

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

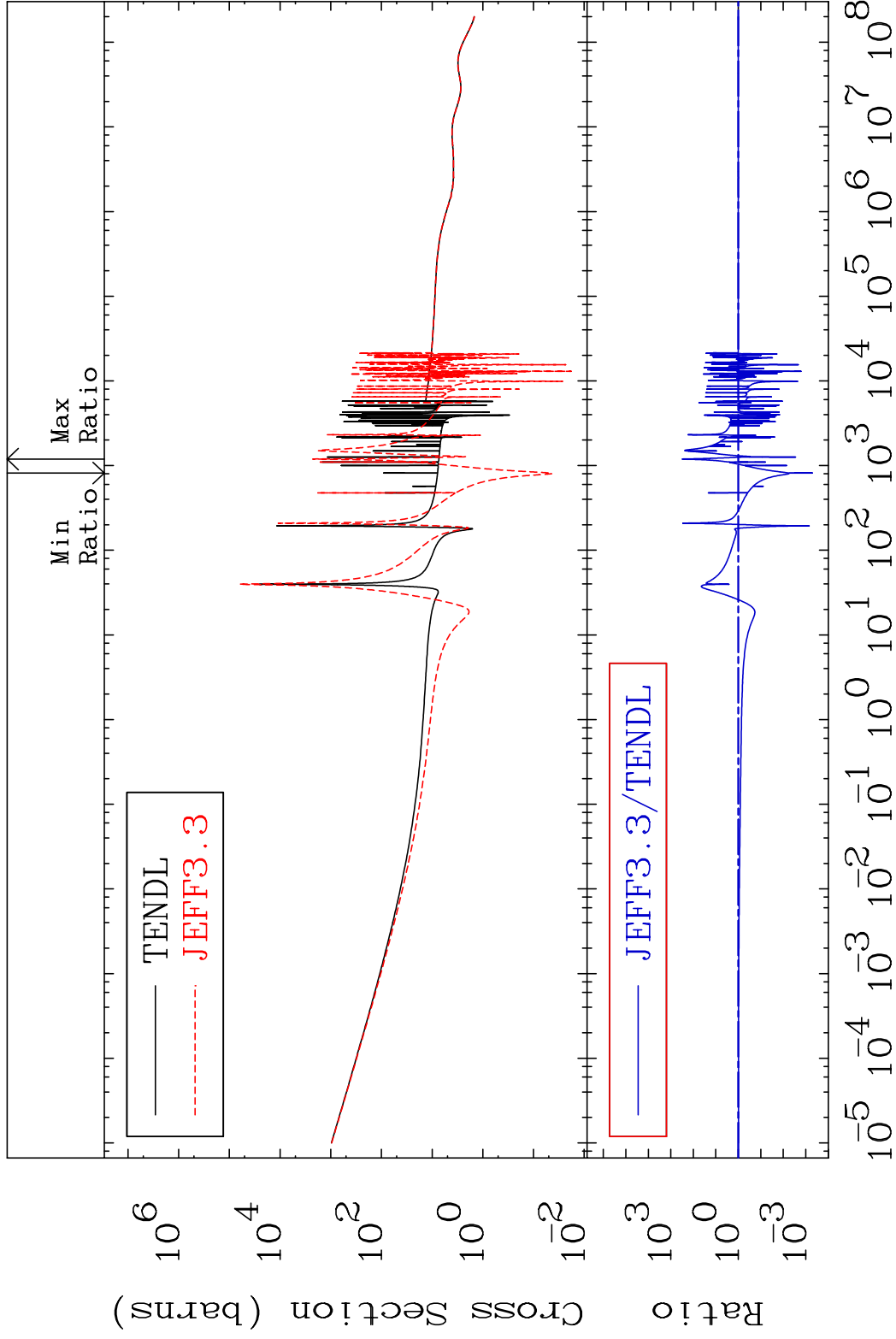
MAT 3637

Total

36-Kr-82

Cross Section

-99.95 To 9999. %



1

Incident Energy (eV)

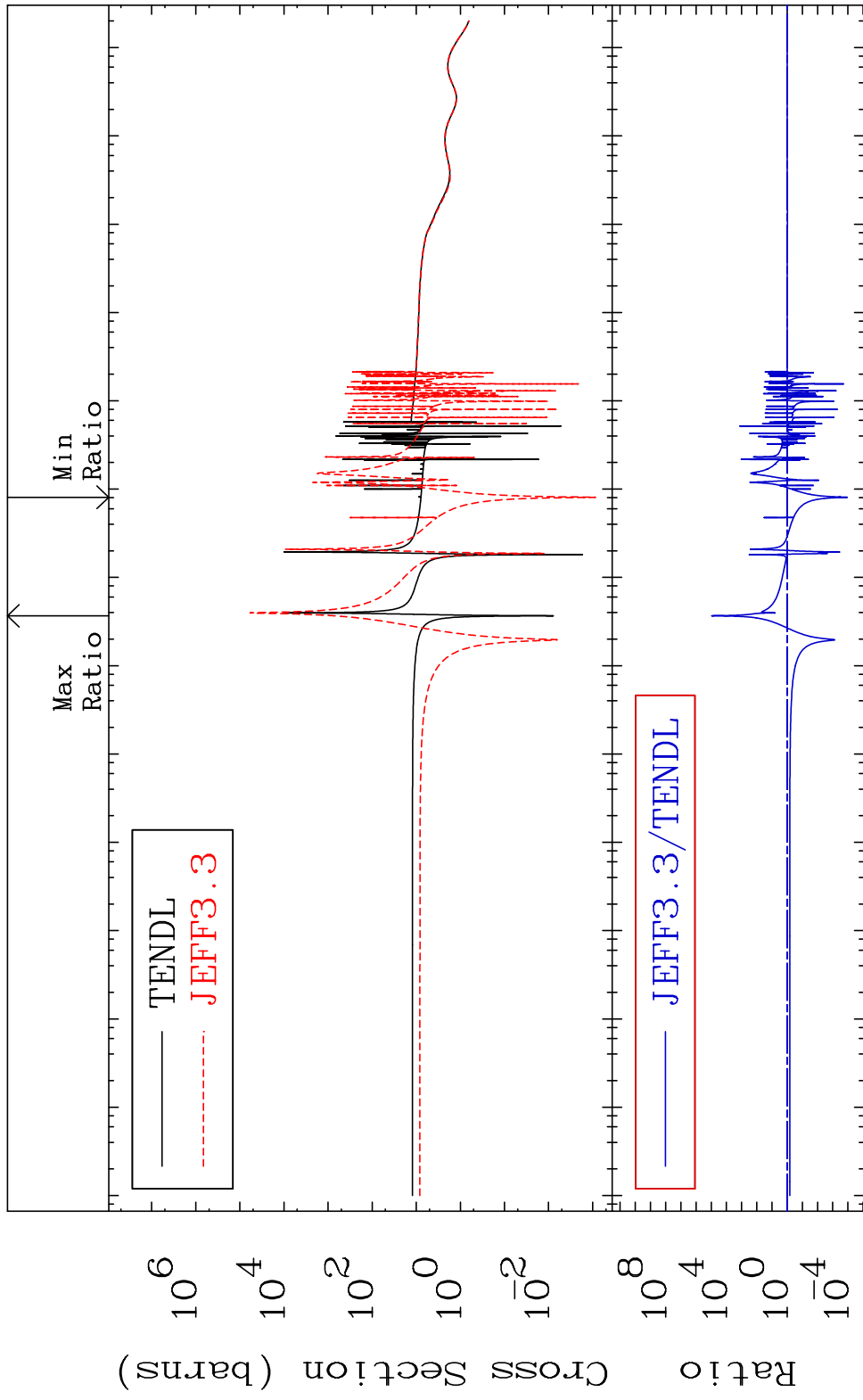
36-Kr-82

MAT 3637

Elastic

36-Kr-82

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

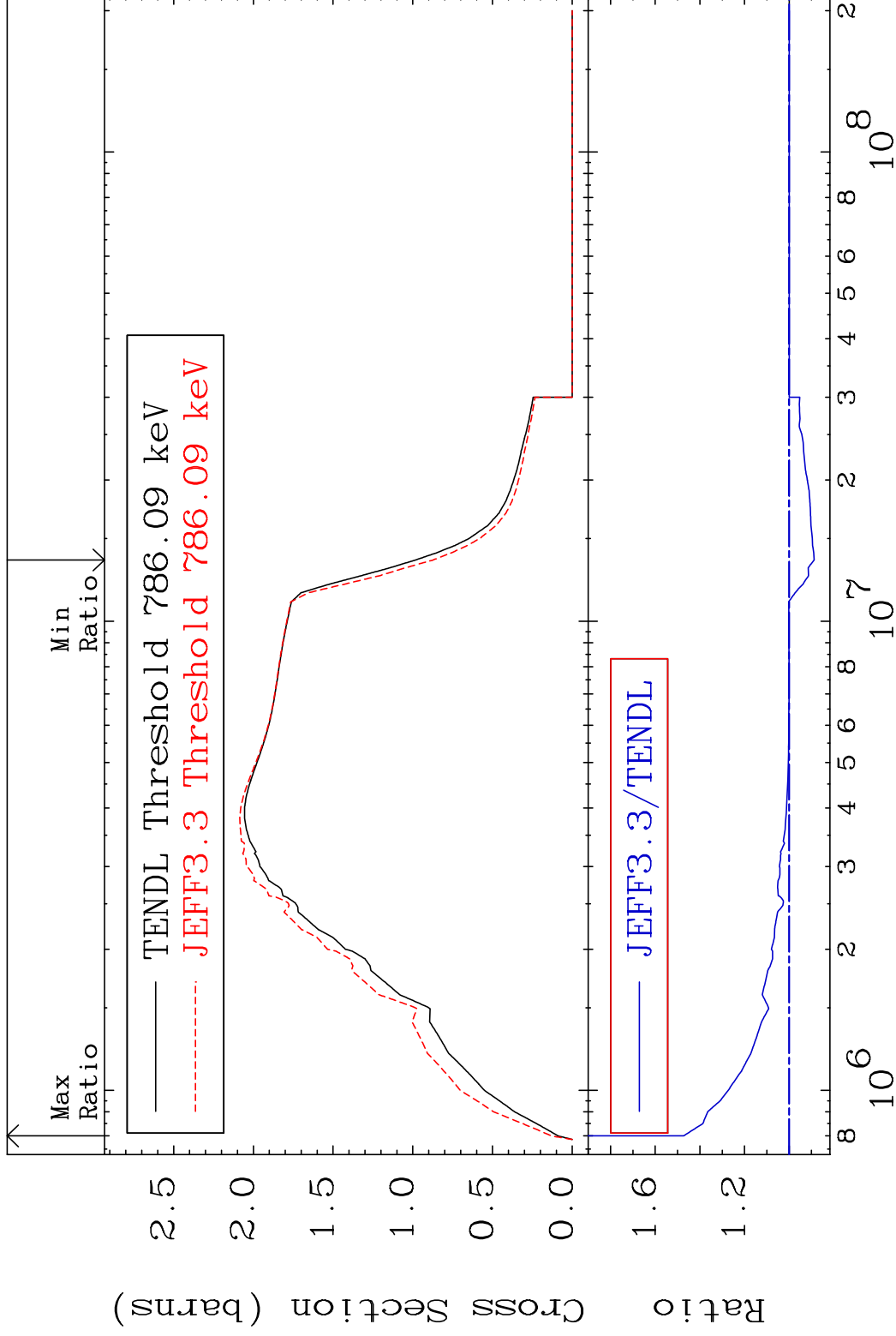
36-Kr-82

MAT 3637

Inelastic

36-Kr-82

Cross Section -11.18 To 47.27 %



3

Incident Energy (eV)

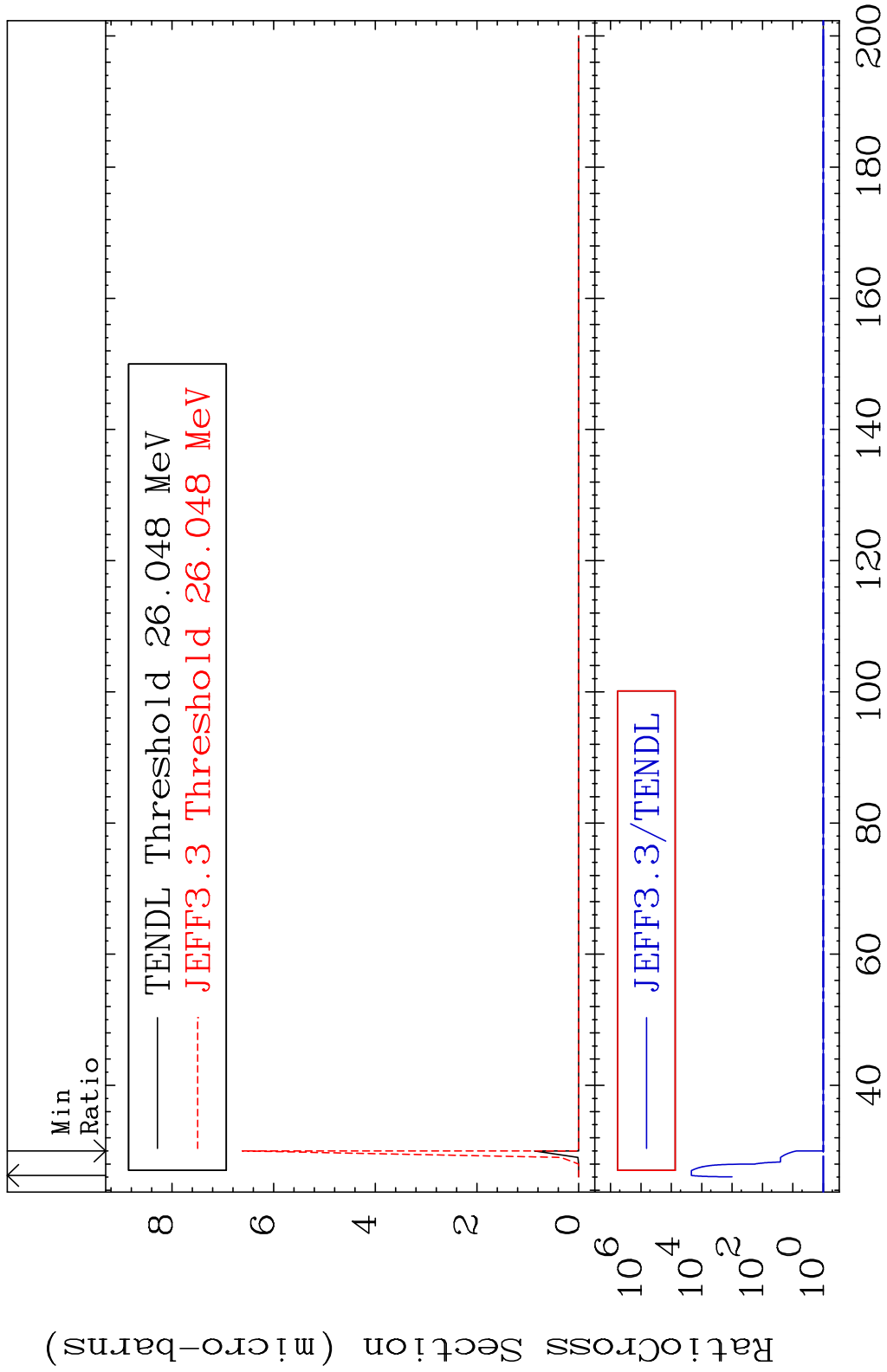
36-Kr-82

MAT 3637

(n,2n) d

36-Kr-82

Cross Section 0.000 To 9999. %

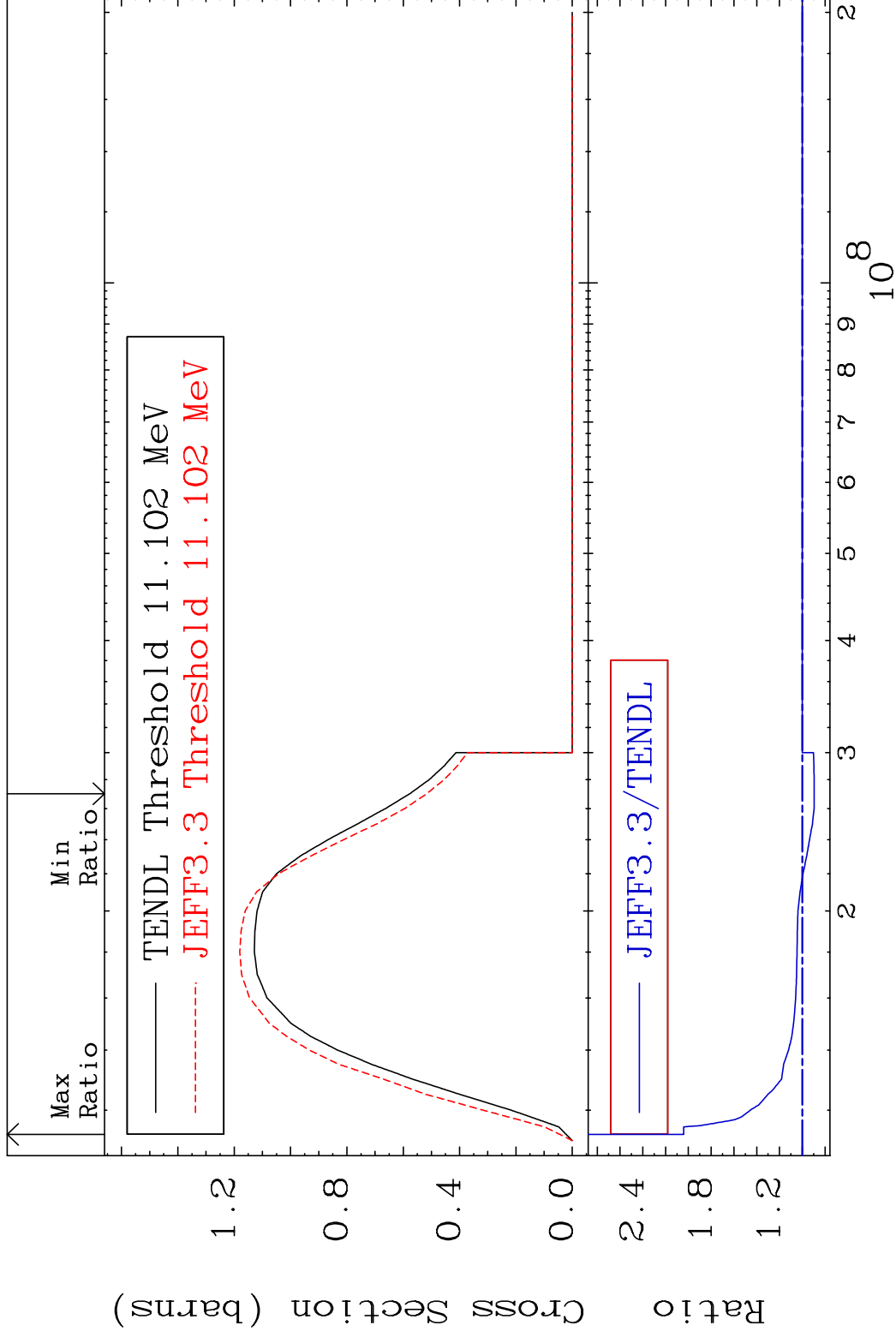


MAT 3637

(n,2n)

36-Kr-82

Cross Section -10.38 To 104.1 %



5

Incident Energy (eV)

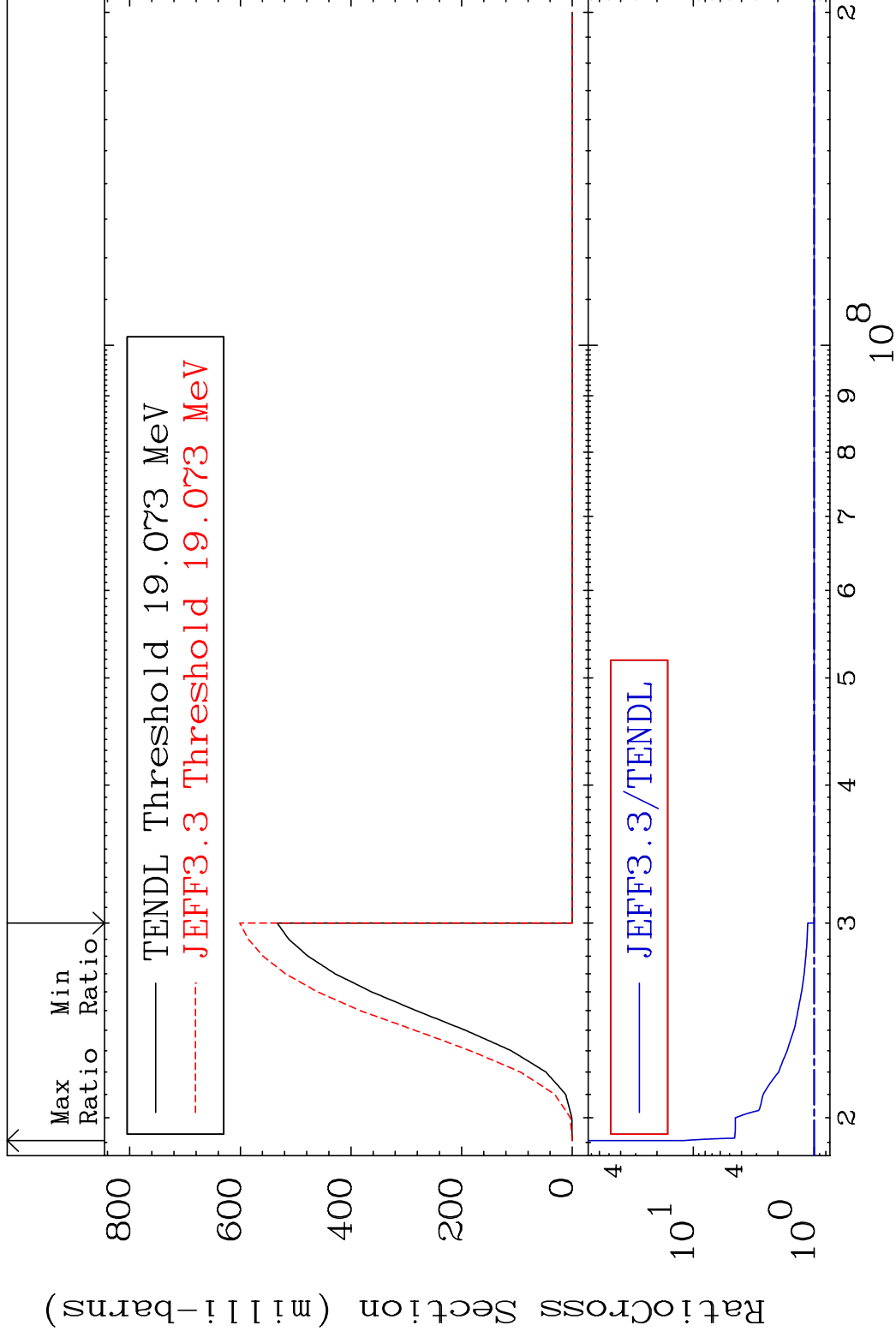
36-Kr-82

MAT 3637

(n,3n)

36-Kr-82

Cross Section 0.000 To 1103. %



6

Incident Energy (eV)

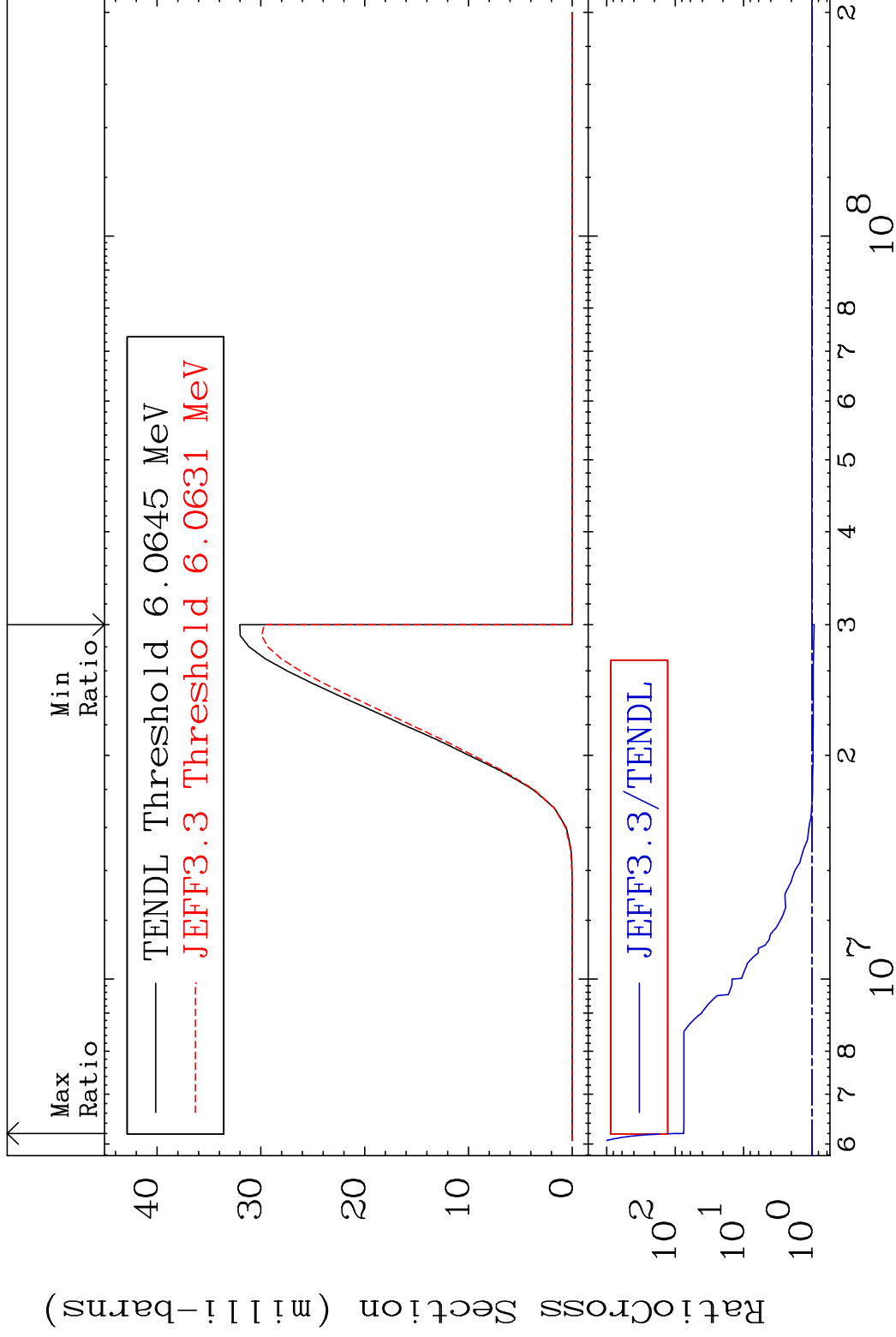
36-Kr-82

MAT 3637

(n, n') α

36-Kr-82

Cross Section -7.359 To 7403. %

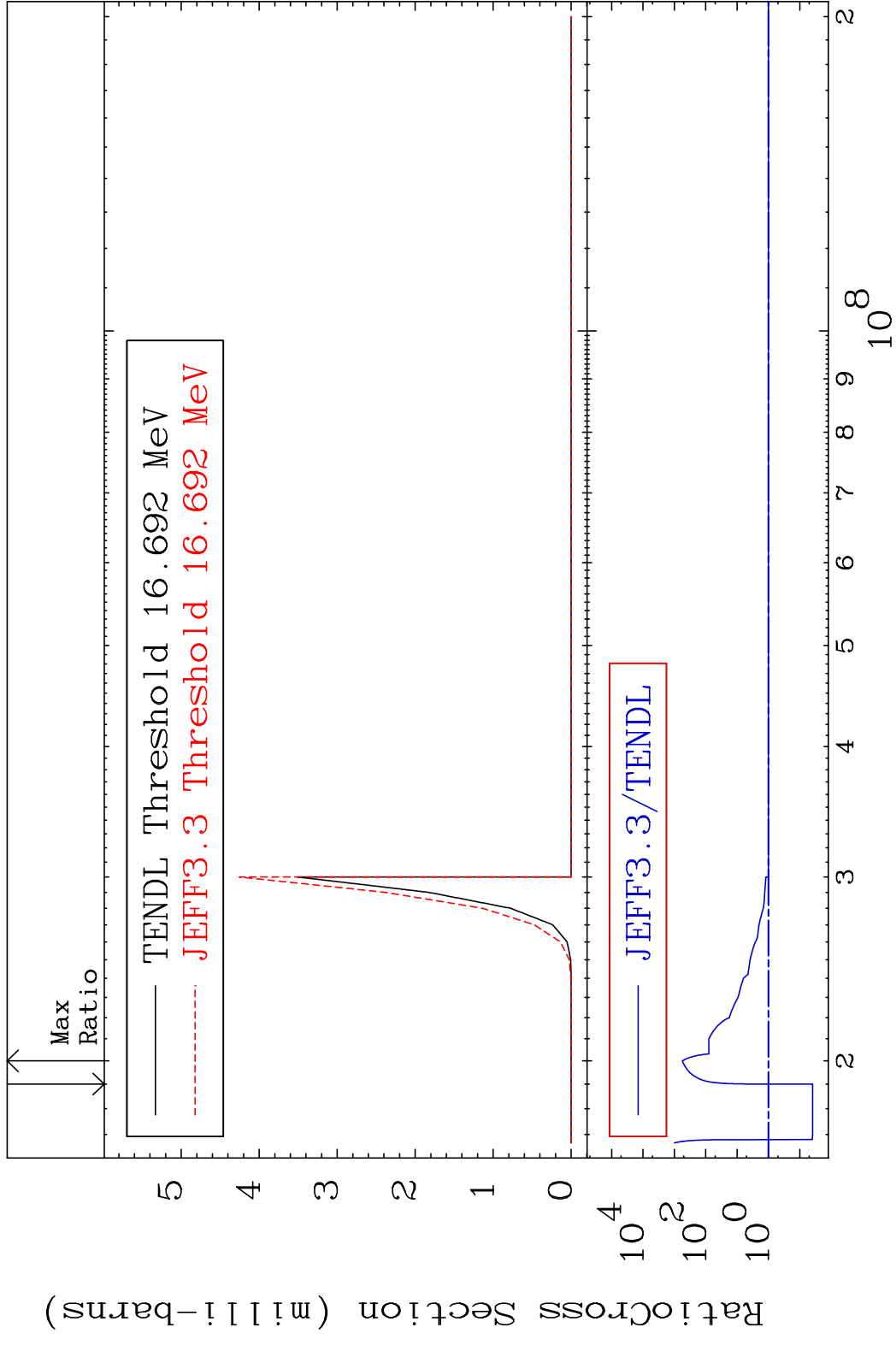


7

Incident Energy (eV)

36-Kr-82

MAT 3637 (n,2n) α 36-Kr-82
 Cross Section -96.09 To 9999. %

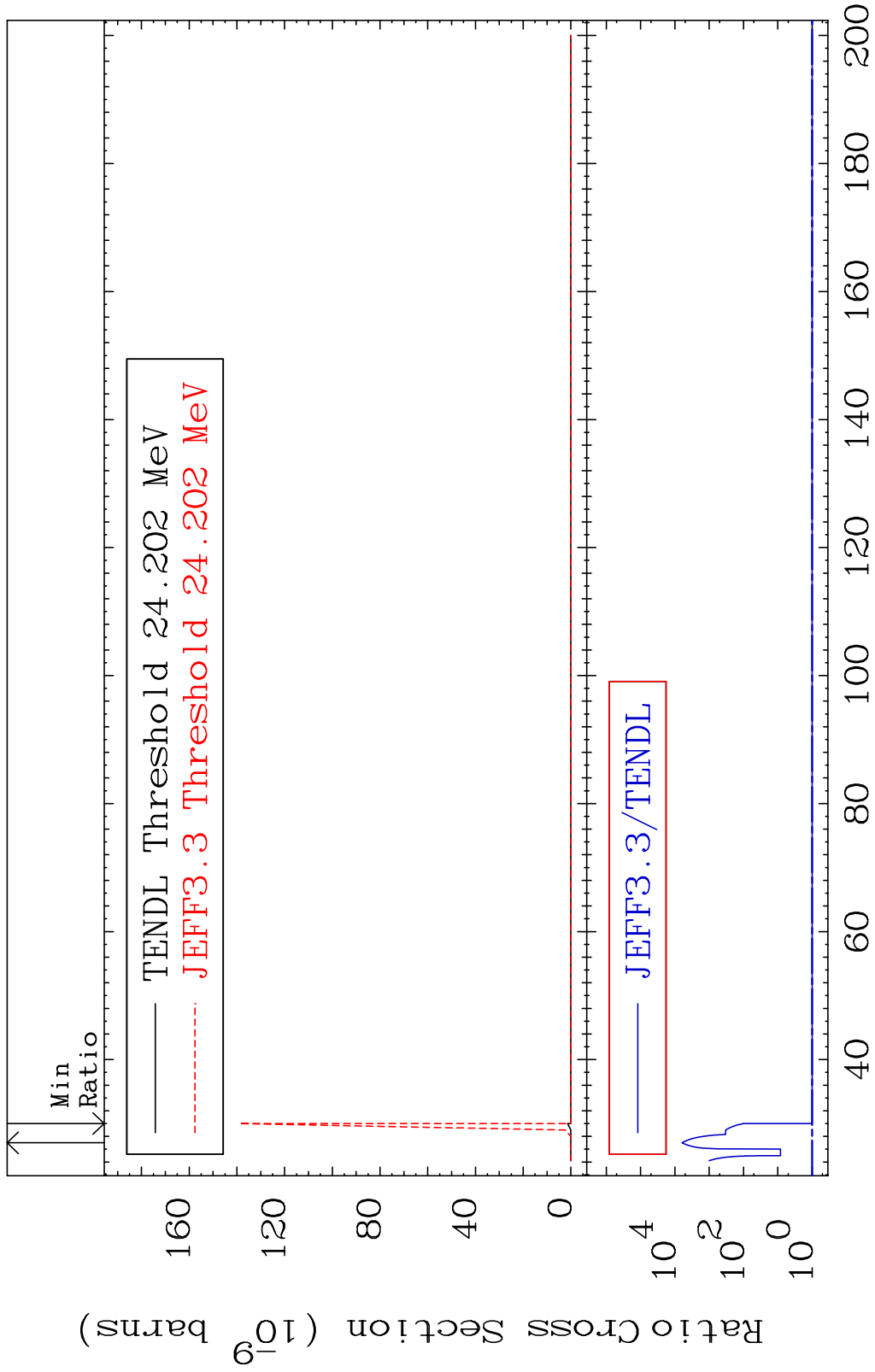


MAT 3637

(n,3n) α

36-Kr-82

Cross Section 0.000 To 9999. %

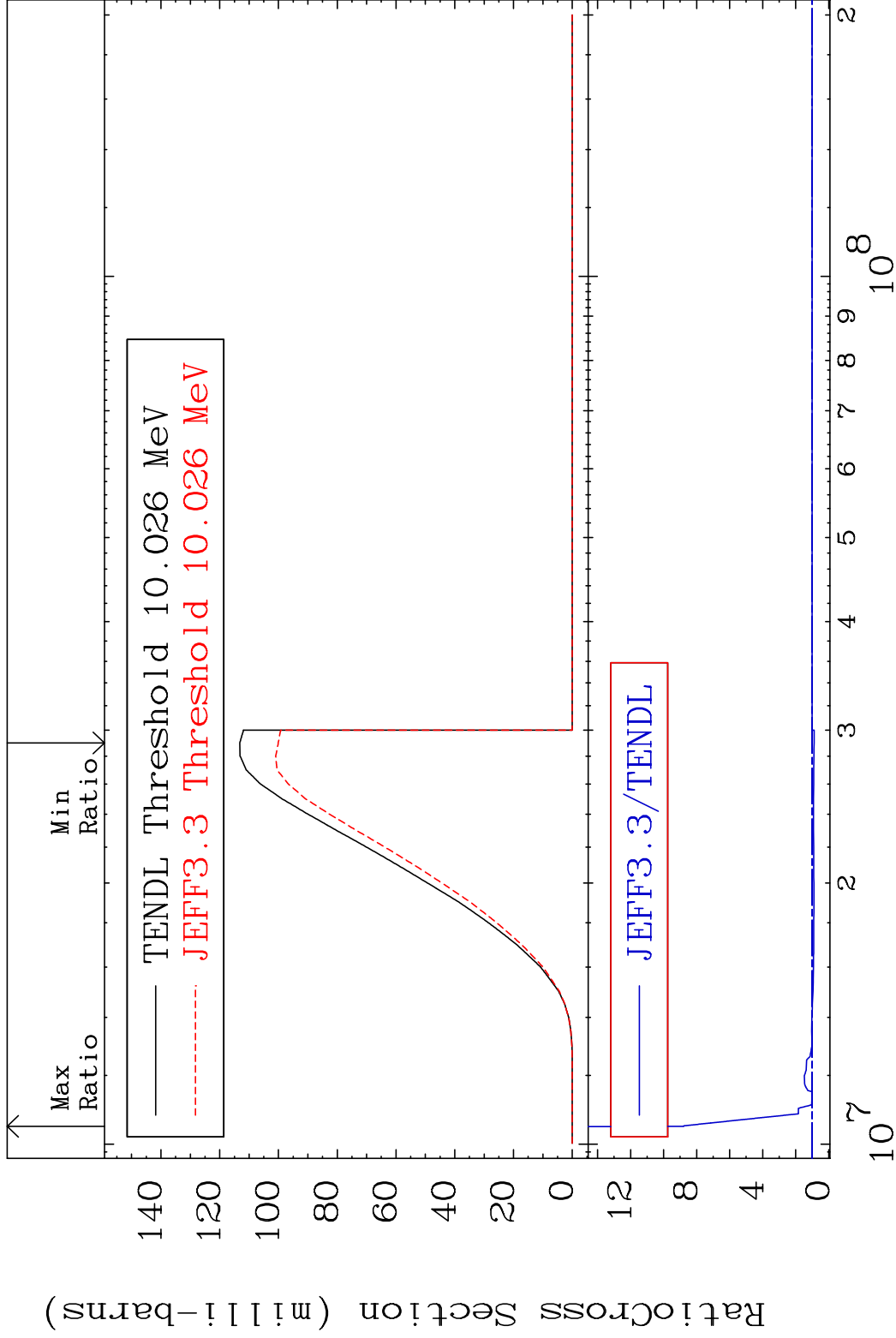


MAT 3637

(n, n') p

36-Kr-82

Cross Section -11.57 To 778.5 %



10

Incident Energy (eV)

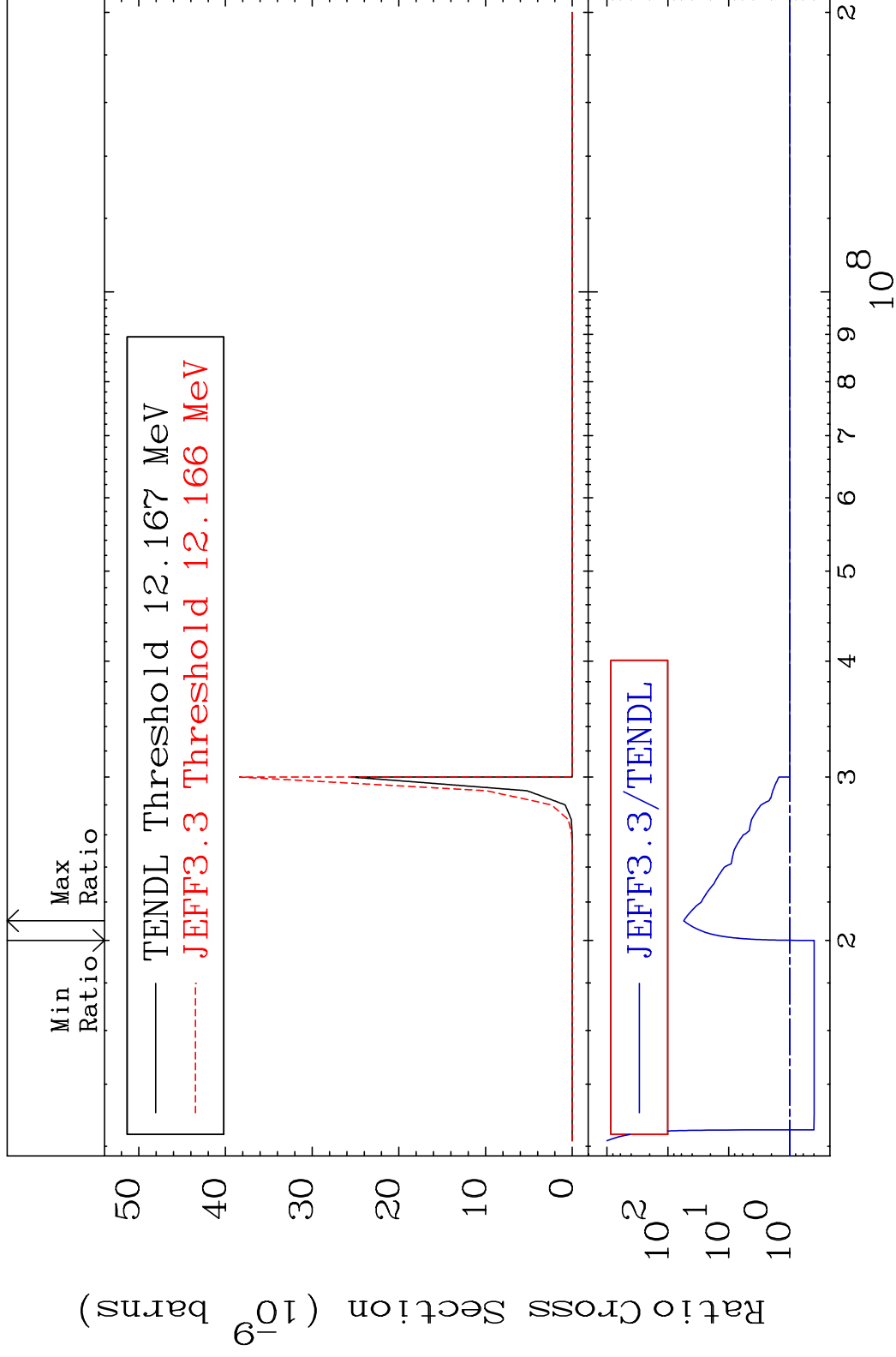
36-Kr-82

MAT 3637

(n, n') 2 α

36-Kr-82

Cross Section -60.25 To 5411. %

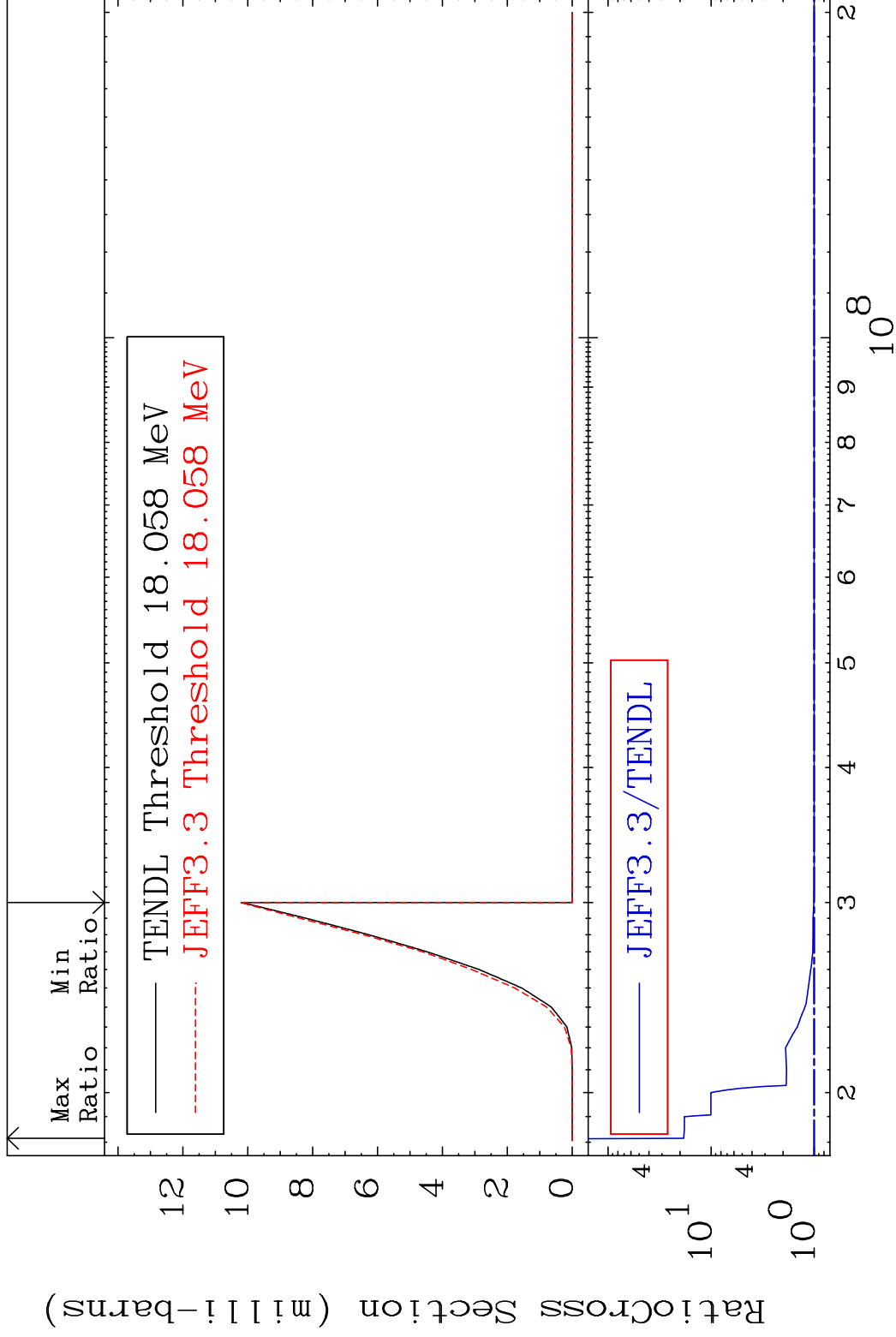


MAT 3637

(n, n') d

36-Kr-82

Cross Section 0.000 To 1745. %



12

Incident Energy (eV)

