

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

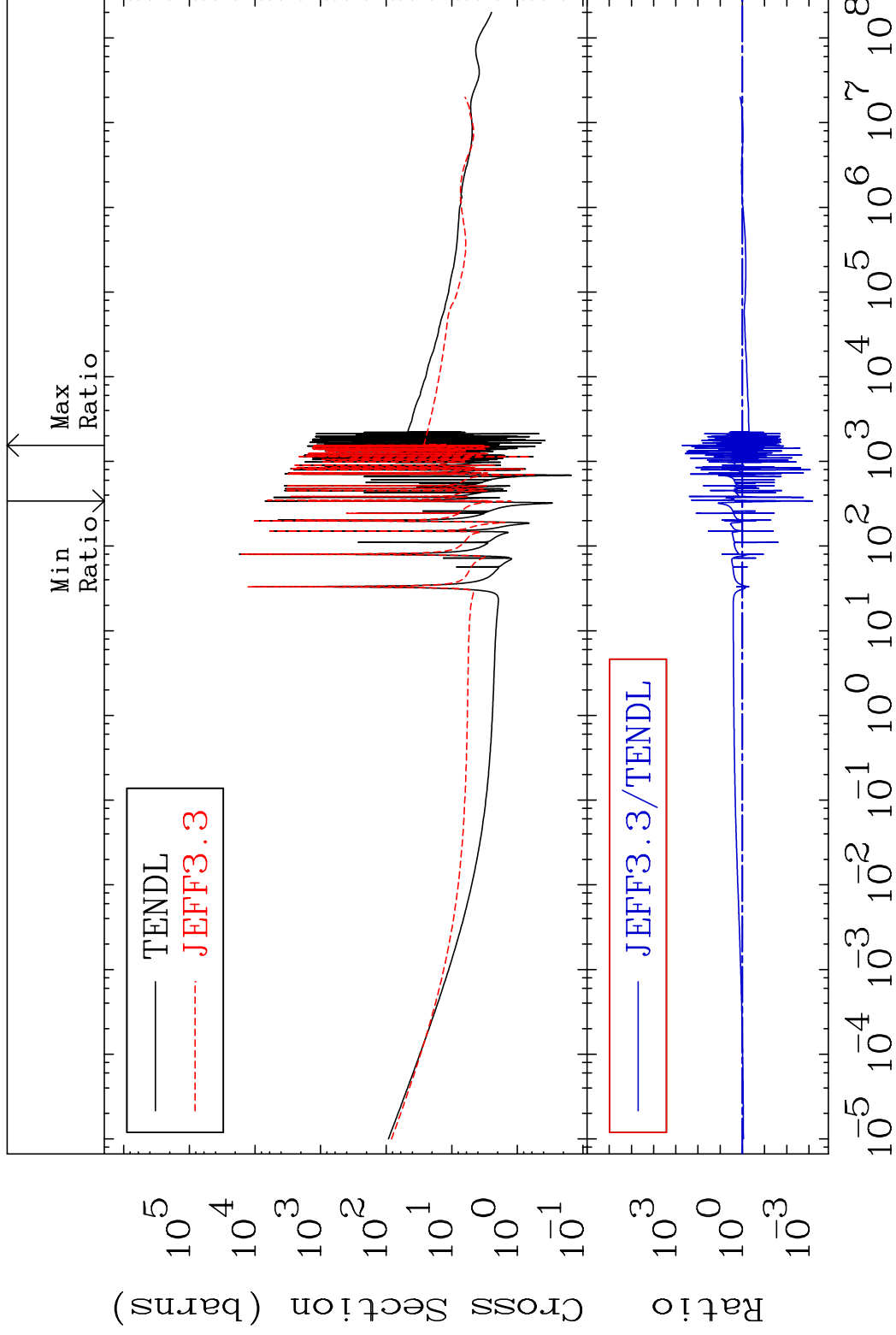
MAT 6437

Total

64-Gd-156

Cross Section

-99.93 To 9999. %



1

Incident Energy (eV)

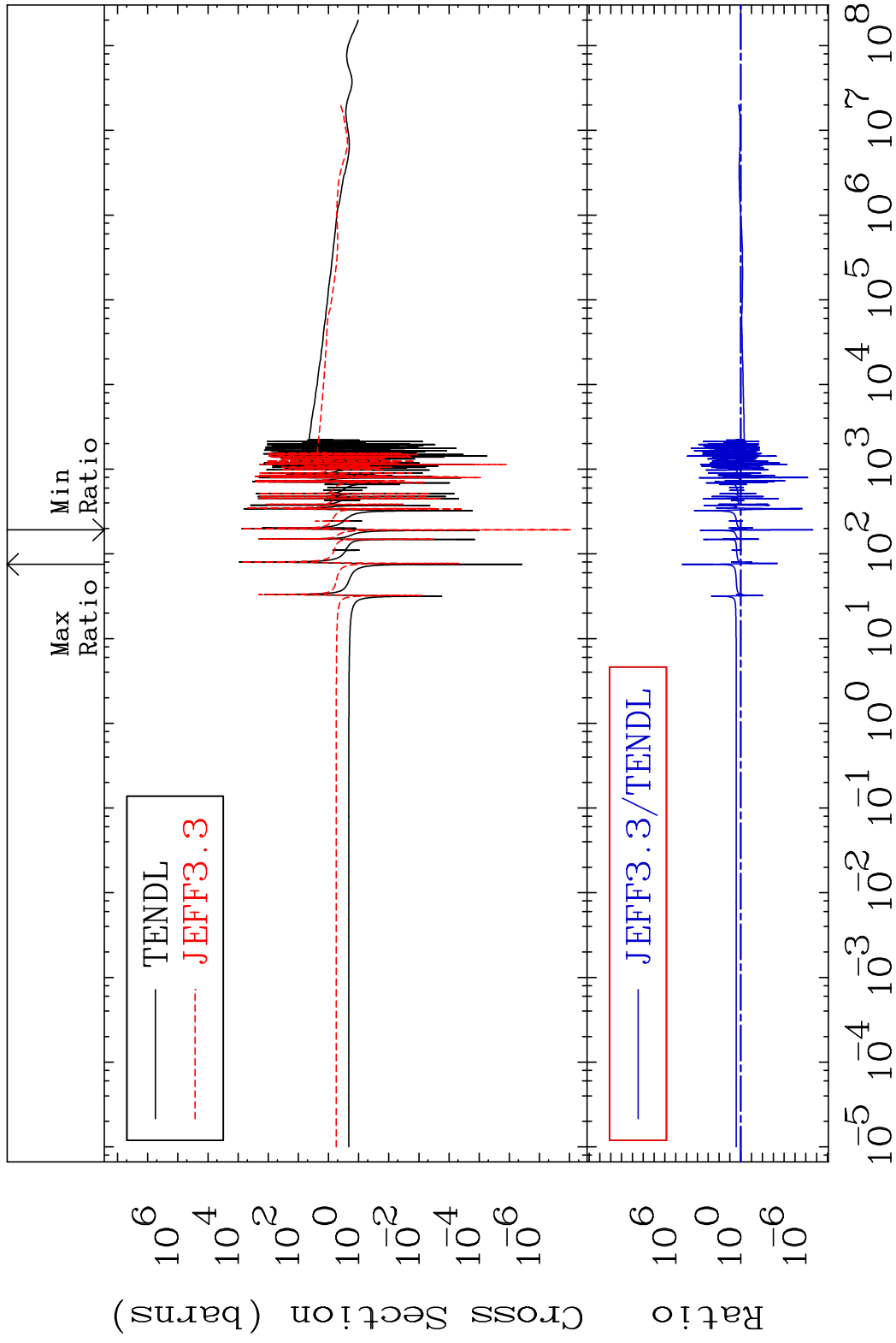
64-Gd-156

MAT 6437

Elastic

64-Gd-156

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

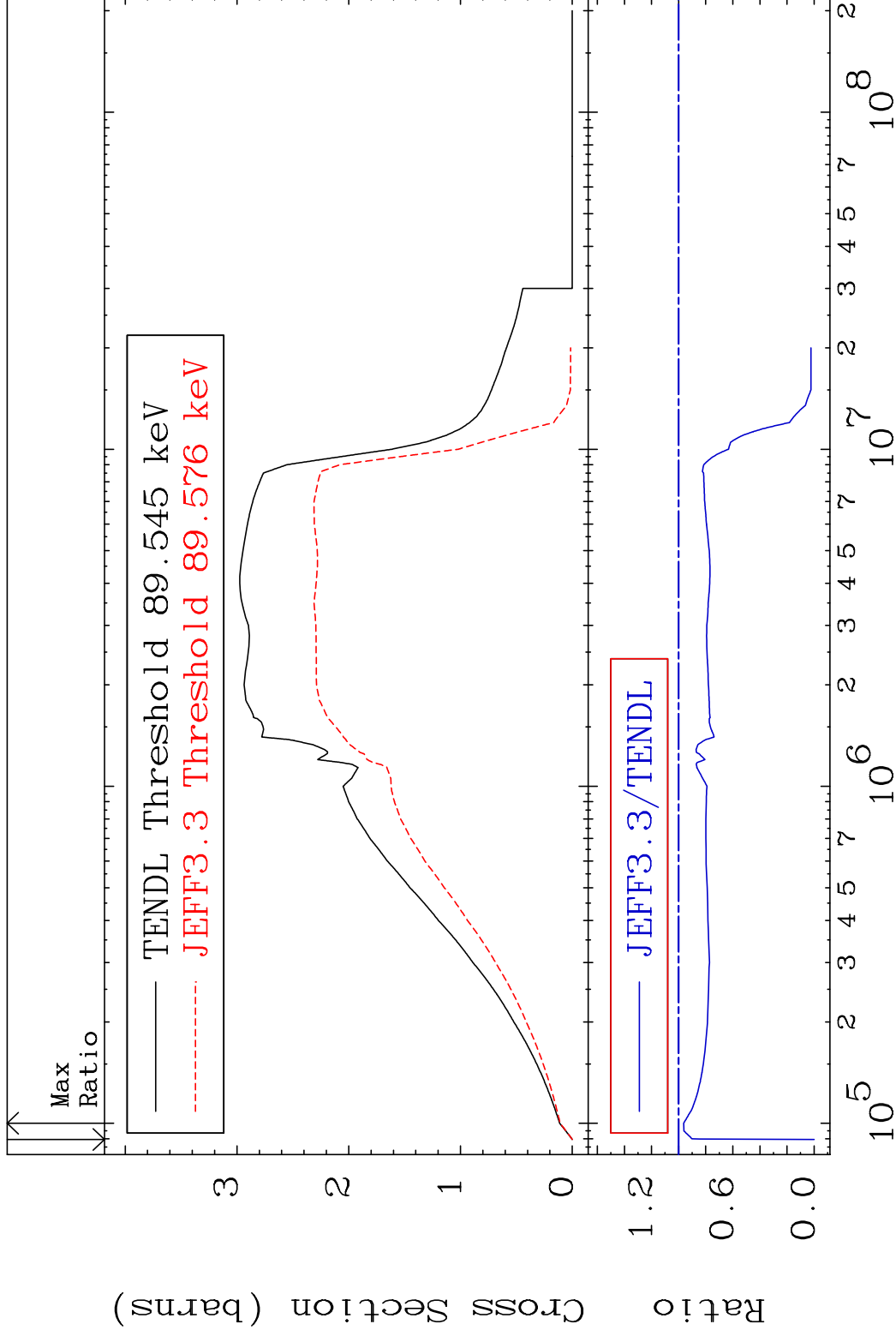
64-Gd-156

MAT 6437

Inelastic

64-Gd-156

Cross Section -100.0 To -3.723%



3

Incident Energy (eV)

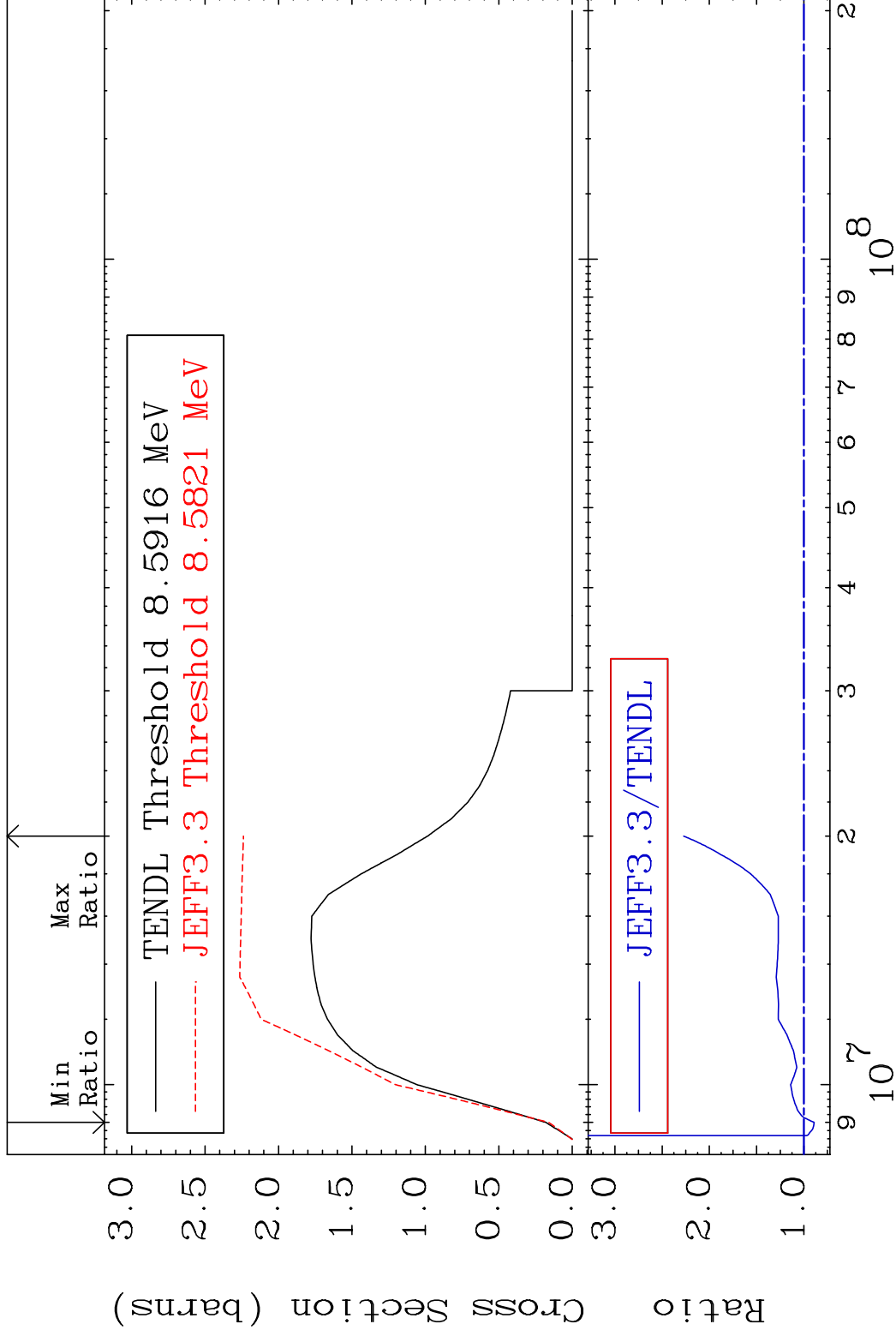
64-Gd-156

MAT 6437

(n,2n)

64-Gd-156

Cross Section -10.84 To 127.2 %

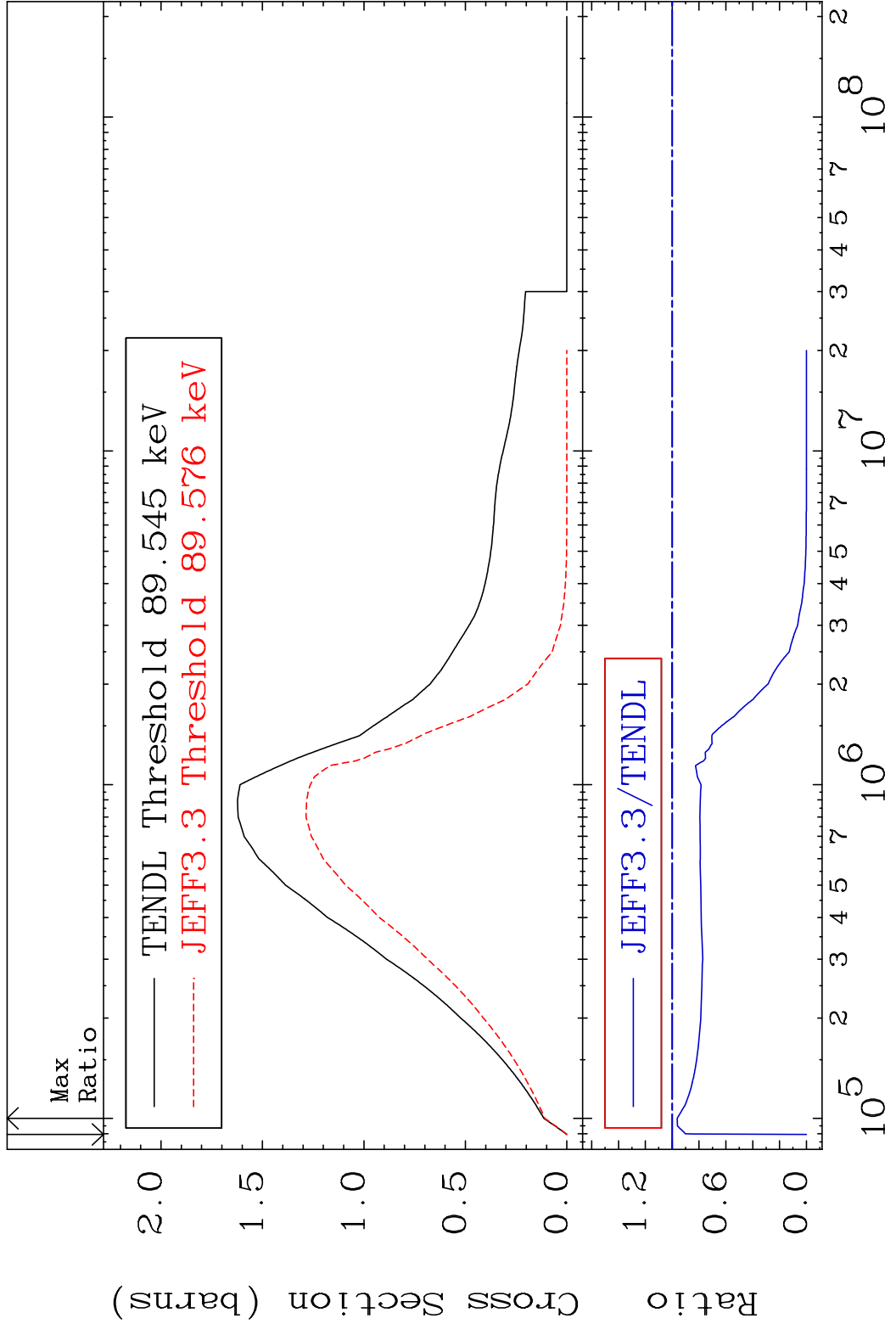


4

Incident Energy (eV)

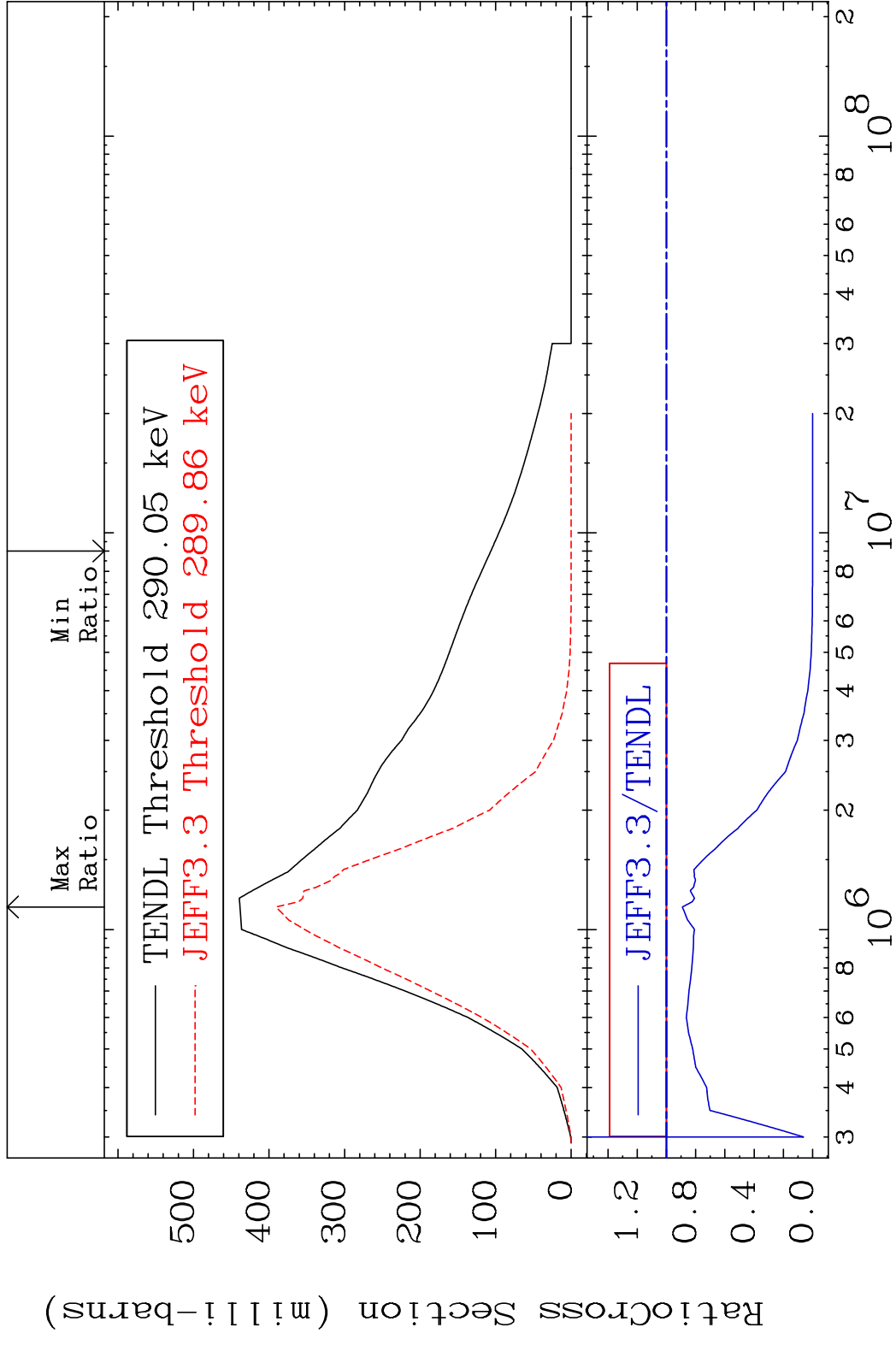
64-Gd-156

MAT 6437 MT= 51 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -3.723%

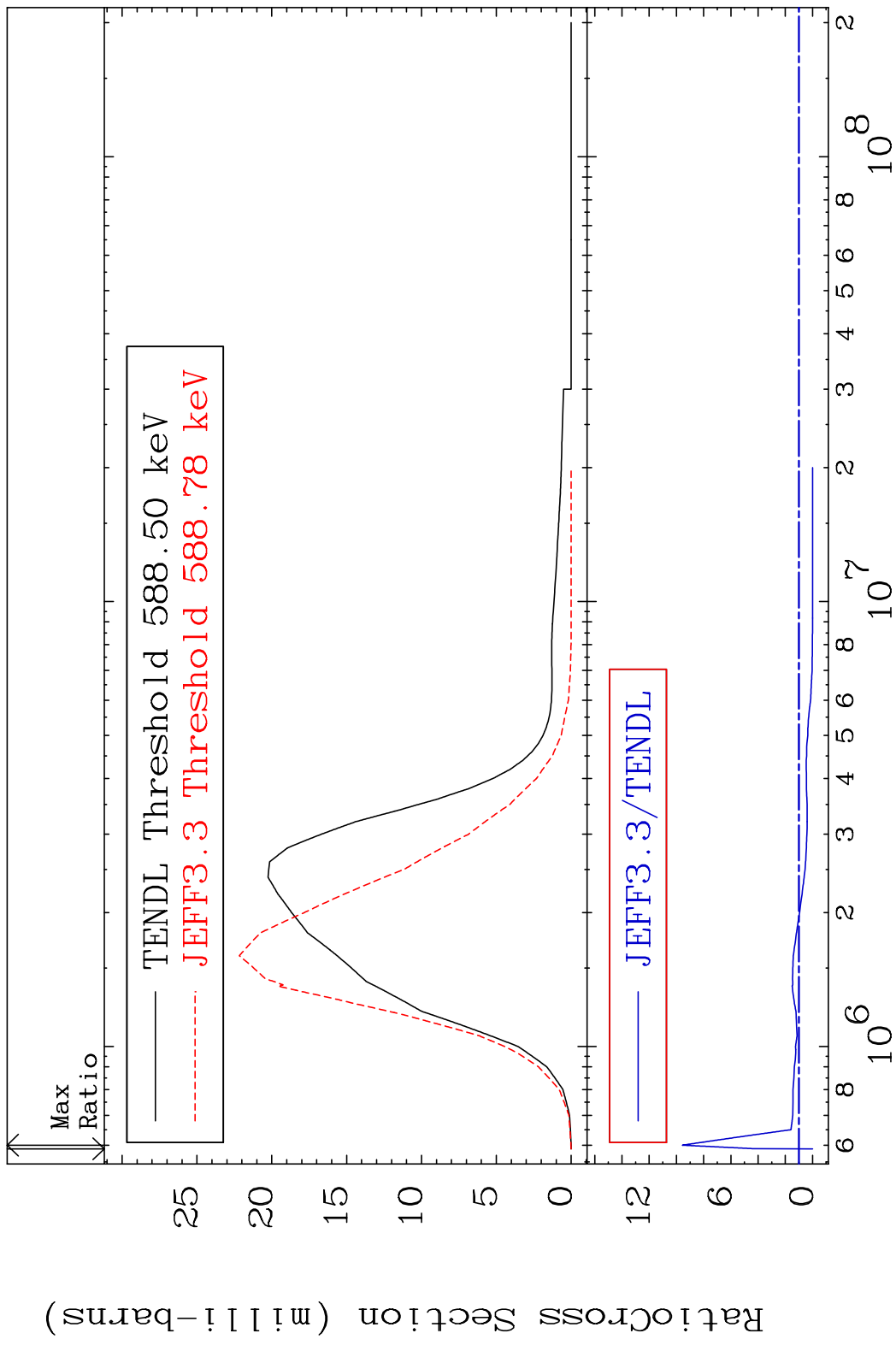


5 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 52 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -10.86%

