

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

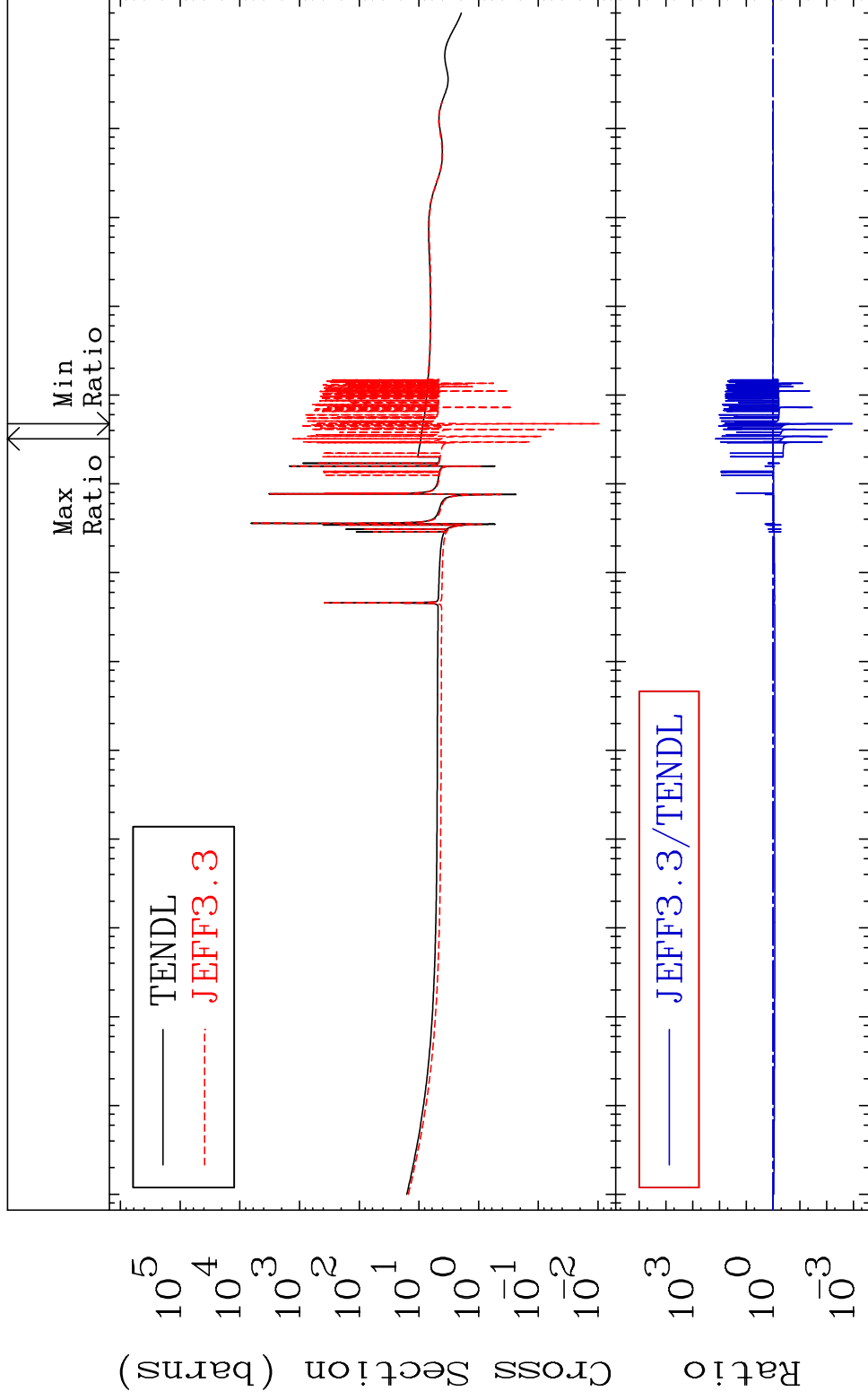
MAT 5043

Total

50-Sn-118

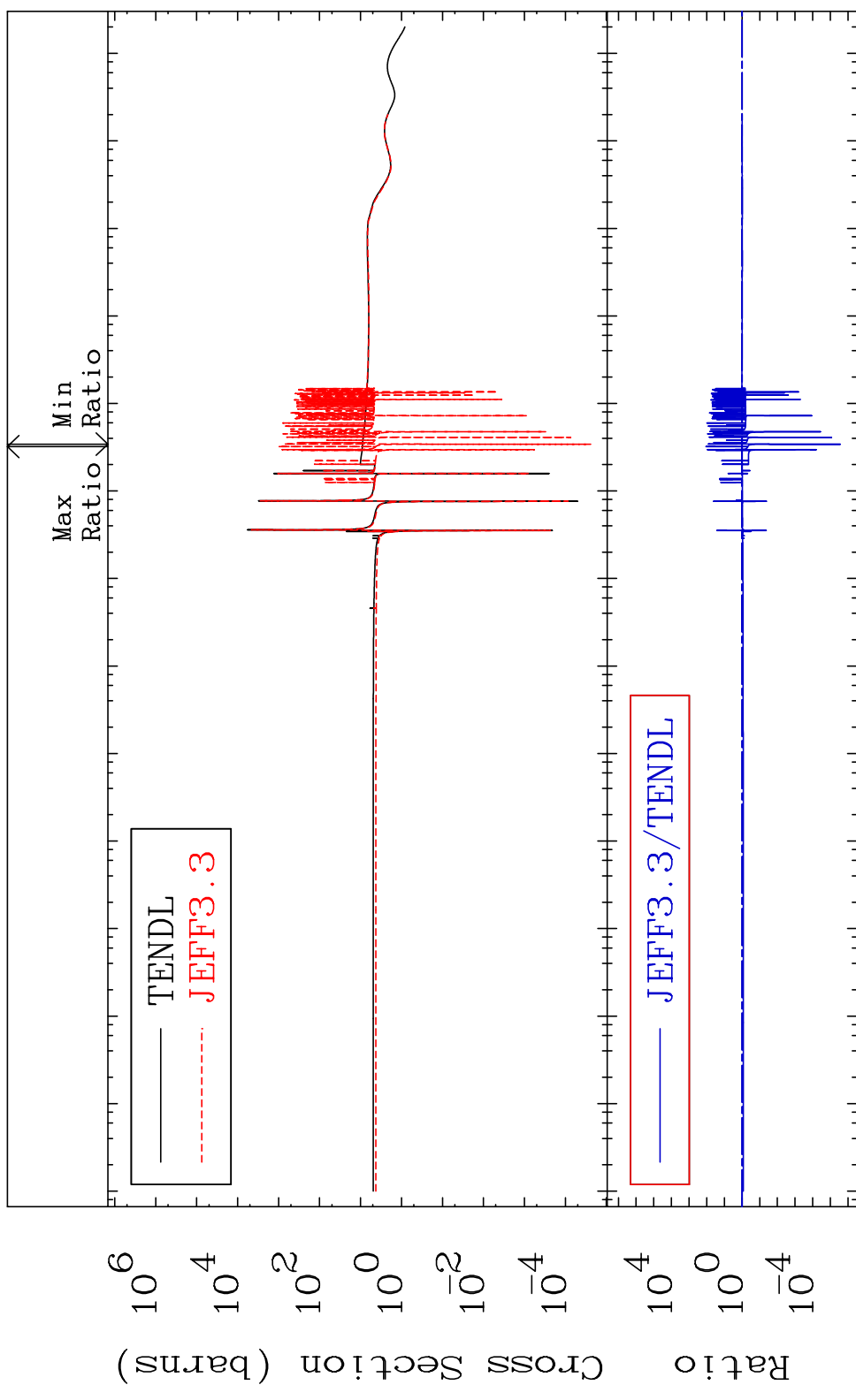
Cross Section

-99.89 To 9999. %



MAT 5043

Elastic Cross Section -100.0 To 9999. %
50-Sn-118



2 Incident Energy (eV) 50-Sn-118

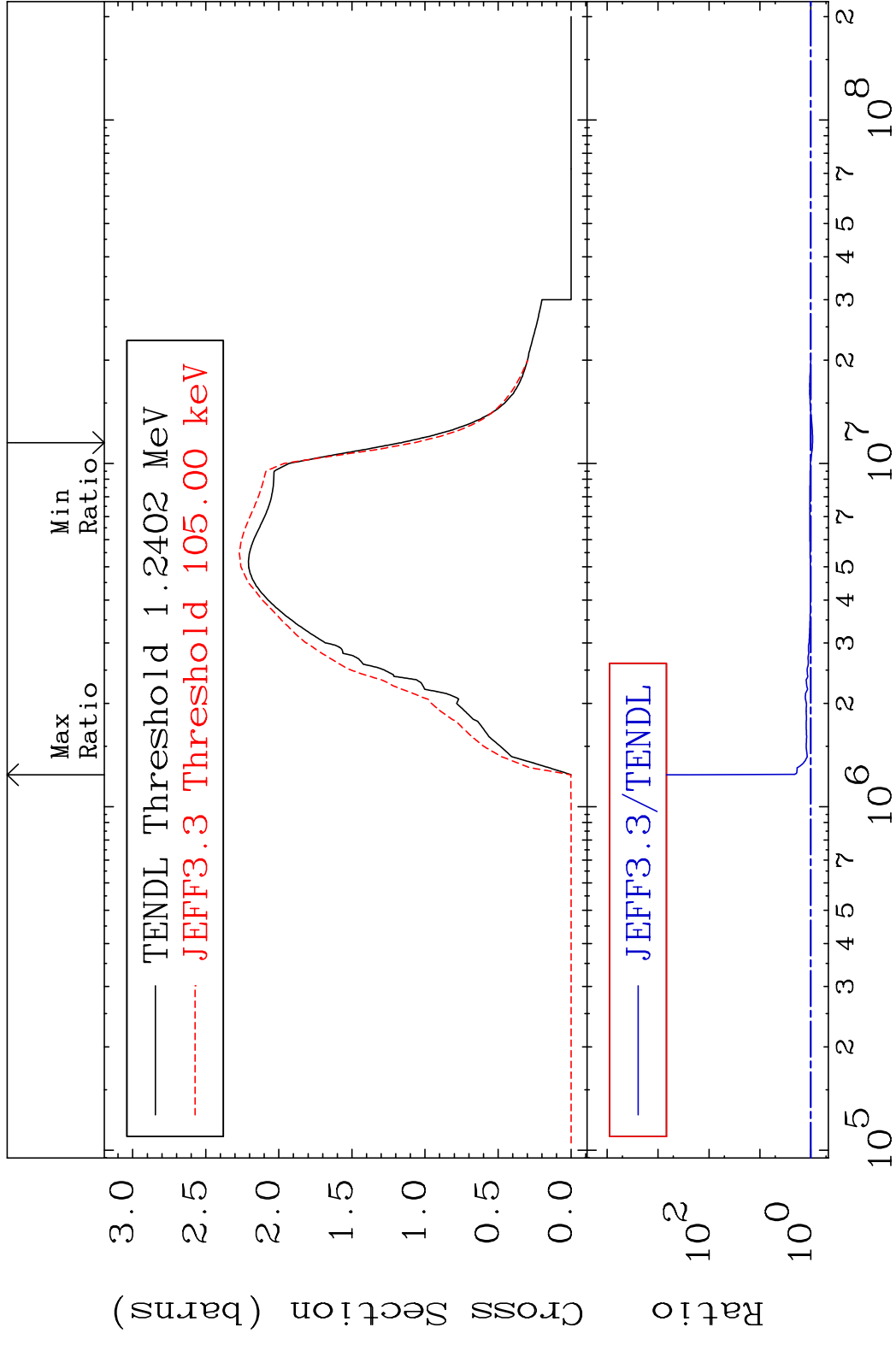
MAT 5043

Inelastic

50-Sn-118

Cross Section

-7.626 To 9999. %



Incident Energy (eV)

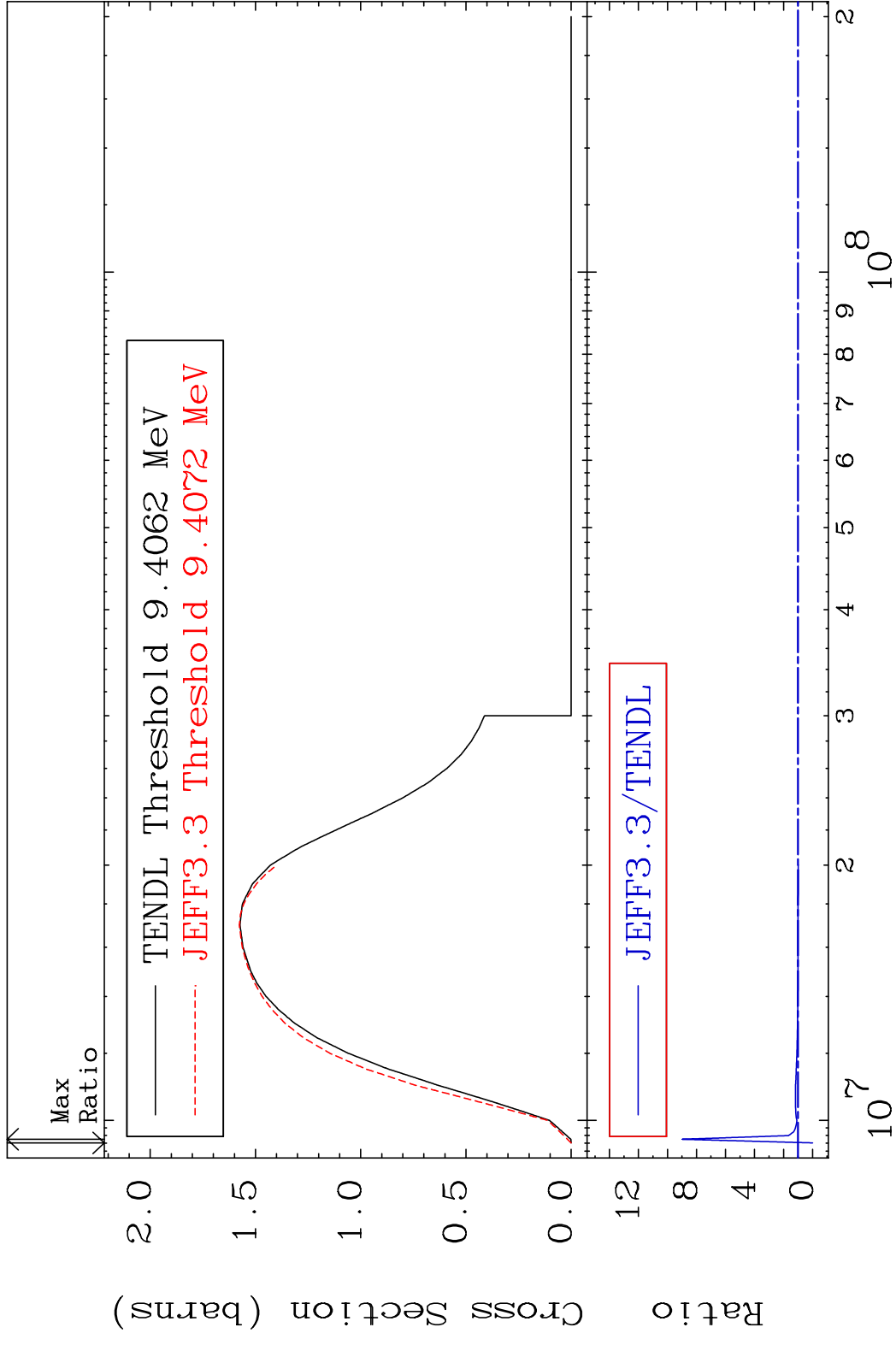
50-Sn-118

MAT 5043

(n,2n)

50-Sn-118

Cross Section -100.0 To 797.5 %



4

Incident Energy (eV)

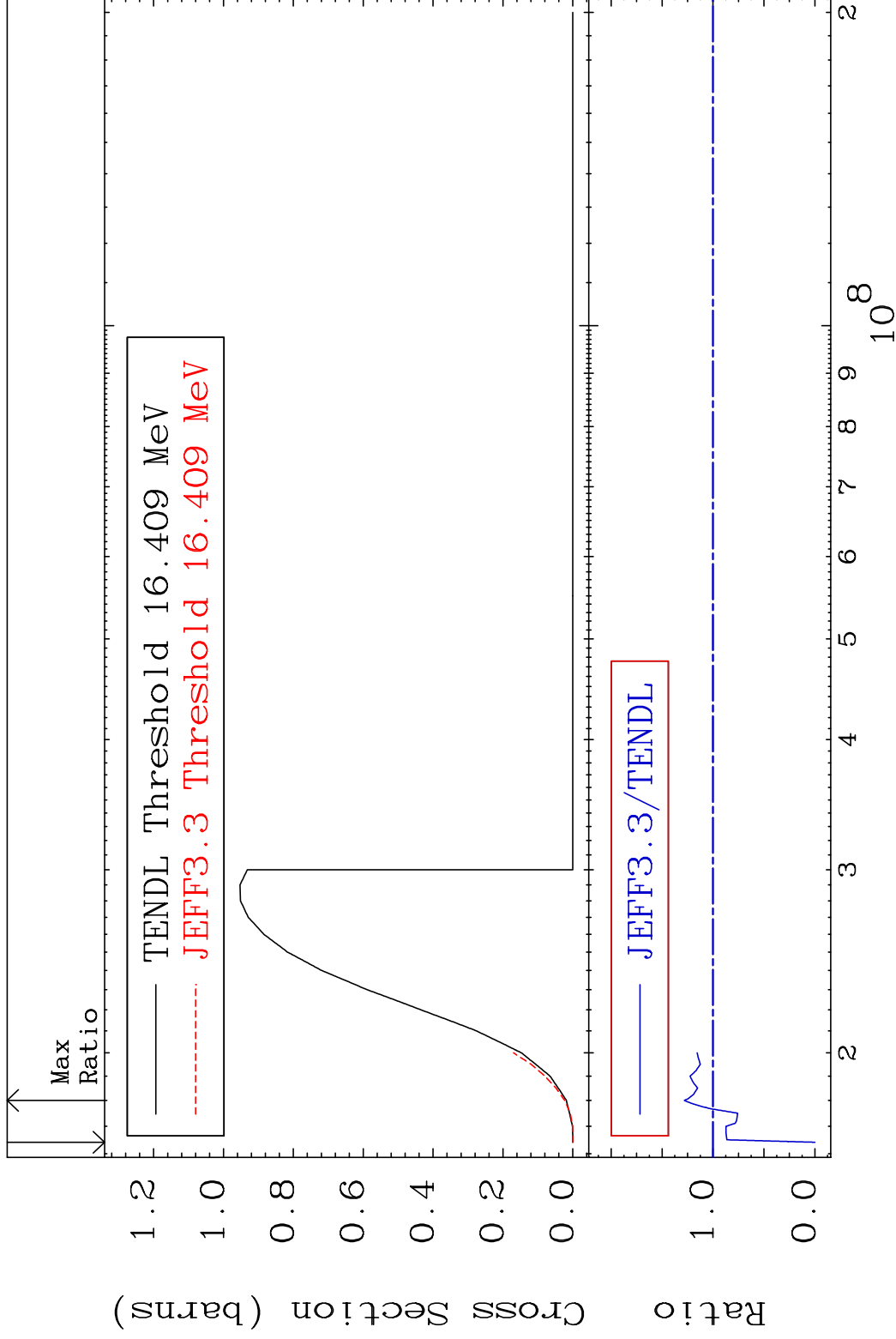
50-Sn-118

MAT 5043

(n,3n)

50-Sn-118

Cross Section -100.0 To 28.16 %

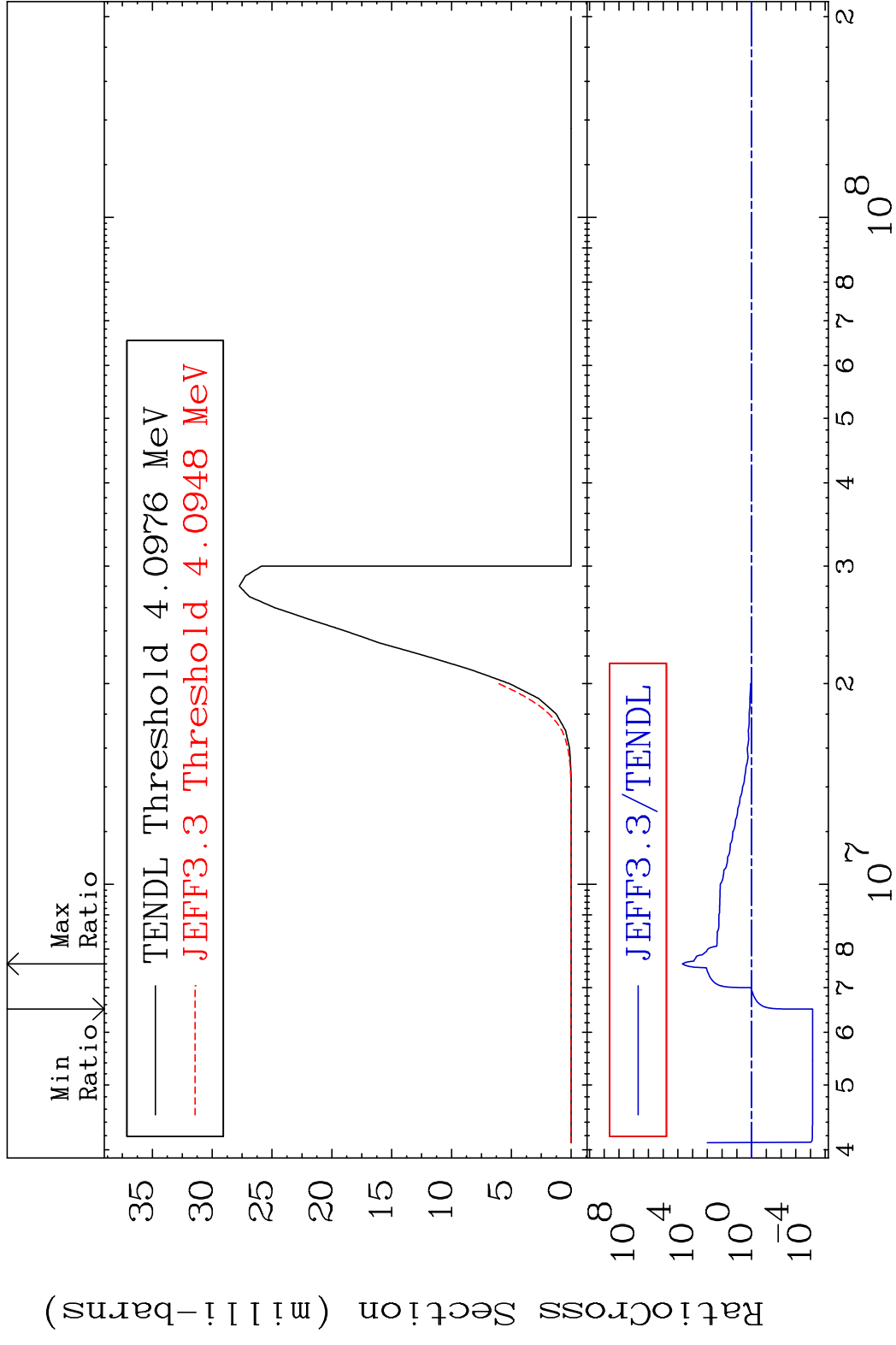


5

Incident Energy (eV)

