

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

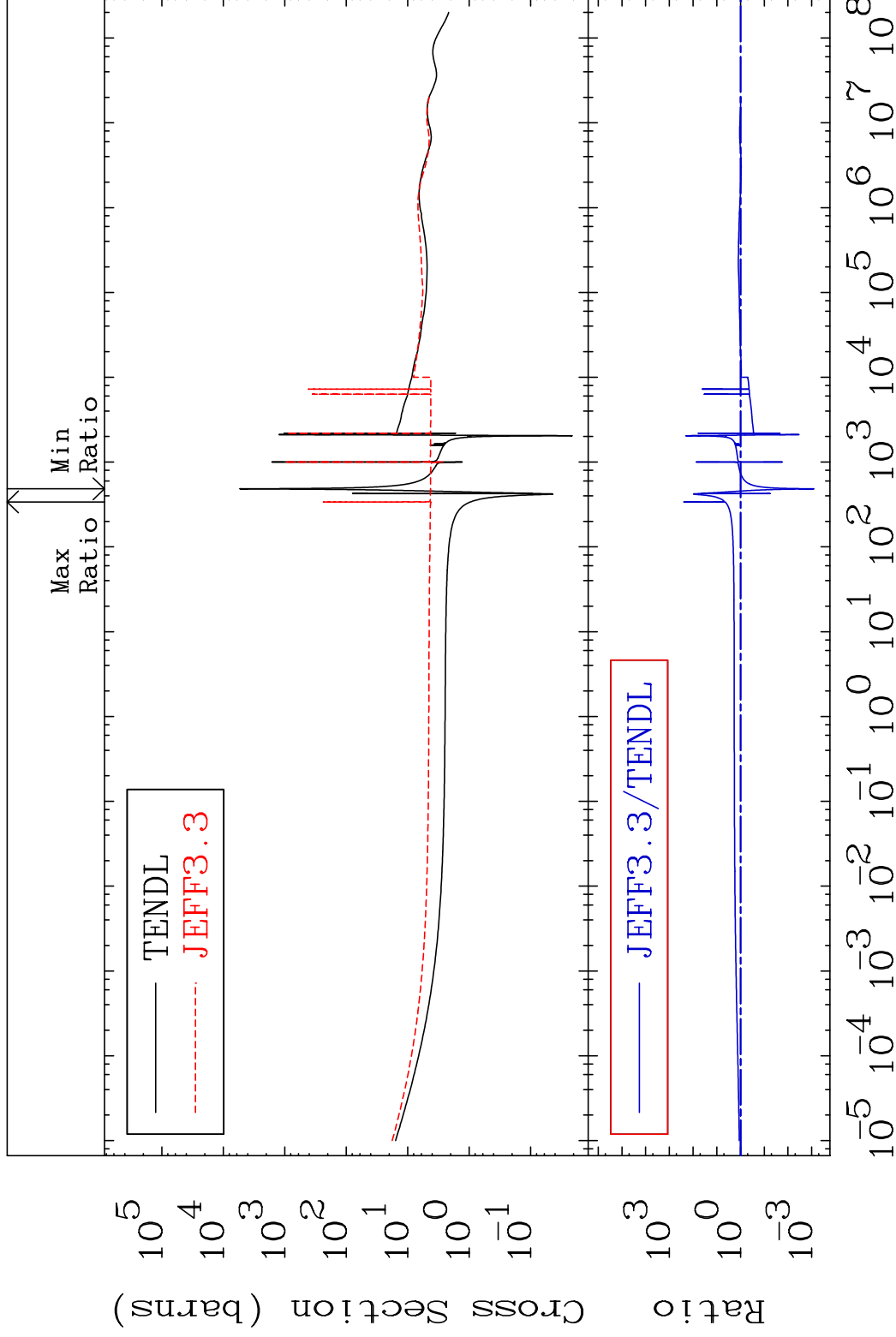
MAT 5455

Total

54-Xe-134

Cross Section

-99.92 To 9999. %



1

Incident Energy (eV)

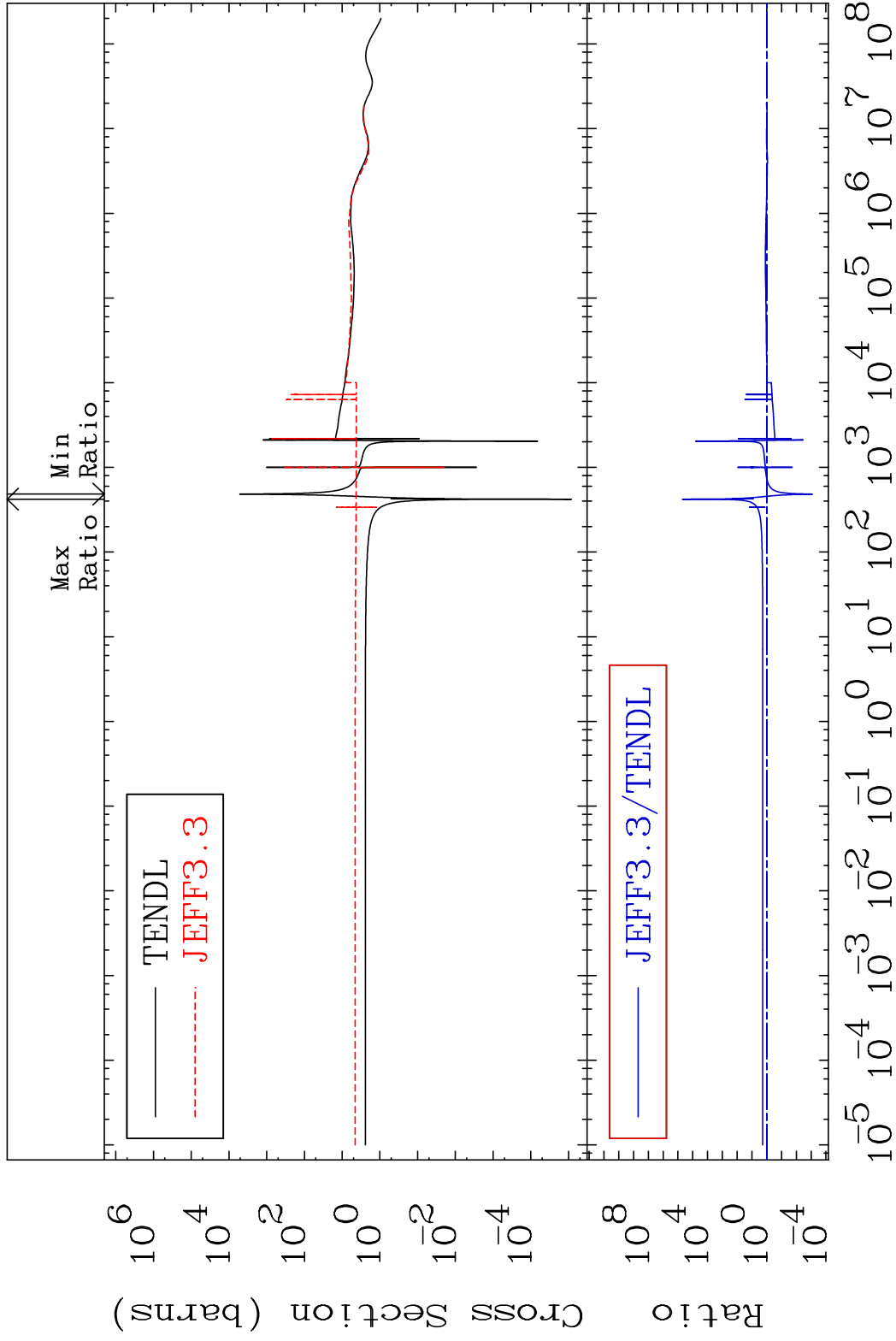
54-Xe-134

MAT 5455

Elastic

54-Xe-134

Cross Section -99.92 To 9999. %



2

Incident Energy (eV)

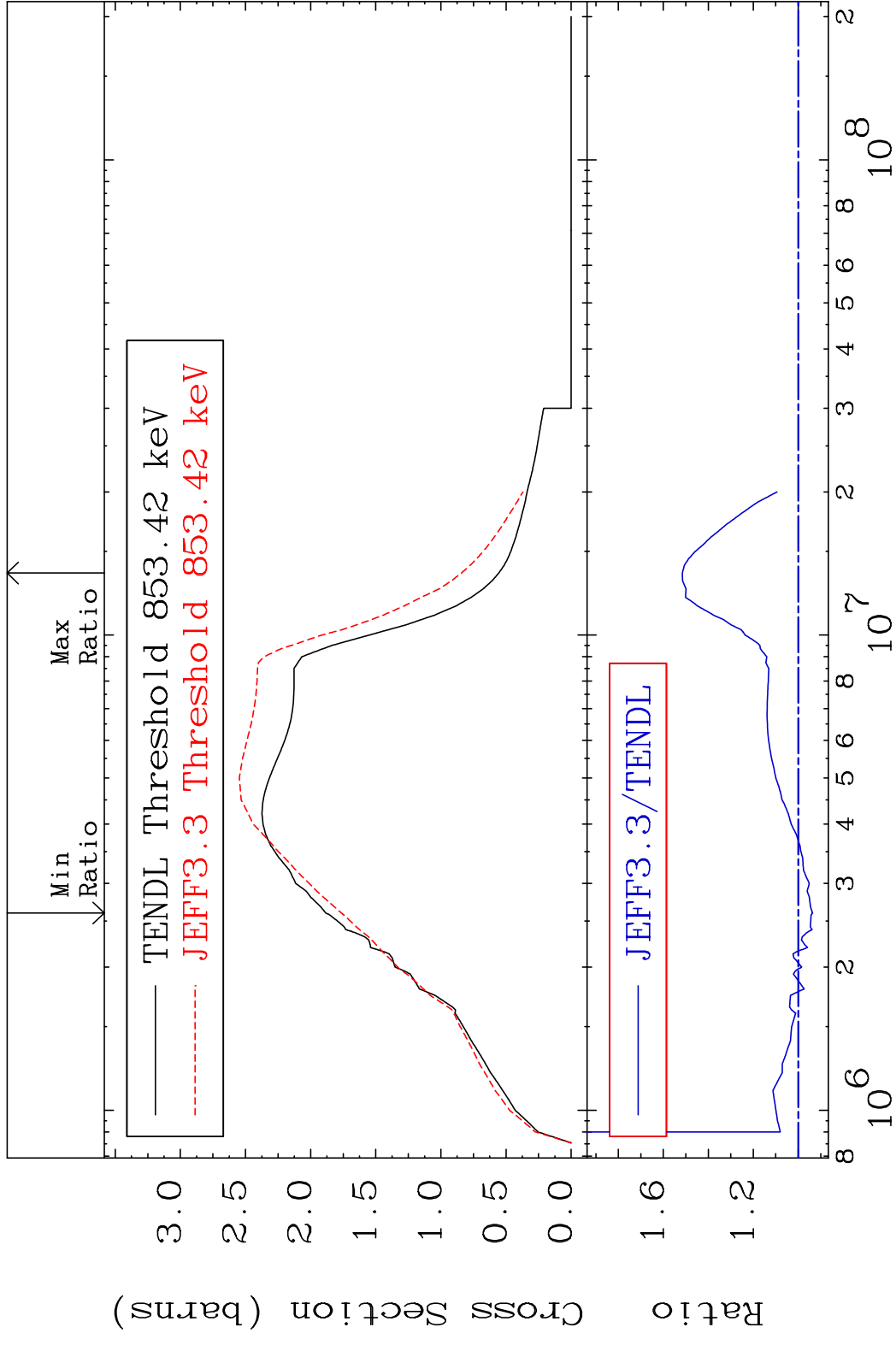
54-Xe-134

MAT 5455

54-Xe-134

Inelastic

Cross Section -6.357 To 51.55 %



3

Incident Energy (eV)

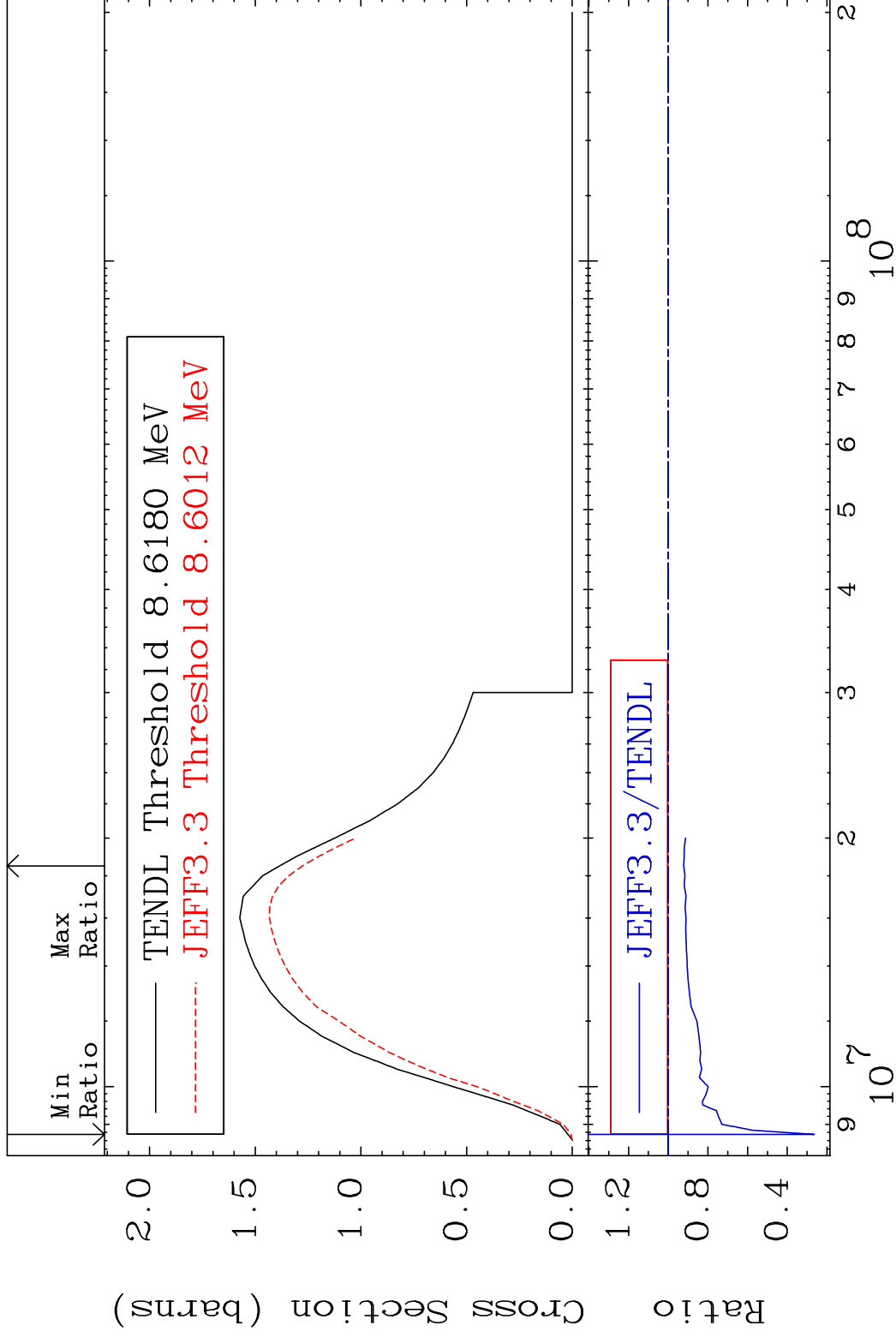
54-Xe-134

MAT 5455

(n,2n)

54-Xe-134

Cross Section -73.51 To -7.772%



4

Incident Energy (eV)

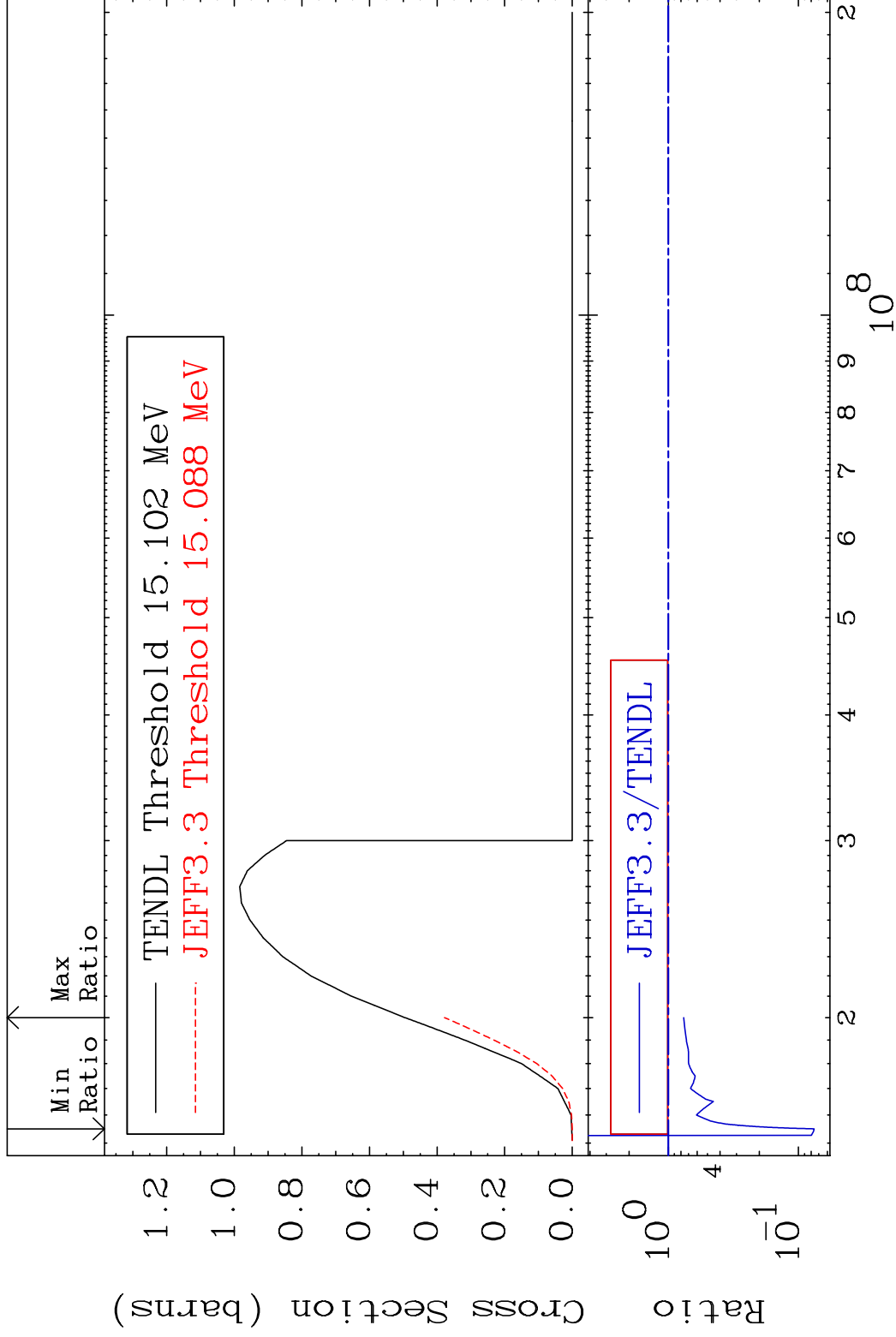
54-Xe-134

MAT 5455

(n,3n)

54-Xe-134

Cross Section -92.41 To -23.74%



5

Incident Energy (eV)

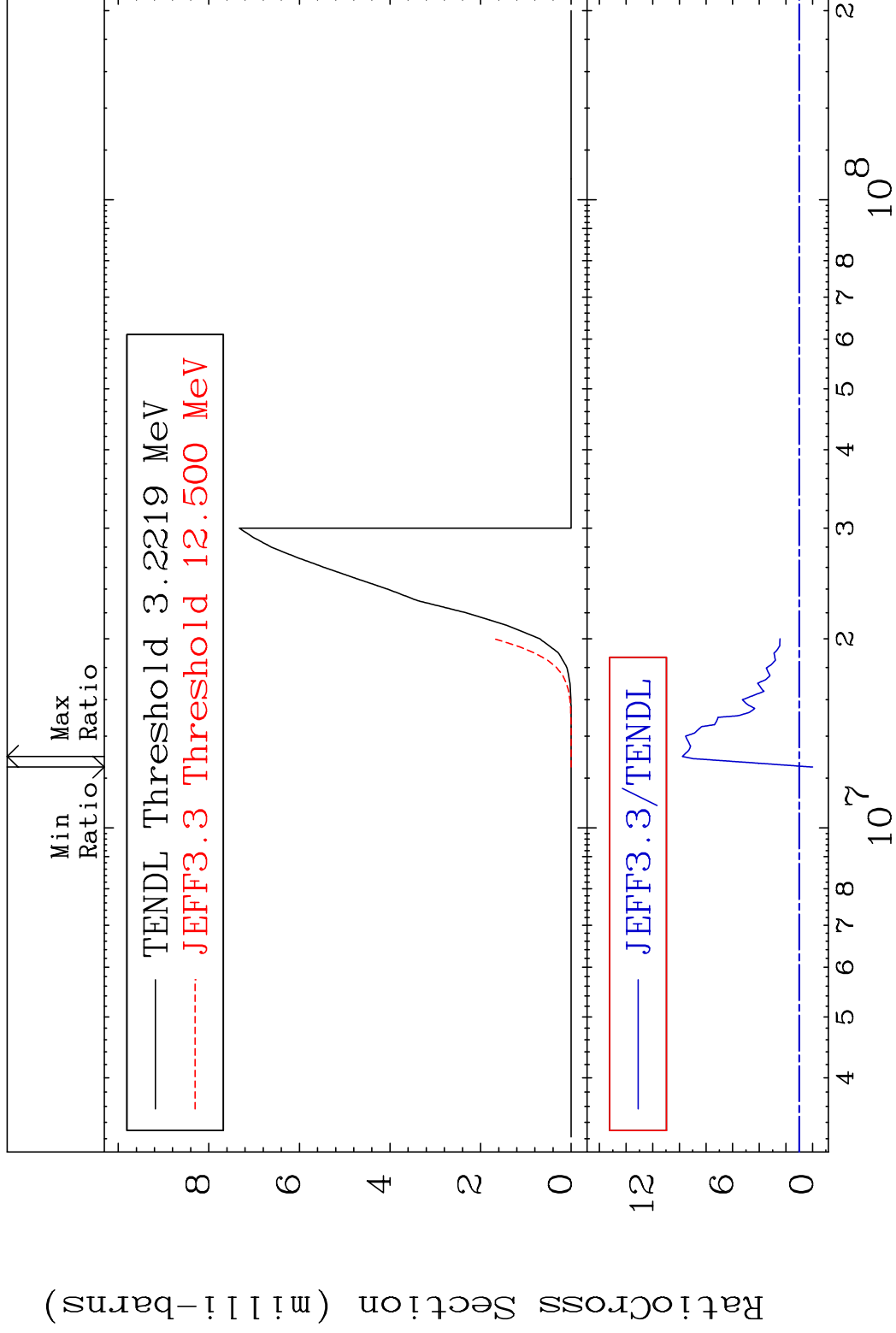
54-Xe-134

MAT 5455

(n, n') α

54-Xe-134

Cross Section -100.0 To 877.6 %



6

Incident Energy (eV)

