

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

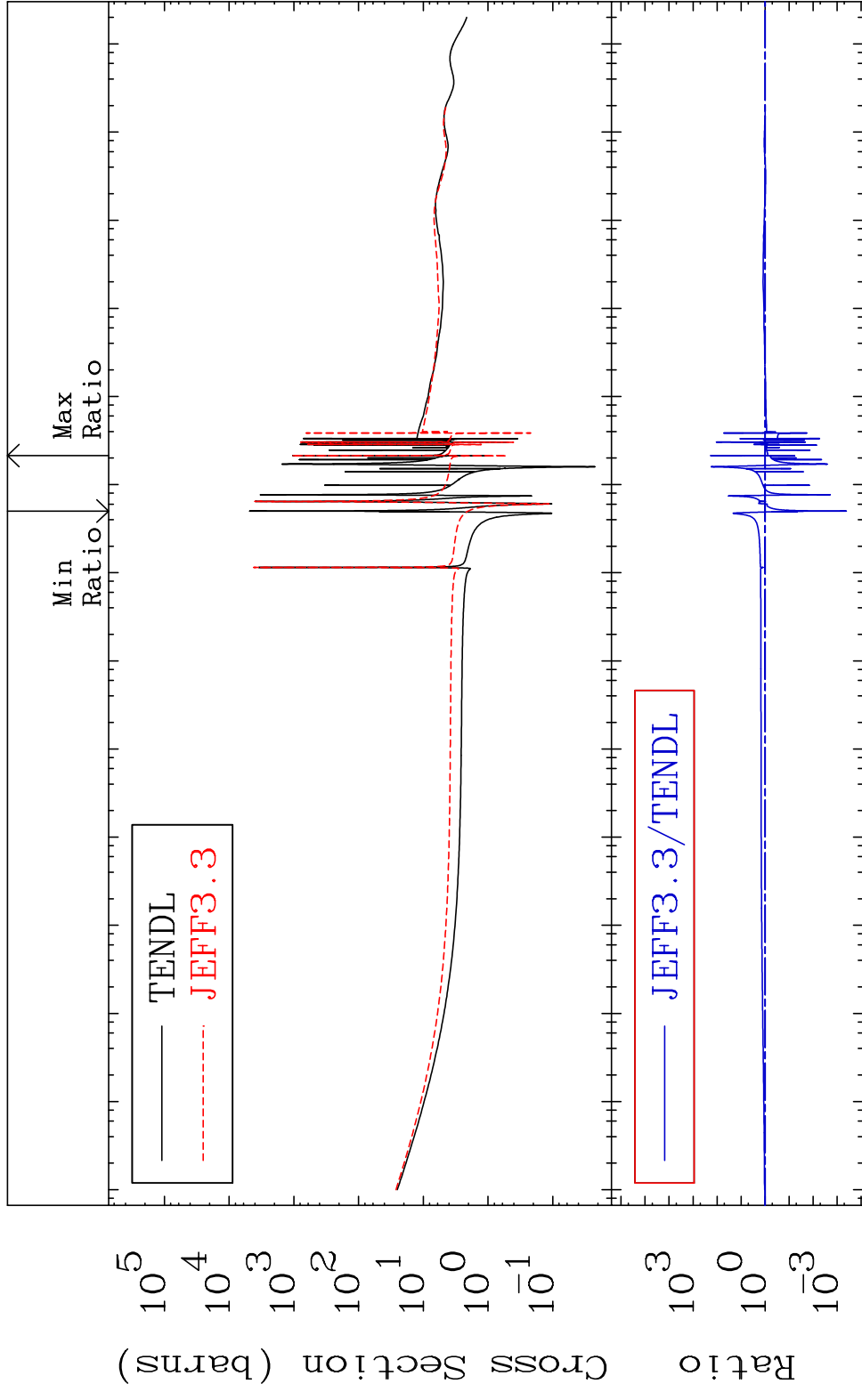
MAT 5449

Total

54-Xe-132

Cross Section

-99.96 To 9999. %



1

Incident Energy (eV)

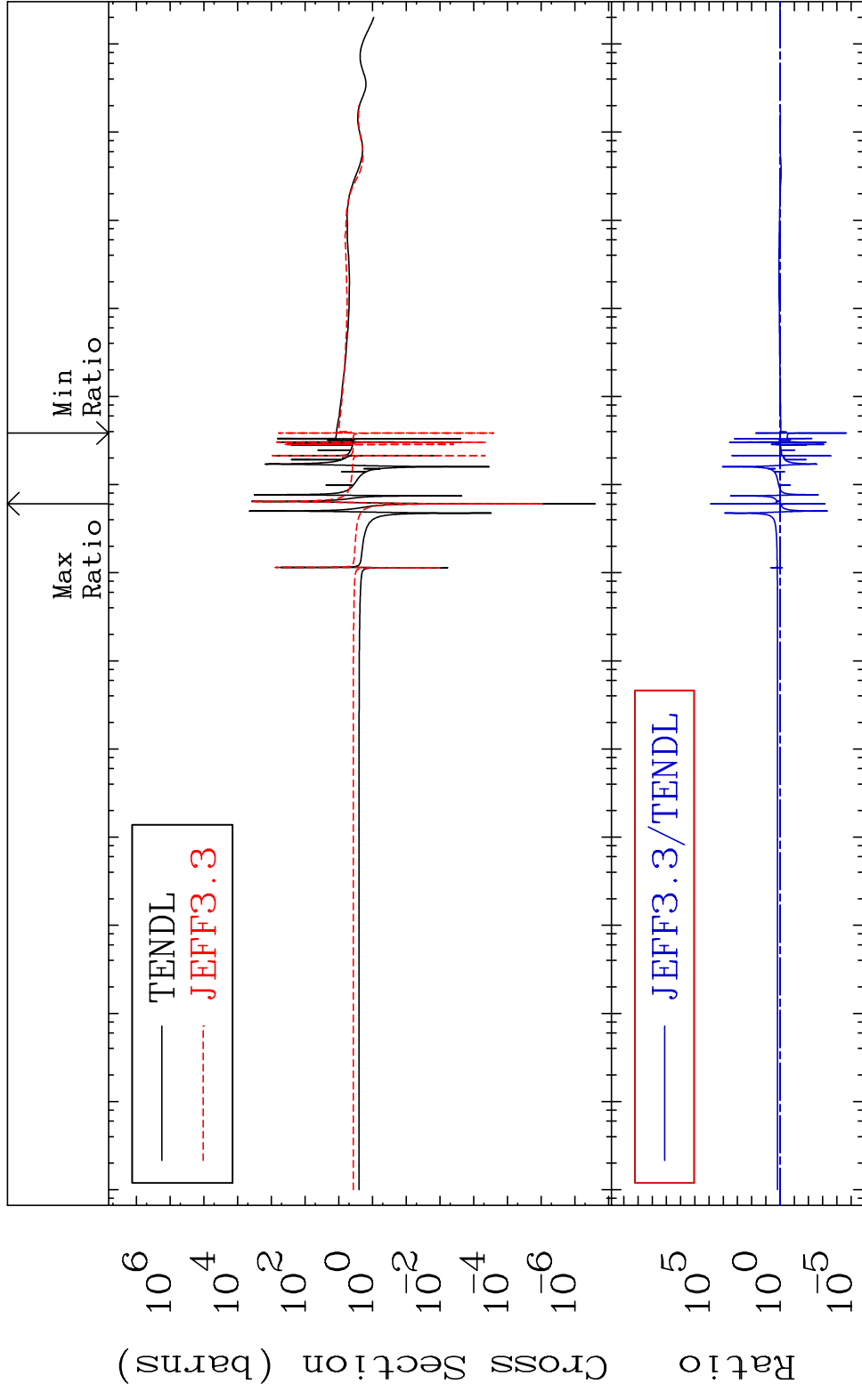
54-Xe-132

MAT 5449

54-Xe-132

Elastic

Cross Section -100.0 To 9999. %

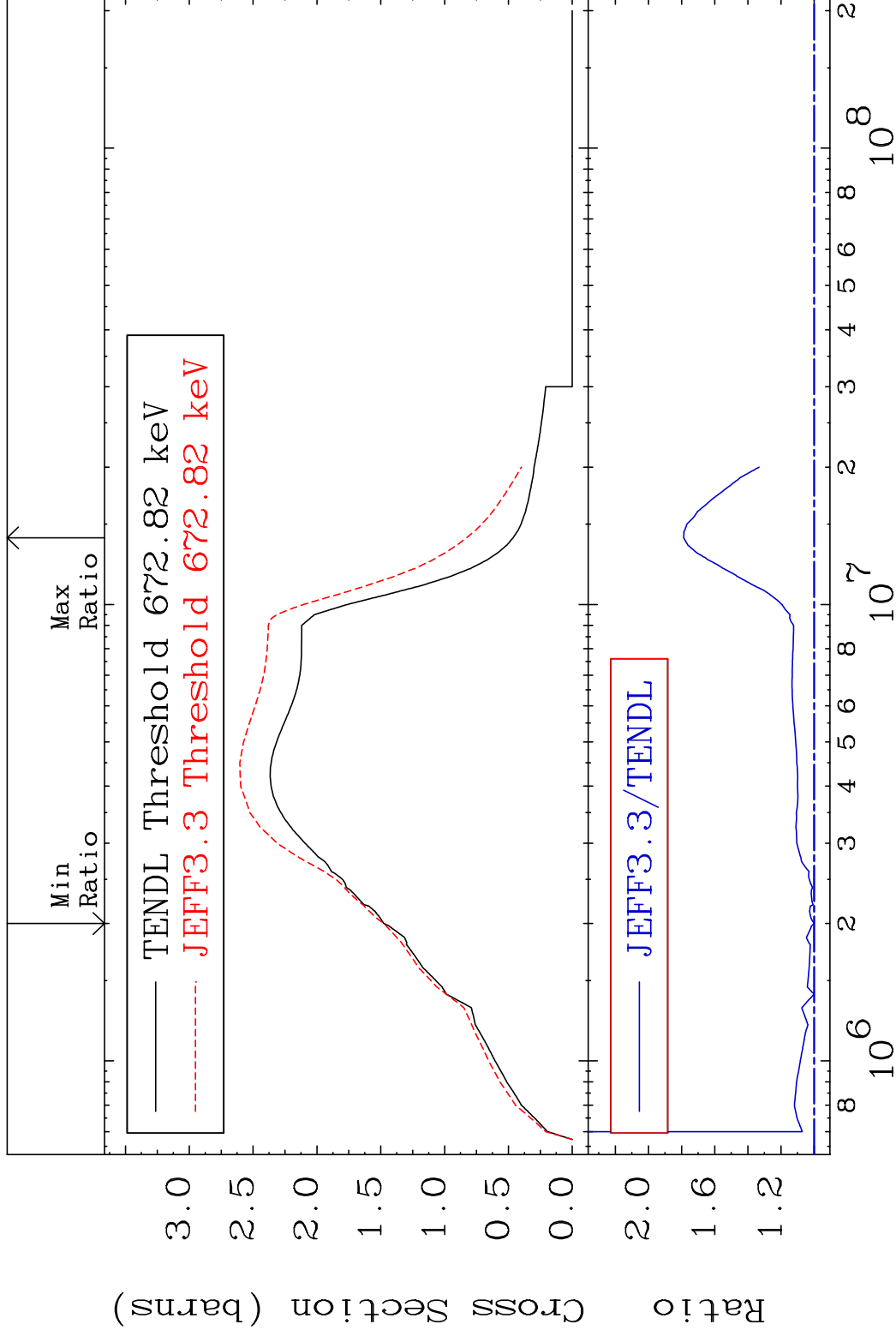


MAT 5449

Inelastic

54-Xe-132

Cross Section -0.029 To 78.74 %



3

Incident Energy (eV)

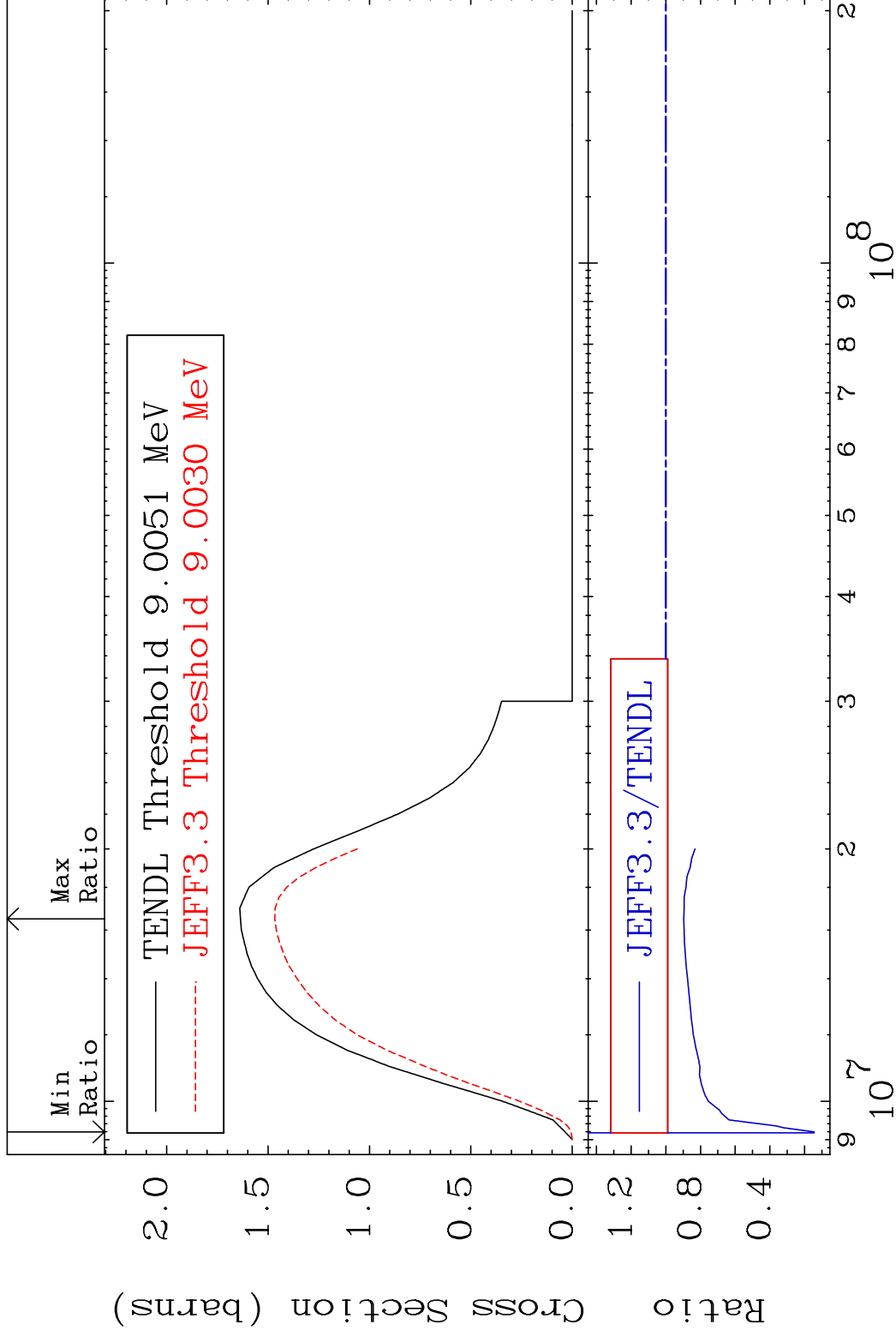
54-Xe-132

MAT 5449

(n,2n)

54-Xe-132

Cross Section -85.48 To -10.30%



4

Incident Energy (eV)

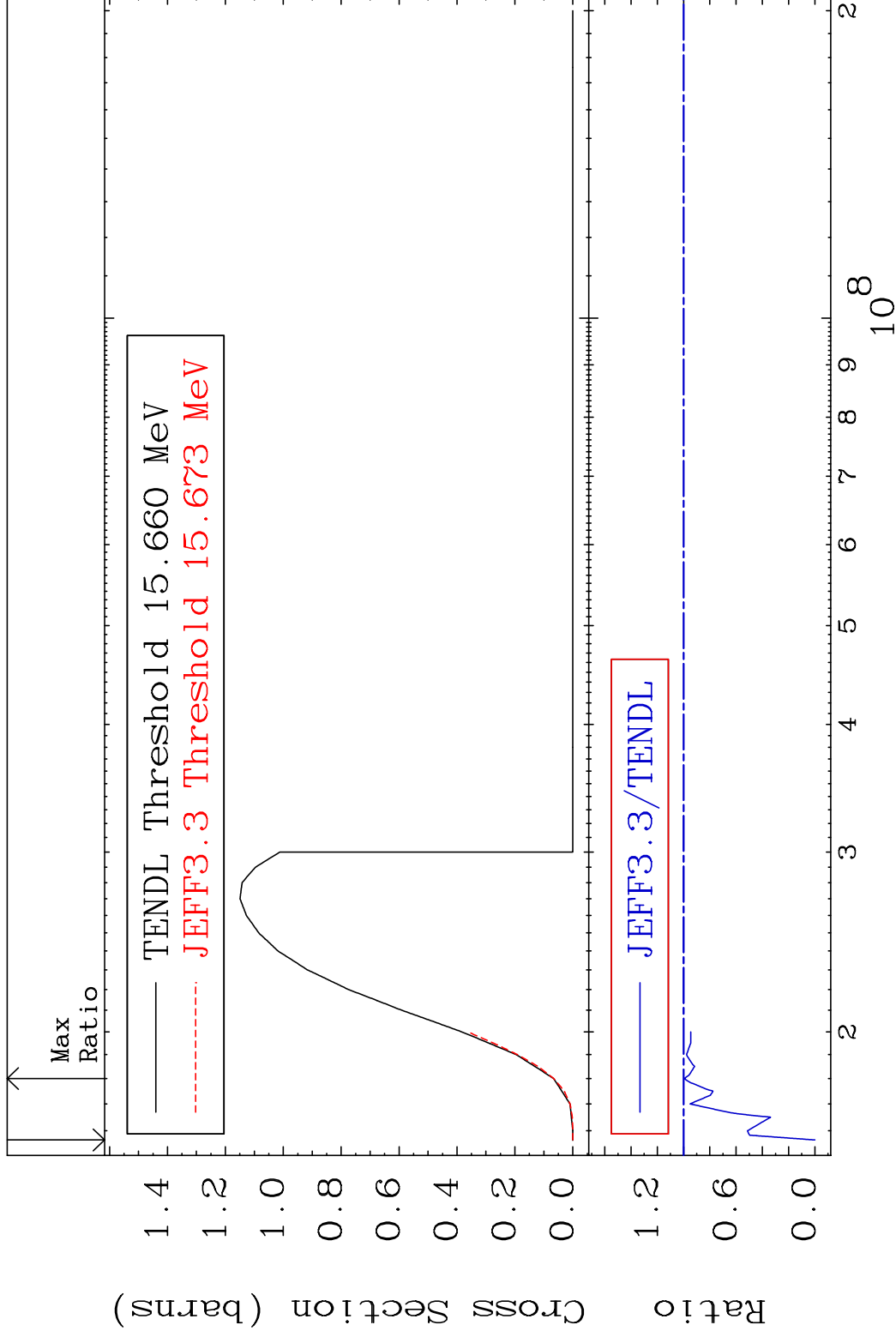
54-Xe-132

MAT 5449

(n,3n)

54-Xe-132

Cross Section -100.0 To -0.560%



5

Incident Energy (eV)

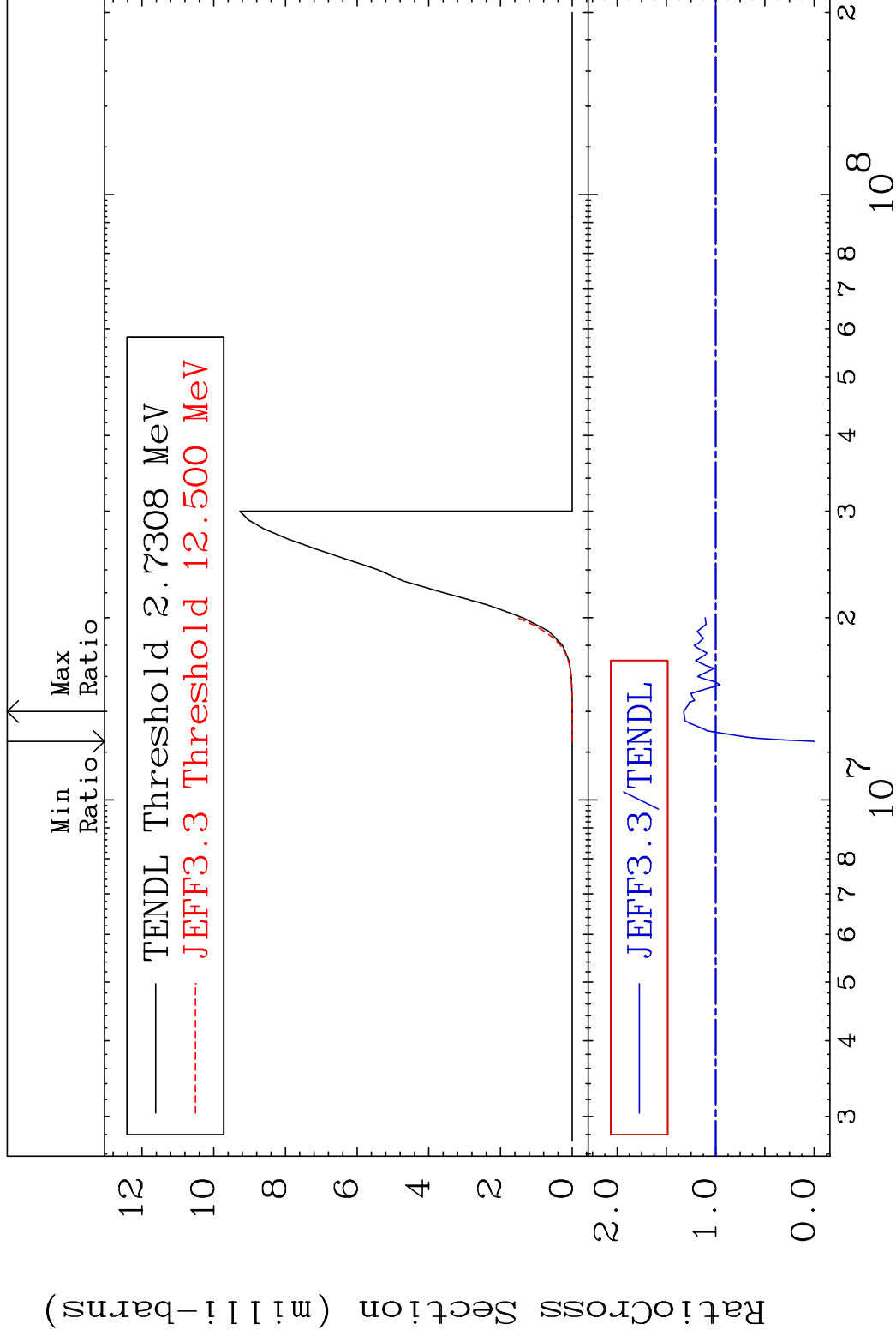
54-Xe-132

MAT 5449

(n, n') α

54-Xe-132

Cross Section -100.0 To 32.43 %



6

Incident Energy (eV)

