

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

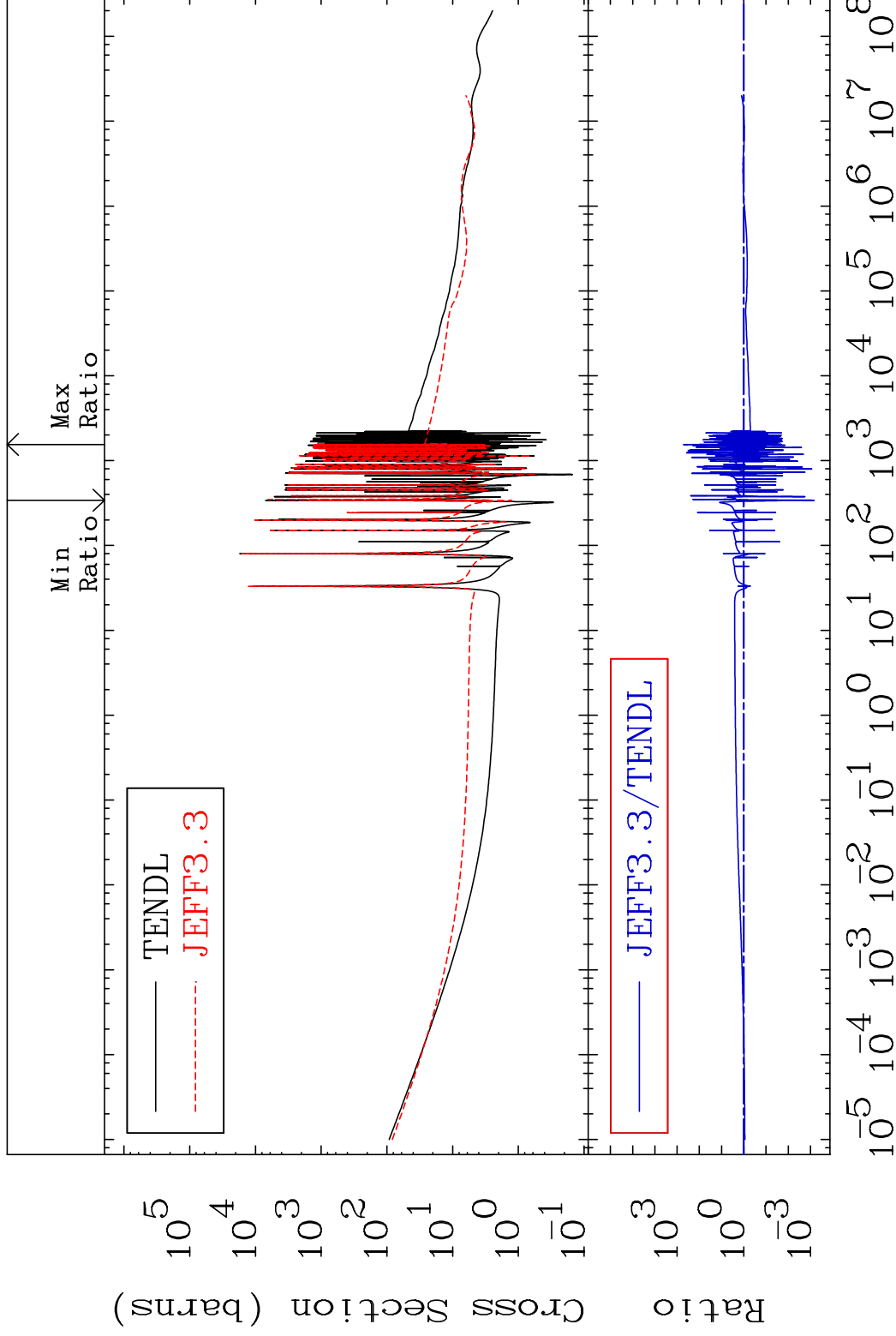
MAT 6437

Total

64-Gd-156

Cross Section

-99.93 To 9999. %



1

Incident Energy (eV)

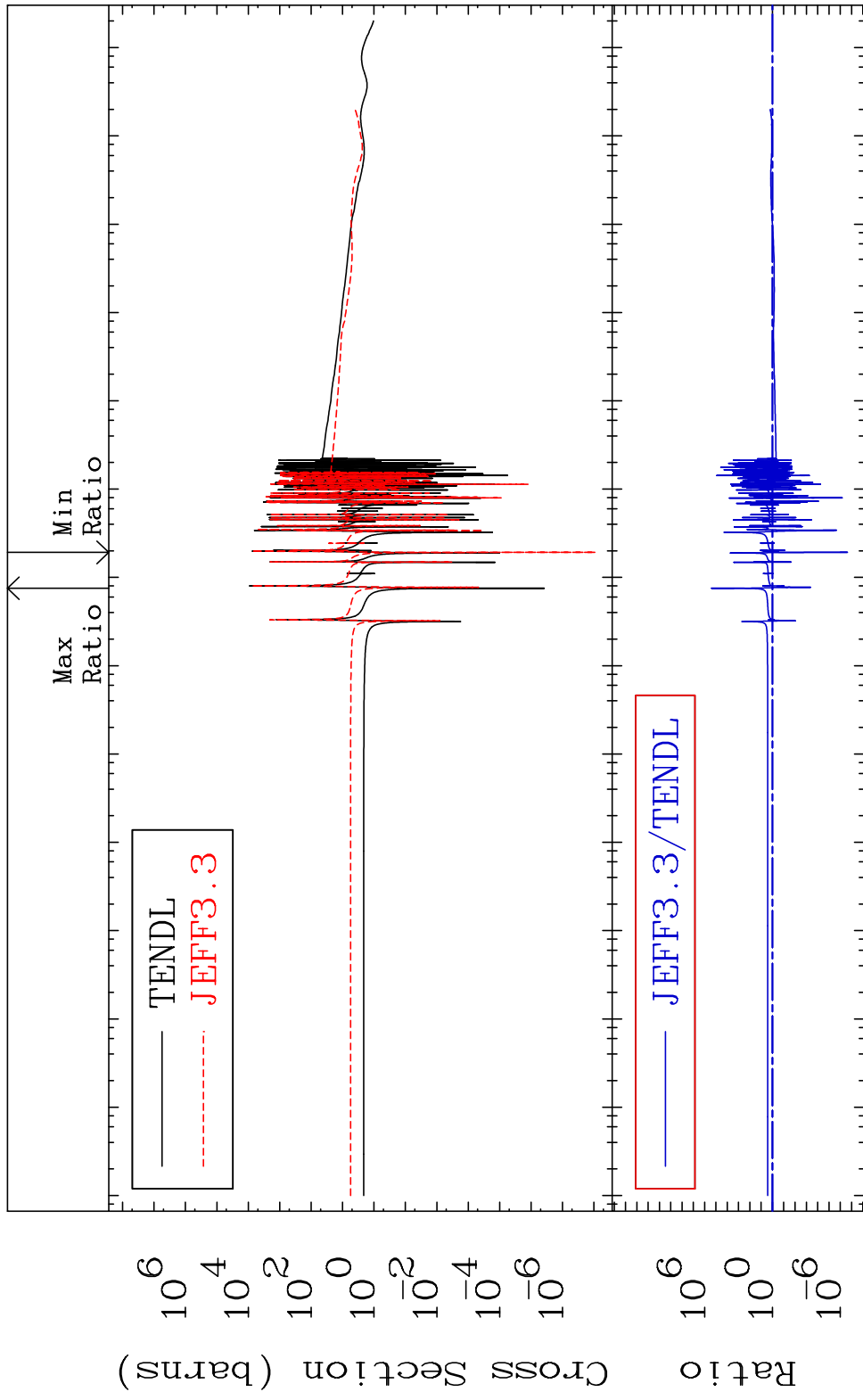
64-Gd-156

MAT 6437

Elastic

64-Gd-156

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

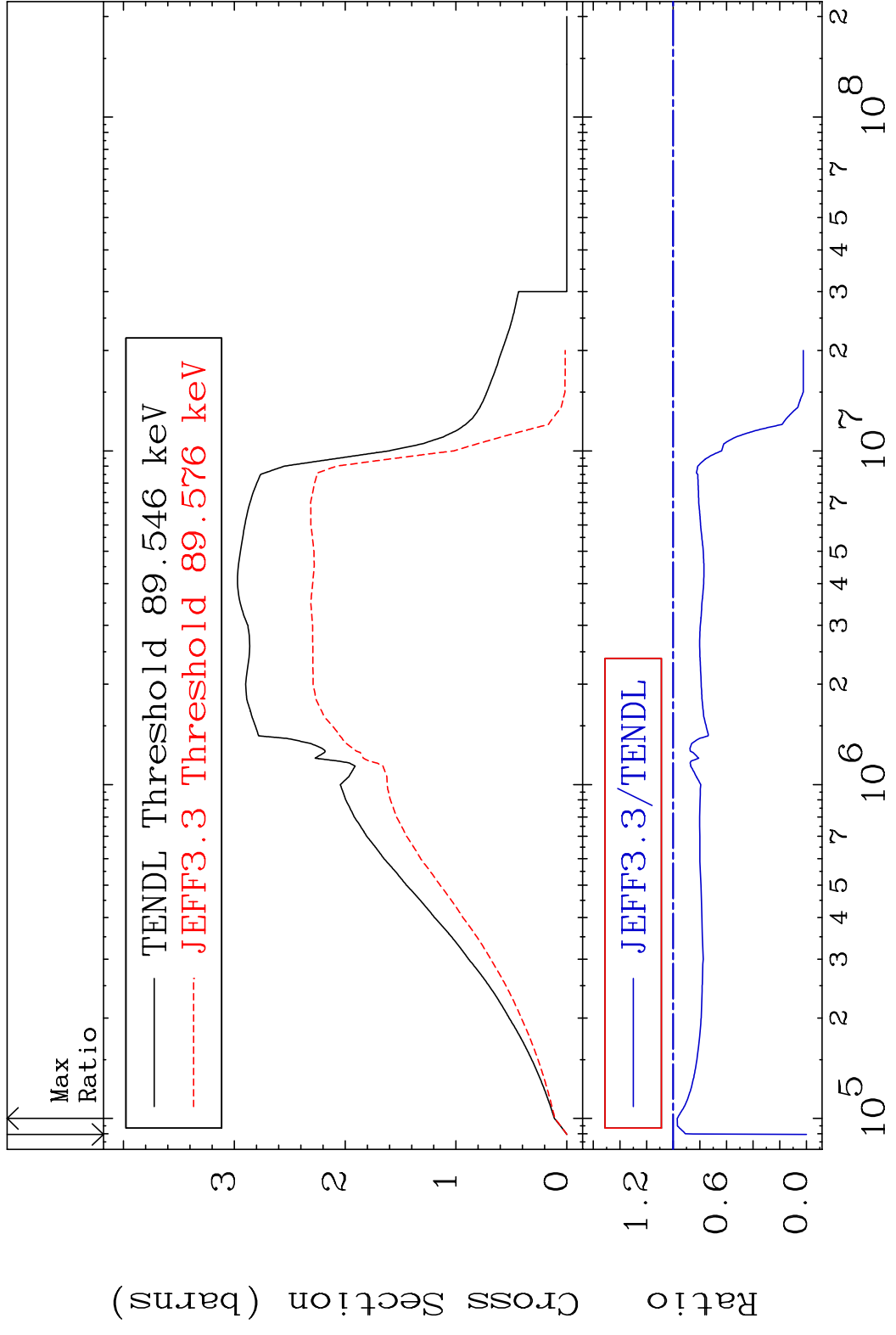
64-Gd-156

MAT 6437

Inelastic

64-Gd-156

Cross Section -100.0 To -2.983%



3

Incident Energy (eV)

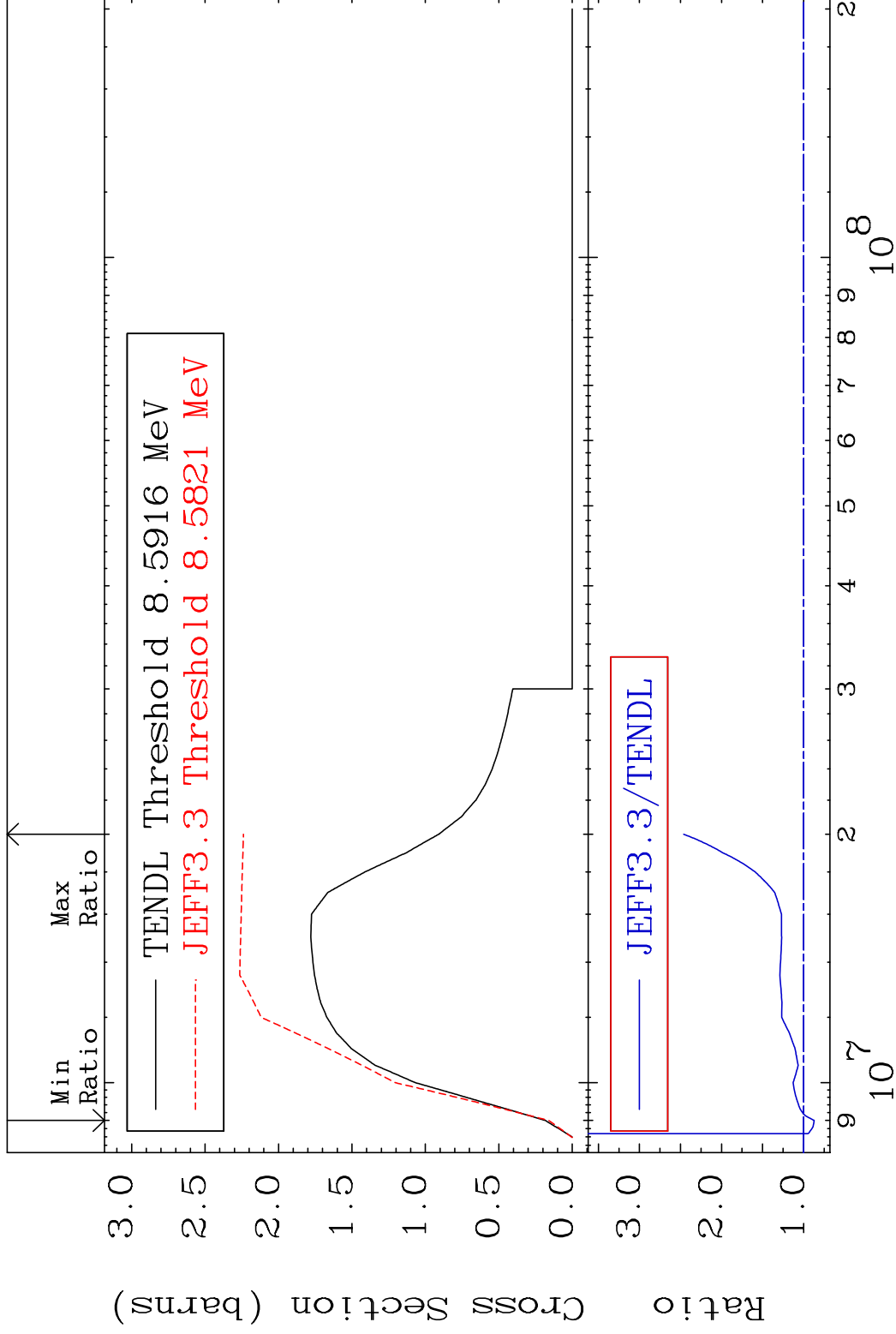
64-Gd-156

MAT 6437

(n,2n)

64-Gd-156

Cross Section -12.77 To 146.1 %

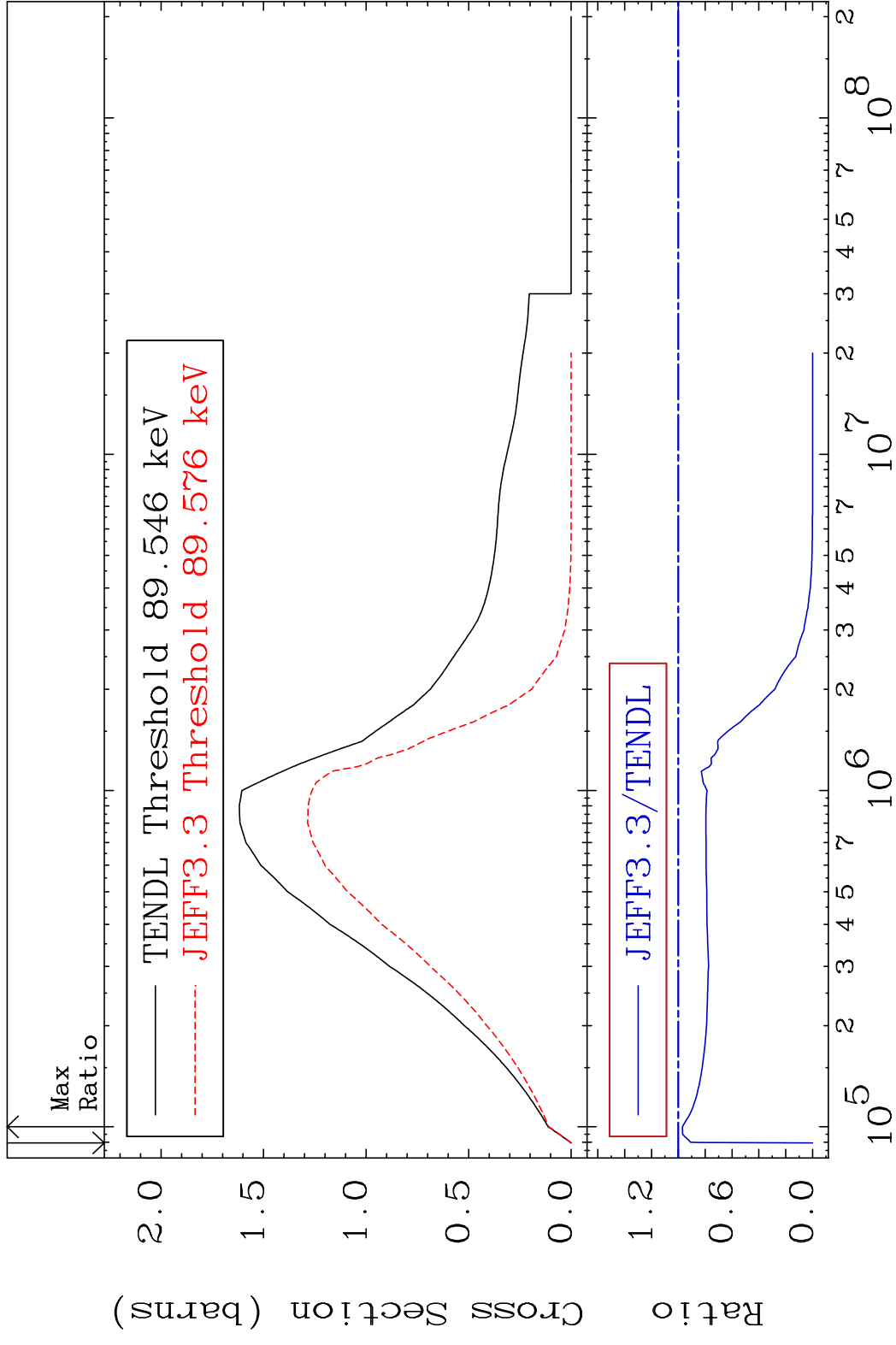


4

Incident Energy (eV)

