

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

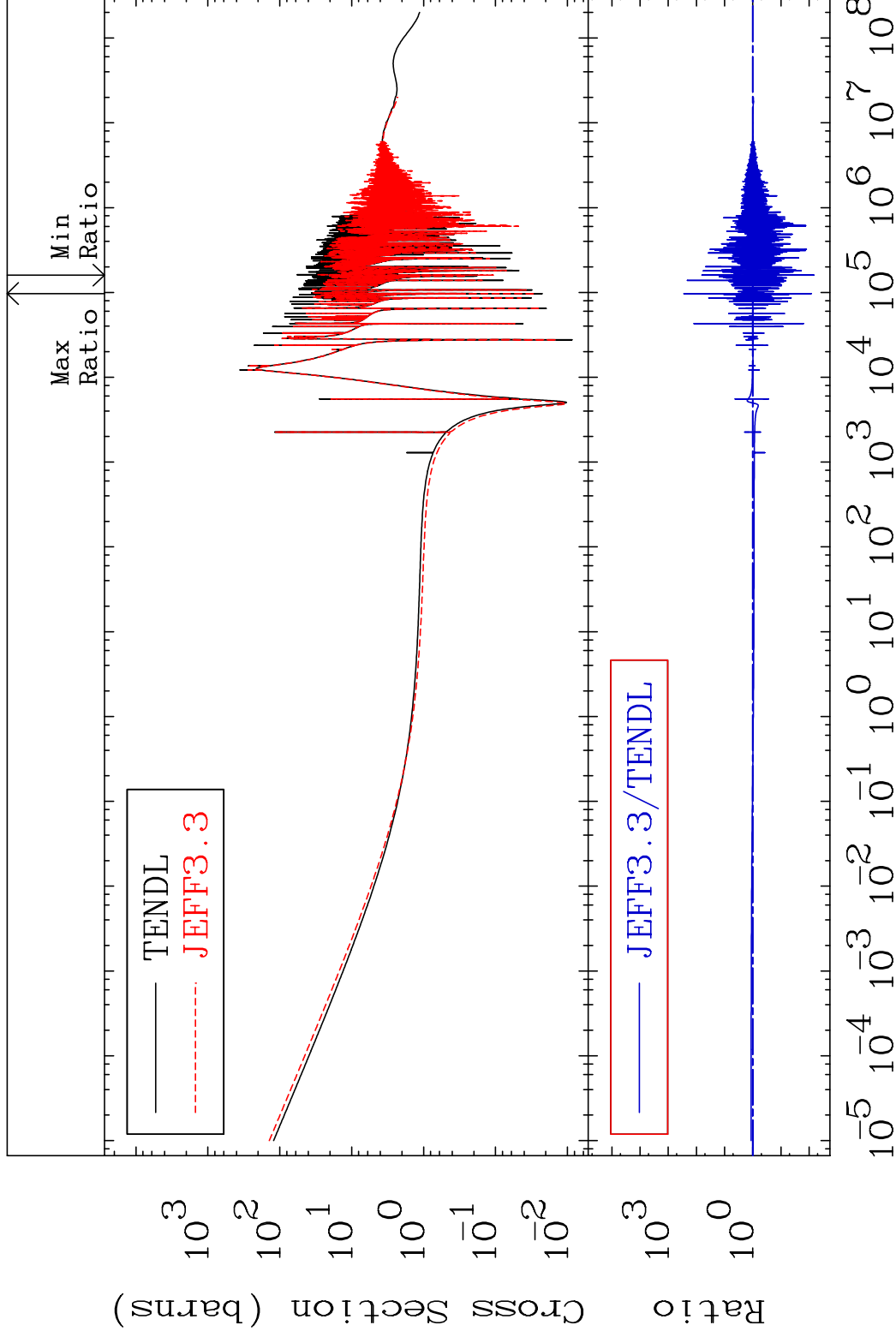
MAT 2831

Total

28-Ni-60

Cross Section

-99.33 To 9999. %



1

Incident Energy (eV)

28-Ni-60

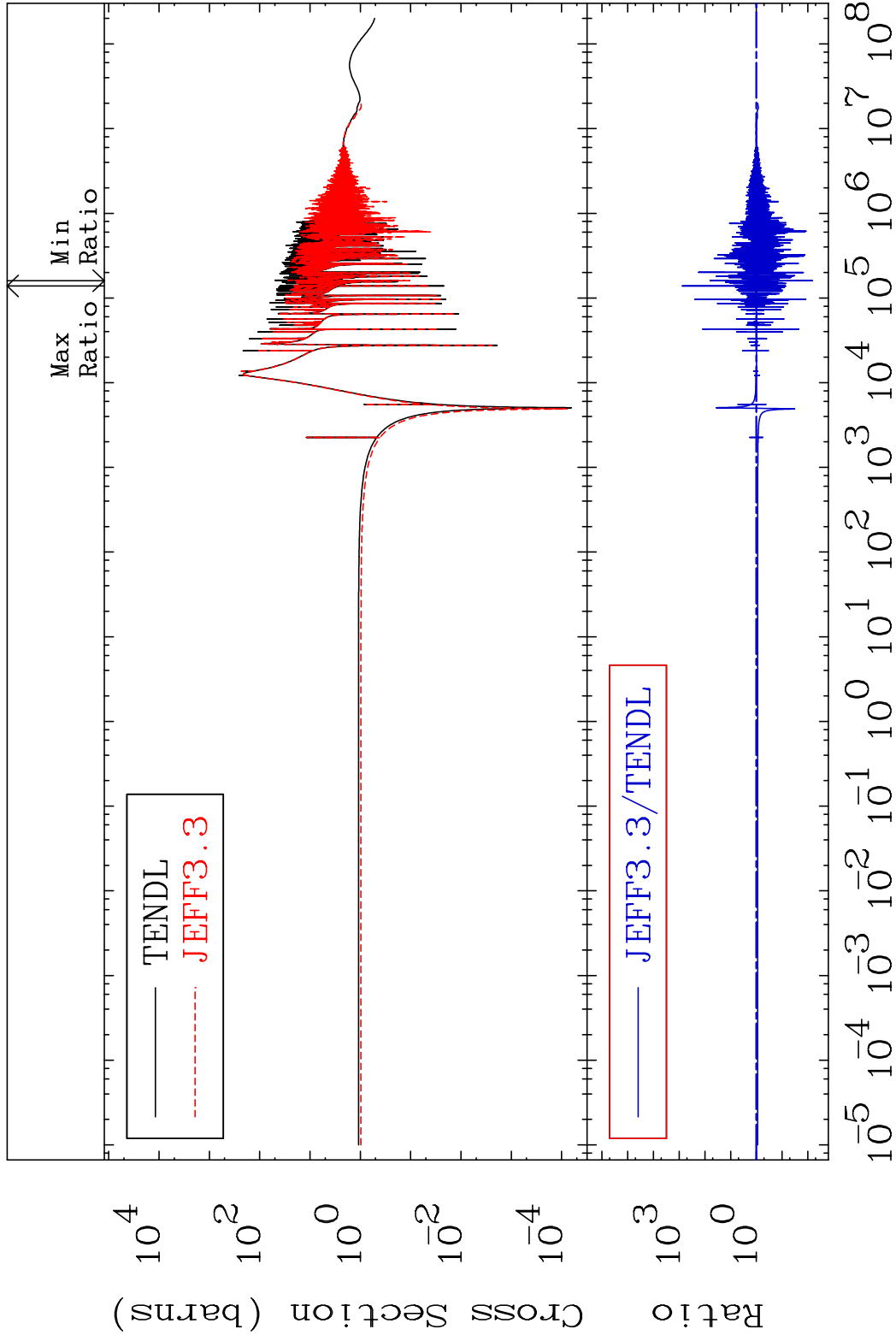
MAT 2831

Elastic

28-Ni-60

Cross Section

-99.34 To 9999. %

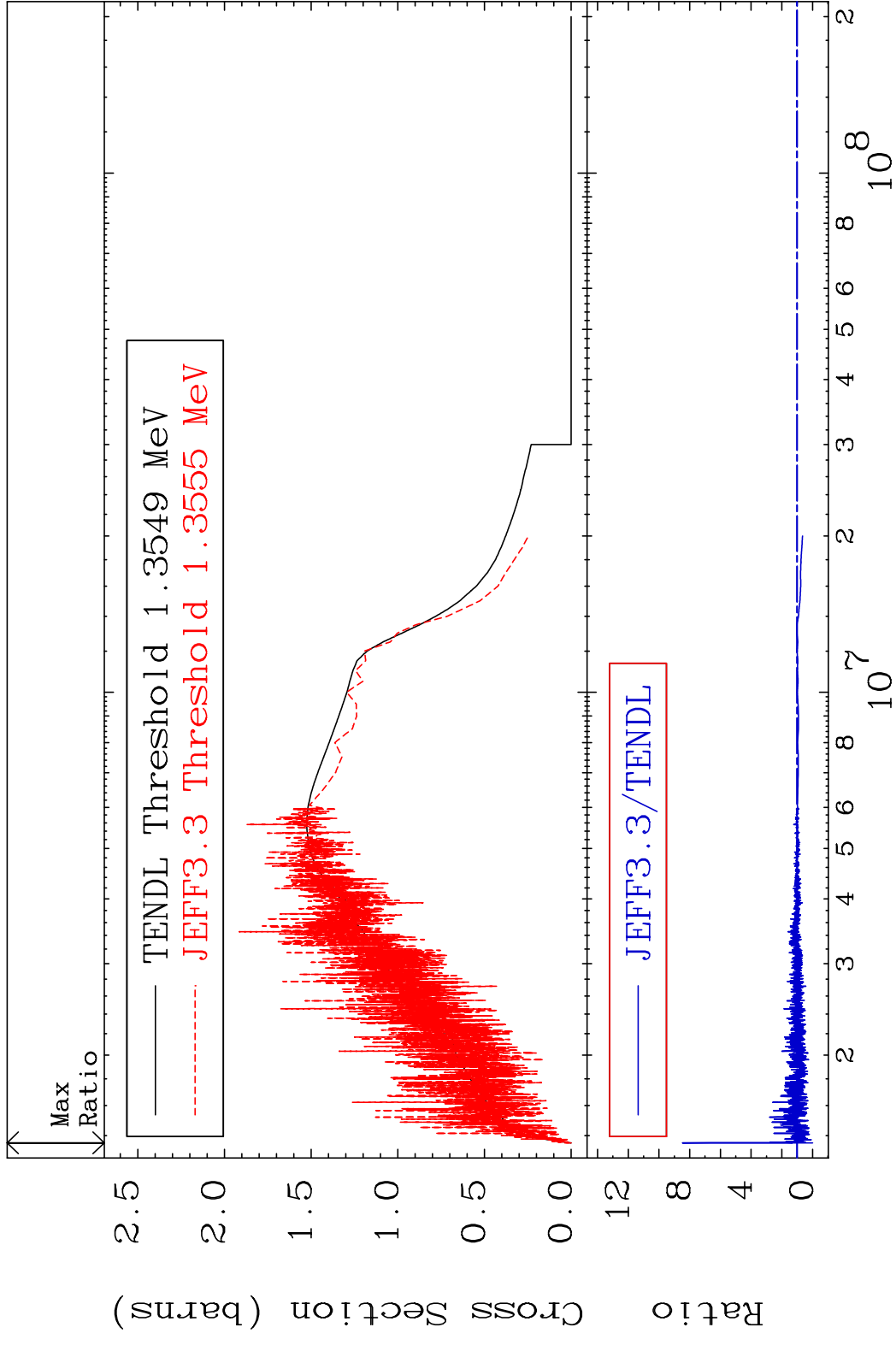


2

Incident Energy (eV)

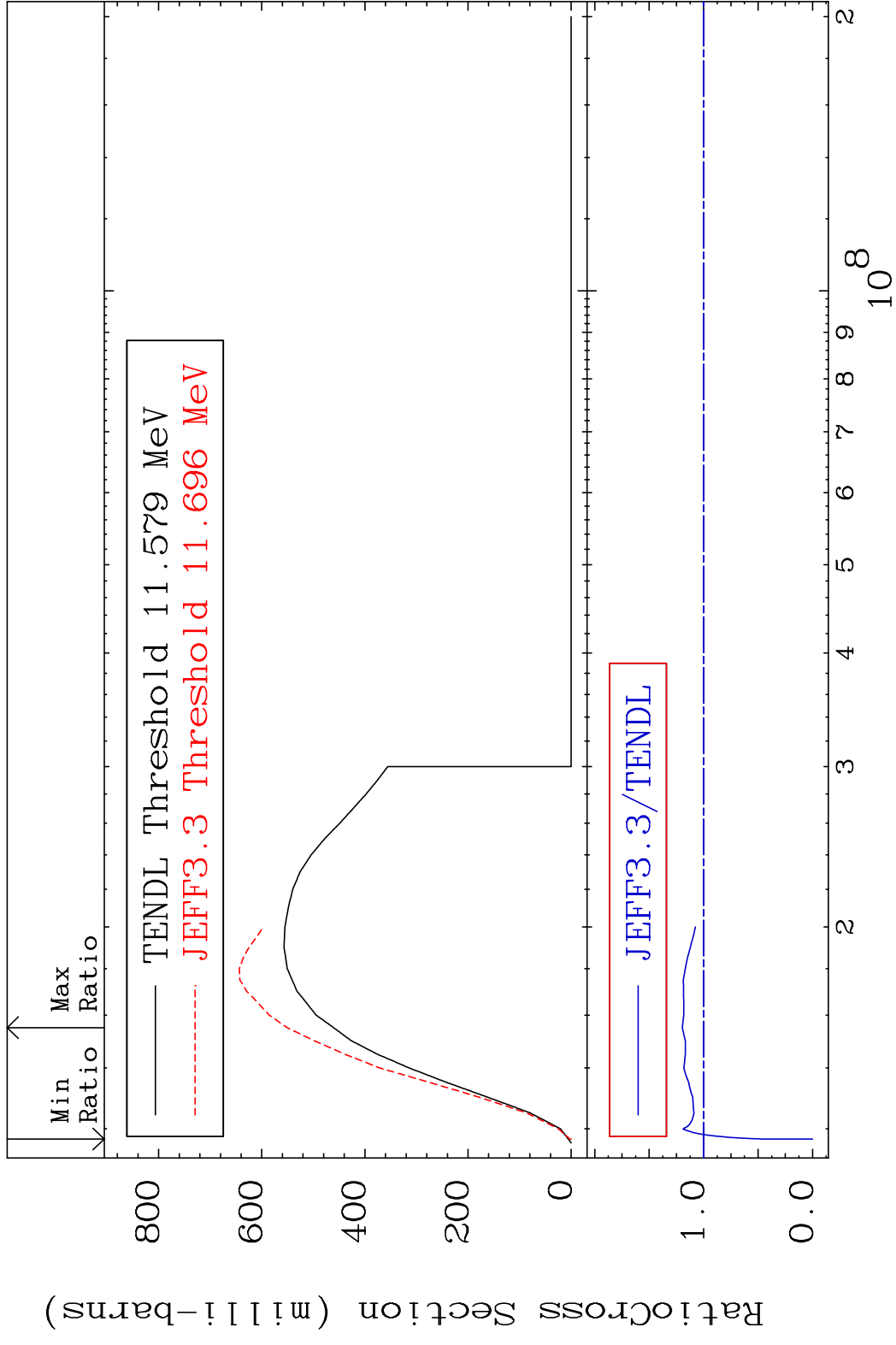
28-Ni-60

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



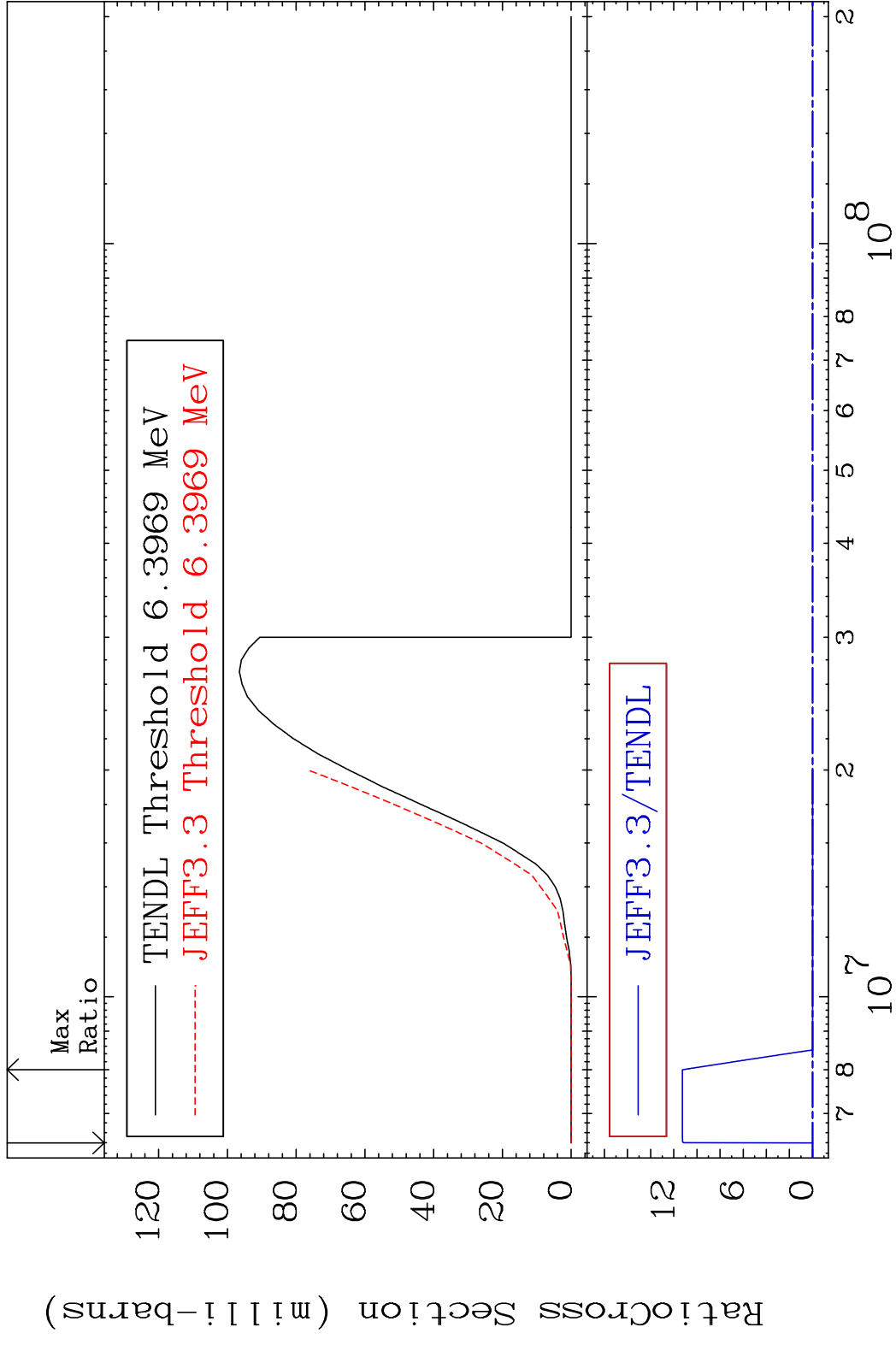
3 Incident Energy (eV) 28-Ni-60

MAT 2831 (n,2n) 28-Ni-60
 Cross Section -100.0 To 19.55 %



4 Incident Energy (eV) 28-Ni-60

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



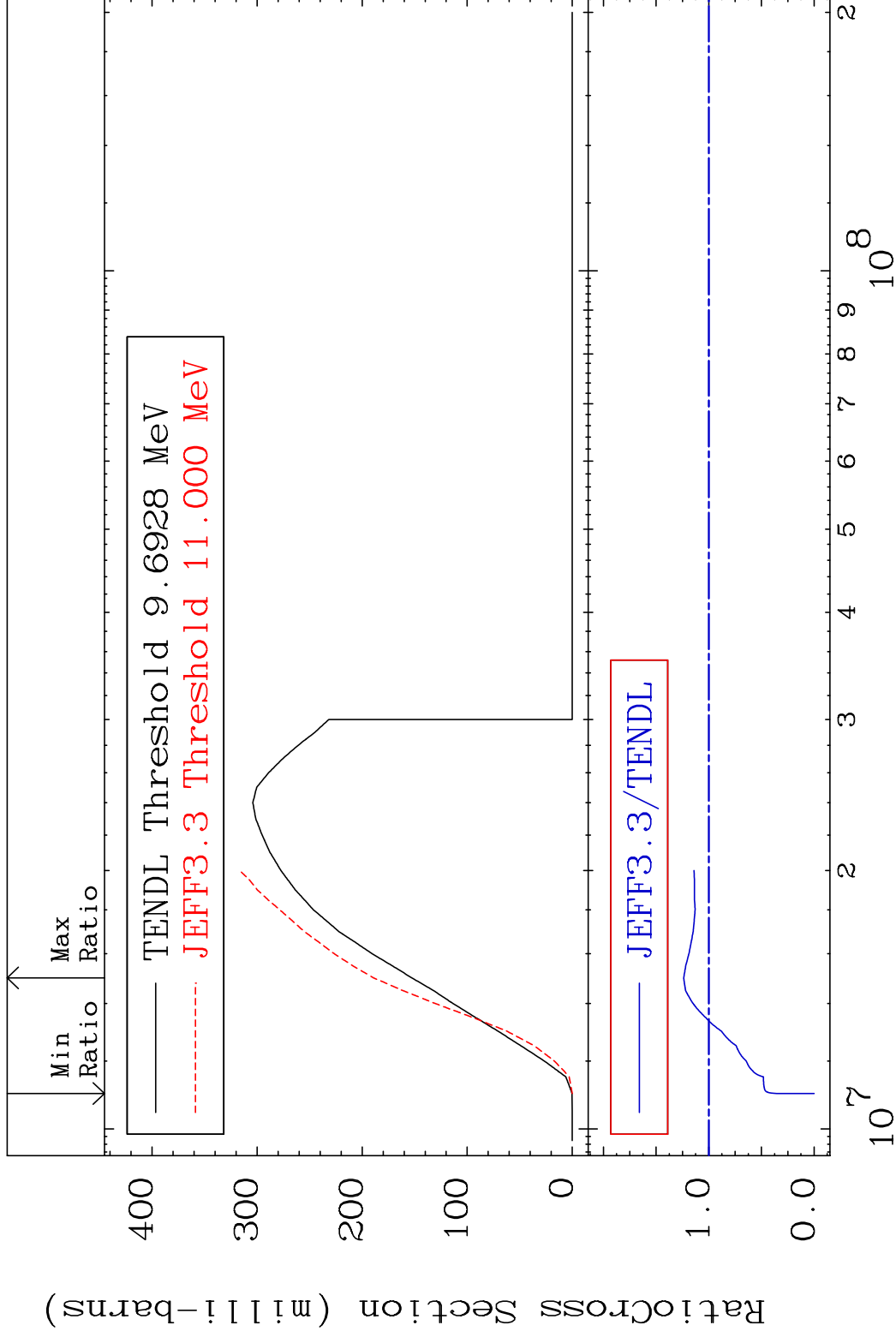
5 28-Ni-60

MAT 2831

(n, n') p

28-Ni-60

Cross Section -100.0 To 23.86 %

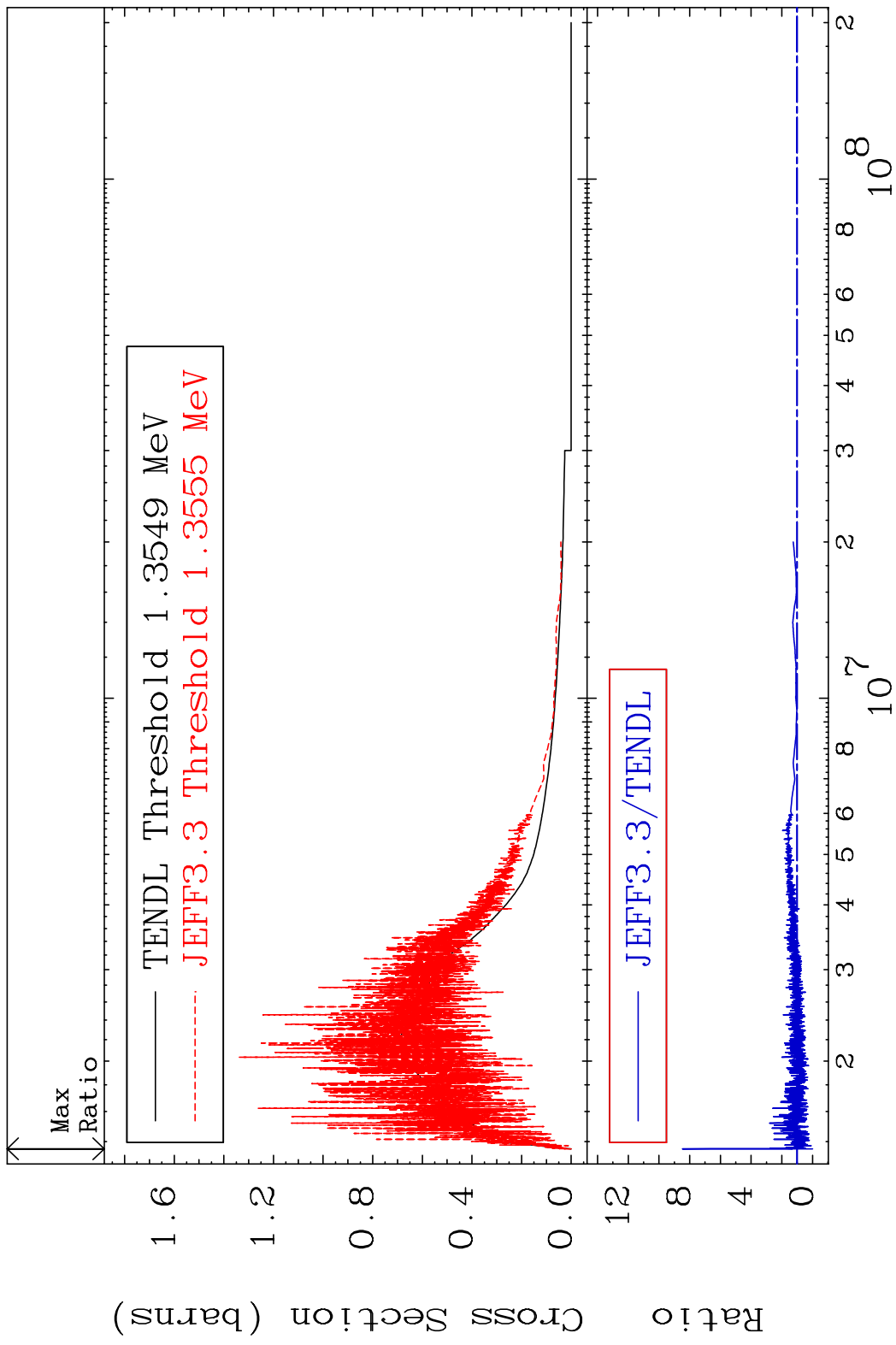


6

Incident Energy (eV)

