

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

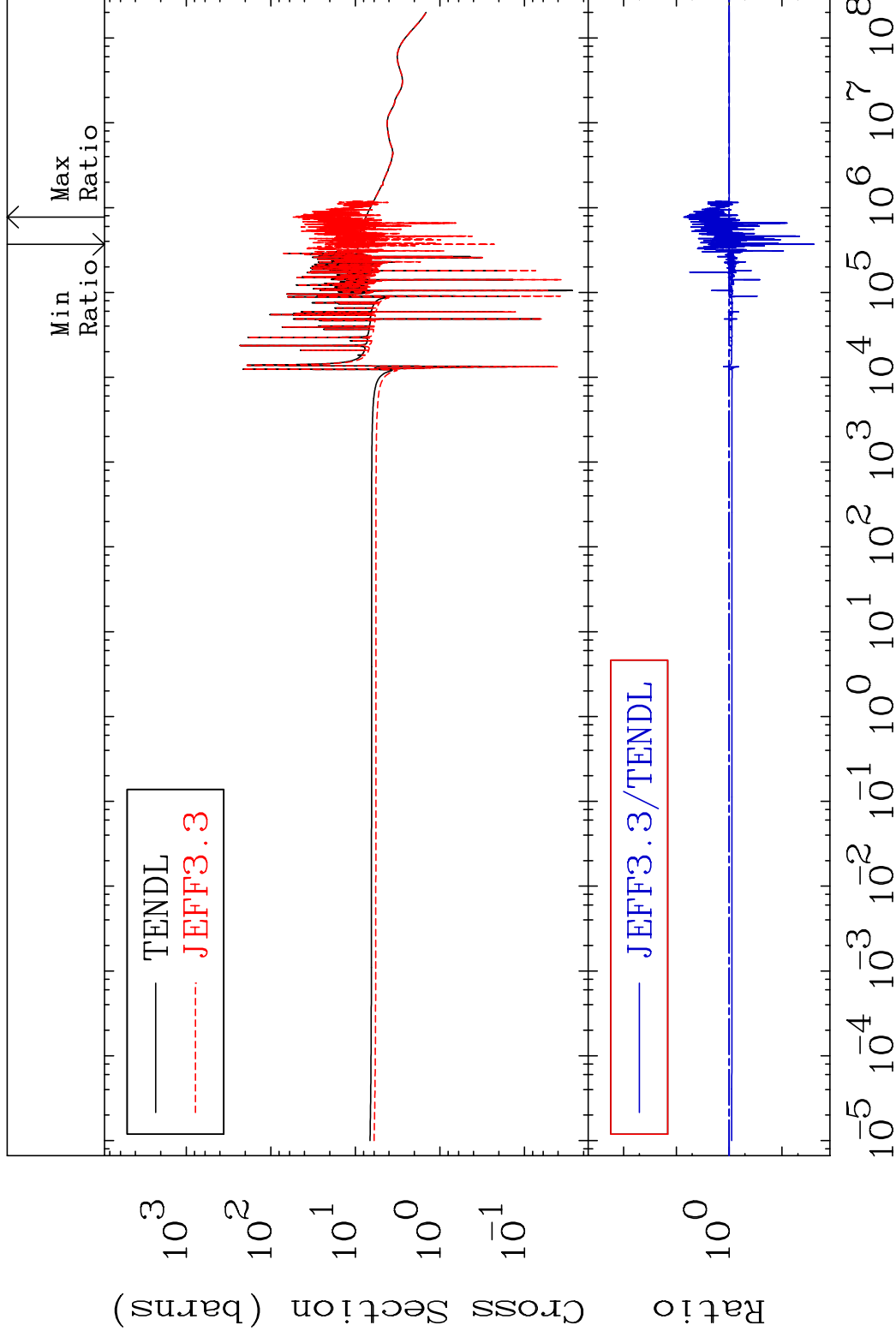
MAT 3837

Total

38-Sr-88

Cross Section

-97.54 To 626.7 %



1

Incident Energy (eV)

38-Sr-88

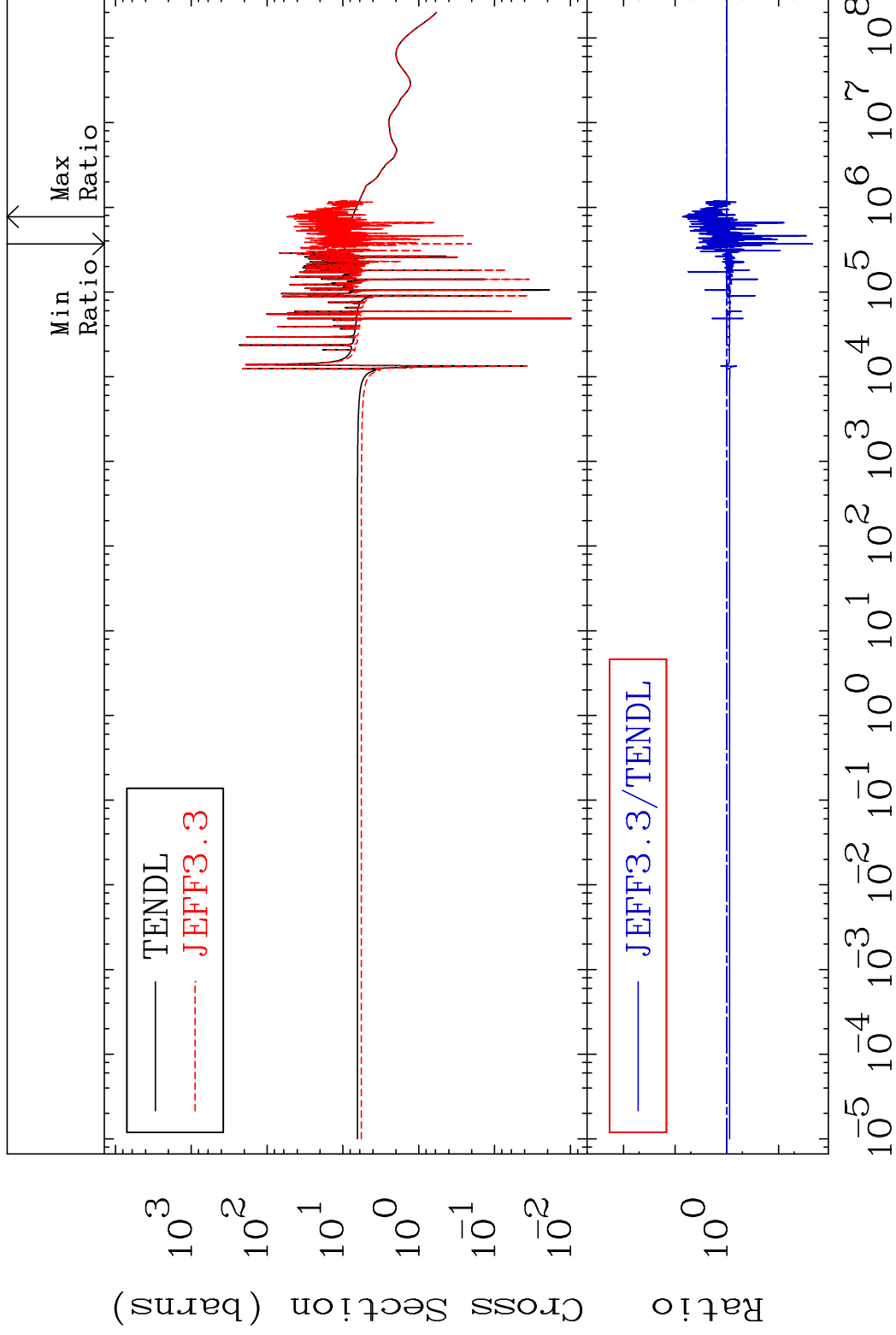
MAT 3837

Elastic

38-Sr-88

Cross Section

-97.79 To 626.8 %



2

Incident Energy (eV)

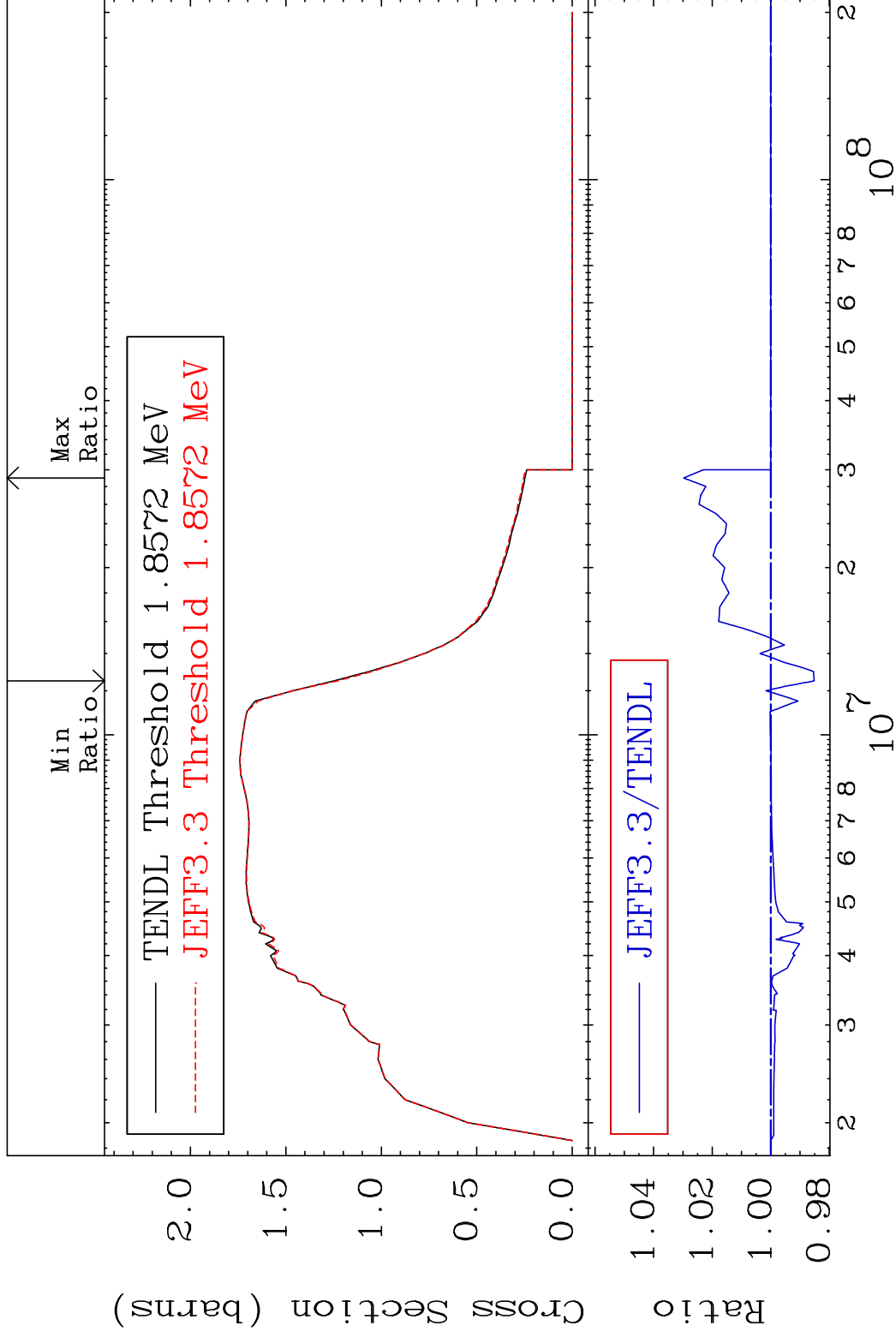
38-Sr-88

MAT 3837

Inelastic

38-Sr-88

Cross Section -1.480 To 2.975 %



3

Incident Energy (eV)

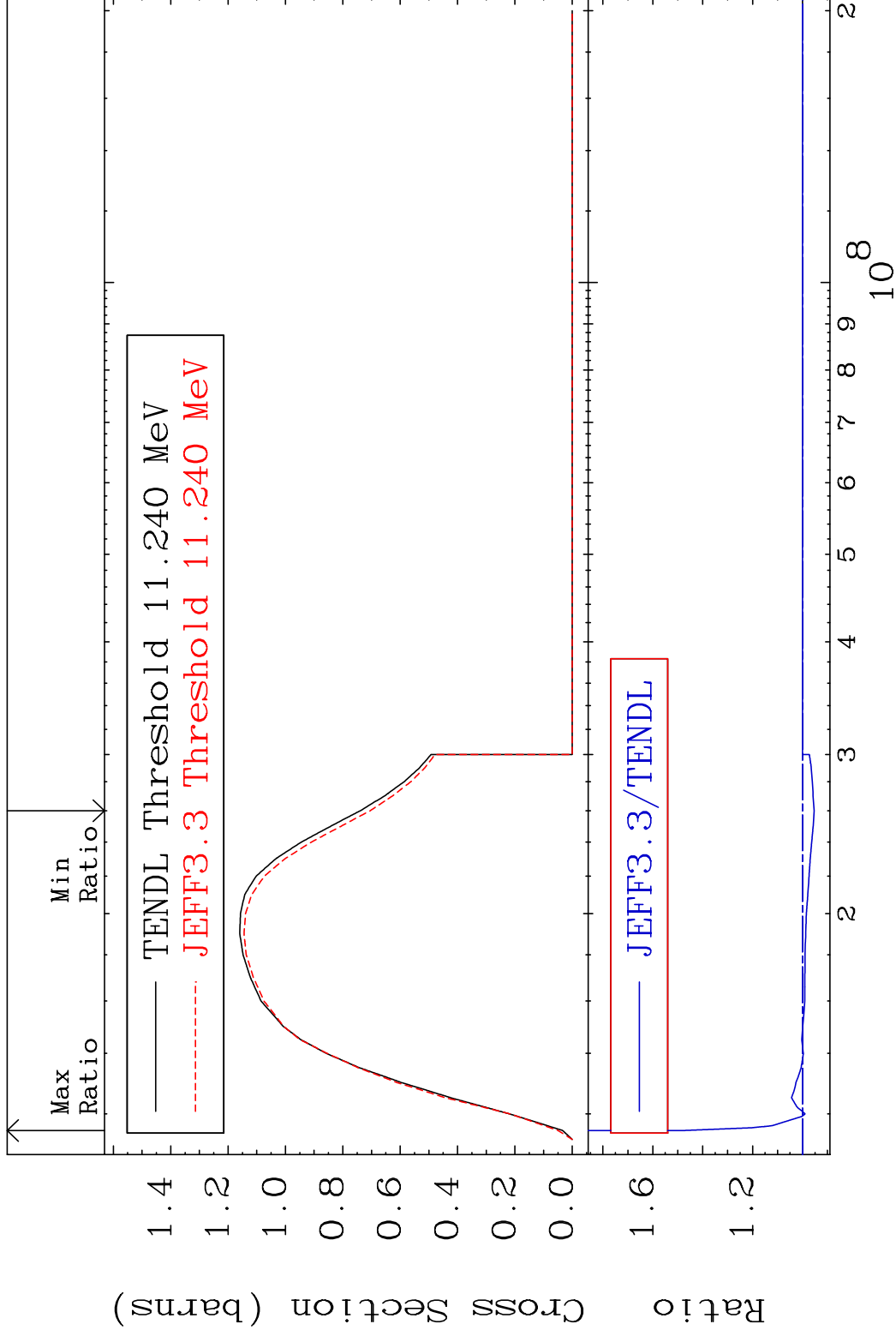
38-Sr-88

MAT 3837

(n,2n)

38-Sr-88

Cross Section -4.645 To 47.64 %



5

Incident Energy (eV)

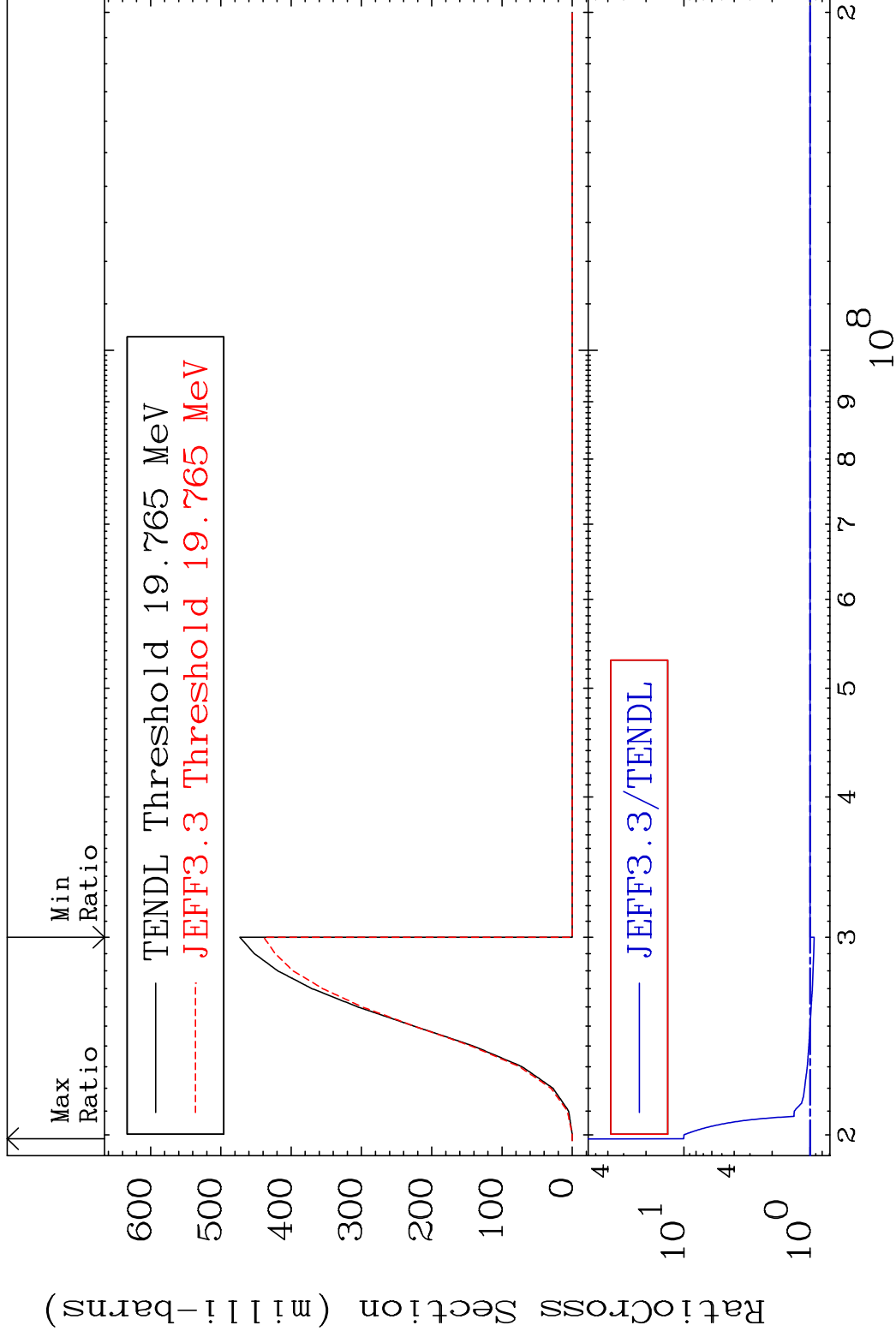
38-Sr-88

MAT 3837

(n,3n)

38-Sr-88

Cross Section -7.182 To 904.2 %

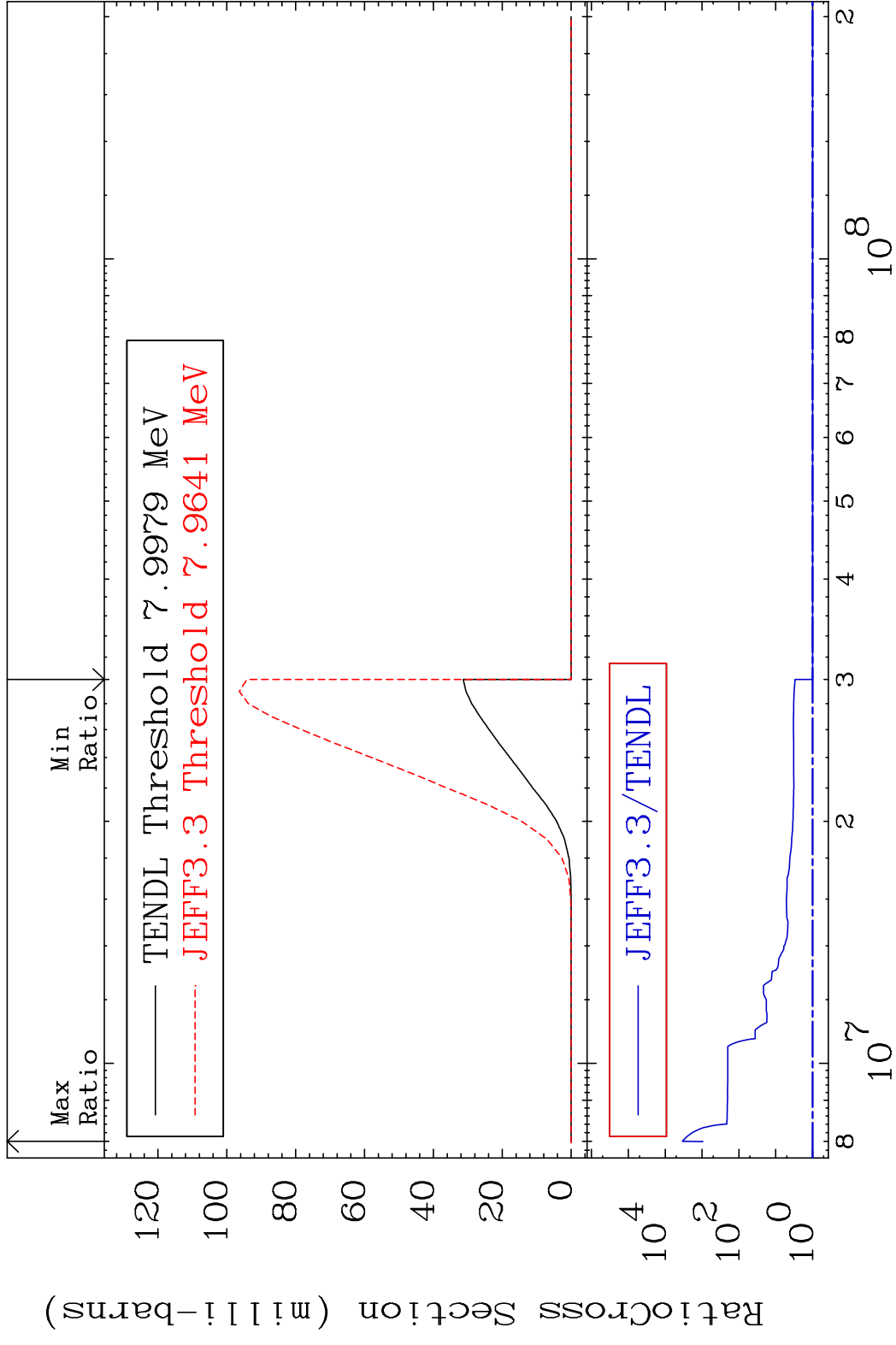


6

Incident Energy (eV)

38-Sr-88

MAT 3837 $(n, n') \alpha$ 38-Sr-88
 Cross Section 0.000 To 9999. %



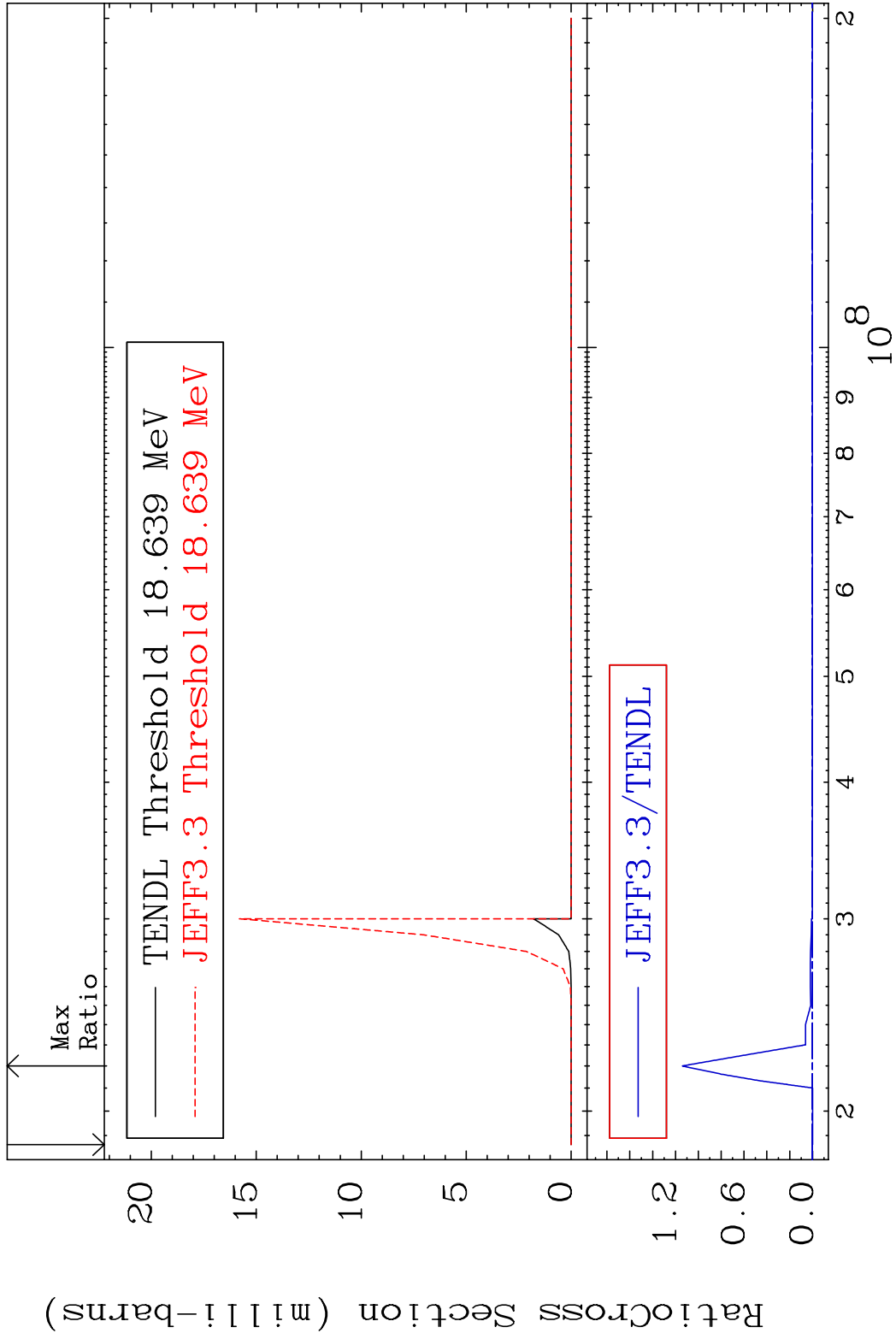
7 Incident Energy (eV) 38-Sr-88

MAT 3837

(n,2n) α

38-Sr-88

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

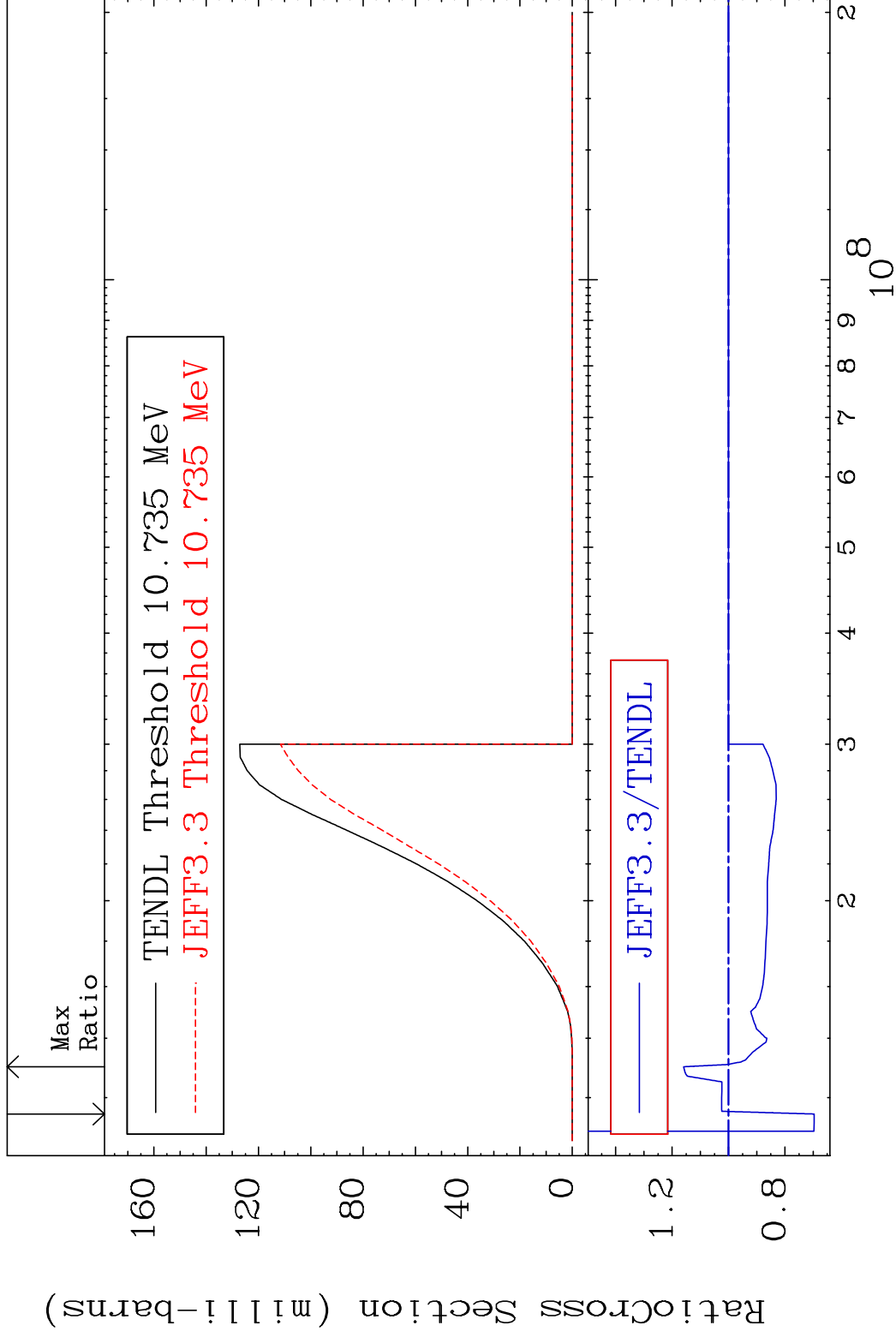
38-Sr-88

MAT 3837

(n, n') p

38-Sr-88

Cross Section -30.34 To 15.91 %

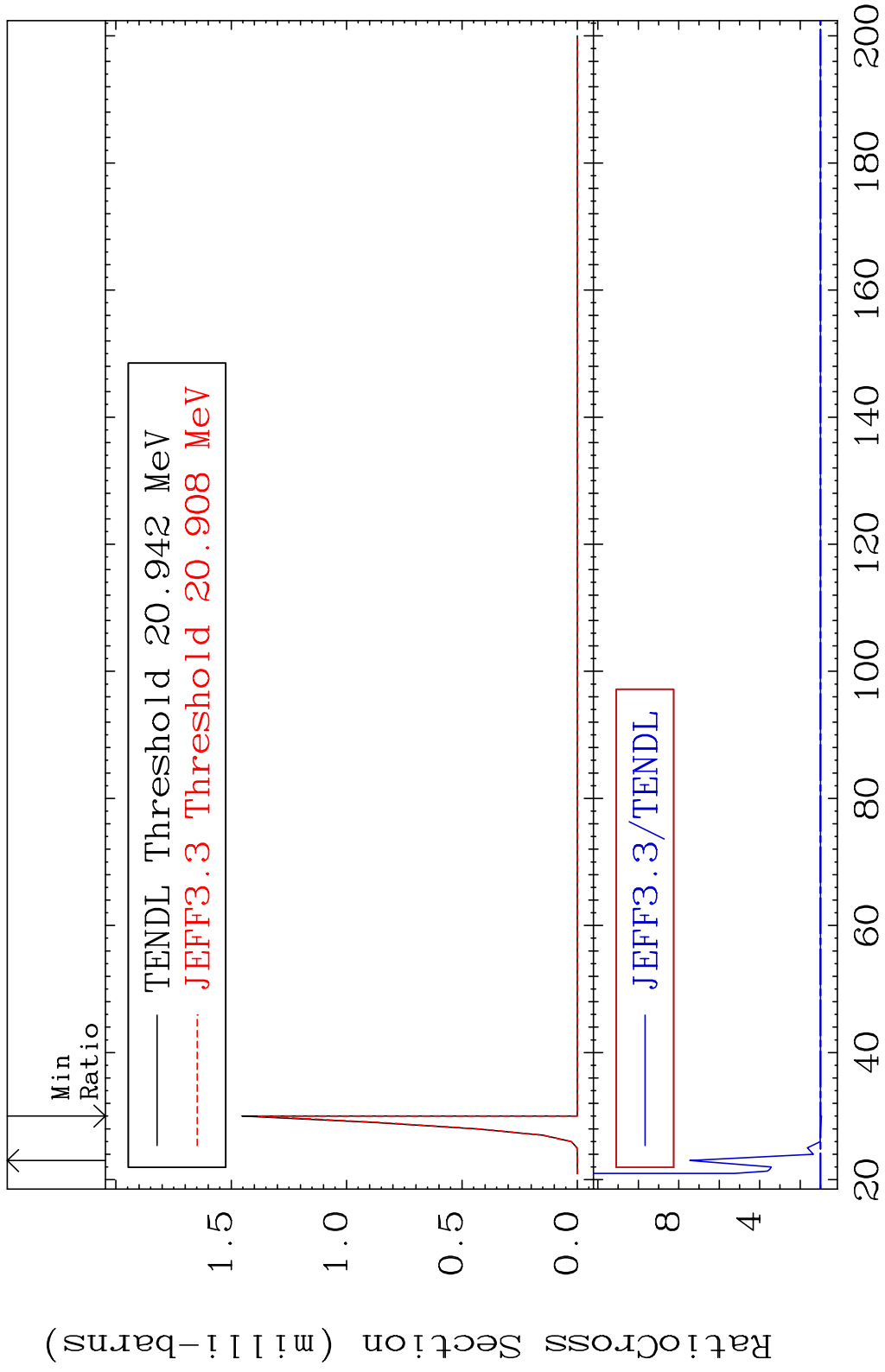


MAT 3837

(n, n') t

38-Sr-88

Cross Section -4.672 To 645.9 %

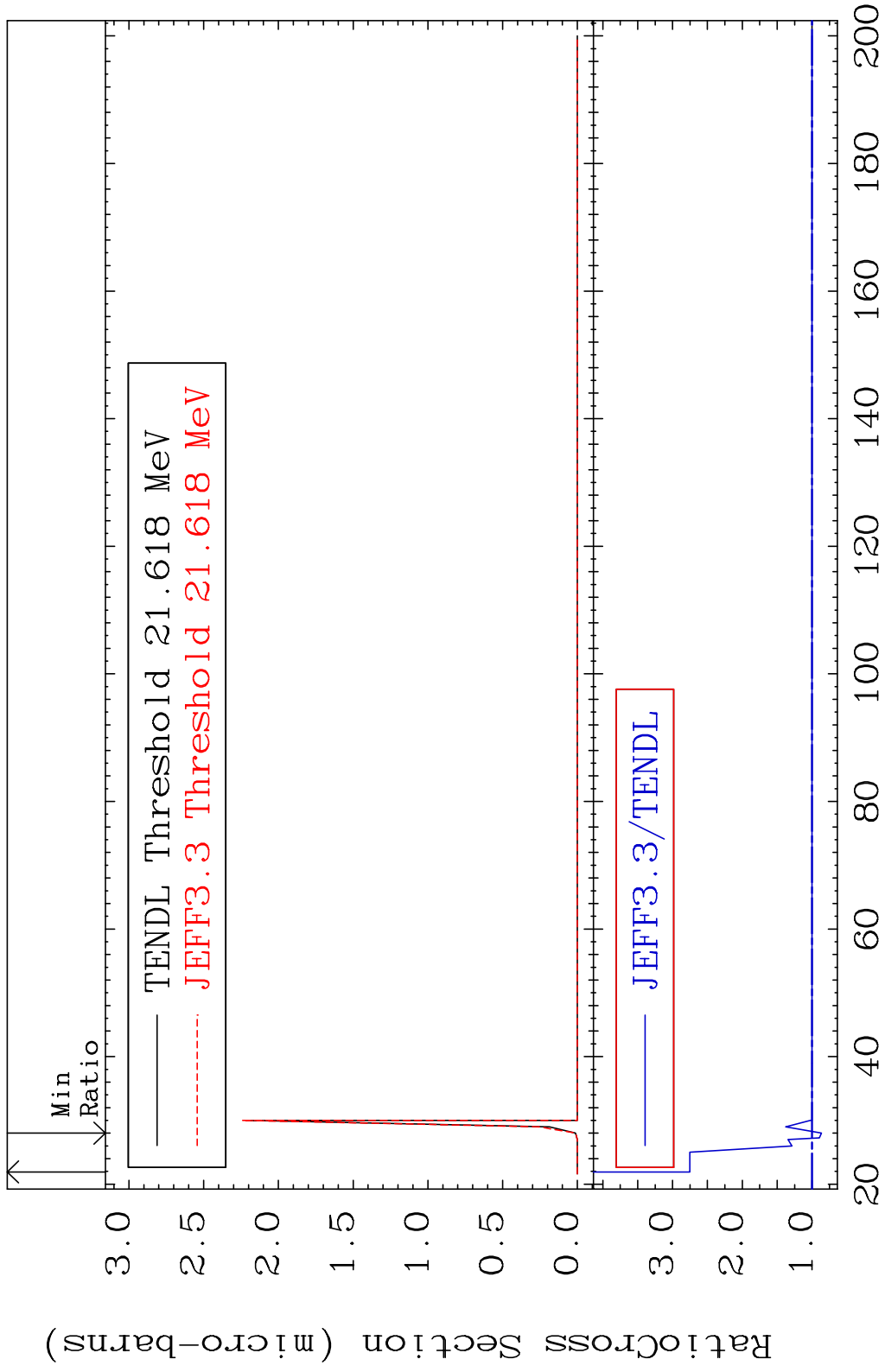


MAT 3837

(n,n') He-3

38-Sr-88

Cross Section -13.37 To 175.3 %



12

Incident Energy (MeV)

