

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

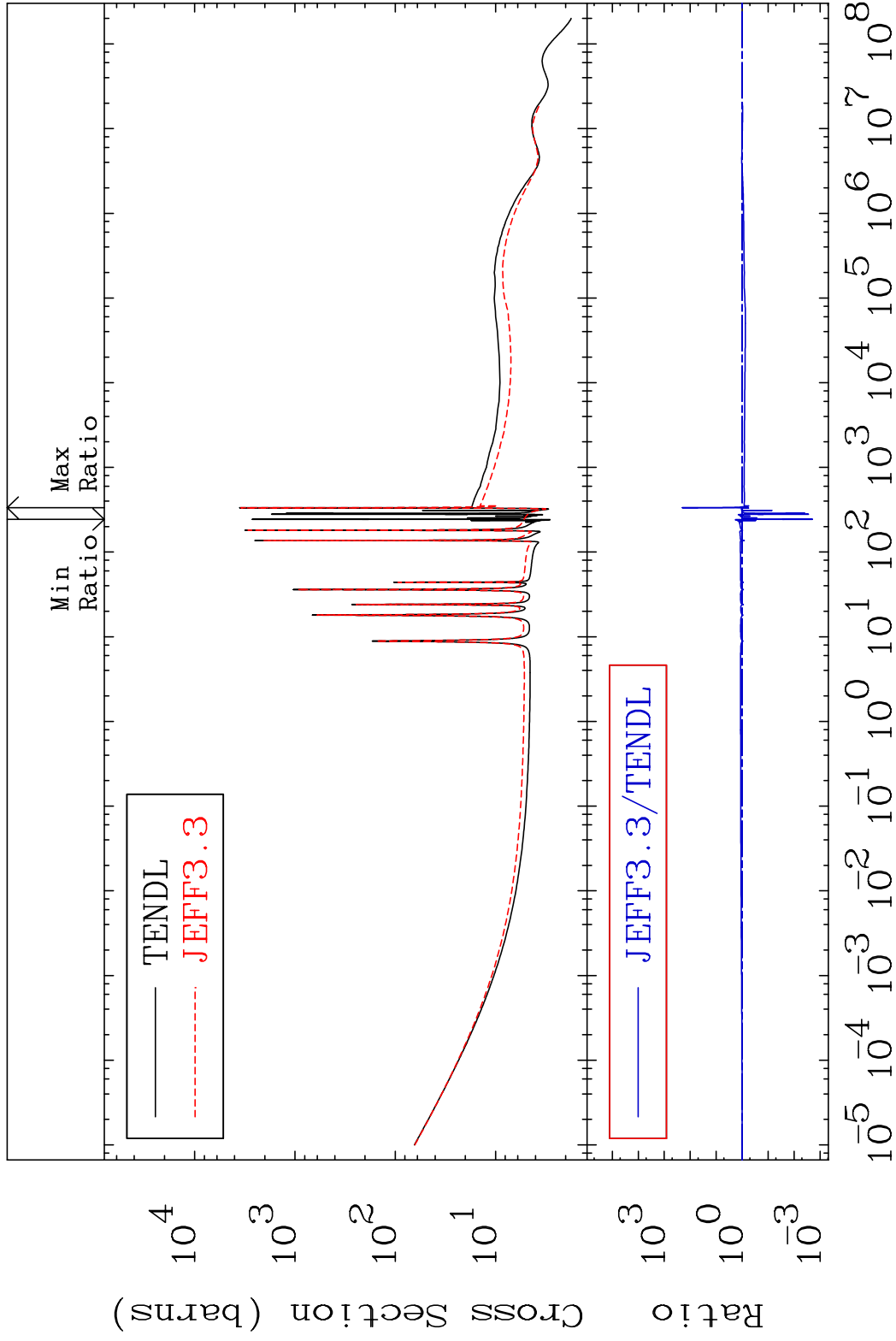
MAT 4446

Total

44-Ru-103

Cross Section

-99.81 To 9999. %



1

Incident Energy (eV)

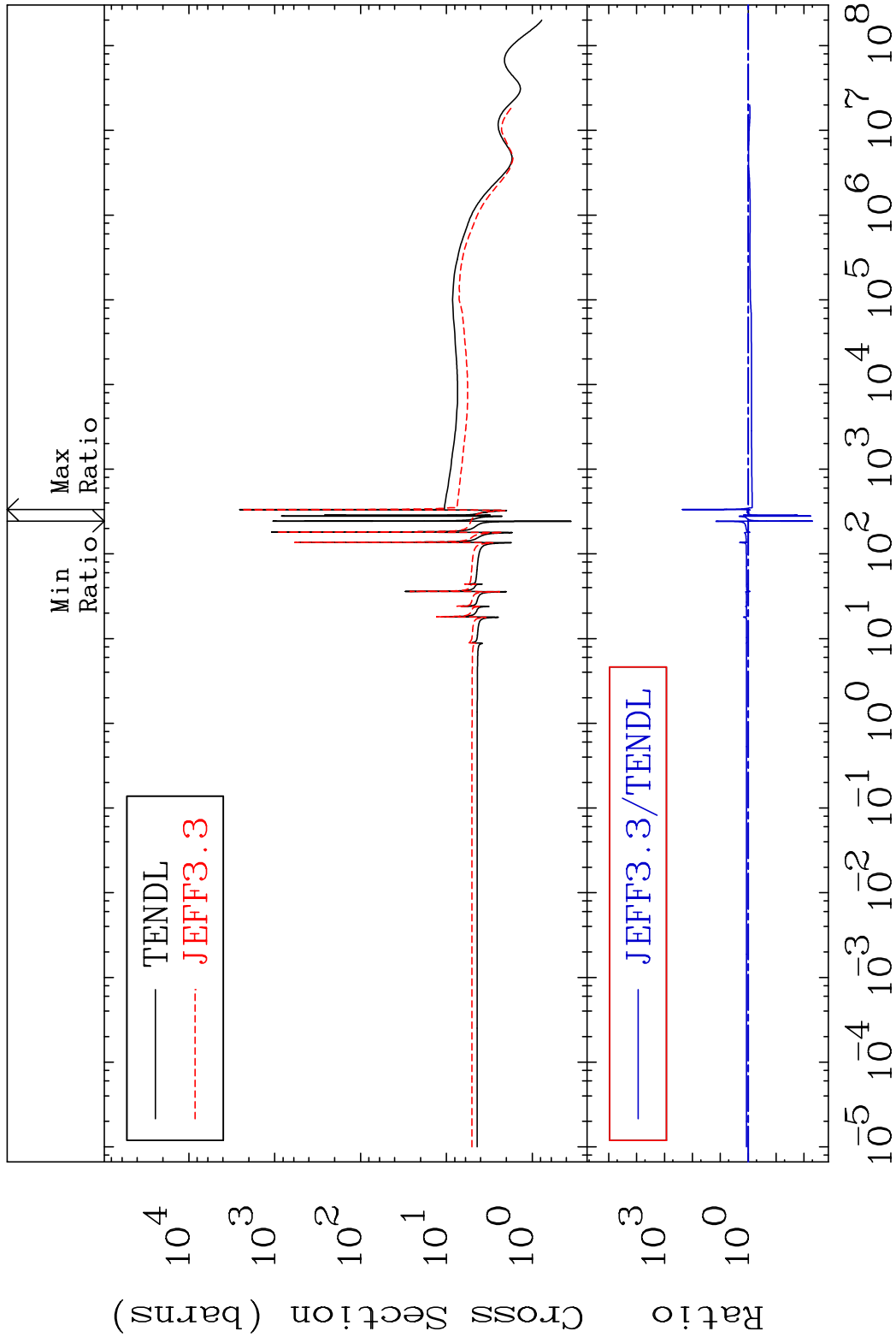
44-Ru-103

MAT 4446

Elastic

44-Ru-103

Cross Section -99.51 To 9999. %



2

Incident Energy (eV)

44-Ru-103

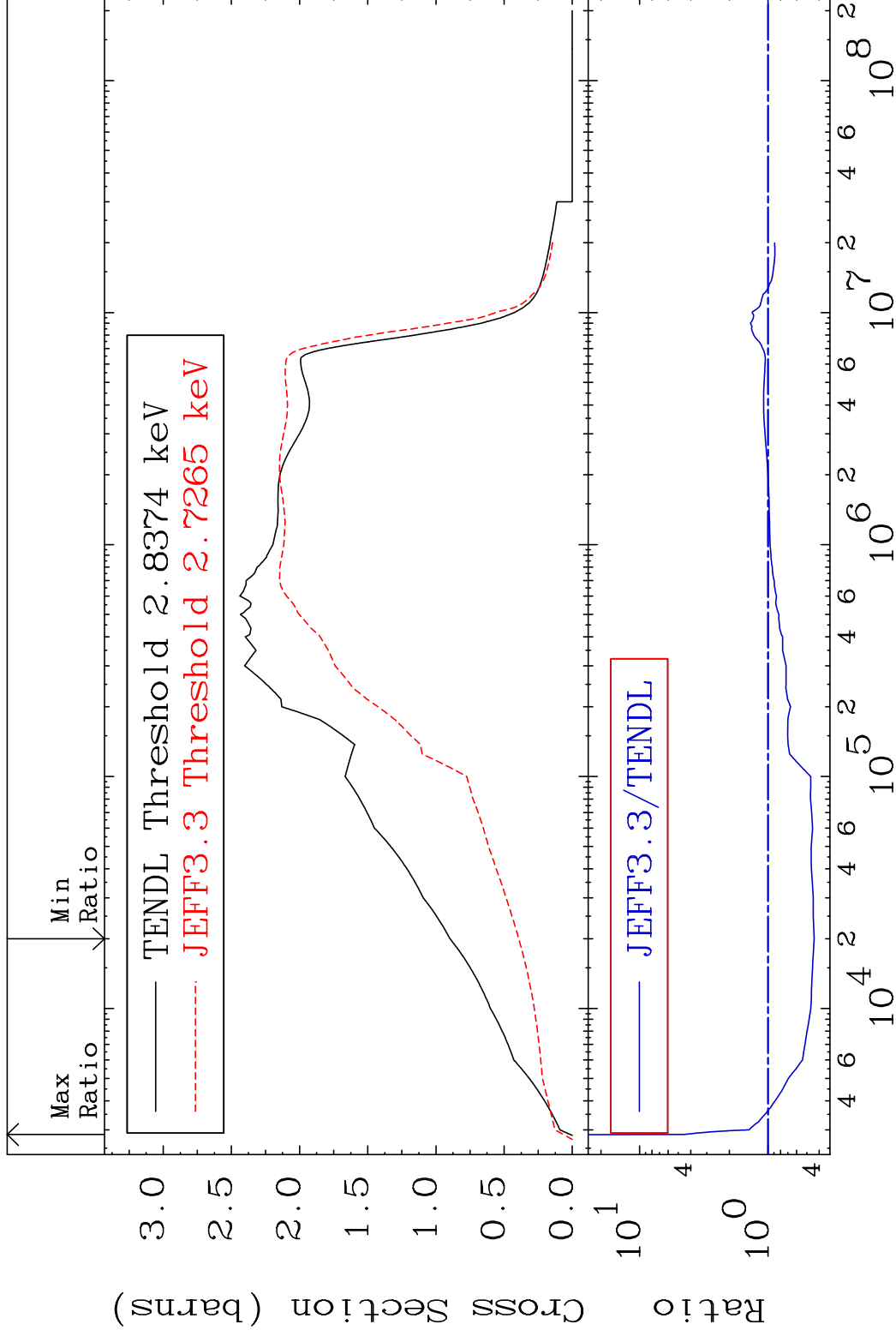
MAT 4446

Inelastic

44-Ru-103

Cross Section

-56.18 To 354.0 %



3

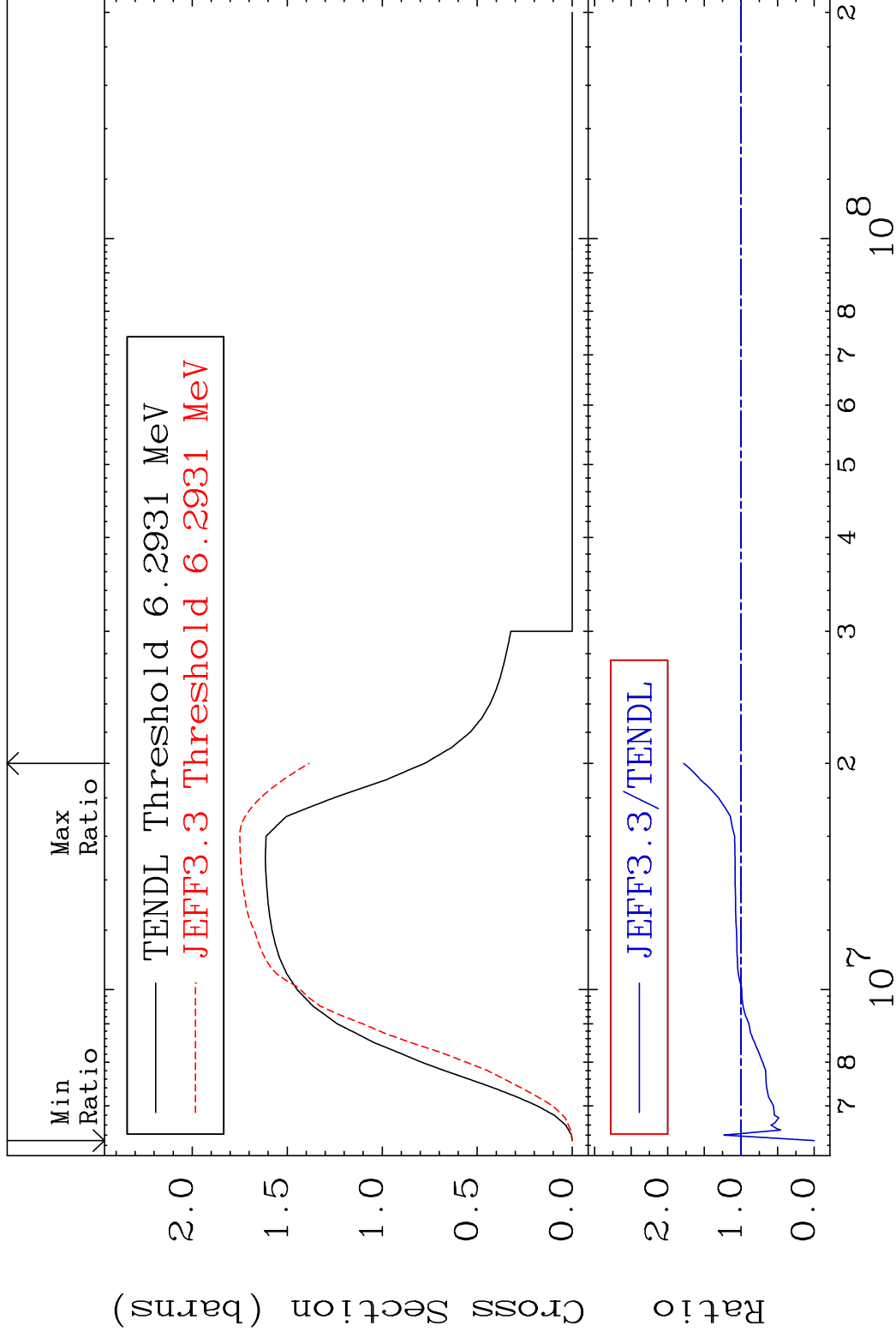
Incident Energy (eV)

44-Ru-103

MAT 4446

(n,2n) 44-Ru-103

Cross Section -100.0 To 78.27 %



4

Incident Energy (eV)

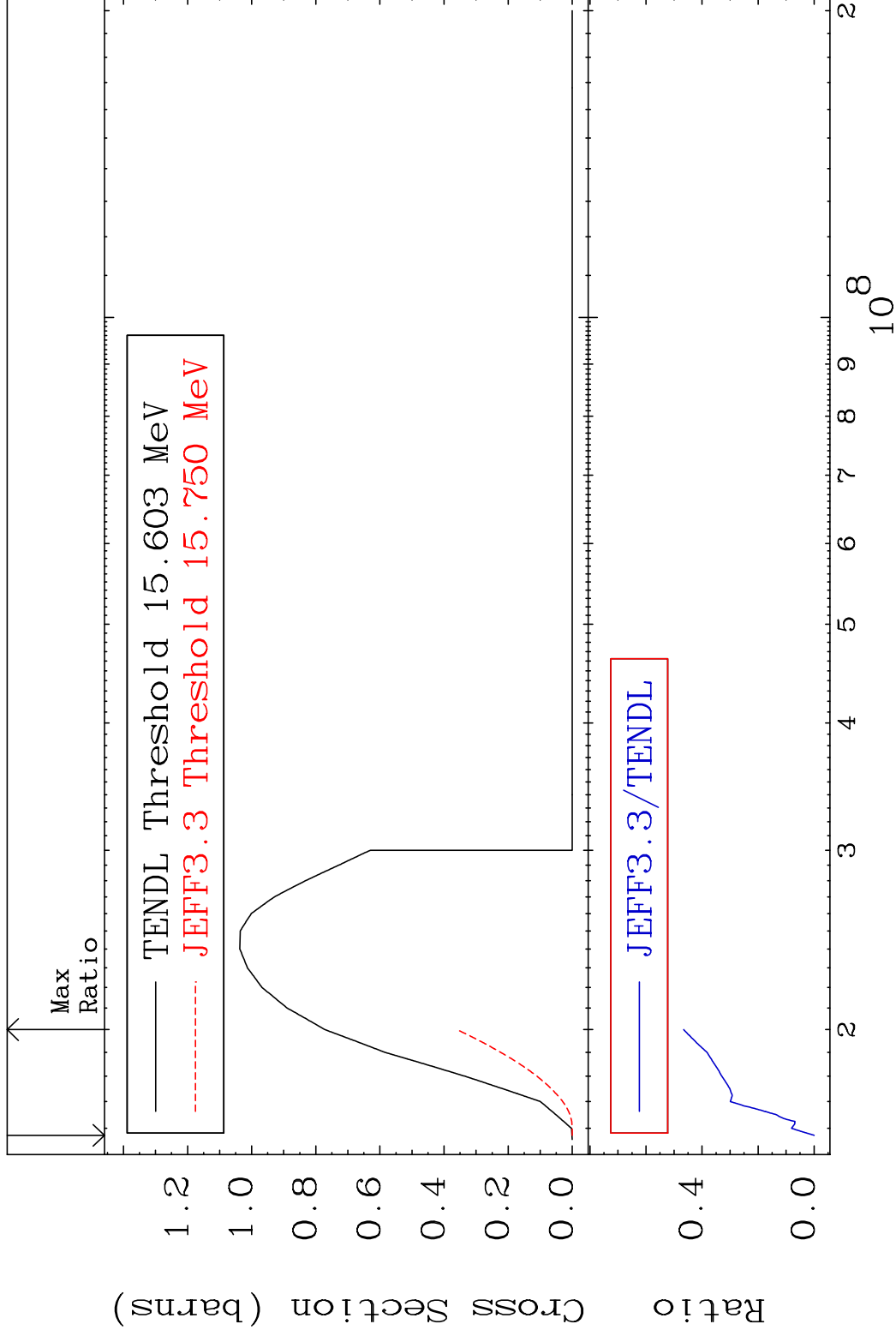
44-Ru-103

MAT 4446

(n,3n)

44-Ru-103

Cross Section -100.0 To -53.44%



5

Incident Energy (eV)

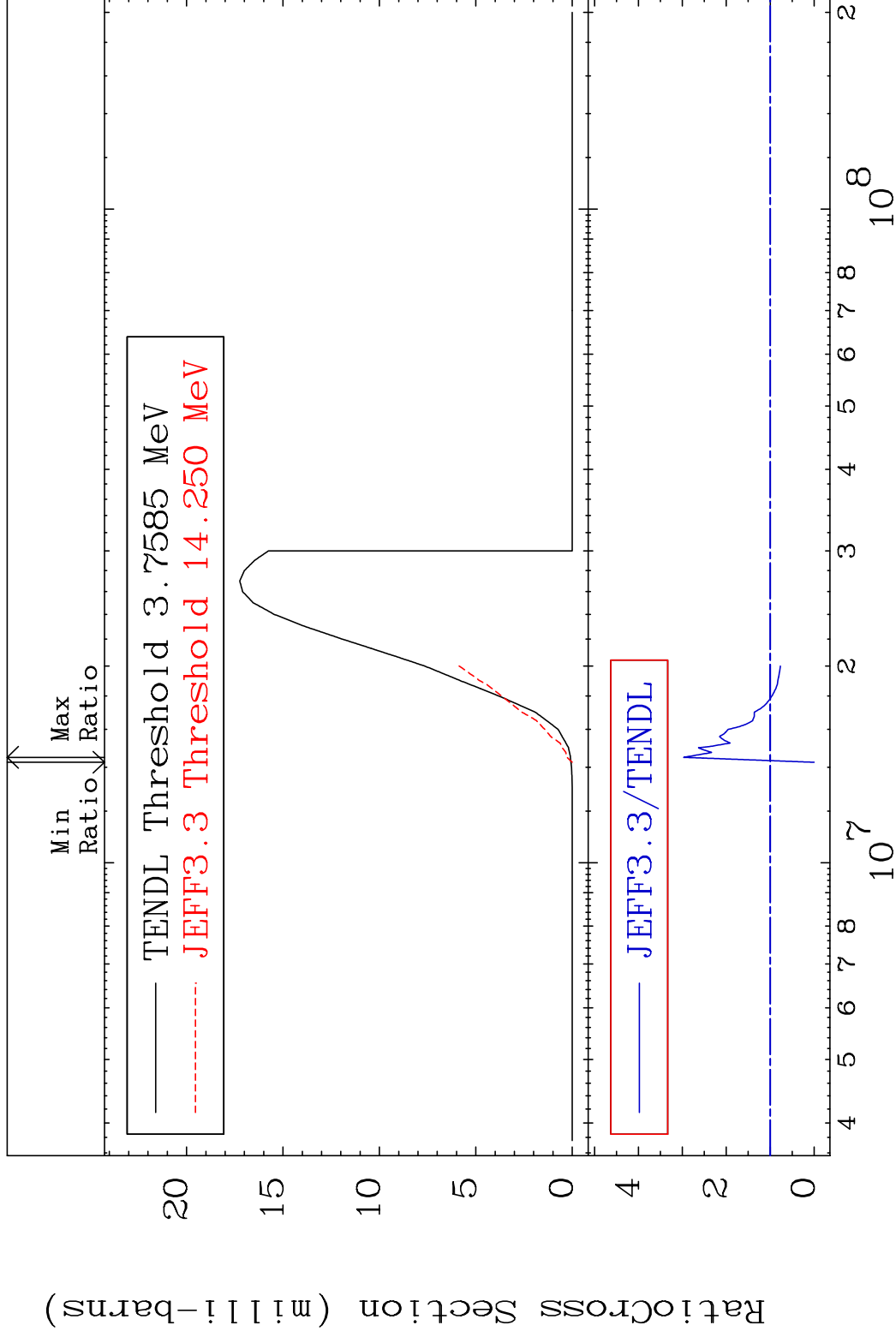
44-Ru-103

MAT 4446

(n, n') α

44-Ru-103

Cross Section -100.0 To 197.0 %



6

Incident Energy (eV)