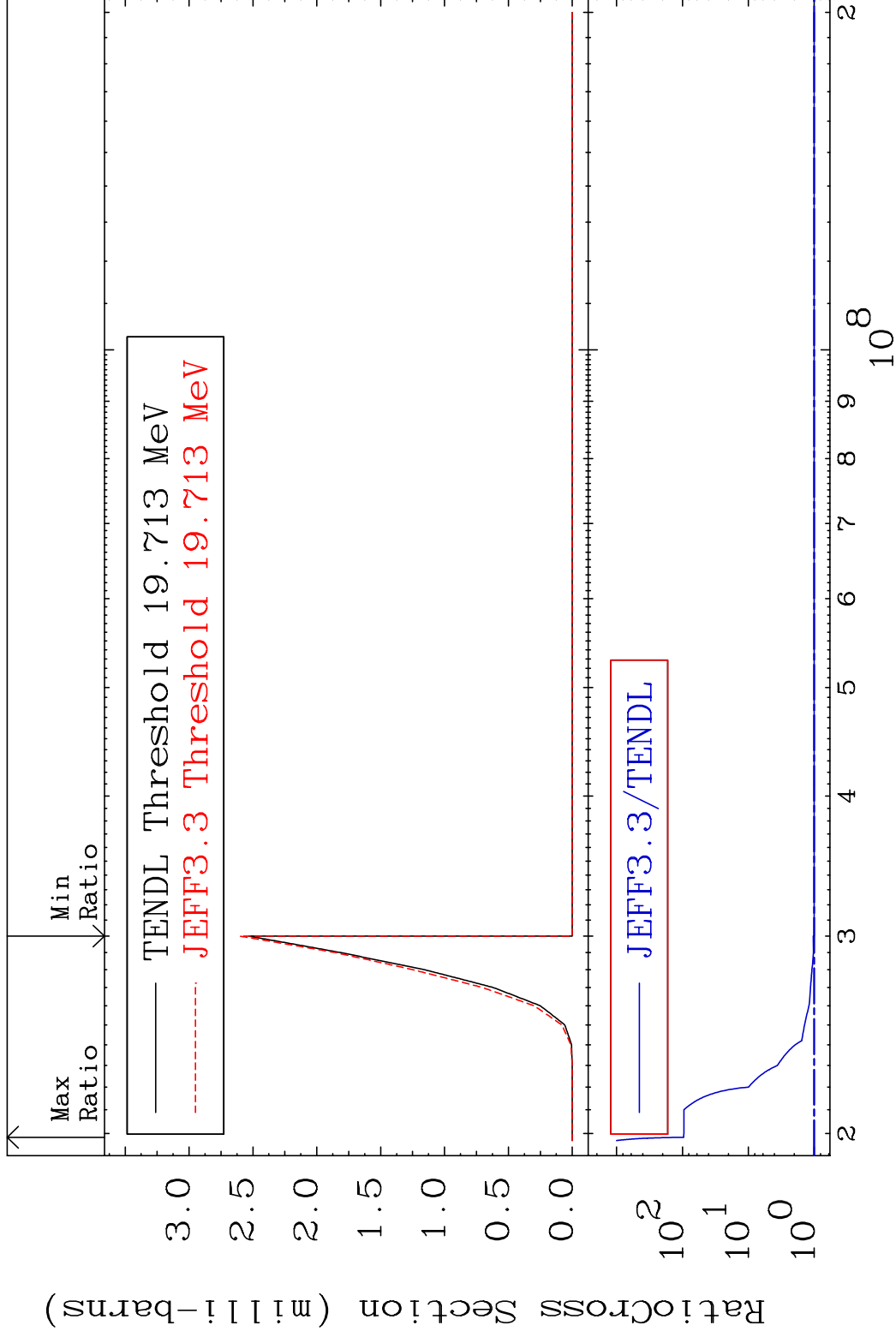
36-Kr-82

MAT 3637

(n, n') t

36-Kr-82

Cross Section 0.000 To 9482. %



13

Incident Energy (eV)

36-Kr-82

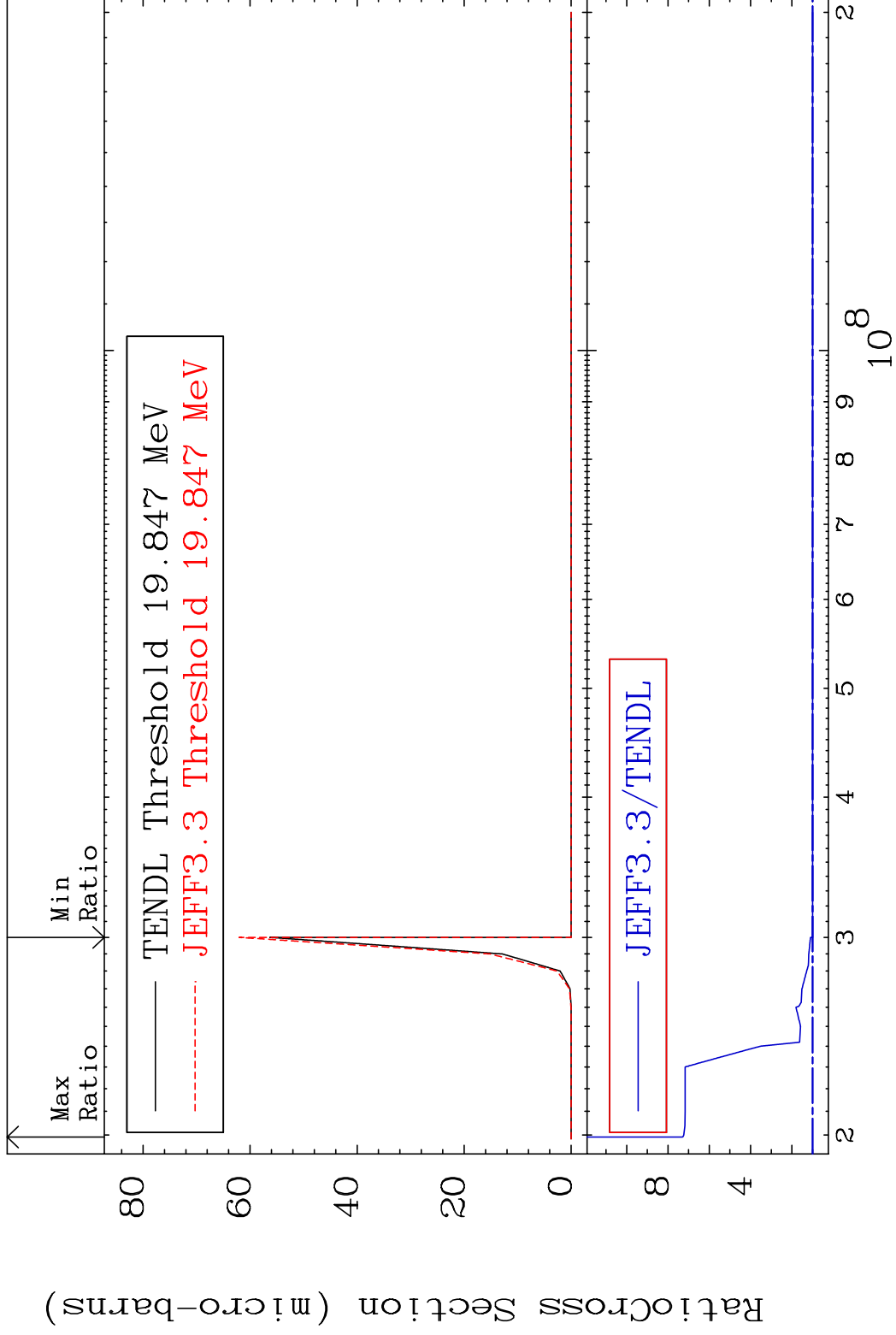
MAT 3637

(n,n') He-3

36-Kr-82

Cross Section 0.000

To 630.3 %



14

Incident Energy (eV)

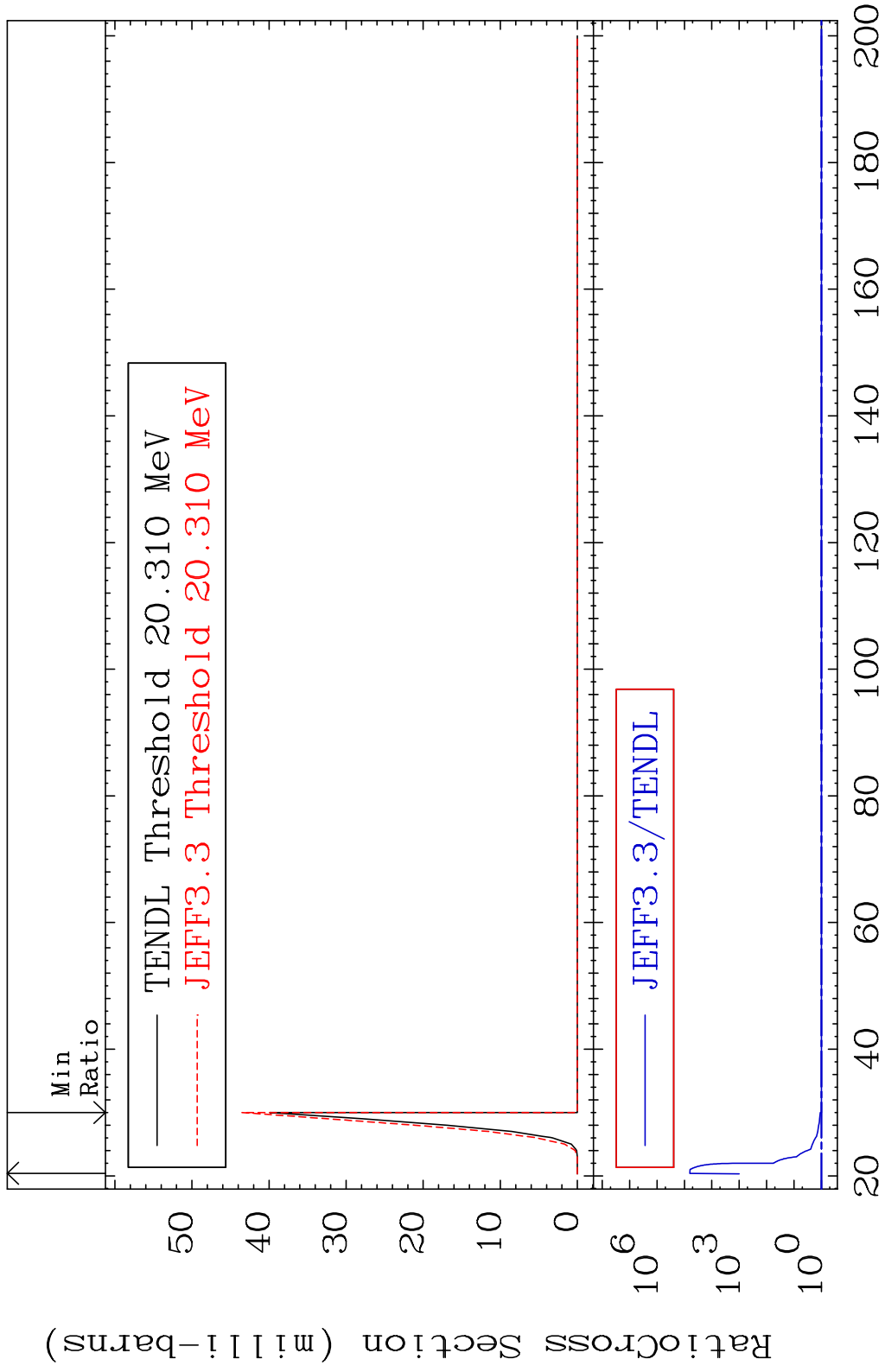
36-Kr-82

MAT 3637

(n,2n) p

36-Kr-82

Cross Section 0.000 To 9999. %

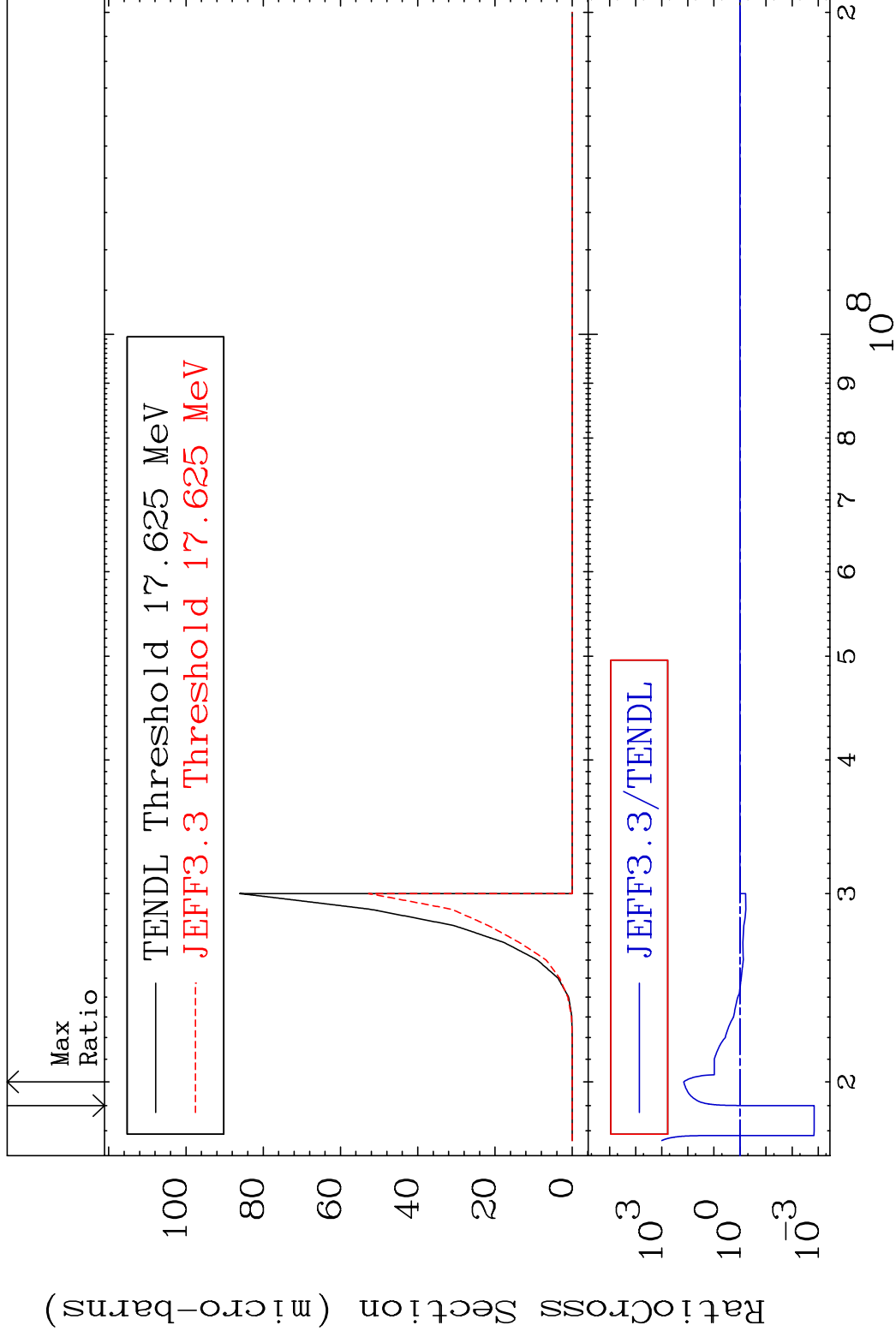


MAT 3637

(n,2n) p

36-Kr-82

Cross Section -99.86 To 9999. %

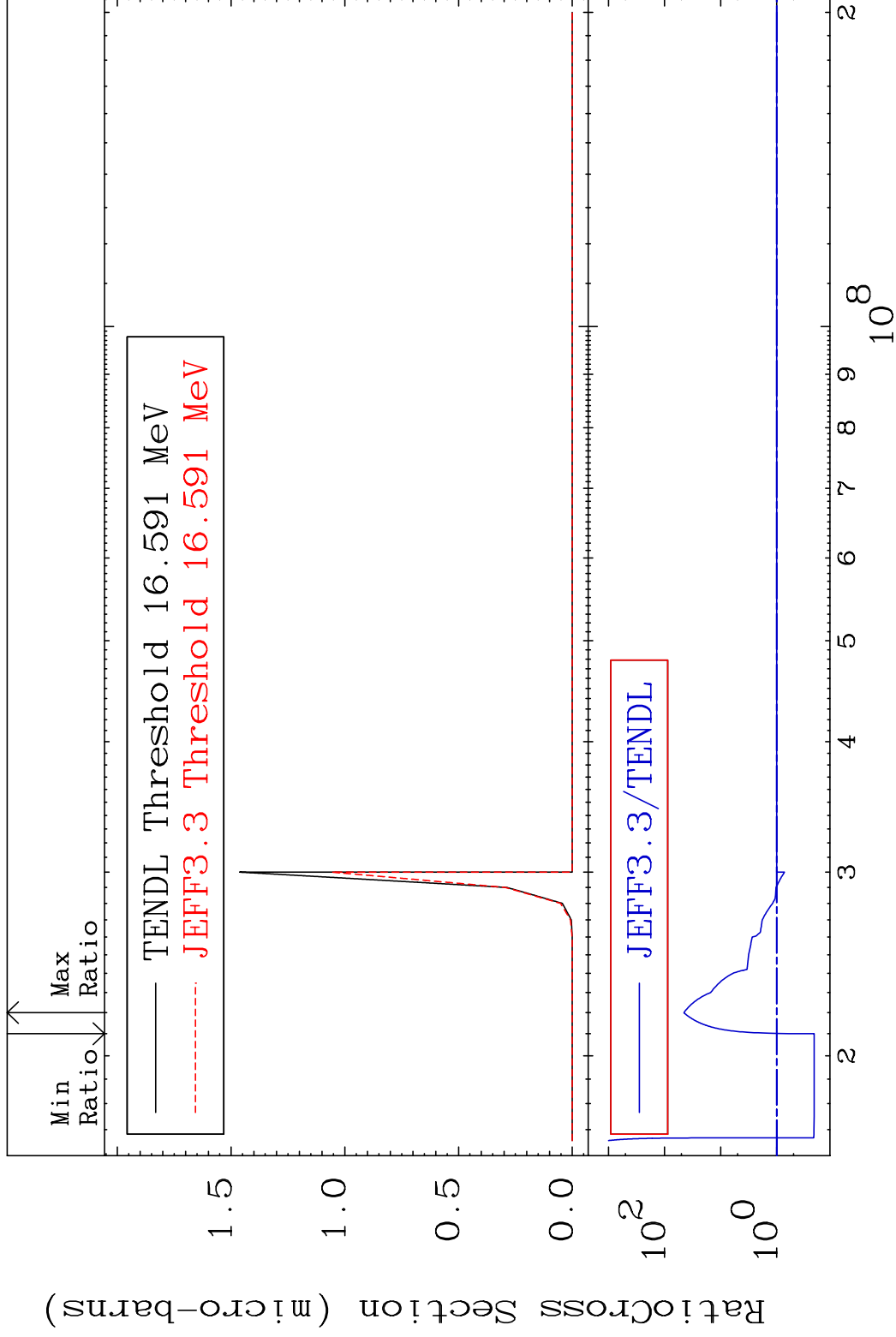


MAT 3637

(n,n') p α

36-Kr-82

Cross Section -78.51 To 4471. %



17

Incident Energy (eV)

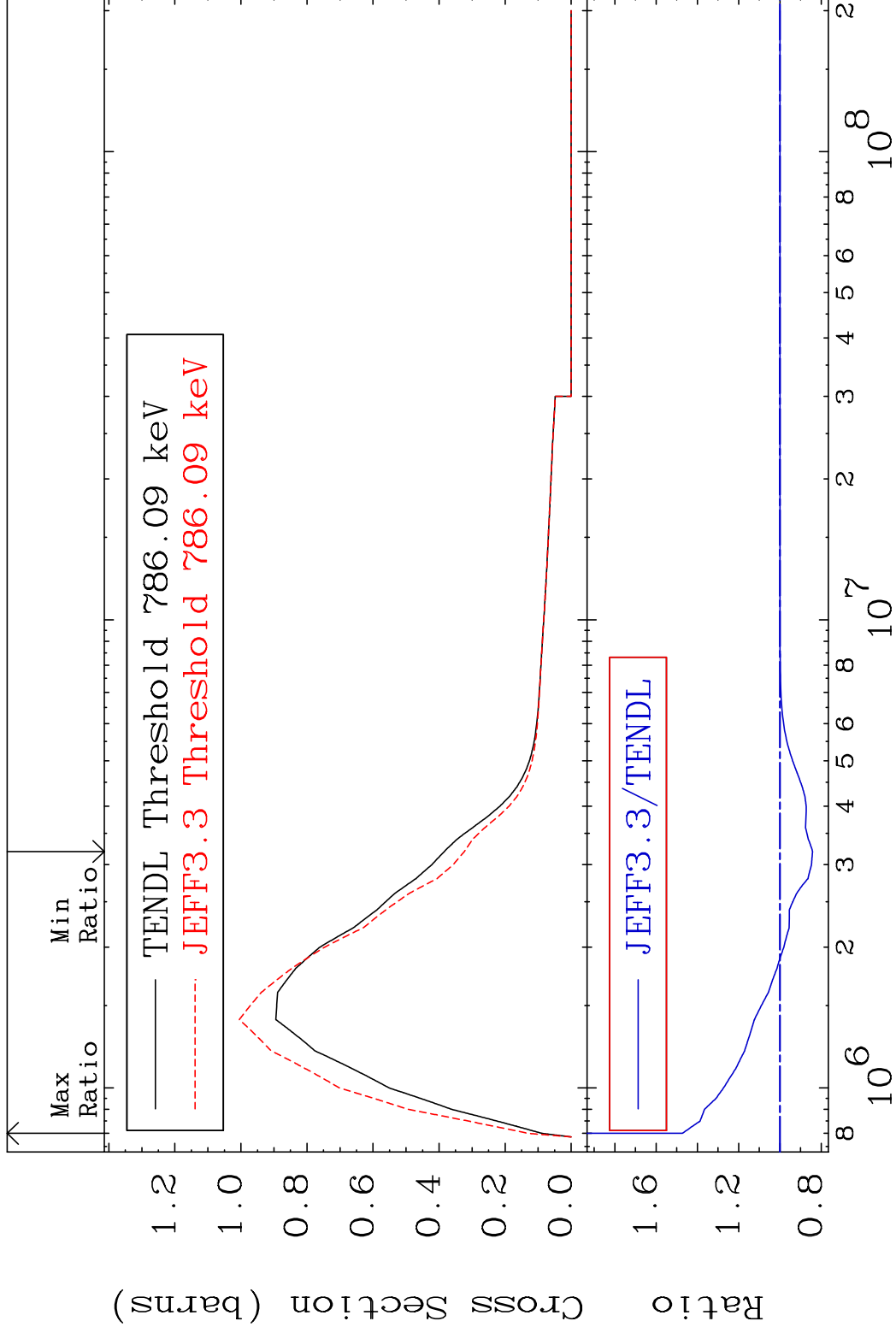
36-Kr-82

MAT 3637

MT= 51 (n, n') Level

36-Kr-82

Cross Section -15.82 To 47.27 %



18

Incident Energy (eV)

