

Program Complot
(Version 2021-1)

by

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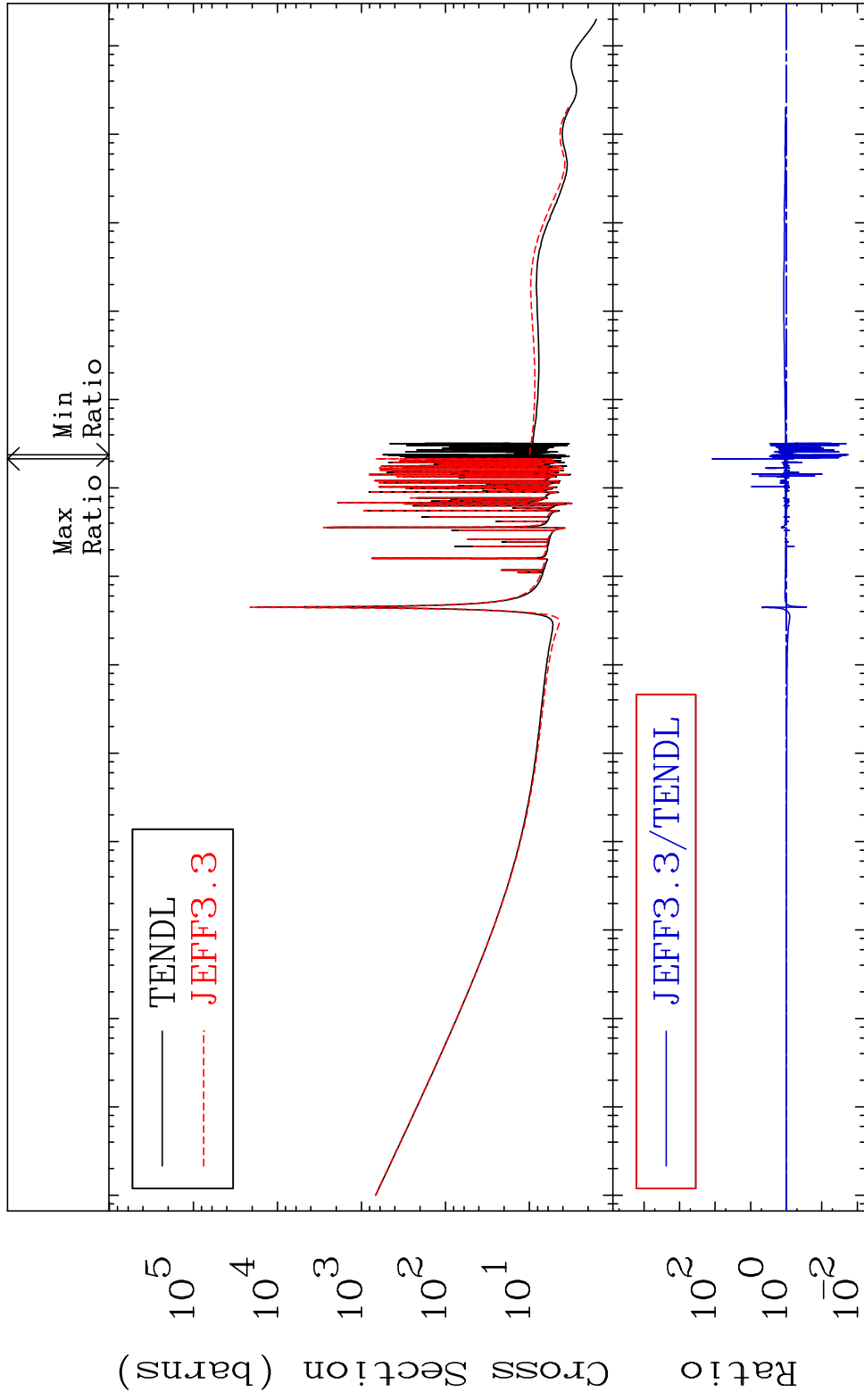
Press Mouse Button to Start

MAT 4234

Total

42-Mo-95

Cross Section -98.20 To 9999. %



1

Incident Energy (eV)

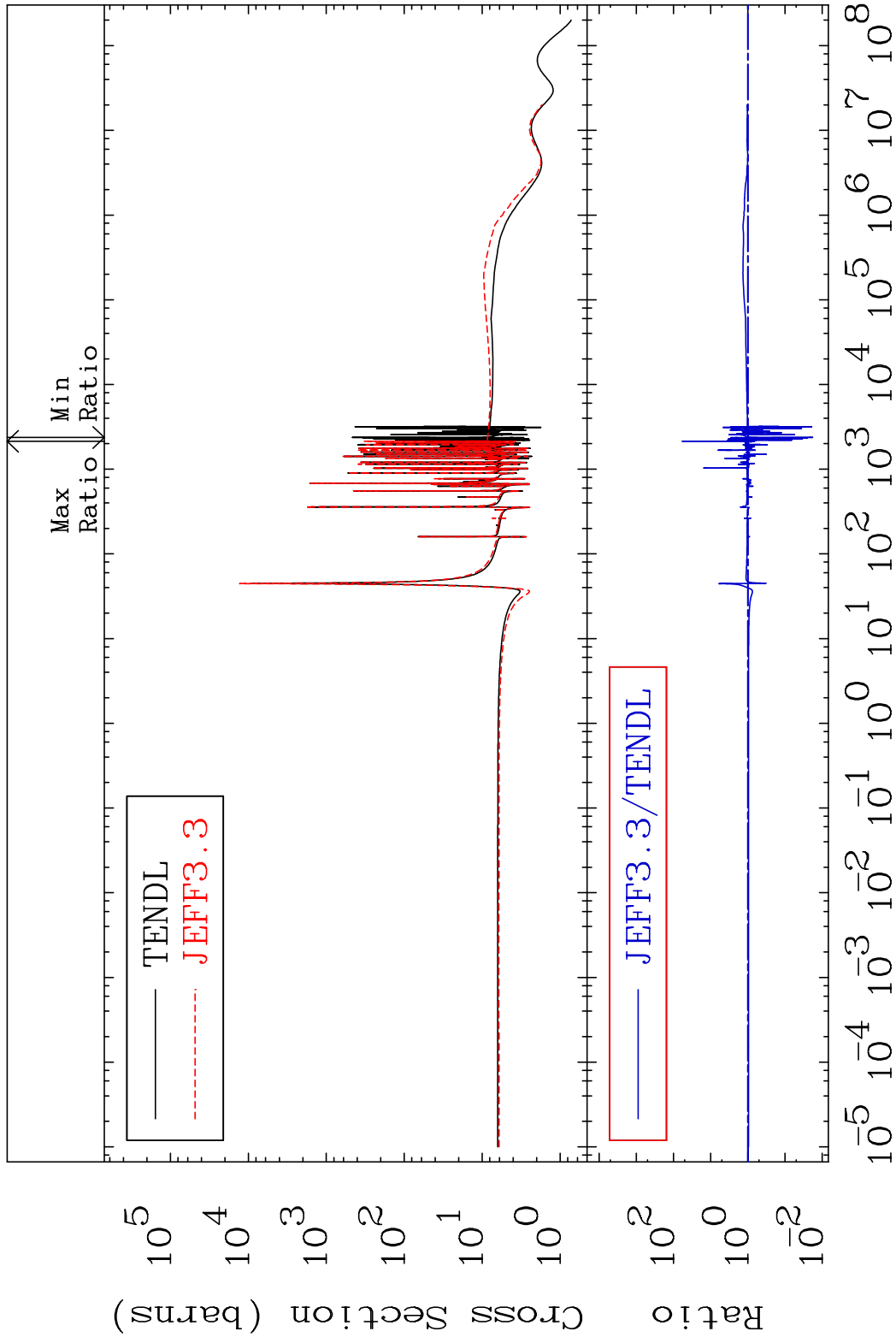
42-Mo-95

MAT 4234

Elastic

42-Mo-95

Cross Section -98.17 To 5668. %



2

Incident Energy (eV)

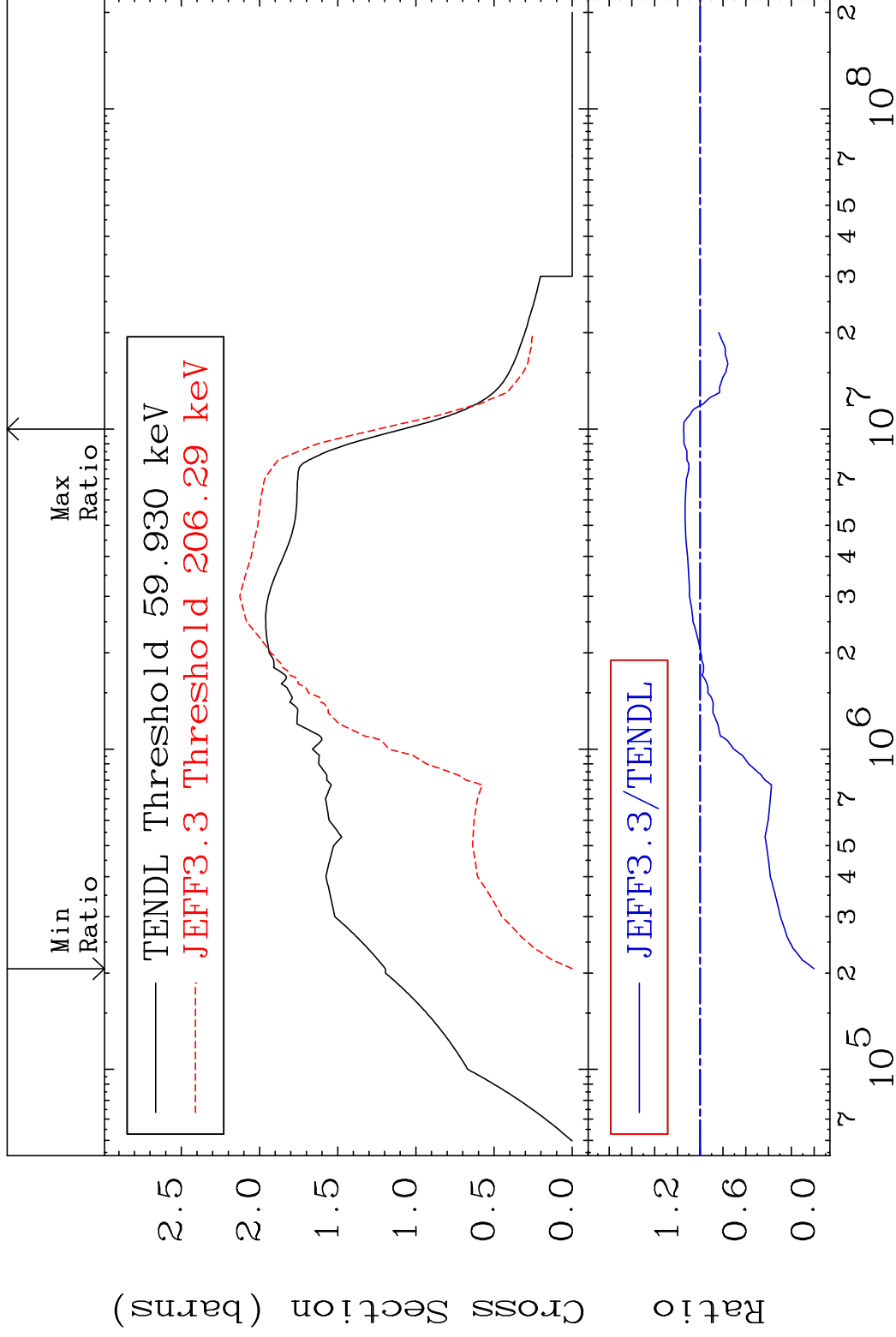
42-Mo-95

MAT 4234

Inelastic

42-Mo-95

Cross Section -100.0 To 14.55 %



3

Incident Energy (eV)

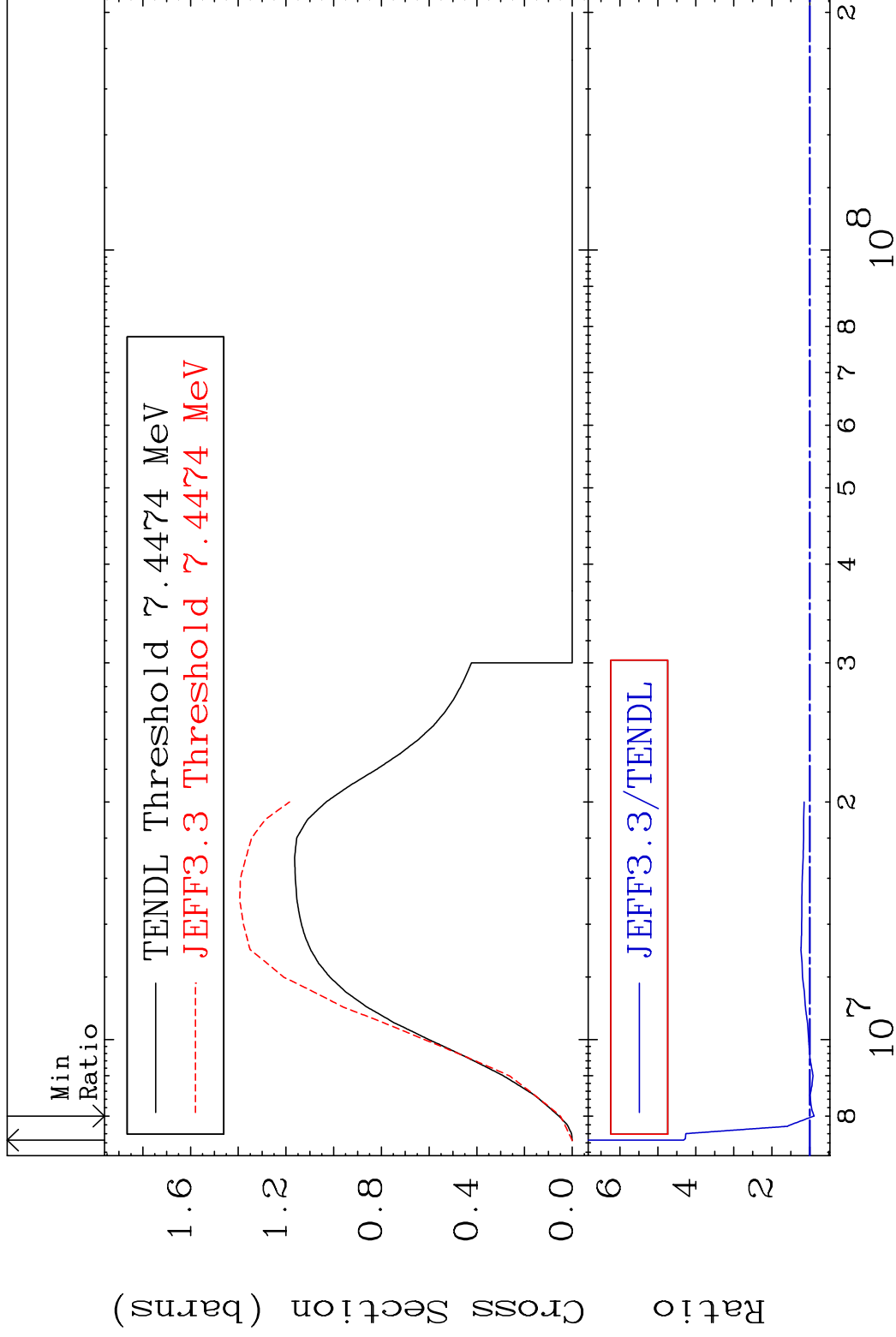
42-Mo-95

MAT 4234

(n,2n)

42-Mo-95

Cross Section -11.46 To 332.0 %



4

Incident Energy (eV)

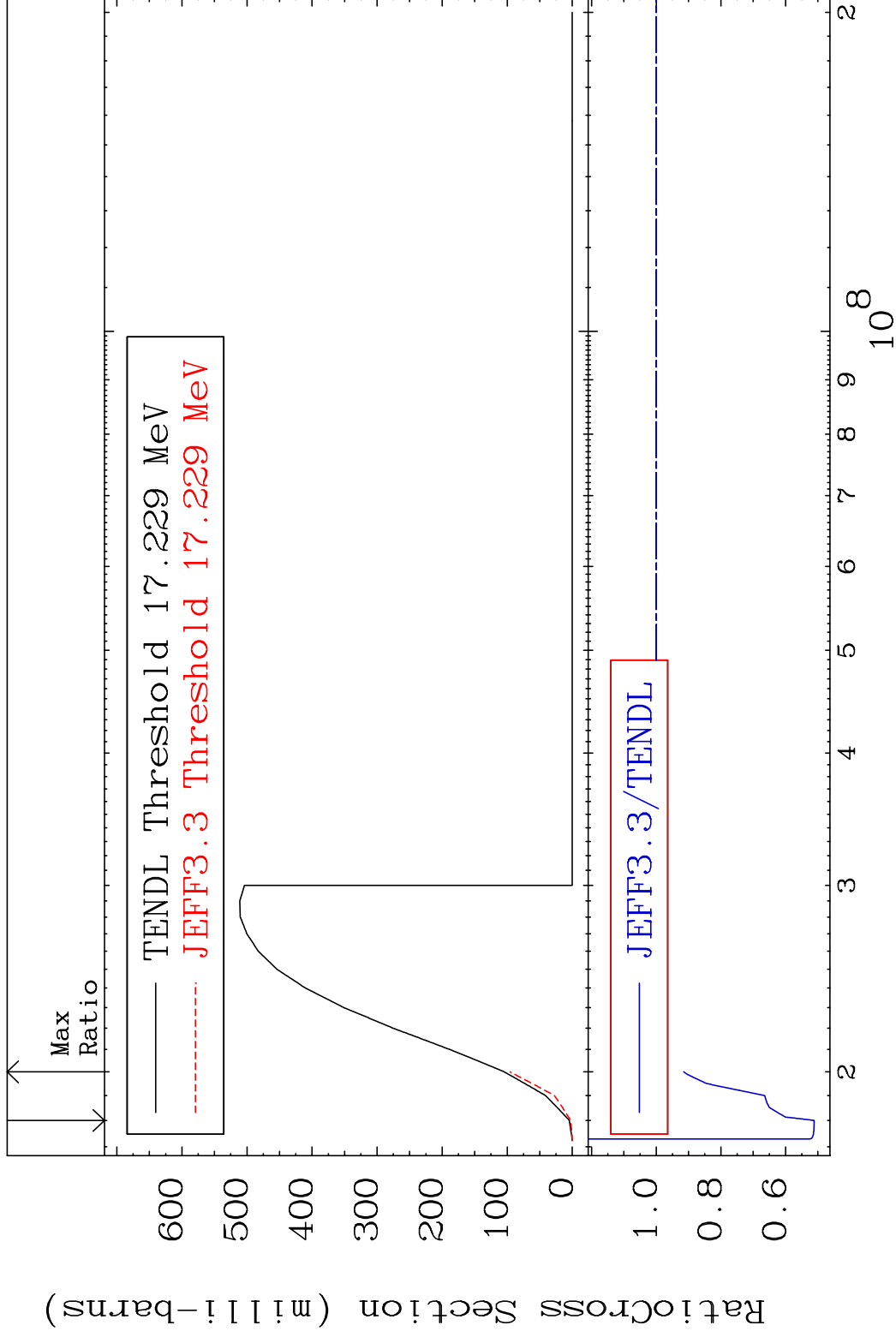
42-Mo-95

MAT 4234

(n,3n)

42-Mo-95

Cross Section -48.83 To -8.482%



5

Incident Energy (eV)

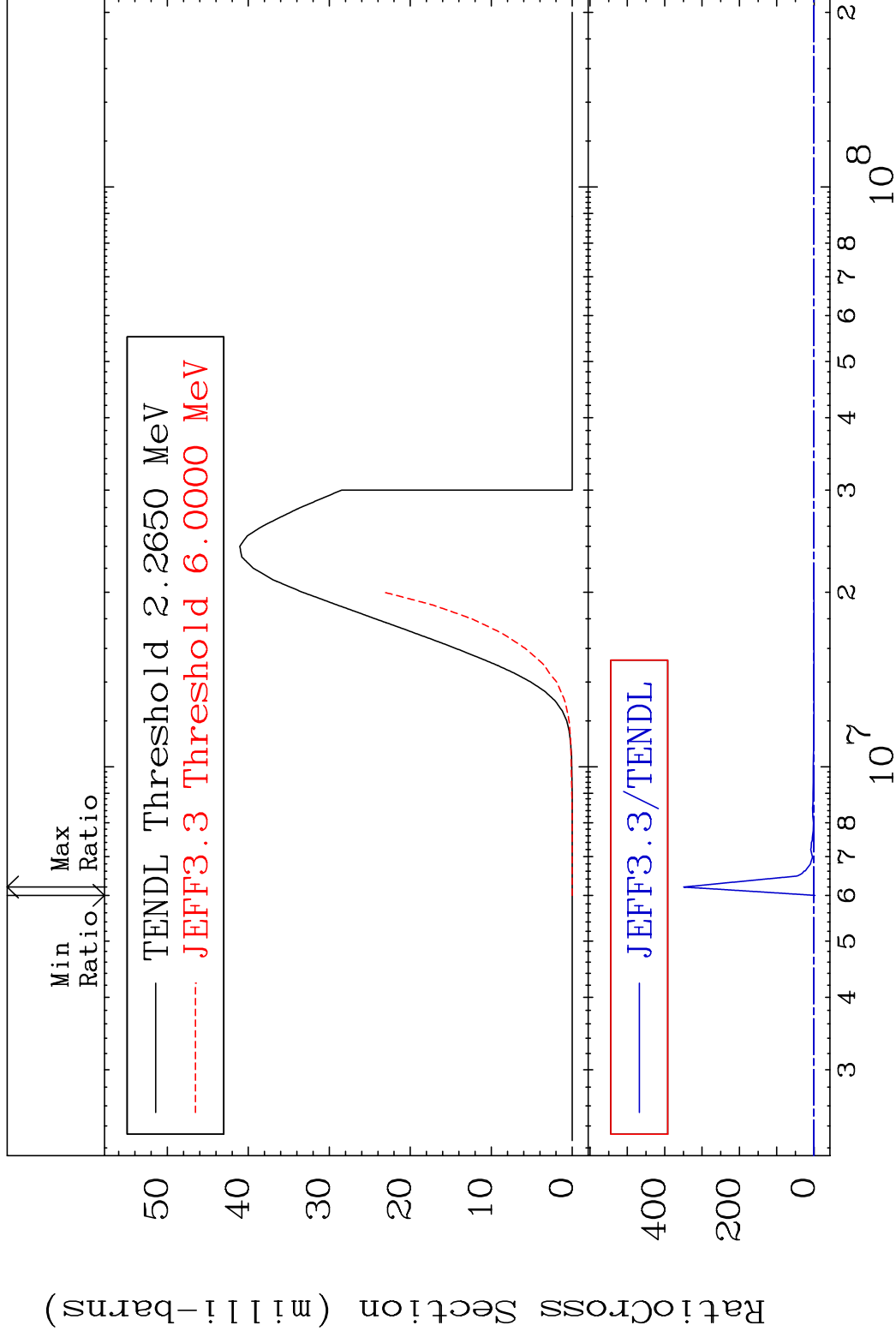
42-Mo-95

MAT 4234

(n, n') α

42-Mo-95

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

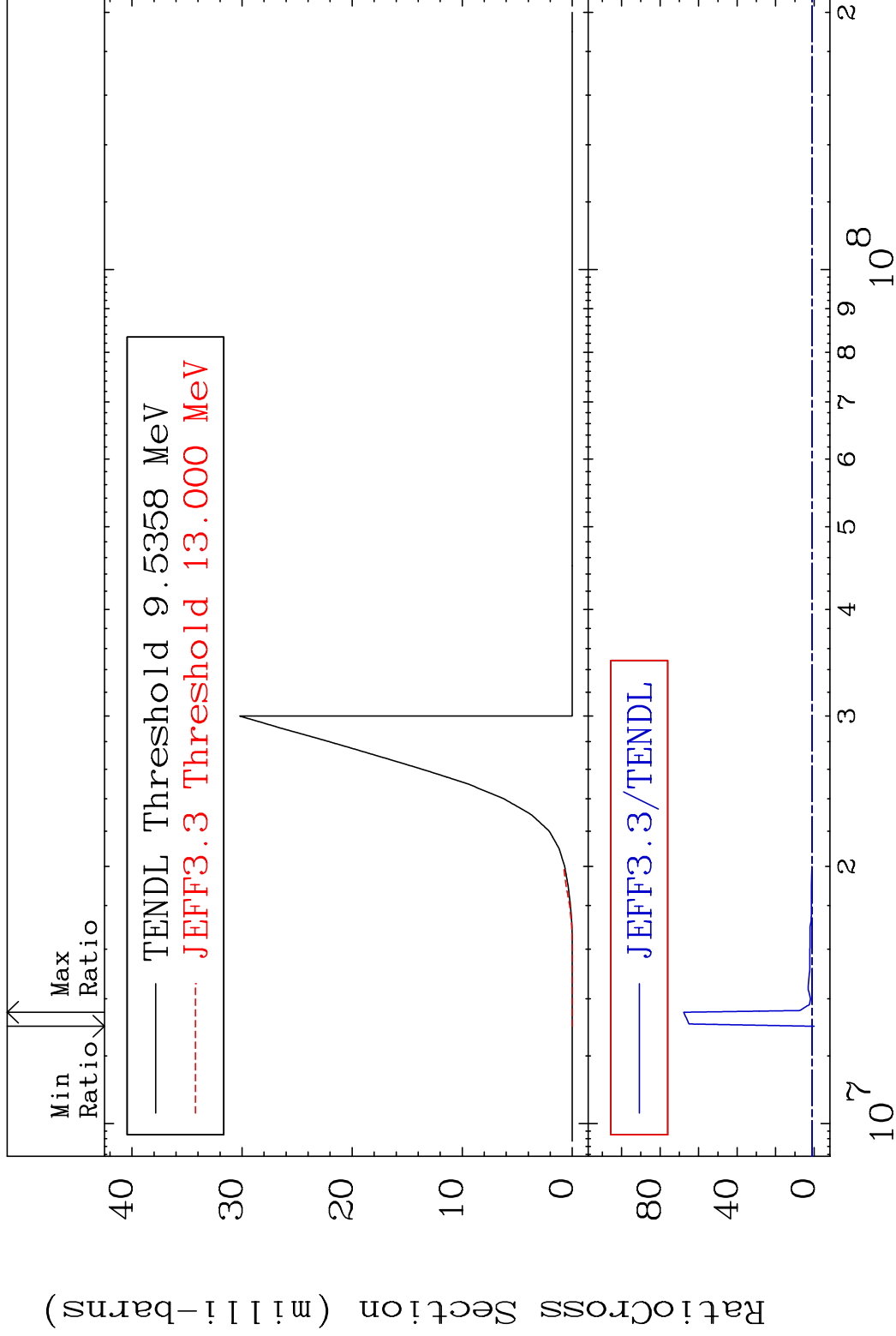
42-Mo-95

MAT 4234

(n,2n) α

42-Mo-95

Cross Section -100.0 To 6676. %



7

Incident Energy (eV)