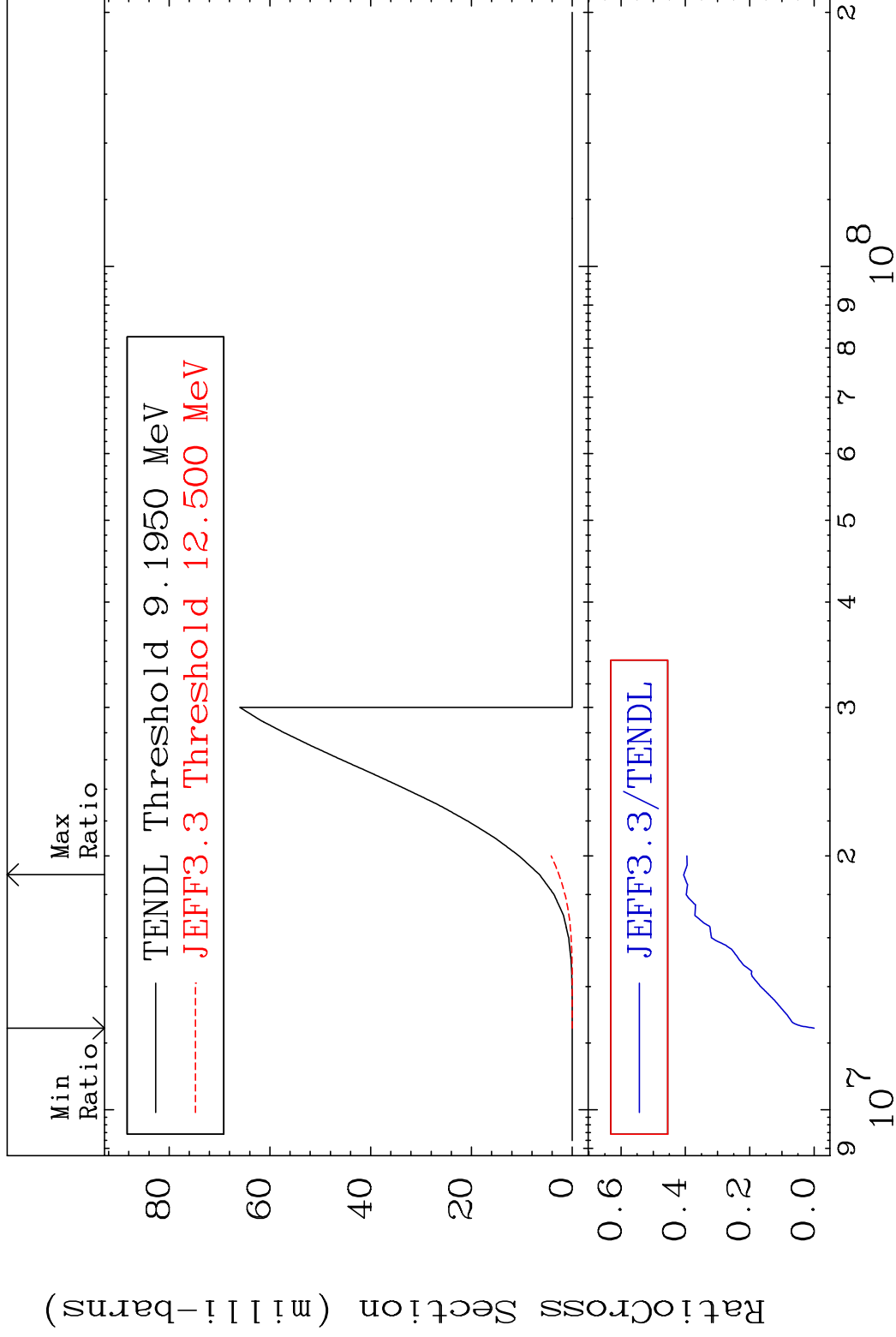
54-Xe-132

MAT 5449

(n, n') p

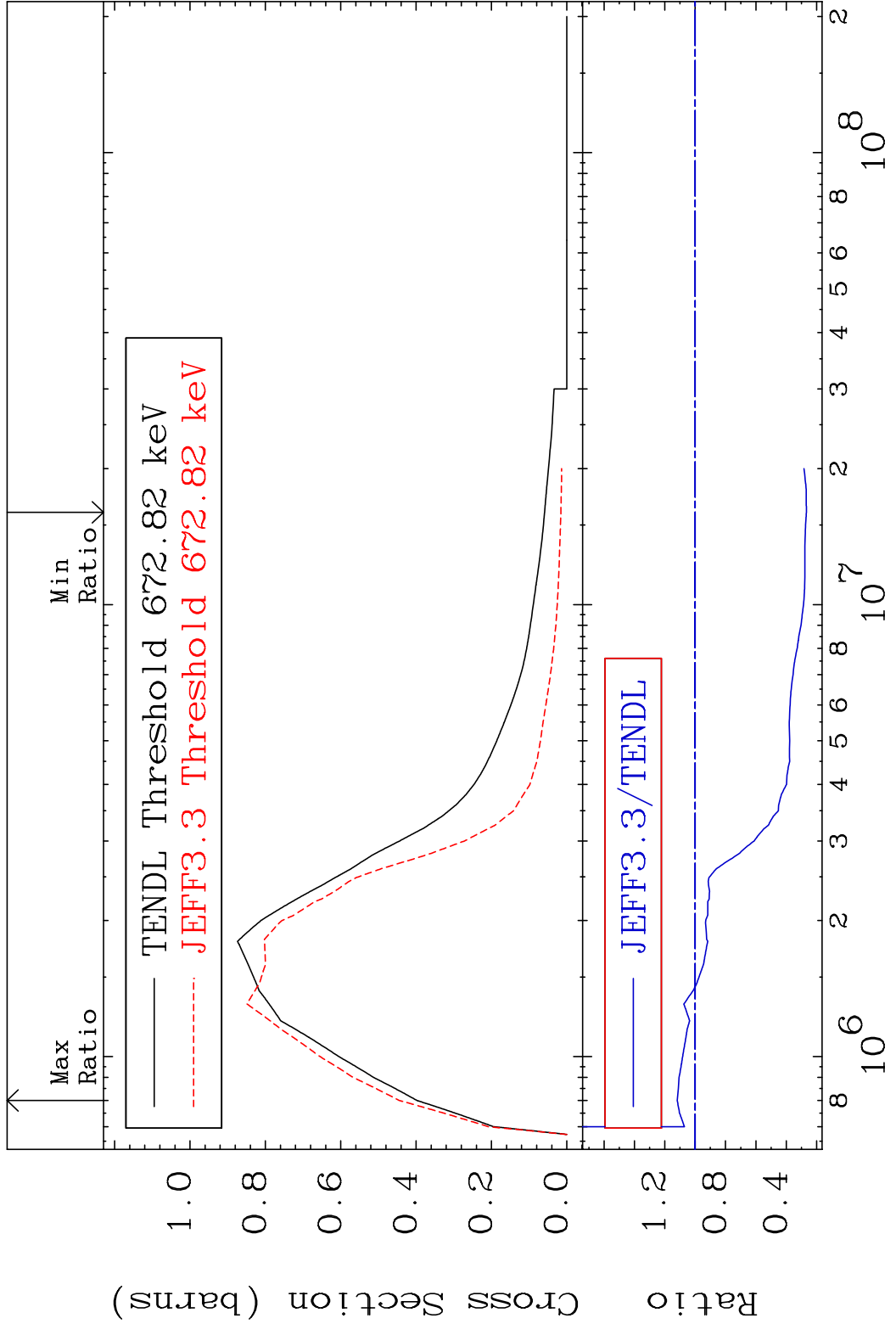
54-Xe-132

Cross Section -100.0 To -59.46%



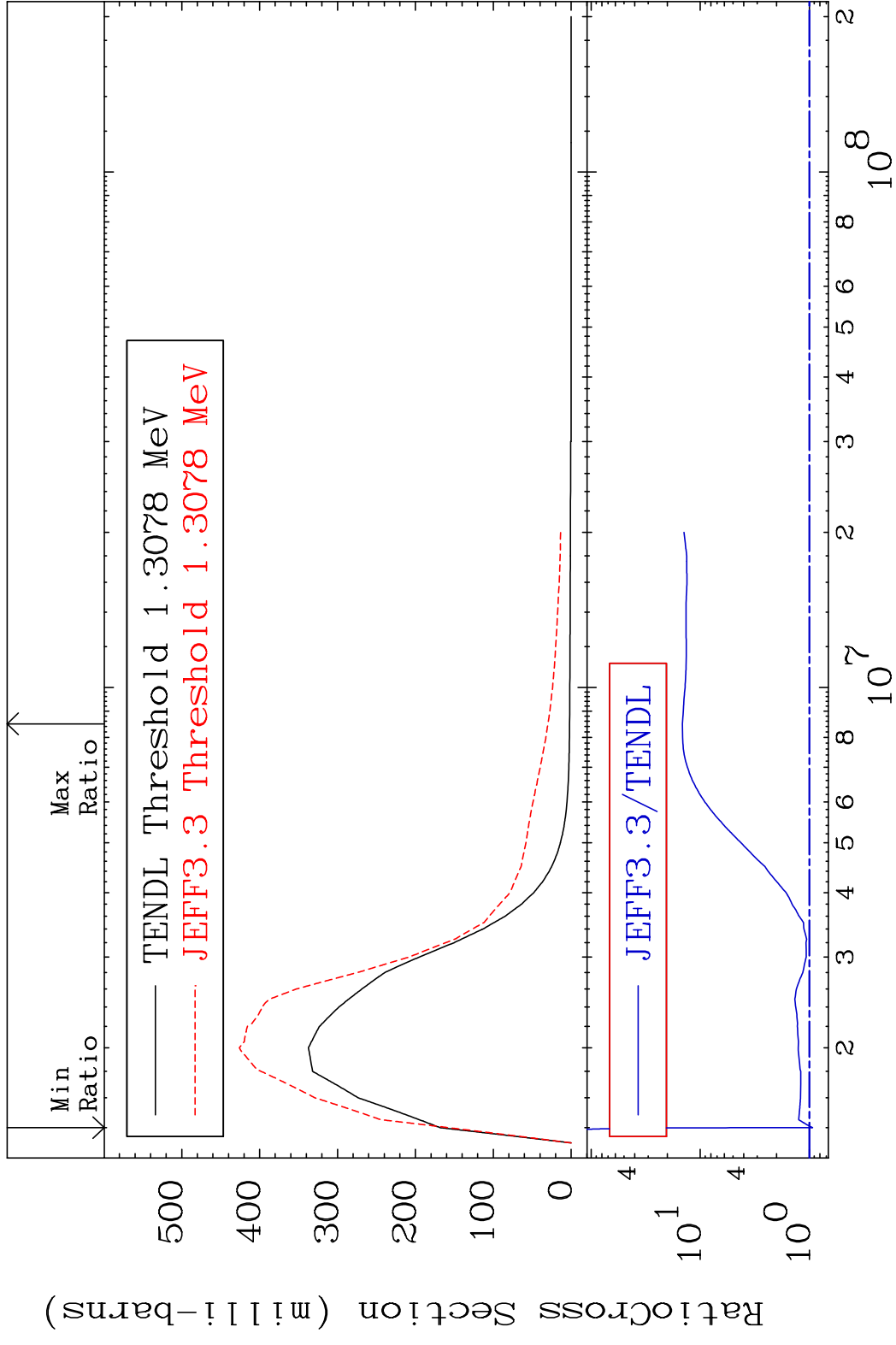
7 Incident Energy (eV) 54-Xe-132

MAT 5449 MT= 51 (n, n') Level 54-Xe-132
 Cross Section -73.30 To 11.87 %

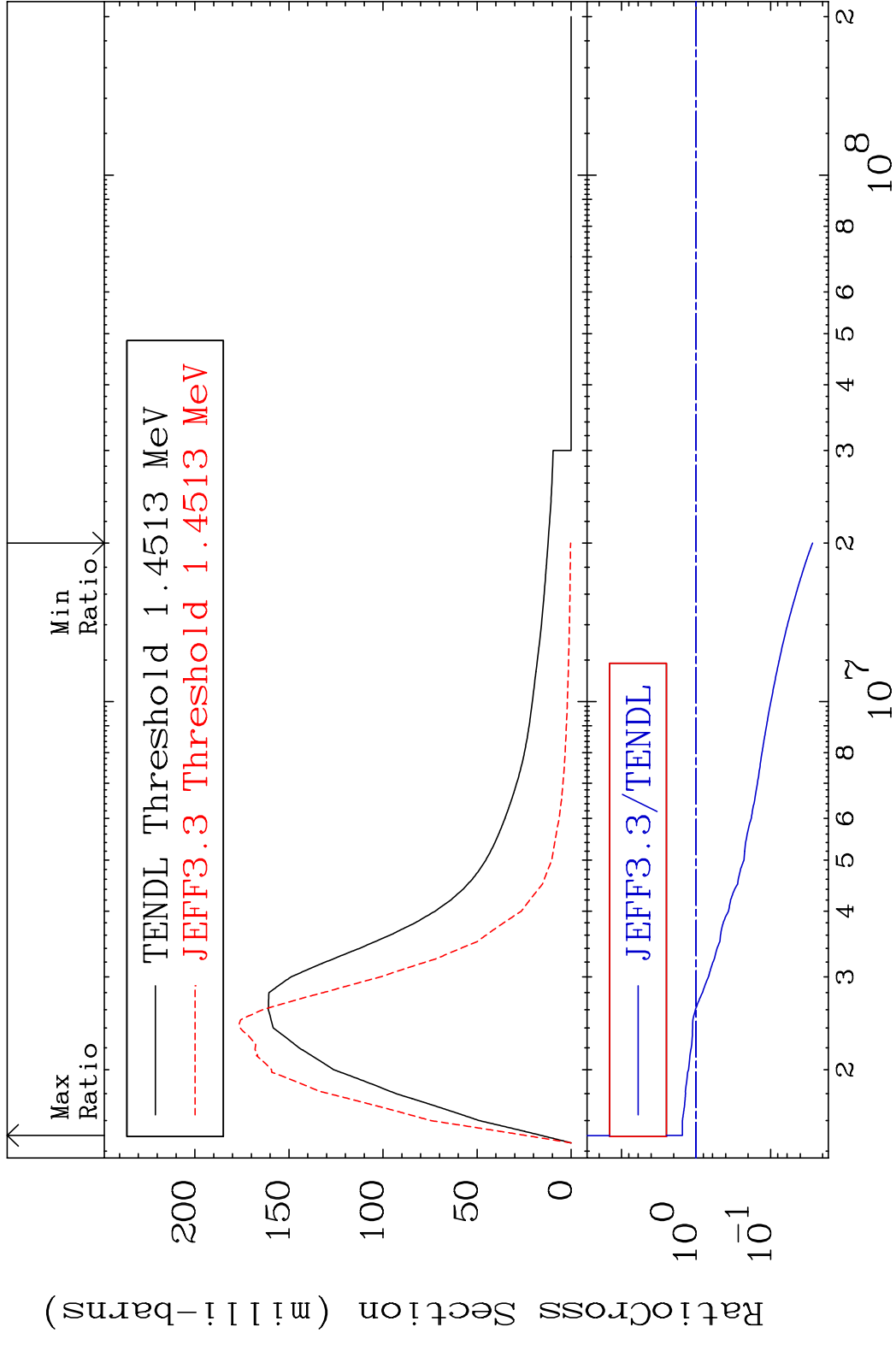


8 8 Incident Energy (eV) 54-Xe-132

MAT 5449 MT= 52 (n, n') Level 54-Xe-132
 Cross Section -6.639 To 1360. %

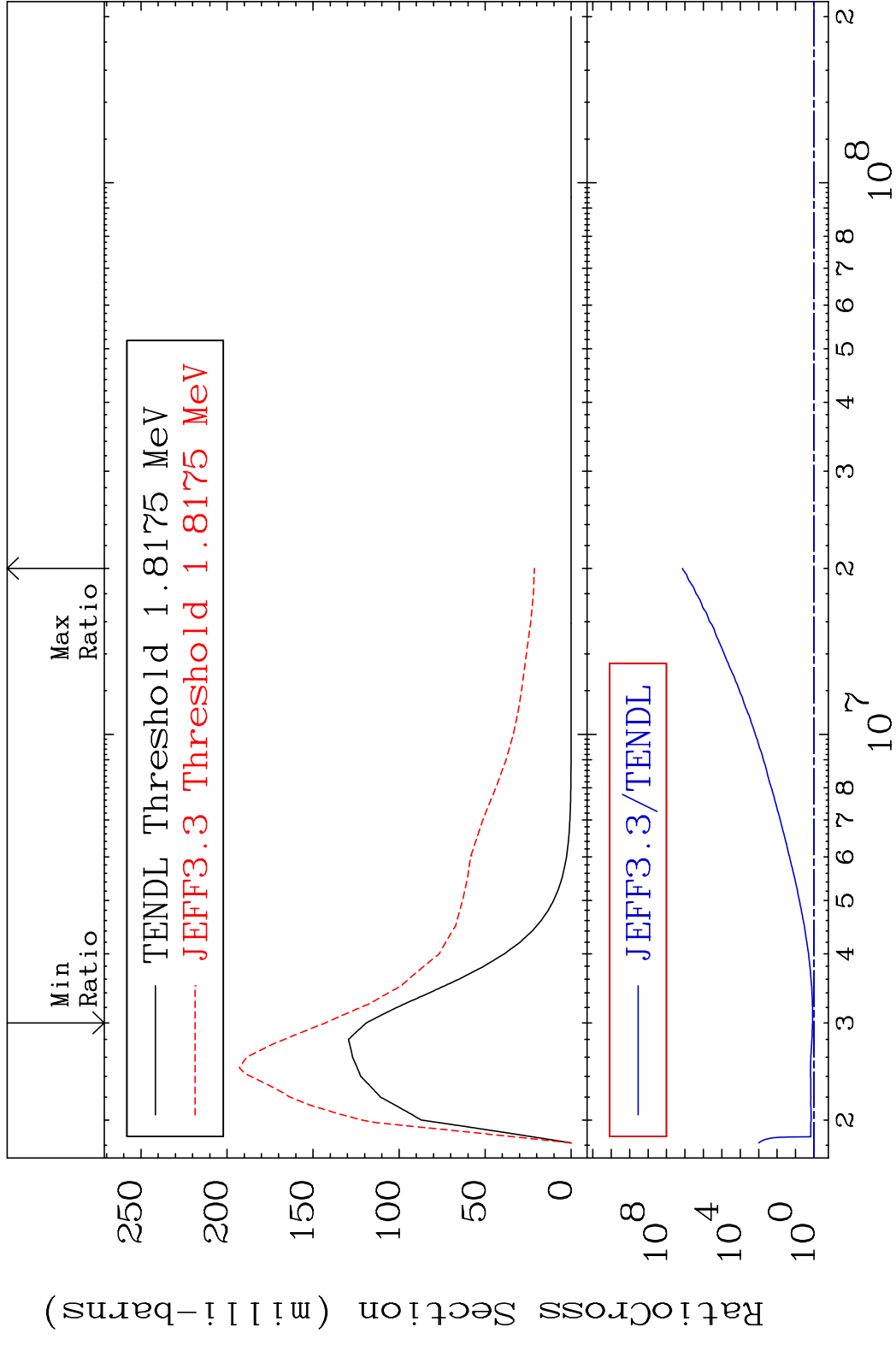


MAT 5449 MT= 53 (n, n') Level 54-Xe-132
 Cross Section -97.27 To 52.71 %

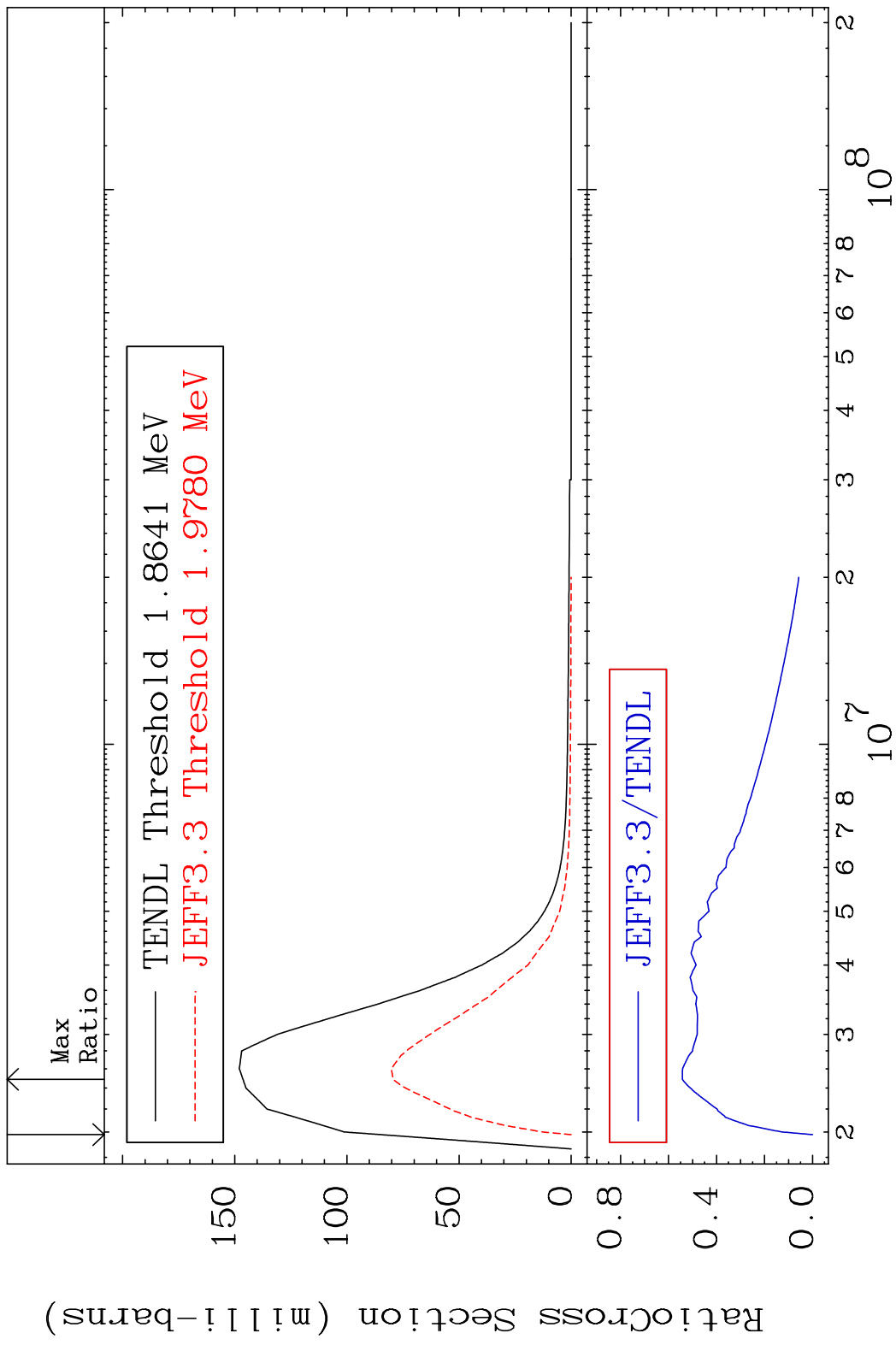


10 Incident Energy (eV) 54-Xe-132

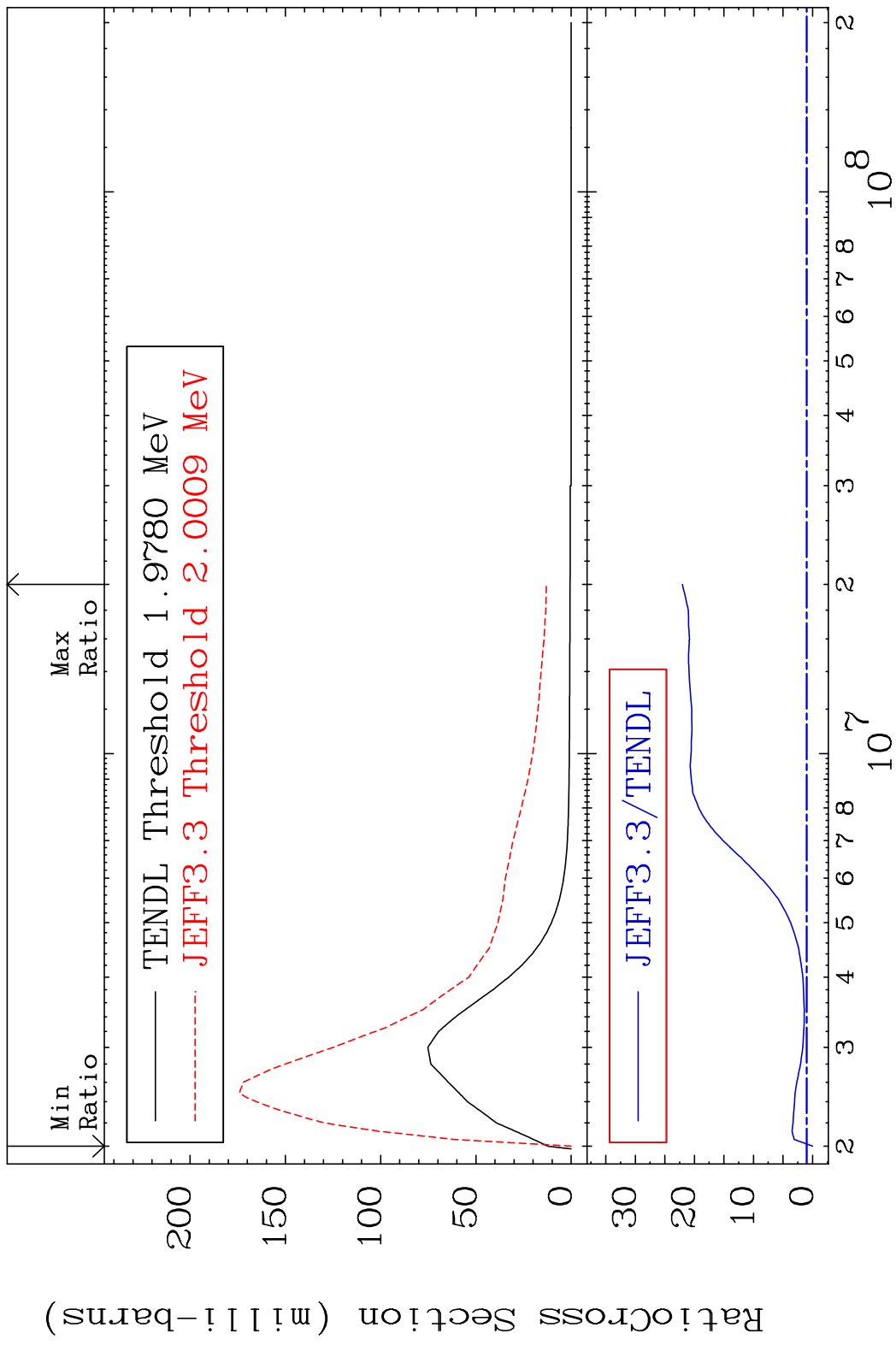
MAT 5449 MT= 54 (n, n') Level 54-Xe-132
 Cross Section 19.94 To 9999. %



