

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

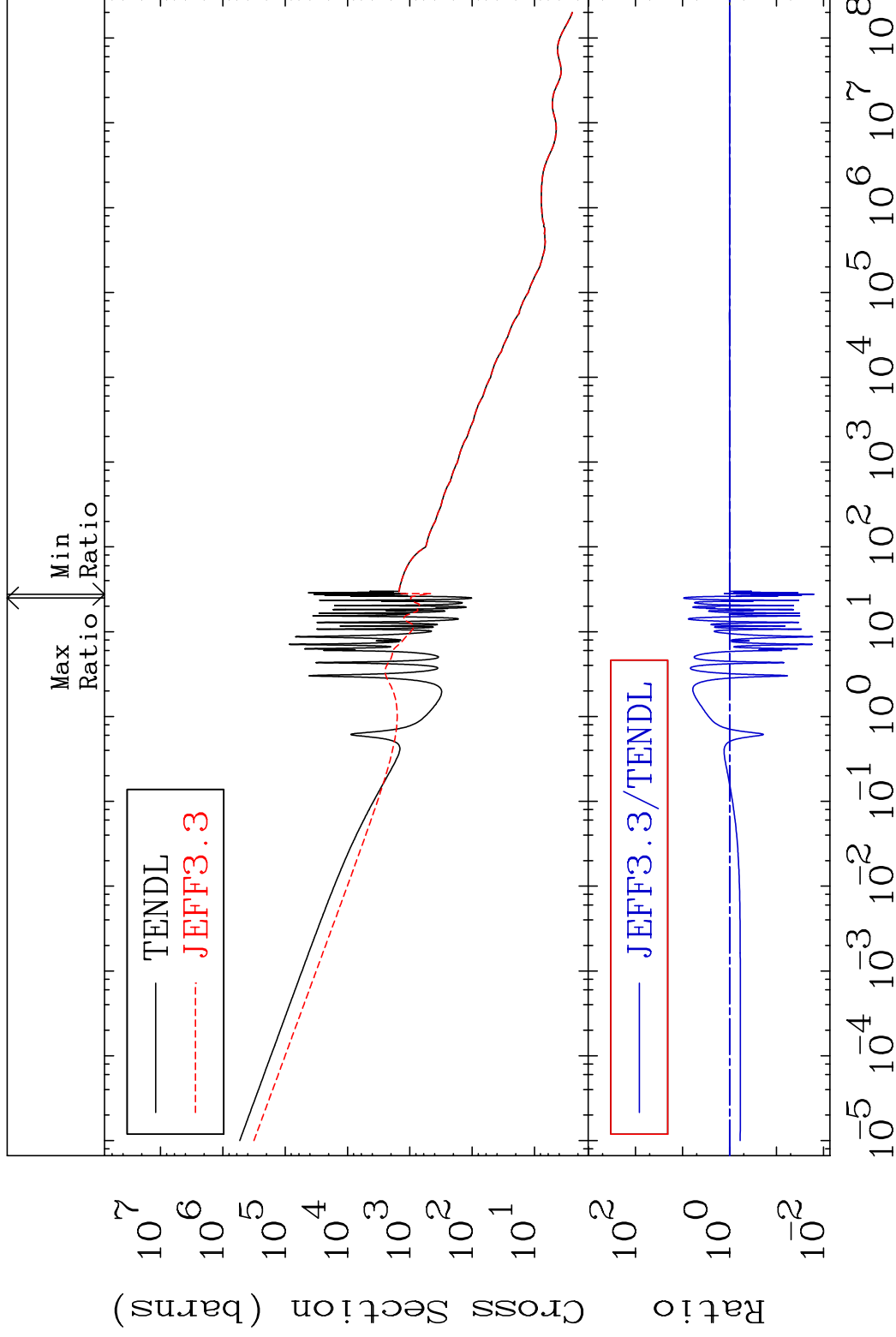
MAT 6634

Total

66-Dy-159

Cross Section

-98.41 To 846.9 %



1

Incident Energy (eV)

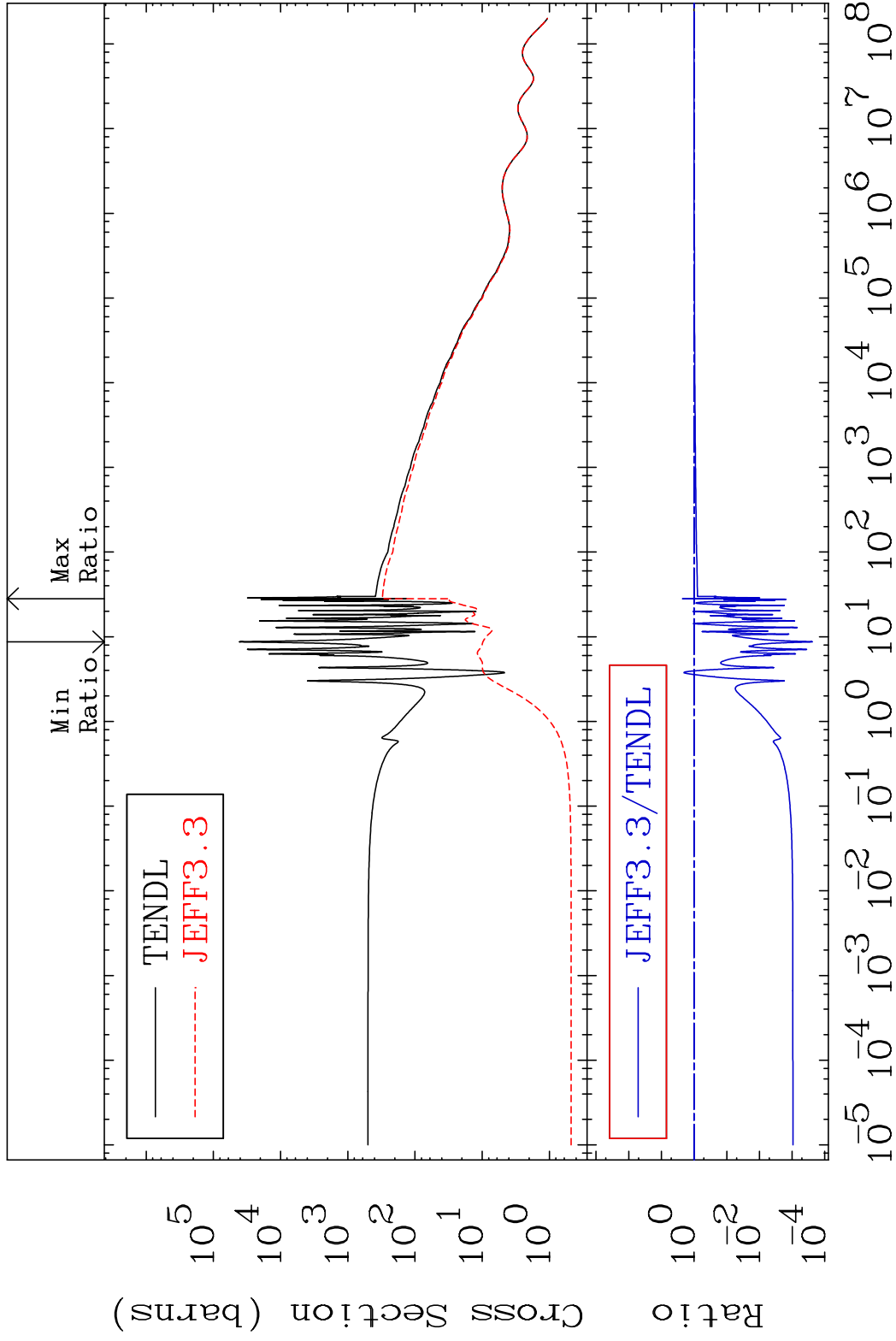
66-Dy-159

MAT 6634

Elastic

66-Dy-159

Cross Section -99.98 To 128.2 %



2

Incident Energy (eV)

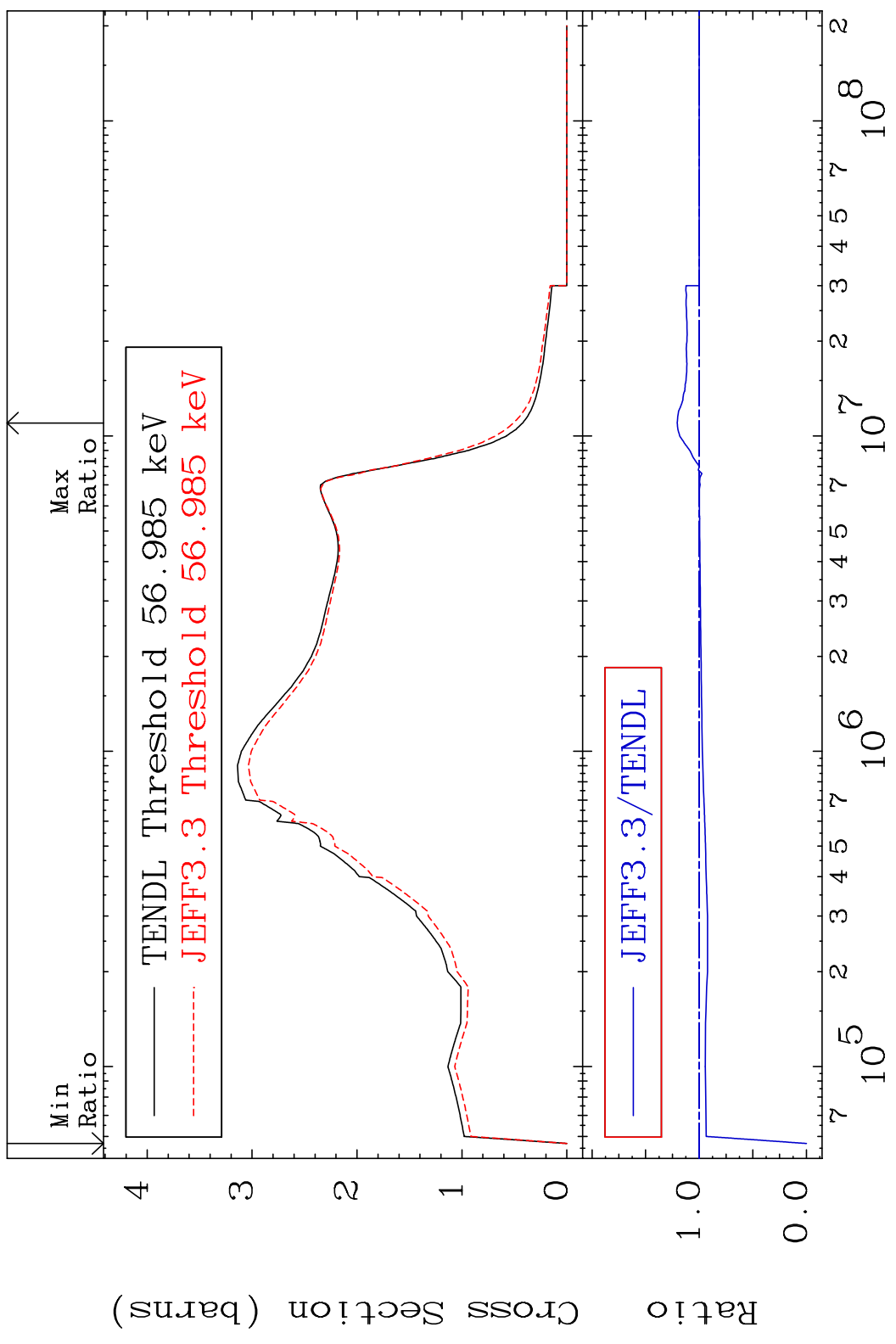
66-Dy-159

MAT 6634

Inelastic

66-Dy-159

Cross Section -100.0 To 20.54 %



3

Incident Energy (eV)

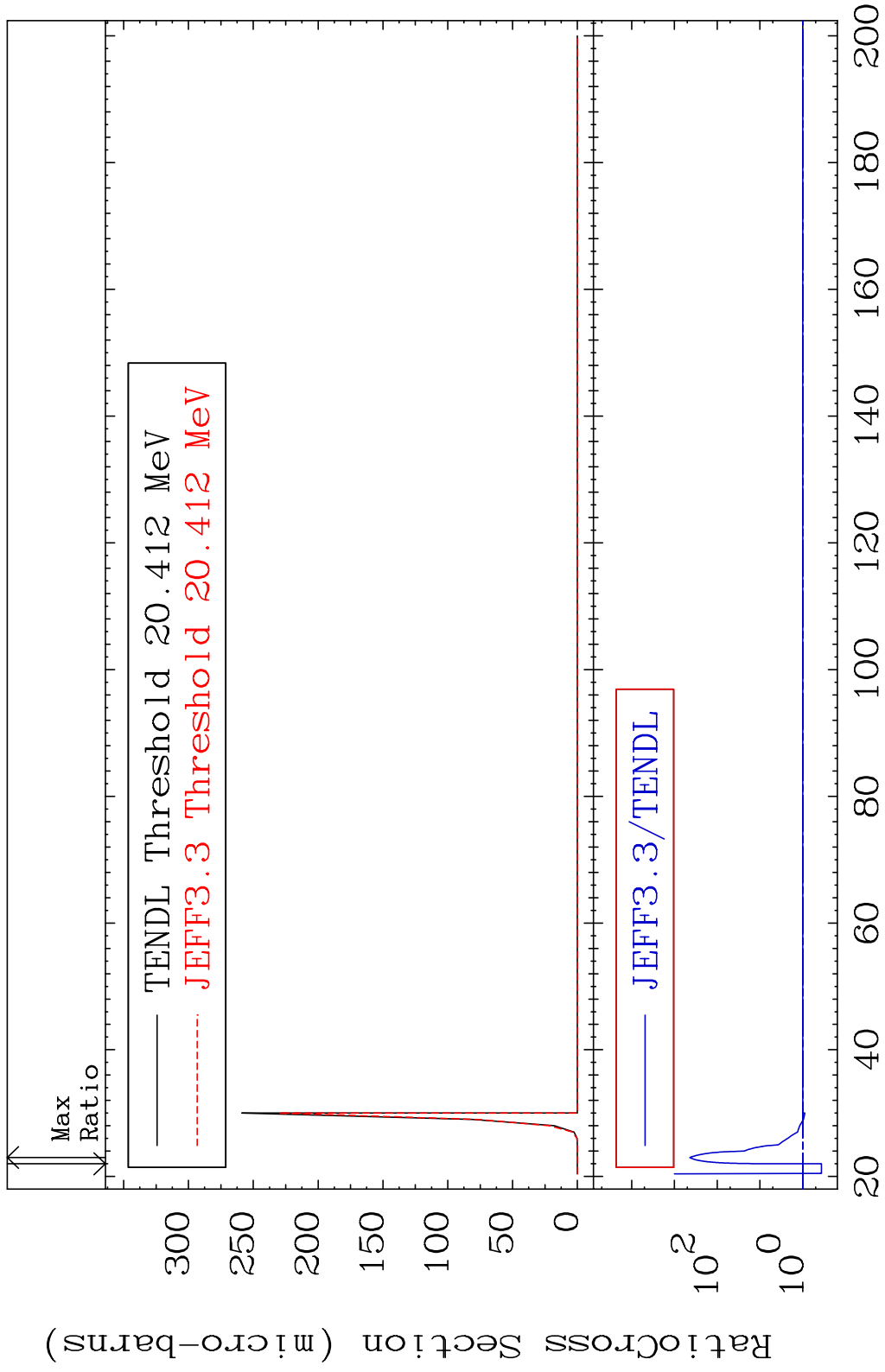
66-Dy-159

MAT 6634

(n,2n) d

66-Dy-159

Cross Section -63.29 To 9999. %



4

Incident Energy (MeV)

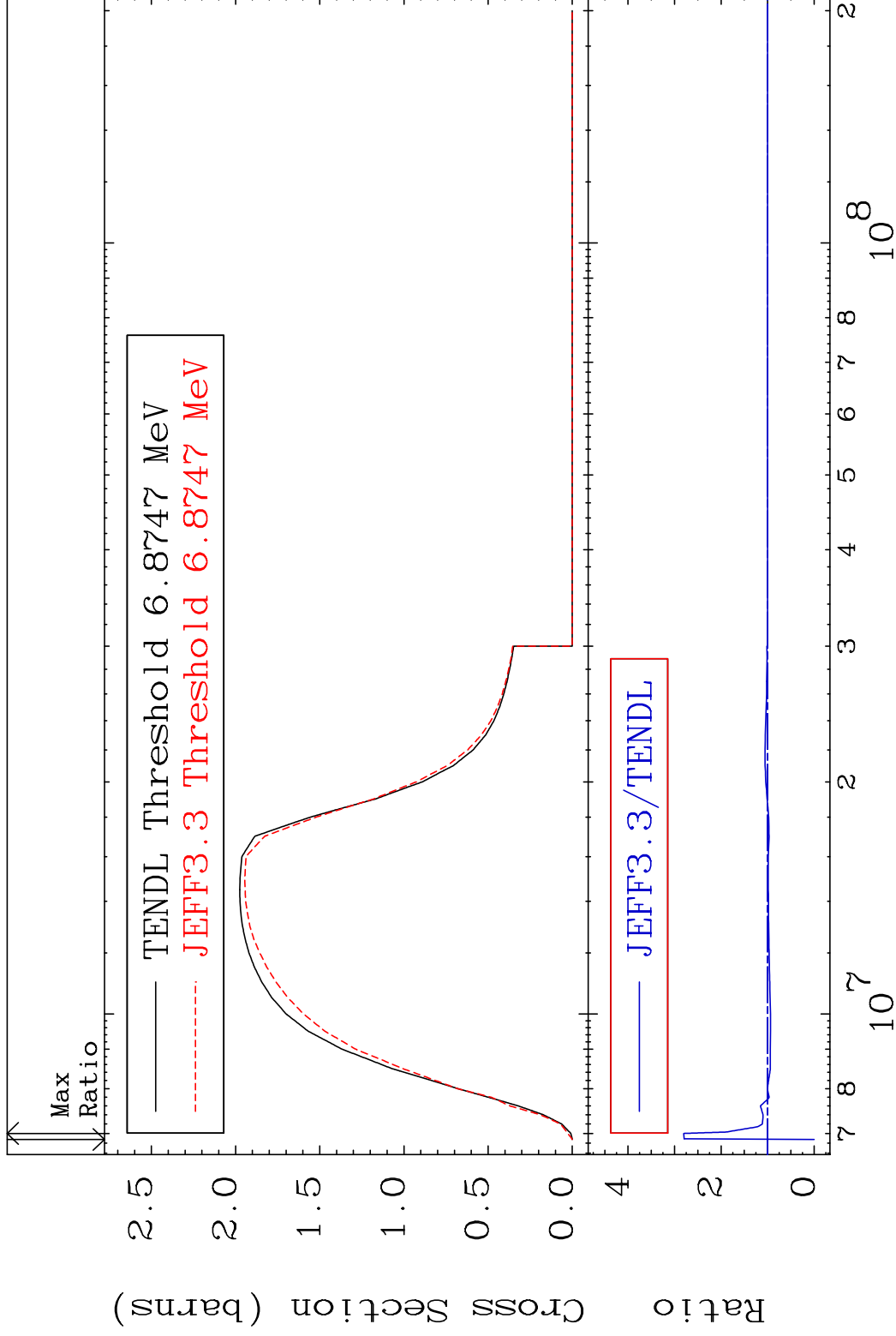
66-Dy-159

MAT 6634

(n,2n)

66-Dy-159

Cross Section -100.0 To 180.4 %



5

Incident Energy (eV)

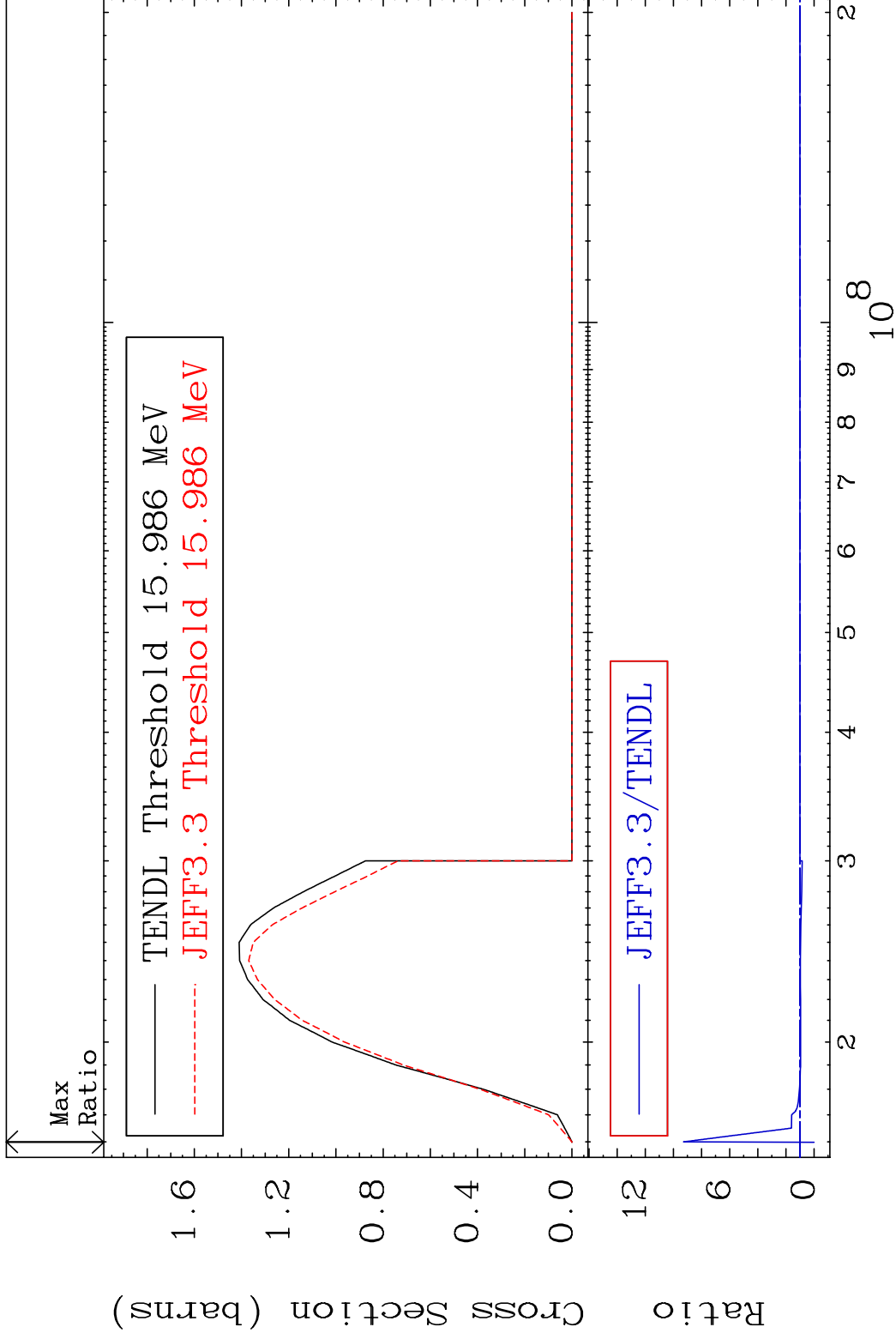
66-Dy-159

MAT 6634

(n,3n)

66-Dy-159

Cross Section -100.0 To 828.6 %



6

Incident Energy (eV)

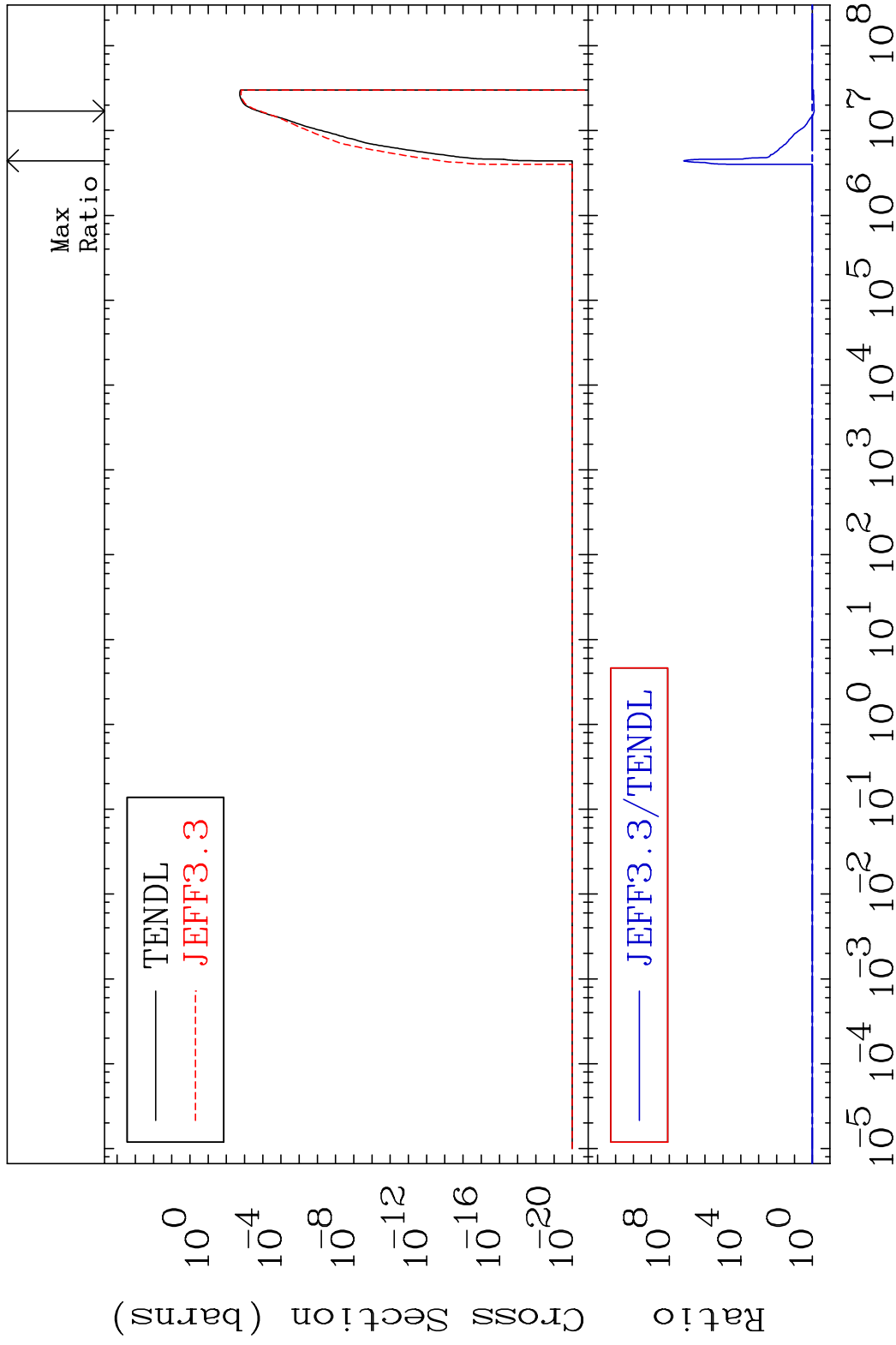
66-Dy-159

MAT 6634

(n, n') α

66-Dy-159

Cross Section -19.87 To 9999. %



7

Incident Energy (eV)

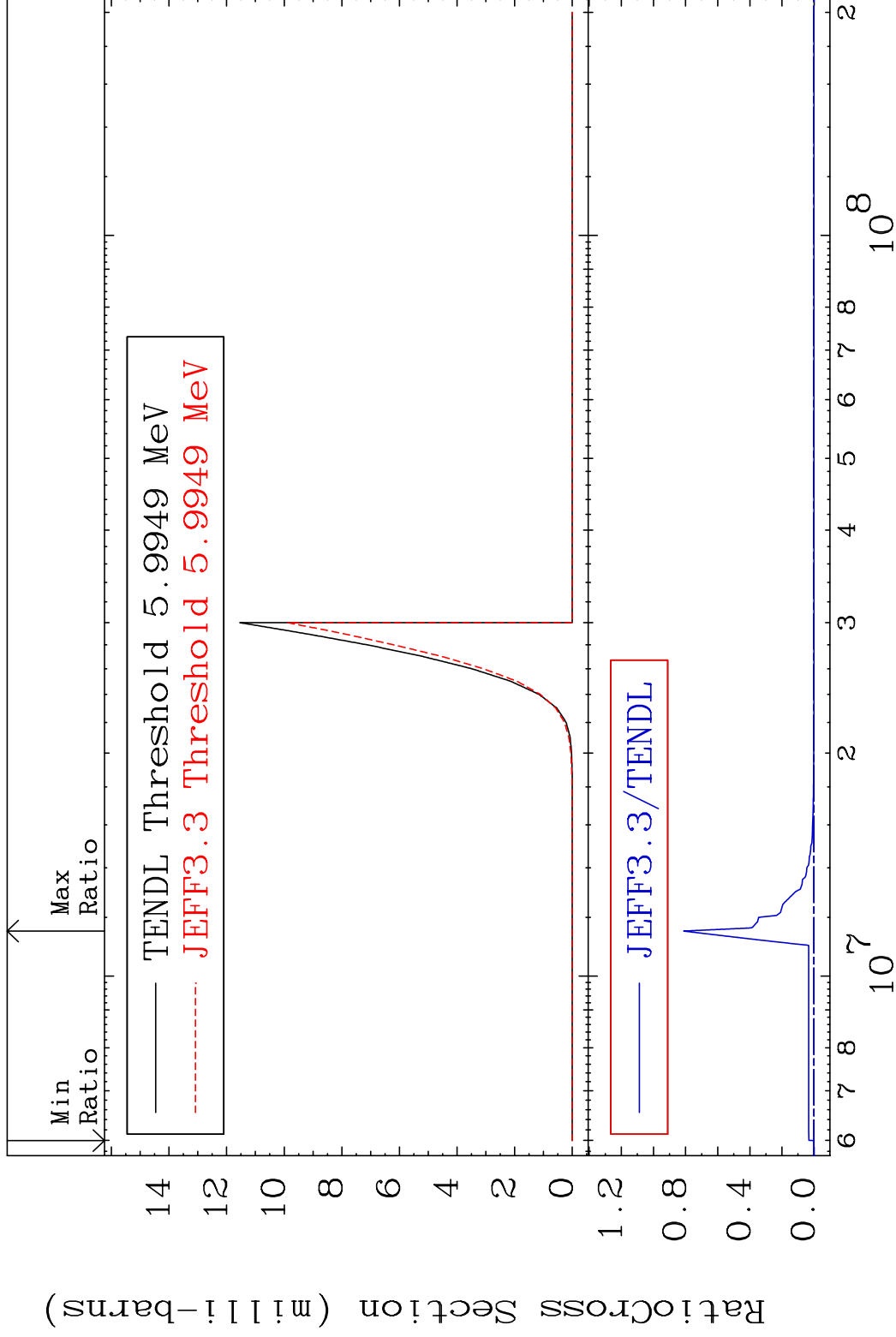
66-Dy-159

MAT 6634

(n,2n) α

66-Dy-159

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

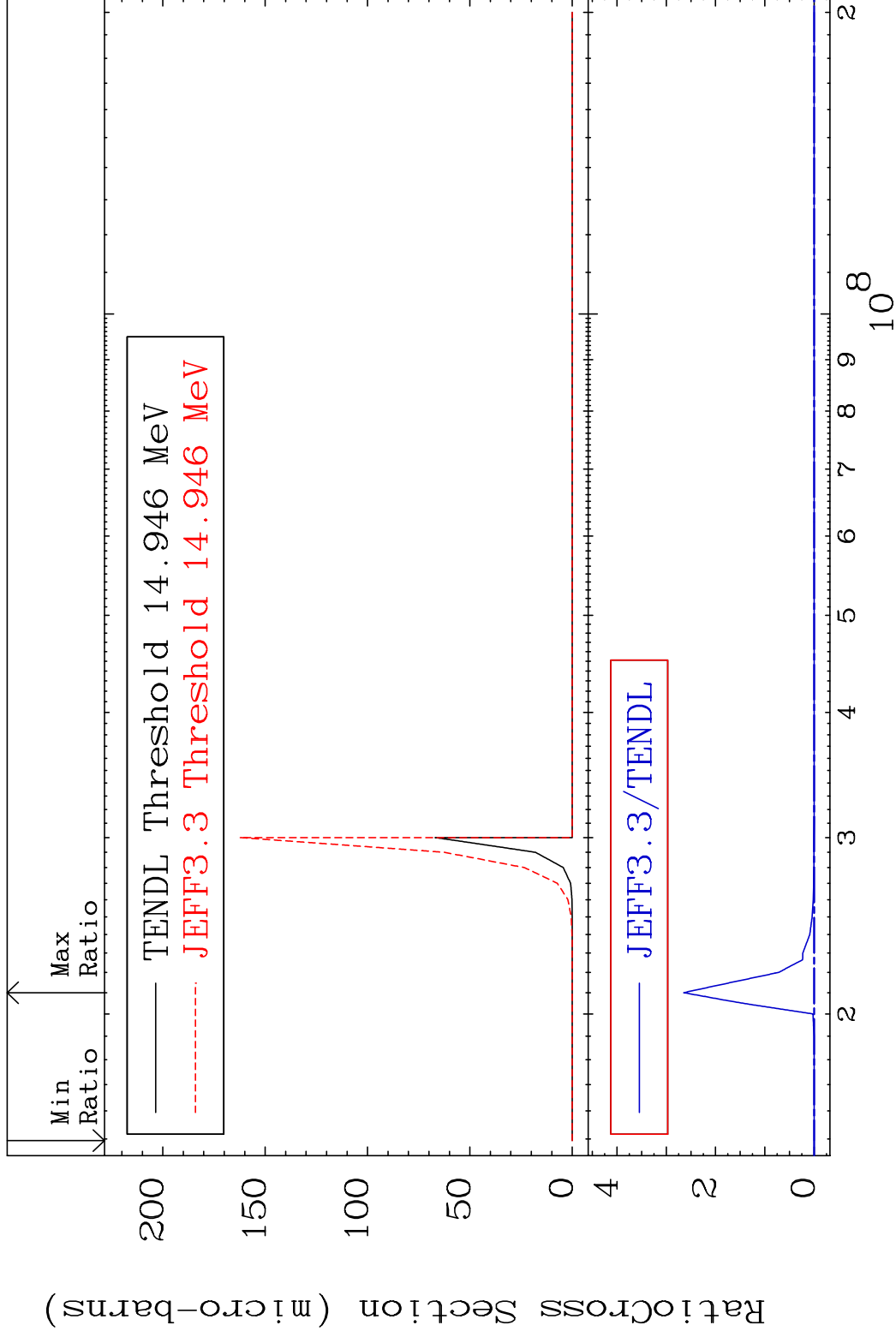
66-Dy-159

MAT 6634

(n,3n) α

66-Dy-159

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

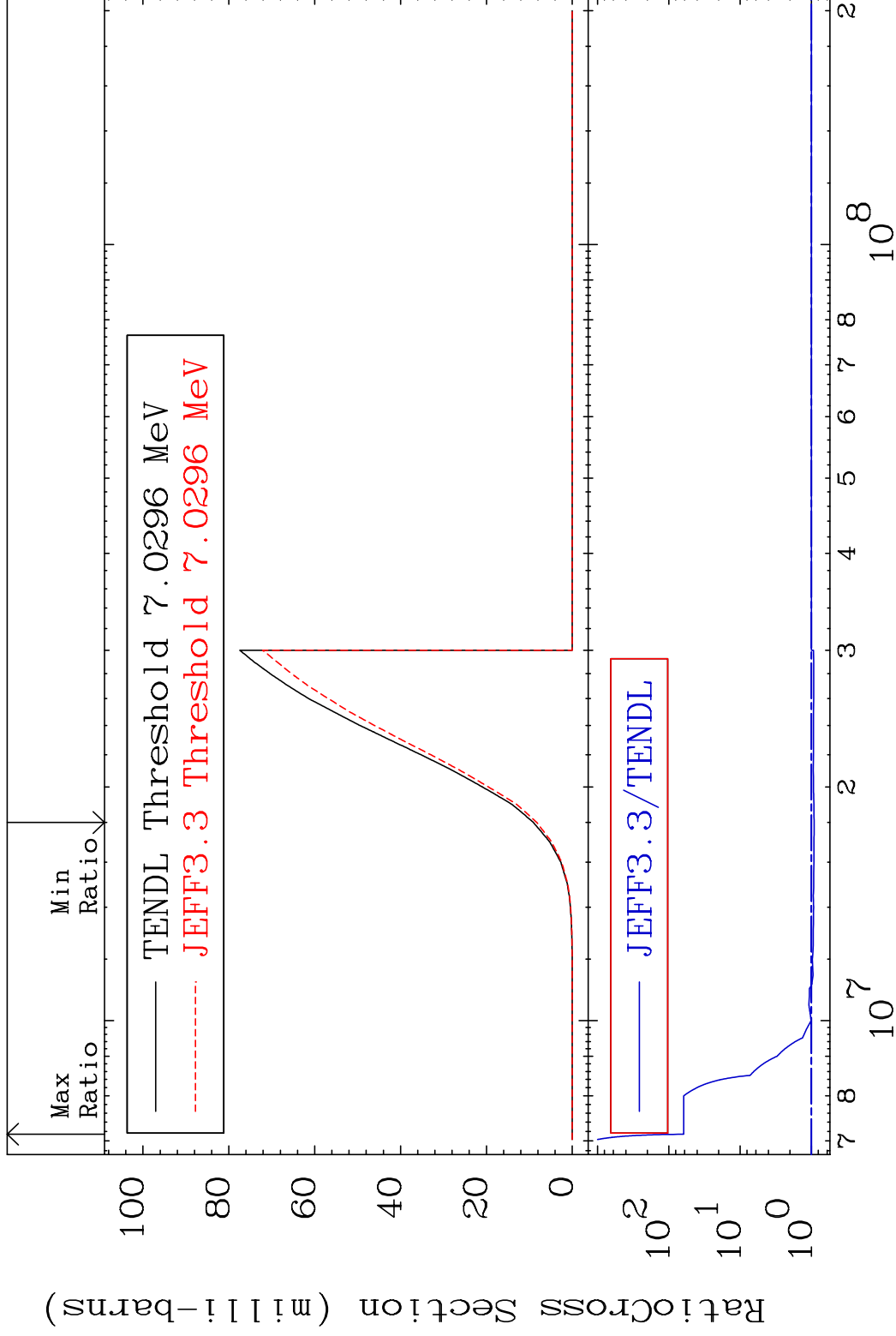
66-Dy-159

MAT 6634

(n, n') p

66-Dy-159

Cross Section -8.585 To 6097. %



10

Incident Energy (eV)