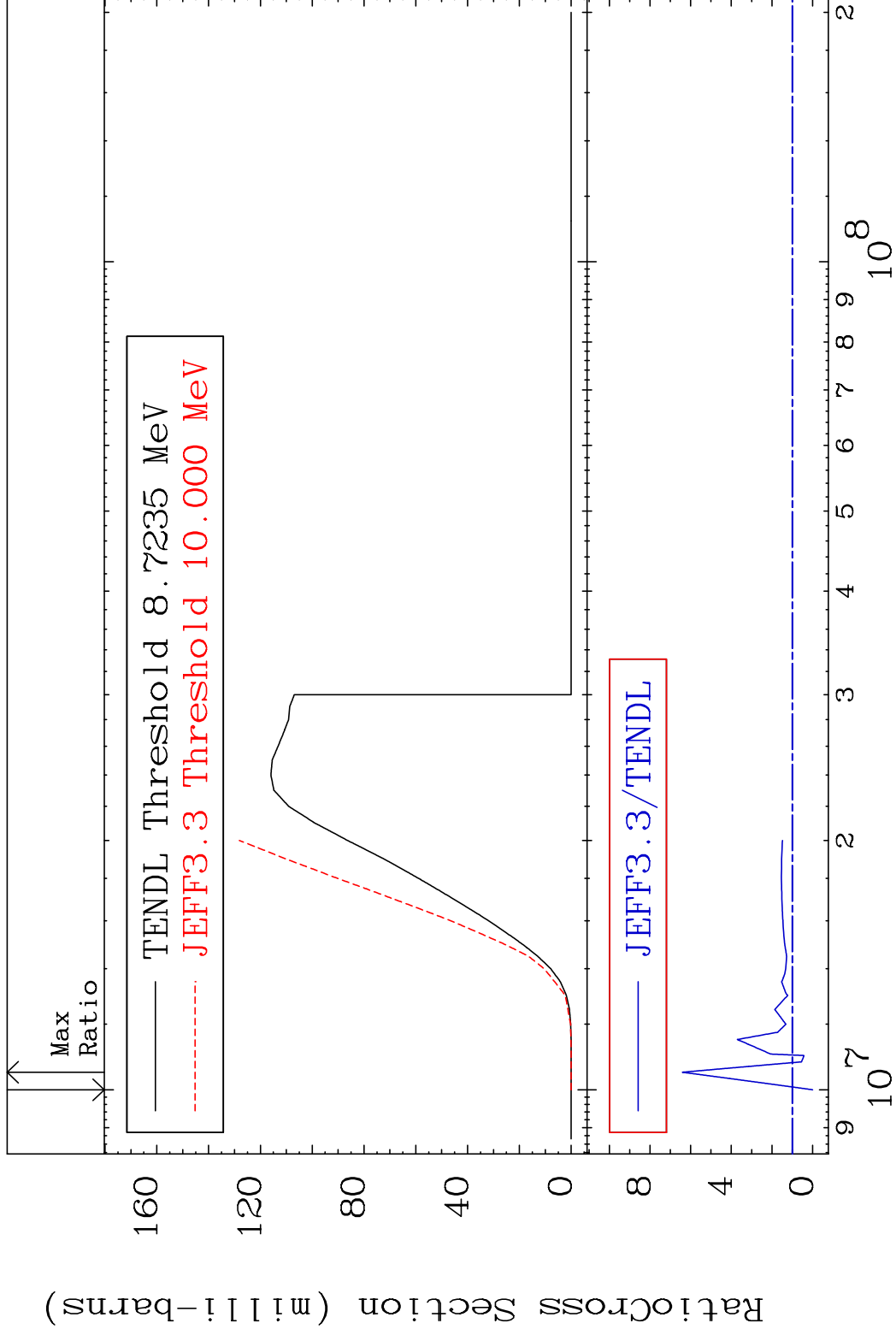
42-Mo-95

MAT 4234

(n, n') p

42-Mo-95

Cross Section -100.0 To 540.9 %



8

Incident Energy (eV)

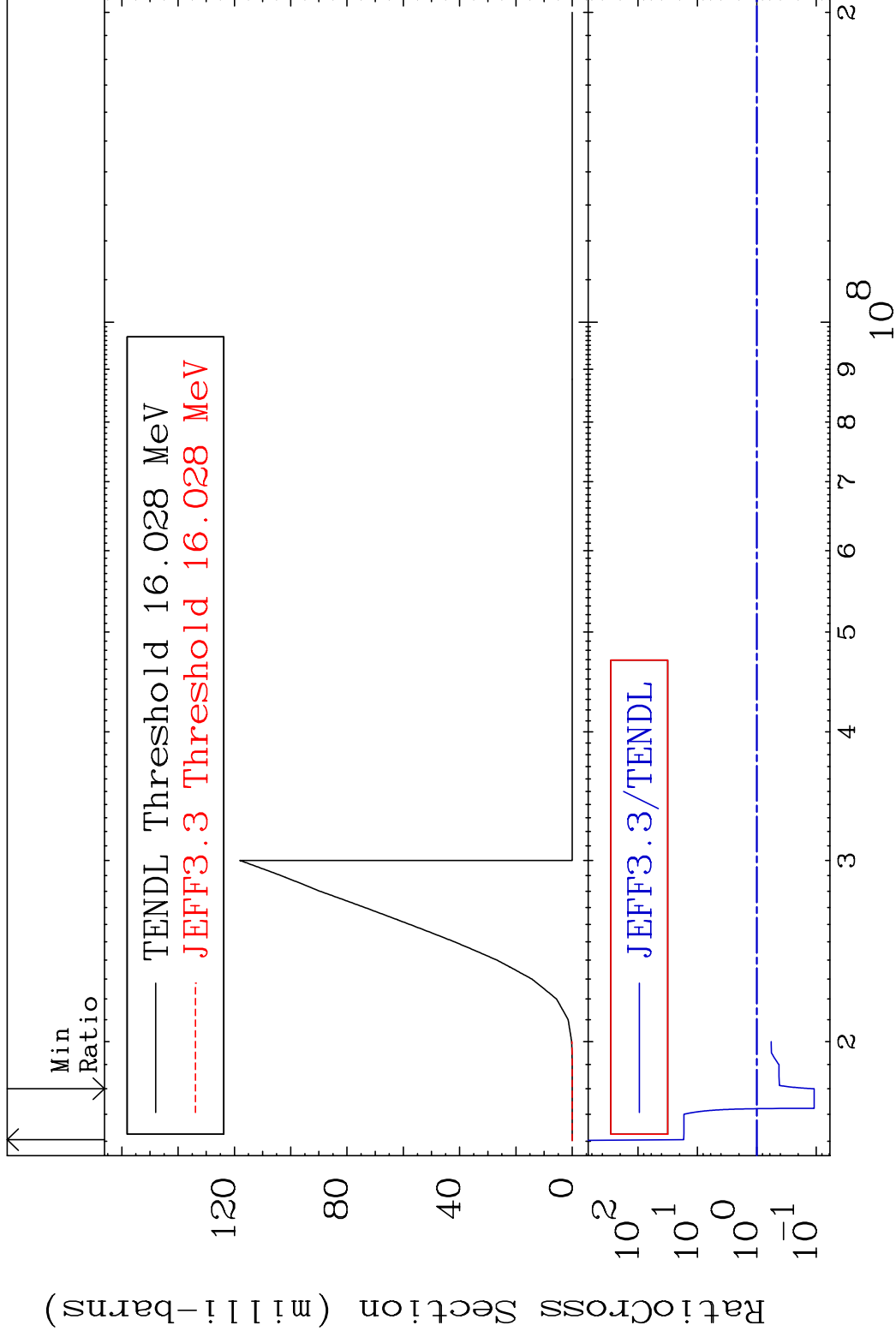
42-Mo-95

MAT 4234

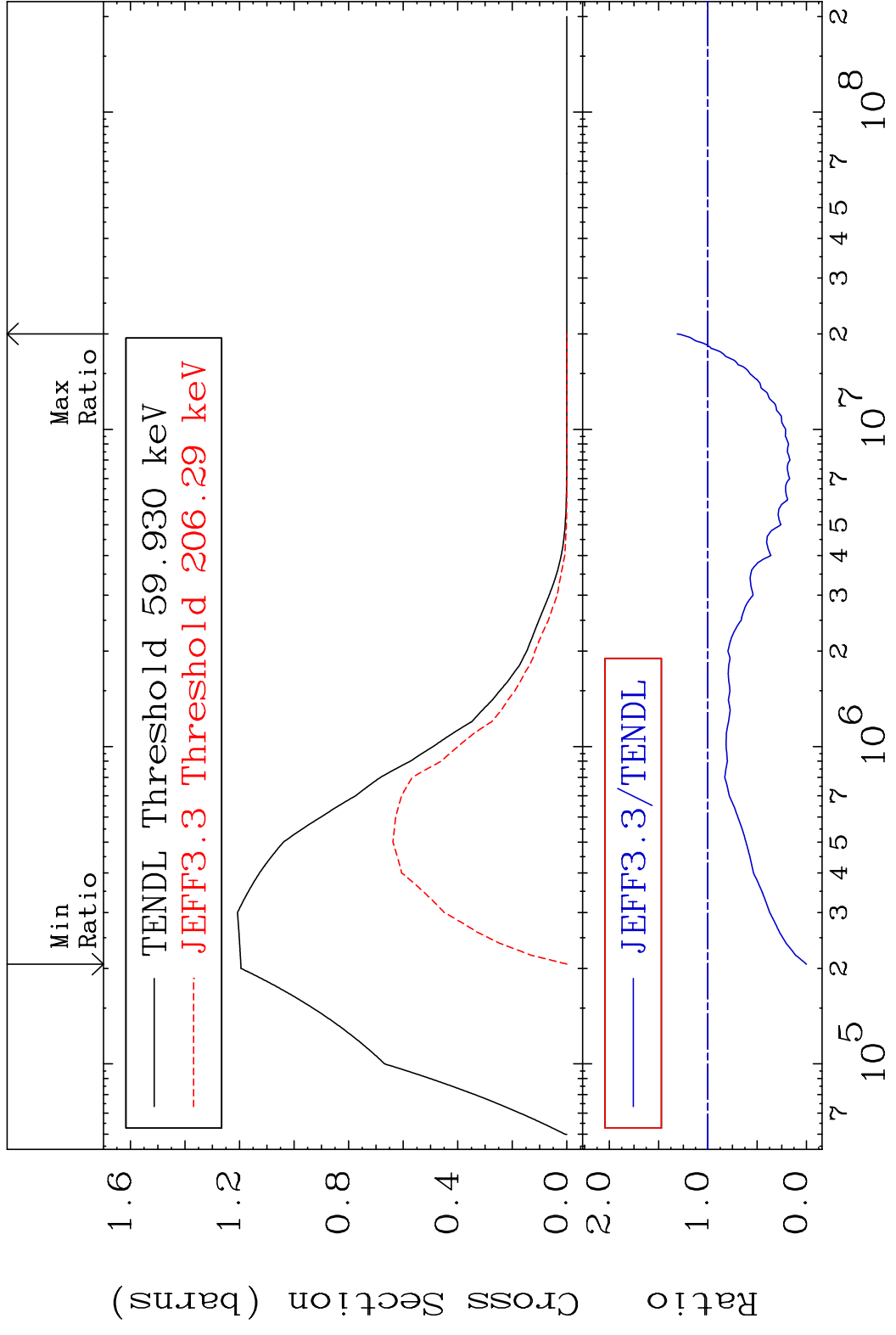
(n,2n) p

42-Mo-95

Cross Section -89.19 To 1603. %

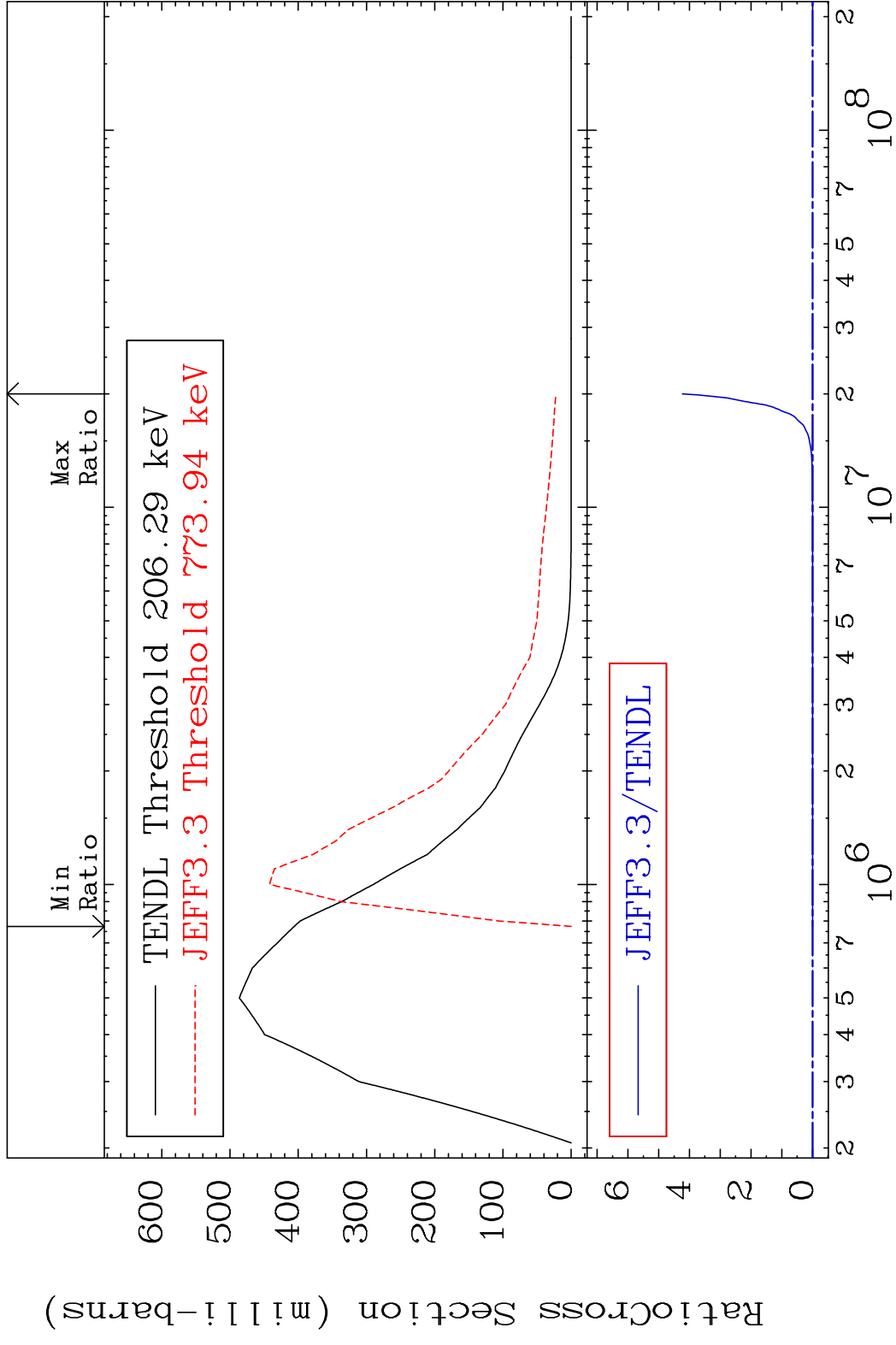


MAT 4234 MT= 51 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 31.15 %

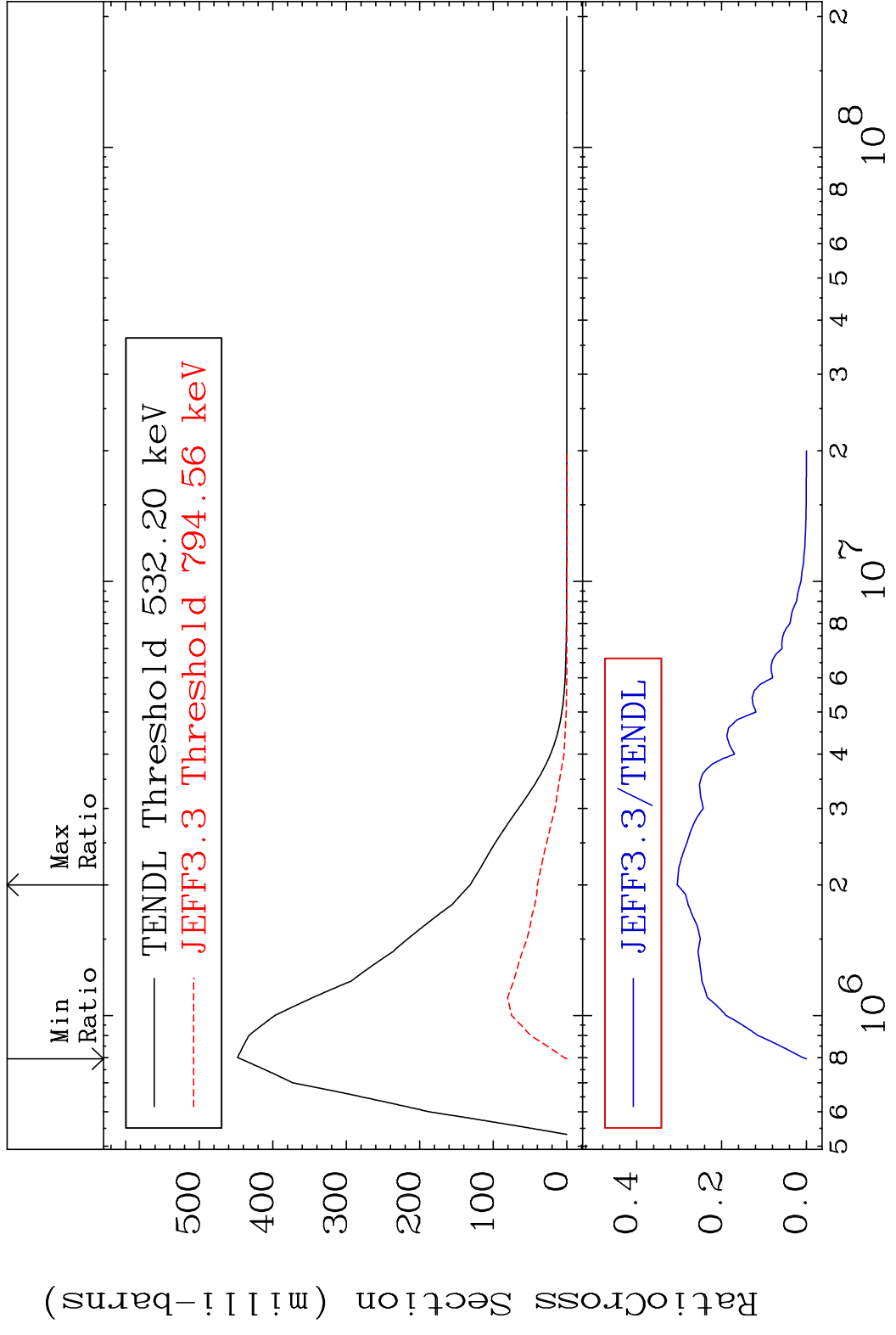


10 Incident Energy (eV) 42-Mo-95

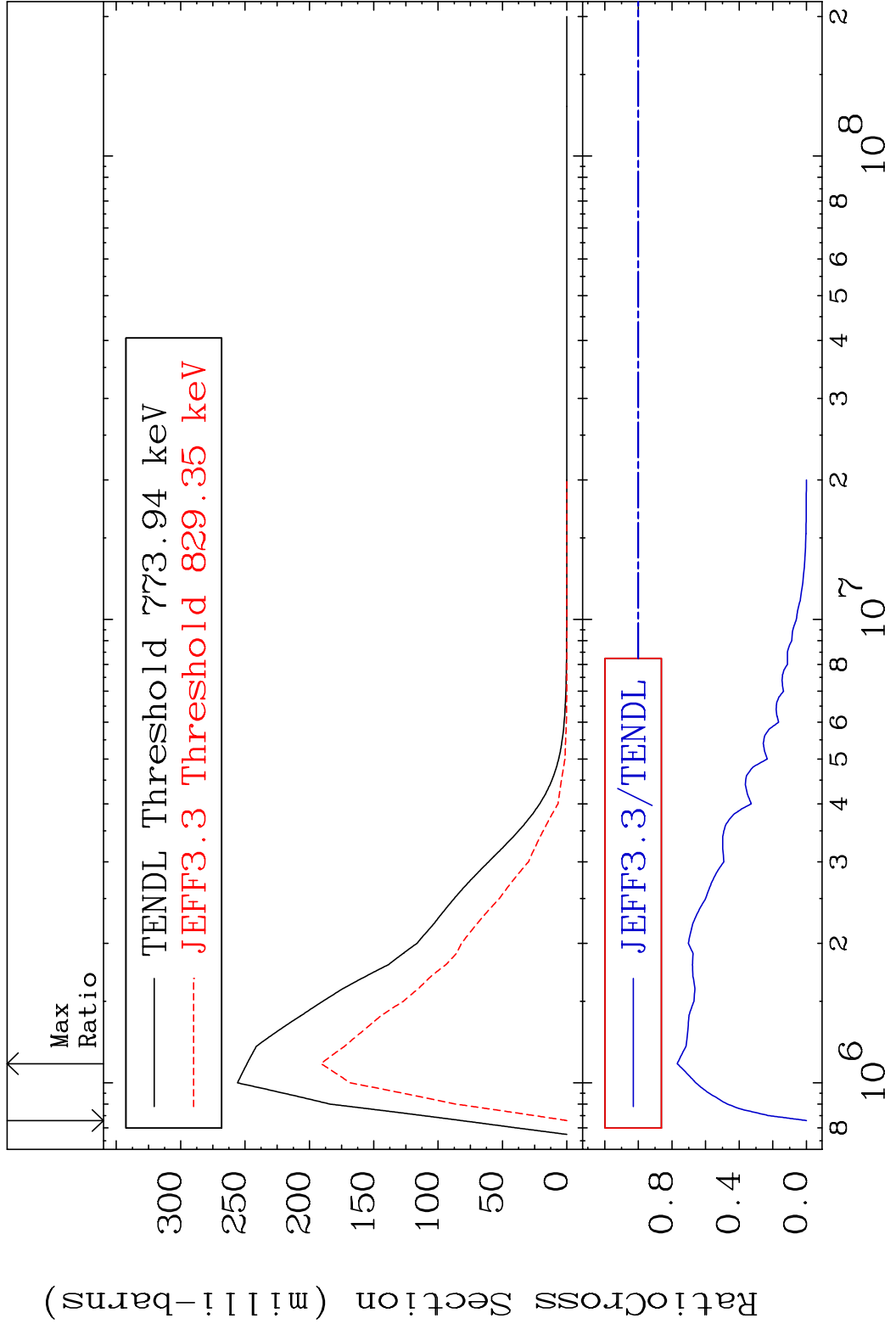
MAT 4234 MT= 52 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



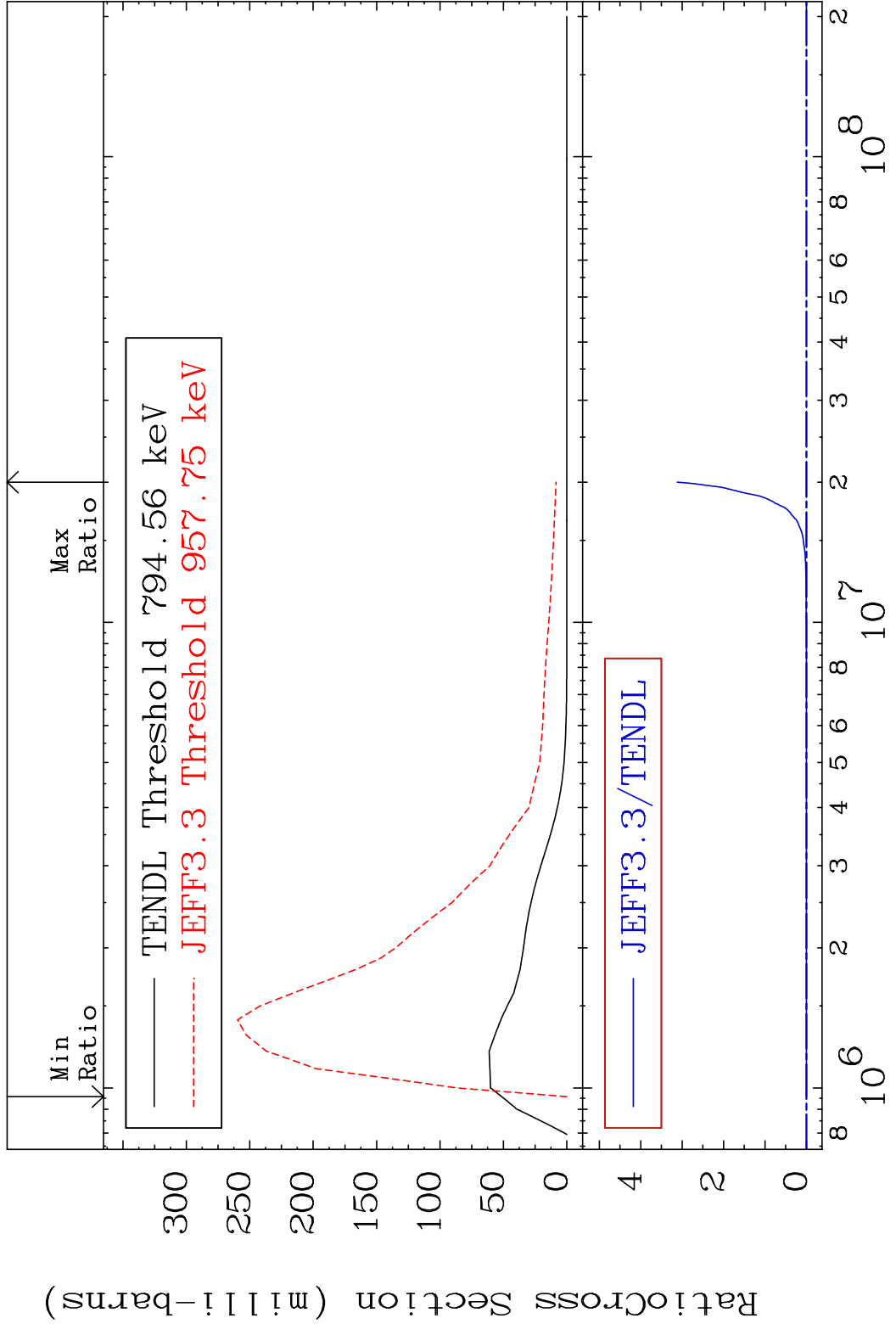
MAT 4234 MT= 53 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -69.55%