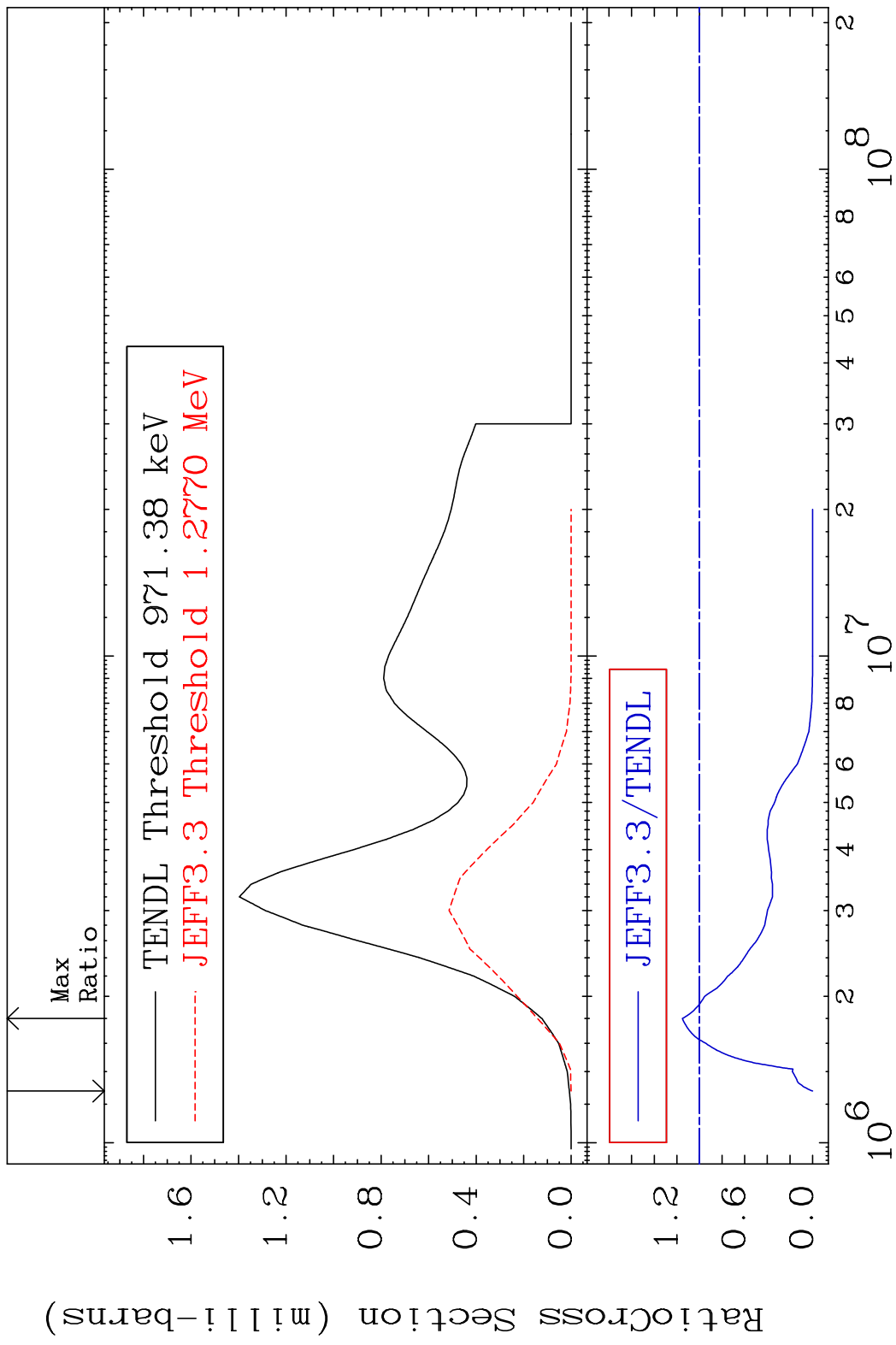


MAT 6437 MT= 53 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 856.4 %



7 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 54 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 15.13 %



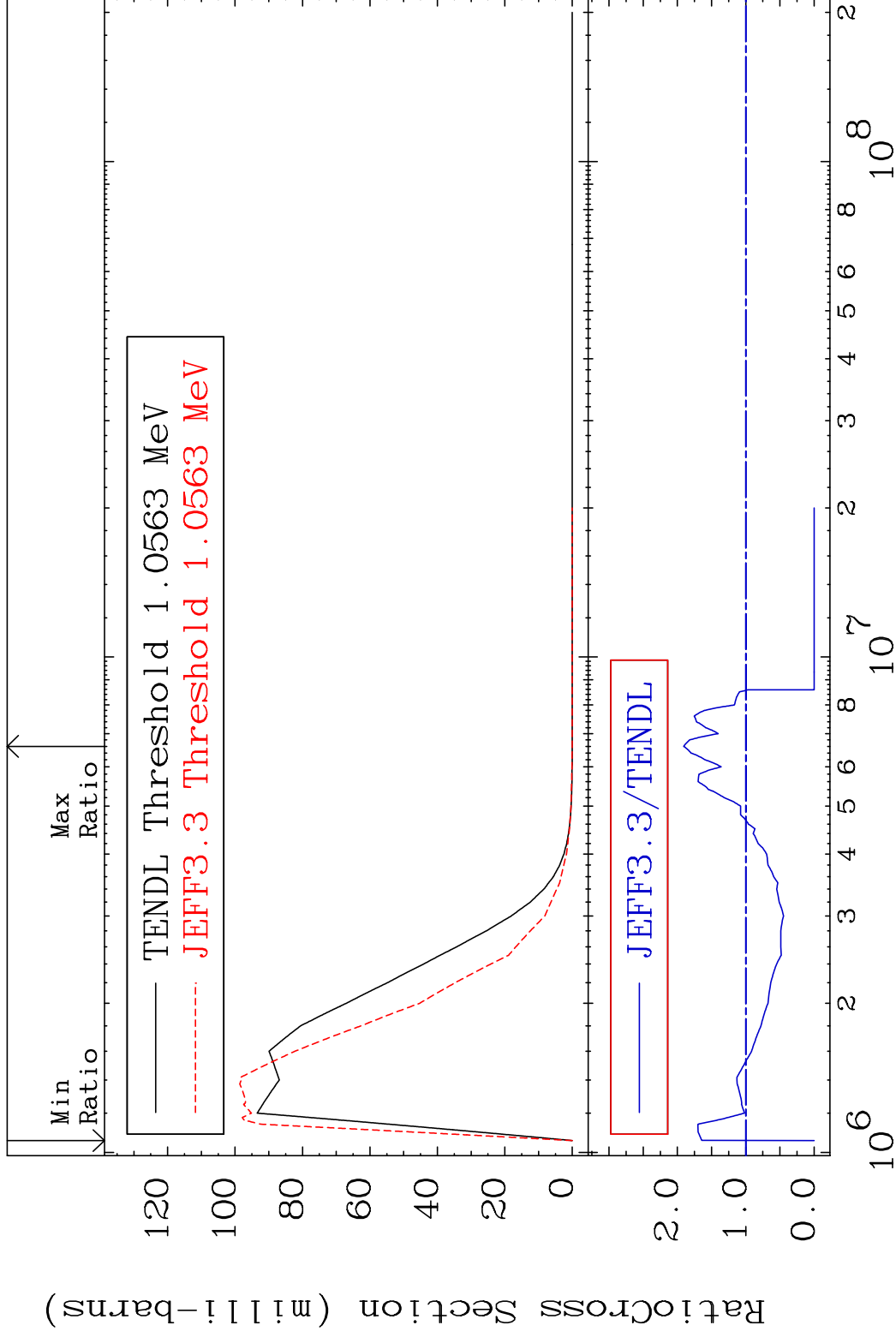
8 Incident Energy (eV) 64-Gd-156

MAT 6437

MT= 55 (n,n') Level

64-Gd-156

Cross Section -100.0 To 90.83 %

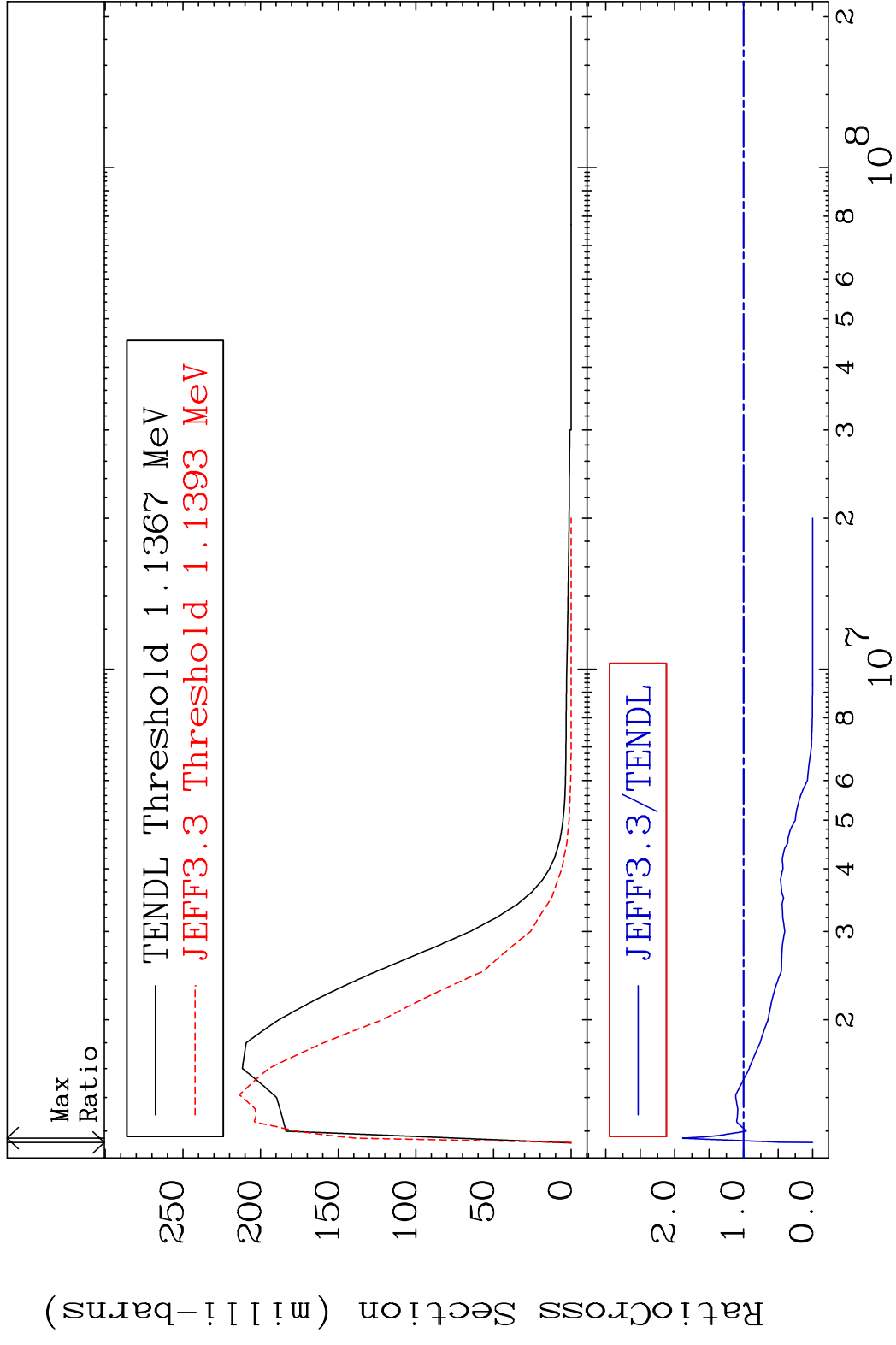


9

Incident Energy (eV)

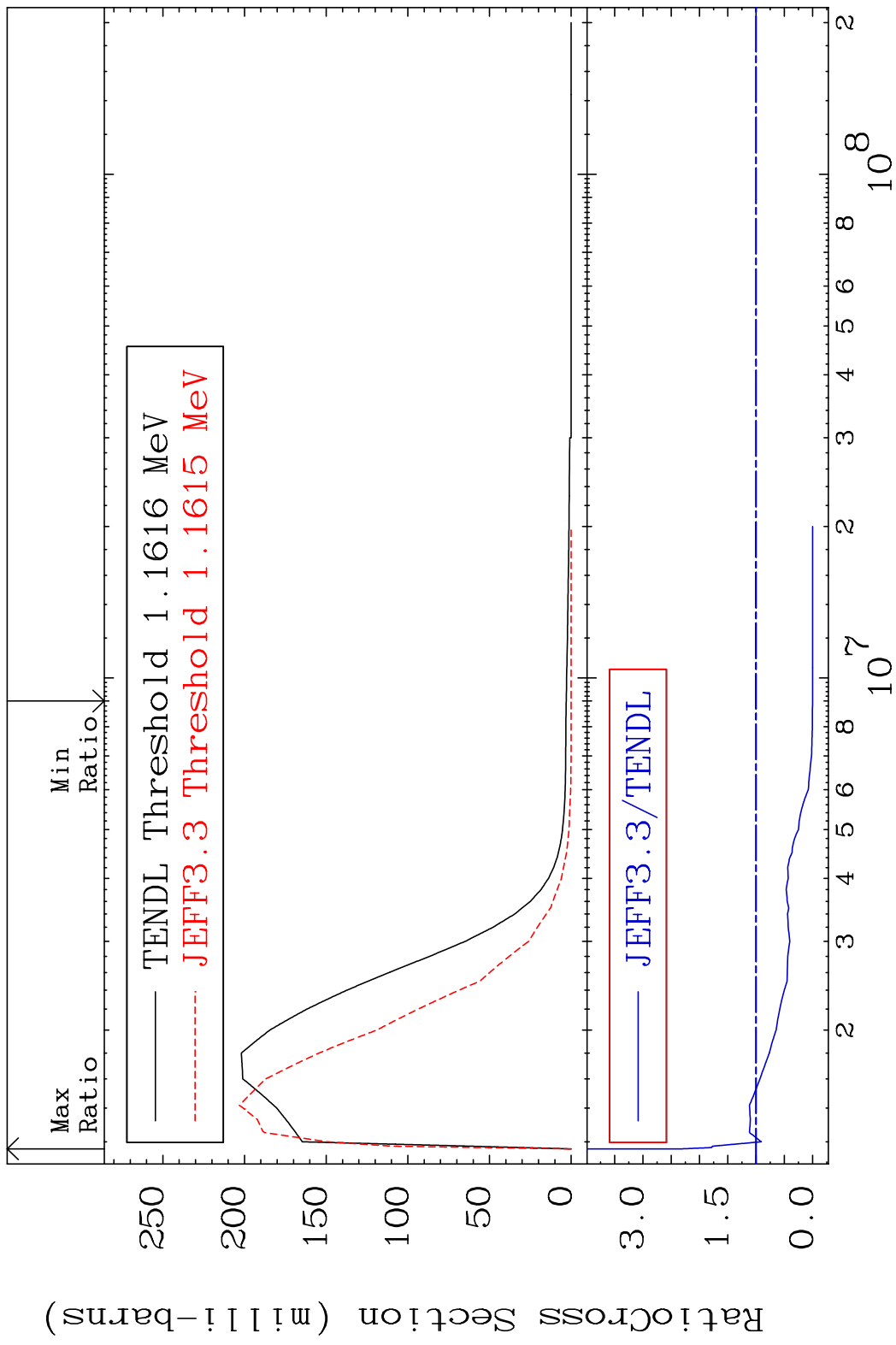
64-Gd-156

MAT 6437 MT= 56 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 88.84 %



10 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 57 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 130.3 %