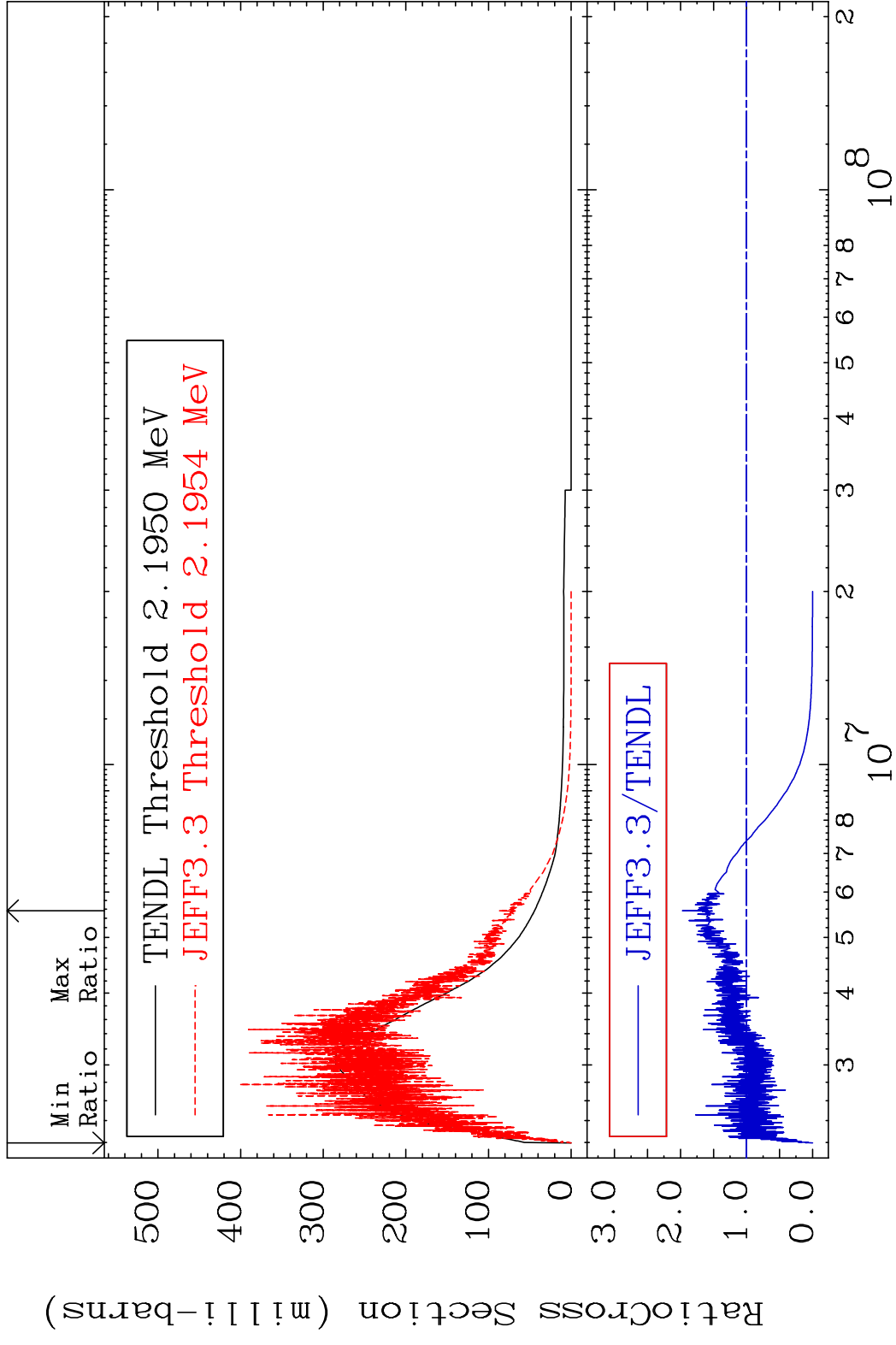
28-Ni-60

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

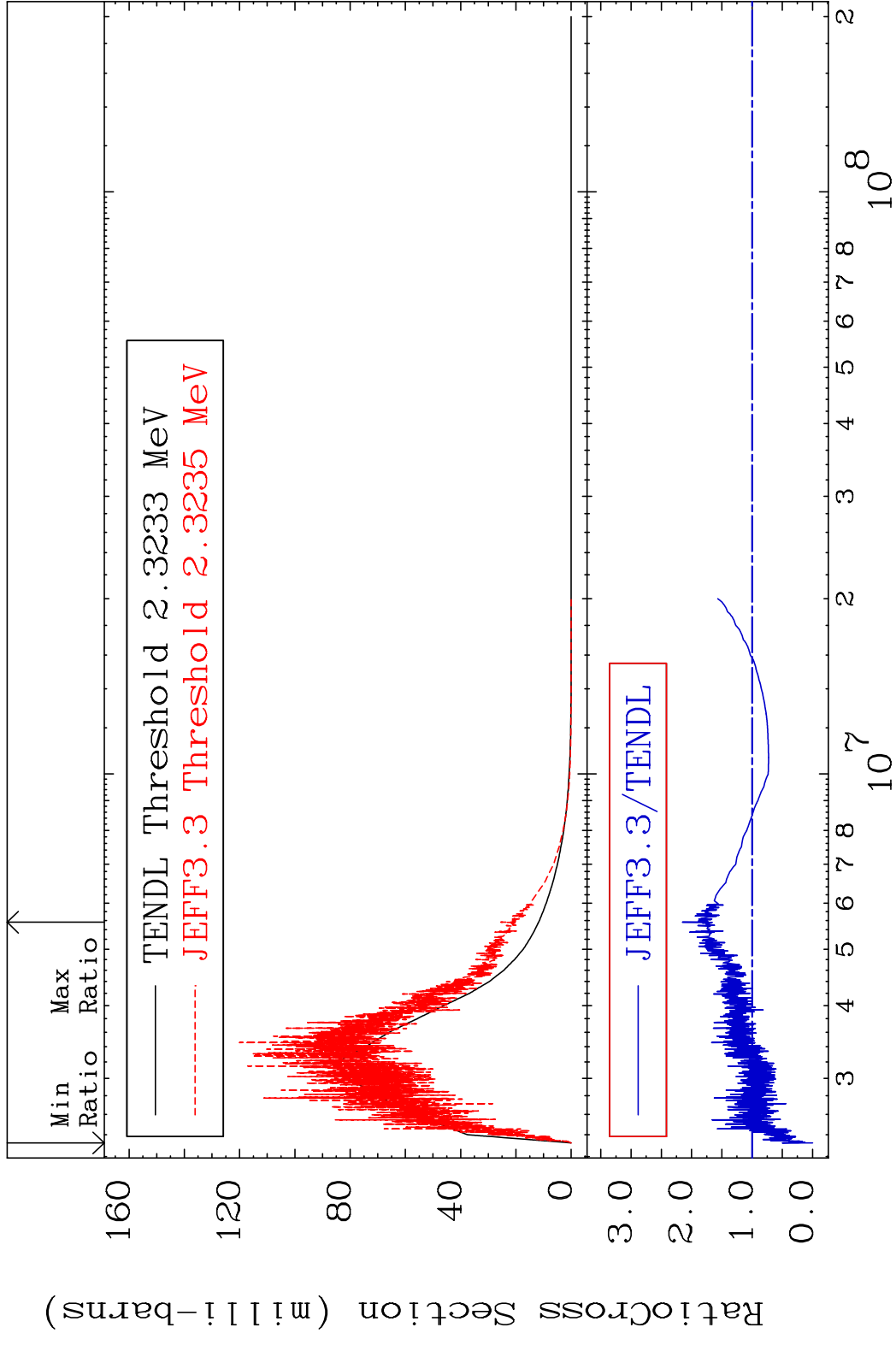


7 Incident Energy (eV) 28-Ni-60

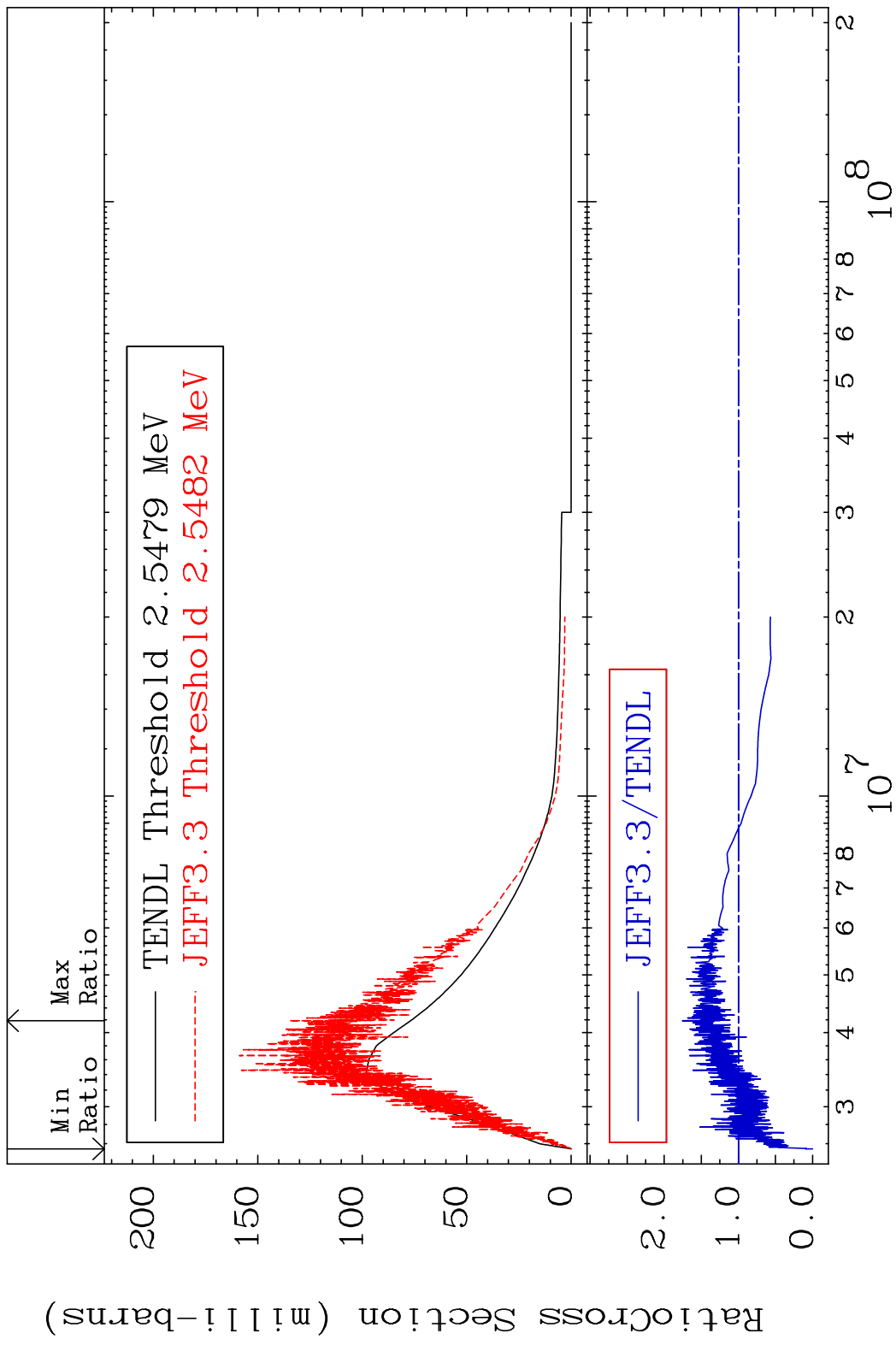
MAT 2831 MT= 52 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 97.22 %



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

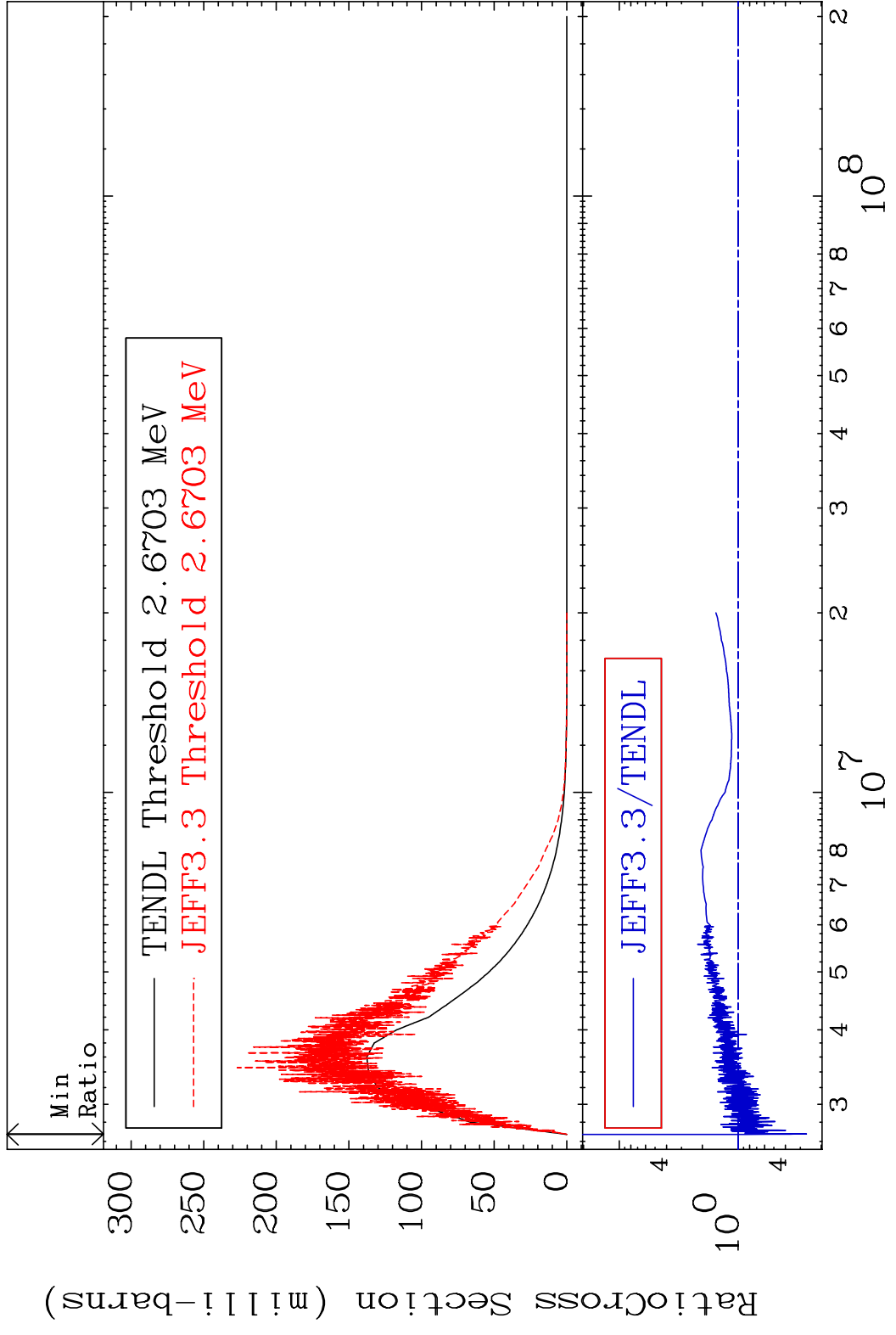


MAT 2831 MT= 54 (n, n') Level 28-Ni-60
Cross Section -100.0 To 75.57 %



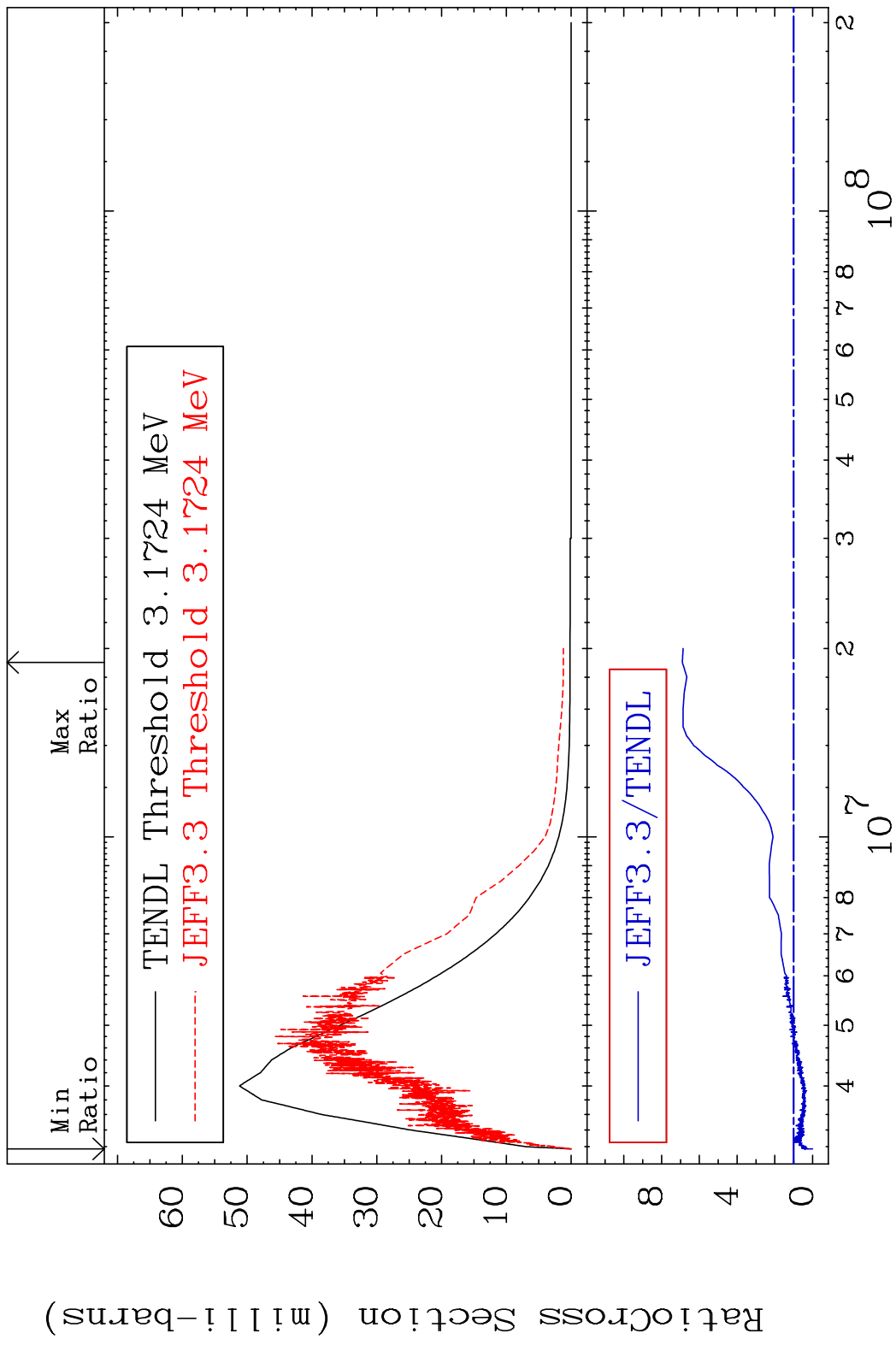
10 Incident Energy (eV) 28-Ni-60

MAT 2831 MT= 55 (n,n') Level 28-Ni-60
 Cross Section -73.33 To 225.6 %

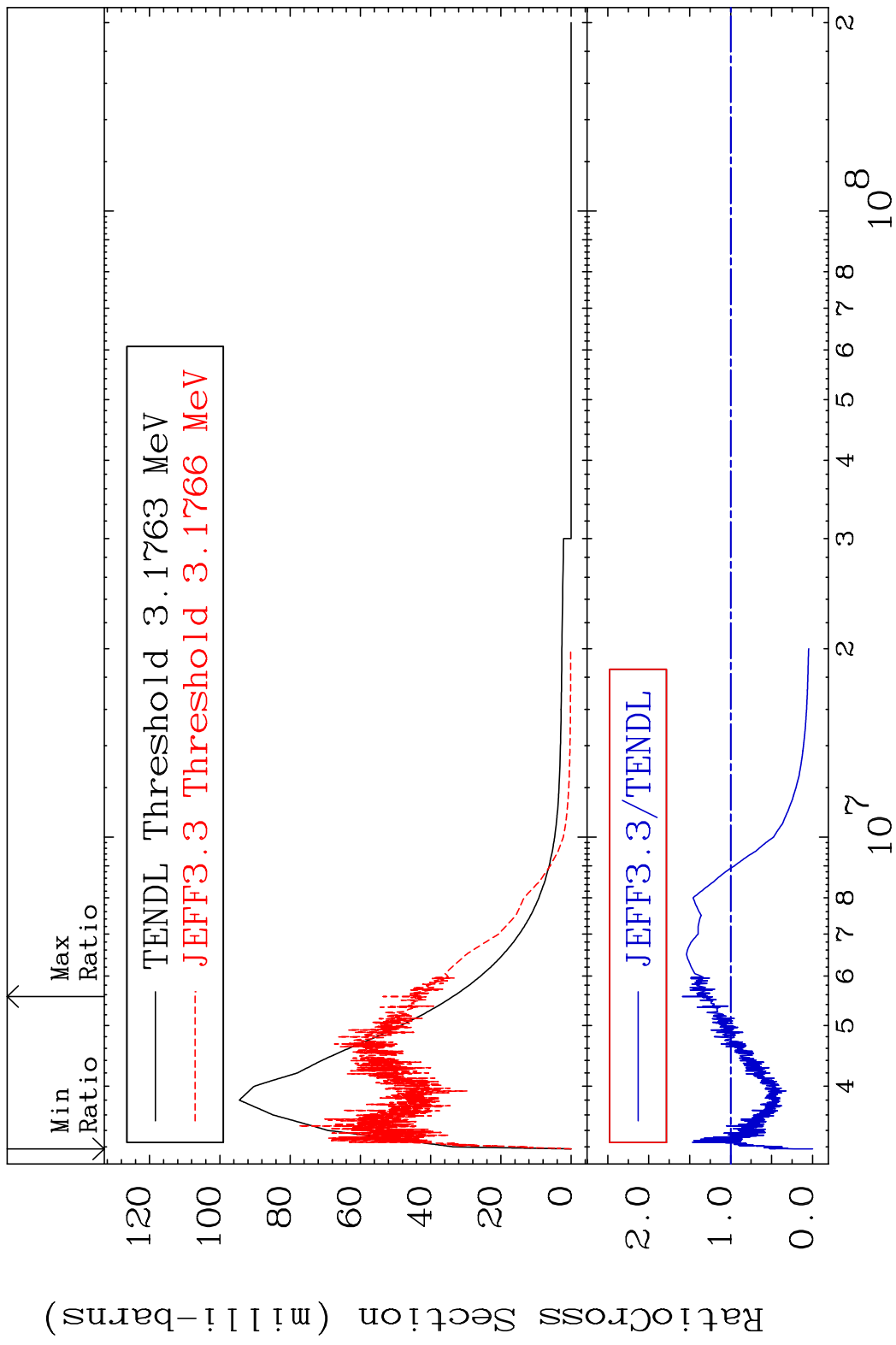


11 Incident Energy (eV) 28-Ni-60

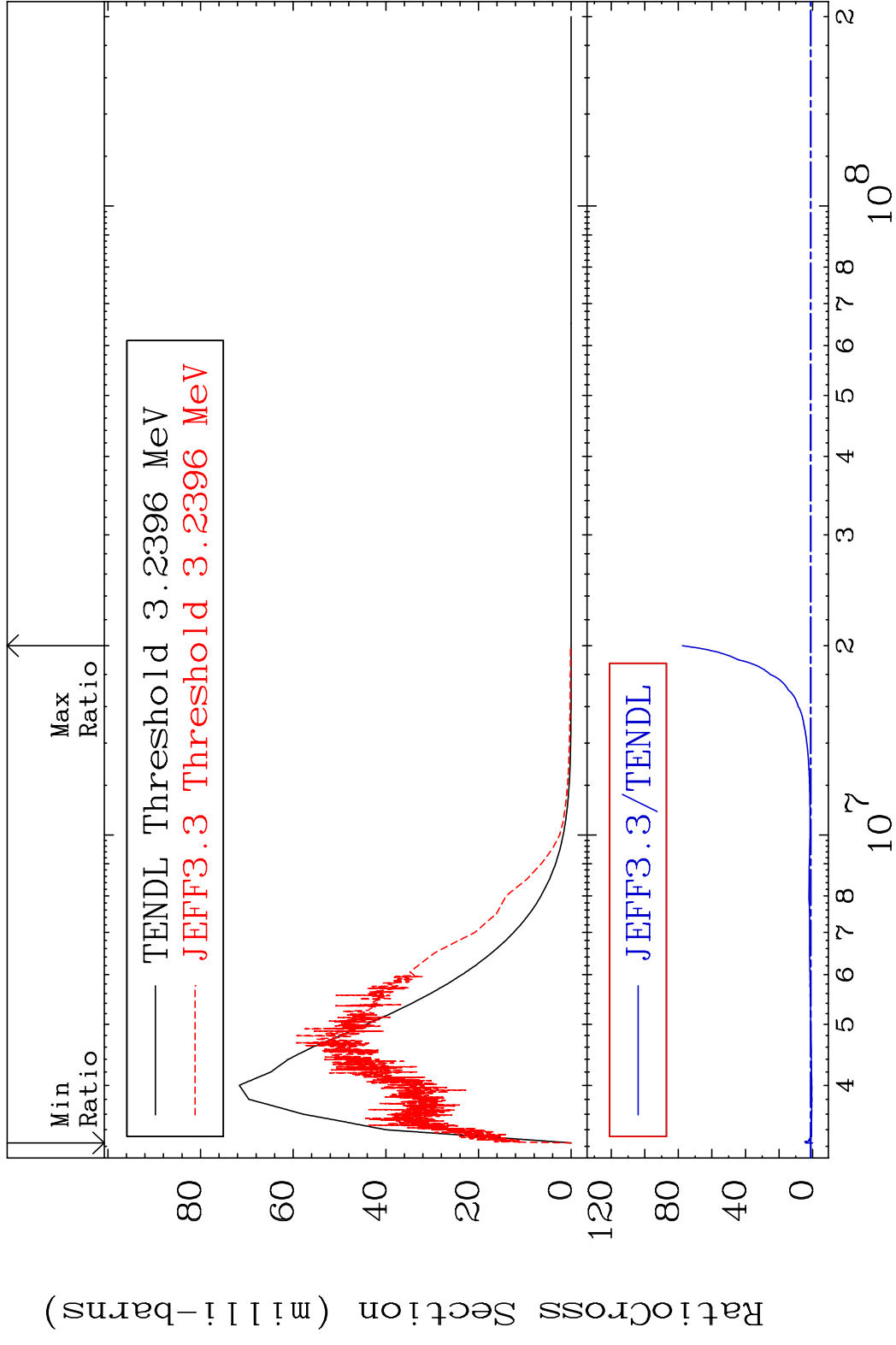
MAT 2831 MT= 56 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 590.0 %



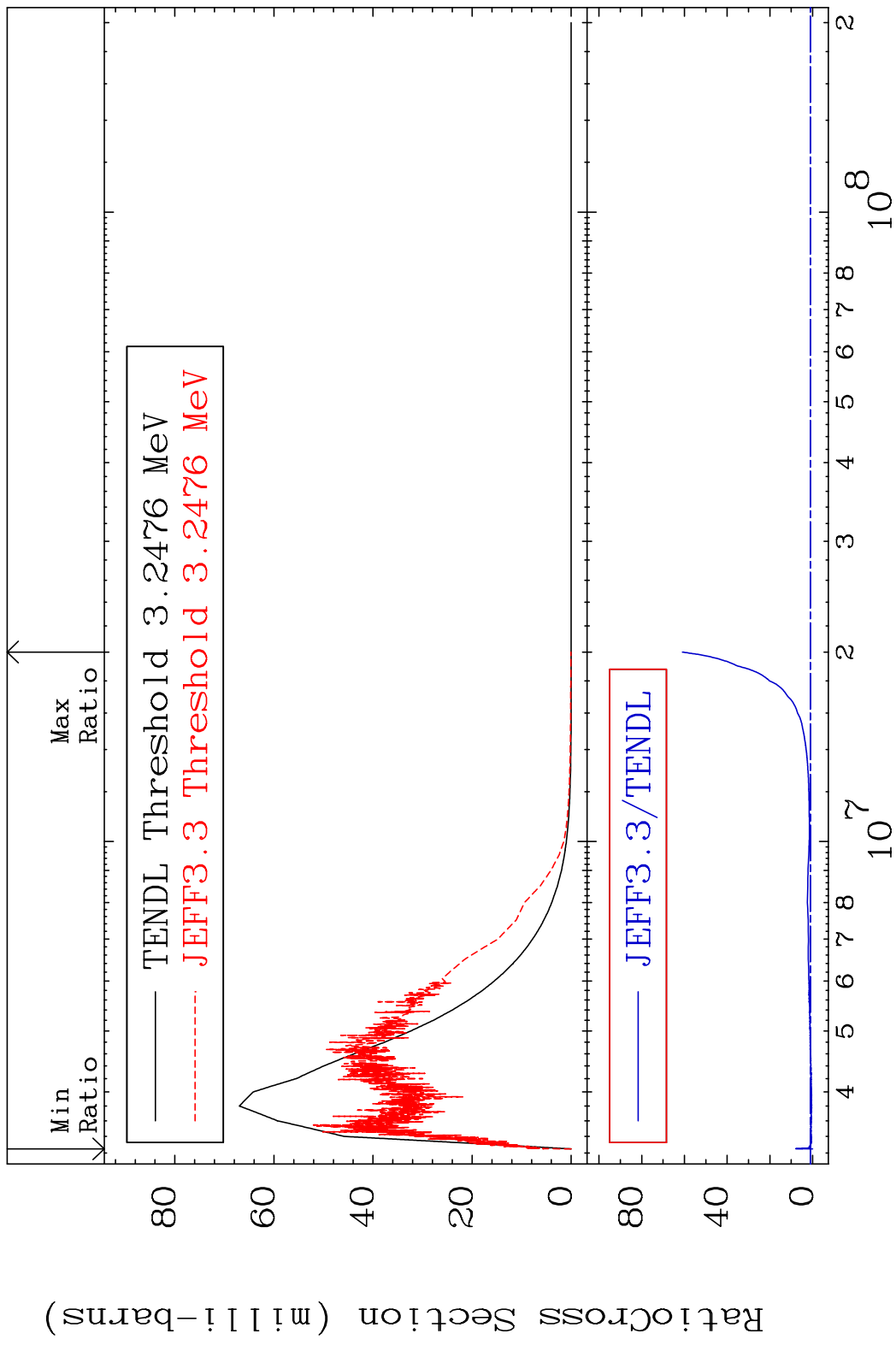
MAT 2831 MT= 57 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 58.94 %