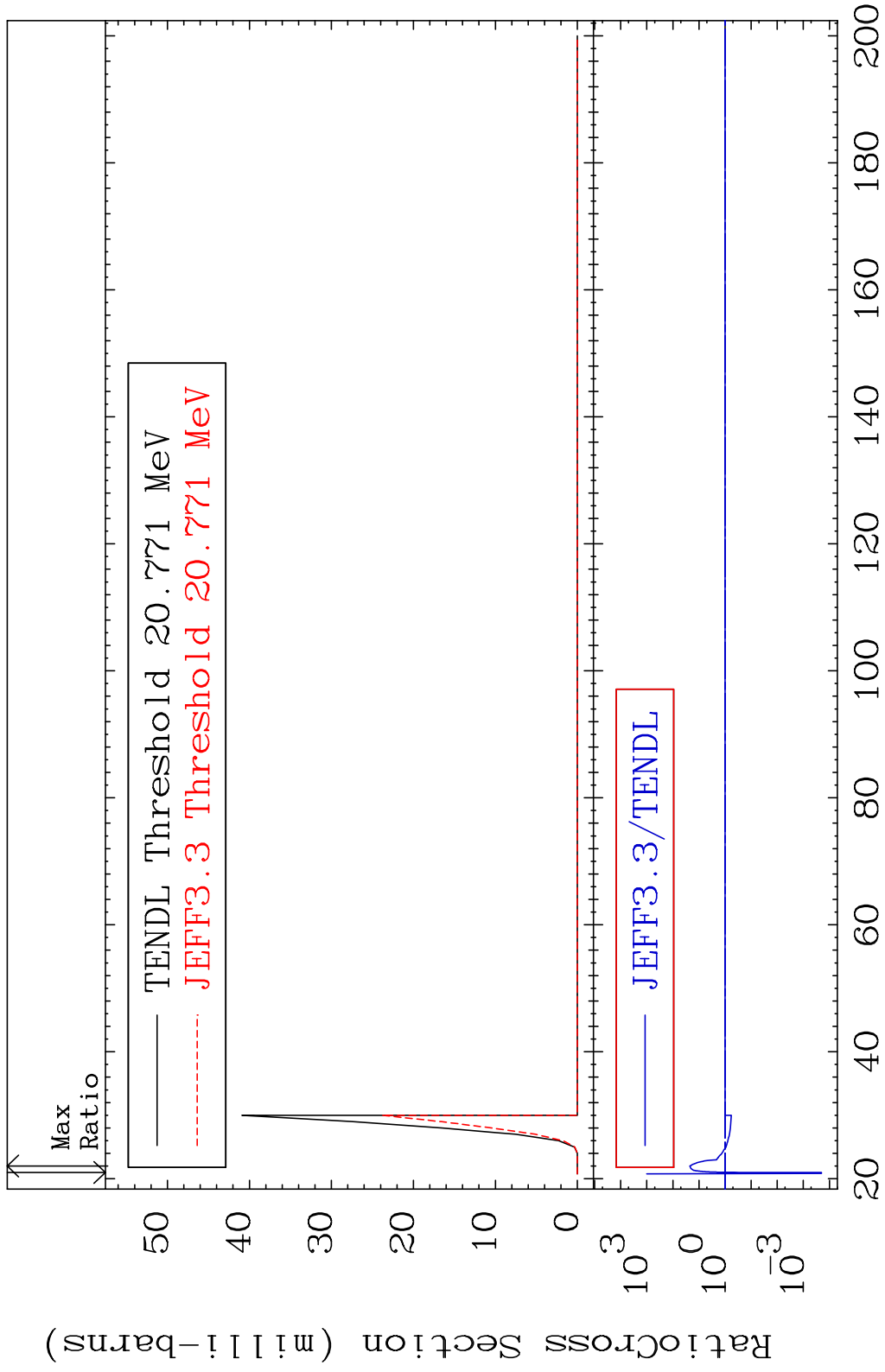
38-Sr-88

MAT 3837

(n,2n) p

38-Sr-88

Cross Section -99.98 To 2154. %

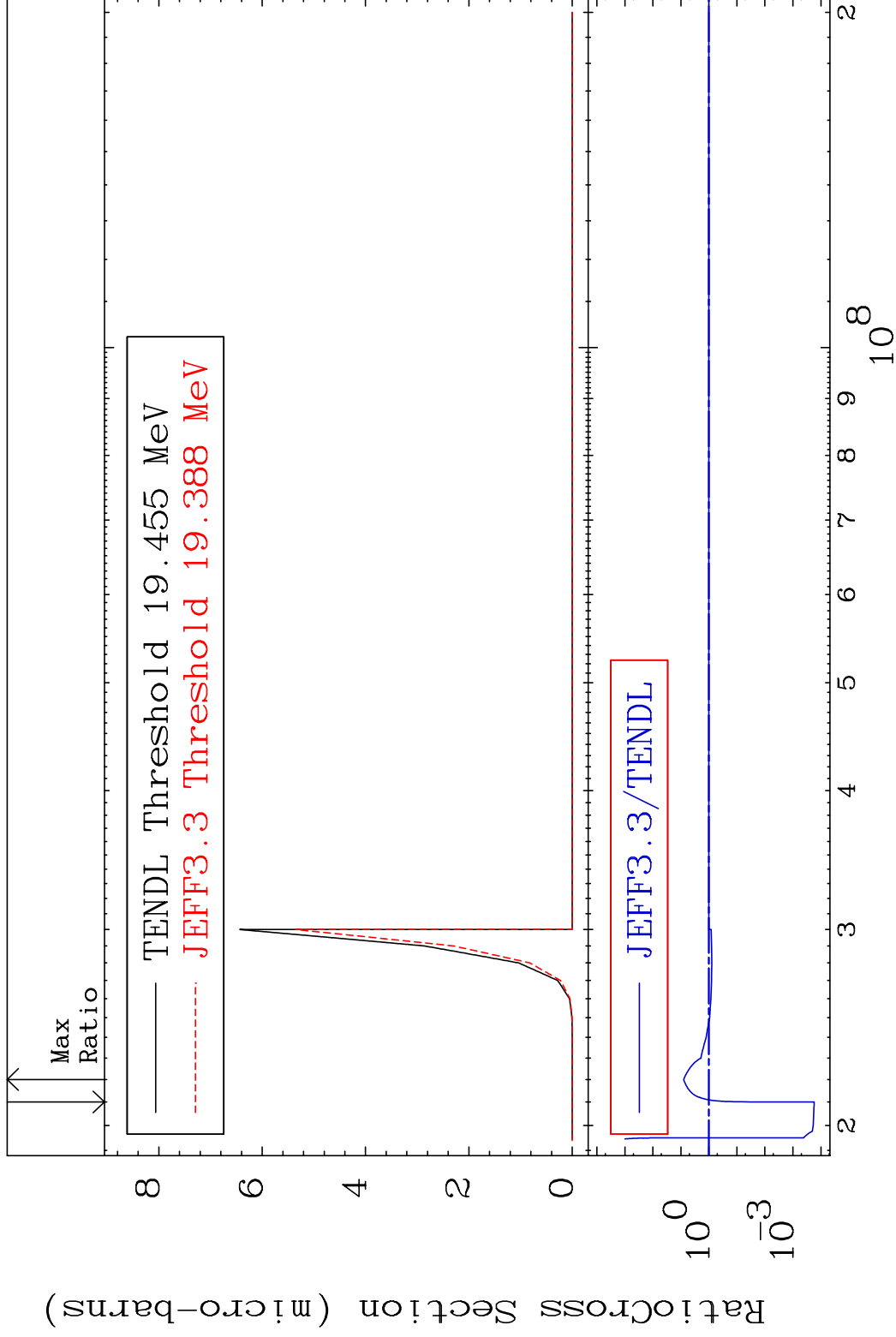


MAT 3837

(n,2n) p

38-Sr-88

Cross Section -99.98 To 699.6 %



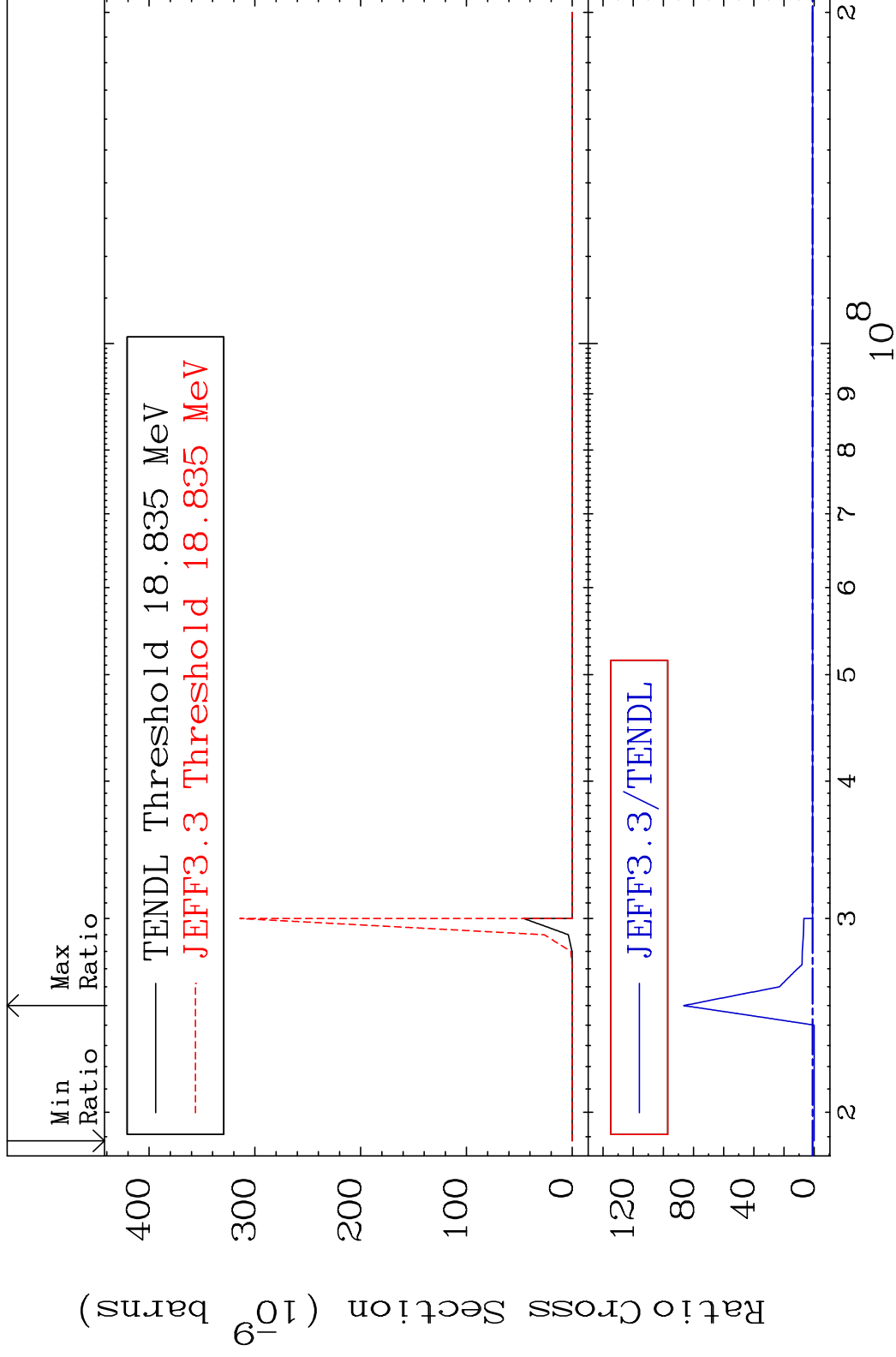
14

Incident Energy (eV)

38-Sr-88

MAT 3837

(n,n') p α 38-Sr-88
Cross Section -100.0 To 8554. %



15

Incident Energy (eV)

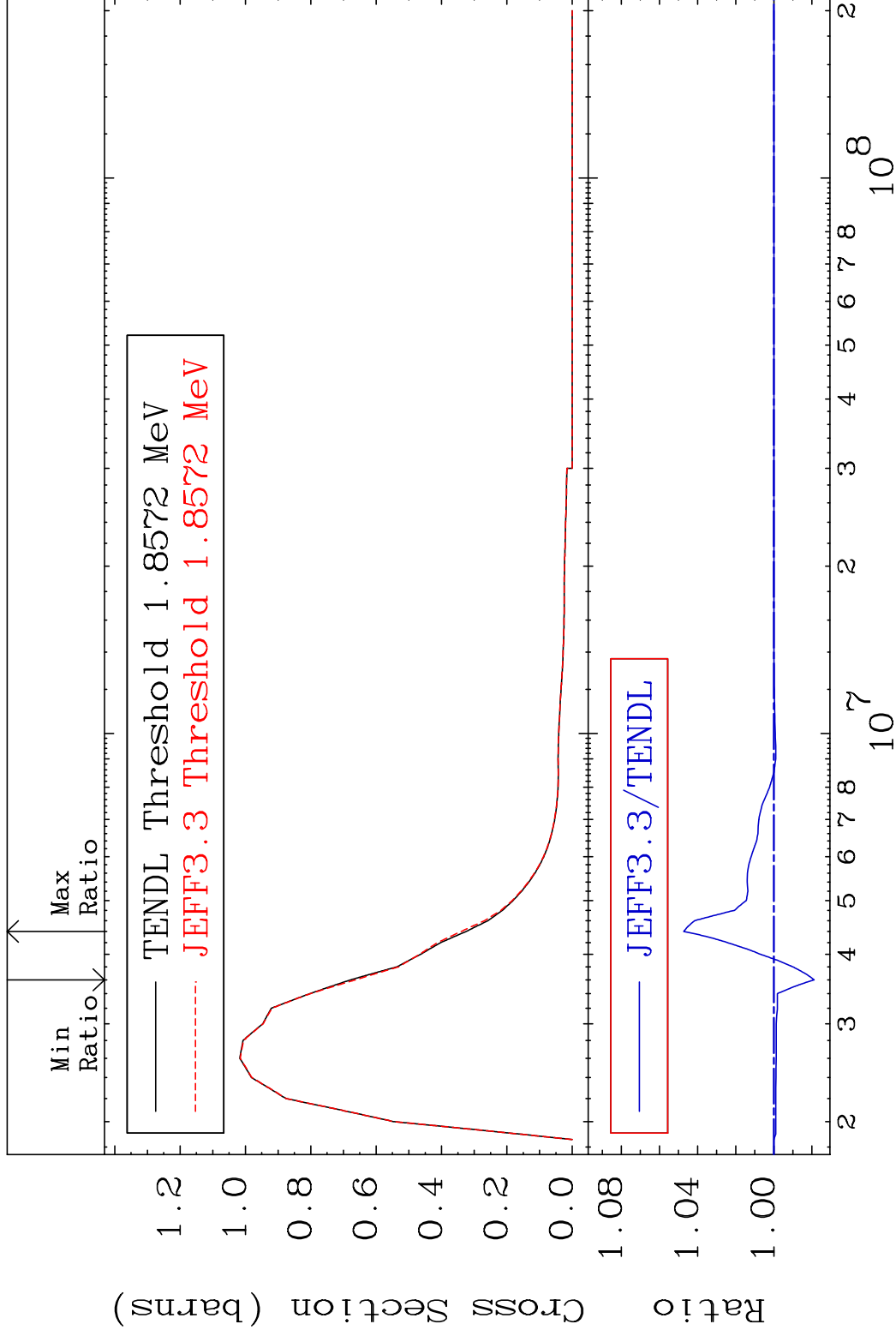
38-Sr-88

MAT 3837

MT= 51 (n,n') Level

38-Sr-88

Cross Section -2.113 To 4.730 %

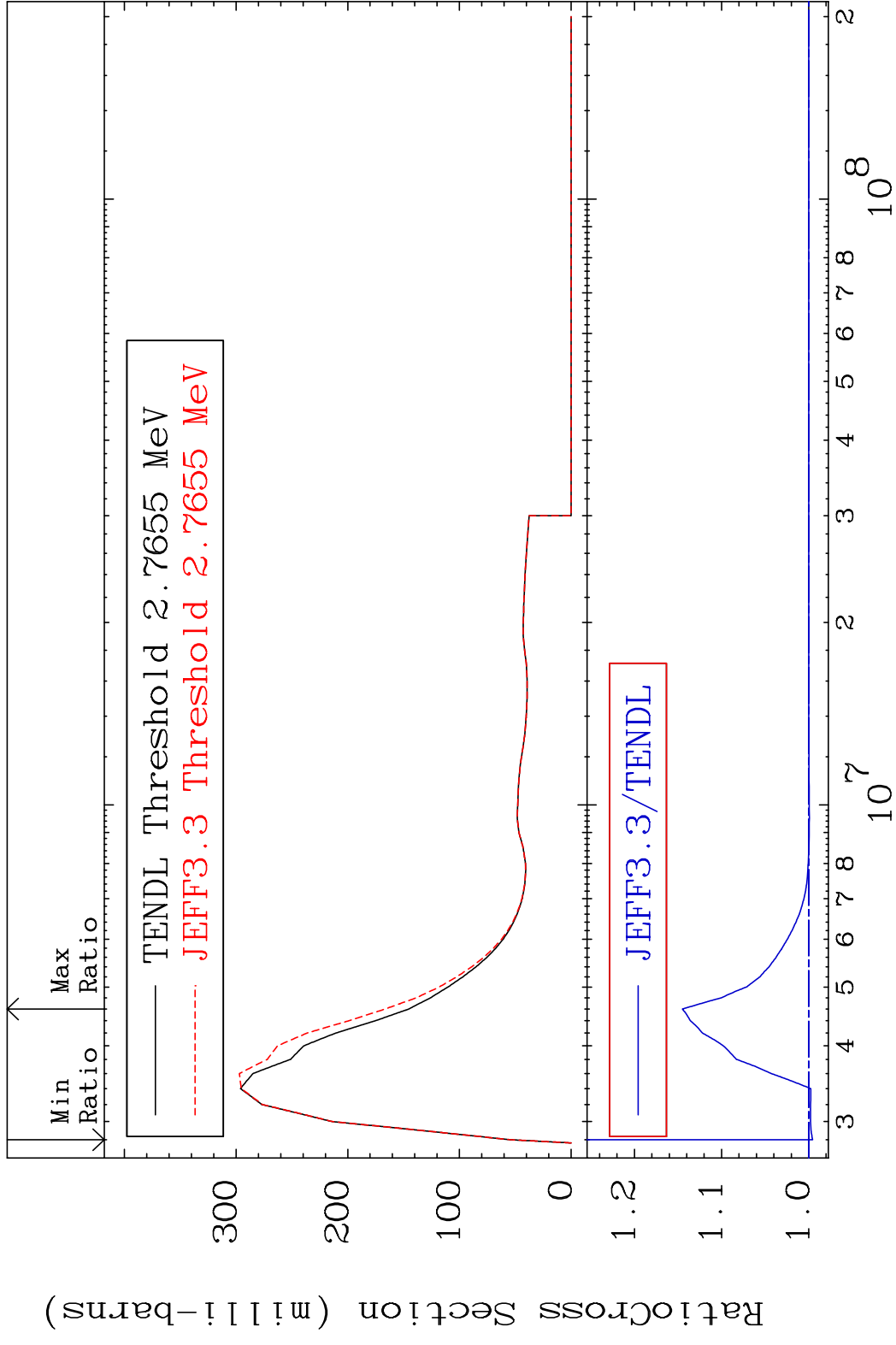


16

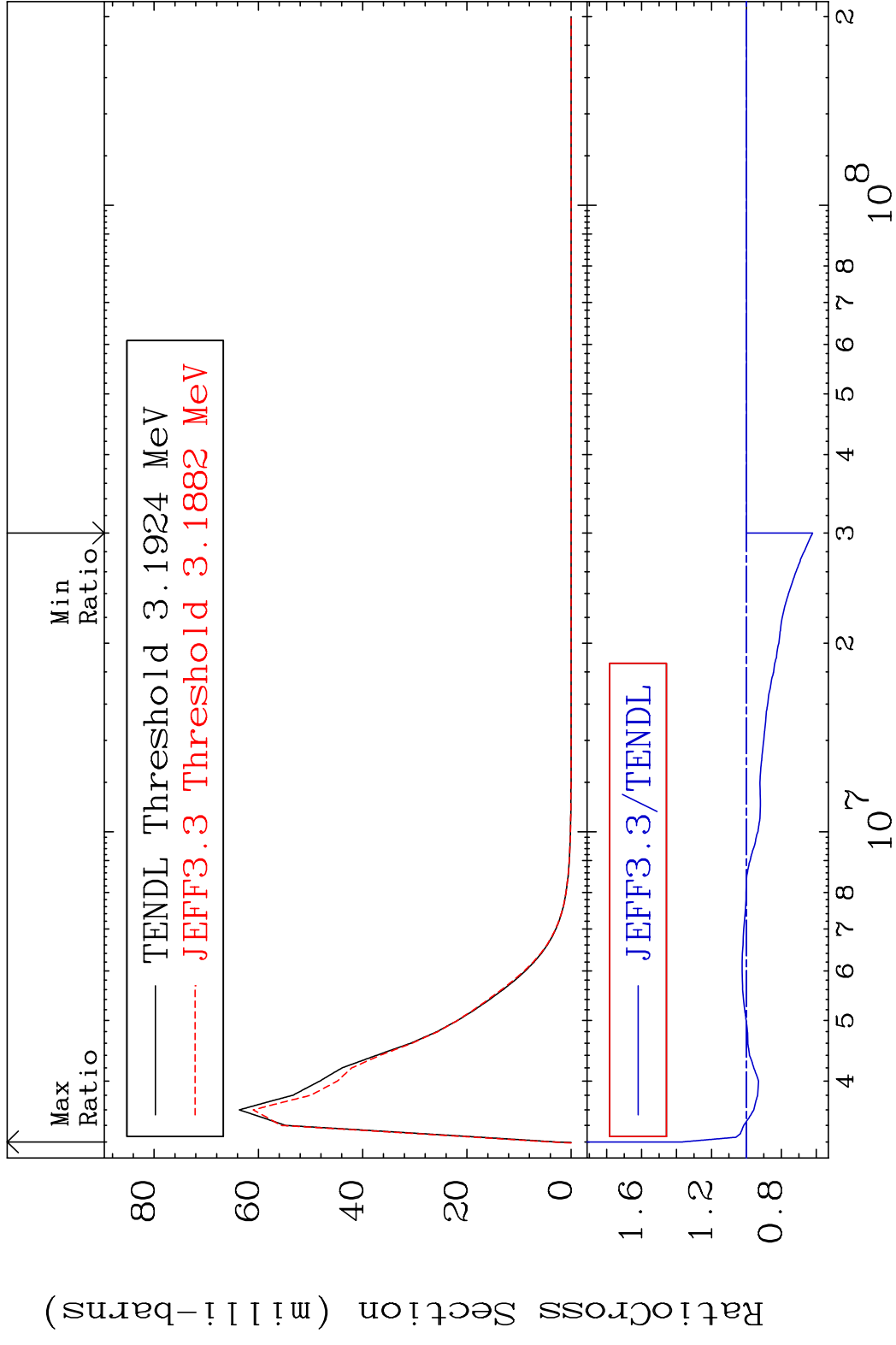
Incident Energy (eV)

38-Sr-88

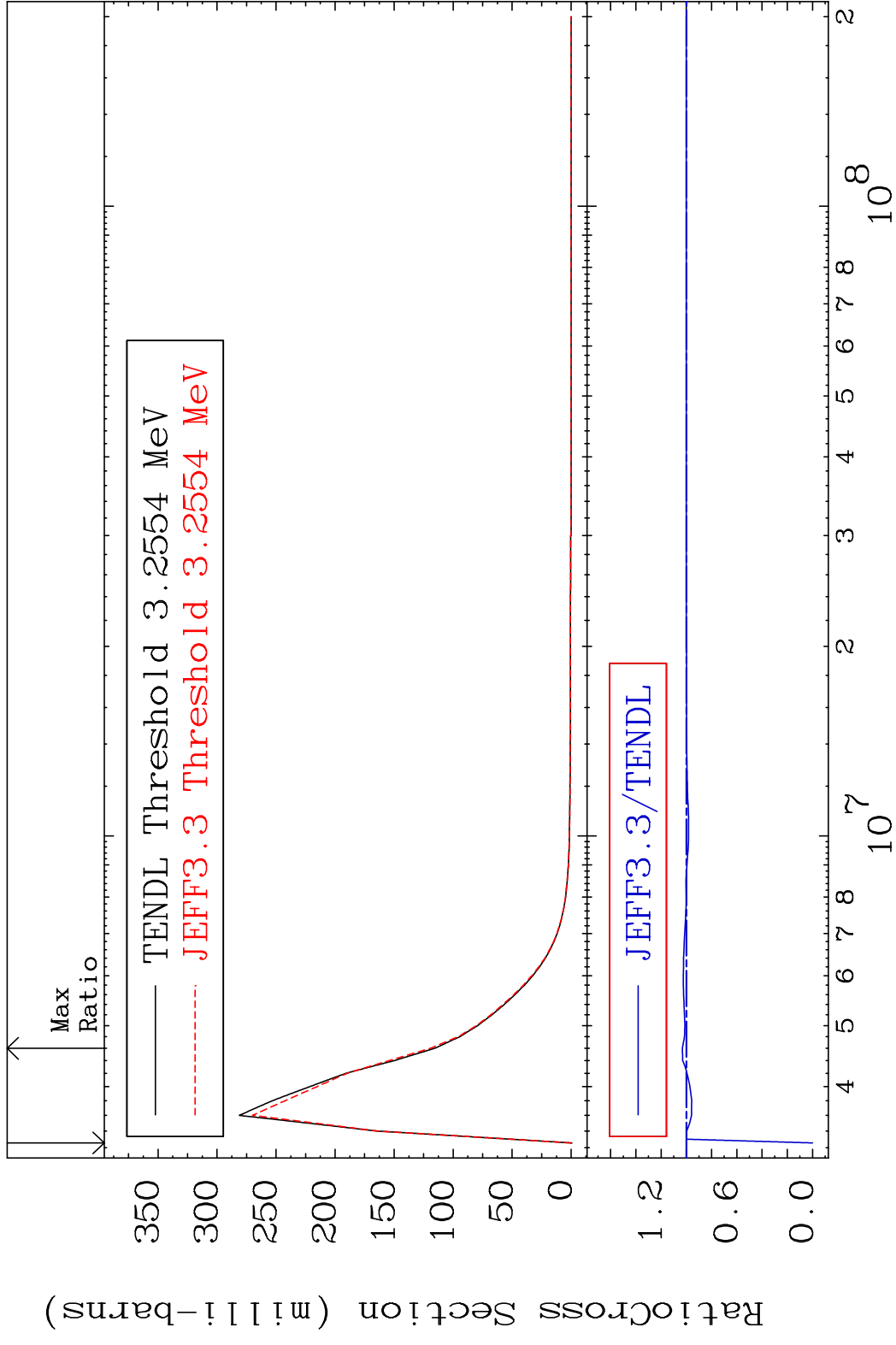
MAT 3837 MT= 52 (n, n') Level 38-Sr-88
 Cross Section -0.437 To 14.50 %



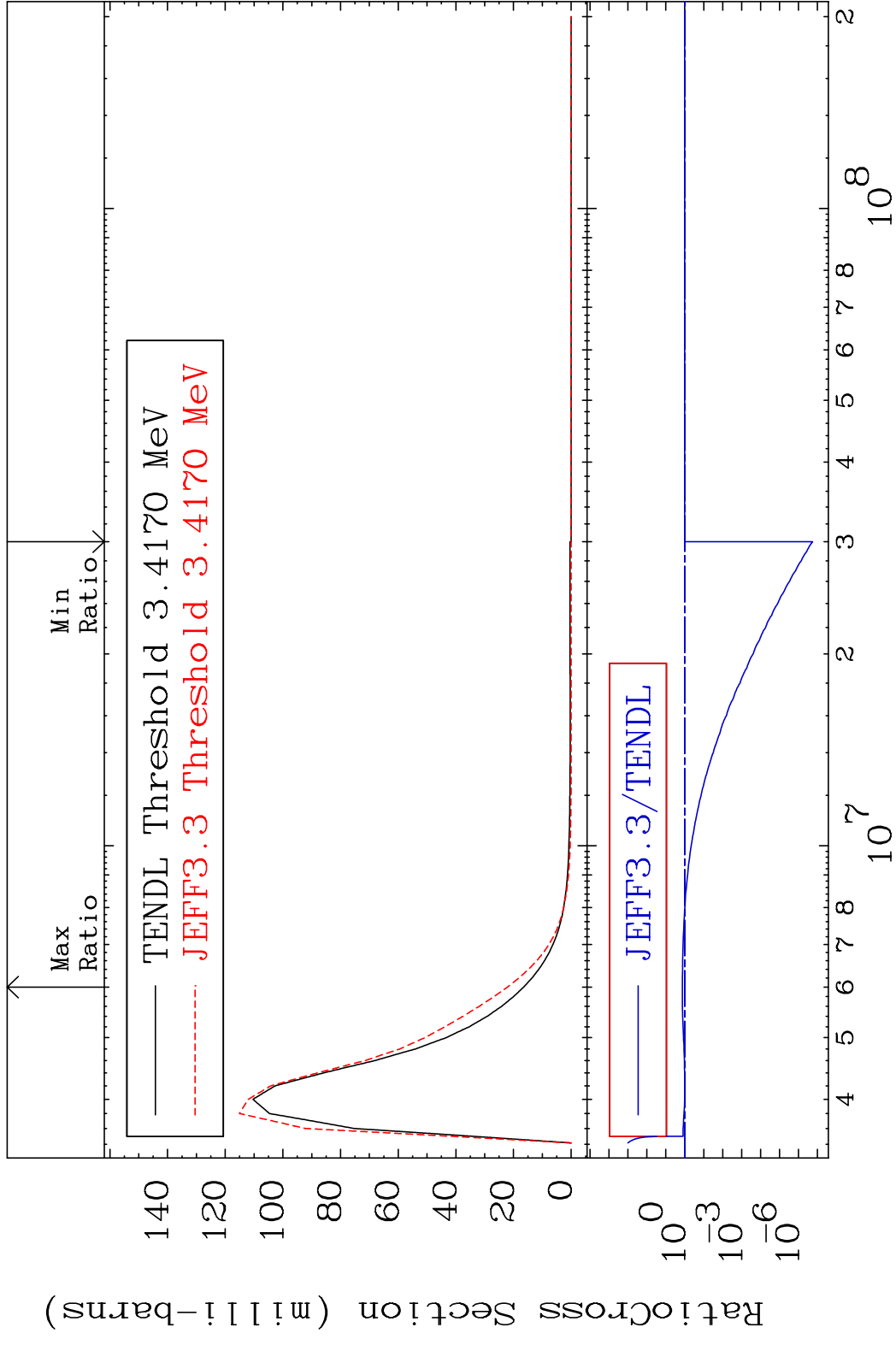
MAT 3837 MT= 53 (n, n') Level 38-Sr-88
 Cross Section -37.87 To 36.69 %



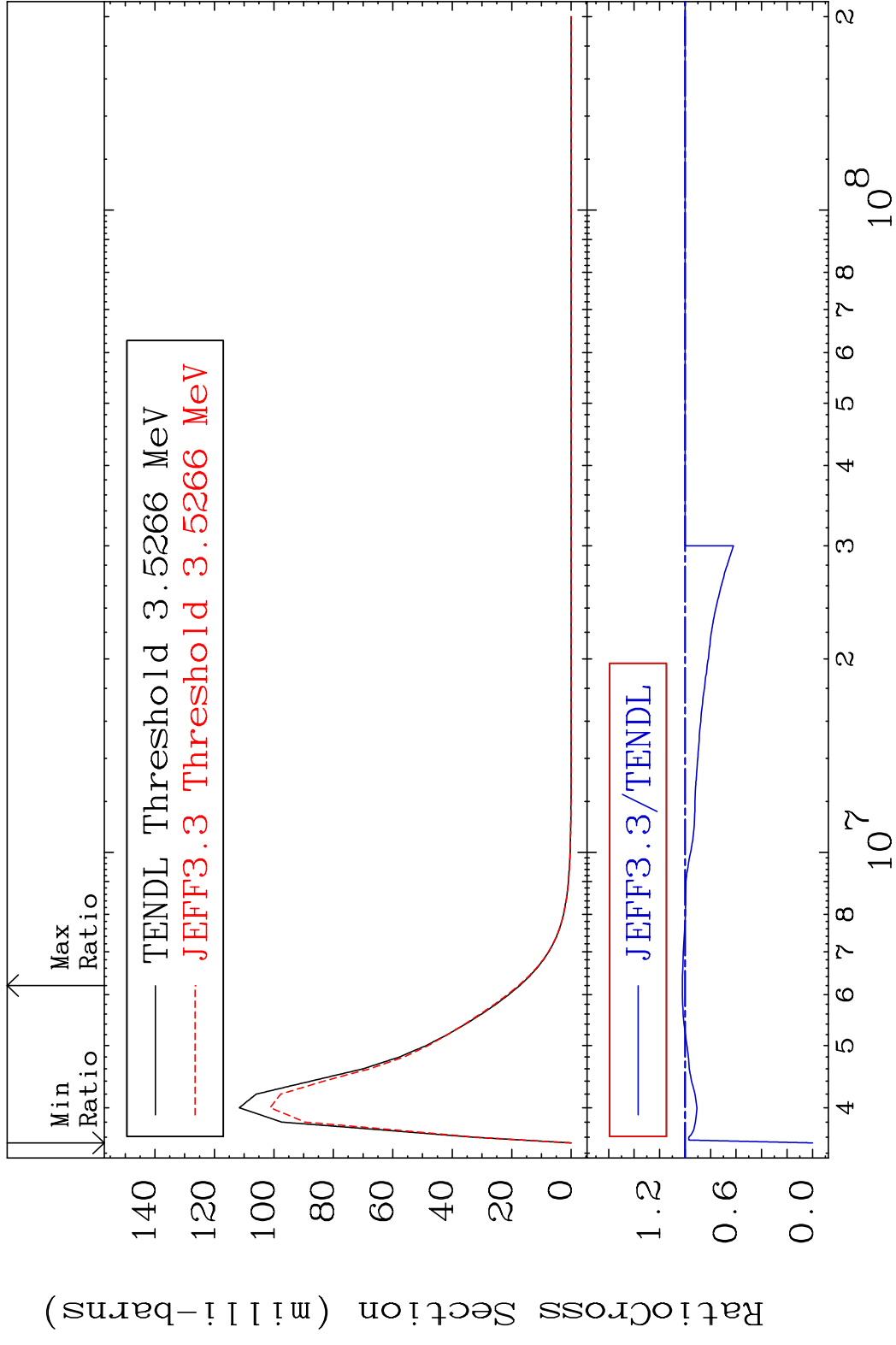
MAT 3837 MT= 54 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 3.185 %



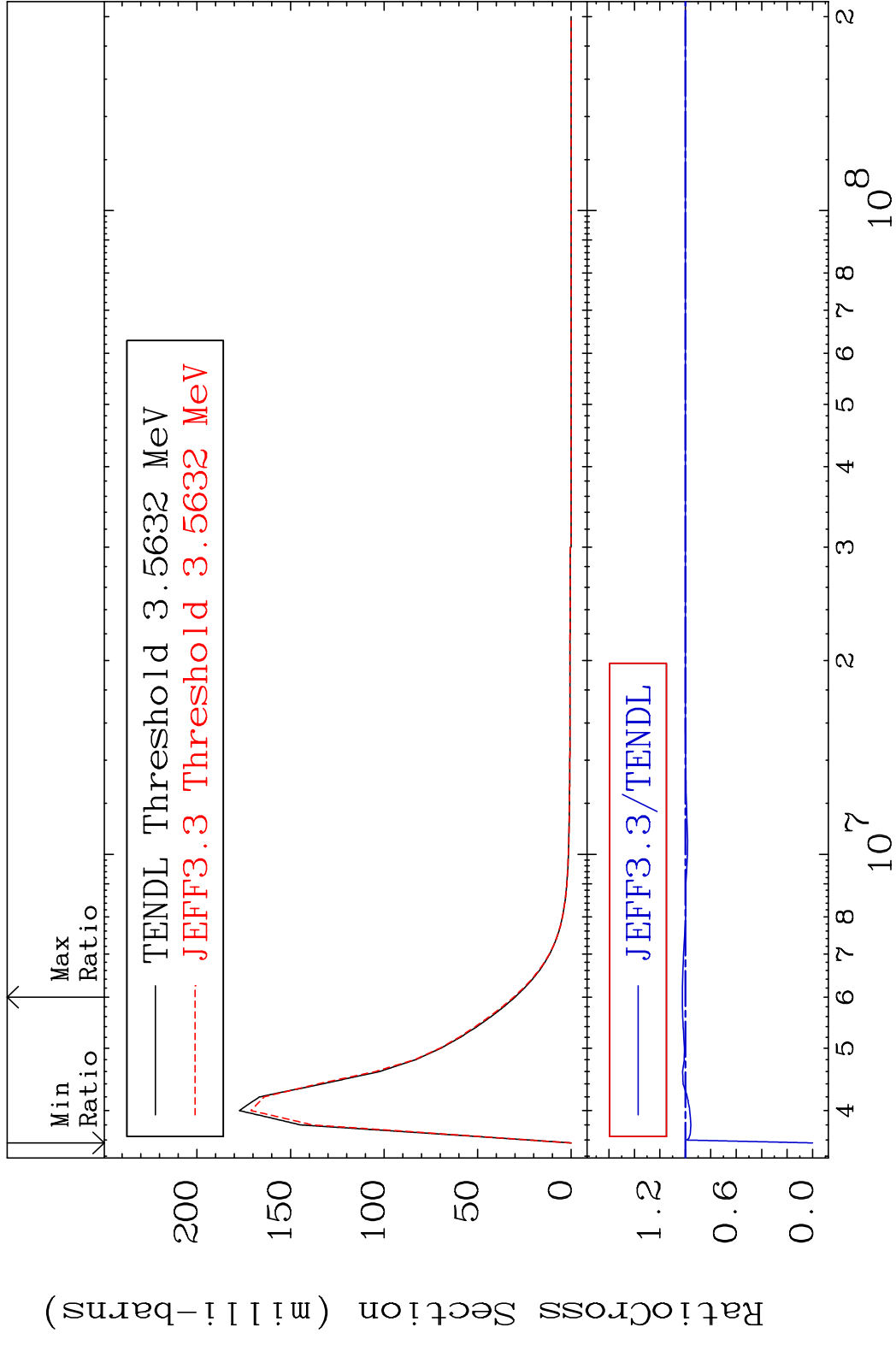
MAT 3837 MT= 55 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 34.29 %



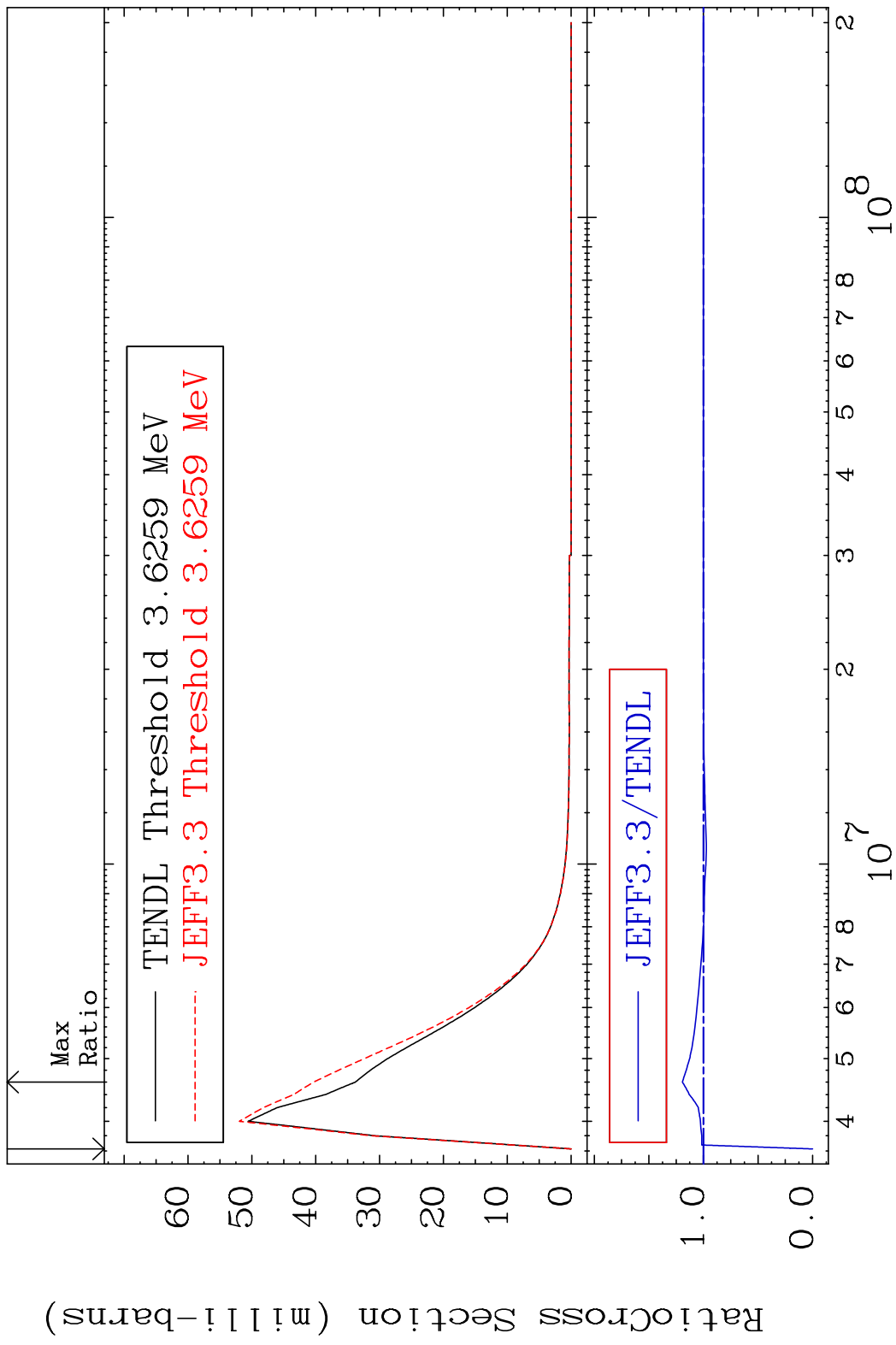
MAT 3837 MT= 56 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 2.163 %



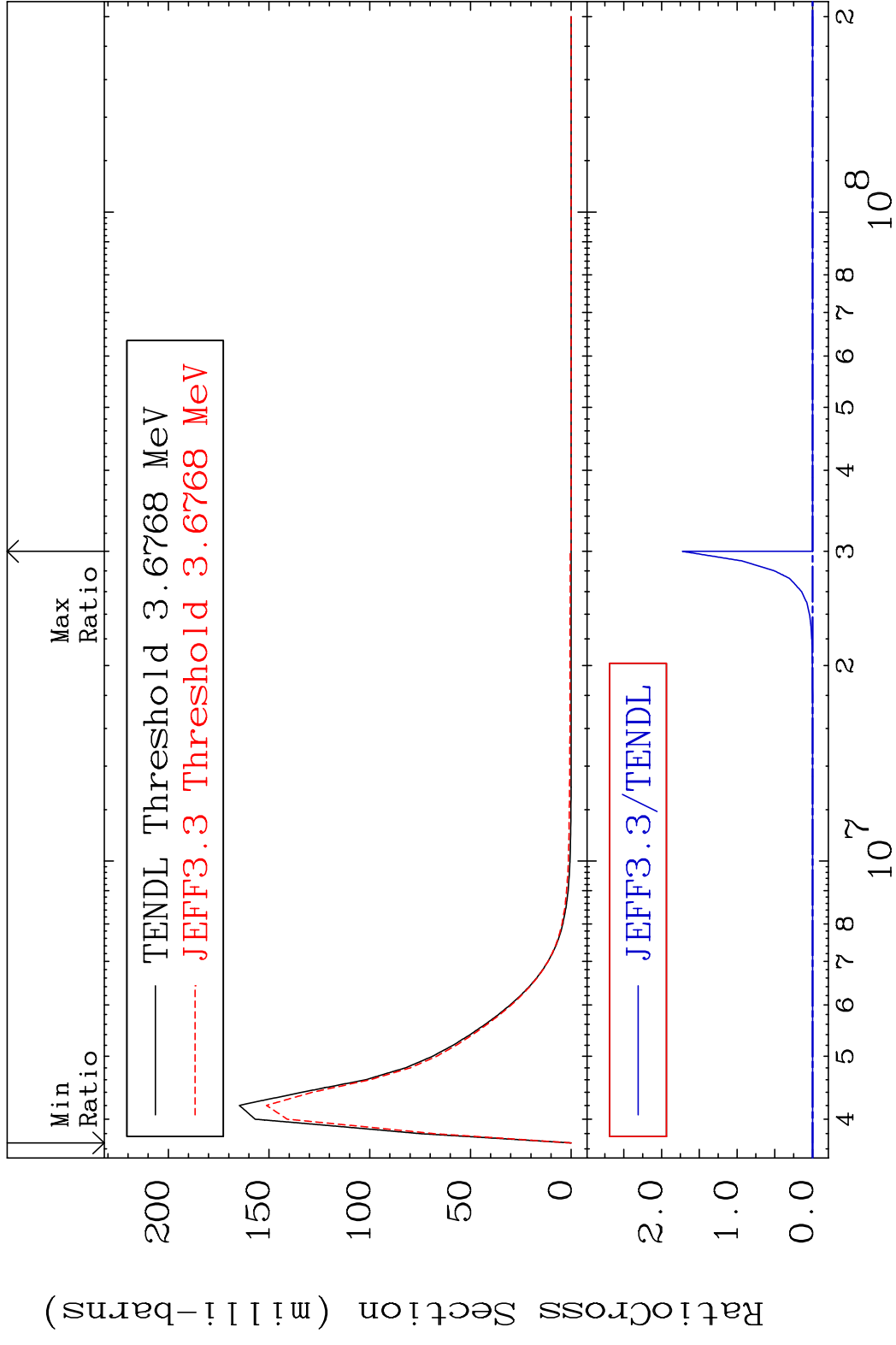
MAT 3837 MT= 57 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 2.330 %