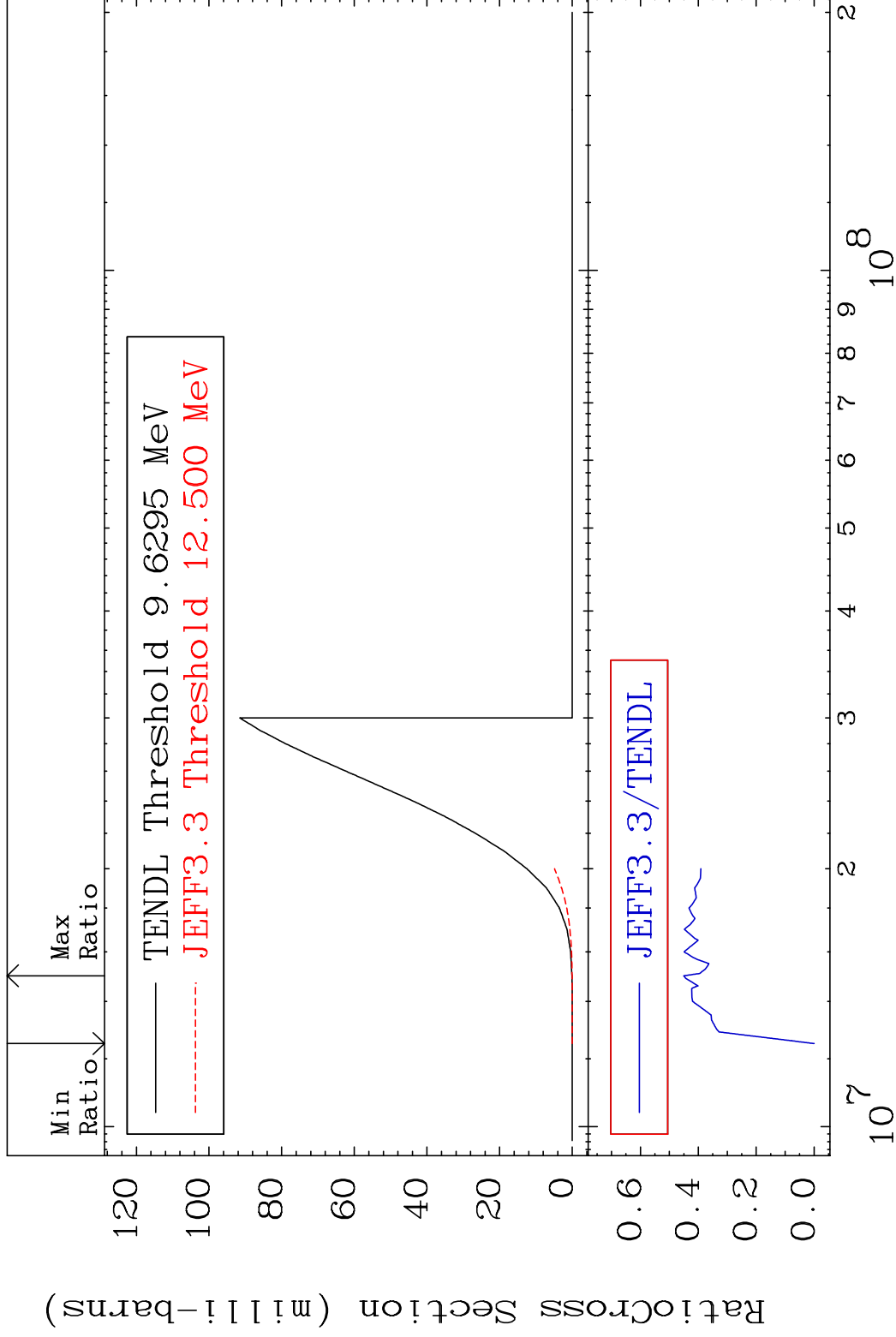
54-Xe-134

MAT 5455

(n, n') p

54-Xe-134

Cross Section -100.0 To -54.92%



7

Incident Energy (eV)

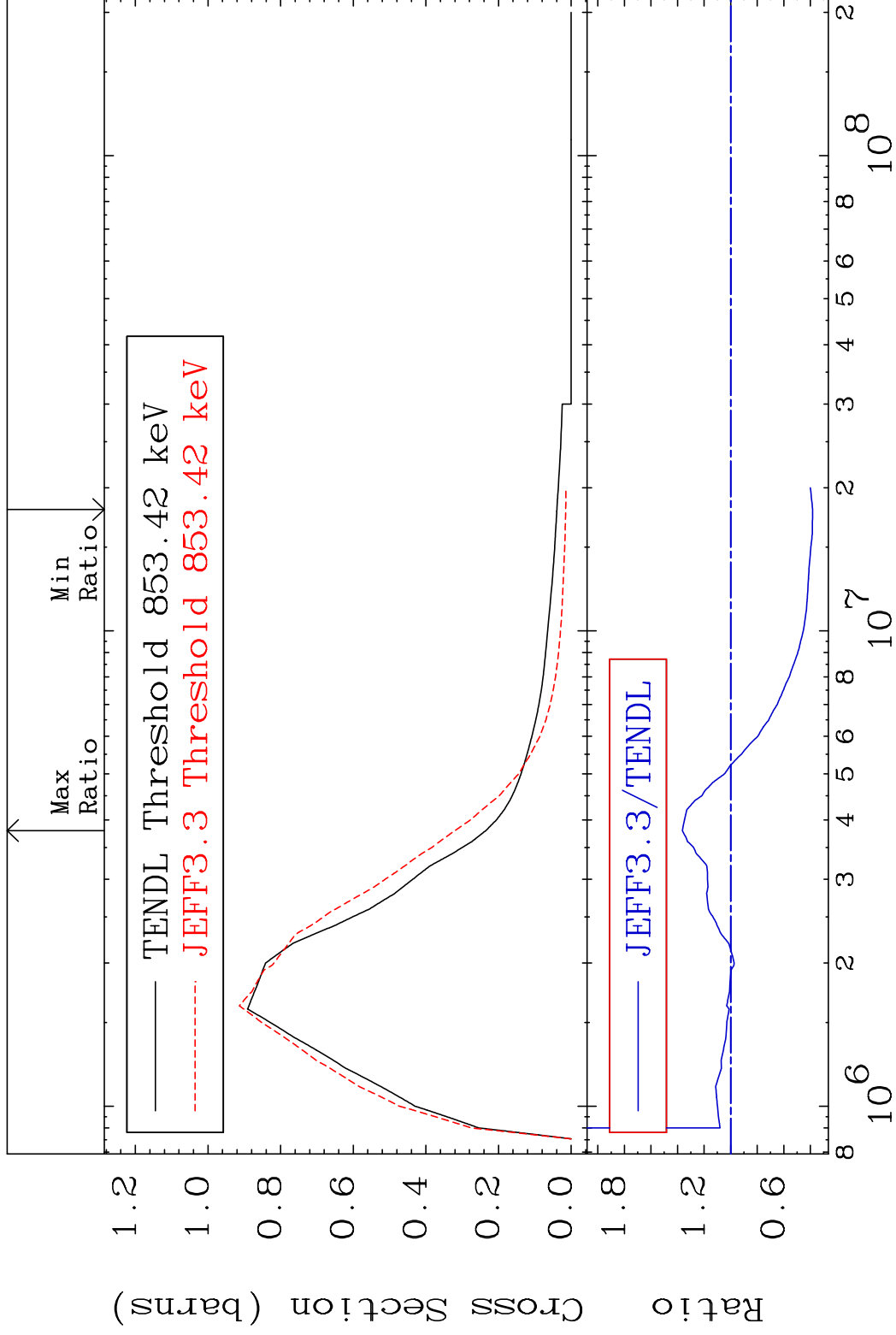
54-Xe-134

MAT 5455

MT= 51 (n, n') Level

54-Xe-134

Cross Section -61.67 To 36.37 %

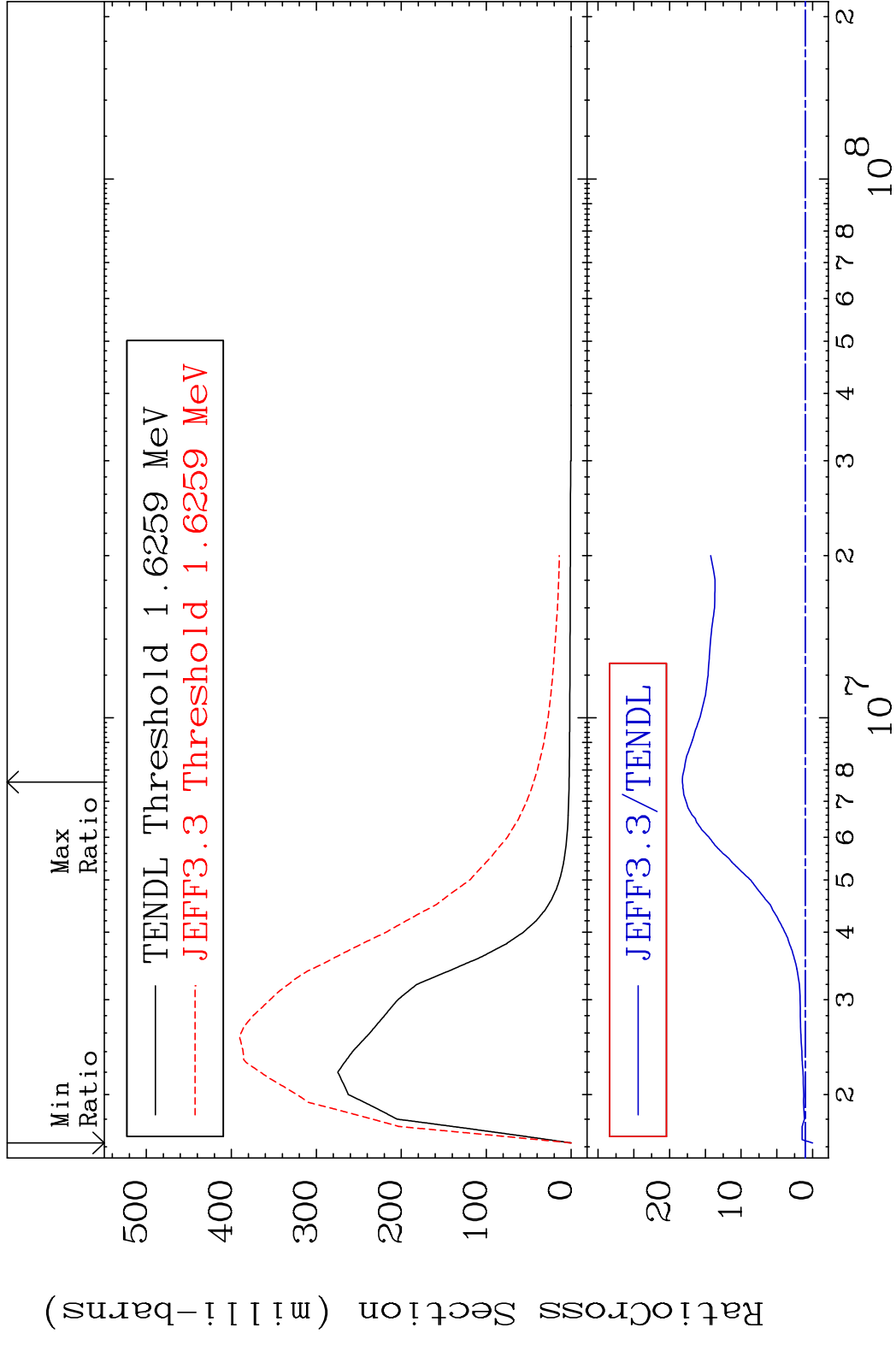


8

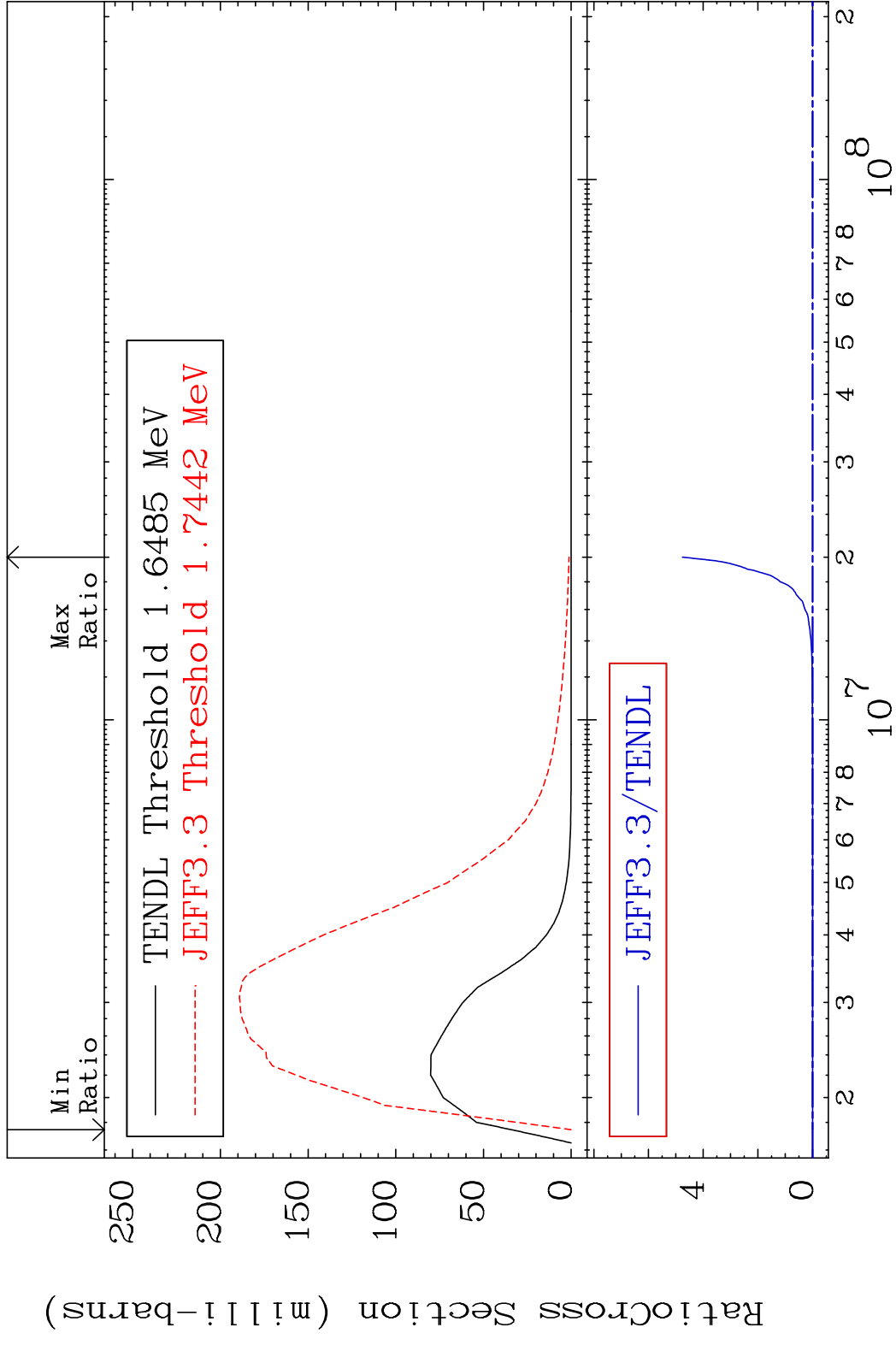
Incident Energy (eV)