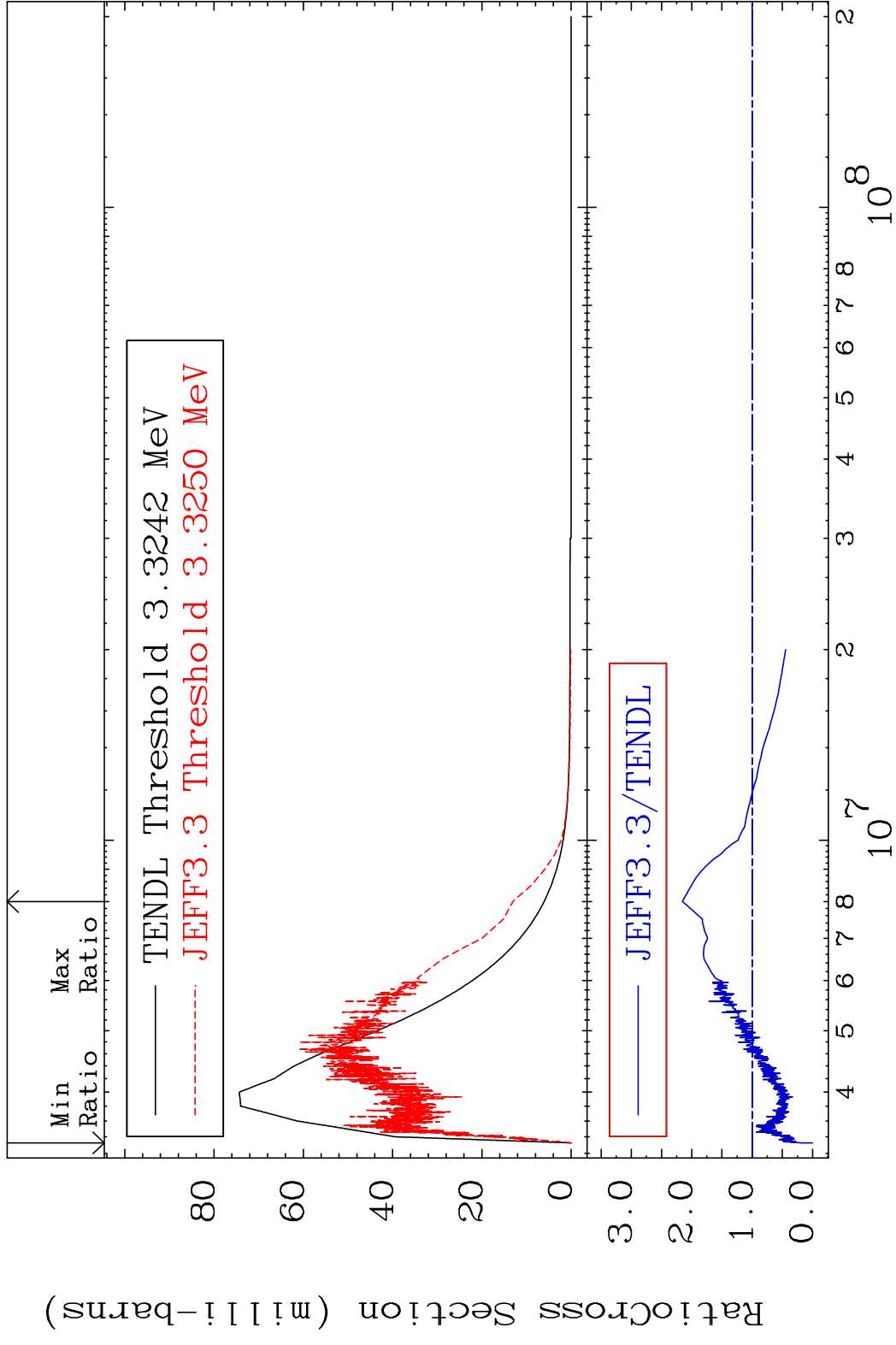
MAT 2831 MT= 58 (n,n') Level 28-Ni-60
 Cross Section -100.0 To 7661. %



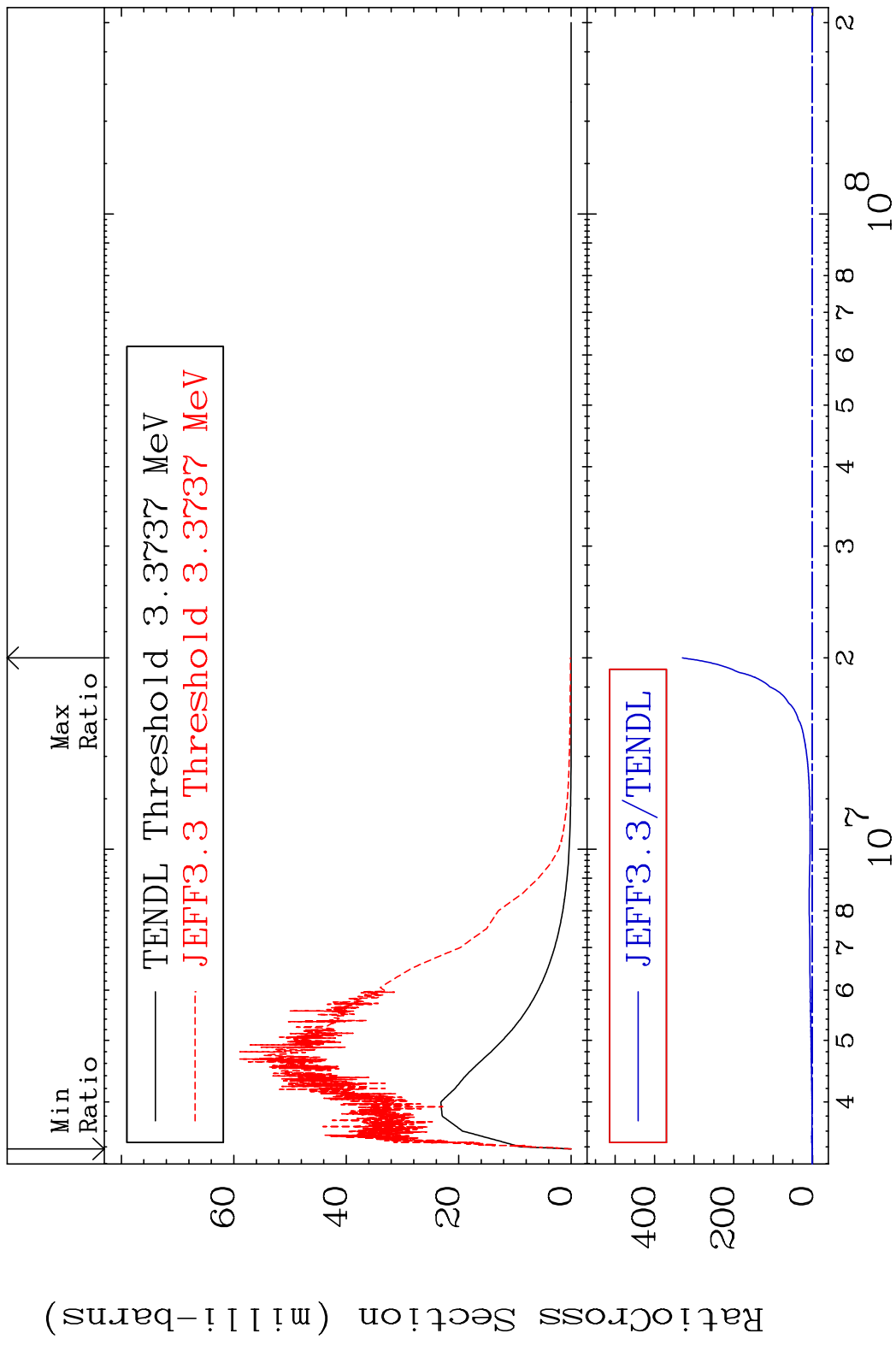
MAT 2831 MT= 59 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 5997. %



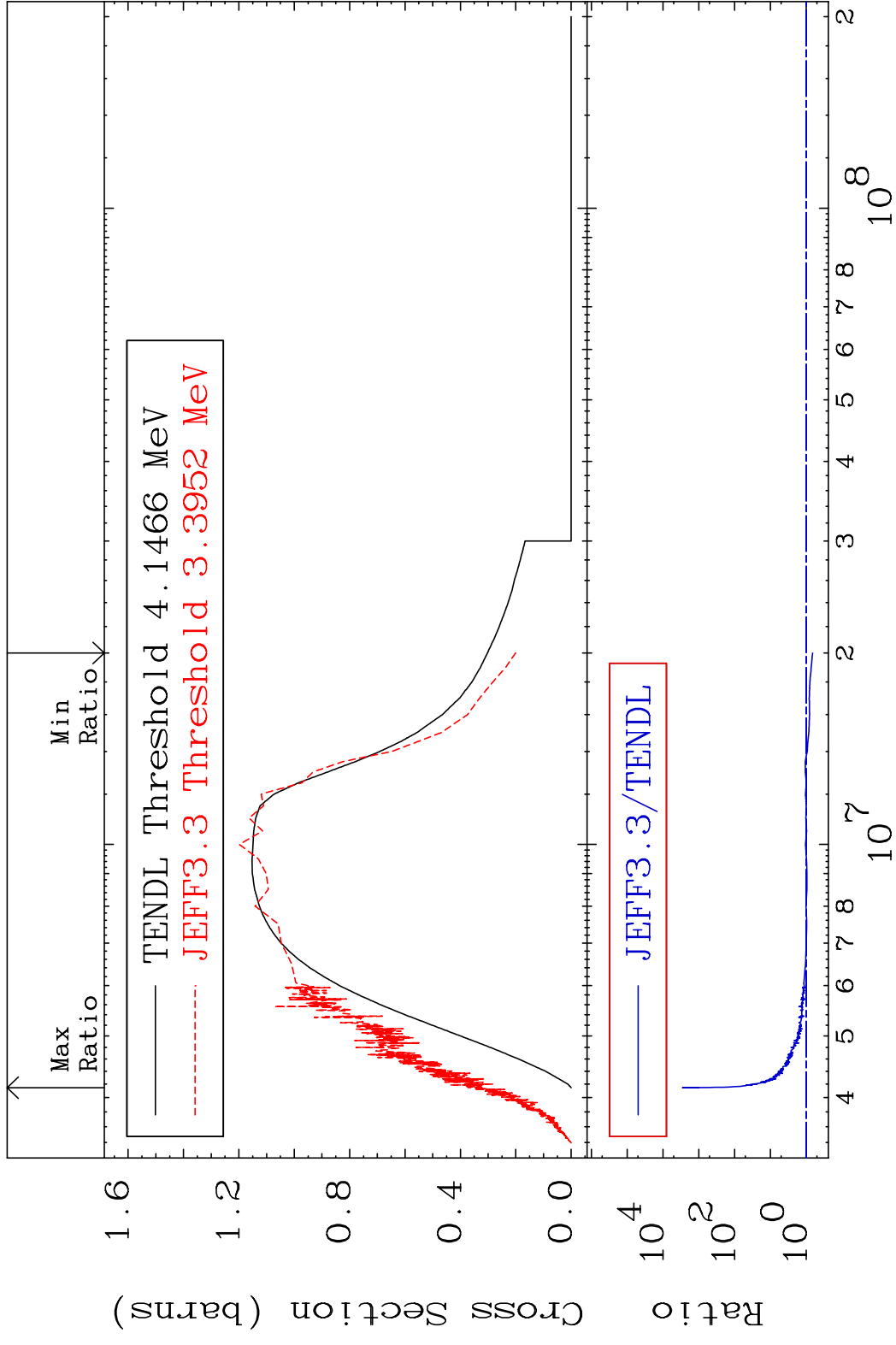
MAT 2831 MT= 60 (n, n') Level 28-Ni-60
 Cross Section -100.0 To 115.5 %



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 -33.63 To 9999. %

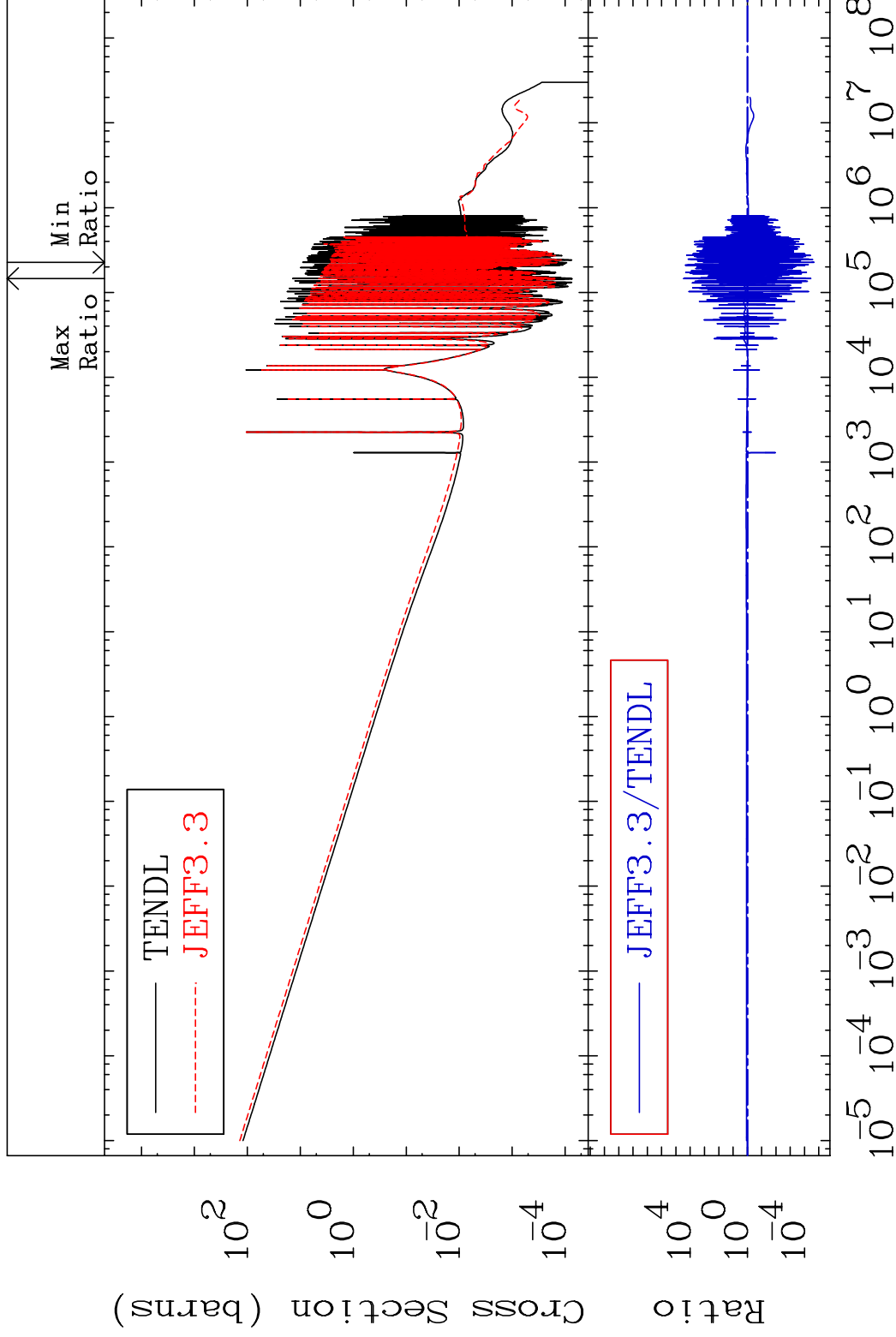


MAT 2831

(n, γ)

28-Ni-60

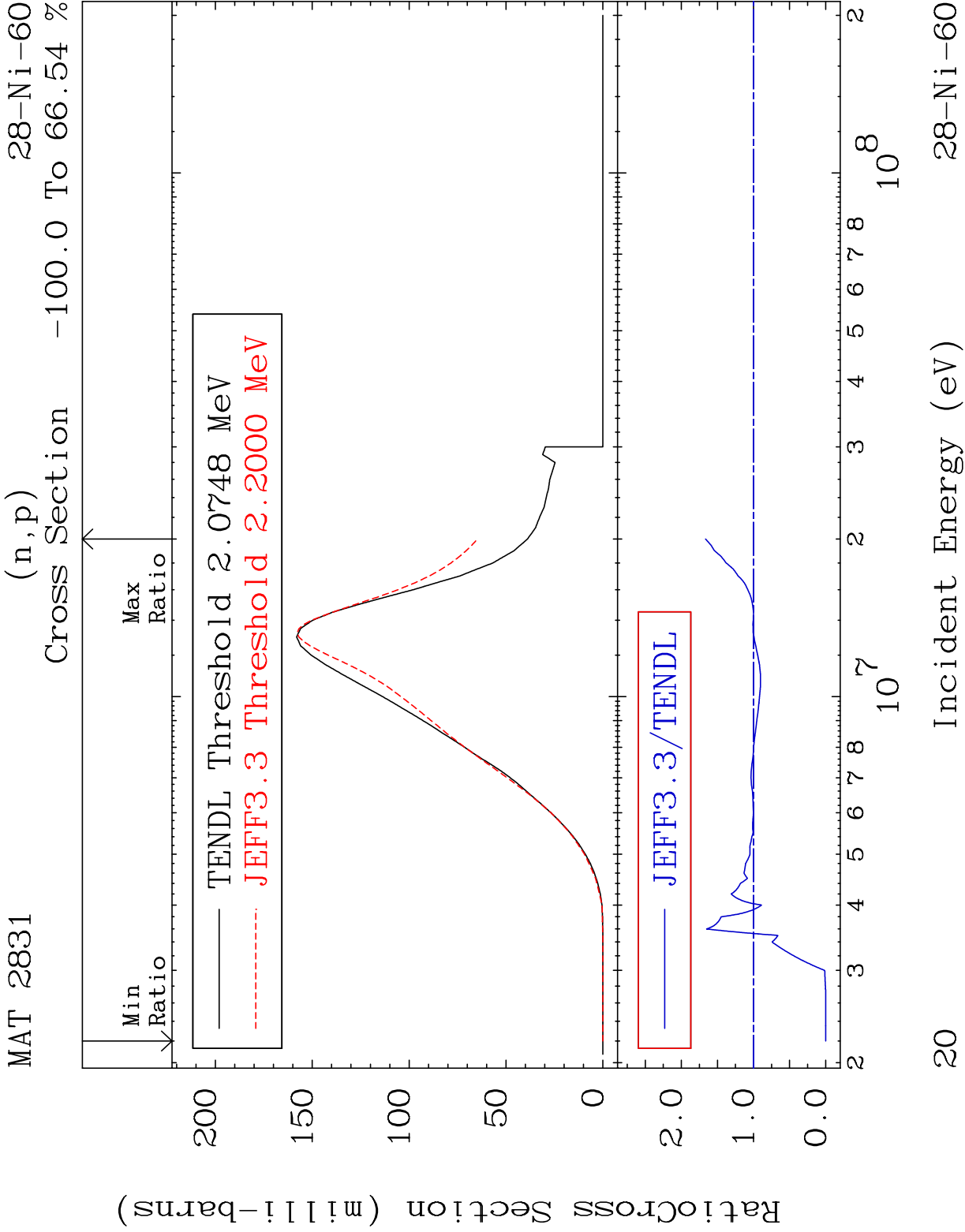
Cross Section -100.0 To 9999. %



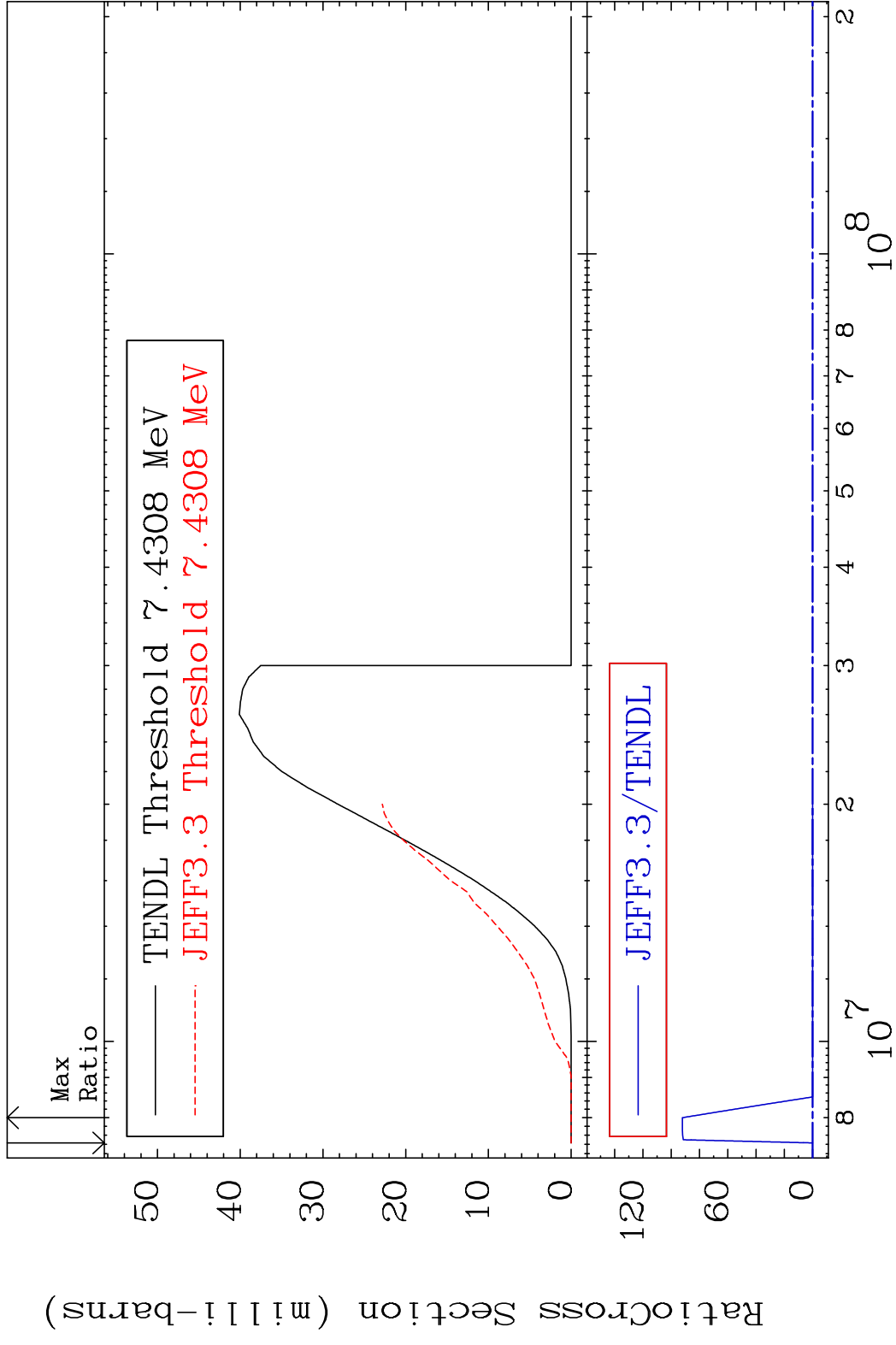
19

Incident Energy (eV)

28-Ni-60



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



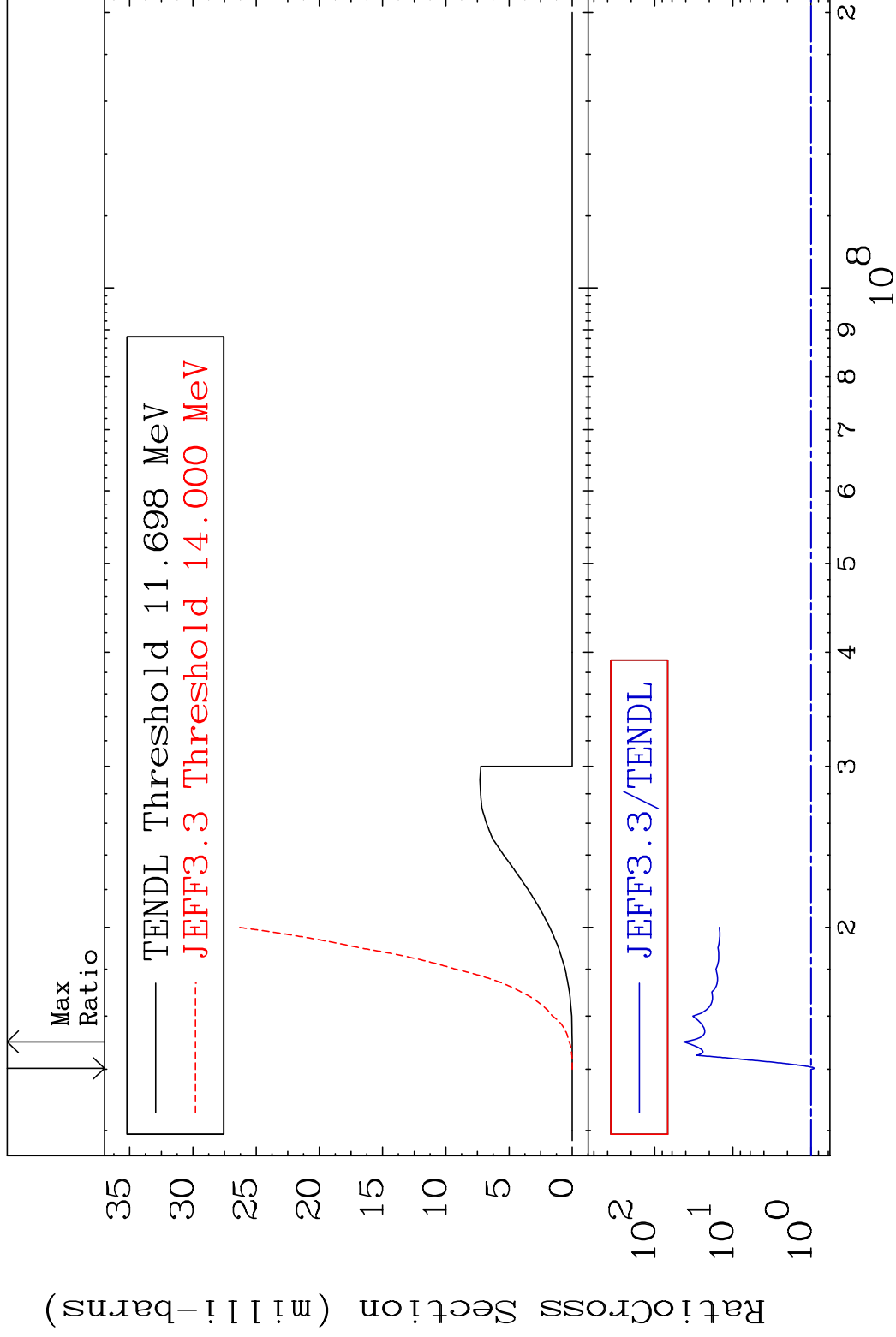
21 28-Ni-60

MAT 2831

(n, t)

28-Ni-60

Cross Section -8.901 To 4153. %



22

Incident Energy (eV)

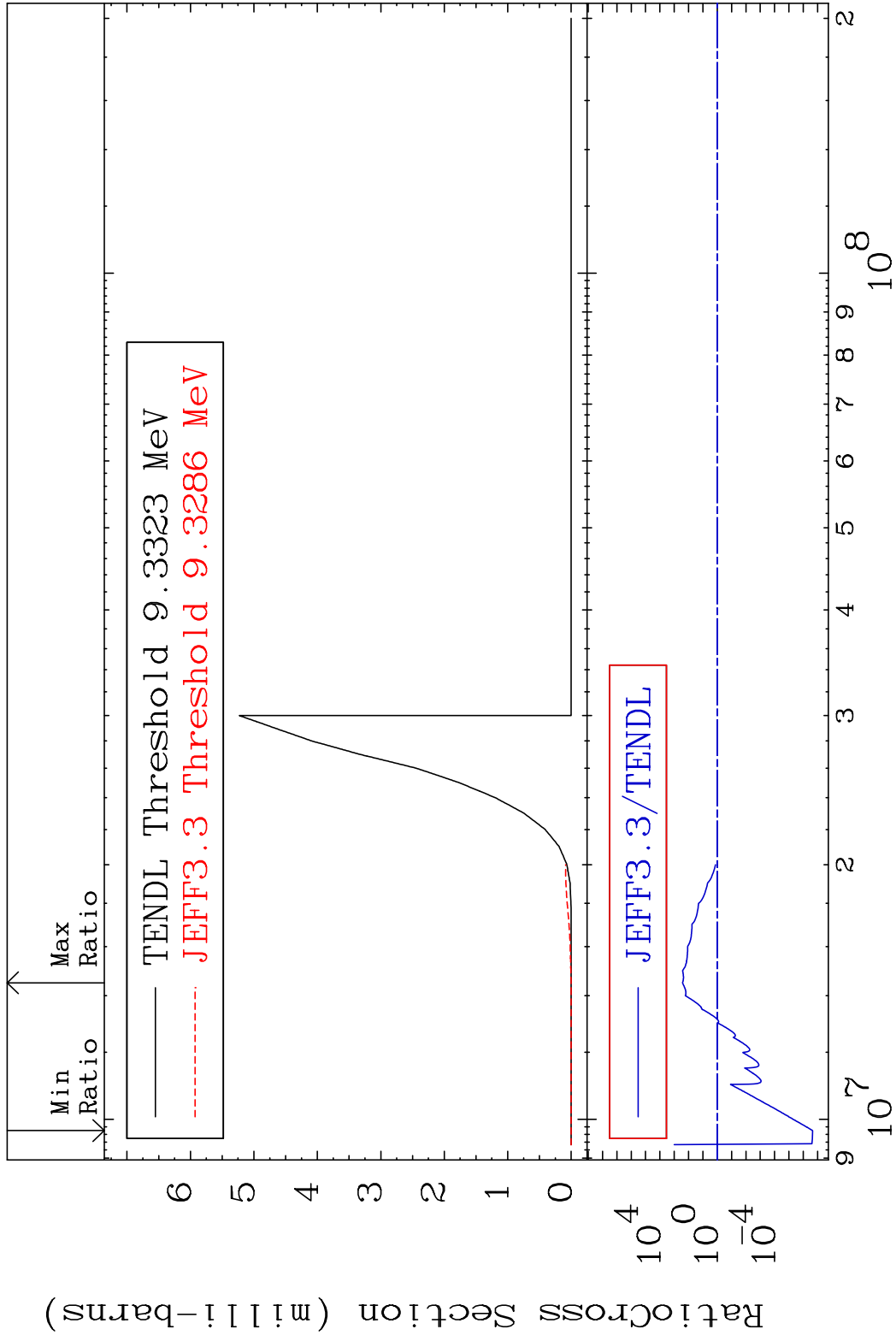
28-Ni-60

MAT 2831

(n, He-3)