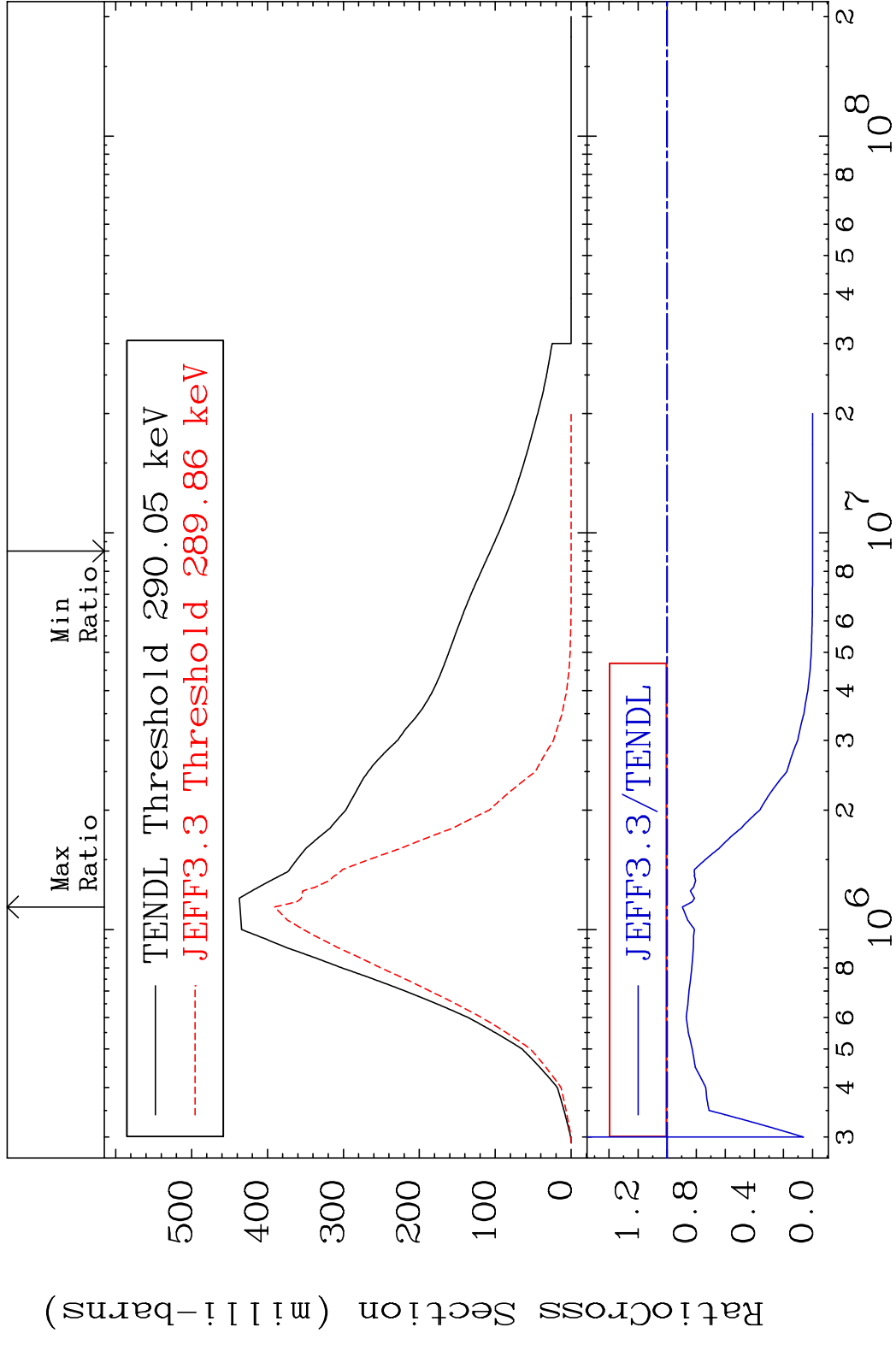
64-Gd-156

MAT 6437 MT= 51 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -2.983%

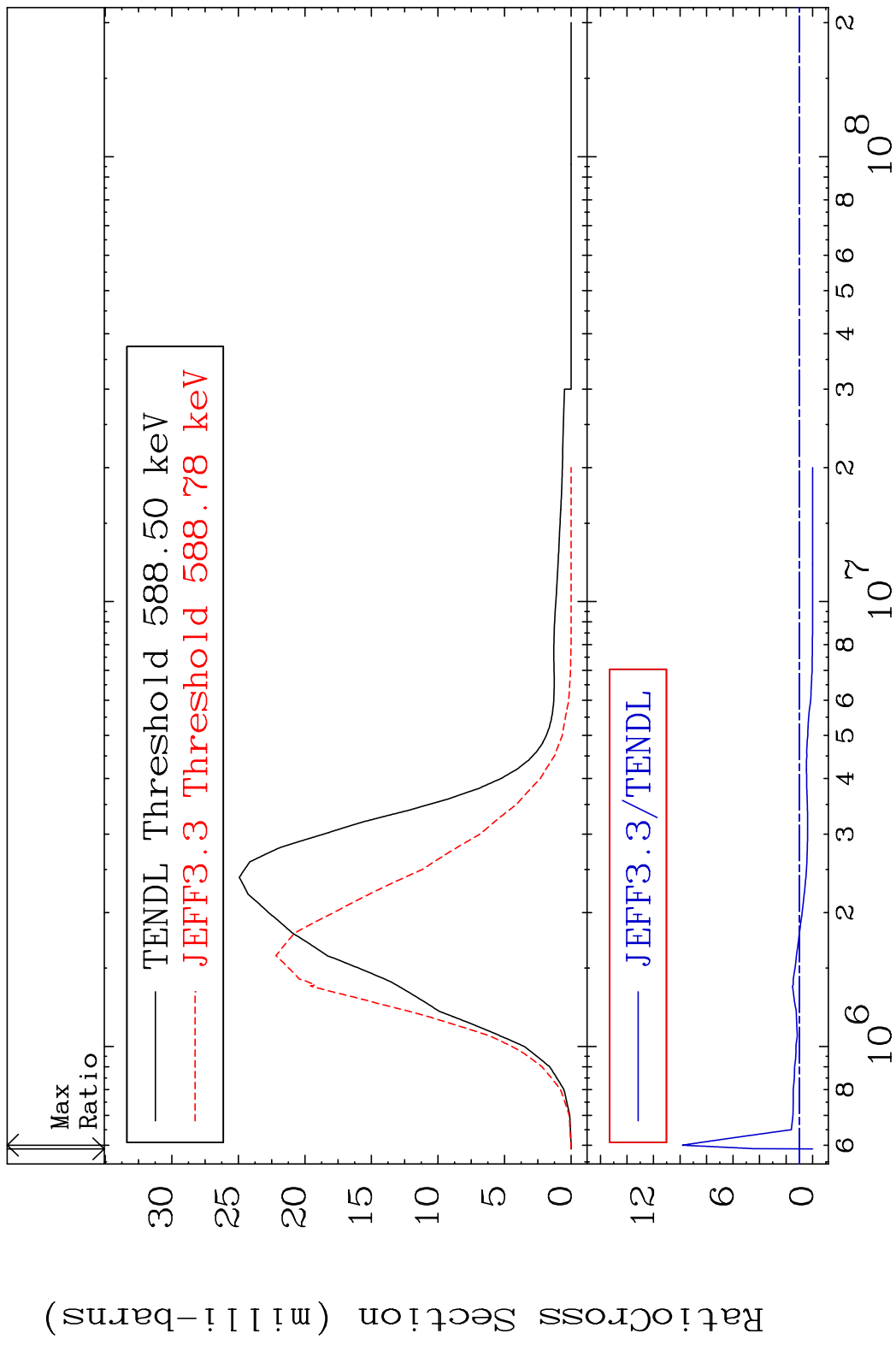


5 Incident Energy (eV) 64-Gd-156

MAT 6437 MT= 52 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -10.43%



MAT 6437 MT= 53 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 882.3 %



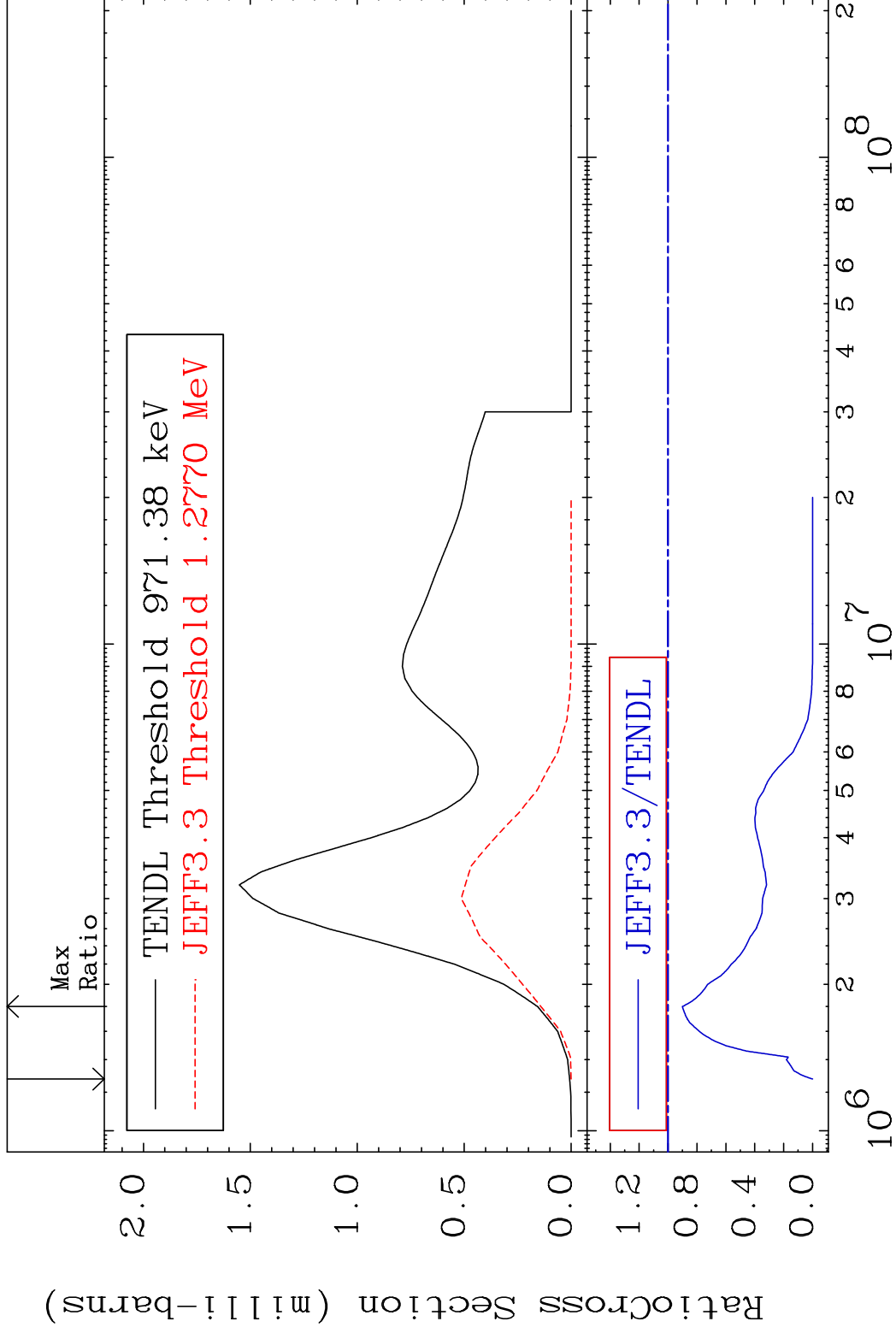
7 Incident Energy (eV) 64-Gd-156

MAT 6437

MT= 54 (n,n') Level

64-Gd-156

Cross Section -100.0 To -9.908%

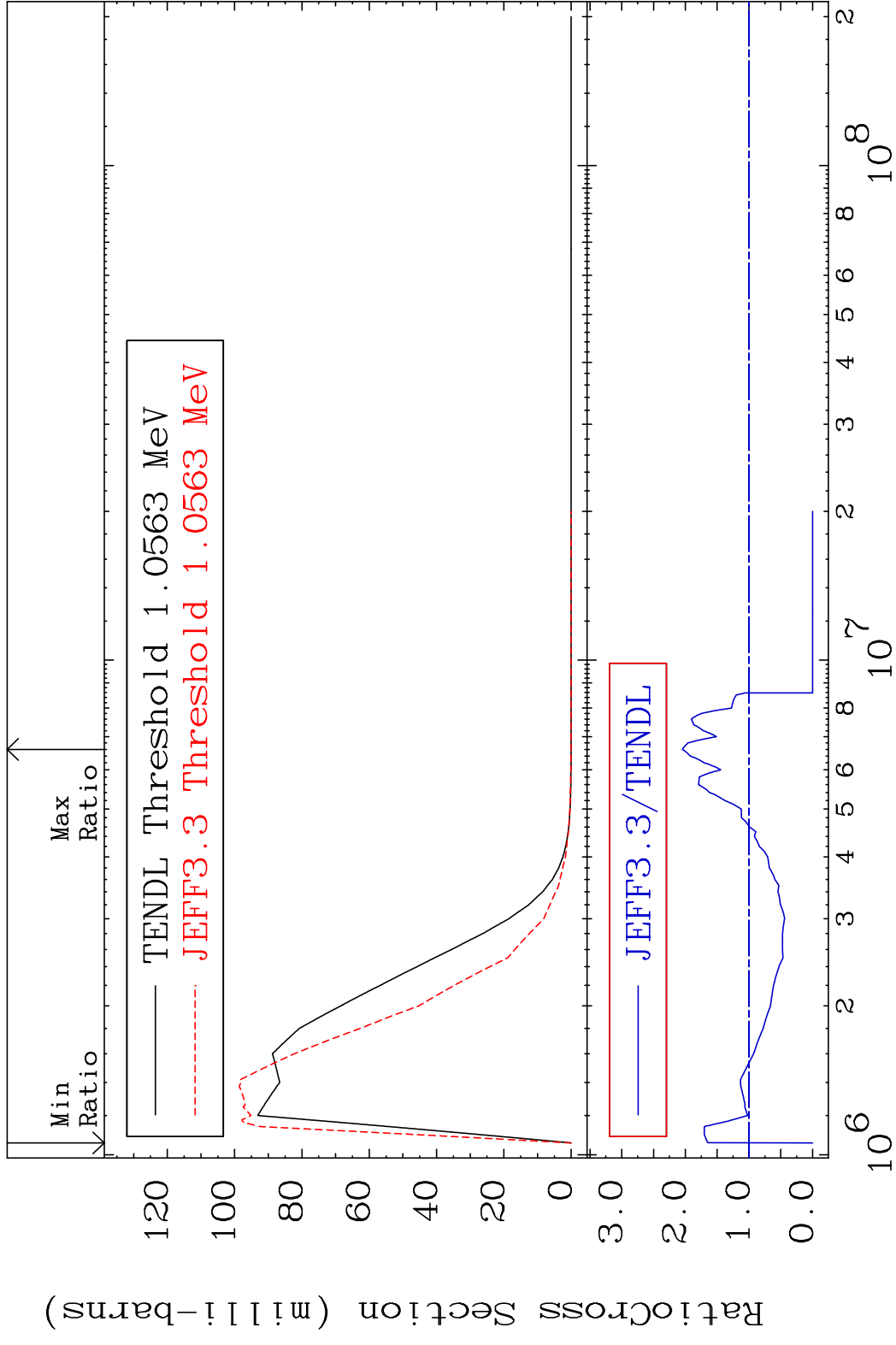


8

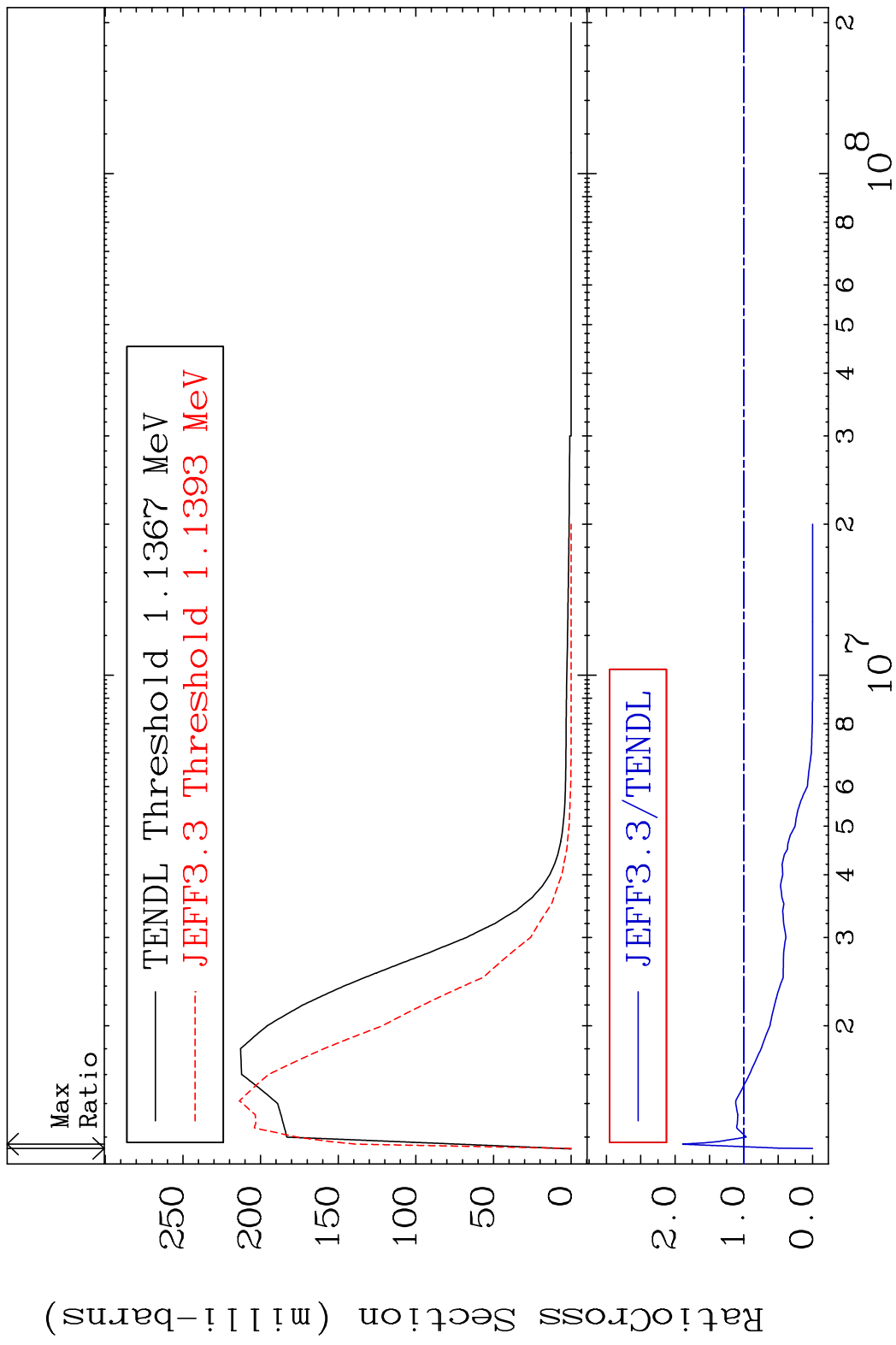
Incident Energy (eV)