54-Xe-134

MAT 5455 MT= 52 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 1721. %

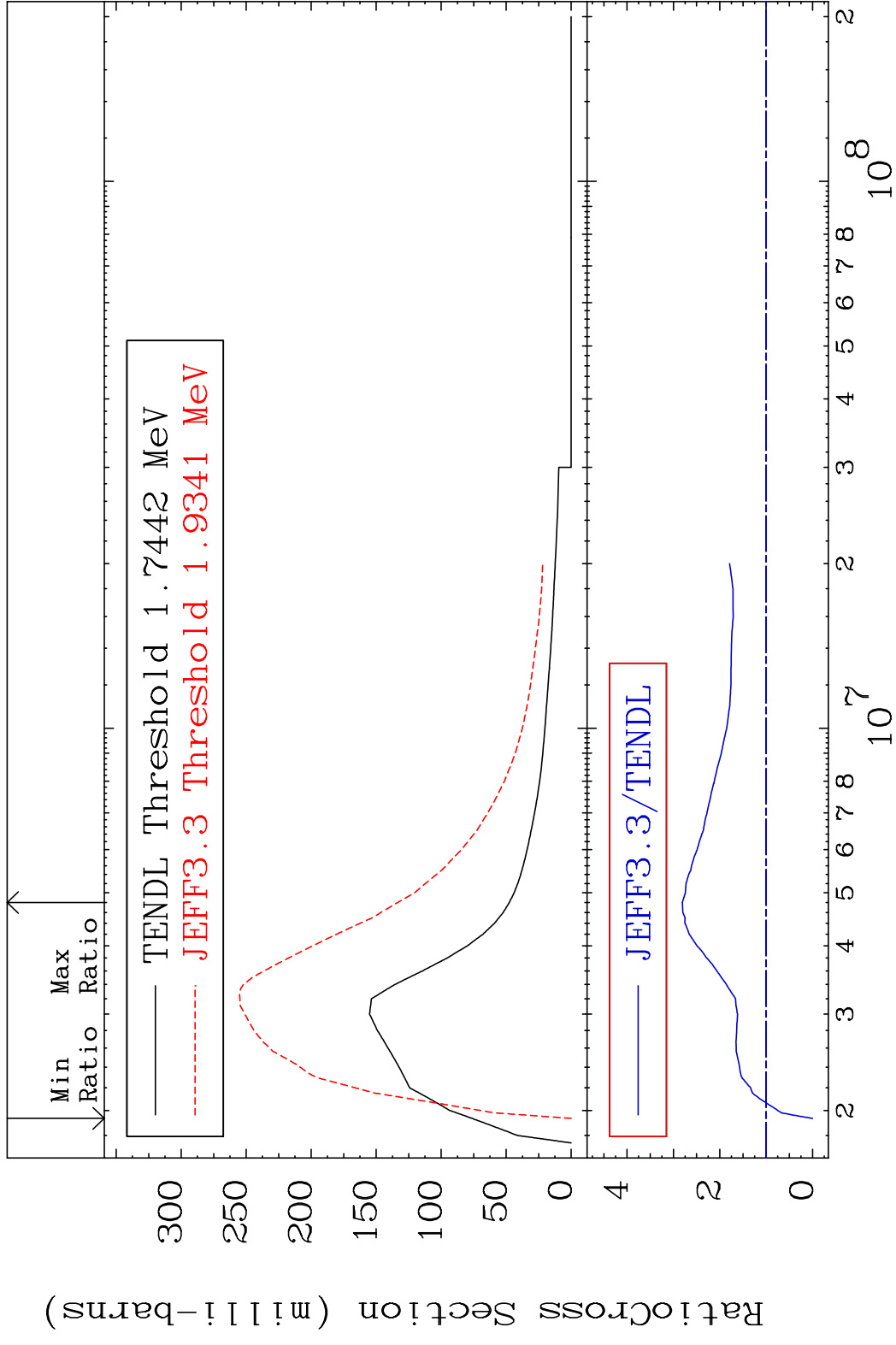


MAT 5455 MT= 53 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %

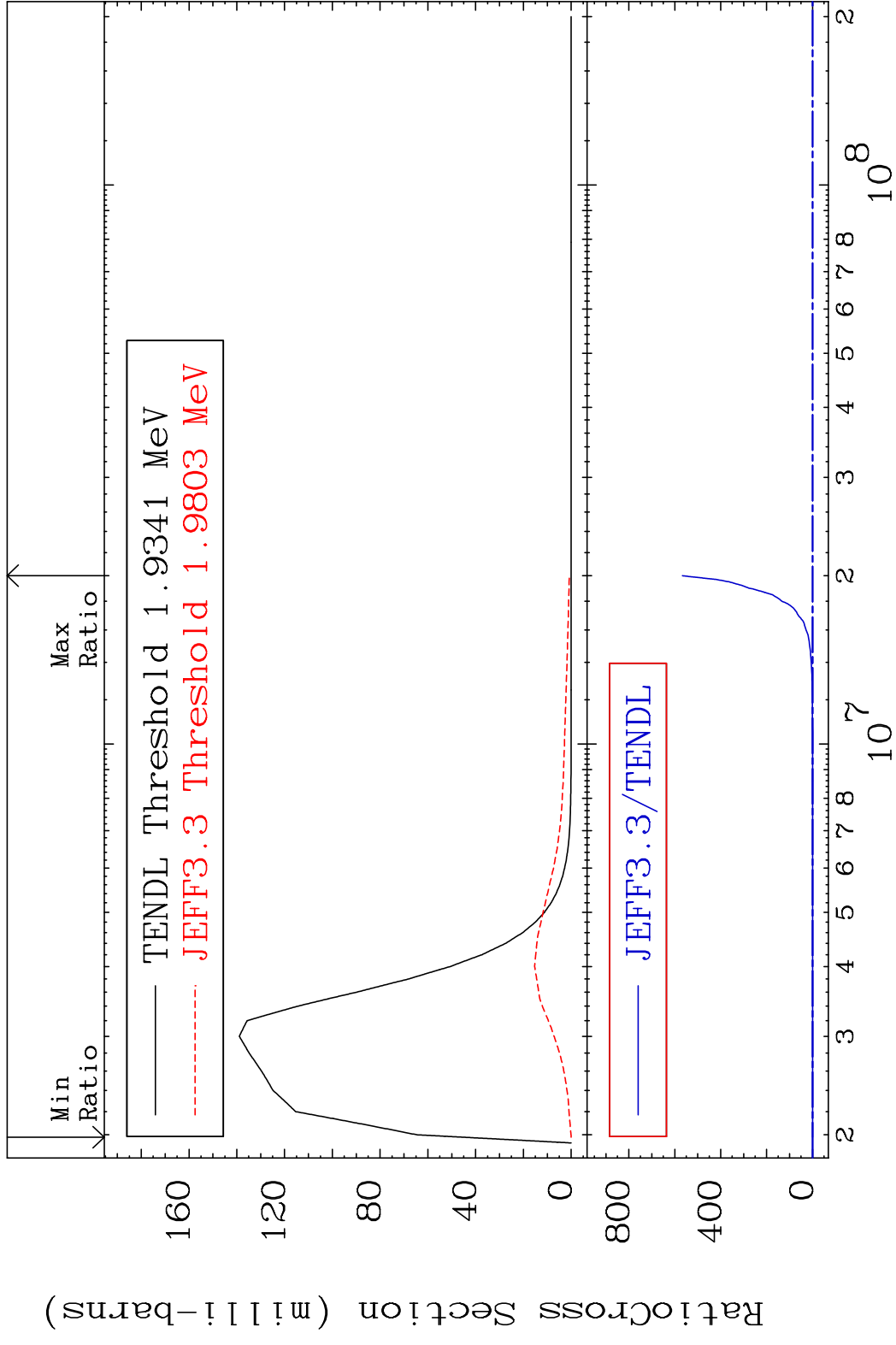


10 Incident Energy (eV) 54-Xe-134

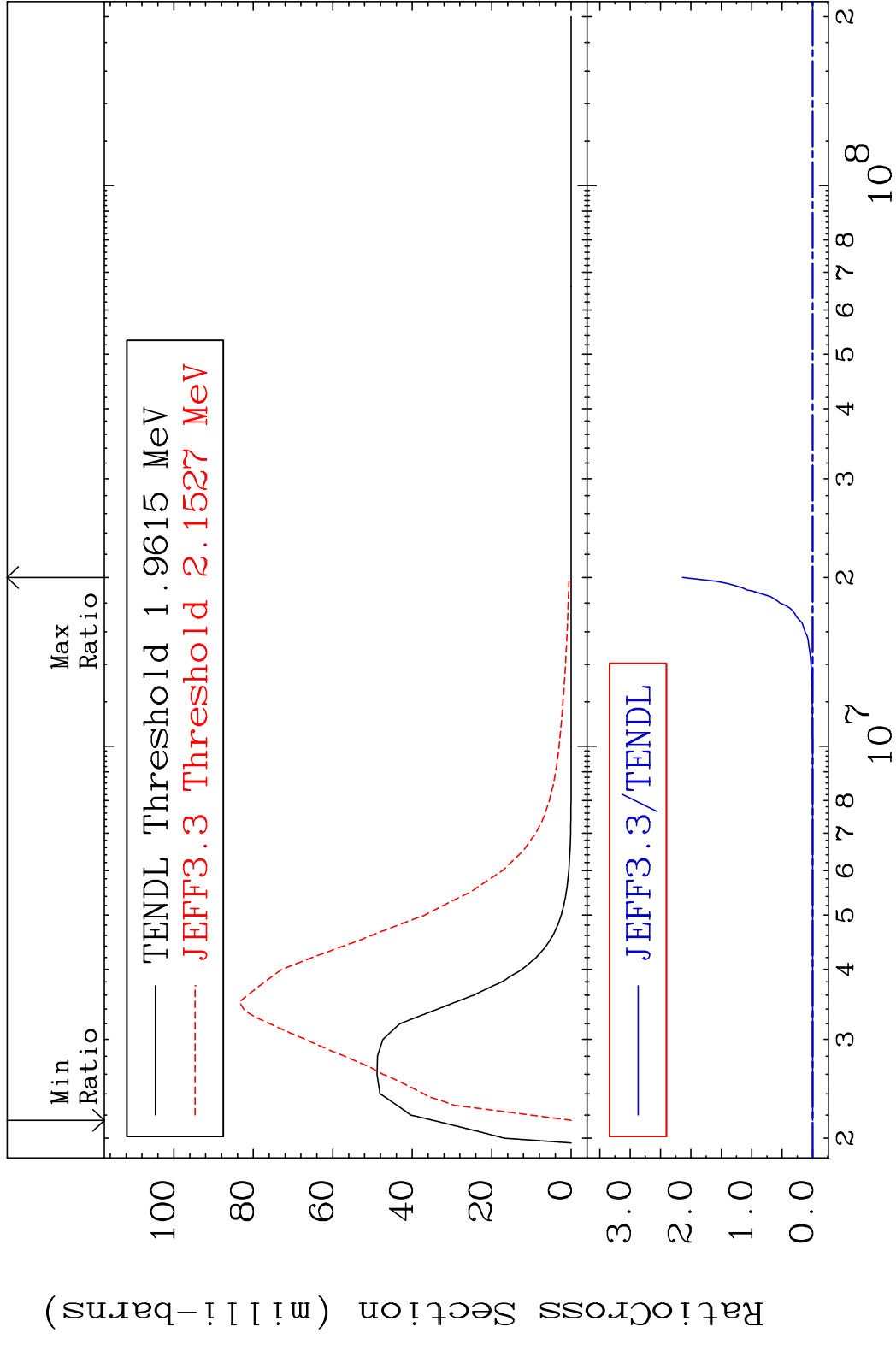
MAT 5455 MT= 54 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 180.8 %



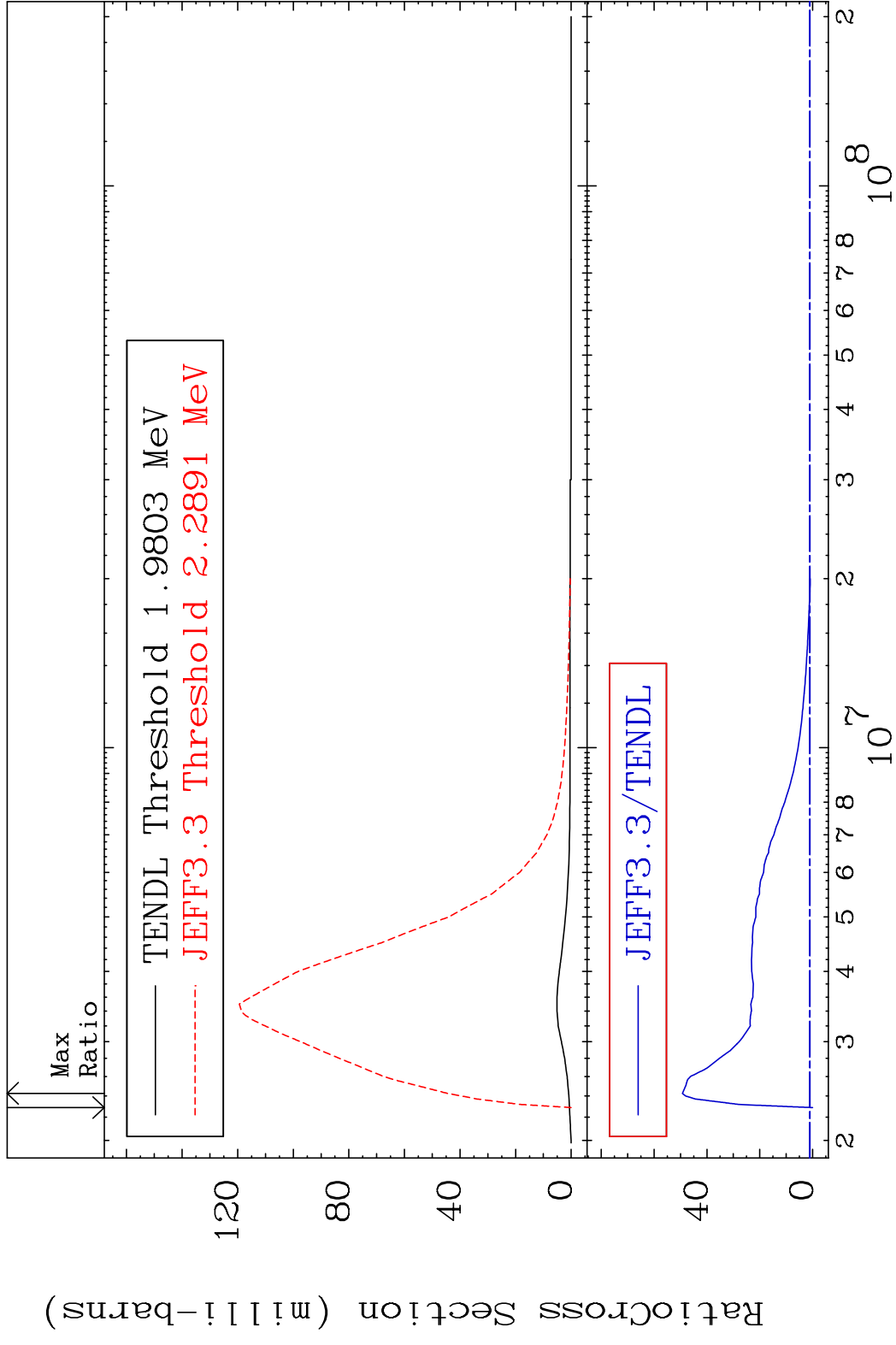
MAT 5455 MT= 55 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



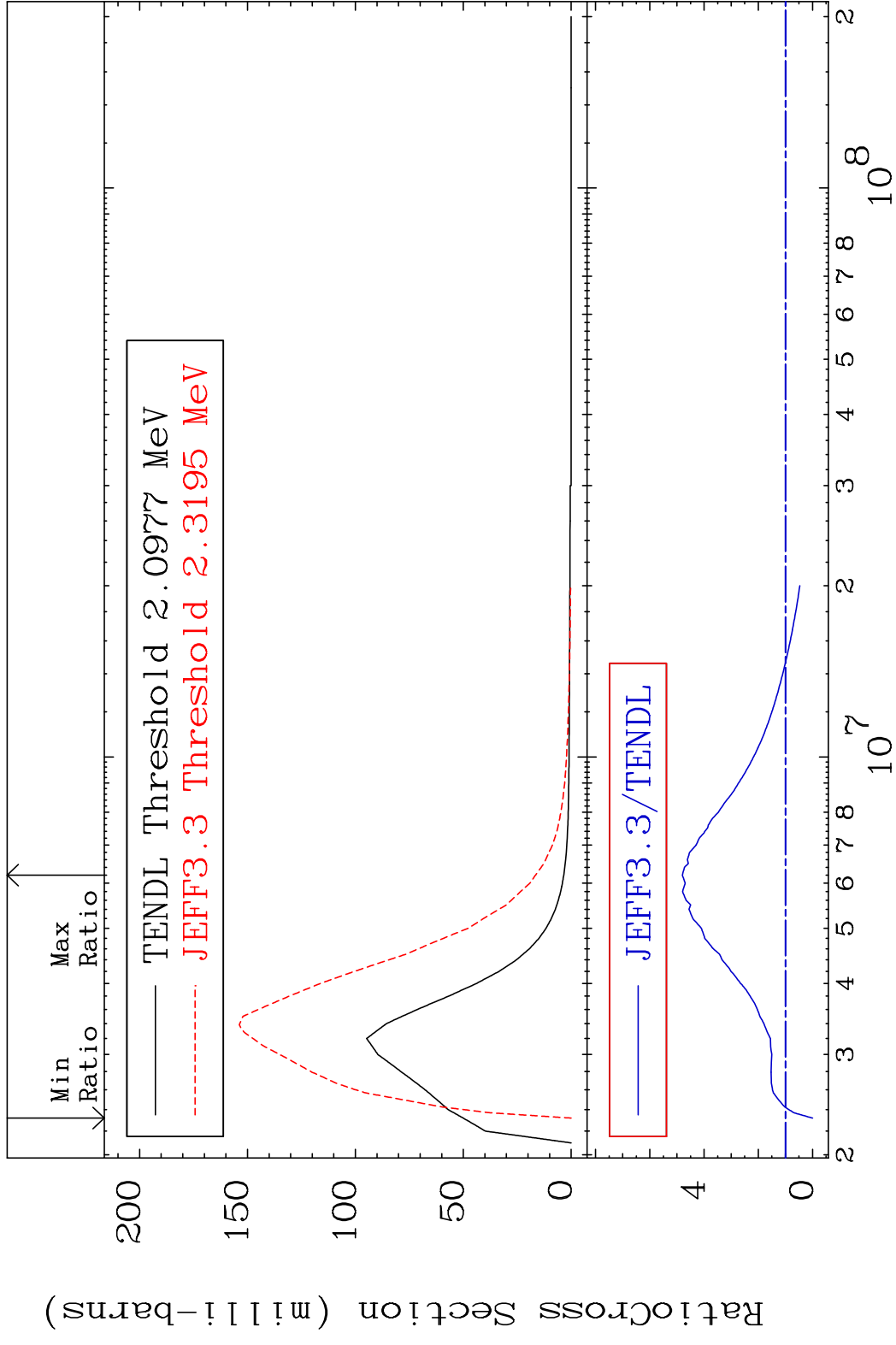
MAT 5455 MT= 56 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



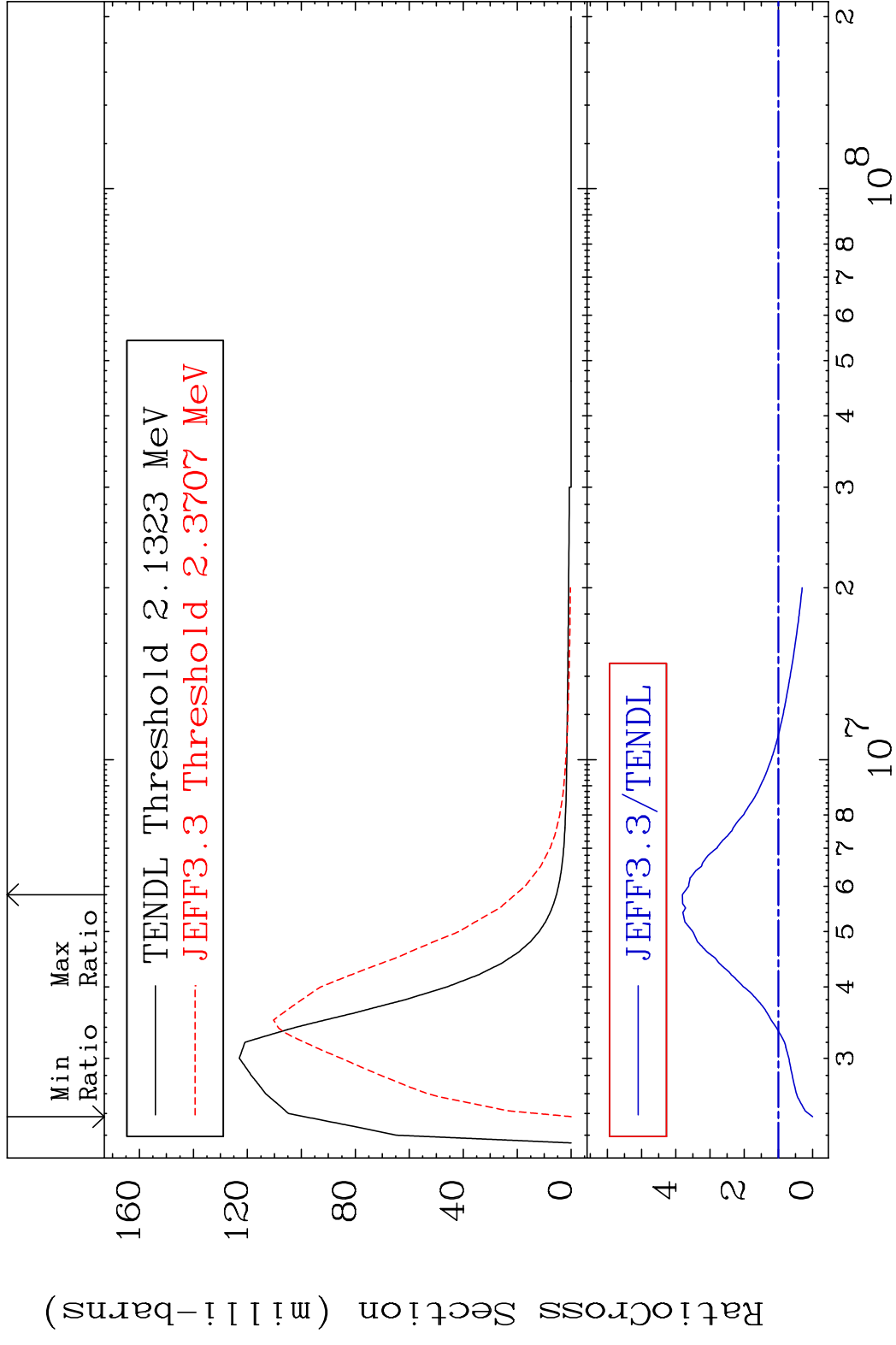
MAT 5455 MT= 57 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 4831. %



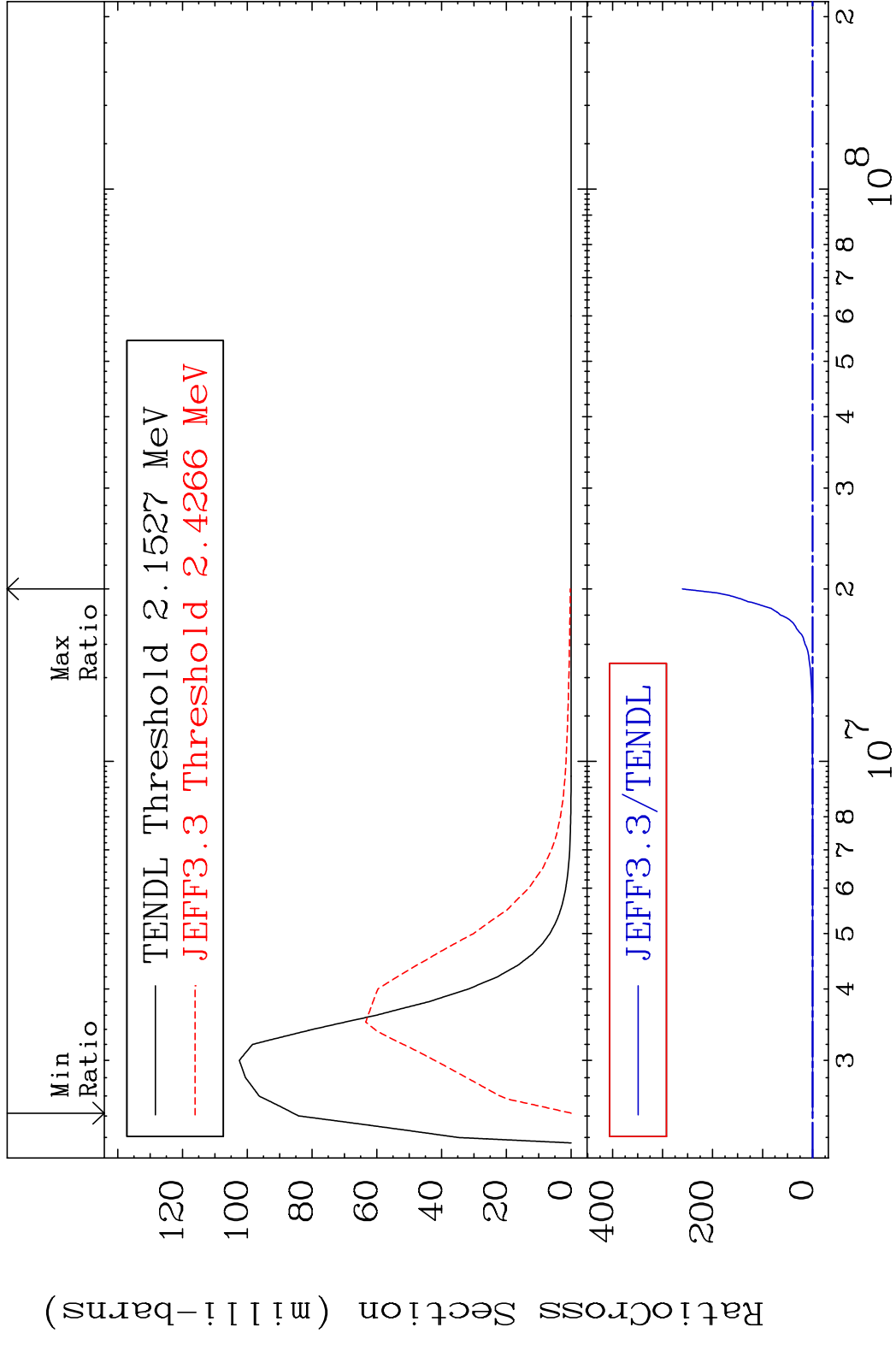
MAT 5455 MT= 58 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 380.1 %



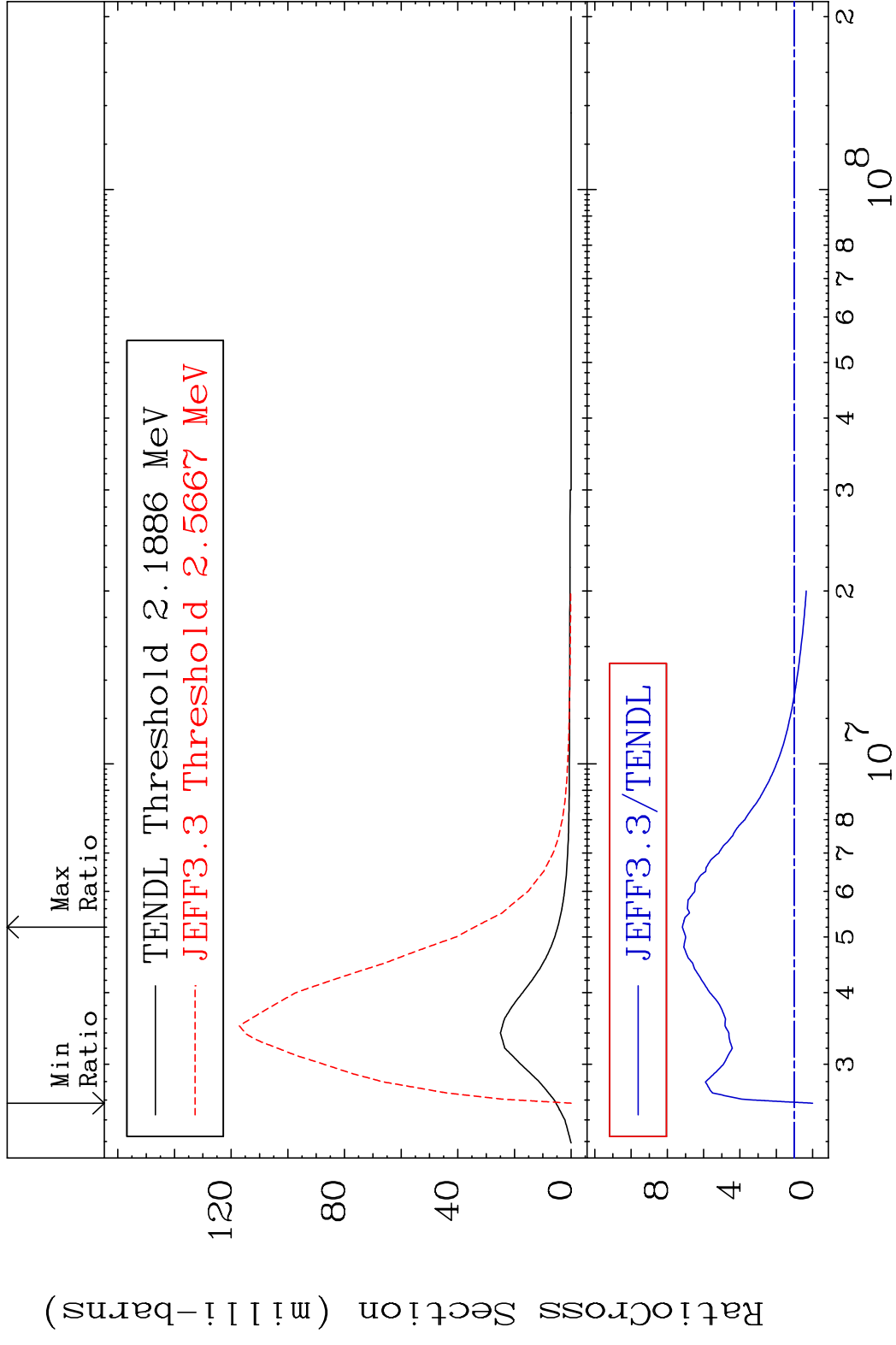
MAT 5455 MT= 59 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 280.9 %