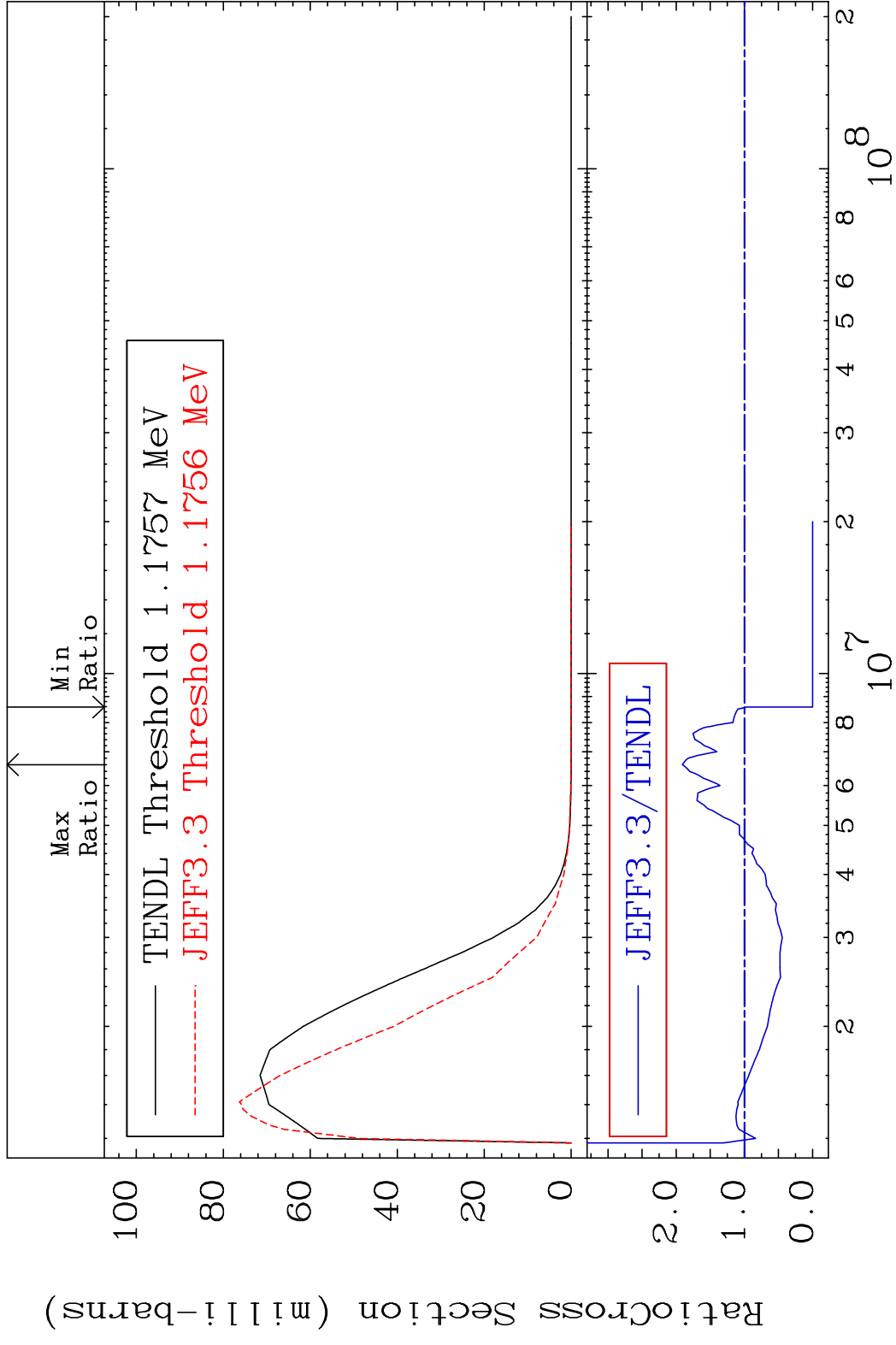


MAT 6437

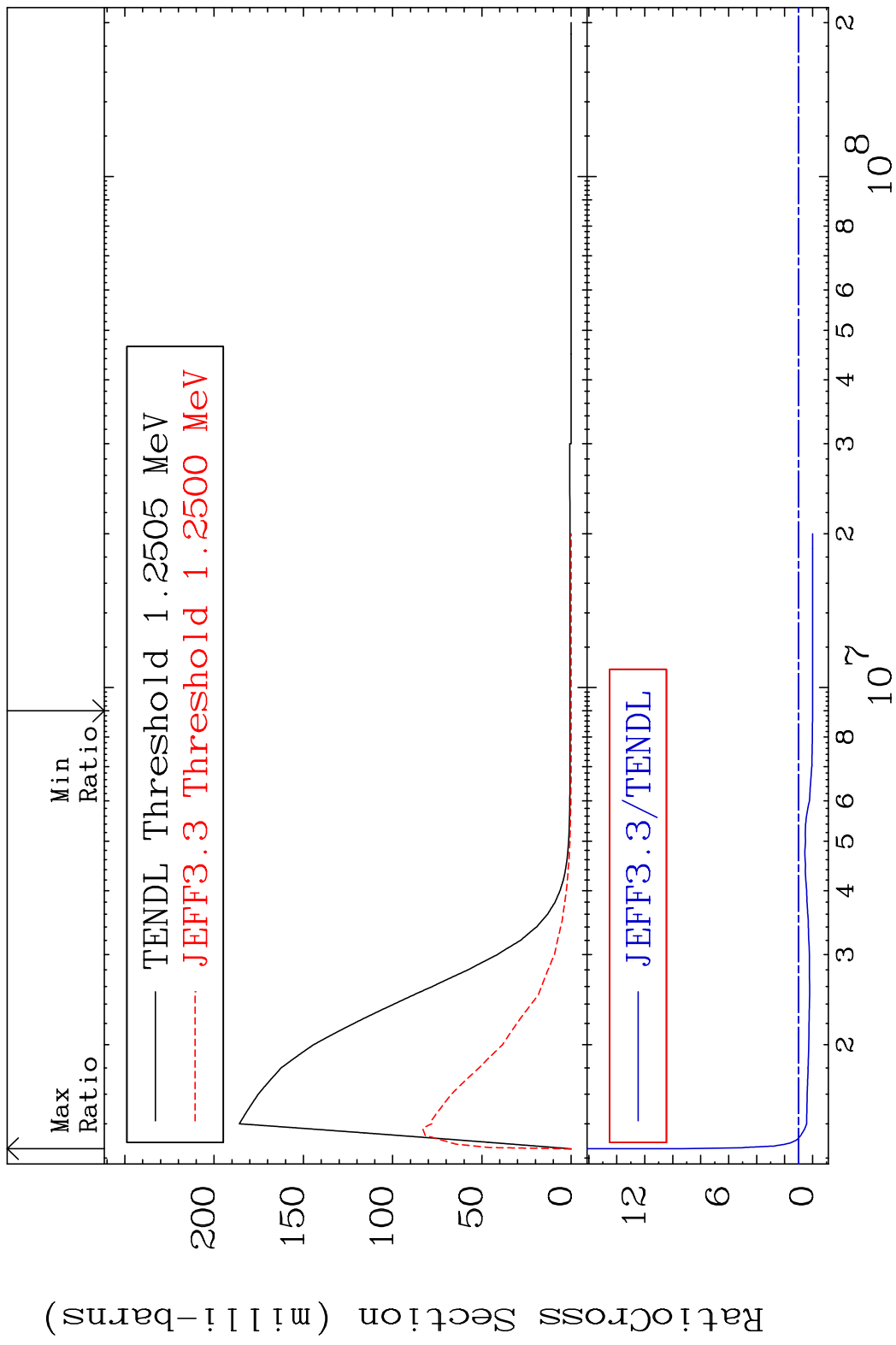
MT= 58 (n, n') Level

64-Gd-156

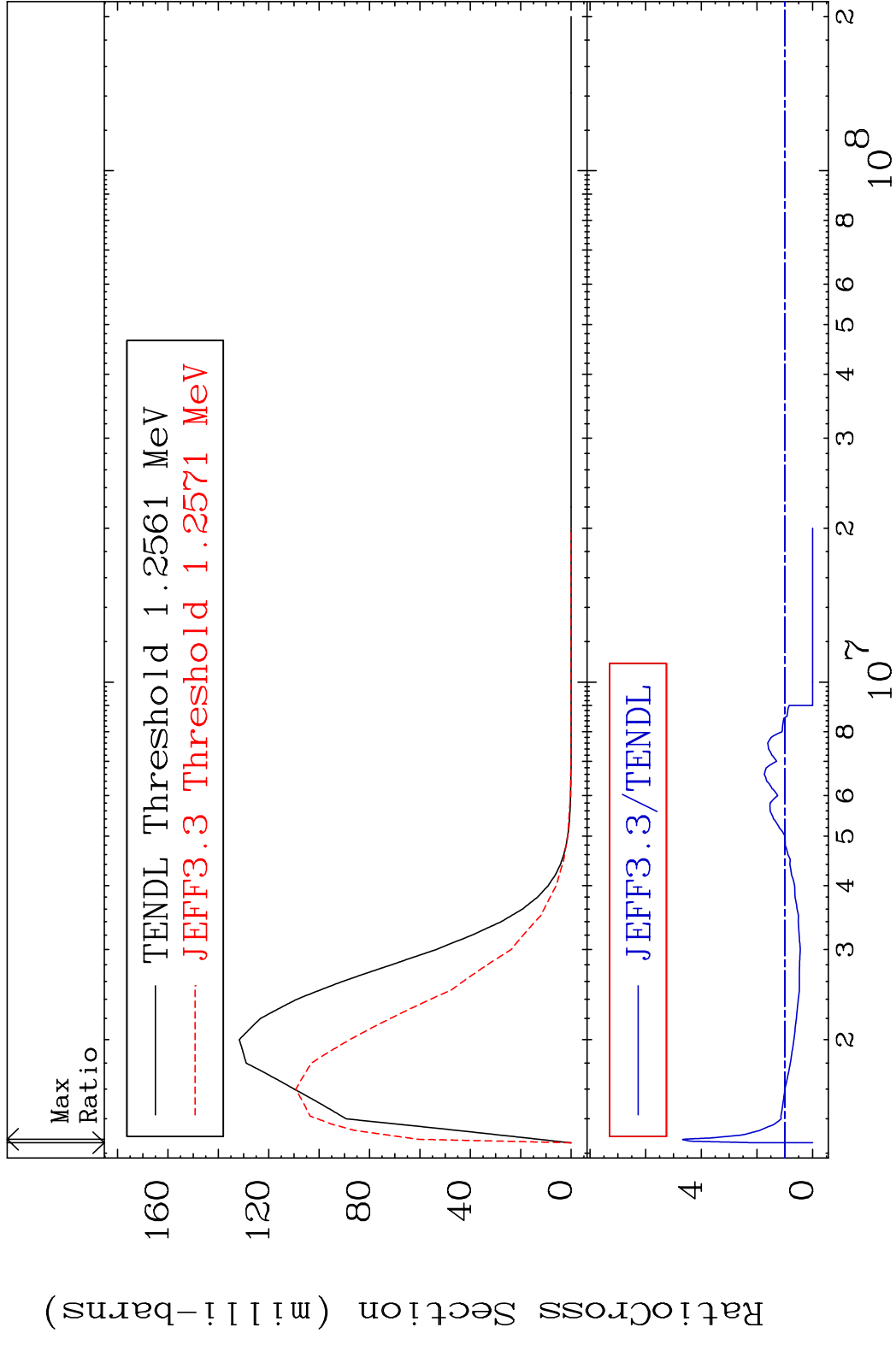
Cross Section -100.0 To 90.96 %



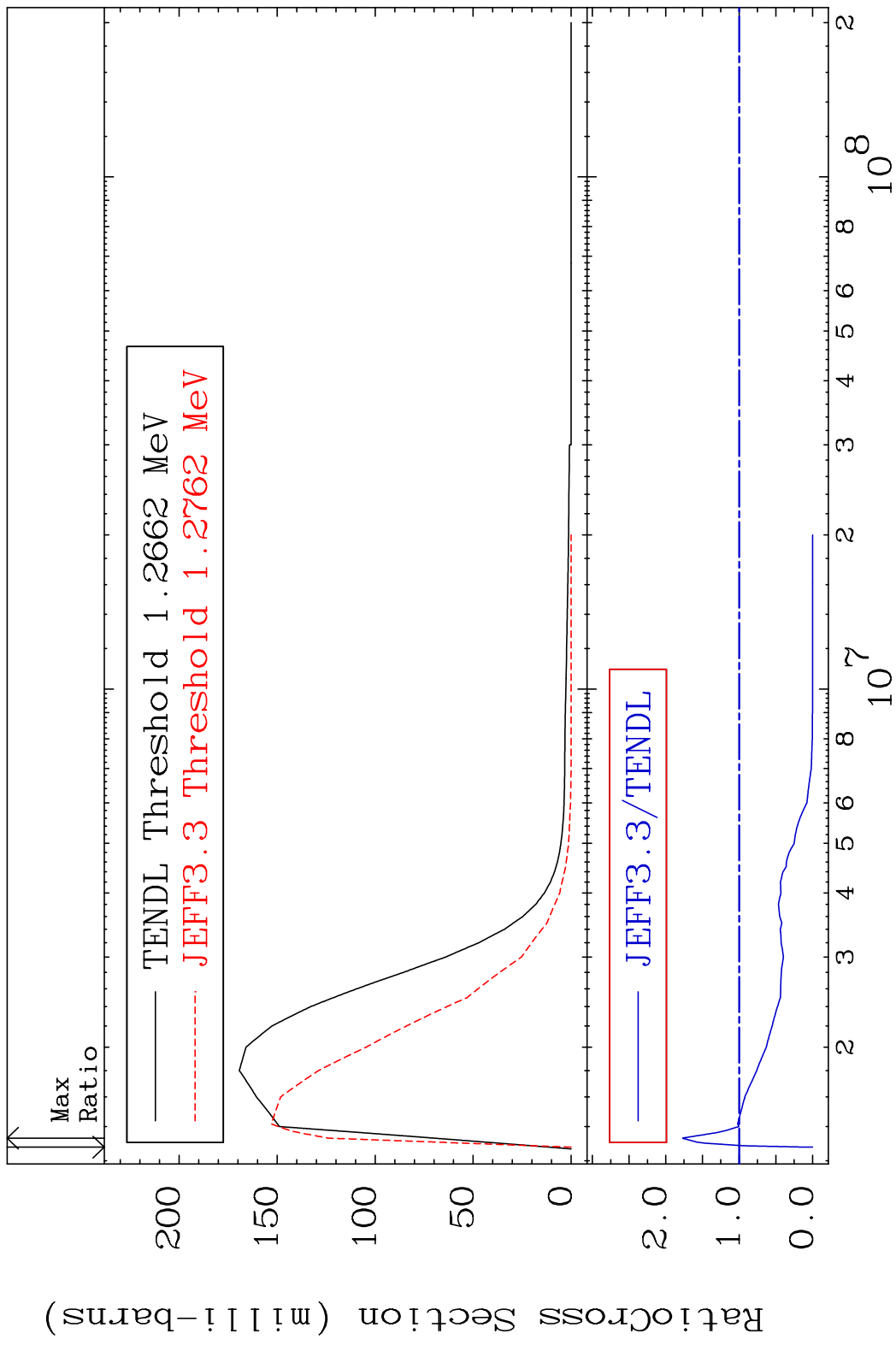
MAT 6437 MT= 59 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 831.2 %



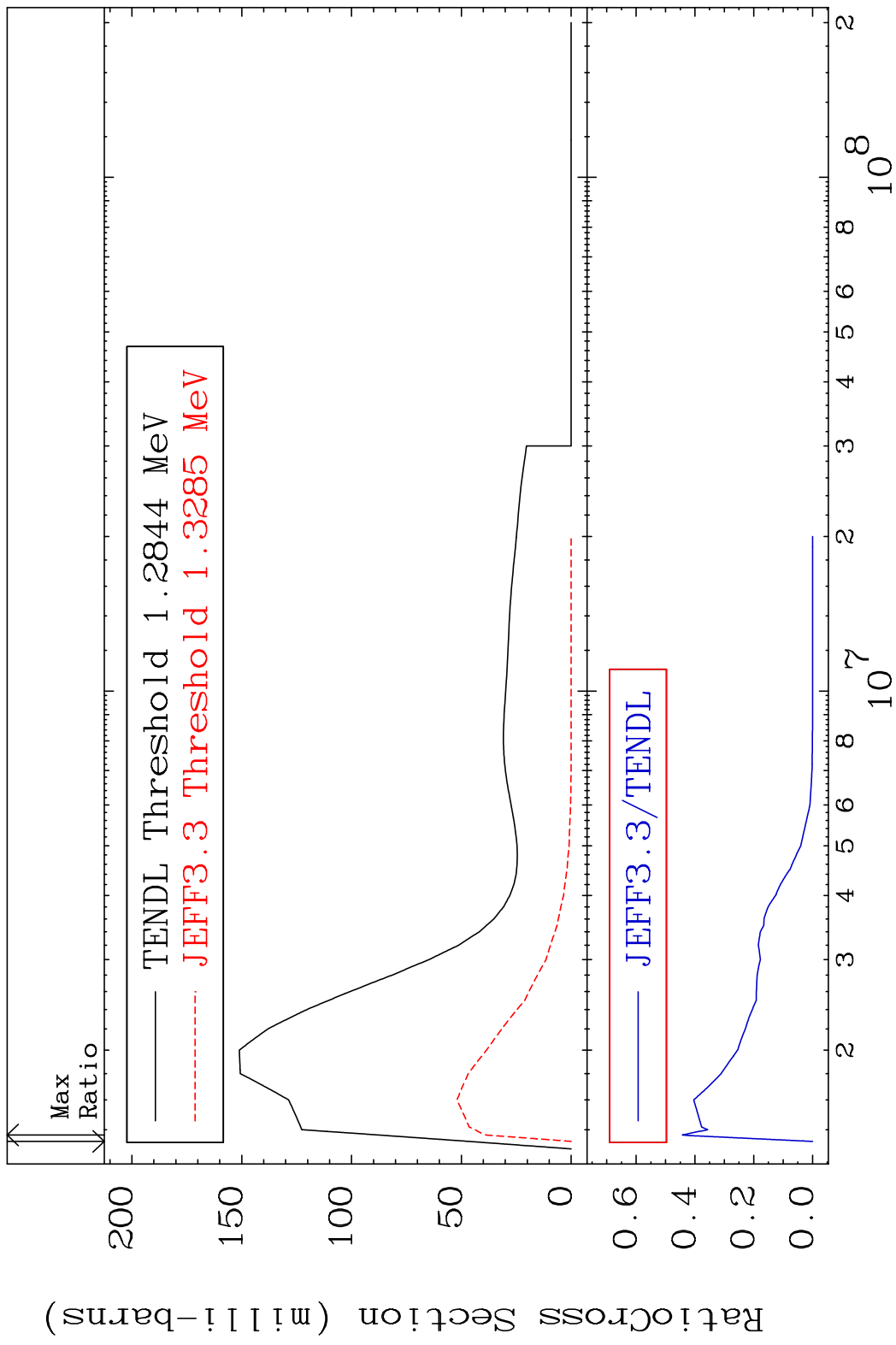
MAT 6437 MT= 60 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 368.3 %



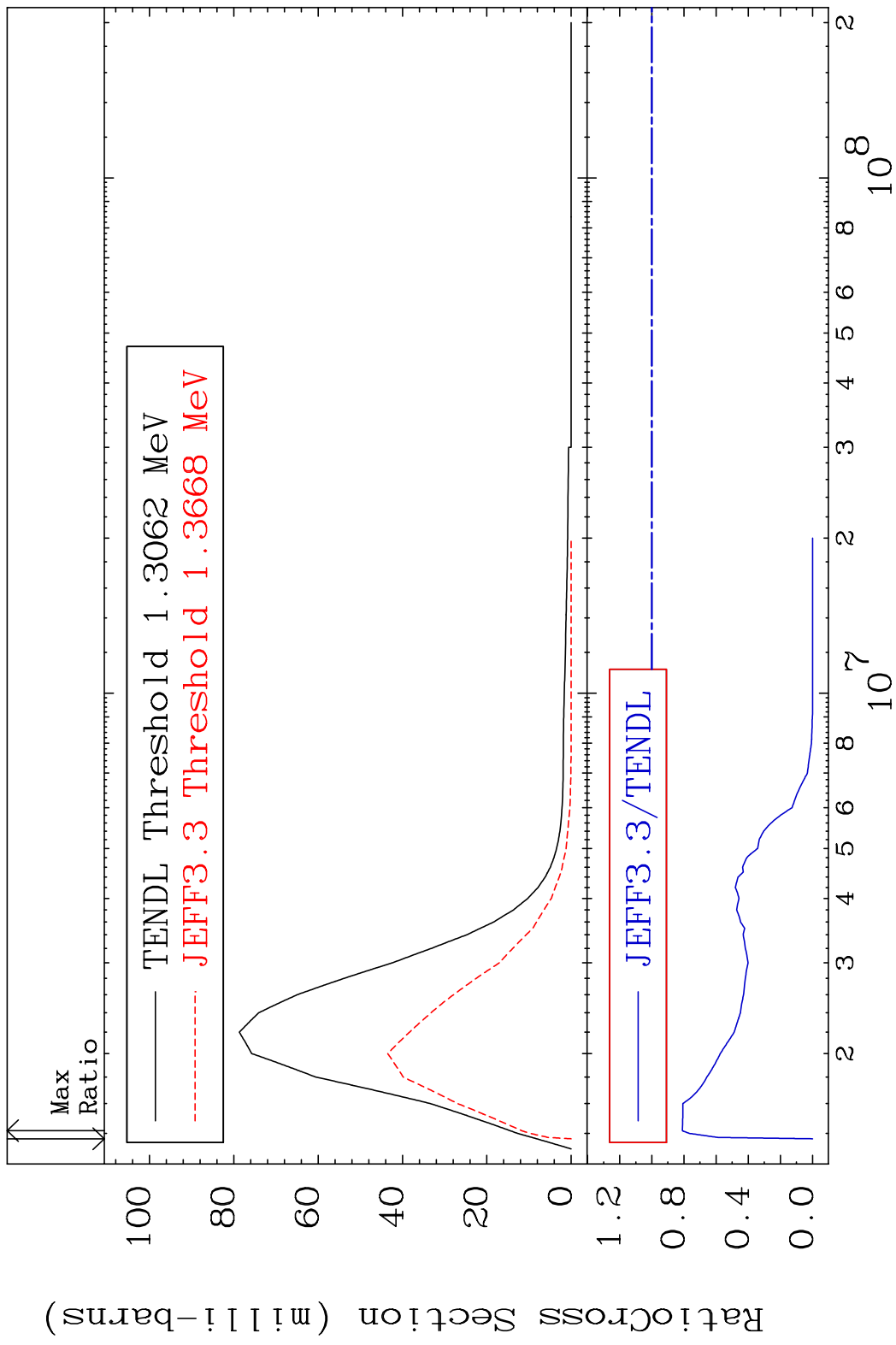
MAT 6437 MT= 61 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 77.37 %



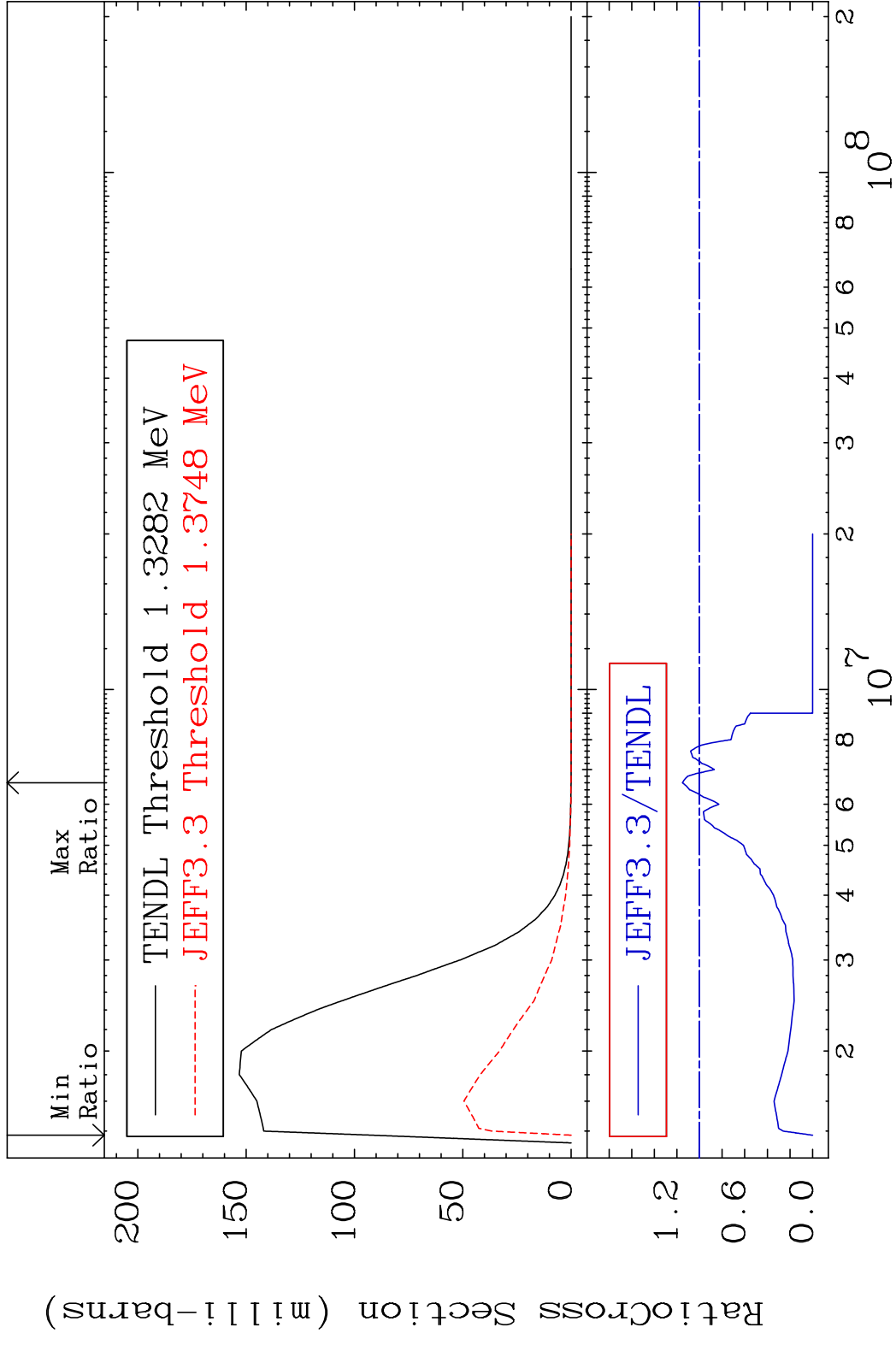
MAT 6437 MT= 62 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -55.72%



MAT 6437 MT= 63 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -18.99%



MAT 6437 MT= 64 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 15.18 %

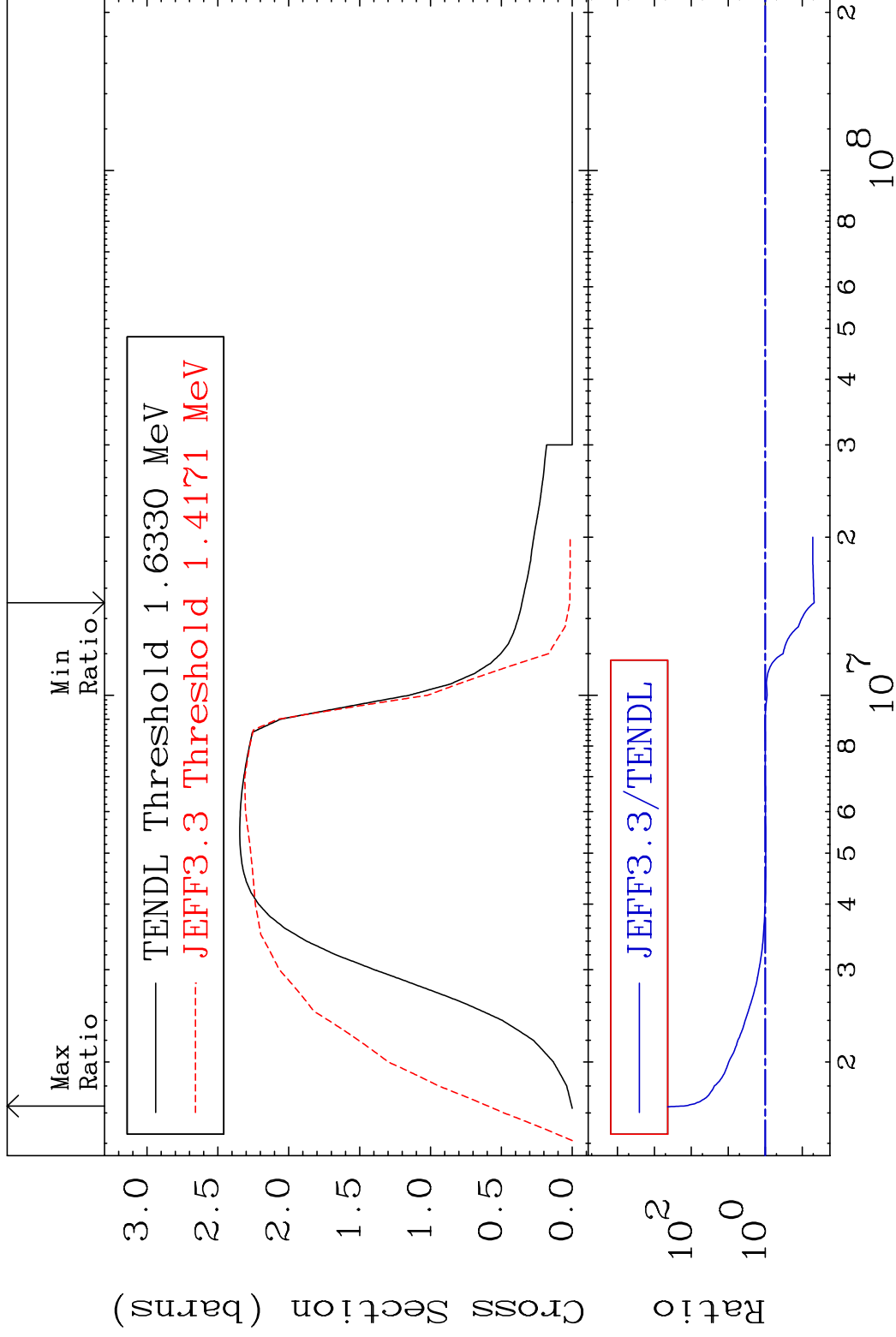


MAT 6437

(n, n') Continuum

64-Gd-156

Cross Section -95.23 To 9999. %



19

Incident Energy (eV)