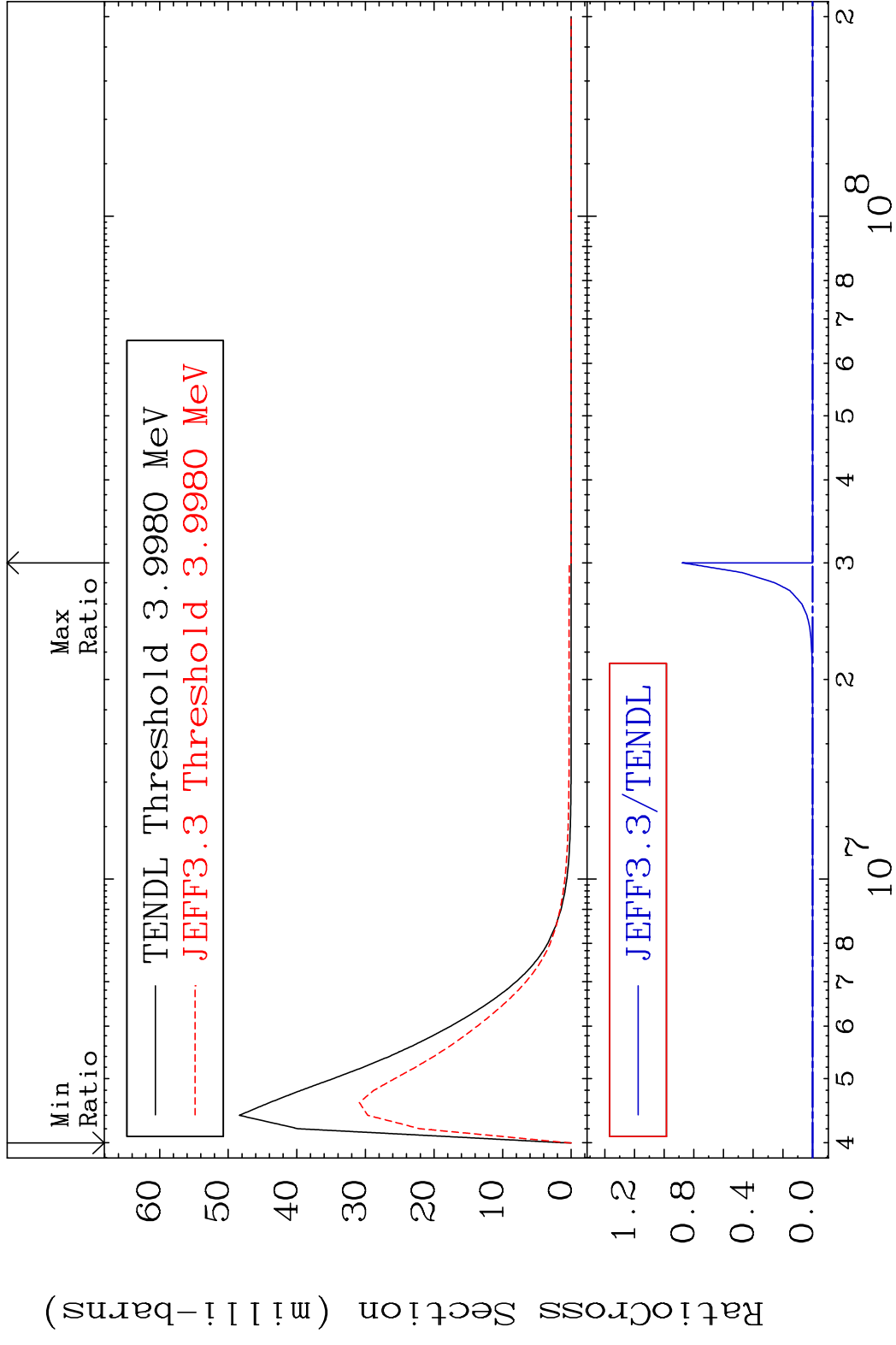
MAT 3837 MT= 58 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 19.32 %



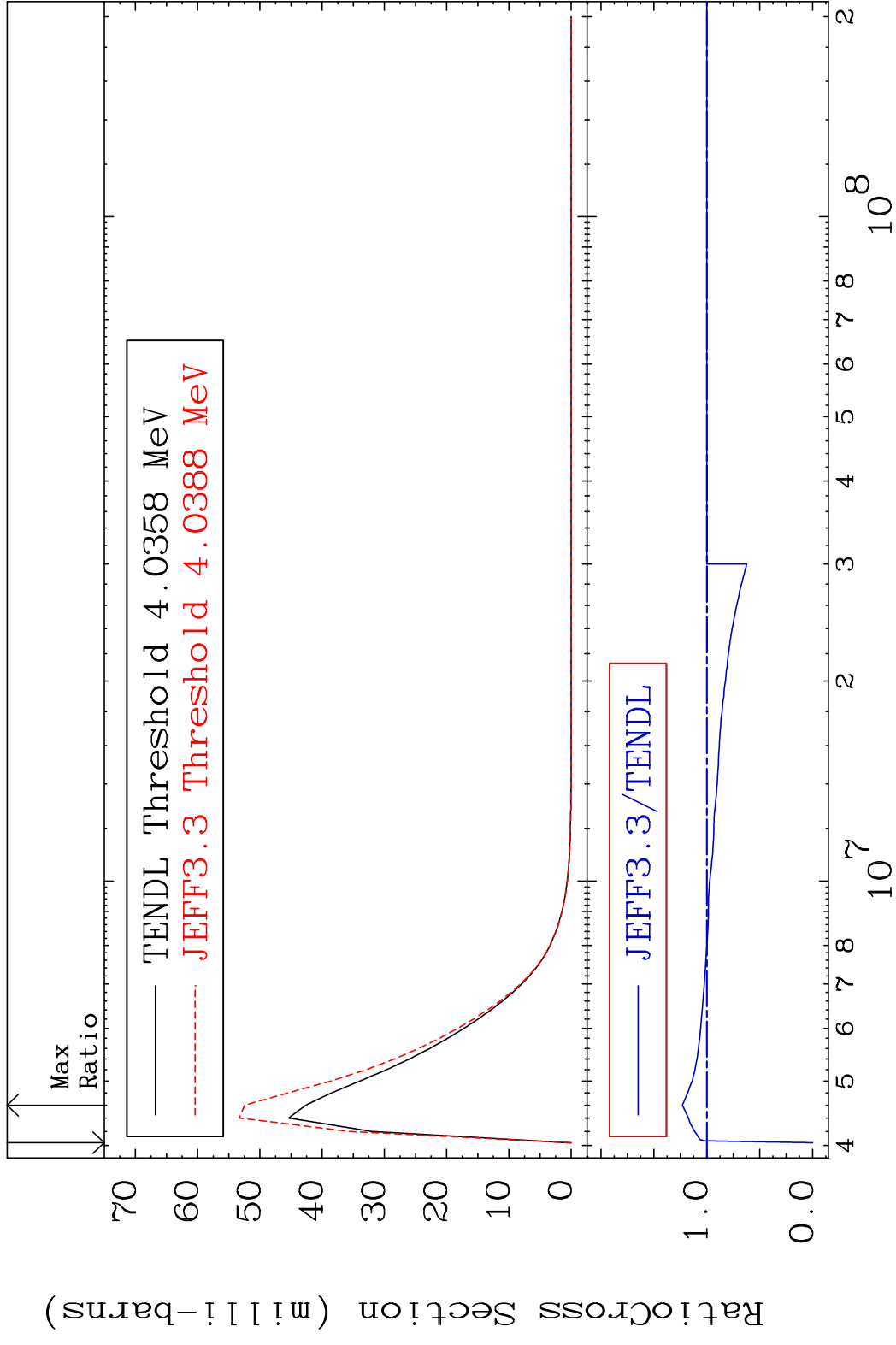
MAT 3837 MT= 59 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



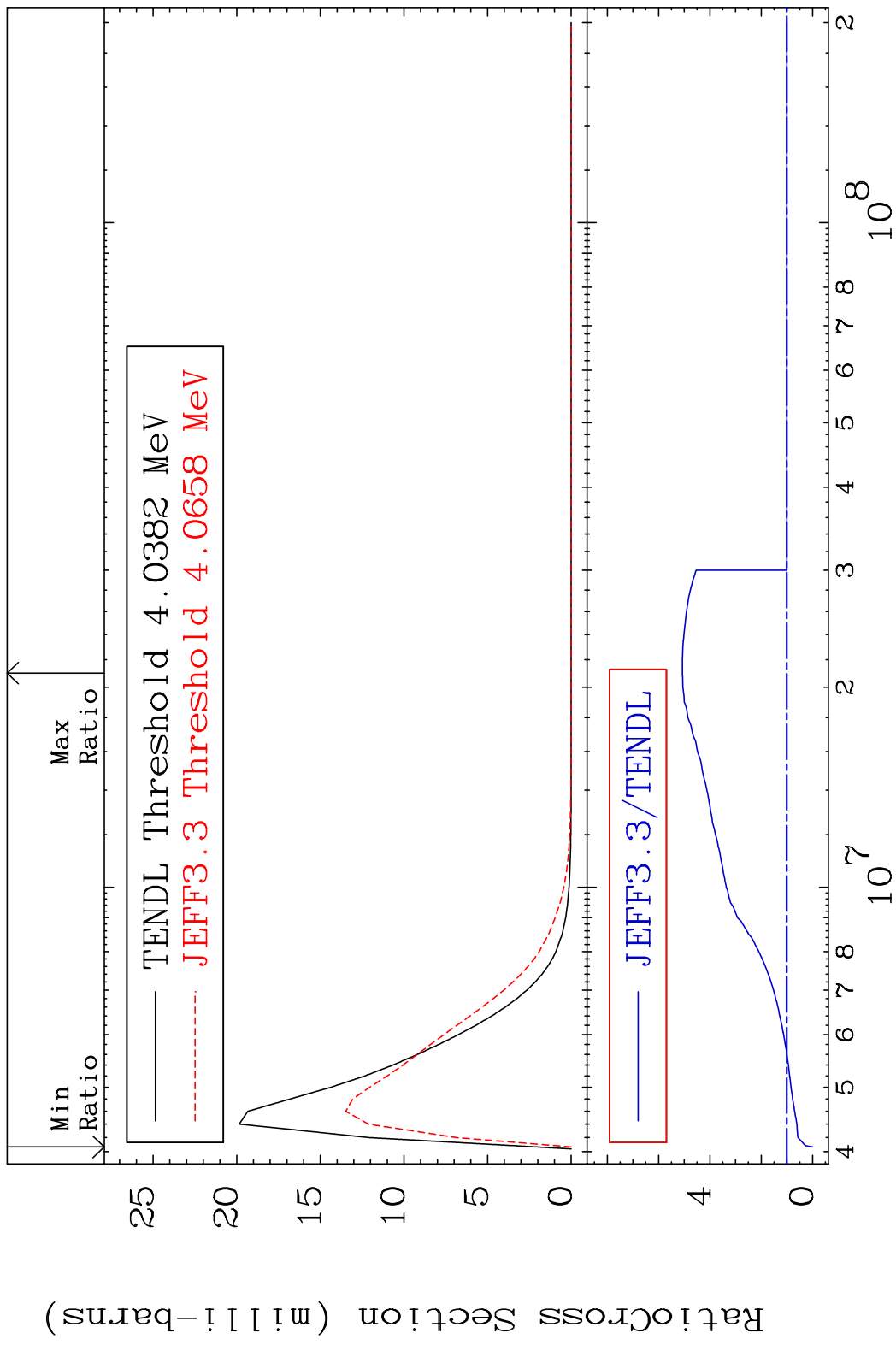
MAT 3837 MT= 60 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



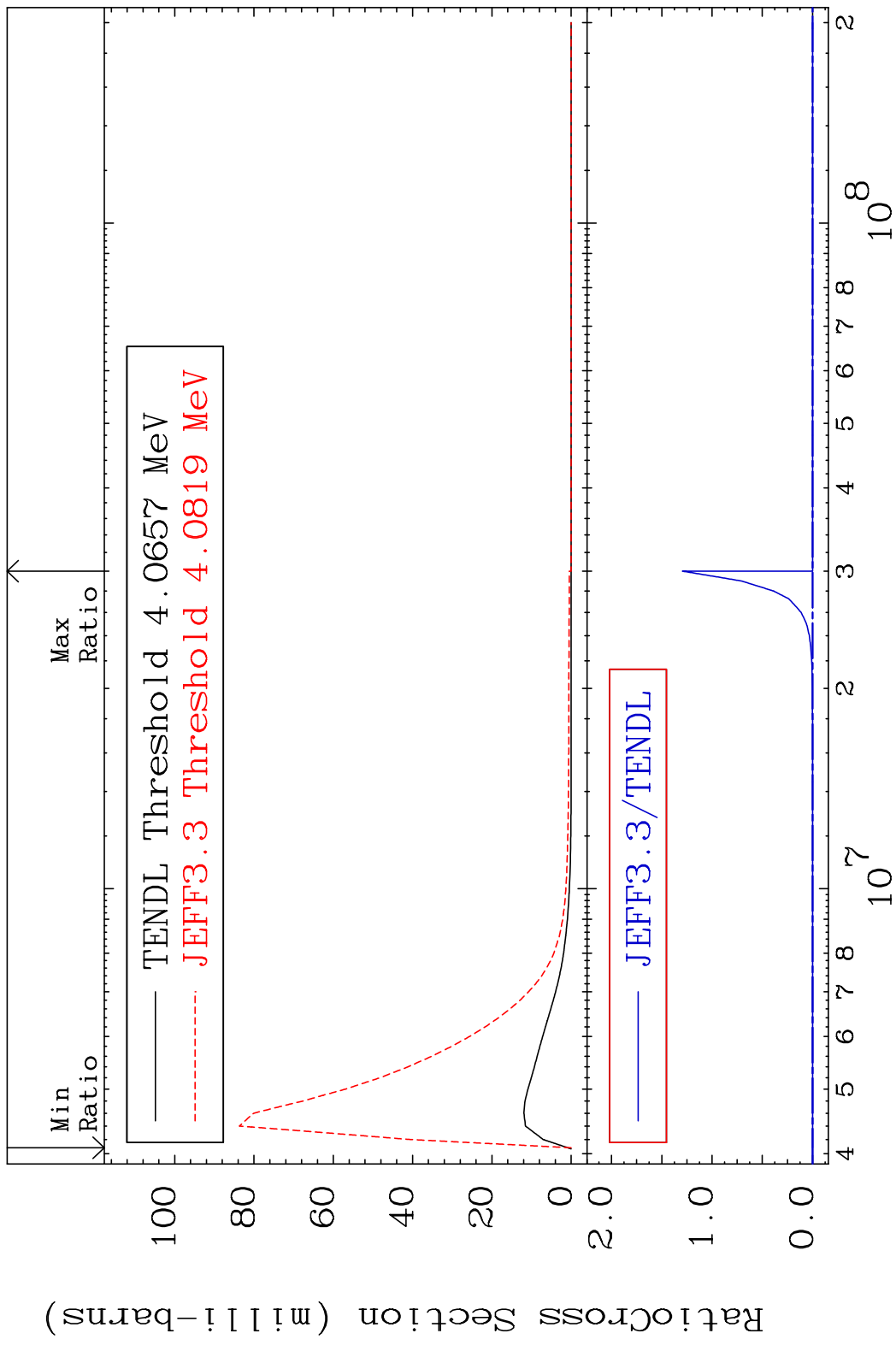
MAT 3837 MT= 61 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 23.05 %



MAT 3837 MT= 62 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 407.3 %



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



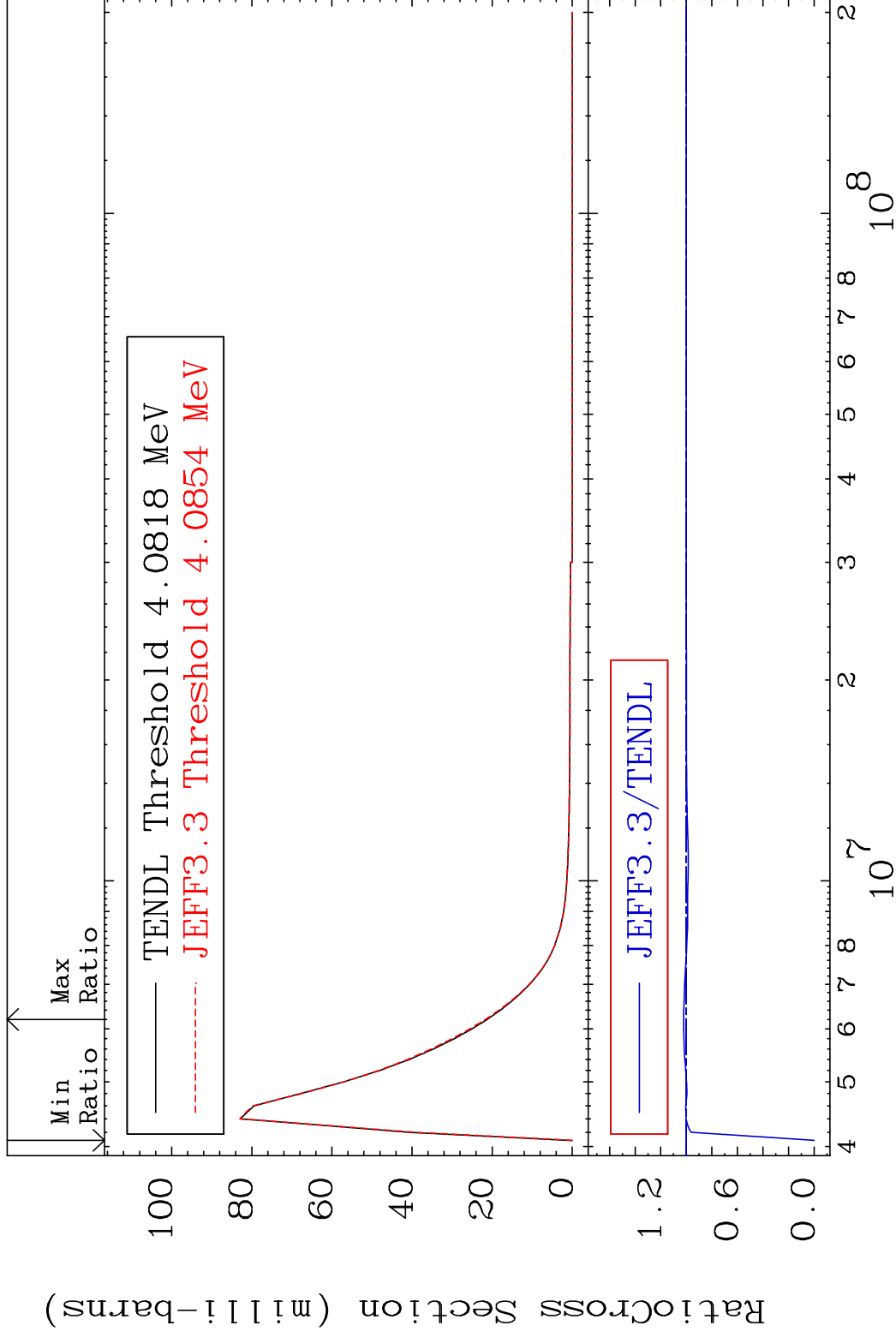
28 Incident Energy (eV) 38-Sr-88

MAT 3837

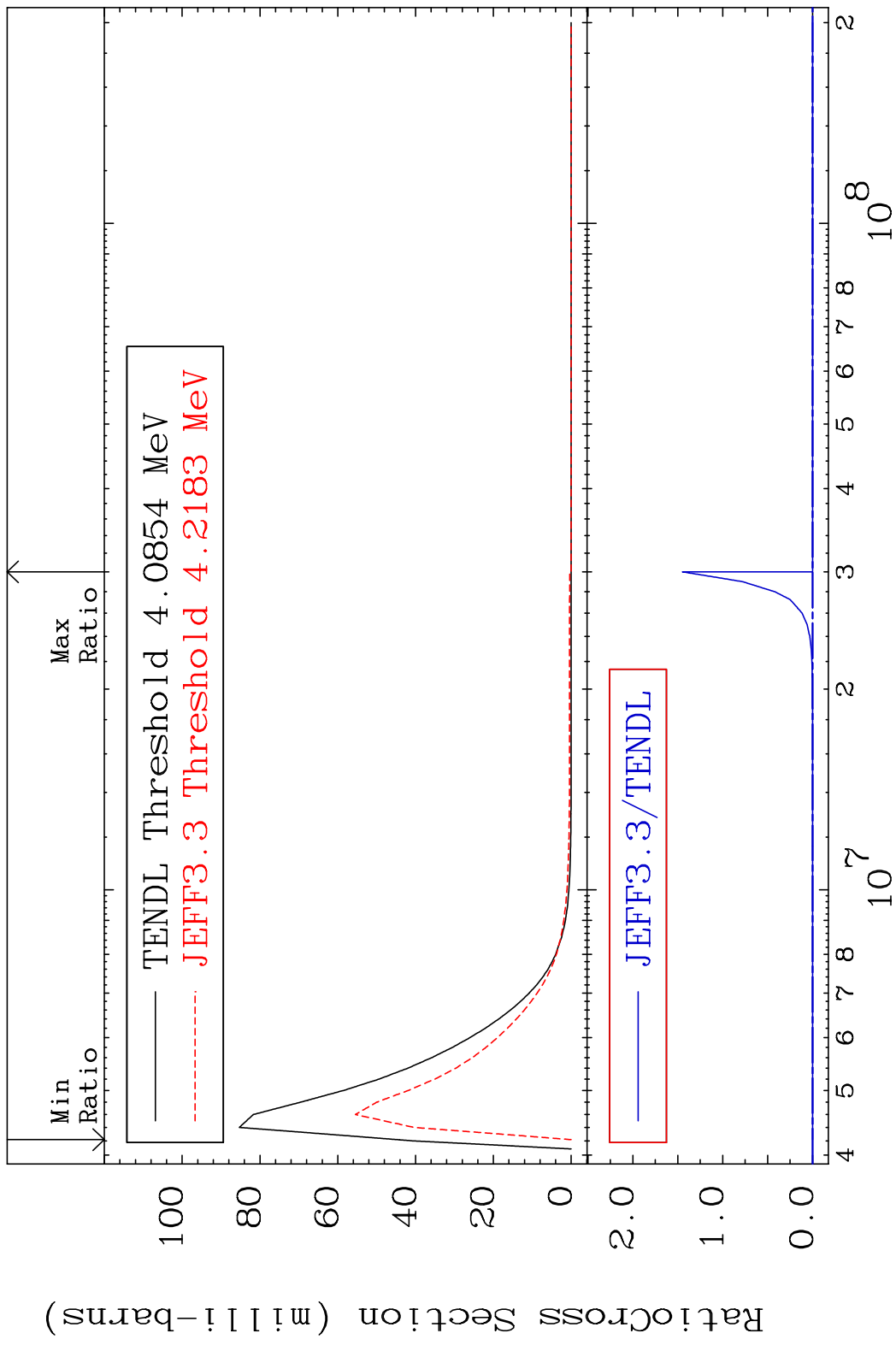
MT= 64 (n, n') Level

38-Sr-88

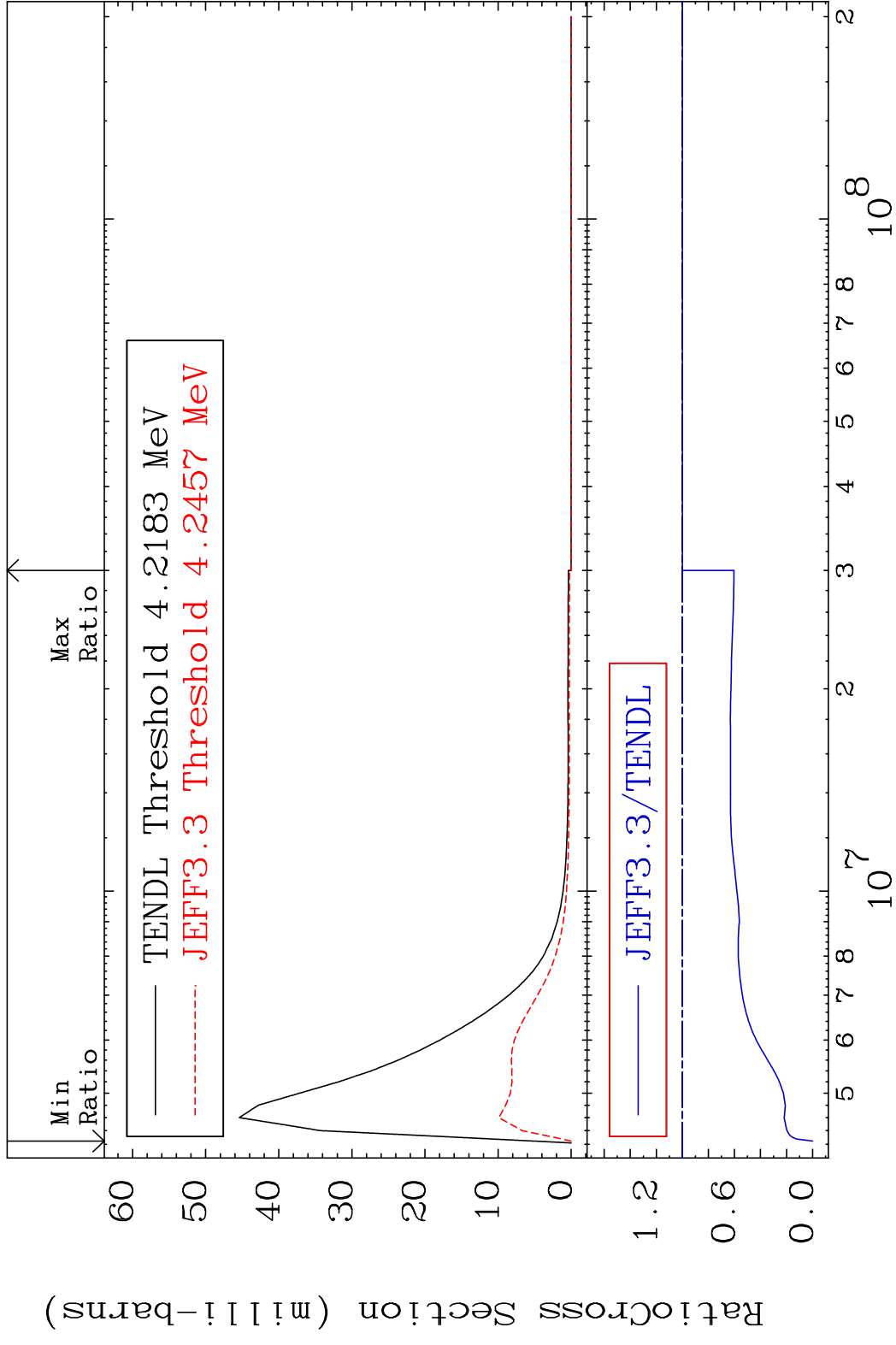
Cross Section -100.0 To 2.057 %



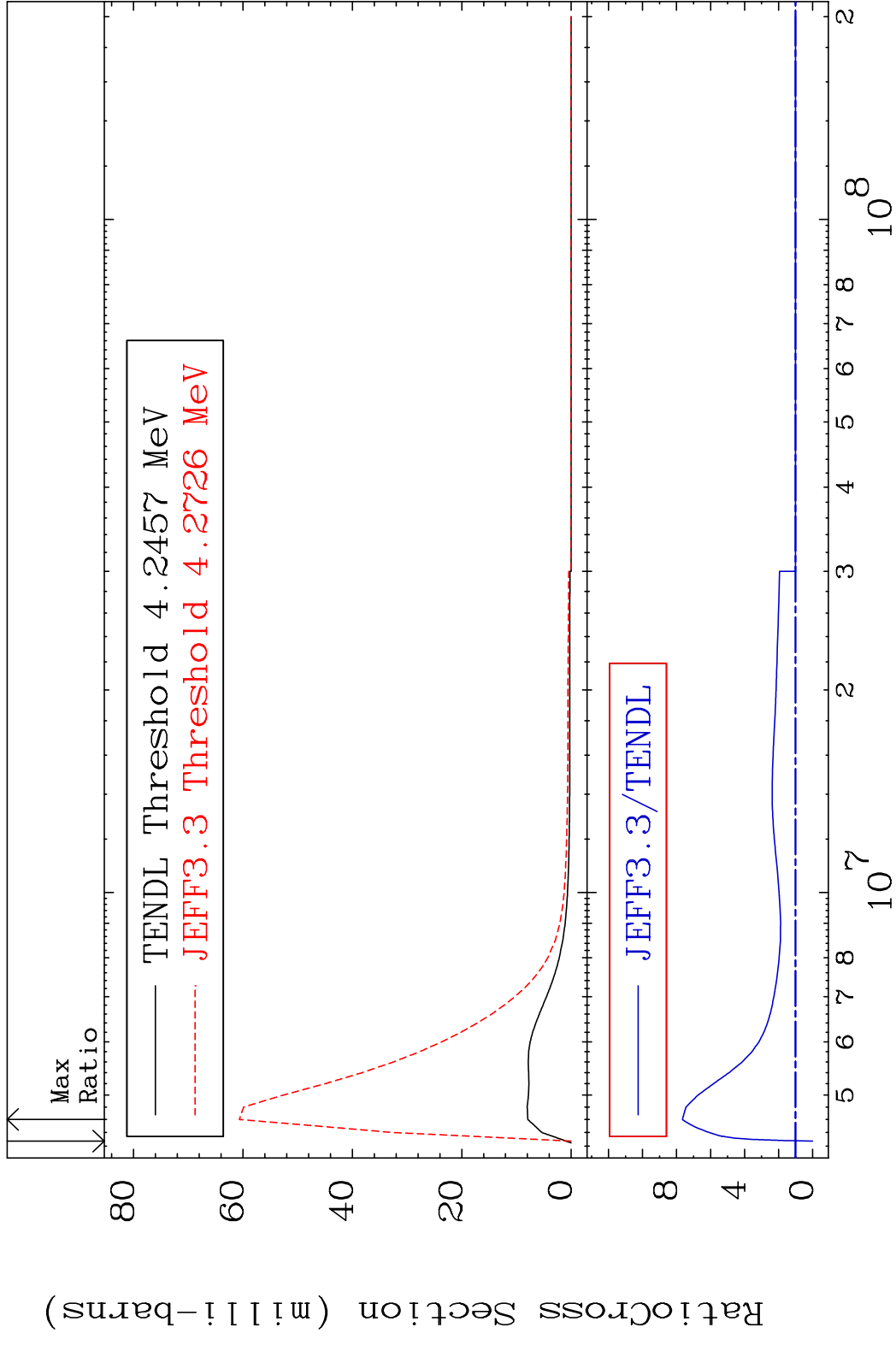
MAT 3837 MT= 65 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



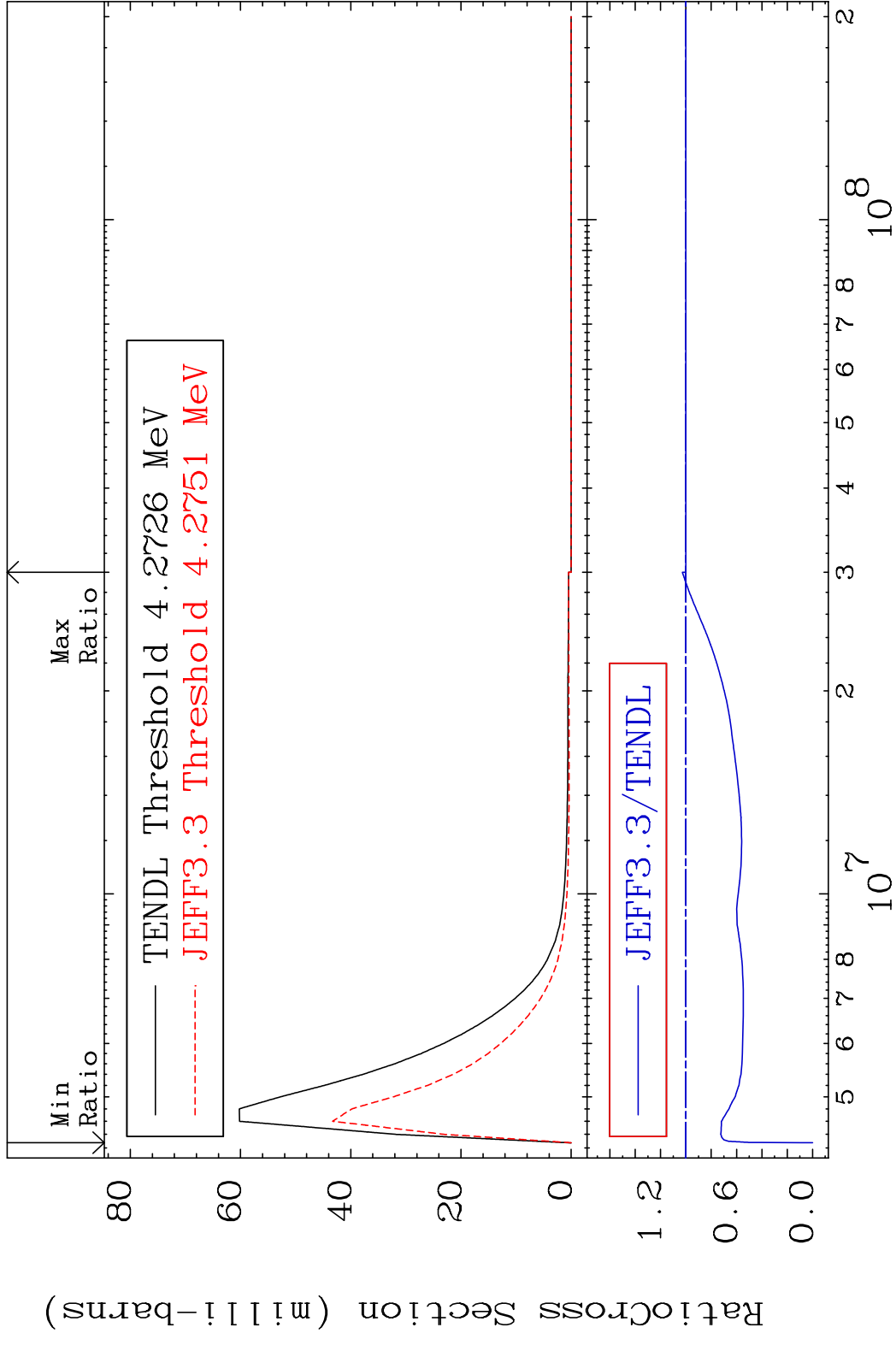
MAT 3837 MT= 66 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 0.000 %



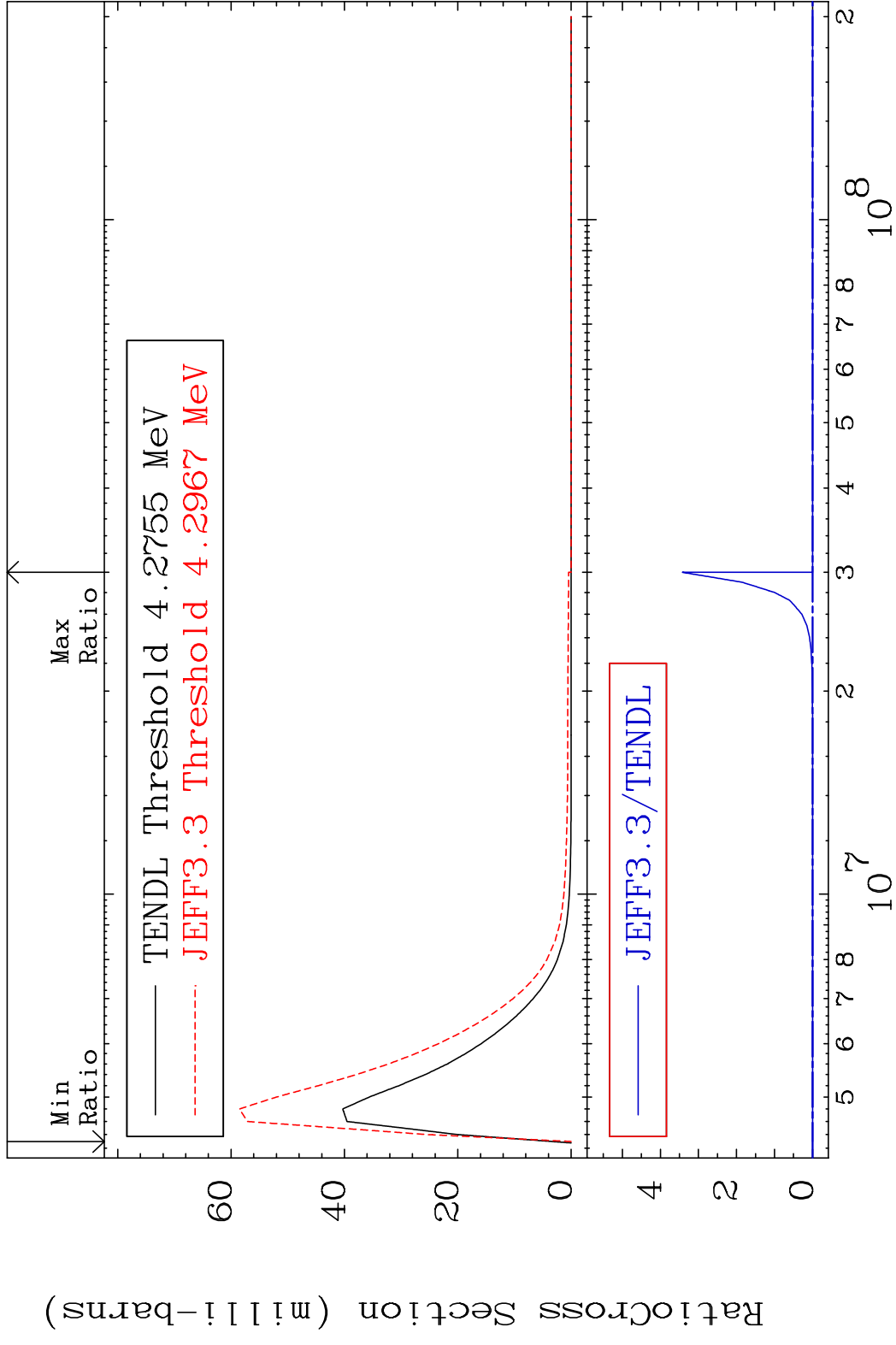
MAT 3837 MT= 67 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 666.0 %



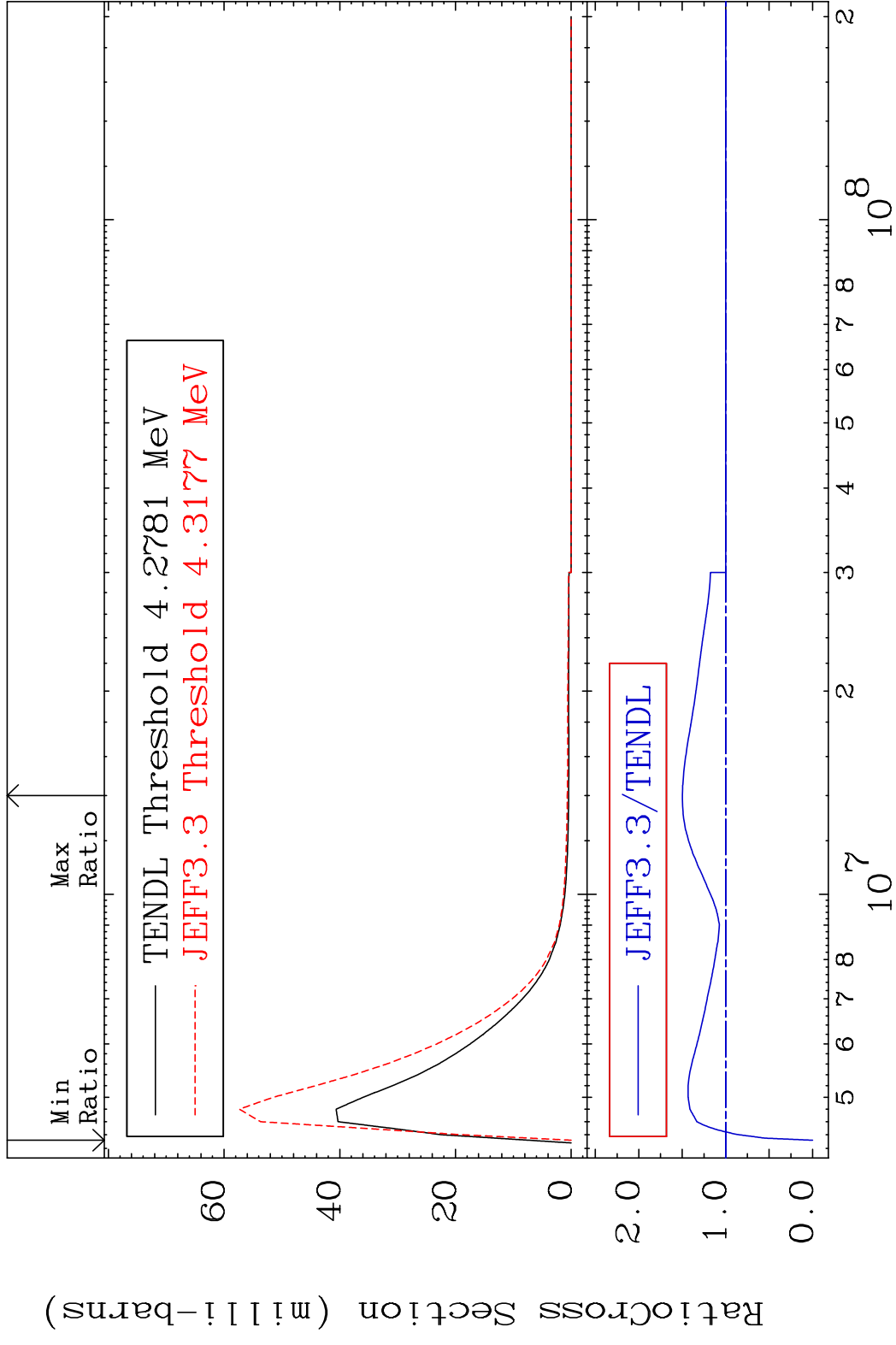
MAT 3837 MT= 68 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 2.799 %



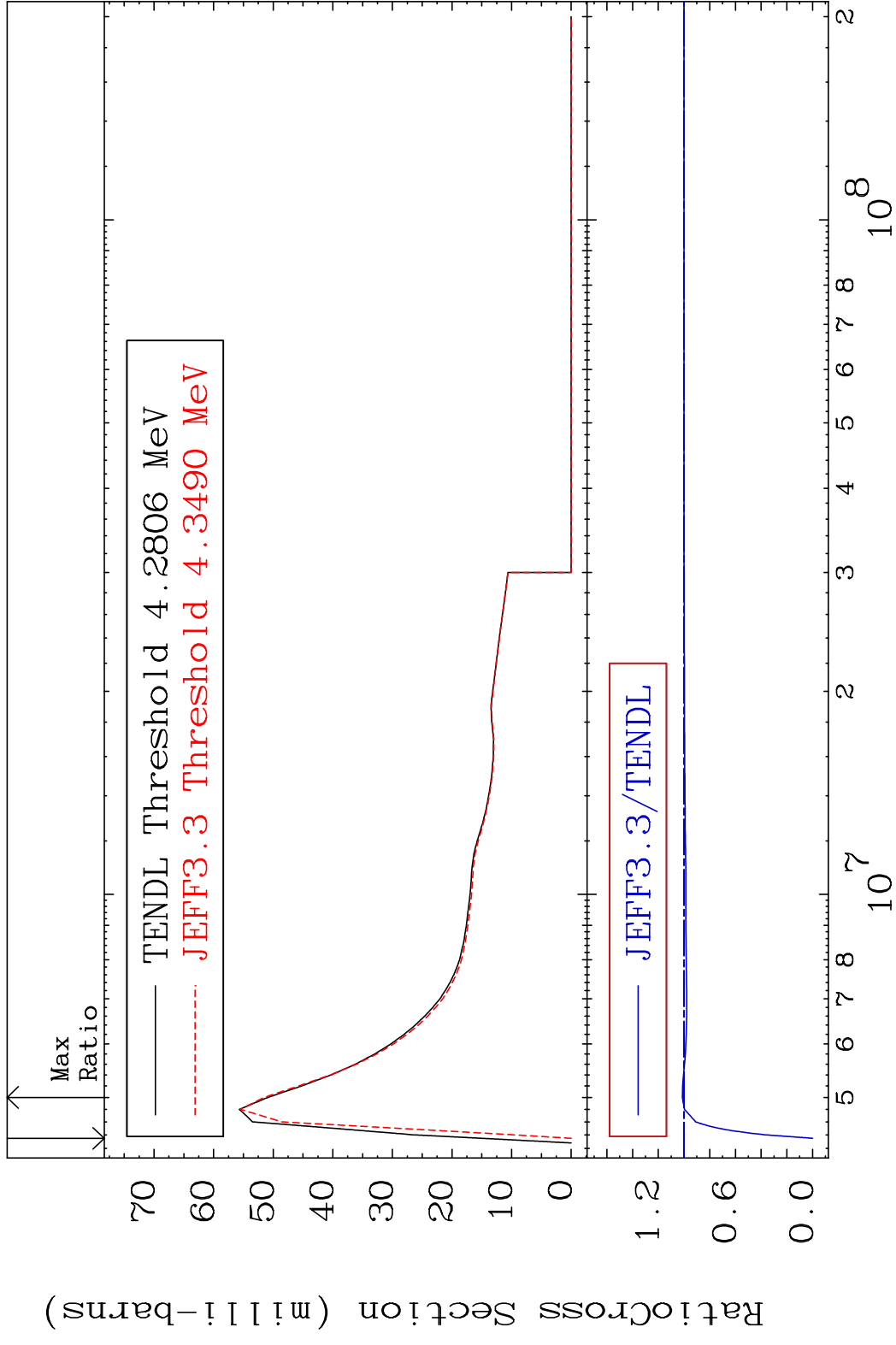
MAT 3837 MT= 69 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 9999. %



