

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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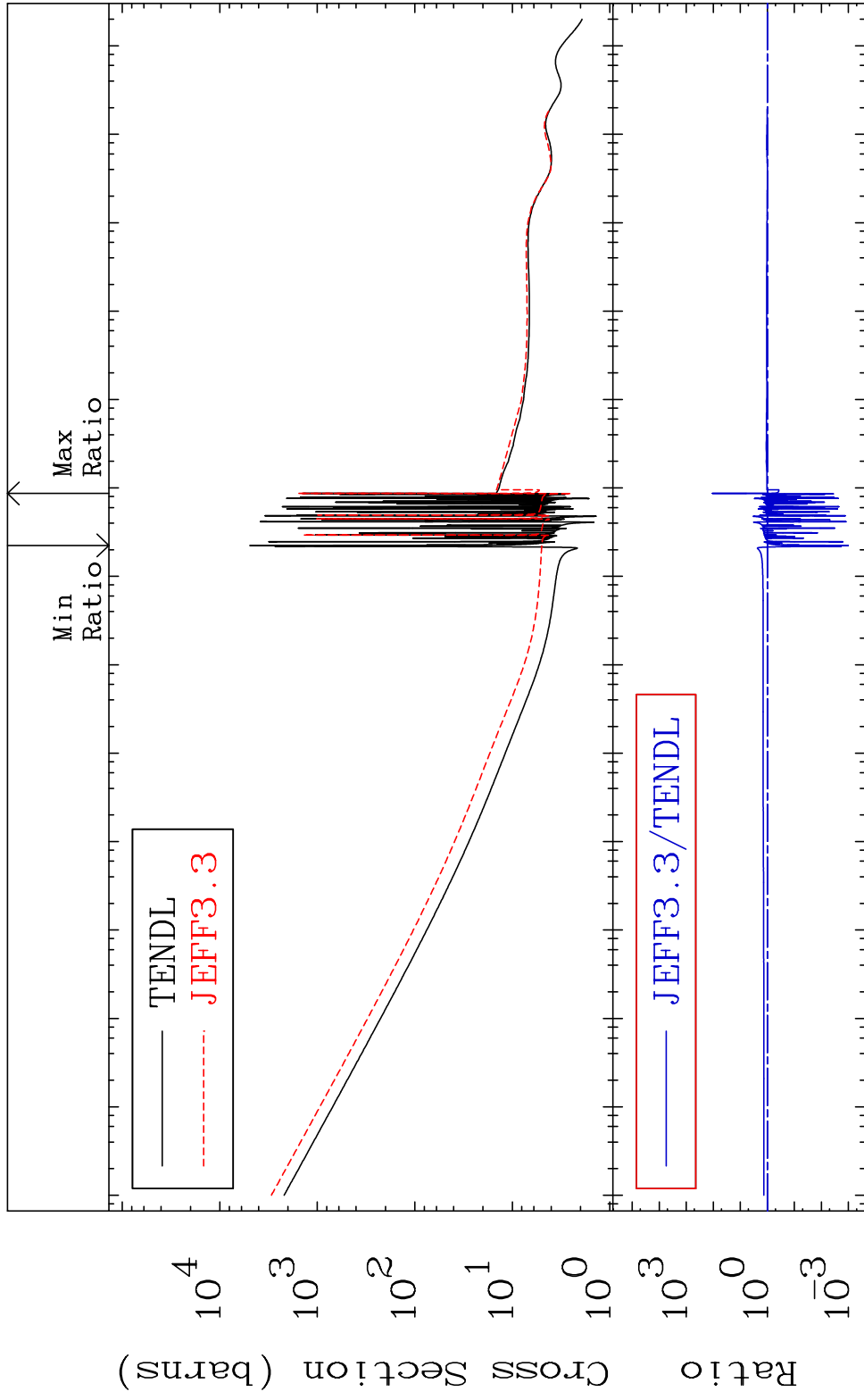
Press Mouse Button to Start

MAT 5034

Total

50-Sn-115

Cross Section -99.90 To 9999. %



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

1

Incident Energy (eV)

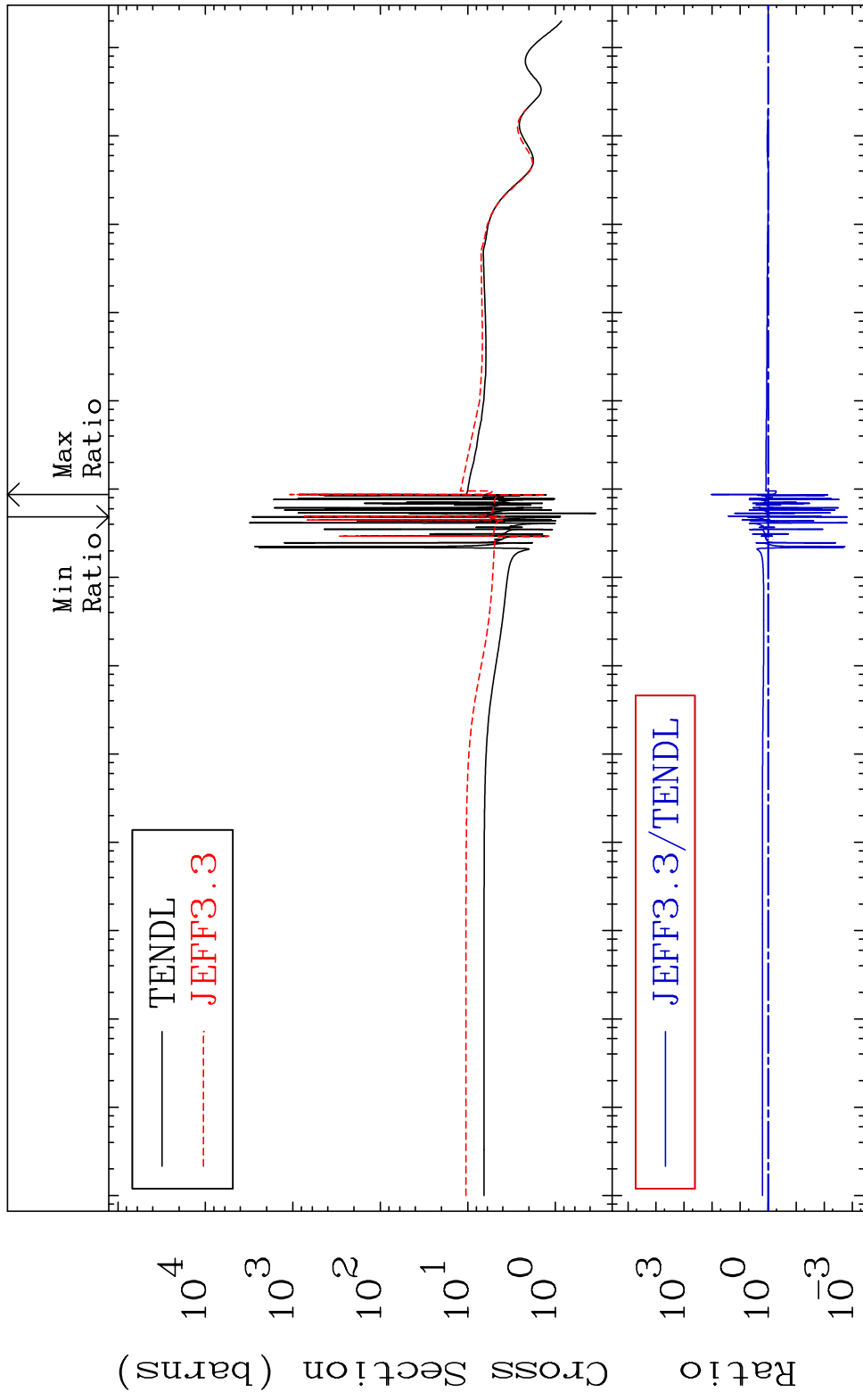
50-Sn-115

MAT 5034

Elastic

50-Sn-115

Cross Section -99.85 To 9999. %

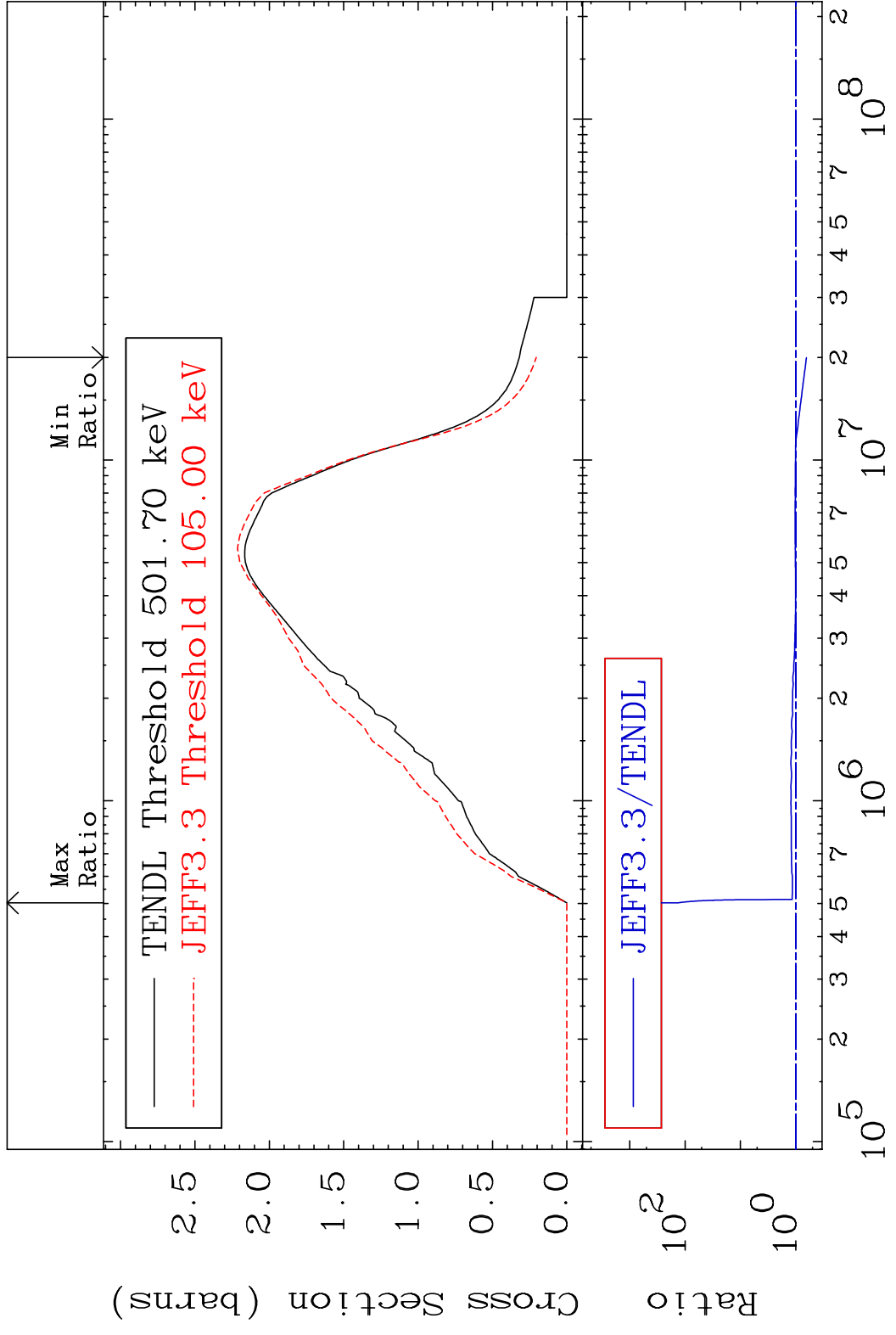


2

Incident Energy (eV)

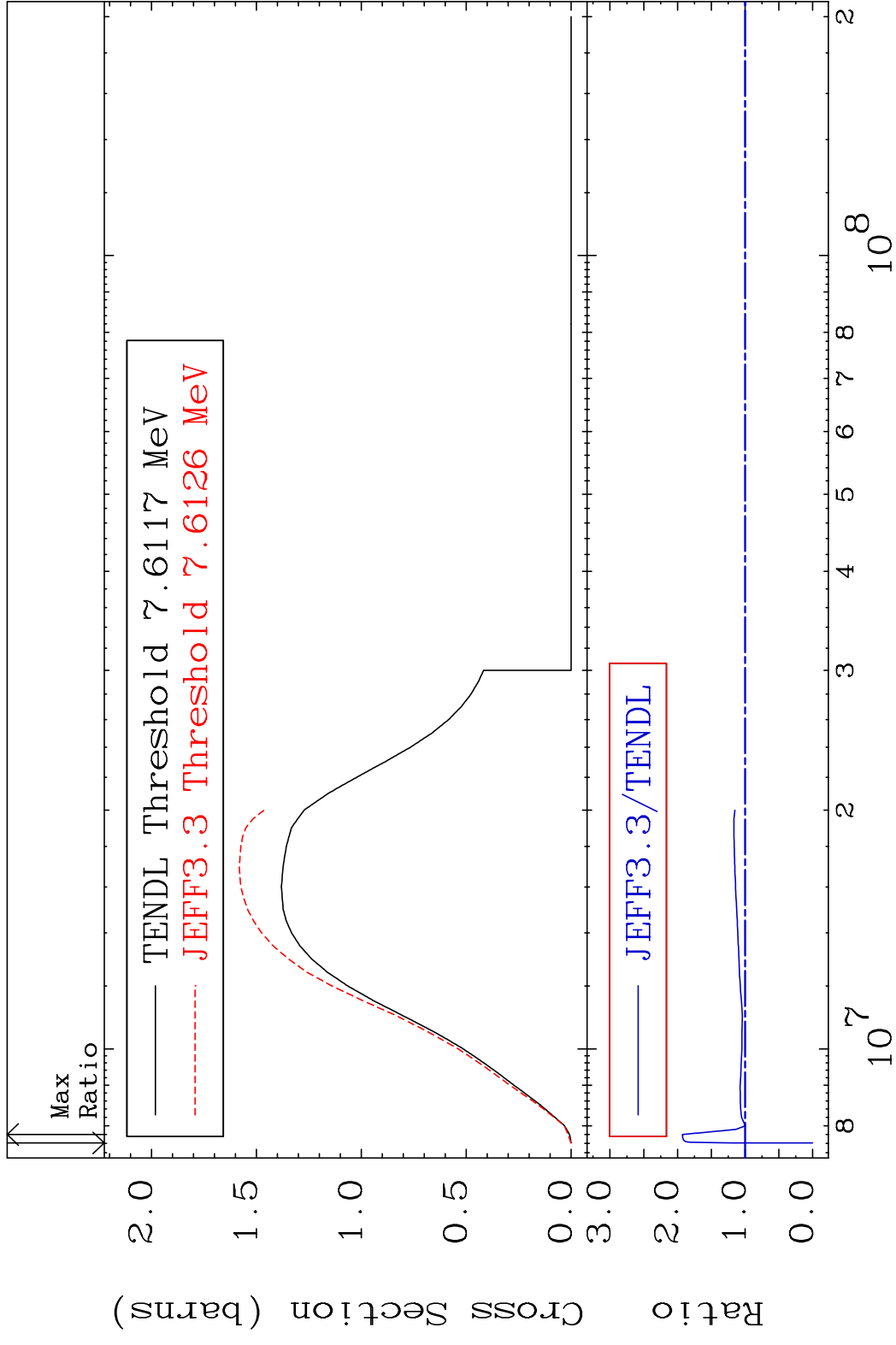
50-Sn-115

MAT 5034 Inelastic 50-Sn-115
 Cross Section -35.67 To 9999. %



3 Incident Energy (eV) 50-Sn-115

MAT 5034 (n,2n) 50-Sn-115
 Cross Section -100.0 To 92.82 %



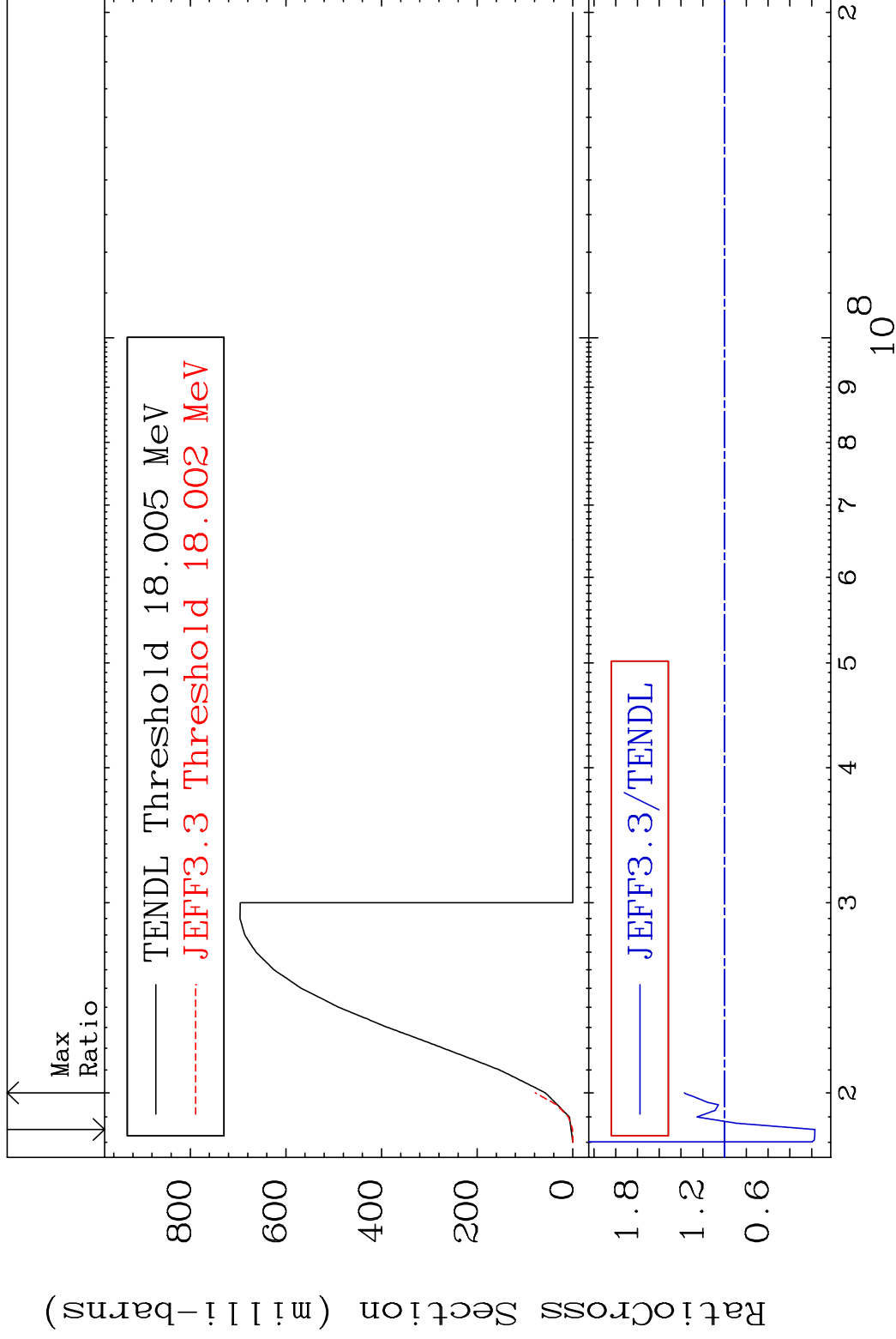
4 Incident Energy (eV) 50-Sn-115

MAT 5034

(n,3n)

50-Sn-115

Cross Section -82.99 To 36.98 %

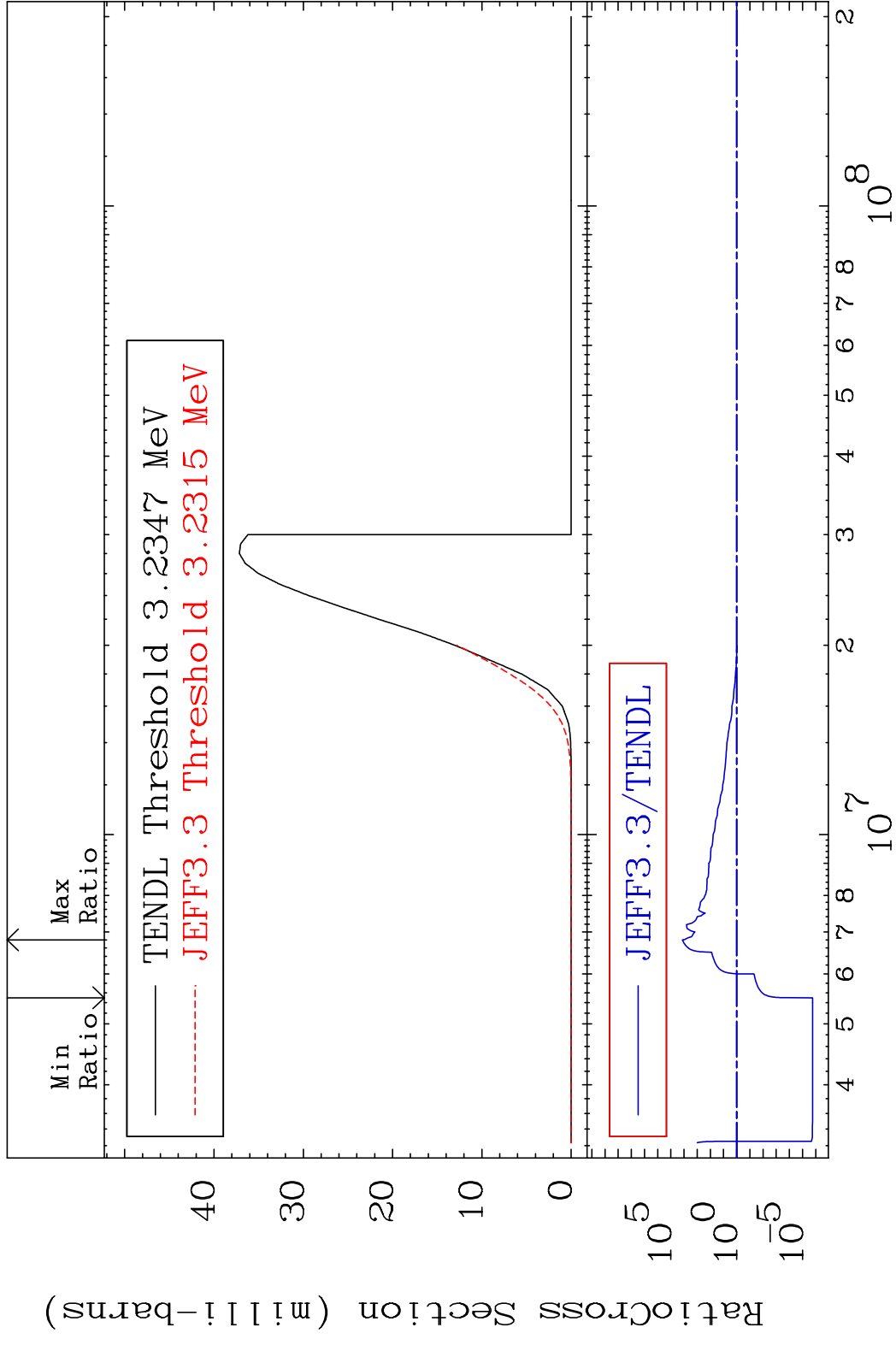


5

Incident Energy (eV)

50-Sn-115

MAT 5034 (n, n') α 50-Sn-115
 Cross Section -100.0 To 9999. %

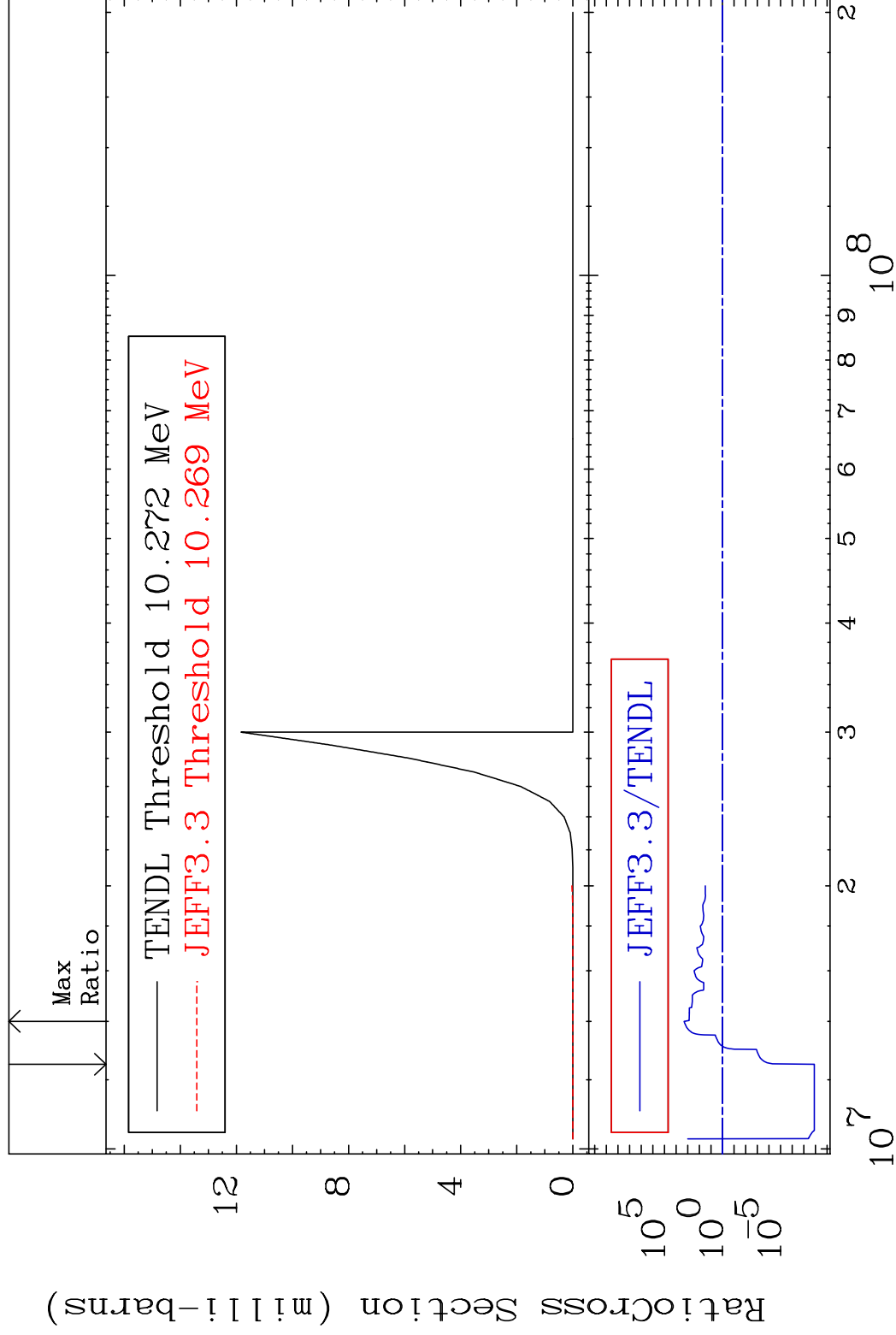


MAT 5034

(n,2n) α

50-Sn-115

Cross Section -100.0 To 9999. %



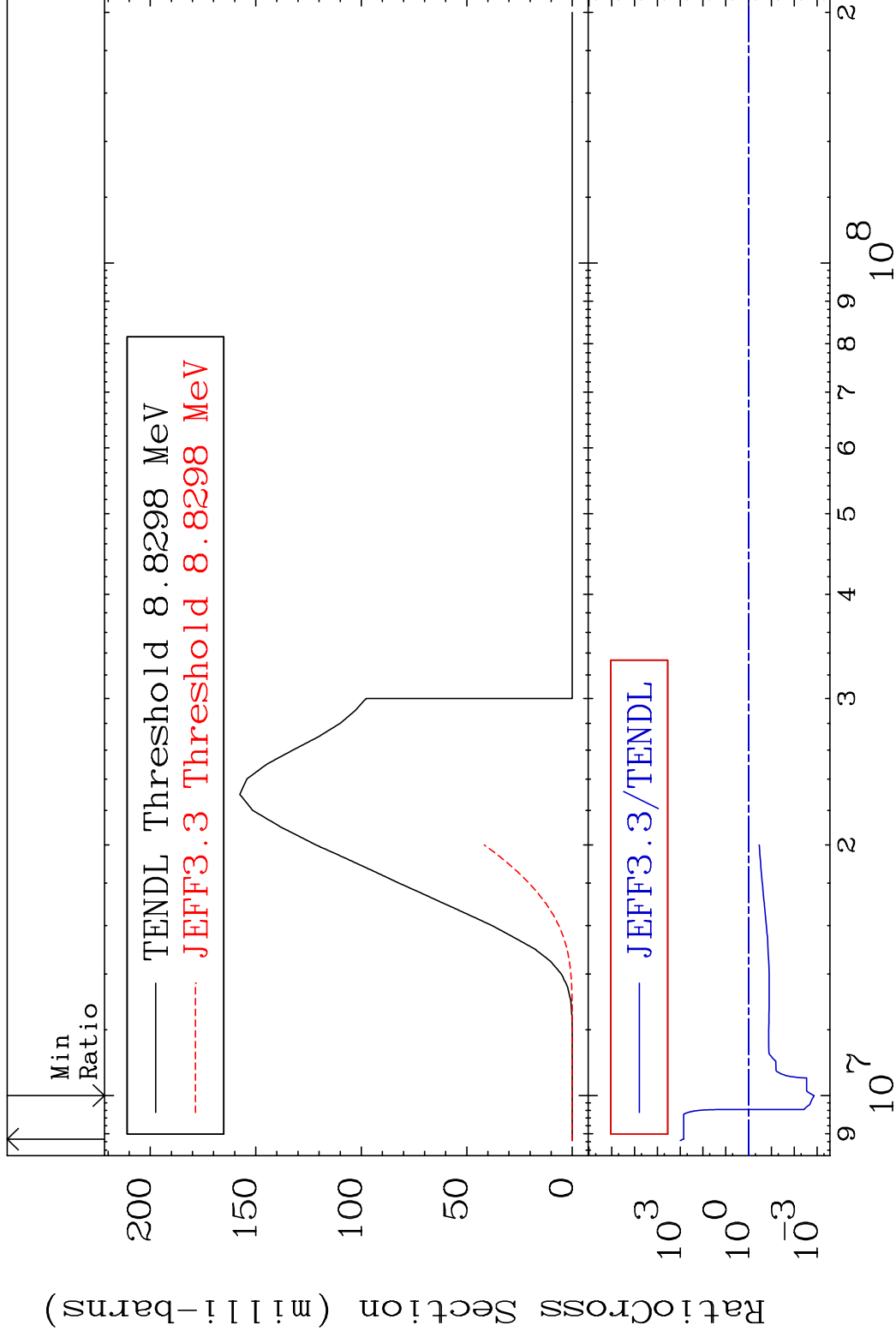
7

Incident Energy (eV)

