

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

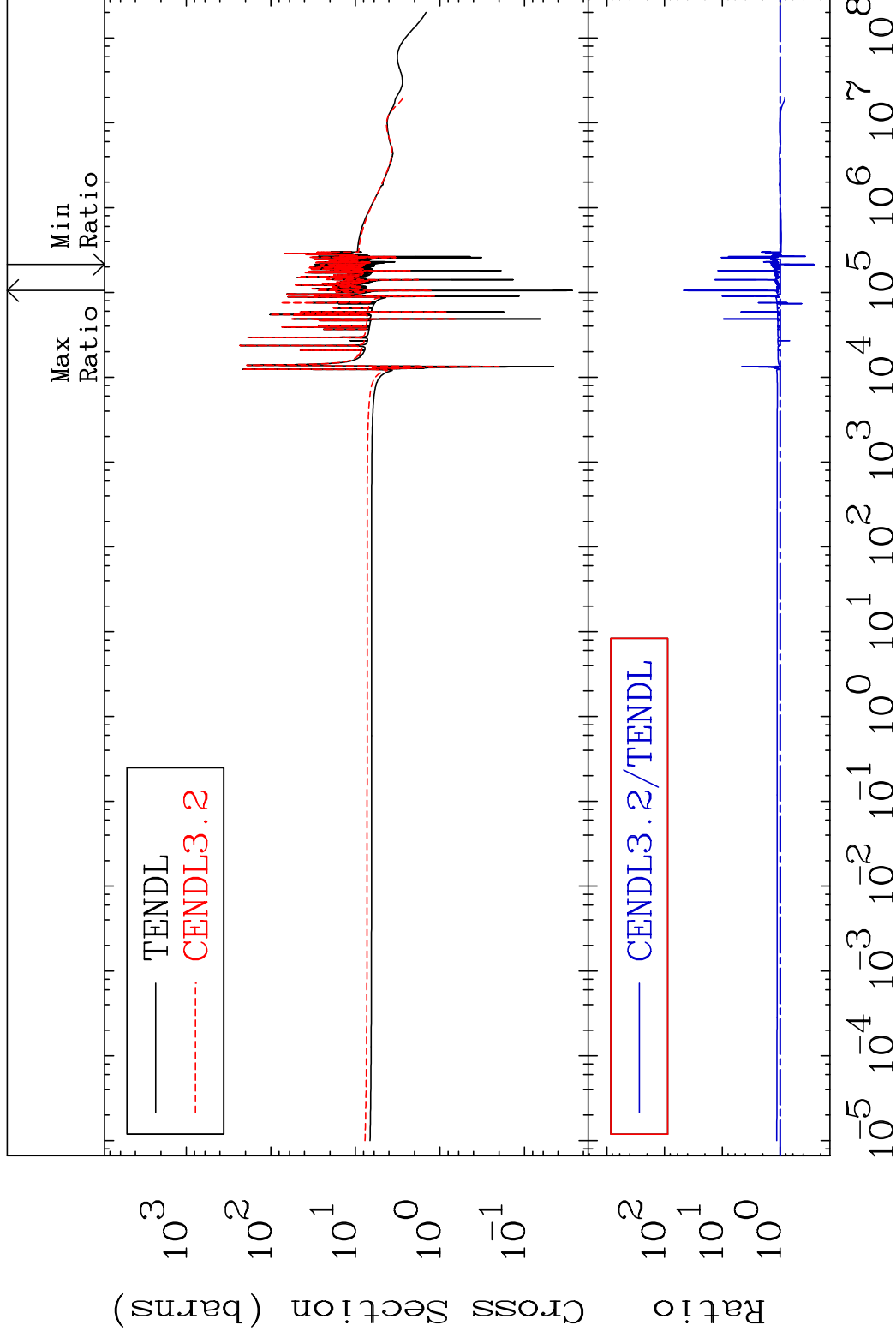
MAT 3837

Total

38-Sr-88

Cross Section

-74.17 To 4578. %



1

Incident Energy (eV)

38-Sr-88

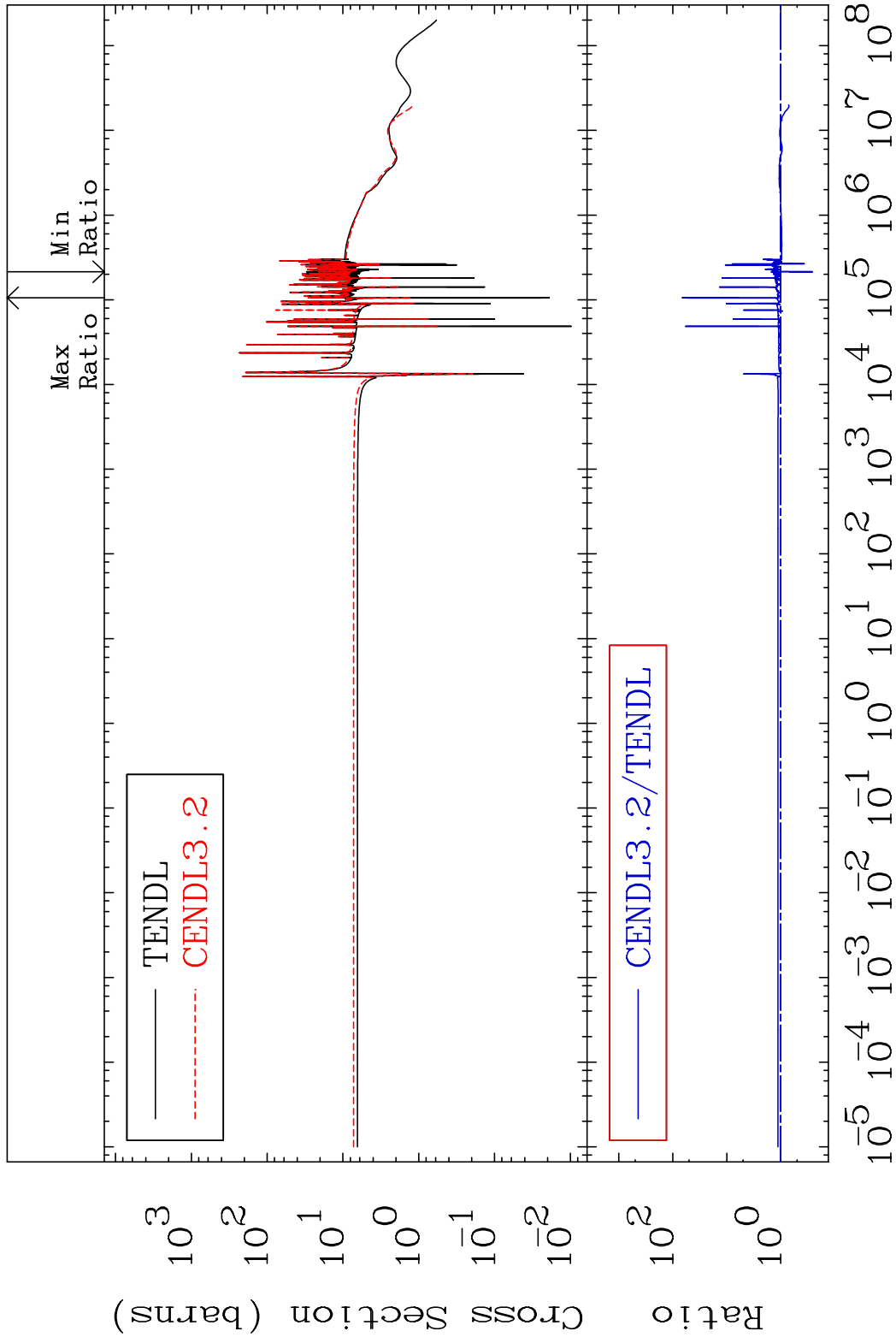
MAT 3837

Elastic

38-Sr-88

Cross Section

-74.25 To 6557. %

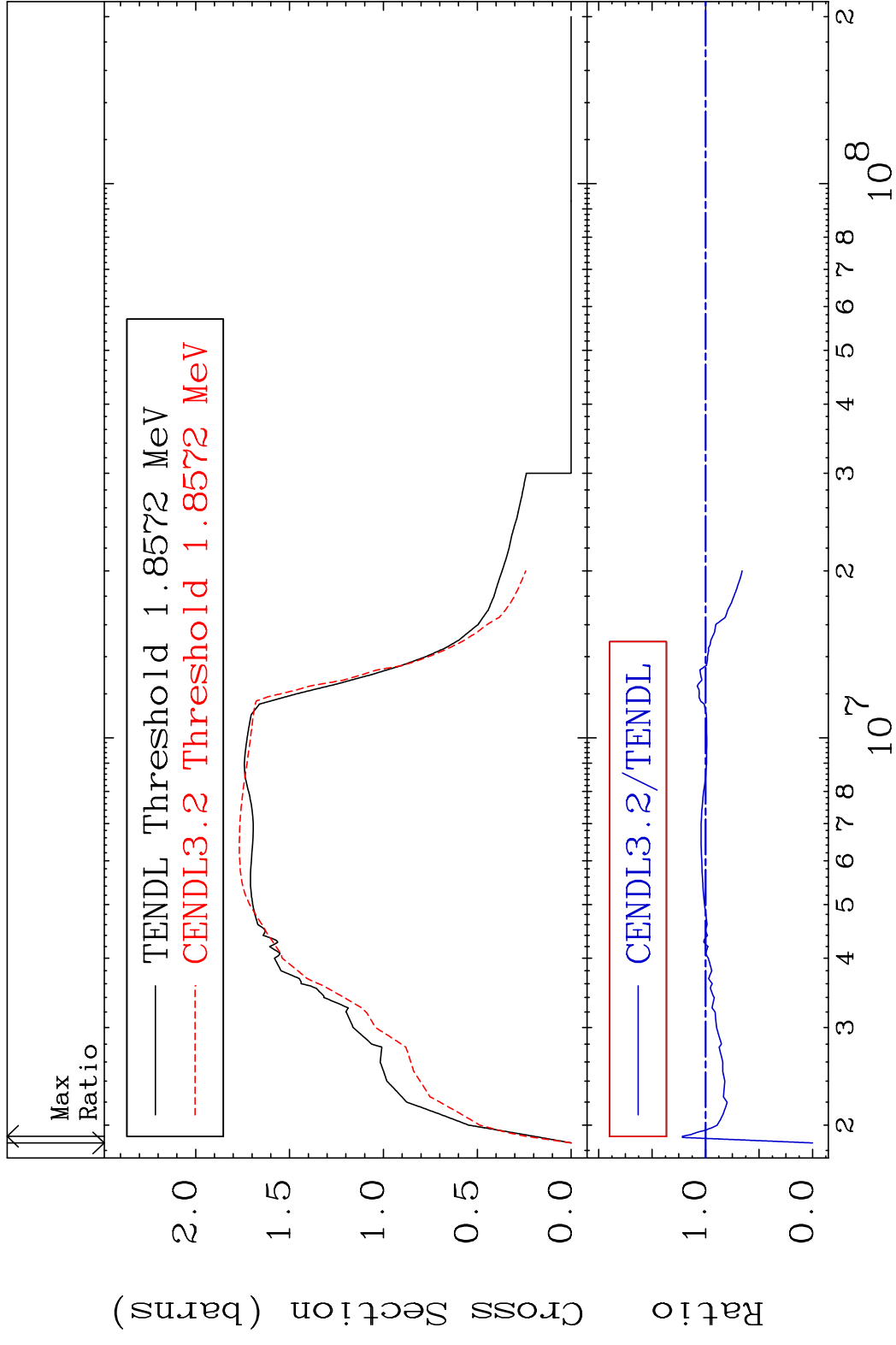


2

Incident Energy (eV)

38-Sr-88

MAT 3837 Inelastic 38-Sr-88
 Cross Section -100.0 To 21.70 %



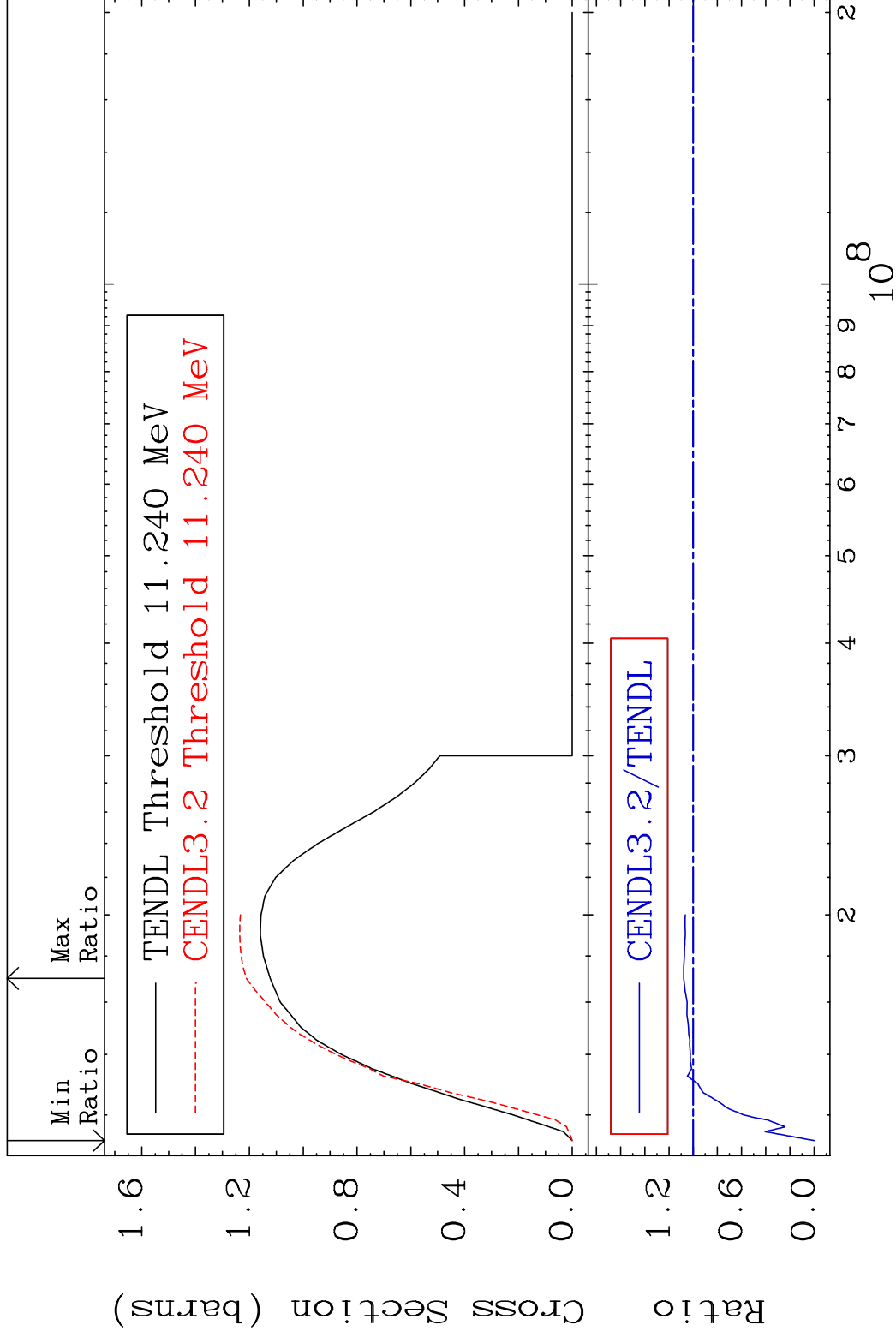
3 Incident Energy (eV) 38-Sr-88

MAT 3837

(n,2n)

38-Sr-88

Cross Section -100.0 To 7.875 %



4

Incident Energy (eV)

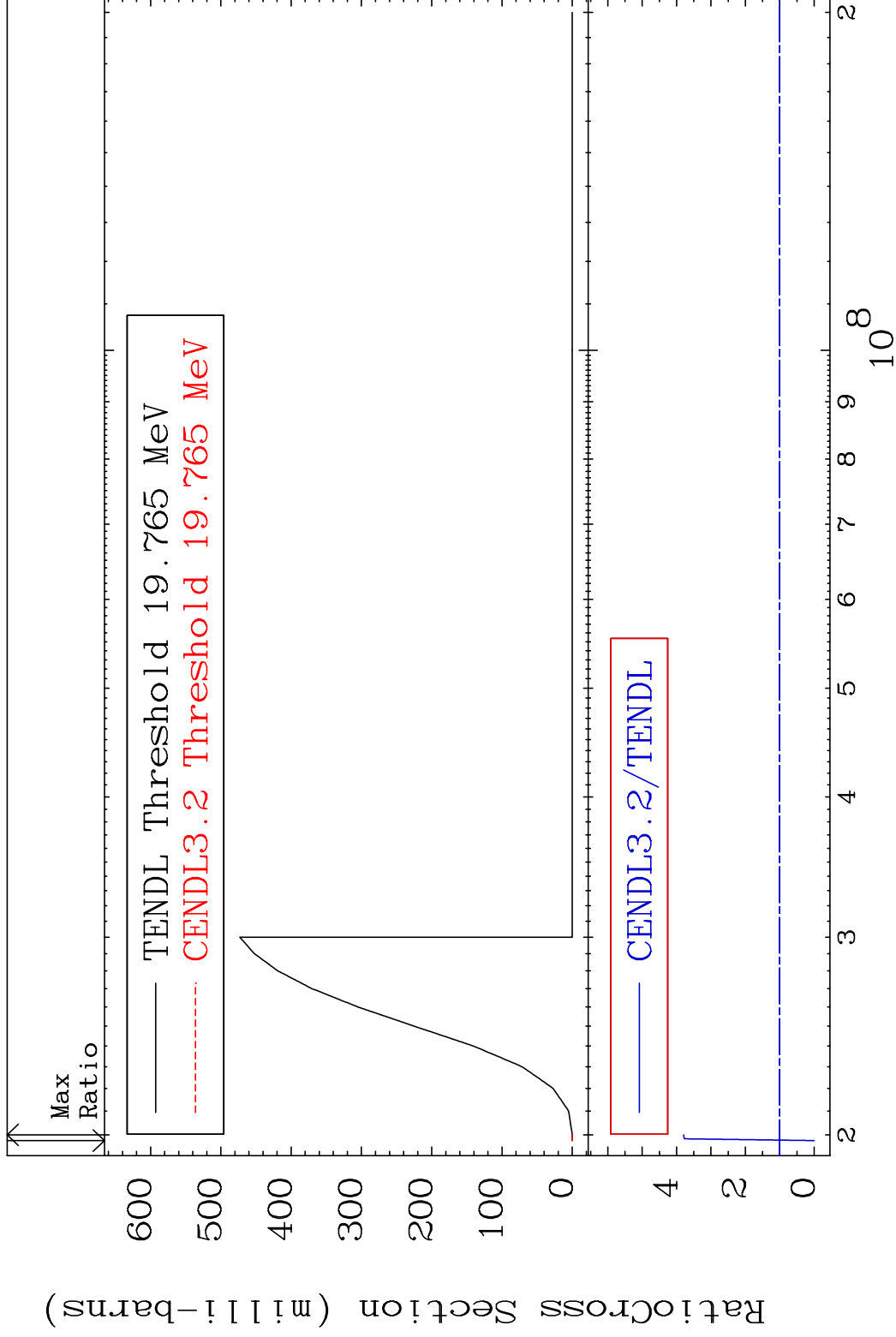
38-Sr-88

MAT 3837

(n,3n)

38-Sr-88

Cross Section -100.0 To 279.4 %



5

Incident Energy (eV)

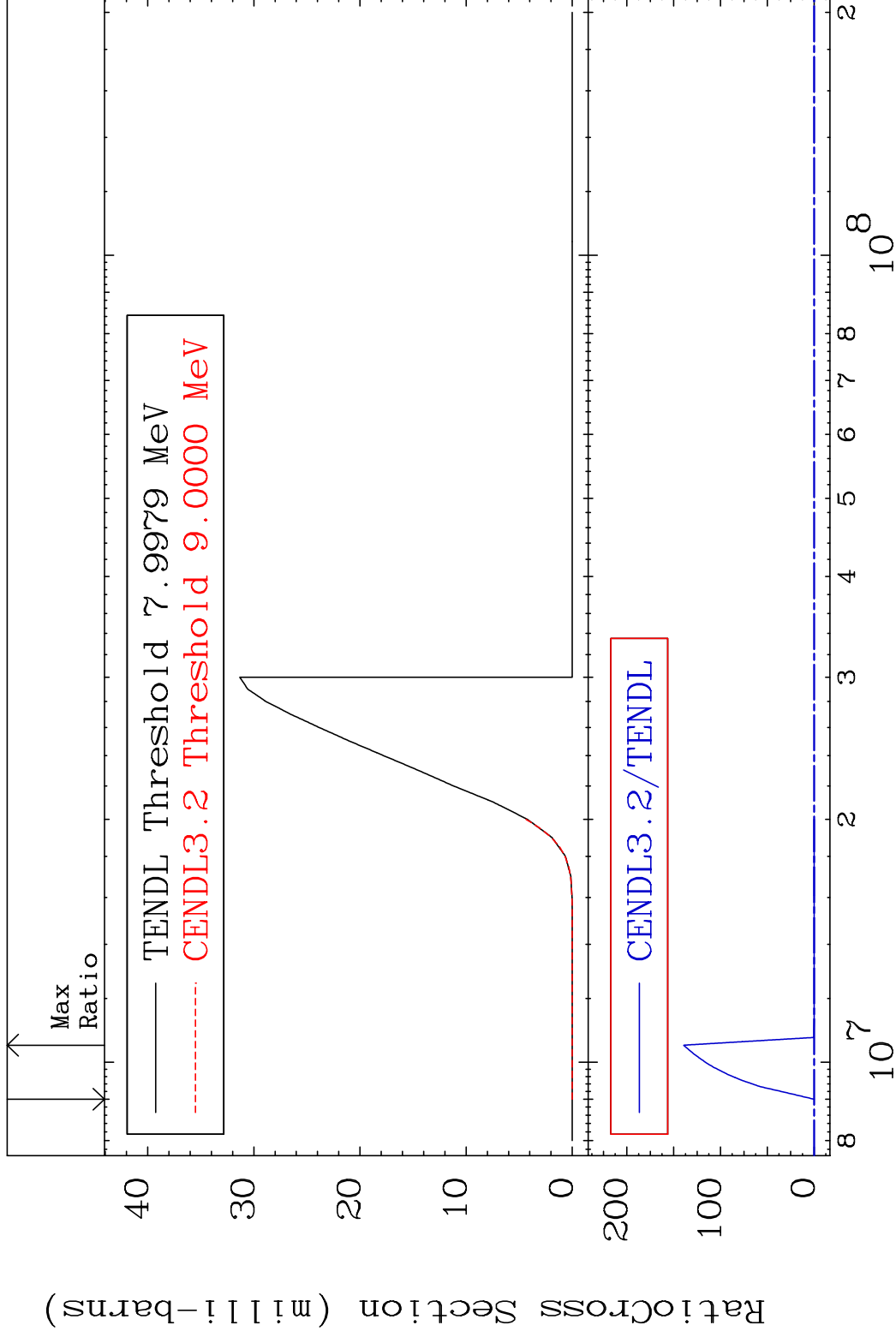
38-Sr-88

MAT 3837

(n, n') α

38-Sr-88

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

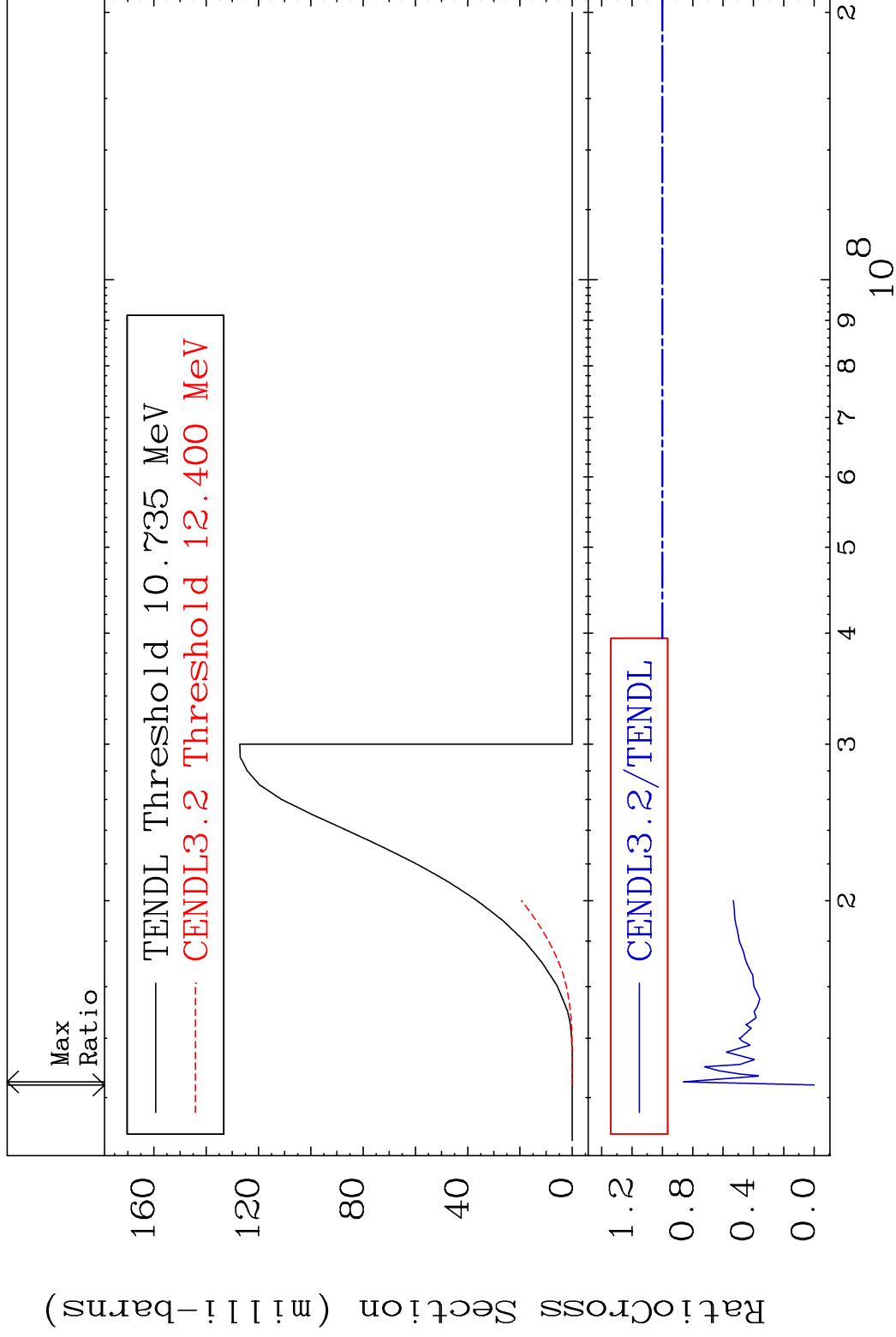
38-Sr-88

MAT 3837

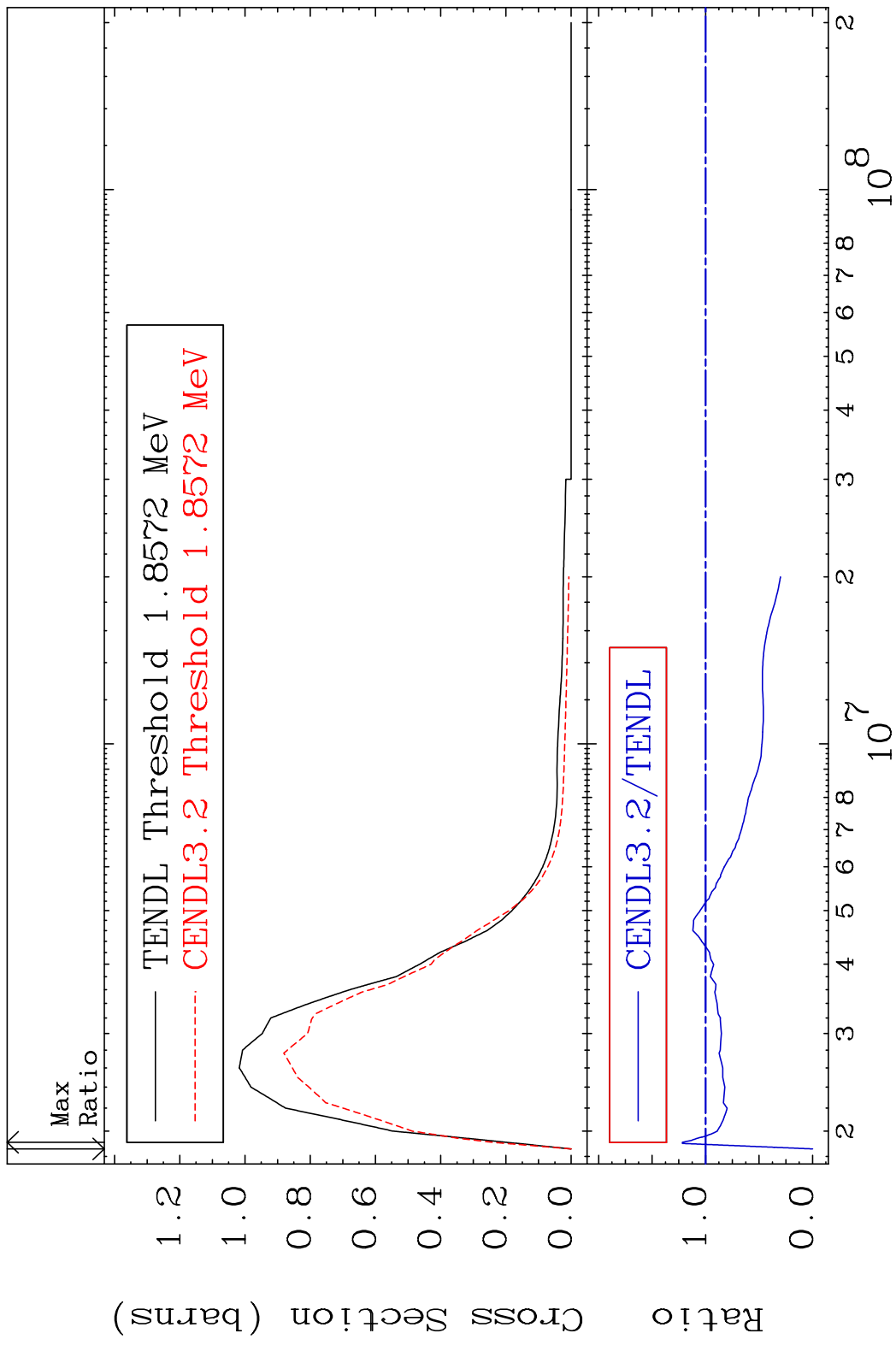
(n, n') p

38-Sr-88

Cross Section -100.0 To -14.01%

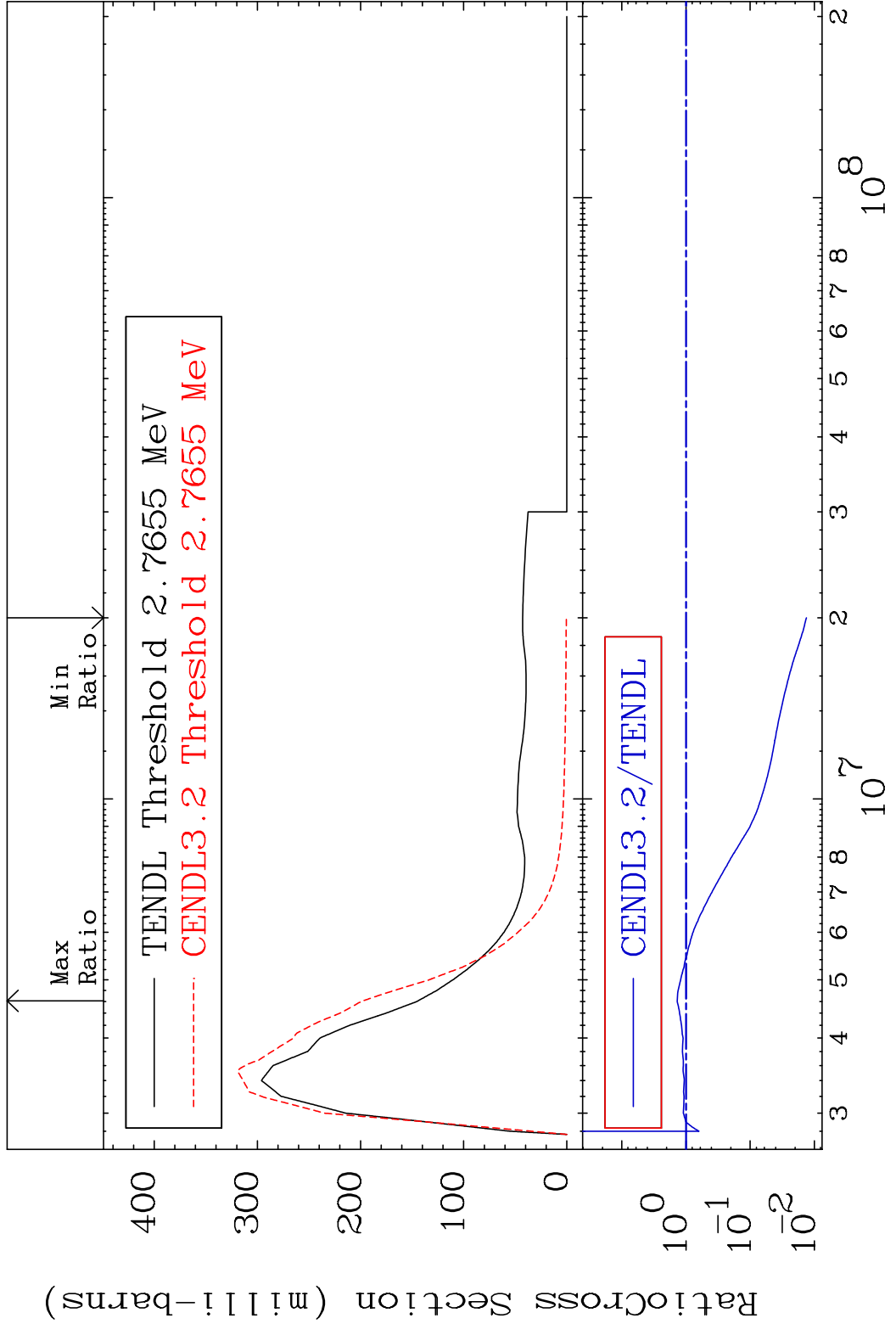


MAT 3837 MT= 51 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 21.70 %

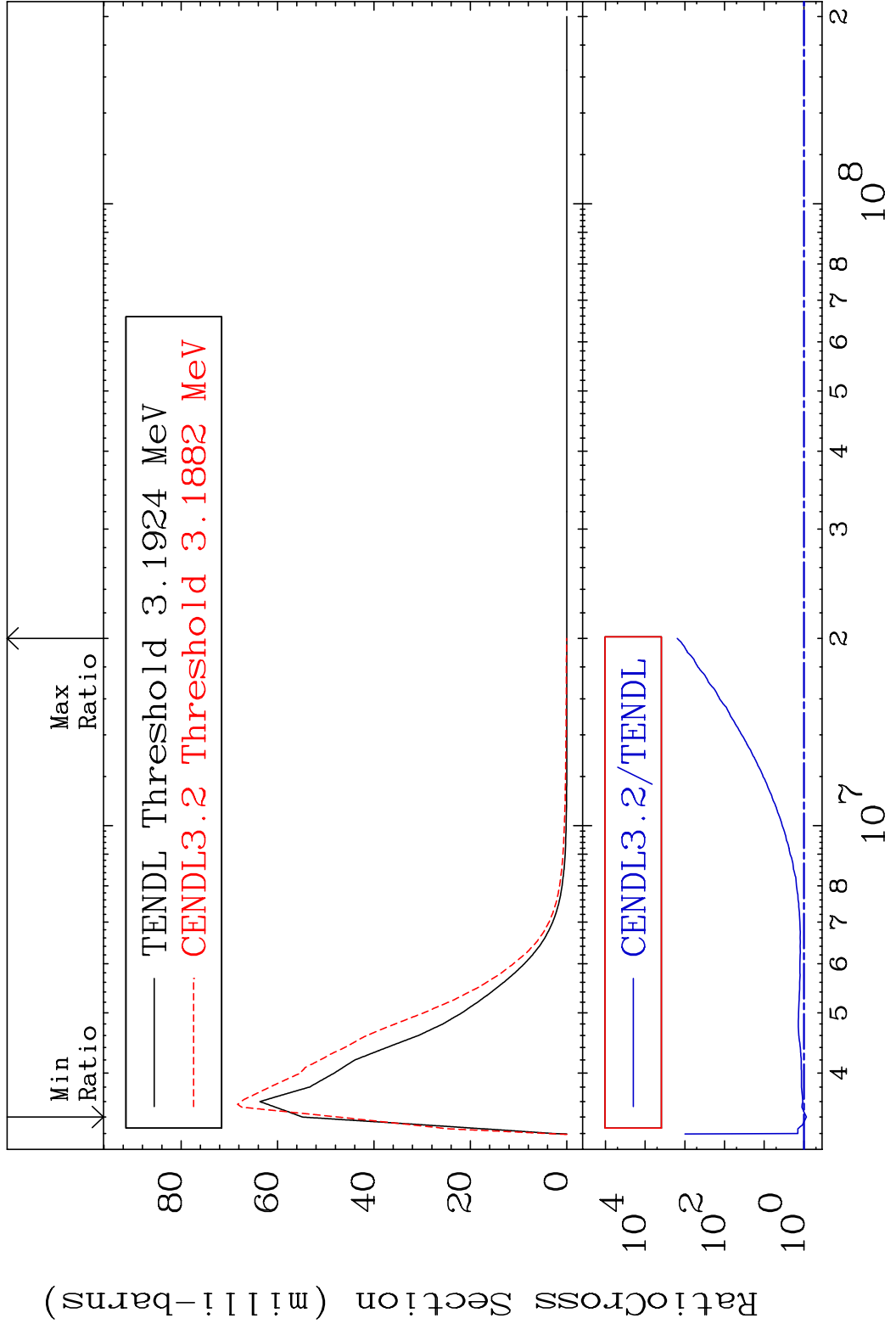


8 Incident Energy (eV) 38-Sr-88

MAT 3837 MT= 52 (n, n') Level 38-Sr-88
 Cross Section -98.67 To 36.98 %

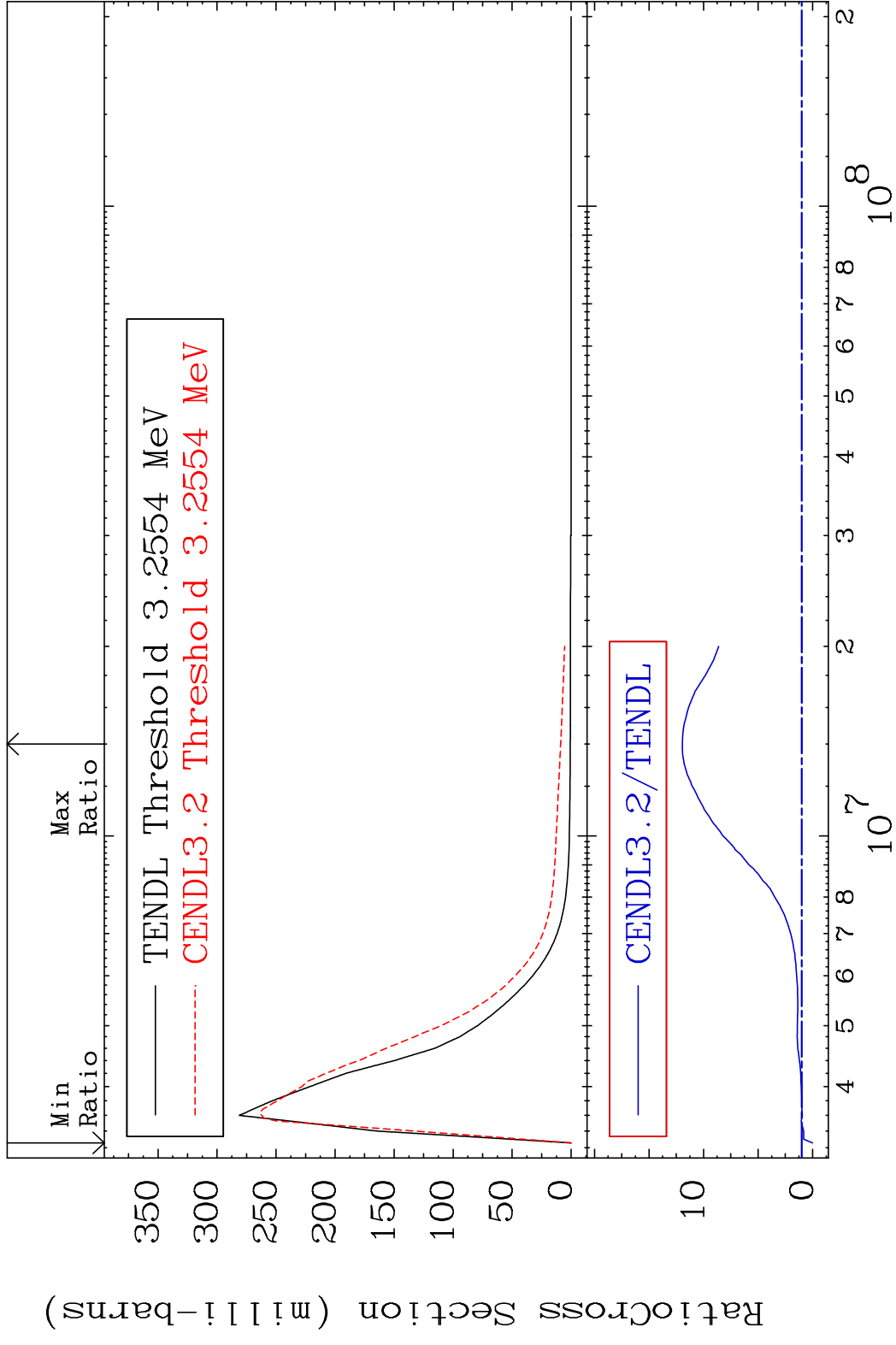


MAT 3837 MT= 53 (n, n') Level 38-Sr-88
 Cross Section -13.52 To 9999. %

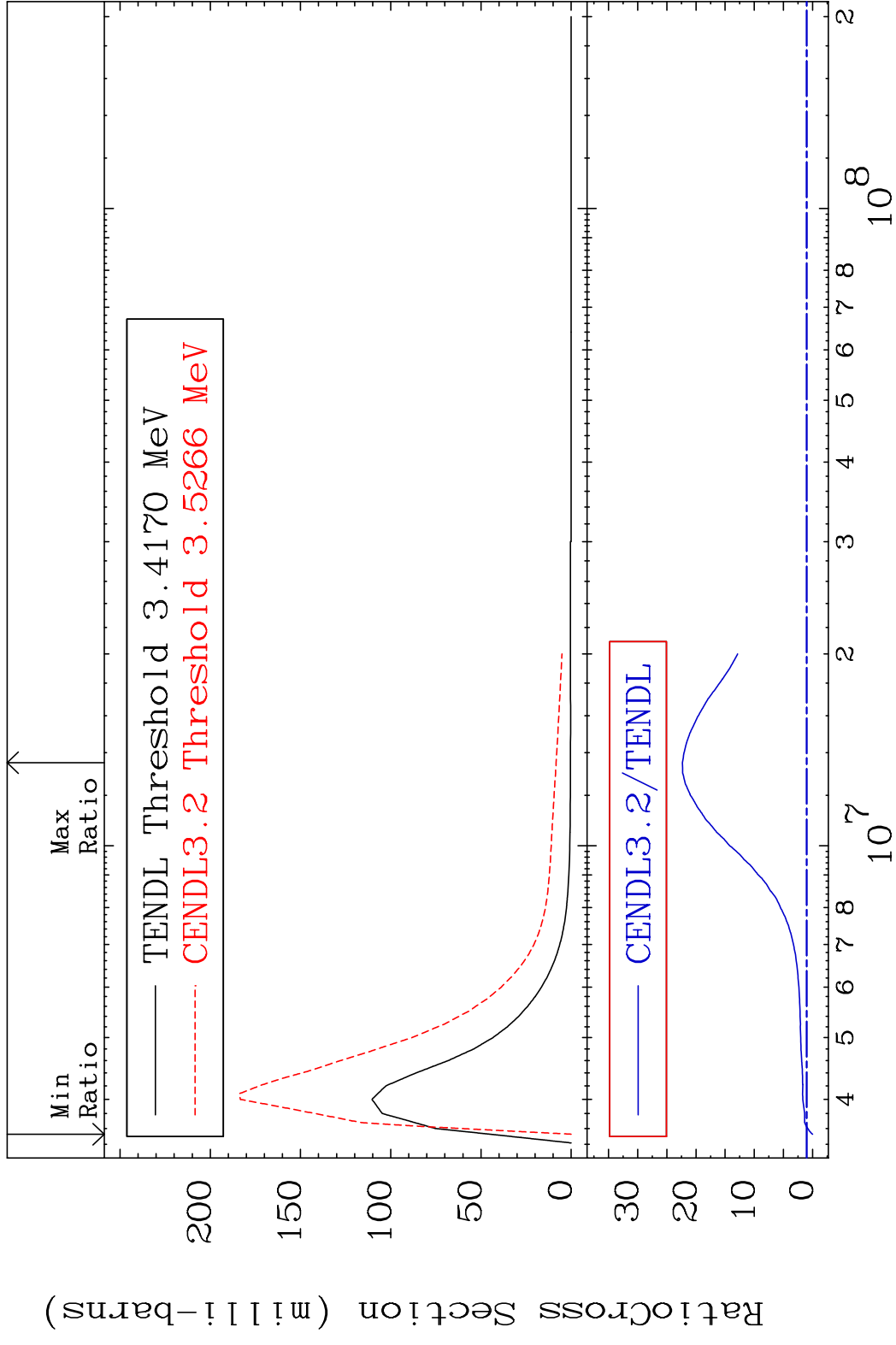


10 Incident Energy (eV) 38-Sr-88

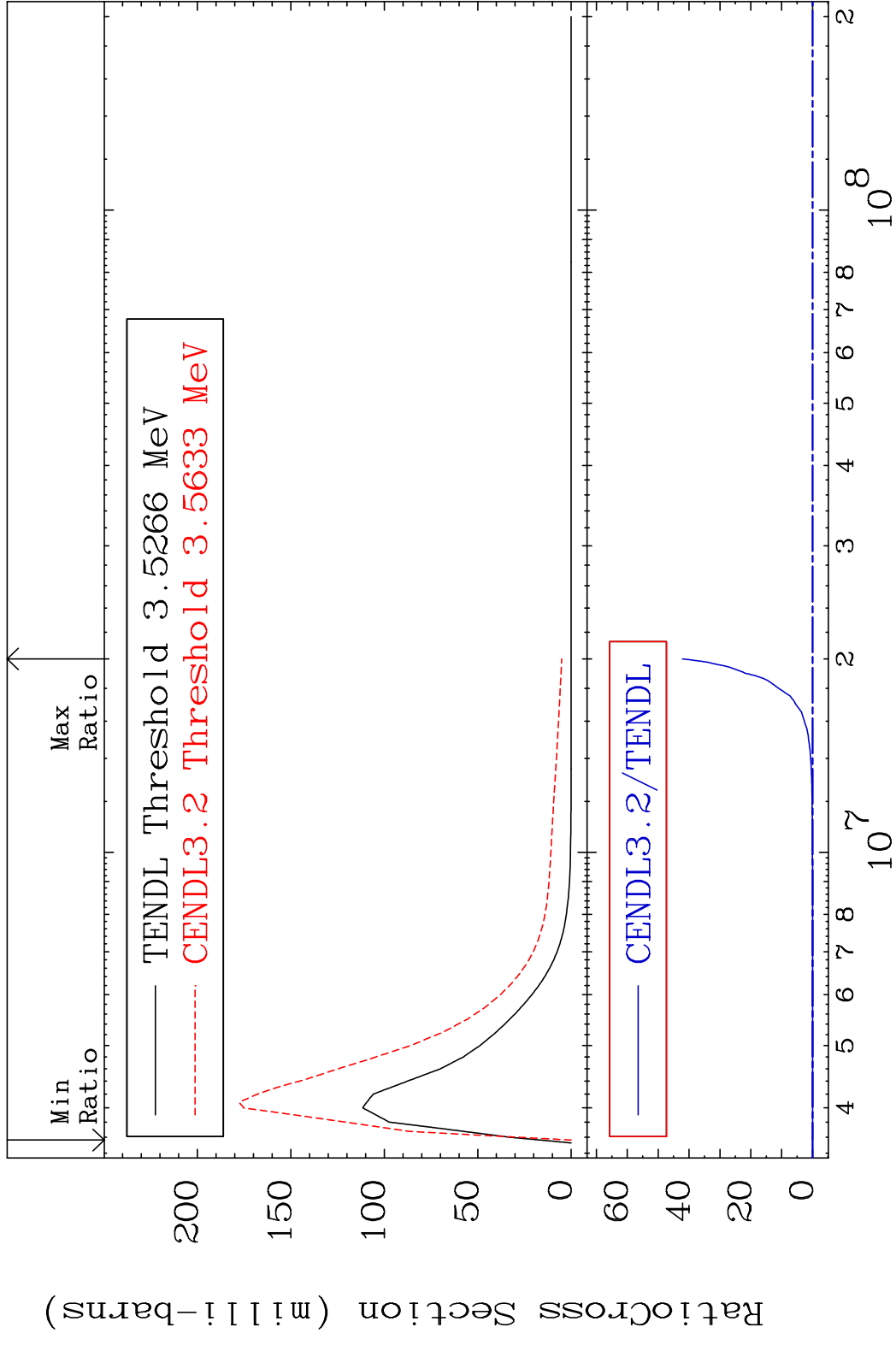
MAT 3837 MT= 54 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 1094. %