MAT 5449 MT= 55 (n,n') Level 54-Xe-132
 Cross Section -100.0 To -45.74%



MAT 5449 MT= 56 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 2104. %

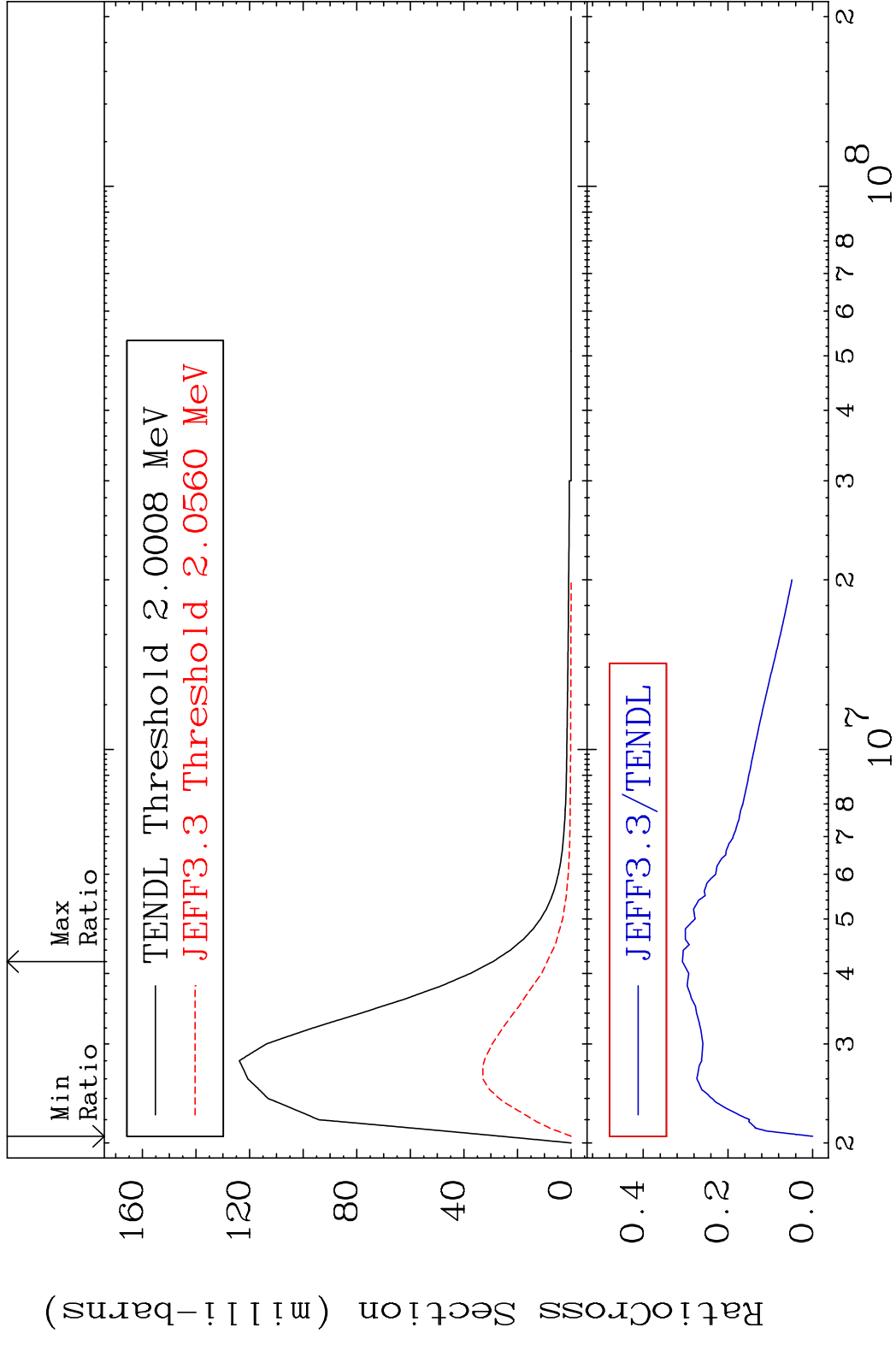


MAT 5449

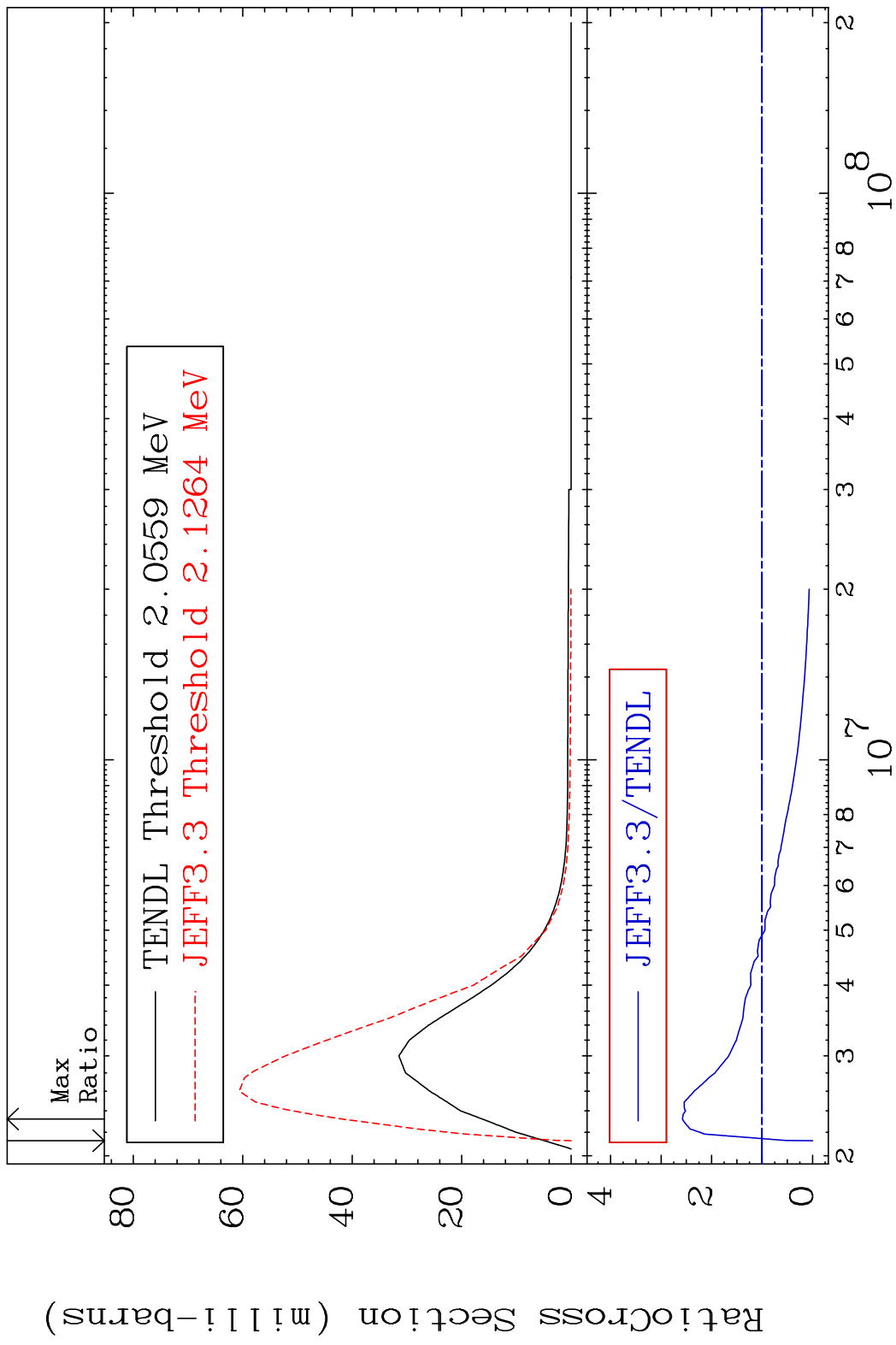
MT= 57 (n, n') Level

54-Xe-132

Cross Section -100.0 To -69.24%

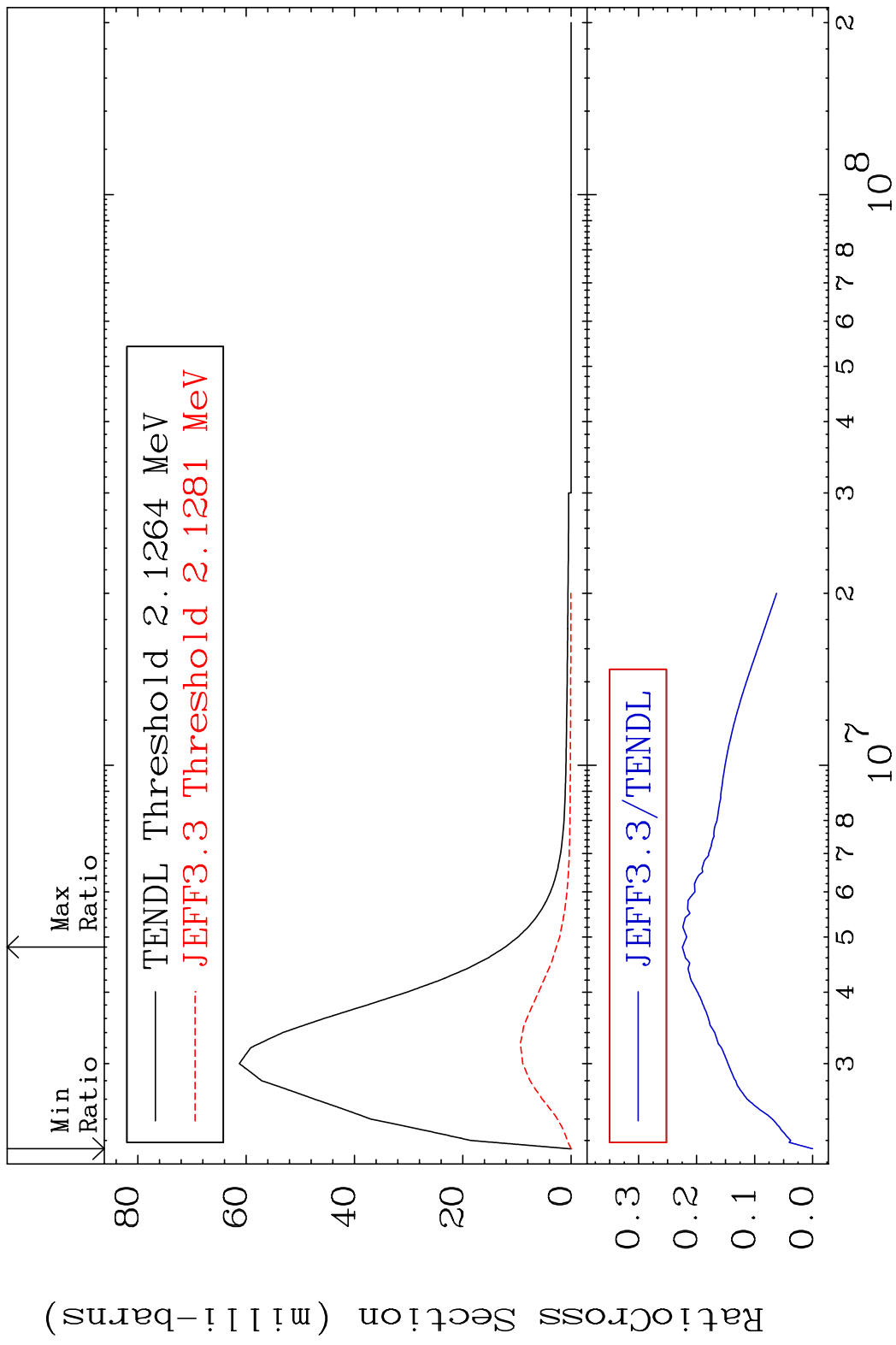


MAT 5449 MT= 58 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 157.9 %

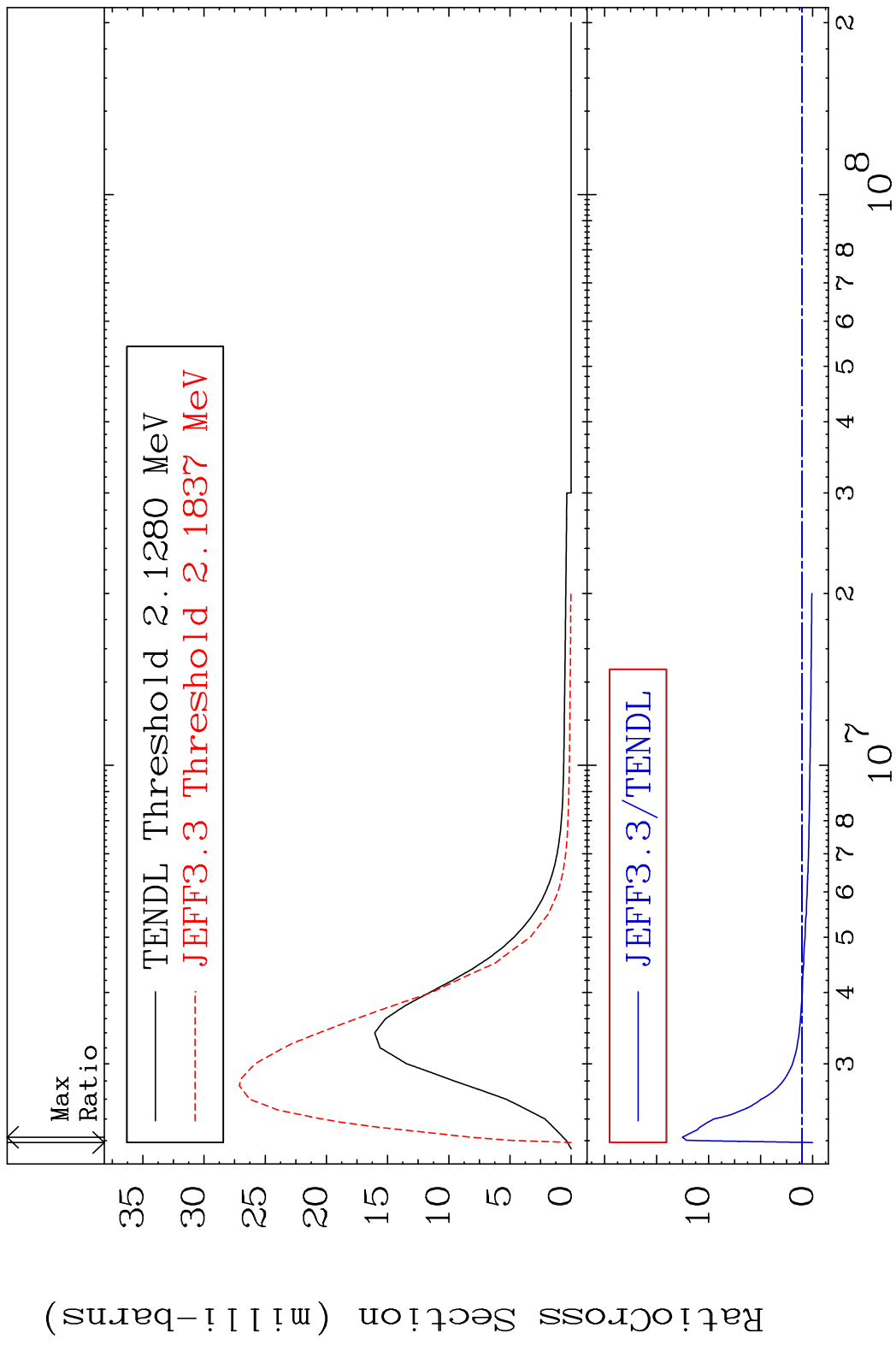


15 54-Xe-132

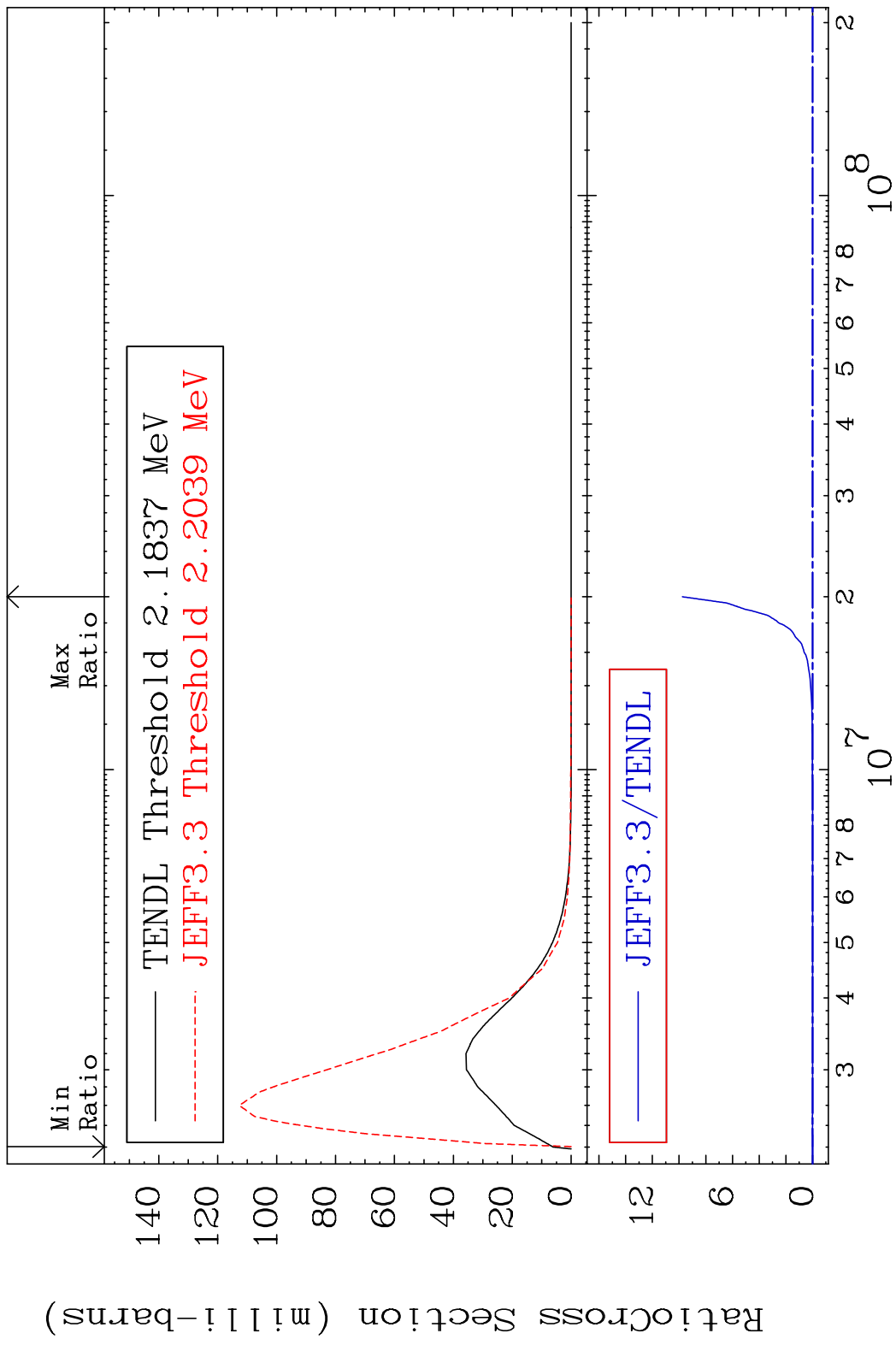
MAT 5449 MT= 59 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -77.54%