50-Sn-115

MAT 5034

(n, n') p 50-Sn-115
Cross Section -99.87 To 9999. %



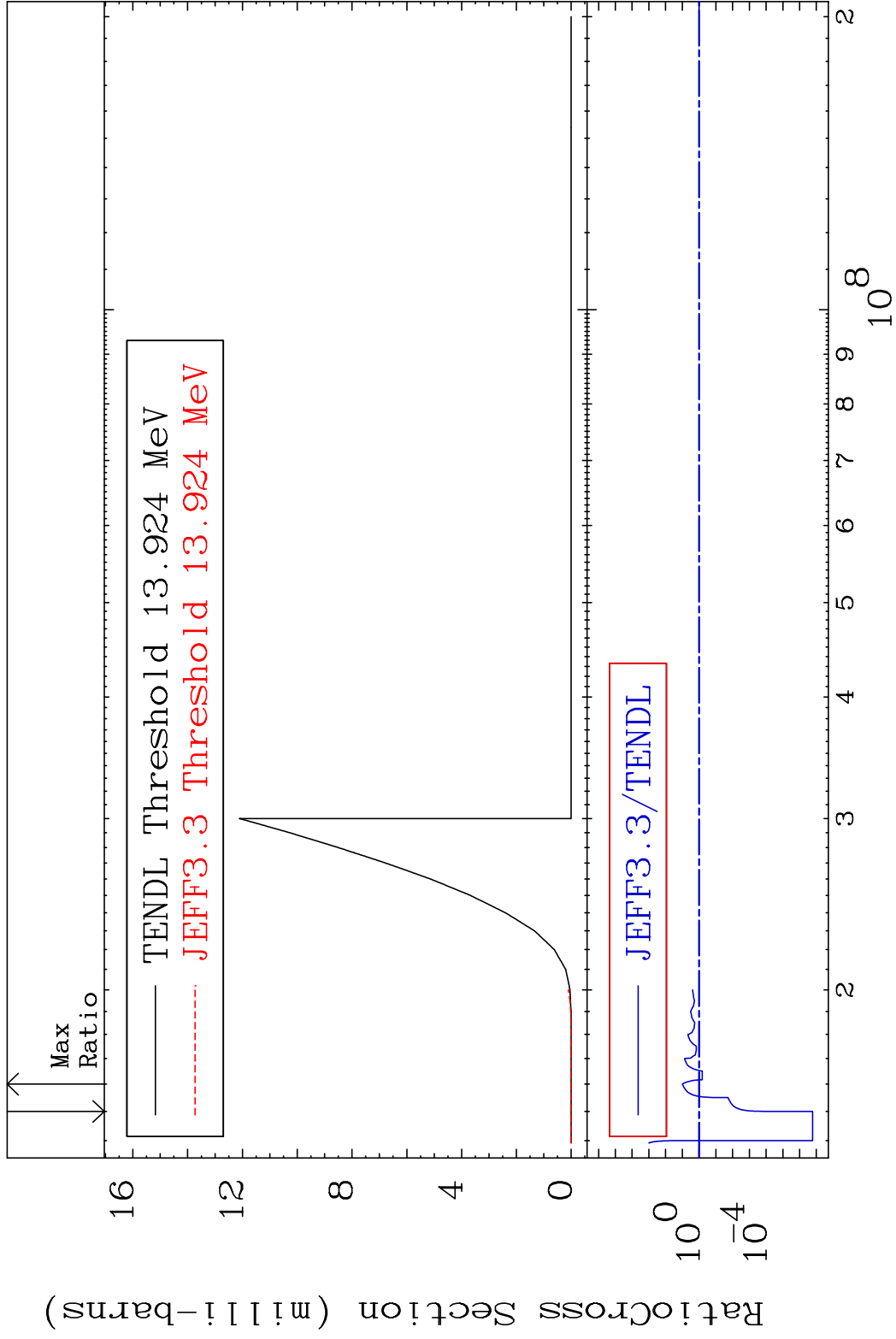
8 Incident Energy (eV) 50-Sn-115

MAT 5034

(n, n') d

50-Sn-115

Cross Section -100.0 To 900.1 %



9

Incident Energy (eV)

50-Sn-115

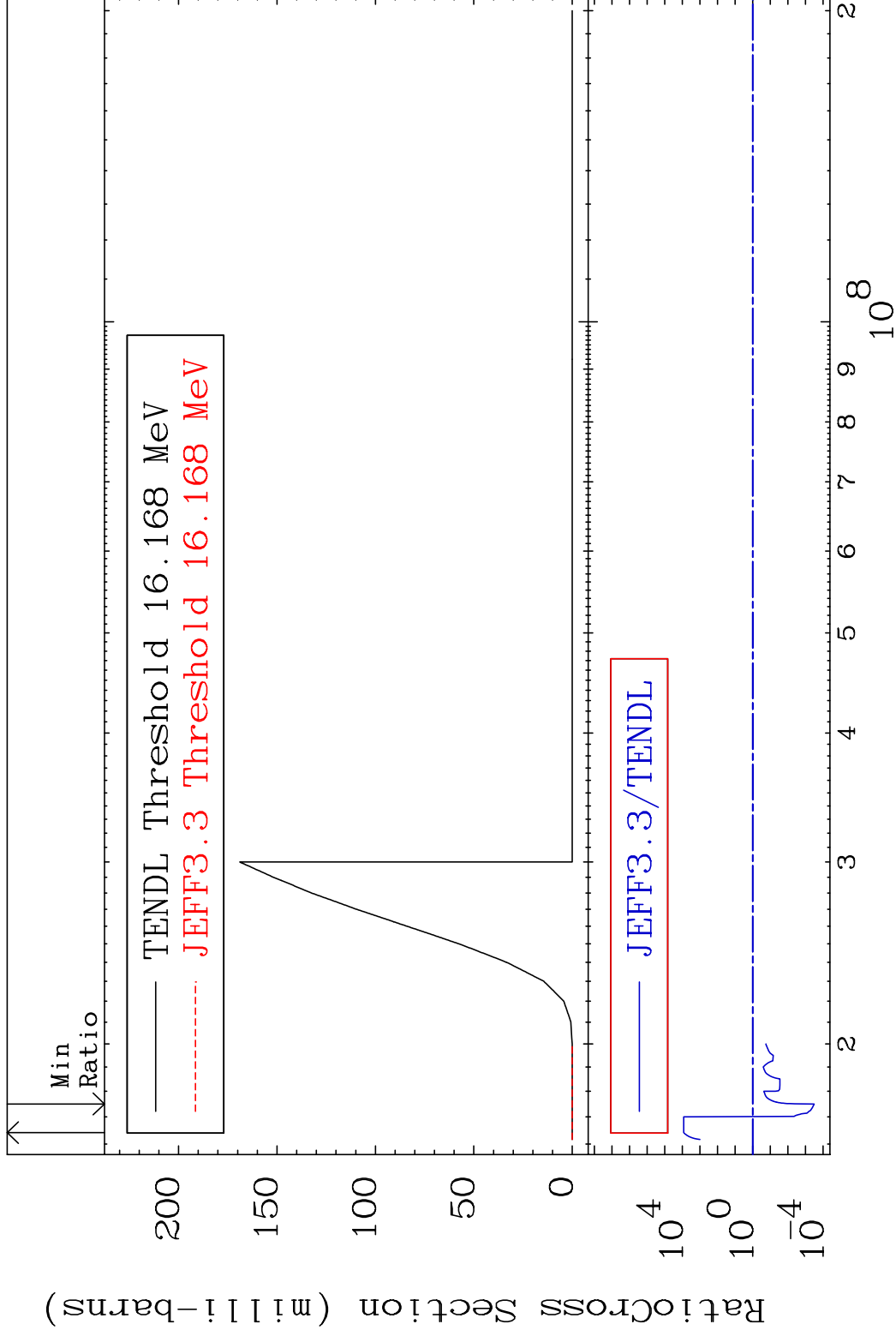
MAT 5034

(n,2n) p

50-Sn-115

Cross Section

-99.97 To 9999. %

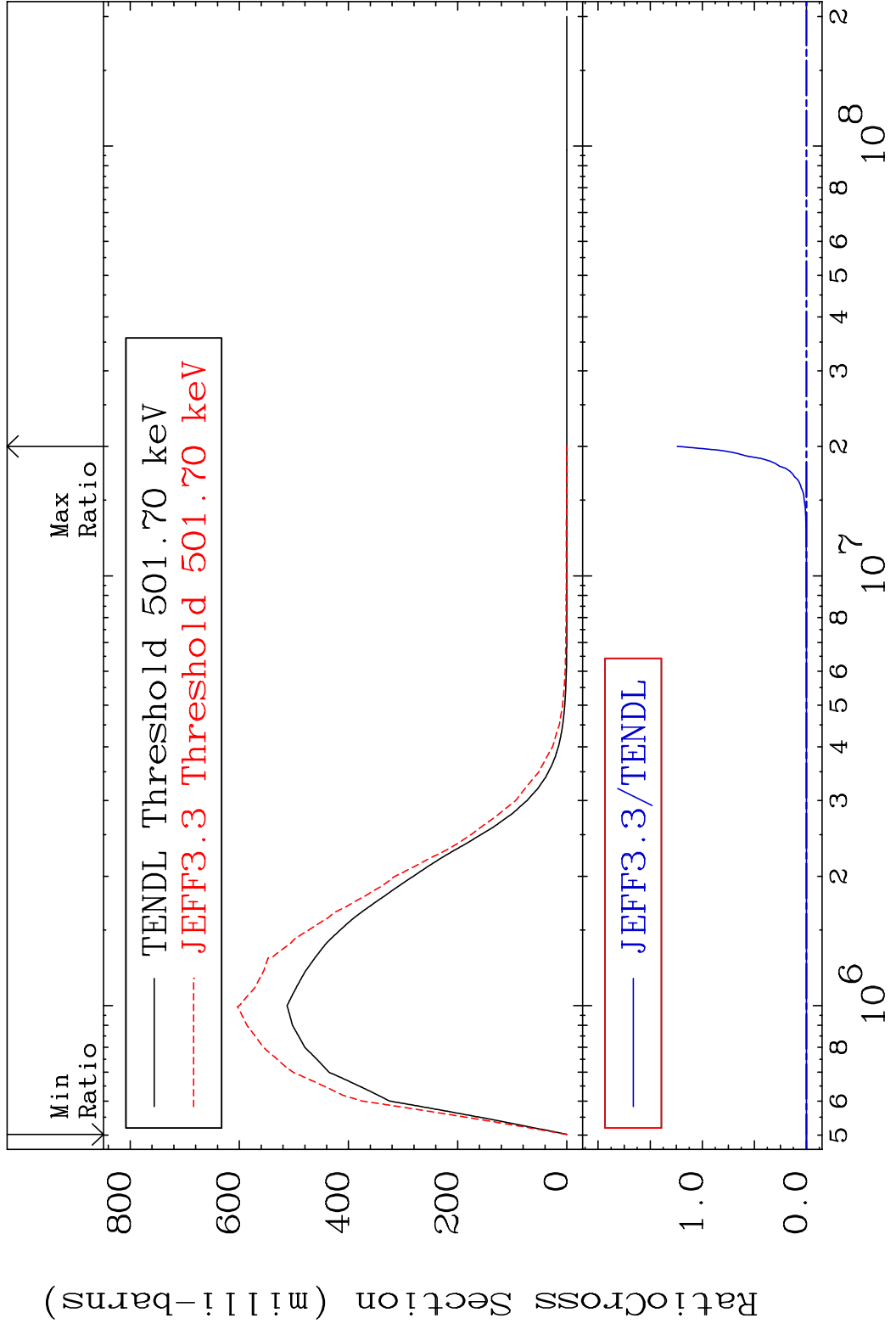


10

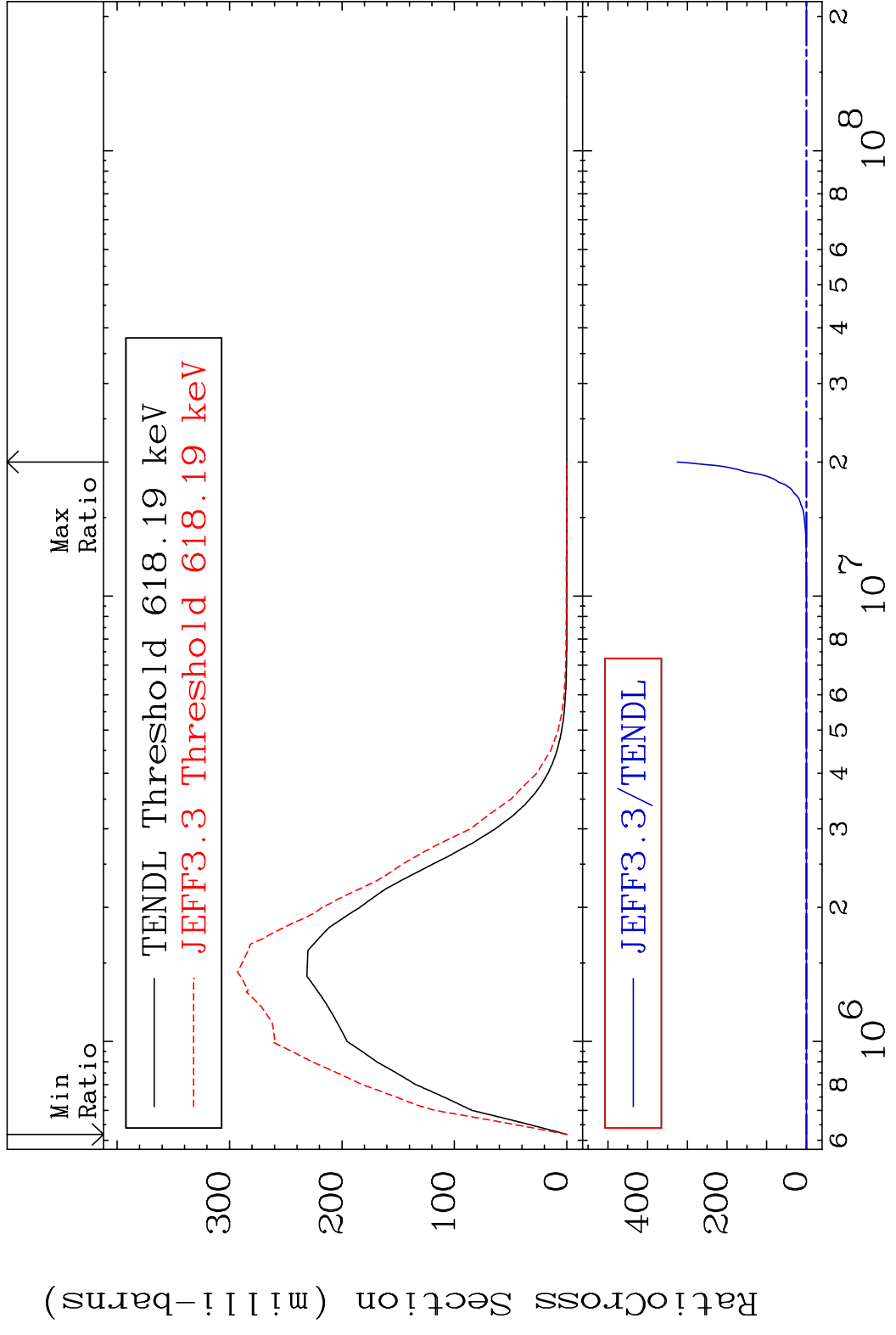
Incident Energy (eV)

50-Sn-115

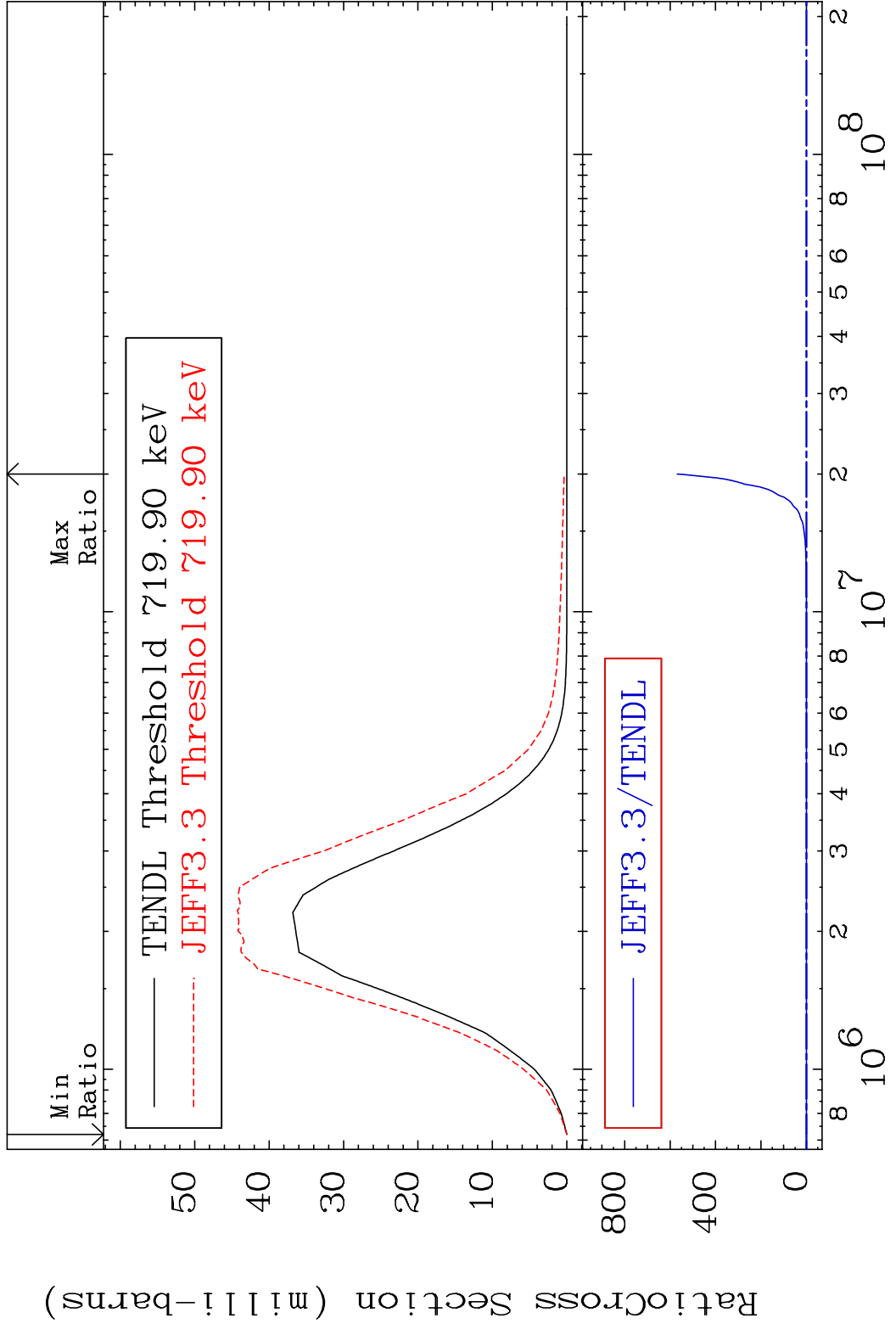
MAT 5034 MT= 51 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



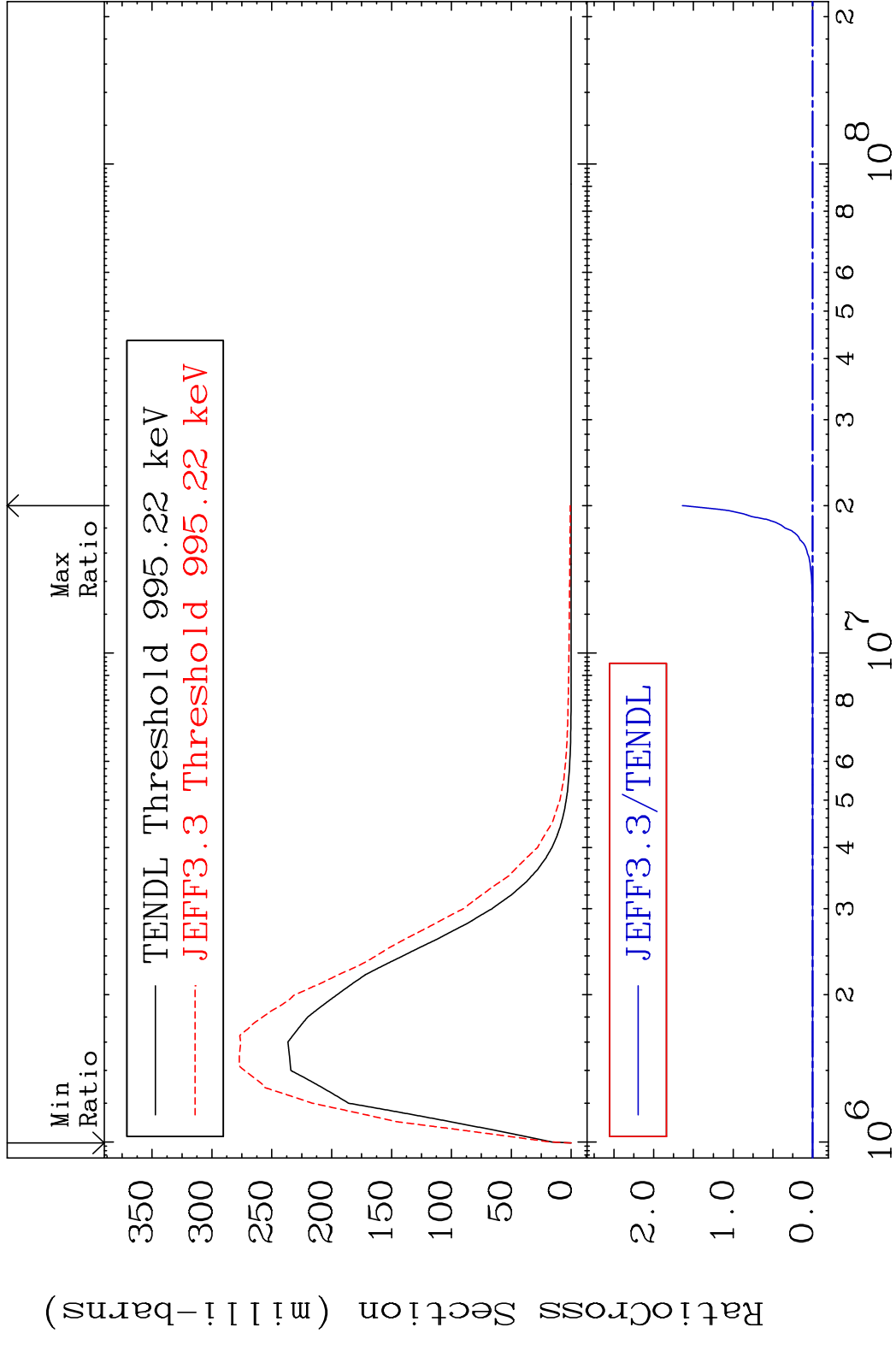
MAT 5034 MT= 52 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



MAT 5034 MT= 53 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

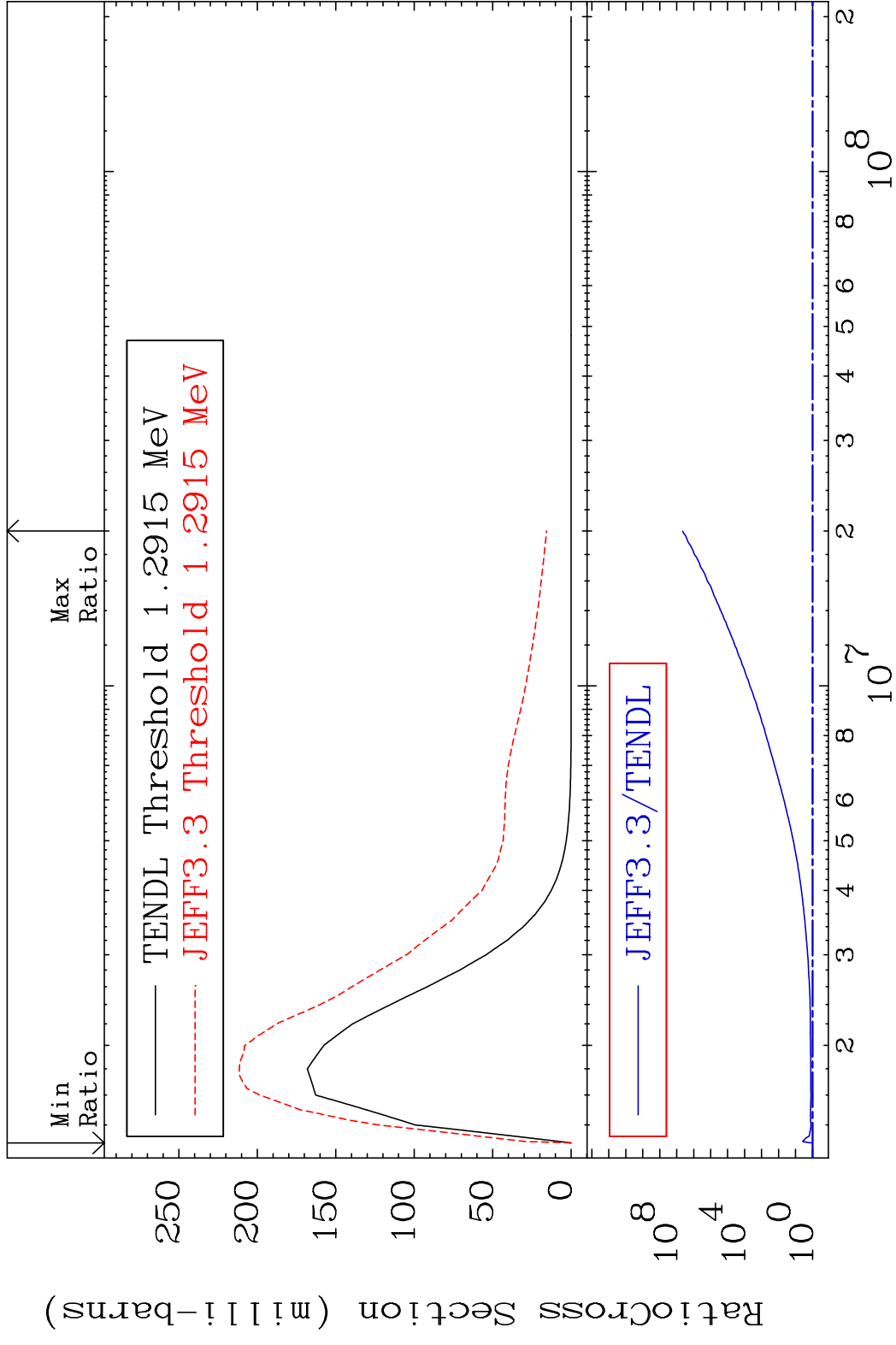


MAT 5034 MT= 54 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

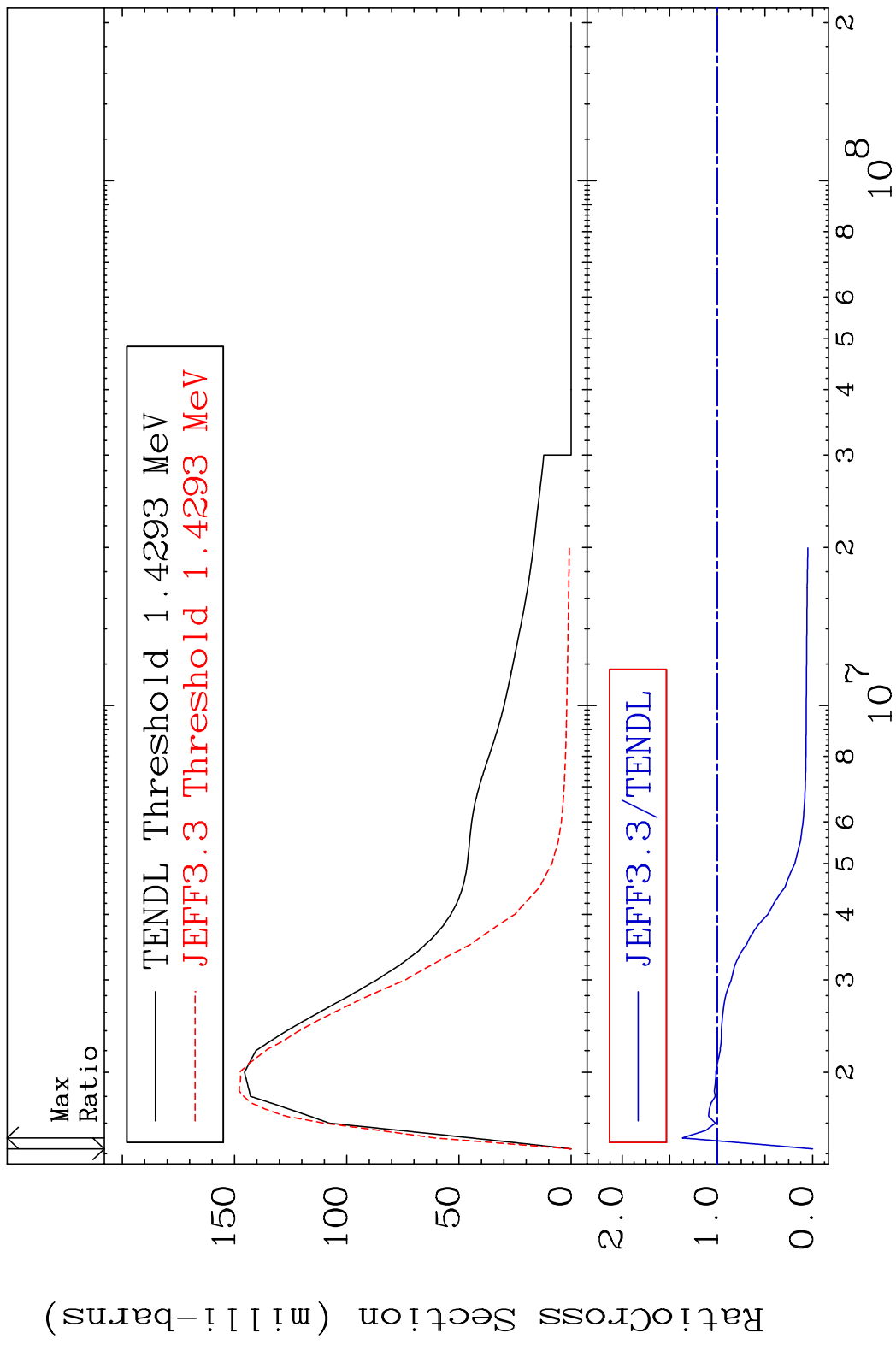


14 Incident Energy (eV) 50-Sn-115

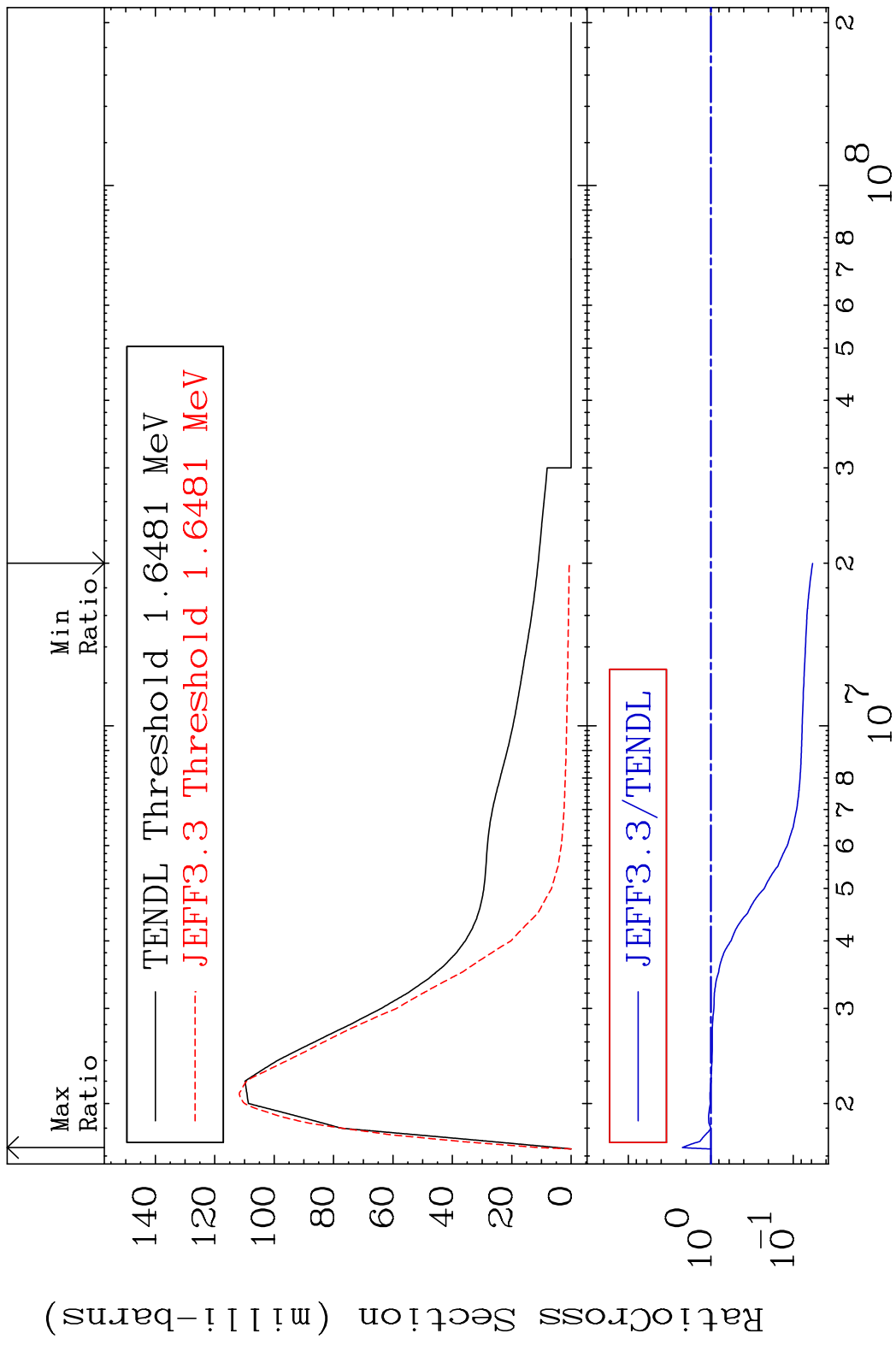
MAT 5034 MT= 55 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