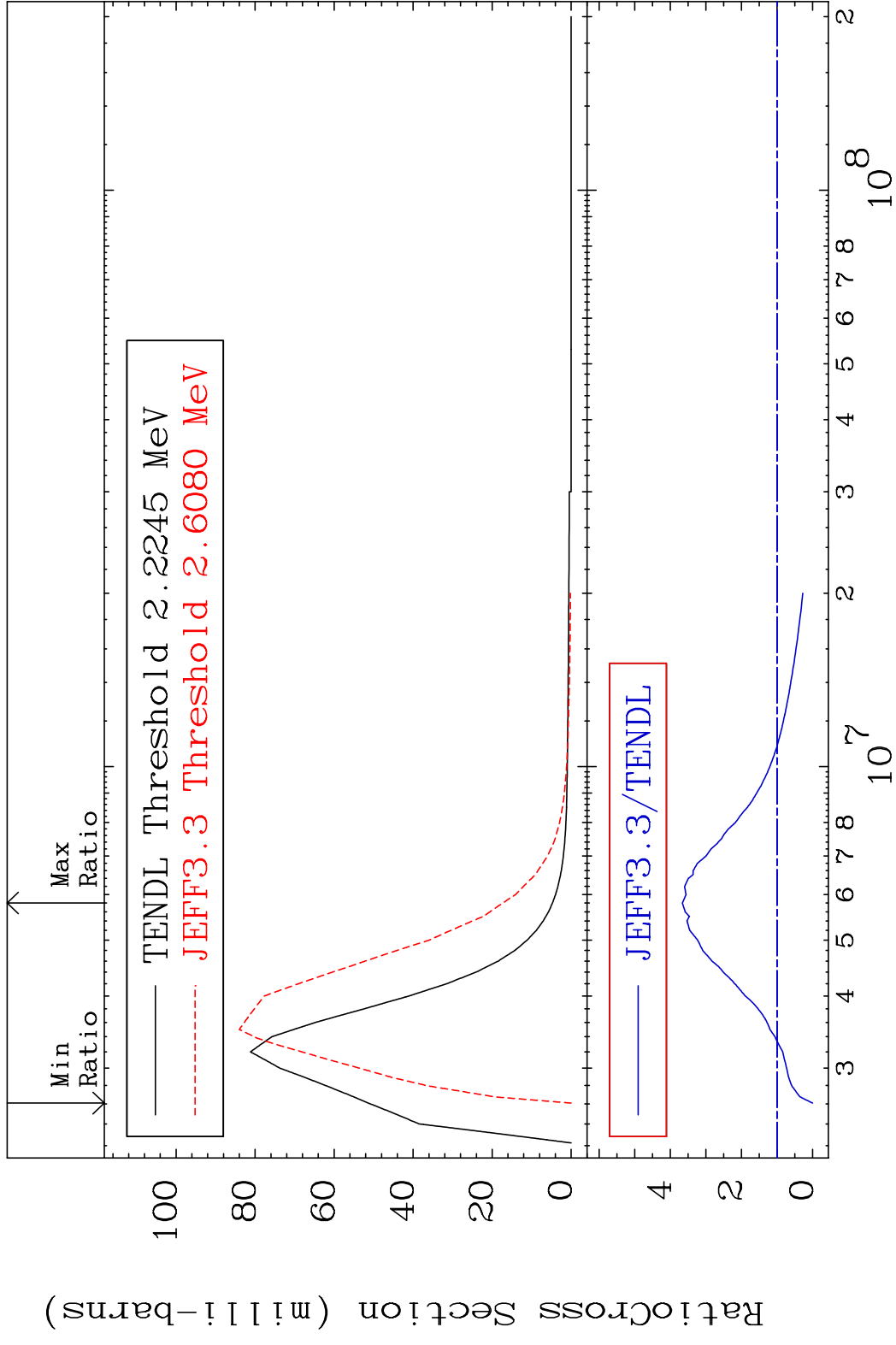
MAT 5455 MT= 60 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



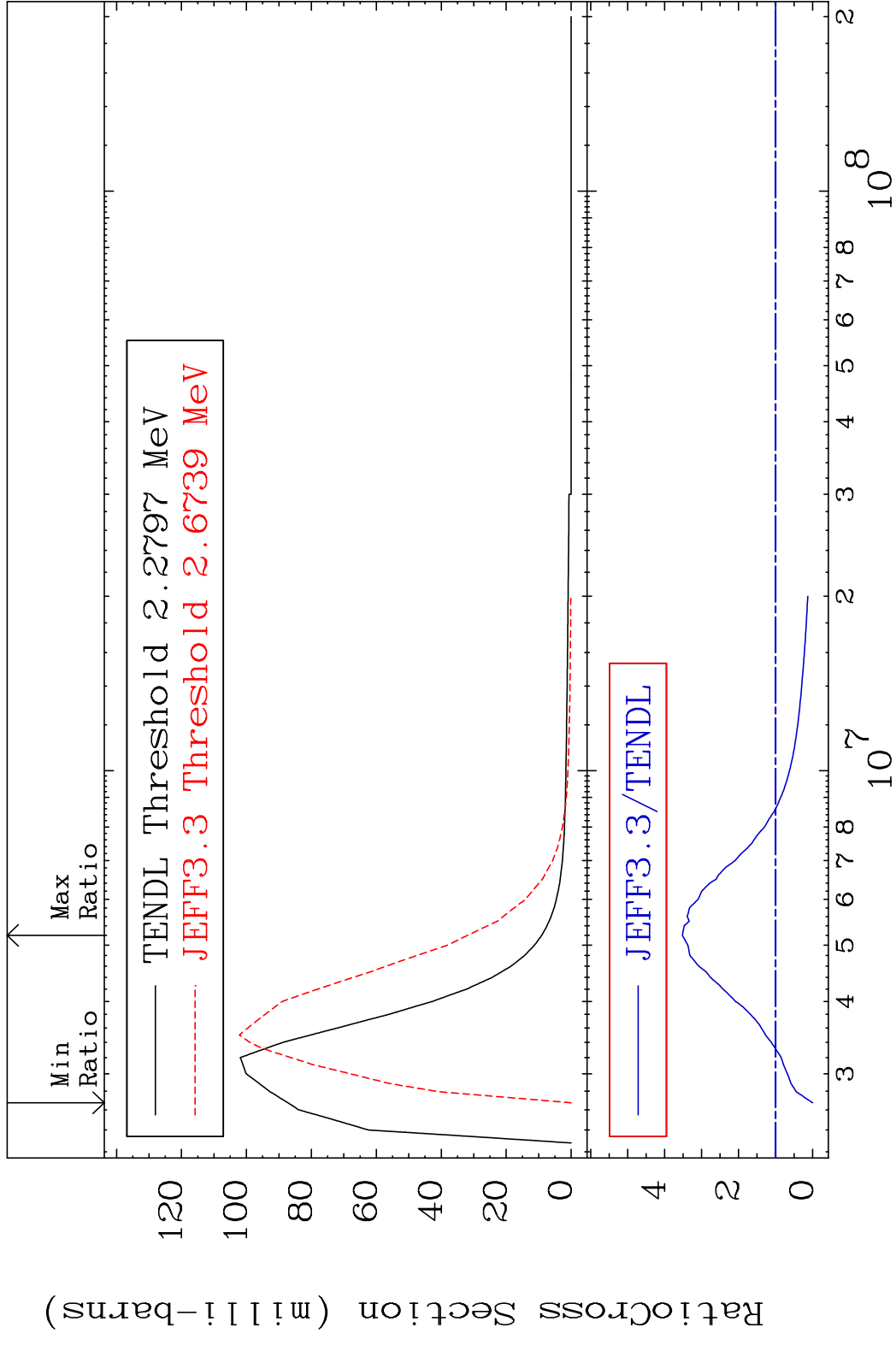
MAT 5455 MT= 61 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 617.4 %



MAT 5455 MT= 62 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 266.2 %

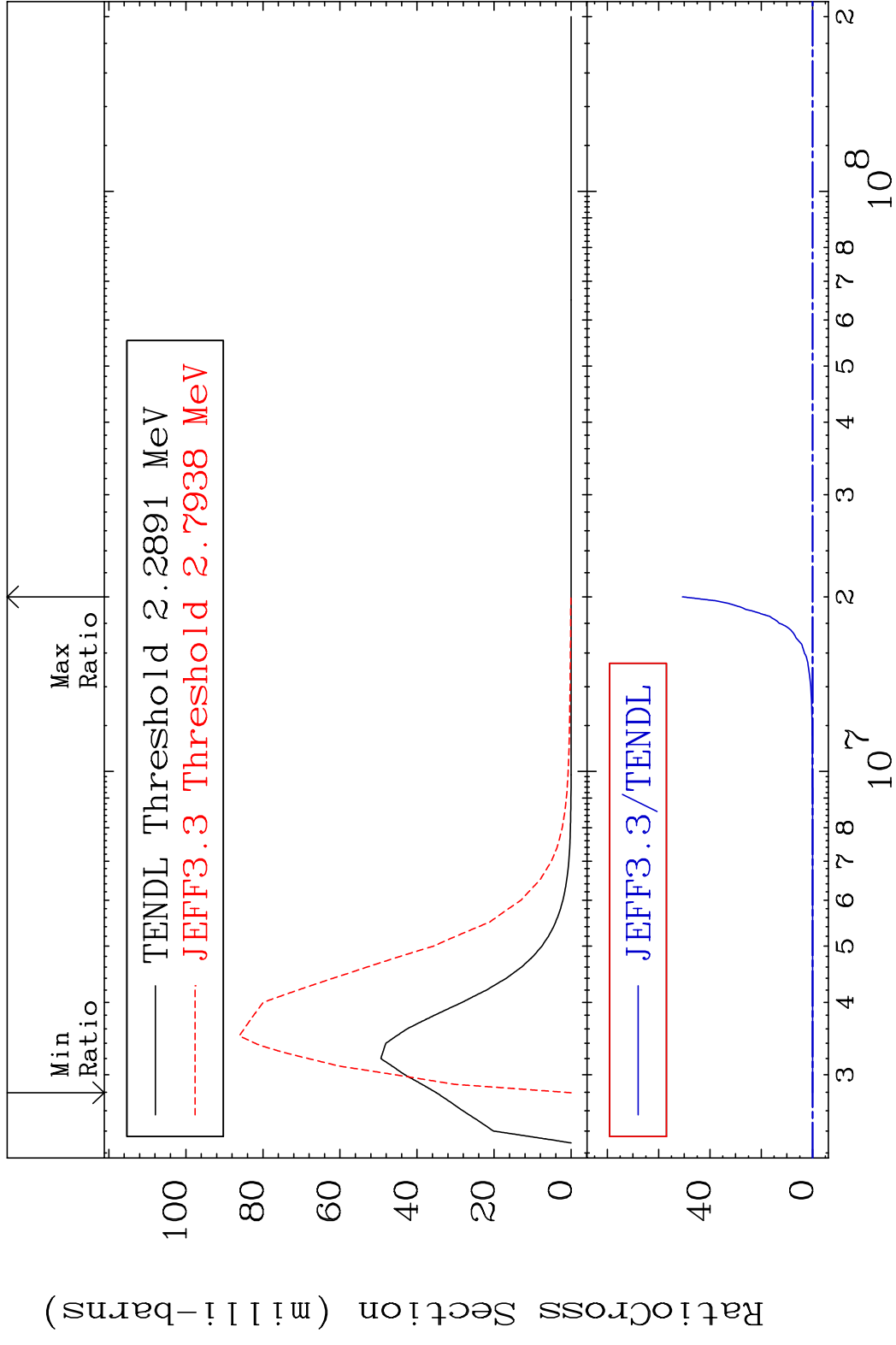


MAT 5455 MT= 63 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 252.0 %

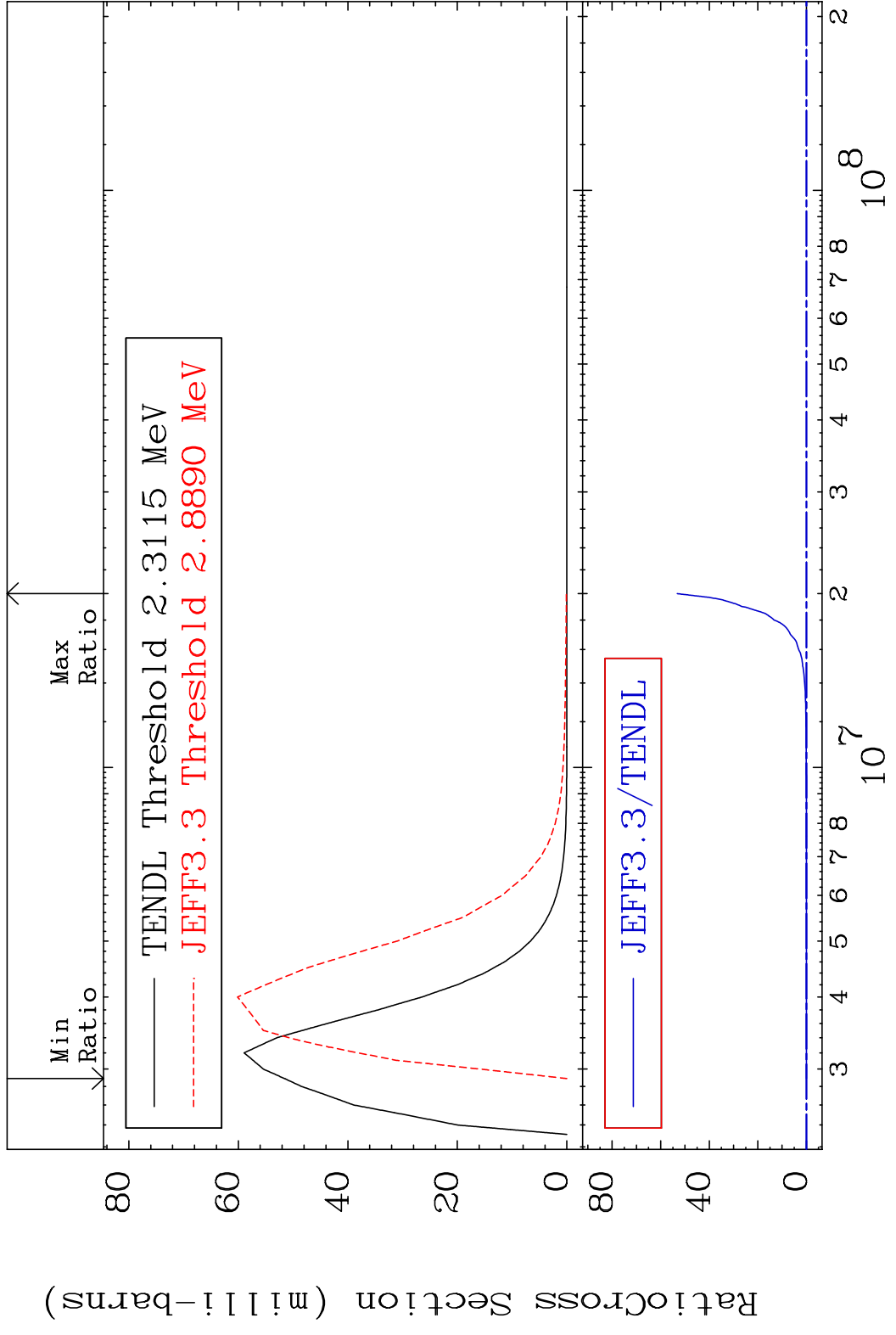


20 54-Xe-134

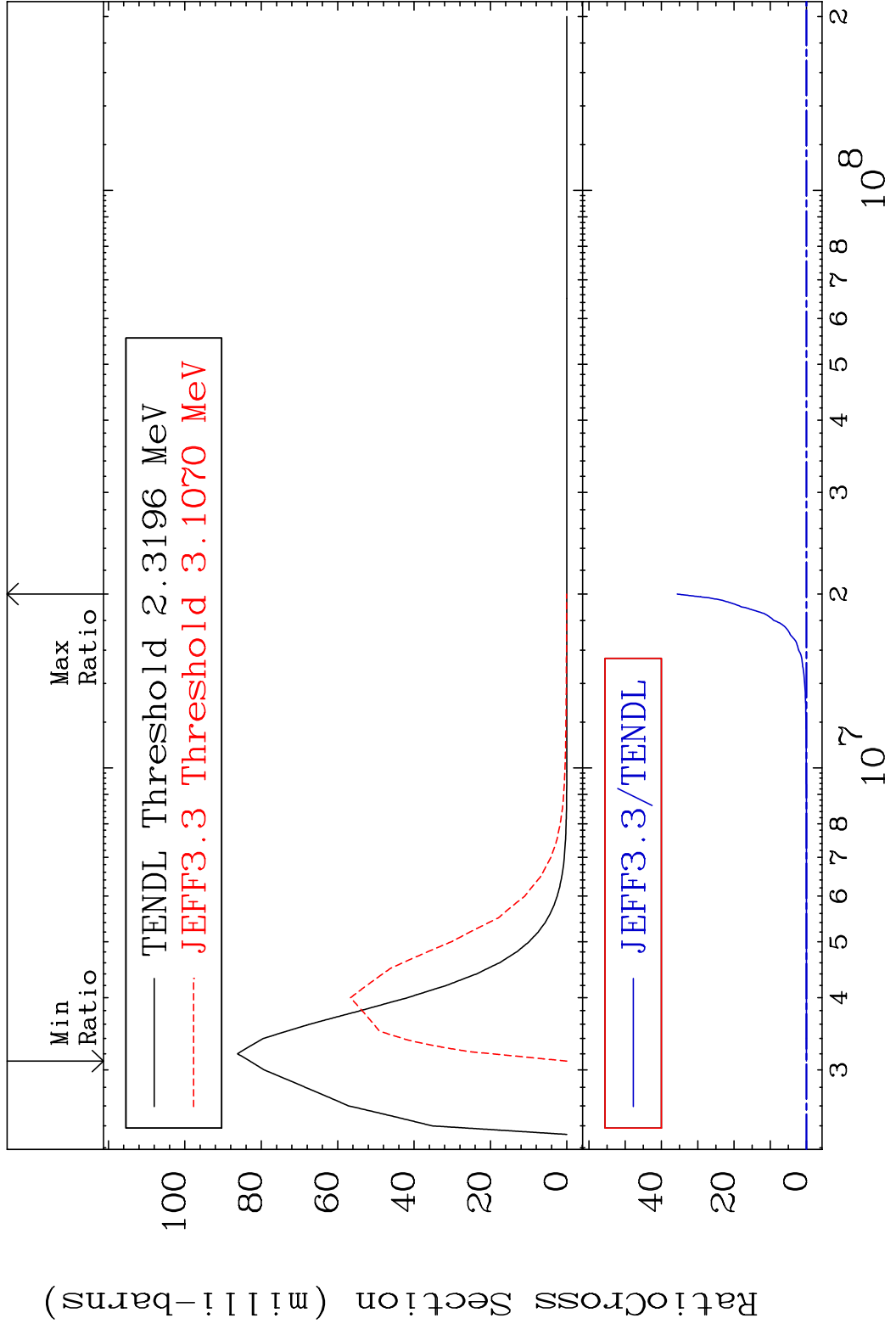
MAT 5455 MT= 64 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



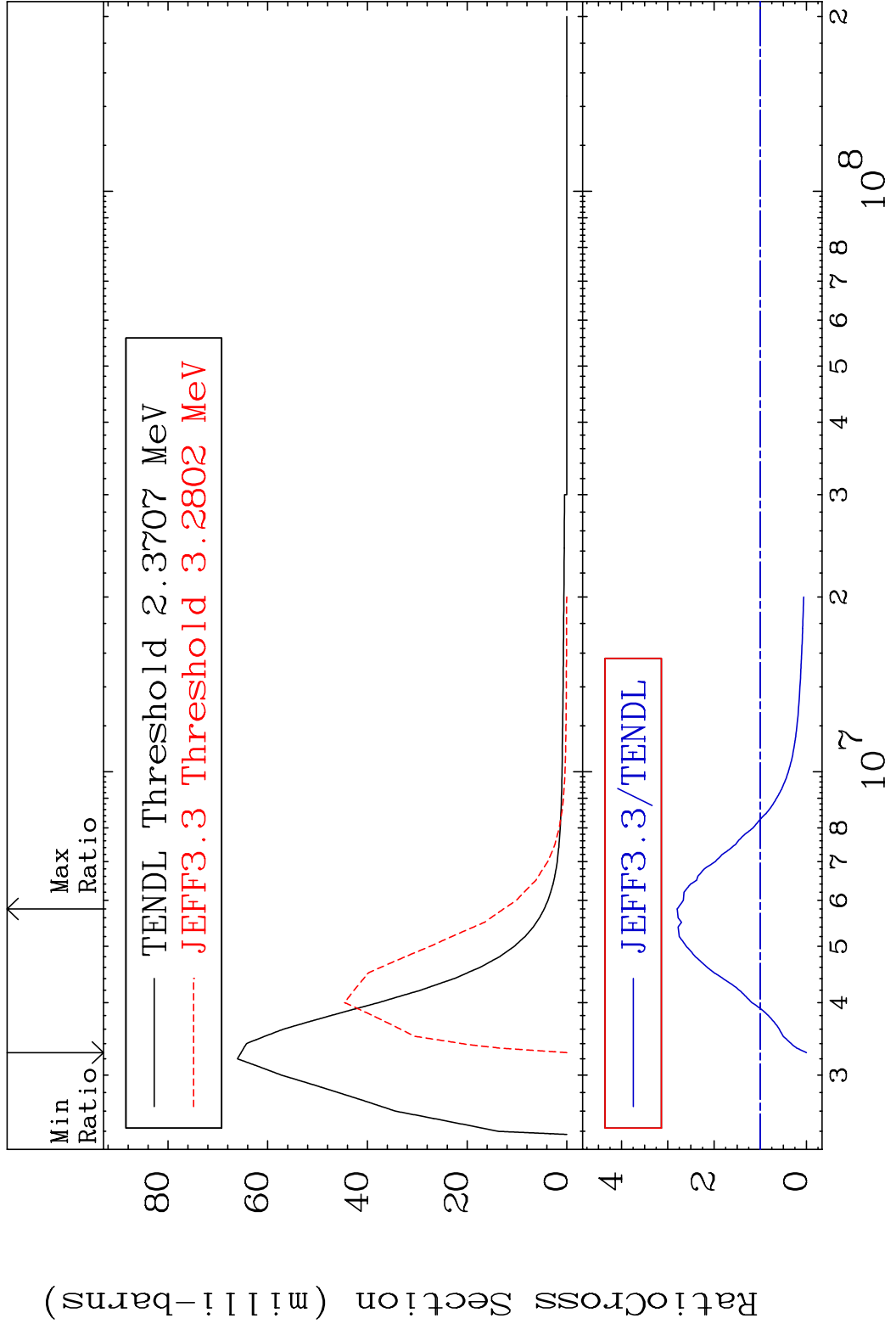
MAT 5455 MT= 65 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