28-Ni-60

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

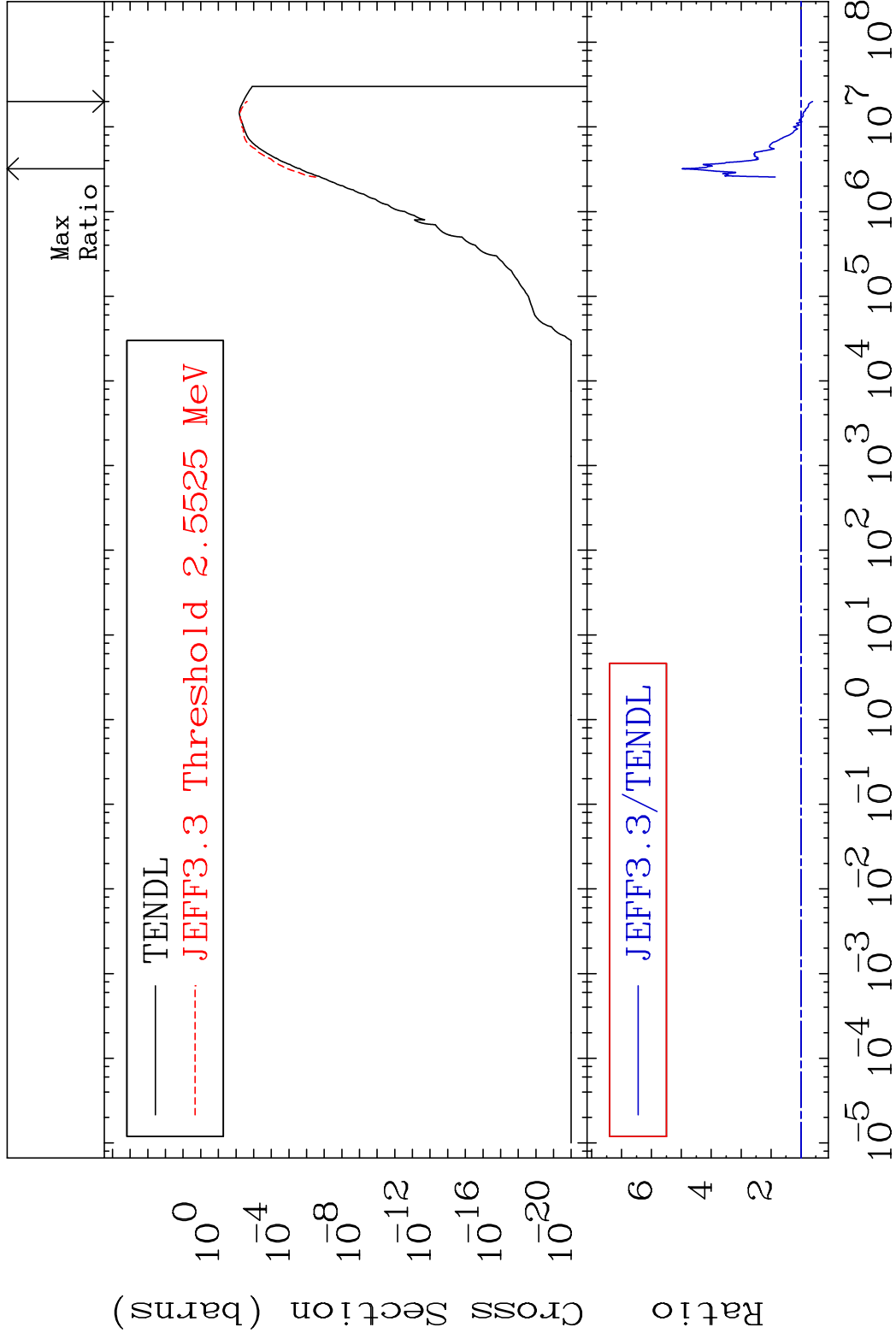
28-Ni-60

MAT 2831

(n, α)

28-Ni-60

Cross Section -38.82 To 396.6 %

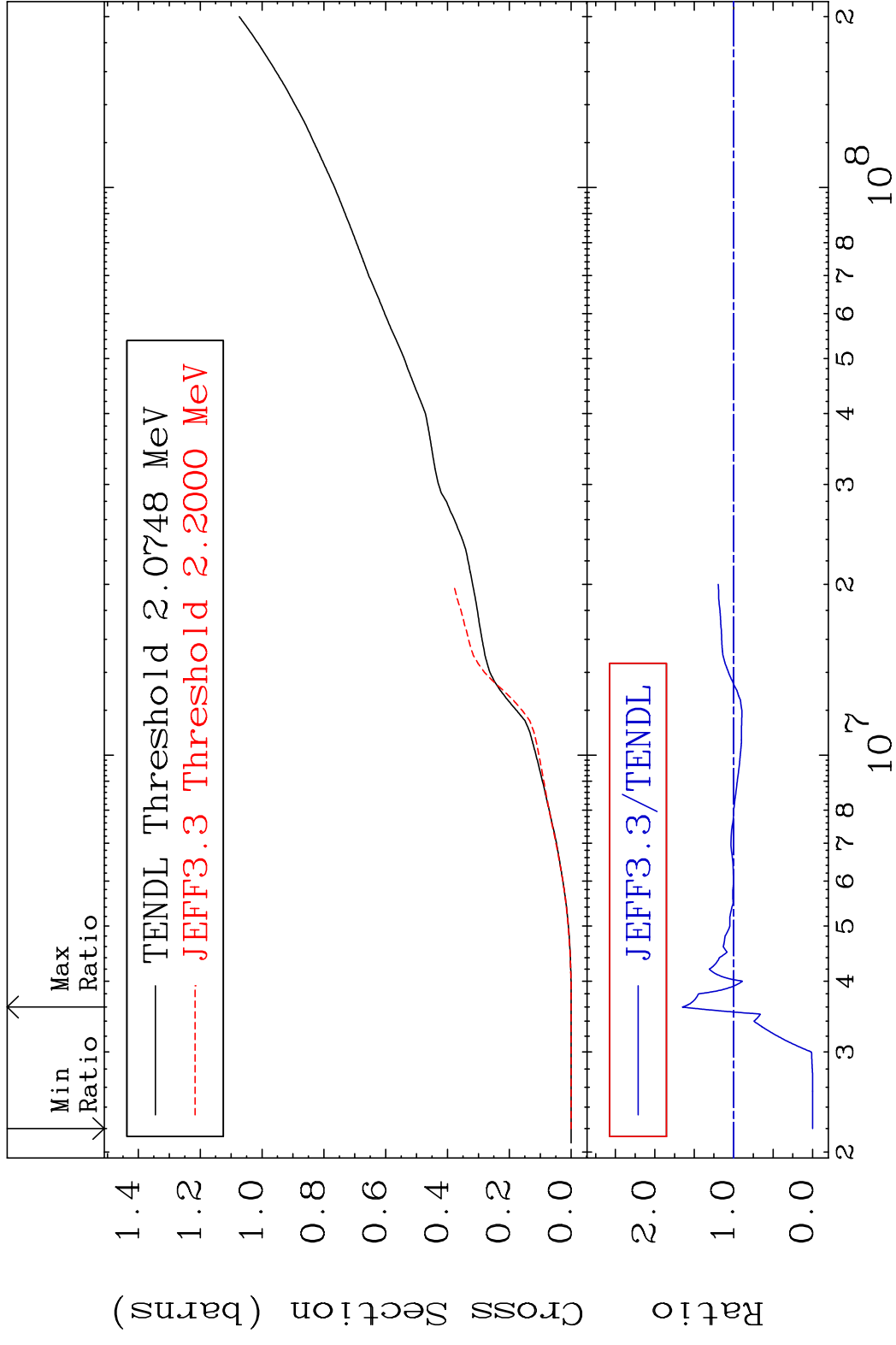


24

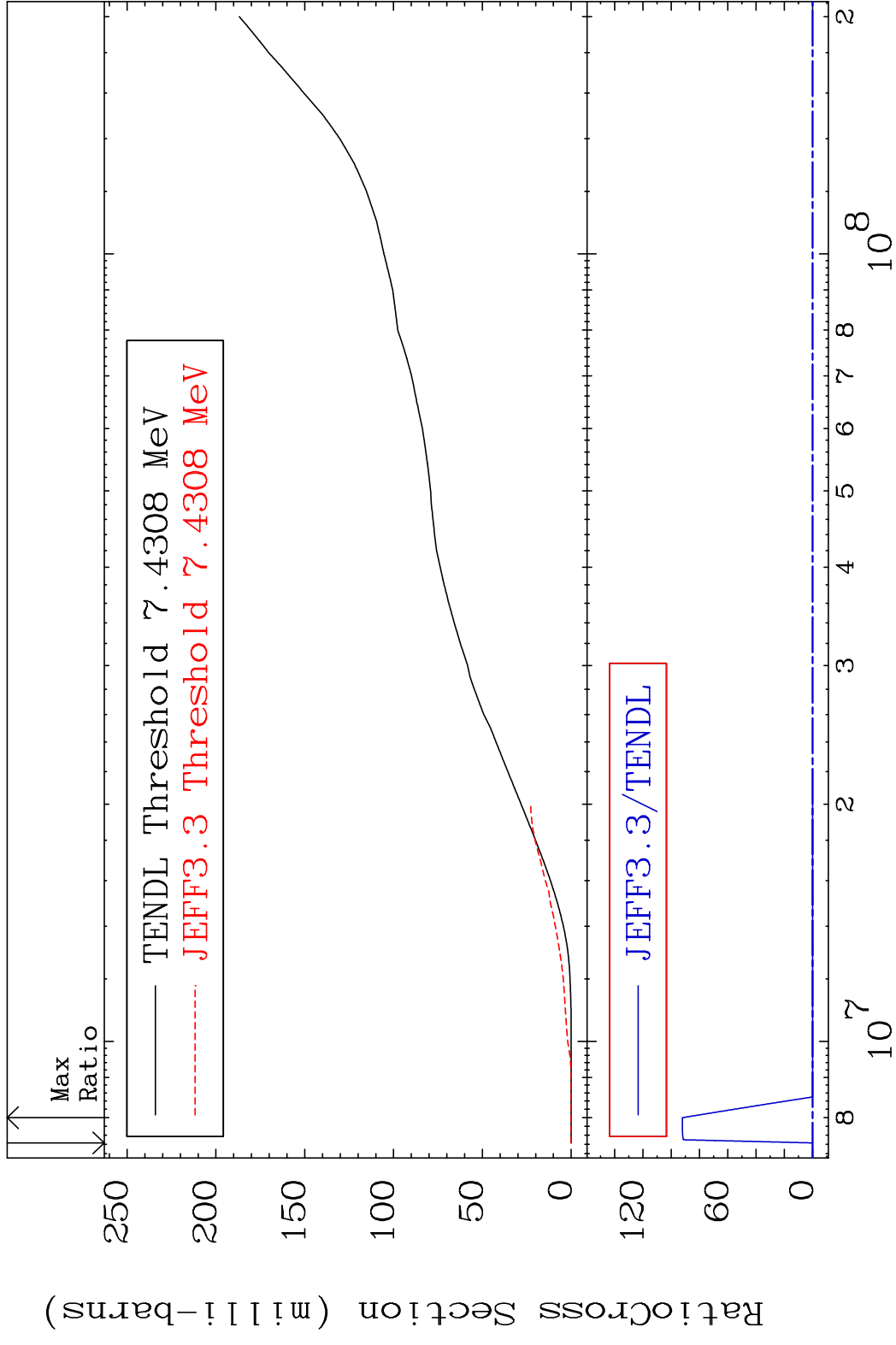
Incident Energy (eV)

28-Ni-60

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



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



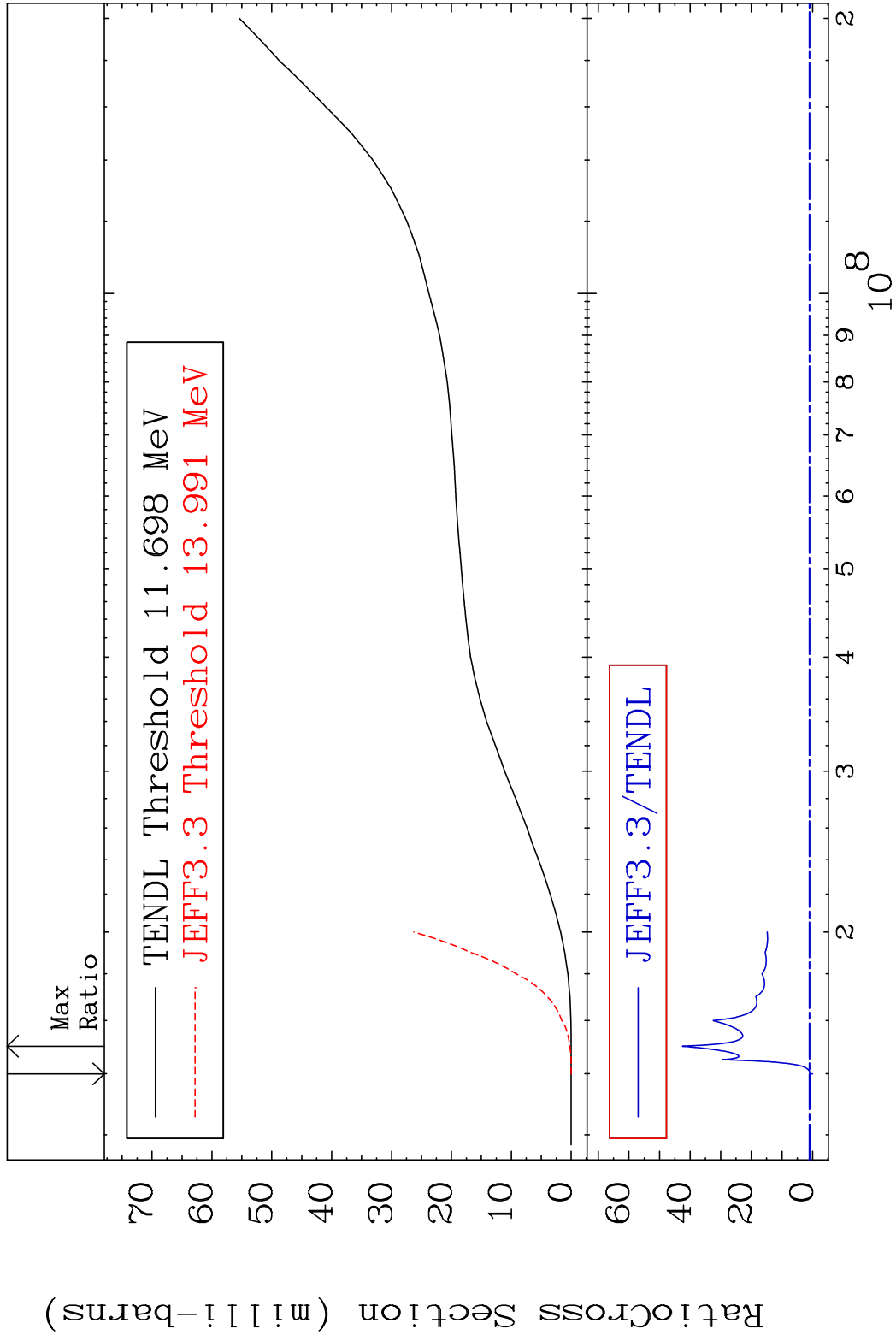
26 Incident Energy (eV) 28-Ni-60

MAT 2831

Tritium Production

²⁸Ni-60

Cross Section -100.0 To 4153. %



27

Incident Energy (eV)

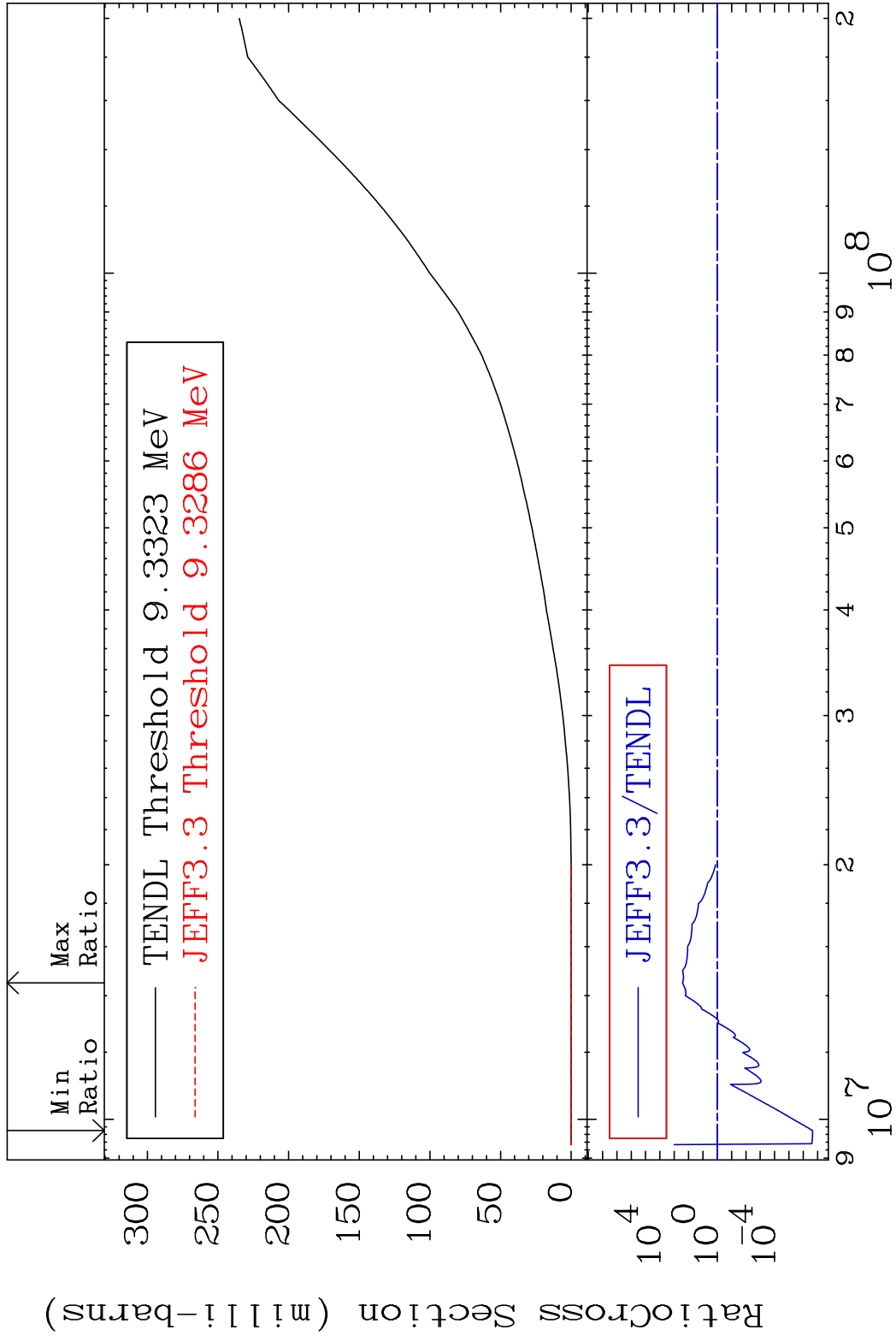
²⁸Ni-60

MAT 2831

He-3 Production

28-Ni-60

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

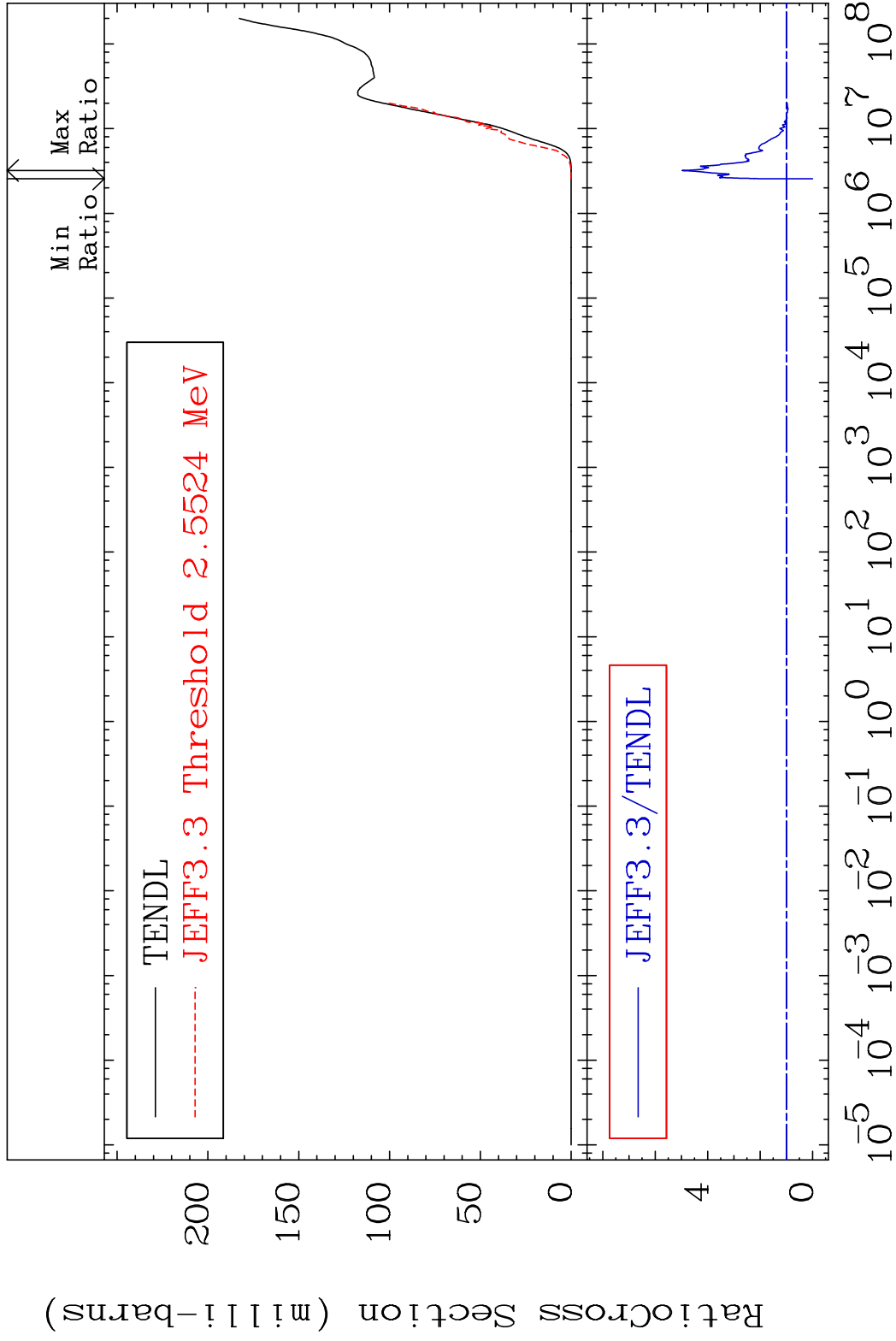
28-Ni-60

MAT 2831

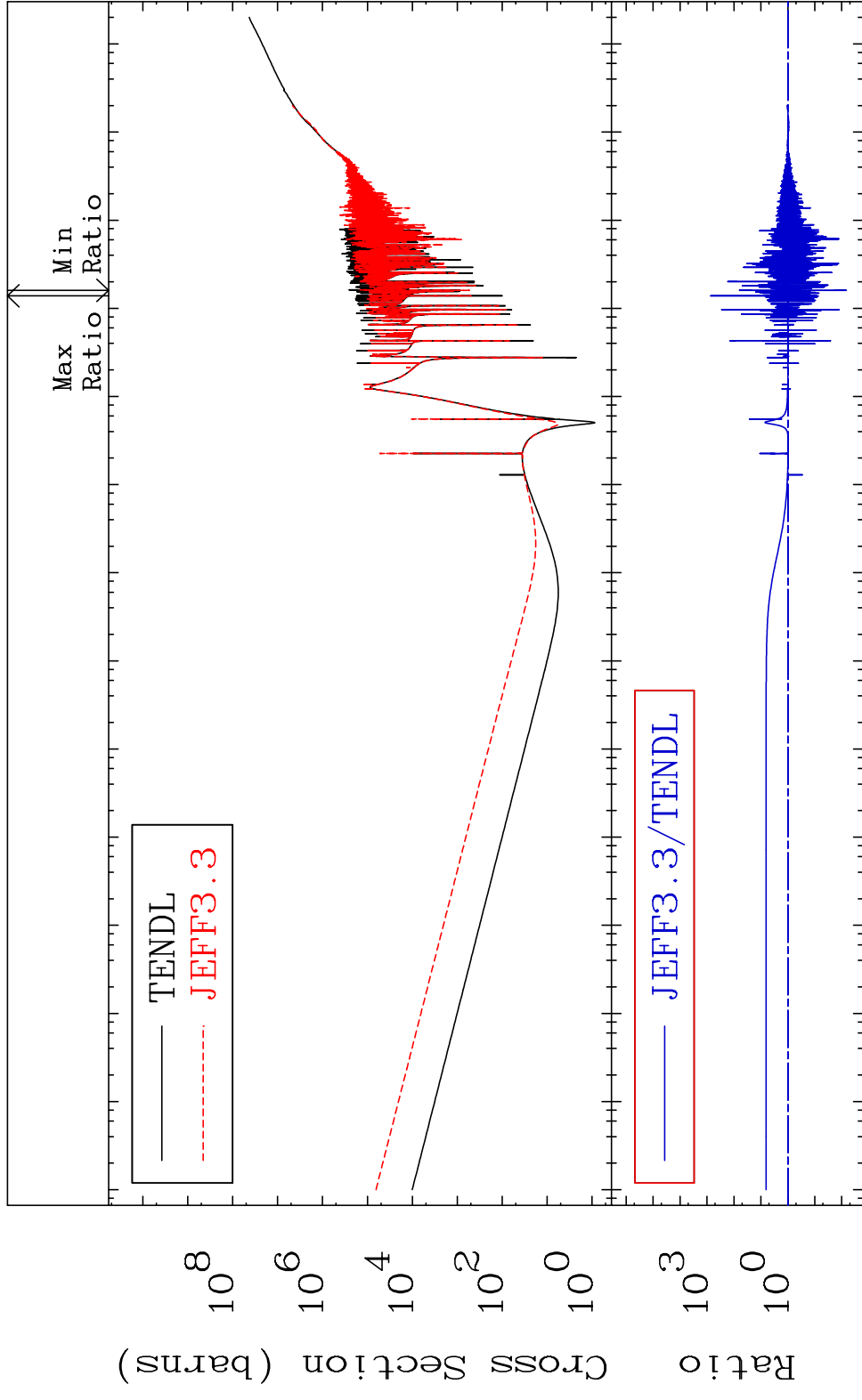
He-4 Production

28-Ni-60

Cross Section -100.0 To 396.6 %



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



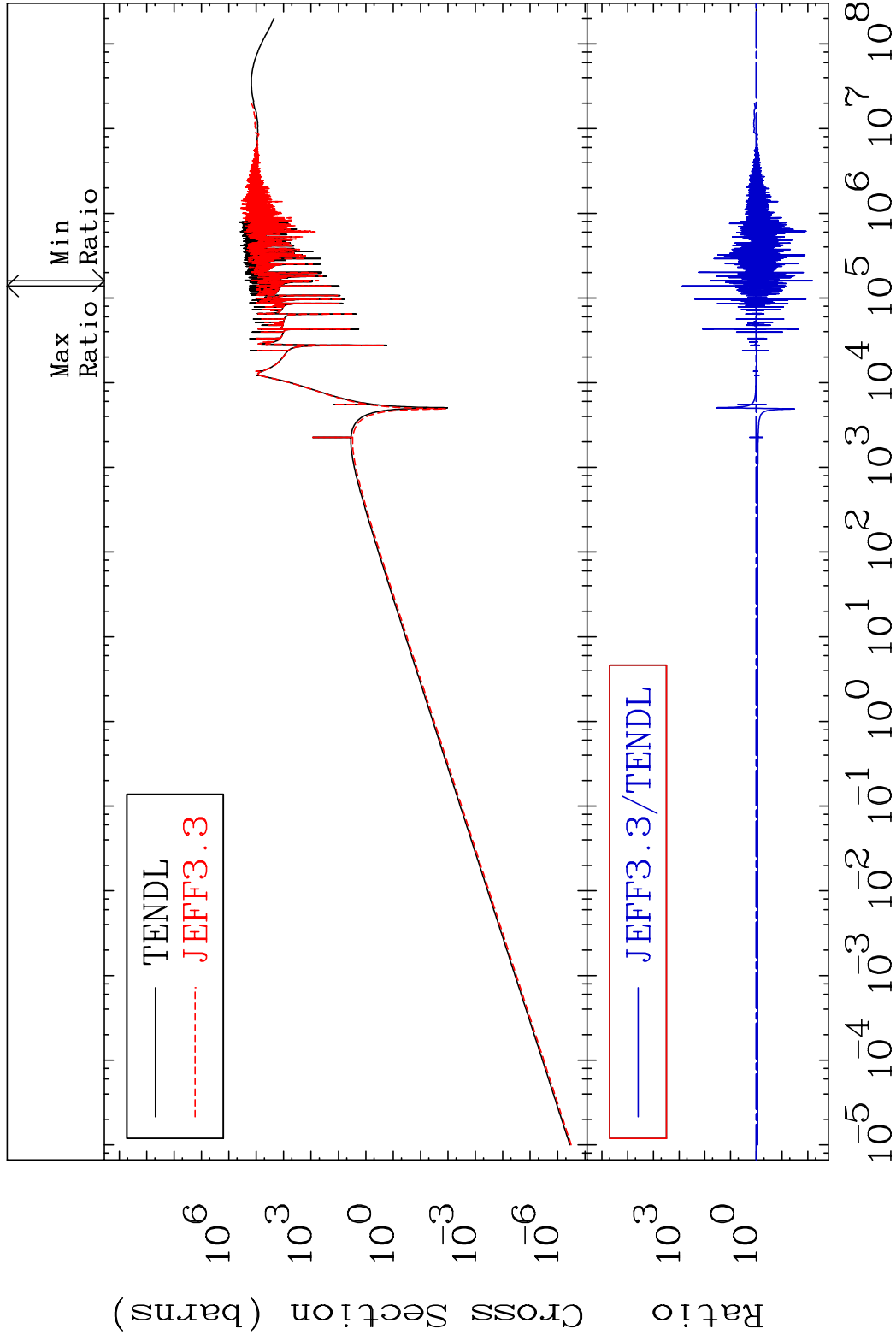
Ratio
 10³
 10⁰
 10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