MAT 5034 MT= 56 (n,n') Level 50-Sn-115
 Cross Section -100.0 To 36.71 %

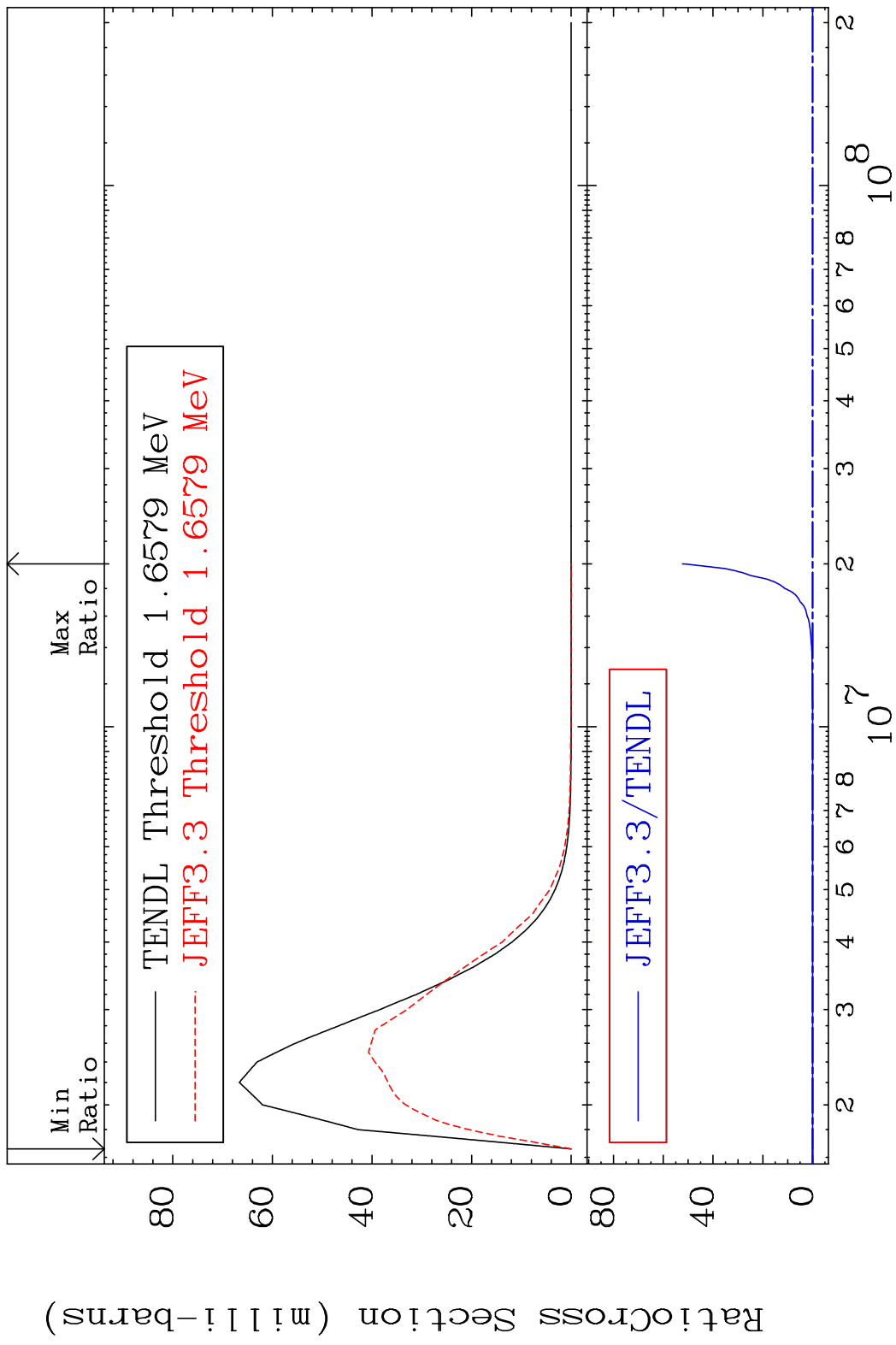


MAT 5034 MT= 57 (n,n') Level 50-Sn-115
 Cross Section -94.17 To 121.6 %

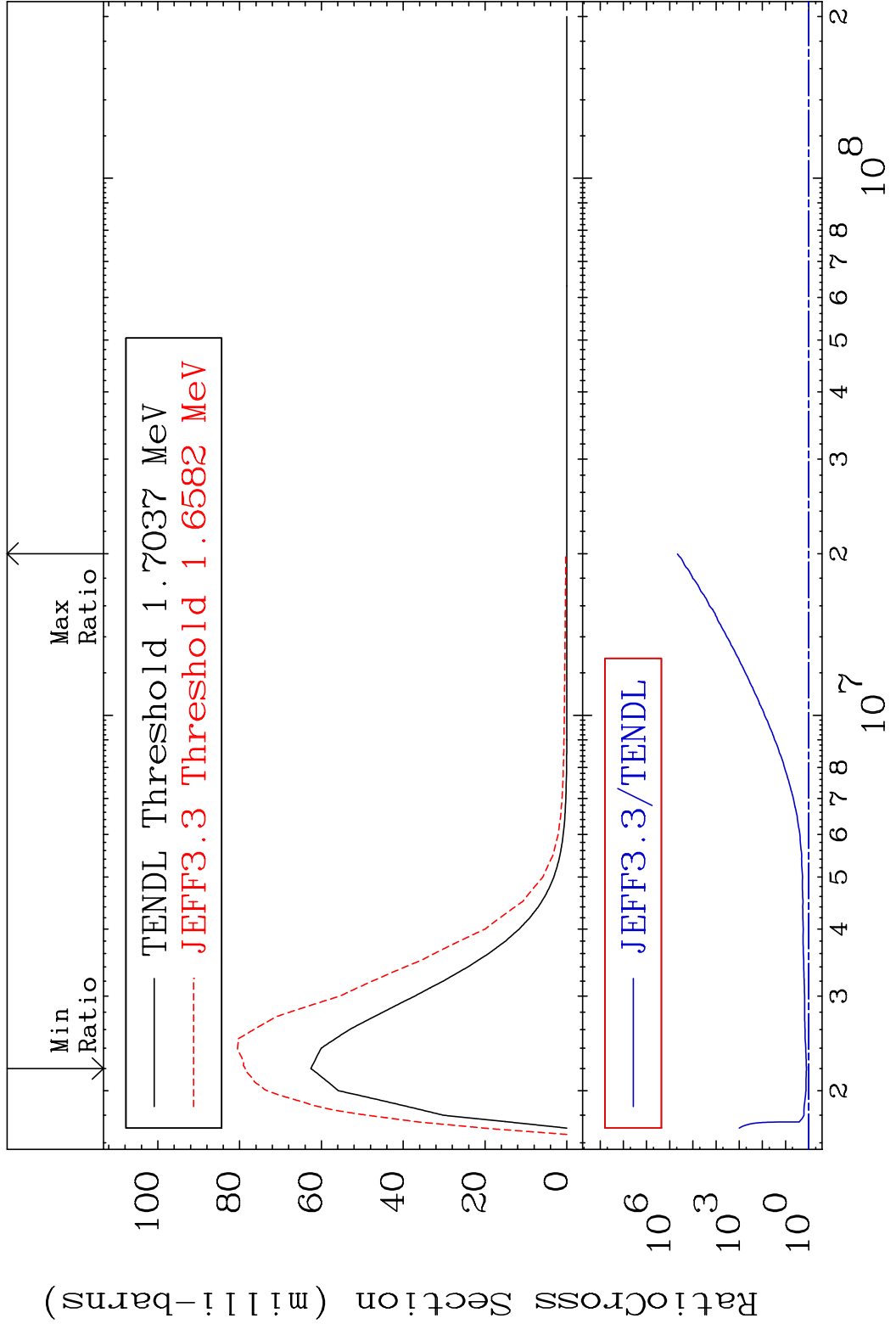


17 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 58 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

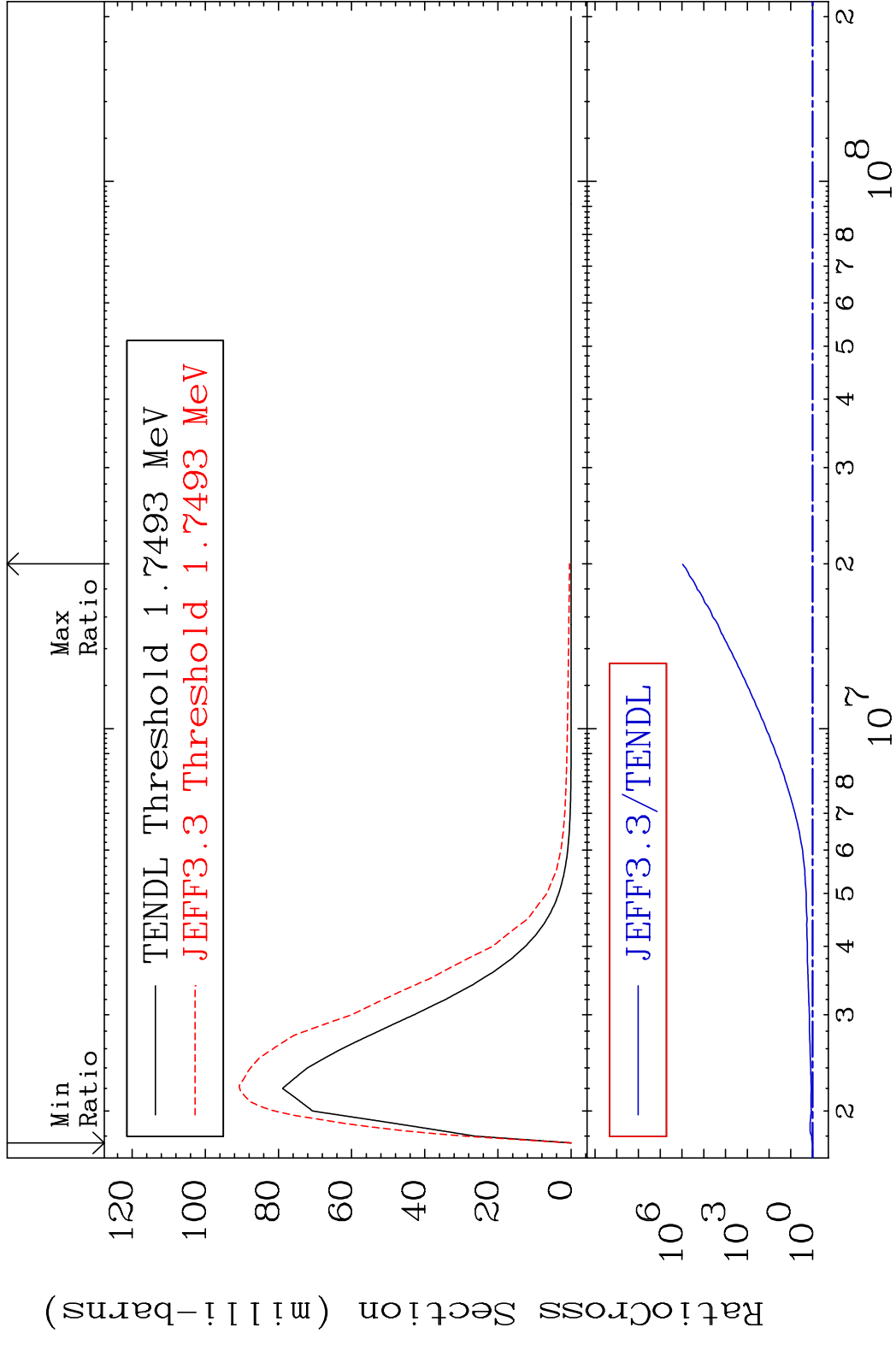


MAT 5034 MT= 59 (n, n') Level 50-Sn-115
 Cross Section 25.70 To 9999. %



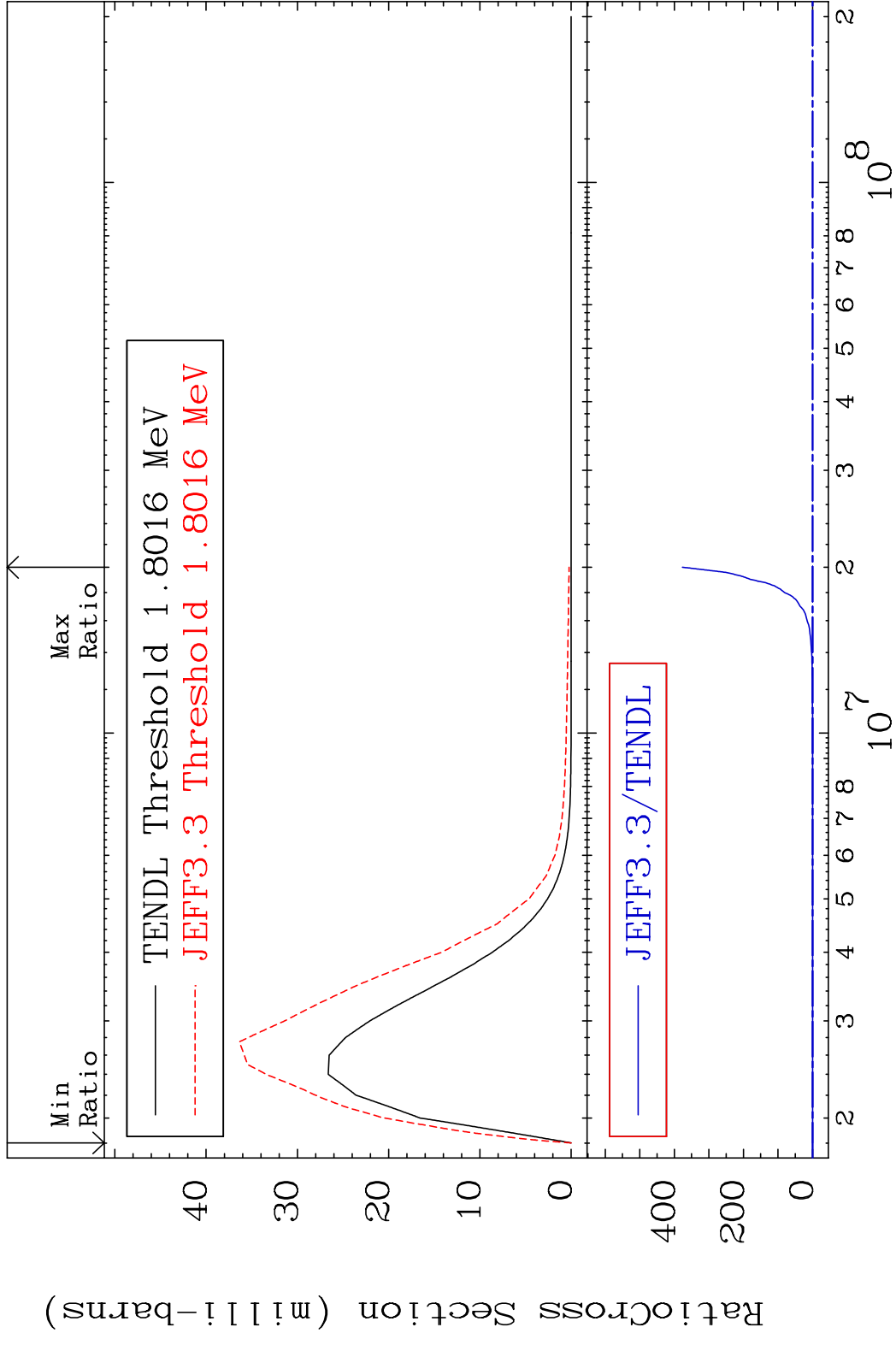
19 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 60 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %

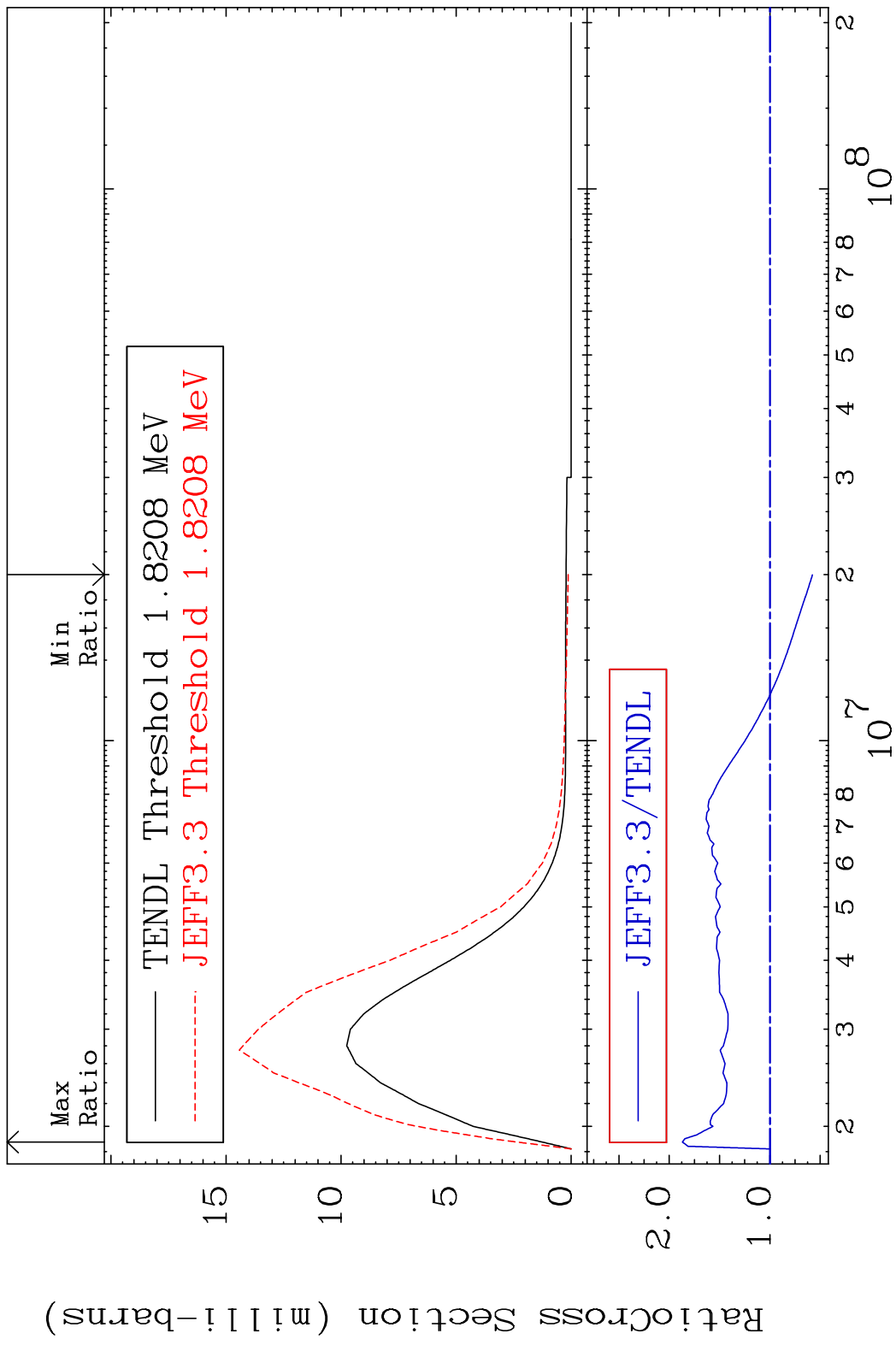


20 Incident Energy (eV) 50-Sn-115

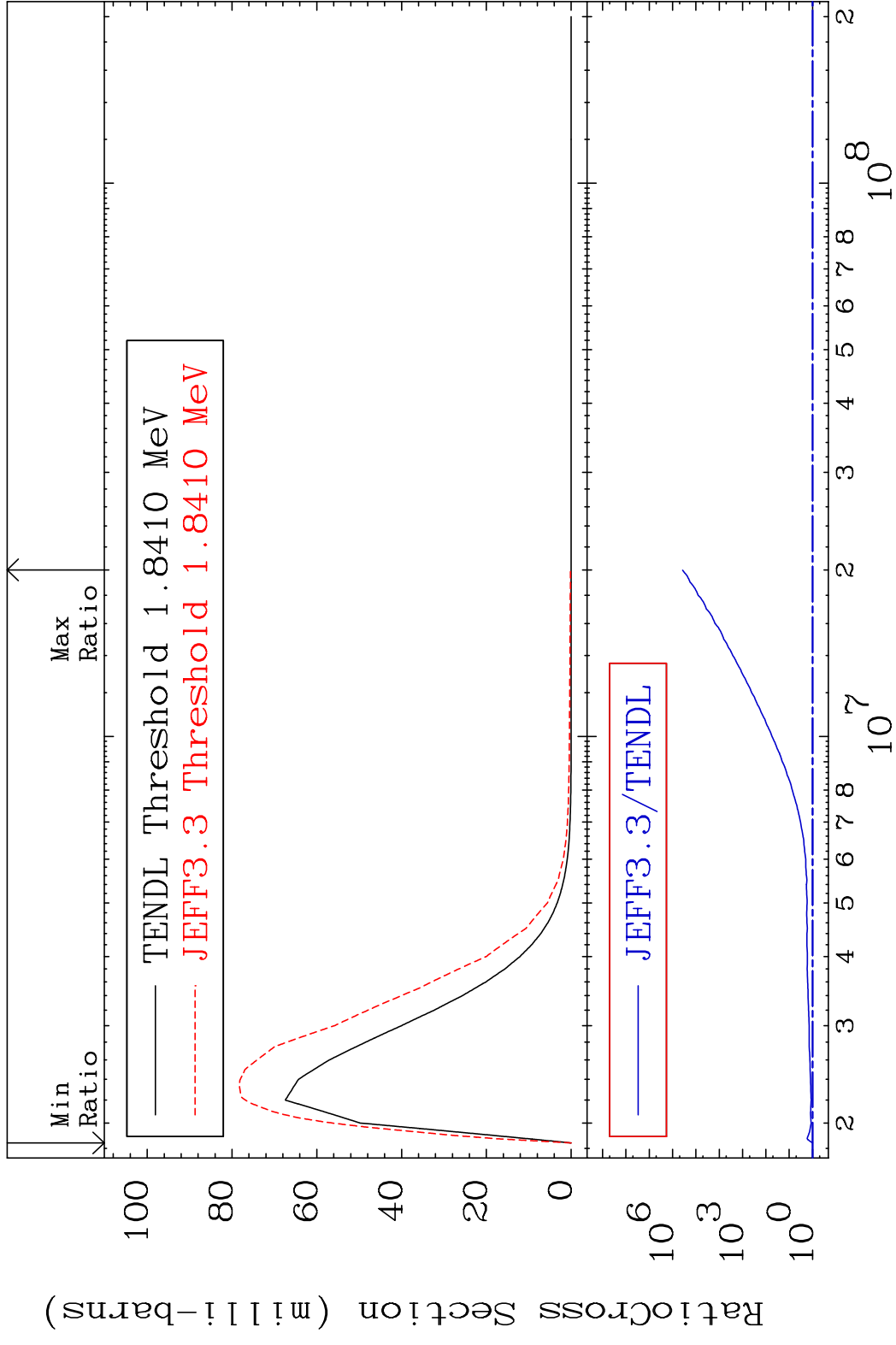
MAT 5034 MT= 61 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



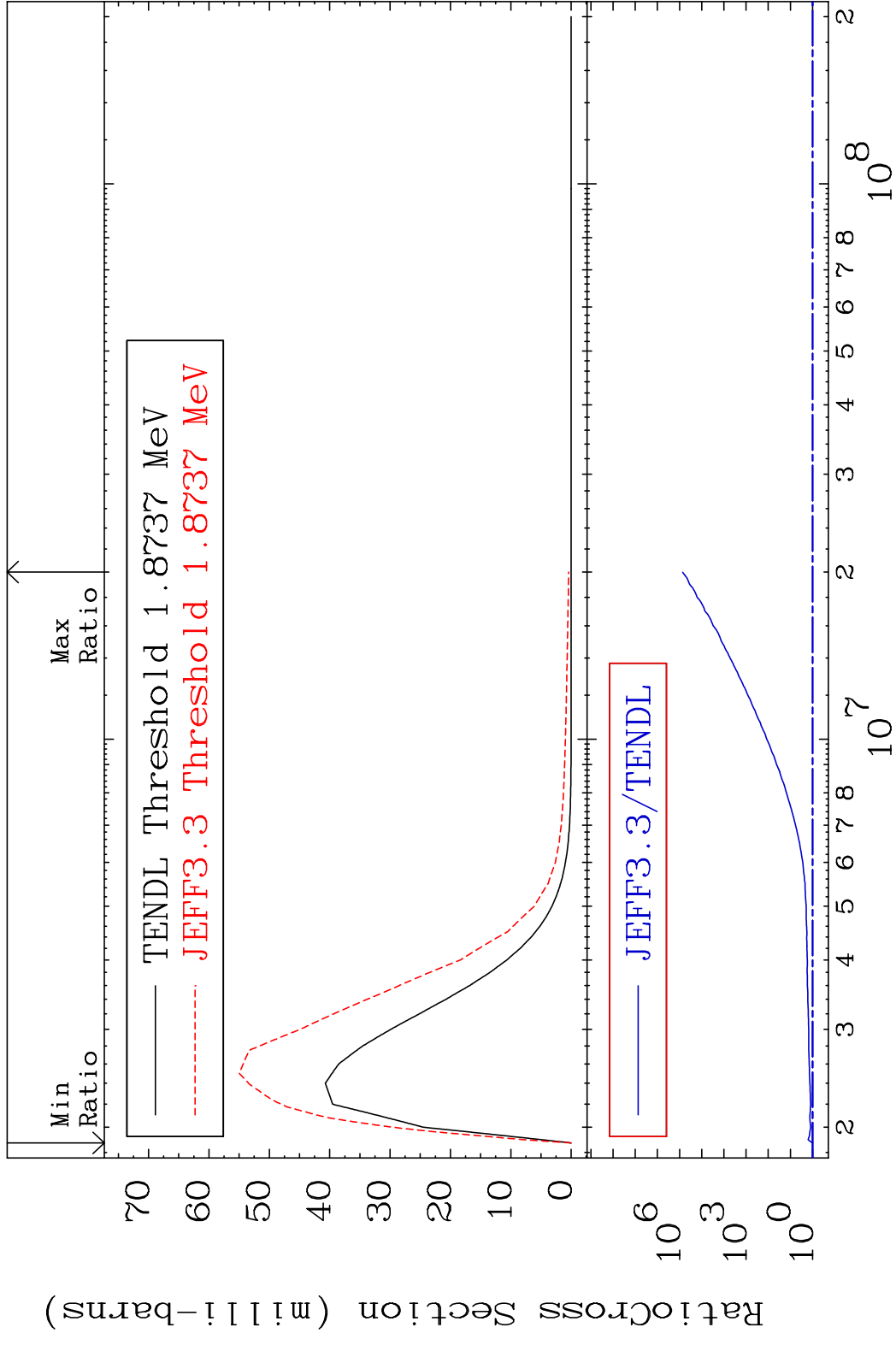
MAT 5034 MT= 62 (n, n') Level 50-Sn-115
 Cross Section -42.40 To 86.95 %



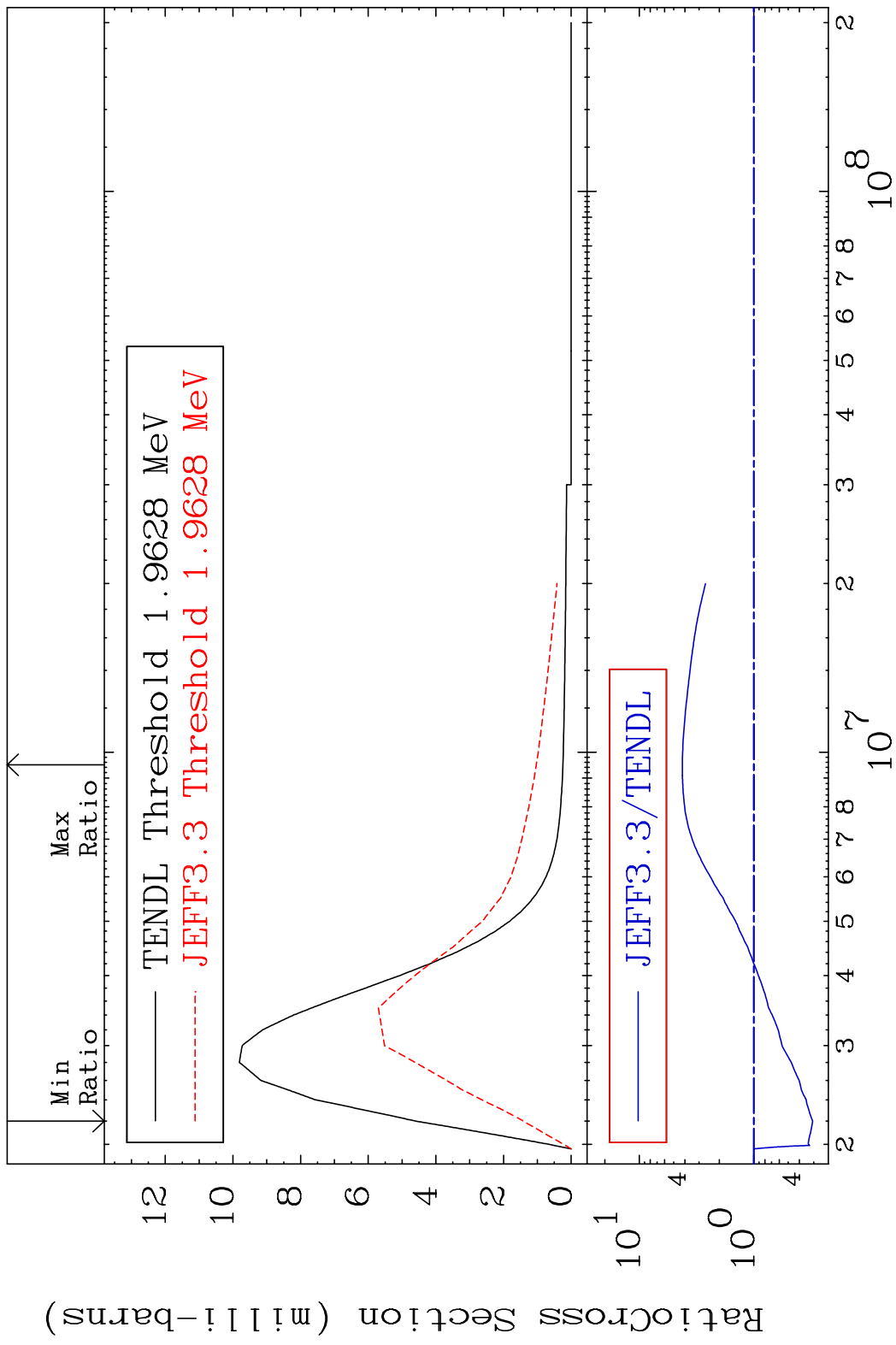
MAT 5034 MT= 63 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