MAT 4234 MT= 54 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -23.11%

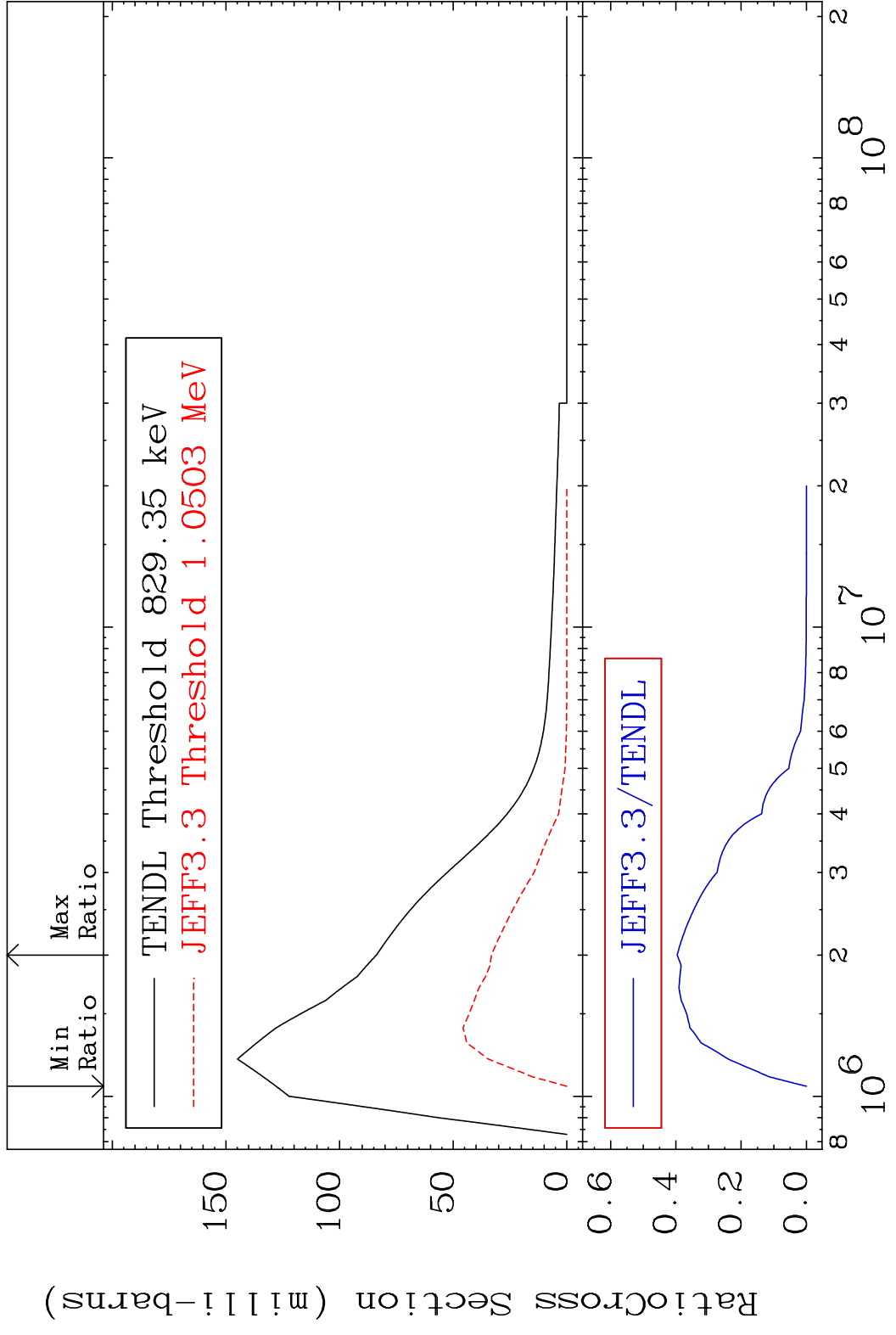


MAT 4234 MT= 55 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



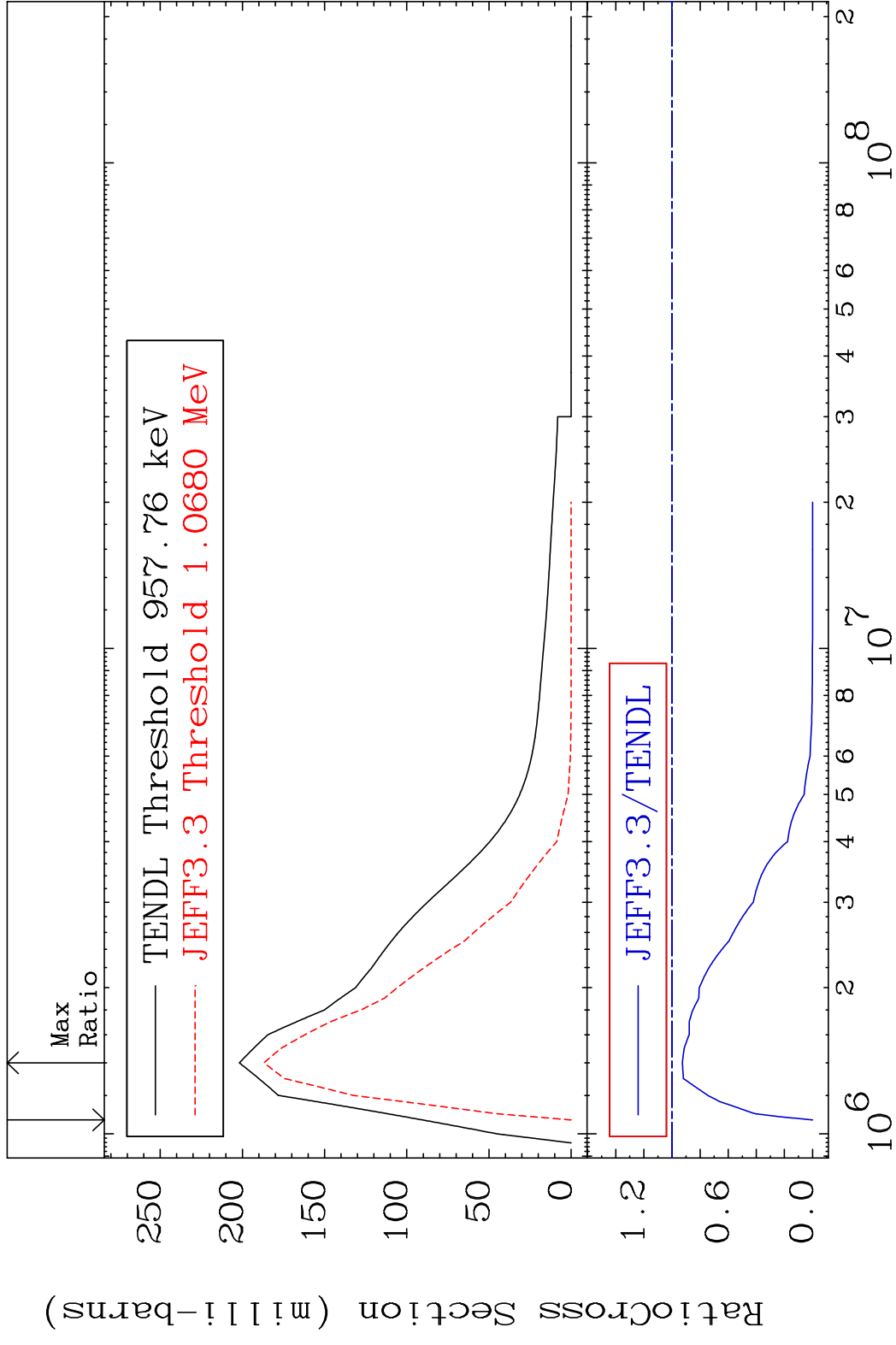
14 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 56 (n,n') Level 42-Mo-95
 Cross Section -100.0 To -60.40%

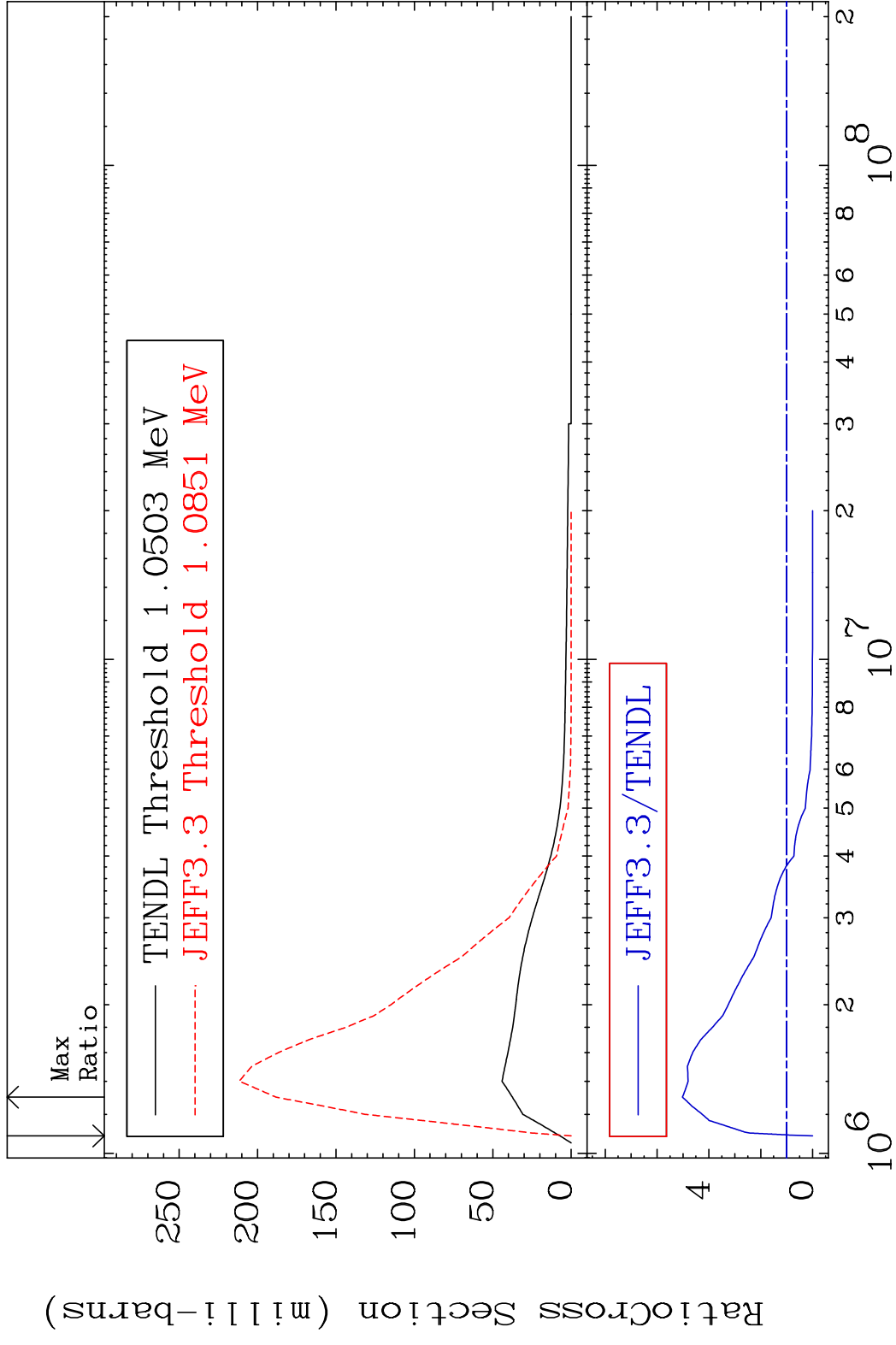


15 42-Mo-95

MAT 4234 MT= 57 (n,n') Level 42-Mo-95
 Cross Section -100.0 To -7.399%

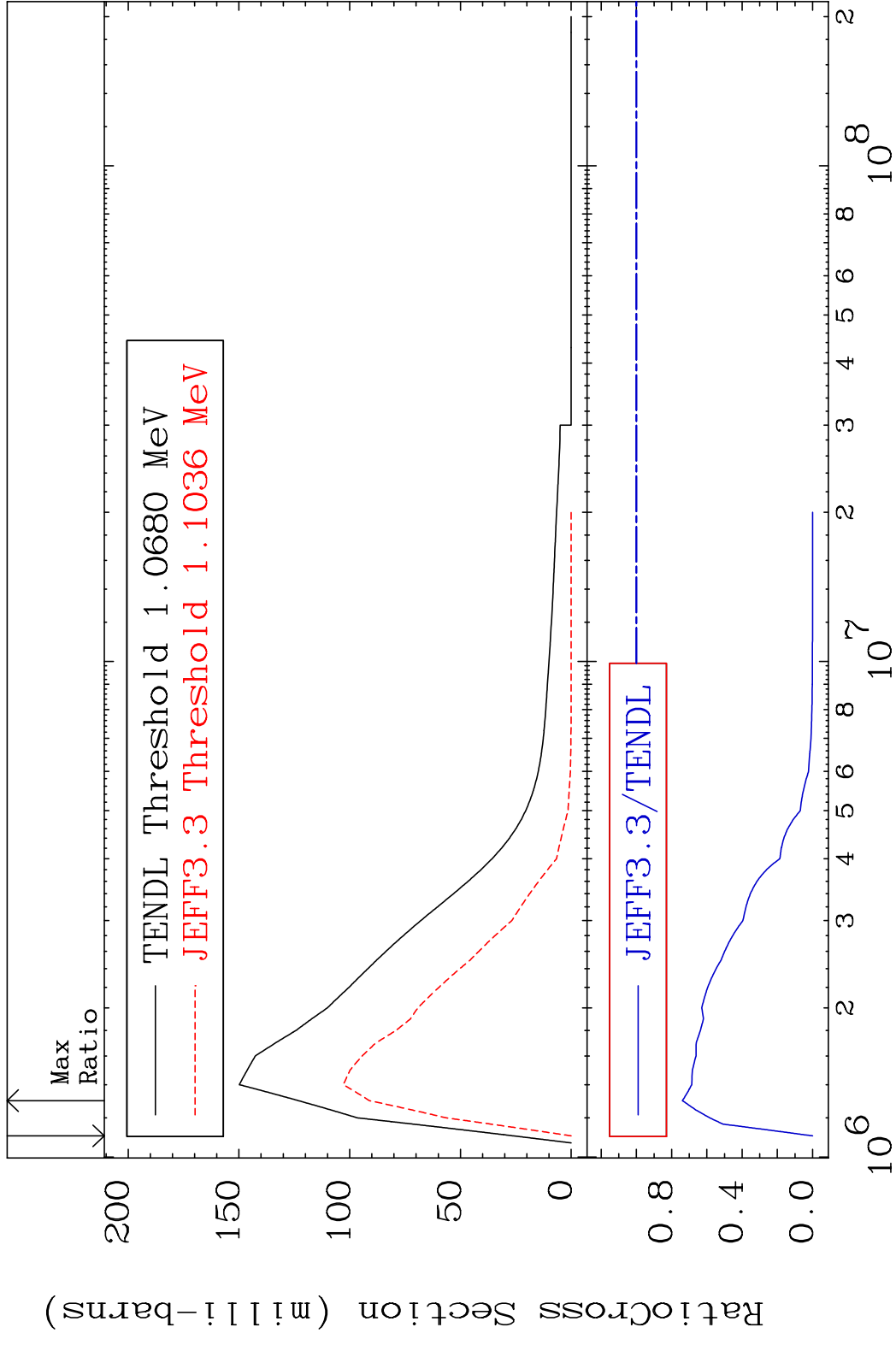


MAT 4234 MT= 58 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 402.4 %



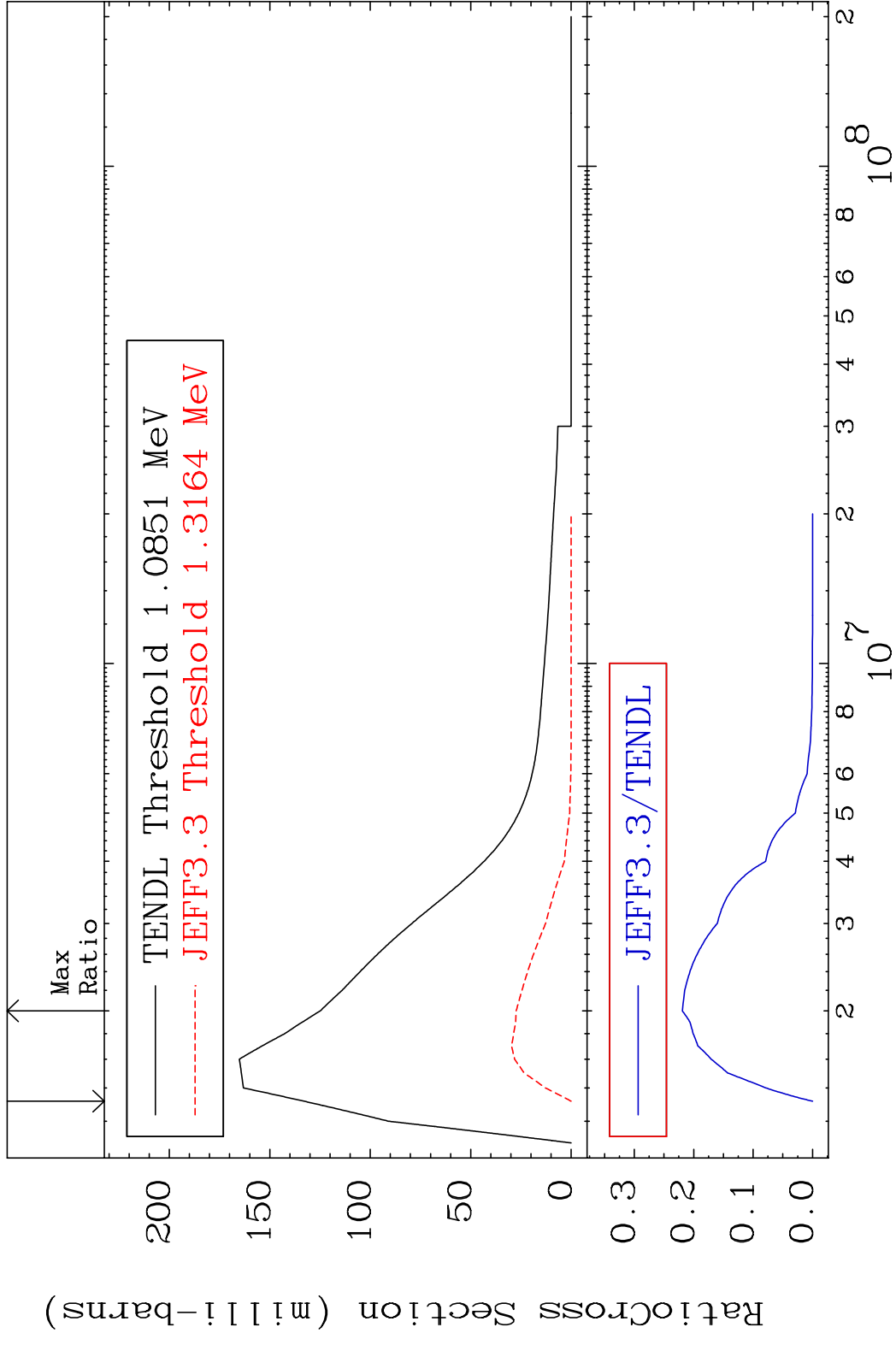
17 Incident Energy (eV) 42-Mo-95

MAT 4234 MT= 59 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -26.08%

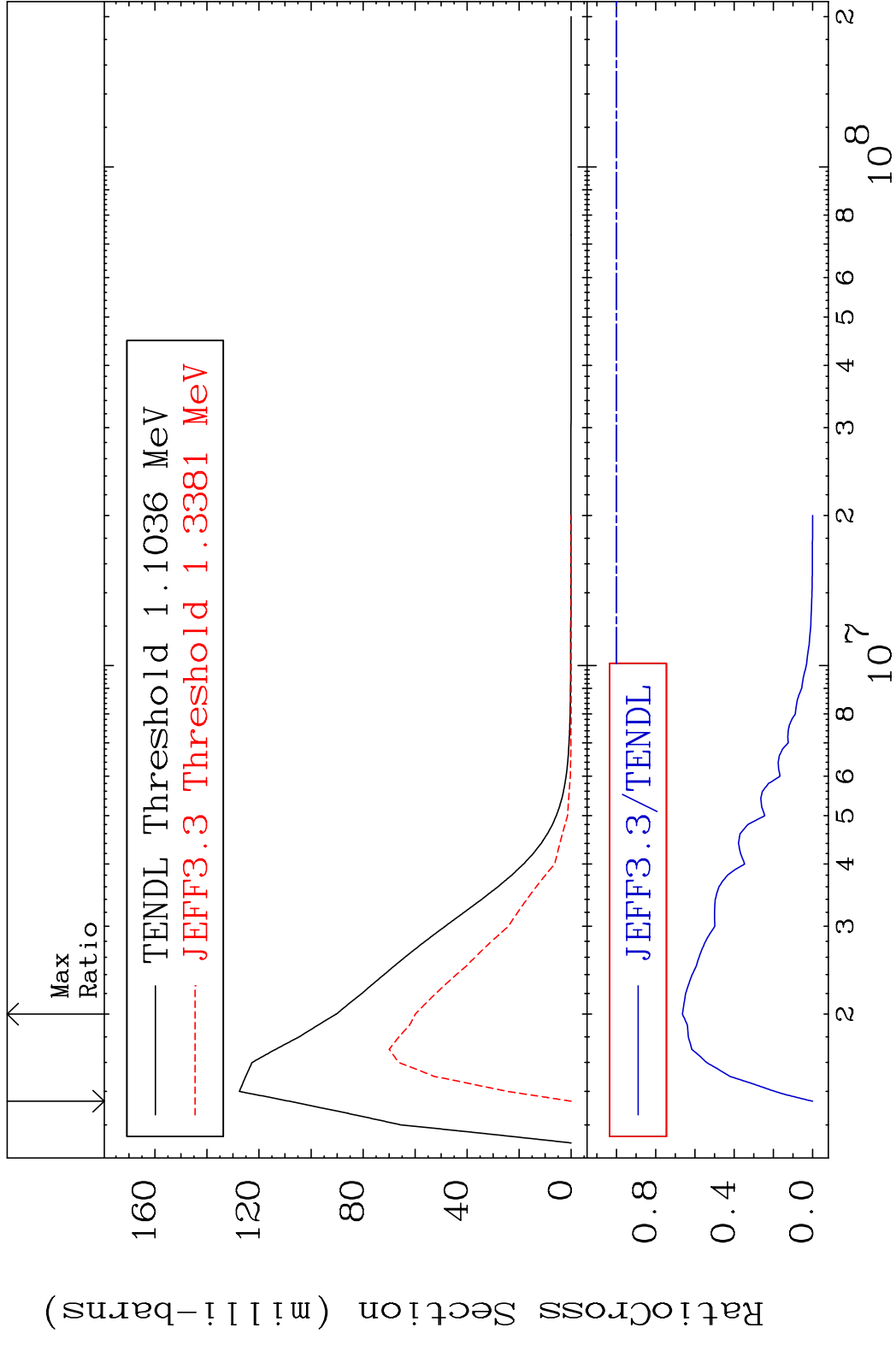


18 Incident Energy (eV) 42-Mo-95

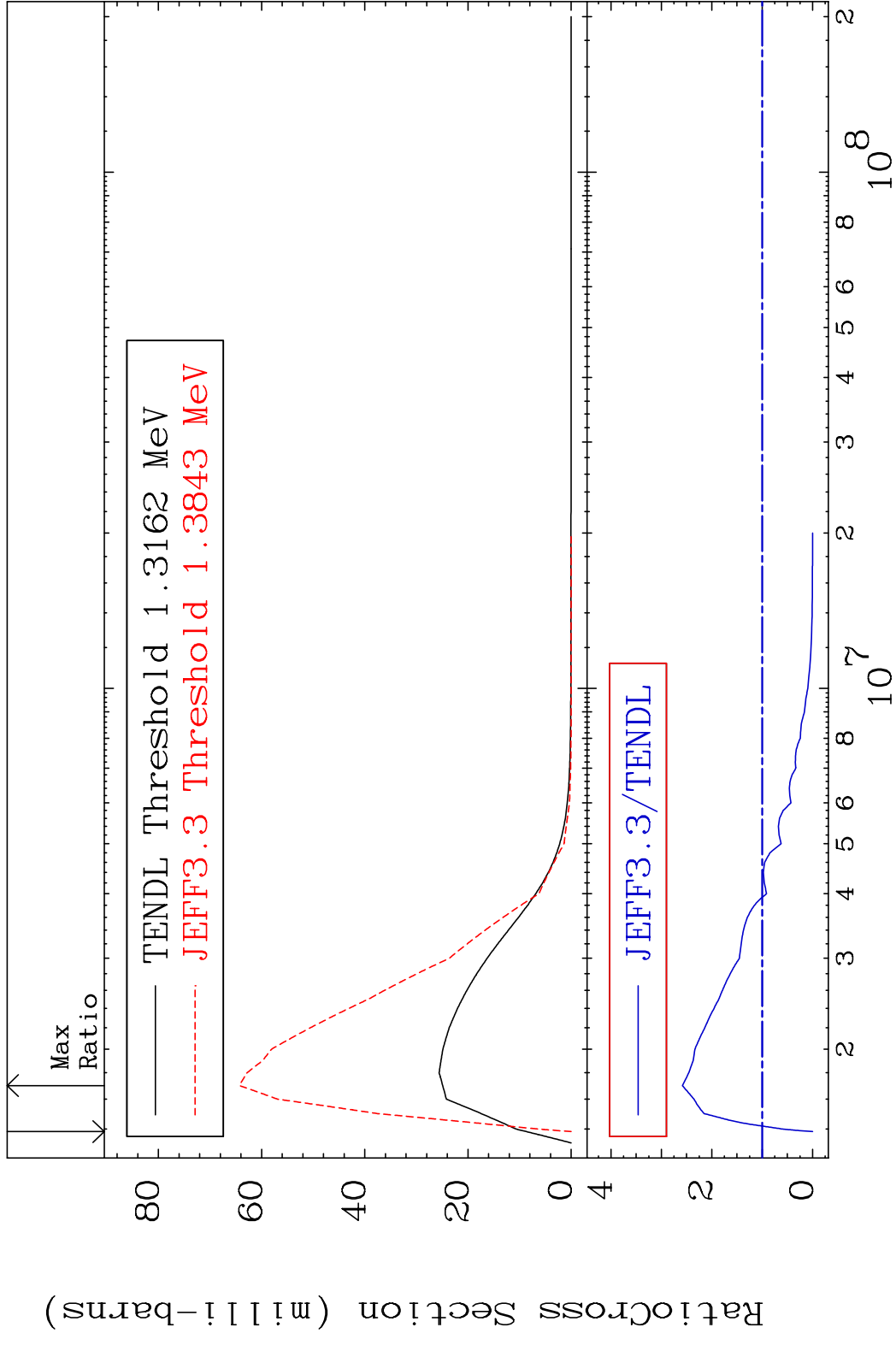
MAT 4234 MT= 60 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -78.09%