30 Incident Energy (eV) 28-Ni-60

MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-99.34 To 9999. %

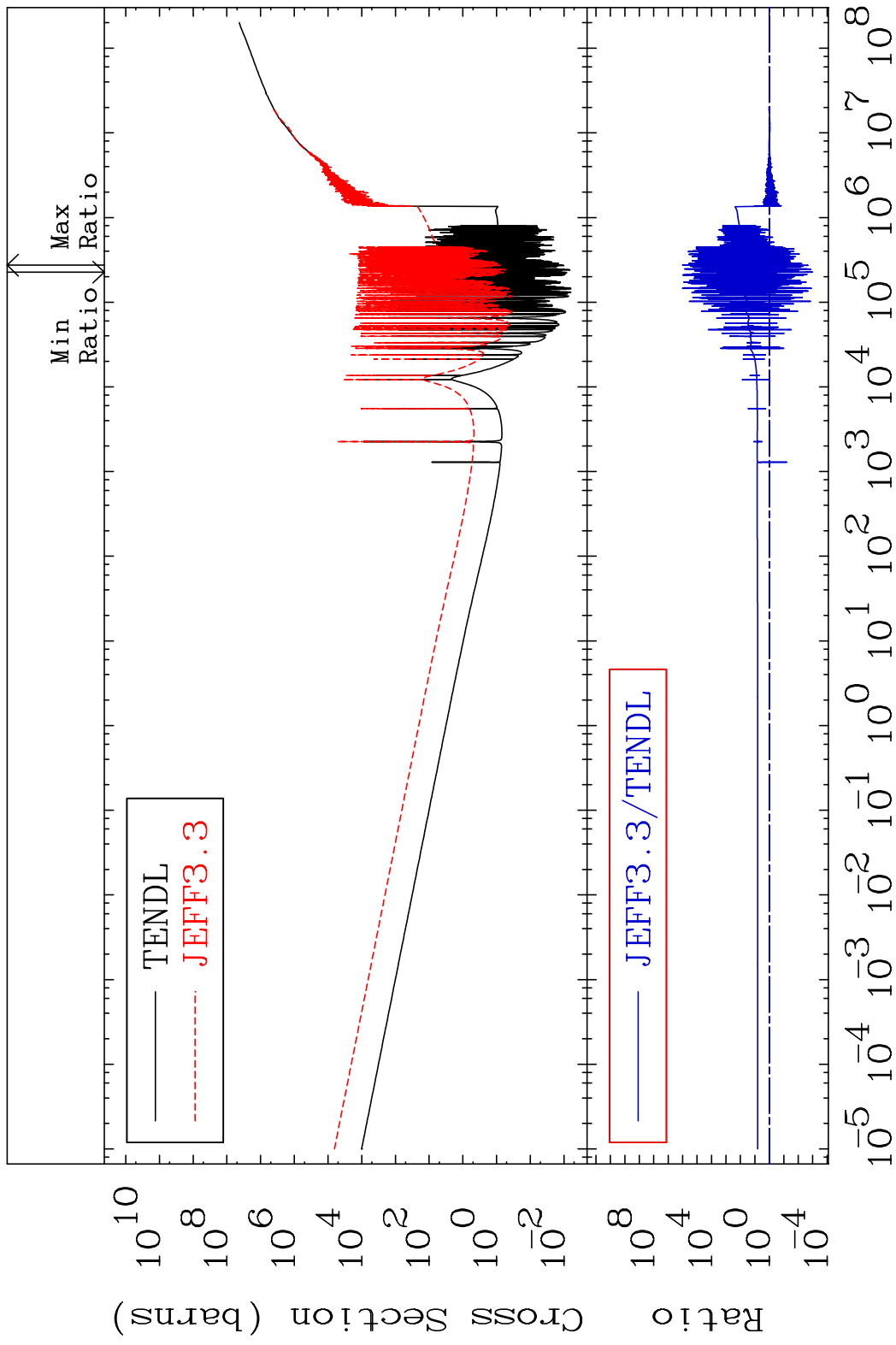


31

Incident Energy (eV)

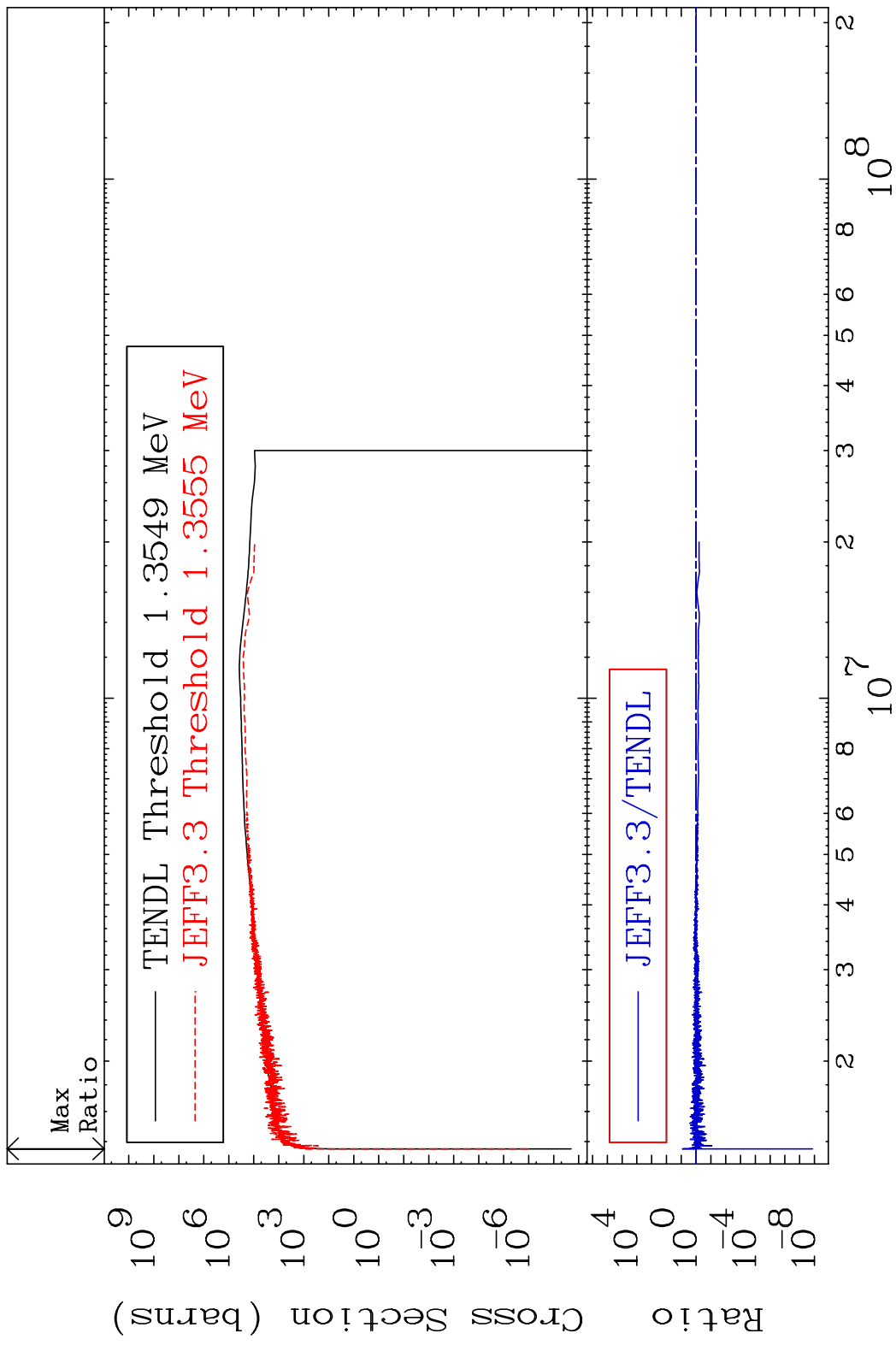
28-Ni-60

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

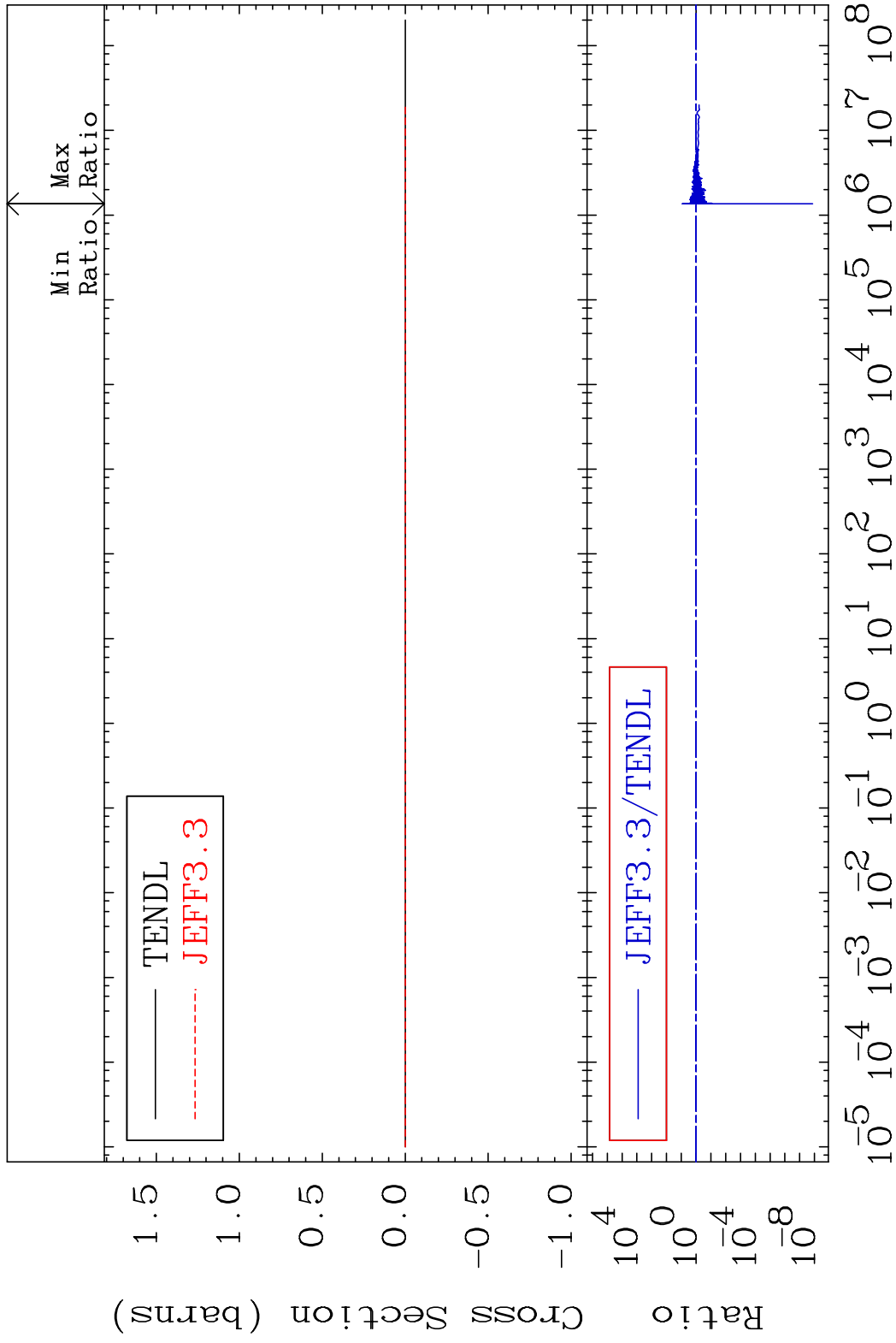


32 Incident Energy (eV) 28-Ni-60

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

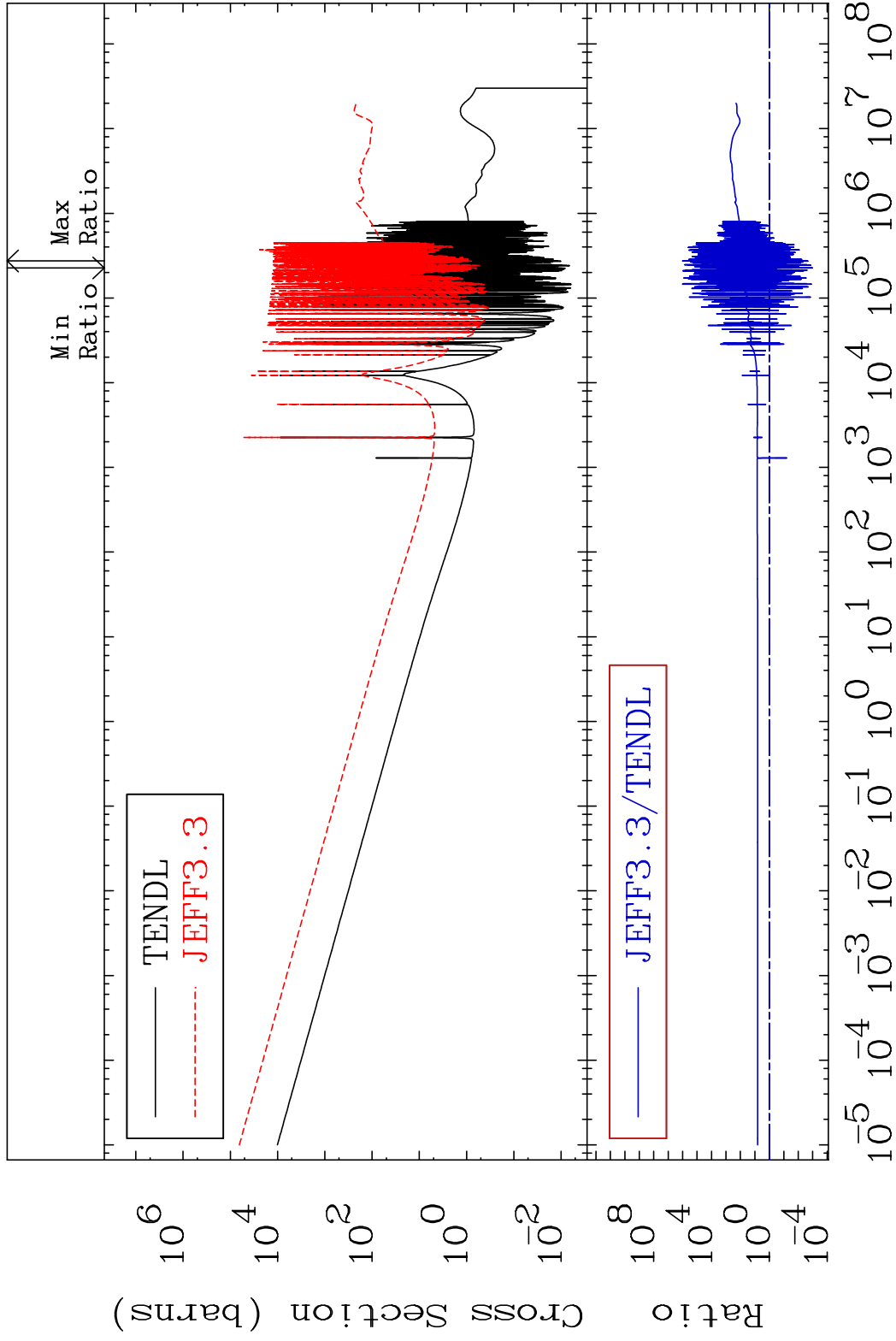


MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60
 Cross Section -100.0 To 746.1 %



MAT 2831

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

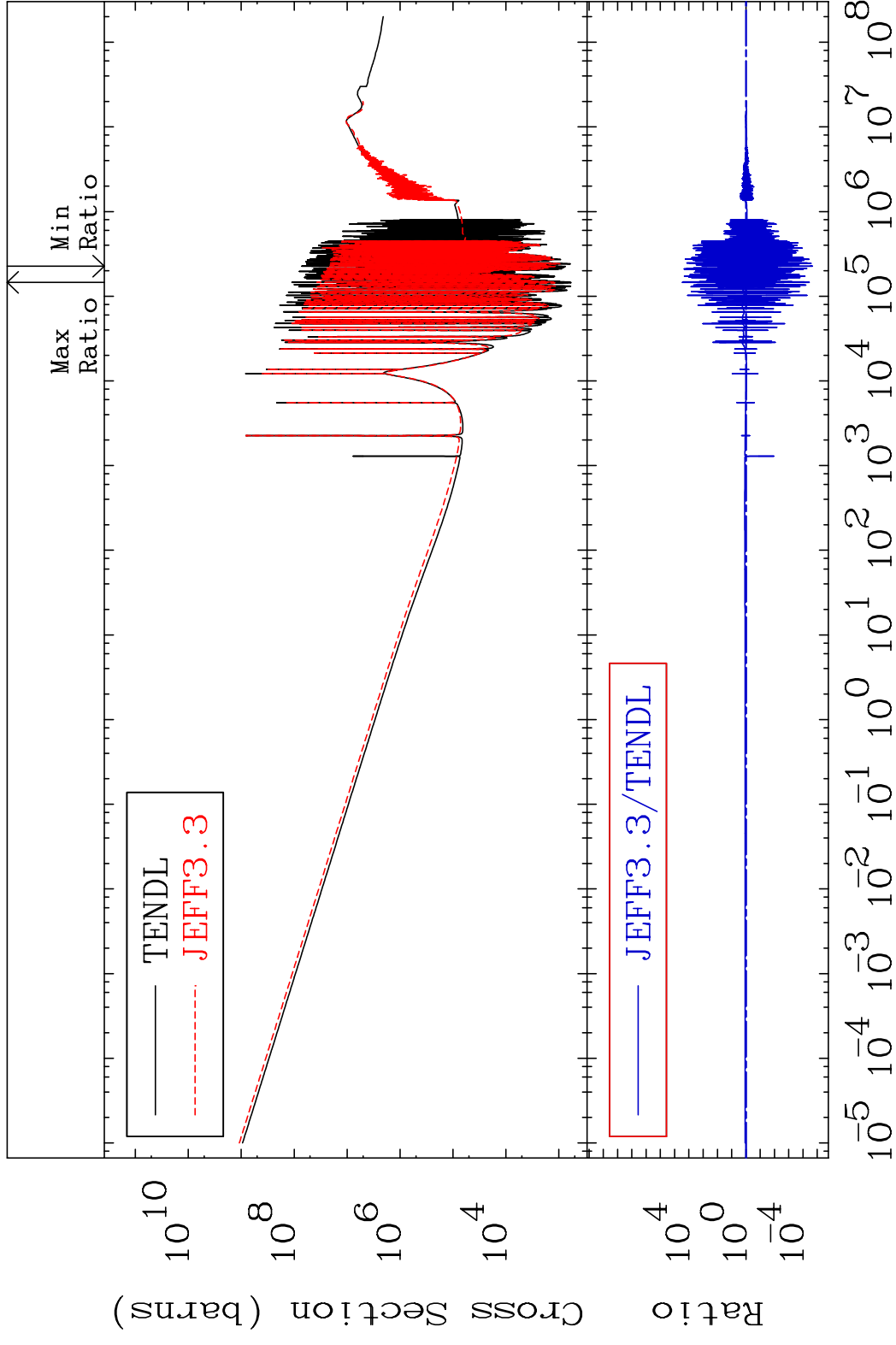


35

Incident Energy (eV)