MAT 5034 MT= 64 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %

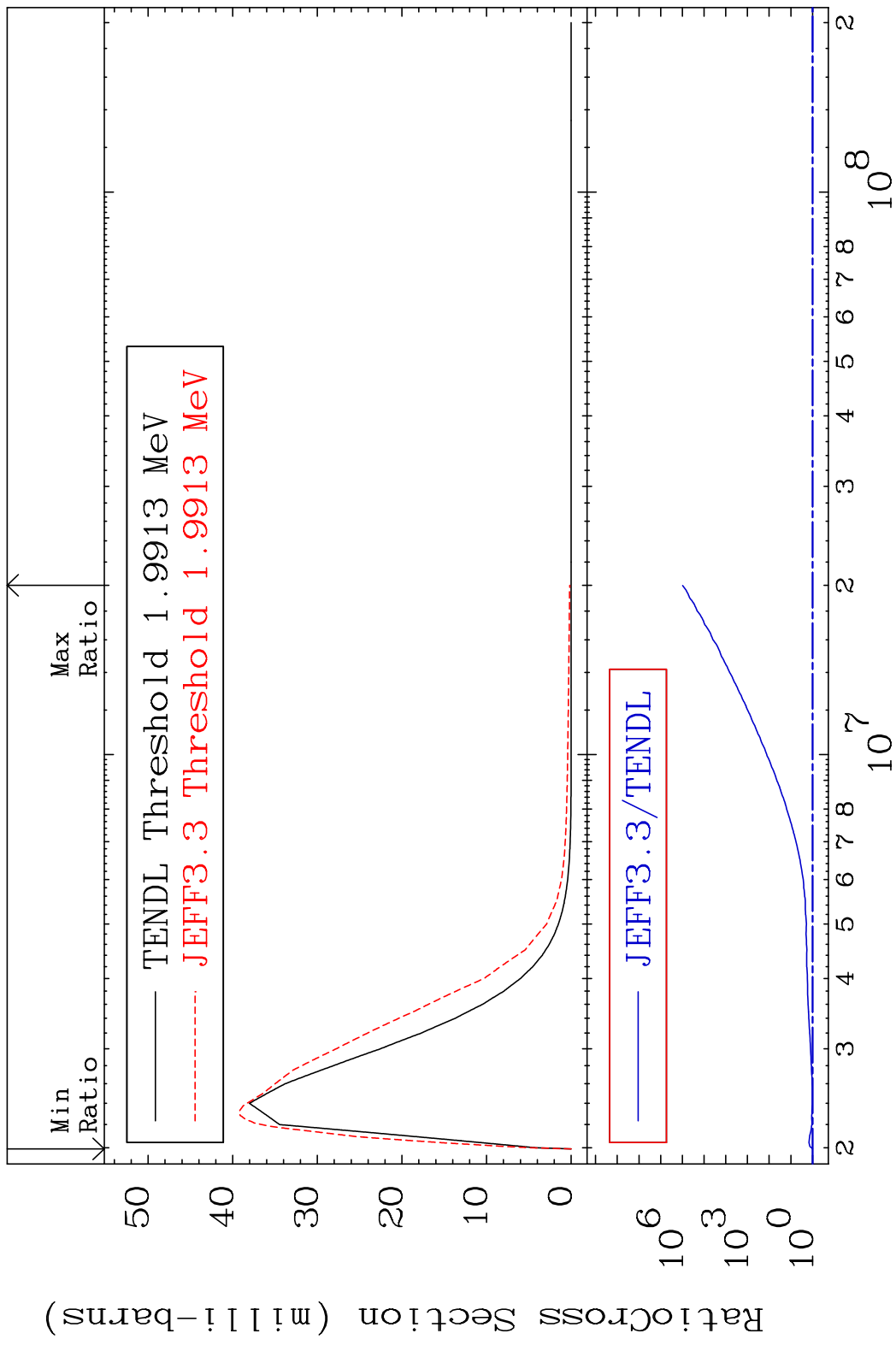


MAT 5034 MT= 65 (n, n') Level 50-Sn-115
 Cross Section -69.31 To 320.3 %

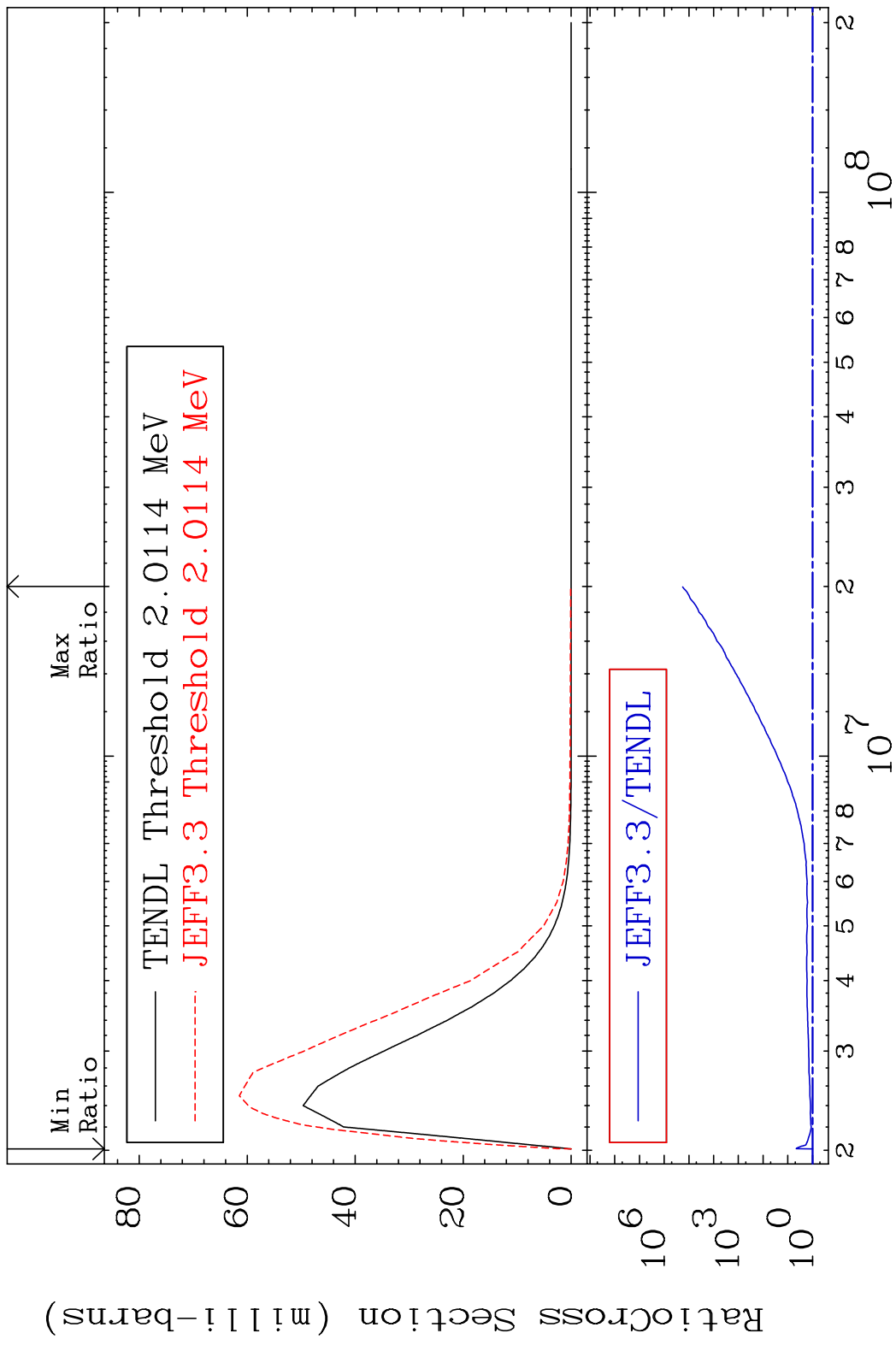


25 Incident Energy (eV) 50-Sn-115

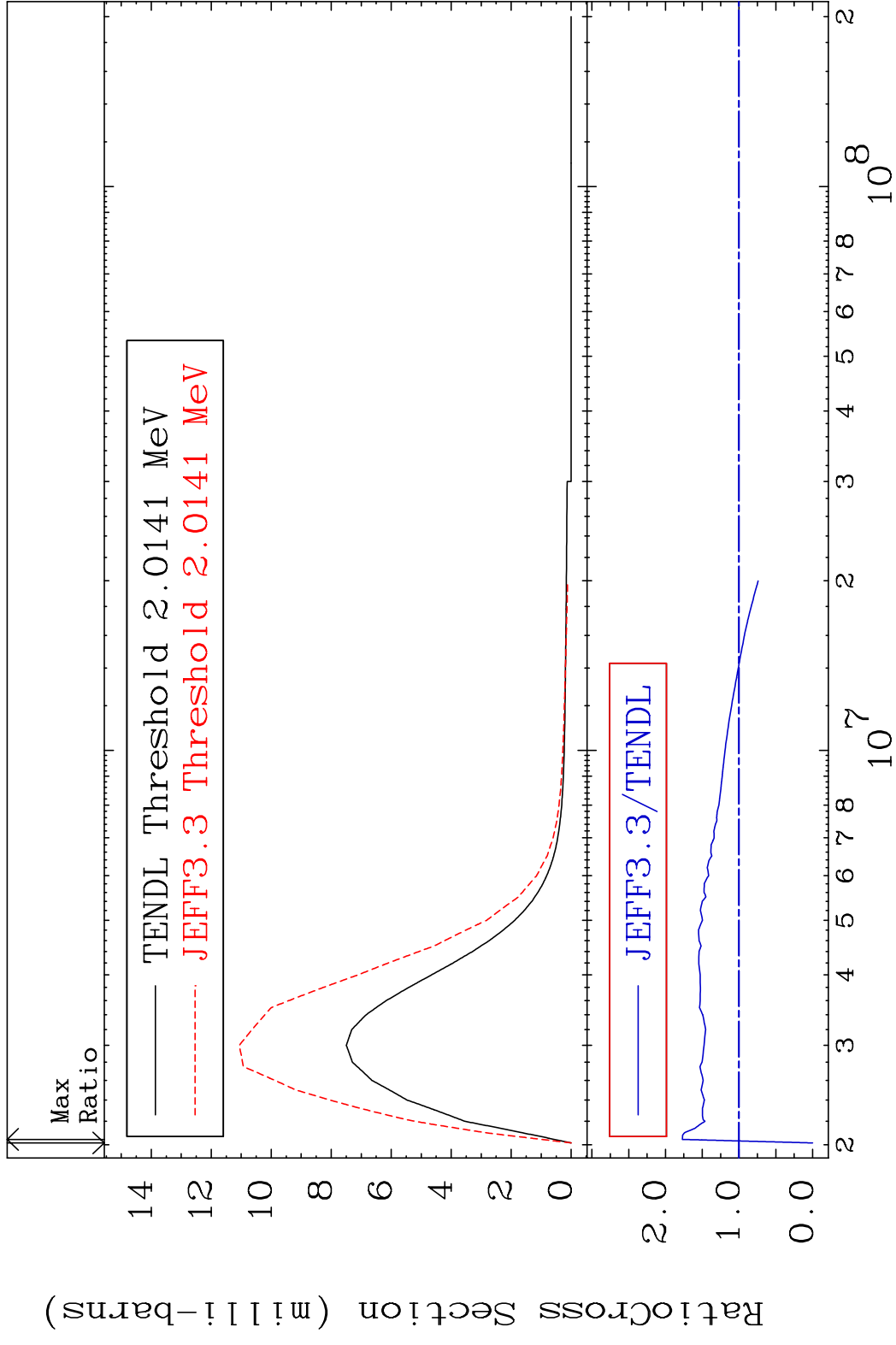
MAT 5034 MT= 66 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



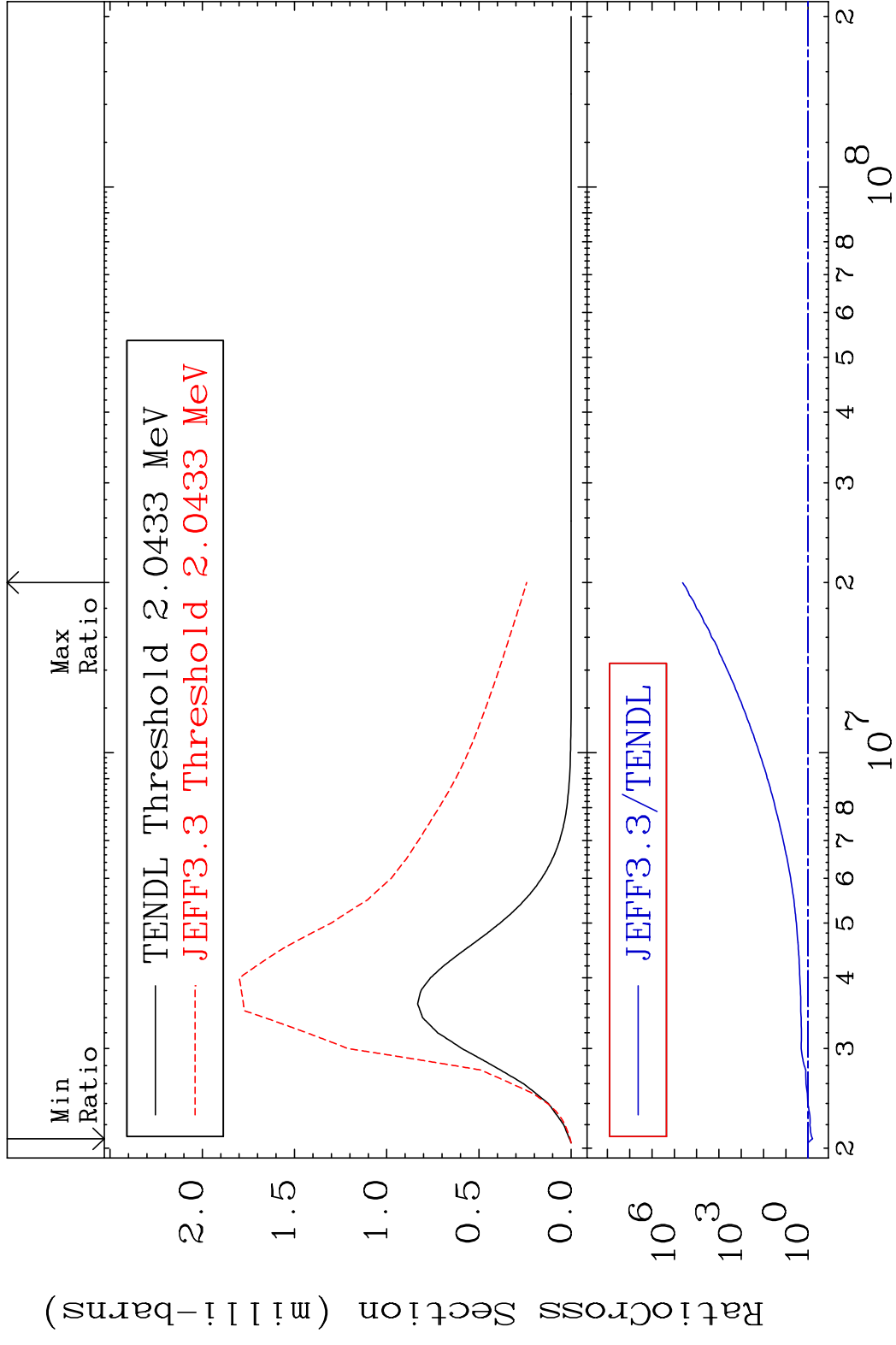
MAT 5034 MT= 67 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



MAT 5034 MT= 68 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 77.04 %

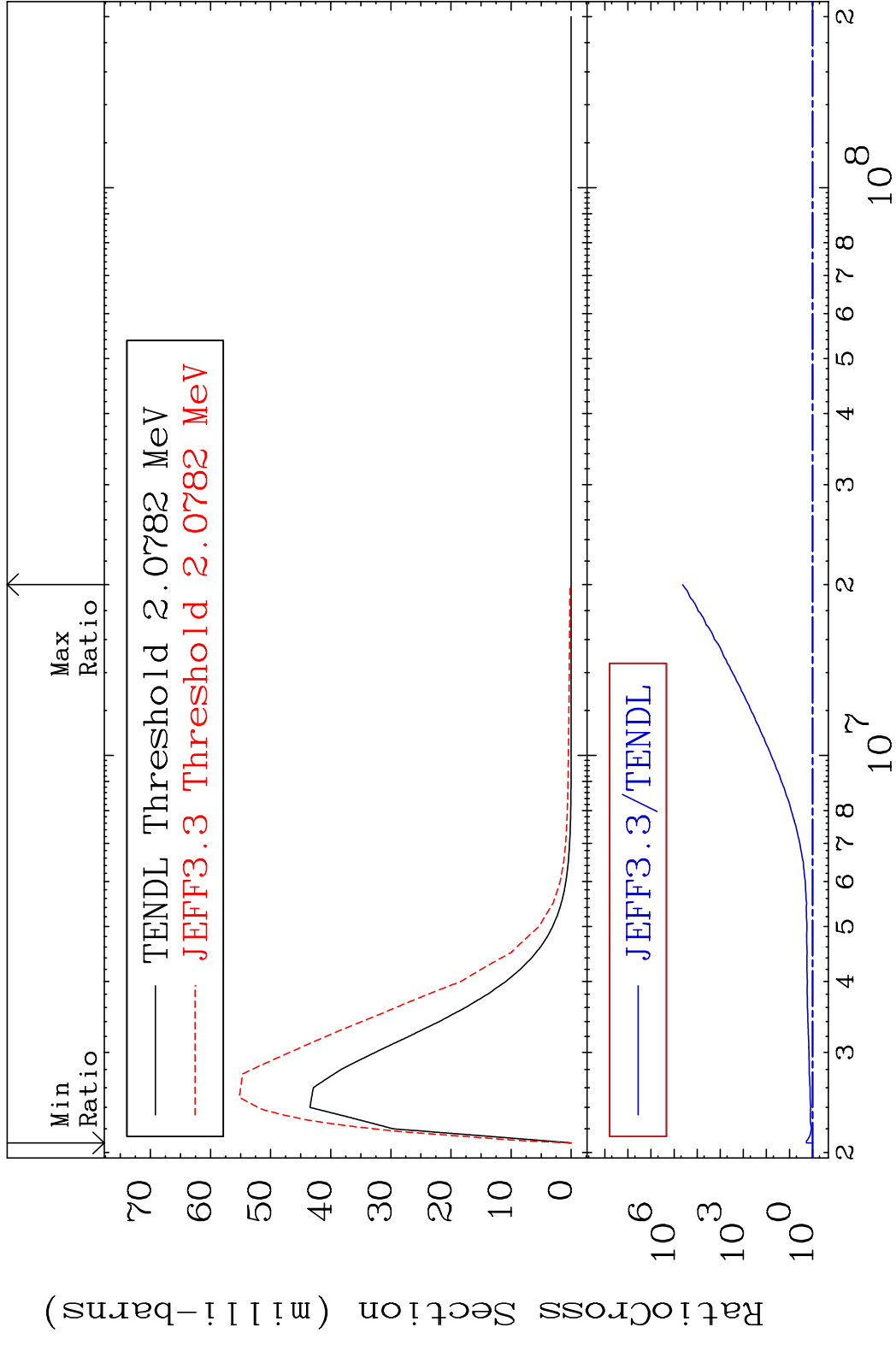


MAT 5034 MT= 69 (n, n') Level 50-Sn-115
 Cross Section -36.68 To 9999. %

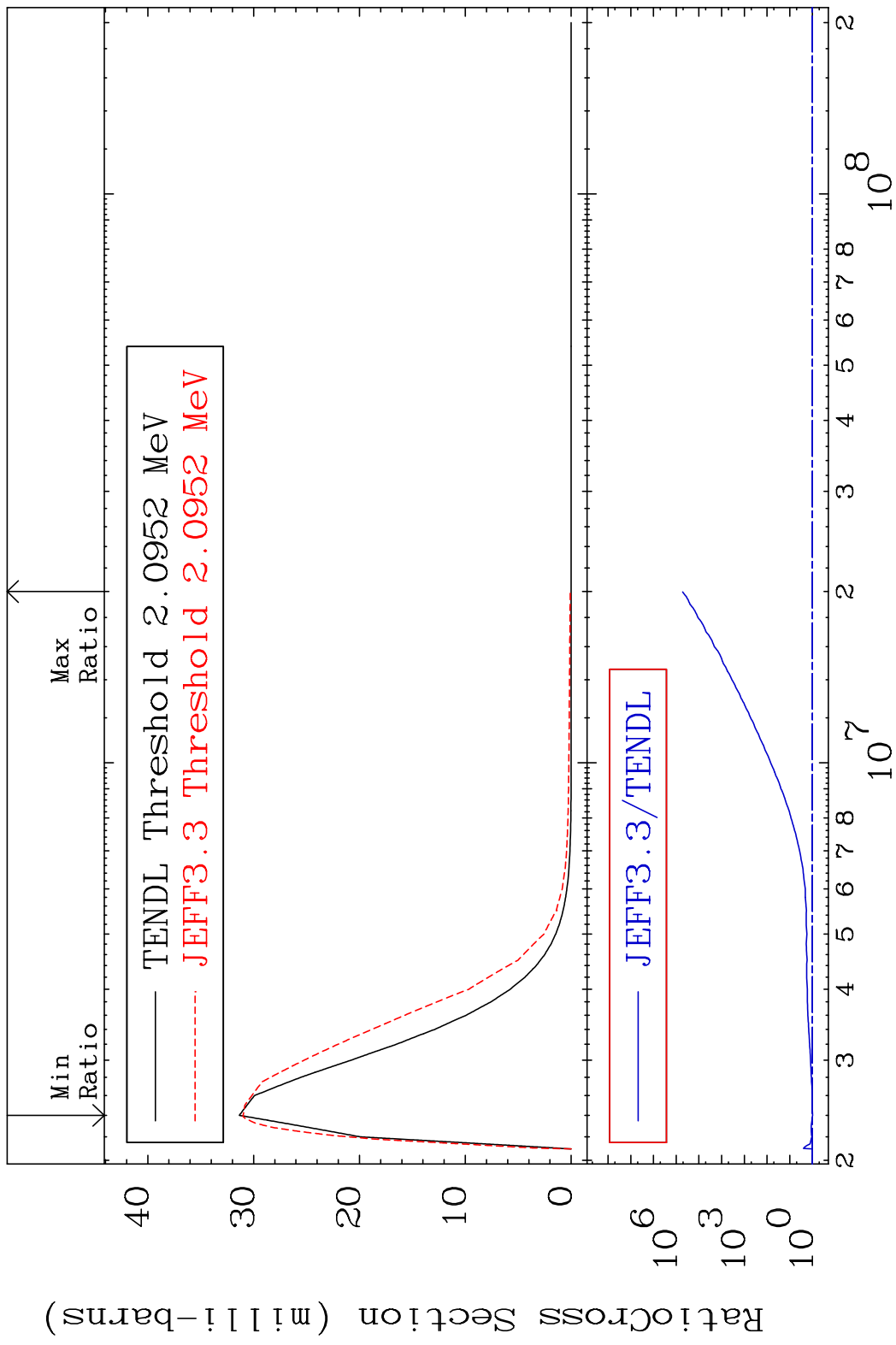


29 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 70 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %

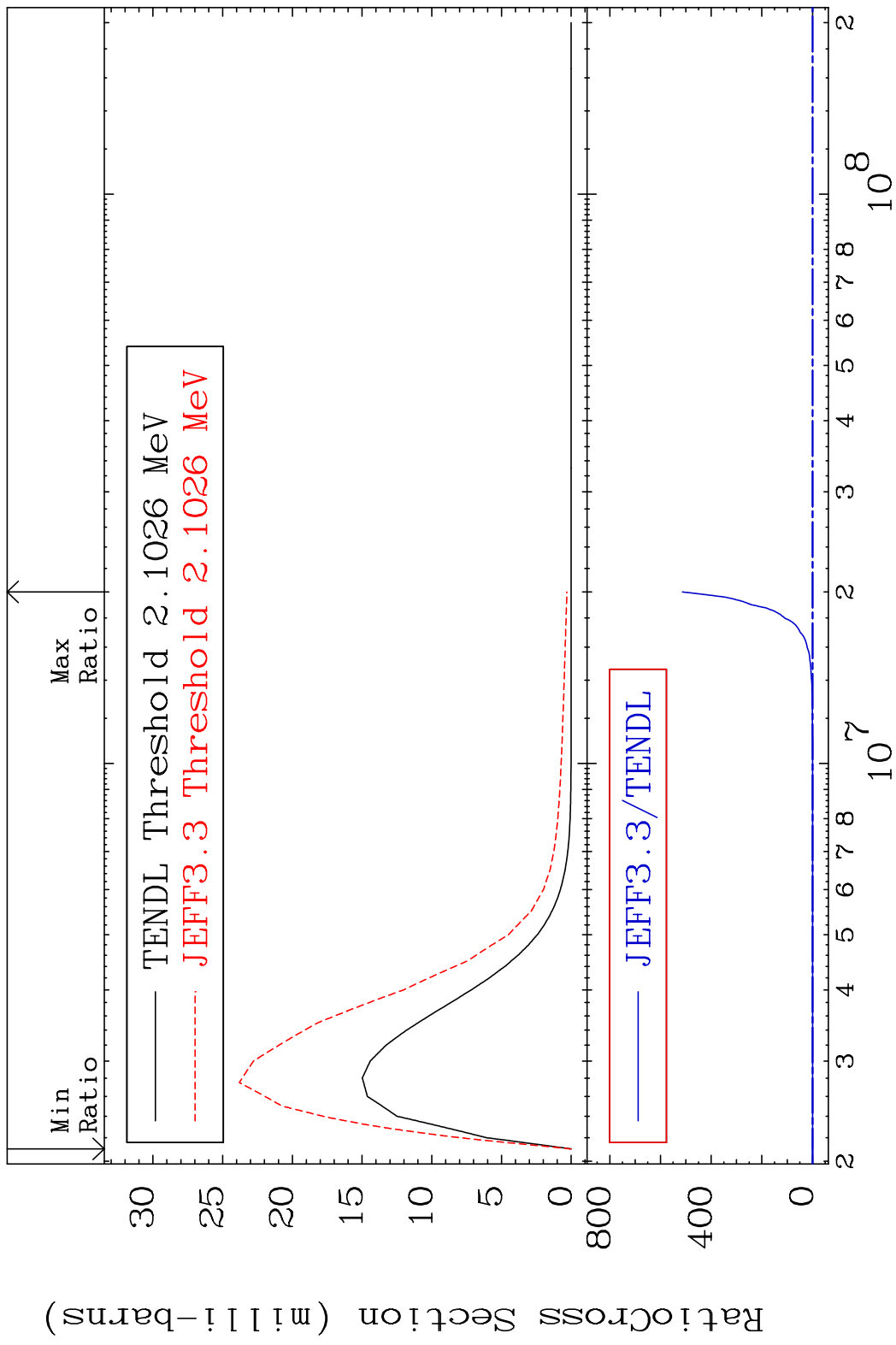


MAT 5034 MT= 71 (n, n') Level 50-Sn-115
 Cross Section -1.136 To 9999. %



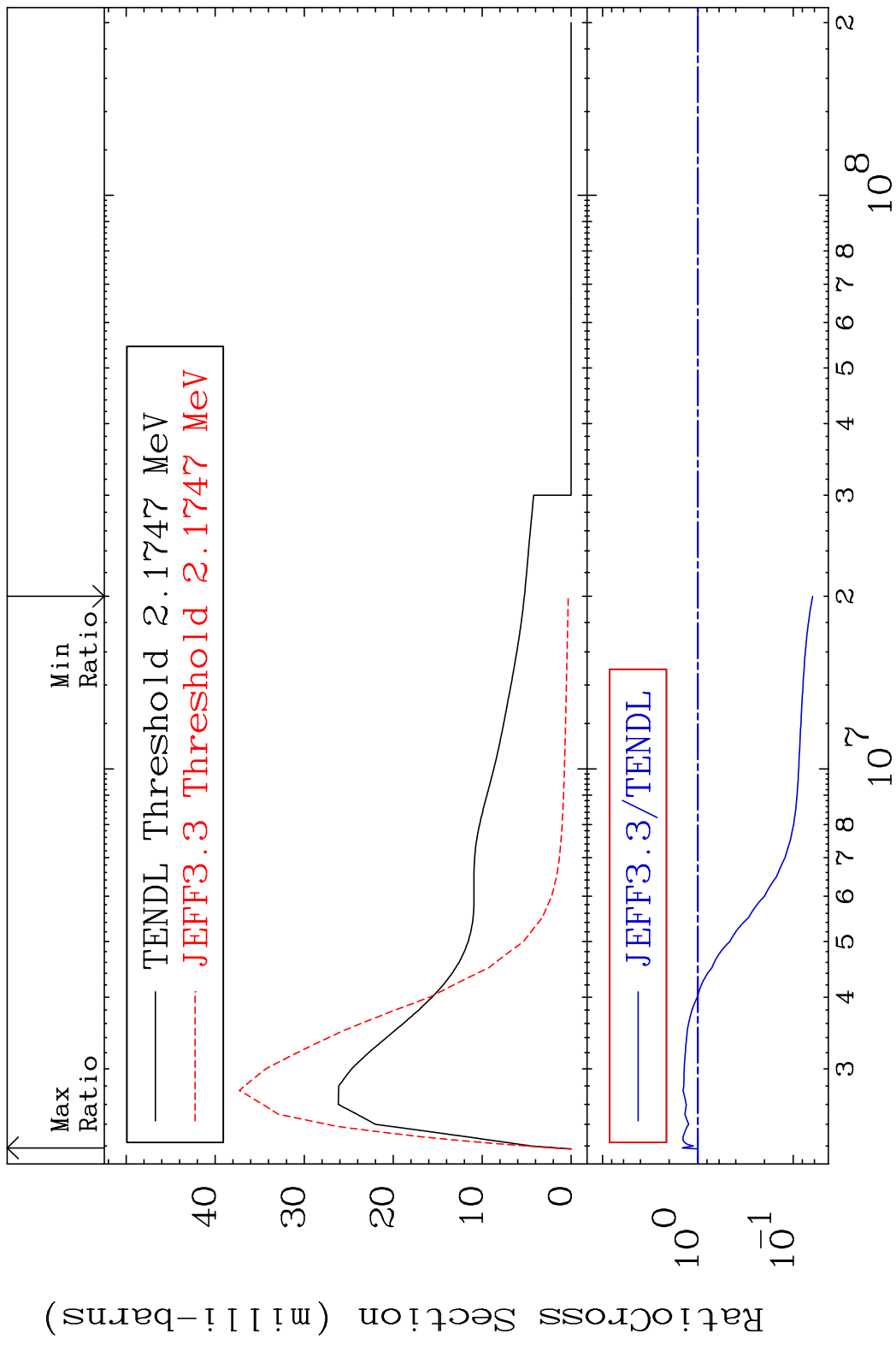
31 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 72 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