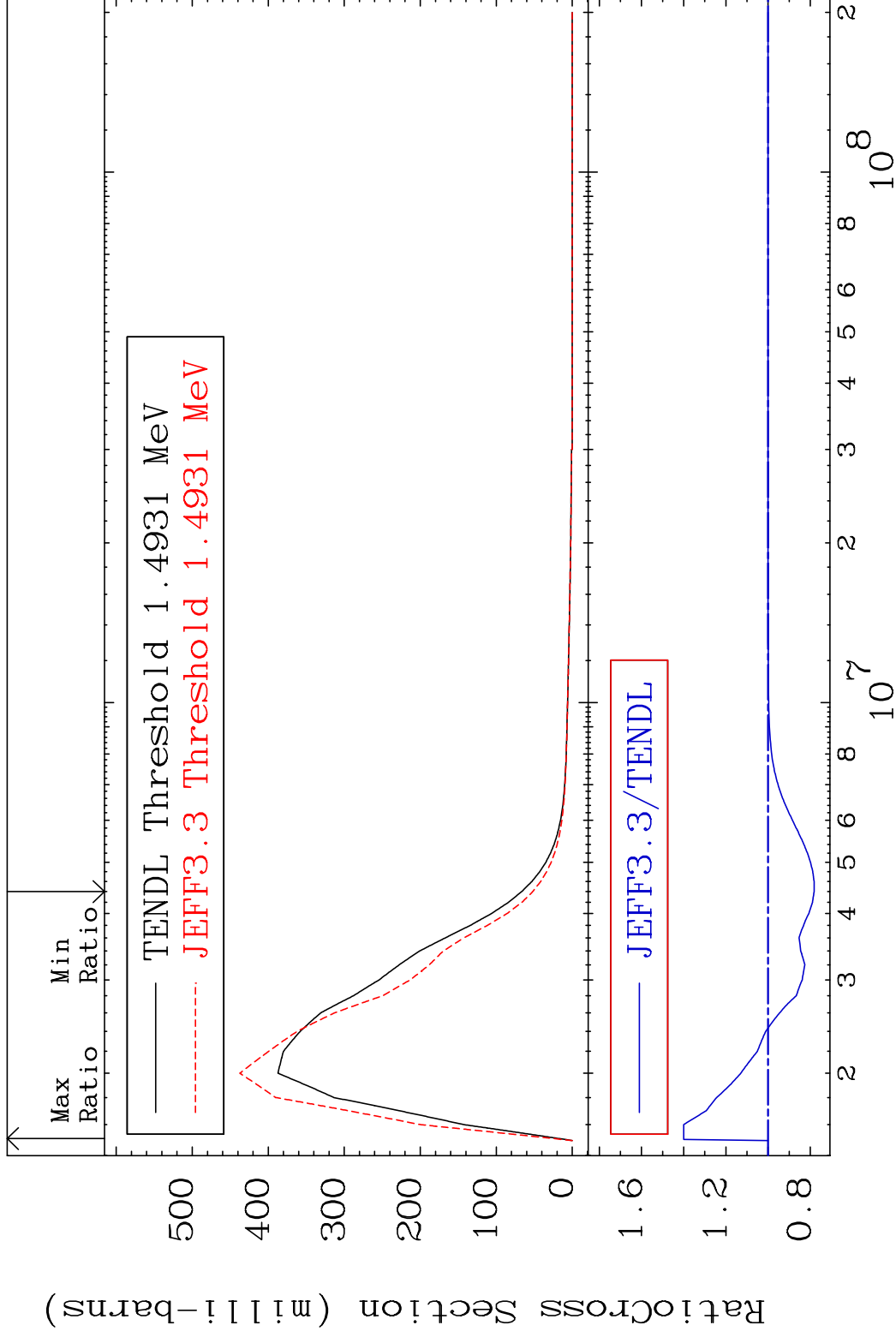
36-Kr-82

MAT 3637

MT= 52 (n, n') Level

36-Kr-82

Cross Section -21.83 To 40.02 %

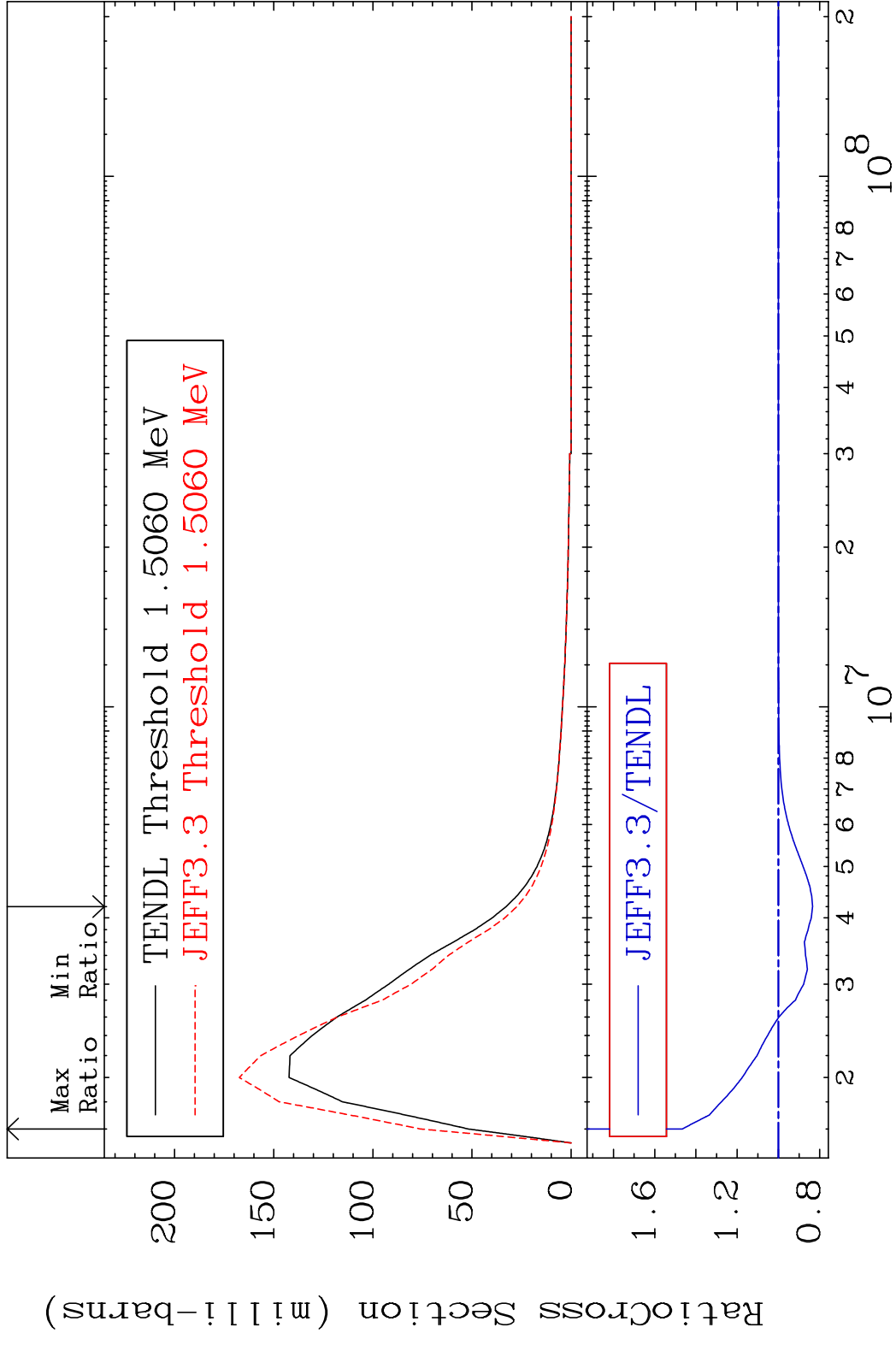


MAT 3637

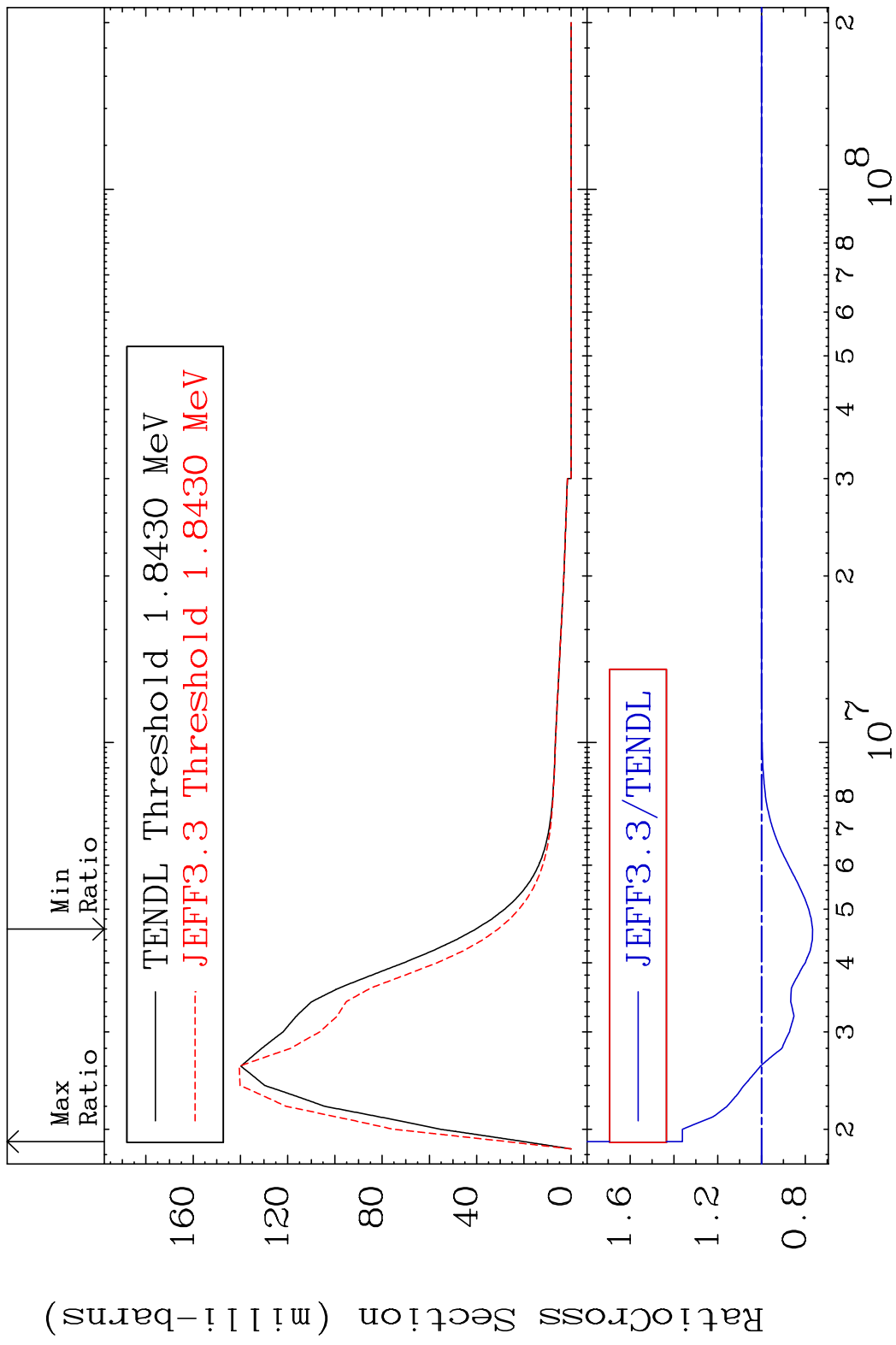
MT= 53 (n, n') Level

36-Kr-82

Cross Section -16.55 To 46.60 %

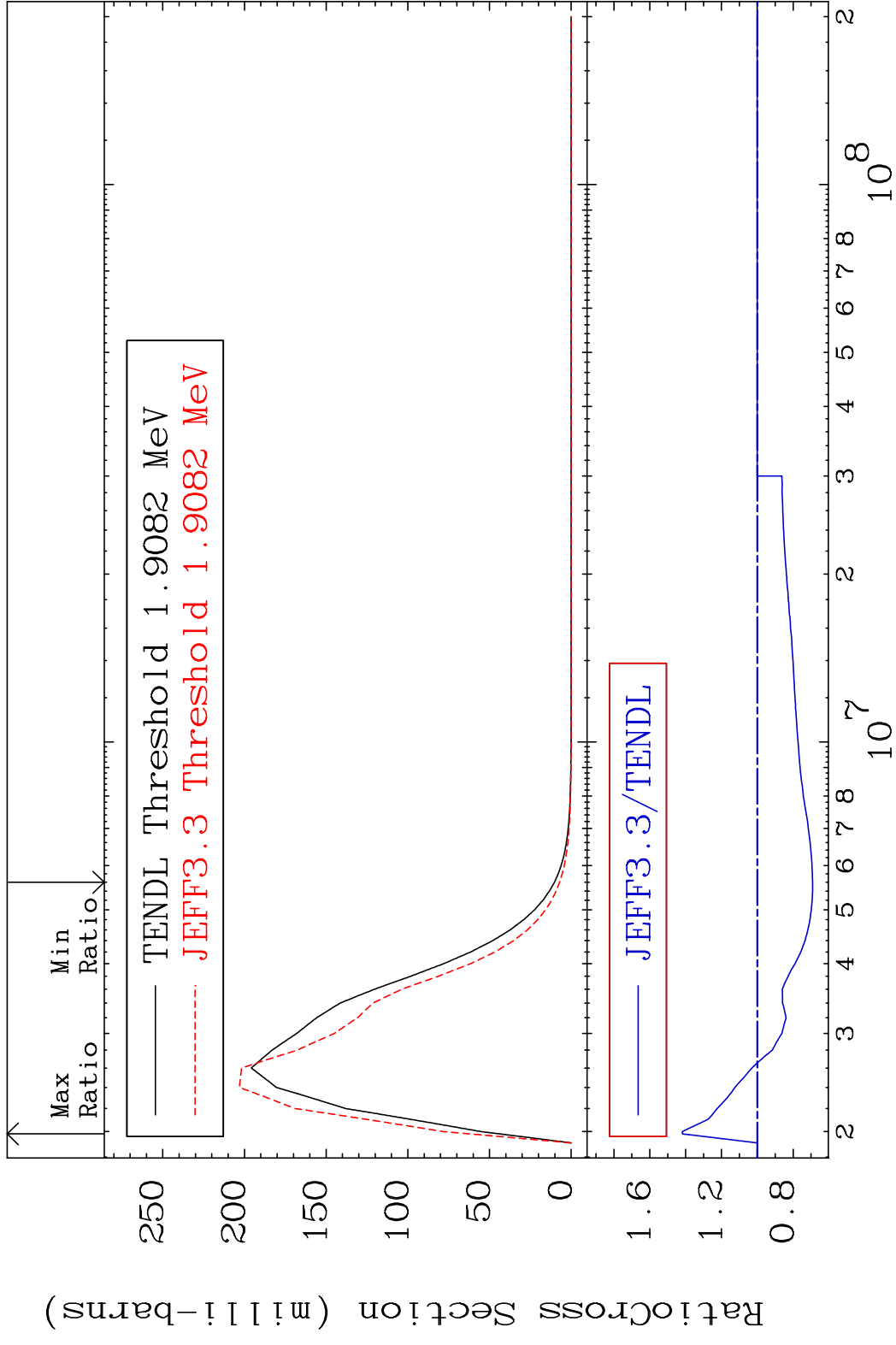


MAT 3637 MT= 54 (n,n') Level 36-Kr-82
 Cross Section -23.32 To 36.15 %

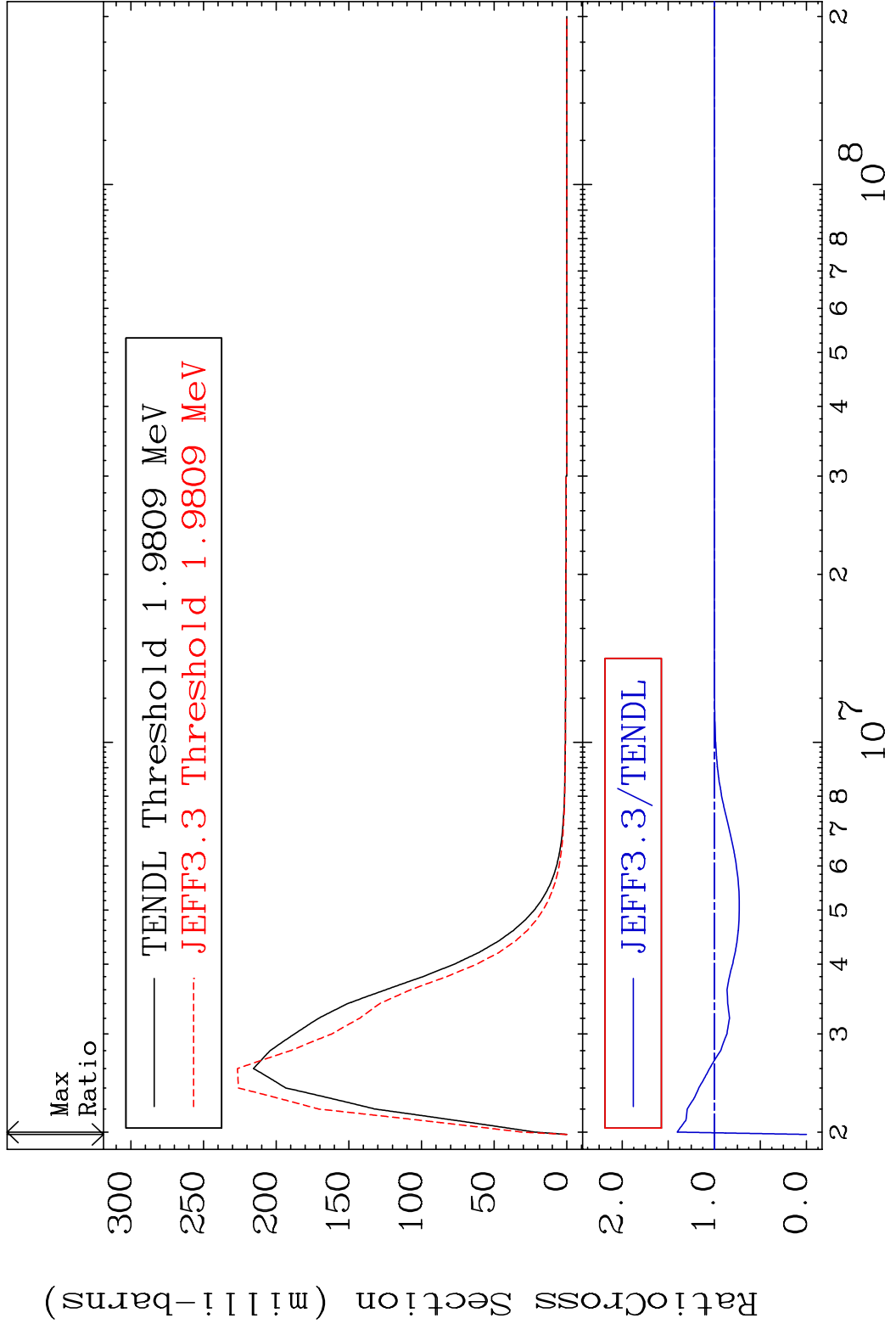


21 Incident Energy (eV) 36-Kr-82

MAT 3637 MT= 55 (n,n') Level 36-Kr-82
 Cross Section -30.84 To 41.82 %



MAT 3637 MT= 56 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 40.28 %

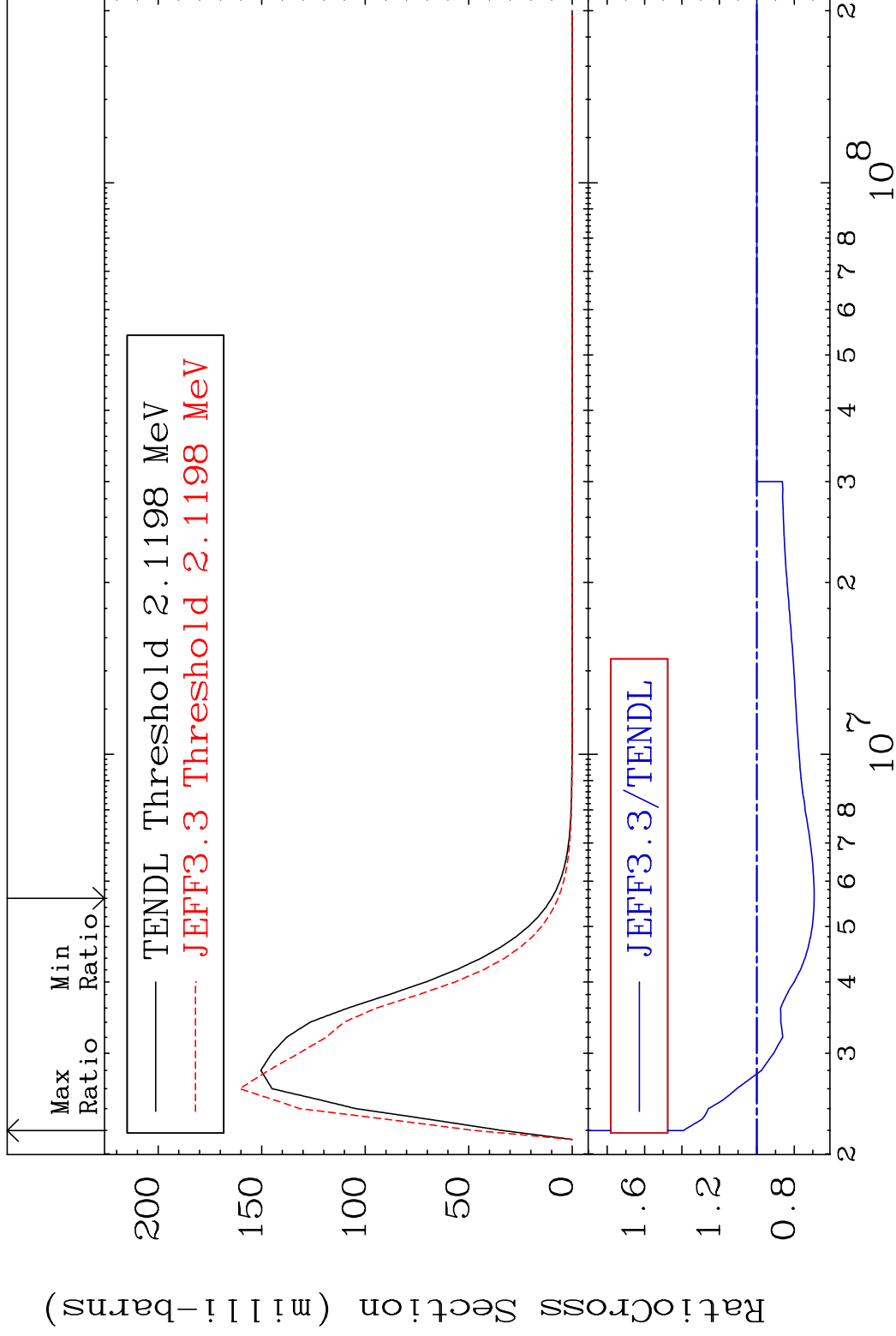


MAT 3637

MT= 57 (n, n') Level

36-Kr-82

Cross Section -30.65 To 39.07 %

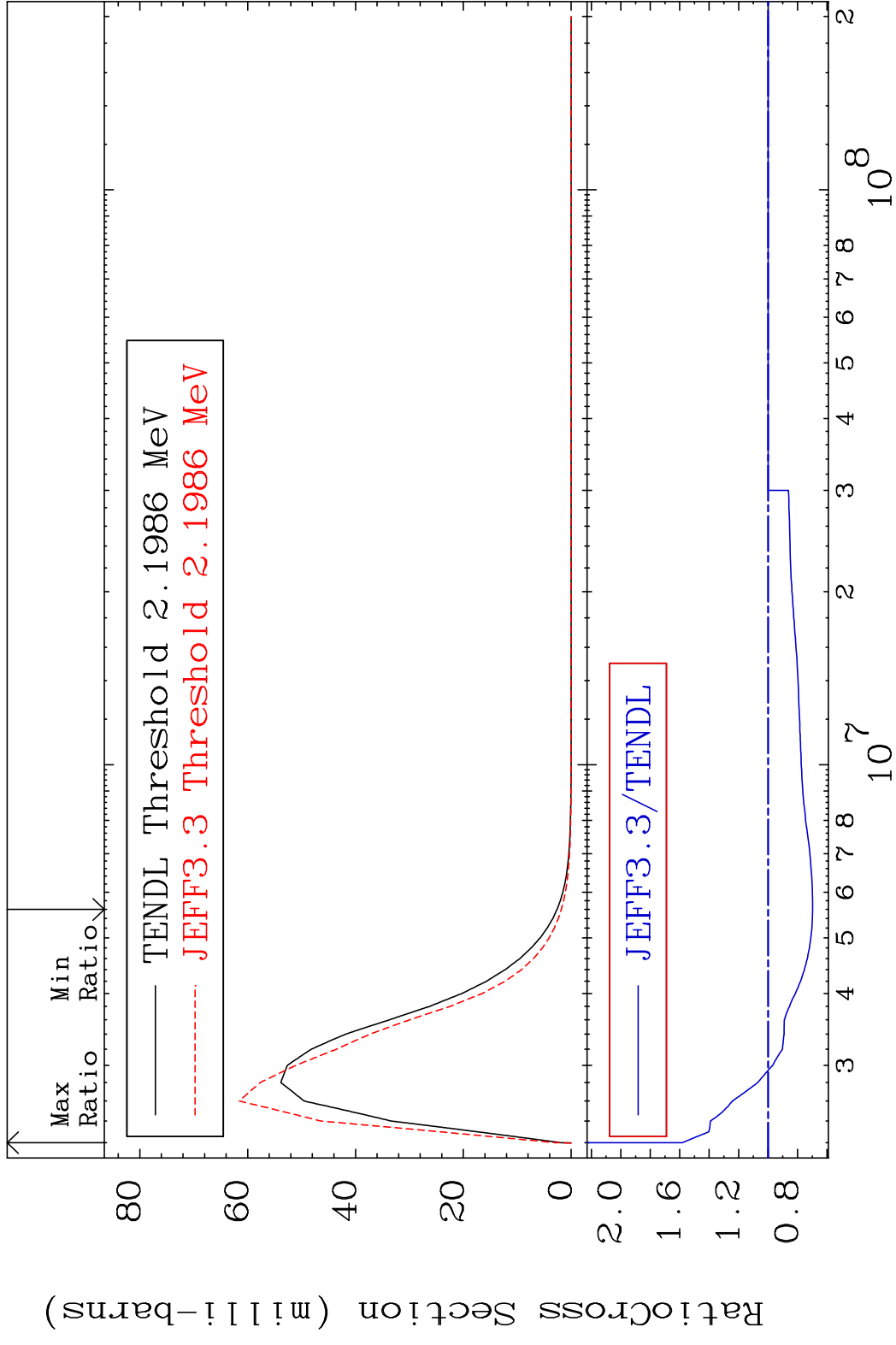


MAT 3637

MT= 58 (n, n') Level

36-Kr-82

Cross Section -30.18 To 58.21 %

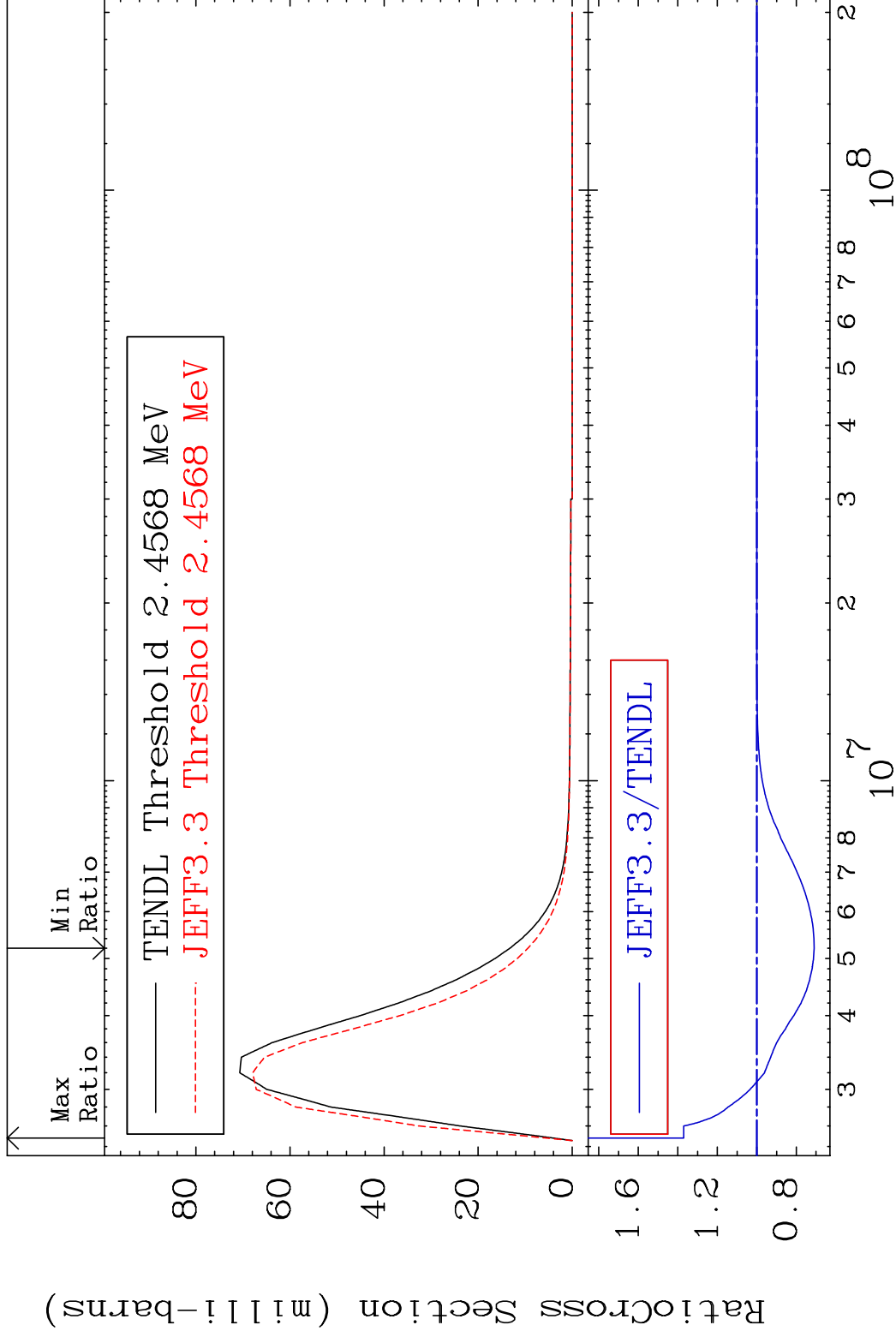


MAT 3637

MT= 59 (n, n') Level

36-Kr-82

Cross Section -29.00 To 37.03 %

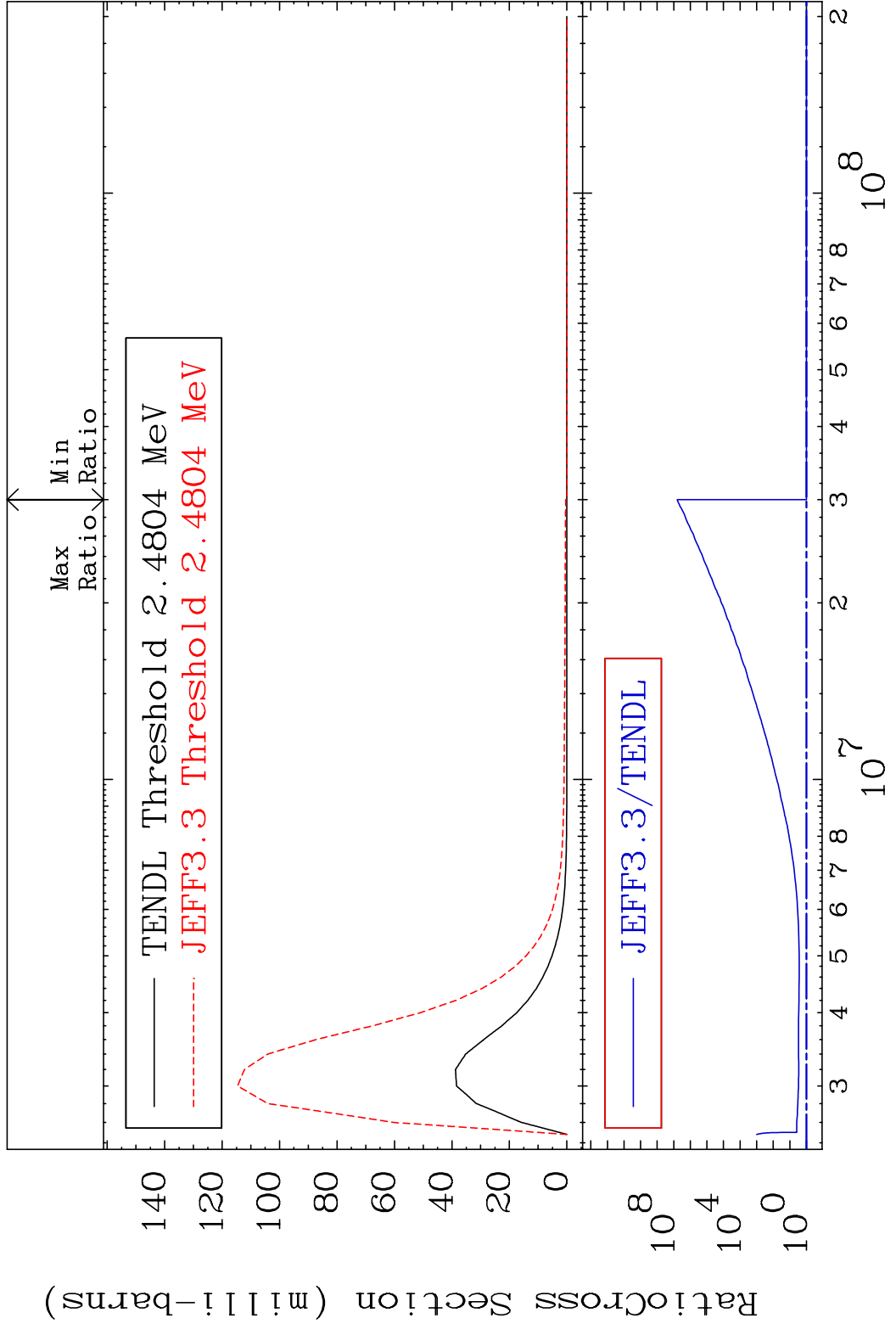


26

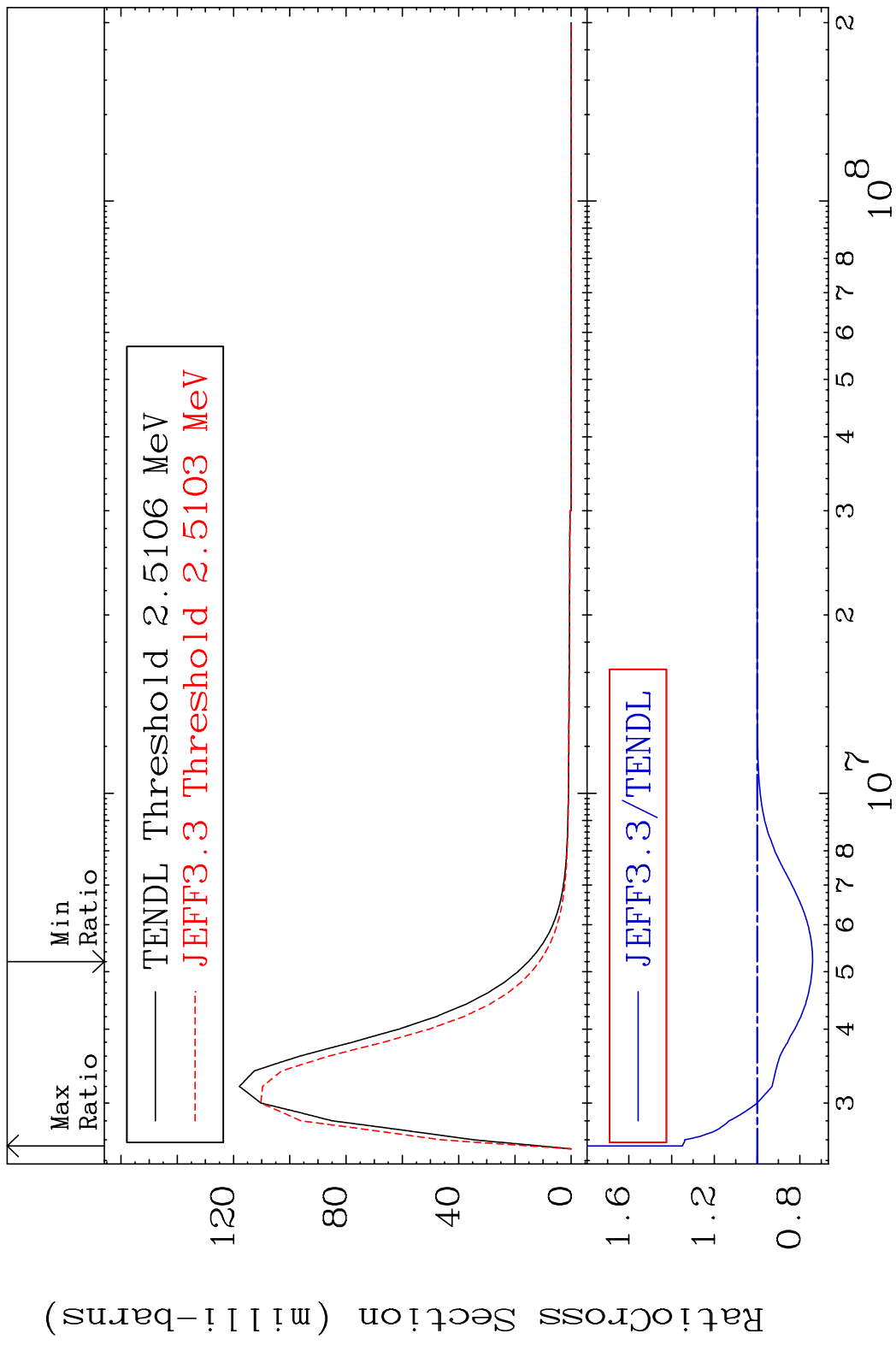
Incident Energy (eV)

36-Kr-82

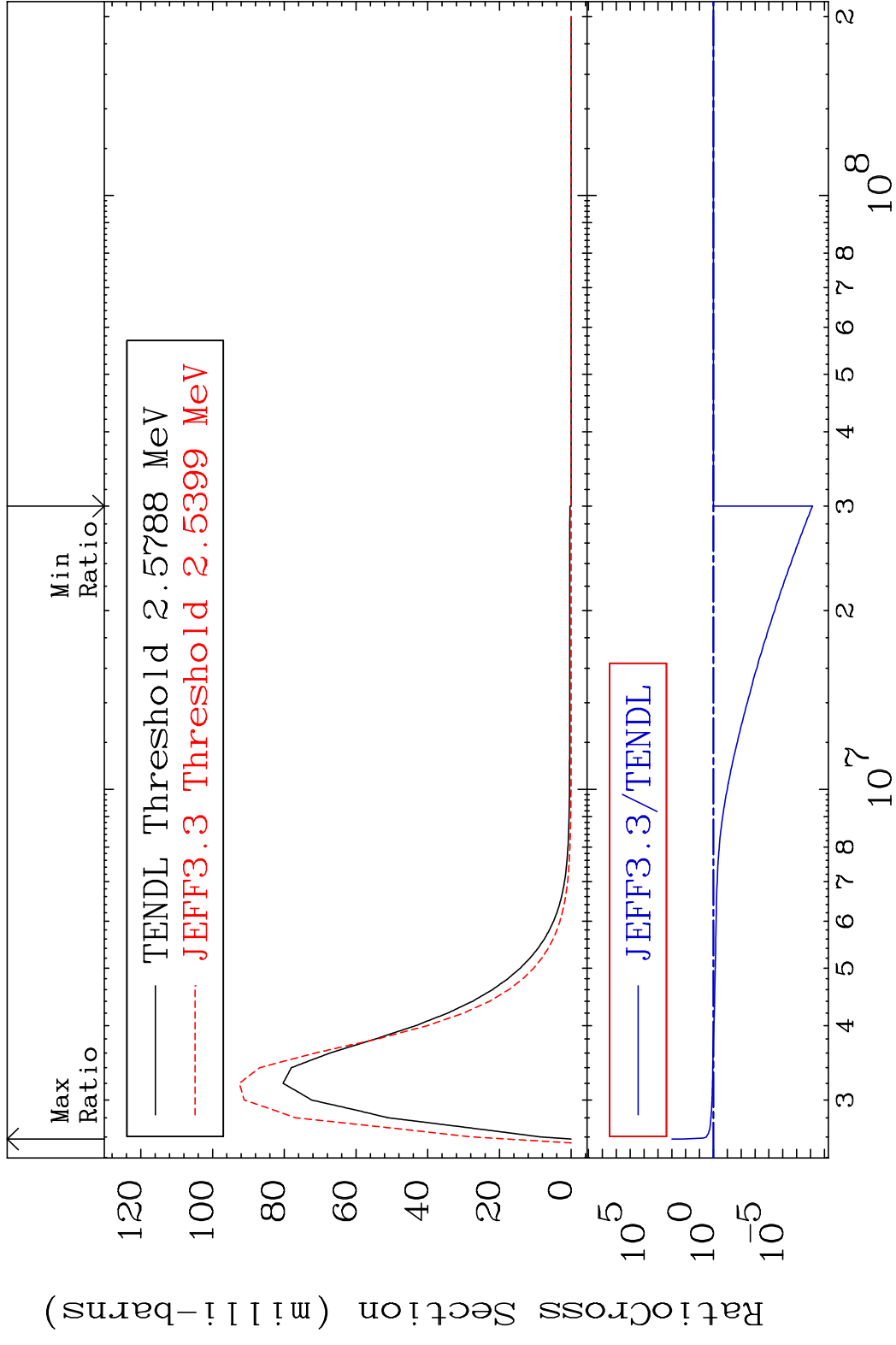
MAT 3637 MT= 60 (n, n') Level 36-Kr-82
 Cross Section 0.000 To 9999. %



MAT 3637 MT= 61 (n, n') Level 36-Kr-82
 Cross Section -25.93 To 34.98 %



MAT 3637 MT= 62 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %

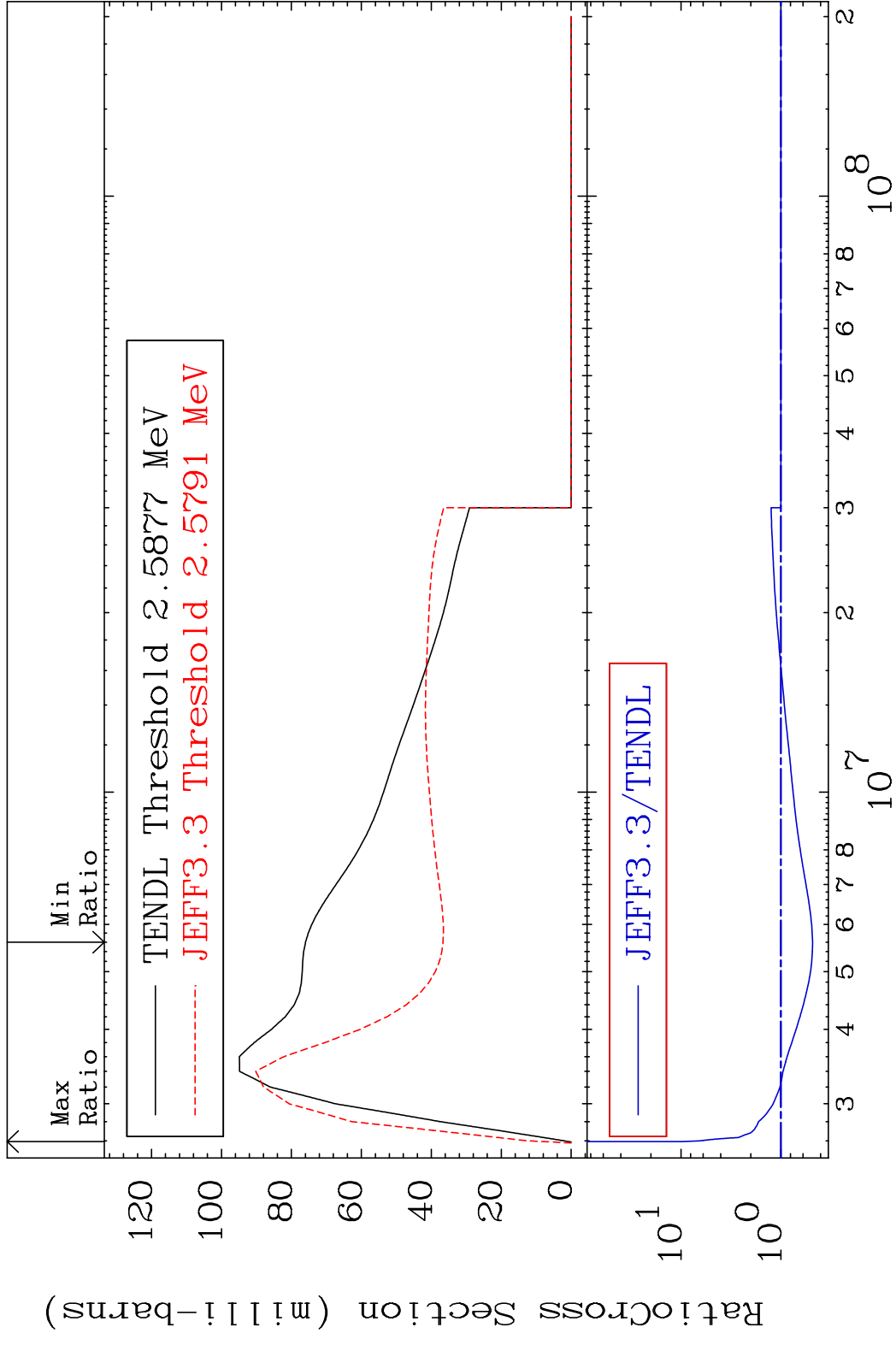


MAT 3637

MT= 63 (n, n') Level

36-Kr-82

Cross Section -51.77 To 867.9 %

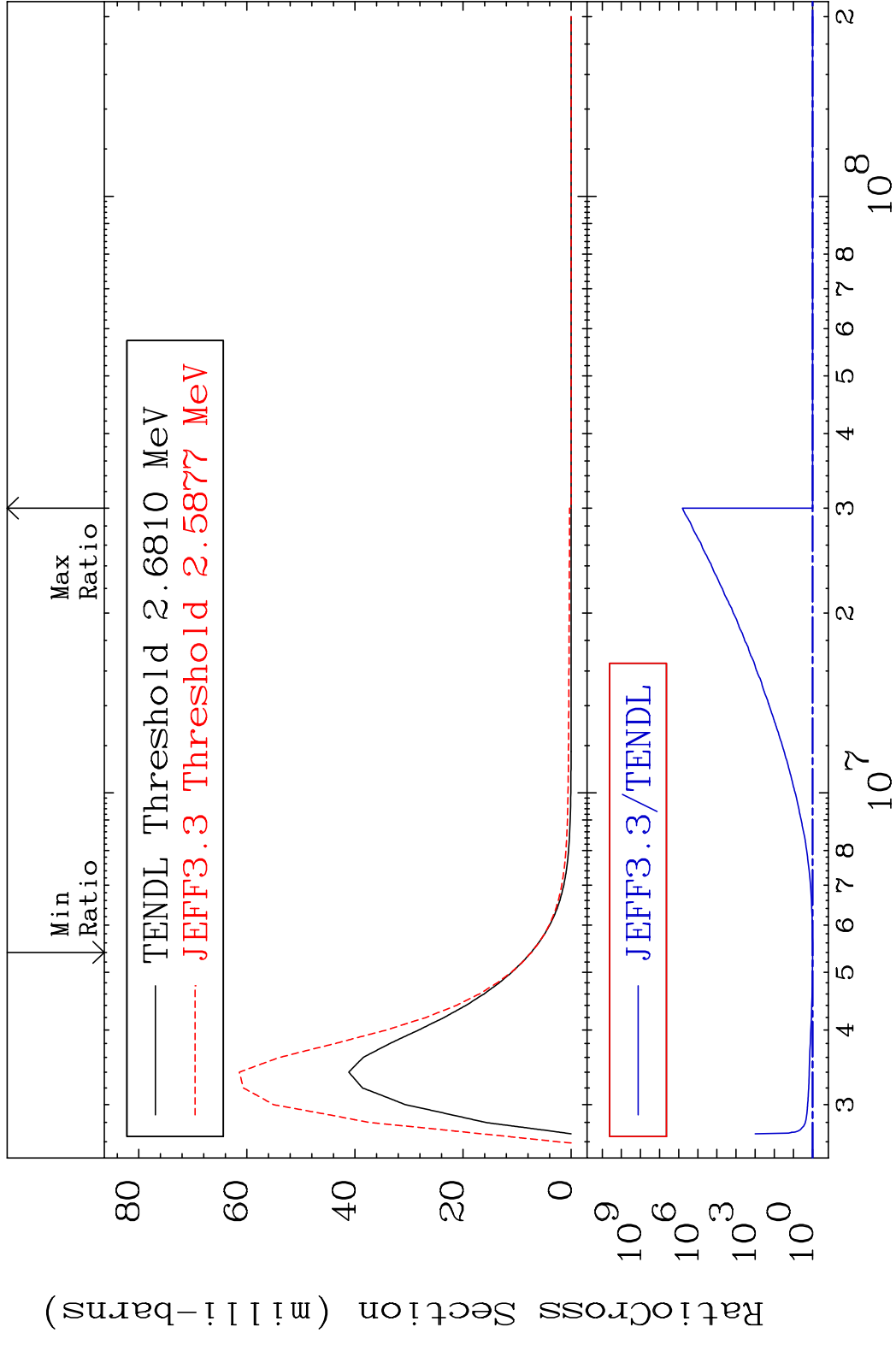


30

Incident Energy (eV)

36-Kr-82

MAT 3637 MT= 64 (n, n') Level 36-Kr-82
 Cross Section -0.754 To 9999. %

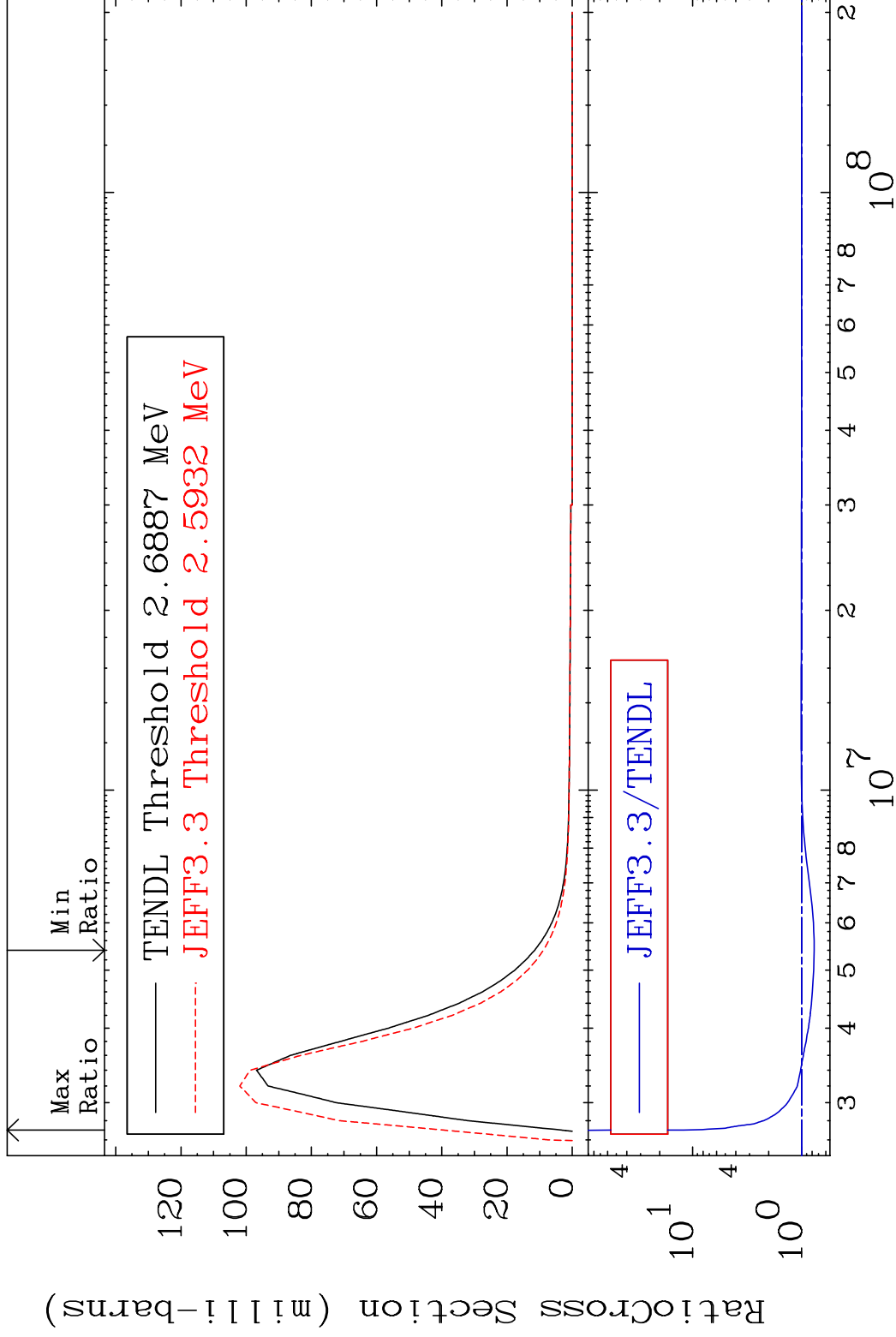


MAT 3637

MT= 65 (n,n') Level

36-Kr-82

Cross Section -23.29 To 1105. %

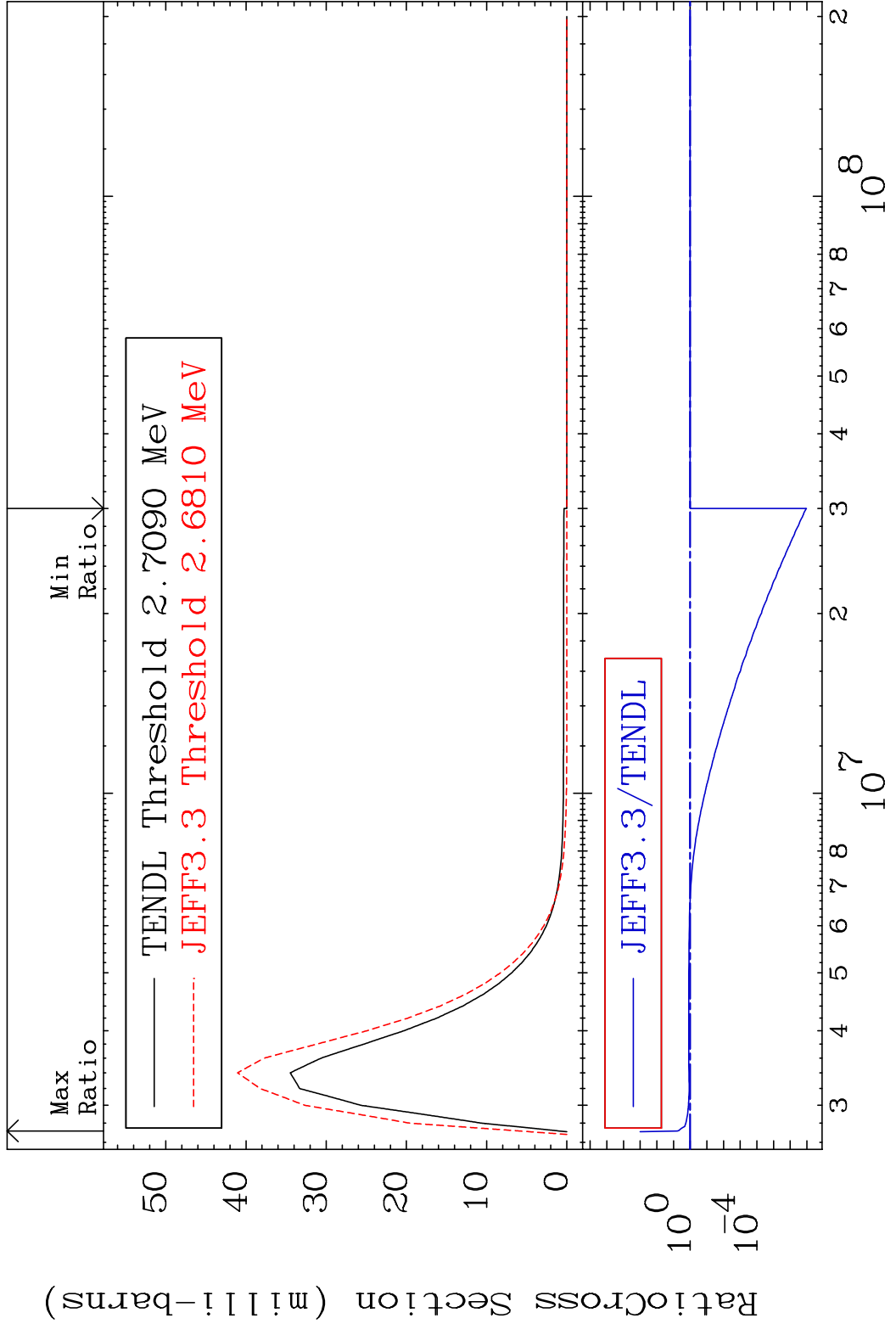


32

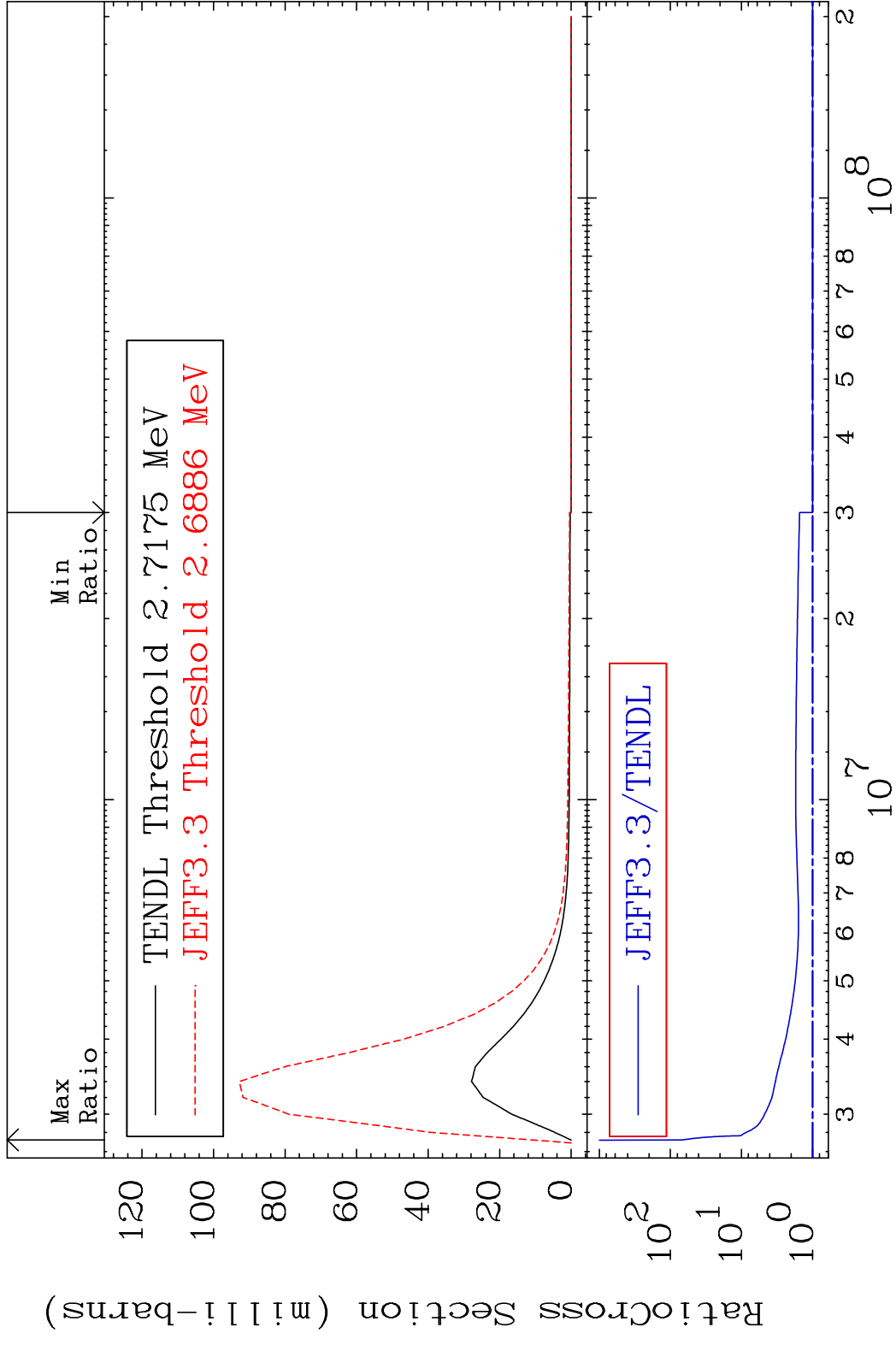
Incident Energy (eV)

36-Kr-82

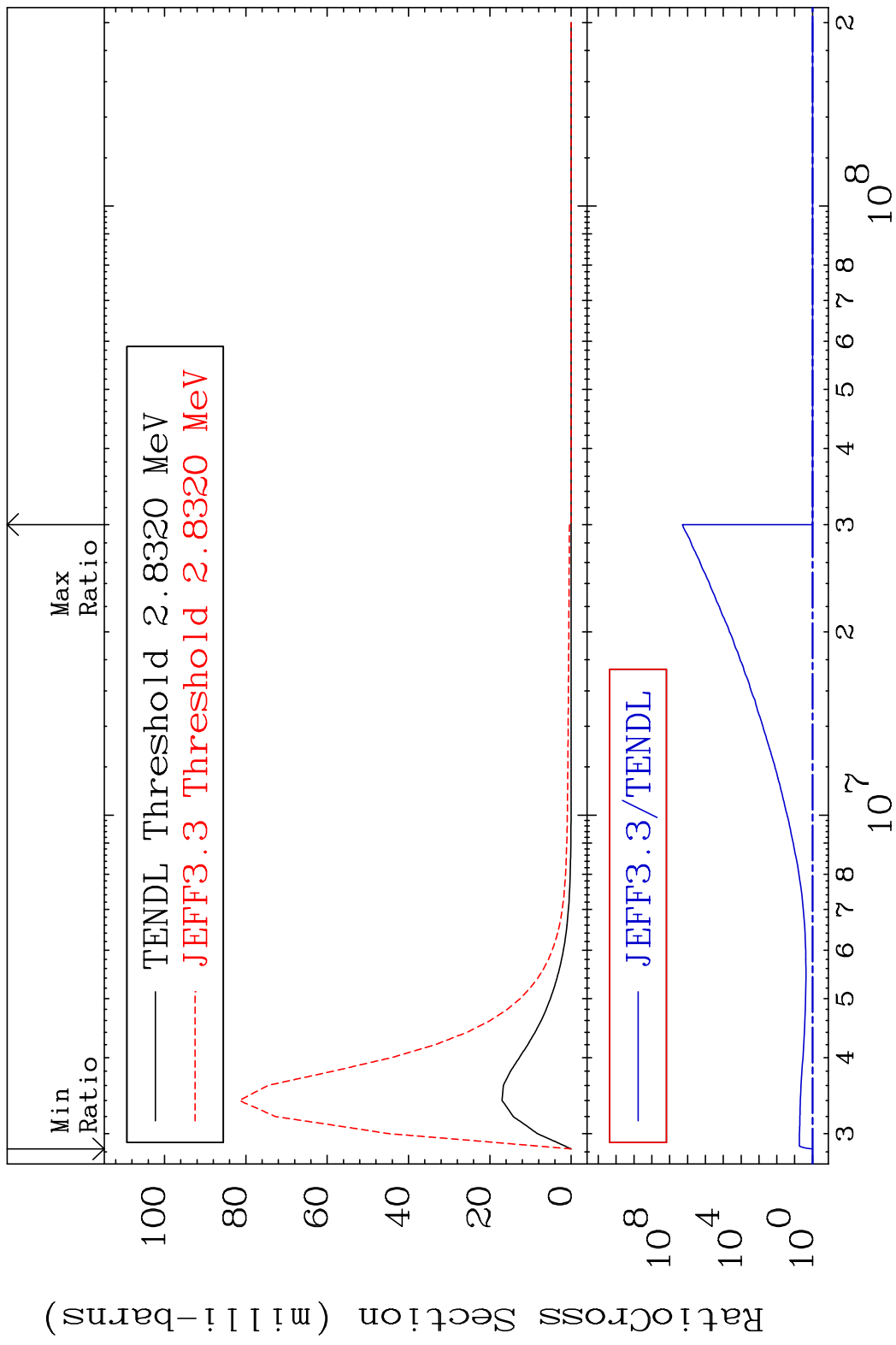
MAT 3637 MT= 66 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 503.2 %