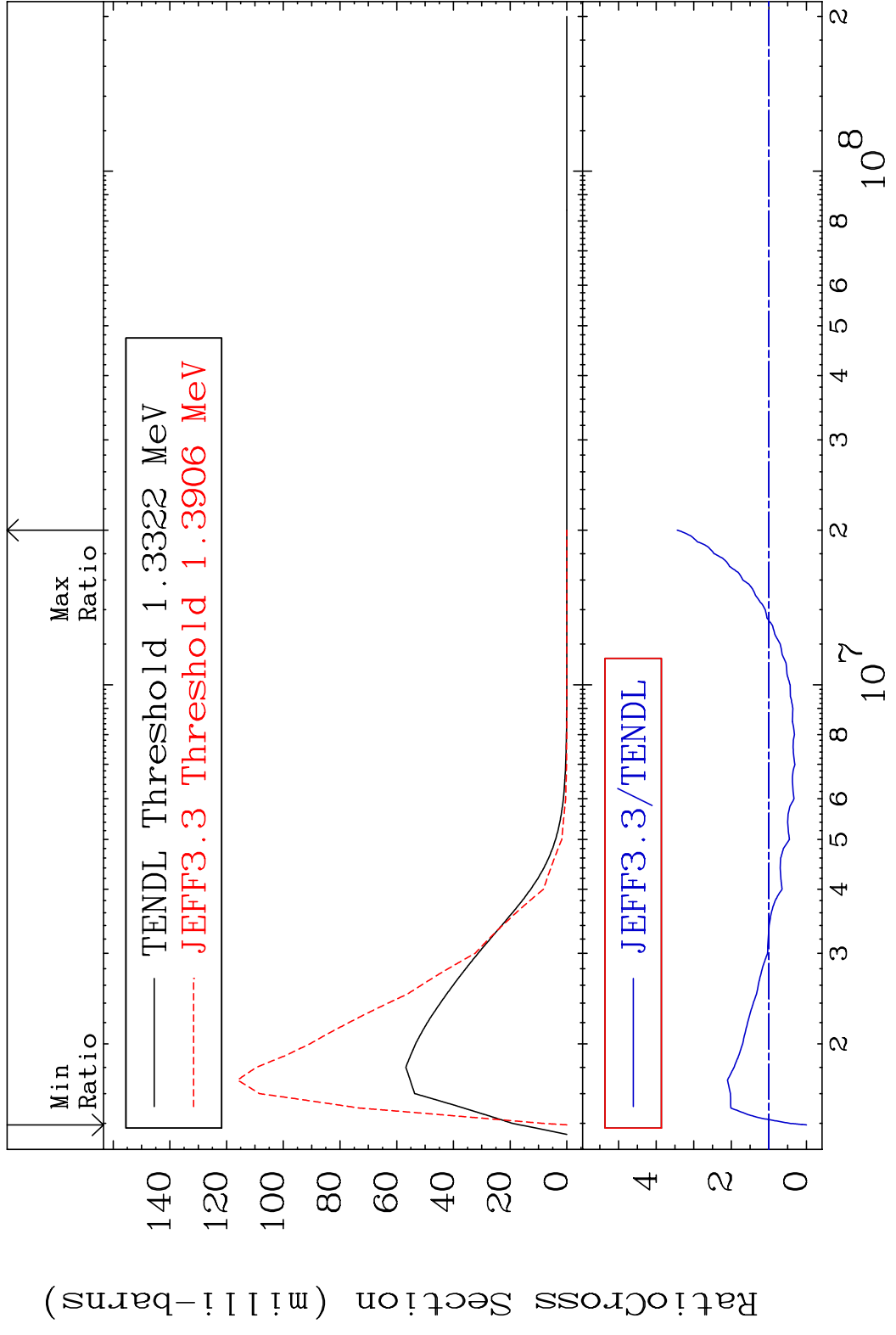
MAT 4234 MT= 61 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -33.63%



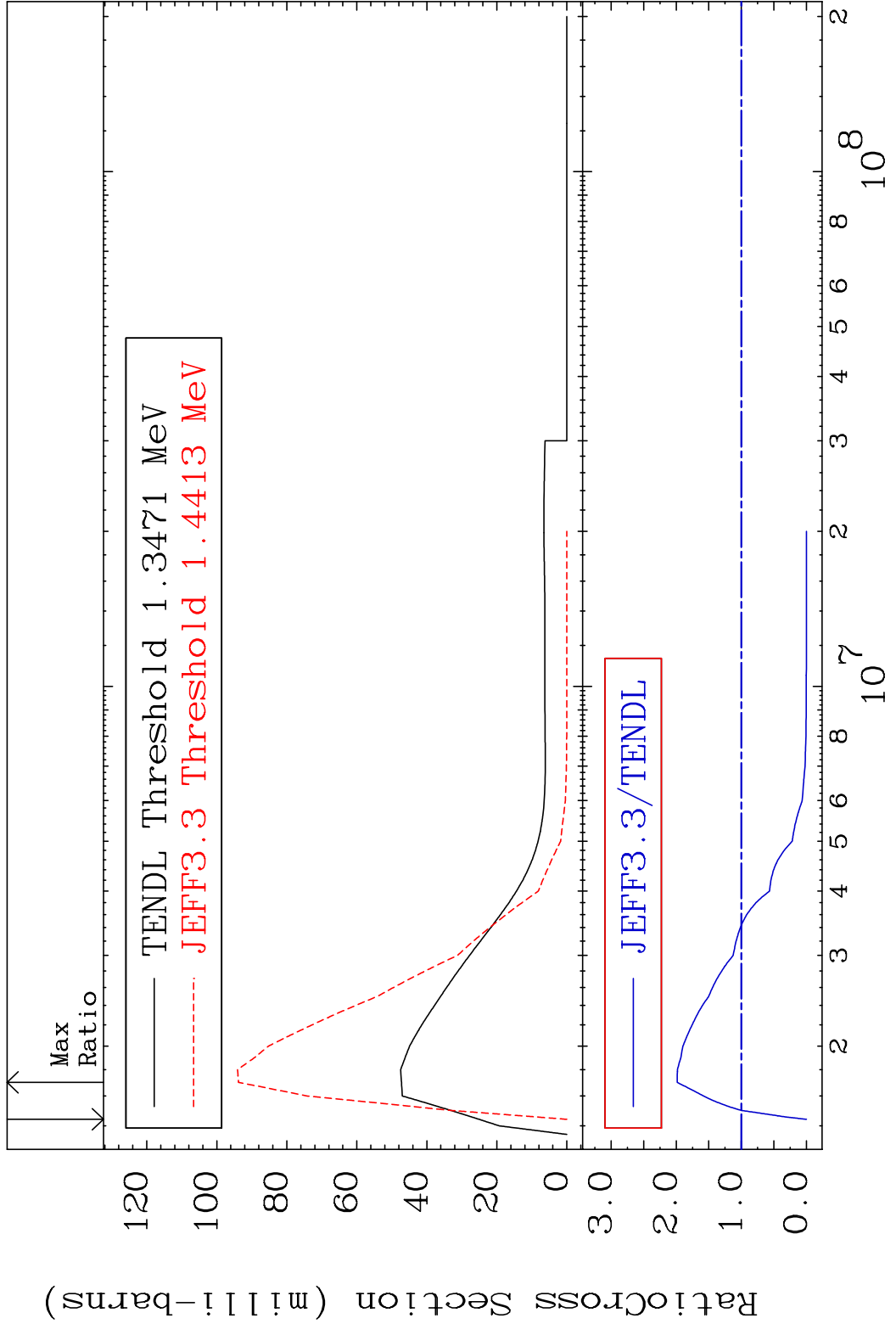
MAT 4234 MT= 62 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 158.4 %



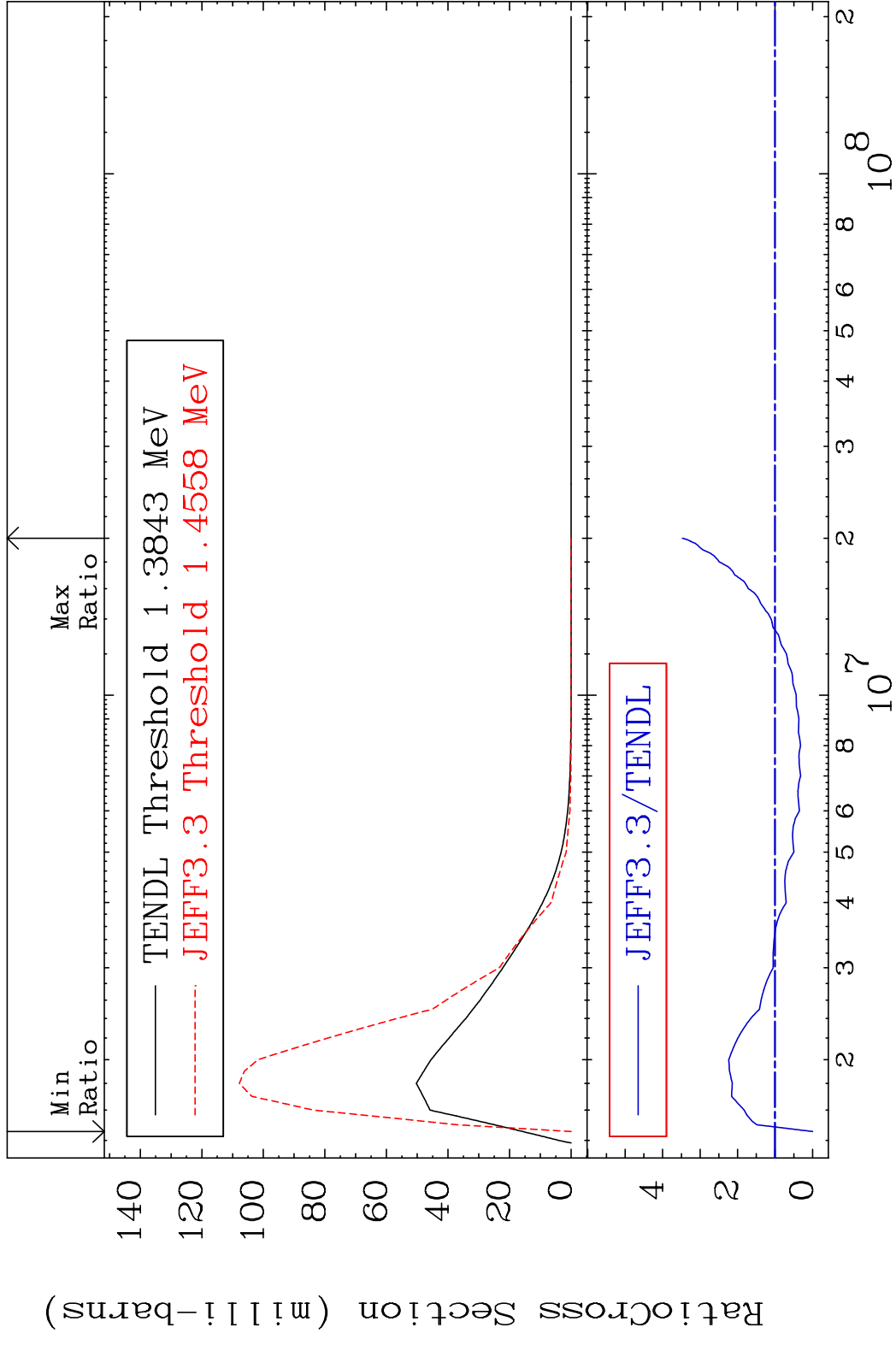
MAT 4234 MT= 63 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 243.8 %



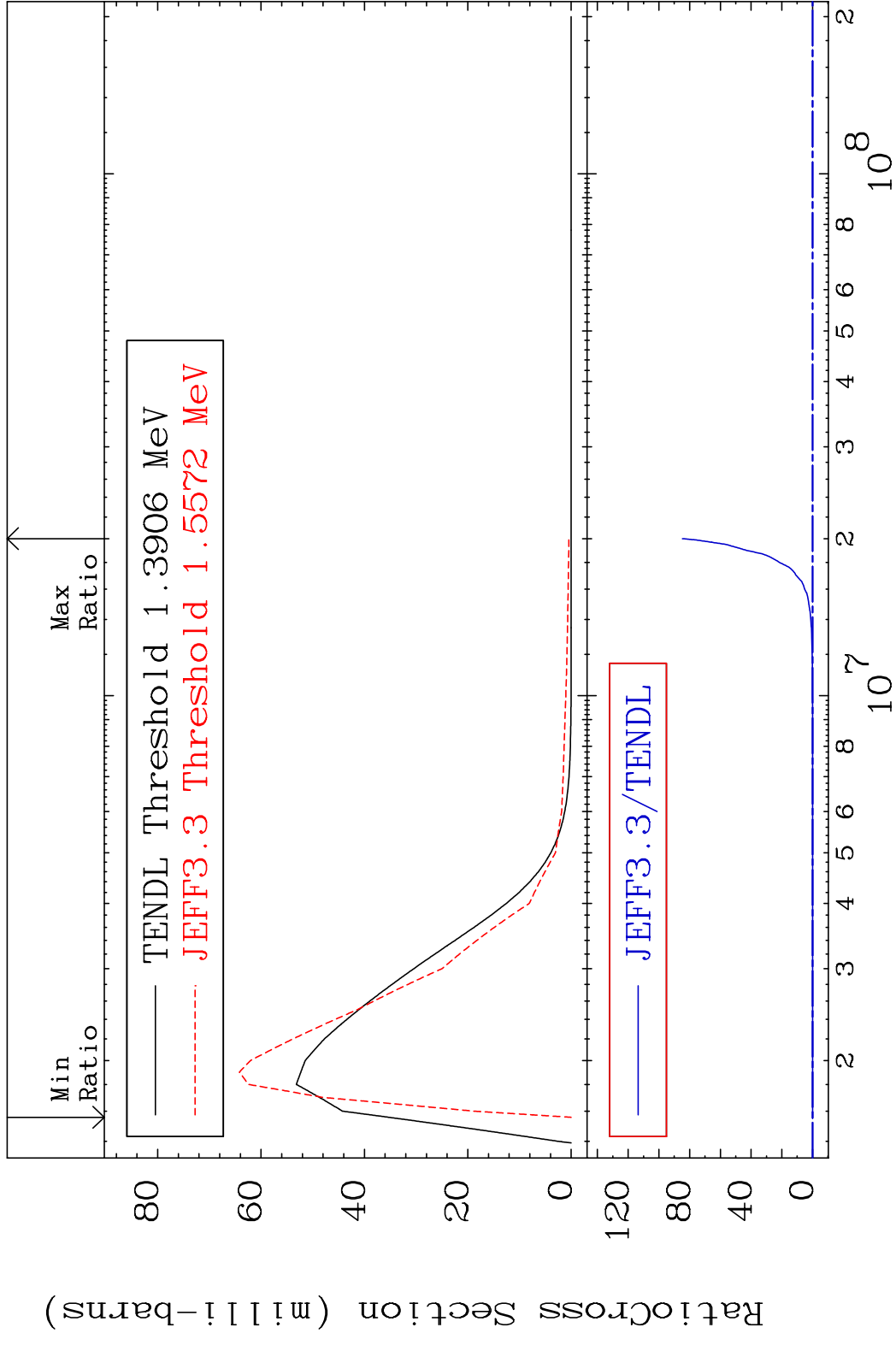
MAT 4234 MT= 64 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 98.56 %



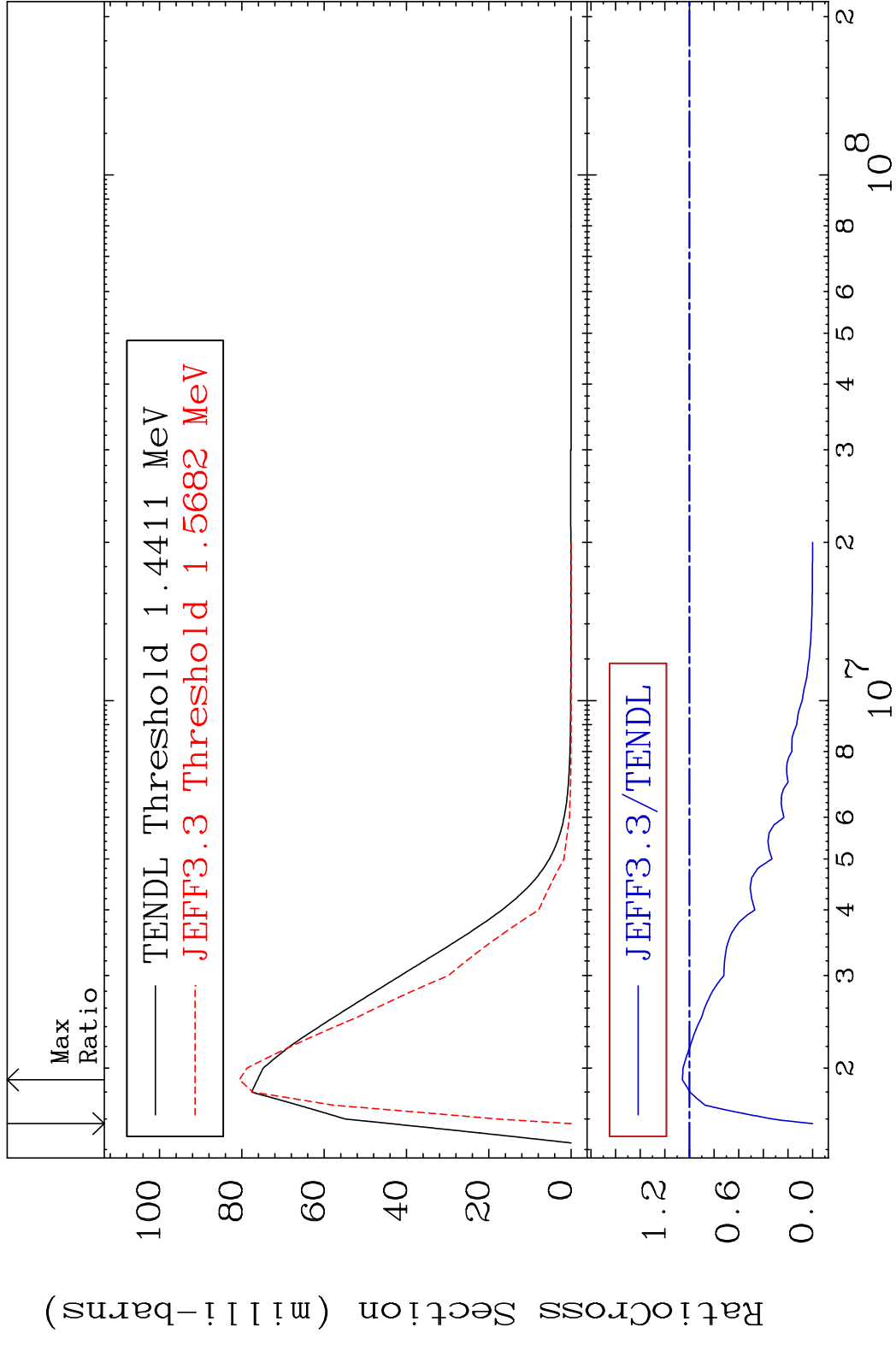
MAT 4234 MT= 65 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 247.4 %