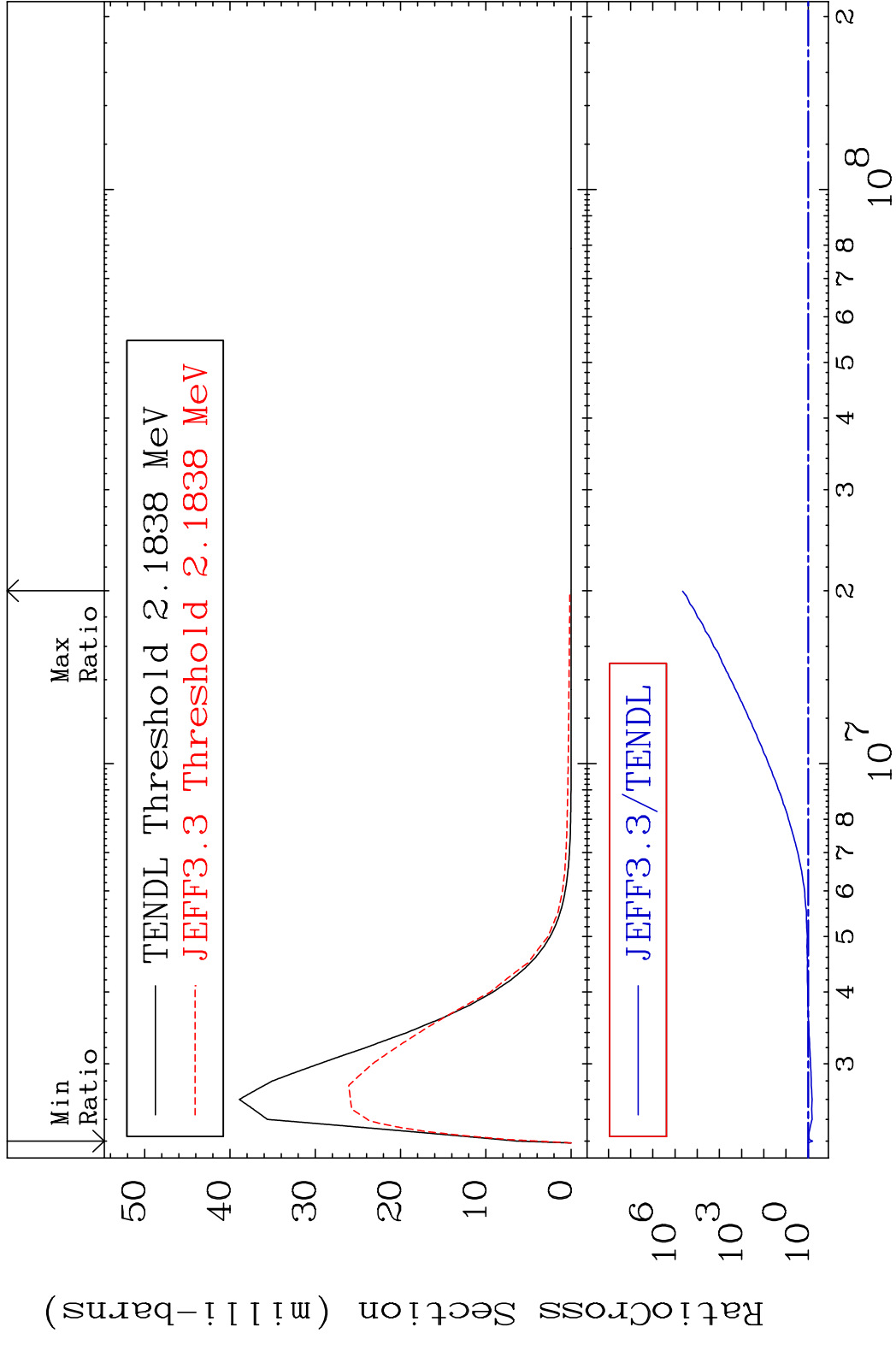


32 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 73 (n, n') Level 50-Sn-115
 Cross Section -93.74 To 45.39 %

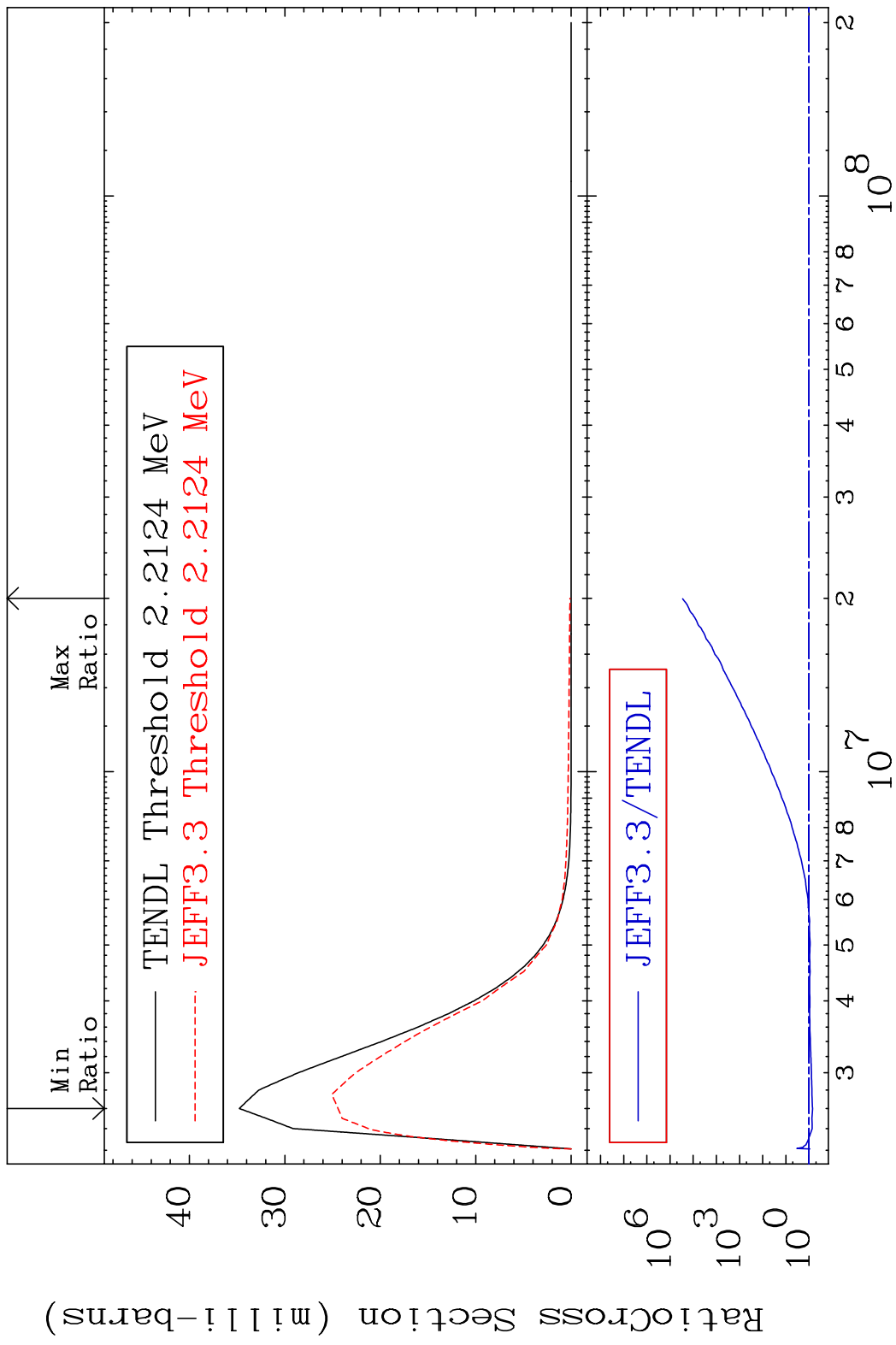


MAT 5034 MT= 74 (n, n') Level 50-Sn-115
 Cross Section -36.30 To 9999. %

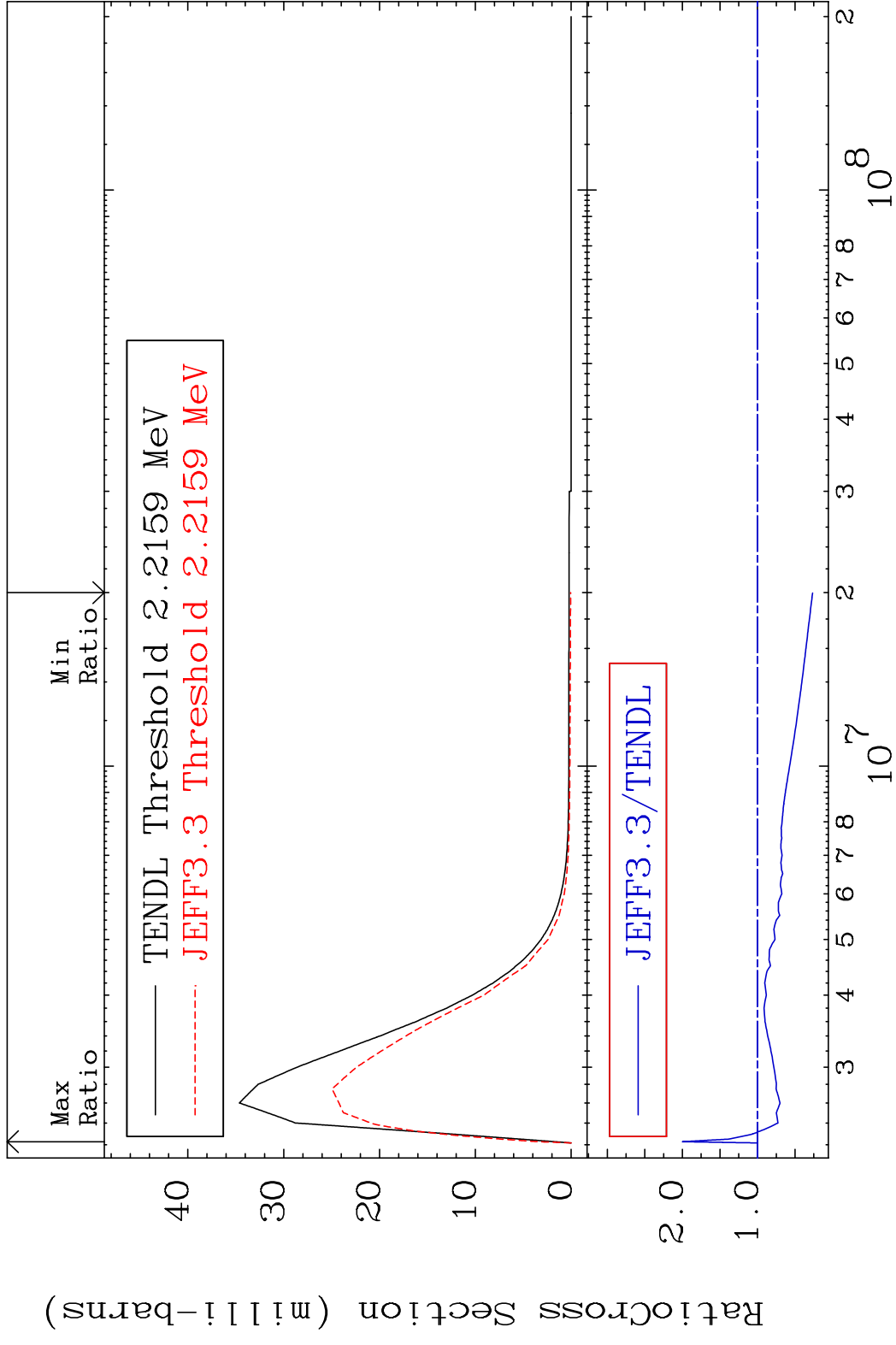


34 Incident Energy (eV) 50-Sn-115

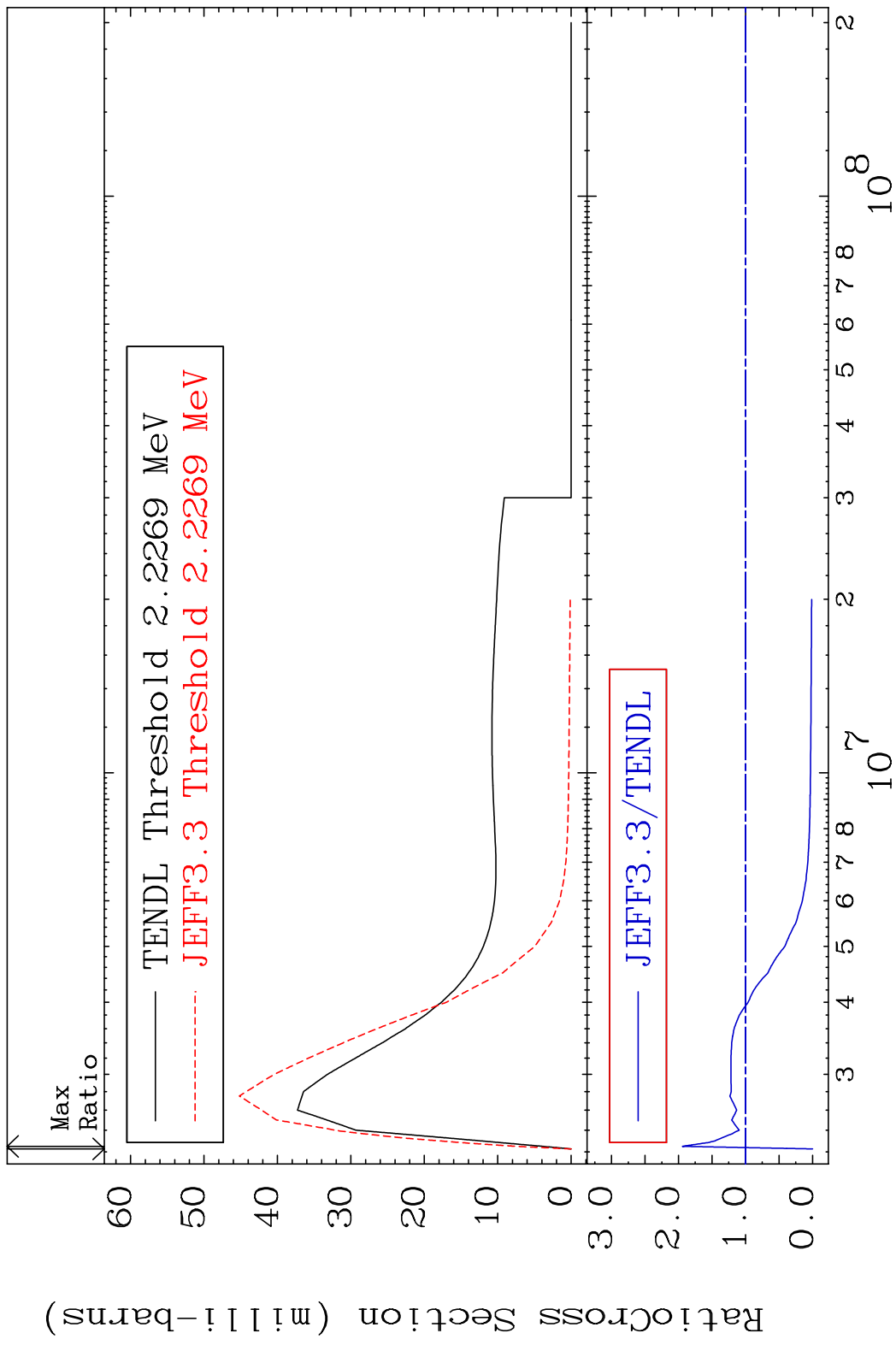
MAT 5034 MT= 75 (n, n') Level 50-Sn-115
 Cross Section -29.75 To 9999. %



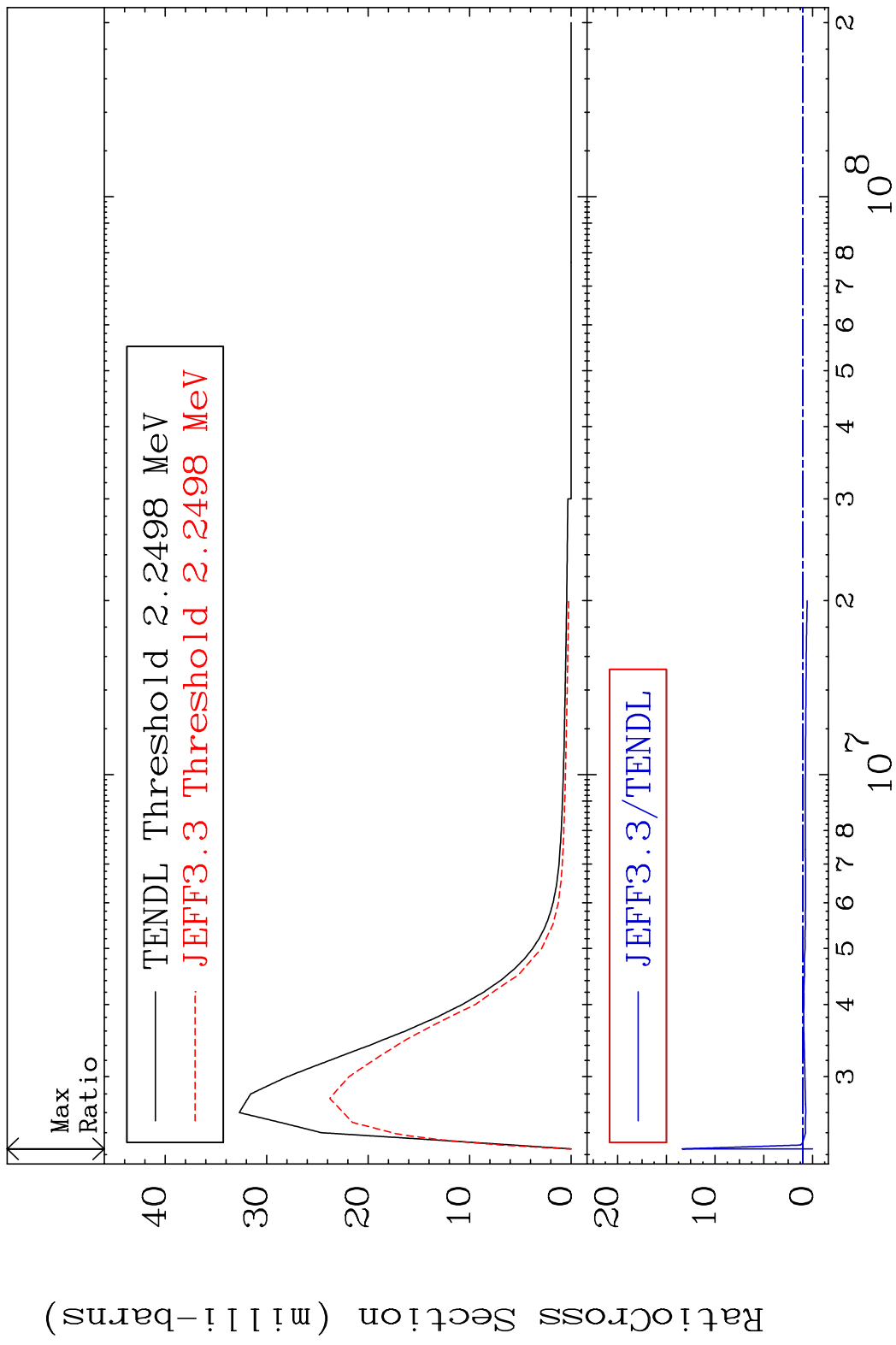
MAT 5034 MT= 76 (n, n') Level 50-Sn-115
 Cross Section -73.28 To 100.1 %



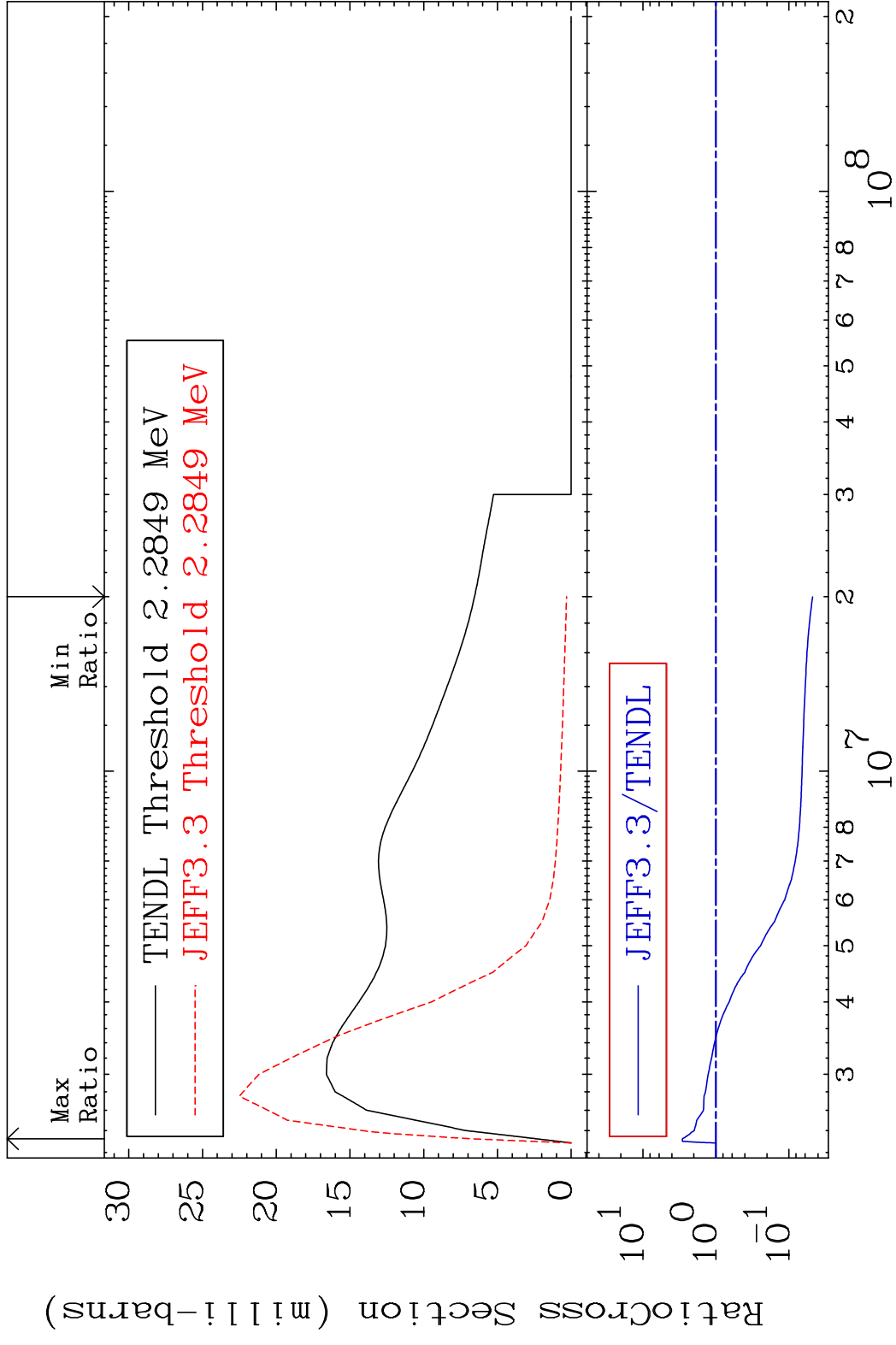
MAT 5034 MT= 77 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 94.26 %



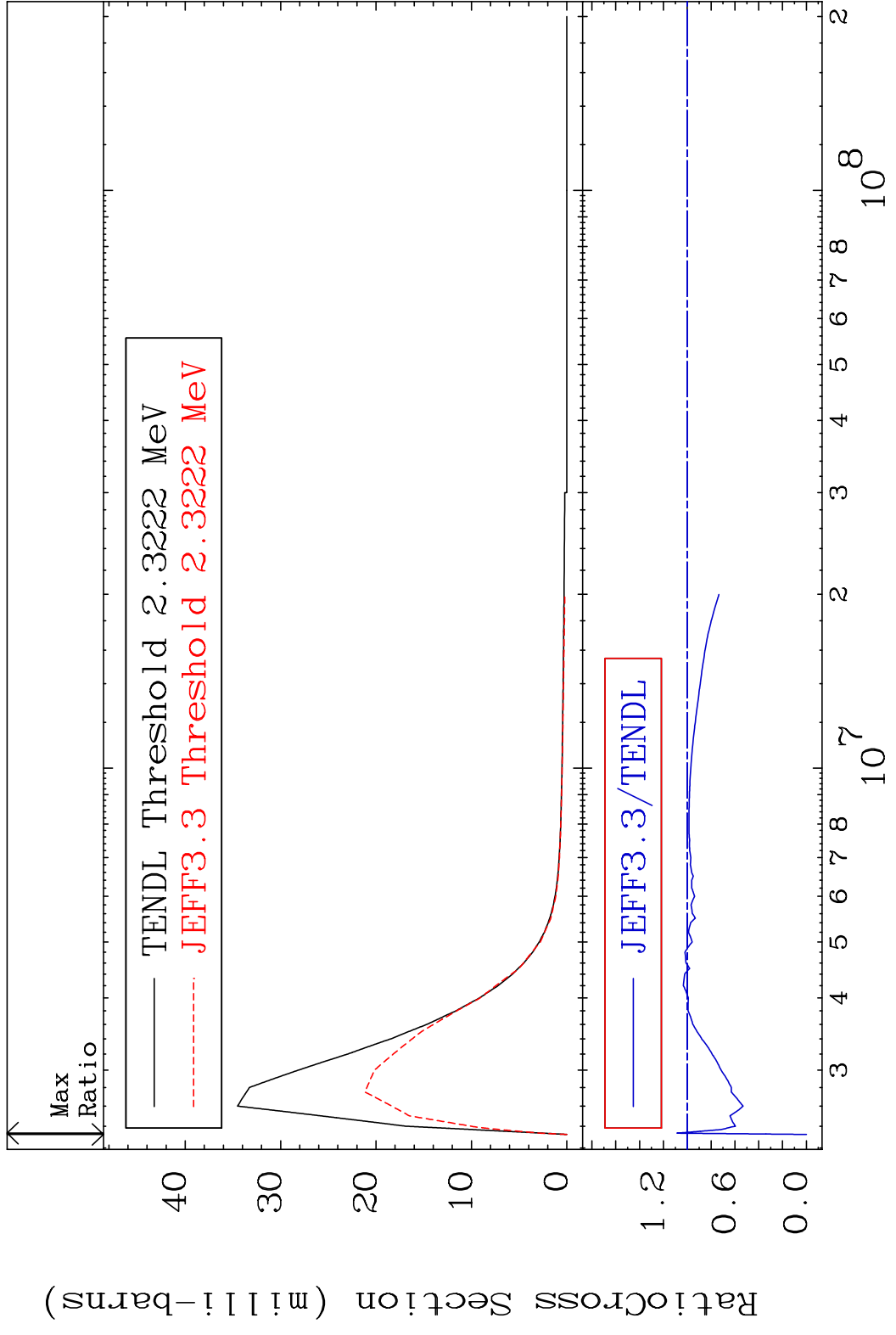
MAT 5034 MT= 78 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 1235. %



MAT 5034 MT= 79 (n, n') Level 50-Sn-115
 Cross Section -95.24 To 187.8 %



MAT 5034 MT= 80 (n,n') Level 50-Sn-115
 Cross Section -100.0 To 8.446 %



40

Incident Energy (eV)

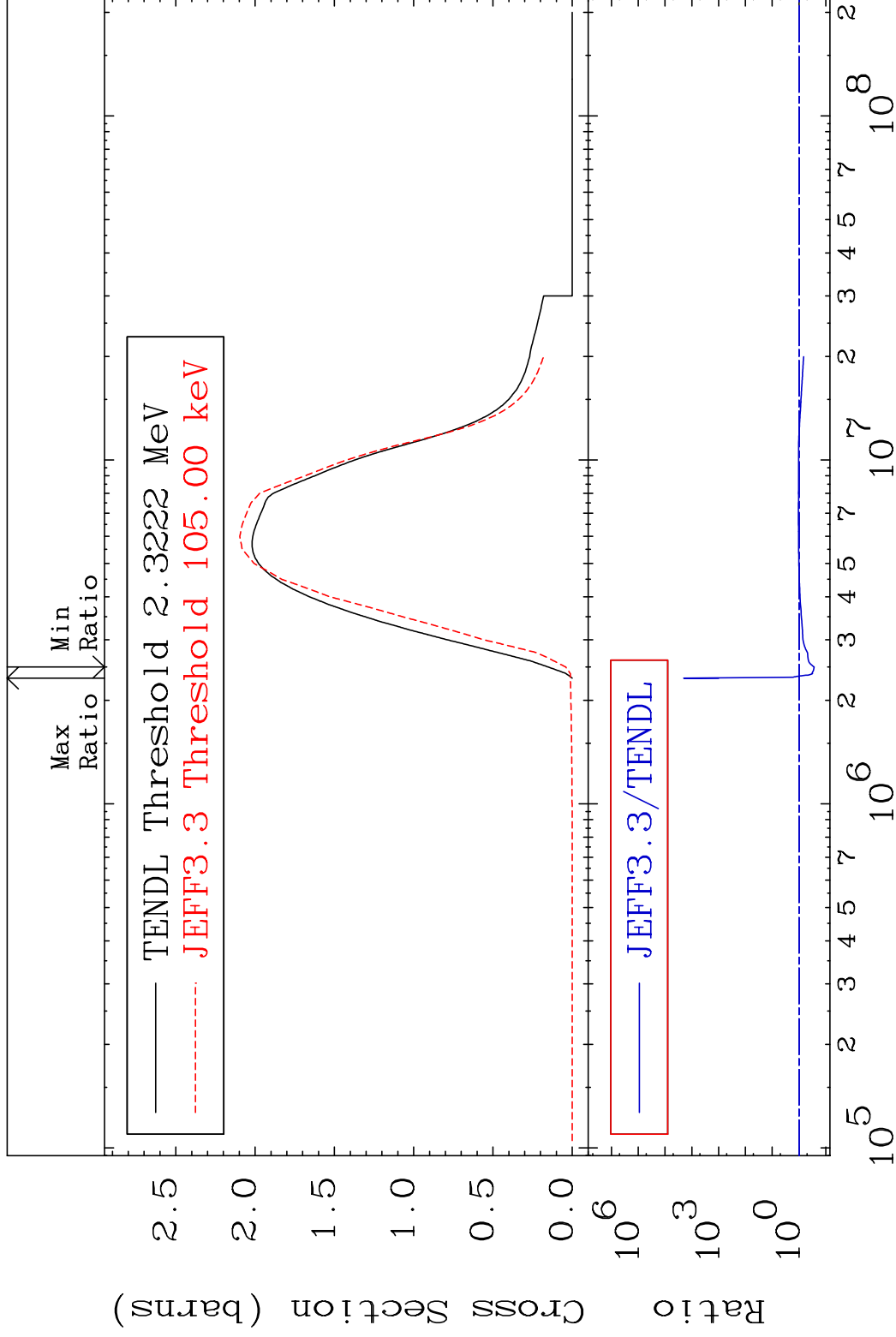
50-Sn-115

MAT 5034

(n, n') Continuum

50-Sn-115

Cross Section -72.67 To 9999. %



41

Incident Energy (eV)