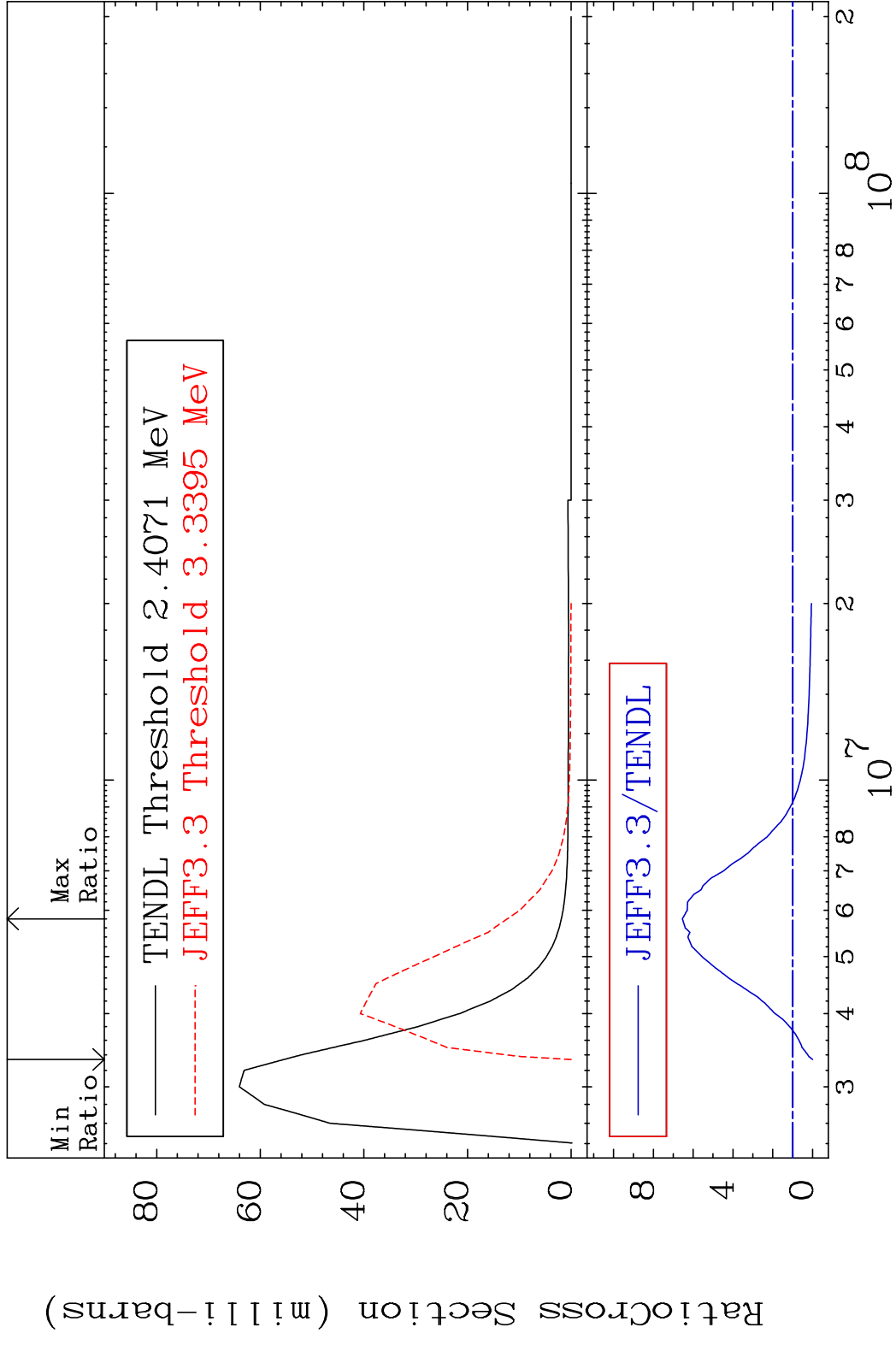
MAT 5455 MT= 66 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %



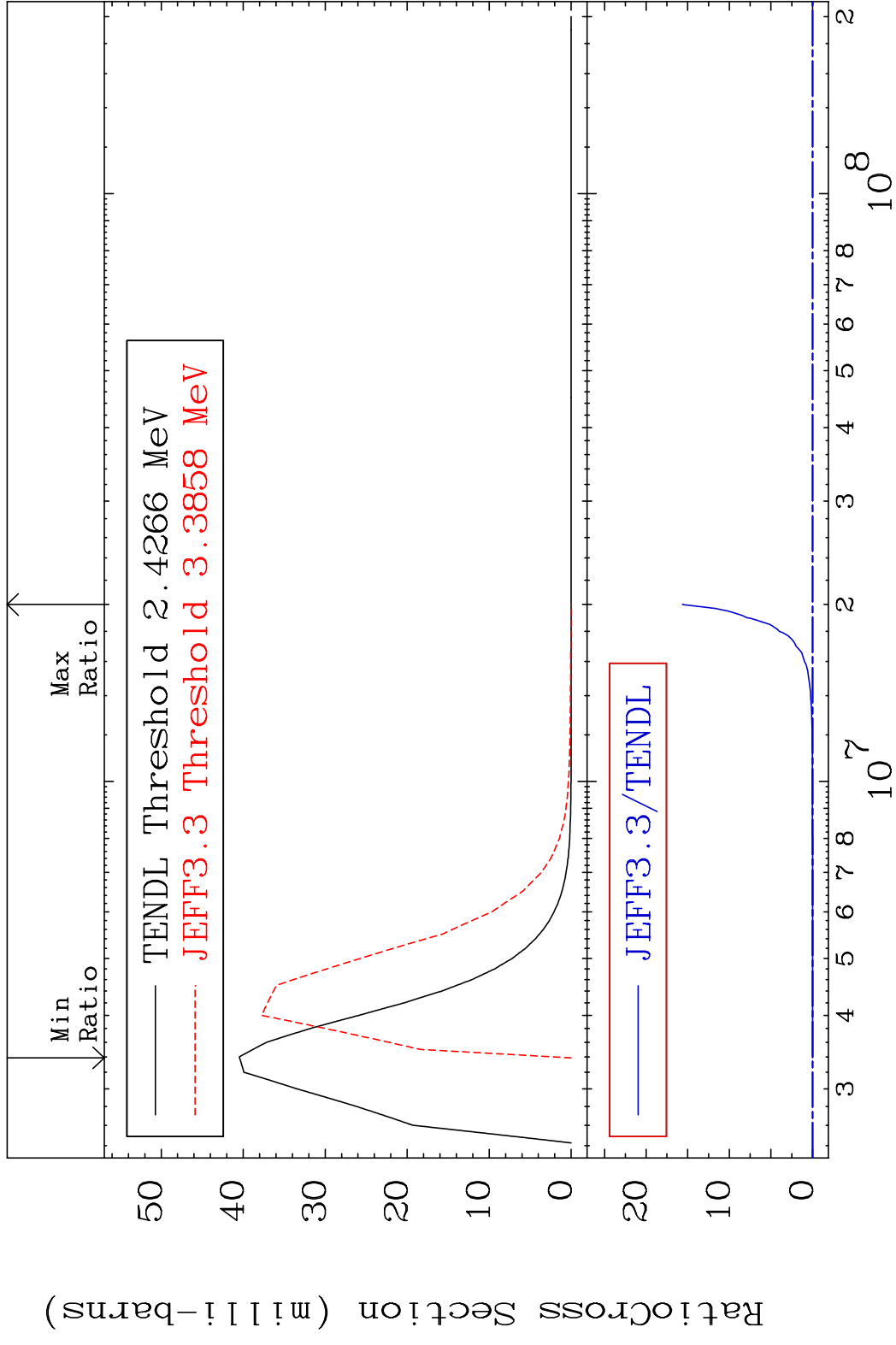
MAT 5455 MT= 67 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 179.7 %



MAT 5455 MT= 68 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 554.3 %



MAT 5455 MT= 69 (n, n') Level 54-Xe-134
 Cross Section -100.0 To 9999. %

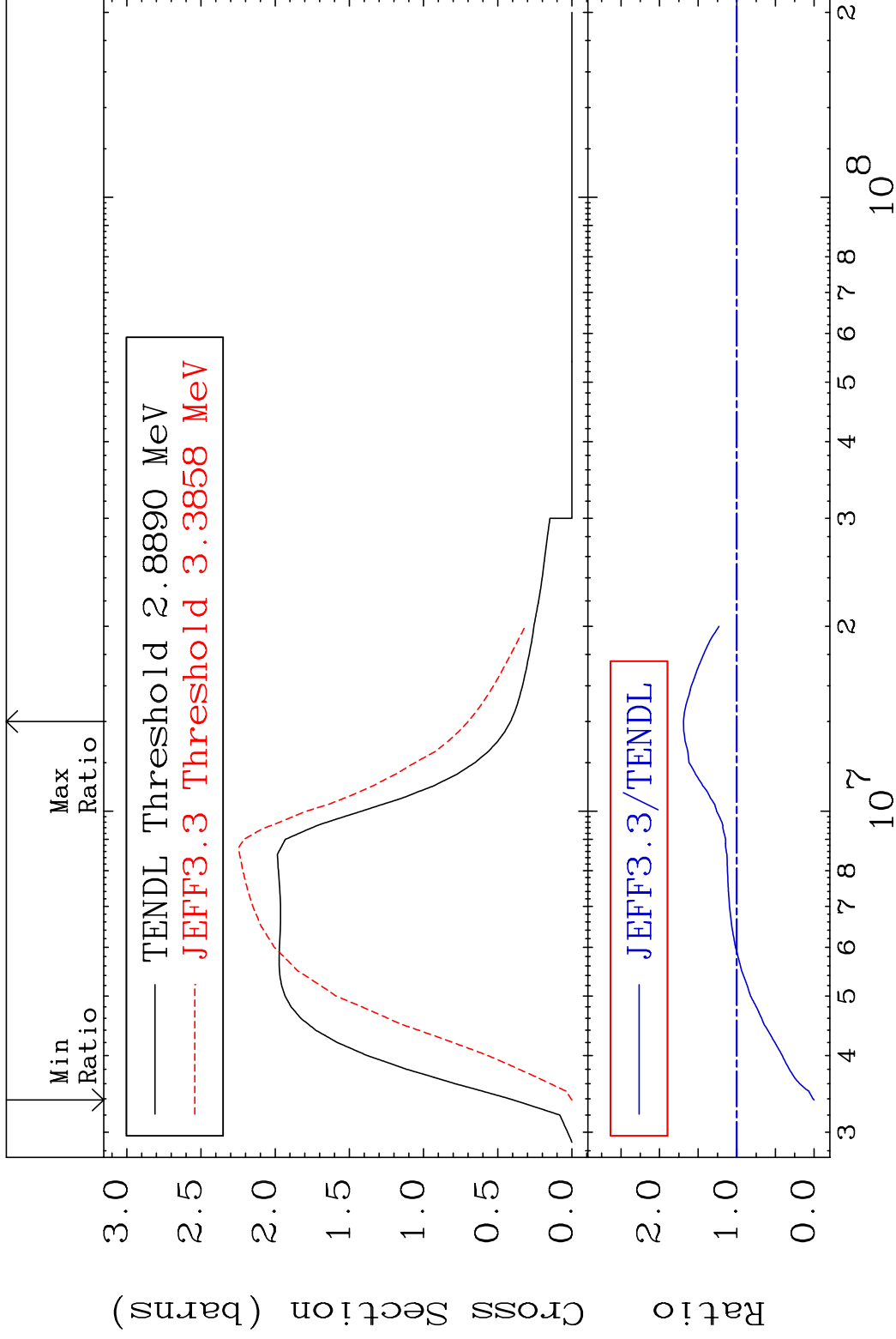


MAT 5455

(n, n') Continuum

54-Xe-134

Cross Section -100.0 To 69.09 %

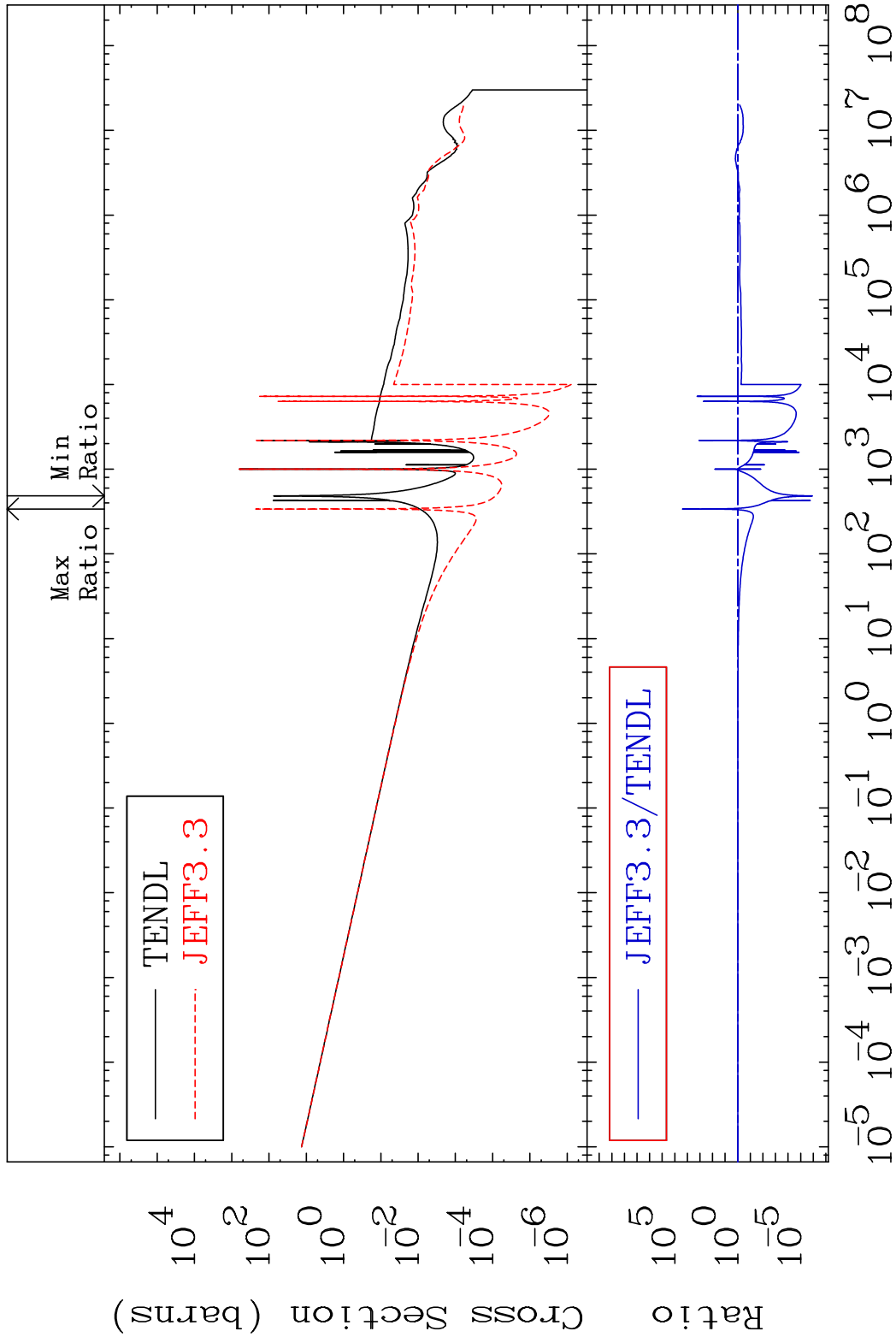


MAT 5455

(n, γ)

54-Xe-134

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

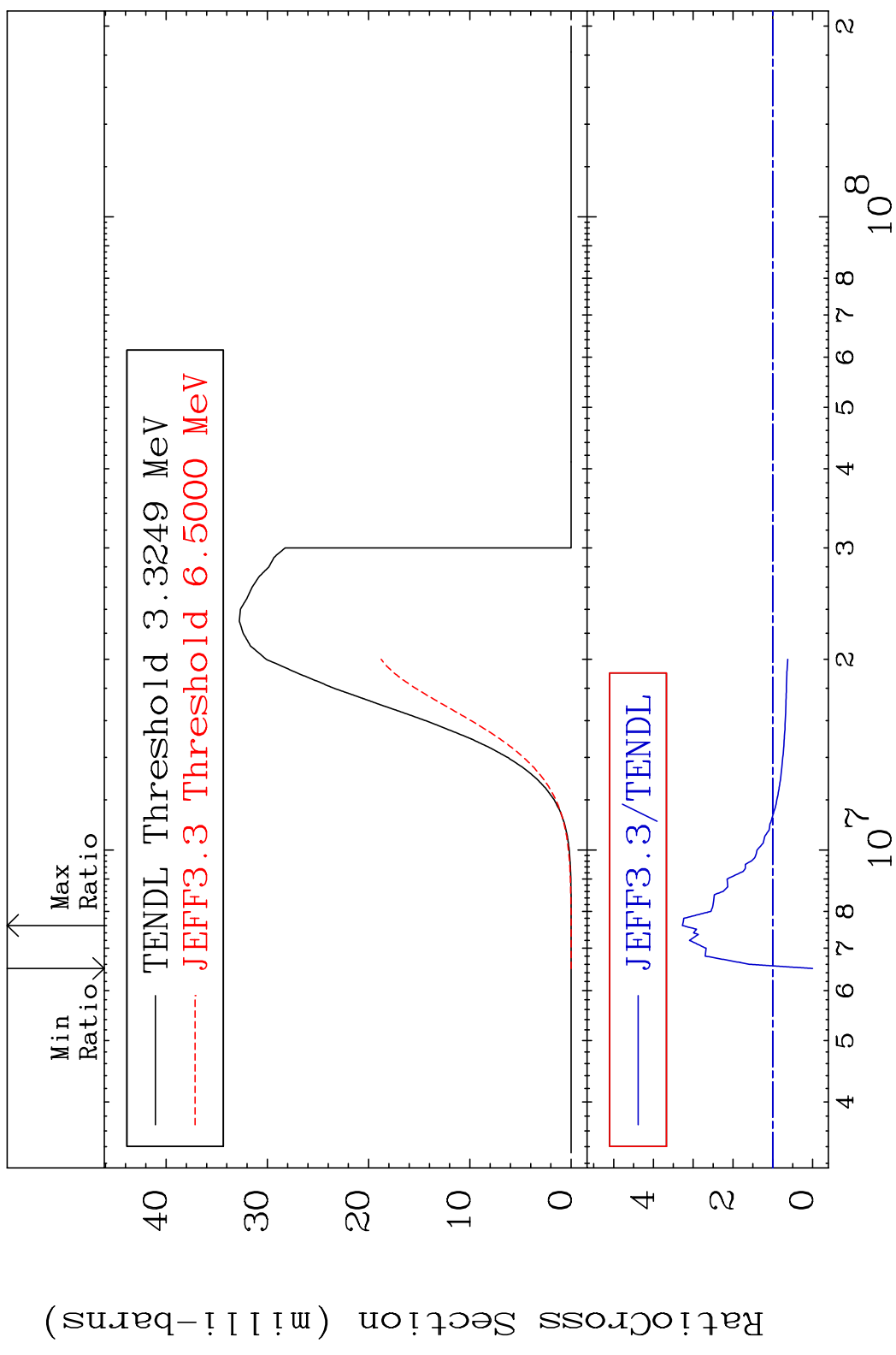
54-Xe-134

MAT 5455

(n,p)

54-Xe-134

Cross Section -100.0 To 227.3 %

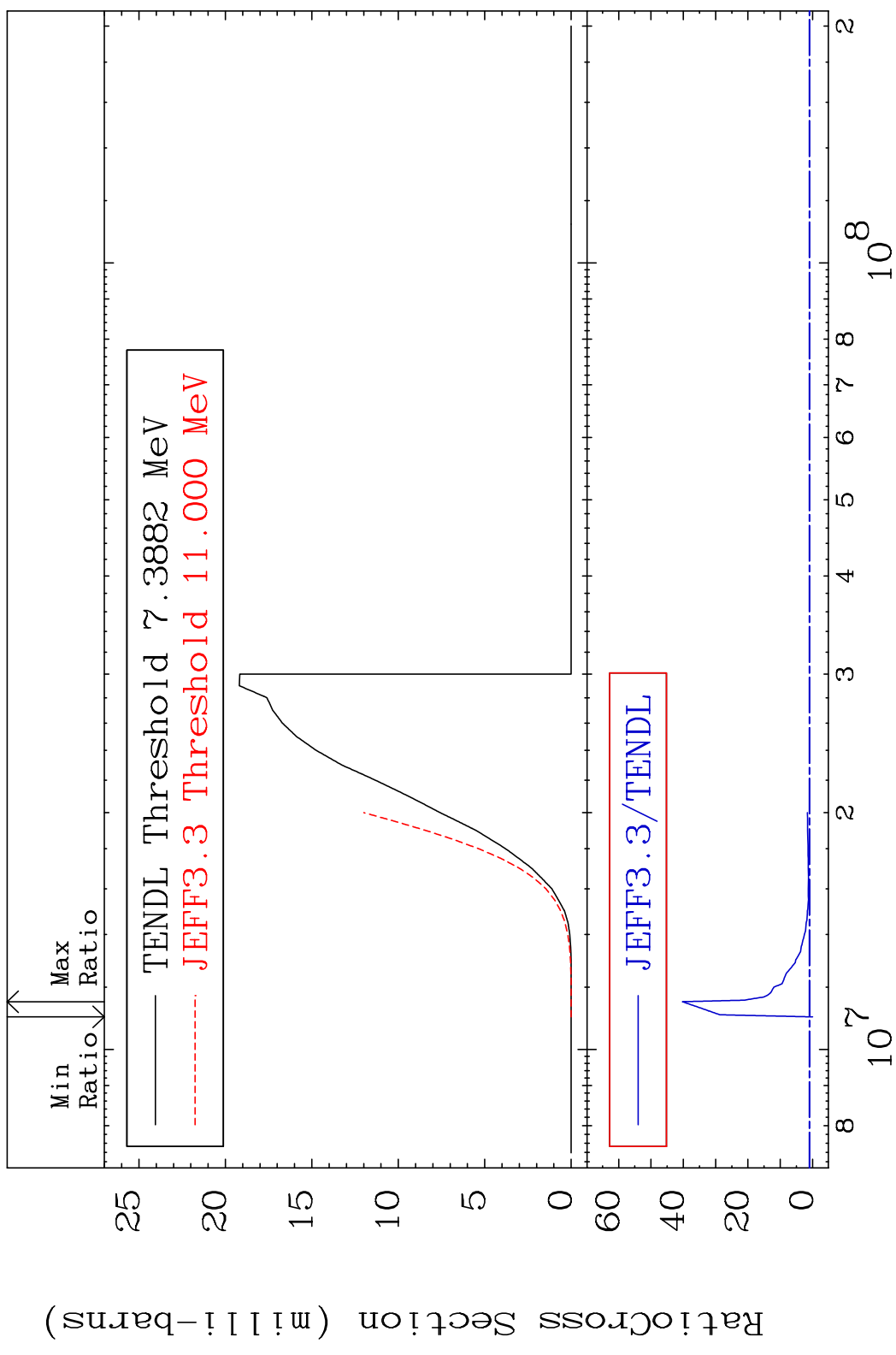


MAT 5455

(n, d)