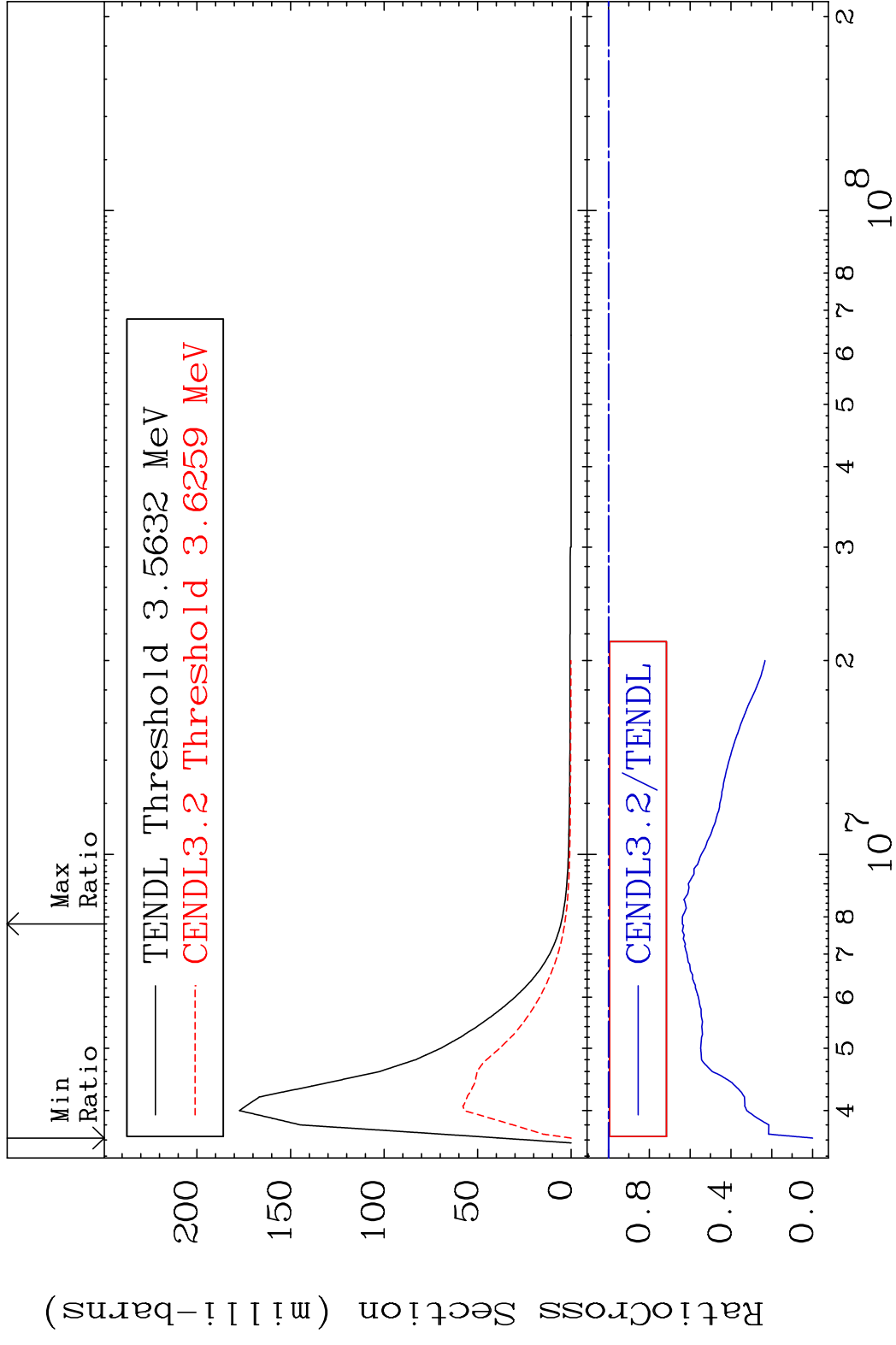
MAT 3837 MT= 55 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 2134. %



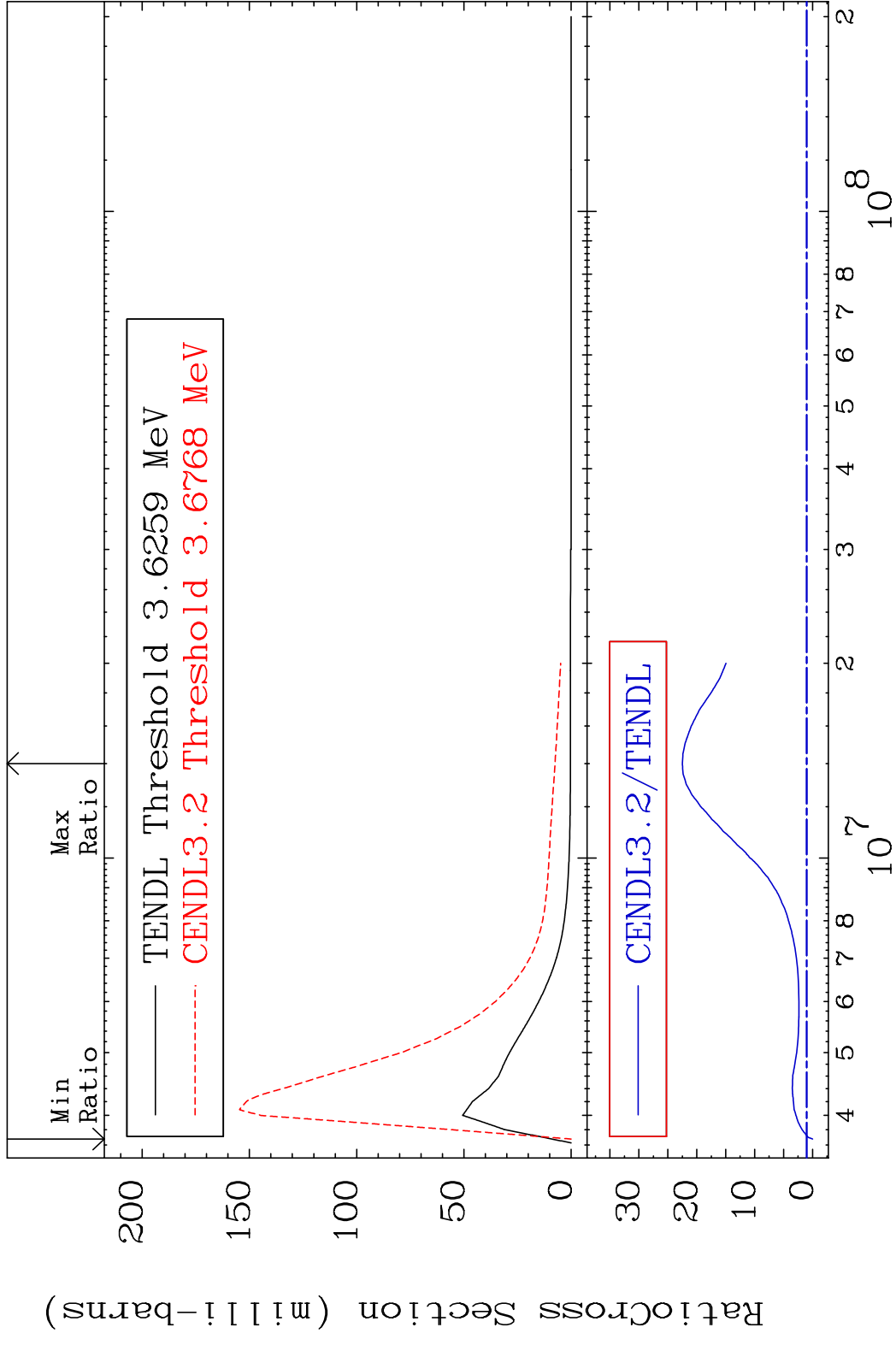
MAT 3837 MT= 56 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



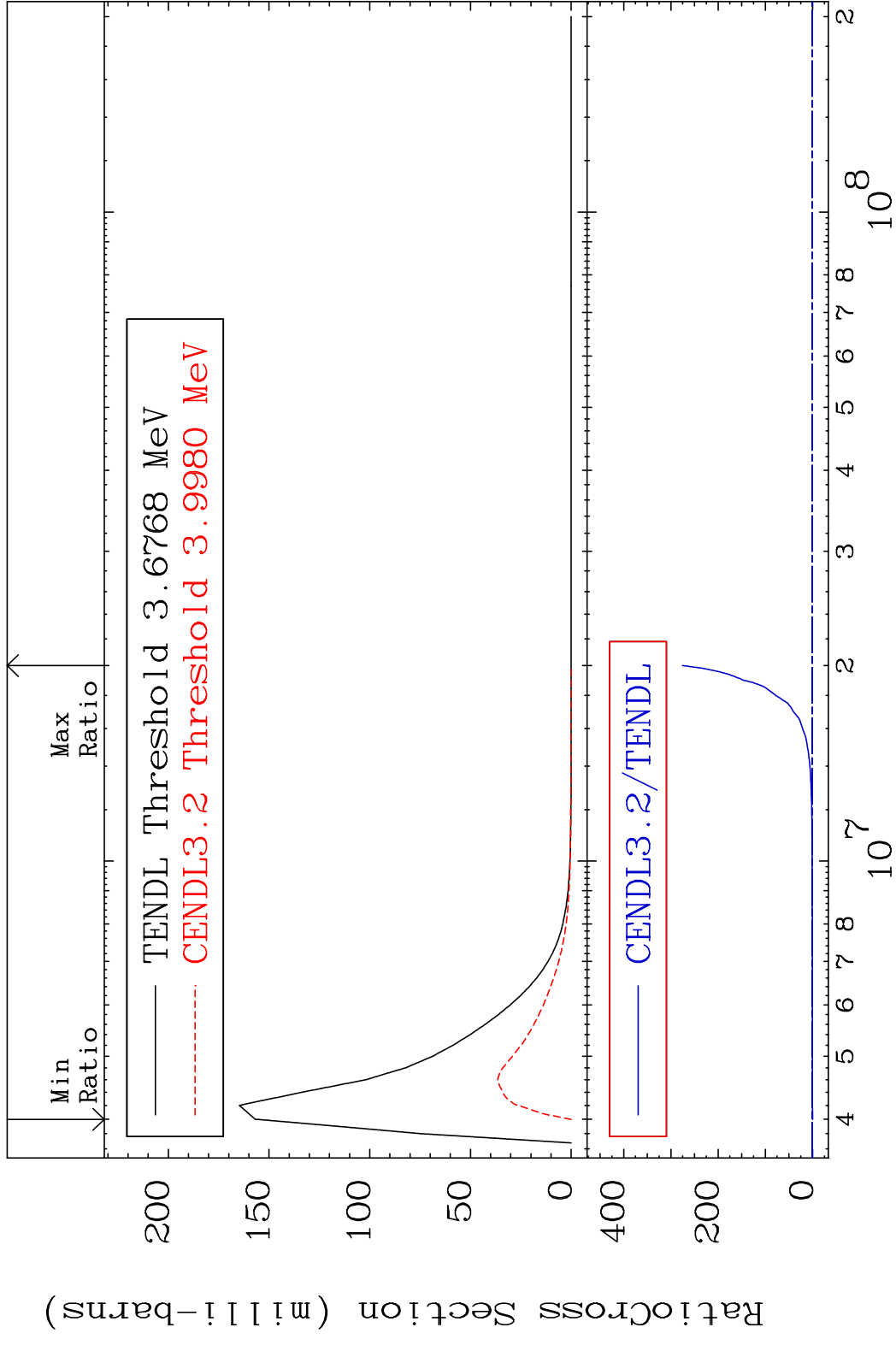
MAT 3837 MT= 57 (n,n') Level 38-Sr-88
 Cross Section -100.0 To -36.19%



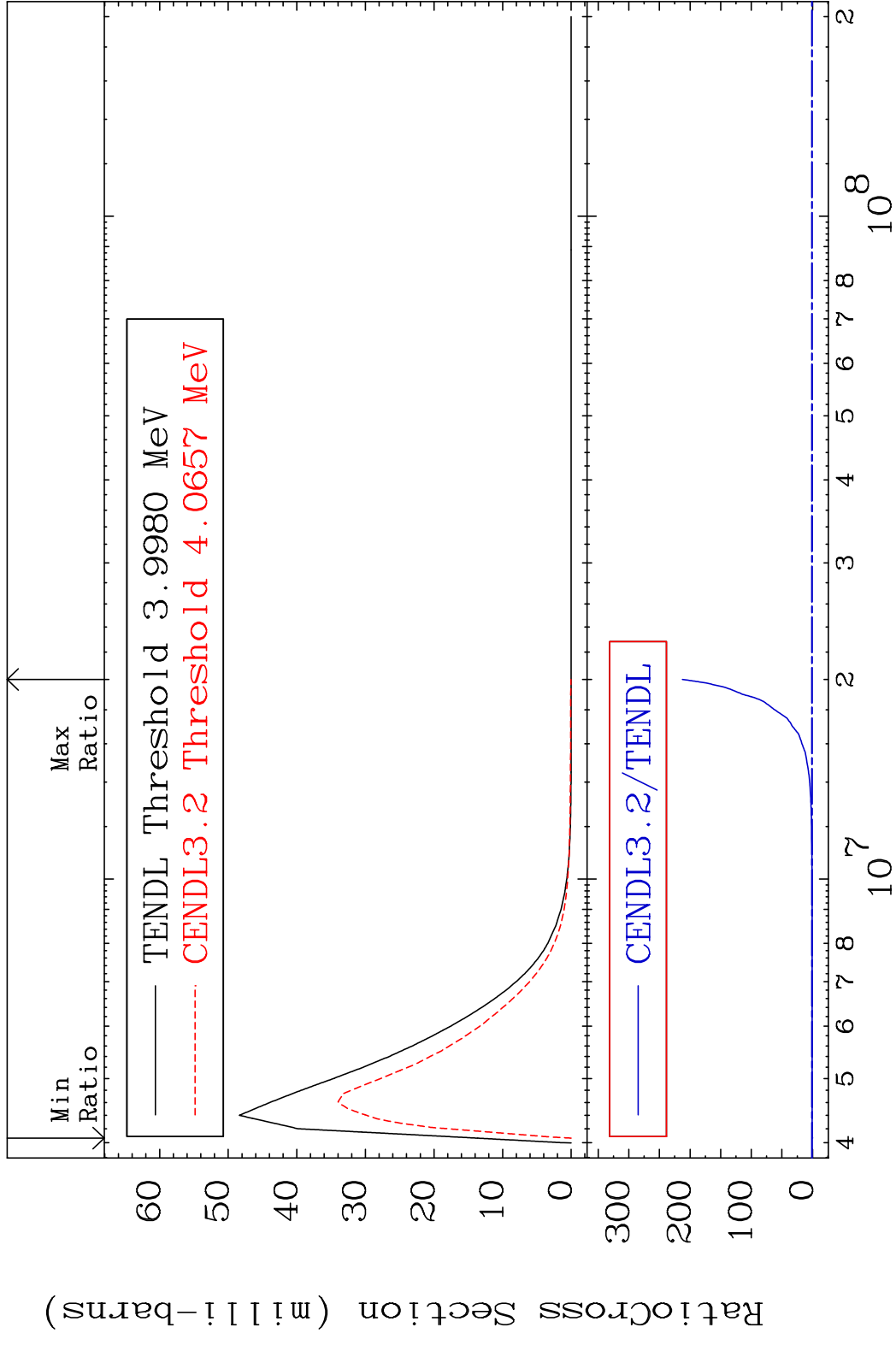
MAT 3837 MT= 58 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 2149. %



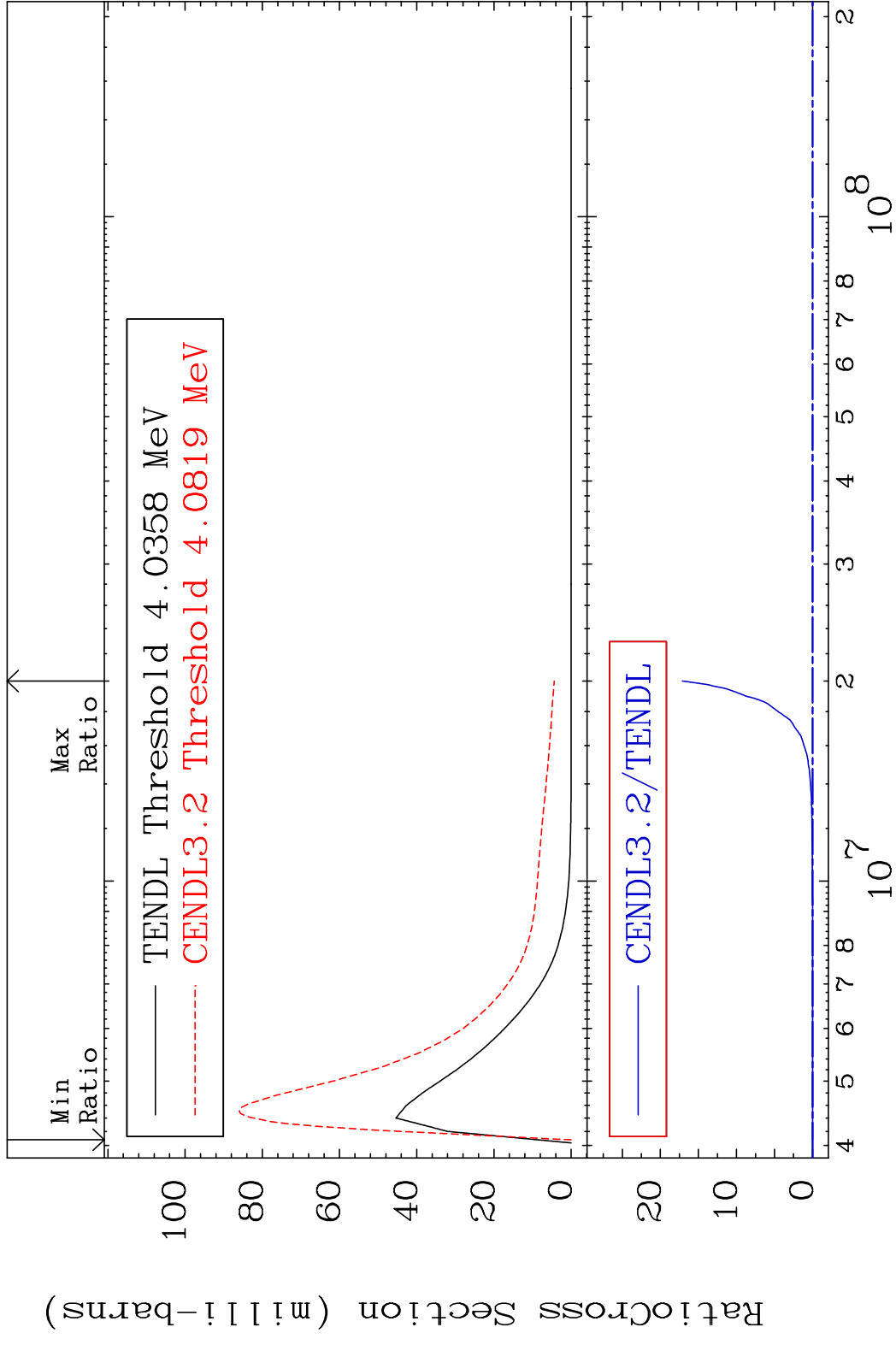
MAT 3837 MT= 59 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



MAT 3837 MT= 60 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %

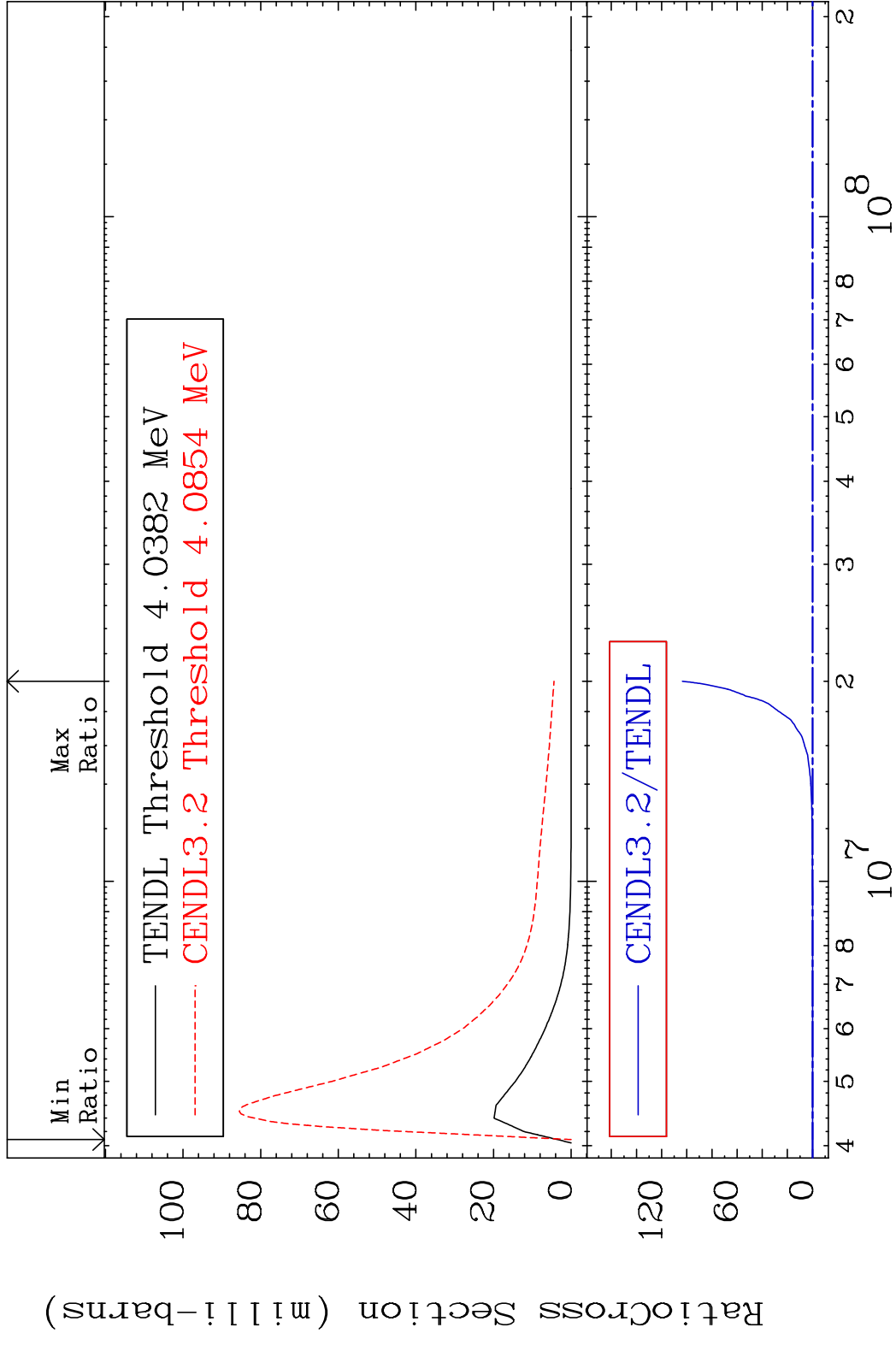


MAT 3837 MT= 61 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %

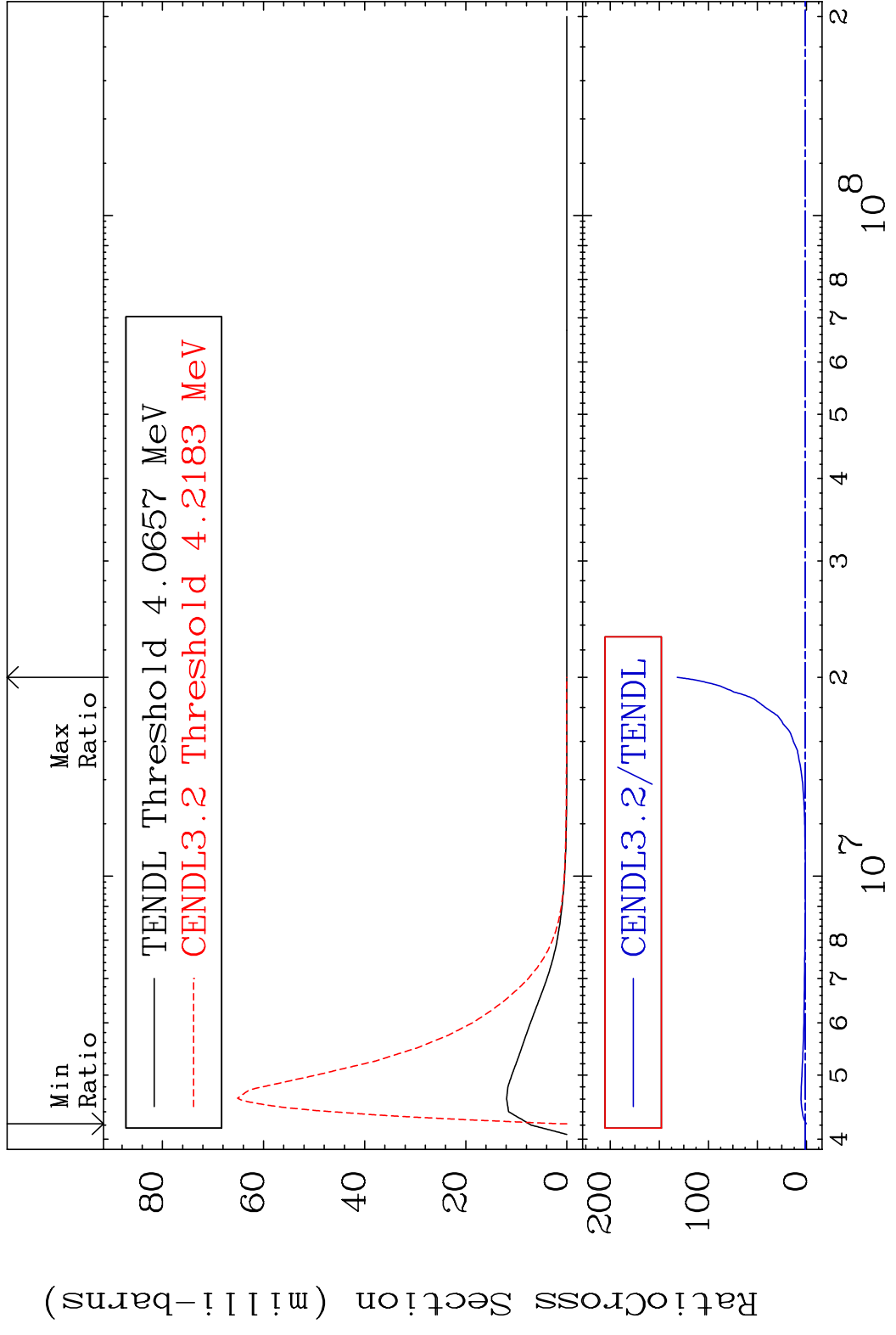


18 Incident Energy (eV) 38-Sr-88

MAT 3837 MT= 62 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %

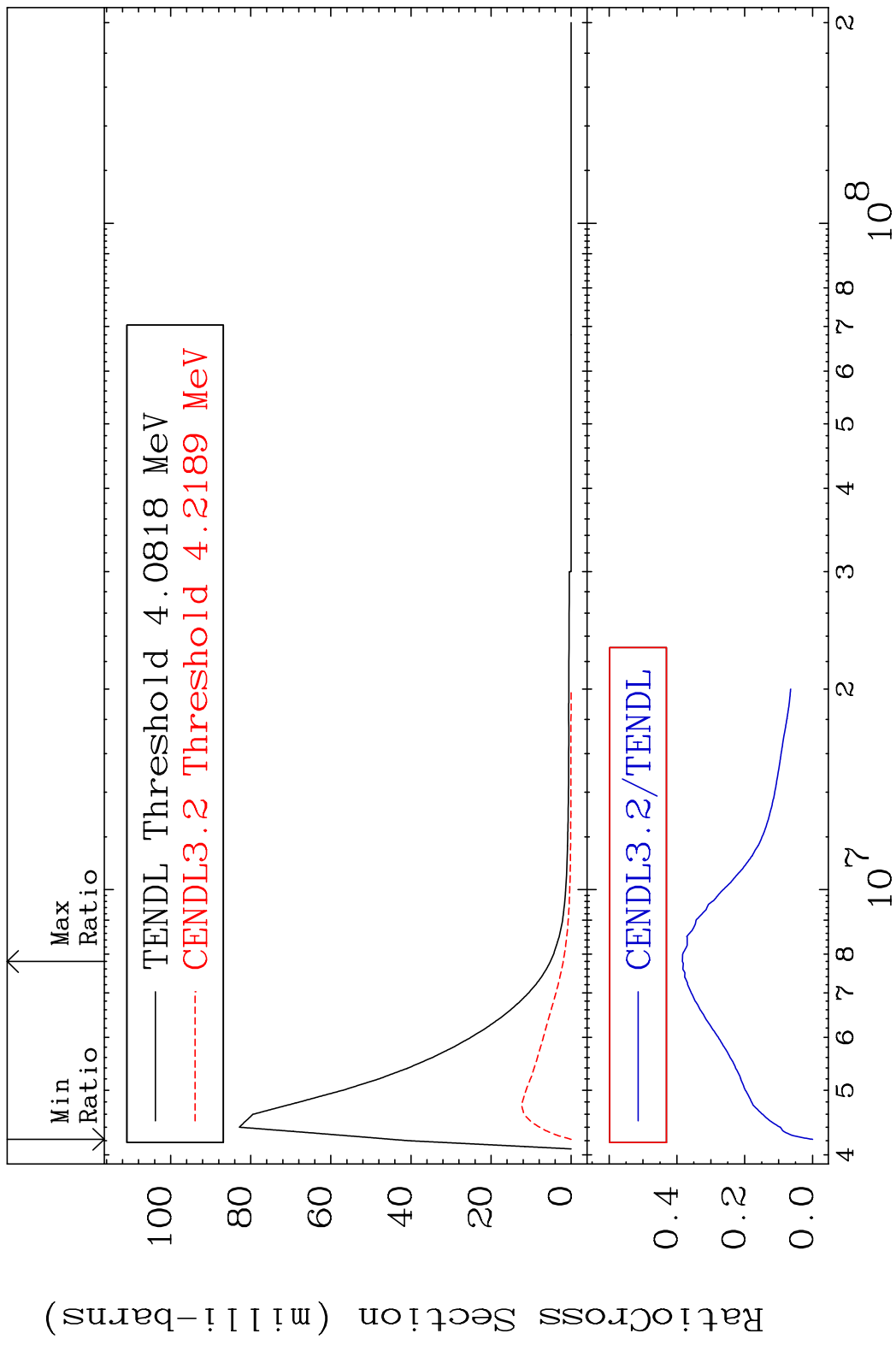


MAT 3837 MT= 63 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %

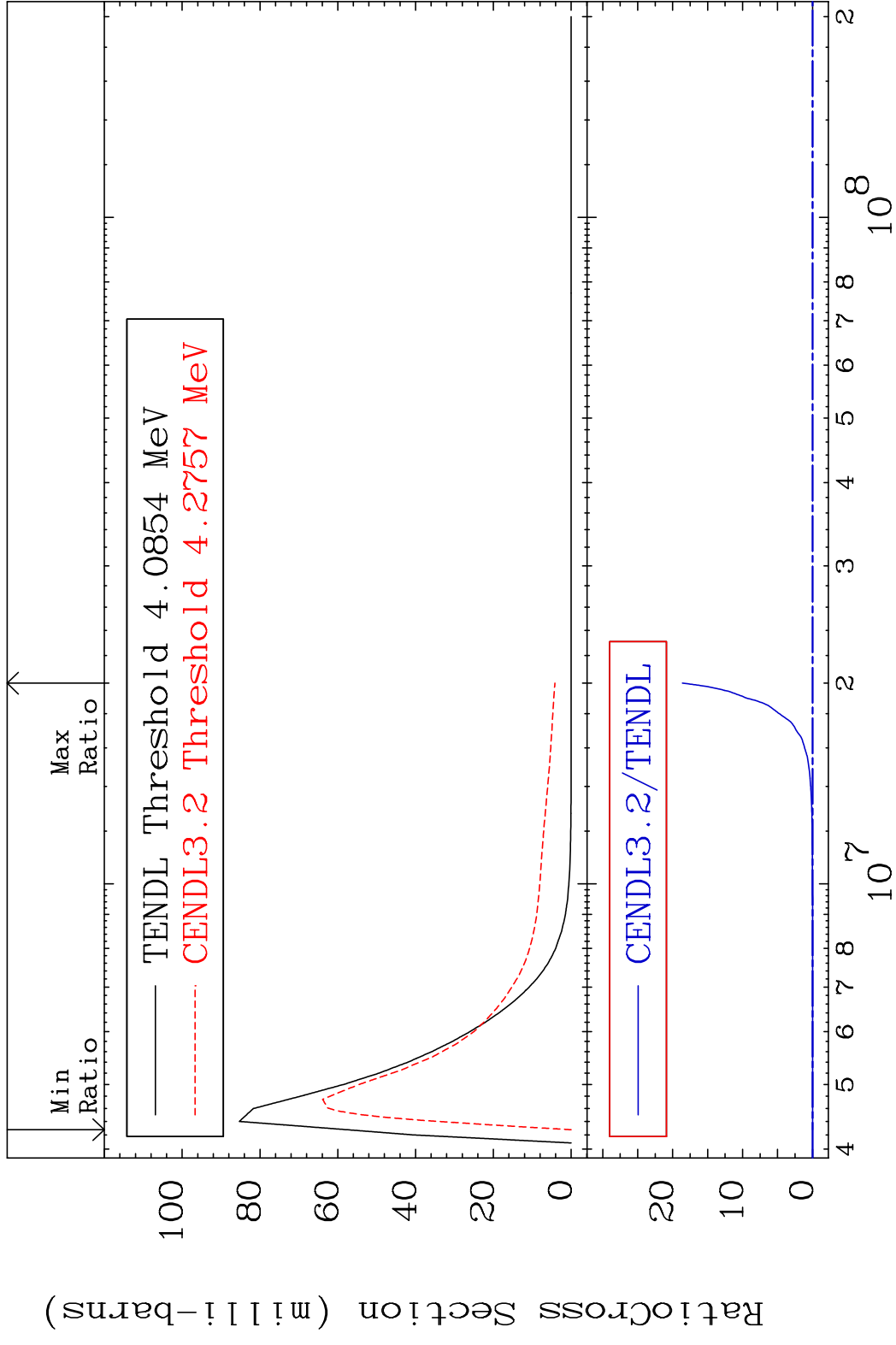


20 Incident Energy (eV) 38-Sr-88

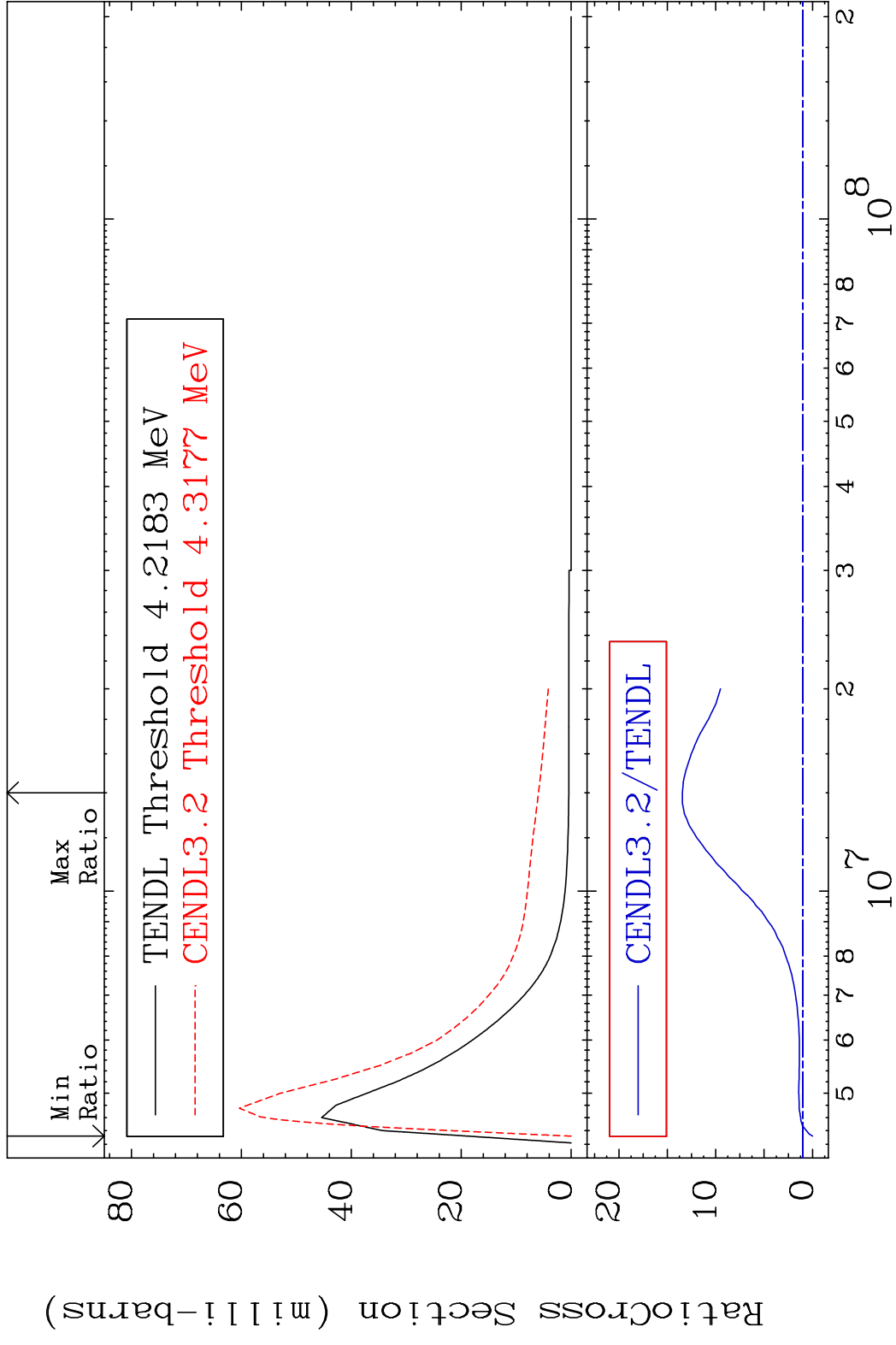
MAT 3837 MT= 64 (n,n') Level 38-Sr-88
 Cross Section -100.0 To -61.60%