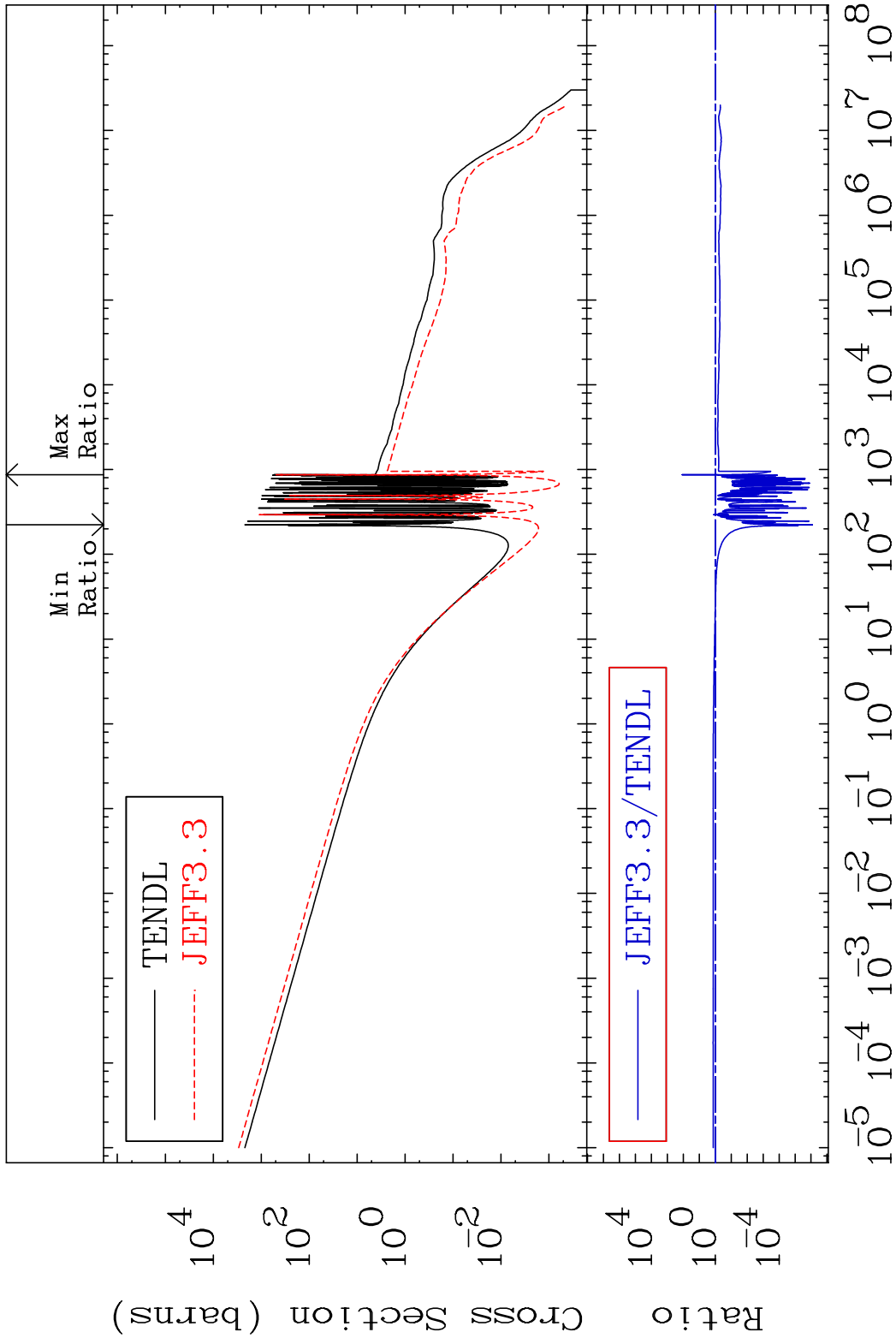
50-Sn-115

MAT 5034

(n, γ)

50-Sn-115

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

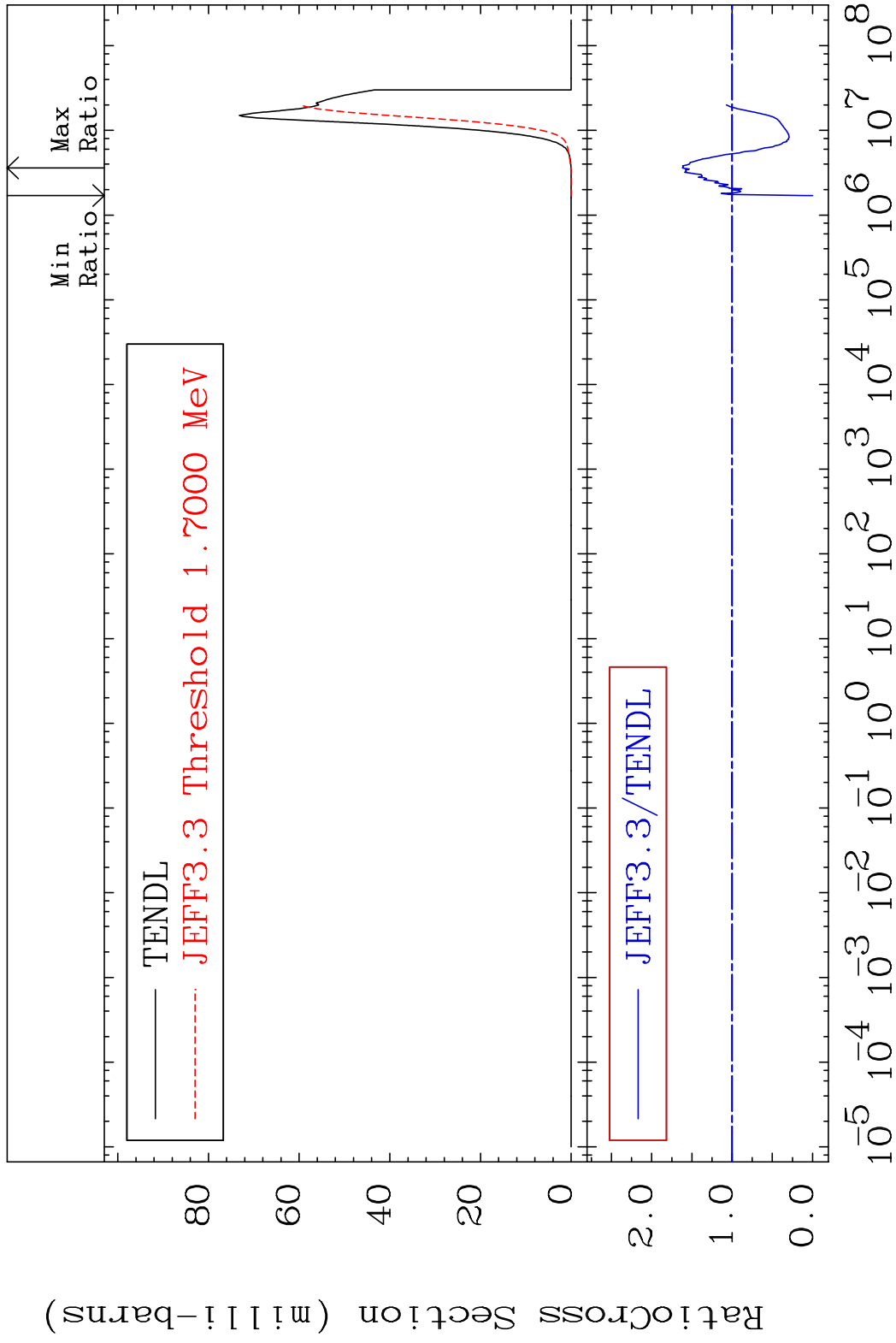
50-Sn-115

MAT 5034

(n, p)

50-Sn-115

Cross Section -100.0 To 61.87 %



43

Incident Energy (eV)

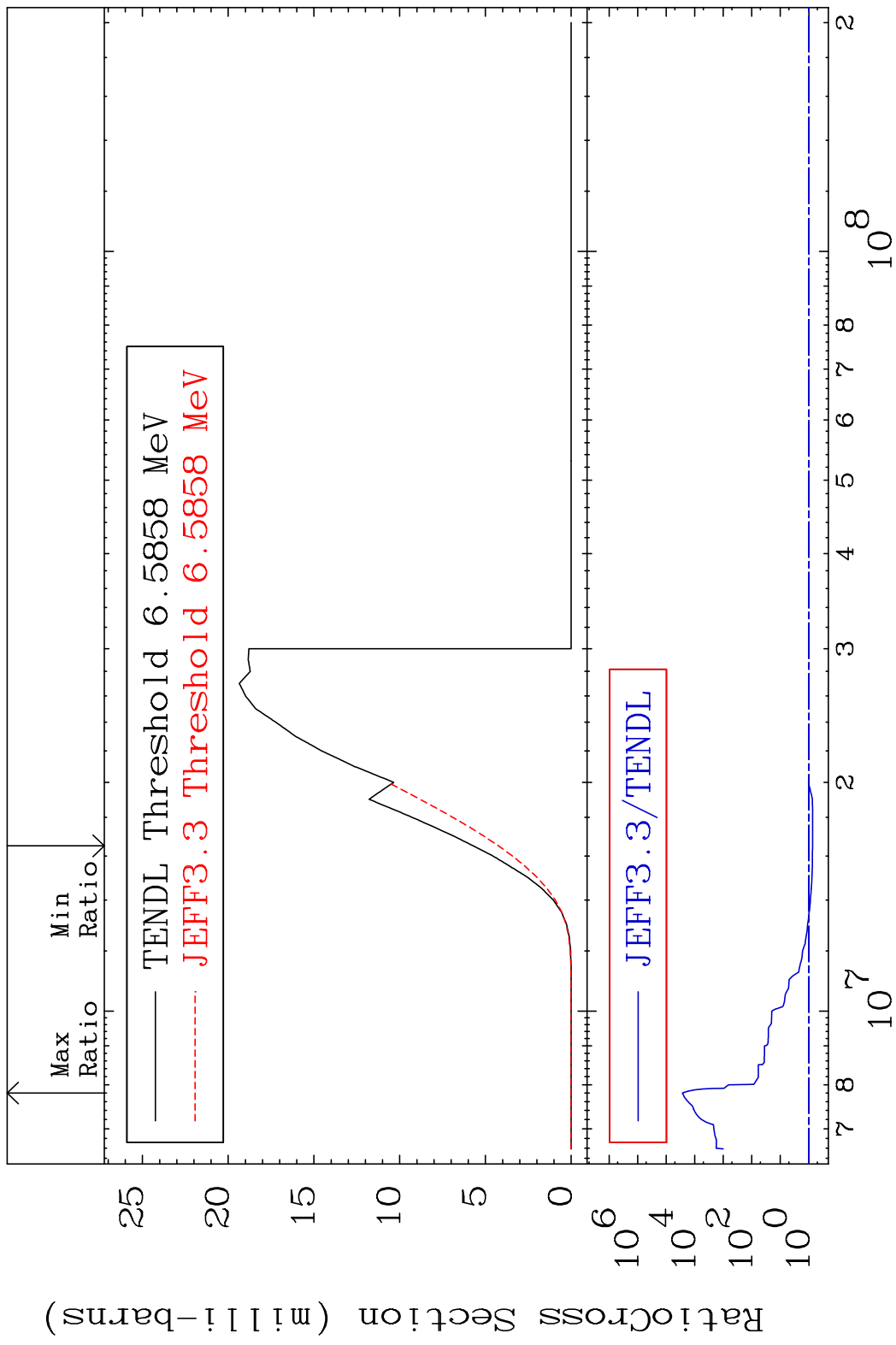
50-Sn-115

MAT 5034

(n, d)

50-Sn-115

Cross Section -25.80 To 9999. %



44

Incident Energy (eV)

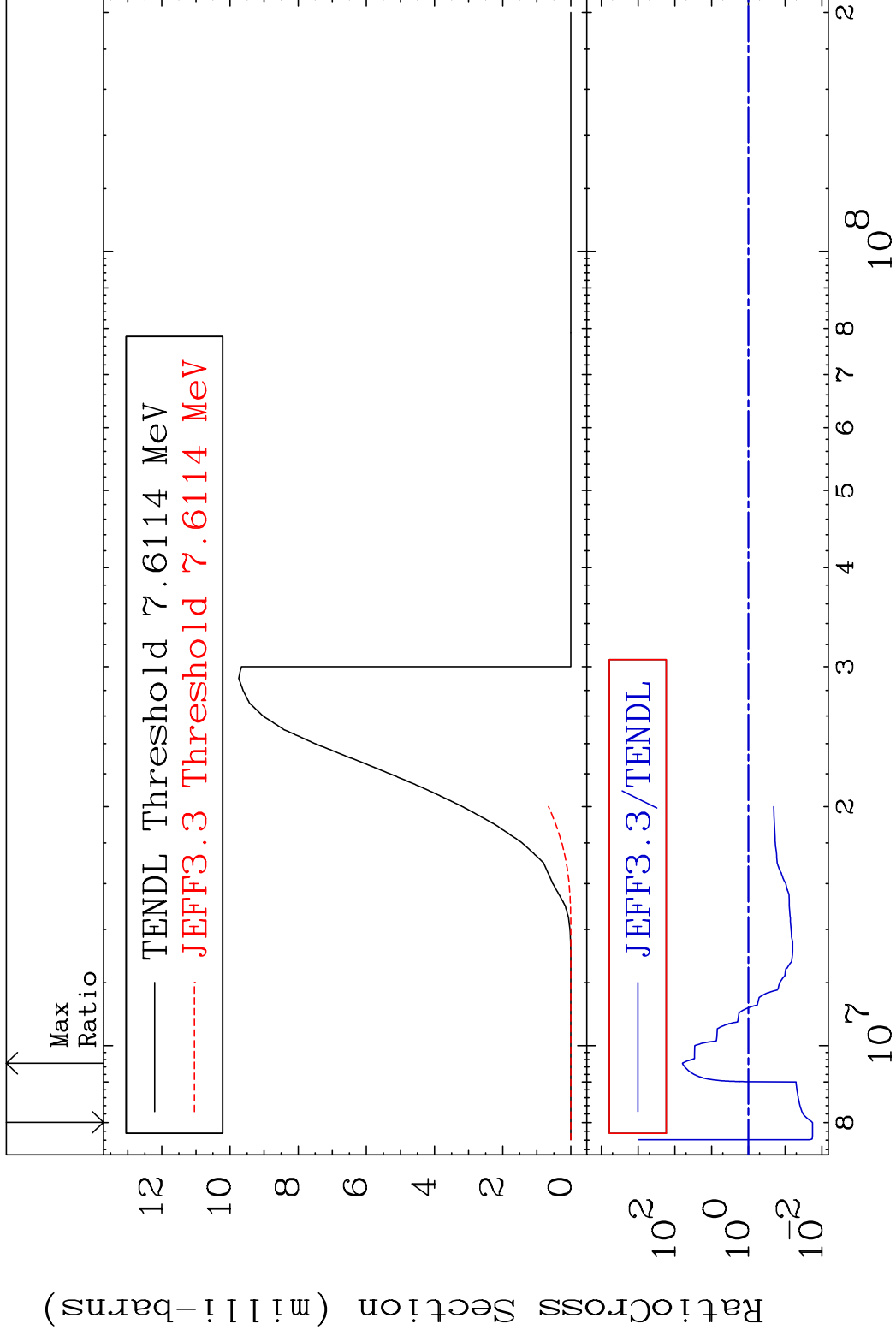
50-Sn-115

MAT 5034

(n, t)

50-Sn-115

Cross Section -98.18 To 6279. %



45

Incident Energy (eV)

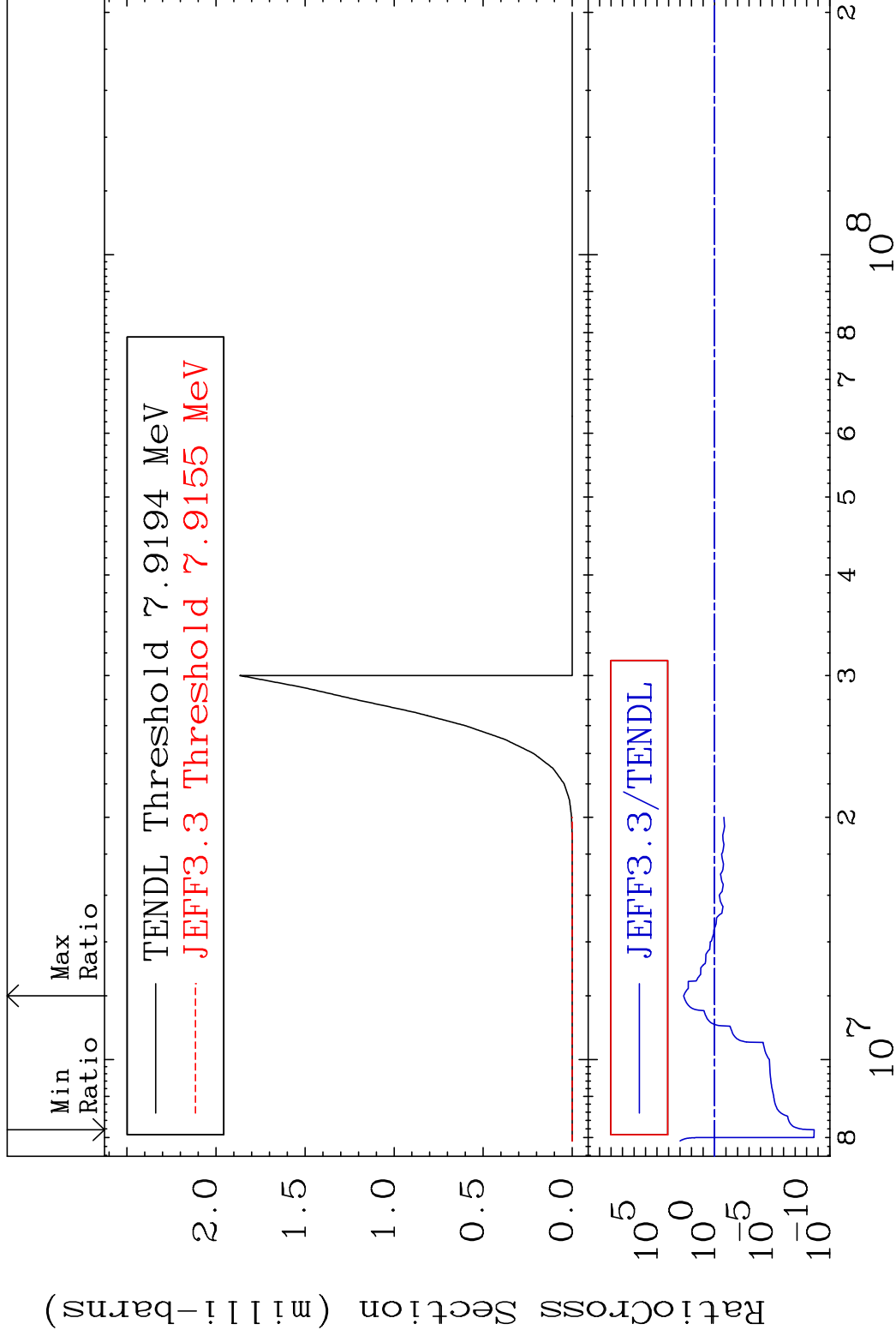
50-Sn-115

MAT 5034

(n, He-3)

50-Sn-115

Cross Section -100.0 To 9999. %



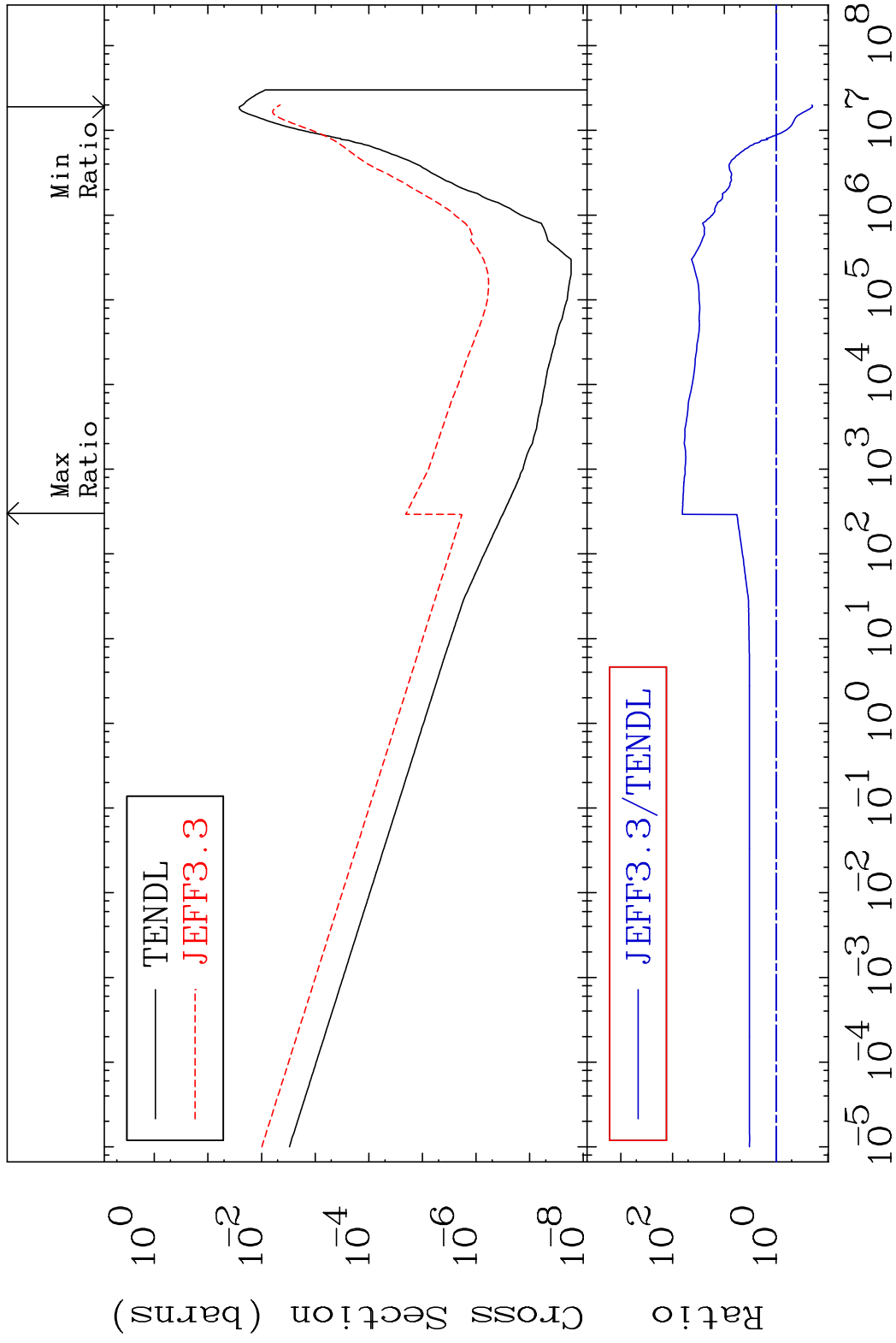
46

Incident Energy (eV)

50-Sn-115

MAT 5034

(n, α)
Cross Section -80.25 To 6356. %
50-Sn-115



47

Incident Energy (eV)

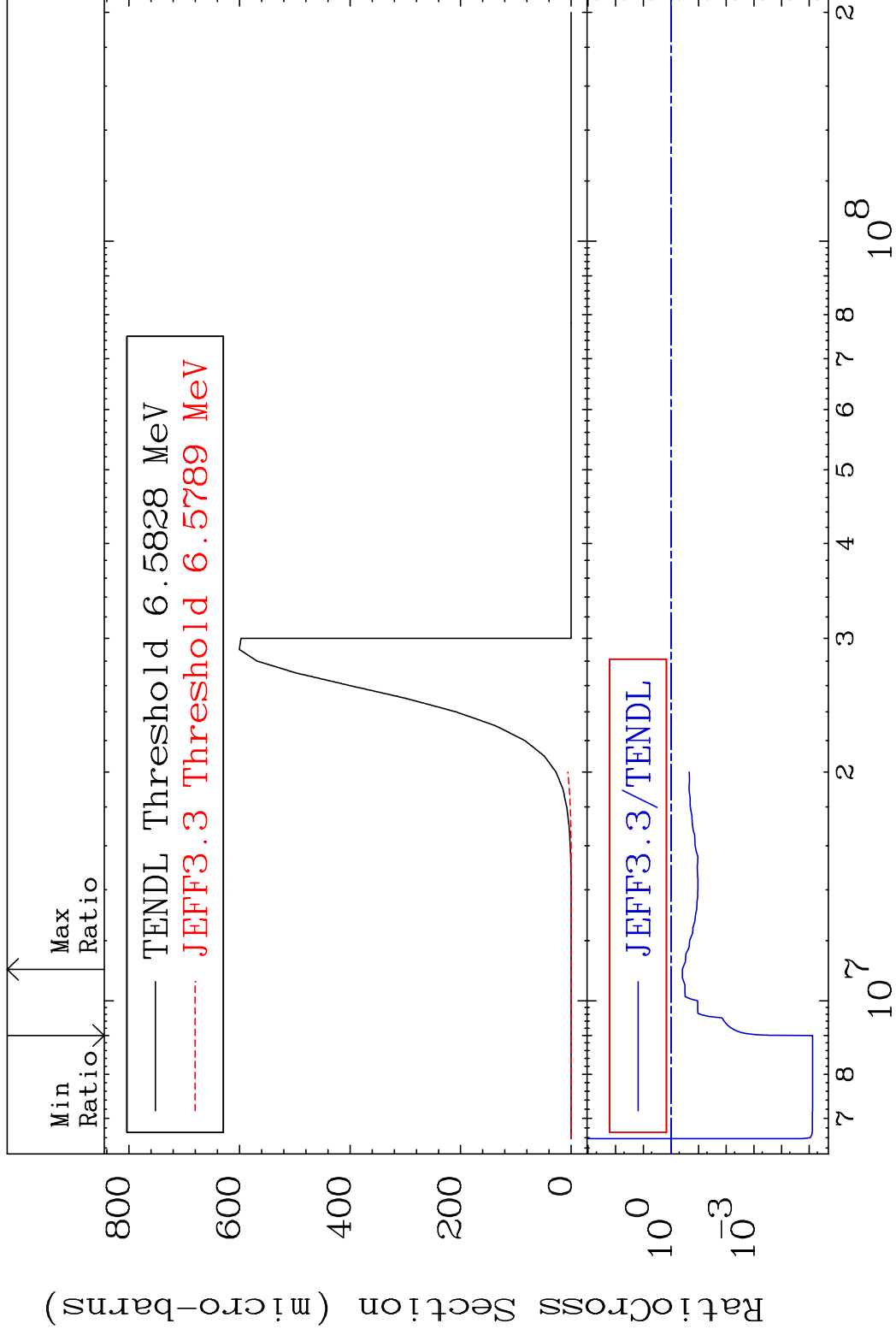
50-Sn-115

MAT 5034

(n,2p)

50-Sn-115

Cross Section -100.0 To -61.28%



48

Incident Energy (eV)

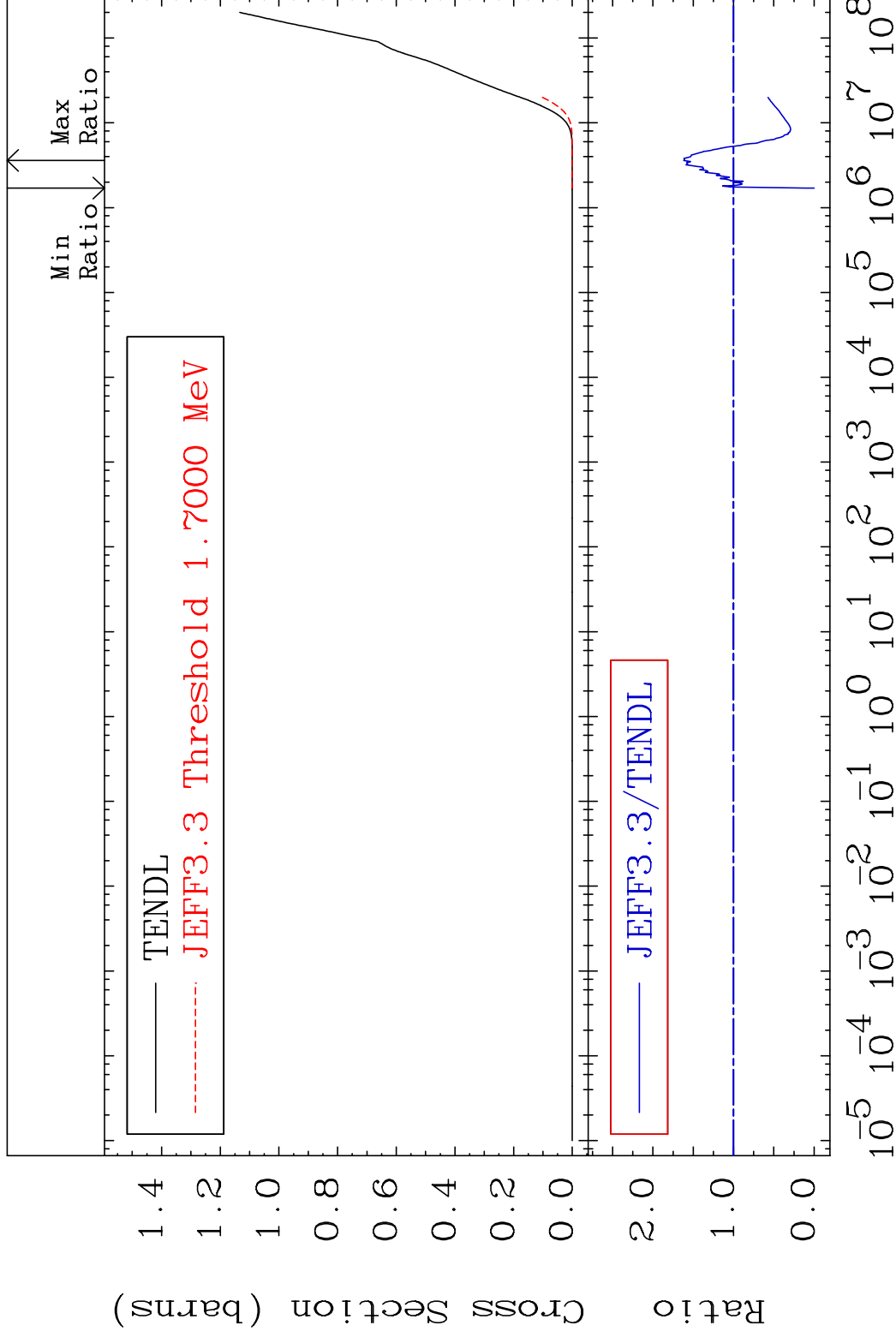
50-Sn-115

MAT 5034

Hydrogen Production

50-Sn-115

Cross Section -100.0 To 61.87 %



49

Incident Energy (eV)