64-Gd-156

MAT 6437 MT= 55 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 104.7 %

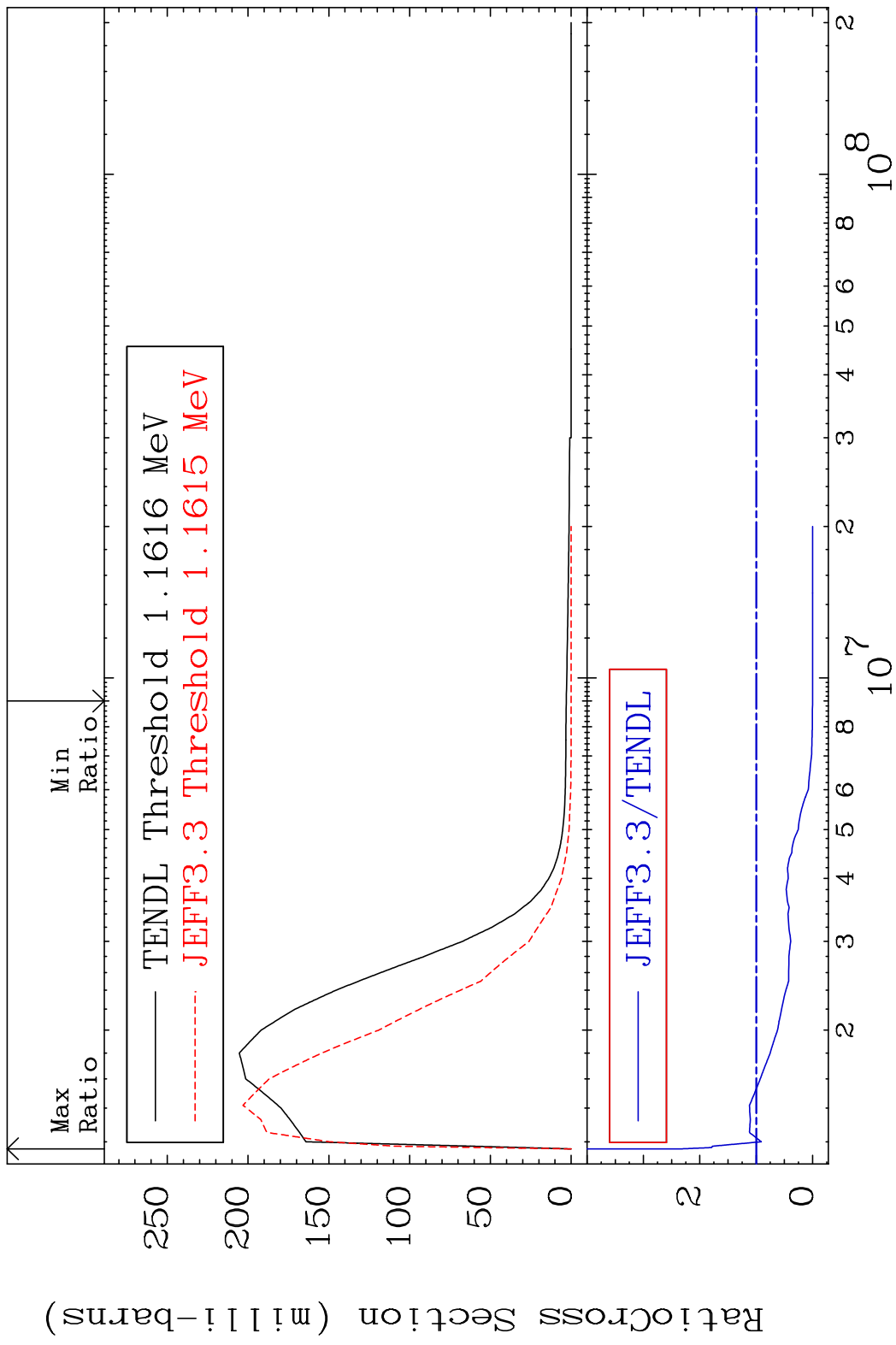


MAT 6437 MT= 56 (n,n') Level 64-Gd-156
 Cross Section -100.0 To 89.46 %

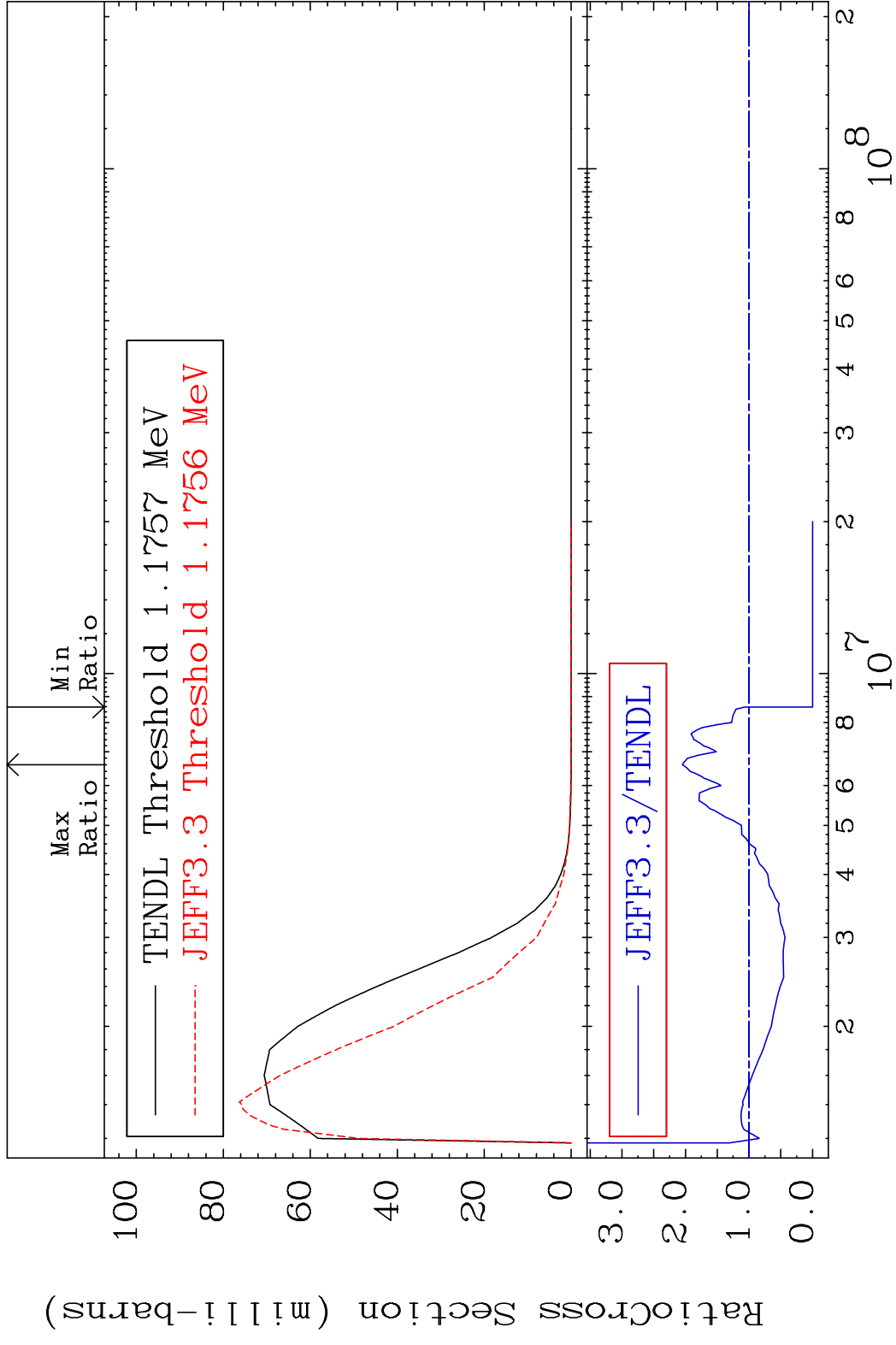


10 Incident Energy (eV) 64-Gd-156

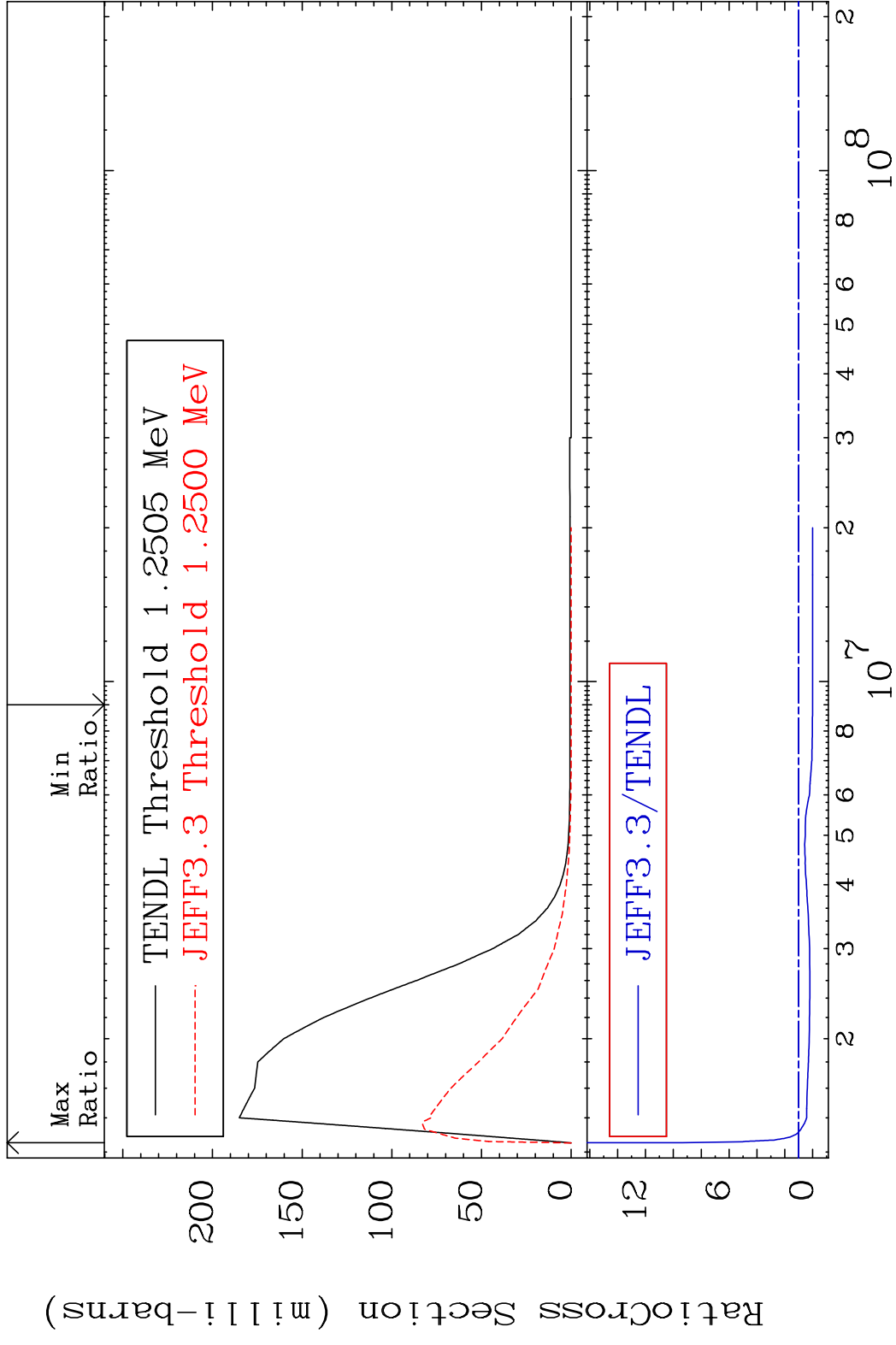
MAT 6437 MT= 57 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 131.0 %



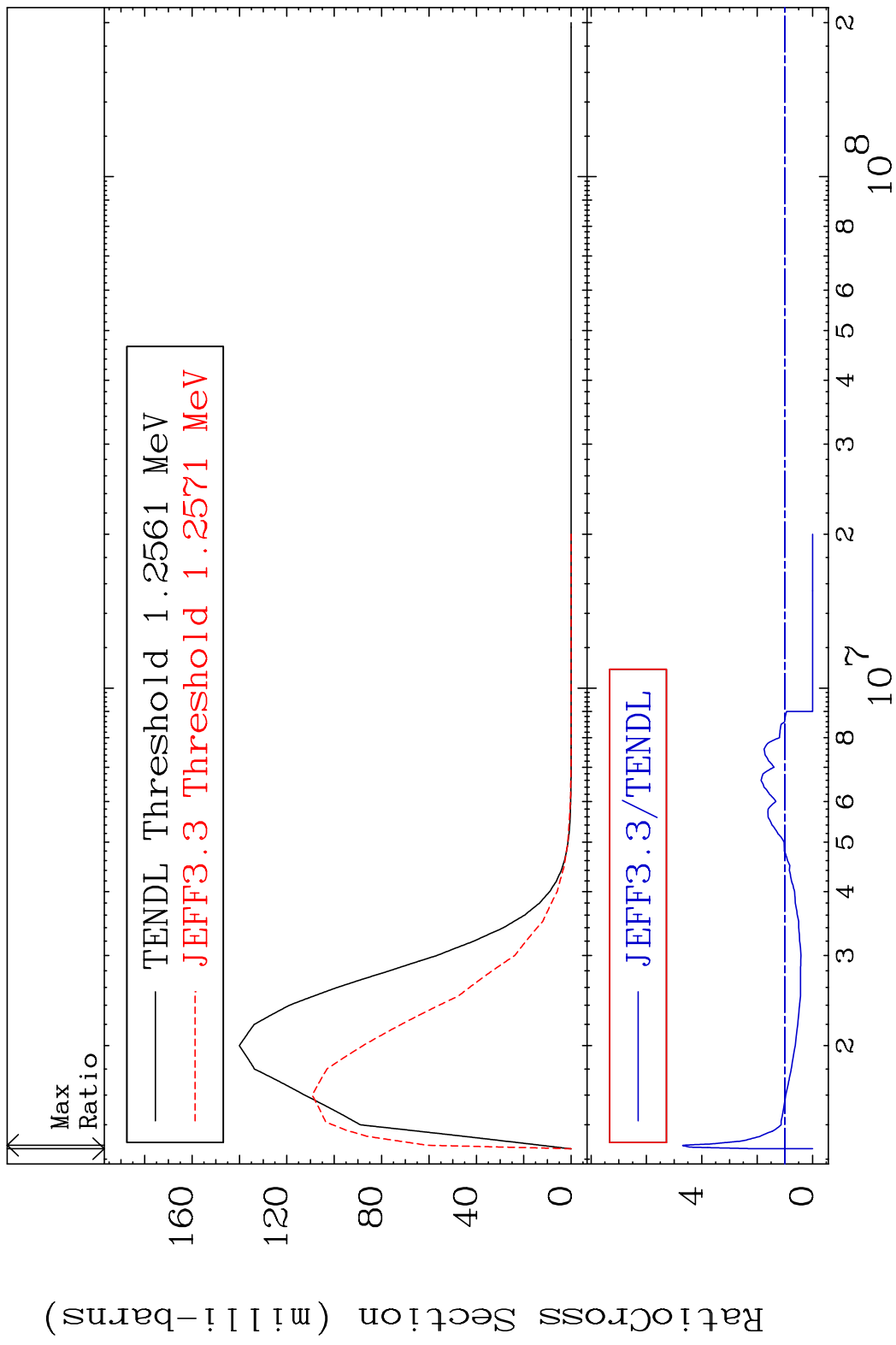
MAT 6437 MT= 58 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 104.9 %



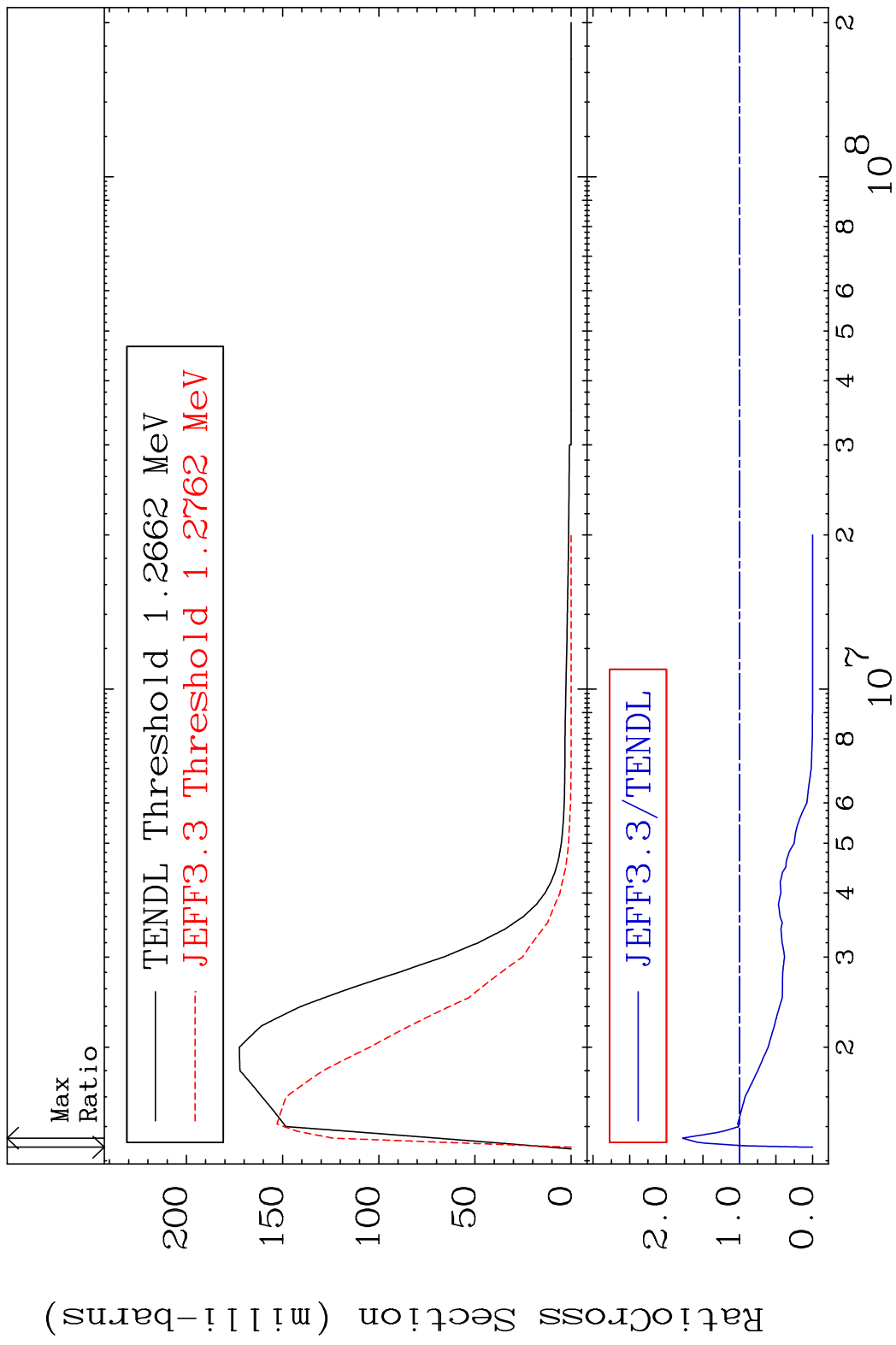
MAT 6437 MT= 59 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 835.5 %



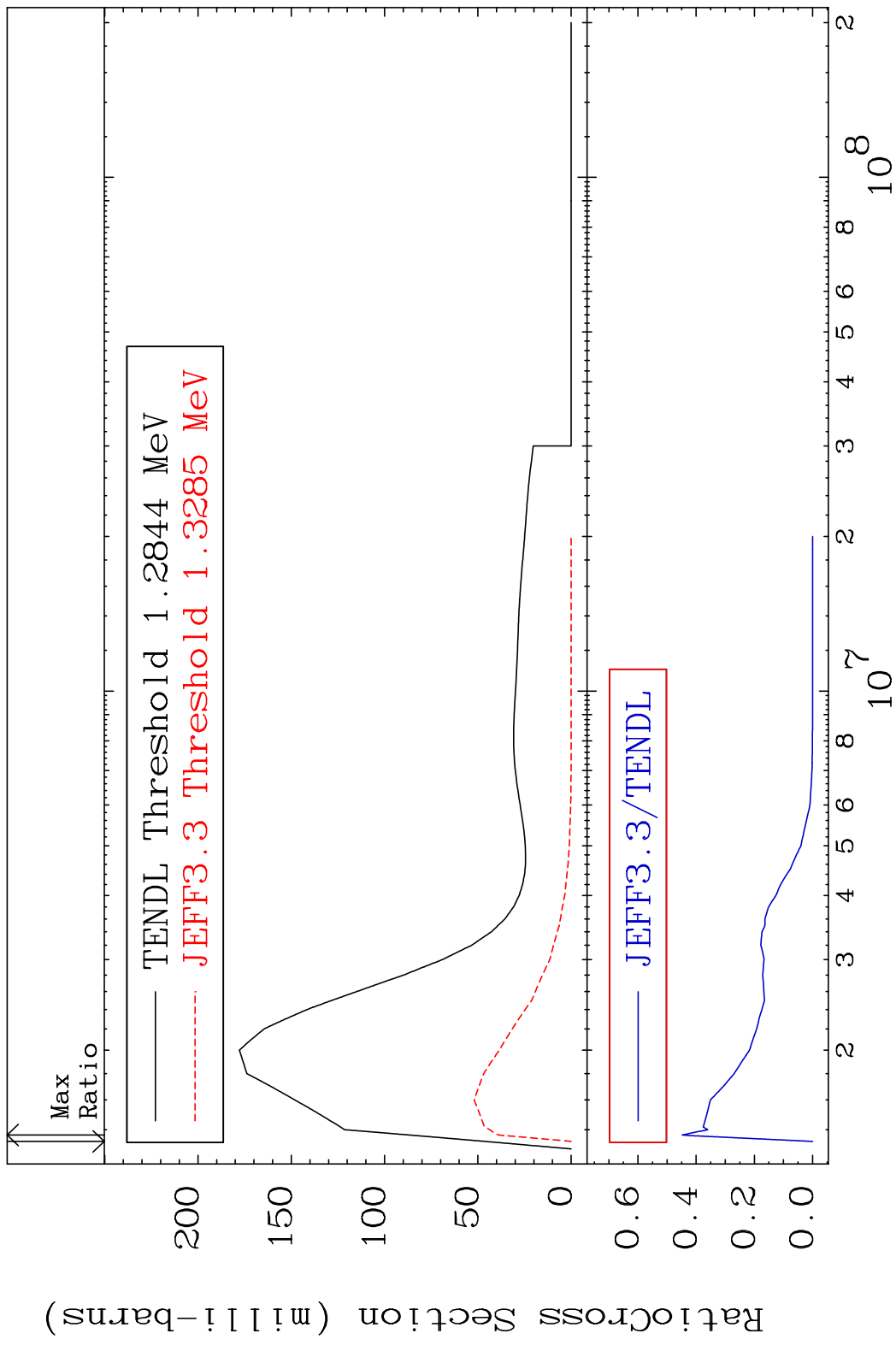
MAT 6437 MT= 60 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 370.3 %