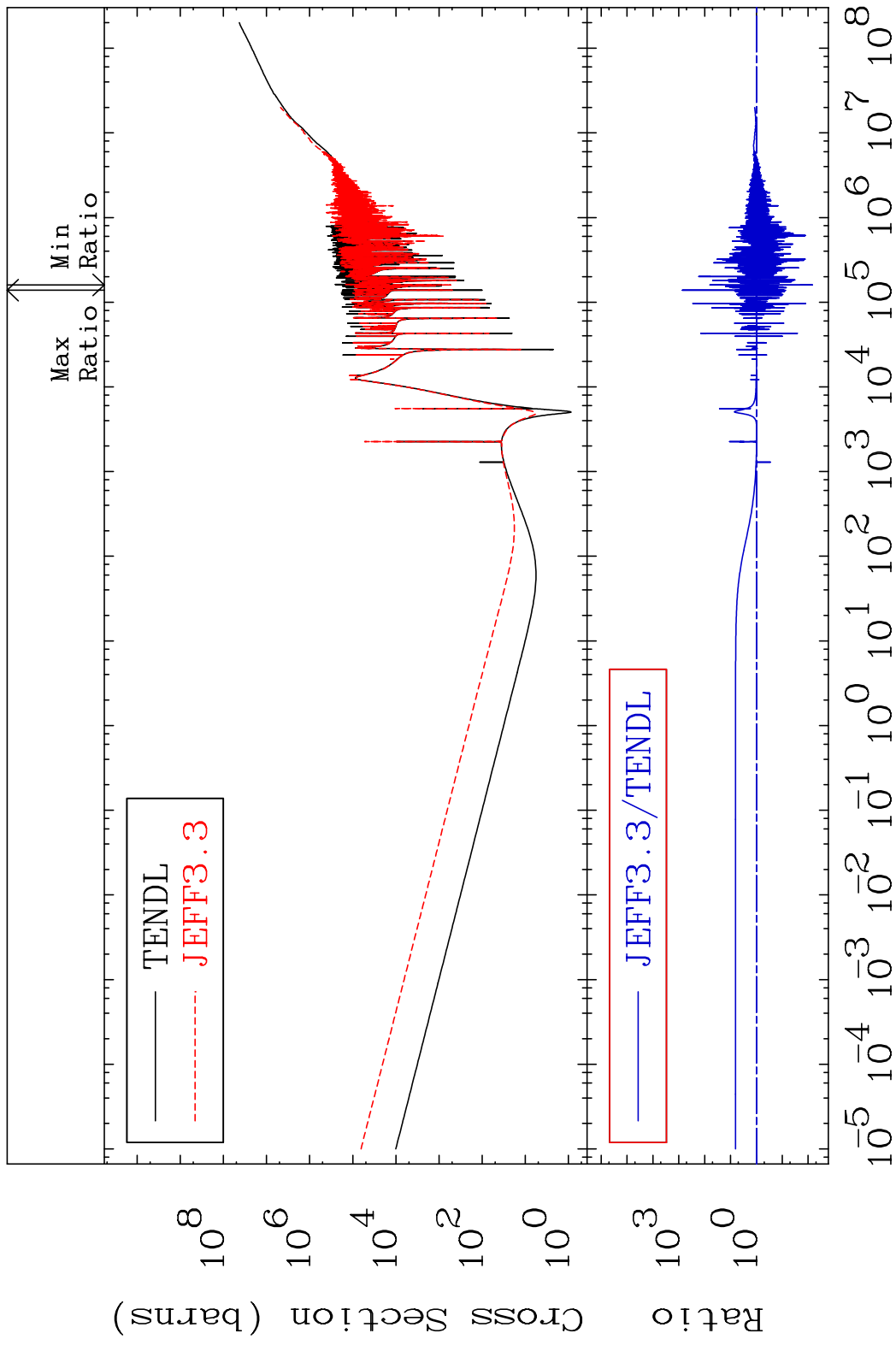
28-Ni-60

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

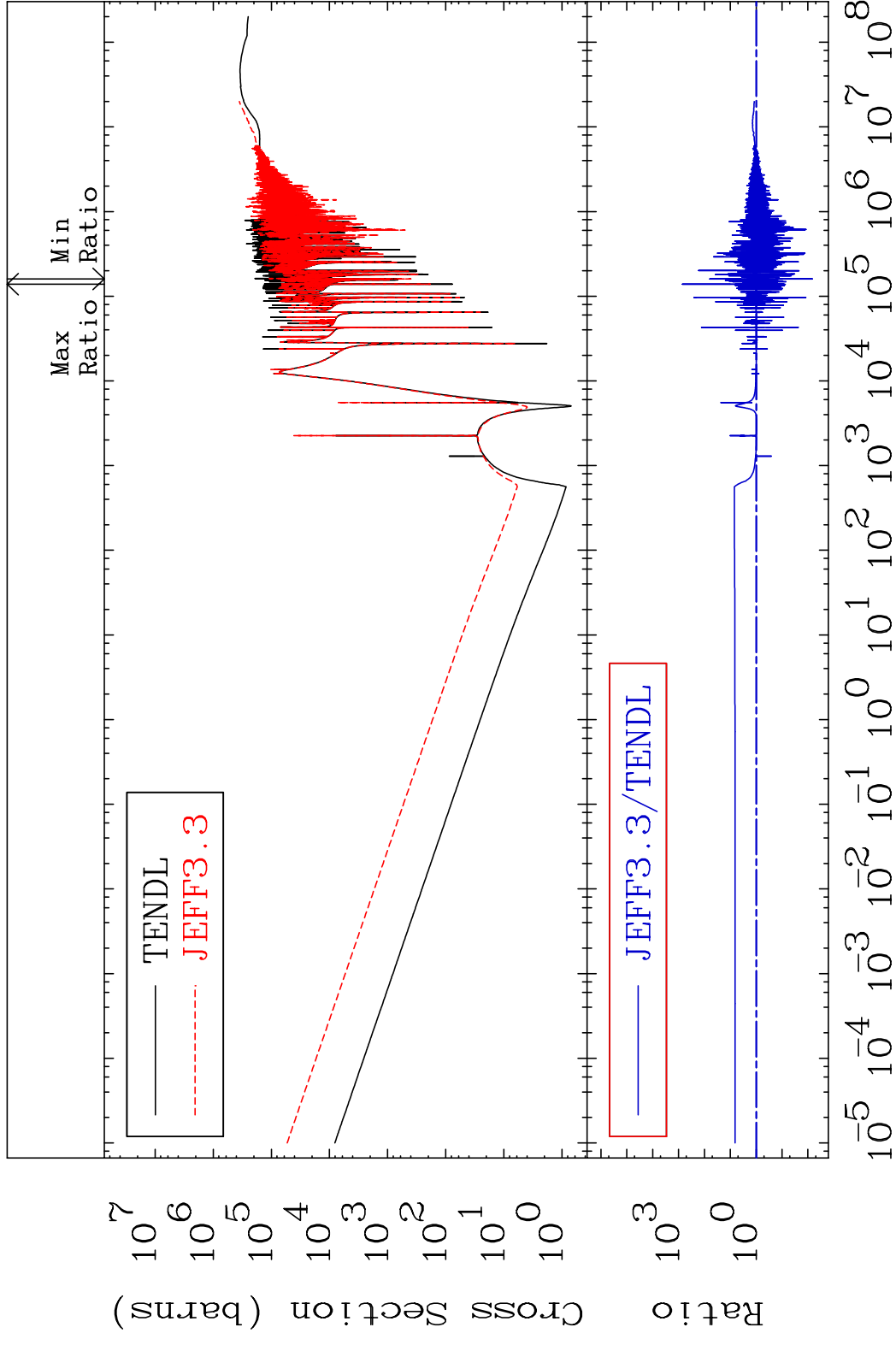


36 Incident Energy (eV) 28-Ni-60

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

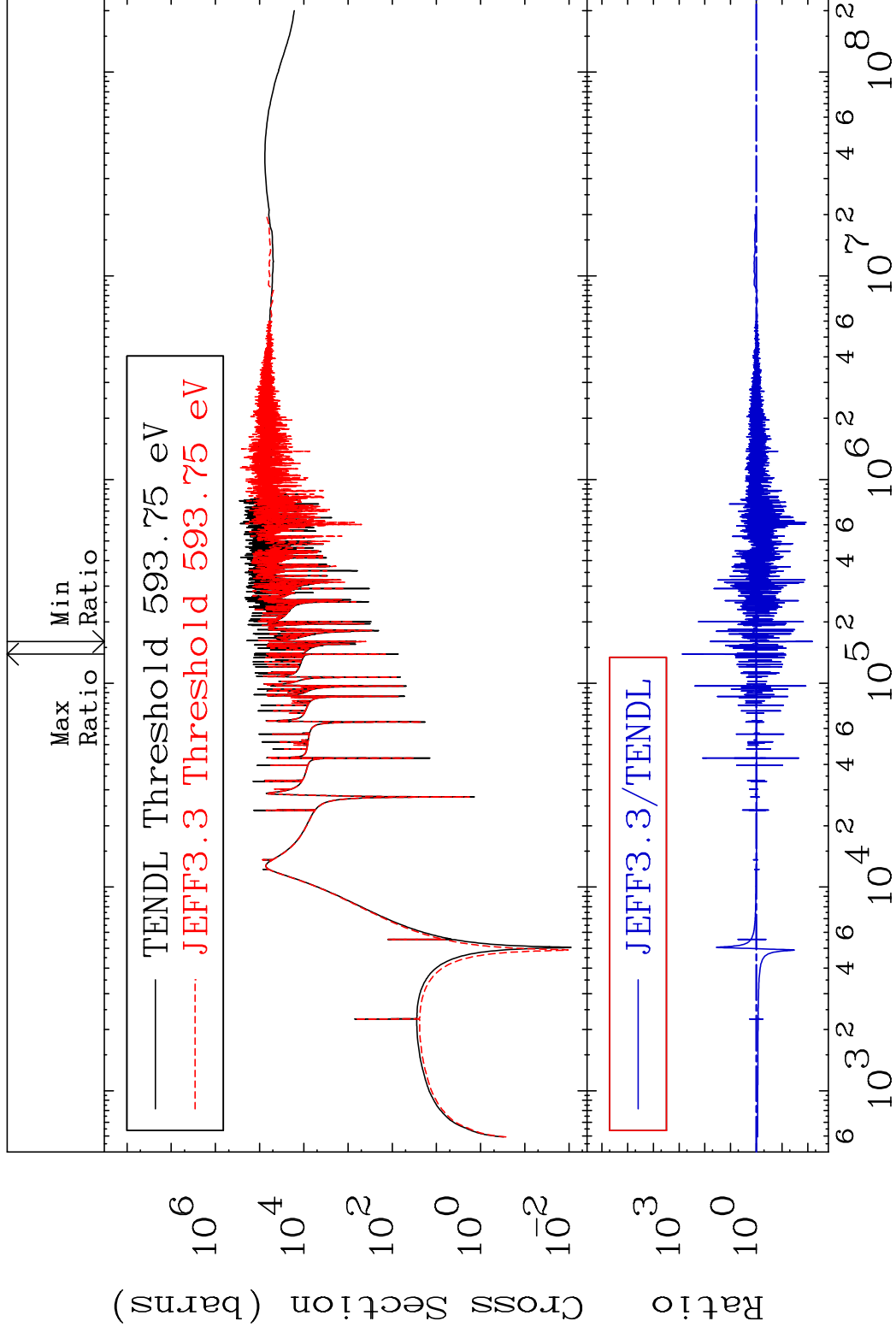
MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section

-99.34 To 9999. %

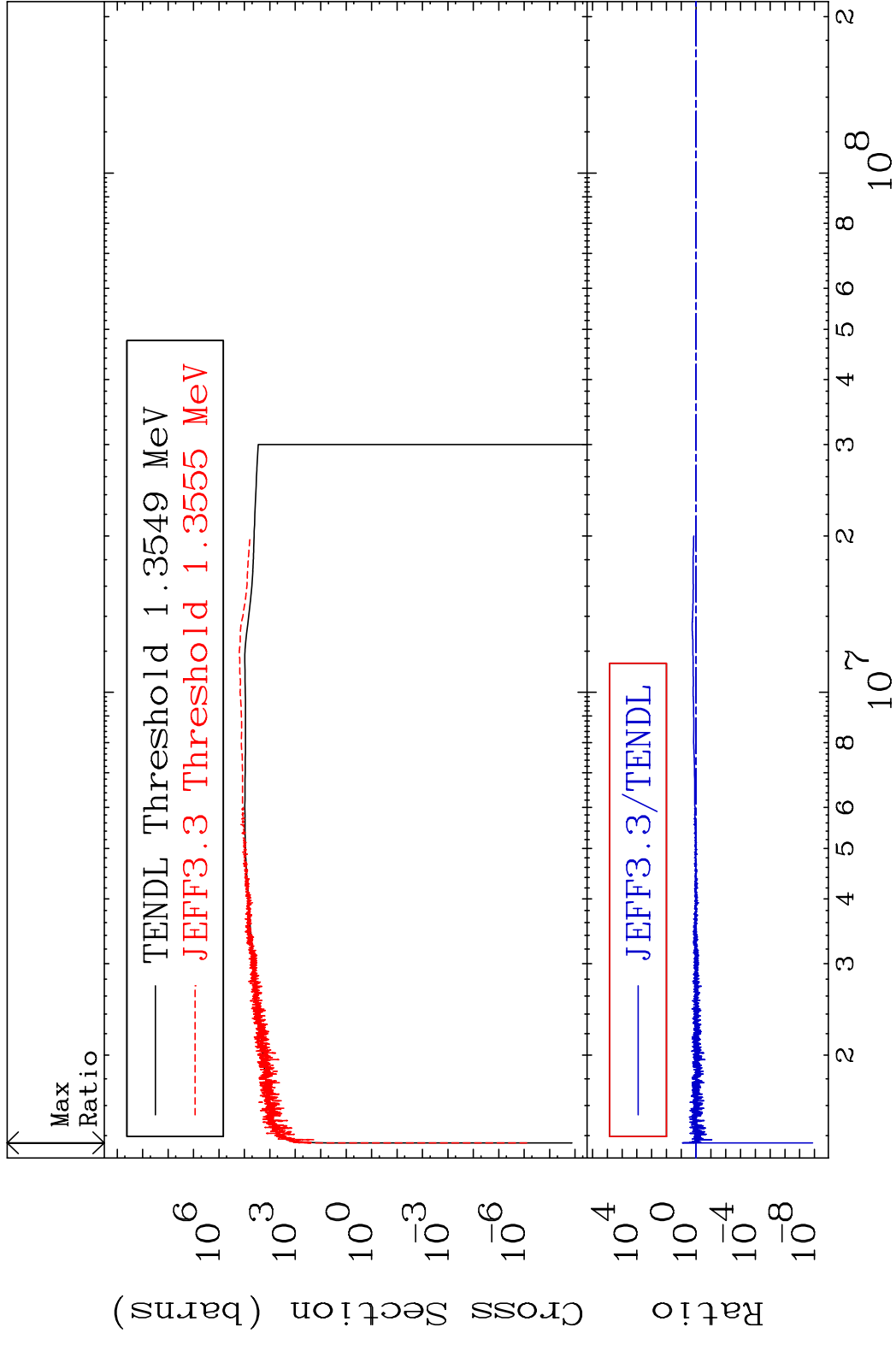


39

Incident Energy (eV)

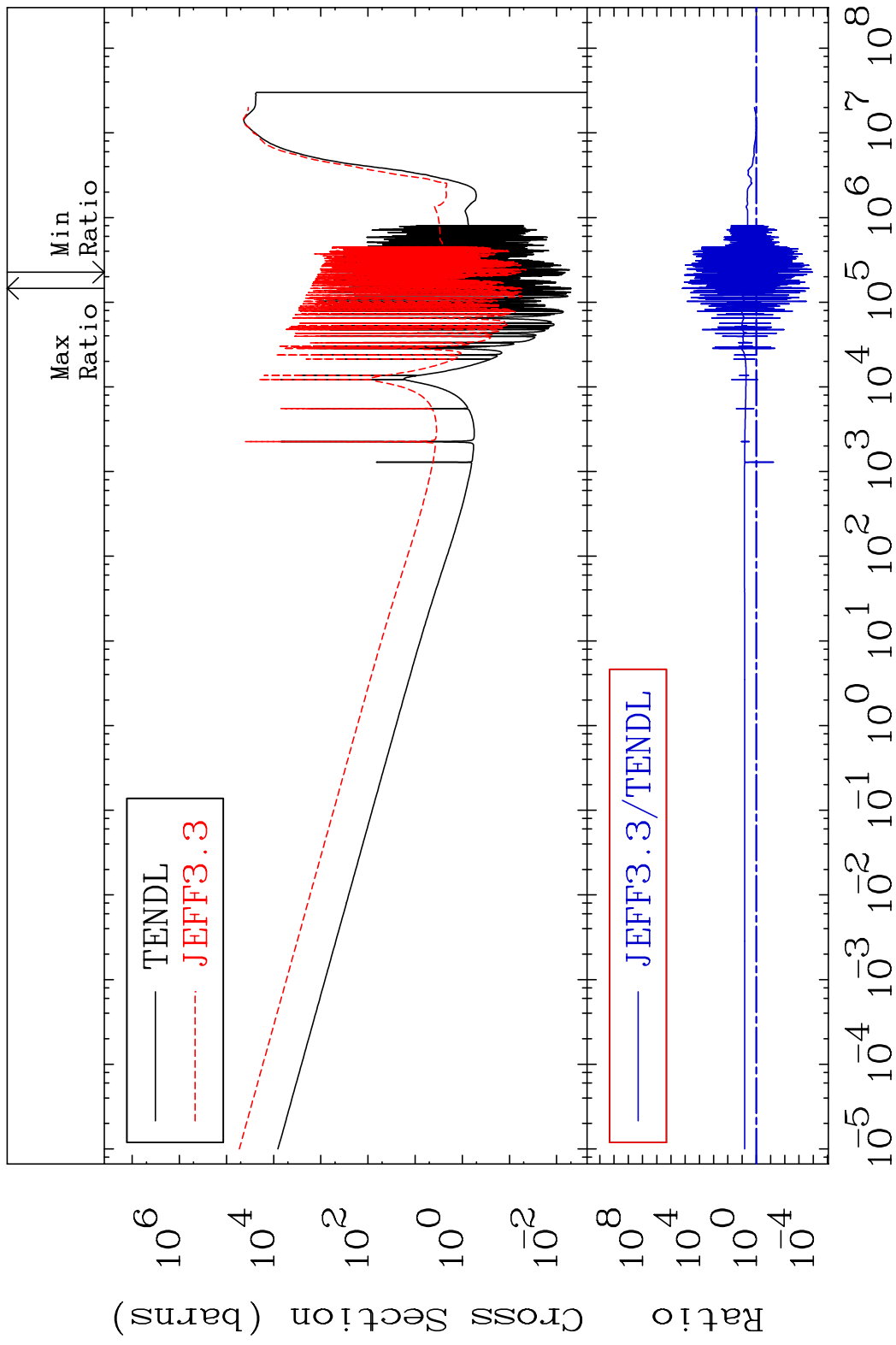
28-Ni-60

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. %



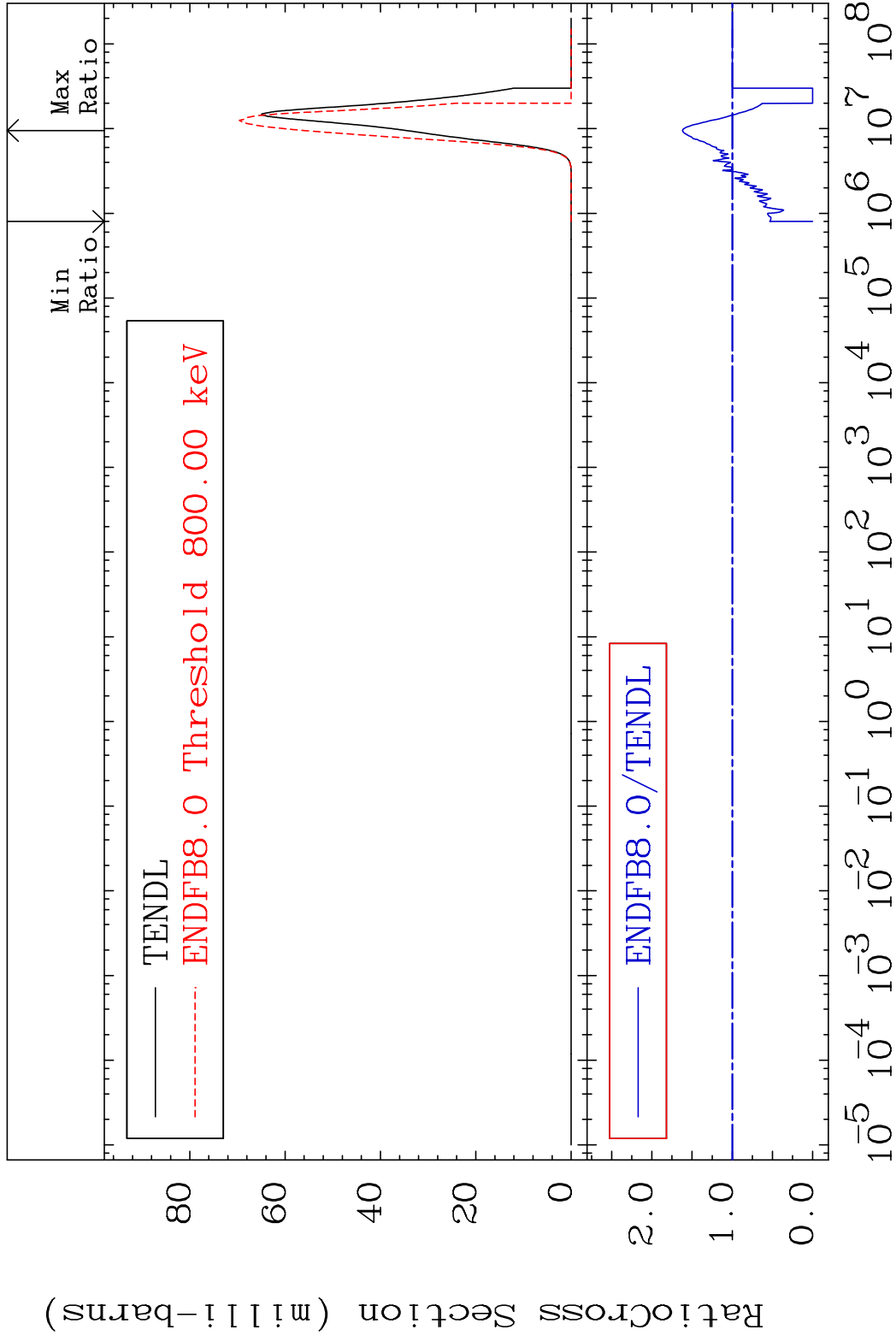
41 Incident Energy (eV) 28-Ni-60

MAT 2831

(n, α)

28-Ni-60

Cross Section -100.0 To 62.10 %

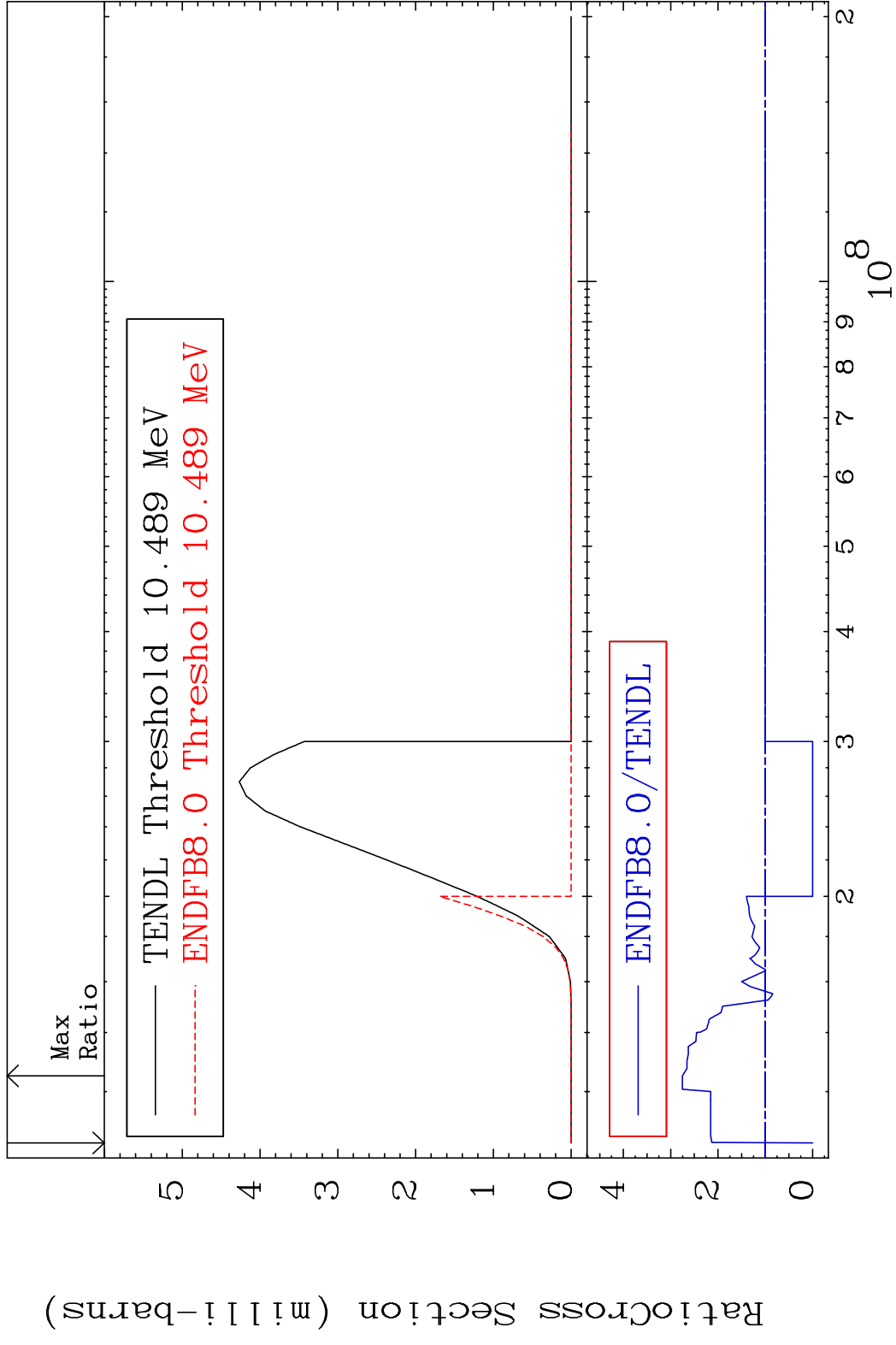


42

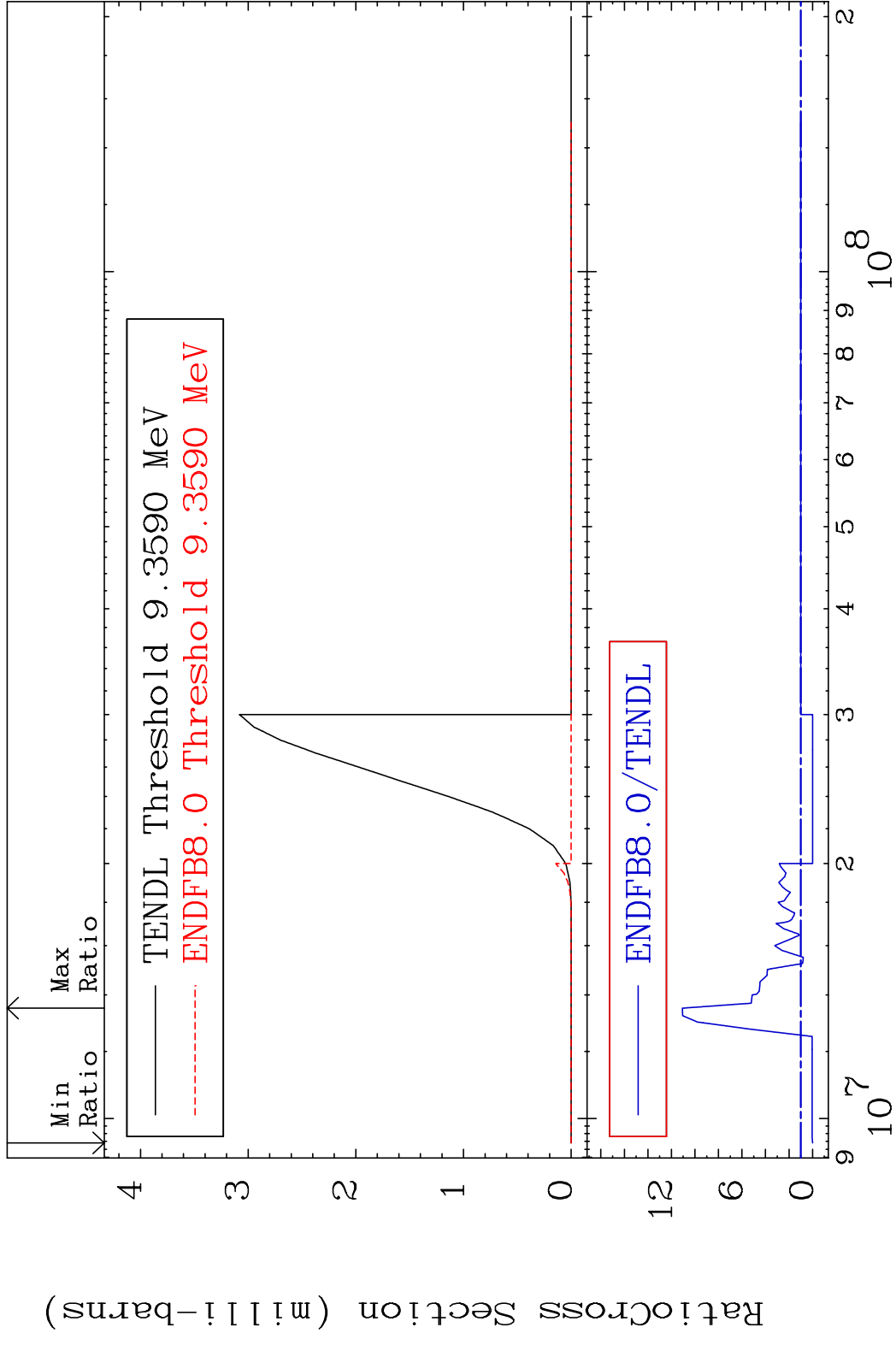
Incident Energy (eV)