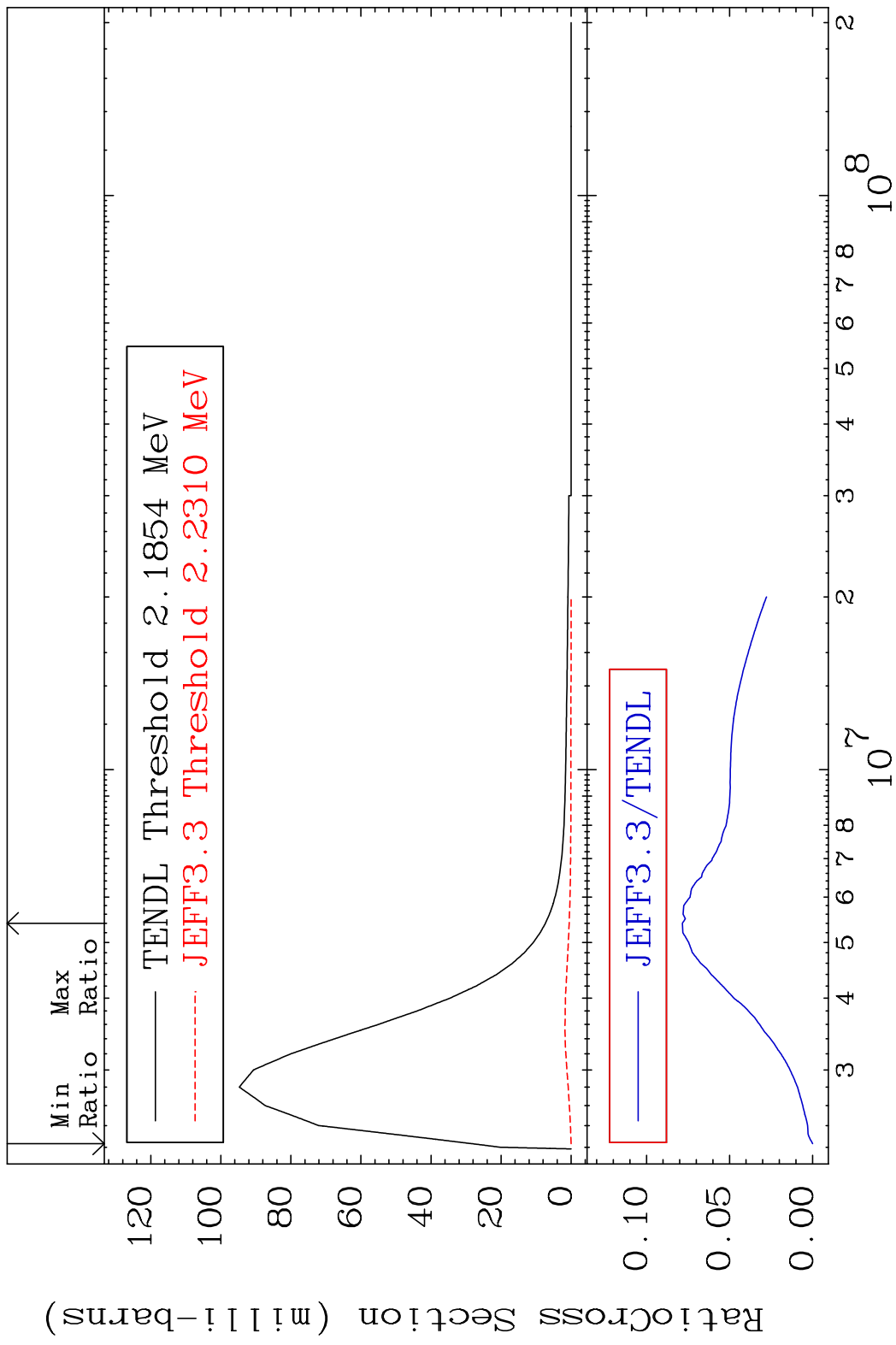
MAT 5449 MT= 60 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 1152. %



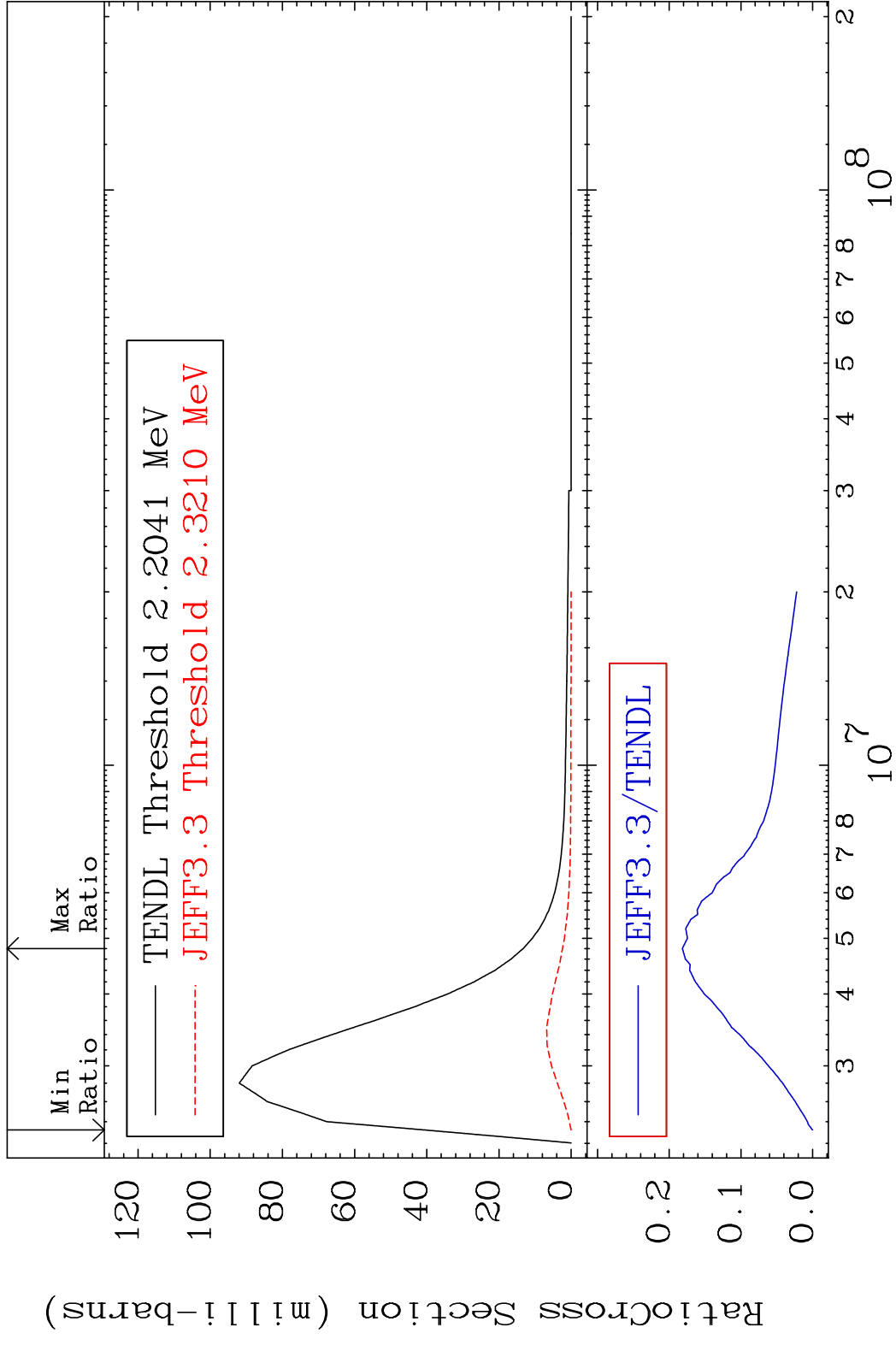
MAT 5449 MT= 61 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



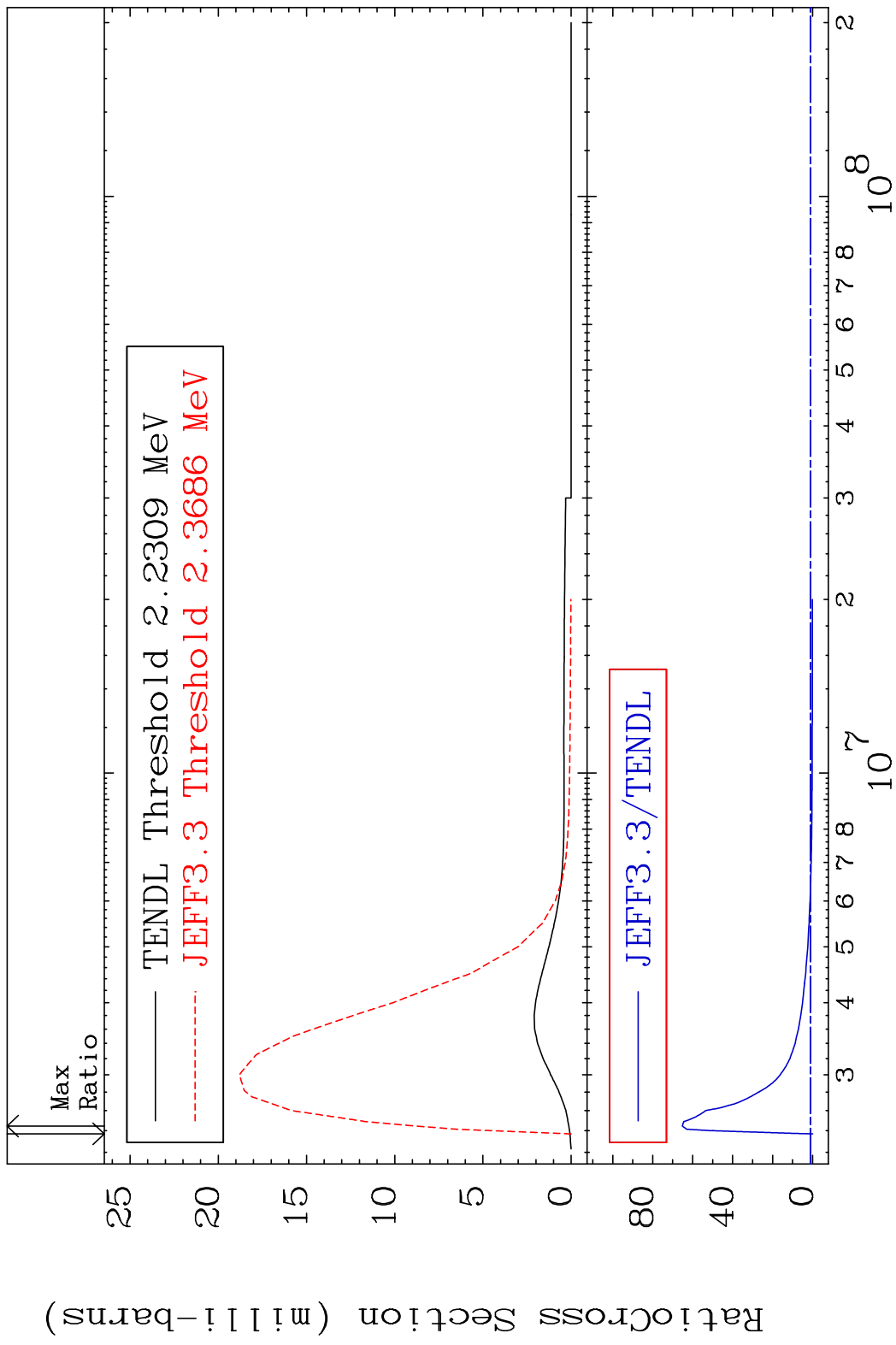
MAT 5449 MT= 62 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -92.16%



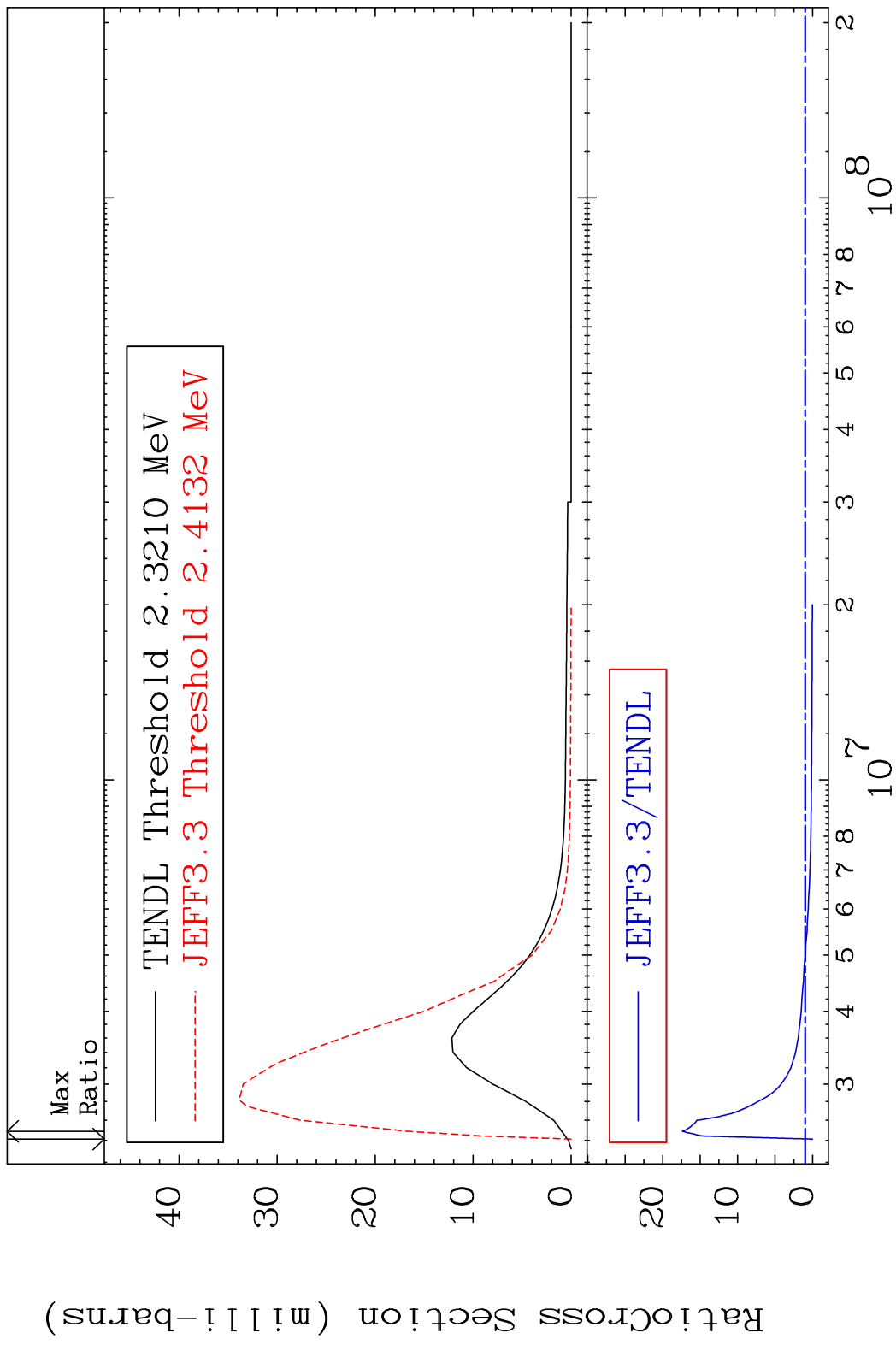
MAT 5449 MT= 63 (n, n') Level 54-Xe-132
 Cross Section -100.0 To -81.83%



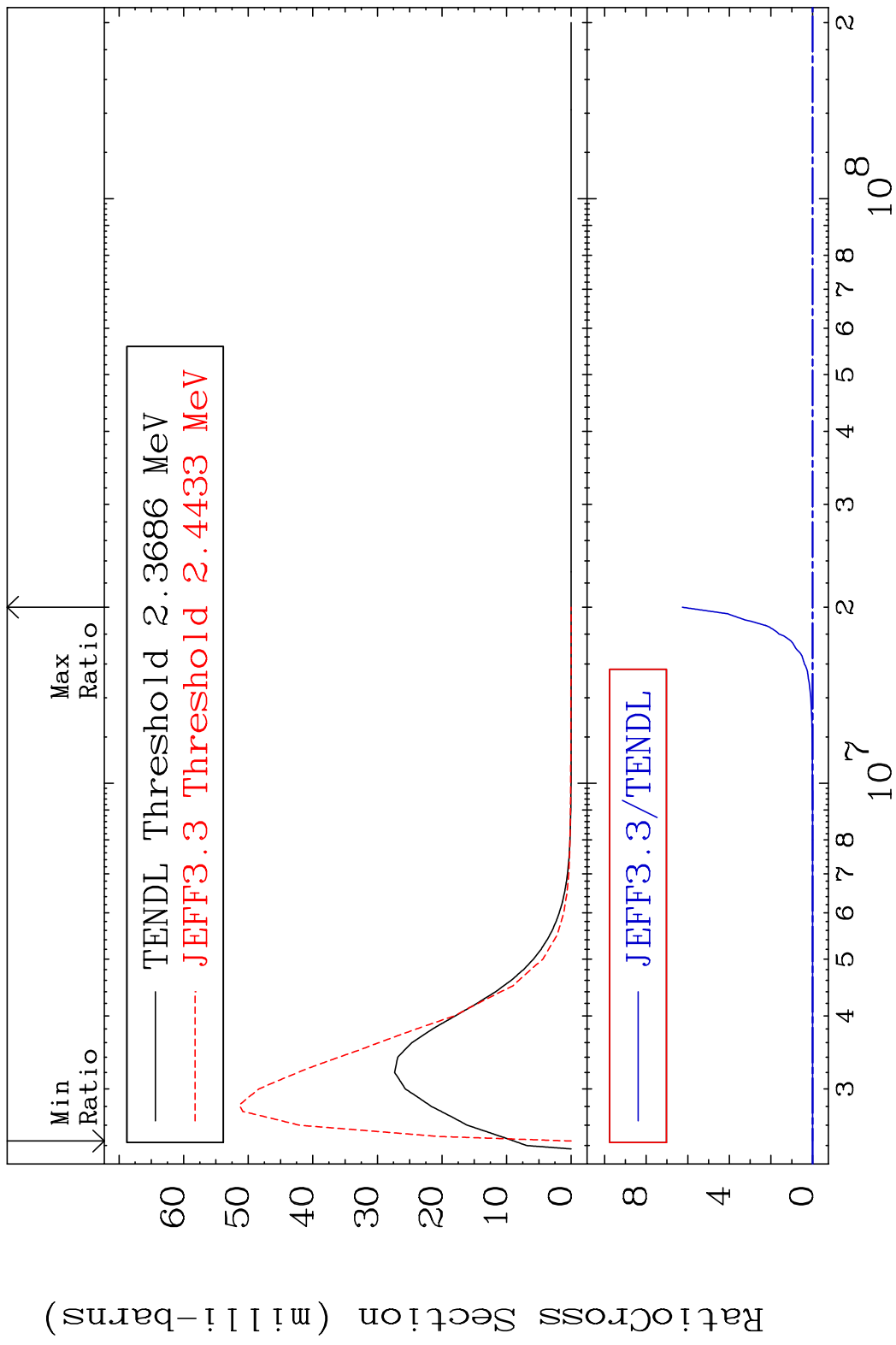
MAT 5449 MT= 64 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 6416. %