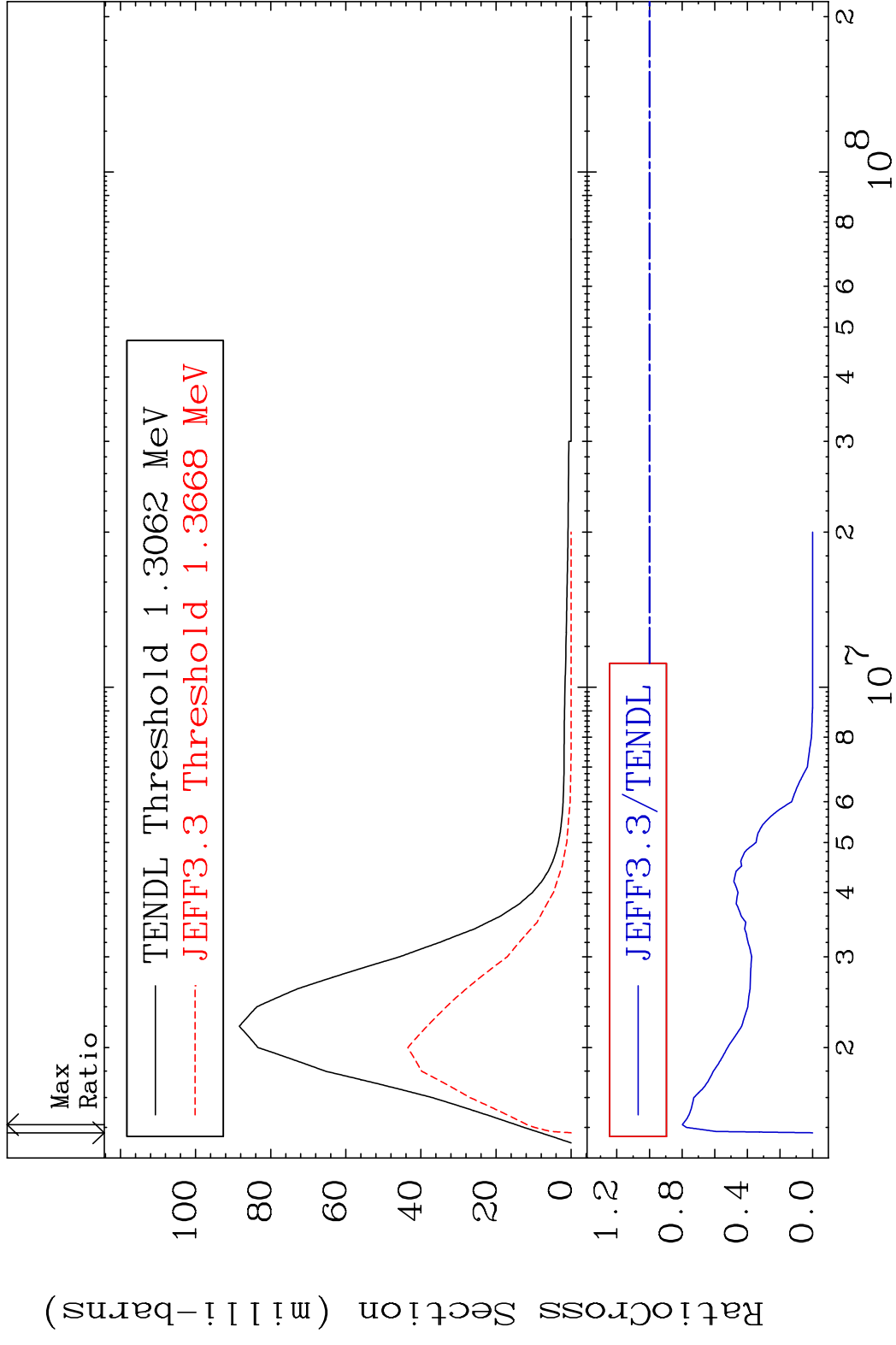
MAT 6437 MT= 61 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 77.98 %



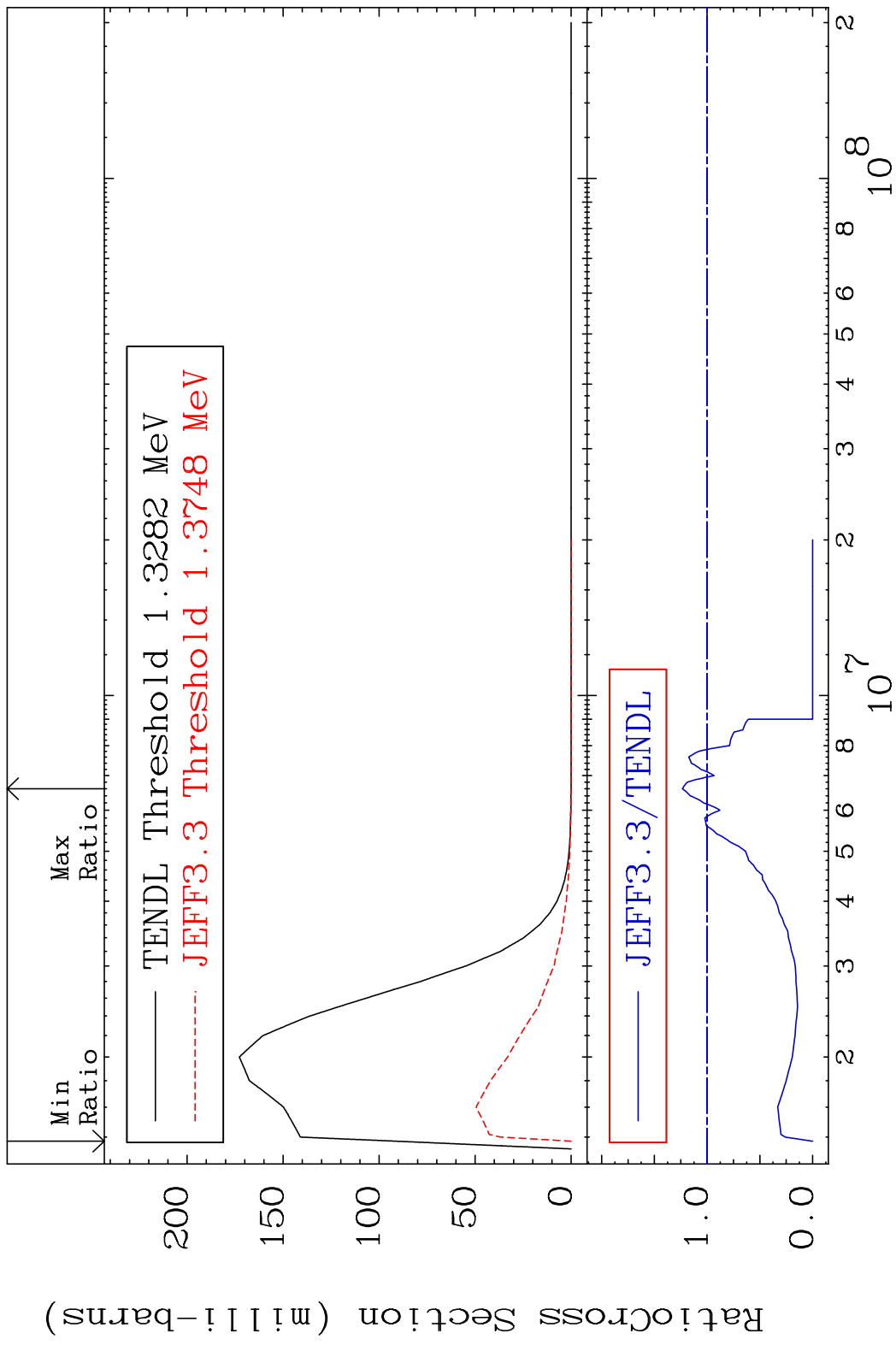
MAT 6437 MT= 62 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -55.26%



MAT 6437 MT= 63 (n, n') Level 64-Gd-156
 Cross Section -100.0 To -20.18%



MAT 6437 MT= 64 (n, n') Level 64-Gd-156
 Cross Section -100.0 To 23.46 %

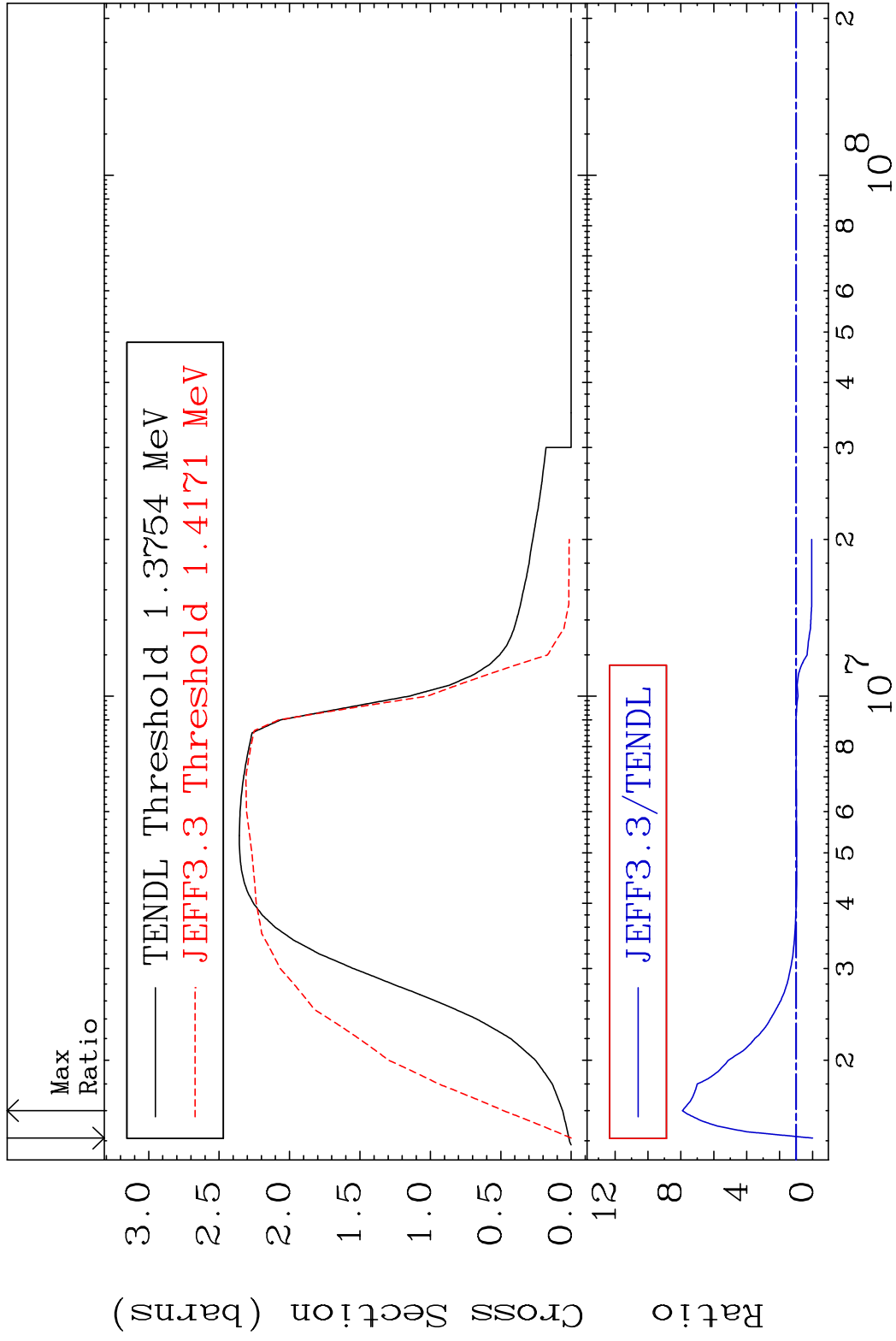


MAT 6437

(n, n') Continuum

64-Gd-156

Cross Section -100.0 To 690.9 %

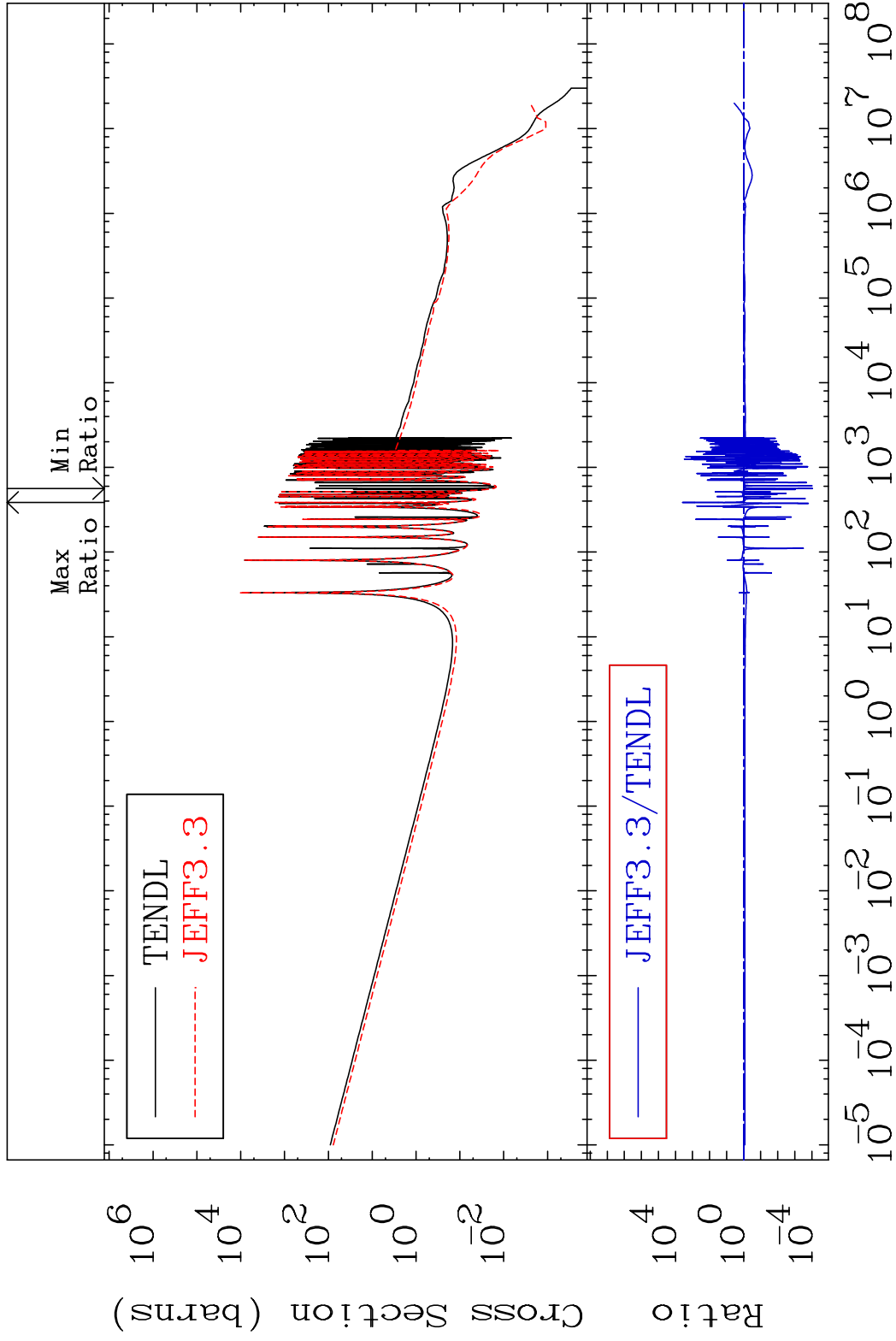


MAT 6437

(n, γ)

64-Gd-156

Cross Section -99.99 To 9999. %



20

Incident Energy (eV)

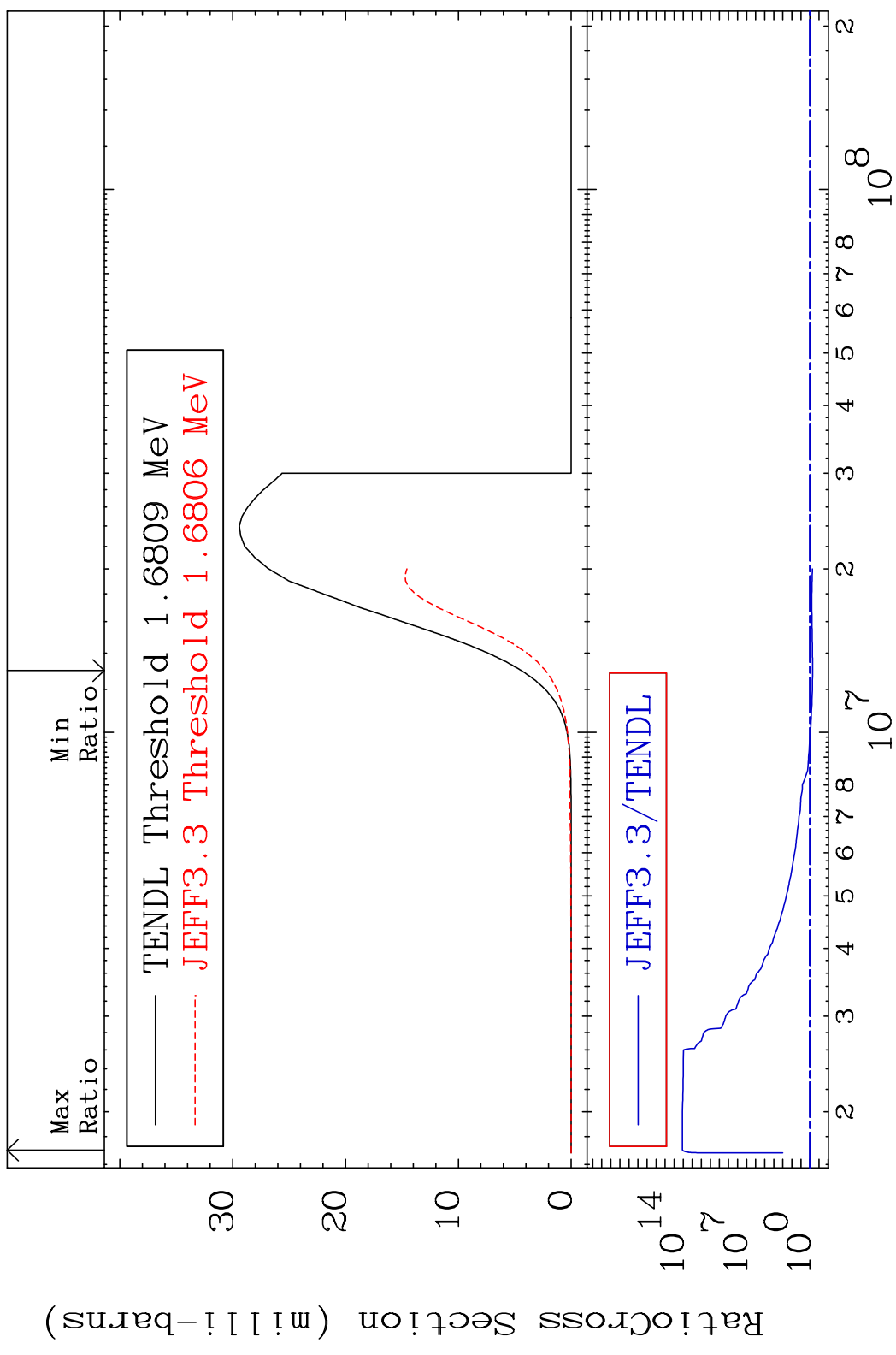
64-Gd-156

MAT 6437

(n,p)