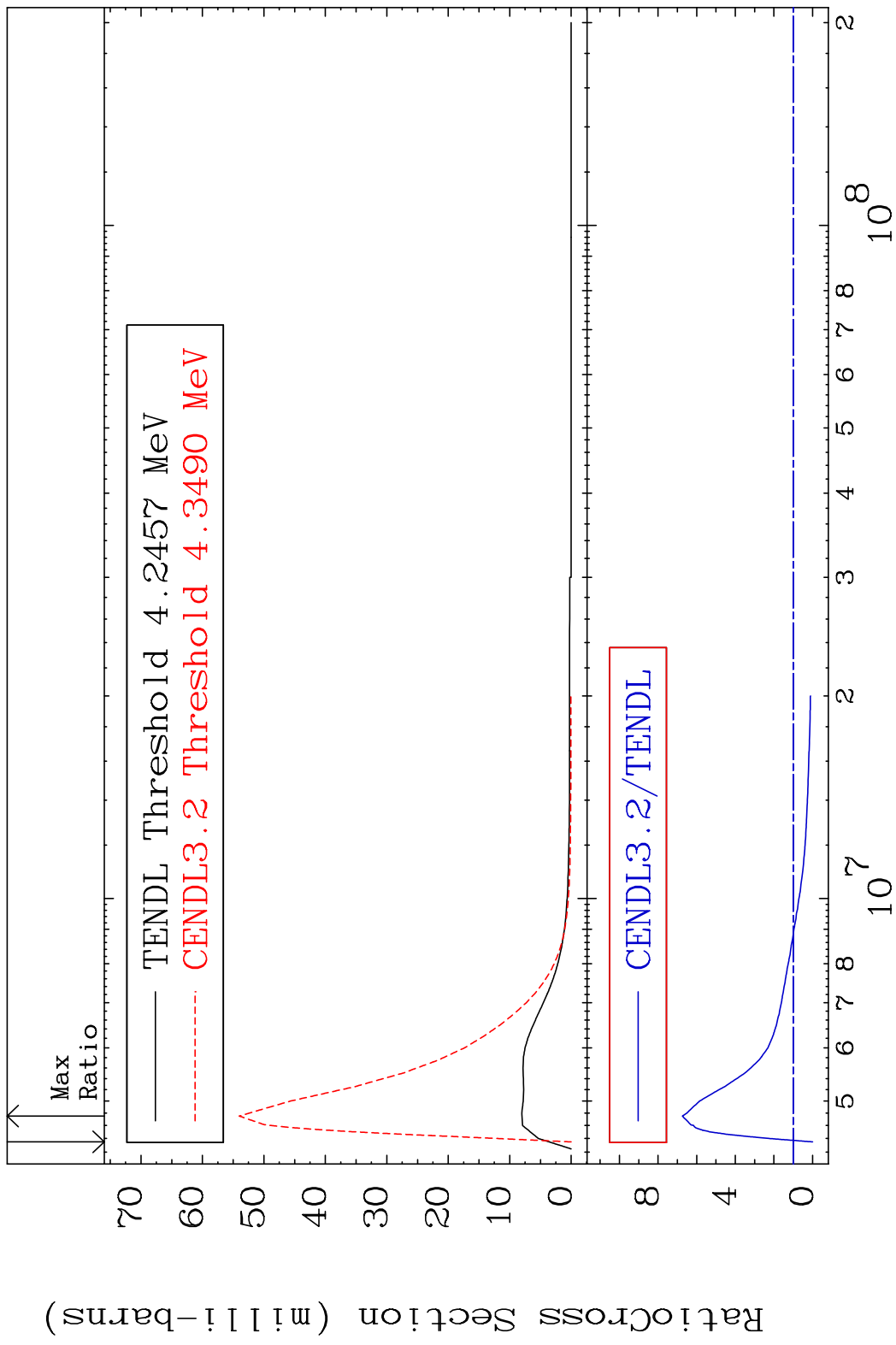
MAT 3837 MT= 65 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



MAT 3837 MT= 66 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 1245. %



MAT 3837 MT= 67 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 574.1 %

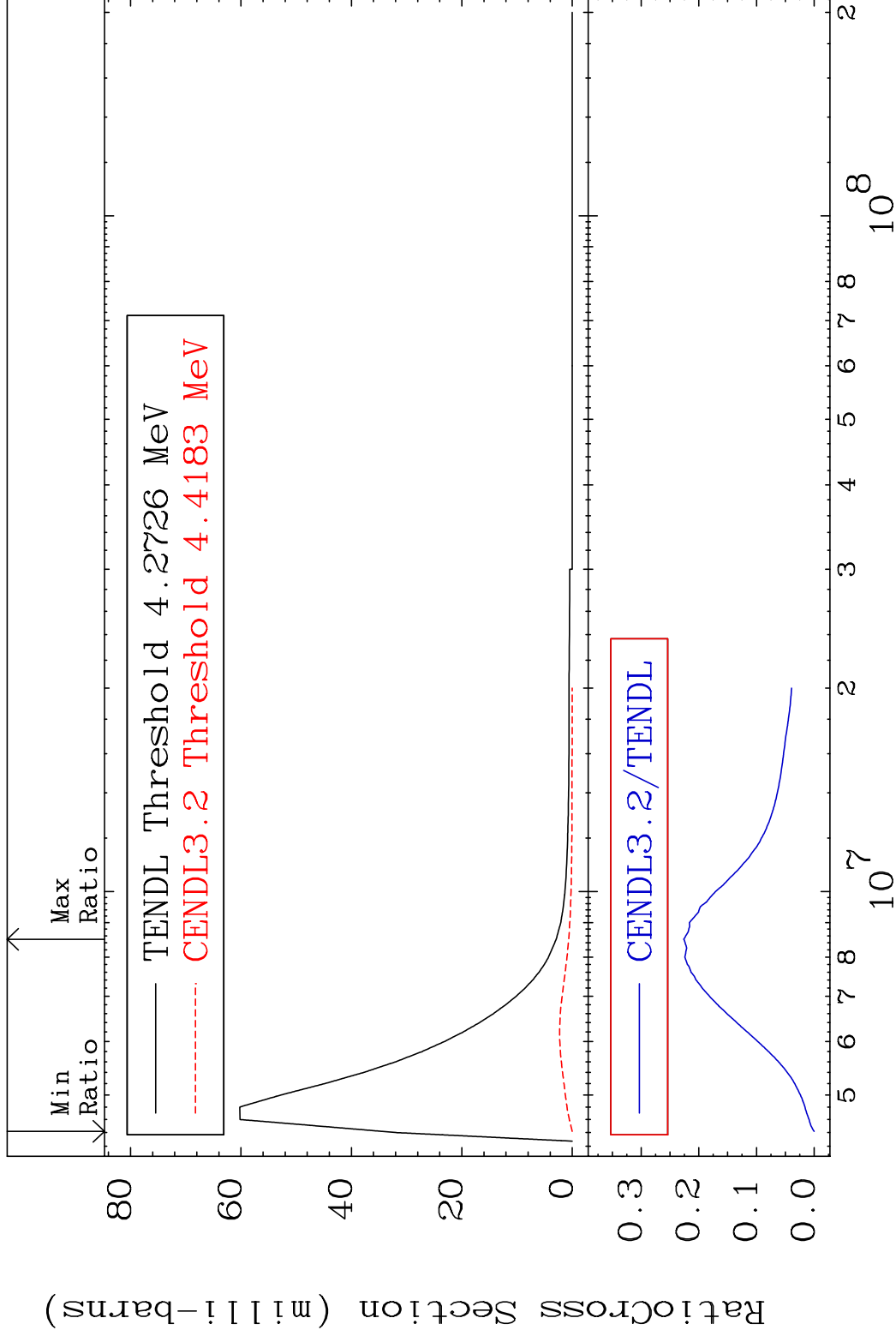


MAT 3837

MT= 68 (n,n') Level

38-Sr-88

Cross Section -100.0 To -77.37%

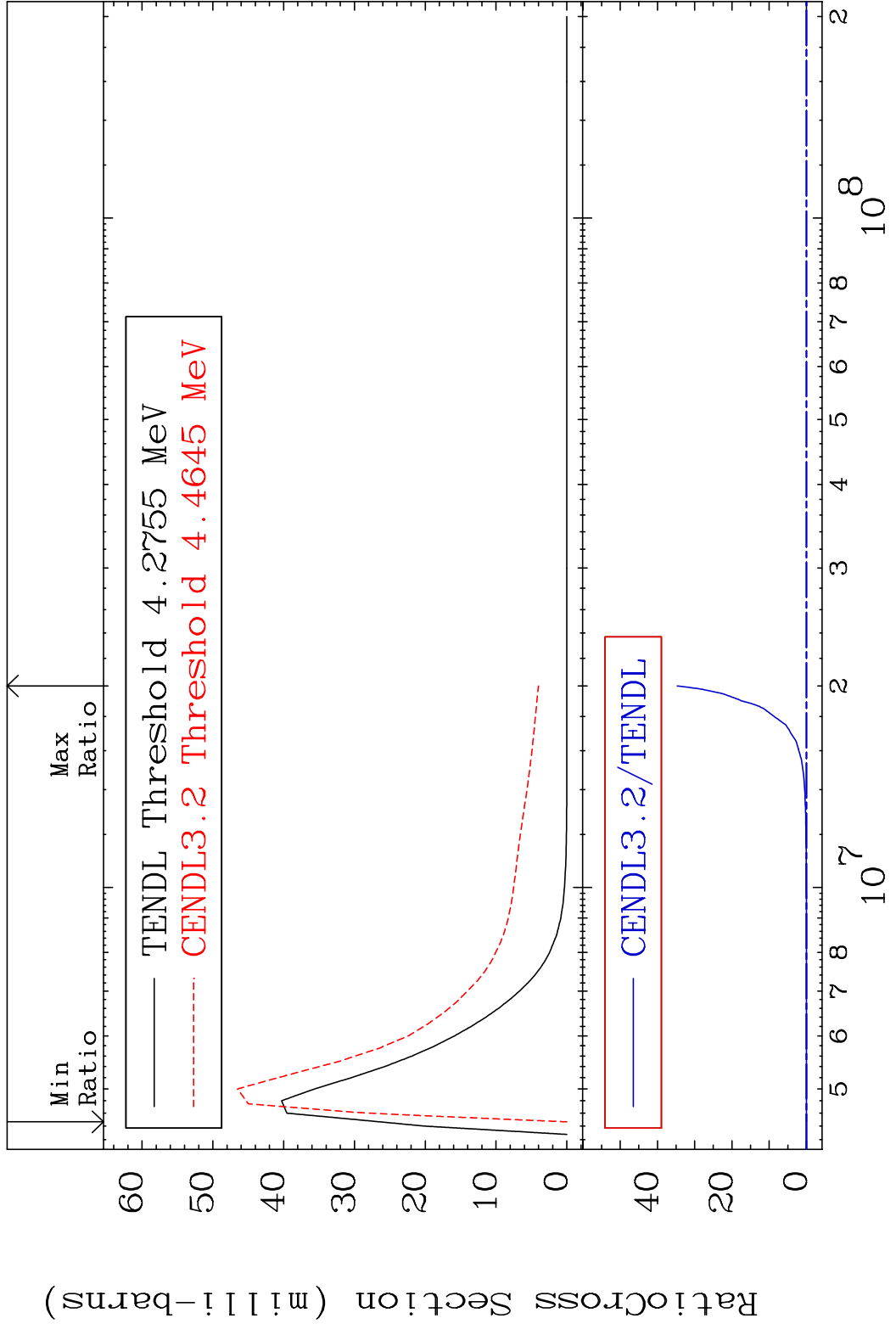


25

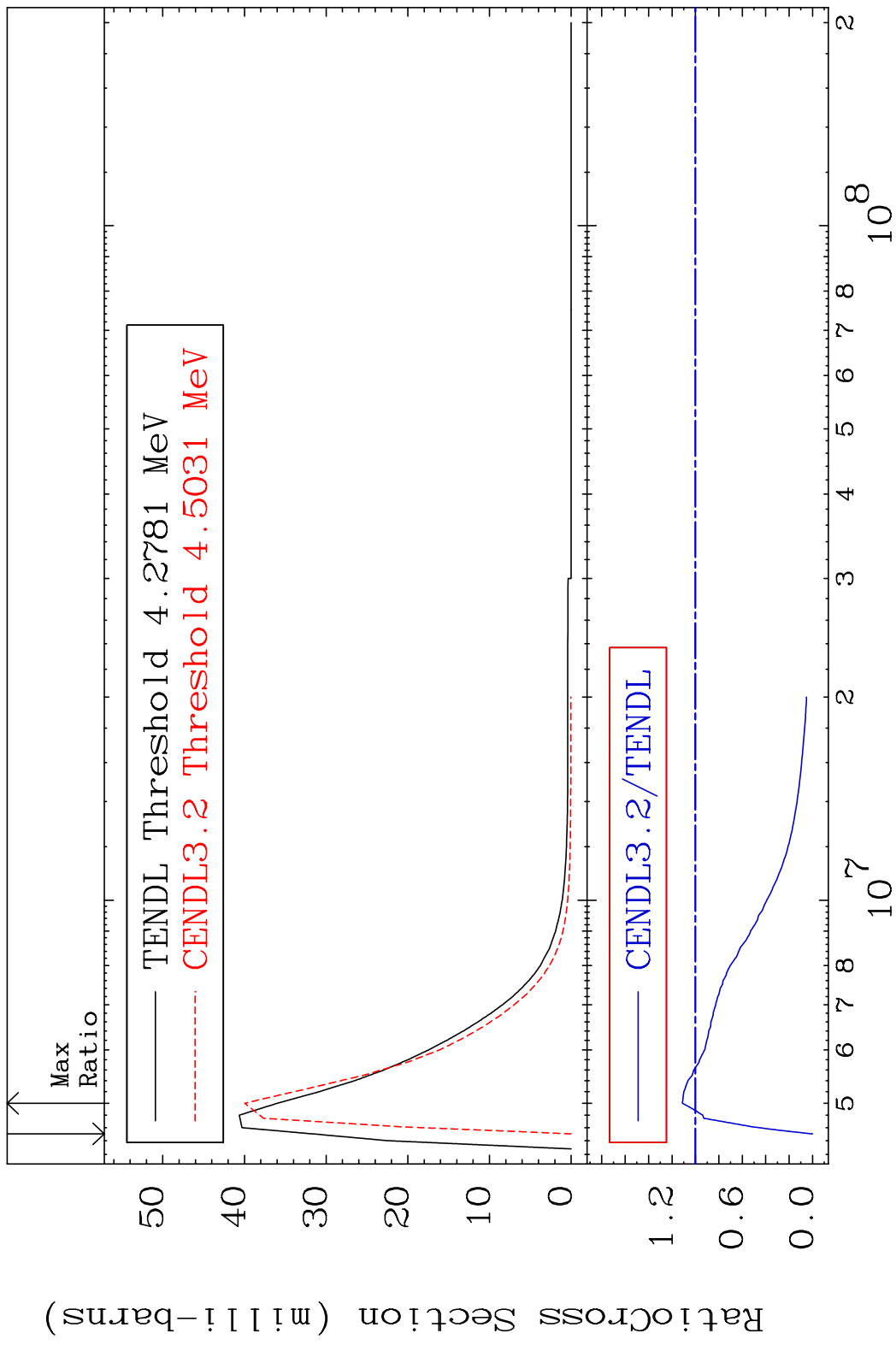
Incident Energy (eV)

38-Sr-88

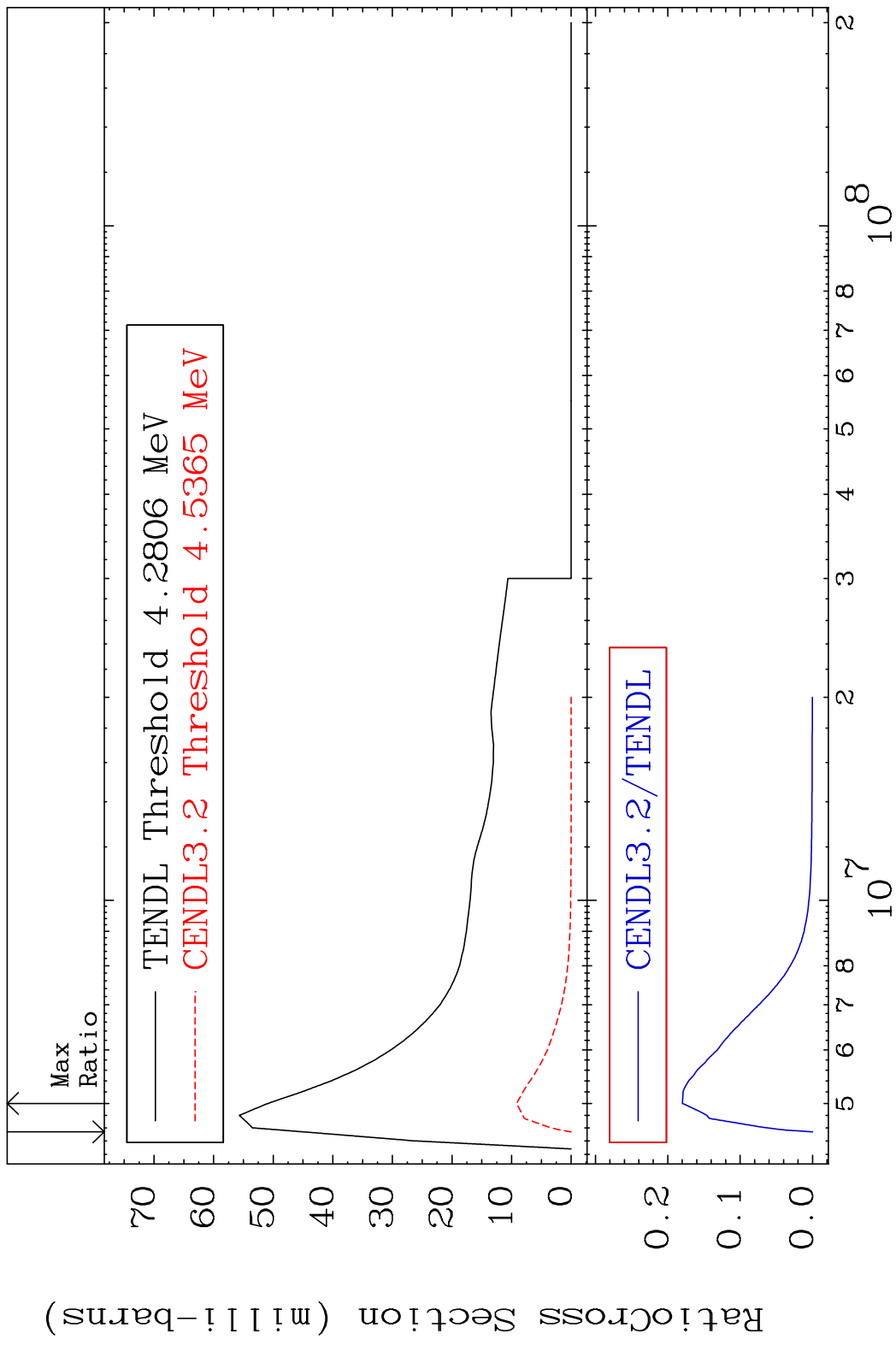
MAT 3837 MT= 69 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



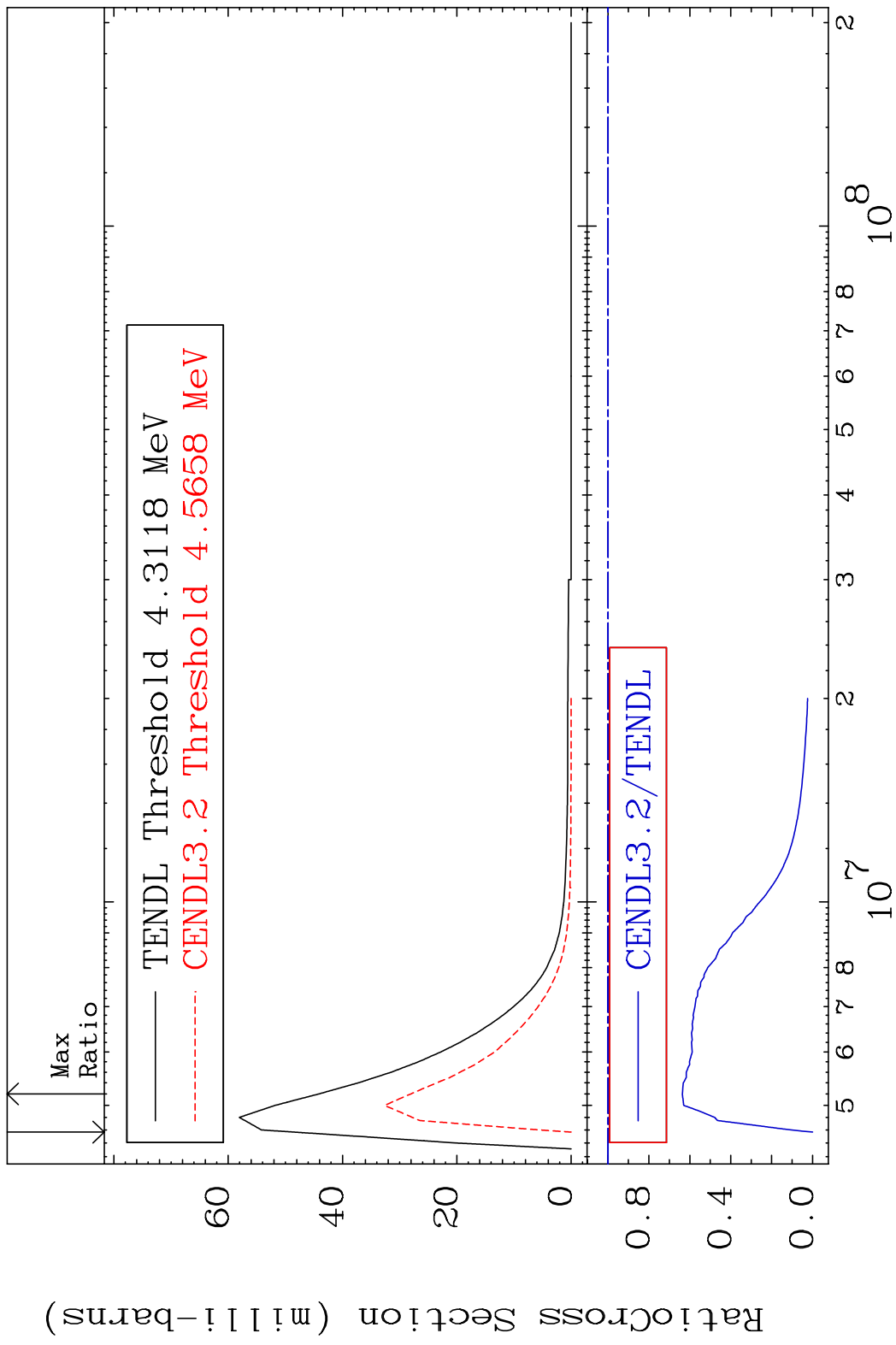
MAT 3837 MT= 70 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 11.18 %



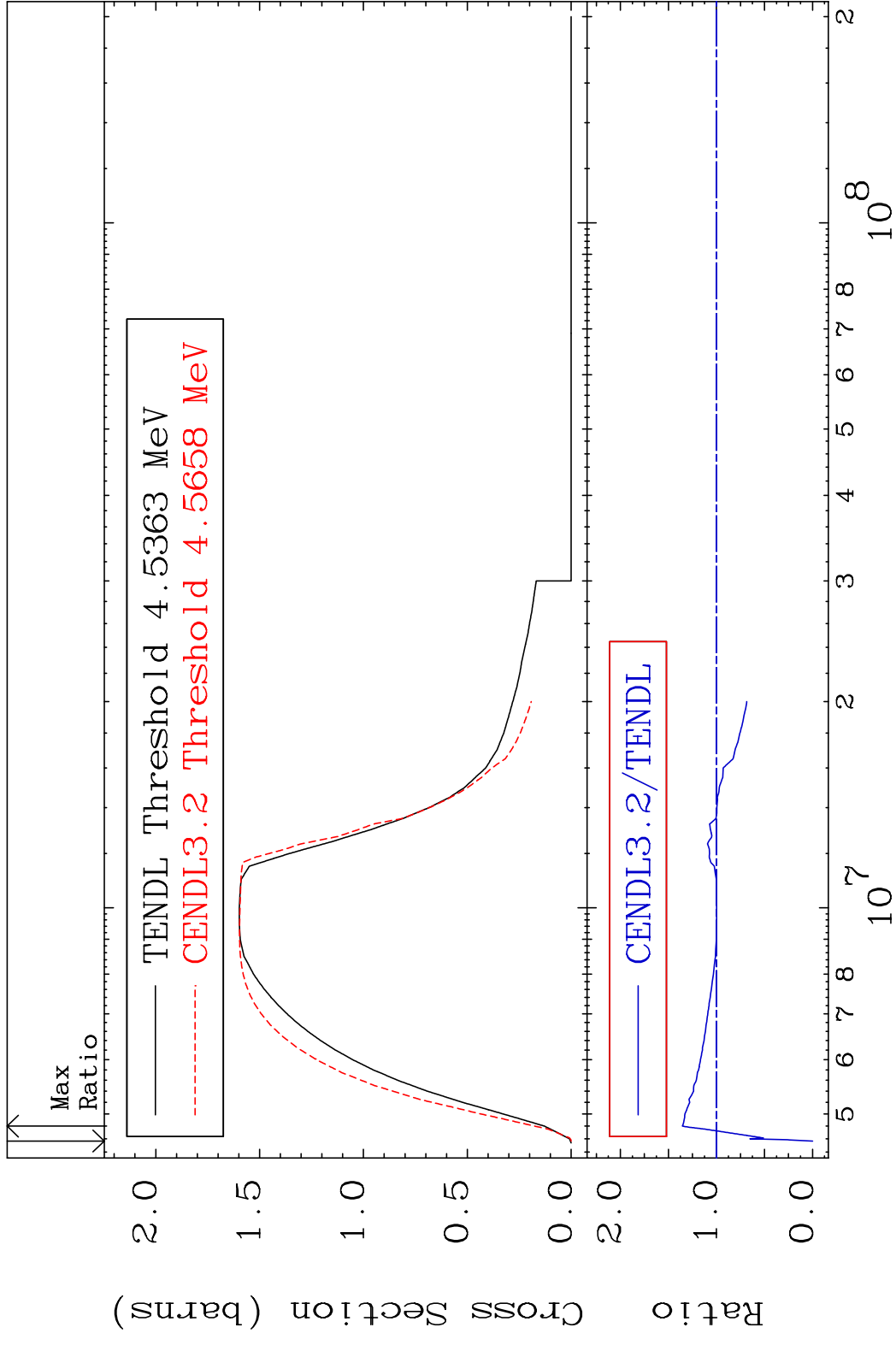
MAT 3837 MT= 71 (n, n') Level 38-Sr-88
 Cross Section -100.0 To -82.01%



MAT 3837 MT= 72 (n, n') Level 38-Sr-88
 Cross Section -100.0 To -36.36%



MAT 3837 (n,n') Continuum 38-Sr-88
 Cross Section -100.0 To 35.51 %



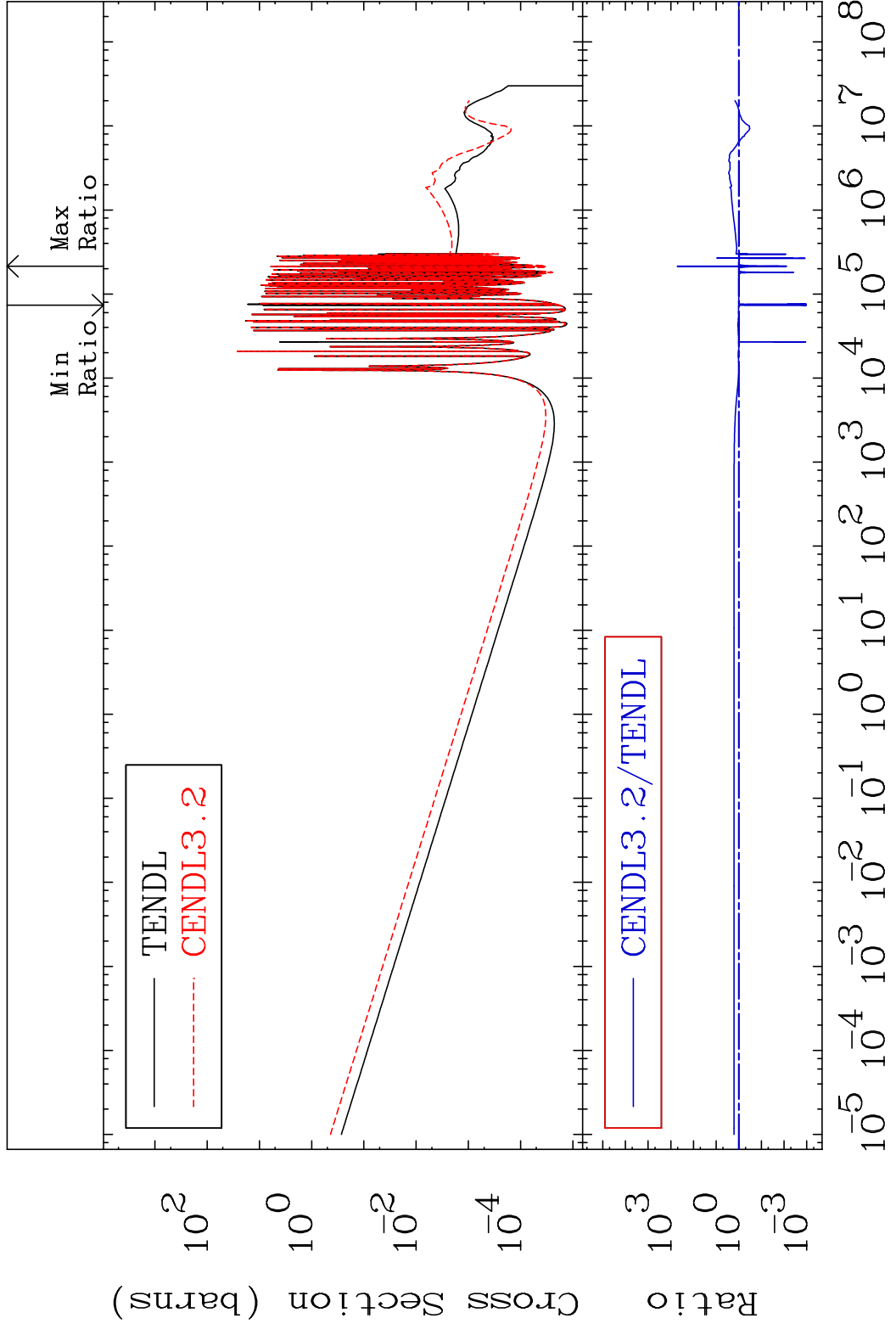
30 Incident Energy (eV) 38-Sr-88

MAT 3837

(n, γ)

38-Sr-88

Cross Section -99.90 To 9999. %



31

Incident Energy (eV)

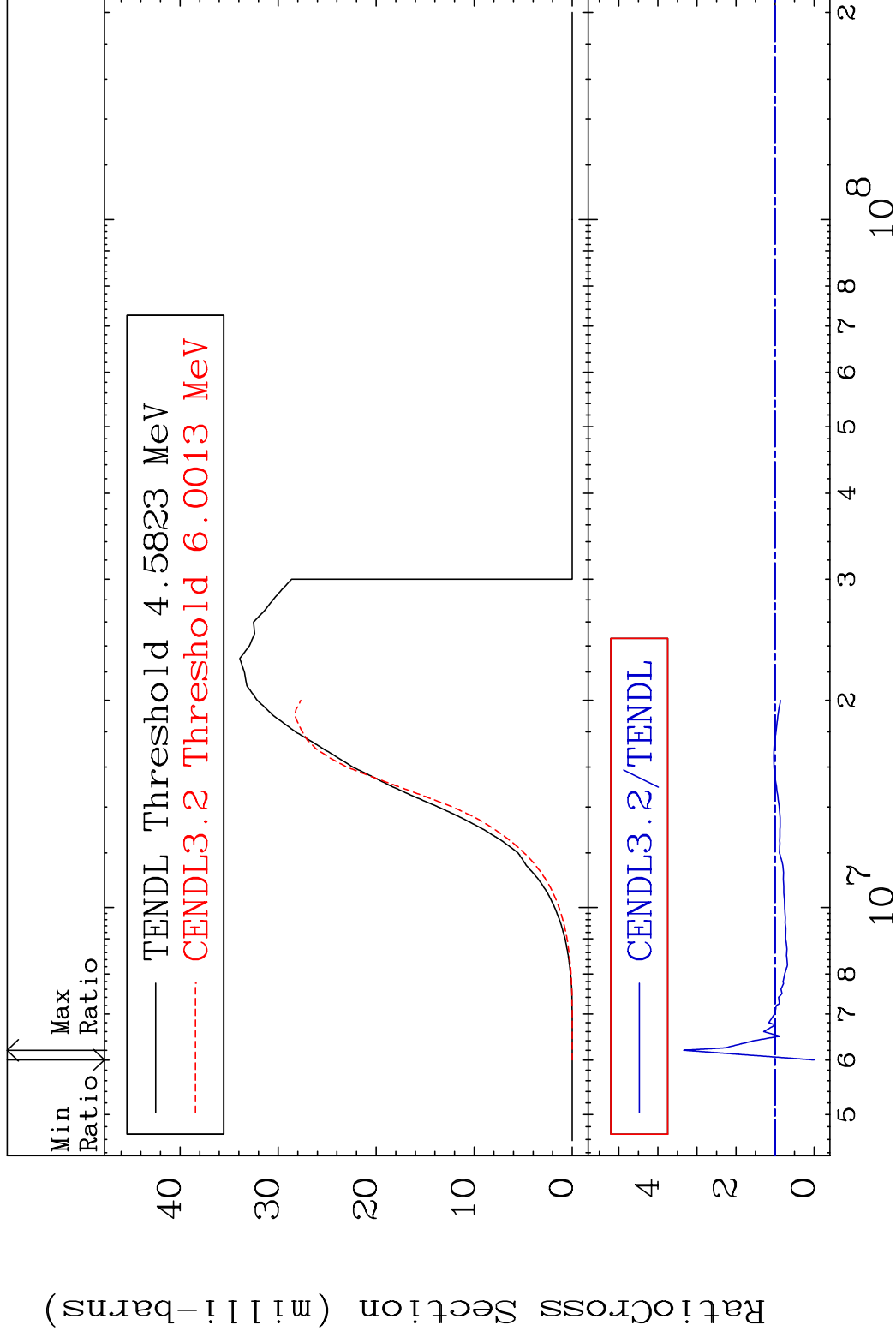
38-Sr-88

MAT 3837

(n,p)

38-Sr-88

Cross Section -100.0 To 234.1 %



32

Incident Energy (eV)

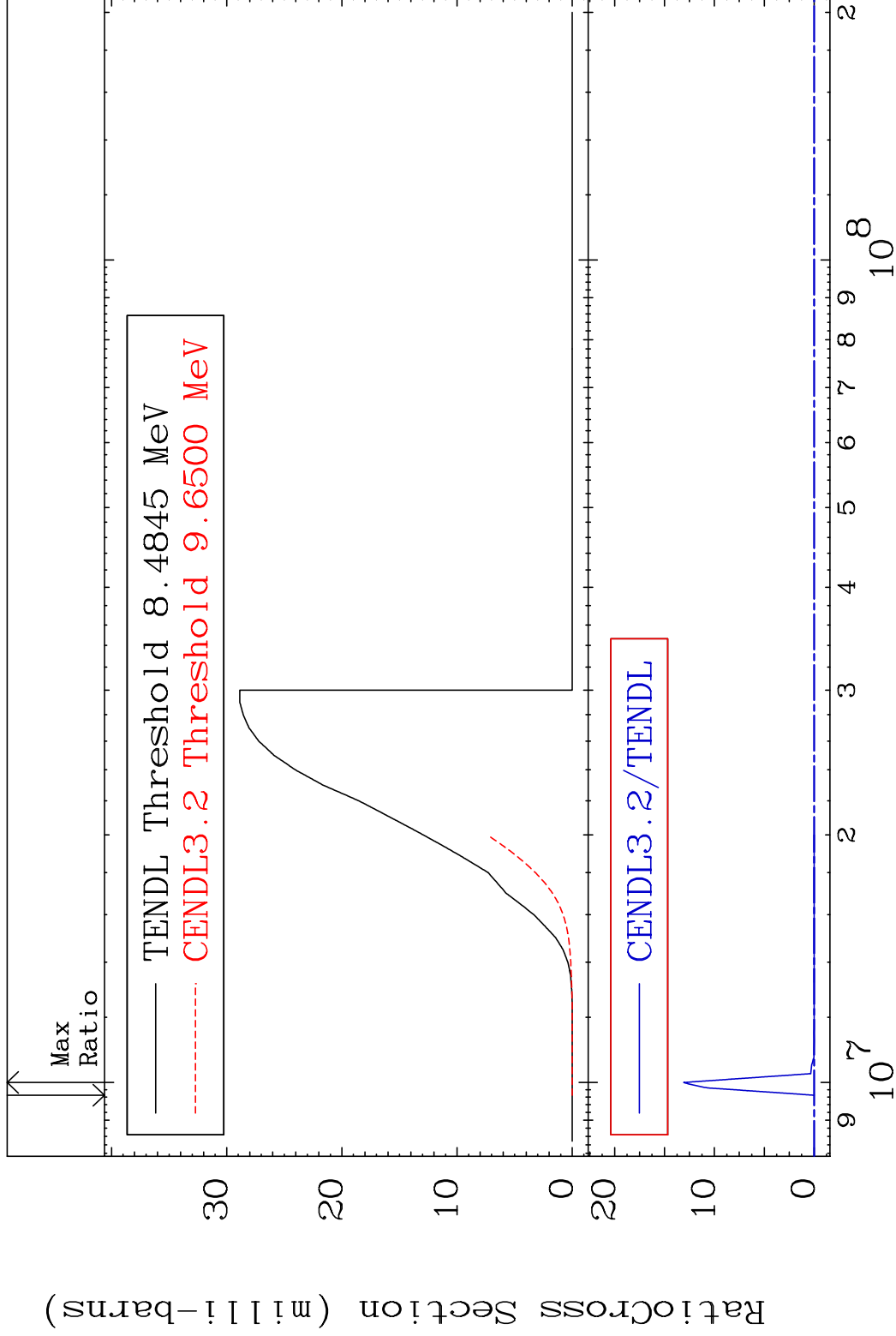
38-Sr-88

MAT 3837

(n,d)

38-Sr-88

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

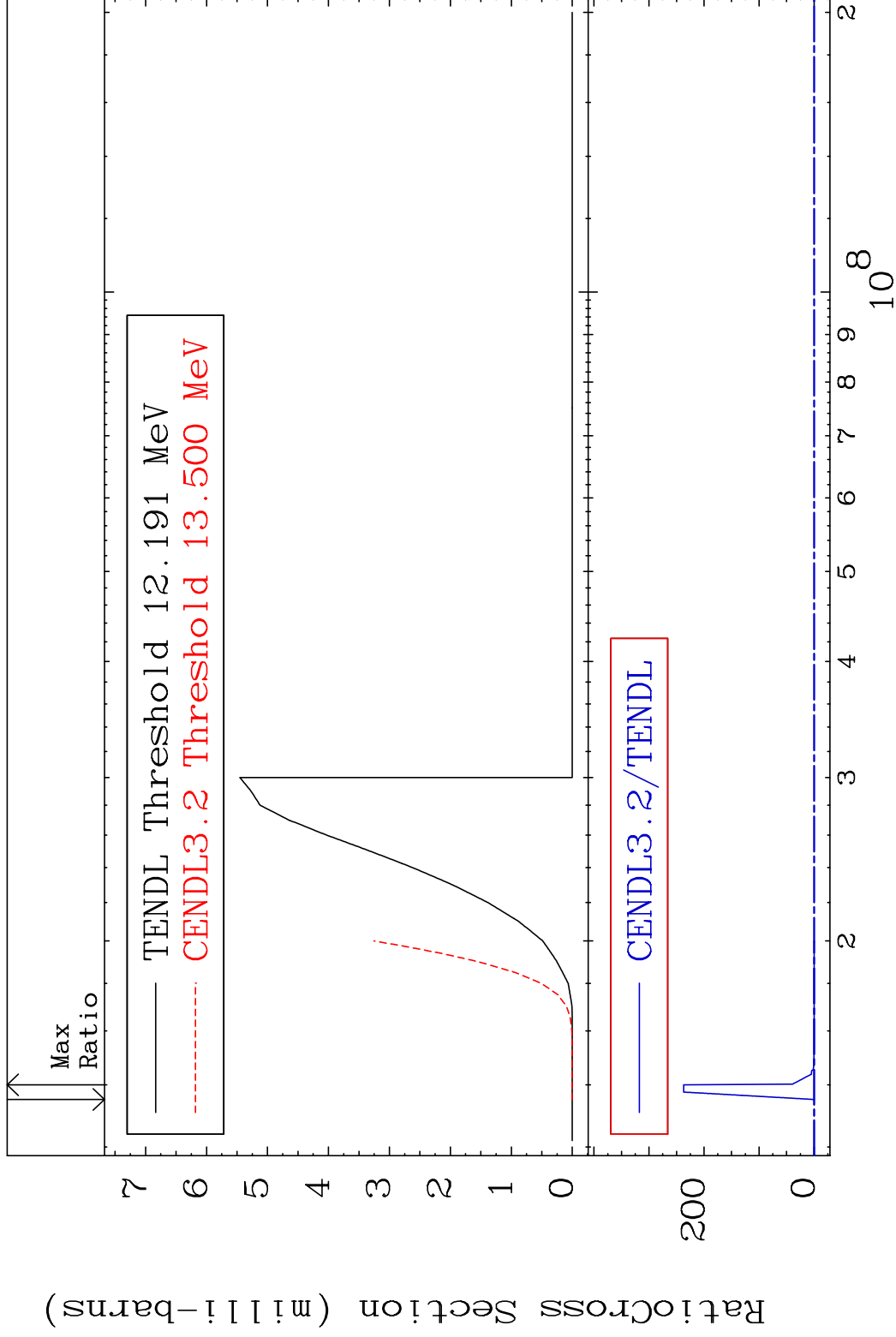
38-Sr-88

MAT 3837

(n, t)

38-Sr-88

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

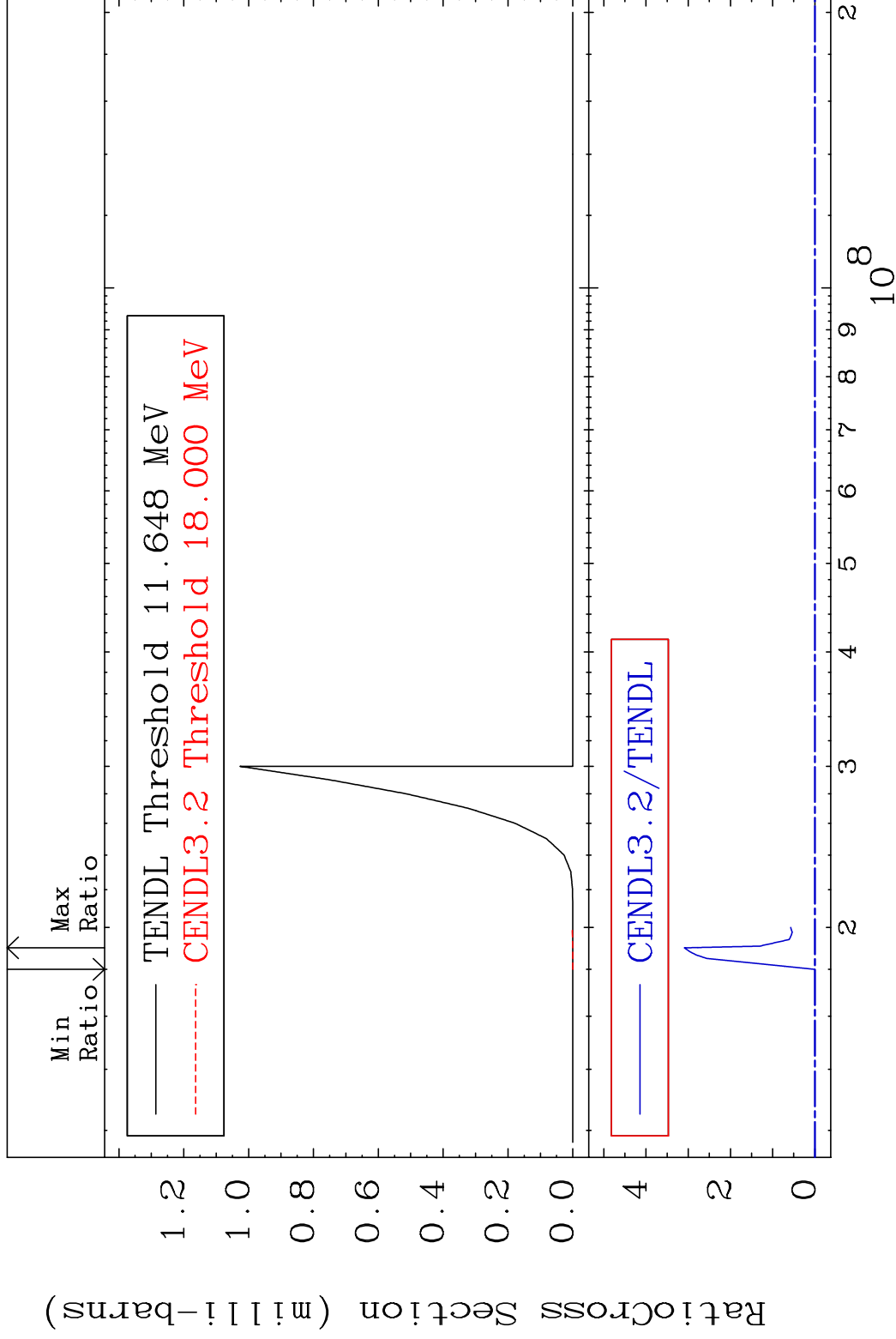
38-Sr-88

MAT 3837

(n, He-3)