66-Dy-159

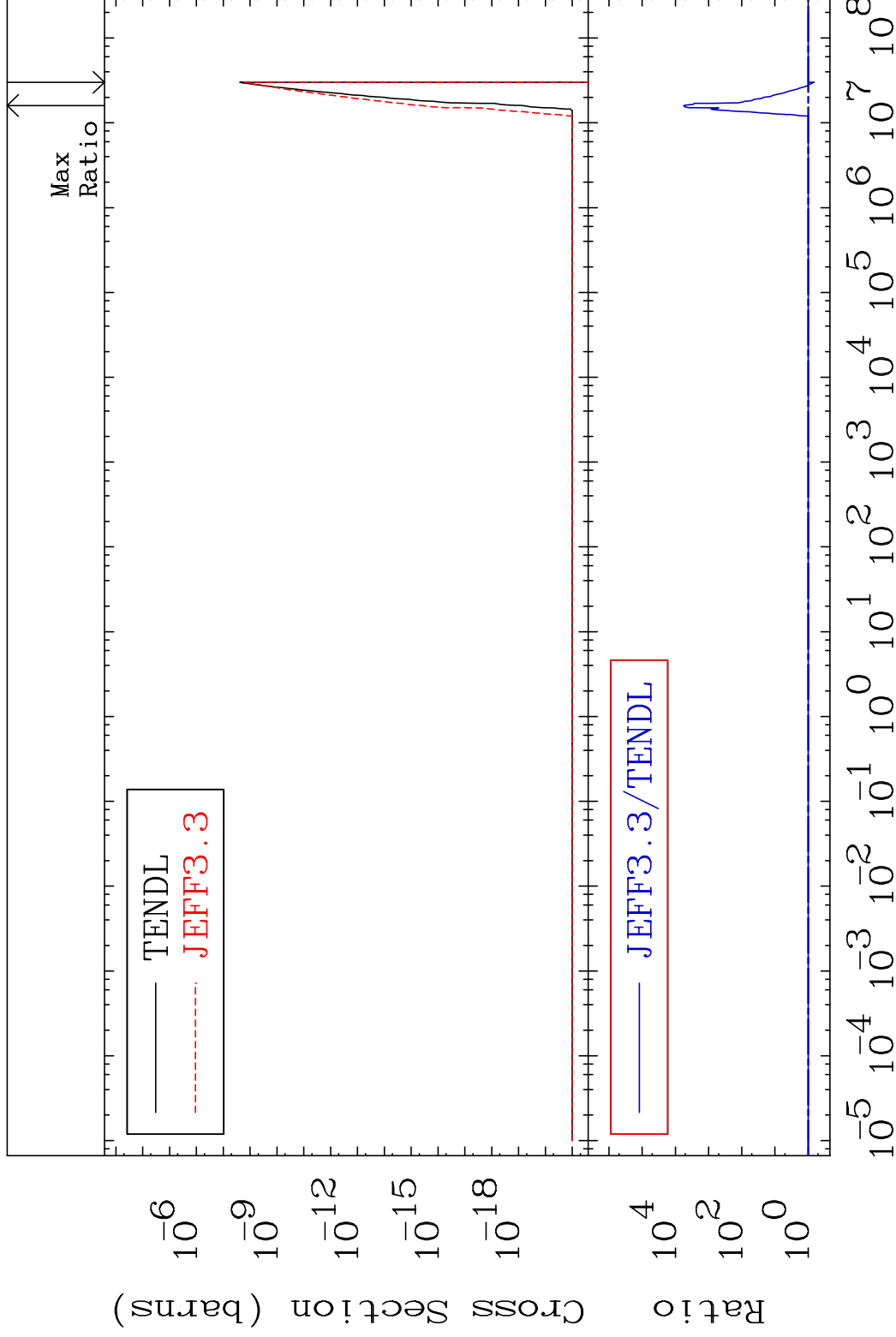
MAT 6634

(n, n') 2α

66-Dy-159

Cross Section

-33.87 To 9999. %

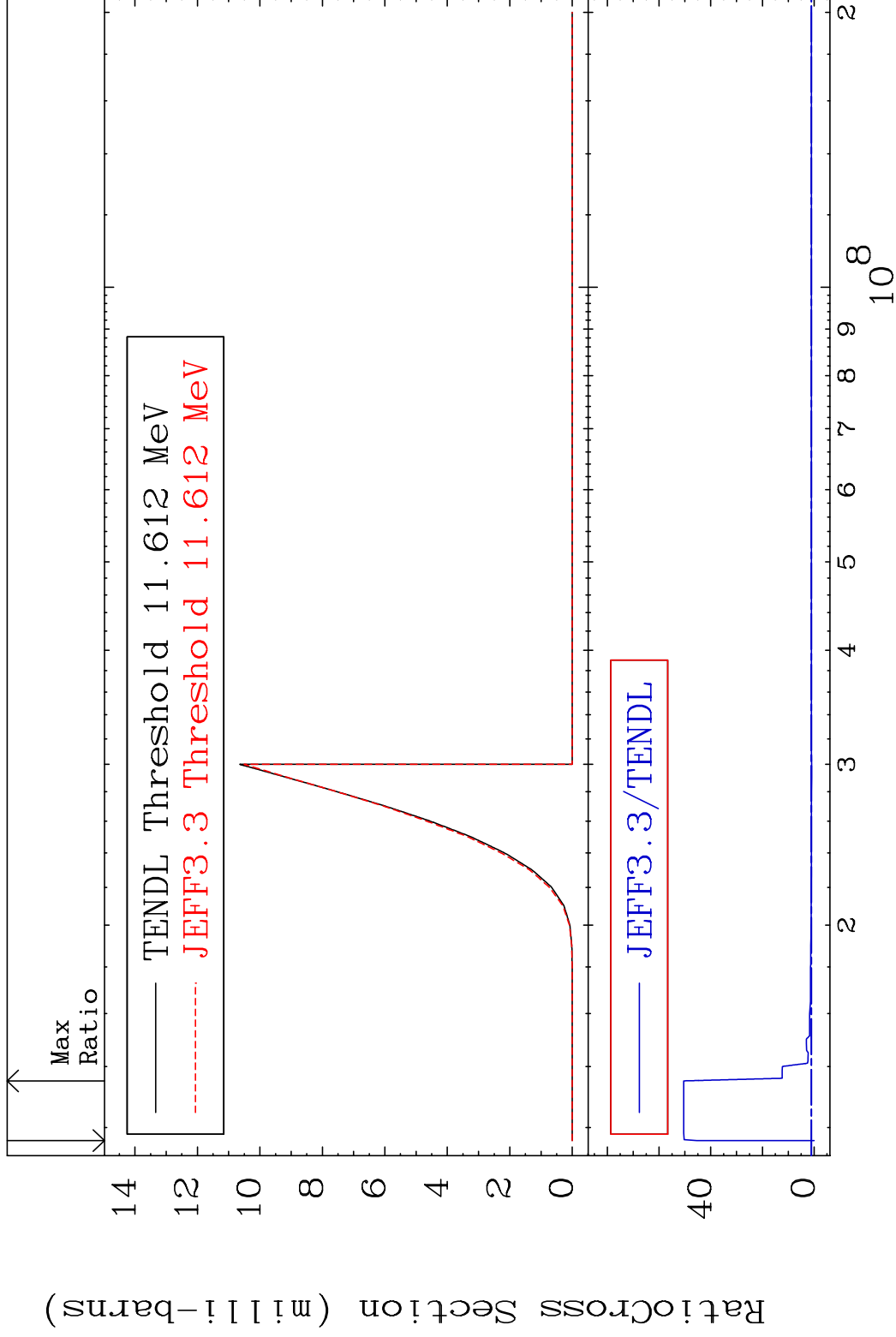


MAT 6634

(n, n') d

66-Dy-159

Cross Section -100.0 To 4948. %



12

Incident Energy (eV)

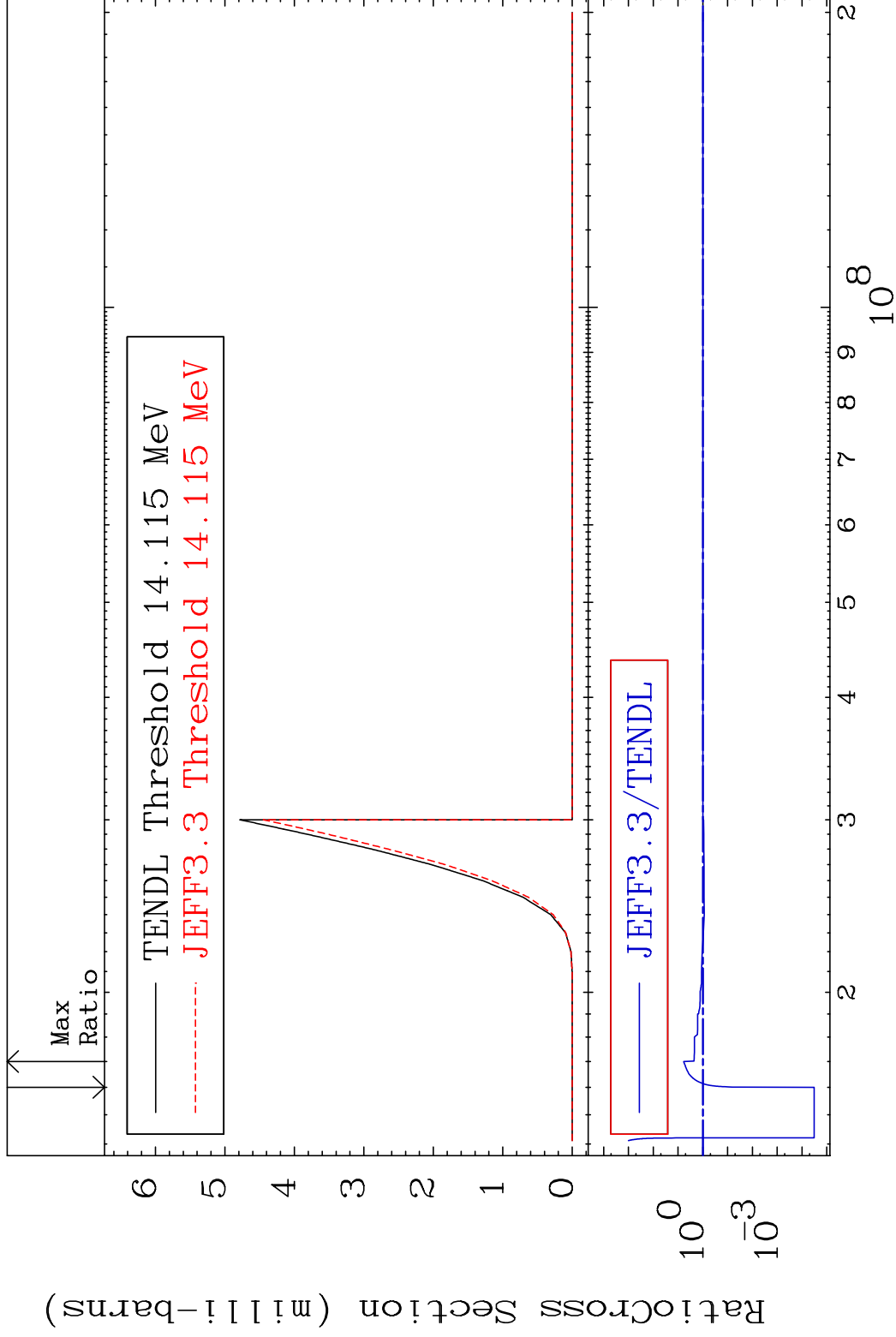
66-Dy-159

MAT 6634

(n, n') t

66-Dy-159

Cross Section -100.0 To 494.8 %

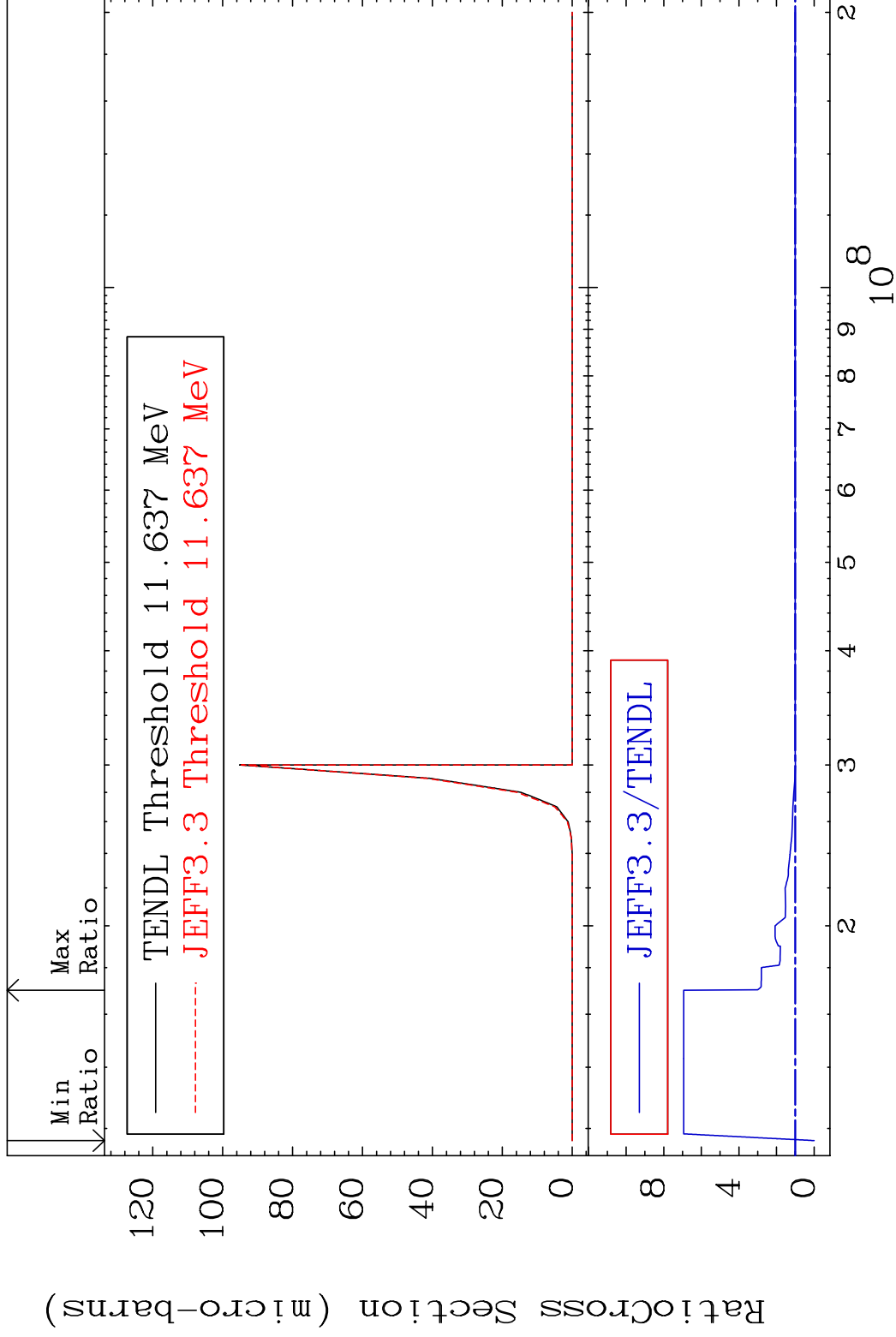


MAT 6634

(n,n') He-3

66-Dy-159

Cross Section -100.0 To 593.9 %



14

Incident Energy (eV)

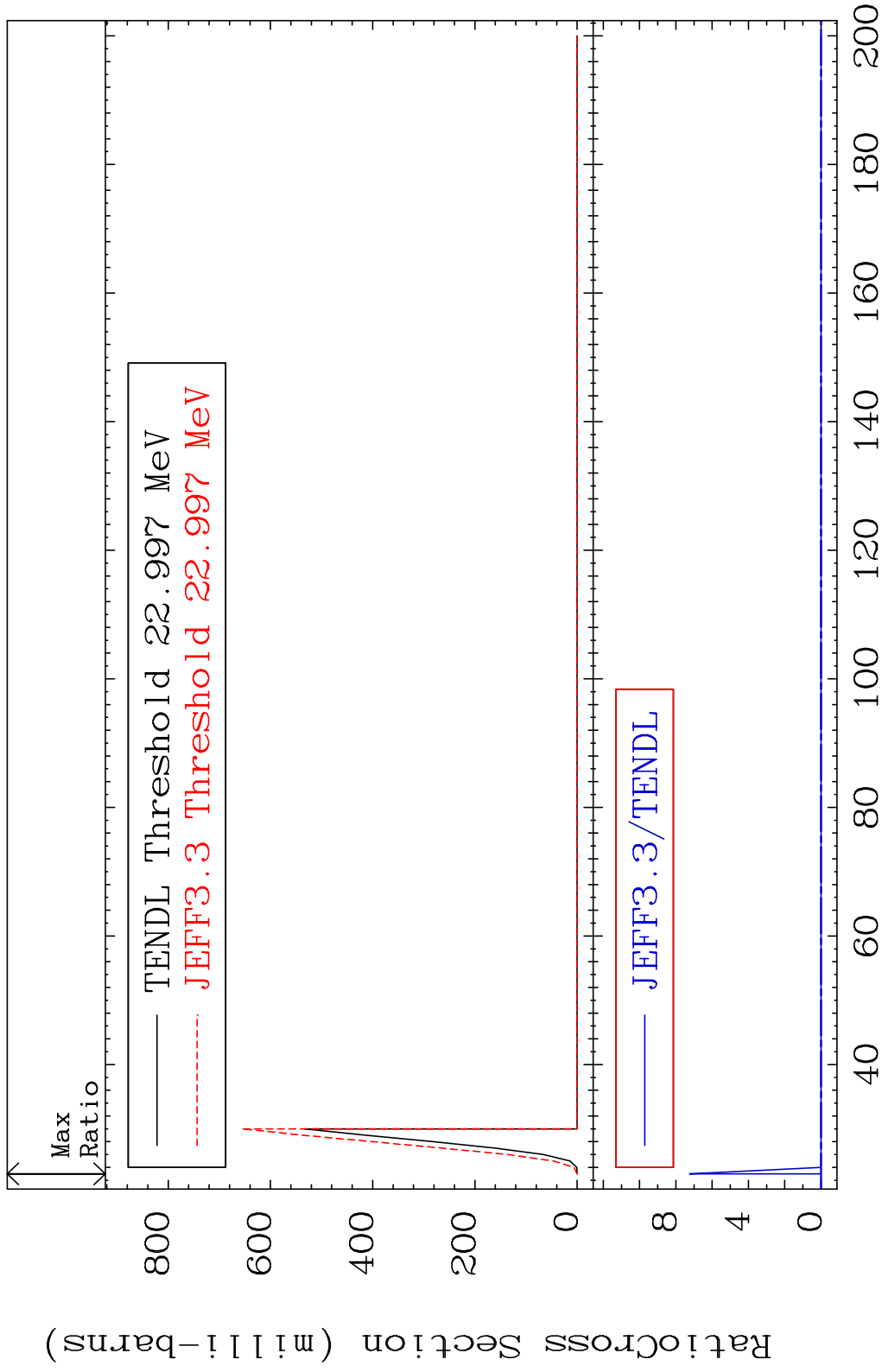
66-Dy-159

MAT 6634

(n,4n)

66-Dy-159

Cross Section -100.0 To 9999. %



15

Incident Energy (MeV)

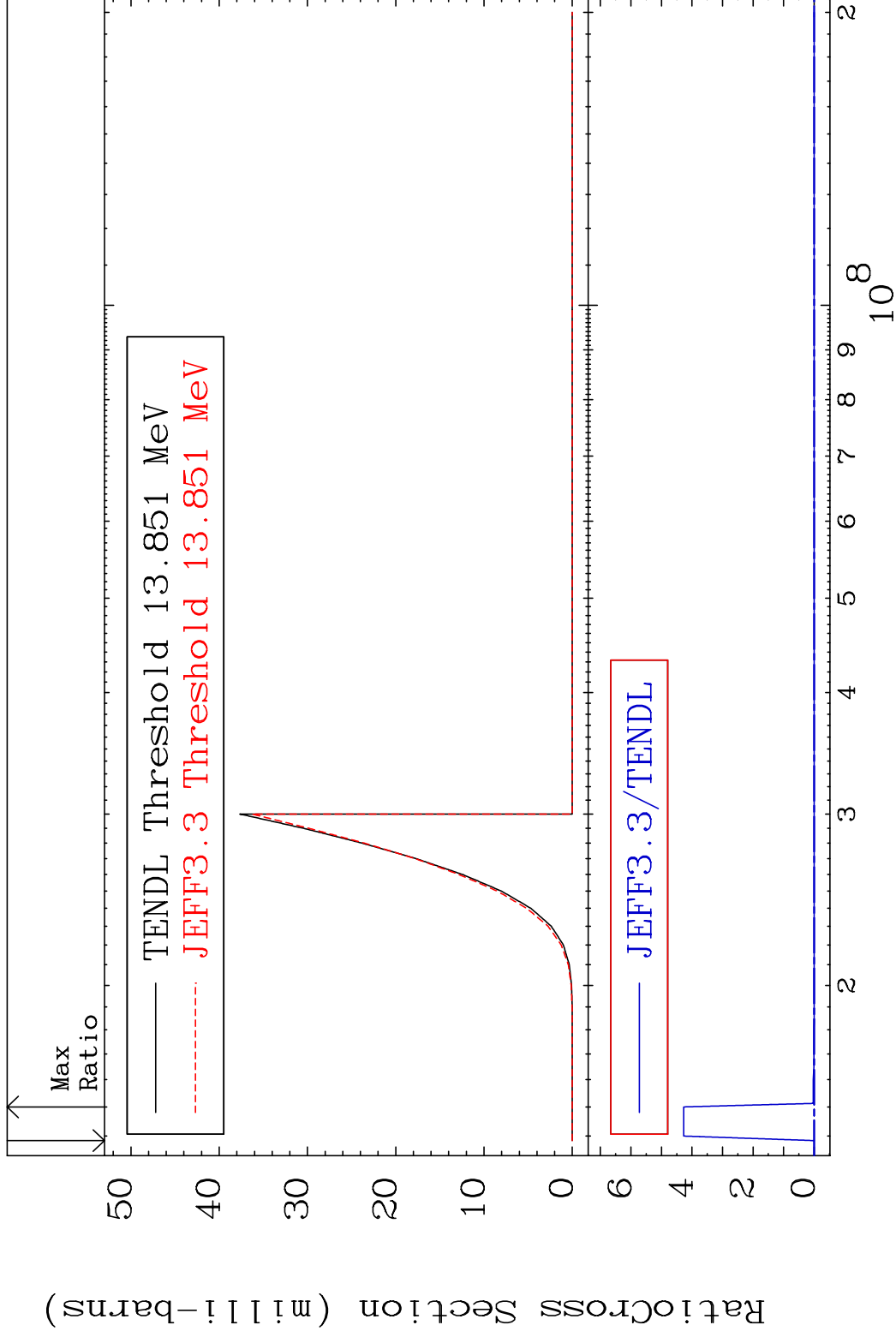
66-Dy-159

MAT 6634

(n,2n) p

66-Dy-159

Cross Section -100.0 To 9999. %

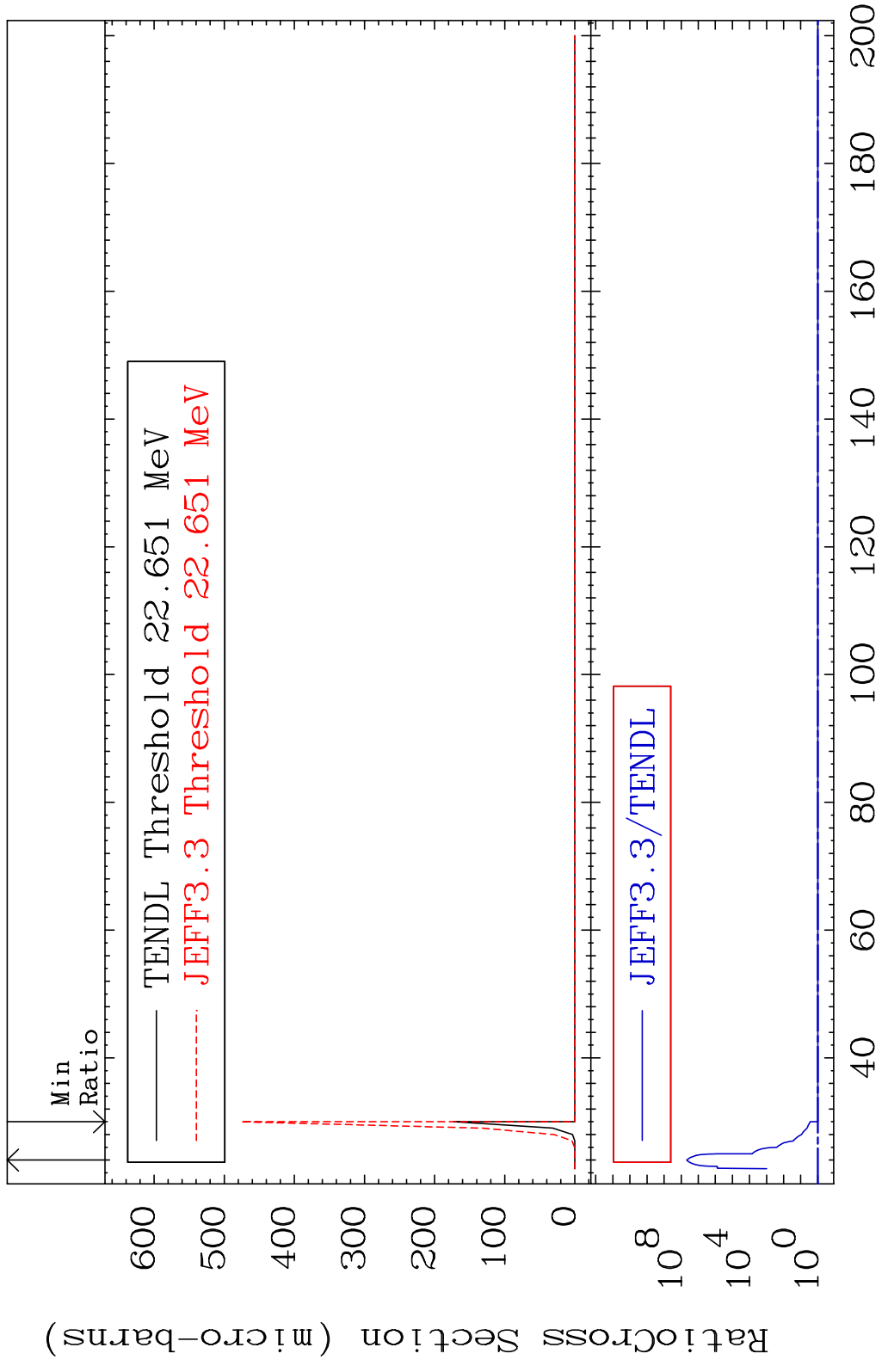


16

Incident Energy (eV)

66-Dy-159

MAT 6634 (n,3n) p 66-Dy-159
 Cross Section 0.000 To 9999. %

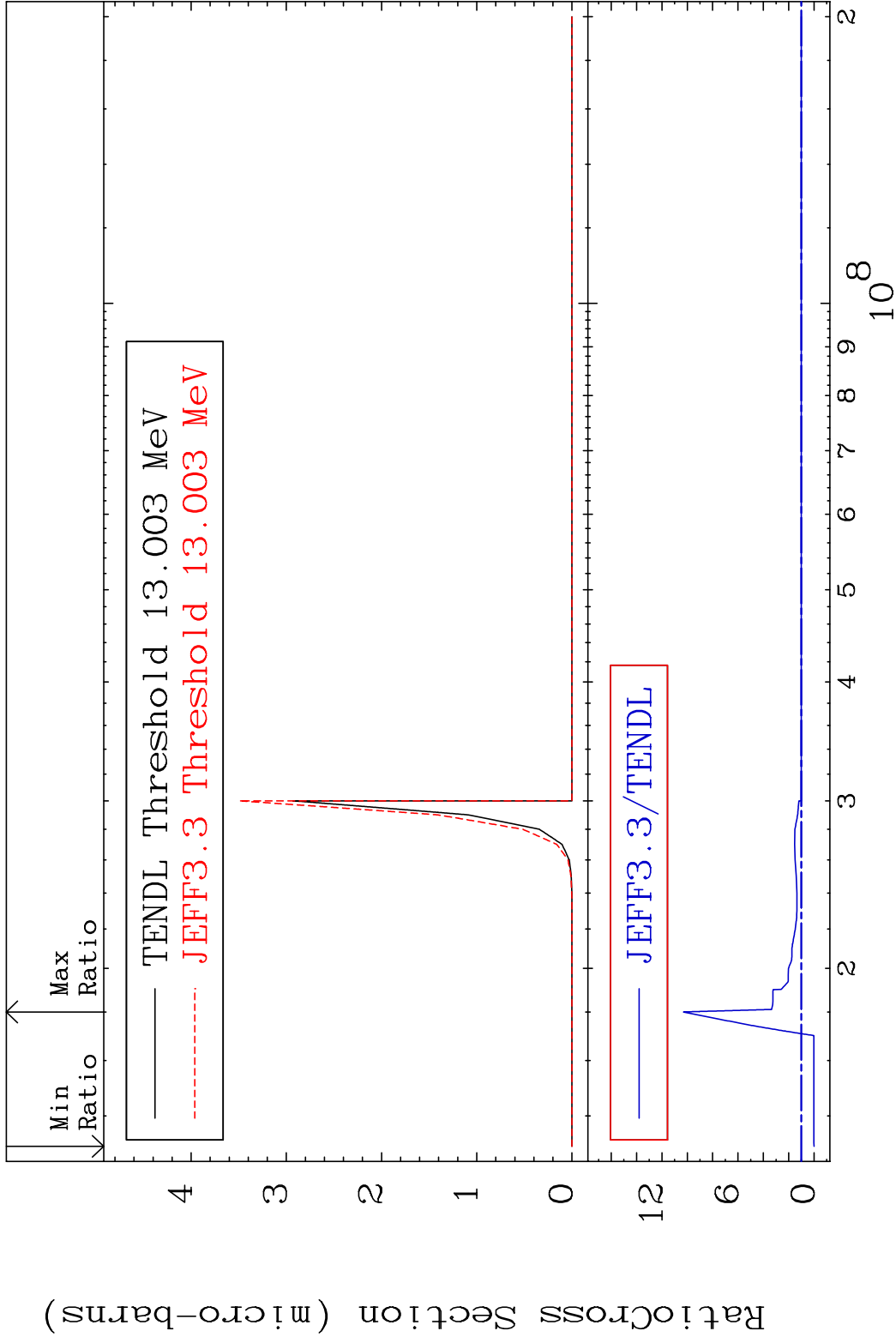


MAT 6634

(n,2n) p

66-Dy-159

Cross Section -100.0 To 930.2 %



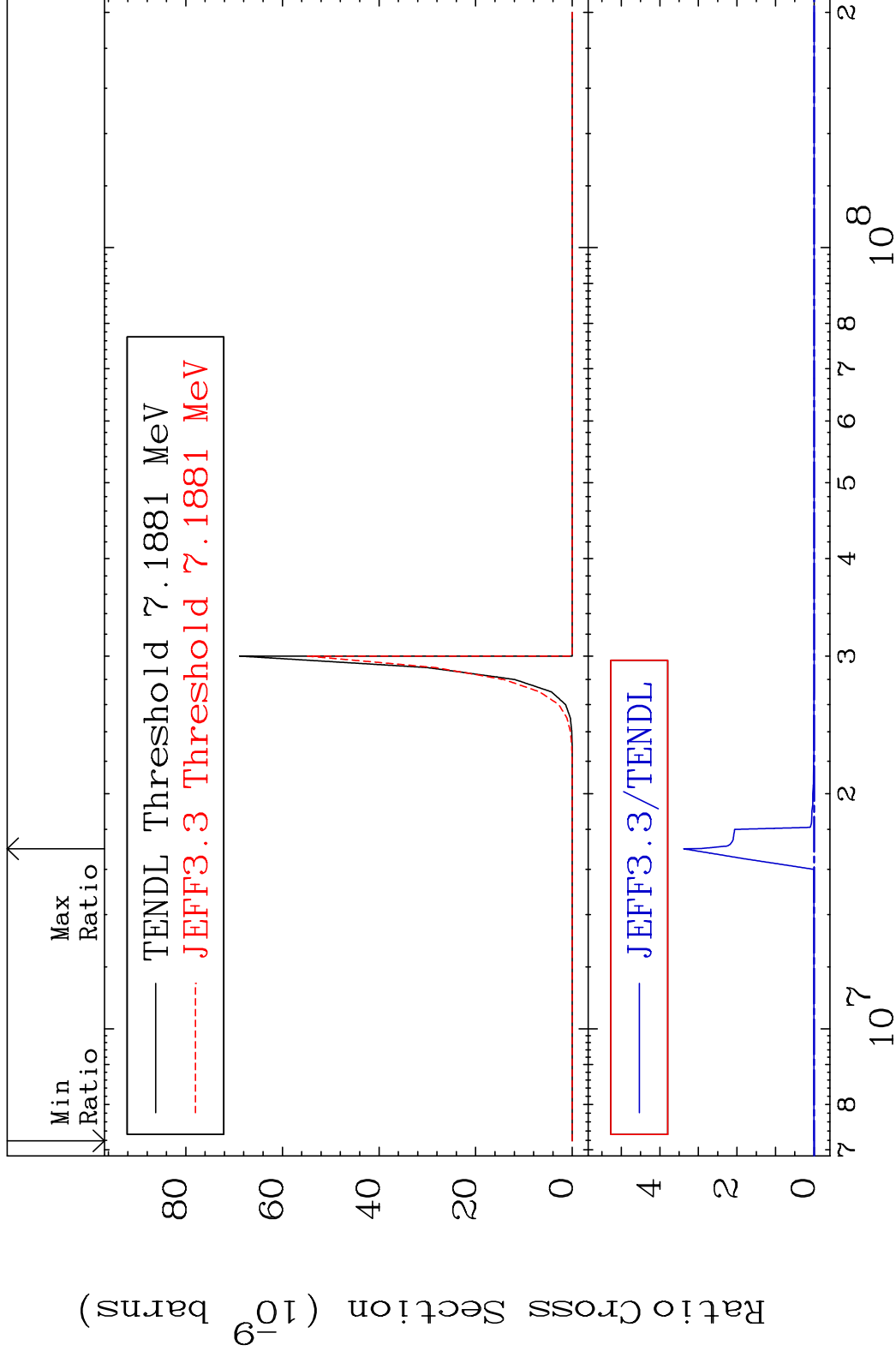
18

Incident Energy (eV)

66-Dy-159

MAT 6634

(n,n') p α 66-Dy-159
Cross Section -100.0 To 9999. %

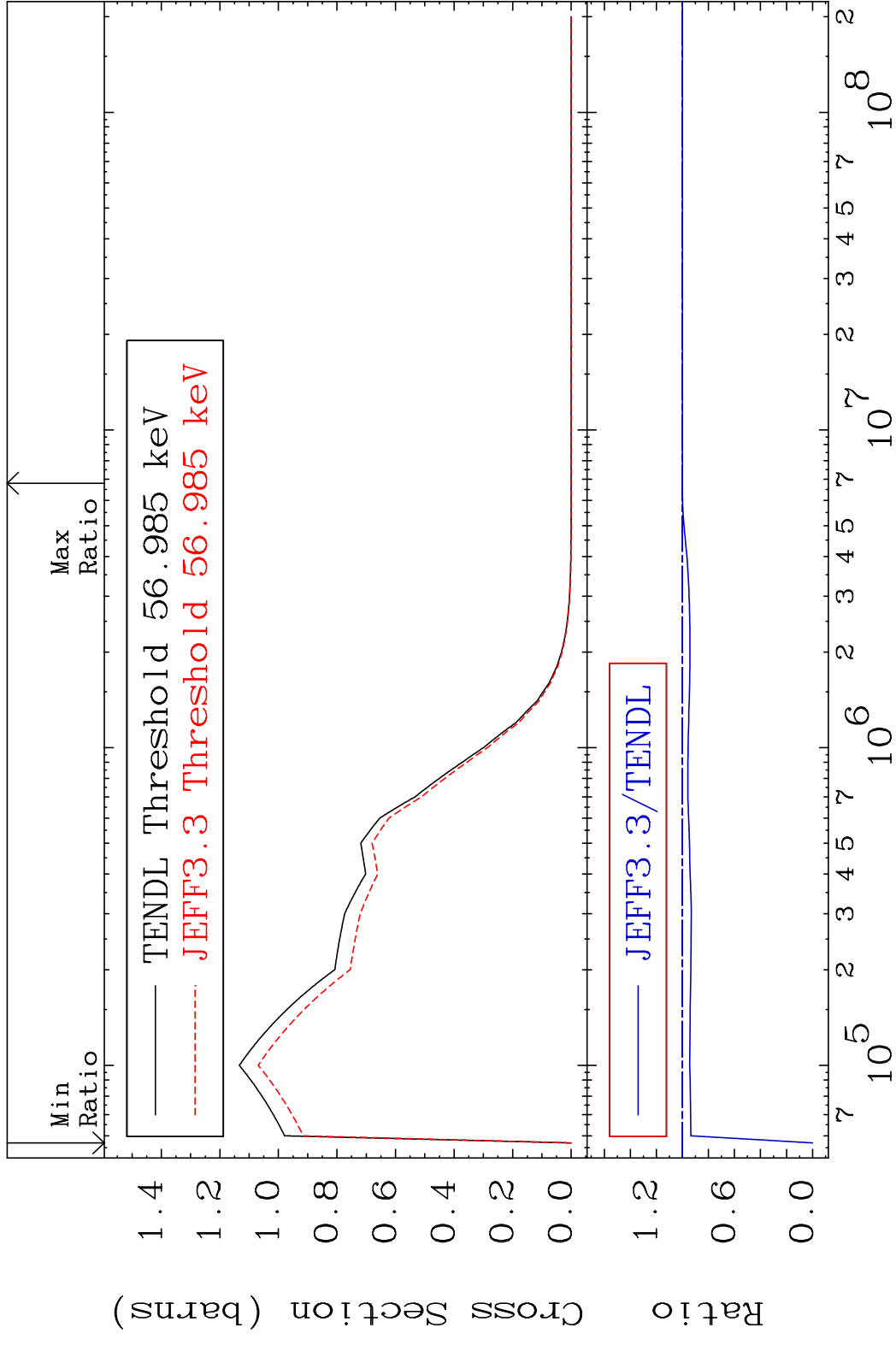


19

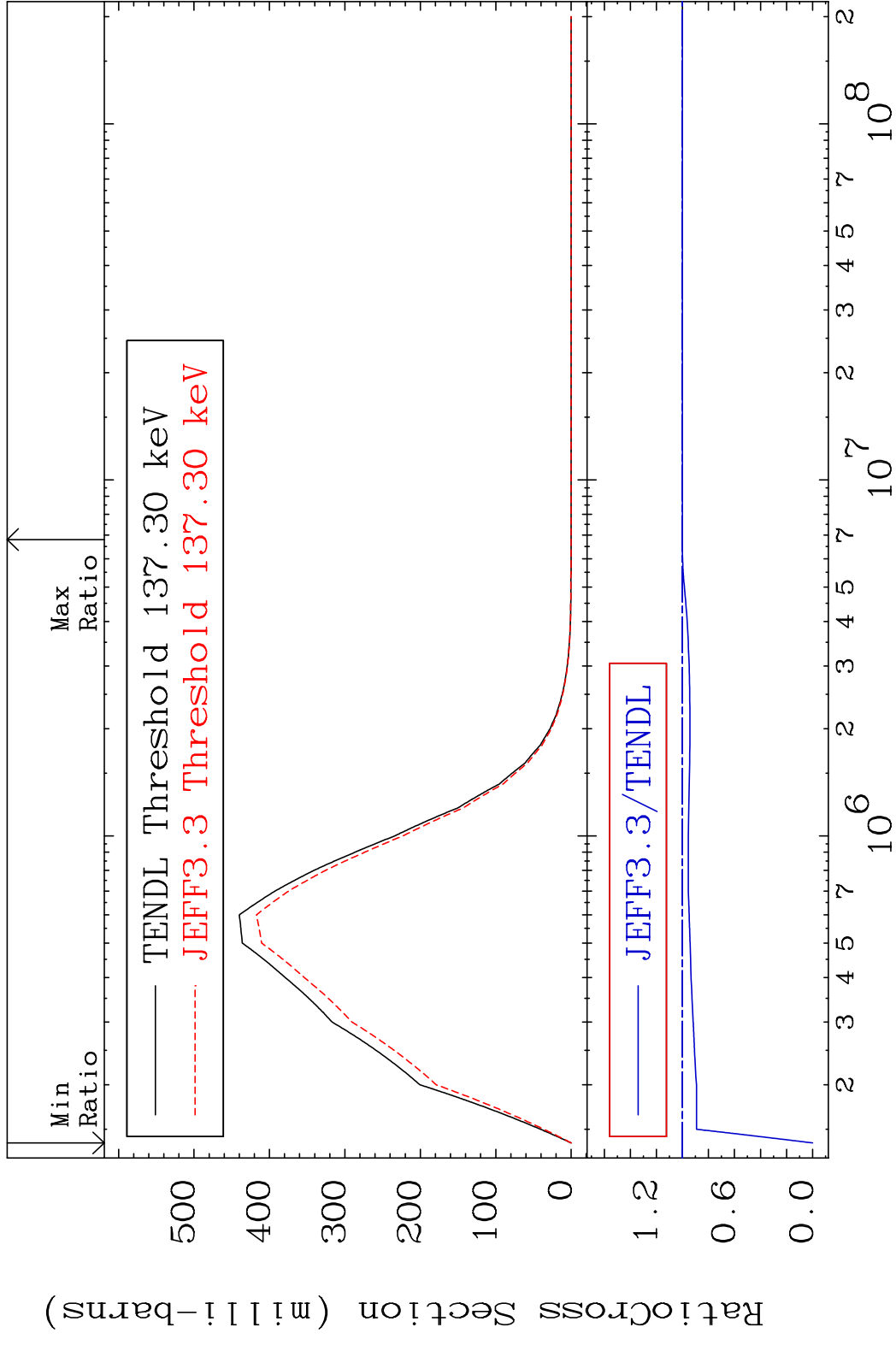
Incident Energy (eV)