64-Gd-156

Cross Section -48.28 To 9999. %

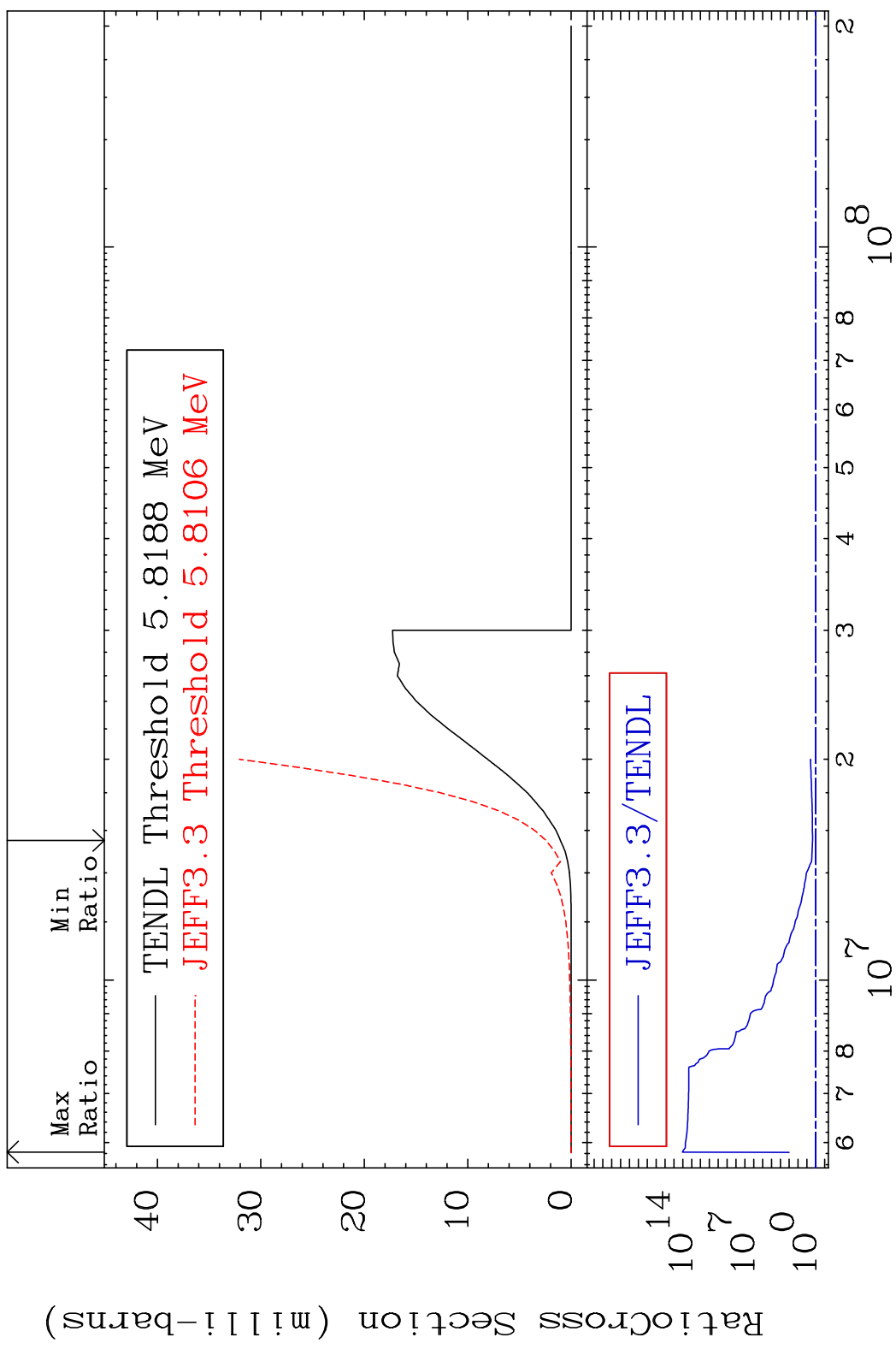


MAT 6437

(n,d)

64-Gd-156

Cross Section 134.9 To 9999. %

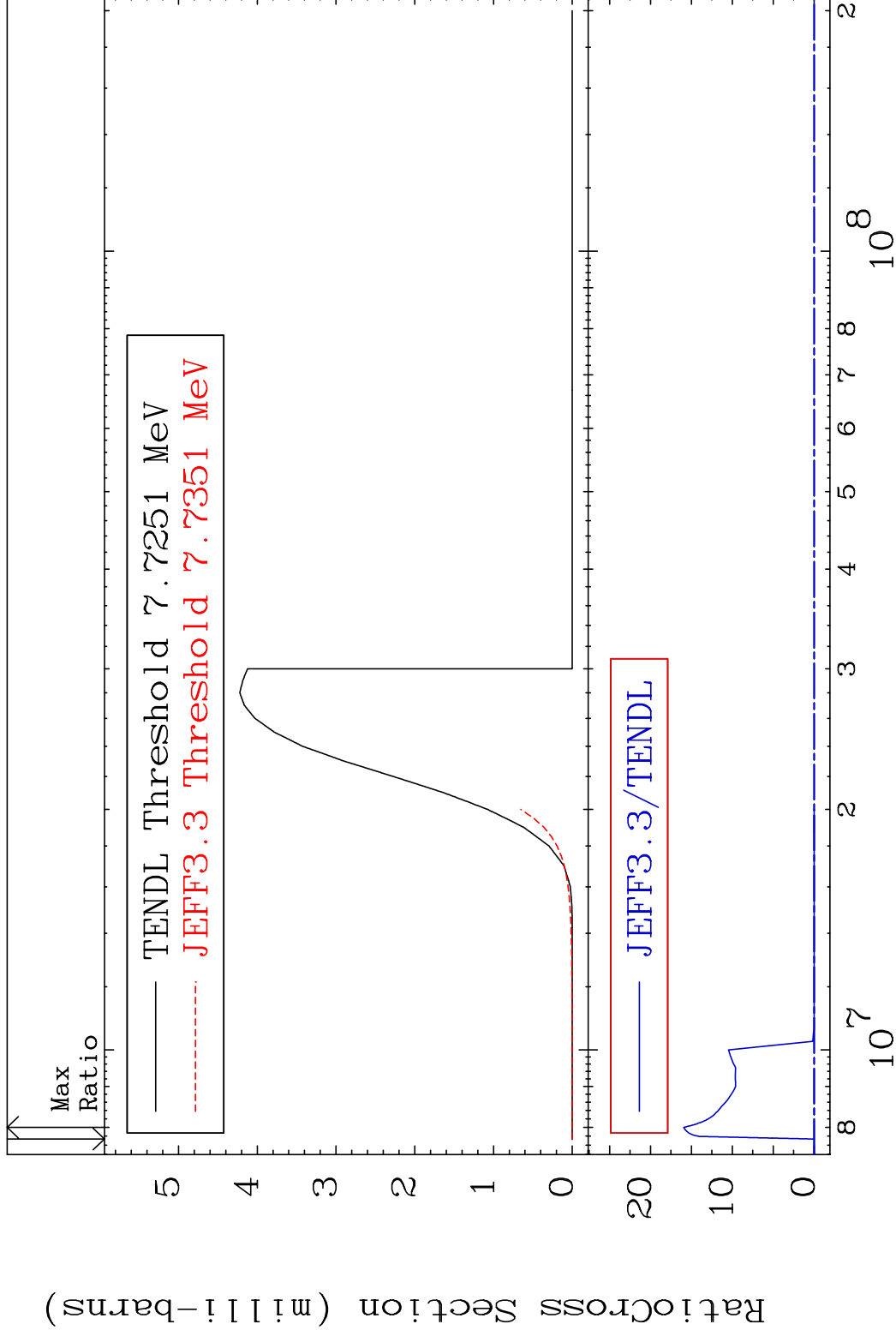


MAT 6437

(n, t)

64-Gd-156

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

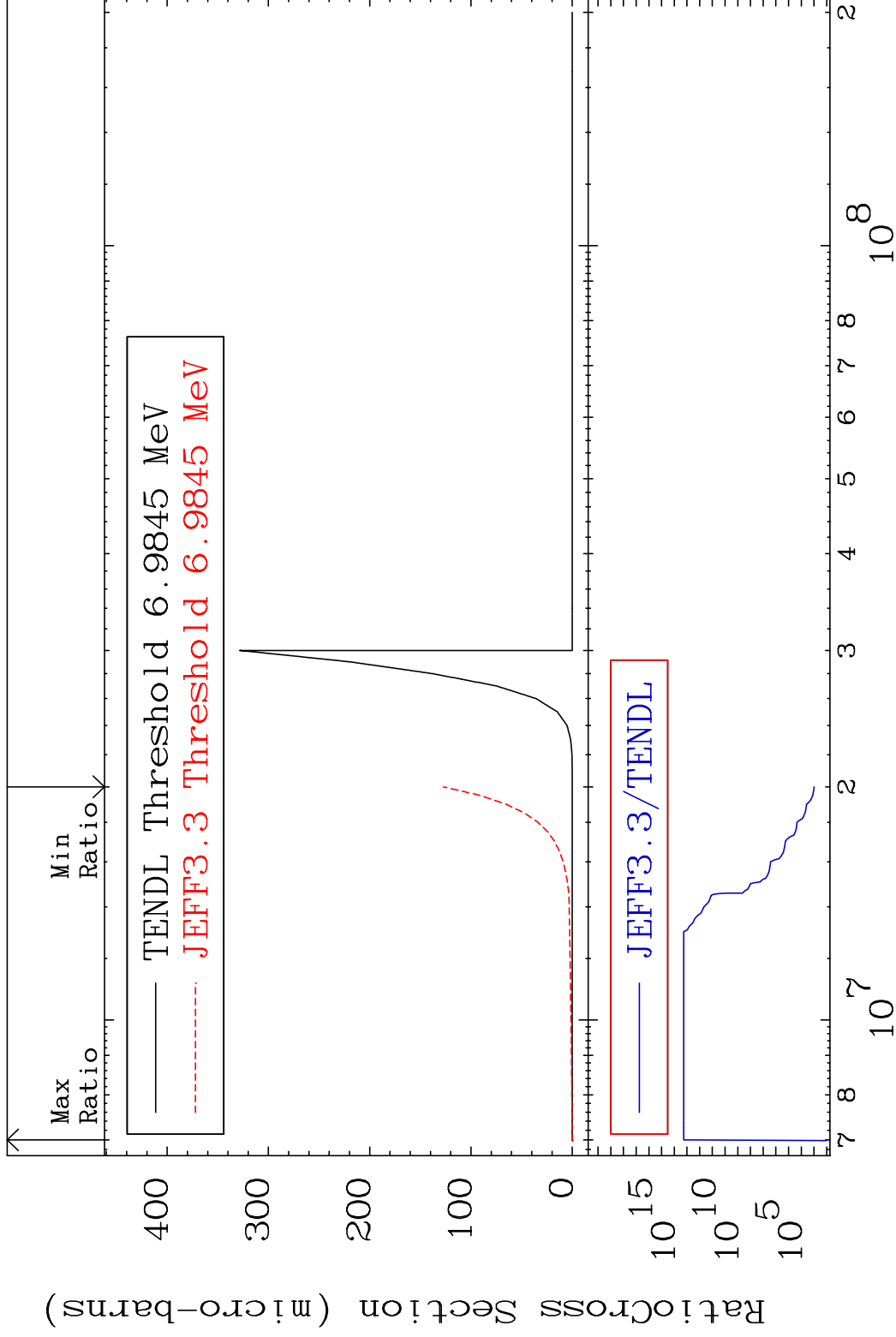
64-Gd-156

MAT 6437

(n, He-3)

64-Gd-156

Cross Section 9999. To 9999. %



24

Incident Energy (eV)

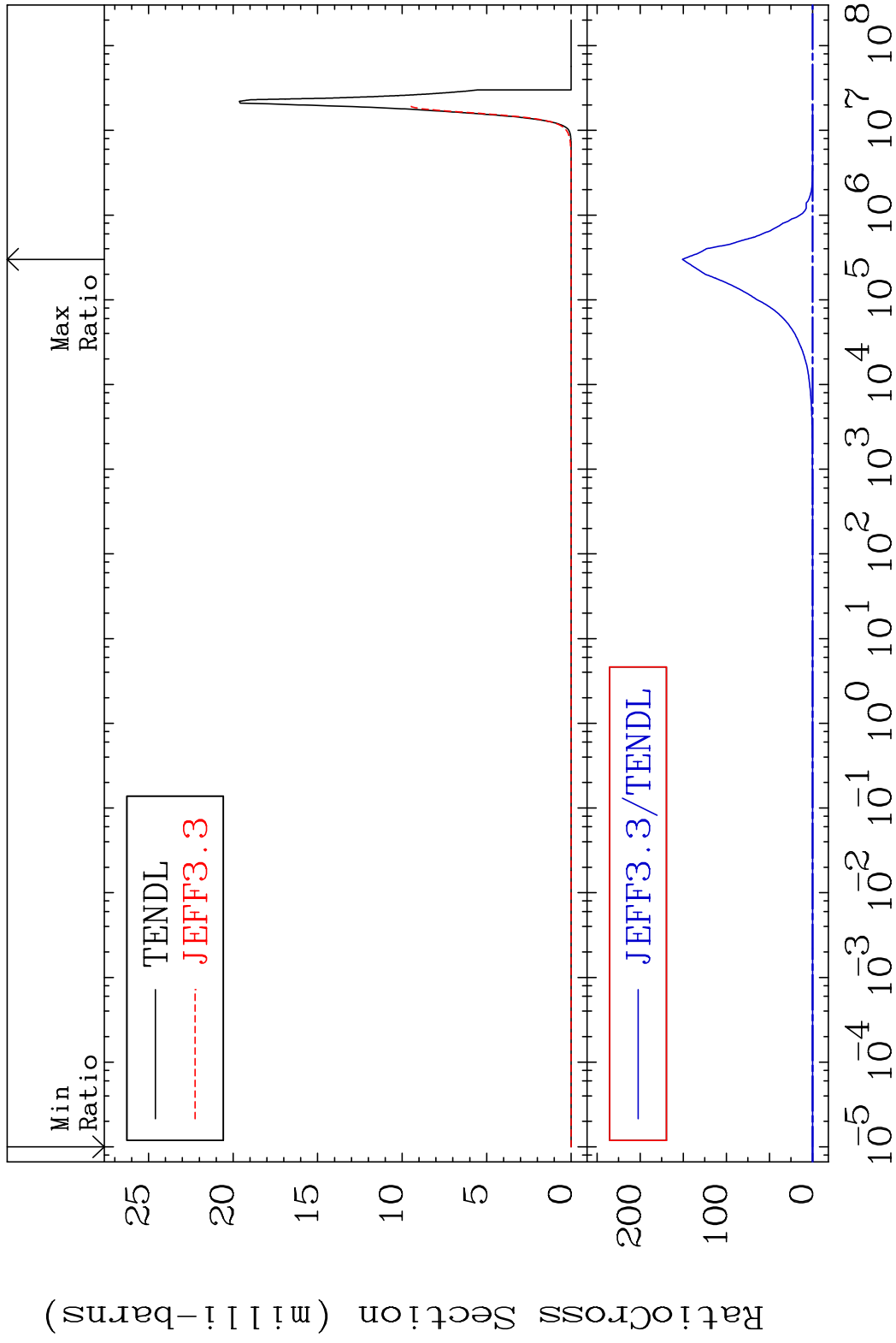
64-Gd-156

MAT 6437

(n, α)

64-Gd-156

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

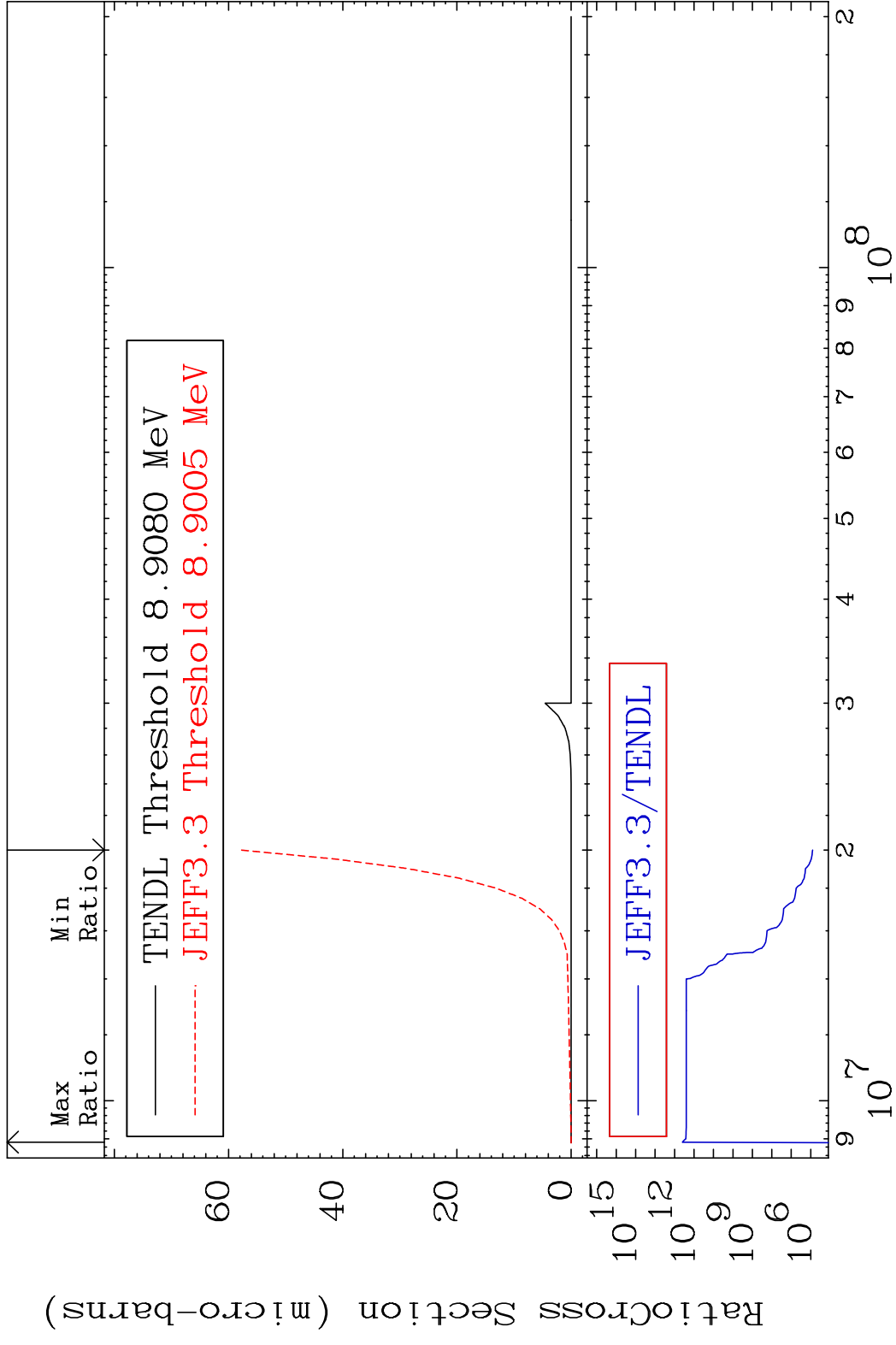
64-Gd-156

MAT 6437

(n,2p)