54-Xe-134

Cross Section -100.0 To 3929. %



30

Incident Energy (eV)

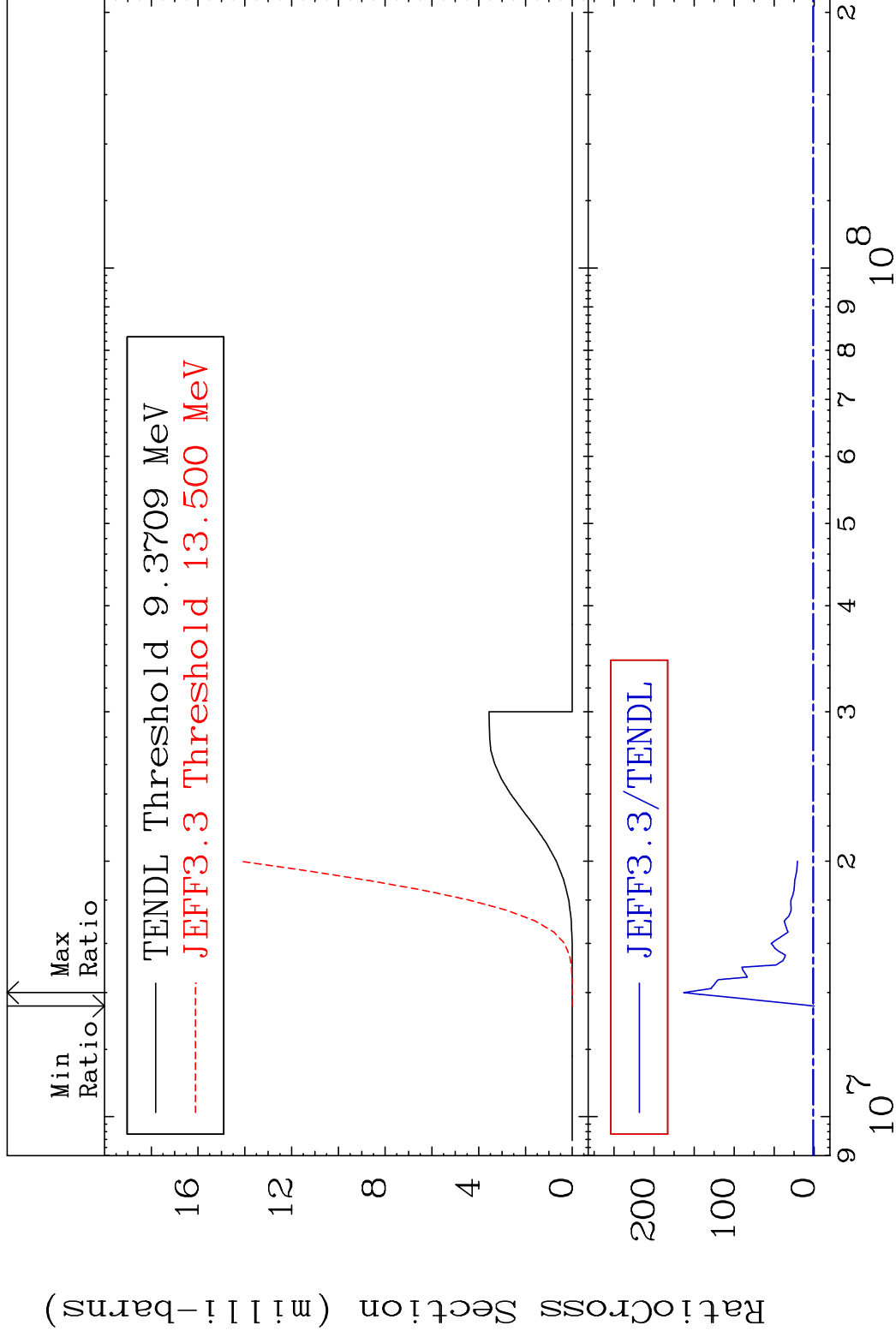
54-Xe-134

MAT 5455

(n, t)

54-Xe-134

Cross Section -100.0 To 9999. %



31

Incident Energy (eV)

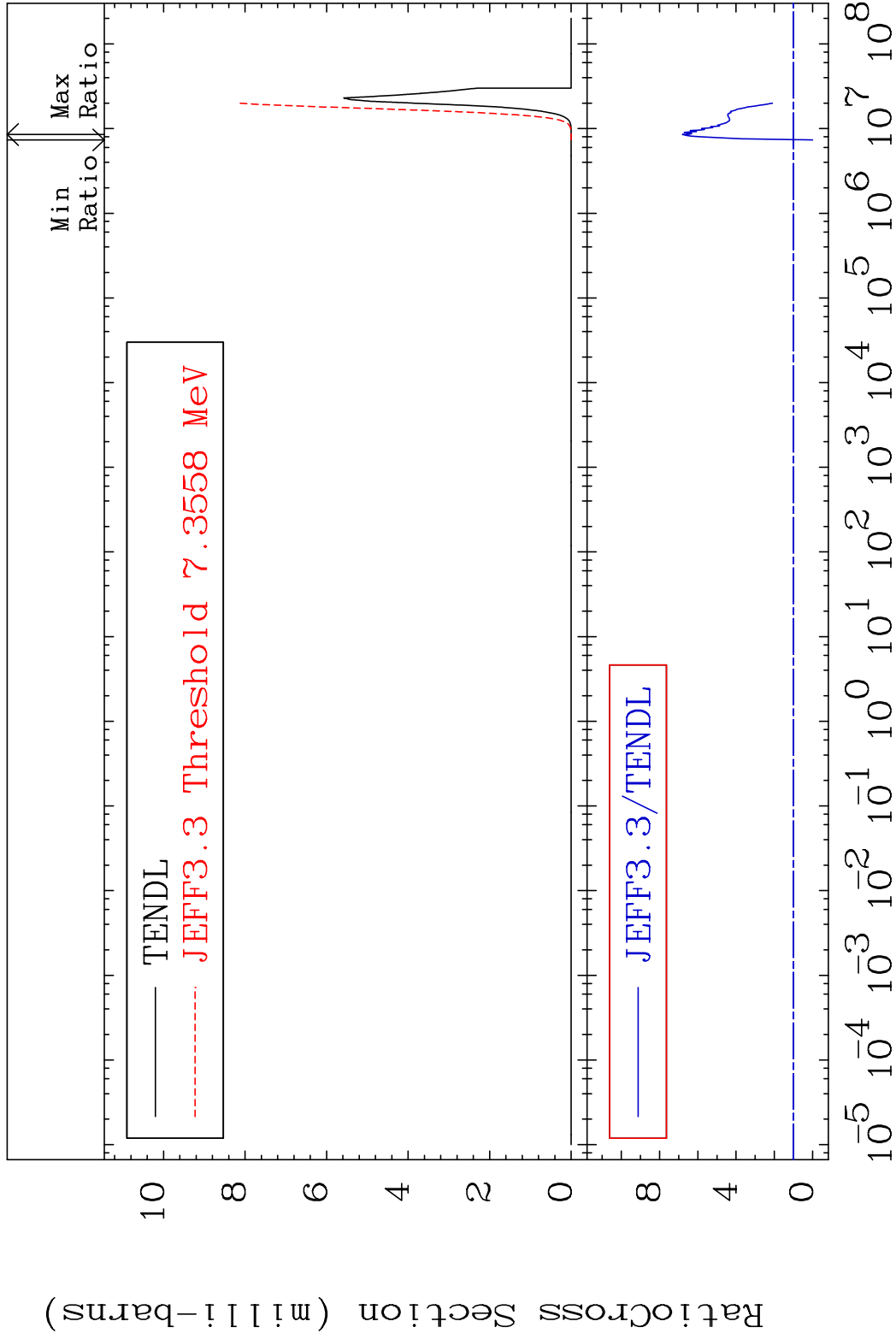
54-Xe-134

MAT 5455

(n, α)

54-Xe-134

Cross Section -100.0 To 580.9 %



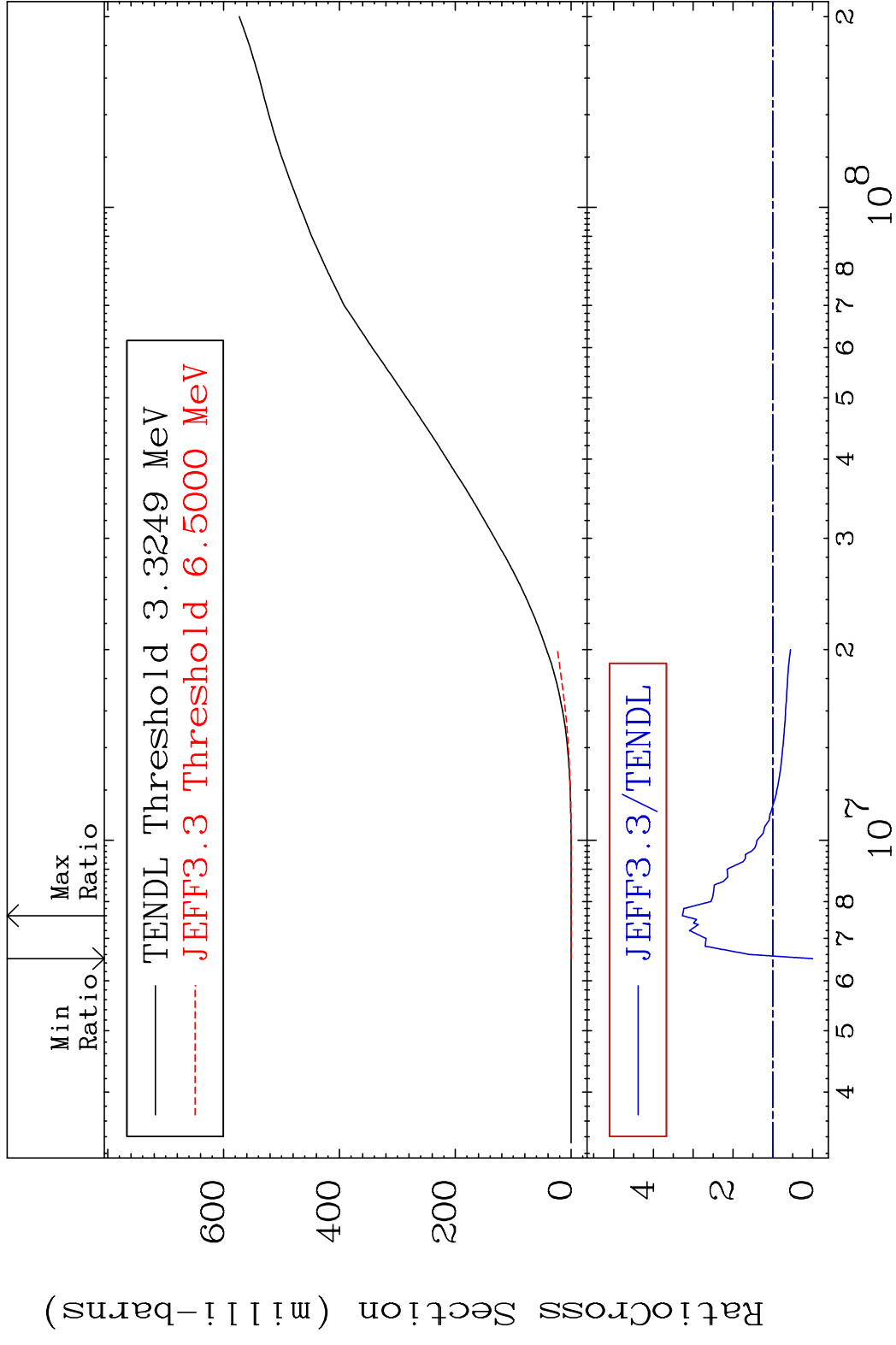
32

Incident Energy (eV)

54-Xe-134

MAT 5455

Hydrogen Production 54-Xe-134
Cross Section -100.0 To 227.3 %

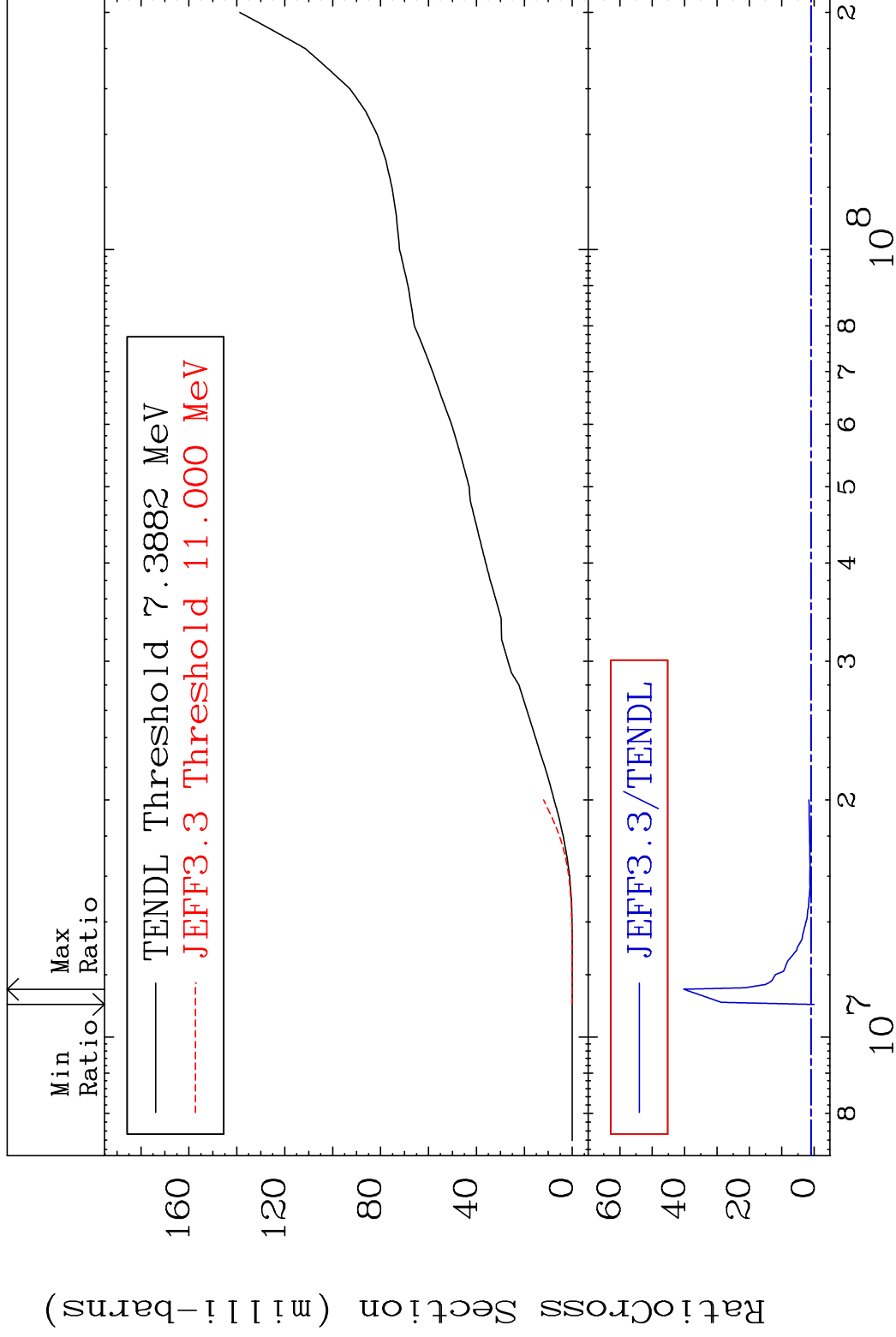


MAT 5455

Deuterium Production

54-Xe-134

Cross Section -100.0 To 3929. %



34

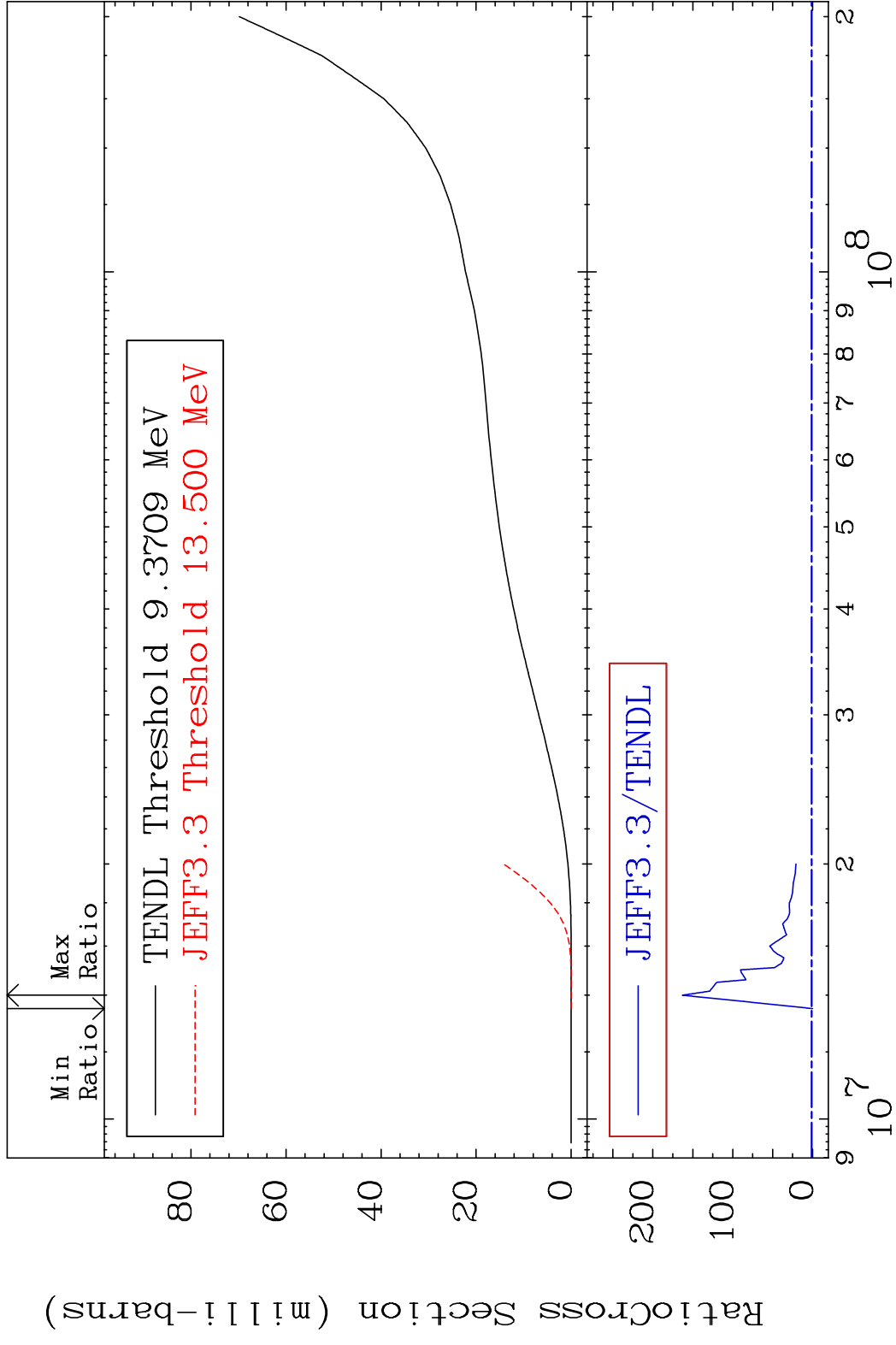
Incident Energy (eV)