MAT 4234 MT= 66 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 9999. %



MAT 4234 MT= 67 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 5.779 %

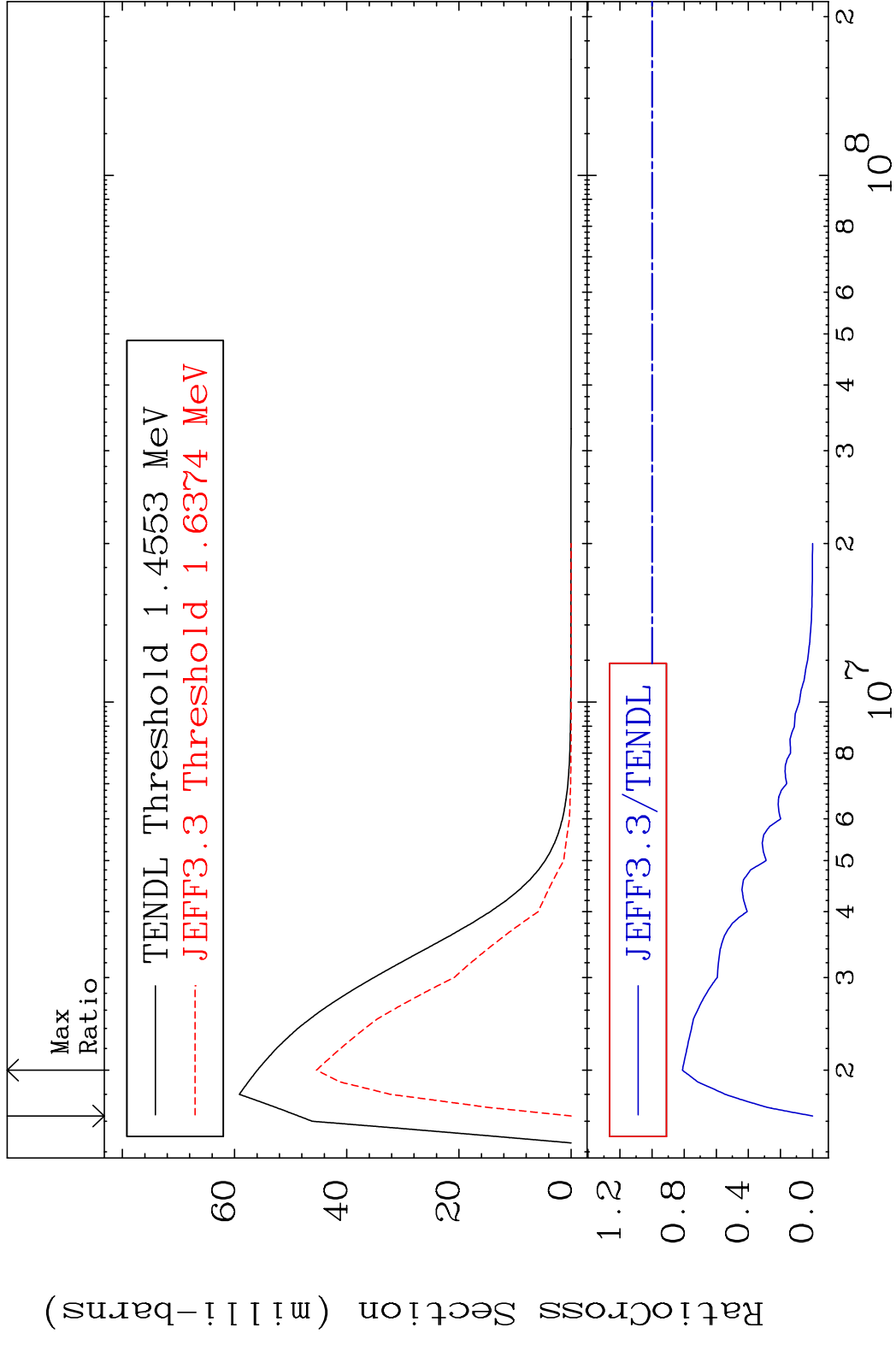


MAT 4234

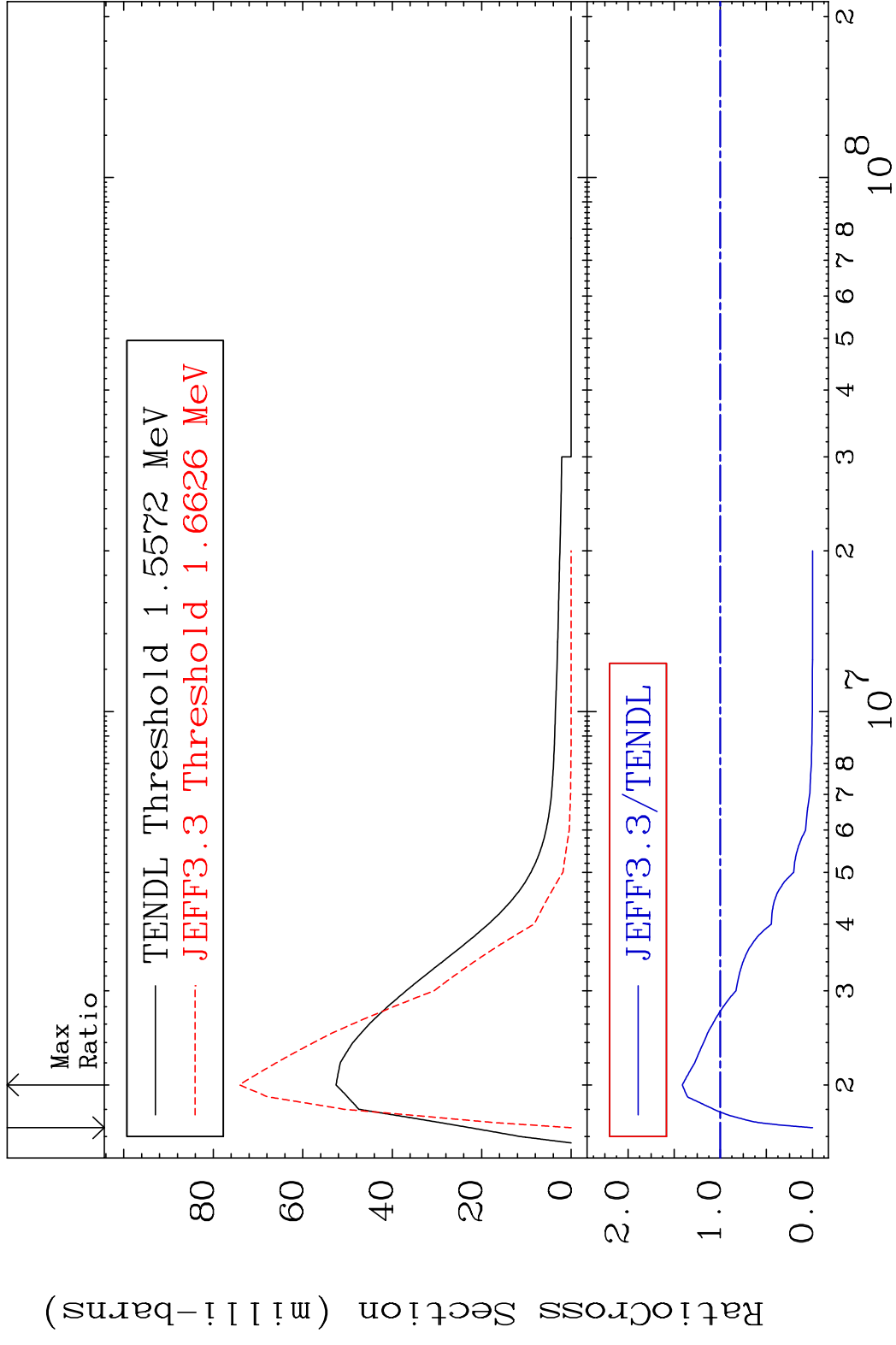
MT= 68 (n, n') Level

42-Mo-95

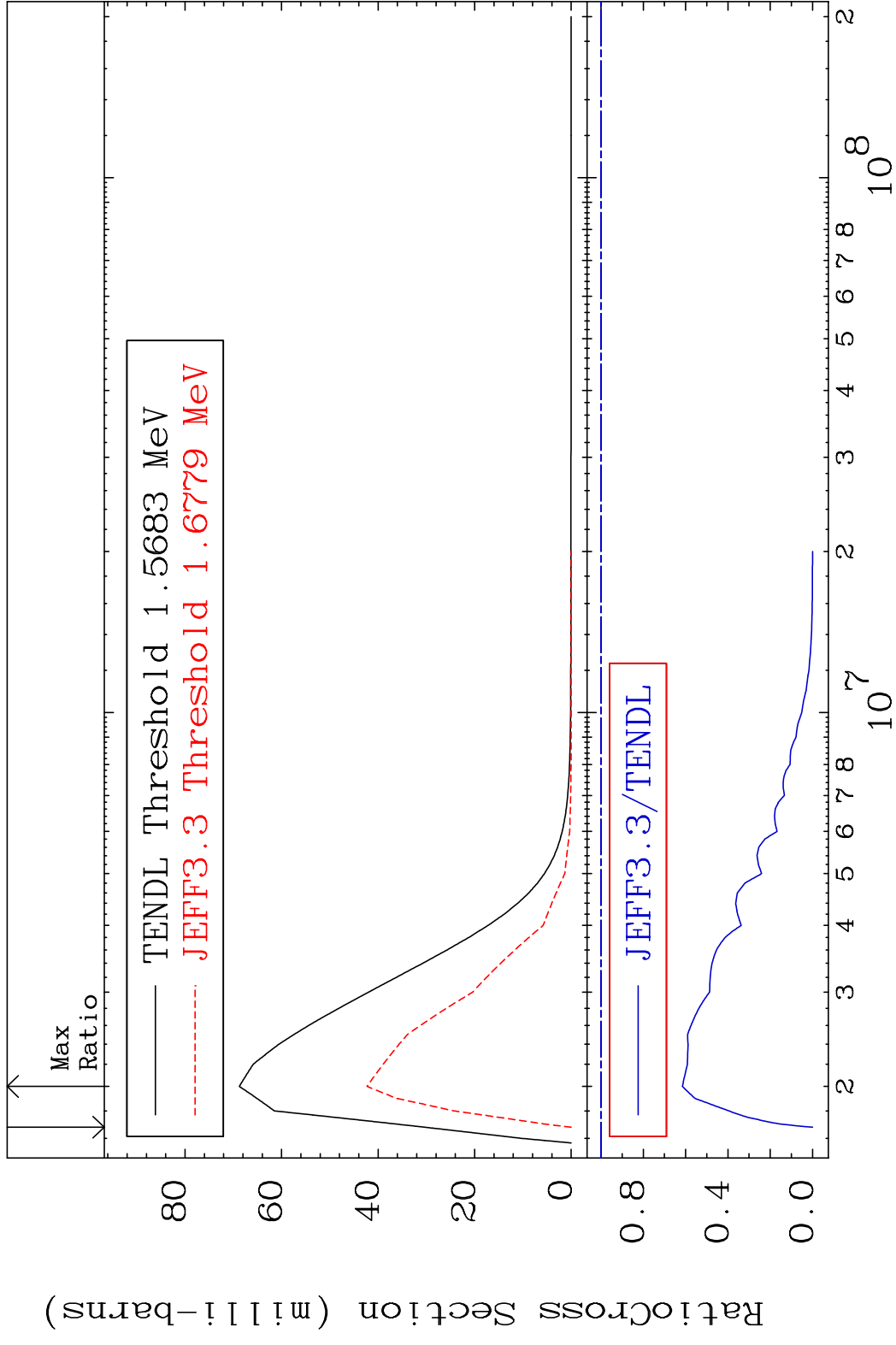
Cross Section -100.0 To -18.86%



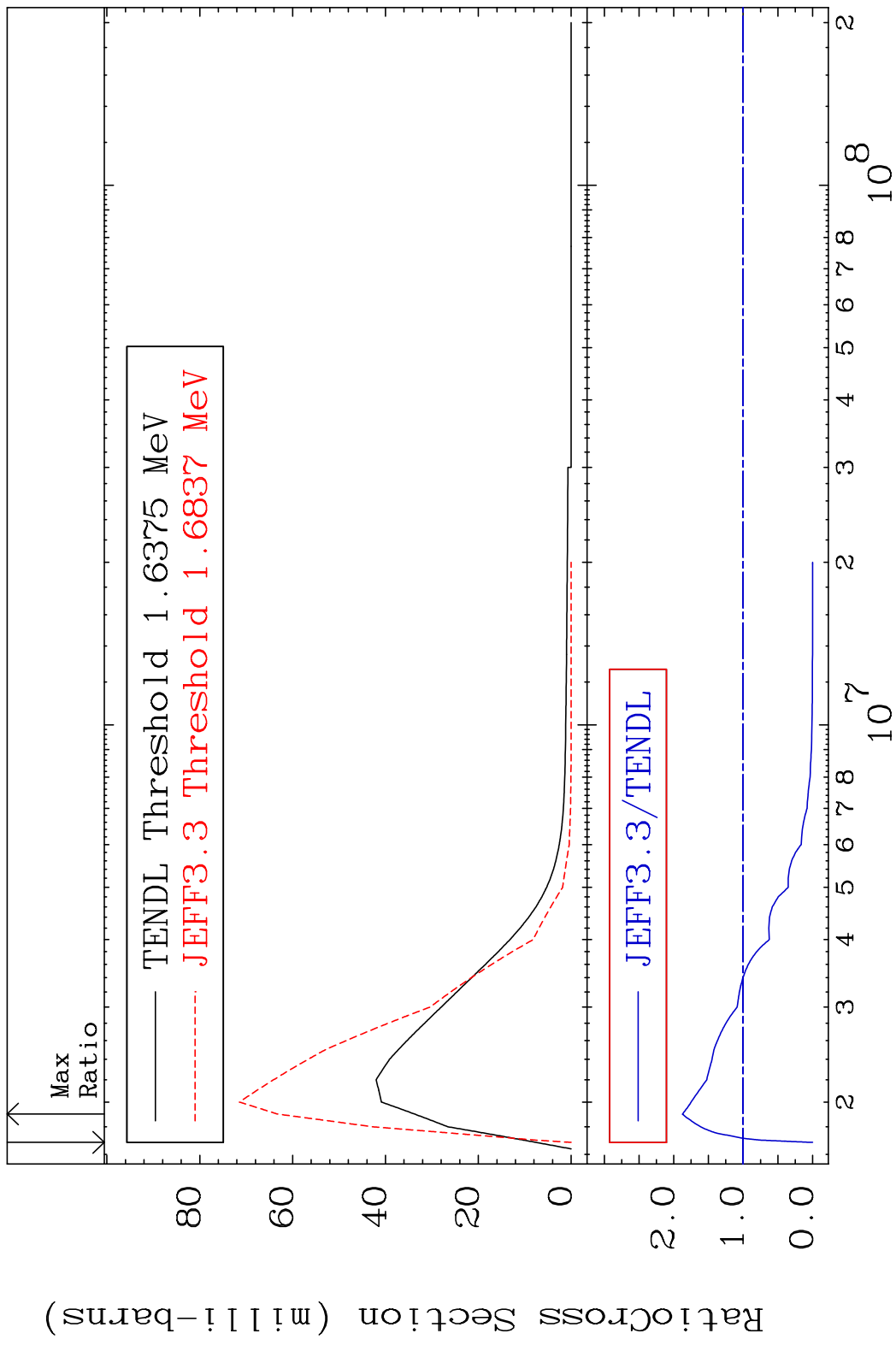
MAT 4234 MT= 69 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 41.11 %



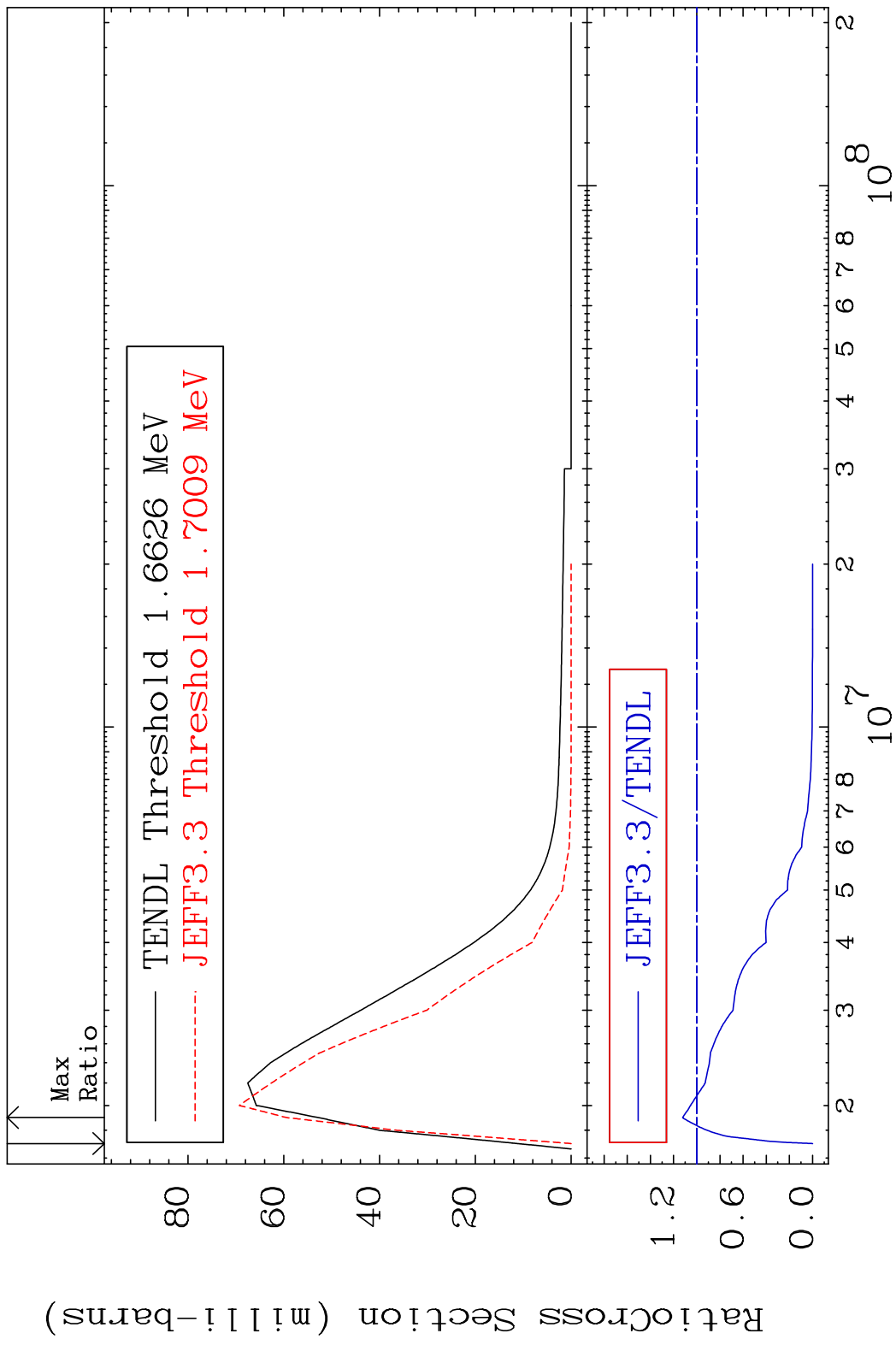
MAT 4234 MT= 70 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -38.46%



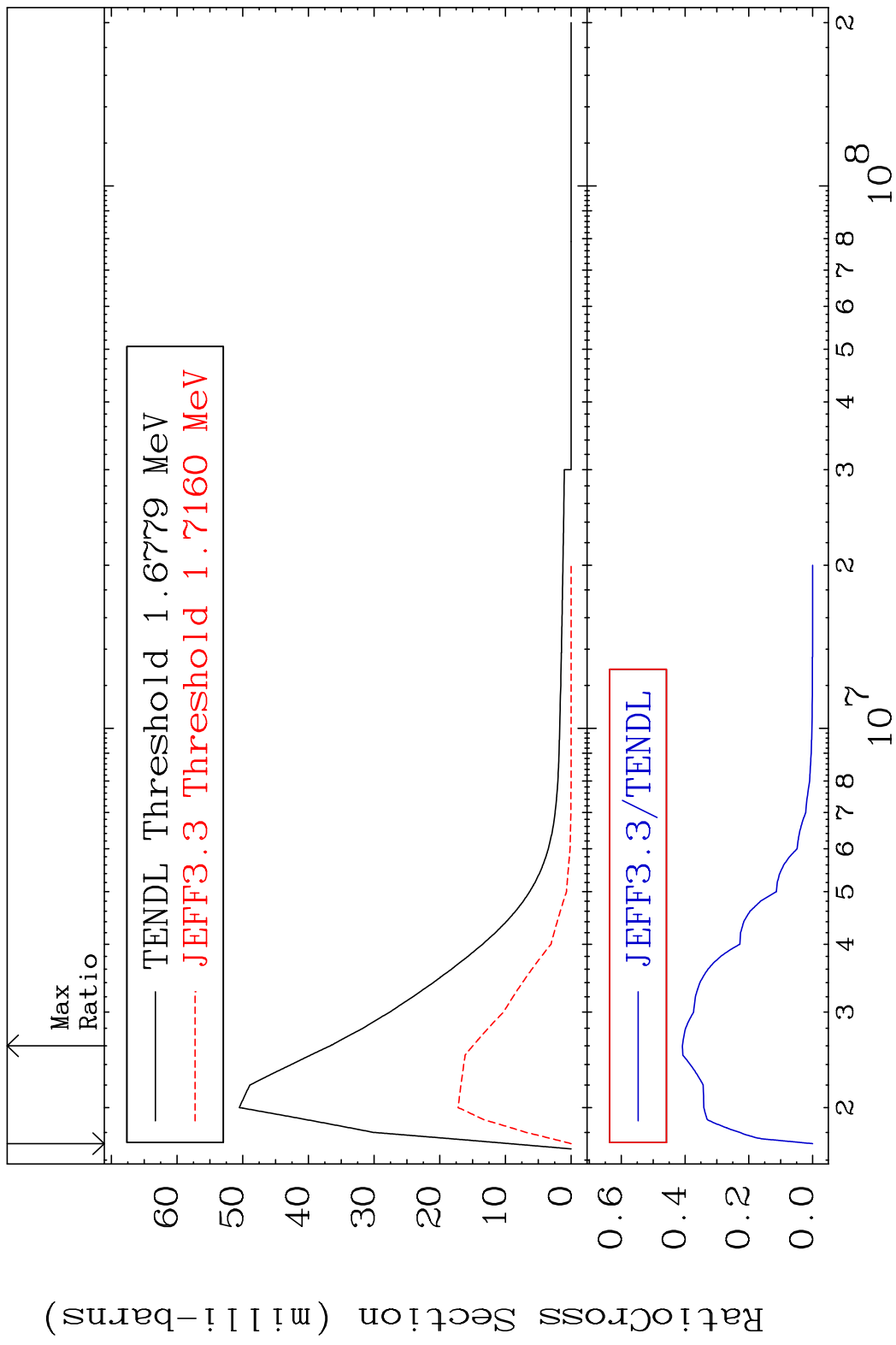
MAT 4234 MT= 71 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 87.59 %



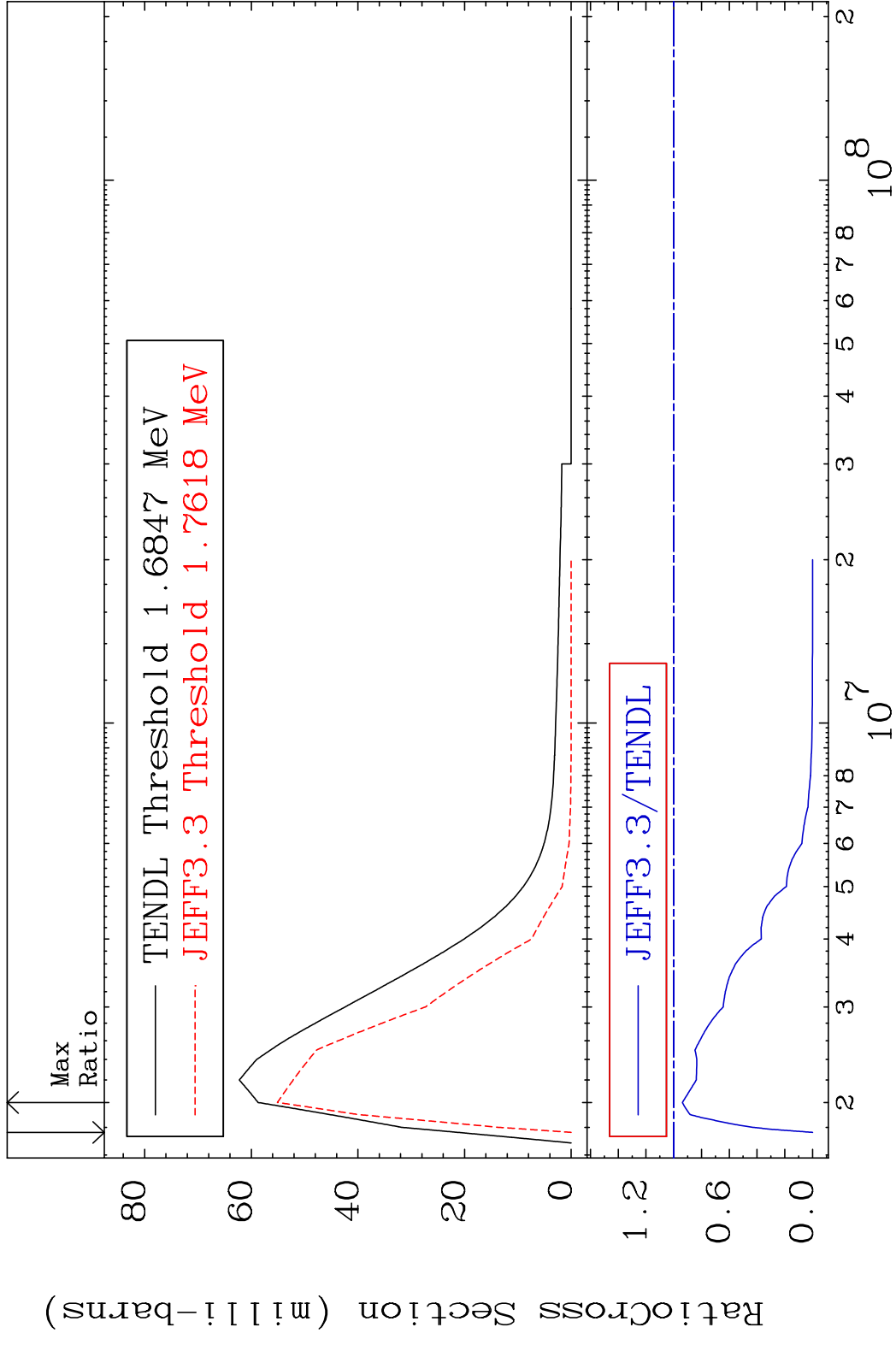
MAT 4234 MT= 72 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 12.44 %



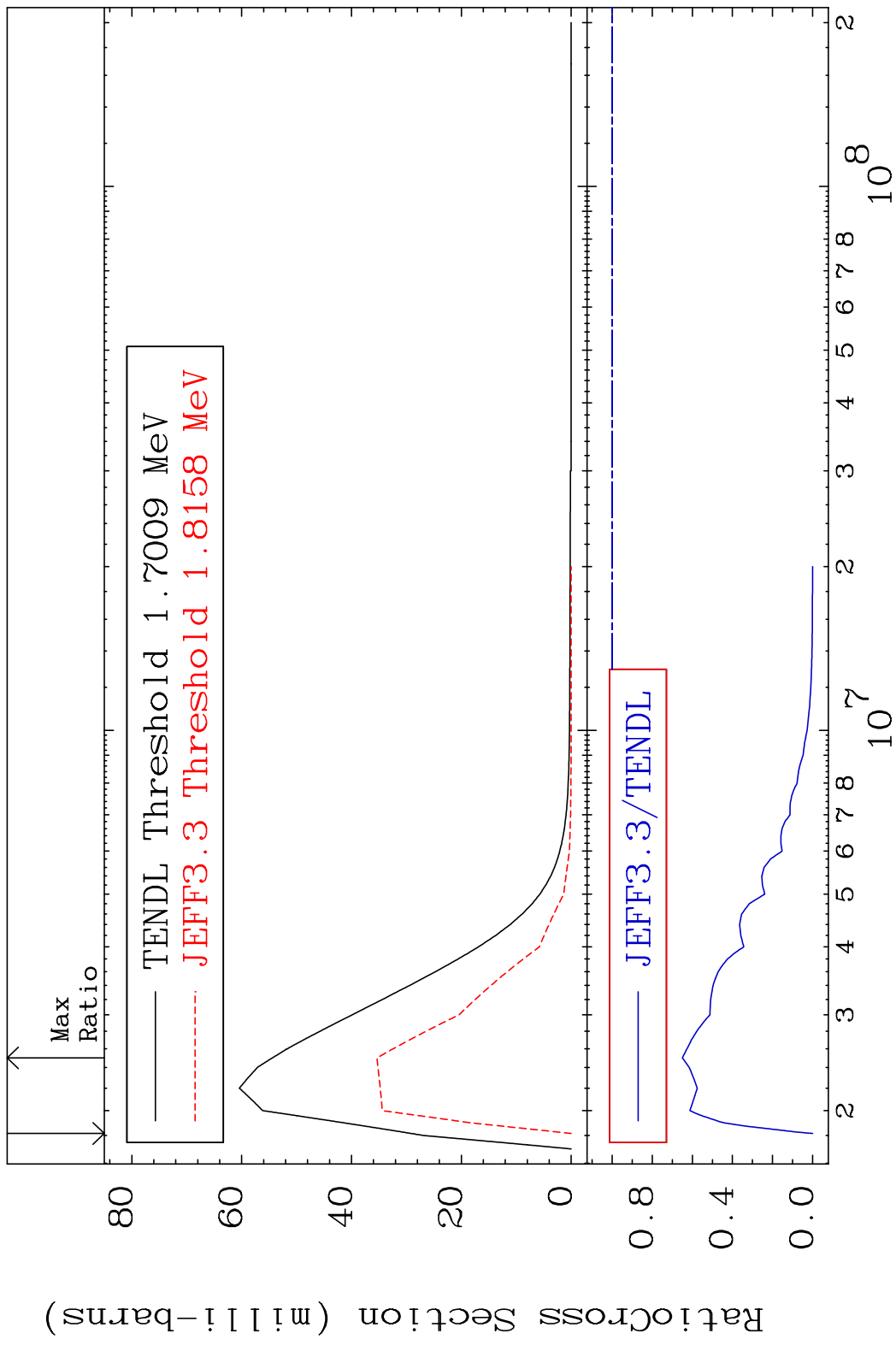
MAT 4234 MT= 73 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -59.17%