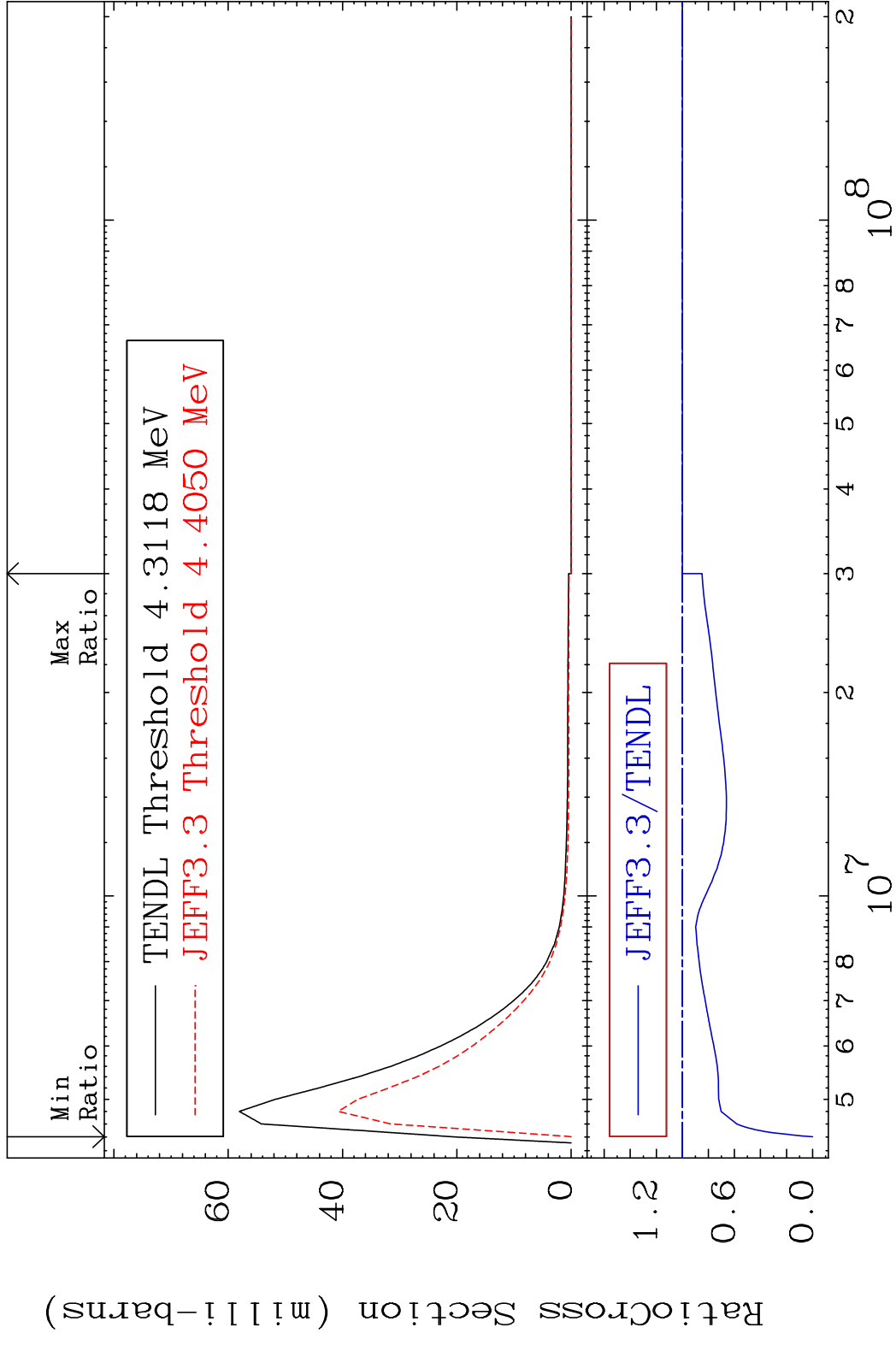
MAT 3837 MT= 70 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 49.86 %



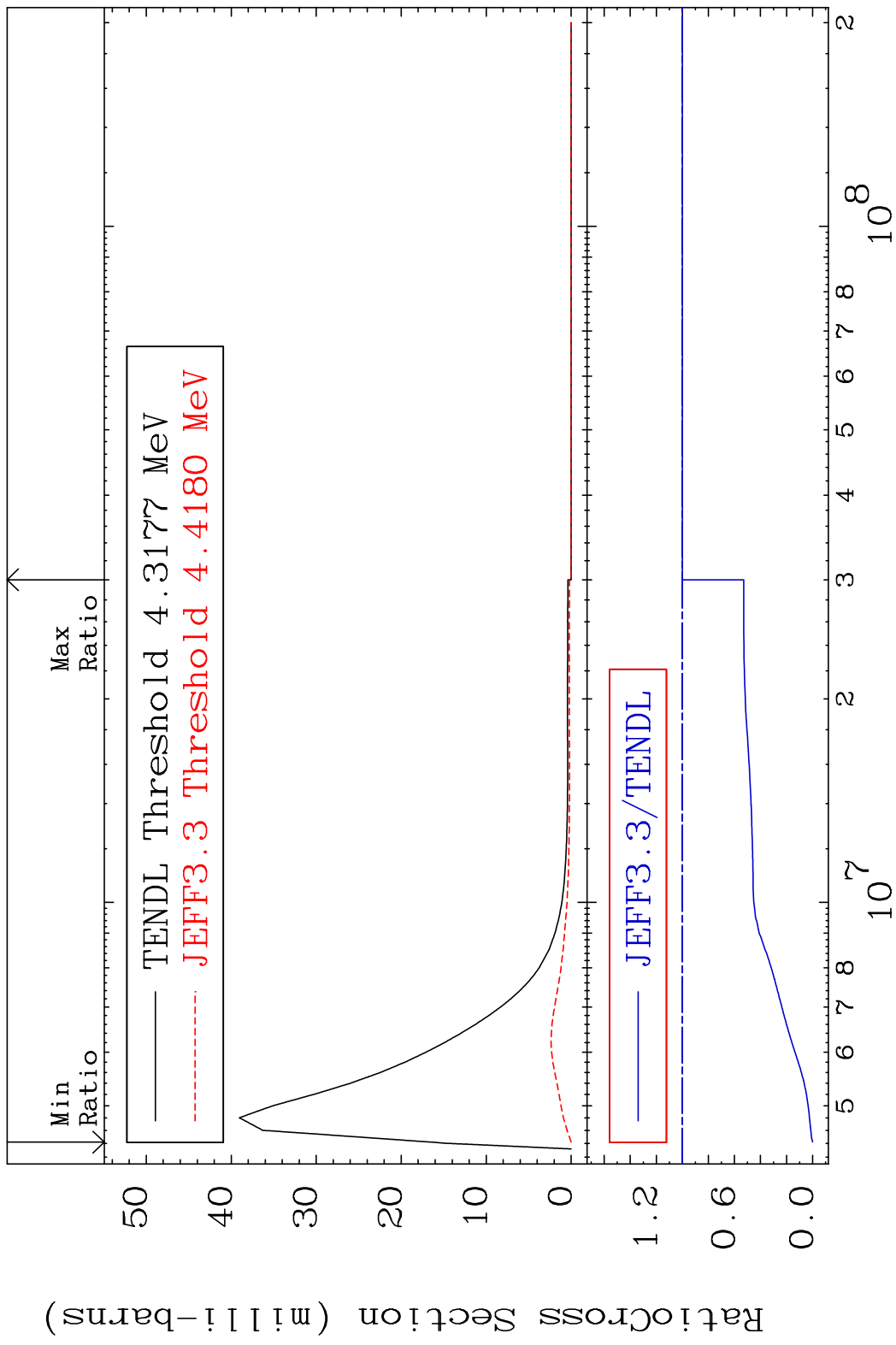
MAT 3837 MT= 71 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 1.285 %



MAT 3837 MT= 72 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 0.000 %



MAT 3837 MT= 73 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 0.000 %

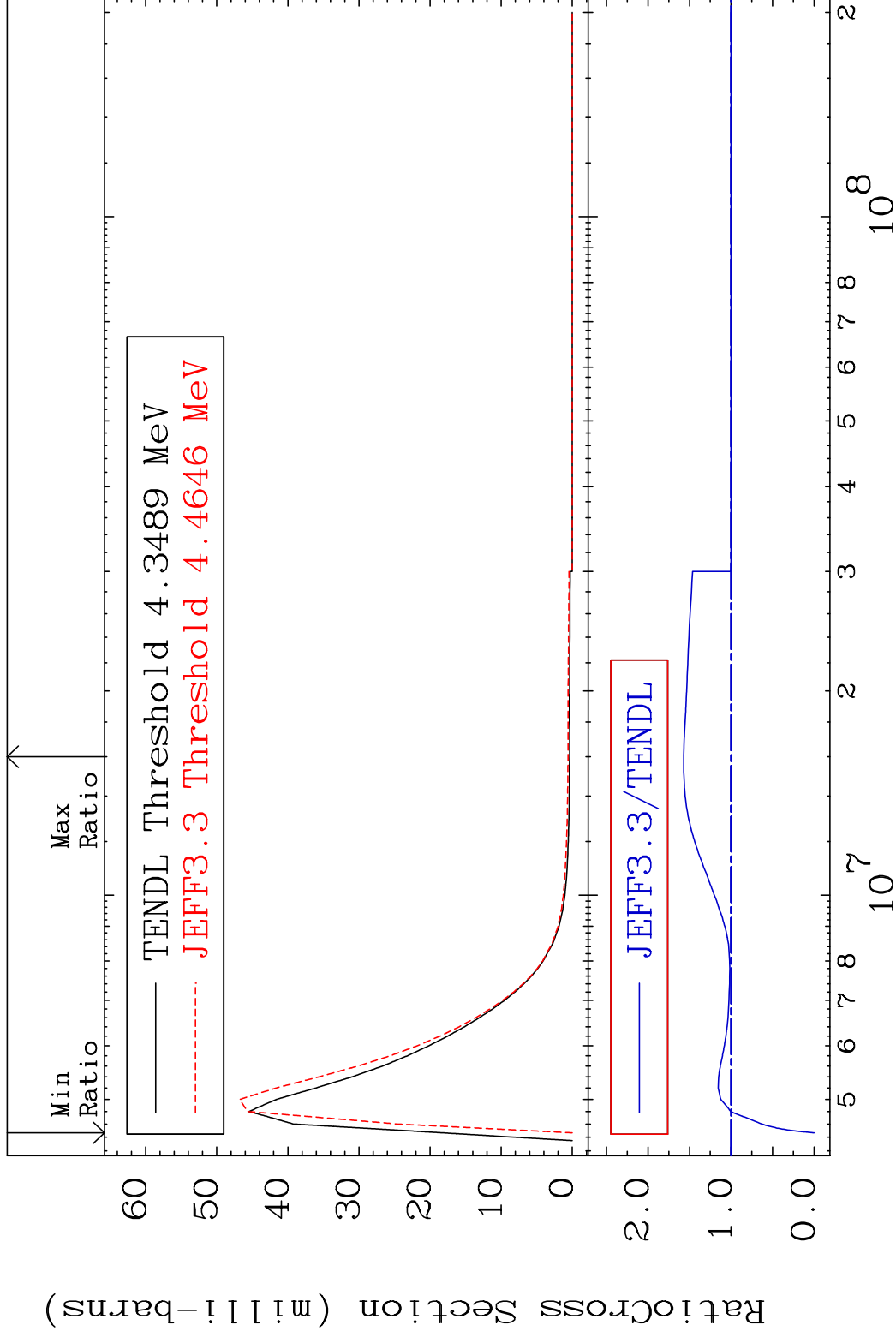


MAT 3837

MT= 74 (n,n') Level

38-Sr-88

Cross Section -100.0 To 57.09 %

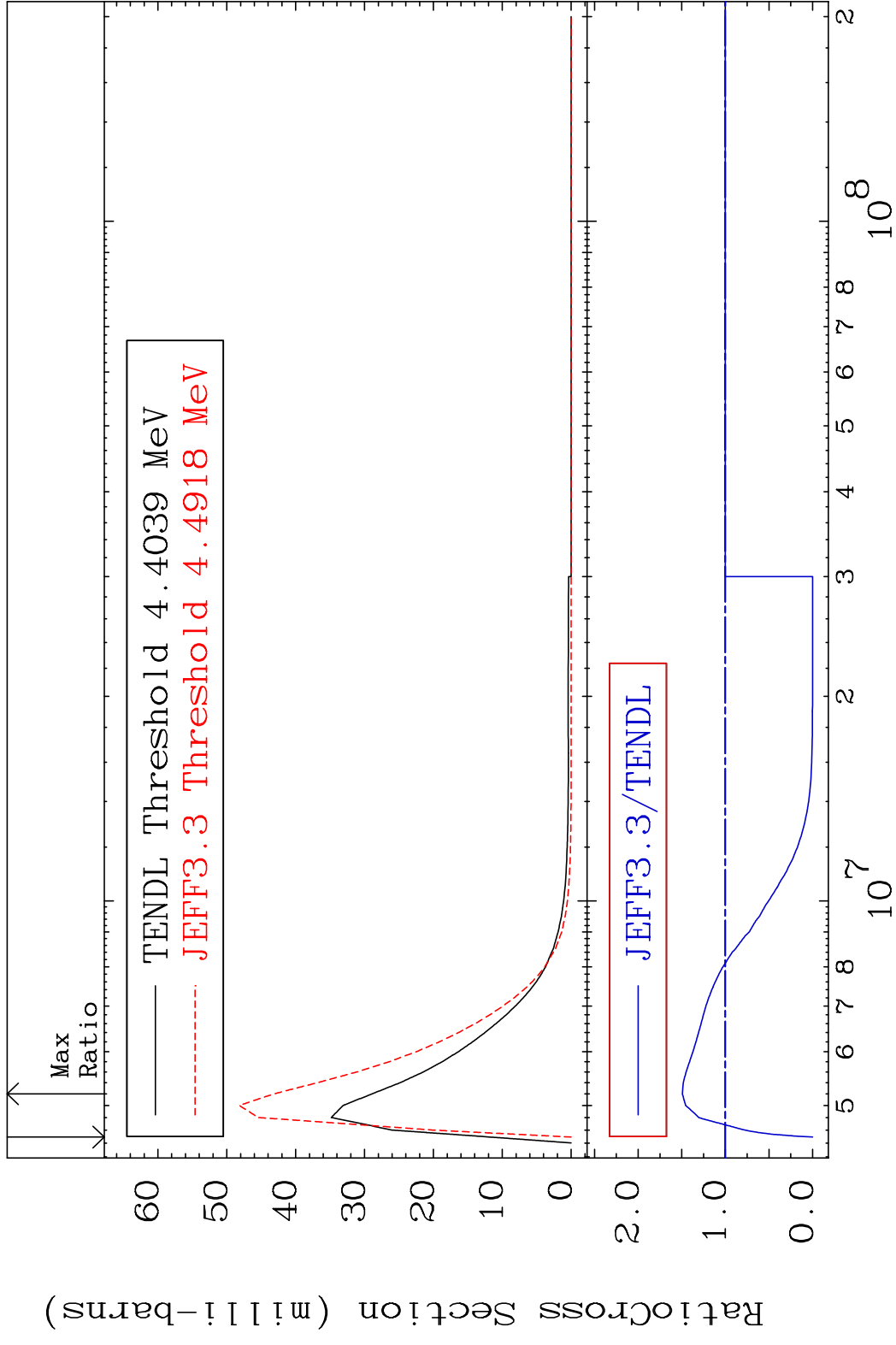


39

Incident Energy (eV)

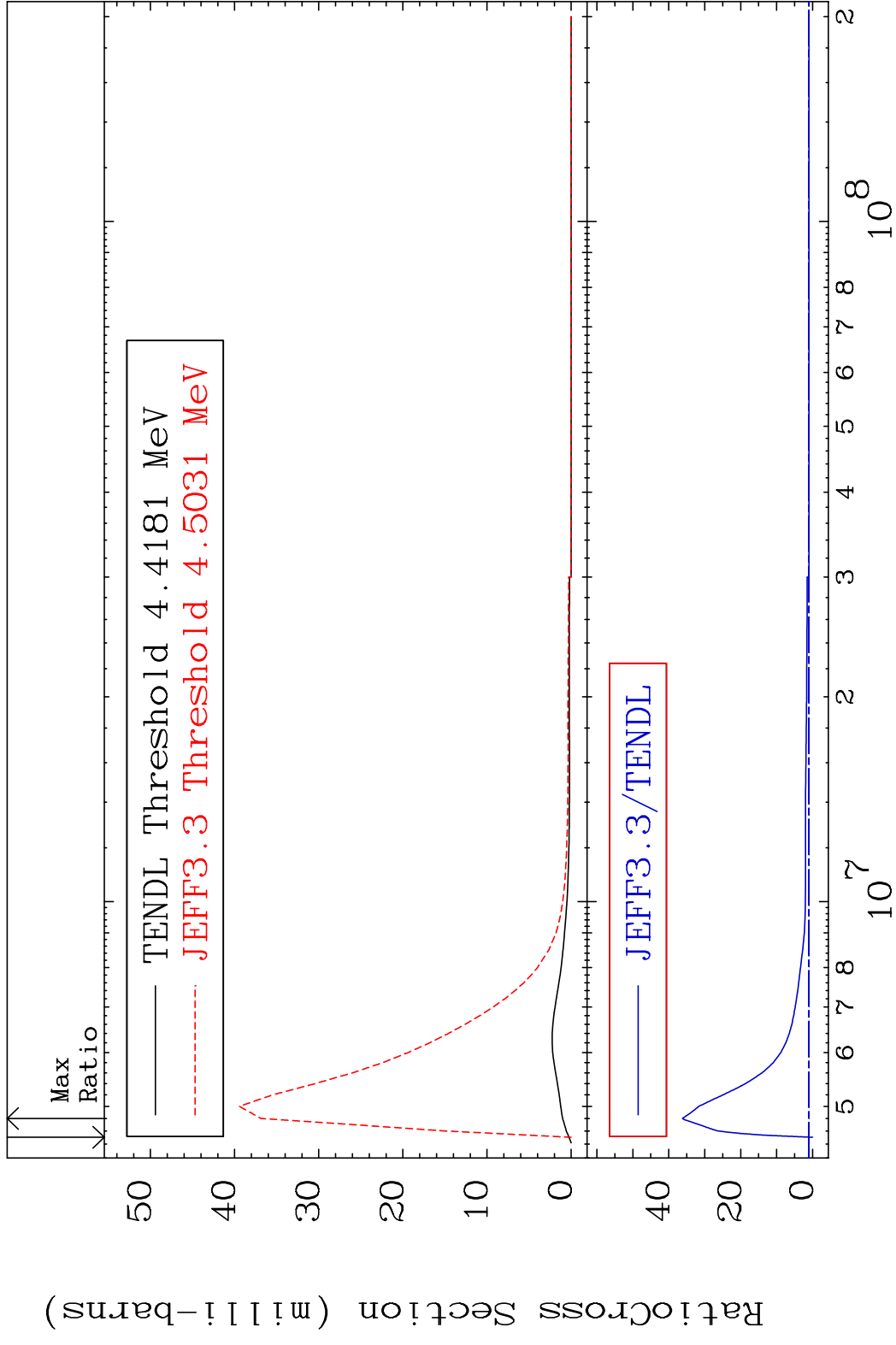
38-Sr-88

MAT 3837 MT= 75 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 49.32 %

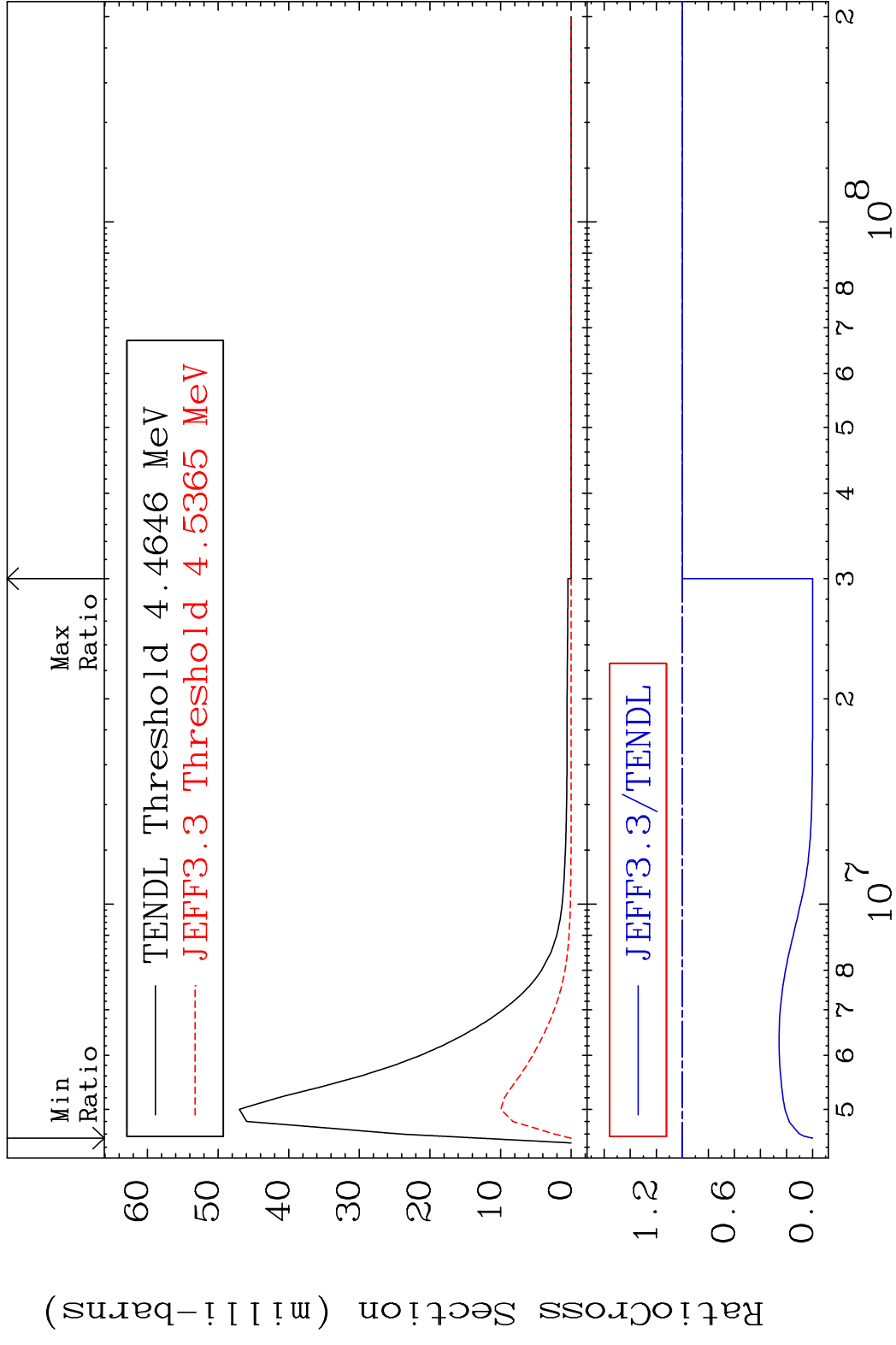


40 Incident Energy (eV) 38-Sr-88

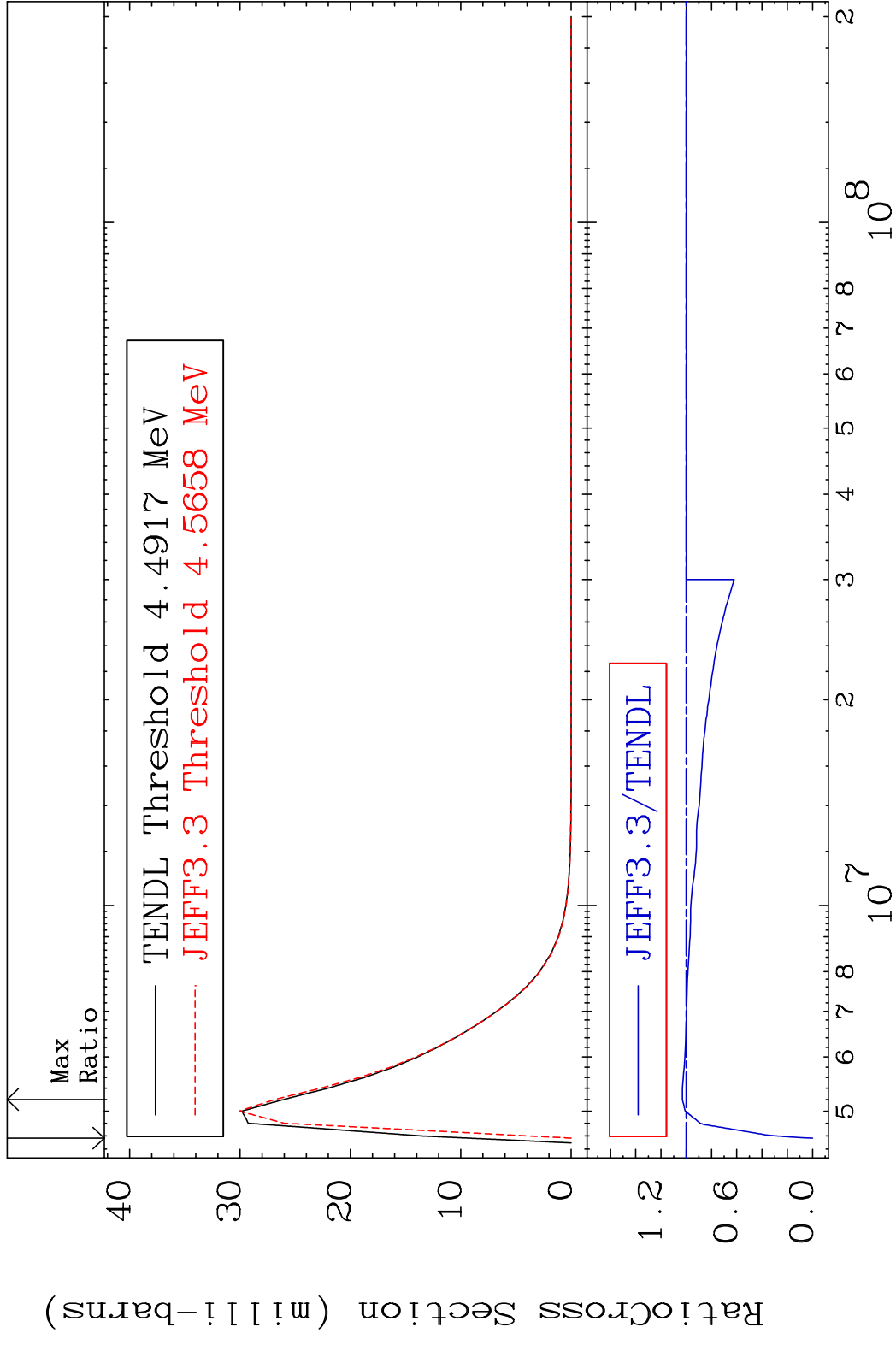
MAT 3837 MT= 76 (n,n') Level 38-Sr-88
 Cross Section -100.0 To 3522. %



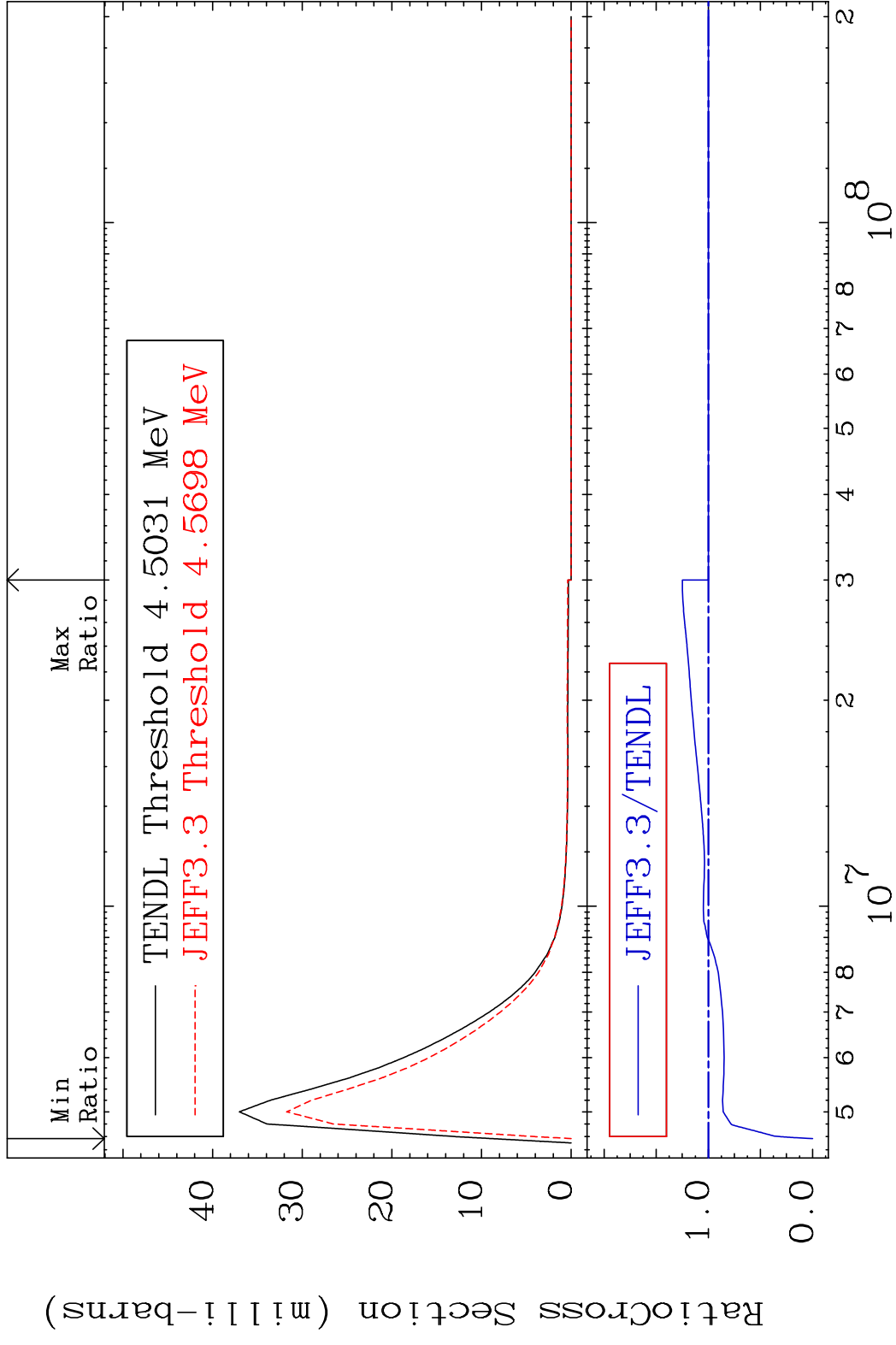
MAT 3837 MT= 77 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 0.000 %



MAT 3837 MT= 78 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 3.081 %

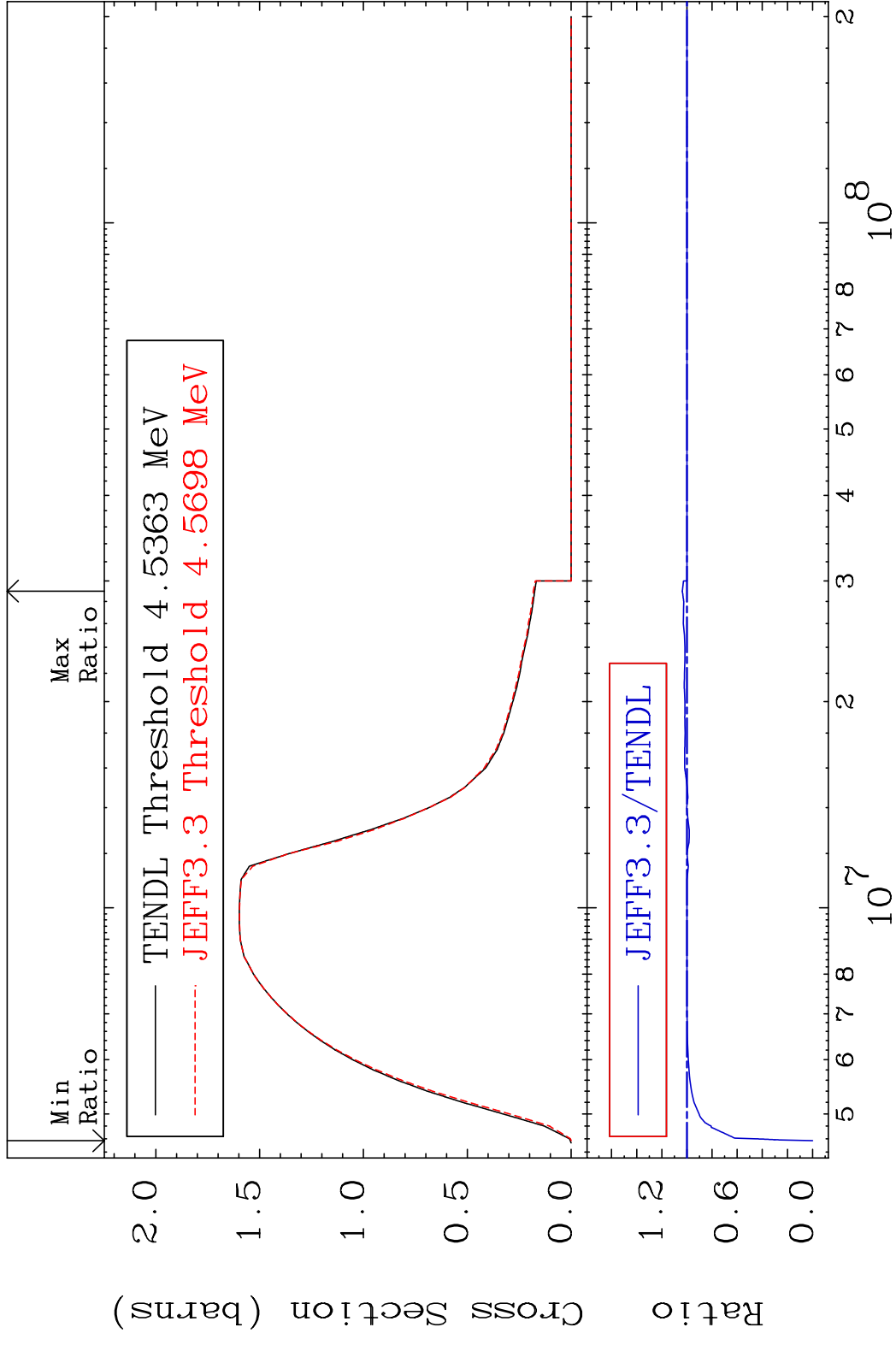


MAT 3837 MT= 79 (n, n') Level 38-Sr-88
 Cross Section -100.0 To 24.89 %



44 Incident Energy (eV) 38-Sr-88

MAT 3837 (n, n') Continuum 38-Sr-88
 Cross Section -100.0 To 3.651 %



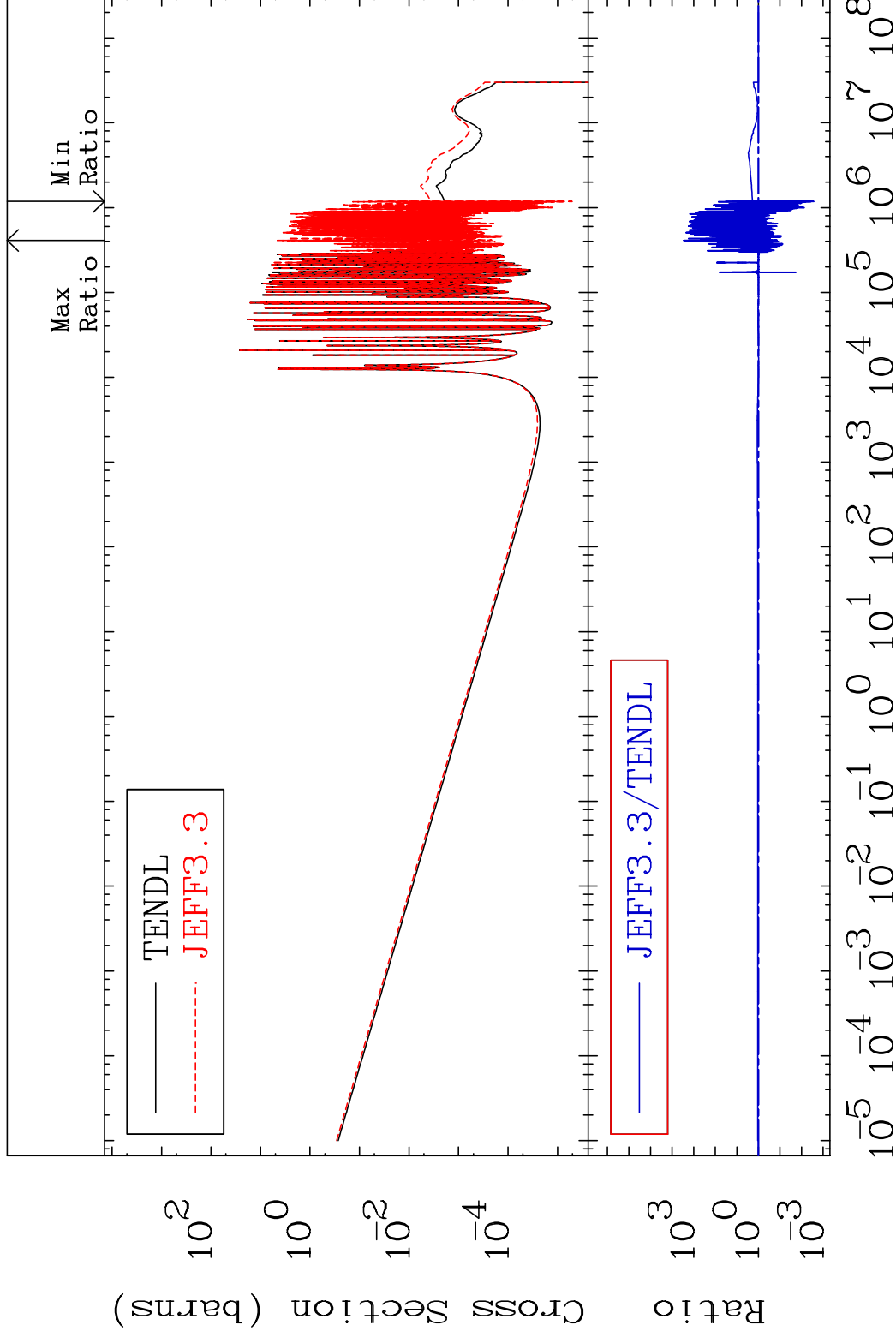
MAT 3837

(n, γ)

38-Sr-88

Cross Section

-99.74 To 9999. %



46

Incident Energy (eV)

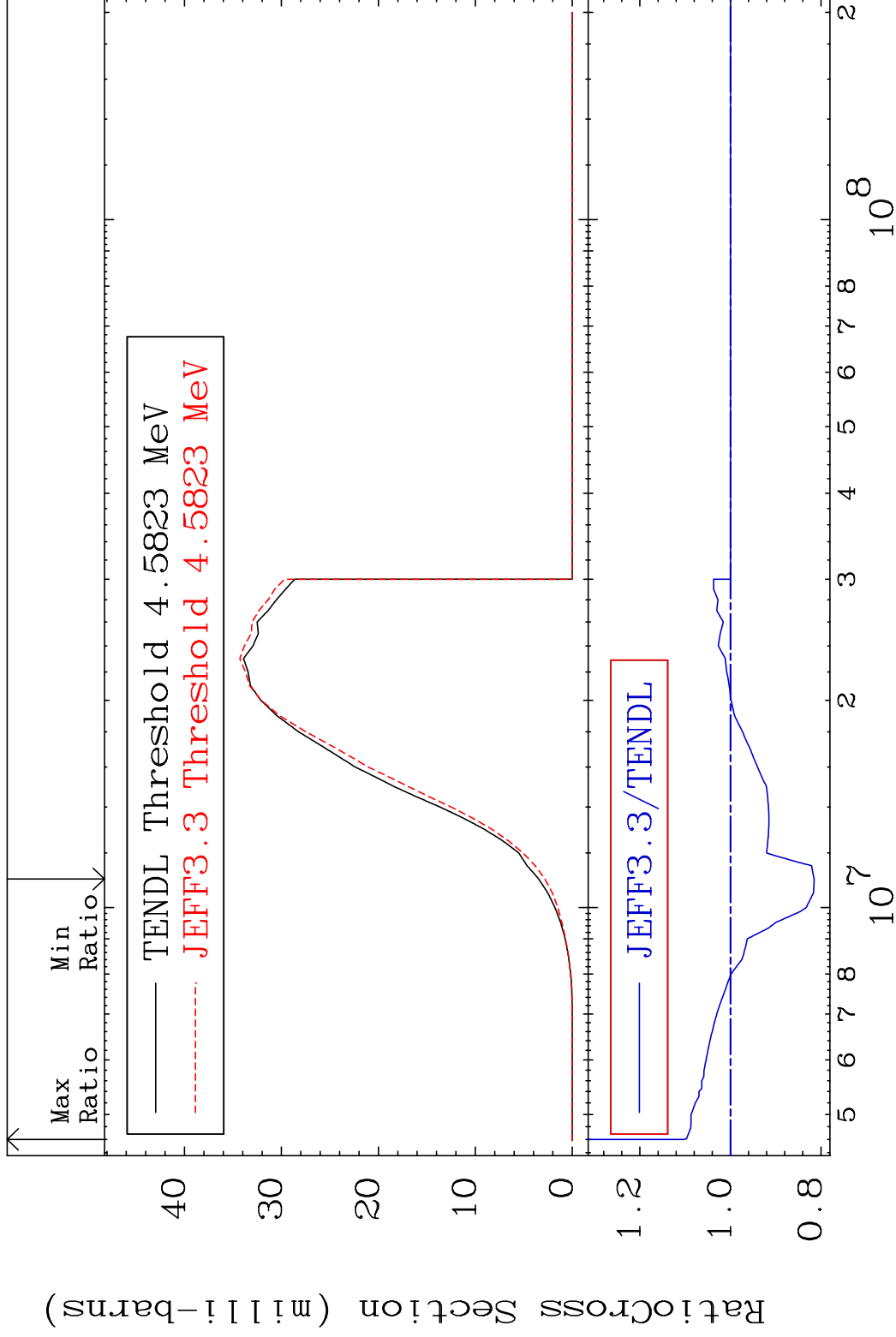
38-Sr-88

MAT 3837

(n,p)