38-Sr-88

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

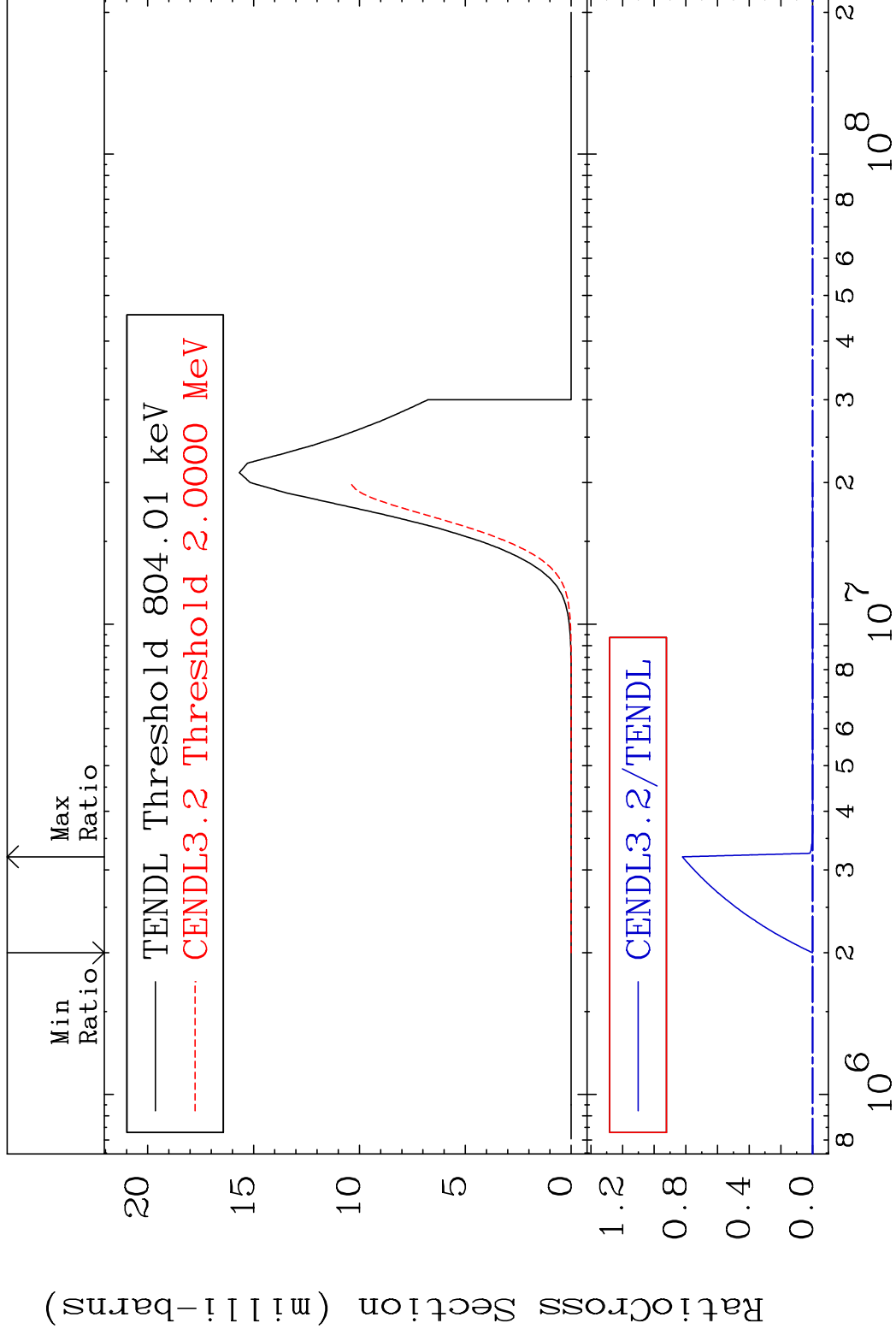
38-Sr-88

MAT 3837

(n, α)

38-Sr-88

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

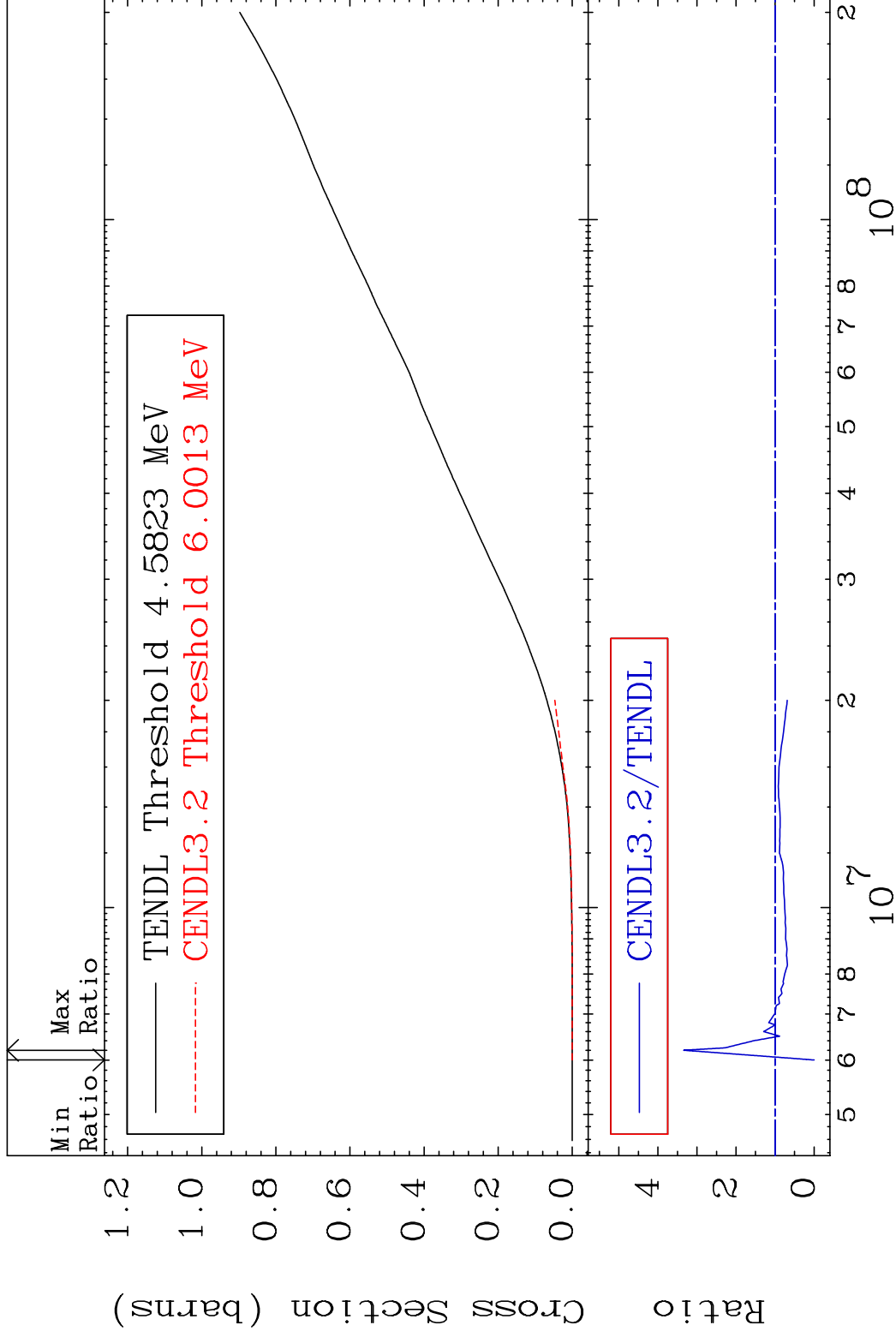
38-Sr-88

MAT 3837

Hydrogen Production

38-Sr-88

Cross Section -100.0 To 234.1 %

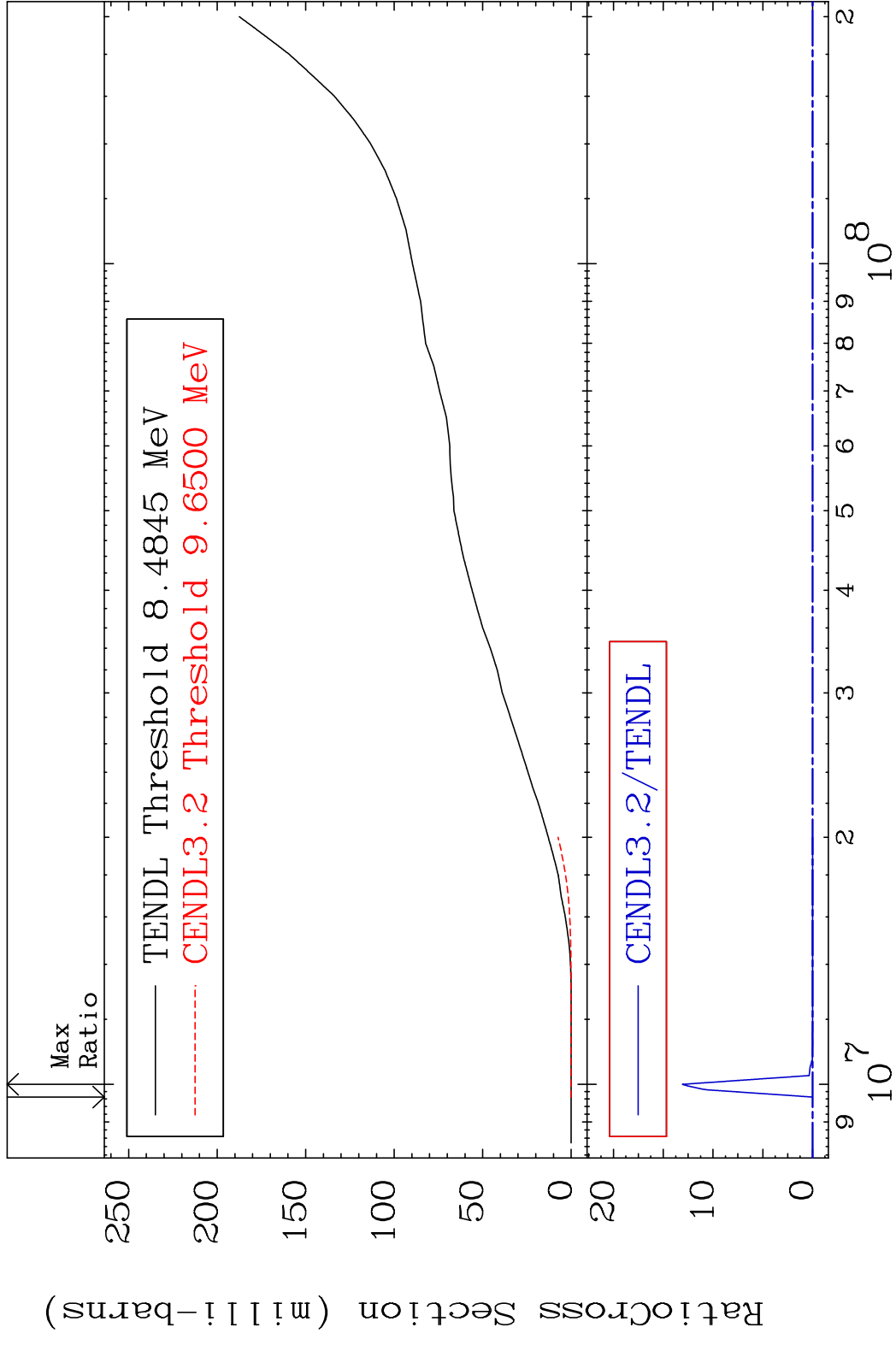


37

Incident Energy (eV)

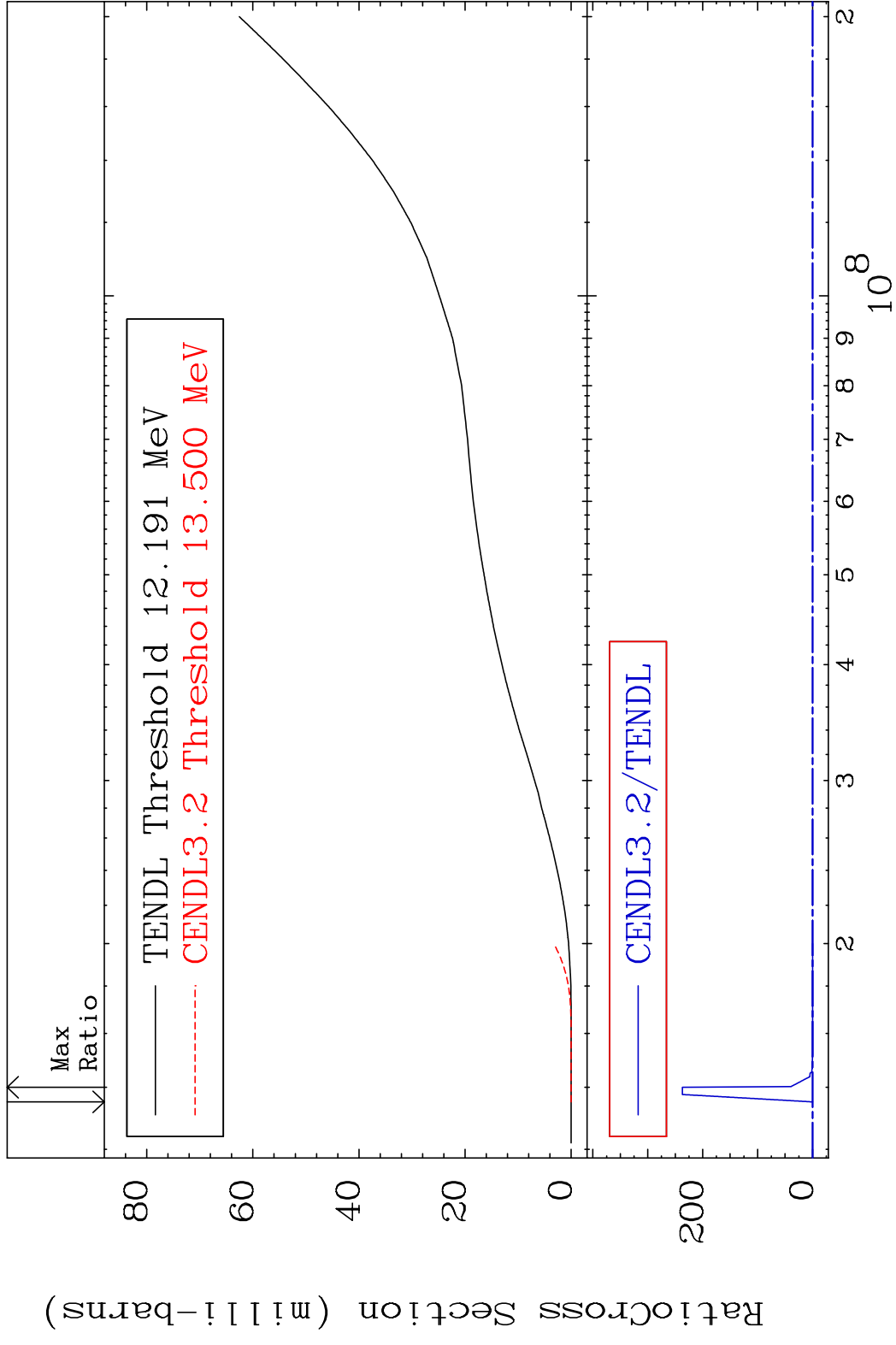
38-Sr-88

MAT 3837 Deuterium Production 38-Sr-88
 Cross Section -100.0 To 9999. %



38 Incident Energy (eV) 38-Sr-88

MAT 3837 Tritium Production 38-Sr-88
 Cross Section -100.0 To 9999. %

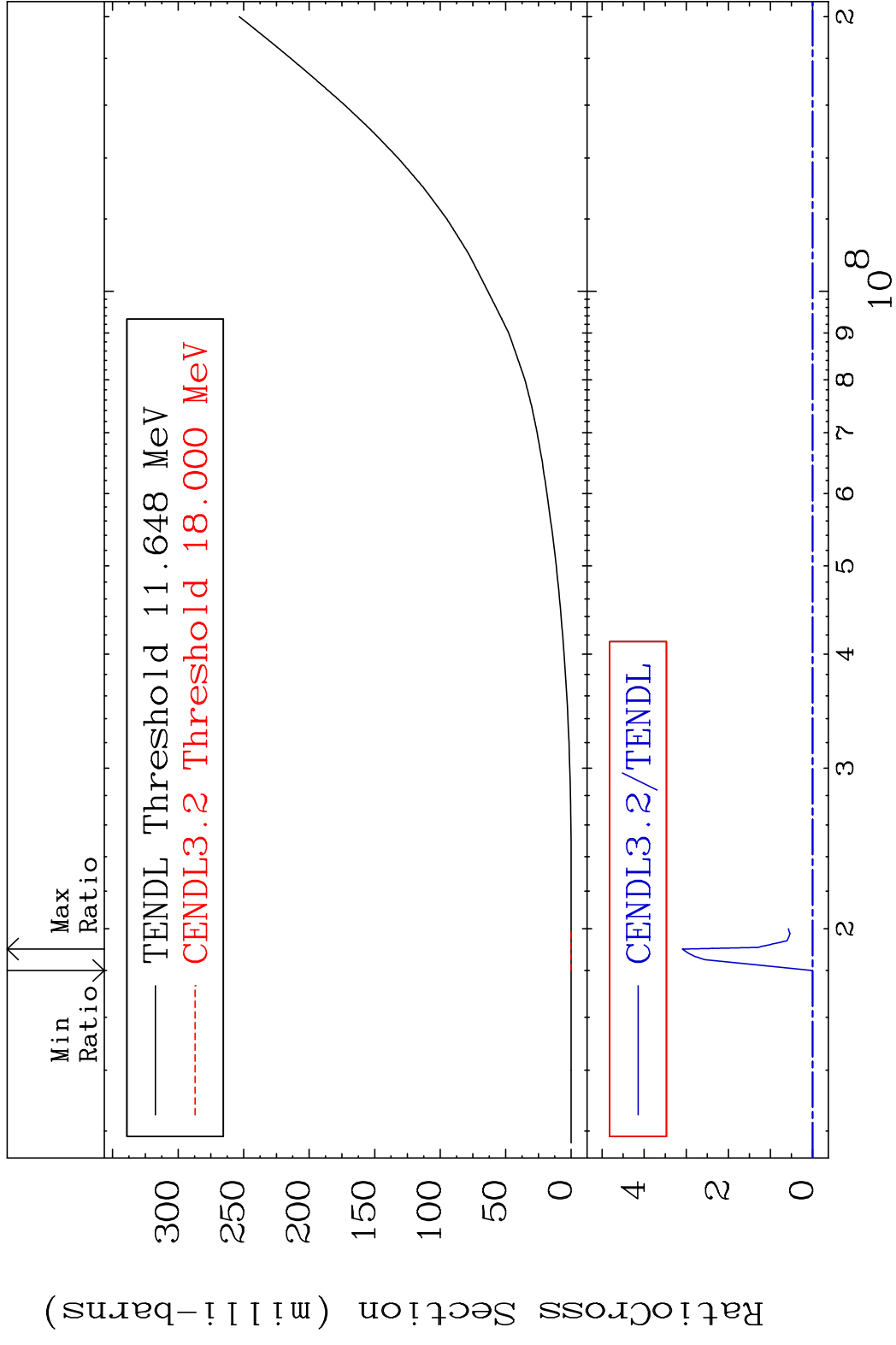


MAT 3837

He-3 Production

38-Sr-88

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

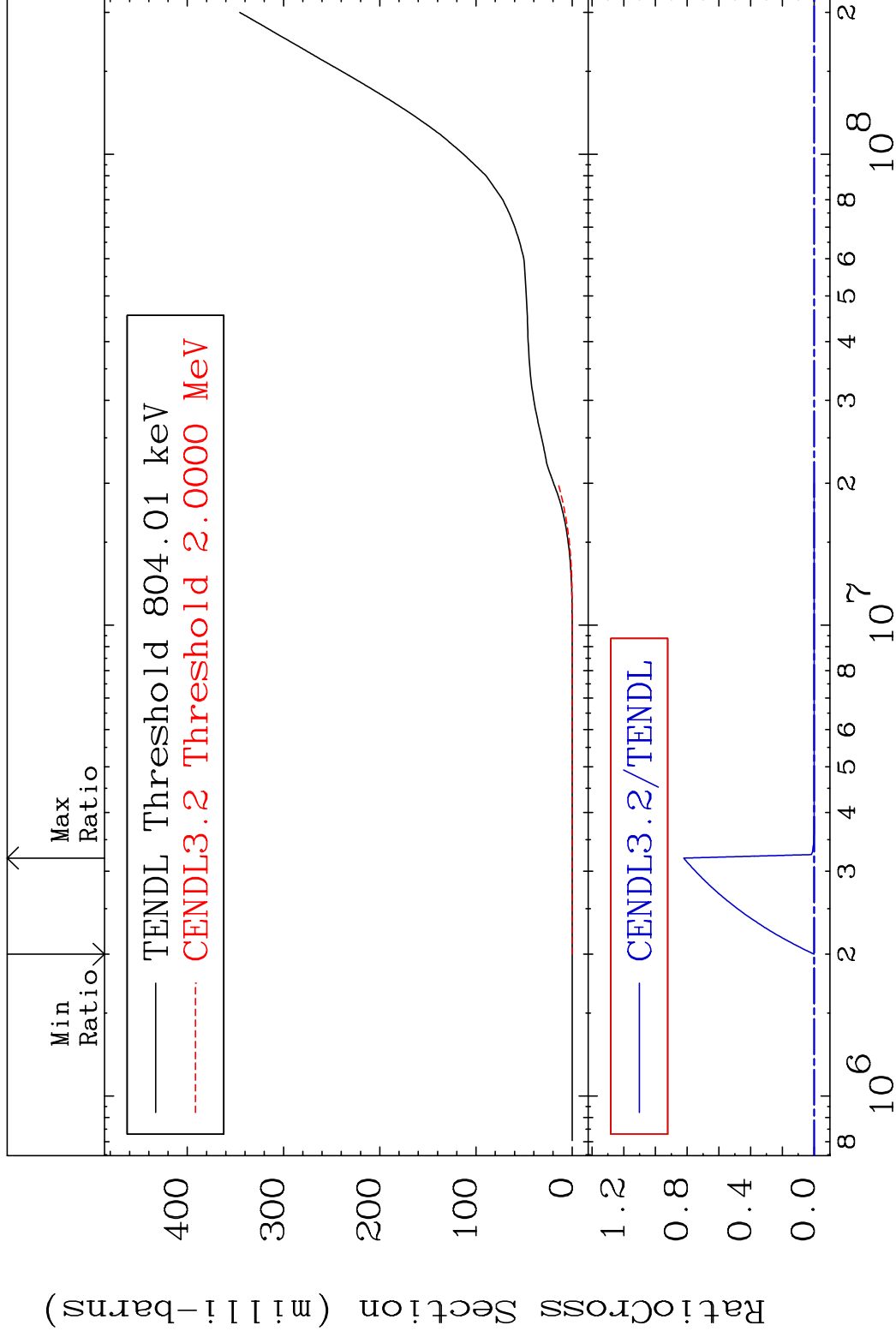
38-Sr-88

MAT 3837

He-4 Production

38-Sr-88

Cross Section -100.0 To 9999. %

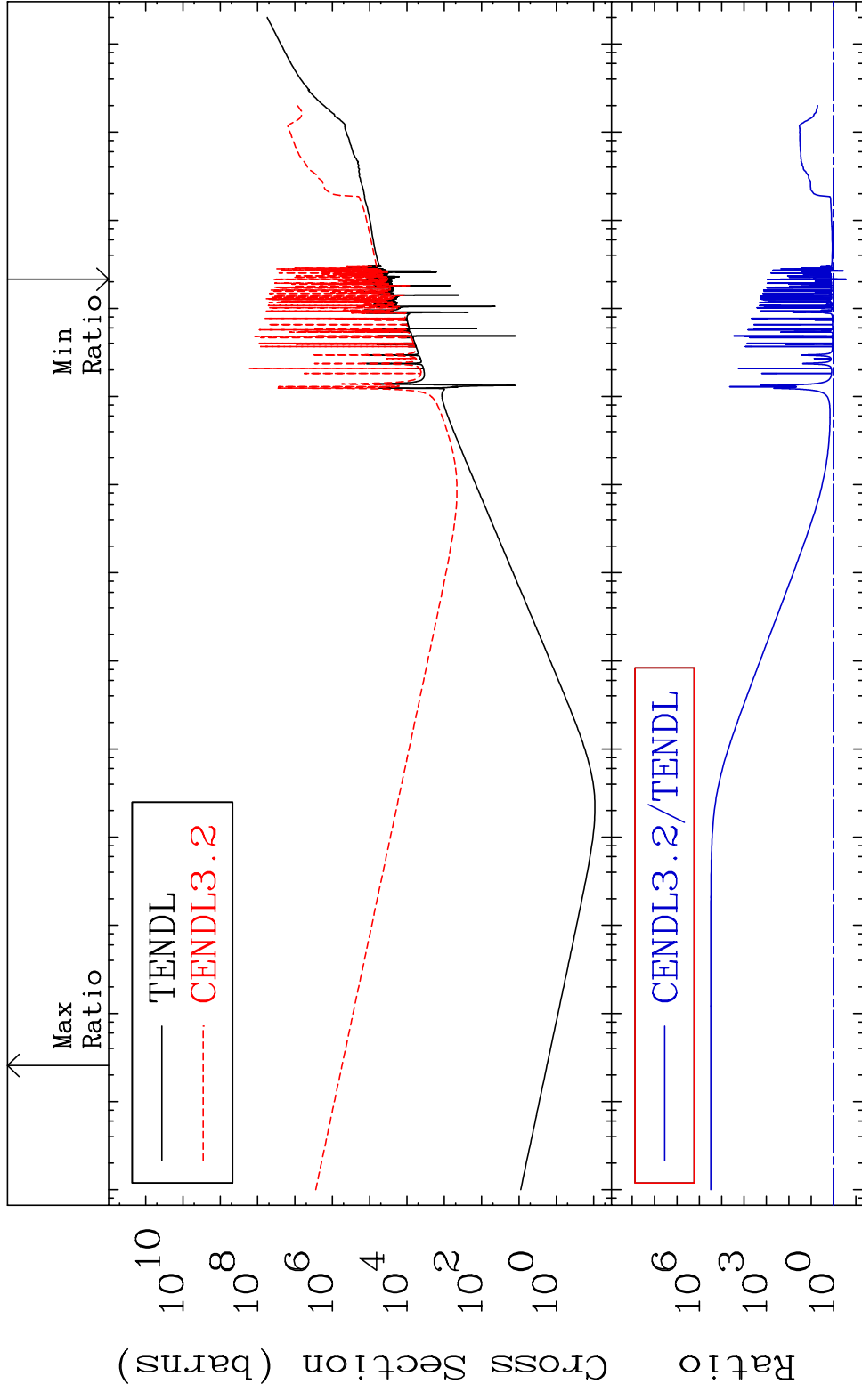


41

Incident Energy (eV)

38-Sr-88

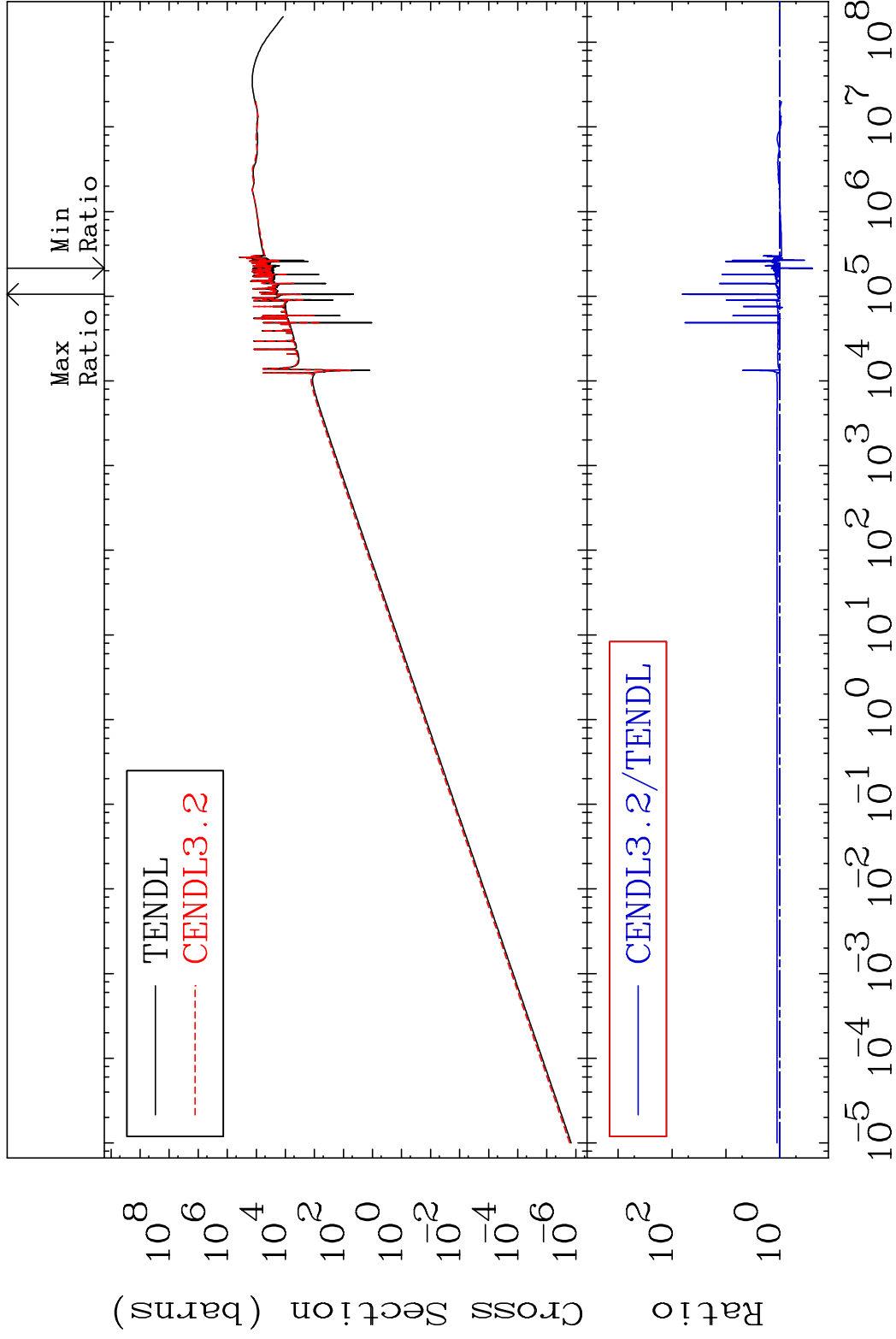
MAT 3837 Kerma total (eV-barns) 38-Sr-88
 Cross Section -73.17 To 9999. %



MAT 3837

Kerma elastic
Cross Section

38-Sr-88
-75.34 To 6331. %

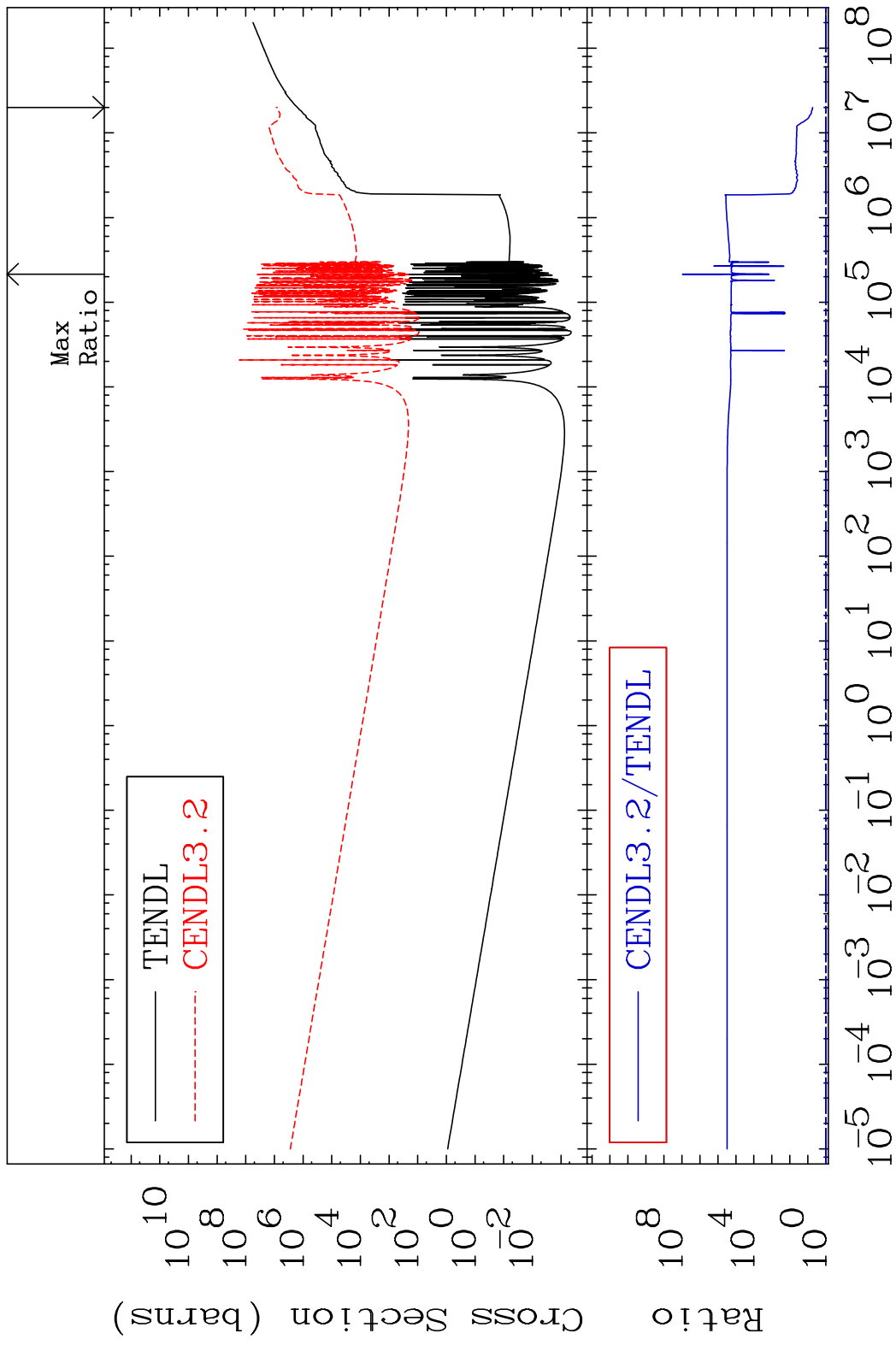


43

Incident Energy (eV)

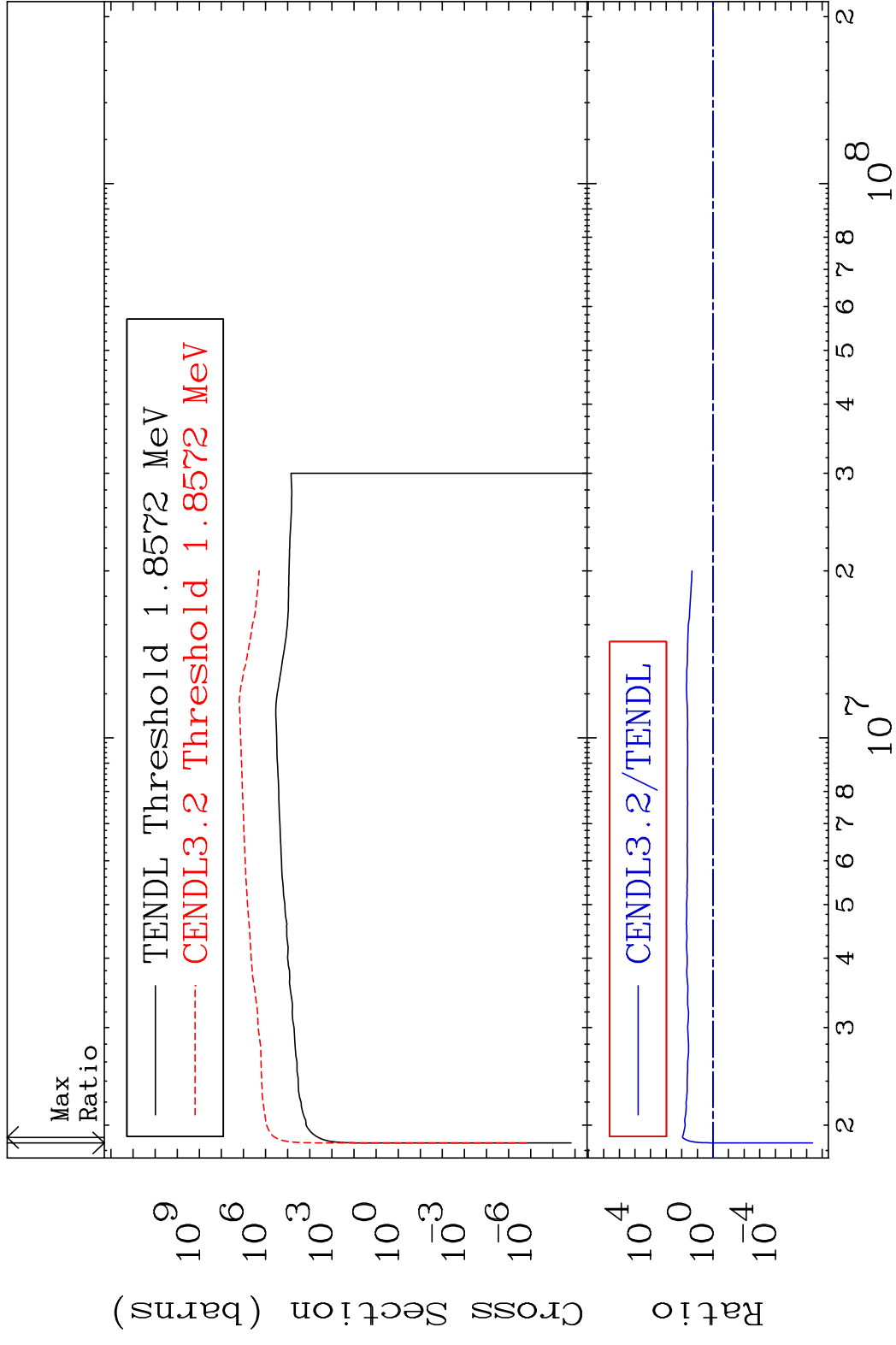
38-Sr-88

MAT 3837 Kerma non-elastic (all but mt2) 38-Sr-88
 Cross Section 445.2 To 9999. %

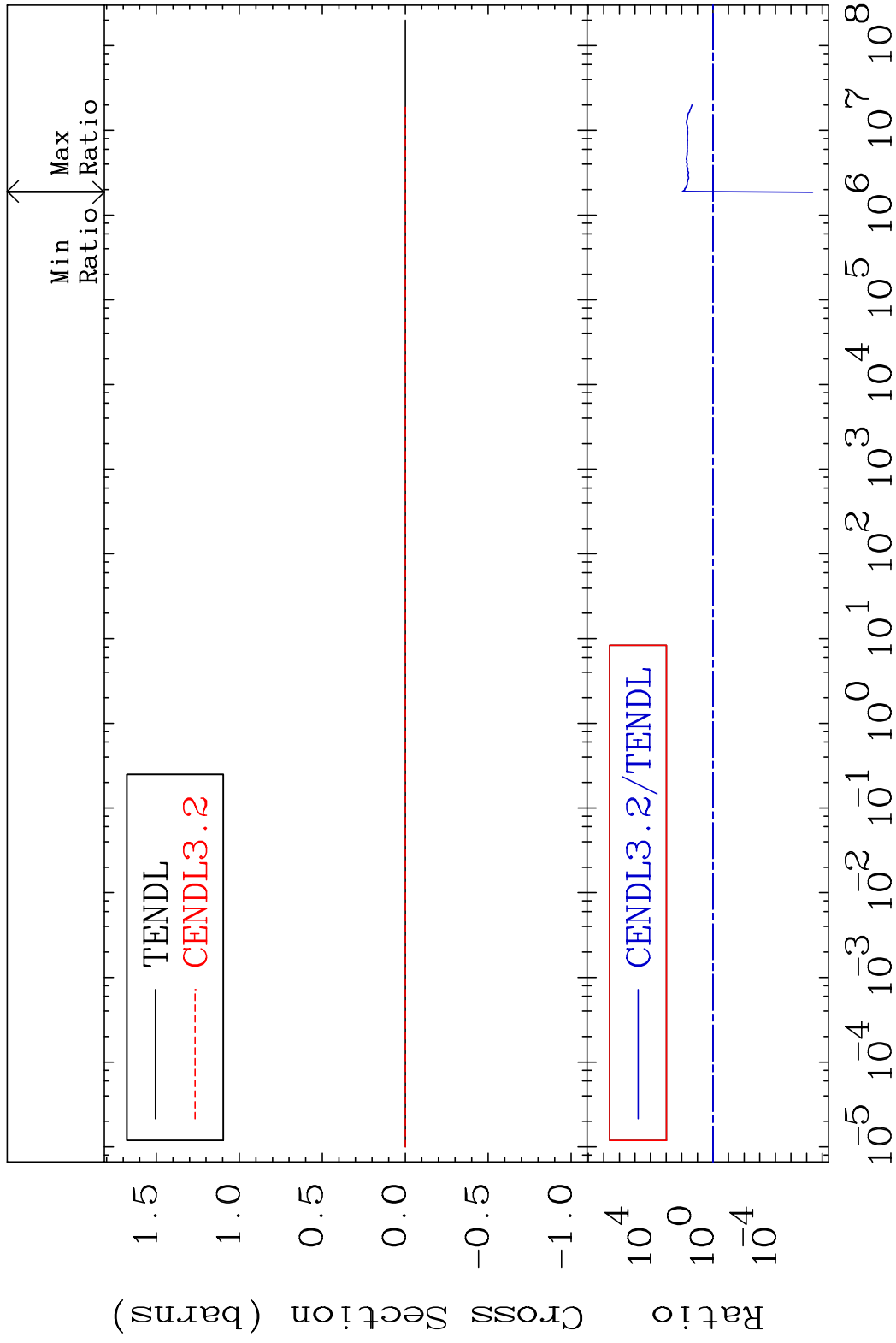


44 Incident Energy (eV) 38-Sr-88

MAT 3837 Kerma inelastic (mt51-91) 38-Sr-88
 Cross Section -100.0 To 9048. %

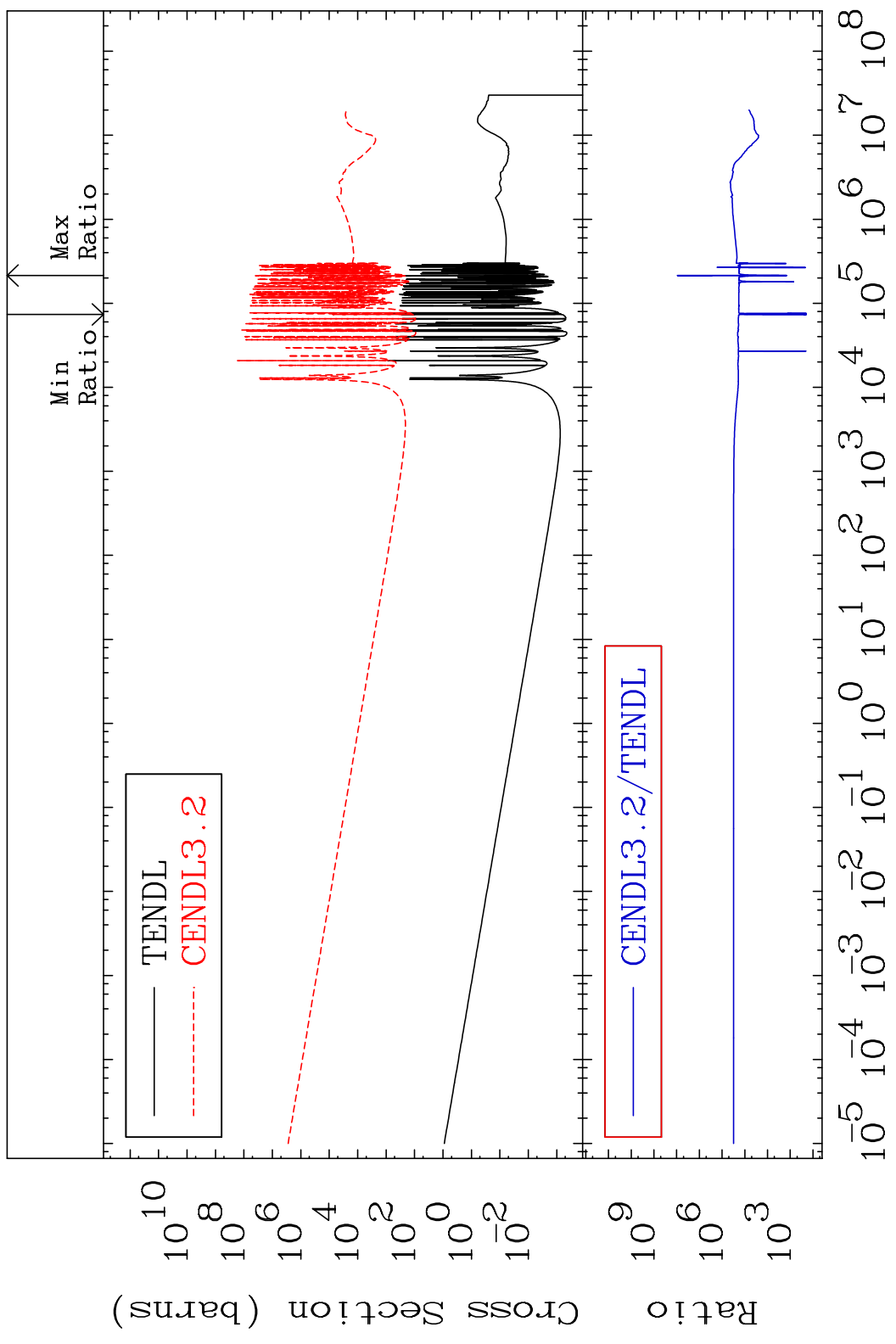


MAT 3837 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-88
 Cross Section -100.0 To 9048. %