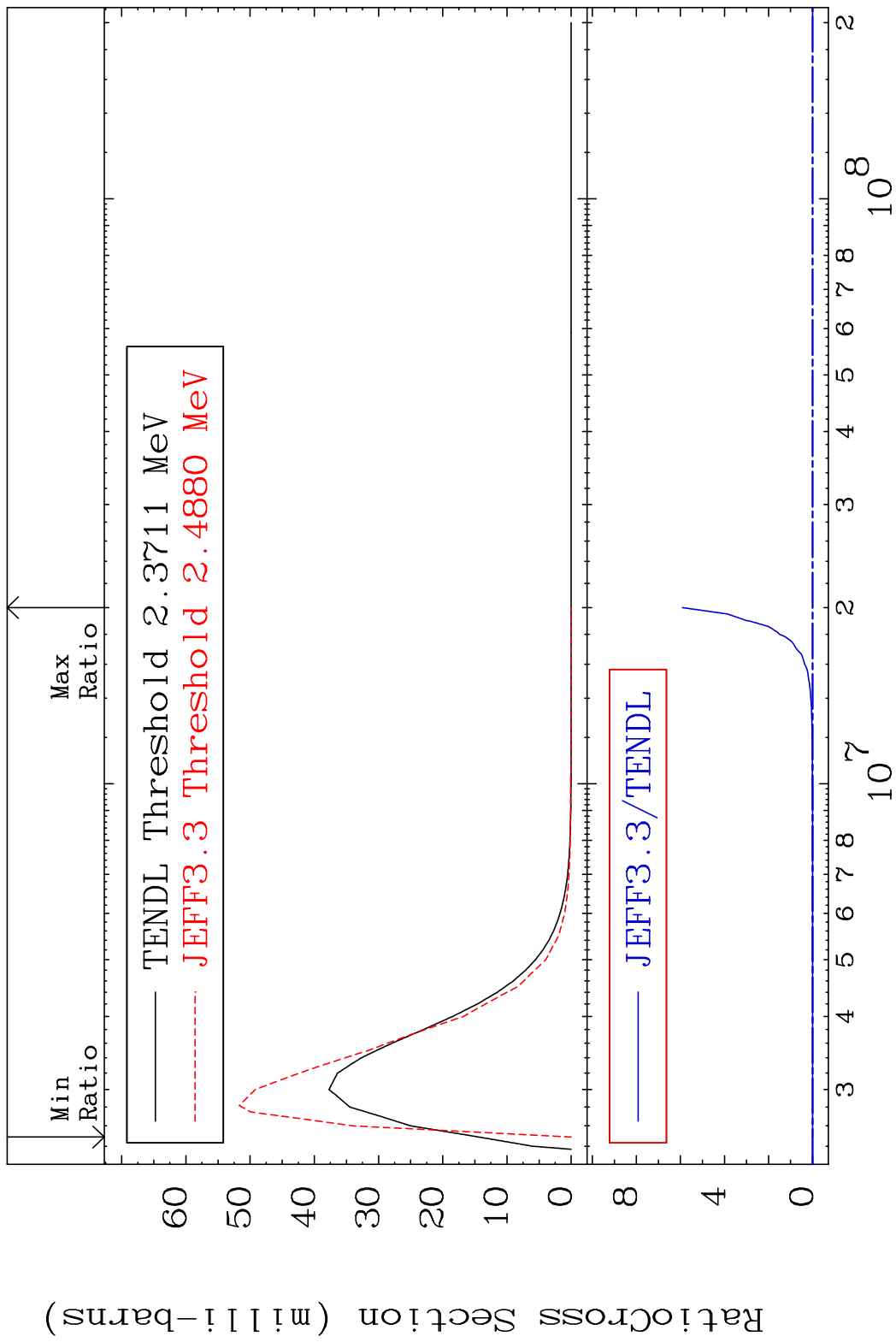
MAT 5449 MT= 65 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 1638. %



MAT 5449 MT= 66 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %



MAT 5449 MT= 67 (n, n') Level 54-Xe-132
 Cross Section -100.0 To 9999. %

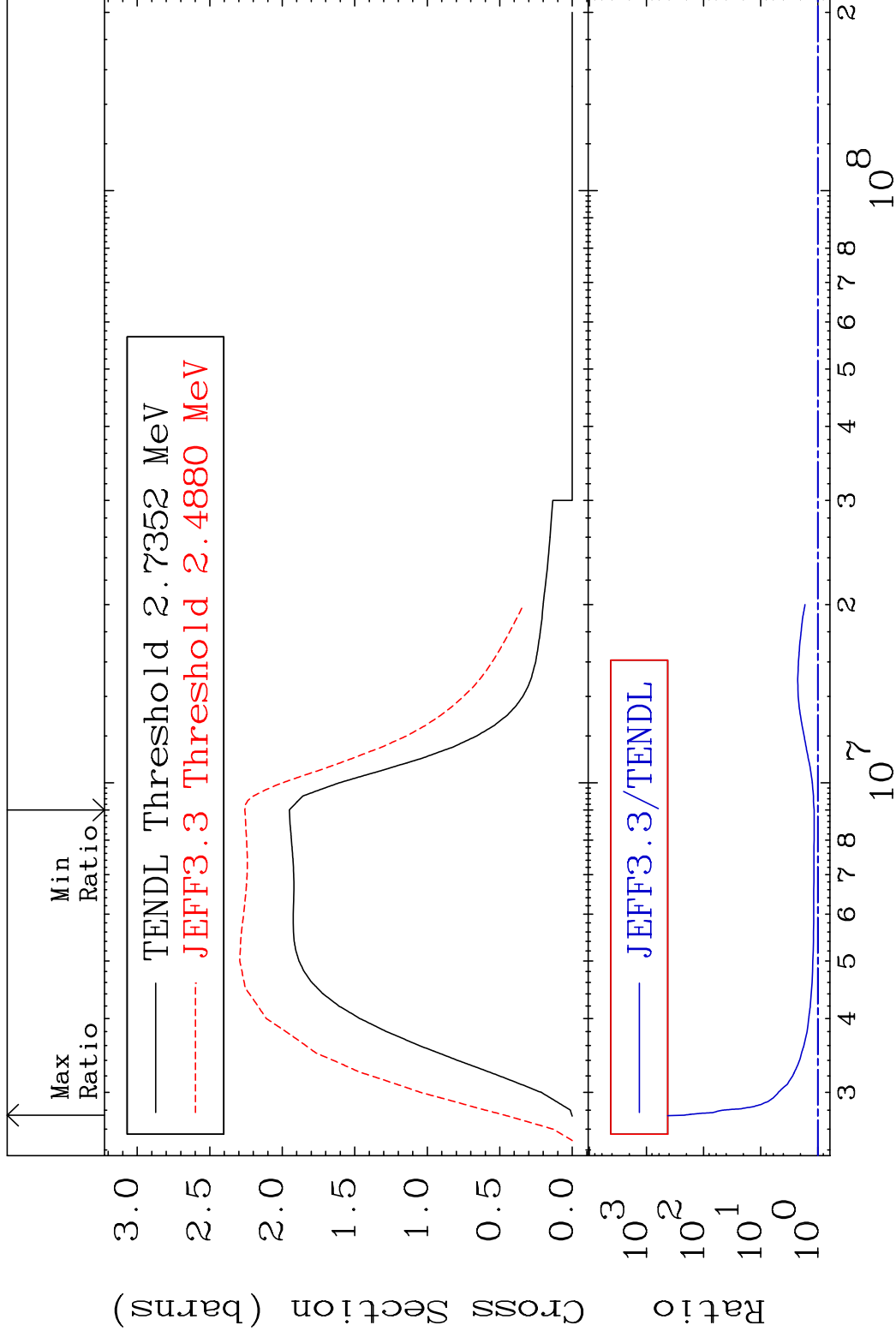


MAT 5449

(n,n') Continuum

54-Xe-132

Cross Section 15.70 To 9999. %



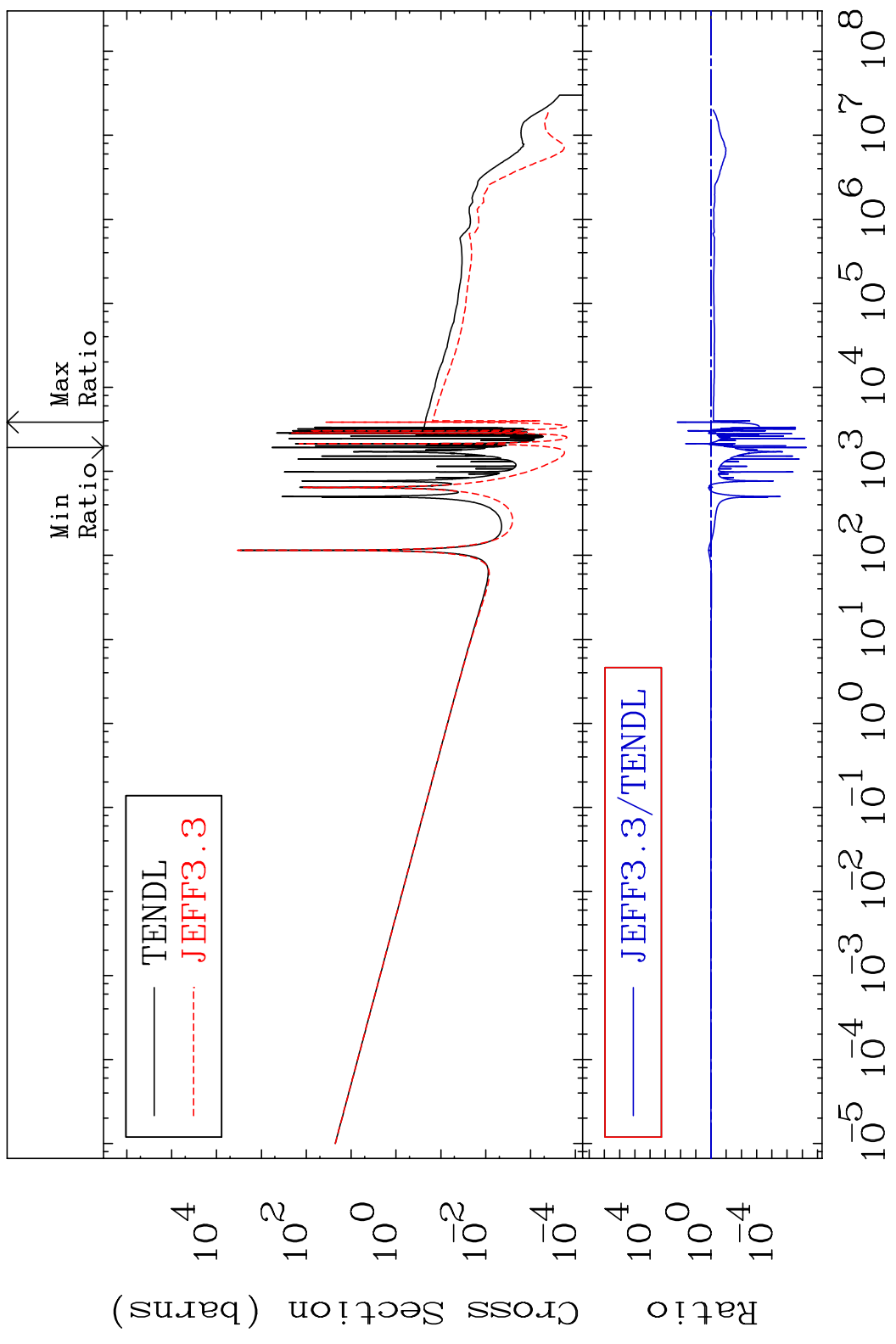
25

Incident Energy (eV)

54-Xe-132

MAT 5449

(n, γ)
Cross Section -100.0 To 9999. %
54-Xe-132

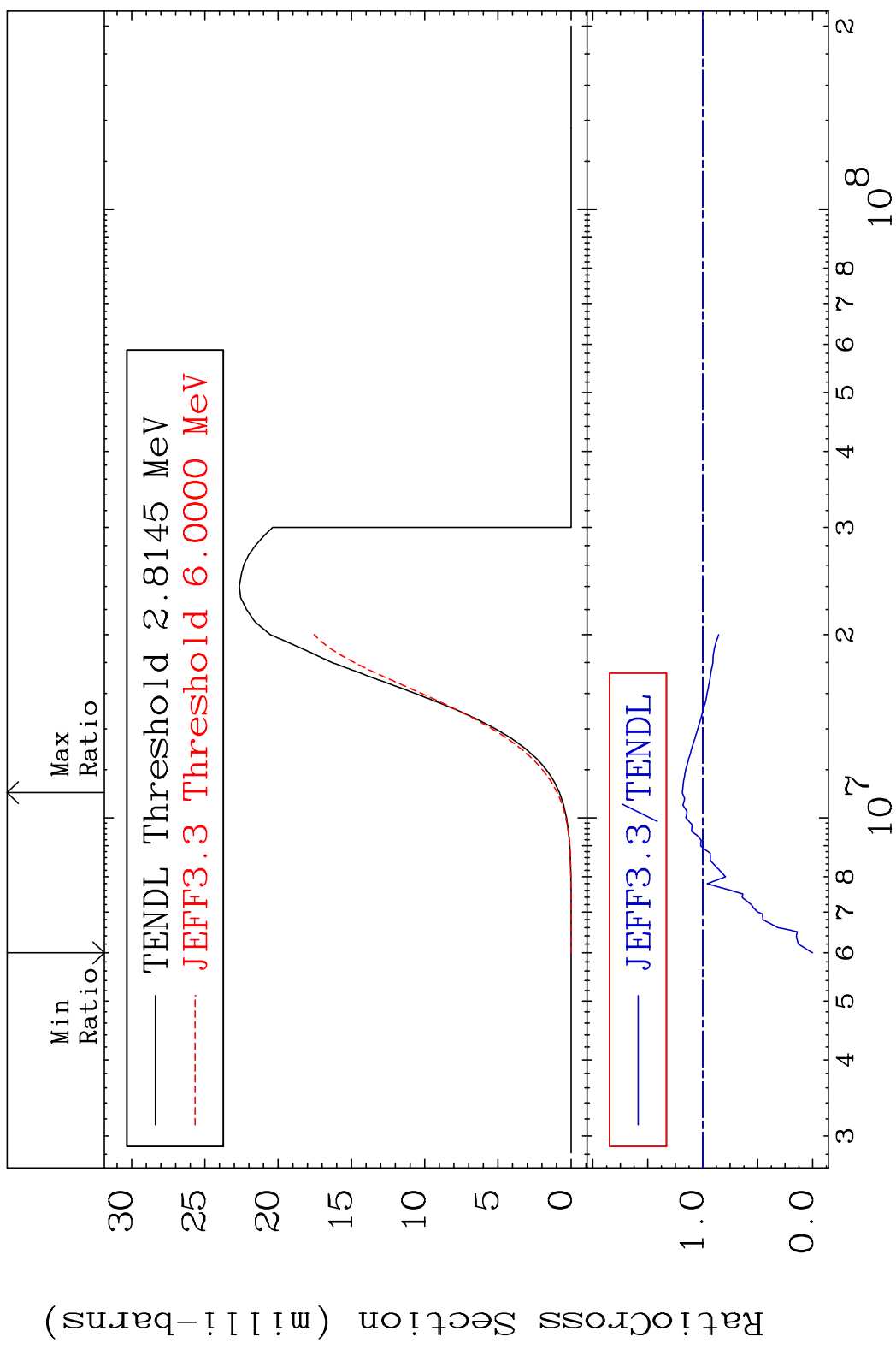


MAT 5449

(n, p)

54-Xe-132

Cross Section -100.0 To 18.52 %

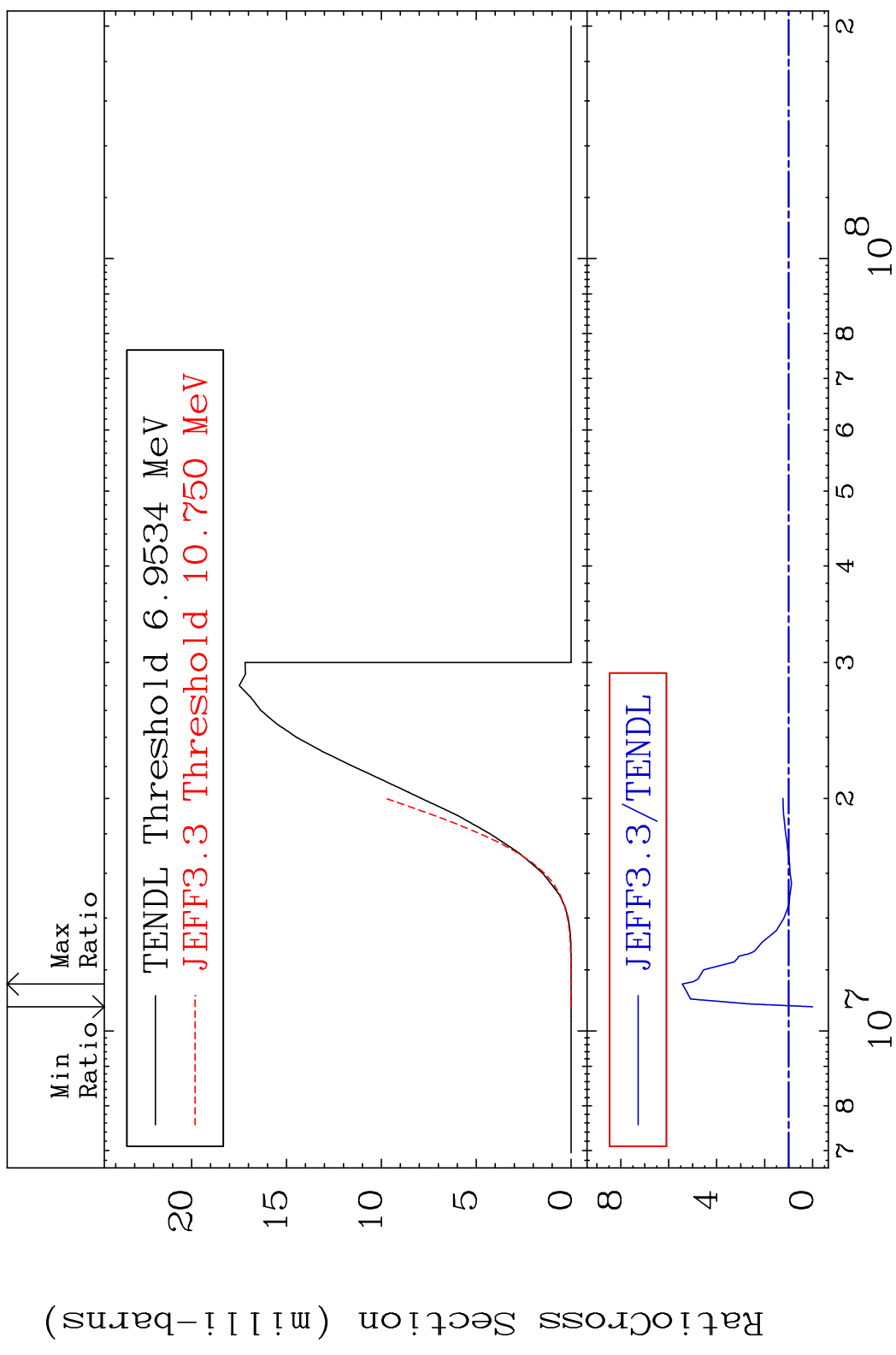


MAT 5449

(n, d)

54-Xe-132

Cross Section -100.0 To 443.4 %



28

Incident Energy (eV)