66-Dy-159

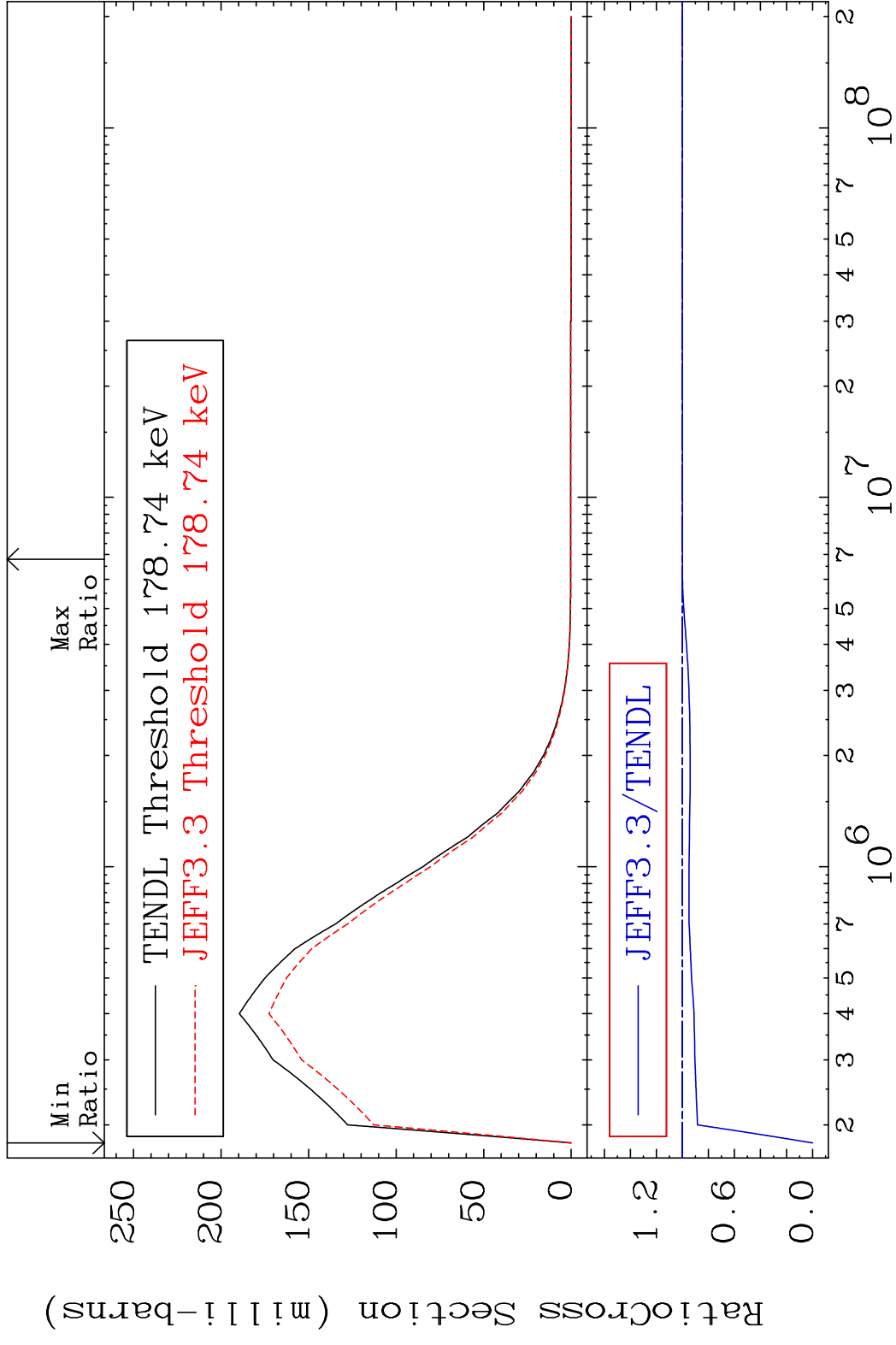
MAT 6634 MT= 51 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.030 %



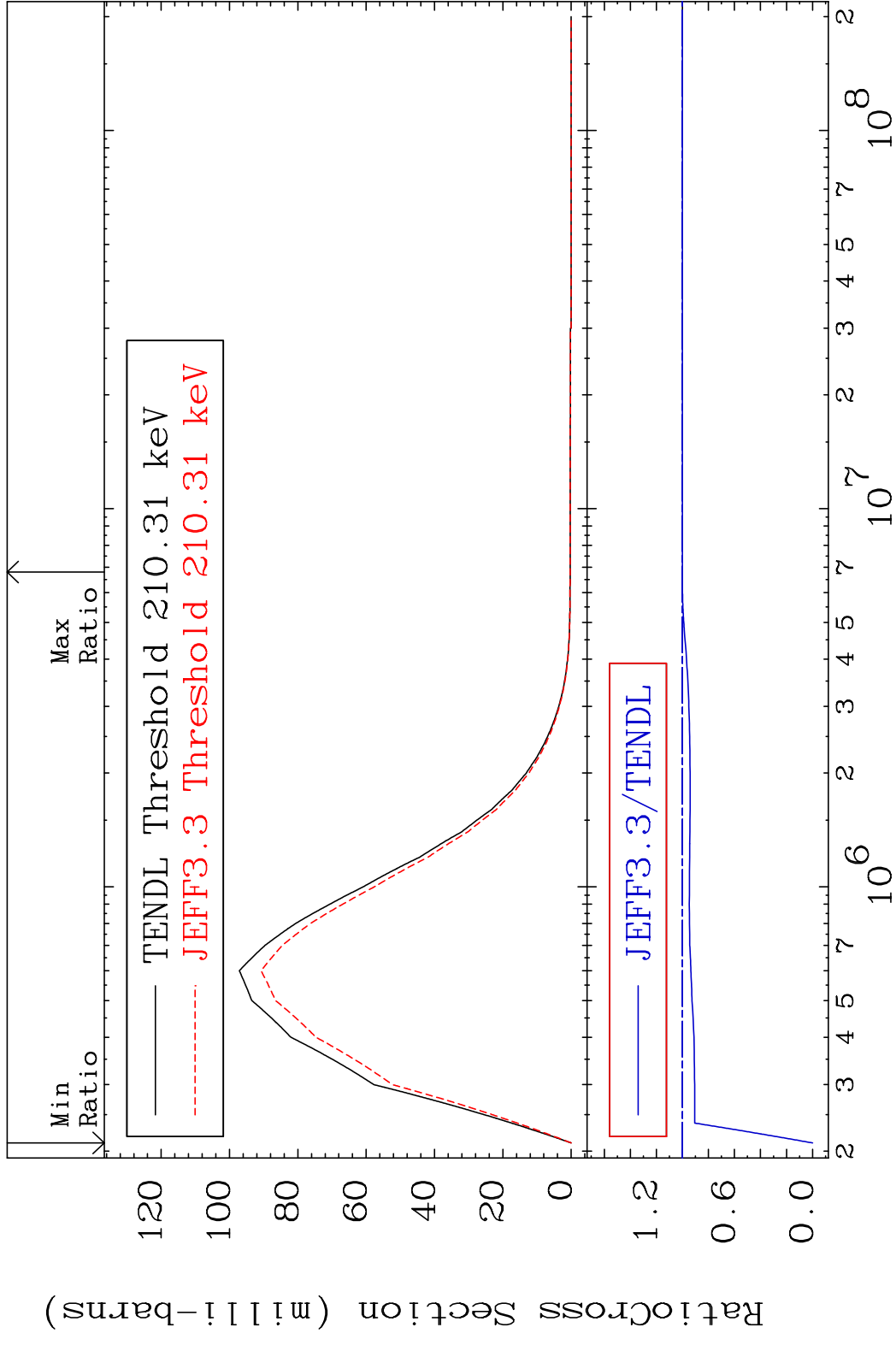
MAT 6634 MT= 52 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.043 %



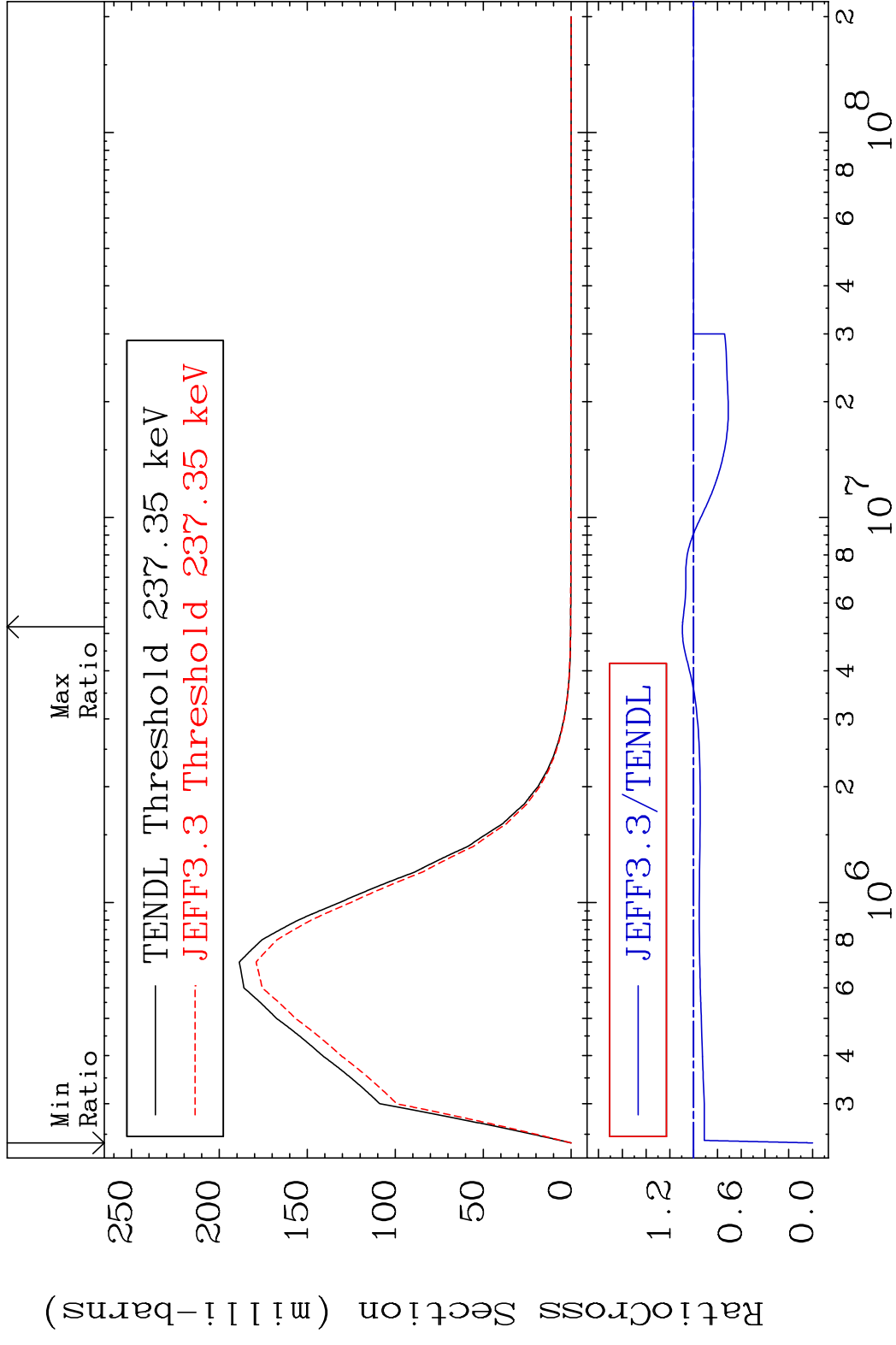
MAT 6634 MT= 53 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.024 %



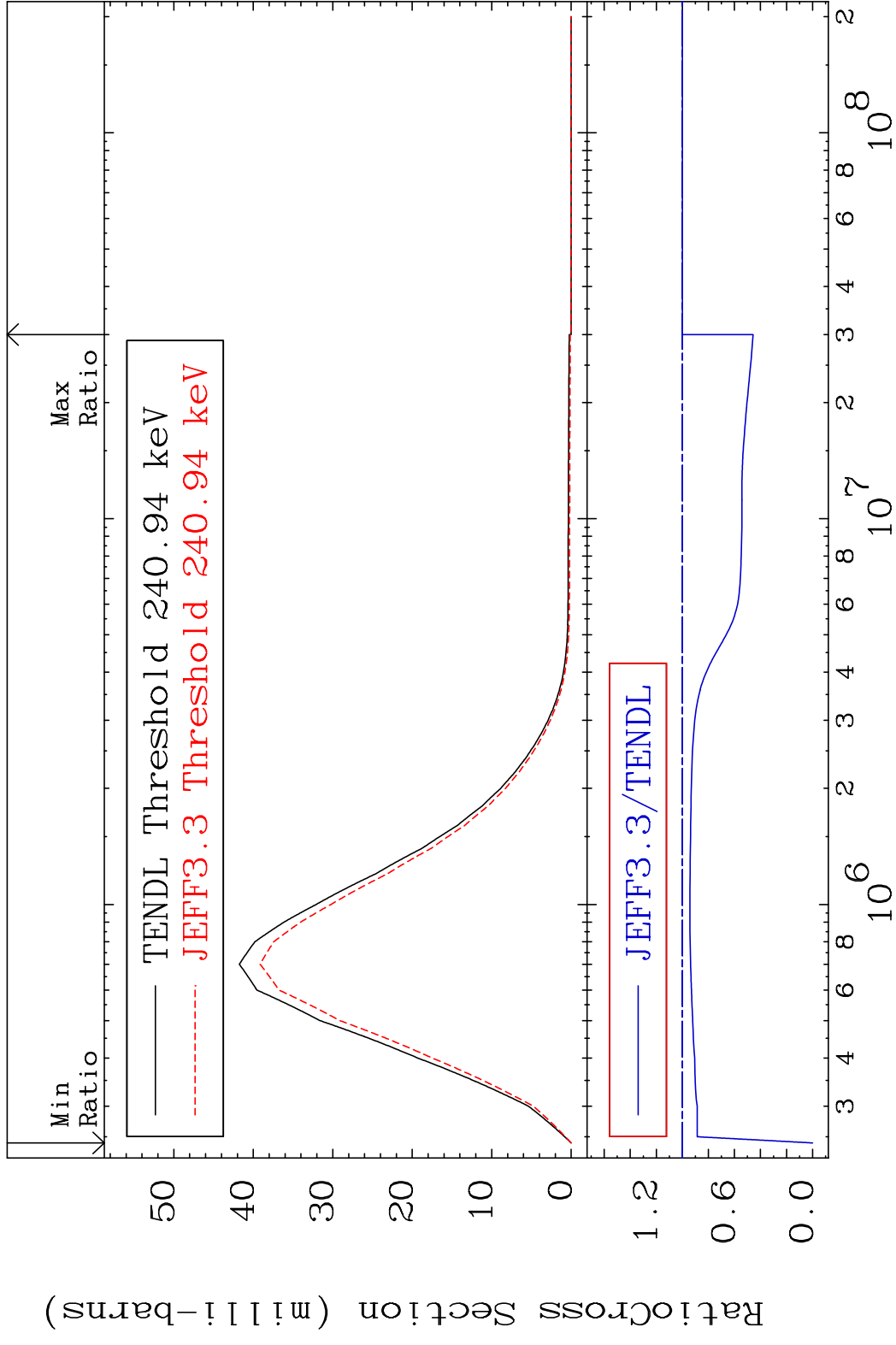
MAT 6634 MT= 54 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.024 %



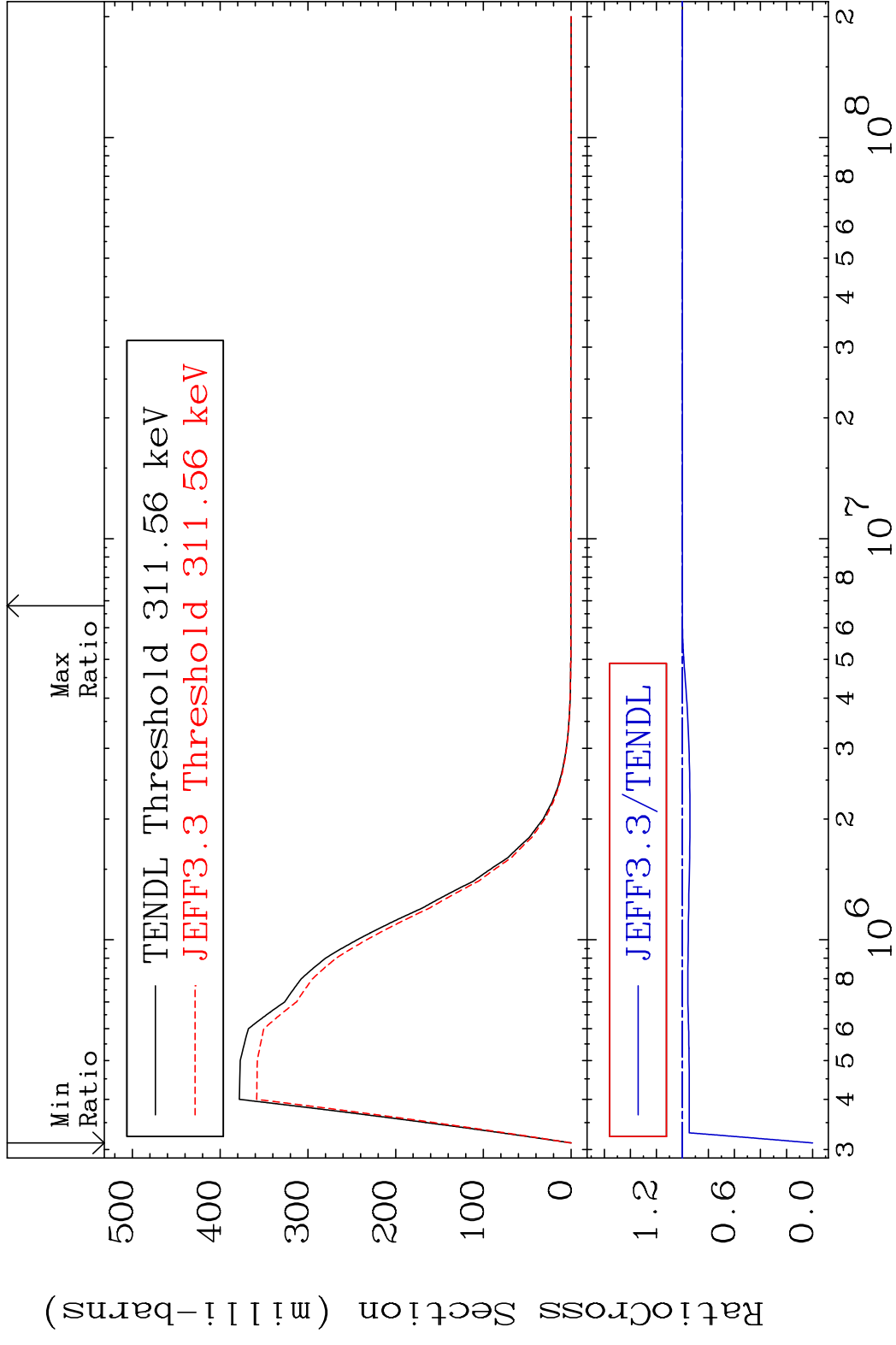
MAT 6634 MT= 55 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 9.497 %



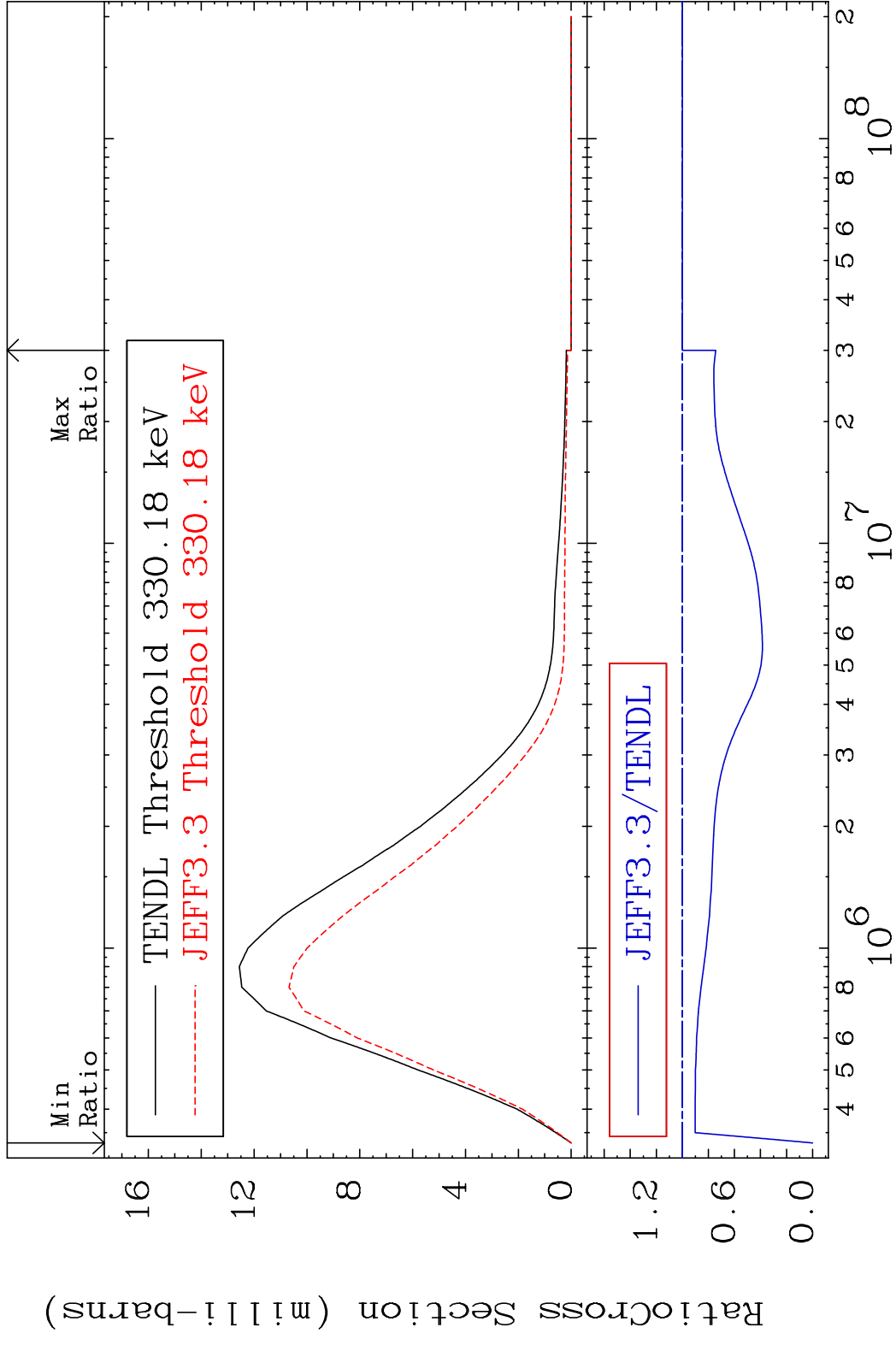
MAT 6634 MT= 56 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.000 %



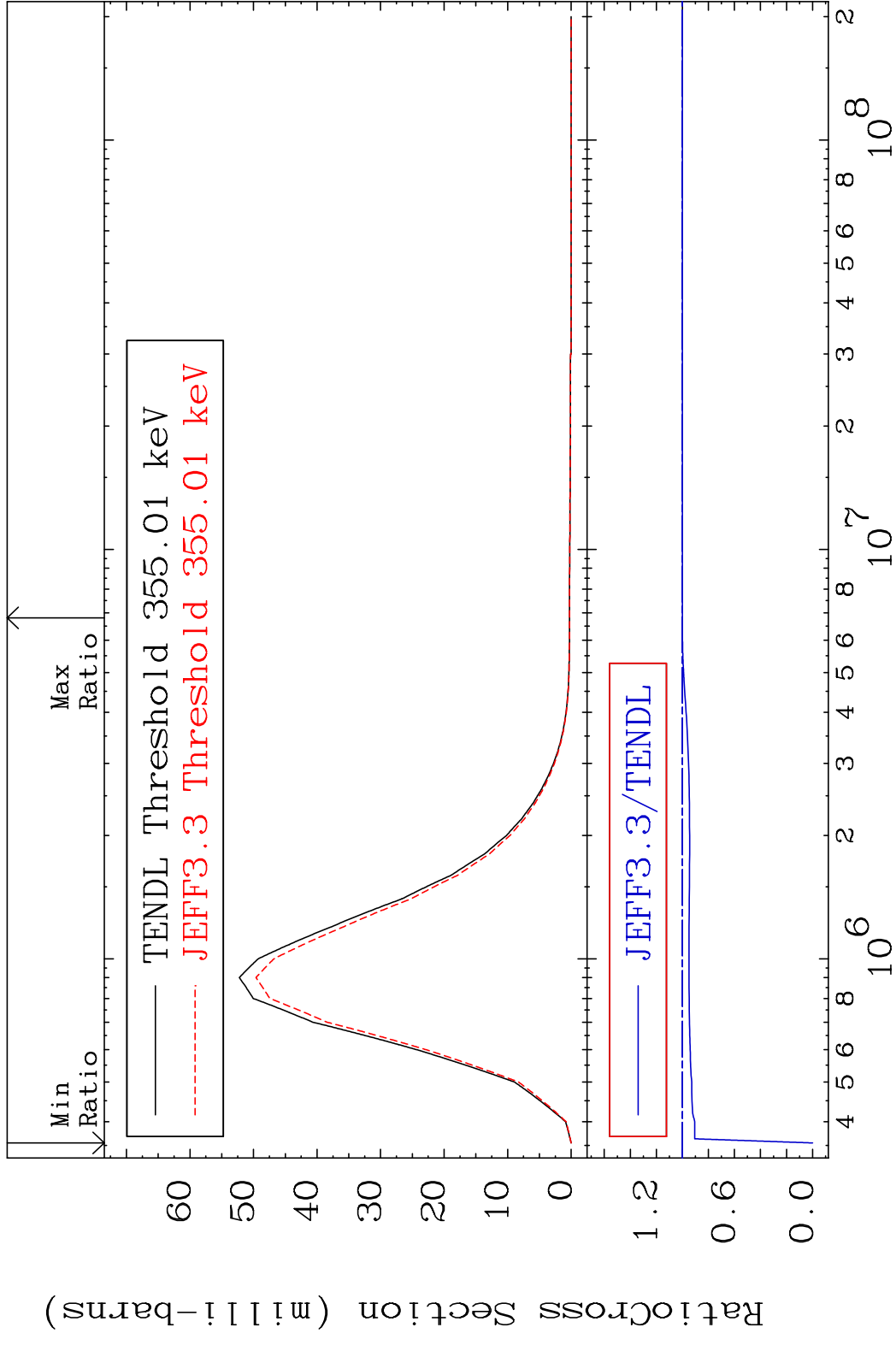
MAT 6634 MT= 57 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.025 %



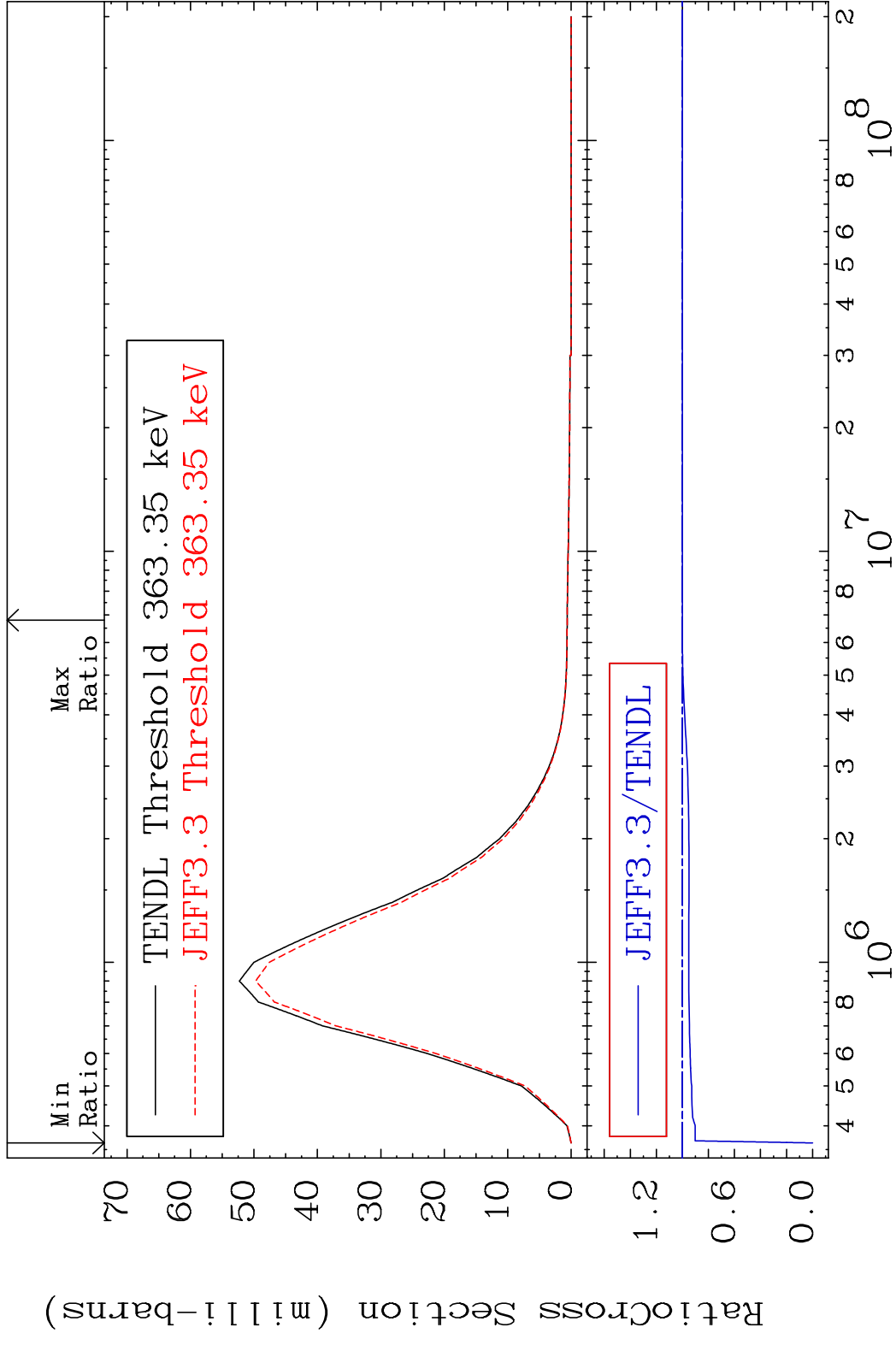
MAT 6634 MT= 58 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.000 %



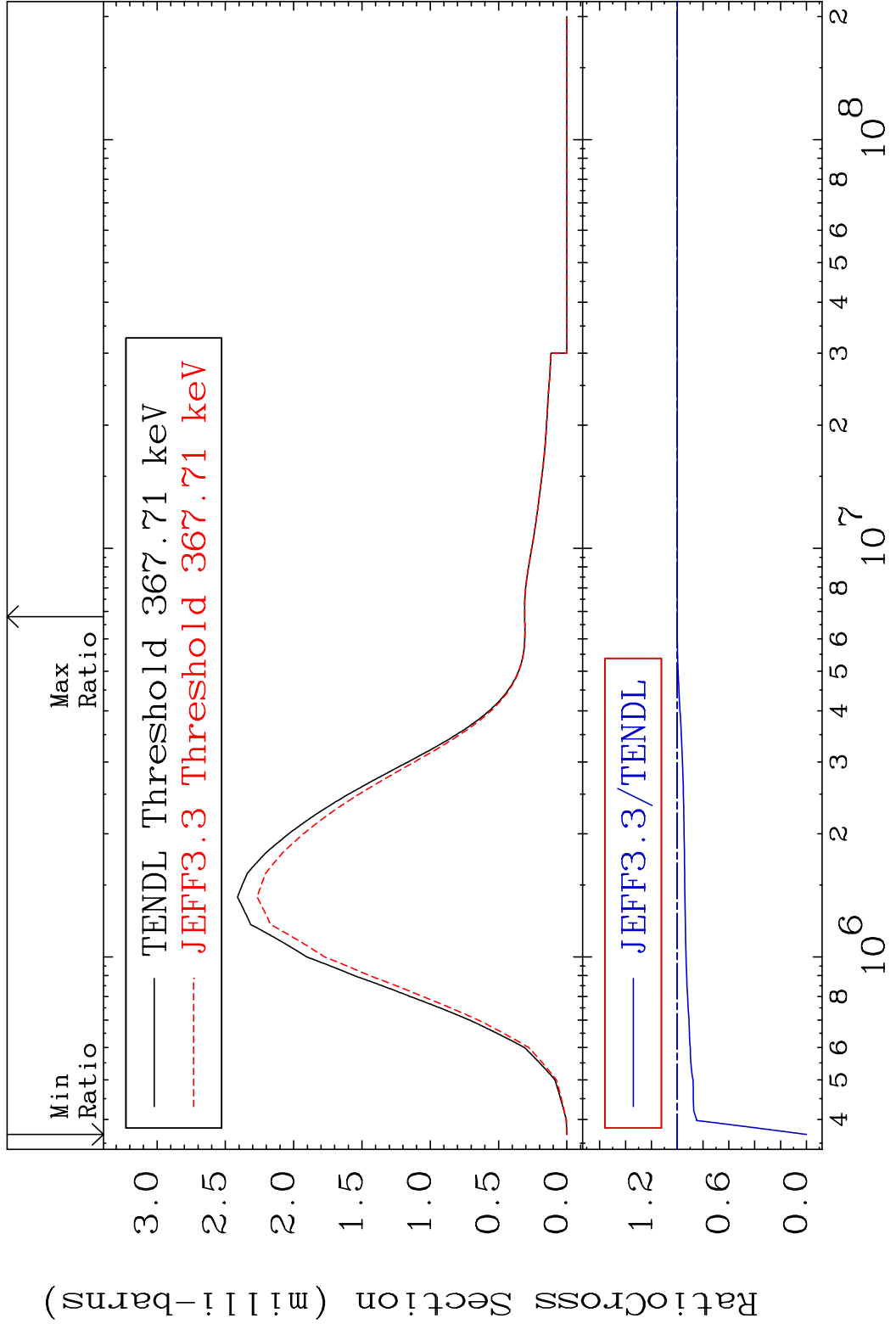
MAT 6634 MT= 59 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.022 %



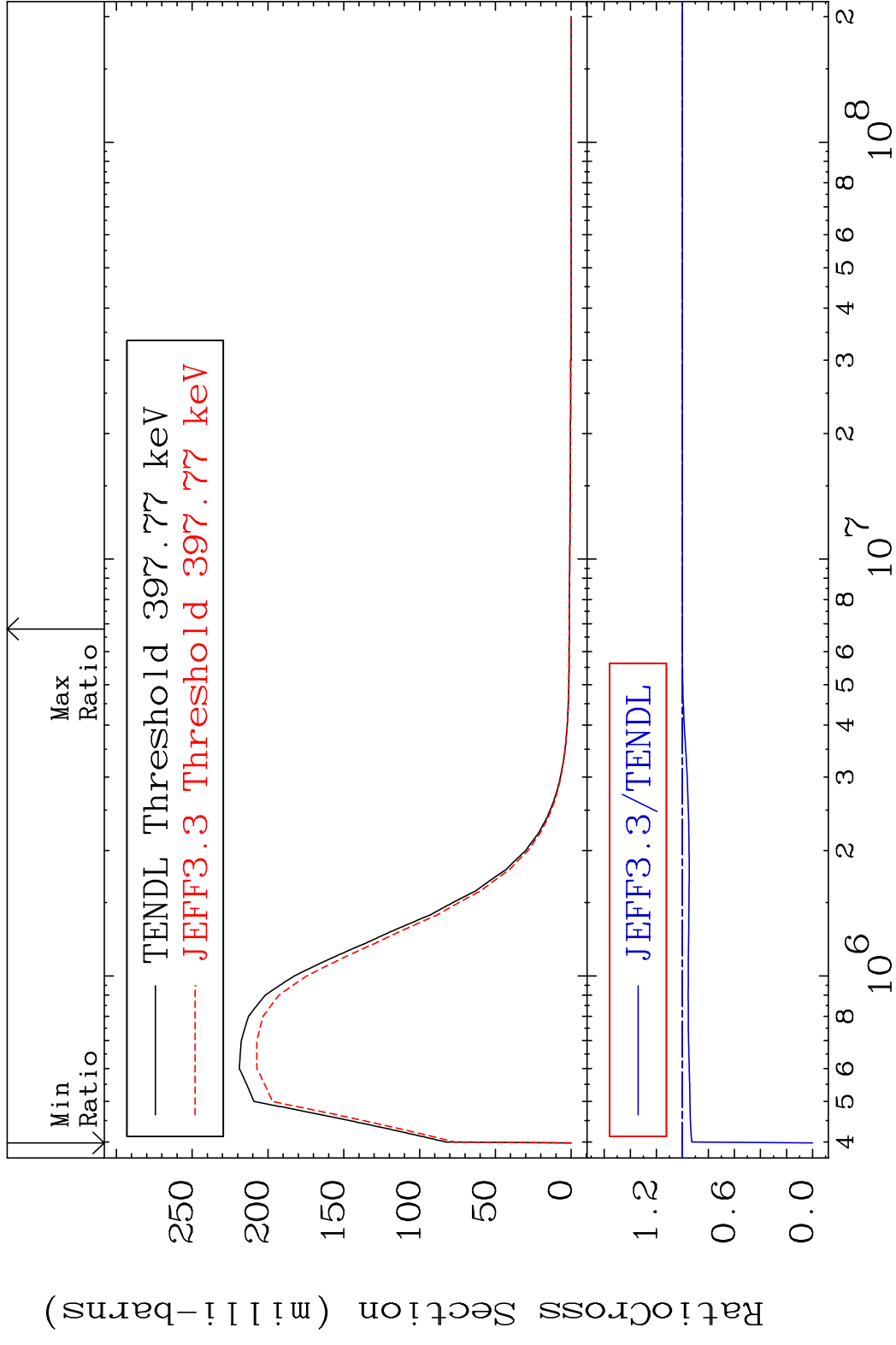
MAT 6634 MT= 60 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.009 %