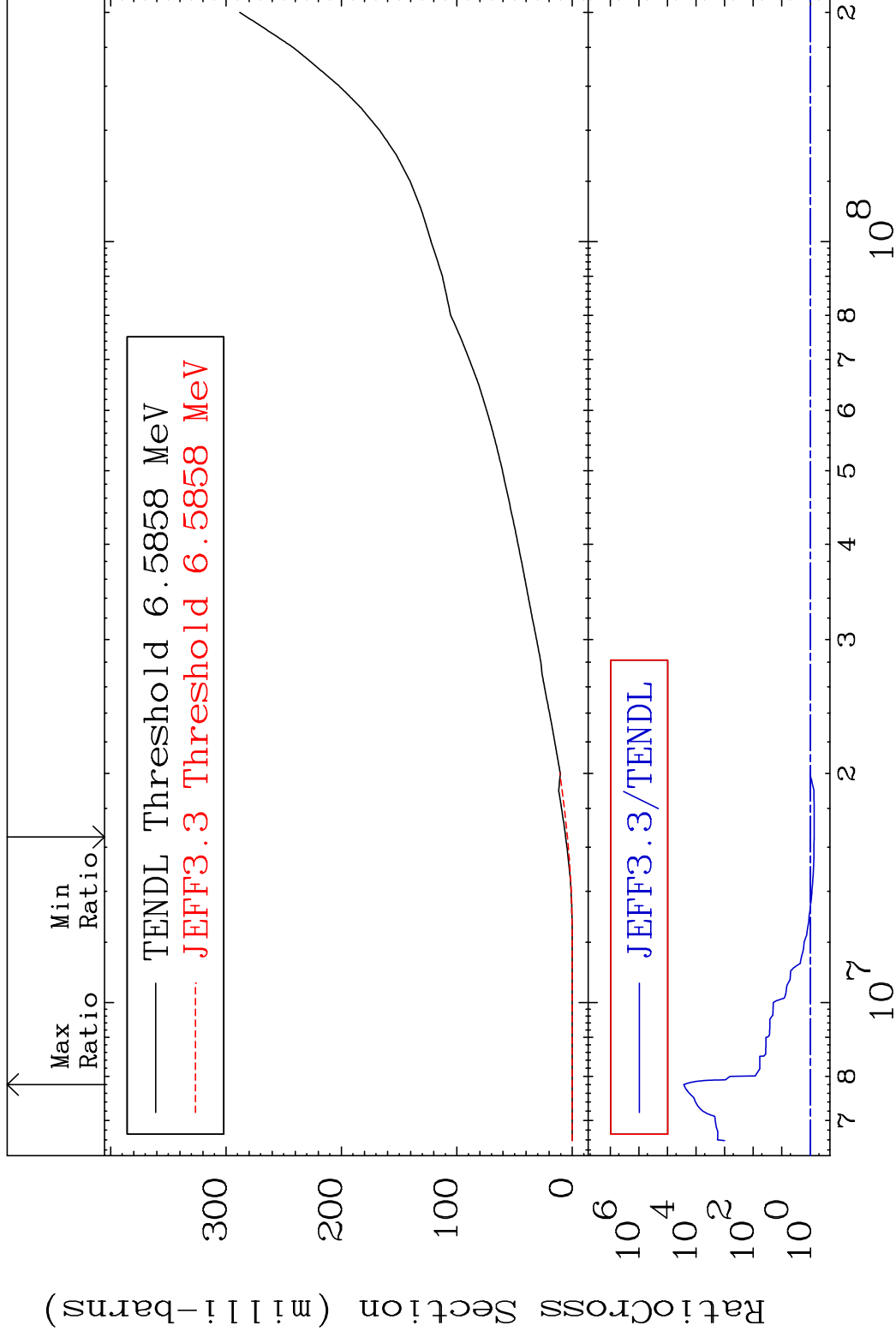
50-Sn-115

MAT 5034

Deuterium Production

50-Sn-115

Cross Section -25.80 To 9999. %



50

Incident Energy (eV)

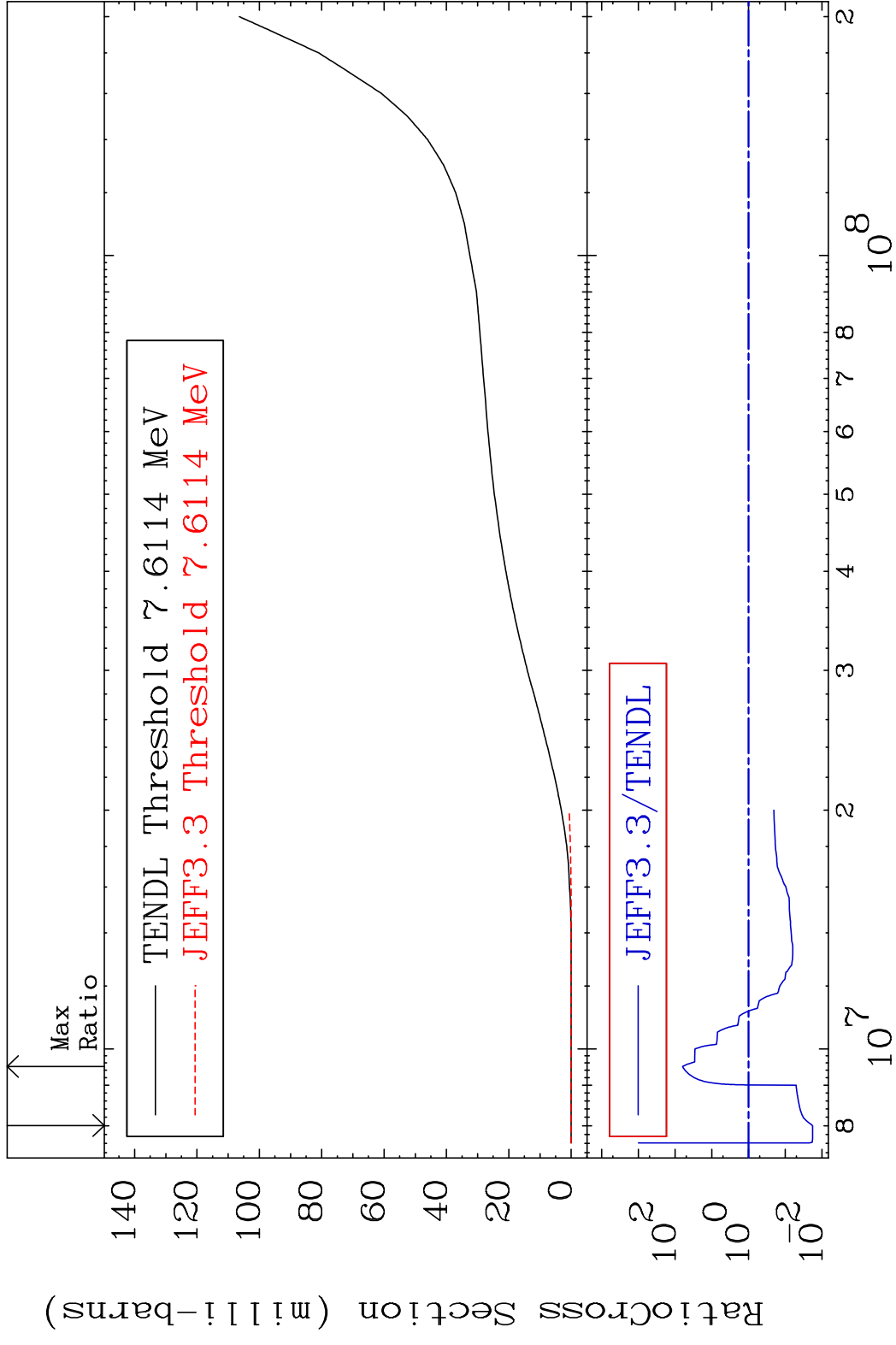
50-Sn-115

MAT 5034

Tritium Production

50-Sn-115

Cross Section -98.18 To 6279. %

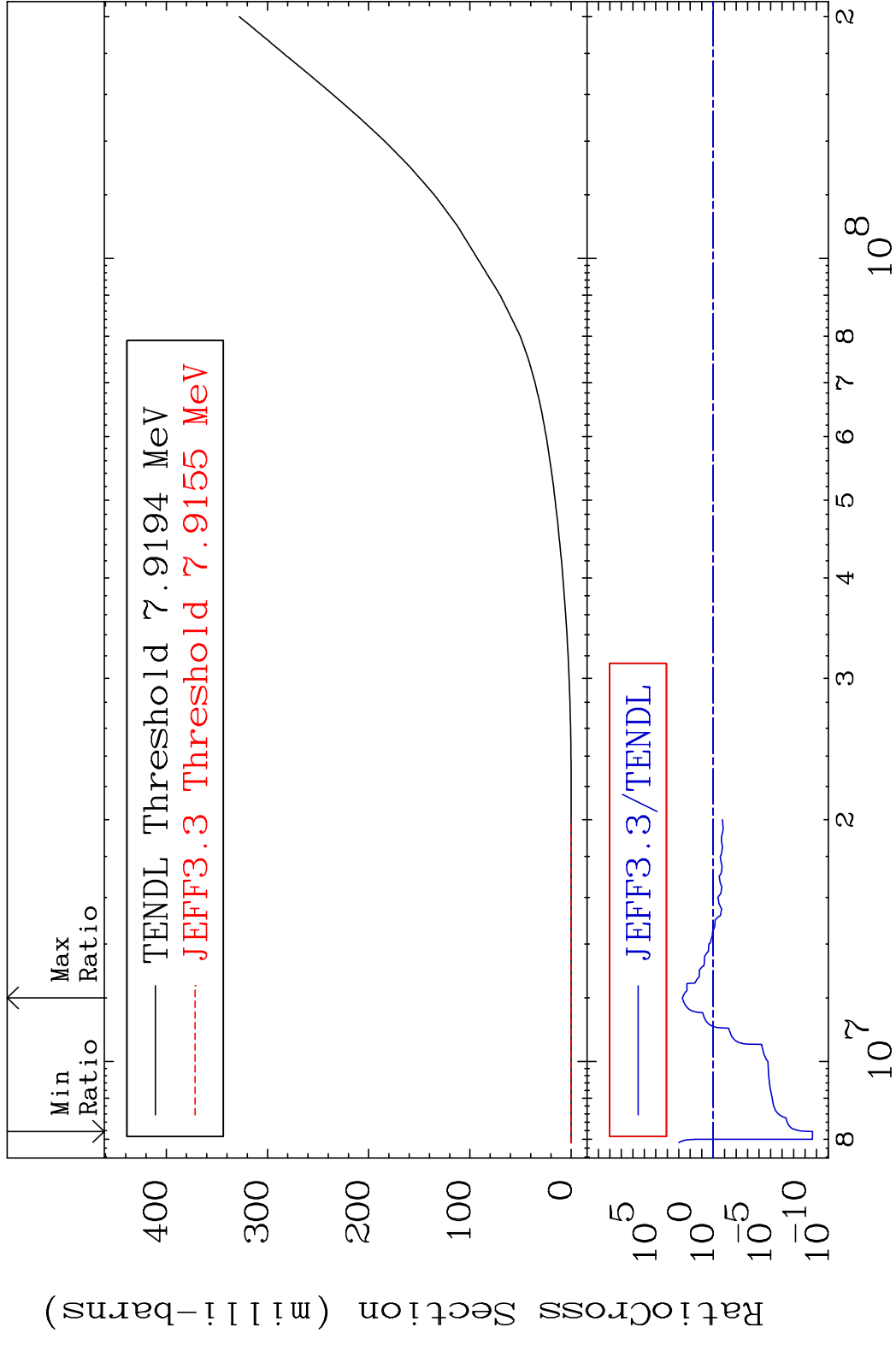


MAT 5034

He-3 Production

50-Sn-115

Cross Section -100.0 To 9999. %

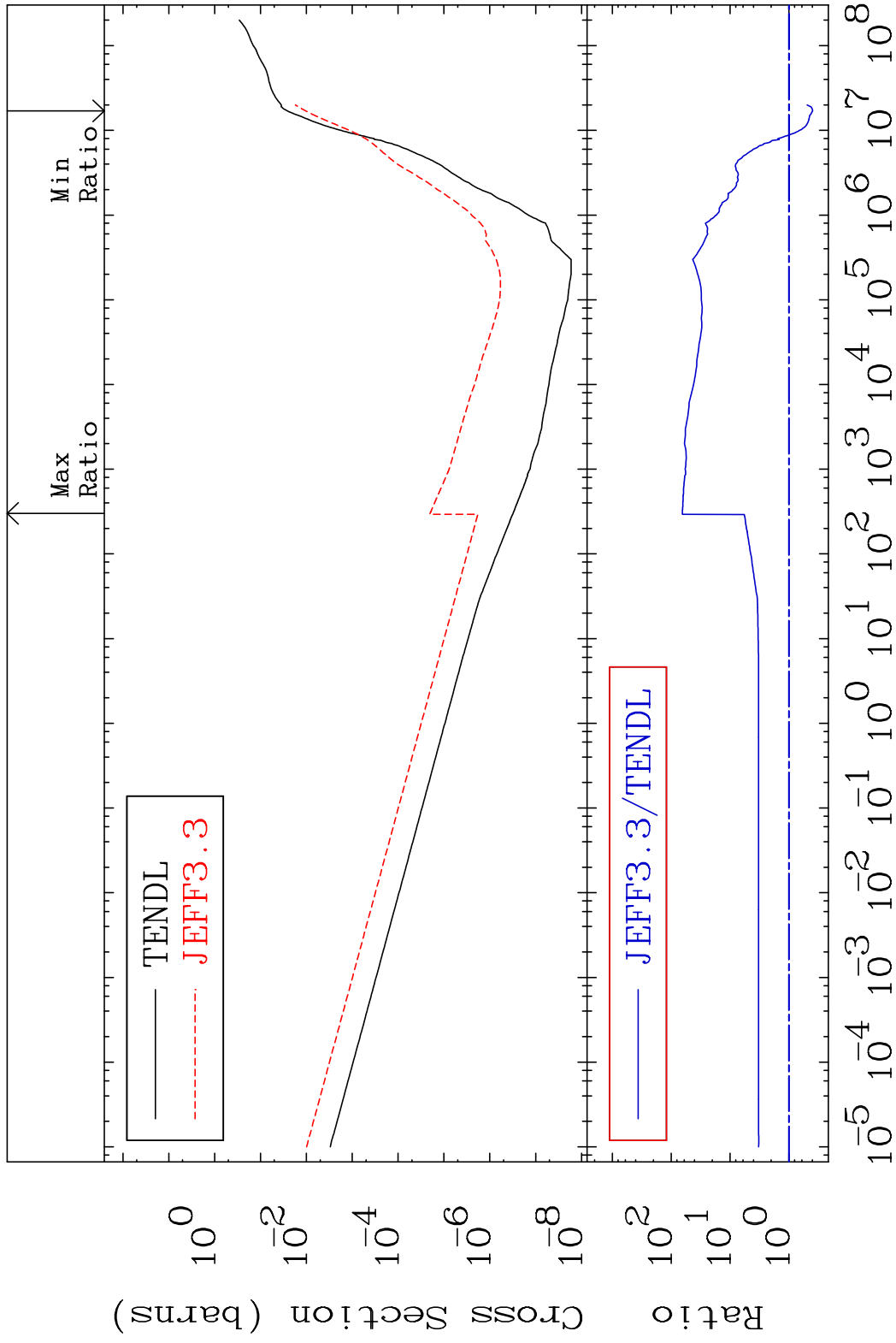


MAT 5034

He-4 Production

50-Sn-115

Cross Section -60.43 To 6356. %

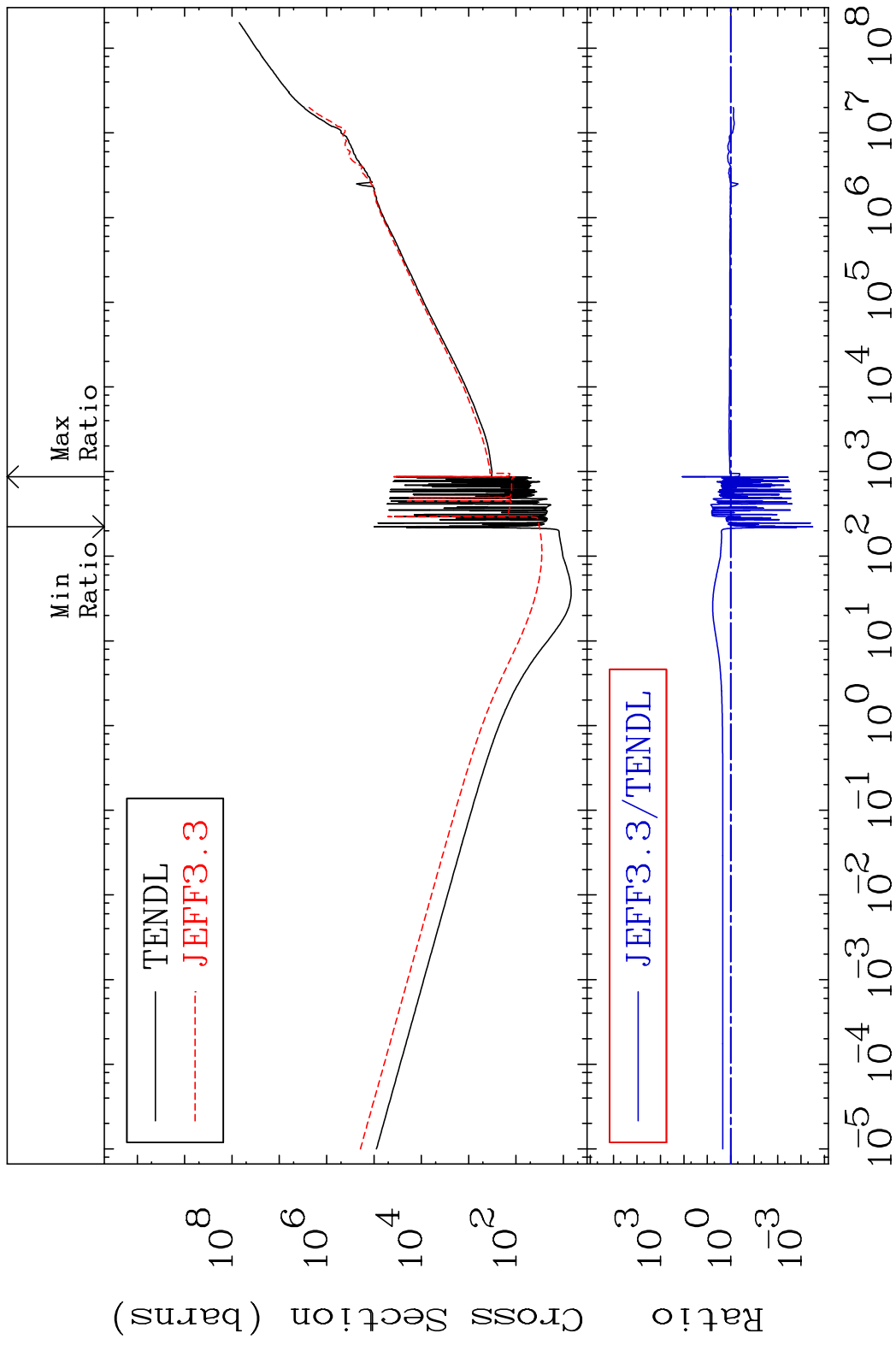


53

Incident Energy (eV)

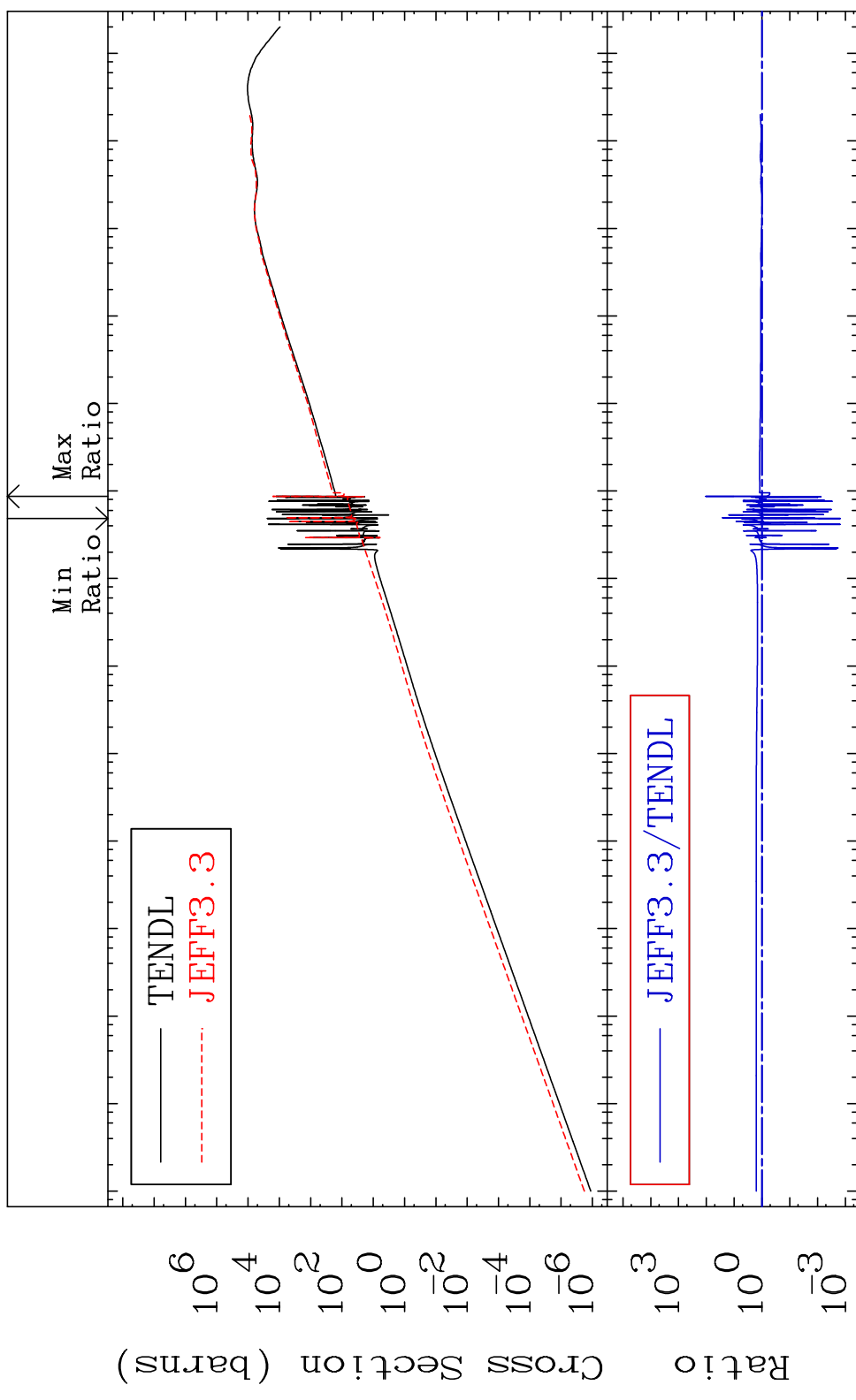
50-Sn-115

MAT 5034 Kerma total (eV-barns) 50-Sn-115
 Cross Section -99.97 To 9999. %

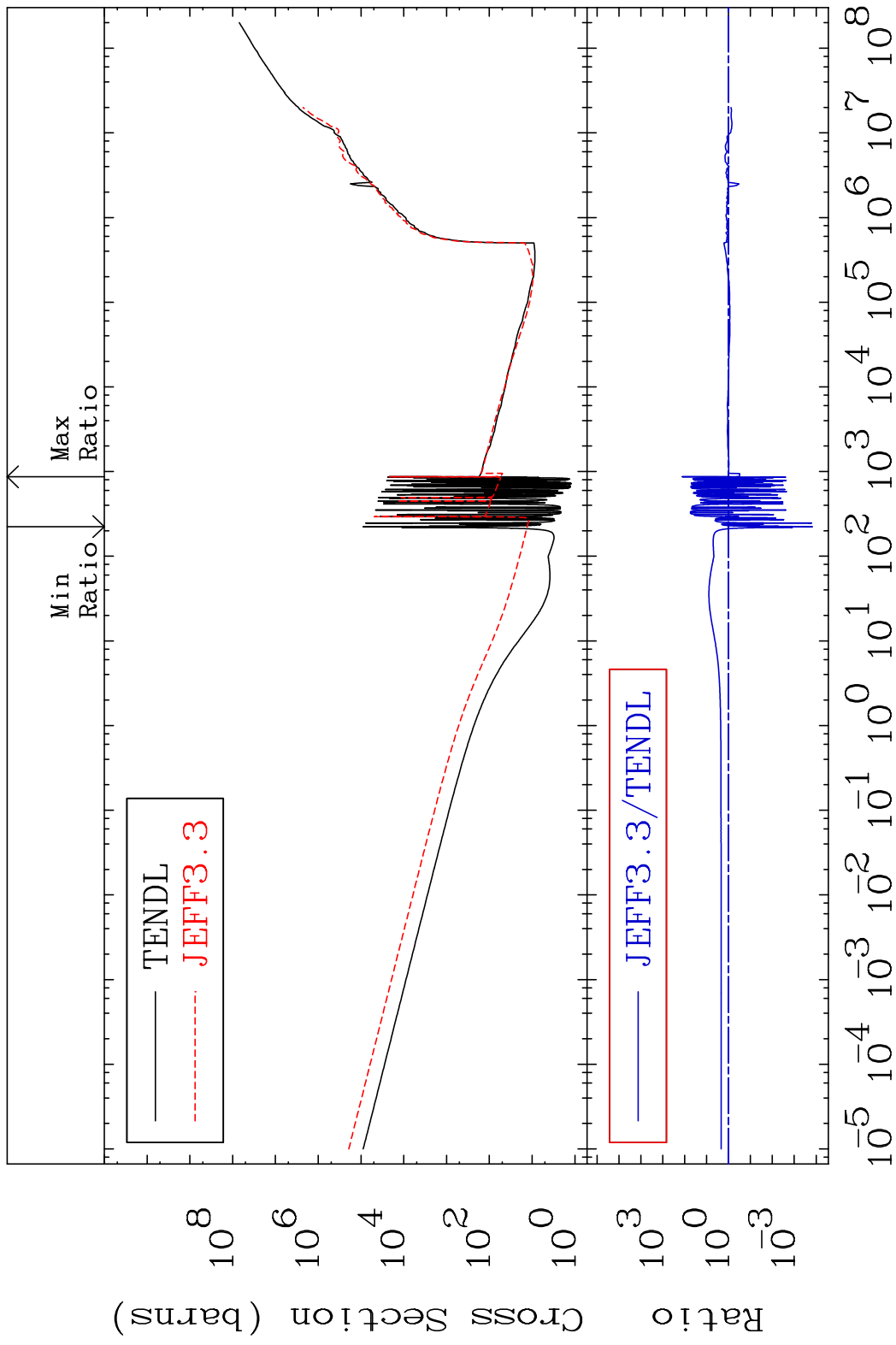


MAT 5034

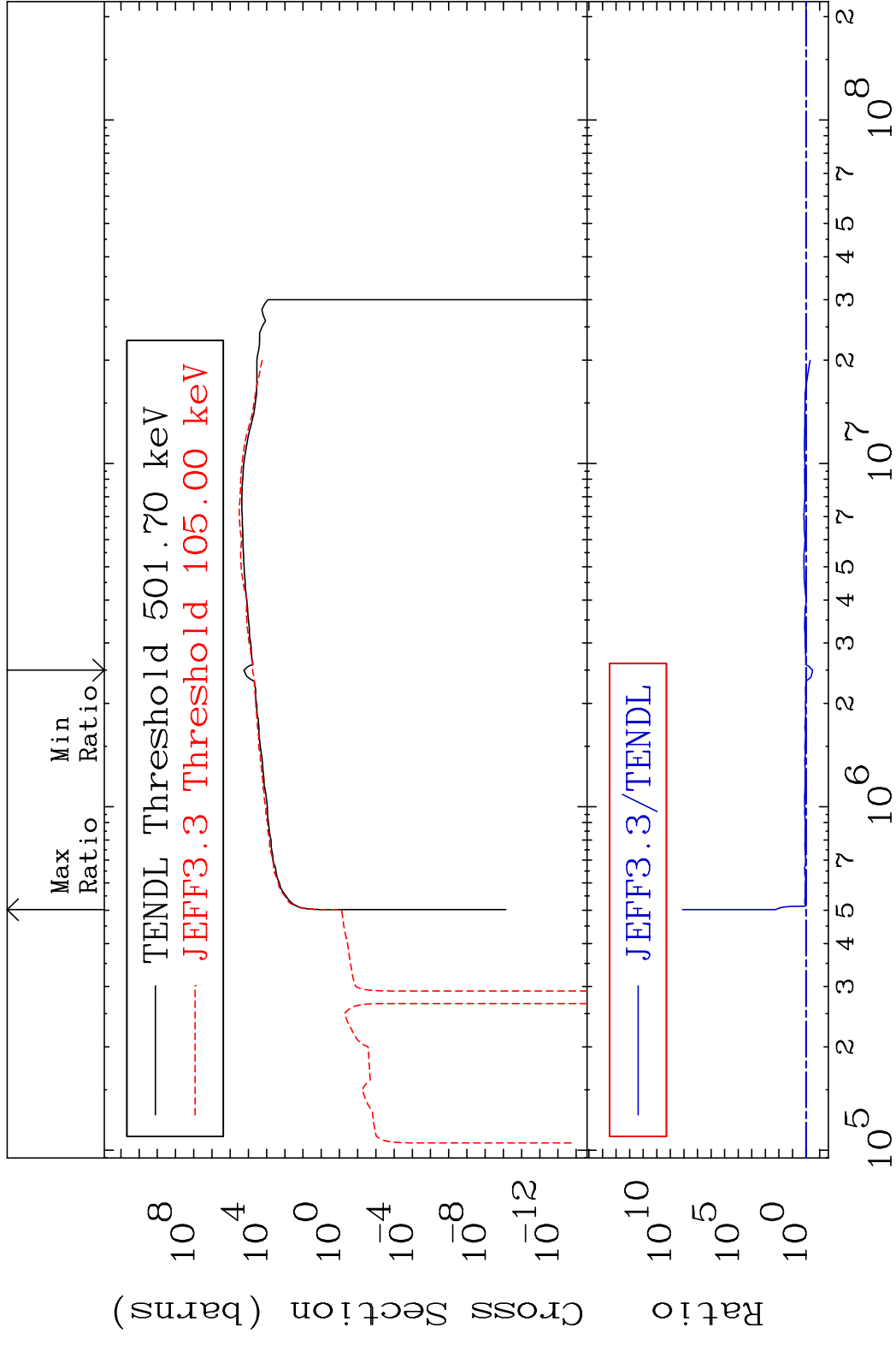
Kerma elastic Cross Section -99.85 To 9999. %
50-Sn-115