50-Sn-118

MAT 5043 (n, n') α 50-Sn-118
 Cross Section -99.99 To 9999. %

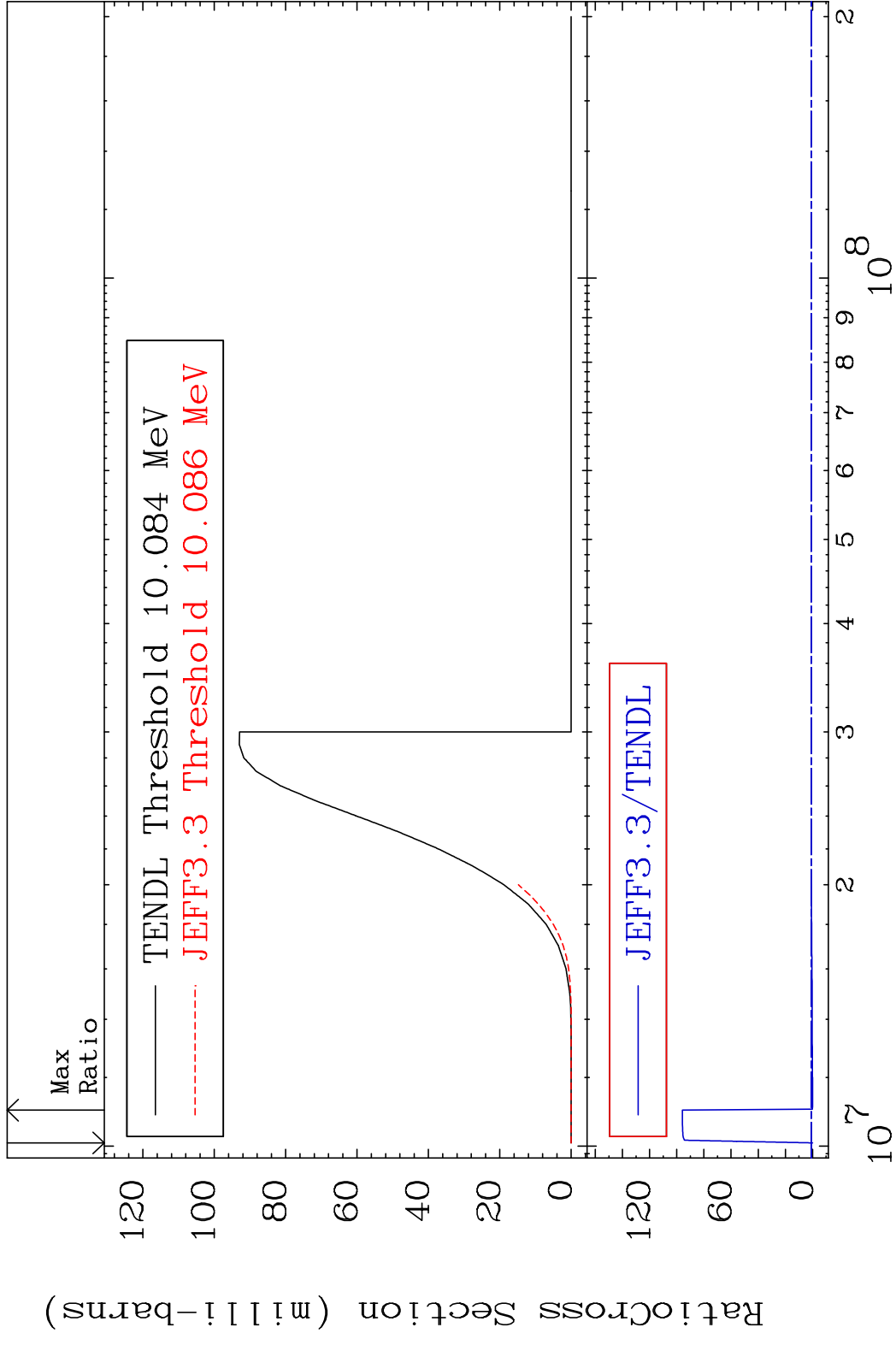


MAT 5043

(n, n') p

50-Sn-118

Cross Section -100.0 To 9488. %

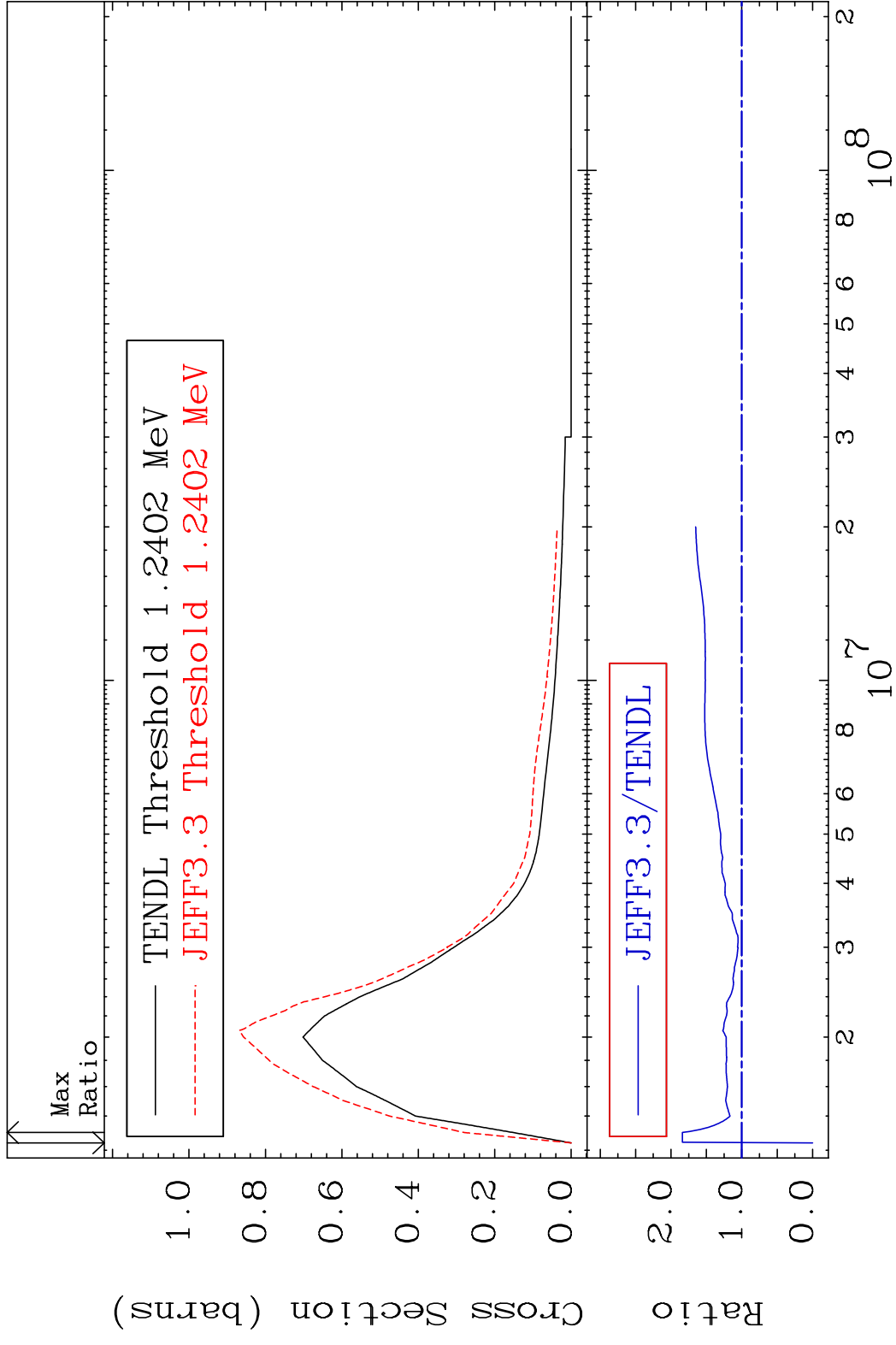


7

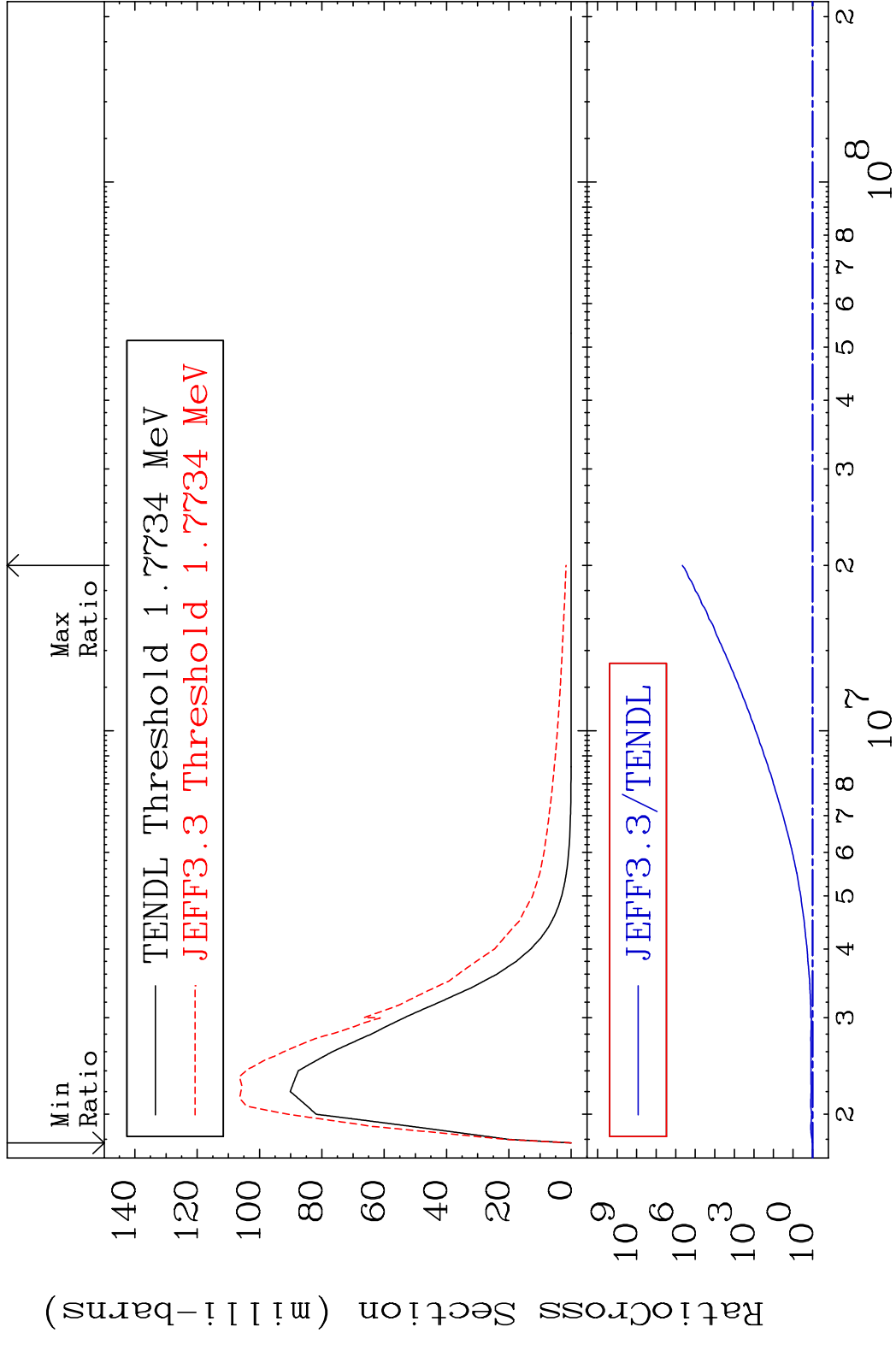
Incident Energy (eV)

50-Sn-118

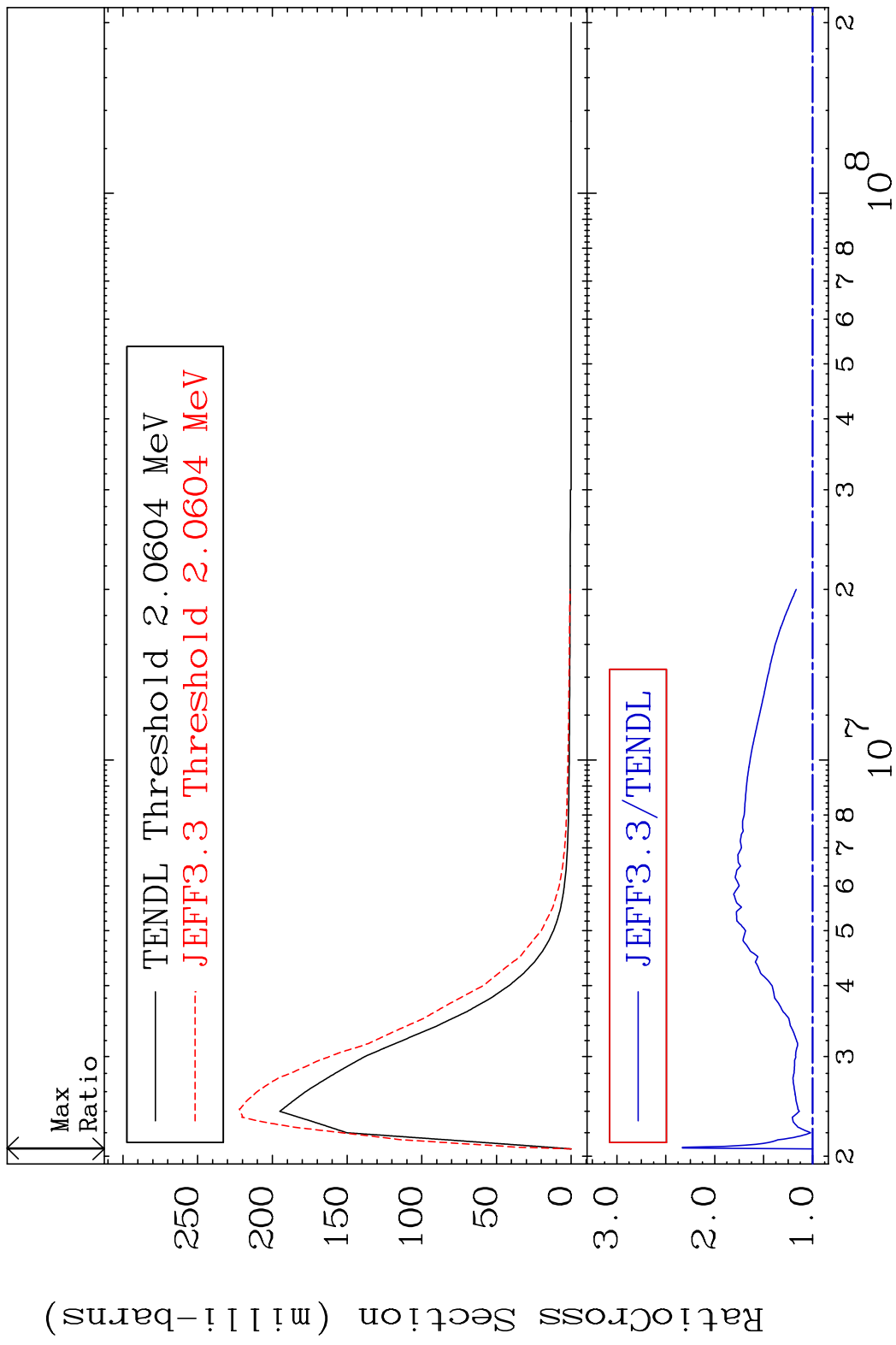
MAT 5043 MT= 51 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 83.97 %



MAT 5043 MT= 52 (n, n') Level 50-Sn-118
 Cross Section 0.000 To 9999. %

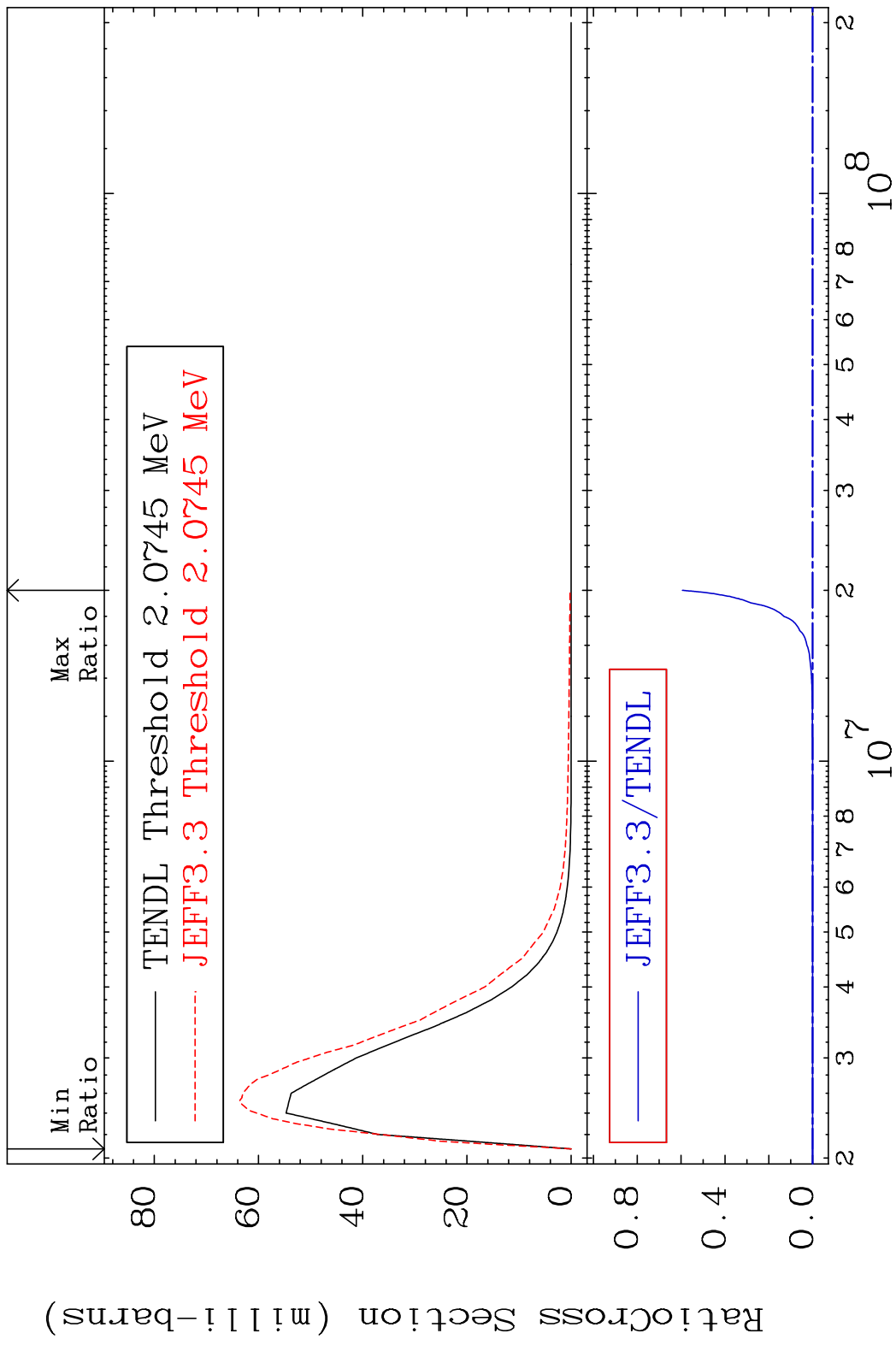


MAT 5043 MT= 53 (n, n') Level 50-Sn-118
 Cross Section 0.000 To 133.1 %

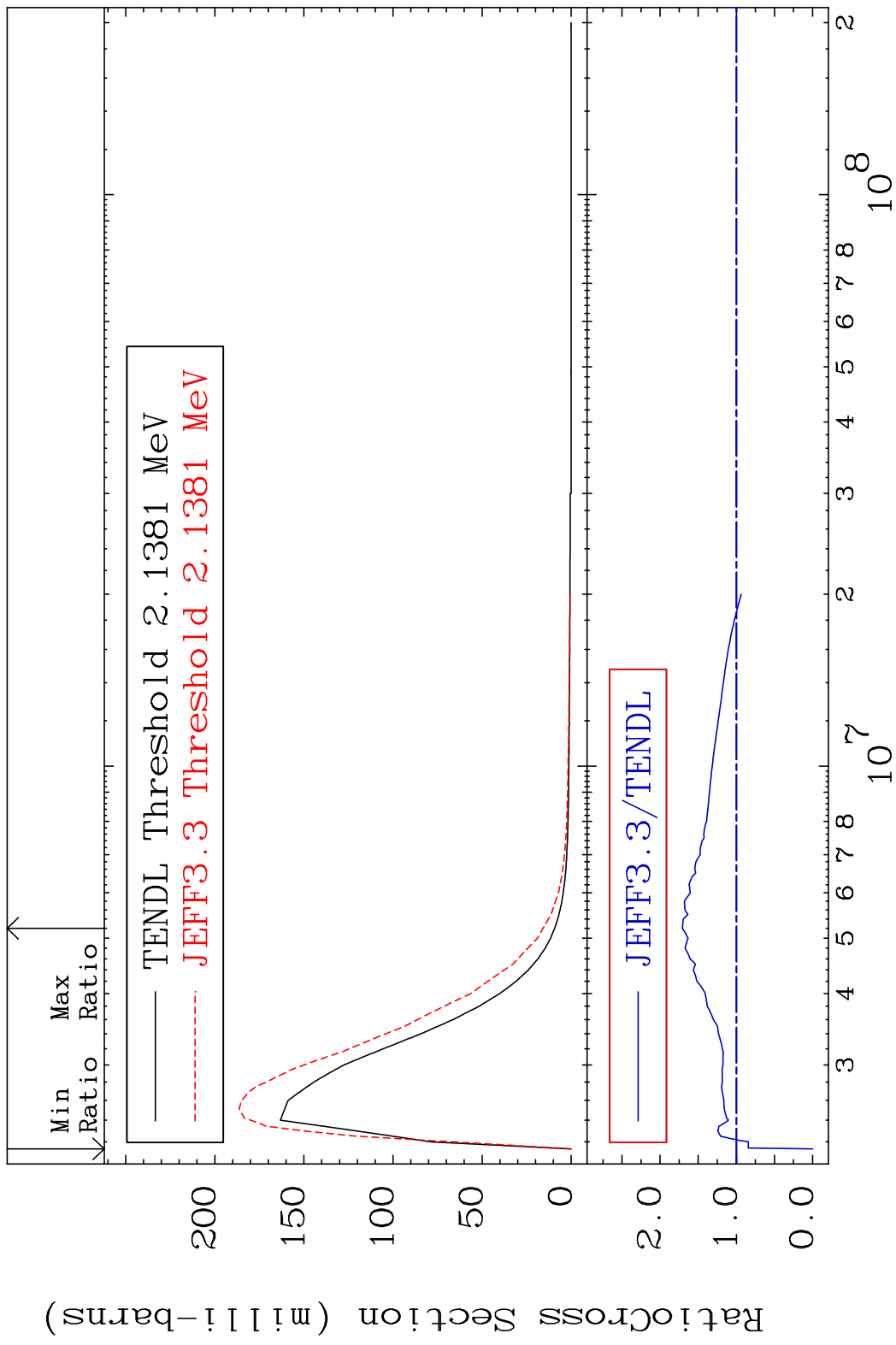


10 Incident Energy (eV) 50-Sn-118

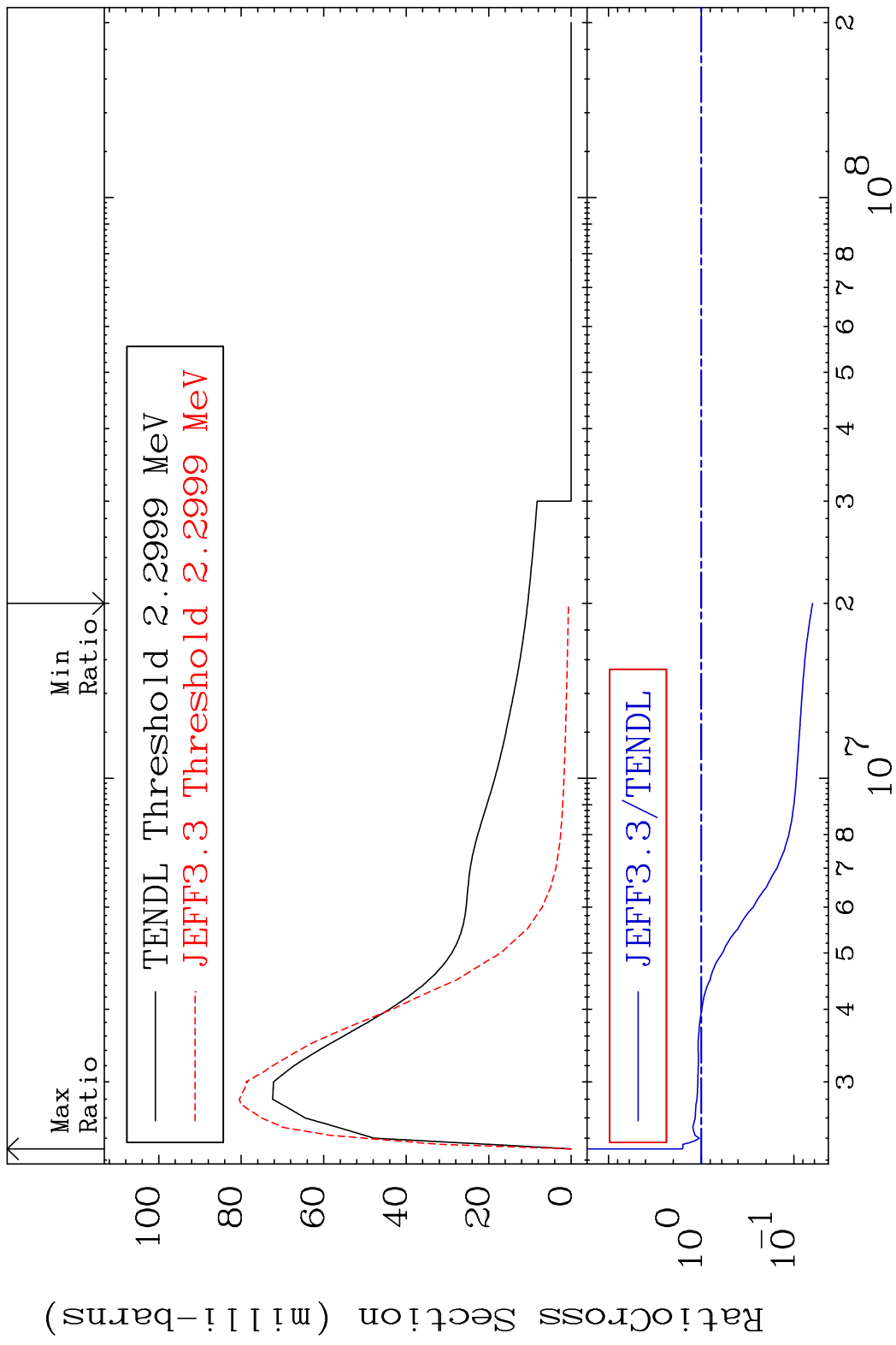
MAT 5043 MT= 54 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 9999. %



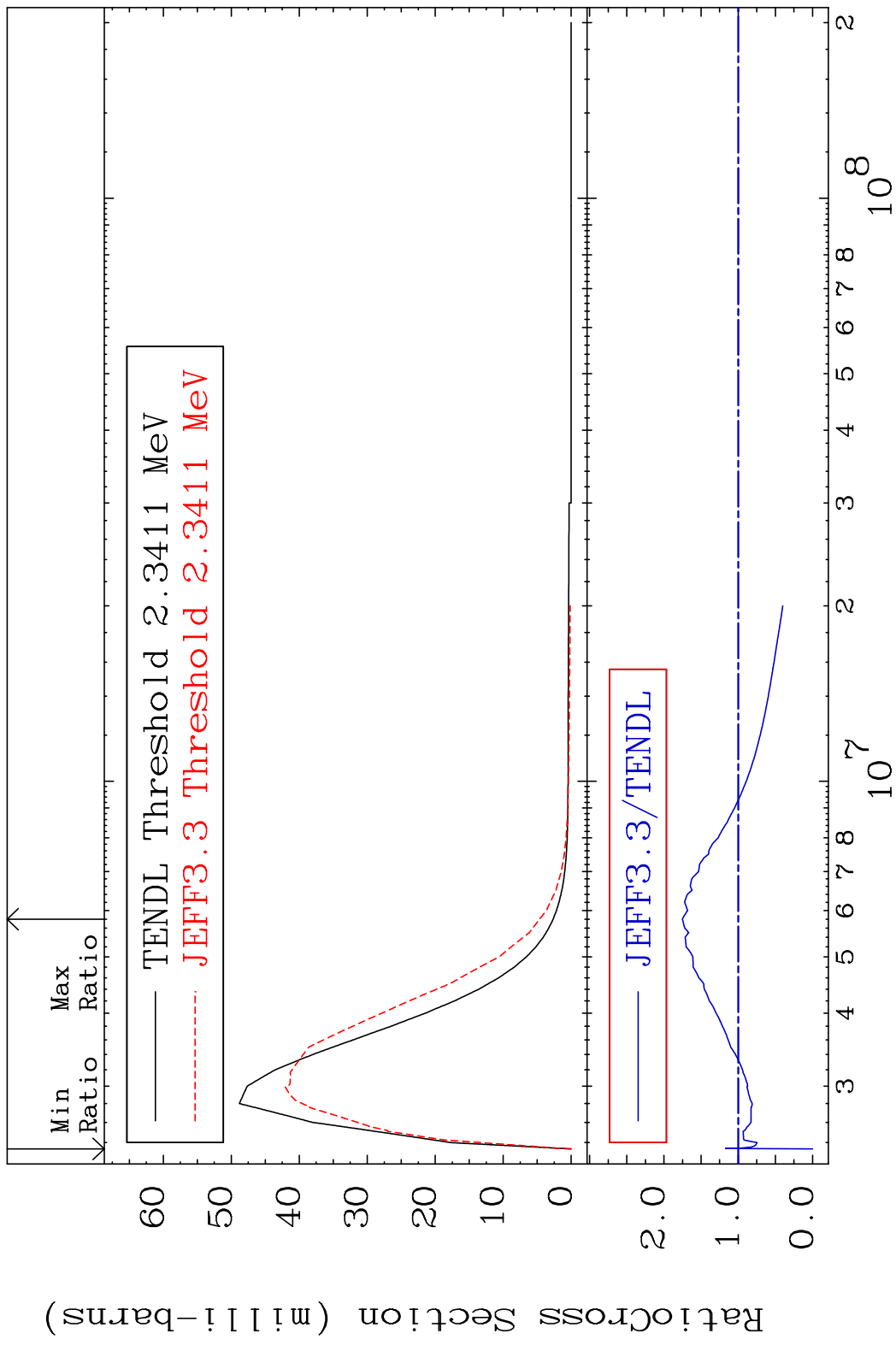
MAT 5043 MT= 55 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 70.83 %



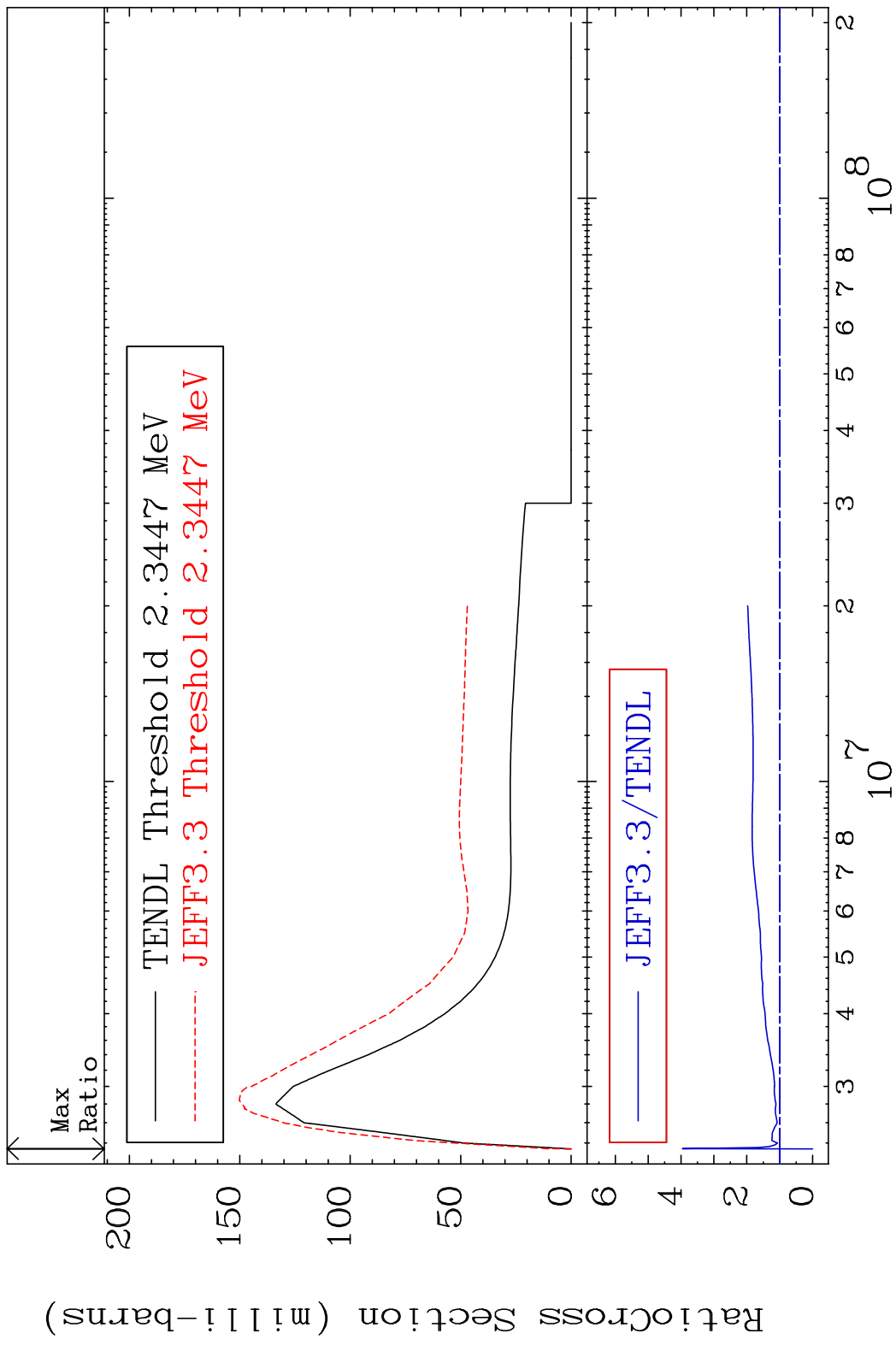
MAT 5043 MT= 56 (n,n') Level 50-Sn-118
 Cross Section -93.71 To 59.89 %



