

Program Complot
(Version 2021-1)

by

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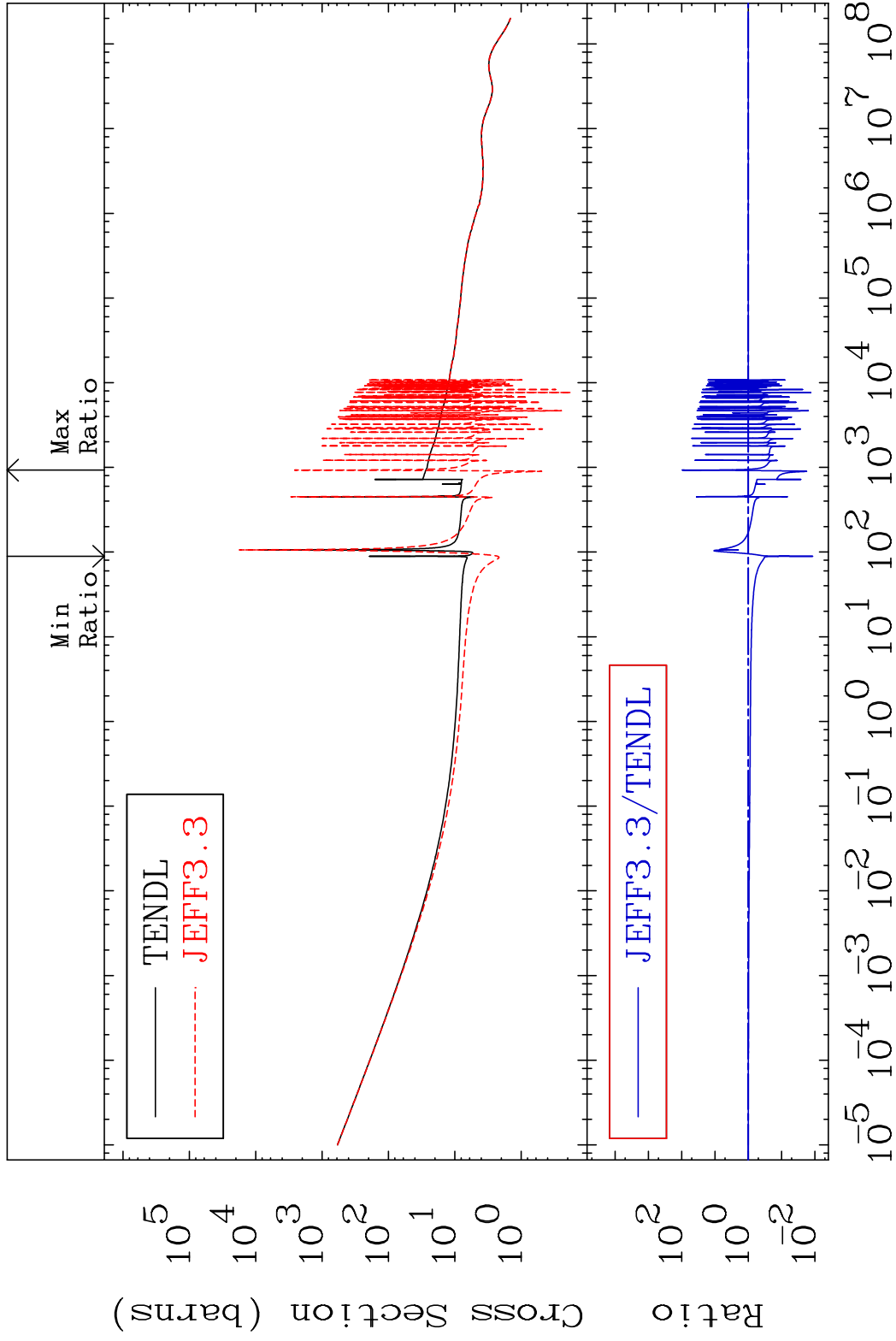
Press Mouse Button to Start

MAT 3631

Total

36-Kr-80

Cross Section -98.83 To 9492. %



1

Incident Energy (eV)

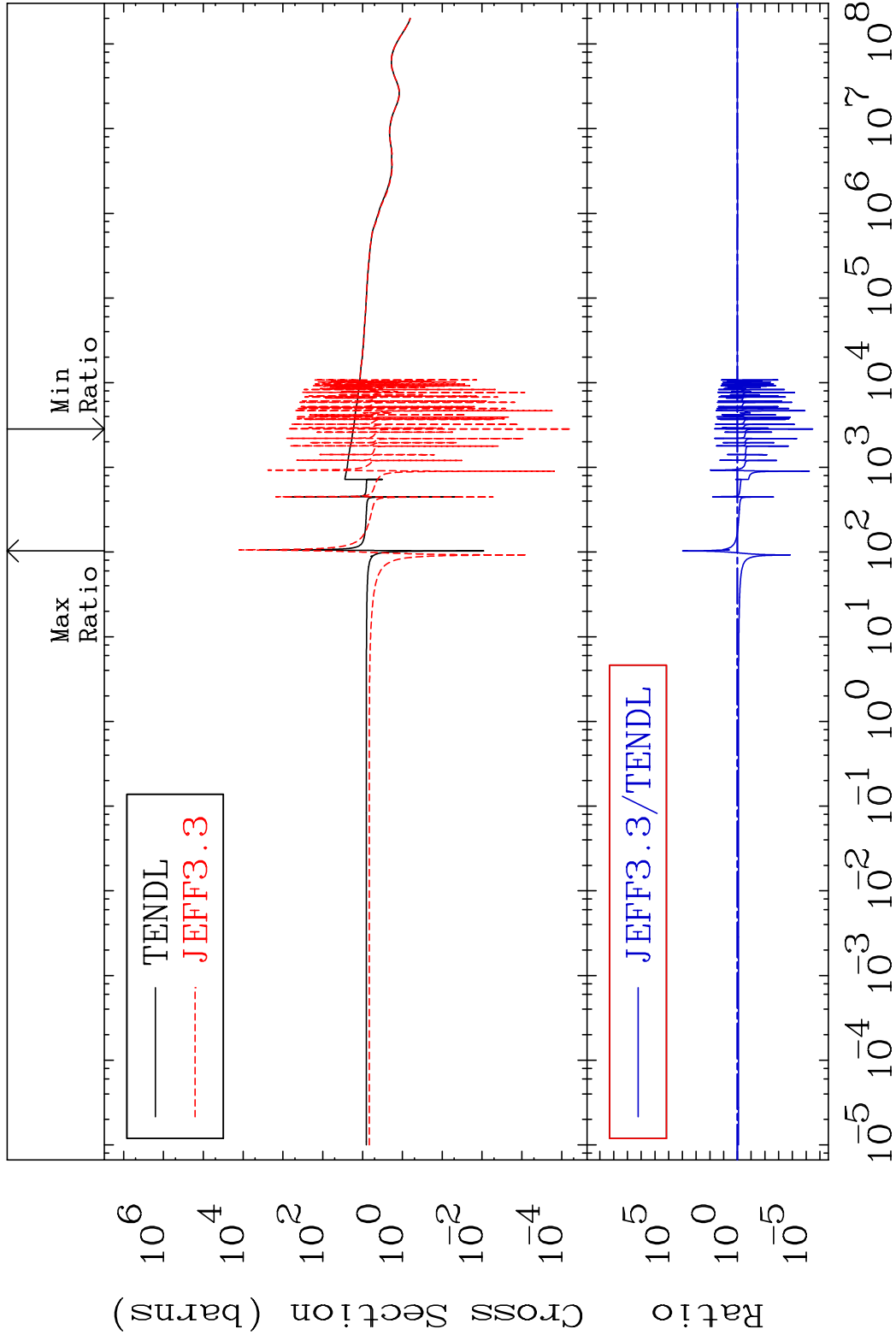
36-Kr-80

MAT 3631

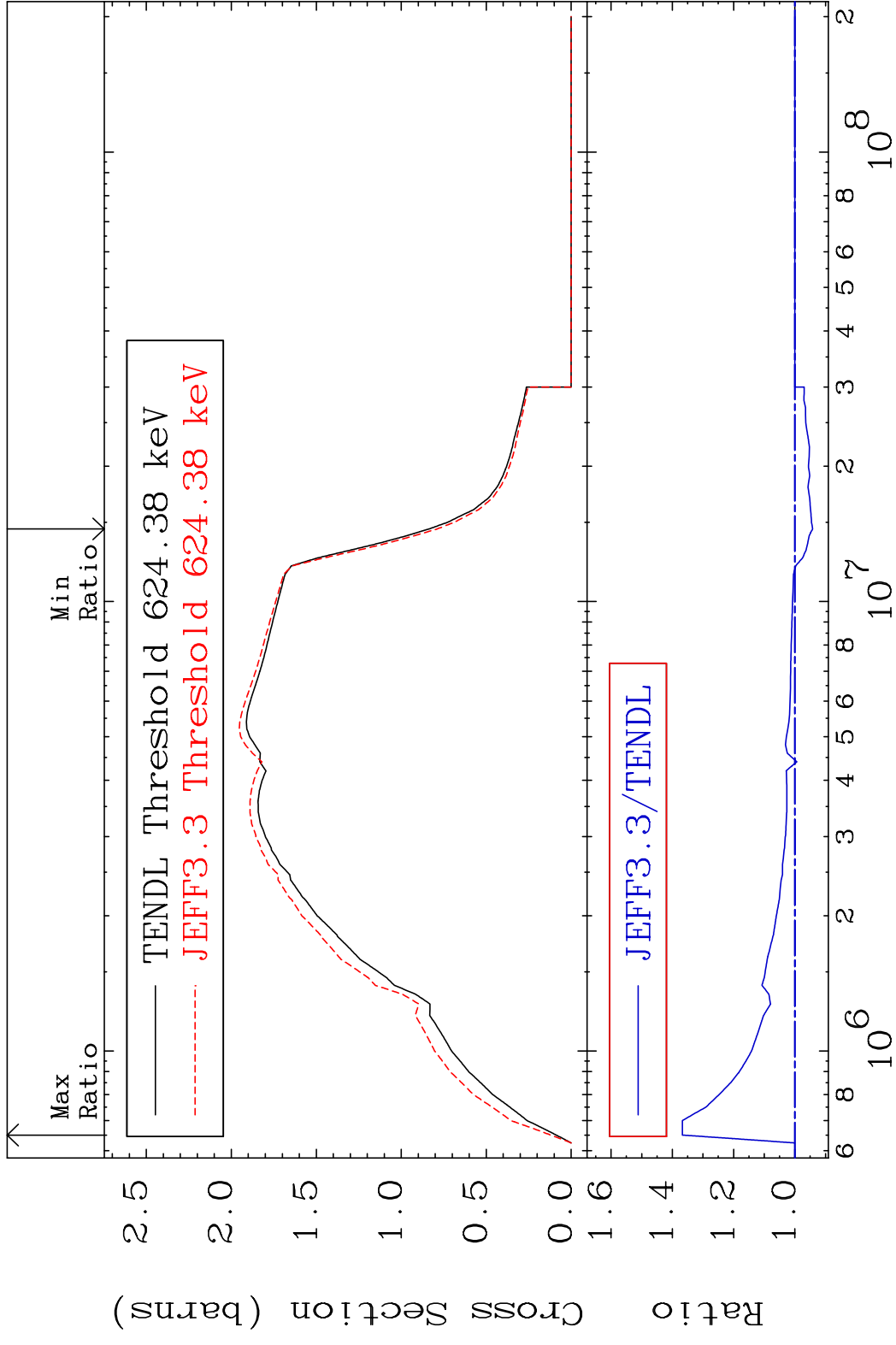
Elastic

36-Kr-80

Cross Section -100.0 To 9999. %

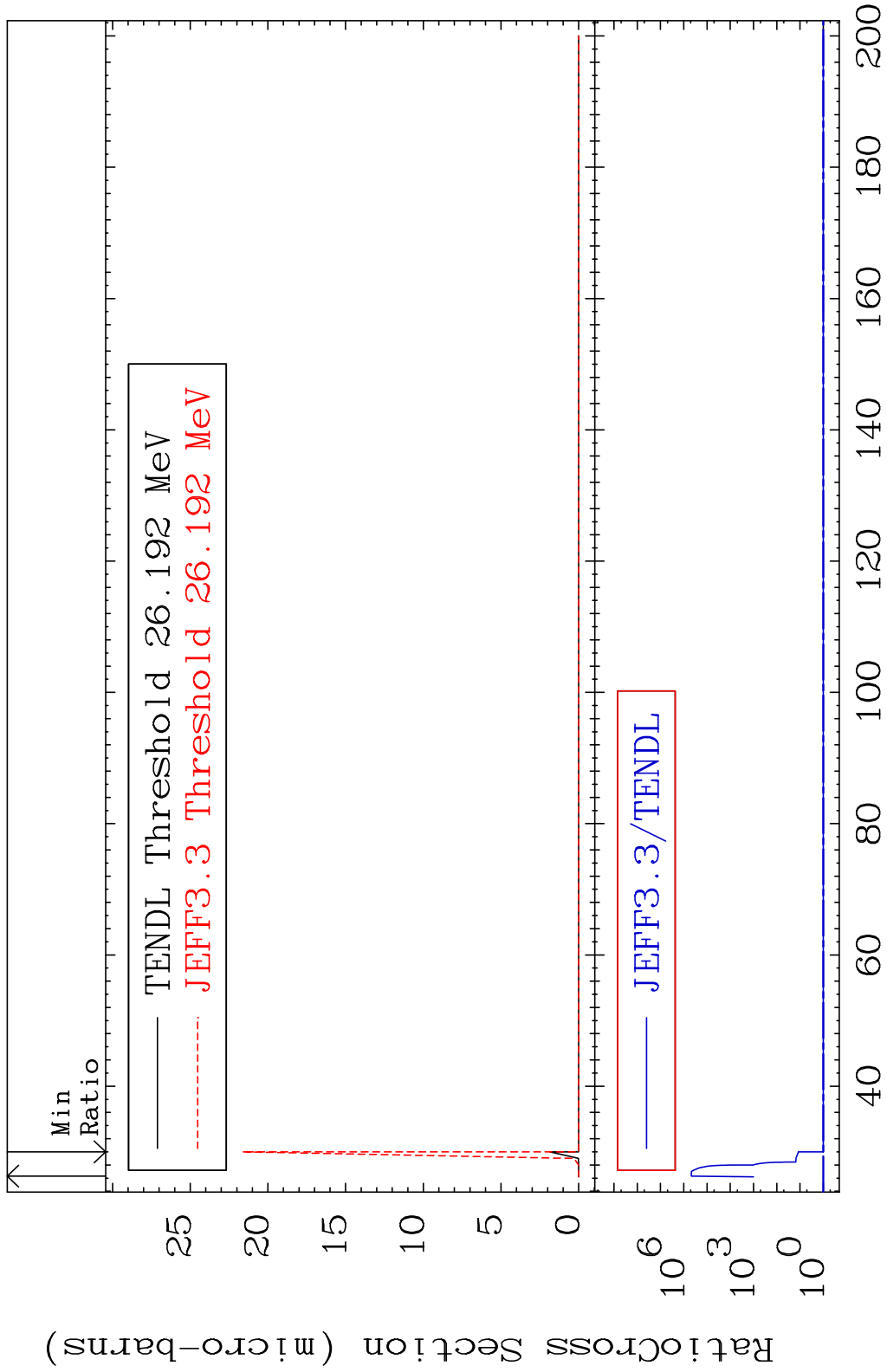


MAT 3631 Inelastic 36-Kr-80
 Cross Section -5.771 To 36.73 %



3 36-Kr-80

MAT 3631 (n,2n) d 36-Kr-80
 Cross Section 0.000 To 9999. %

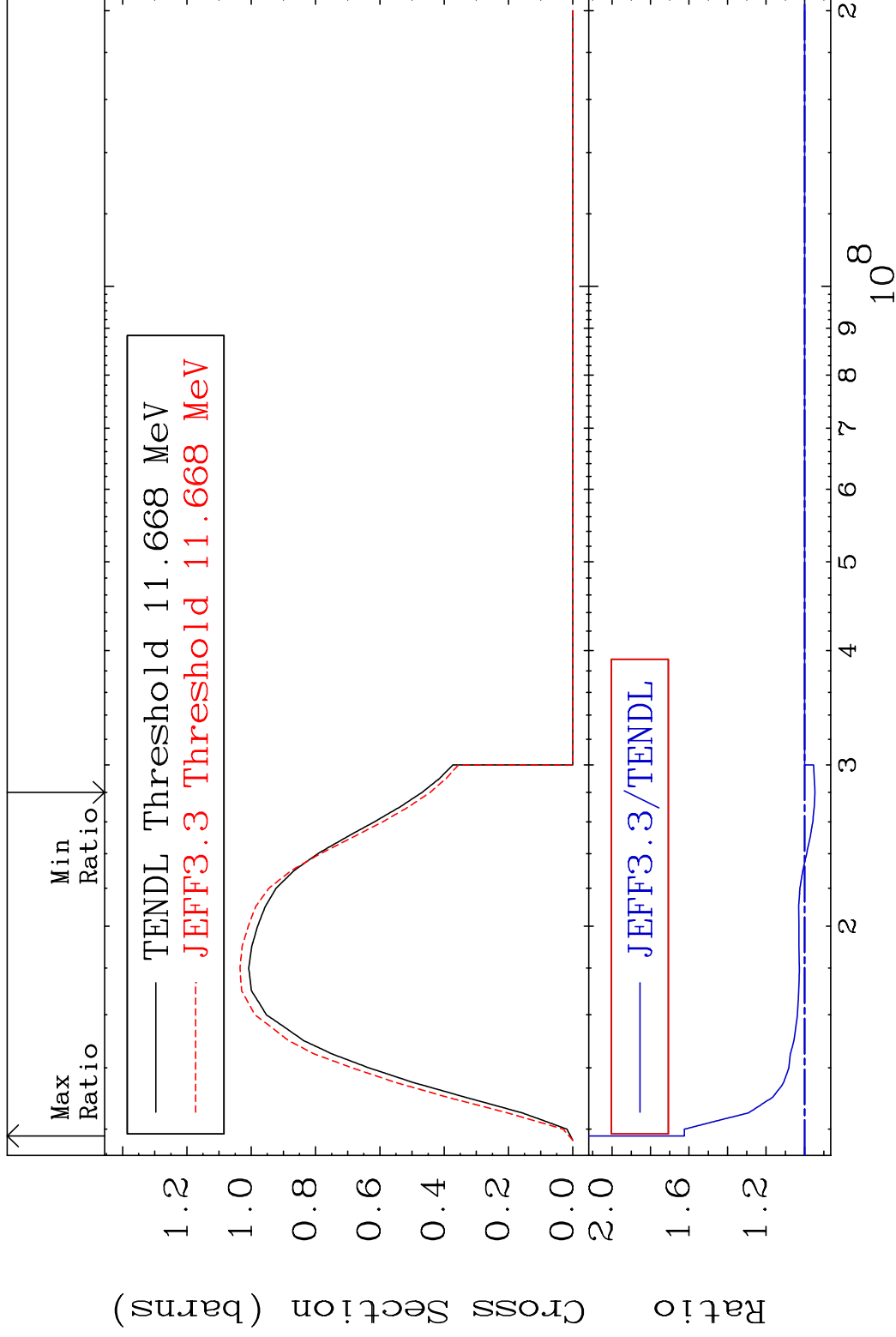


MAT 3631

(n,2n)

36-Kr-80

Cross Section -5.324 To 62.45 %

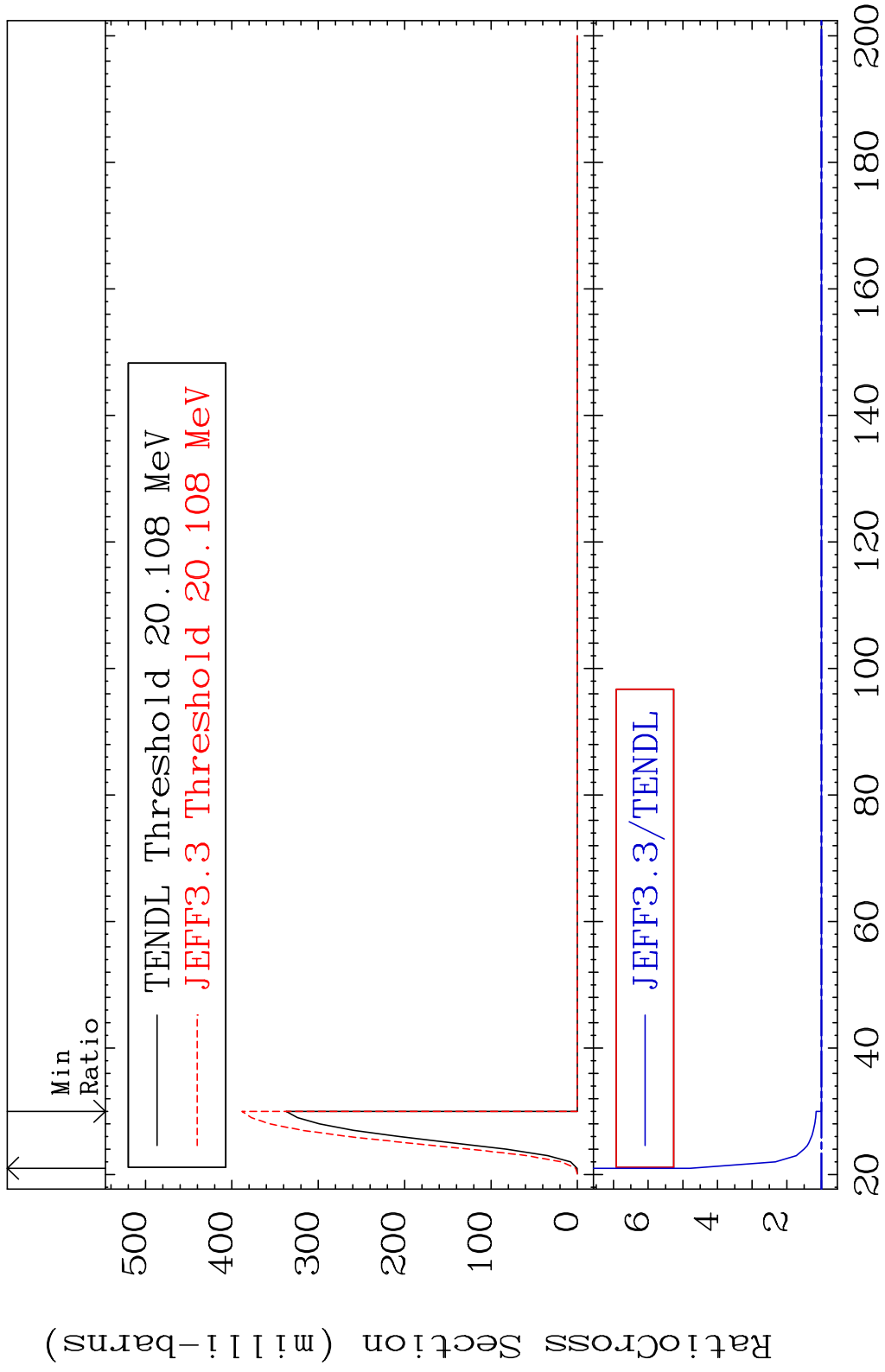


5

Incident Energy (eV)