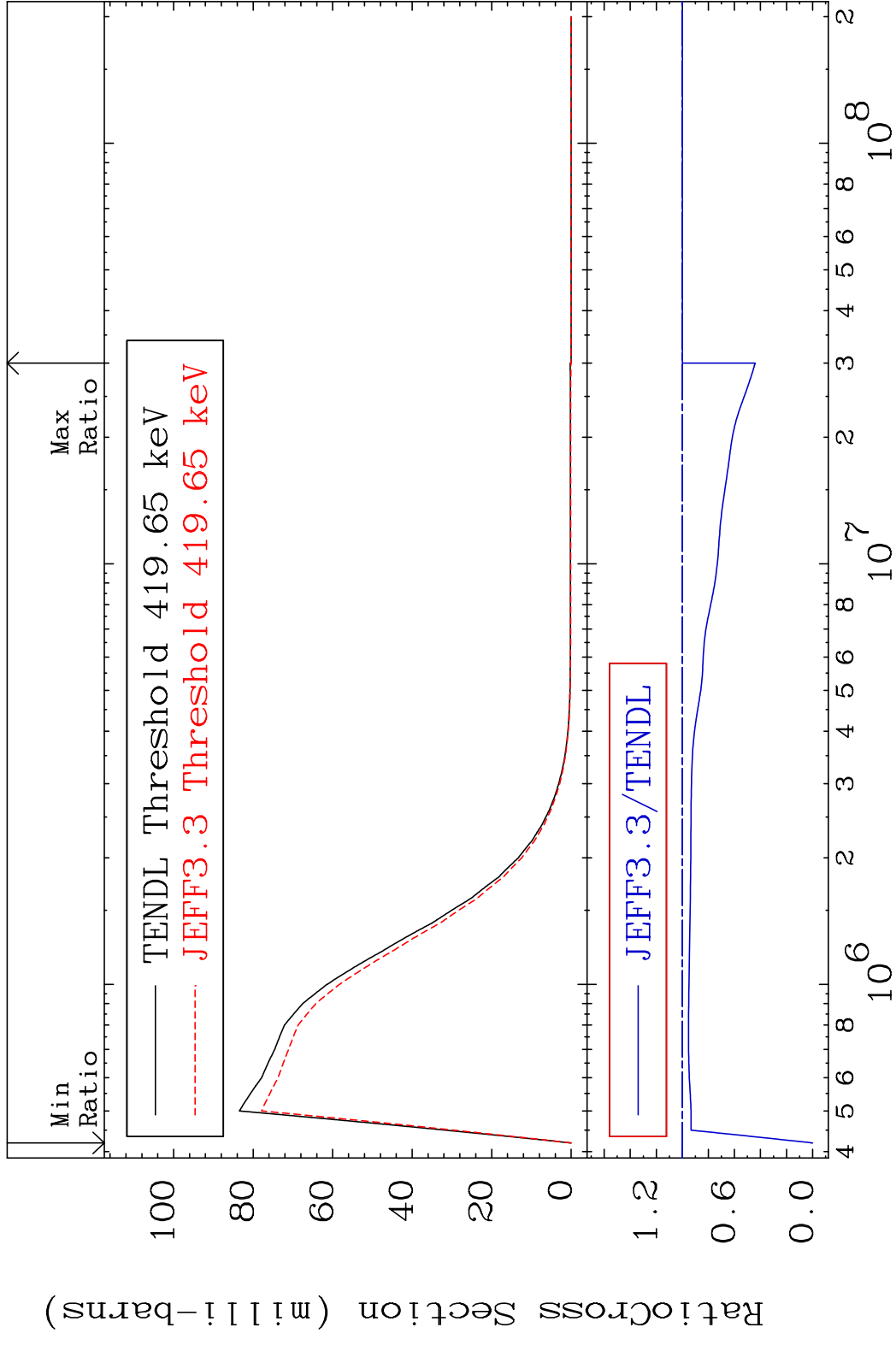
MAT 6634 MT= 61 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.014 %



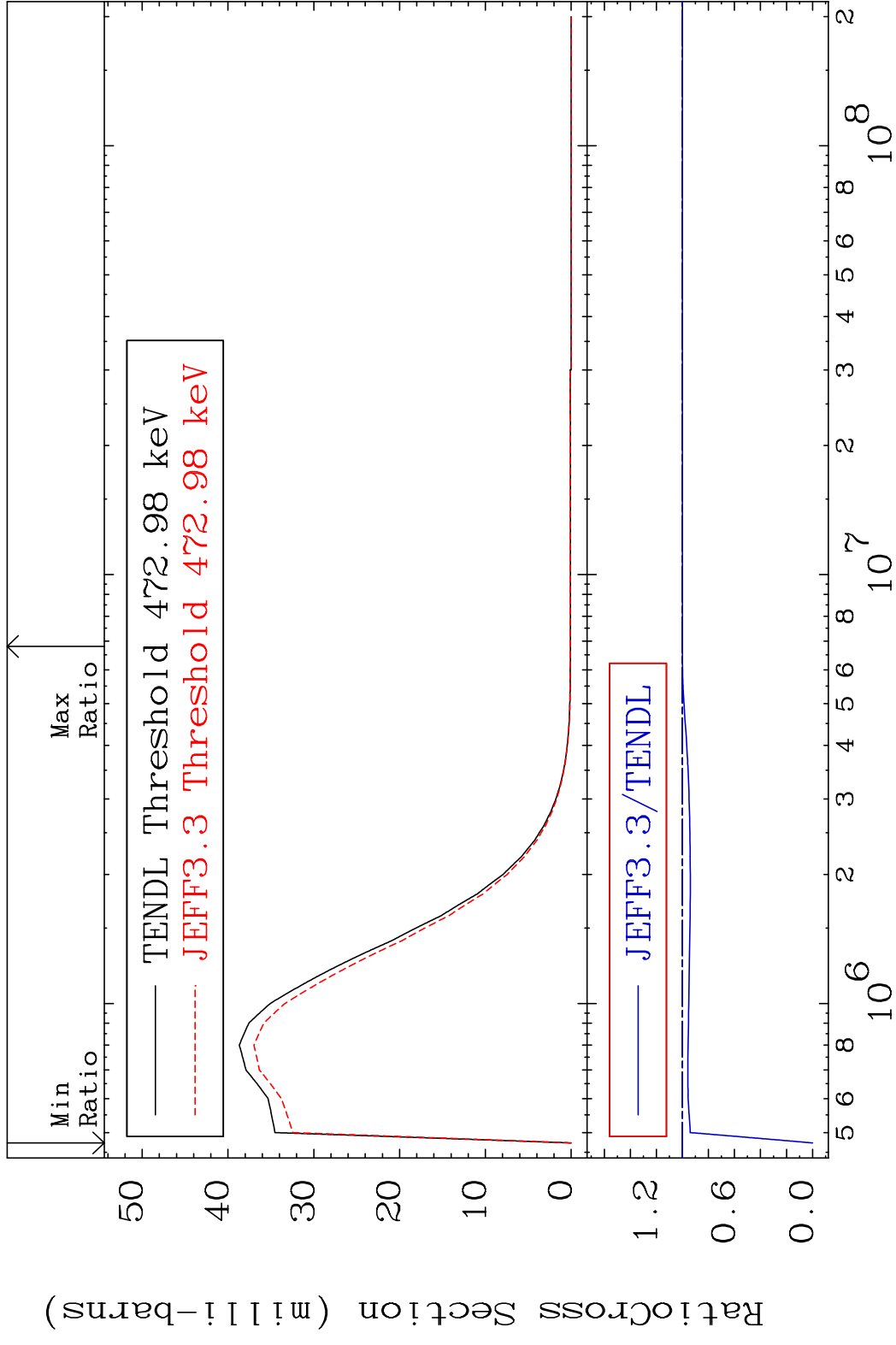
MAT 6634 MT= 62 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.006 %



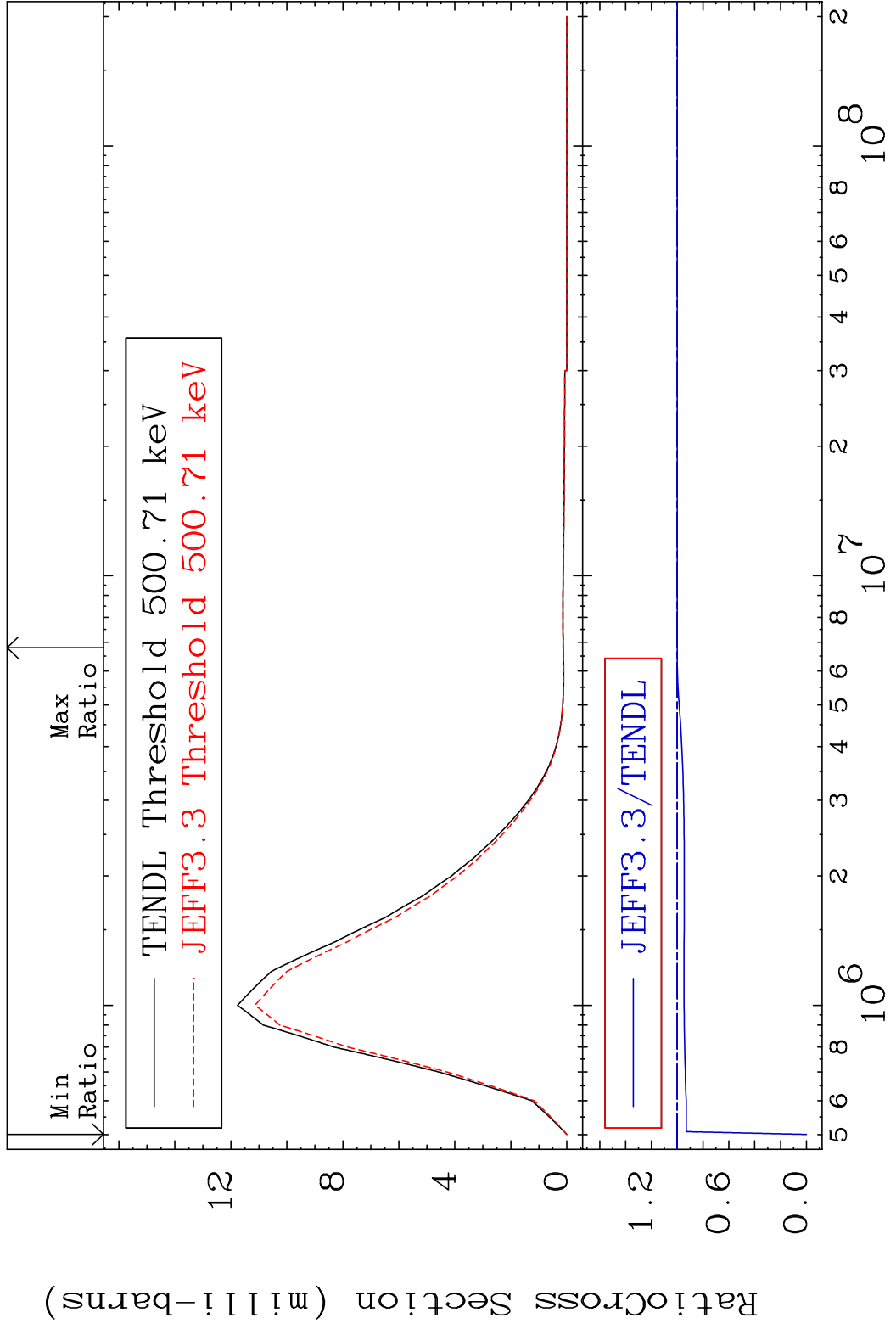
MAT 6634 MT= 63 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.000 %



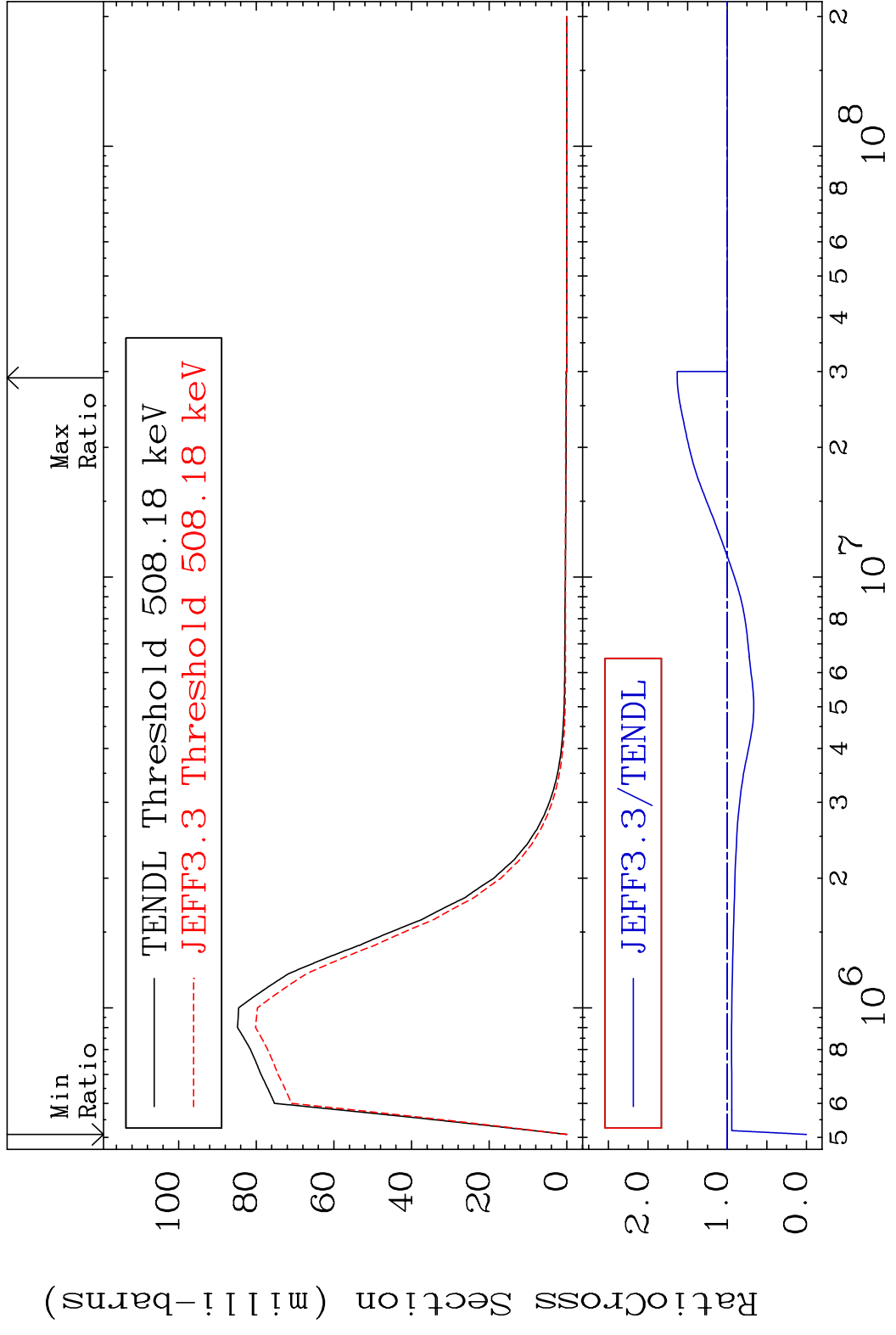
MAT 6634 MT= 64 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.031 %



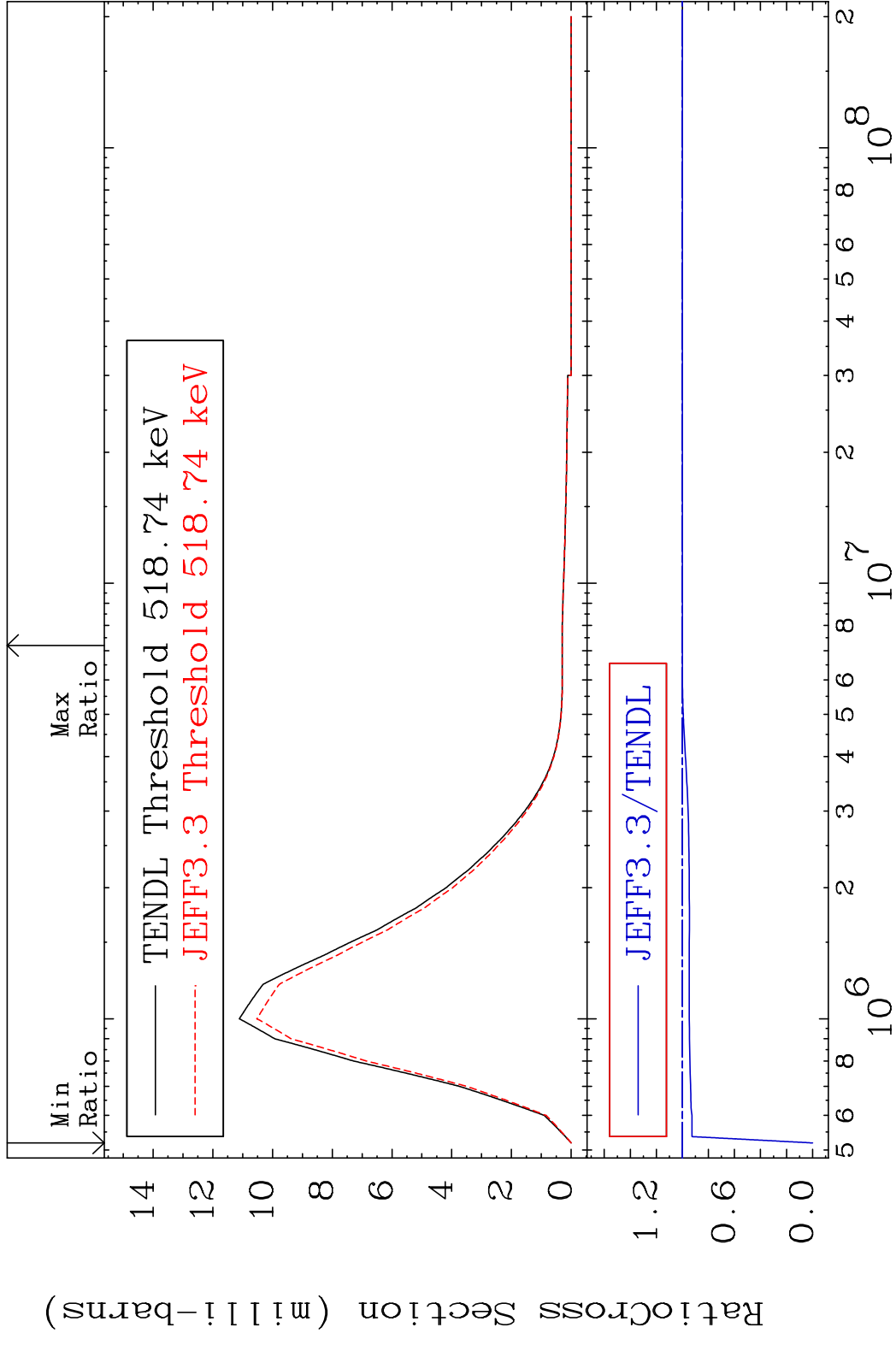
MAT 6634 MT= 65 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.034 %



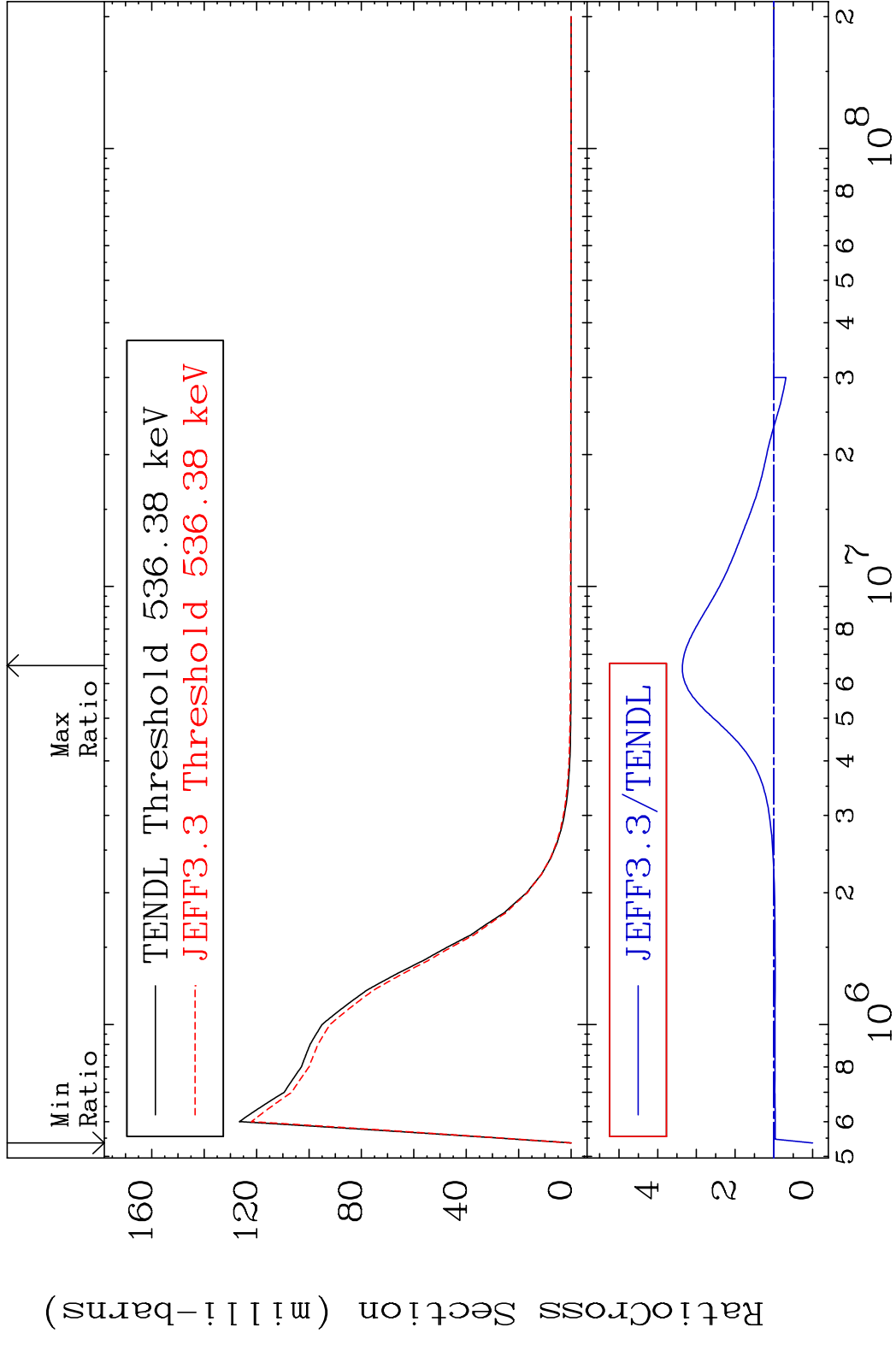
MAT 6634 MT= 66 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 63.23 %



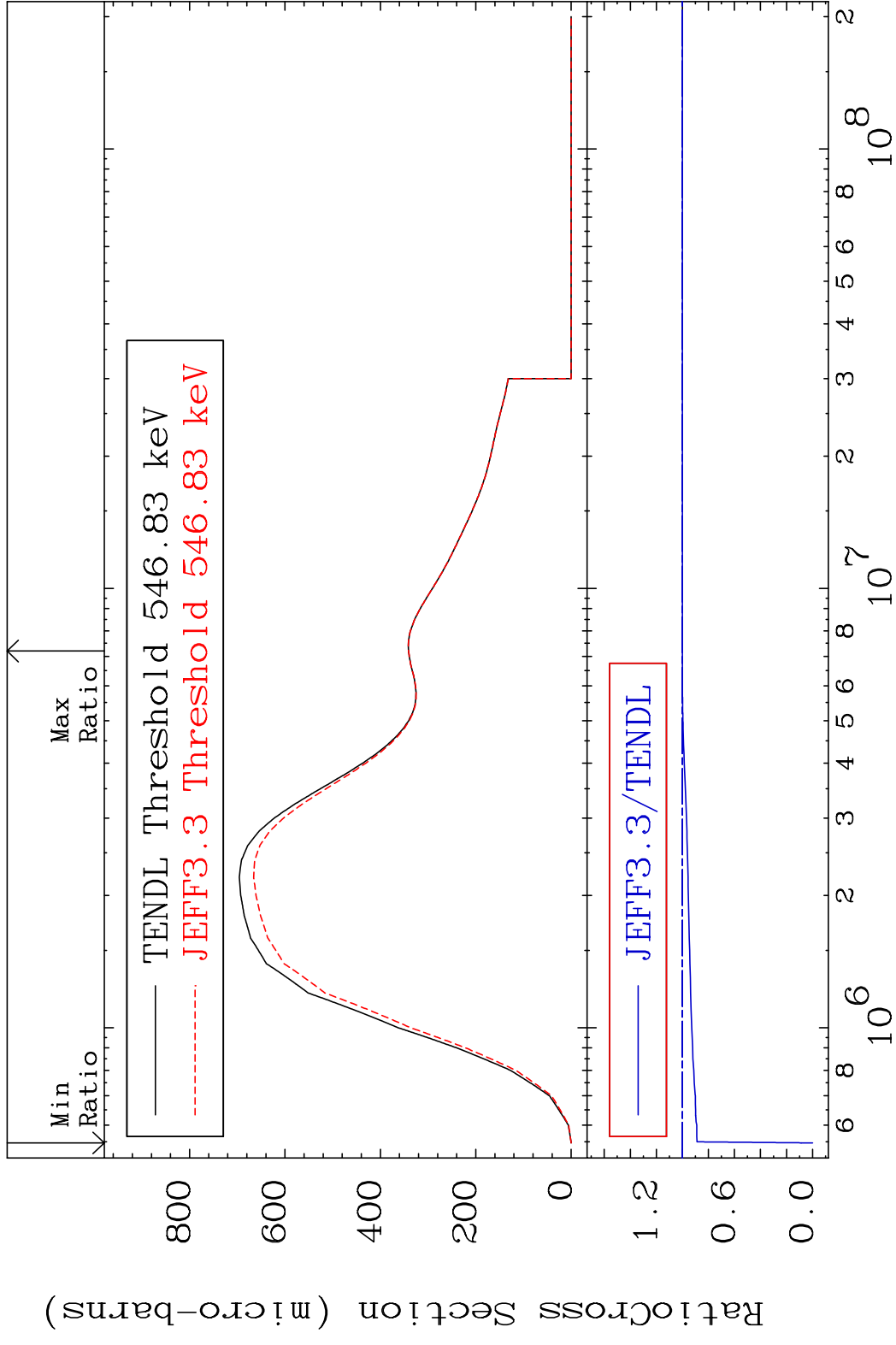
MAT 6634 MT= 67 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.014 %



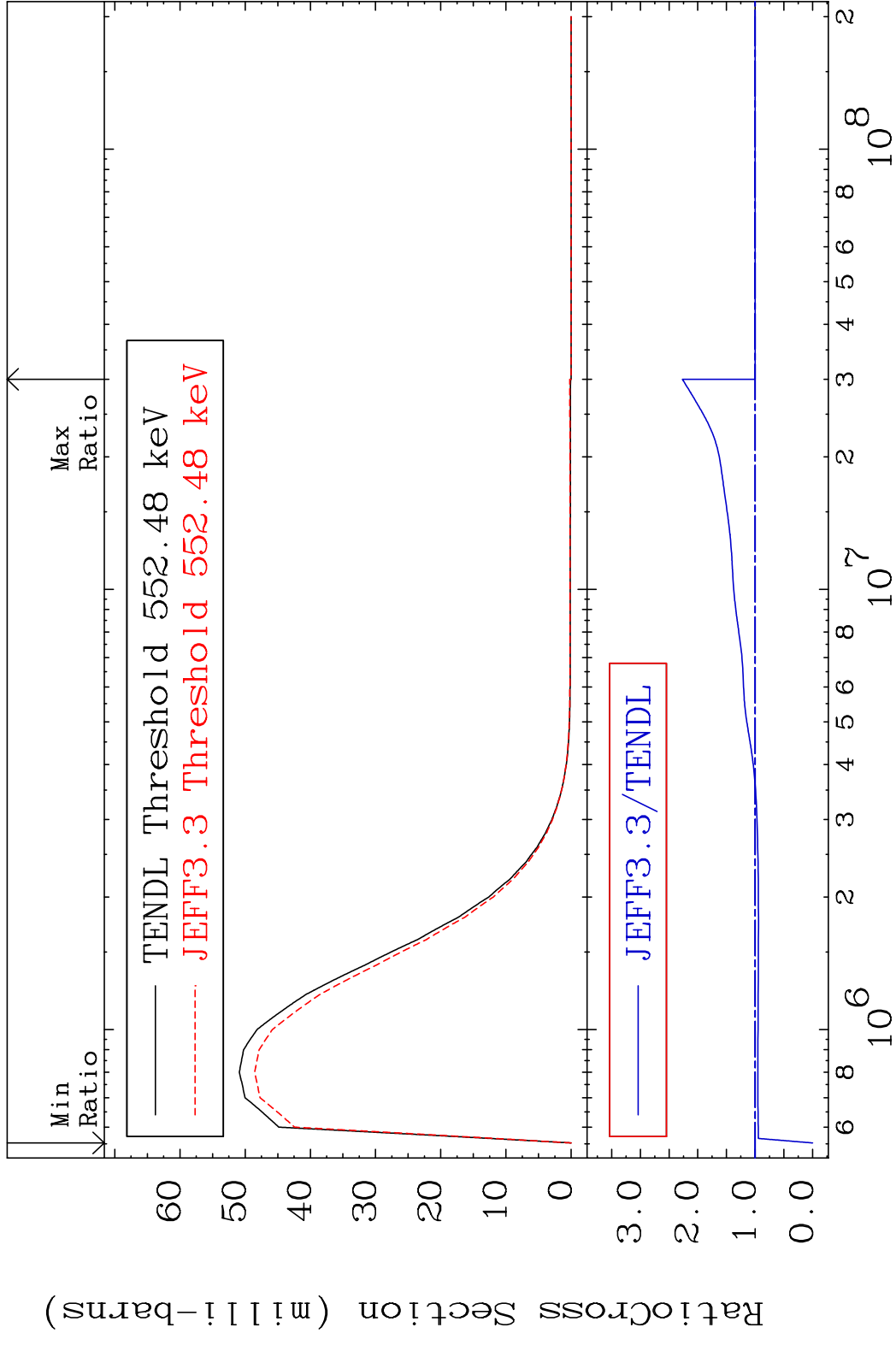
MAT 6634 MT= 68 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 236.2 %



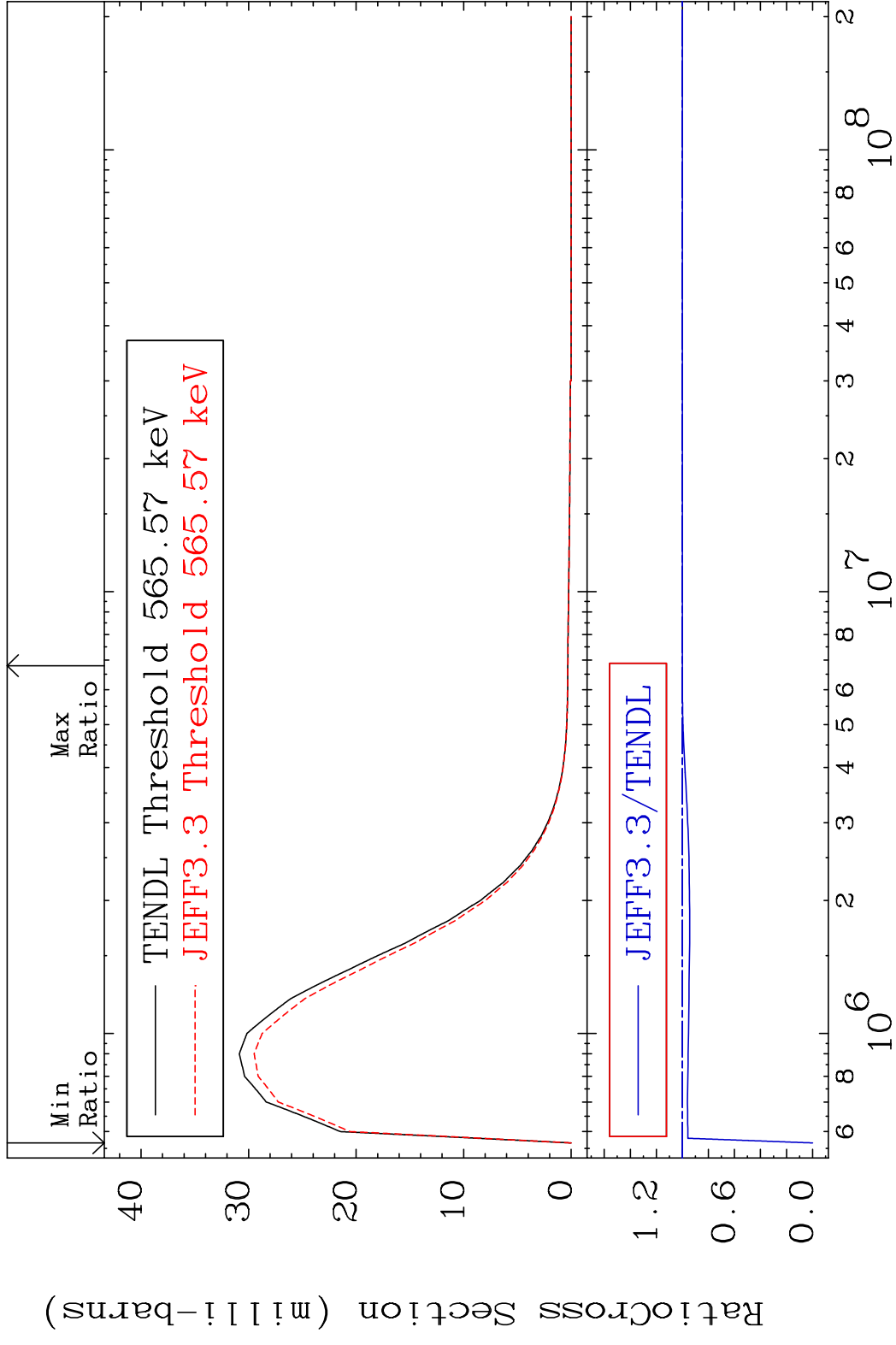
MAT 6634 MT= 69 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.009 %