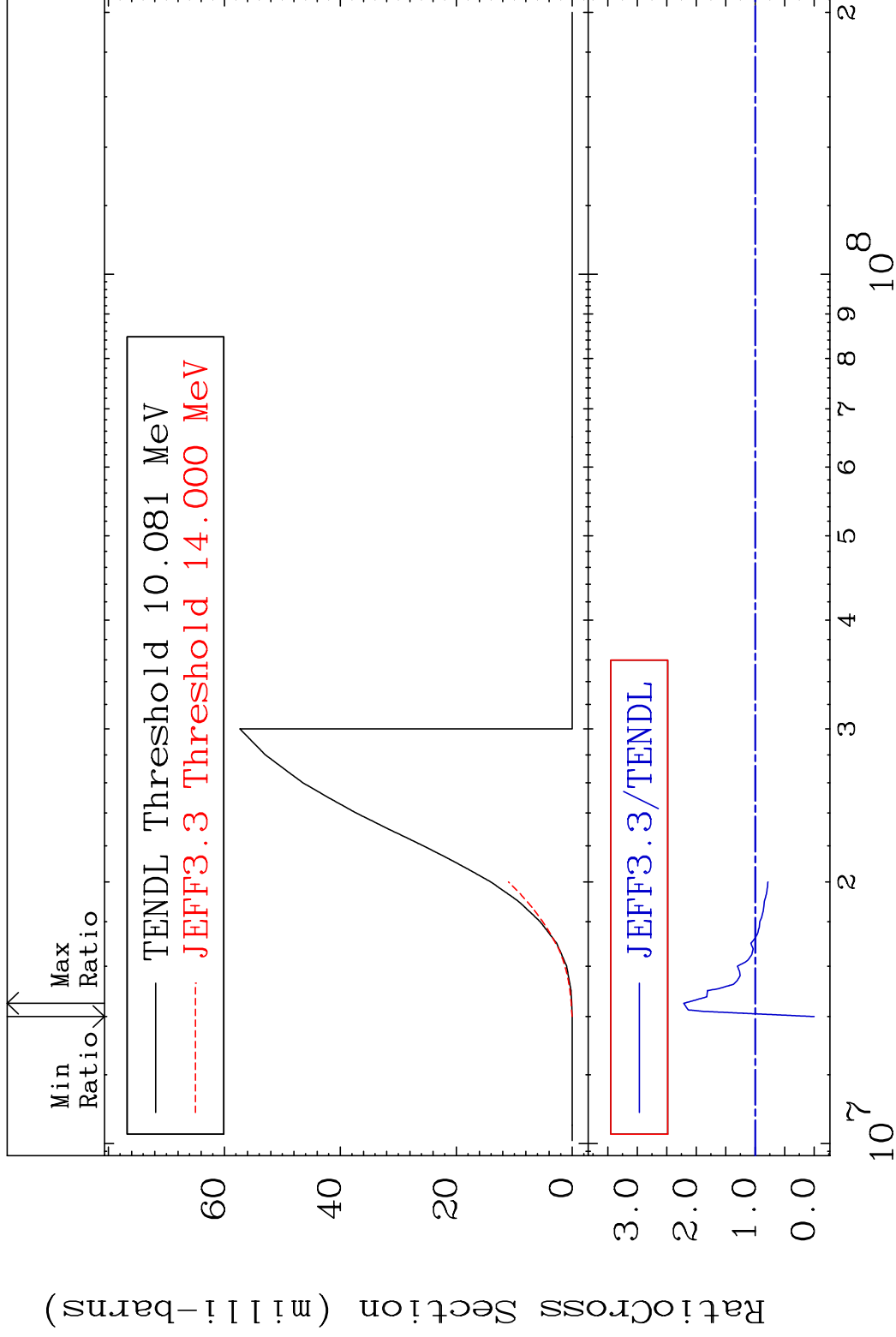
44-Ru-103

MAT 4446

(n, n') p

44-Ru-103

Cross Section -100.0 To 121.2 %



7

Incident Energy (eV)

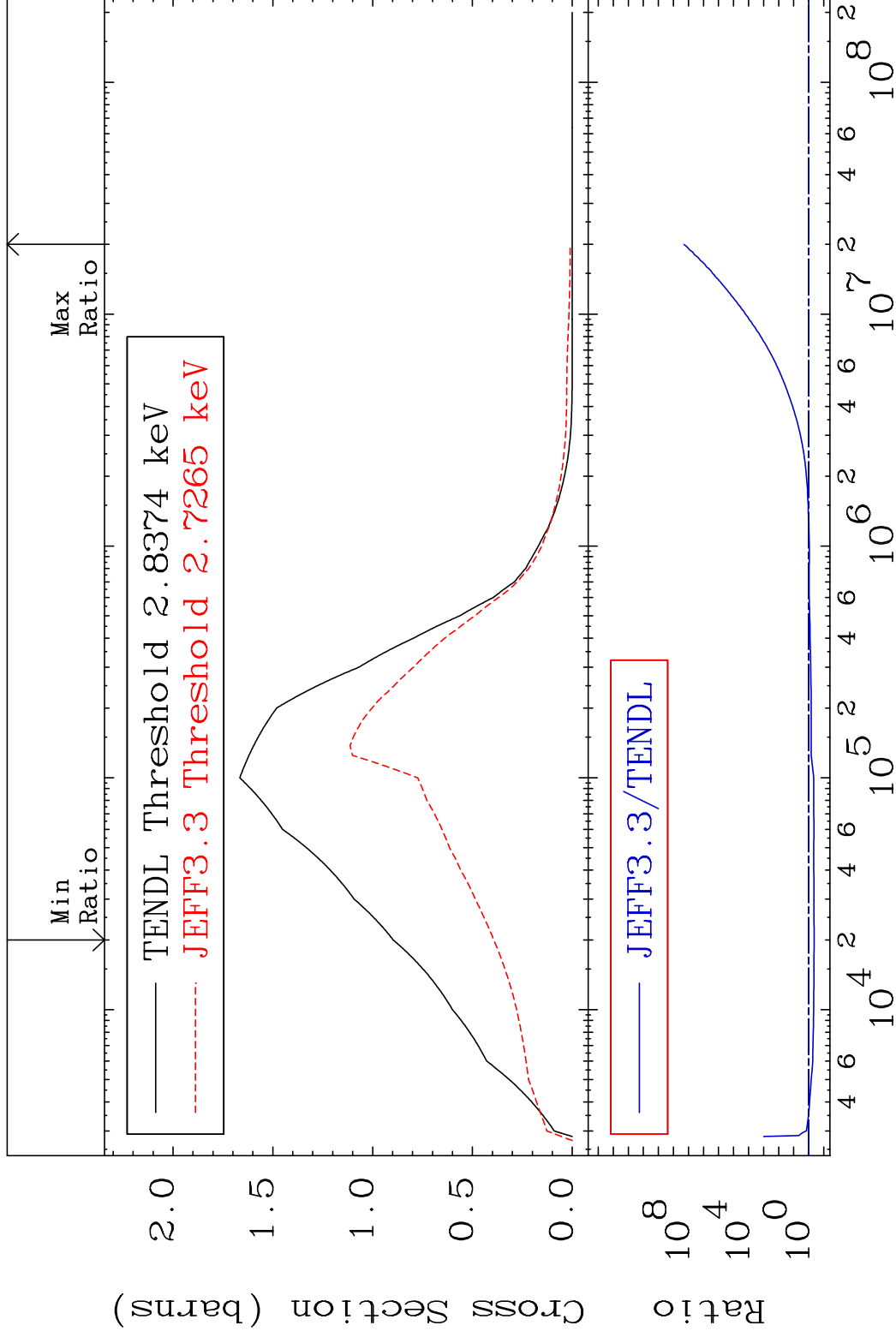
44-Ru-103

MAT 4446

MT= 51 (n, n') Level

44-Ru-103

Cross Section -56.18 To 9999. %

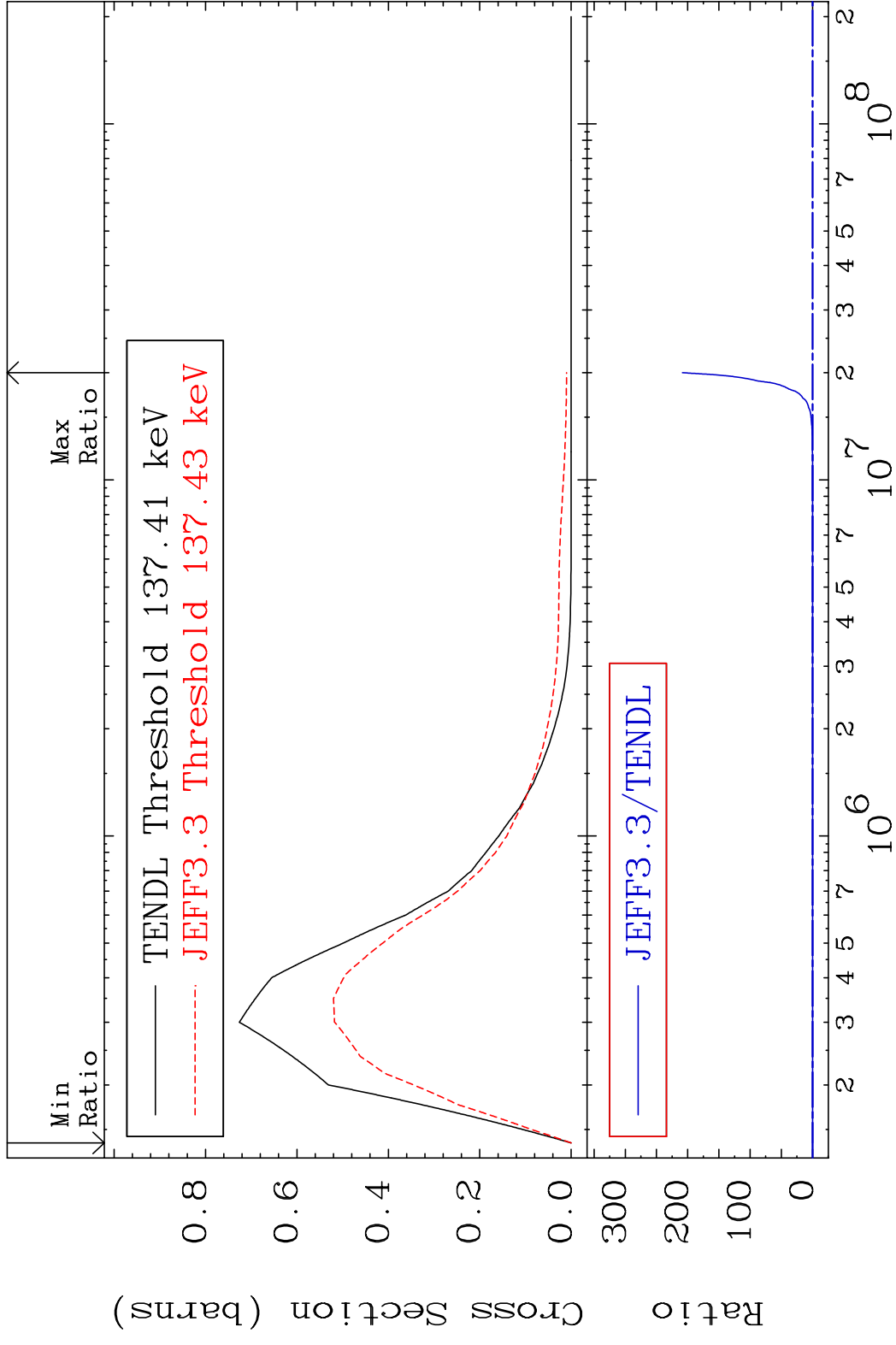


8

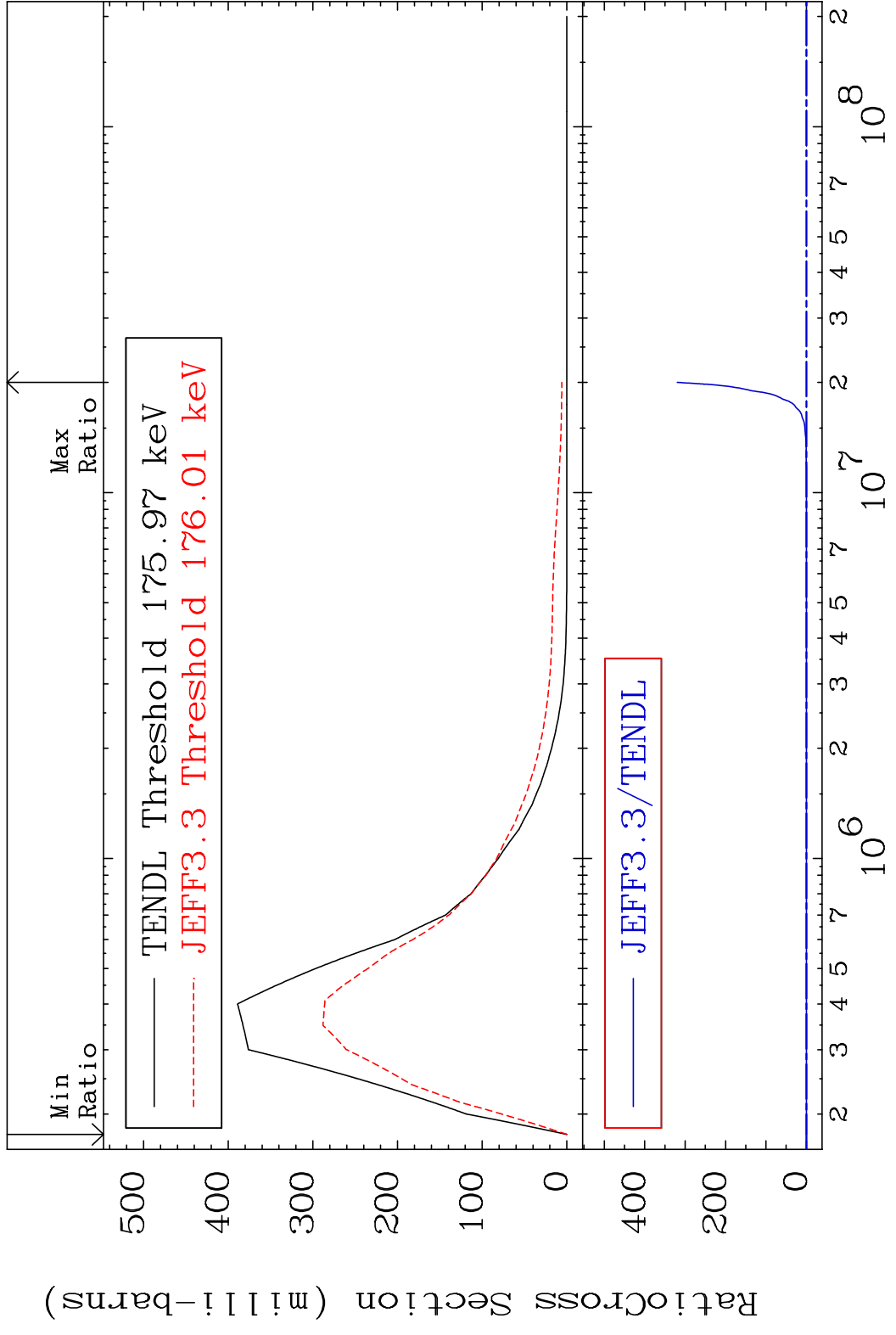
Incident Energy (eV)

44-Ru-103

MAT 4446 MT= 52 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

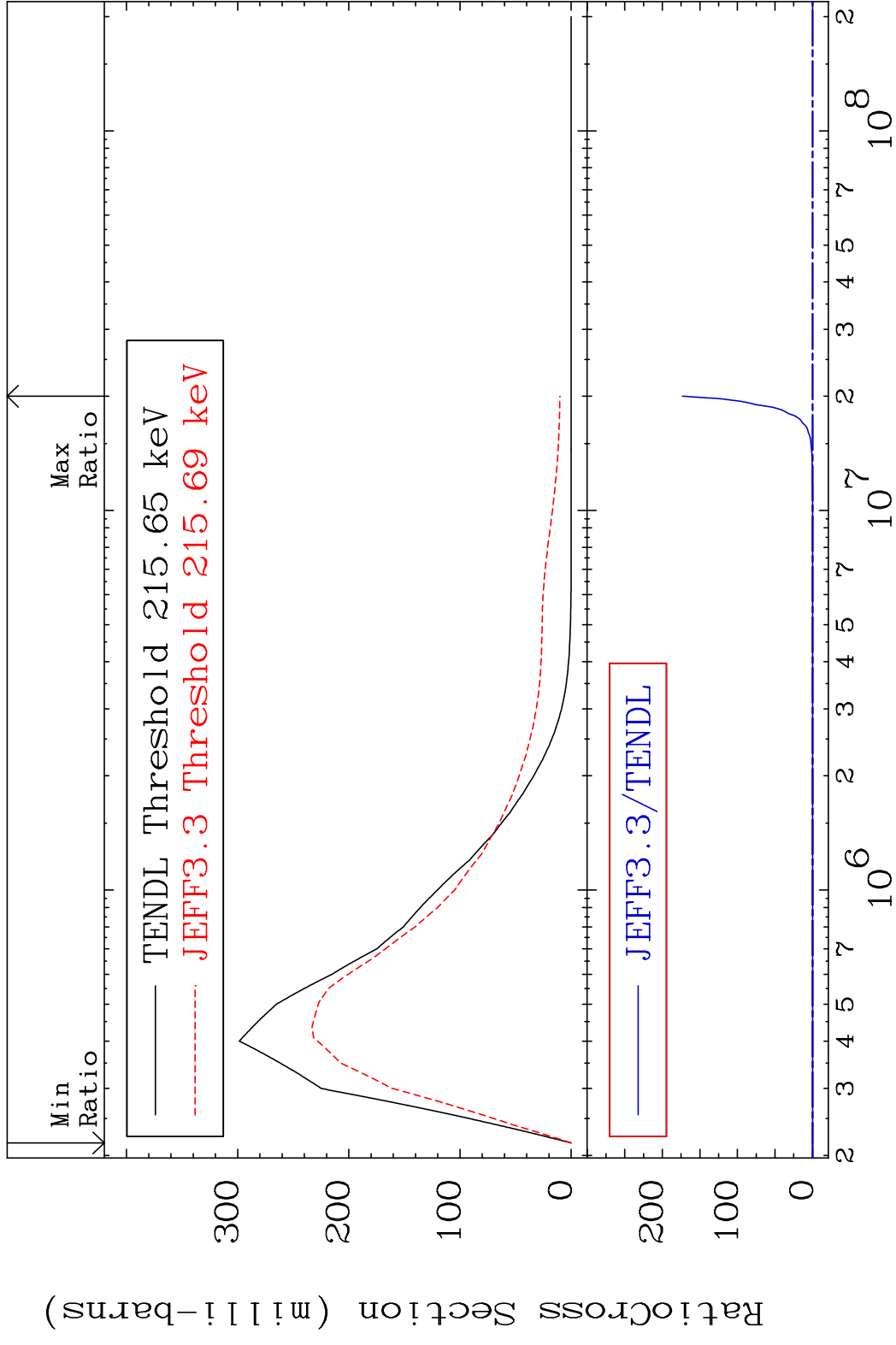


MAT 4446 MT= 53 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

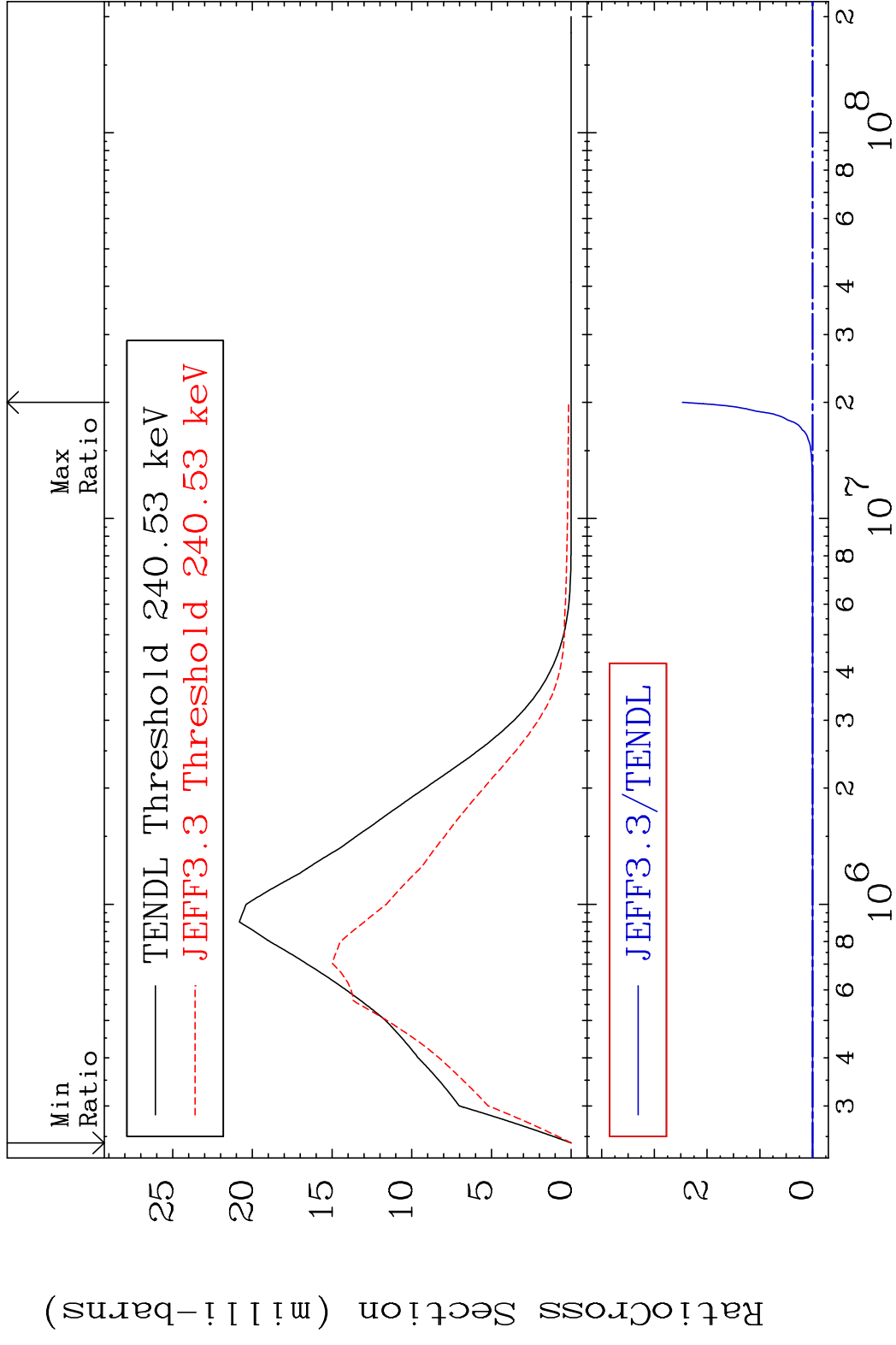


10 44-Ru-103

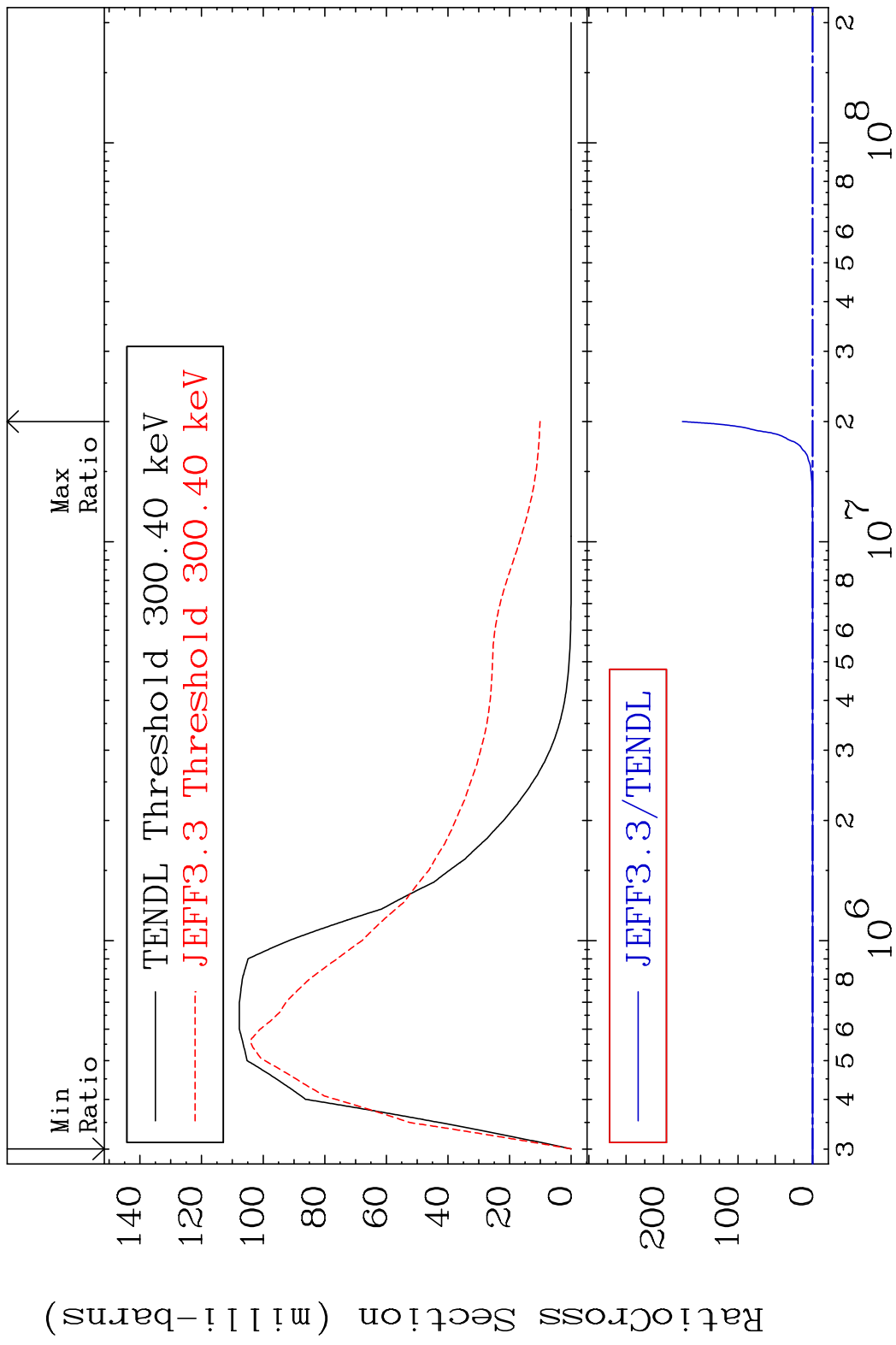
MAT 4446 MT= 54 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