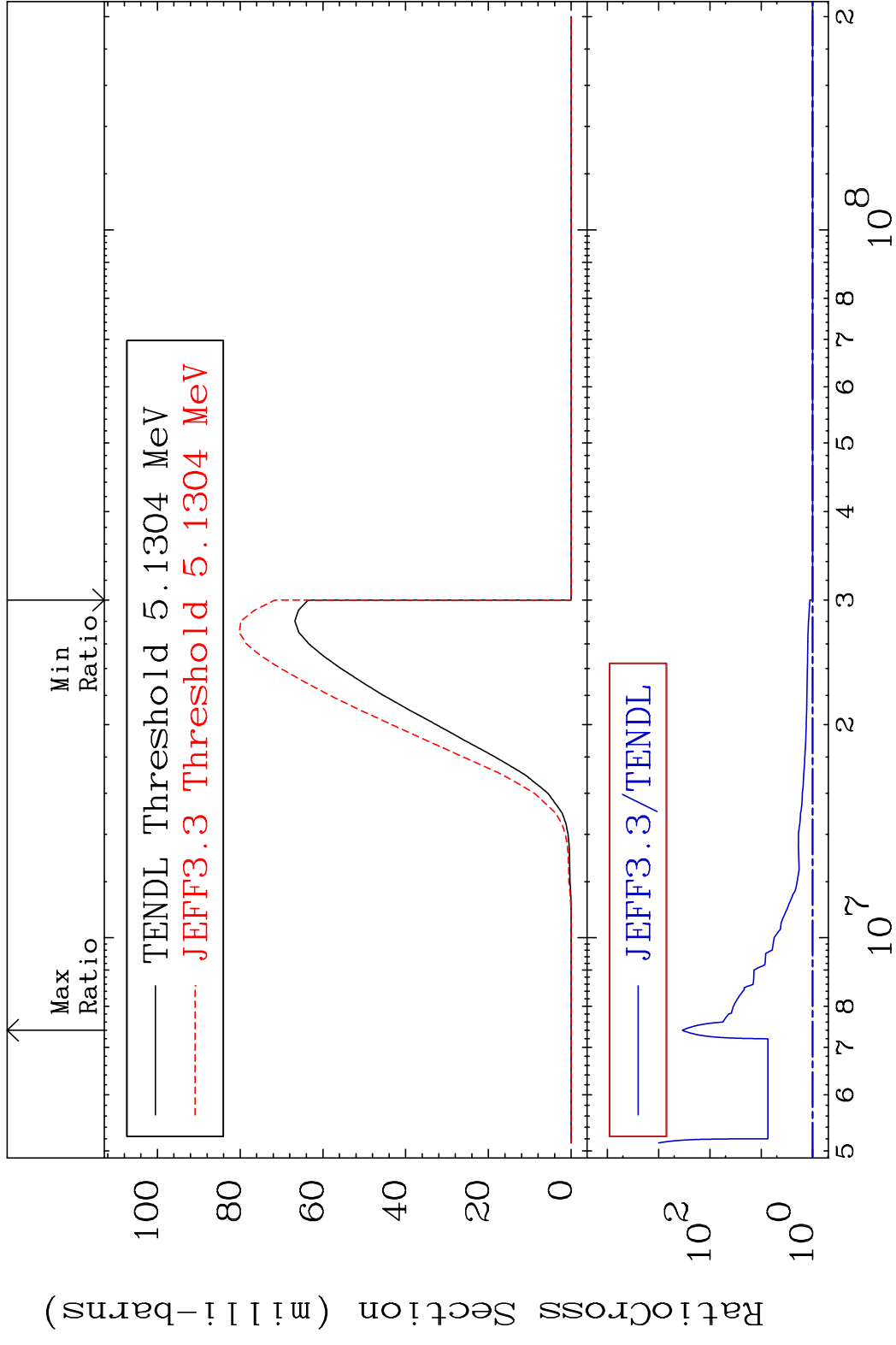
36-Kr-80

MAT 3631 (n,3n) 36-Kr-80
 Cross Section 0.000 To 379.9 %



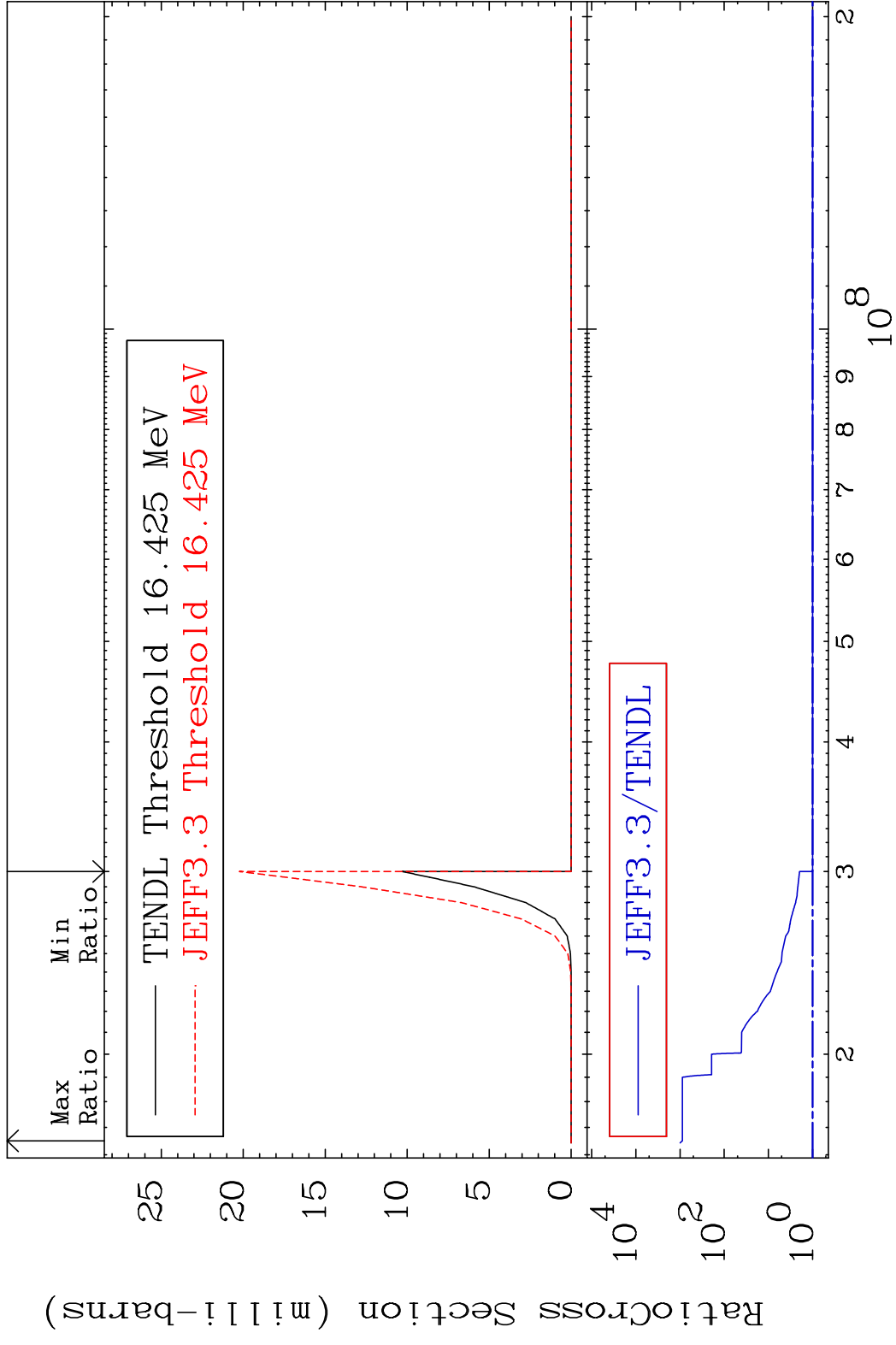
6 Incident Energy (MeV) 36-Kr-80

MAT 3631 $(n, n') \alpha$ 36-Kr-80
 Cross Section 0.000 To 9999. %



7 Incident Energy (eV) 36-Kr-80

MAT 3631 $(n, 2n) \alpha$ 36-Kr-80
 Cross Section 0.000 To 9999. %

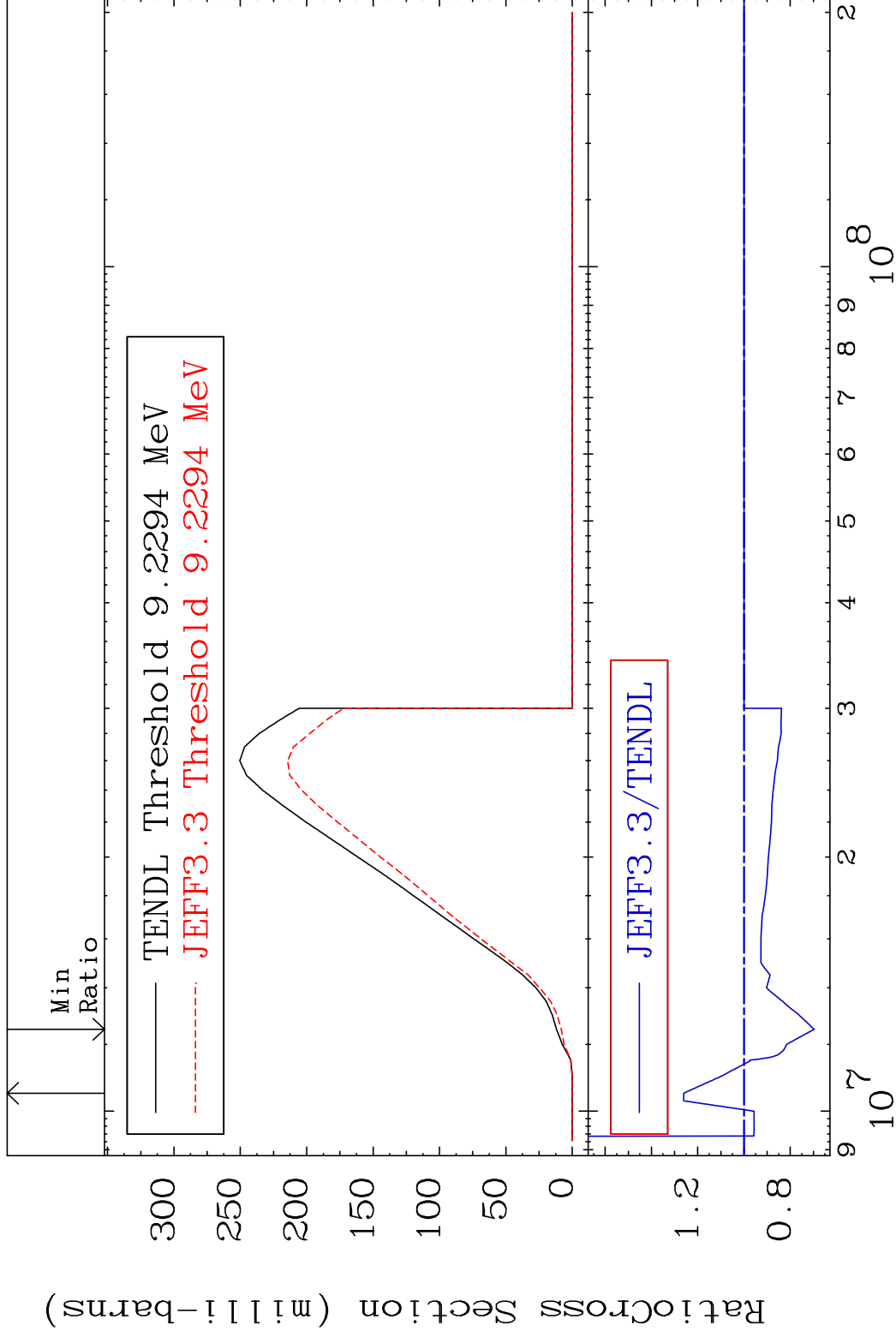


MAT 3631

(n, n') p

36-Kr-80

Cross Section -30.30 To 26.07 %

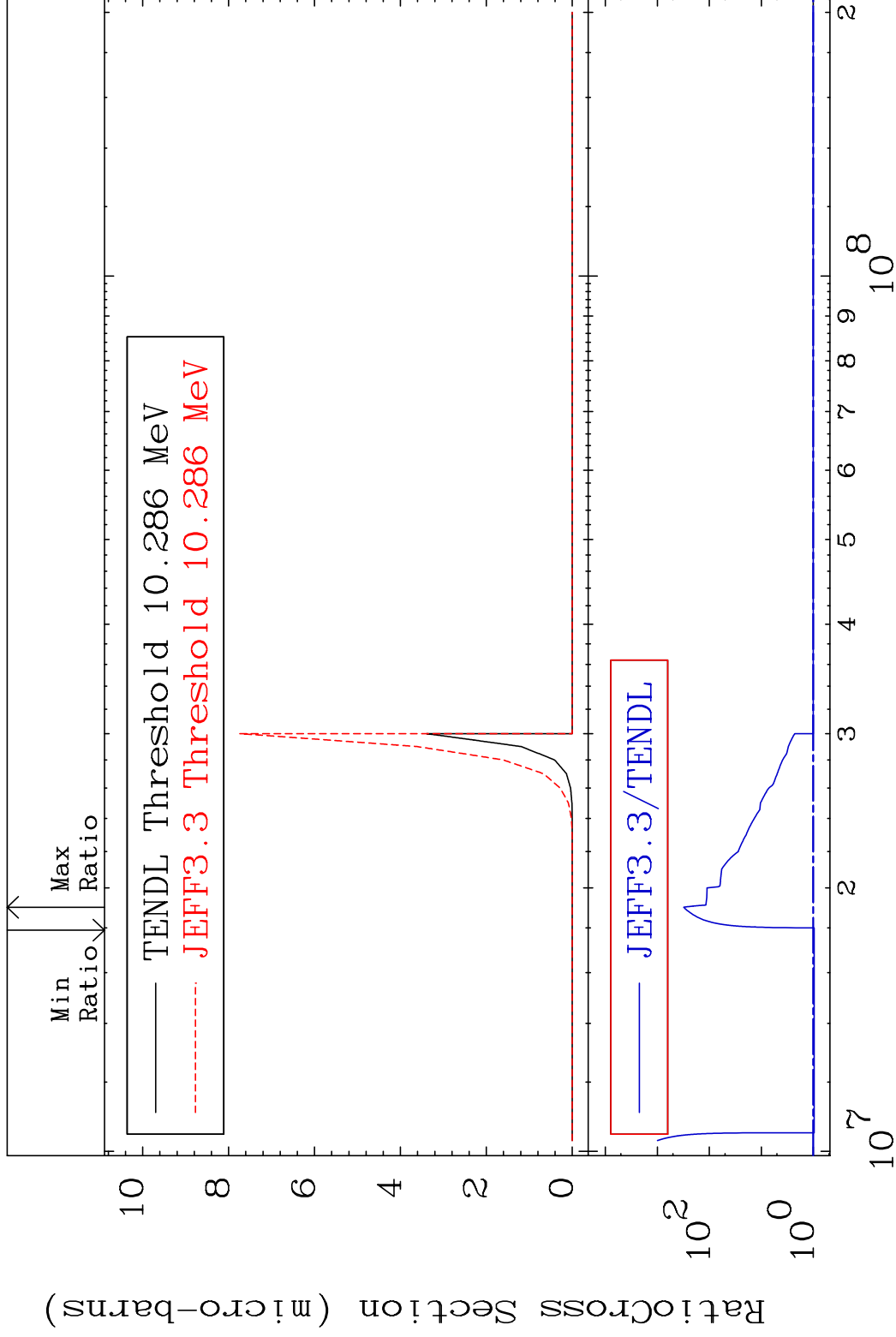


MAT 3631

(n, n') 2 α

36-Kr-80

Cross Section -3.476 To 9999. %

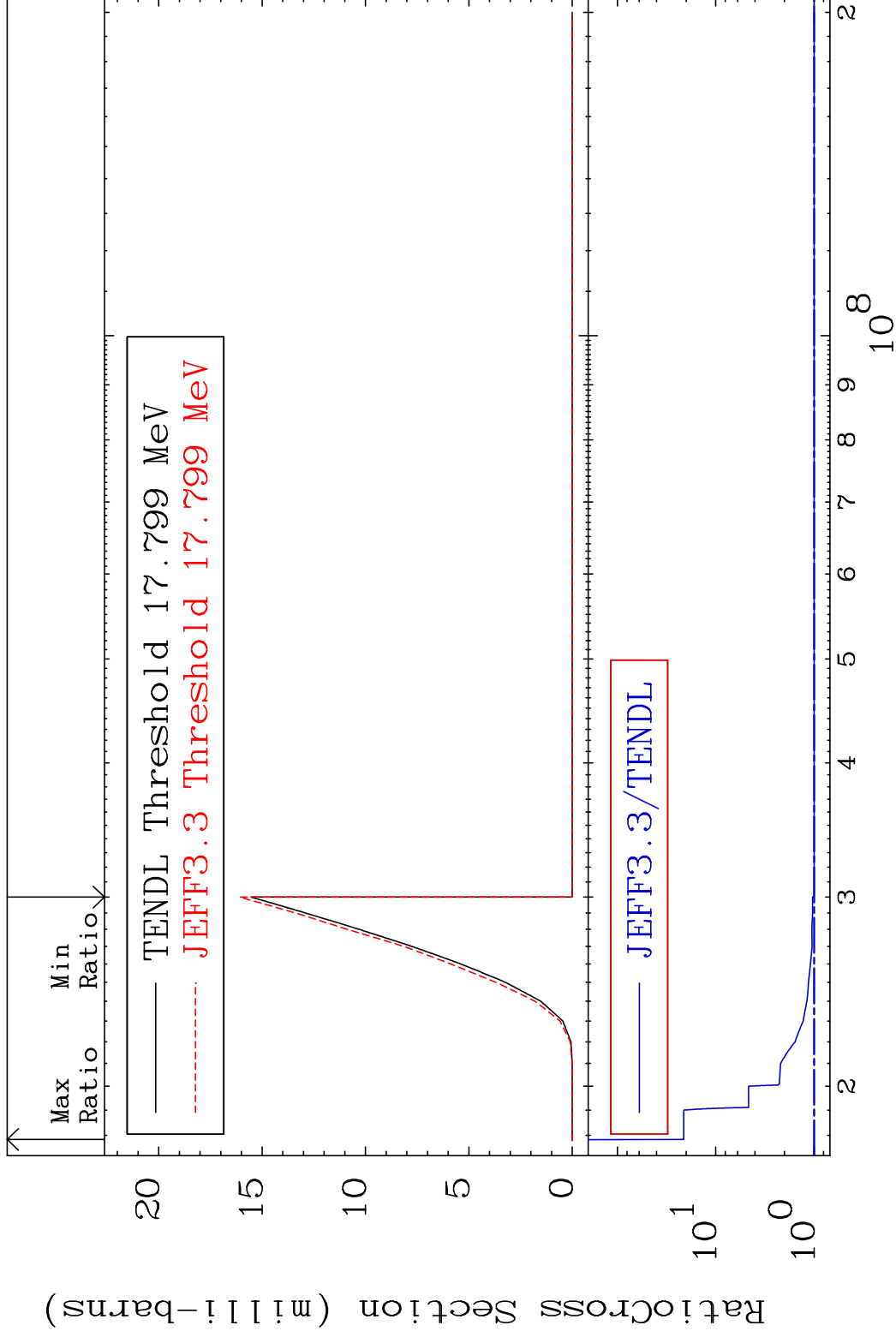


MAT 3631

(n, n') d

36-Kr-80

Cross Section 0.000 To 2021. %

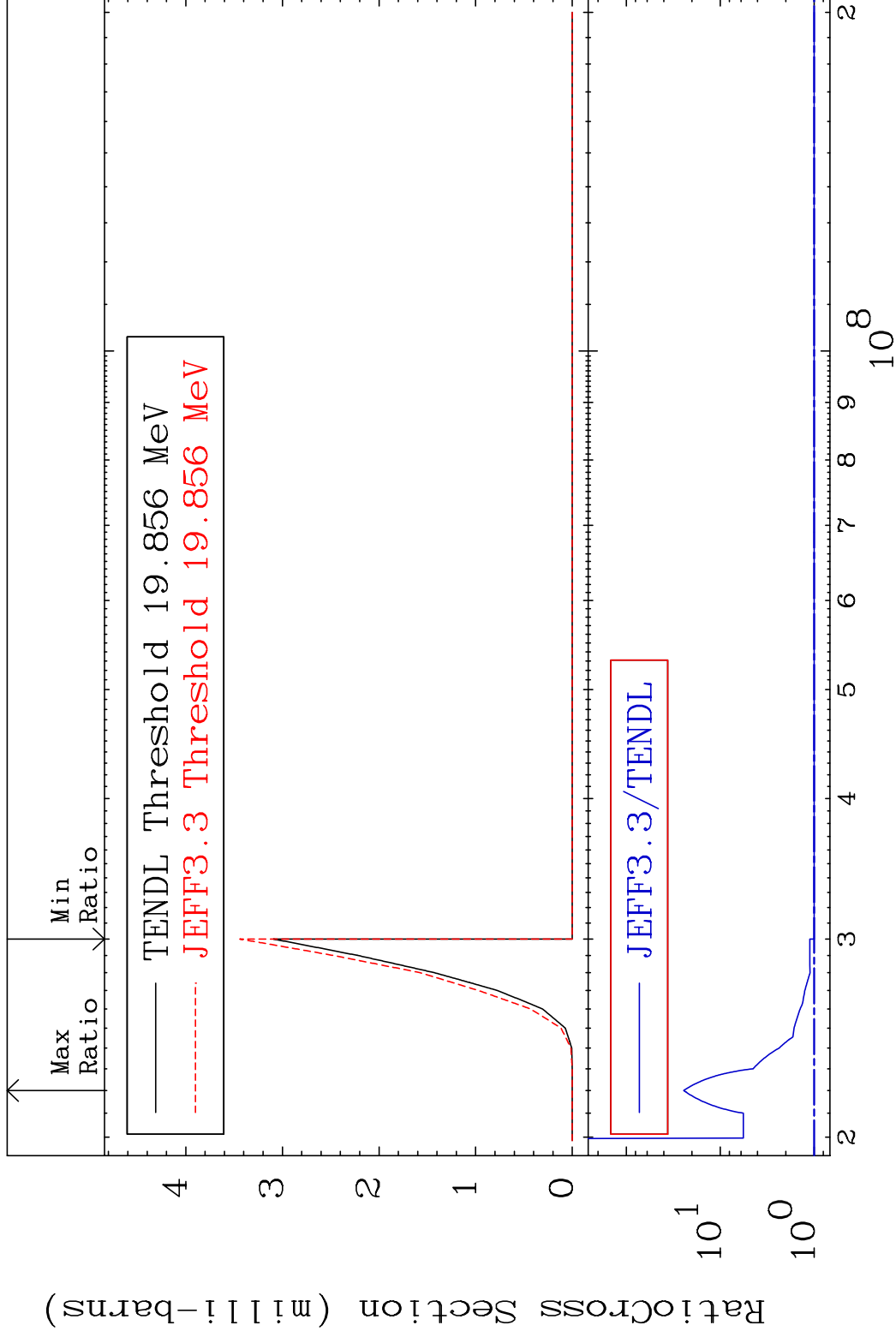


MAT 3631

(n, n') t

36-Kr-80

Cross Section 0.000 To 2352. %



12

Incident Energy (eV)

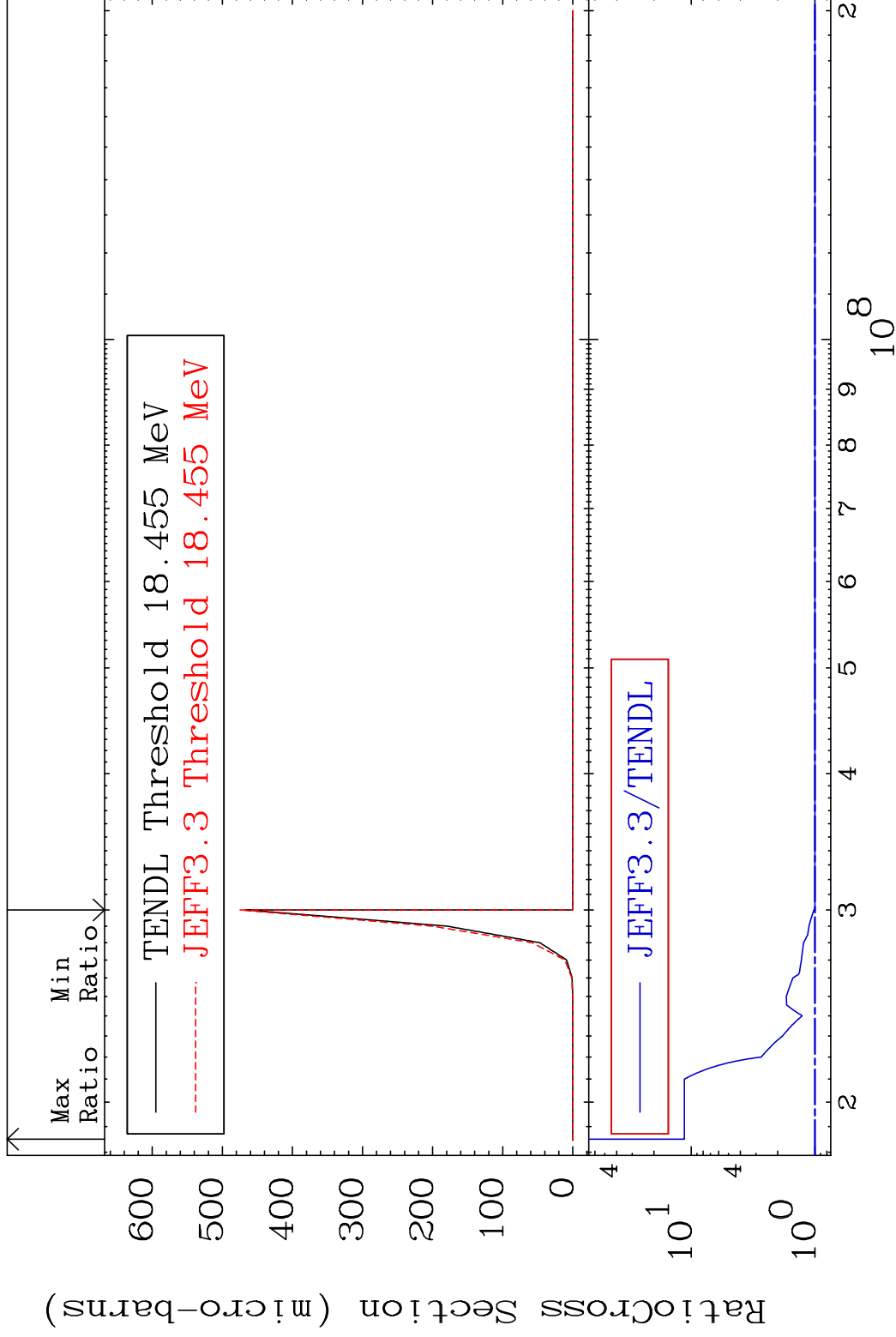
36-Kr-80

MAT 3631

(n,n') He-3

36-Kr-80

Cross Section 0.000 To 1036. %

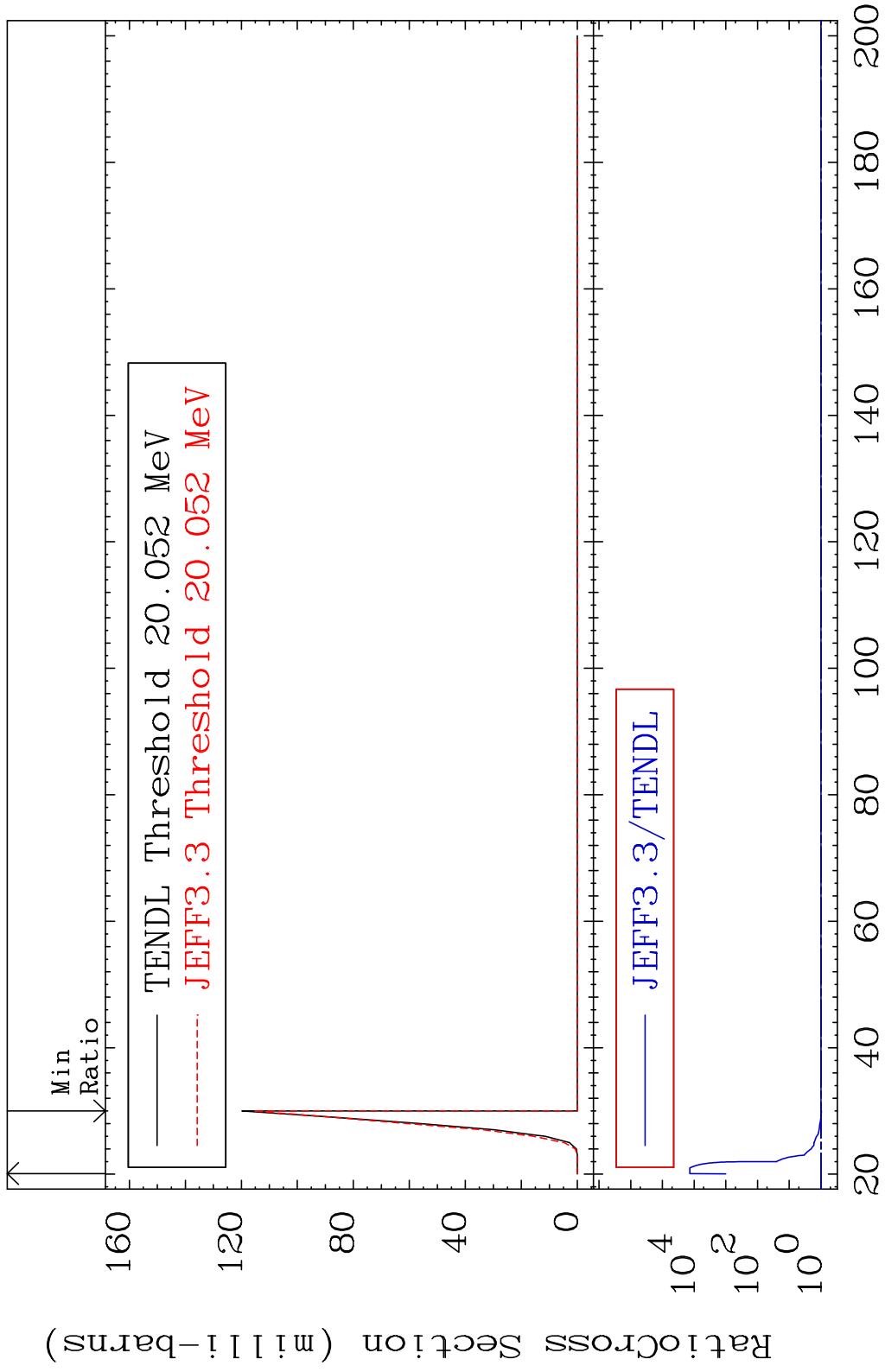


MAT 3631

(n,2n) p

36-Kr-80

Cross Section -3.350 To 9999. %



14

Incident Energy (MeV)