MAT 3637 MT= 67 (n, n') Level 36-Kr-82
 Cross Section 0.000 To 6690. %

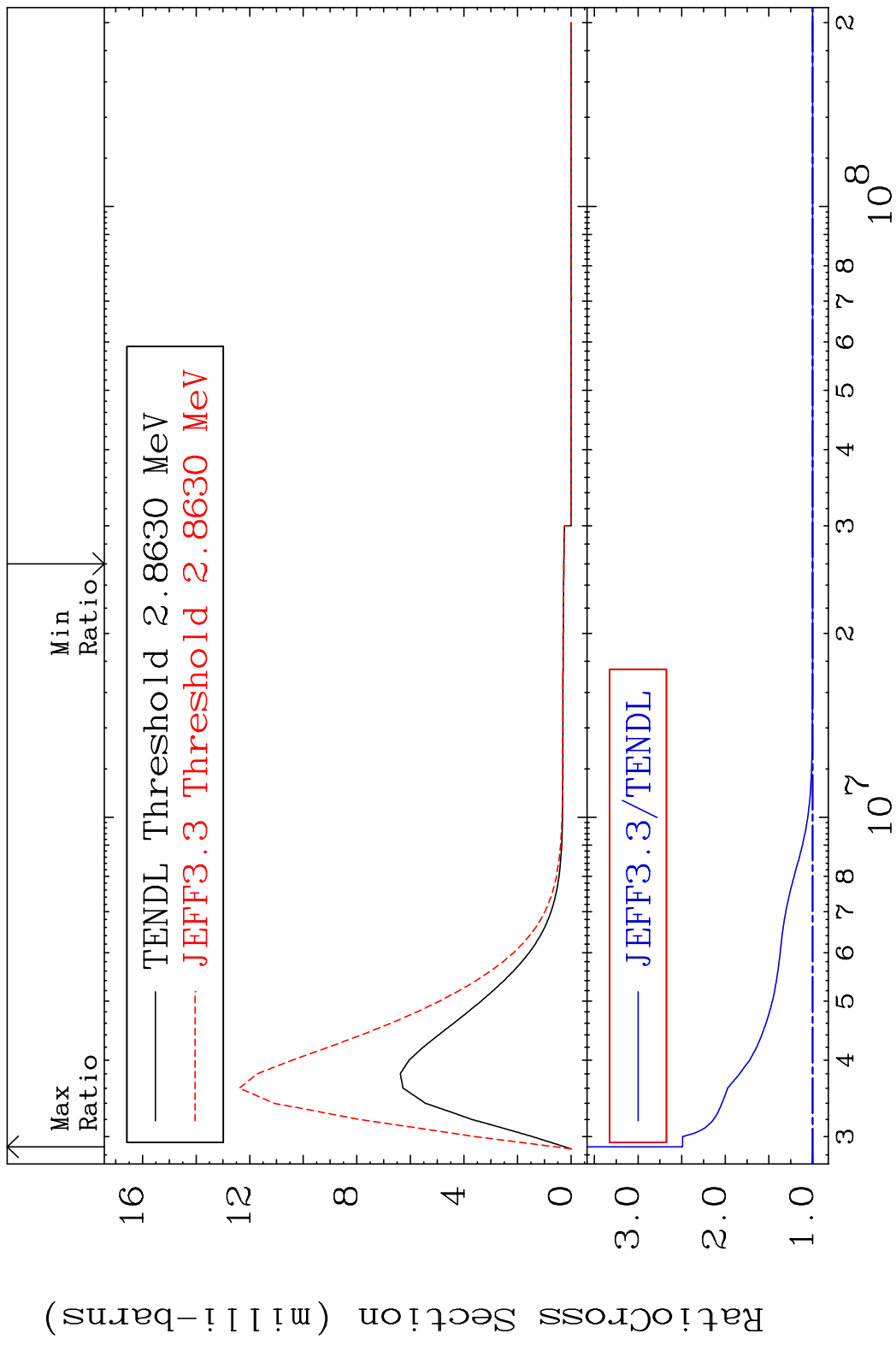


MAT 3637 MT= 68 (n, n') Level 36-Kr-82
 Cross Section 0.000 To 9999. %



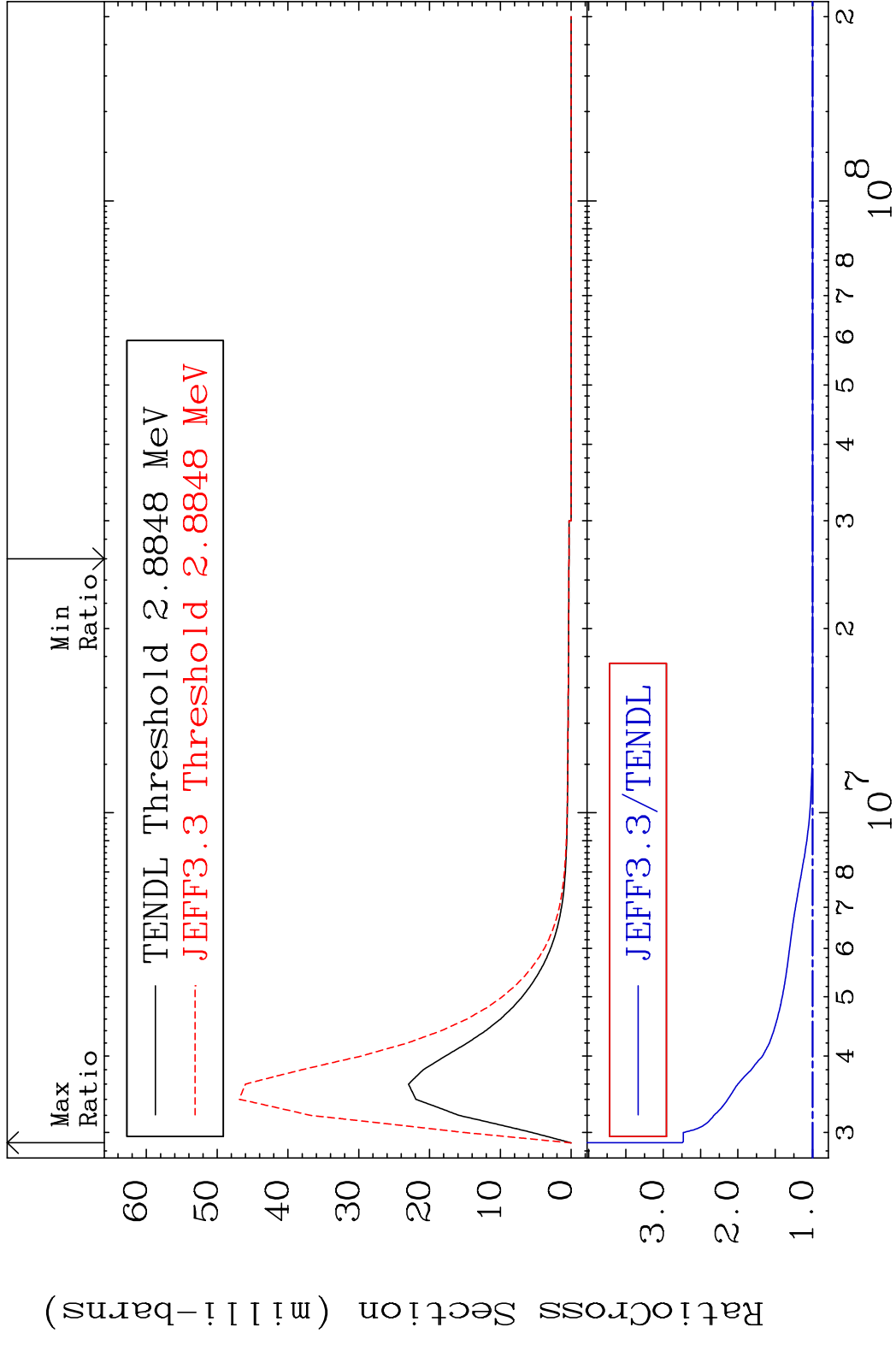
35 Incident Energy (eV) 36-Kr-82

MAT 3637 MT= 69 (n, n') Level 36-Kr-82
 Cross Section 0.000 To 149.2 %

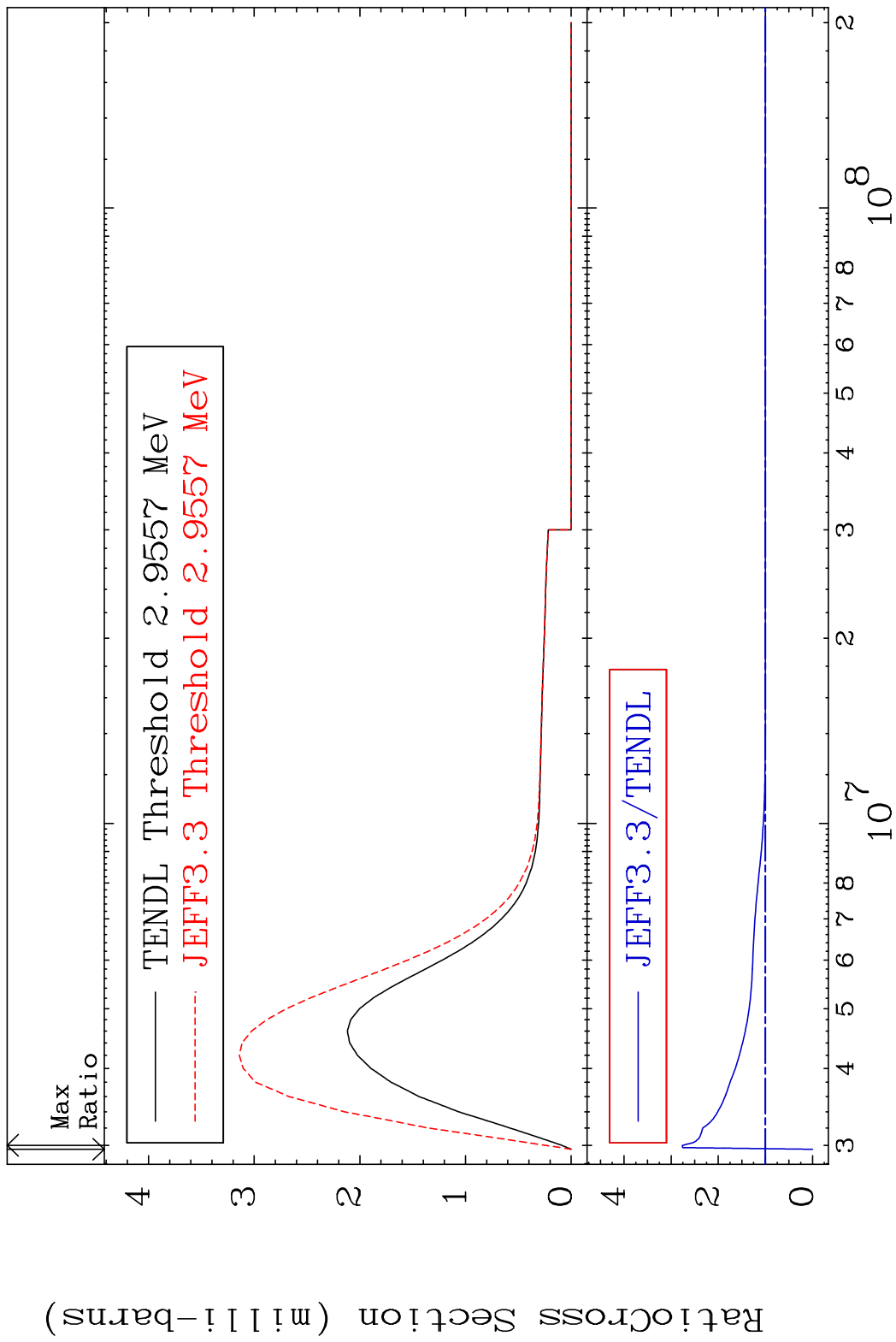


36 Incident Energy (eV) 36-Kr-82

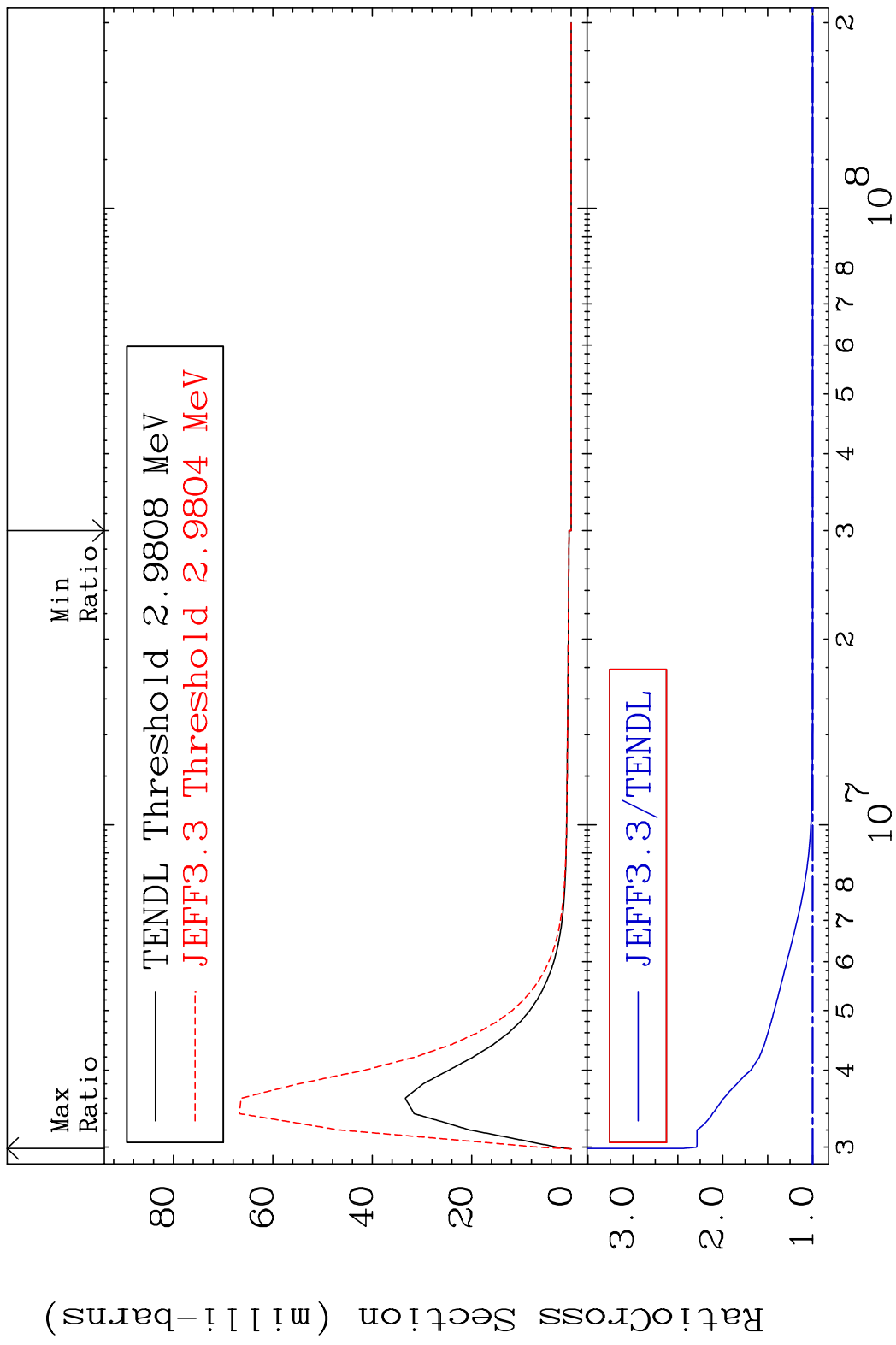
MAT 3637 MT= 70 (n,n') Level 36-Kr-82
 Cross Section 0.000 To 174.4 %



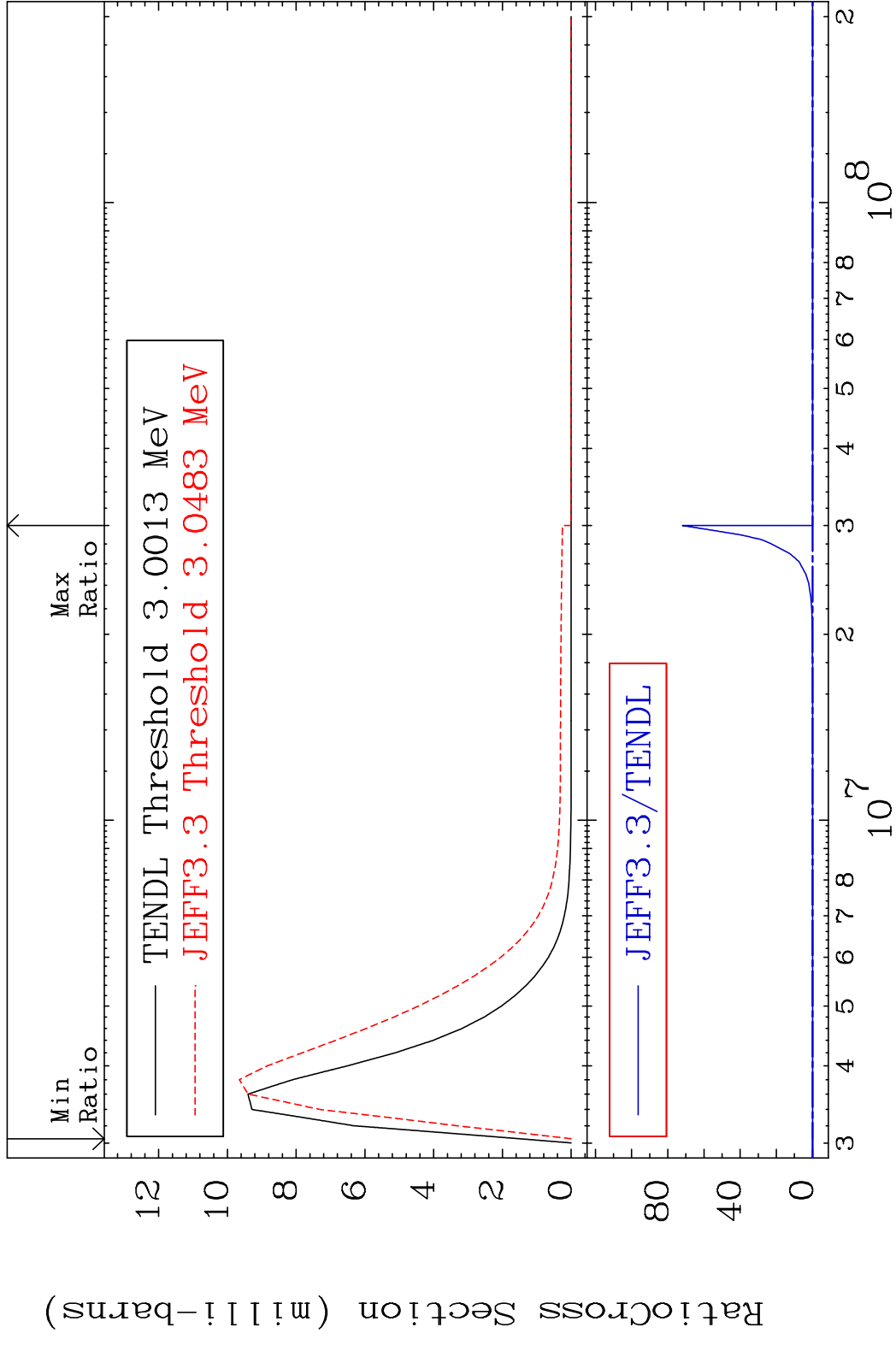
MAT 3637 MT= 71 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 176.3 %



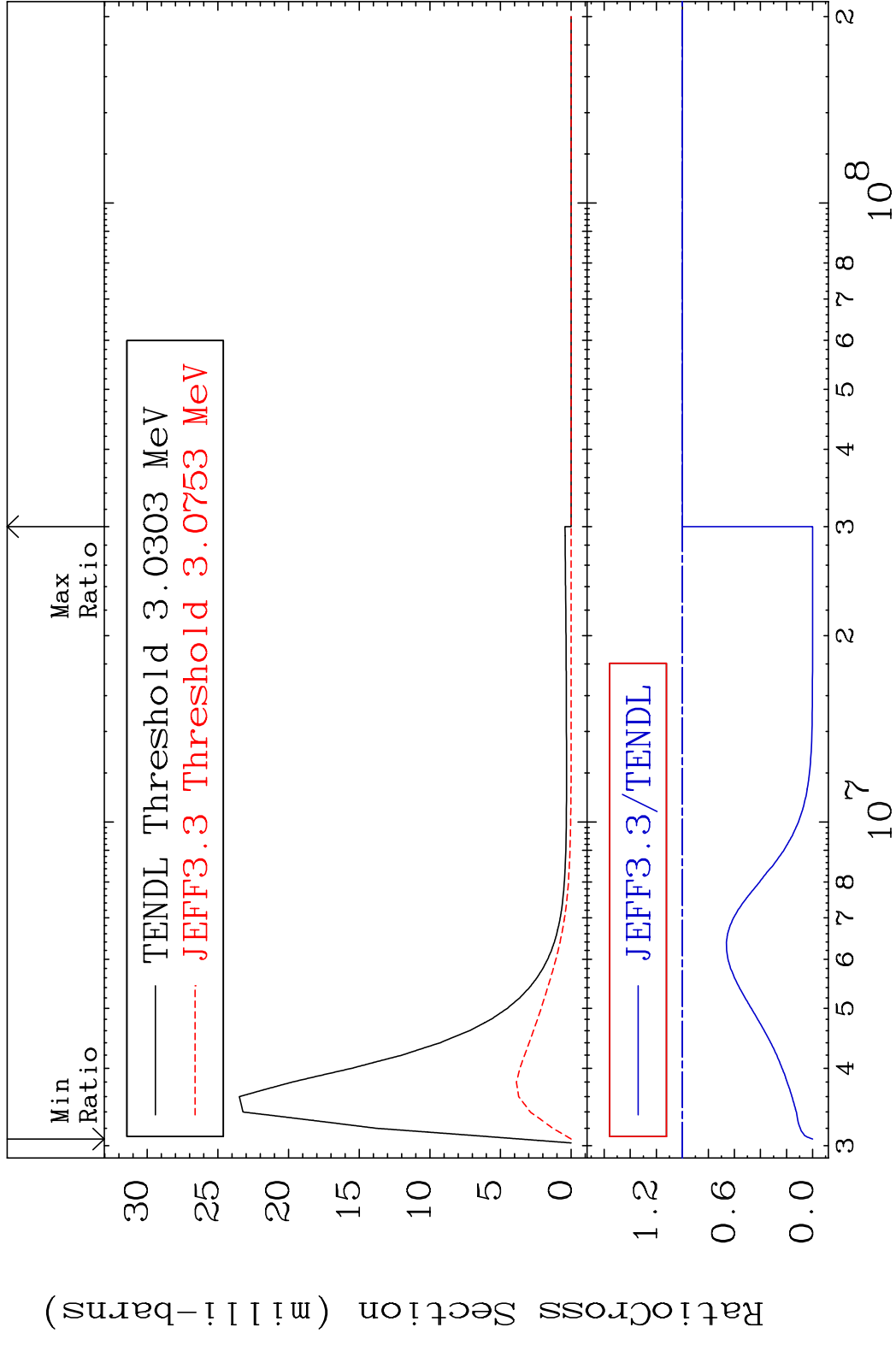
MAT 3637 MT= 72 (n, n') Level 36-Kr-82
 Cross Section 0.000 To 144.9 %



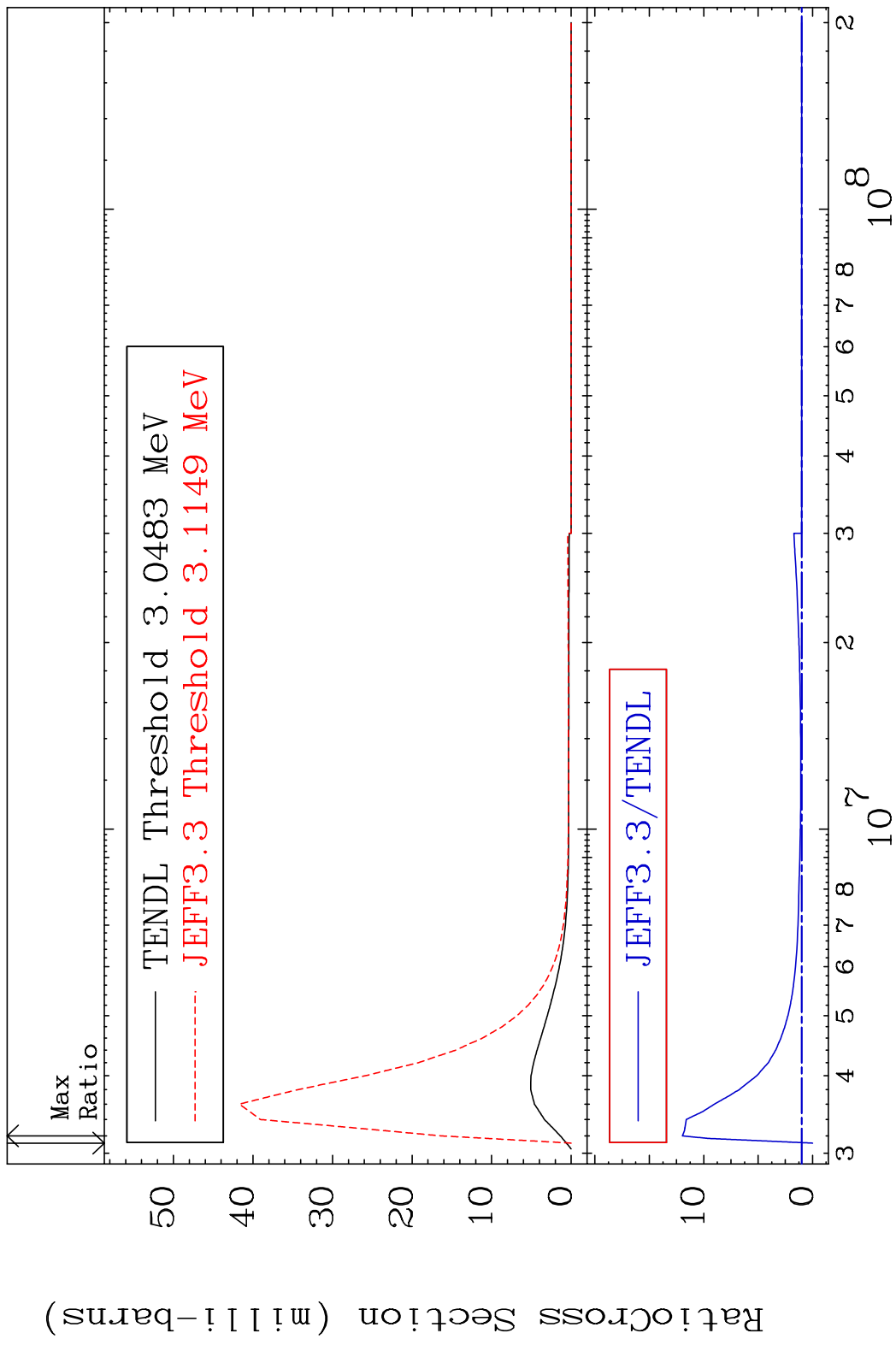
MAT 3637 MT= 73 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



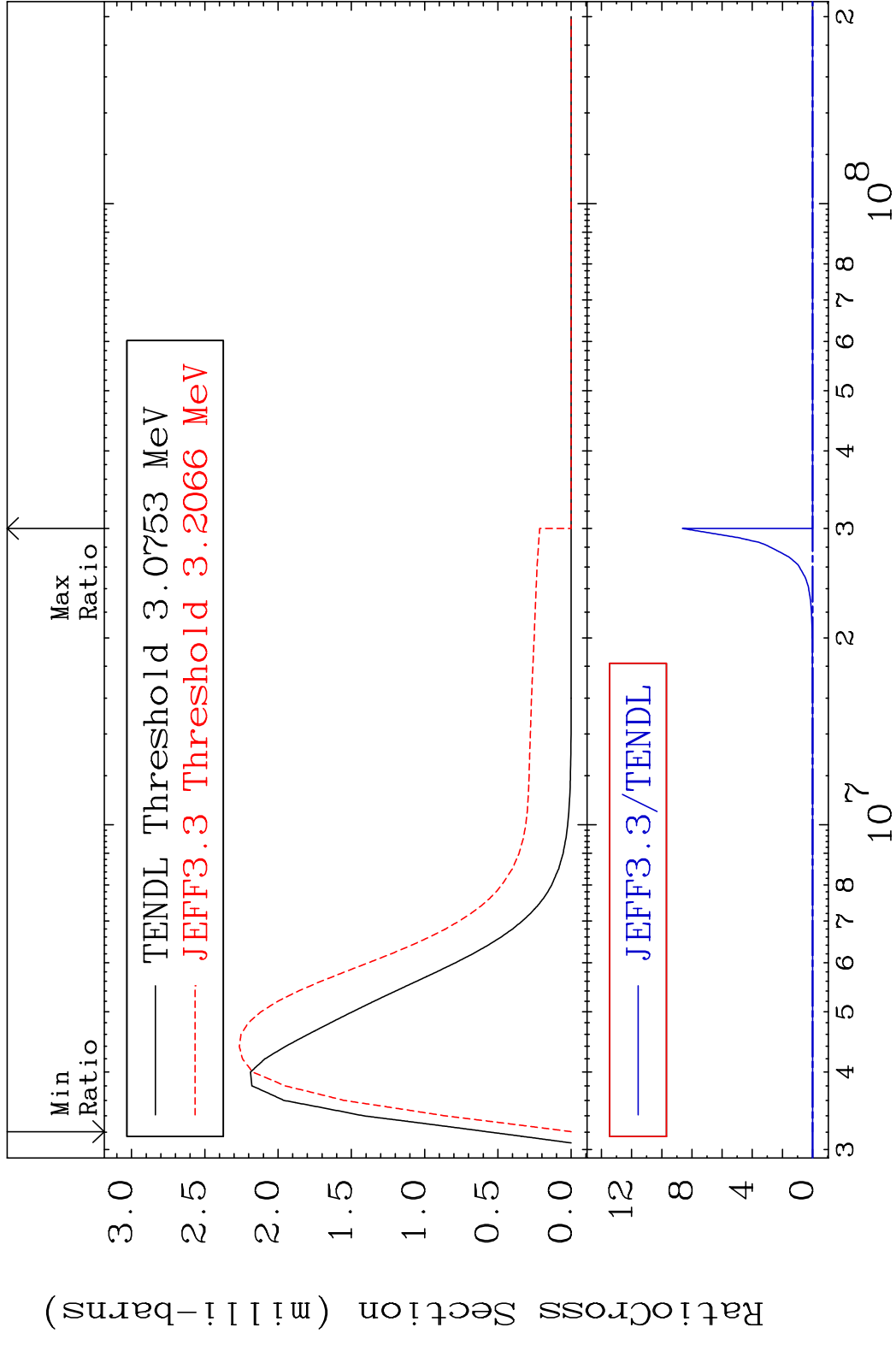
MAT 3637 MT= 74 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 0.000 %



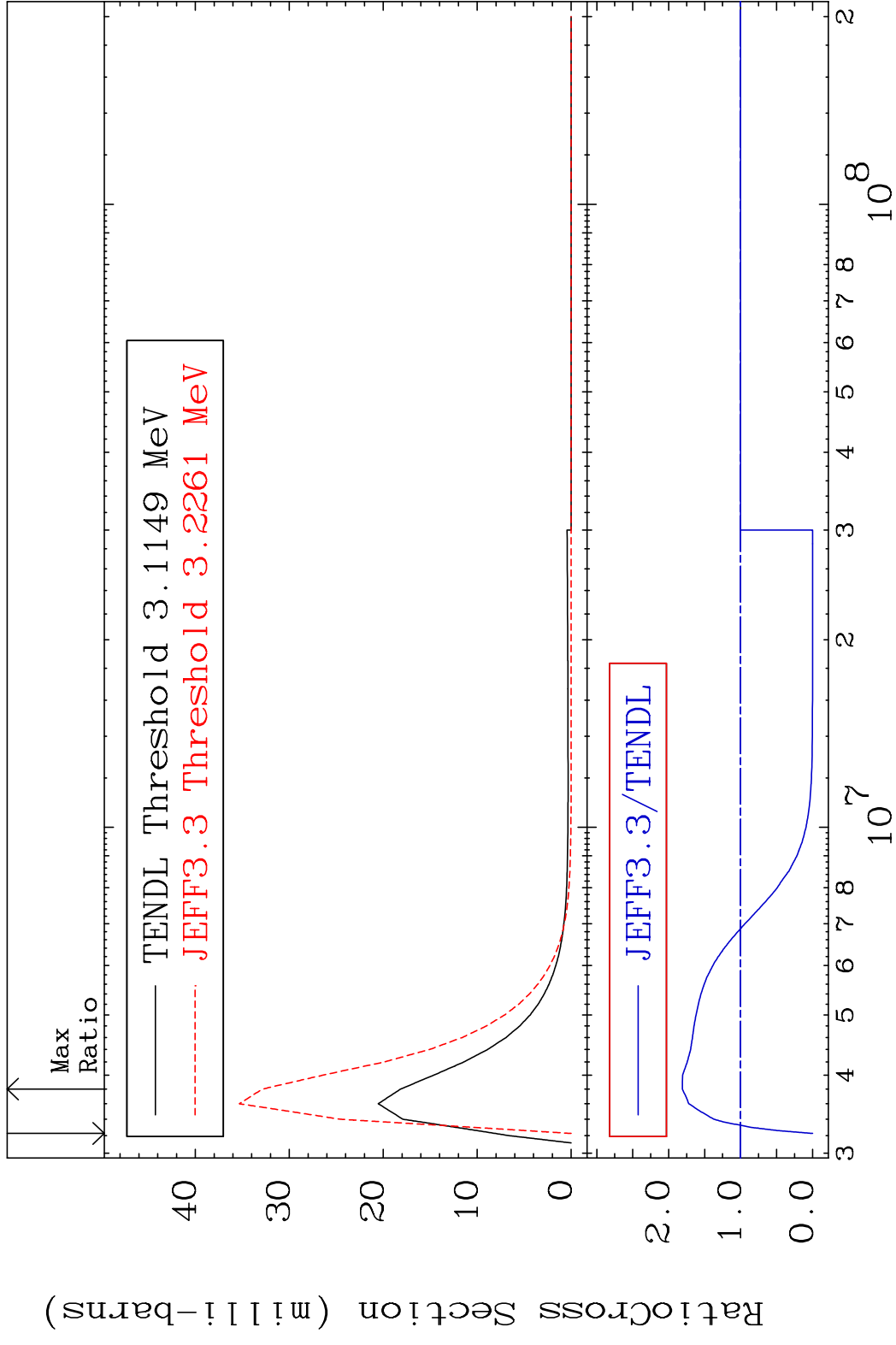
MAT 3637 MT= 75 (n,n') Level 36-Kr-82
 Cross Section -100.0 To 1096. %



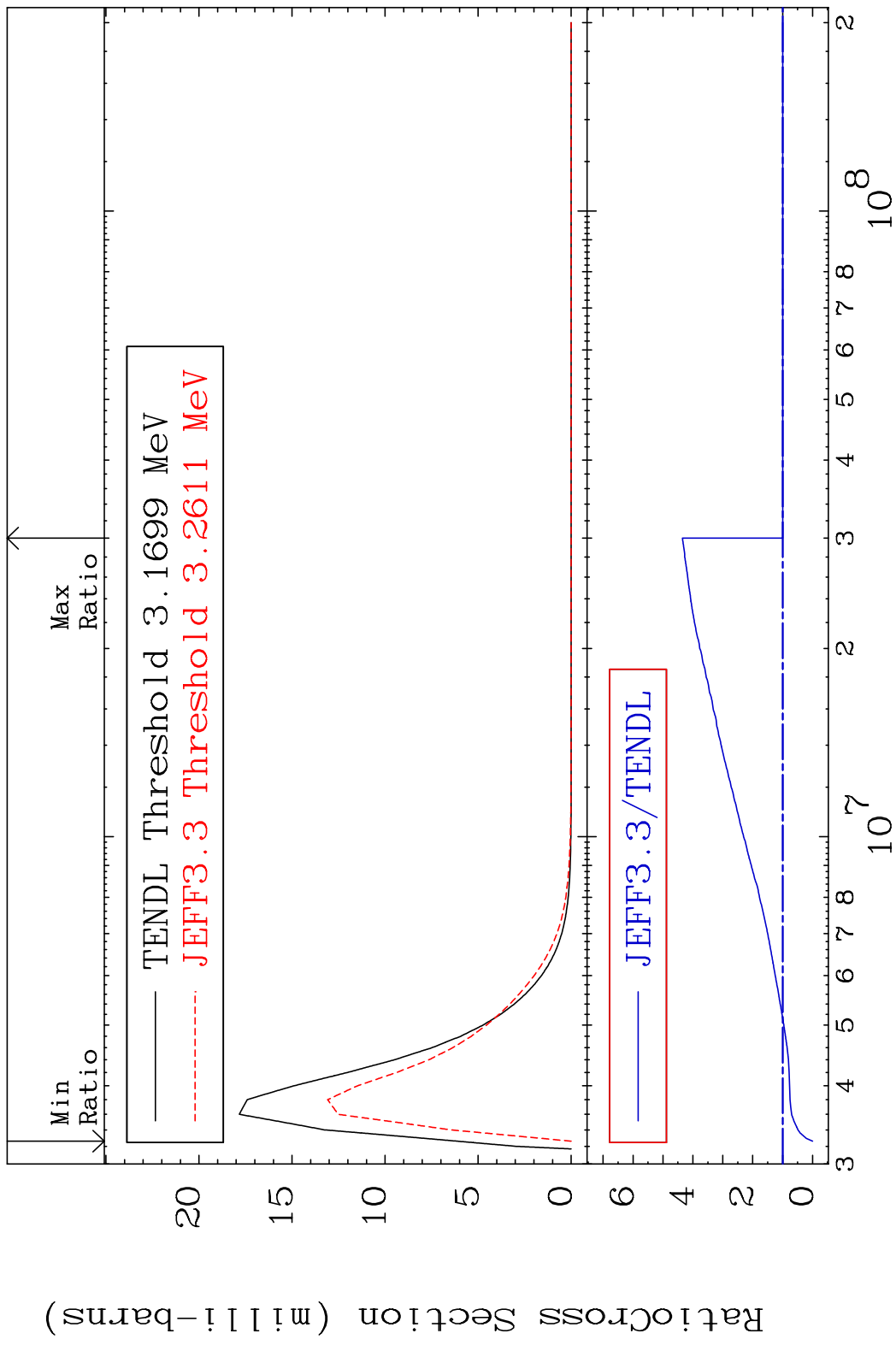
MAT 3637 MT= 76 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 9999. %



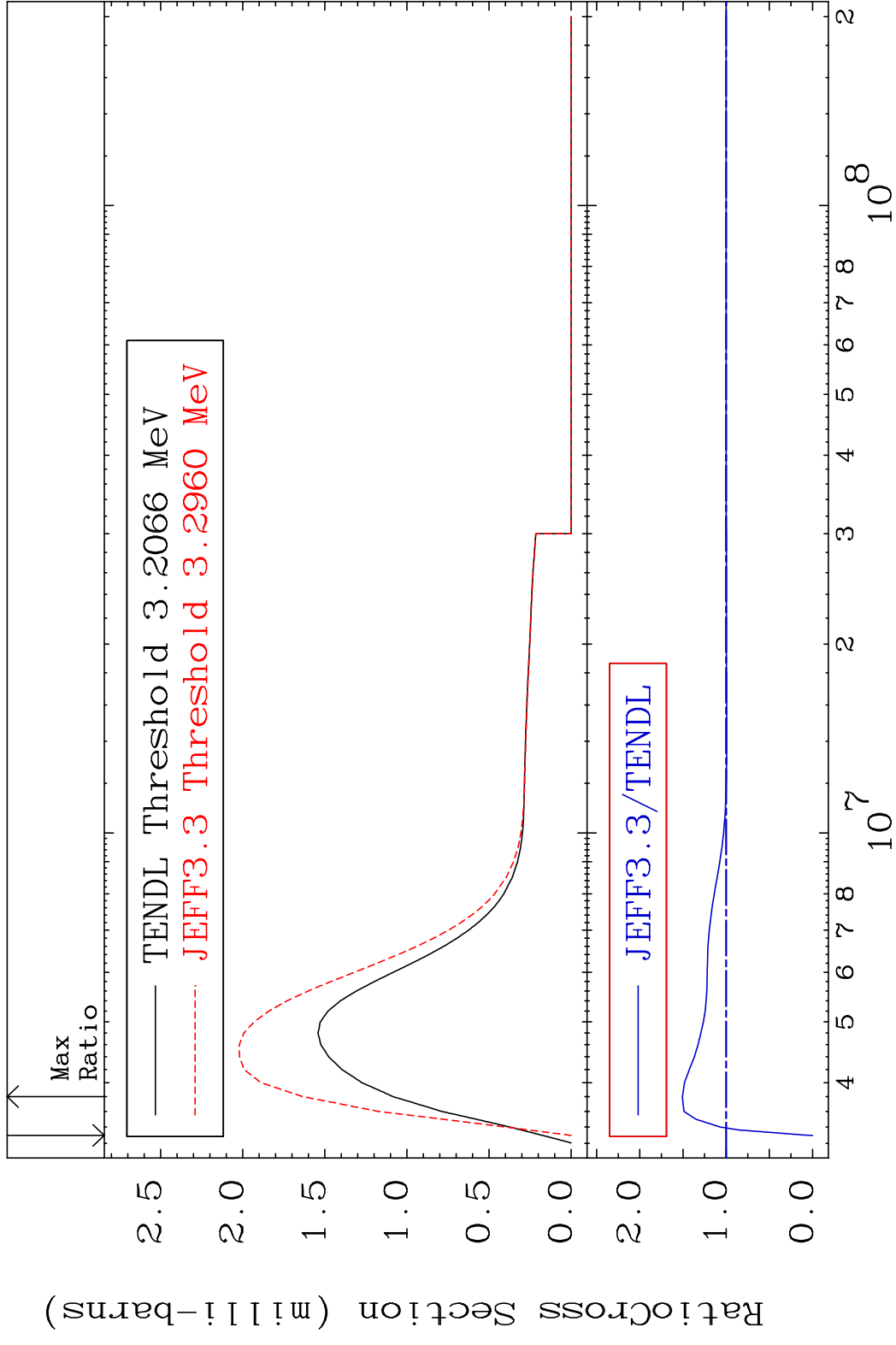
MAT 3637 MT= 77 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 81.00 %



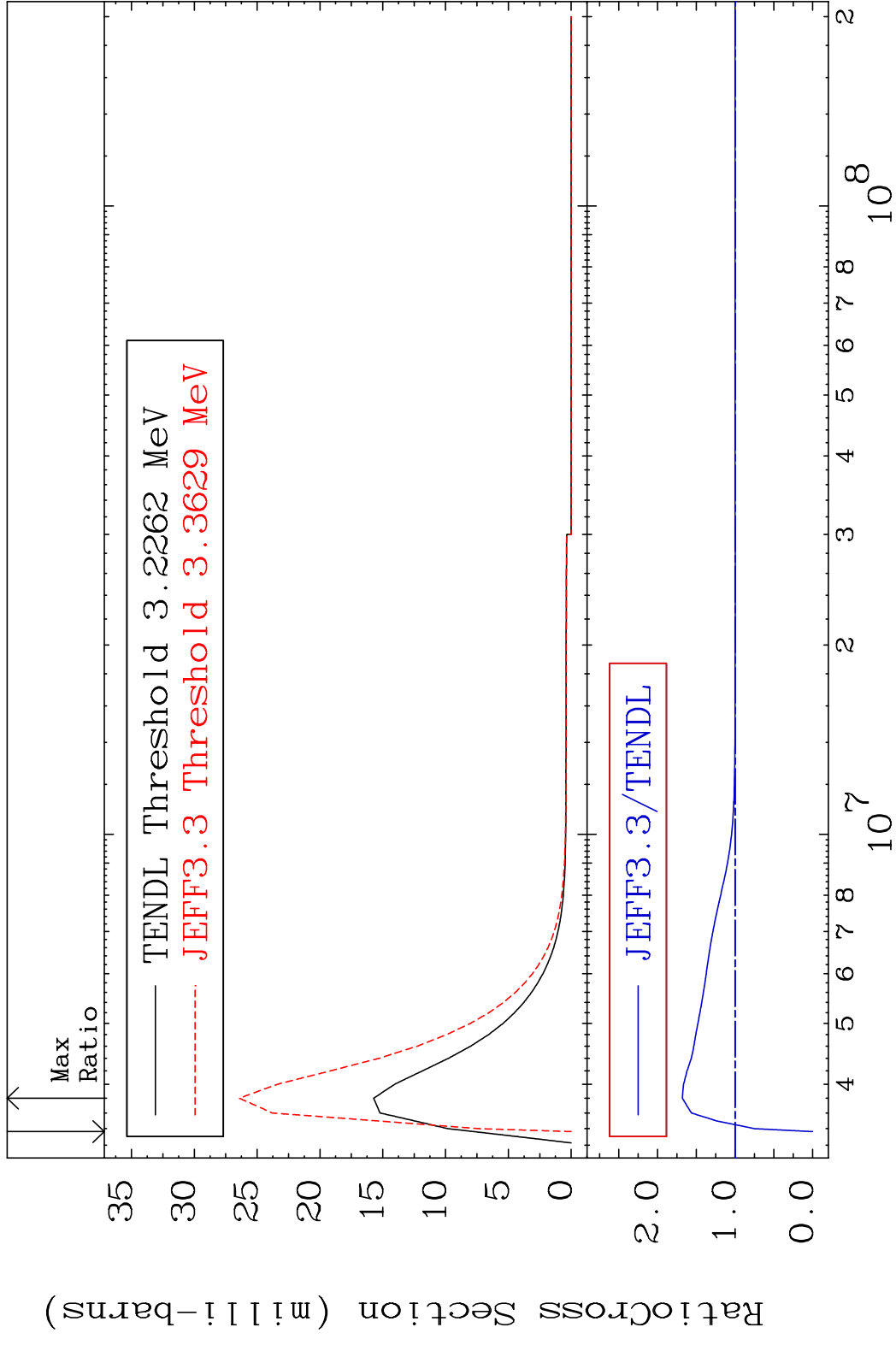
MAT 3637 MT= 78 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 335.1 %



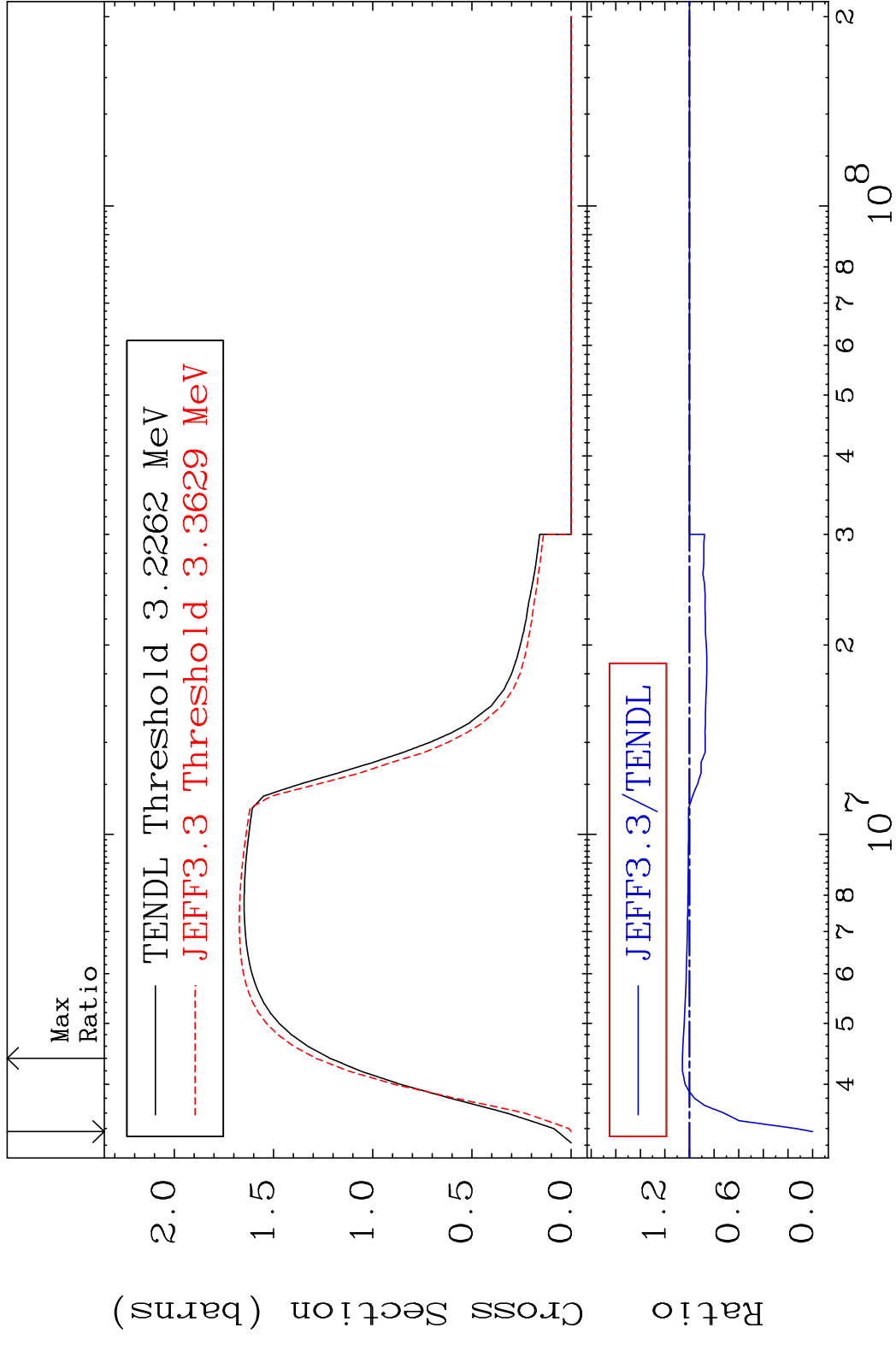
MAT 3637 MT= 79 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 50.74 %