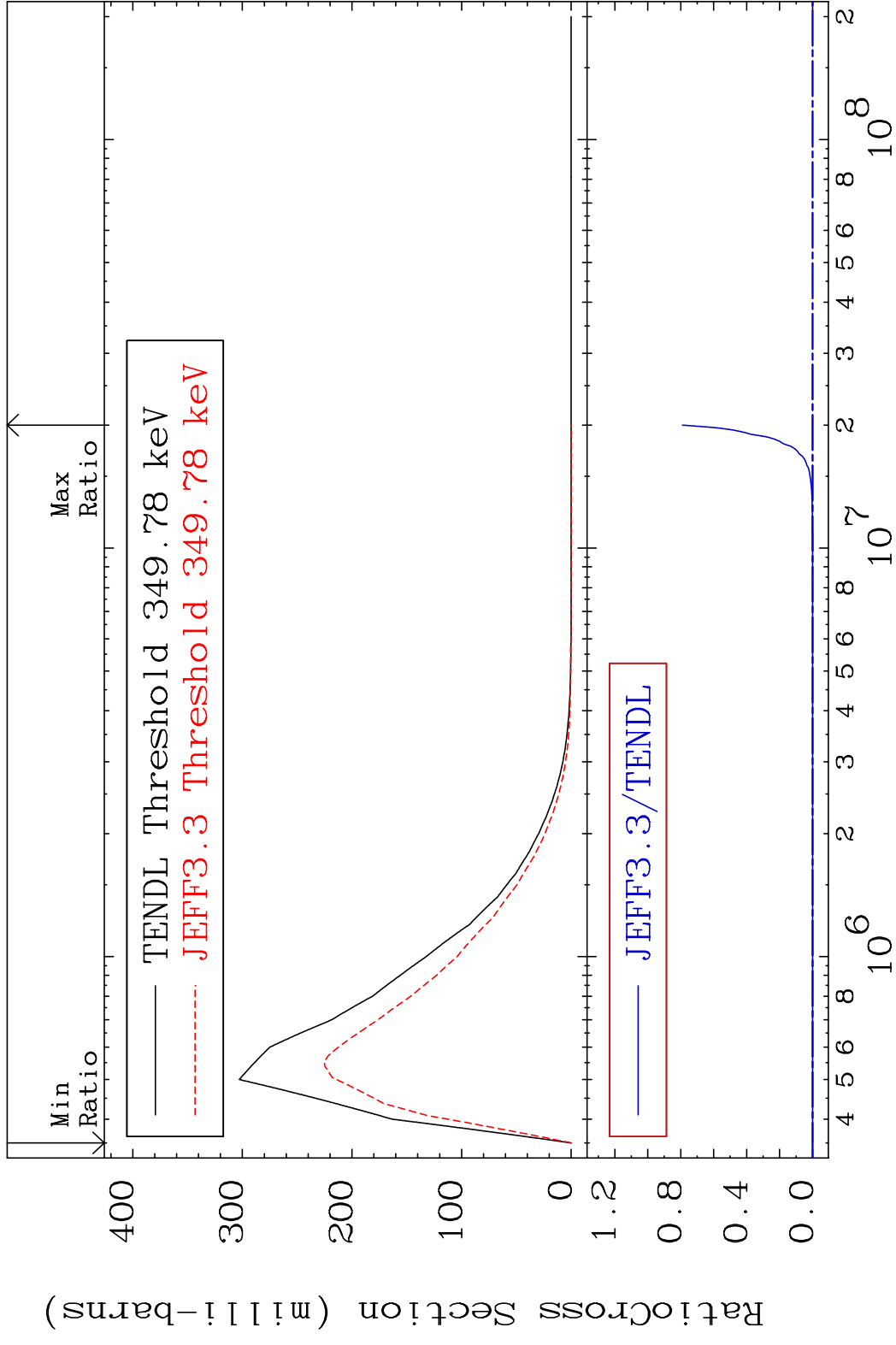
MAT 4446 MT= 55 (n,n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



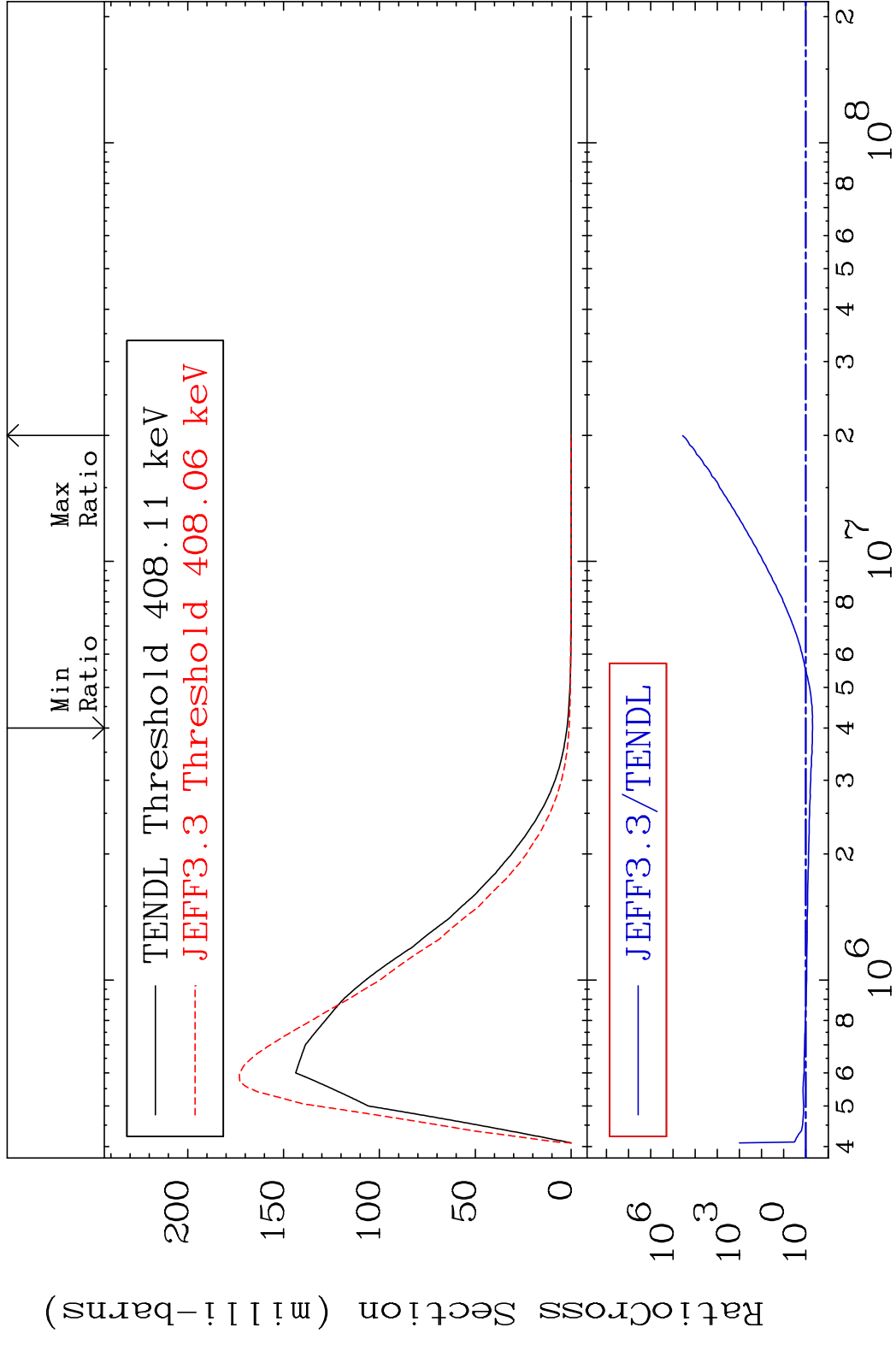
MAT 4446 MT= 56 (n,n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



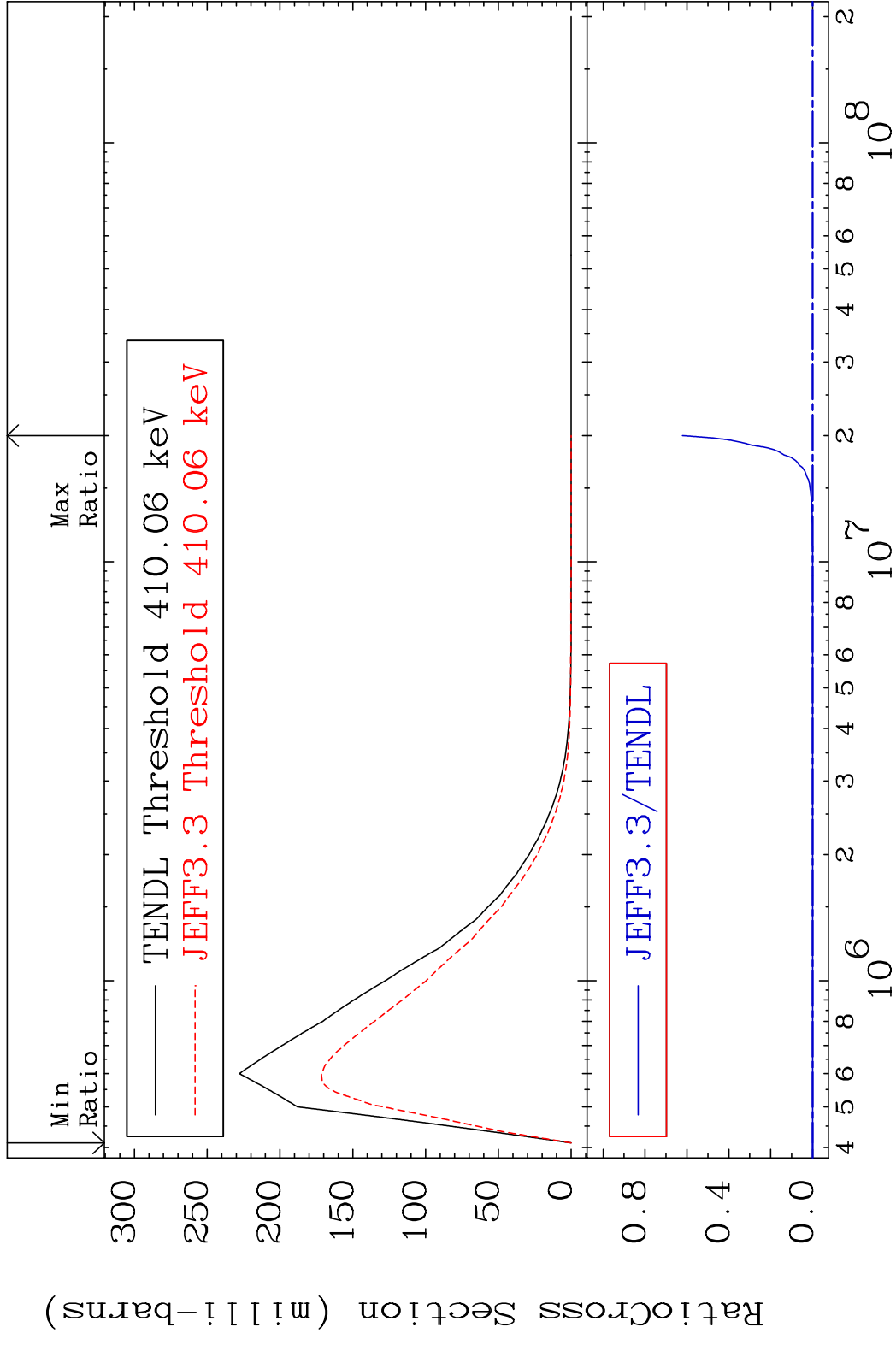
MAT 4446 MT= 57 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



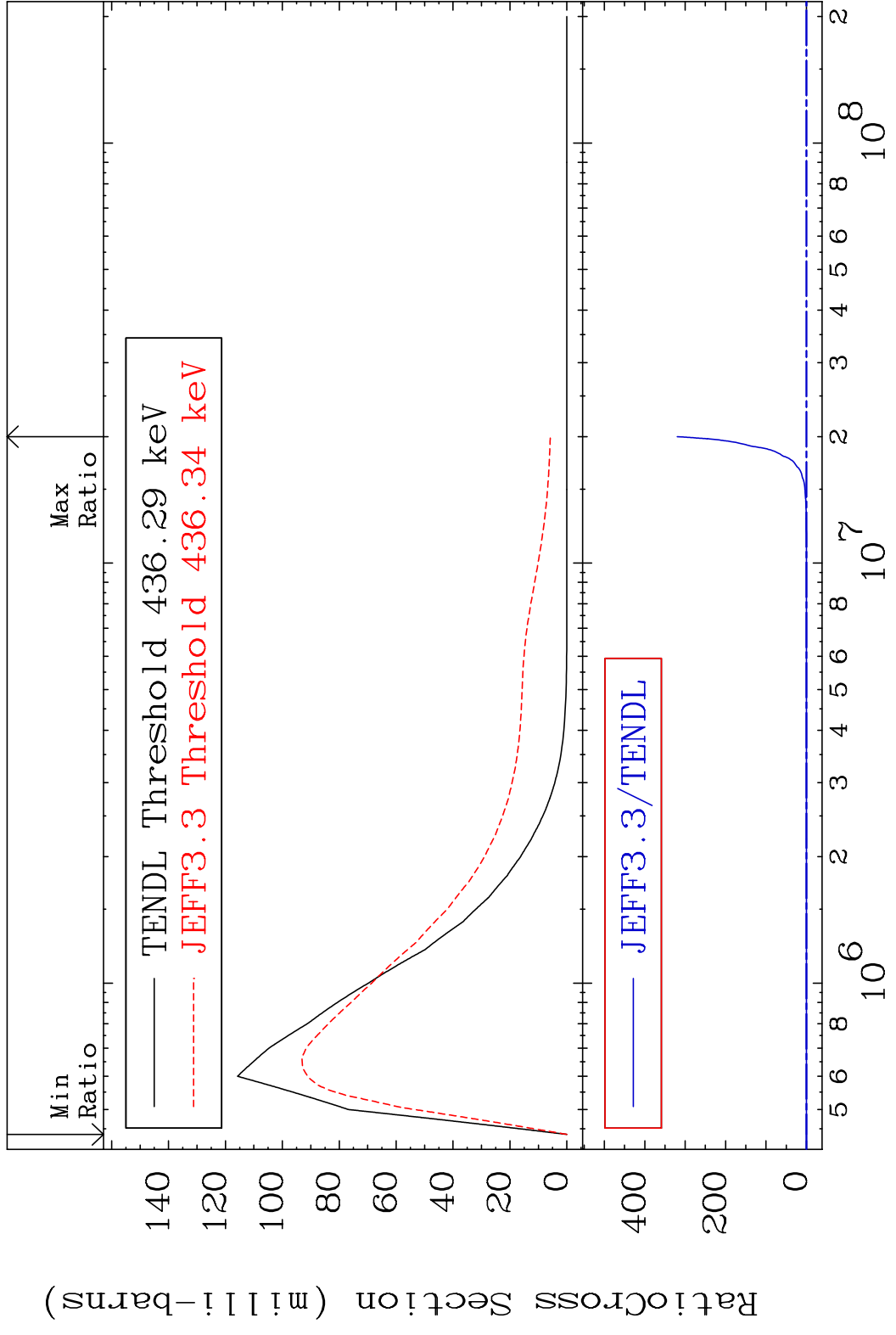
MAT 4446 MT= 58 (n, n') Level 44-Ru-103
 Cross Section -50.08 To 9999. %



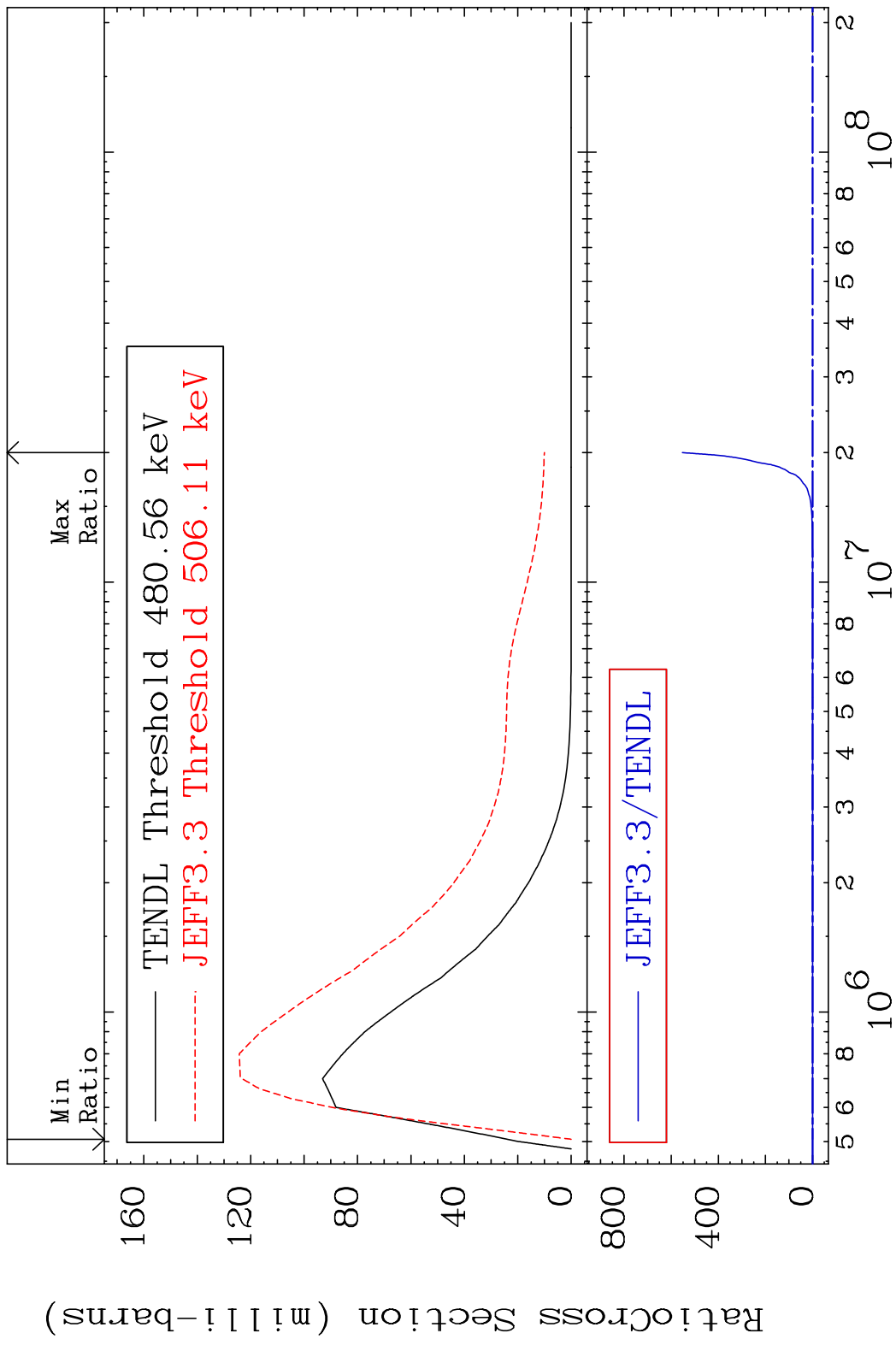
MAT 4446 MT= 59 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



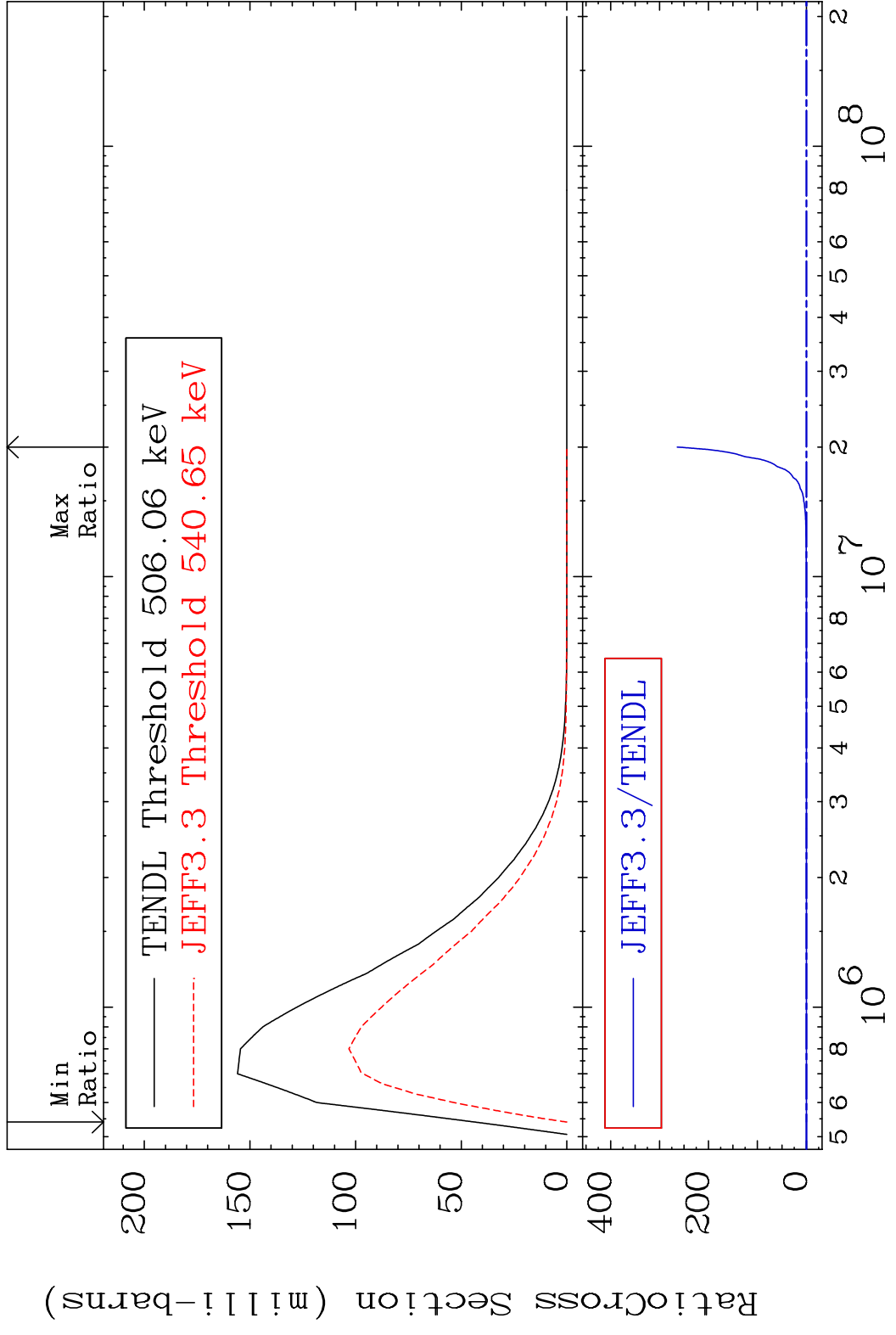
MAT 4446 MT= 60 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