MAT 3837

Kerma capture (mt102) 38-Sr-88
Cross Section 9999. To 9999. %

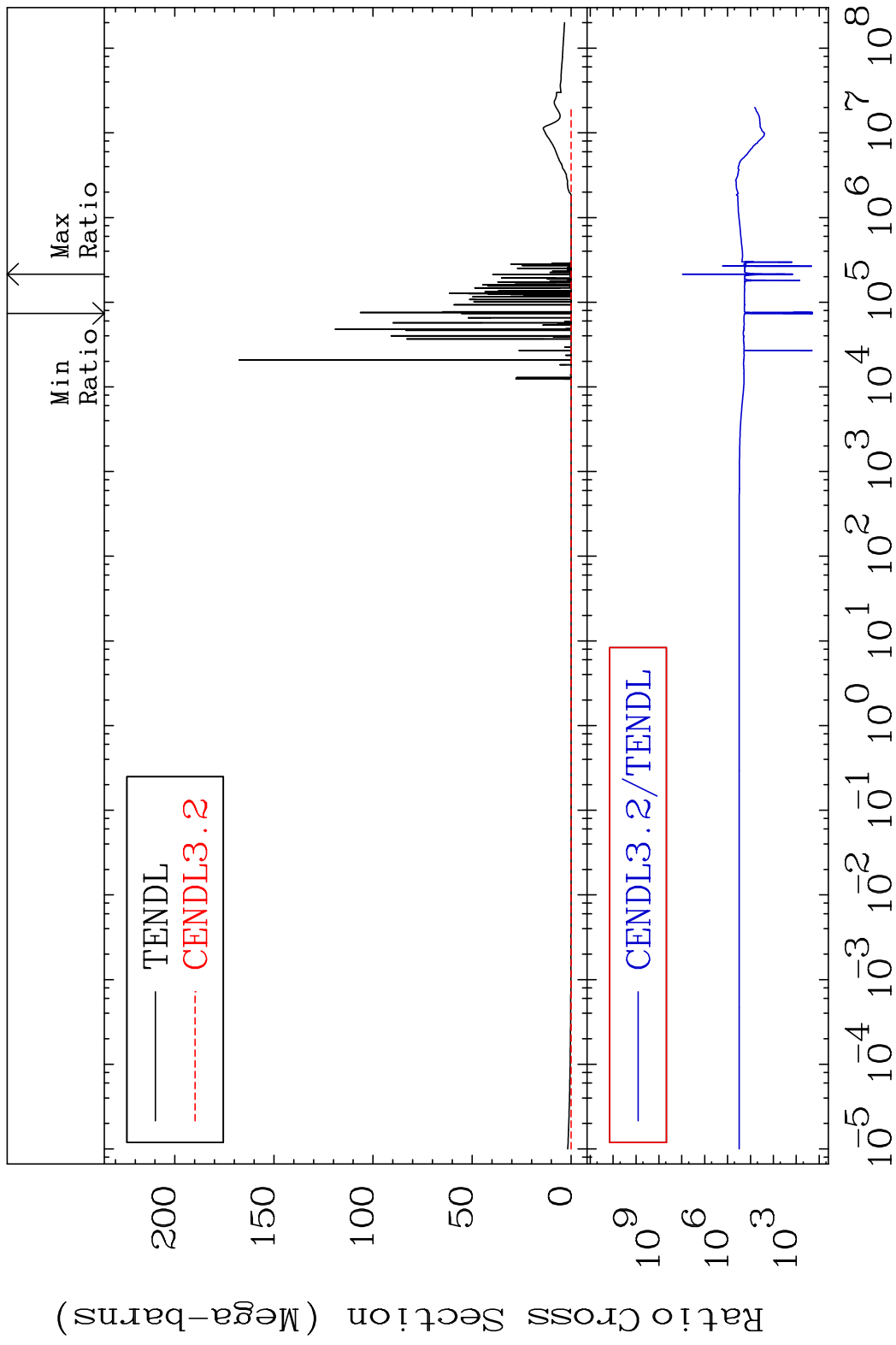


47

Incident Energy (eV)

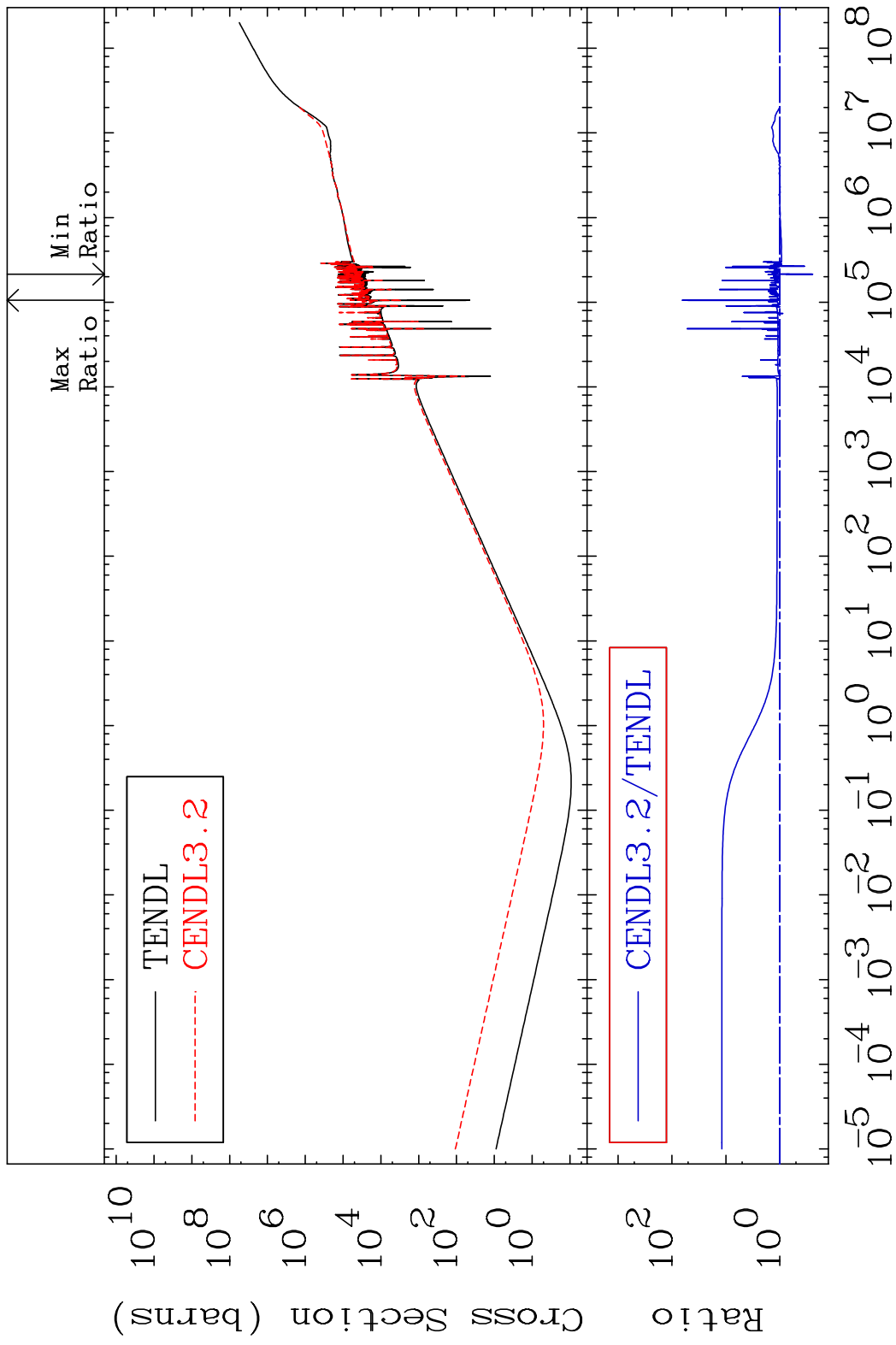
38-Sr-88

MAT 3837 Total photon (eV-barns) 38-Sr-88
 Cross Section 9999. To 9999. %



48 Incident Energy (eV) 38-Sr-88

MAT 3837 Total kinematic kerma (high limit) 38-Sr-88
 Cross Section -75.29 To 6316. %

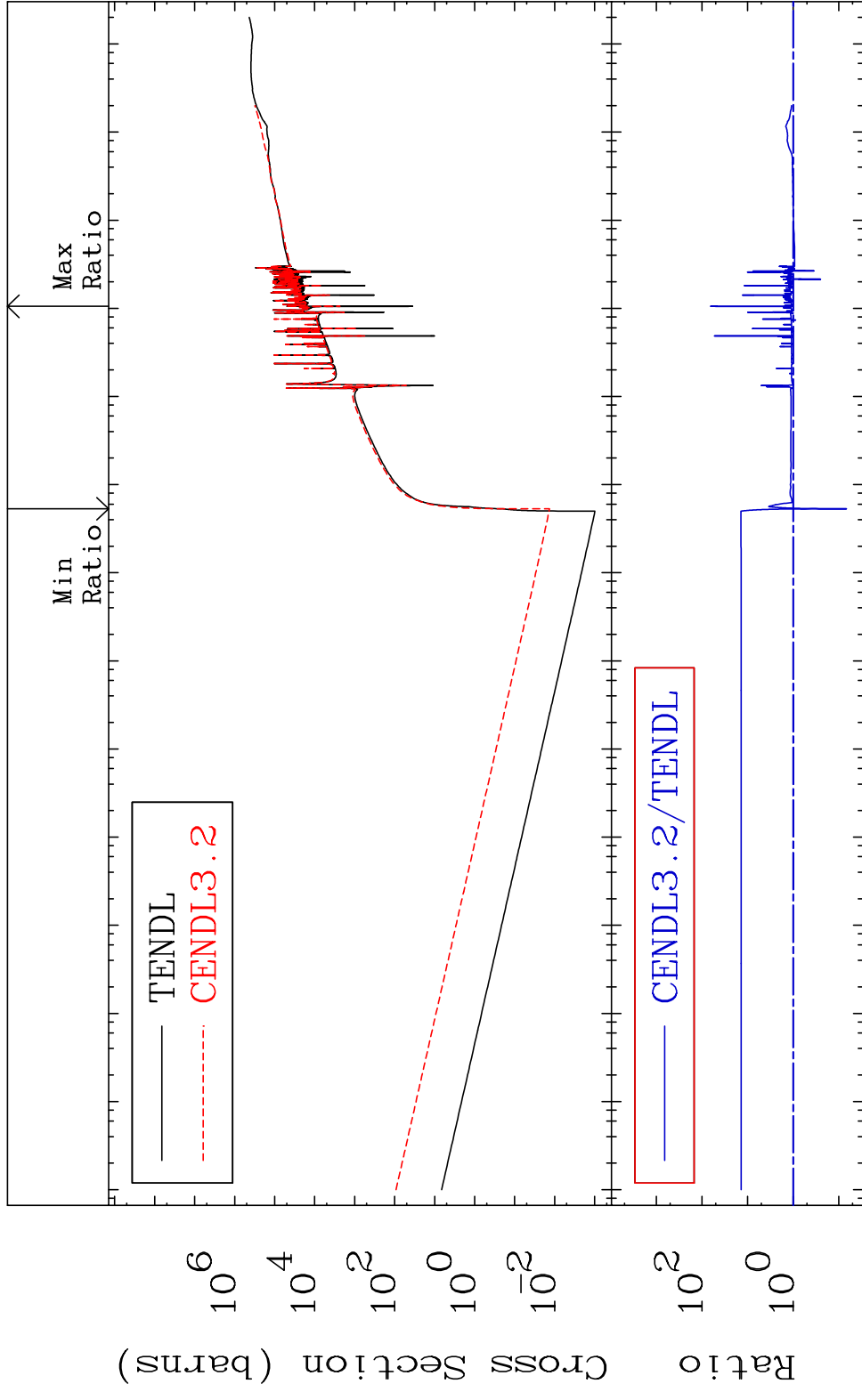


MAT 3837

Dpa total (eV-barns)

38-Sr-88

Cross Section -93.17 To 6330. %



50

Incident Energy (eV)

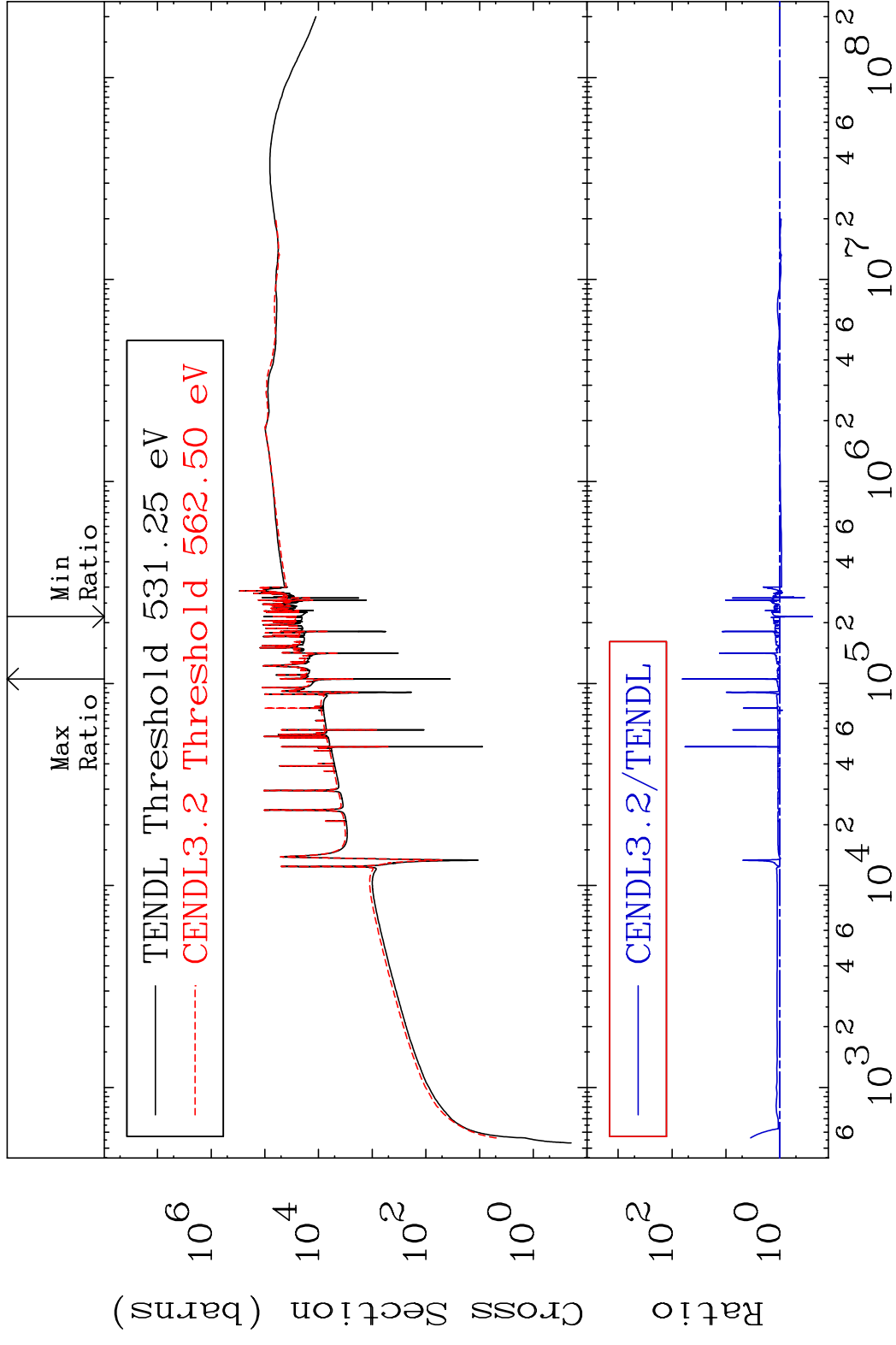
38-Sr-88

MAT 3837

Dpa elastic (mt2)

38-Sr-88

Cross Section -75.28 To 6341. %

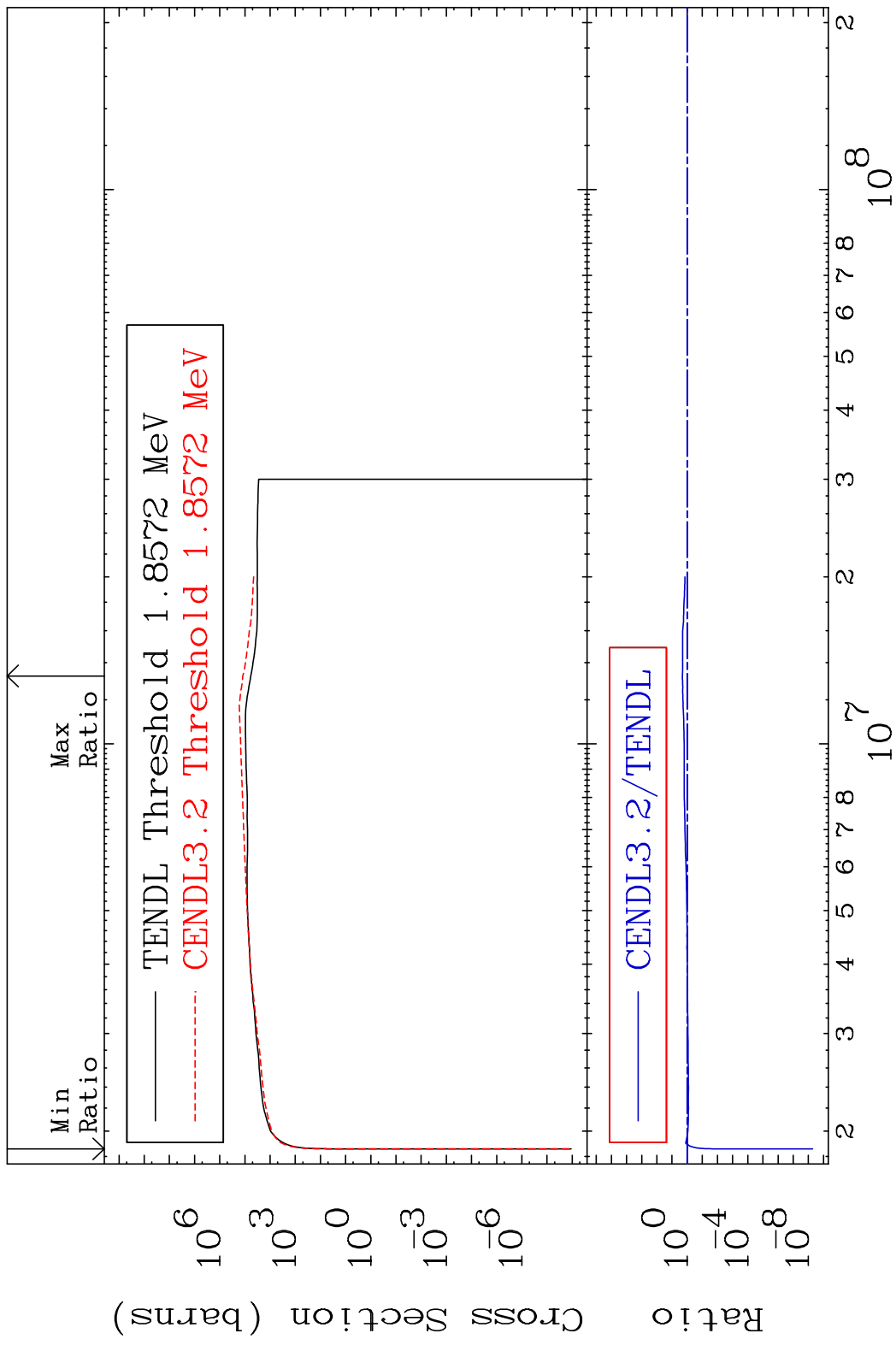


51

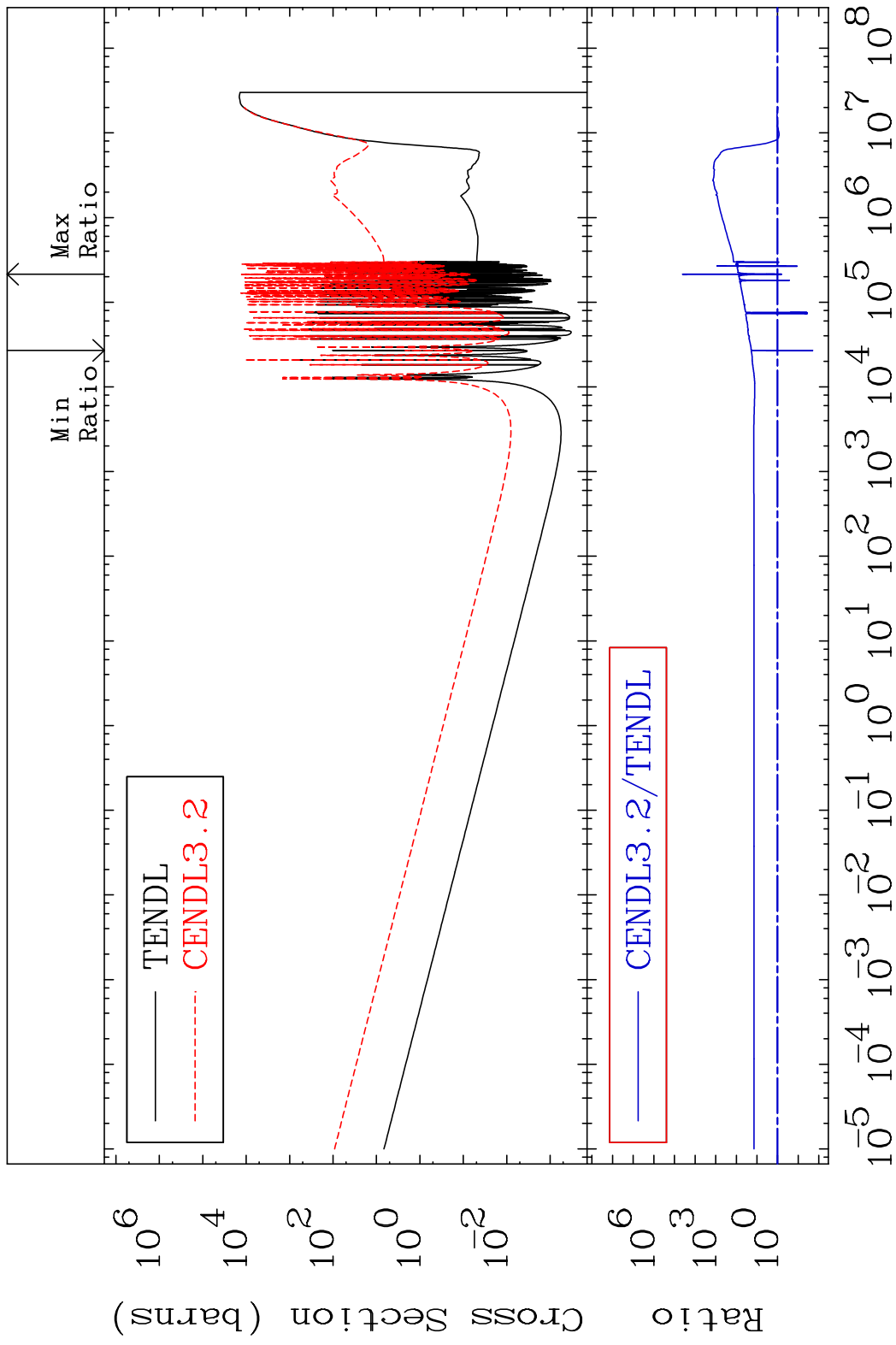
Incident Energy (eV)

38-Sr-88

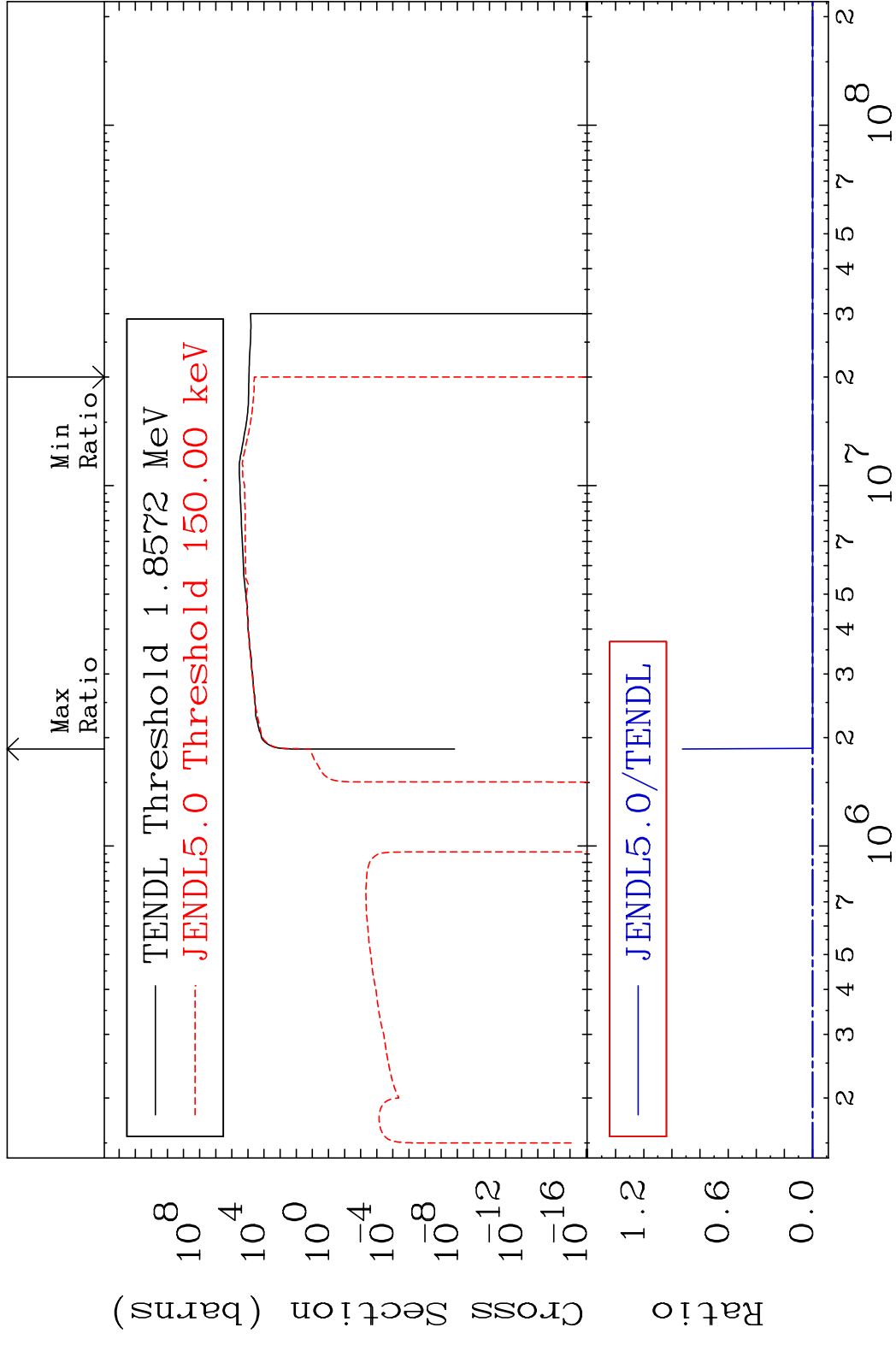
MAT 3837 Dpa inelastic (mt51-91) 38-Sr-88
 Cross Section -100.0 To 107.7 %



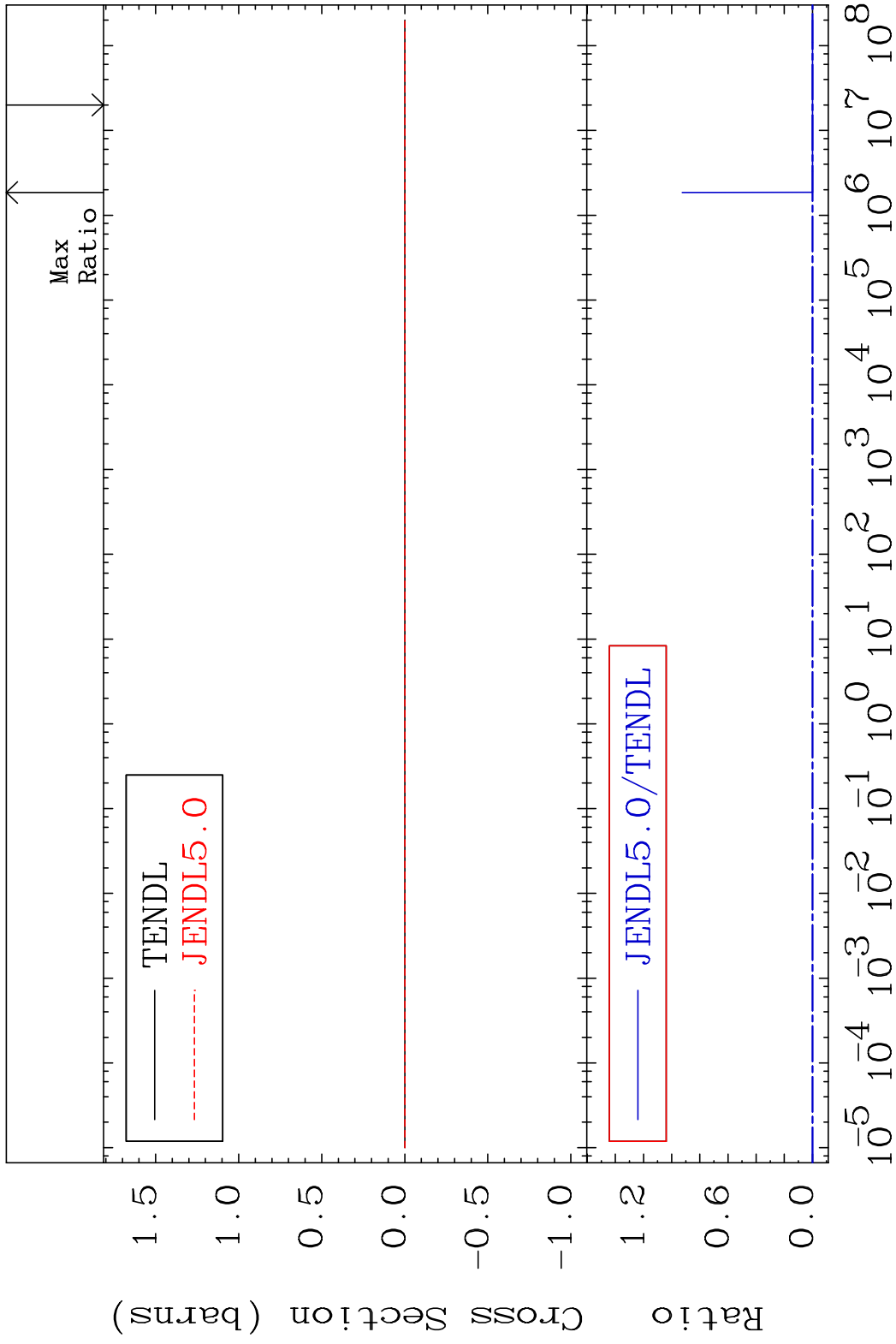
MAT 3837 Dpa disappearance (mt102 -120) 38-Sr-88
 Cross Section -97.98 To 9999. %



MAT 3837 Kerma inelastic (mt51-91) 38-Sr-88
 Cross Section -100.0 To 9999. %



MAT 3837 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-88
 Cross Section -100.0 To 9999. %

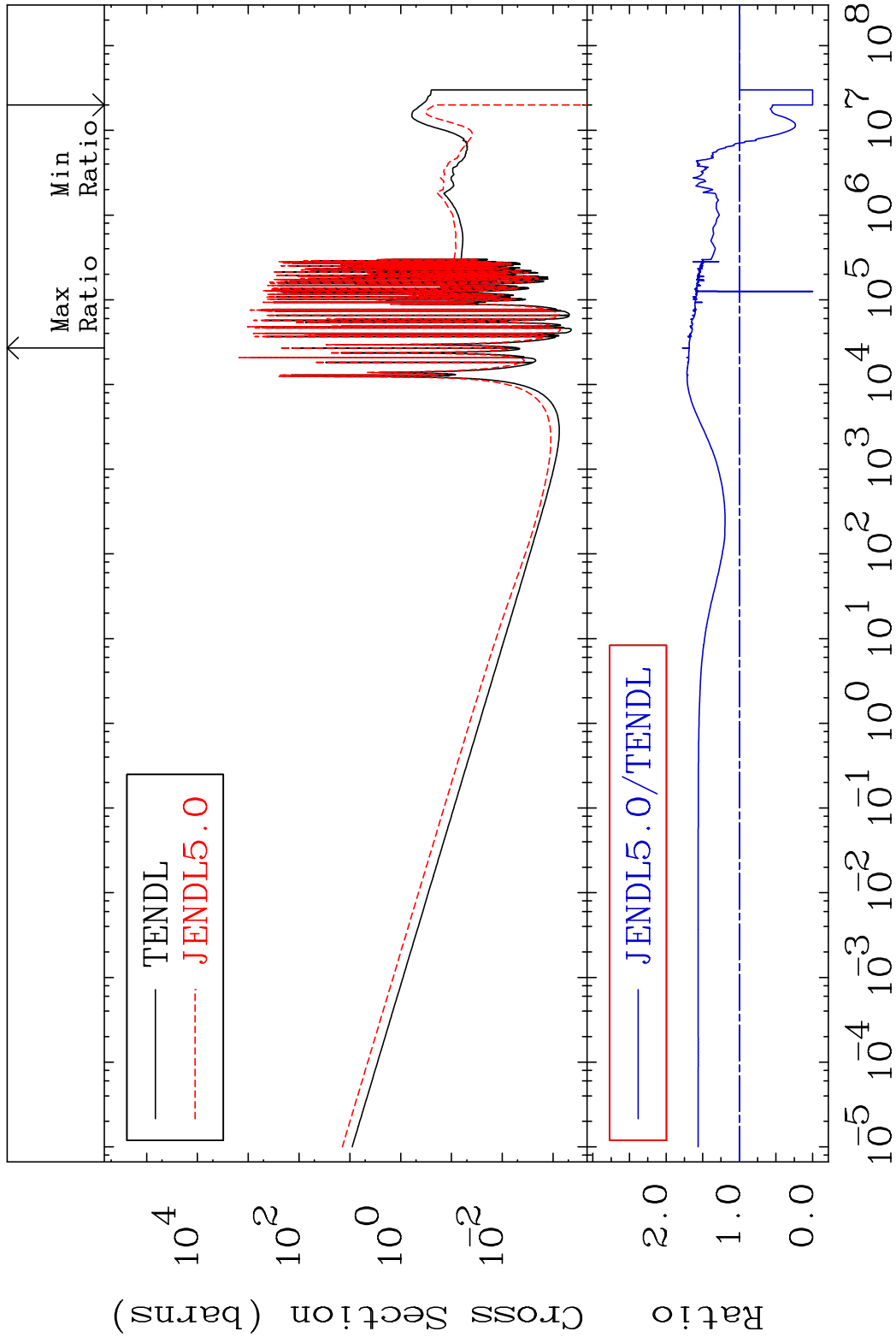


MAT 3837

Kerma capture (mt102)

38-Sr-88

Cross Section -100.0 To 77.80 %



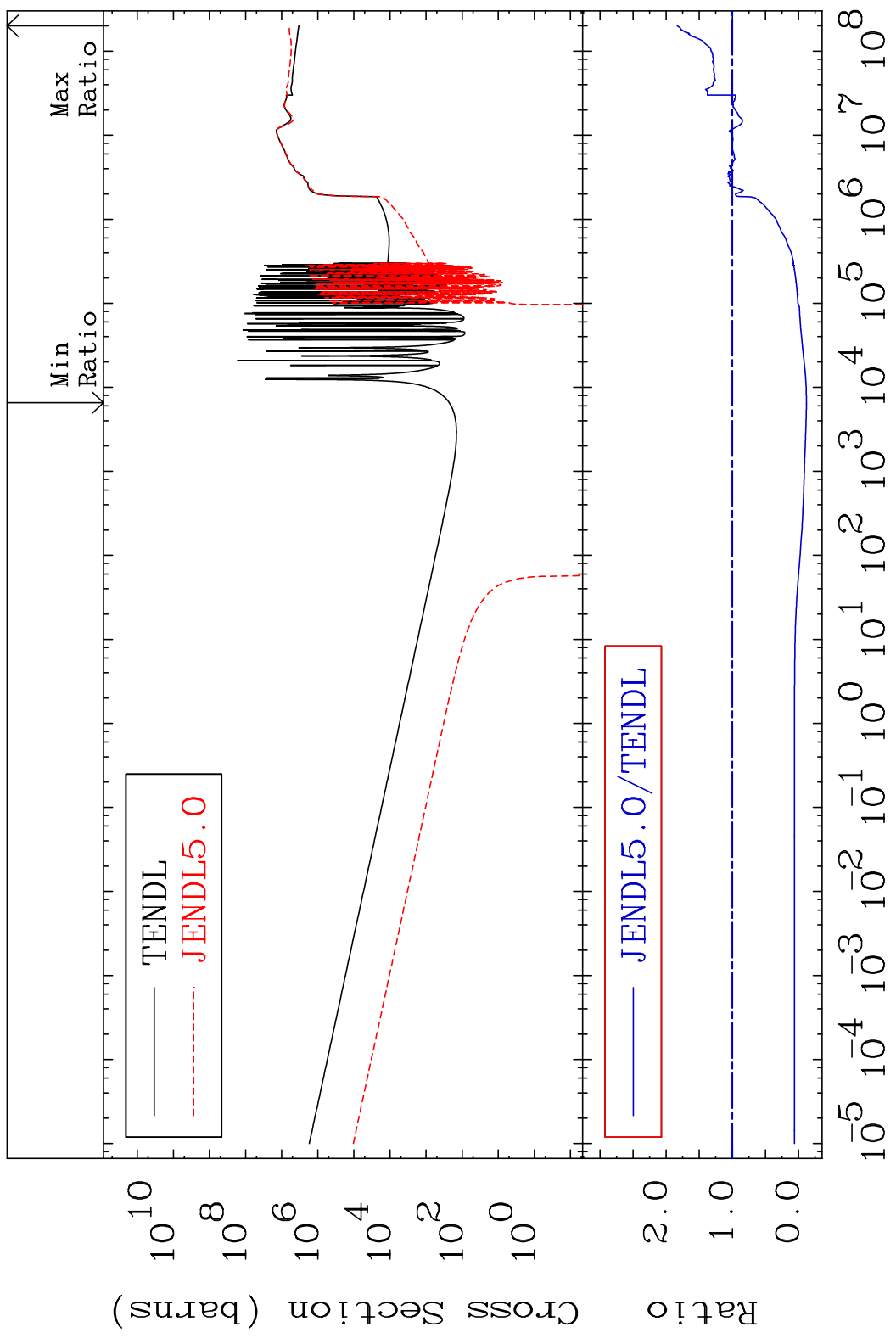
56

Incident Energy (eV)

38-Sr-88

MAT 3837

Total photon (eV-barns) 38-Sr-88
Cross Section -112.0 To 83.42 %

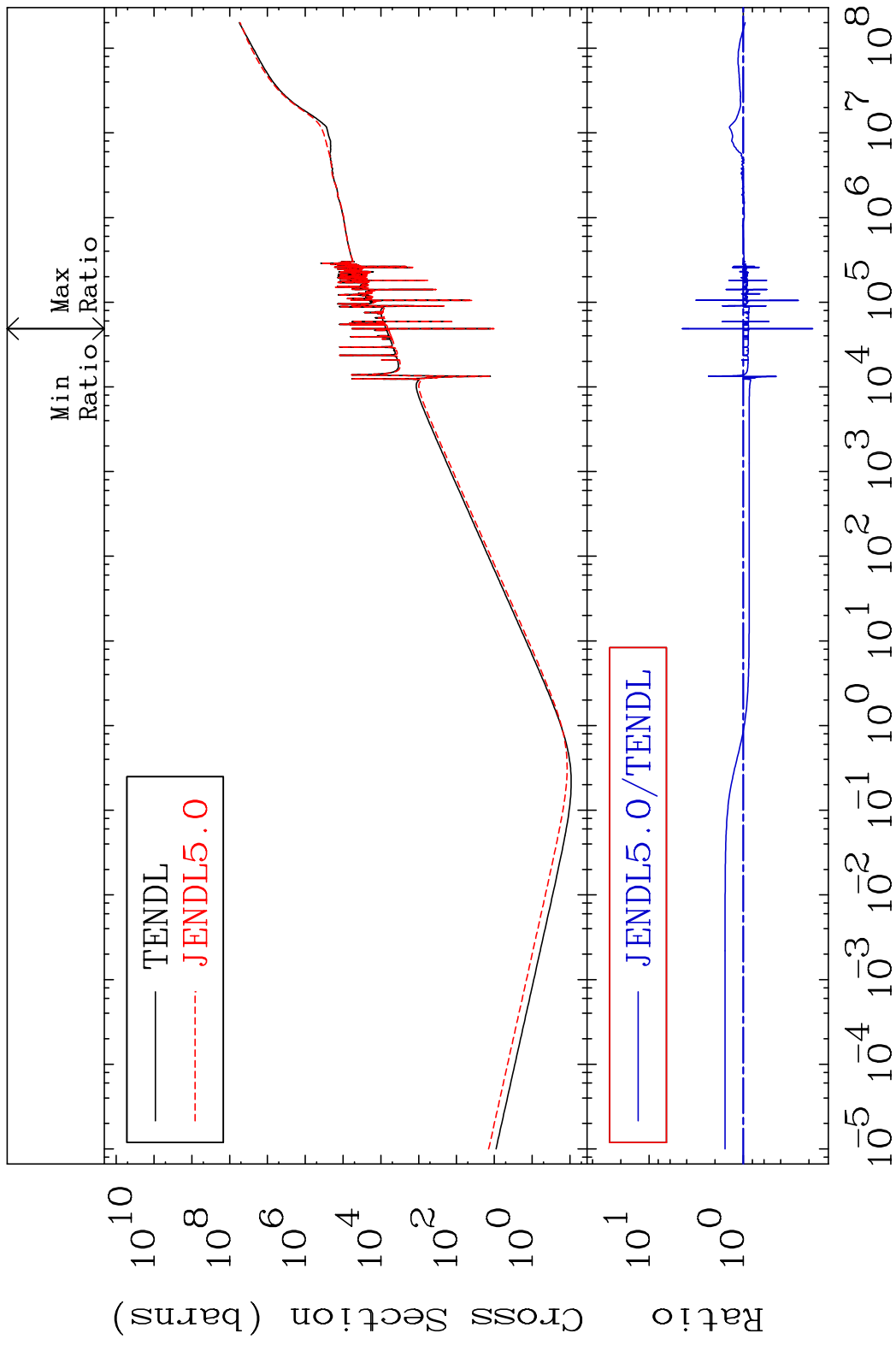


57

Incident Energy (eV)