MAT 3637 MT= 80 (n, n') Level 36-Kr-82
 Cross Section -100.0 To 68.05 %



MAT 3637 (n,n') Continuum 36-Kr-82
 Cross Section -100.0 To 5.836 %

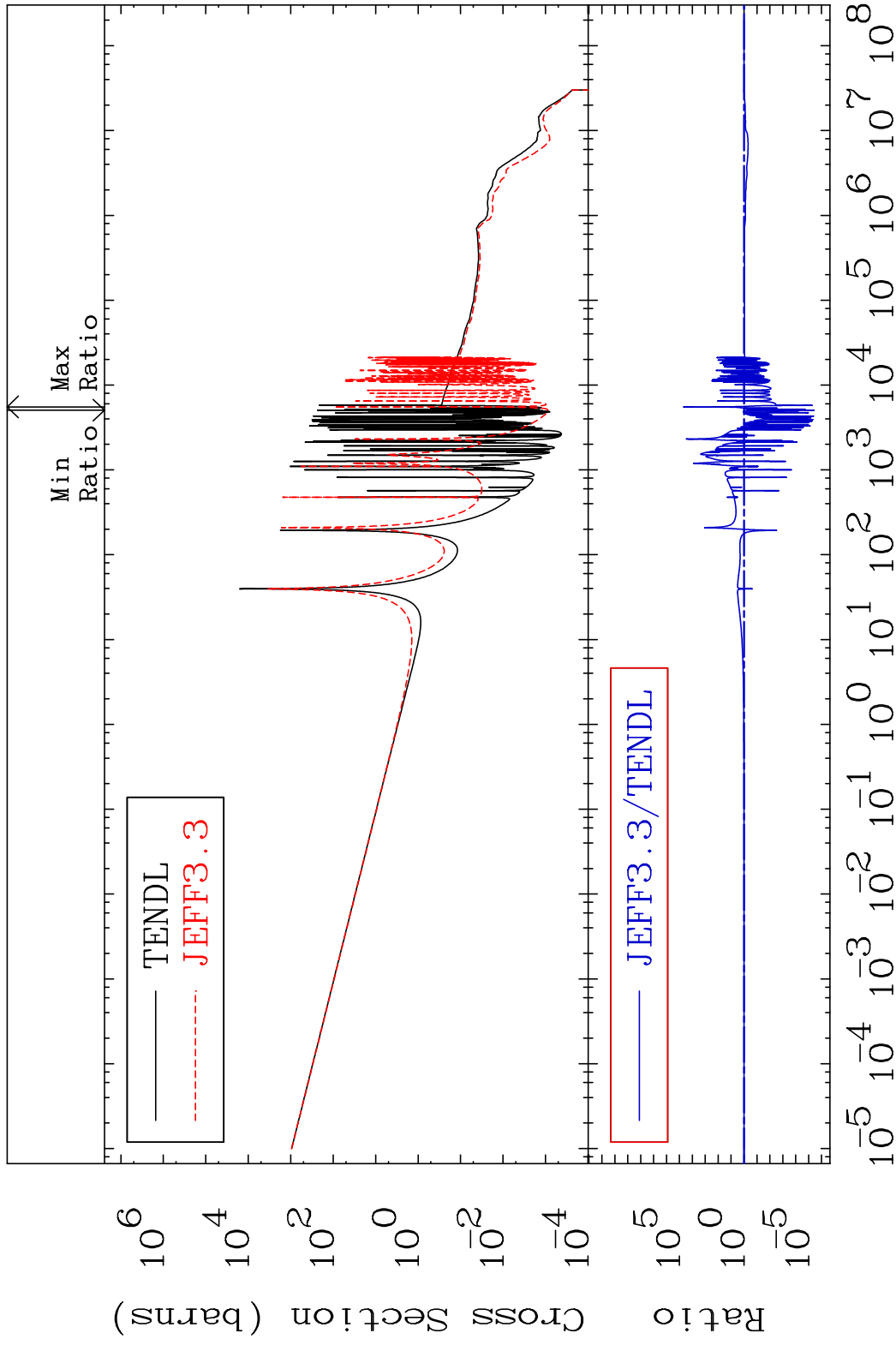


MAT 3637

(n, γ)

36-Kr-82

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

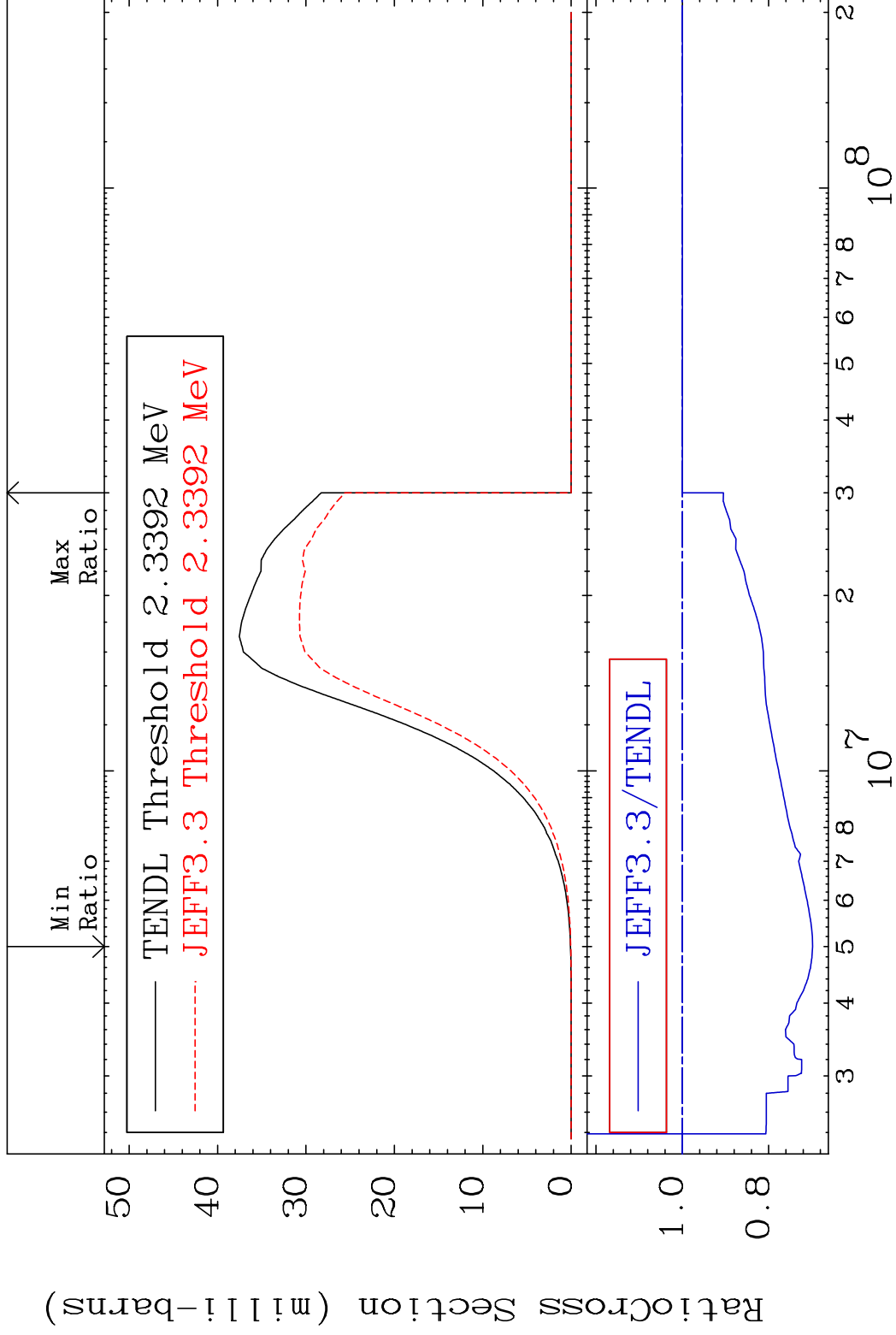
36-Kr-82

MAT 3637

(n, p)

³⁶Kr-82

Cross Section -30.17 To 0.000 %



50

Incident Energy (eV)

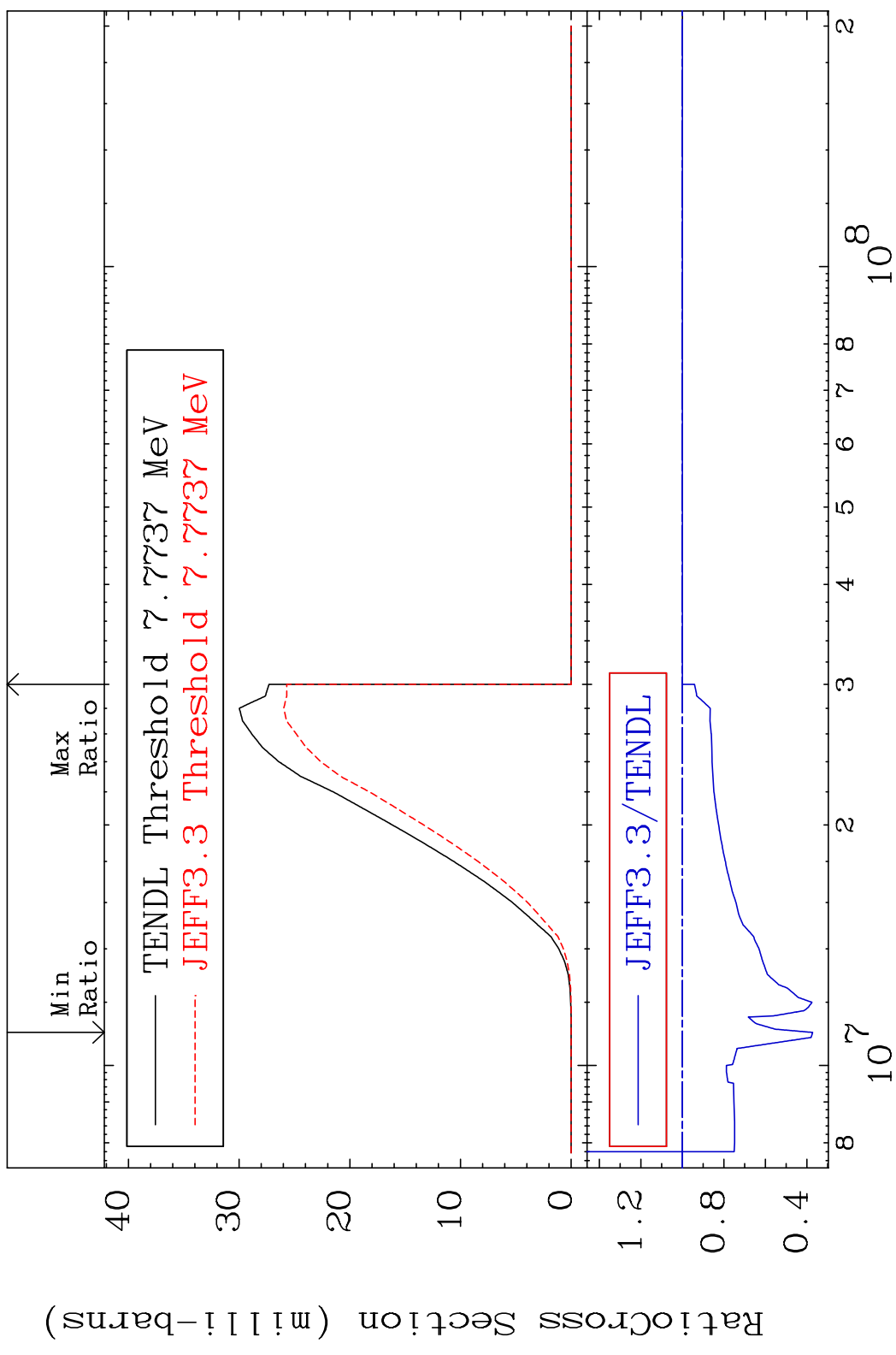
³⁶Kr-82

MAT 3637

(n, d)

36-Kr-82

Cross Section -62.75 To 0.000 %

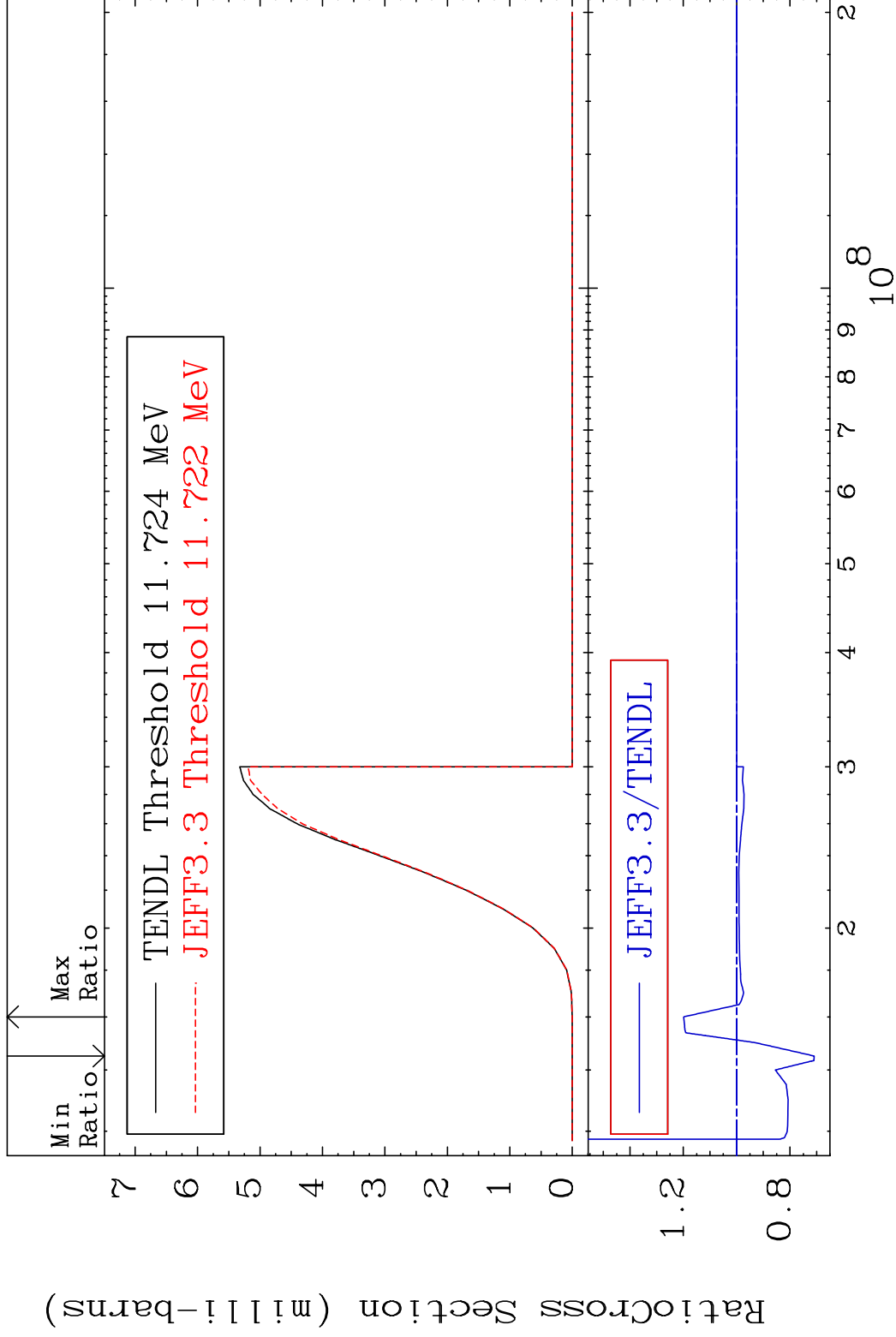


MAT 3637

(n, t)

36-Kr-82

Cross Section -29.05 To 19.88 %



52

Incident Energy (eV)

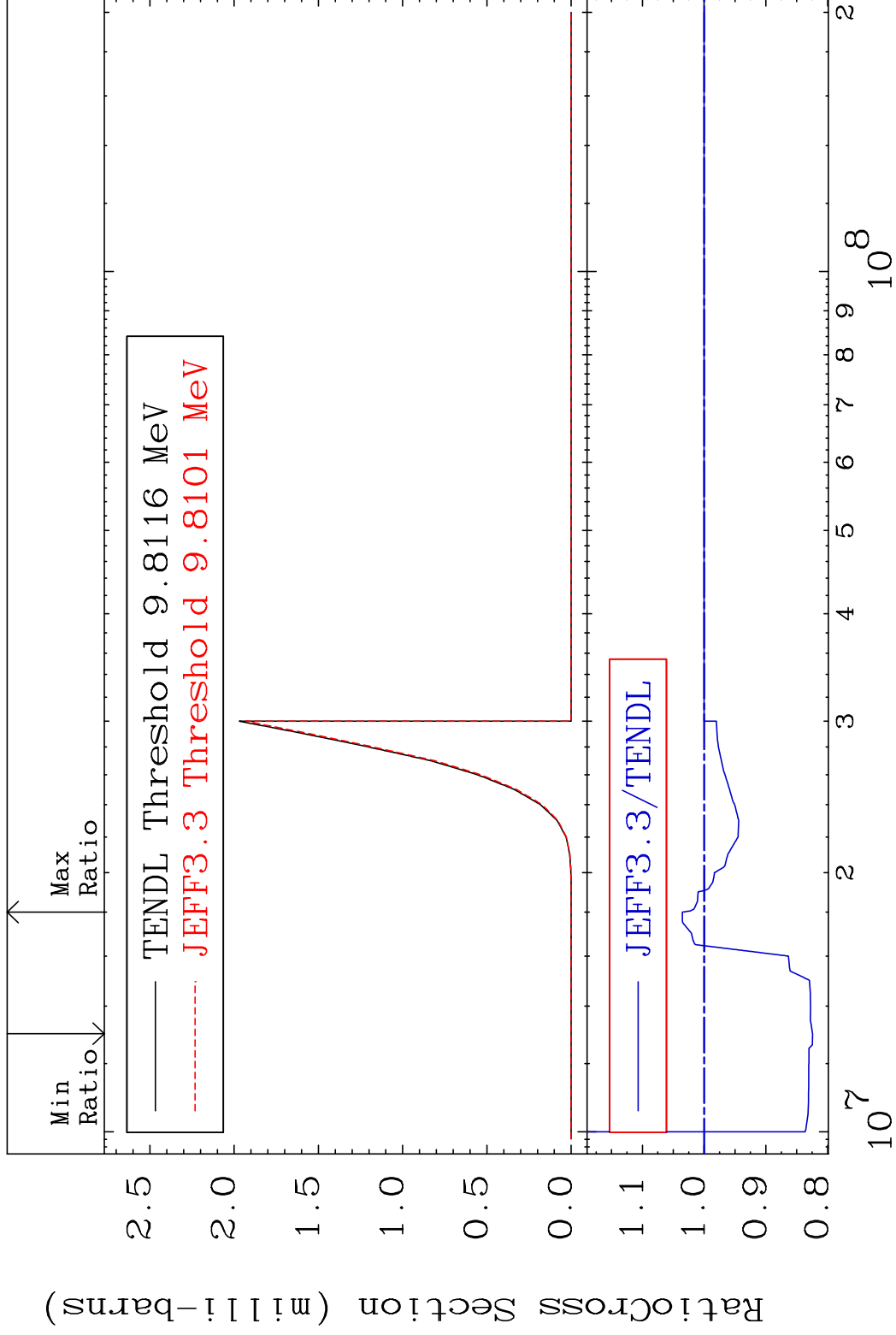
36-Kr-82

MAT 3637

(n, He-3)

36-Kr-82

Cross Section -17.57 To 3.528 %



53

Incident Energy (eV)

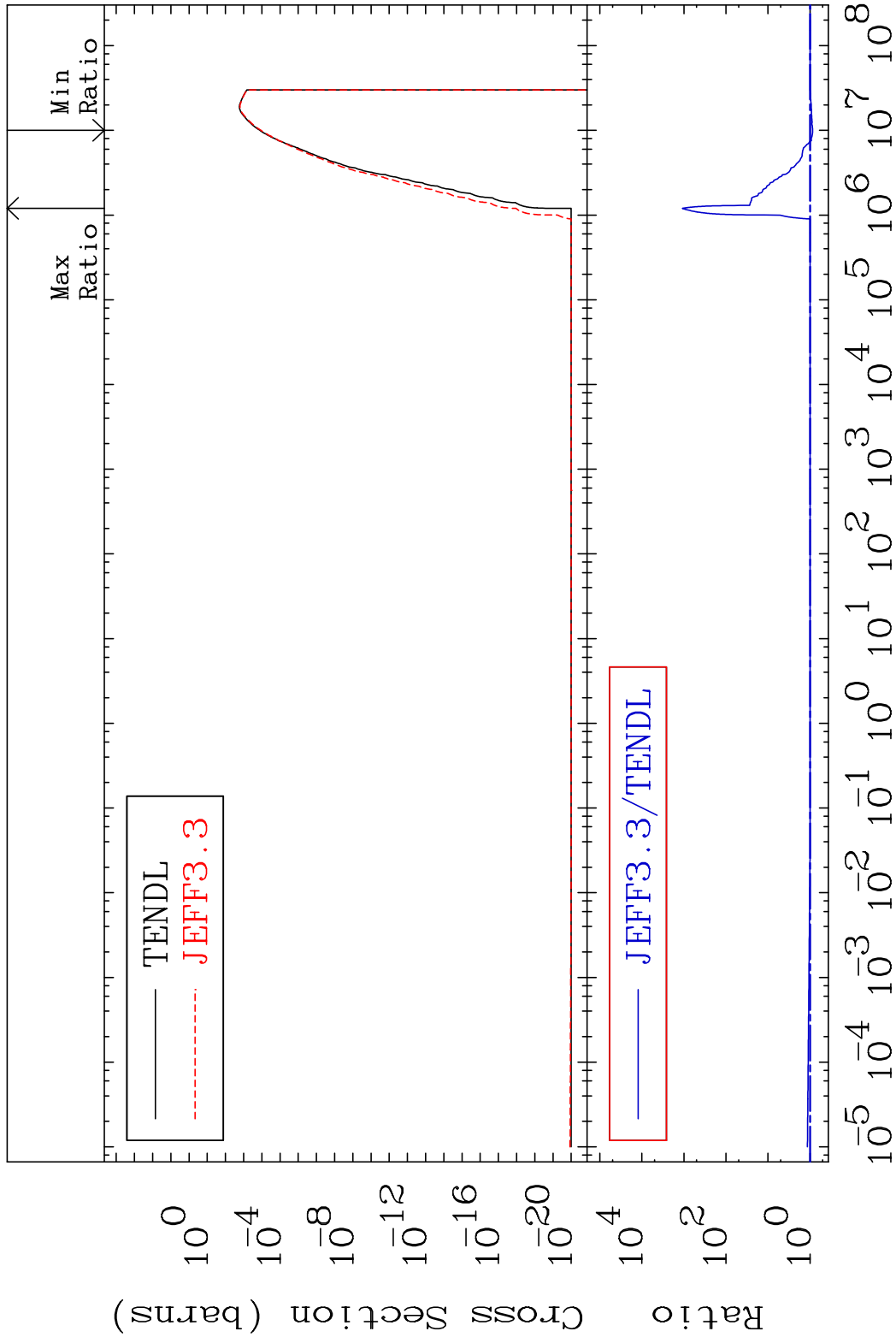
36-Kr-82

MAT 3637

(n, α)

36-Kr-82

Cross Section -12.99 To 9999. %



54

Incident Energy (eV)

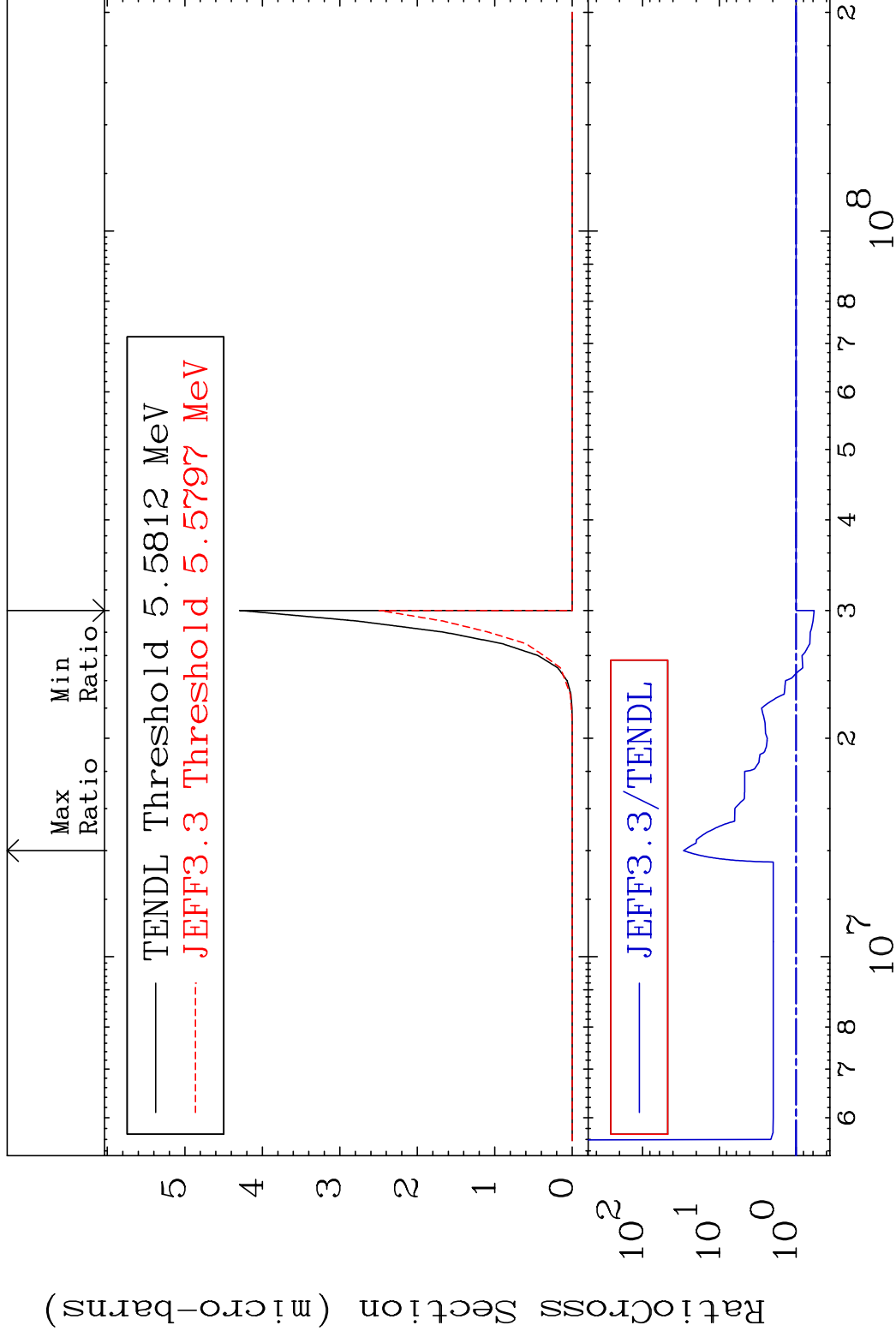
36-Kr-82

MAT 3637

(n,2α)

36-Kr-82

Cross Section -41.91 To 2810. %



55

Incident Energy (eV)

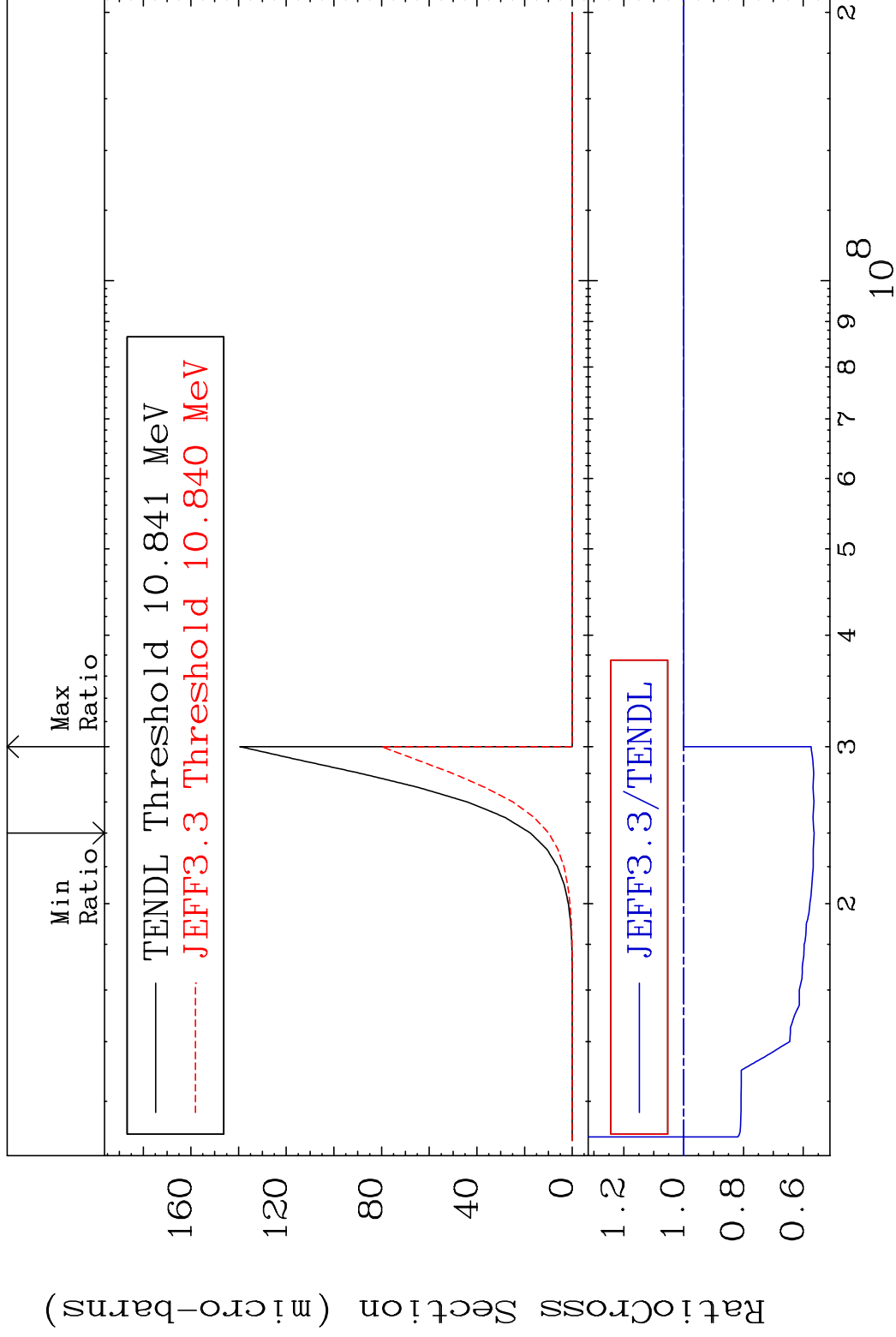
36-Kr-82

MAT 3637

(n,2p)

36-Kr-82

Cross Section -43.62 To 0.000 %



56

Incident Energy (eV)

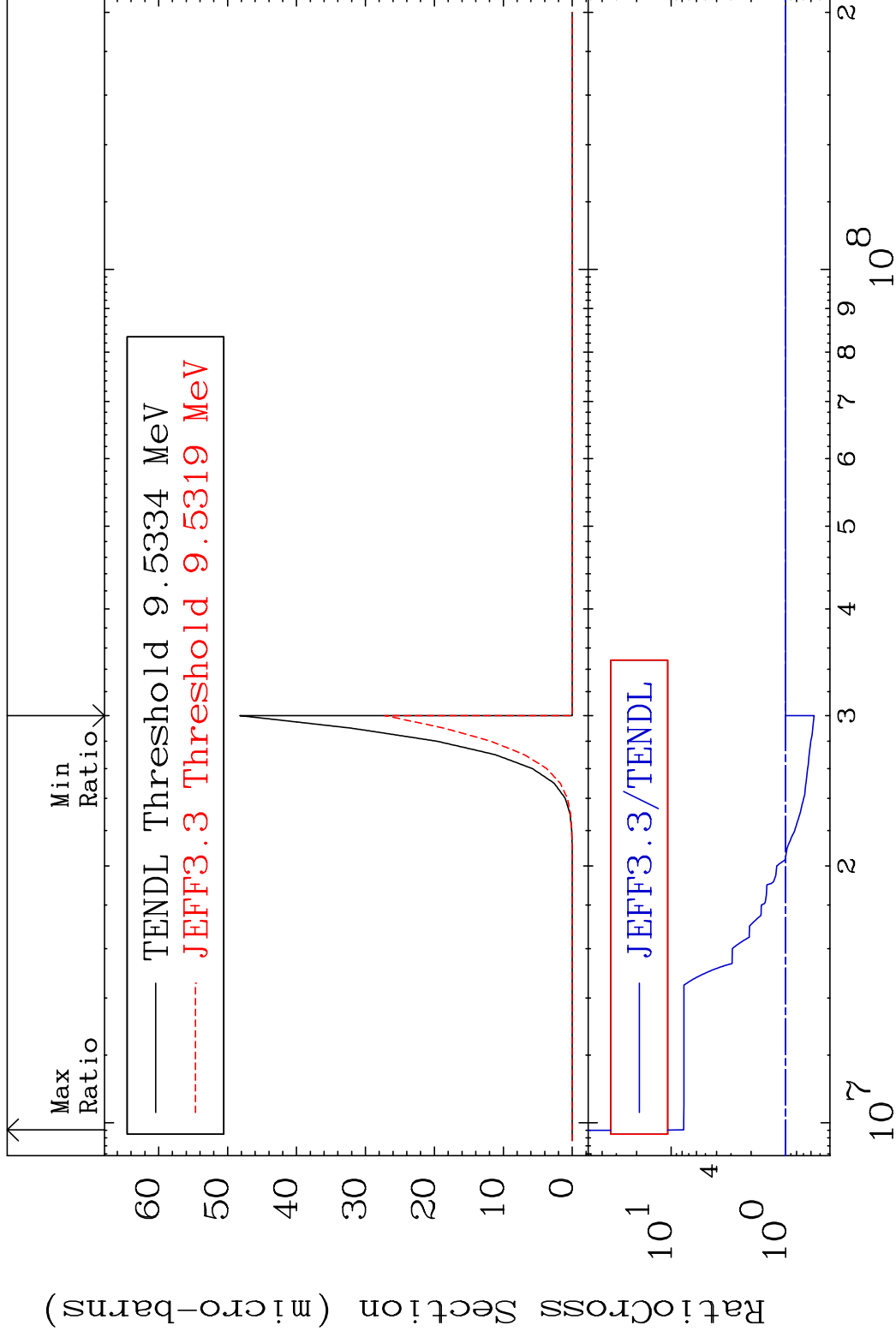
36-Kr-82

MAT 3637

(n,p) α

36-Kr-82

Cross Section -43.65 To 675.8 %



57

Incident Energy (eV)

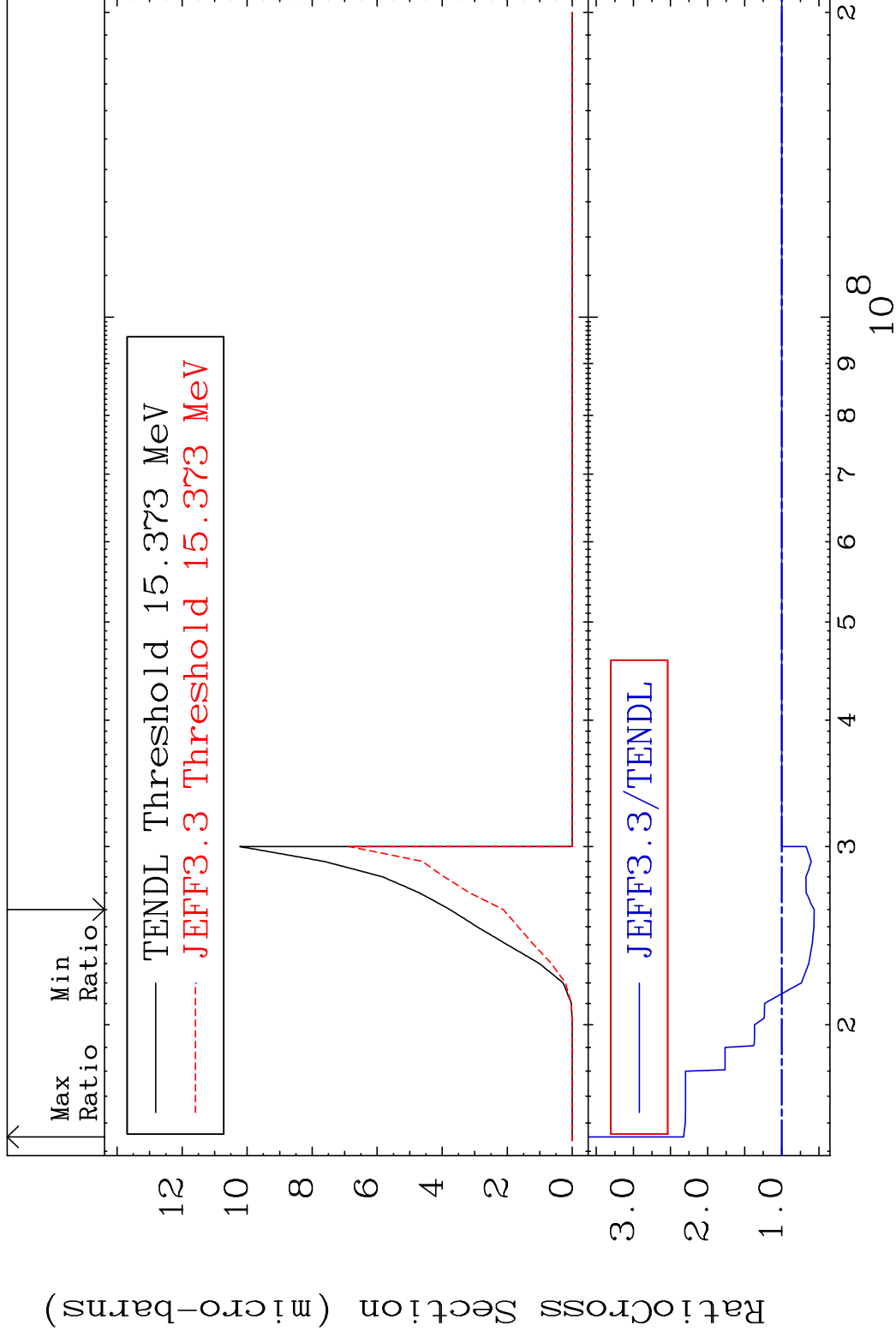
36-Kr-82

MAT 3637

(n,p) d

36-Kr-82

Cross Section -43.53 To 132.2 %



58

Incident Energy (eV)

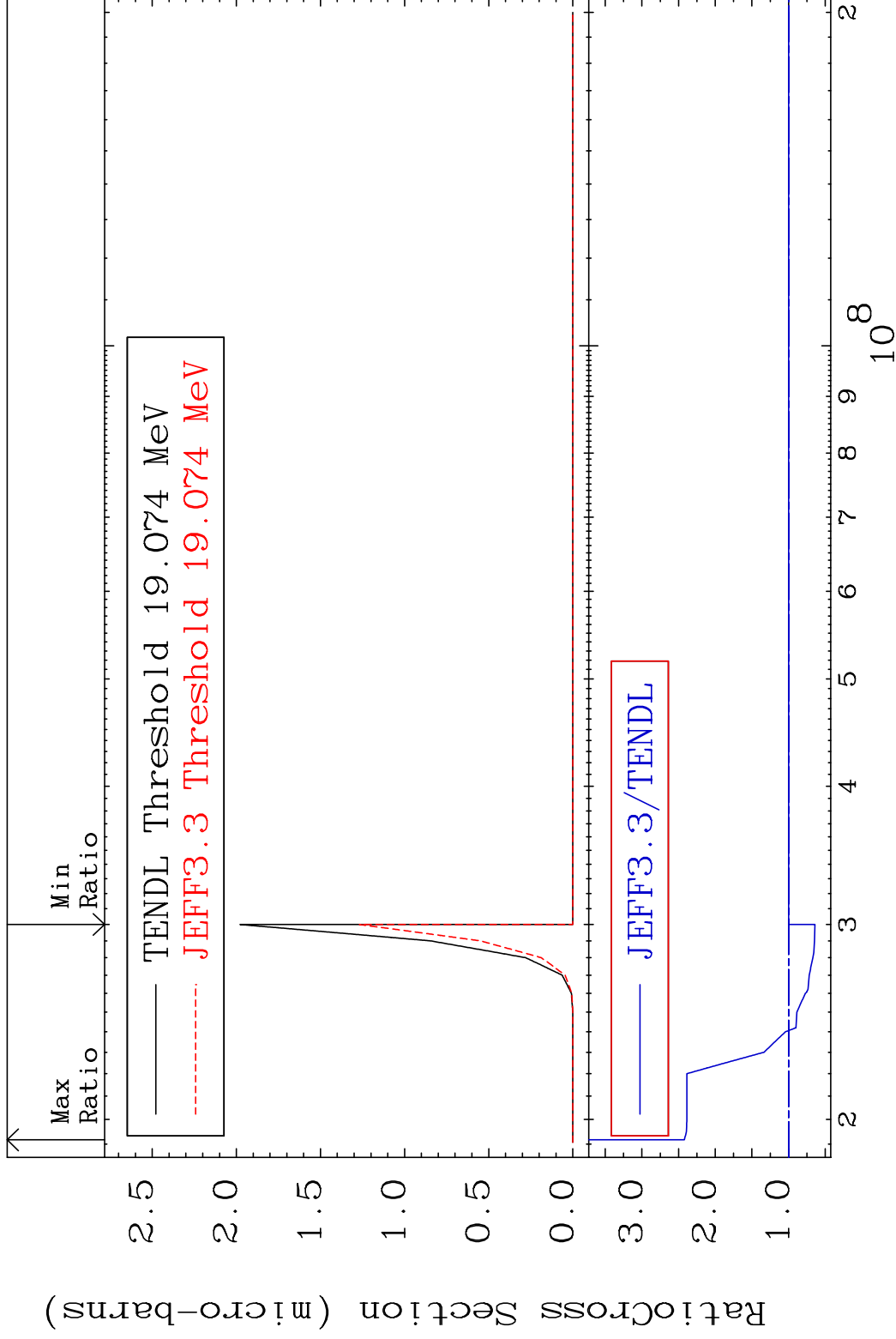
36-Kr-82

MAT 3637

(n,p) t

36-Kr-82

Cross Section -35.86 To 142.2 %



59

Incident Energy (eV)

