

Program Complot
(Version 2021-1)

by

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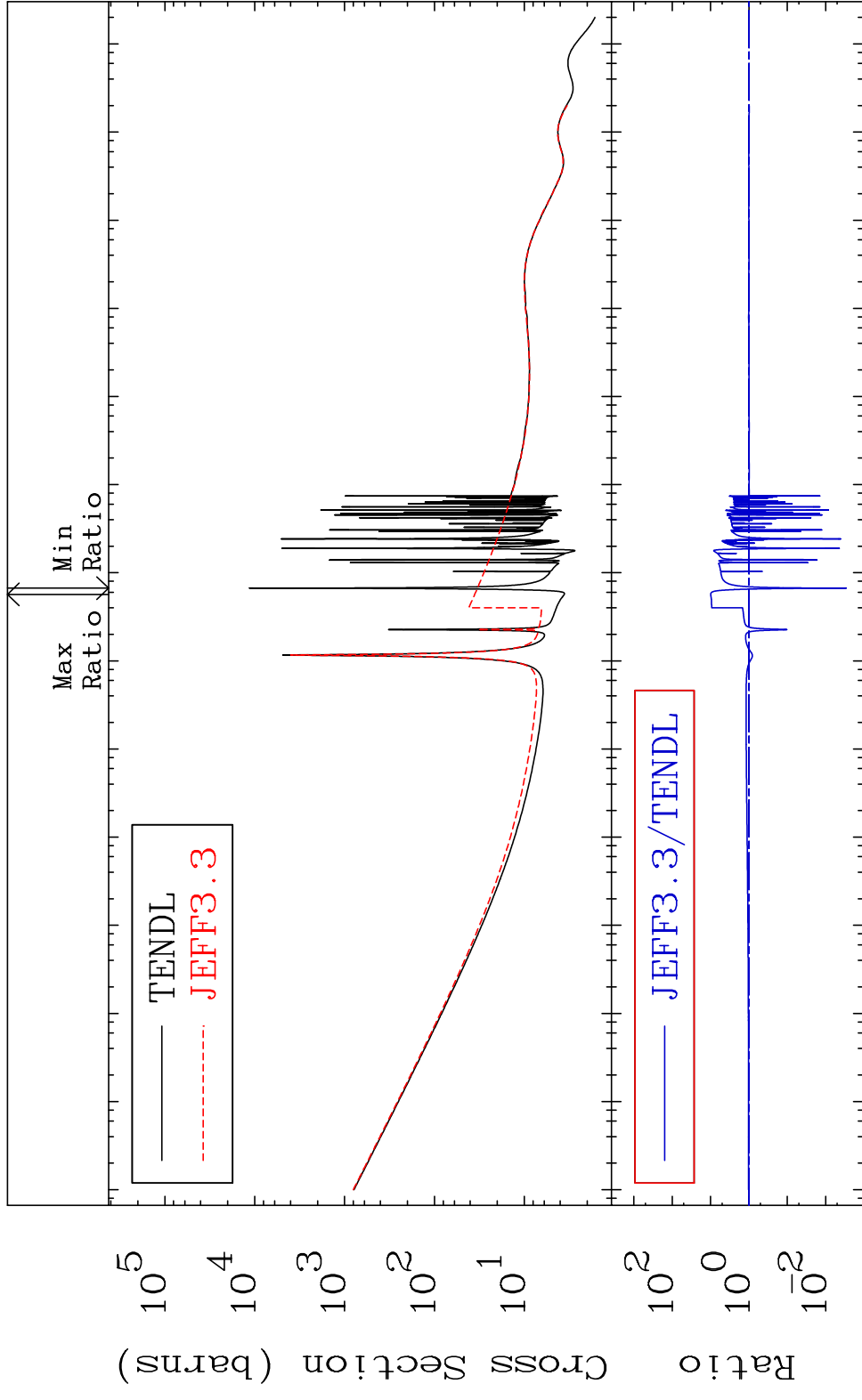
Press Mouse Button to Start

MAT 4128

41-Nb-94

Total

Cross Section -99.71 To 891.0 %



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

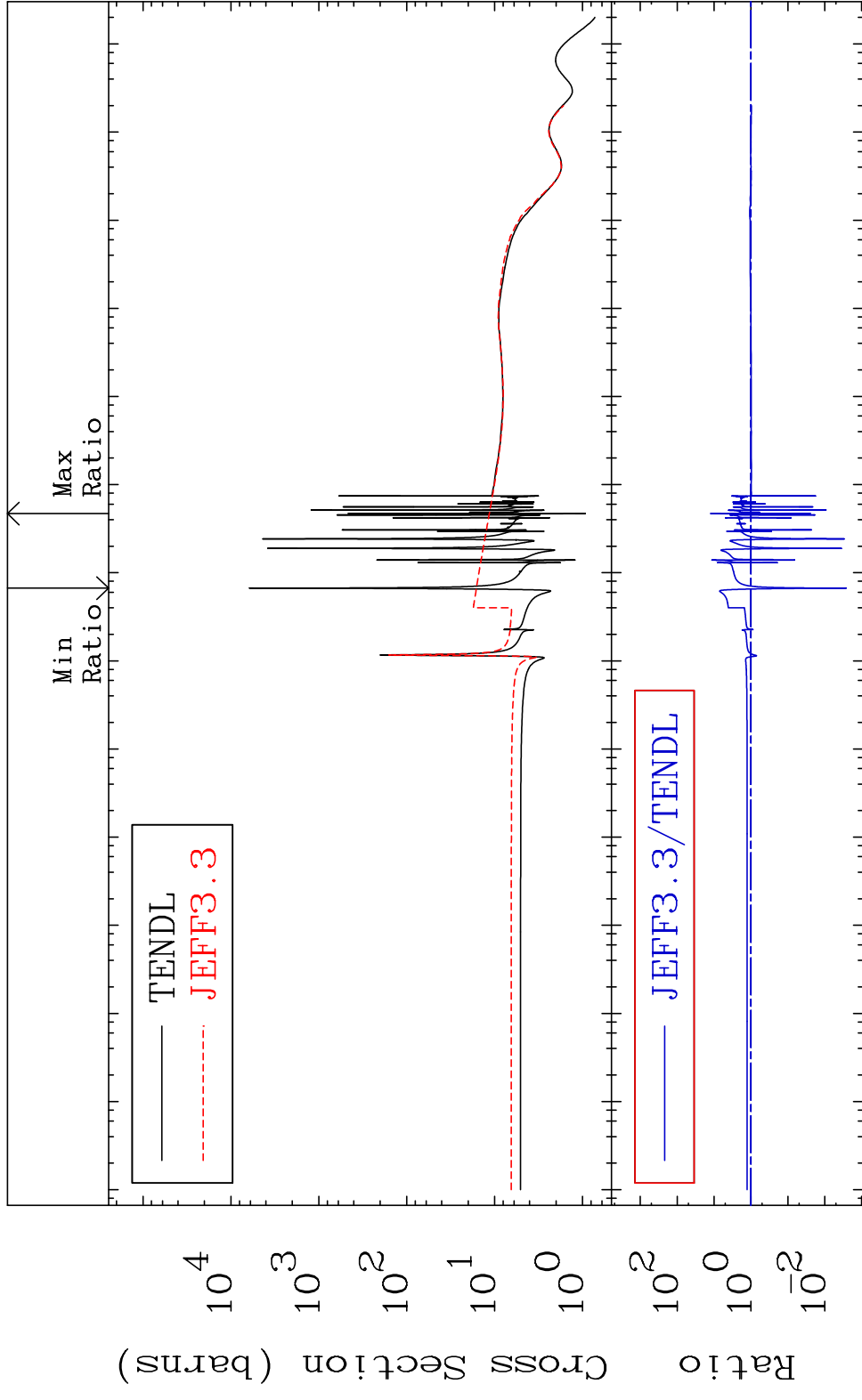
1

Incident Energy (eV)

41-Nb-94

MAT 4128

Elastic Cross Section -99.74 To 1136. % 41-Nb-94



Ratio

10⁴

10³

10²

10¹

10⁰

10⁻²

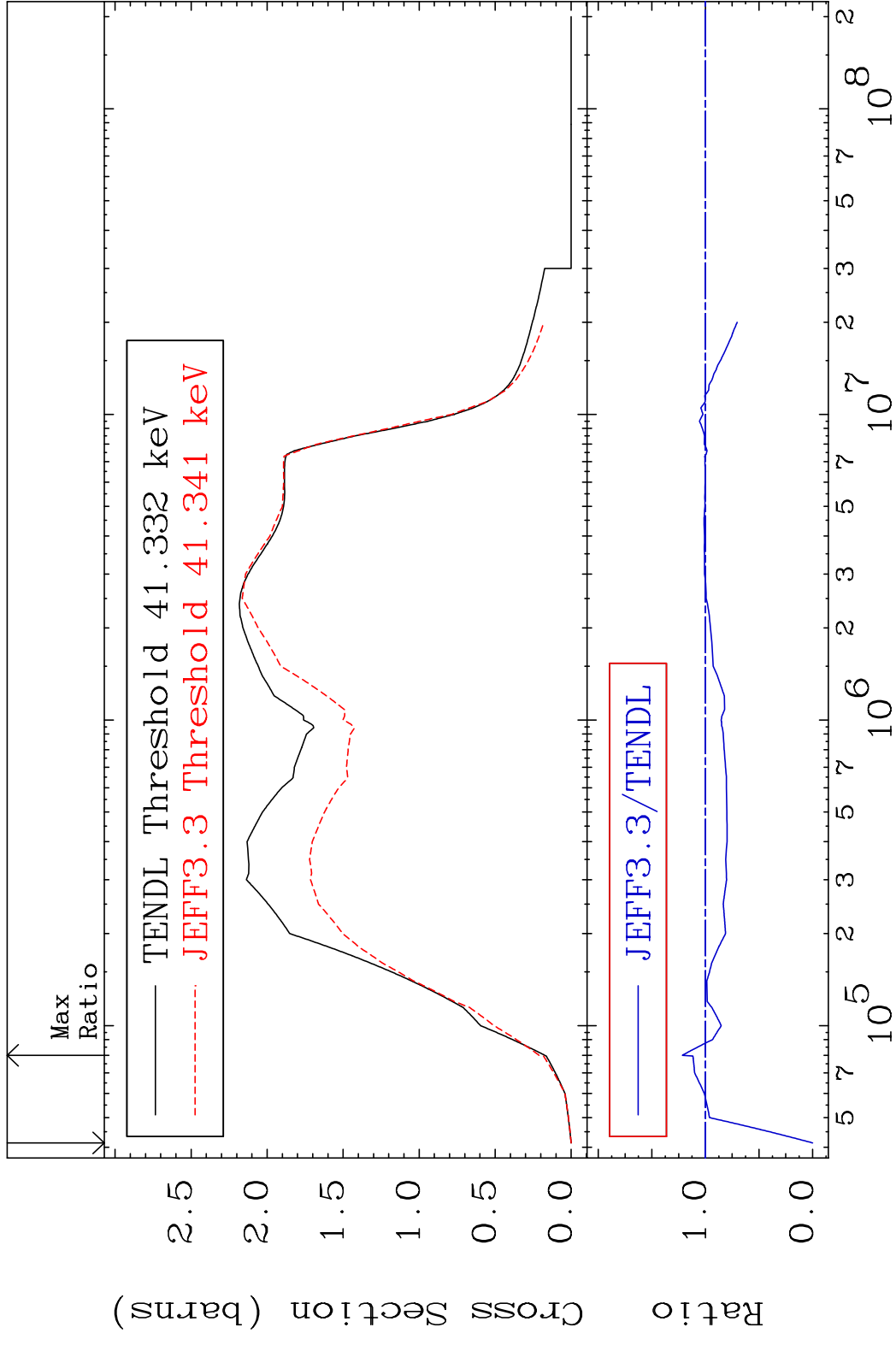
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

Incident Energy (eV)

2

41-Nb-94

MAT 4128 Inelastic 41-Nb-94
 Cross Section -100.0 To 21.54 %

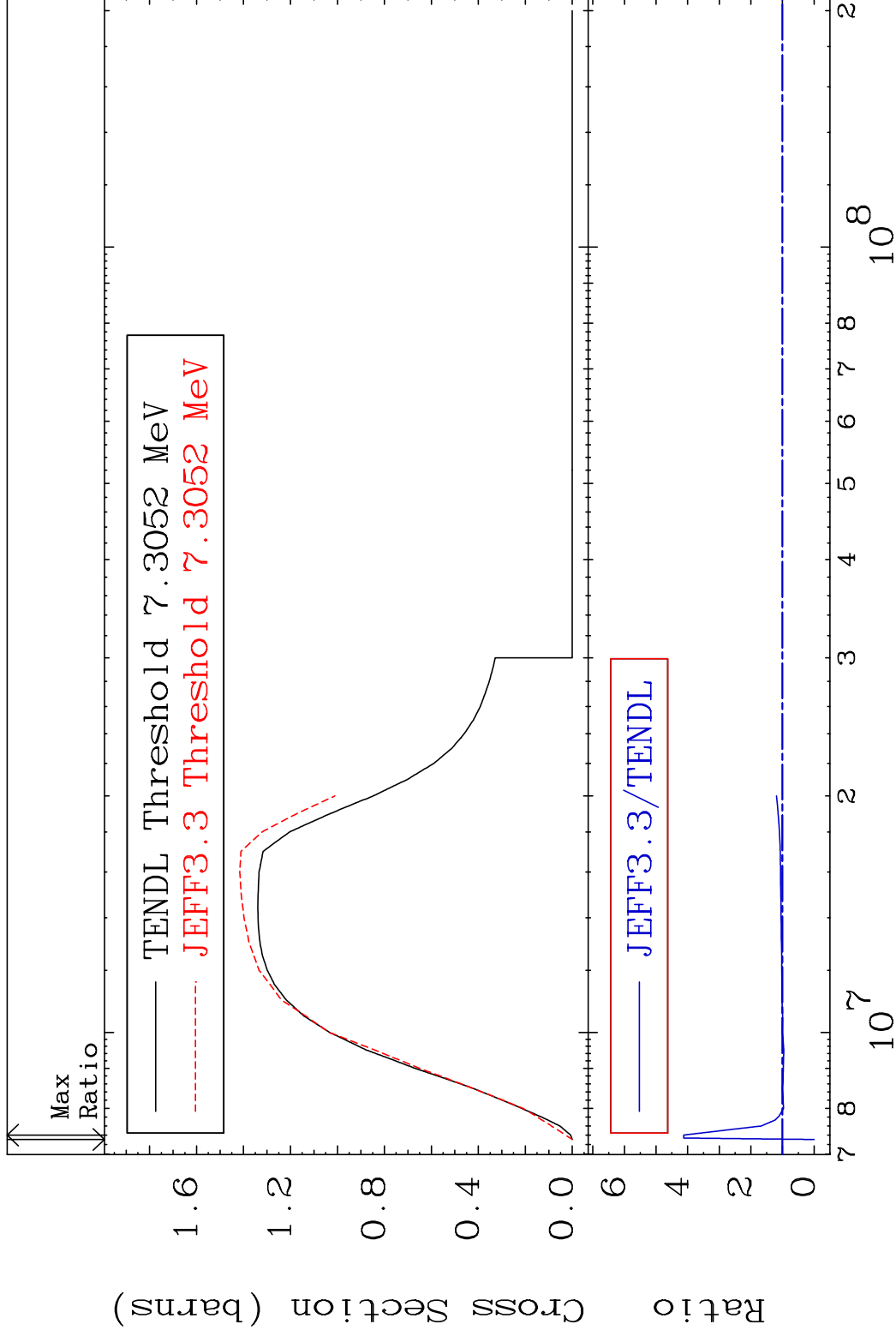


MAT 4128

(n,2n)

41-Nb-94

Cross Section -100.0 To 312.7 %



4

Incident Energy (eV)

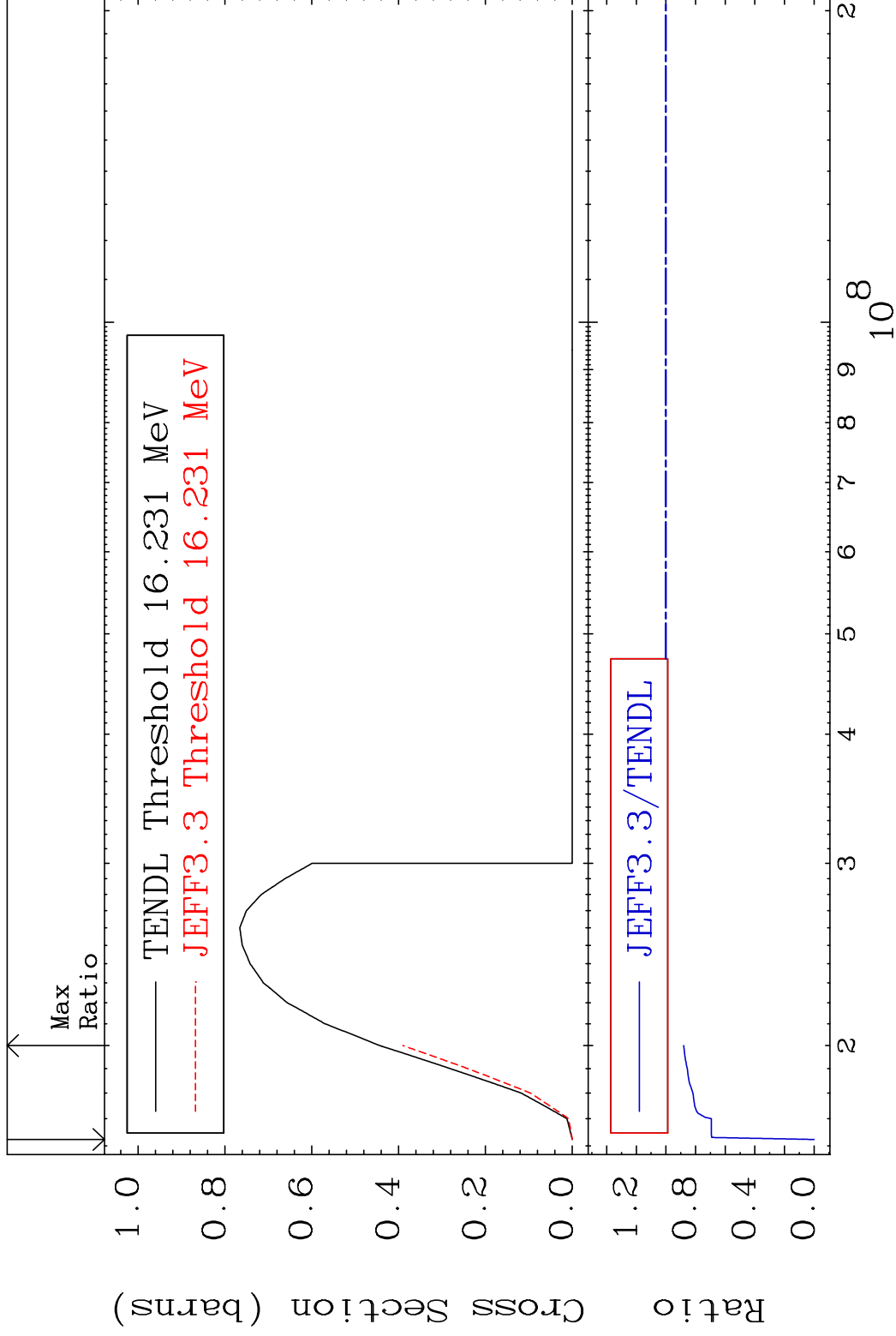
41-Nb-94

MAT 4128

(n,3n)

41-Nb-94

Cross Section -100.0 To -11.96%



5

Incident Energy (eV)

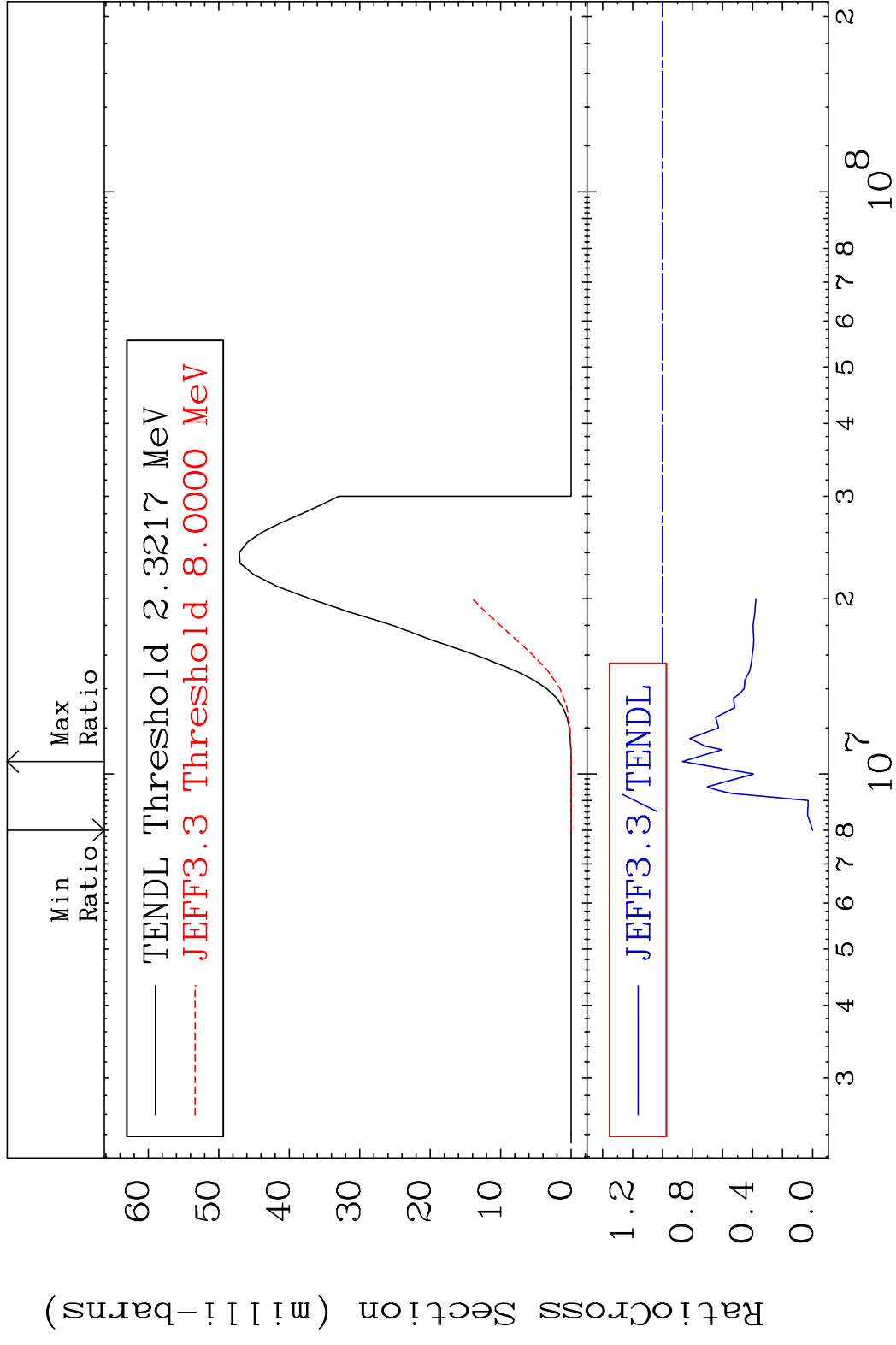
41-Nb-94

MAT 4128

(n, n') α

41-Nb-94

Cross Section -100.0 To -13.19%

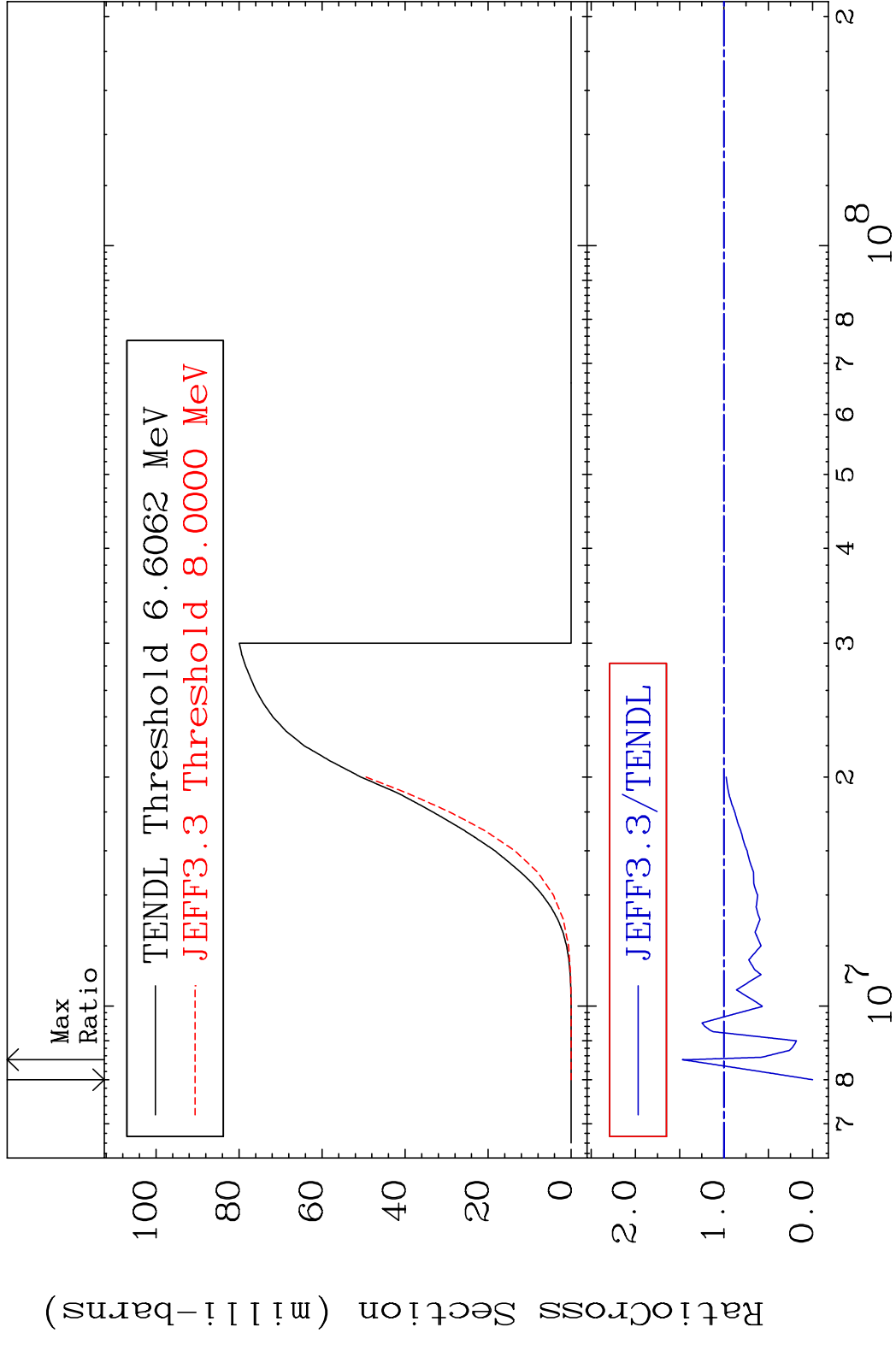


MAT 4128

(n, n') p

41-Nb-94

Cross Section -100.0 To 46.97 %



7

Incident Energy (eV)