MAT 6634 MT= 70 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 126.9 %

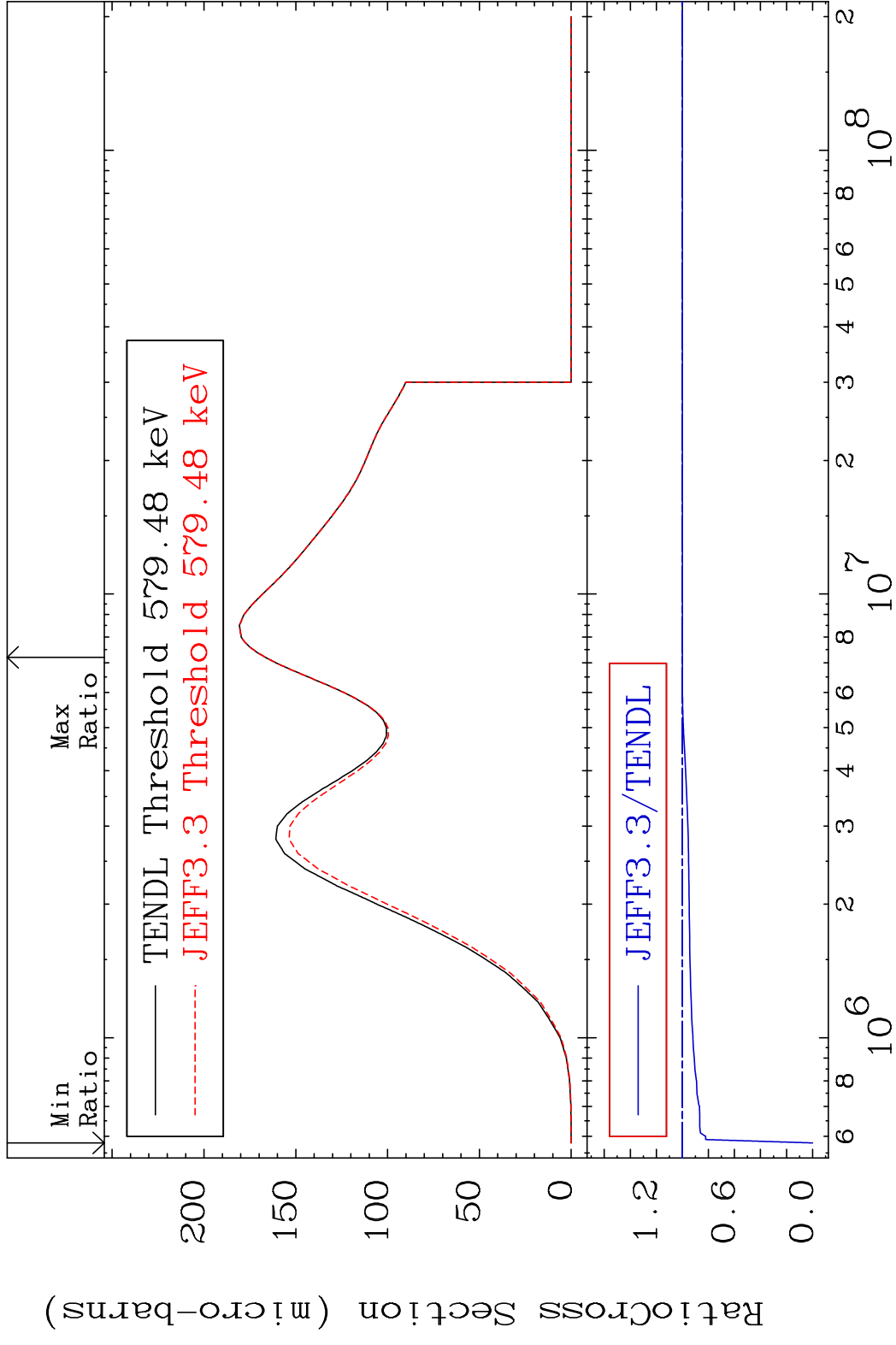


MAT 6634 MT= 71 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.009 %

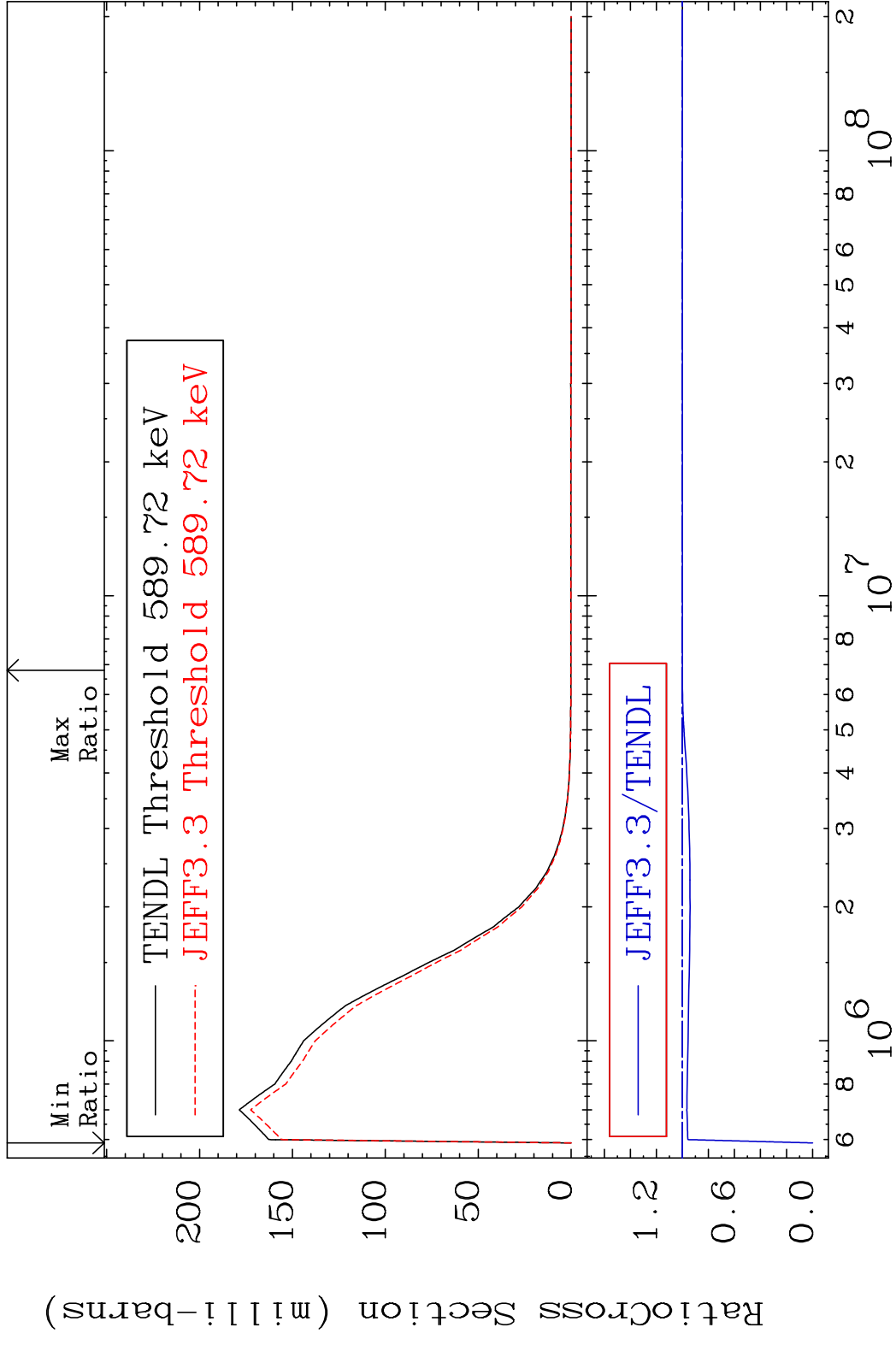


40 Incident Energy (eV) 66-Dy-159

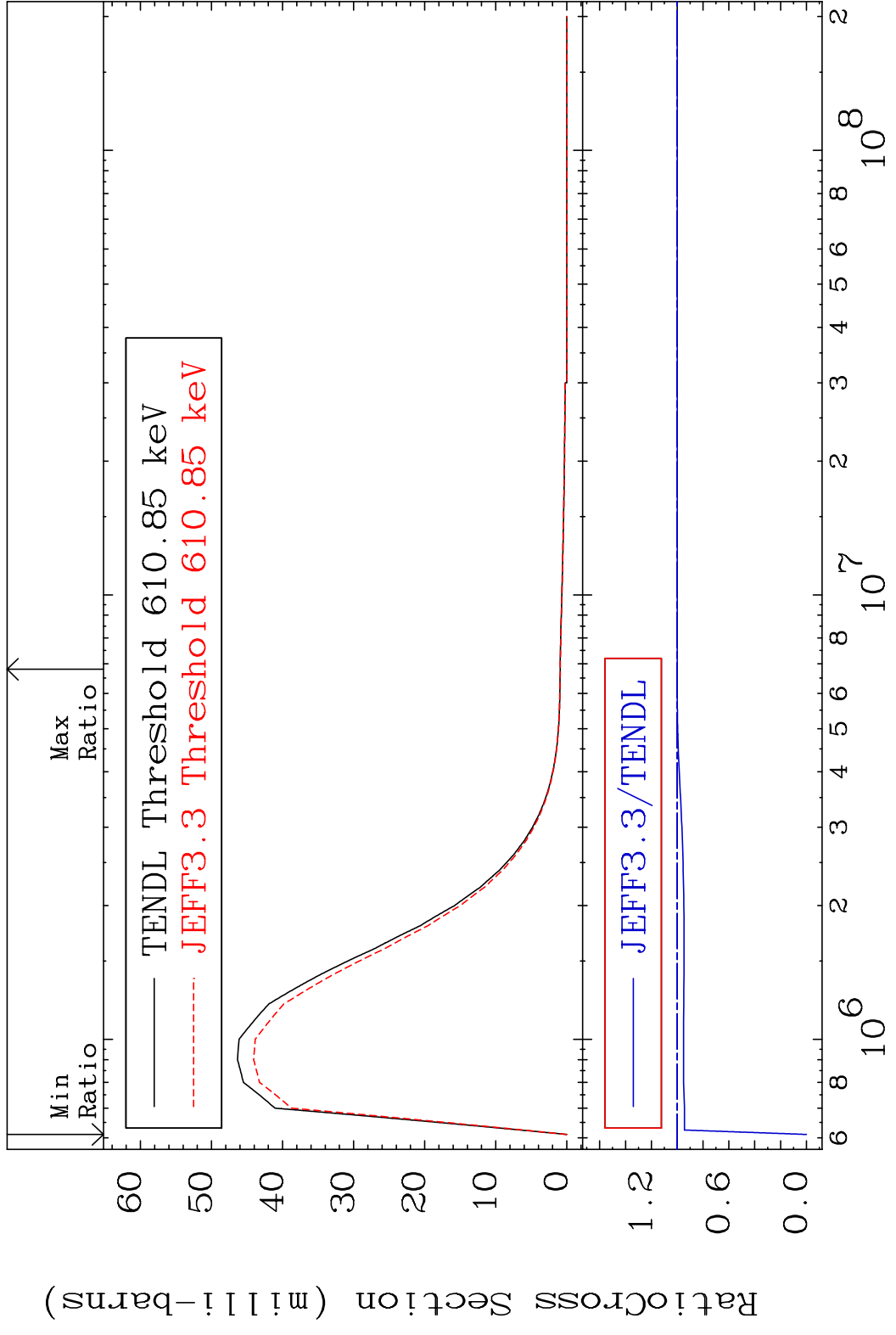
MAT 6634 MT= 72 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.011 %



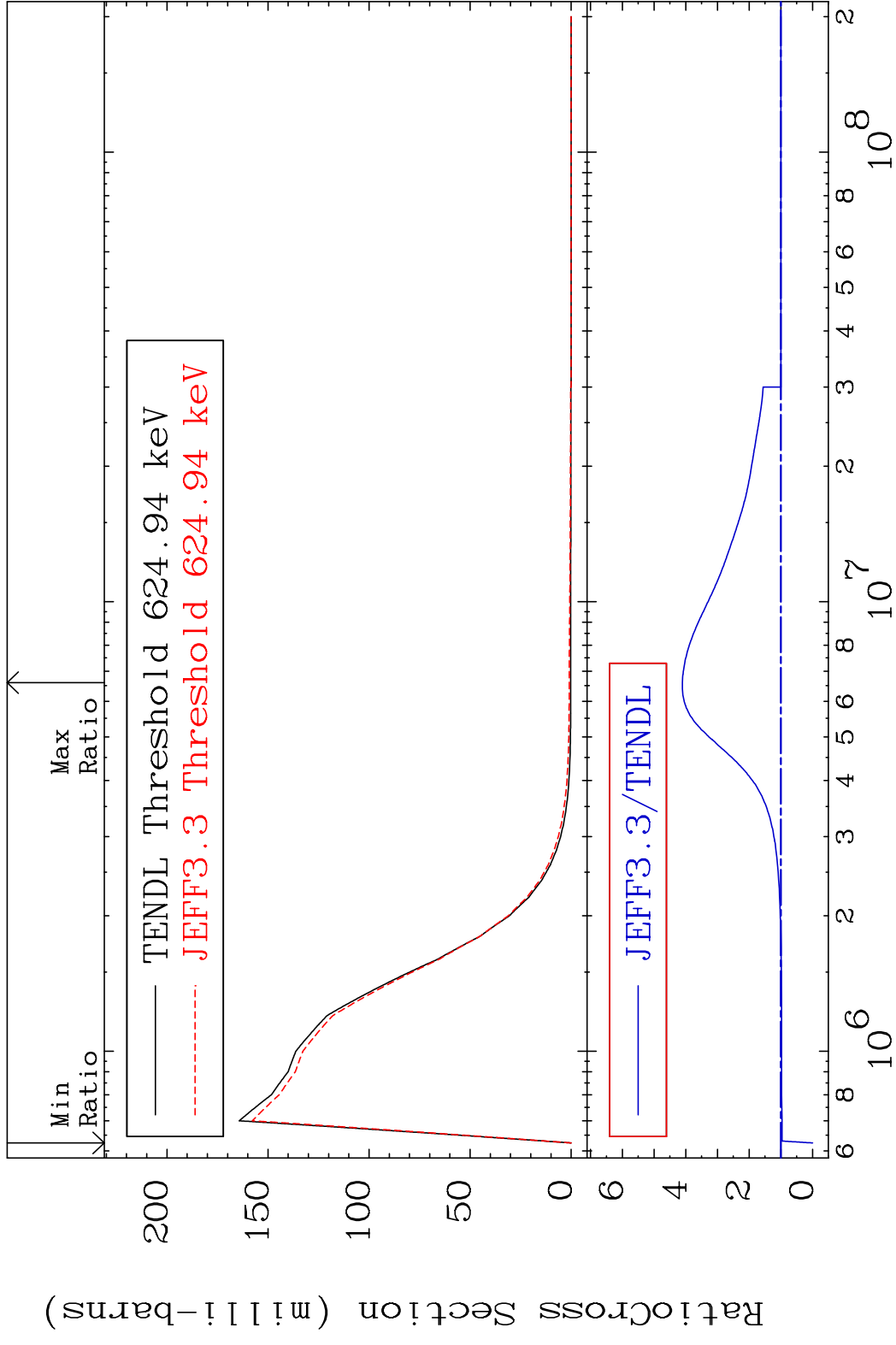
MAT 6634 MT= 73 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.029 %



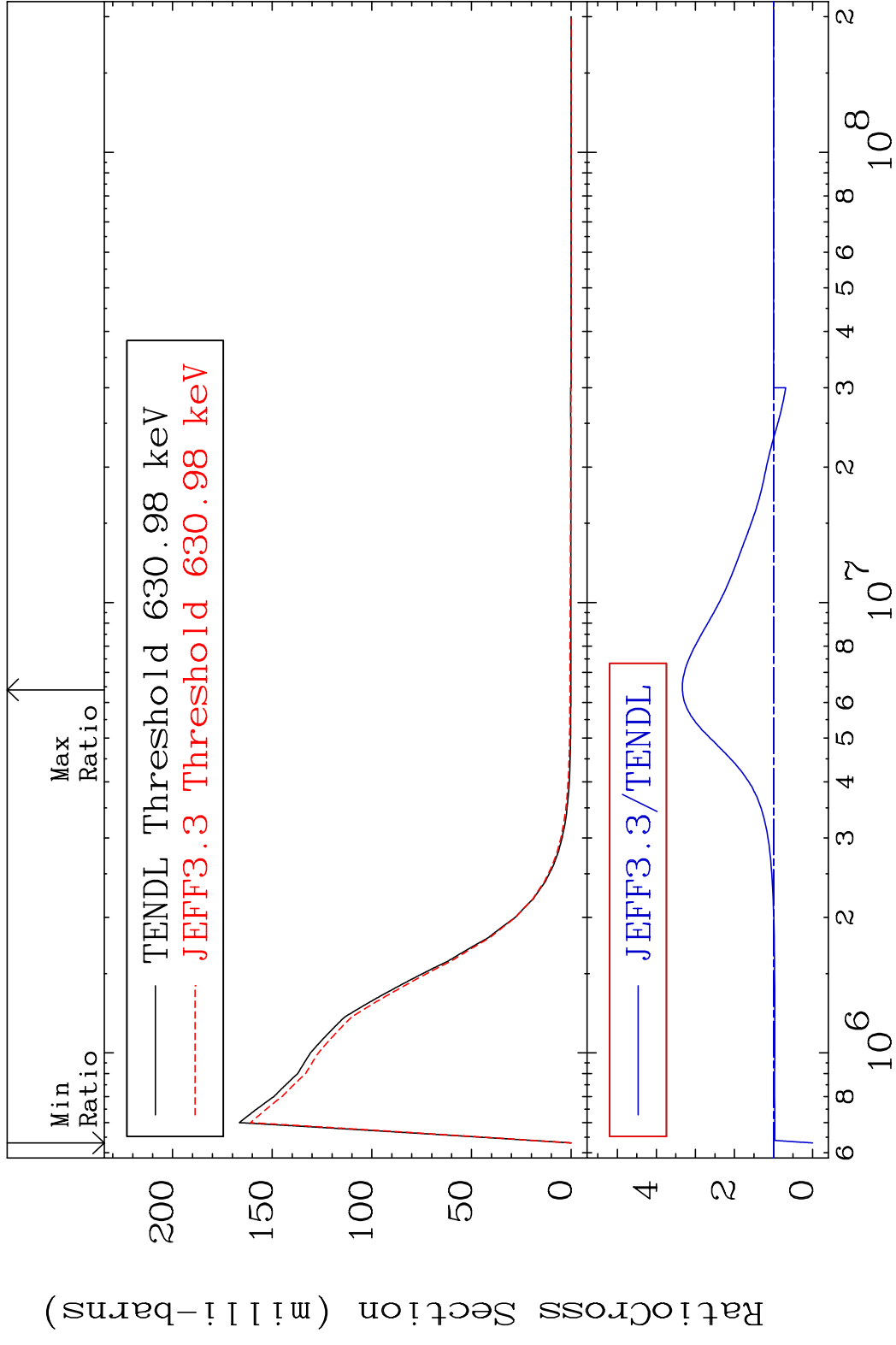
MAT 6634 MT= 74 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.007 %



MAT 6634 MT= 75 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 310.6 %

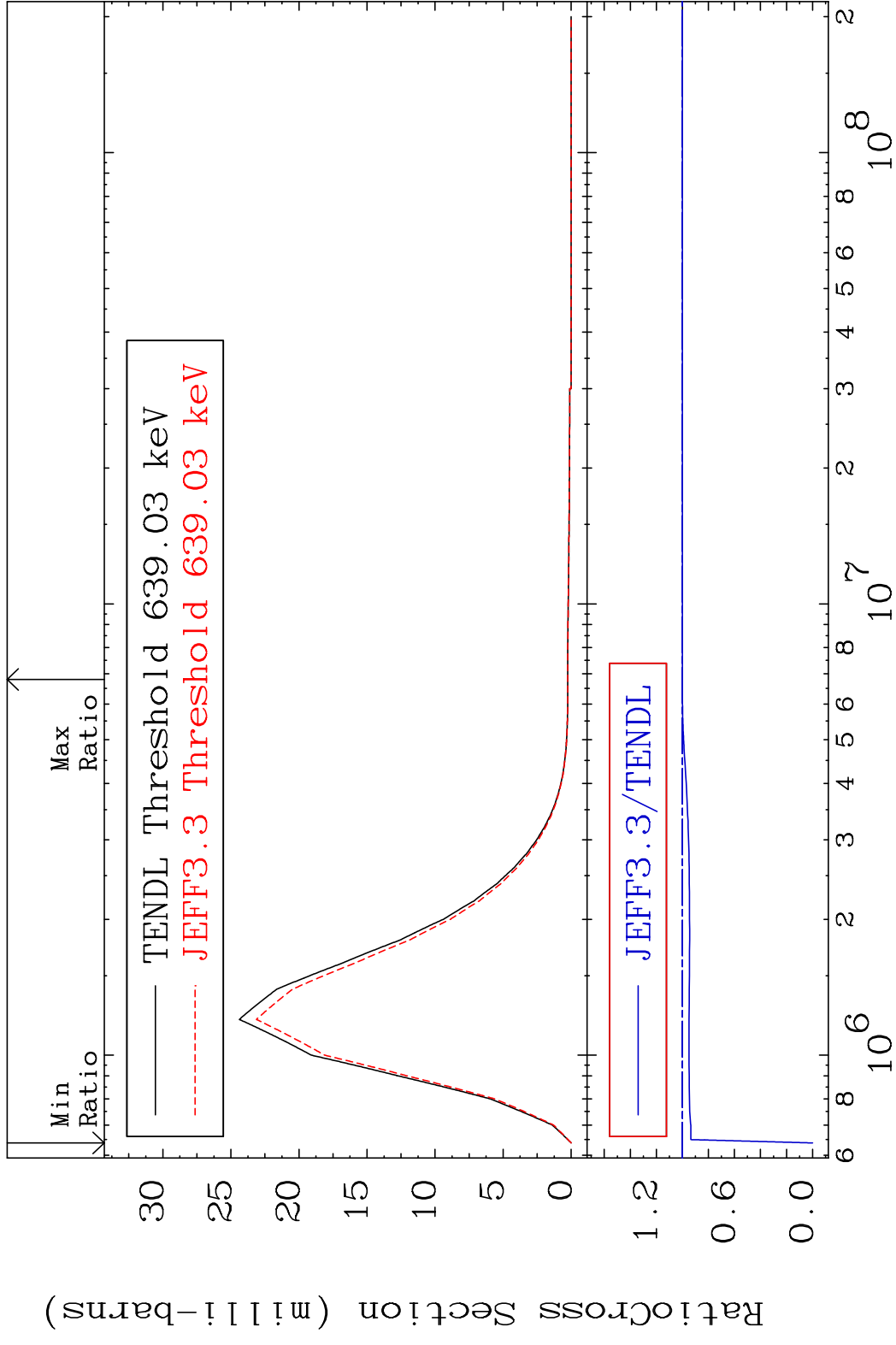


MAT 6634 MT= 76 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 233.4 %

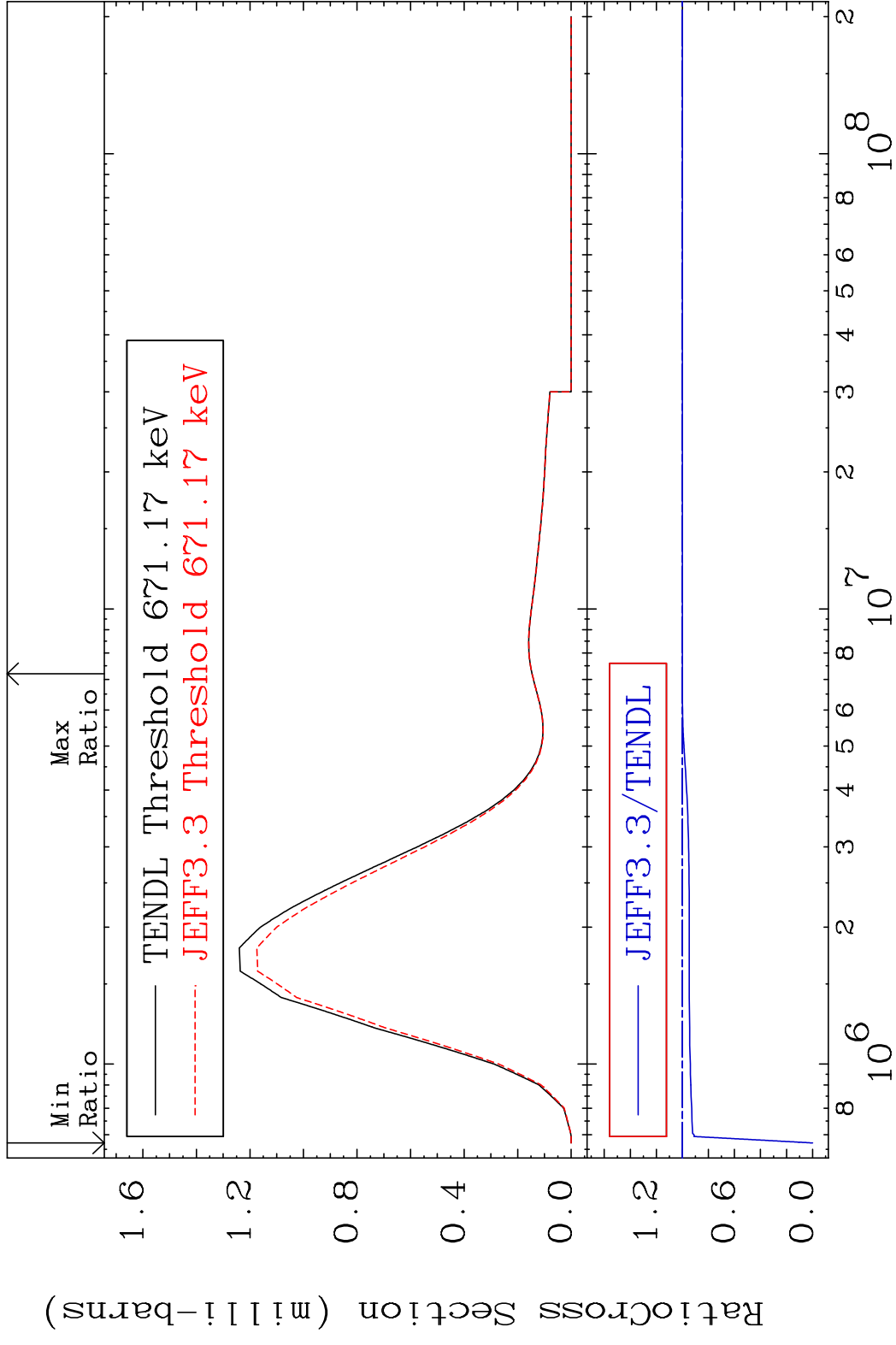


45 Incident Energy (eV) 66-Dy-159

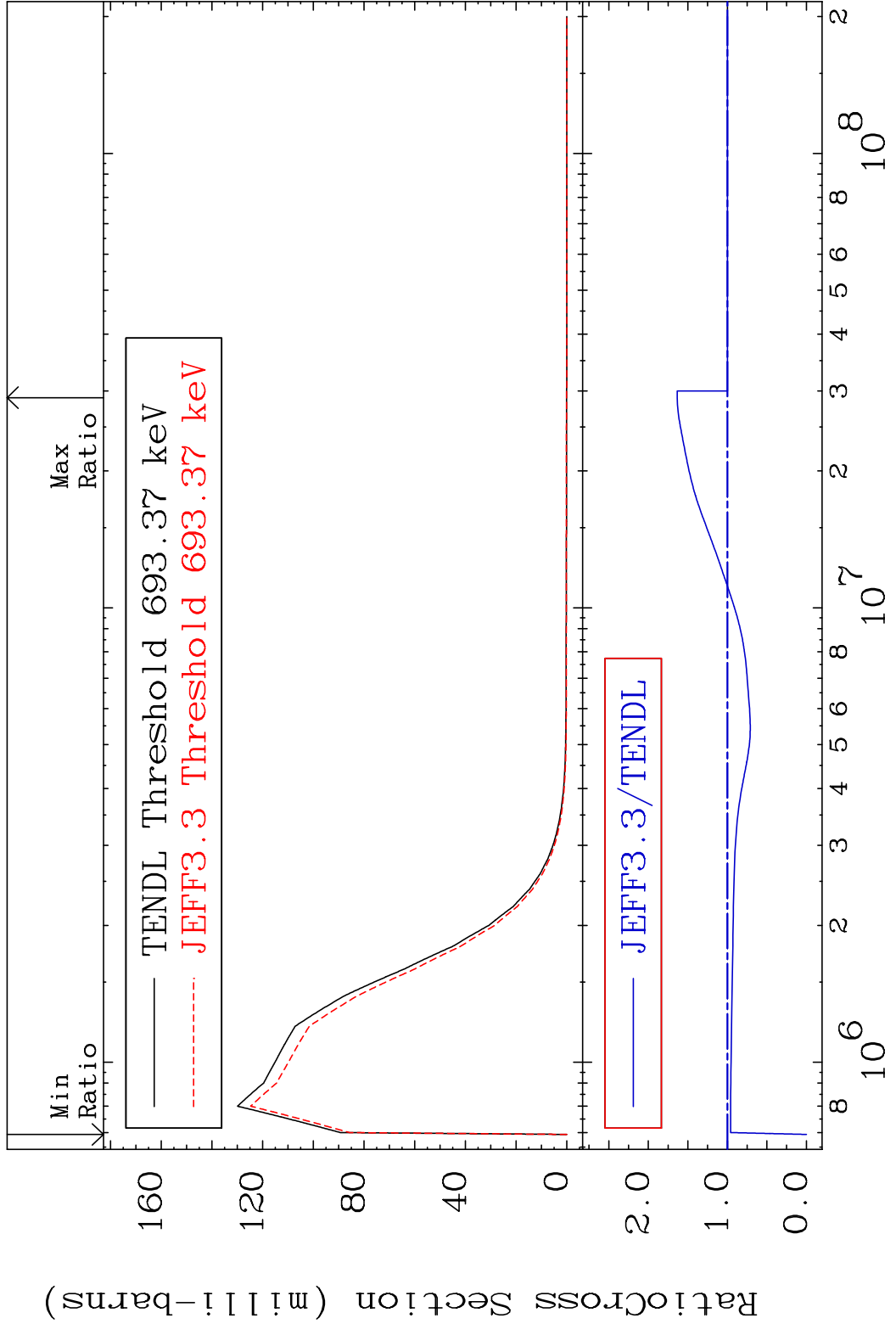
MAT 6634 MT= 77 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.022 %



MAT 6634 MT= 78 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 0.021 %

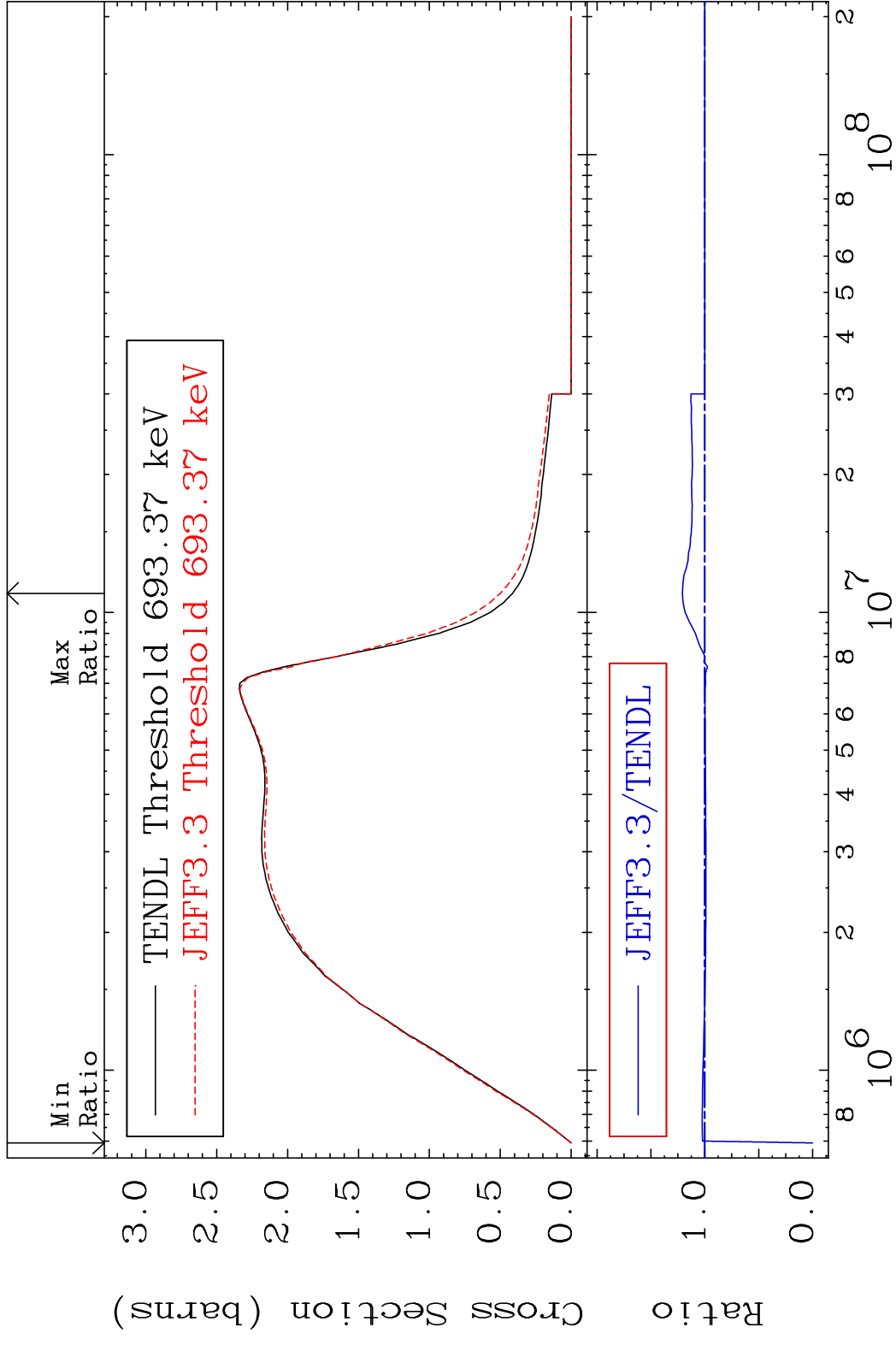


MAT 6634 MT= 79 (n, n') Level 66-Dy-159
 Cross Section -100.0 To 63.49 %



48 Incident Energy (eV) 66-Dy-159

MAT 6634 (n, n') Continuum 66-Dy-159
 Cross Section -100.0 To 20.83 %



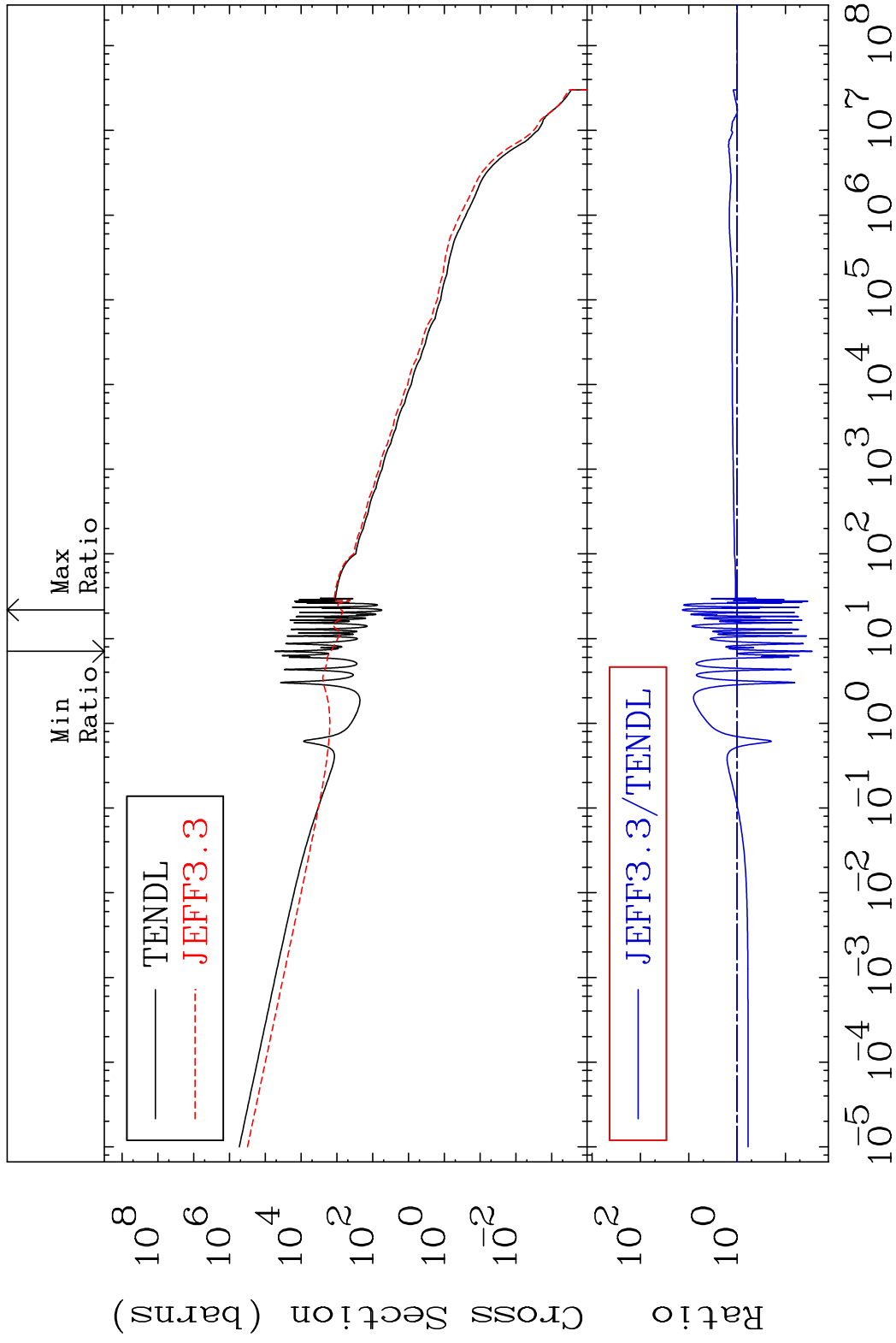
49 Incident Energy (eV) 66-Dy-159

MAT 6634

(n, γ)

66-Dy-159

Cross Section -97.26 To 1255. %



50

Incident Energy (eV)

66-Dy-159

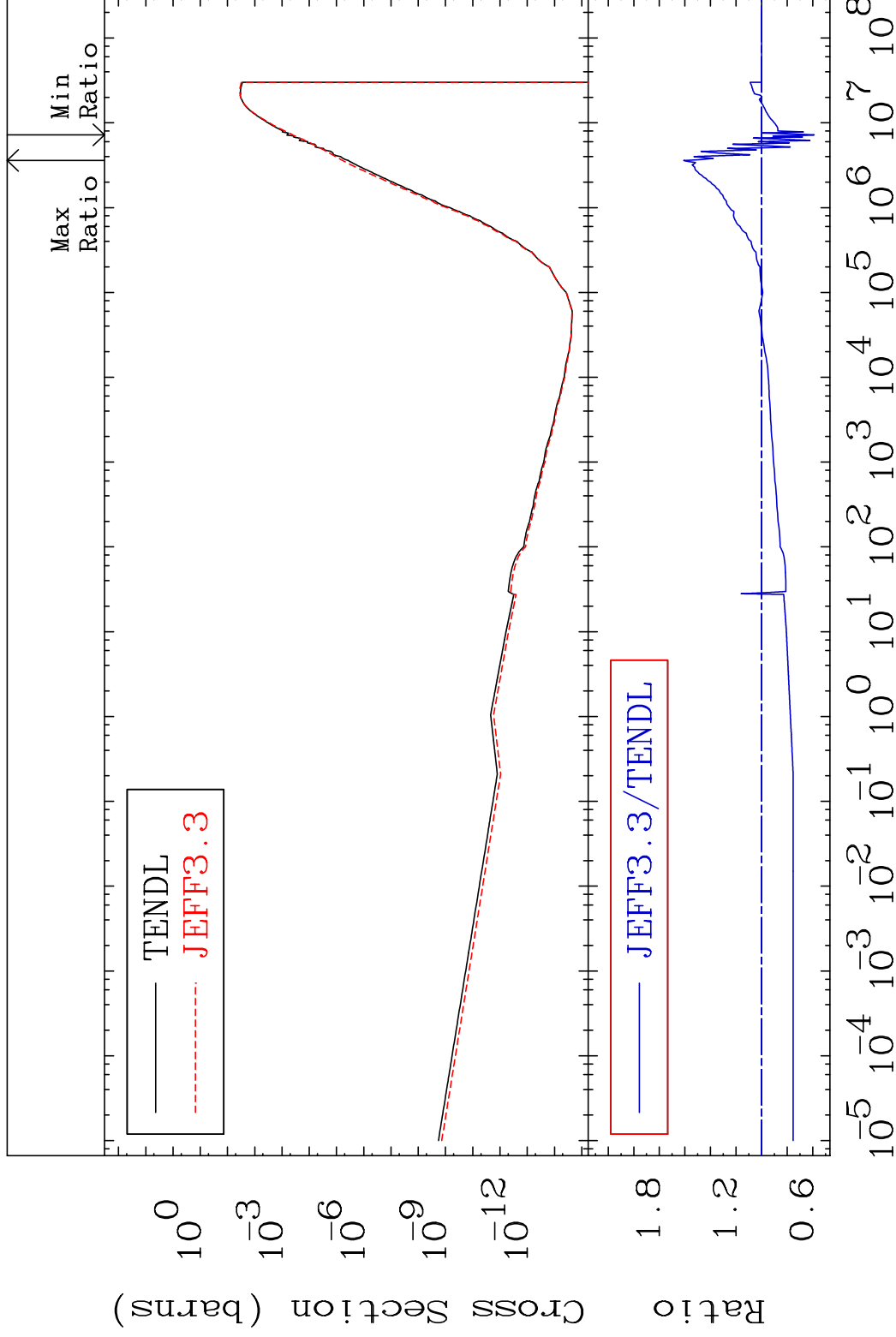
MAT 6634

(n, p)

66-Dy-159

Cross Section

-41.01 To 60.99 %



51

Incident Energy (eV)