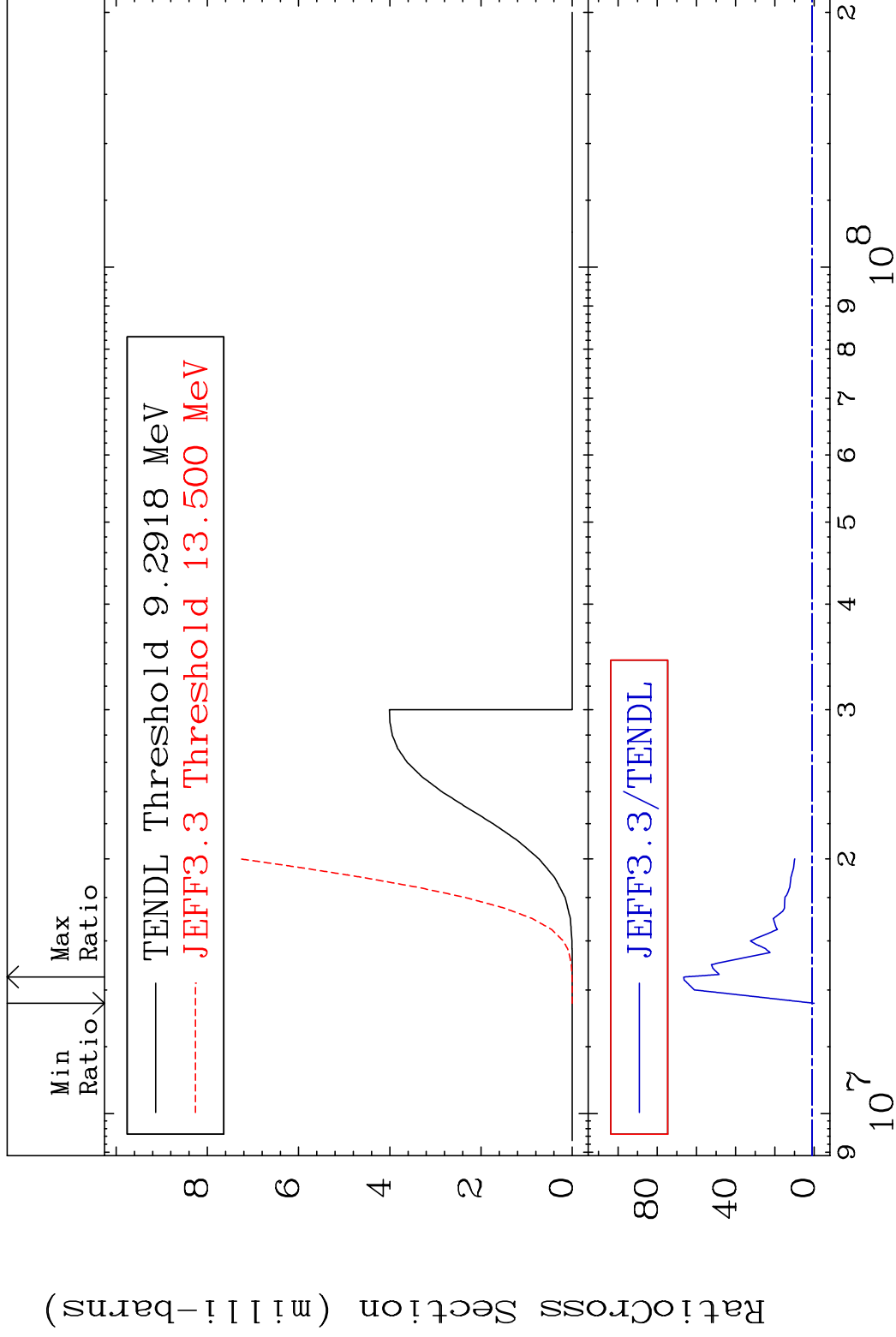
54-Xe-132

MAT 5449

(n, t)

54-Xe-132

Cross Section -100.0 To 6553. %



29

Incident Energy (eV)

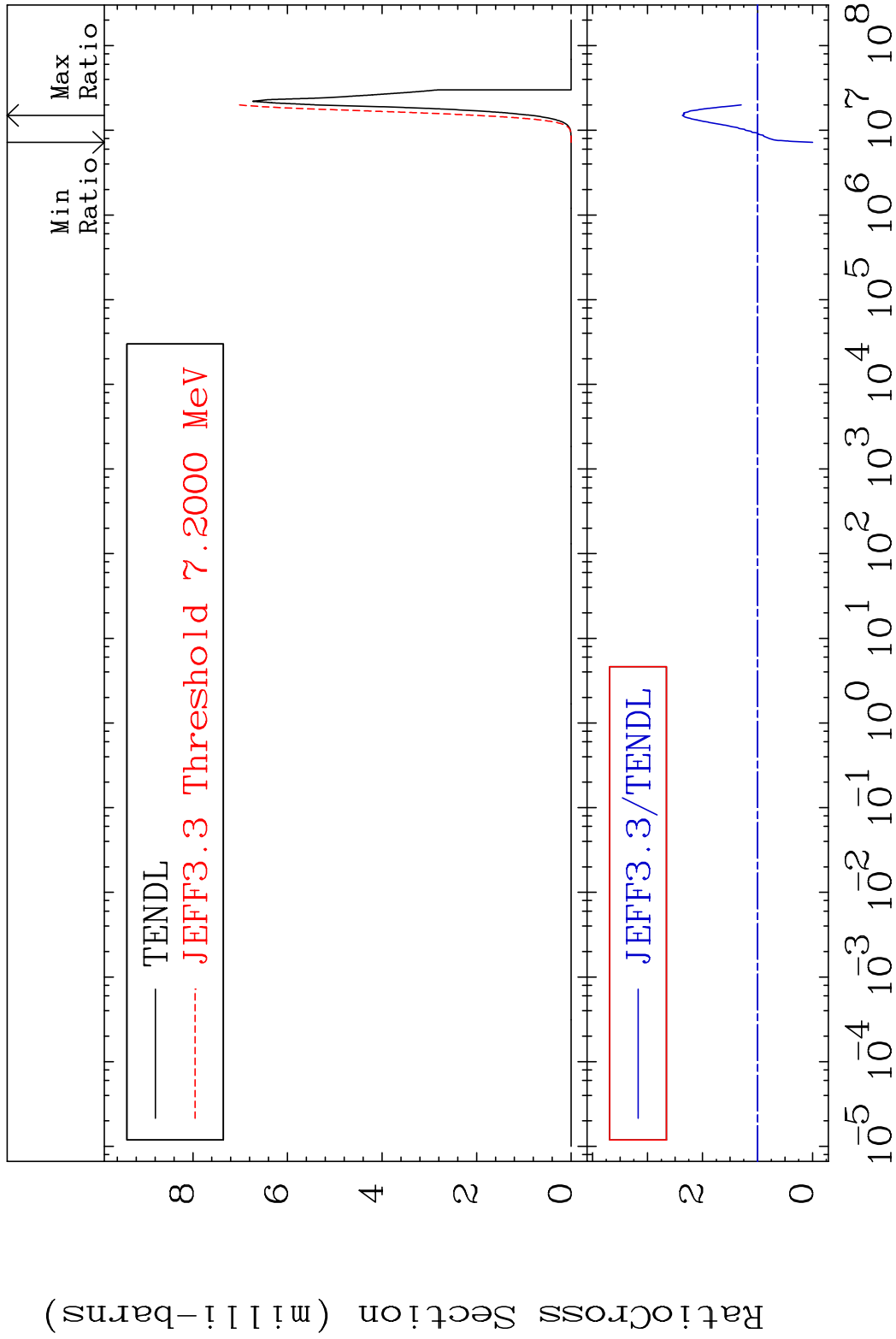
54-Xe-132

MAT 5449

(n, α)

54-Xe-132

Cross Section -100.0 To 136.8 %



30

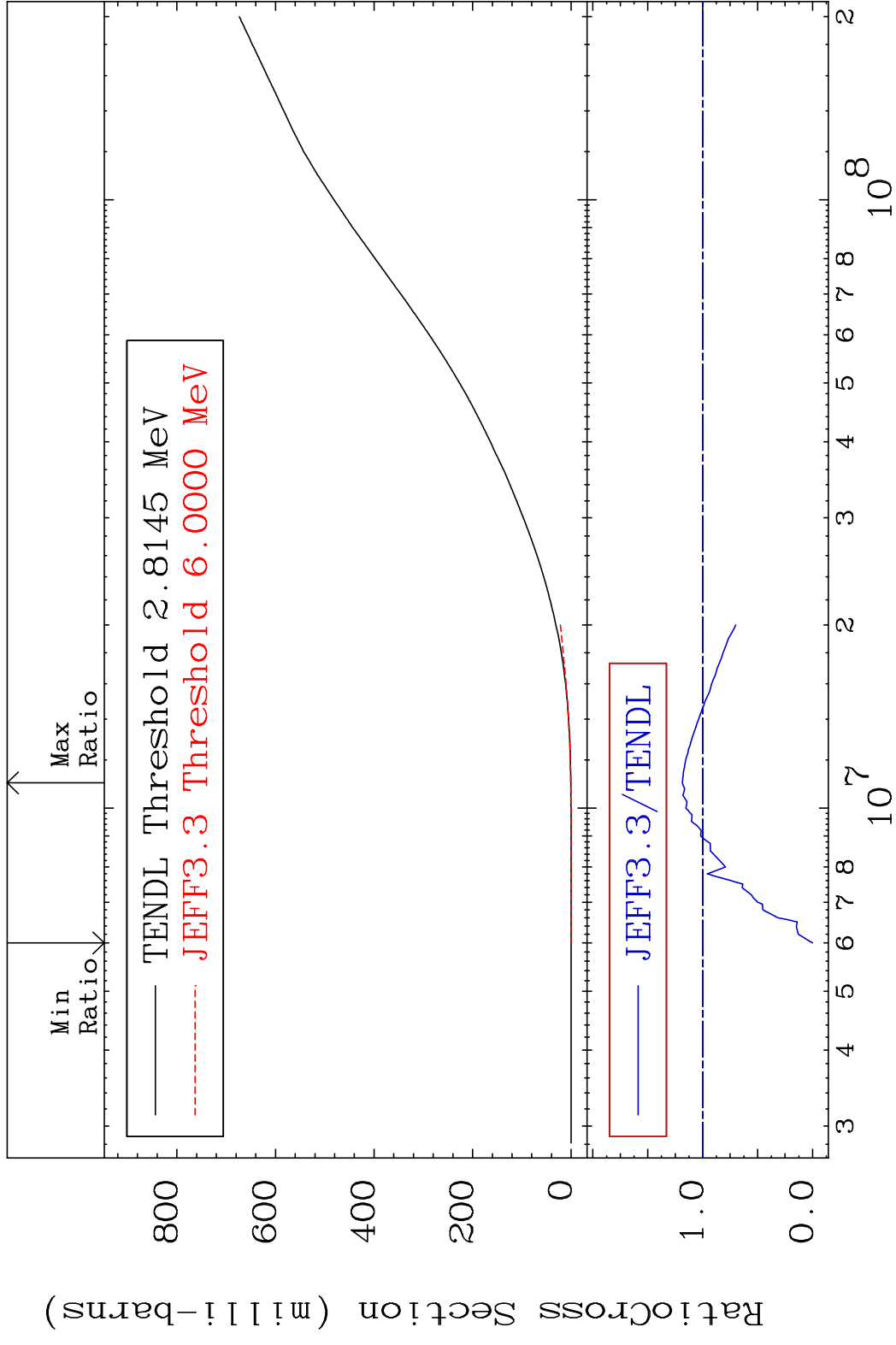
Incident Energy (eV)

54-Xe-132

MAT 5449

Hydrogen Production
Cross Section -100.0 To 18.52 %

54-Xe-132



31

Incident Energy (eV)

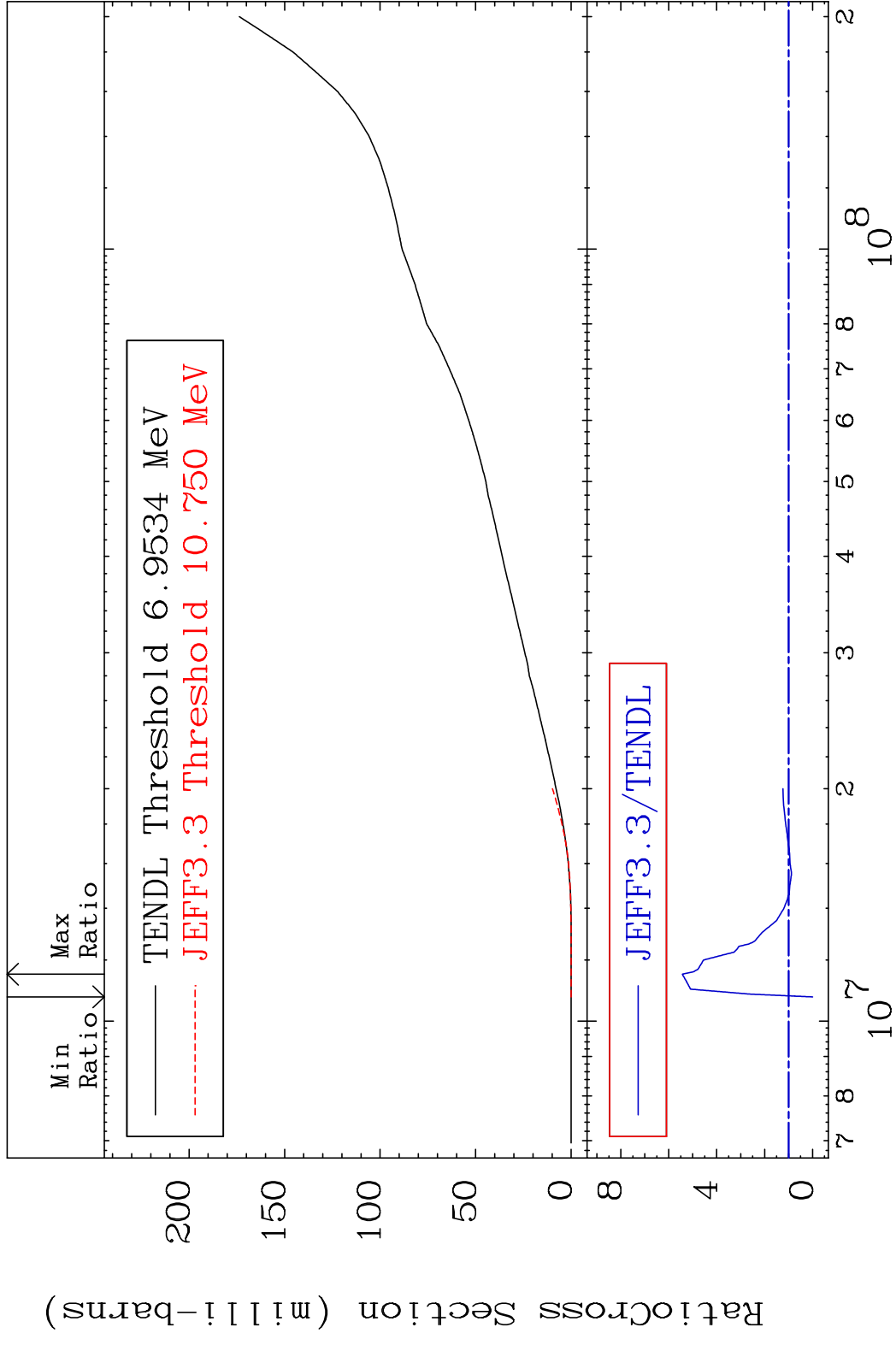
54-Xe-132

MAT 5449

Deuterium Production

54-Xe-132

Cross Section -100.0 To 443.4 %

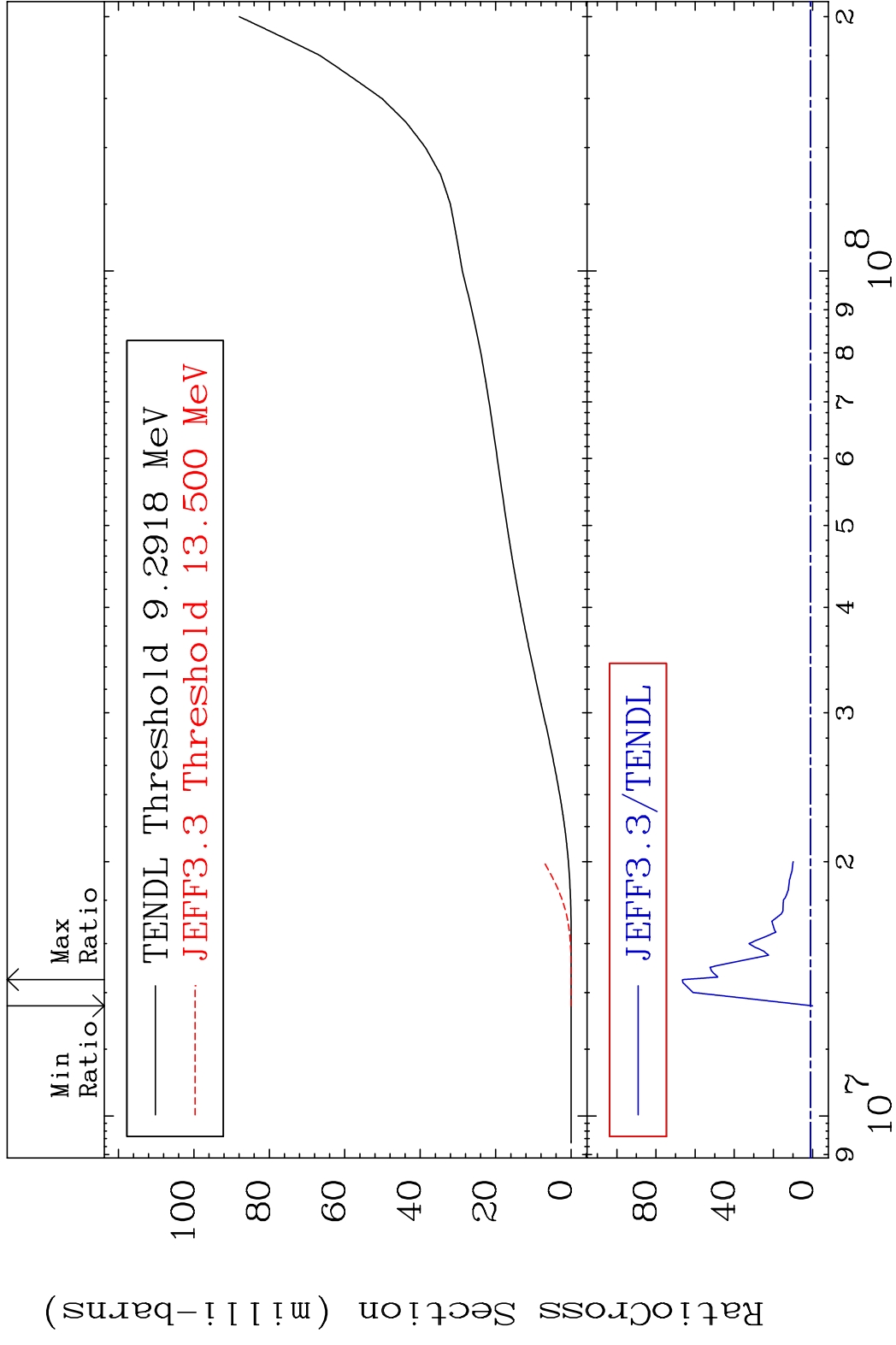


MAT 5449

Tritium Production

54-Xe-132

Cross Section -100.0 To 6553. %



33

Incident Energy (eV)