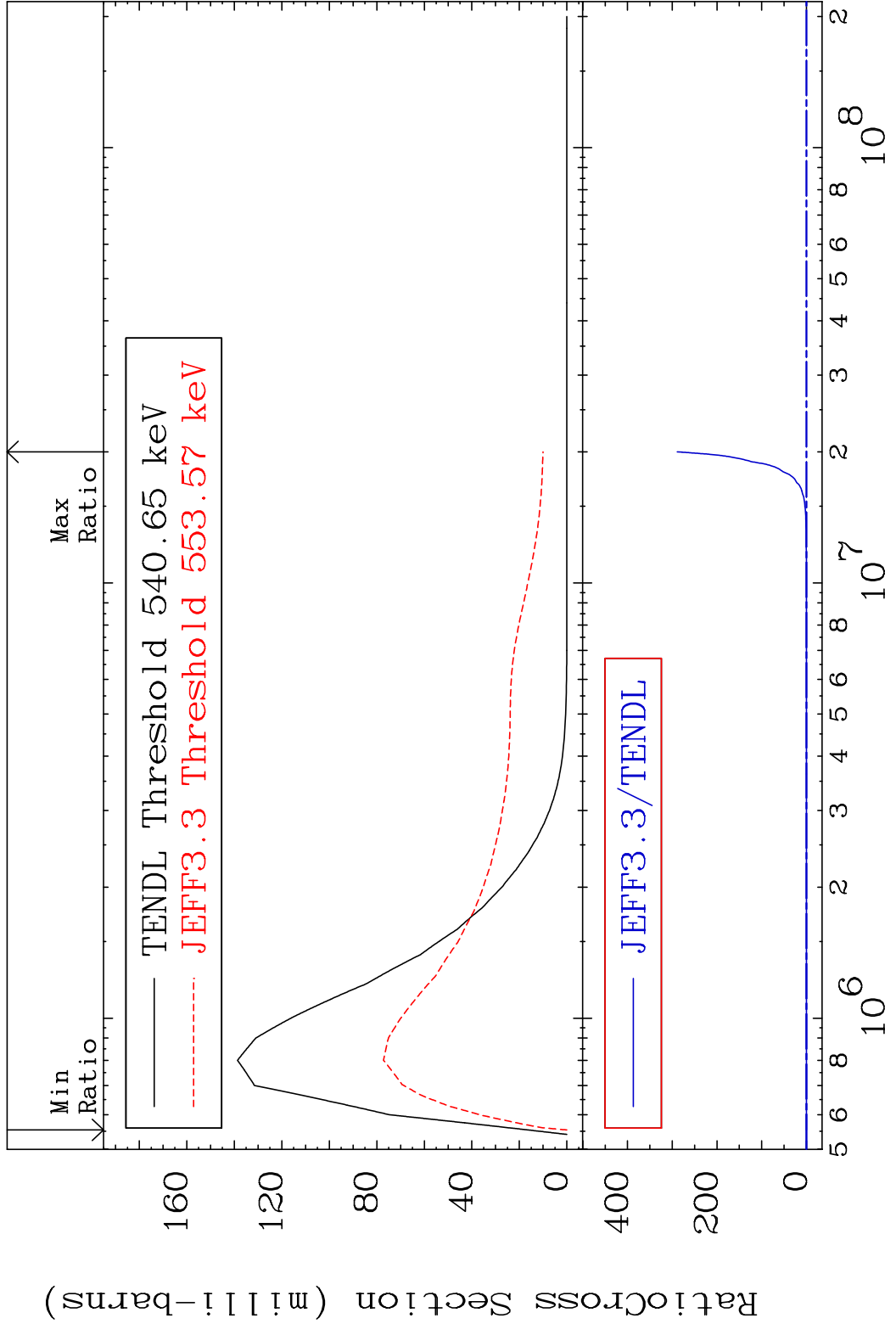
MAT 4446 MT= 61 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



MAT 4446 MT= 62 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

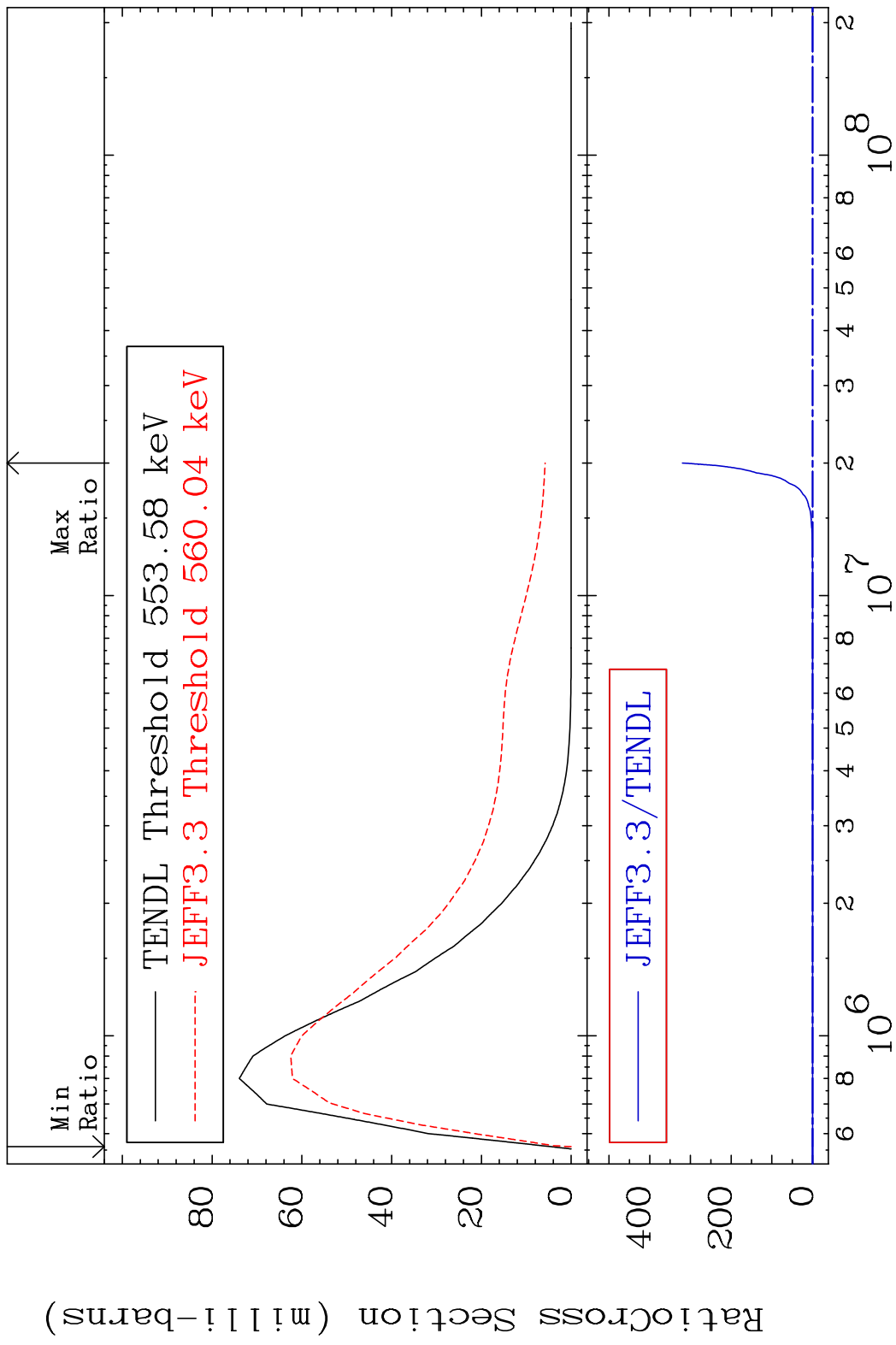


MAT 4446 MT= 63 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

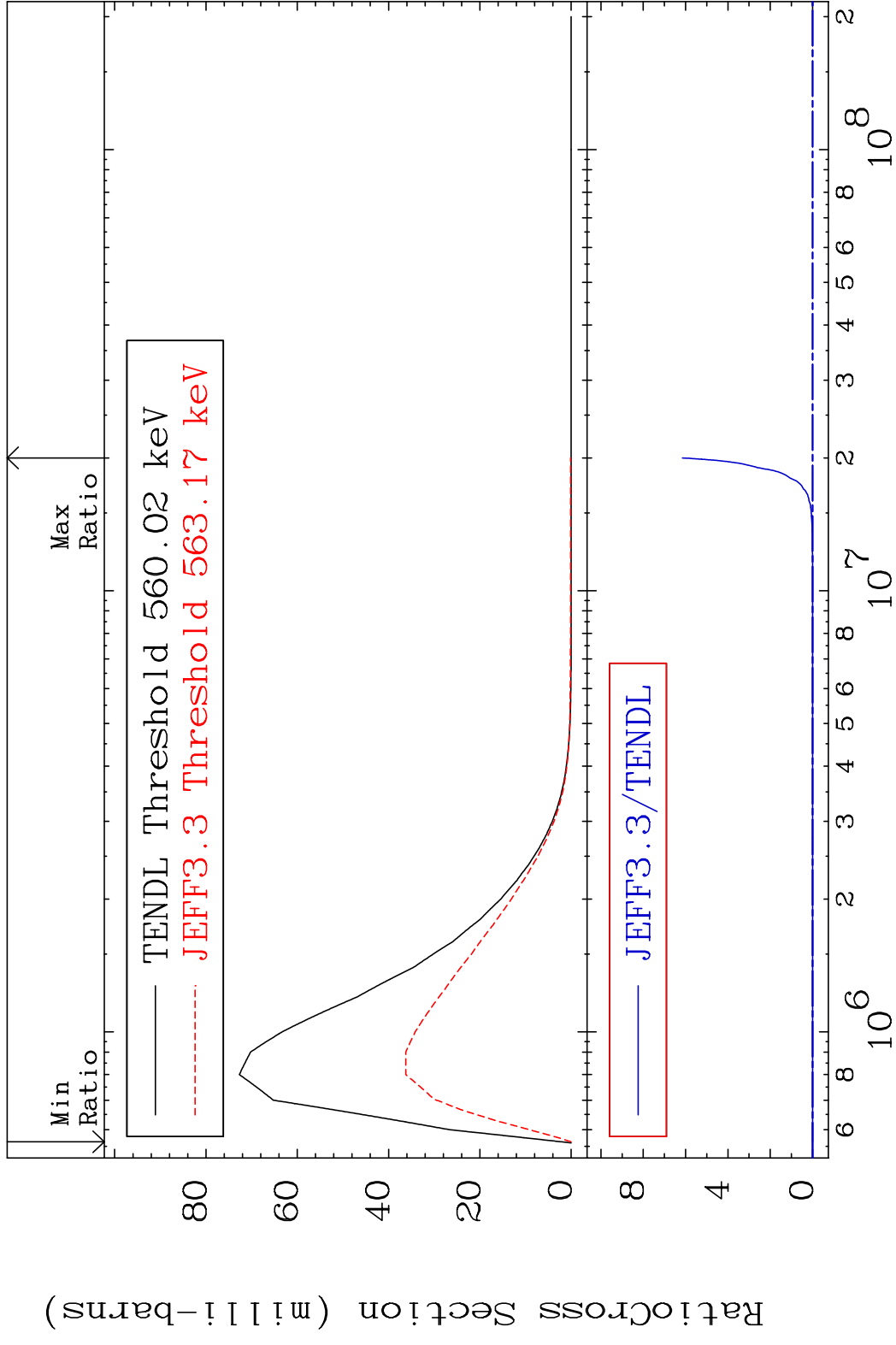


20 44-Ru-103

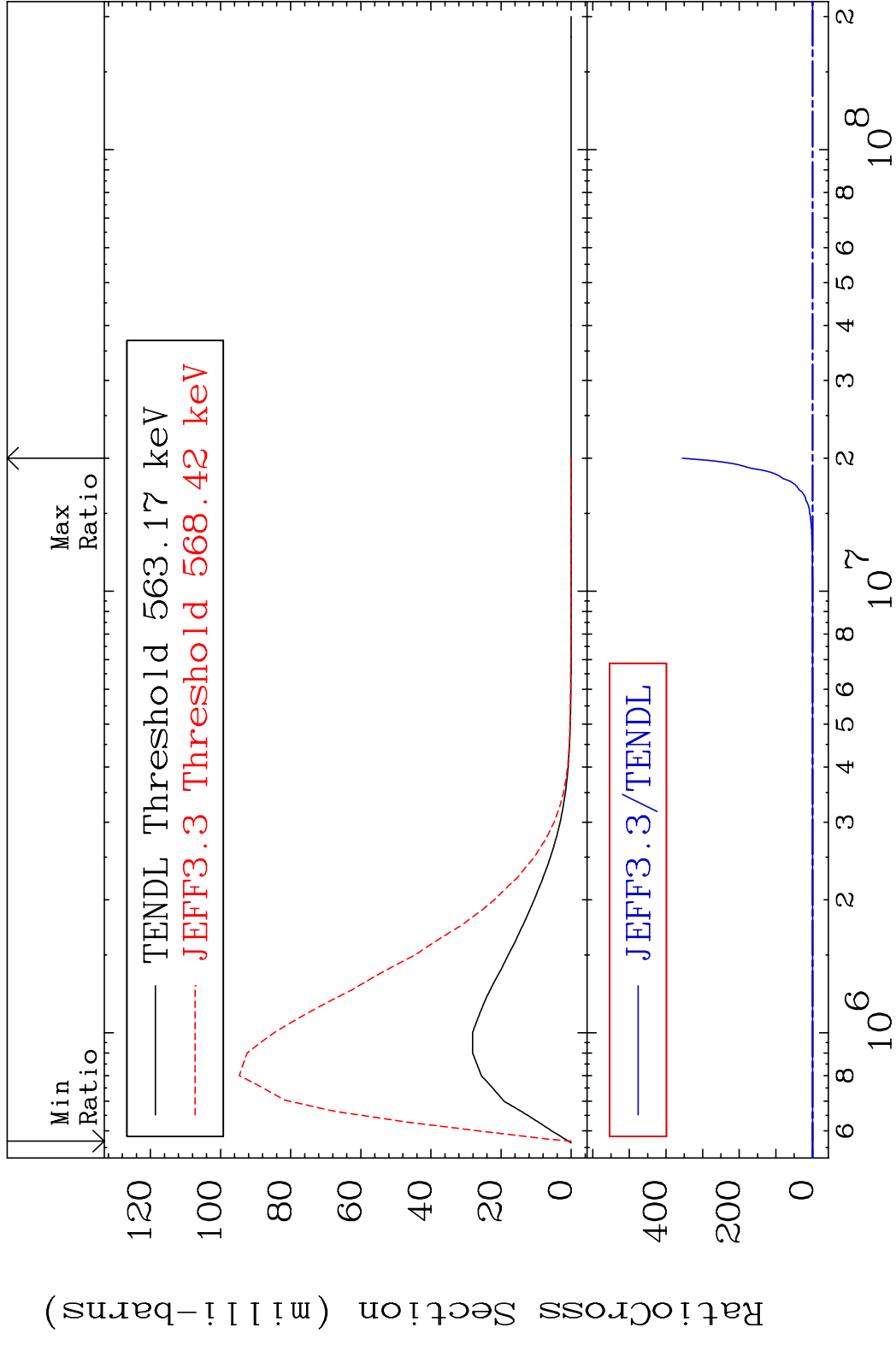
MAT 4446 MT= 64 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



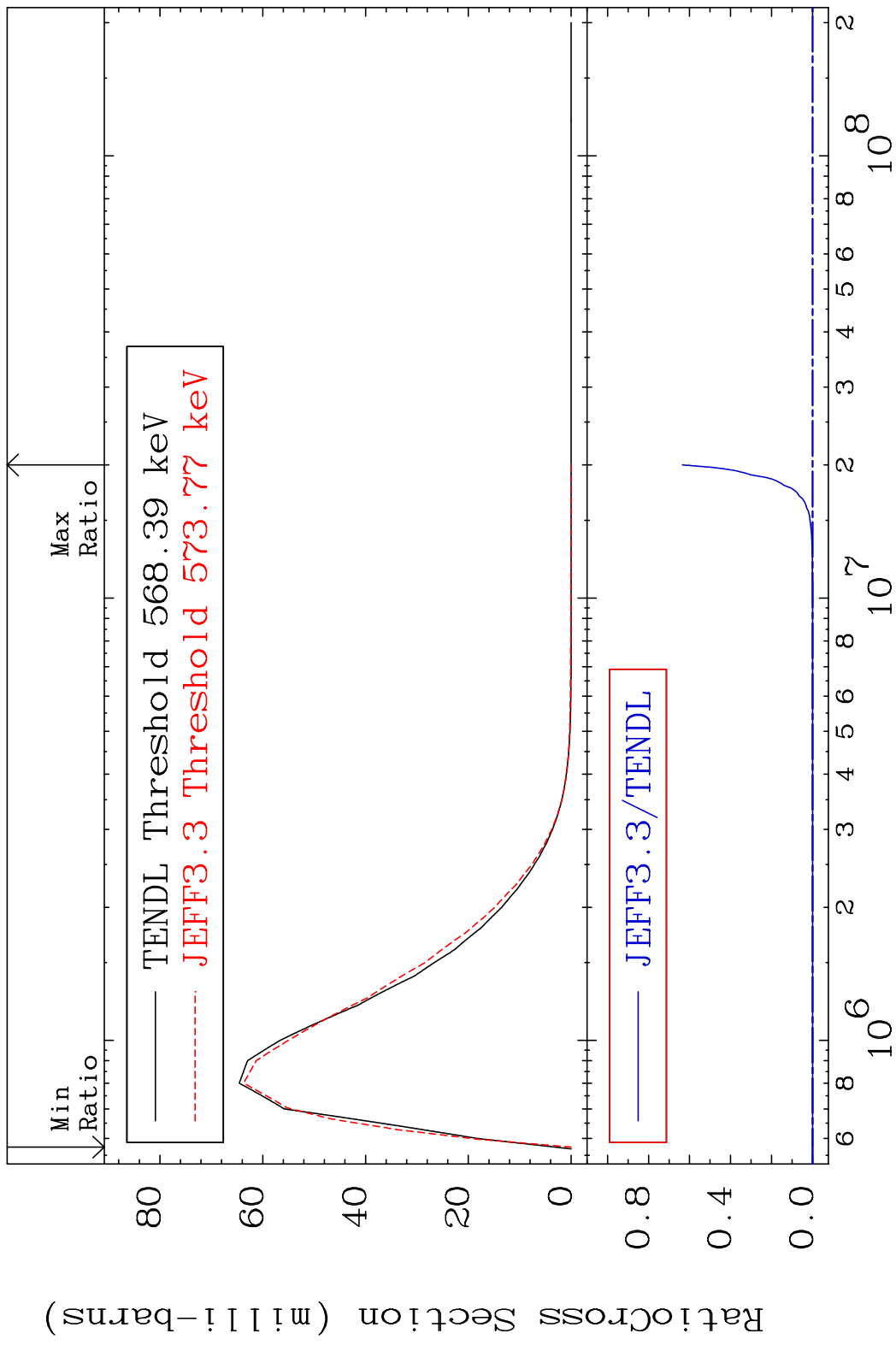
MAT 4446 MT= 65 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



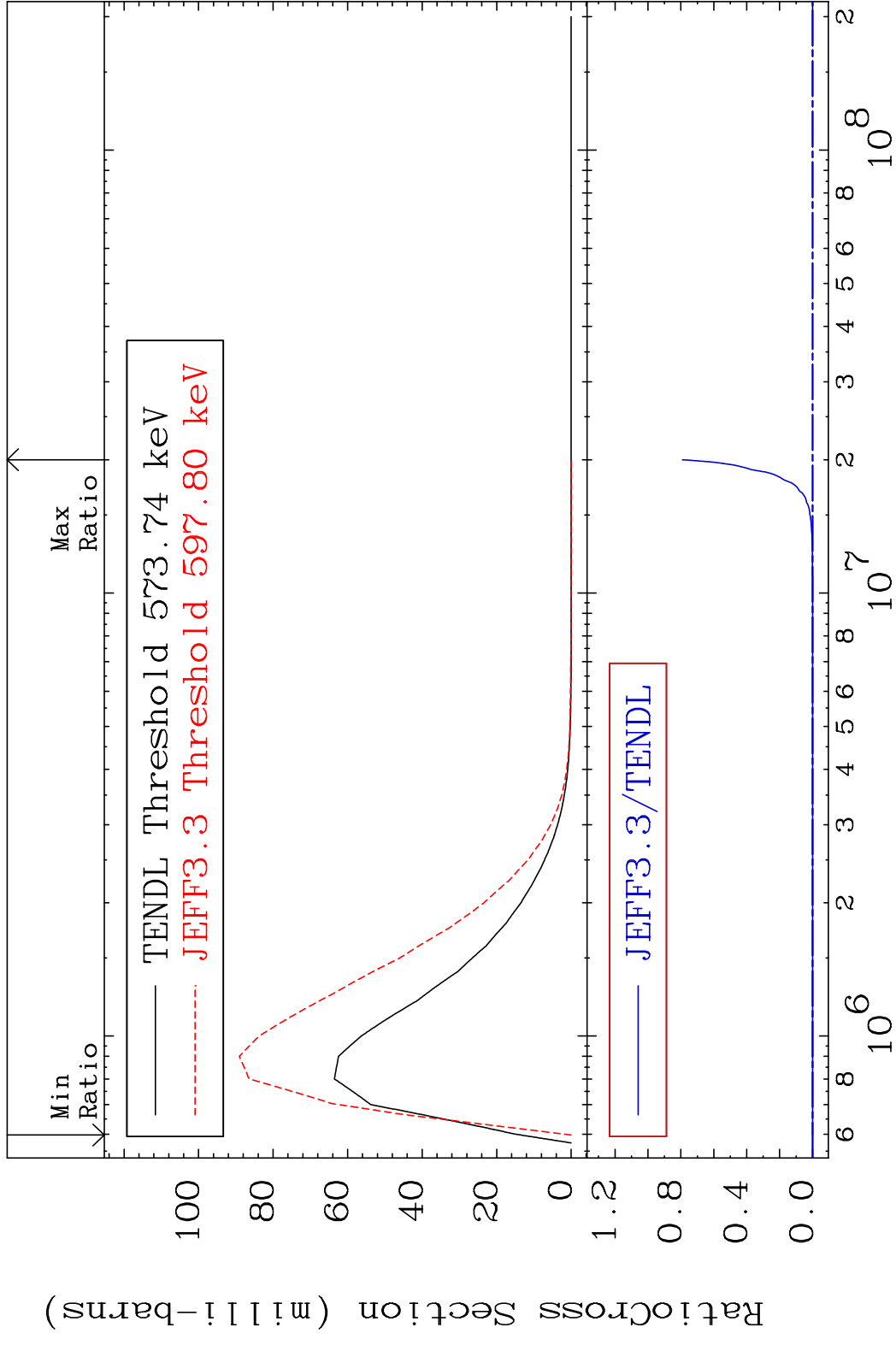
MAT 4446 MT= 66 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