MAT 5043 MT= 57 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 75.21 %

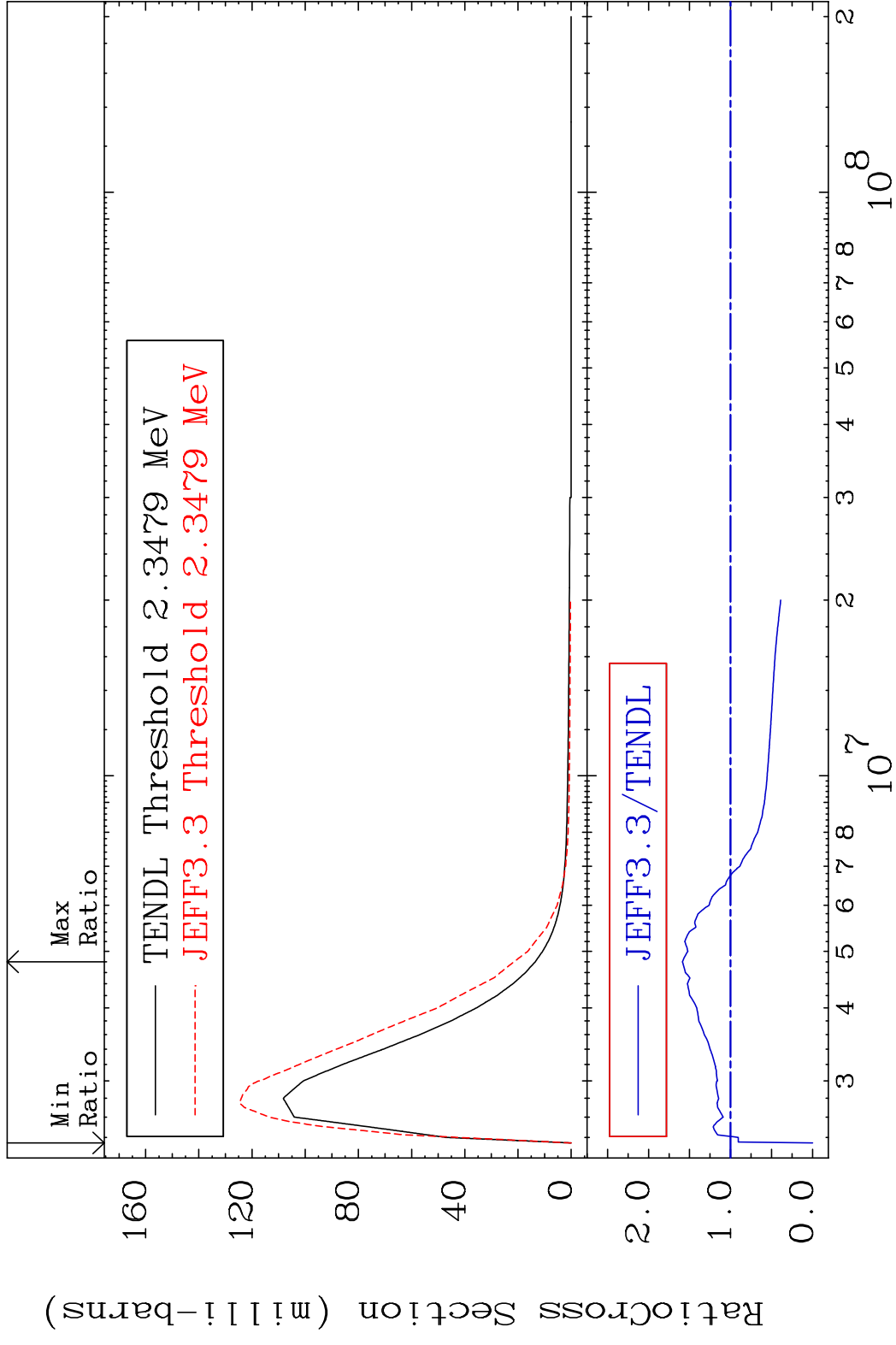


MAT 5043 MT= 58 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 296.0 %

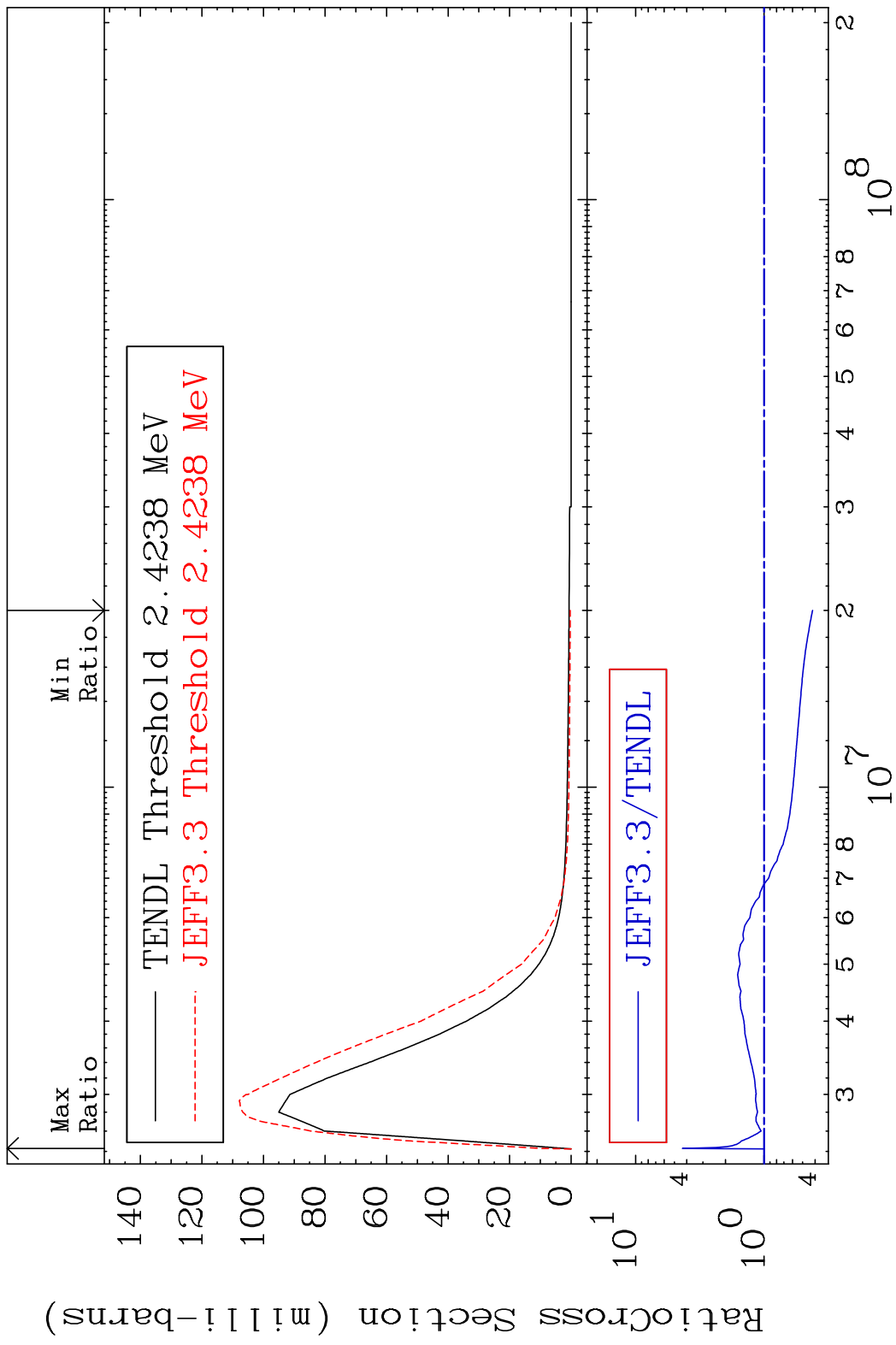


15 50-Sn-118

MAT 5043 MT= 59 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 58.80 %



MAT 5043 MT= 60 (n, n') Level 50-Sn-118
 Cross Section -58.14 To 333.2 %



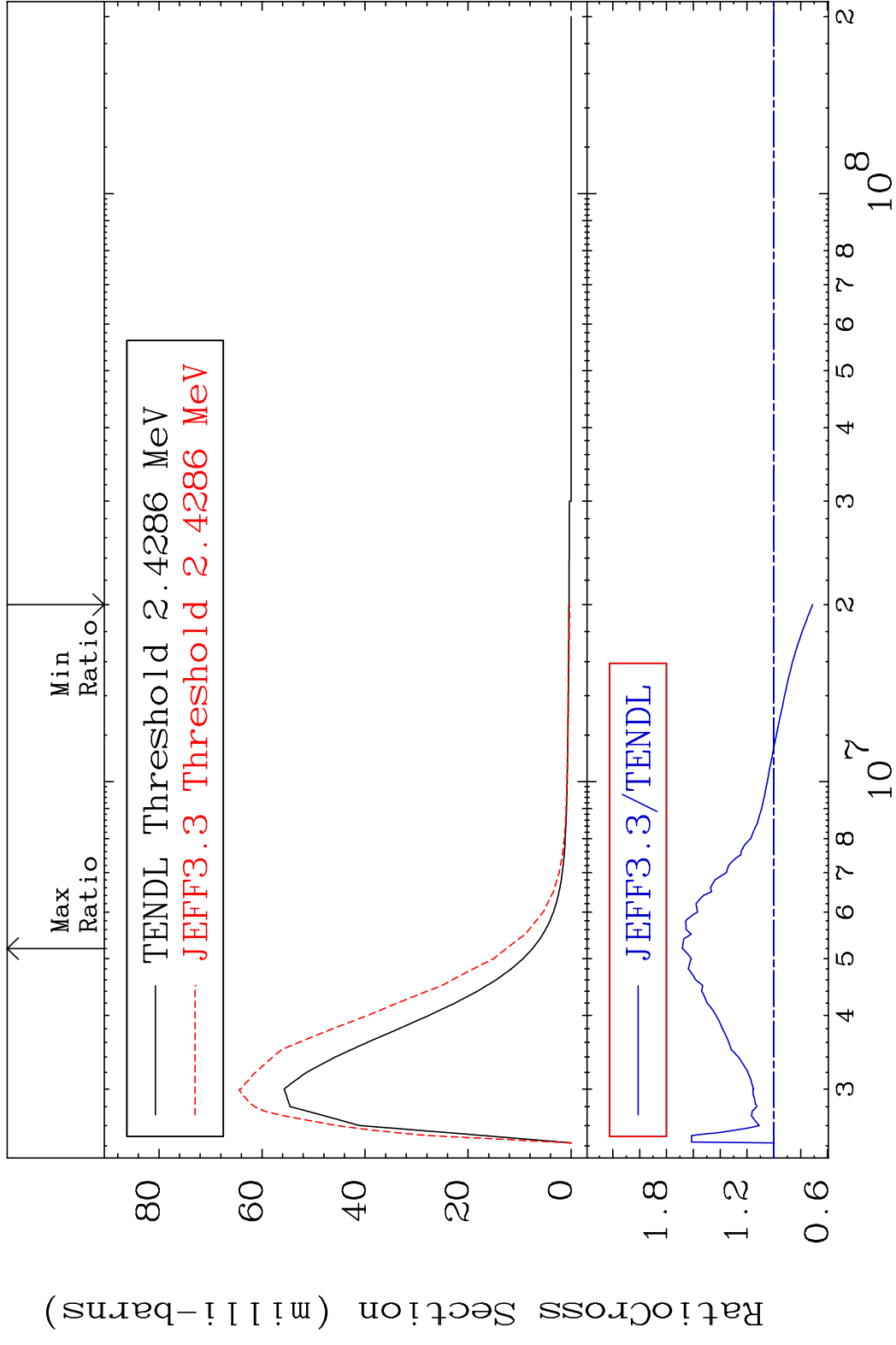
17 Incident Energy (eV) 50-Sn-118

MAT 5043

MT= 61 (n, n') Level

50-Sn-118

Cross Section -28.83 To 68.19 %

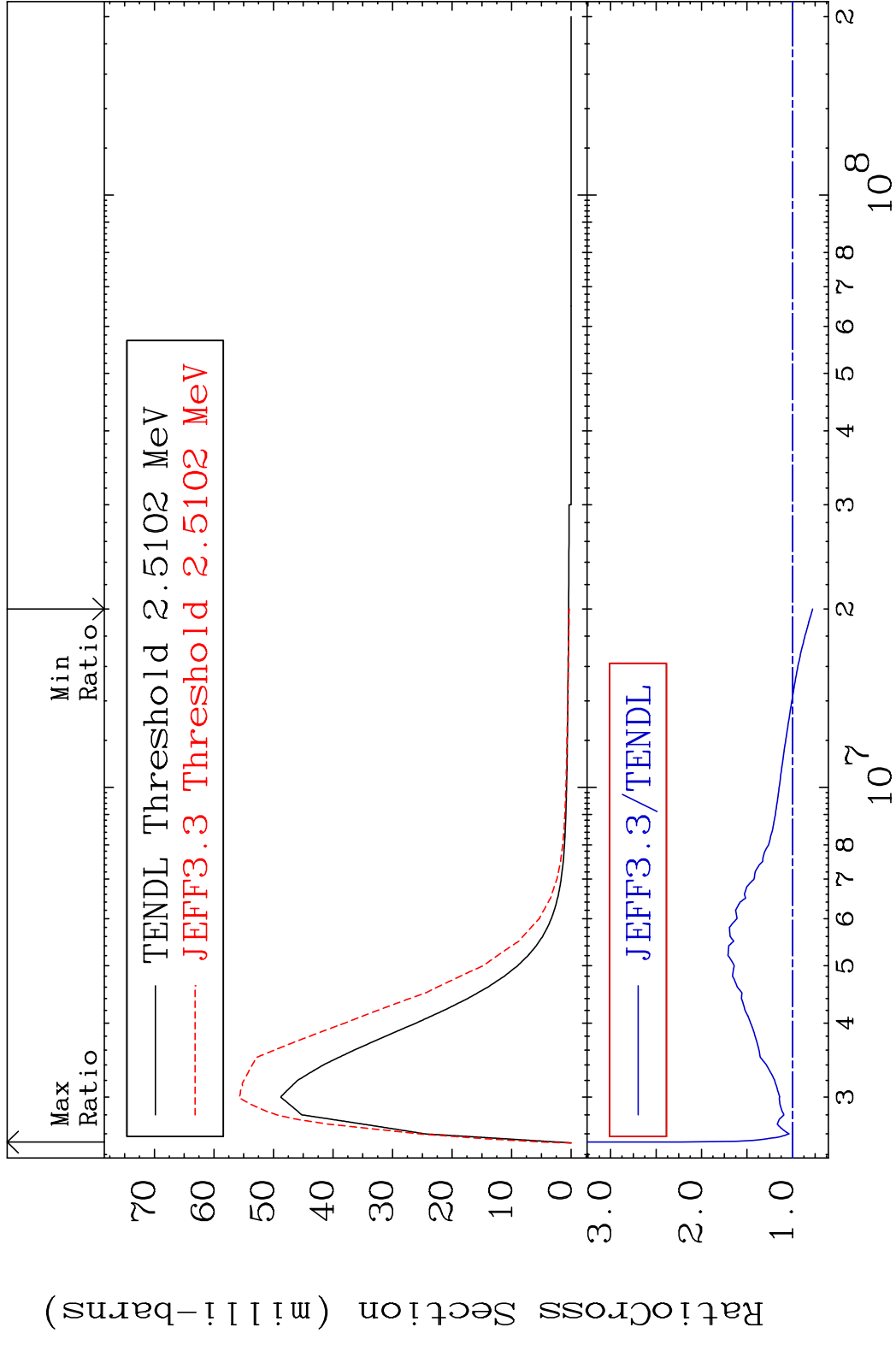


18

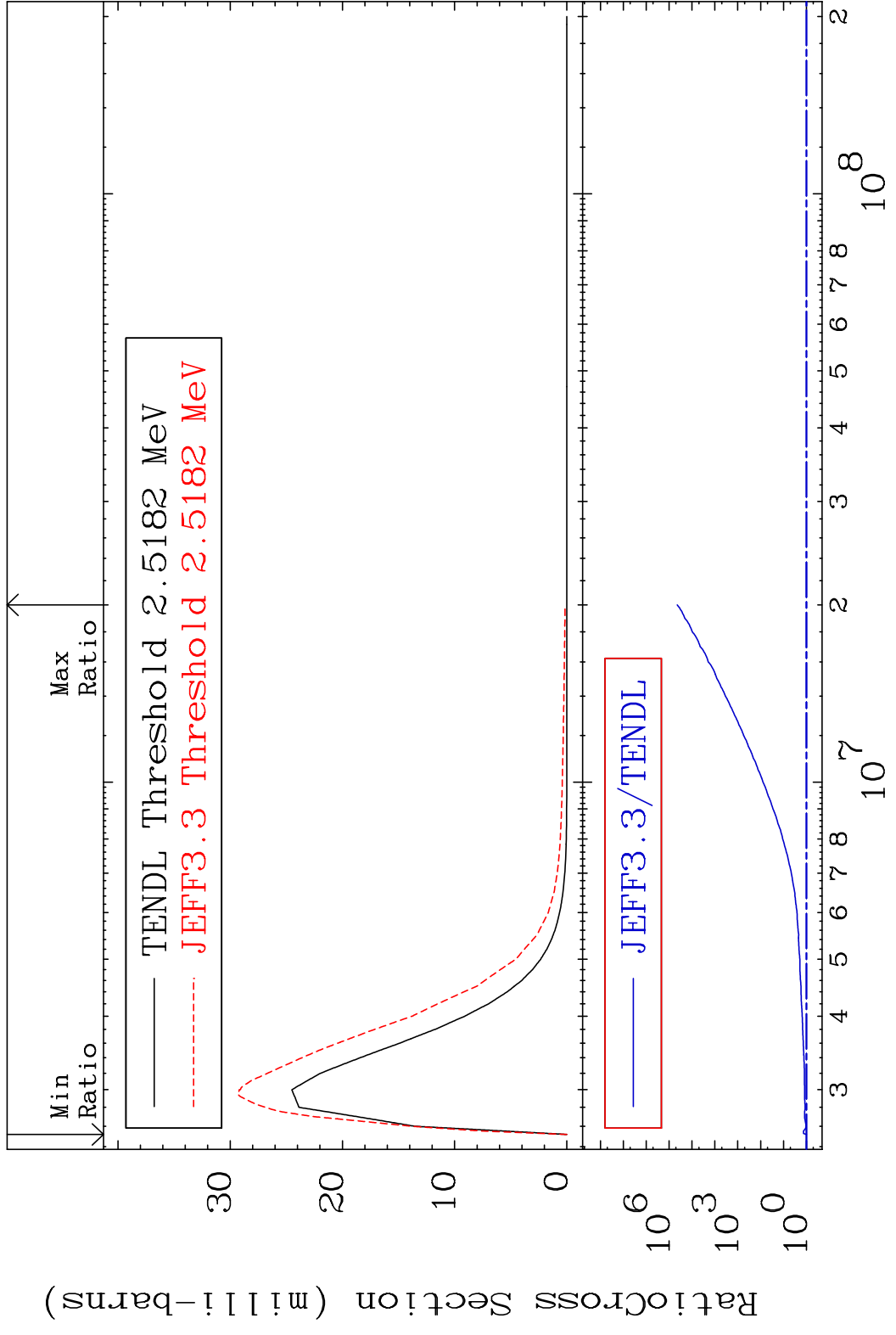
Incident Energy (eV)