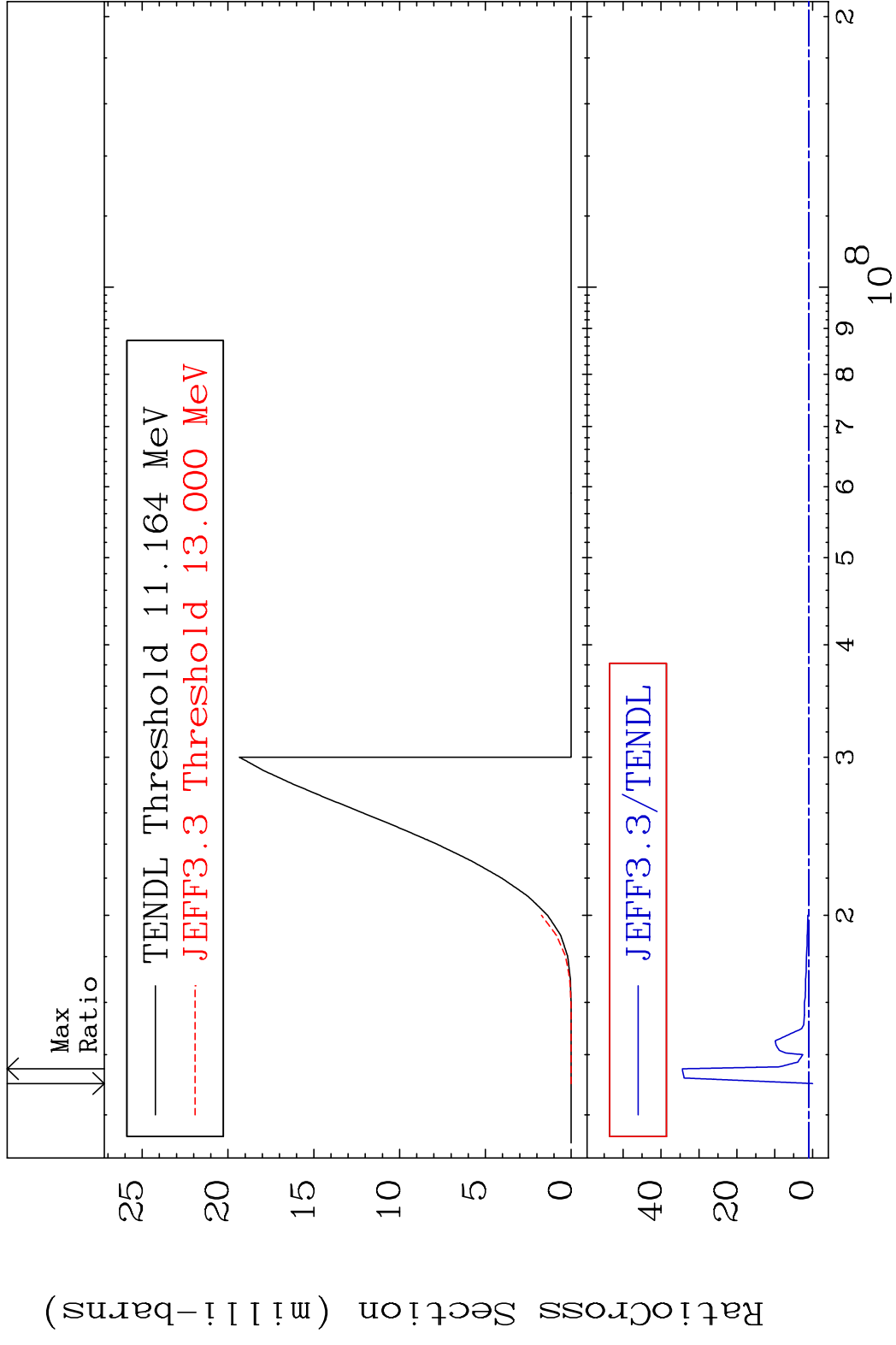
41-Nb-94

MAT 4128

(n, n') d

41-Nb-94

Cross Section -100.0 To 3338. %

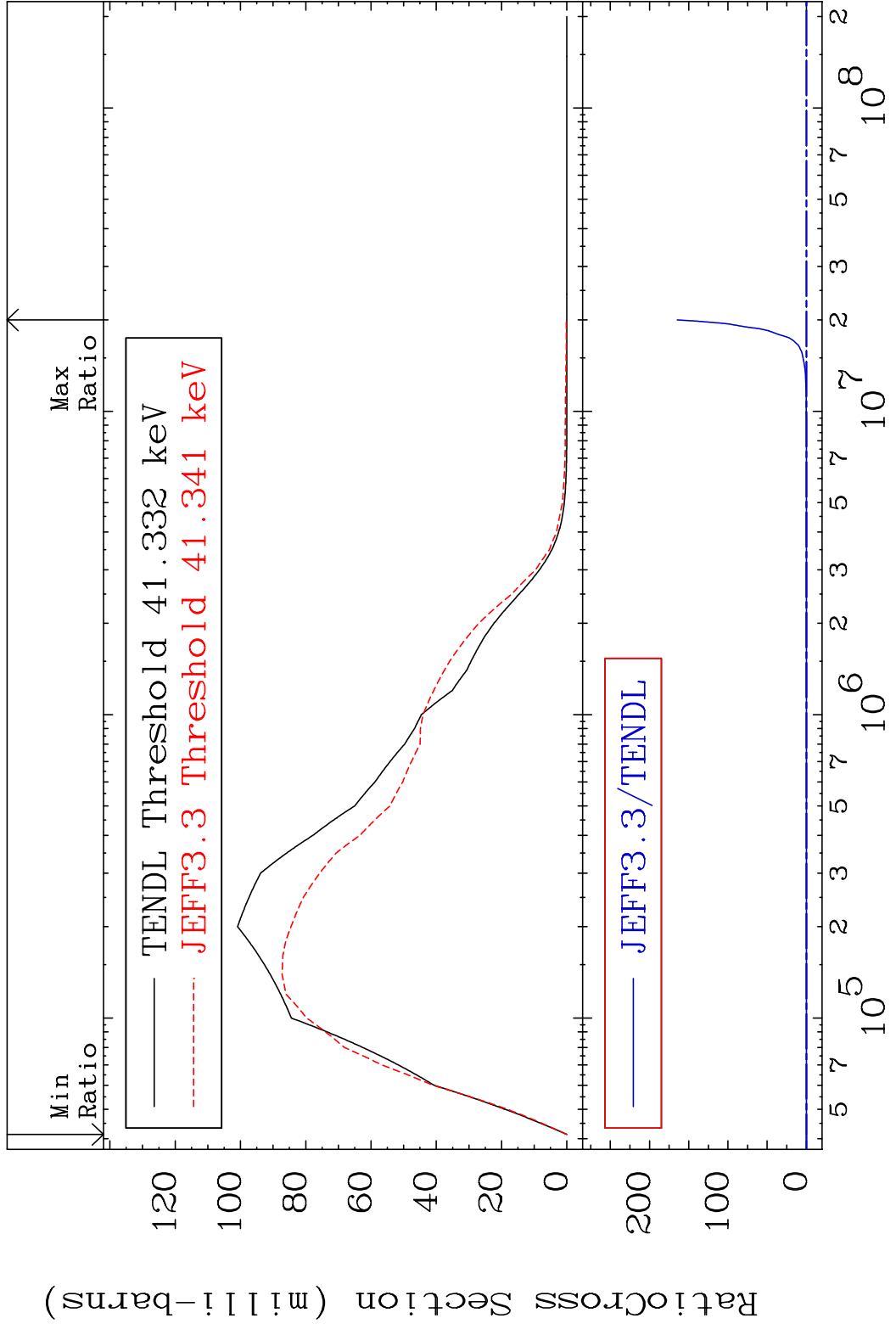


8

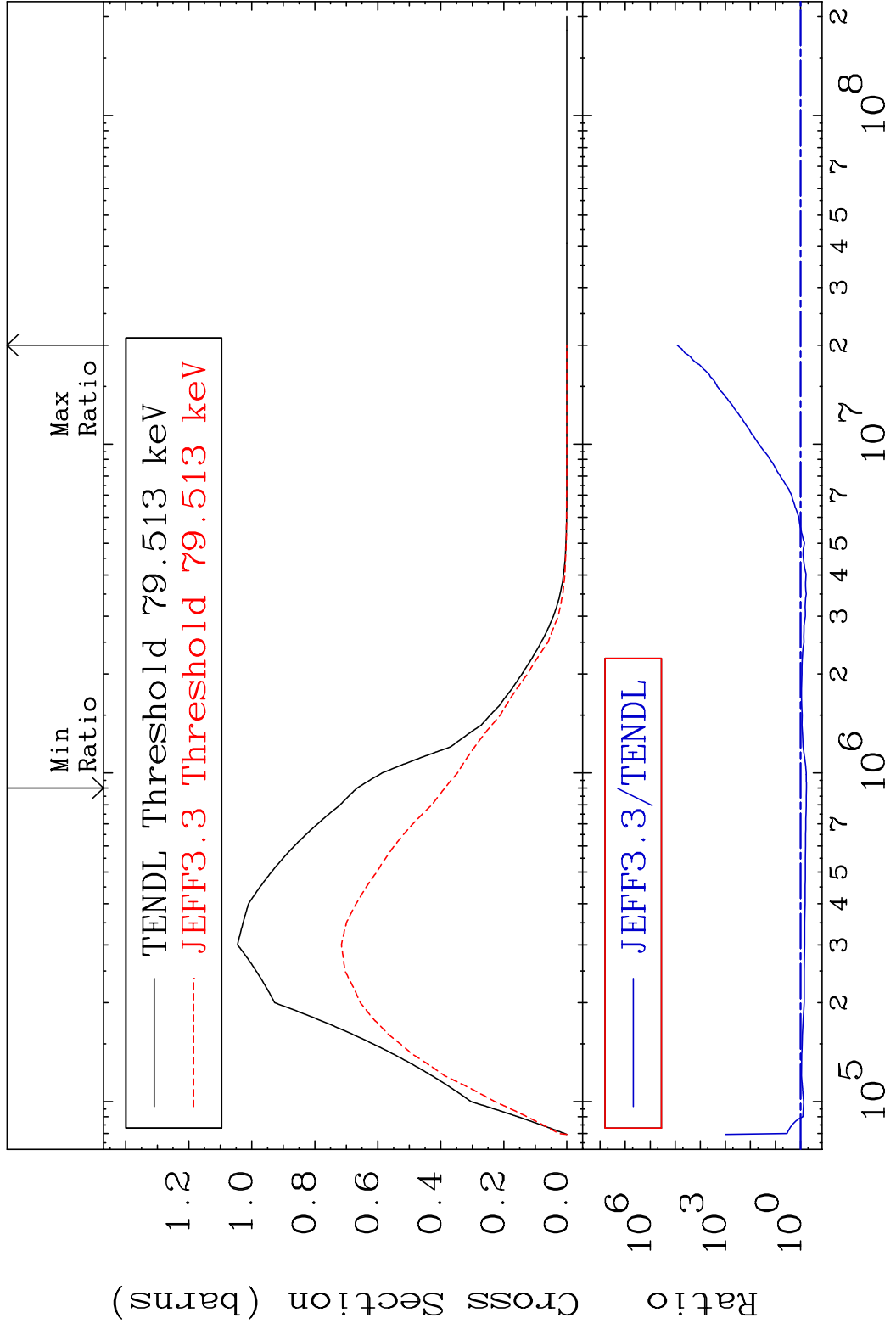
Incident Energy (eV)

41-Nb-94

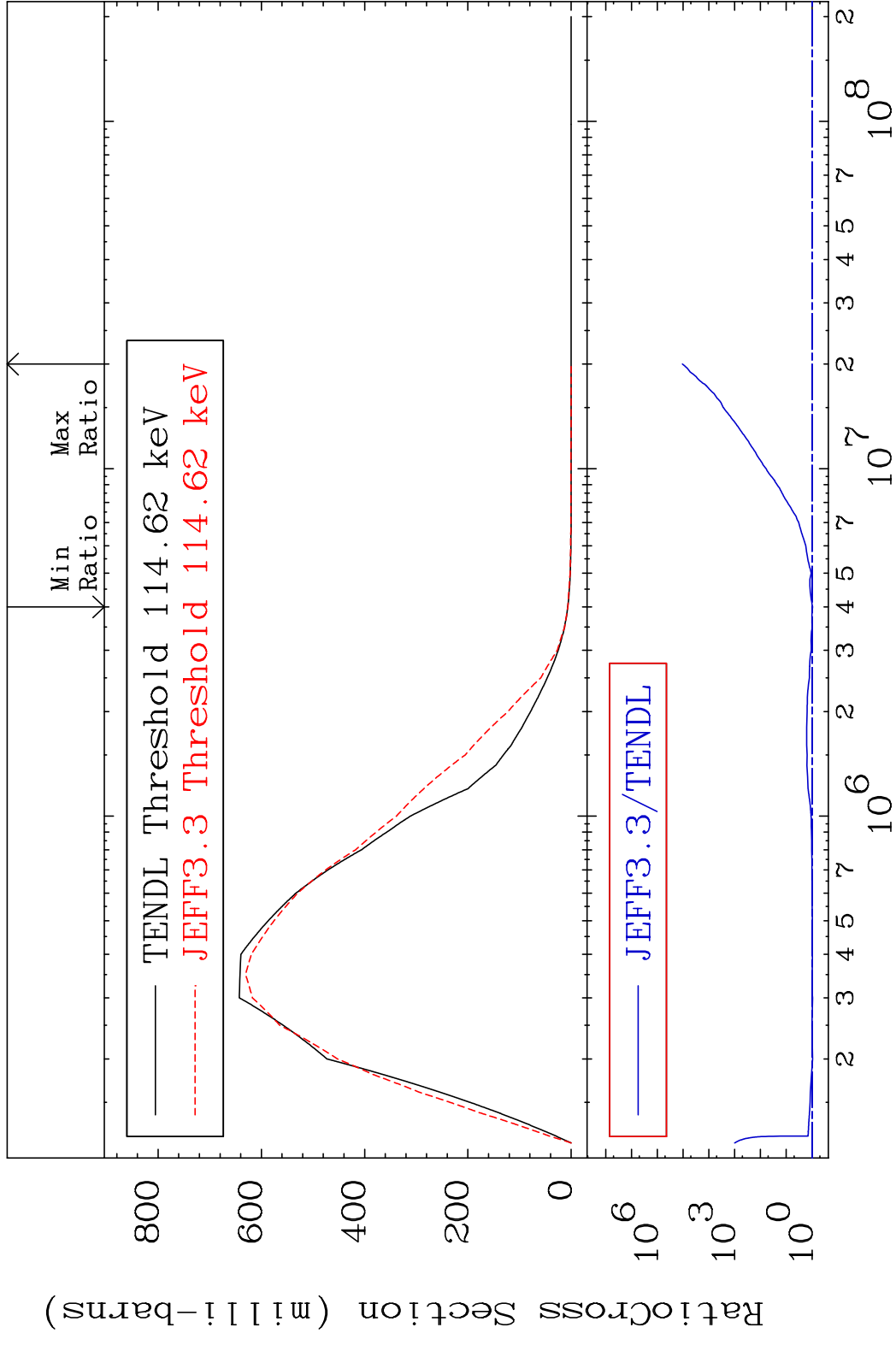
MAT 4128 MT= 51 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



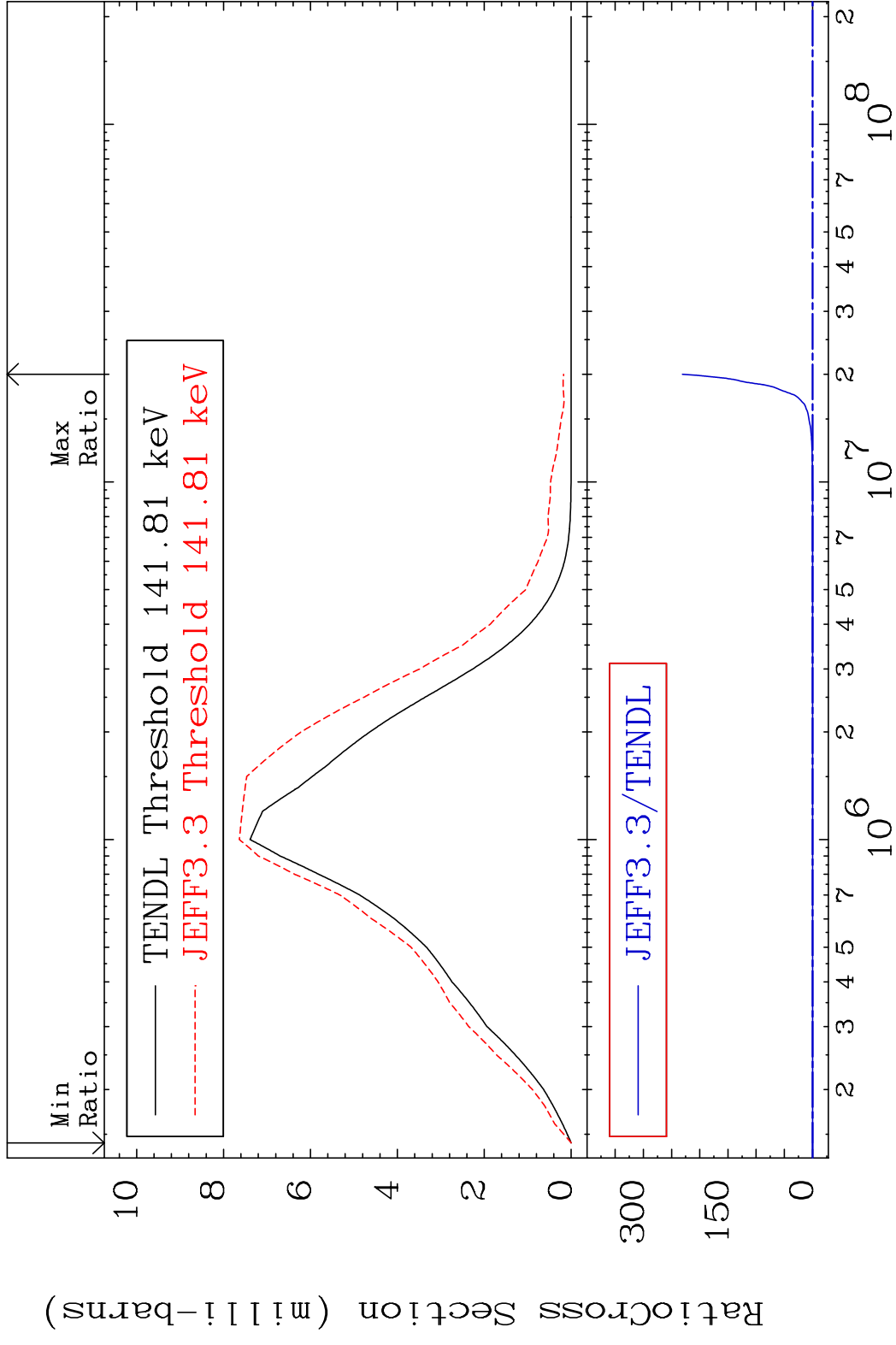
MAT 4128 MT= 53 (n, n') Level 41-Nb-94
 Cross Section -41.82 To 9999. %



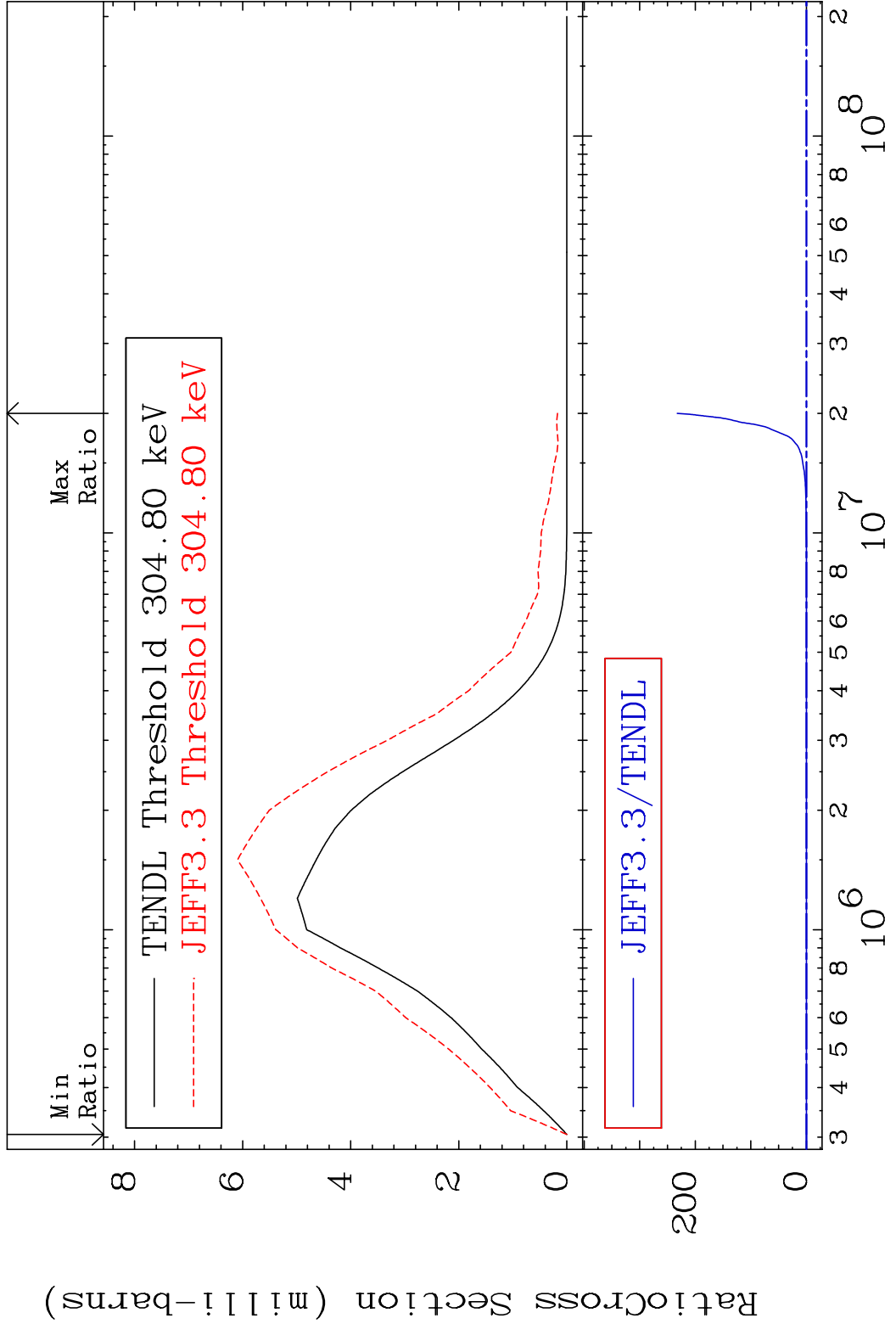
MAT 4128 MT= 54 (n, n') Level 41-Nb-94
 Cross Section -4.360 To 9999. %



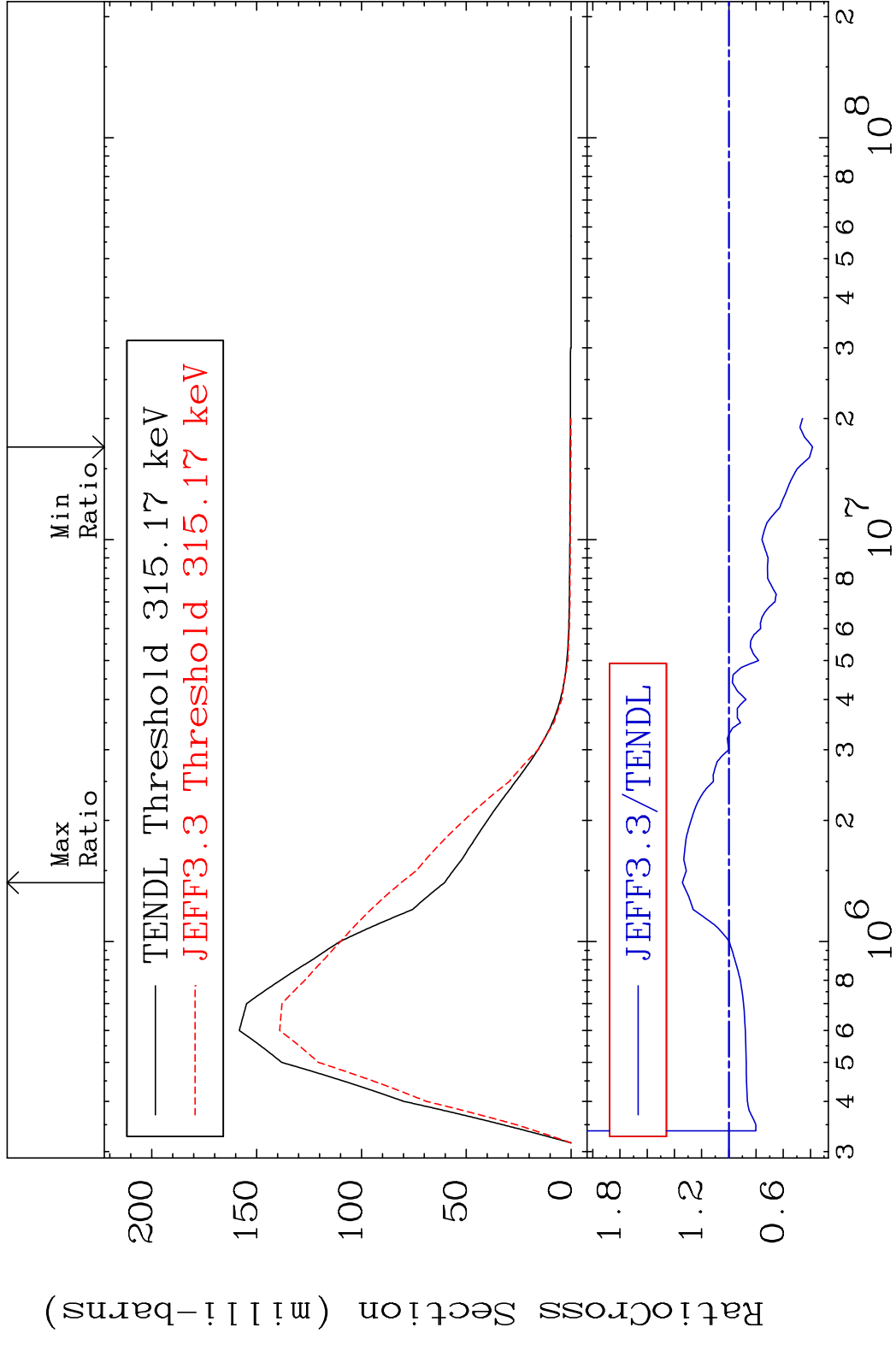
MAT 4128 MT= 55 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



