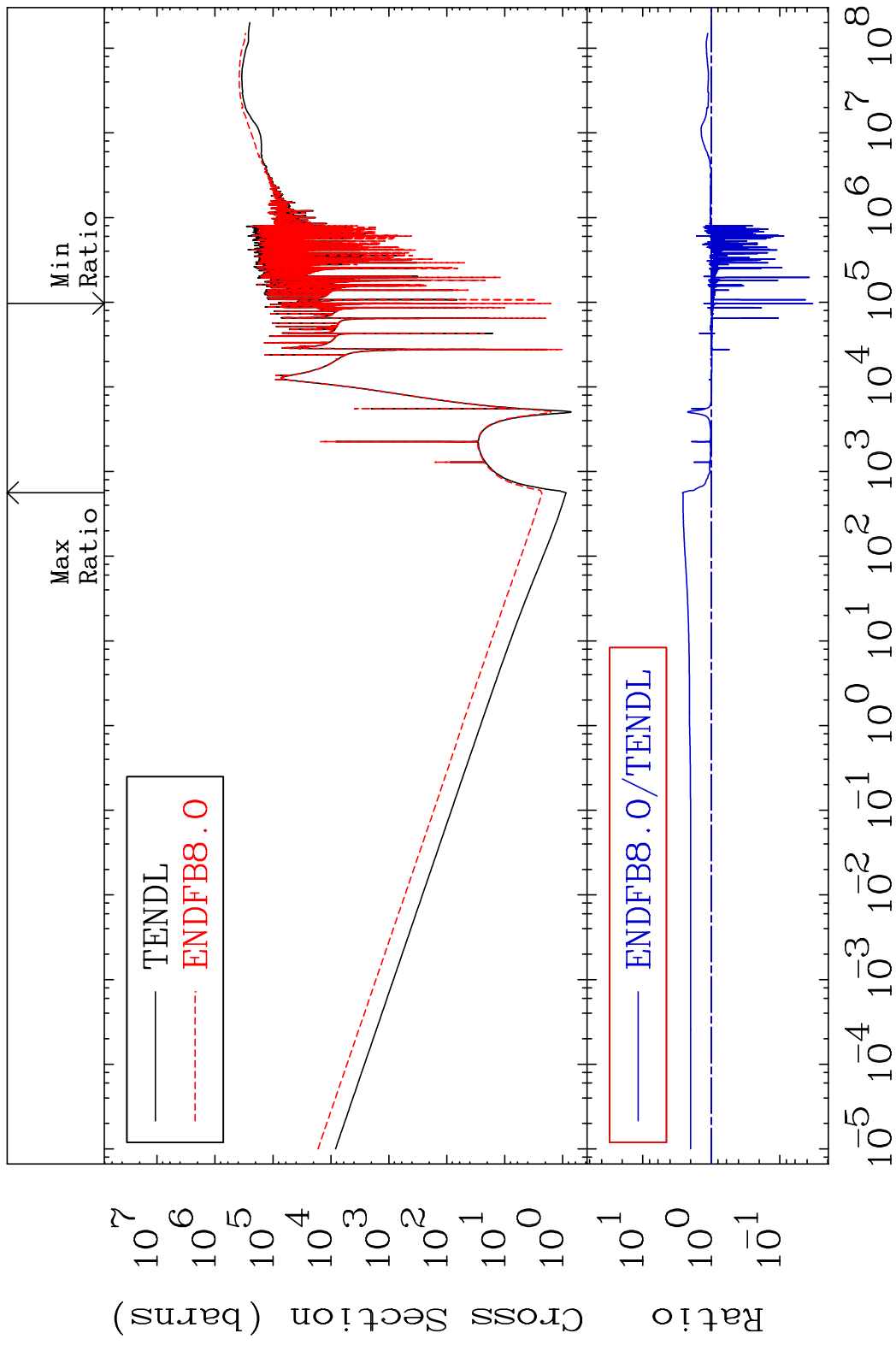


55 Incident Energy (eV) 28-Ni-60

MAT 2831 Total kinematic kerma (high limit) 28-Ni-60
 Cross Section -96.72 To 116.2 %