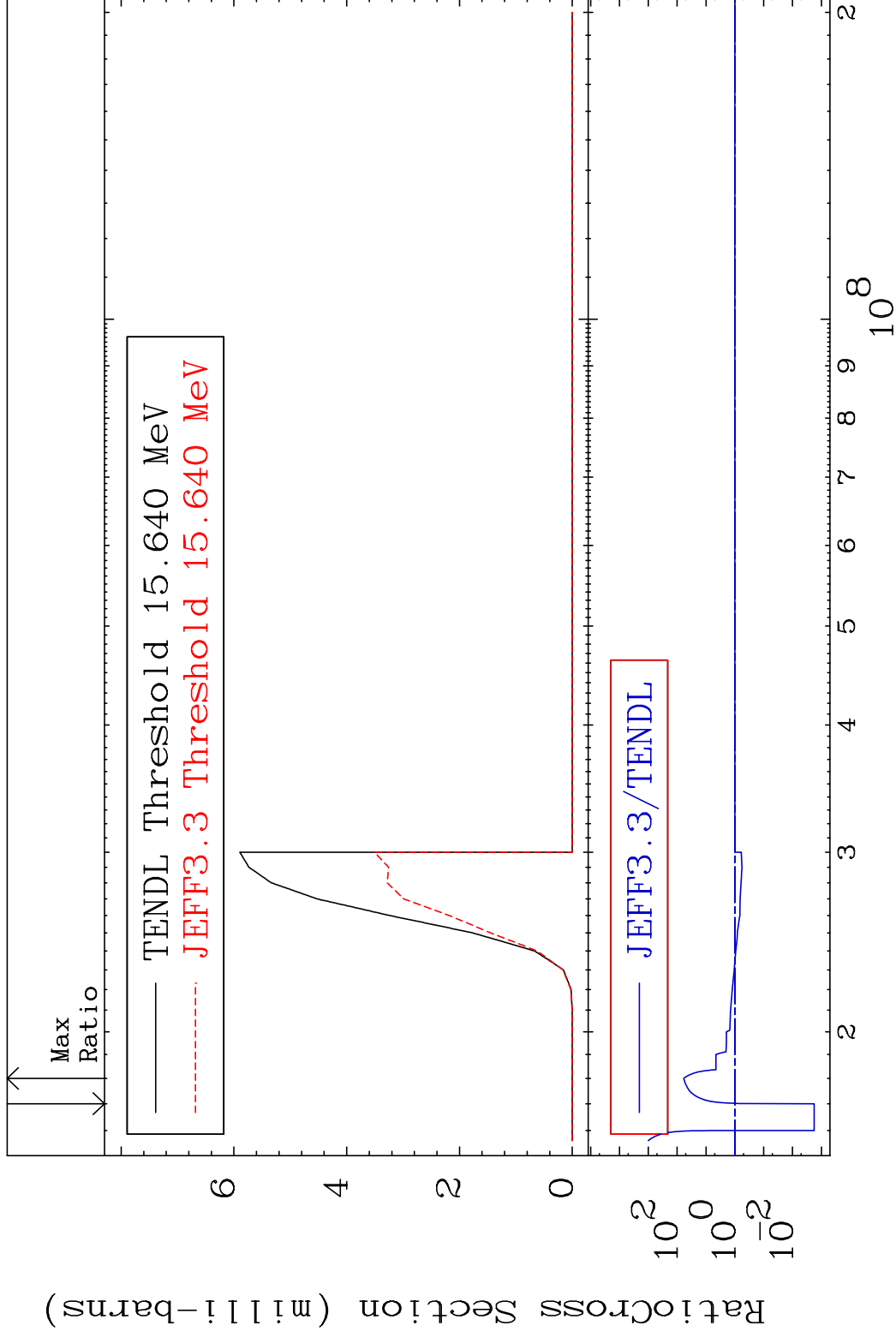
36-Kr-80

MAT 3631

(n,2n) p

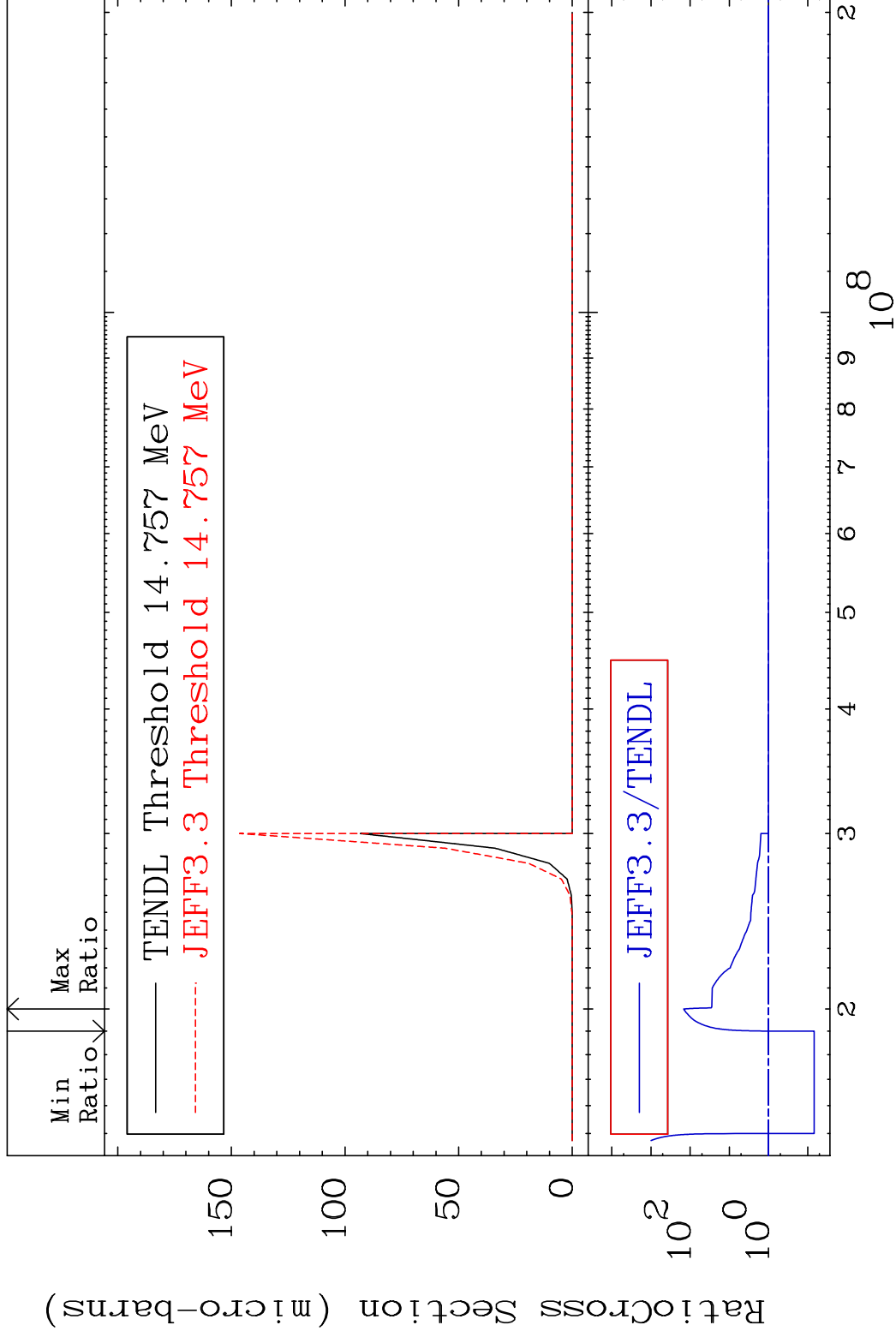
36-Kr-80

Cross Section -99.82 To 5860. %



MAT 3631

(n,n') p α 36-Kr-80
Cross Section -93.13 To 9999. %

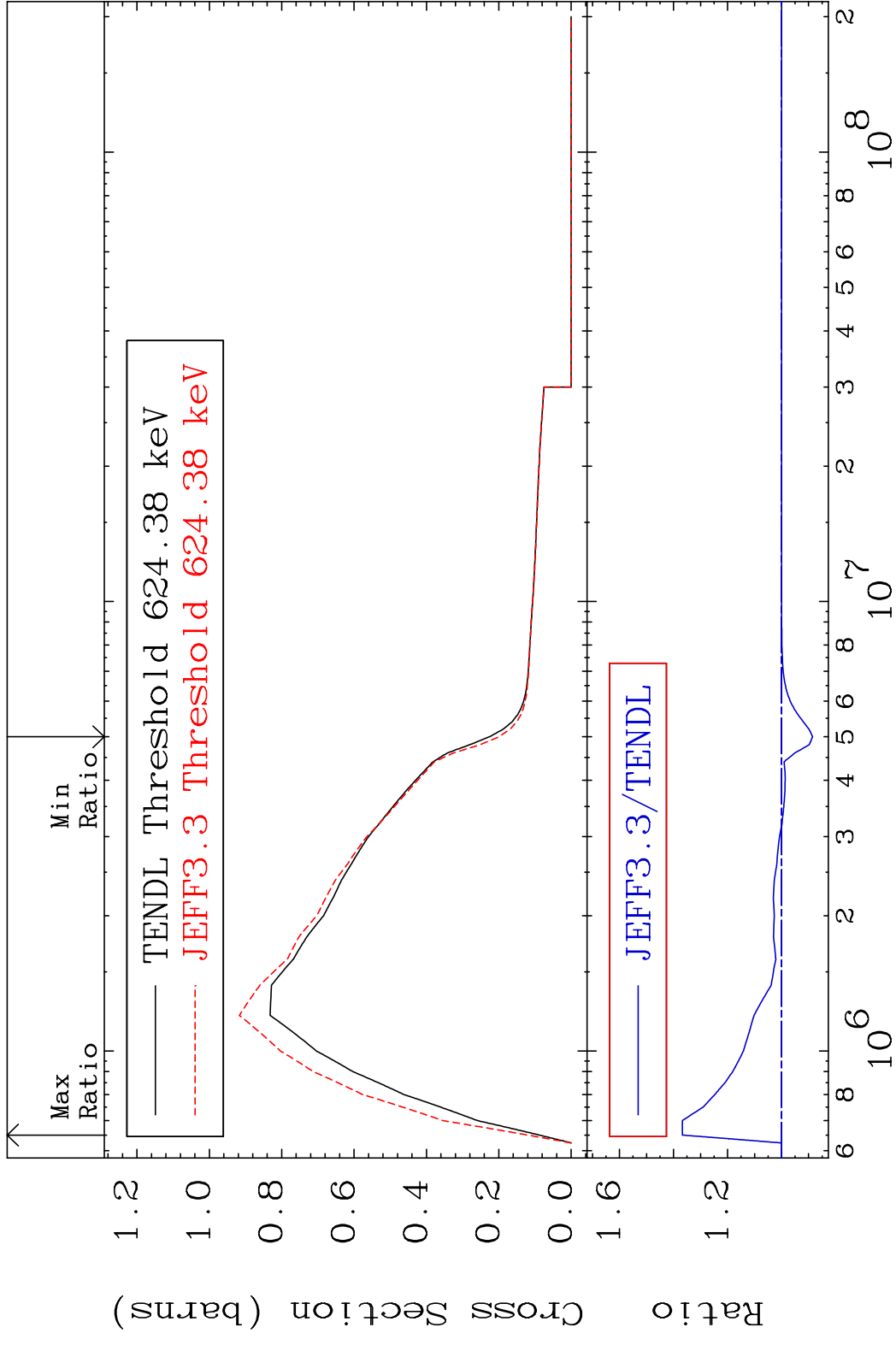


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Incident Energy (eV)

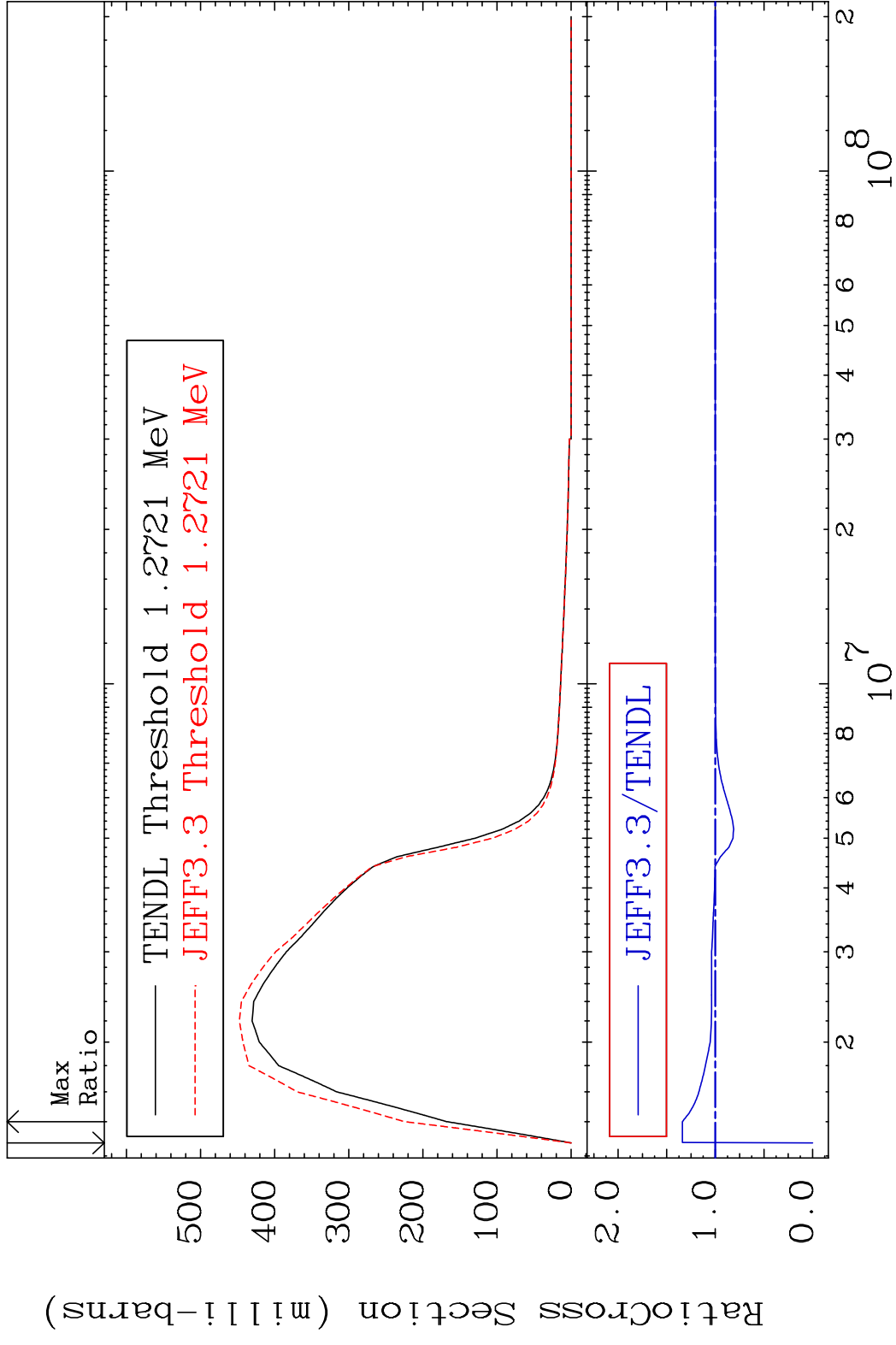
36-Kr-80

MAT 3631 MT= 51 (n, n') Level 36-Kr-80
 Cross Section -11.46 To 36.73 %

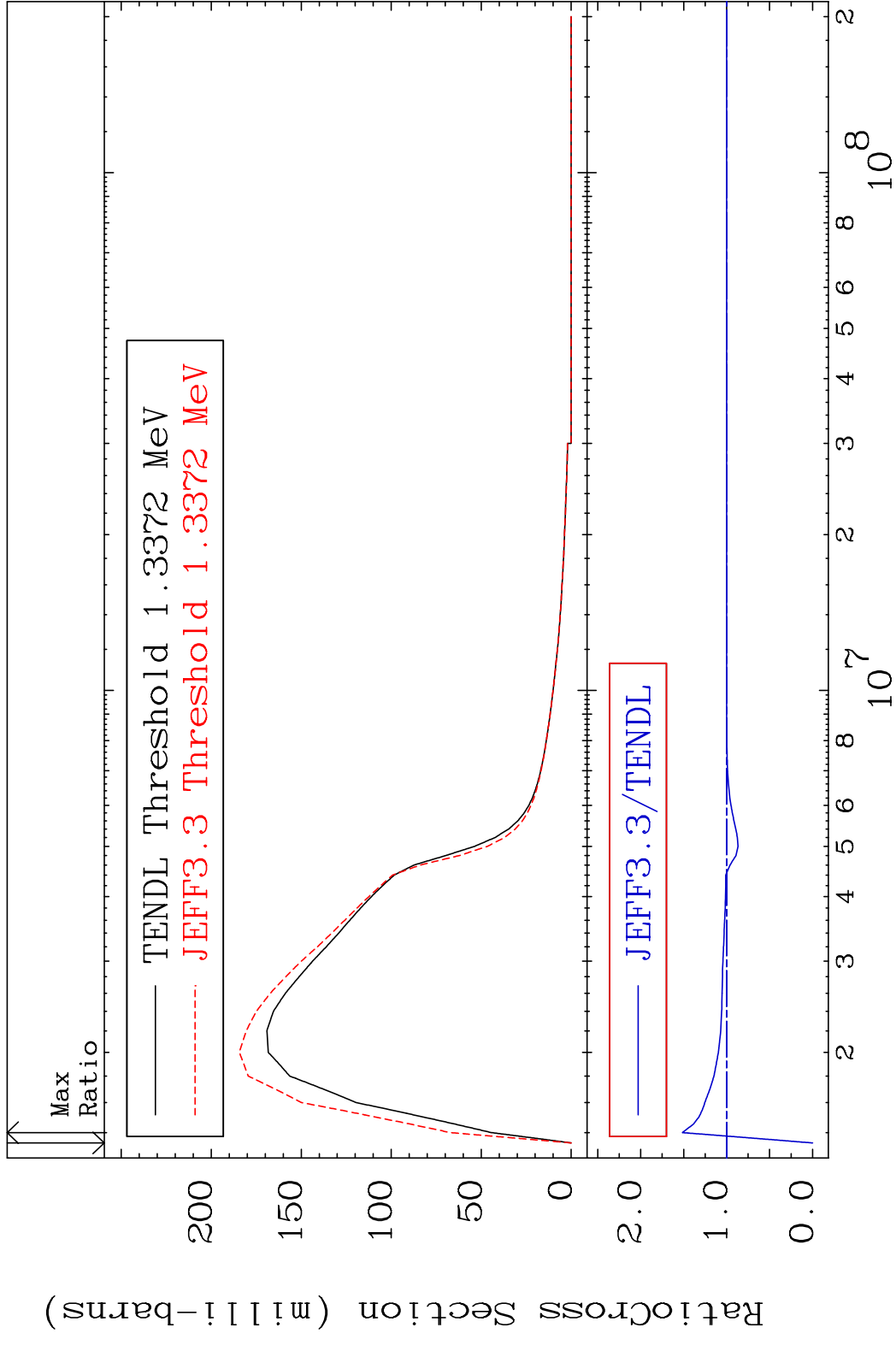


17 Incident Energy (eV) 36-Kr-80

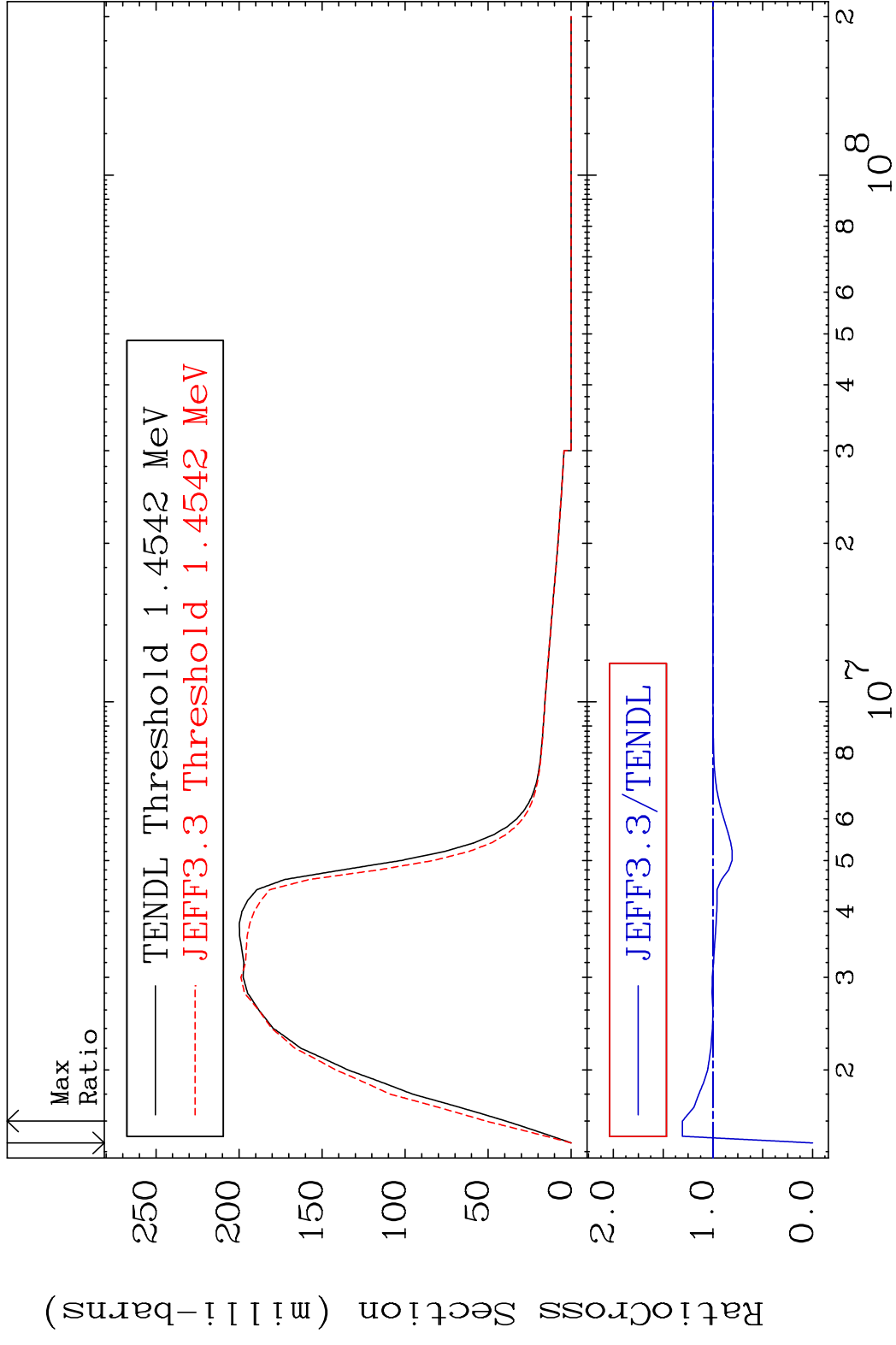
MAT 3631 MT= 52 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 33.92 %