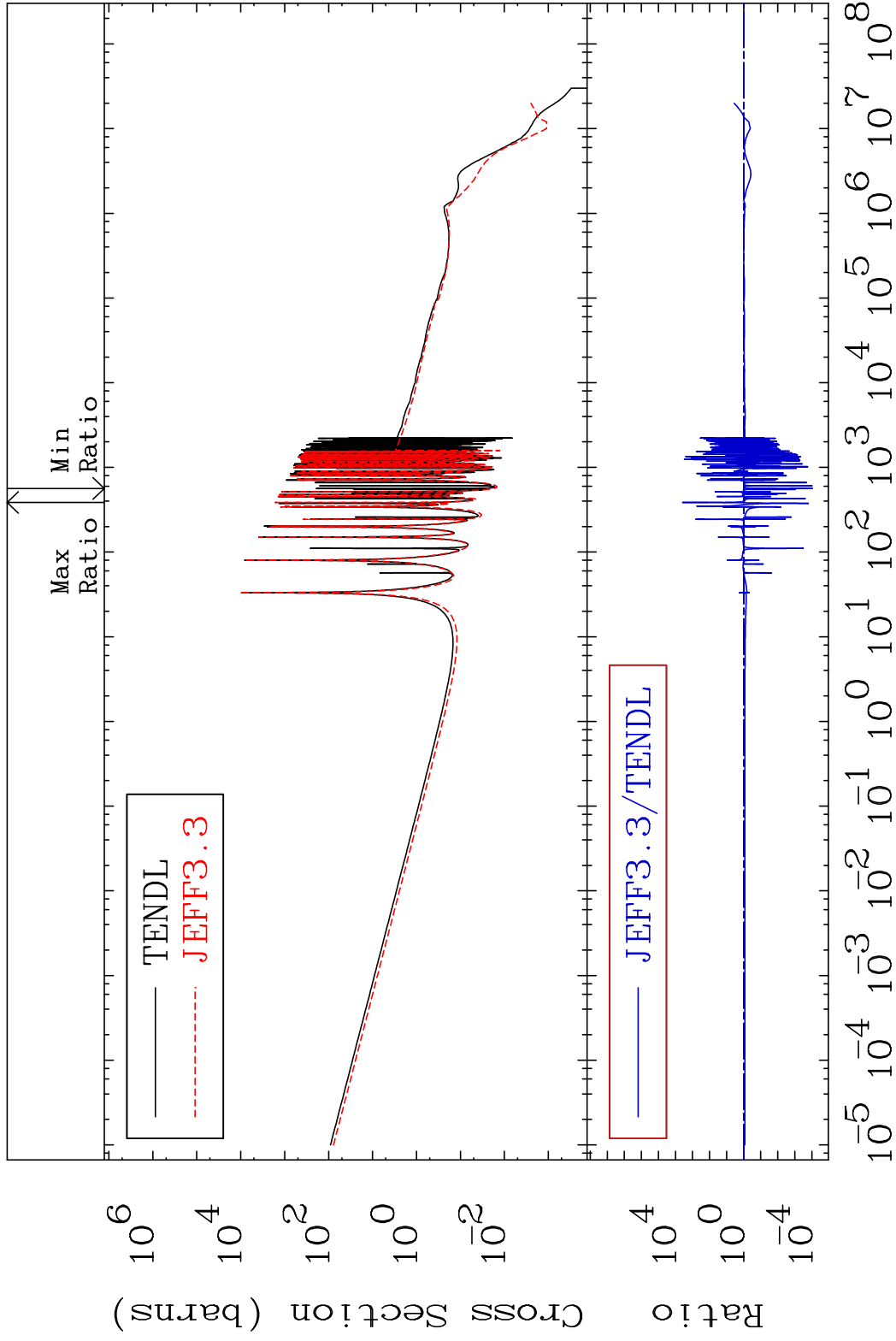
64-Gd-156

MAT 6437

(n, γ)

64-Gd-156

Cross Section -99.99 To 9999. %



20

Incident Energy (eV)

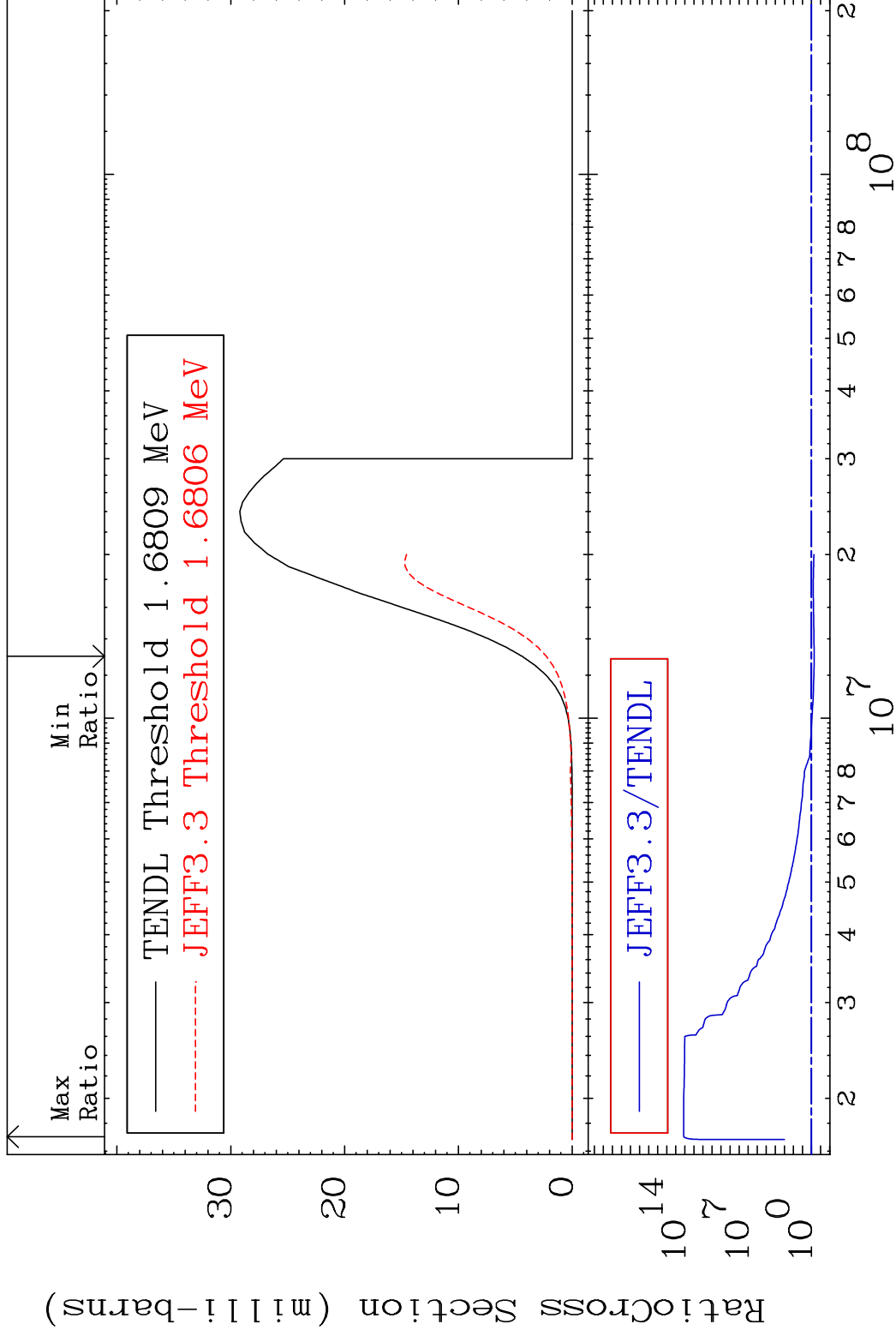
64-Gd-156

MAT 6437

(n,p)

64-Gd-156

Cross Section -48.29 To 9999. %



21

Incident Energy (eV)

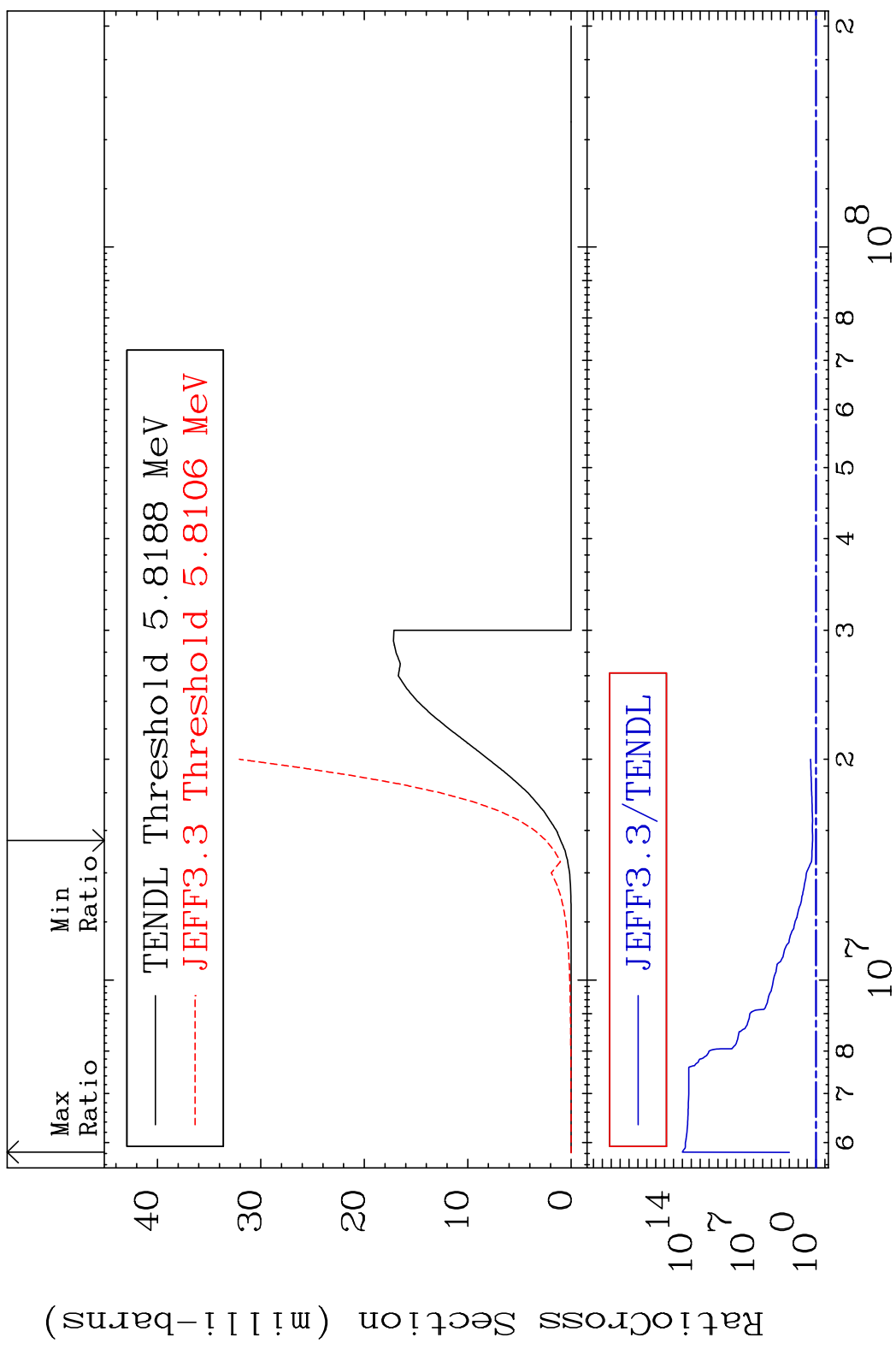
64-Gd-156

MAT 6437

(n,d)

64-Gd-156

Cross Section 140.7 To 9999. %

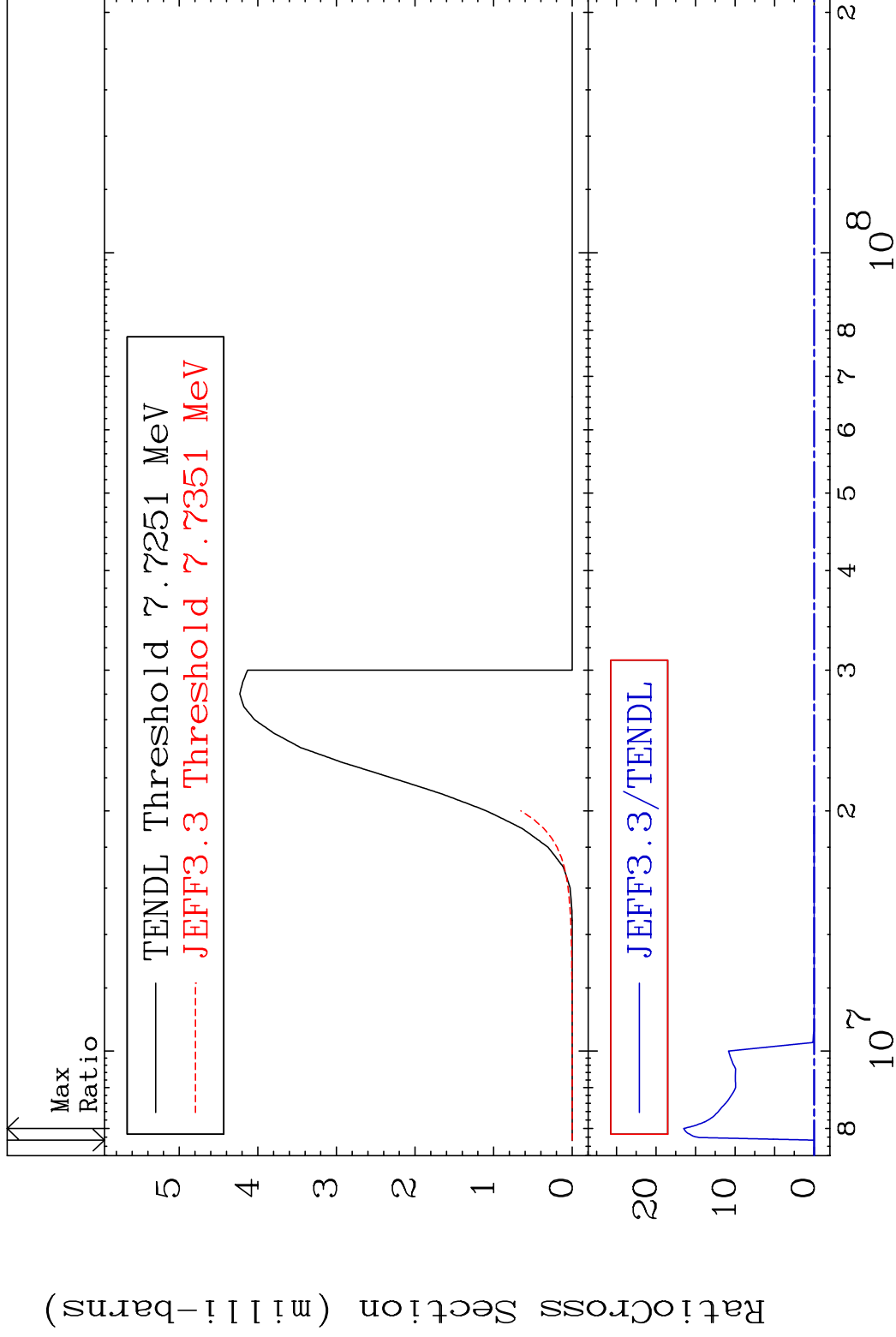


MAT 6437

(n, t)

64-Gd-156

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

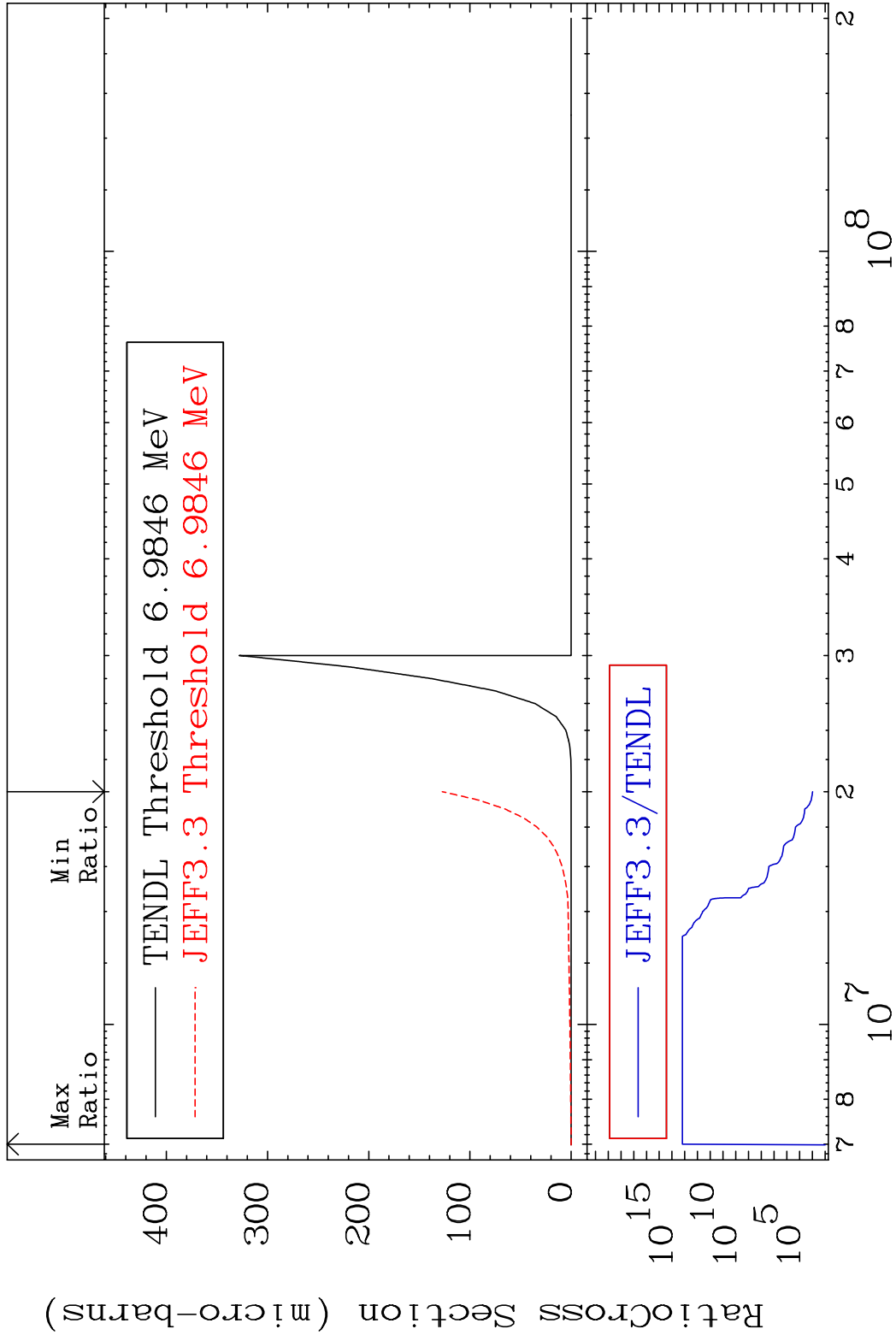
64-Gd-156

MAT 6437

(n, He-3)

64-Gd-156

Cross Section 9999. To 9999. %



24

Incident Energy (eV)

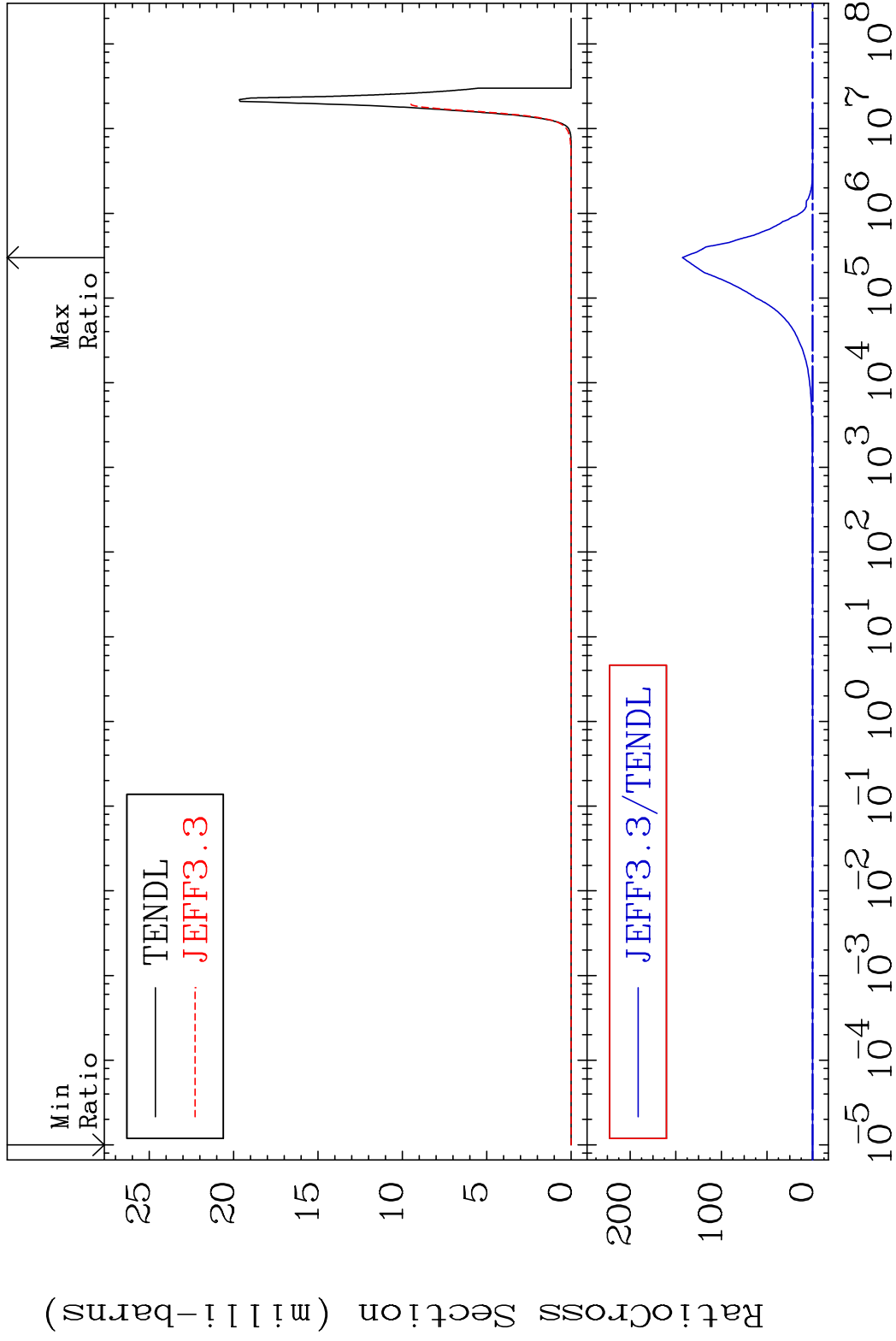
64-Gd-156

MAT 6437

(n, α)

64-Gd-156

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

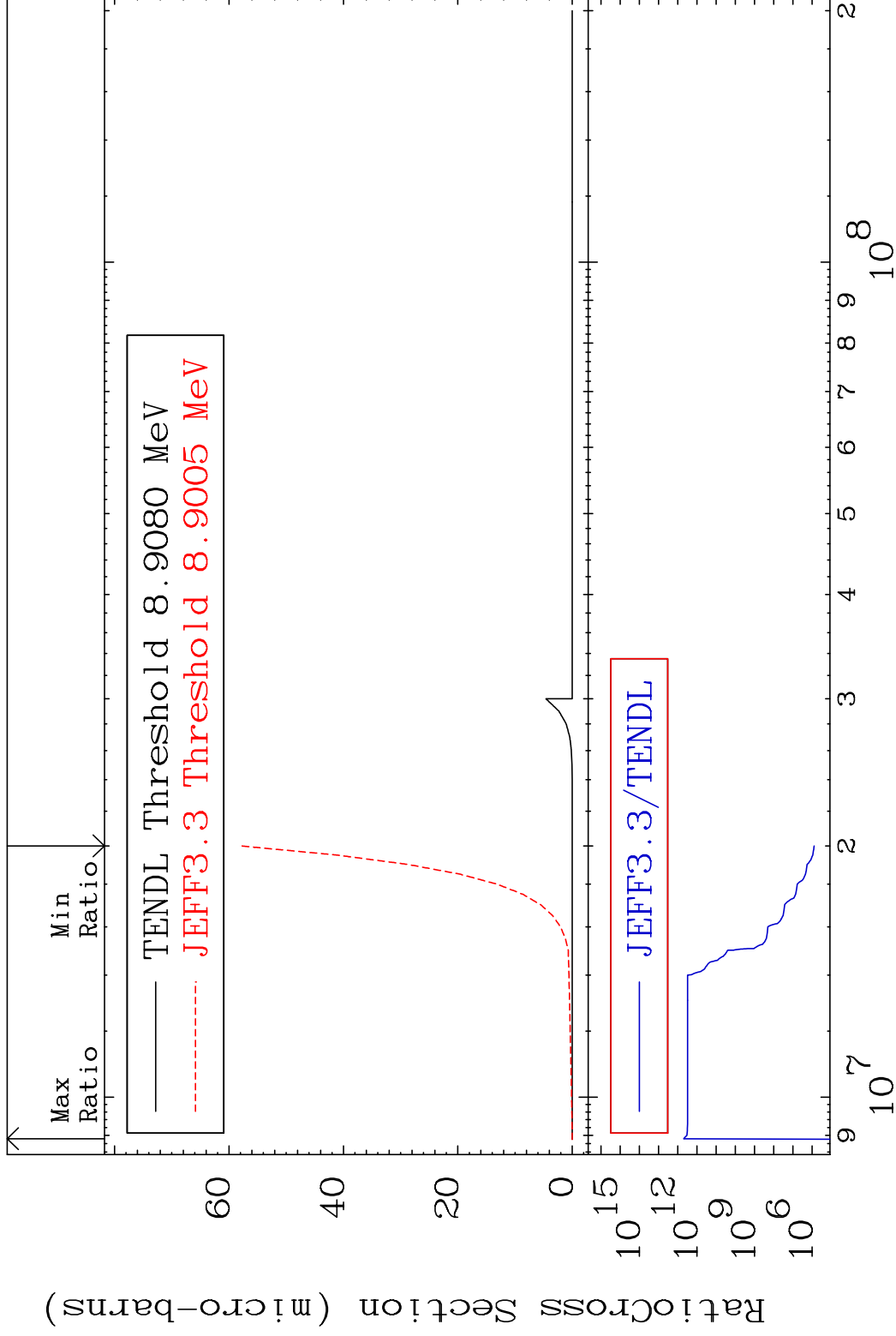
64-Gd-156

MAT 6437

(n,2p)