38-Sr-88

Cross Section -18.49 To 10.34 %

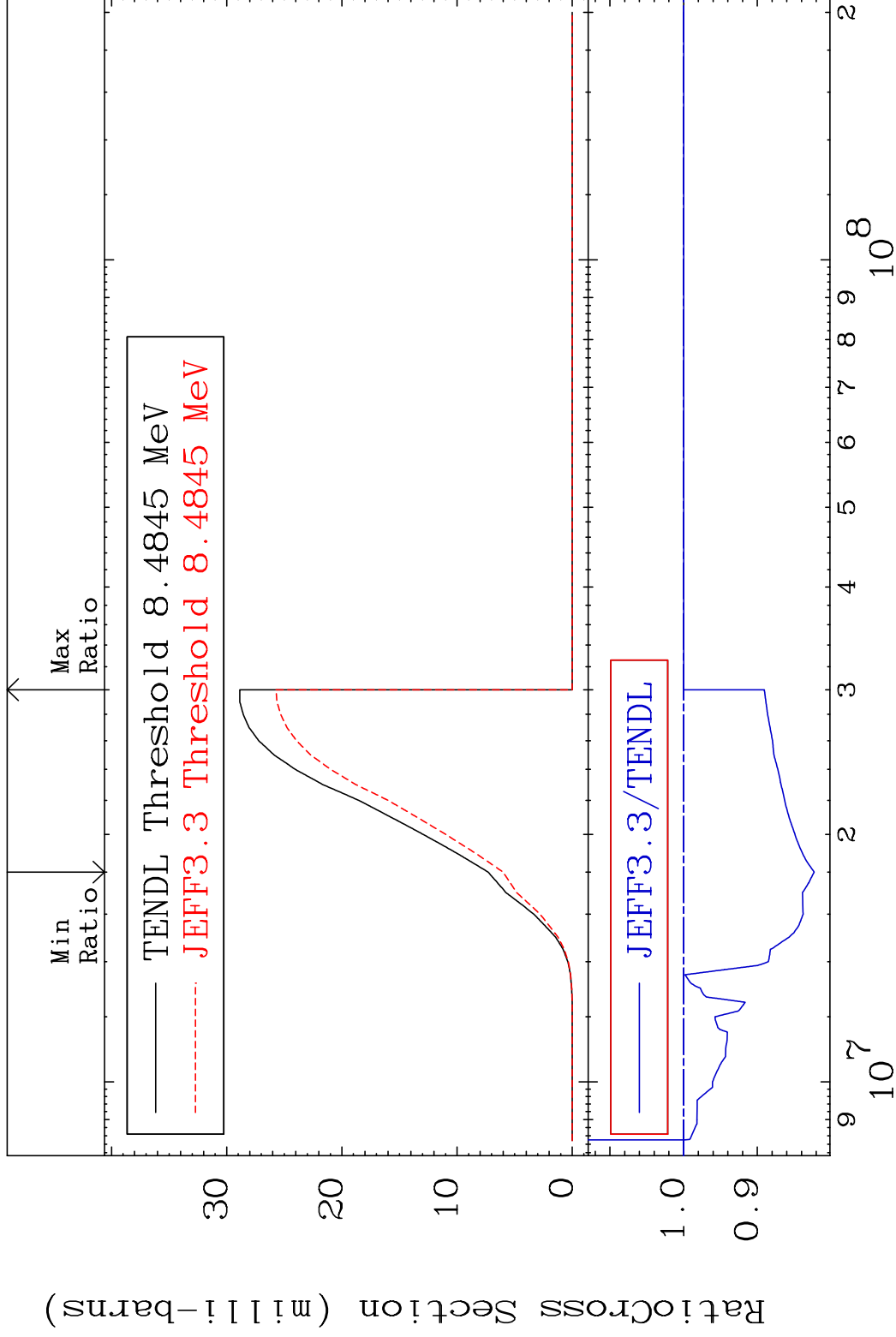


MAT 3837

(n, d)

38-Sr-88

Cross Section -17.70 To 0.000 %



48

Incident Energy (eV)

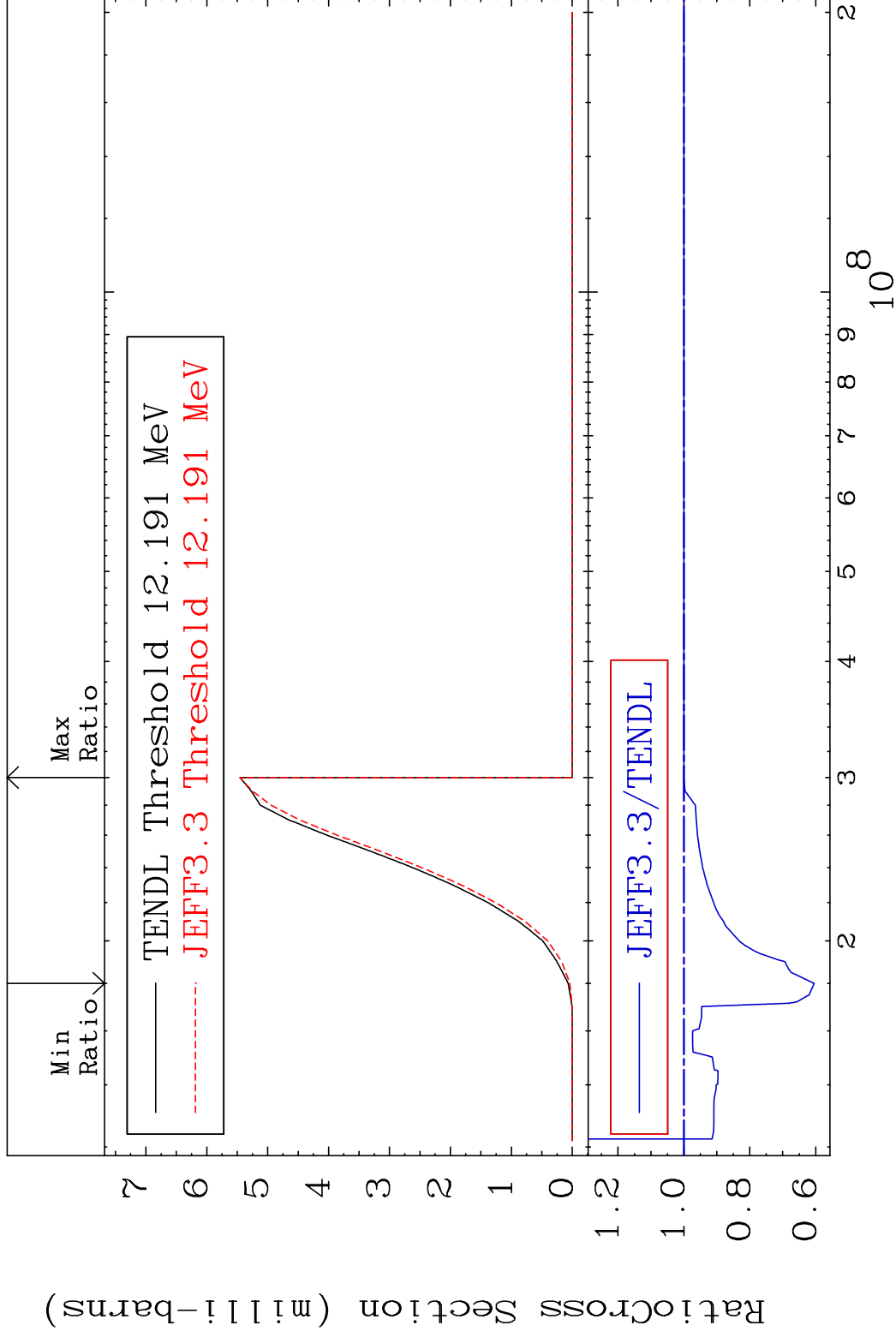
38-Sr-88

MAT 3837

(n, t)

38-Sr-88

Cross Section -39.52 To 0.067 %



49

Incident Energy (eV)

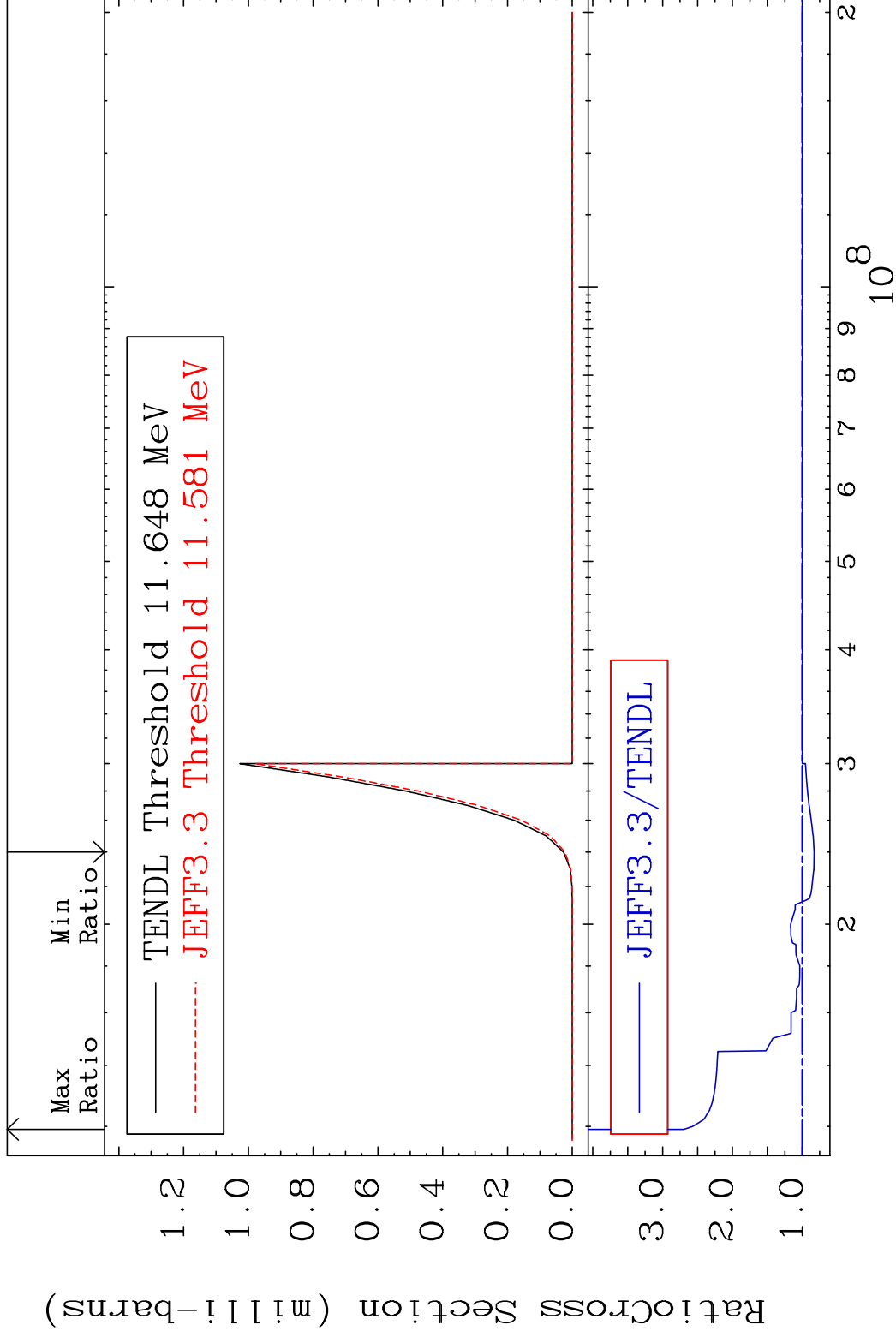
38-Sr-88

MAT 3837

(n, He-3)

38-Sr-88

Cross Section -16.92 To 169.9 %



50

Incident Energy (eV)

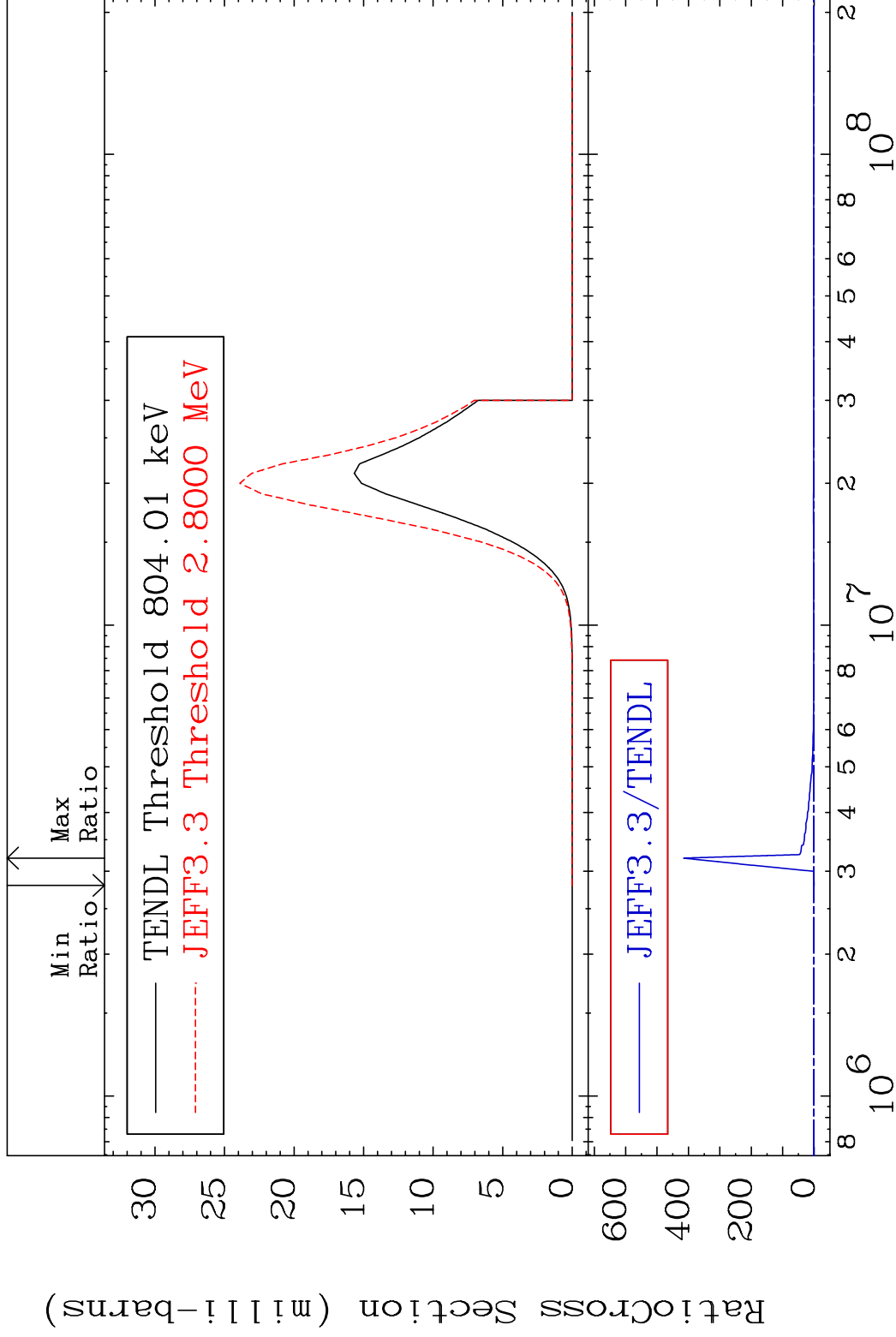
38-Sr-88

MAT 3837

(n, α)

38-Sr-88

Cross Section -100.0 To 9999. %



51

Incident Energy (eV)

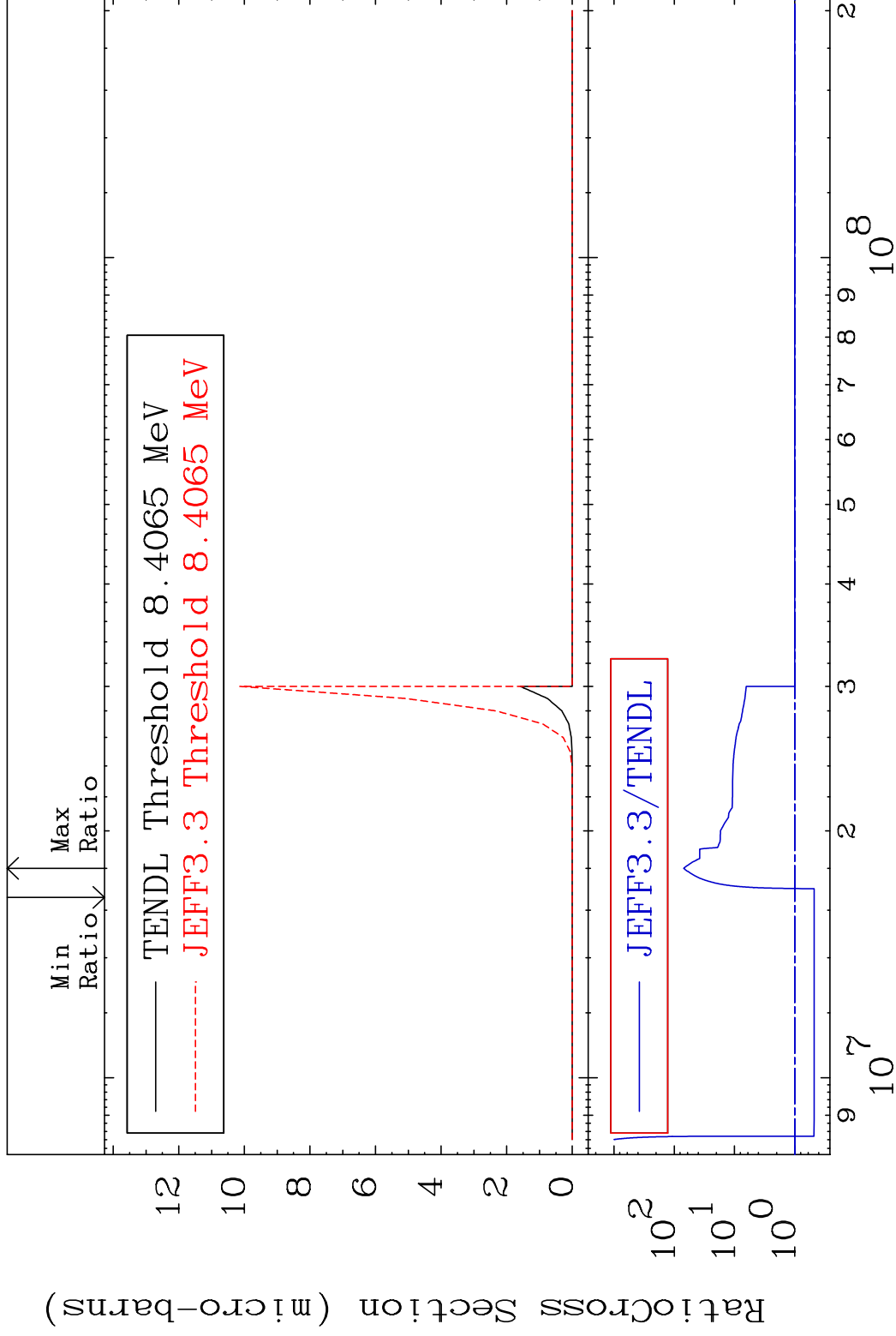
38-Sr-88

MAT 3837

(n,2α)

38-Sr-88

Cross Section -52.25 To 6873. %



52

Incident Energy (eV)

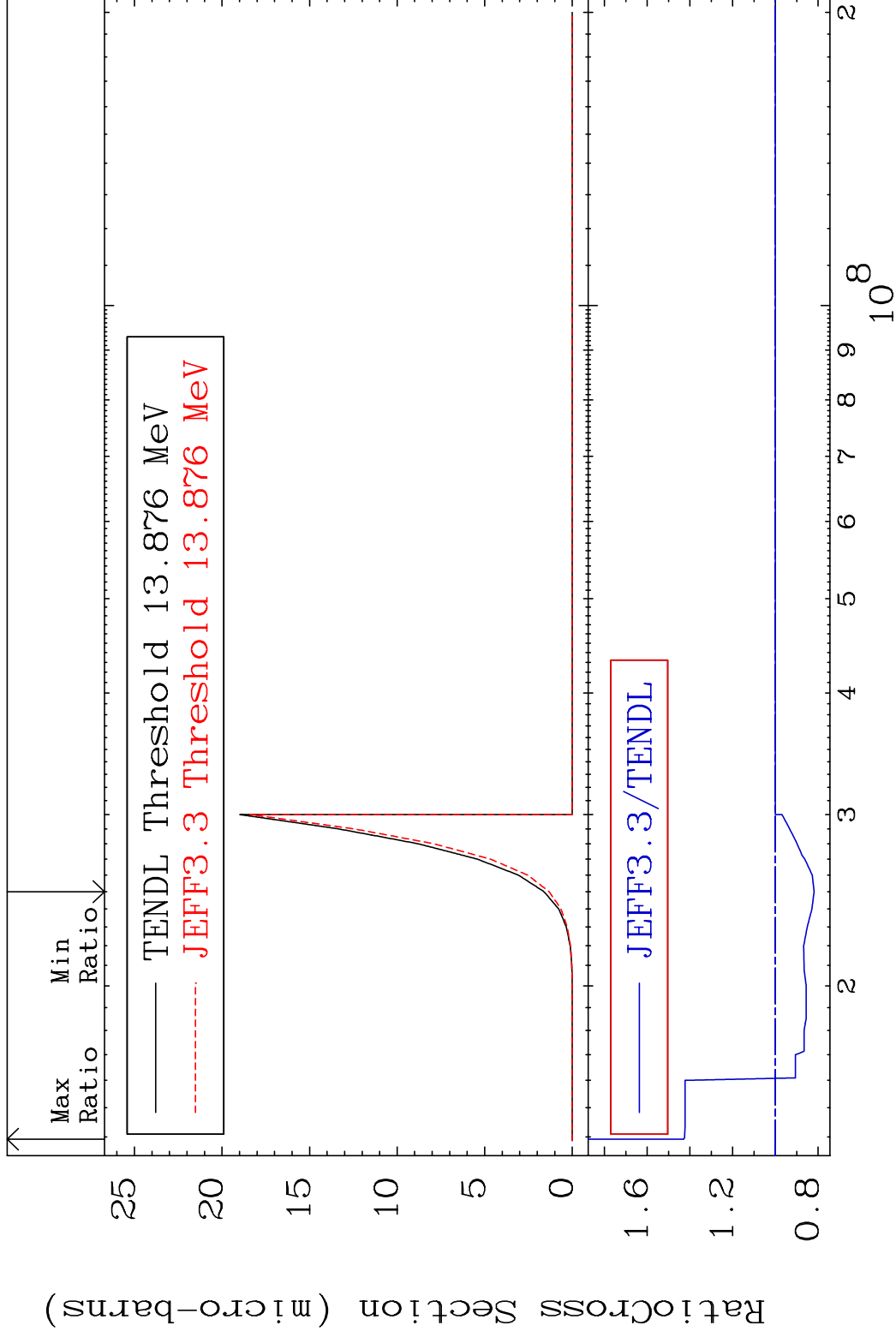
38-Sr-88

MAT 3837

(n,2p)

38-Sr-88

Cross Section -18.12 To 42.93 %



53

Incident Energy (eV)

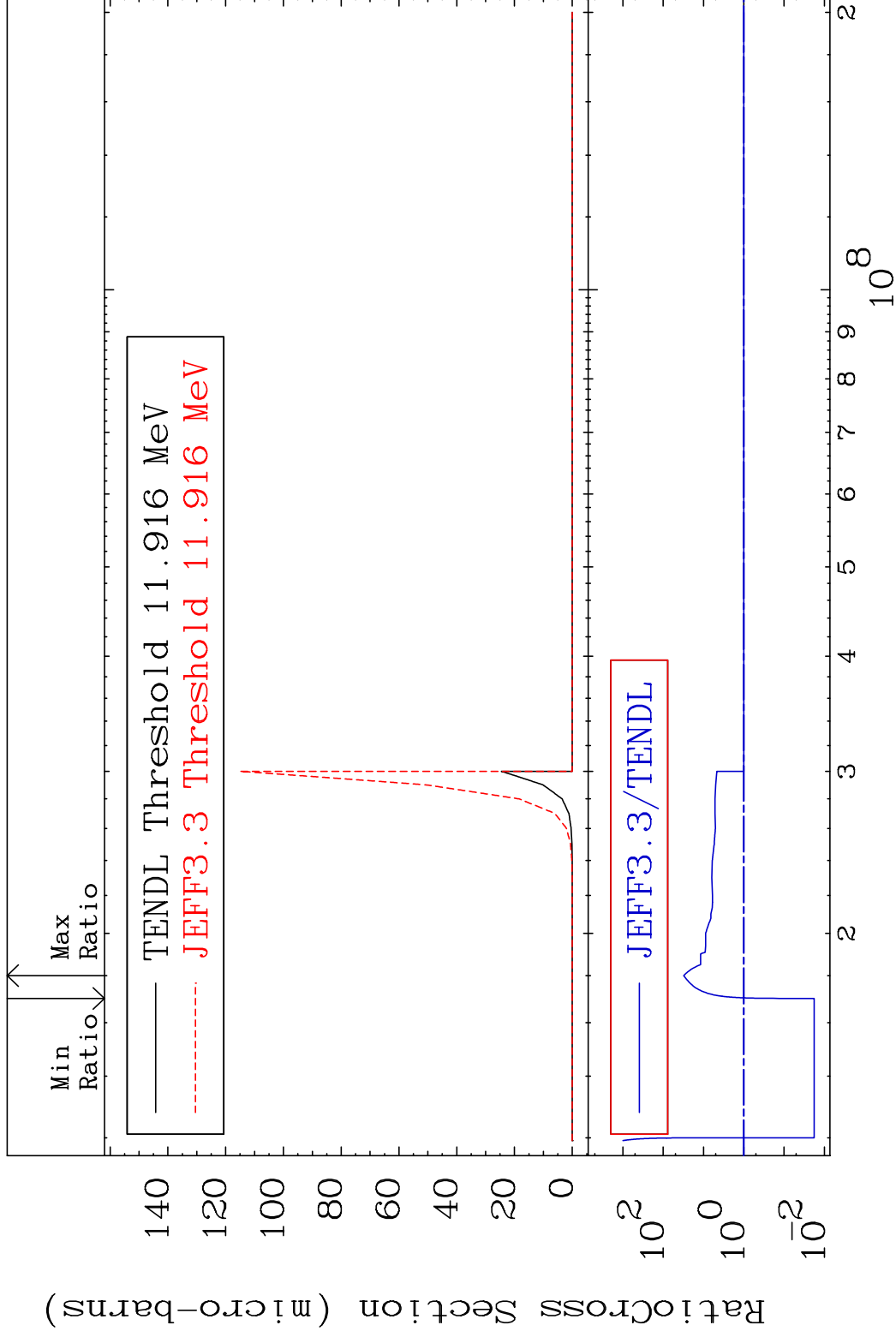
38-Sr-88

MAT 3837

(n,p) α

38-Sr-88

Cross Section -98.20 To 3012. %

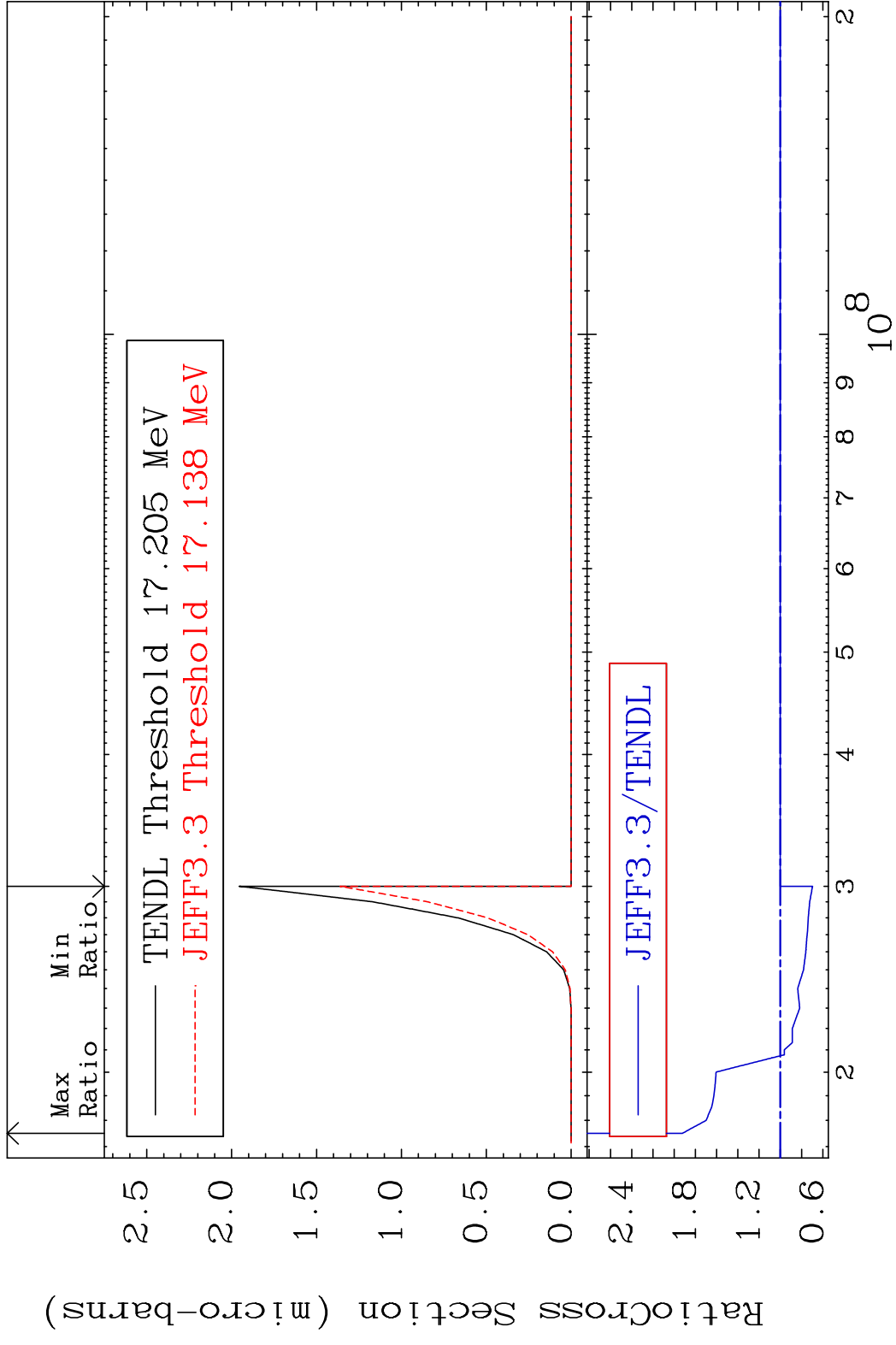


54

Incident Energy (eV)

38-Sr-88

MAT 3837 (n,p) d 38-Sr-88
 Cross Section -30.36 To 92.28 %

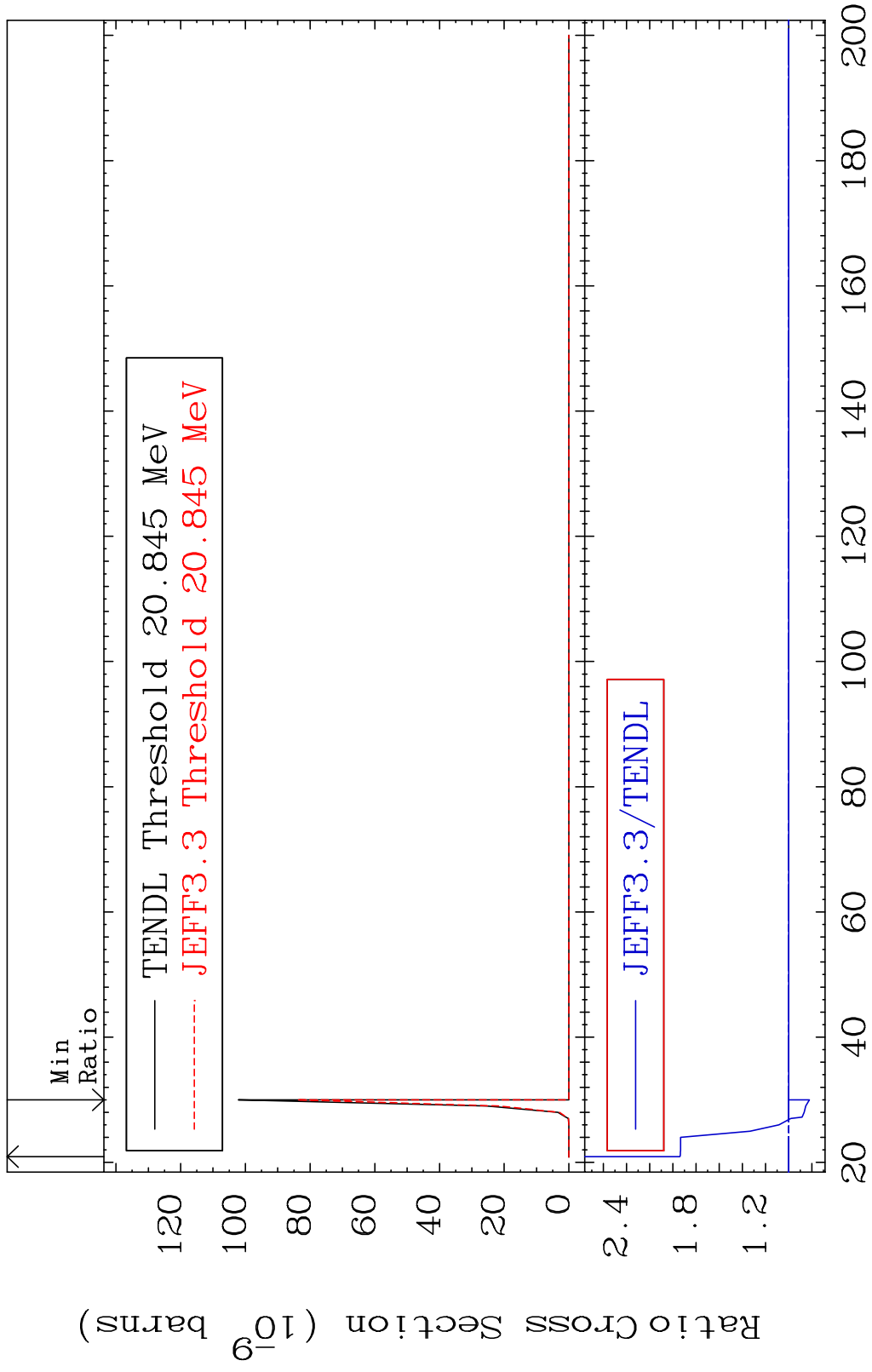


MAT 3837

(n,p) t

38-Sr-88

Cross Section -17.72 To 94.17 %



56

Incident Energy (MeV)

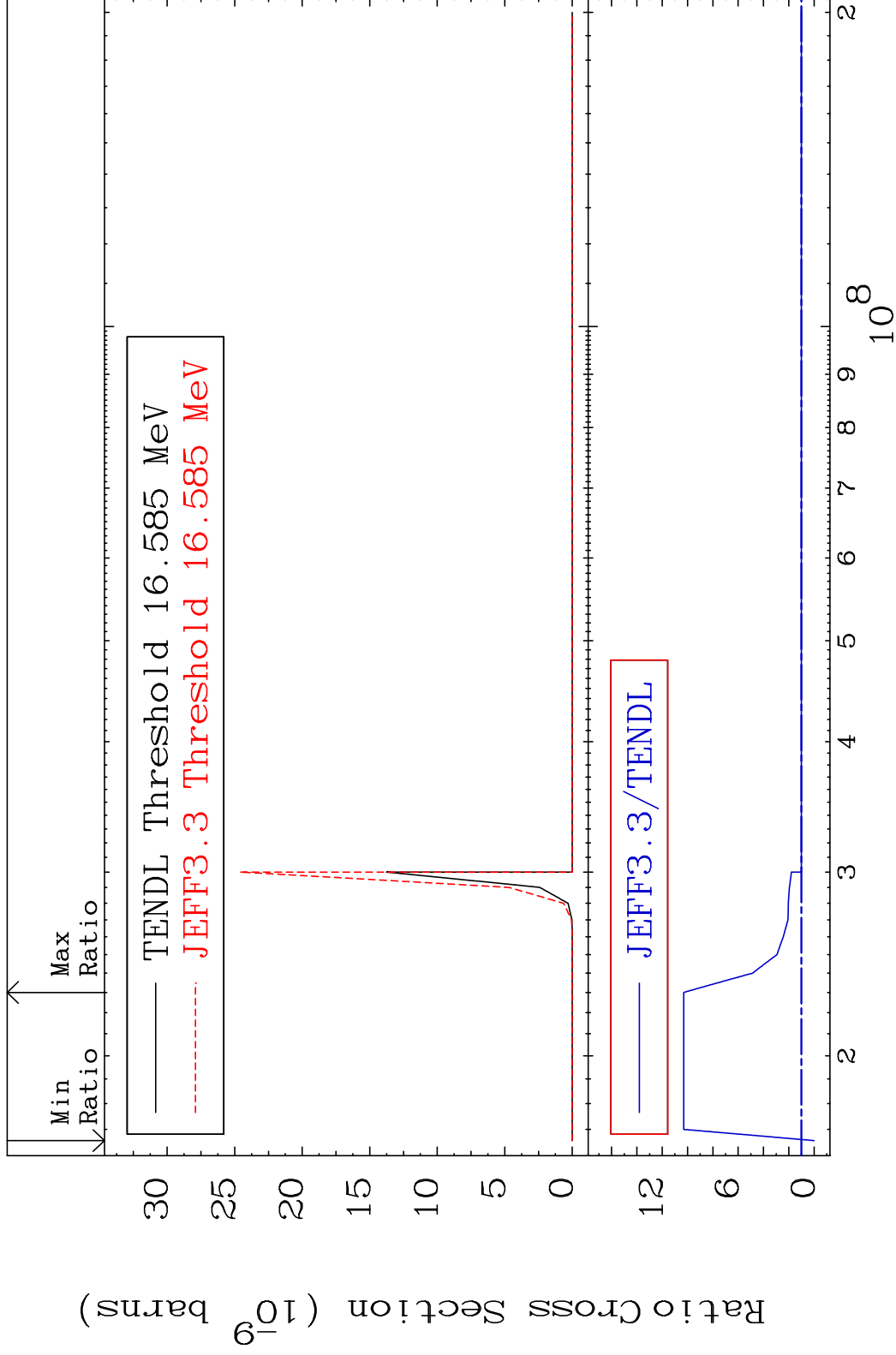
38-Sr-88

MAT 3837

(n,d) α

38-Sr-88

Cross Section -100.0 To 930.6 %



57

Incident Energy (eV)

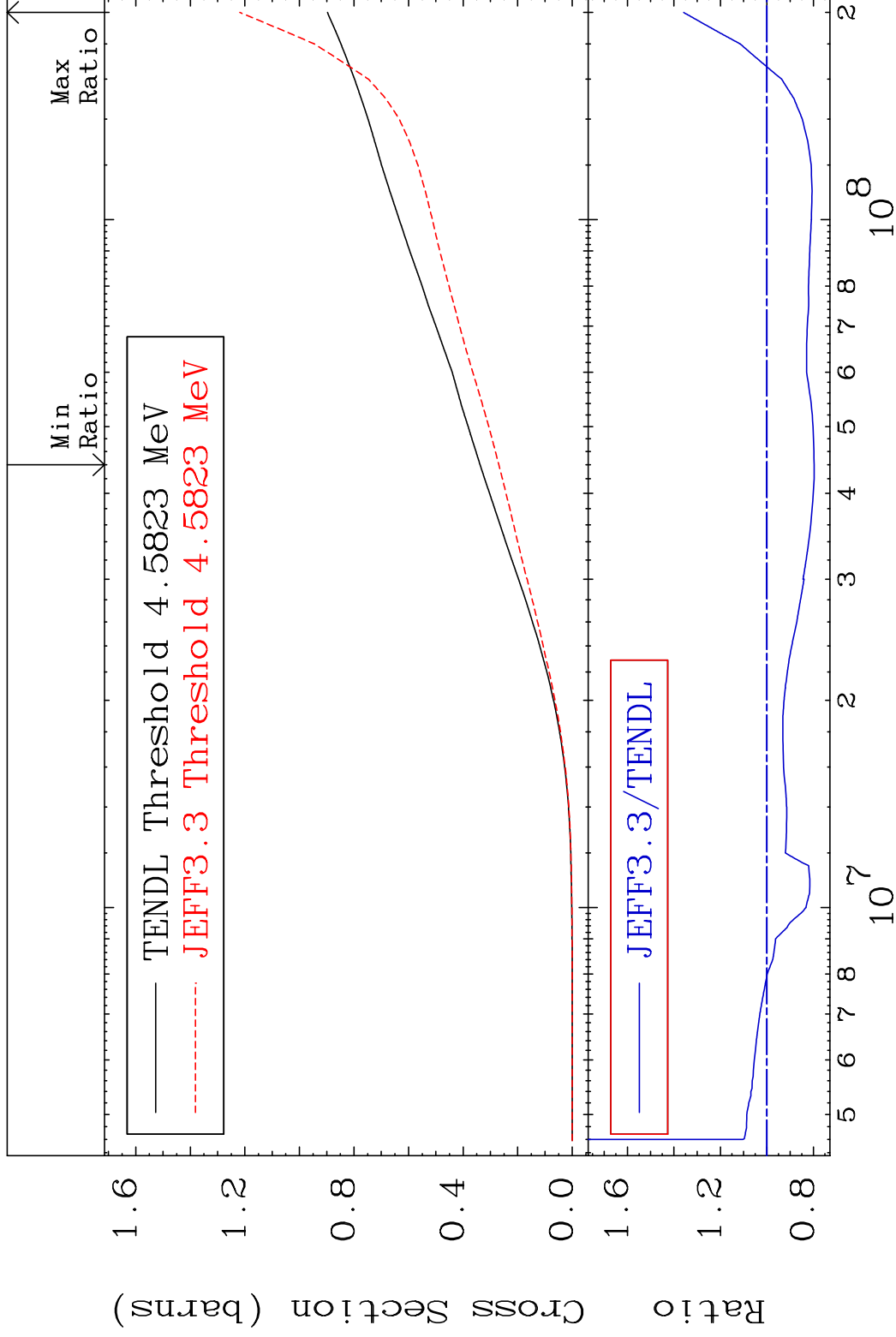
38-Sr-88

MAT 3837

Hydrogen Production

38-Sr-88

Cross Section -20.32 To 35.80 %



58

Incident Energy (eV)