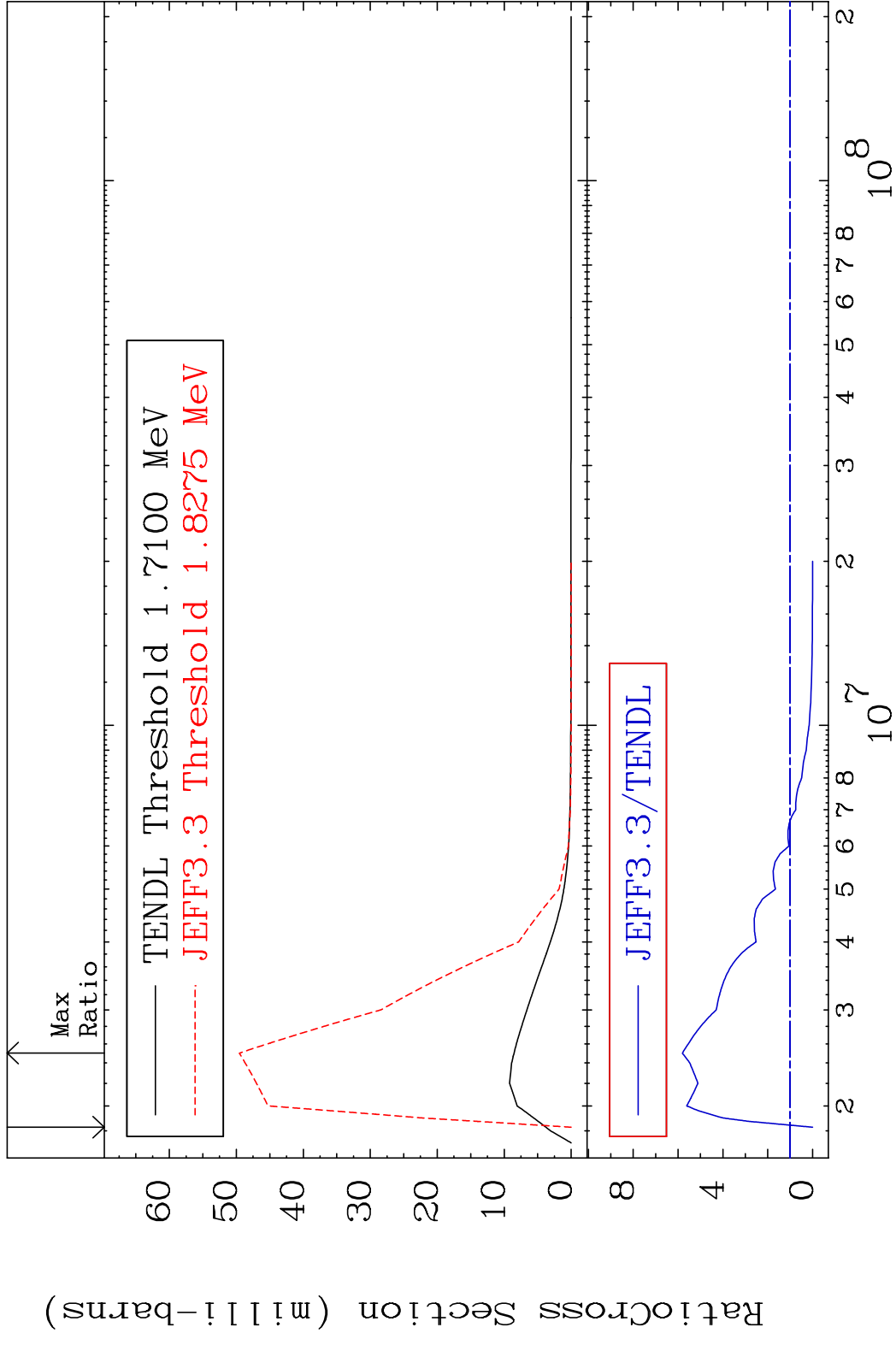
MAT 4234 MT= 74 (n,n') Level 42-Mo-95
 Cross Section -100.0 To -6.194%



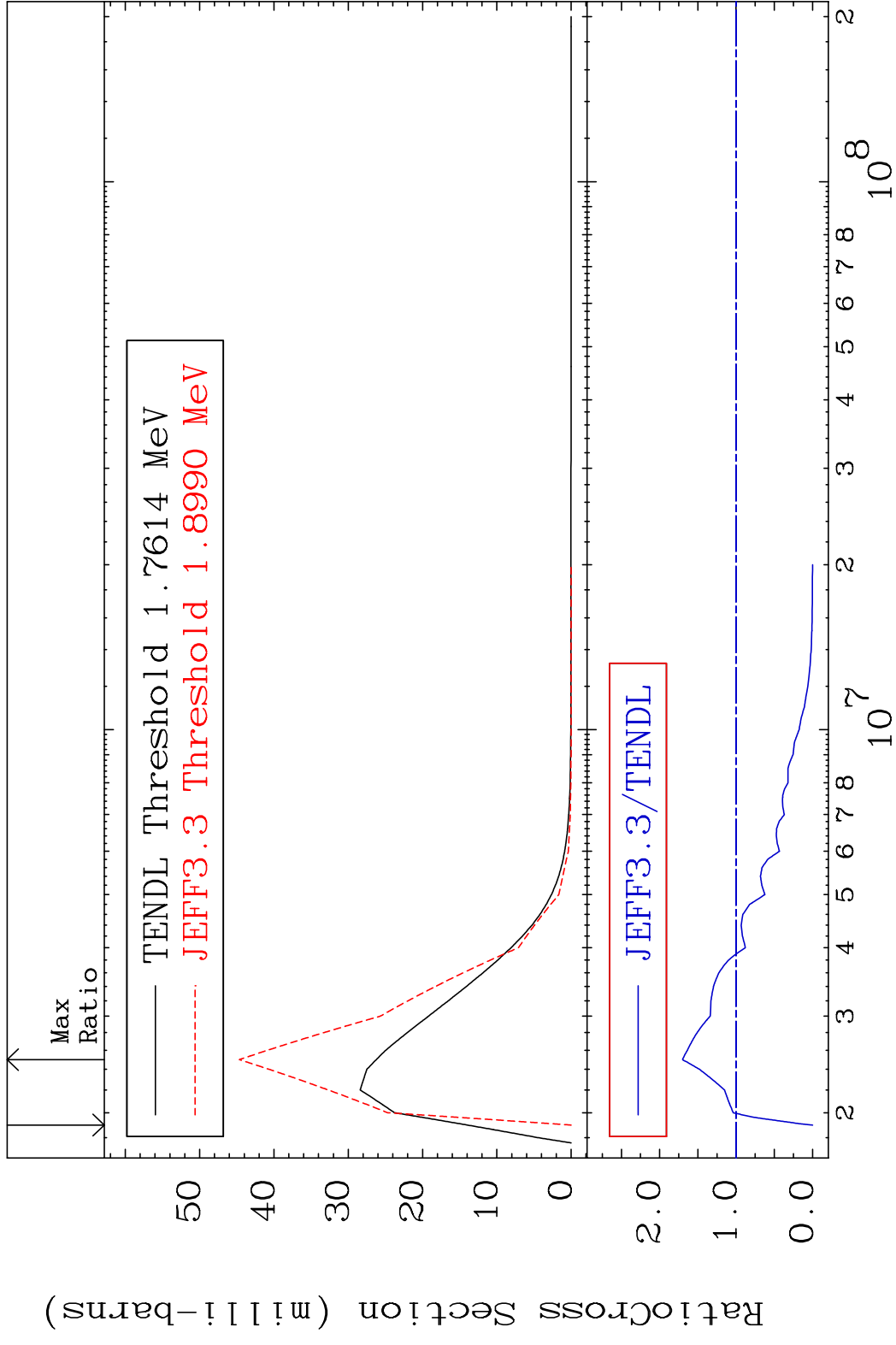
MAT 4234 MT= 75 (n, n') Level 42-Mo-95
 Cross Section -100.0 To -35.01%



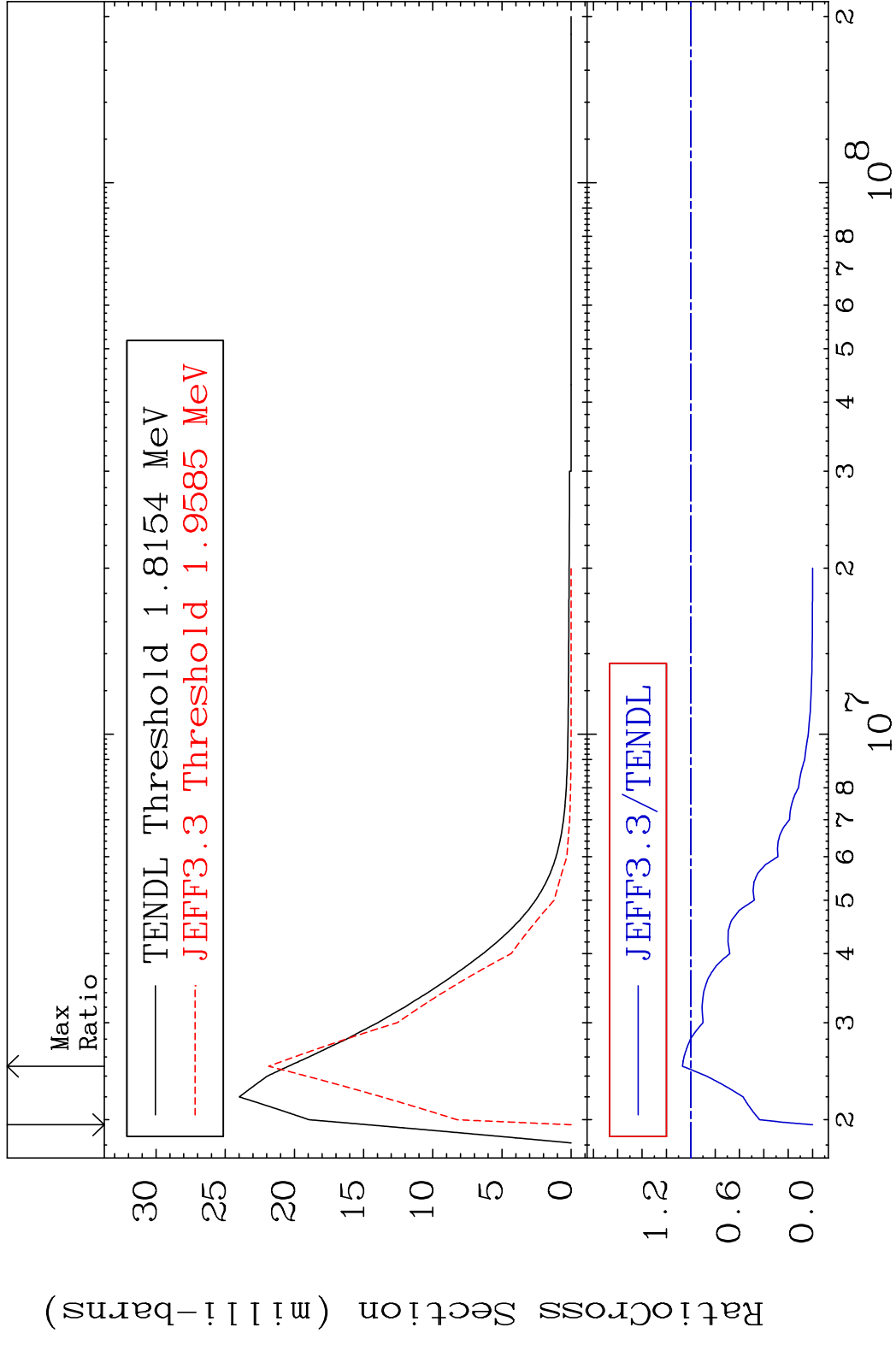
MAT 4234 MT= 76 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 480.8 %



MAT 4234 MT= 77 (n,n') Level 42-Mo-95
 Cross Section -100.0 To 70.28 %



MAT 4234 MT= 78 (n, n') Level 42-Mo-95
 Cross Section -100.0 To 6.914 %

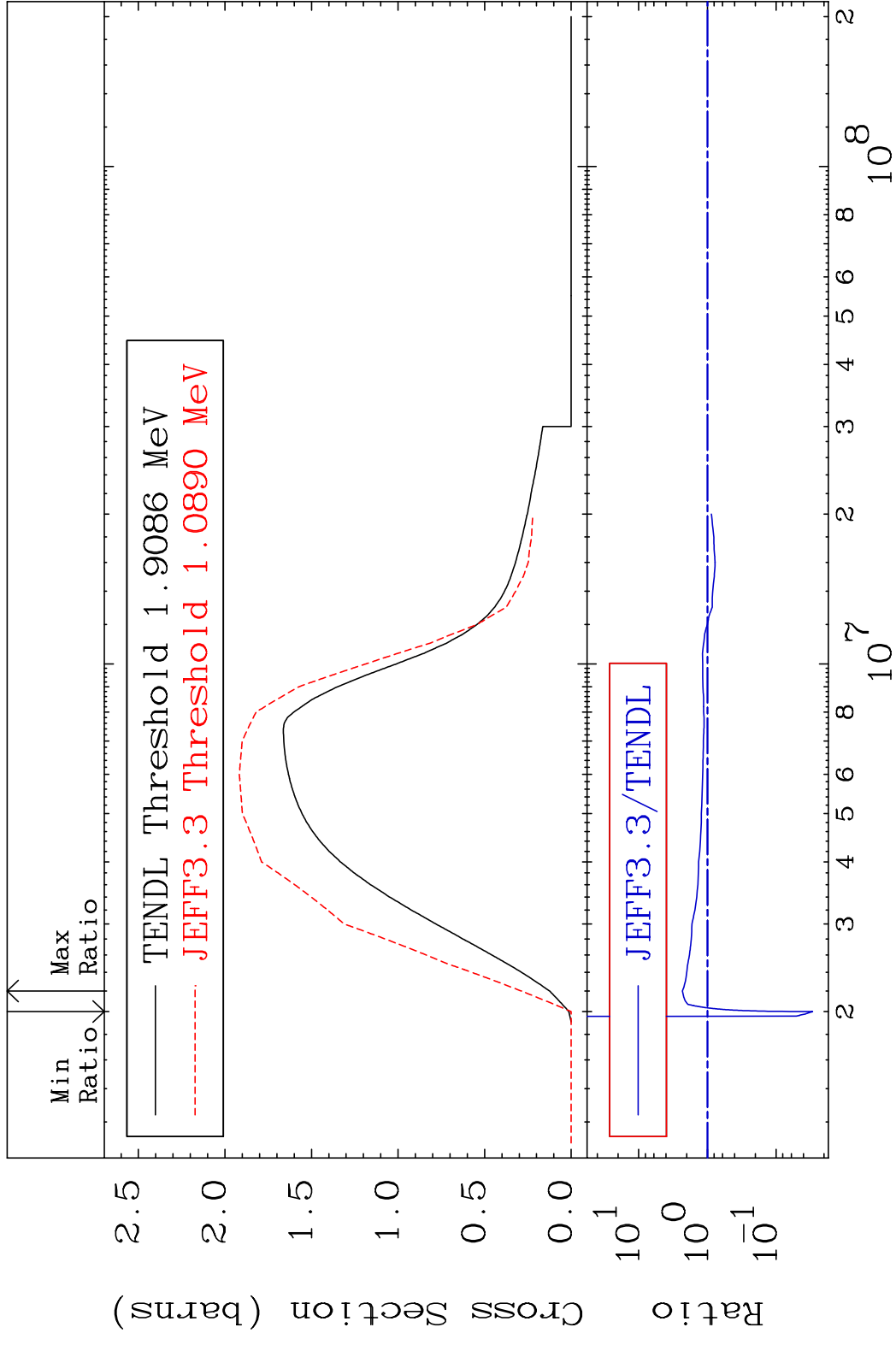


MAT 4234

(n,n') Continuum

42-Mo-95

Cross Section -97.06 To 131.5 %

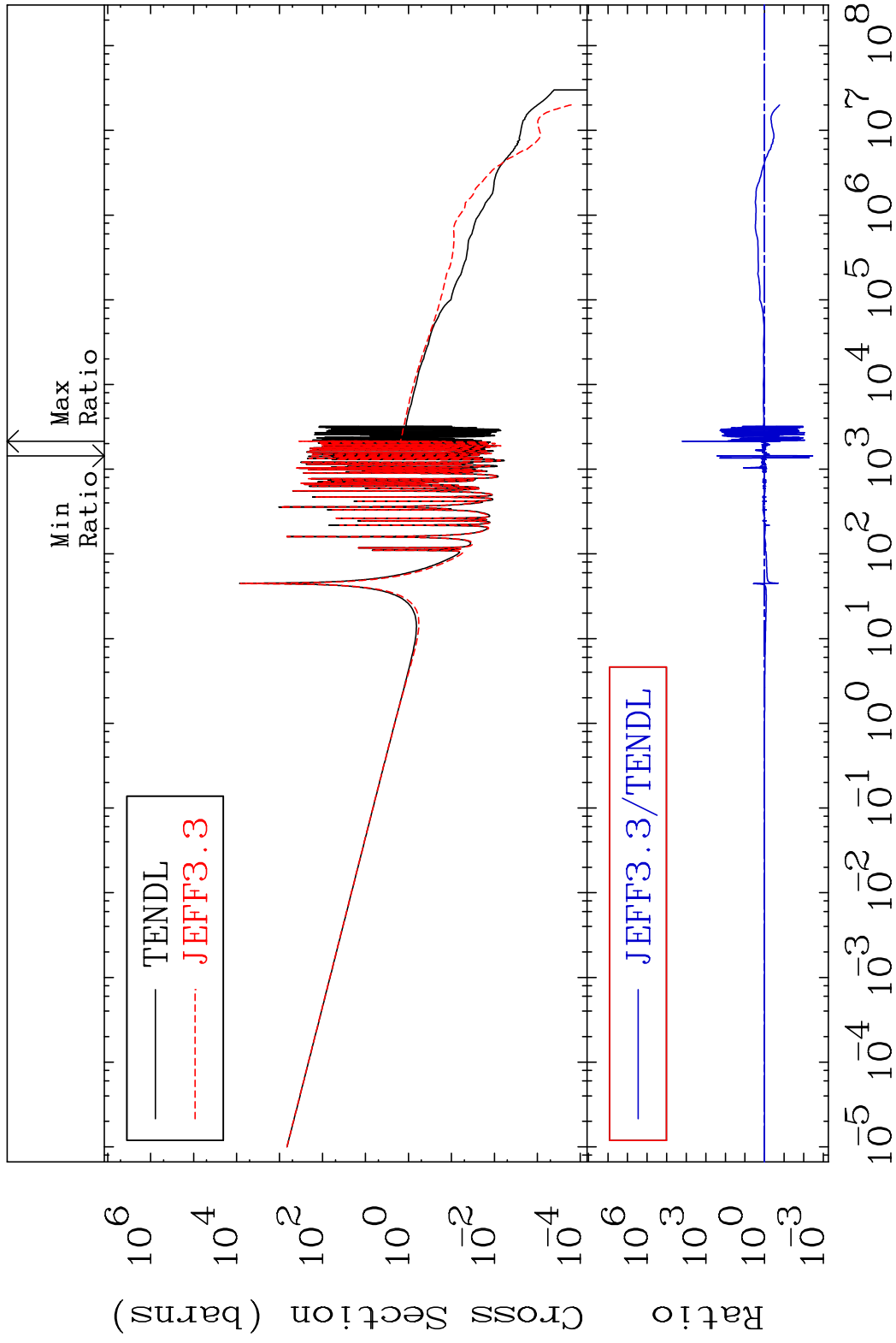


MAT 4234

(n, γ)

42-Mo-95

Cross Section -99.65 To 9999. %



39

Incident Energy (eV)

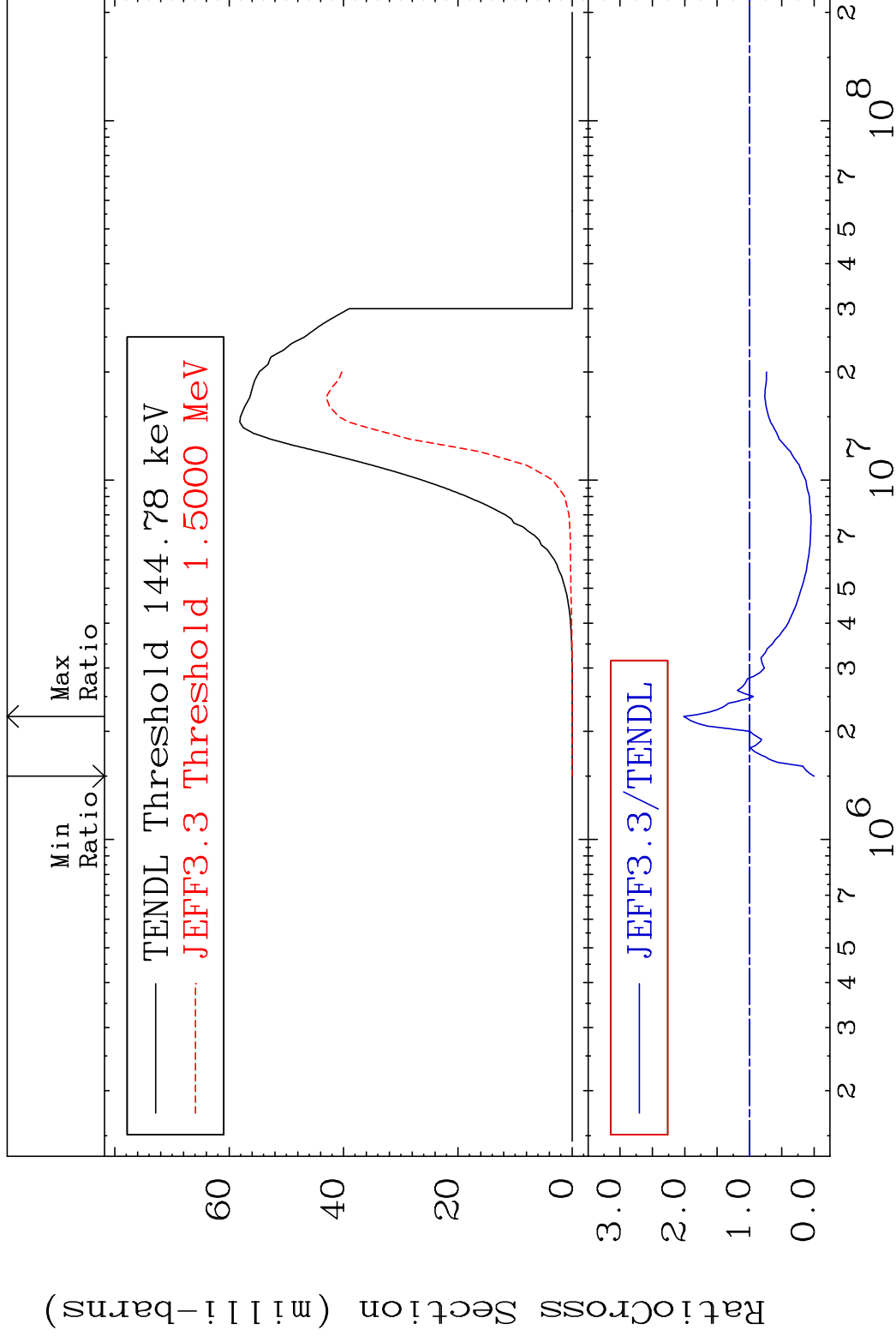
42-Mo-95

MAT 4234

(n, p)

42-Mo-95

Cross Section -100.0 To 101.7 %



40

Incident Energy (eV)

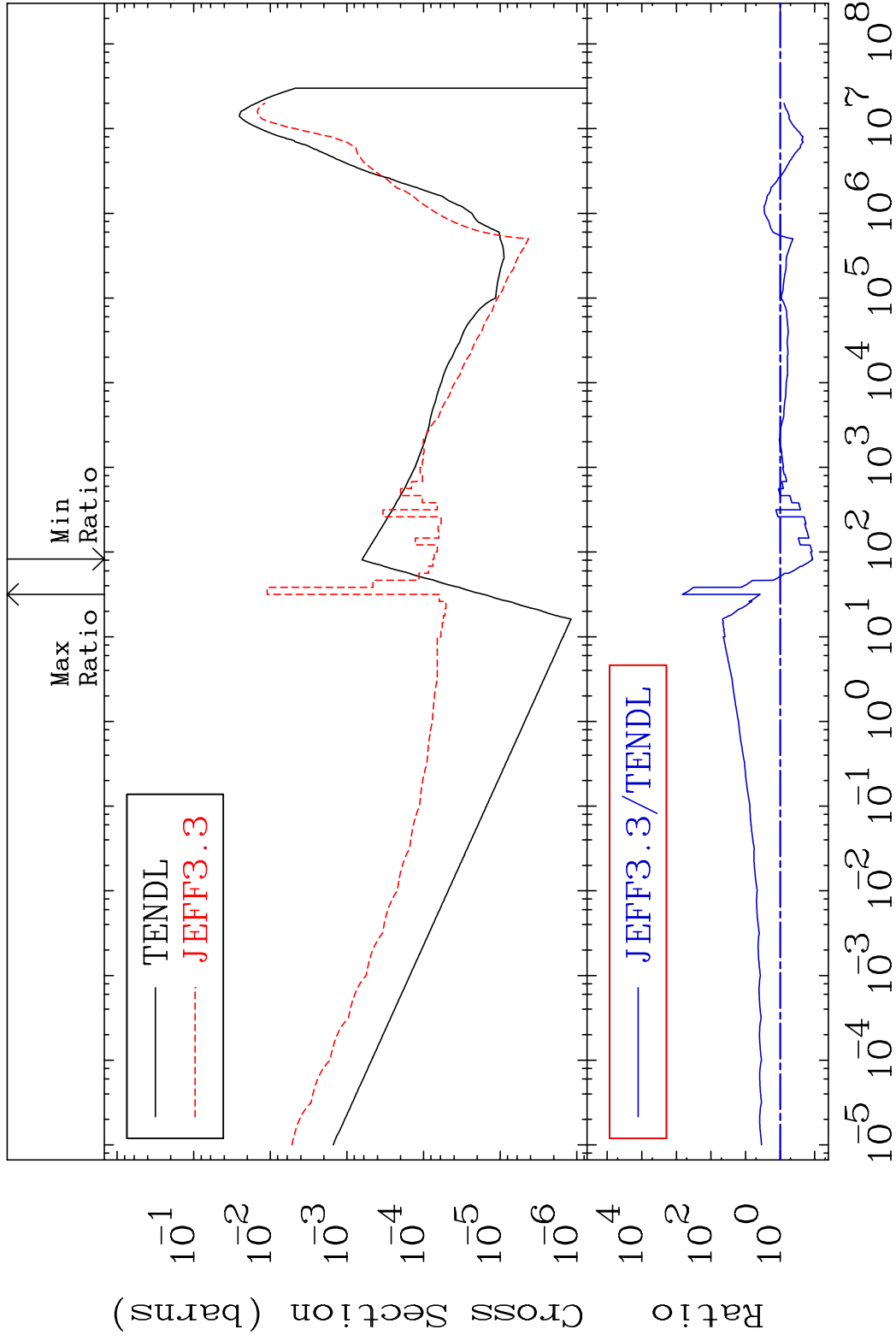
42-Mo-95

MAT 4234

(n, α)