50-Sn-118

MAT 5043 MT= 62 (n, n') Level 50-Sn-118
 Cross Section -22.08 To 121.1 %



MAT 5043 MT= 63 (n, n') Level 50-Sn-118
 Cross Section 0.000 To 9999. %



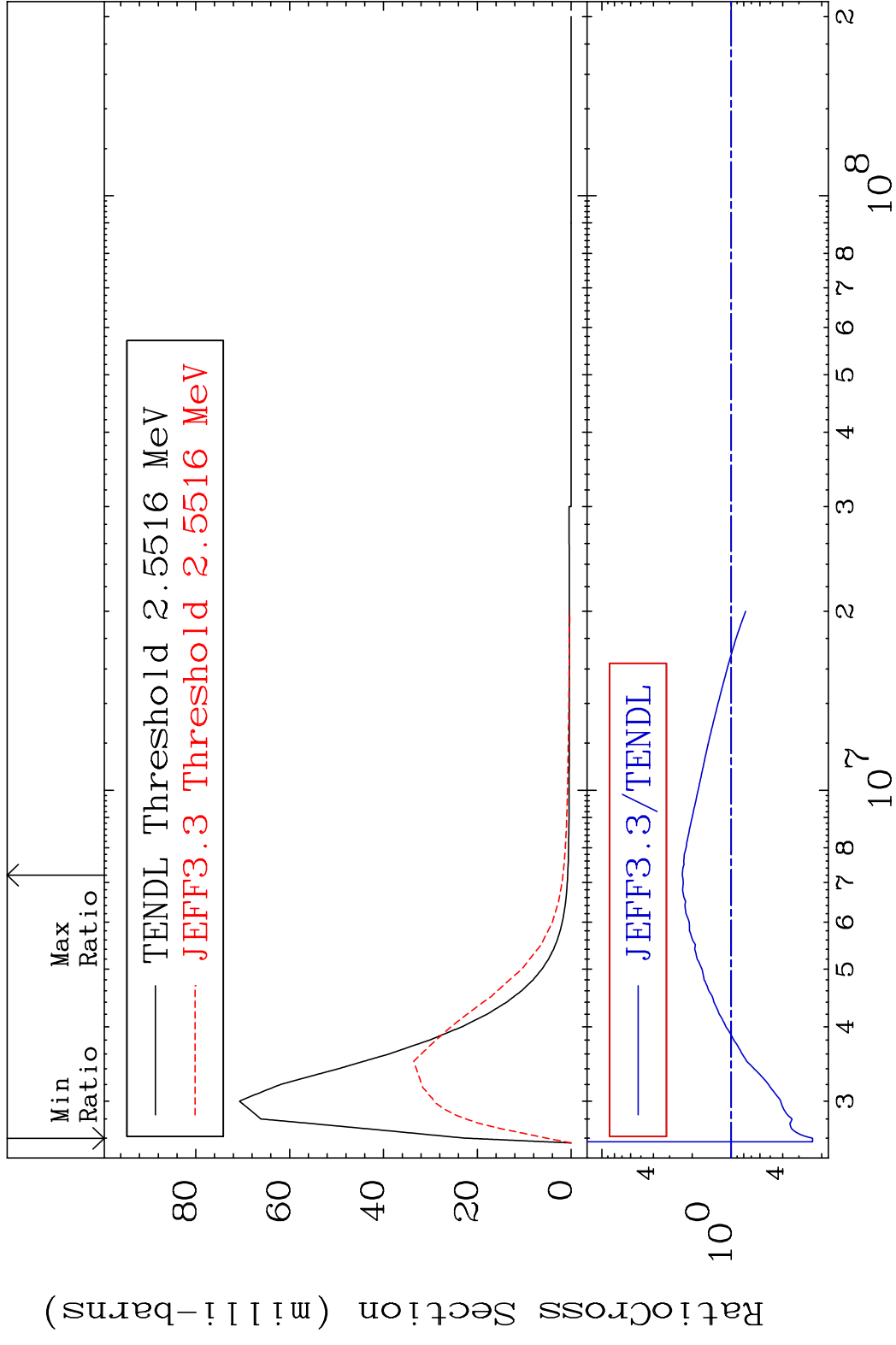
20 Incident Energy (eV) 50-Sn-118

MAT 5043

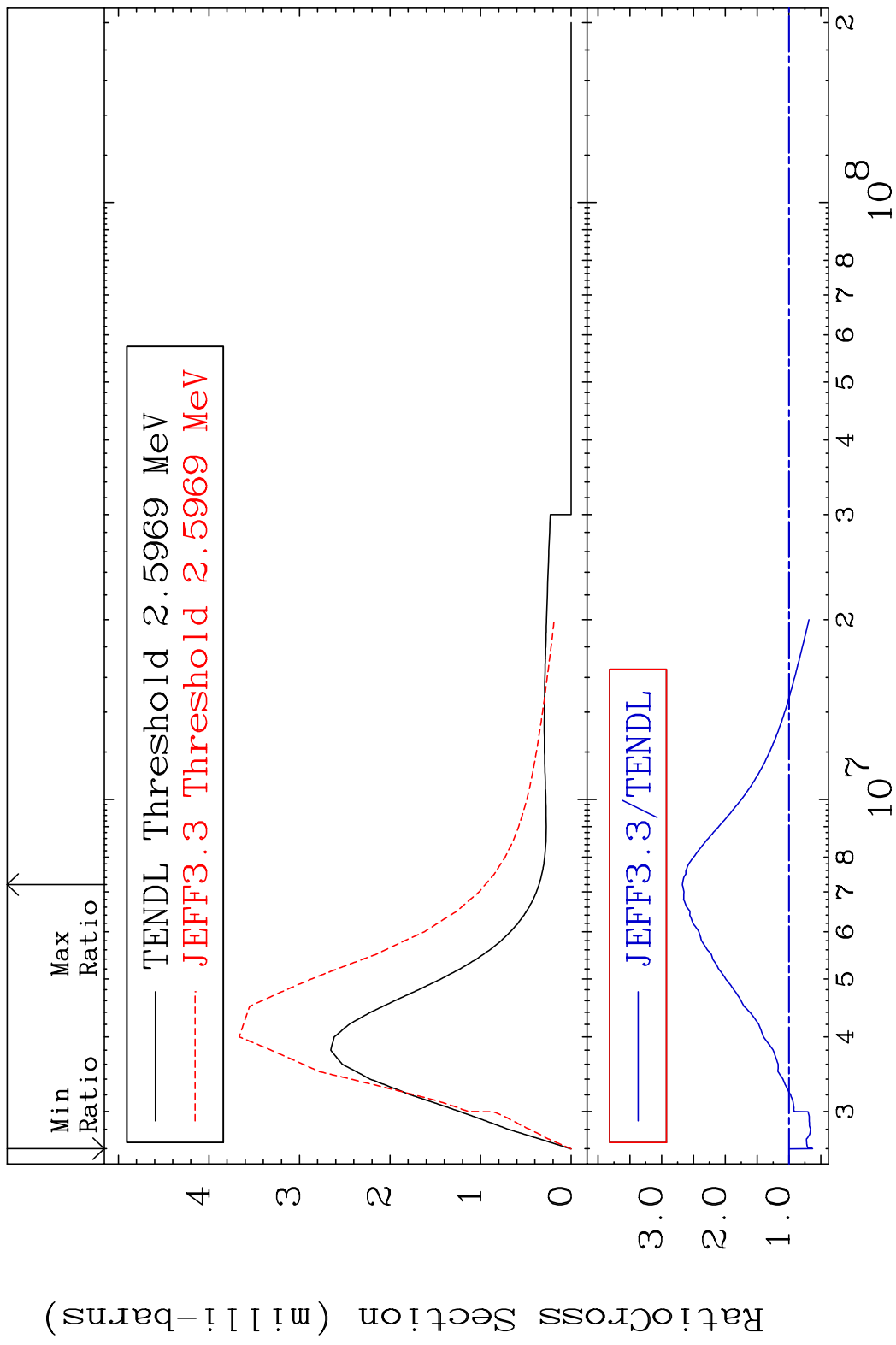
MT= 64 (n, n') Level

50-Sn-118

Cross Section -76.48 To 138.7 %



MAT 5043 MT= 65 (n, n') Level 50-Sn-118
 Cross Section -37.01 To 167.5 %

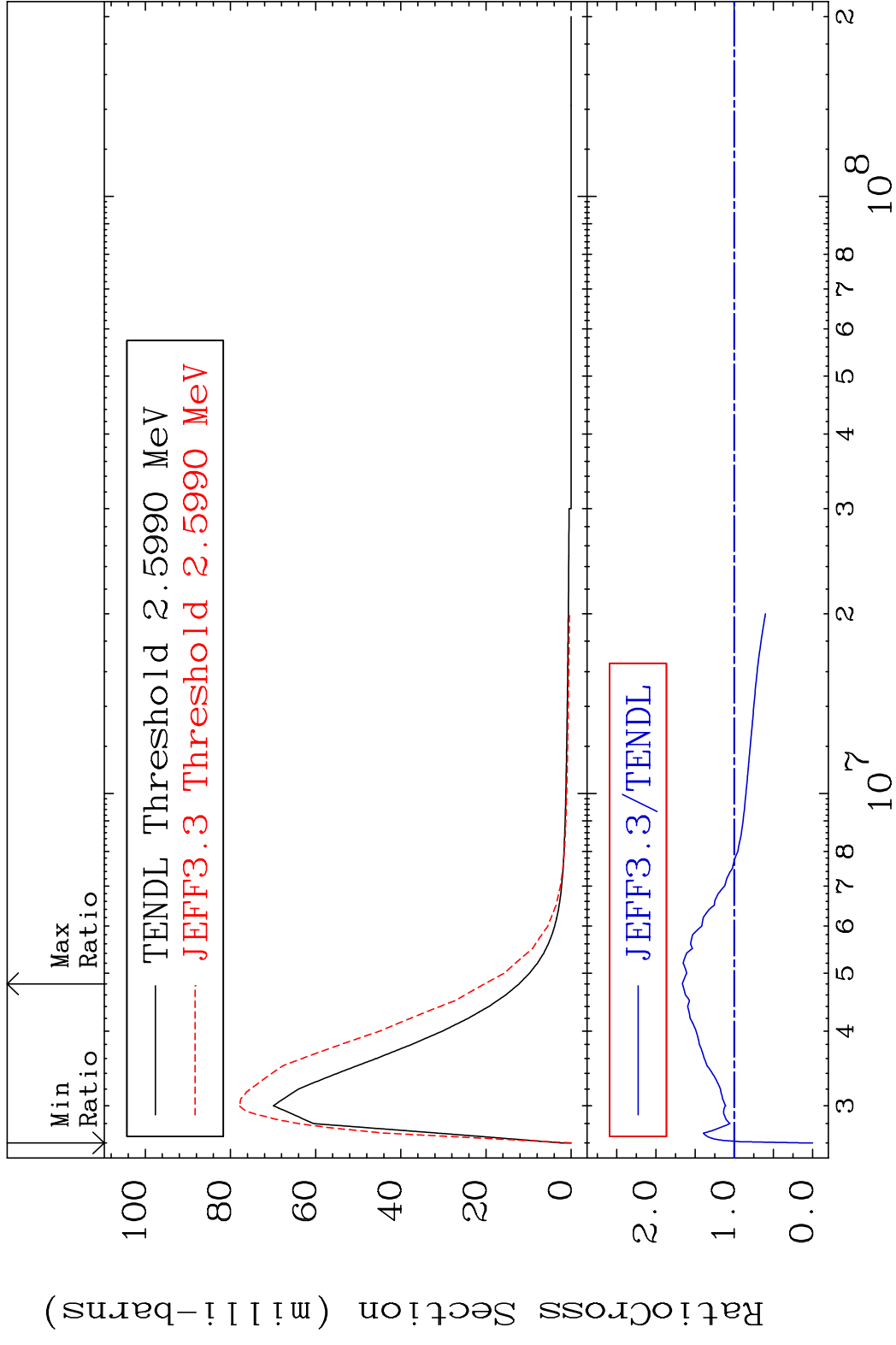


MAT 5043

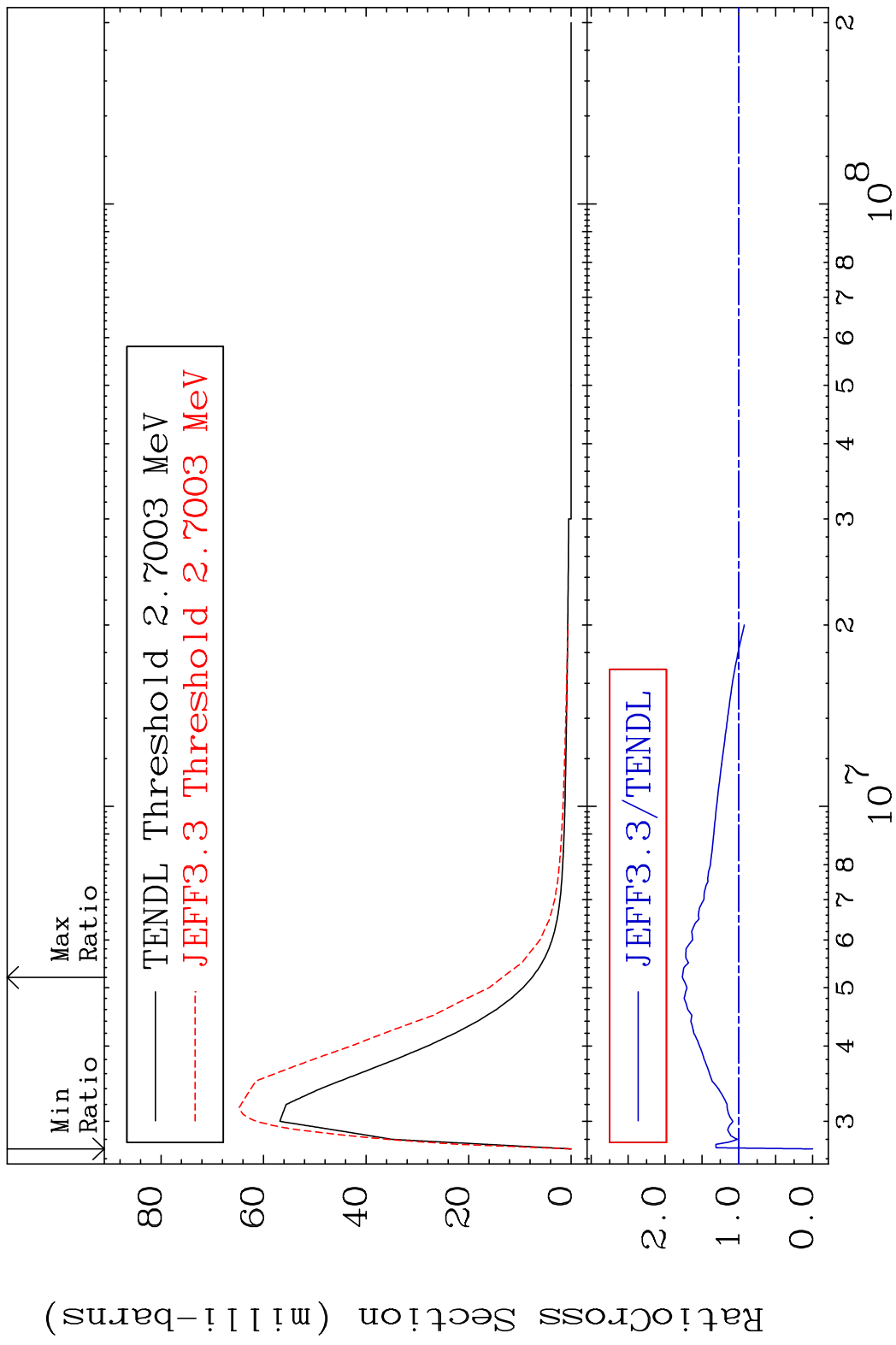
MT= 66 (n, n') Level

50-Sn-118

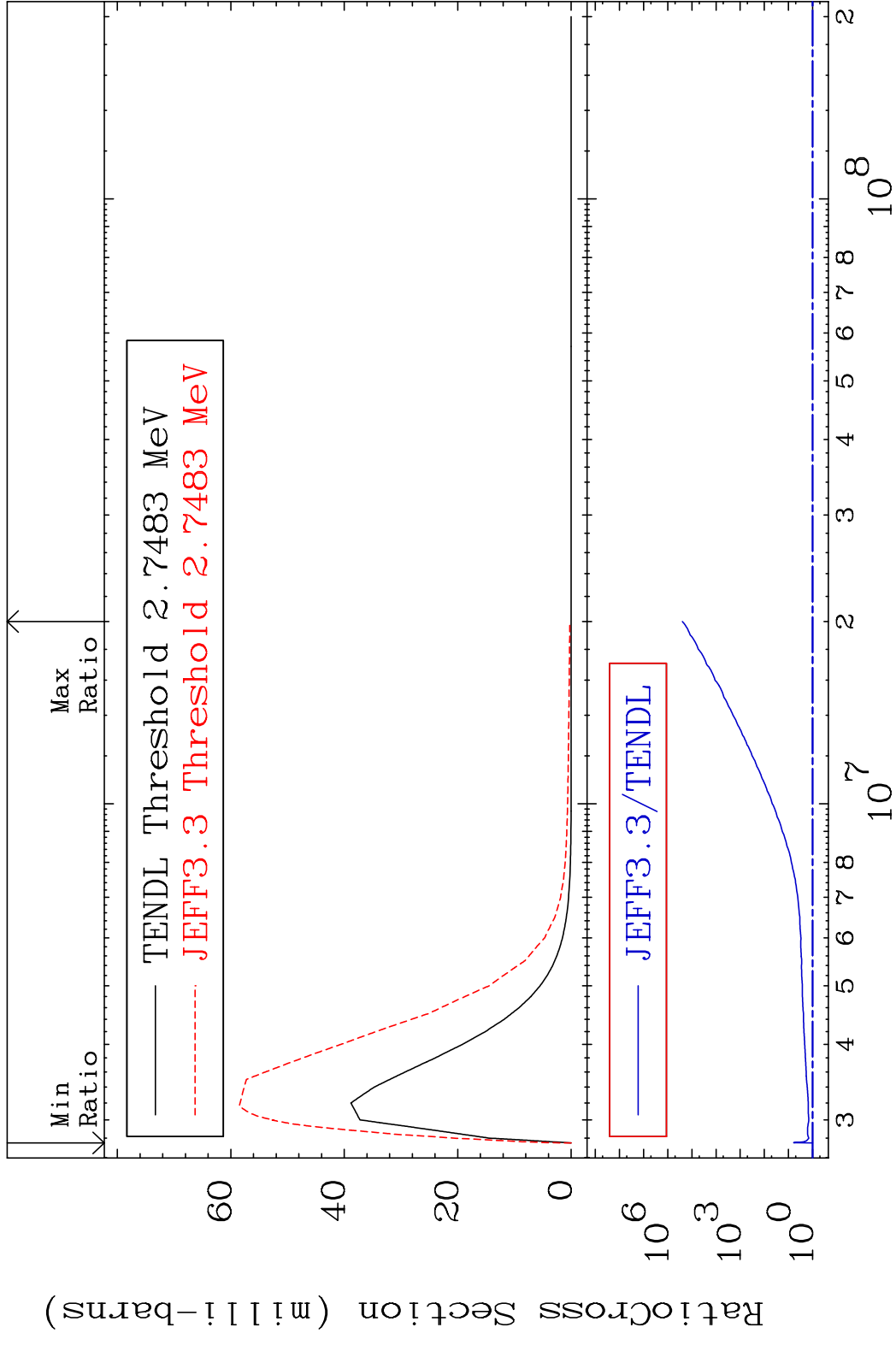
Cross Section -100.0 To 66.28 %



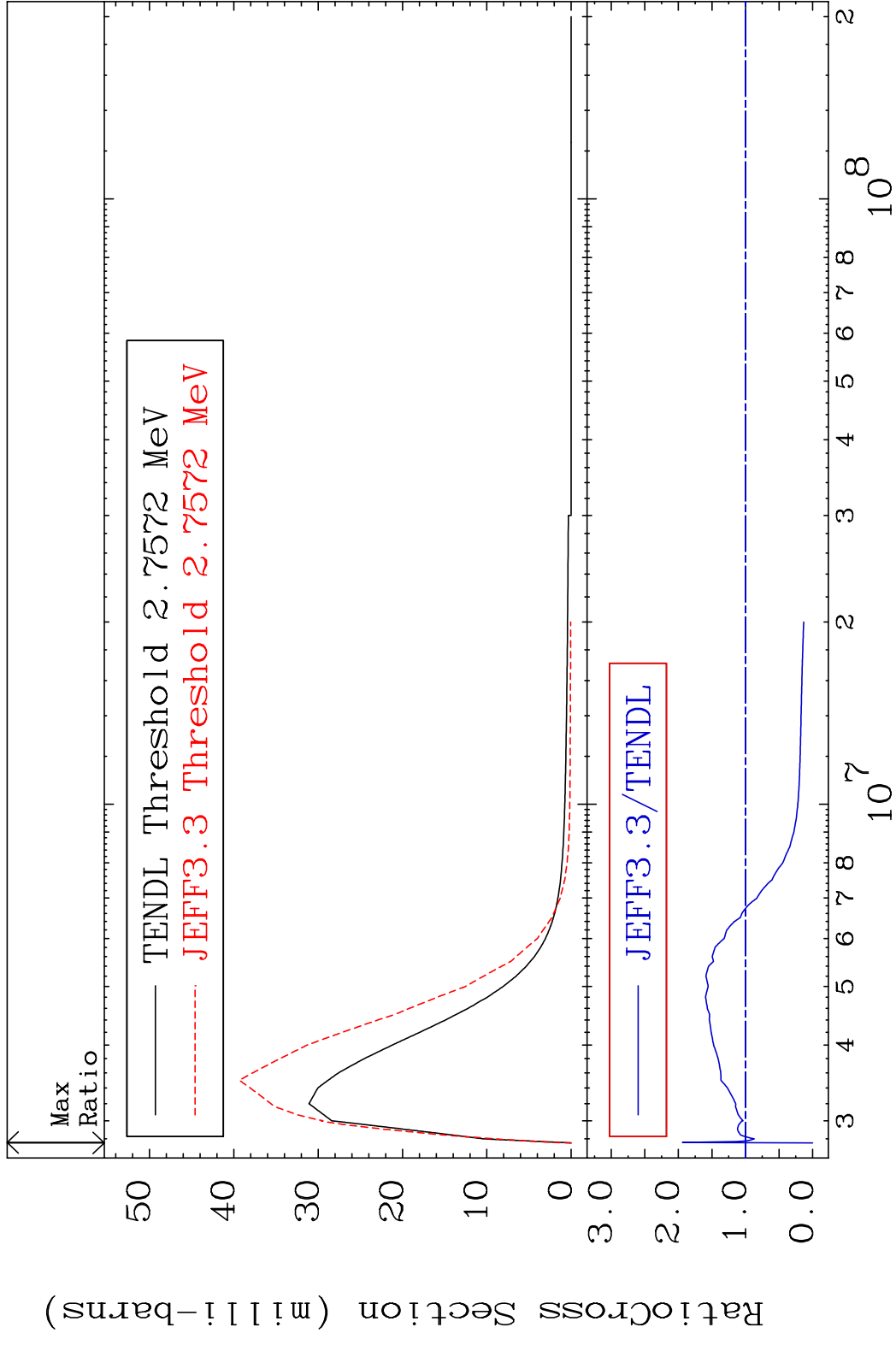
MAT 5043 MT= 67 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 76.52 %



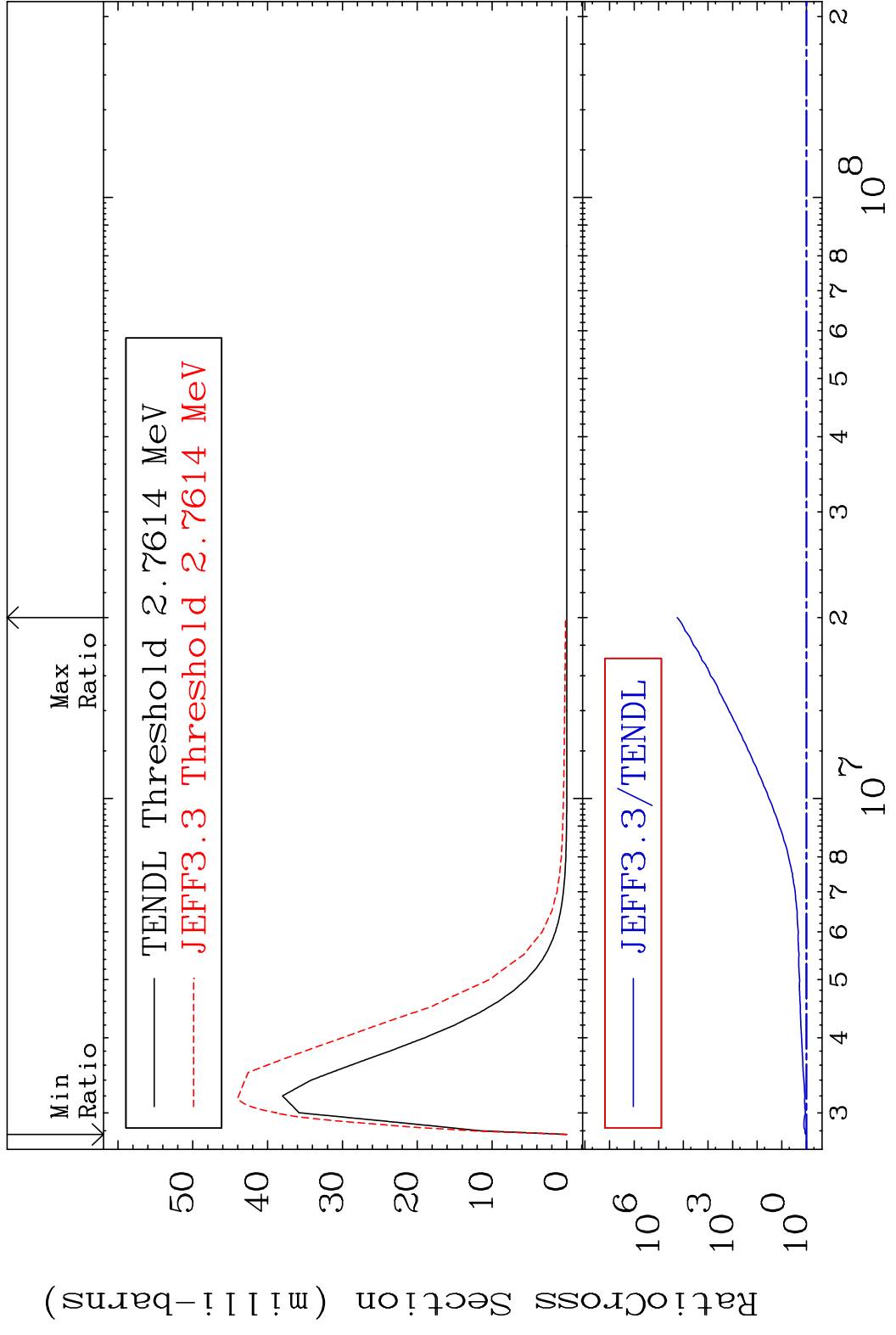
MAT 5043 MT= 68 (n, n') Level 50-Sn-118
 Cross Section 0.000 To 9999. %



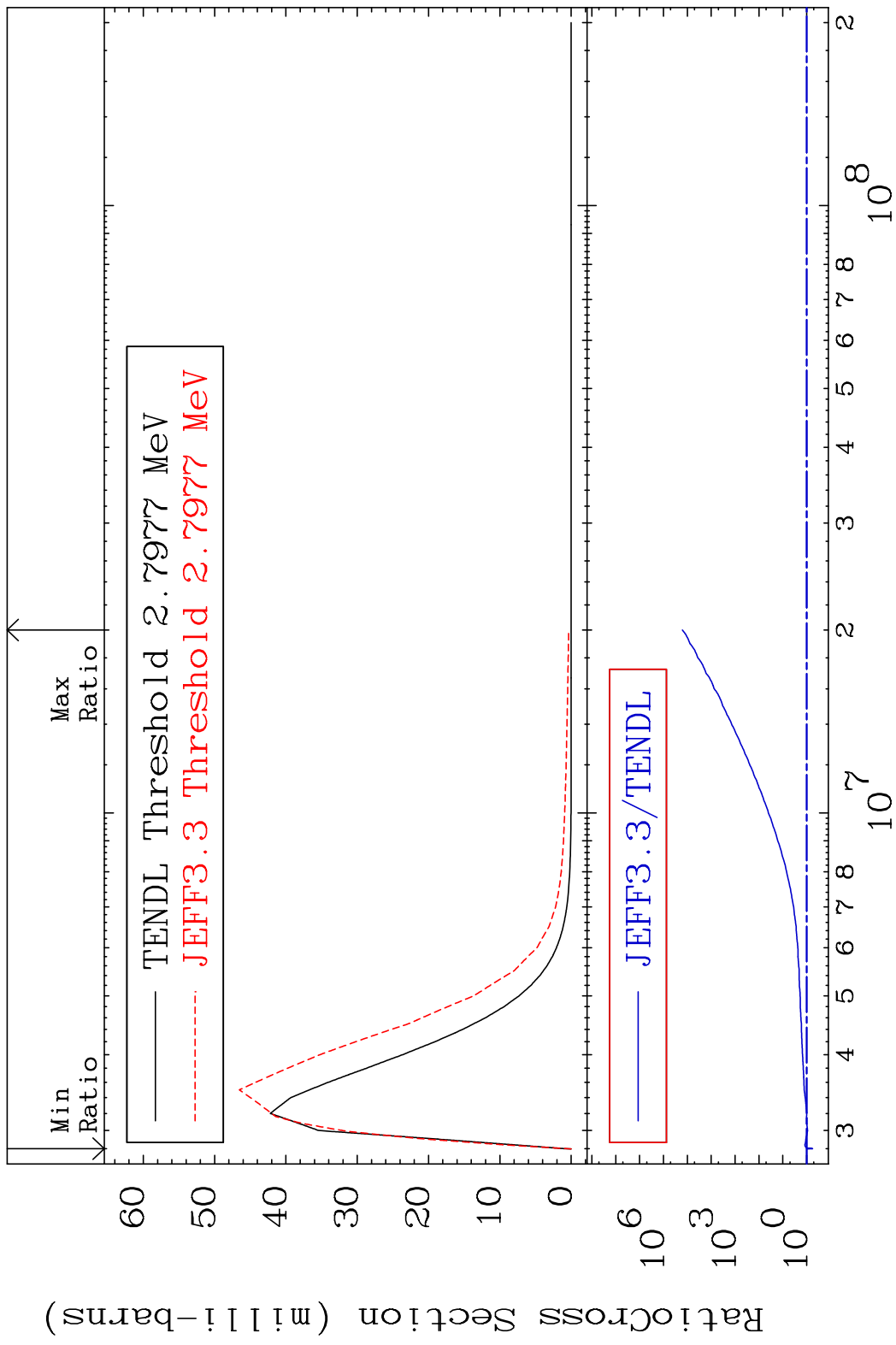
MAT 5043 MT= 69 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 94.08 %



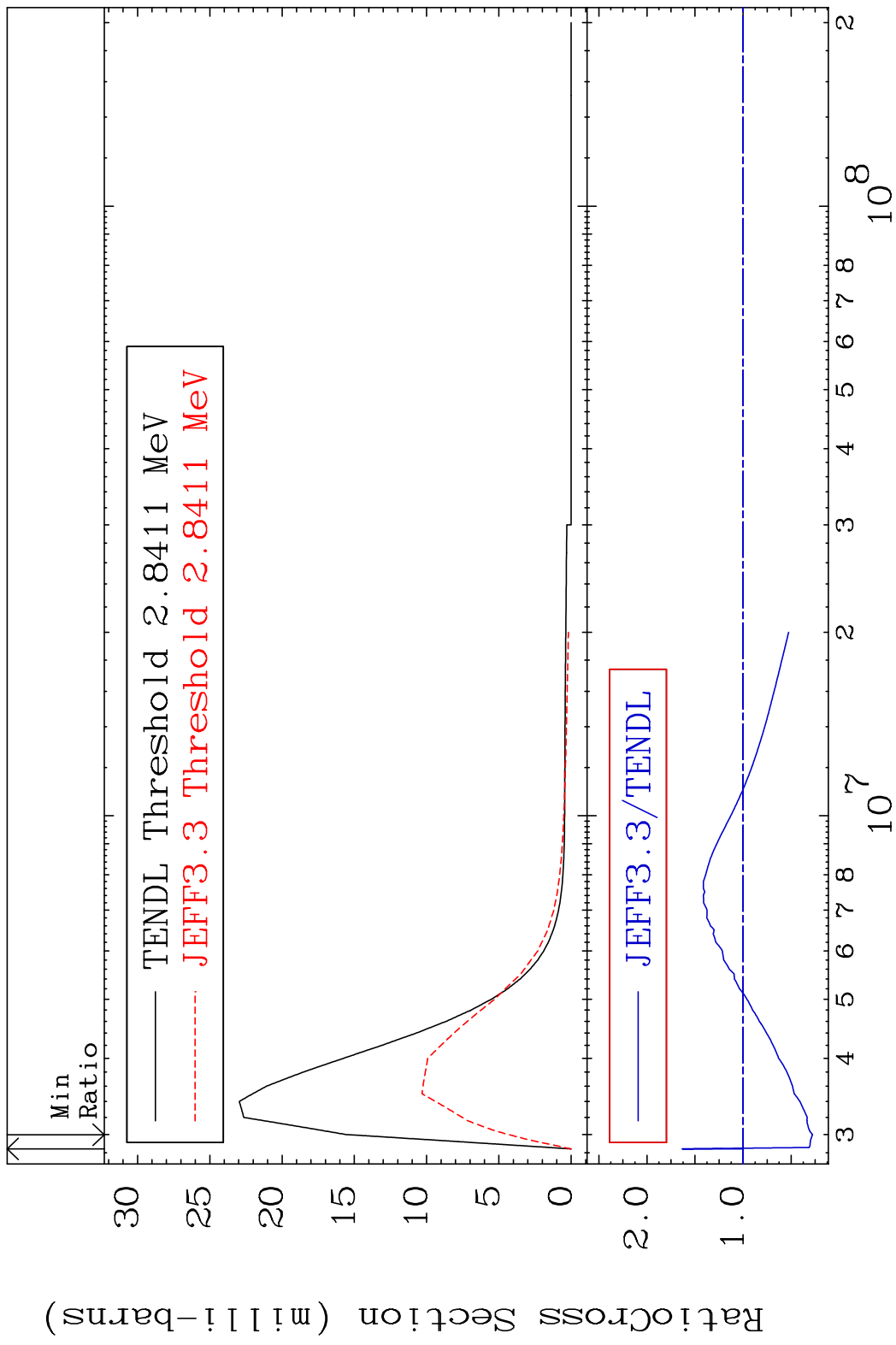
MAT 5043 MT= 70 (n, n') Level 50-Sn-118
 Cross Section 0.000 To 9999. %



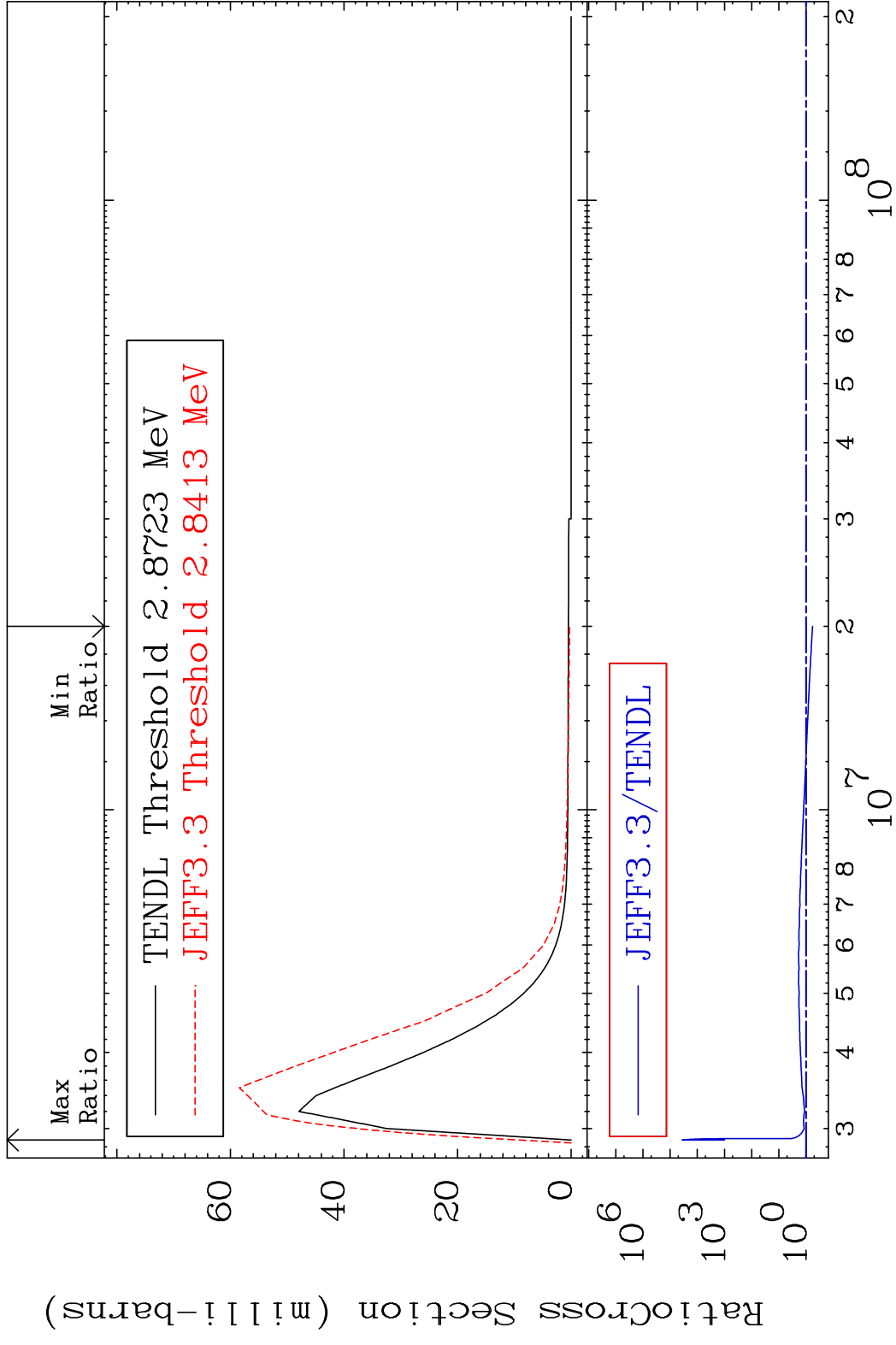
MAT 5043 MT= 71 (n,n') Level 50-Sn-118
 Cross Section -43.45 To 9999. %