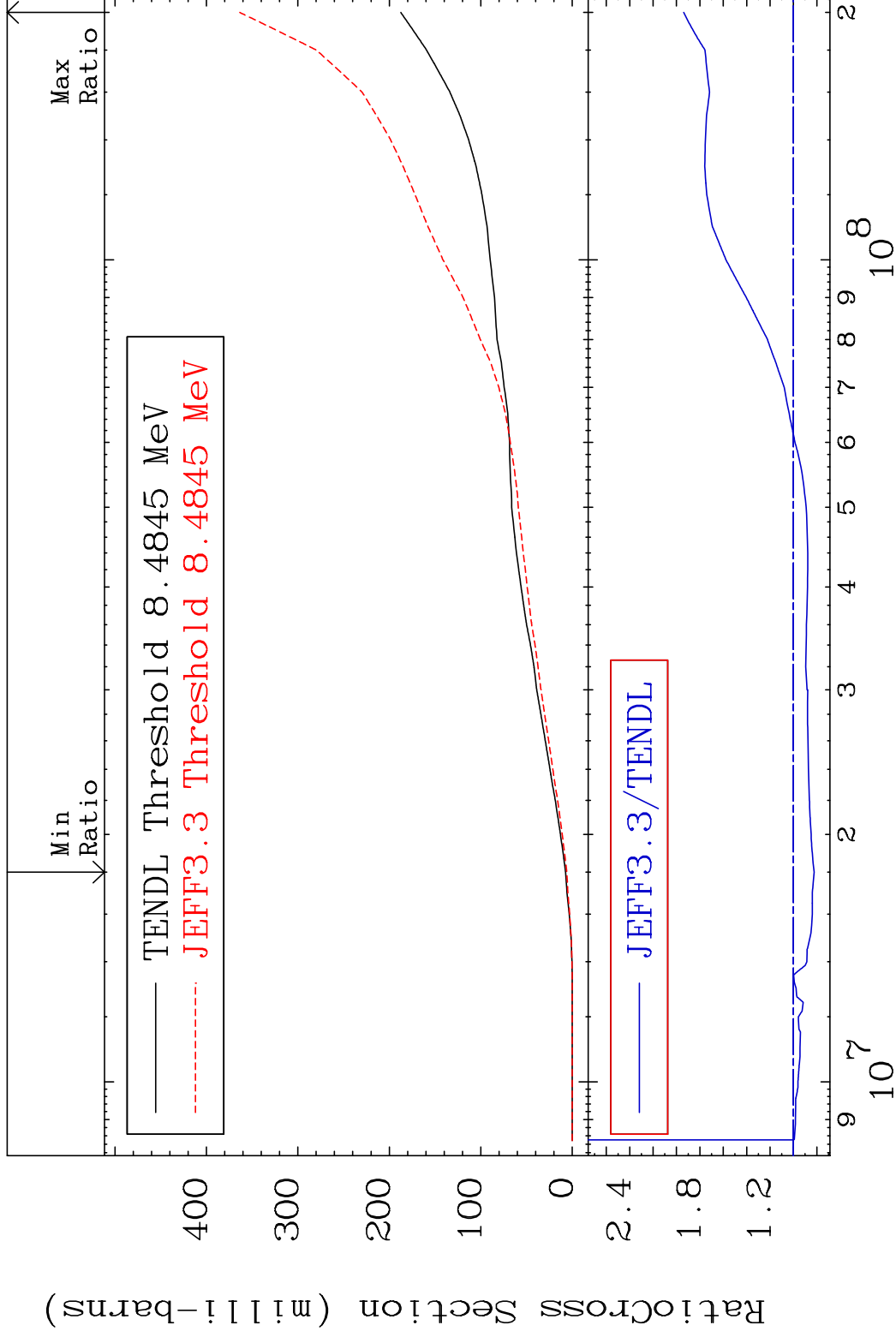
38-Sr-88

MAT 3837

Deuterium Production

38-Sr-88

Cross Section -17.70 To 93.87 %



59

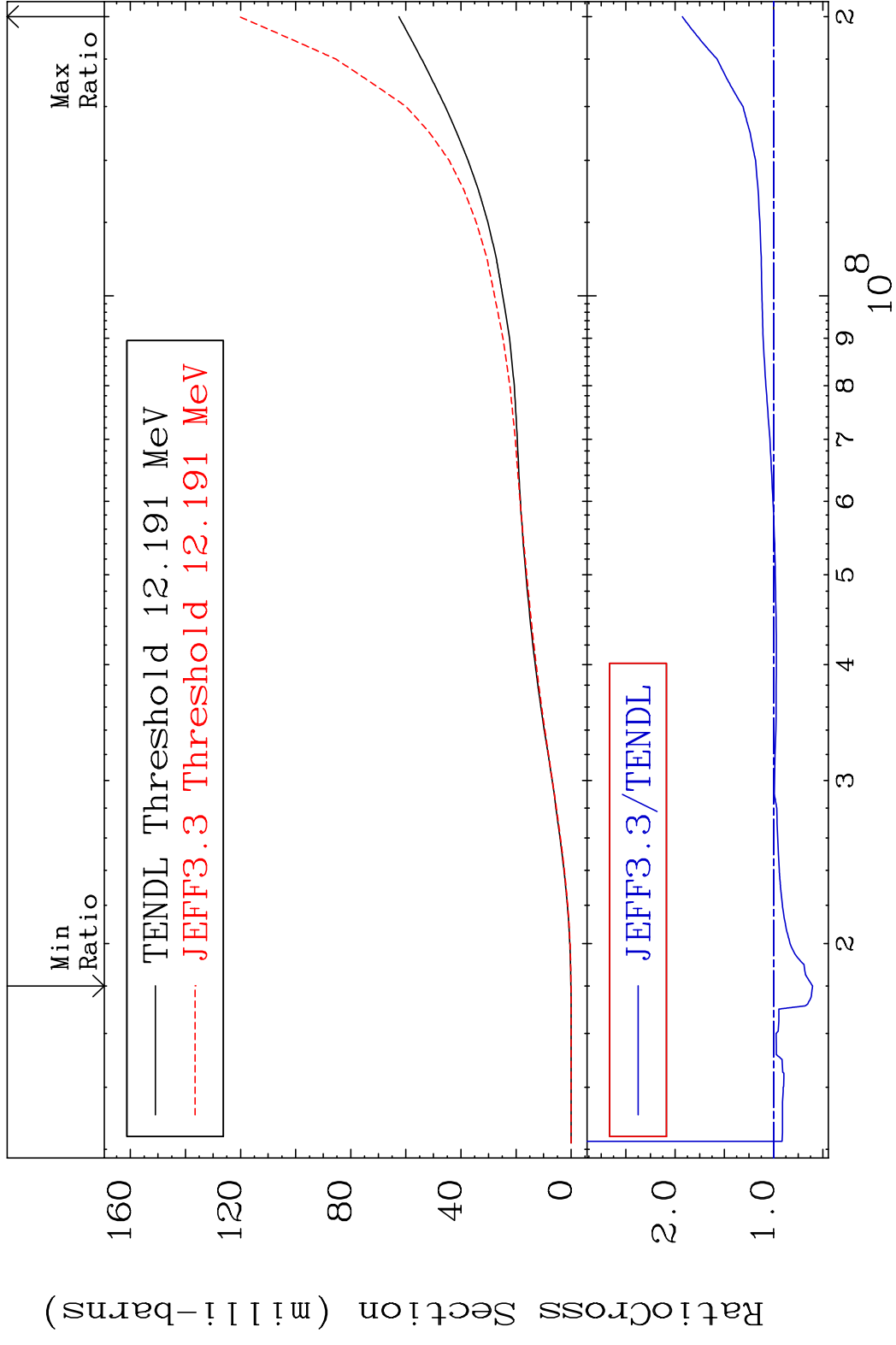
Incident Energy (eV)

38-Sr-88

MAT 3837

Tritium Production
Cross Section -39.52 To 92.57 %

38-Sr-88



60

Incident Energy (eV)

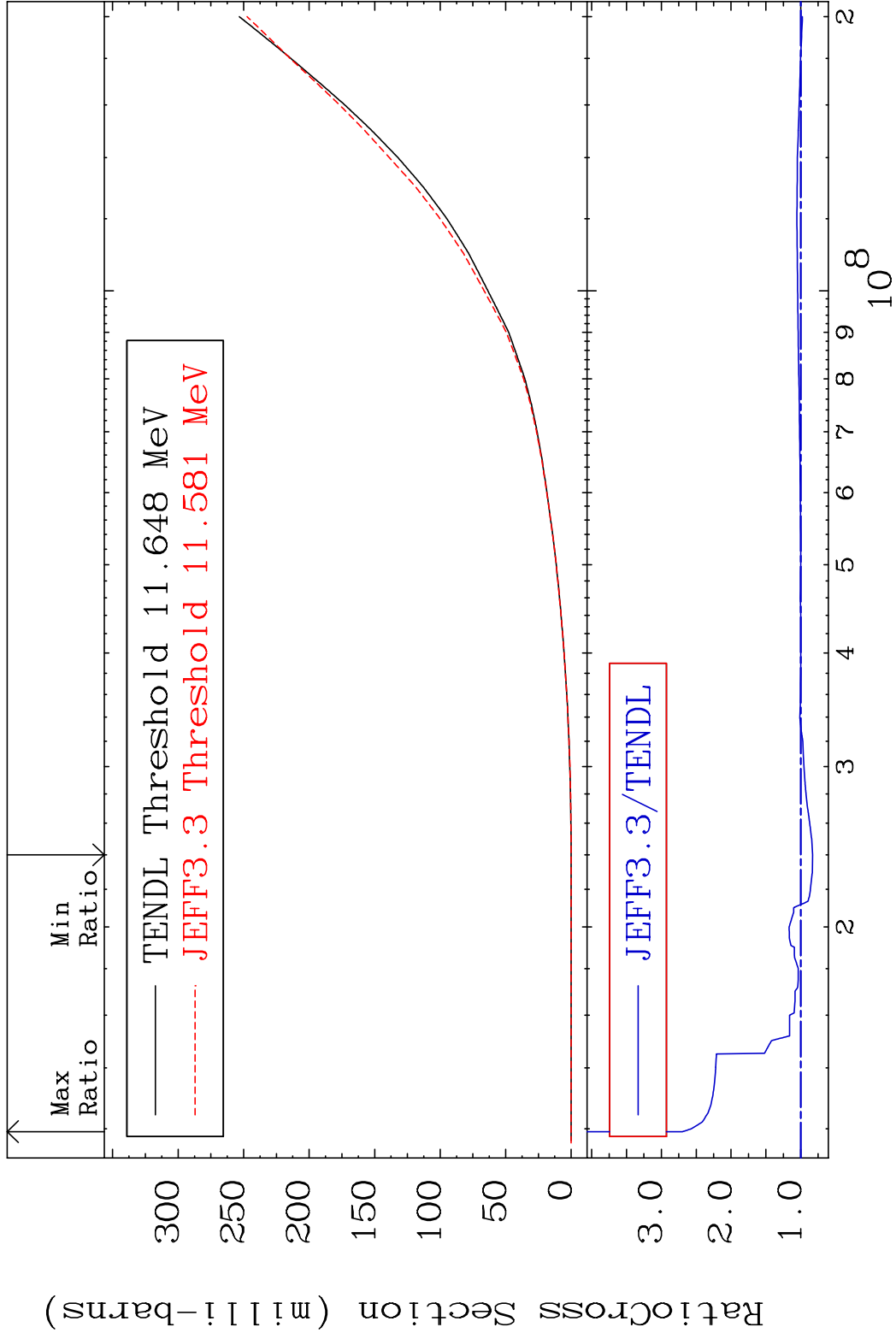
38-Sr-88

MAT 3837

He-3 Production

38-Sr-88

Cross Section -16.92 To 169.9 %



61

Incident Energy (eV)

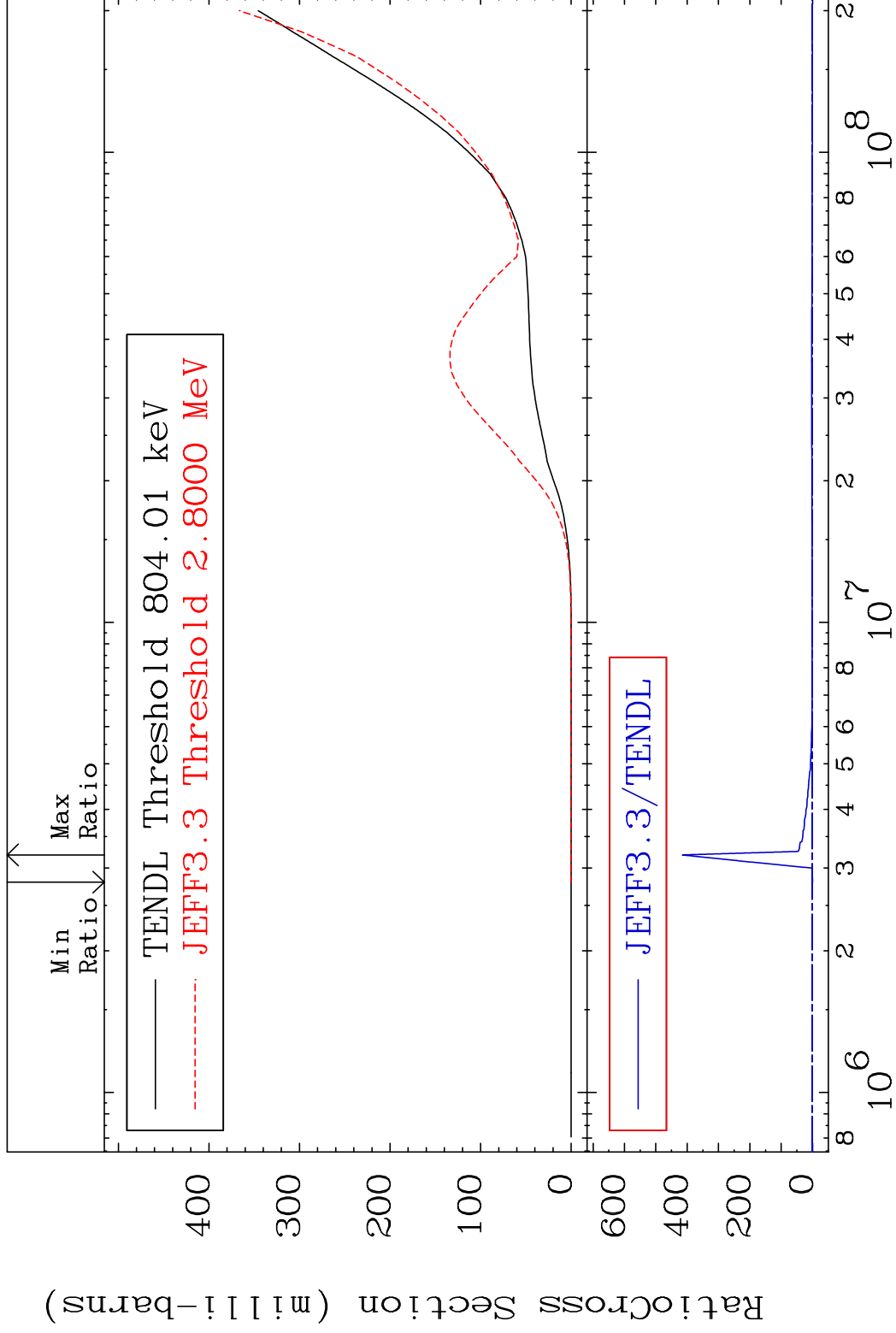
38-Sr-88

MAT 3837

He-4 Production

38-Sr-88

Cross Section -100.0 To 9999. %



62

Incident Energy (eV)

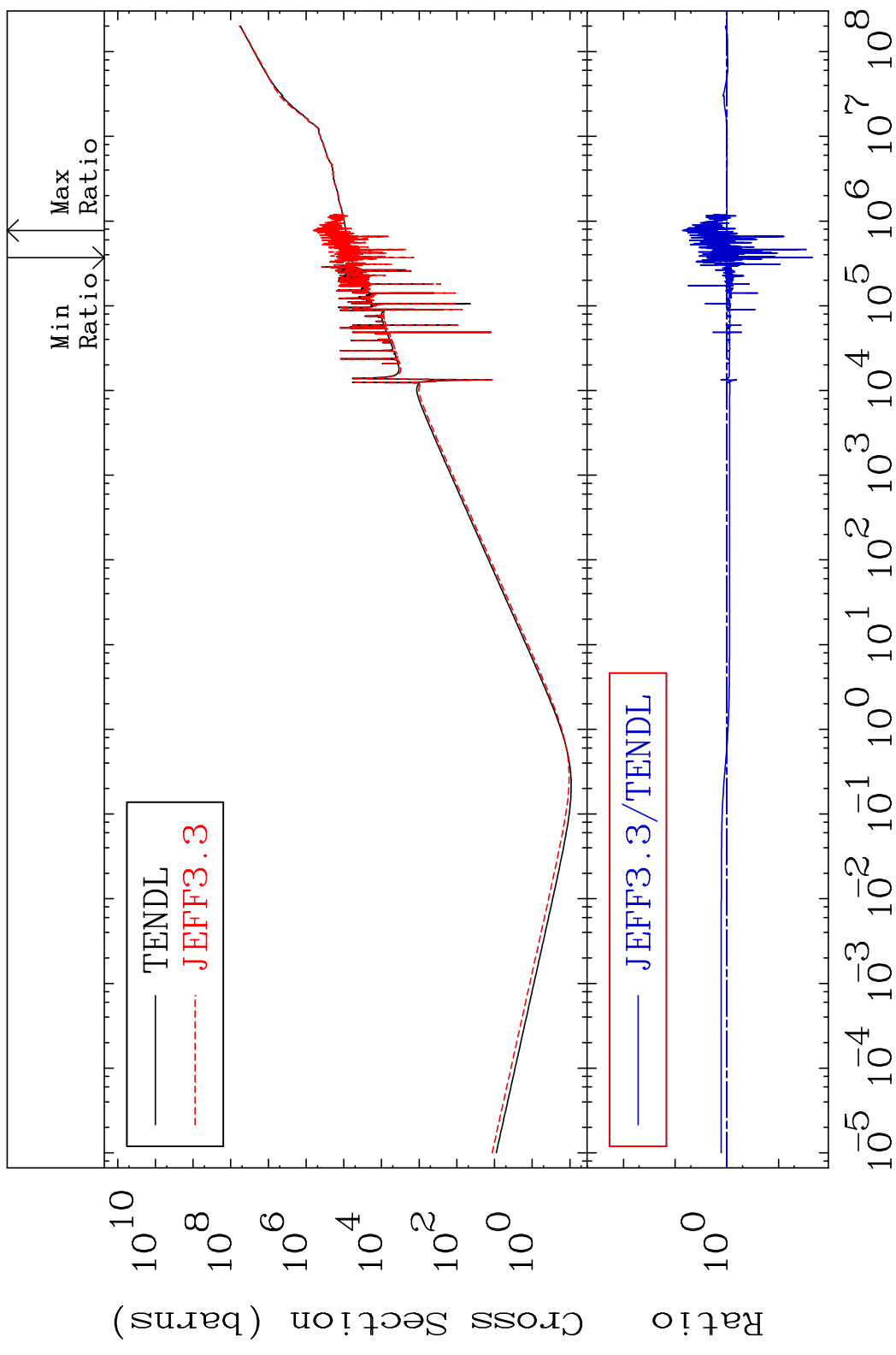
38-Sr-88

MAT 3837

Kerma total (eV-barns)

38-Sr-88

Cross Section -97.79 To 627.2 %



63

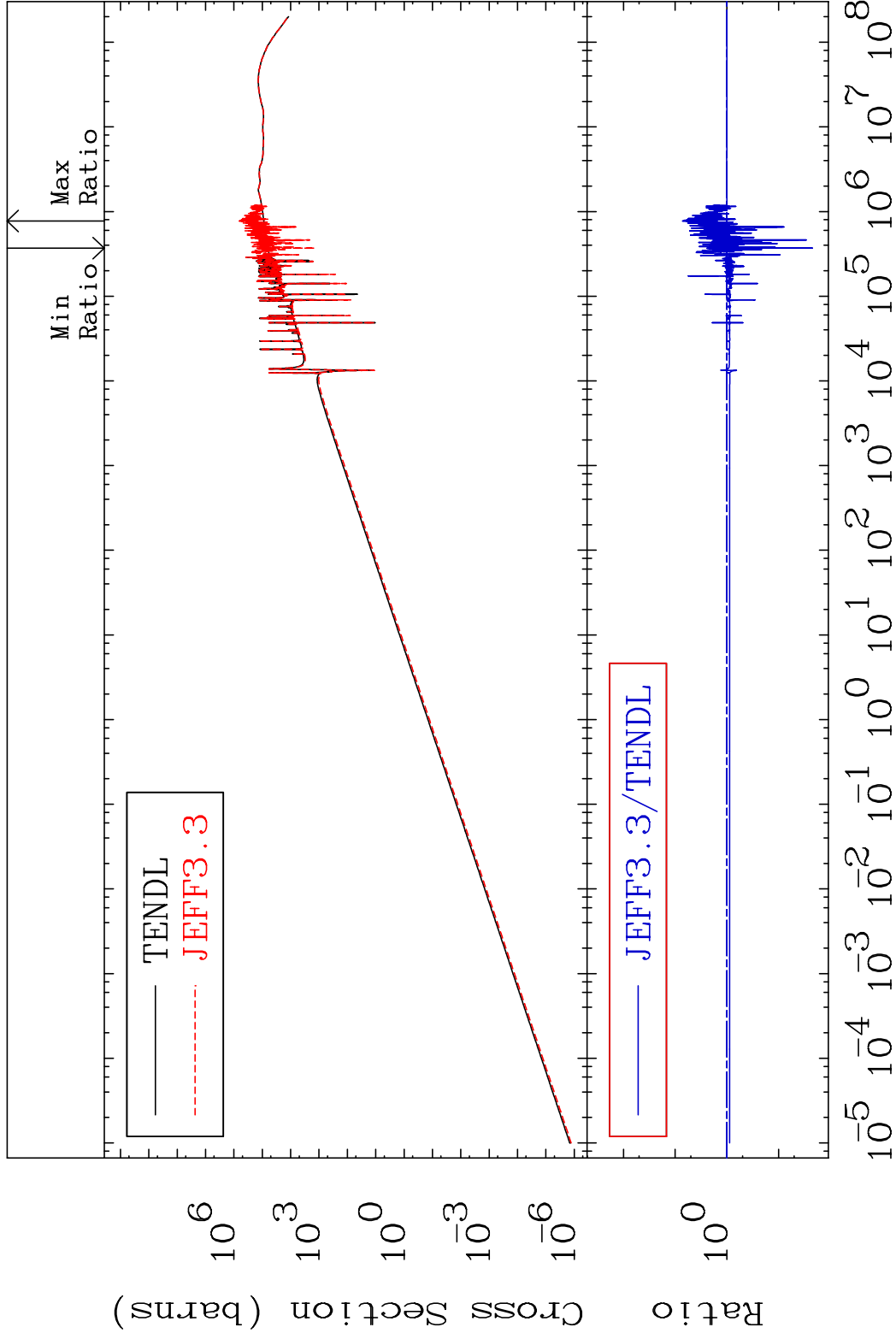
Incident Energy (eV)

38-Sr-88

MAT 3837

Kerma elastic
Cross Section

38-Sr-88
-97.79 To 627.2 %

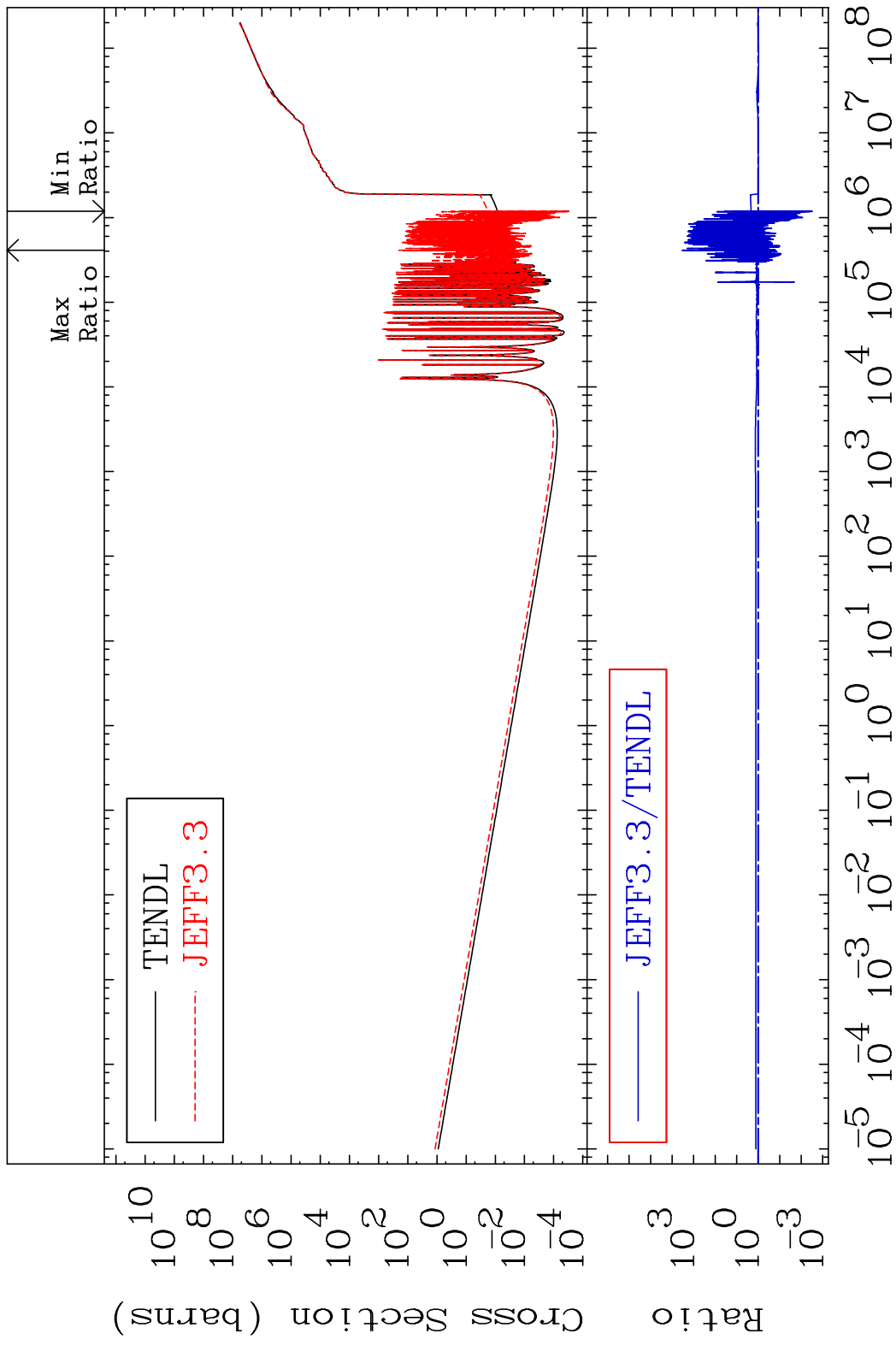


64

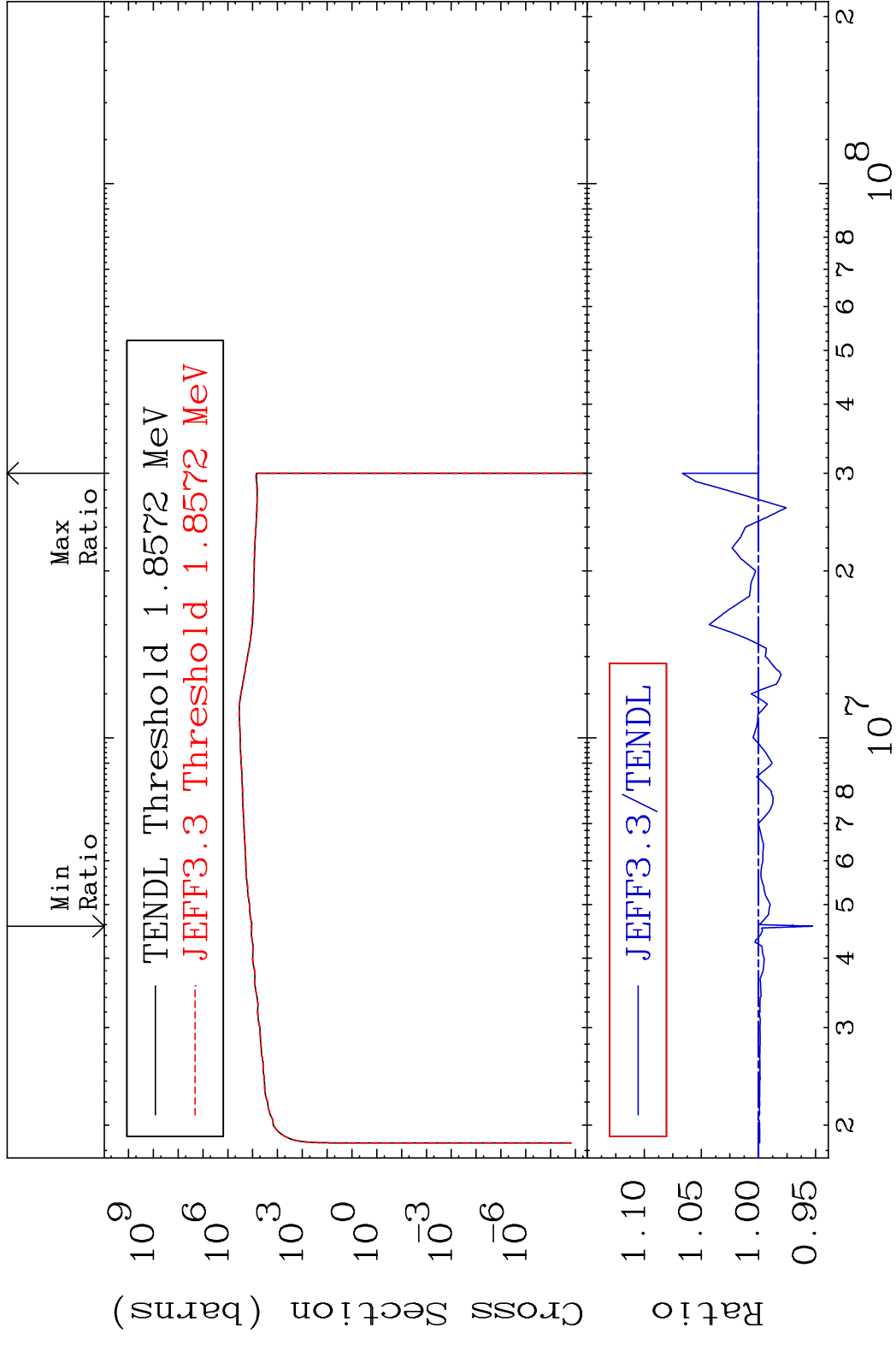
Incident Energy (eV)

38-Sr-88

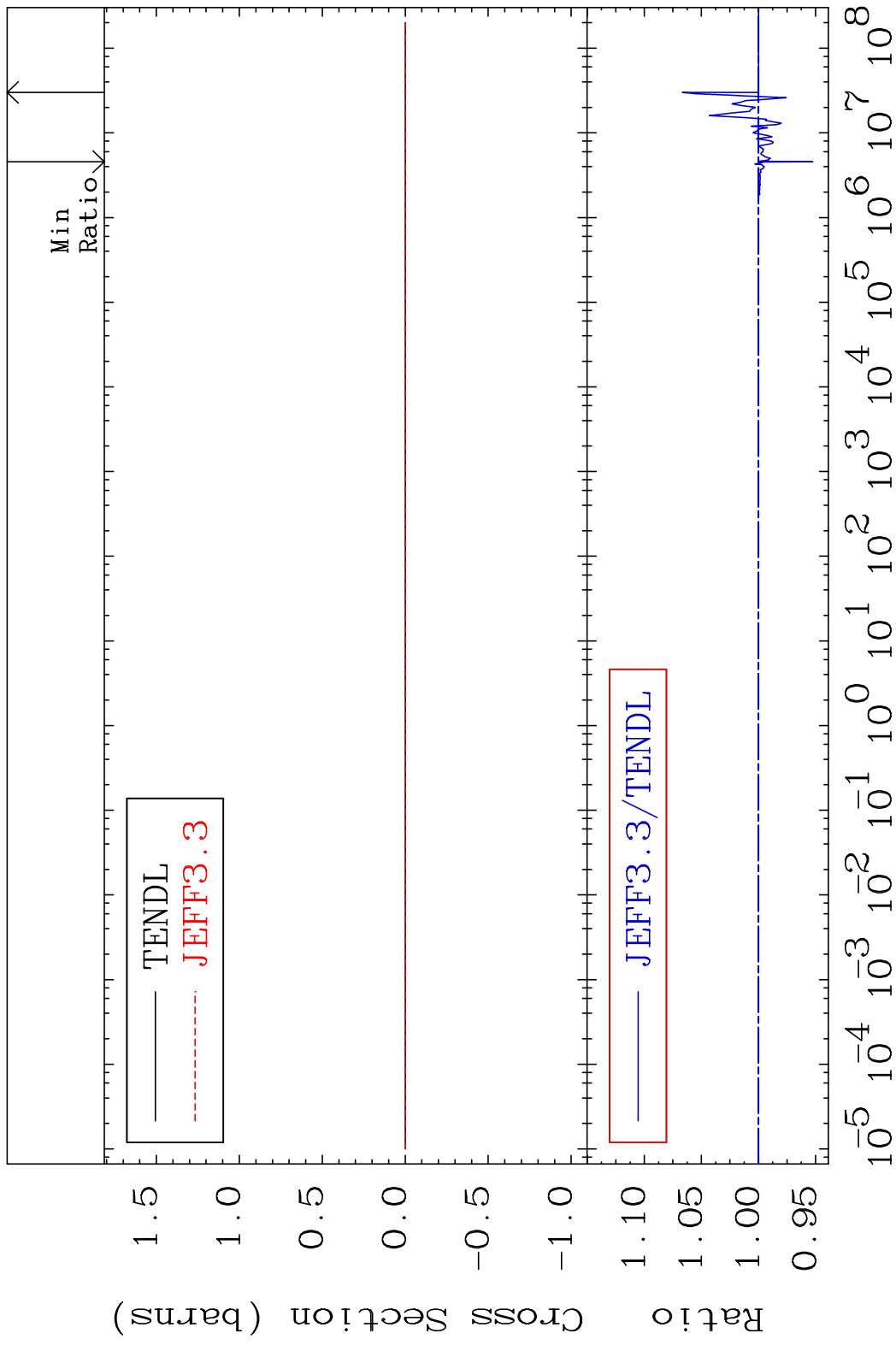
MAT 3837 Kerma non-elastic (all but mt2) 38-Sr-88
 Cross Section -99.70 To 9999. %



MAT 3837 Kerma inelastic (mt51-91) 38-Sr-88
 Cross Section -4.739 To 6.668 %



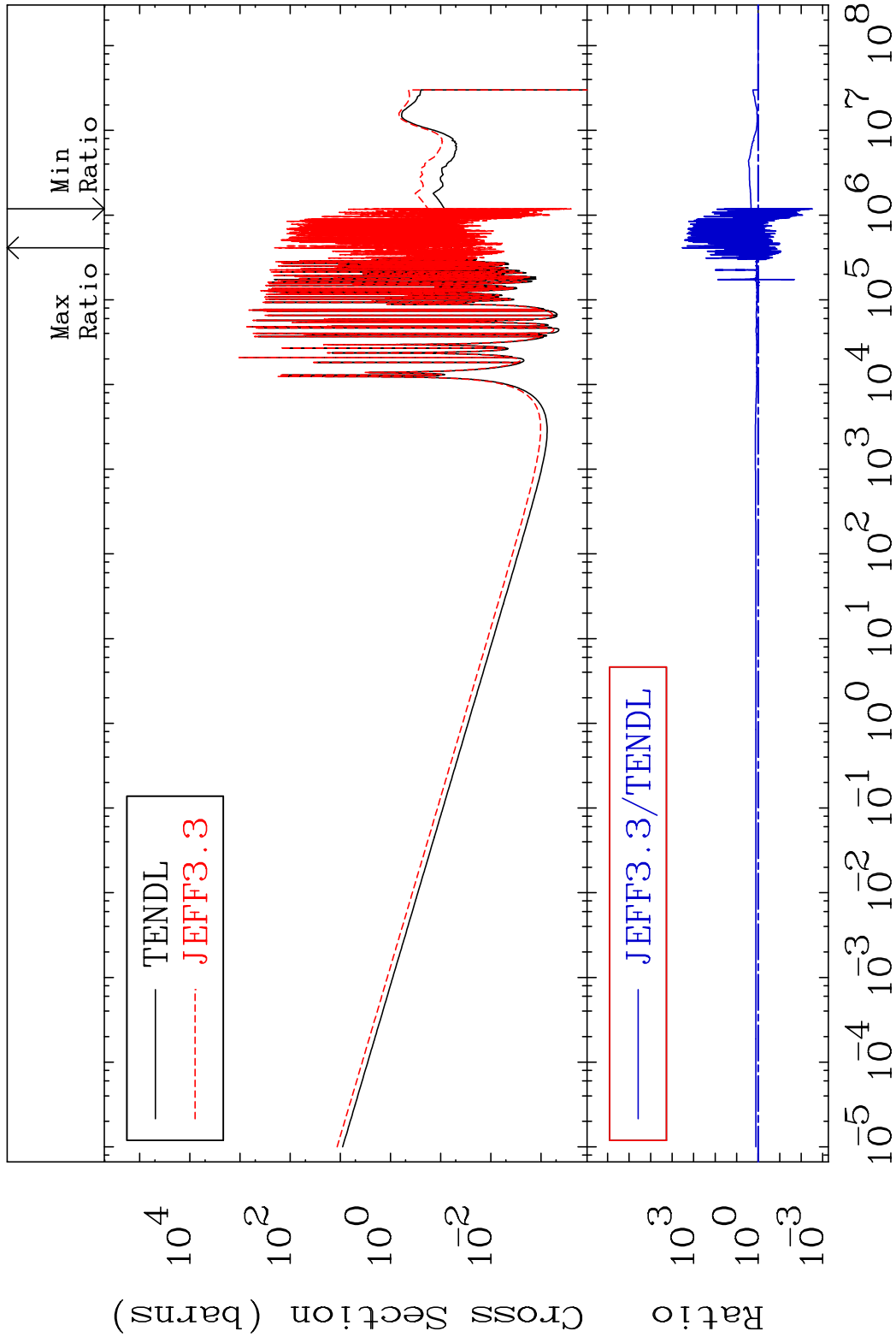
MAT 3837 Kerma fission (mt18 or mt19-20-21-38) 38-Sr-88
 Cross Section -4.739 To 6.668 %



MAT 3837

Kerma capture (mt102) 38-Sr-88

Cross Section -99.70 To 9999. %



68

Incident Energy (eV)

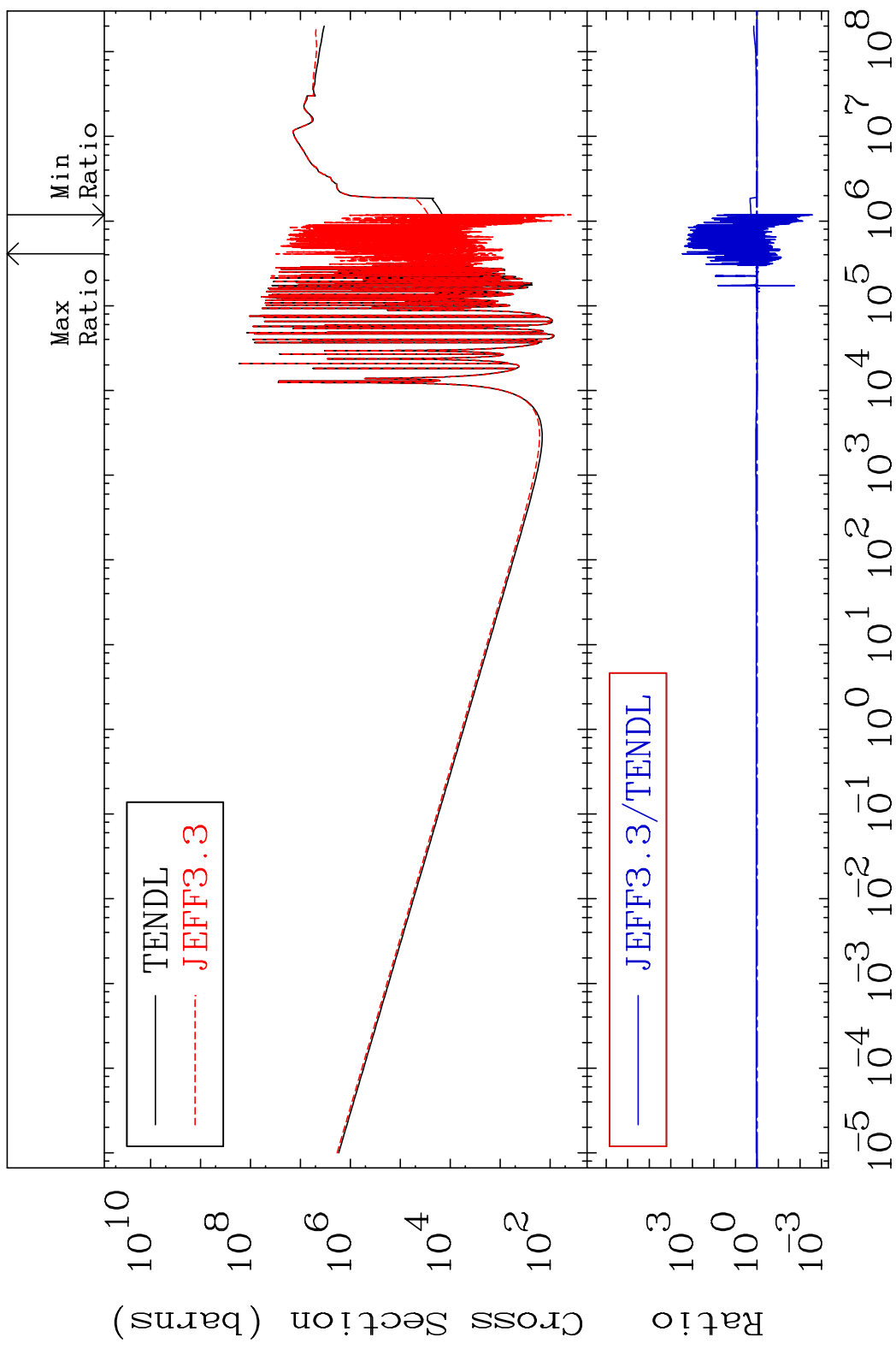
38-Sr-88

MAT 3837

Total photon (eV-barns)