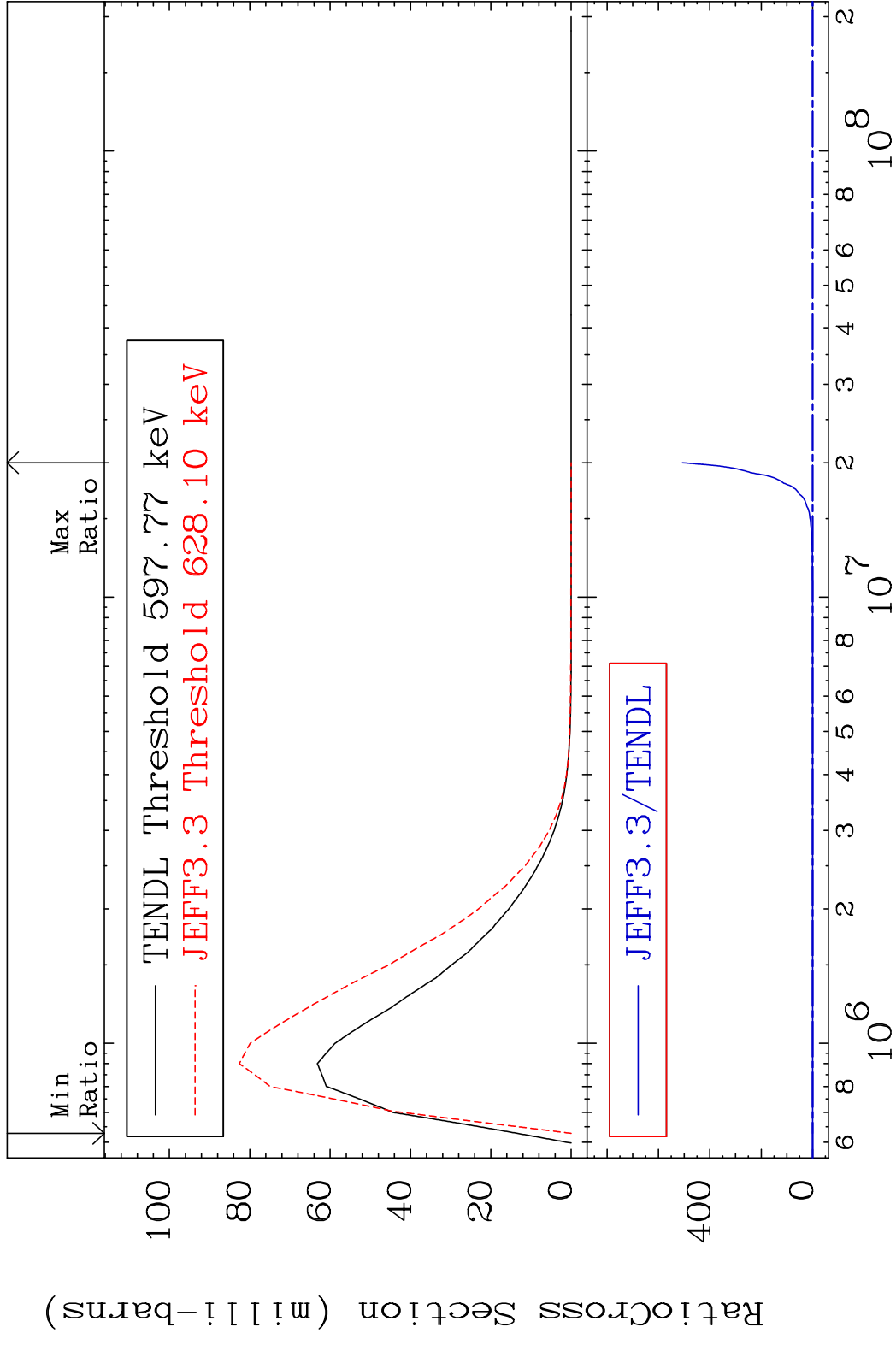
MAT 4446 MT= 67 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



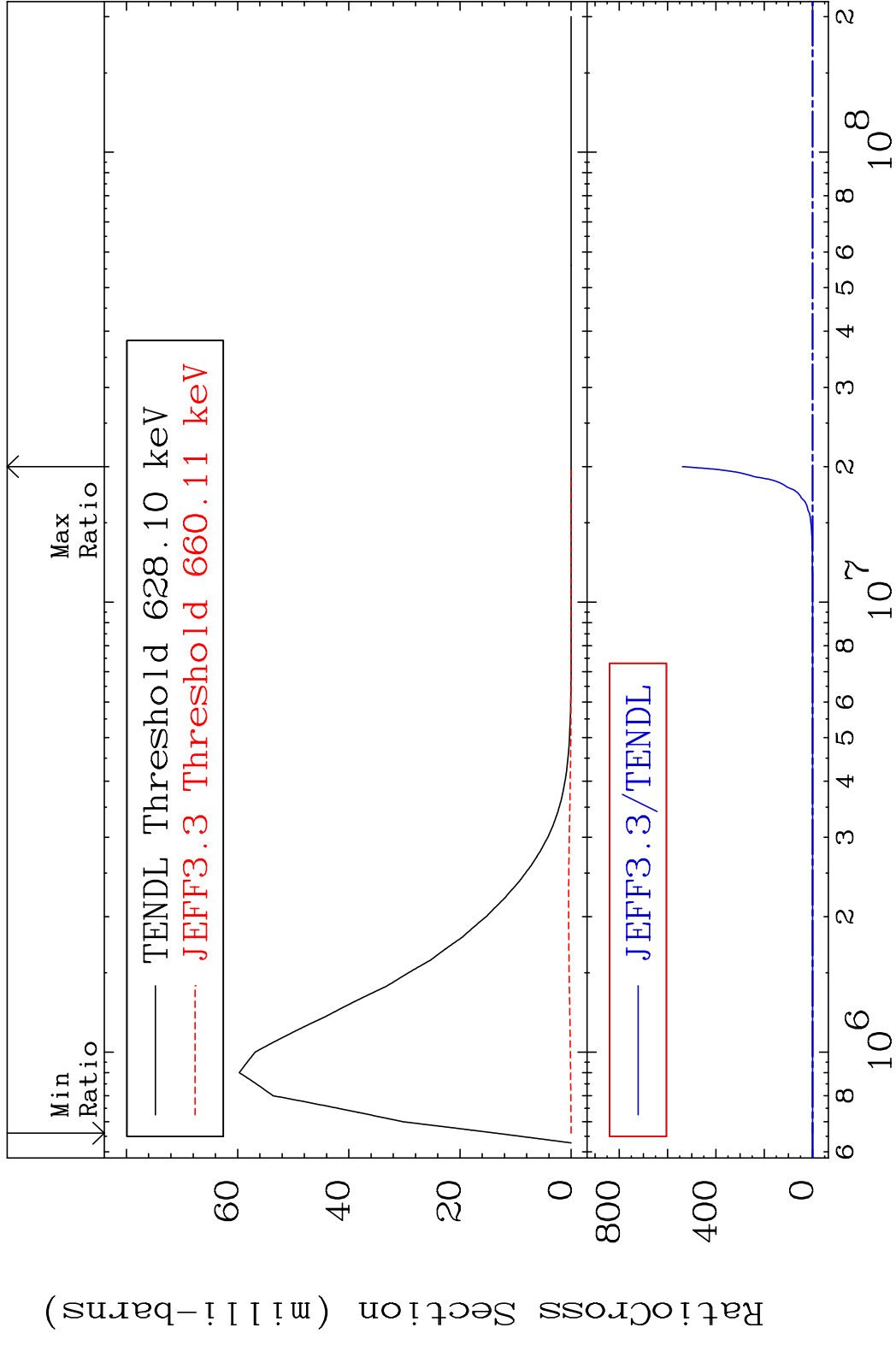
MAT 4446 MT= 68 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



MAT 4446 MT= 69 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

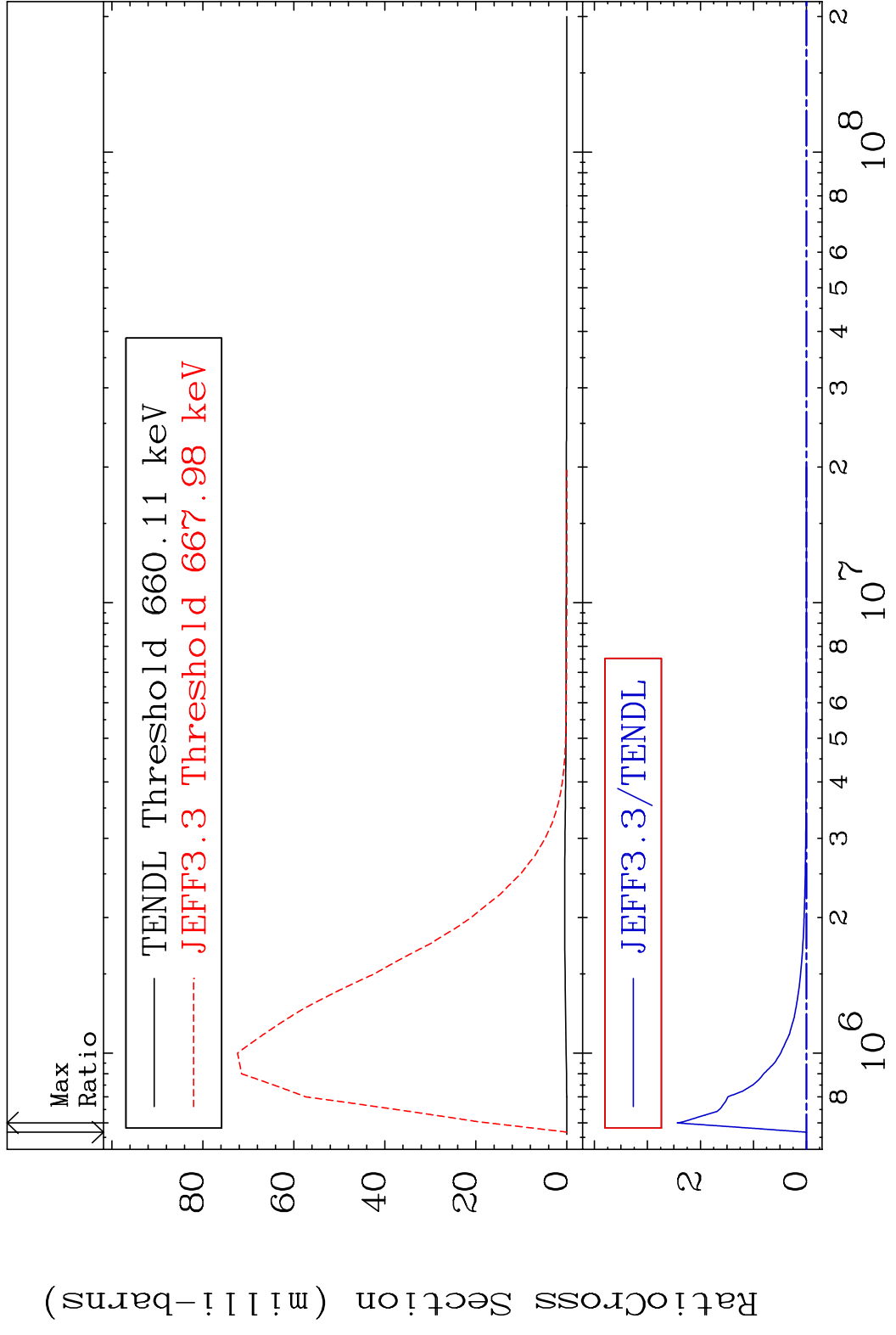


MAT 4446 MT= 70 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %

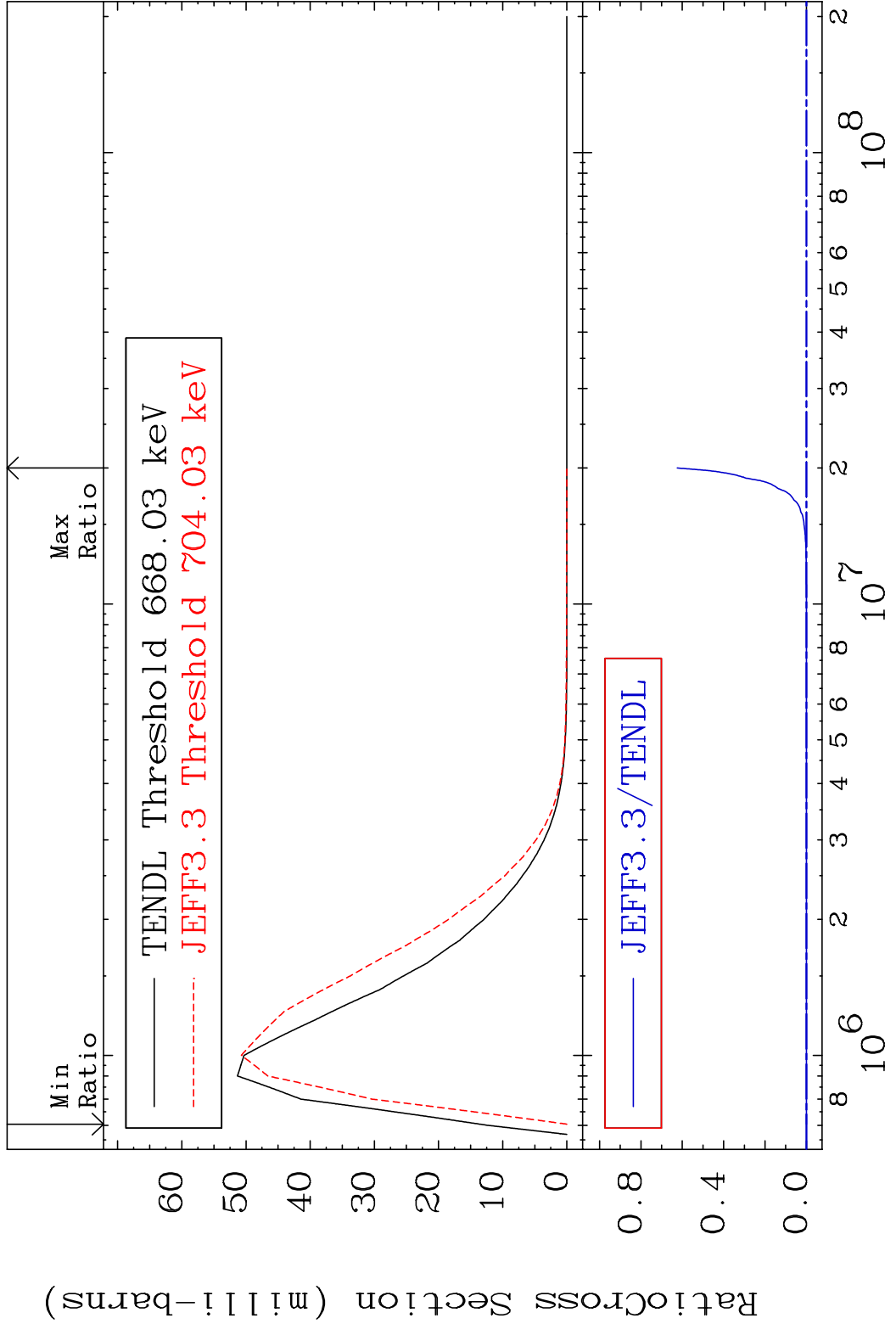


27 Incident Energy (eV) 44-Ru-103

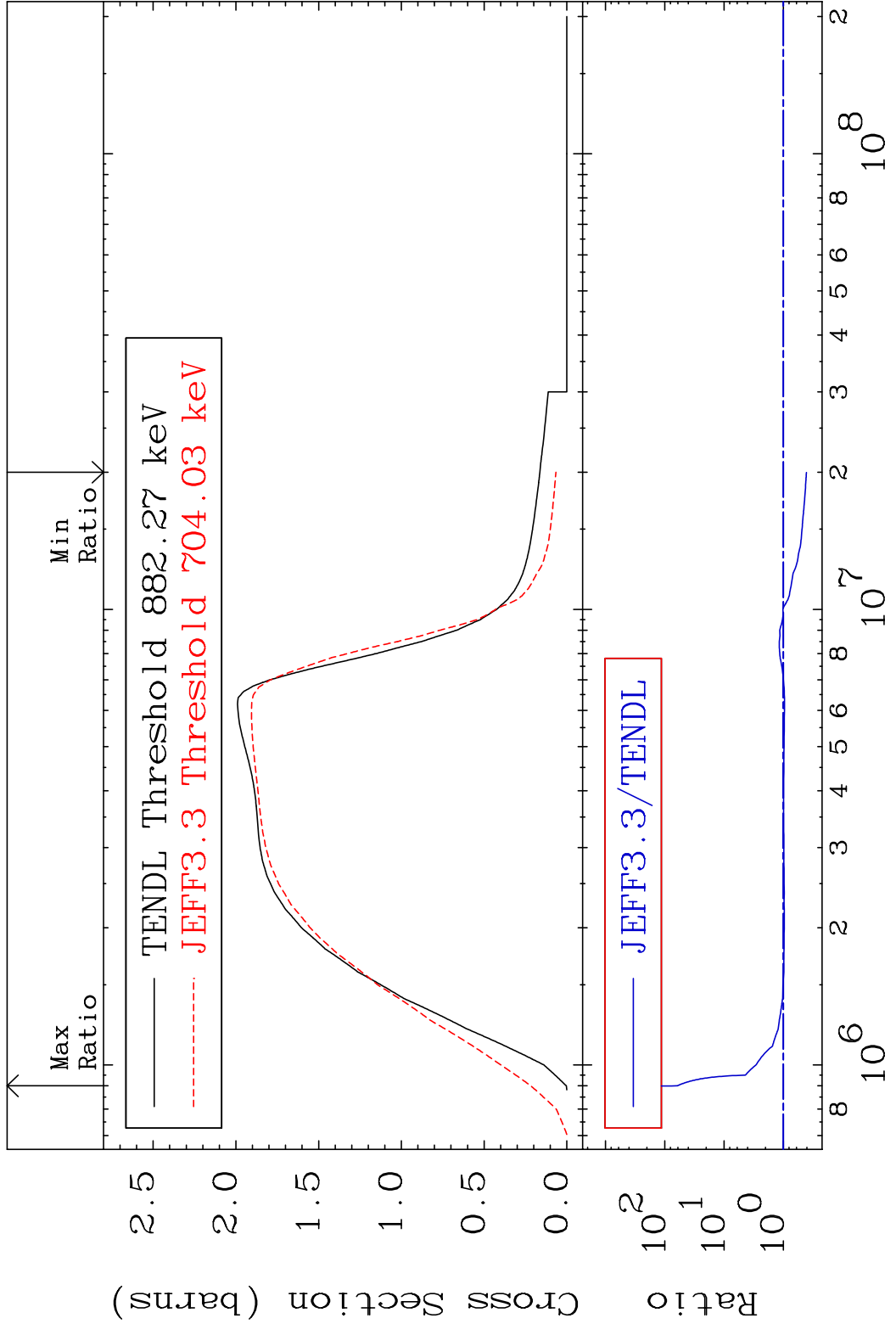
MAT 4446 MT= 71 (n,n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



MAT 4446 MT= 72 (n, n') Level 44-Ru-103
 Cross Section -100.0 To 9999. %



MAT 4446 (n, n') Continuum 44-Ru-103
 Cross Section -59.16 To 6057. %

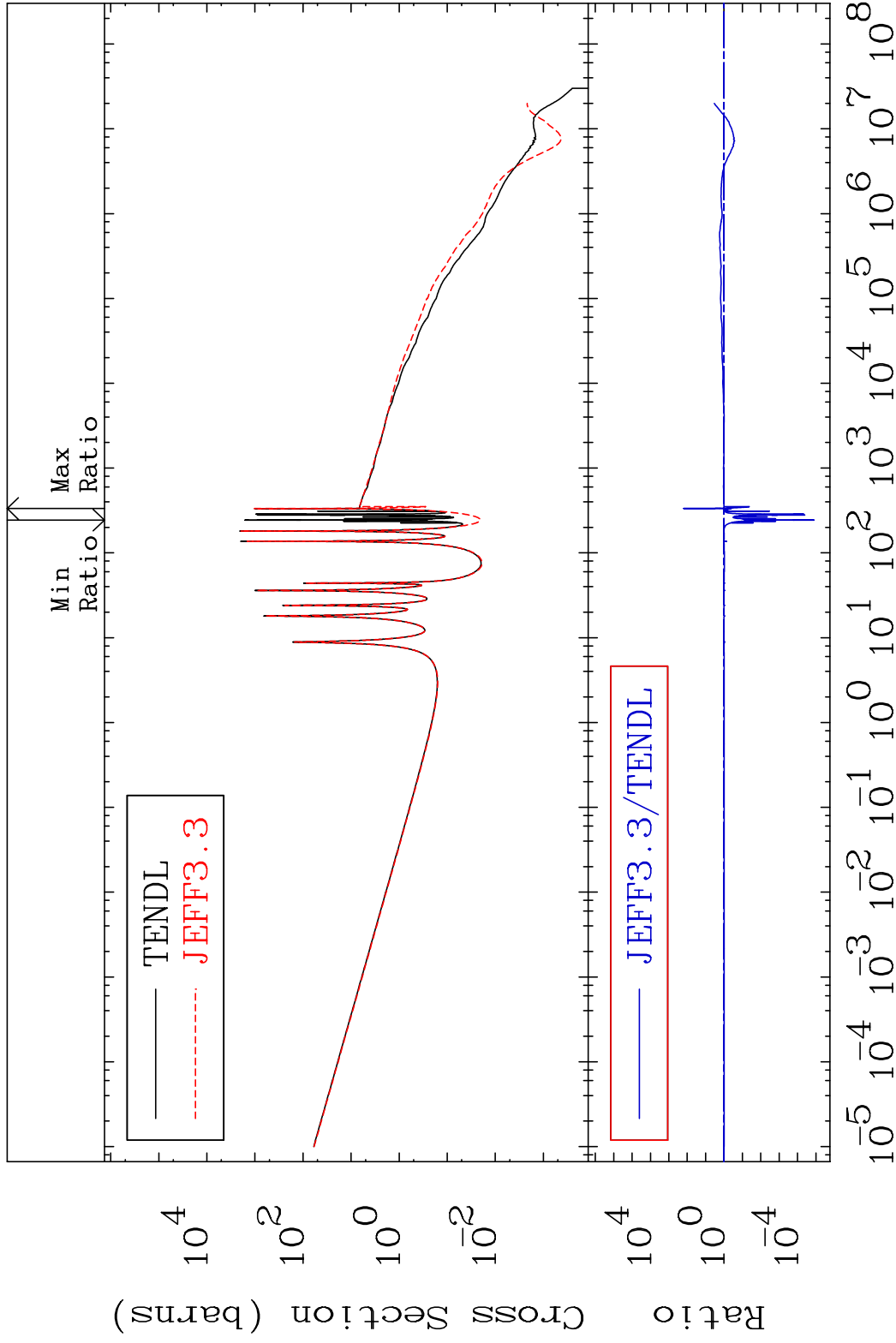


MAT 4446

(n, γ)