42-Mo-95

Cross Section -88.42 To 9999. %



41

Incident Energy (eV)

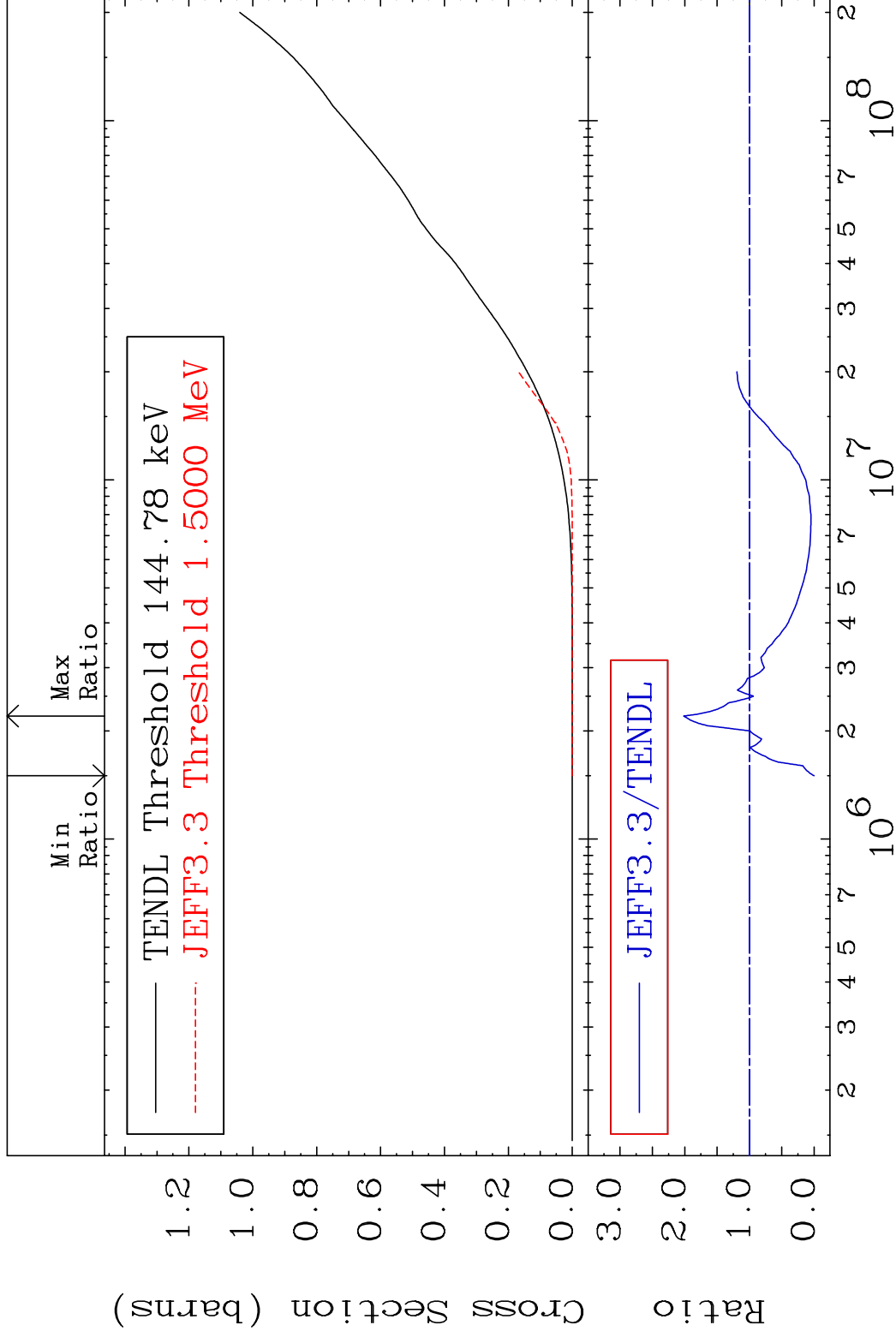
42-Mo-95

MAT 4234

Hydrogen Production

42-Mo-95

Cross Section -100.0 To 101.7 %



42

Incident Energy (eV)

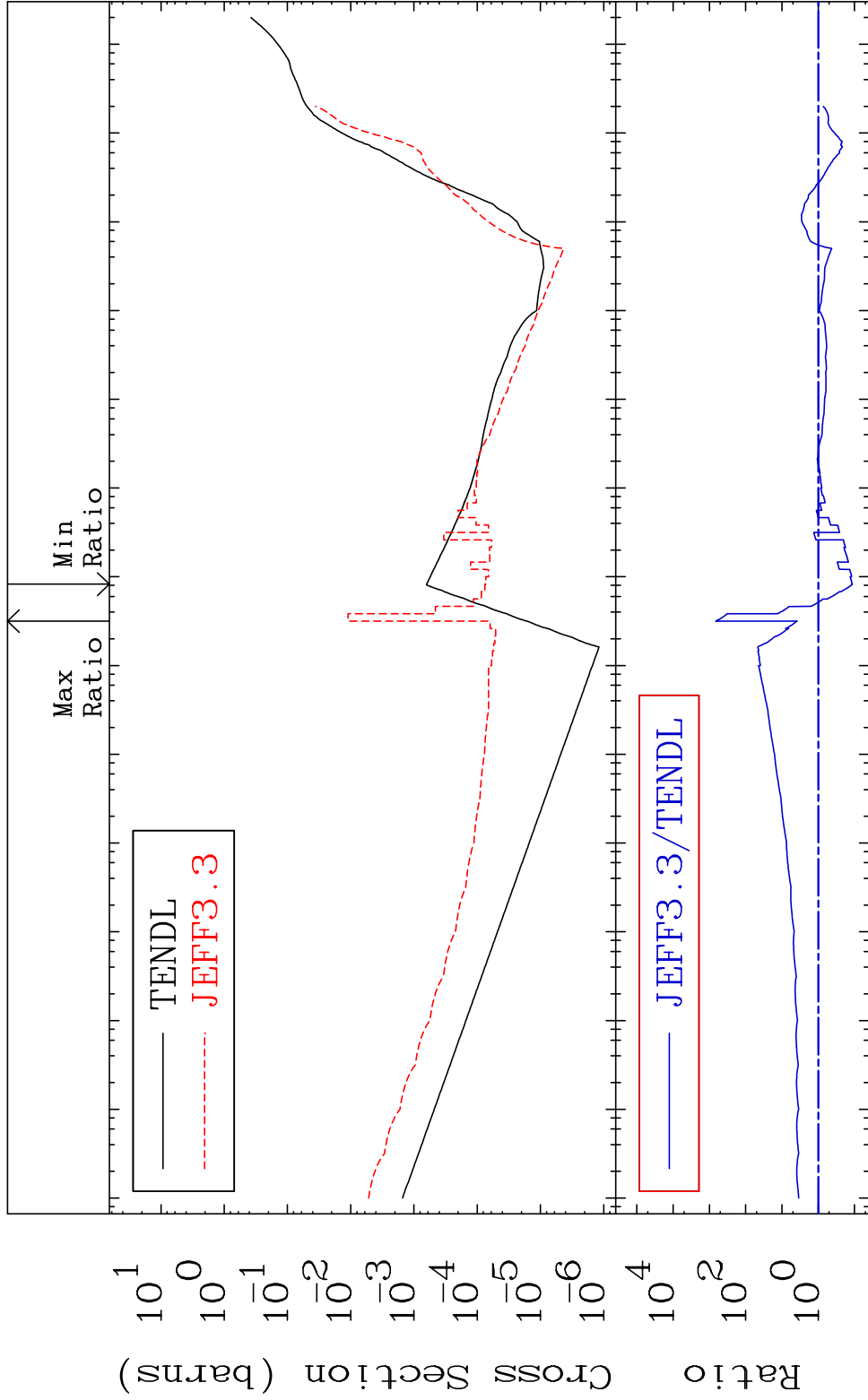
42-Mo-95

MAT 4234

He-4 Production

42-Mo-95

Cross Section -88.42 To 9999. %



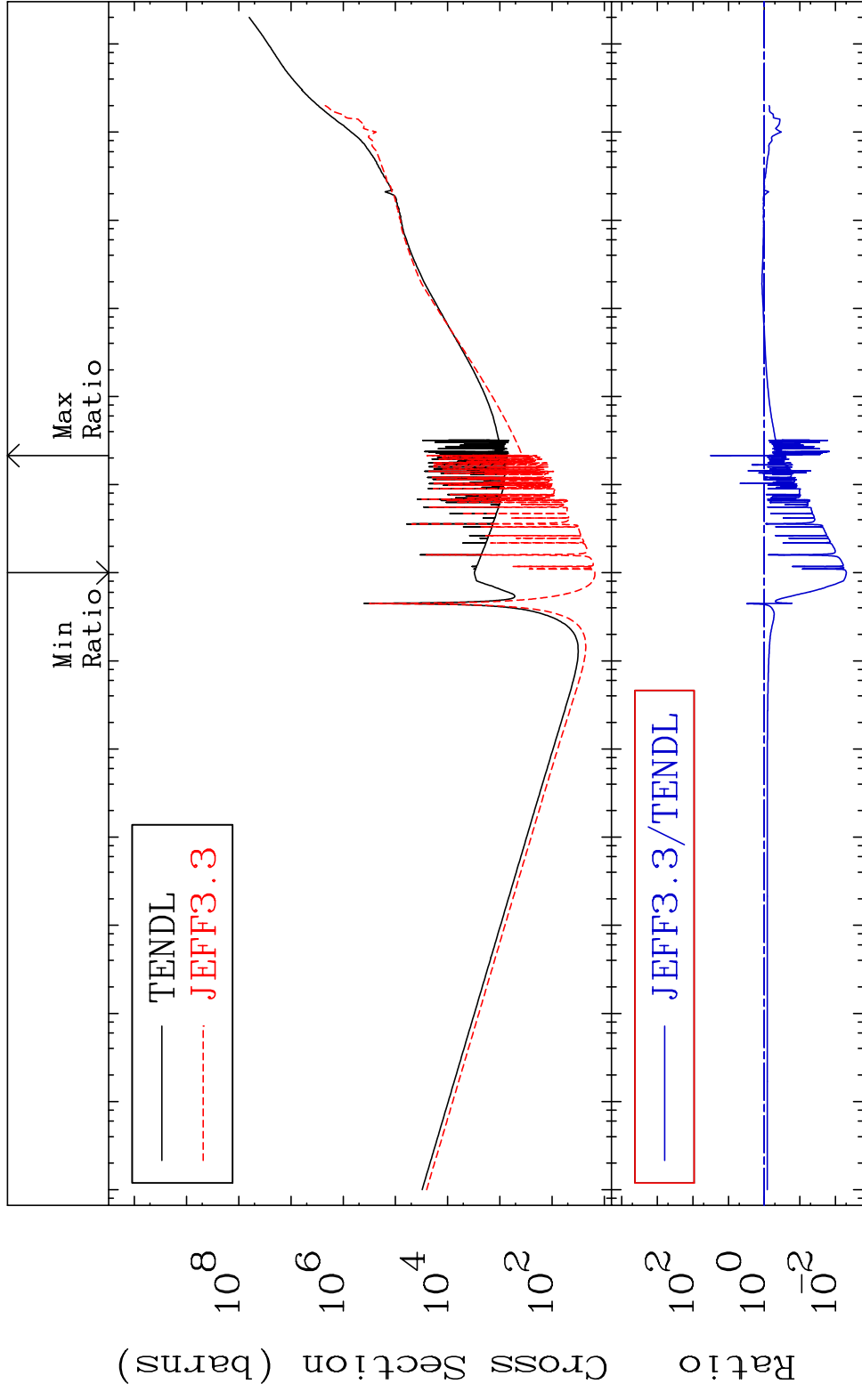
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

43

Incident Energy (eV)

42-Mo-95

MAT 4234 Kerma total (eV-barns) 42-Mo-95
 Cross Section -99.51 To 3072. %

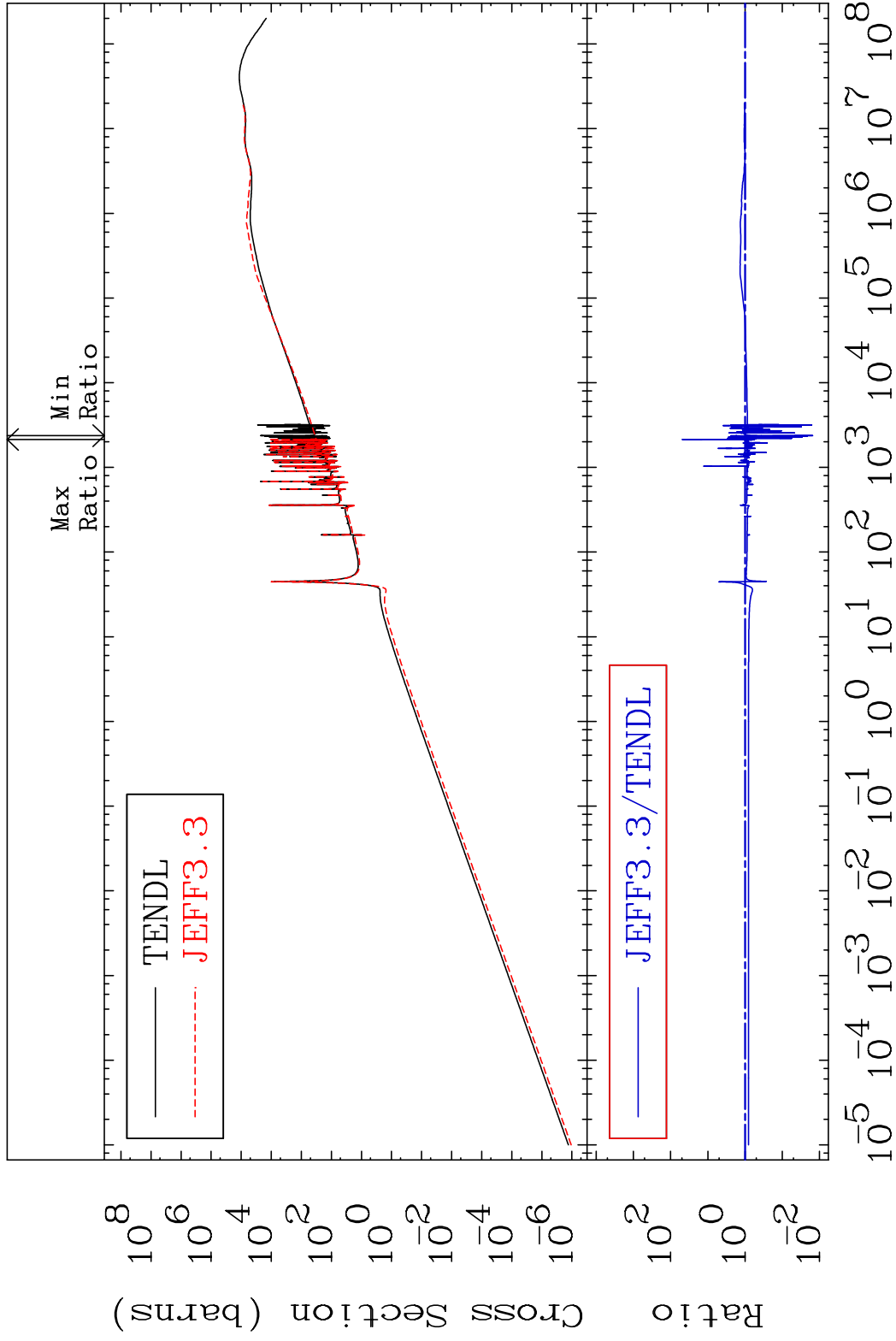


MAT 4234

Kerma elastic

42-Mo-95

Cross Section -98.47 To 4741. %

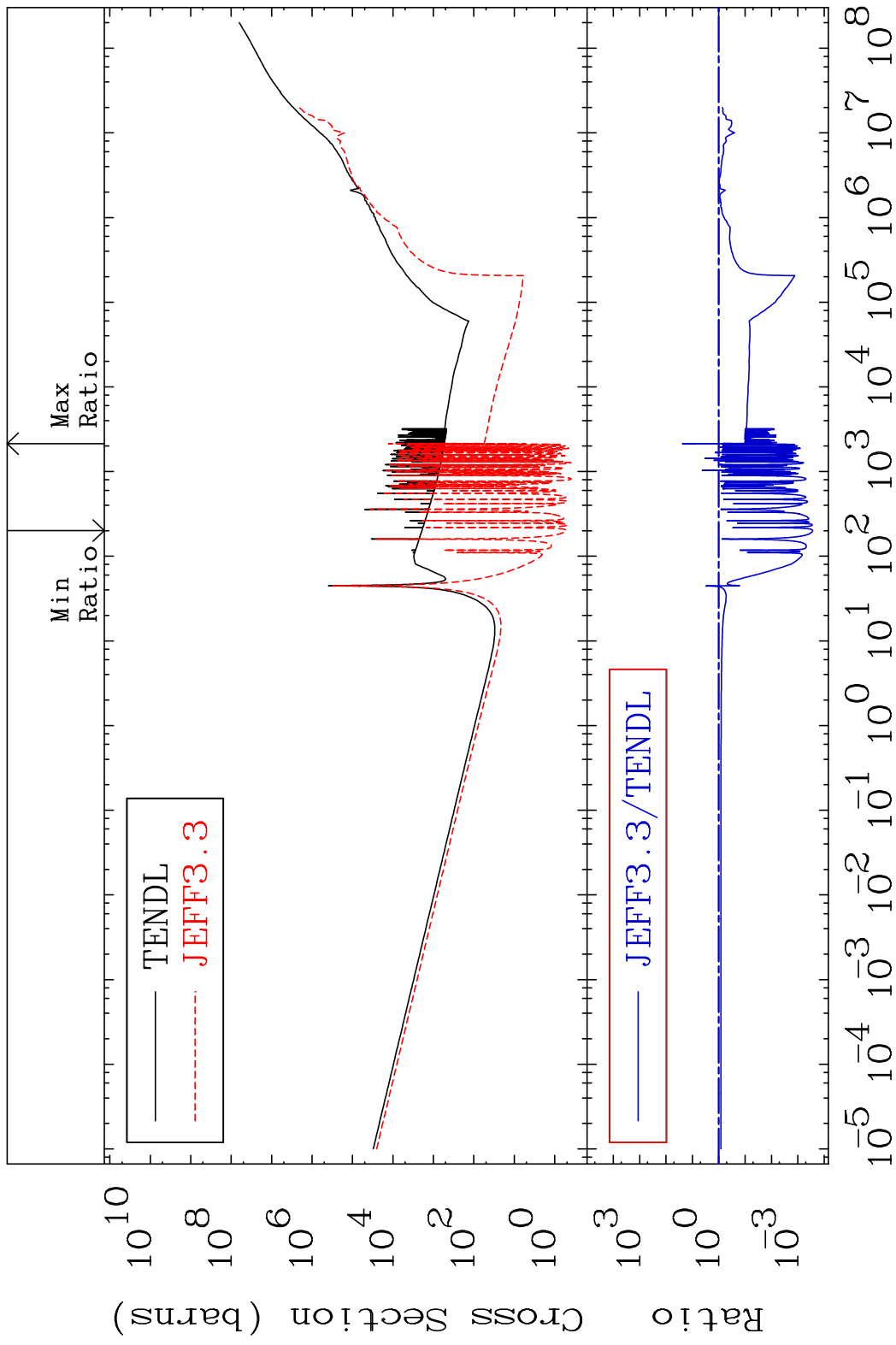


45

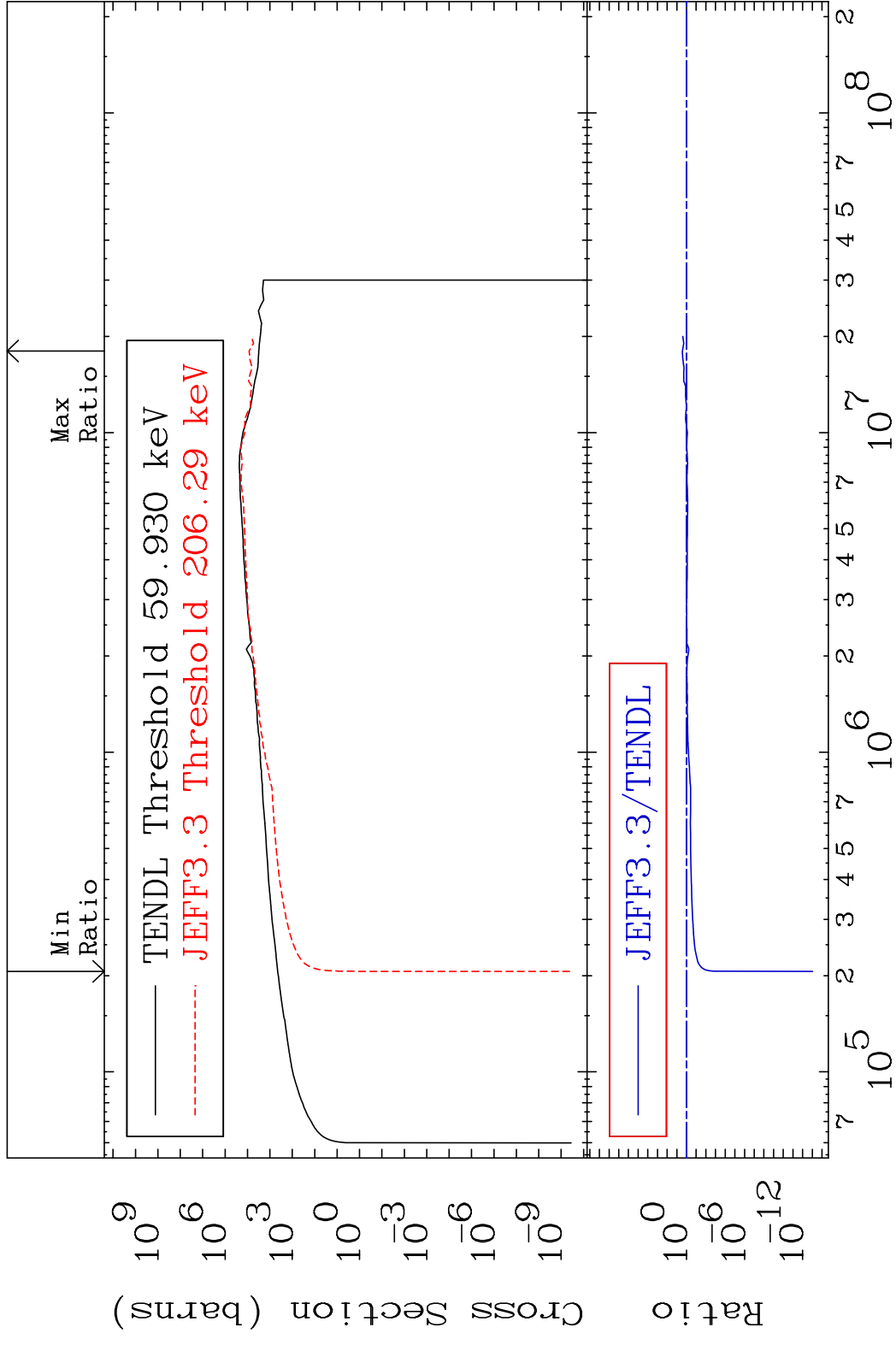
Incident Energy (eV)