38-Sr-88

MAT 3837 Total kinematic kerma (high limit) 38-Sr-88
 Cross Section -81.66 To 344.0 %

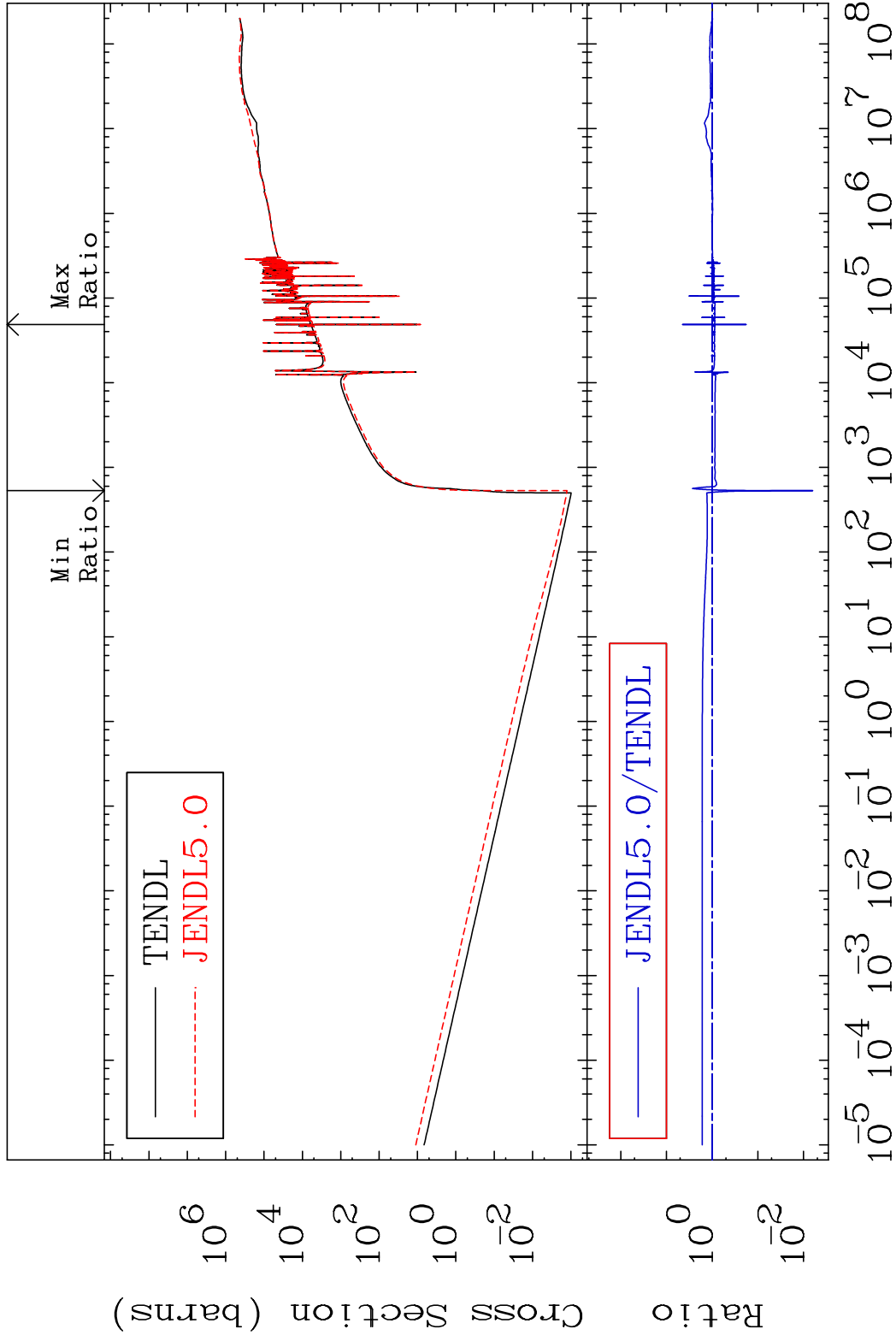


MAT 3837

Dpa total (eV-barns)

38-Sr-88

Cross Section -99.36 To 348.9 %



59

Incident Energy (eV)

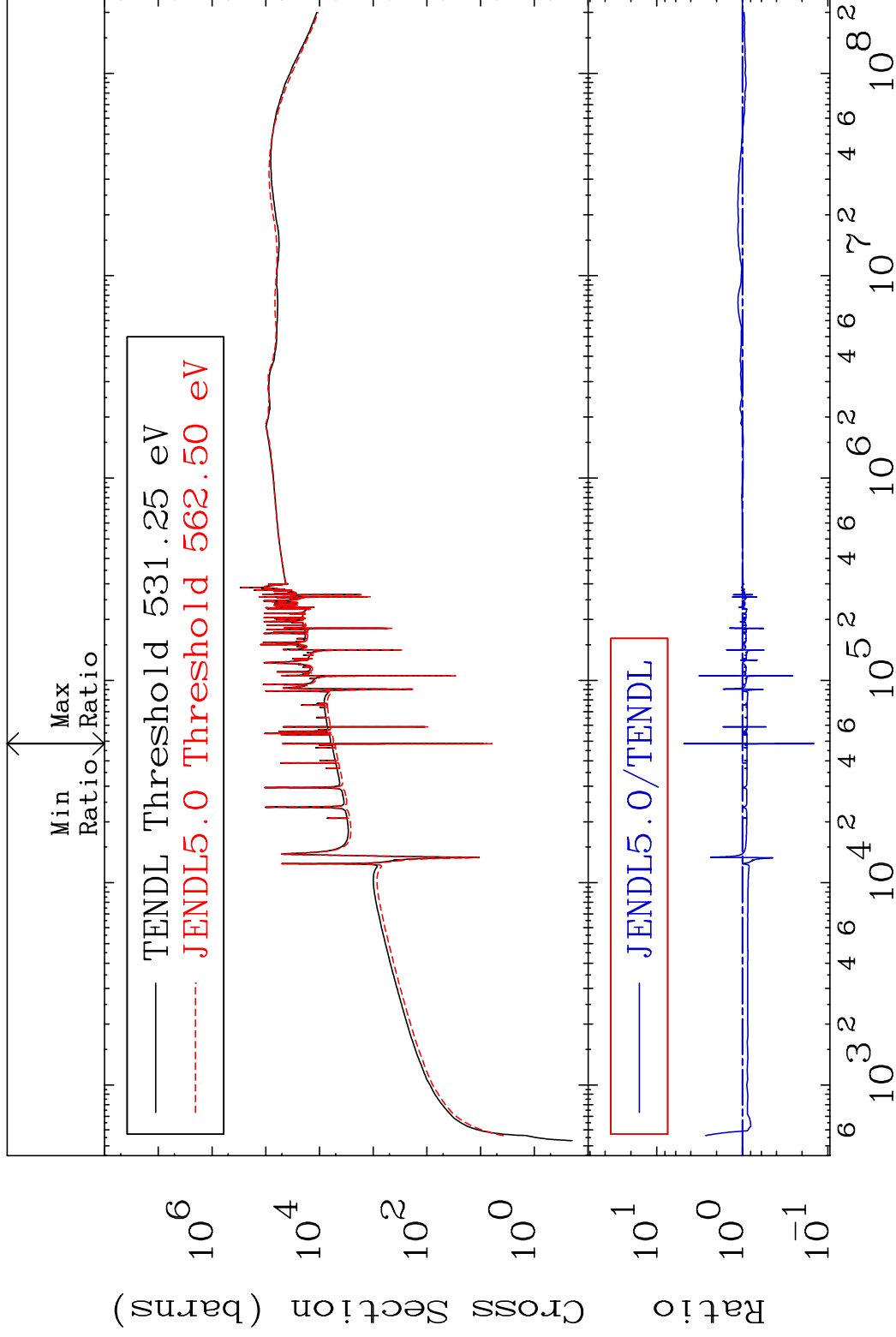
38-Sr-88

MAT 3837

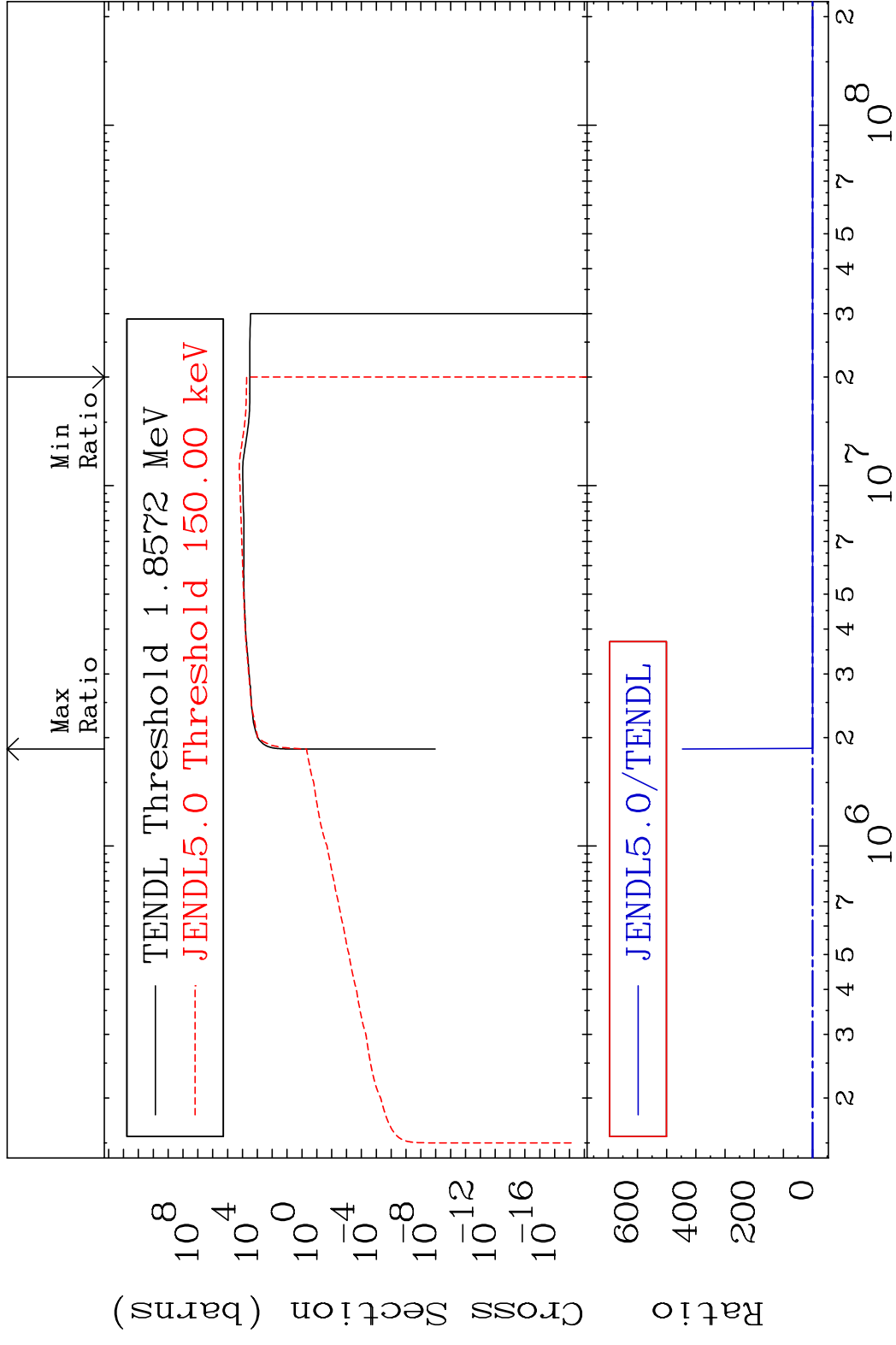
Dpa elastic (mt2)

38-Sr-88

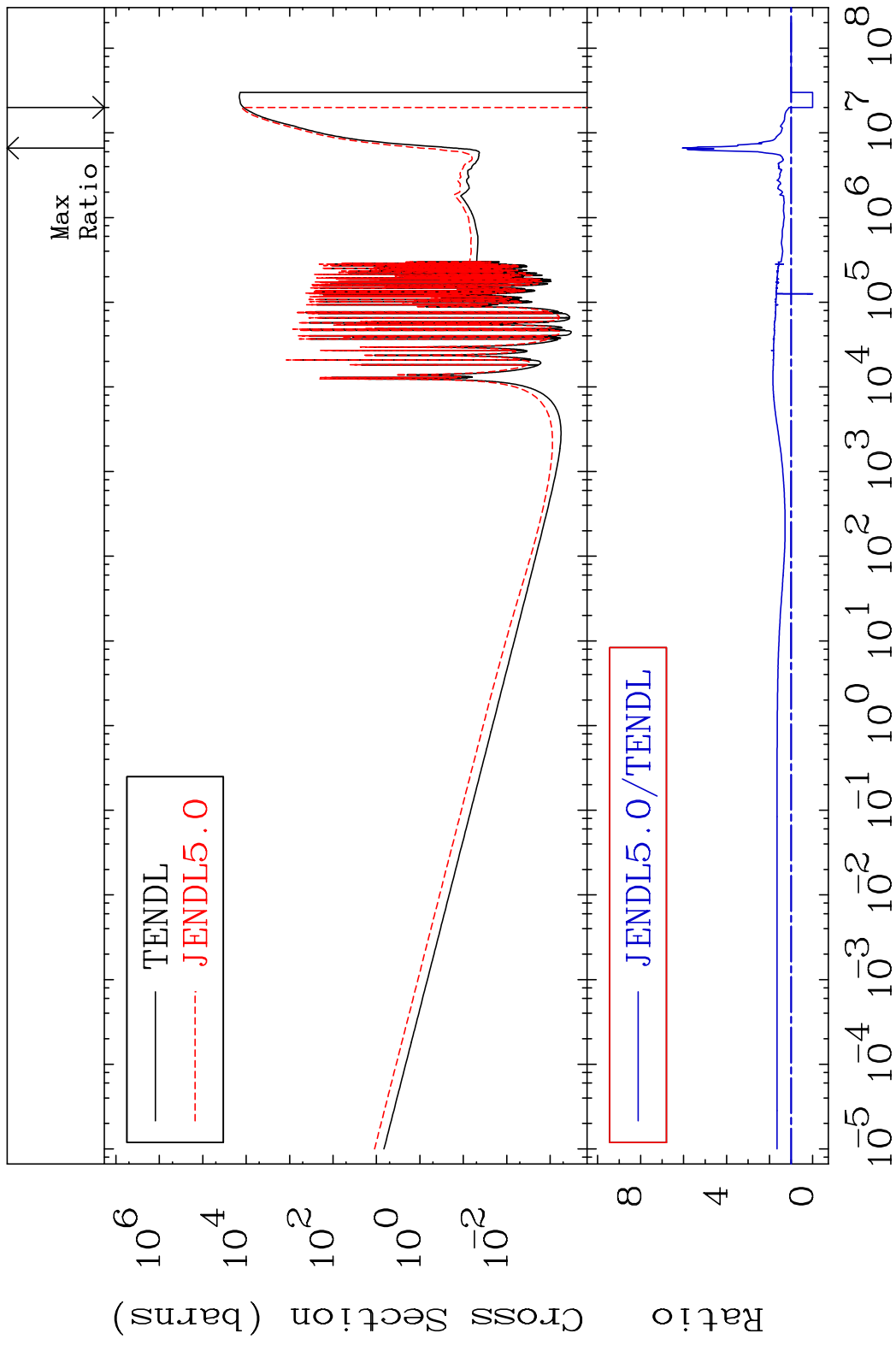
Cross Section -85.50 To 384.4 %



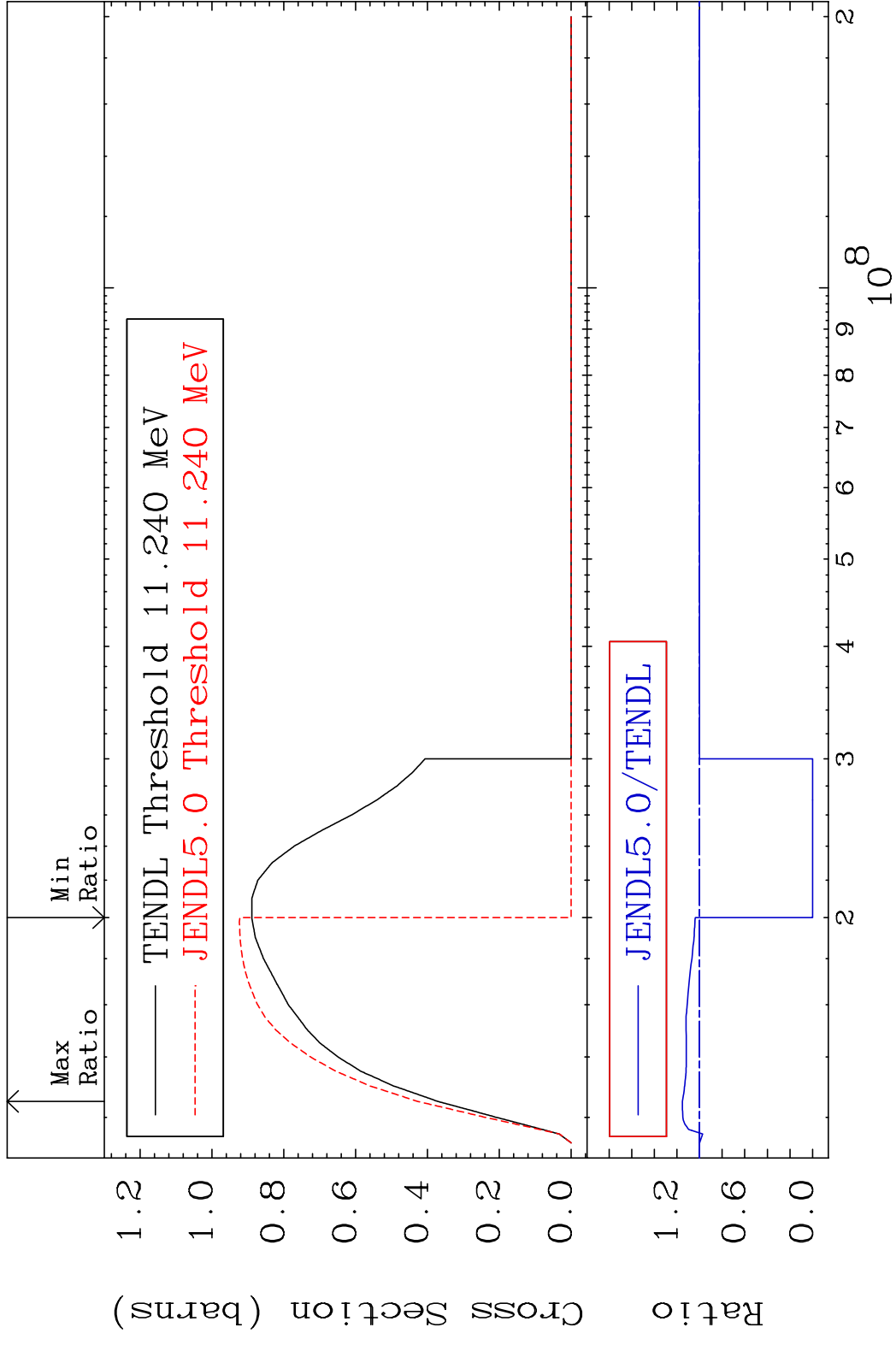
MAT 3837 Dpa inelastic (mt51-91) 38-Sr-88
 Cross Section -100.0 To 9999. %

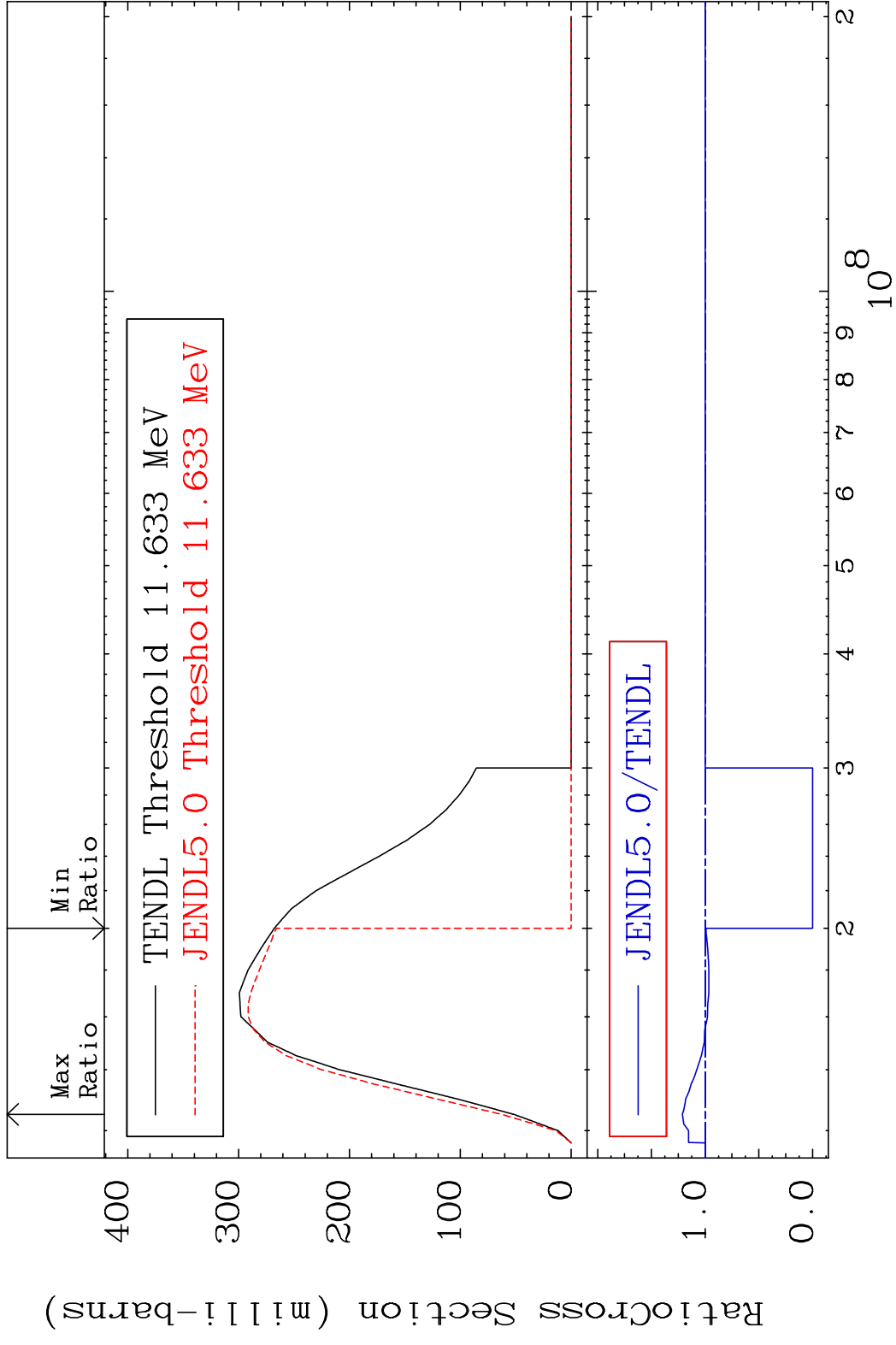


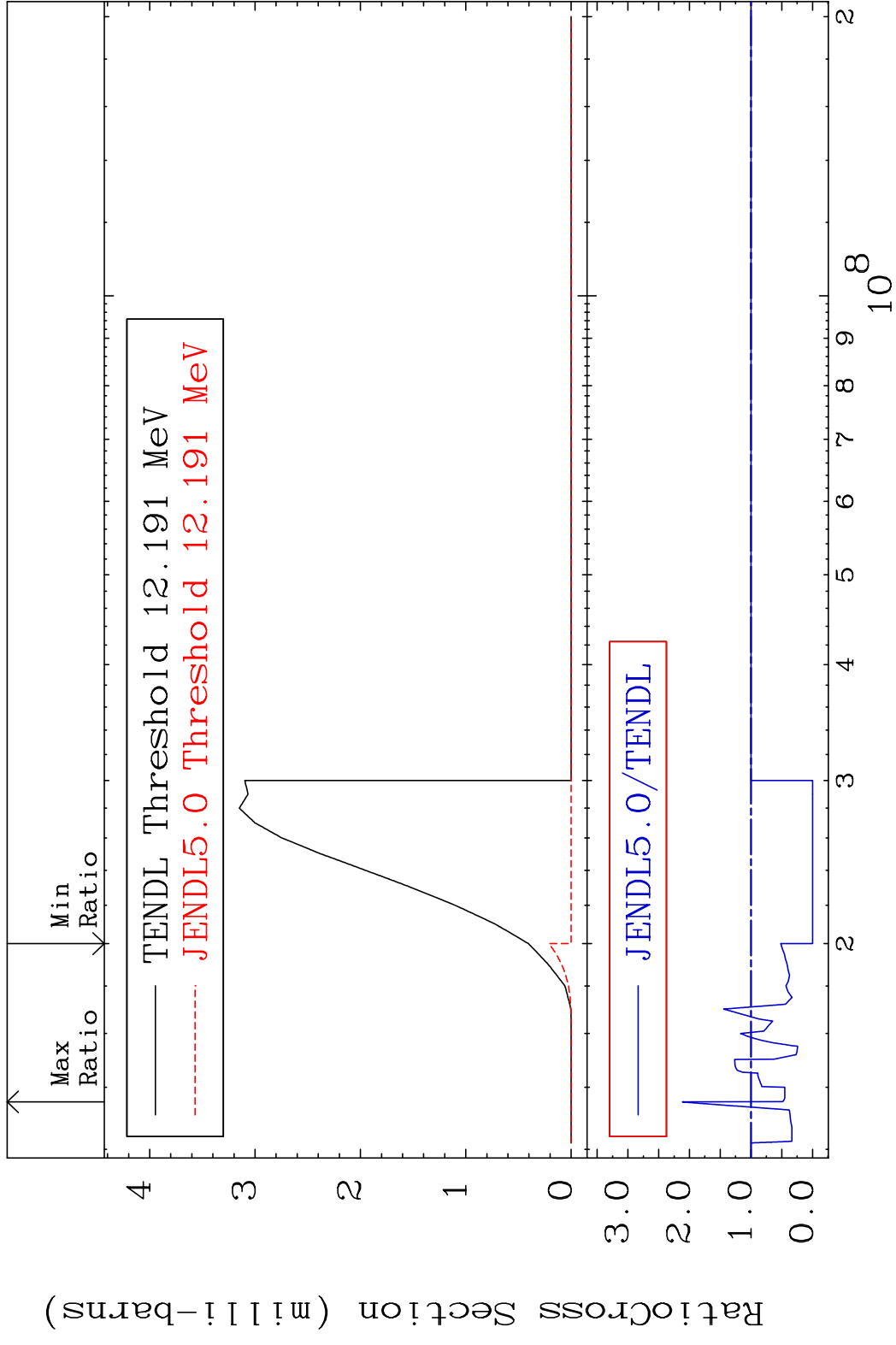
MAT 3837 Dpa disappearance (mt102 -120) 38-Sr-88
 Cross Section -100.0 To 505.8 %

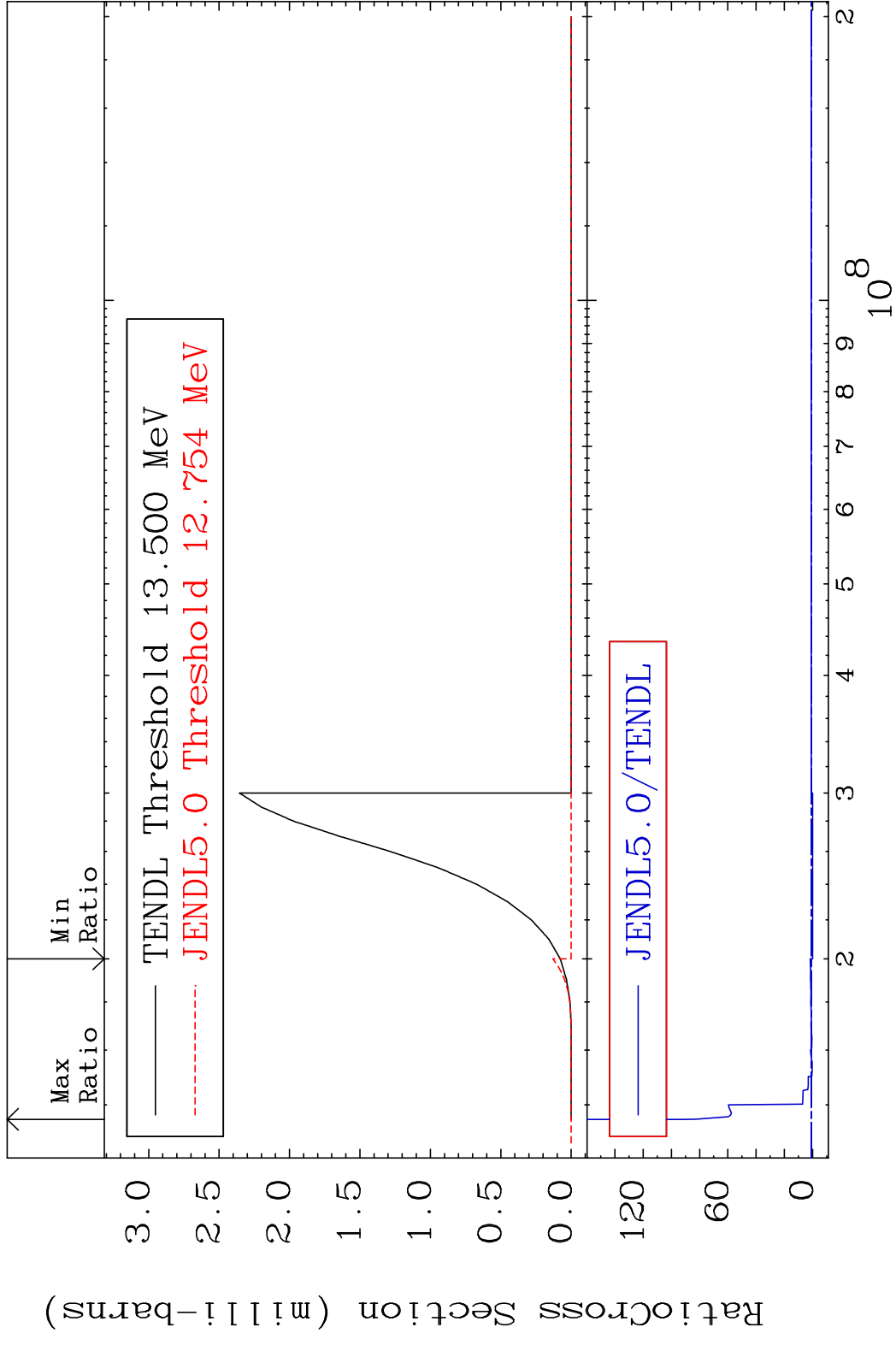


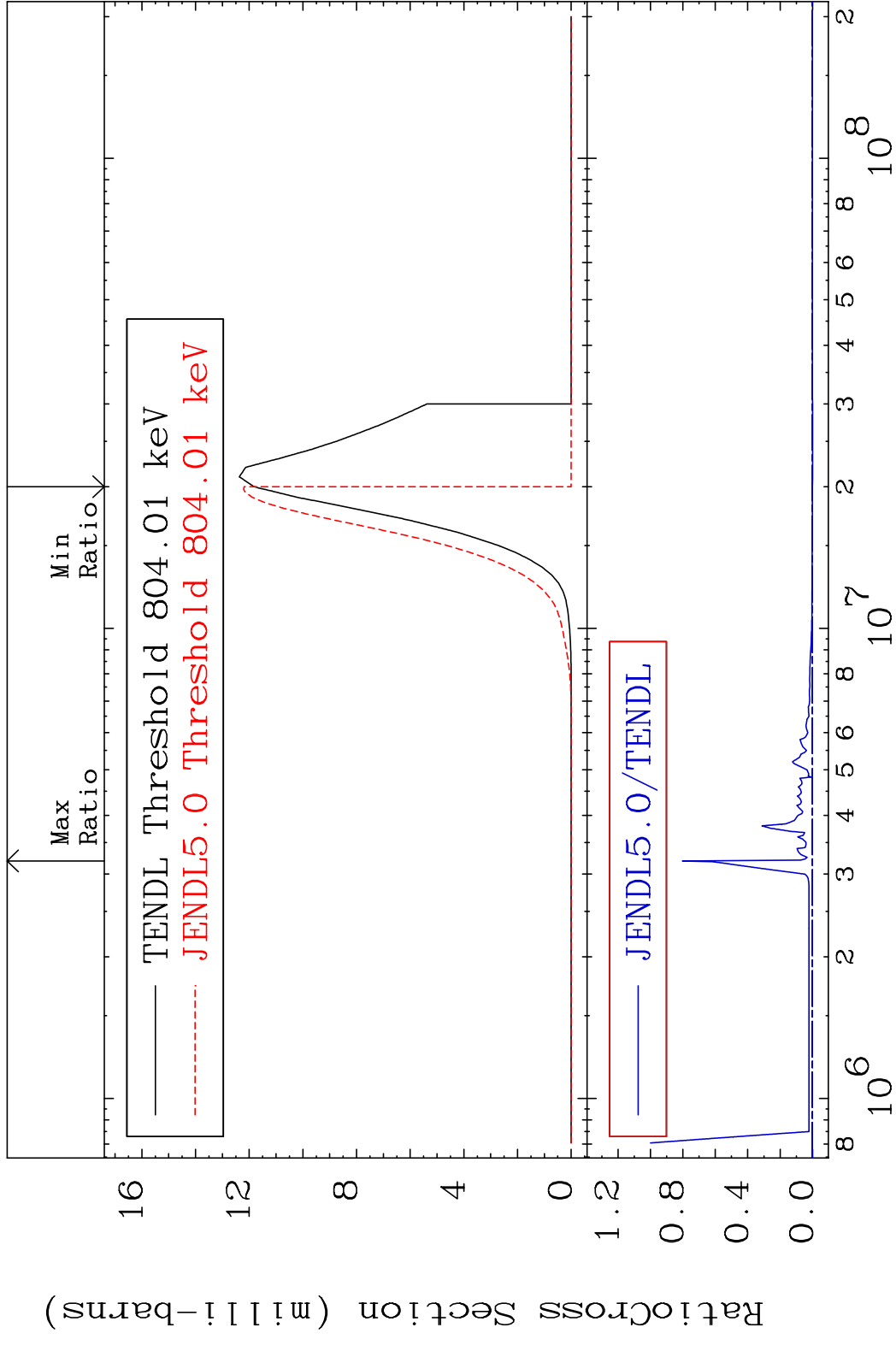
MAT 3837 (n,2n):38-Sr-87g 38-Sr-88
 Radionuclide Production Cross Section Ratio 15.23 %



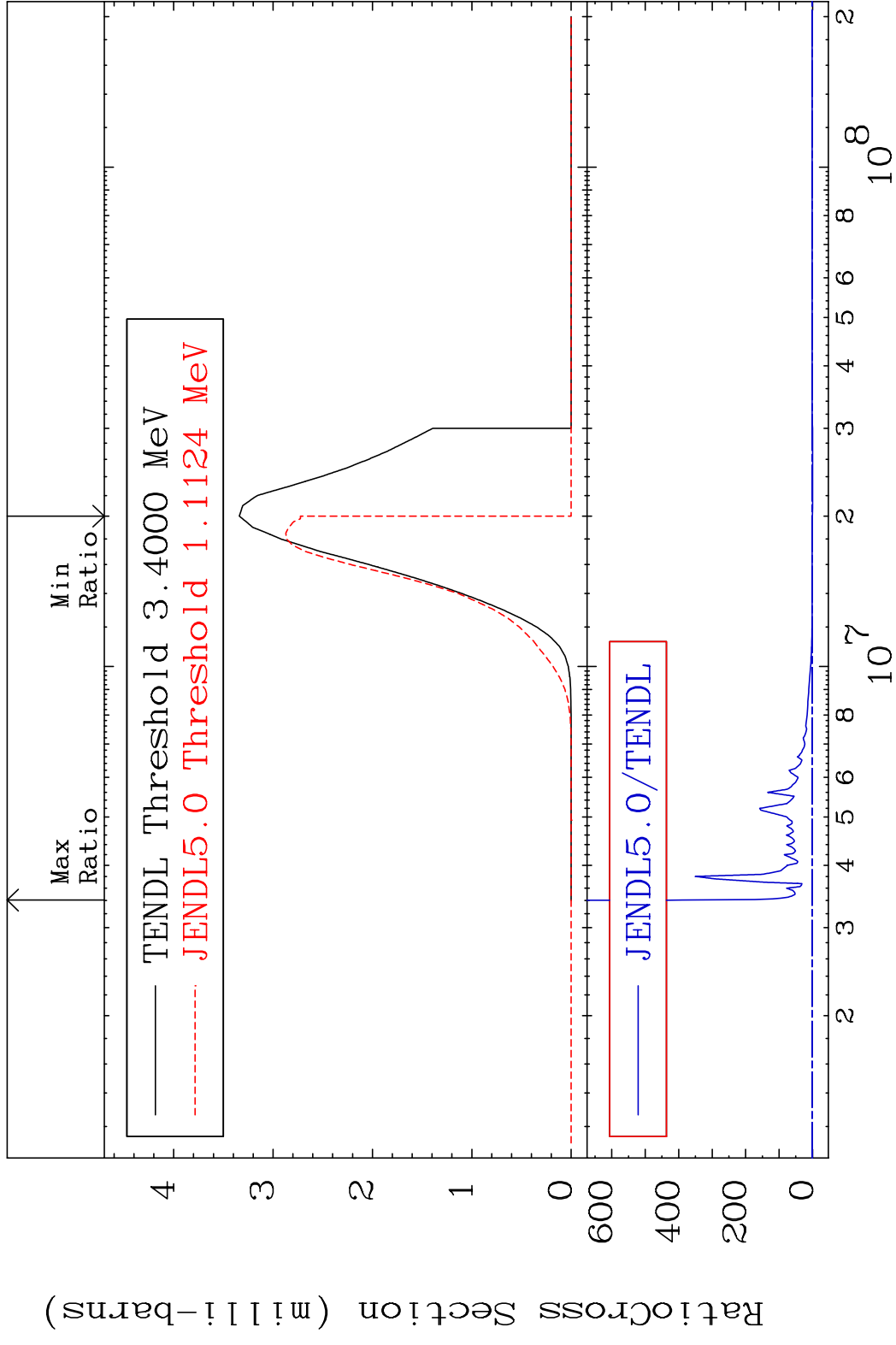






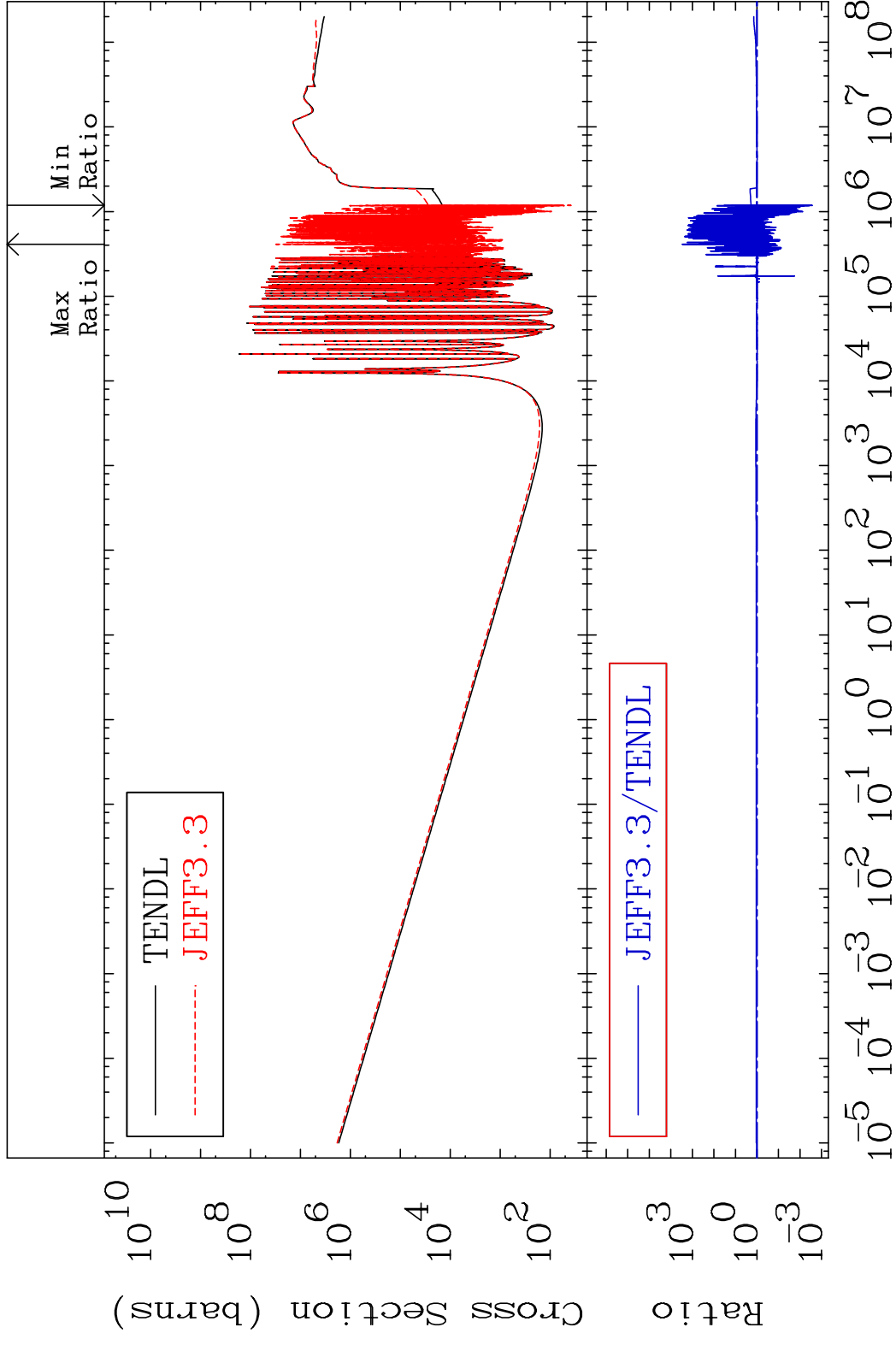


MAT 3837 (n, α):36-Kr-85m1 38-Sr-88
 Radionuclide Production Cross Section Ratio 9999. %