28-Ni-60

MAT 2831 (n,2p) 28-Ni-60
 Cross Section -100.0 To 175.3 %

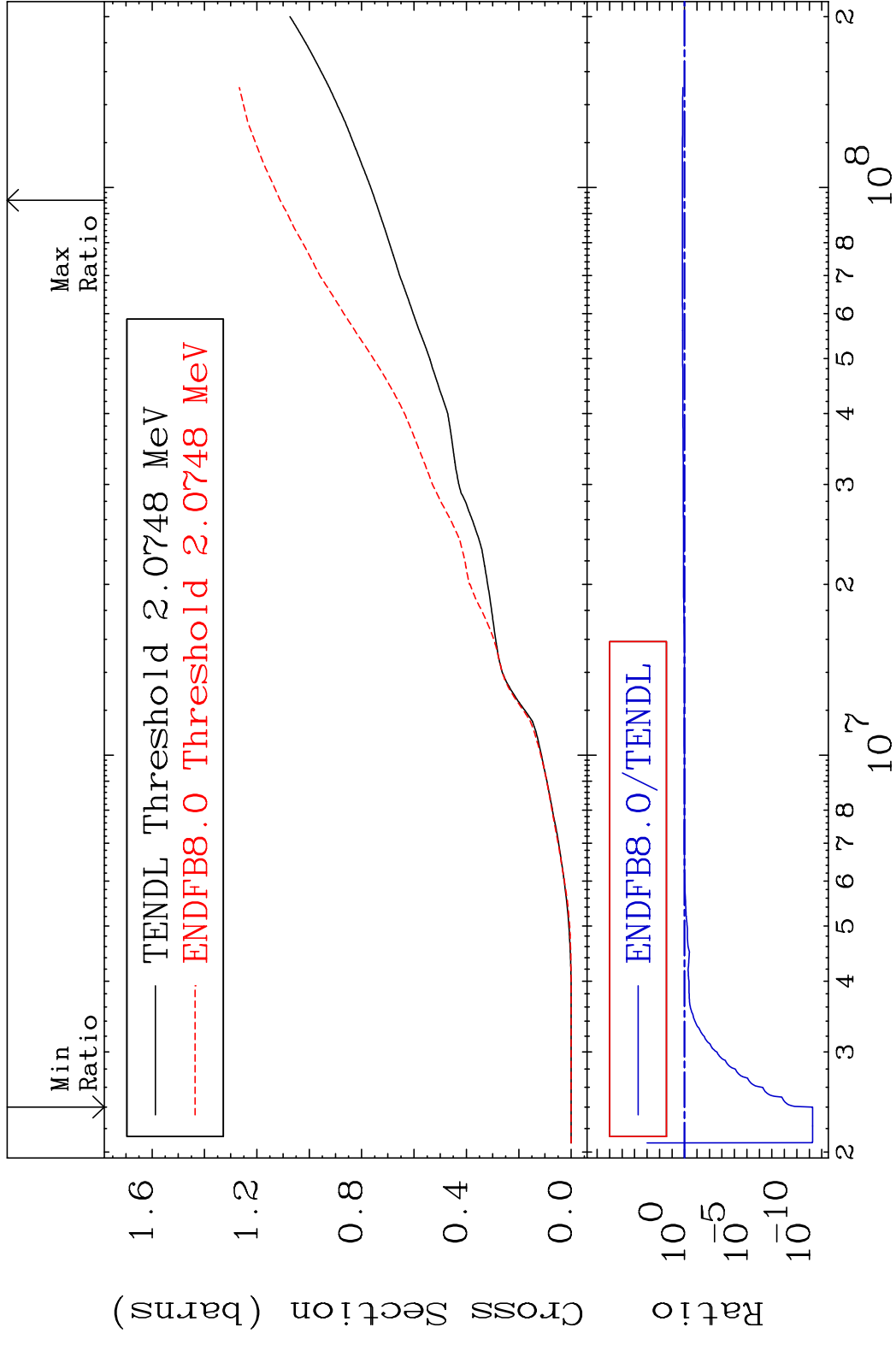


MAT 2831 (n,p) α 28-Ni-60
 Cross Section -100.0 To 1007. %

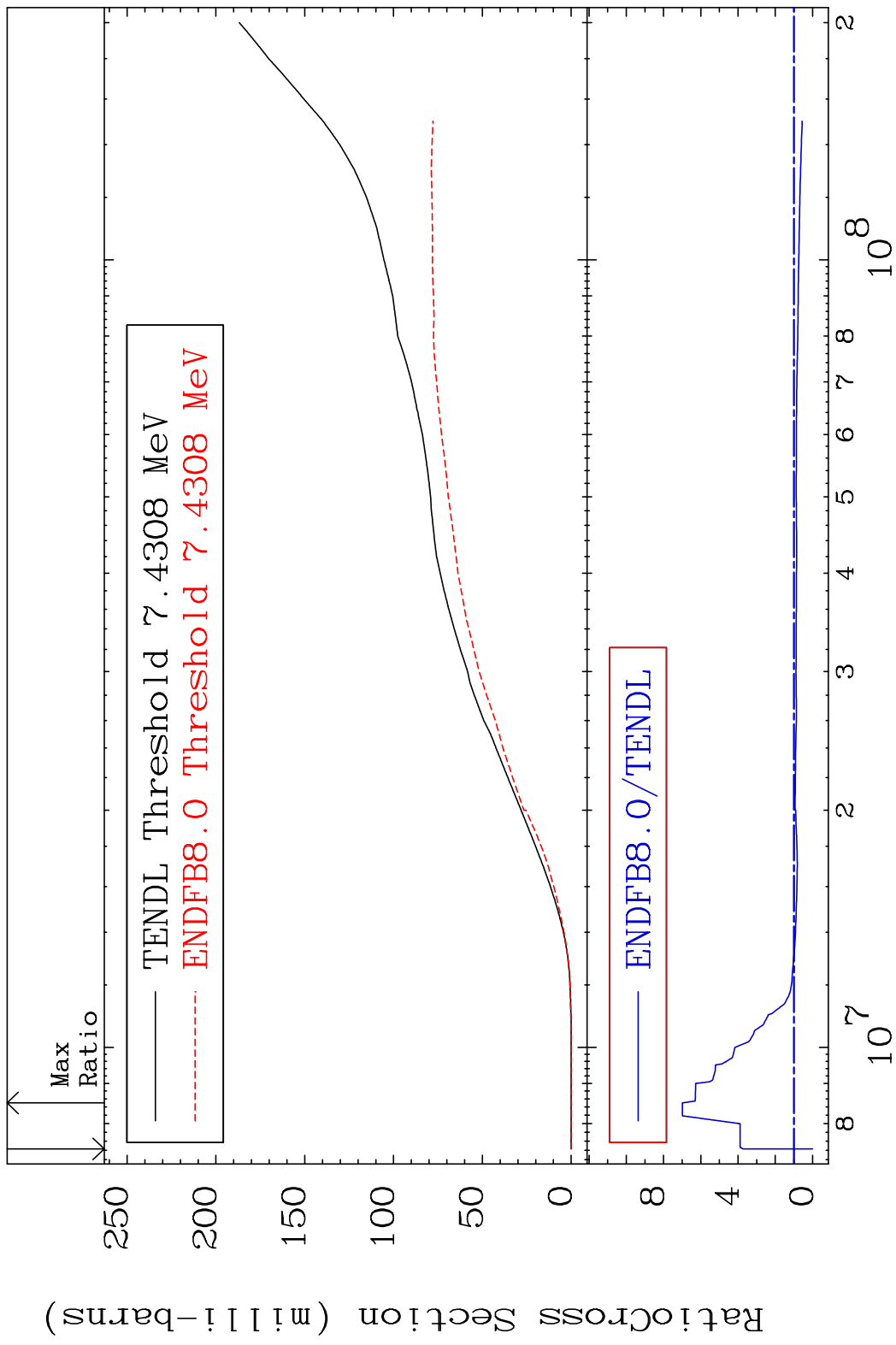


44 Incident Energy (eV) 28-Ni-60

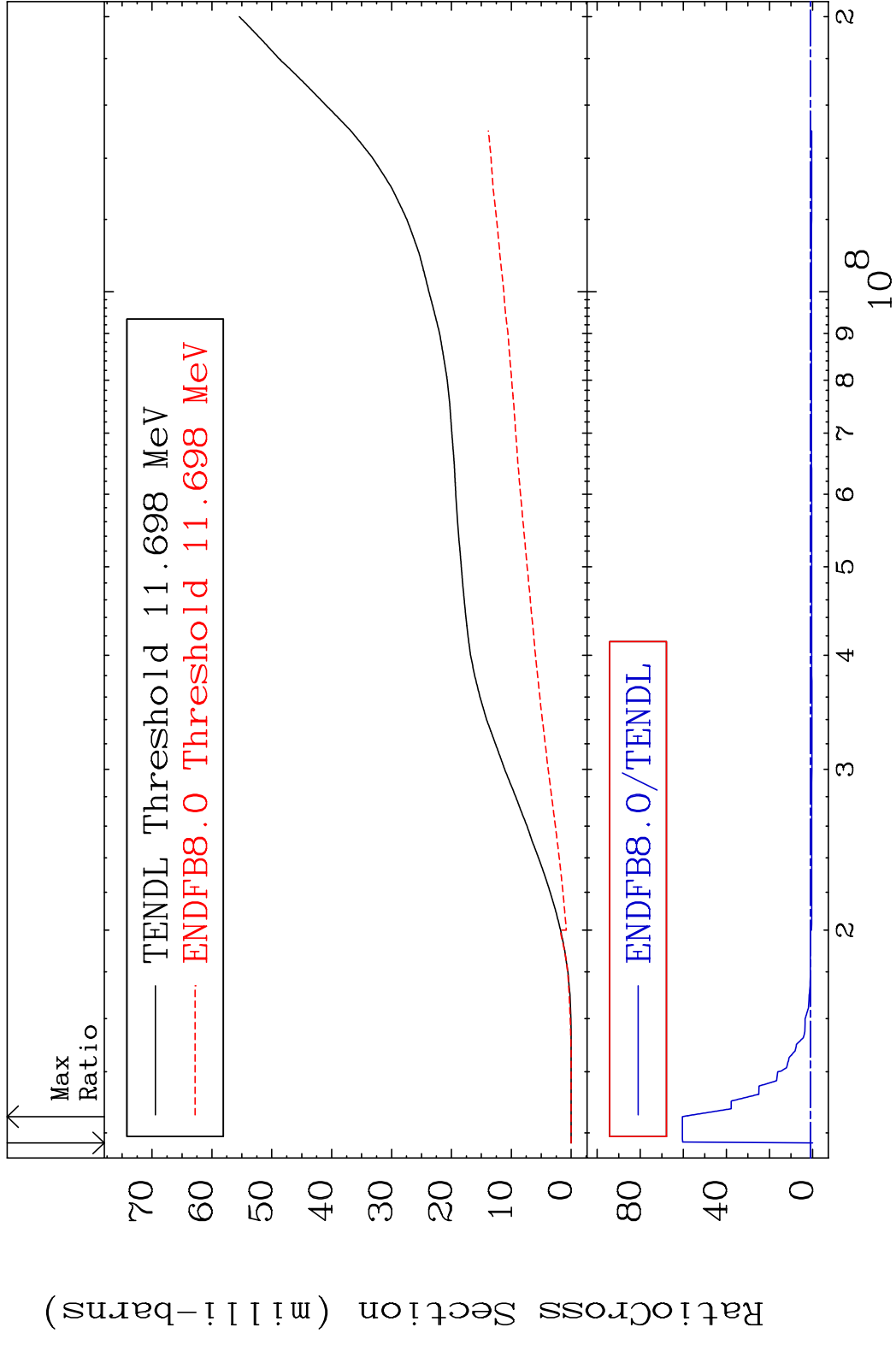
MAT 2831 Hydrogen Production 28-Ni-60
 Cross Section -100.0 To 48.49 %



MAT 2831 Deuterium Production 28-Ni-60
 Cross Section -100.0 To 599.1 %



MAT 2831 Tritium Production 28-Ni-60
 Cross Section -100.0 To 5944. %



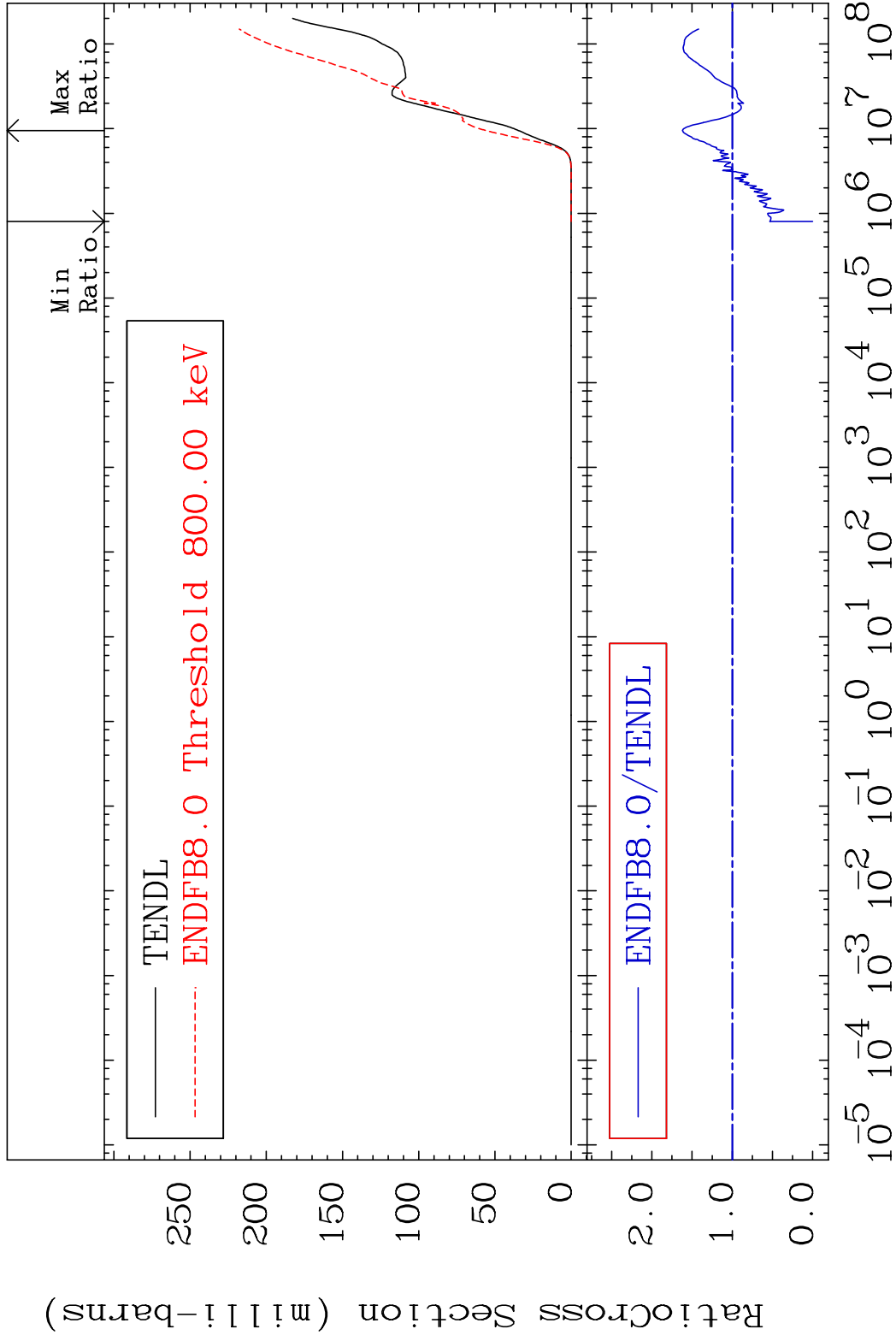
47 Incident Energy (eV) 28-Ni-60

MAT 2831

He-4 Production

28-Ni-60

Cross Section -100.0 To 62.10 %

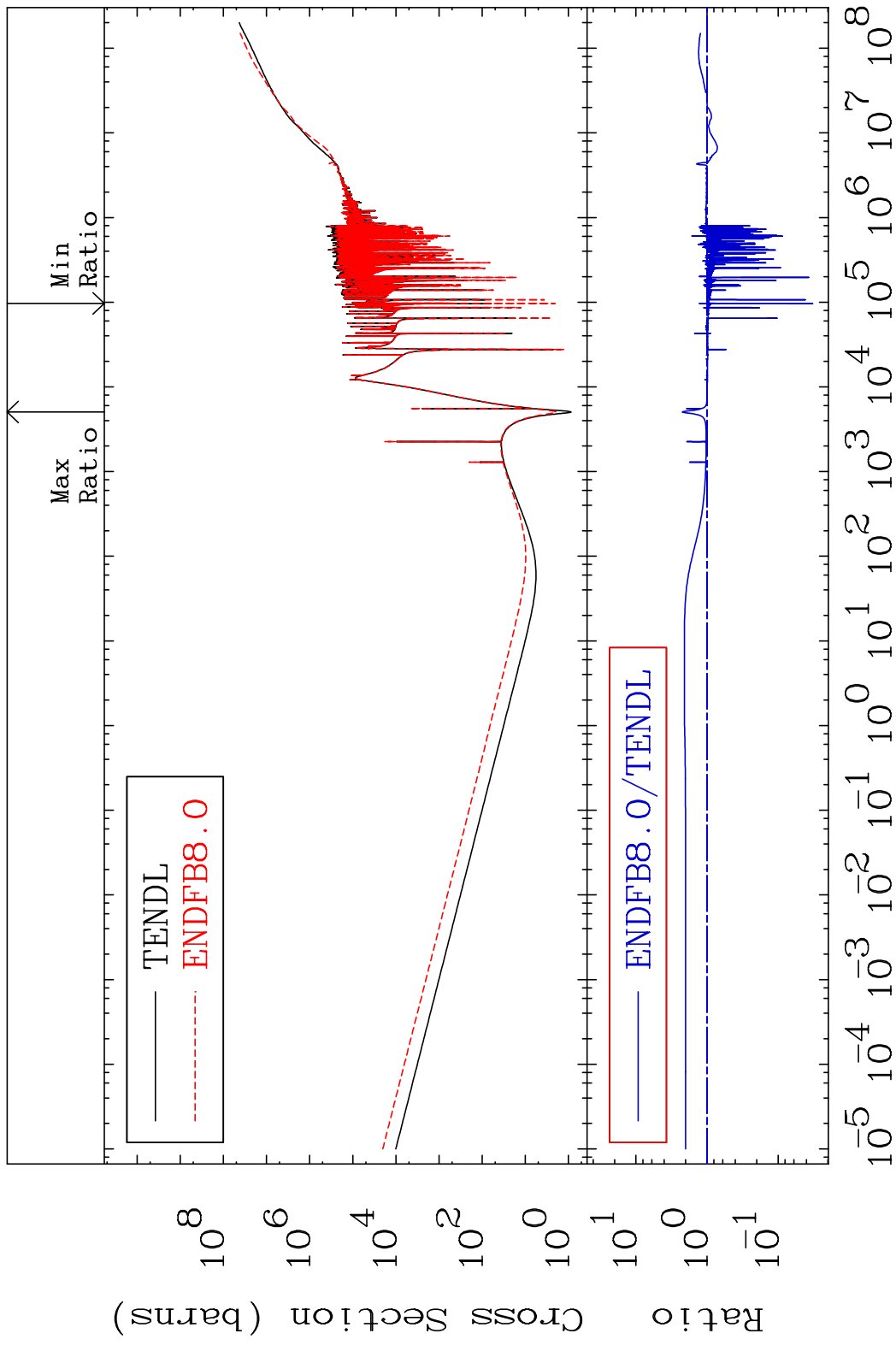


48

Incident Energy (eV)

28-Ni-60

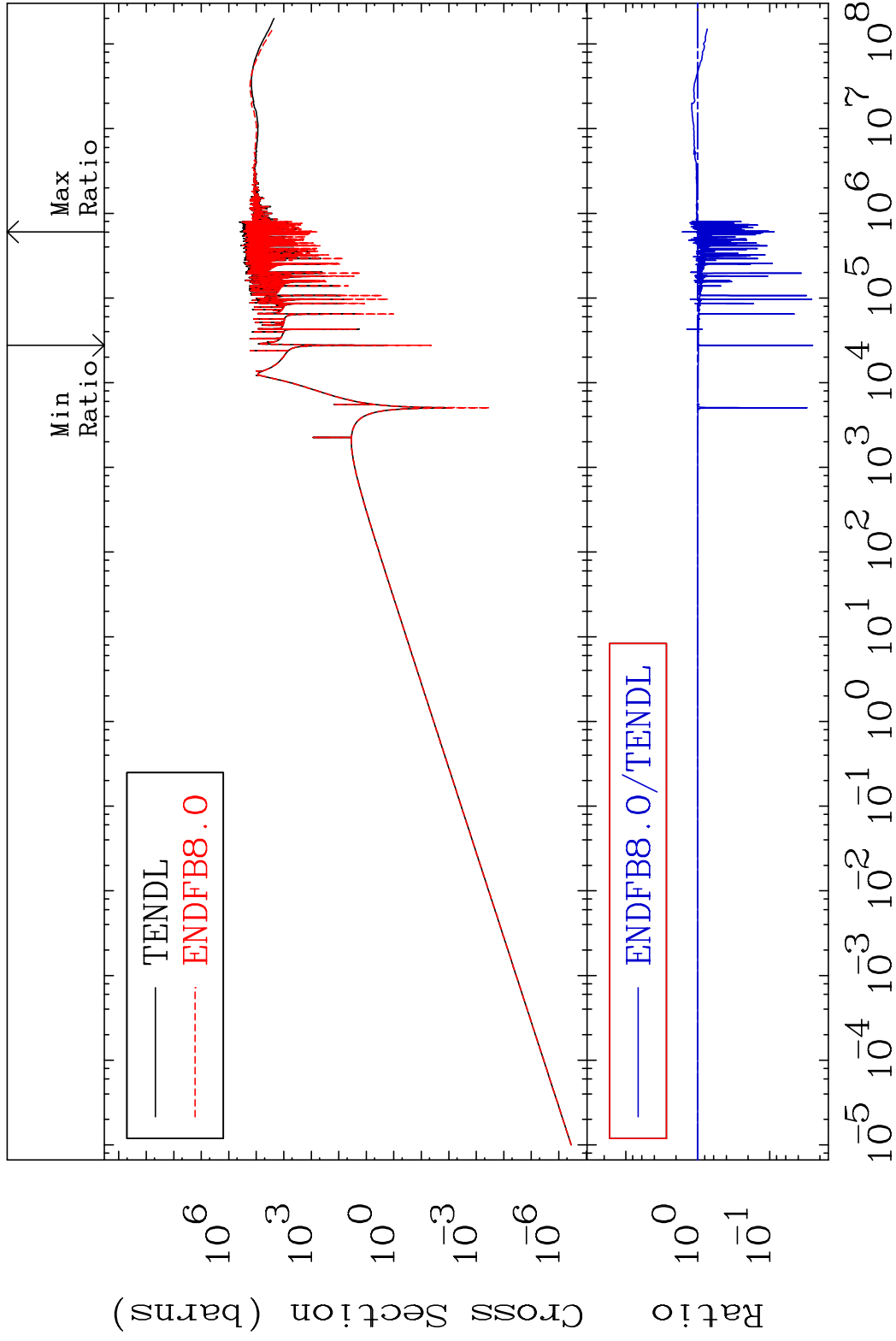
MAT 2831 Kerma total (eV-barns) 28-Ni-60
 Cross Section -96.72 To 122.4 %



MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-97.46 To 63.57 %

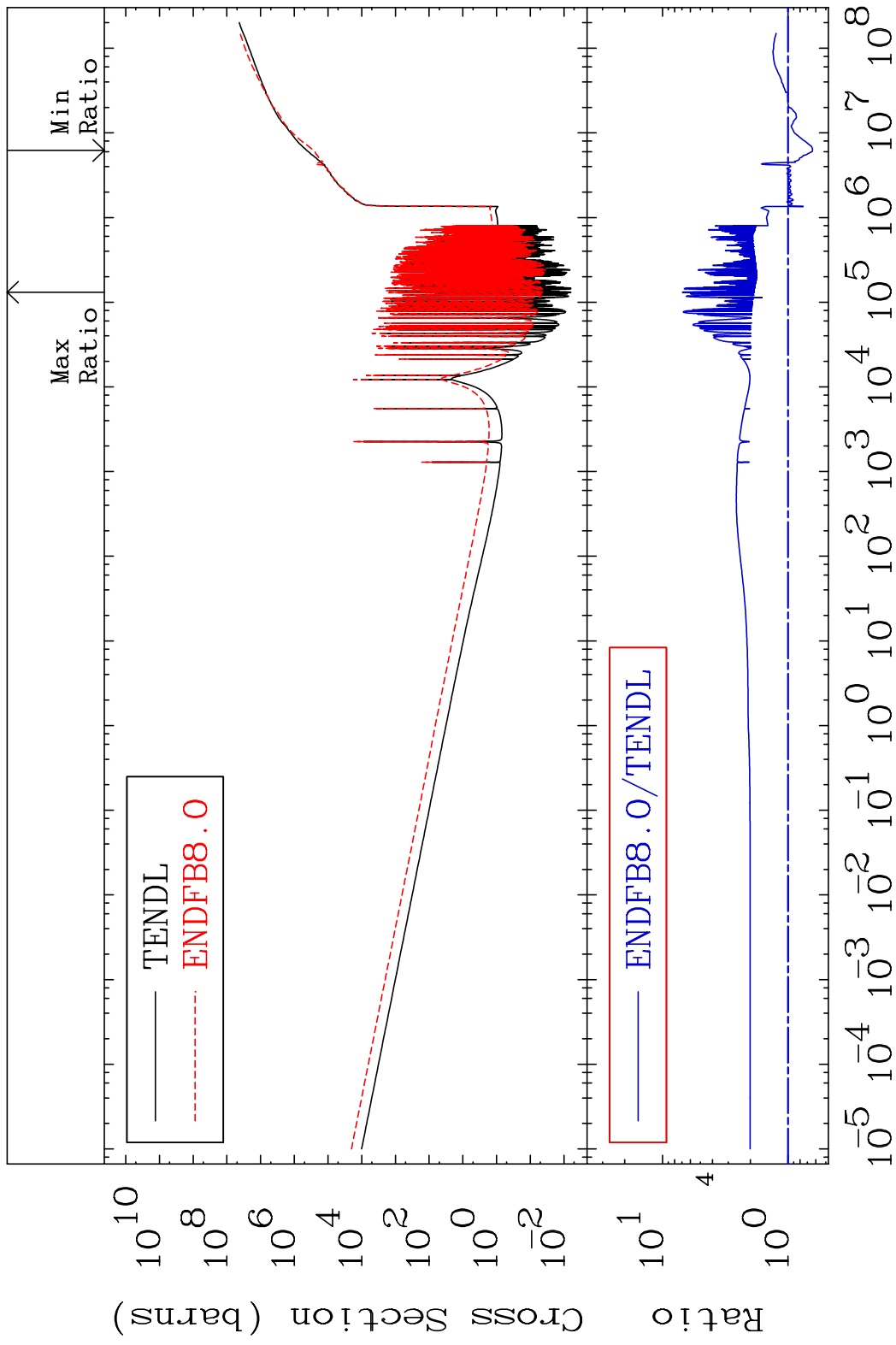


50

Incident Energy (eV)

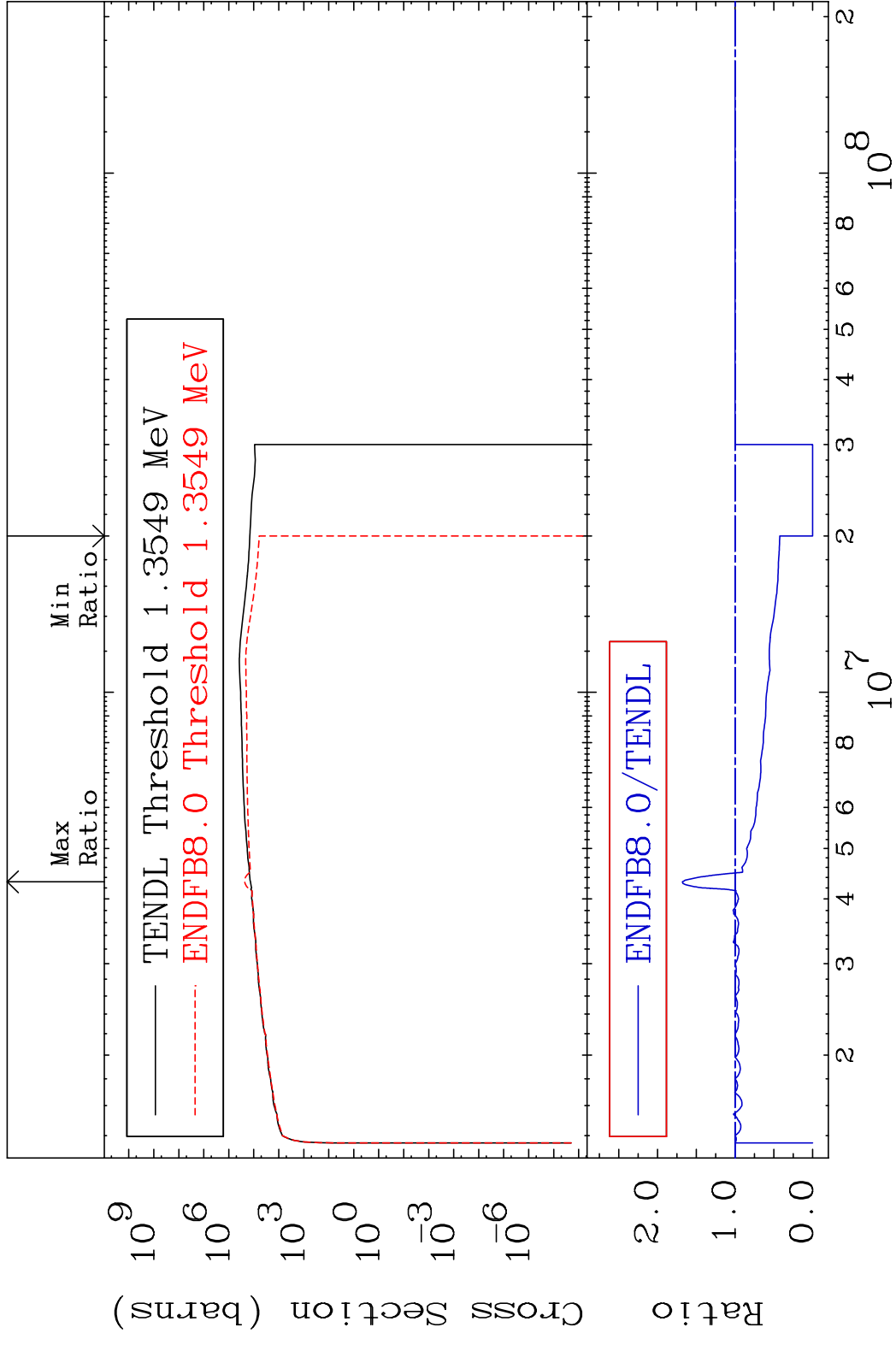
28-Ni-60

MAT 2831 Kerma non-elastic (all but mt2) 28-Ni-60
 Cross Section -36.28 To 595.2 %