MAT 5043 MT= 72 (n, n') Level 50-Sn-118
 Cross Section -72.24 To 63.18 %

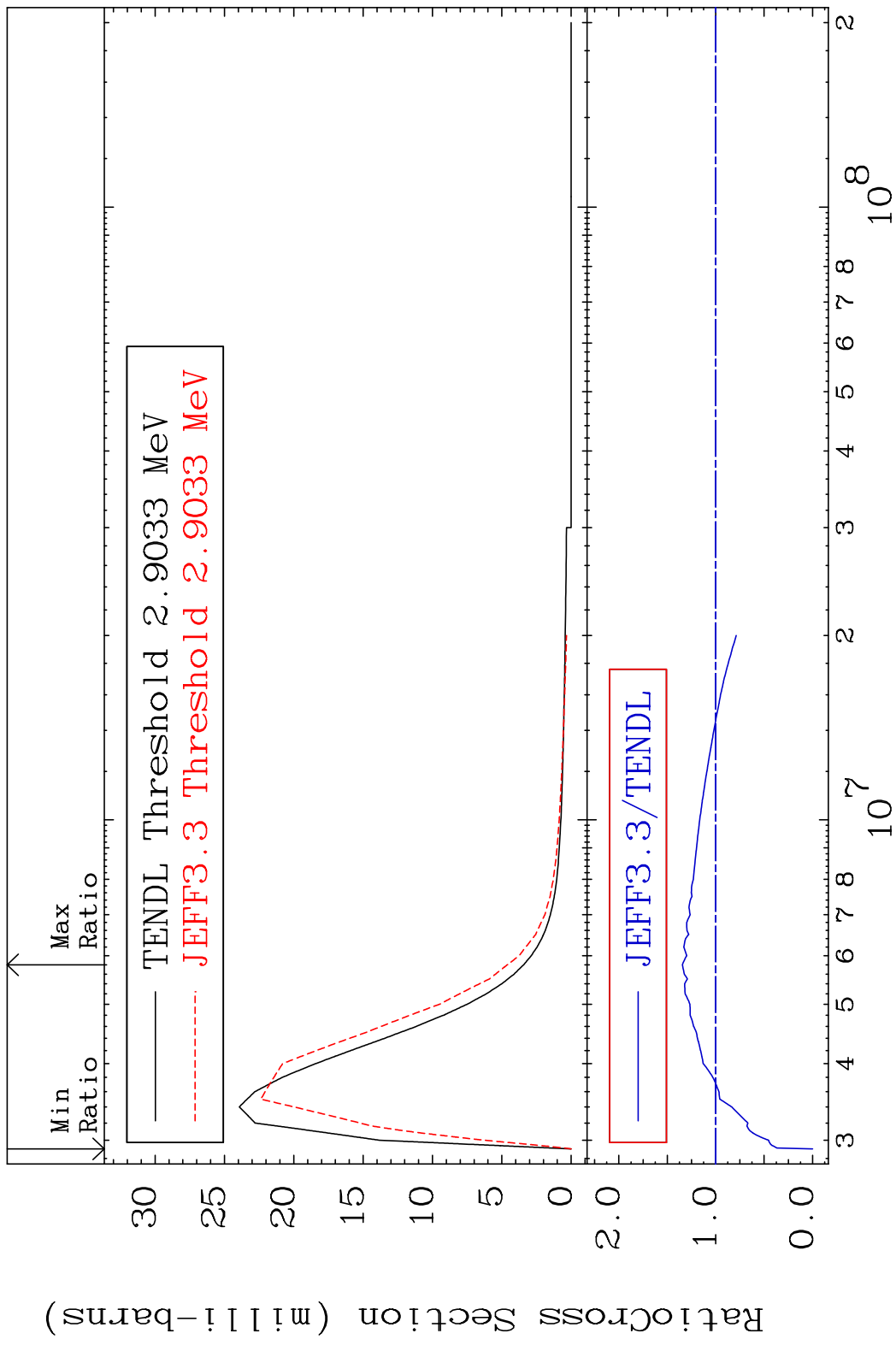


MAT 5043 MT= 73 (n, n') Level 50-Sn-118
 Cross Section -42.47 To 9999. %

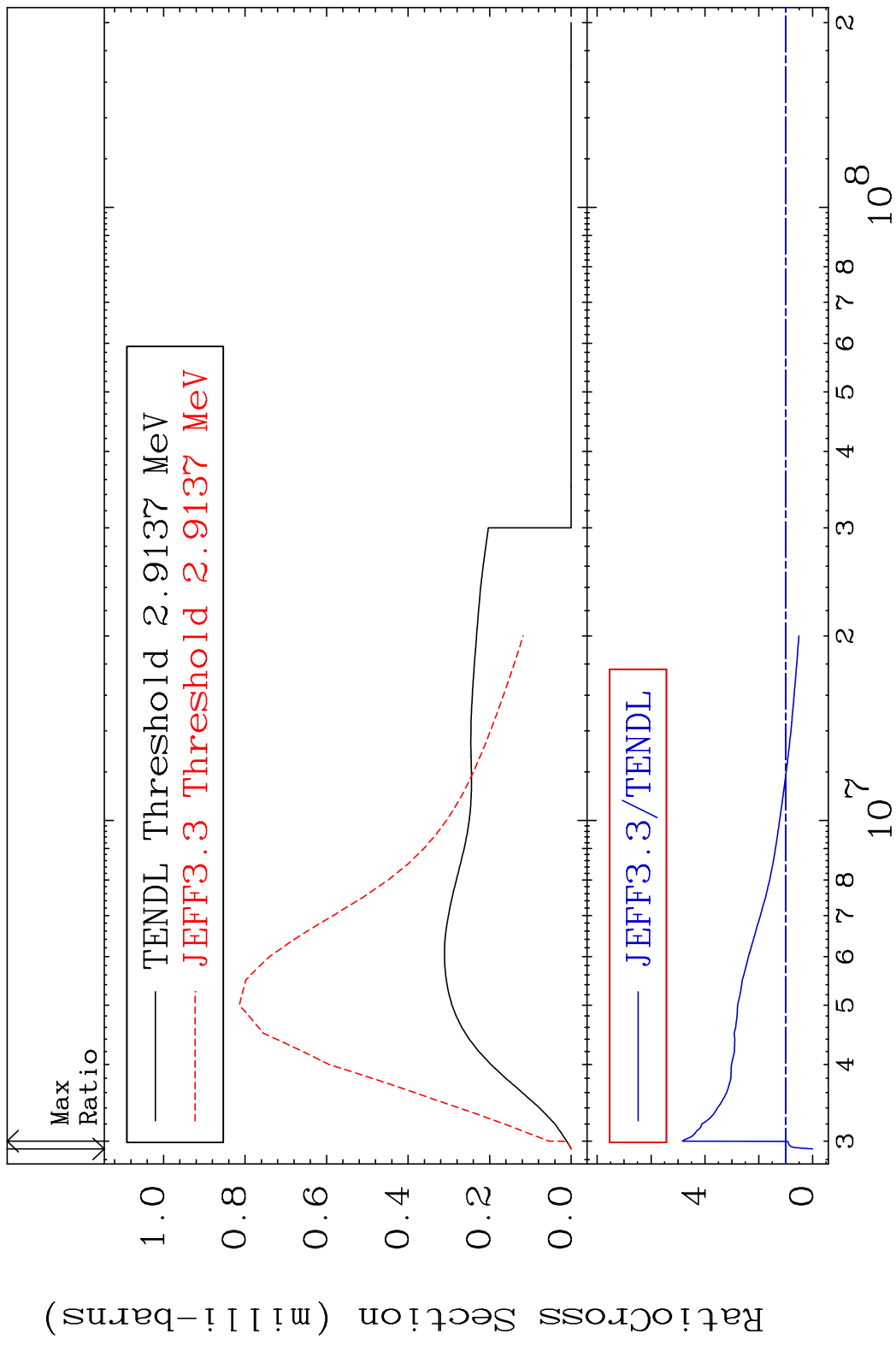


30 Incident Energy (eV) 50-Sn-118

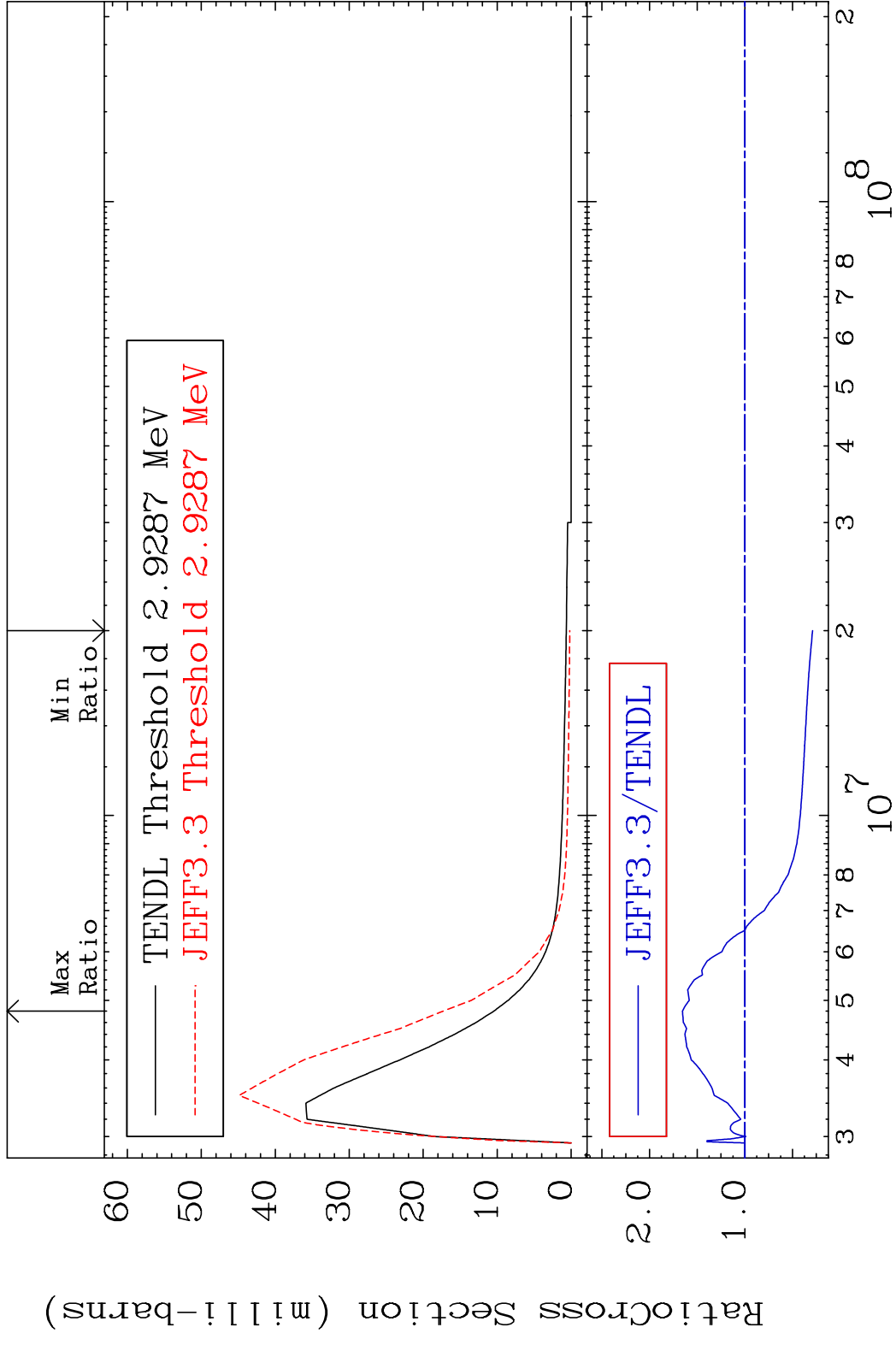
MAT 5043 MT= 74 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 34.44 %



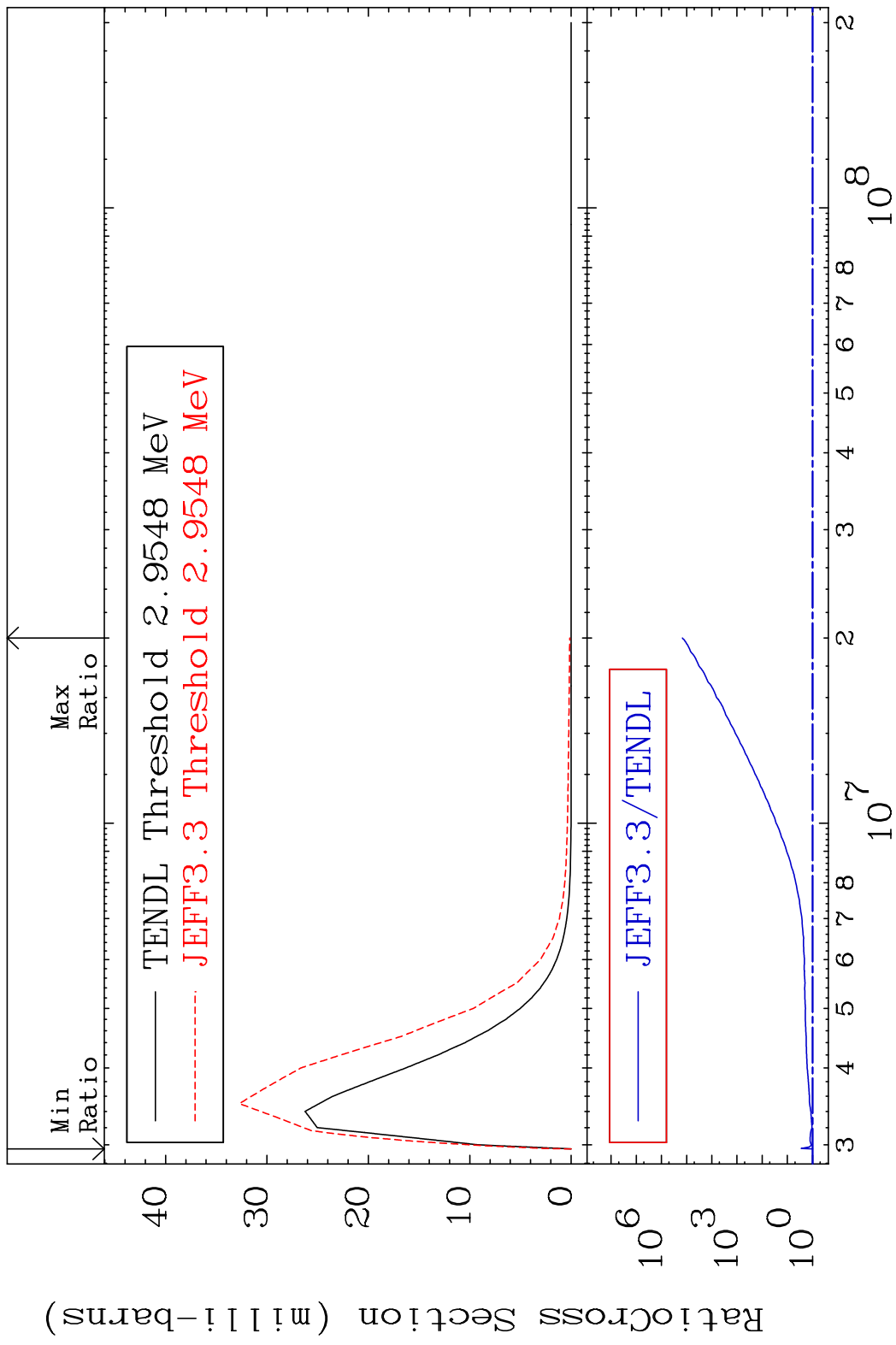
MAT 5043 MT= 75 (n,n') Level 50-Sn-118
 Cross Section -100.0 To 383.7 %



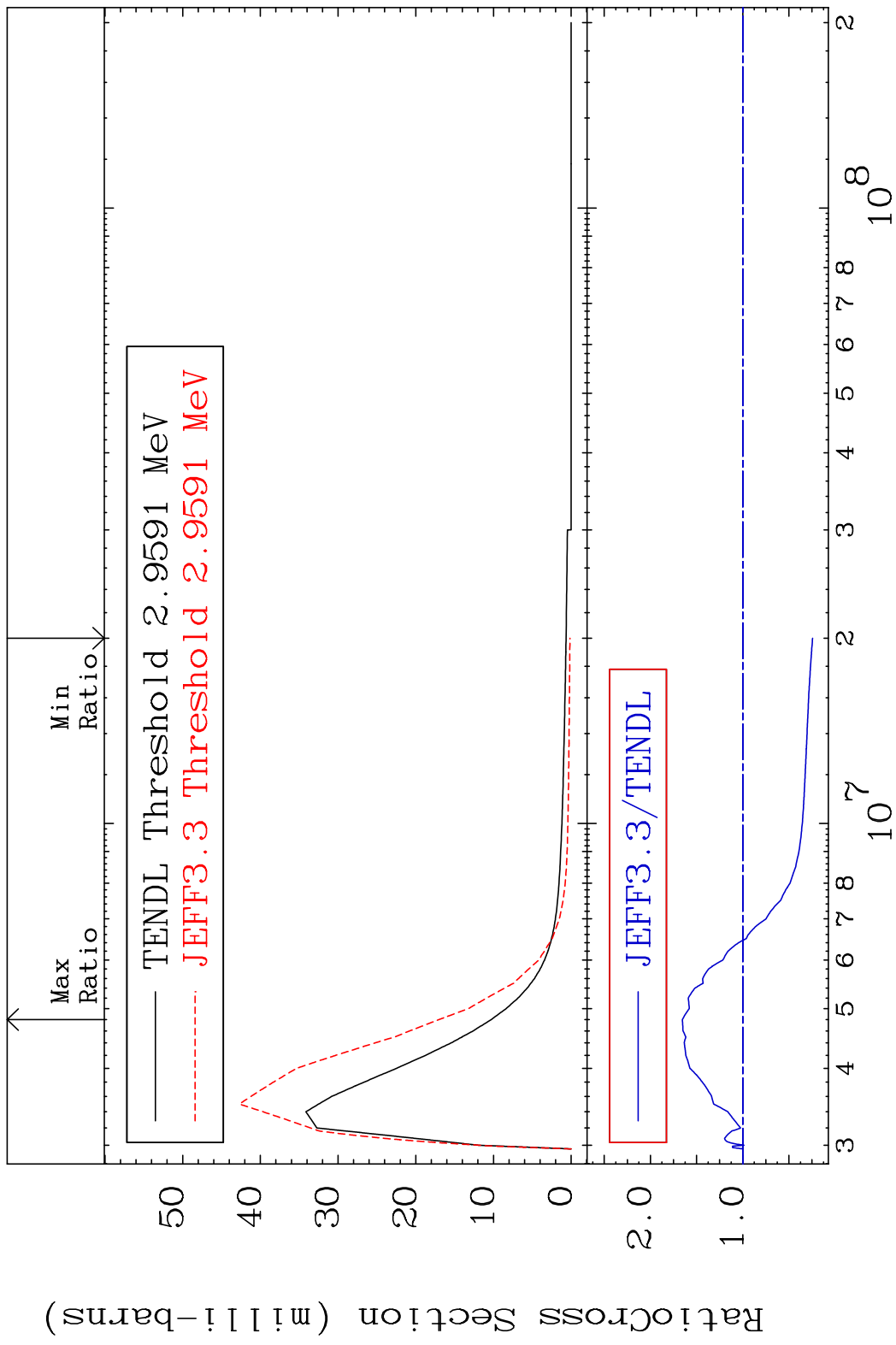
MAT 5043 MT= 76 (n,n') Level 50-Sn-118
 Cross Section -71.04 To 65.58 %