64-Gd-156

Cross Section 9999. To 9999. %



26

Incident Energy (eV)

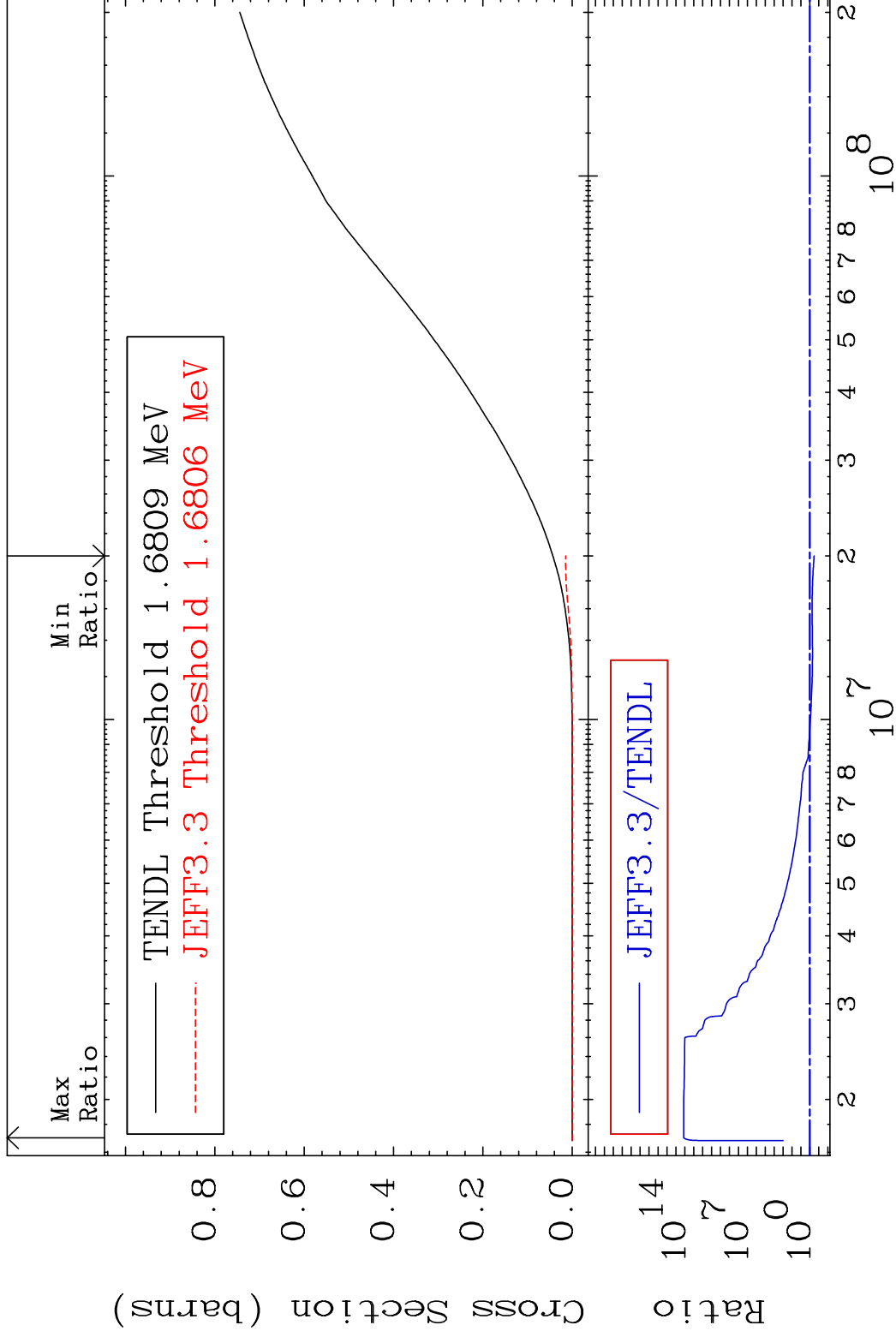
64-Gd-156

MAT 6437

Hydrogen Production

64-Gd-156

Cross Section -66.25 To 9999. %



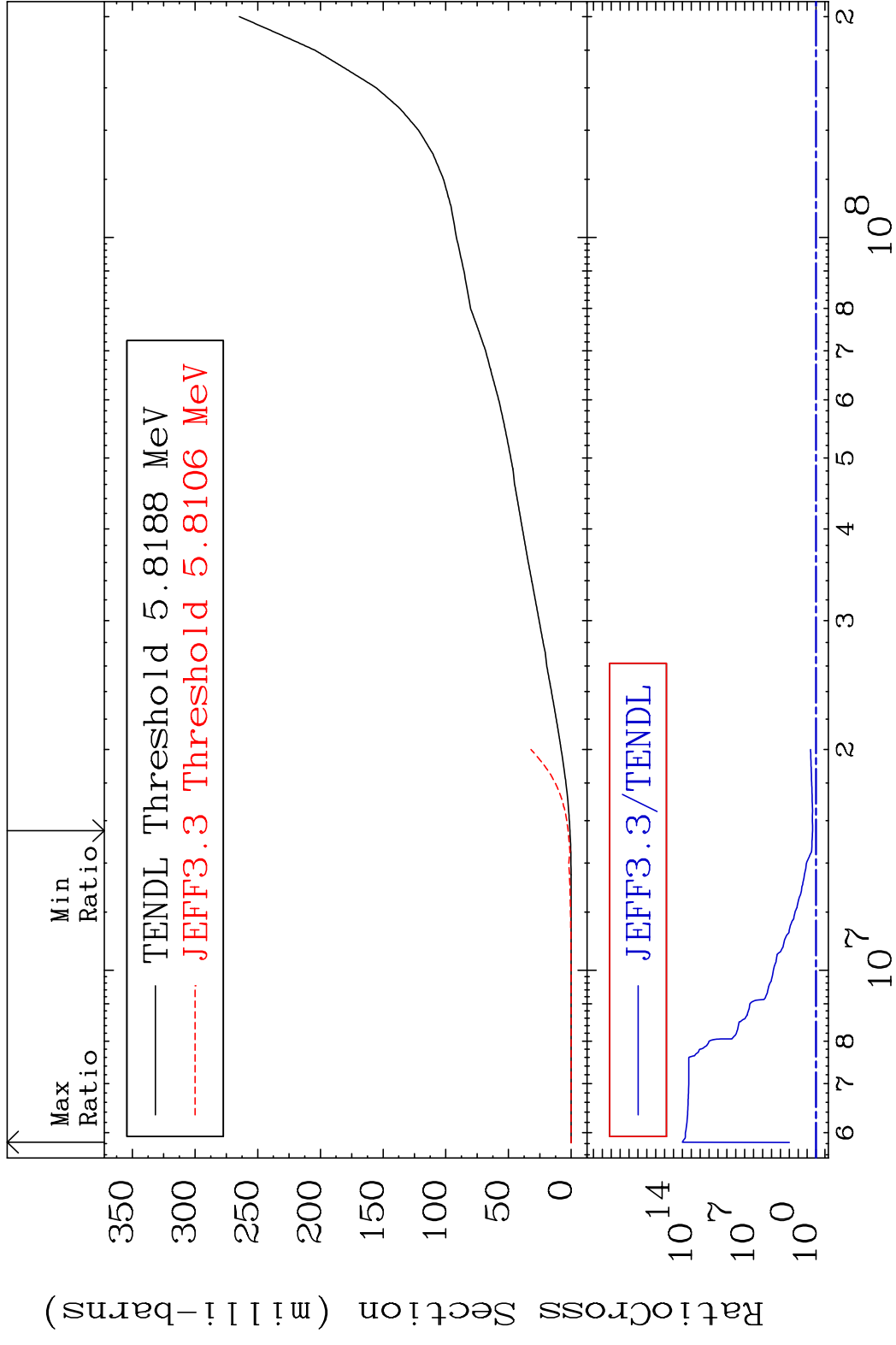
27

Incident Energy (eV)

64-Gd-156

MAT 6437

Deuterium Production 64-Gd-156
Cross Section 140.7 To 9999. %

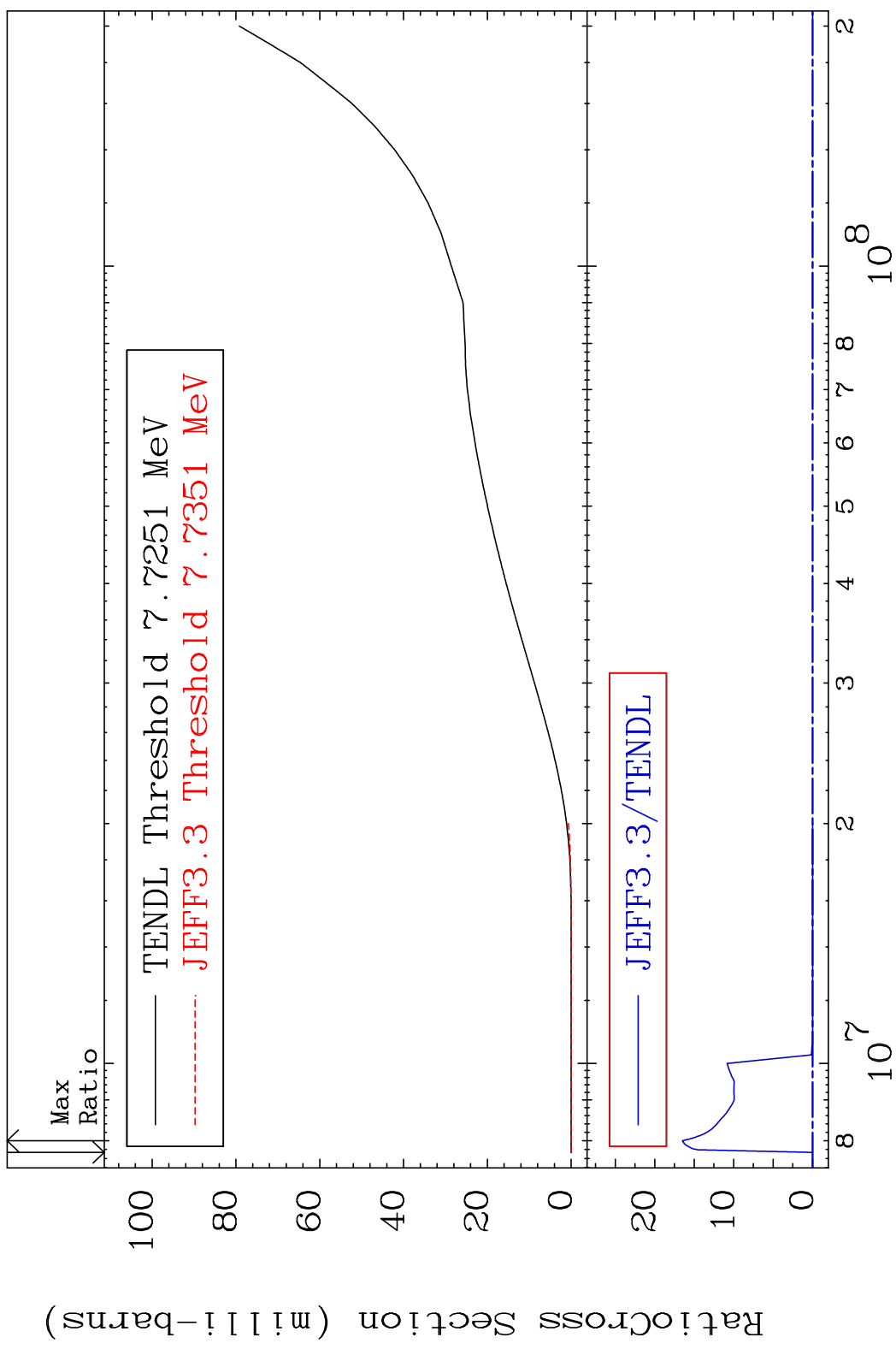


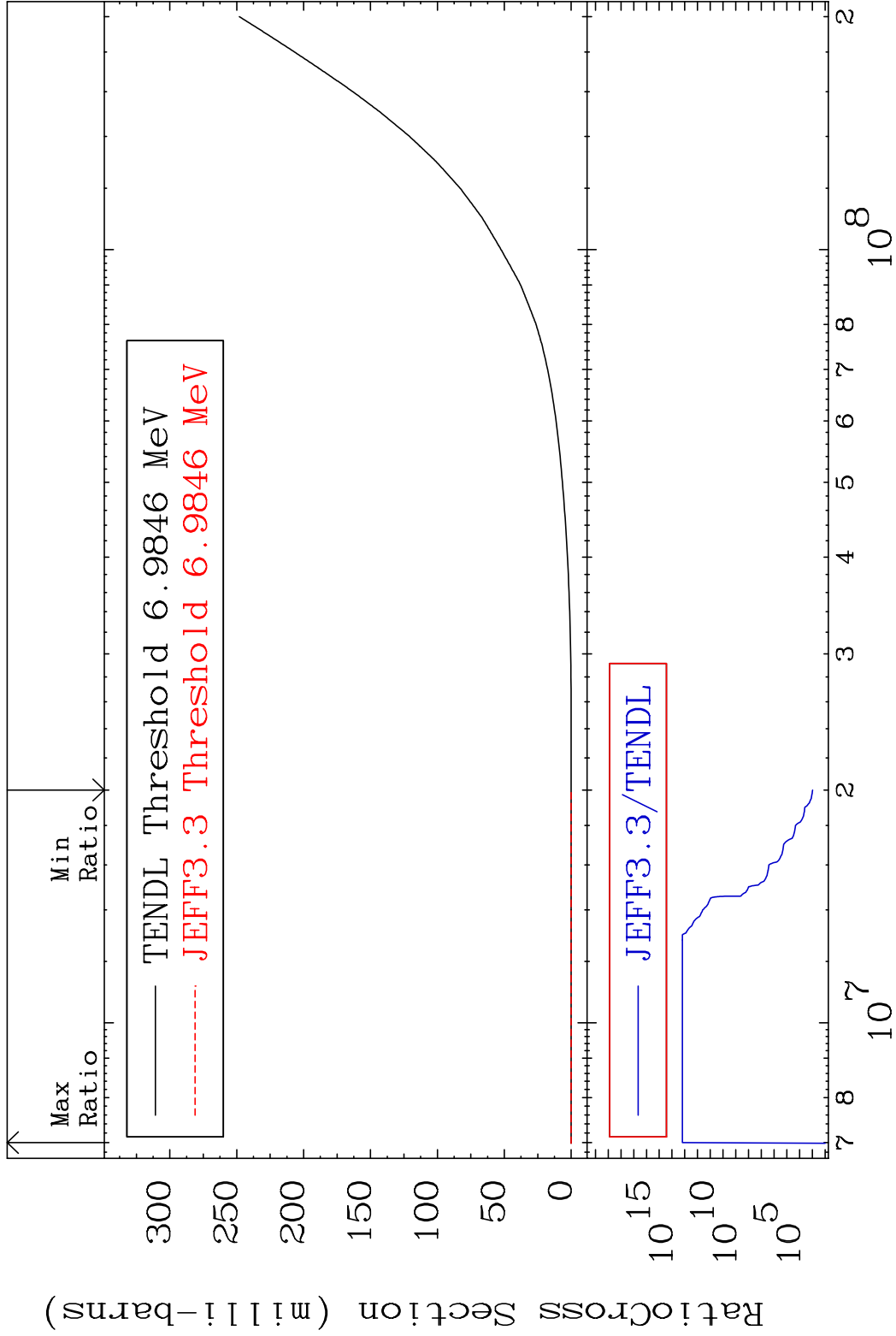
MAT 6437

Tritium Production

64-Gd-156

Cross Section -100.0 To 9999. %



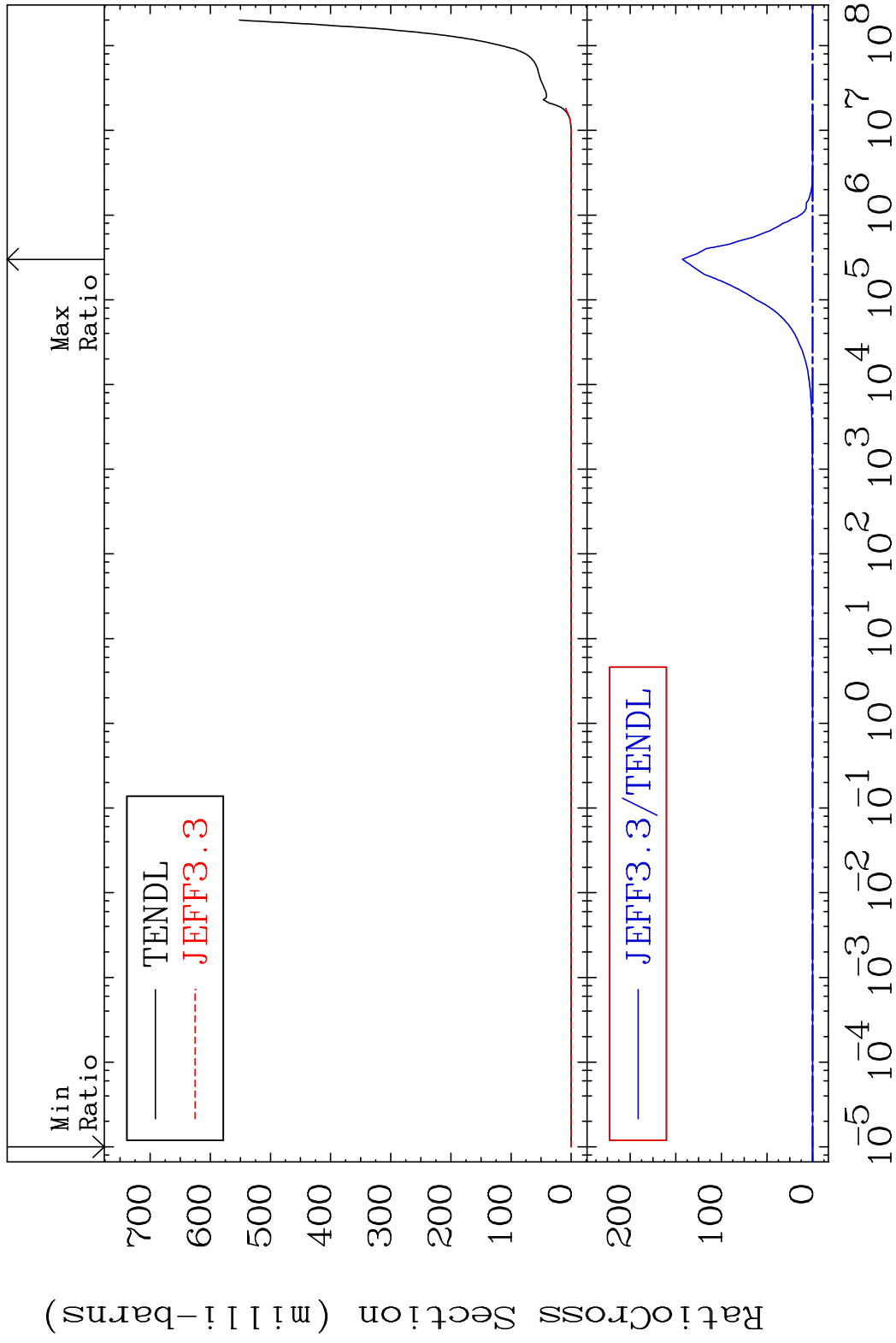


MAT 6437

He-4 Production

64-Gd-156

Cross Section -100.0 To 9999. %

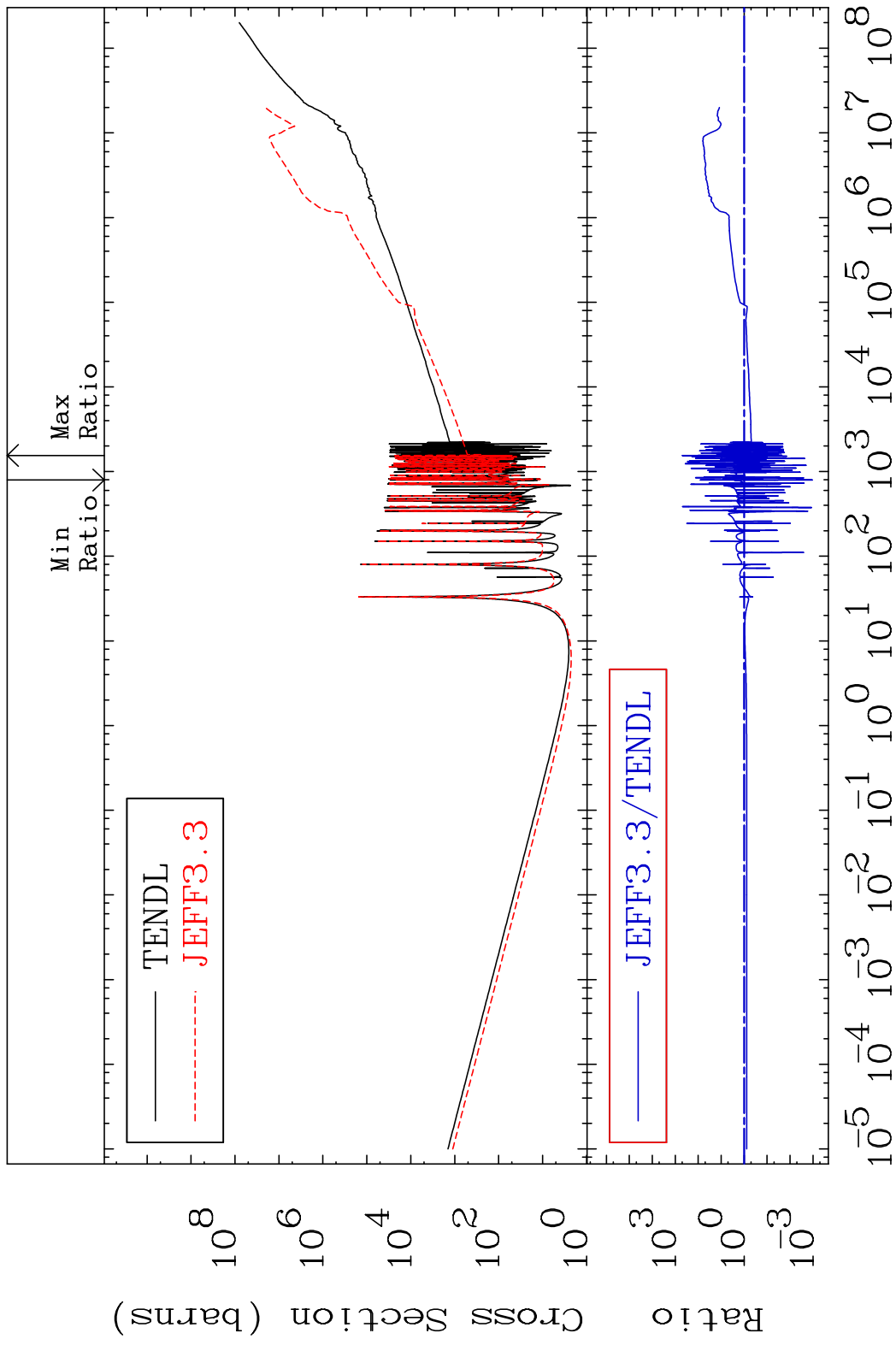


31

Incident Energy (eV)