MAT 4128 MT= 56 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

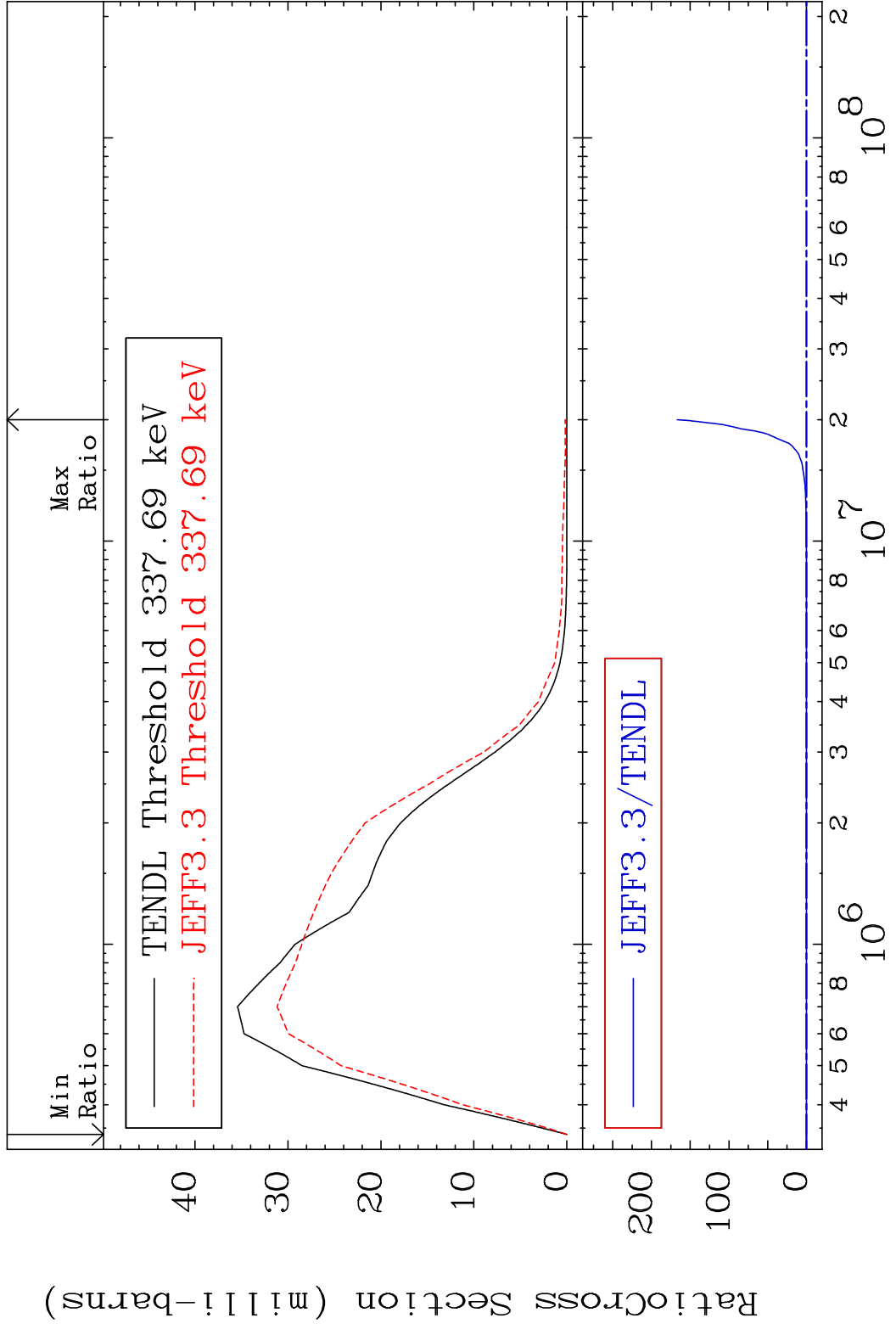


MAT 4128 MT= 57 (n, n') Level 41-Nb-94
 Cross Section -61.52 To 34.15 %

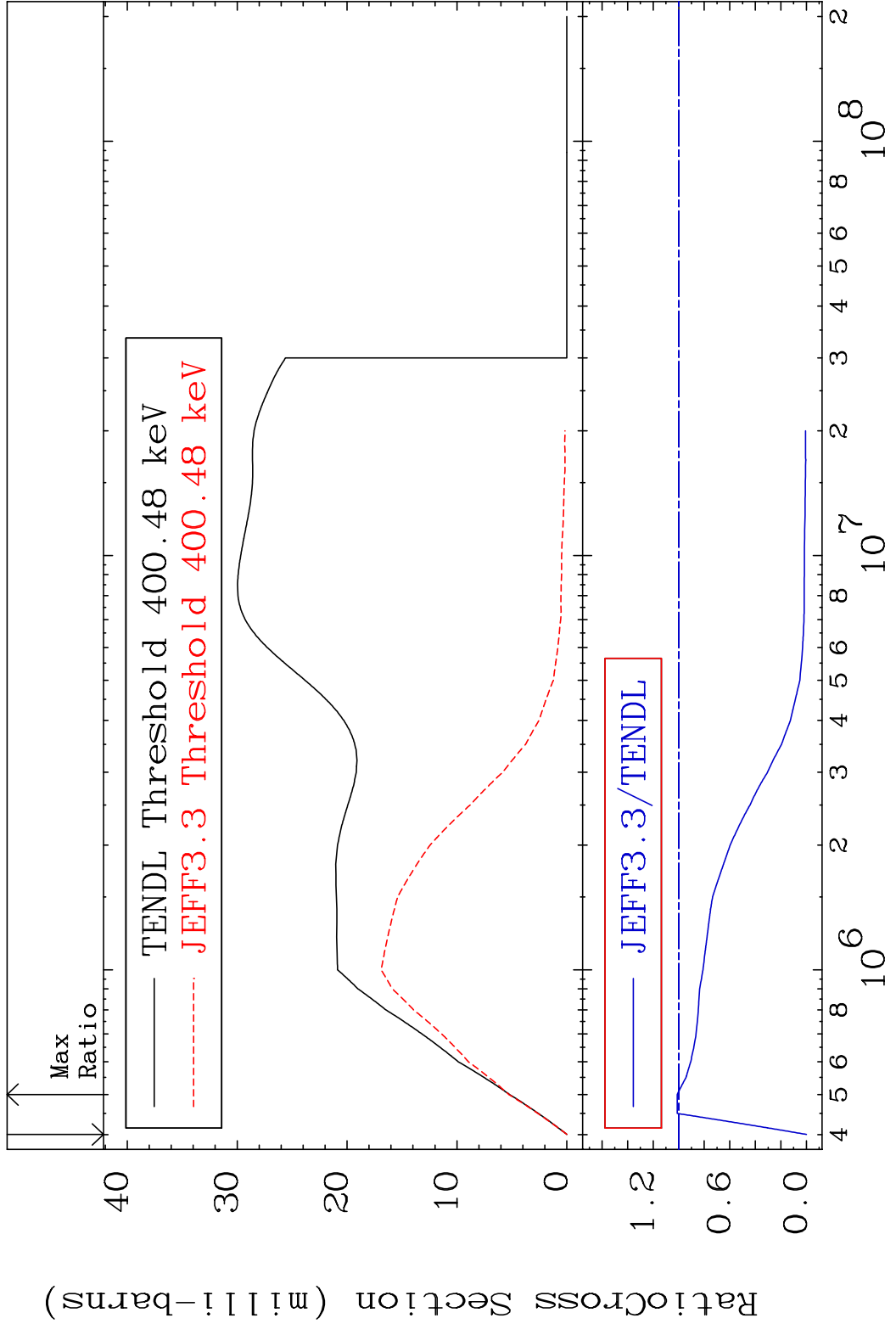


15 Incident Energy (eV) 41-Nb-94

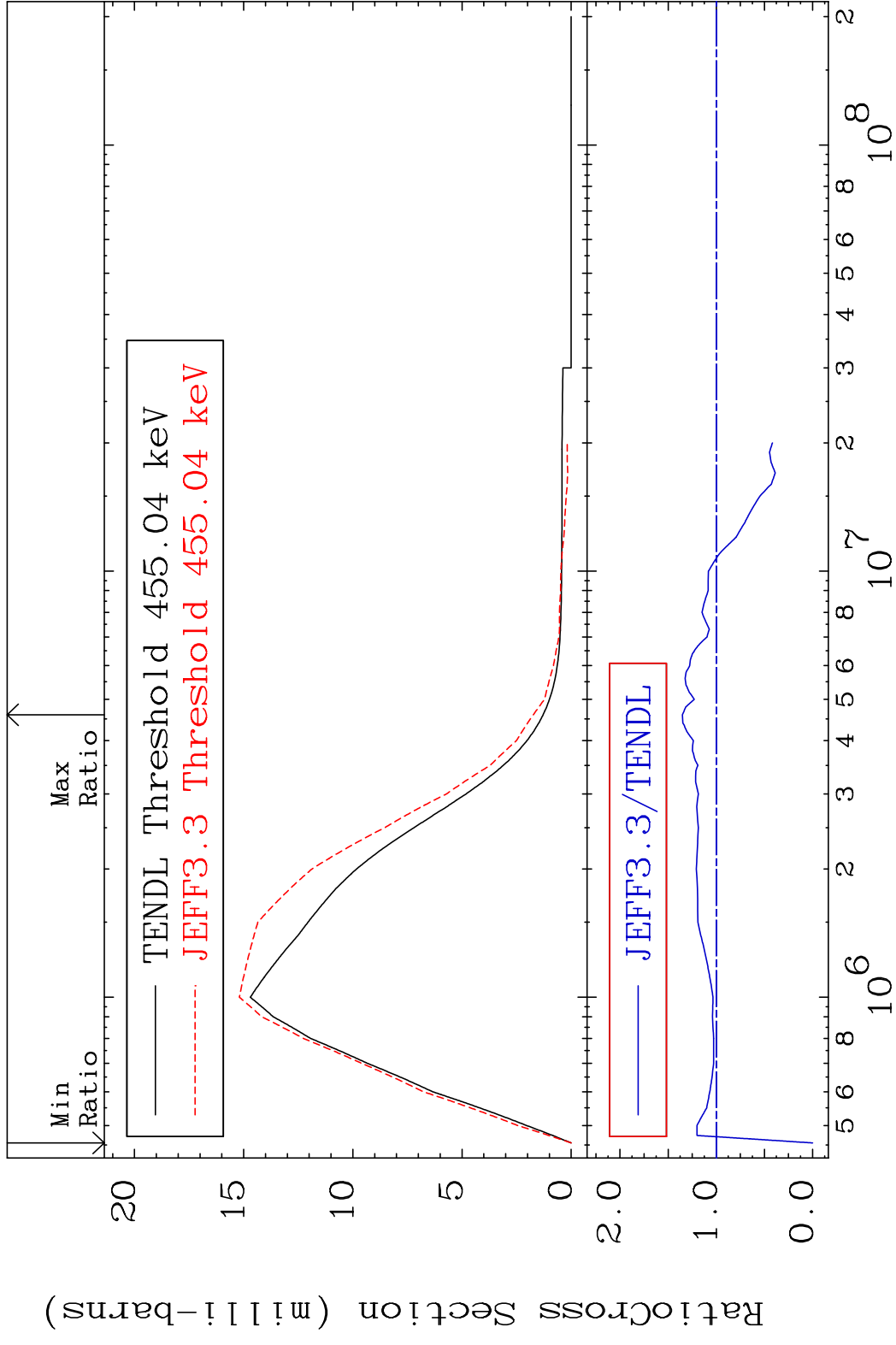
MAT 4128 MT= 58 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



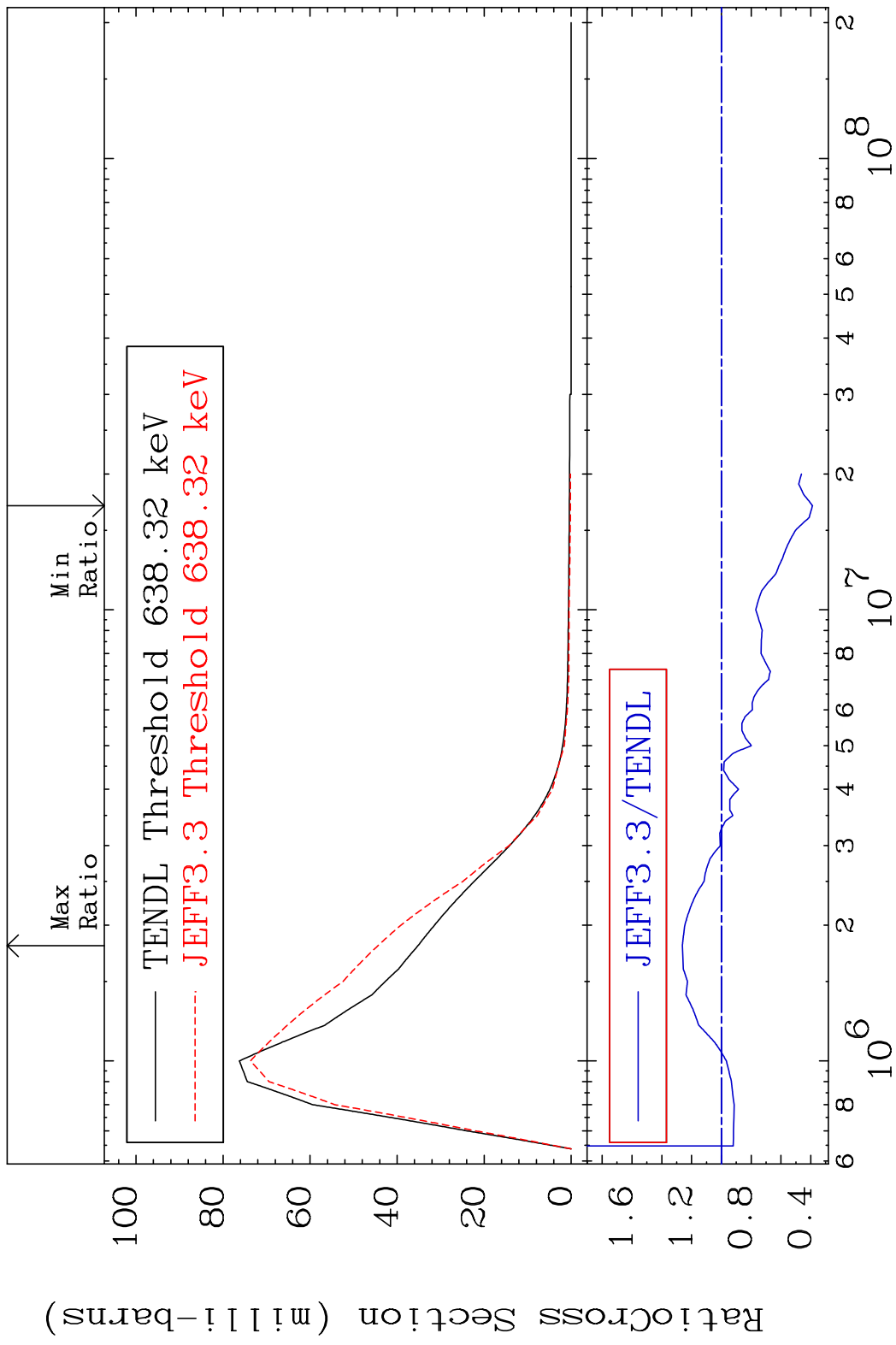
MAT 4128 MT= 59 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 1.193 %



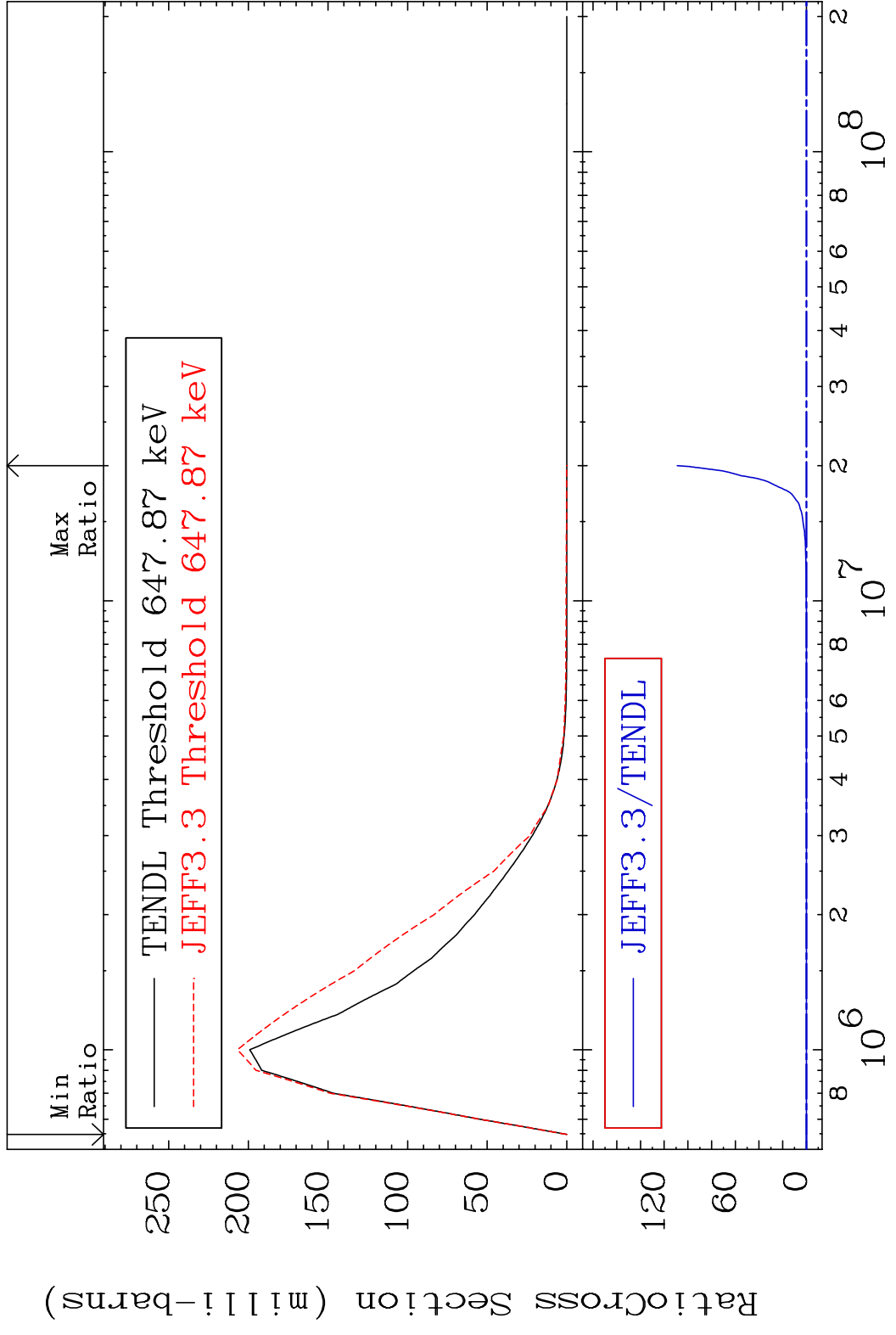
MAT 4128 MT= 60 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 35.25 %



MAT 4128 MT= 61 (n, n') Level 41-Nb-94
 Cross Section -61.17 To 26.18 %

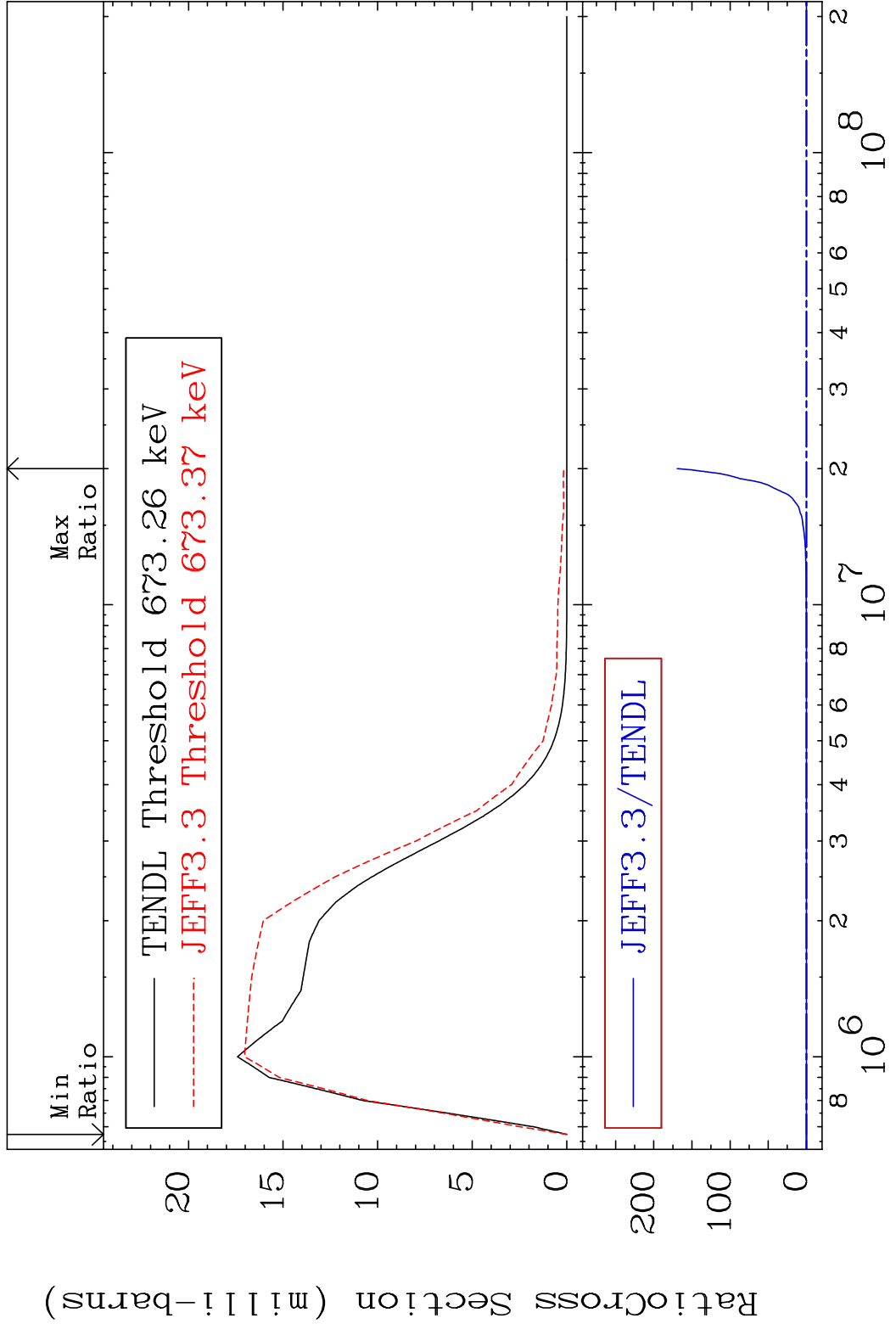


MAT 4128 MT= 62 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

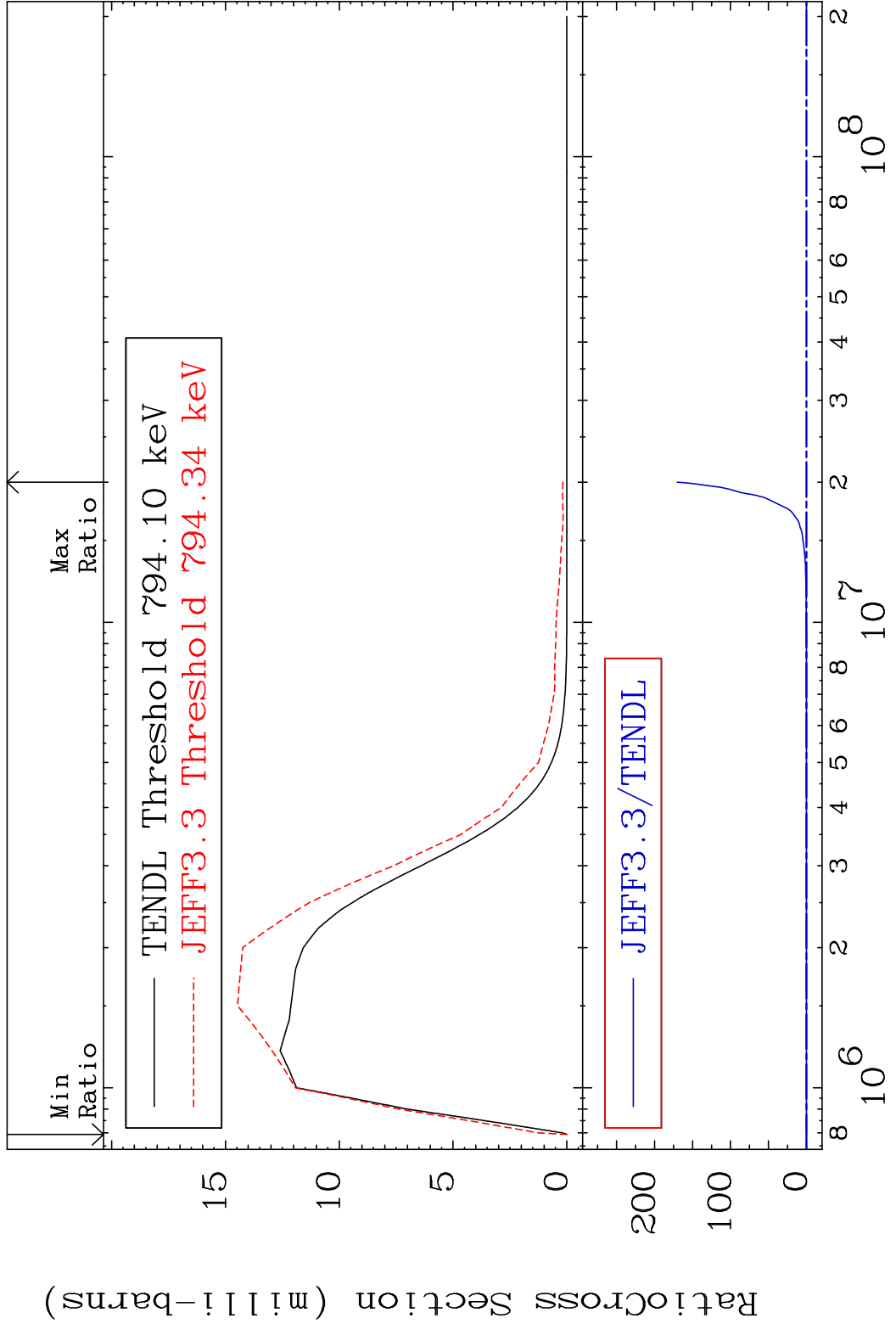


20 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 63 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