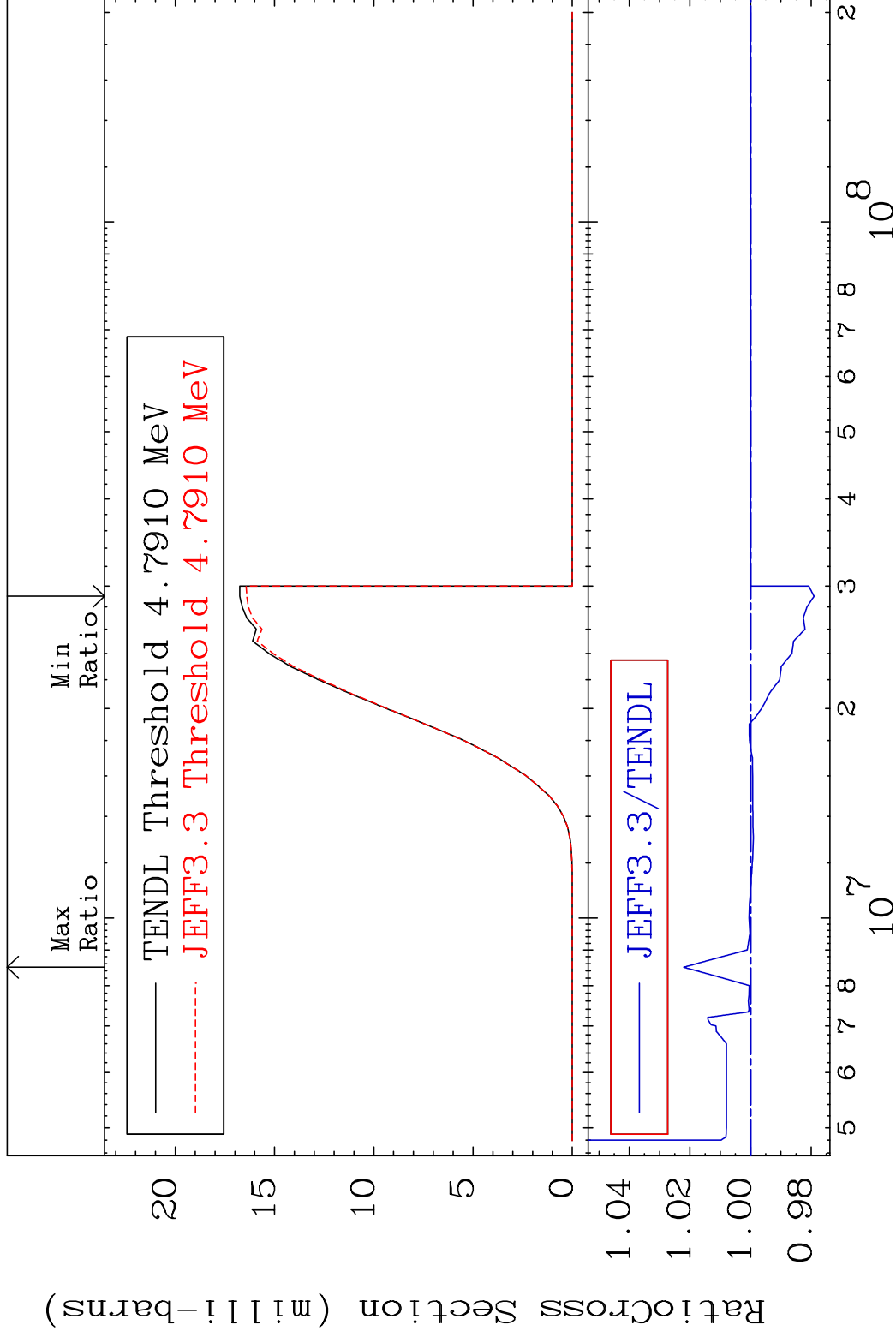
66-Dy-159

MAT 6634

(n, d)

66-Dy-159

Cross Section -2.097 To 2.208 %



52

Incident Energy (eV)

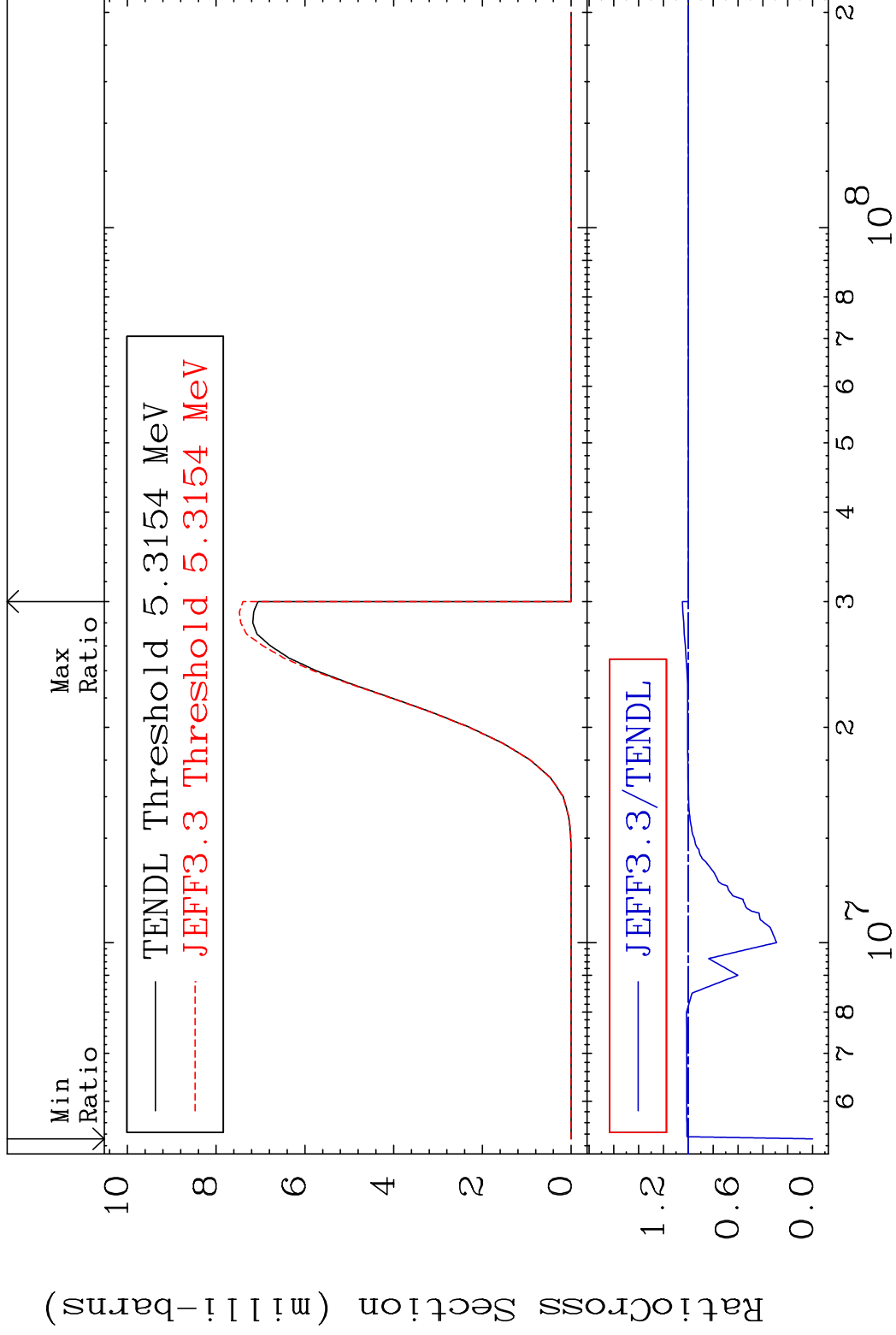
66-Dy-159

MAT 6634

(n, t)

66-Dy-159

Cross Section -100.0 To 4.843 %



53

Incident Energy (eV)

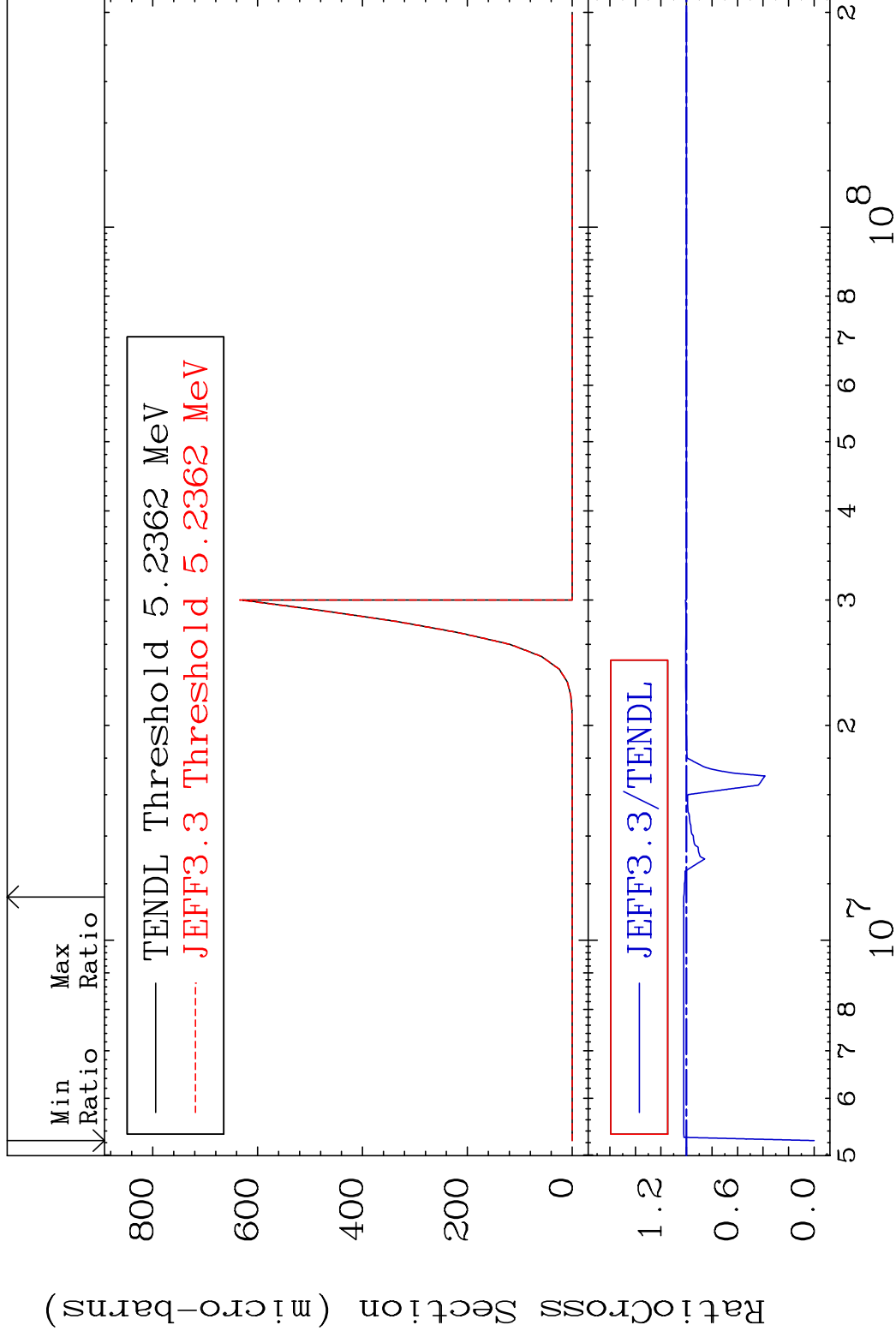
66-Dy-159

MAT 6634

(n, He-3)

66-Dy-159

Cross Section -100.0 To 2.211 %



54

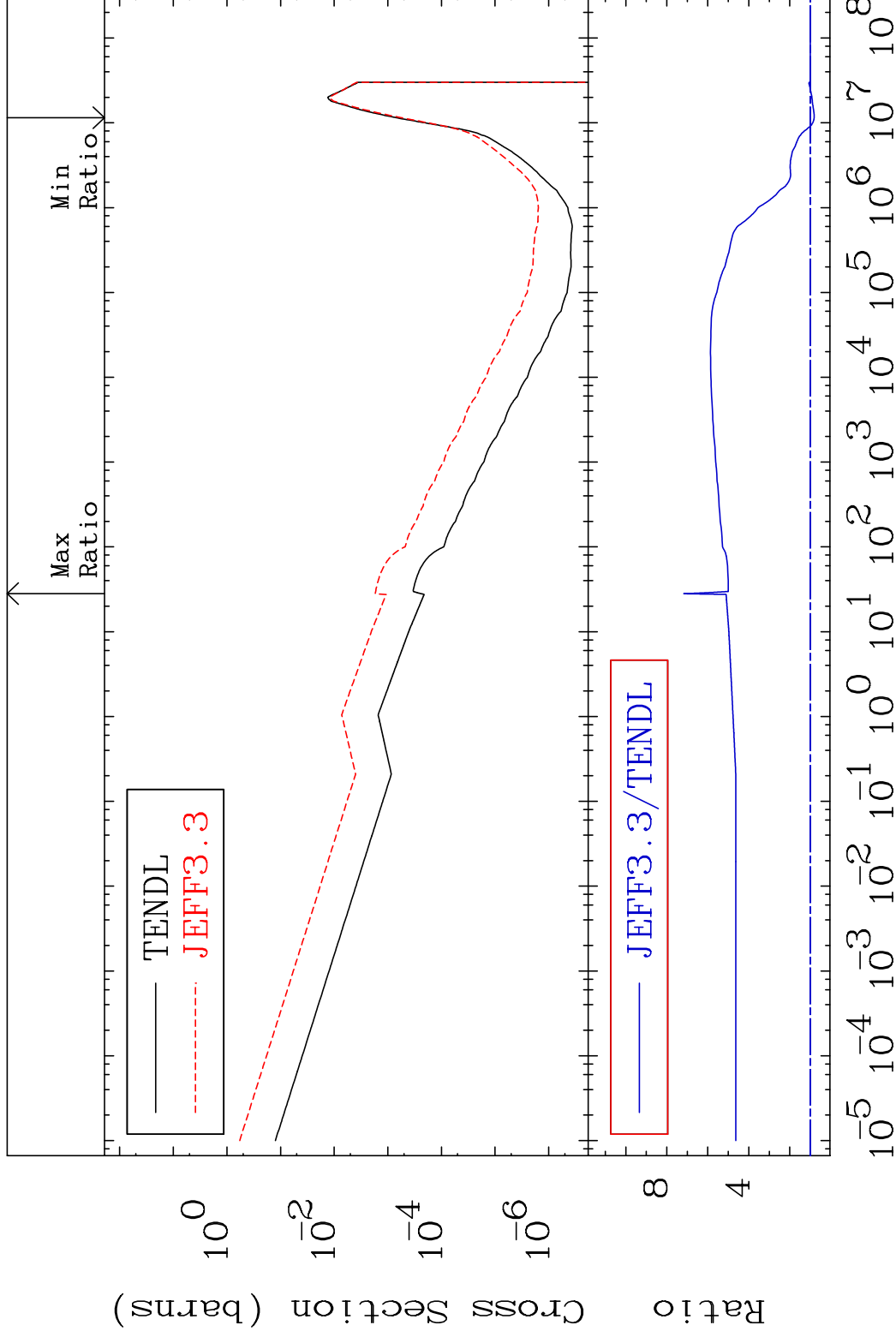
Incident Energy (eV)

66-Dy-159

MAT 6634

(n, α)
Cross Section -18.72 To 617.7 %

66-Dy-159



55

Incident Energy (eV)

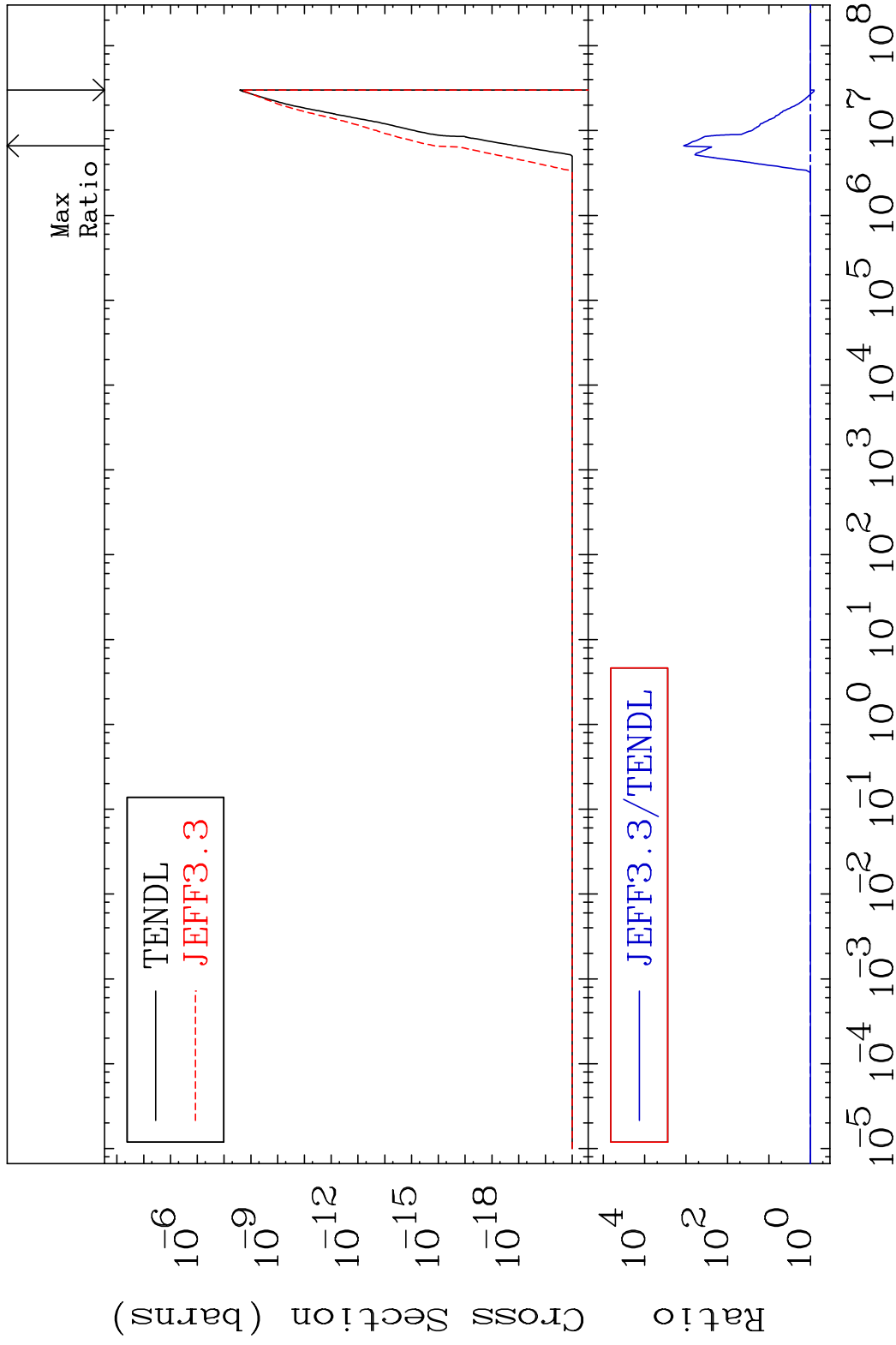
66-Dy-159

MAT 6634

(n, 2α)

66-Dy-159

Cross Section -18.44 To 9999. %



56

Incident Energy (eV)

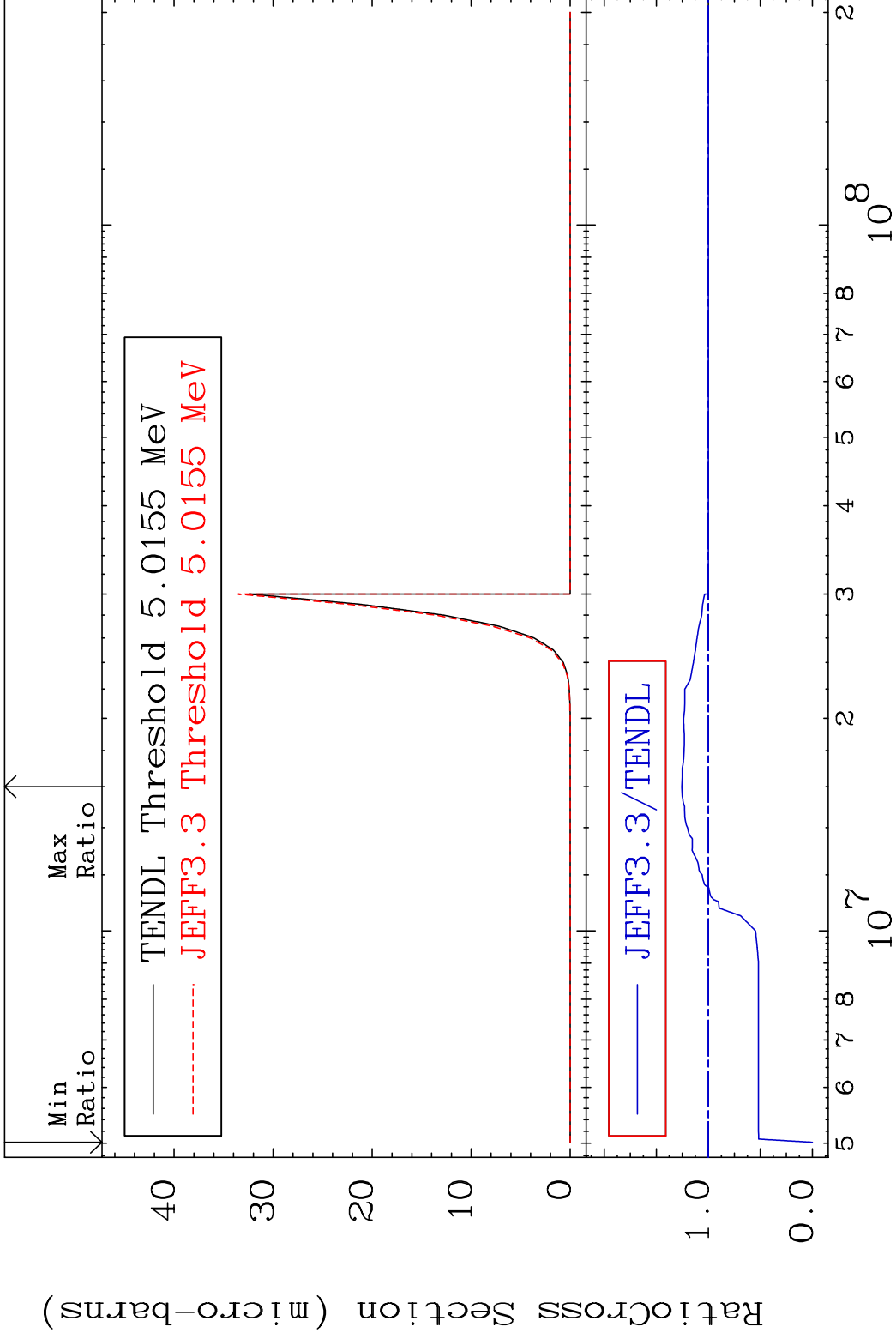
66-Dy-159

MAT 6634

(n,2p)

66-Dy-159

Cross Section -100.0 To 25.53 %



57

Incident Energy (eV)

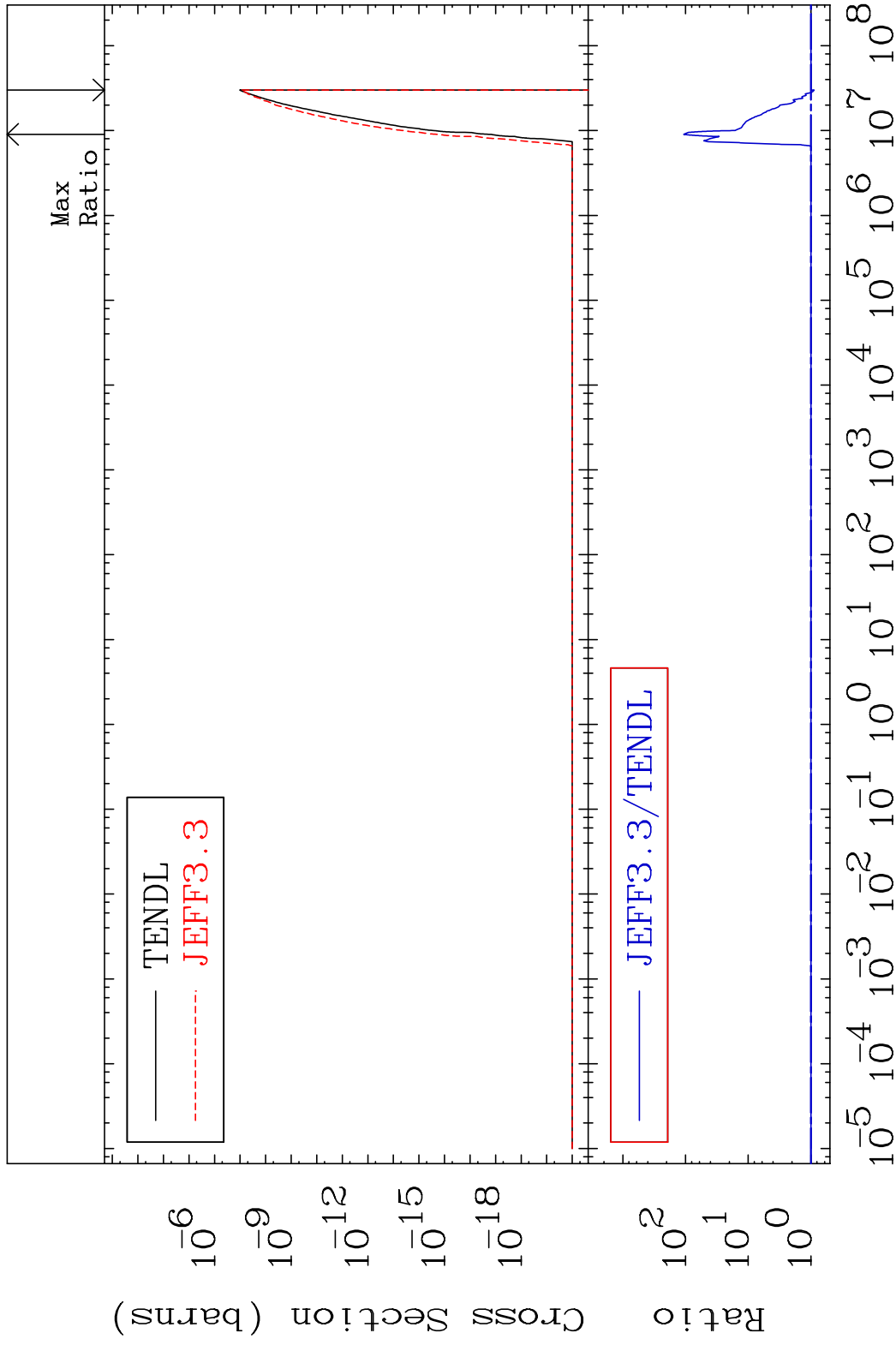
66-Dy-159

MAT 6634

(n,p) α

66-Dy-159

Cross Section -11.29 To 9999. %



58

Incident Energy (eV)

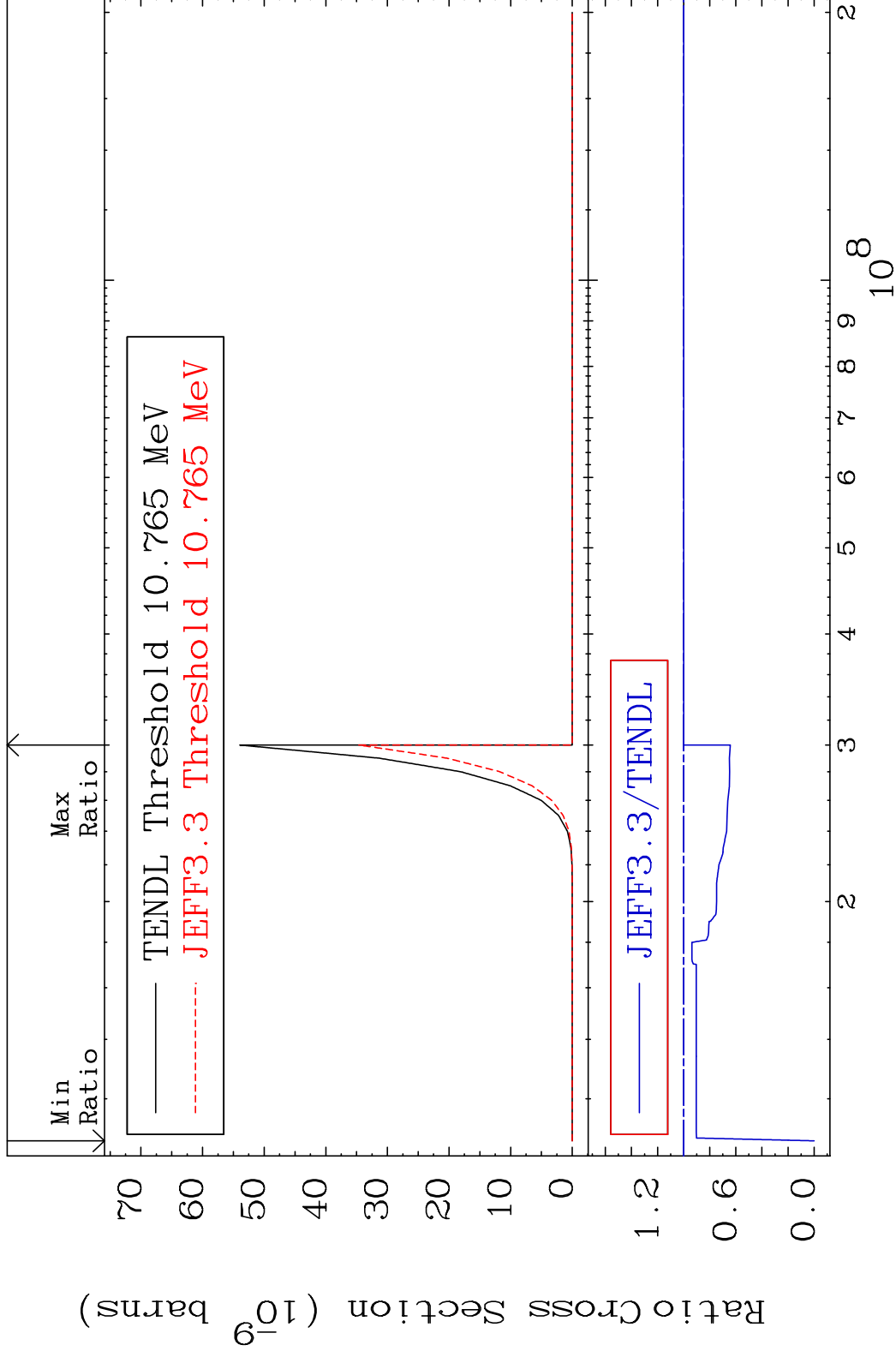
66-Dy-159

MAT 6634

(n,p) d

66-Dy-159

Cross Section -100.0 To 0.000 %



59

Incident Energy (eV)

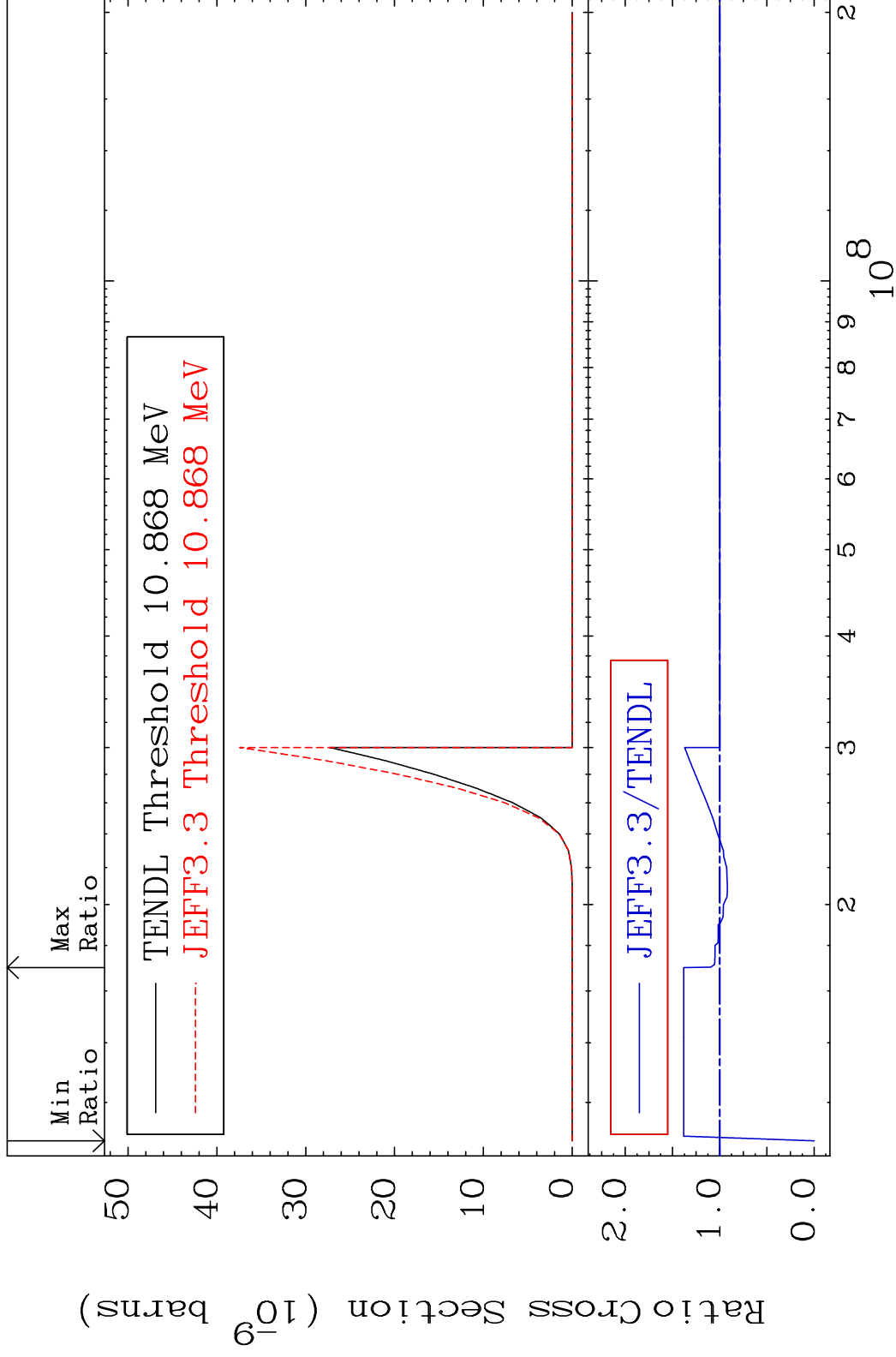
66-Dy-159

MAT 6634

(n,p) t

66-Dy-159

Cross Section -100.0 To 38.18 %



60

Incident Energy (eV)

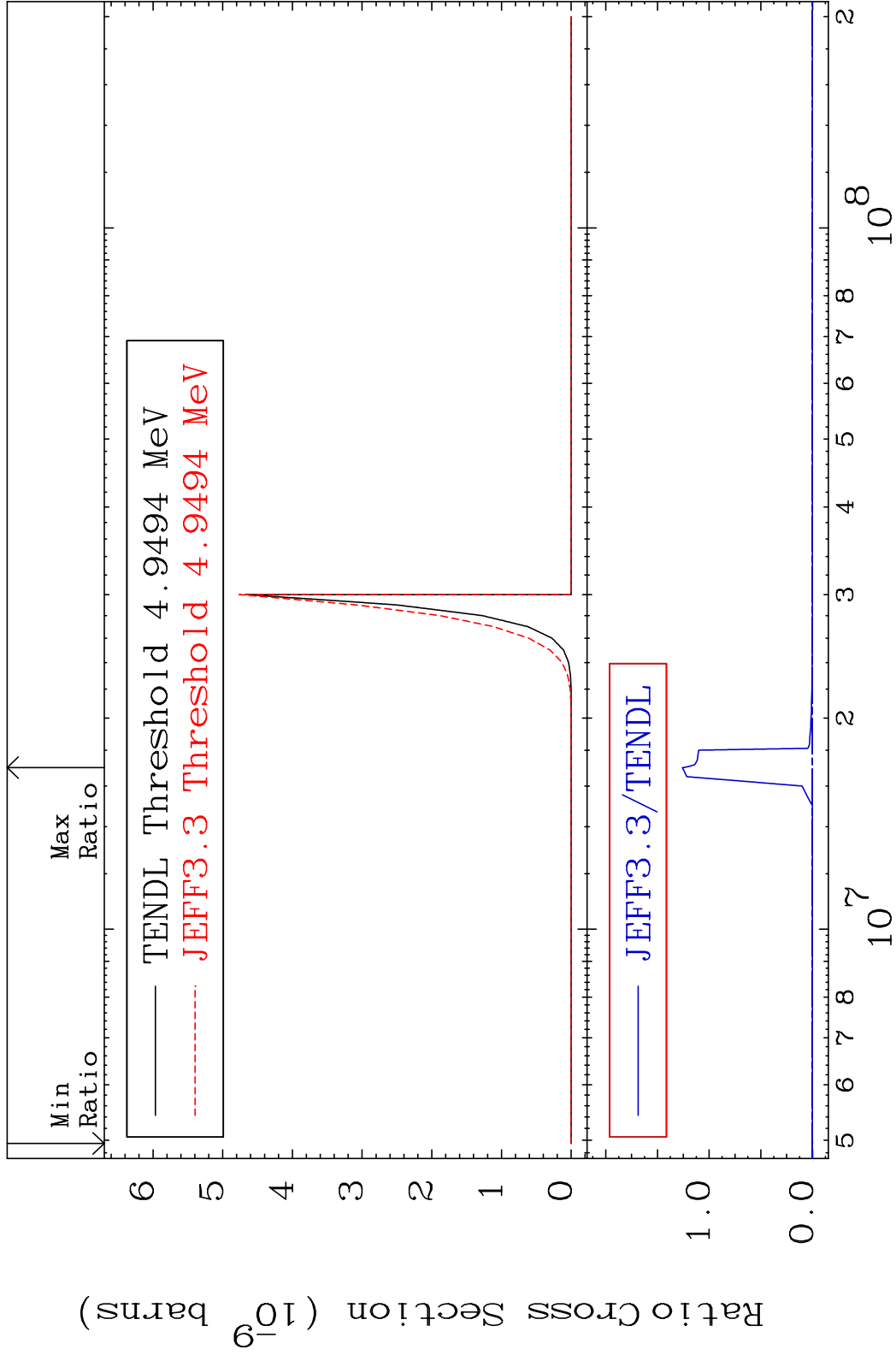
66-Dy-159

MAT 6634

(n, d) α

66-Dy-159

Cross Section -100.0 To 9999. %



61

Incident Energy (eV)

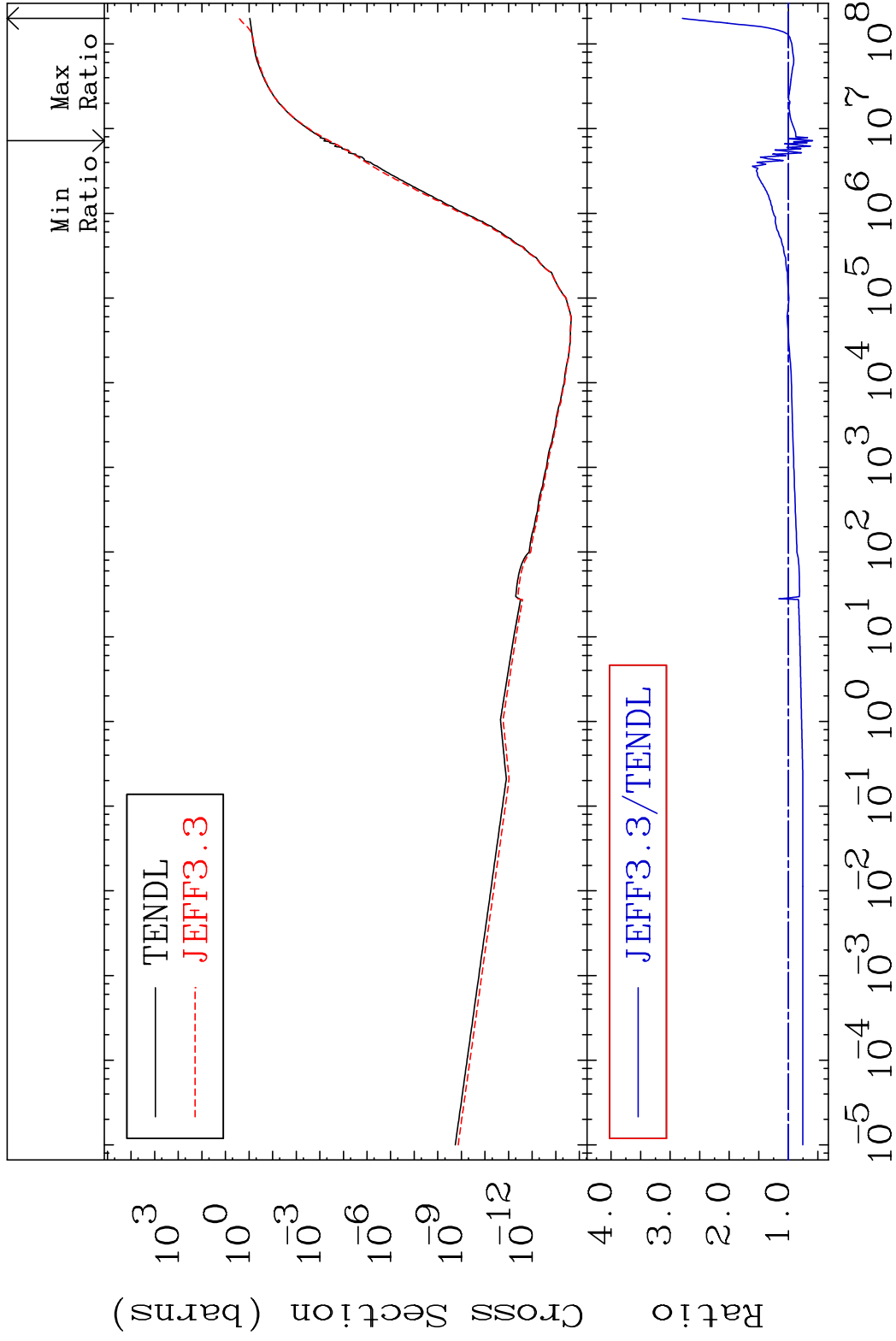
66-Dy-159

MAT 6634

Hydrogen Production

66-Dy-159

Cross Section -41.01 To 179.4 %



62

Incident Energy (eV)