44-Ru-103

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

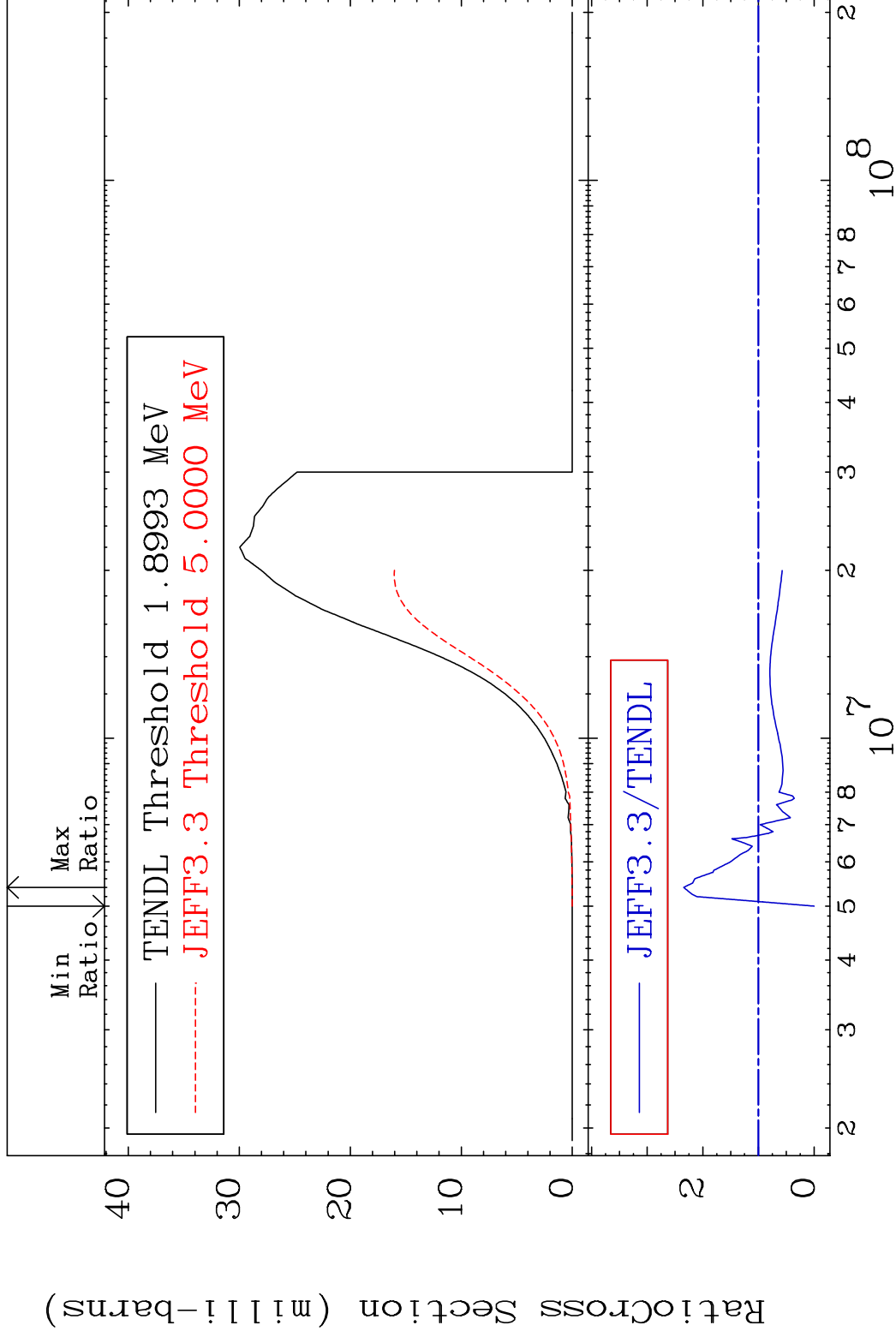
44-Ru-103

MAT 4446

(n, p)

44-Ru-103

Cross Section -100.0 To 134.5 %



32

Incident Energy (eV)

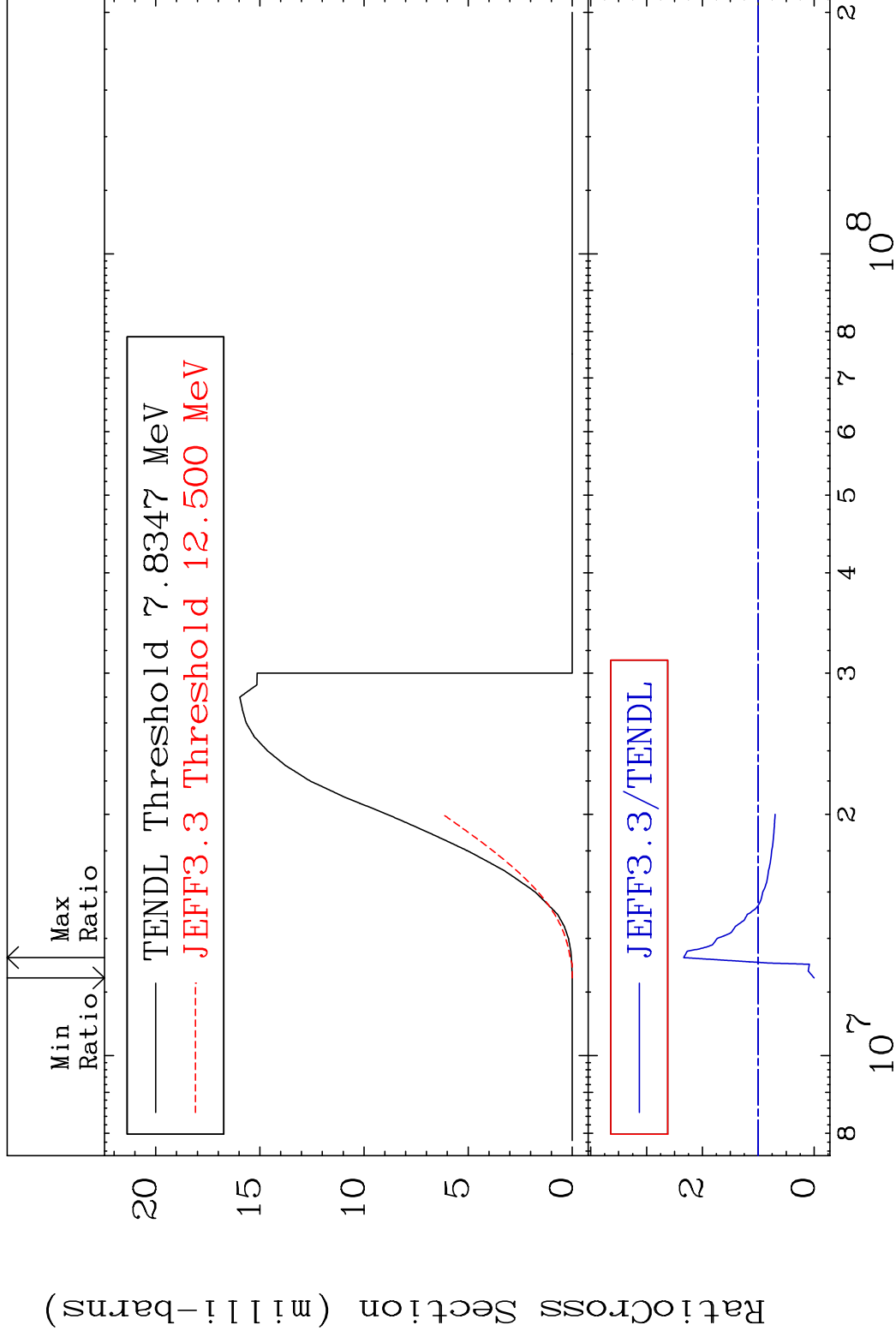
44-Ru-103

MAT 4446

(n, d)

44-Ru-103

Cross Section -100.0 To 133.6 %



33

Incident Energy (eV)

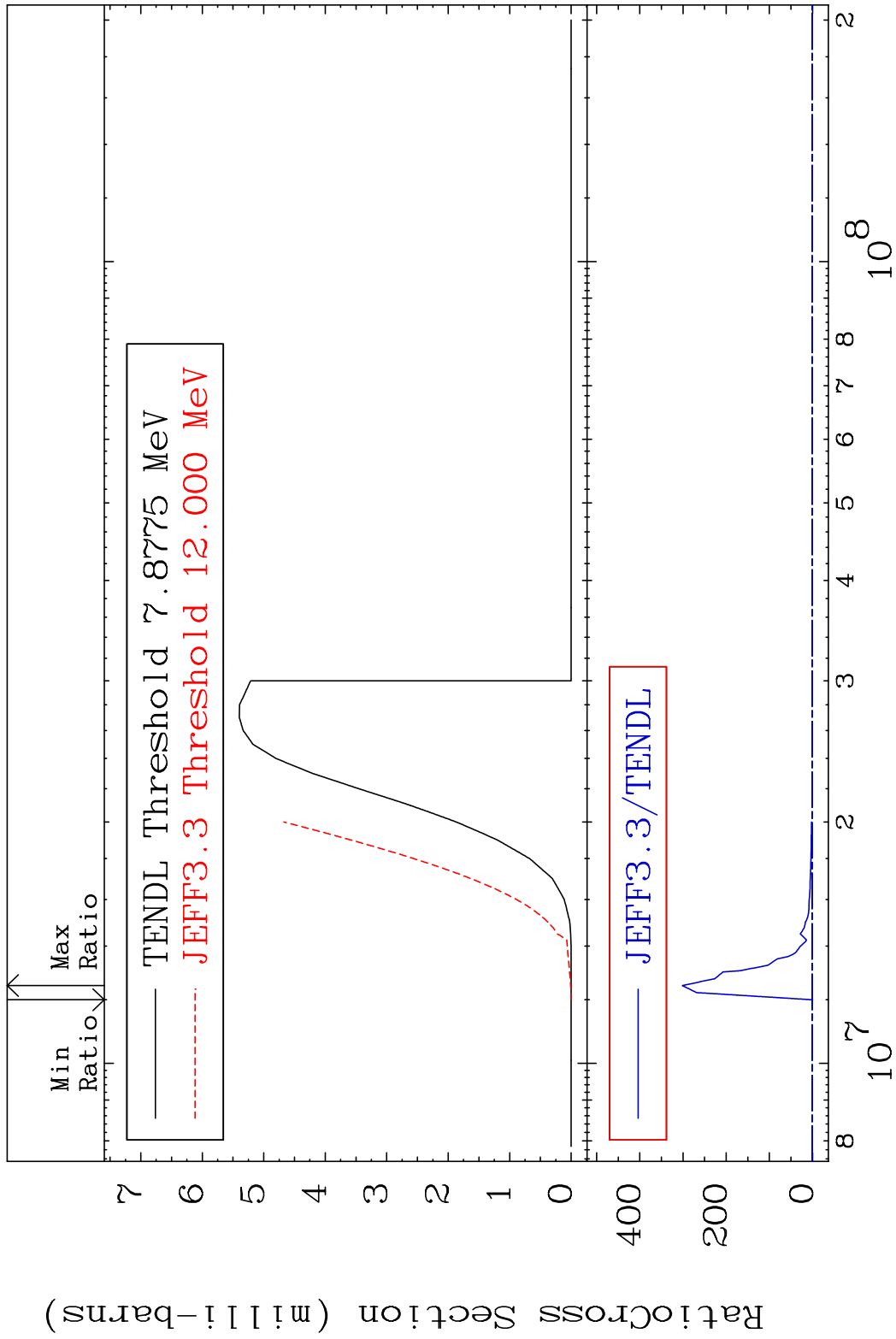
44-Ru-103

MAT 4446

(n, t)

44-Ru-103

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

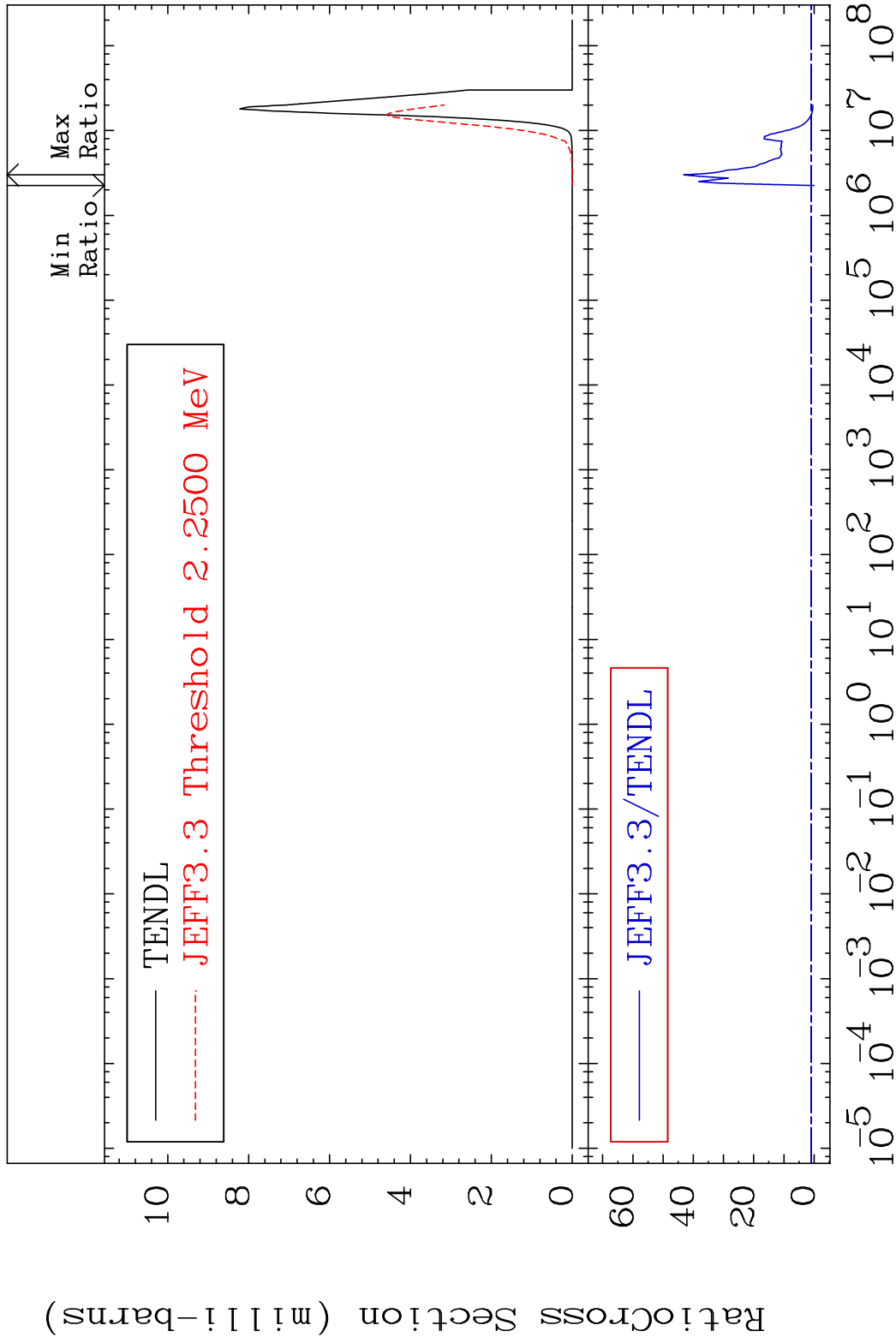
44-Ru-103

MAT 4446

(n, α)

44-Ru-103

Cross Section -100.0 To 4219. %



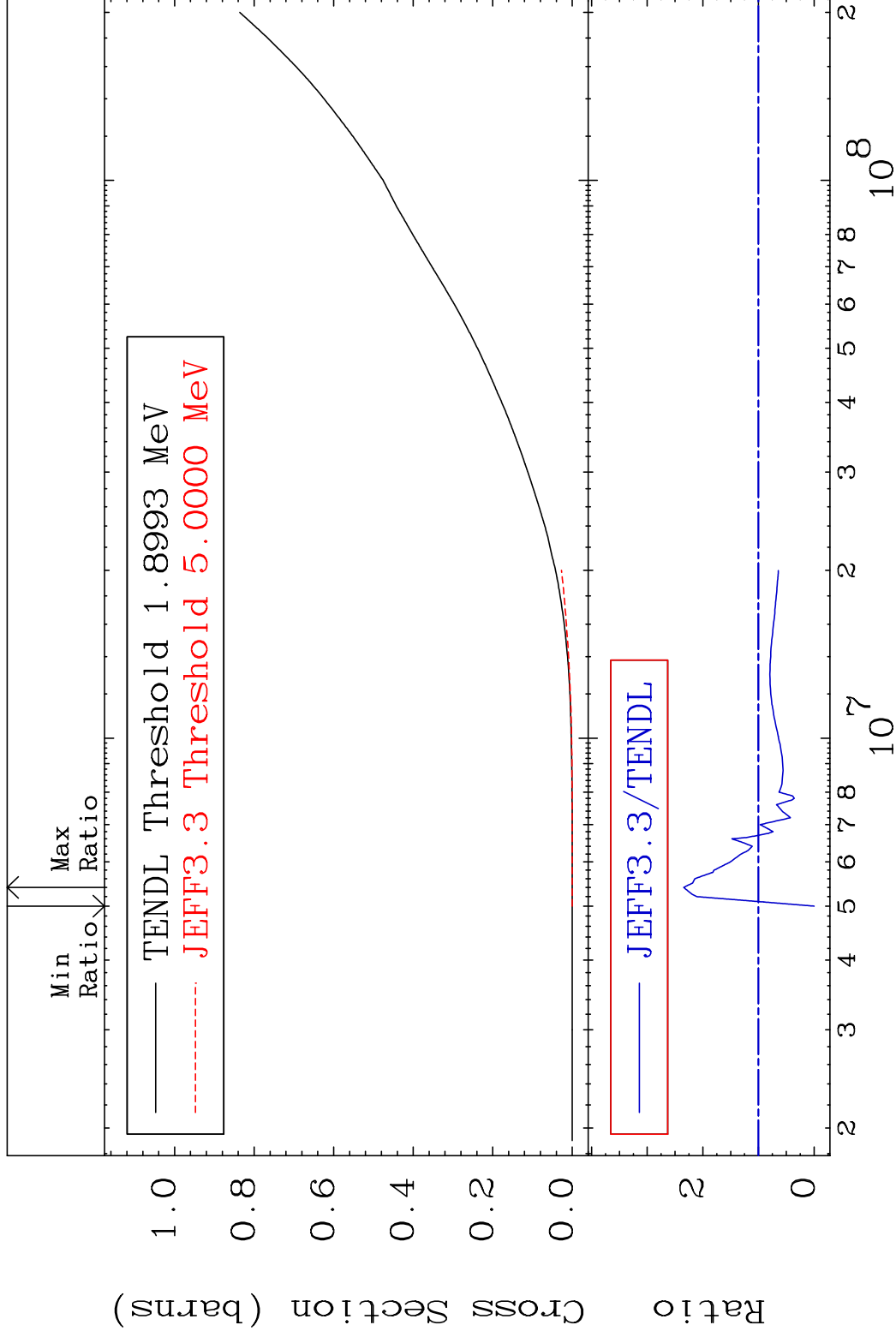
35

Incident Energy (eV)

44-Ru-103

MAT 4446

Hydrogen Production 44-Ru-103
Cross Section -100.0 To 134.5 %



36

Incident Energy (eV)

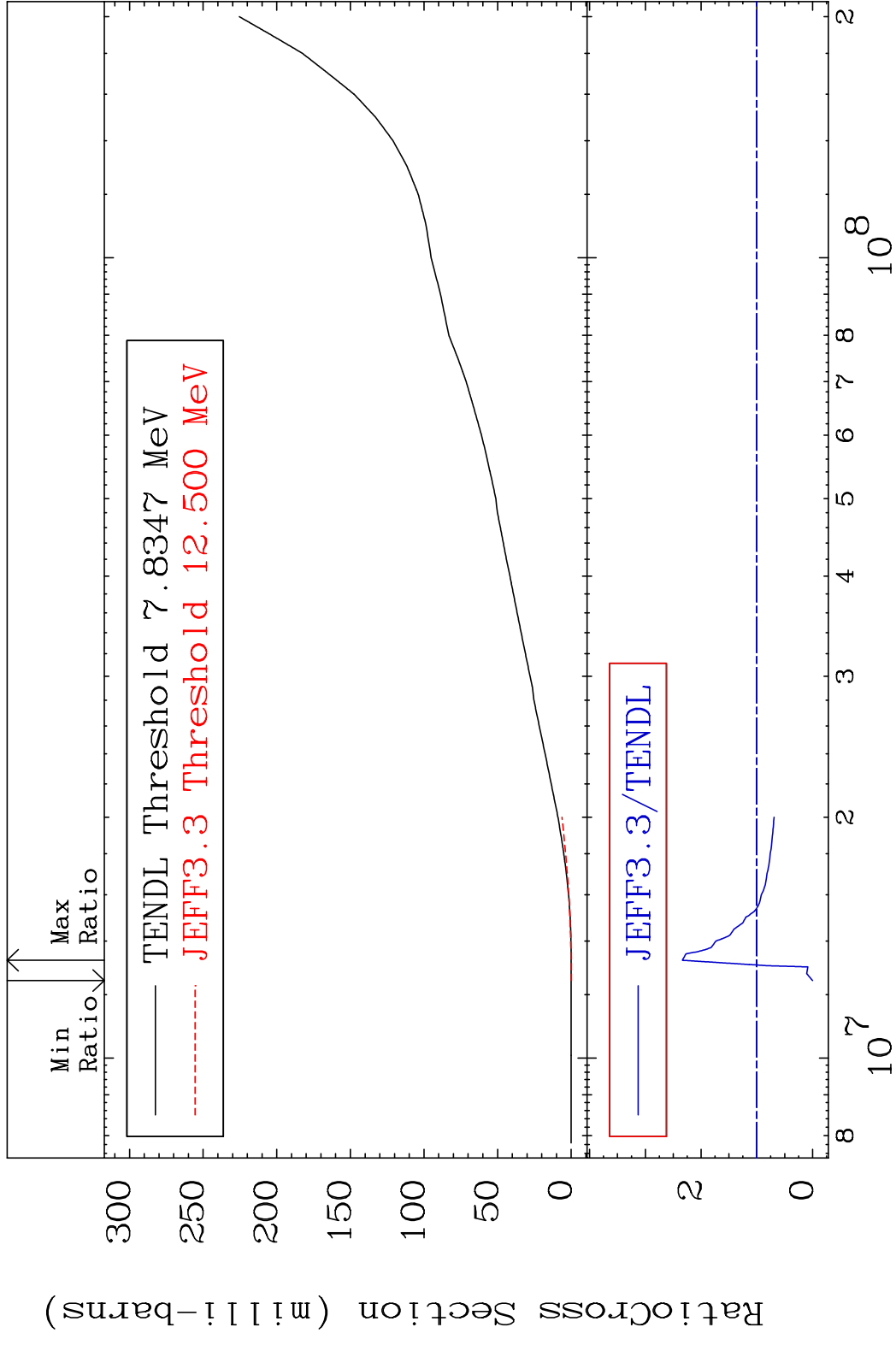
44-Ru-103

MAT 4446

Deuterium Production

44-Ru-103

Cross Section -100.0 To 133.6 %

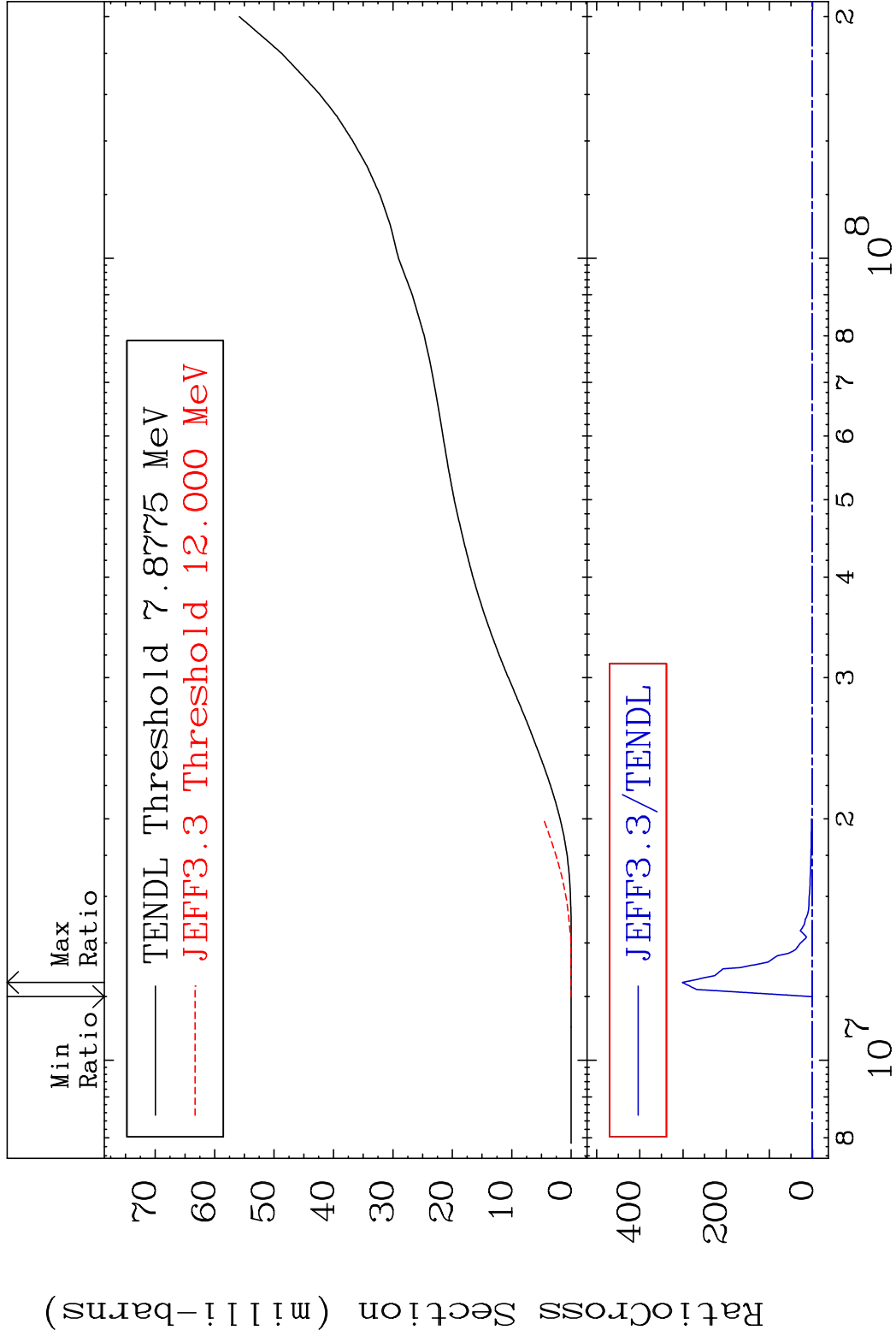


MAT 4446

Tritium Production

44-Ru-103

Cross Section -100.0 To 9999. %



38

Incident Energy (eV)