MAT 4128 MT= 64 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



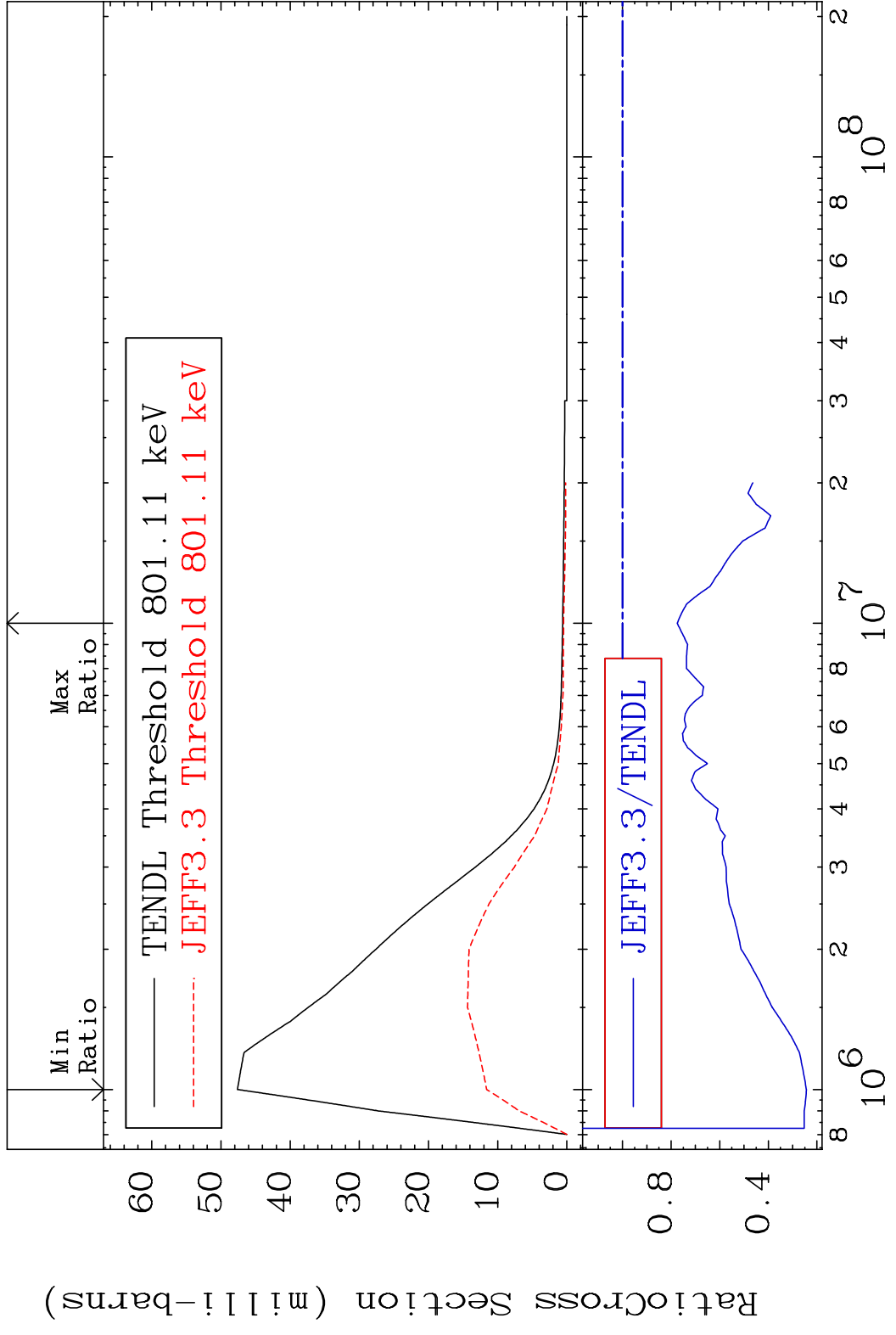
22 41-Nb-94

MAT 4128

MT= 65 (n, n') Level

41-Nb-94

Cross Section -75.66 To -22.51%

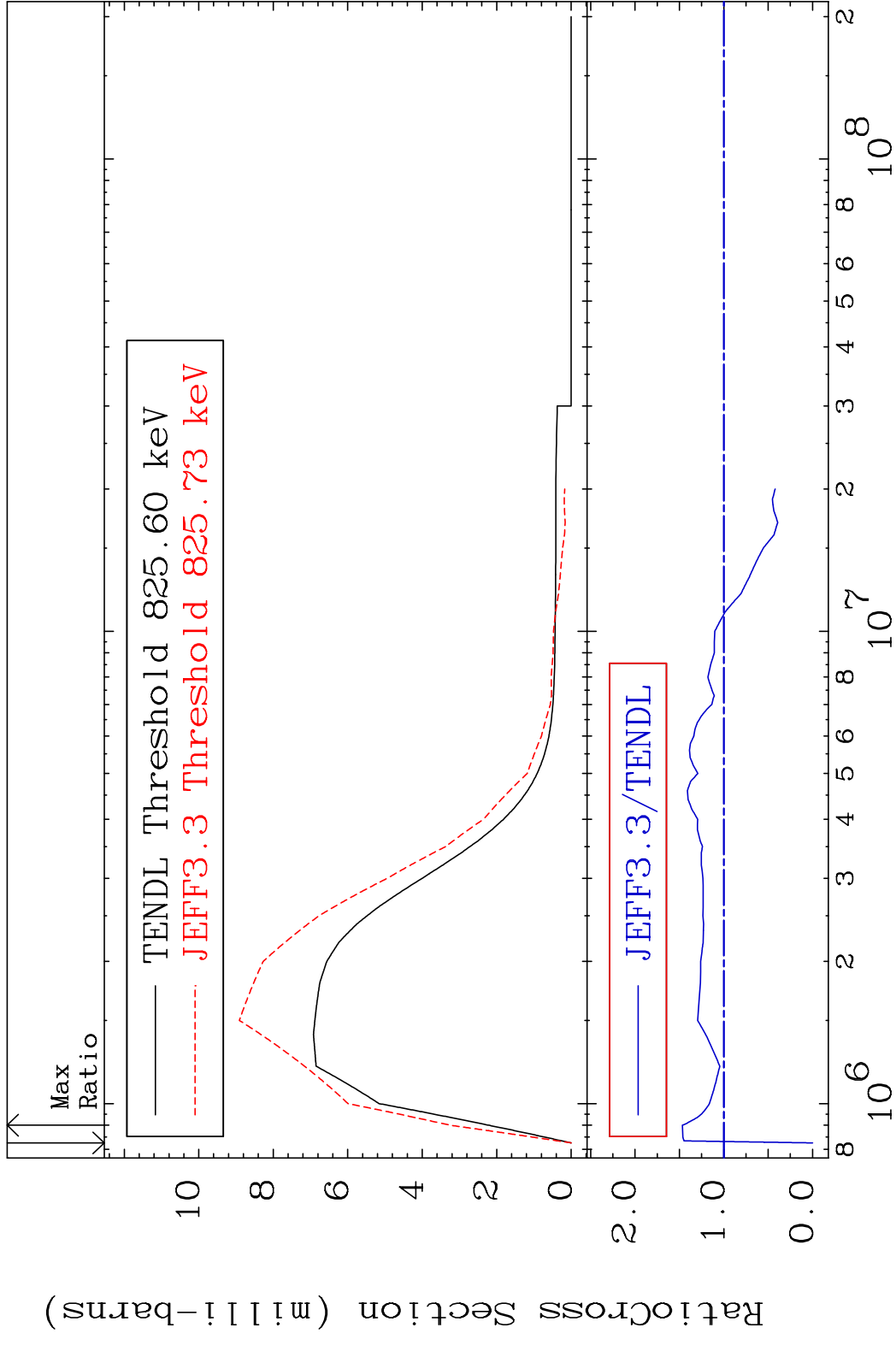


23

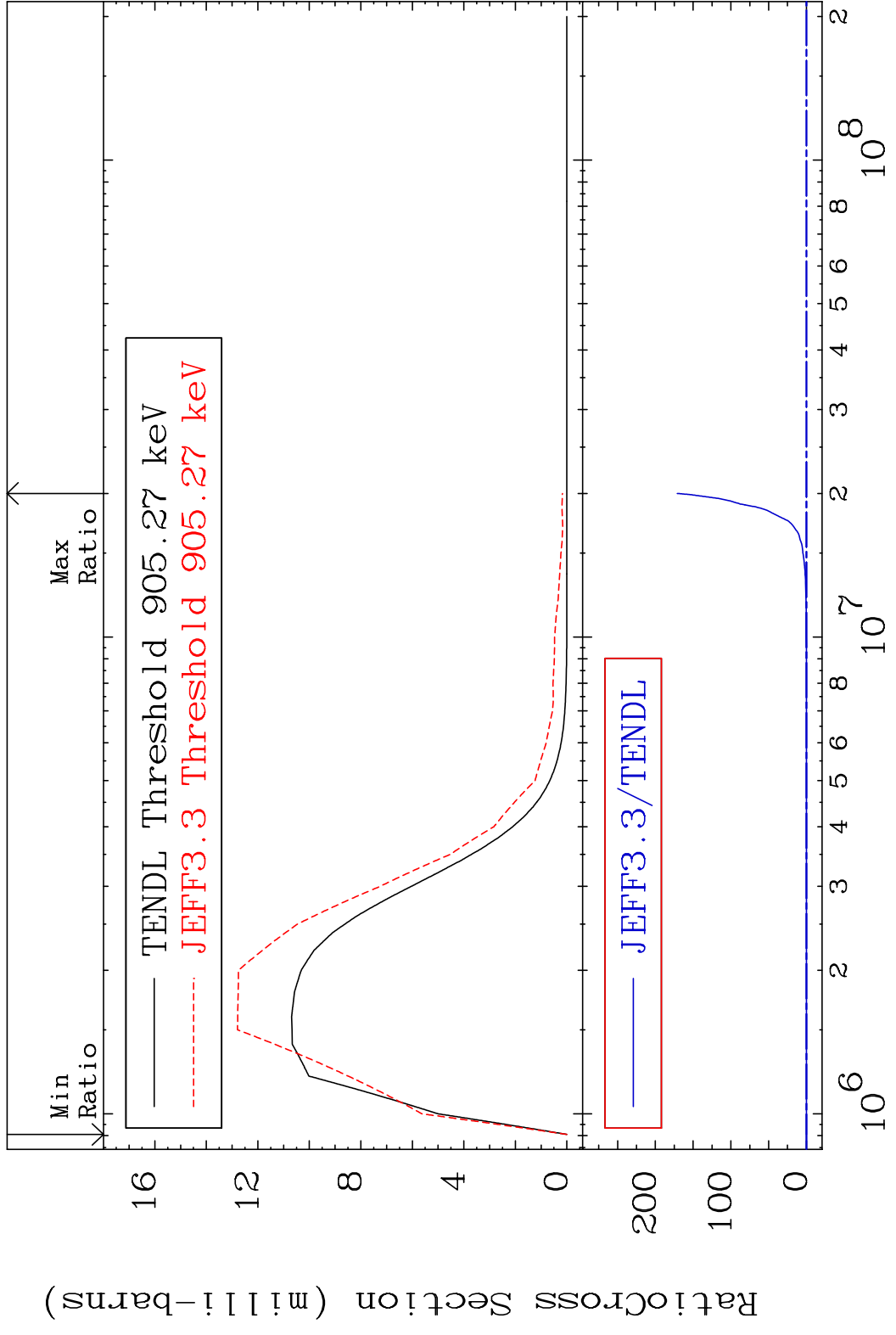
Incident Energy (eV)

41-Nb-94

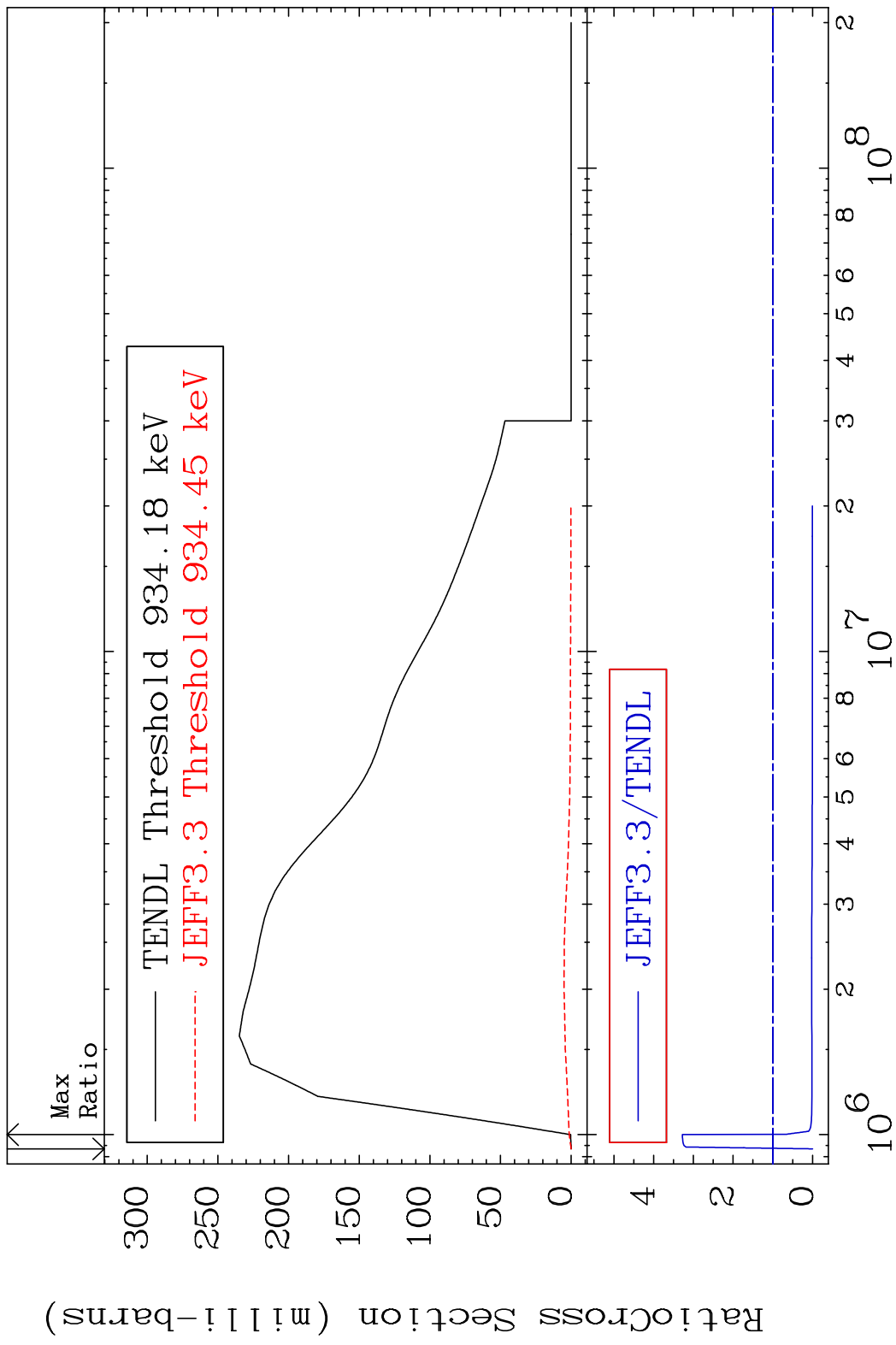
MAT 4128 MT= 66 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 46.67 %



MAT 4128 MT= 67 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

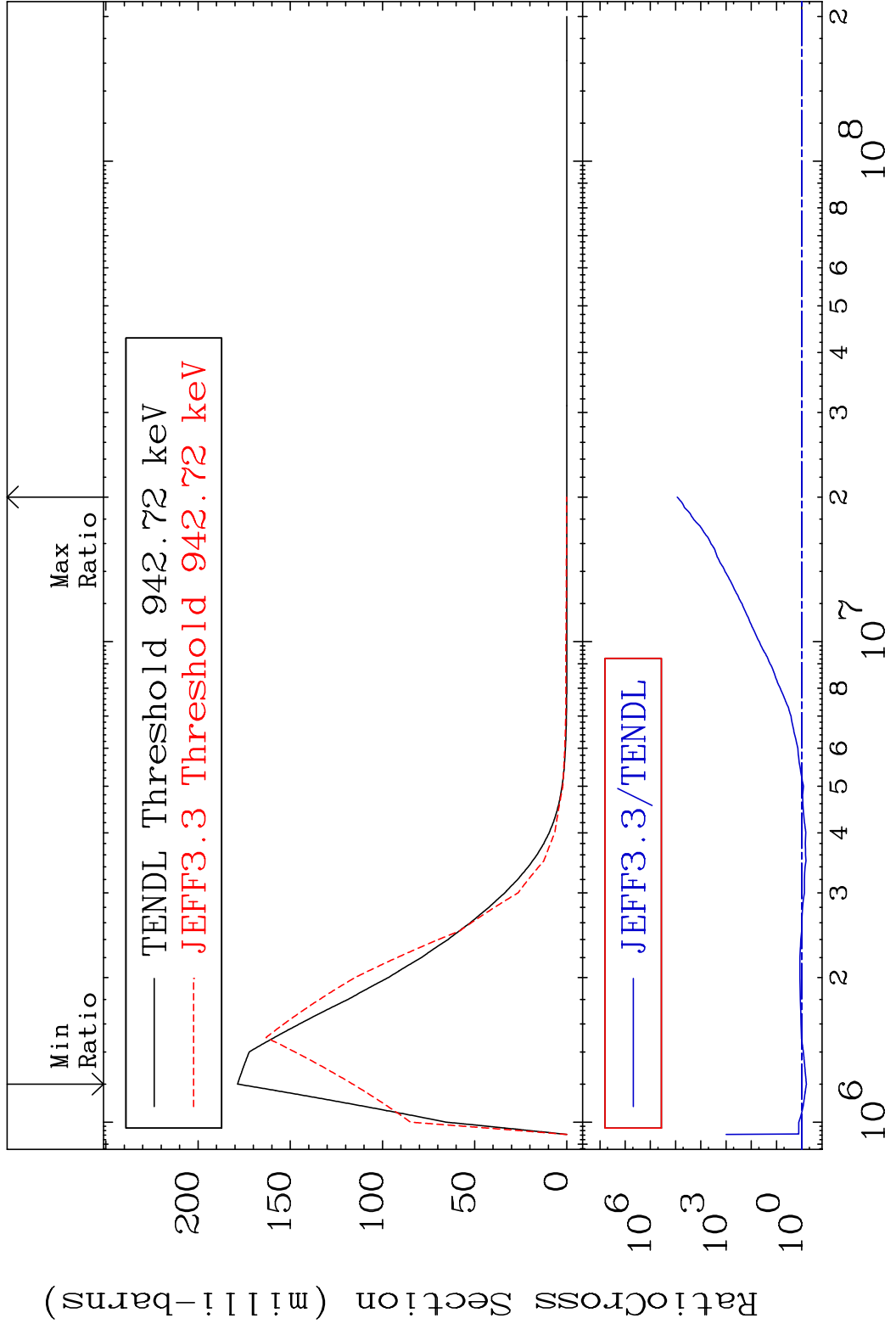


MAT 4128 MT= 68 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 227.7 %



26 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 69 (n, n') Level 41-Nb-94
 Cross Section -34.96 To 9999. %



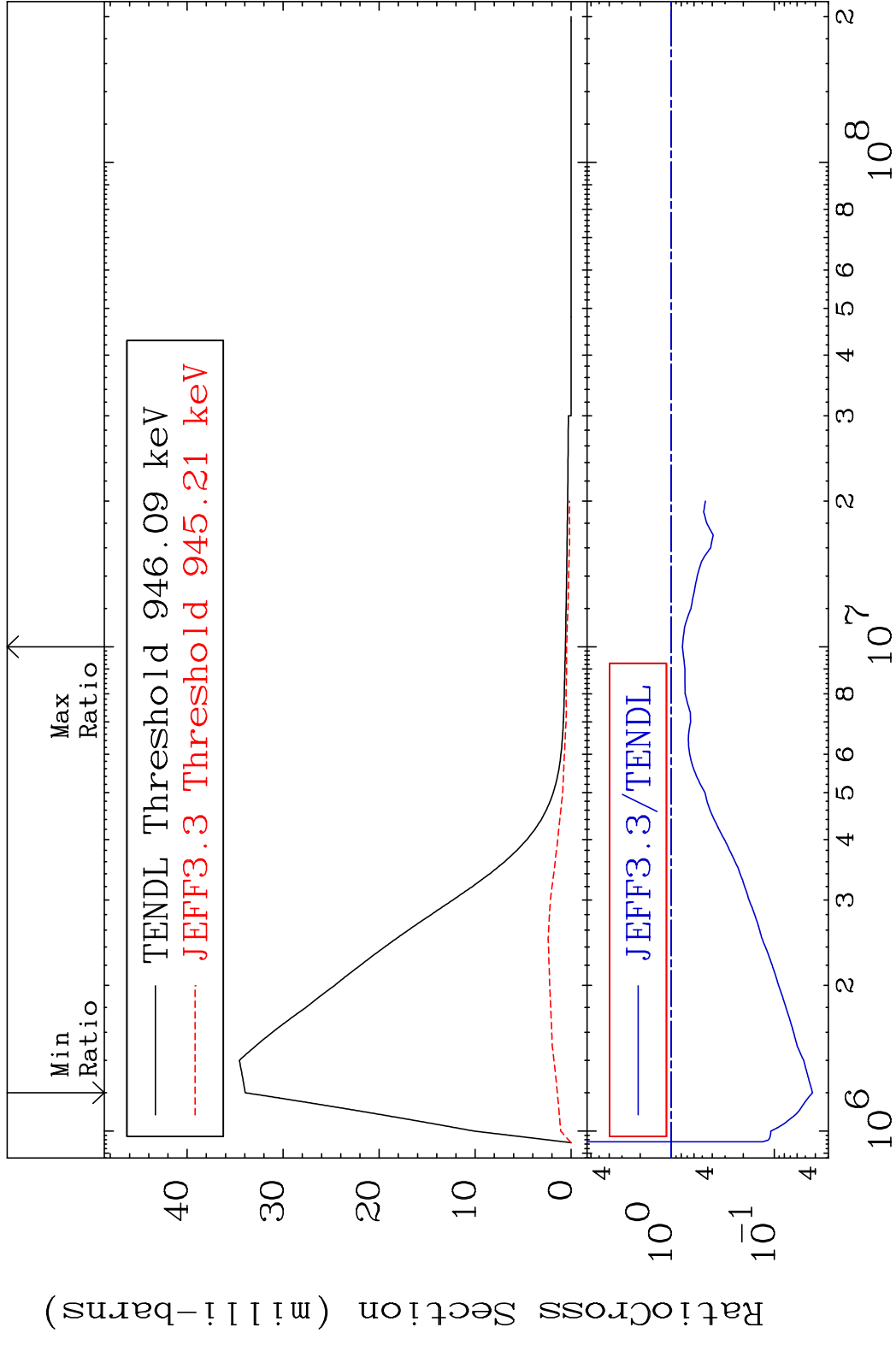
27 Incident Energy (eV) 41-Nb-94

MAT 4128

MT= 70 (n, n') Level

41-Nb-94

Cross Section -95.75 To -22.00%

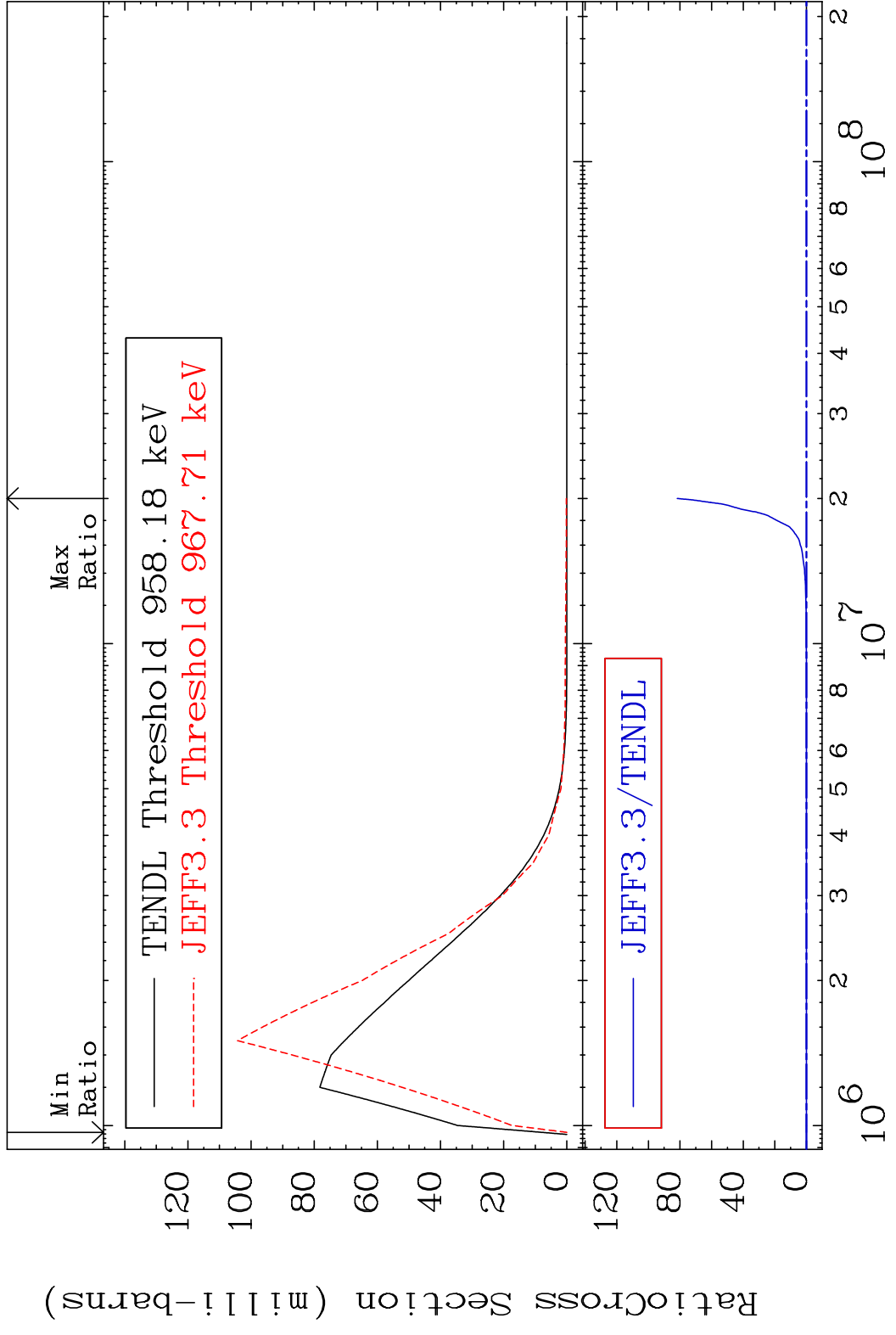


28

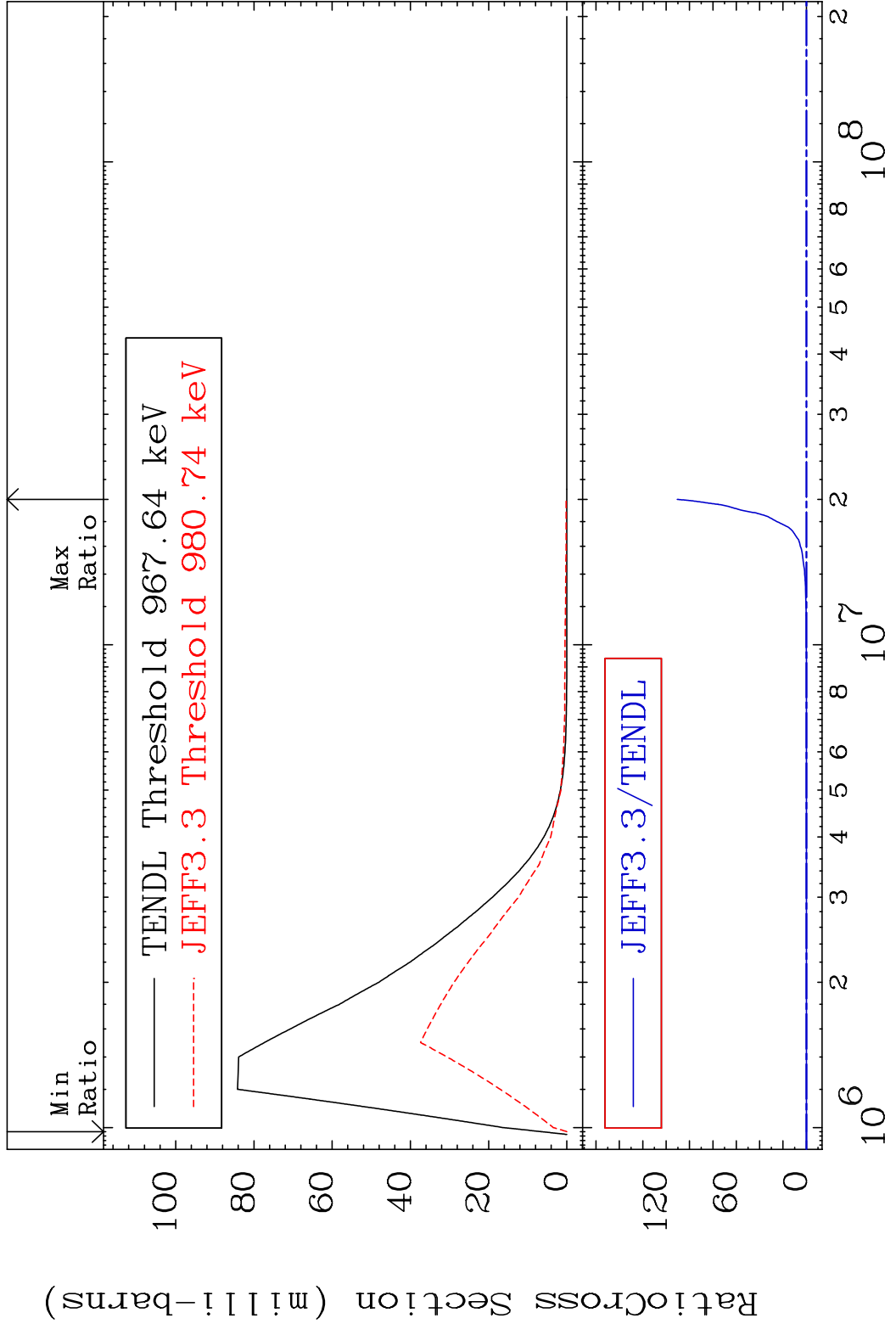
Incident Energy (eV)