MAT 2831 Dpa total (eV-barns) 28-Ni-60
 Cross Section -96.68 To 164.6 %



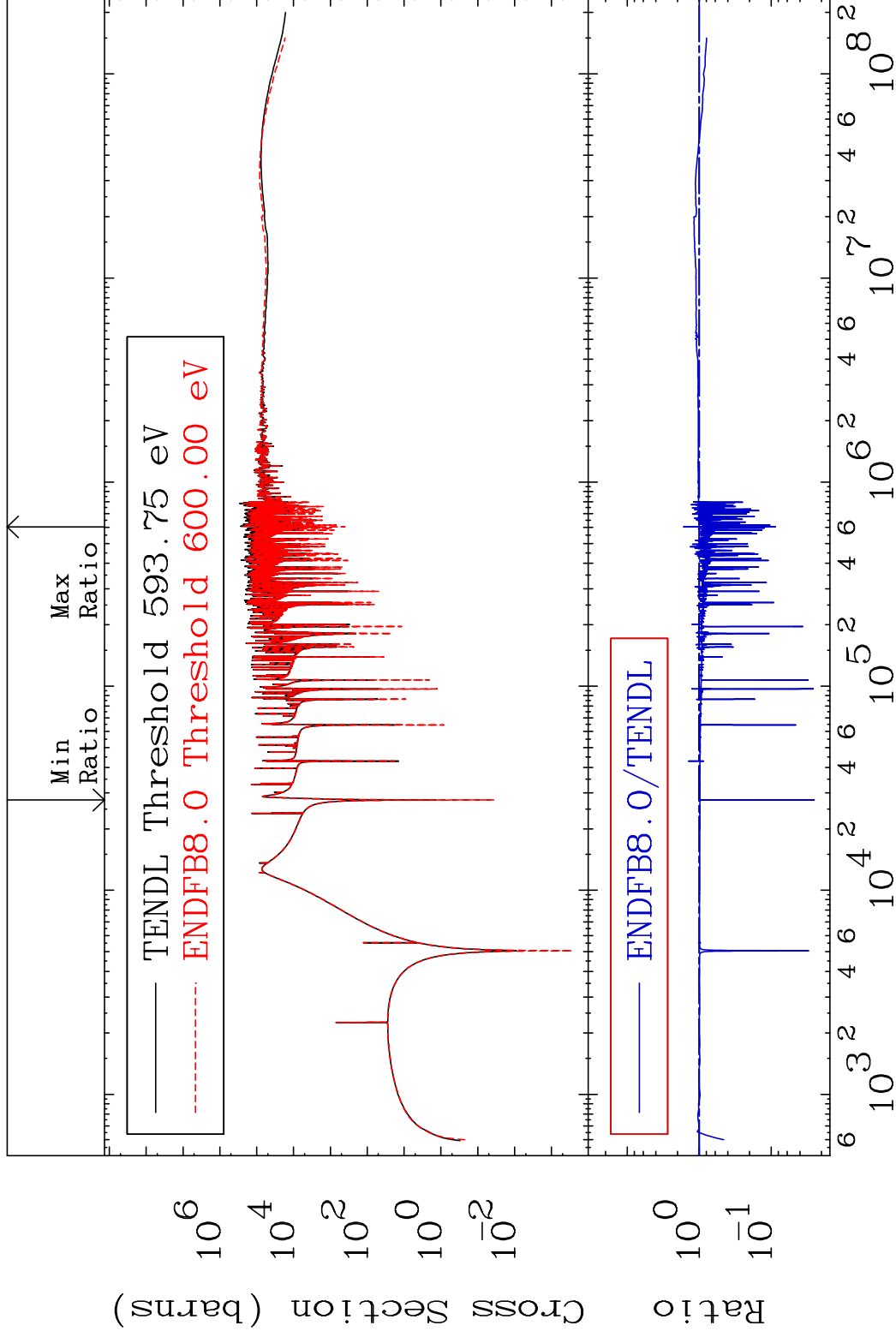
MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section