MAT 3837

Total photon (eV-barns) 38-Sr-88
Cross Section -99.74 To 9999. %

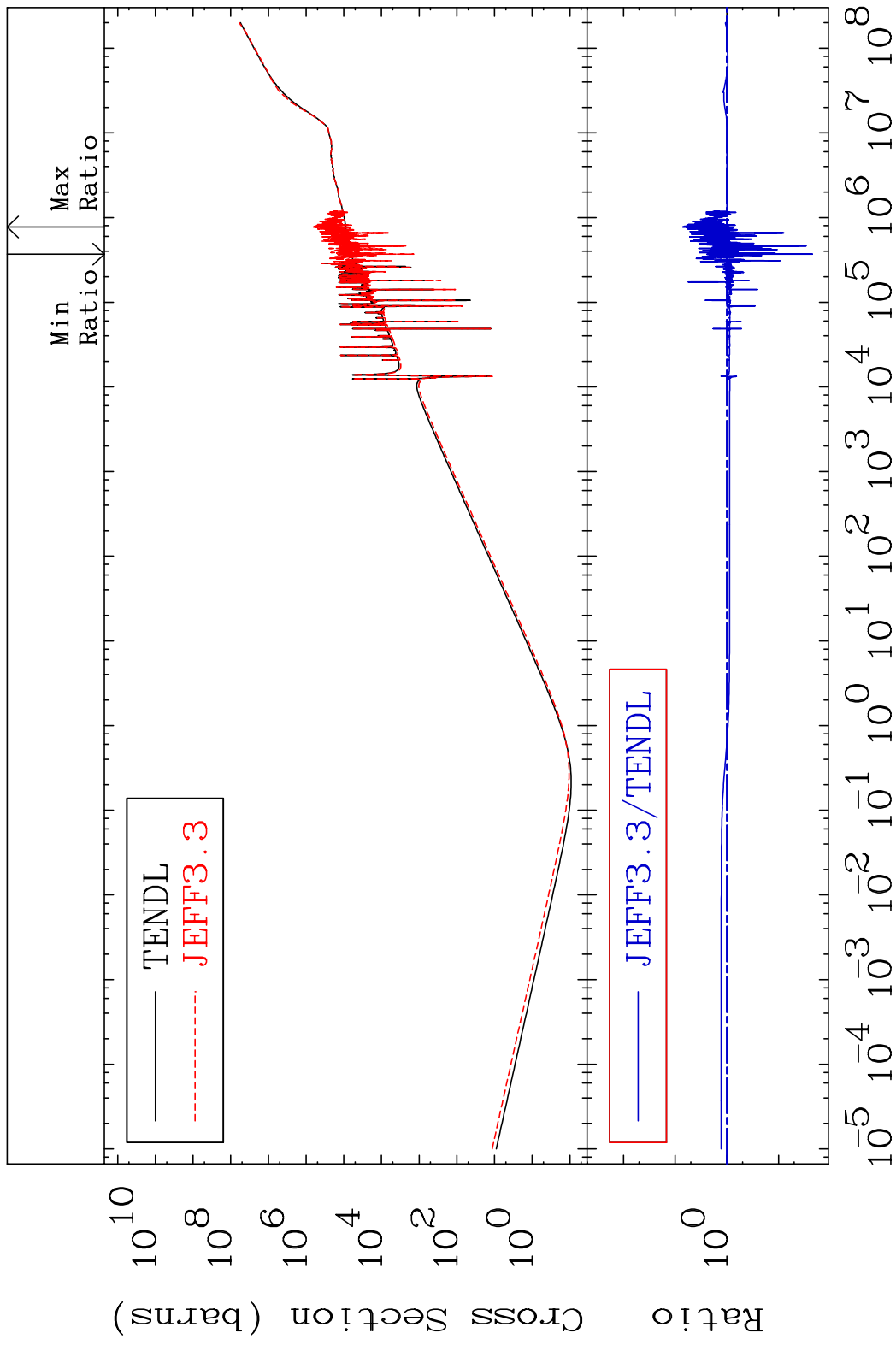


69

Incident Energy (eV)

38-Sr-88

MAT 3837 Total kinematic kerma (high limit) 38-Sr-88
Cross Section -97.79 To 627.2 %



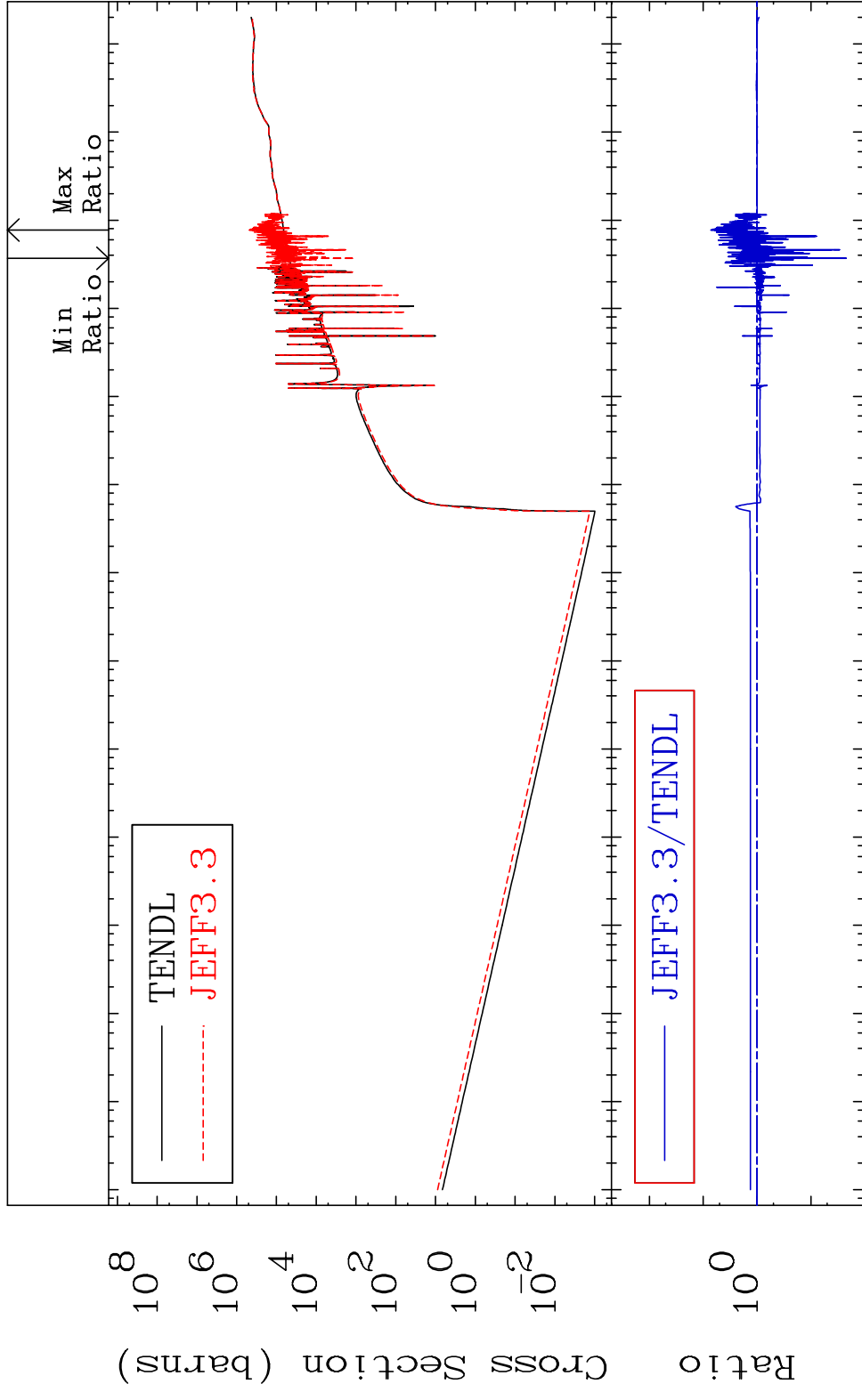
70 Incident Energy (eV) 38-Sr-88

MAT 3837

Dpa total (eV-barns)

38-Sr-88

Cross Section -97.79 To 627.0 %



Cross Section (barns)

Ratio

Incident Energy (eV)

71

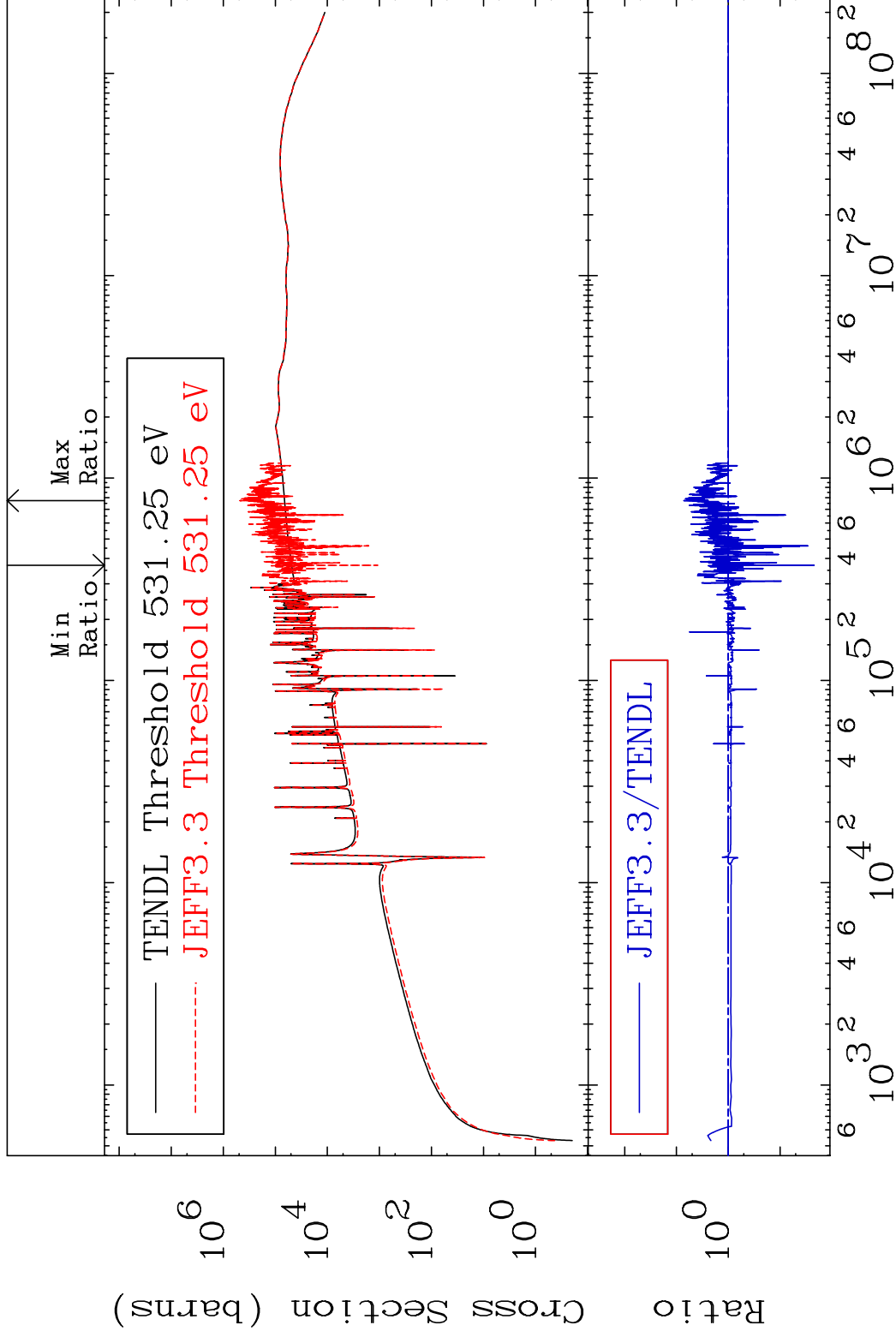
38-Sr-88

MAT 3837

Dpa elastic (mt2)

38-Sr-88

Cross Section -97.79 To 627.0 %

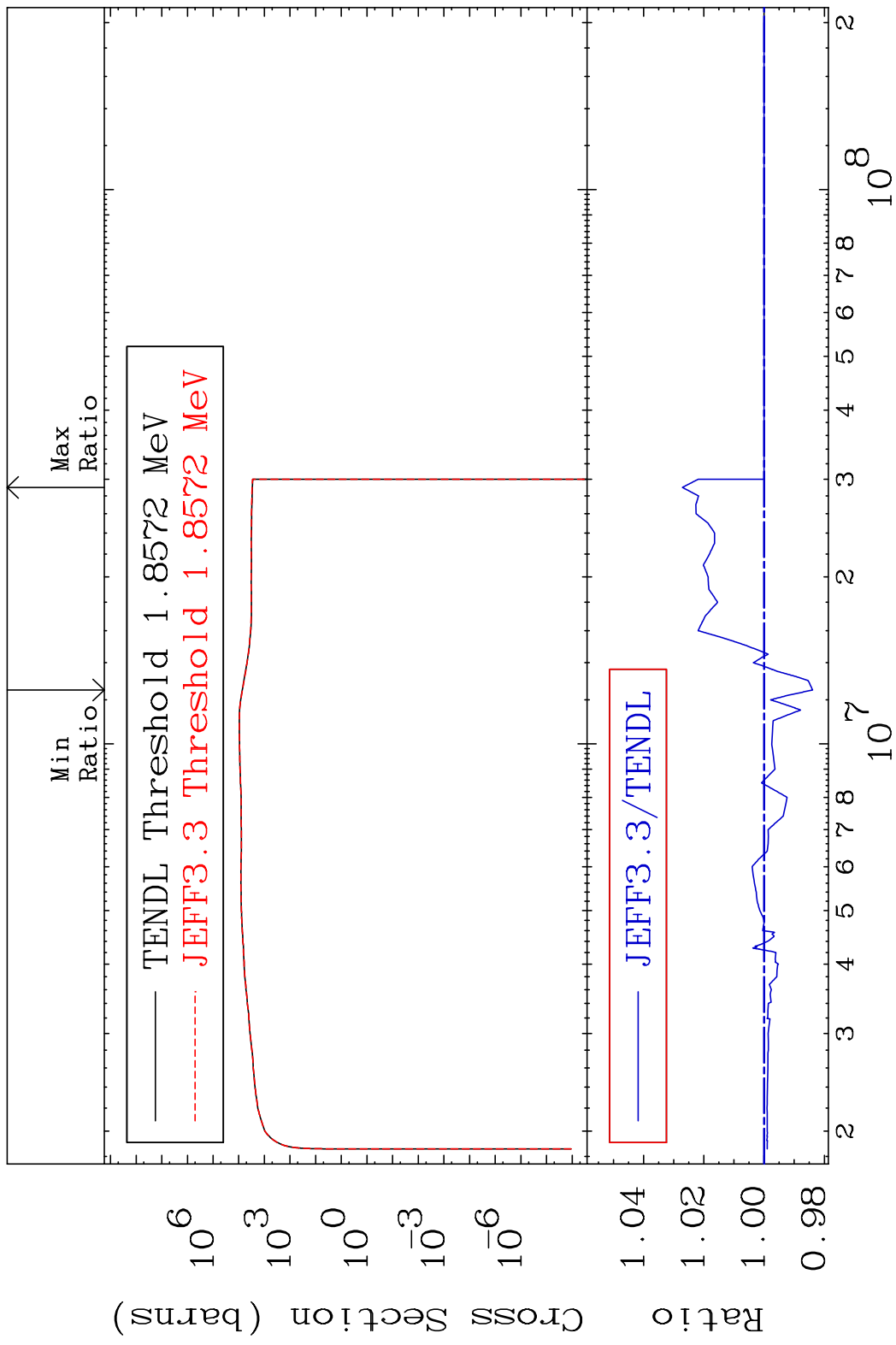


72

Incident Energy (eV)

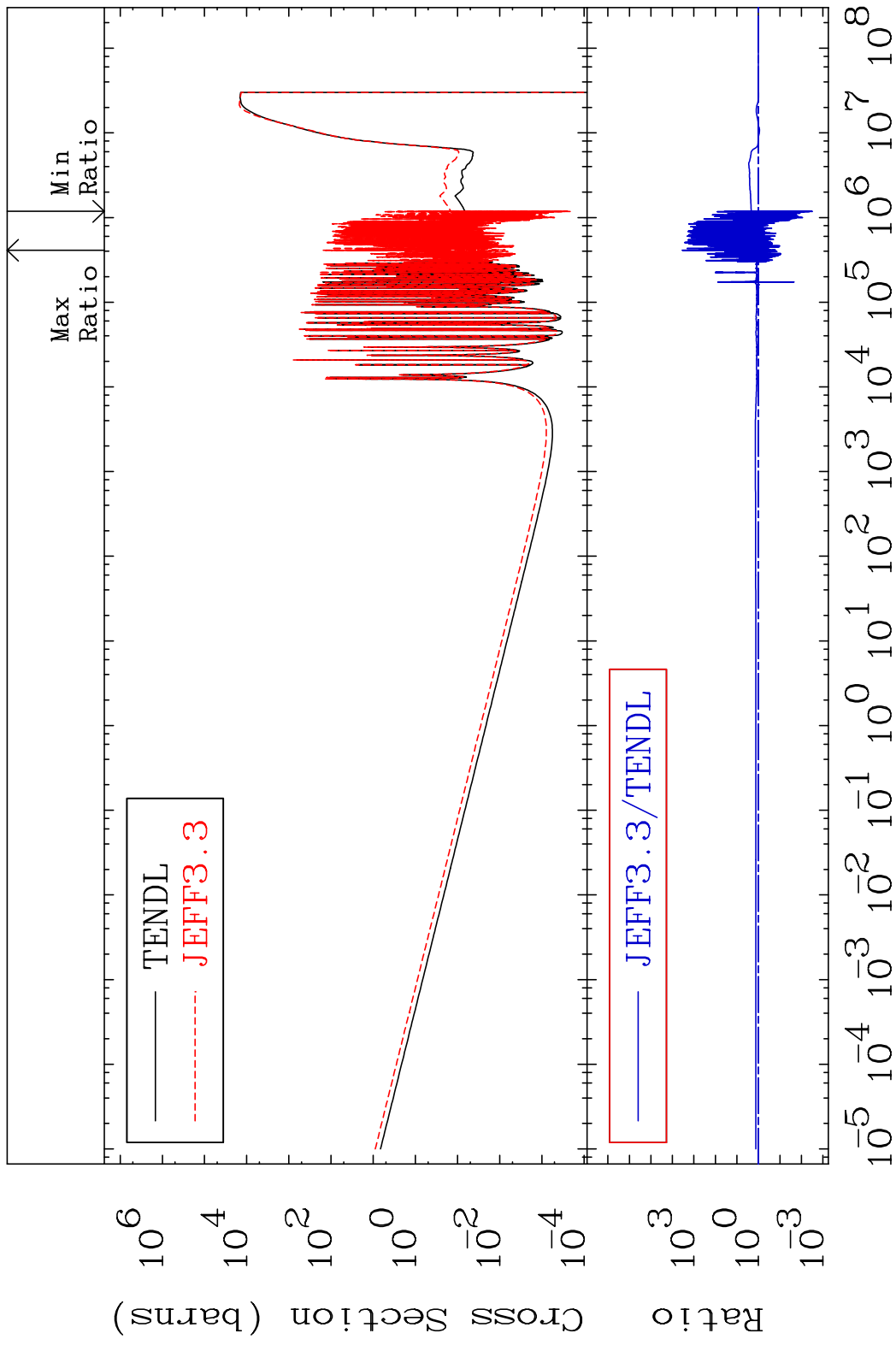
38-Sr-88

MAT 3837 Dpa inelastic (mt51-91) 38-Sr-88
 Cross Section -1.608 To 2.713 %

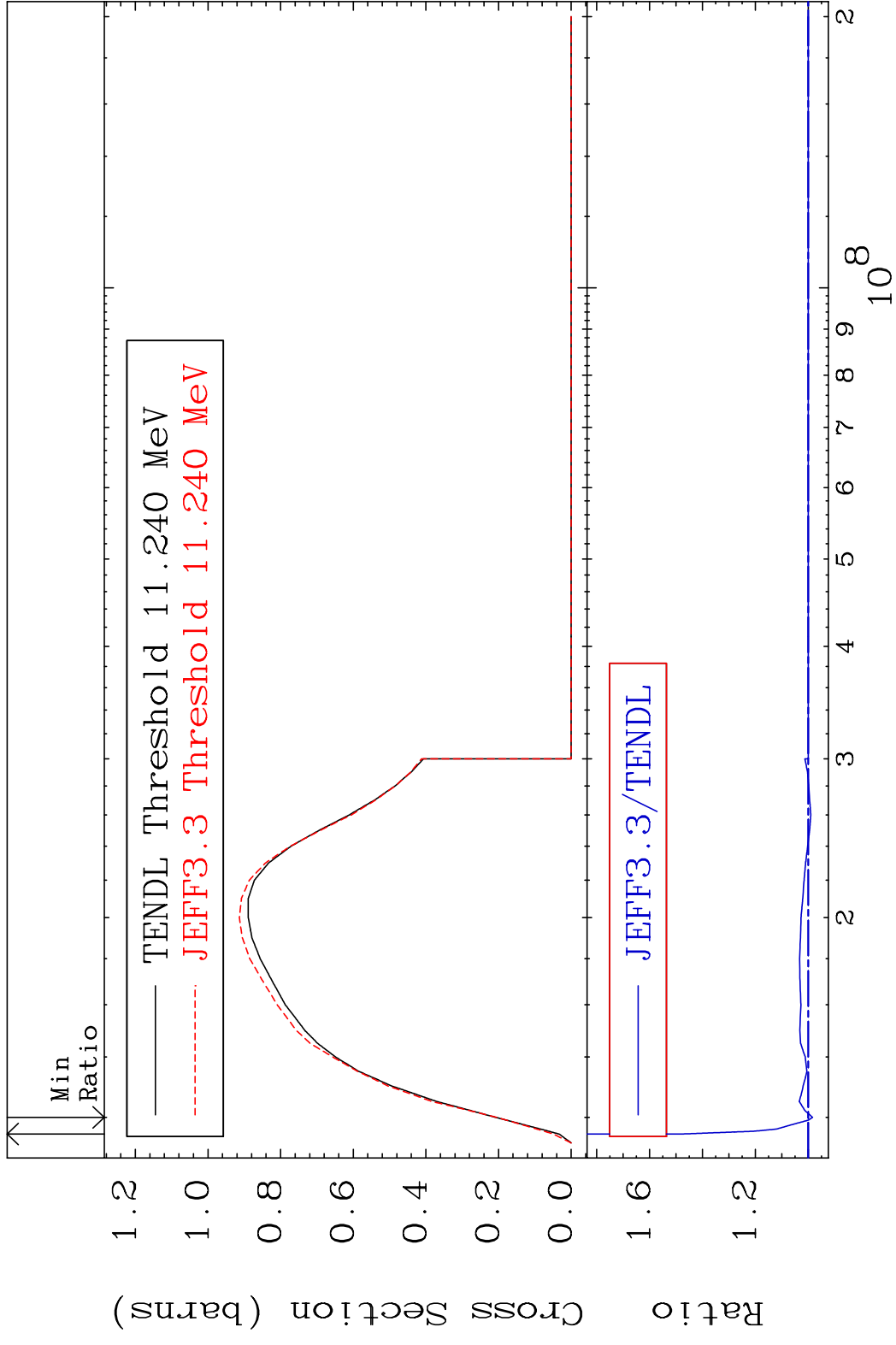


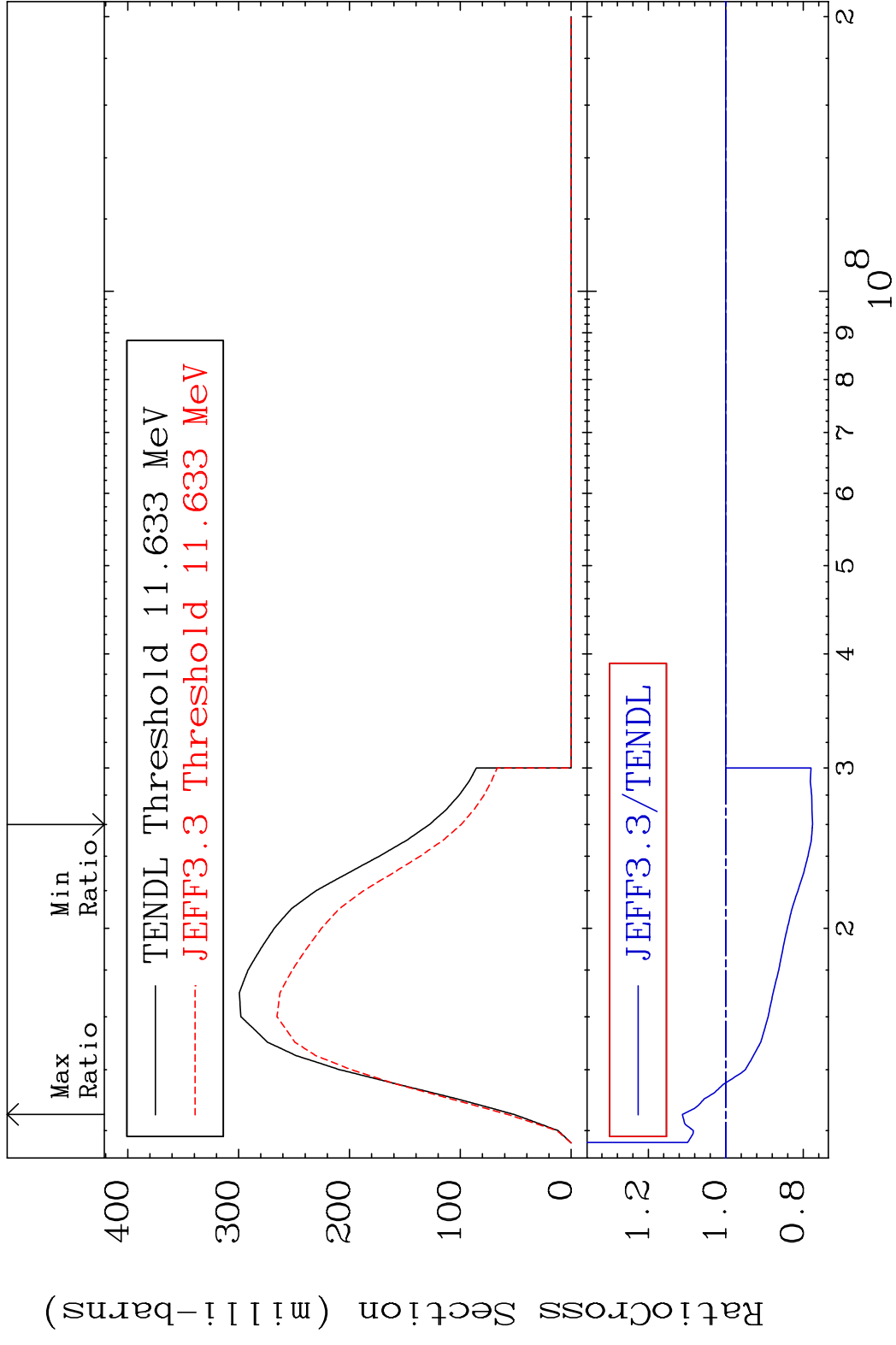
73 Incident Energy (eV) 38-Sr-88

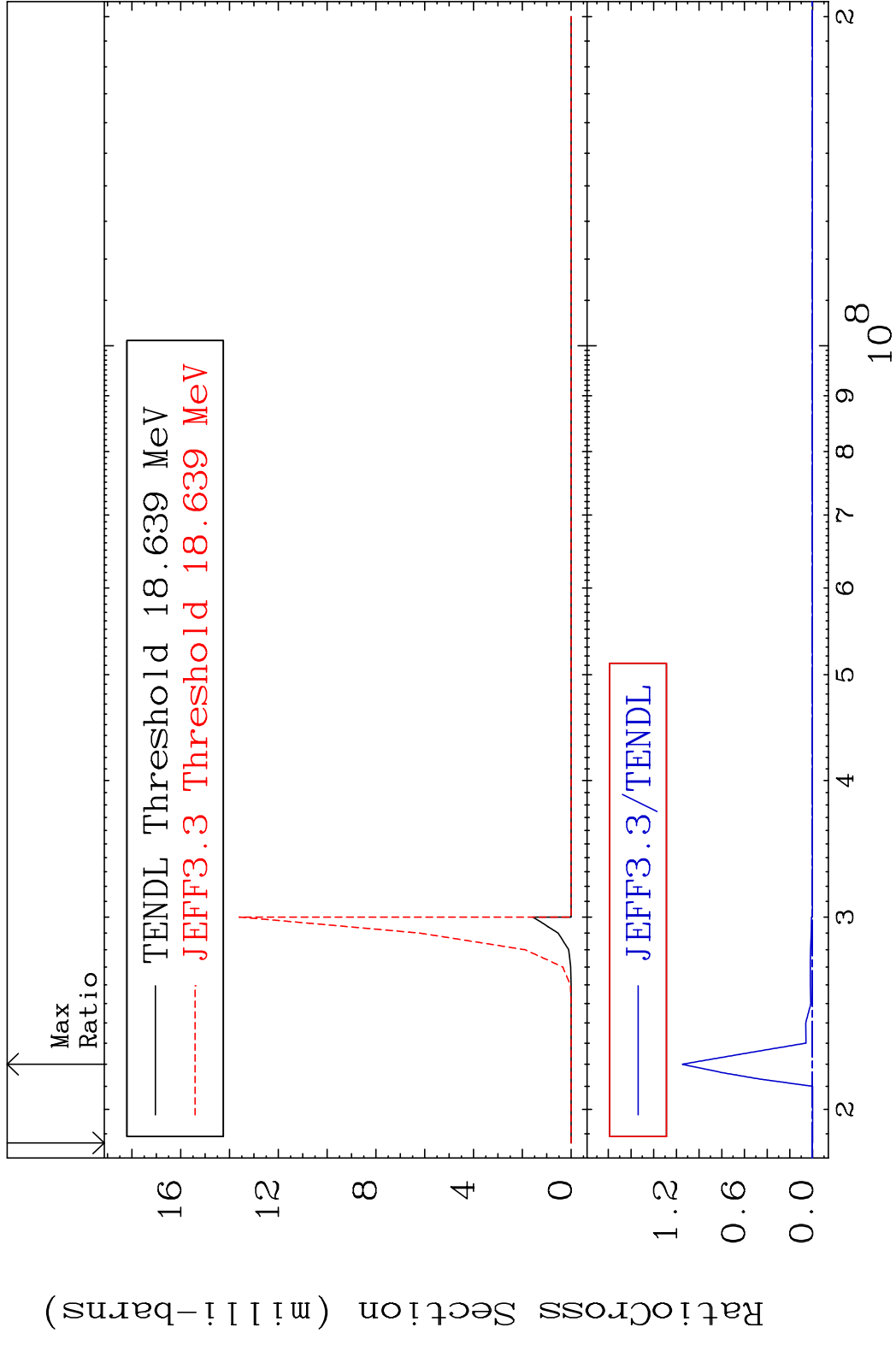
MAT 3837 Dpa disappearance (mt102 -120) 38-Sr-88
 Cross Section -99.70 To 9999. %

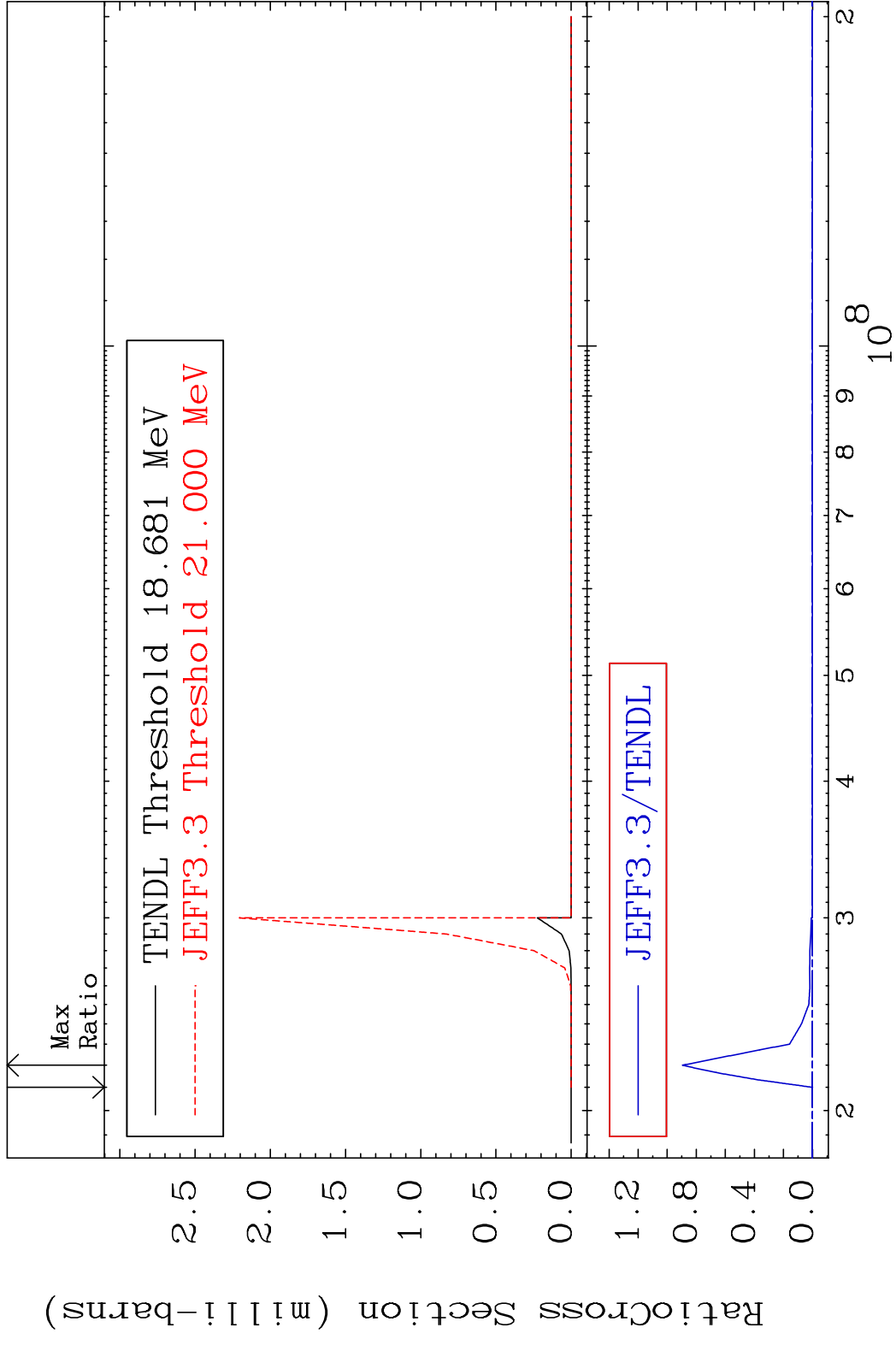


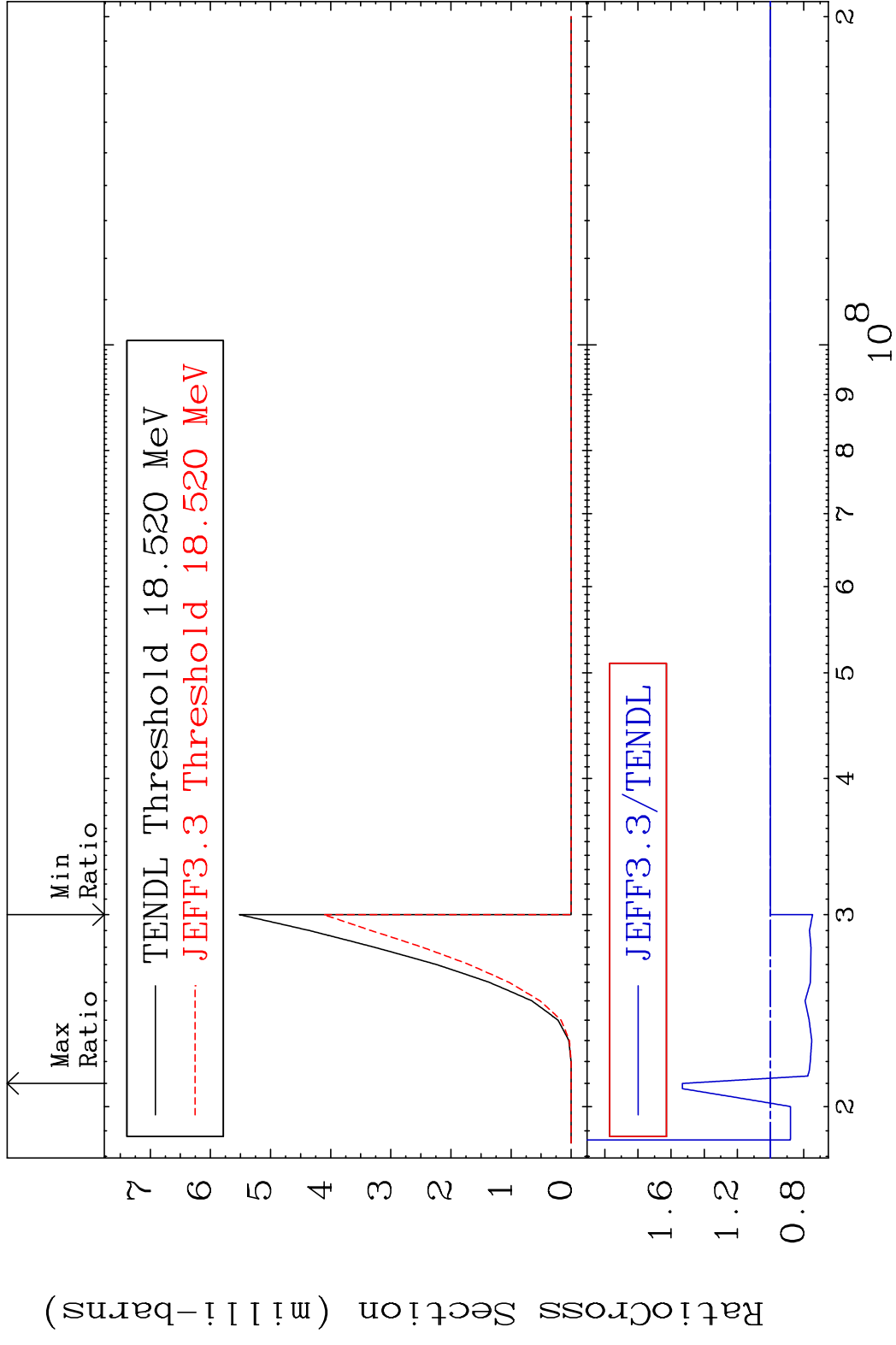
MAT 3837 (n,2n):38-Sr-87g 38-Sr-88
 Radionuclide Production Cross Section Ratio 47.64 %