41-Nb-94

MAT 4128 MT= 71 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

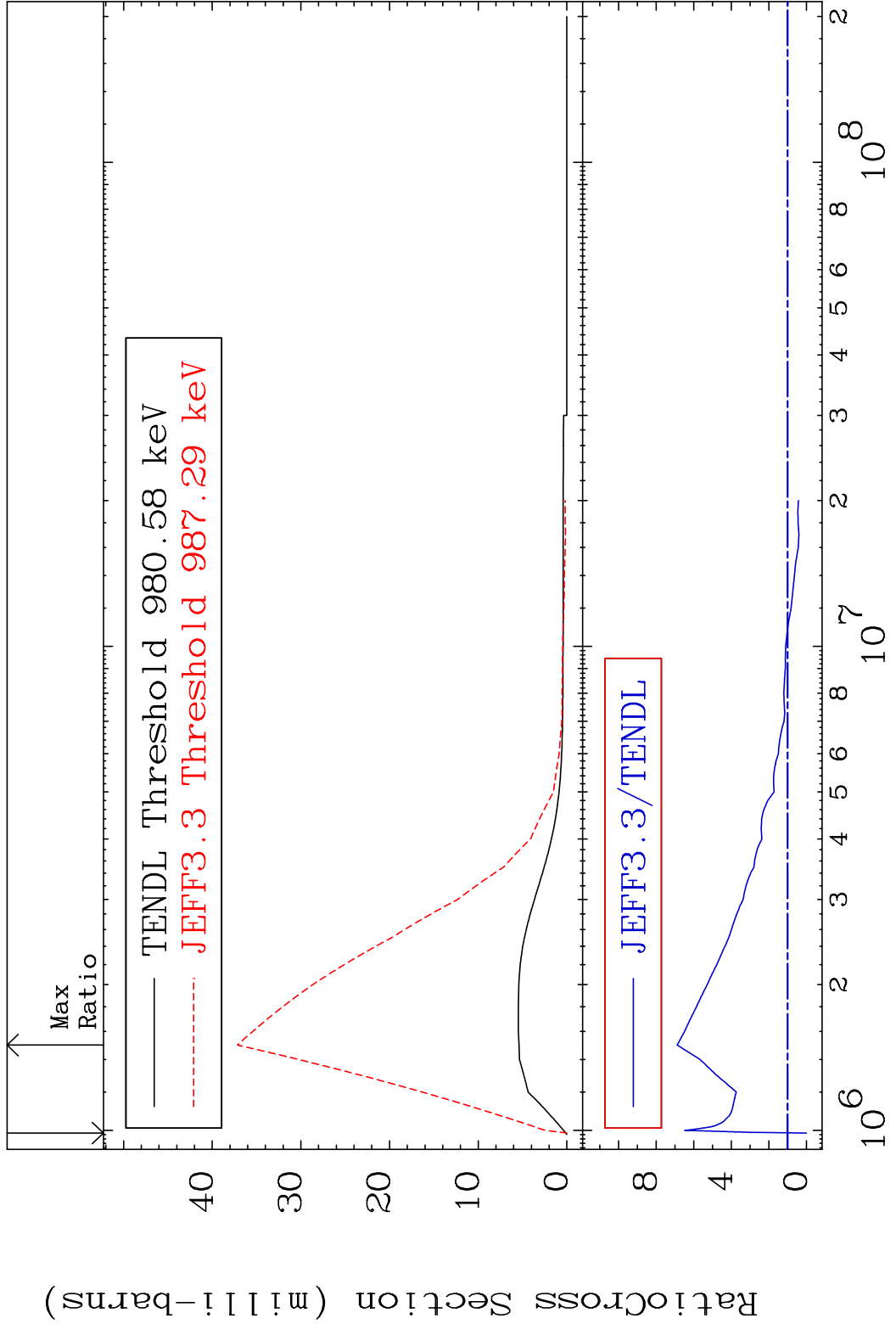


MAT 4128 MT= 72 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %

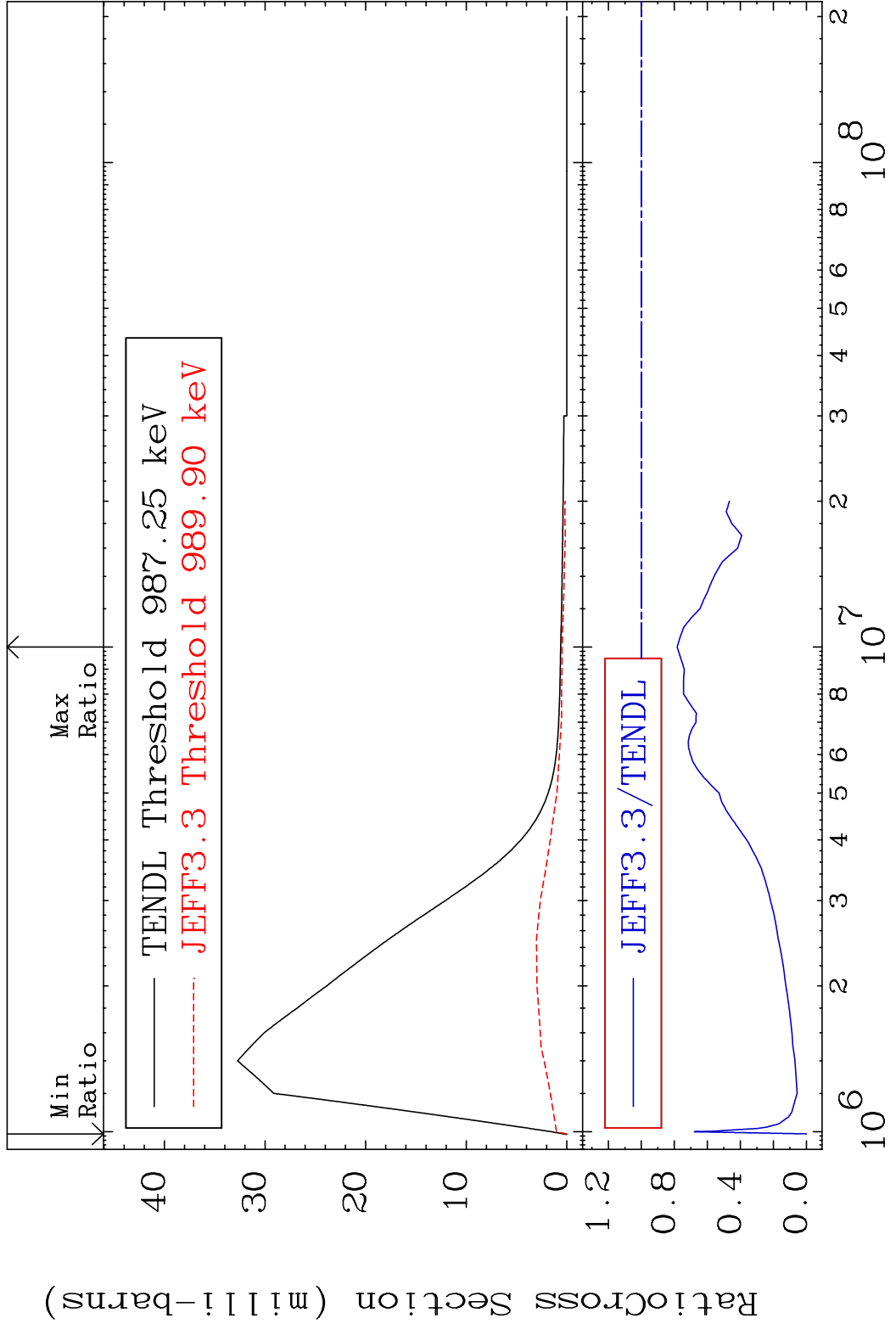


30 Incident Energy (eV) 41-Nb-94

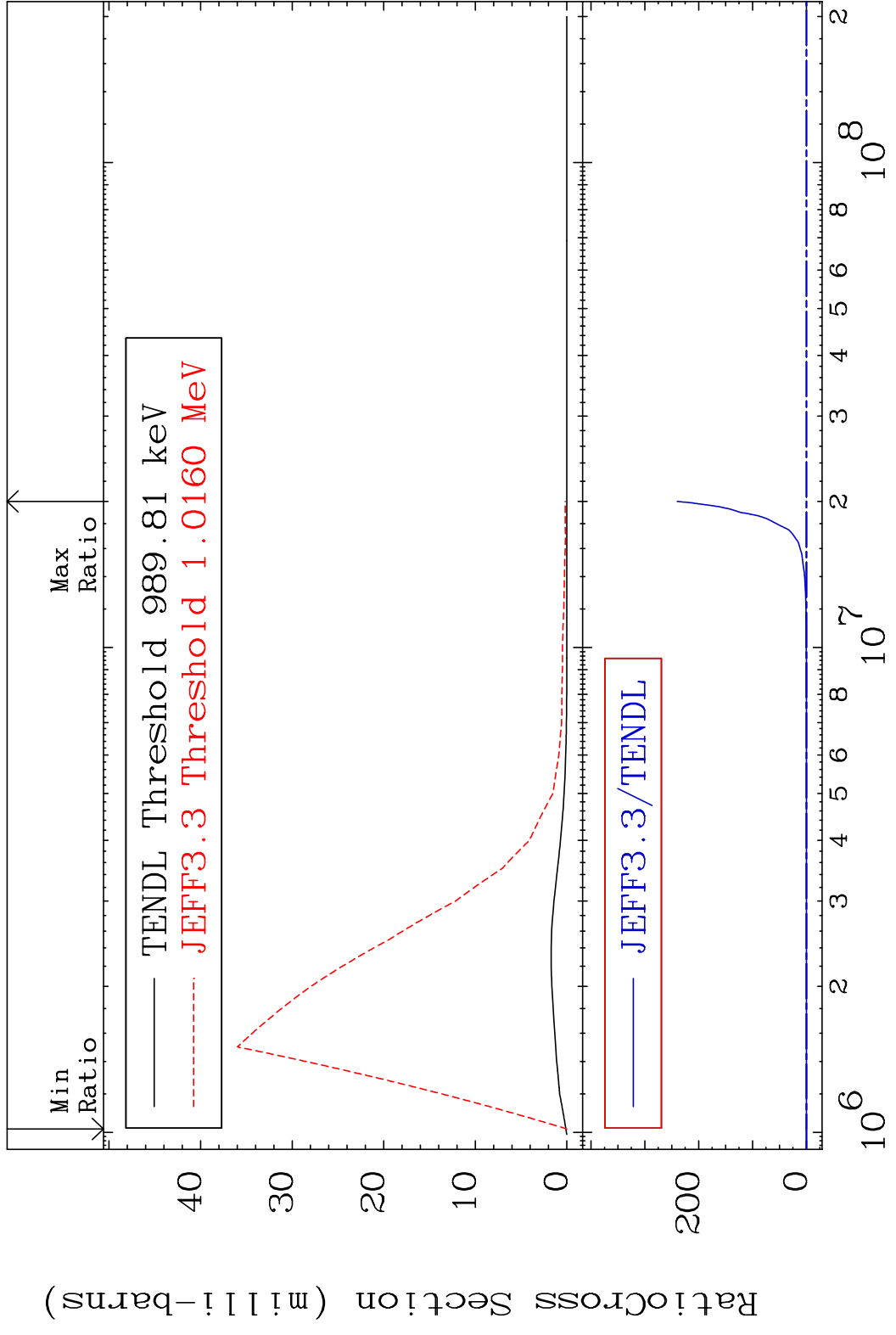
MAT 4128 MT= 73 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 587.8 %



MAT 4128 MT= 74 (n, n') Level 41-Nb-94
 Cross Section -100.0 To -21.71%

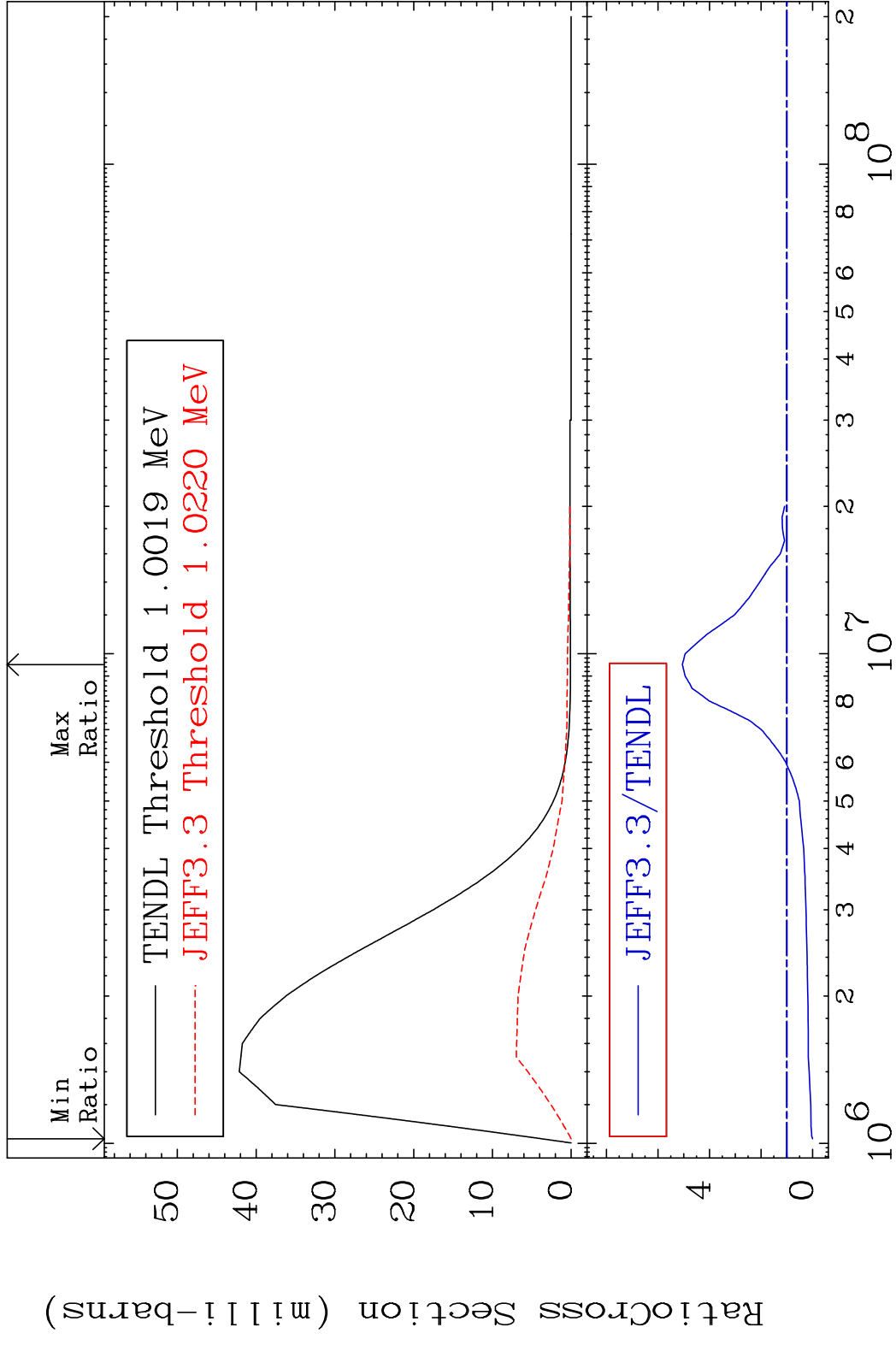


MAT 4128 MT= 75 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



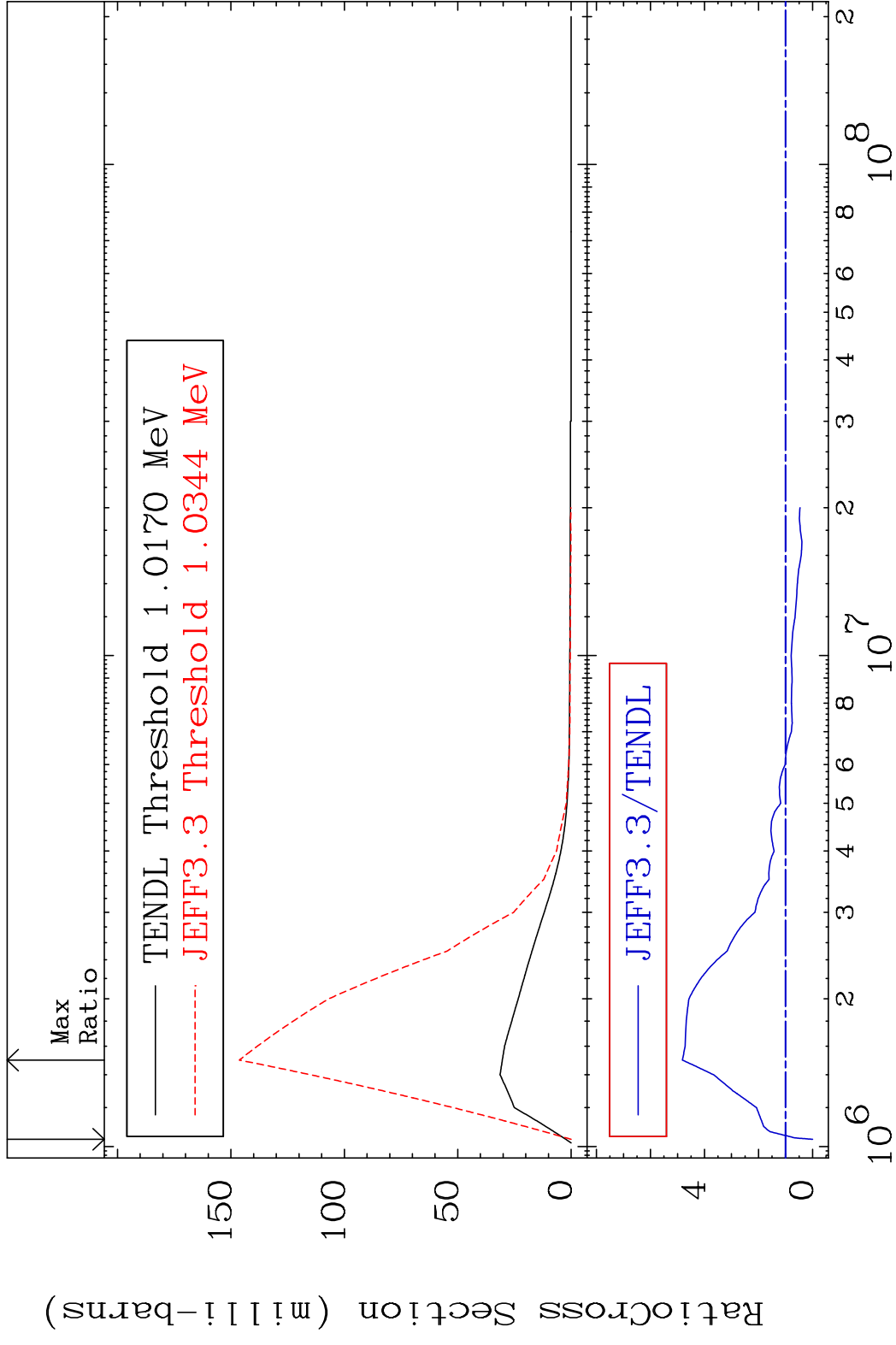
33 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 76 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 405.3 %



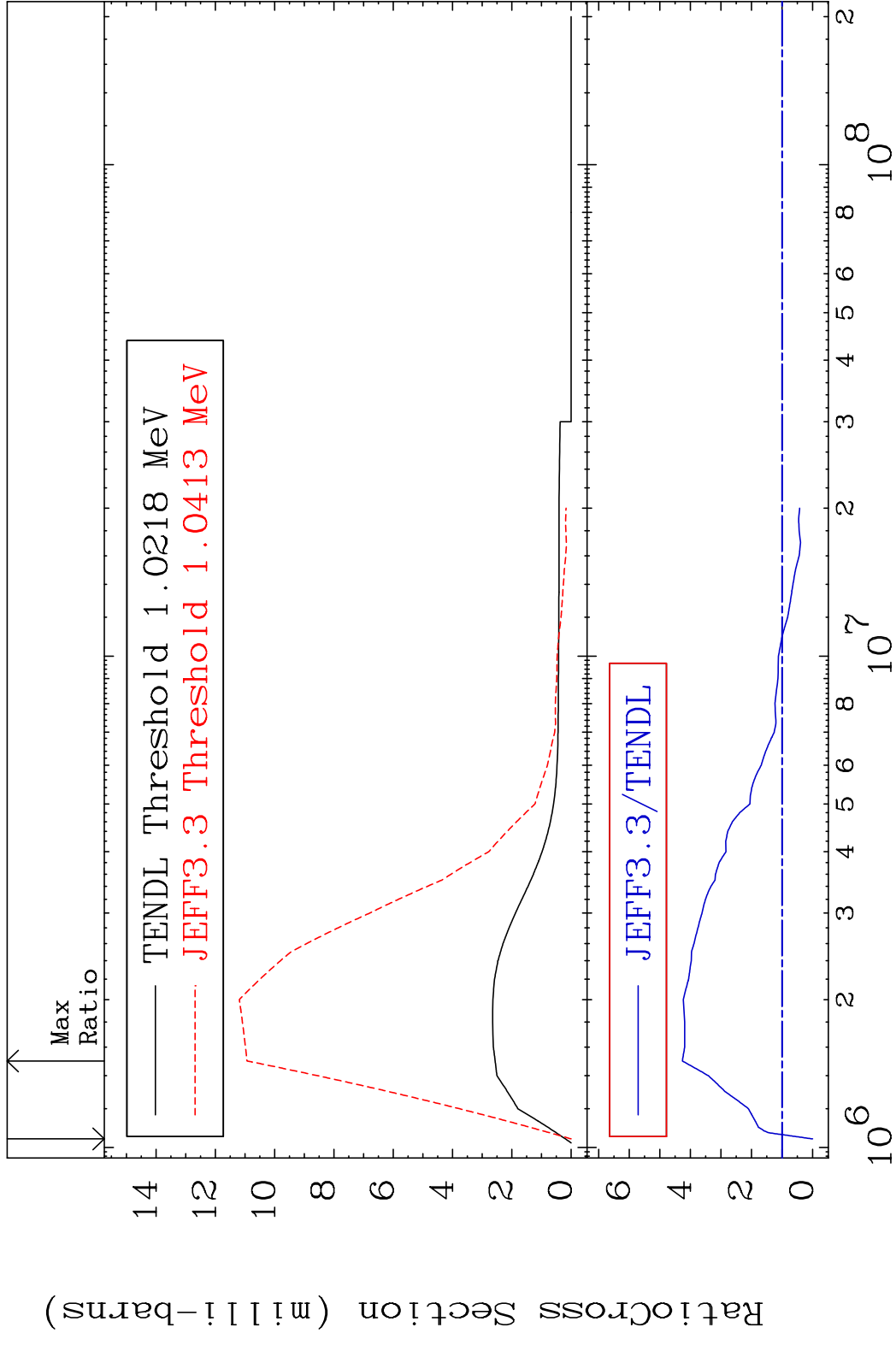
34 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 77 (n,n') Level 41-Nb-94
 Cross Section -100.0 To 382.0 %



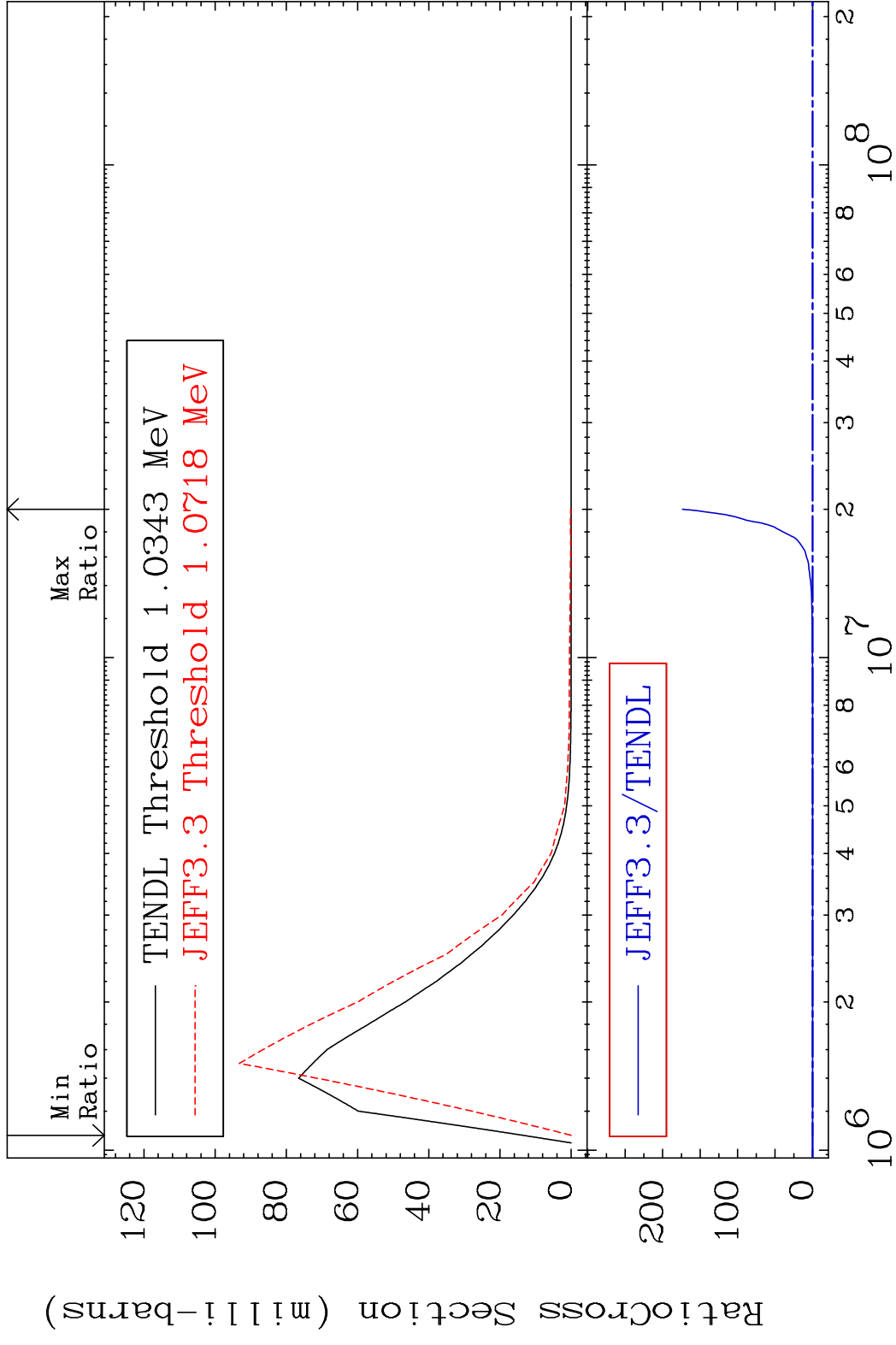
35 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 78 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 326.3 %



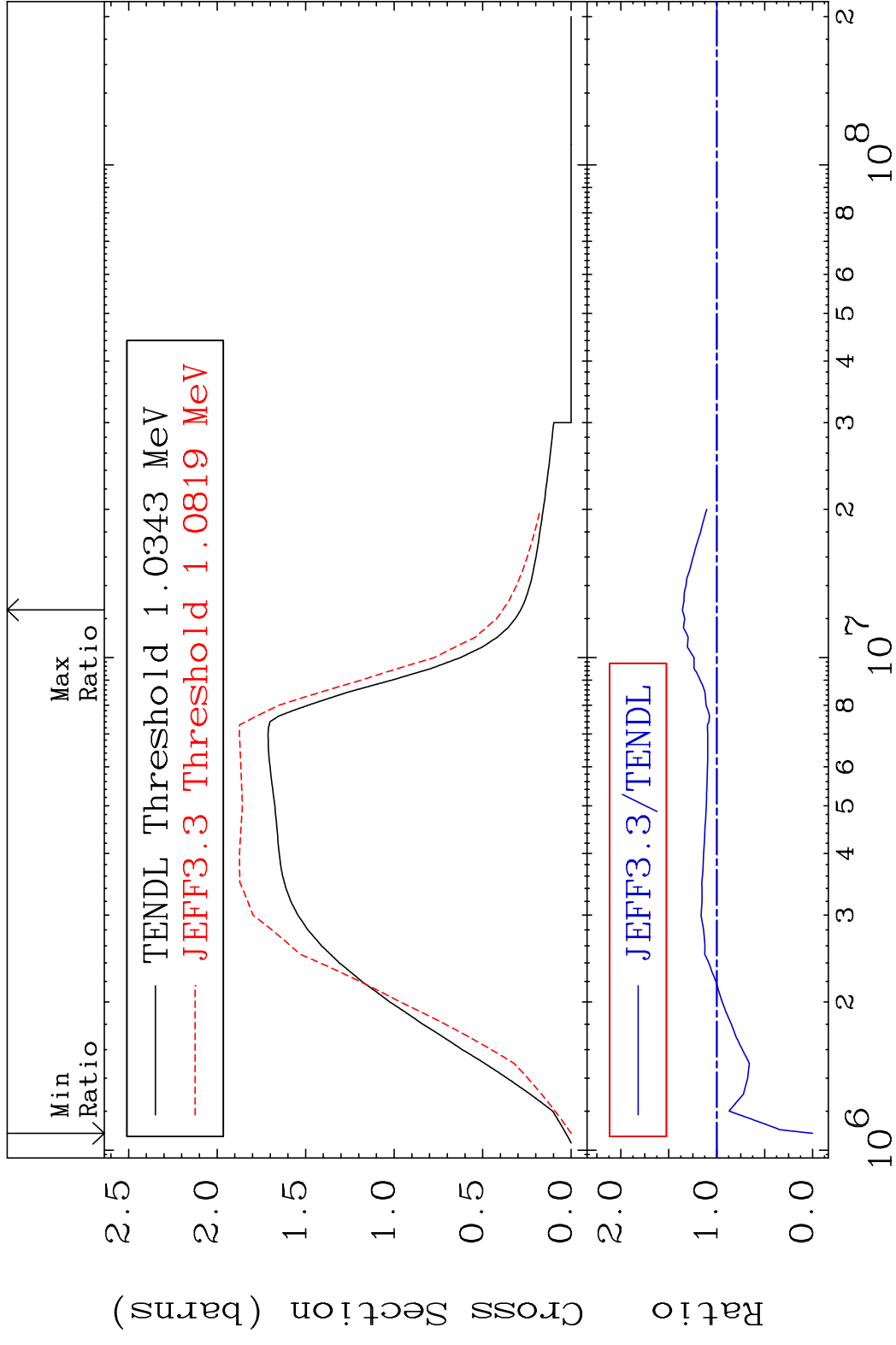
36 Incident Energy (eV) 41-Nb-94

MAT 4128 MT= 79 (n, n') Level 41-Nb-94
 Cross Section -100.0 To 9999. %



37 Incident Energy (eV) 41-Nb-94

MAT 4128 (n, n') Continuum 41-Nb-94
 Cross Section -100.0 To 35.87 %



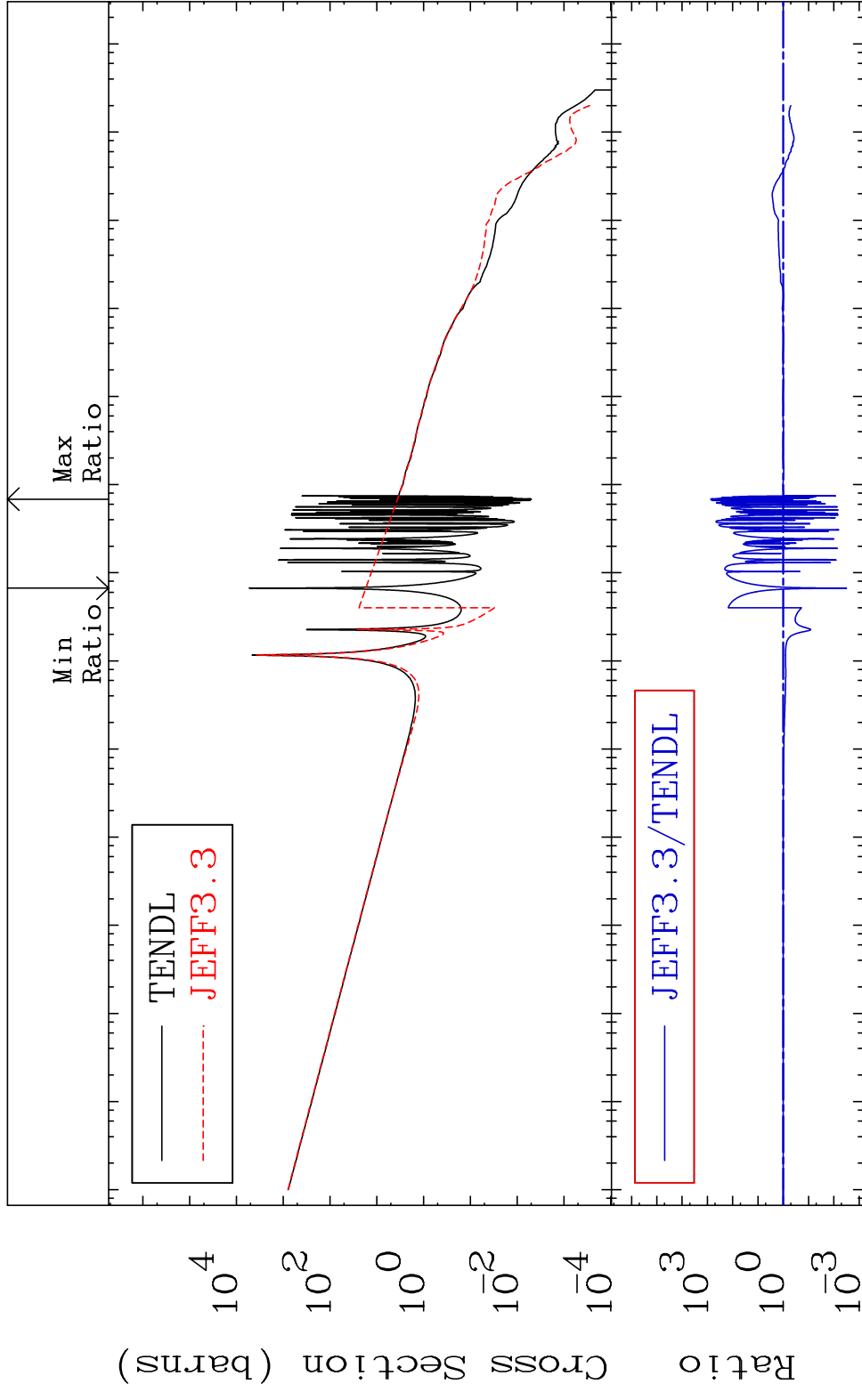
38 Incident Energy (eV) 41-Nb-94

MAT 4128

41-Nb-94

(n, γ)