-97.46 To 64.71 %

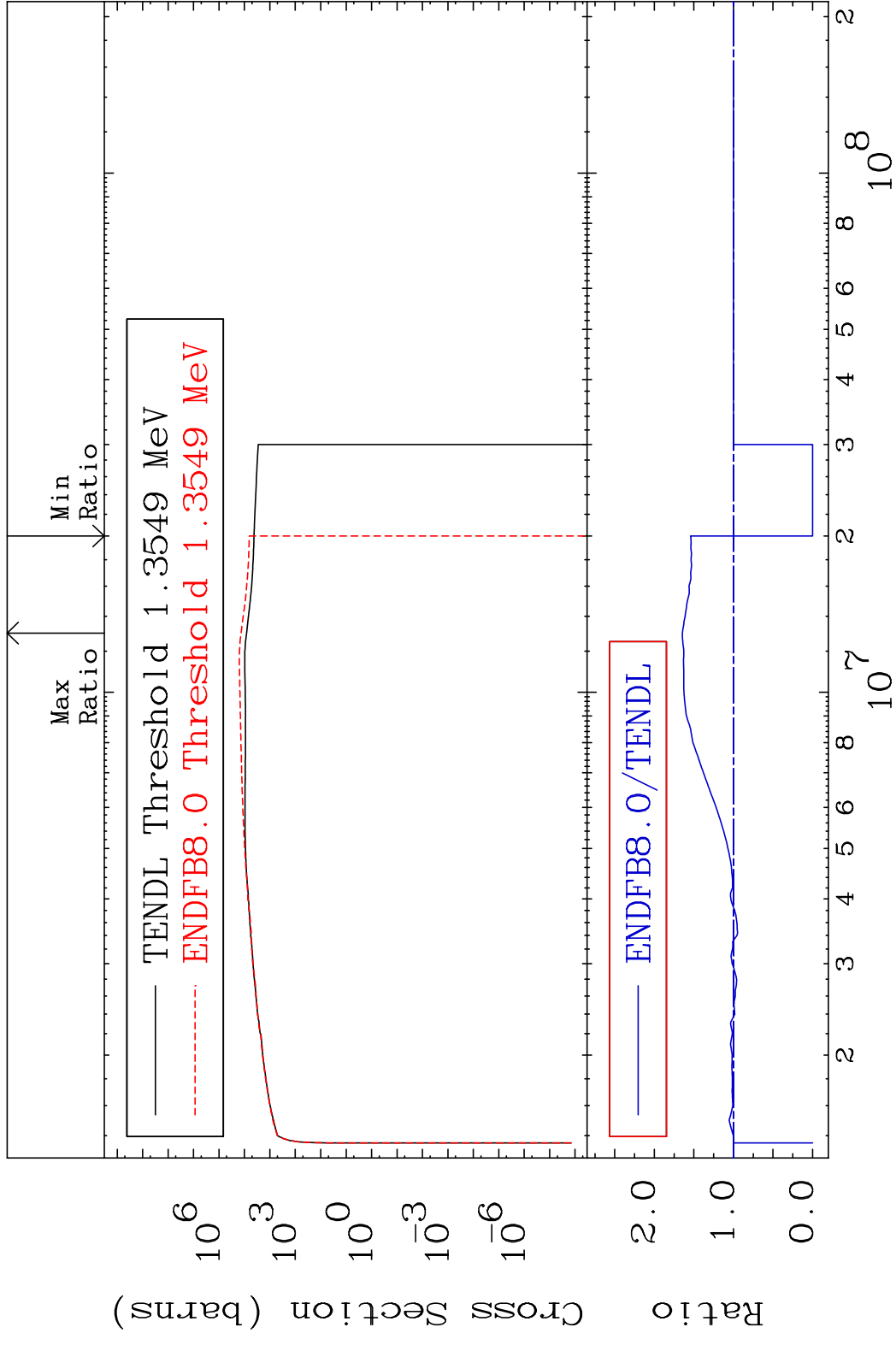


58

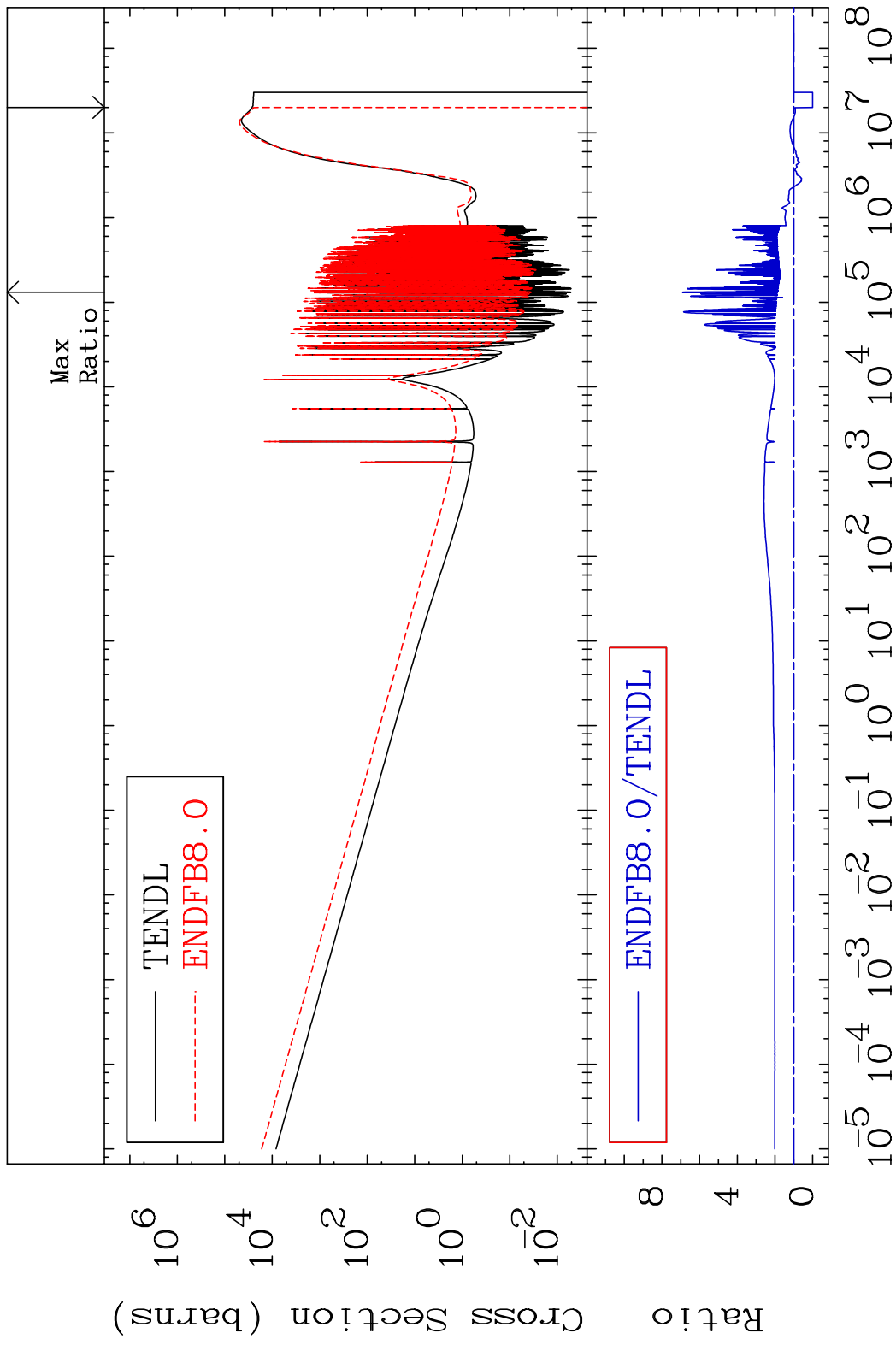
Incident Energy (eV)

28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 64.56 %



MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60
 Cross Section -100.0 To 591.6 %



60 Incident Energy (eV) 28-Ni-60