38-Sr-88

Cross Section -99.74 To 9999. %

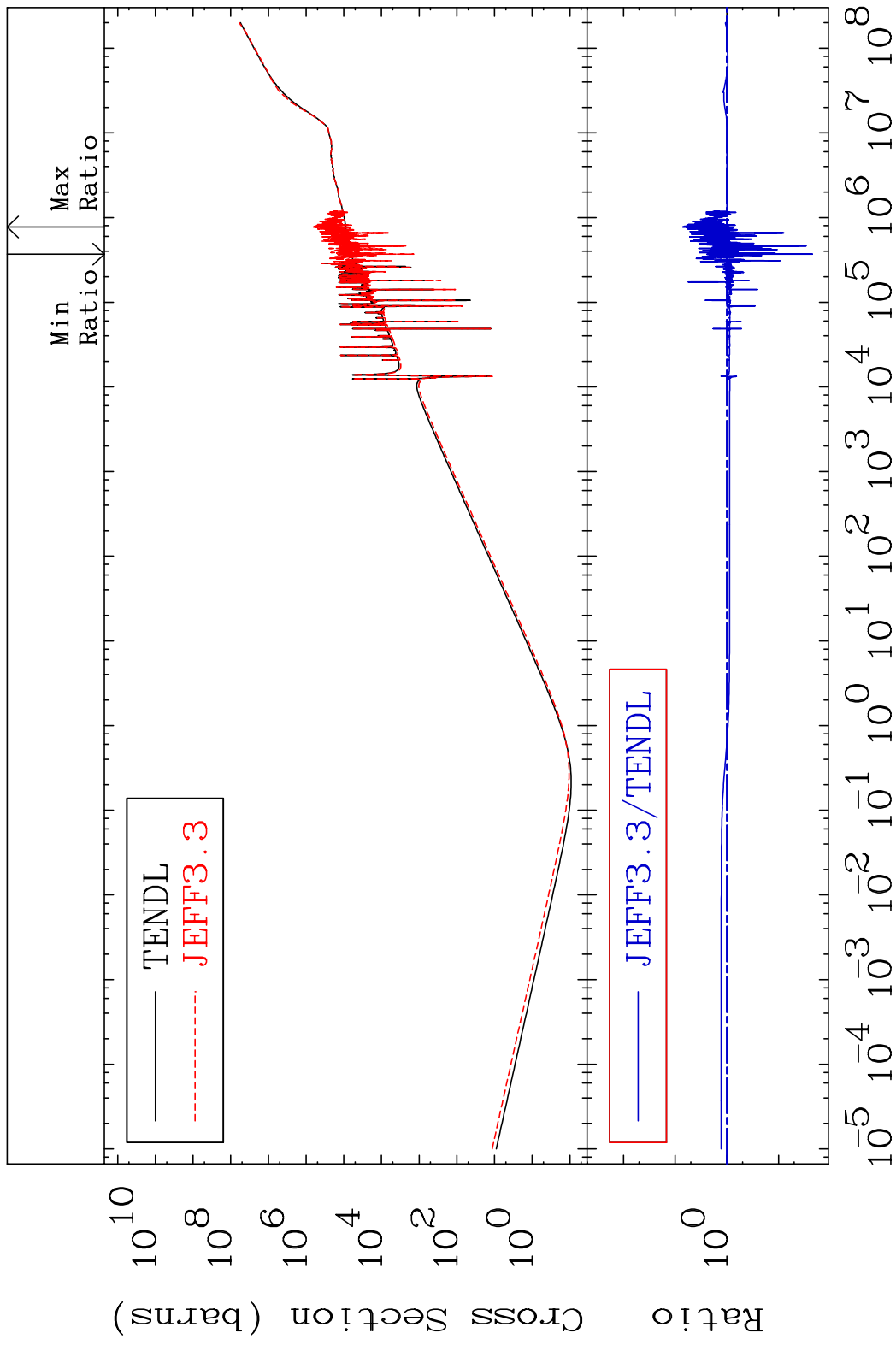


69

Incident Energy (eV)

38-Sr-88

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

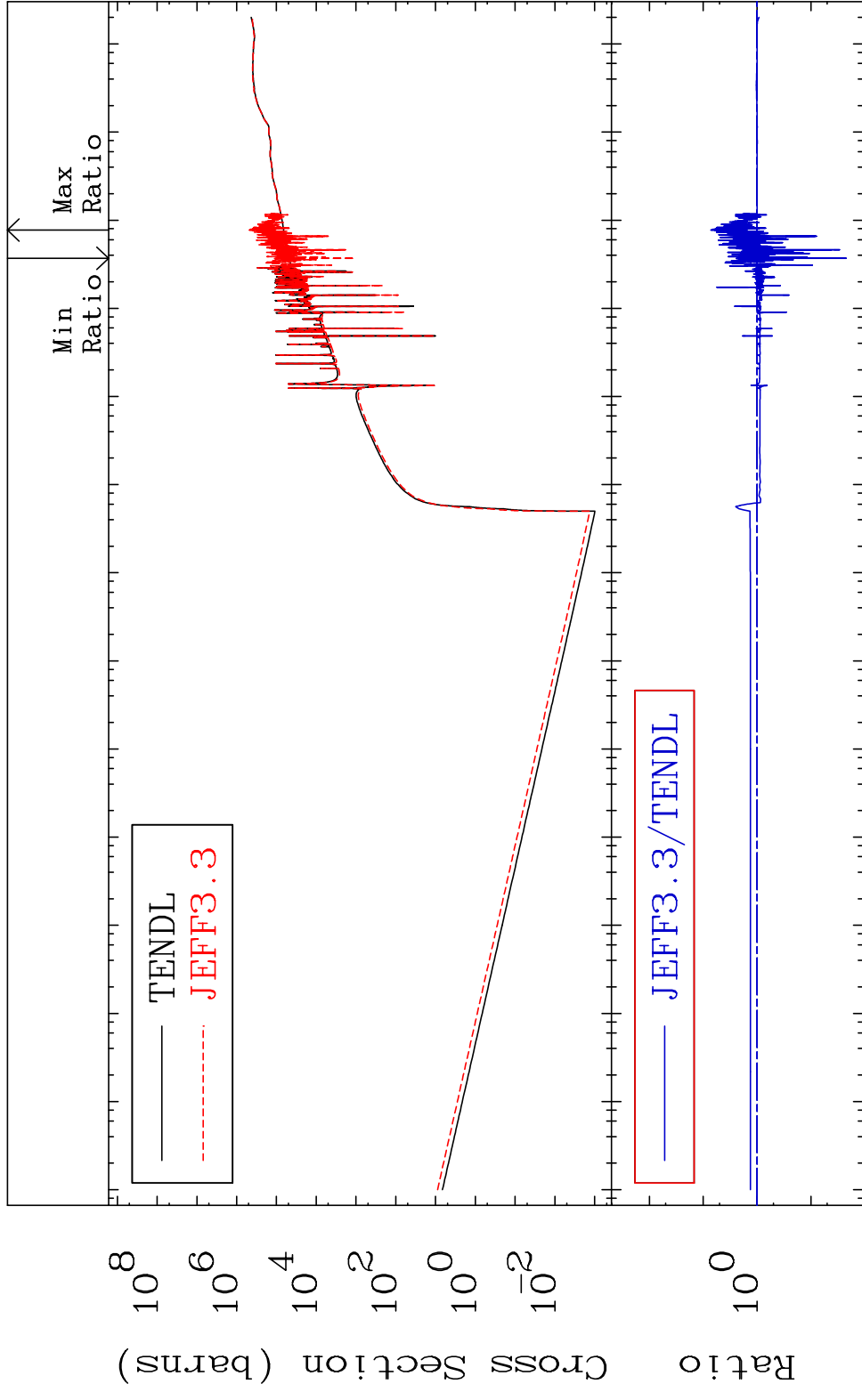


MAT 3837

Dpa total (eV-barns)

38-Sr-88

Cross Section -97.79 To 627.0 %



Incident Energy (eV)

71

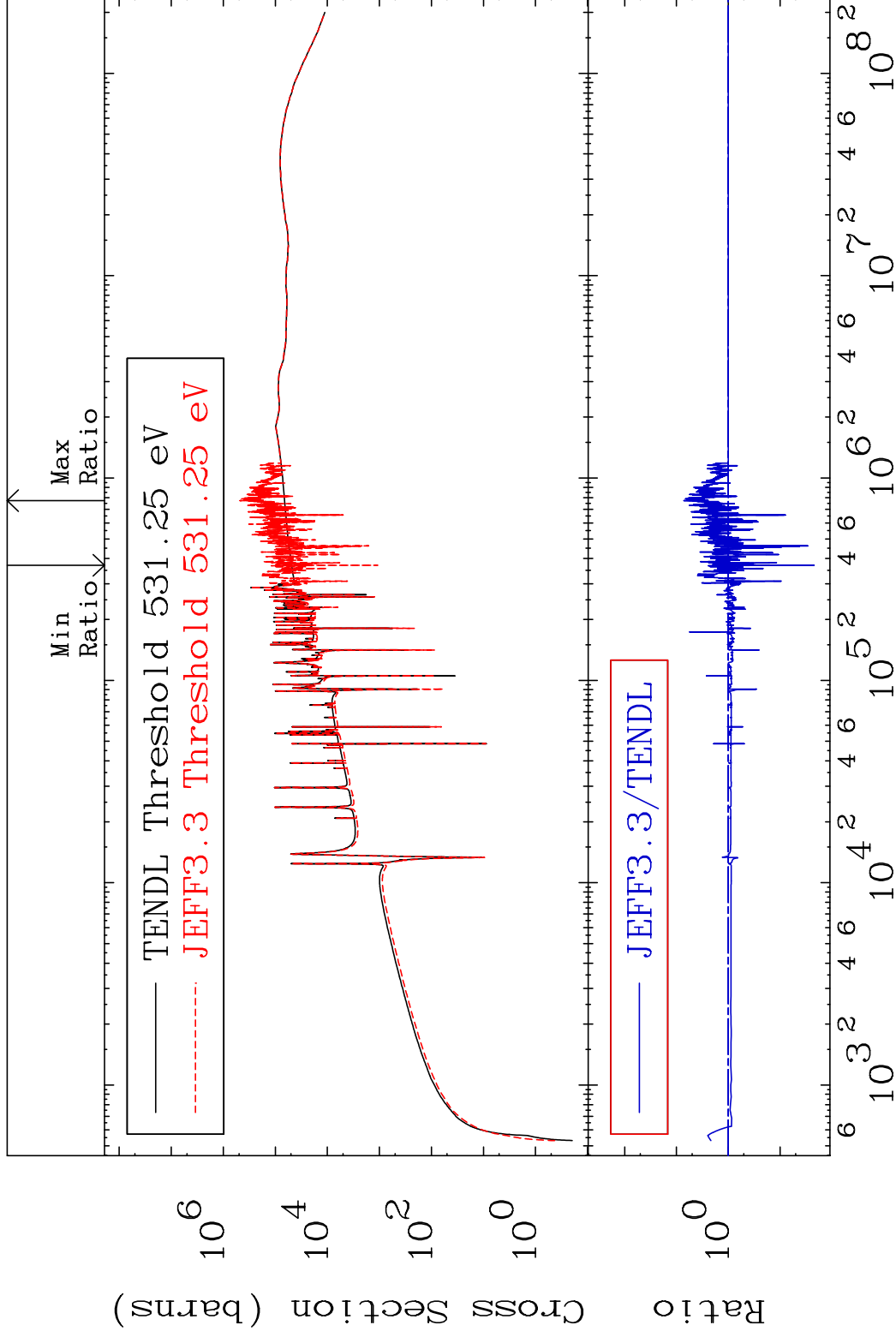
38-Sr-88

MAT 3837

Dpa elastic (mt2)

38-Sr-88

Cross Section -97.79 To 627.0 %

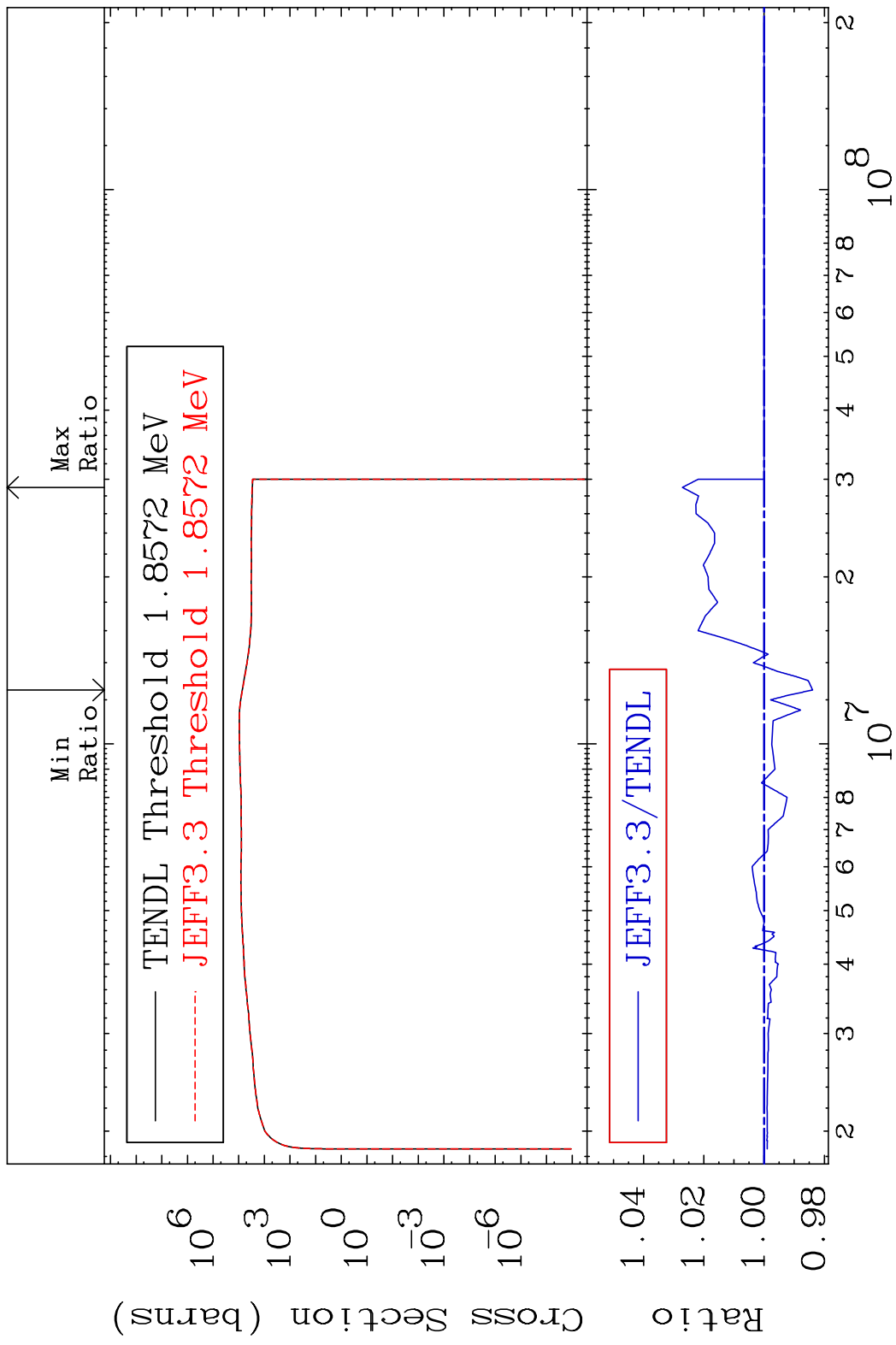


72

Incident Energy (eV)

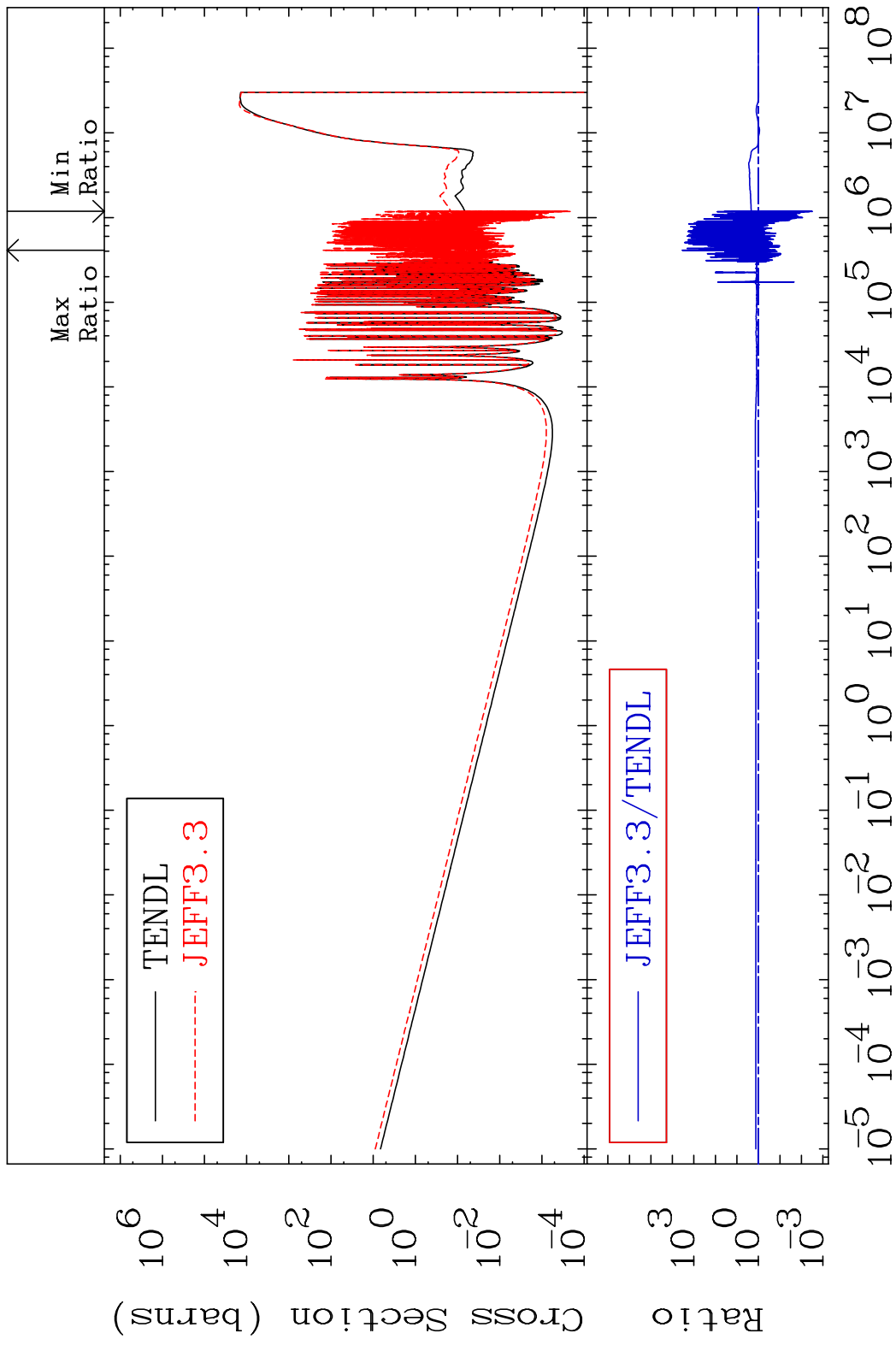
38-Sr-88

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

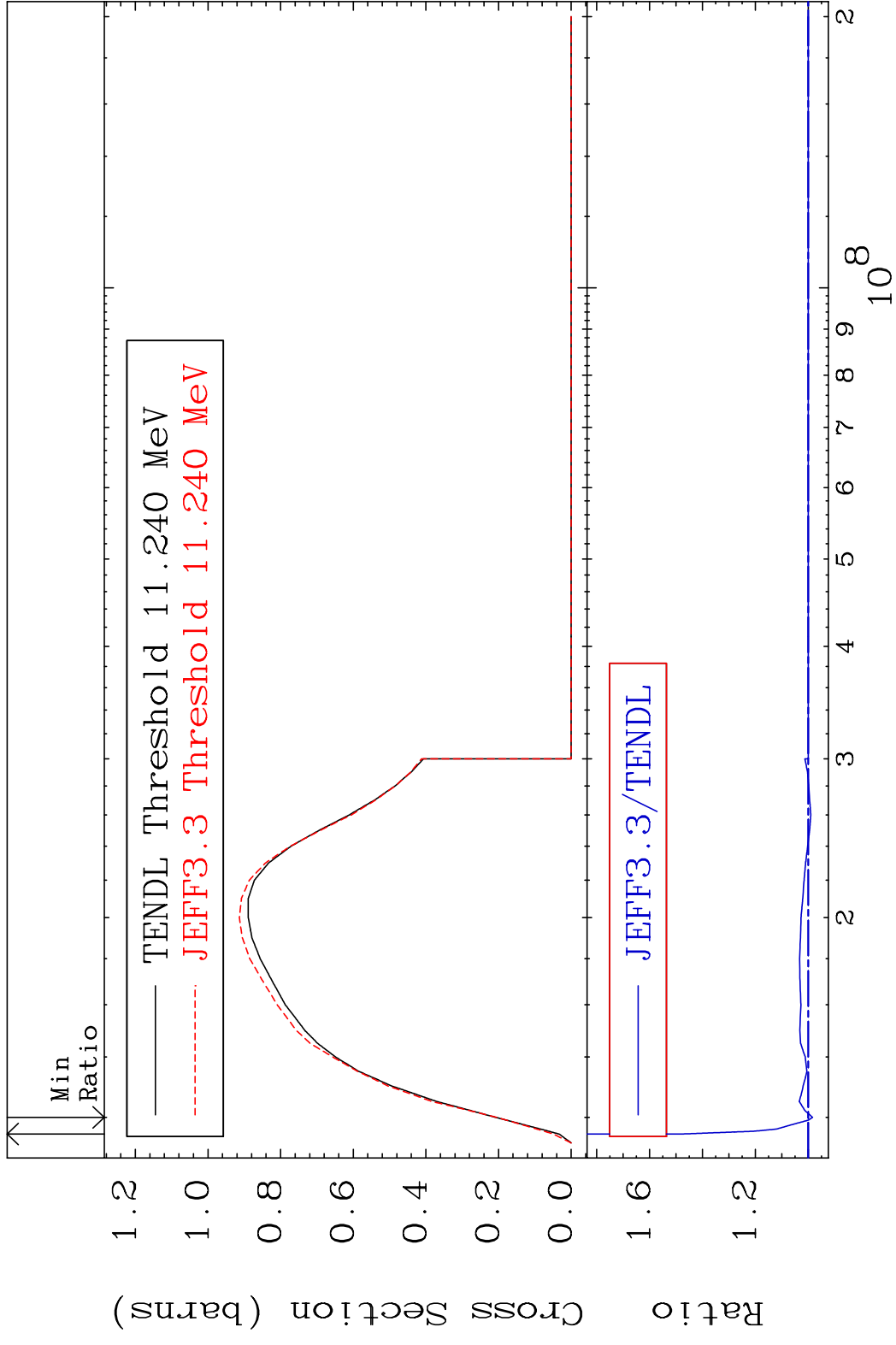


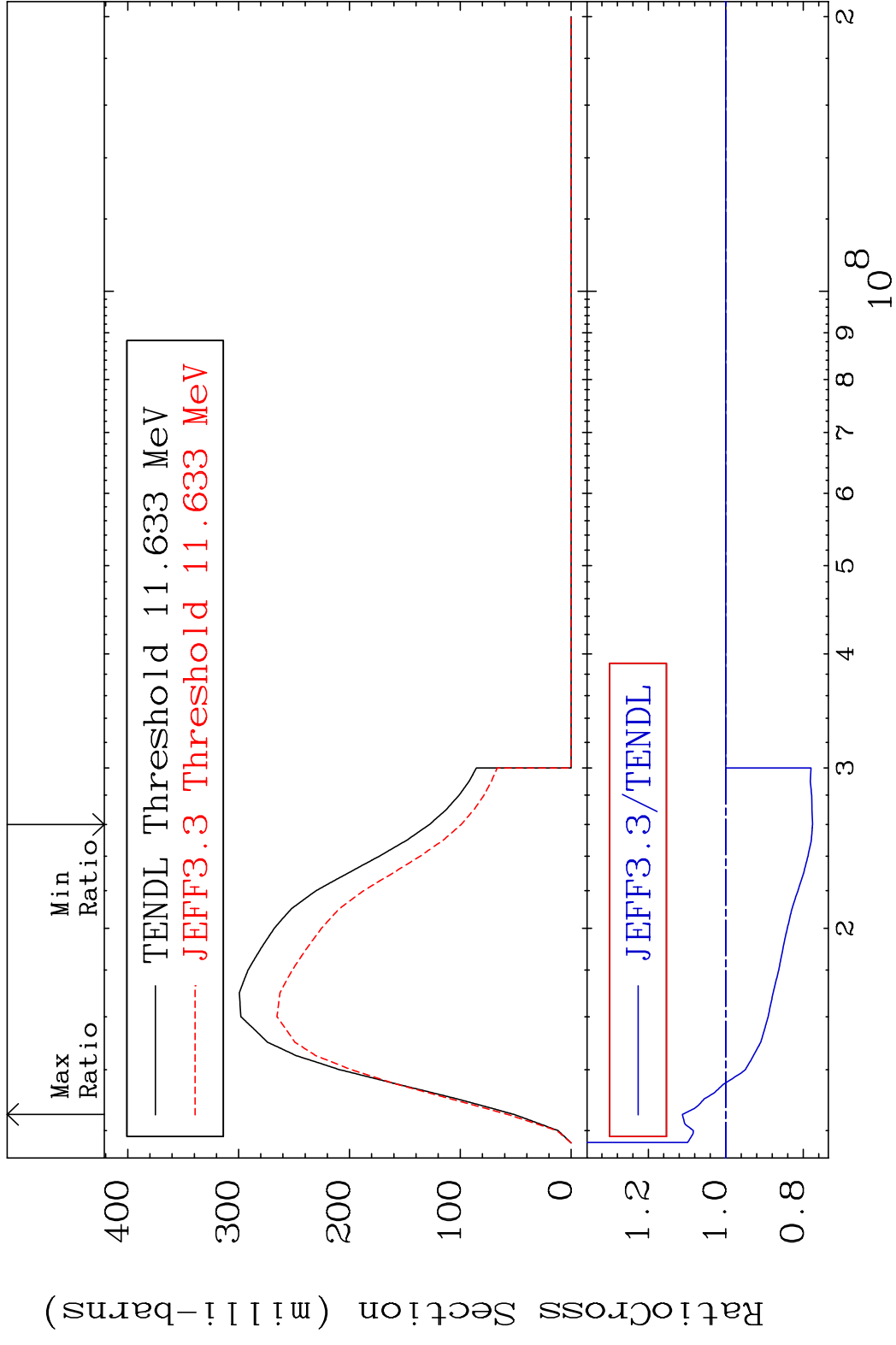
73 Incident Energy (eV) 38-Sr-88

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

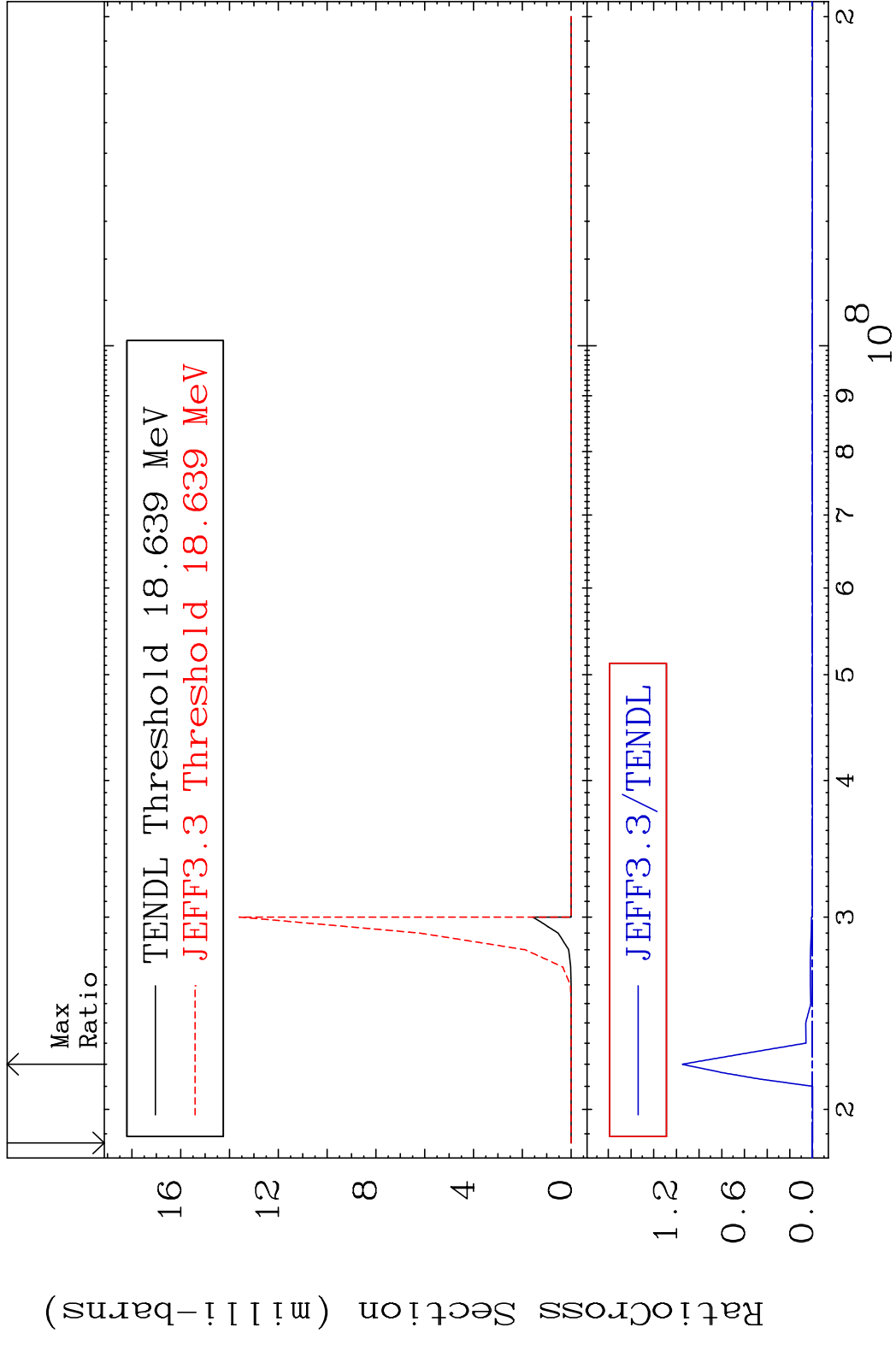


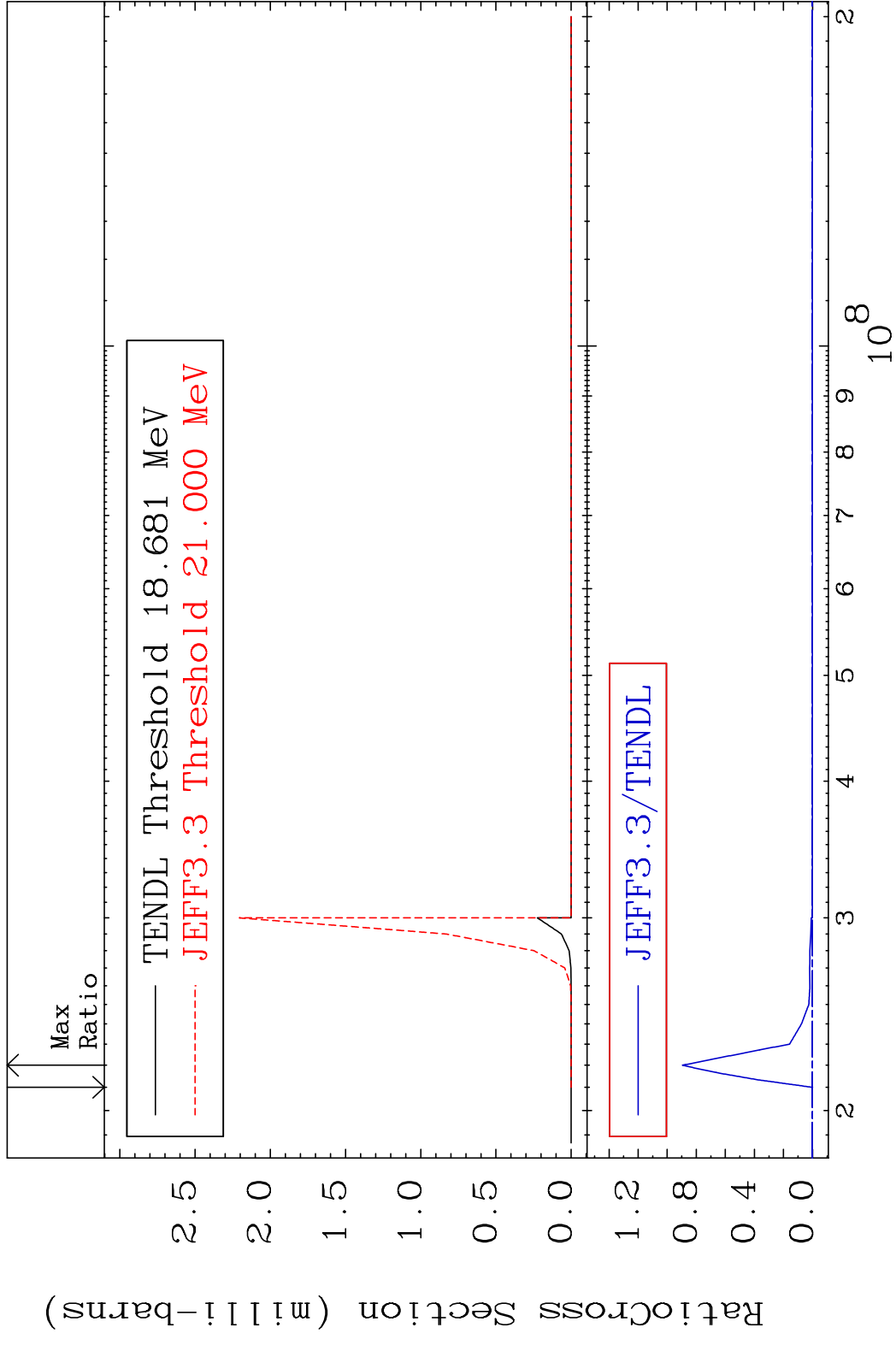
MAT 3837 (n,2n):38-Sr-87g 38-Sr-88
 Radionuclide Production Cross Section Ratio 47.64 %

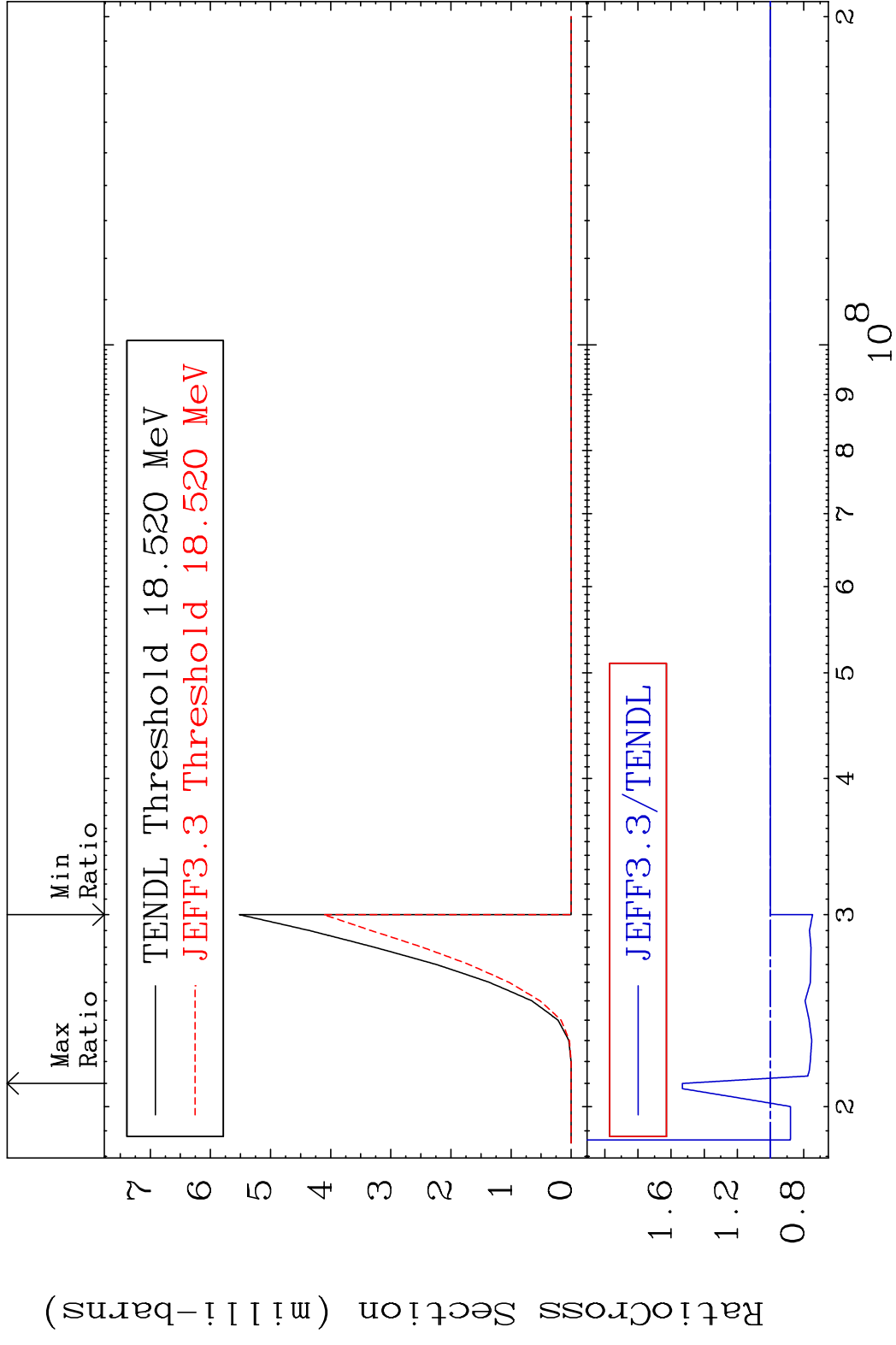


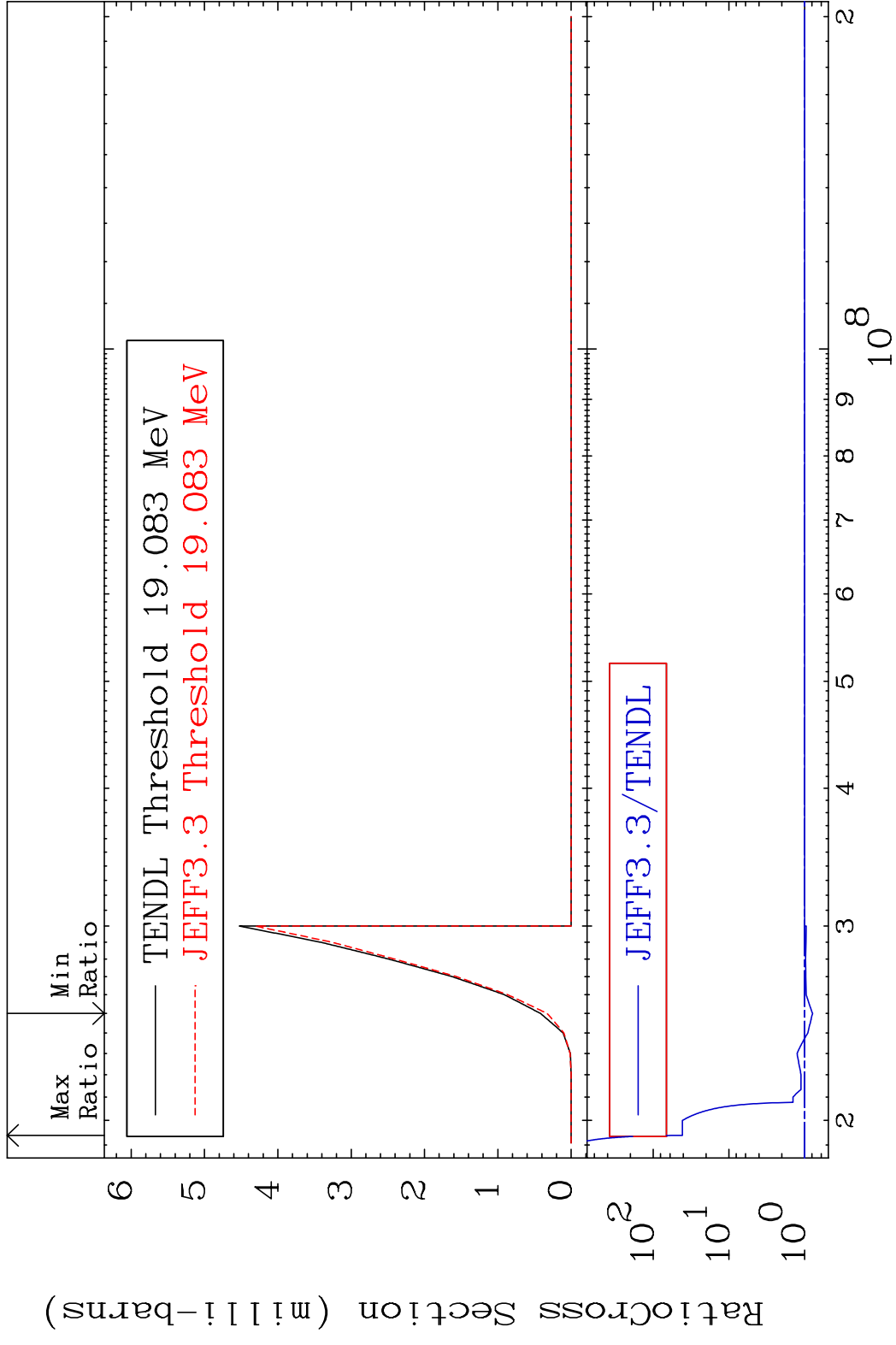


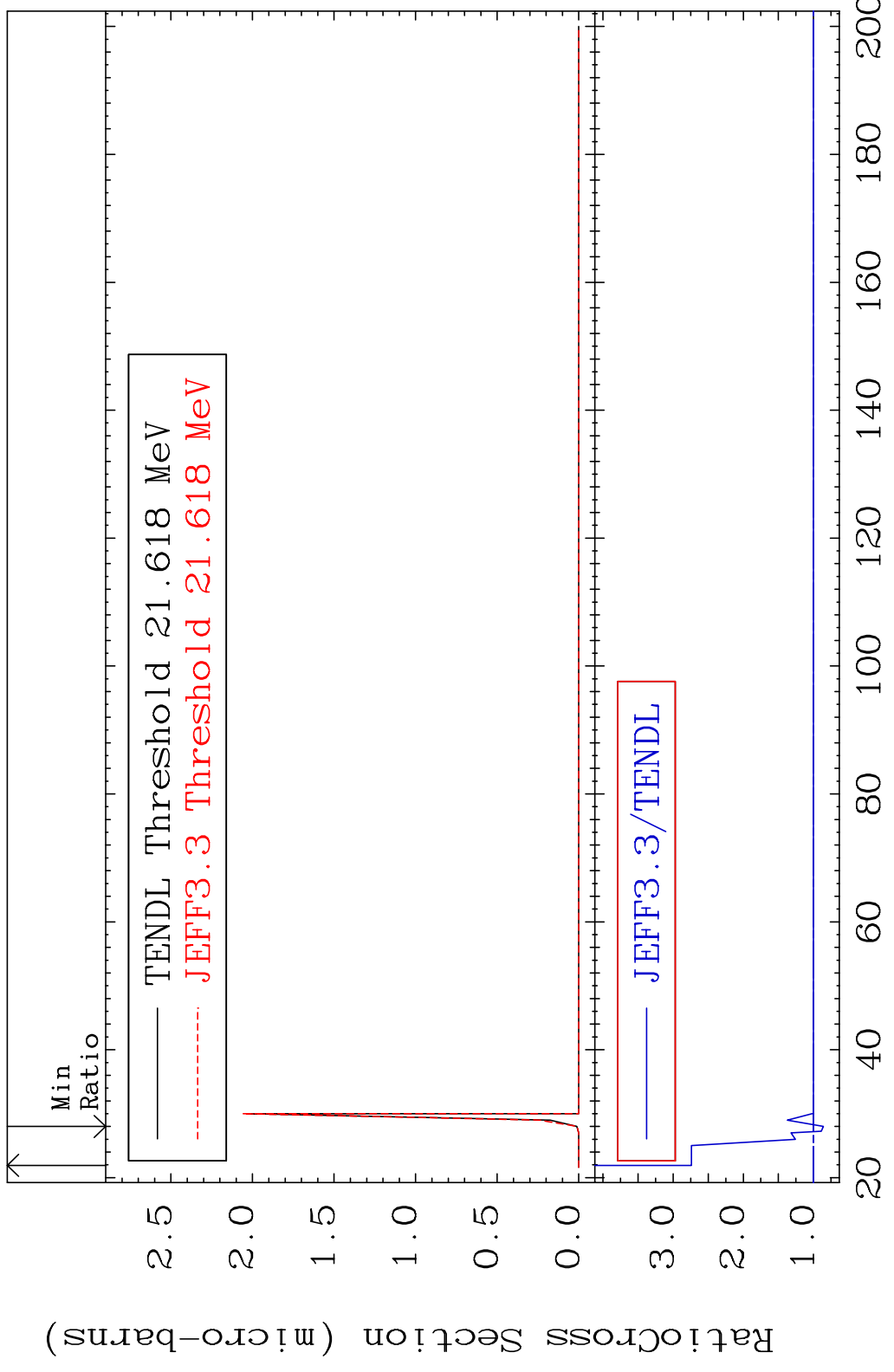
MAT 3837 (n,2n) α :36-Kr-83g 38-Sr-88
 Radionuclide Production Cross Section Ratio 9999. %