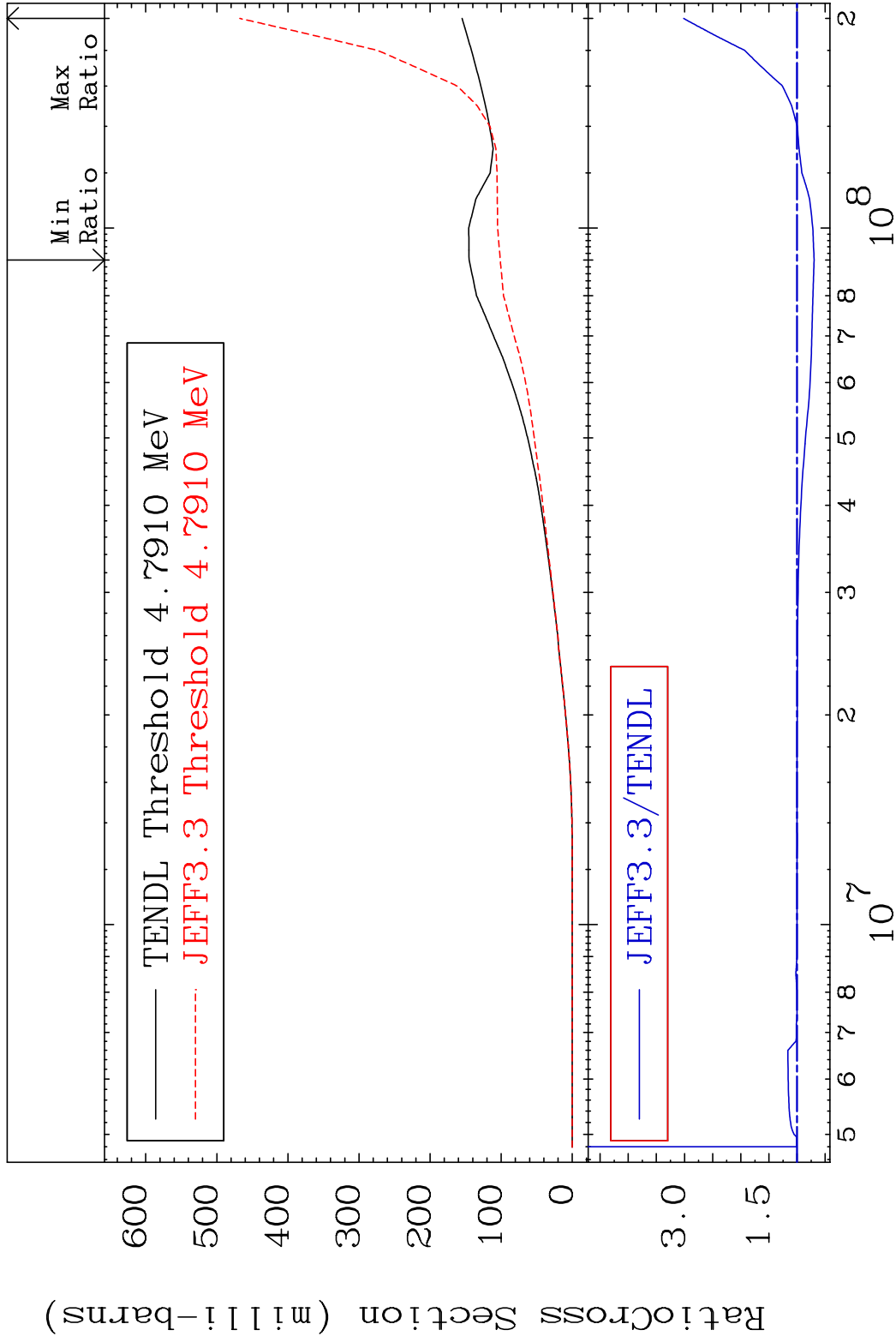
66-Dy-159

MAT 6634

Deuterium Production

66-Dy-159

Cross Section -30.23 To 201.5 %



63

Incident Energy (eV)

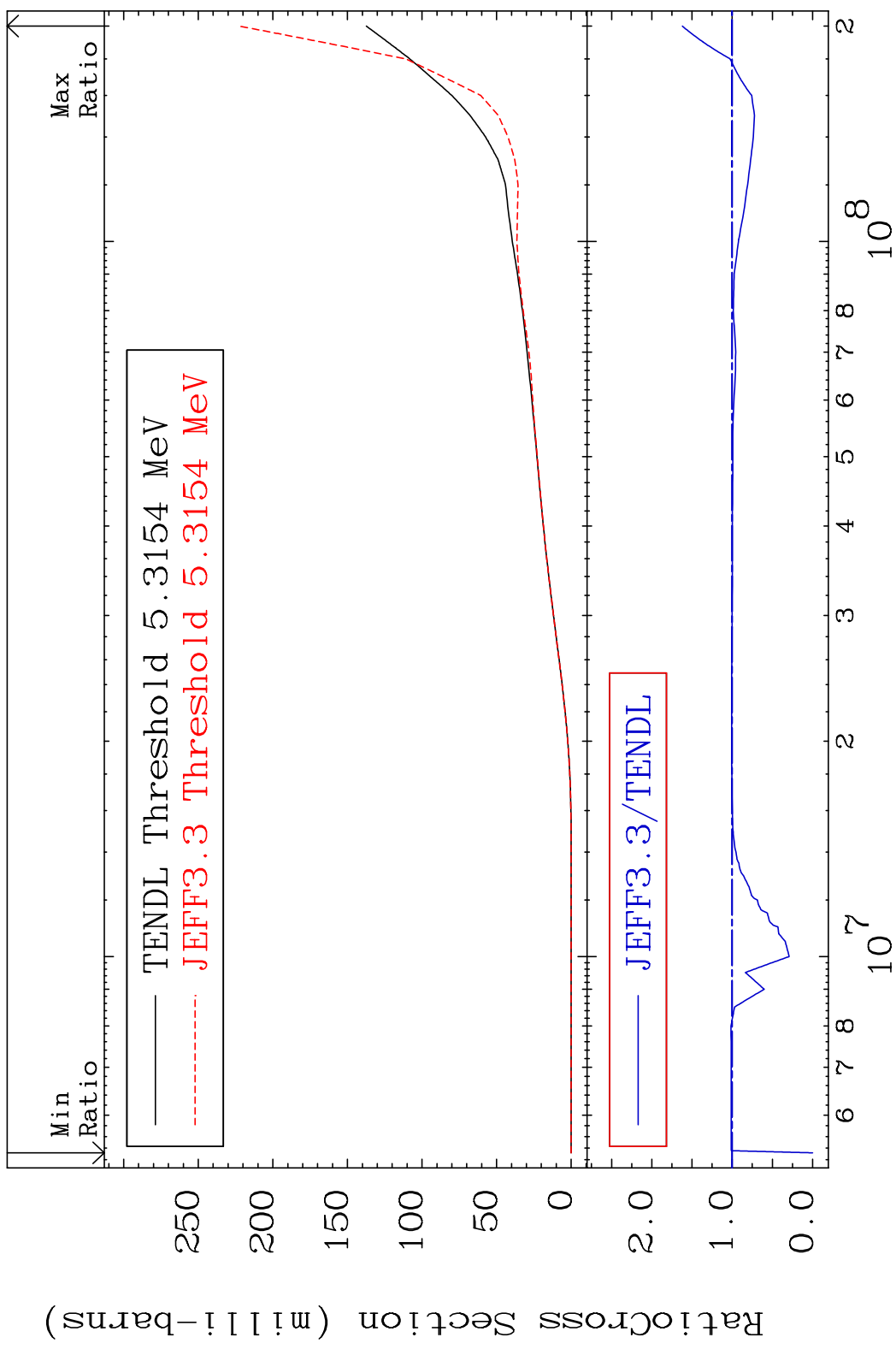
66-Dy-159

MAT 6634

Tritium Production

66-Dy-159

Cross Section -100.0 To 61.97 %

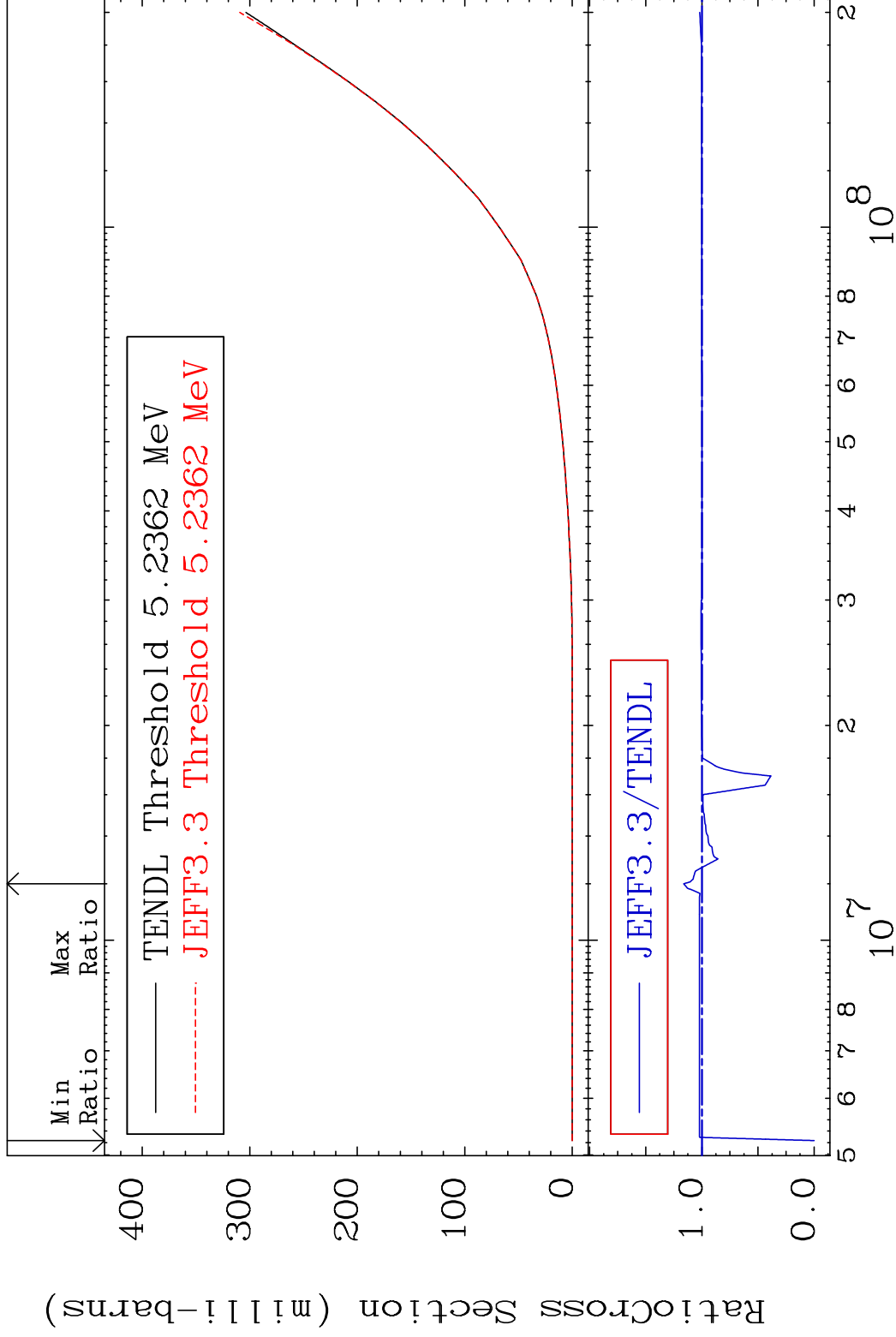


MAT 6634

He-3 Production

66-Dy-159

Cross Section -100.0 To 16.23 %



65

Incident Energy (eV)

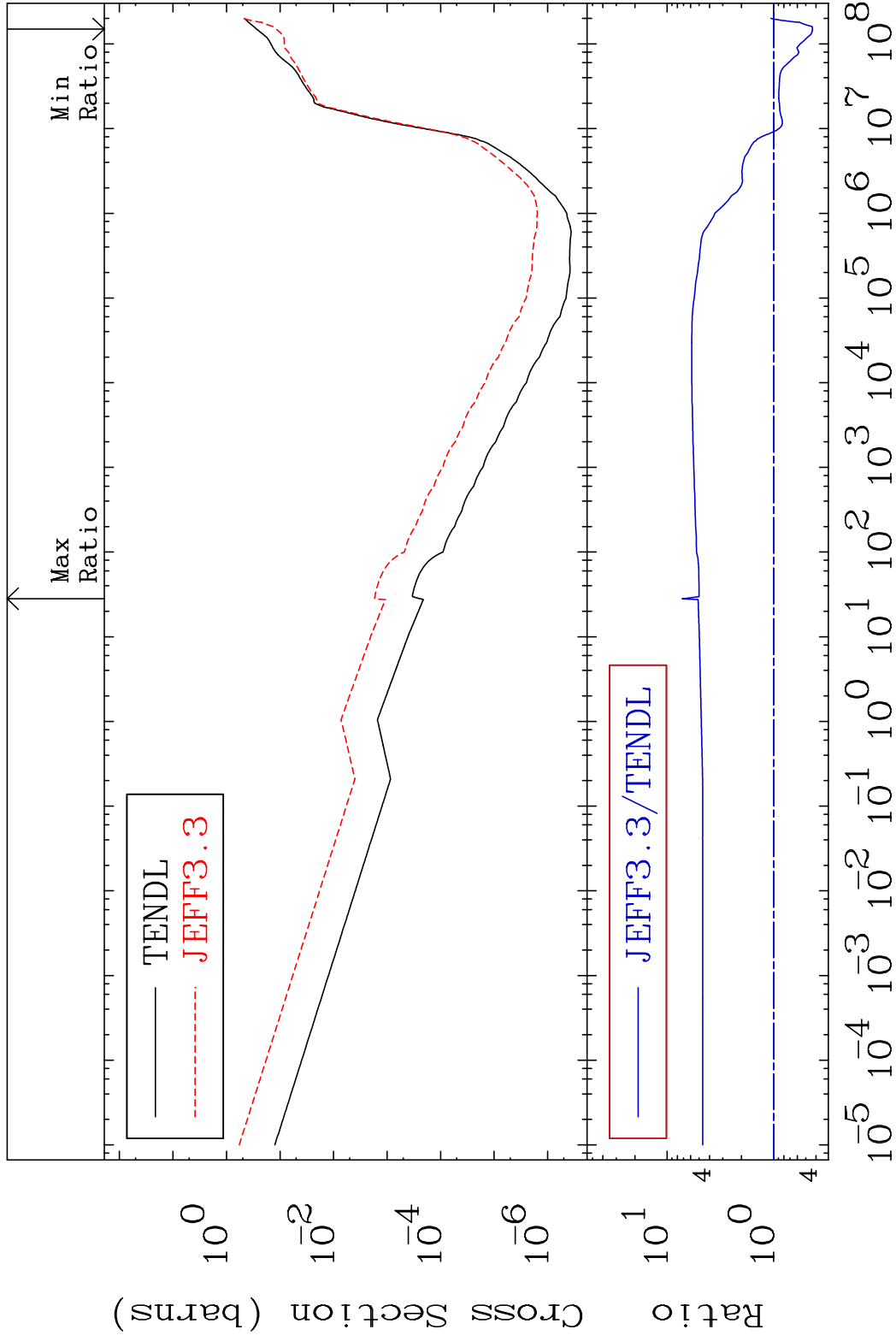
66-Dy-159

MAT 6634

He-4 Production

66-Dy-159

Cross Section -56.90 To 617.7 %



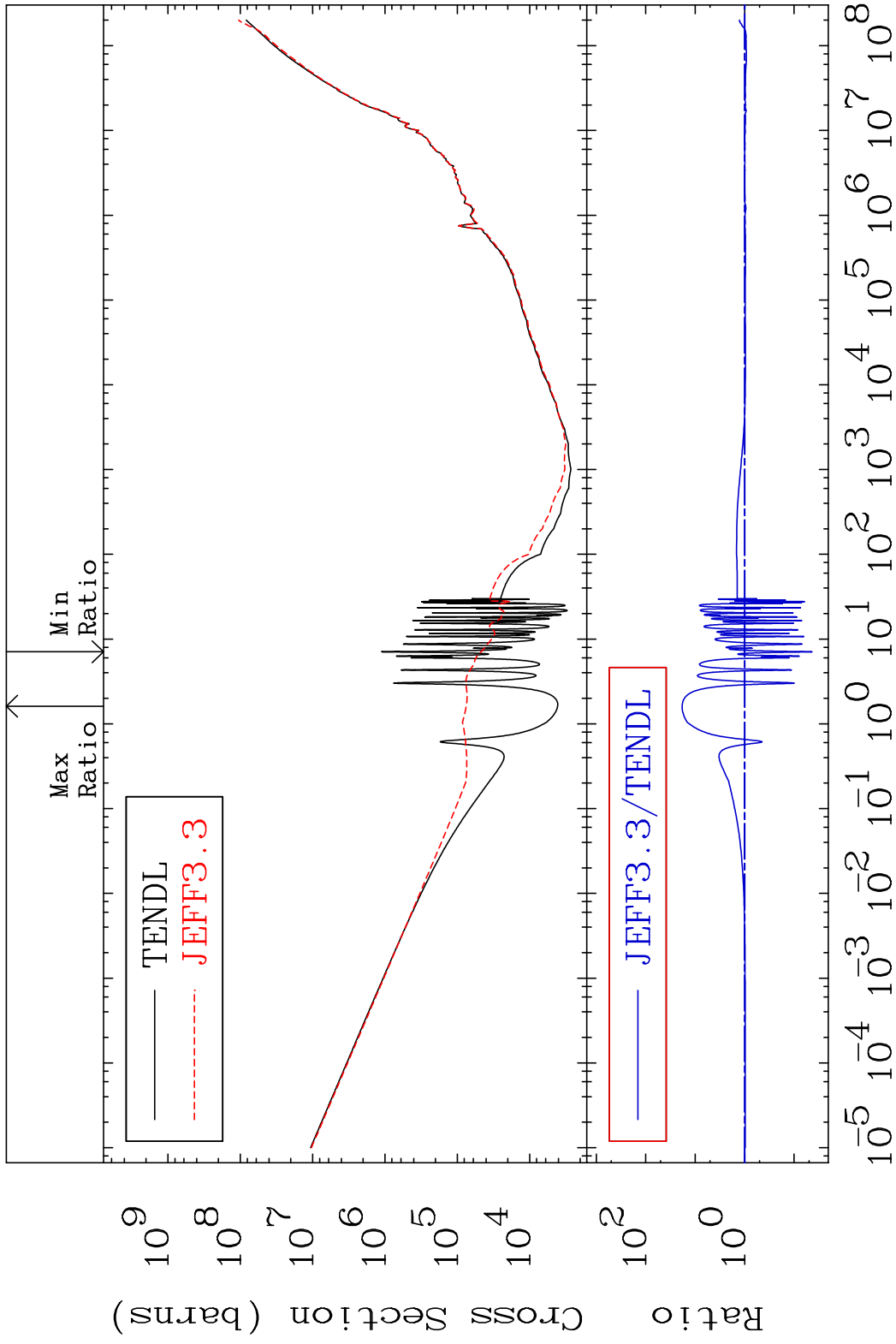
66

Incident Energy (eV)

66-Dy-159

MAT 6634

Kerma total (eV-barns) 66-Dy-159
Cross Section -95.74 To 1734. %



67

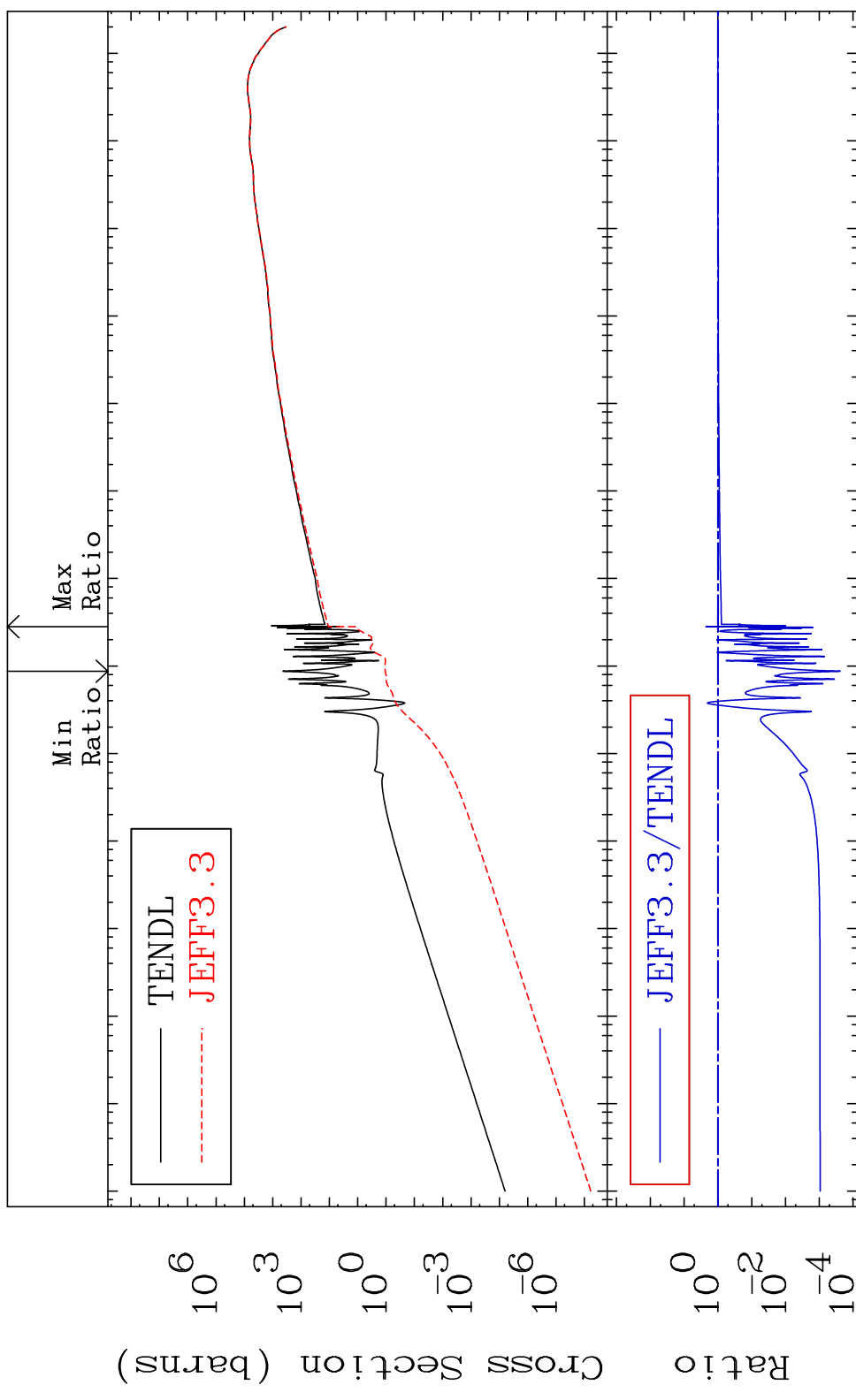
Incident Energy (eV)

66-Dy-159

MAT 6634

Kerma elastic
Cross Section -99.98 To 128.2 %

66-Dy-159

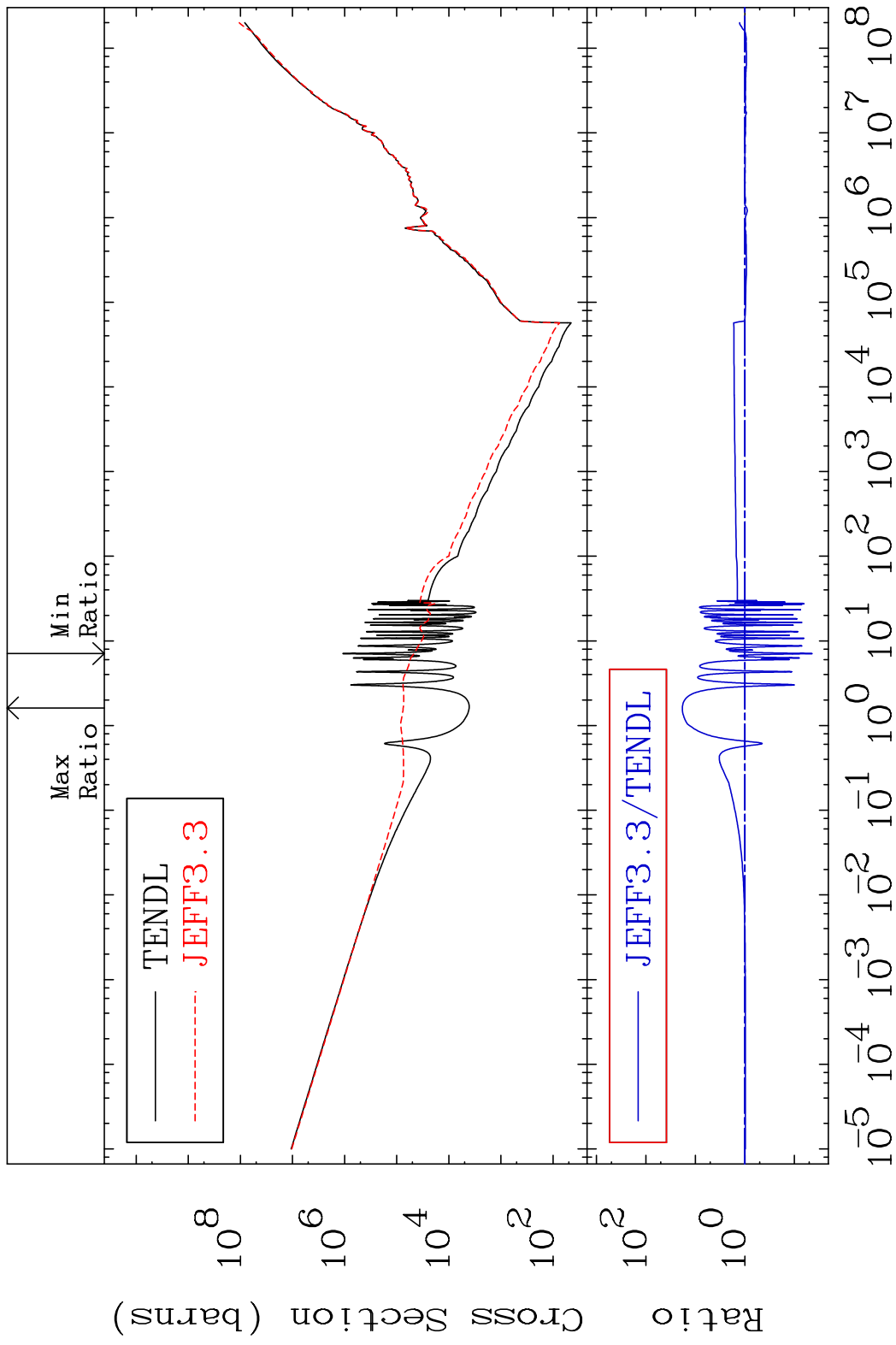


68

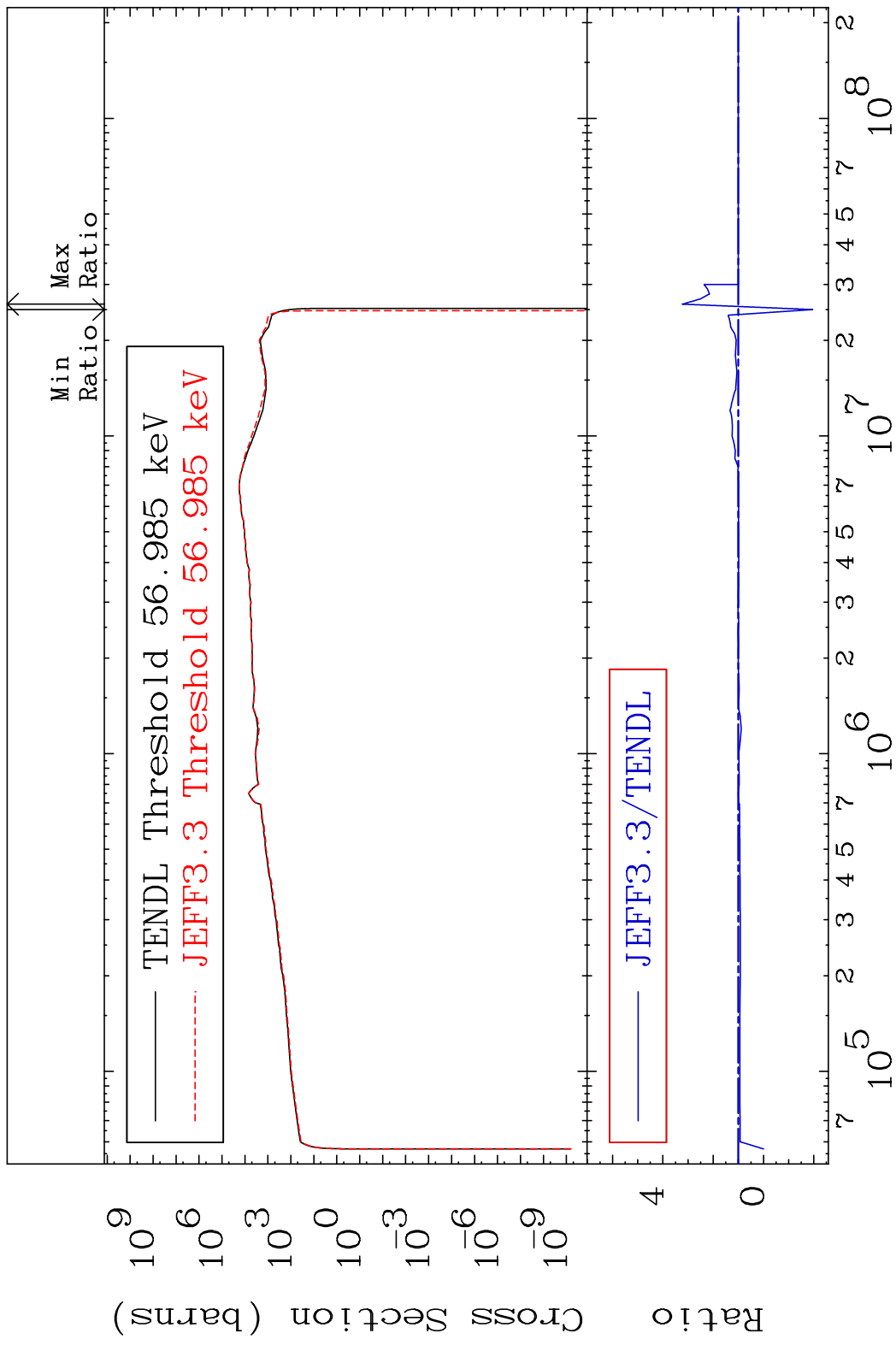
Incident Energy (eV)

66-Dy-159

MAT 6634 Kerma non-elastic (all but mt2) 66-Dy-159
 Cross Section -95.73 To 1735. %

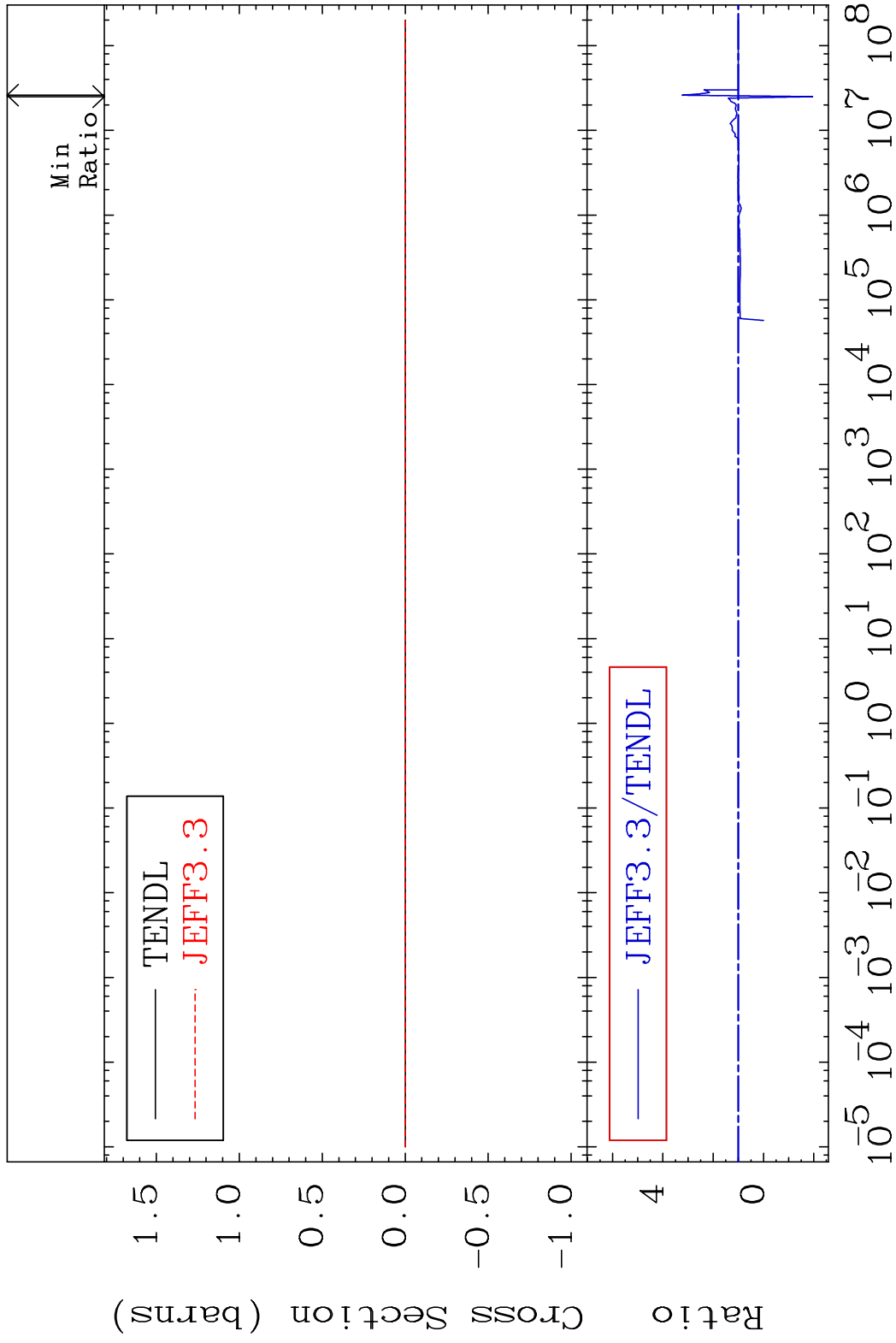


MAT 6634 Kerma inelastic (mt51-91) 66-Dy-159
 Cross Section -295.0 To 222.6 %



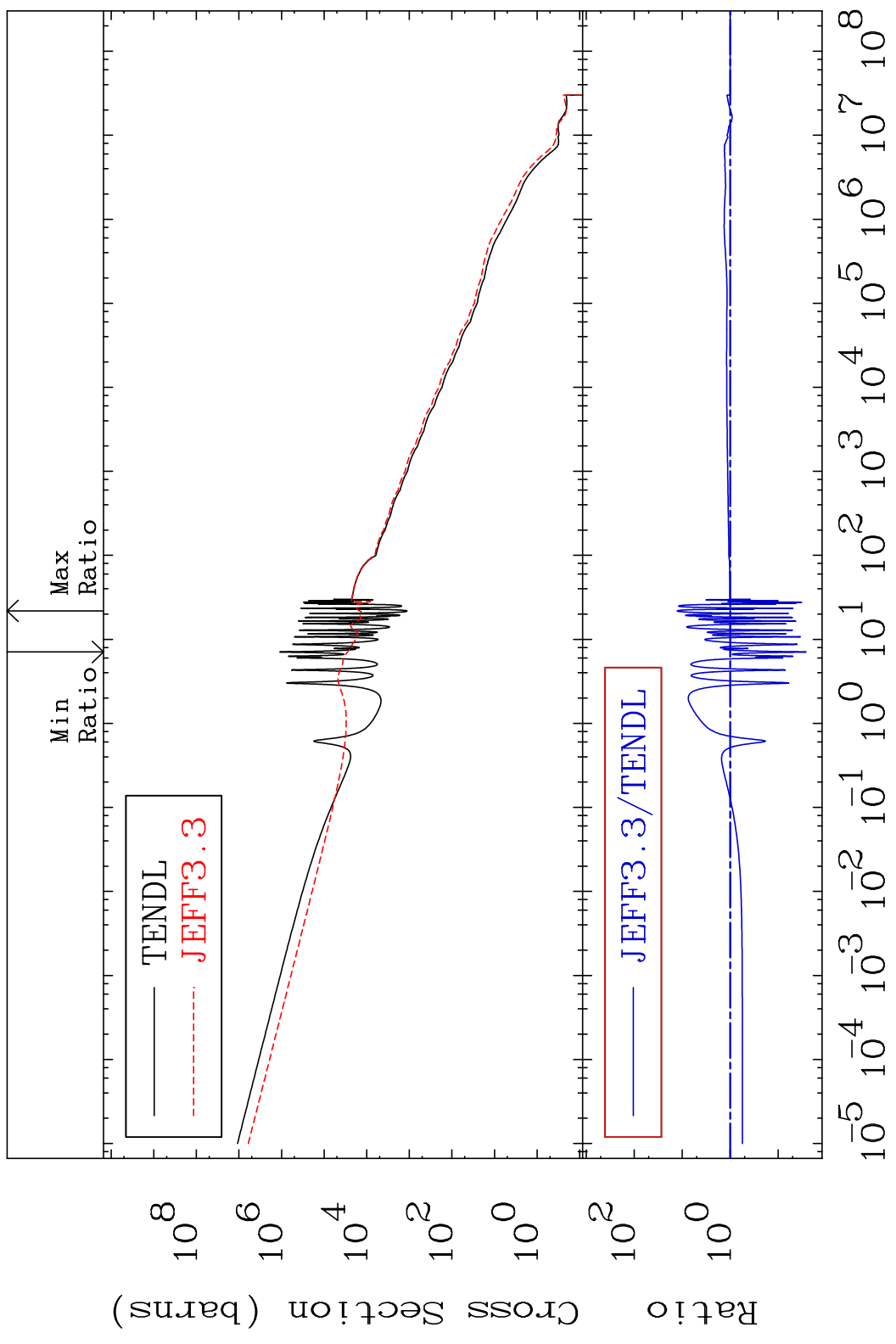
70 Incident Energy (eV) 66-Dy-159

MAT 6634 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-159
 Cross Section -295.0 To 222.6 %