54-Xe-134

MAT 5455

Tritium Production 54-Xe-134

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

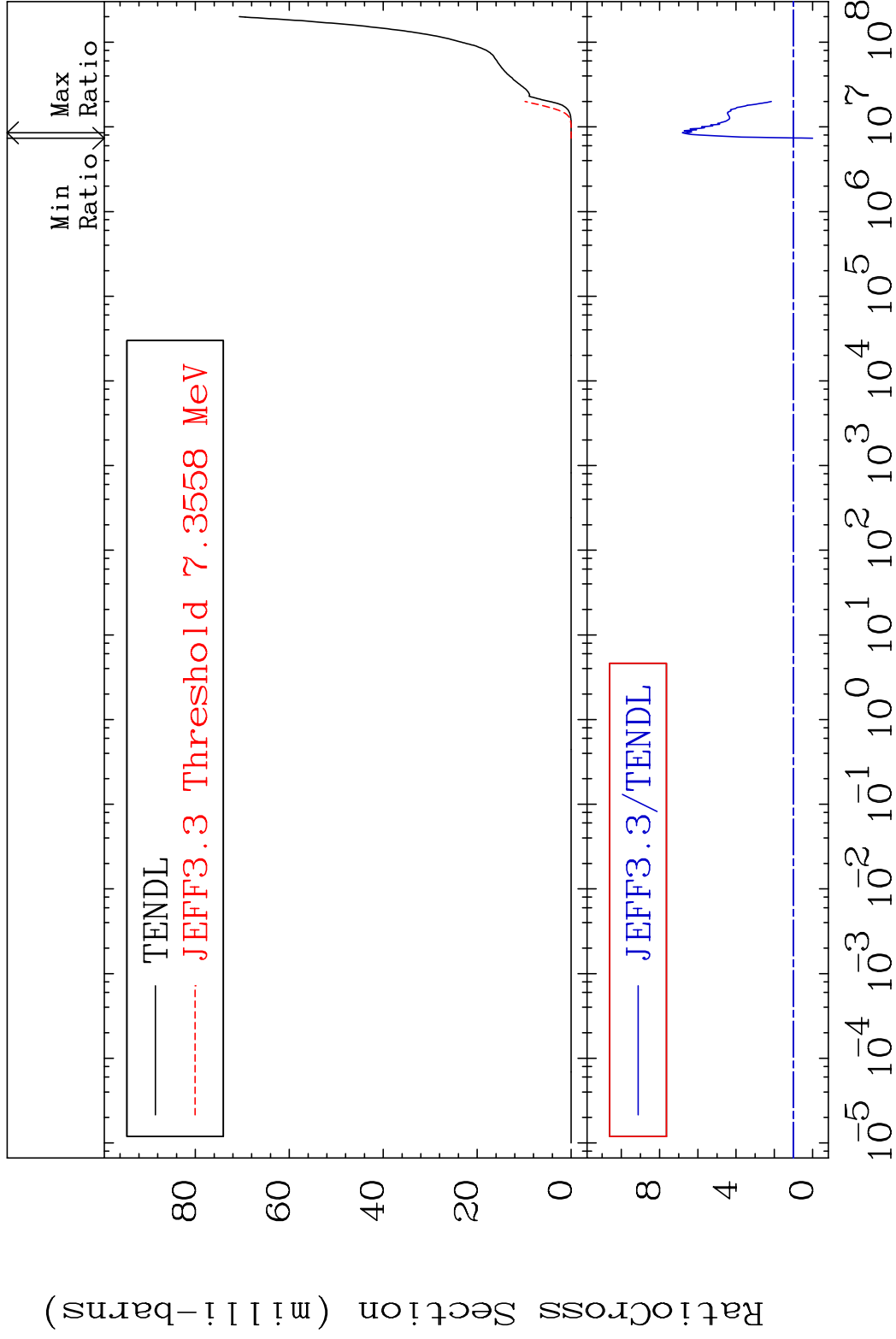
54-Xe-134

MAT 5455

He-4 Production

54-Xe-134

Cross Section -100.0 To 580.9 %

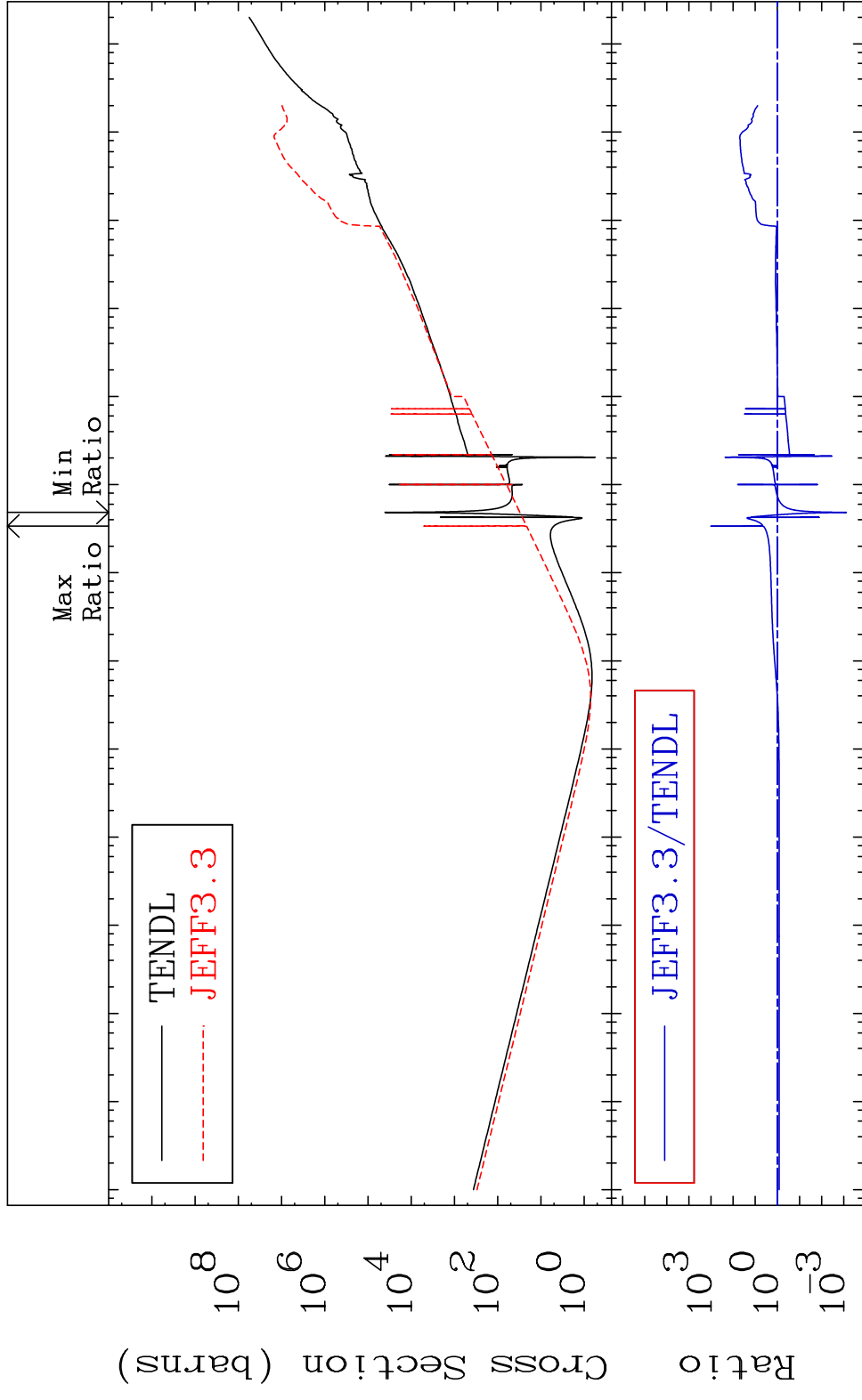


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Incident Energy (eV)

54-Xe-134

MAT 5455 Kerma total (eV-barns) 54-Xe-134
 Cross Section -99.92 To 9999. %

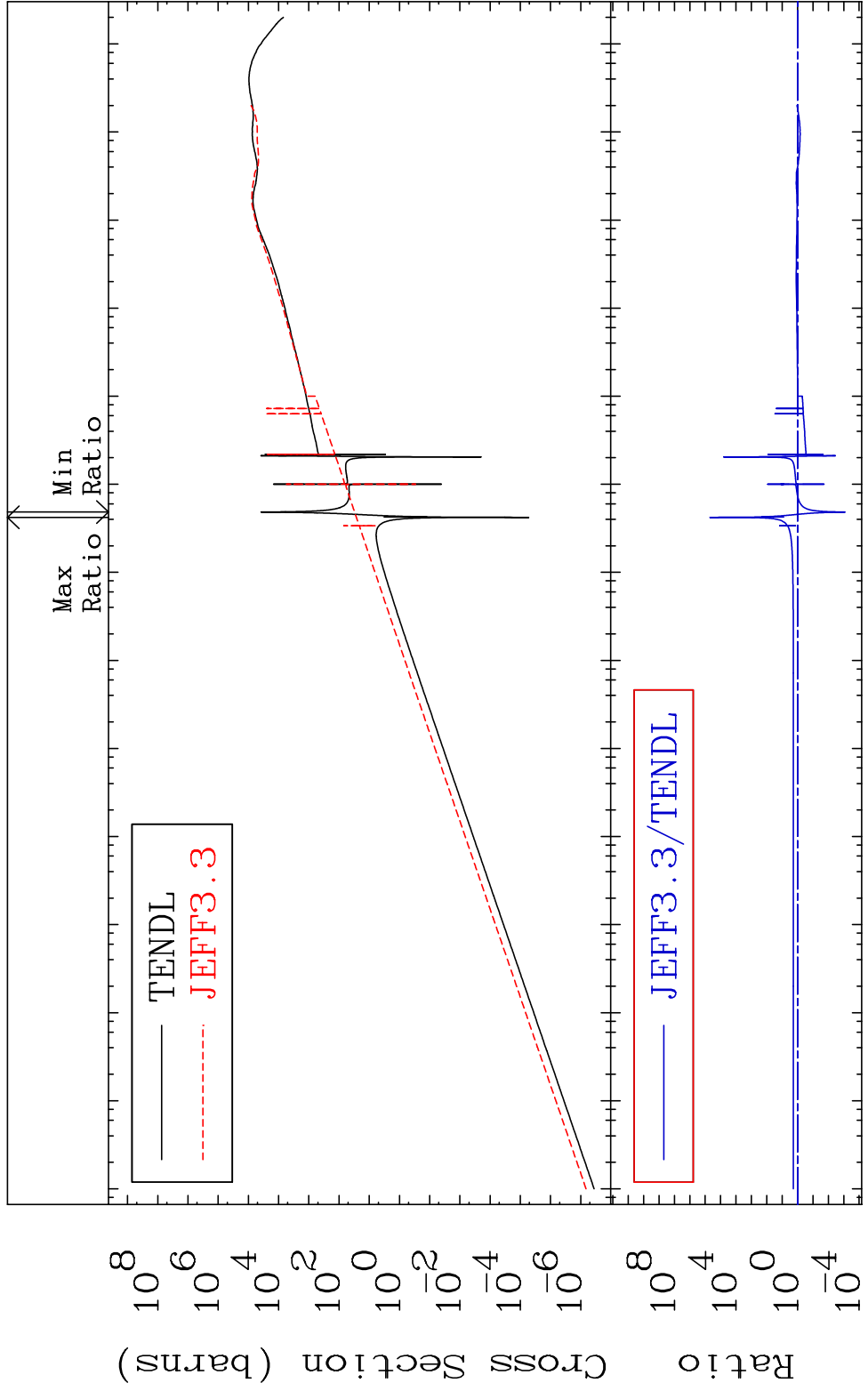


Ratio
 10^3
 10^0
 10^{-3}

Incident Energy (eV) 54-Xe-134

MAT 5455

Kerma elastic Cross Section -99.92 To 9999. %
54-Xe-134



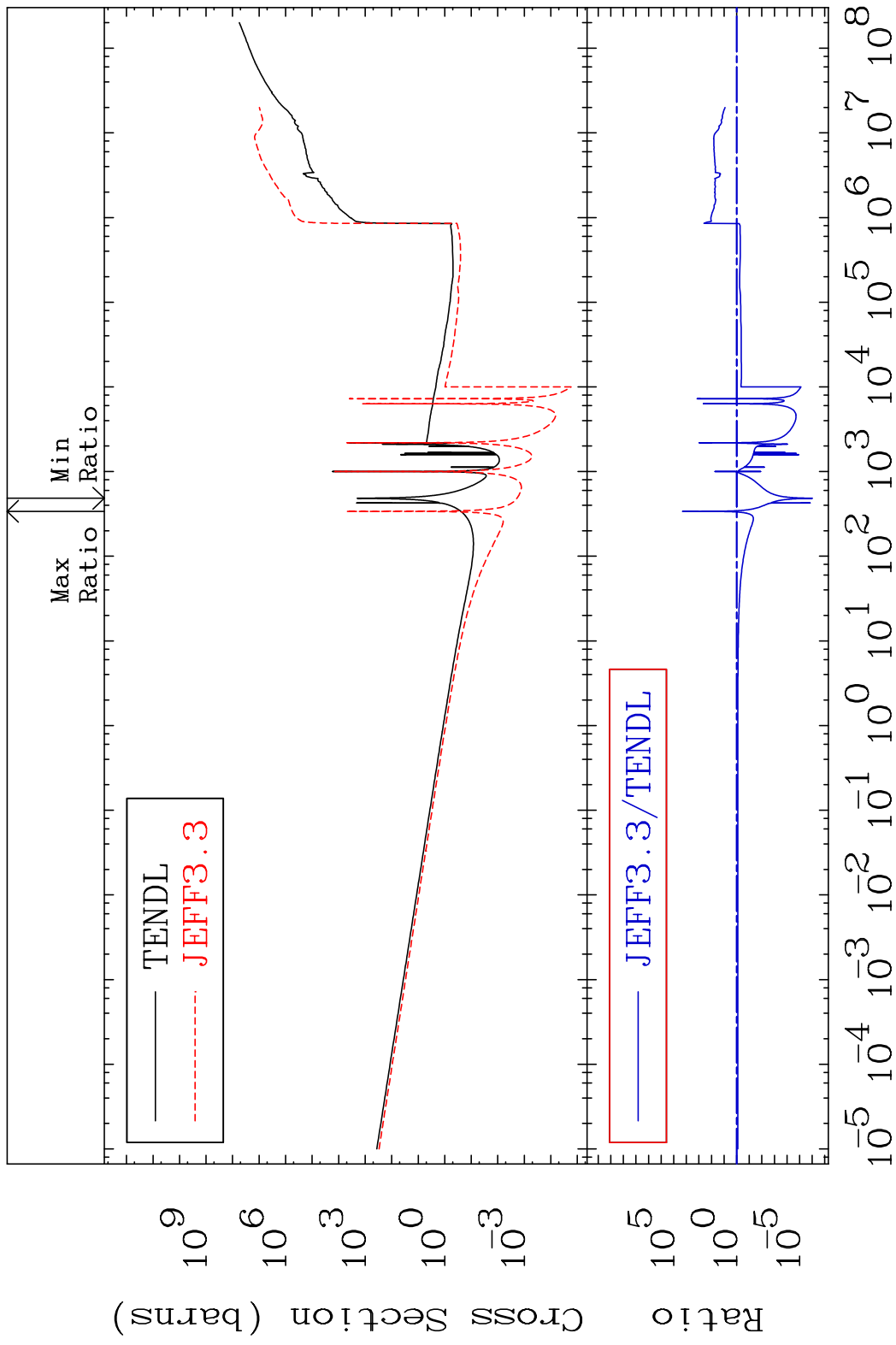
Ratio
Cross Section (barns)

10⁸
10⁶
10⁴
10²
10⁰
10⁻²
10⁻⁴
10⁻⁶
10⁻⁸

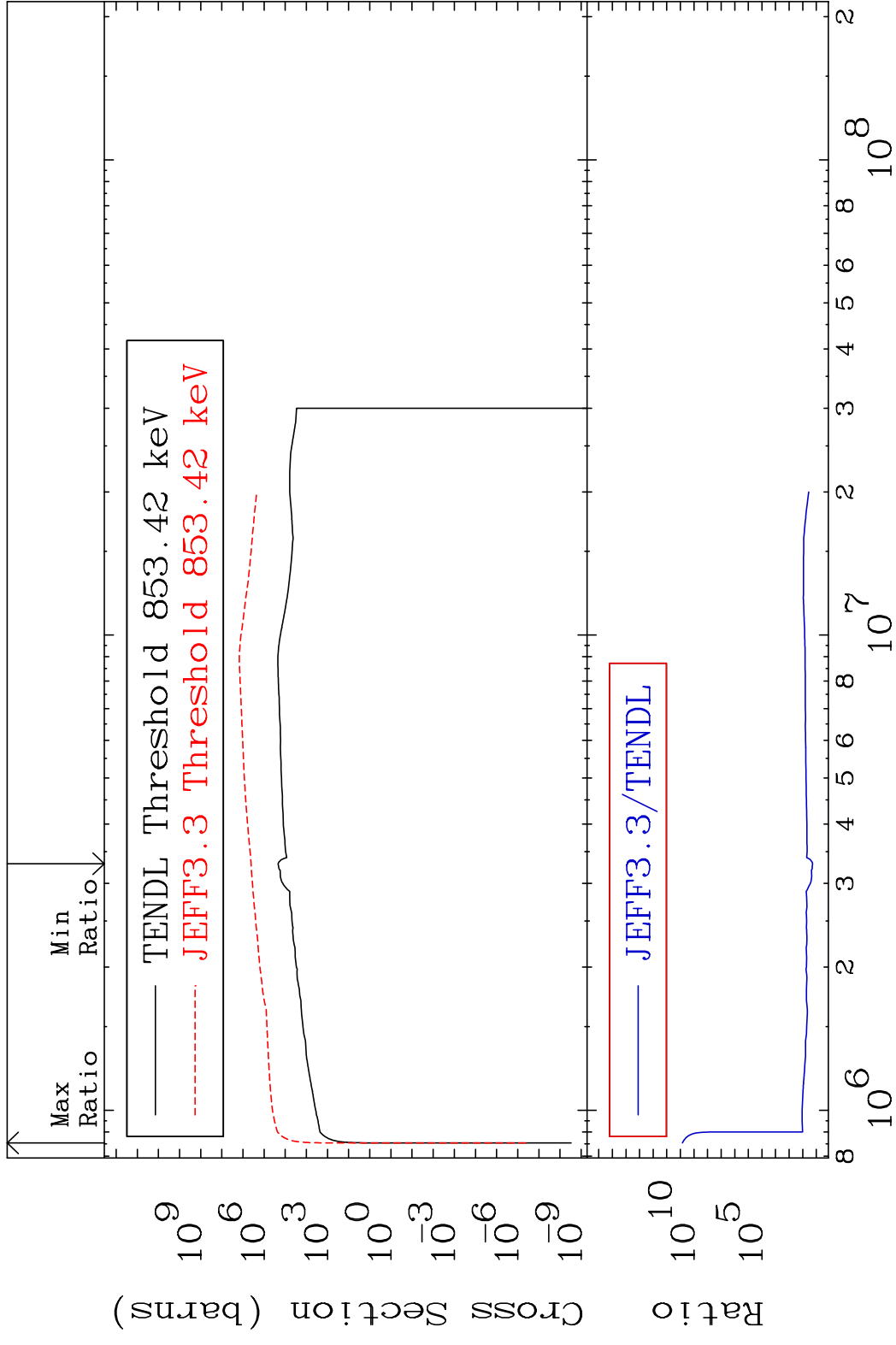
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

Incident Energy (eV)

MAT 5455 Kerma non-elastic (all but mt2) 54-Xe-134
 Cross Section -100.0 To 9999. %

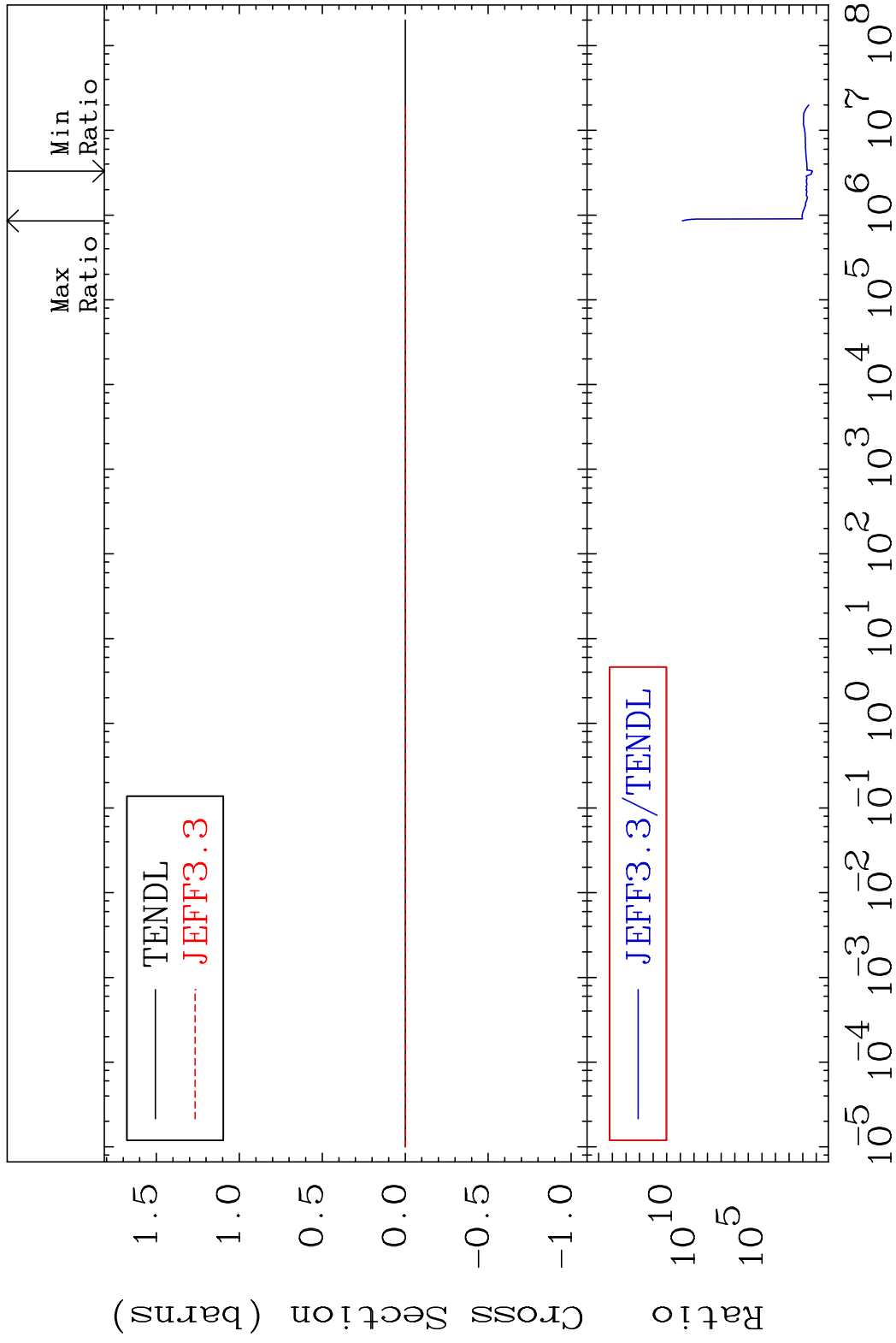


MAT 5455 Kerma inelastic (mt51-91) 54-Xe-134
 Cross Section 1797. To 9999. %



40 Incident Energy (eV) 54-Xe-134

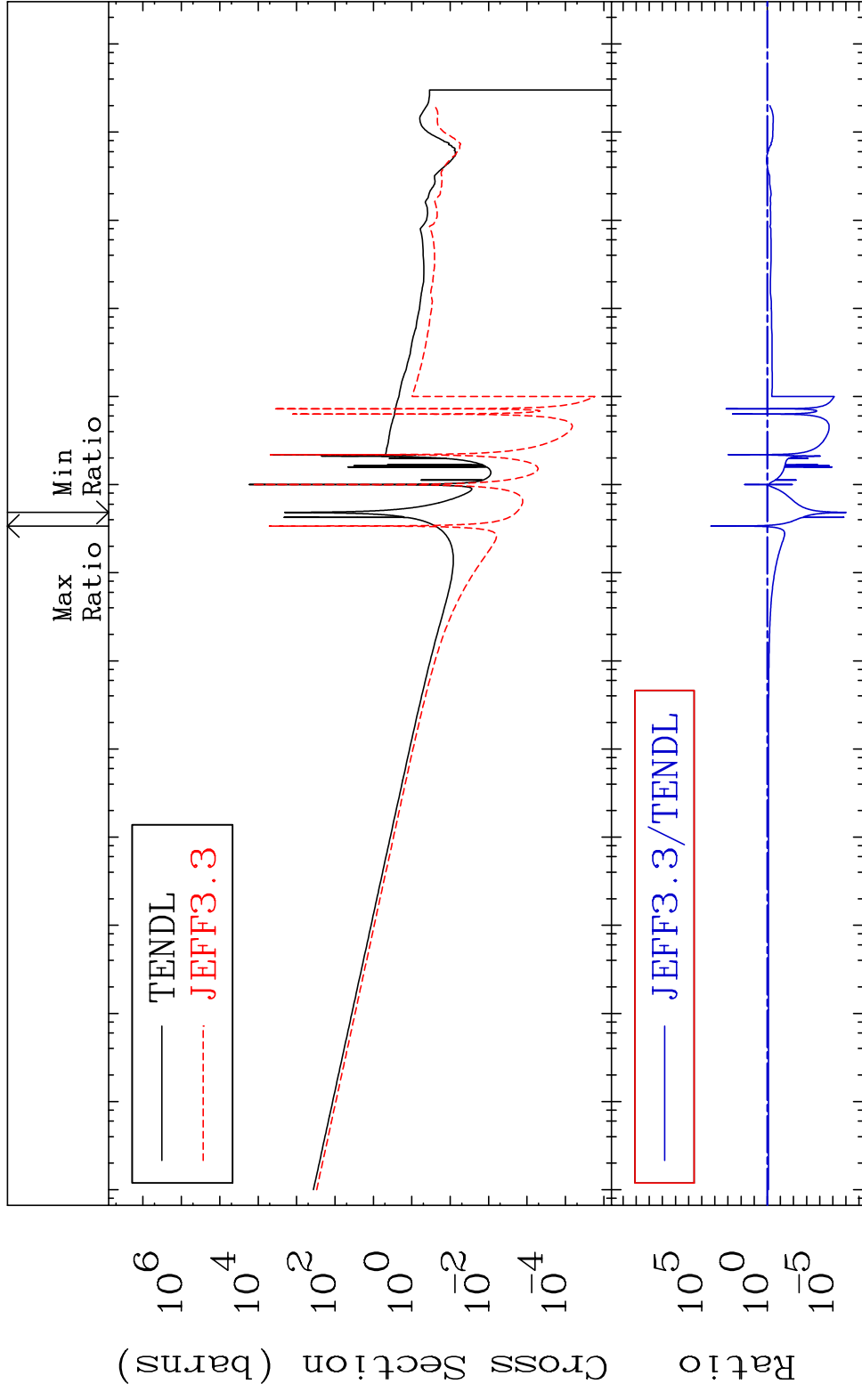
MAT 5455 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-134
 Cross Section 1797. To 9999. %