Cross Section -99.68 To 9999. %



39

Incident Energy (eV)

41-Nb-94

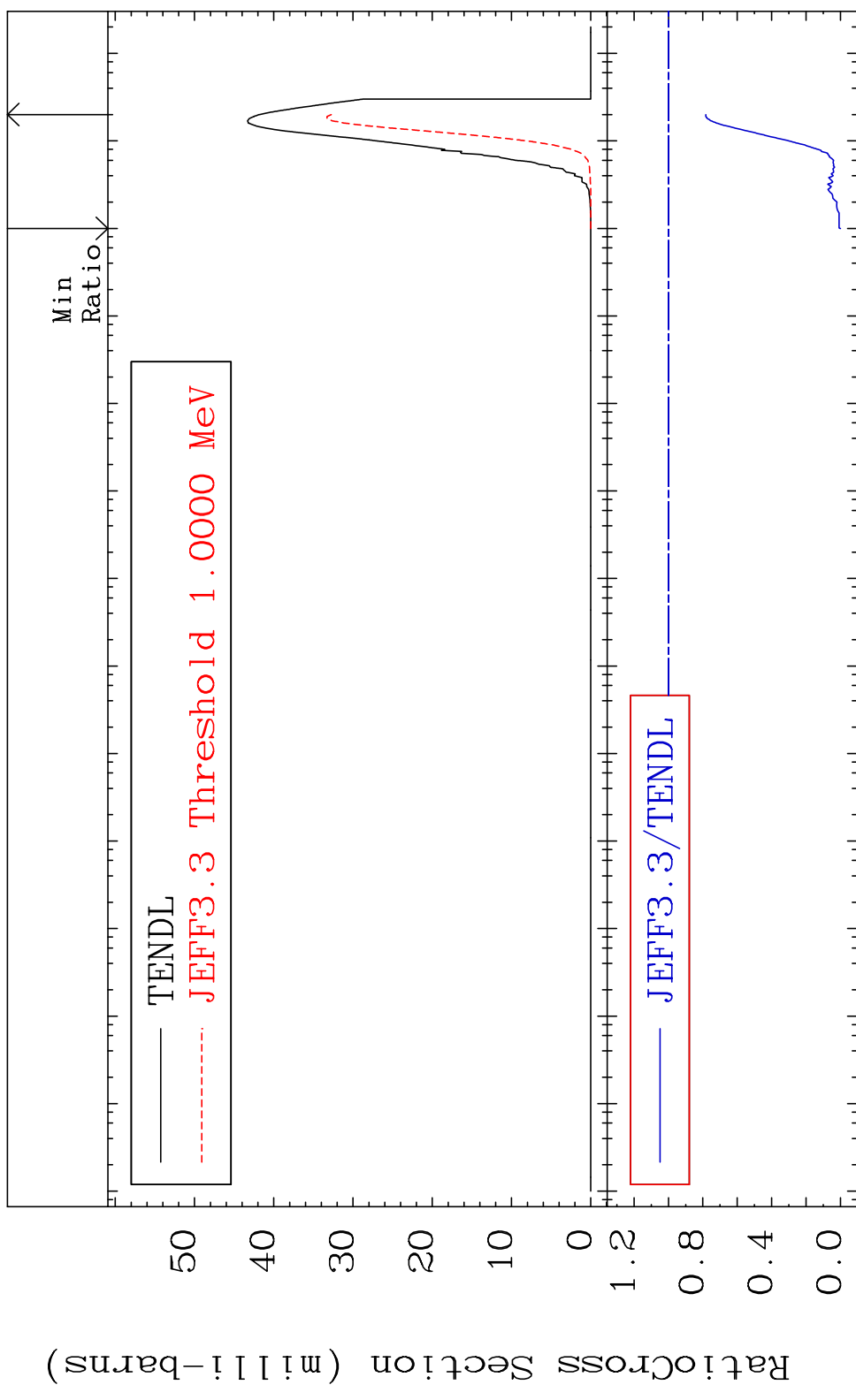
MAT 4128

(n, p)

41-Nb-94

Cross Section

-100.0 To -21.69%



40

Incident Energy (eV)

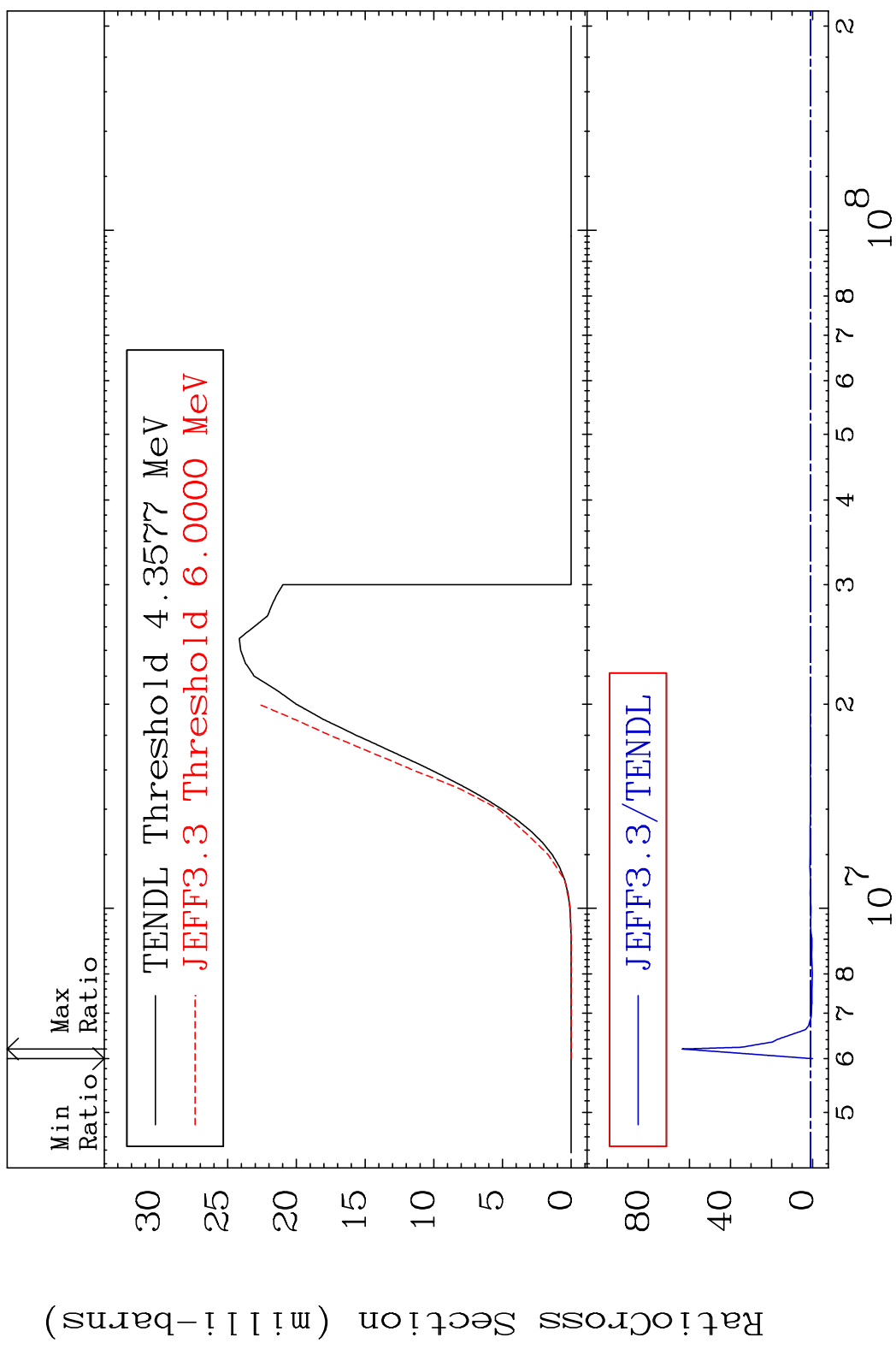
41-Nb-94

MAT 4128

(n,d)

41-Nb-94

Cross Section -100.0 To 6242. %



41

Incident Energy (eV)

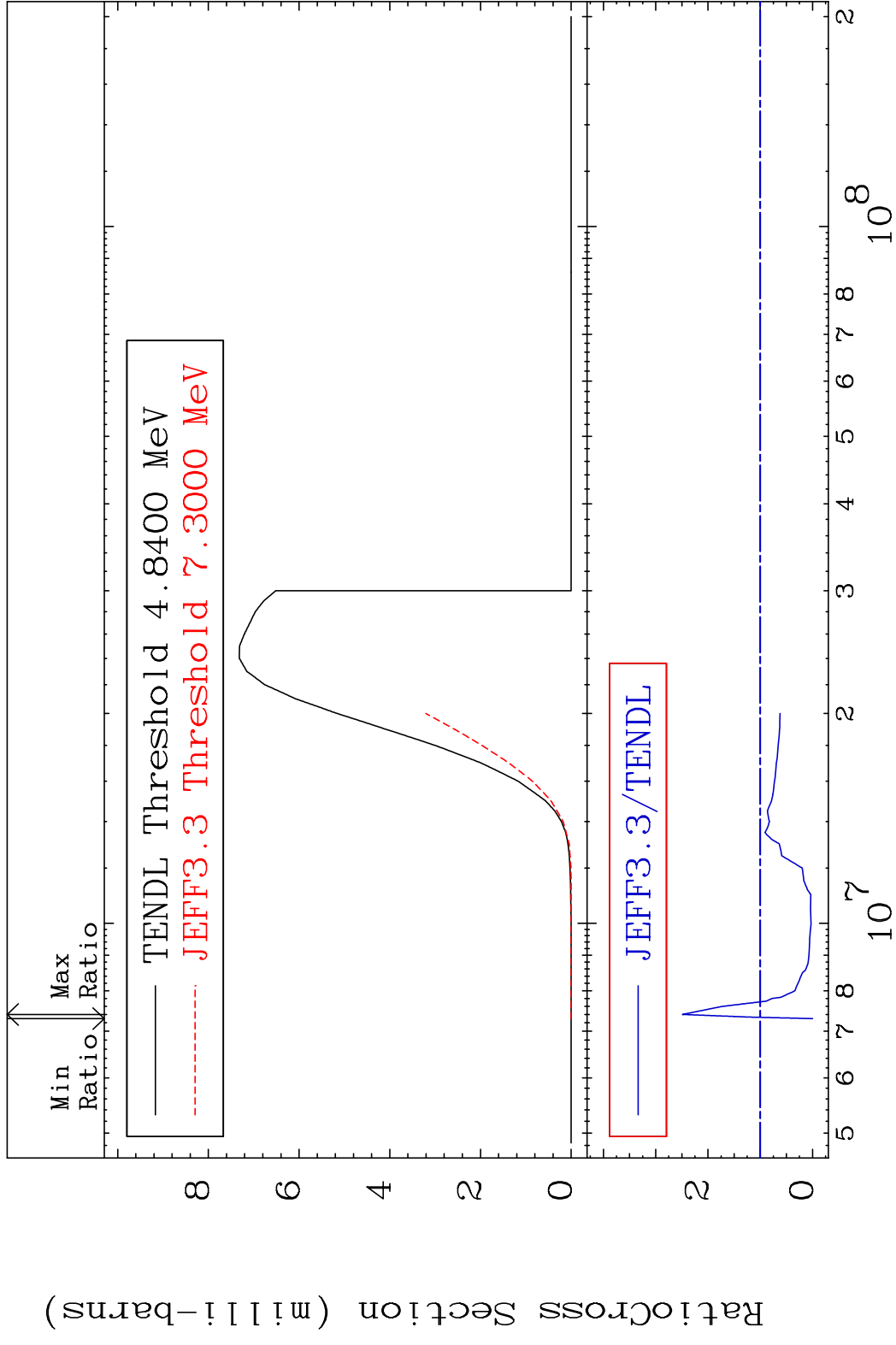
41-Nb-94

MAT 4128

(n, t)

41-Nb-94

Cross Section -100.0 To 149.0 %



42

Incident Energy (eV)

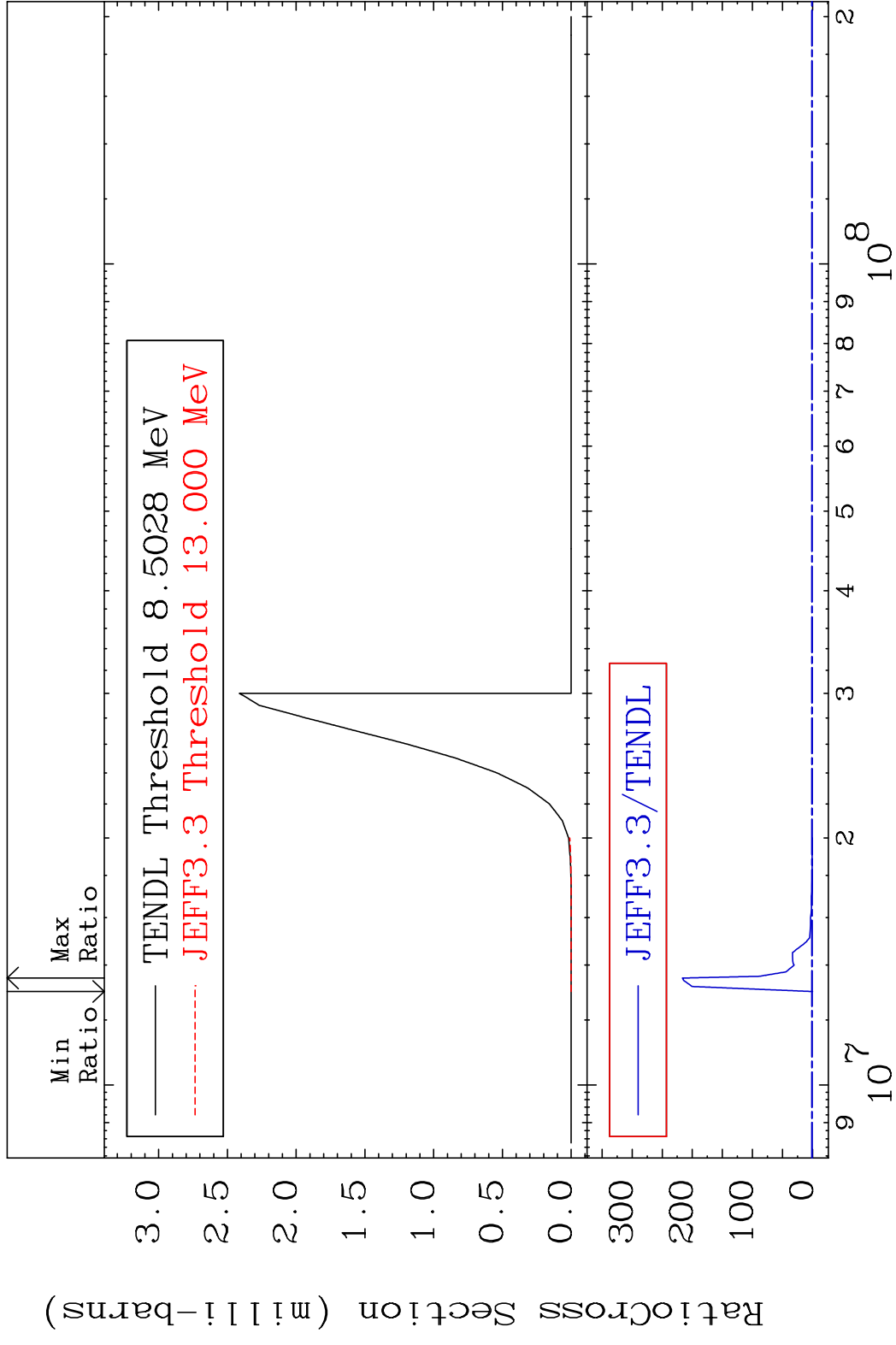
41-Nb-94

MAT 4128

(n, He-3)

41-Nb-94

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

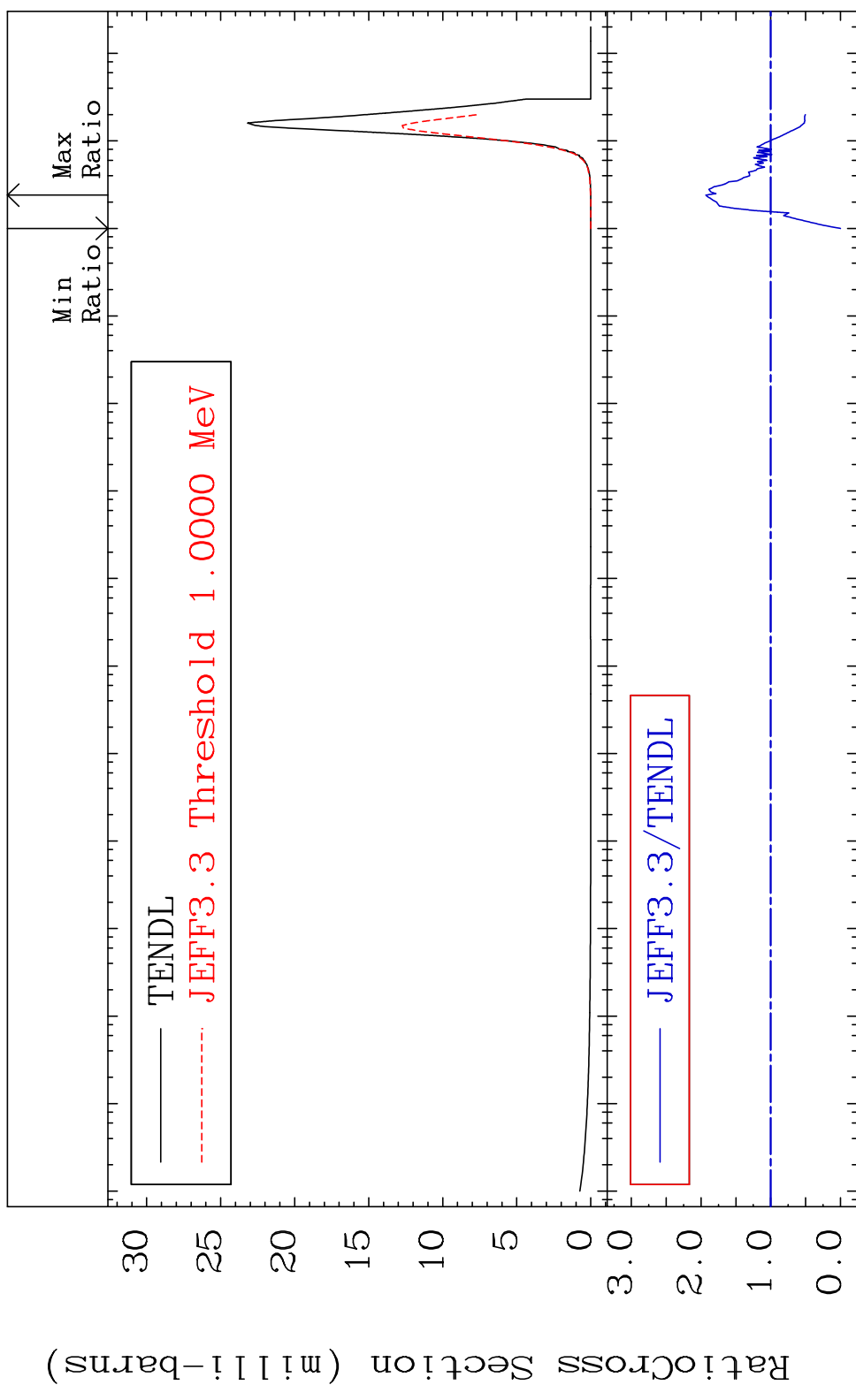
41-Nb-94

MAT 4128

(n, α)

41-Nb-94

Cross Section -100.0 To 93.23 %



44

Incident Energy (eV)

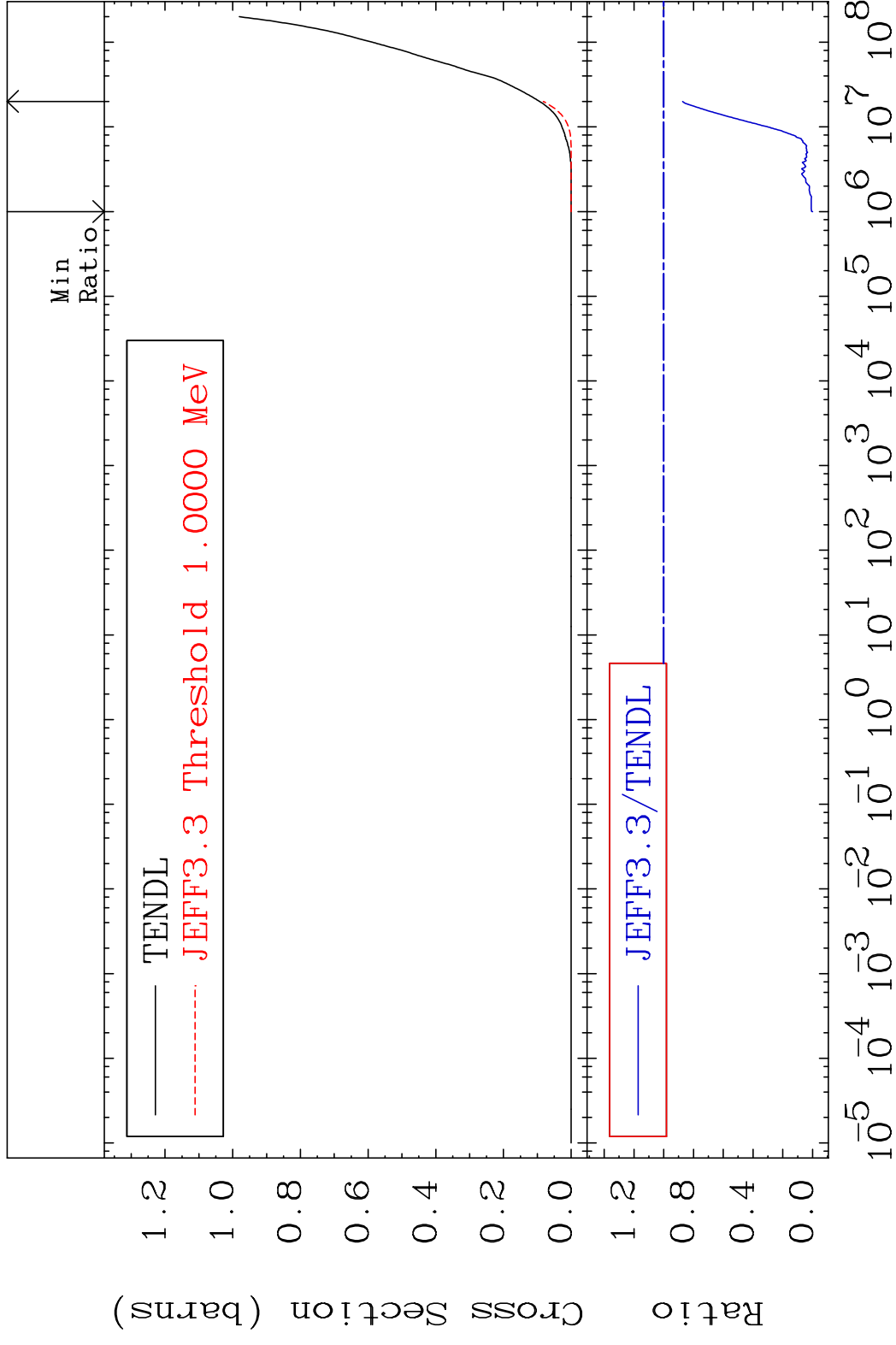
41-Nb-94

MAT 4128

Hydrogen Production

41-Nb-94

Cross Section -100.0 To -12.52%



45

Incident Energy (eV)

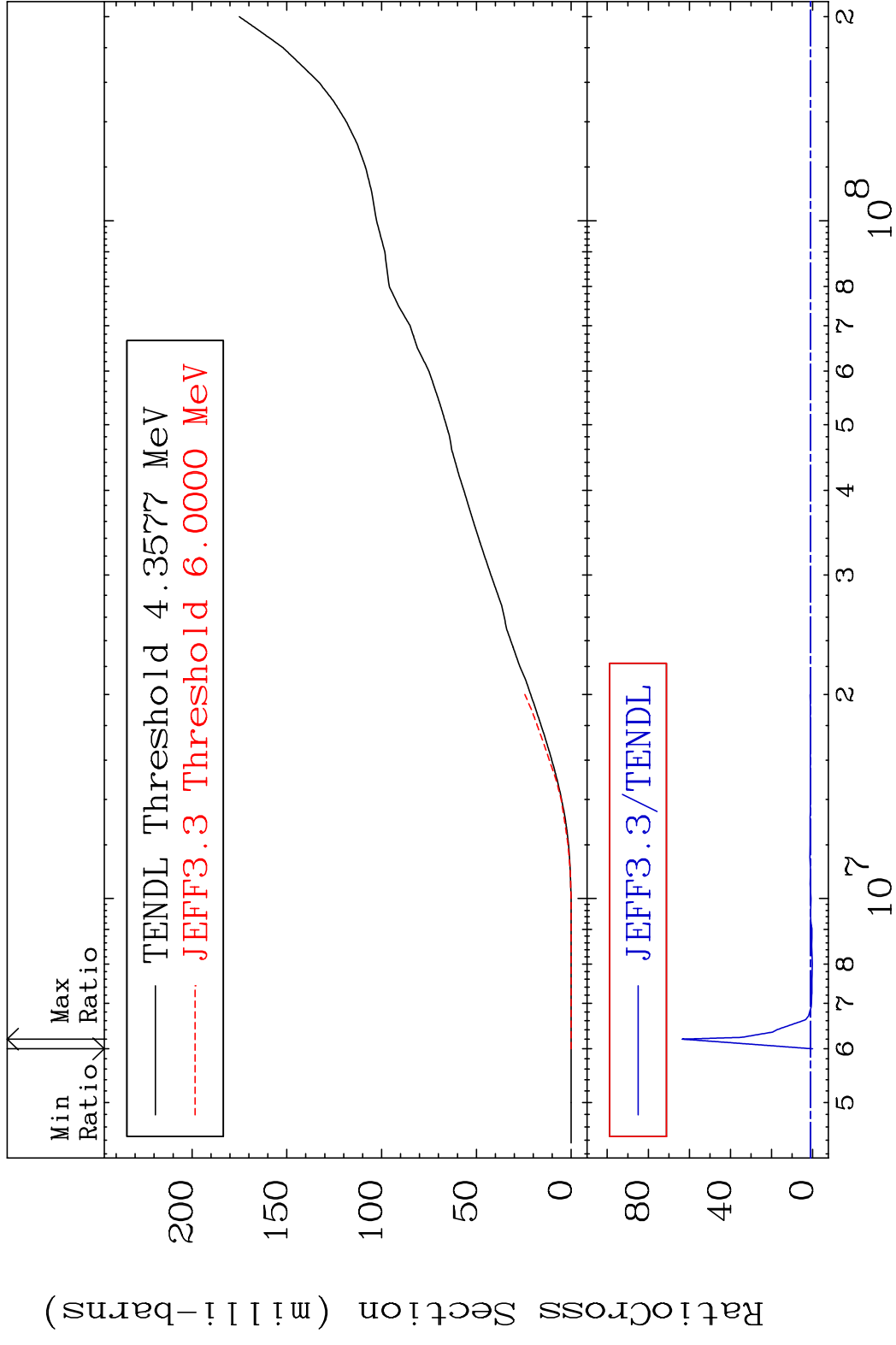
41-Nb-94

MAT 4128

Deuterium Production

41-Nb-94

Cross Section -100.0 To 6242. %



46

Incident Energy (eV)