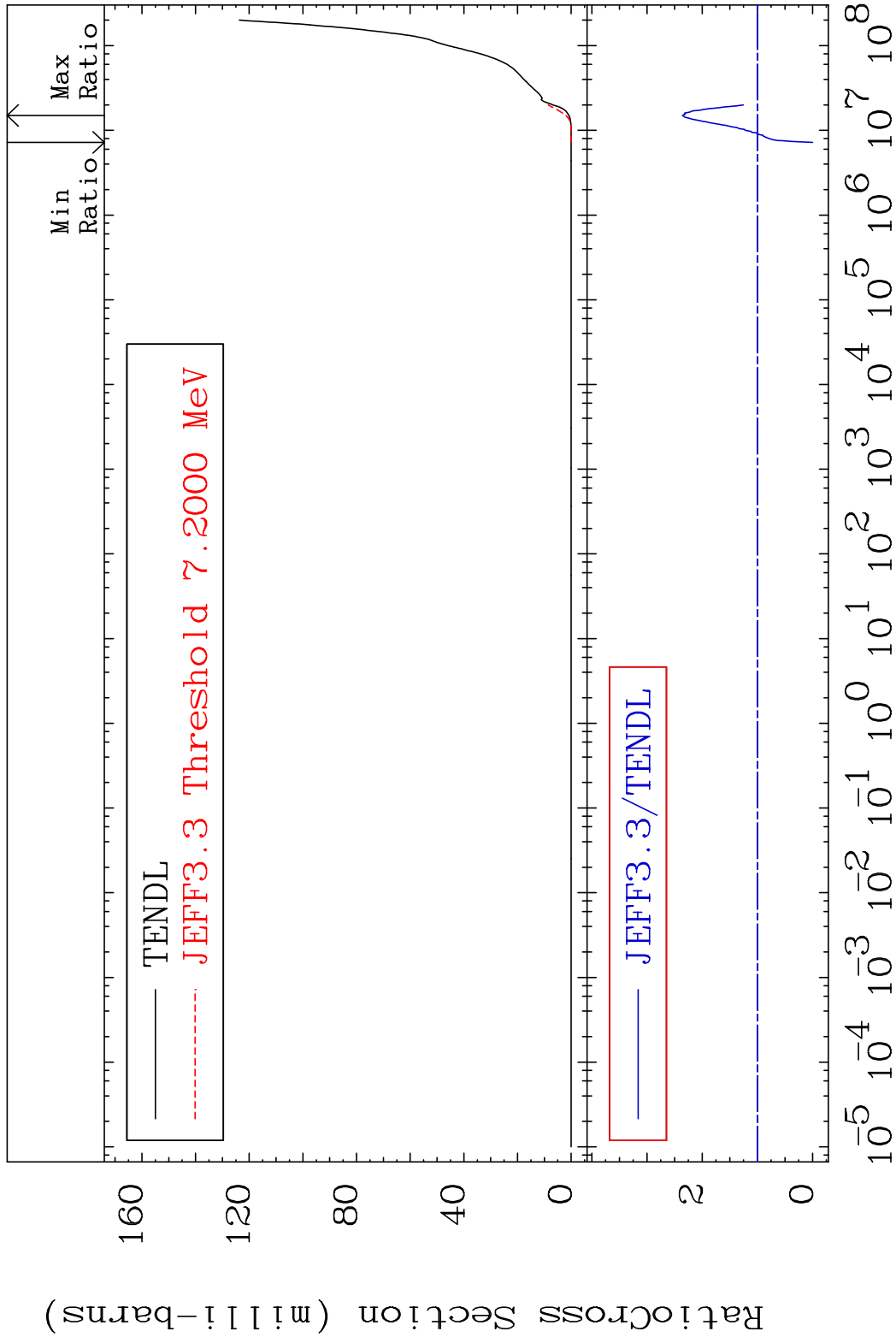
54-Xe-132

MAT 5449

He-4 Production

54-Xe-132

Cross Section -100.0 To 136.0 %

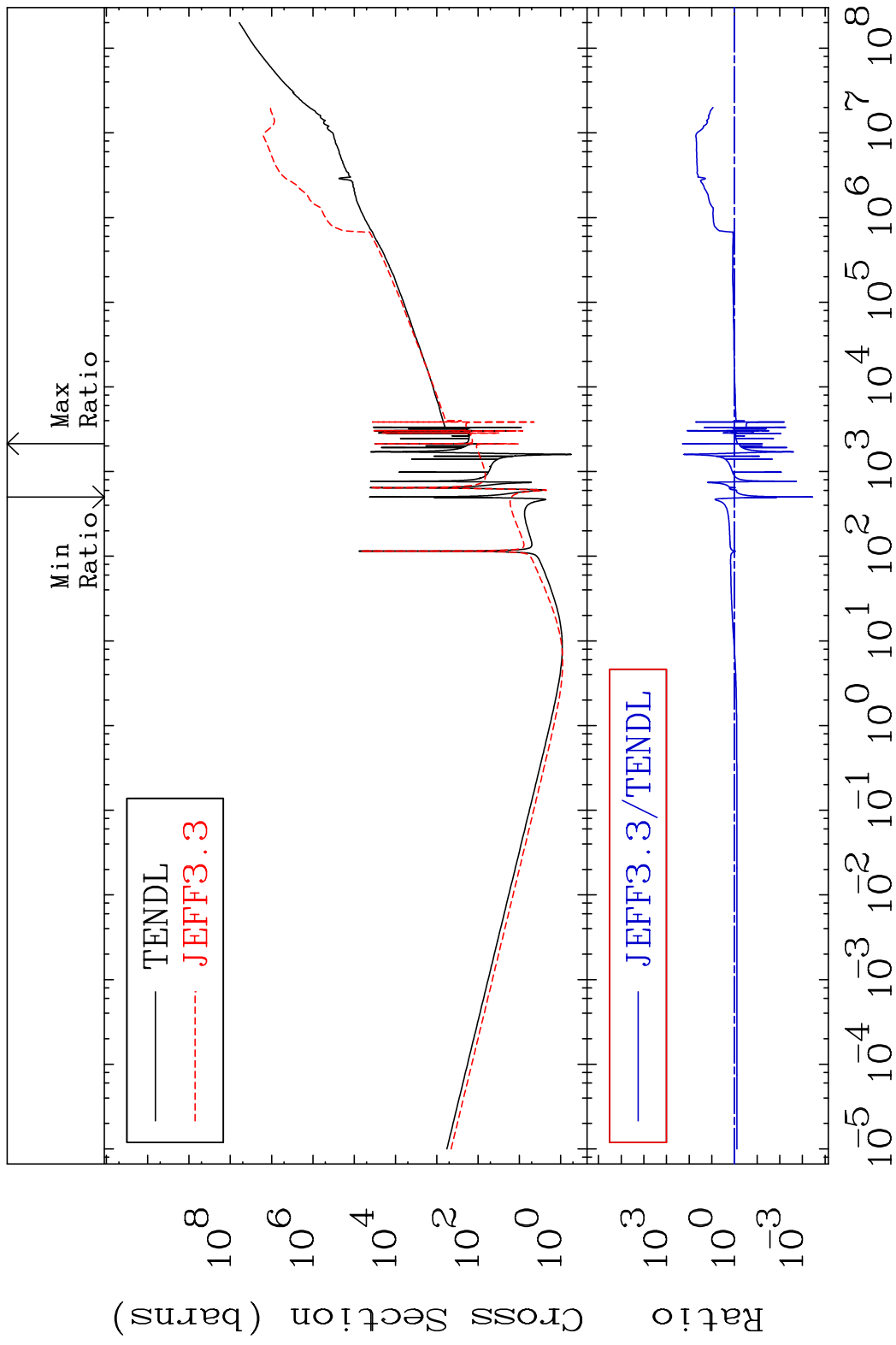


34

Incident Energy (eV)

54-Xe-132

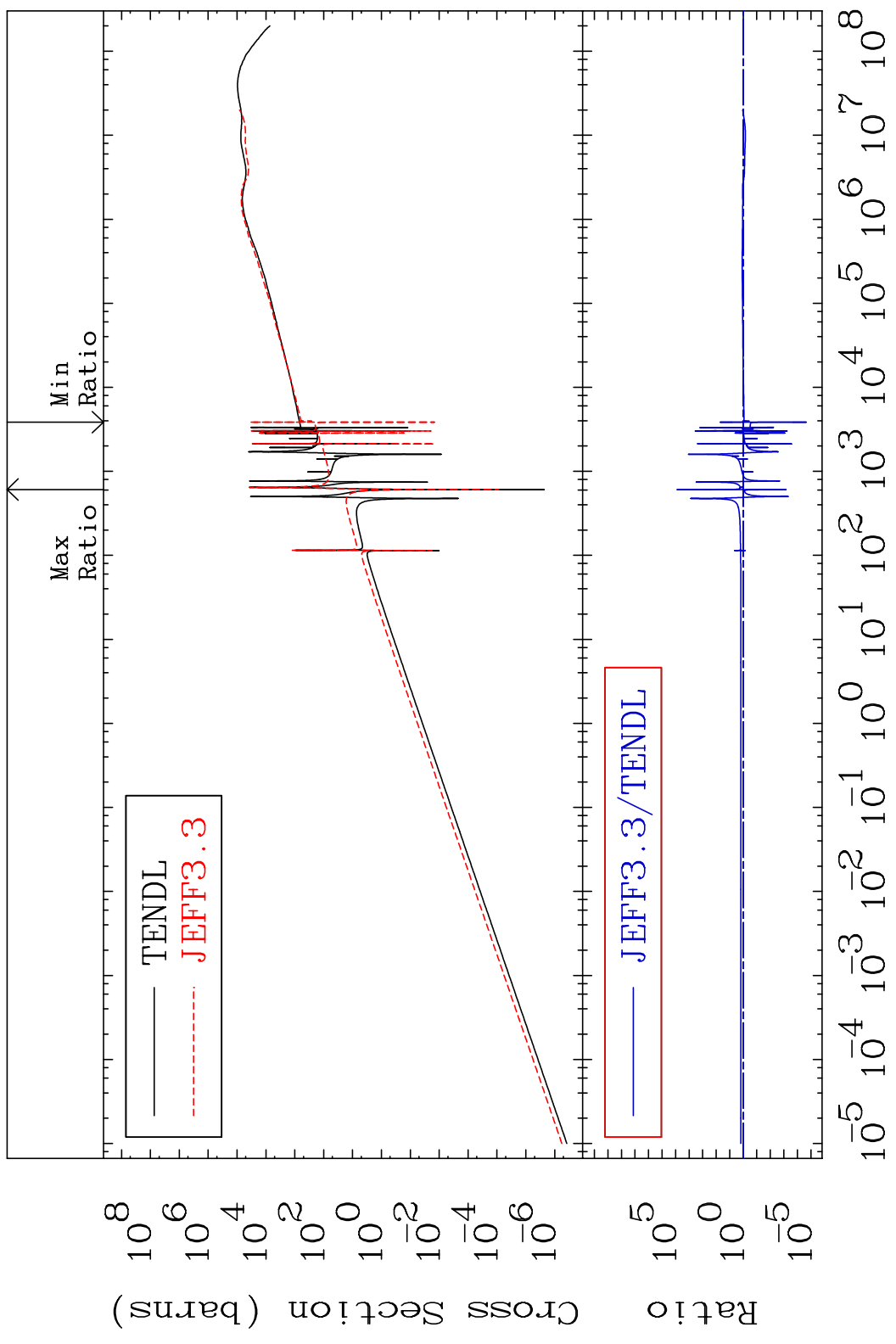
MAT 5449 Kerma total (eV-barns) 54-Xe-132
 Cross Section -99.96 To 9999. %



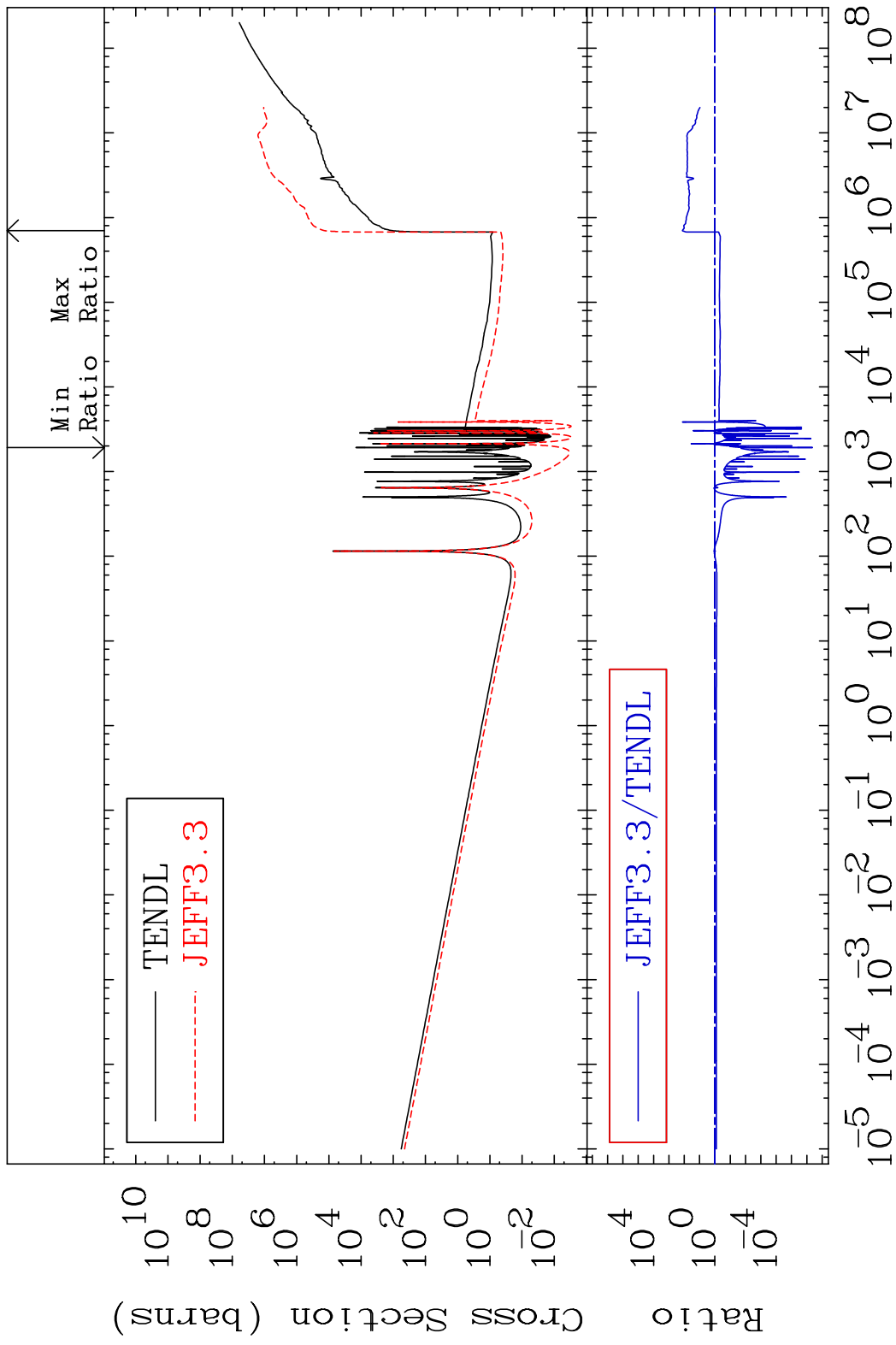
35 Incident Energy (eV) 54-Xe-132

MAT 5449

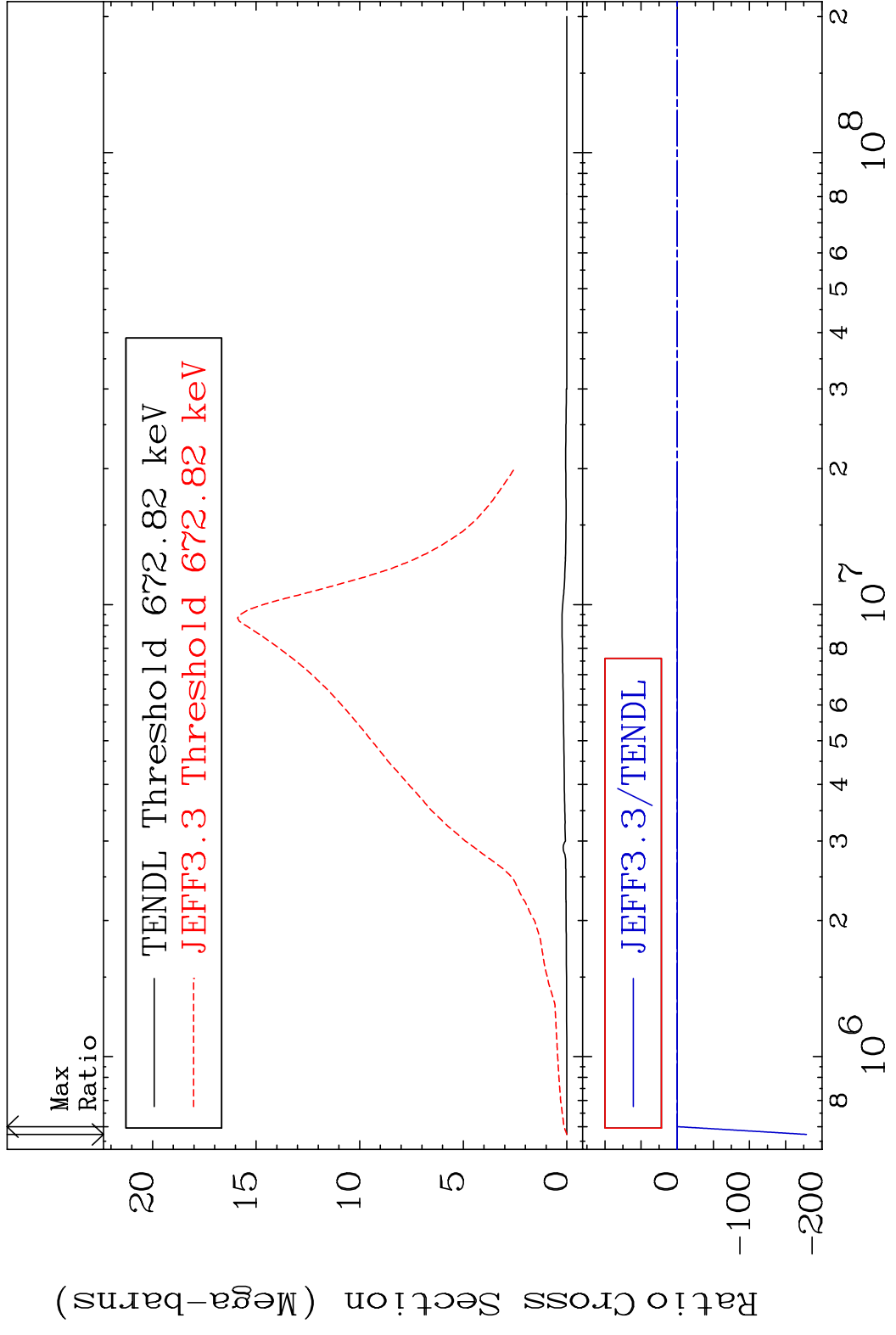
Kerma elastic Cross Section -100.0 To 9999. %
54-Xe-132



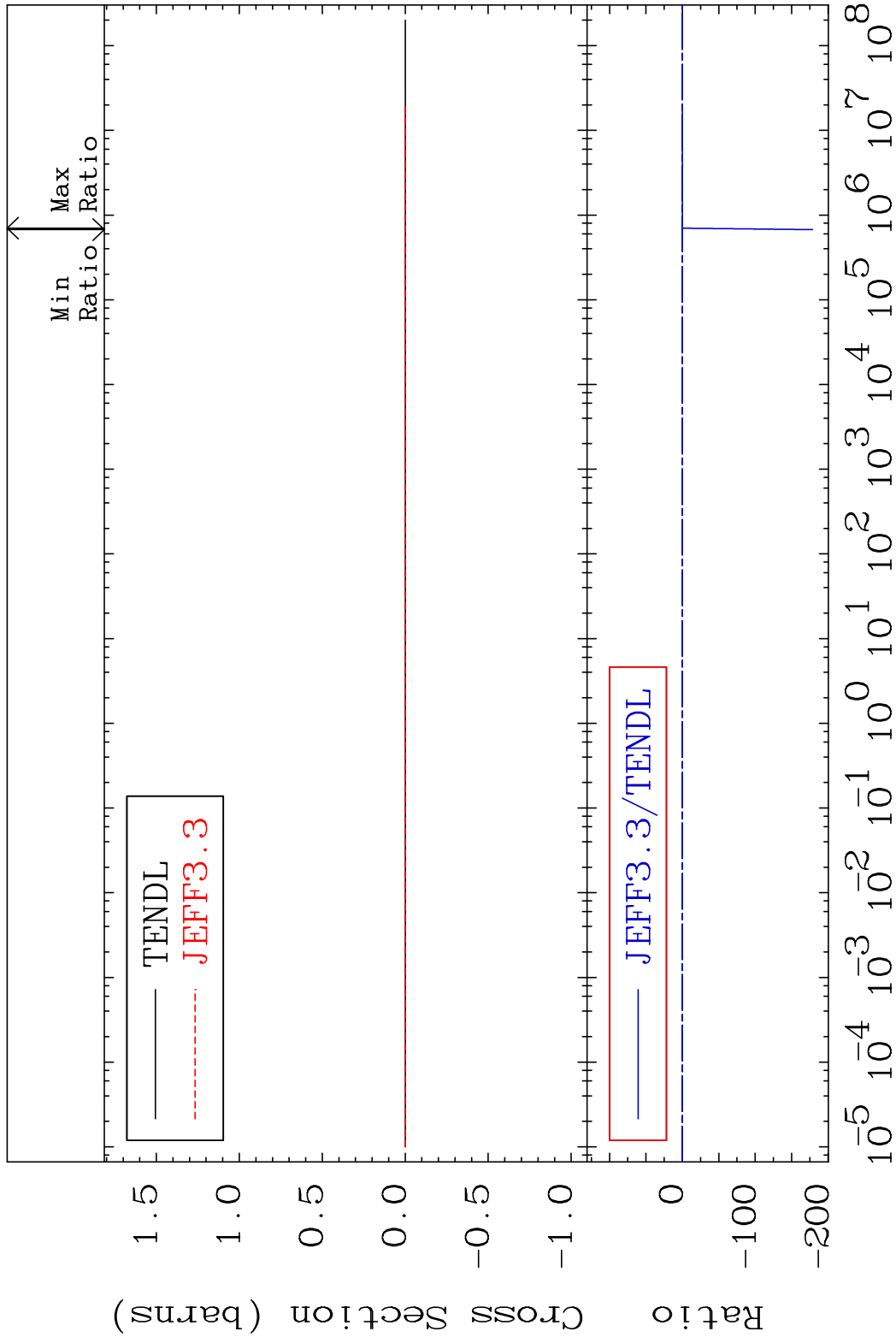
MAT 5449 Kerma non-elastic (all but mt2) 54-Xe-132
 Cross Section -100.0 To 9999. %