MAT 5455

Kerma capture (mt102) 54-Xe-134

Cross Section -100.0 To 9999. %

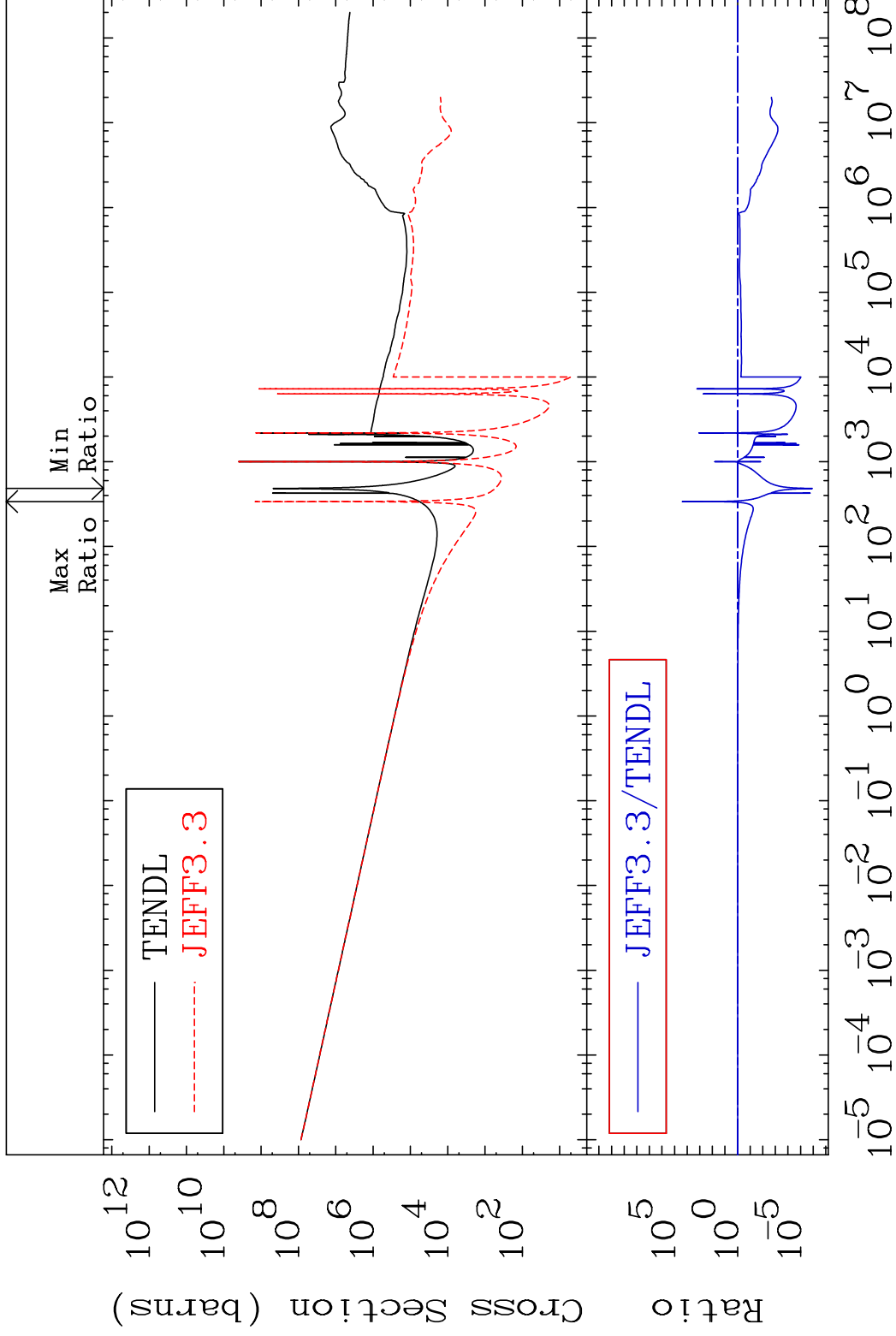


MAT 5455

Total photon (eV-barns)

54-Xe-134

Cross Section -100.0 To 9999. %

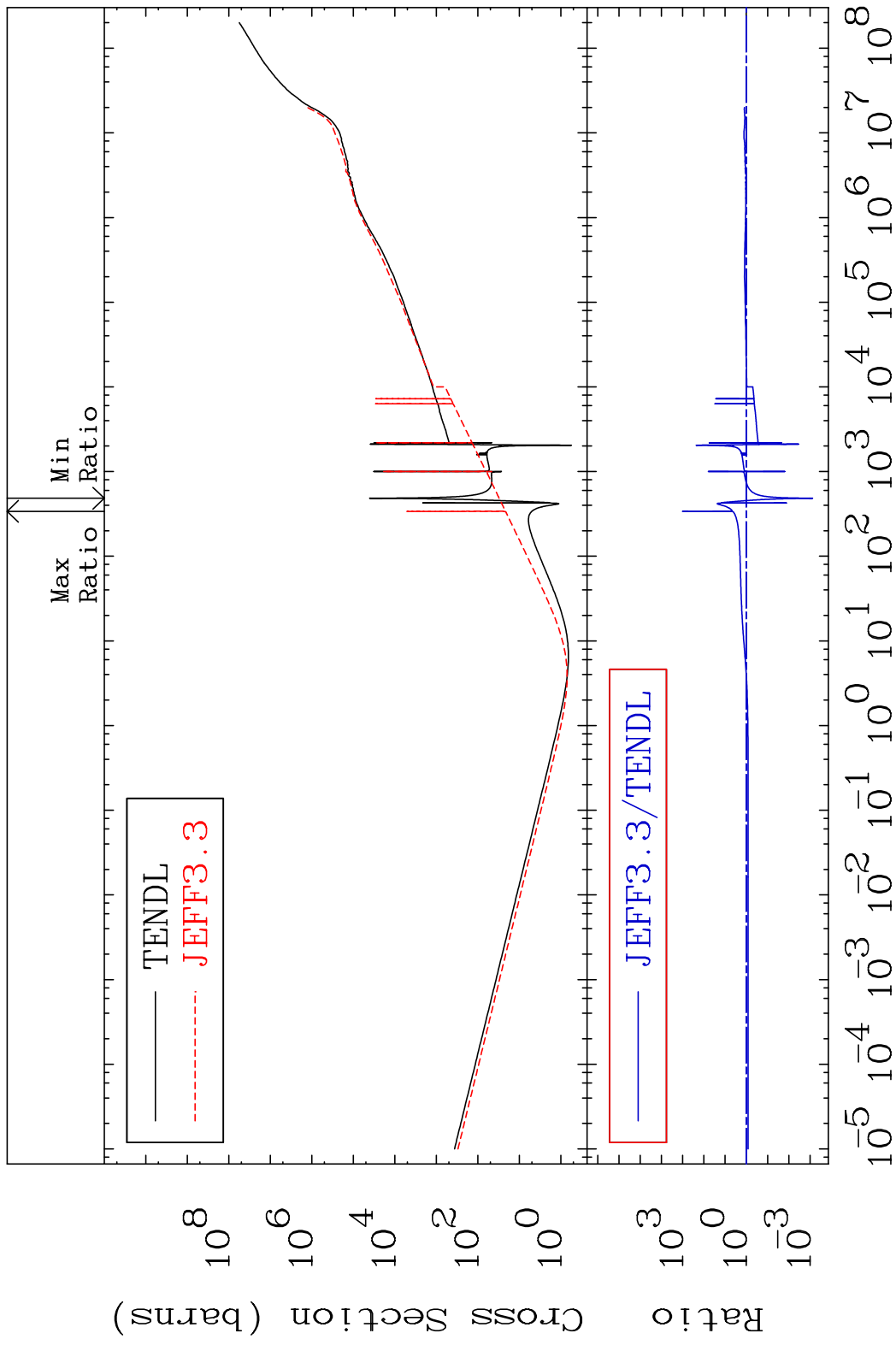


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Incident Energy (eV)

54-Xe-134

MAT 5455 Total kinematic kerma (high limit) 54-Xe-134
 Cross Section -99.92 To 9999. %

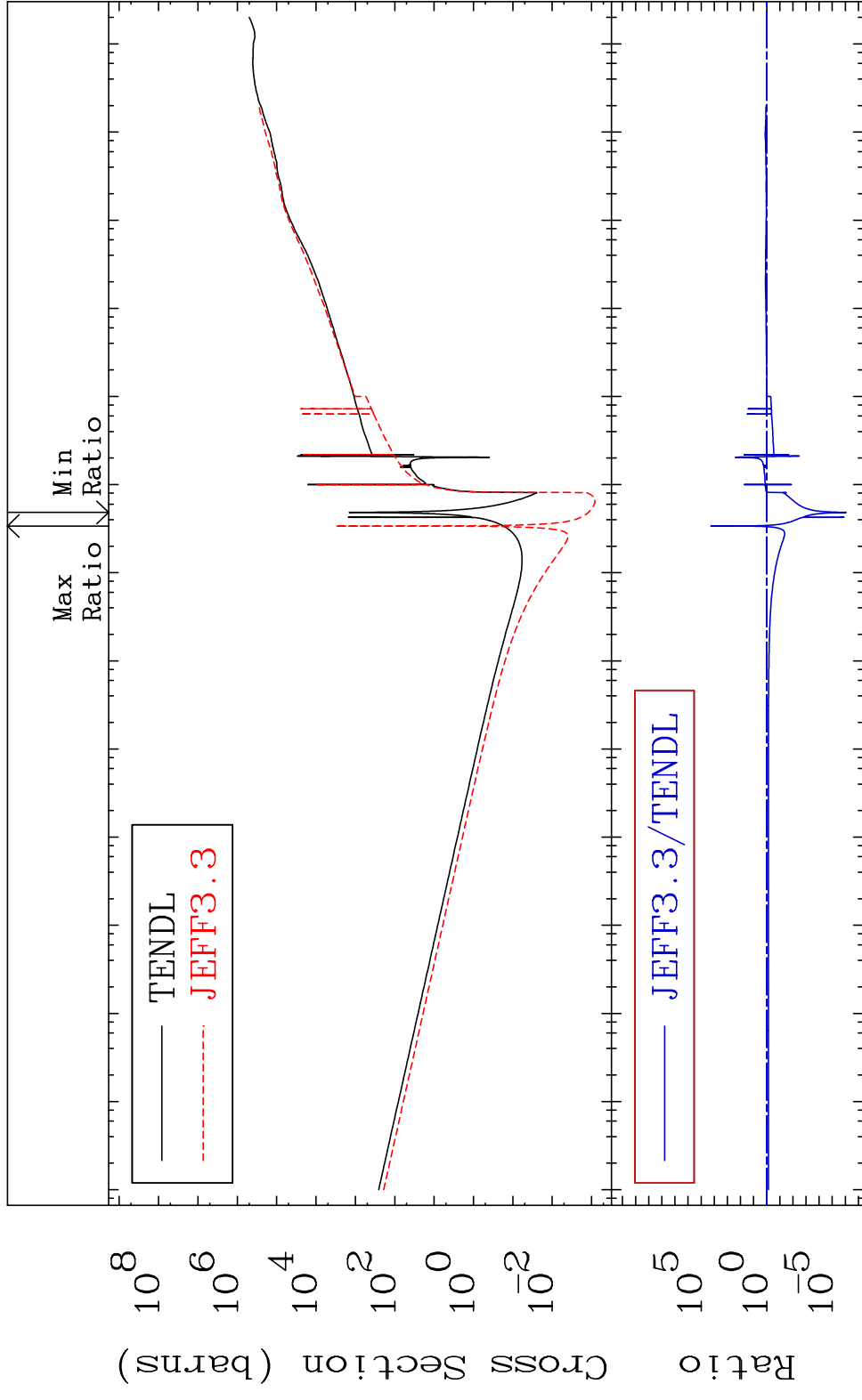


MAT 5455

Dpa total (eV-barns)

54-Xe-134

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

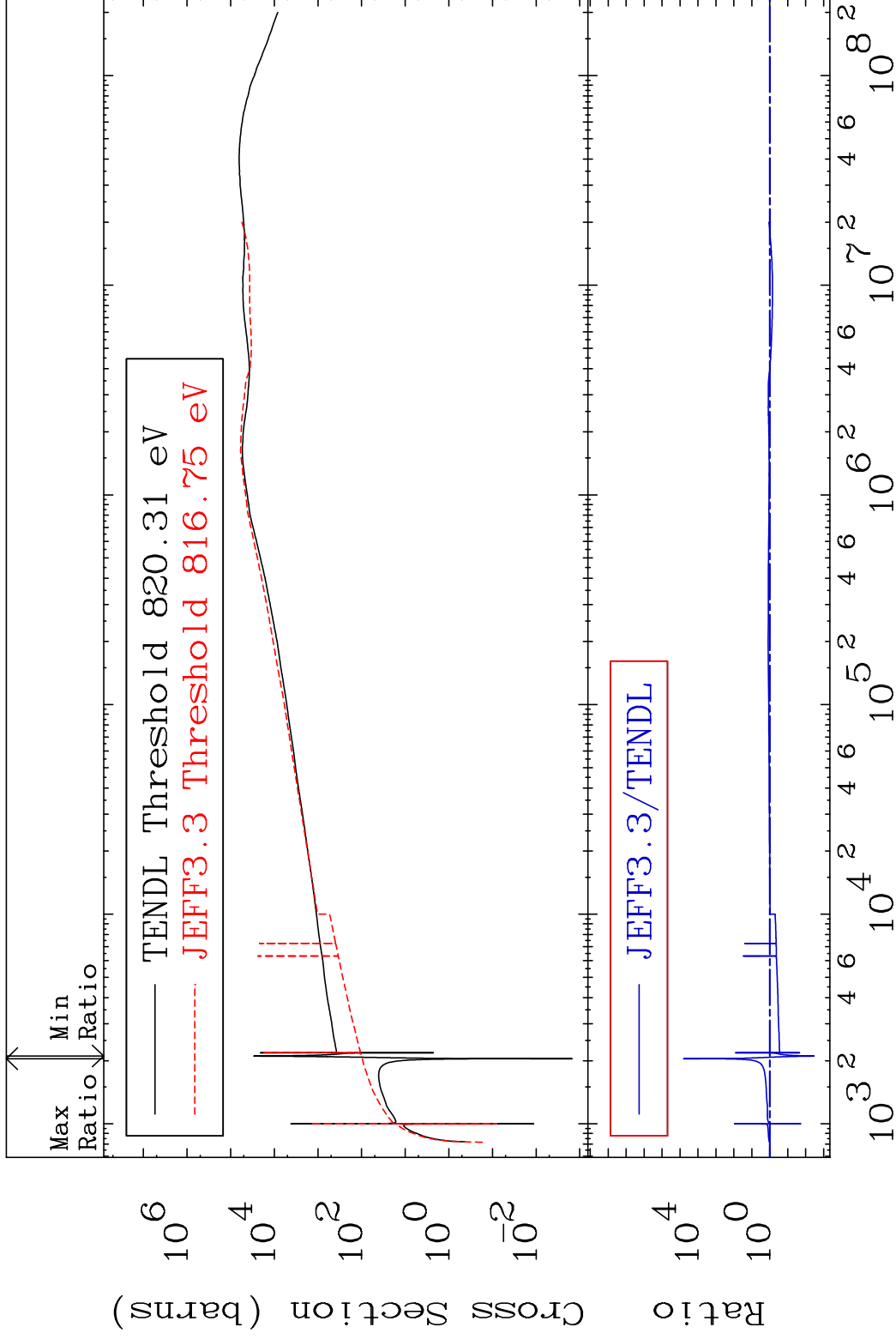
54-Xe-134

MAT 5455

Dpa elastic (mt2)

54-Xe-134

Cross Section -99.66 To 9999. %

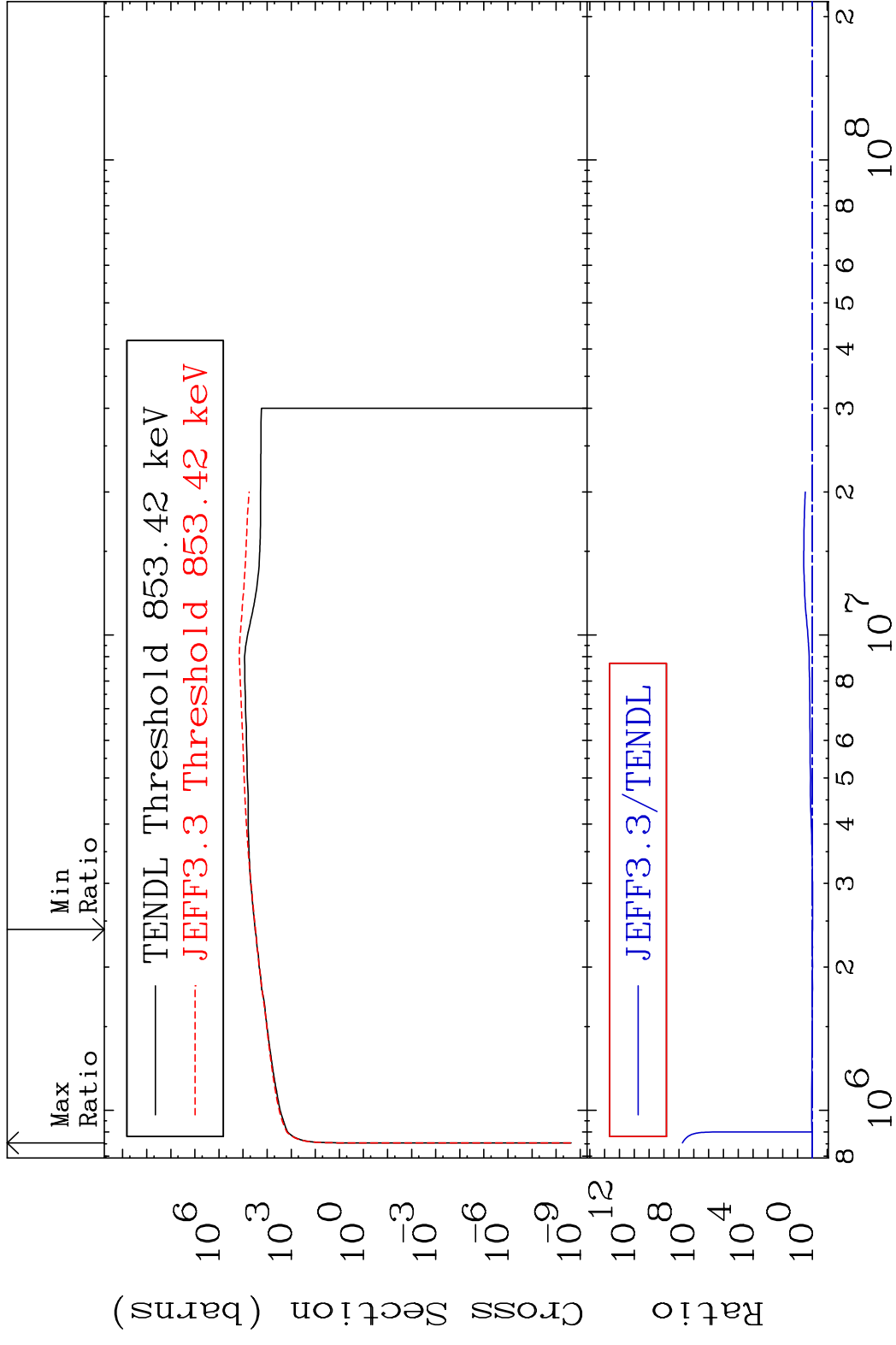


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Incident Energy (eV)

54-Xe-134

MAT 5455 Dpa inelastic (mt51-91) 54-Xe-134
 Cross Section -2.410 To 9999. %



47 Incident Energy (eV) 54-Xe-134

MAT 5455 Dpa disappearance (mt102 -120) 54-Xe-134
 Cross Section -100.0 To 9999. %