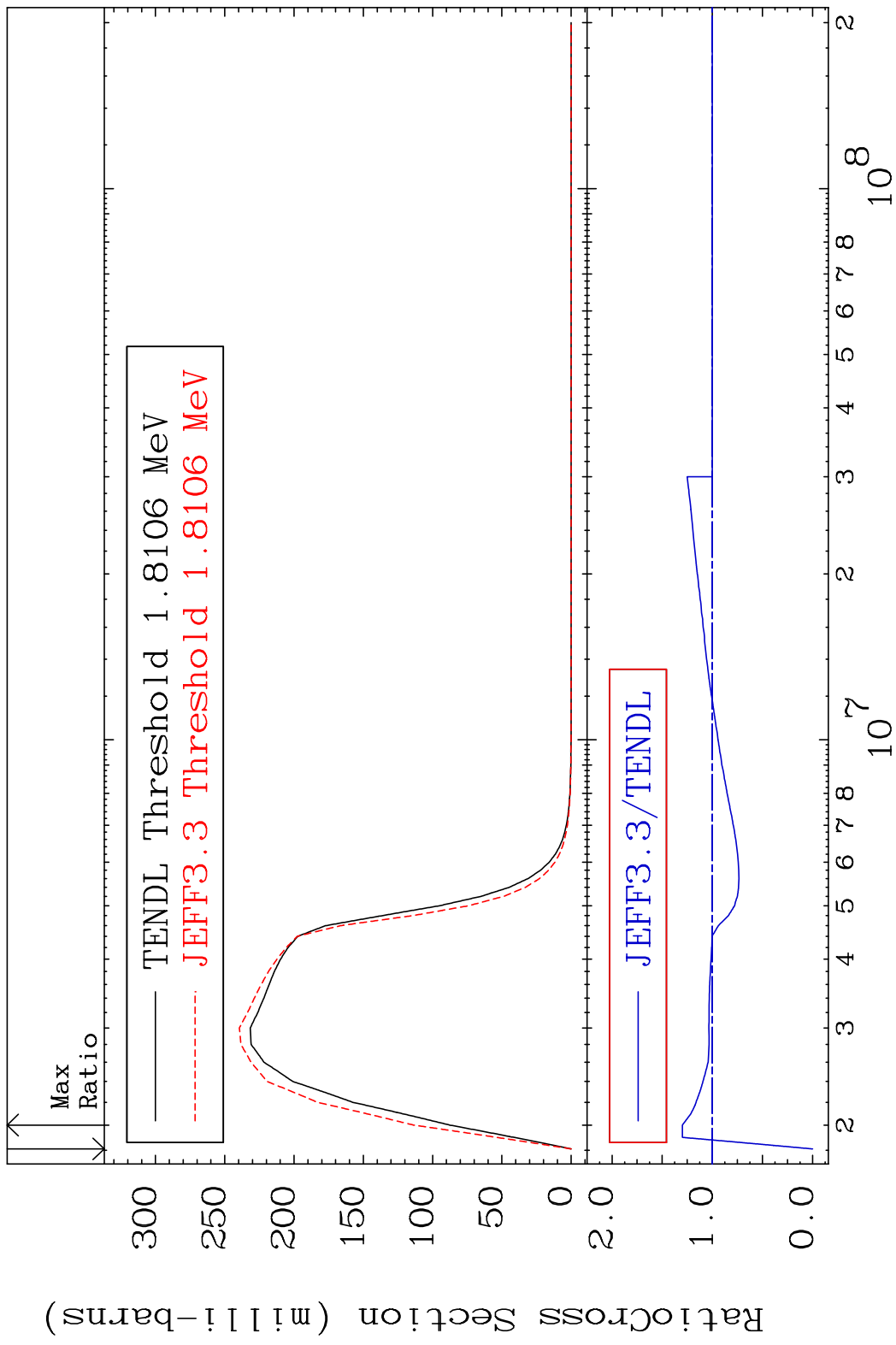
MAT 3631 MT= 53 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 51.52 %



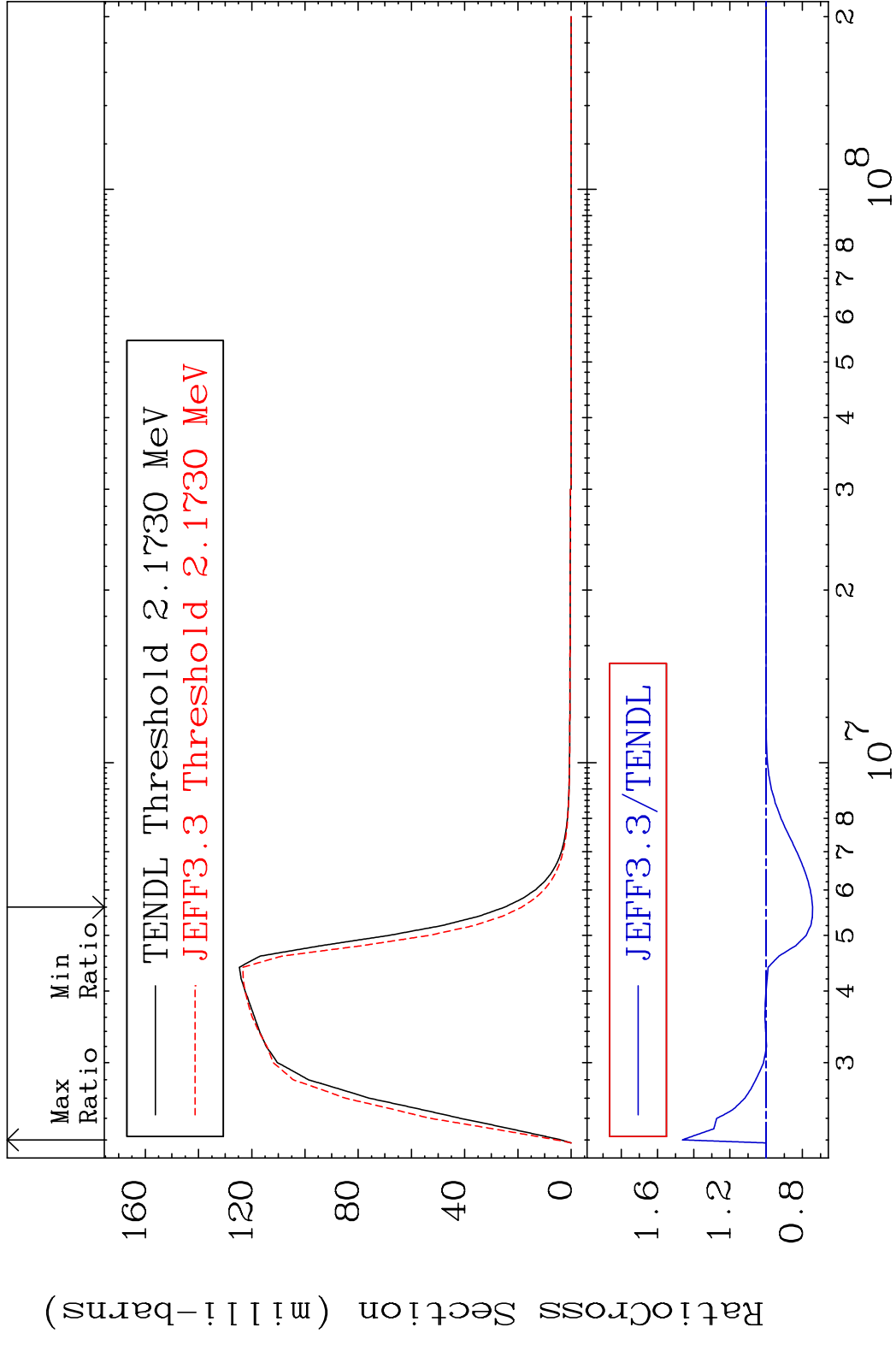
MAT 3631 MT= 54 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 30.75 %



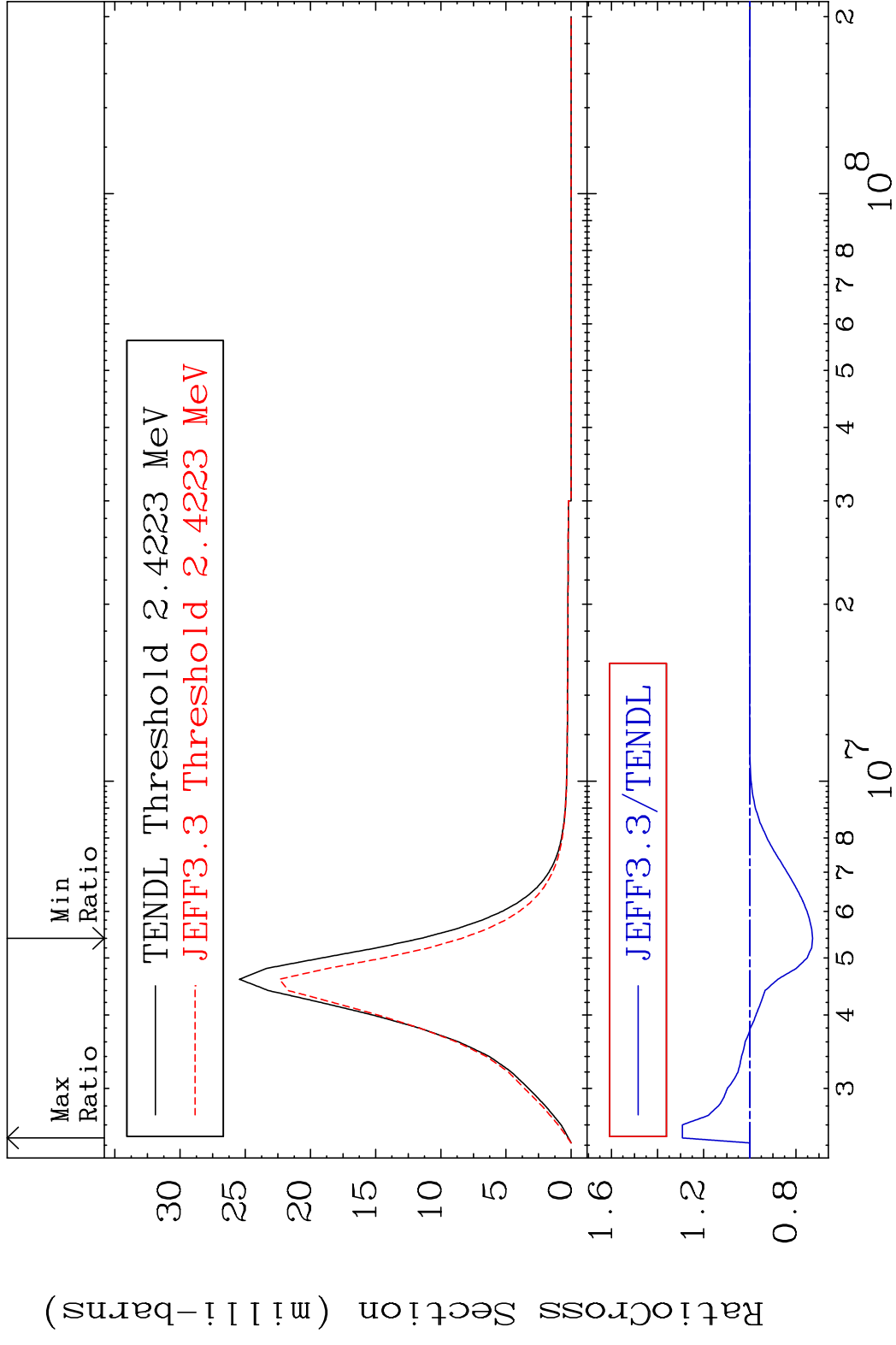
MAT 3631 MT= 55 (n,n') Level 36-Kr-80
 Cross Section -100.0 To 29.87 %



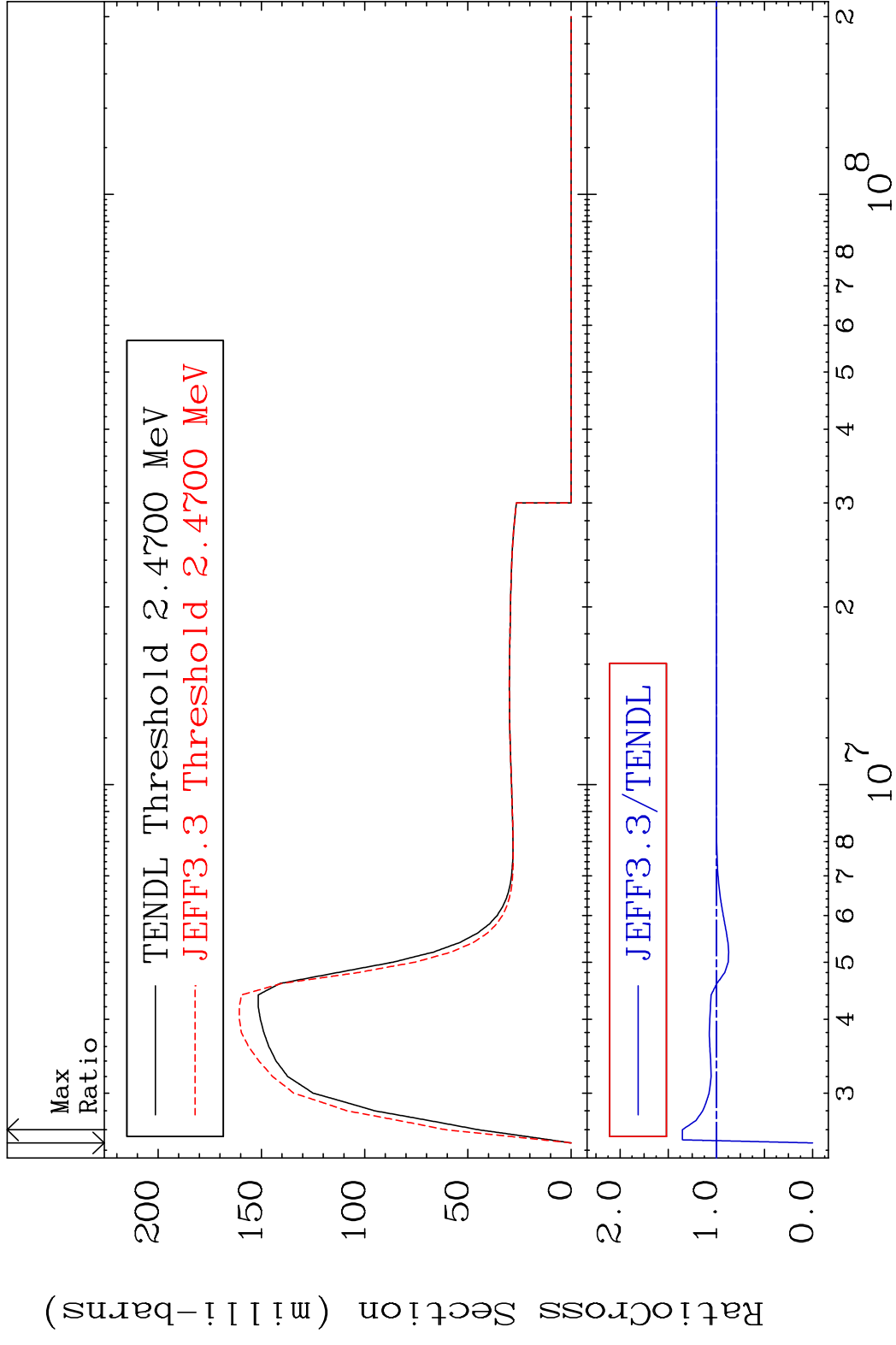
MAT 3631 MT= 56 (n, n') Level 36-Kr-80
 Cross Section -25.61 To 46.27 %



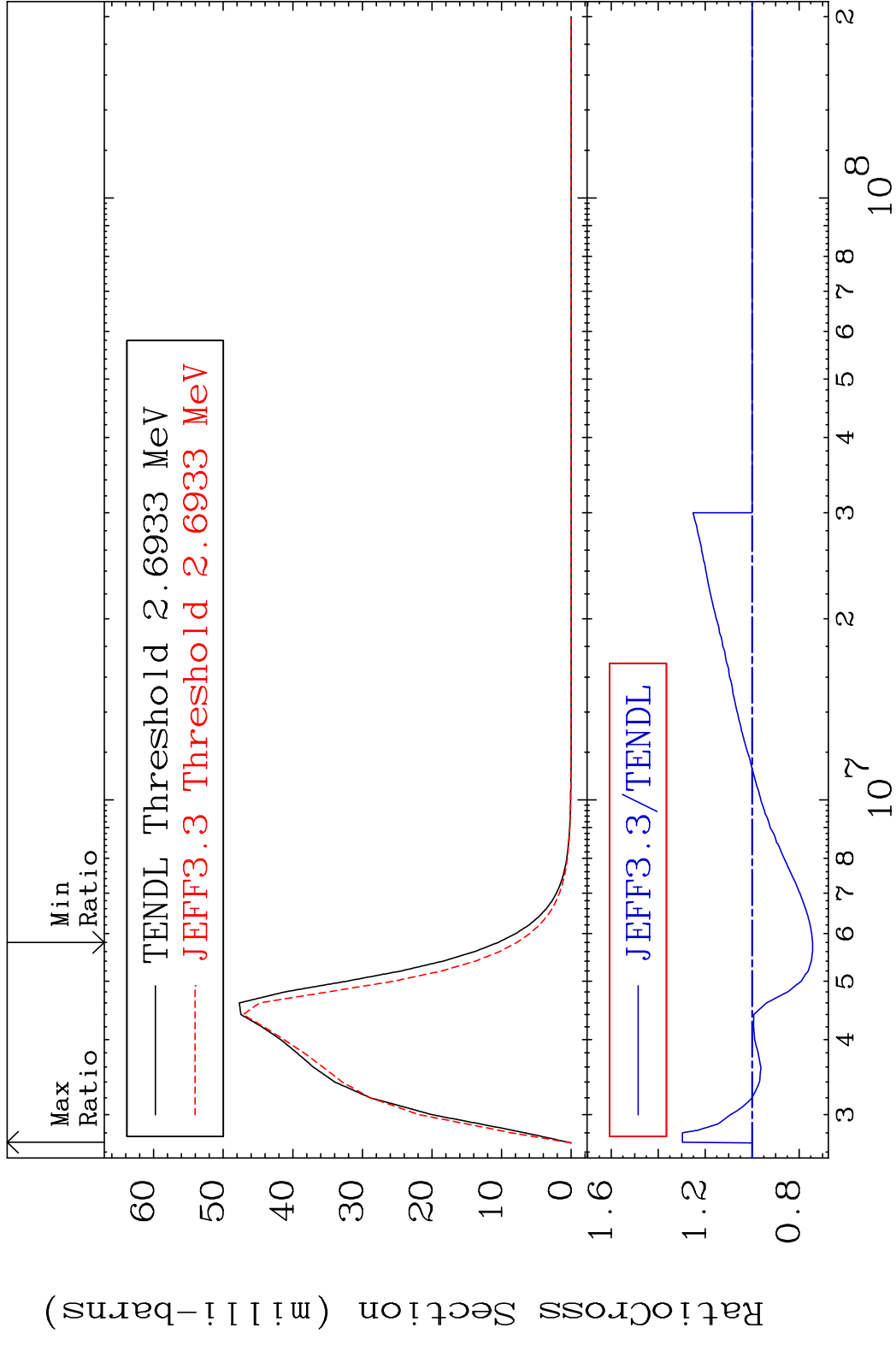
MAT 3631 MT= 57 (n, n') Level 36-Kr-80
 Cross Section -27.18 To 29.25 %



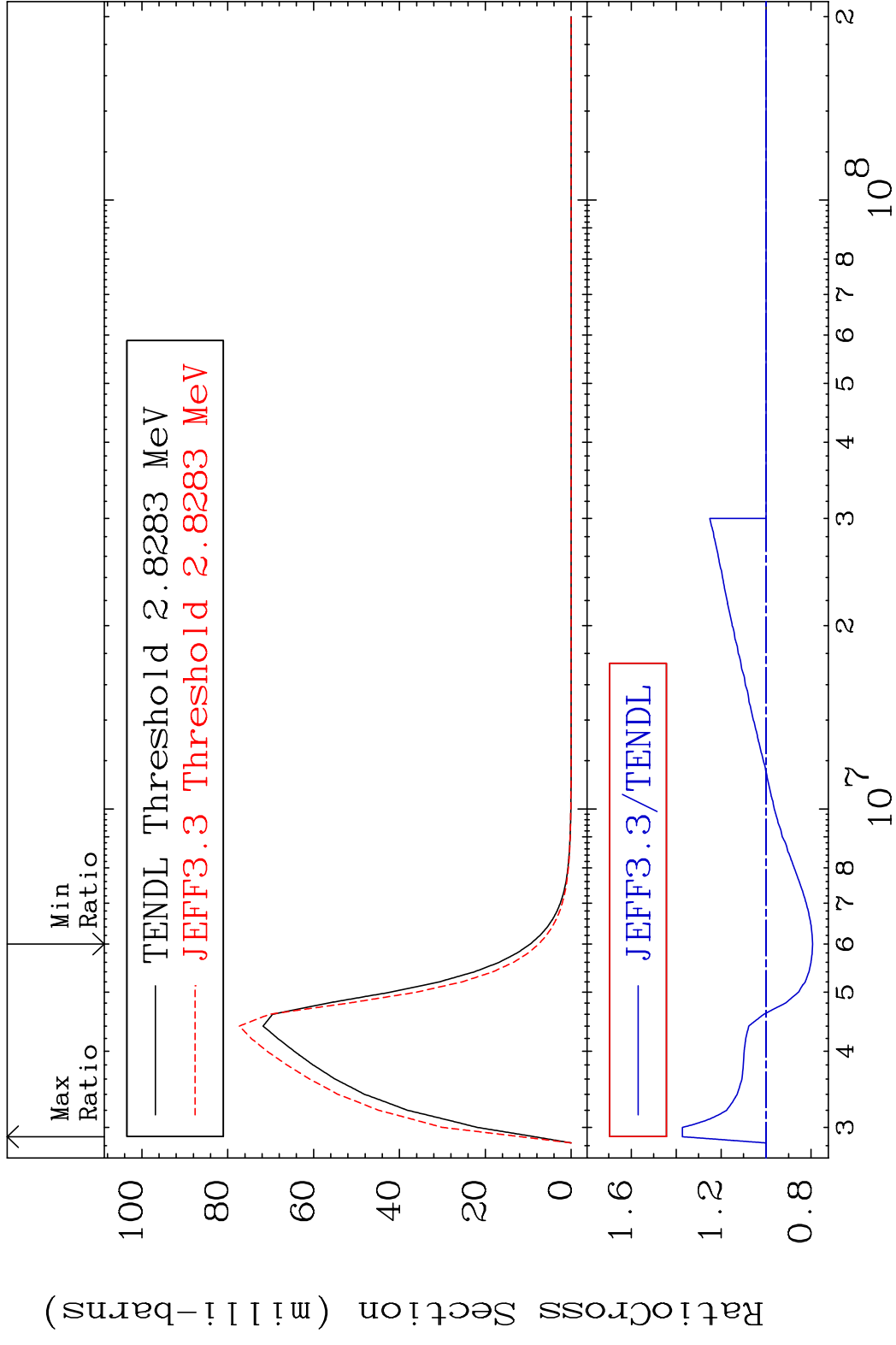
MAT 3631 MT= 58 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 35.25 %



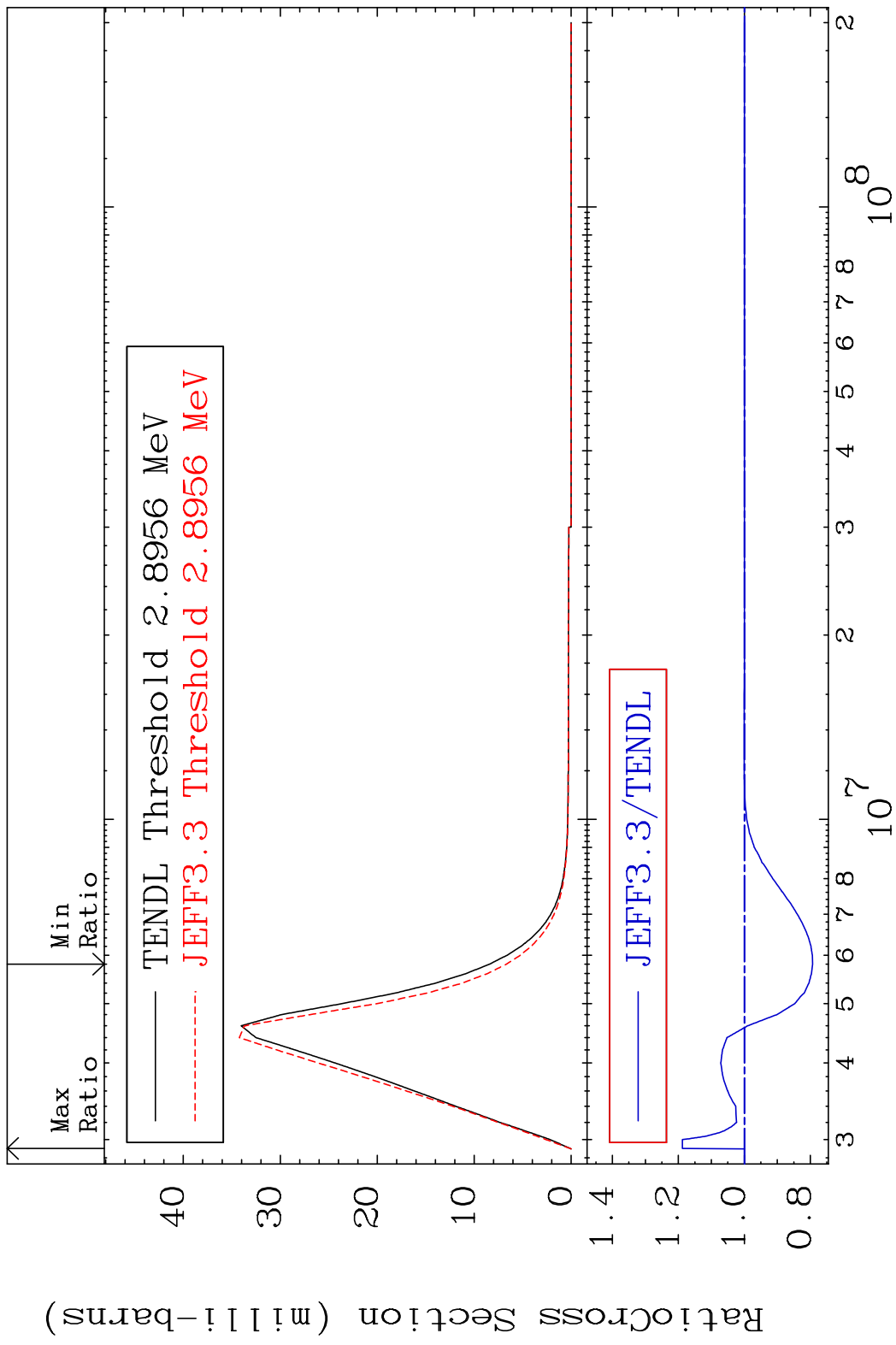
MAT 3631 MT= 59 (n,n') Level 36-Kr-80
 Cross Section -25.75 To 29.69 %