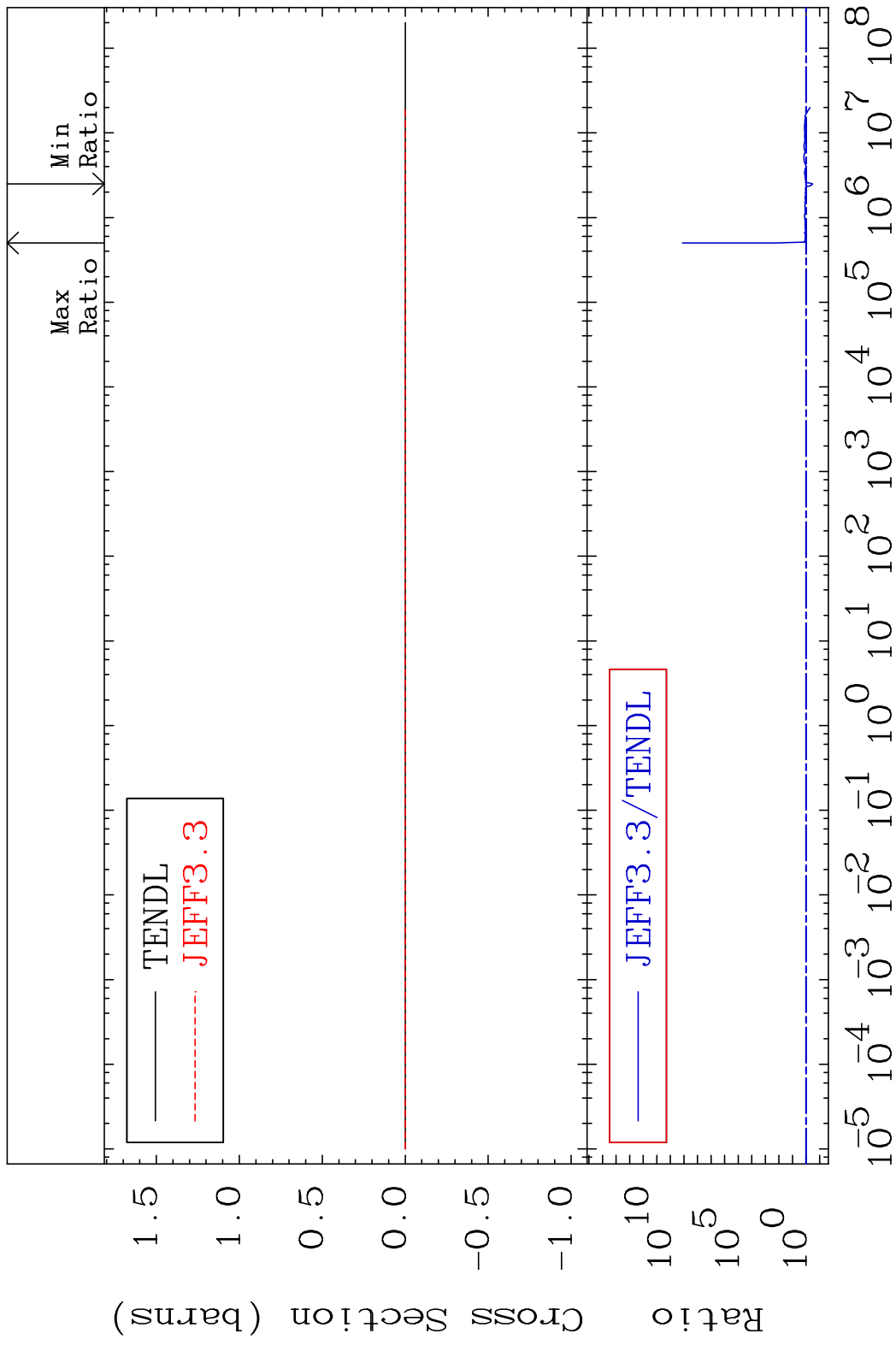
MAT 5034 Kerma non-elastic (all but mt2) 50-Sn-115
 Cross Section -99.99 To 9999. %



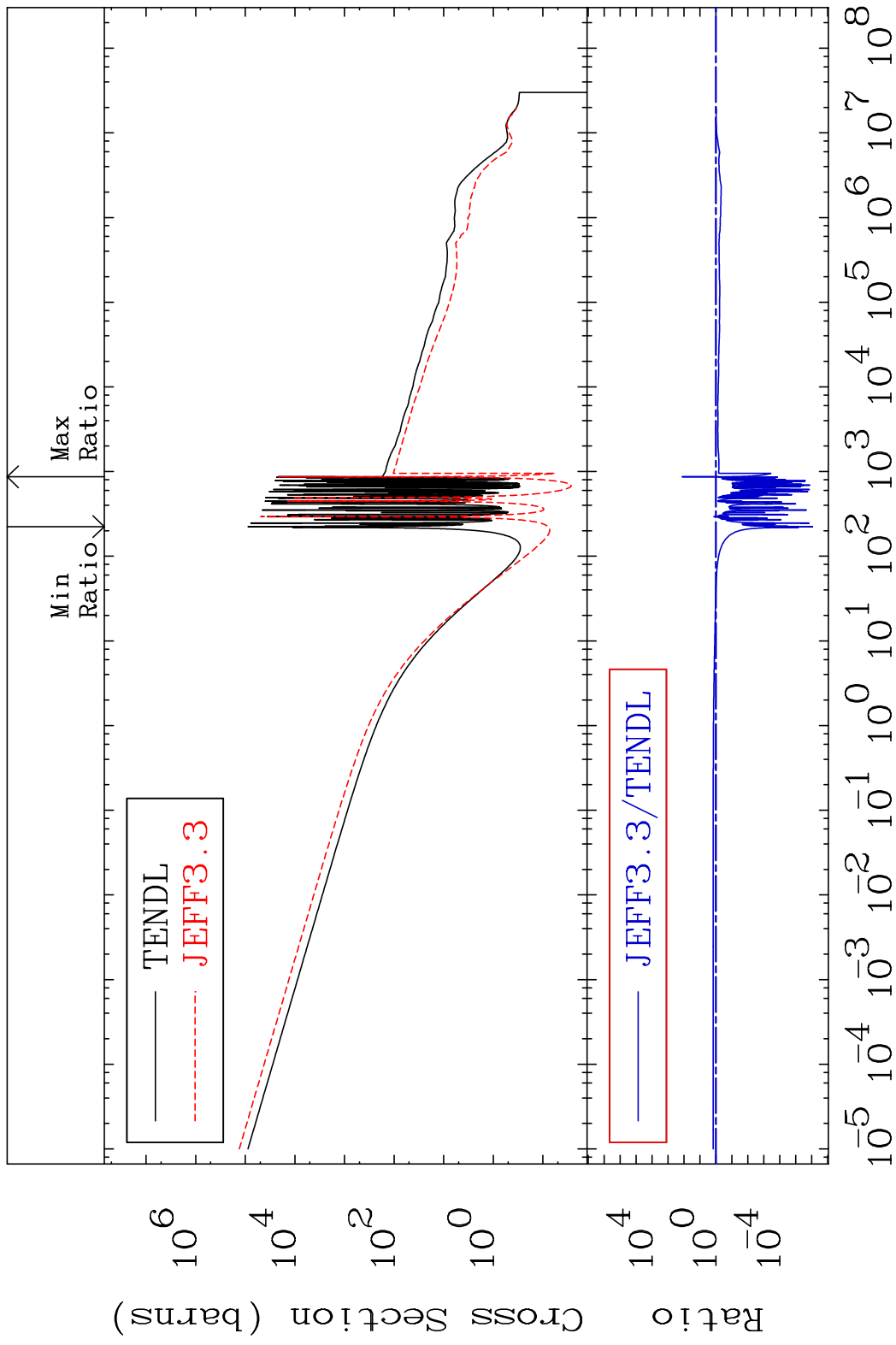
MAT 5034 Kerma inelastic (mt51-91) 50-Sn-115
 Cross Section -66.68 To 9999. %



MAT 5034 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-115
 Cross Section -66.68 To 9999. %

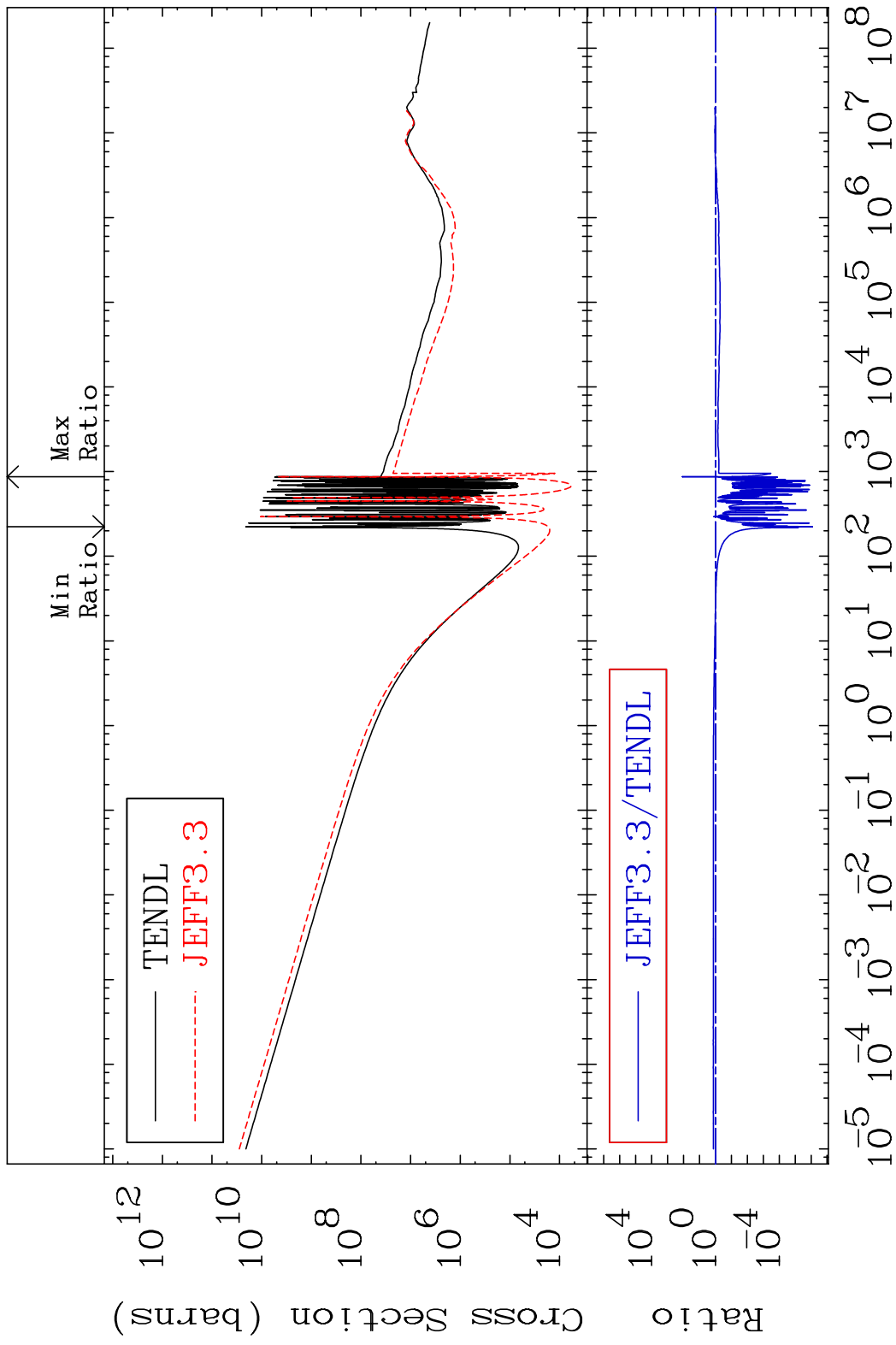


MAT 5034 Kerma capture (mt102) 50-Sn-115
 Cross Section -100.0 To 9999. %



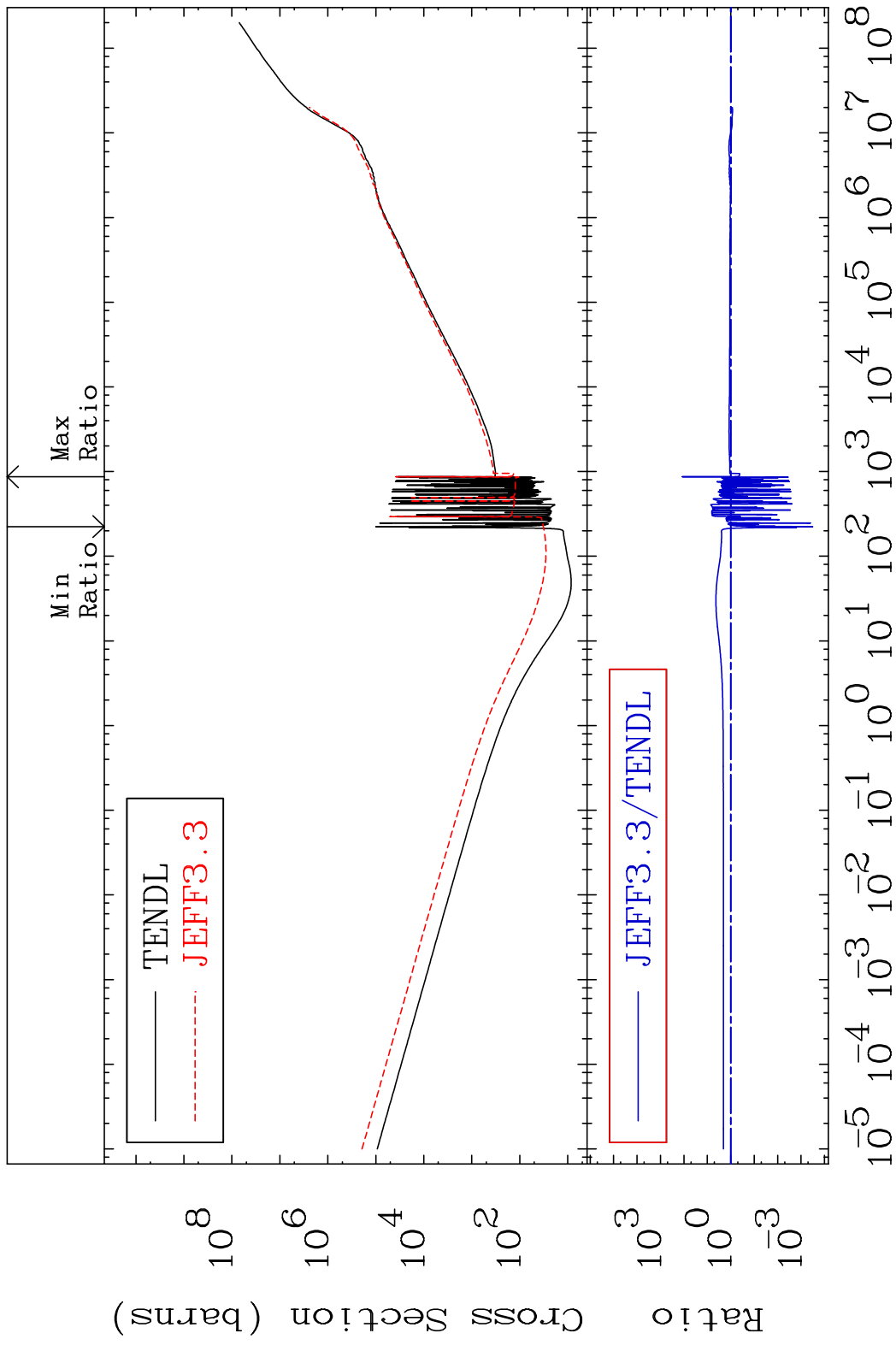
59 Incident Energy (eV) 50-Sn-115

MAT 5034 Total photon (eV-barns) 50-Sn-115
Cross Section -100.0 To 9999. %

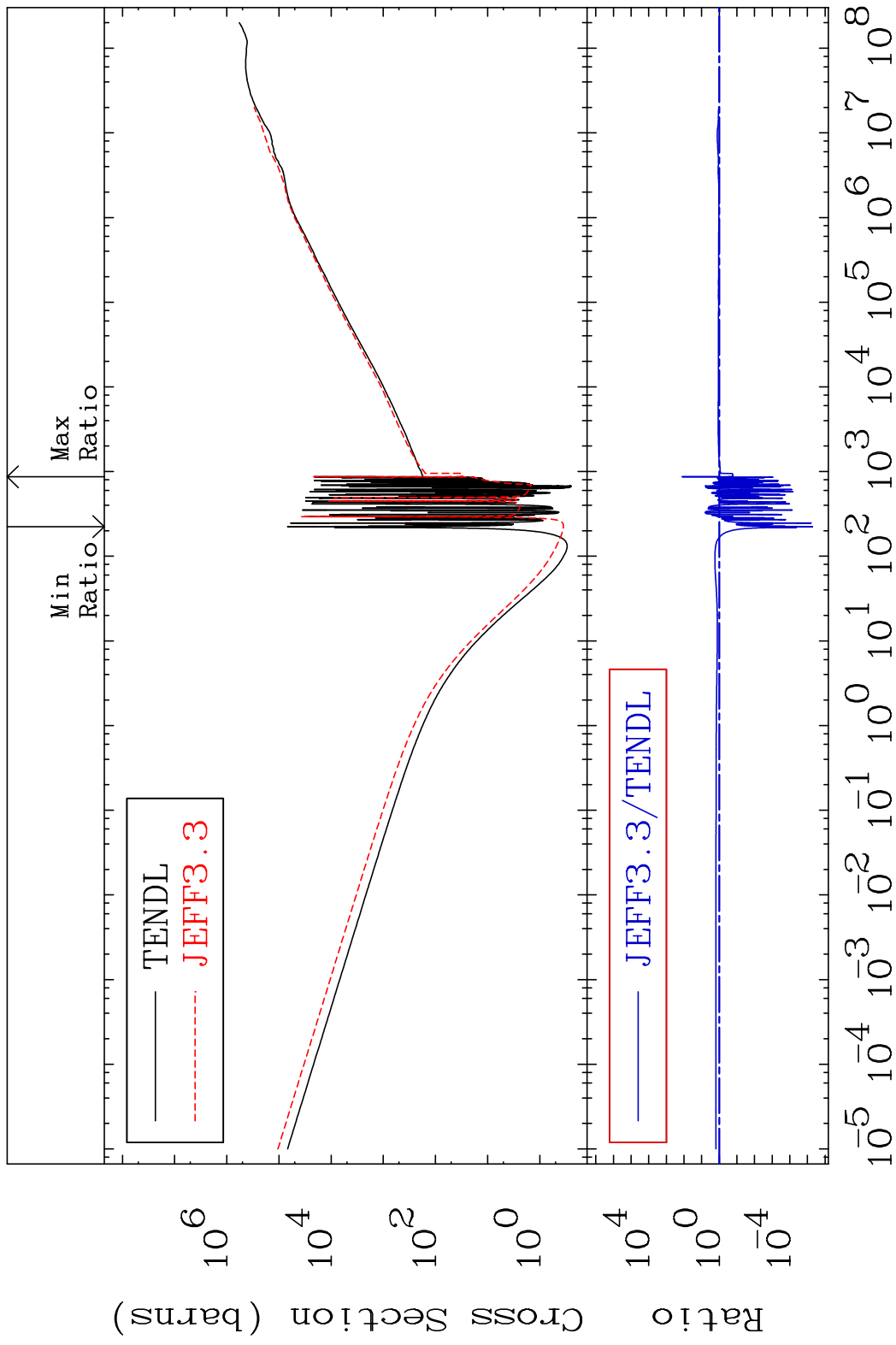


60 Incident Energy (eV) 50-Sn-115

MAT 5034 Total kinematic kerma (high limit) 50-Sn-115
 Cross Section -99.97 To 9999. %



MAT 5034 Dpa total (eV-barns) 50-Sn-115
 Cross Section -100.0 To 9999. %



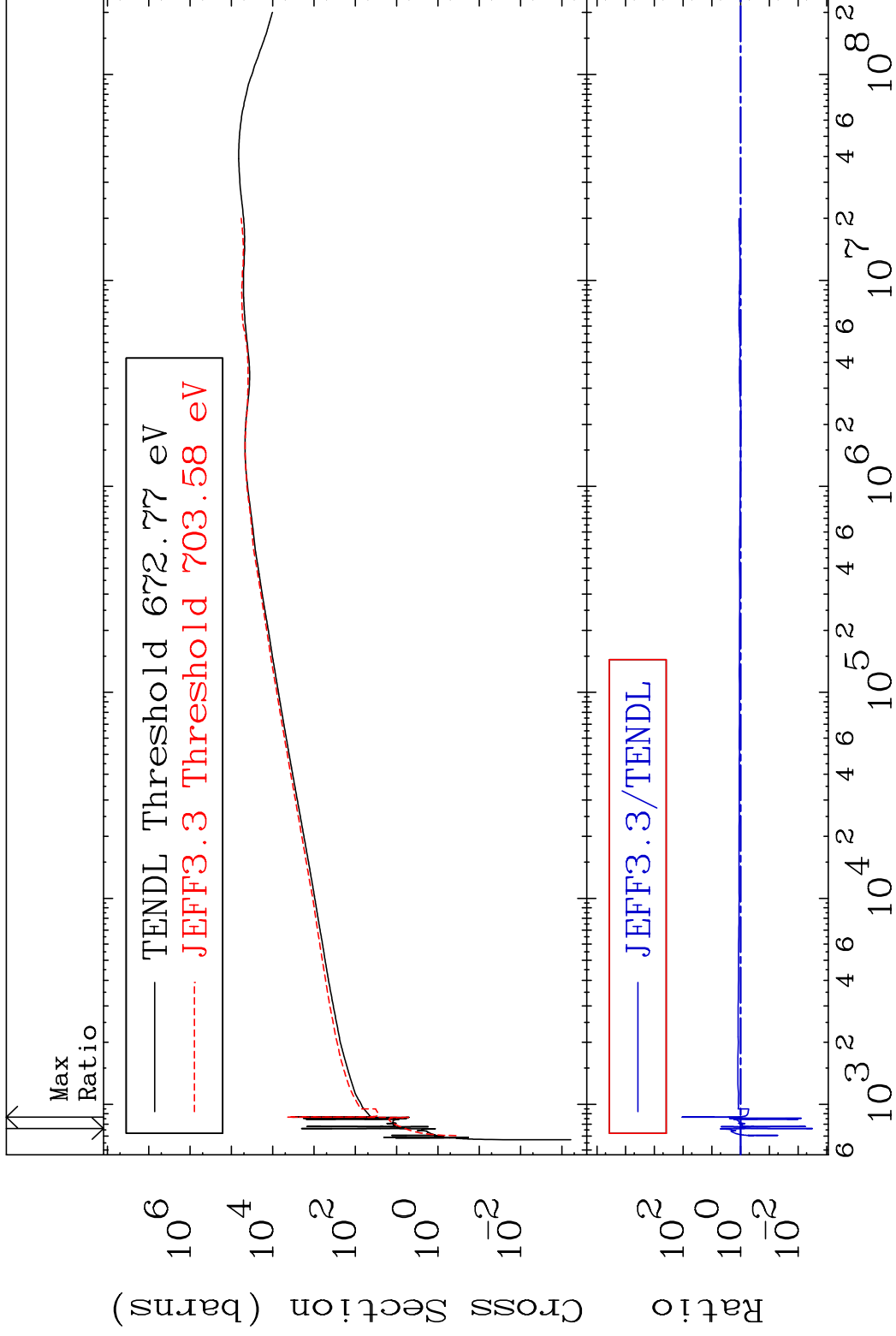
62 Incident Energy (eV) 50-Sn-115

MAT 5034

Dpa elastic (mt2)

50-Sn-115

Cross Section -99.69 To 9999. %



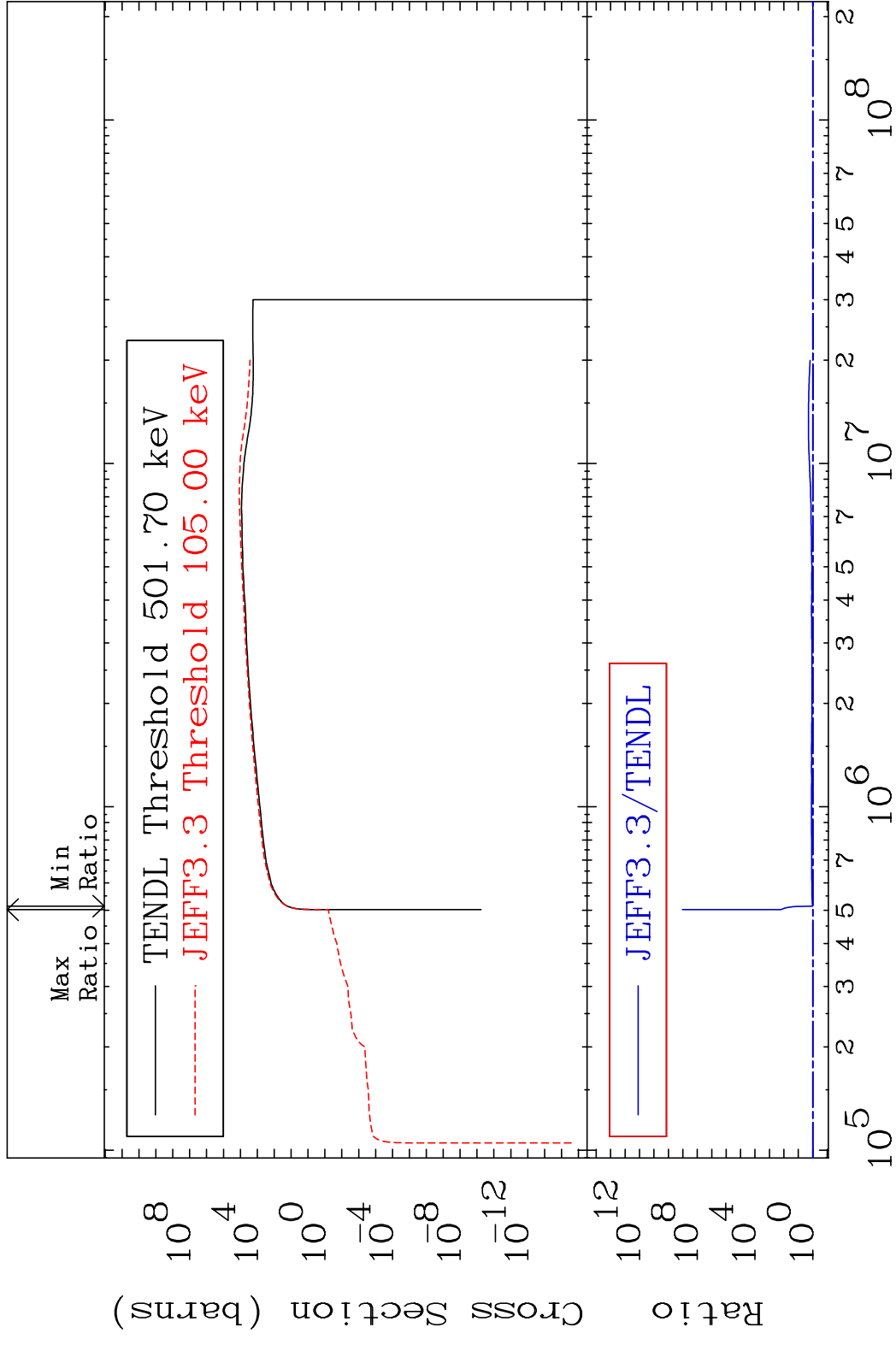
63

Incident Energy (eV)

50-Sn-115

MAT 5034

Dpa inelastic (mt51-91) 50-Sn-115
Cross Section 2.841 To 9999. %

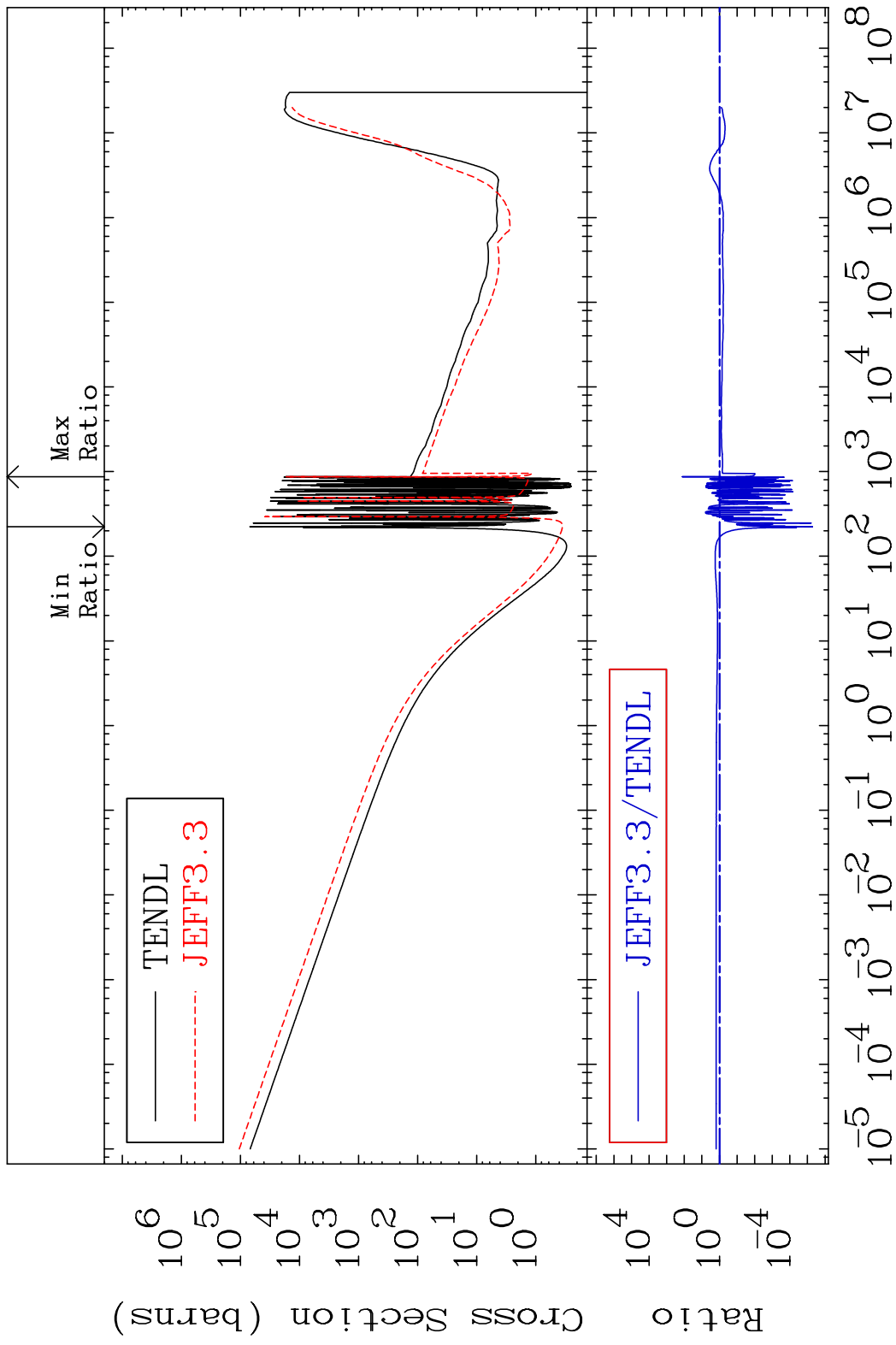


64

Incident Energy (eV)

50-Sn-115

MAT 5034 Dpa disappearance (mt102 -120) 50-Sn-115
 Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 50-Sn-115