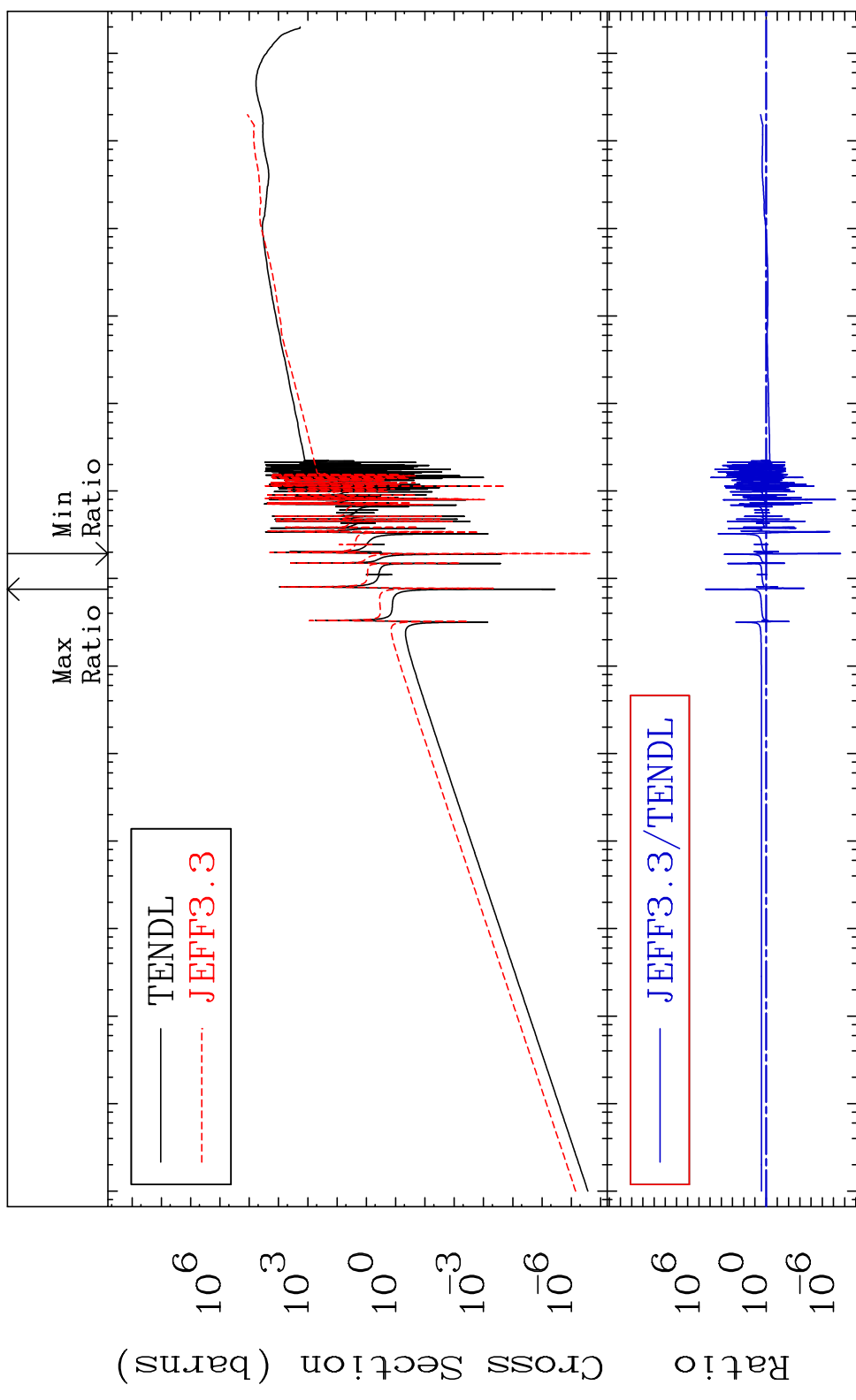
64-Gd-156

MAT 6437 Kerma total (eV-barns) 64-Gd-156
 Cross Section -99.90 To 9999. %

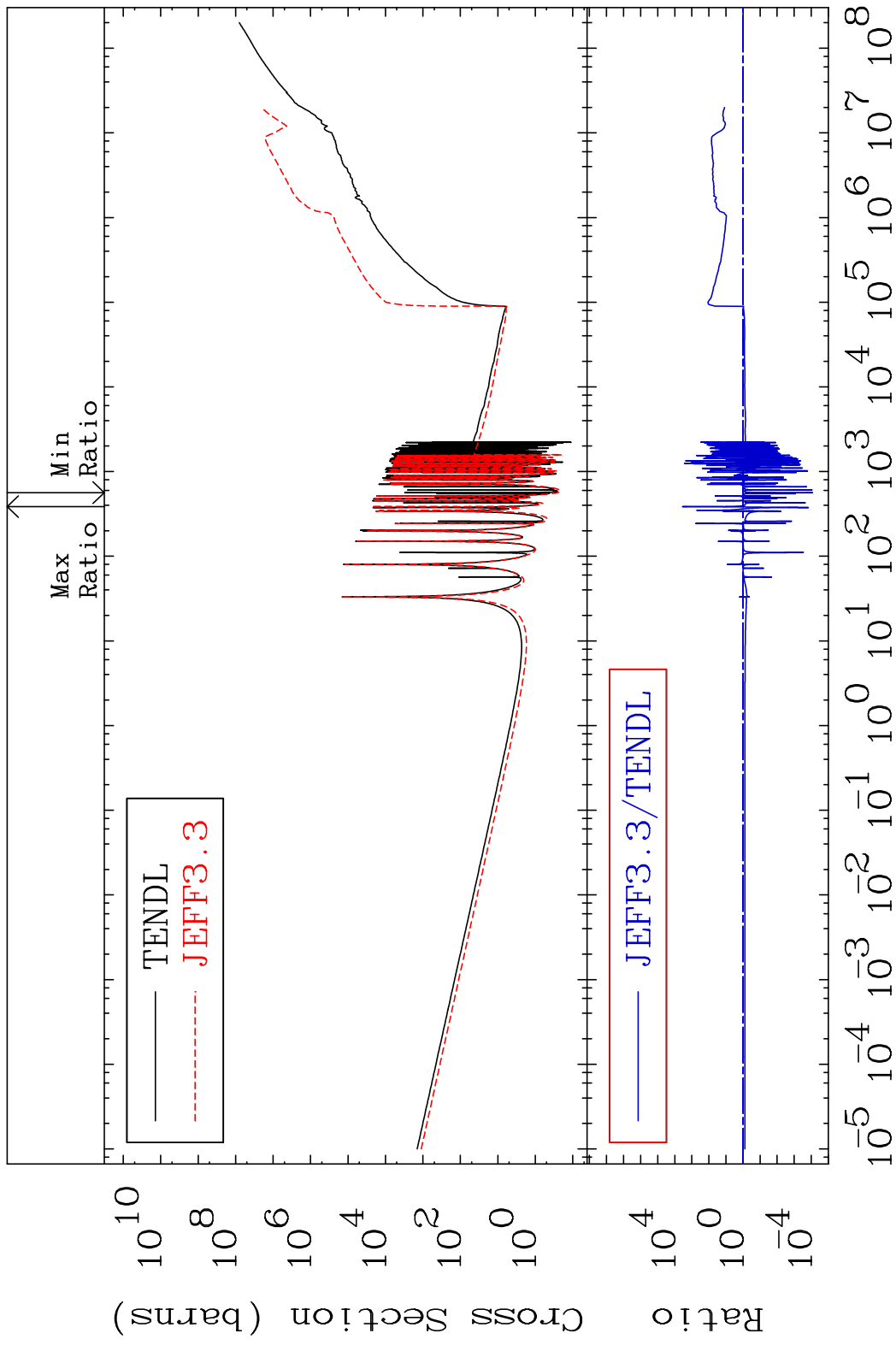


MAT 6437

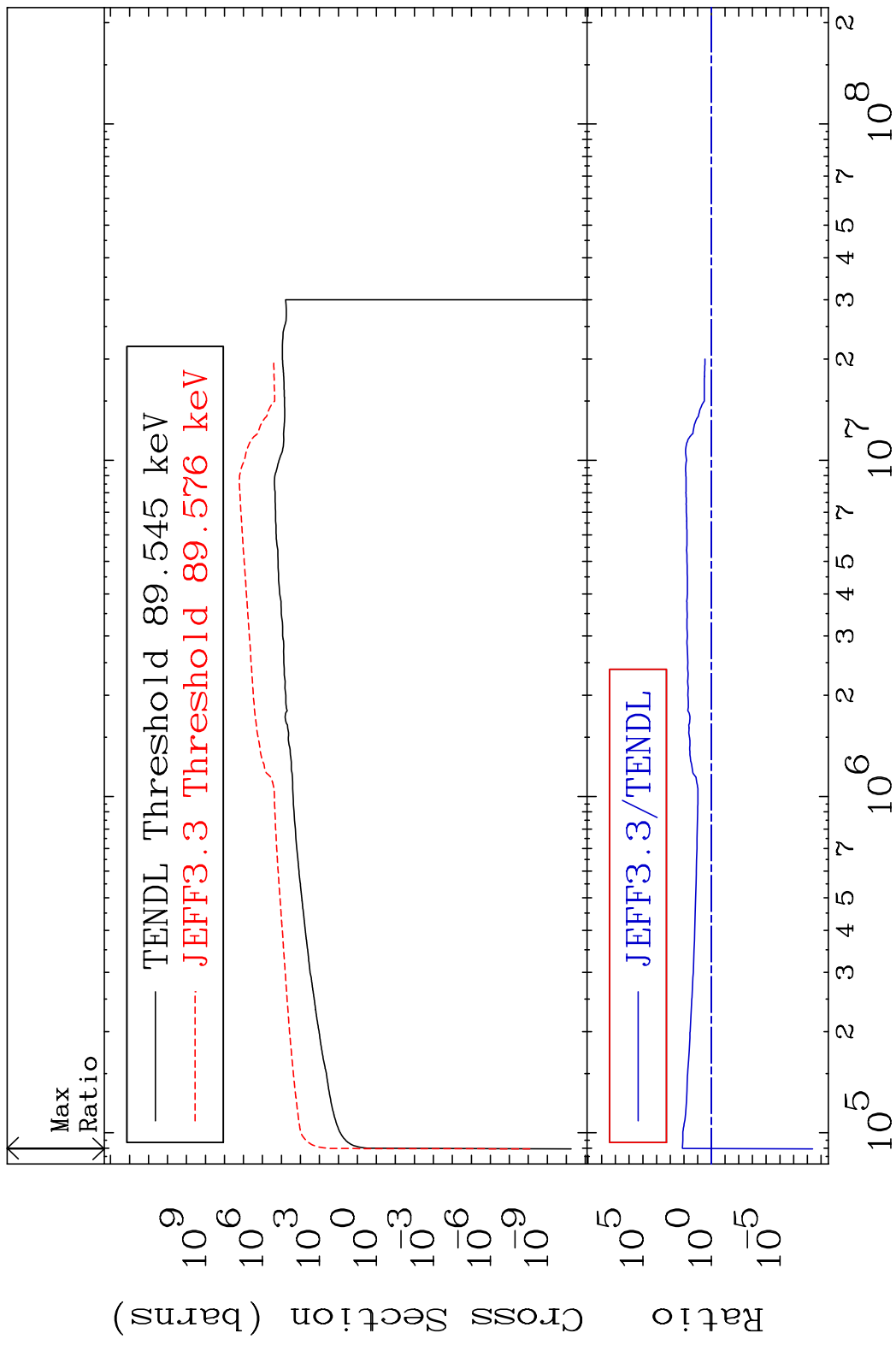
Kerma elastic
Cross Section -100.0 To 9999. %
64-Gd-156



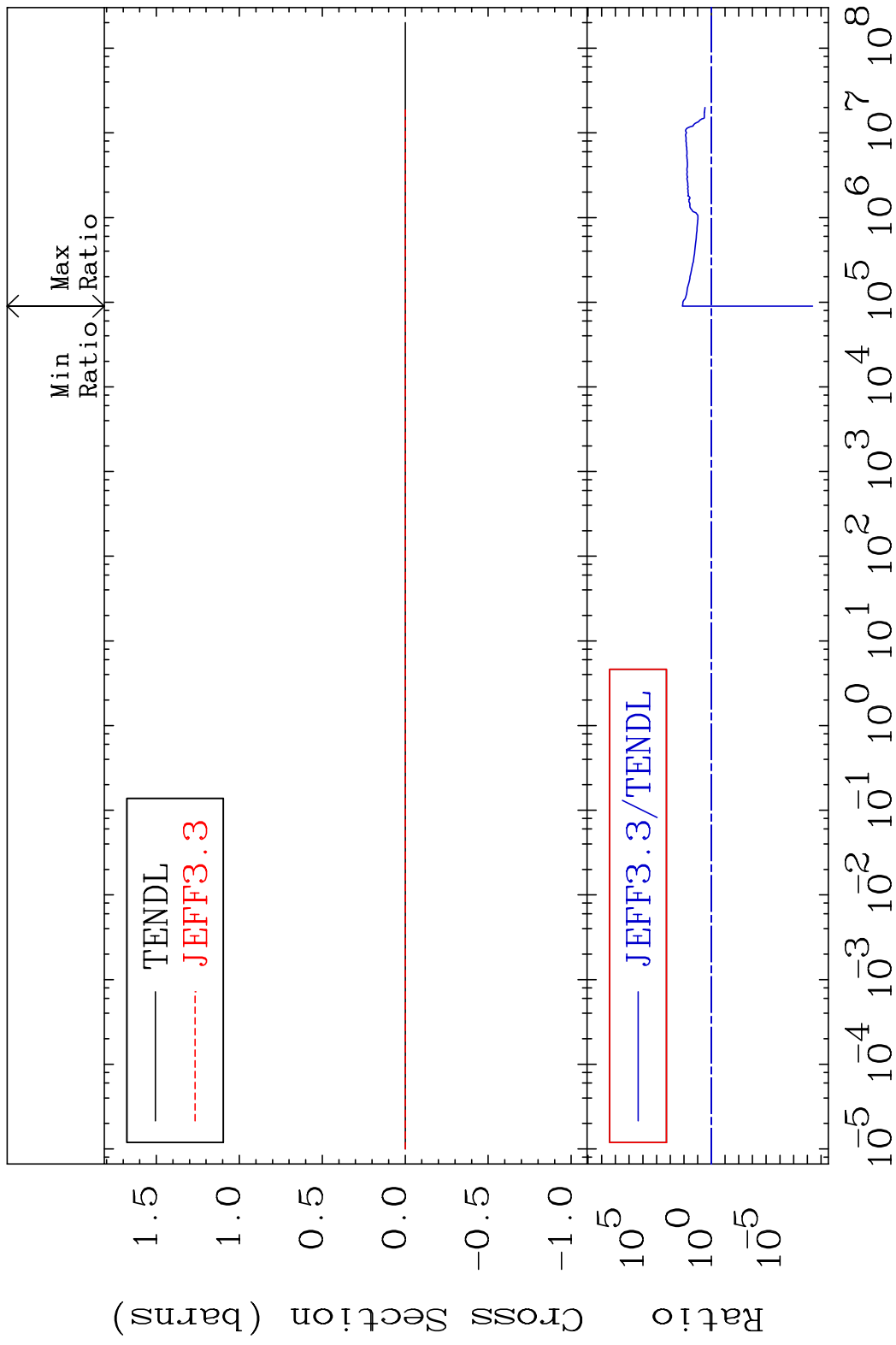
MAT 6437 Kerma non-elastic (all but mt2) 64-Gd-156
 Cross Section -99.99 To 9999. %

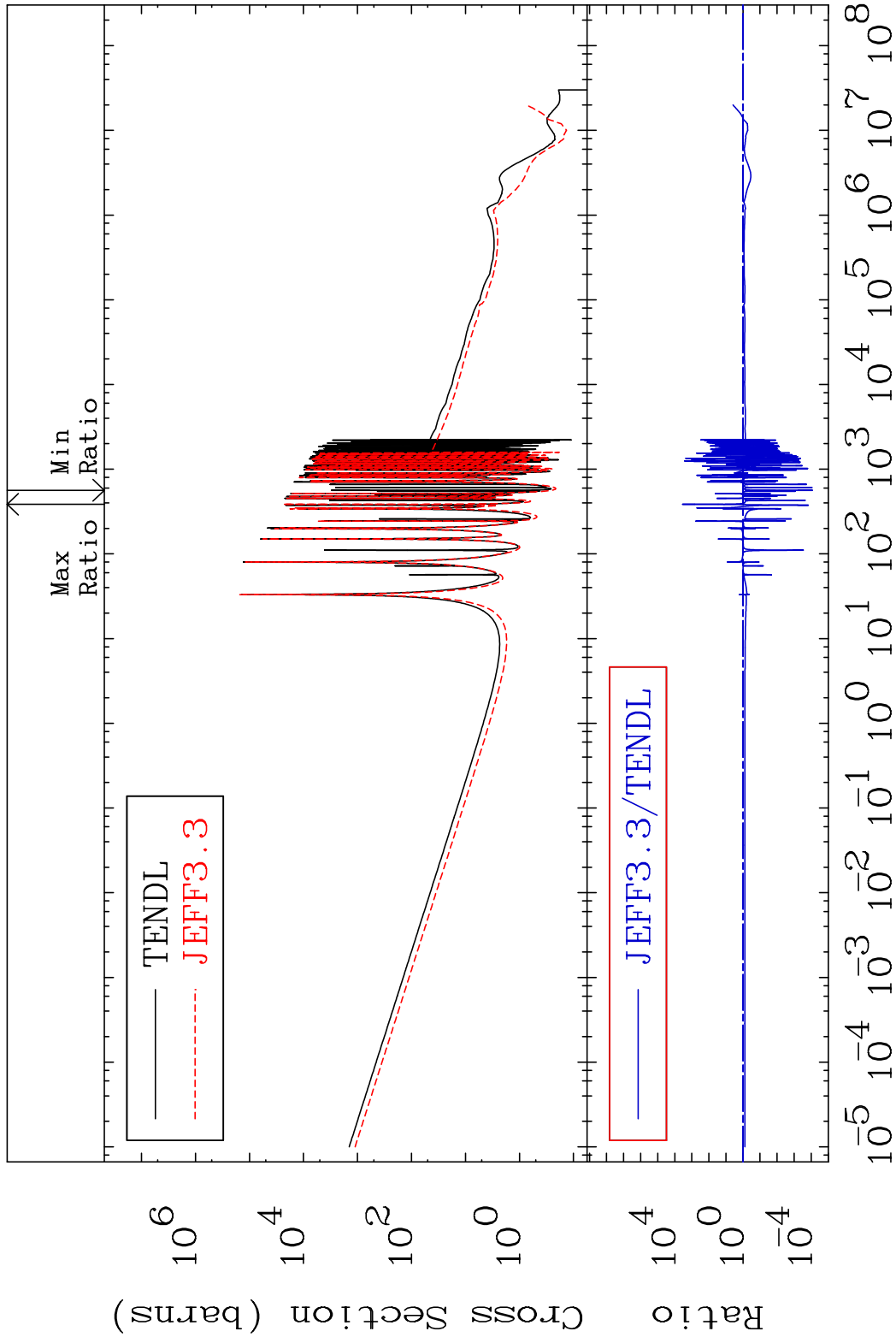


MAT 6437 Kerma inelastic (mt51-91) 64-Gd-156
 Cross Section -100.0 To 9999. %



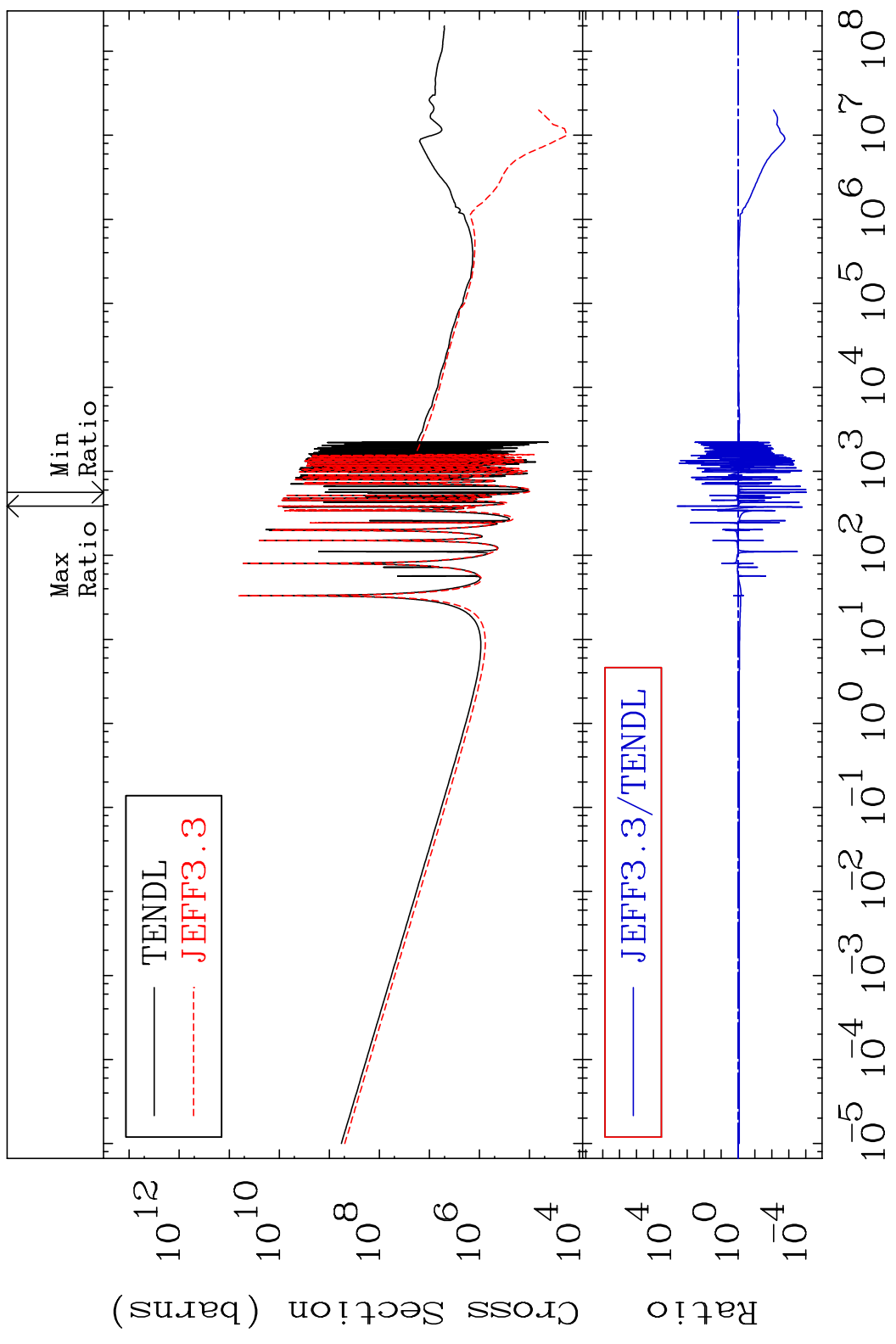
MAT 6437 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-156
 Cross Section -100.0 To 9999. %