MAT 3631 MT= 60 (n,n') Level 36-Kr-80
 Cross Section -20.68 To 37.27 %



MAT 3631 MT= 61 (n,n') Level 36-Kr-80
 Cross Section -20.68 To 18.79 %

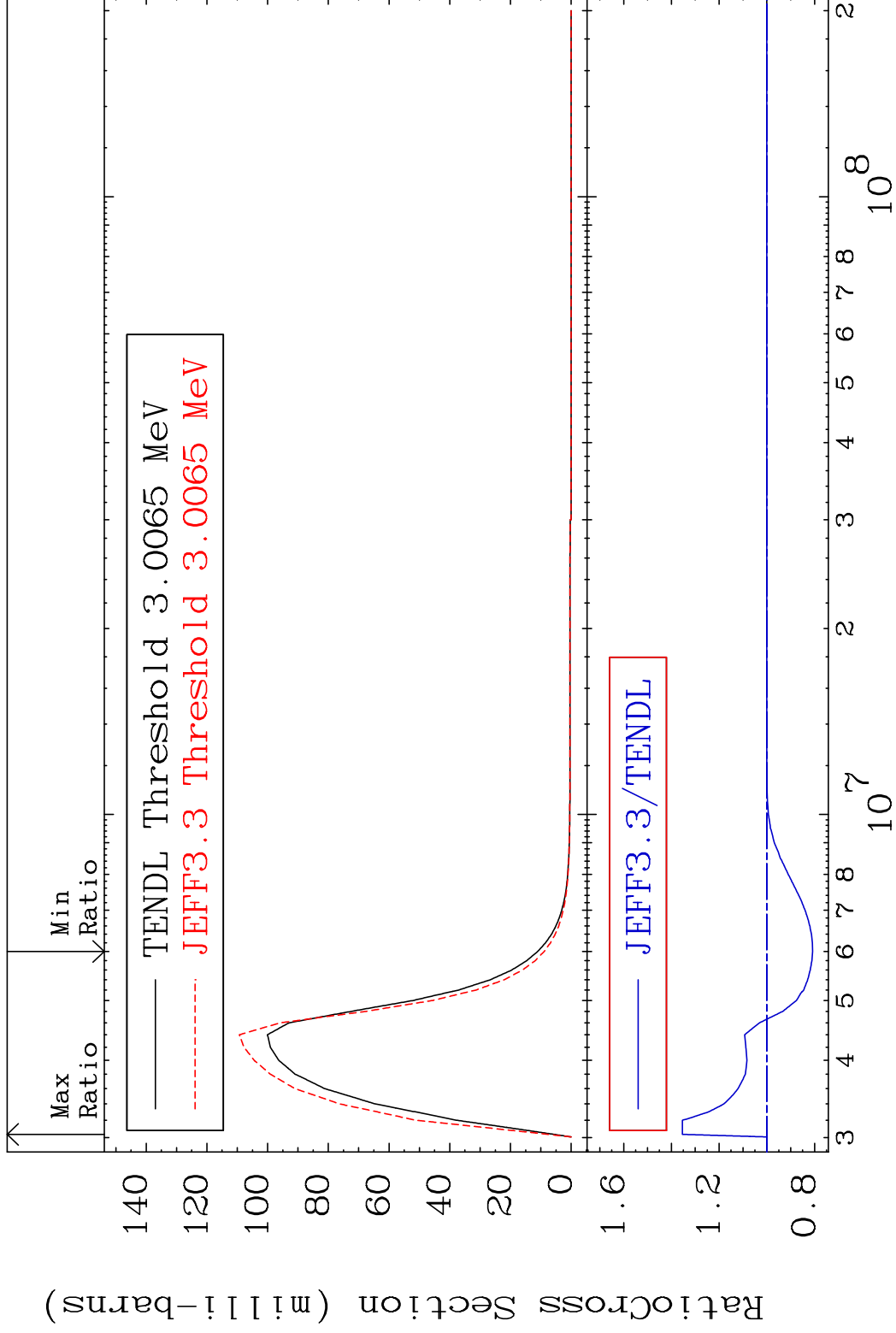


MAT 3631

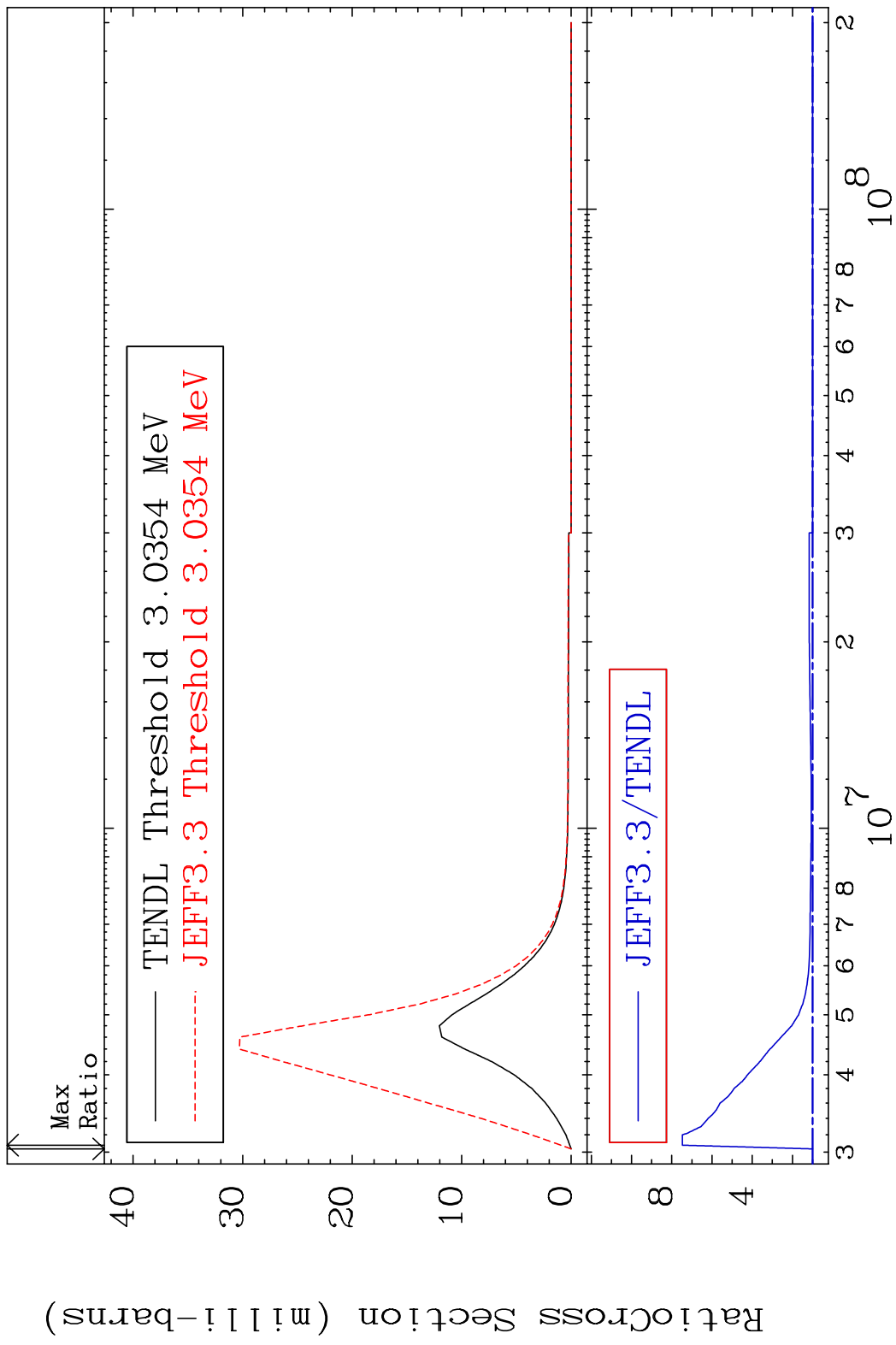
MT= 62 (n, n') Level

36-Kr-80

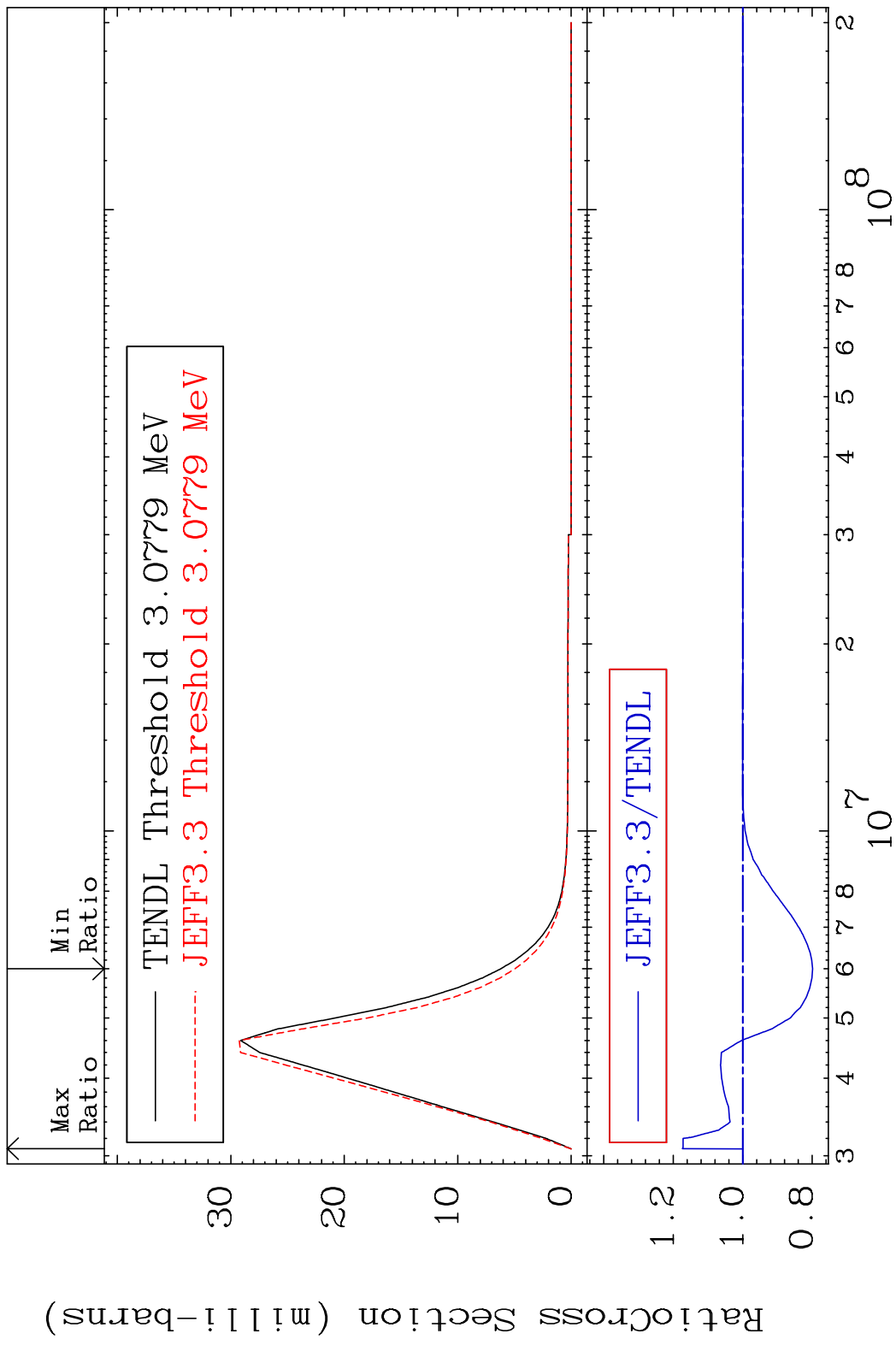
Cross Section -19.17 To 35.41 %



MAT 3631 MT= 63 (n, n') Level 36-Kr-80
 Cross Section 0.000 To 647.3 %

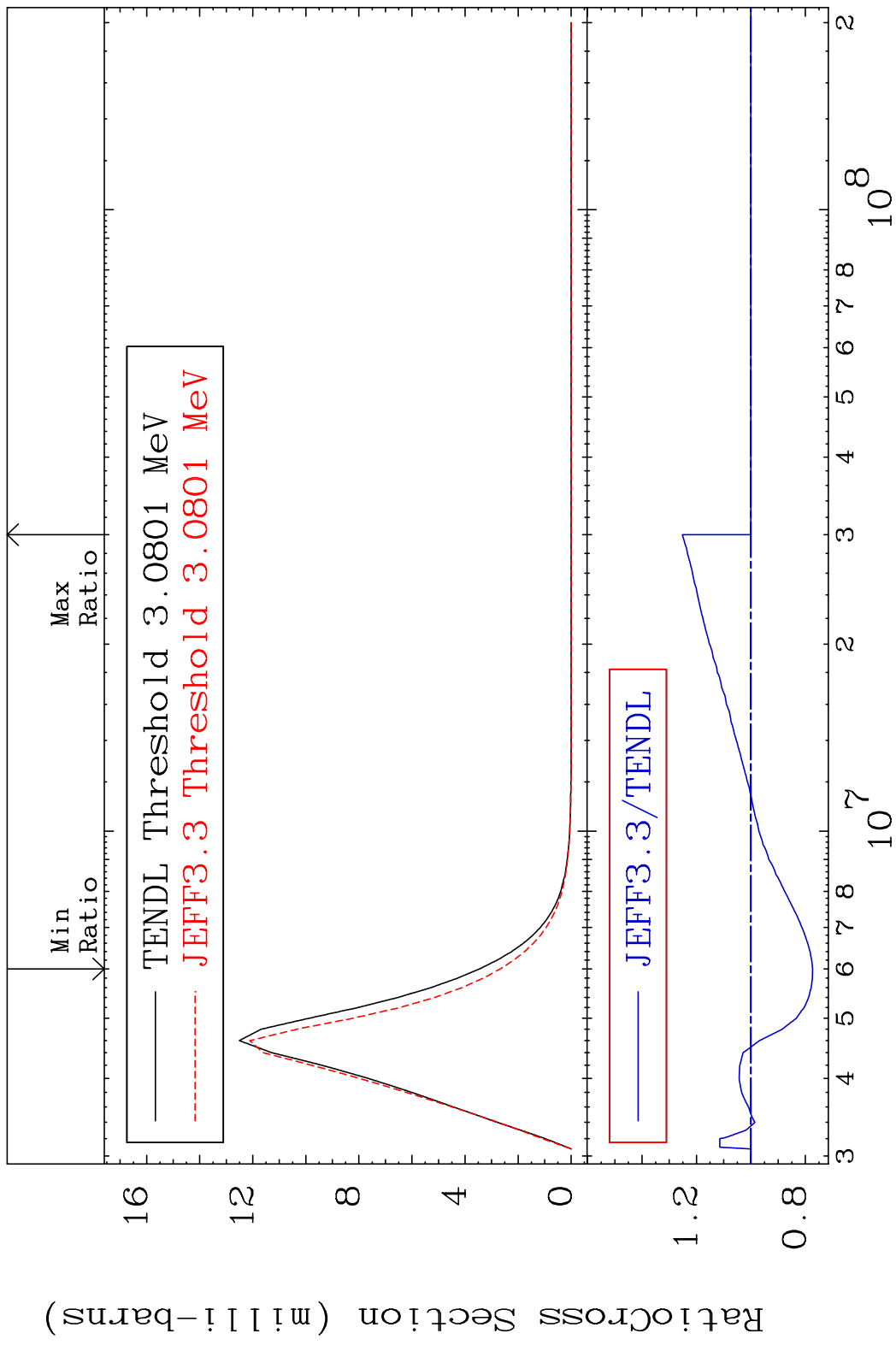


MAT 3631 MT= 64 (n,n') Level 36-Kr-80
 Cross Section -20.09 To 17.37 %

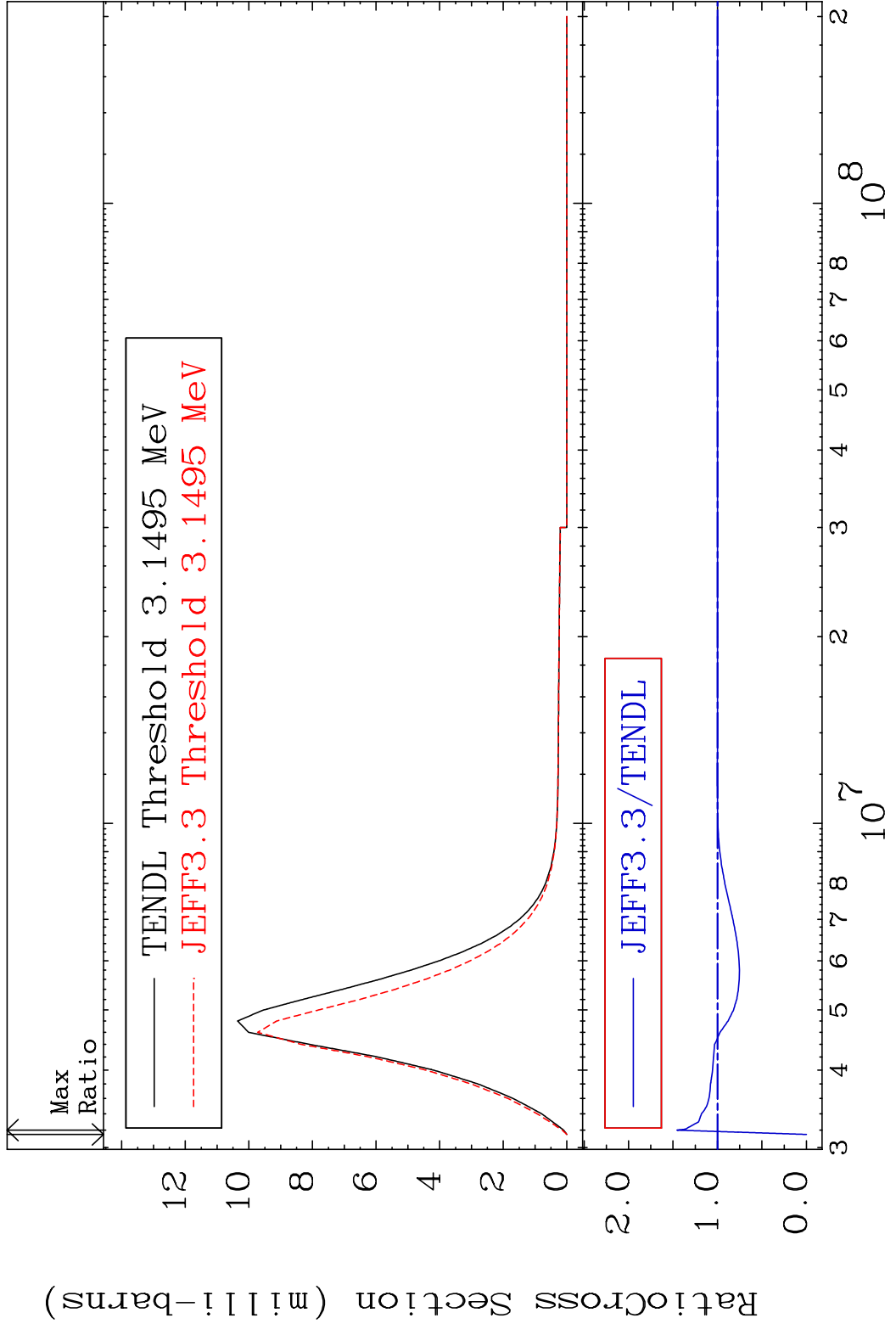


30 Incident Energy (eV) 36-Kr-80

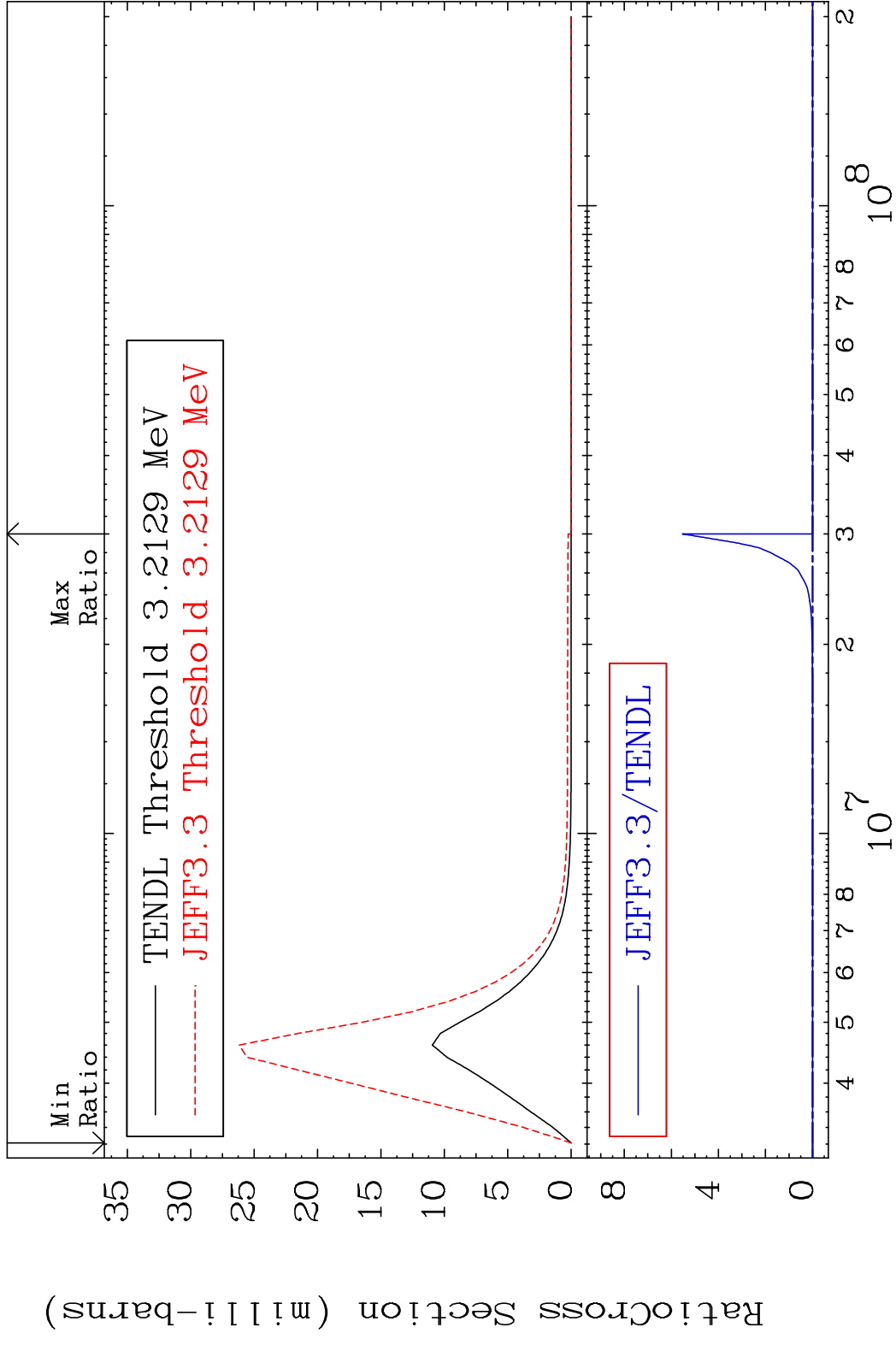
MAT 3631 MT= 65 (n, n') Level 36-Kr-80
 Cross Section -22.65 To 25.19 %