MAT 5043 MT= 77 (n,n') Level 50-Sn-118
 Cross Section 0.000 To 9999. %

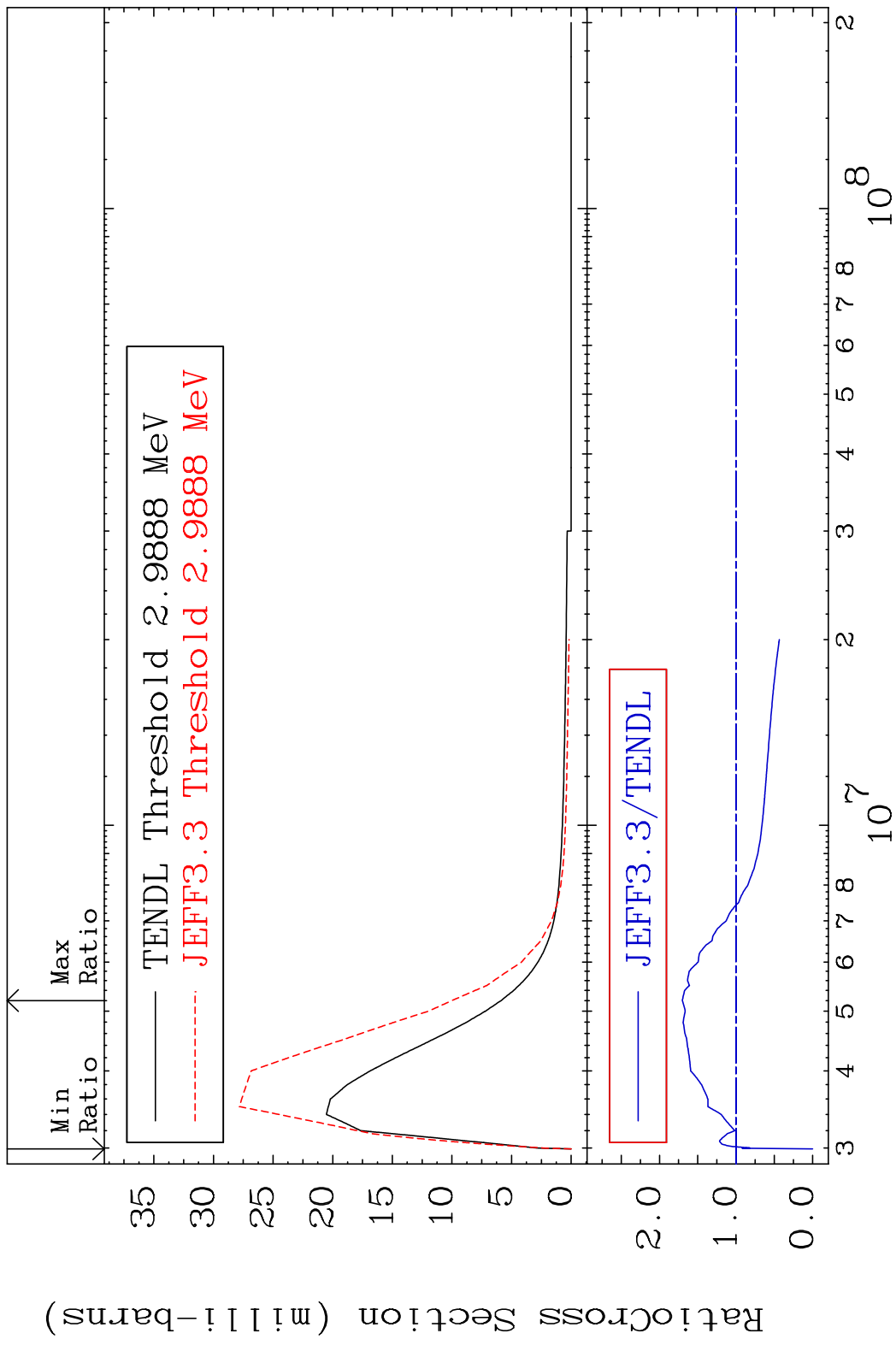


MAT 5043 MT= 78 (n,n') Level 50-Sn-118
 Cross Section -75.63 To 65.40 %

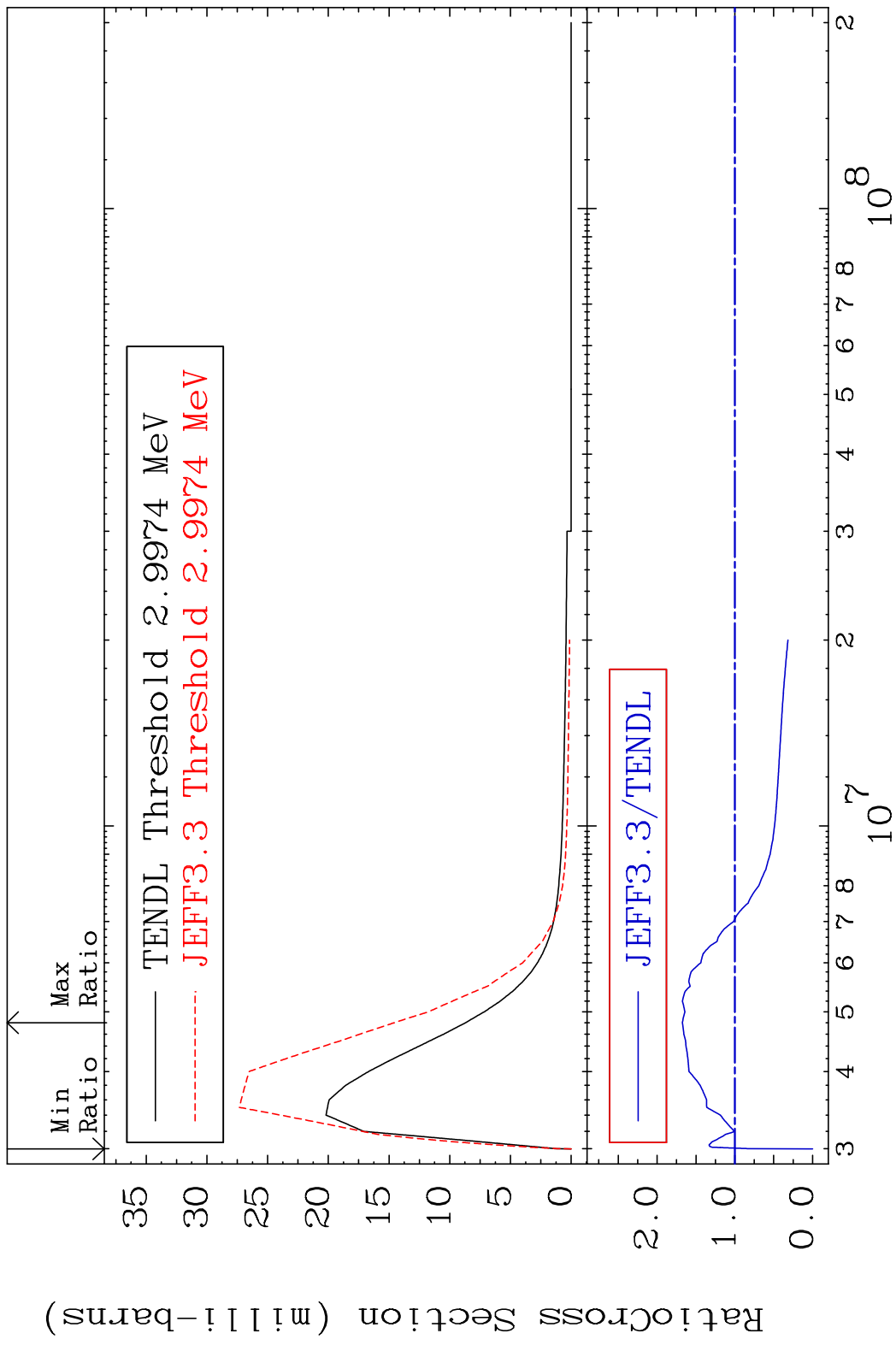


35 Incident Energy (eV) 50-Sn-118

MAT 5043 MT= 79 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 70.11 %



MAT 5043 MT= 80 (n, n') Level 50-Sn-118
 Cross Section -100.0 To 67.50 %

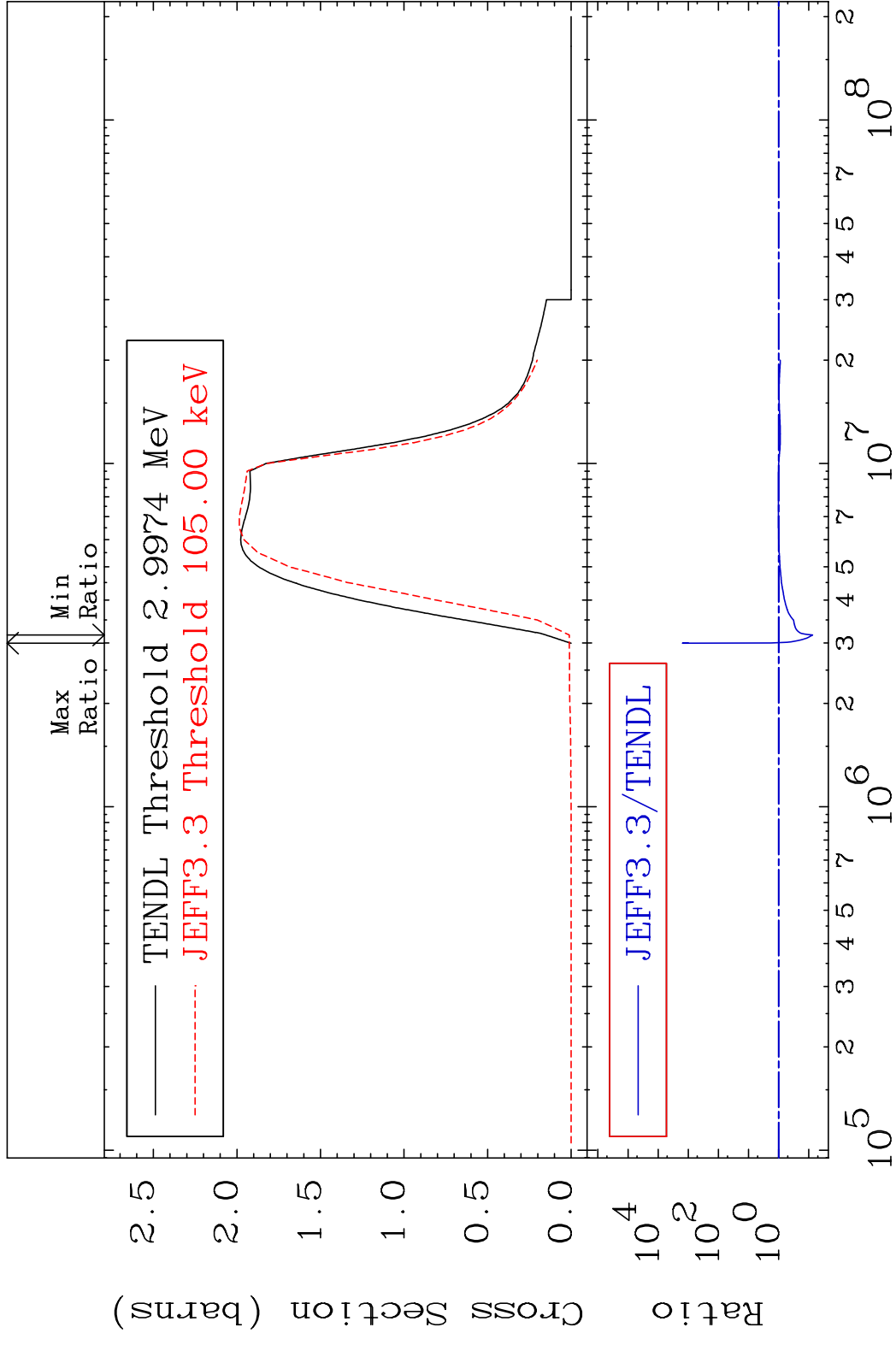


MAT 5043

(n, n') Continuum

50-Sn-118

Cross Section -92.52 To 9999. %



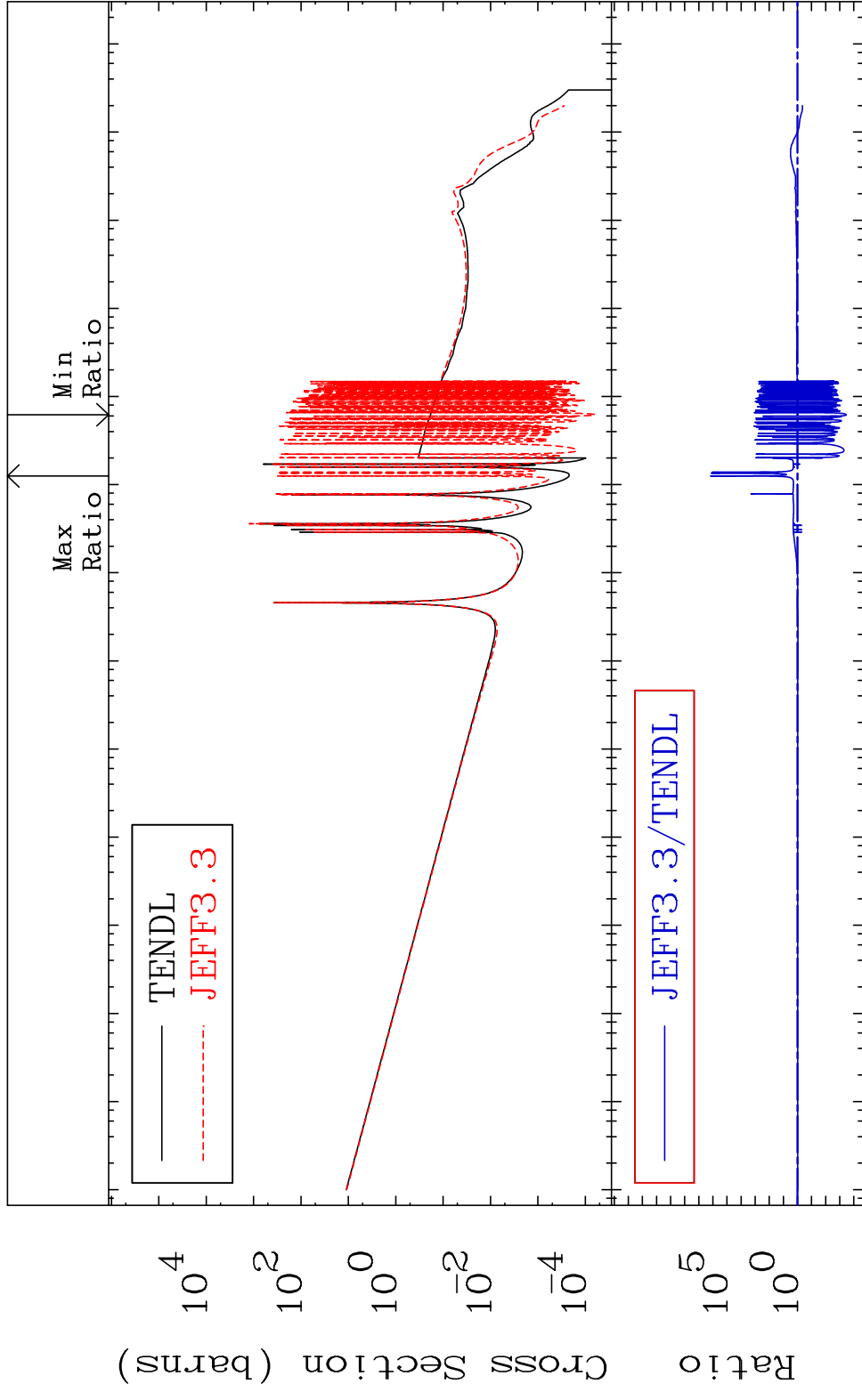
38

Incident Energy (eV)

50-Sn-118

MAT 5043

(n, γ)
Cross Section -99.97 To 9999. %
50-Sn-118



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

39

Incident Energy (eV)

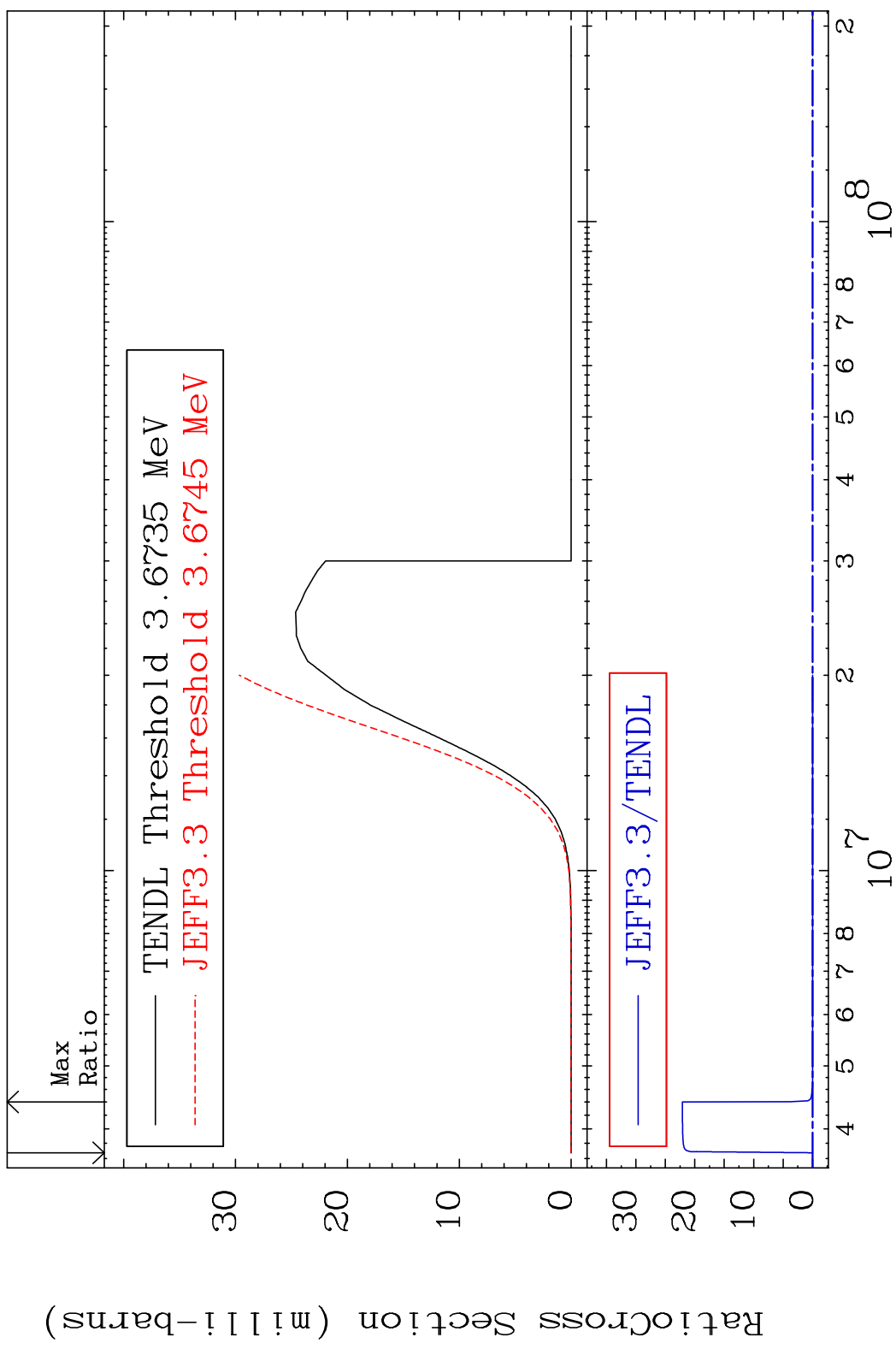
50-Sn-118

MAT 5043

(n,p)

50-Sn-118

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

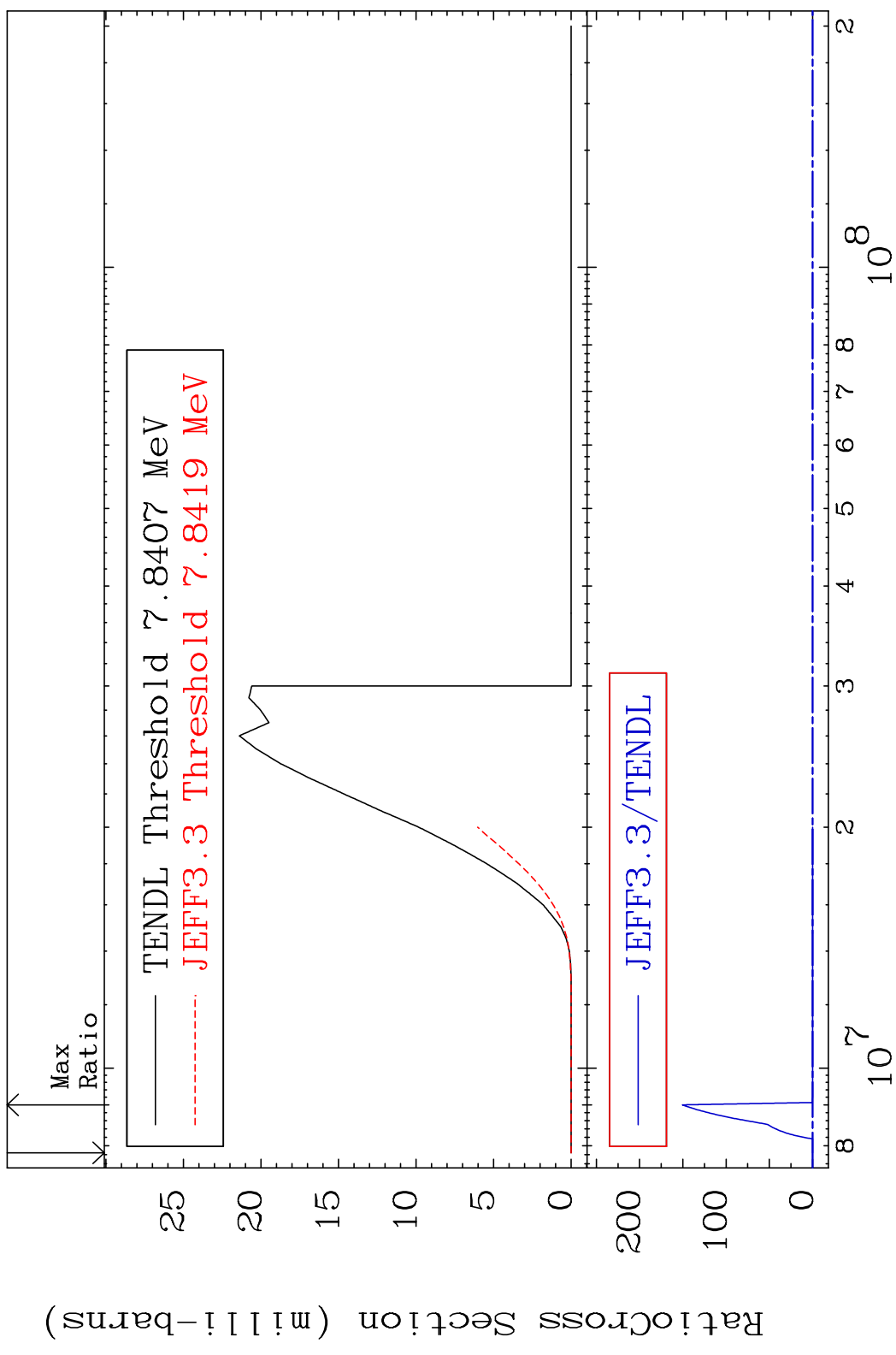
50-Sn-118

MAT 5043

(n,d)

50-Sn-118

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

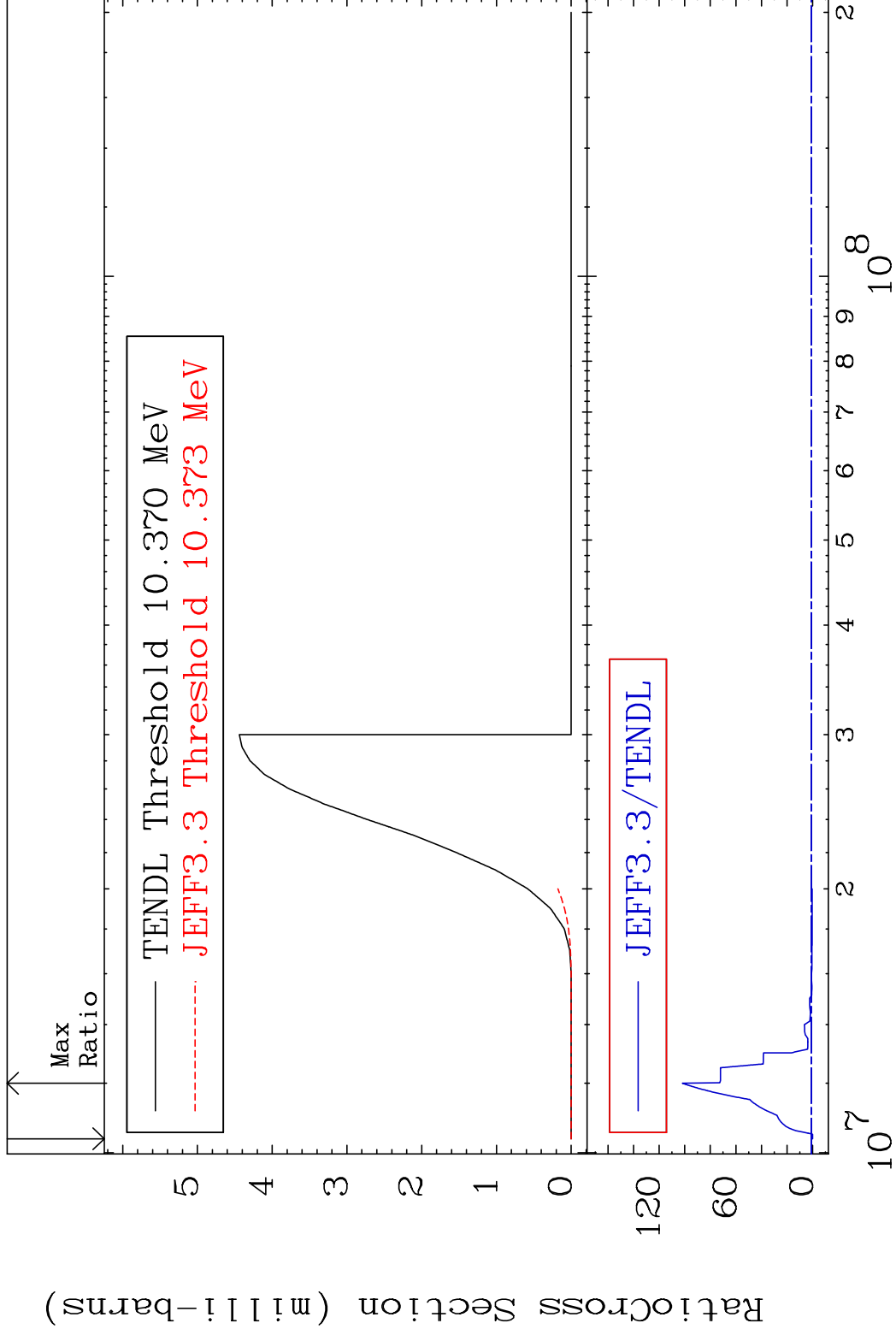
50-Sn-118

MAT 5043

(n, t)

50-Sn-118

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

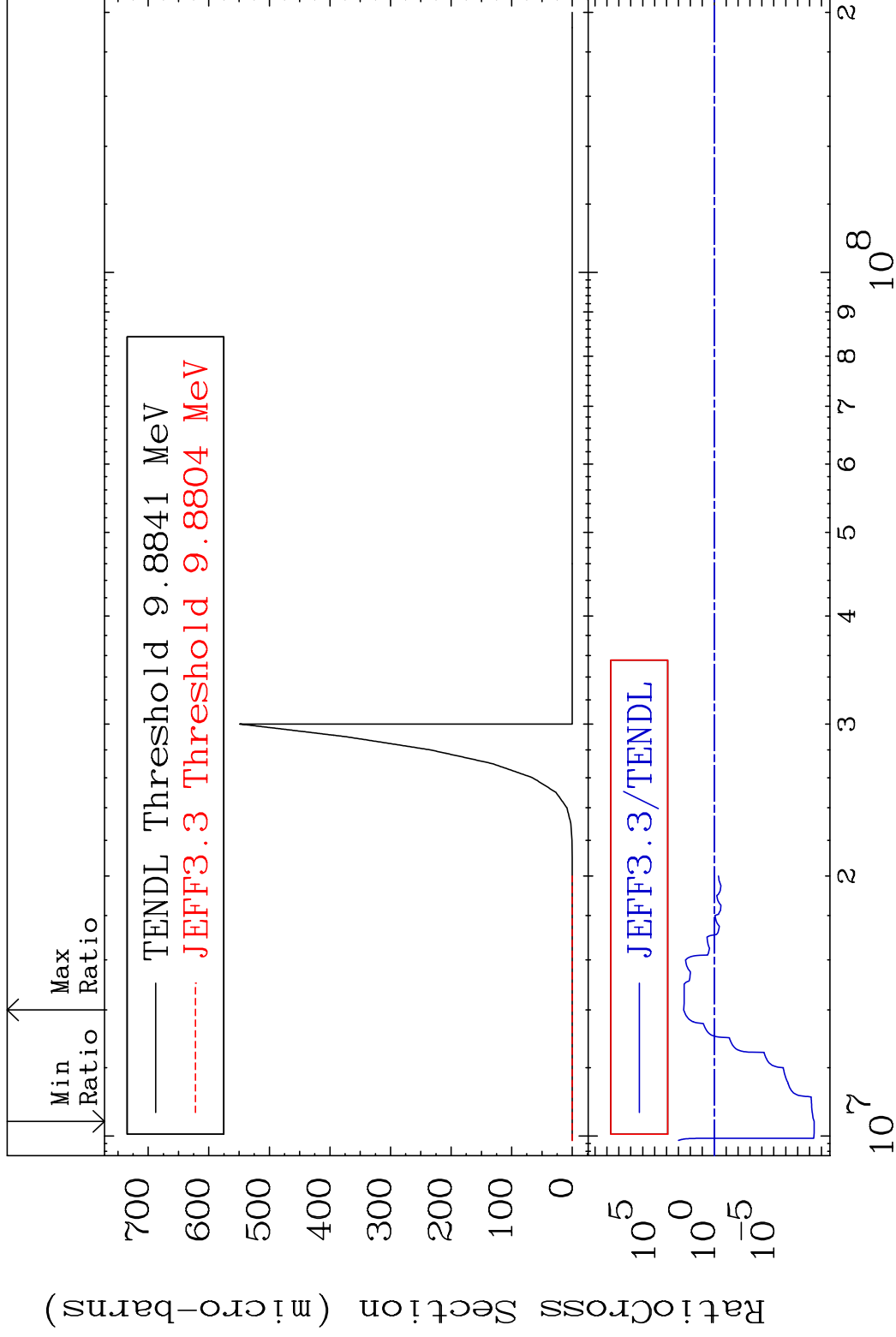
50-Sn-118

MAT 5043

(n, He-3)

50-Sn-118

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

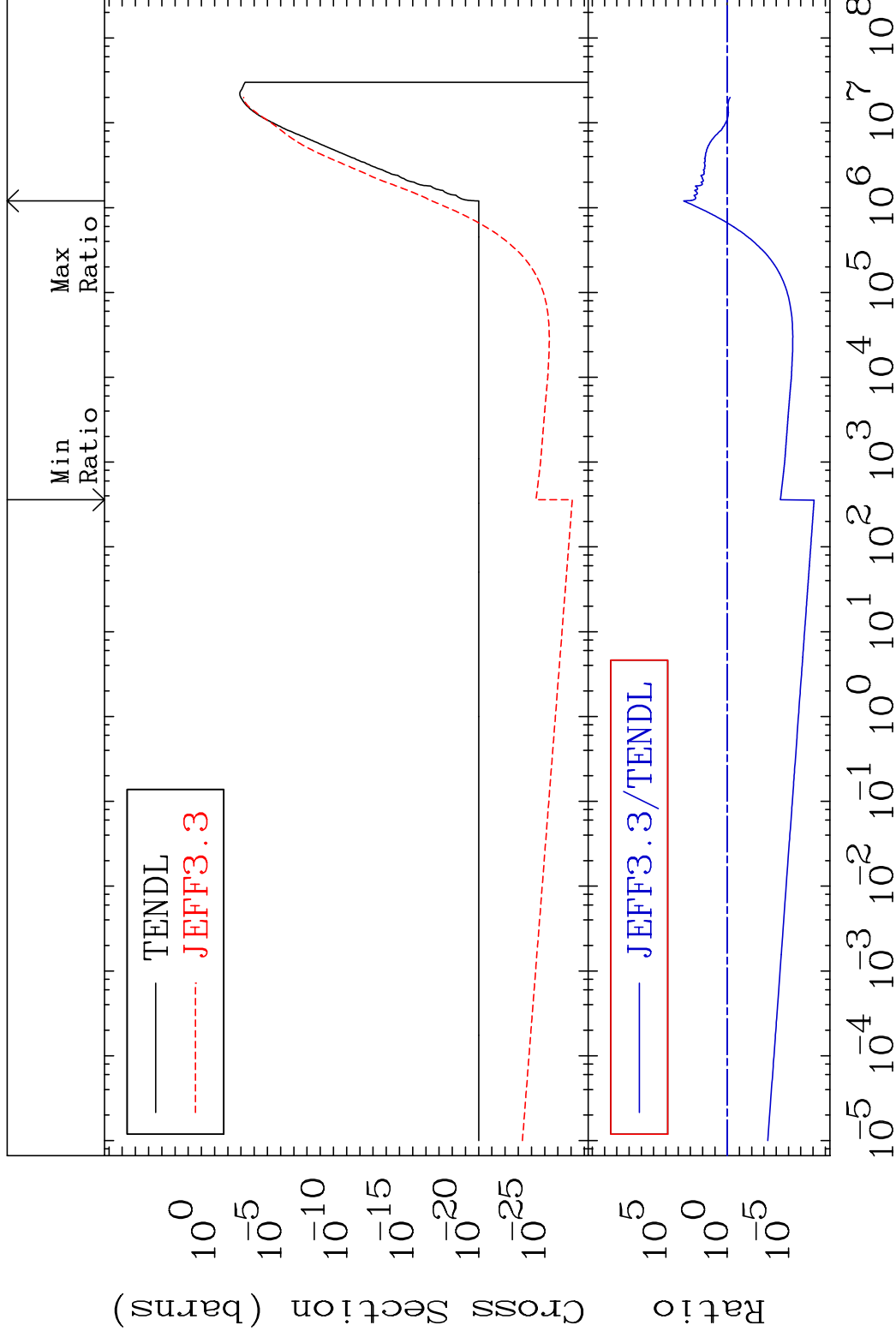
50-Sn-118

MAT 5043

50-Sn-118

(n, α)