42-Mo-95

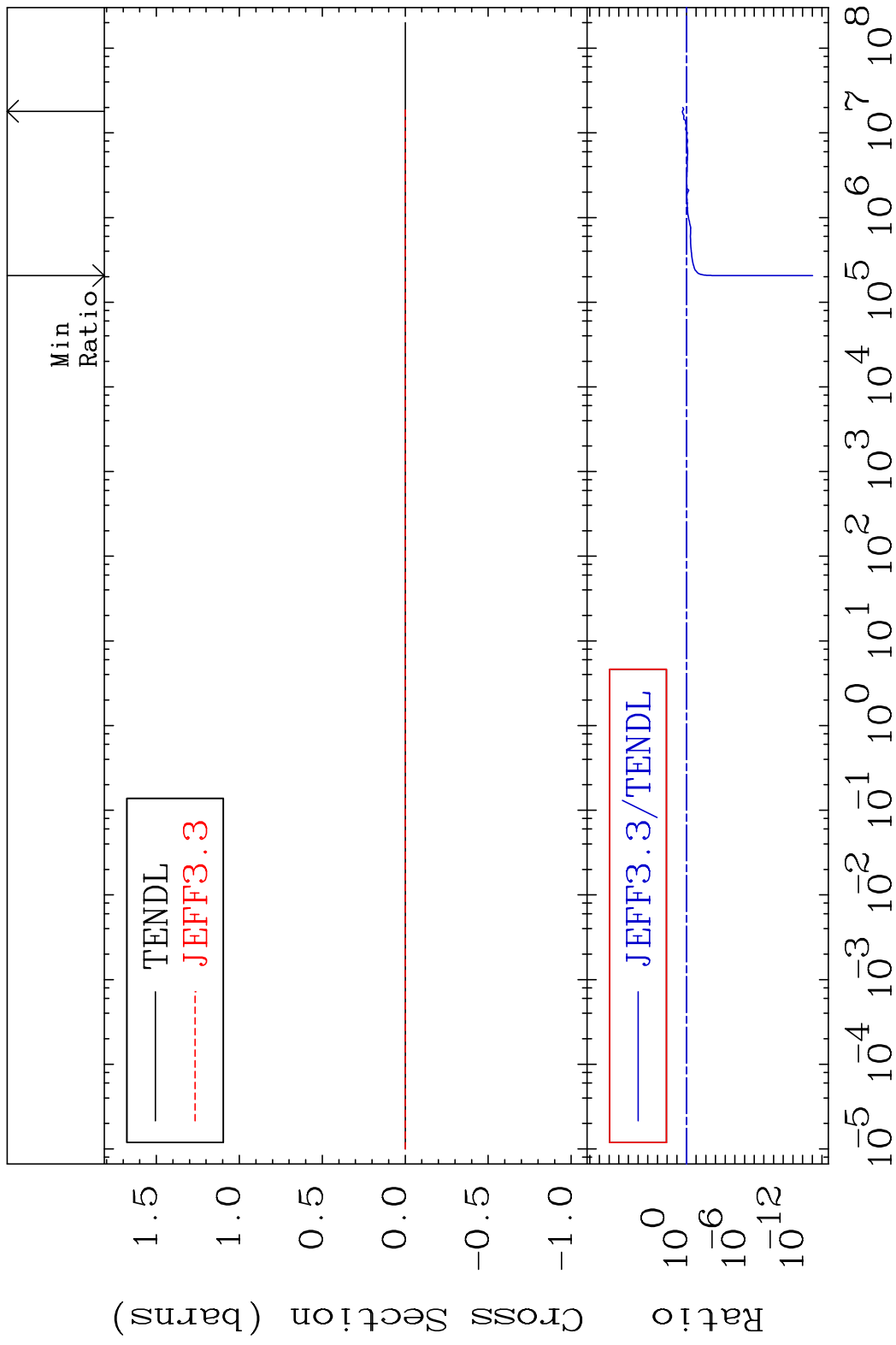
MAT 4234 Kerma non-elastic (all but mt2) 42-Mo-95
 Cross Section -99.97 To 2296. %



MAT 4234 Kerma inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 166.8 %



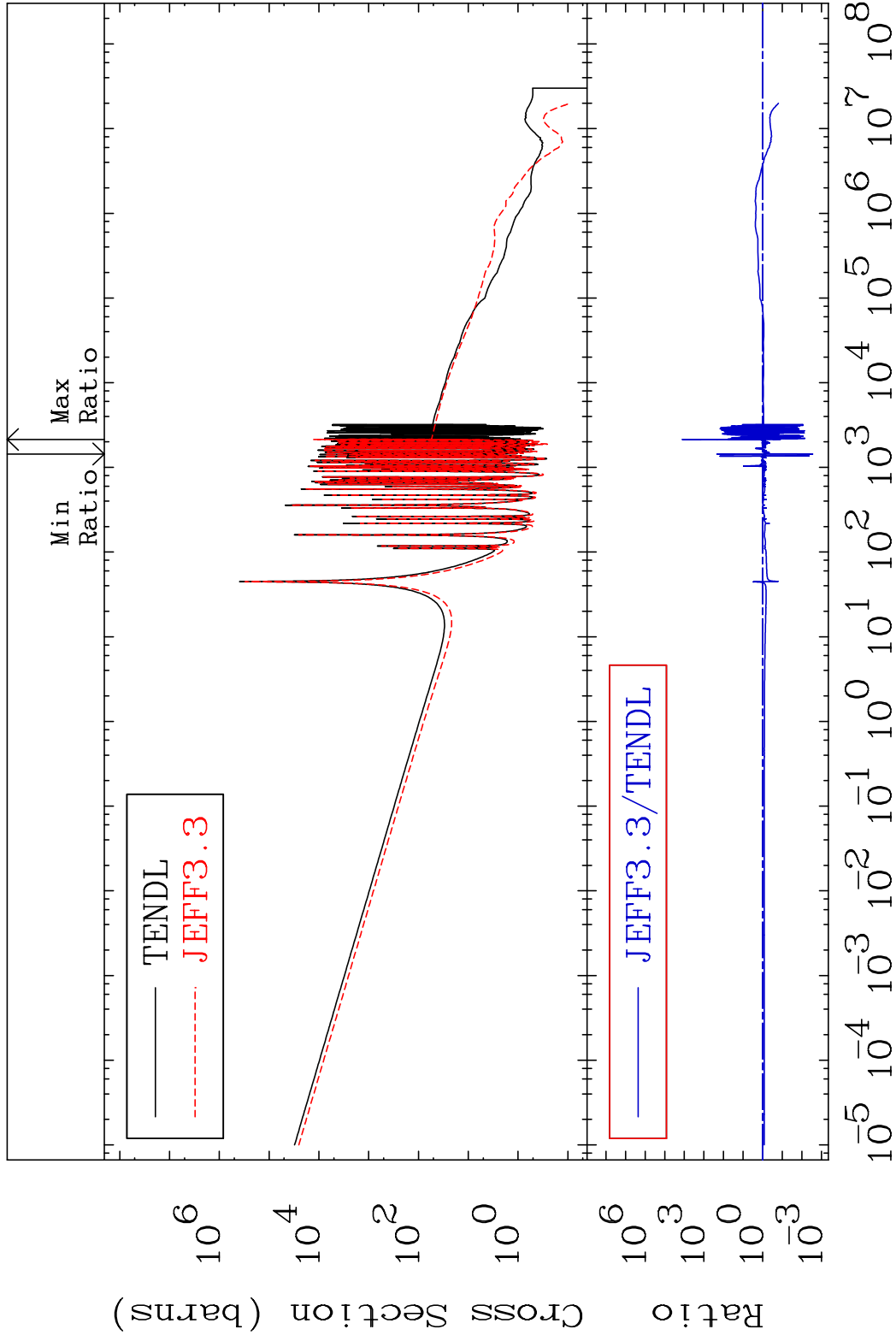
MAT 4234 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-95
 Cross Section -100.0 To 166.8 %



MAT 4234

Kerma capture (mt102) 42-Mo-95

Cross Section -99.72 To 9999. %

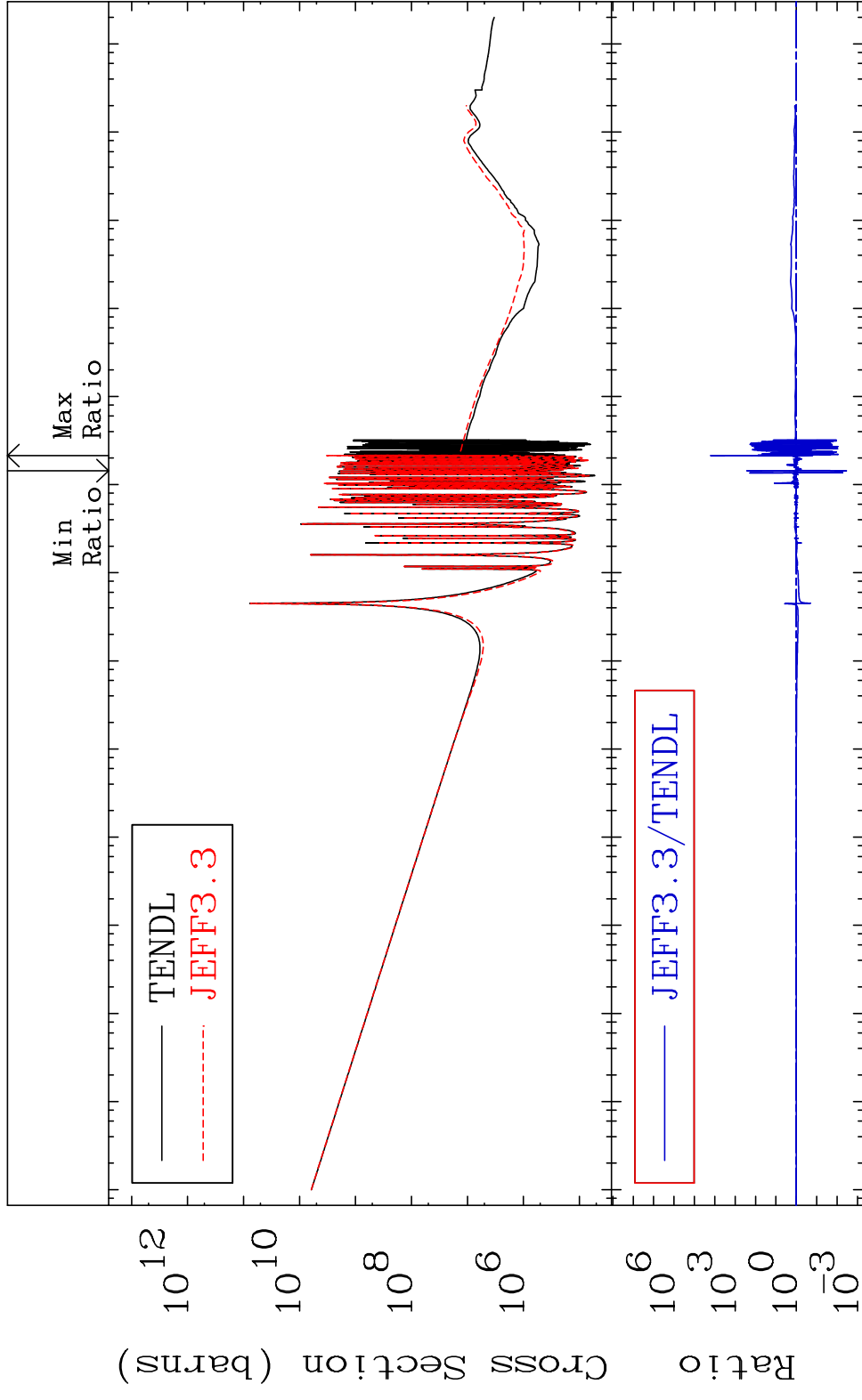


49

Incident Energy (eV)

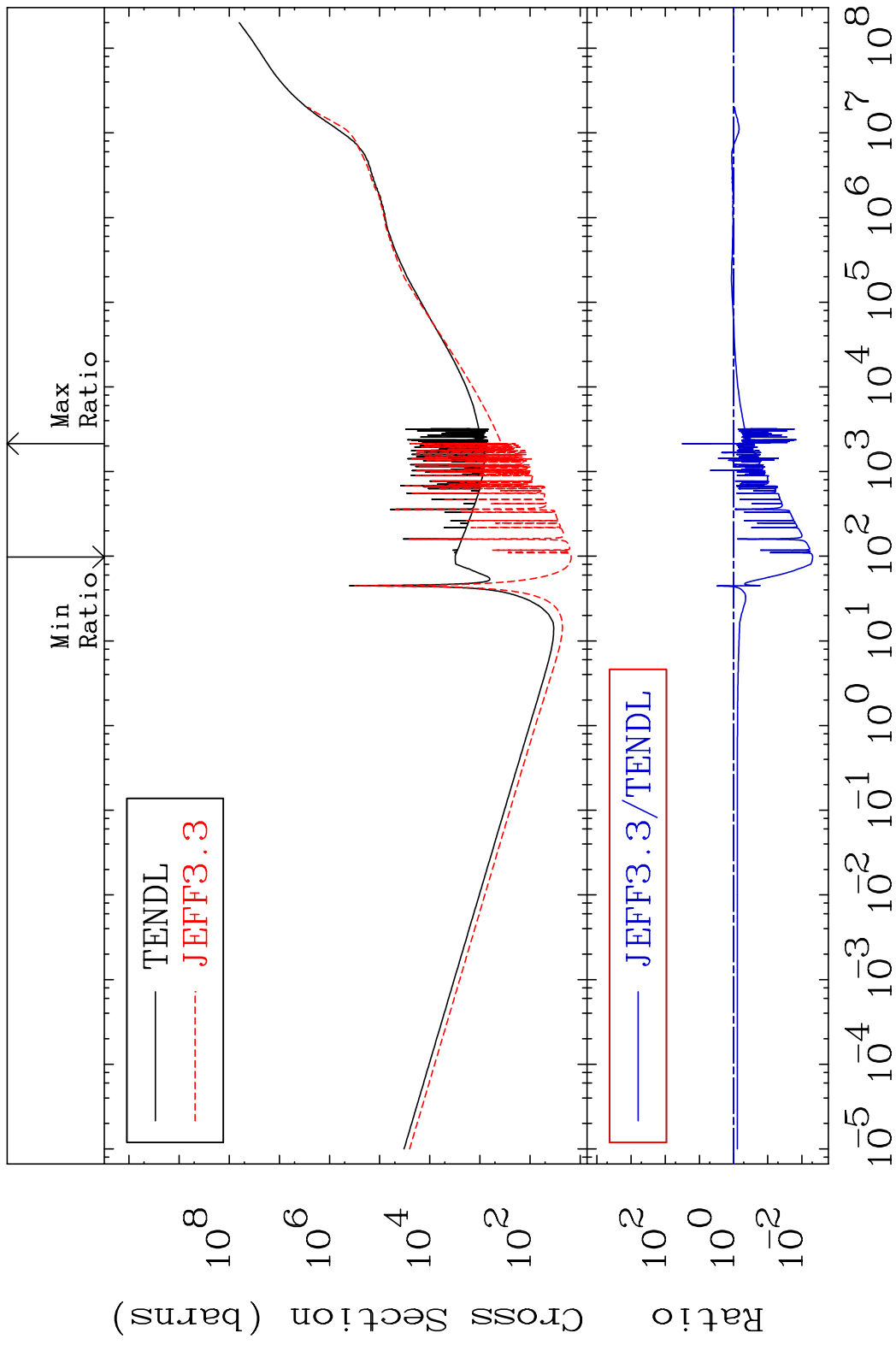
42-Mo-95

MAT 4234 Total photon (eV-barns) 42-Mo-95
Cross Section -99.65 To 9999. %



50 Incident Energy (eV) 42-Mo-95

MAT 4234 Total kinematic kerma (high limit) 42-Mo-95
 Cross Section -99.51 To 3052. %

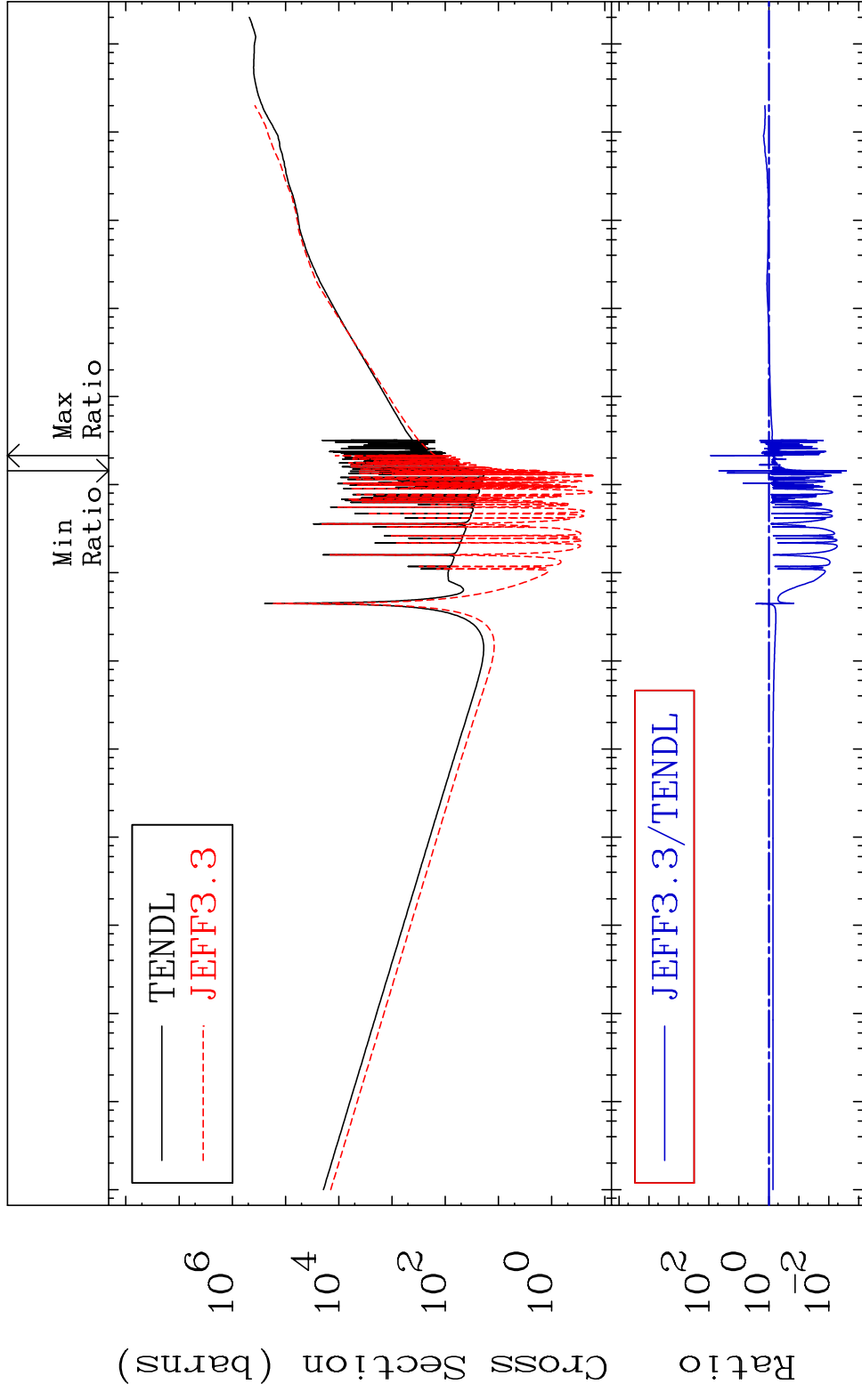


MAT 4234

Dpa total (eV-barns)

42-Mo-95

Cross Section -99.74 To 8600. %



52

Incident Energy (eV)

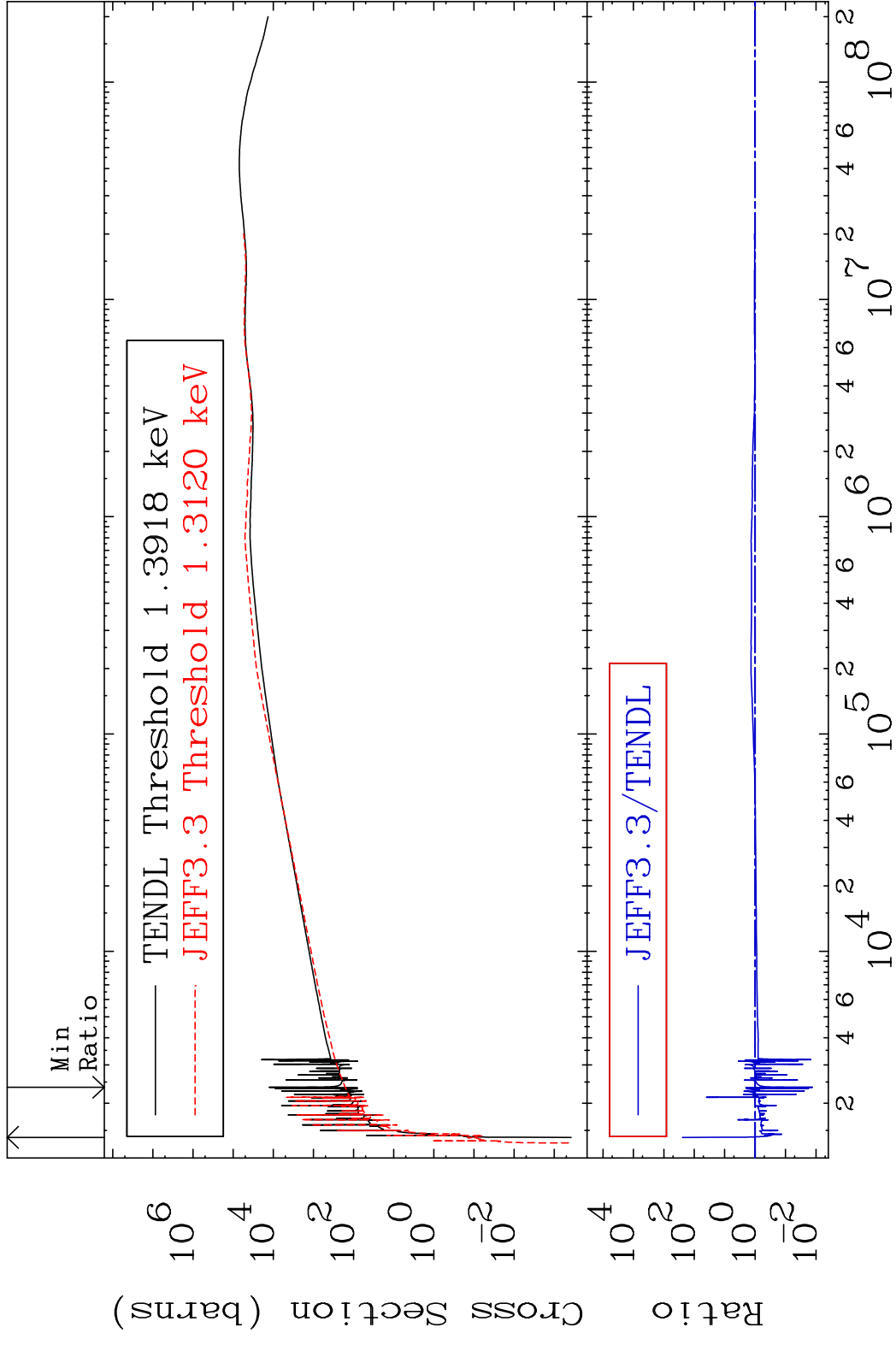
42-Mo-95

MAT 4234

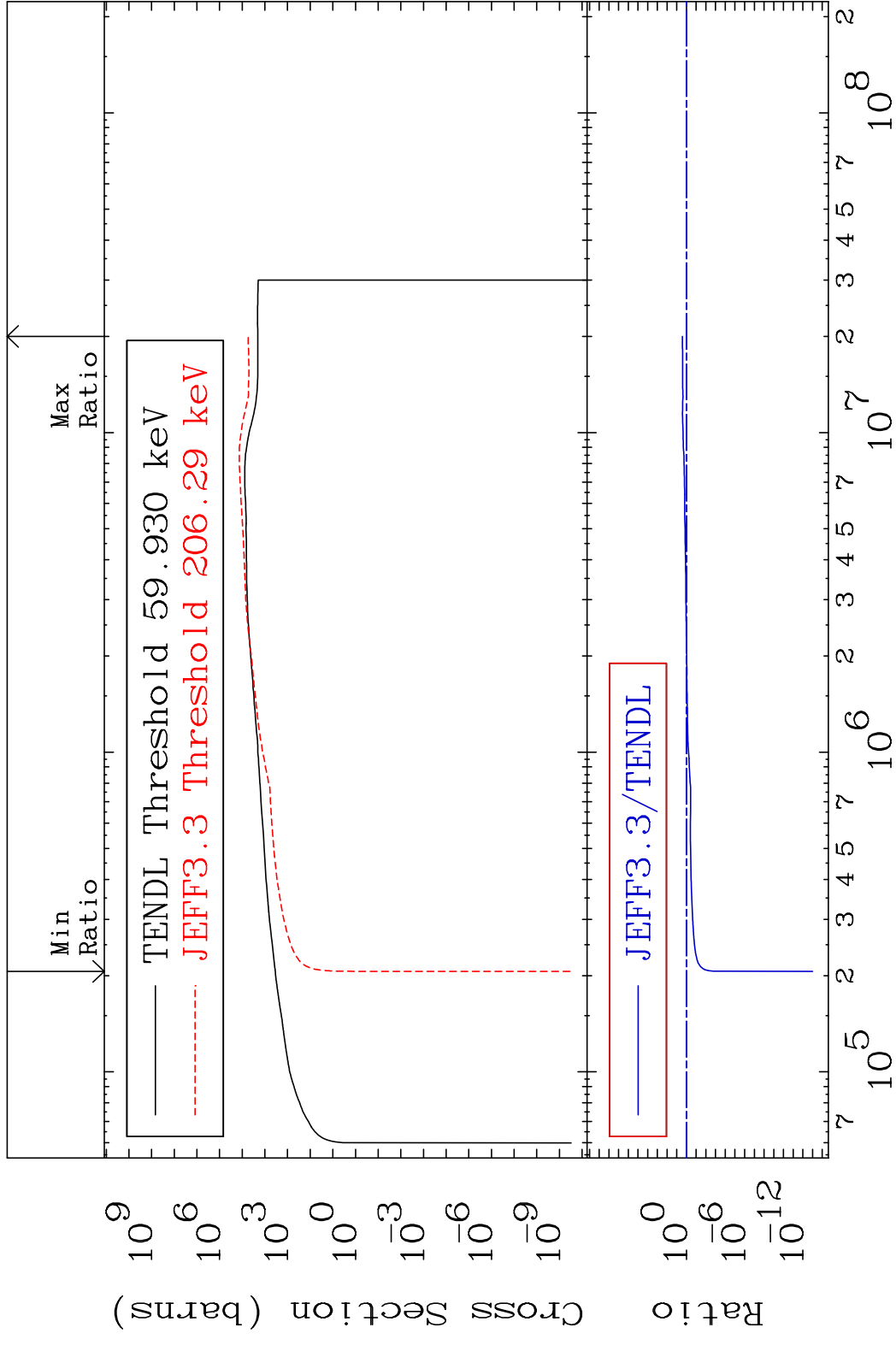
Dpa elastic (mt2)

42-Mo-95

Cross Section -98.71 To 9999. %



MAT 4234 Dpa inelastic (mt51-91) 42-Mo-95
 Cross Section -100.0 To 166.7 %



MAT 4234 Dpa disappearance (mt102 -120) 42-Mo-95
 Cross Section -99.75 To 9999. %