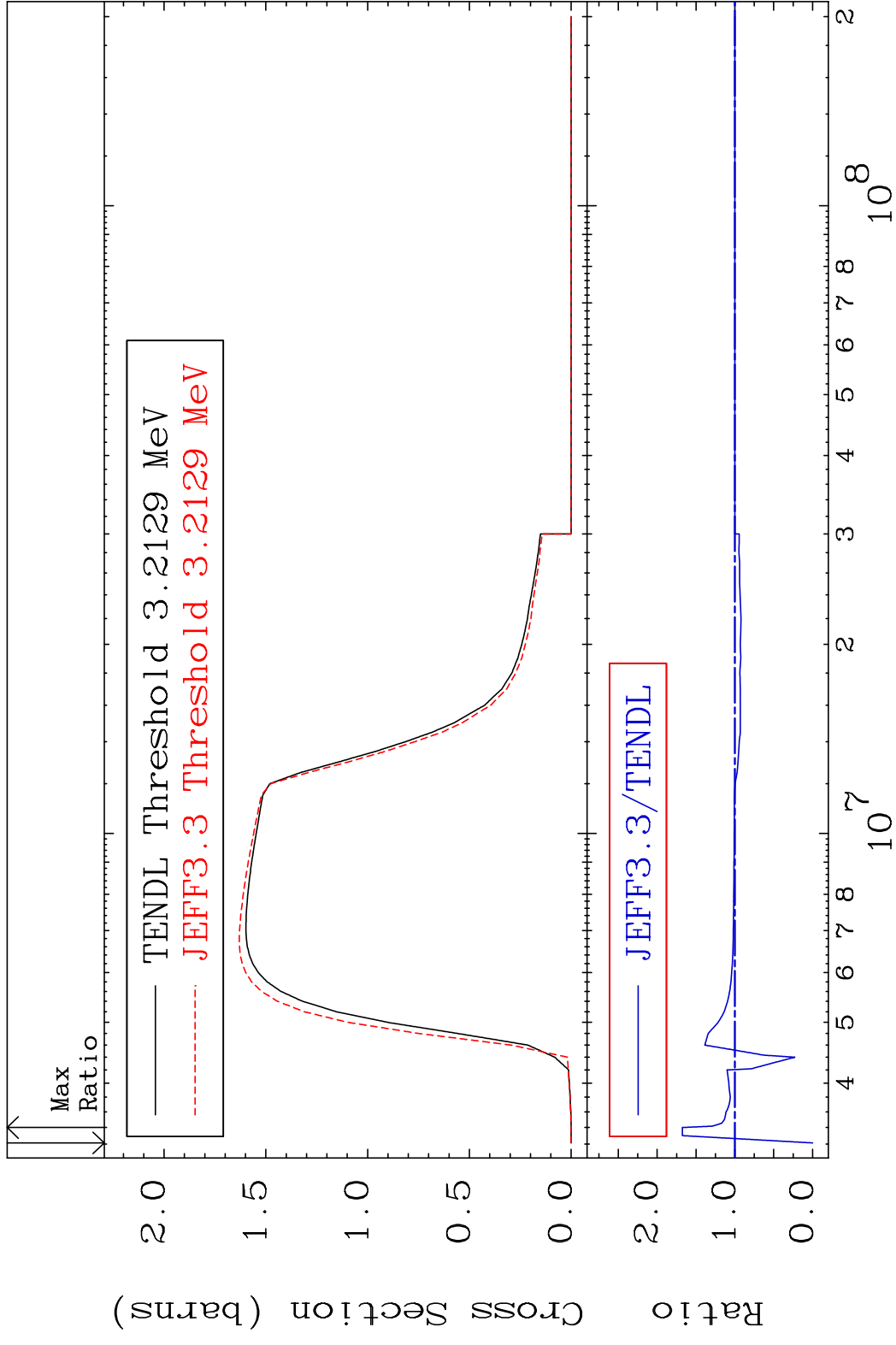
MAT 3631 MT= 66 (n,n') Level 36-Kr-80
 Cross Section -100.0 To 45.32 %



MAT 3631 MT= 67 (n, n') Level 36-Kr-80
 Cross Section -100.0 To 9999. %



MAT 3631 (n,n') Continuum 36-Kr-80
 Cross Section -100.0 To 67.60 %

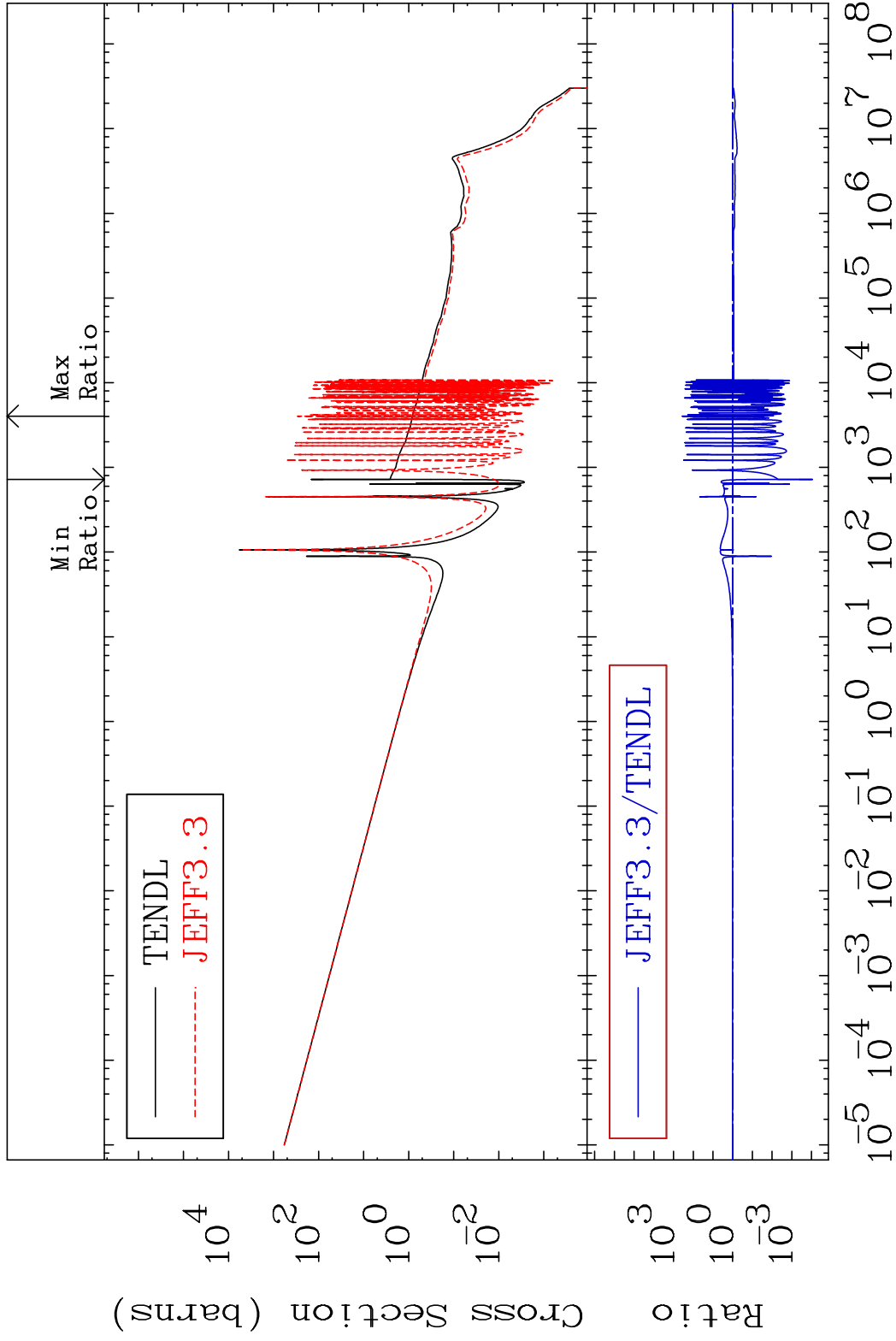


MAT 3631

(n, γ)

36-Kr-80

Cross Section -99.99 To 9999. %



35

Incident Energy (eV)

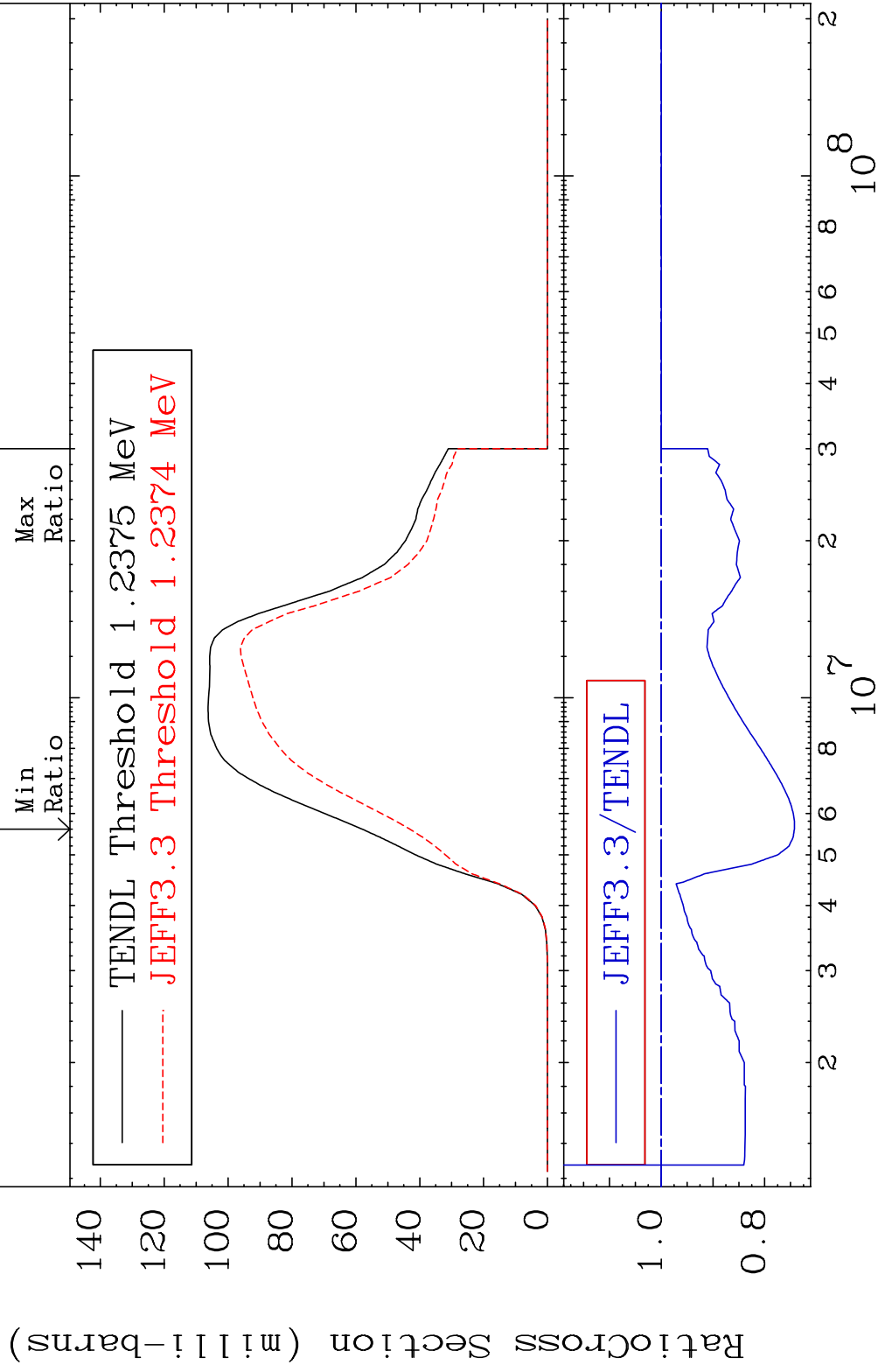
36-Kr-80

MAT 3631

(n, p)

36-Kr-80

Cross Section -25.74 To 0.000 %



36

Incident Energy (eV)

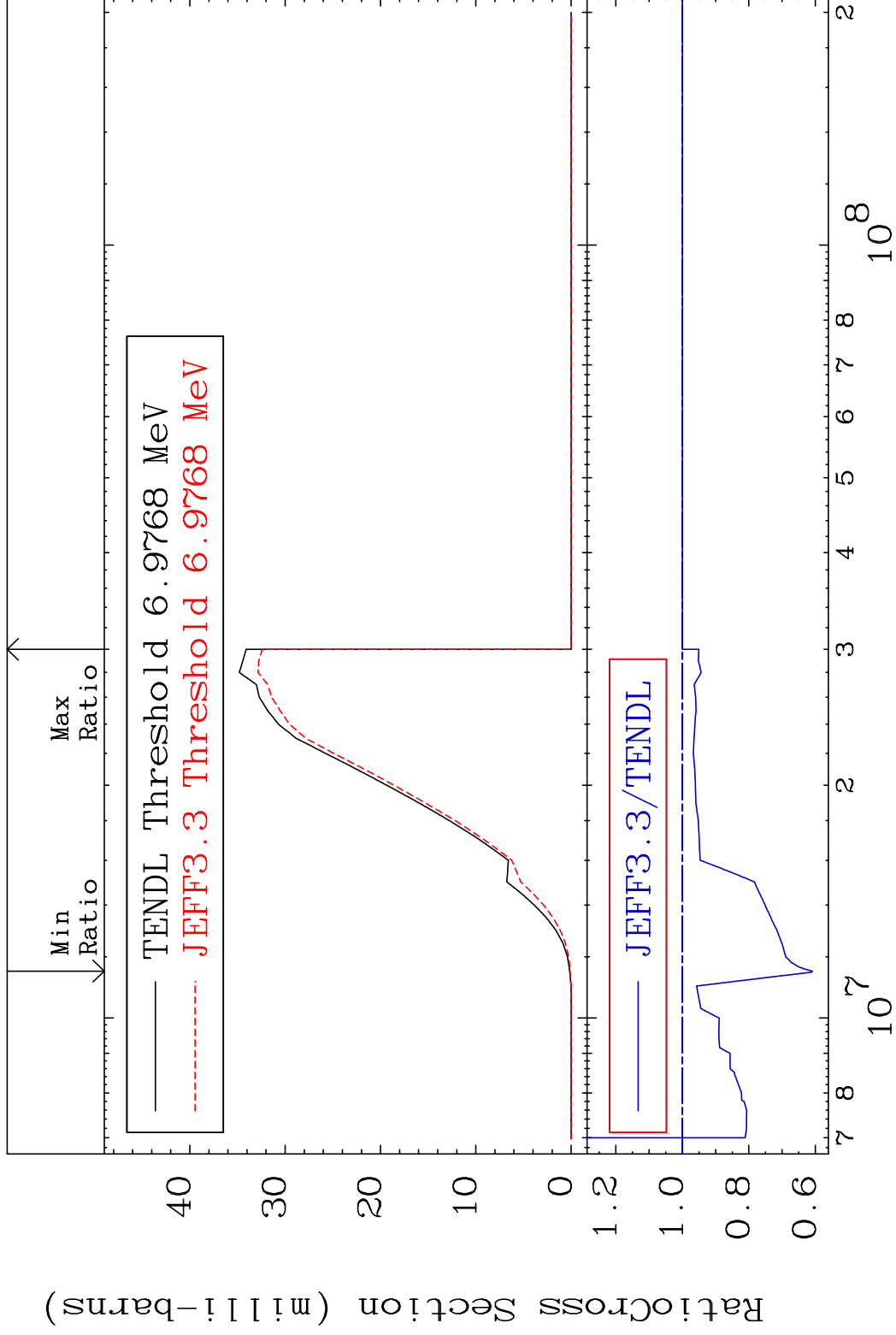
36-Kr-80

MAT 3631

(n, d)

36-Kr-80

Cross Section -39.15 To 0.000 %



37

Incident Energy (eV)

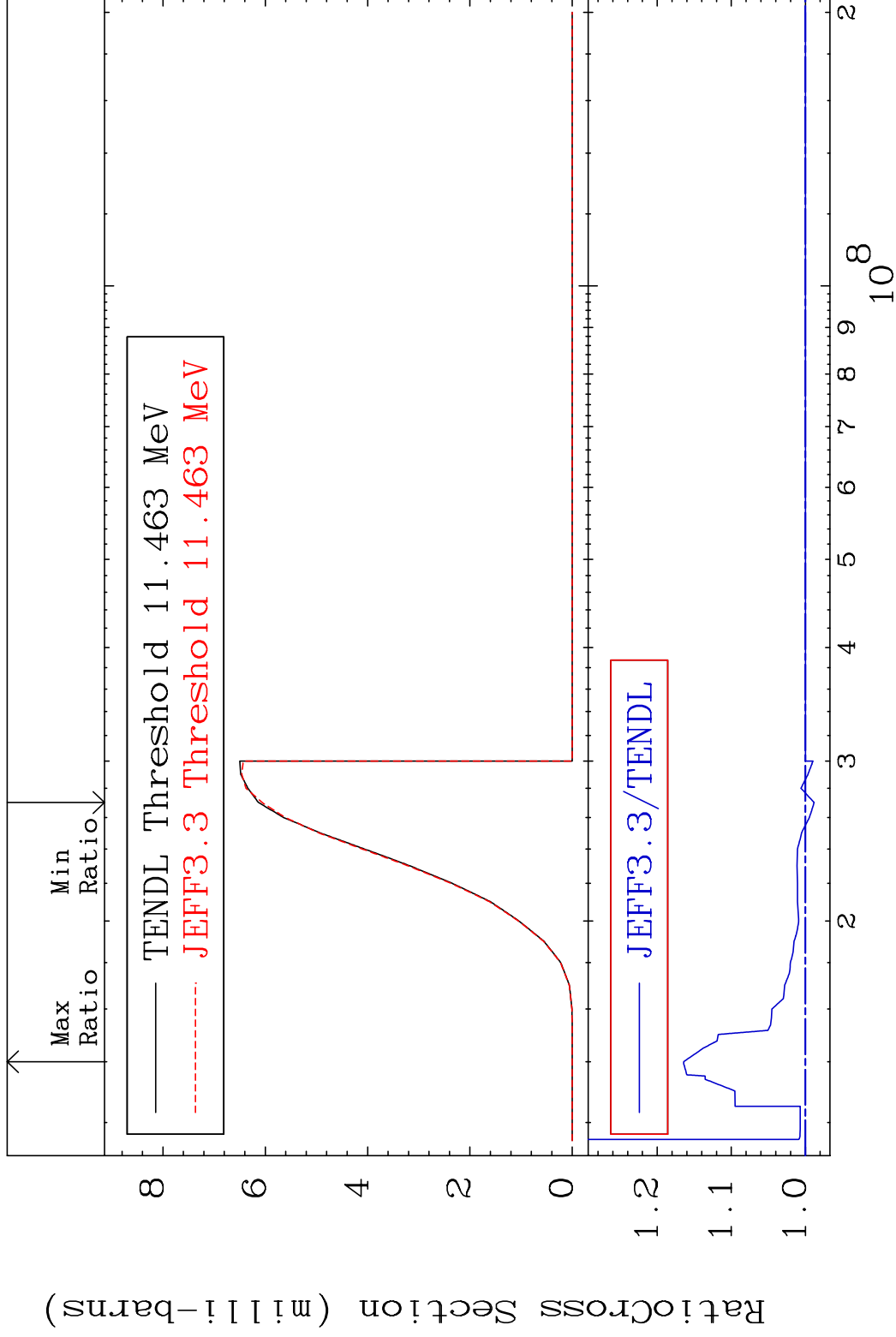
36-Kr-80

MAT 3631

(n, t)

36-Kr-80

Cross Section -1.179 To 16.43 %



38

Incident Energy (eV)

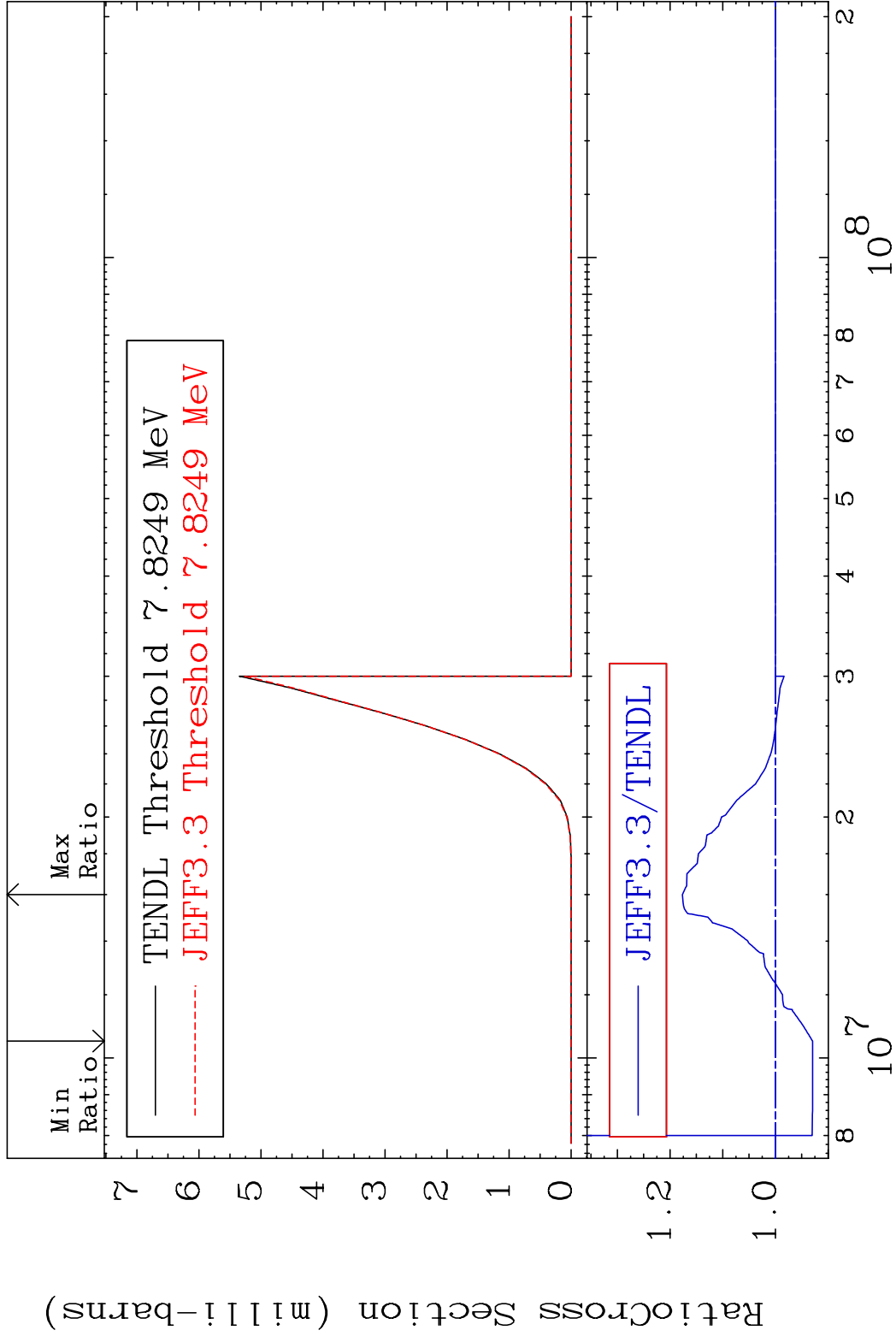
36-Kr-80

MAT 3631

(n, He-3)

36-Kr-80

Cross Section -7.048 To 17.67 %



39

Incident Energy (eV)

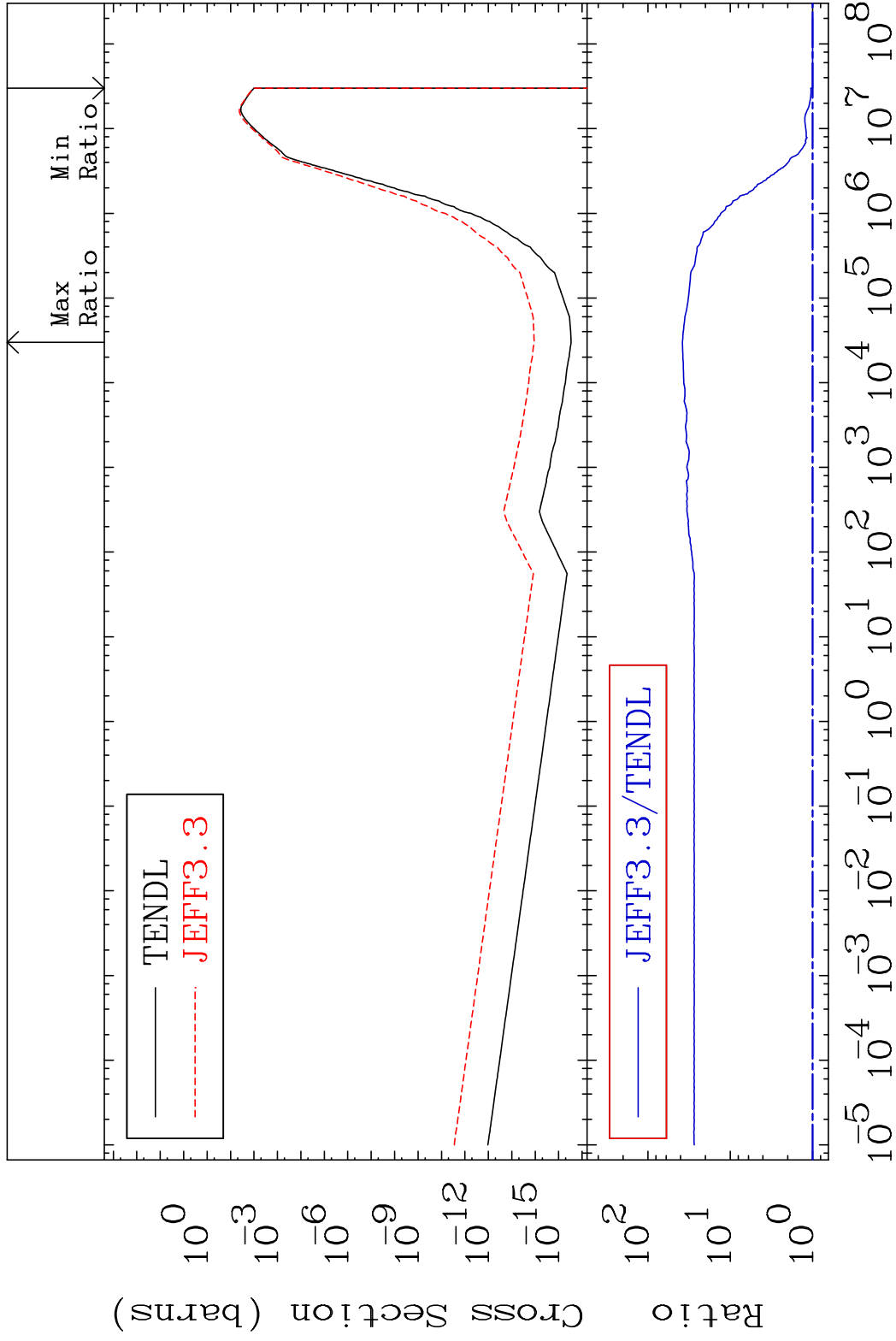
36-Kr-80

MAT 3631

(n, α)