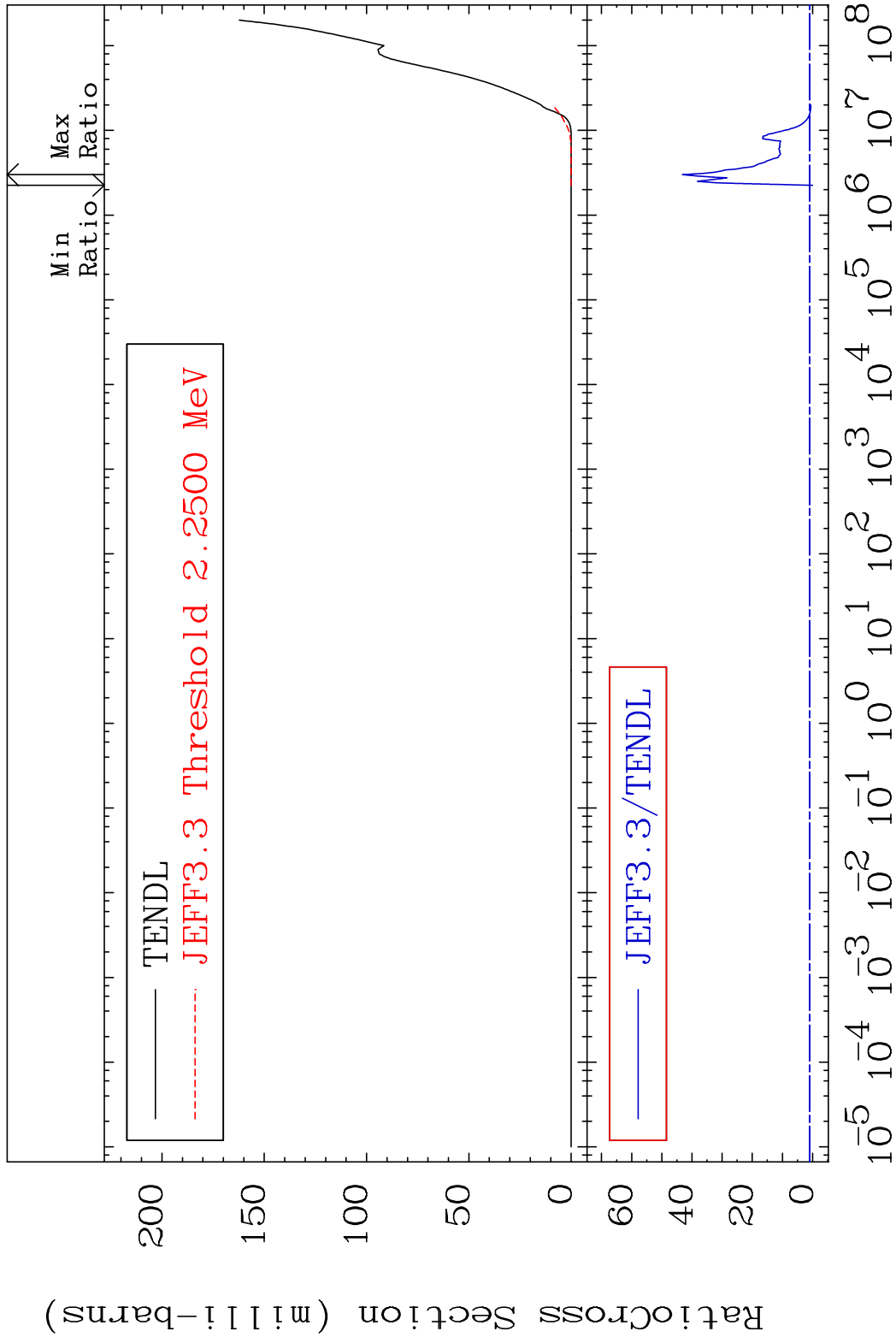
44-Ru-103

MAT 4446

He-4 Production

44-Ru-103

Cross Section -100.0 To 4219. %

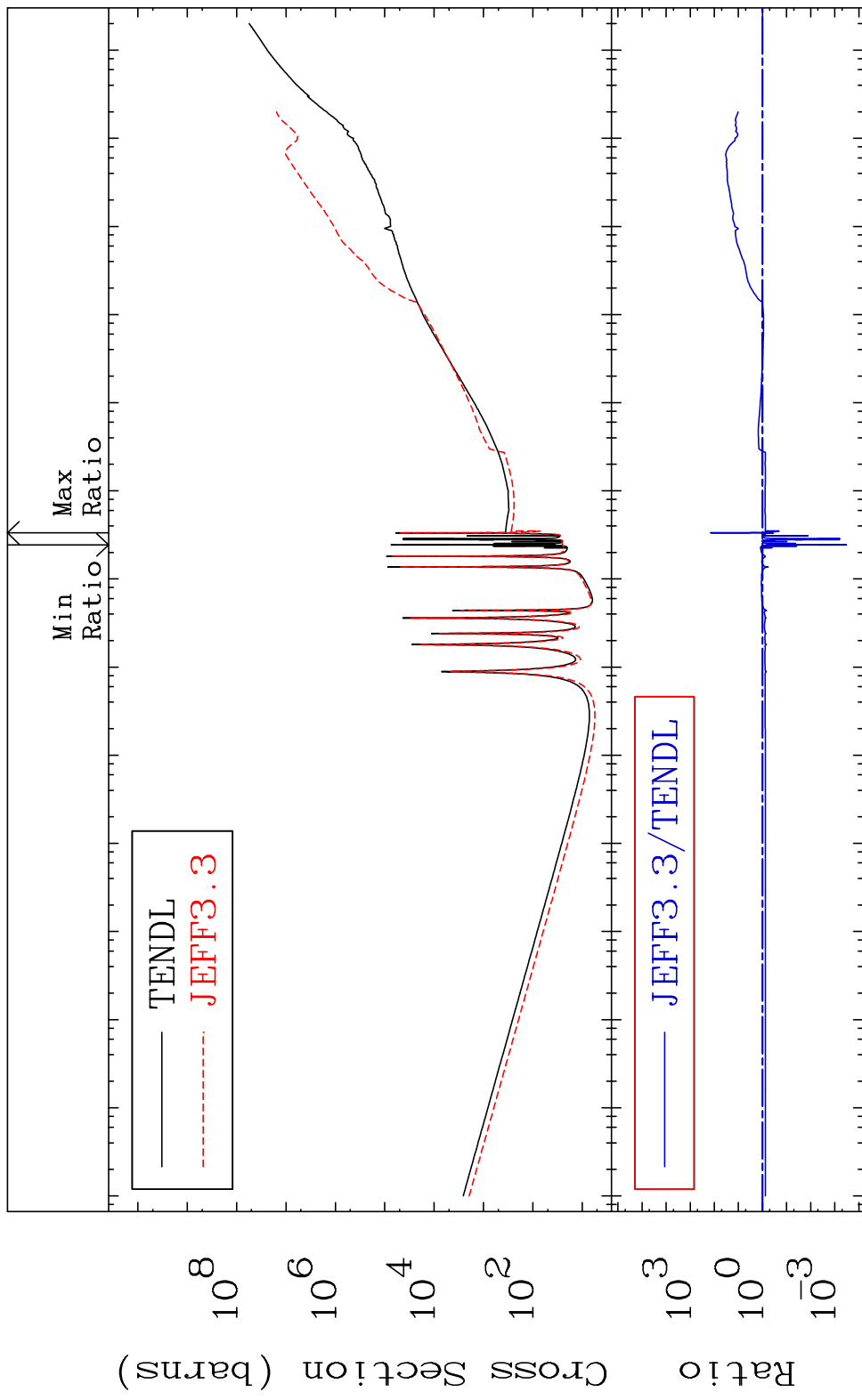


39

Incident Energy (eV)

44-Ru-103

MAT 4446 Kerma total (eV-barns) 44-Ru-103
 Cross Section -99.97 To 9999. %

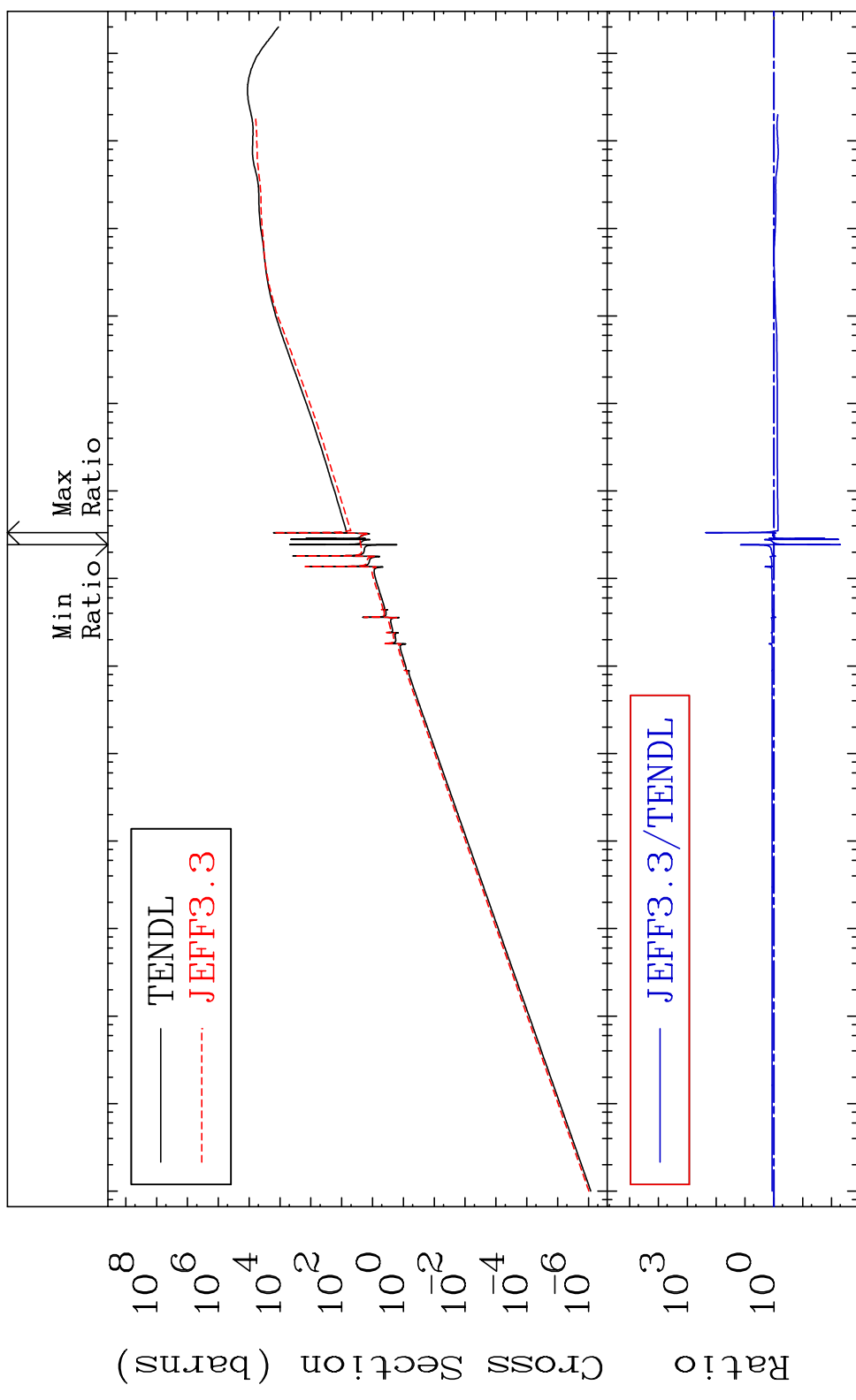


40 Incident Energy (eV) 44-Ru-103

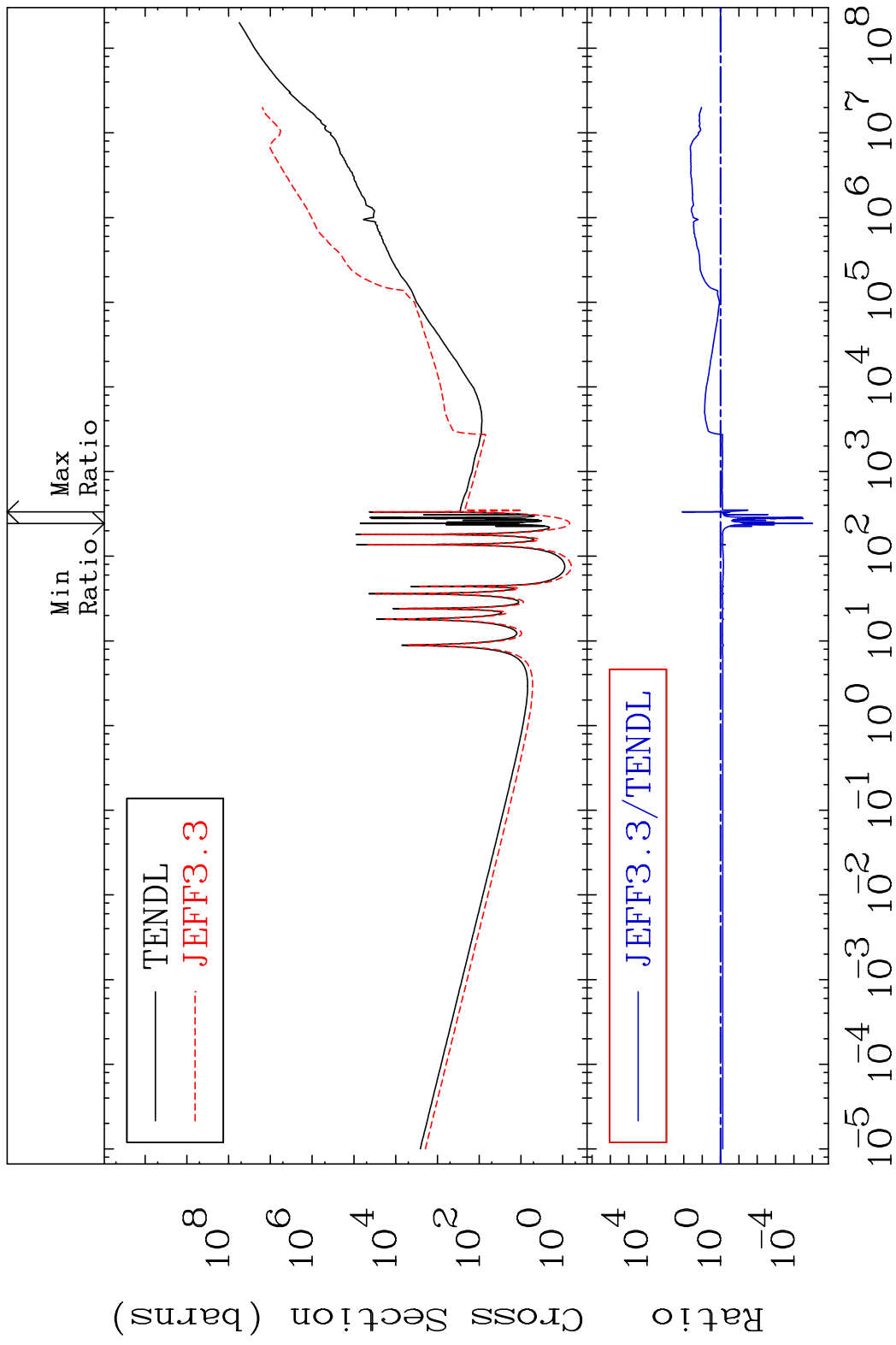
MAT 4446

Kerma elastic Cross Section -99.51 To 9999. %

44-Ru-103

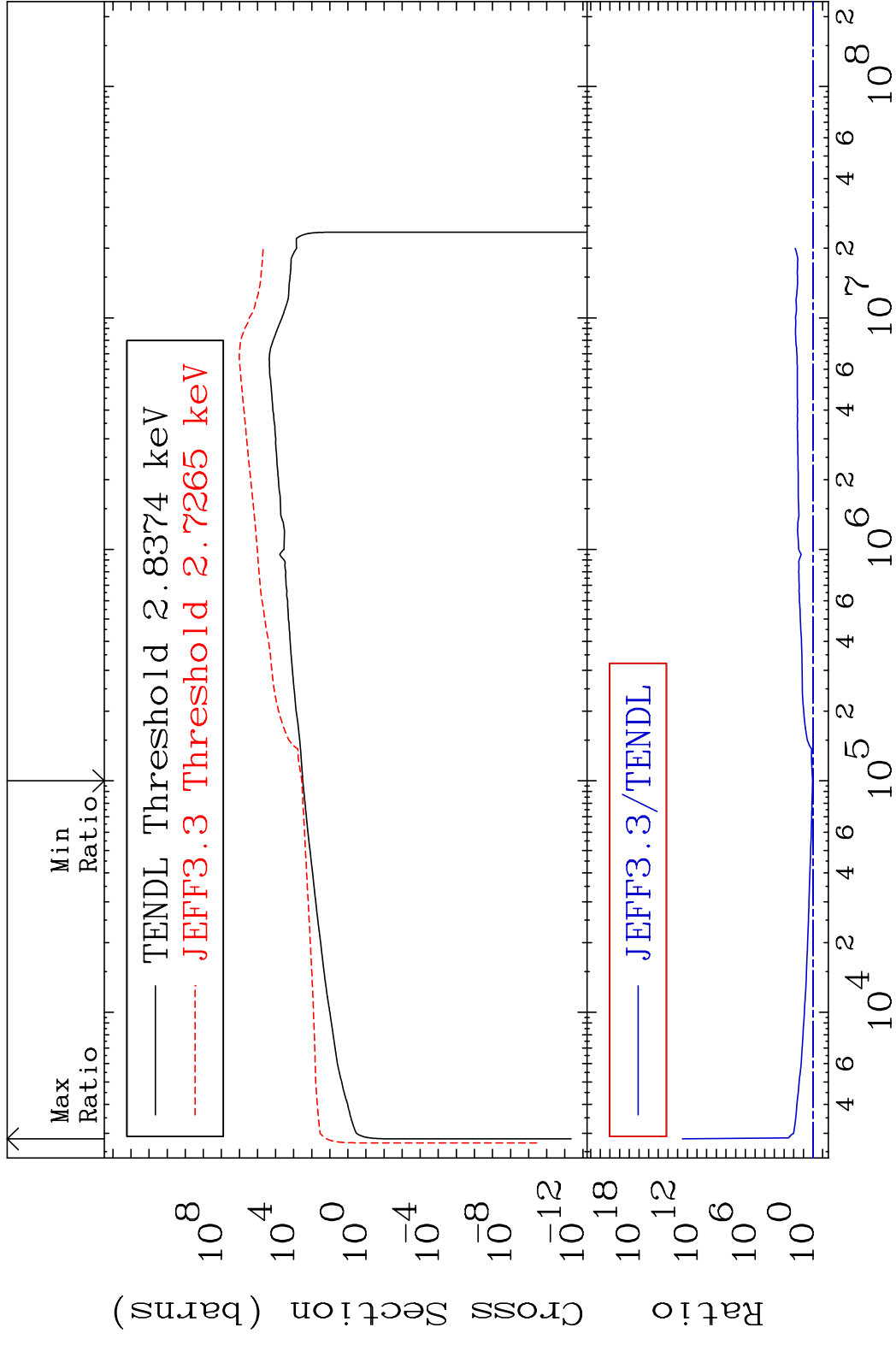


MAT 4446 Kerma non-elastic (all but mt2) 44-Ru-103
 Cross Section -100.0 To 9999. %