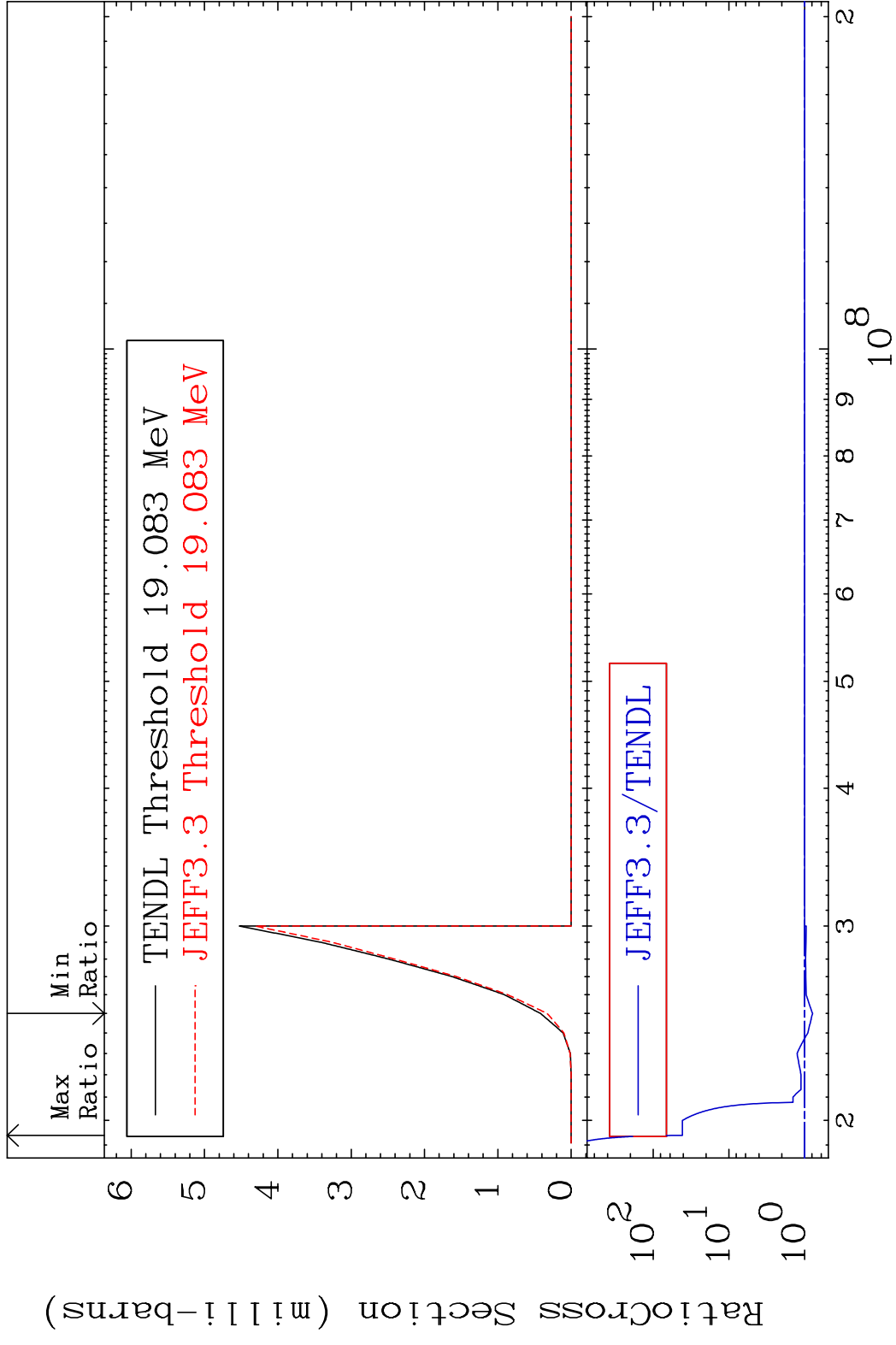


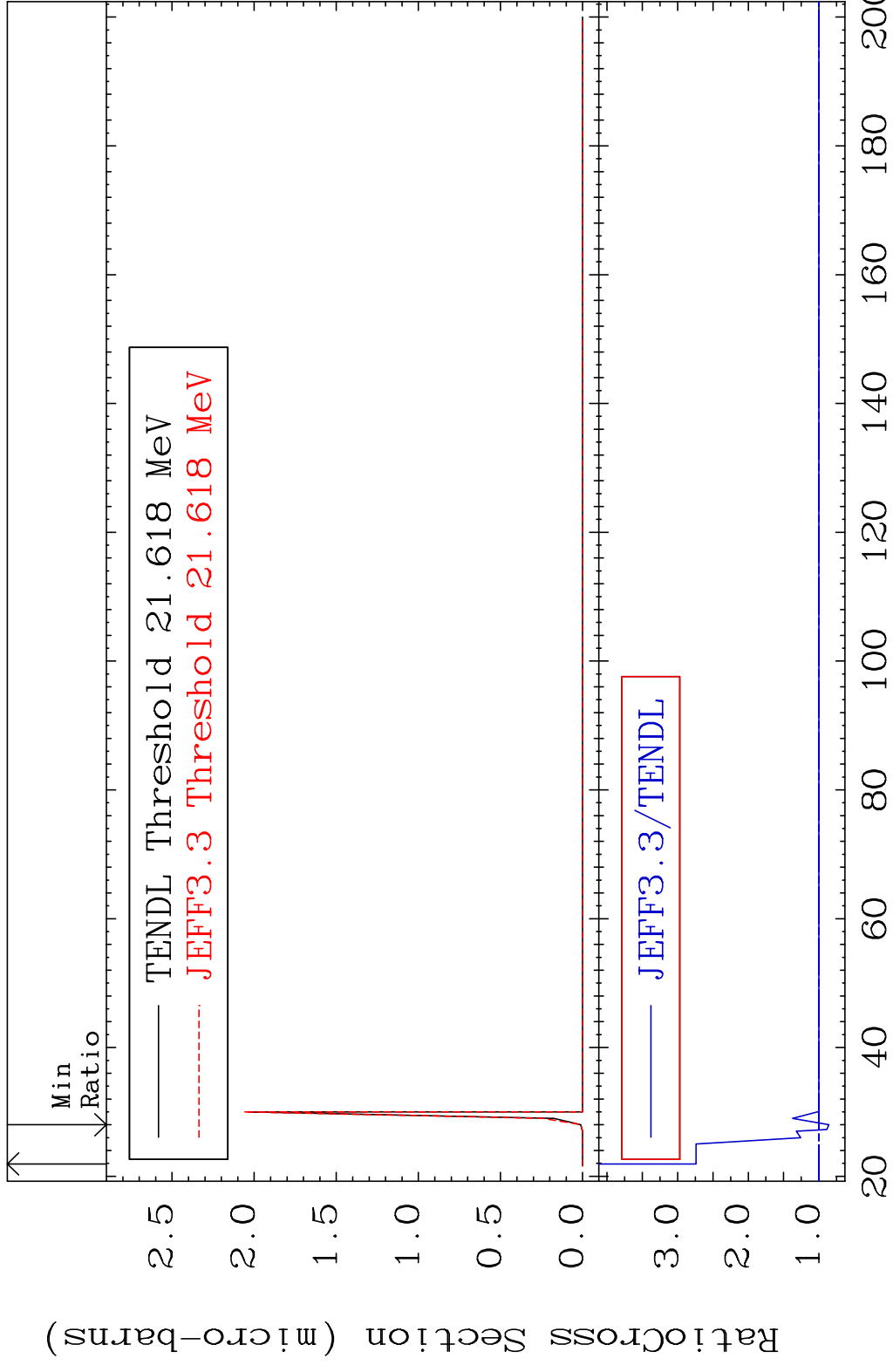


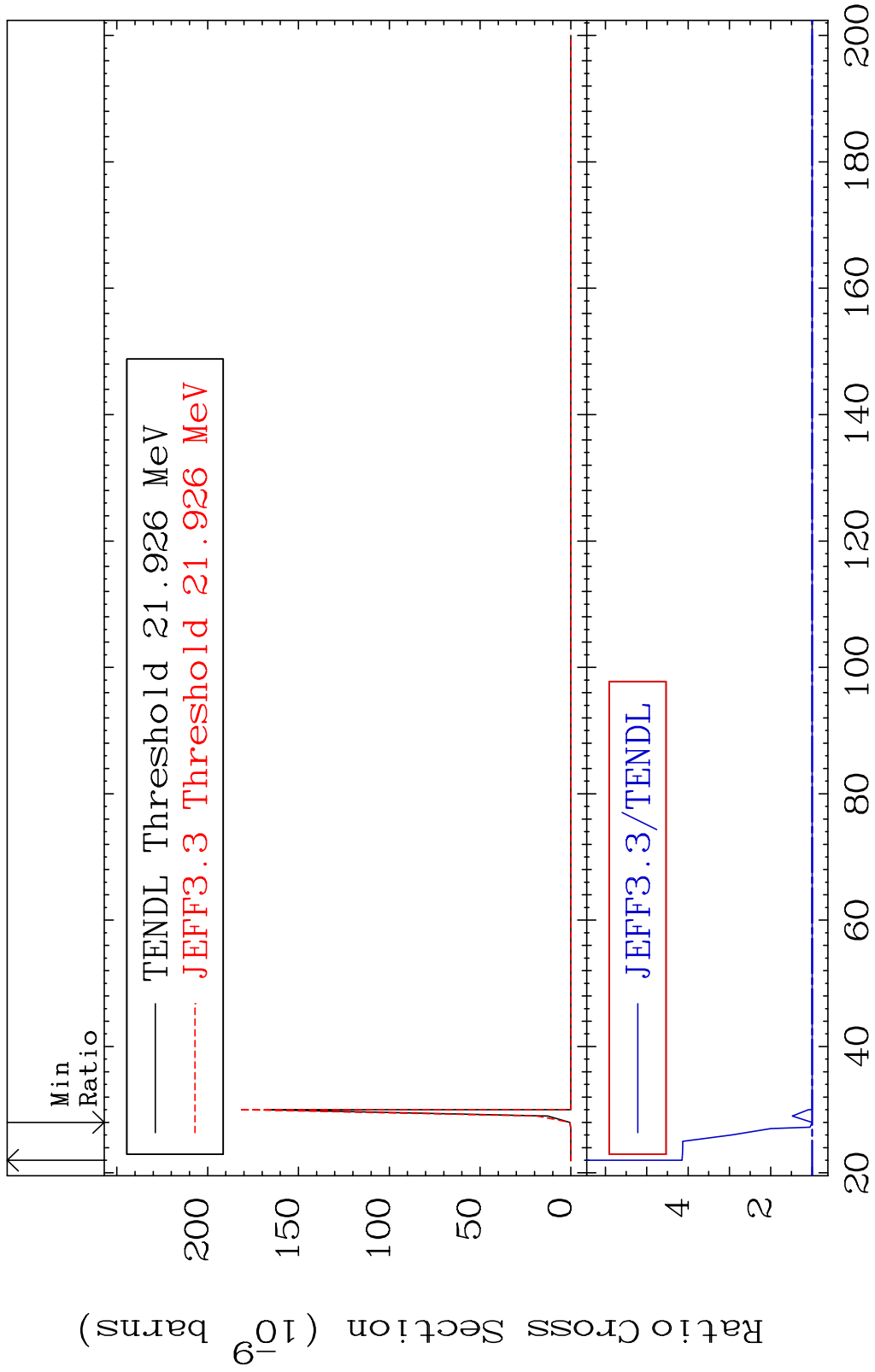


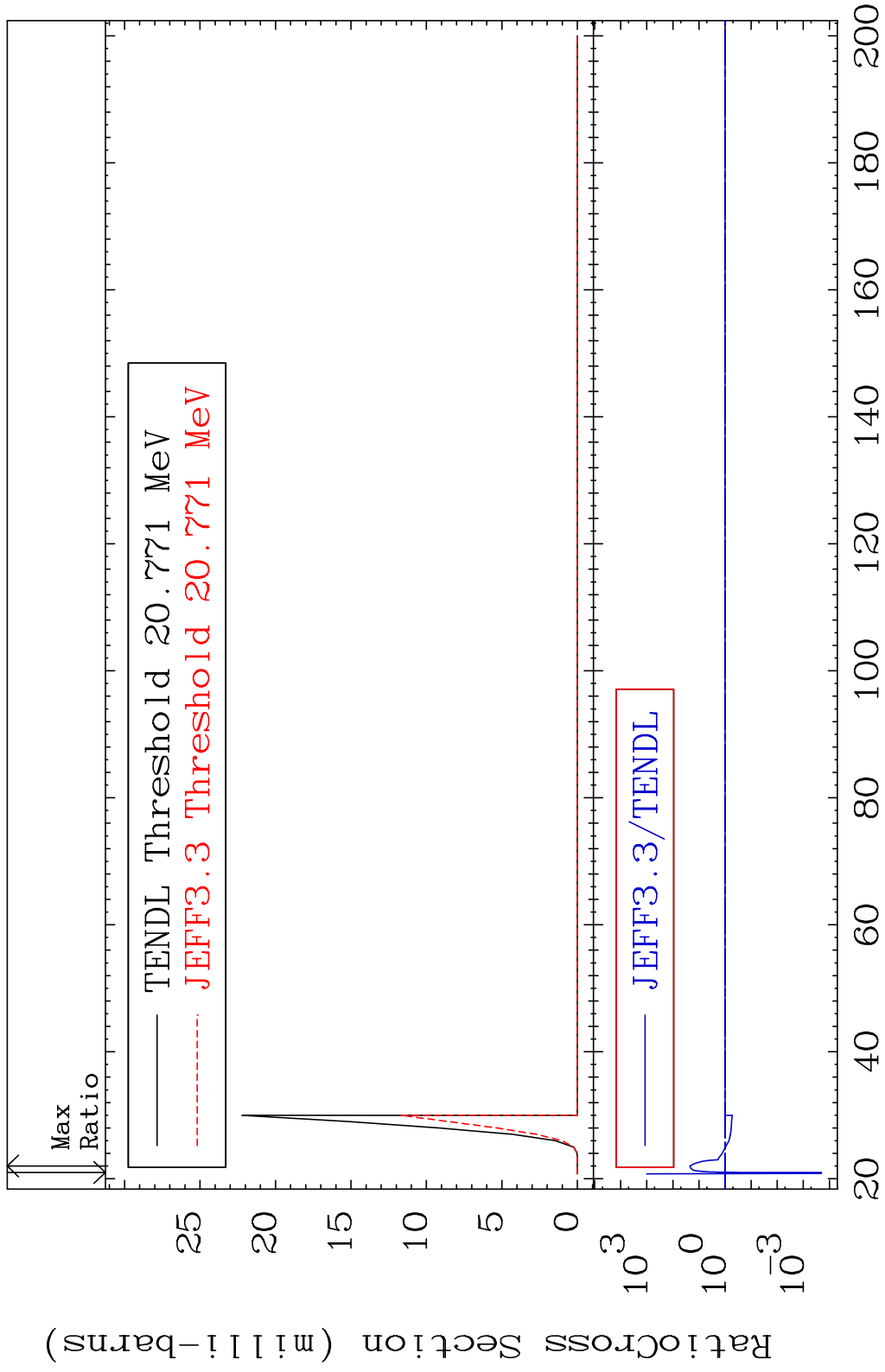




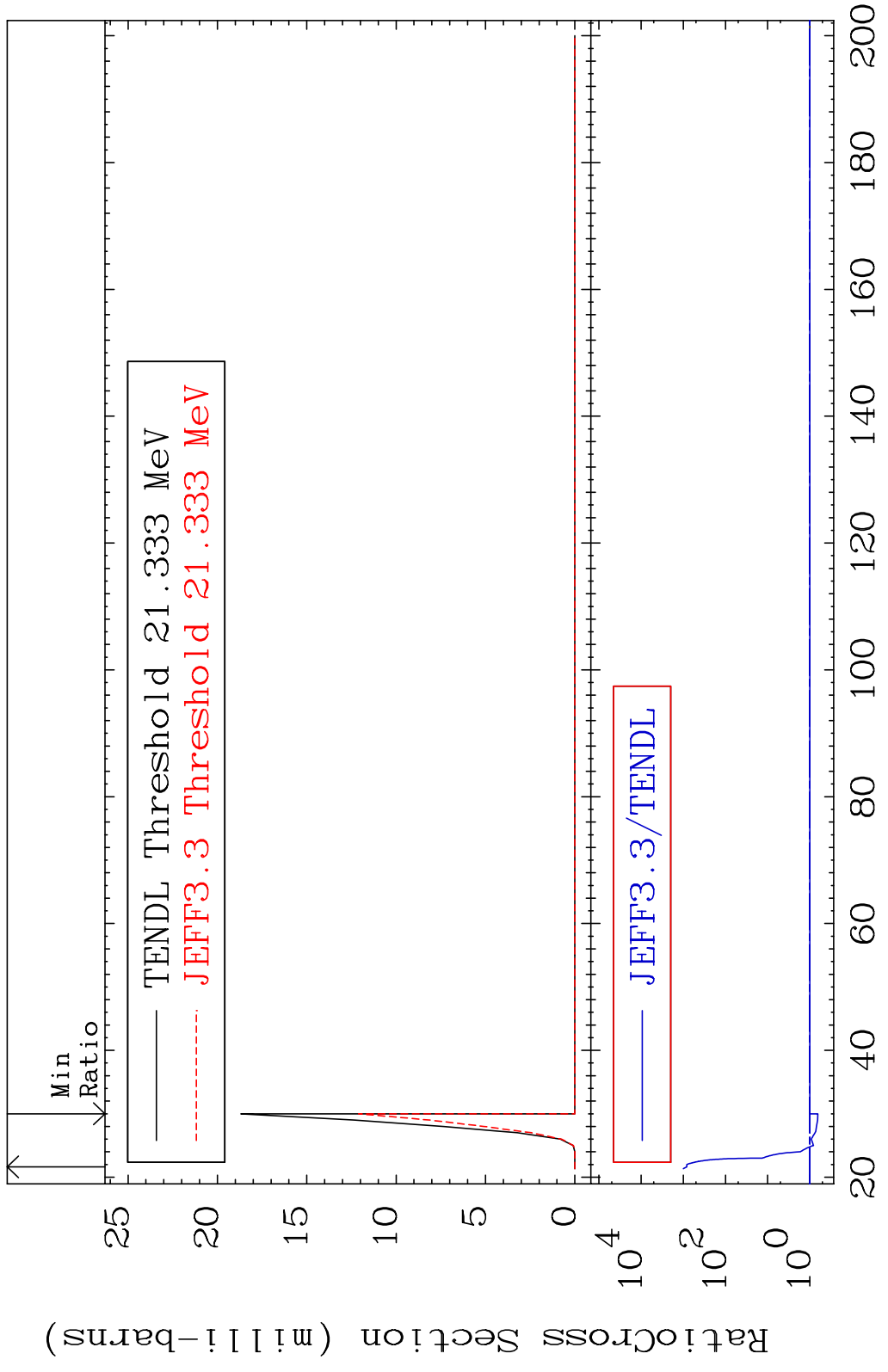




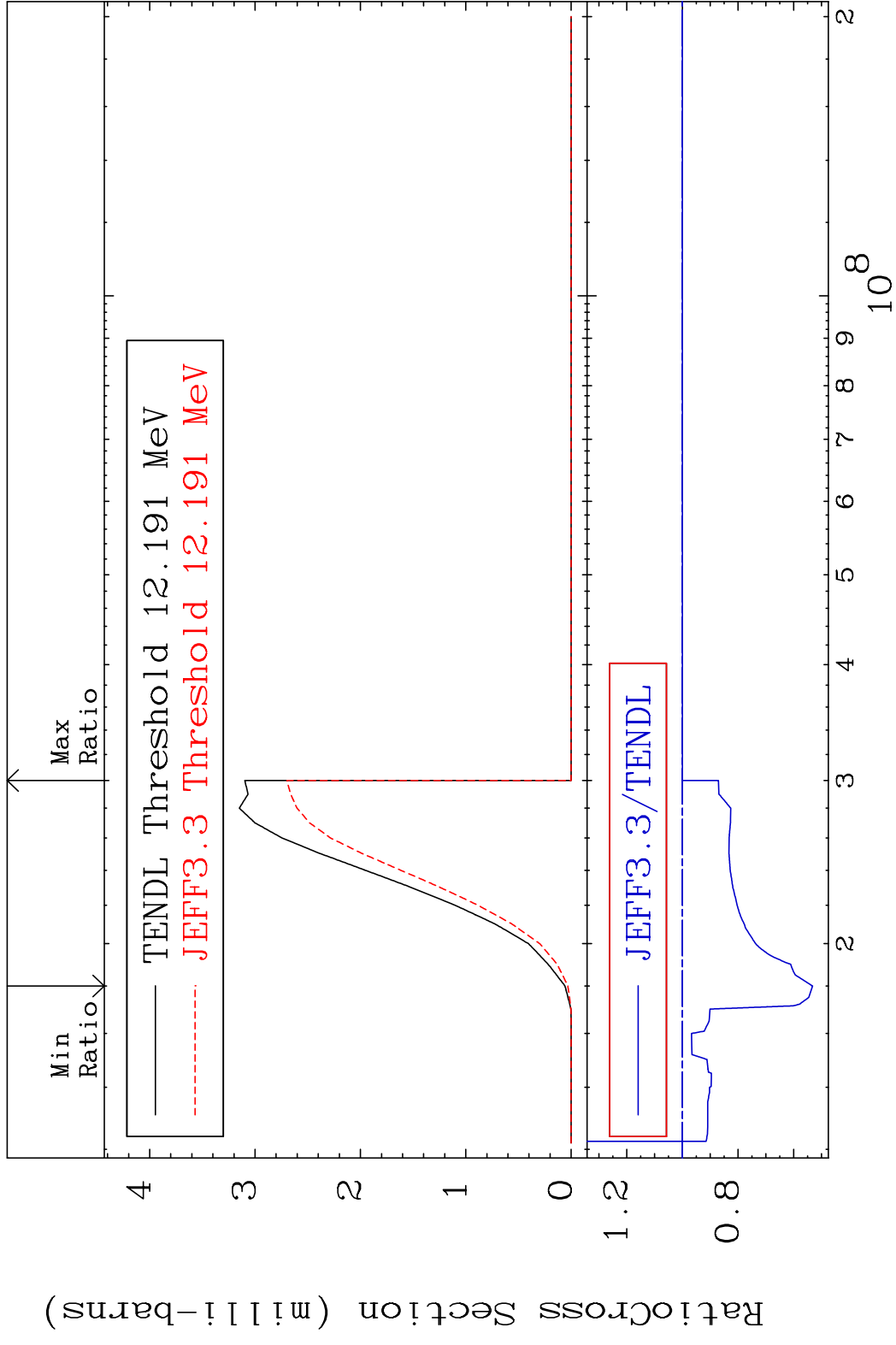


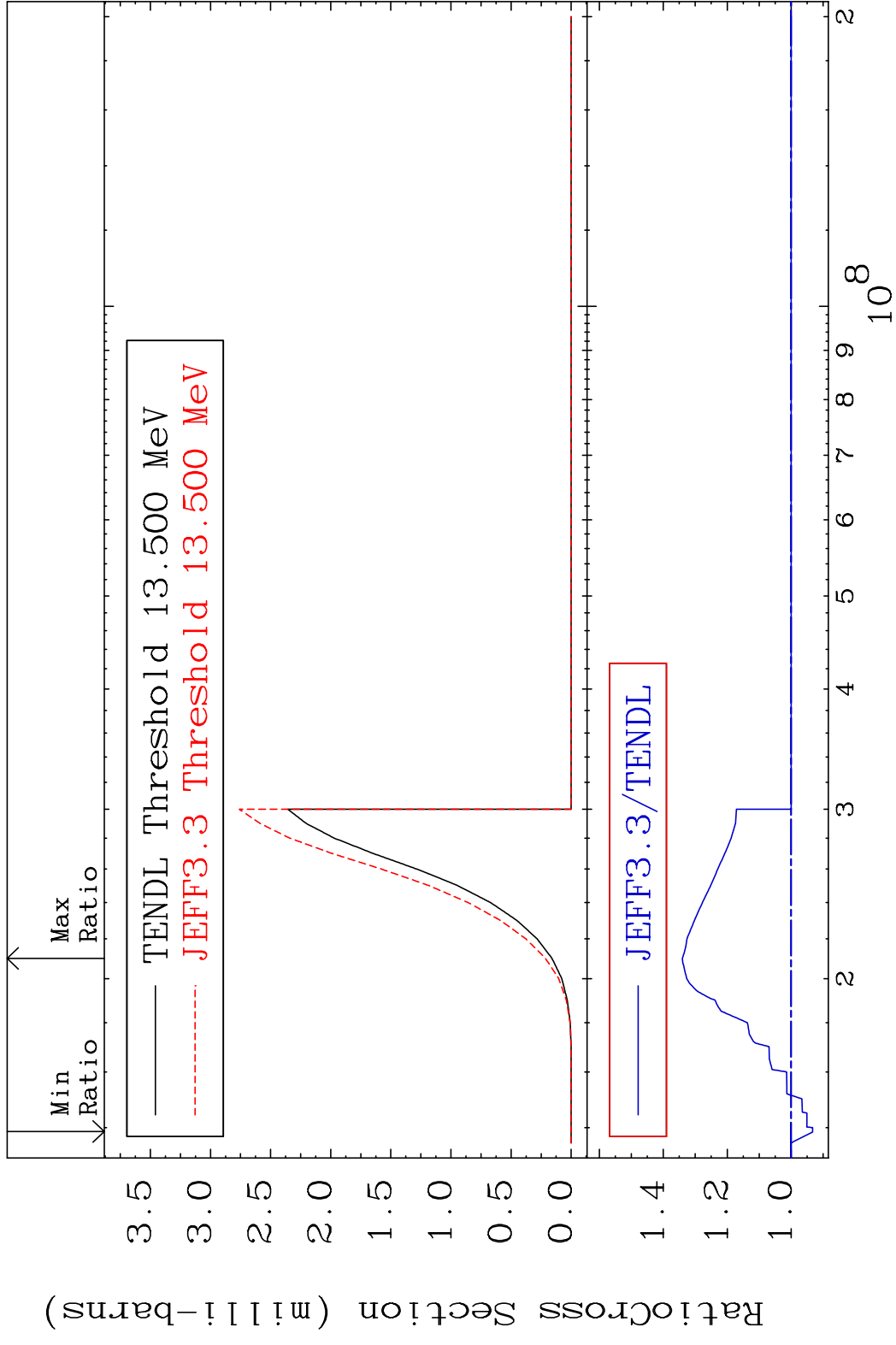


MAT 3837 (n,2n) p:37-Rb-86m2 38-Sr-88
 Radionuclide Production Cross Section 9999. %

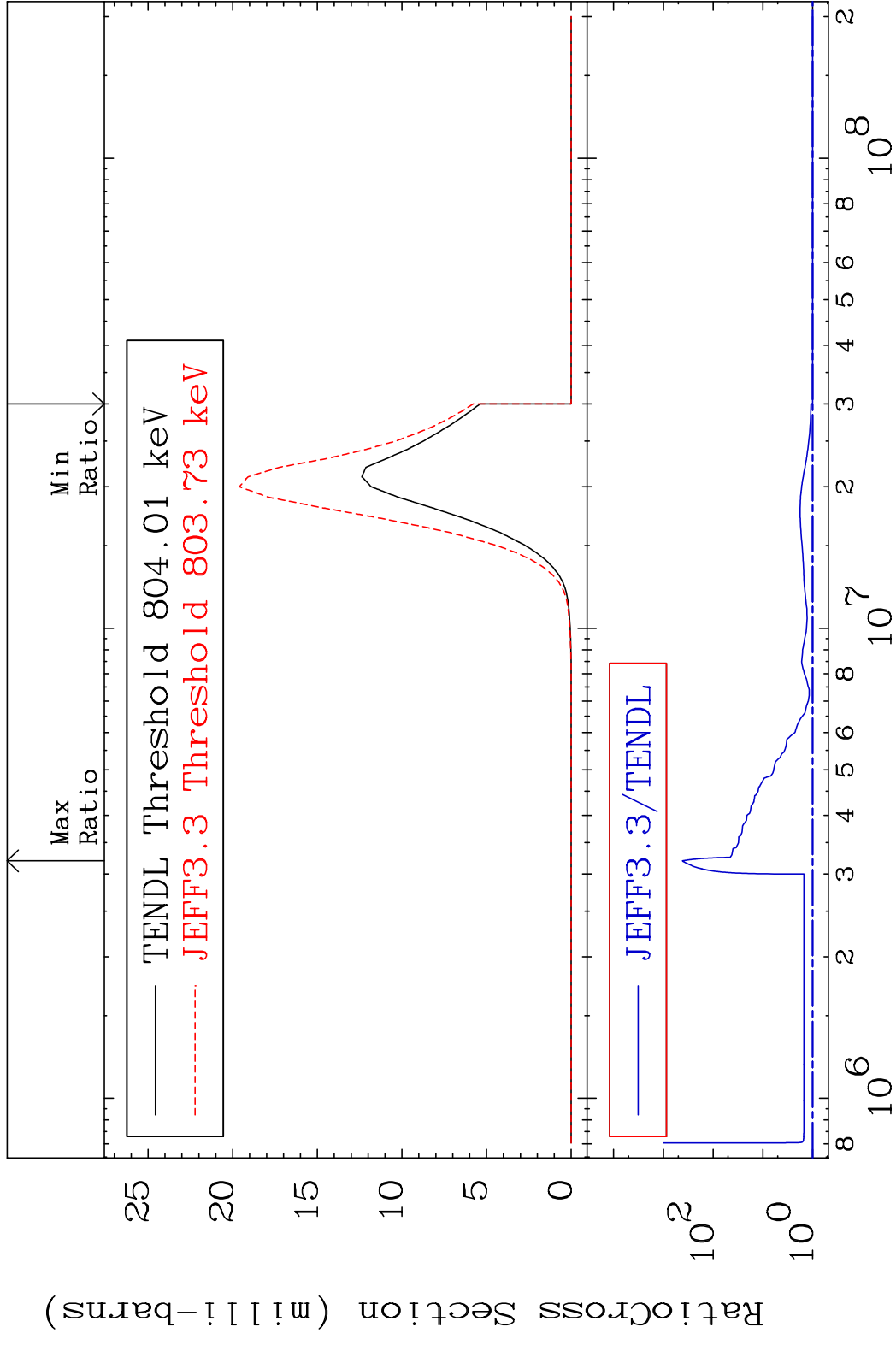


MAT 3837 (n, t):37-Rb-86g 38-Sr-88
 Radionuclide Production Cross Section 0.000 %



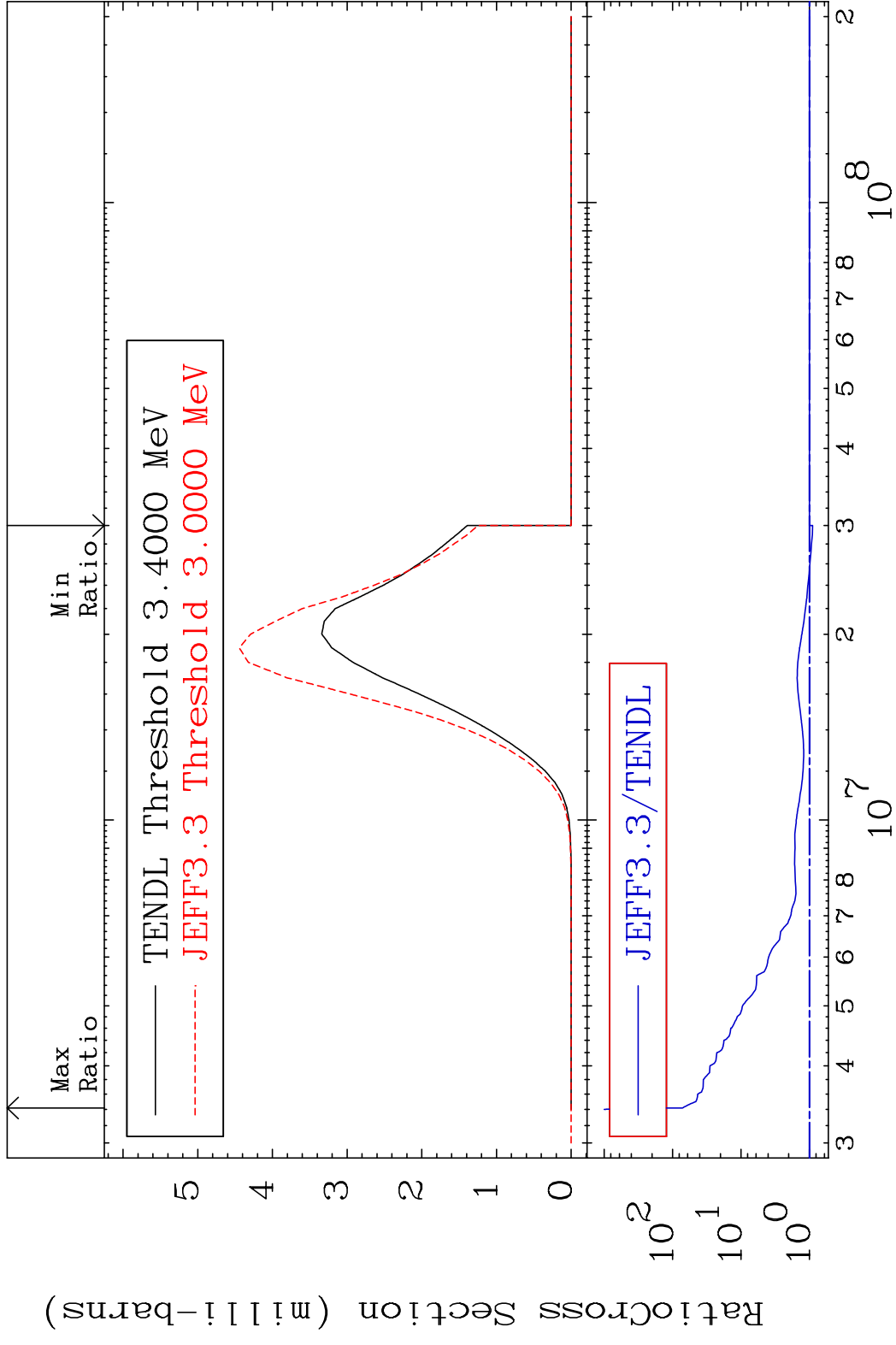


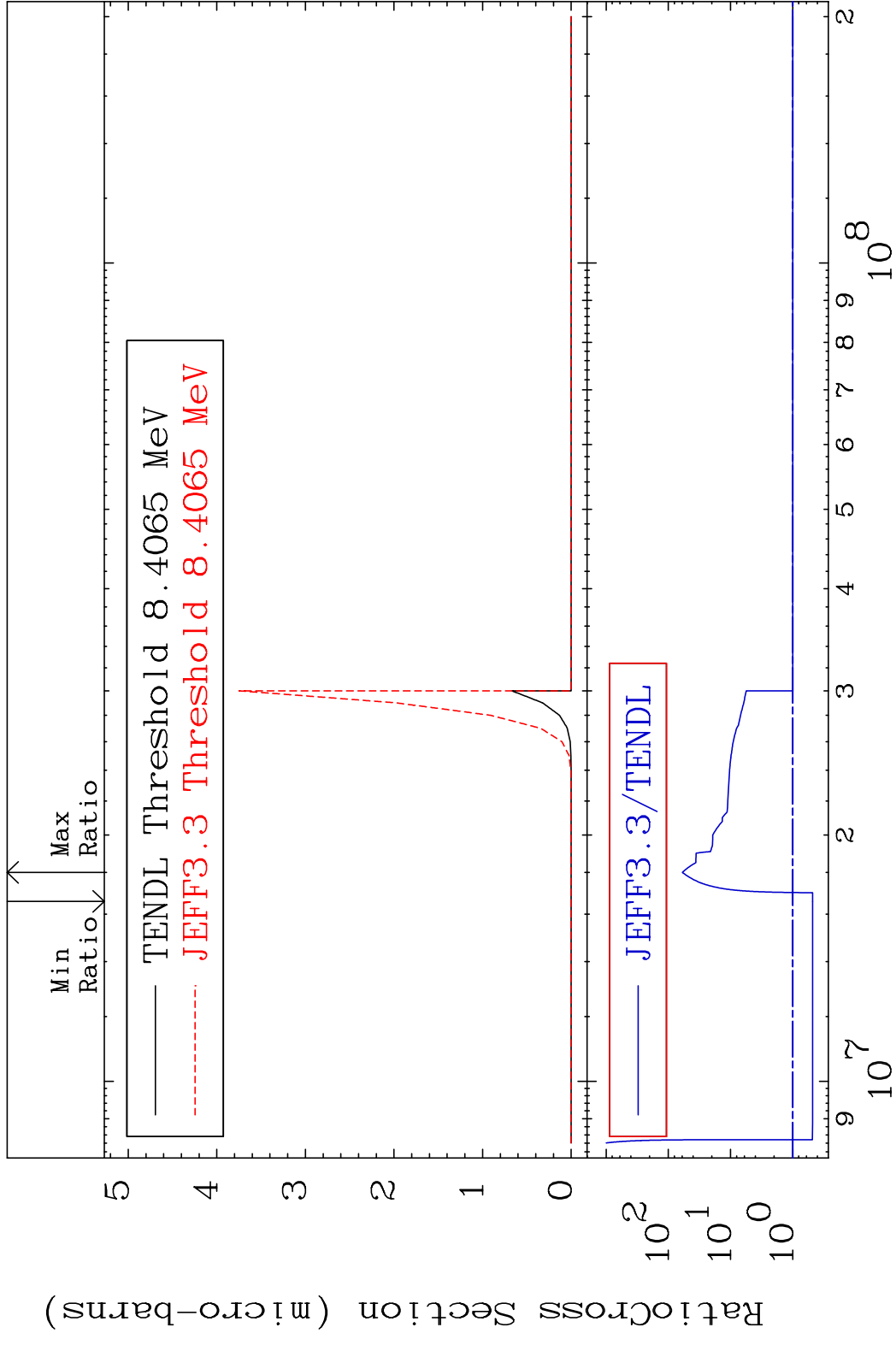
MAT 3837 (n, α):36-Kr-85g 38-Sr-88
 Radionuclide Production Cross Section 9999. %



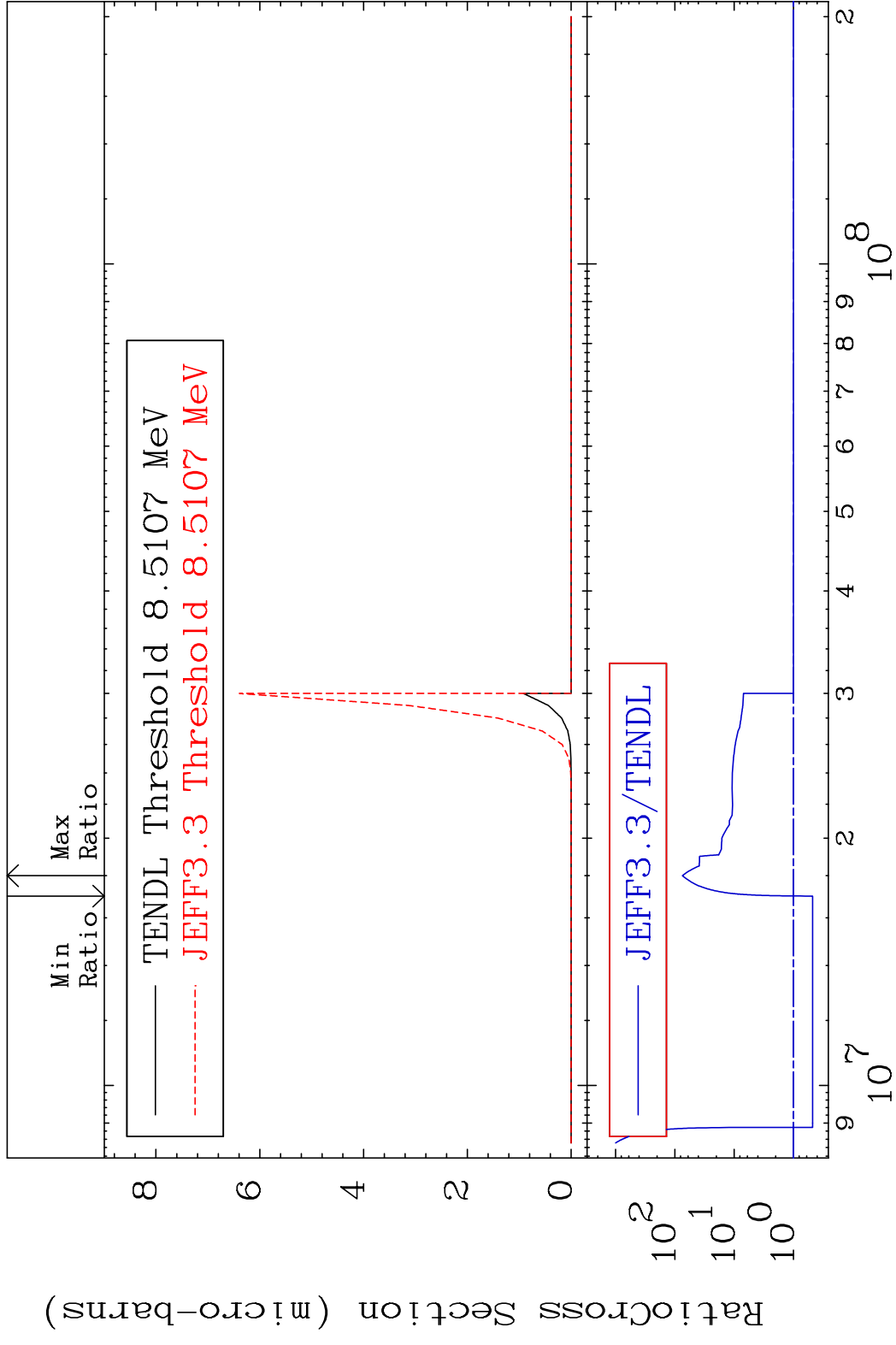
87 Incident Energy (eV) 38-Sr-88

MAT 3837 (n,α):36-Kr-85m1 38-Sr-88
 Radionuclide Production Cross Section 7095. %

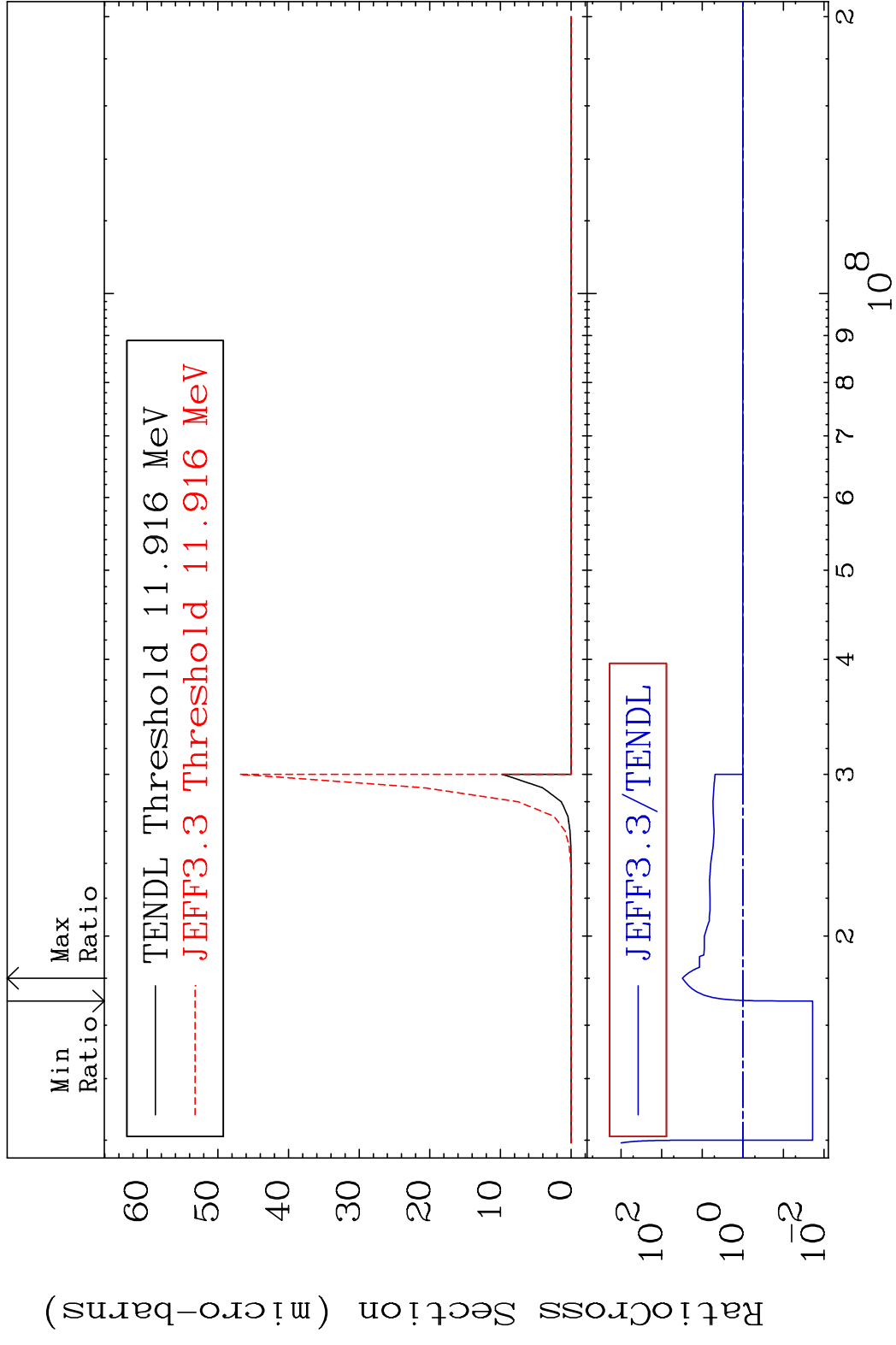


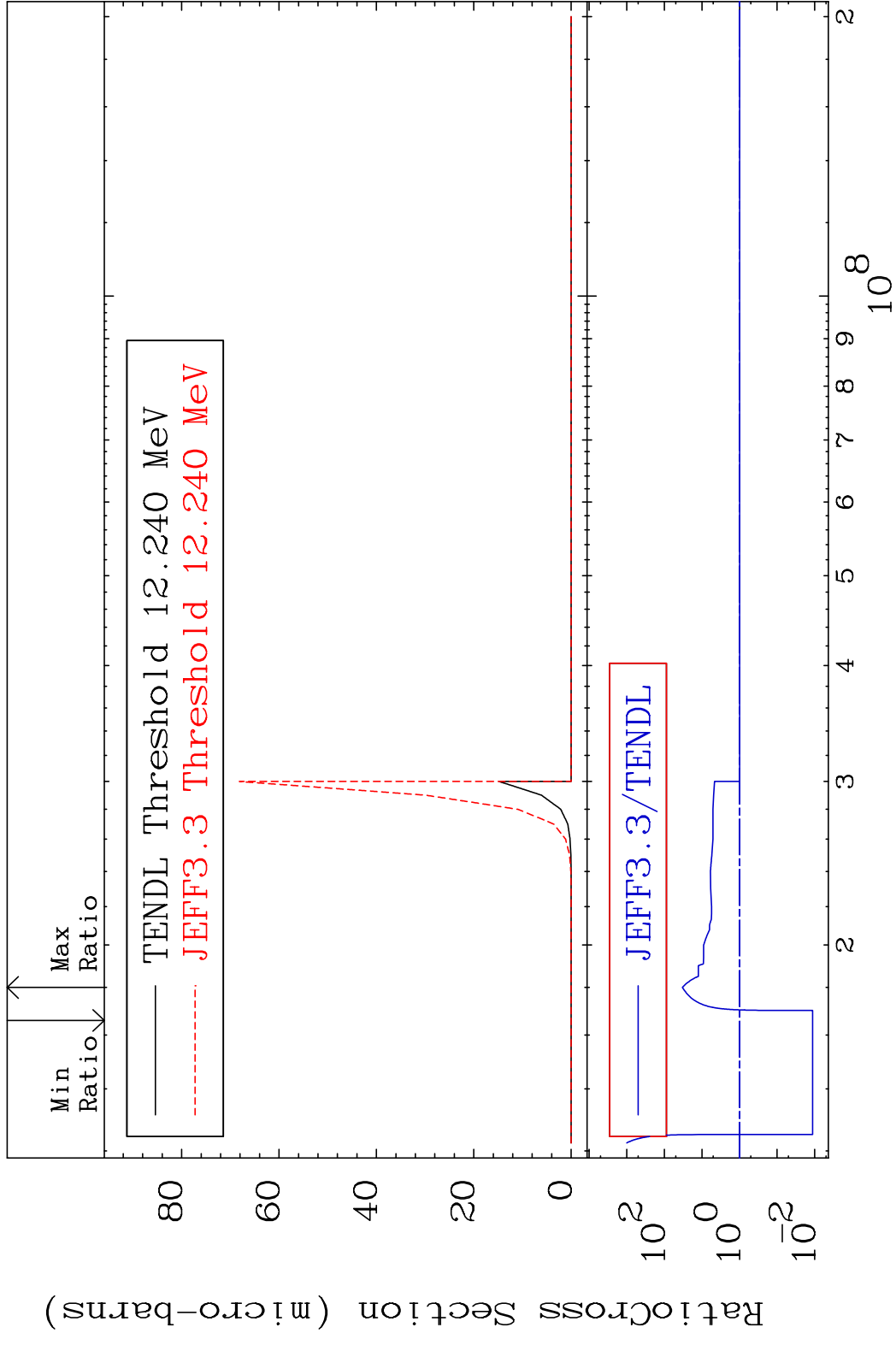


MAT 3837 (n,2α):34-Se-81m1 38-Sr-88
 Radionuclide Production Cross Section 52e331d10 7372. %



90 Incident Energy (eV) 38-Sr-88





MAT 3837 (n, p) t:36-Kr-85g 38-Sr-88
 Radionuclide Production Cross Section 18e39/dto 94.09 %