36-Kr-80

Cross Section 0.000 To 3715. %



40

Incident Energy (eV)

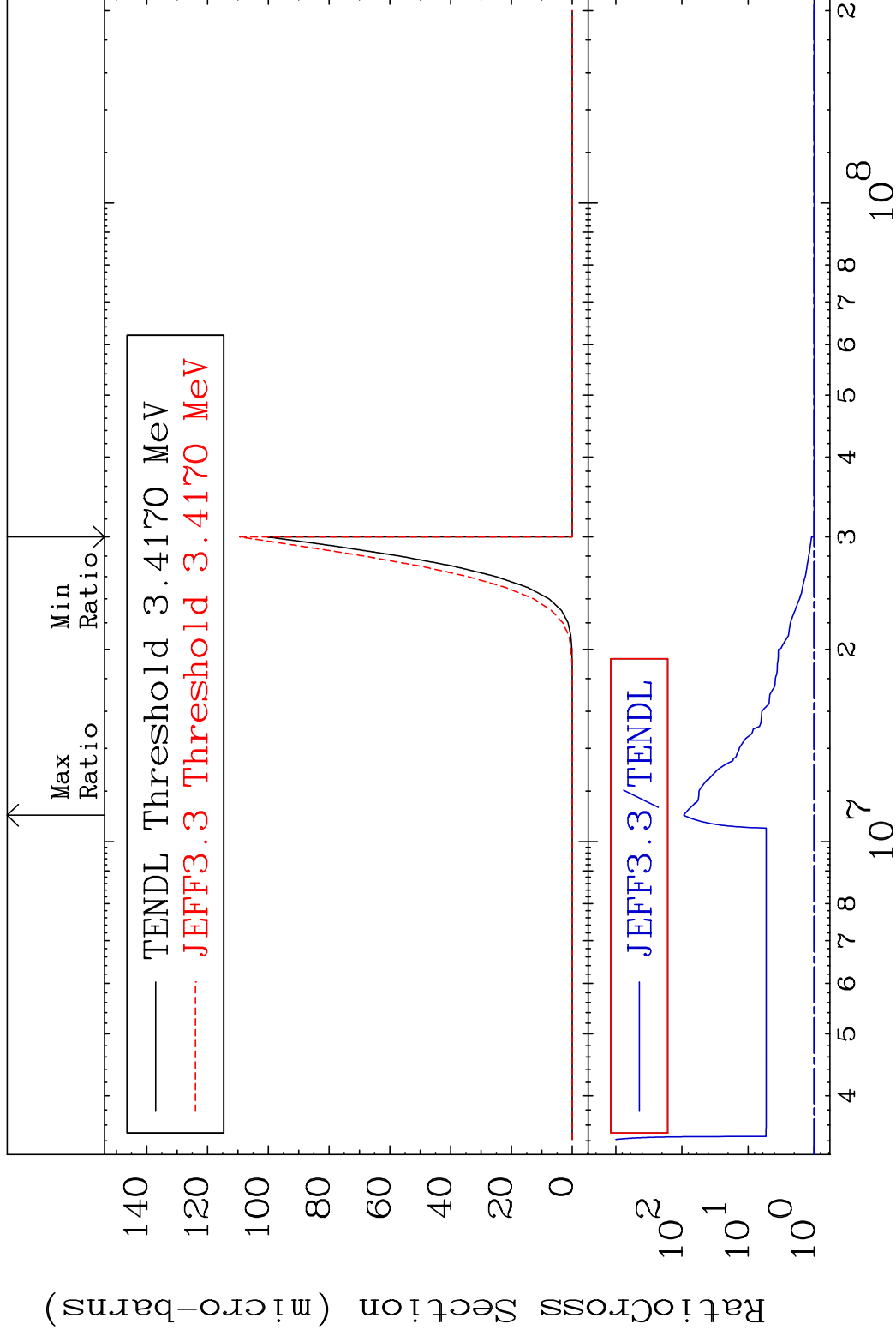
36-Kr-80

MAT 3631

(n,2α)

36-Kr-80

Cross Section 0.000 To 9320. %



41

Incident Energy (eV)

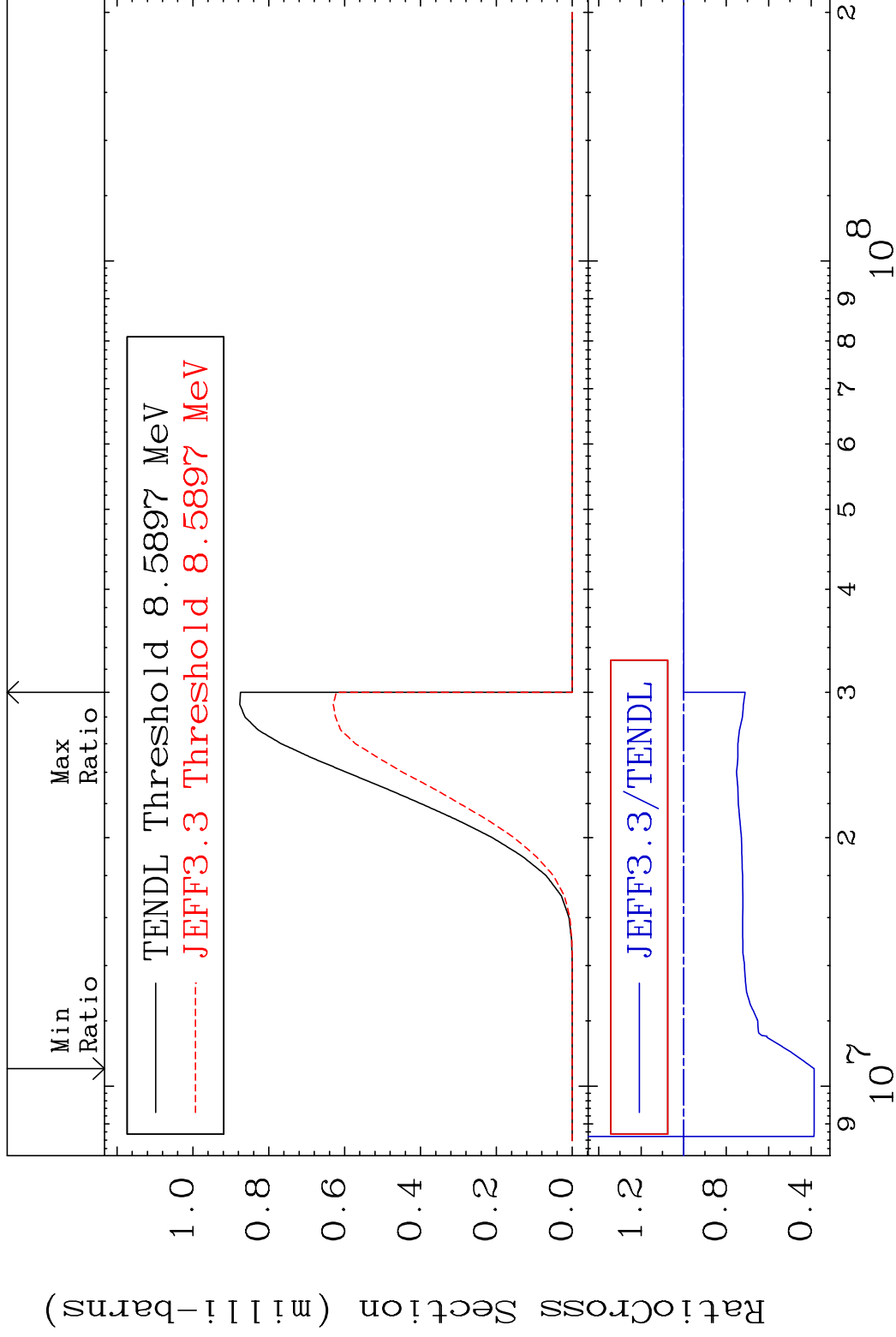
36-Kr-80

MAT 3631

(n,2p)

36-Kr-80

Cross Section -61.35 To 0.000 %



42

Incident Energy (eV)

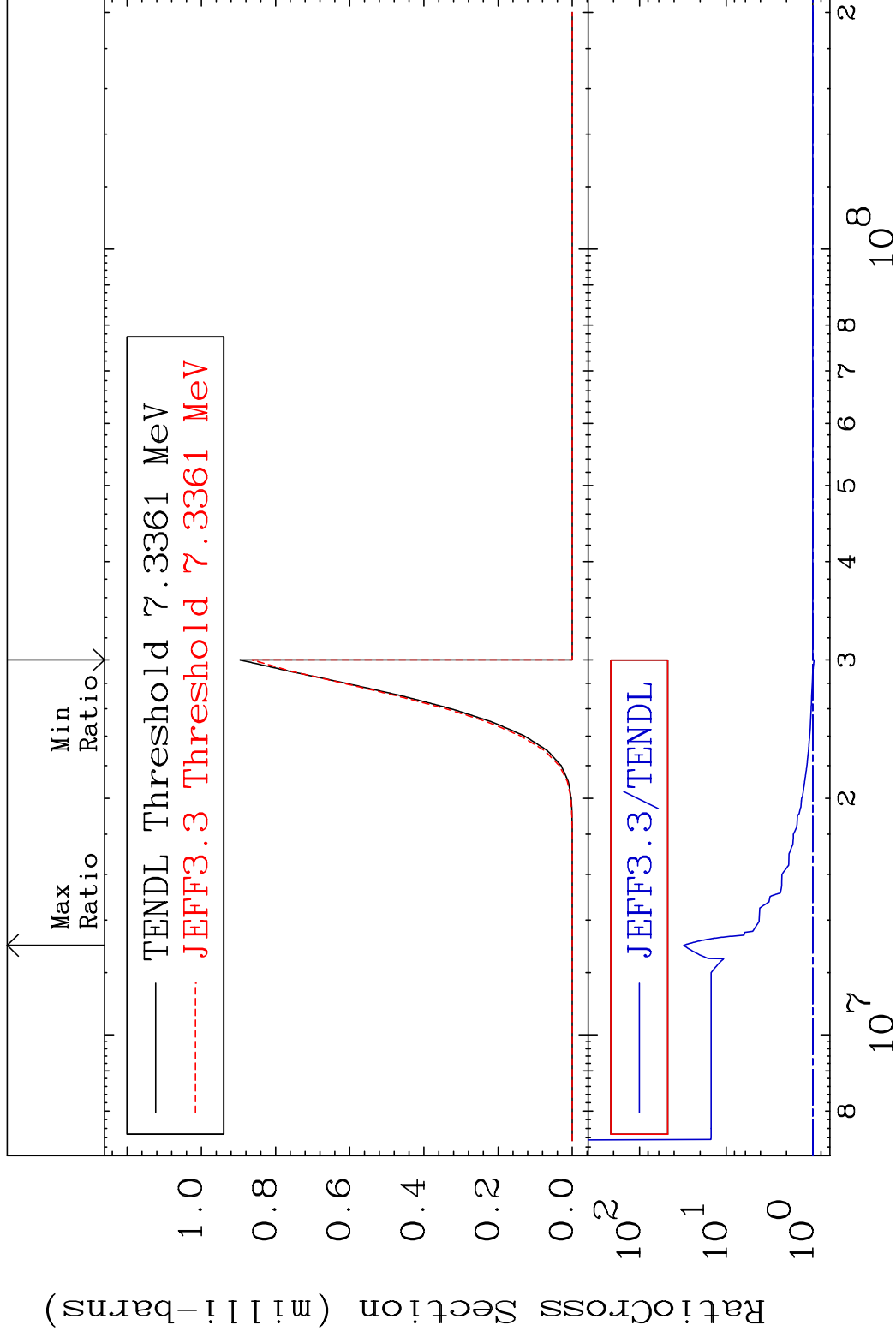
36-Kr-80

MAT 3631

(n,p) α

36-Kr-80

Cross Section -3.734 To 2993. %



43

Incident Energy (eV)

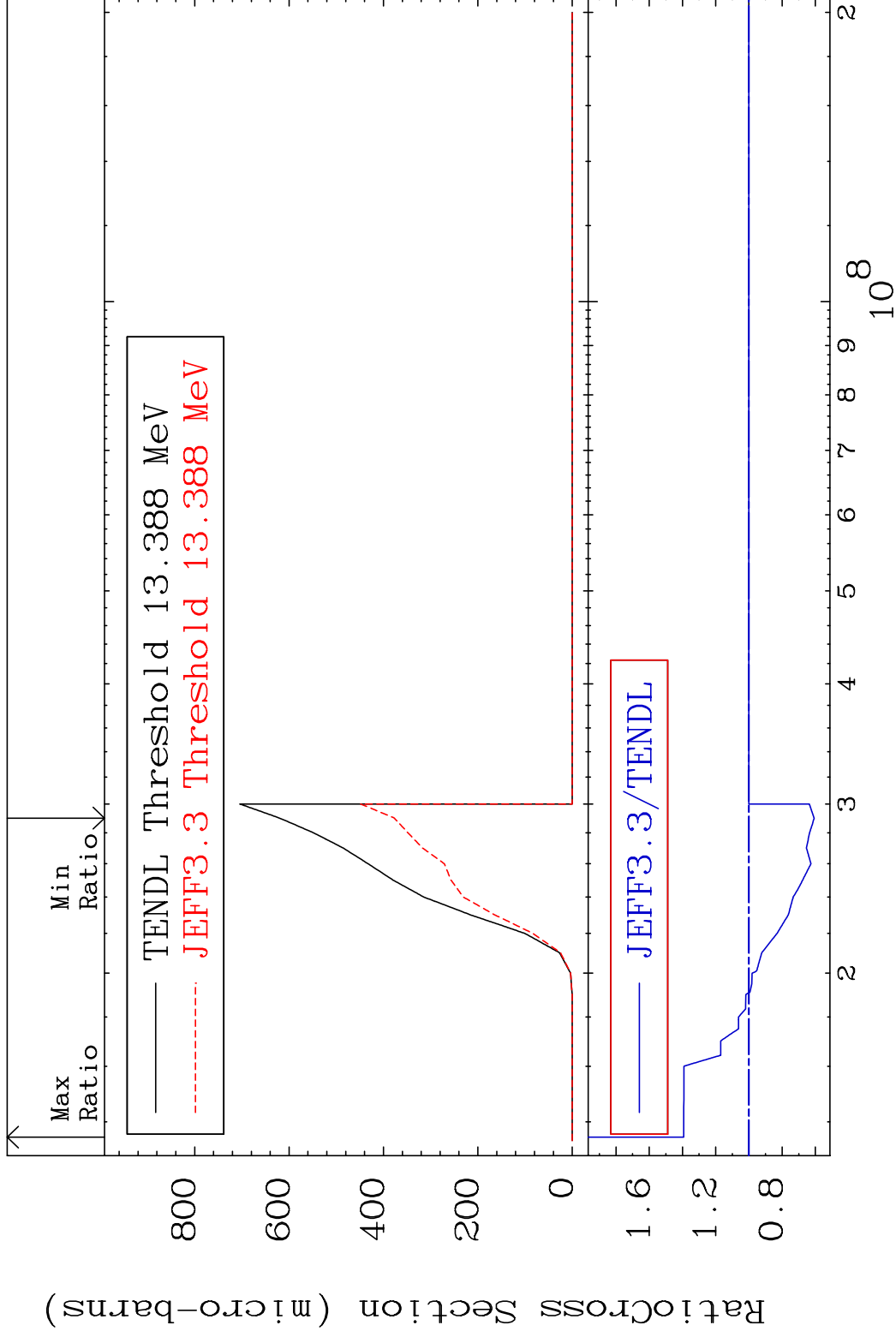
36-Kr-80

MAT 3631

(n,p) d

36-Kr-80

Cross Section -39.22 To 39.27 %



44

Incident Energy (eV)

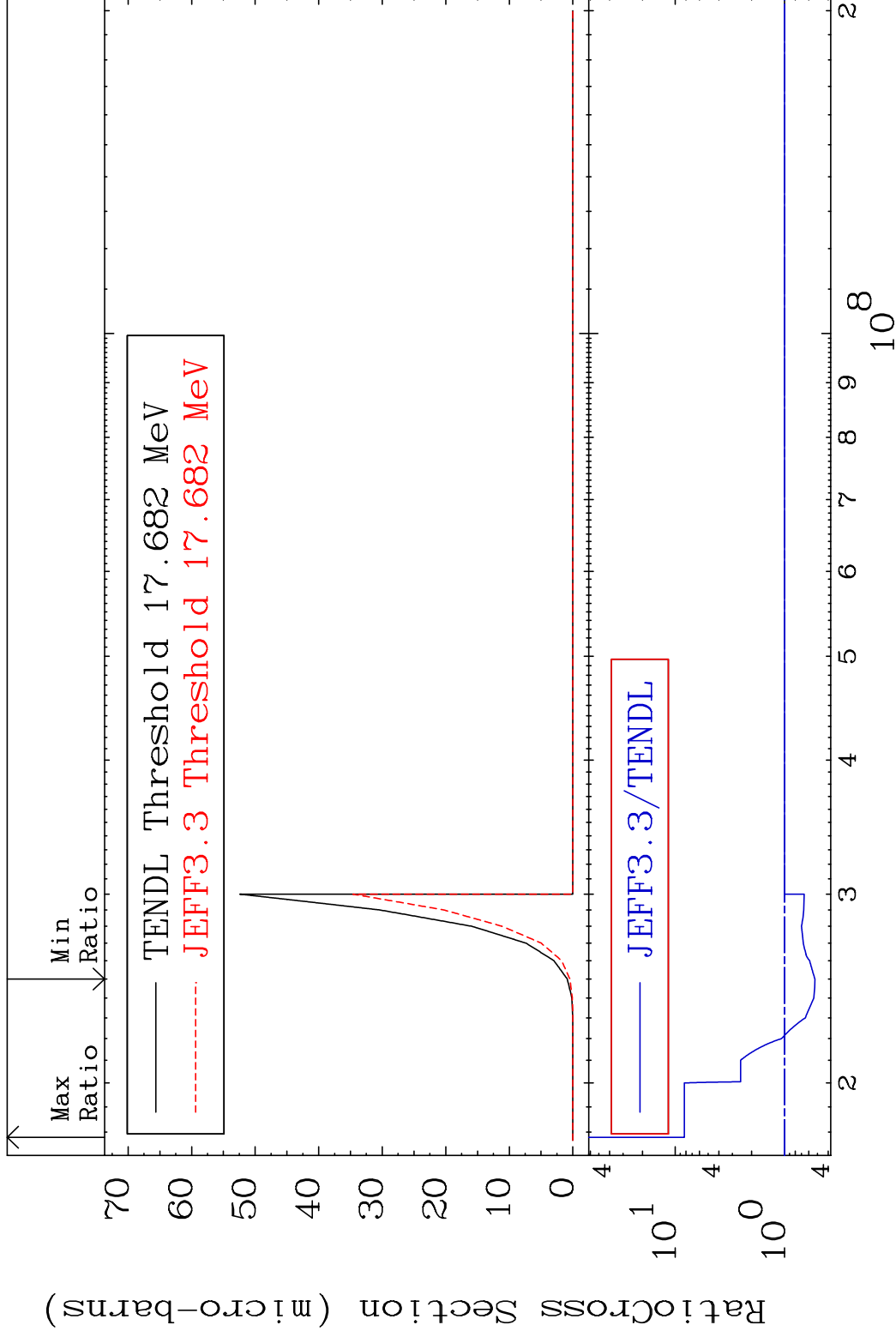
36-Kr-80

MAT 3631

(n,p) t

36-Kr-80

Cross Section -47.17 To 727.0 %



45

Incident Energy (eV)

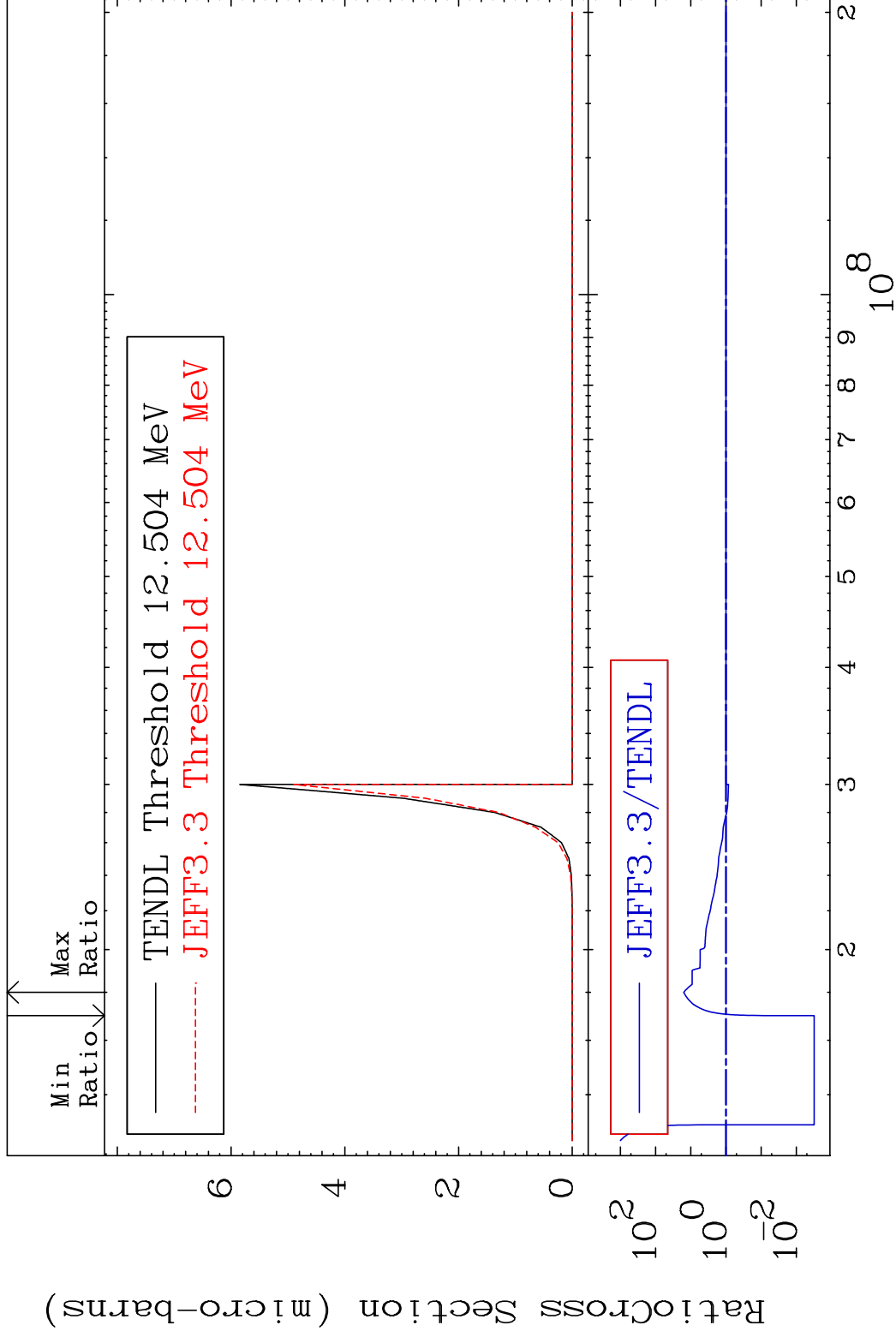
36-Kr-80

MAT 3631

(n,d) α

36-Kr-80

Cross Section -99.69 To 1484. %

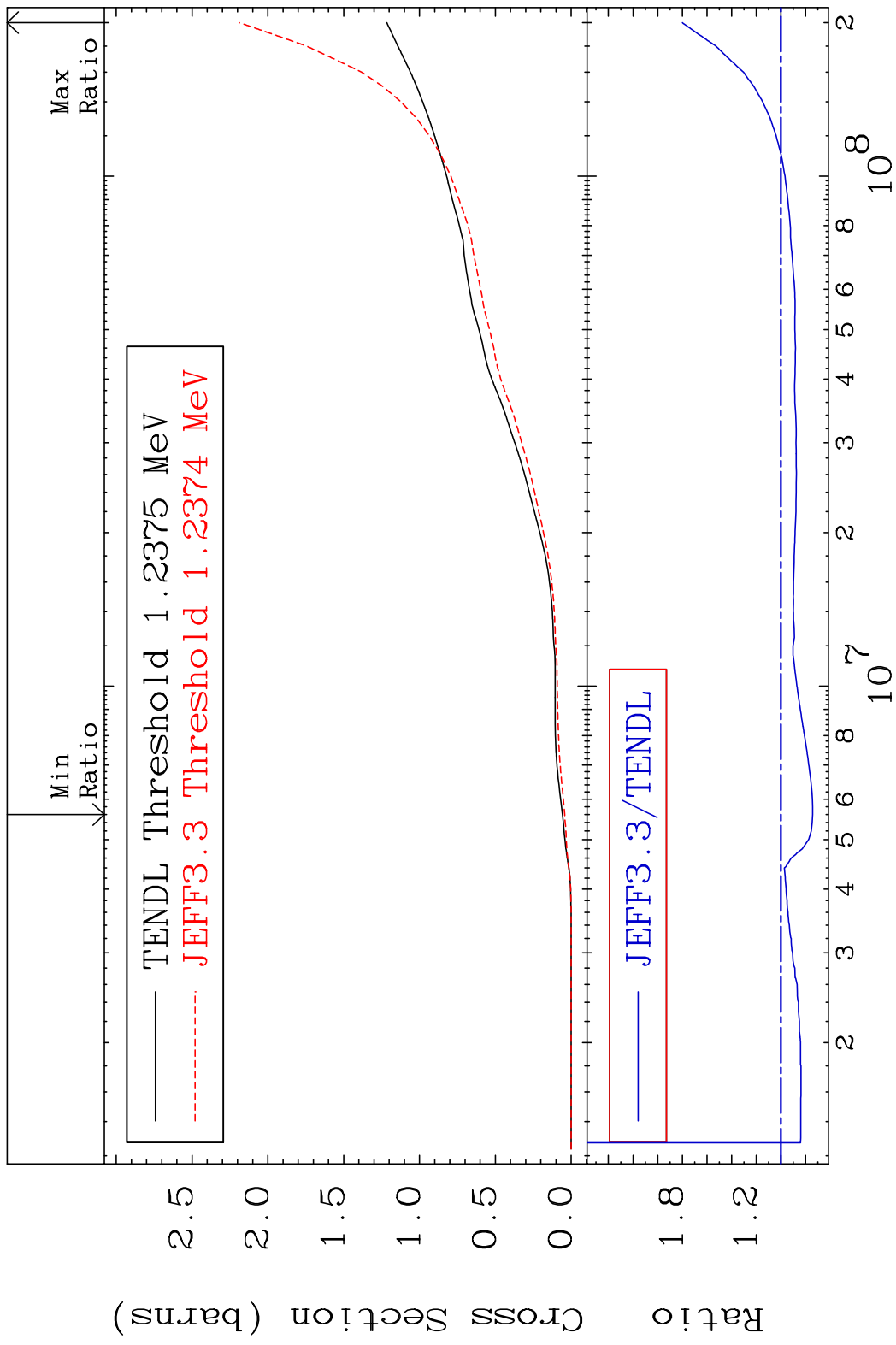


46

Incident Energy (eV)