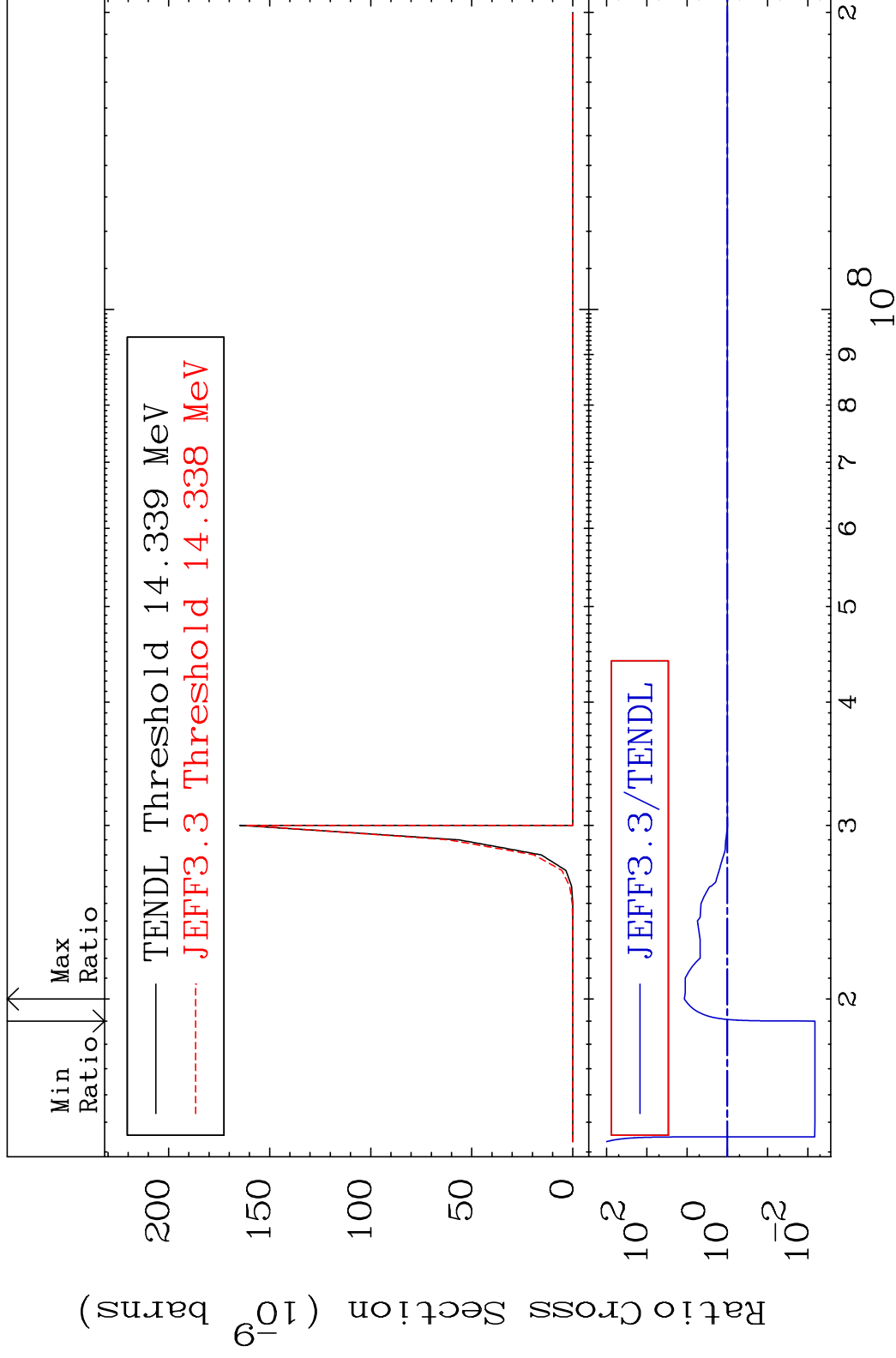
36-Kr-82

MAT 3637

(n,d) α

36-Kr-82

Cross Section -99.33 To 1072. %



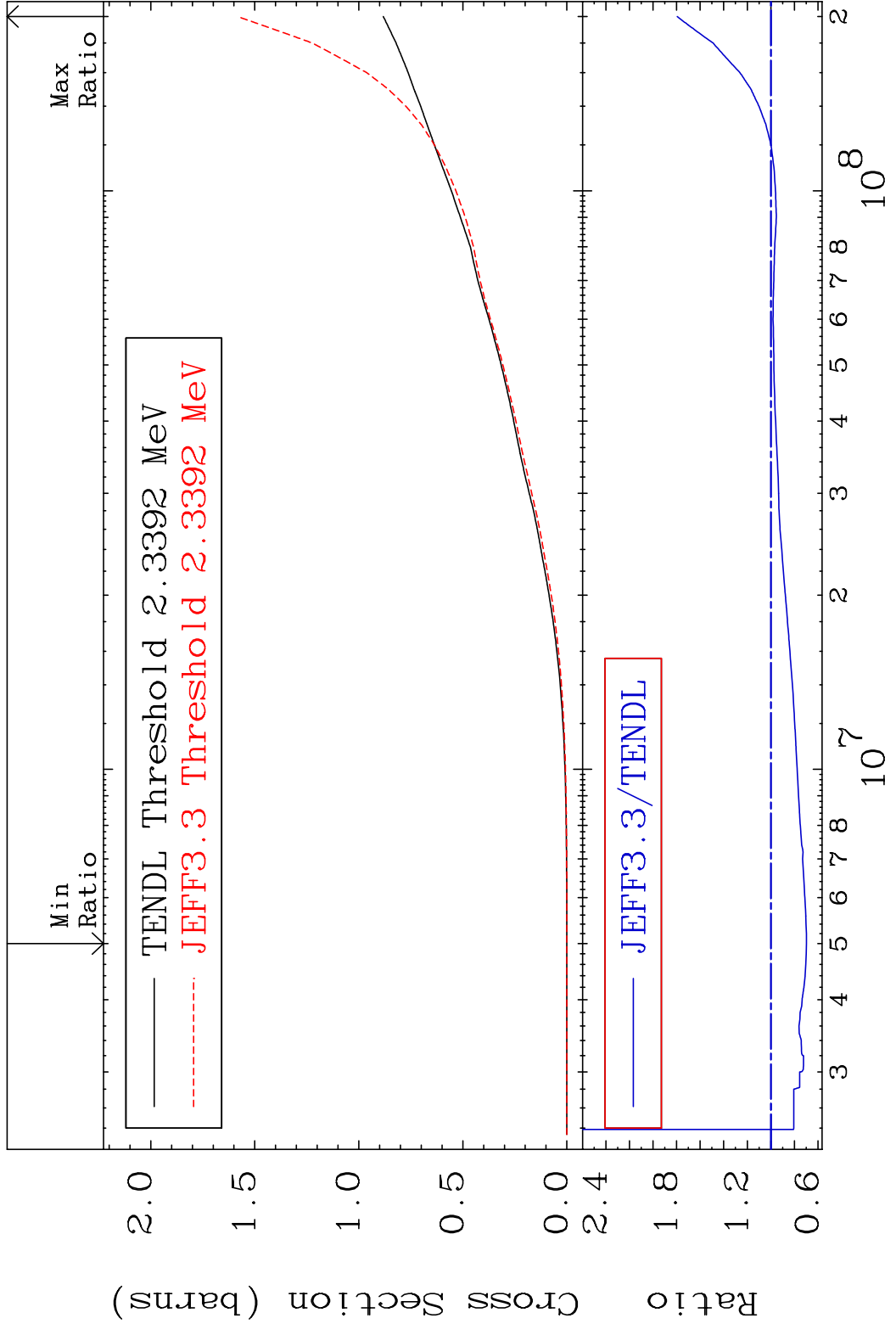
60

Incident Energy (eV)

36-Kr-82

MAT 3637

Hydrogen Production 36-Kr-82
Cross Section -30.17 To 79.48 %



61

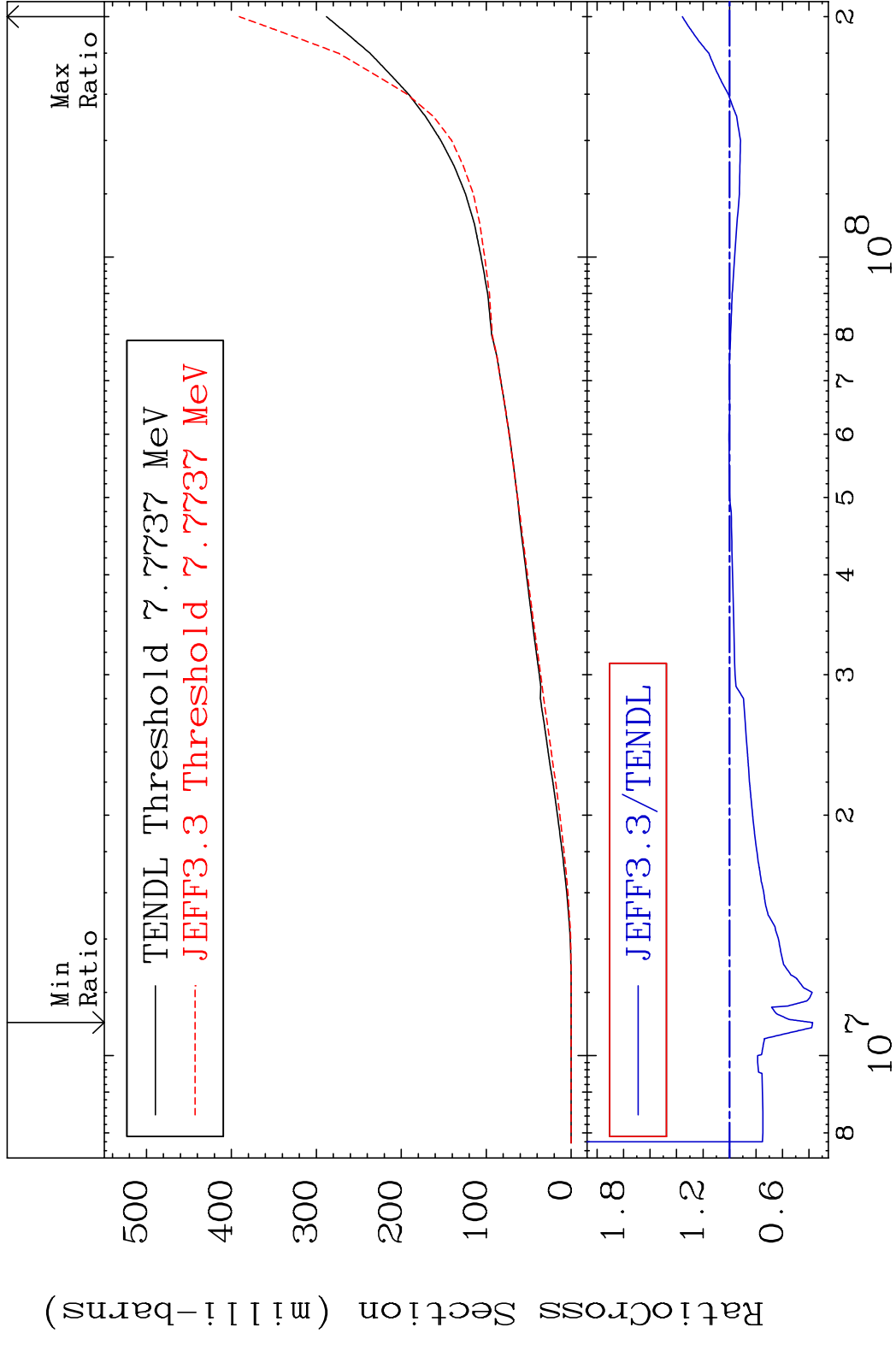
Incident Energy (eV) 36-Kr-82

MAT 3637

Deuterium Production

³⁶Kr-82

Cross Section -62.75 To 35.63 %



62

Incident Energy (eV)

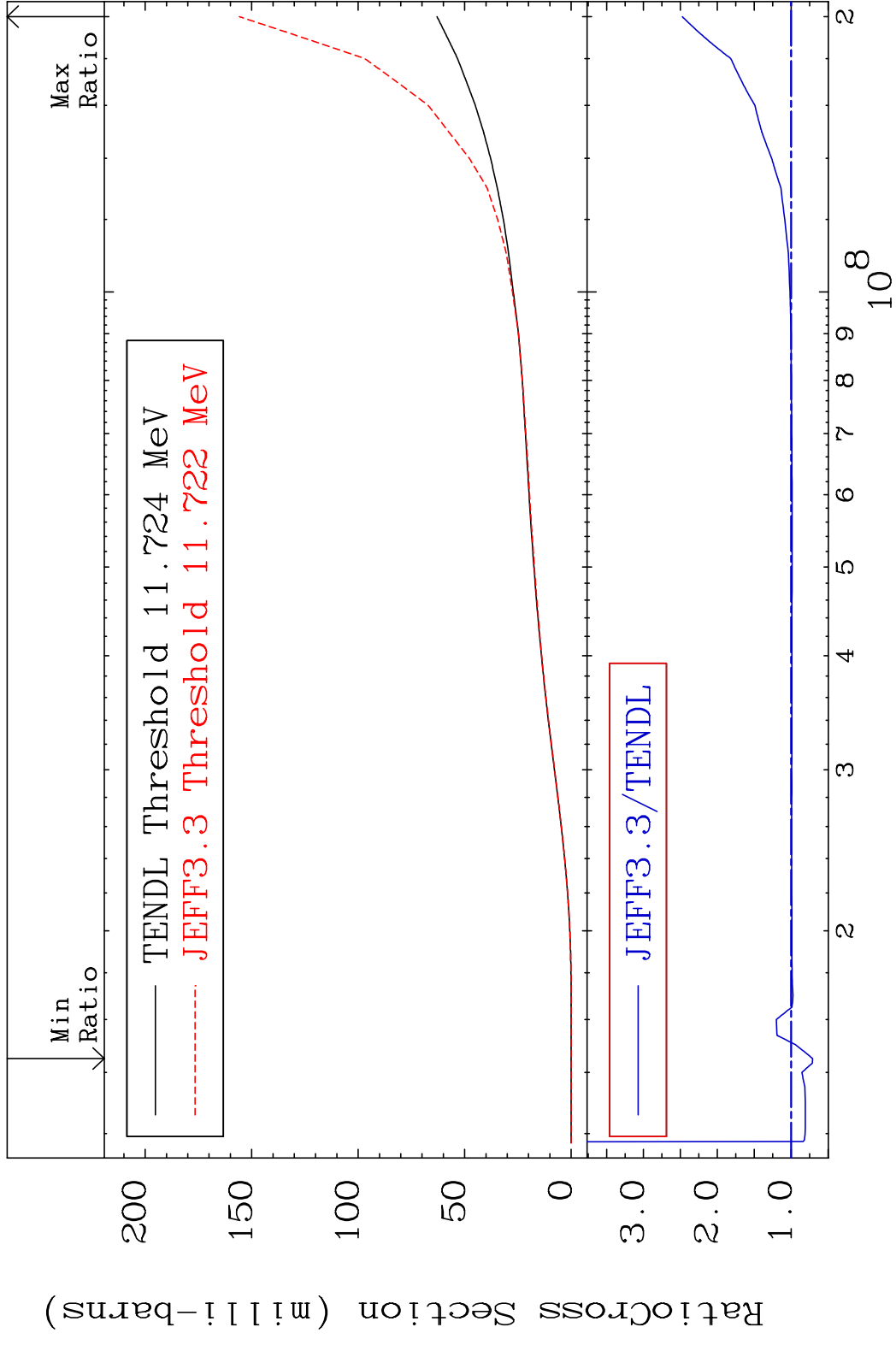
³⁶Kr-82

MAT 3637

Tritium Production

36-Kr-82

Cross Section -29.05 To 147.4 %



63

Incident Energy (eV)

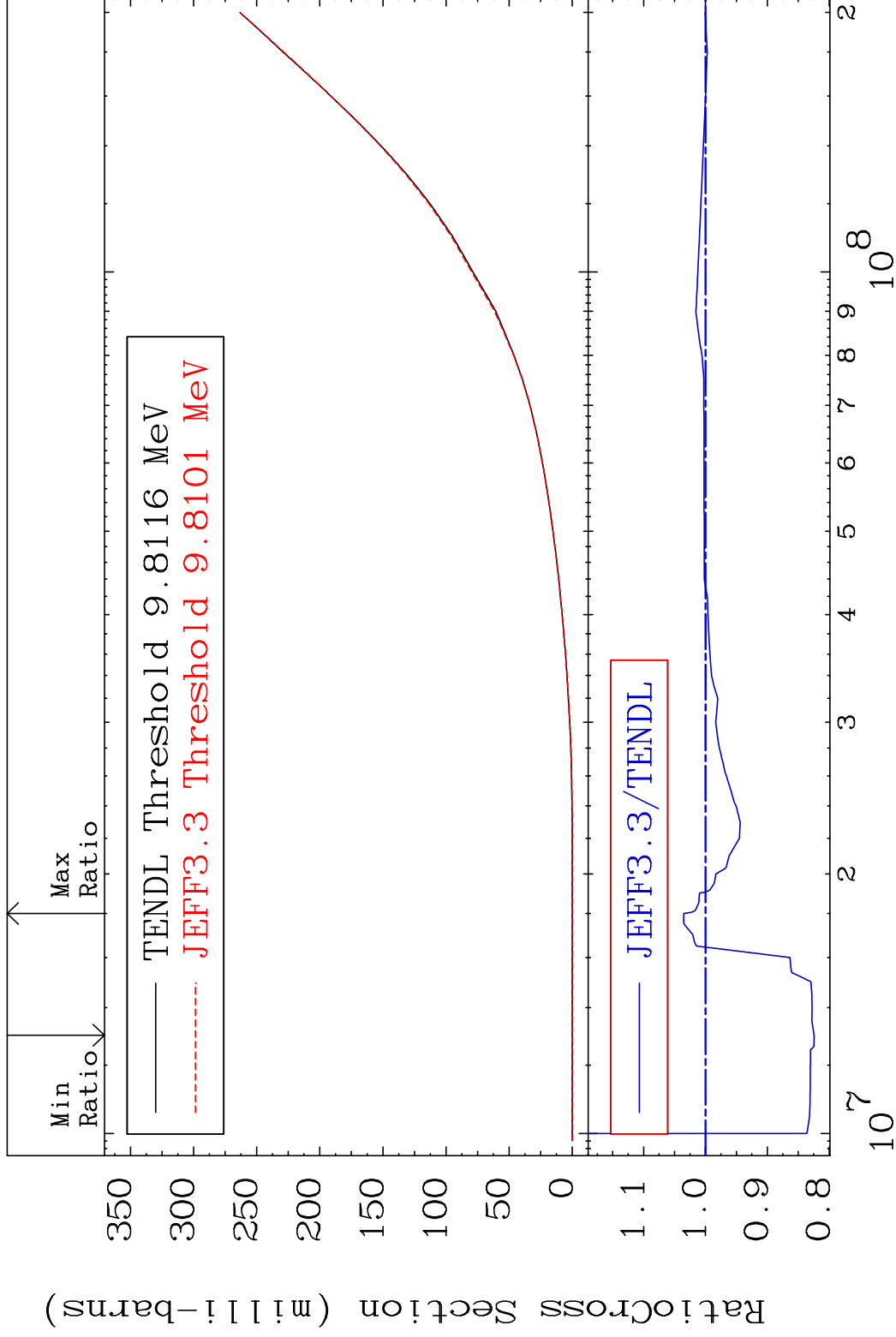
36-Kr-82

MAT 3637

He-3 Production

36-Kr-82

Cross Section -17.57 To 3.528 %



64

Incident Energy (eV)

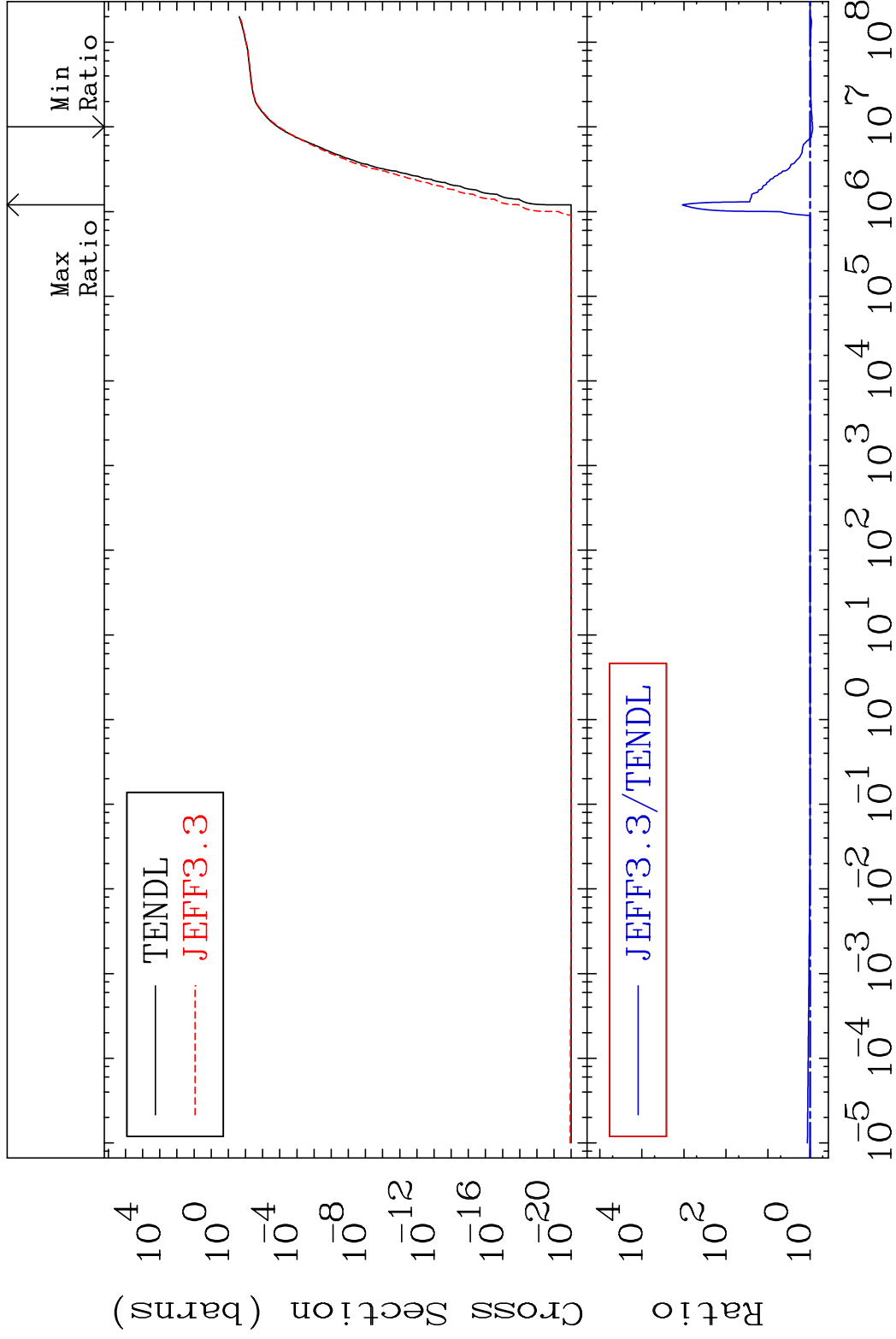
36-Kr-82

MAT 3637

He-4 Production

36-Kr-82

Cross Section -12.99 To 9999. %



65

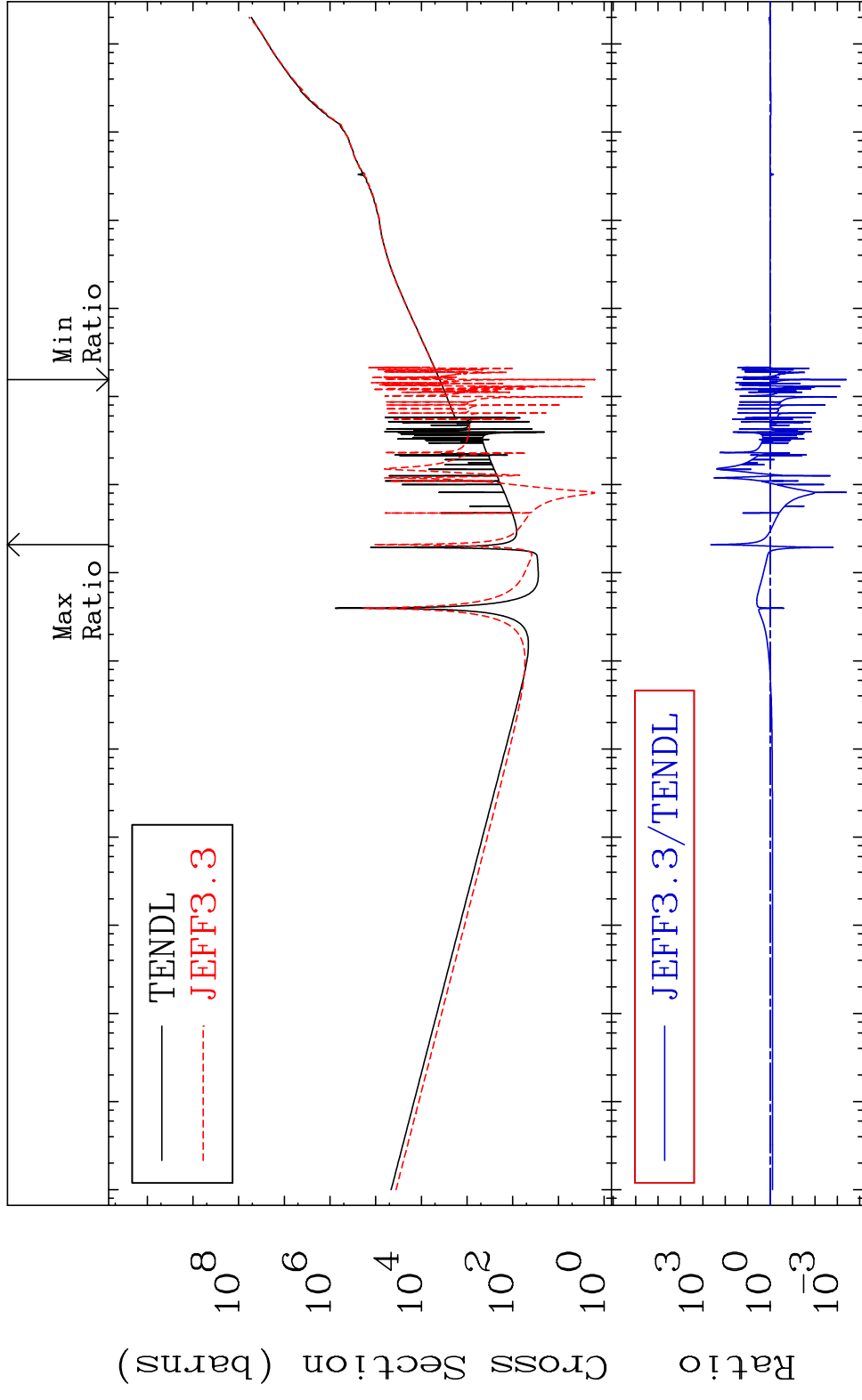
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma total (eV-barns) 36-Kr-82

Cross Section -99.96 To 9999. %

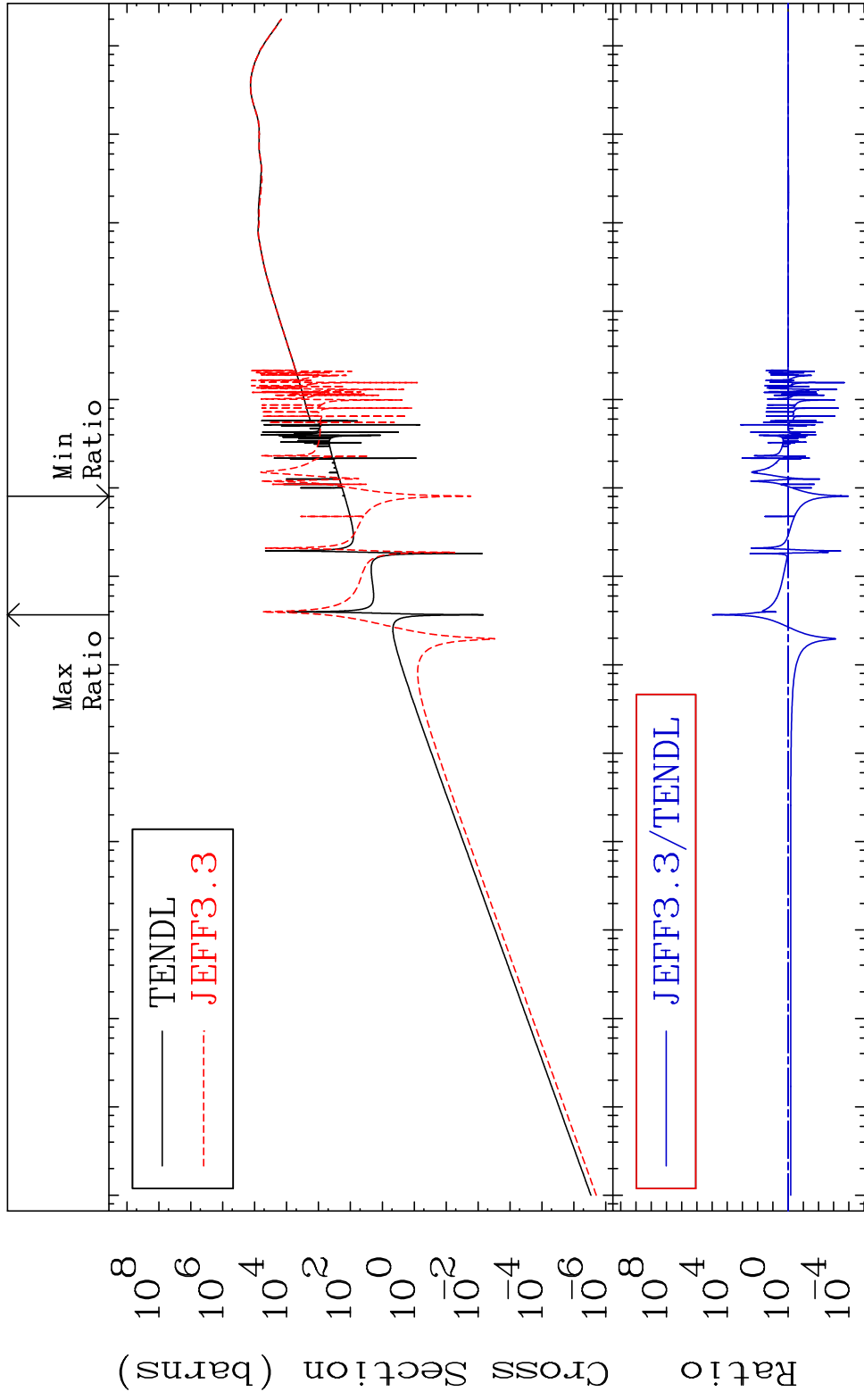


MAT 3637

Kerma elastic

36-Kr-82

Cross Section -99.99 To 9999. %

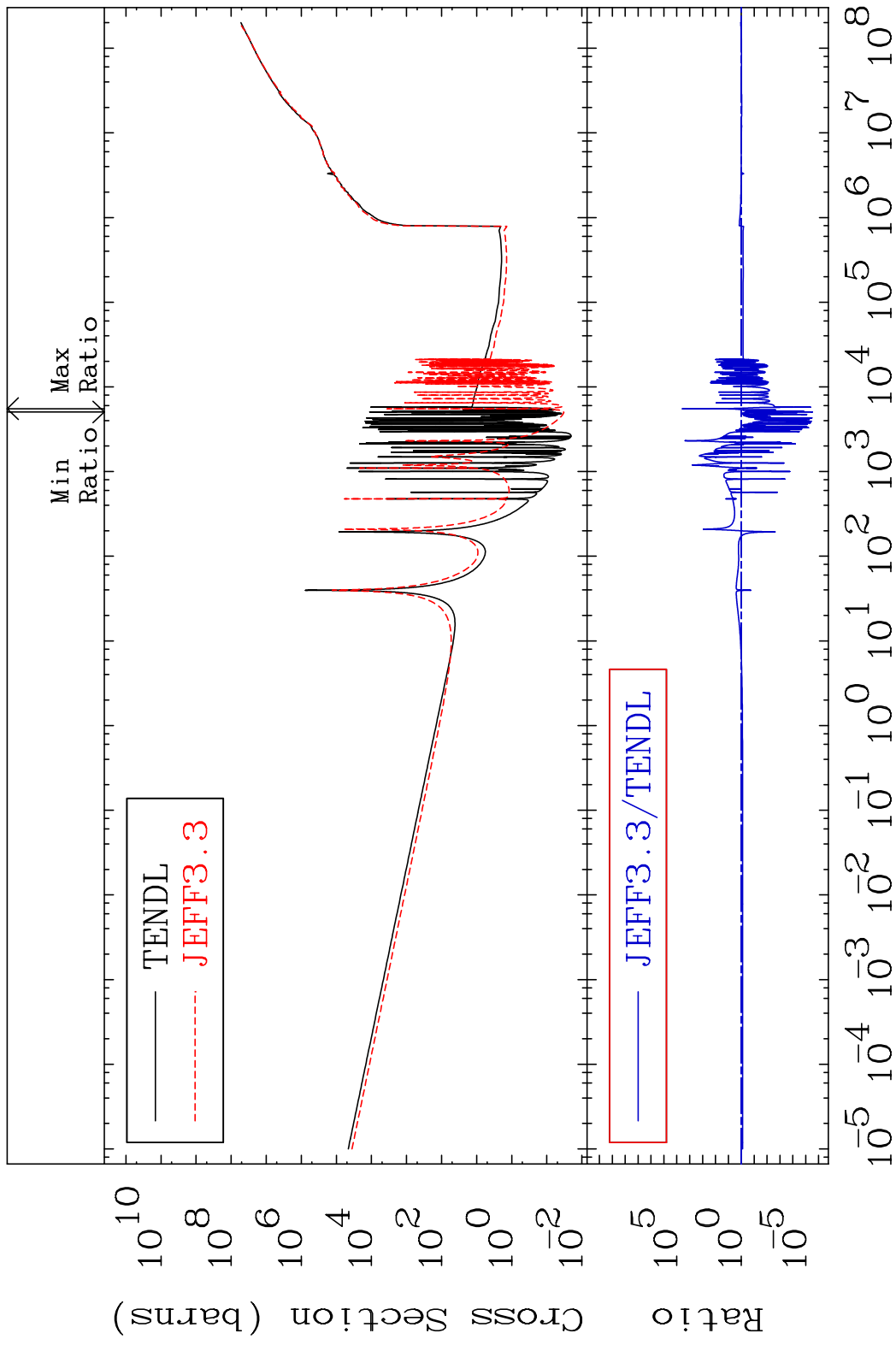


67

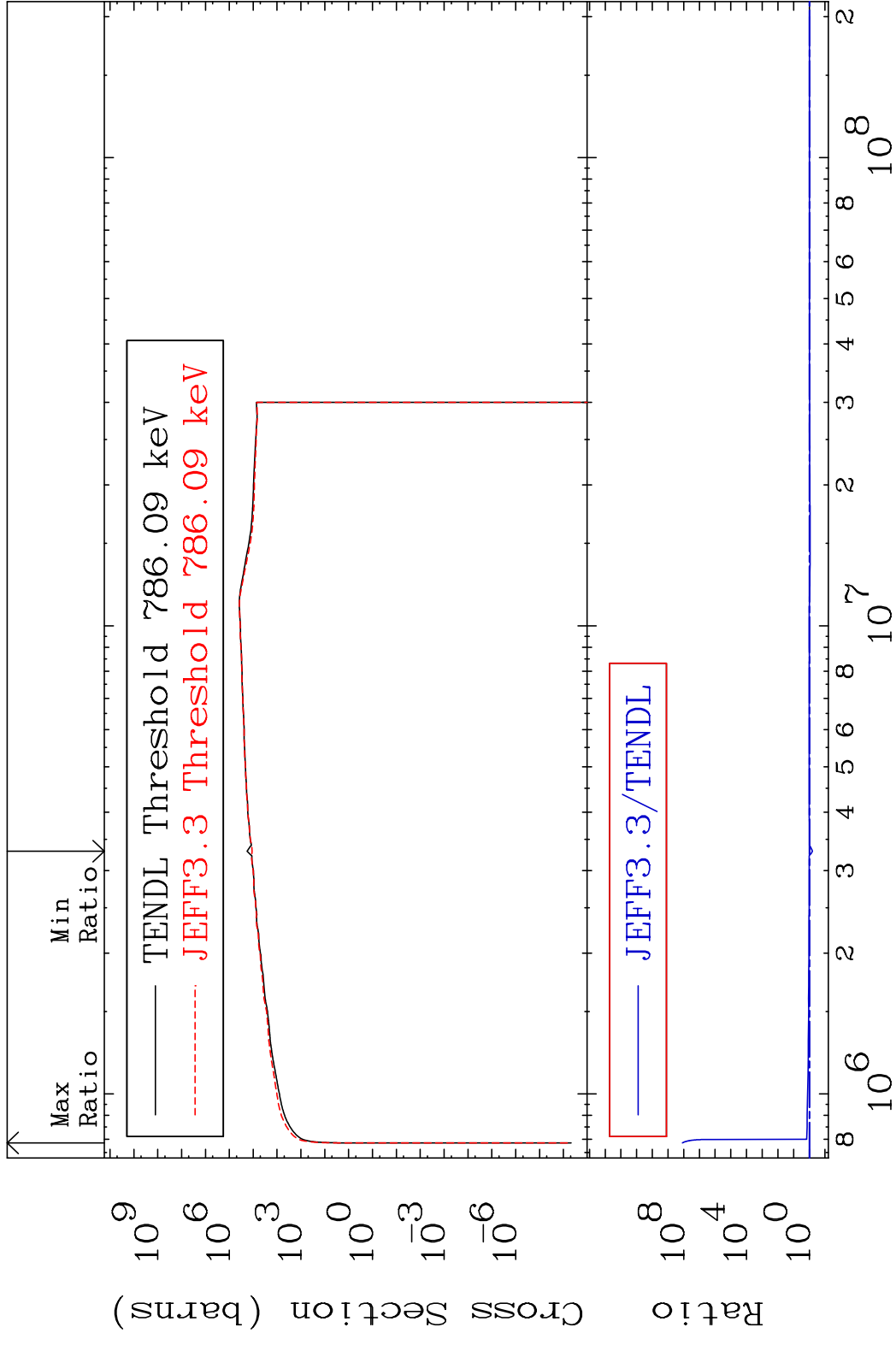
Incident Energy (eV)

36-Kr-82

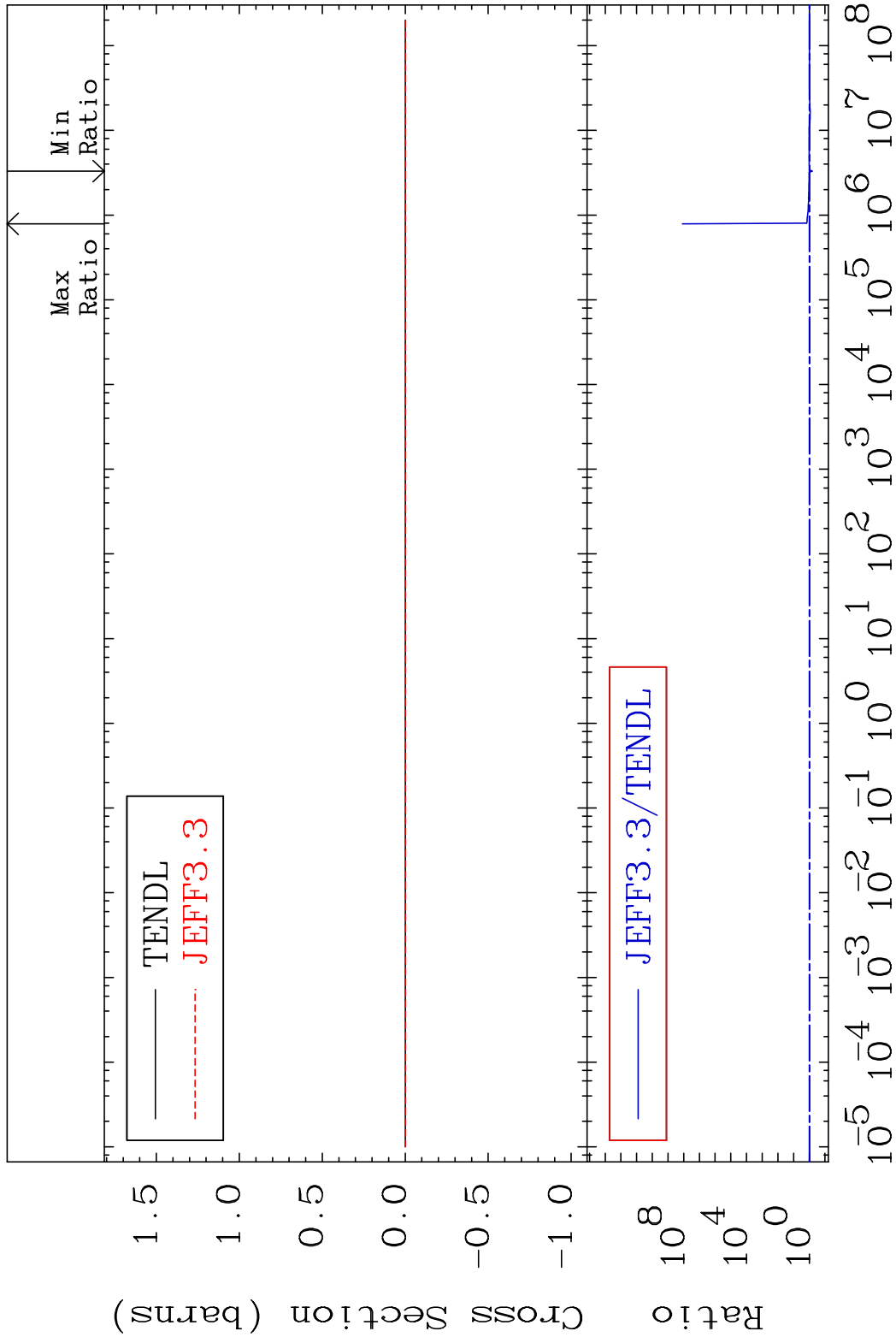
MAT 3637 Kerma non-elastic (all but mt2) 36-Kr-82
 Cross Section -100.0 To 9999. %



MAT 3637 Kerma inelastic (mt51-91) 36-Kr-82
 Cross Section -37.89 To 9999. %



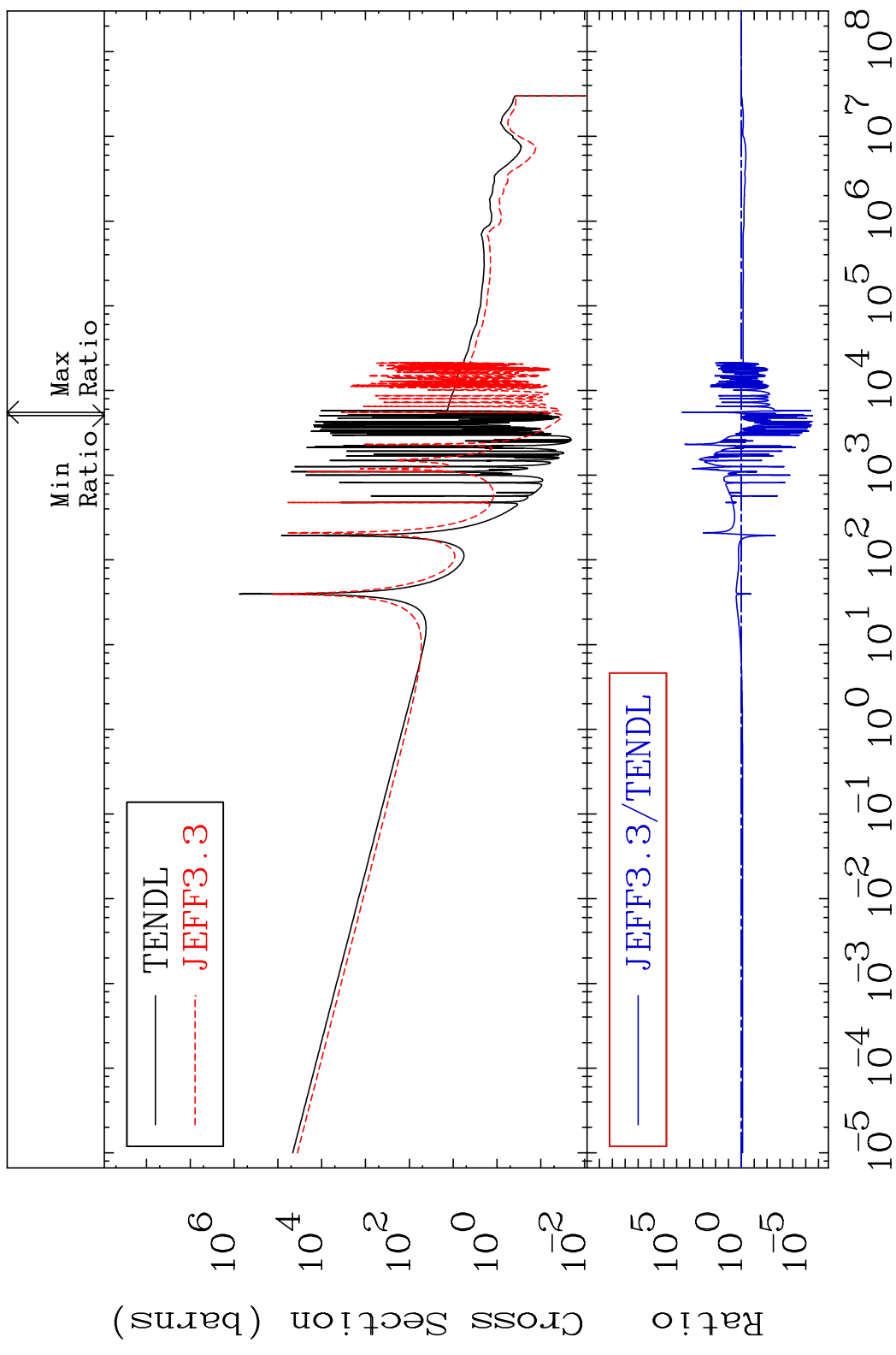
MAT 3637 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-82
 Cross Section -37.89 To 9999. %