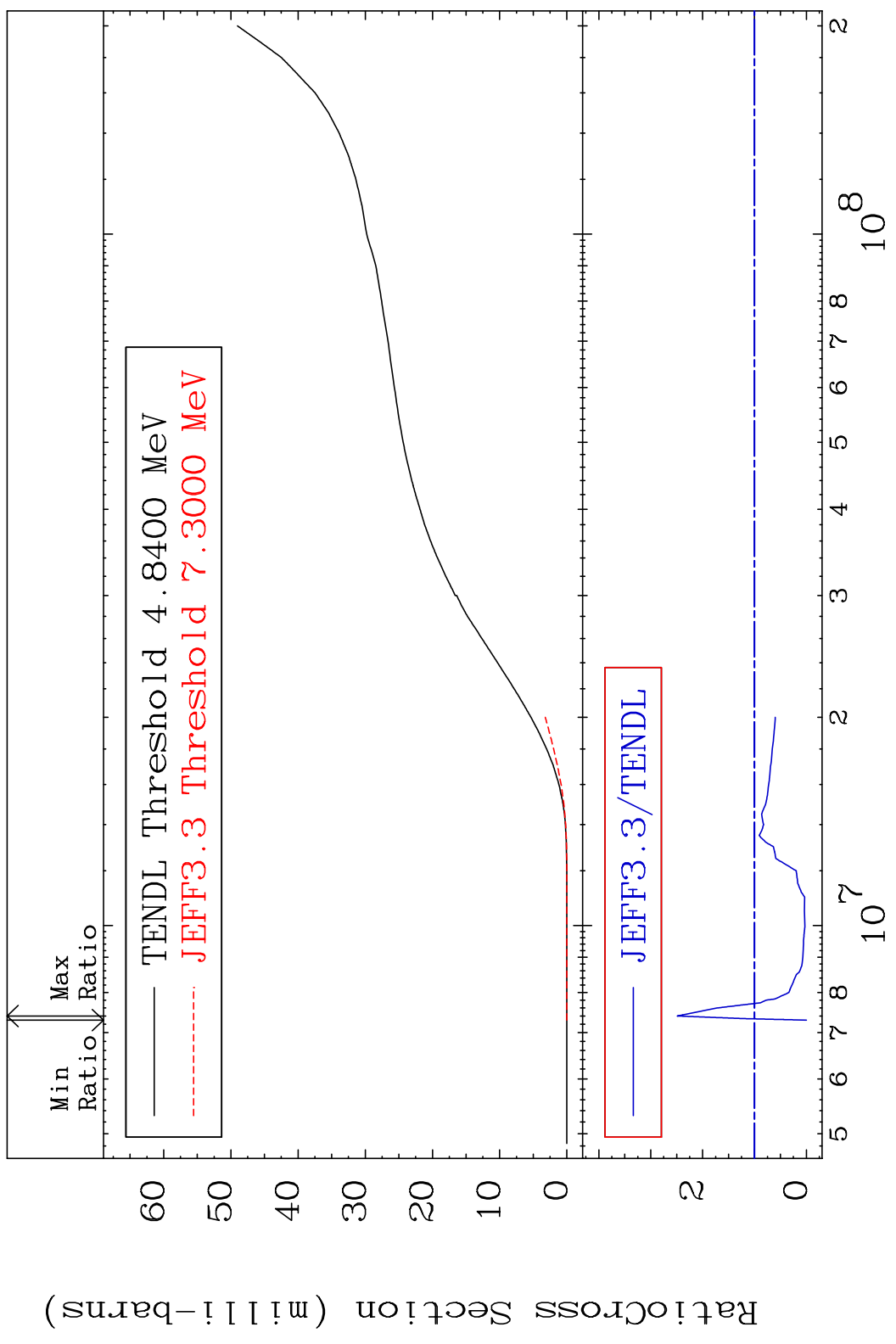
41-Nb-94

MAT 4128

Tritium Production

41-Nb-94

Cross Section -100.0 To 149.0 %



47

Incident Energy (eV)

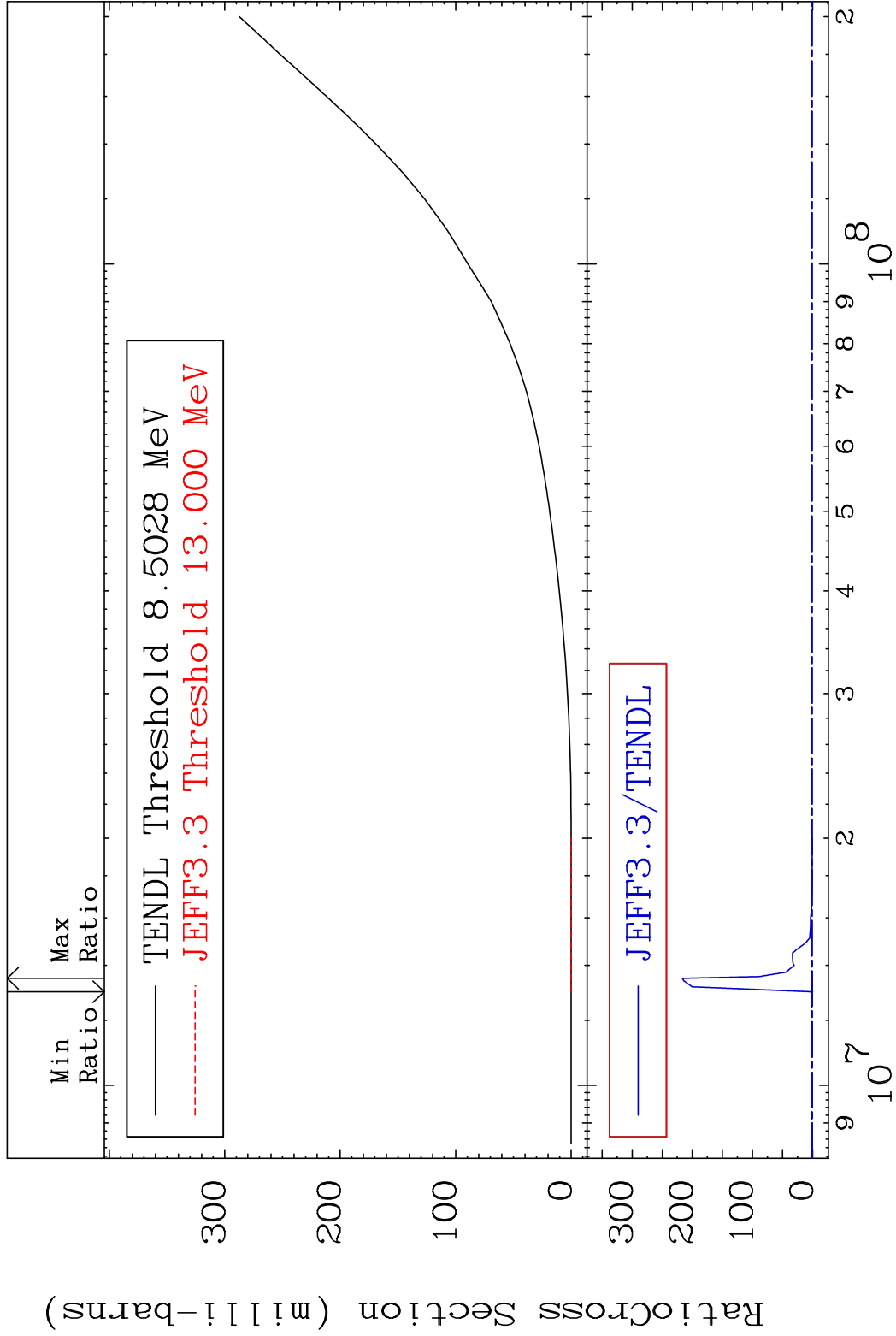
41-Nb-94

MAT 4128

He-3 Production

41-Nb-94

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

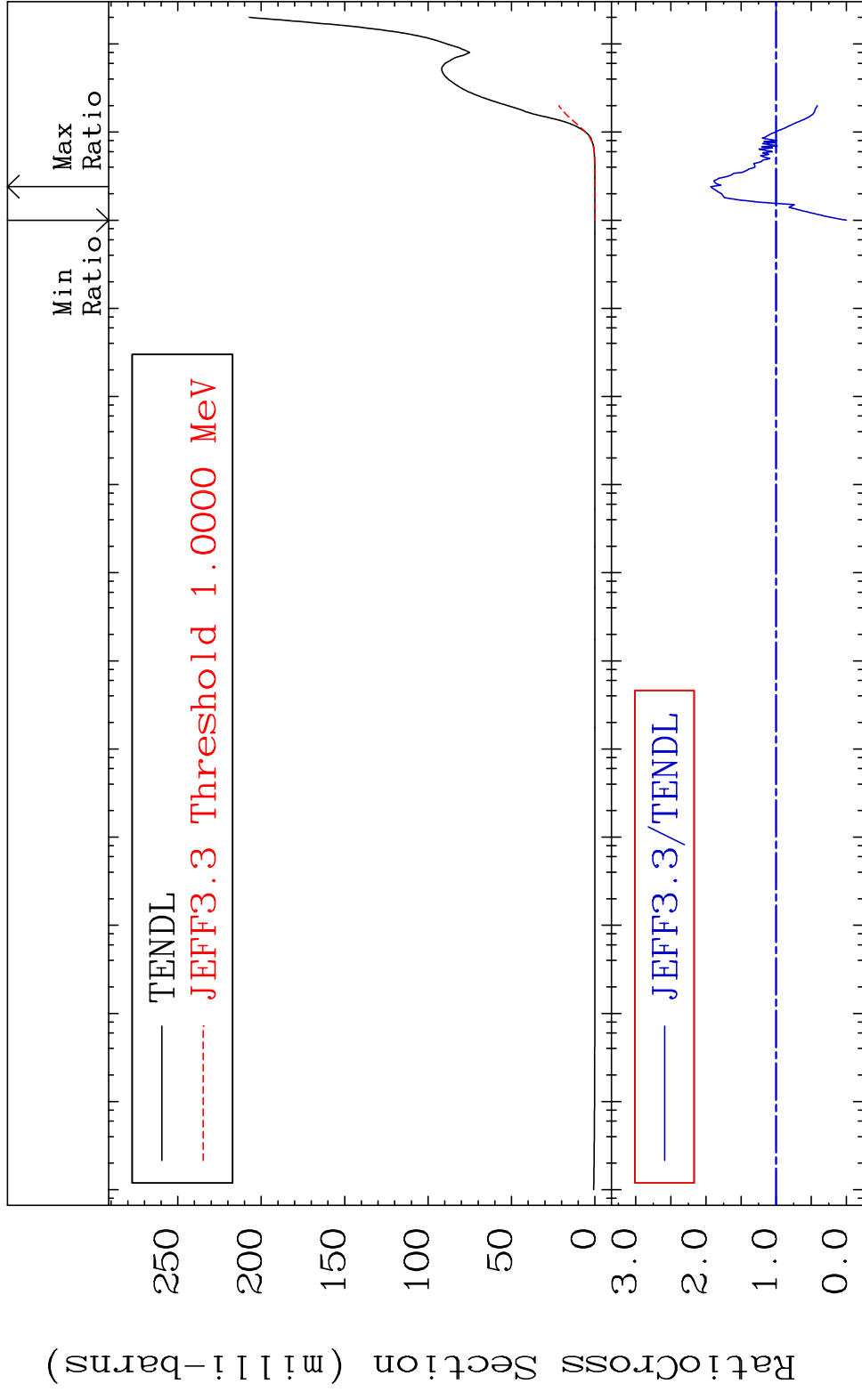
41-Nb-94

MAT 4128

He-4 Production

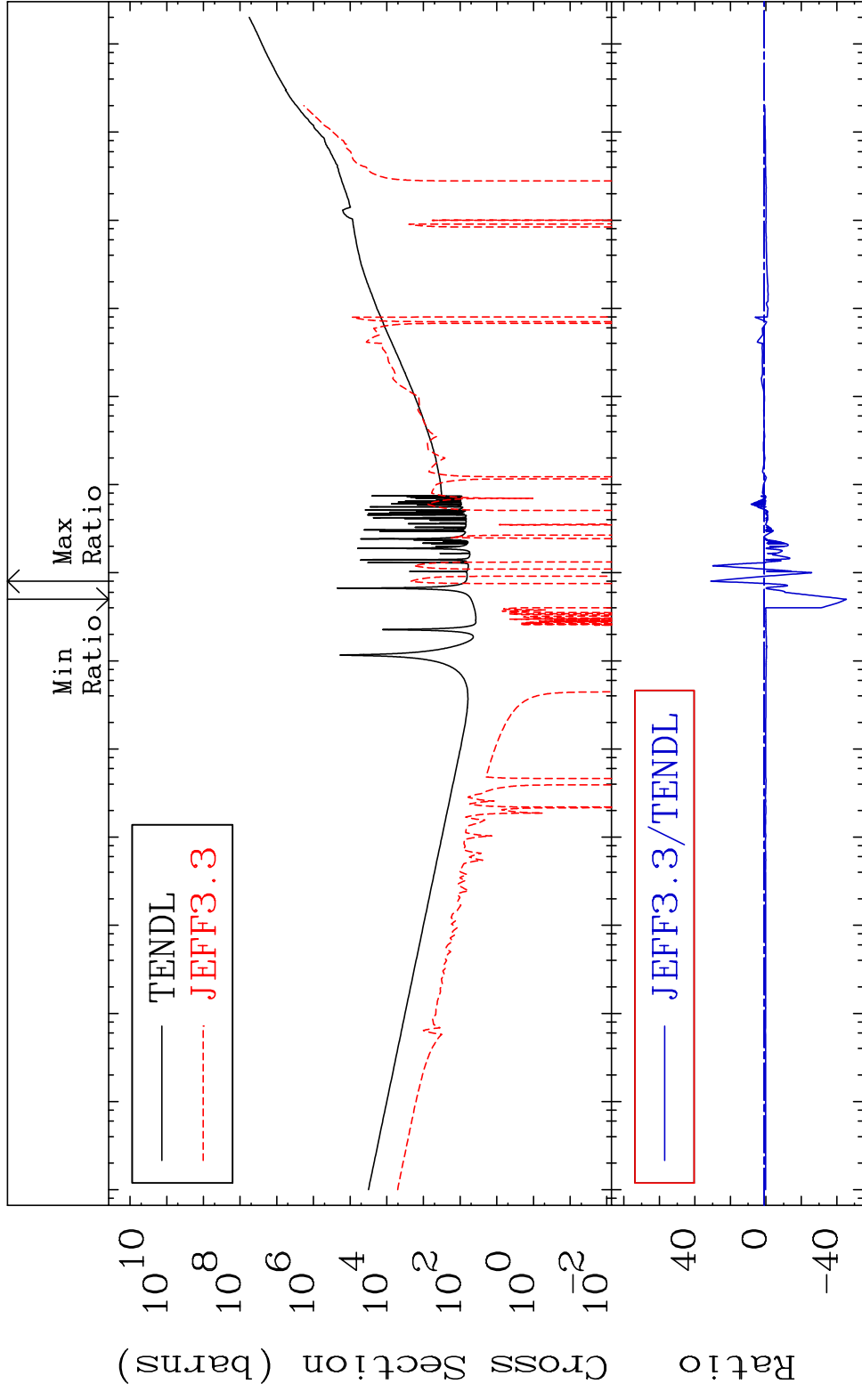
41-Nb-94

Cross Section -100.0 To 93.23 %



MAT 4128

Kerma total (eV-barns) 41-Nb-94
Cross Section -4635. To 3008. %



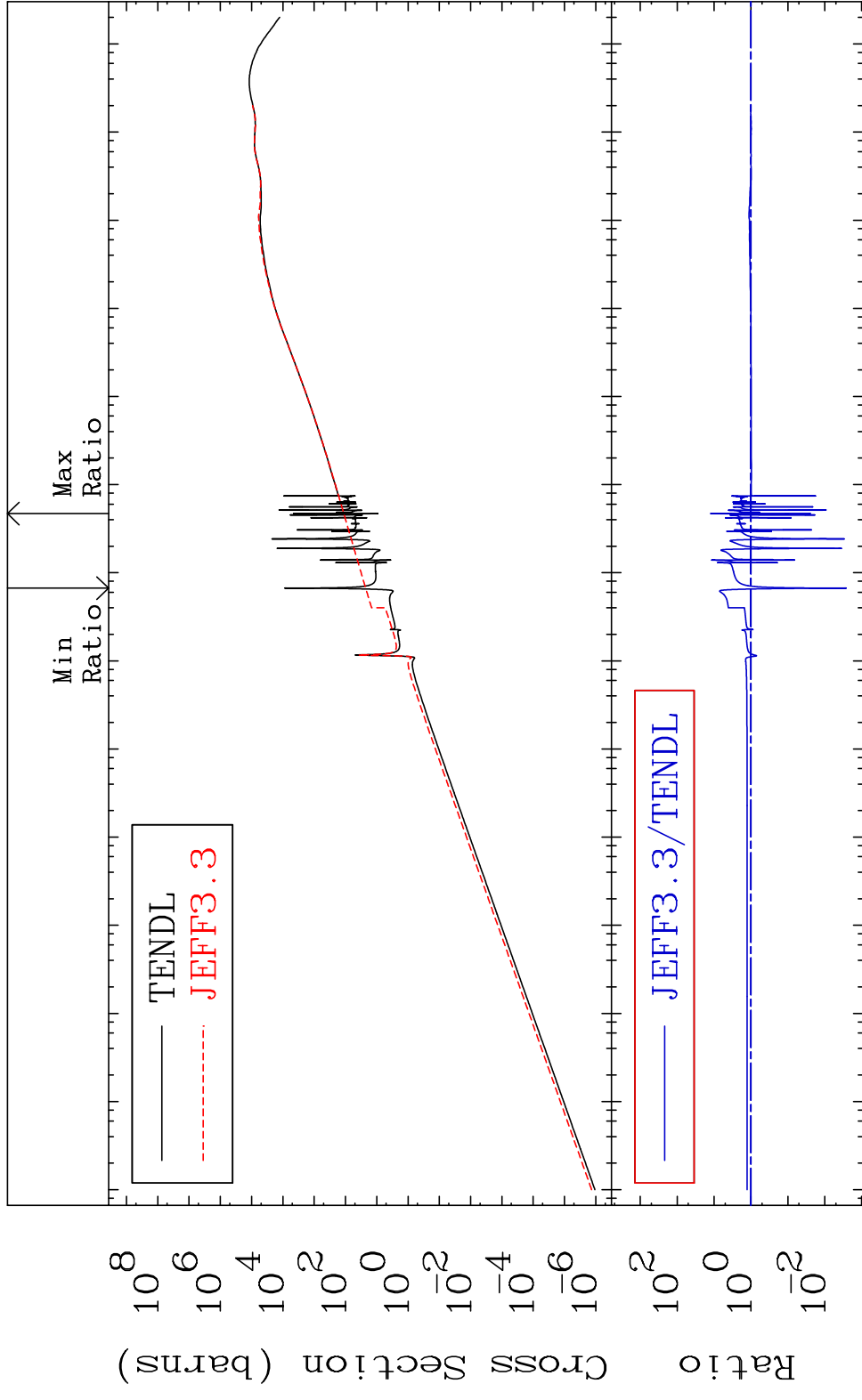
50

Incident Energy (eV)

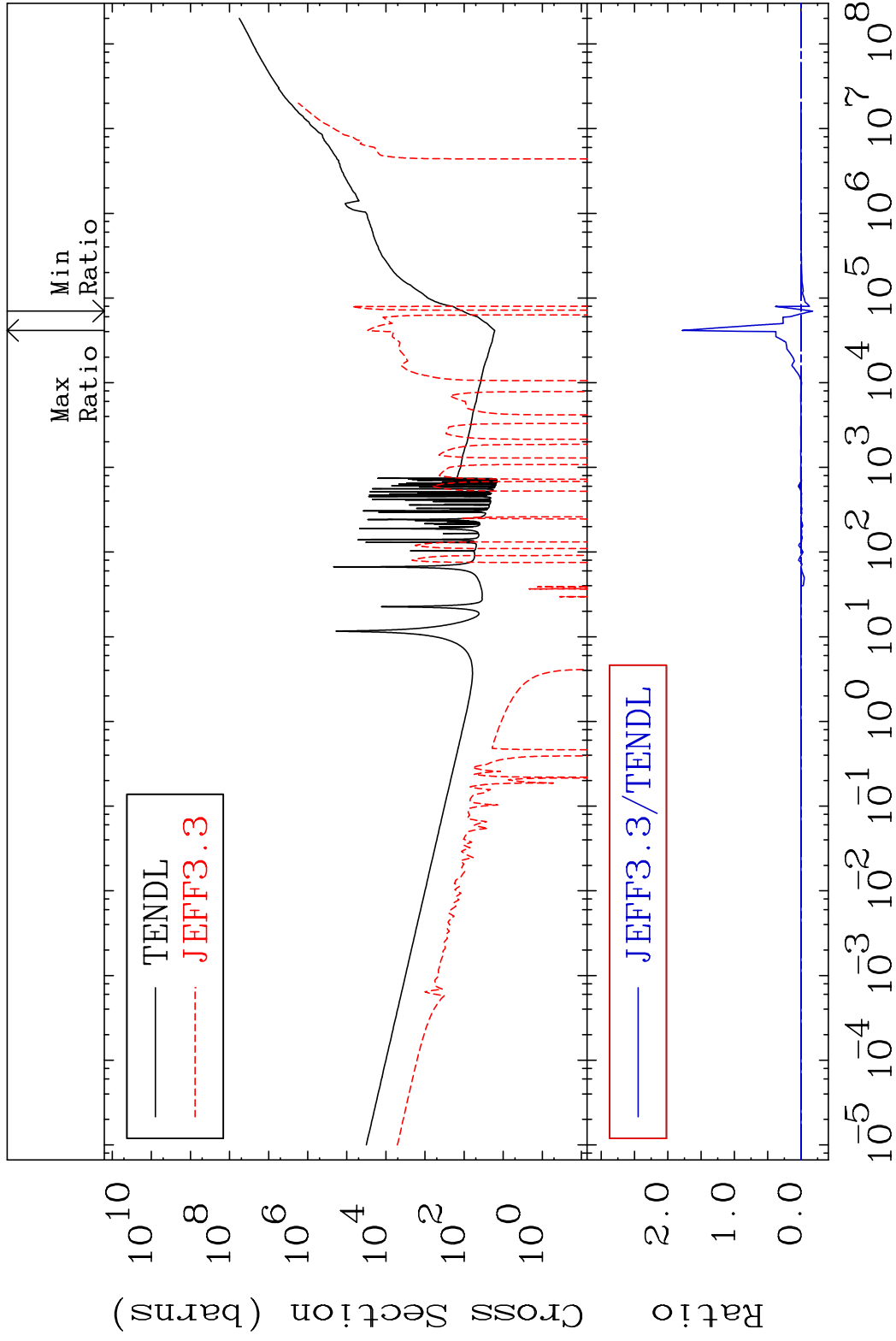
41-Nb-94

MAT 4128

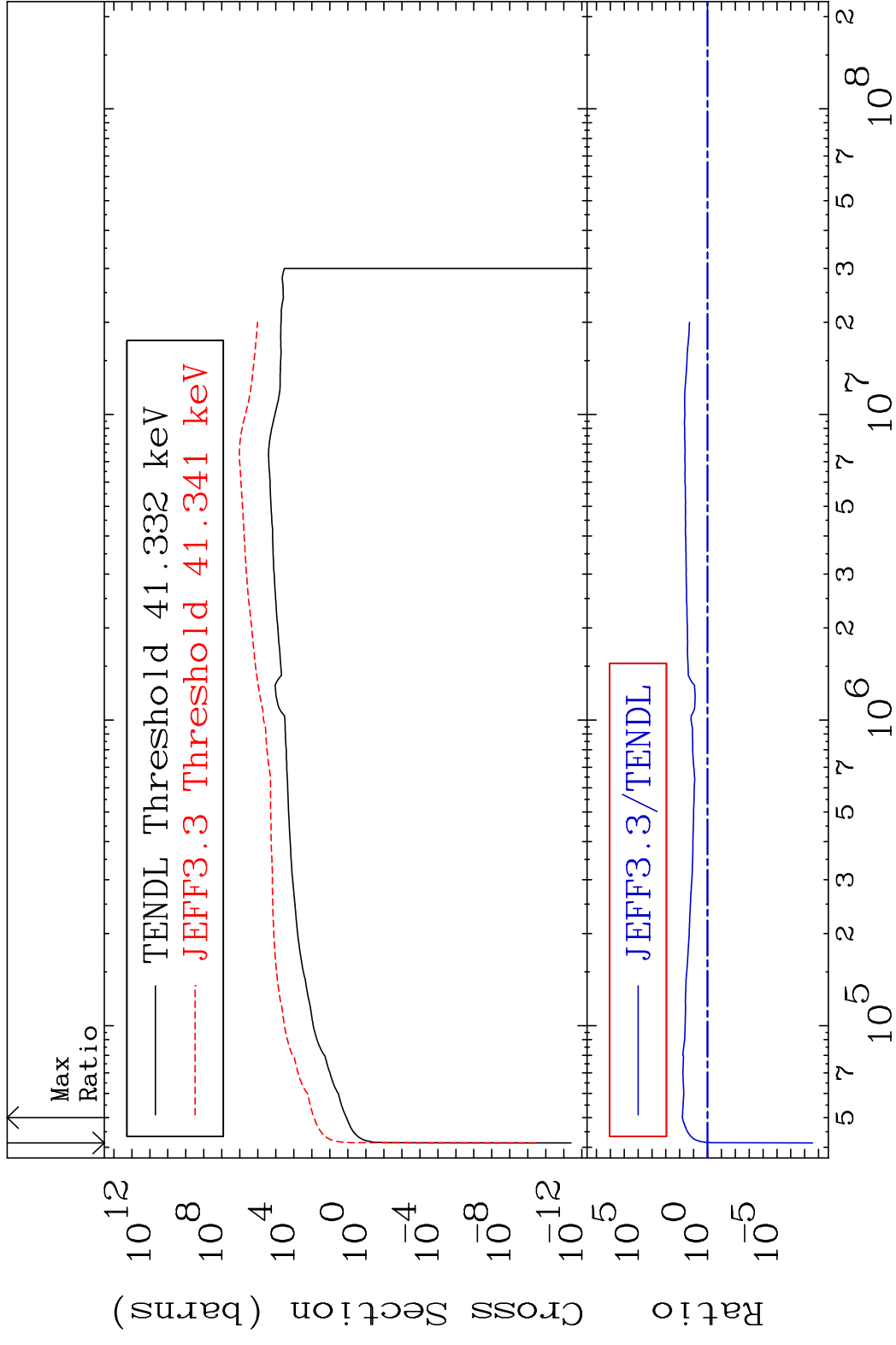
Kerma elastic Cross Section -99.74 To 1133. %
41-Nb-94



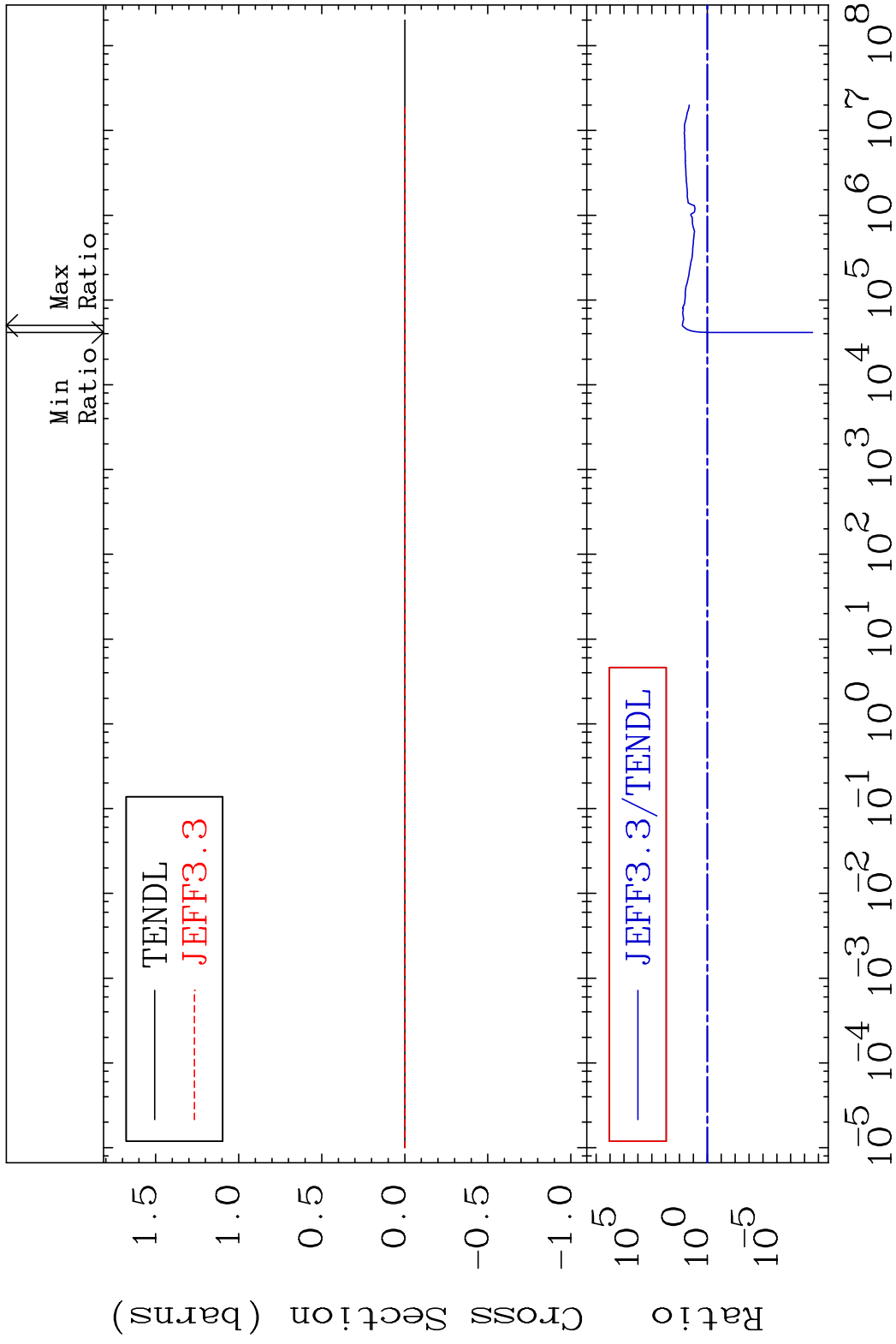
MAT 4128 Kerma non-elastic (all but mt2) 41-Nb-94
 Cross Section -9999. To 9999. %