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

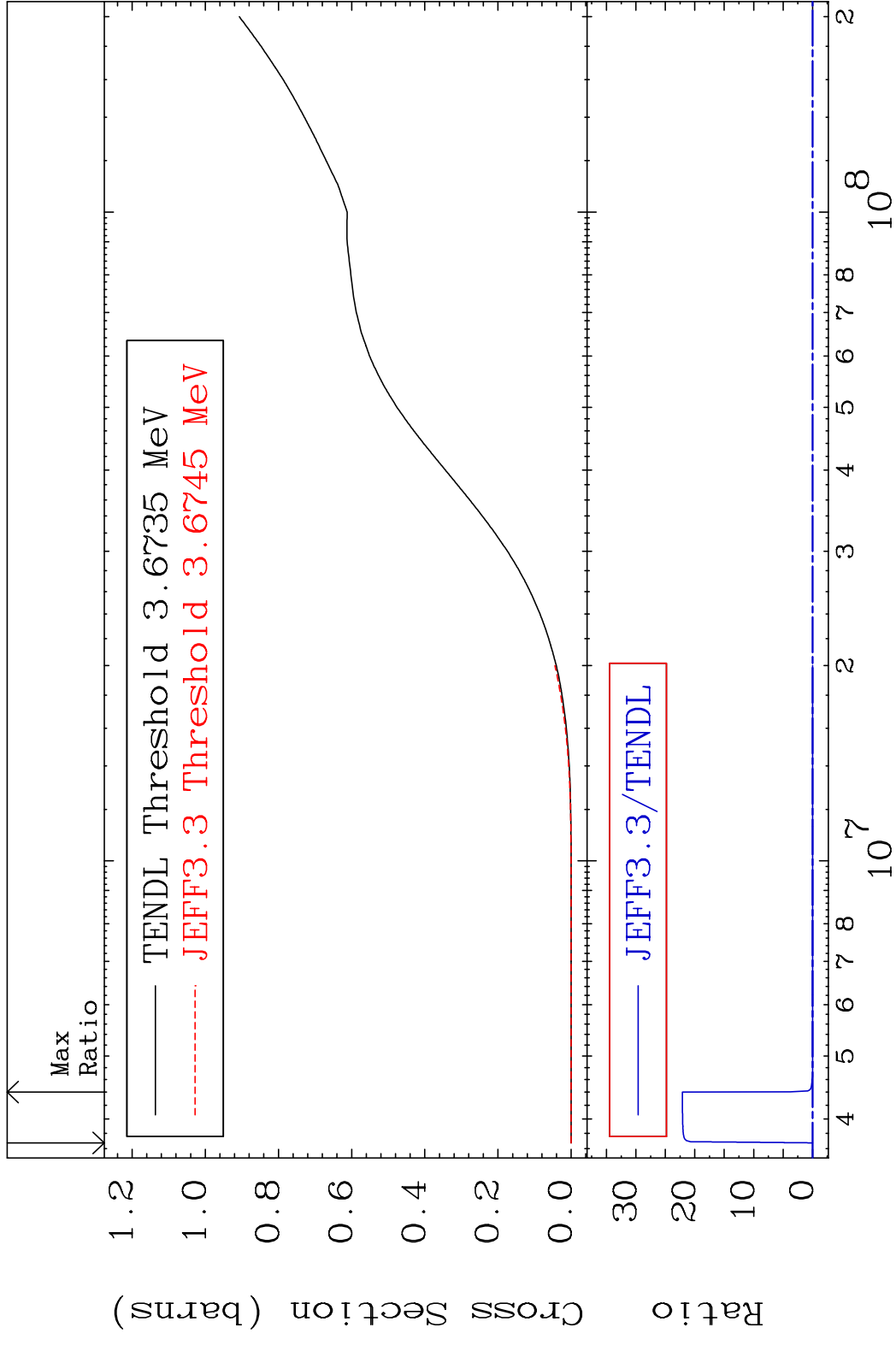
50-Sn-118

MAT 5043

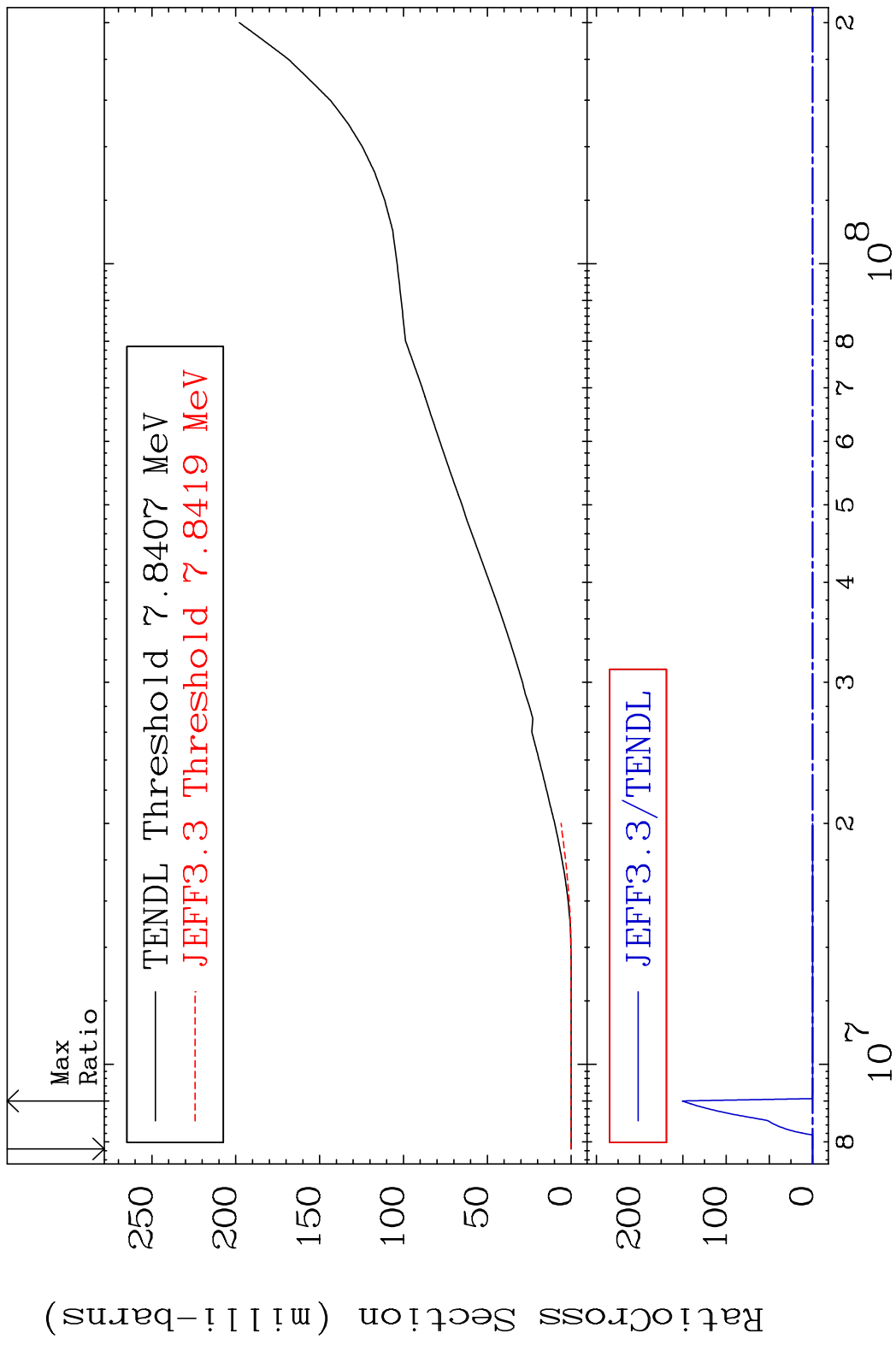
Hydrogen Production

50-Sn-118

Cross Section -100.0 To 9999. %

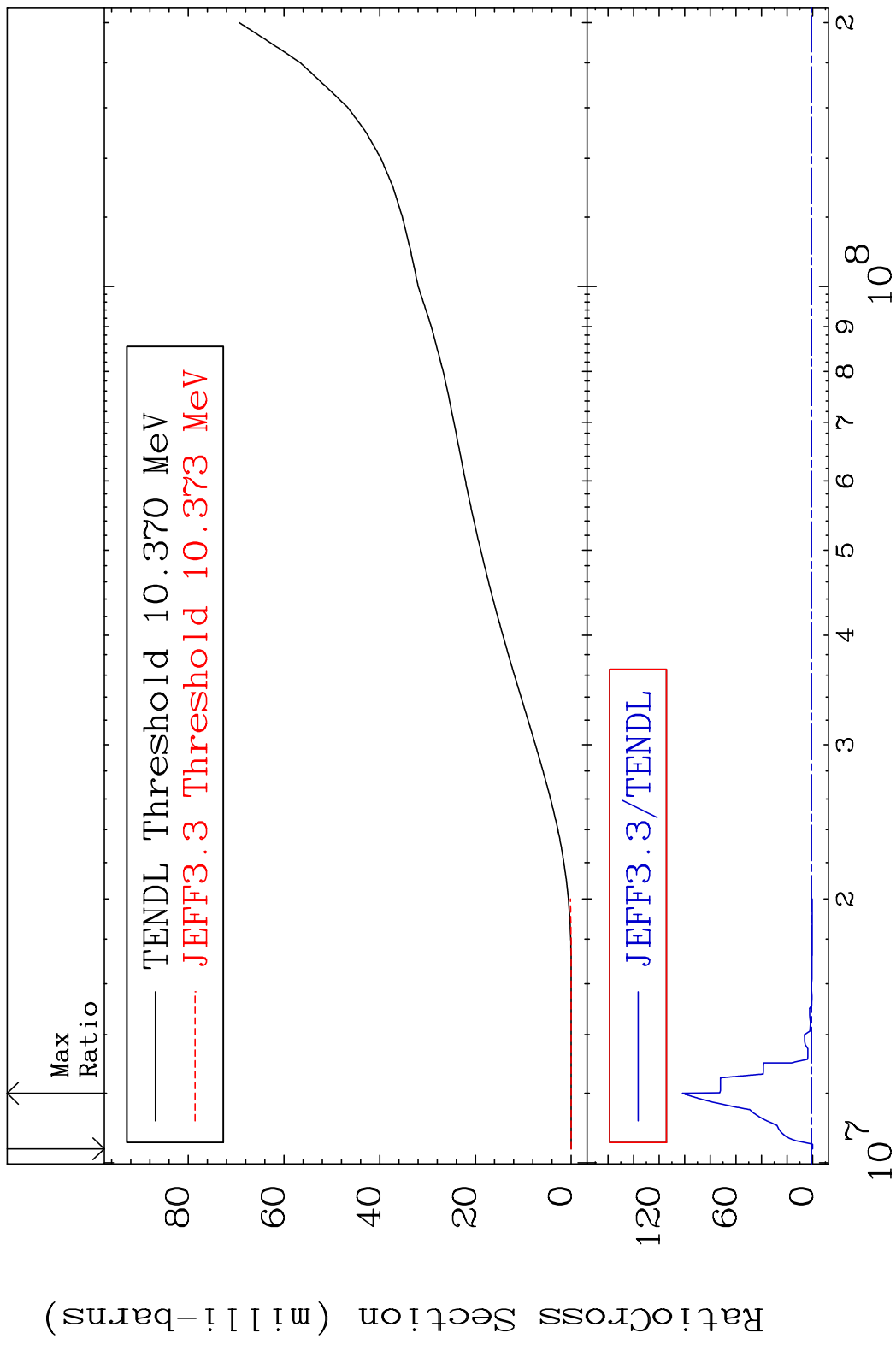


MAT 5043 Deuterium Production 50-Sn-118
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 50-Sn-118

MAT 5043 Tritium Production 50-Sn-118
 Cross Section -100.0 To 9999. %



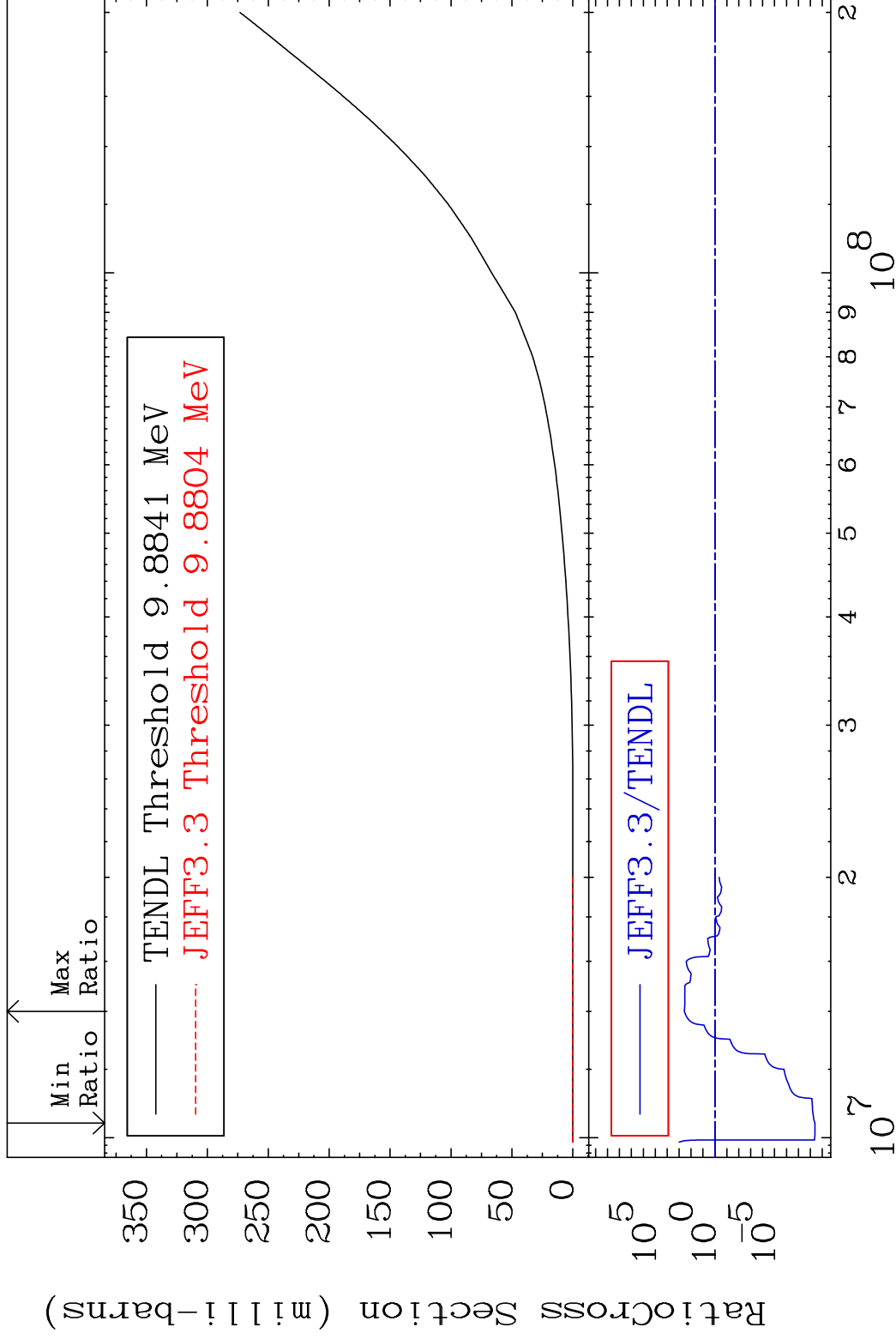
47 Incident Energy (eV) 50-Sn-118

MAT 5043

He-3 Production

50-Sn-118

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

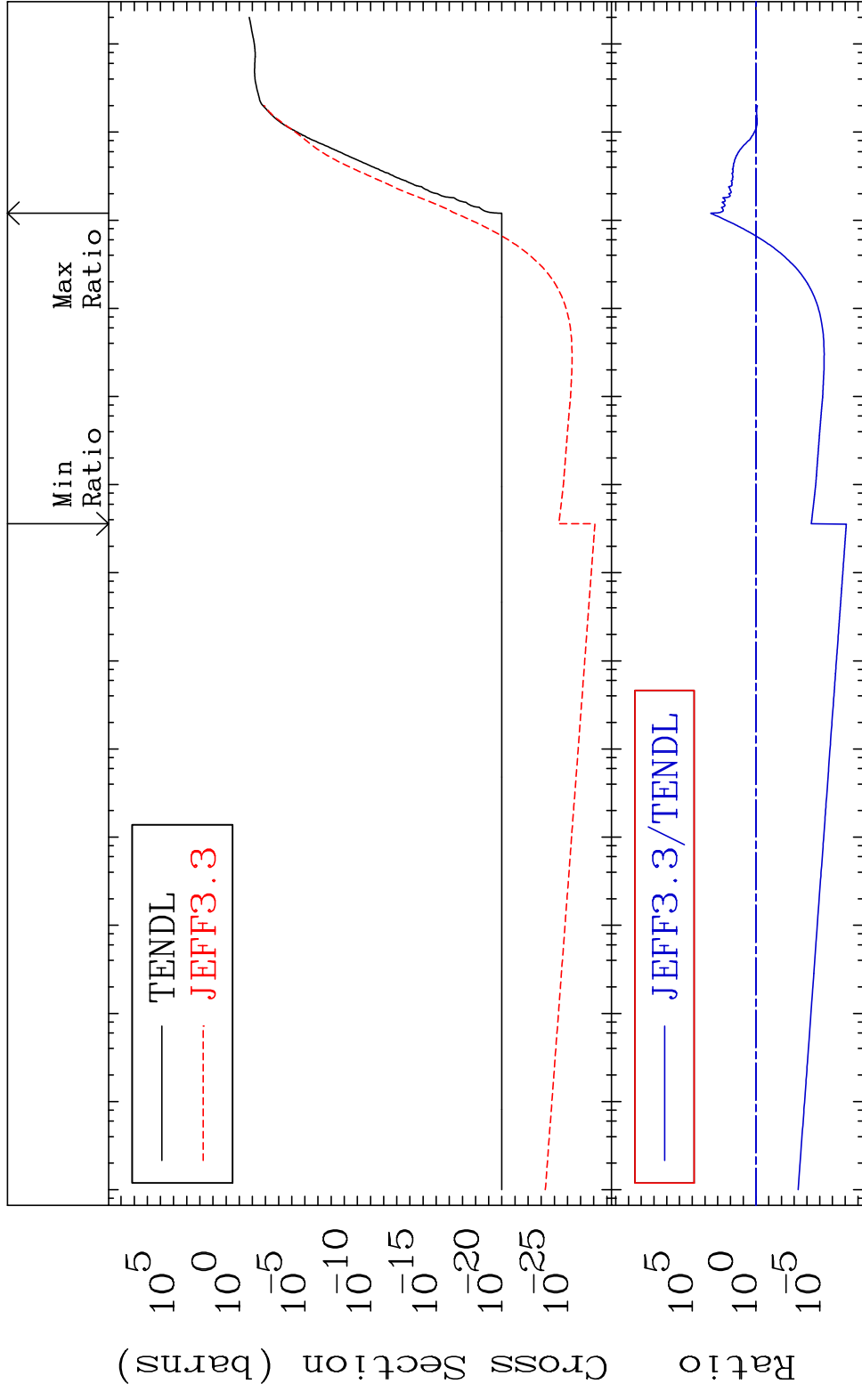
50-Sn-118

MAT 5043

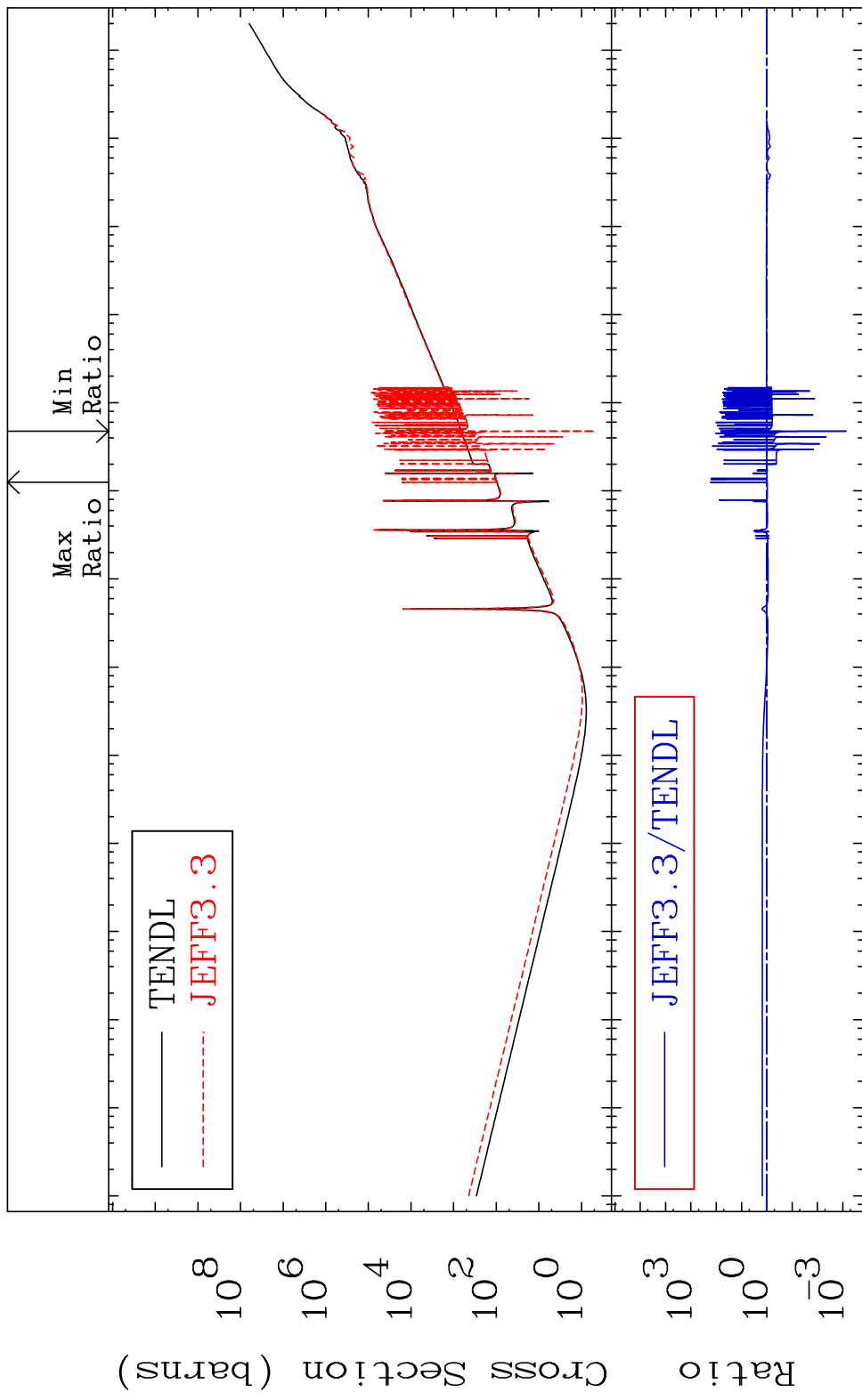
He-4 Production

50-Sn-118

Cross Section -100.0 To 9999. %



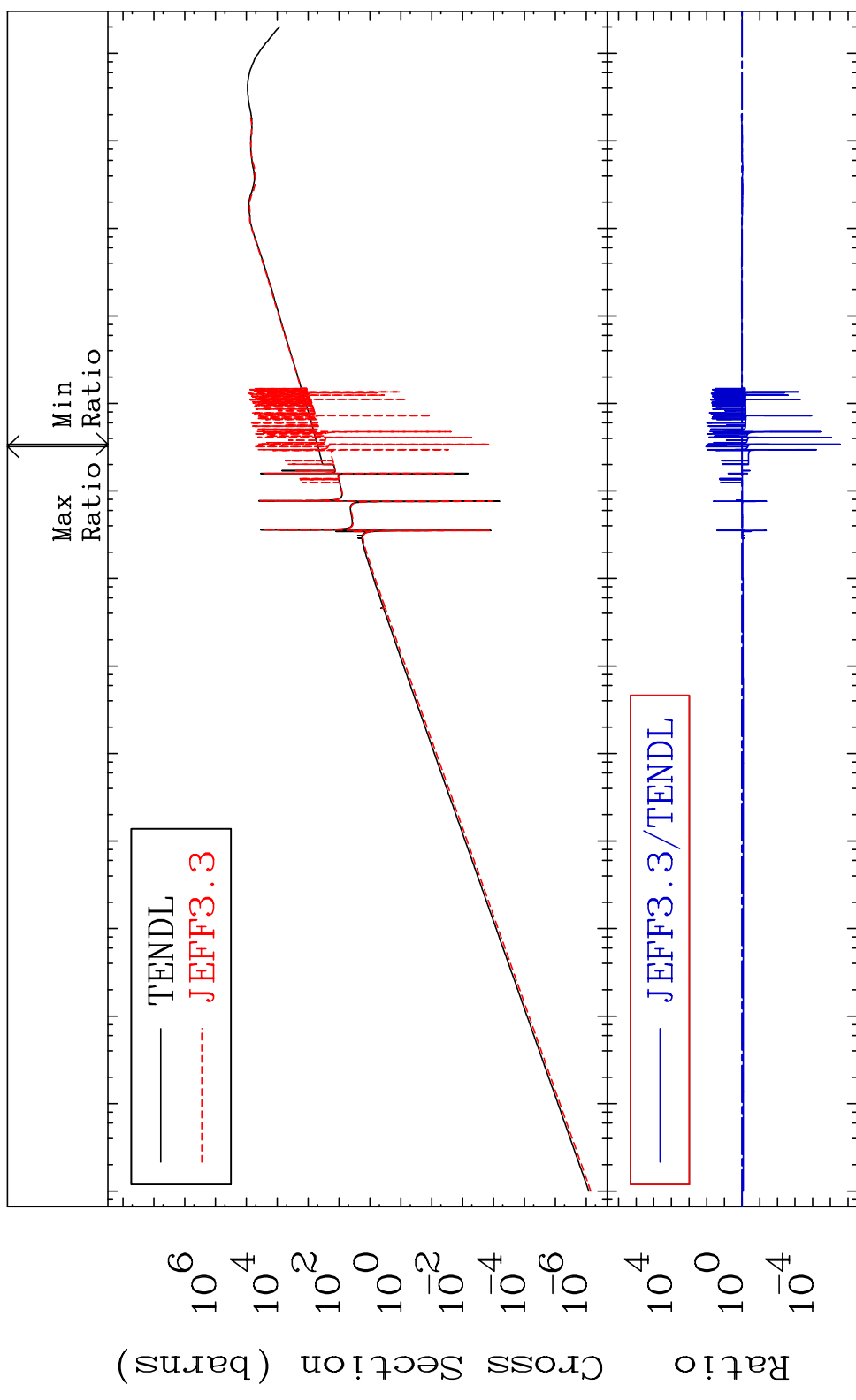
MAT 5043 Kerma total (eV-barns) 50-Sn-118
 Cross Section -99.93 To 9999. %



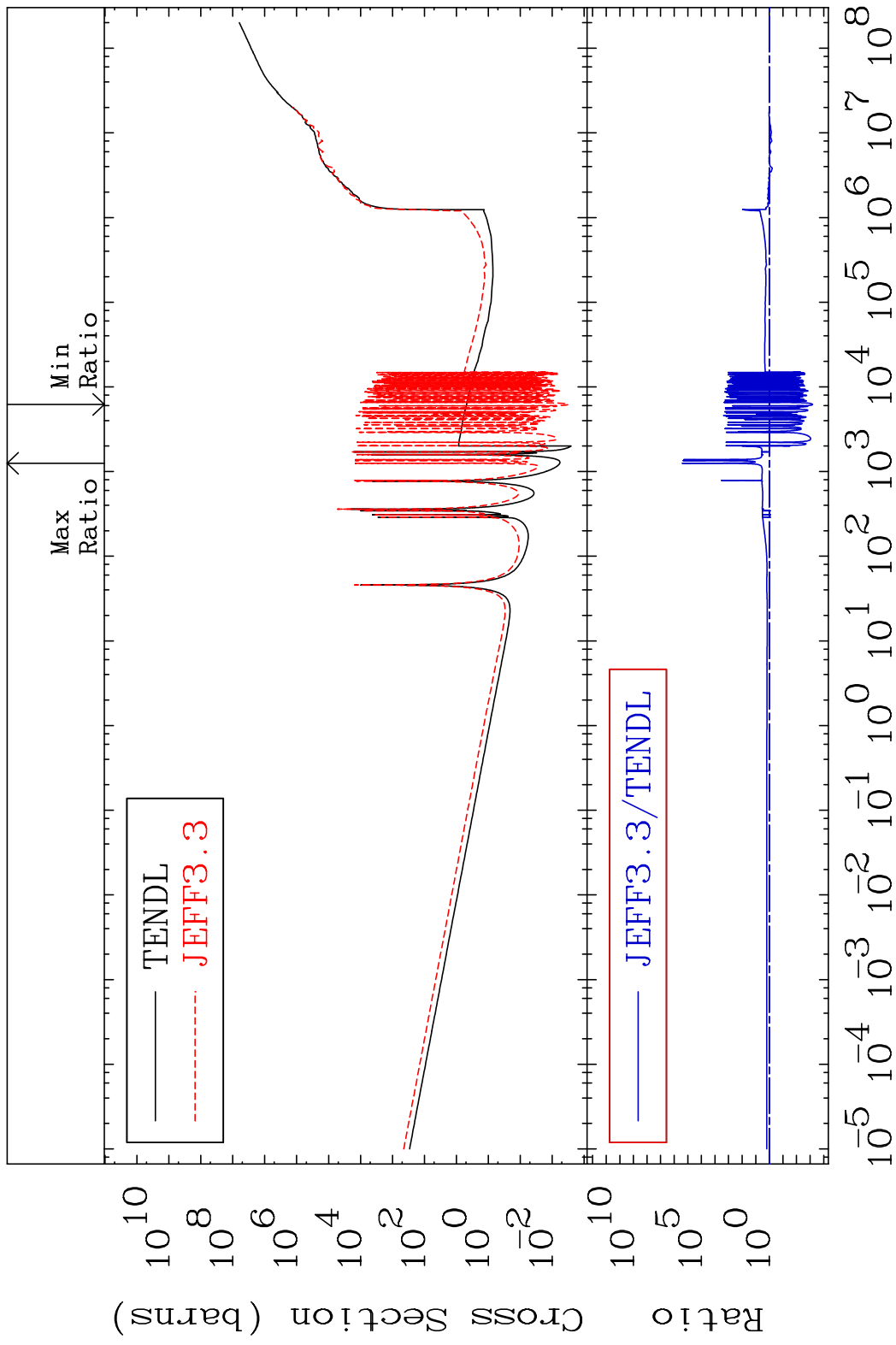
50 Incident Energy (eV) 50-Sn-118

MAT 5043

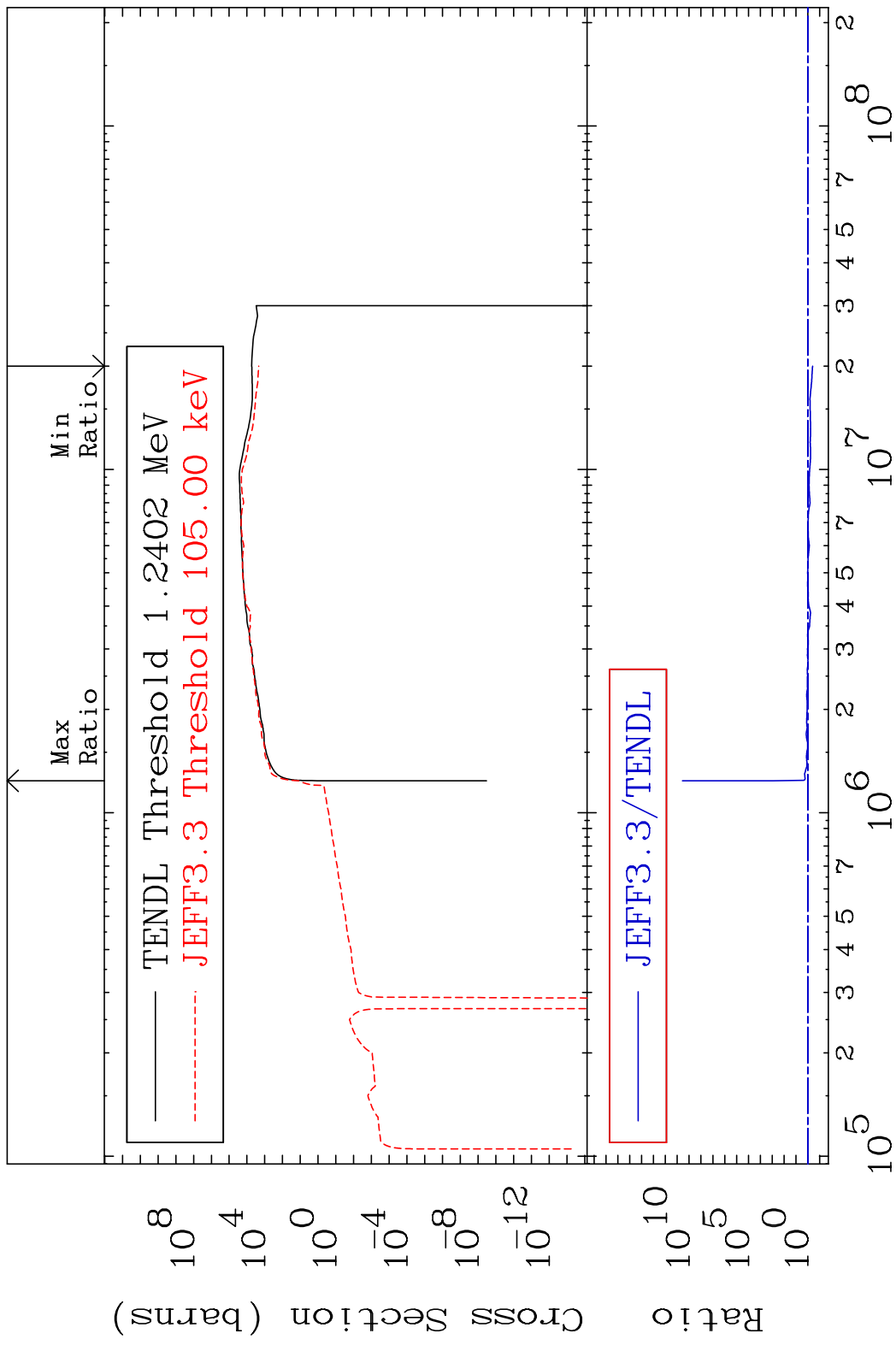
Kerma elastic
Cross Section -100.0 To 9999. %
50-Sn-118