MAT 3637

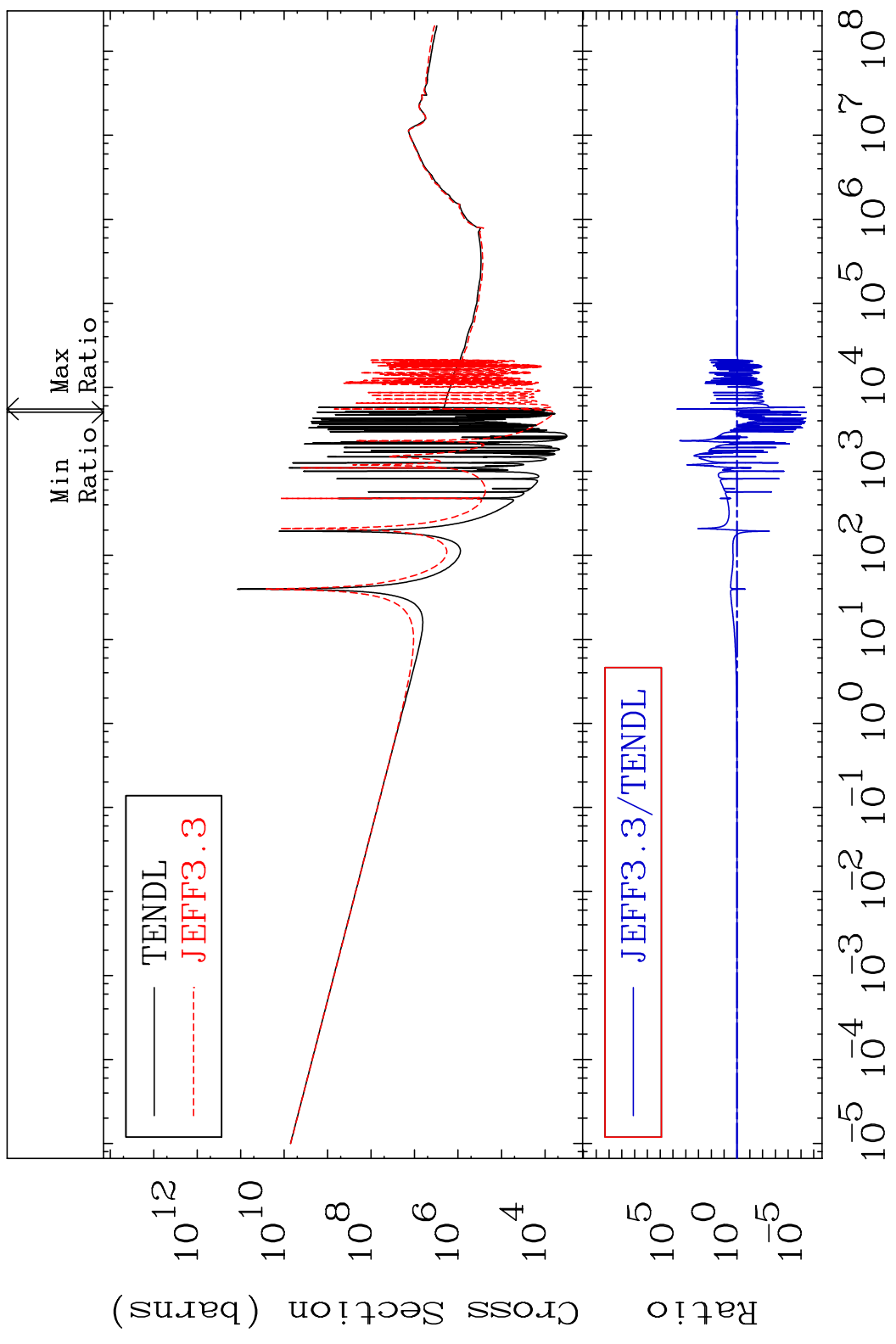
Kerma capture (mt102) 36-Kr-82

Cross Section -100.0 To 9999. %

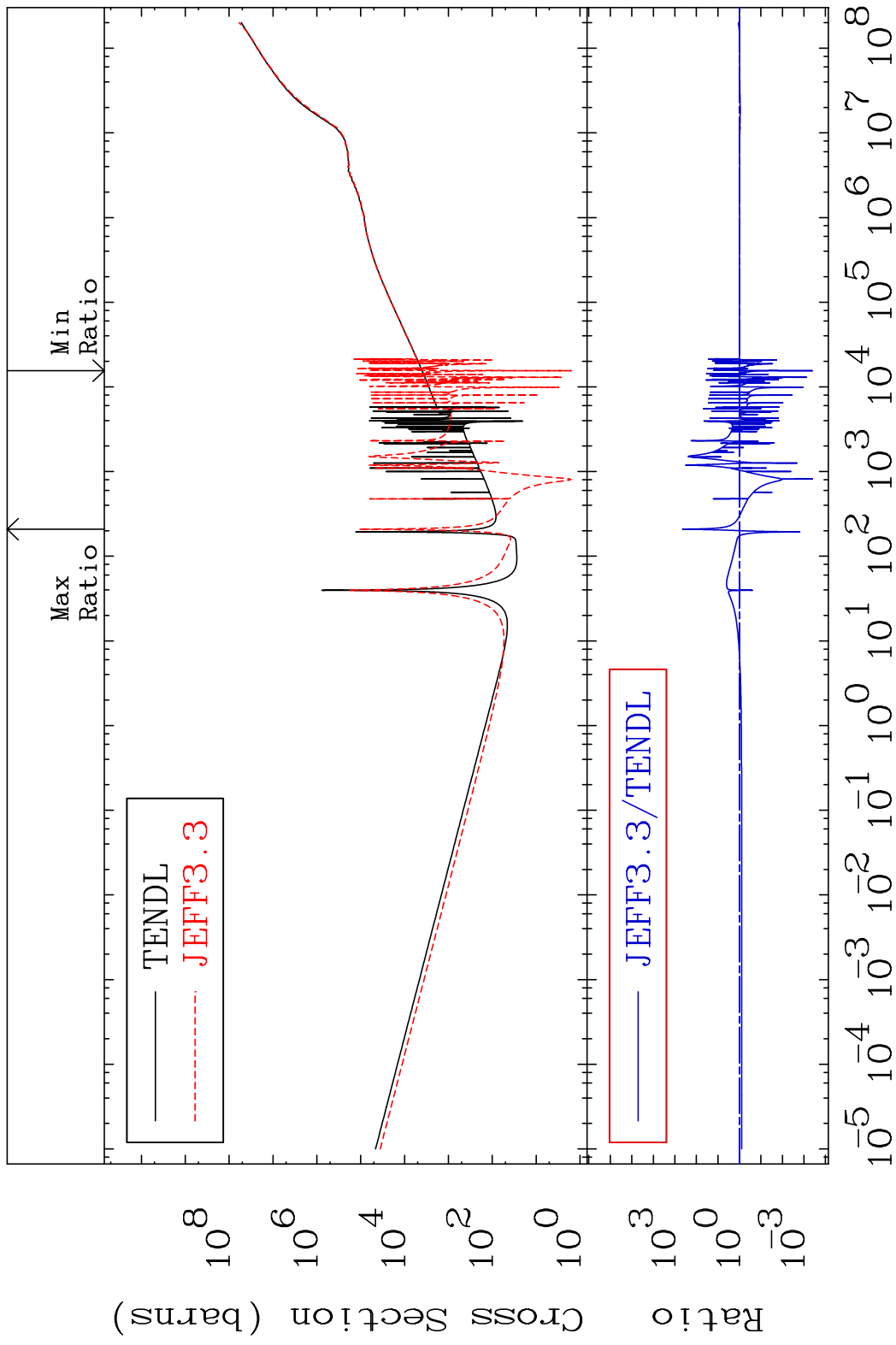


MAT 3637

Total photon (eV-barns) 36-Kr-82
Cross Section -100.0 To 9999. %



MAT 3637 Total kinematic kerma (high limit) 36-Kr-82
 Cross Section -99.96 To 9999. %

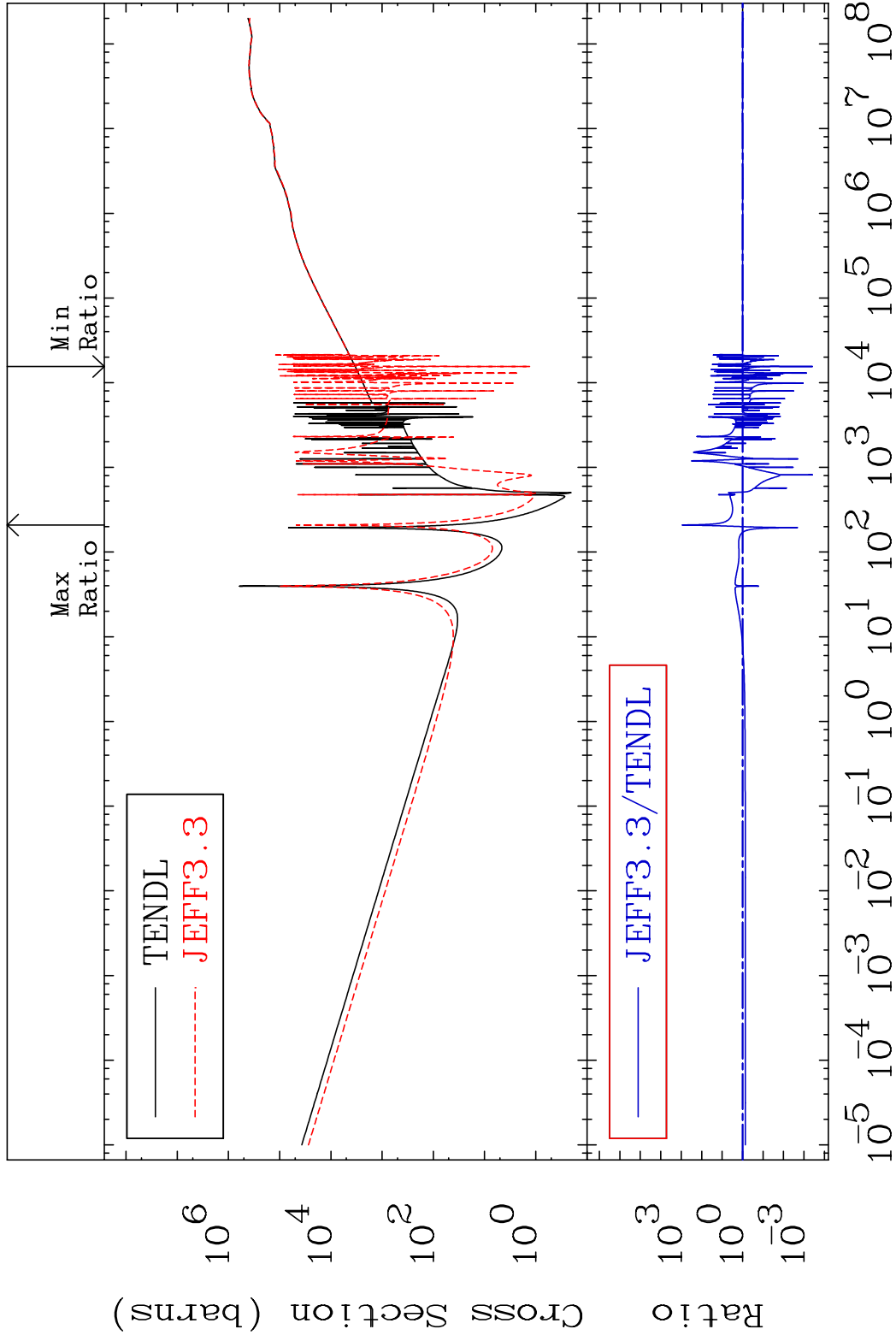


MAT 3637

Dpa total (eV-barns)

36-Kr-82

Cross Section -99.96 To 9999. %



74

Incident Energy (eV)

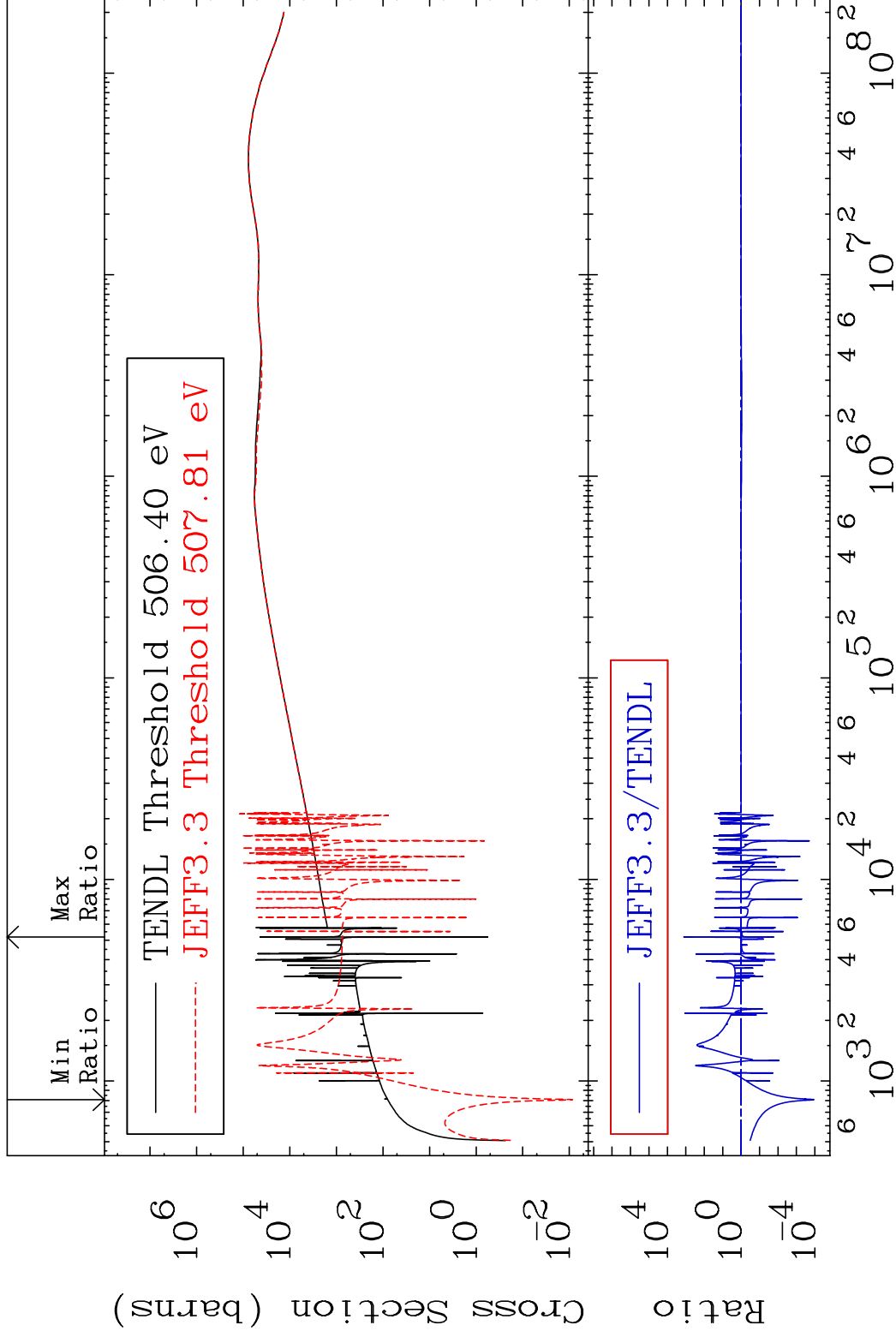
36-Kr-82

MAT 3637

Dpa elastic (mt2)

36-Kr-82

Cross Section -99.99 To 9999. %

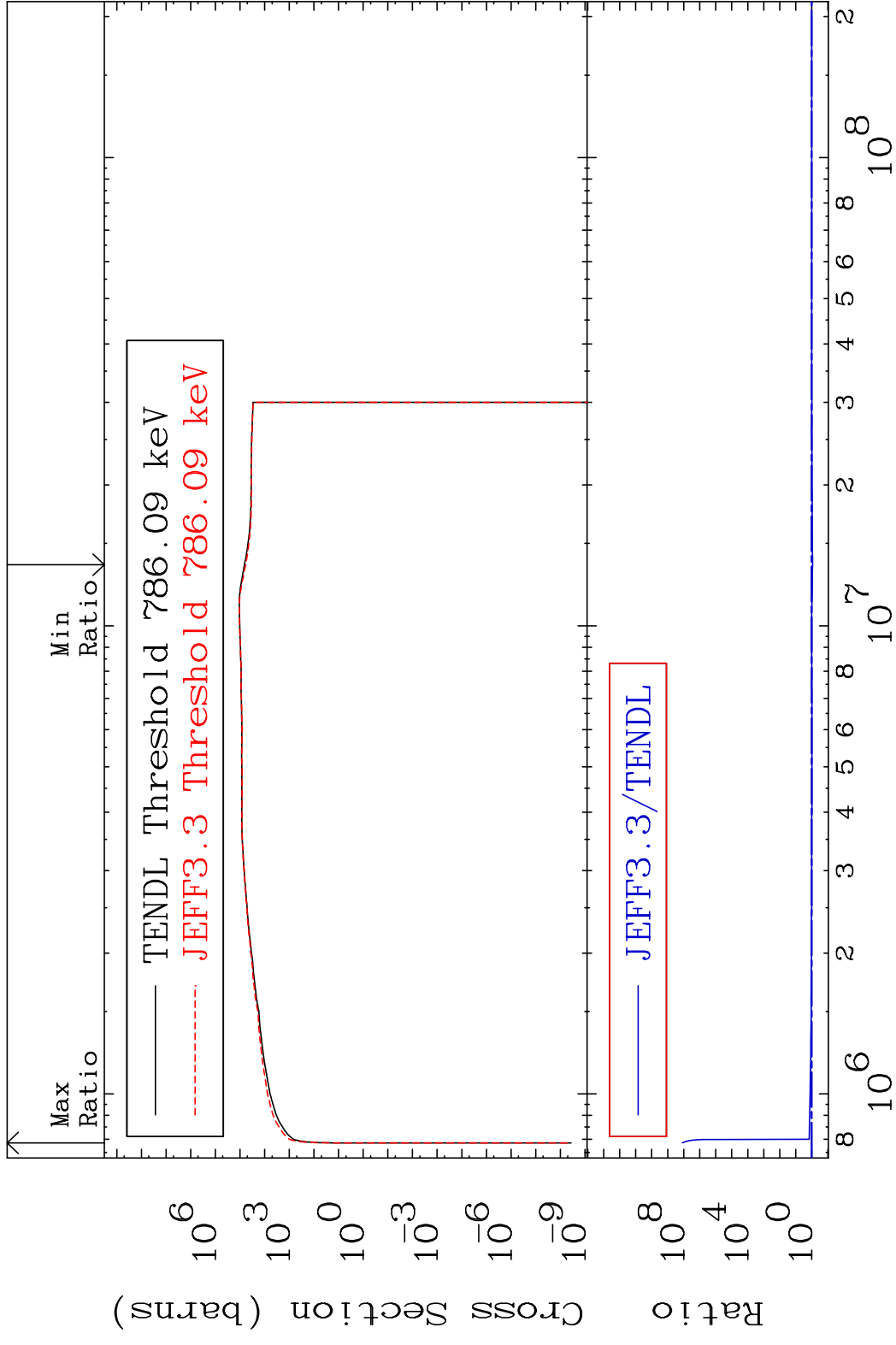


75

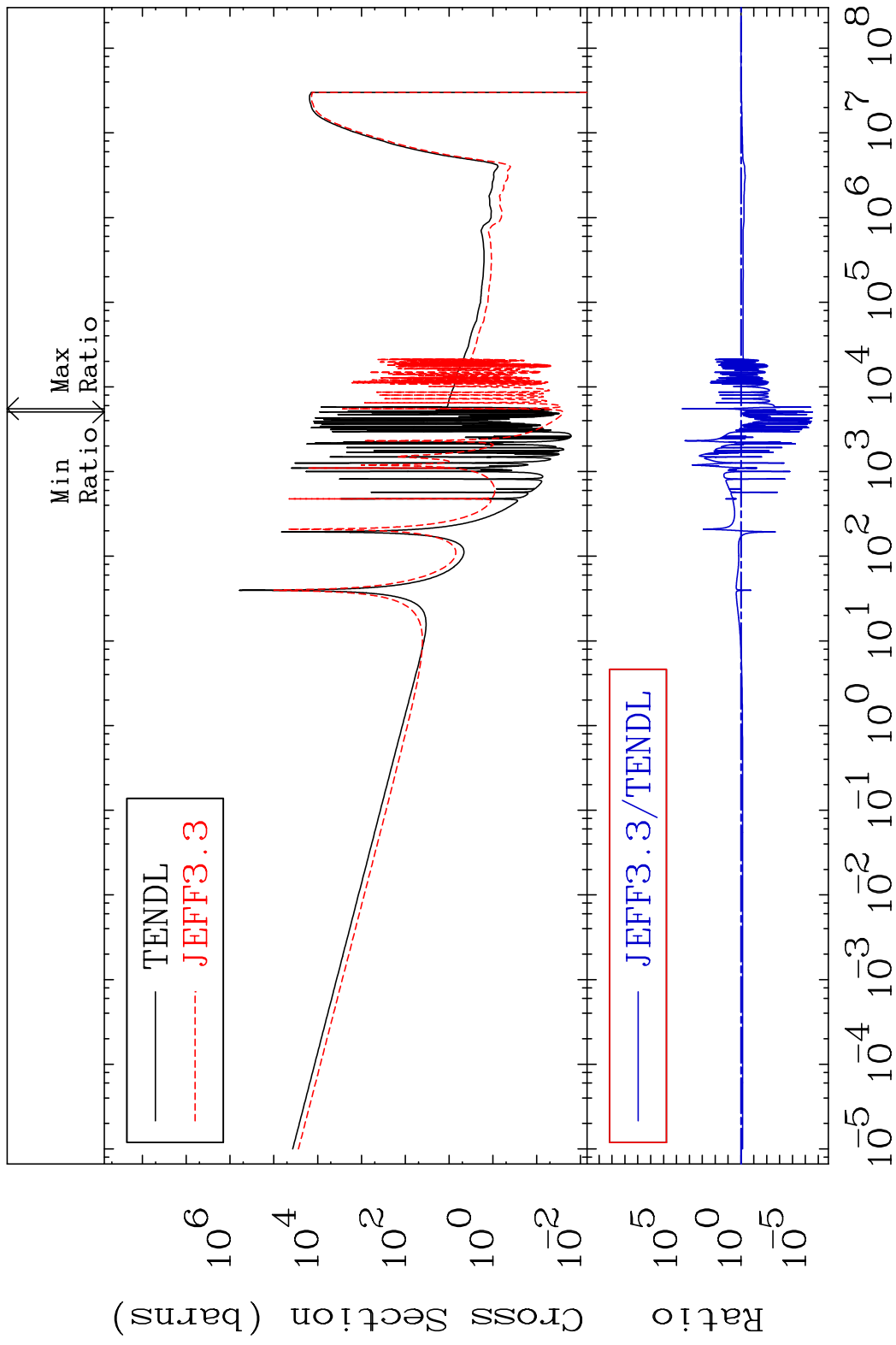
Incident Energy (eV)

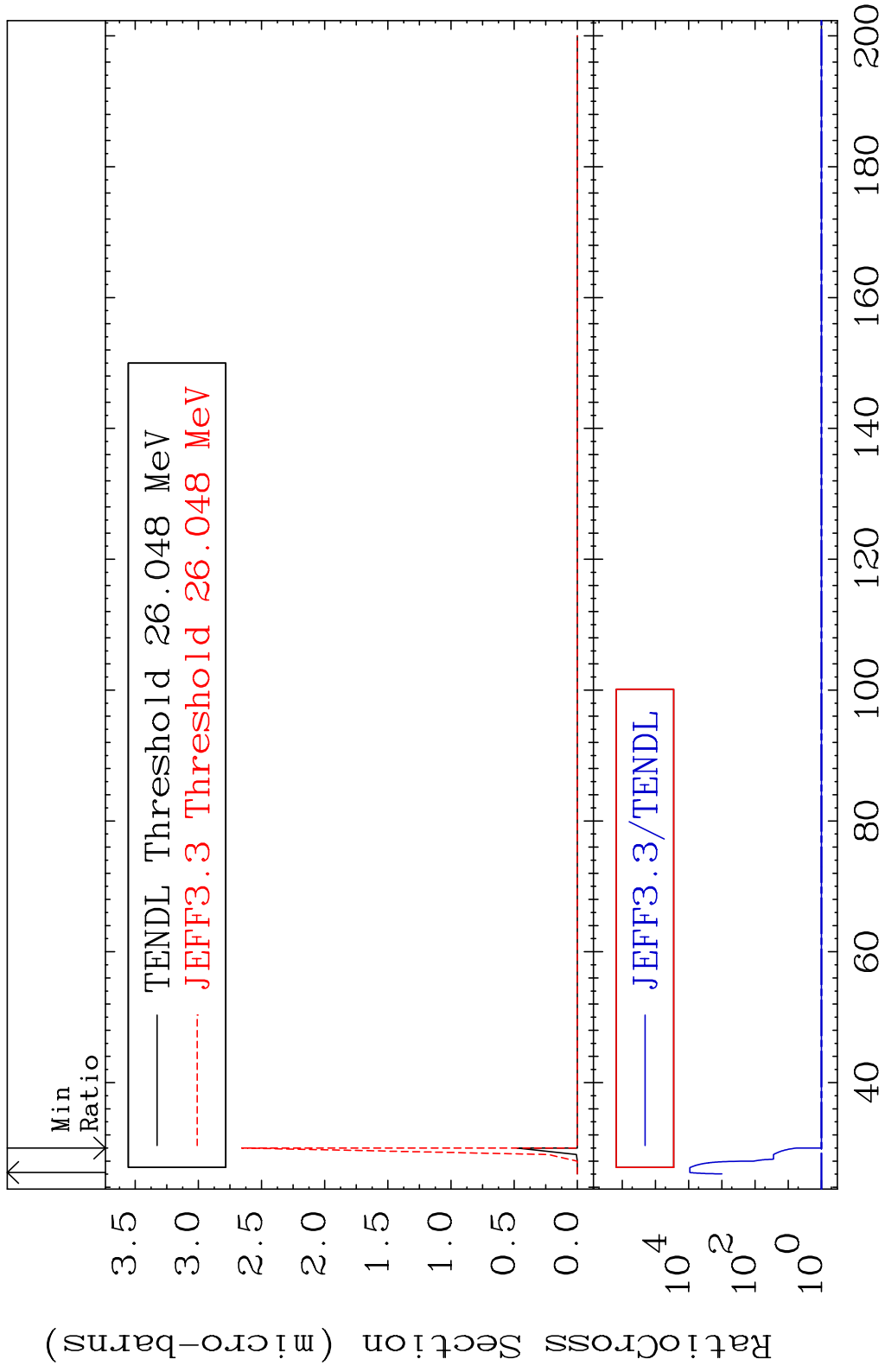
36-Kr-82

MAT 3637 Dpa inelastic (mt51-91) 36-Kr-82
 Cross Section -10.49 To 9999. %

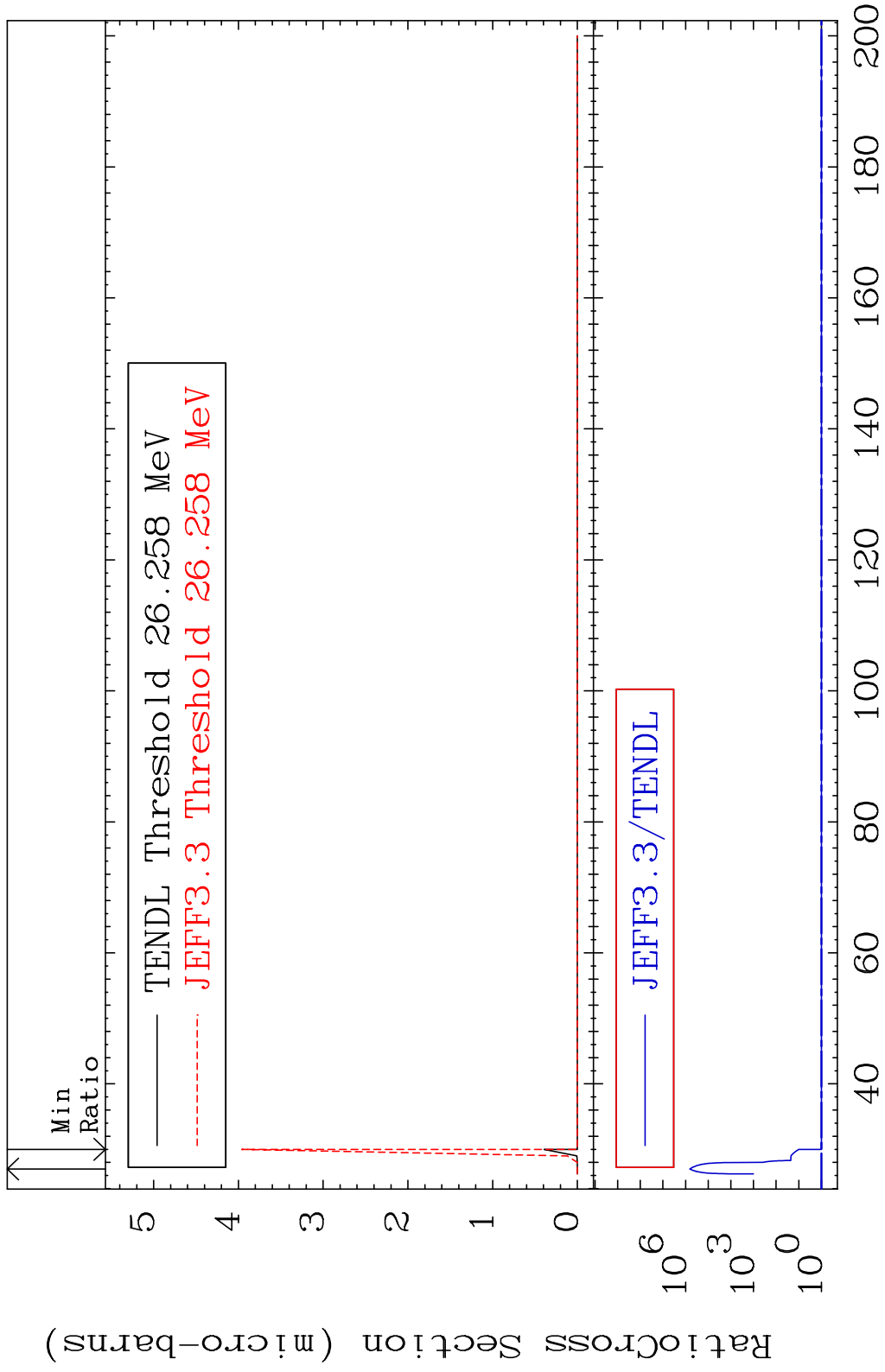


MAT 3637 Dpa disappearance (mt102 -120) 36-Kr-82
 Cross Section -100.0 To 9999. %

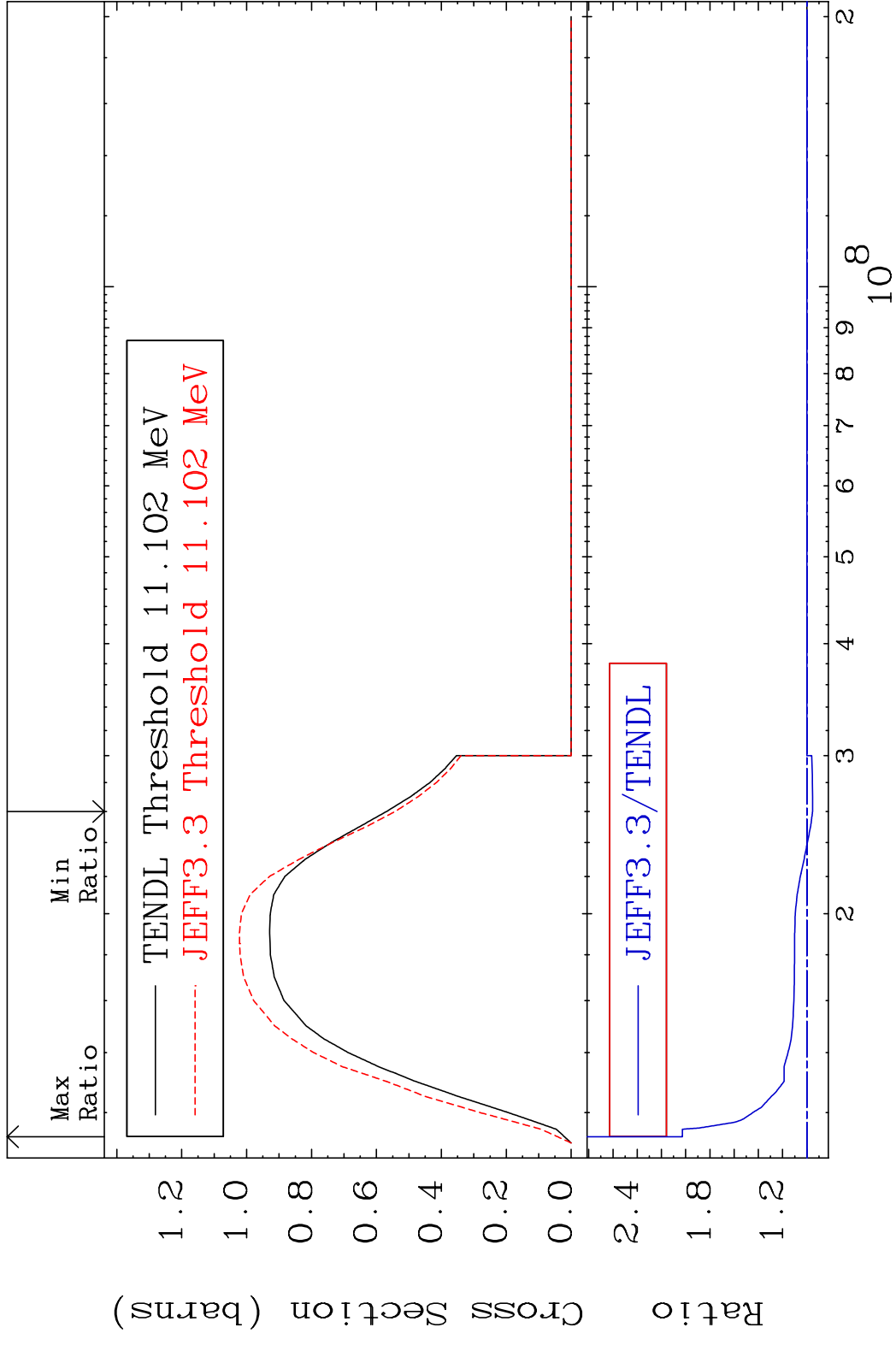


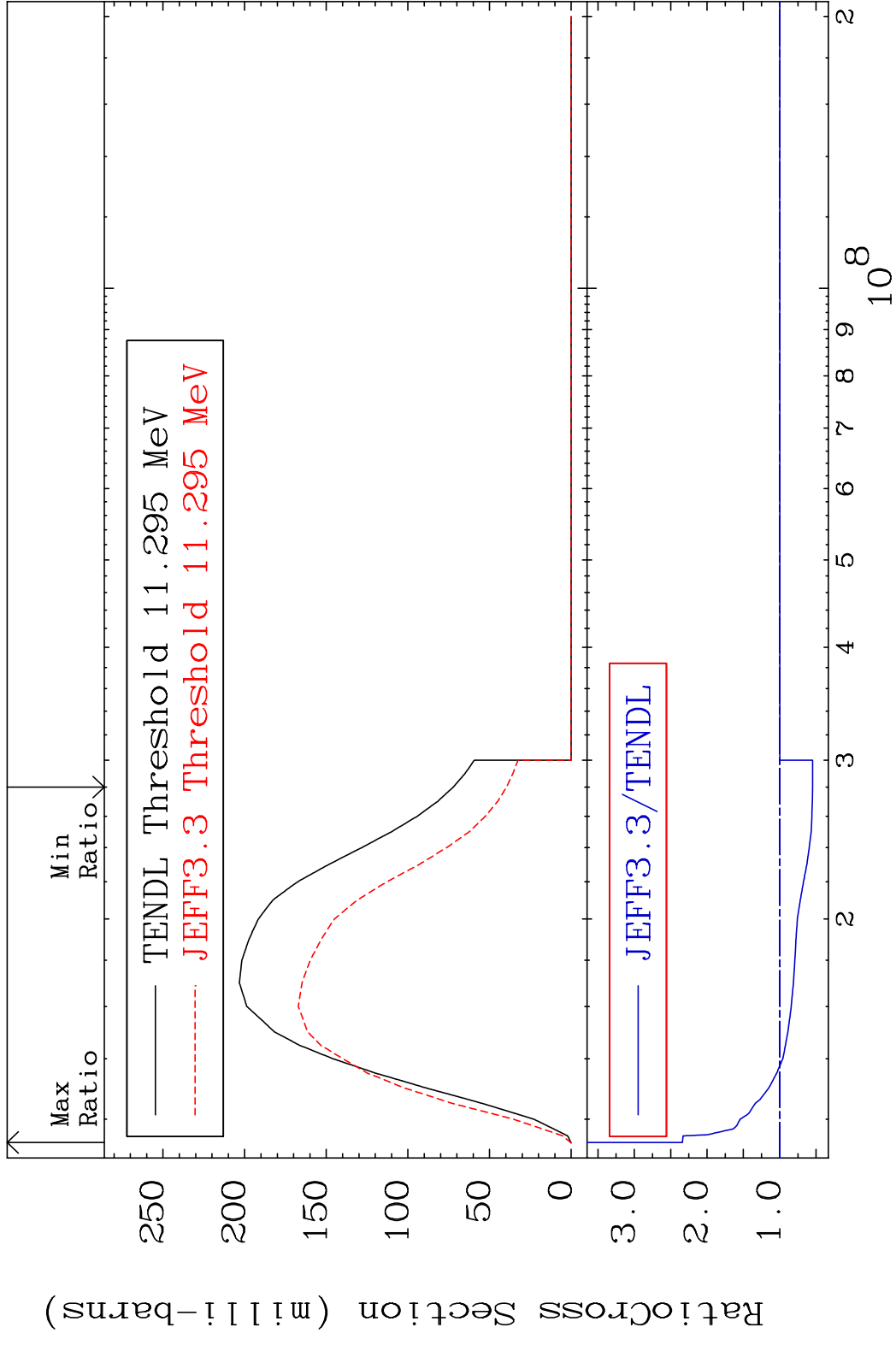


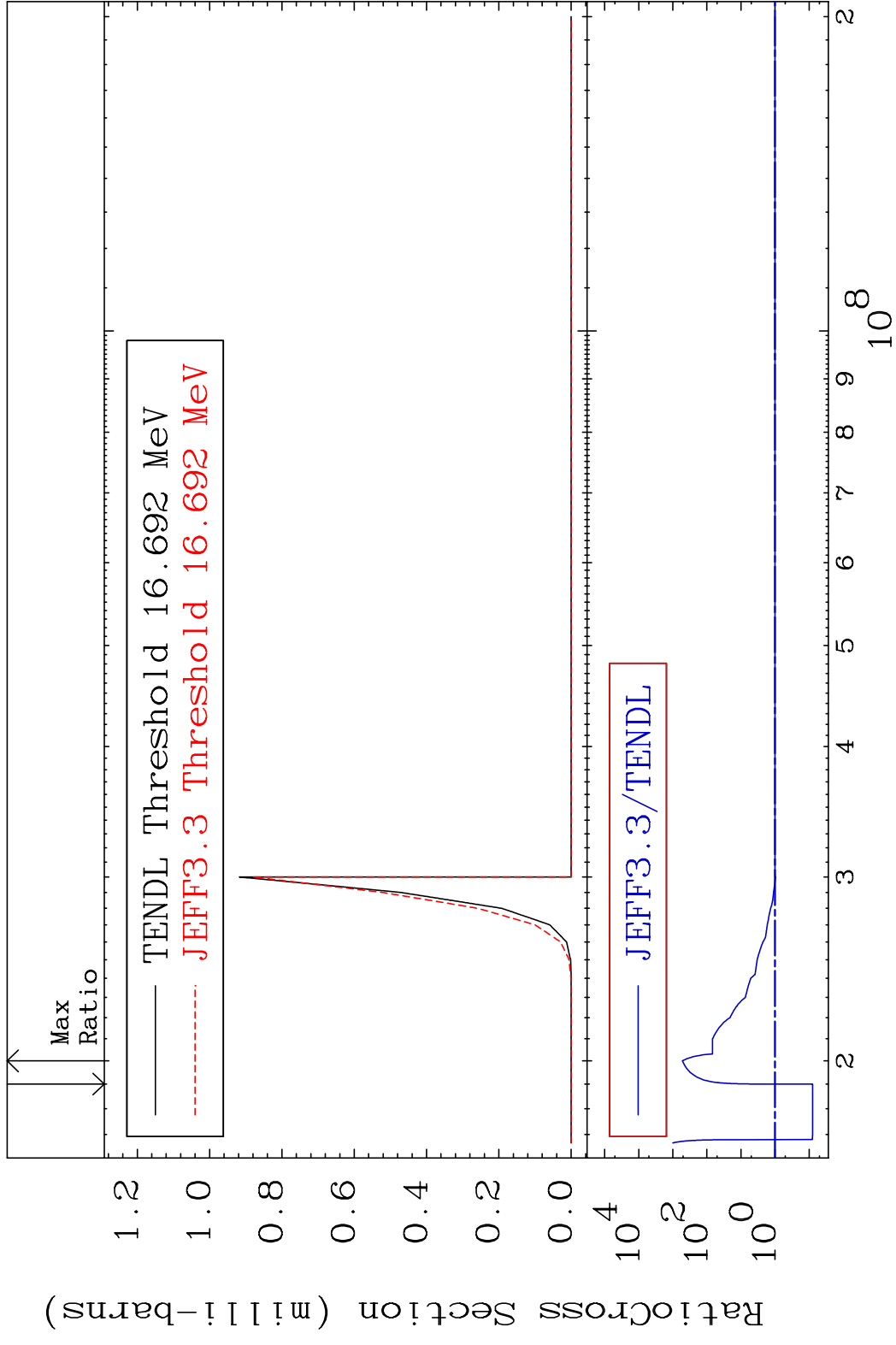
MAT 3637 (n,2n) d:35-Br-79m1 36-Kr-82
 Radionuclide Production Cross Section 9999. %



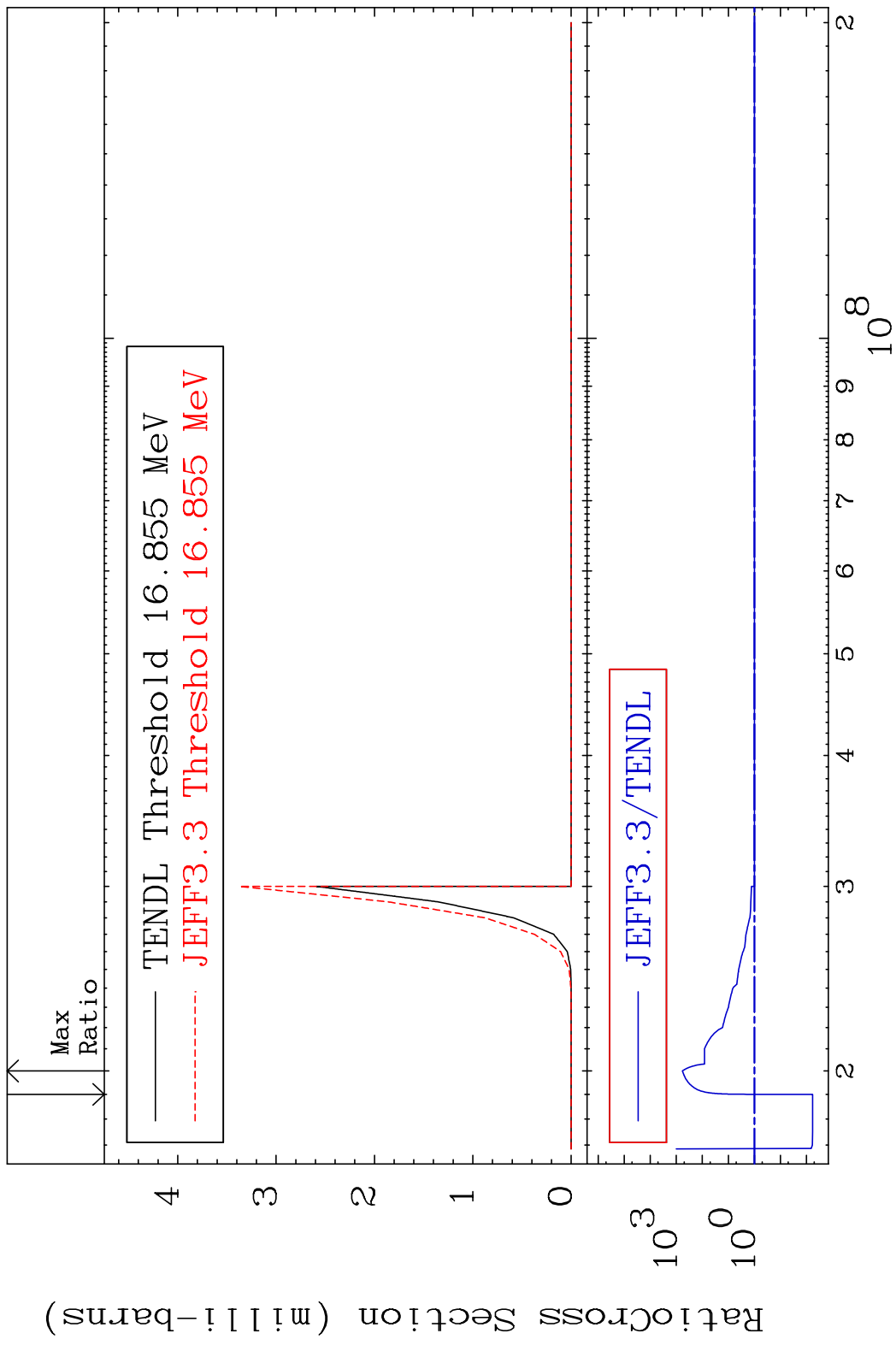
MAT 3637 (n,2n):36-Kr-81g 36-Kr-82
 Radionuclide Production Cross Section 102.7 %