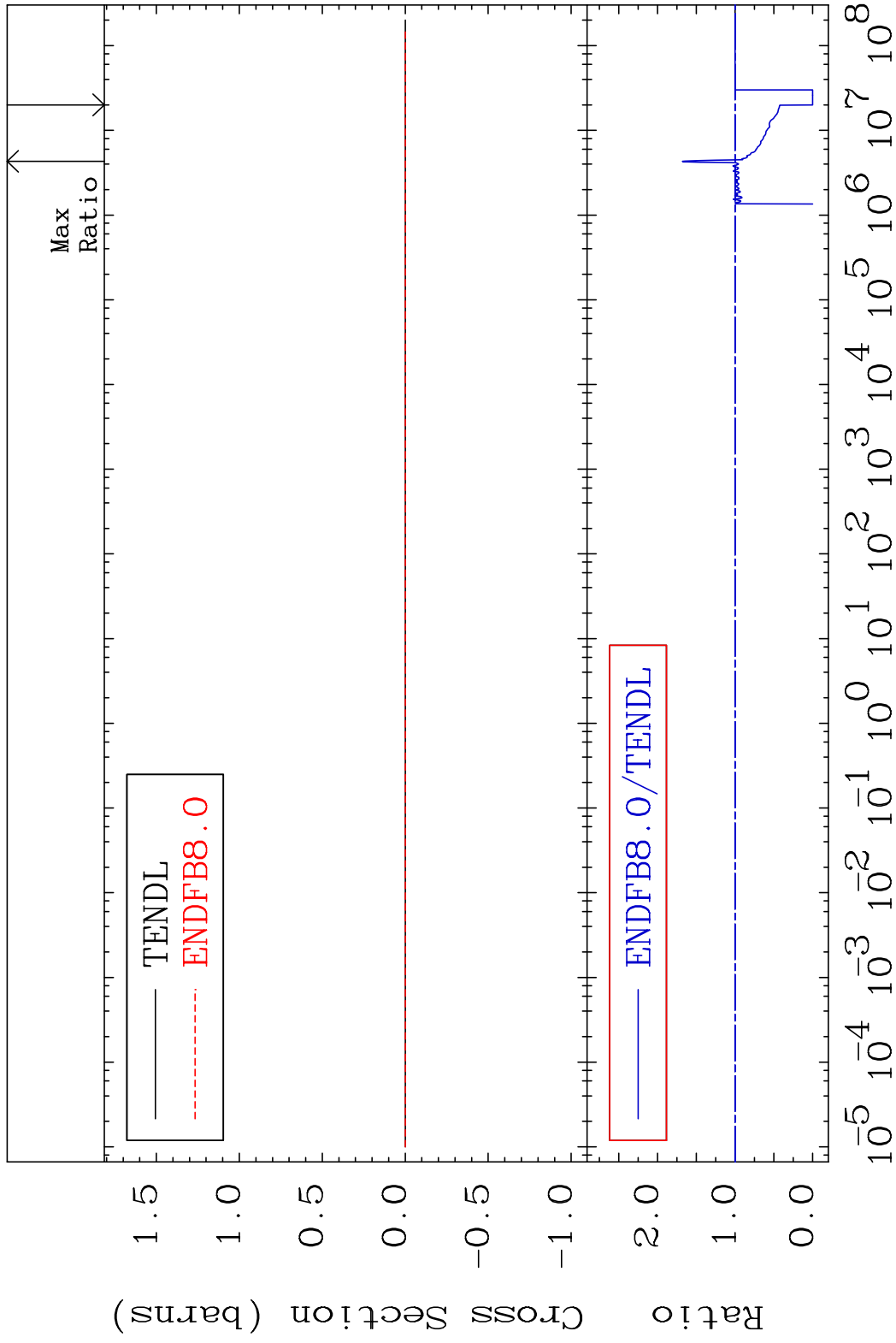


51 Incident Energy (eV) 28-Ni-60

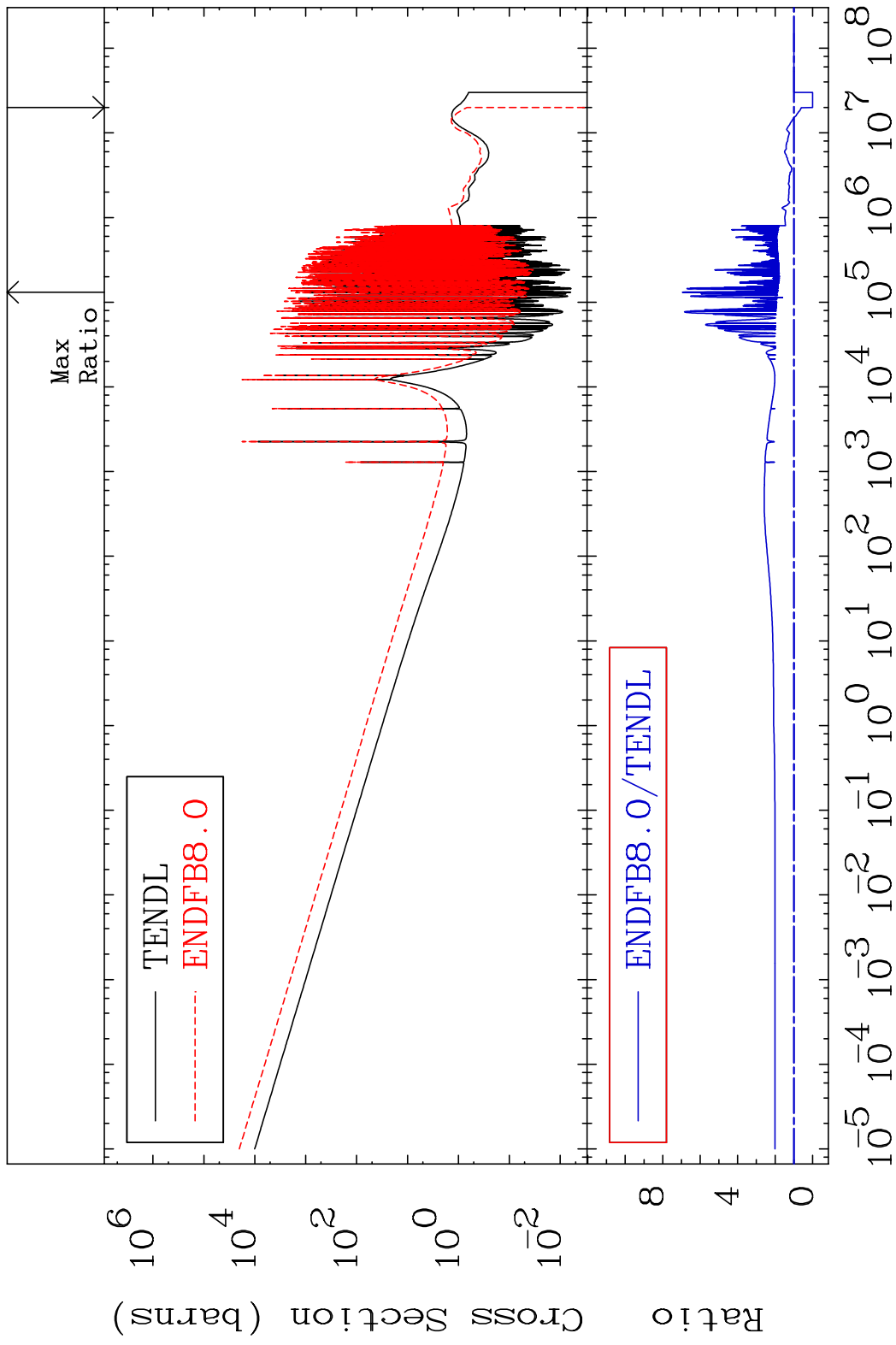
MAT 2831 Kerma inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 67.87 %



MAT 2831 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-60
 Cross Section -100.0 To 67.87 %

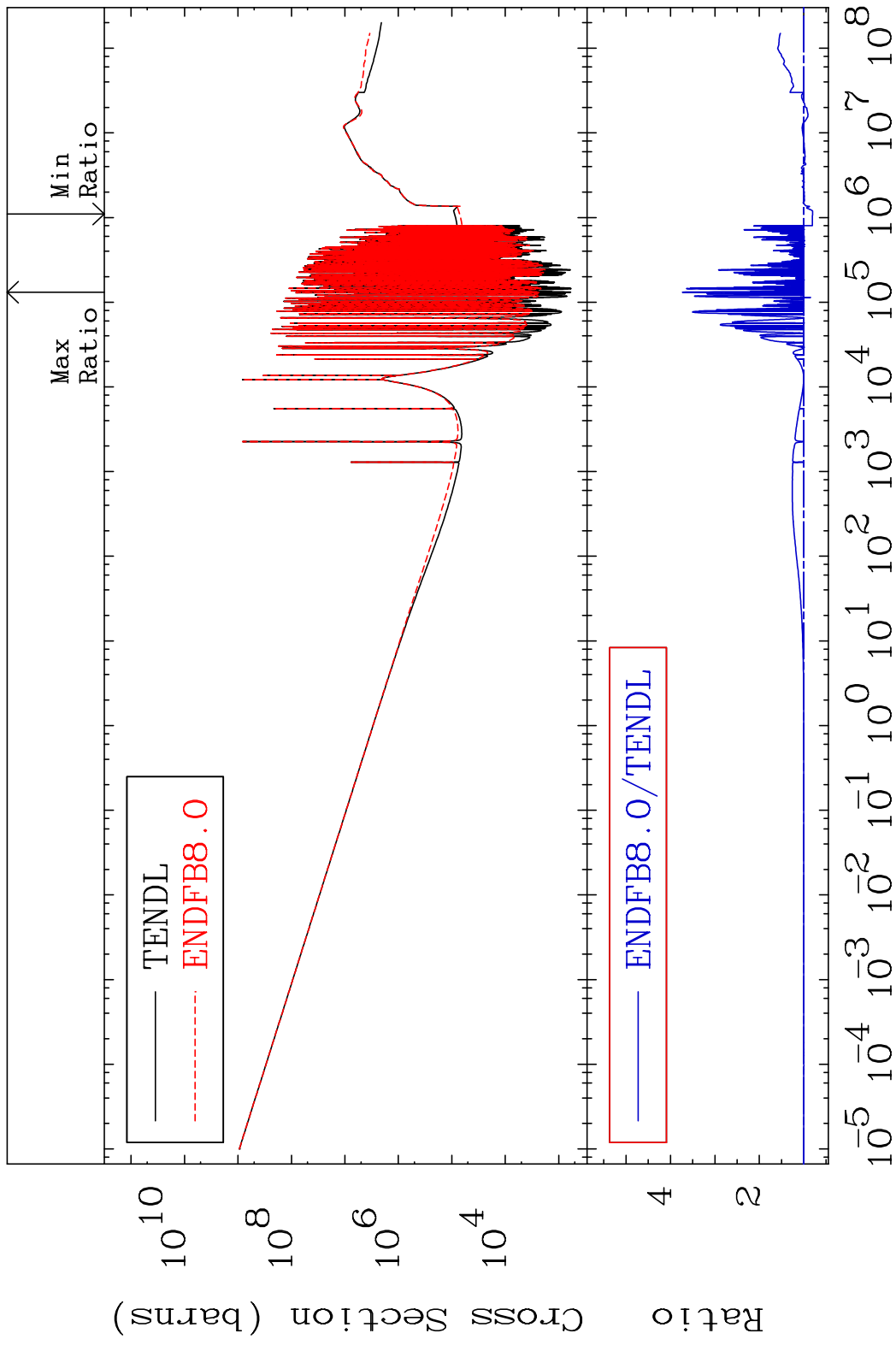


MAT 2831 Kerma capture (mt102) 28-Ni-60
 Cross Section -100.0 To 595.2 %



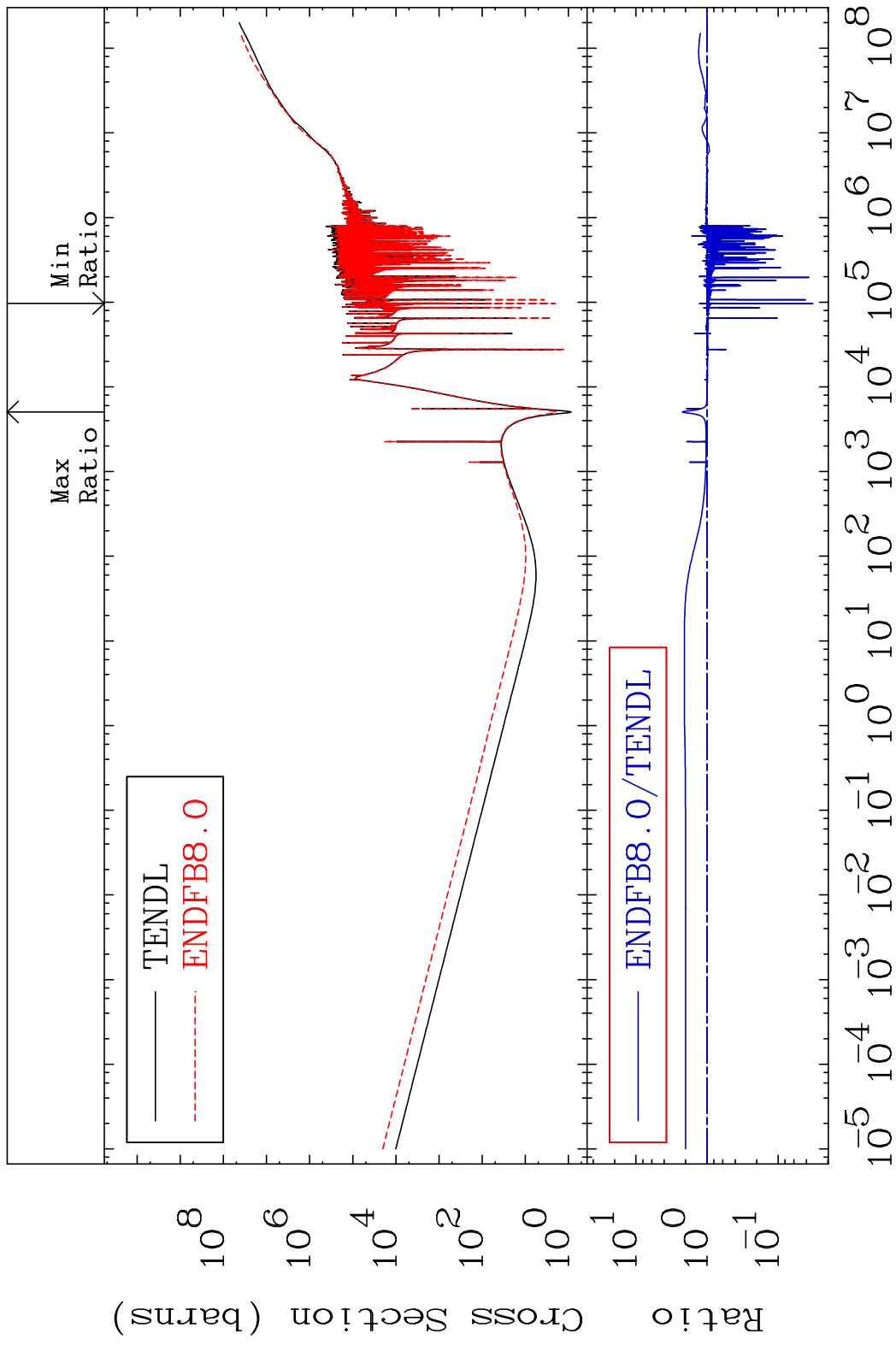
54 Incident Energy (eV) 28-Ni-60

MAT 2831 Total photon (eV-barns) 28-Ni-60
Cross Section -19.68 To 273.2 %

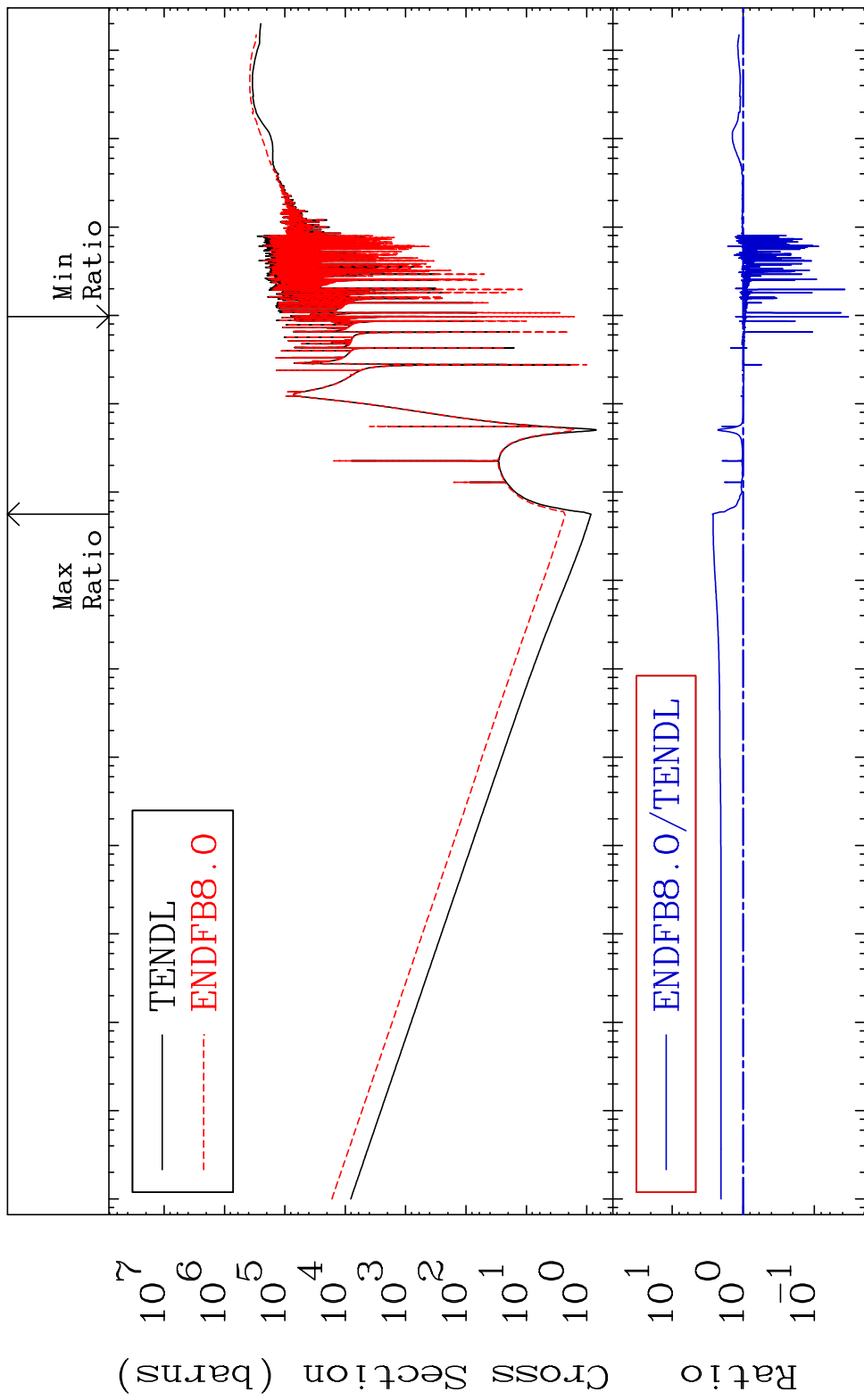


55 Incident Energy (eV) 28-Ni-60

MAT 2831 Total kinematic kerma (high limit) 28-Ni-60
 Cross Section -96.72 To 122.4 %



MAT 2831 Dpa total (eV-barns) 28-Ni-60
 Cross Section -96.68 To 171.6 %

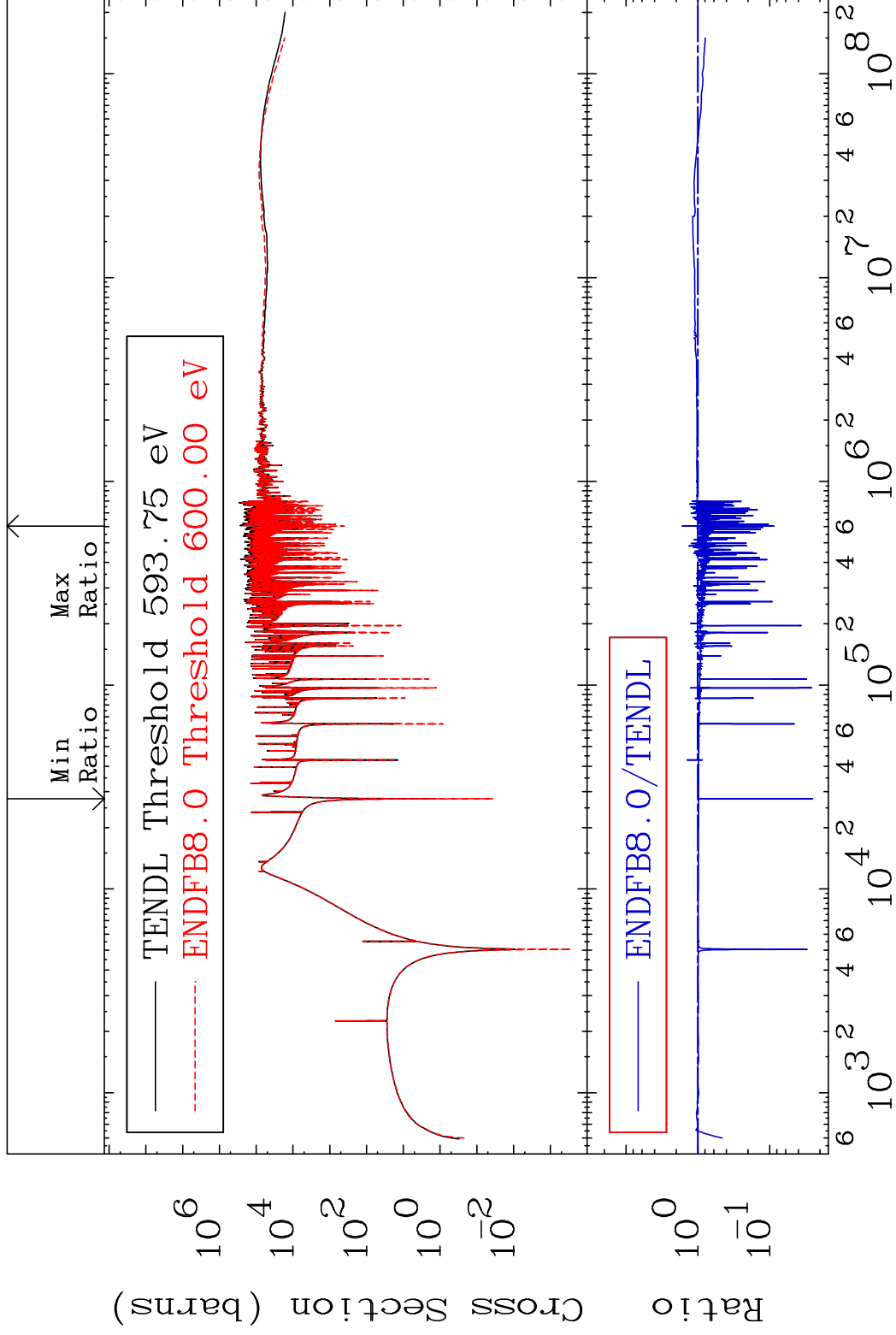


MAT 2831

Dpa elastic (mt2)

28-Ni-60

Cross Section -97.46 To 64.71 %

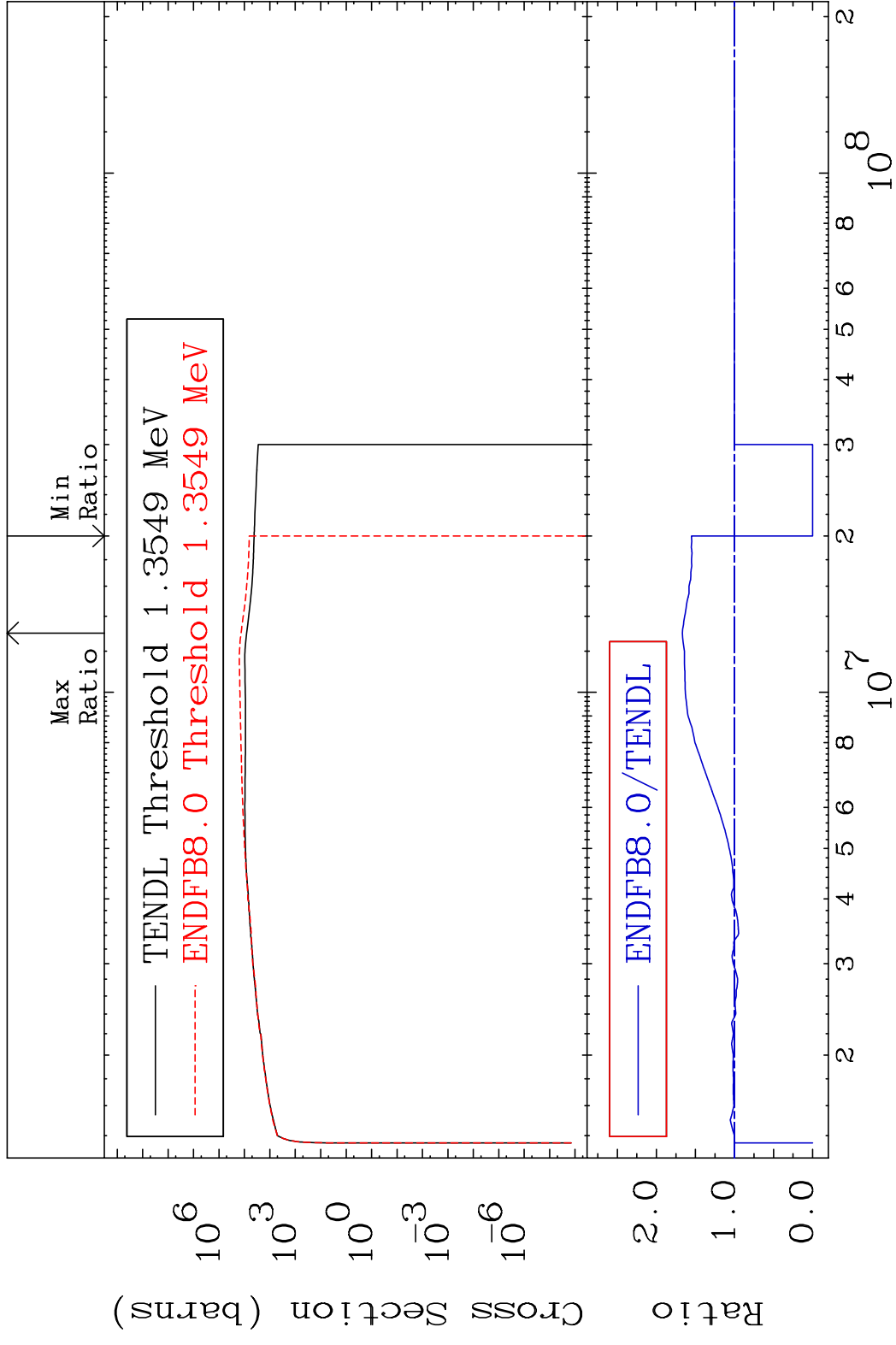


58

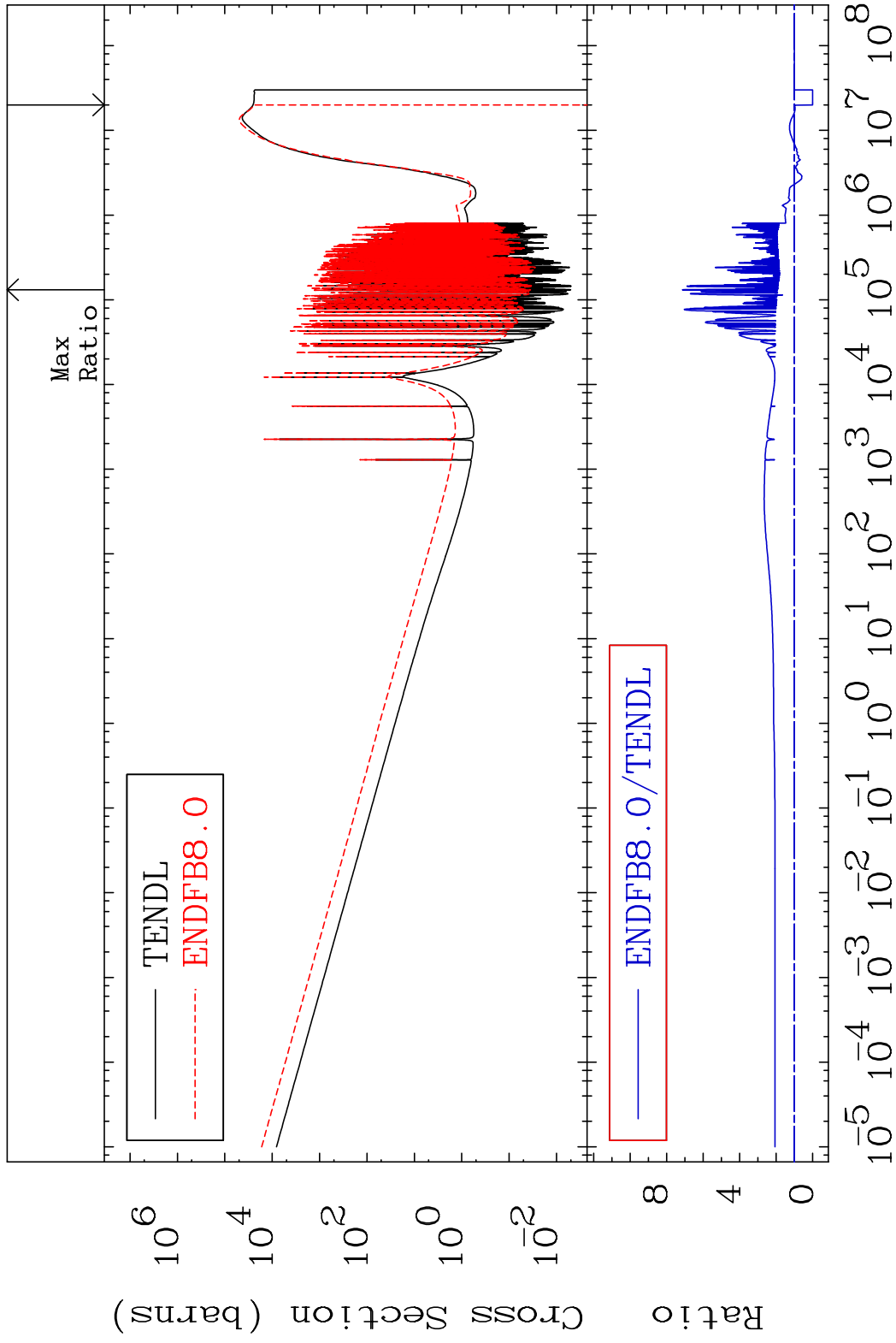
Incident Energy (eV)

28-Ni-60

MAT 2831 Dpa inelastic (mt51-91) 28-Ni-60
 Cross Section -100.0 To 66.76 %



MAT 2831 Dpa disappearance (mt102 -120) 28-Ni-60
 Cross Section -100.0 To 613.6 %



60 Incident Energy (eV) 28-Ni-60