MAT 5449 Kerma inelastic (mt51-91) 54-Xe-132
 Cross Section -9999. To 9999. %

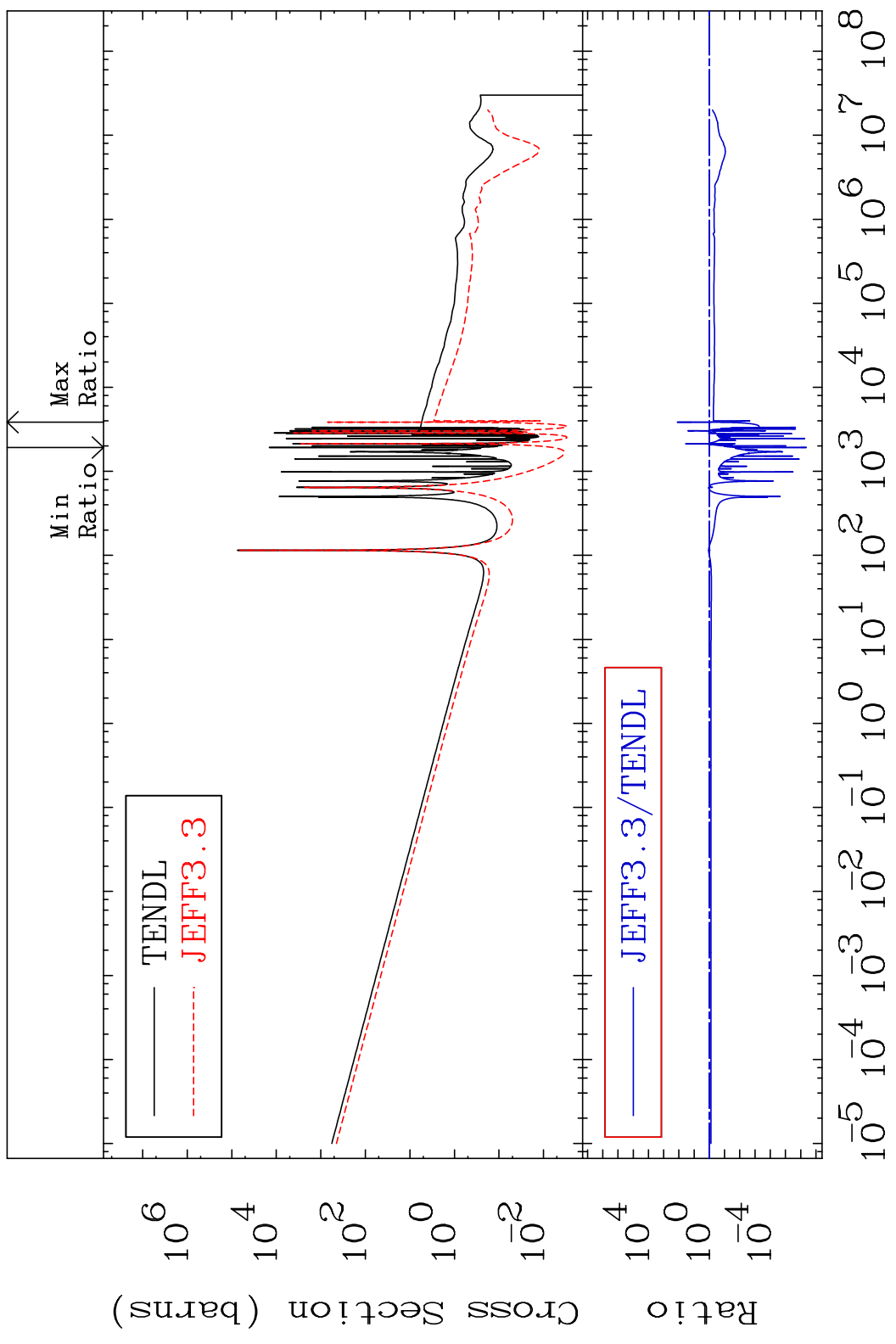


MAT 5449 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-132
 Cross Section -9999. To 9999. %



MAT 5449

Kerma capture (mt102) 54-Xe-132
Cross Section -100.0 To 9999. %

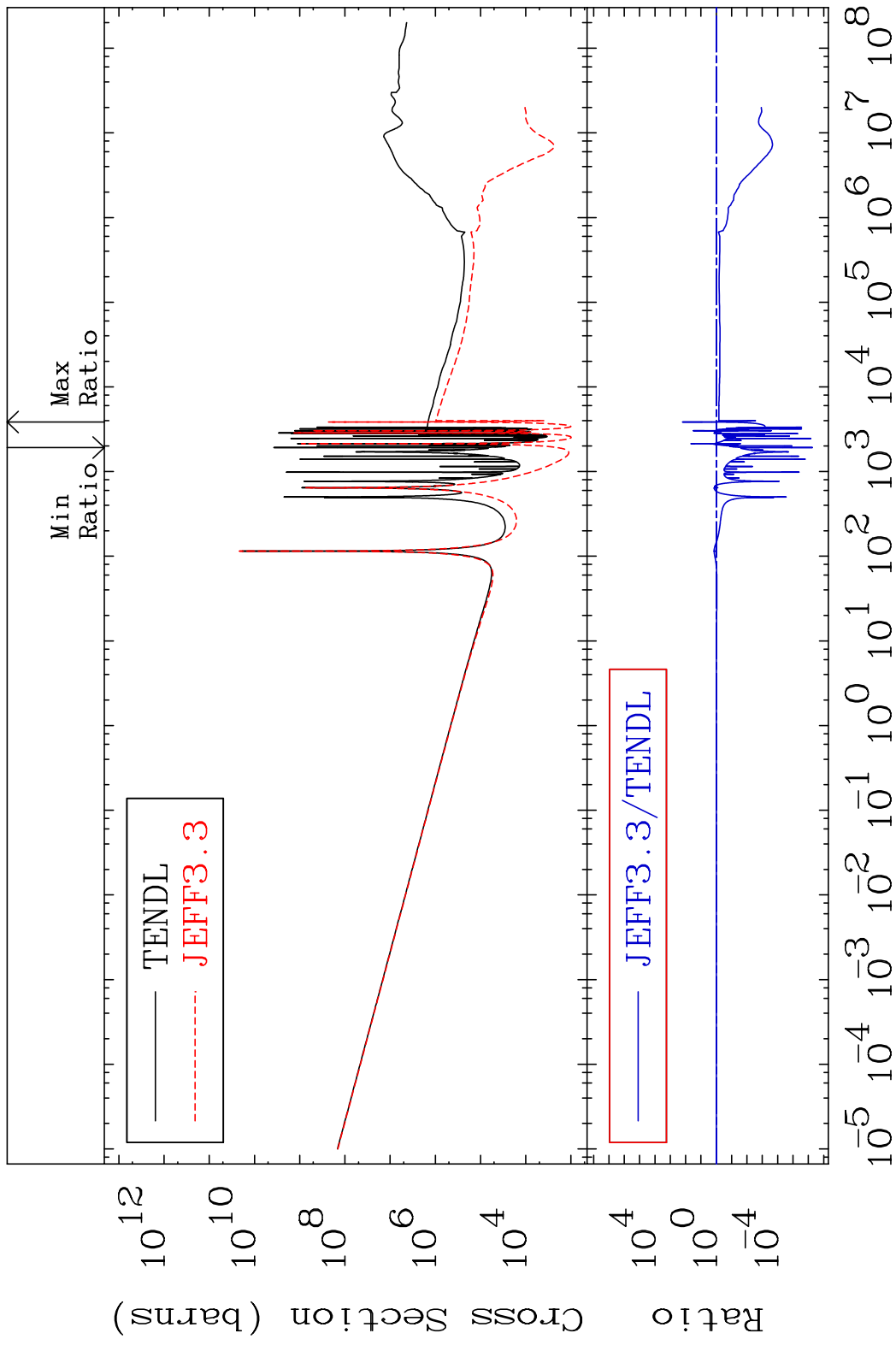


40

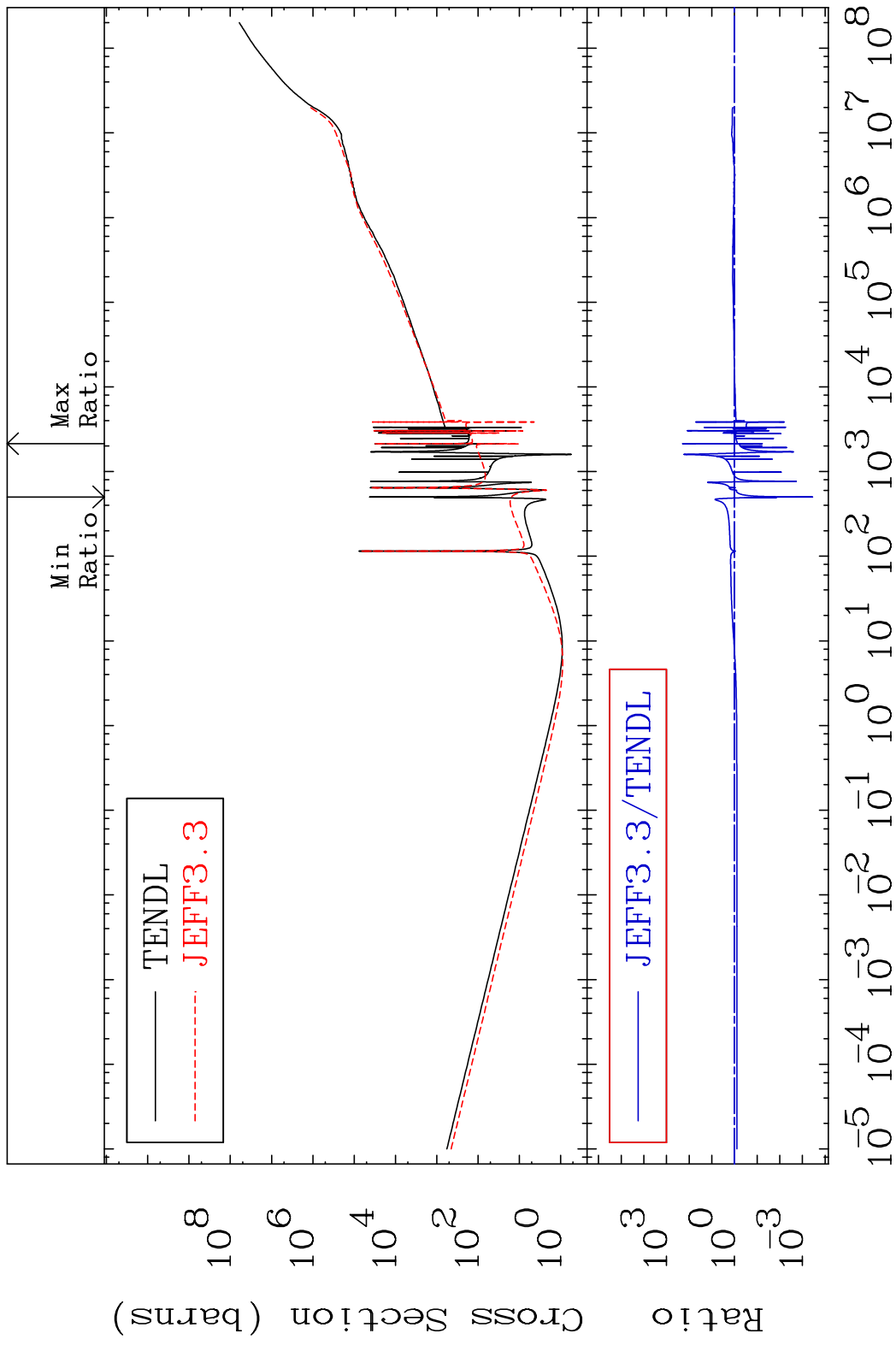
Incident Energy (eV)

54-Xe-132

MAT 5449 Total photon (eV-barns) 54-Xe-132
 Cross Section -100.0 To 9999. %



MAT 5449 Total kinematic kerma (high limit) 54-Xe-132
 Cross Section -99.96 To 9999. %

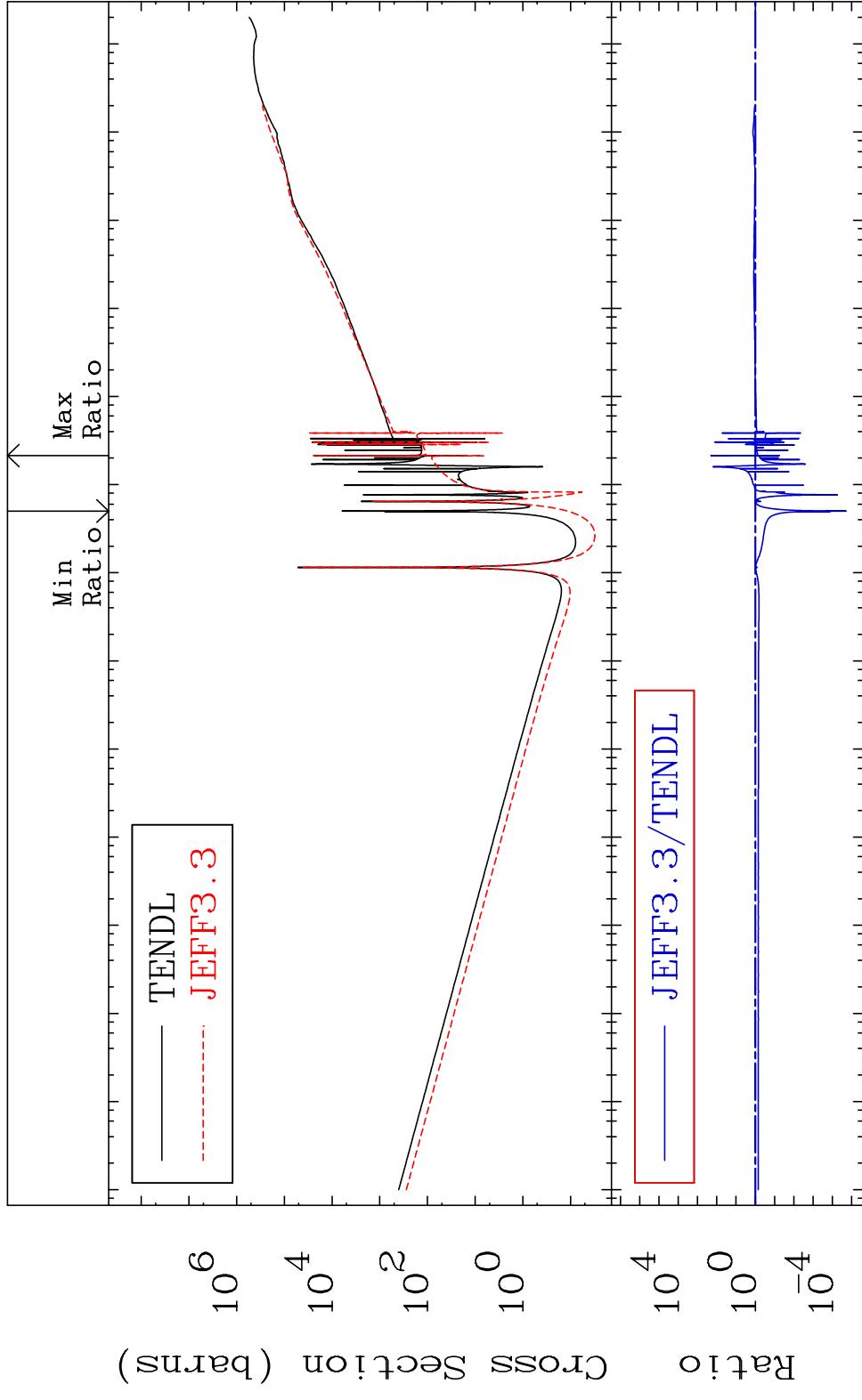


MAT 5449

Dpa total (eV-barns)

54-Xe-132

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

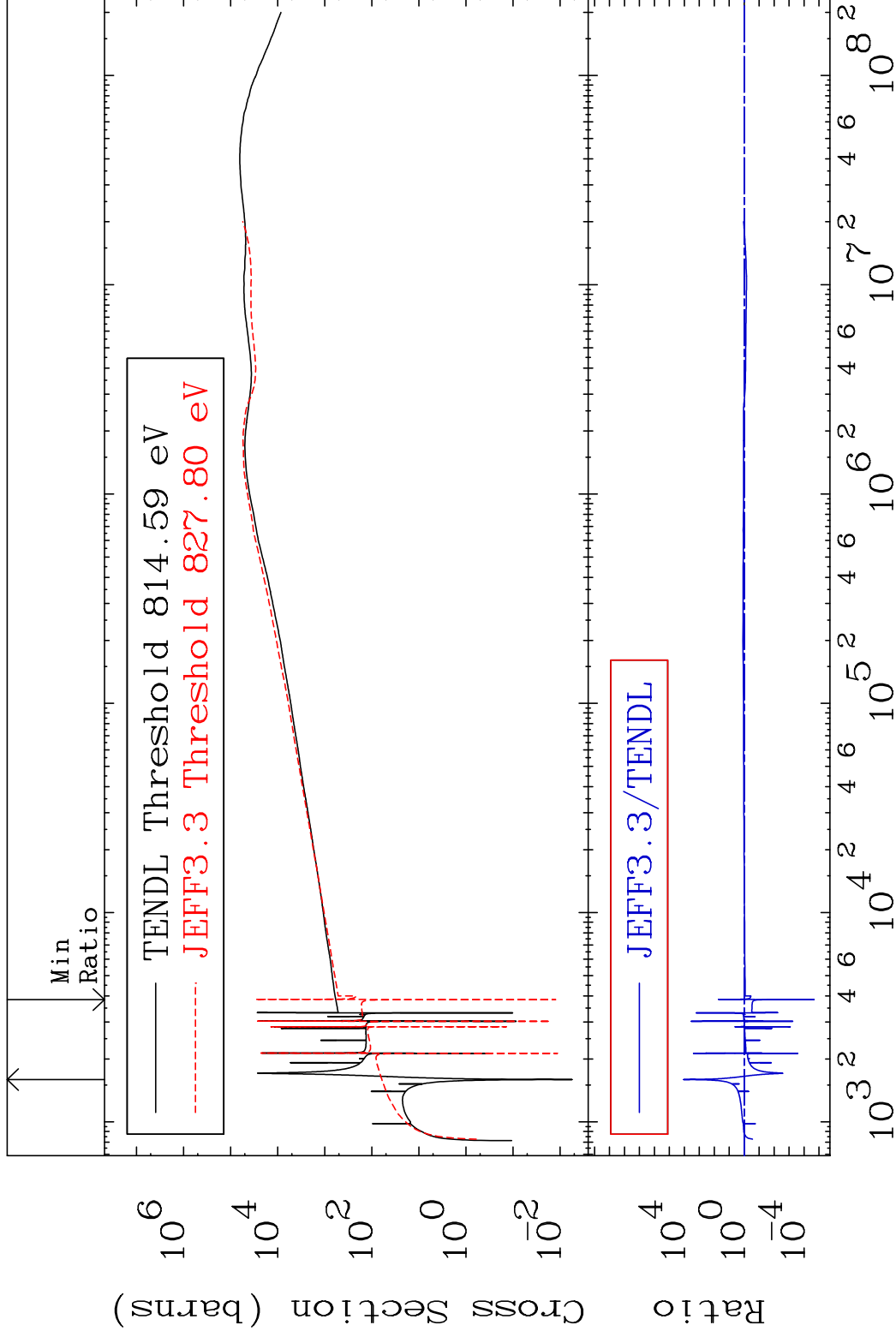
54-Xe-132

MAT 5449

Dpa elastic (mt2)

54-Xe-132

Cross Section -100.0 To 9999. %

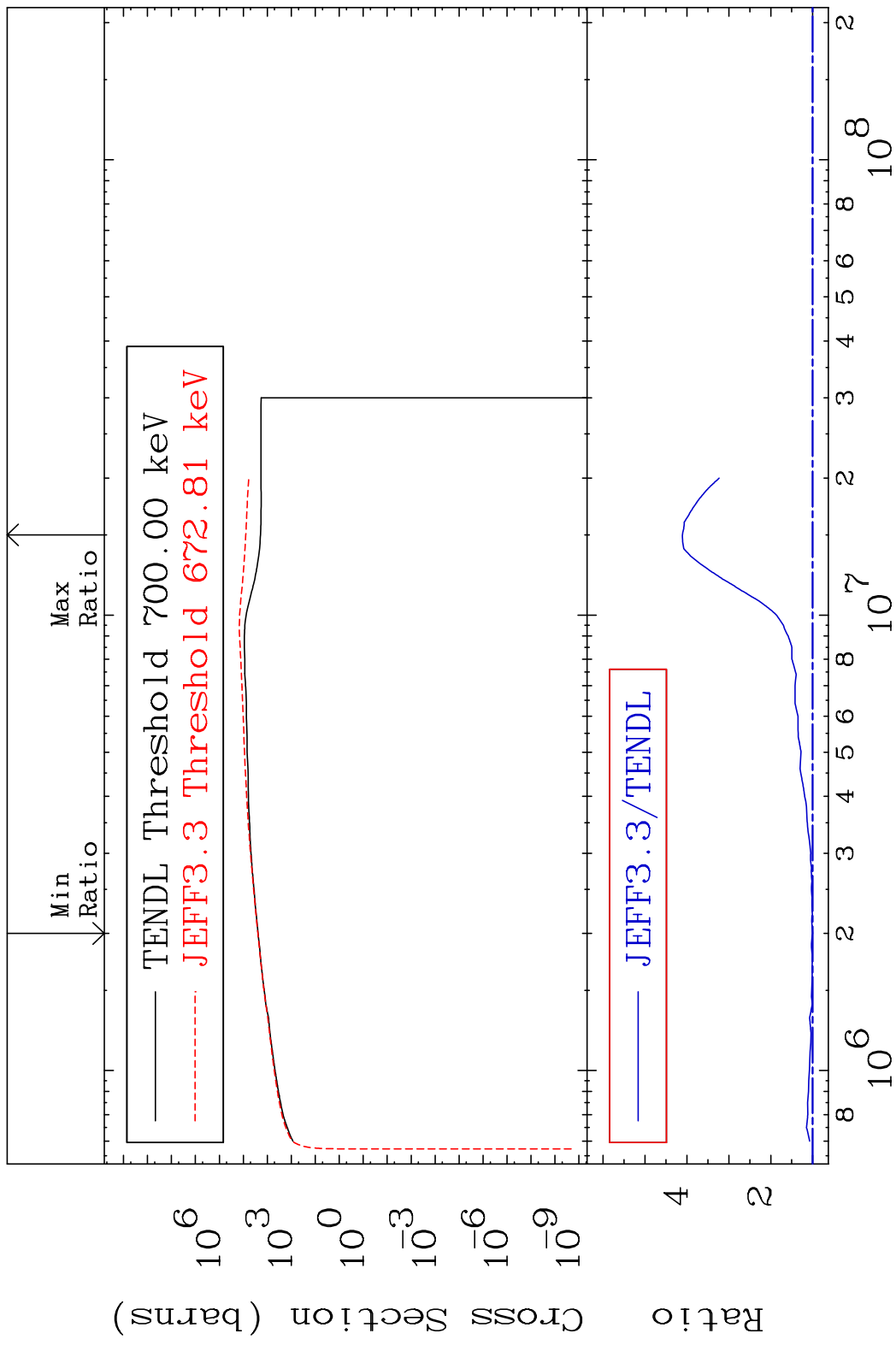


44

Incident Energy (eV)

54-Xe-132

MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section 0.291 To 310.9 %



45 Incident Energy (eV) 54-Xe-132

MAT 5449 Dpa disappearance (mt102 -120) 54-Xe-132
 Cross Section -100.0 To 9999. %