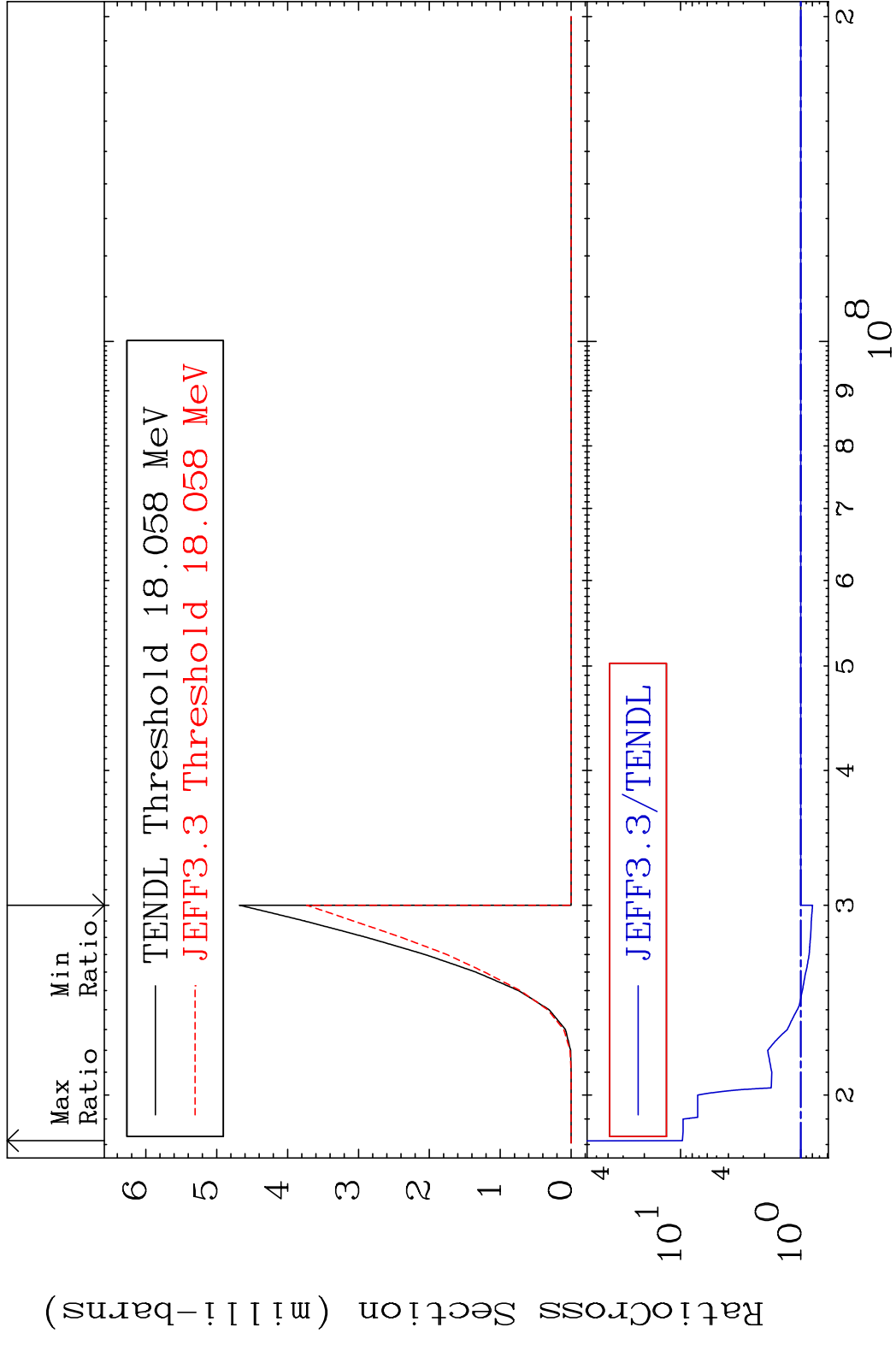


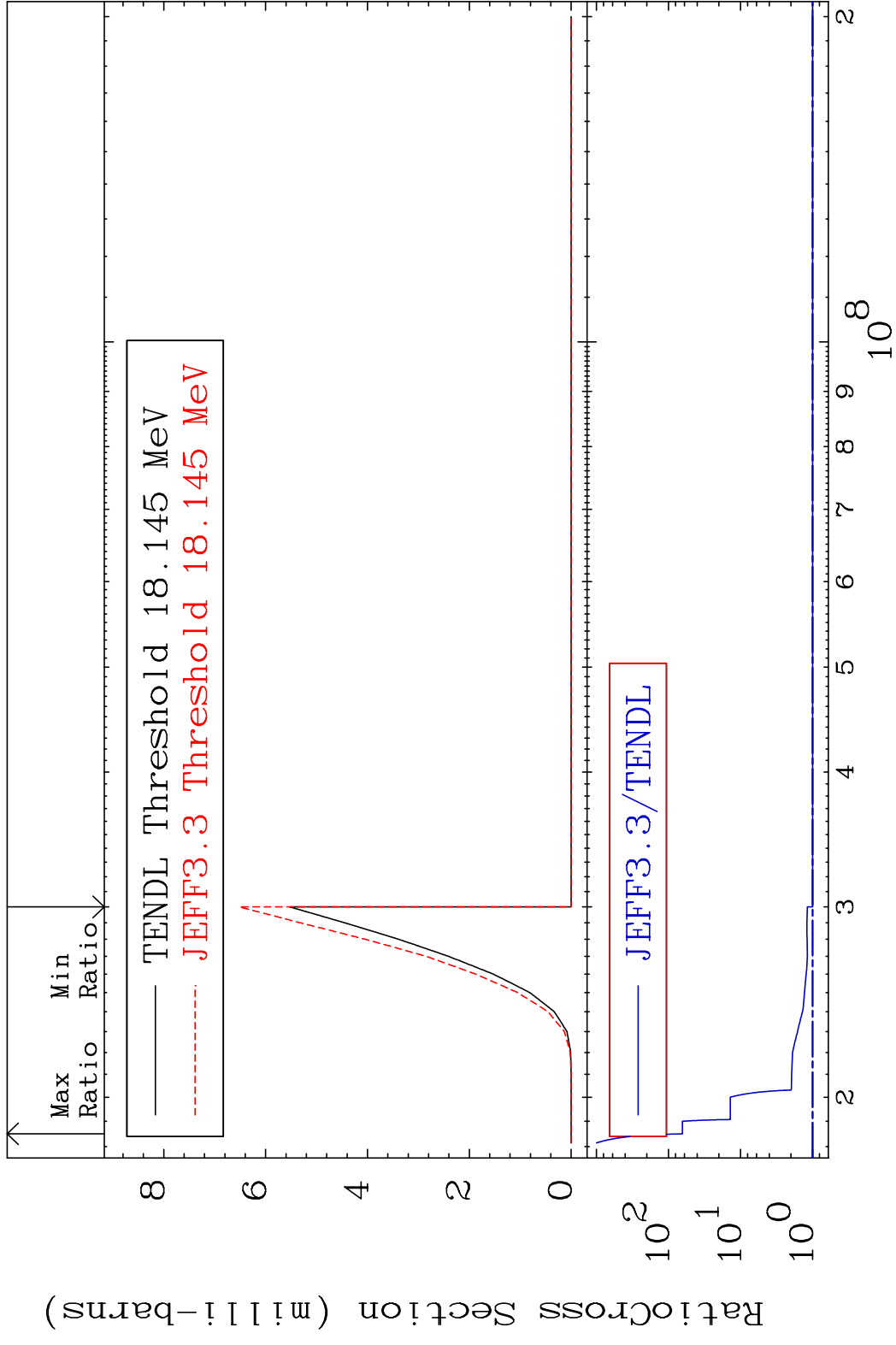


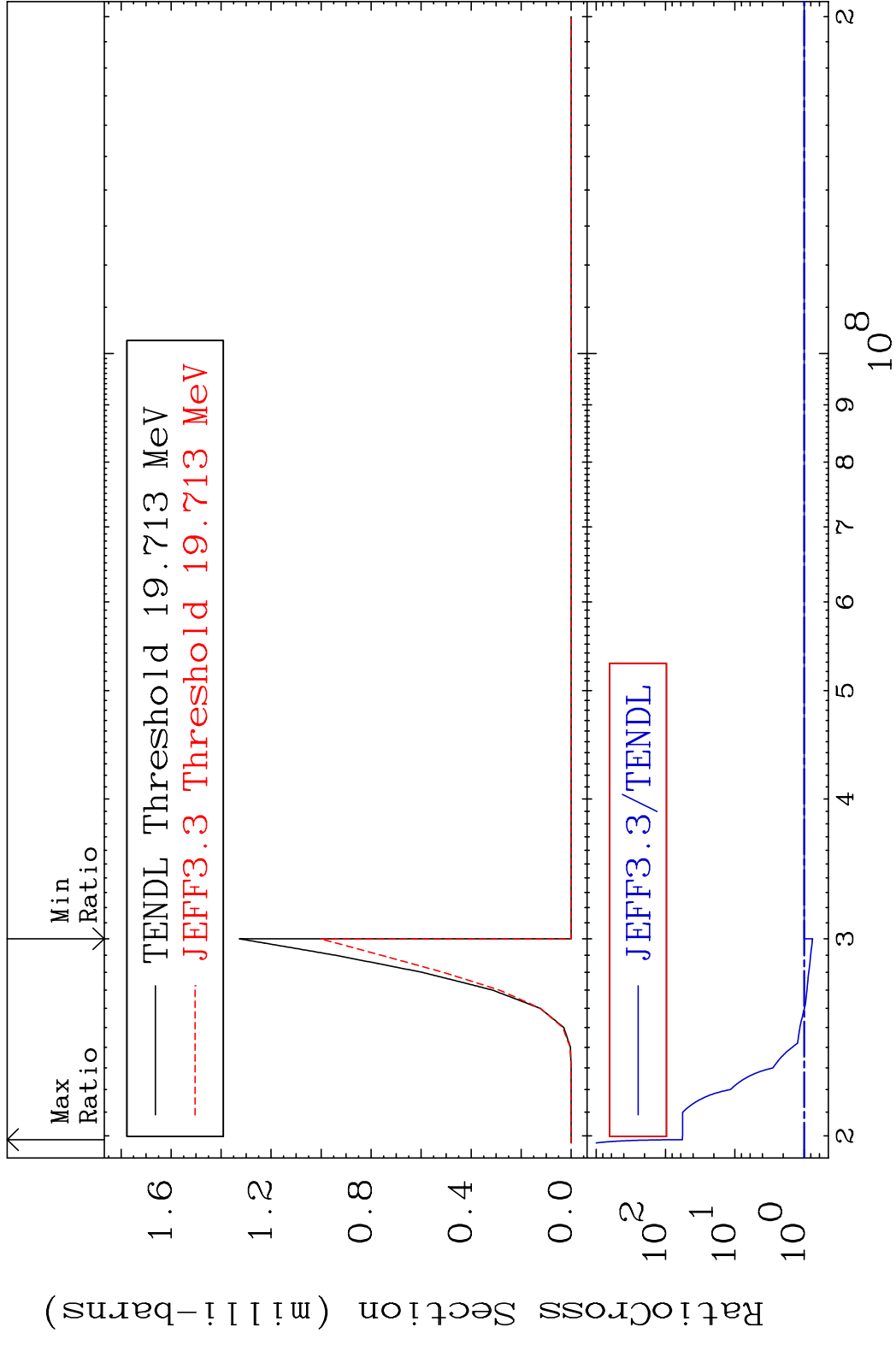


MAT 3637 (n,2n) α :34-Se-77m1 36-Kr-82
 Radionuclide Production Cross Section 984210 9999. %

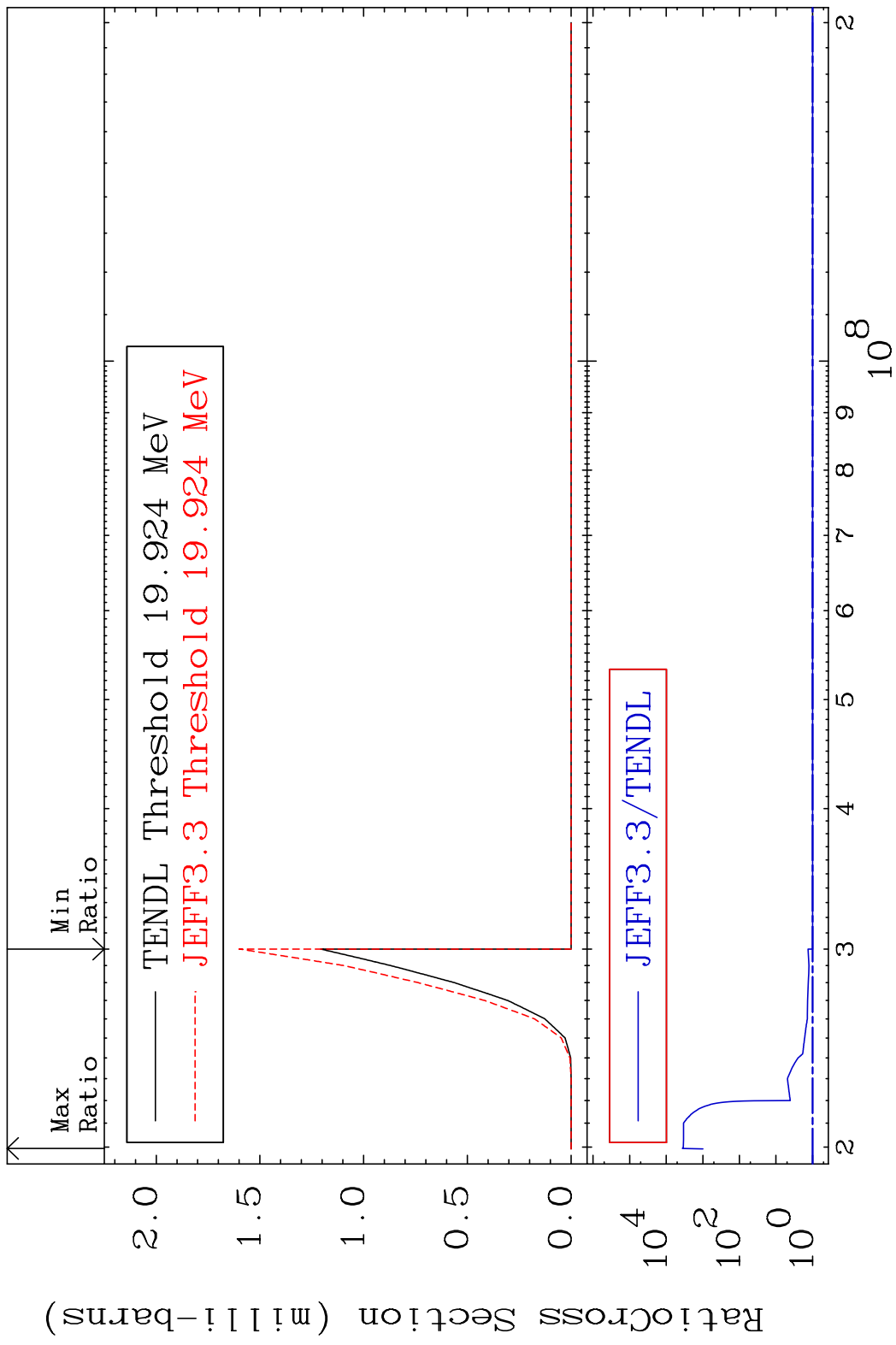


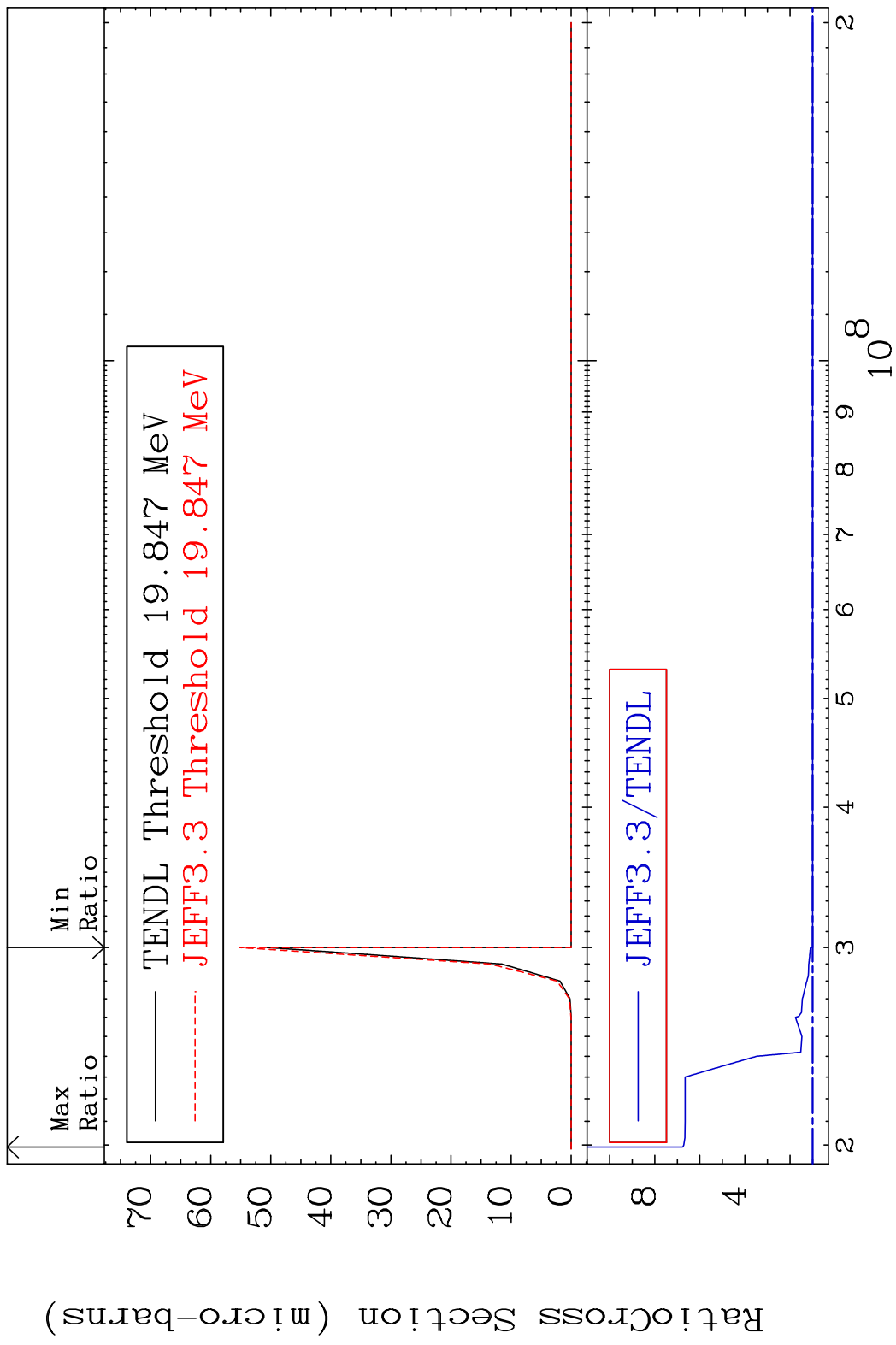


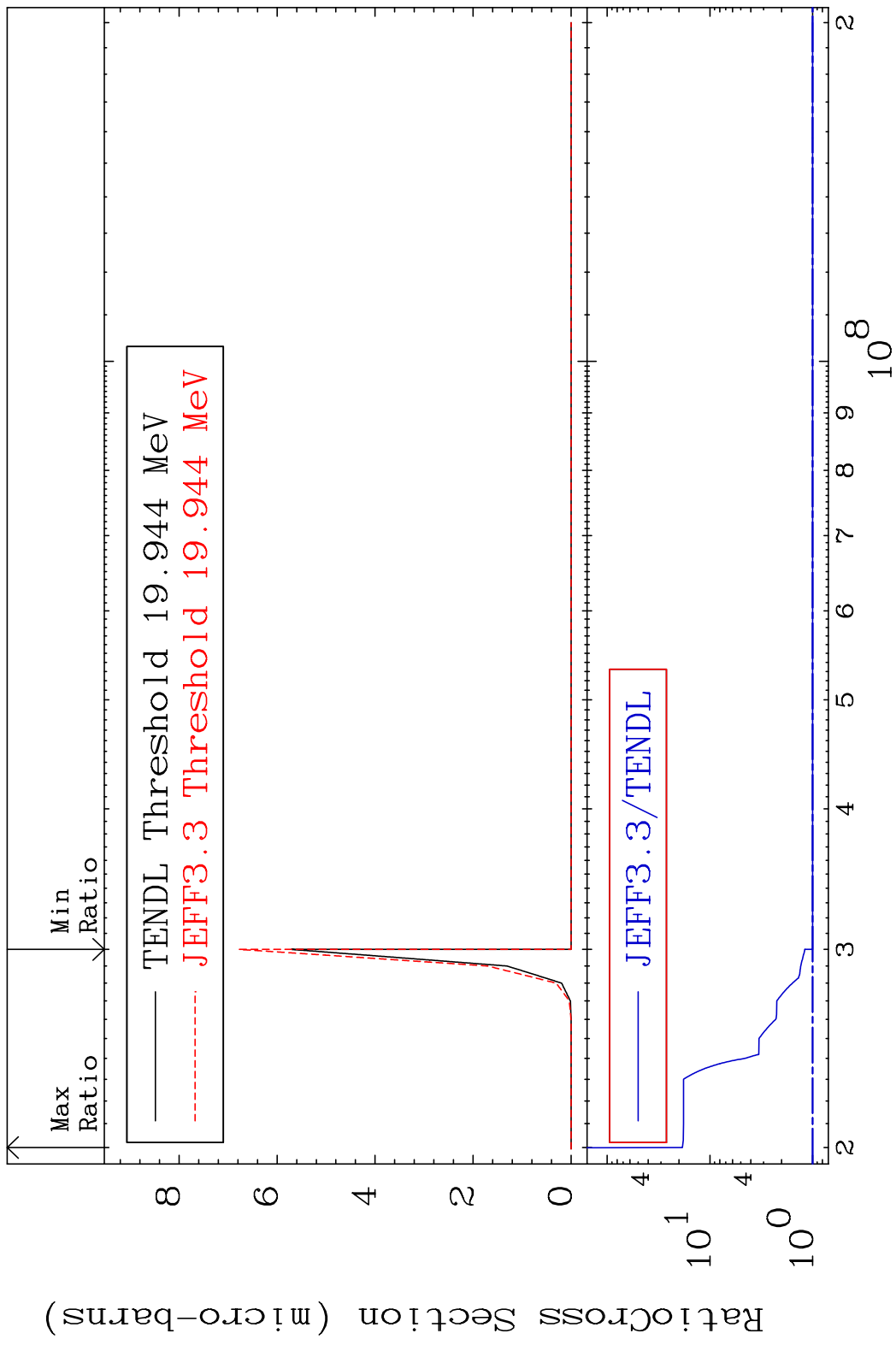


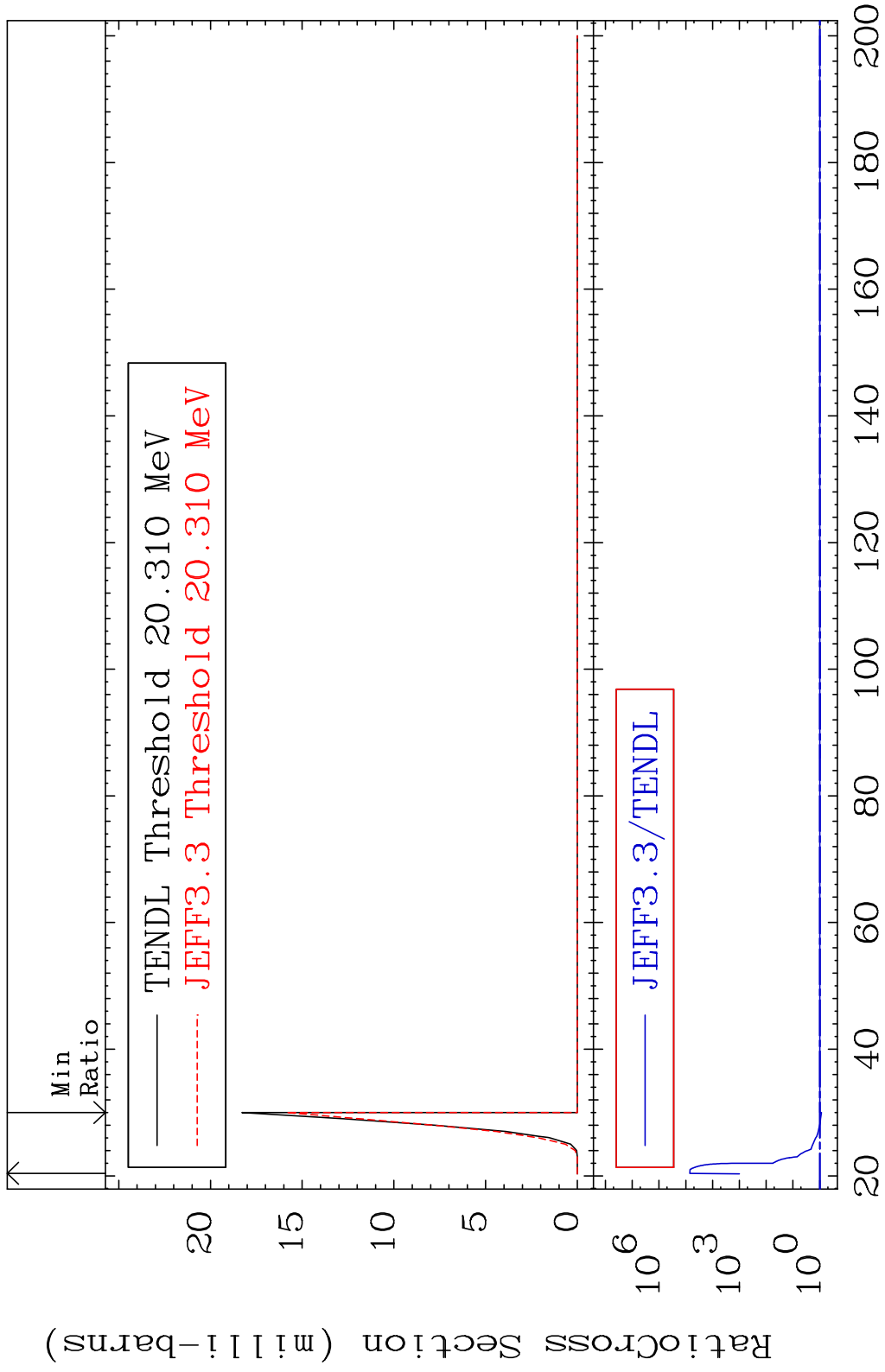


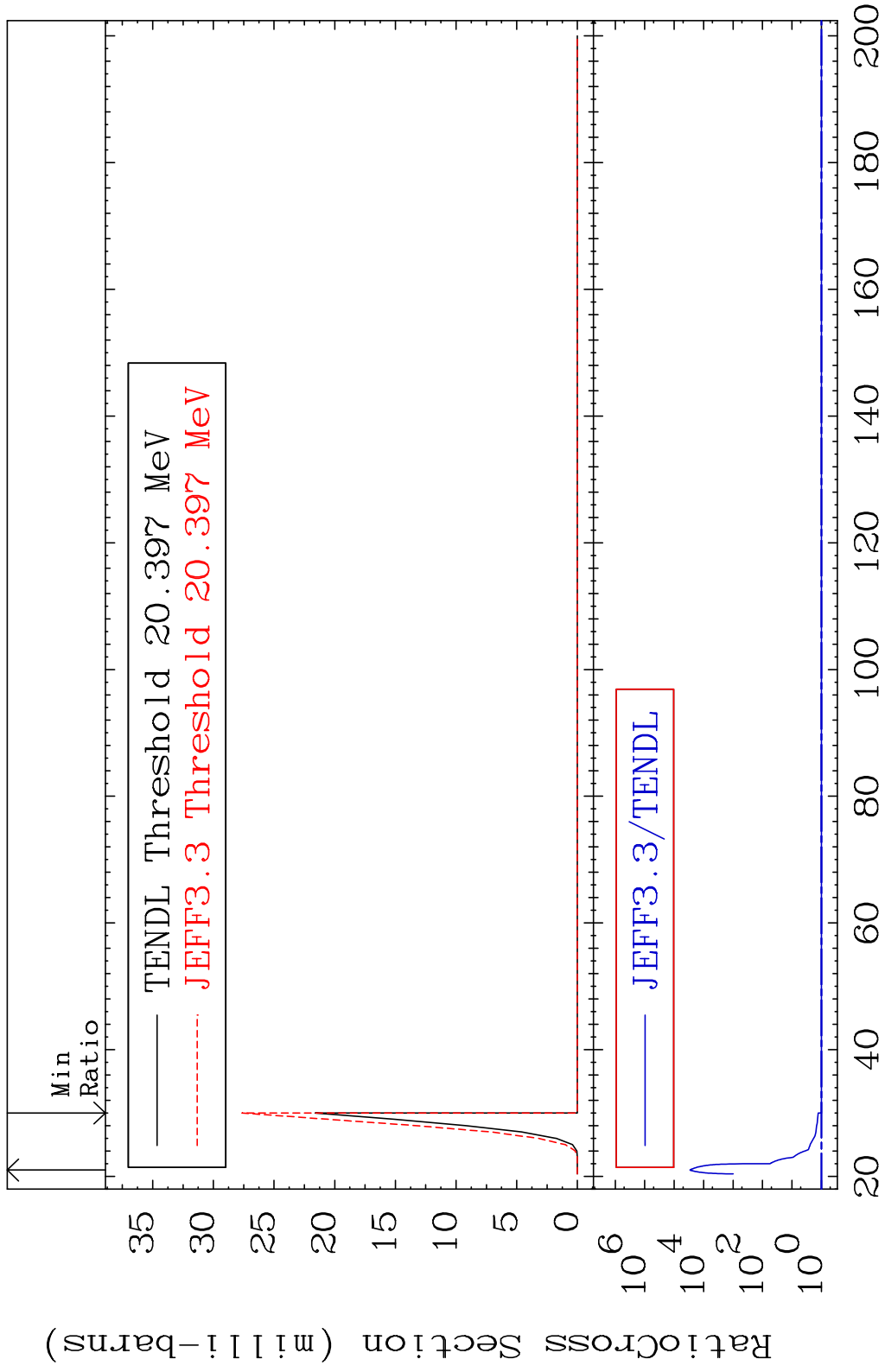
MAT 3637 (n, n') t:35-Br-79m1 36-Kr-82
 Radionuclide Production Cross Section 9999. %



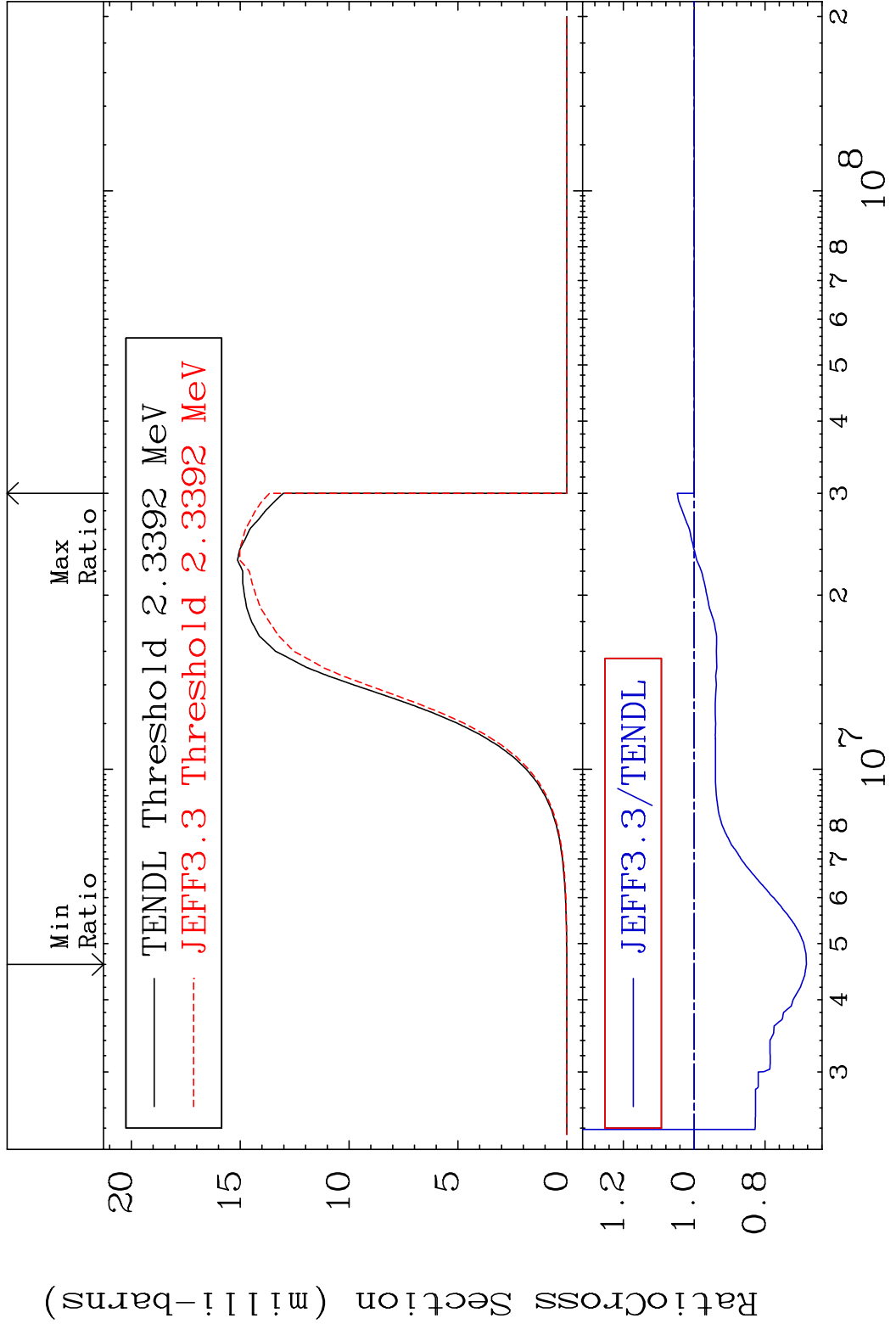




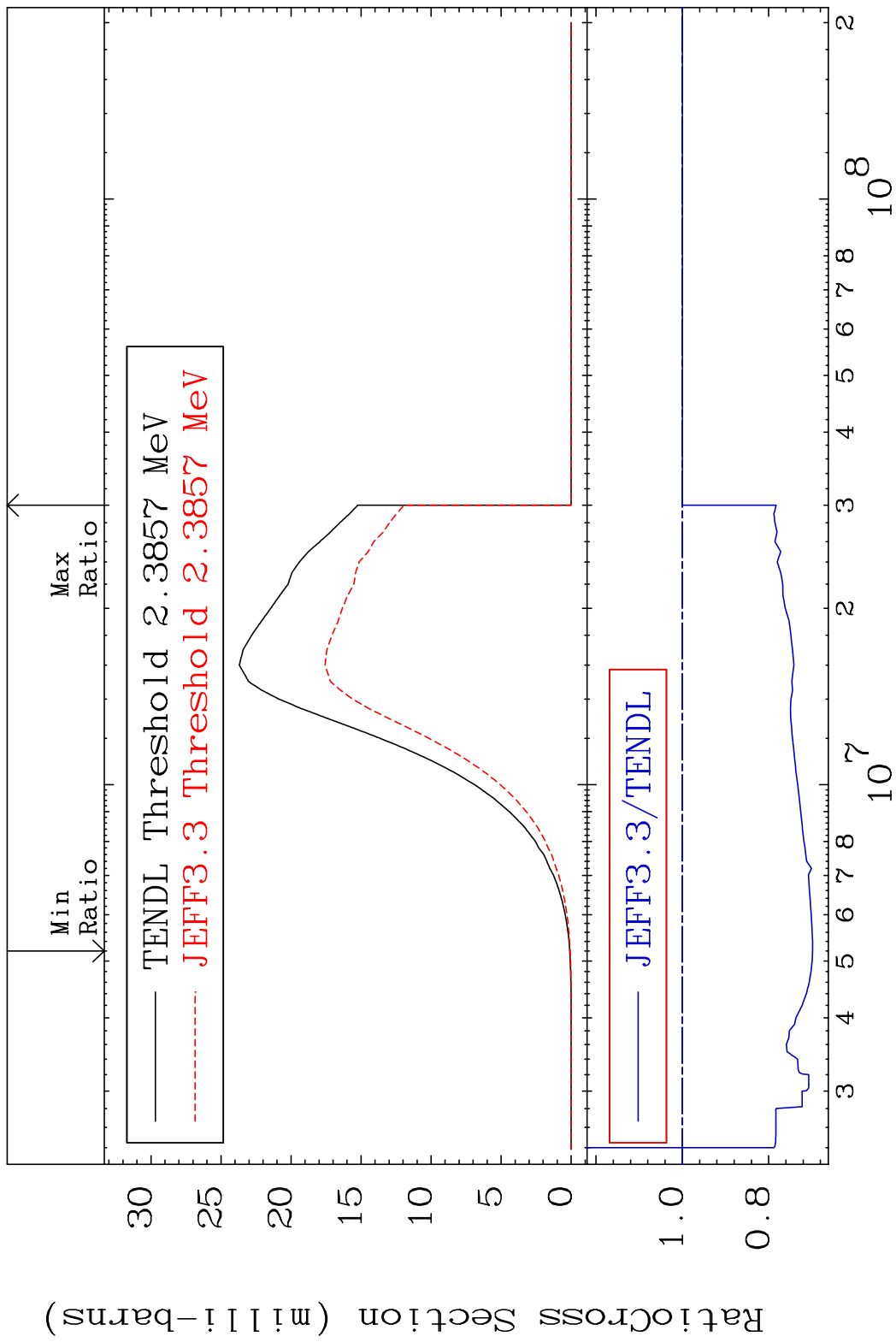


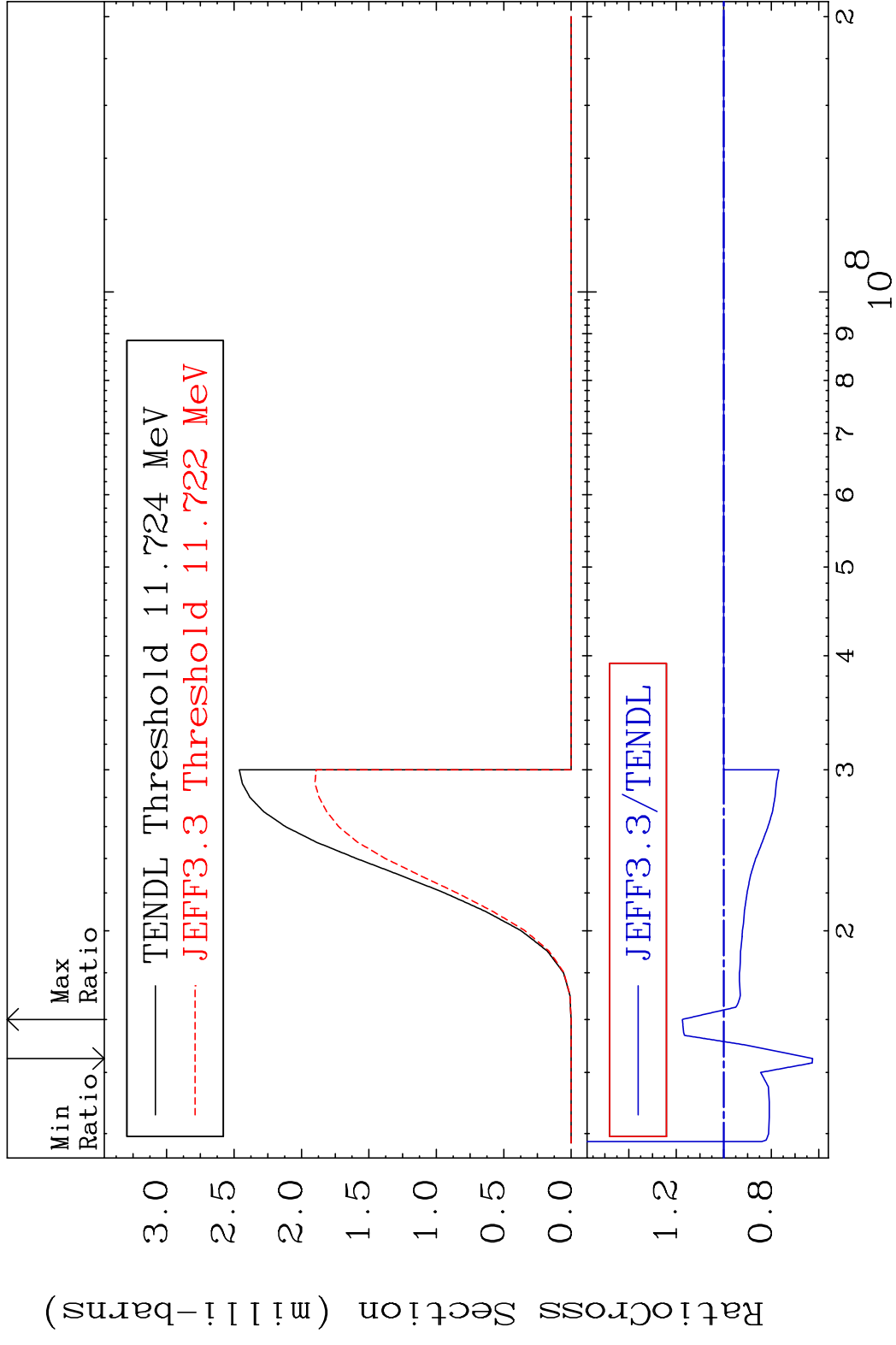


MAT 3637 (n, p) : 35-Br-82g 36-Kr-82
 Radionuclide Production Cross Section 4.794 %

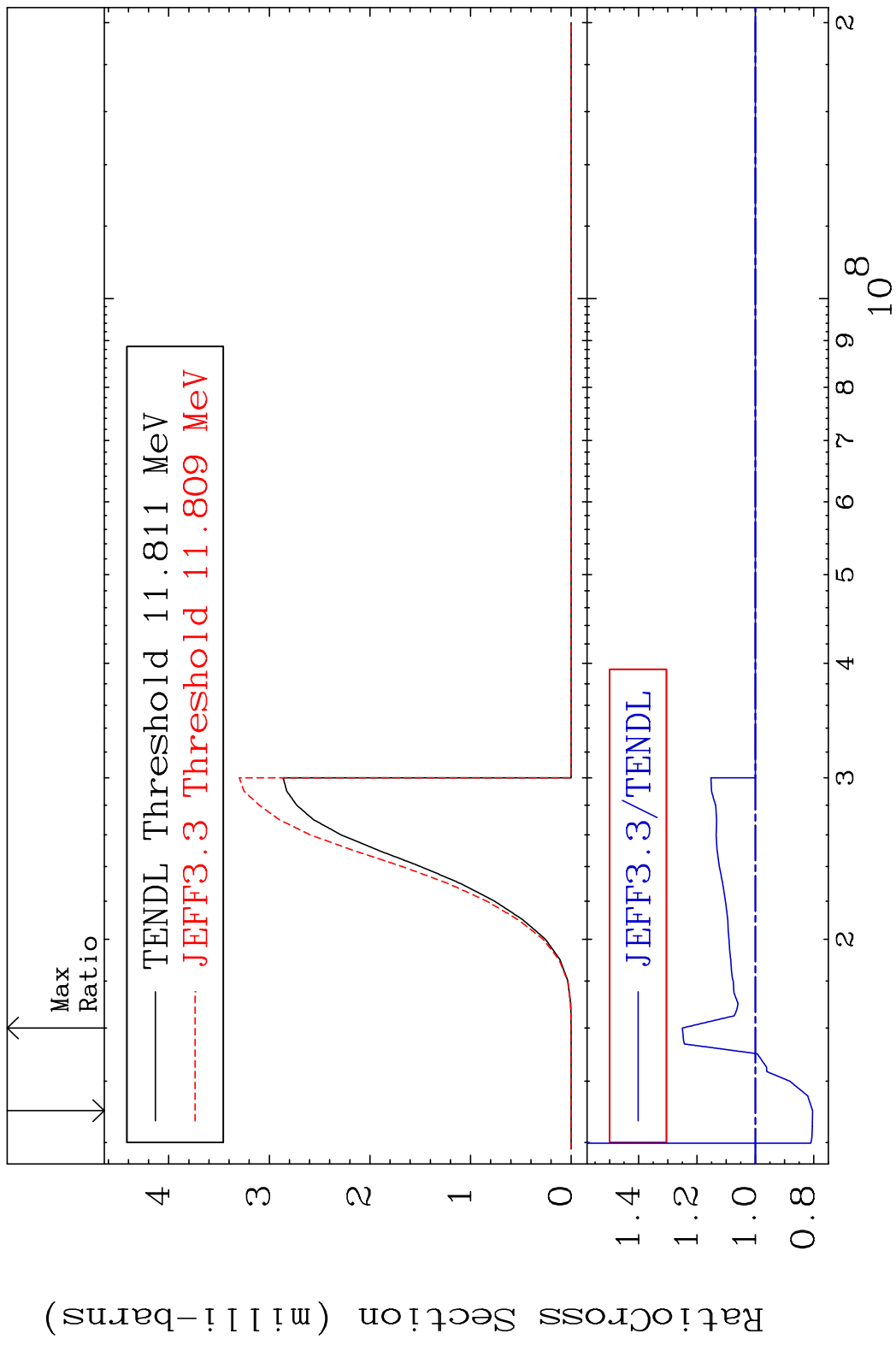


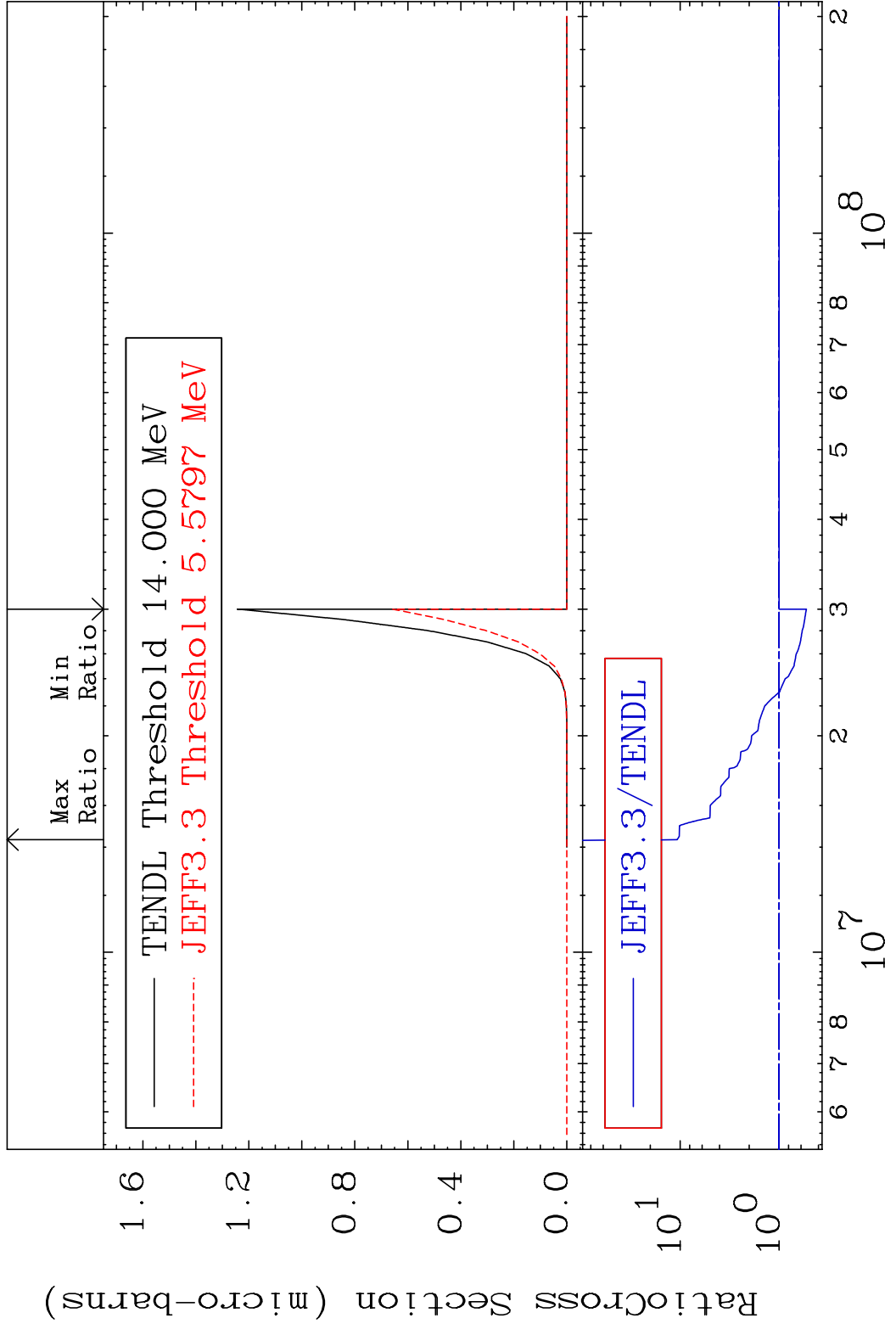
MAT 3637 (n, p): 35-Br-82m1 36-Kr-82
 Radionuclide Production Cross Section 0.000 %





MAT 3637 (n, t):35-Br-80m2 36-Kr-82
 Radionuclide Production Cross Section 1962 dth 25.03 %





MAT 3637 (n,2α):32-Ge-75m2 36-Kr-82
 Radionuclide Production Cross Section 3462. %