MAT 6634

Kerma capture (mt102) 66-Dy-159
Cross Section -97.42 To 1174. %



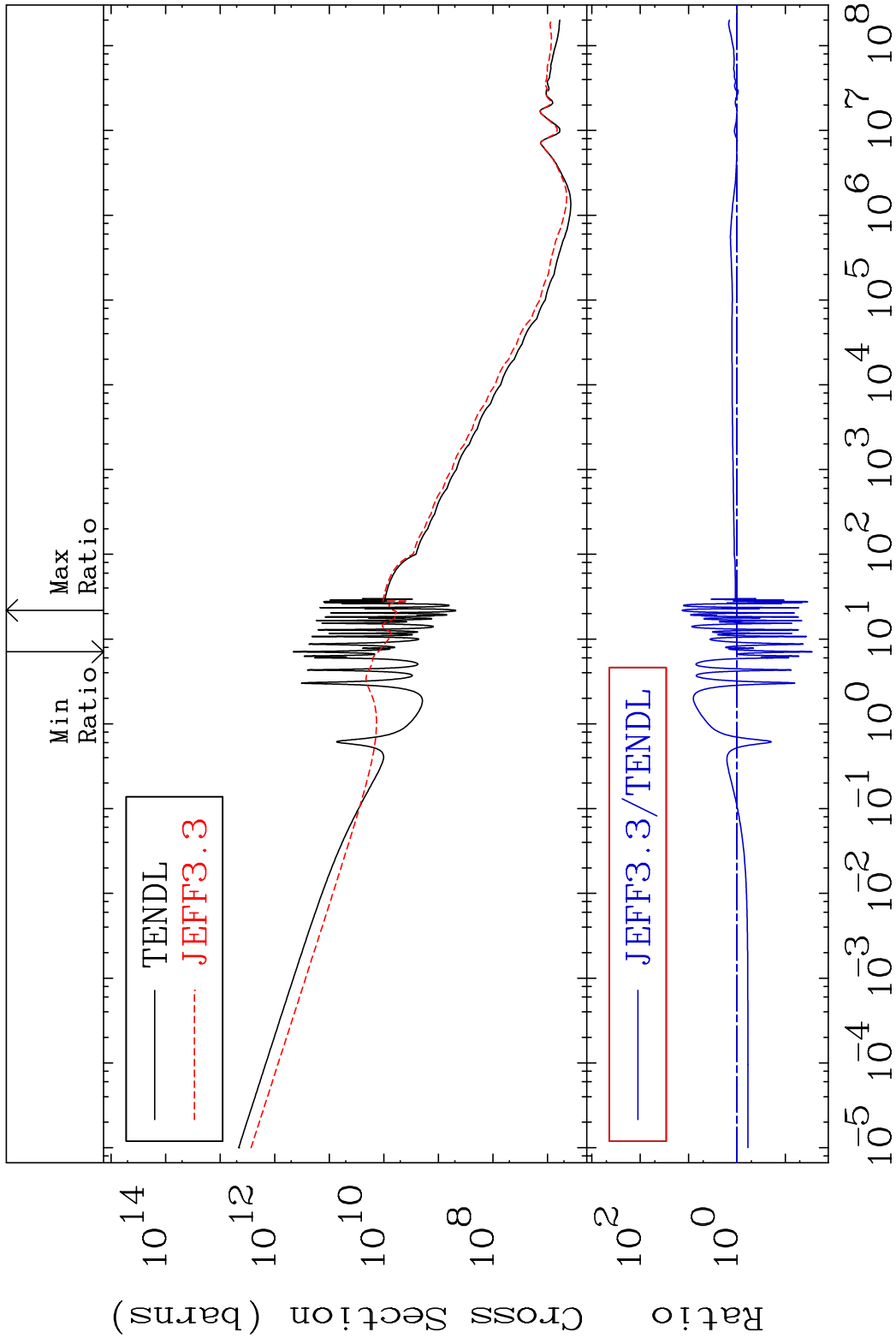
72

Incident Energy (eV)

66-Dy-159

MAT 6634

Total photon (eV-barns) 66-Dy-159
Cross Section -97.26 To 1255. %

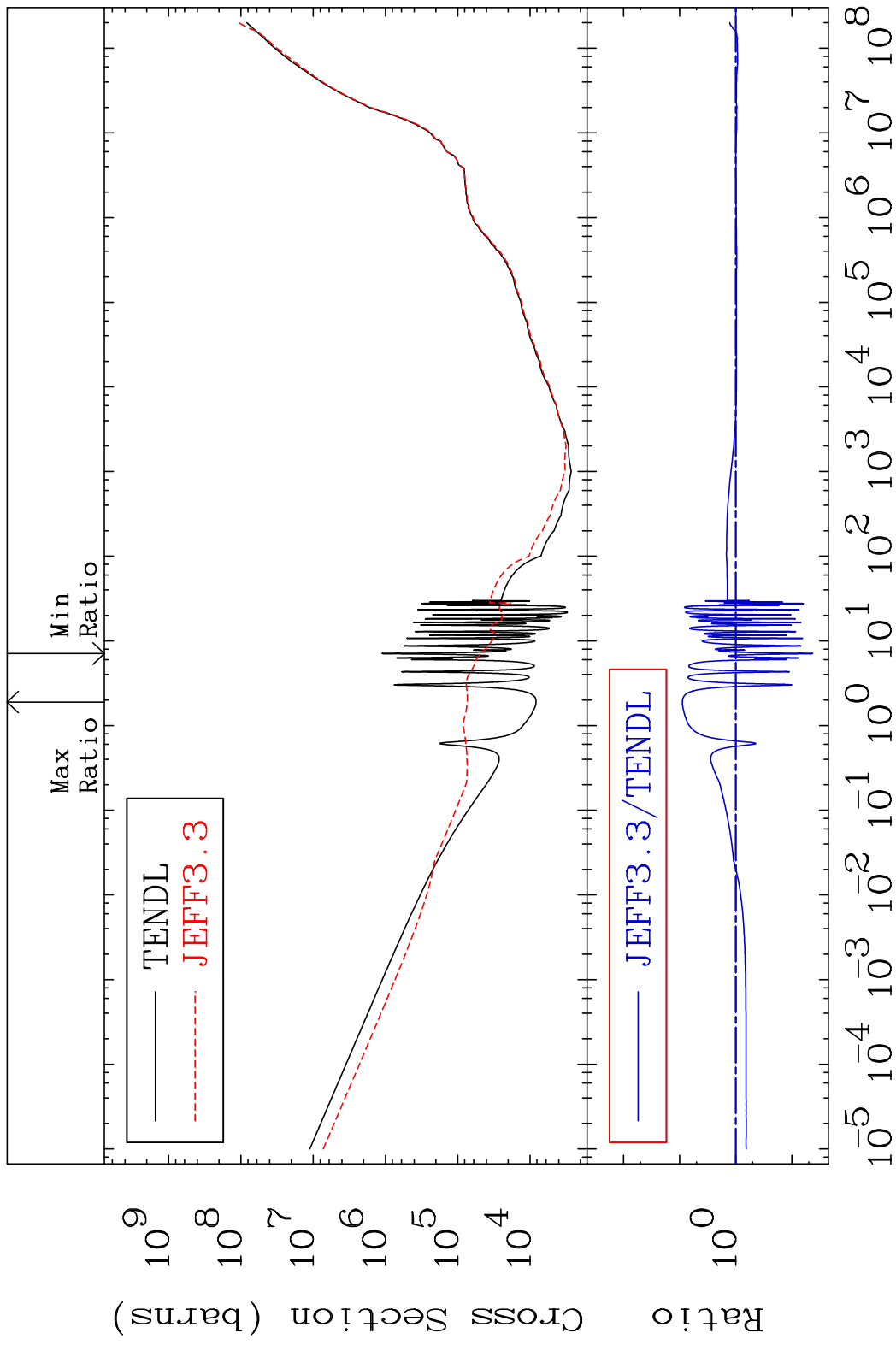


73

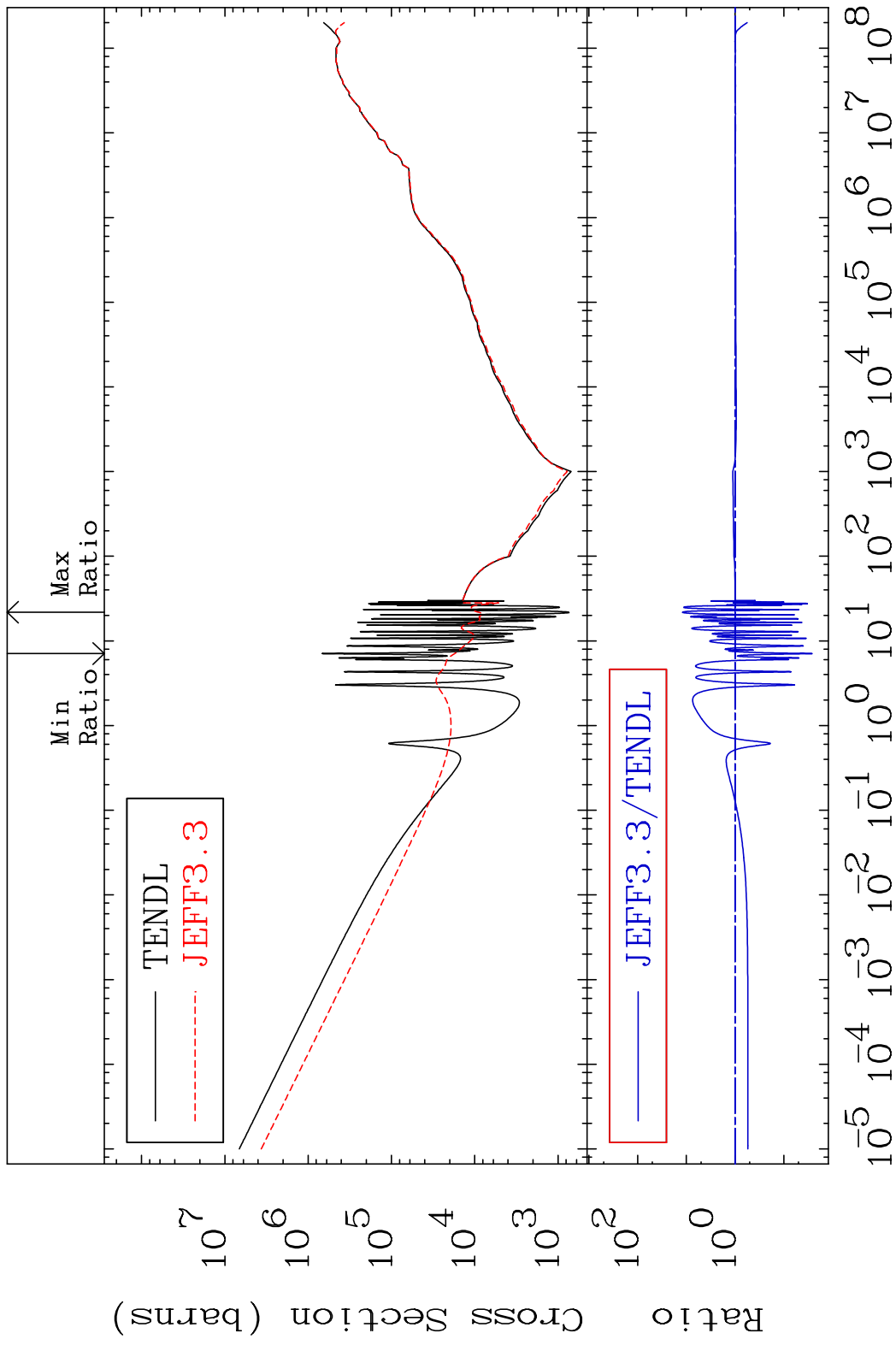
Incident Energy (eV)

66-Dy-159

MAT 6634 Total kinematic kerma (high limit) 66-Dy-159
 Cross Section -95.74 To 793.8 %



MAT 6634 Dpa total (eV-barns) 66-Dy-159
 Cross Section -97.43 To 1109. %



75 Incident Energy (eV) 66-Dy-159

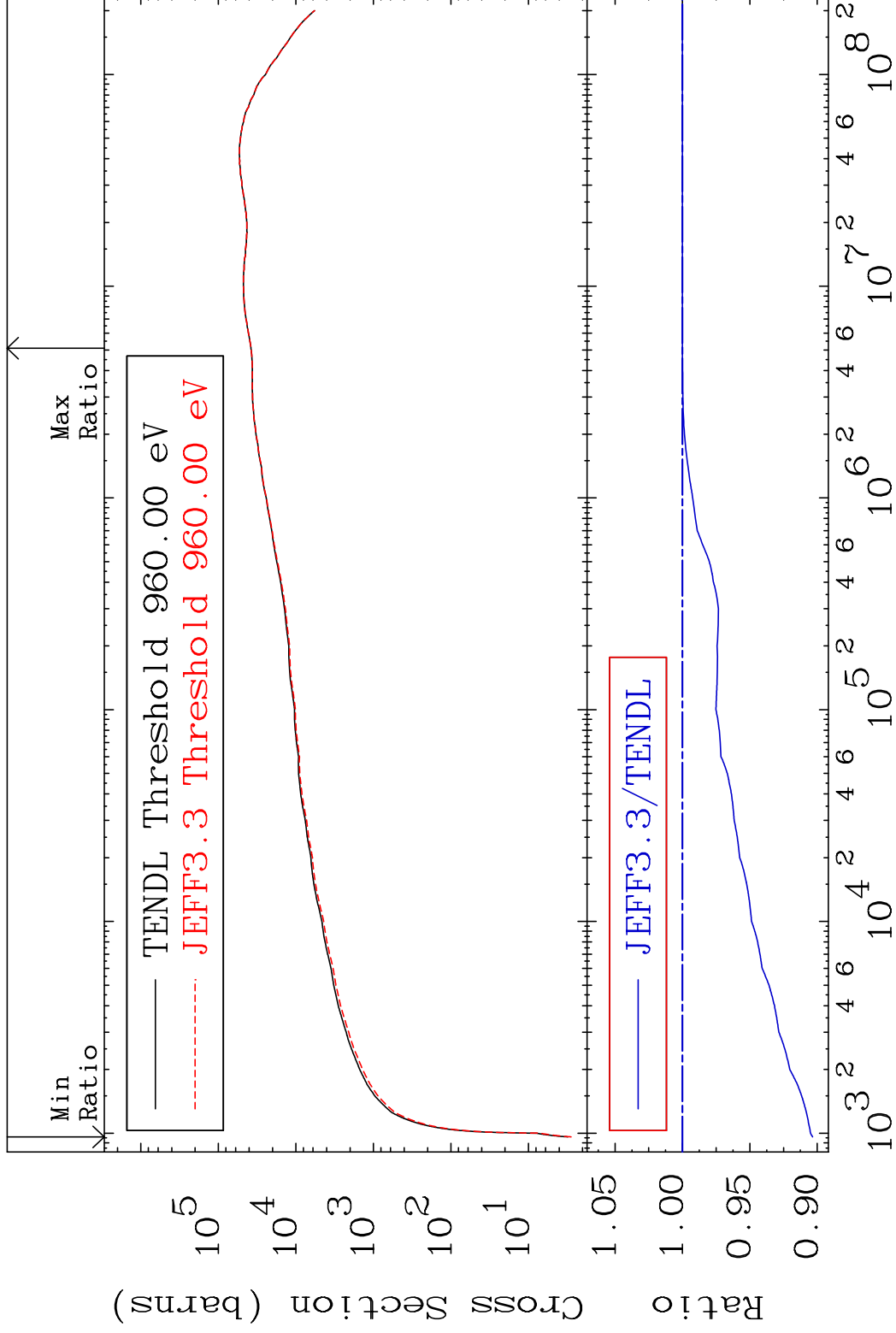
MAT 6634

Dpa elastic (mt2)

66-Dy-159

Cross Section

-9.652 To 0.006 %

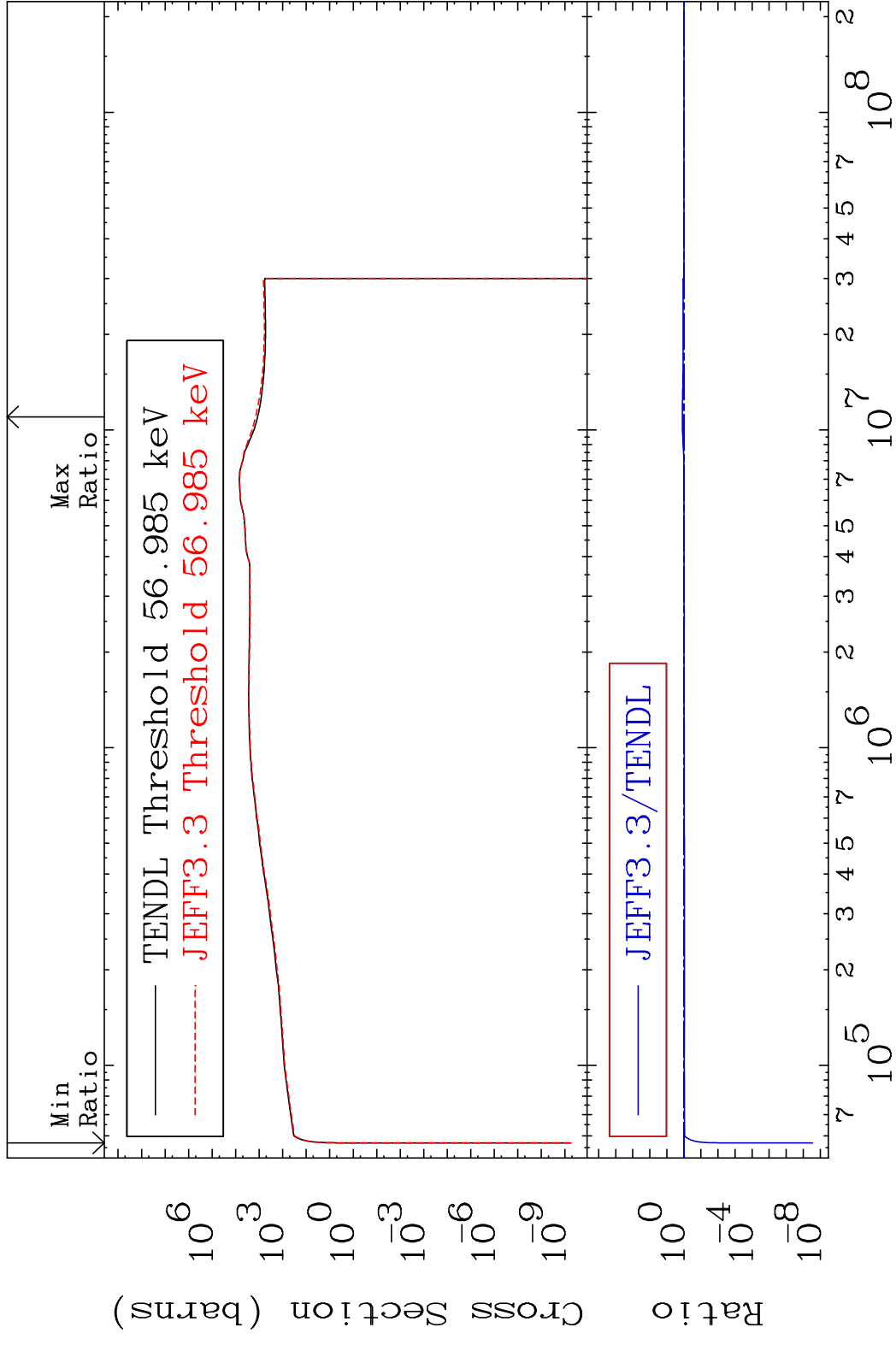


76

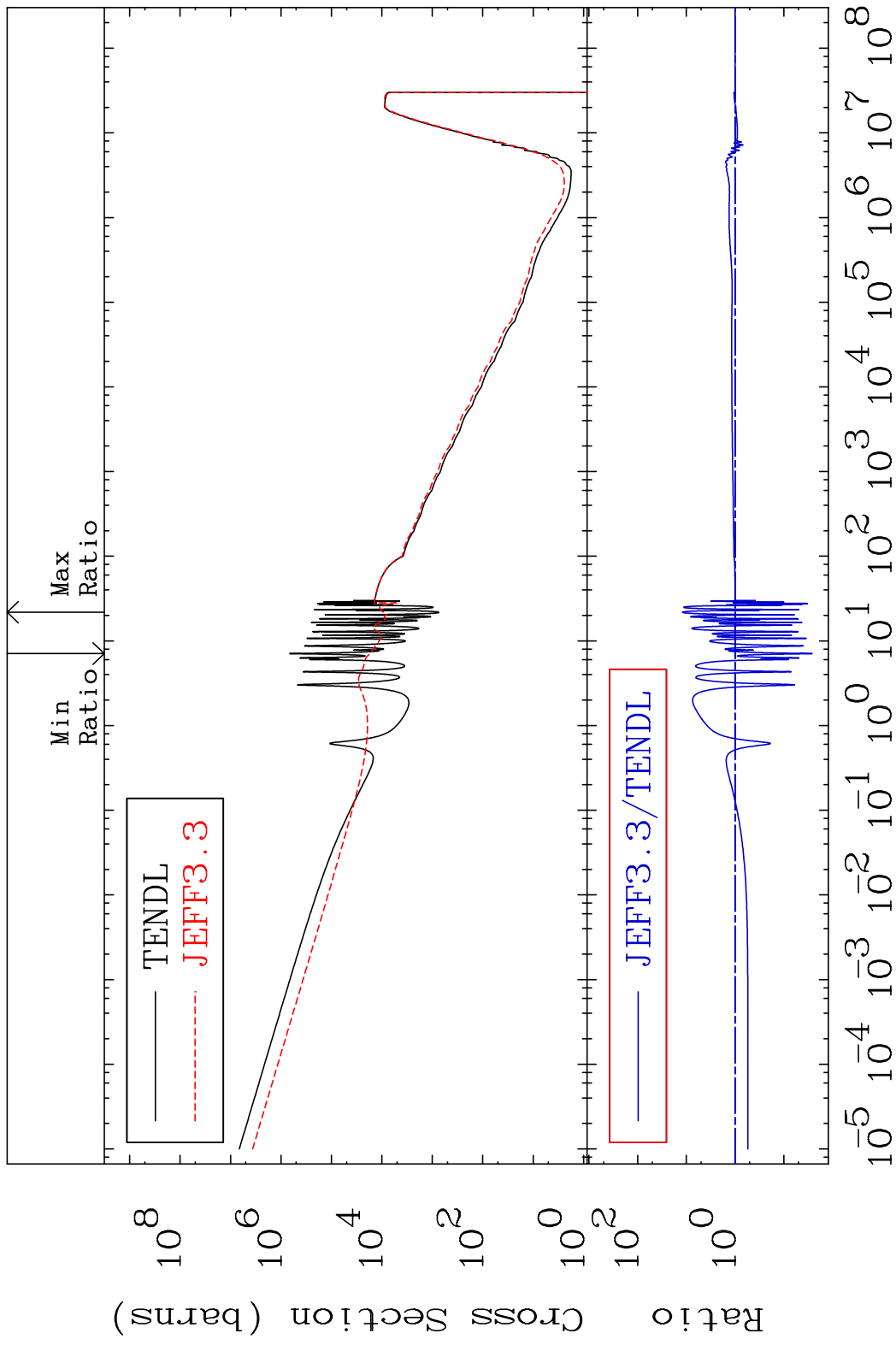
Incident Energy (eV)

66-Dy-159

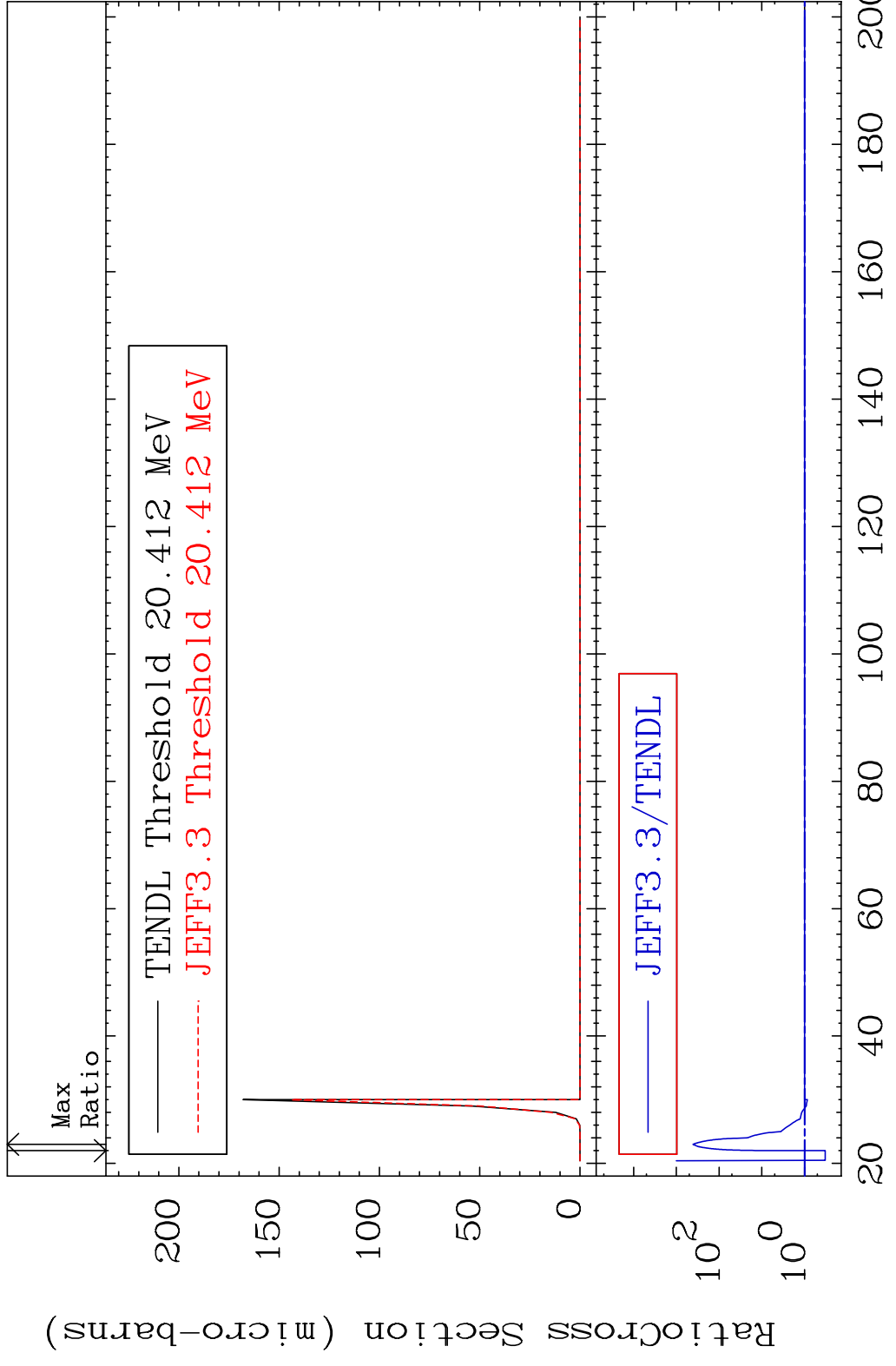
MAT 6634 Dpa inelastic (mt51-91) 66-Dy-159
 Cross Section -100.0 To 23.10 %



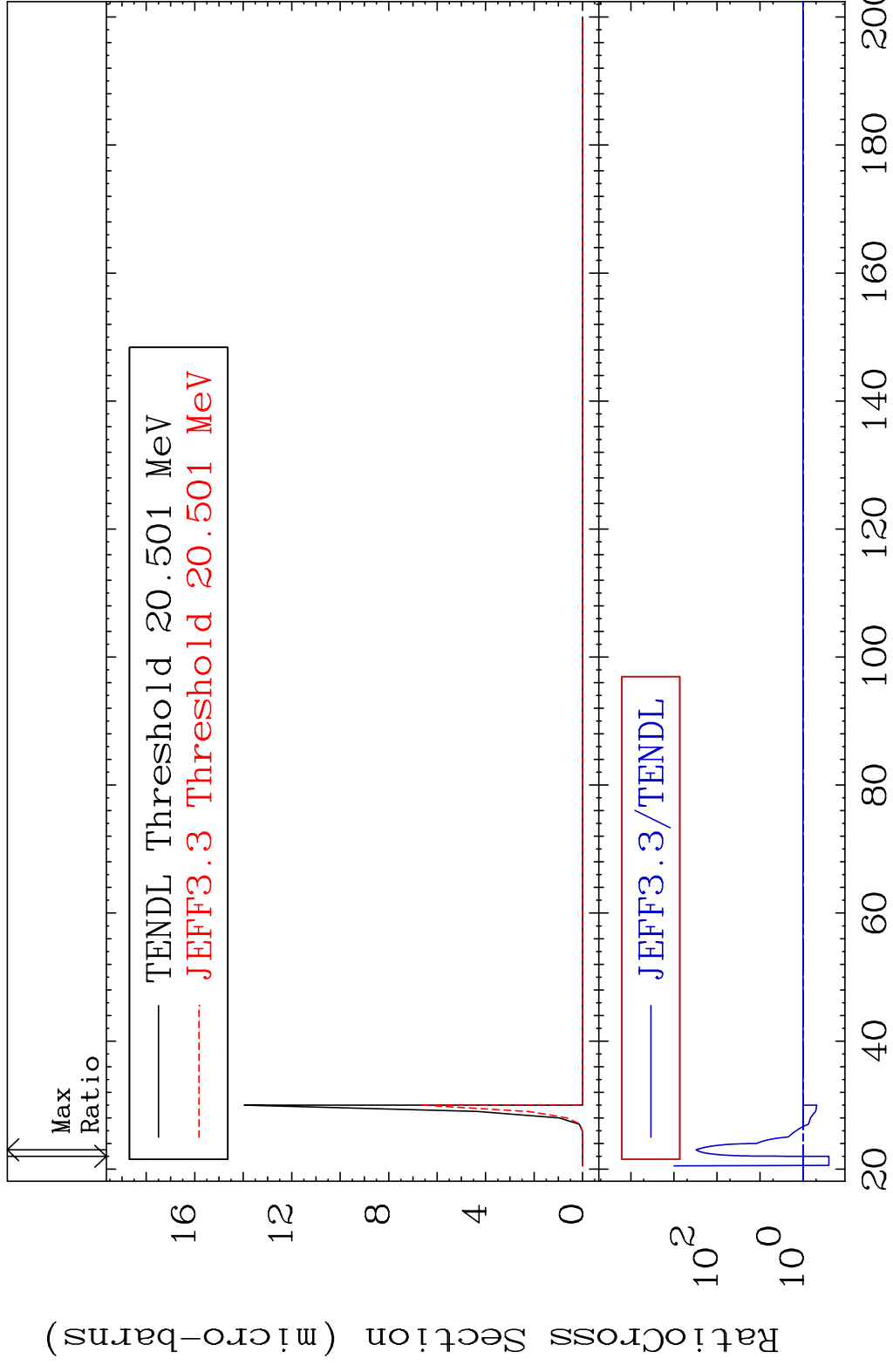
MAT 6634 Dpa disappearance (mt102 -120) 66-Dy-159
 Cross Section -97.43 To 1109. %



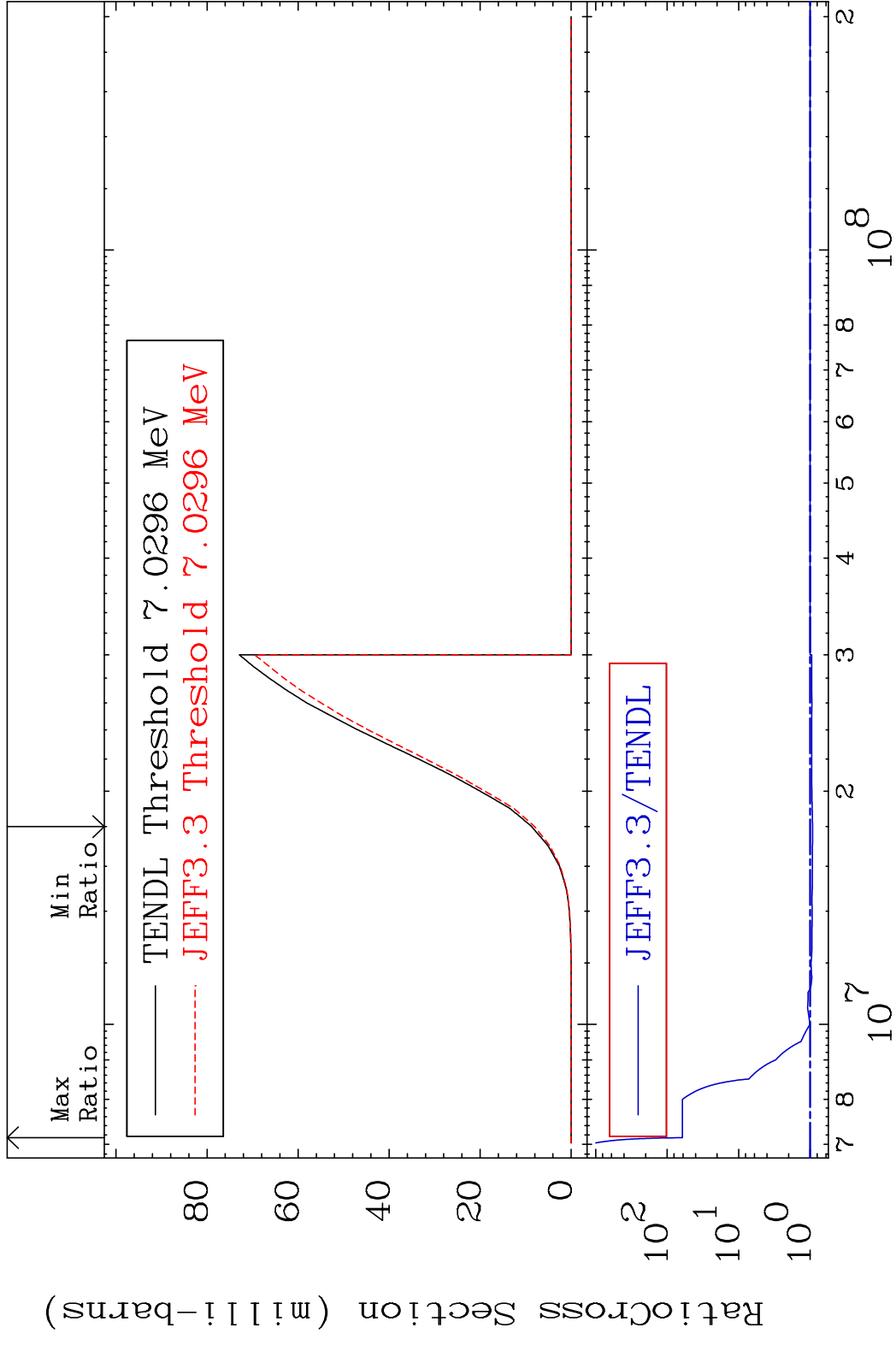
MAT 6634 (n,2n) d:65-Tb-156g 66-Dy-159
 Radionuclide Production Cross Section (%)

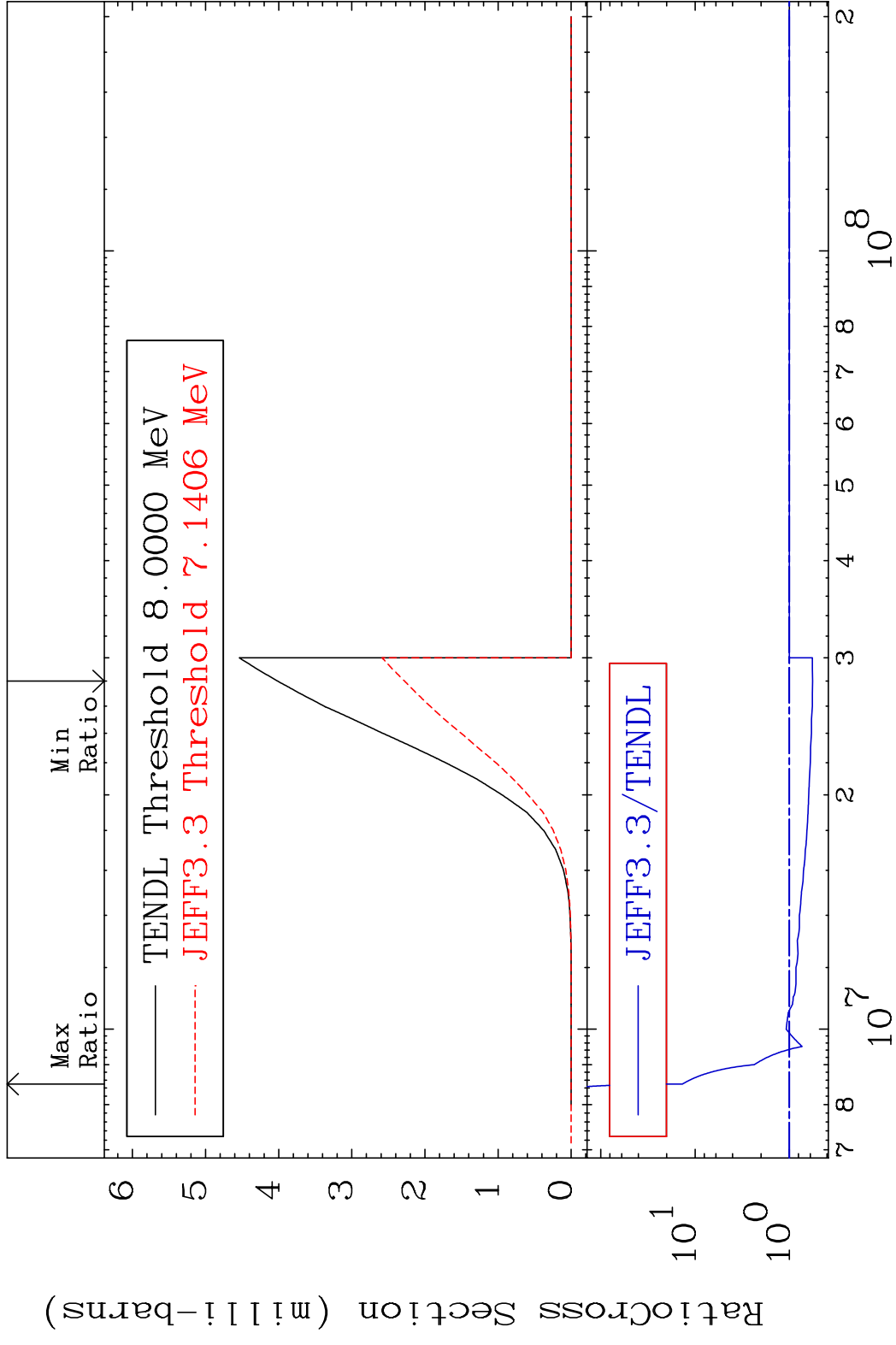


MAT 6634 (n,2n) d:65-Tb-156m3 66-Dy-159
 Radionuclide Production Cross Section to 9999. %



80 Incident Energy (MeV) 66-Dy-159





MAT 6634 (n, n') t:65-Tb-156g 66-Dy-159
 Radionuclide Production Cross Section 1800 d to 457.2 %