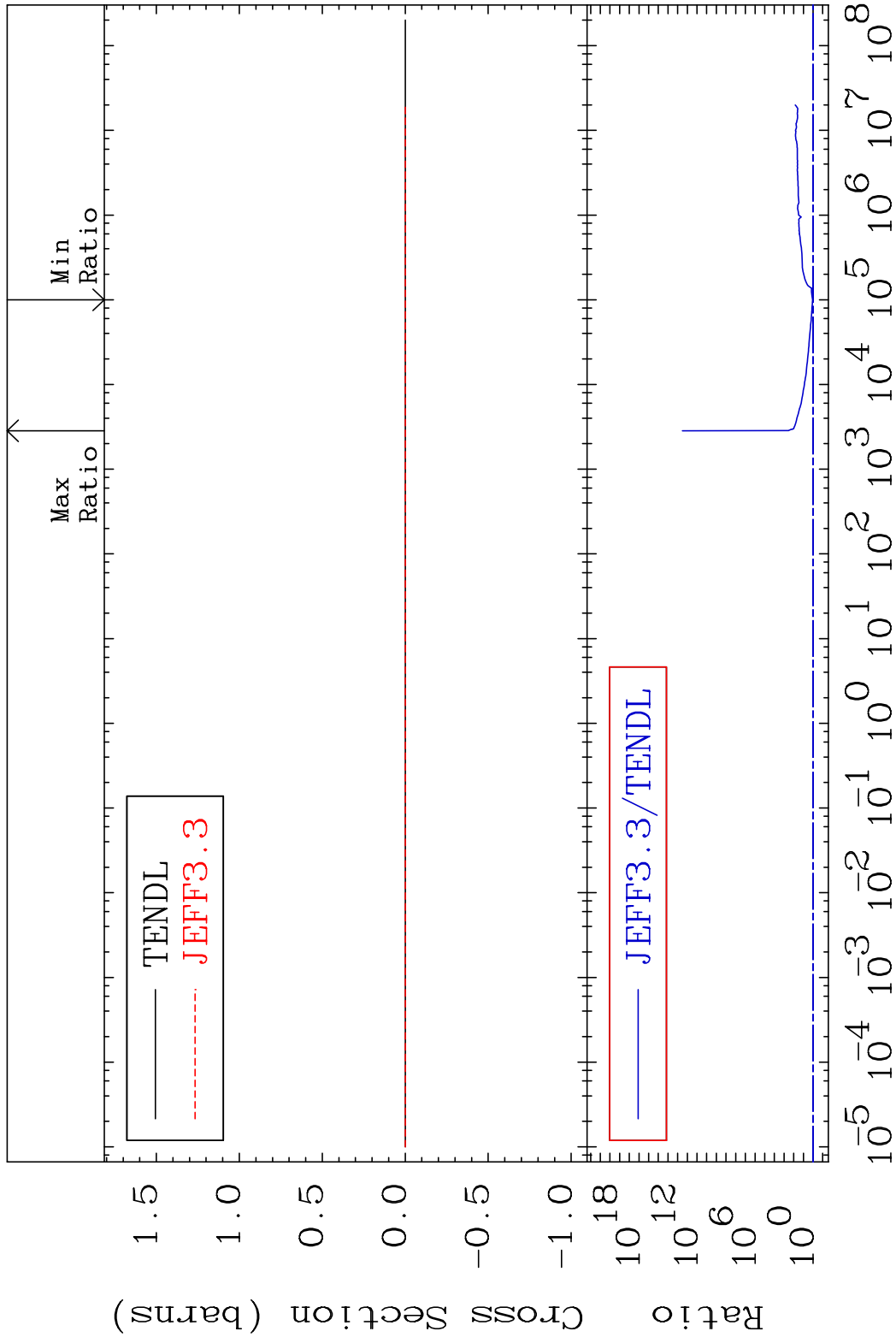


42 Incident Energy (eV) 44-Ru-103

MAT 4446 Kerma inelastic (mt51-91) 44-Ru-103
 Cross Section 12.68 To 9999. %

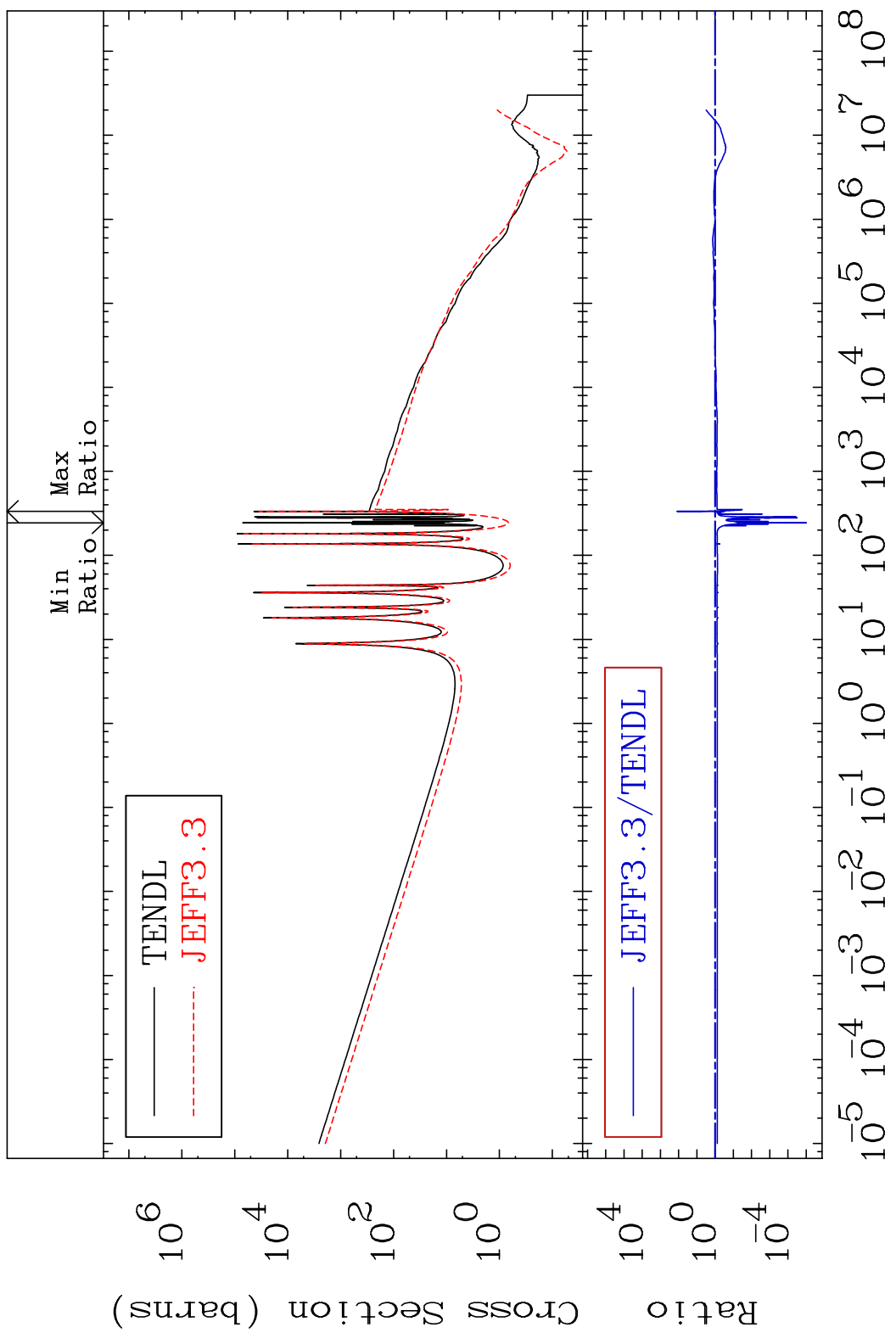


MAT 4446 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-103
 Cross Section 12.68 To 9999. %



MAT 4446

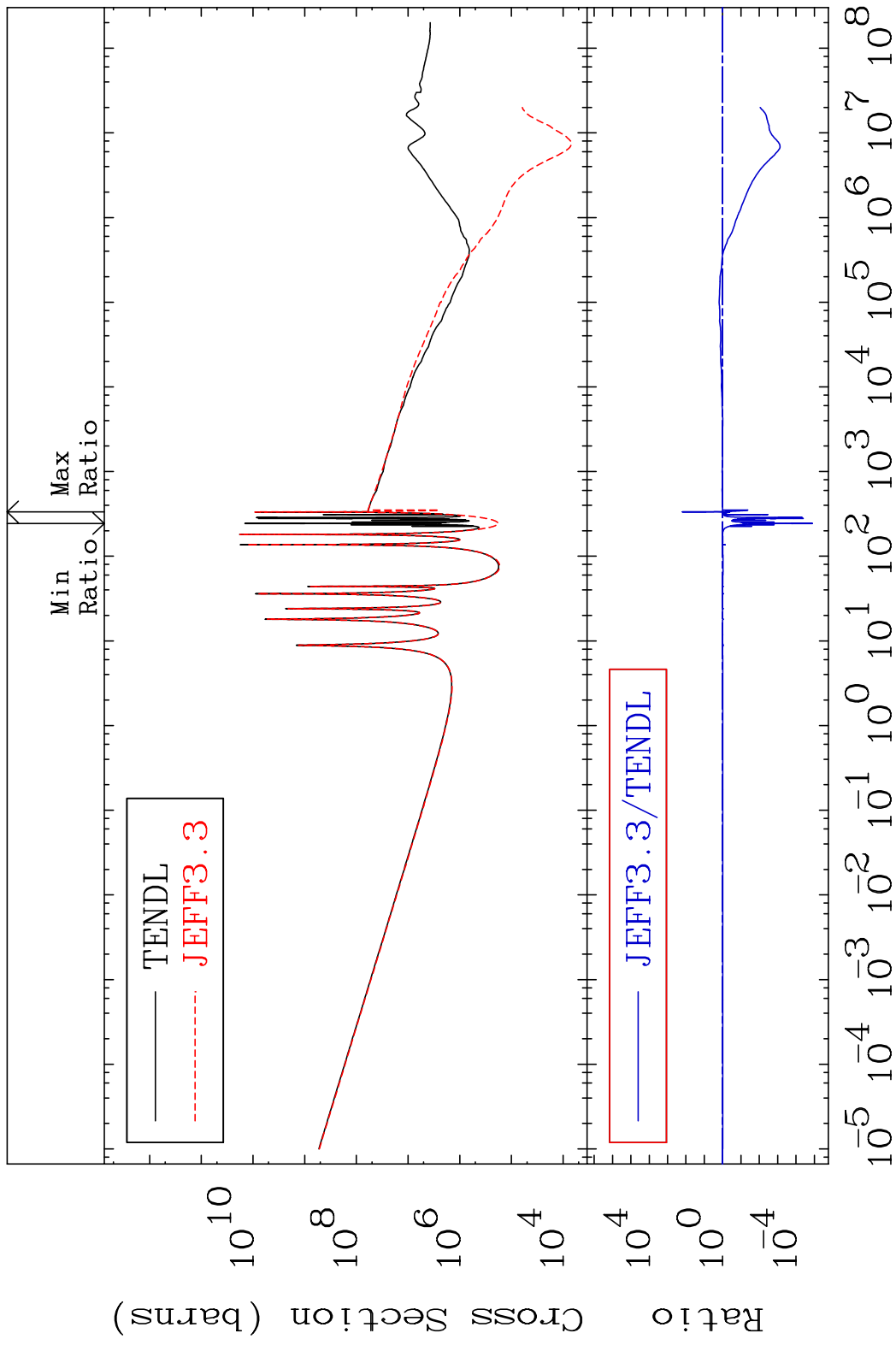
Kerma capture (mt102) 44-Ru-103
Cross Section -100.0 To 9999. %



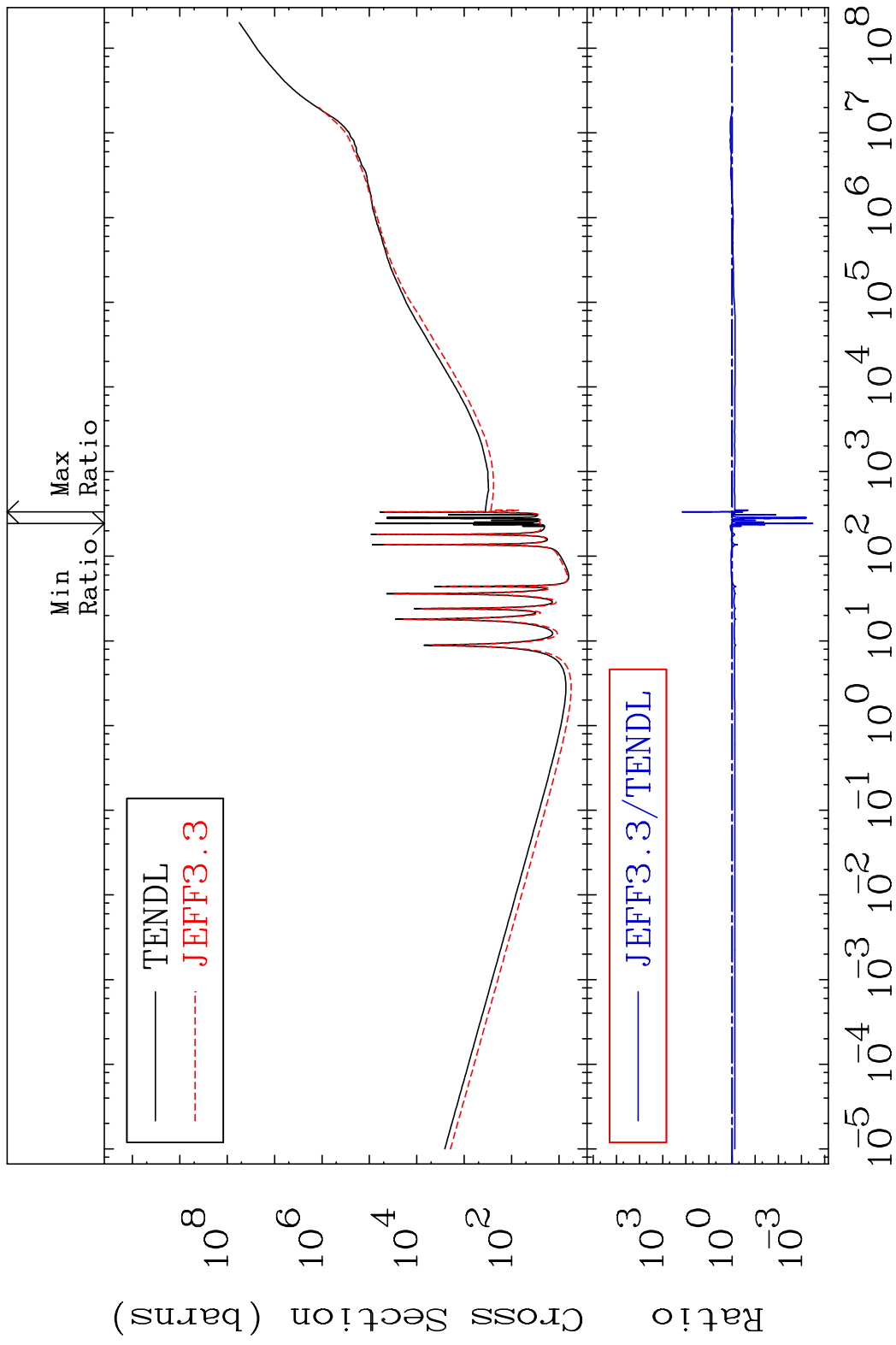
45

Incident Energy (eV) 44-Ru-103

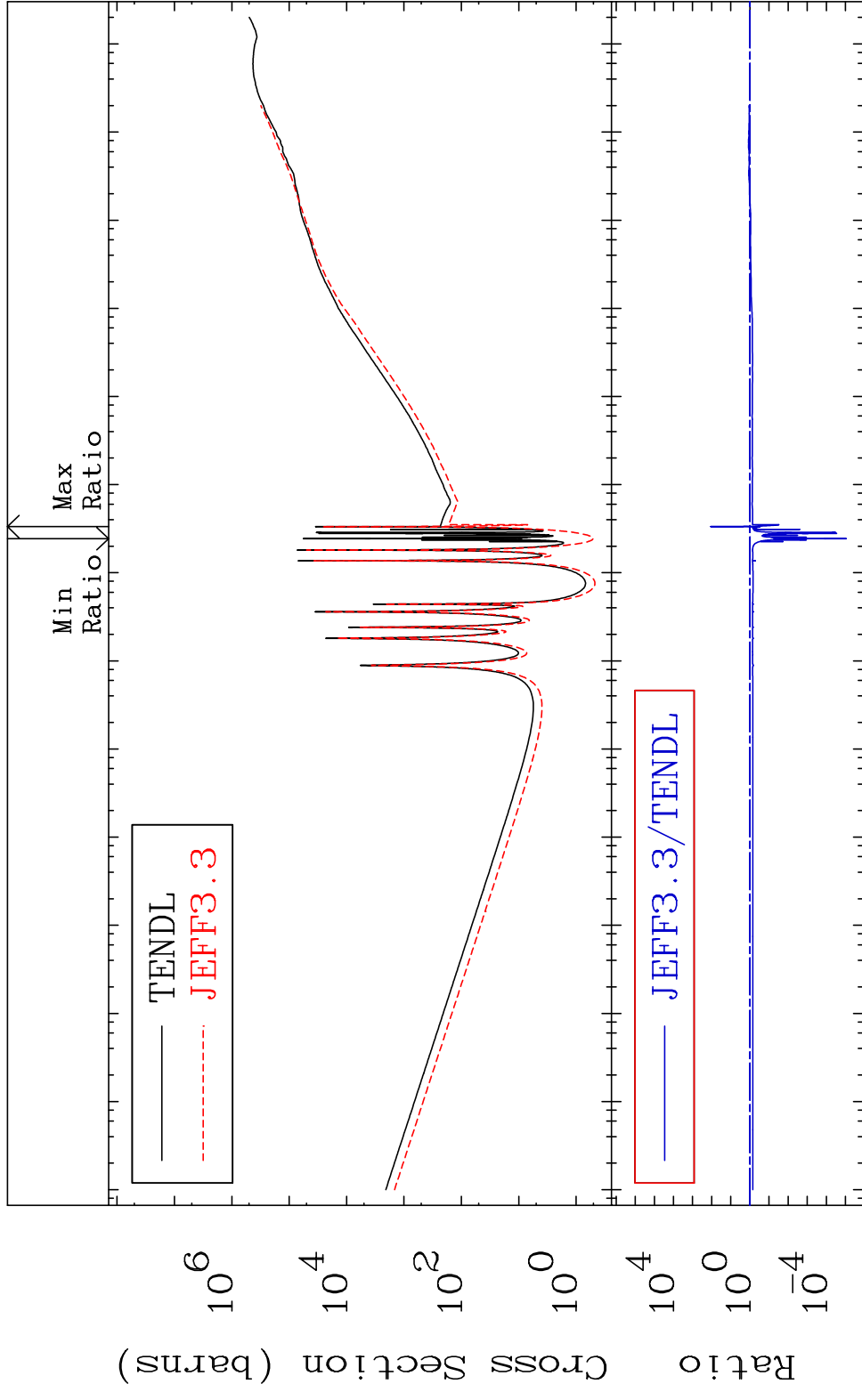
MAT 4446 Total photon (eV-barns) 44-Ru-103
 Cross Section -100.0 To 9999. %



MAT 4446 Total kinematic kerma (high limit) 44-Ru-103
 Cross Section -99.97 To 9999. %



MAT 4446 Dpa total (eV-barns) 44-Ru-103
 Cross Section -100.0 To 9999. %



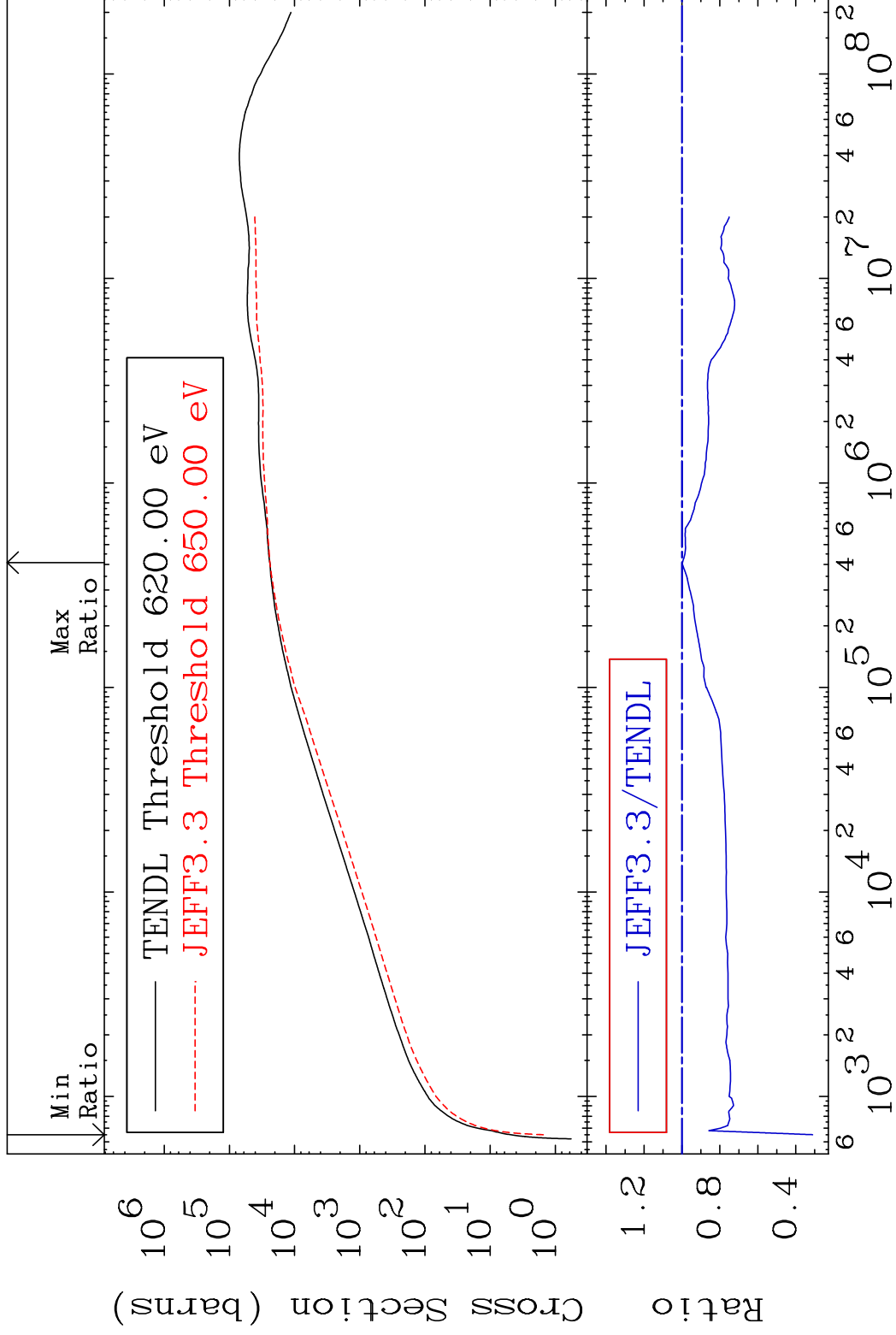
MAT 4446

Dpa elastic (mt2)

44-Ru-103

Cross Section

-68.87 To -0.214%

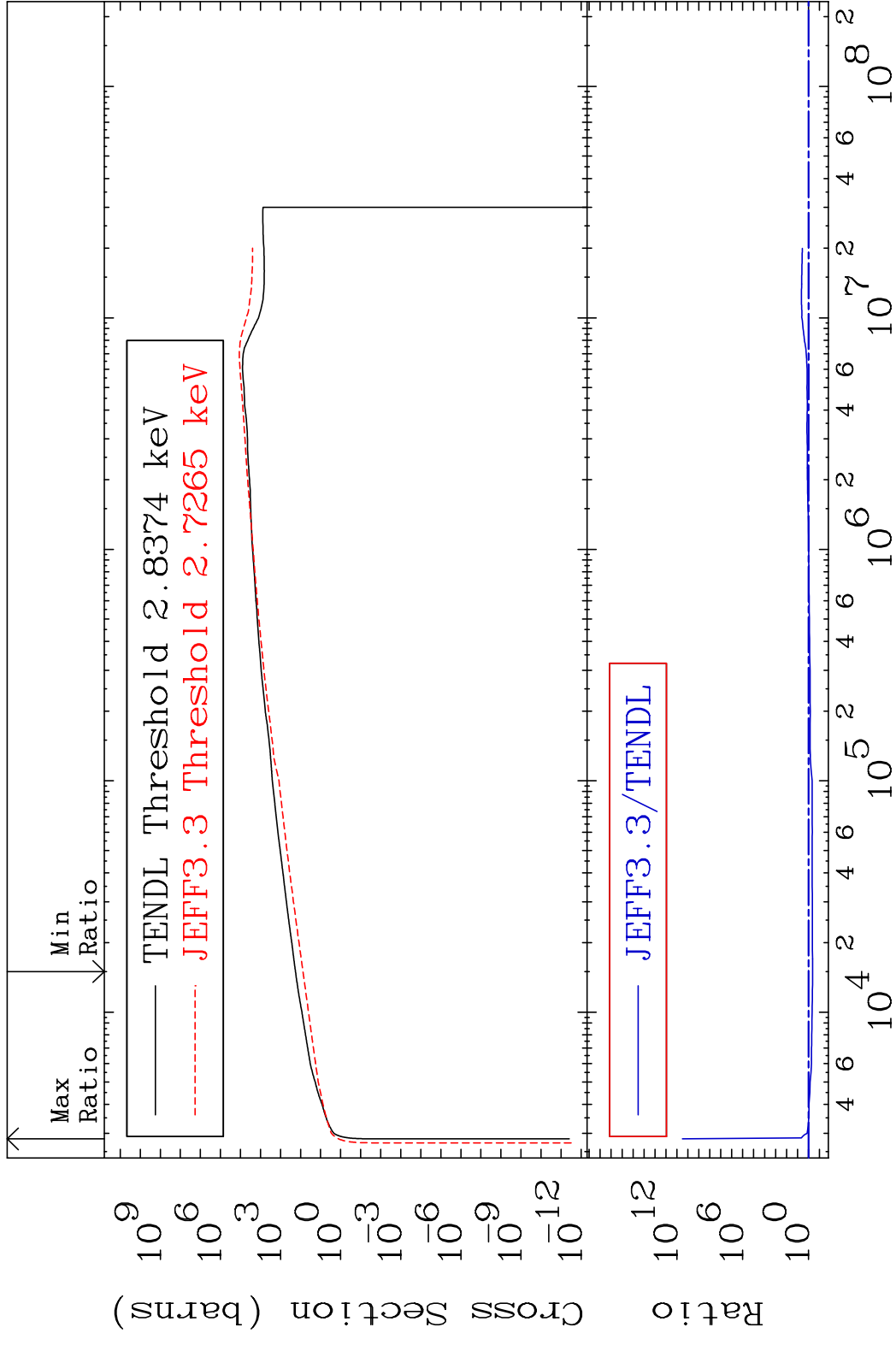


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Incident Energy (eV)

44-Ru-103

MAT 4446 Dpa inelastic (mt51-91) 44-Ru-103
 Cross Section -57.65 To 9999. %



MAT 4446 Dpa disappearance (mt102 -120) 44-Ru-103
 Cross Section -100.0 To 9999. %