64-Gd-156

Cross Section 9999. To 9999. %

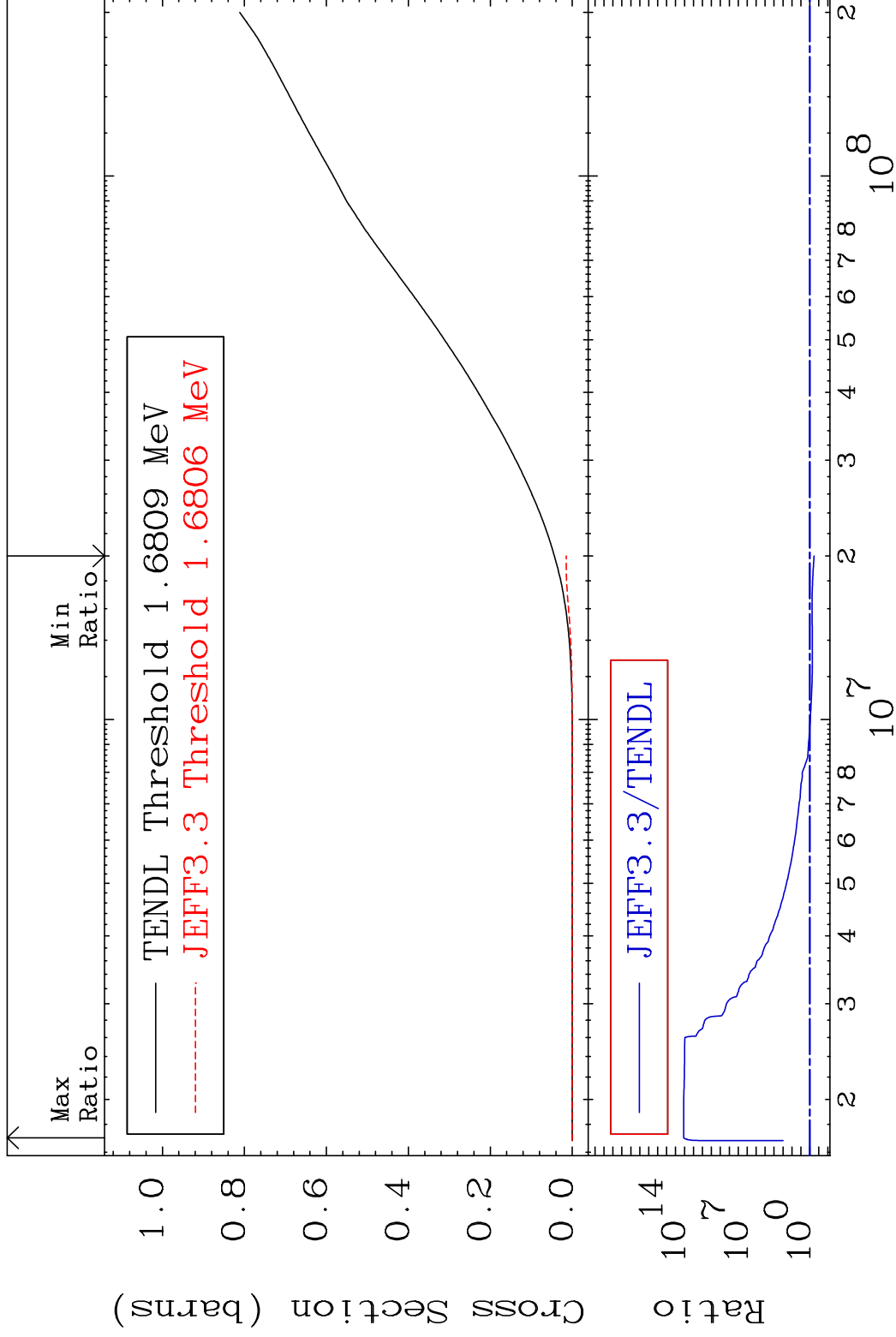


MAT 6437

Hydrogen Production

64-Gd-156

Cross Section -66.42 To 9999. %



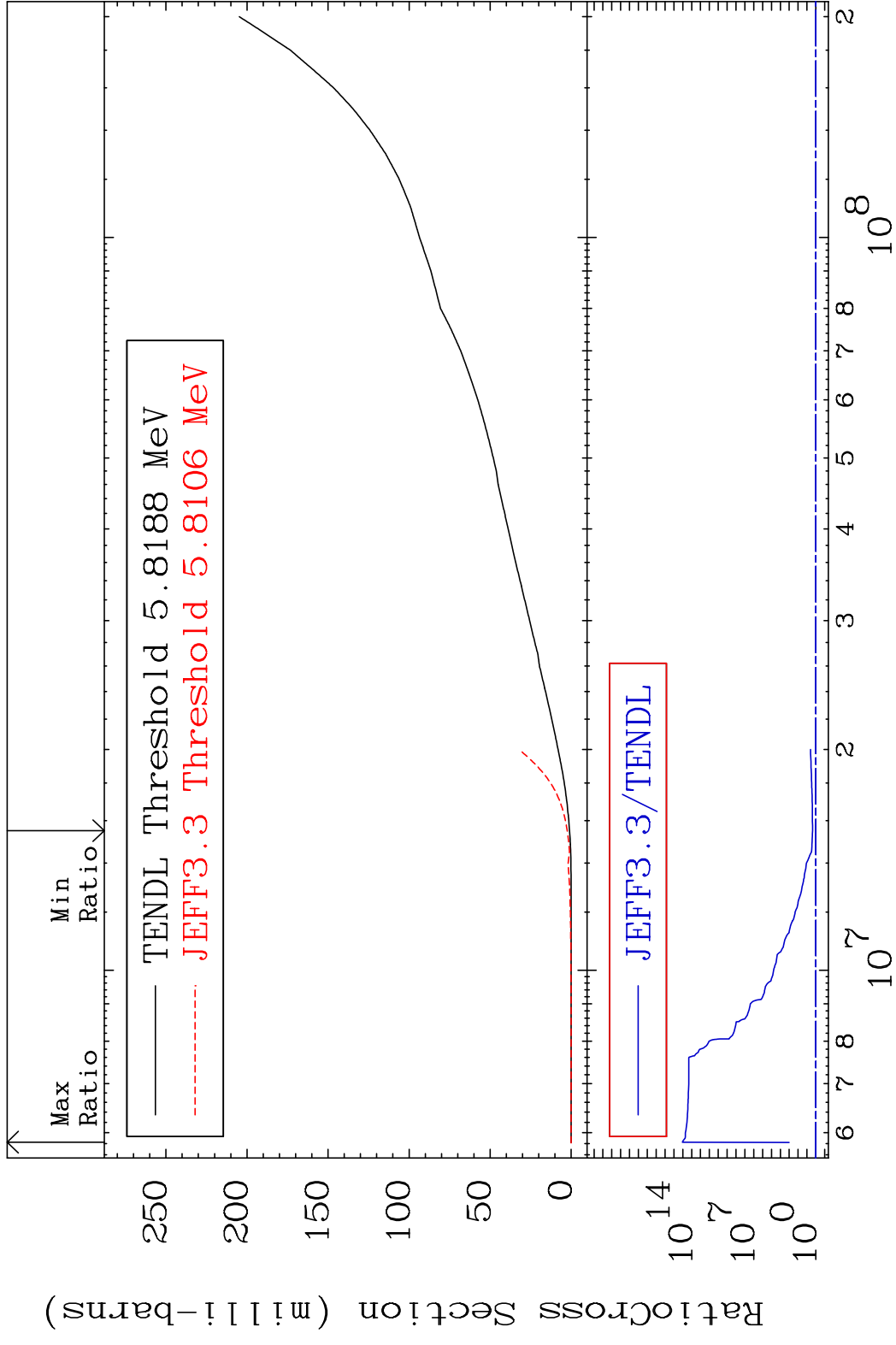
27

Incident Energy (eV)

64-Gd-156

MAT 6437

Deuterium Production 64-Gd-156
Cross Section 134.9 To 9999. %

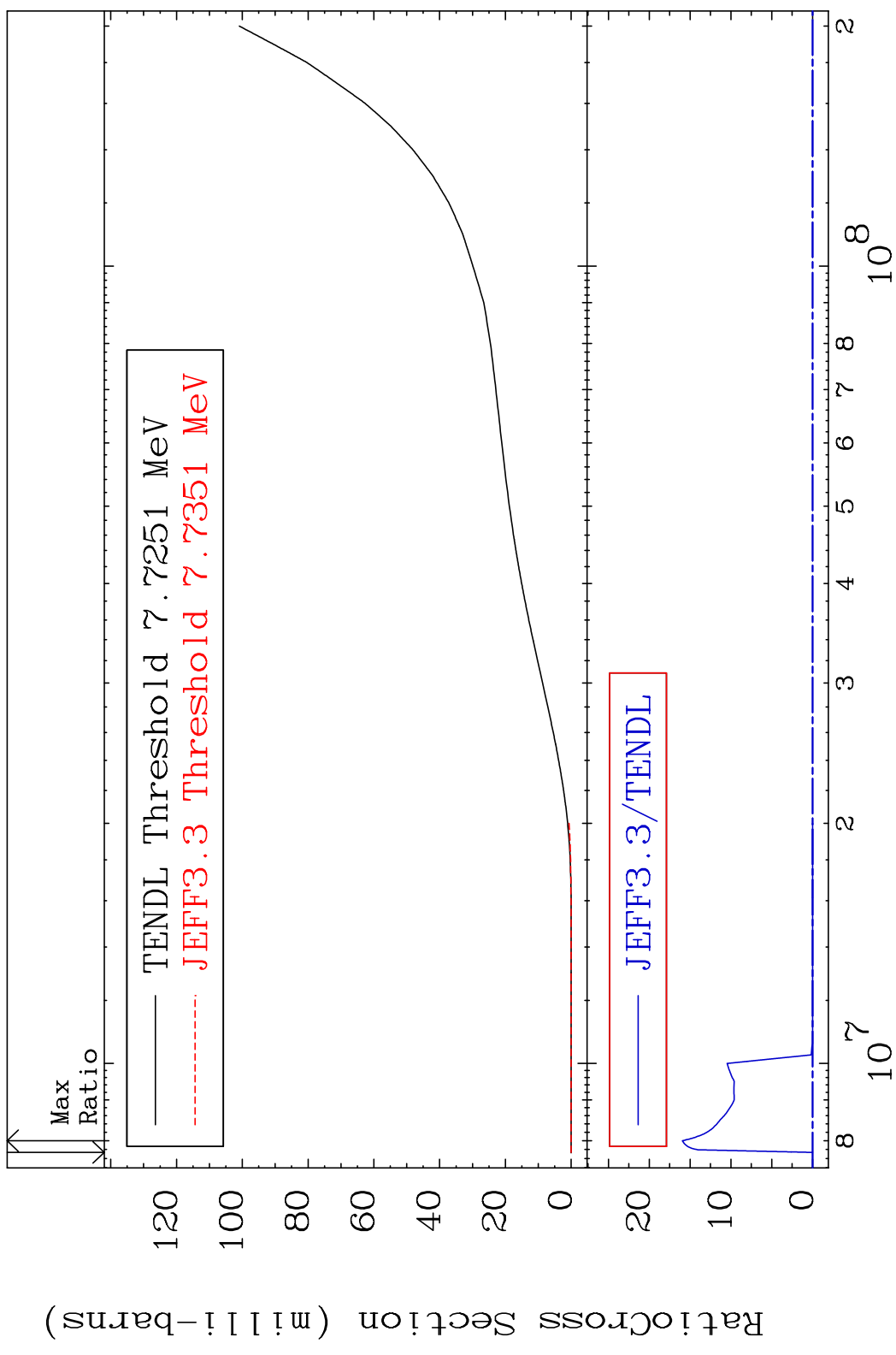


MAT 6437

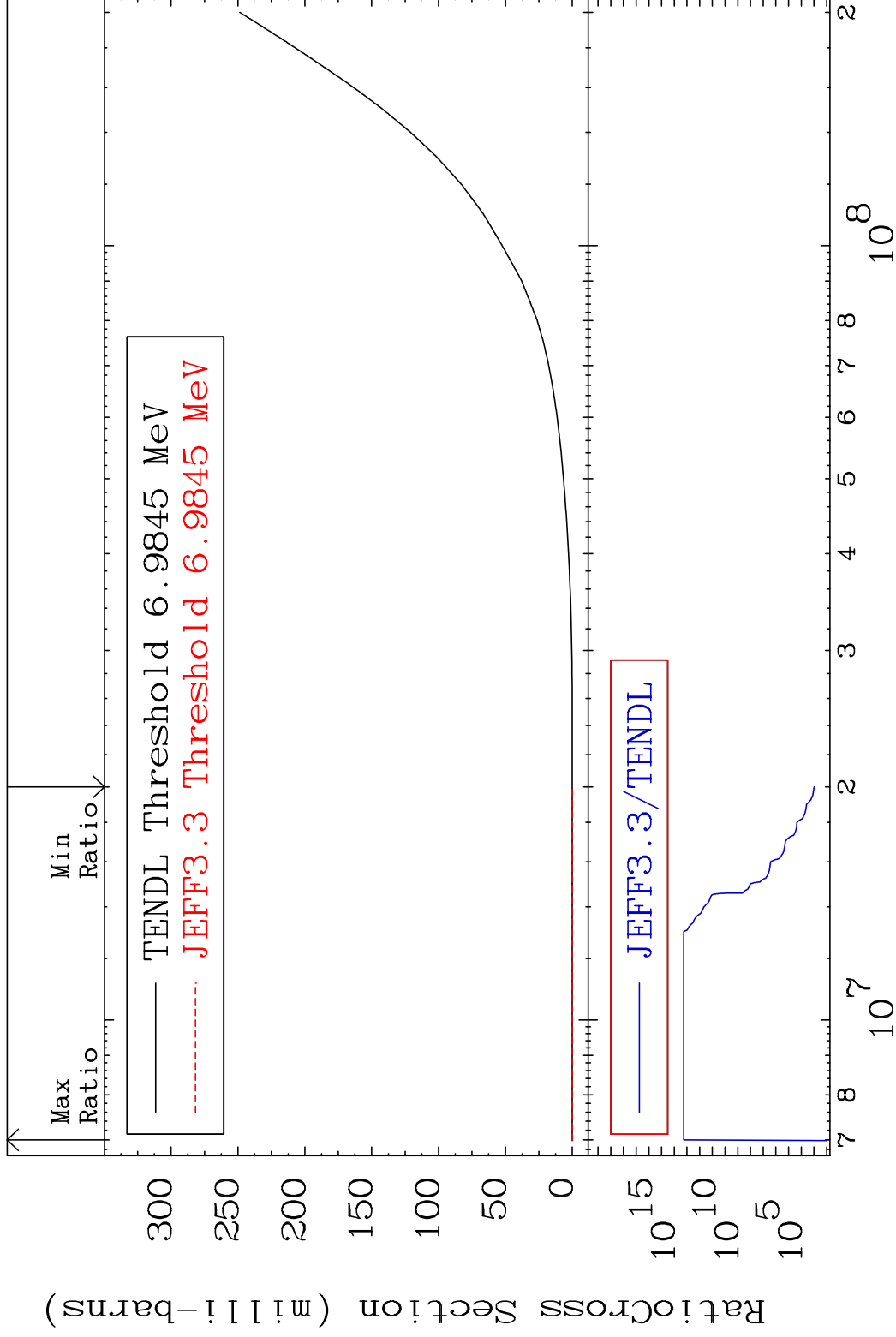
Tritium Production

64-Gd-156

Cross Section -100.0 To 9999. %



Cross Section 9999. To 9999. %

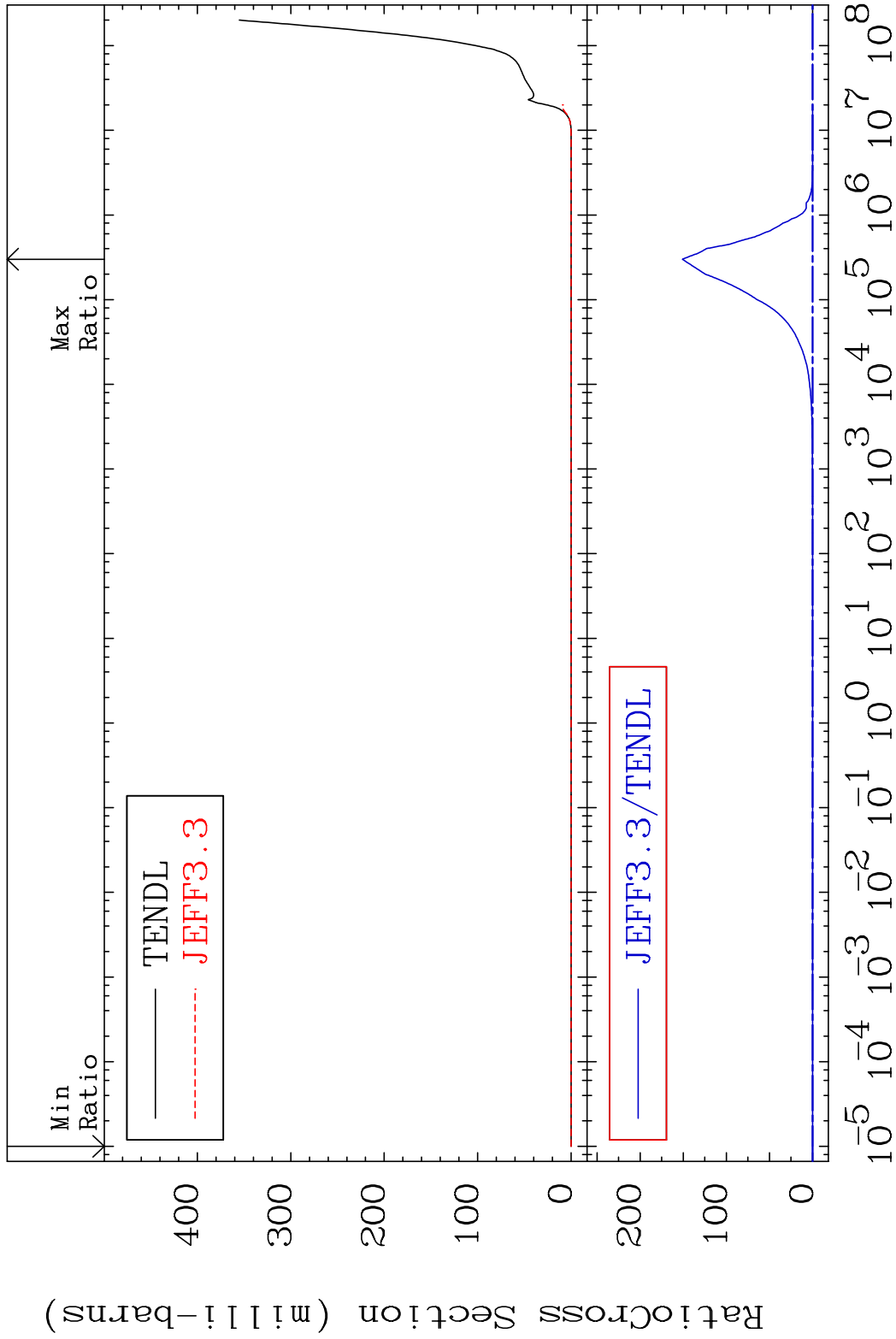


MAT 6437

He-4 Production

64-Gd-156

Cross Section -100.0 To 9999. %

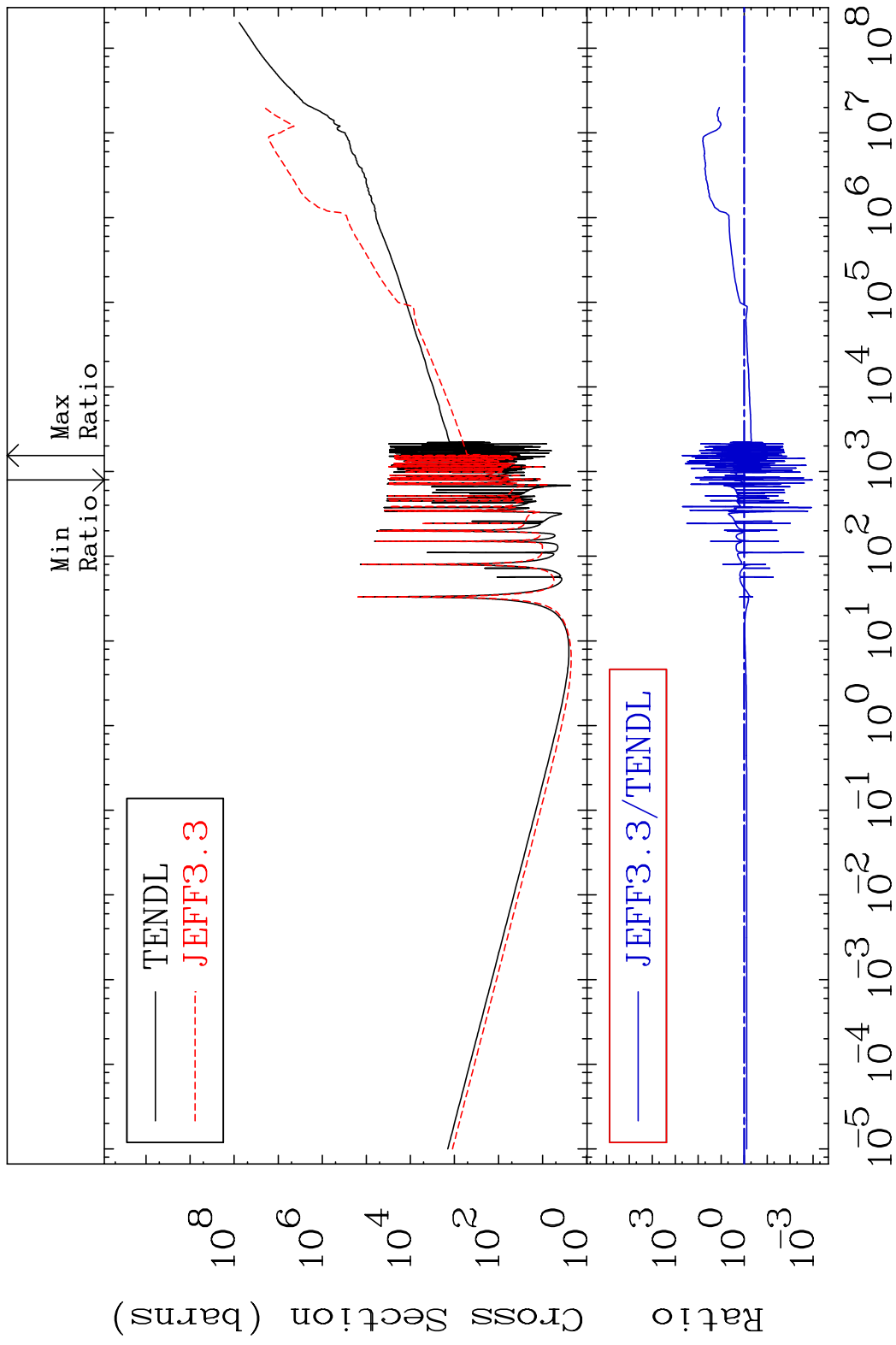


31

Incident Energy (eV)