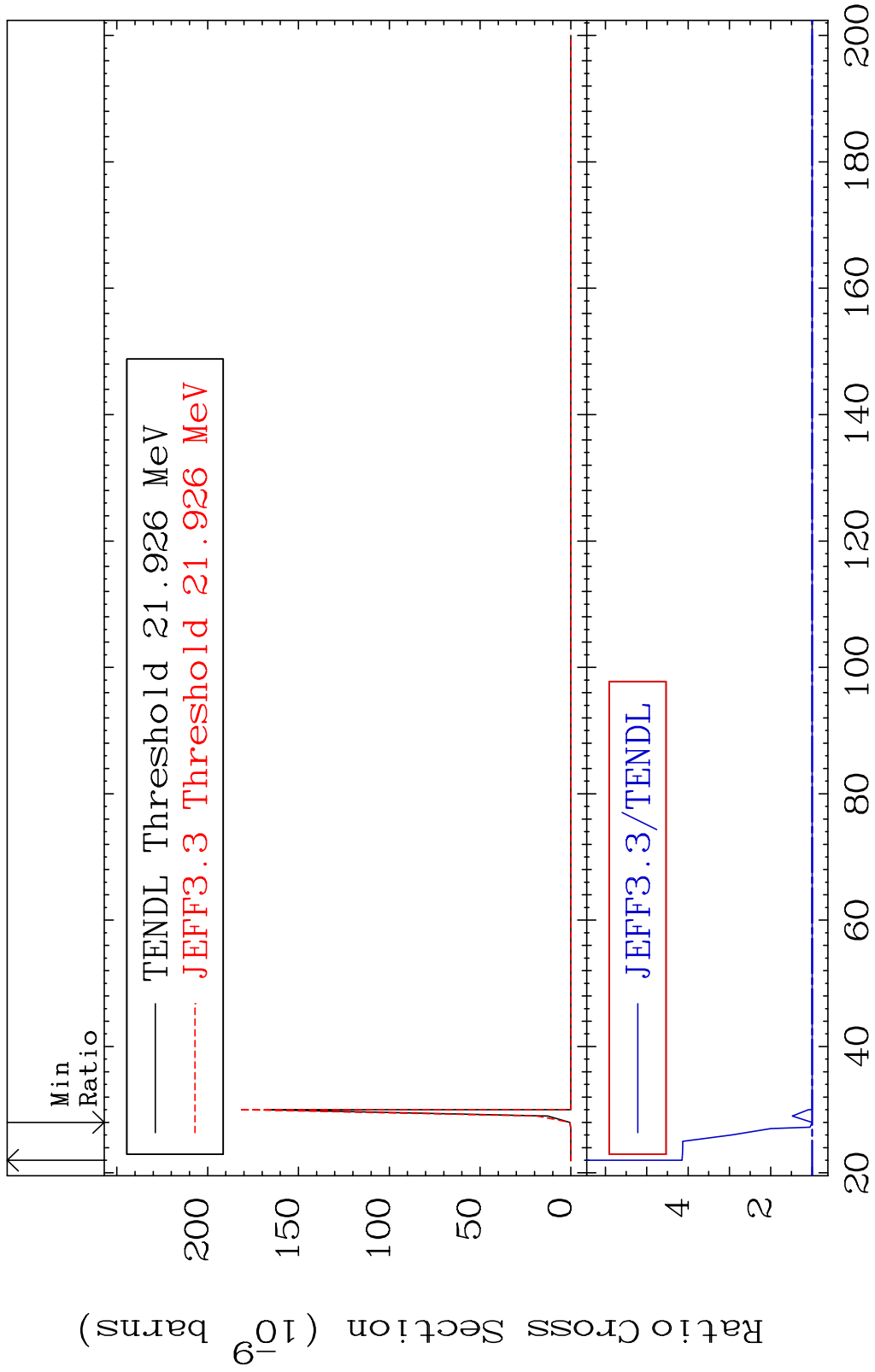


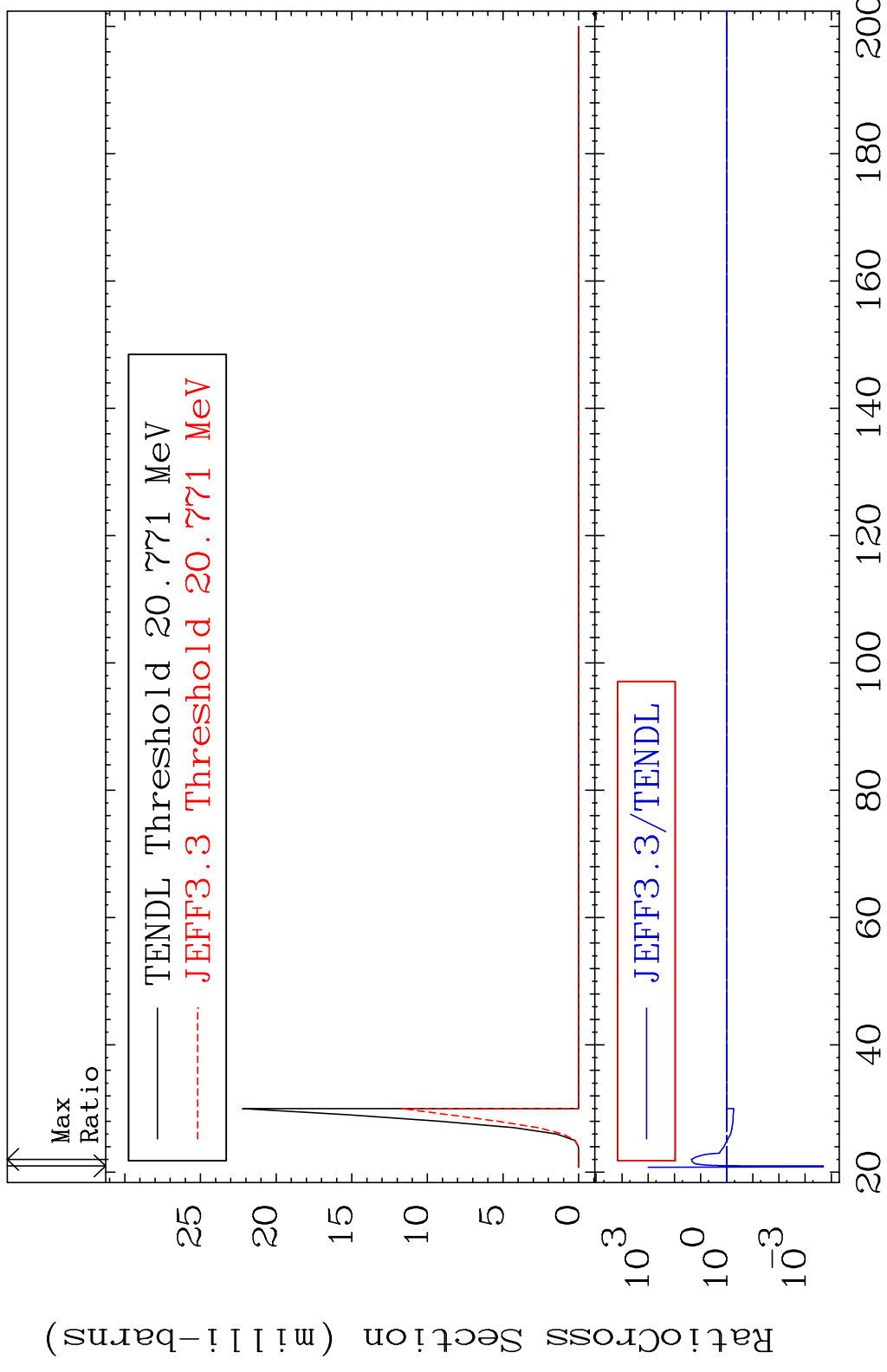




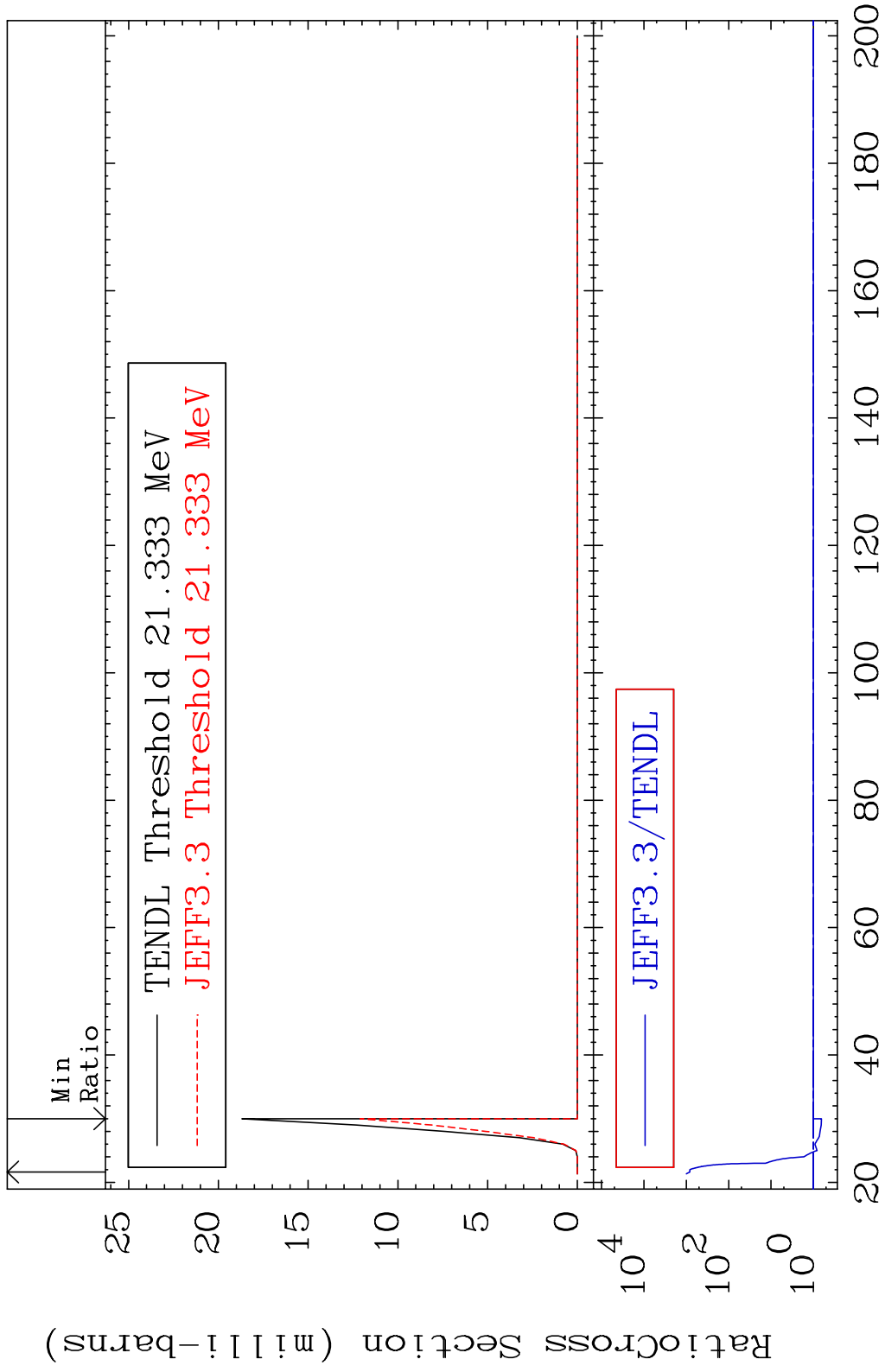




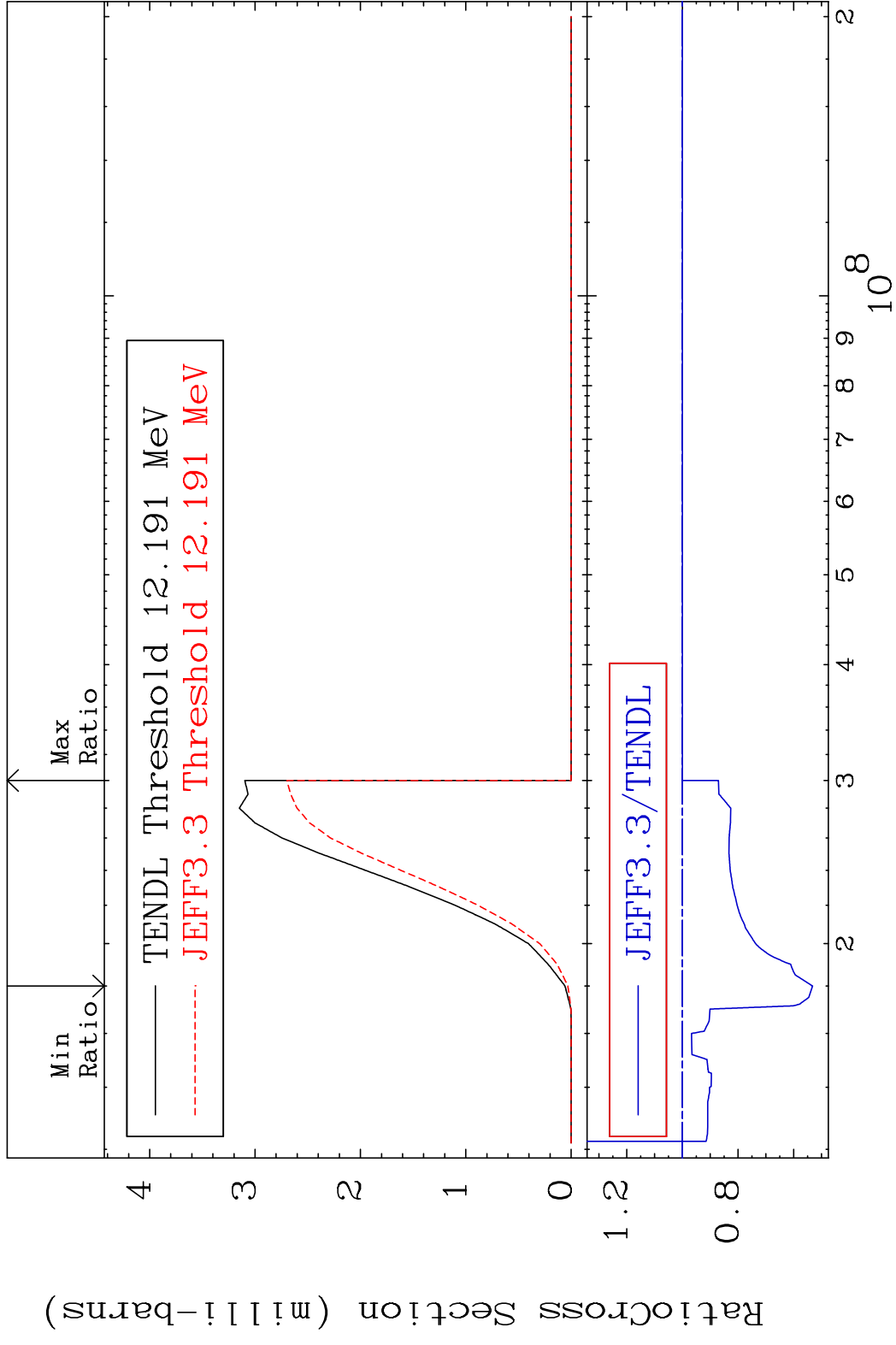


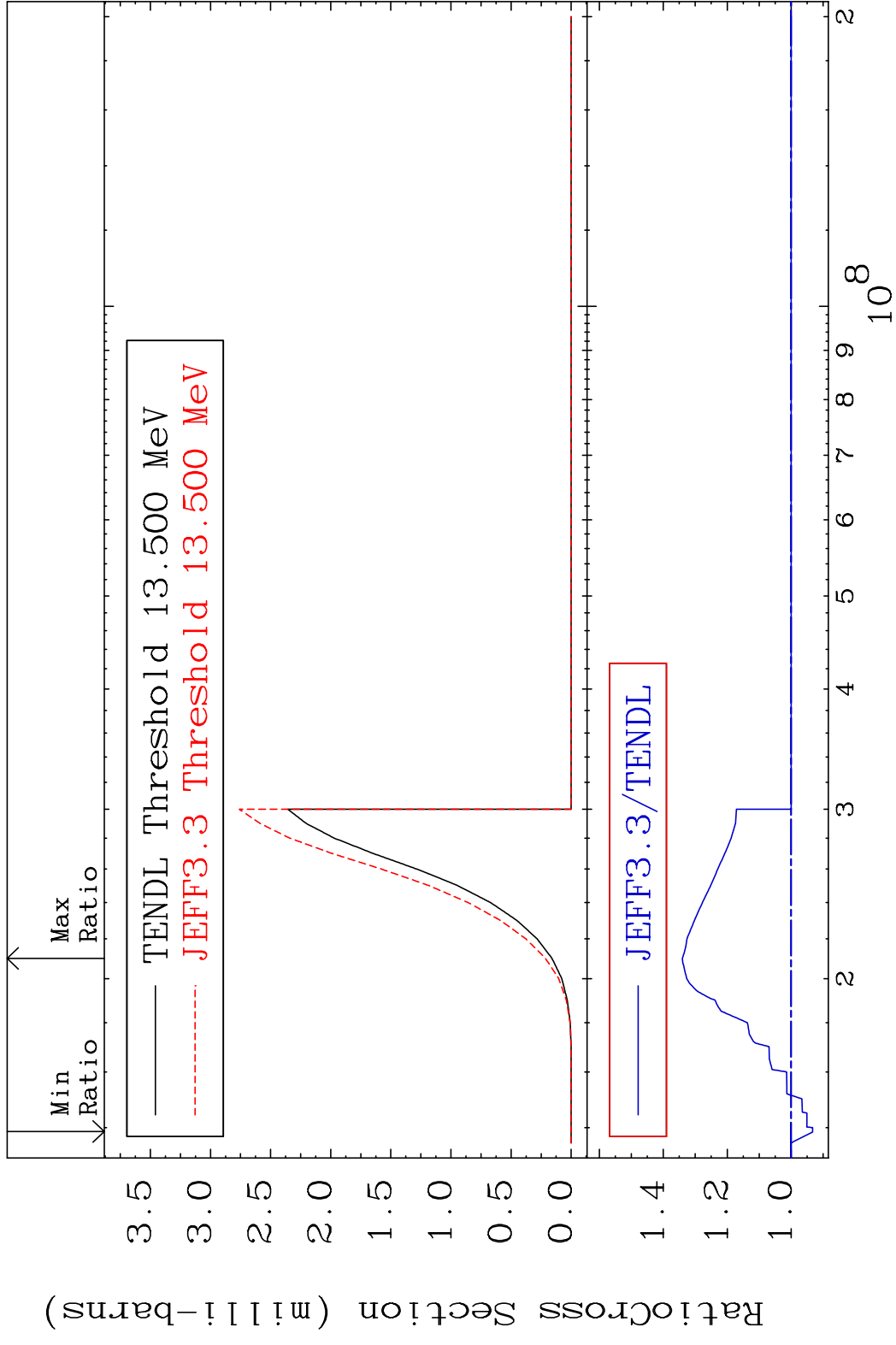


MAT 3837 (n,2n) p:37-Rb-86m2 38-Sr-88
 Radionuclide Production Cross Section 9999. %

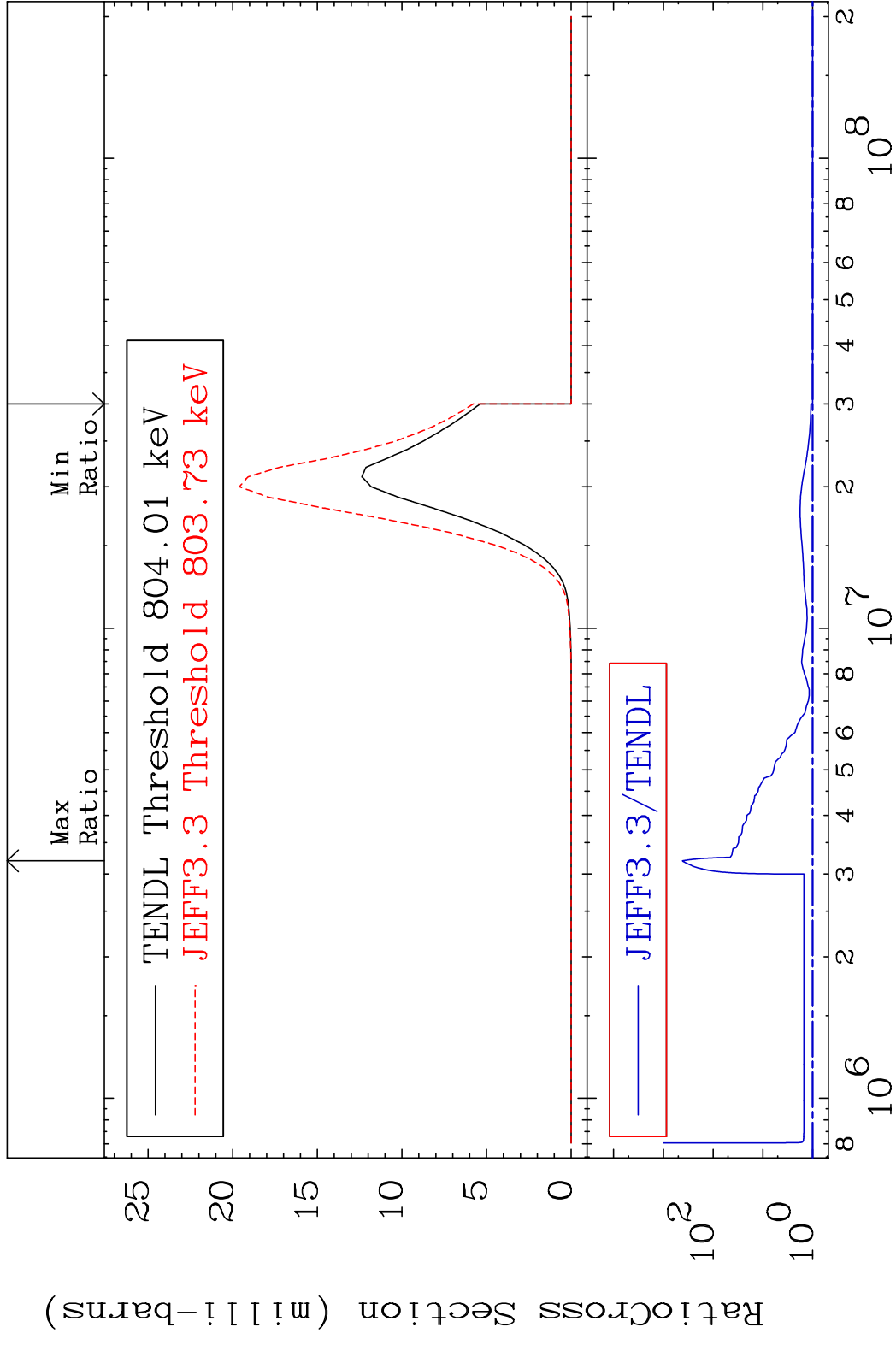


MAT 3837 (n, t):37-Rb-86g 38-Sr-88
 Radionuclide Production Cross Section 0.000 %



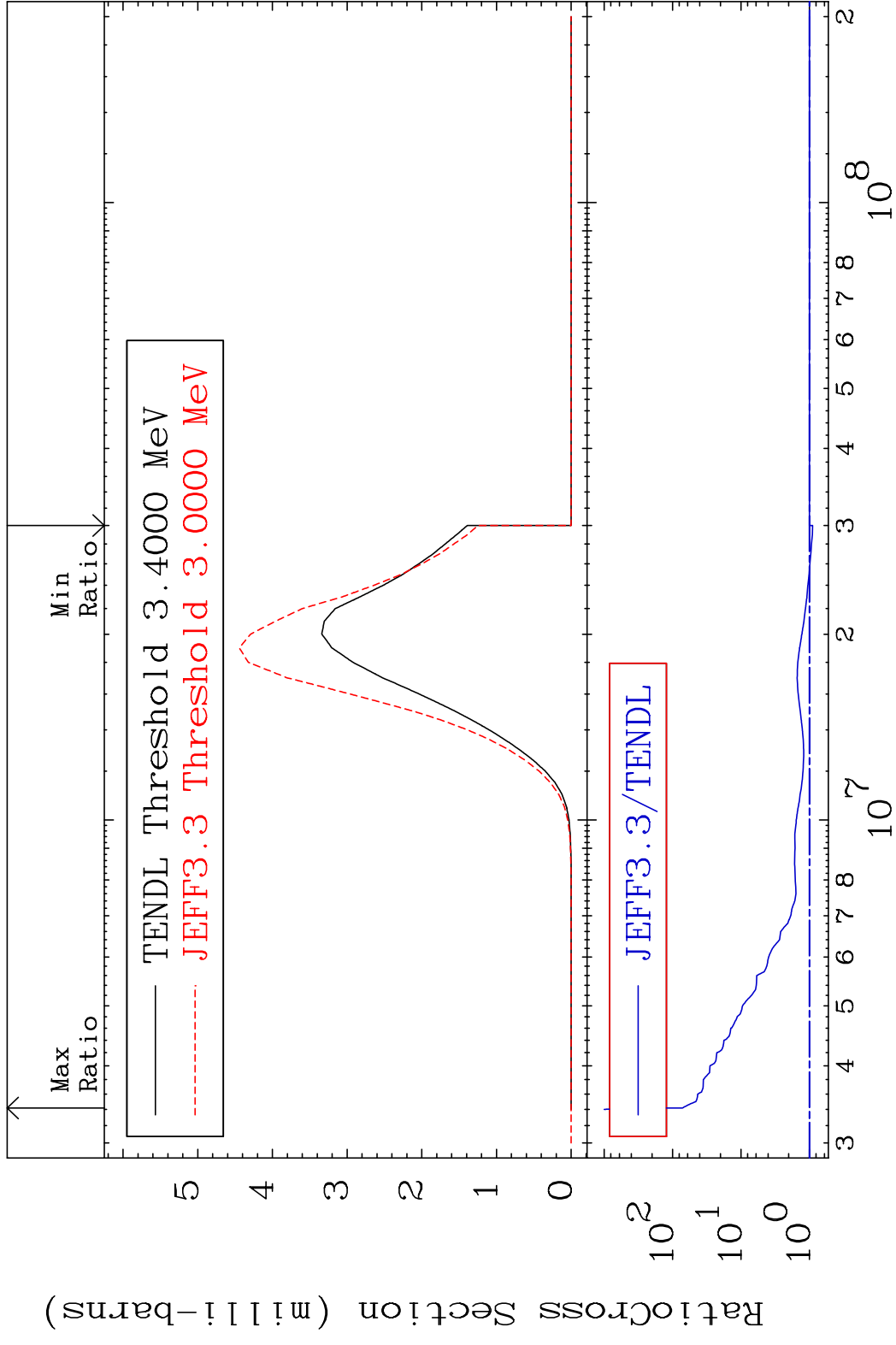


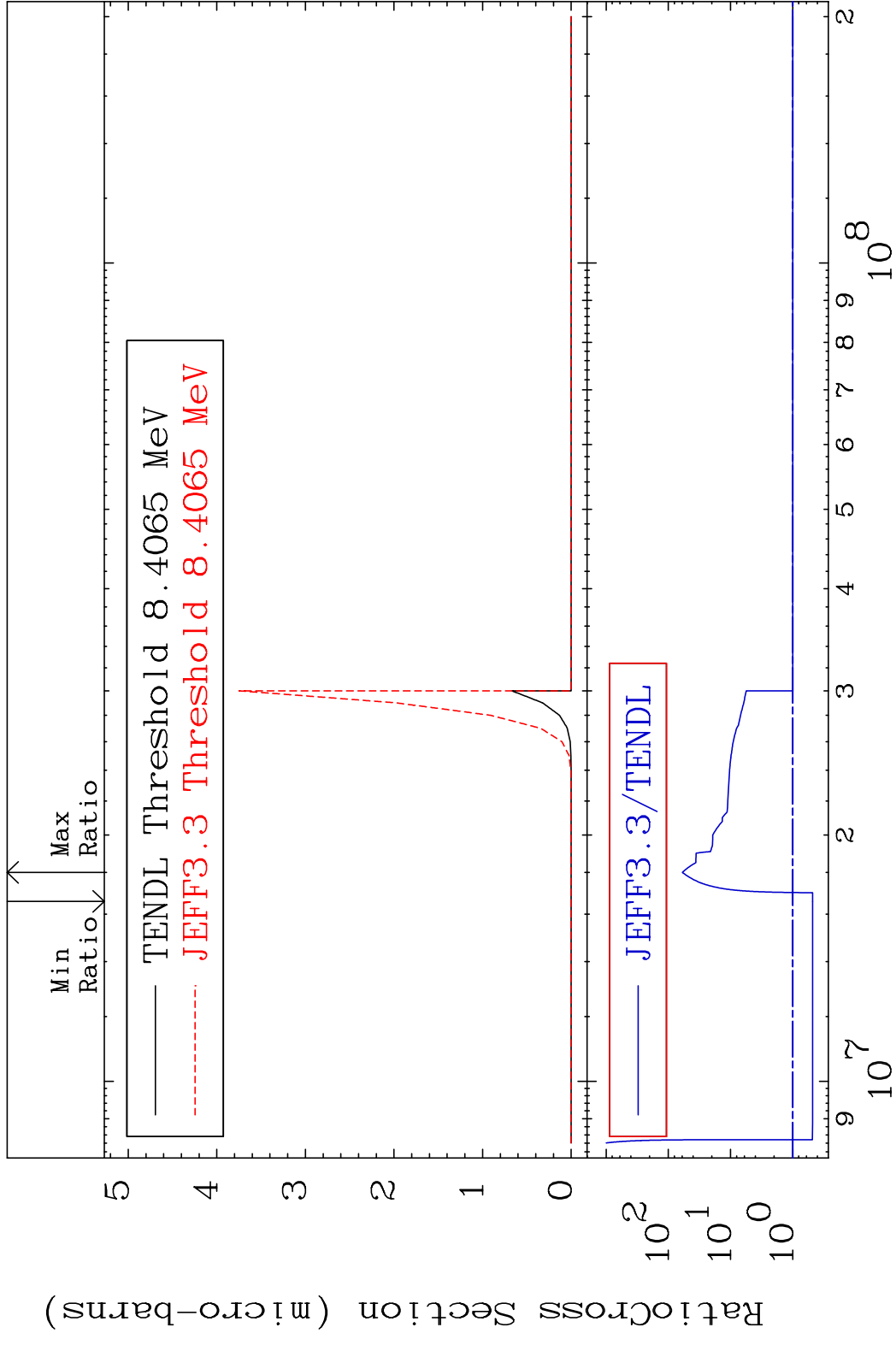
MAT 3837 (n, α):36-Kr-85g 38-Sr-88
 Radionuclide Production Cross Section 9999. %



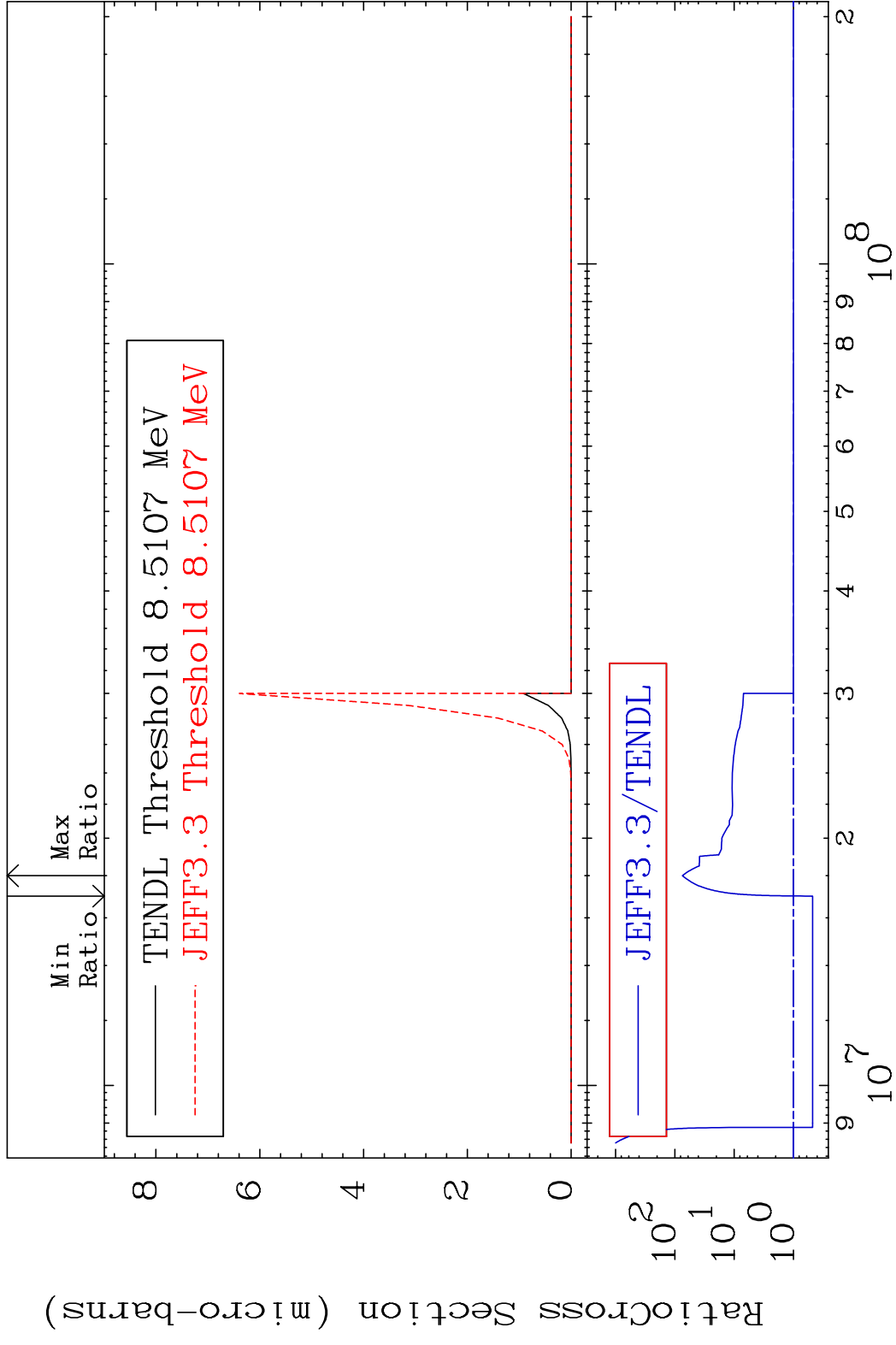
87 Incident Energy (eV) 38-Sr-88

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

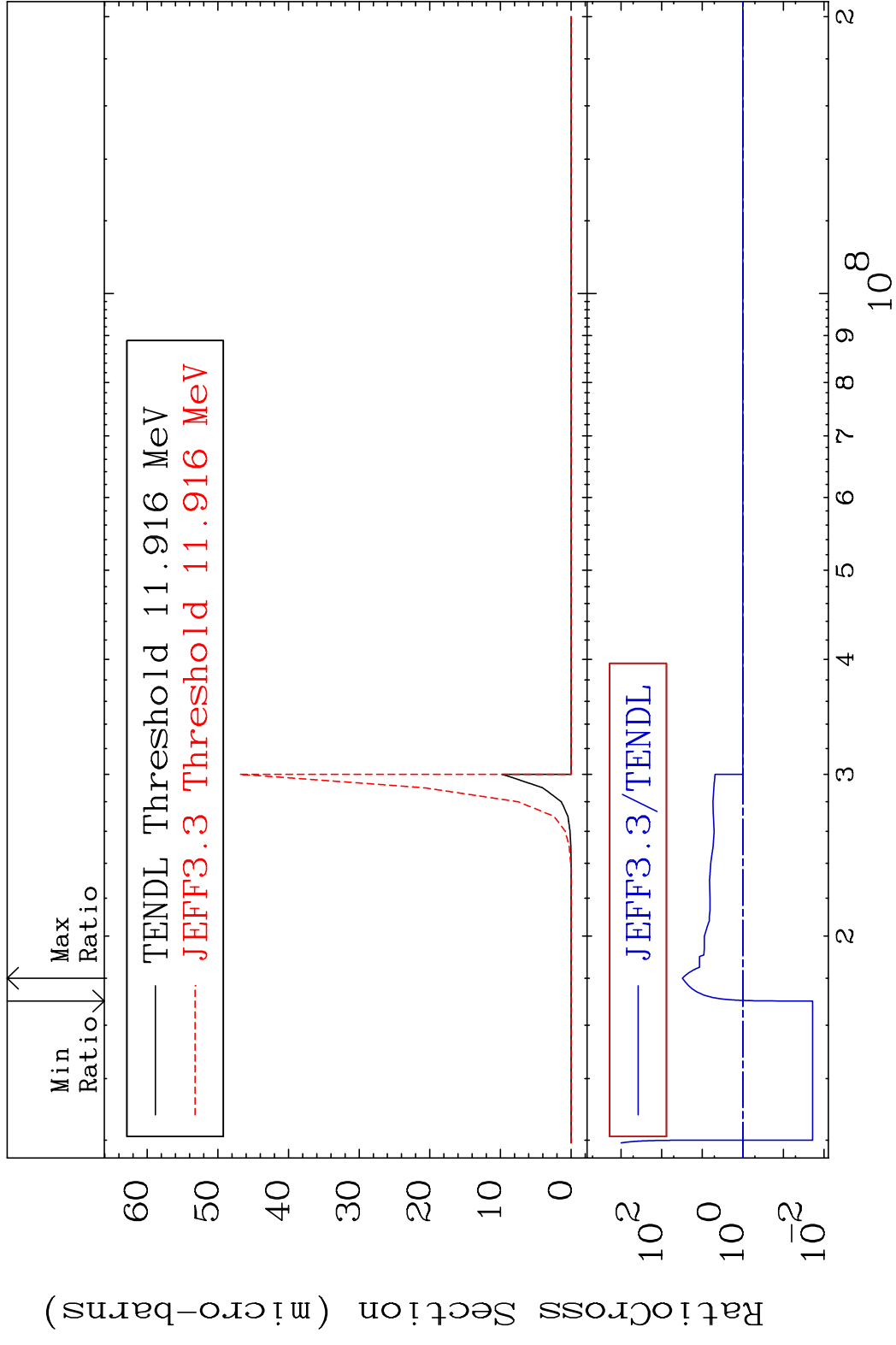


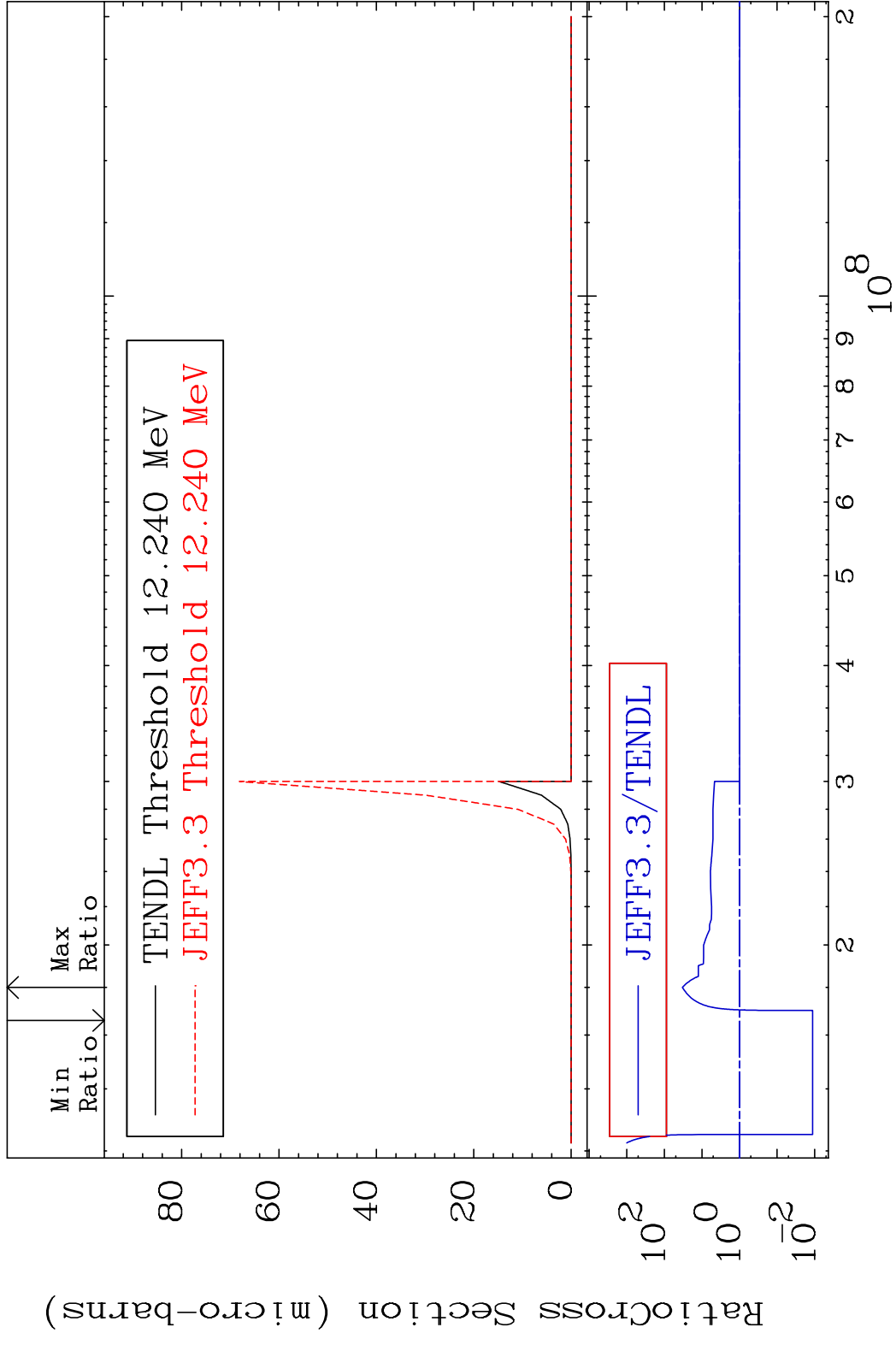


MAT 3837 (n,2α):34-Se-81m1 38-Sr-88
 Radionuclide Production Cross Section 52e33id10 7372. %



90 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 %