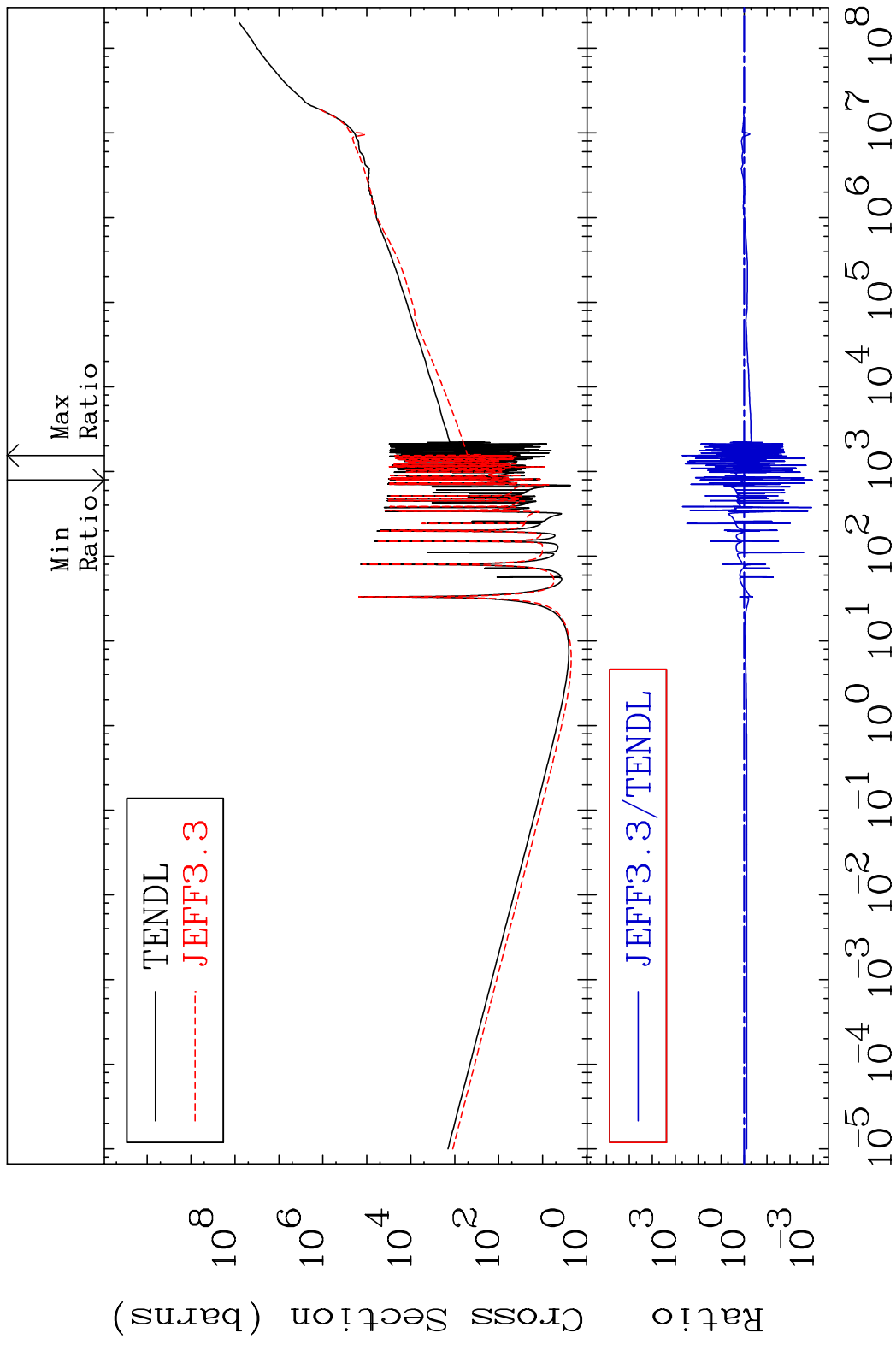


MAT 6437

Total photon (eV-barns) 64-Gd-156
Cross Section -99.99 To 9999. %



MAT 6437 Total kinematic kerma (high limit) 64-Gd-156
 Cross Section -99.90 To 9999. %

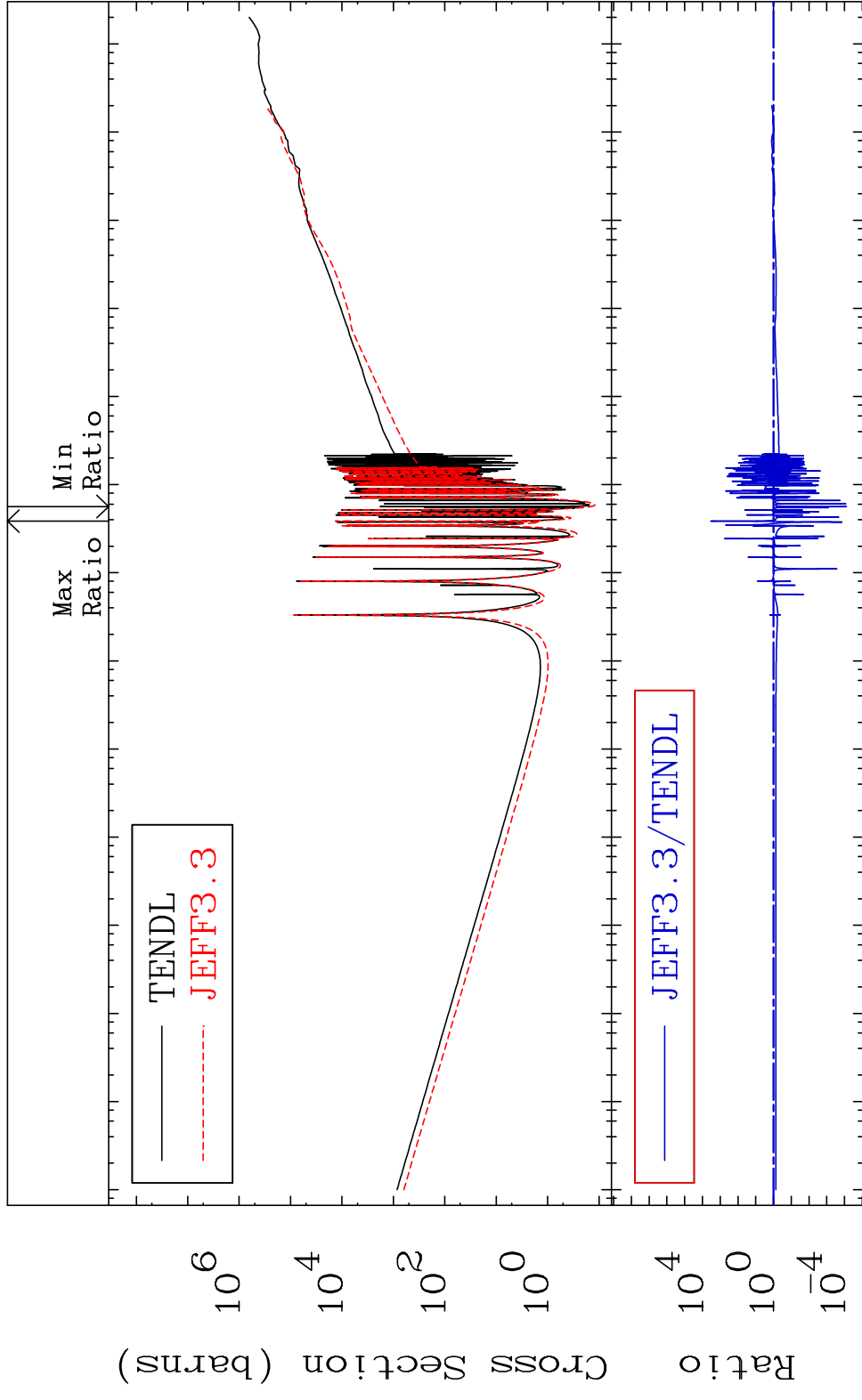


MAT 6437

Dpa total (eV-barns)

64-Gd-156

Cross Section -99.99 To 9999. %



40

Incident Energy (eV)

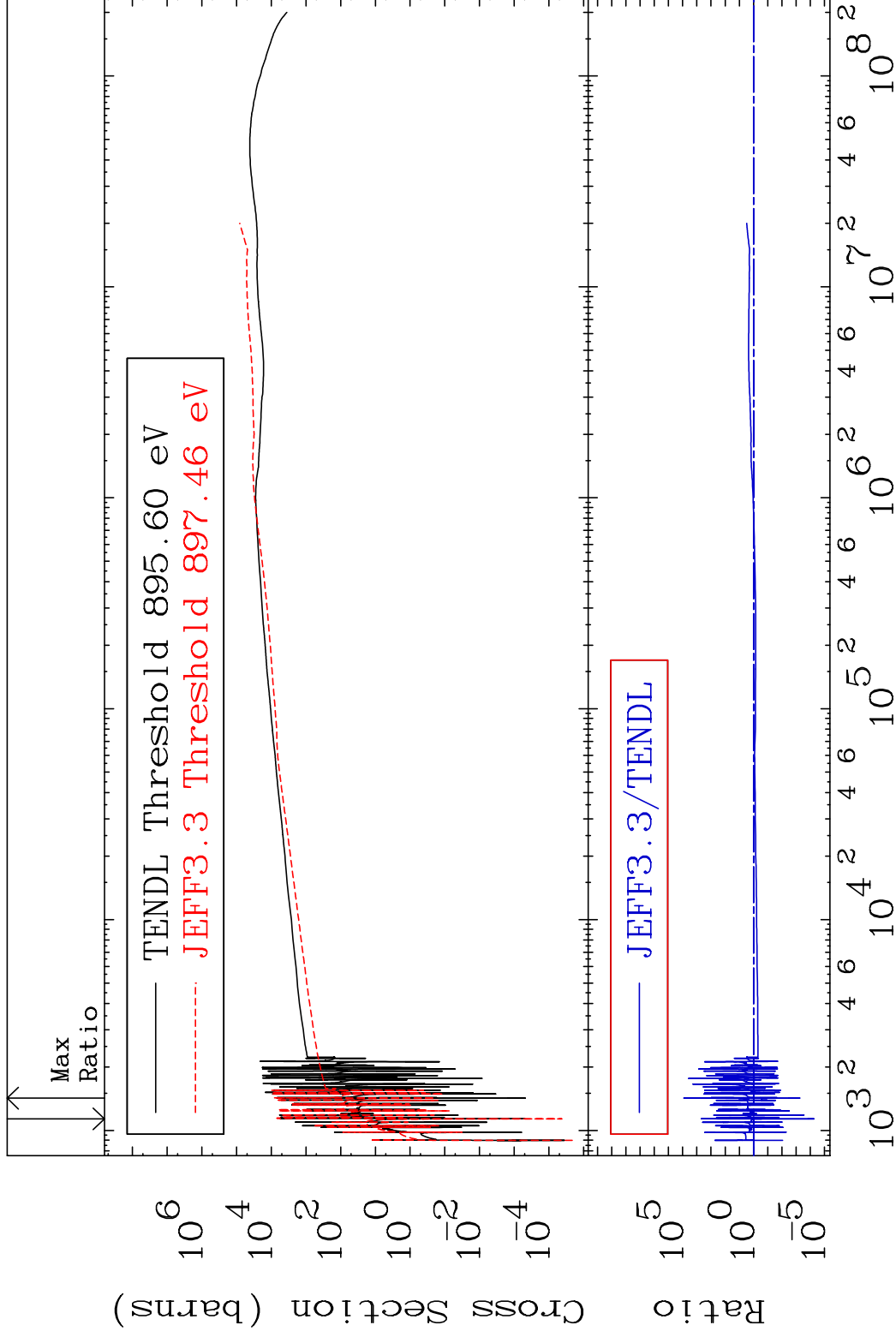
64-Gd-156

MAT 6437

Dpa elastic (mt2)

64-Gd-156

Cross Section -99.99 To 9999. %

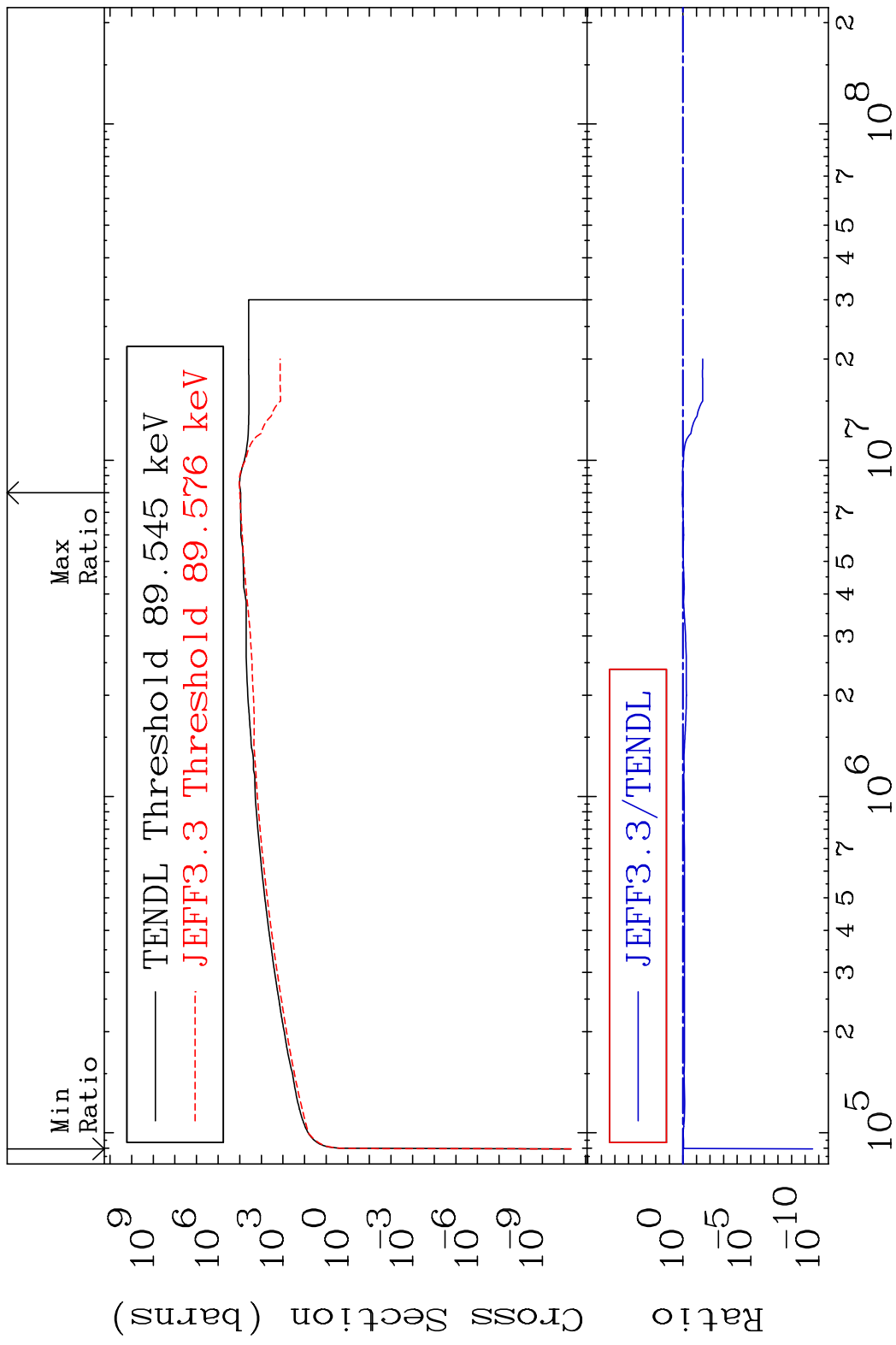


41

Incident Energy (eV)

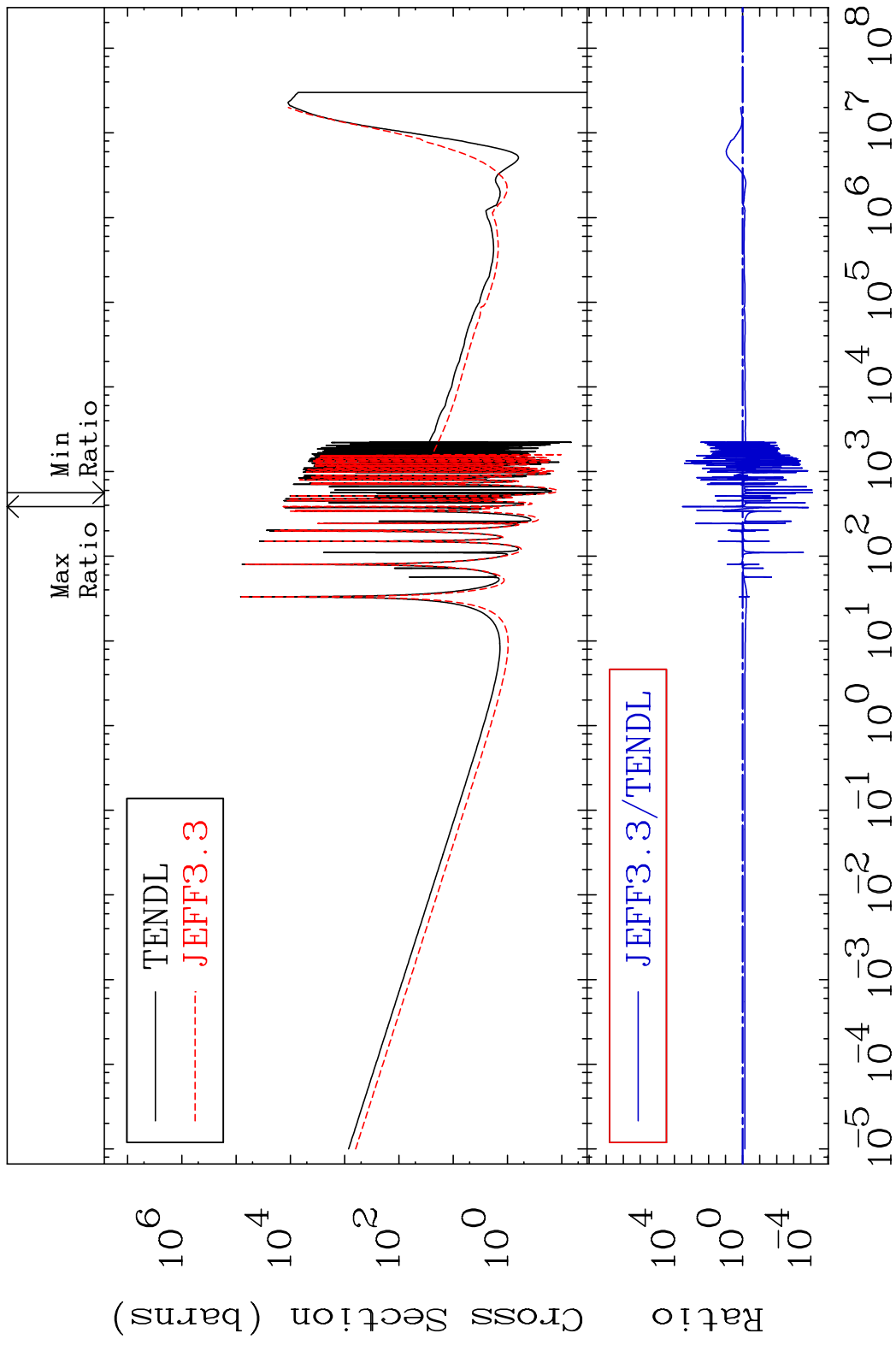
64-Gd-156

MAT 6437 Dpa inelastic (mt51-91) 64-Gd-156
 Cross Section -100.0 To 9.265 %

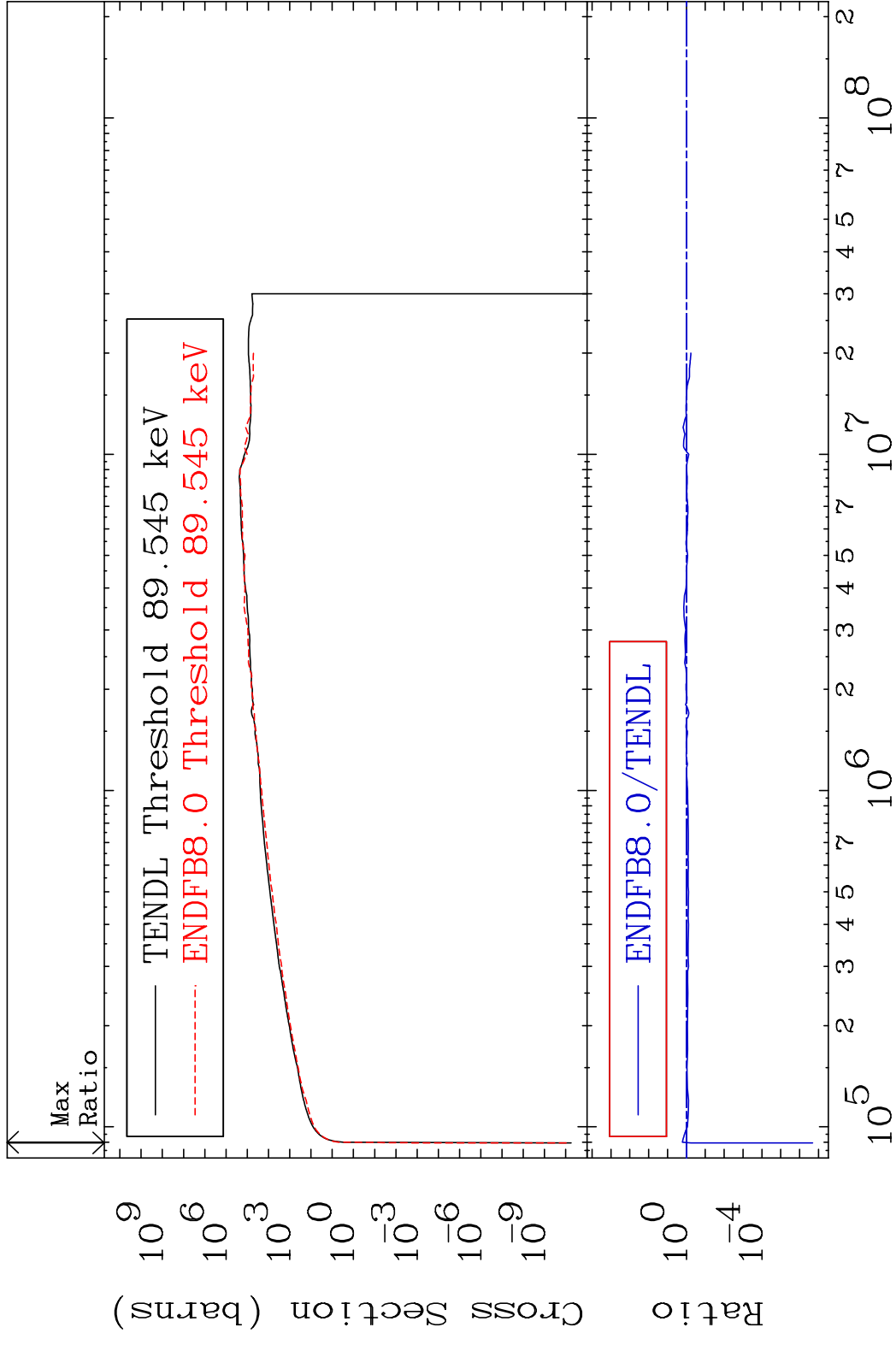


42 Incident Energy (eV) 64-Gd-156

MAT 6437 Dpa disappearance (mt102 -120) 64-Gd-156
 Cross Section -99.99 To 9999. %