64-Gd-156

MAT 6437 Kerma total (eV-barns) 64-Gd-156
 Cross Section -99.89 To 9999. %



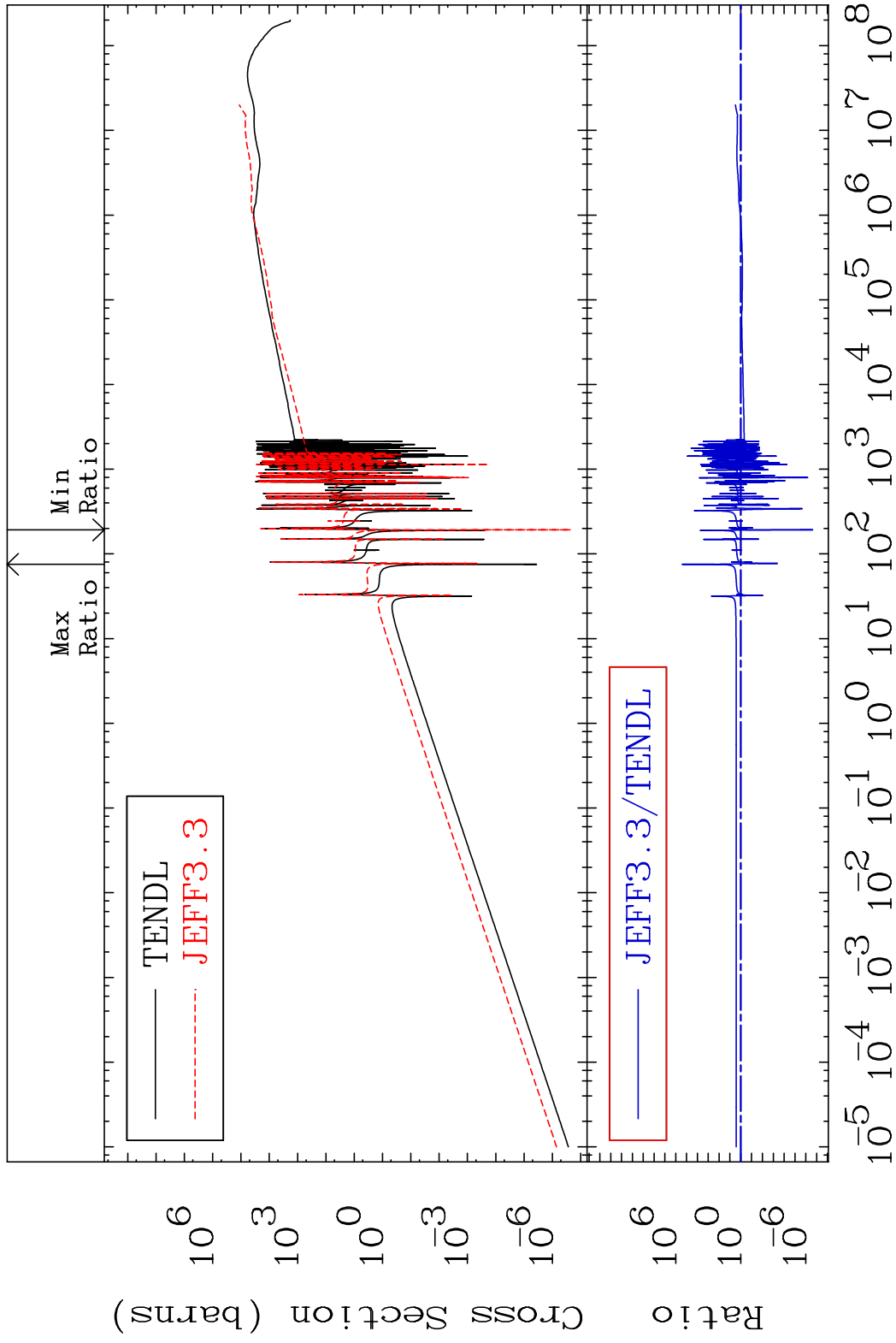
32 Incident Energy (eV) 64-Gd-156

MAT 6437

Kerma elastic
Cross Section

64-Gd-156

-100.0 To 9999. %

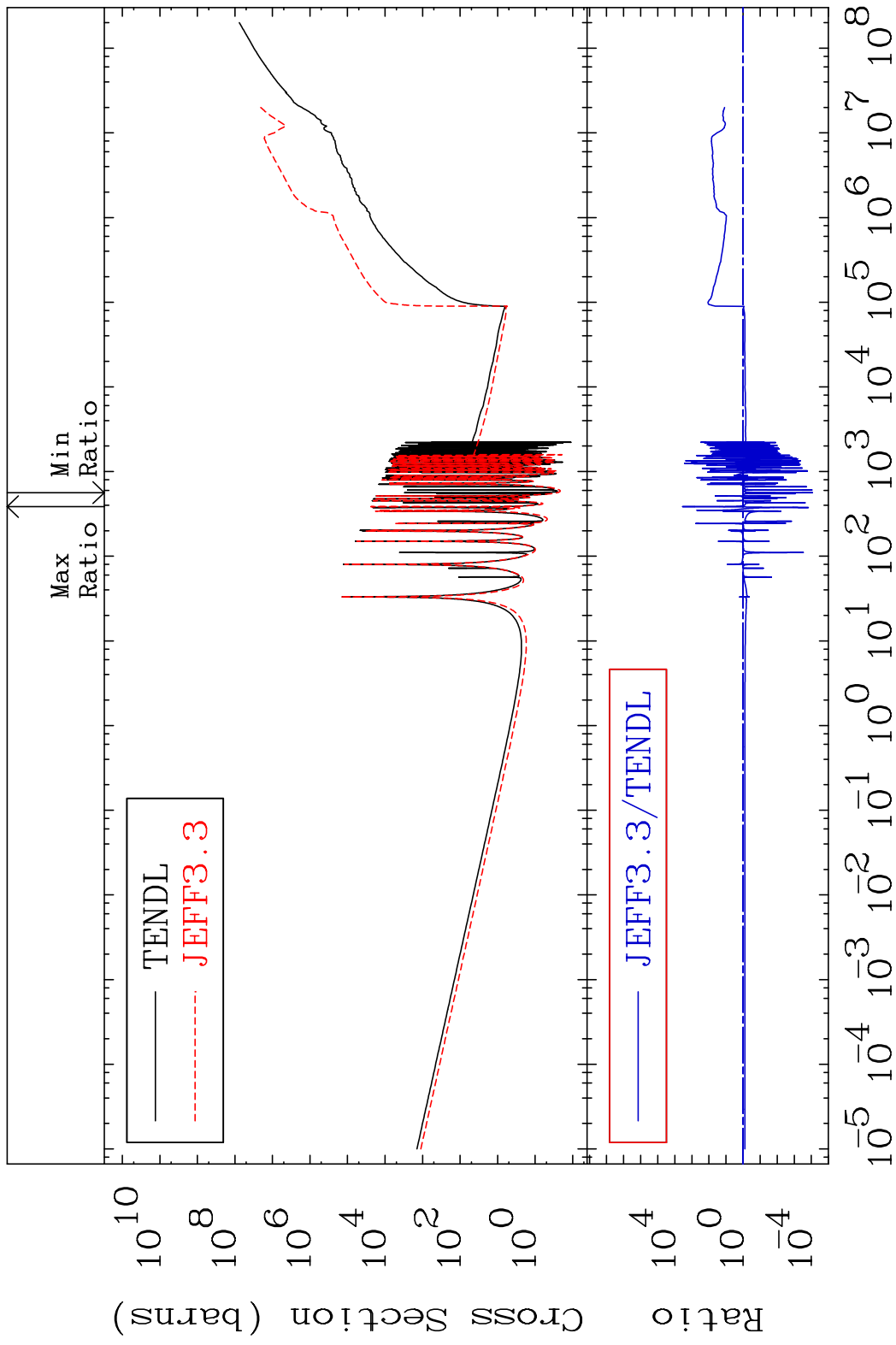


33

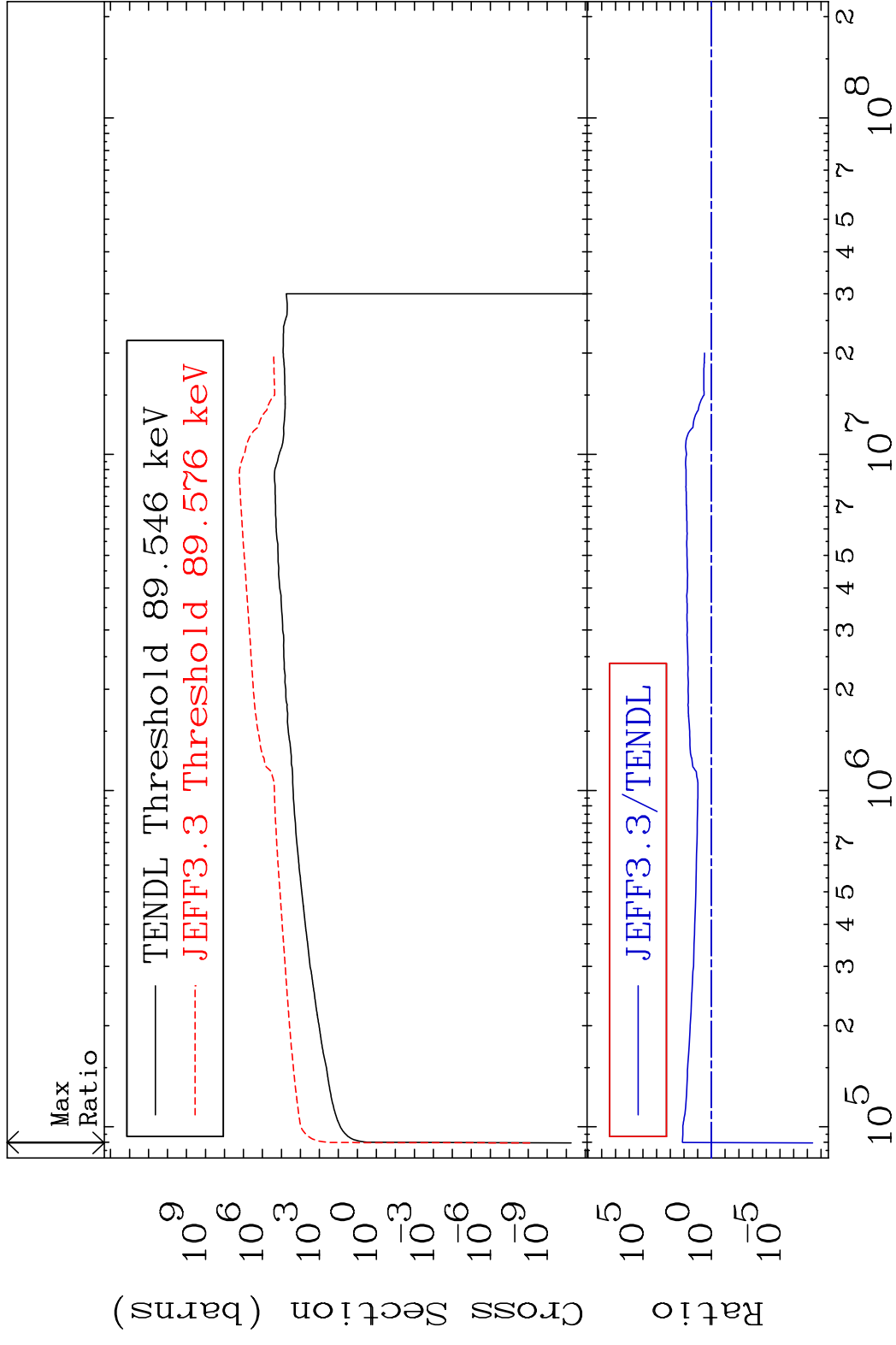
Incident Energy (eV)

64-Gd-156

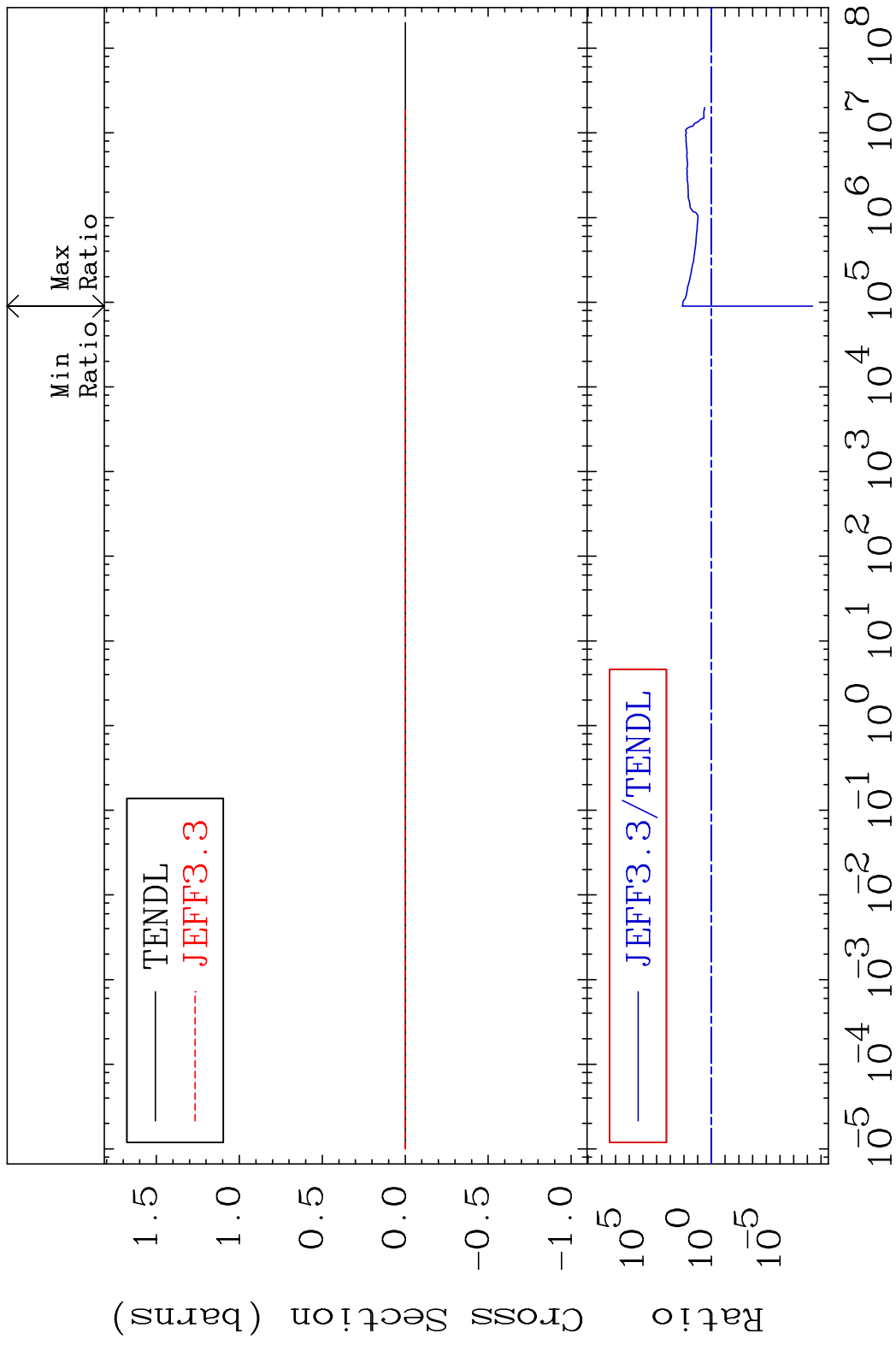
MAT 6437 Kerma non-elastic (all but mt2) 64-Gd-156
 Cross Section -99.99 To 9999. %