MAT 5043 Kerma non-elastic (all but mt2) 50-Sn-118
 Cross Section -99.93 To 9999. %

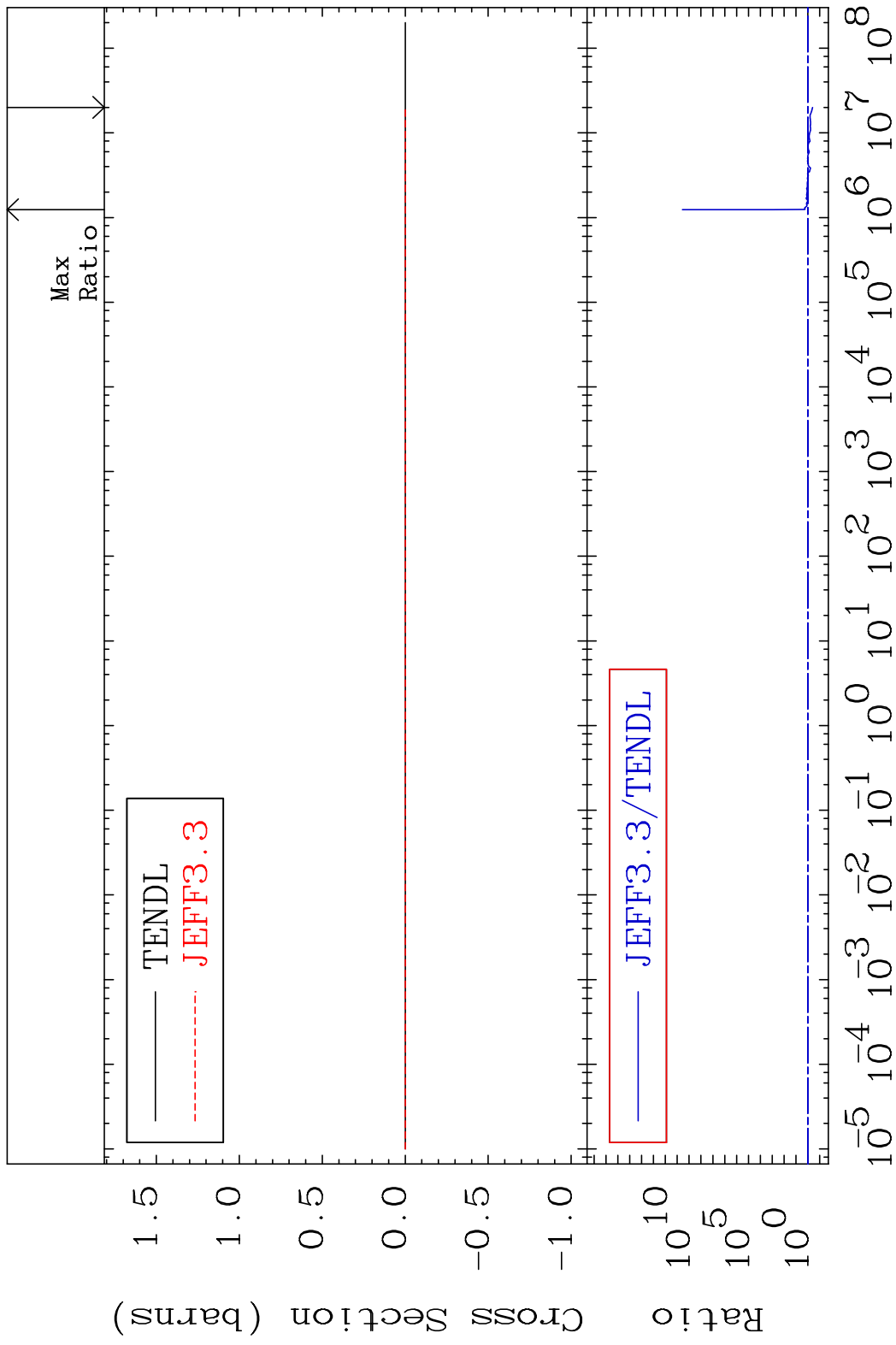


MAT 5043 Kerma inelastic (mt51-91) 50-Sn-118
 Cross Section -59.62 To 9999. %



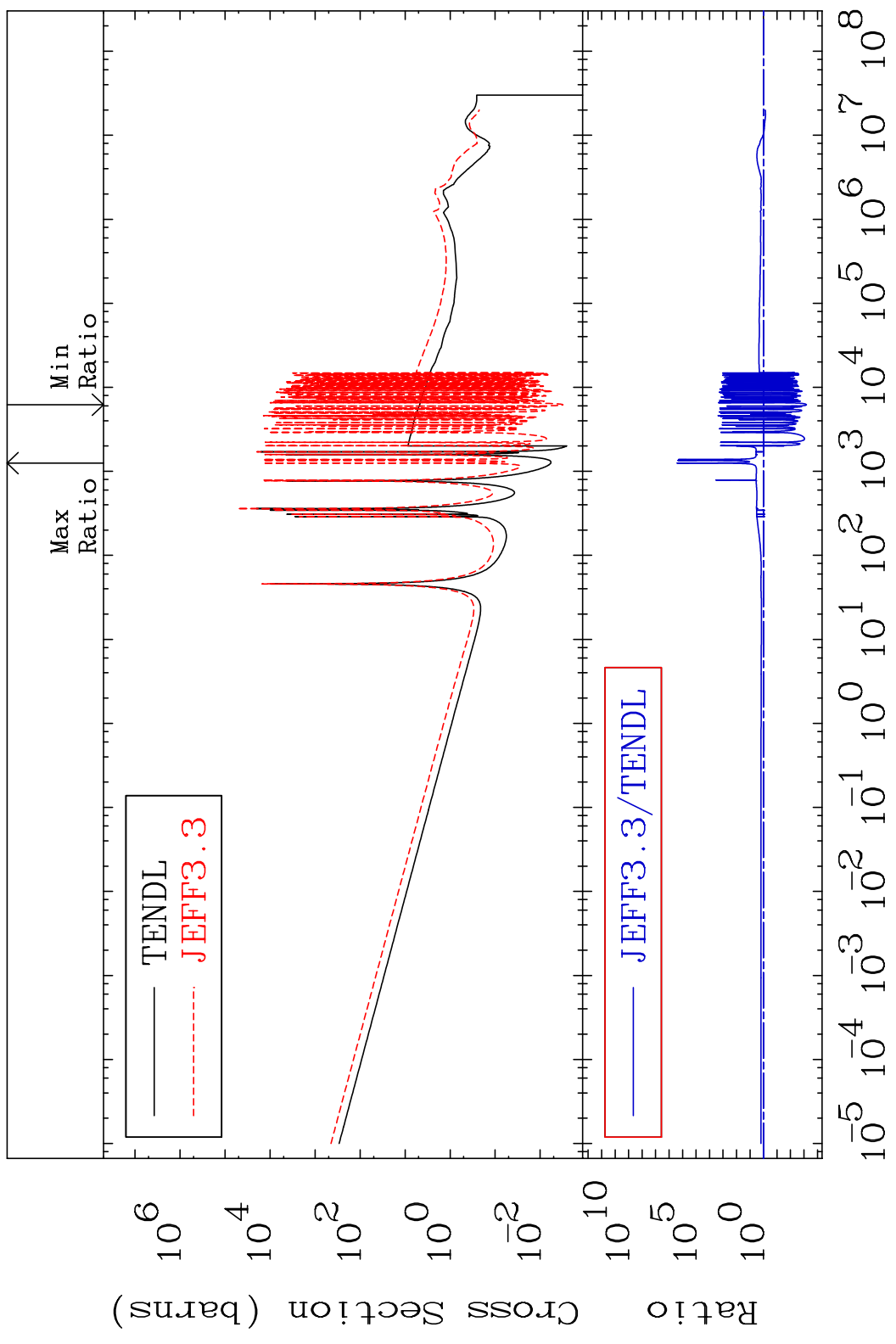
53 Incident Energy (eV) 50-Sn-118

MAT 5043 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-118
 Cross Section -59.62 To 9999. %

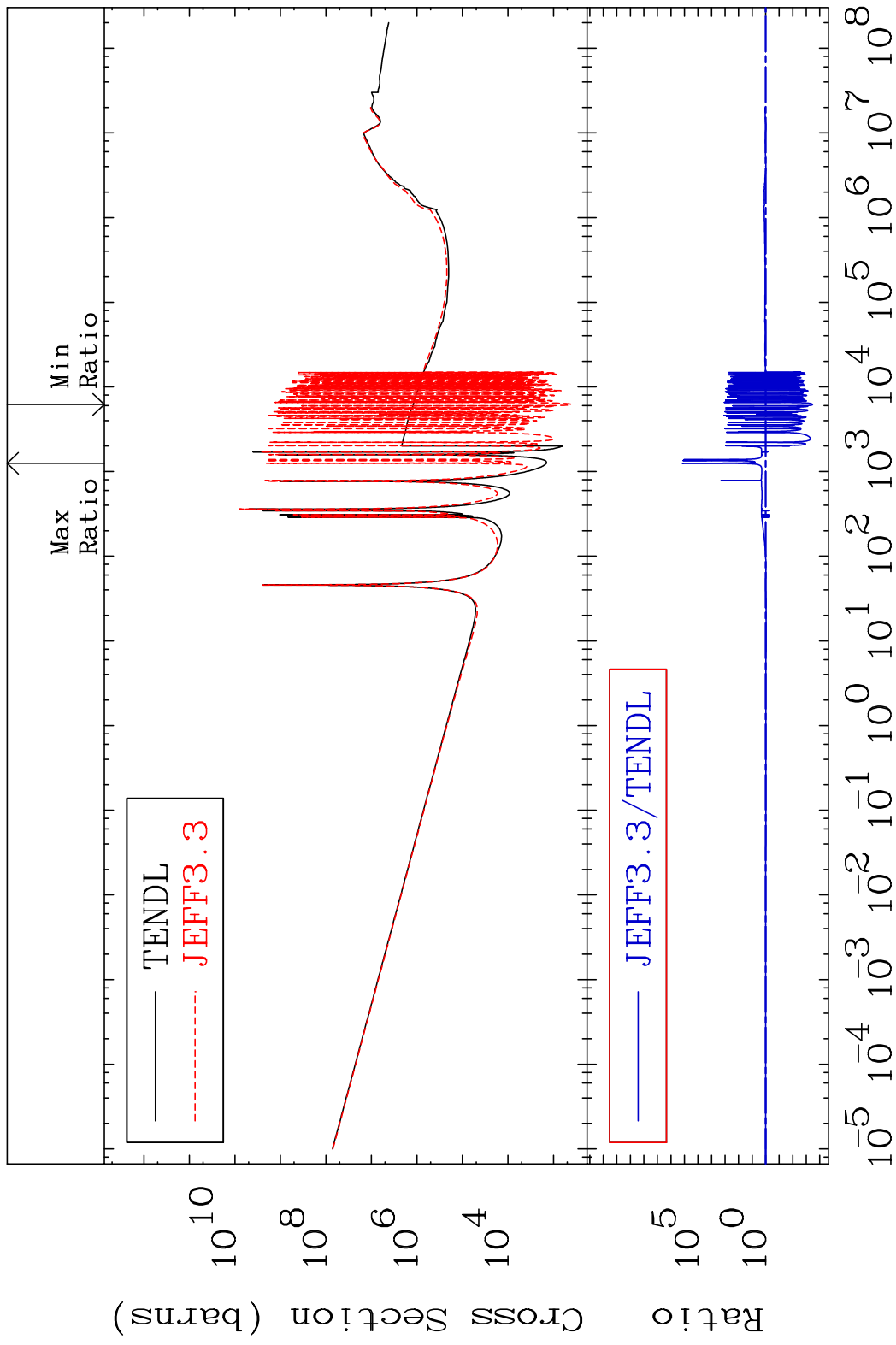


MAT 5043

Kerma capture (mt102) 50-Sn-118
Cross Section -99.93 To 9999. %

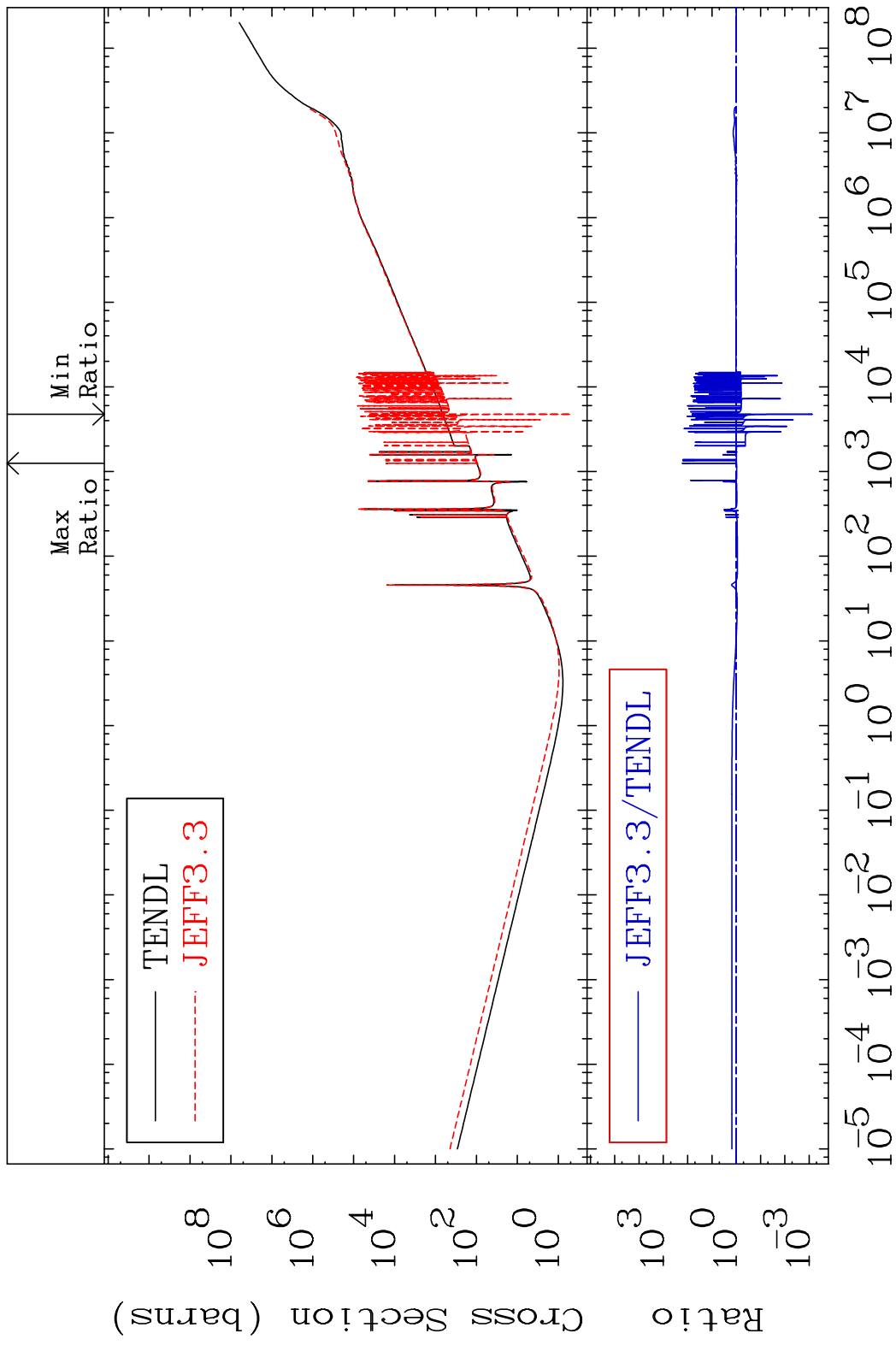


MAT 5043 Total photon (eV-barns) 50-Sn-118
 Cross Section -99.97 To 9999. %

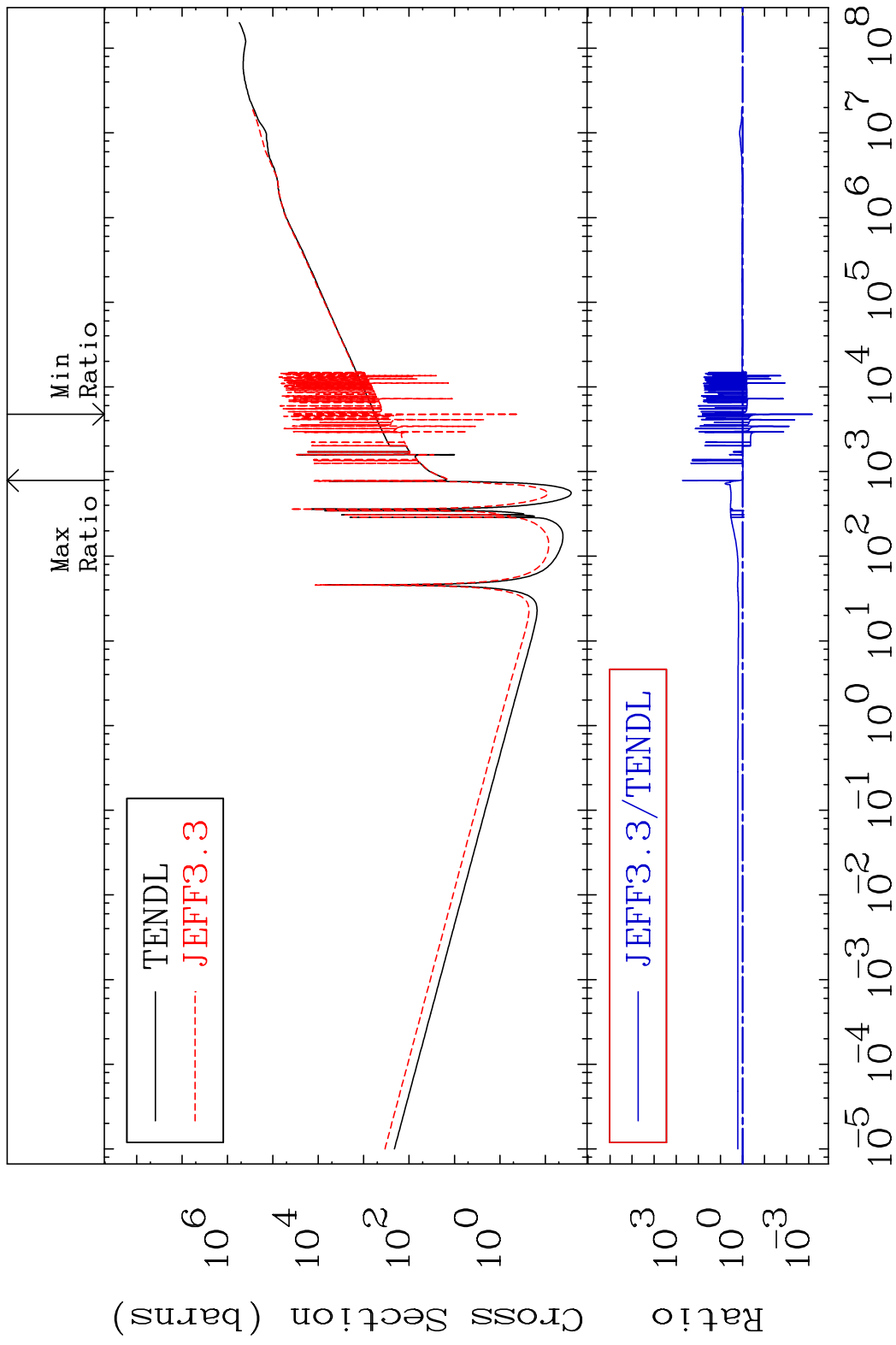


56 Incident Energy (eV) 50-Sn-118

MAT 5043 Total kinematic kerma (high limit) 50-Sn-118
 Cross Section -99.93 To 9999. %



MAT 5043 Dpa total (eV-barns) 50-Sn-118
 Cross Section -99.93 To 9999. %



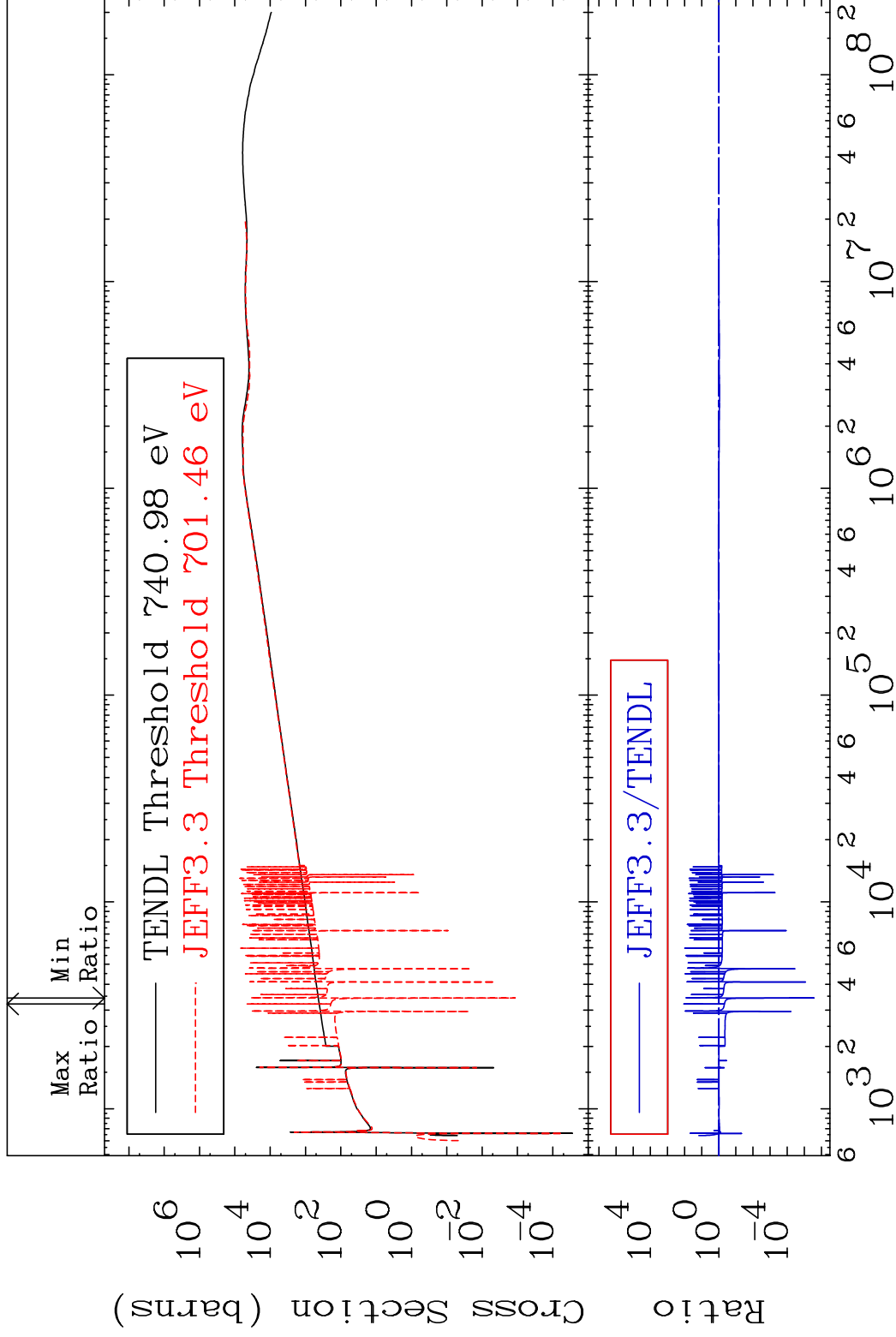
58 Incident Energy (eV) 50-Sn-118

MAT 5043

Dpa elastic (mt2)

50-Sn-118

Cross Section -100.0 To 9999. %

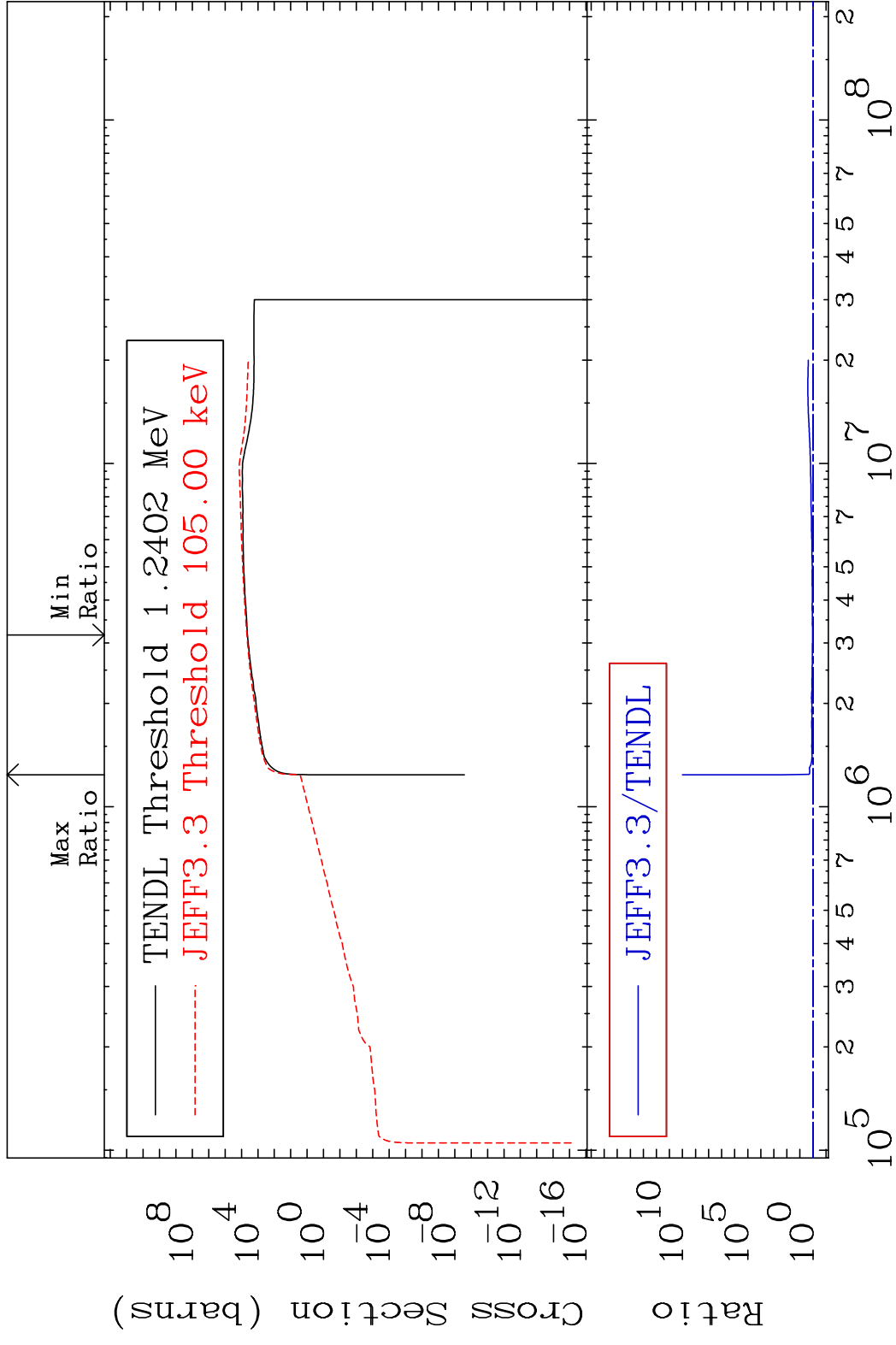


59

Incident Energy (eV)

50-Sn-118

MAT 5043 Dpa inelastic (mt51-91) 50-Sn-118
 Cross Section 7.671 To 9999. %



60 Incident Energy (eV) 50-Sn-118

MAT 5043 Dpa disappearance (mt102 -120) 50-Sn-118
 Cross Section -99.93 To 9999. %