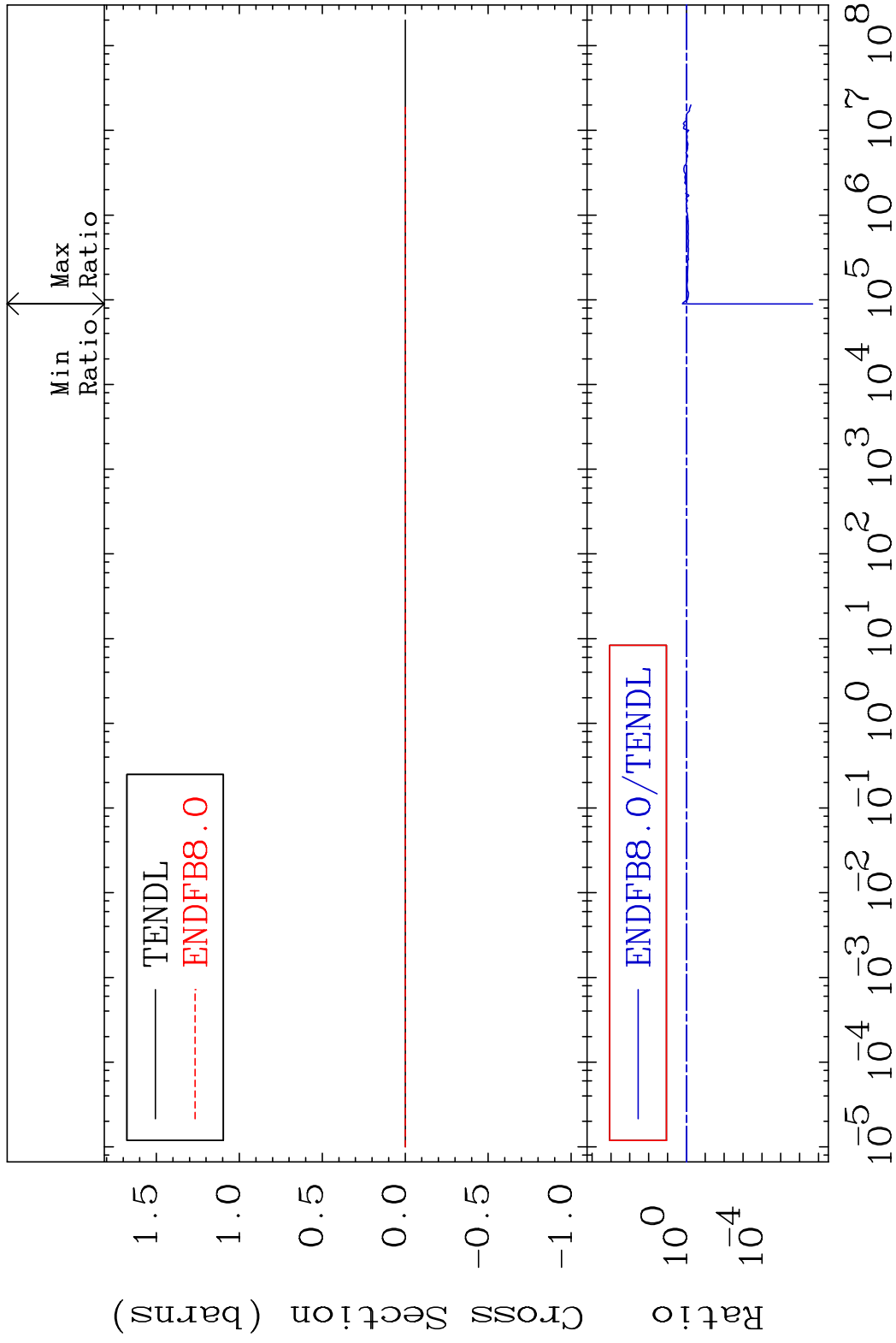


MAT 6437 Kerma inelastic (mt51-91) 64-Gd-156
 Cross Section -100.0 To 63.89 %



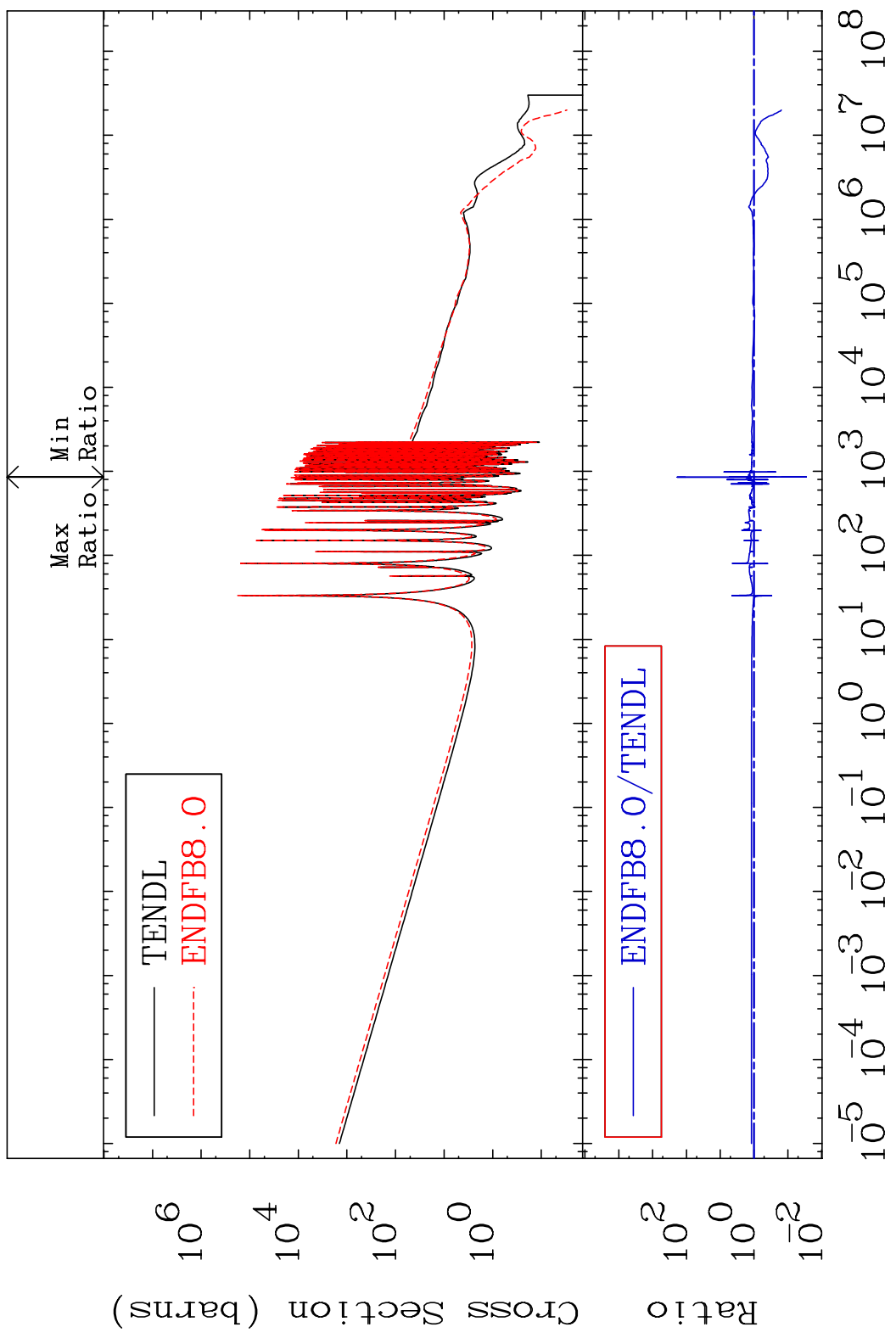
44 Incident Energy (eV) 64-Gd-156

MAT 6437 Kerma fission (mt18 or mt19-20-21-38) 64-Gd-156
 Cross Section -100.0 To 63.89 %



MAT 6437

Kerma capture (mt102) 64-Gd-156
Cross Section -97.18 To 9999. %

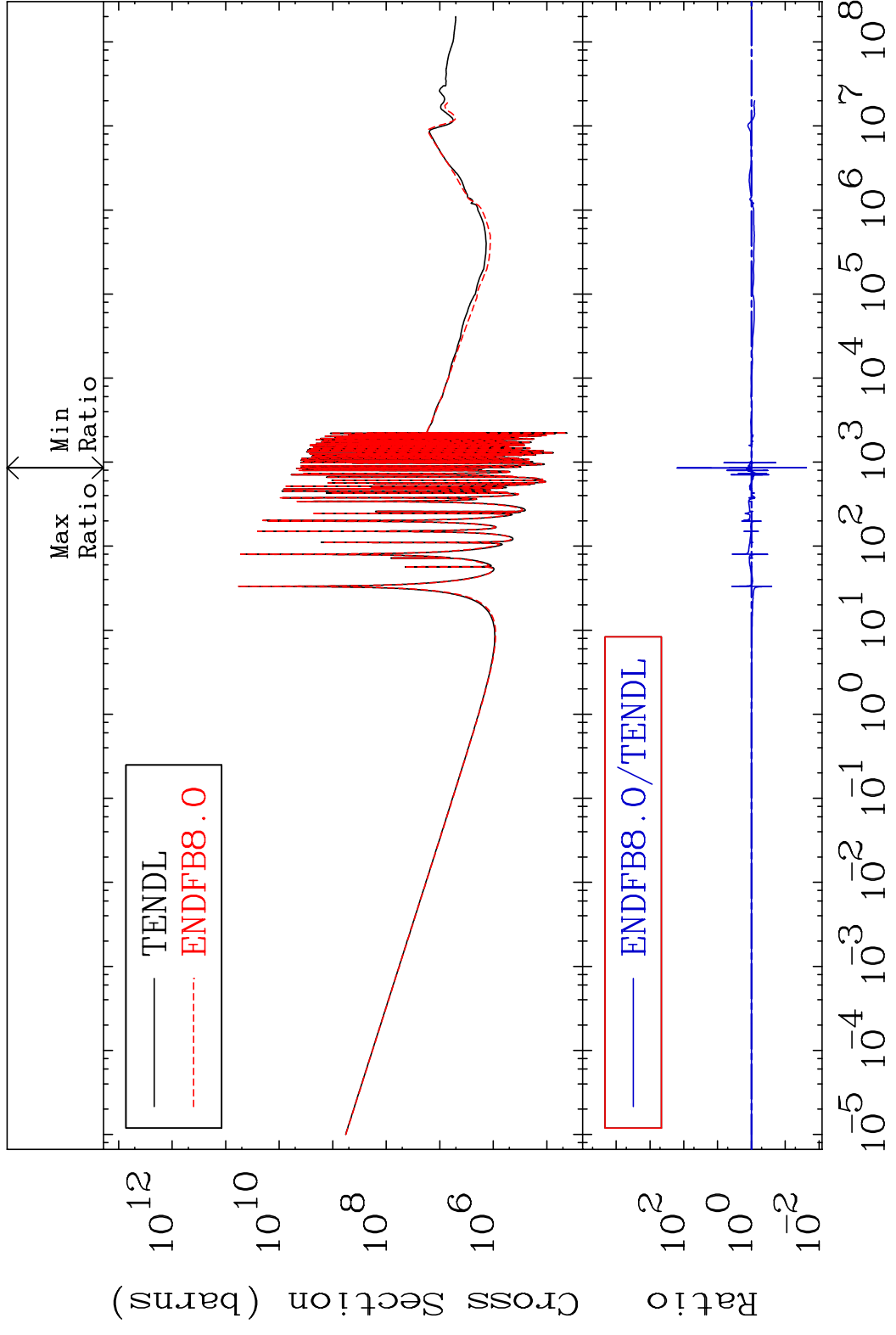


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Incident Energy (eV) 64-Gd-156

MAT 6437

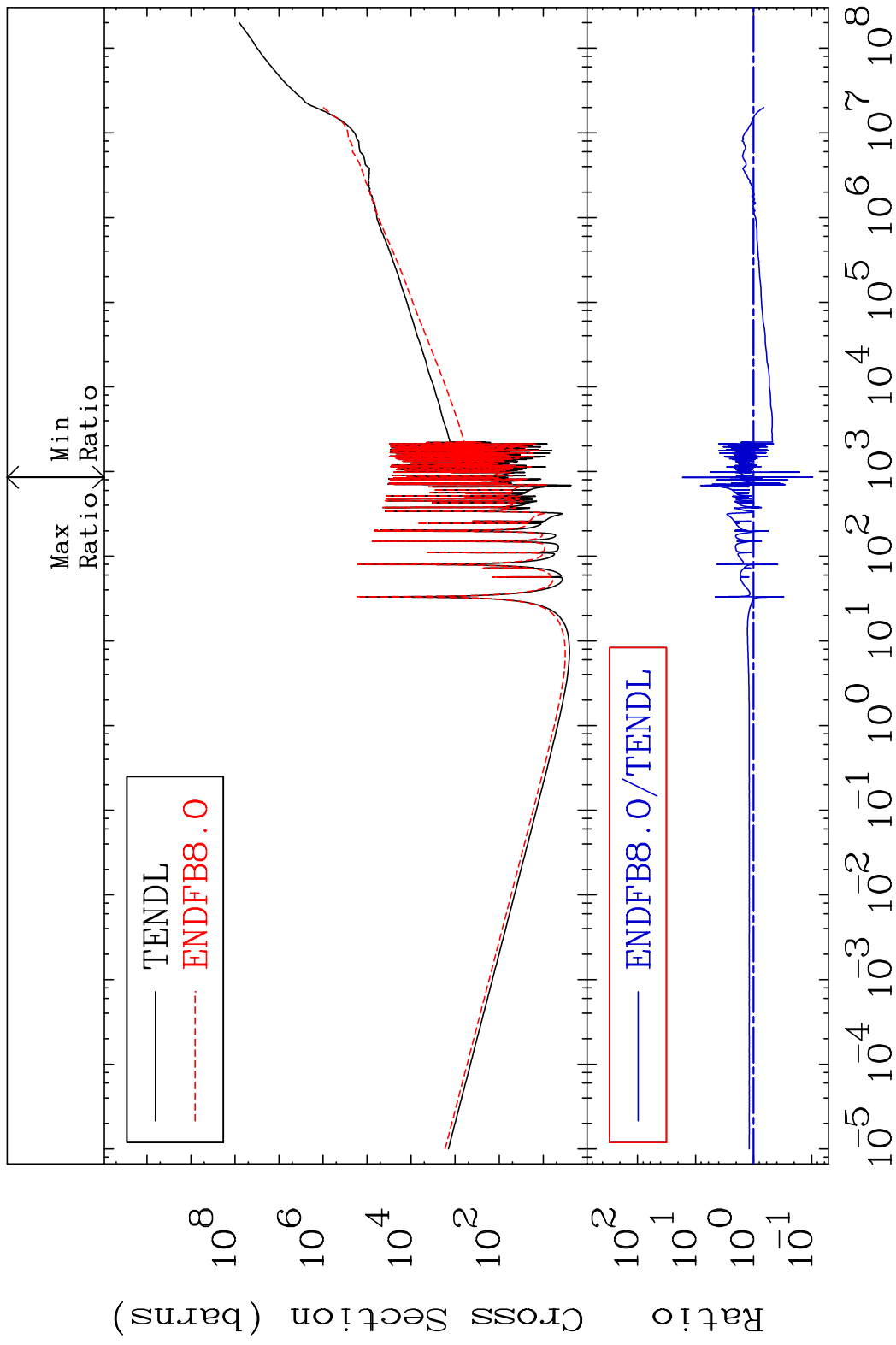
Total photon (eV-barns) 64-Gd-156
Cross Section -97.64 To 9999. %



47

Incident Energy (eV) 64-Gd-156

MAT 6437 Total kinematic kerma (high limit) 64-Gd-156
 Cross Section -90.34 To 1586. %

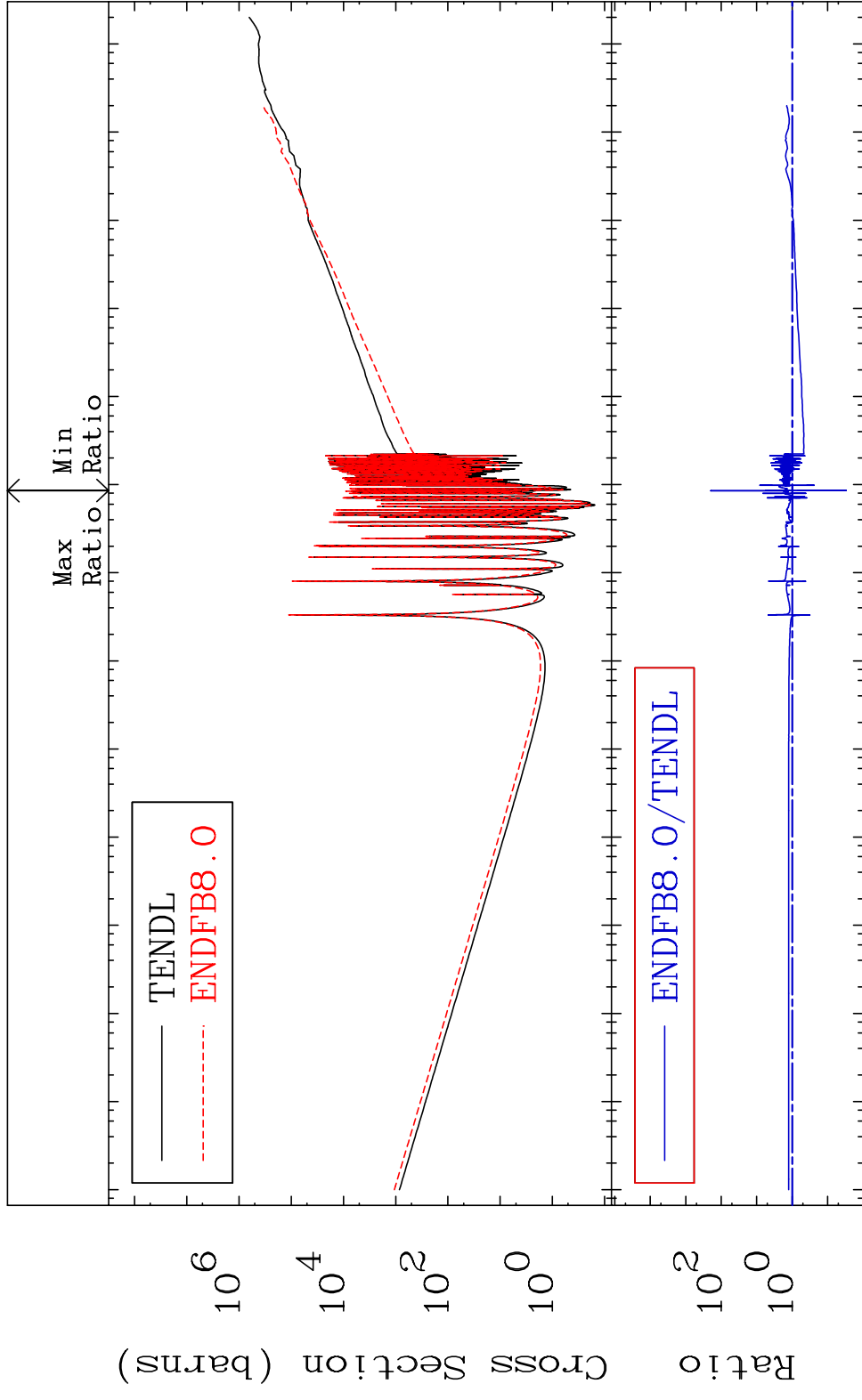


MAT 6437

Dpa total (eV-barns)

64-Gd-156

Cross Section -97.02 To 9999. %



49

Incident Energy (eV)

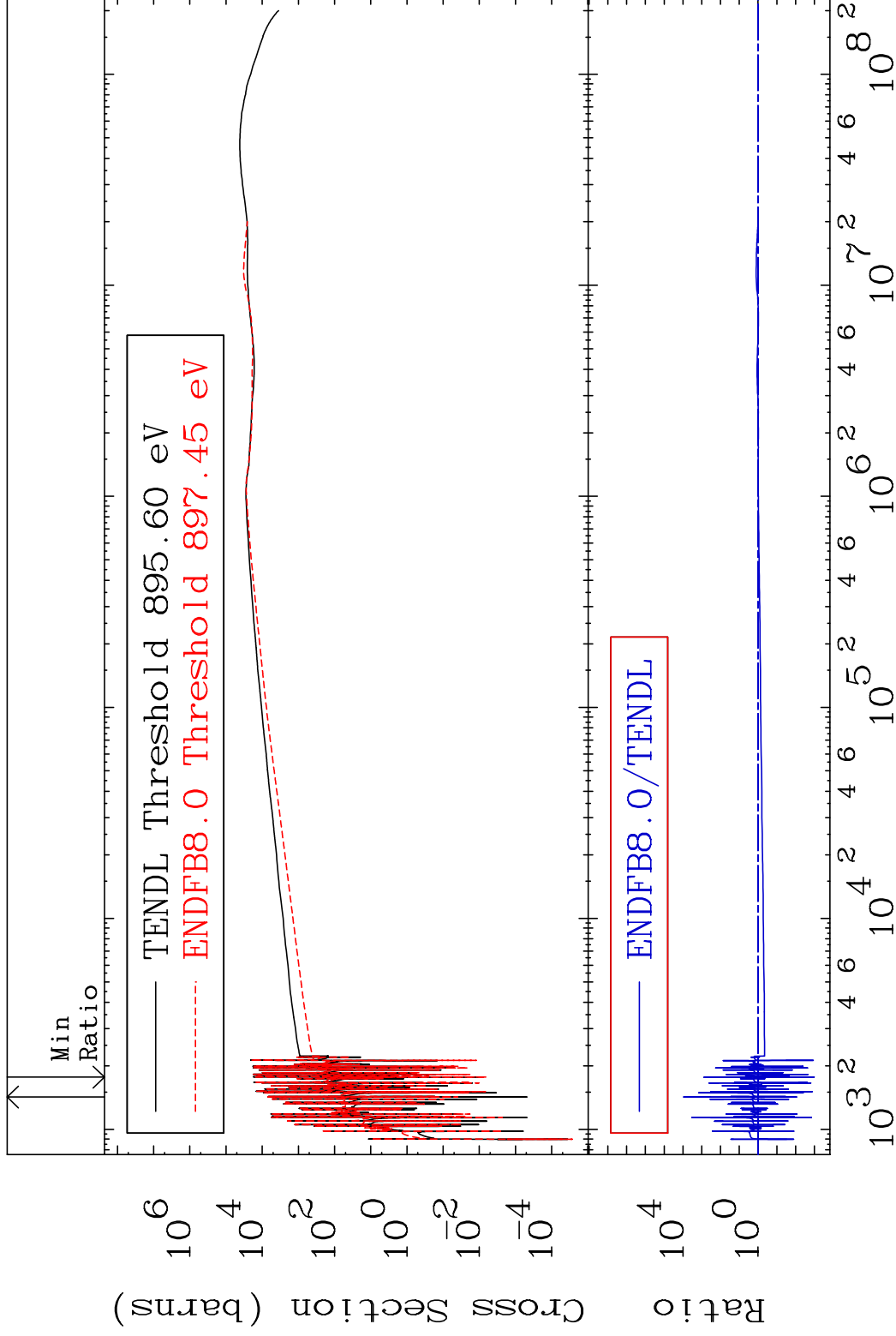
64-Gd-156

MAT 6437

Dpa elastic (mt2)

64-Gd-156

Cross Section -99.90 To 9999. %

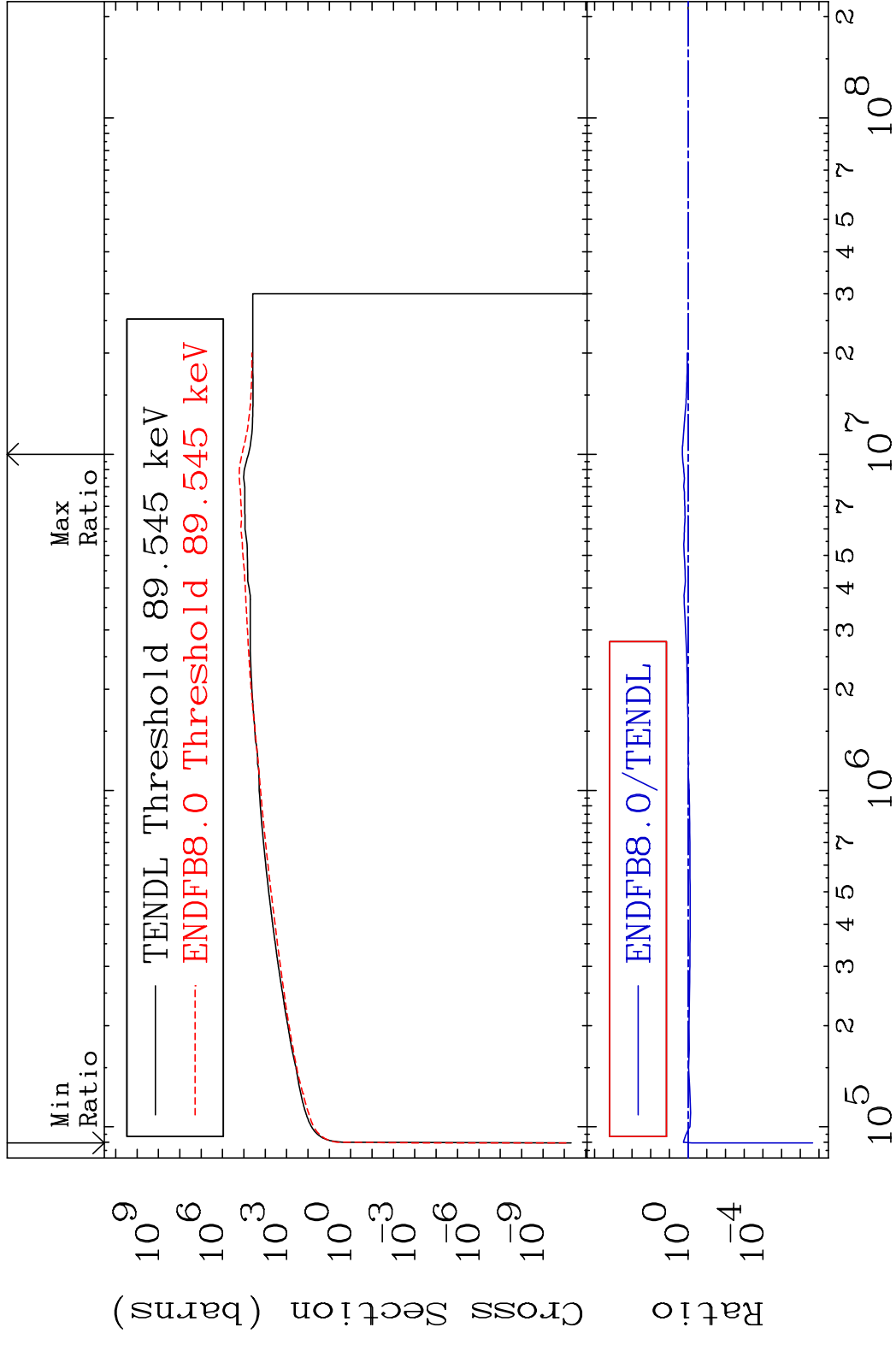


50

Incident Energy (eV)

64-Gd-156

MAT 6437 Dpa inelastic (mt51-91) 64-Gd-156
 Cross Section -100.0 To 101.7 %



MAT 6437 Dpa disappearance (mt102 -120) 64-Gd-156
 Cross Section -97.02 To 9999. %