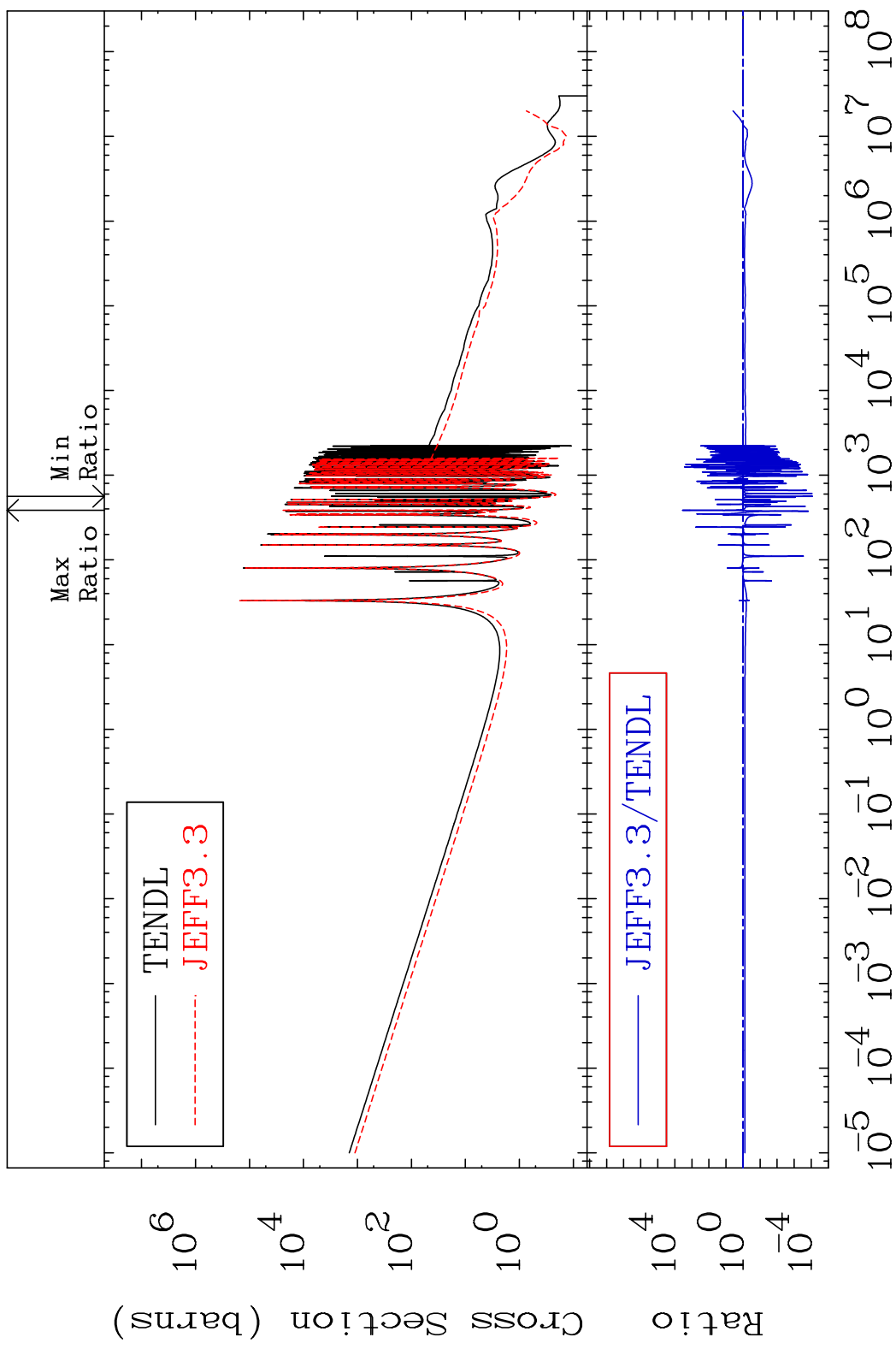


MAT 6437 Kerma inelastic (mt51-91) 64-Gd-156
 Cross Section -100.0 To 9999. %



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

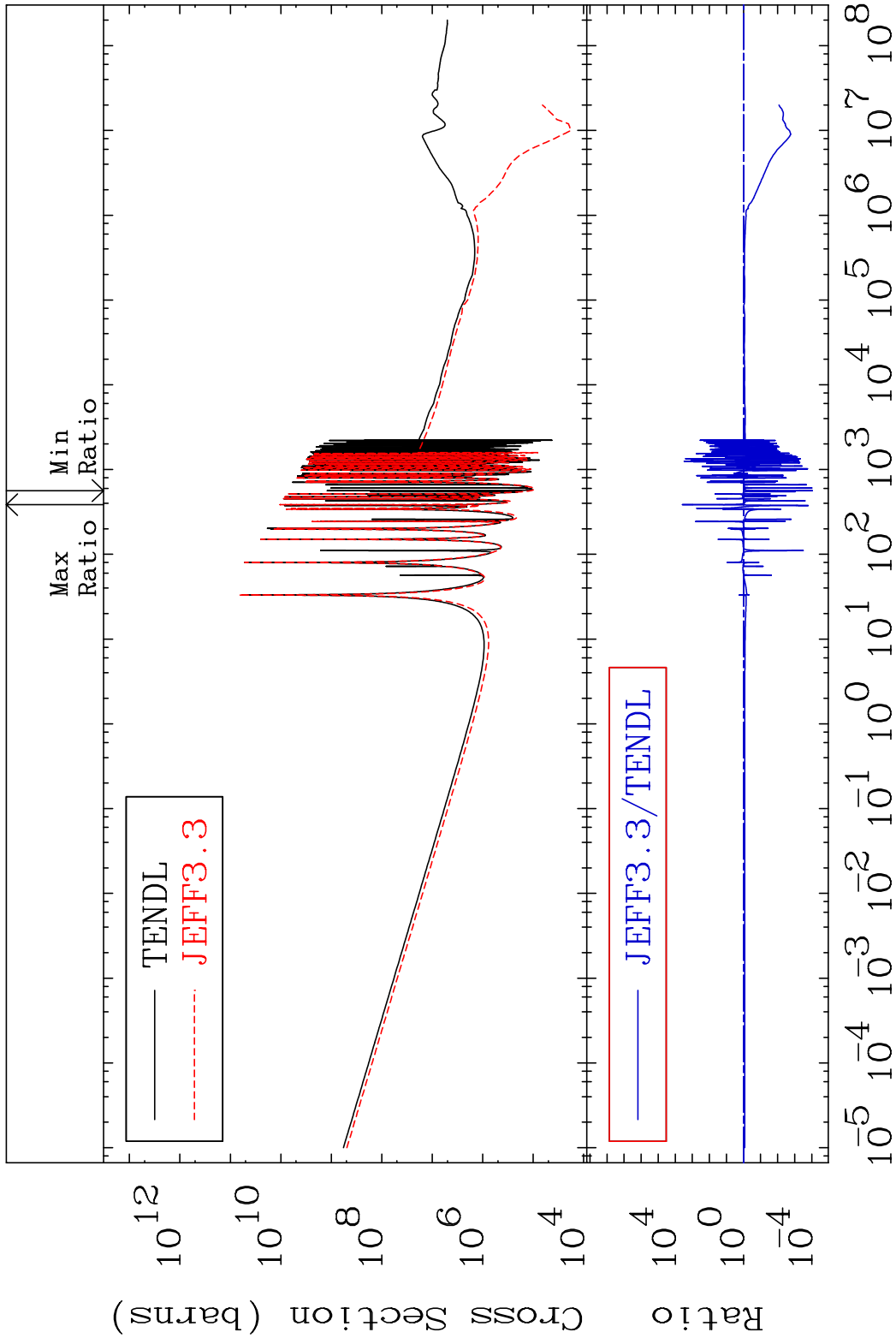




MAT 6437

Total photon (eV-barns) 64-Gd-156

Cross Section -99.99 To 9999. %

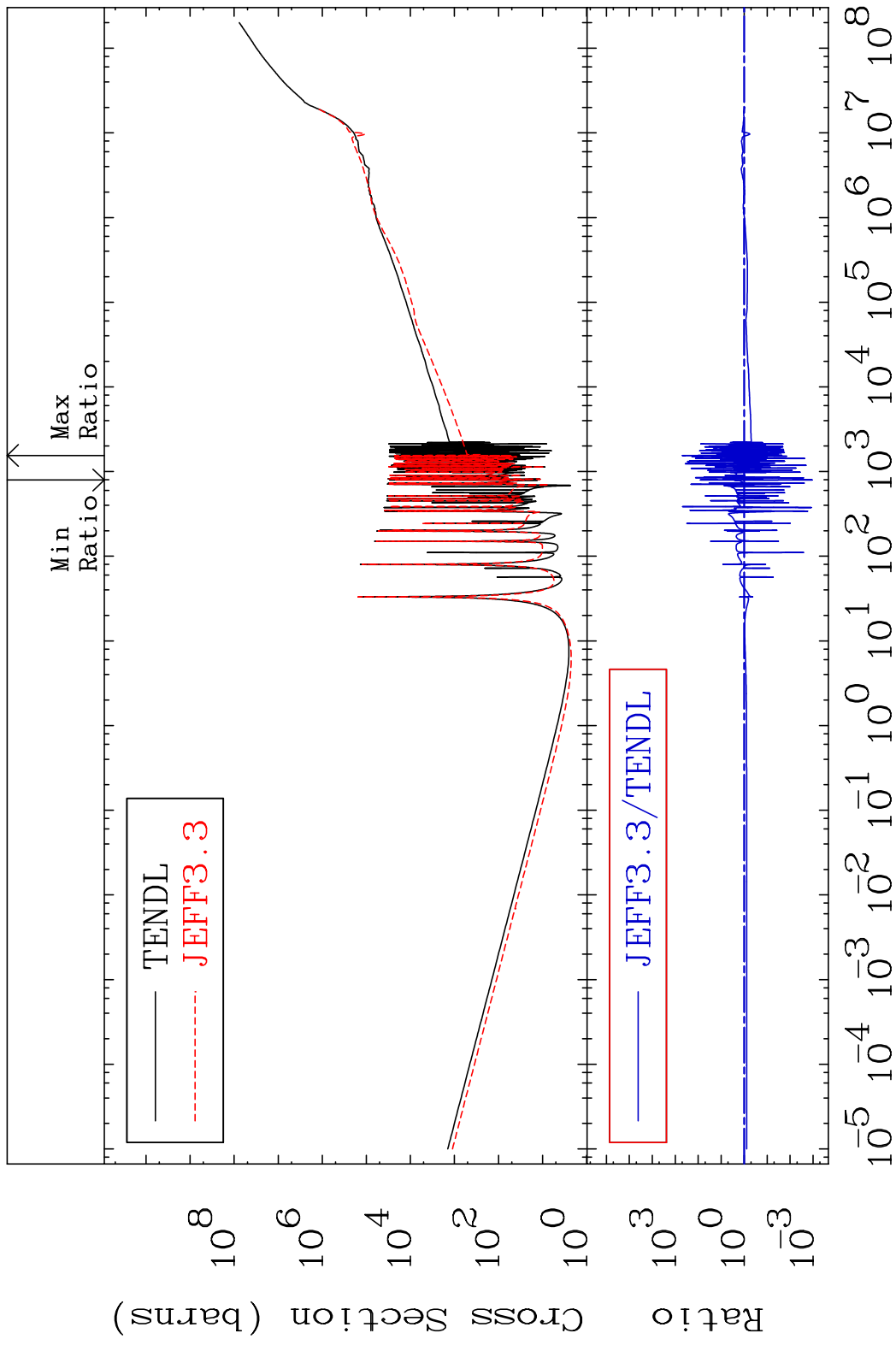


38

Incident Energy (eV)

64-Gd-156

MAT 6437 Total kinematic kerma (high limit) 64-Gd-156
 Cross Section -99.89 To 9999. %

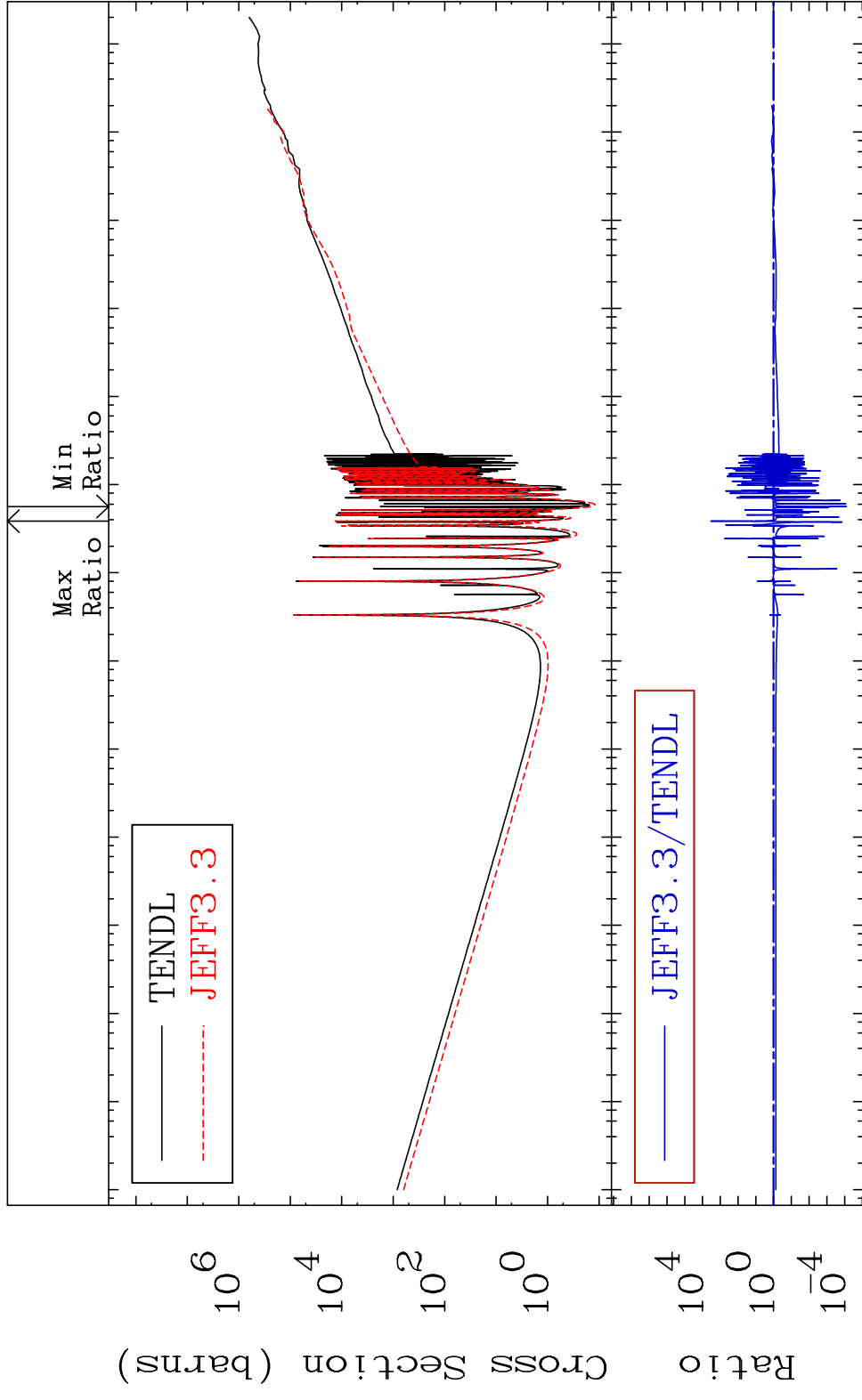


MAT 6437

Dpa total (eV-barns)

64-Gd-156

Cross Section -99.99 To 9999. %



40

Incident Energy (eV)

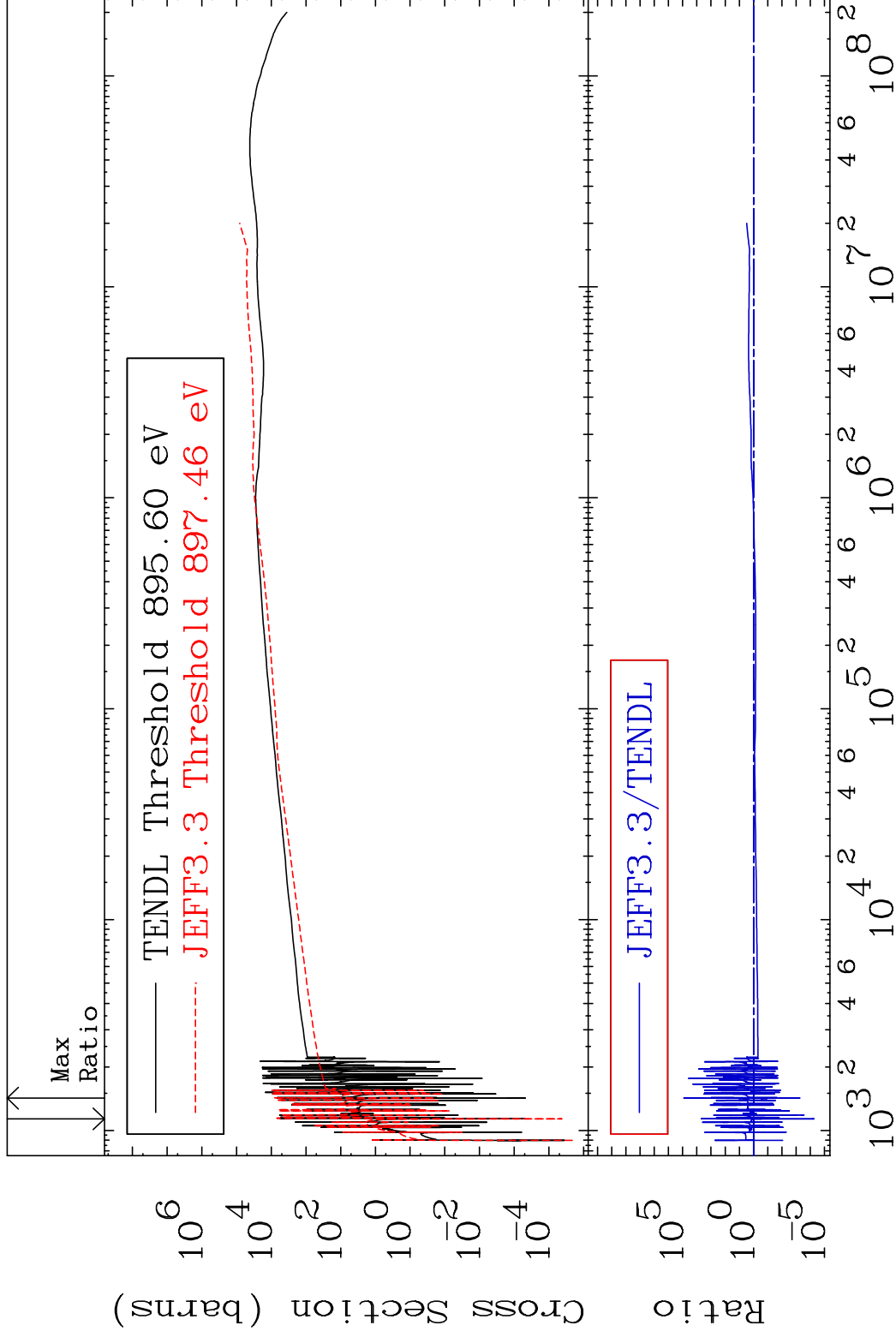
64-Gd-156

MAT 6437

Dpa elastic (mt2)

64-Gd-156

Cross Section -99.99 To 9999. %



41

Incident Energy (eV)

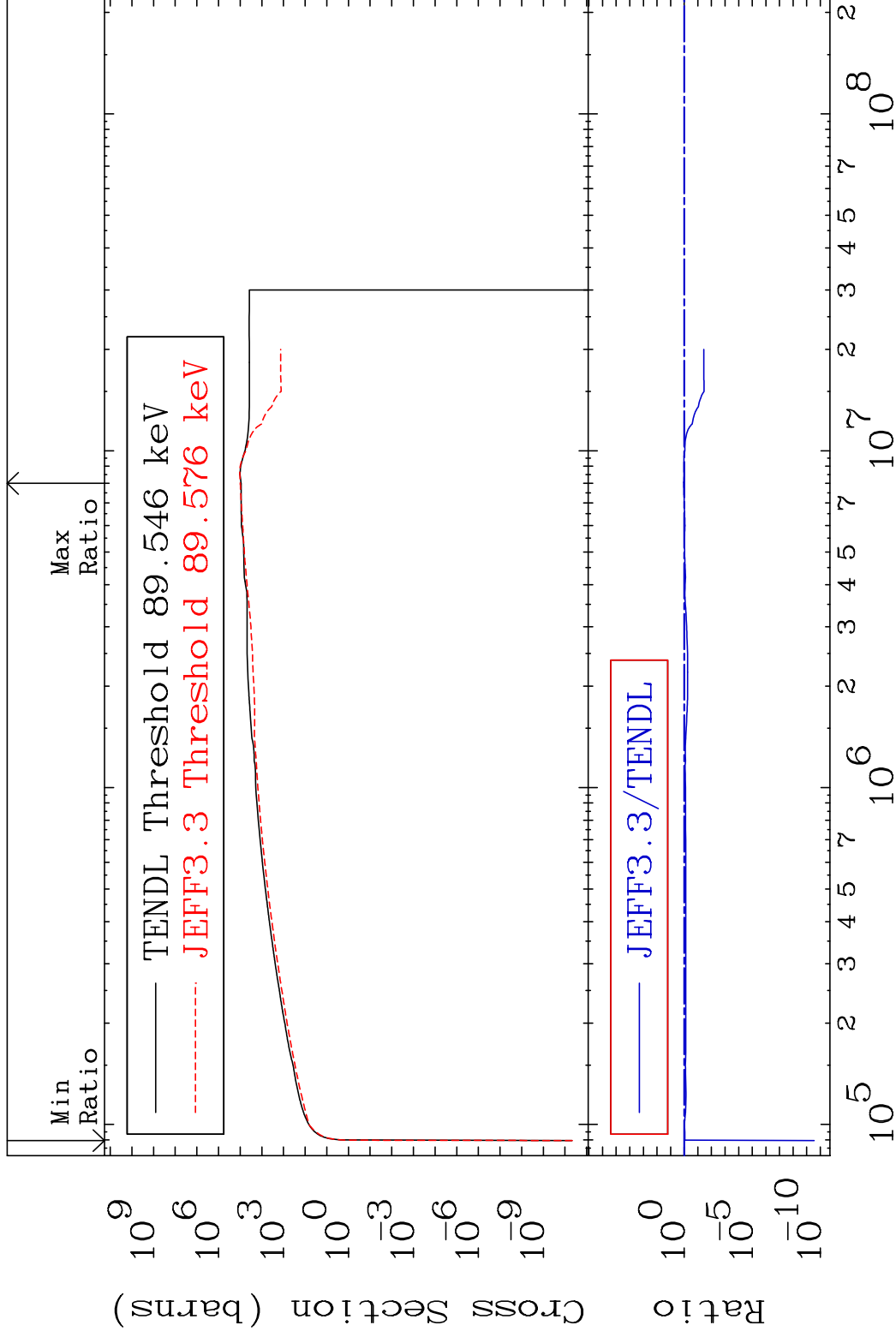
64-Gd-156

MAT 6437

Dpa inelastic (mt51-91)

64-Gd-156

Cross Section -100.0 To 9.599 %



42

Incident Energy (eV)

64-Gd-156

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