MAT 4128 Kerma inelastic (mt51-91) 41-Nb-94
 Cross Section -100.0 To 6367. %

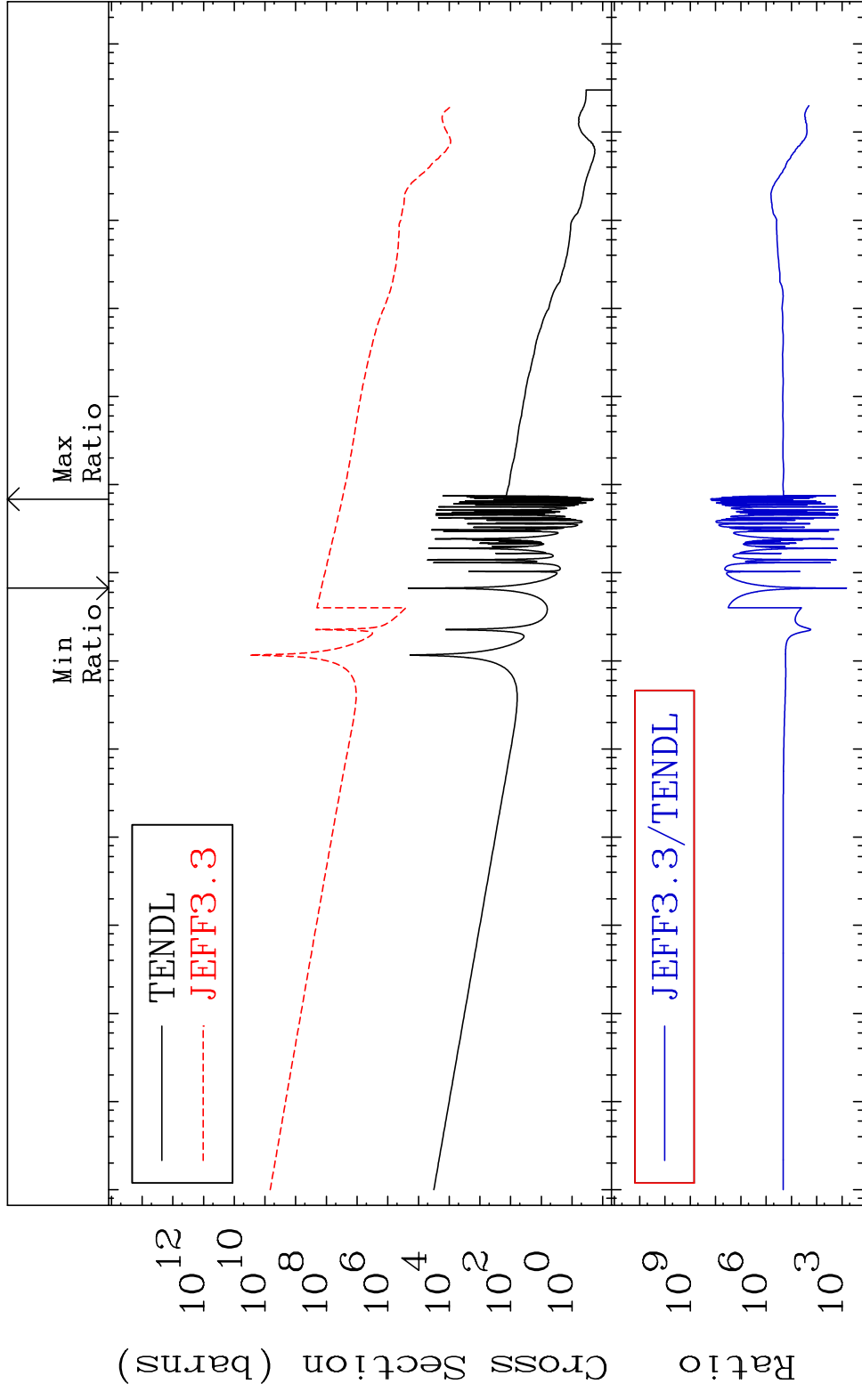


MAT 4128 Kerma fission (mt18 or mt19-20-21-38) 41-Nb-94
 Cross Section -100.0 To 6367. %



MAT 4128

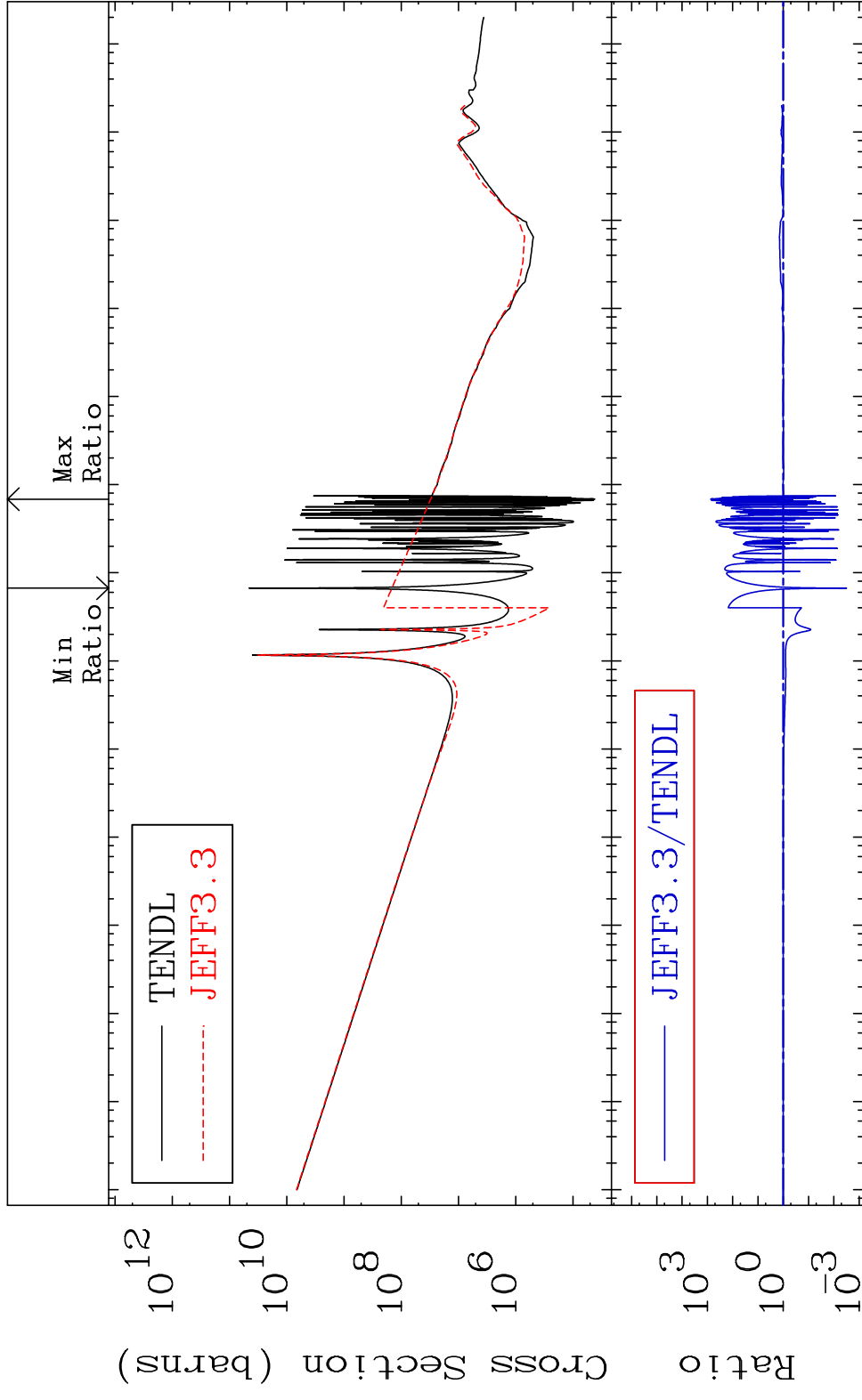
Kerma capture (mt102) 41-Nb-94
Cross Section 9999. To 9999. %



55

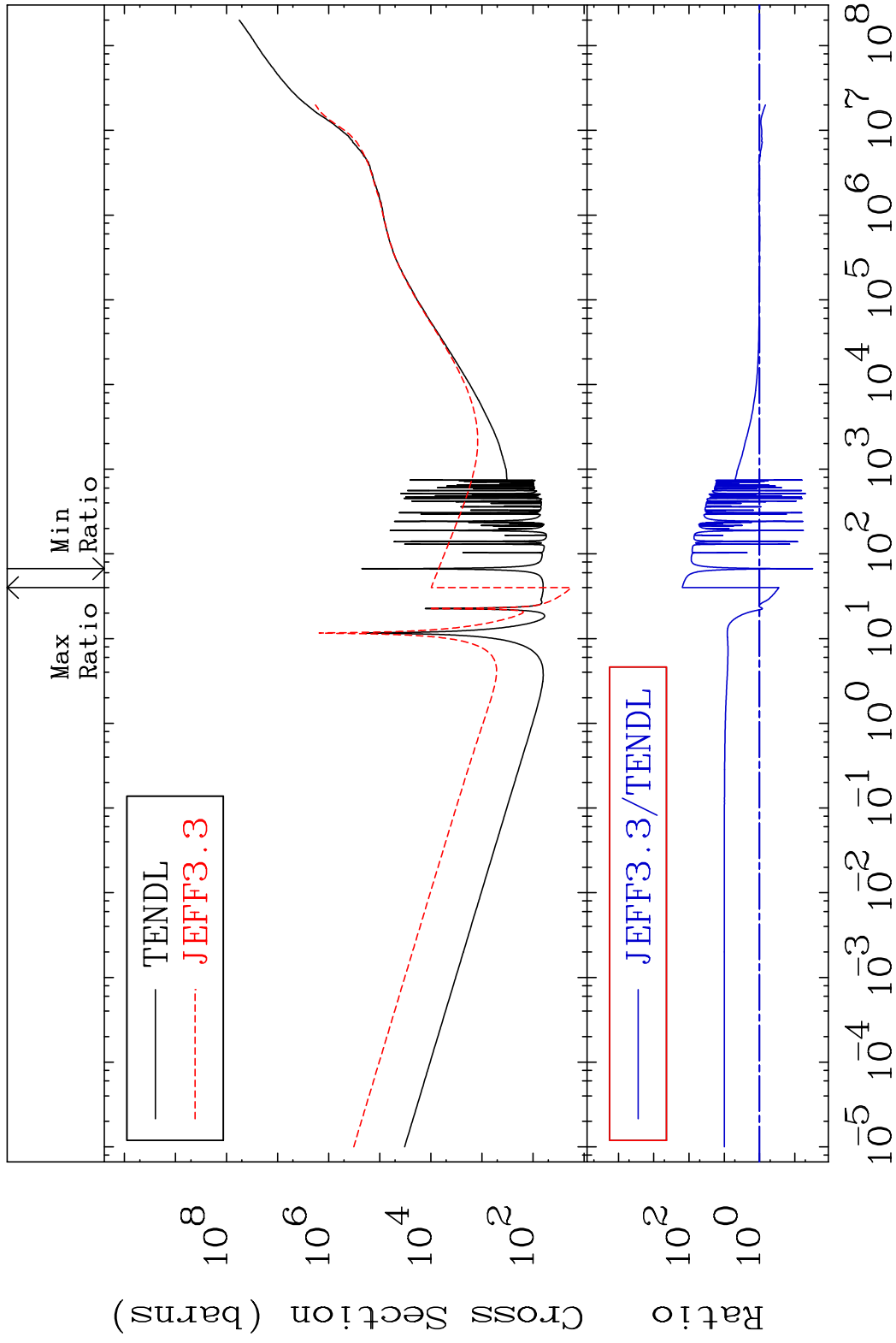
Incident Energy (eV) 41-Nb-94

MAT 4128 Total photon (eV-barns) 41-Nb-94
 Cross Section -99.68 To 9999. %



56 Incident Energy (eV) 41-Nb-94

MAT 4128 Total kinematic kerma (high limit) 41-Nb-94
 Cross Section -96.87 To 9999. %

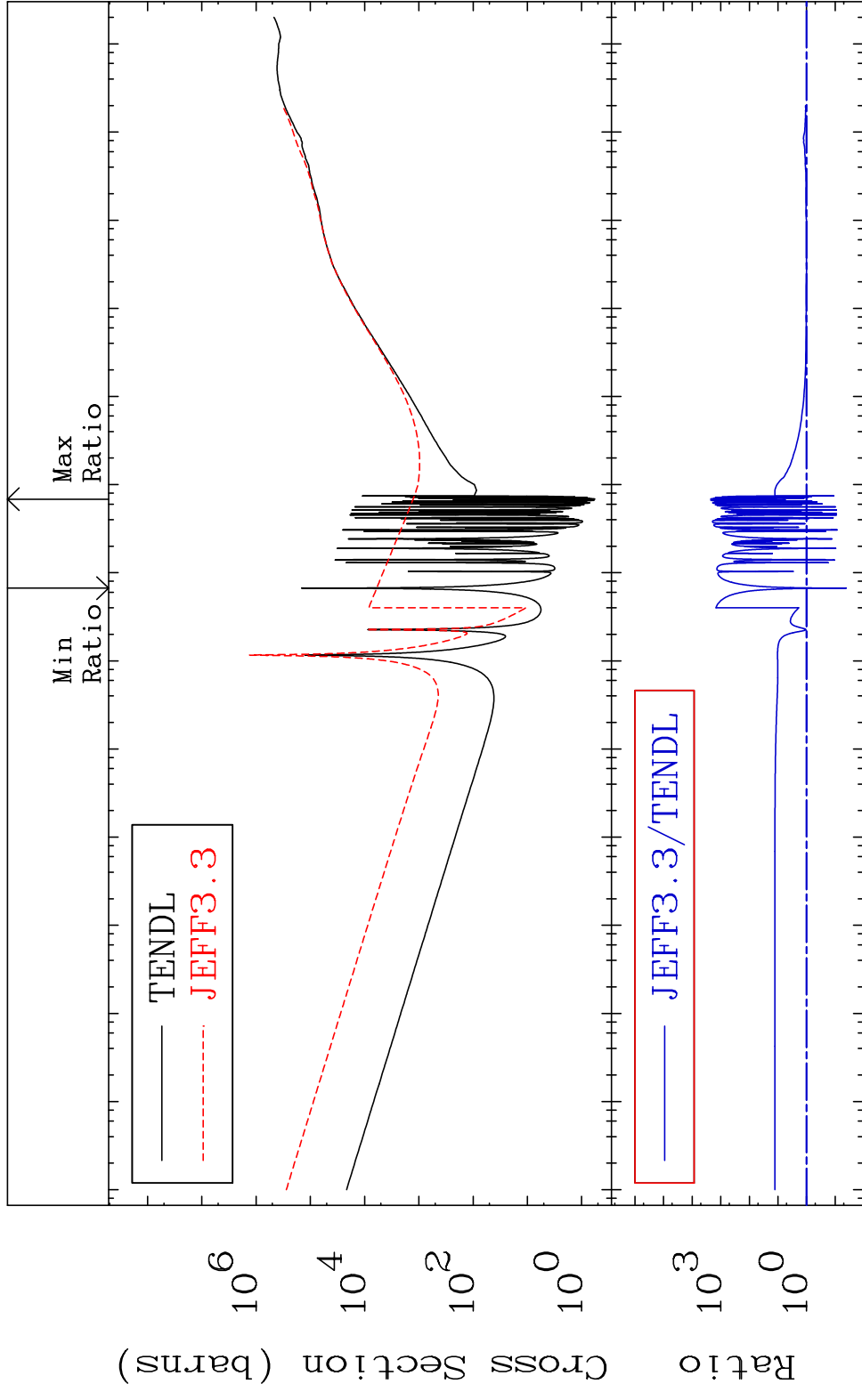


MAT 4128

Dpa total (eV-barns)

41-Nb-94

Cross Section -95.92 To 9999. %



58

Incident Energy (eV)

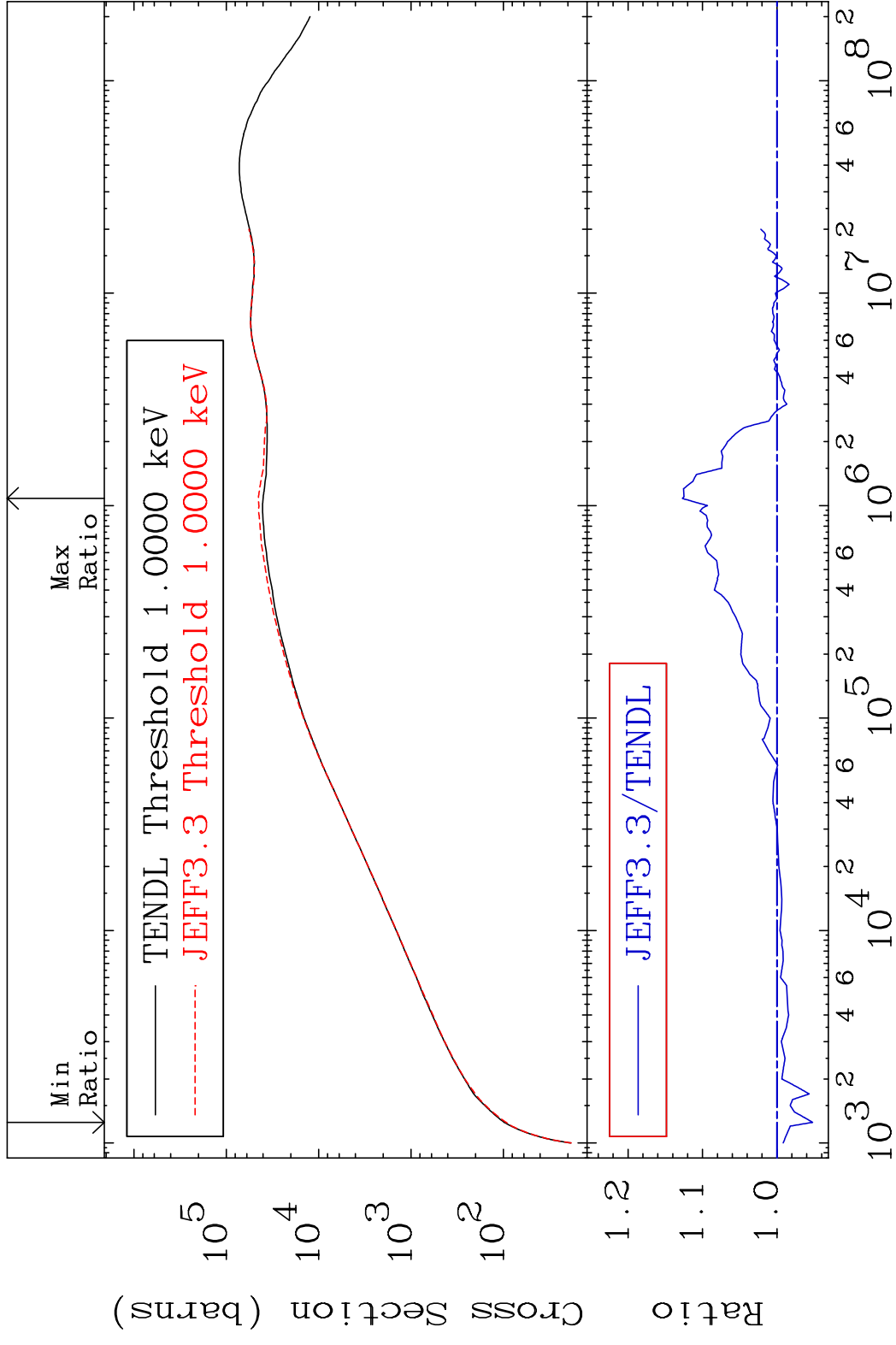
41-Nb-94

MAT 4128

Dpa elastic (mt2)

41-Nb-94

Cross Section -4.779 To 12.71 %

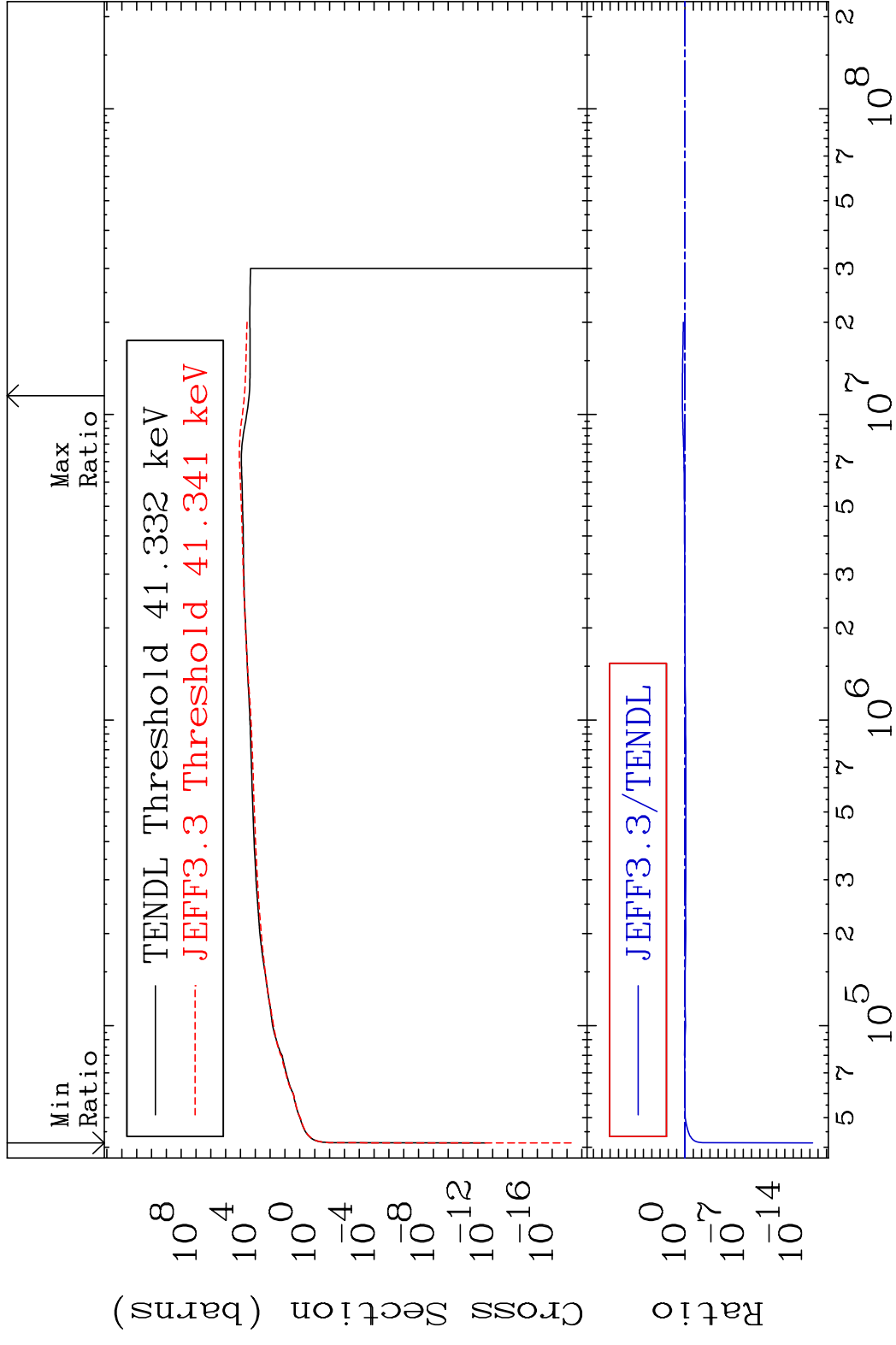


59

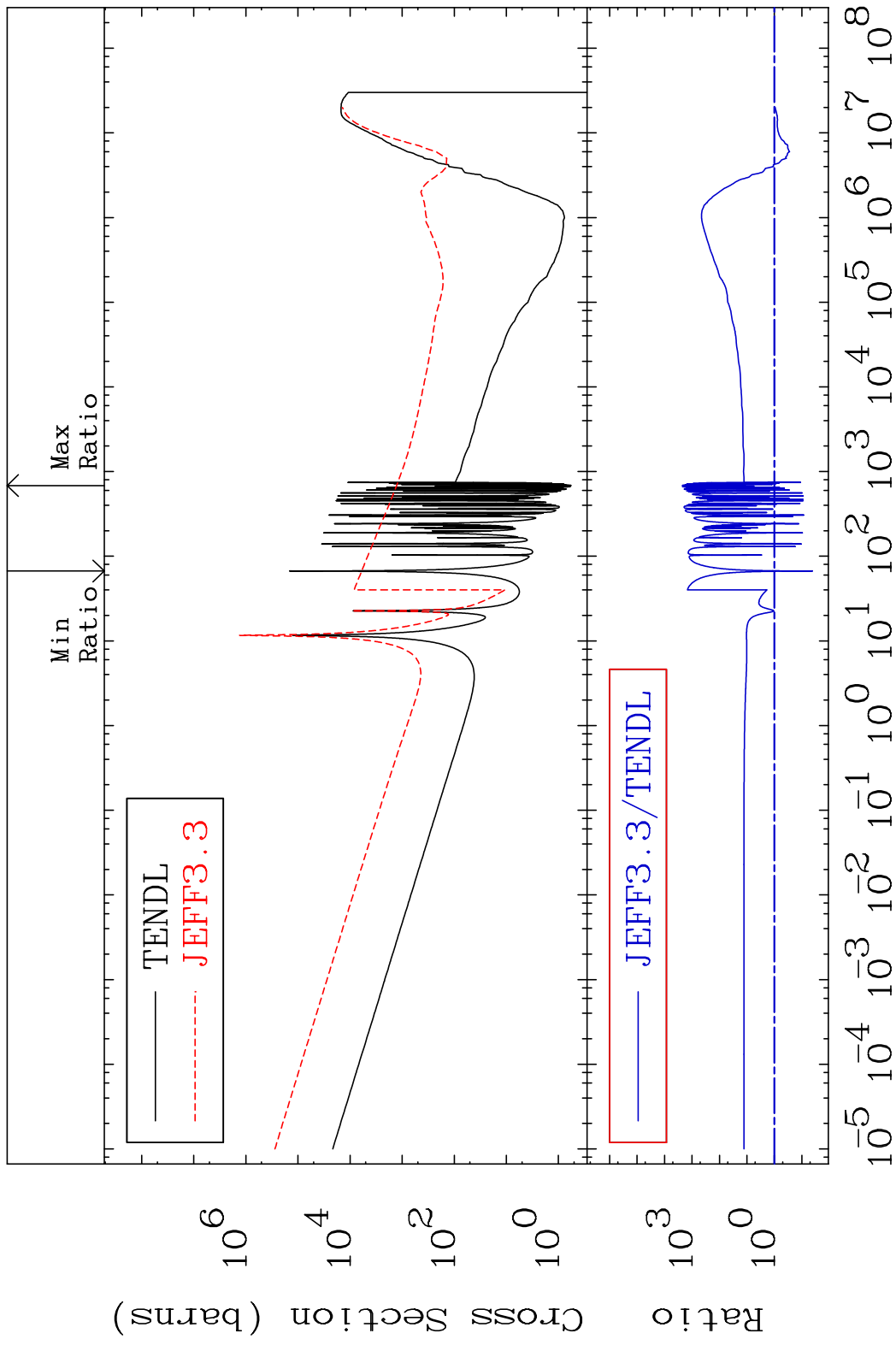
Incident Energy (eV)

41-Nb-94

MAT 4128 Dpa inelastic (mt51-91) 41-Nb-94
 Cross Section -100.0 To 108.3 %



MAT 4128 Dpa disappearance (mt102 -120) 41-Nb-94
 Cross Section -95.92 To 9999. %



MAT 4128 Dpa disappearance (mt102 -120) 41-Nb-94
 Cross Section -97.15 To 9999. %