36-Kr-80

MAT 3631 Hydrogen Production 36-Kr-80
 Cross Section -25.74 To 79.95 %

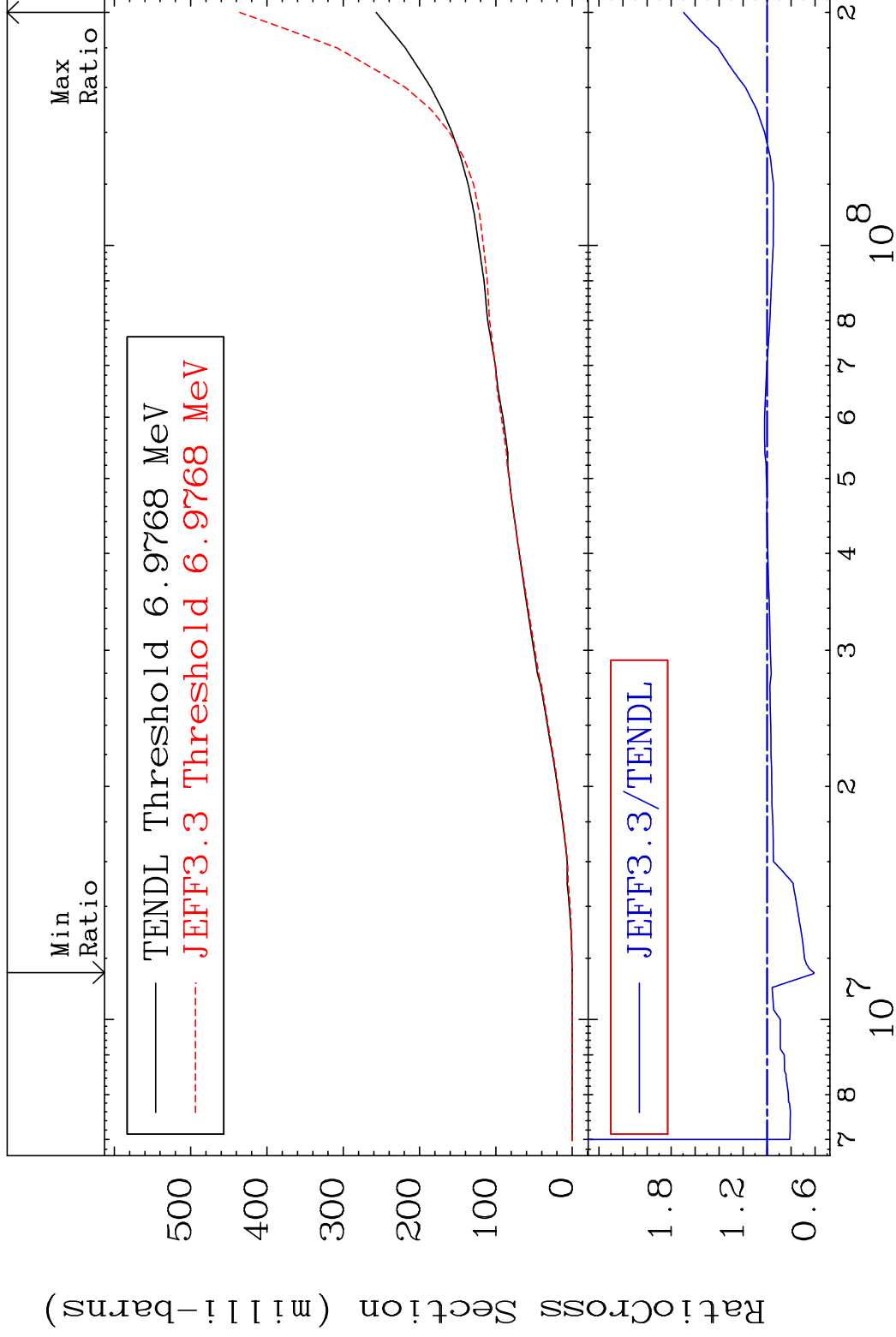


MAT 3631

Deuterium Production

³⁶Kr-80

Cross Section -39.15 To 69.49 %



48

Incident Energy (eV)

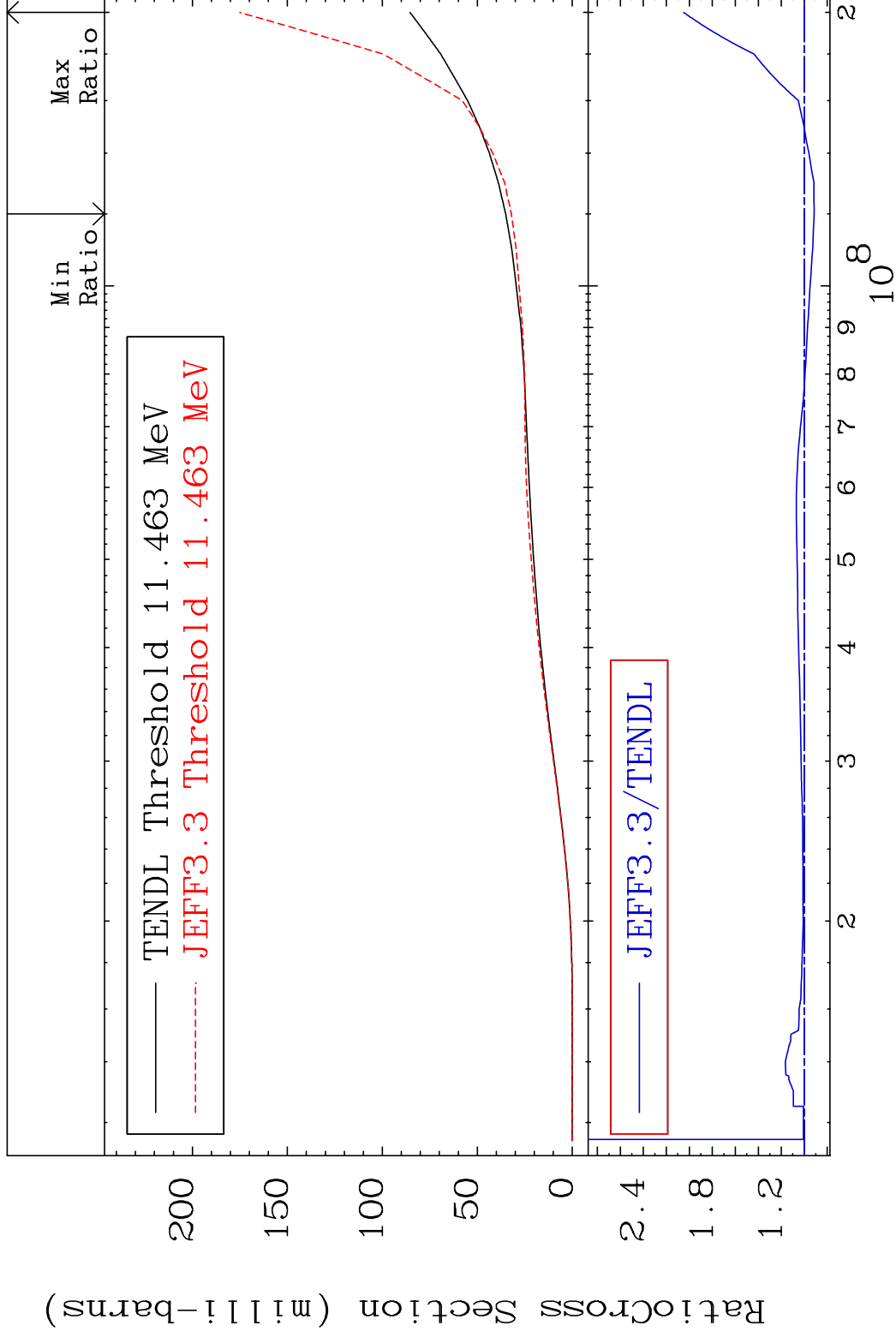
³⁶Kr-80

MAT 3631

Tritium Production

36-Kr-80

Cross Section -8.553 To 104.9 %



49

Incident Energy (eV)

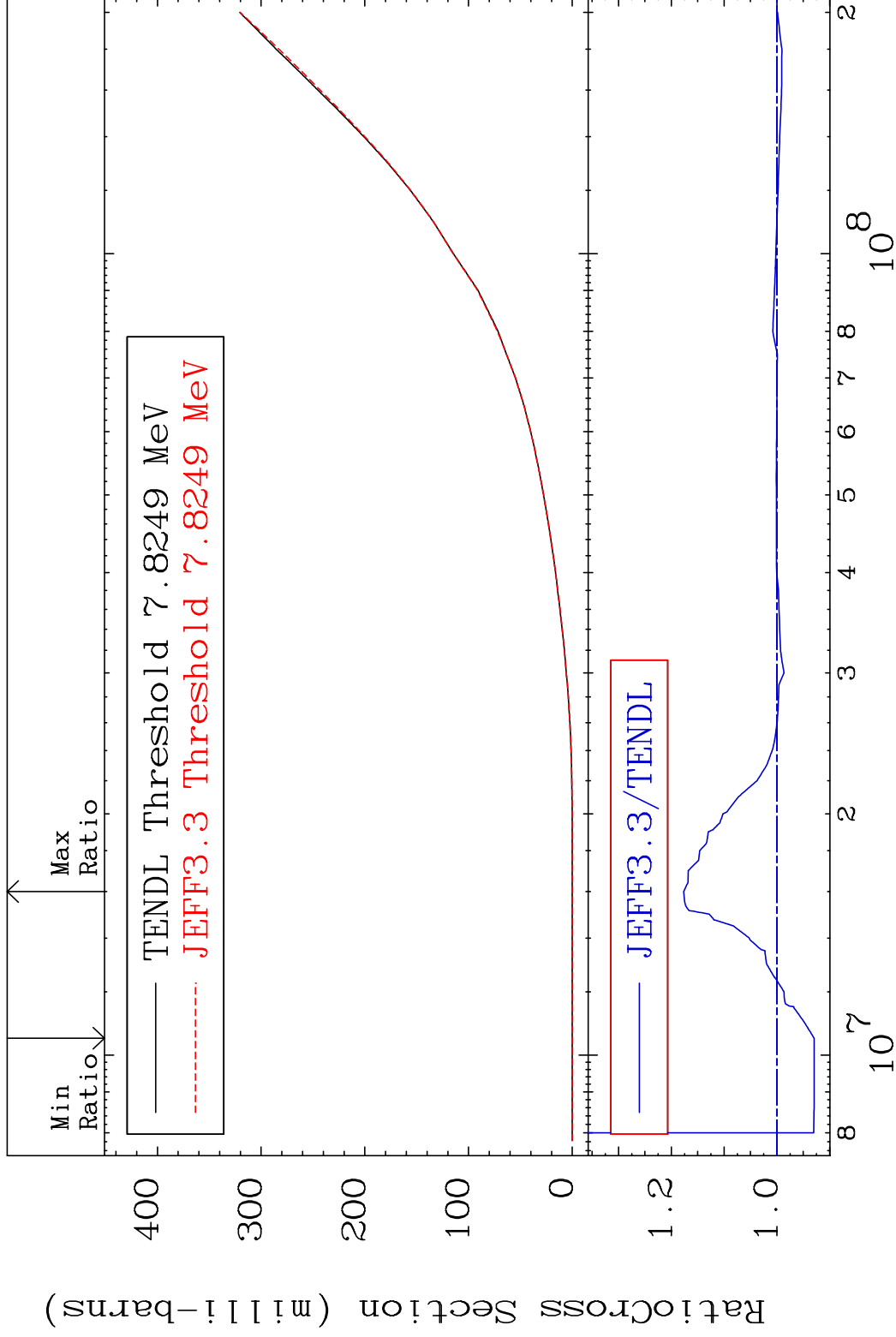
36-Kr-80

MAT 3631

He-3 Production

36-Kr-80

Cross Section -7.048 To 17.67 %



50

Incident Energy (eV)

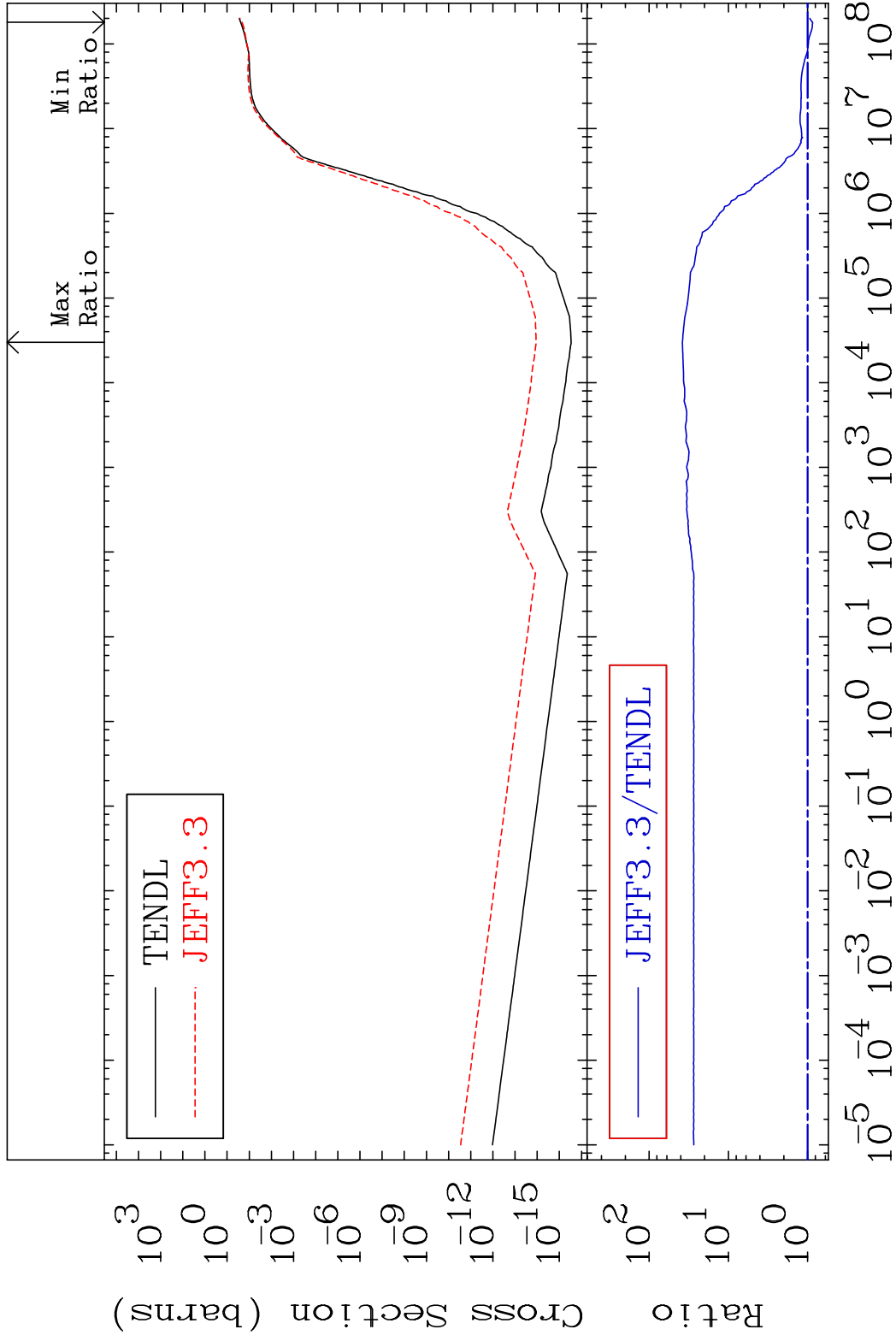
36-Kr-80

MAT 3631

He-4 Production

36-Kr-80

Cross Section -13.17 To 3715. %

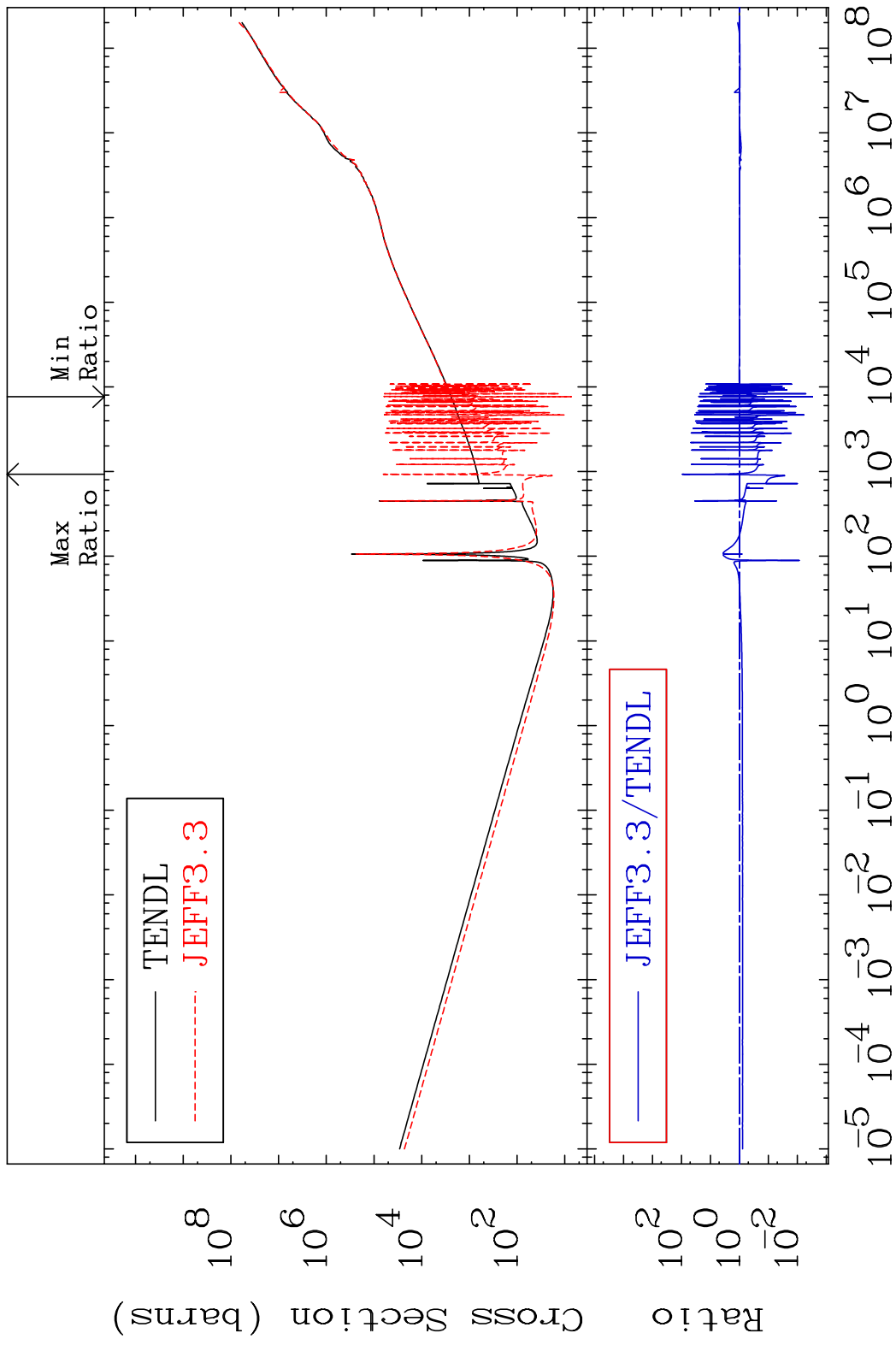


51

Incident Energy (eV)

36-Kr-80

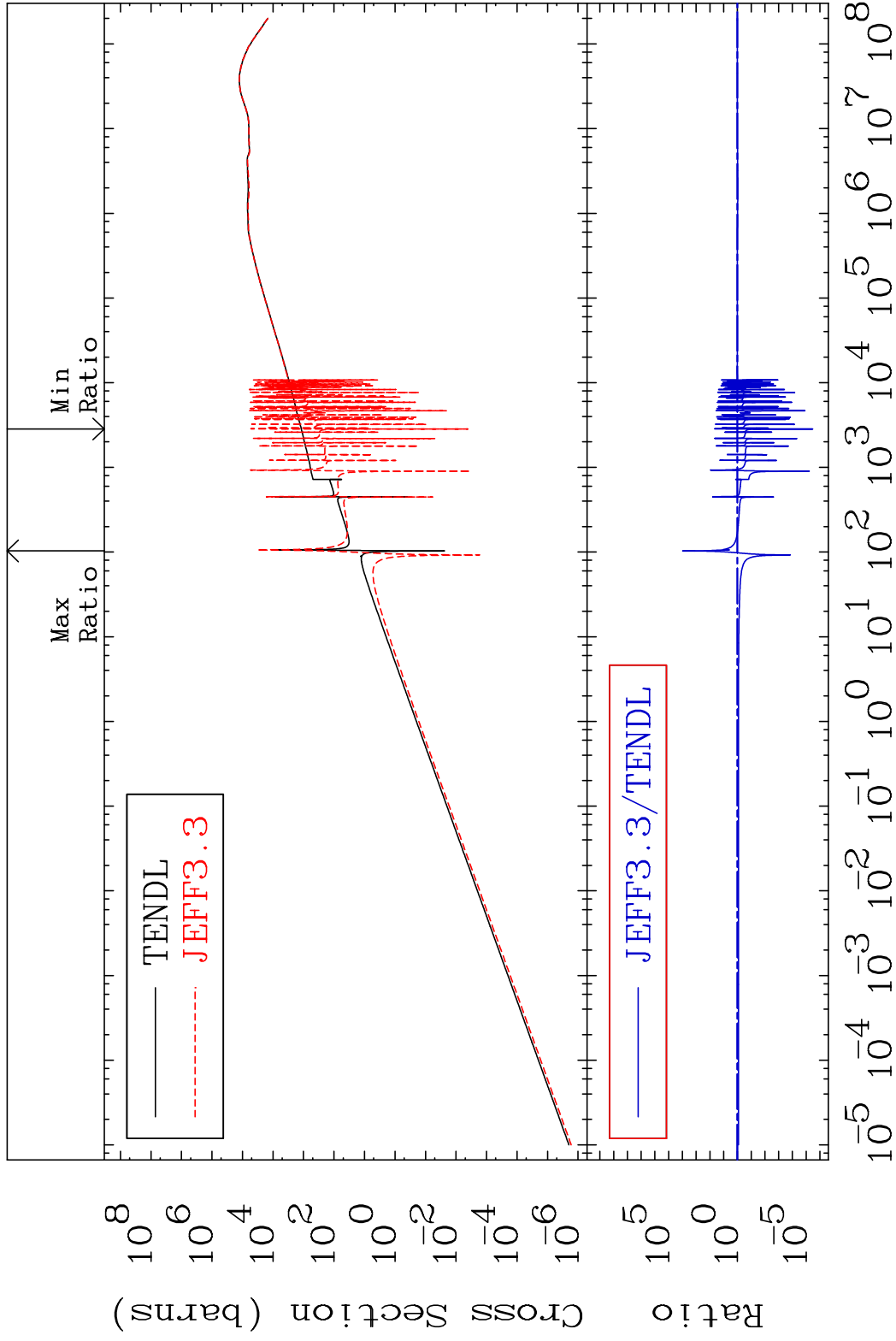
MAT 3631 Kerma total (eV-barns) 36-Kr-80
 Cross Section -99.70 To 9257. %



52 Incident Energy (eV) 36-Kr-80

MAT 3631

Kerma elastic Cross Section -100.0 To 9999. %
36-Kr-80

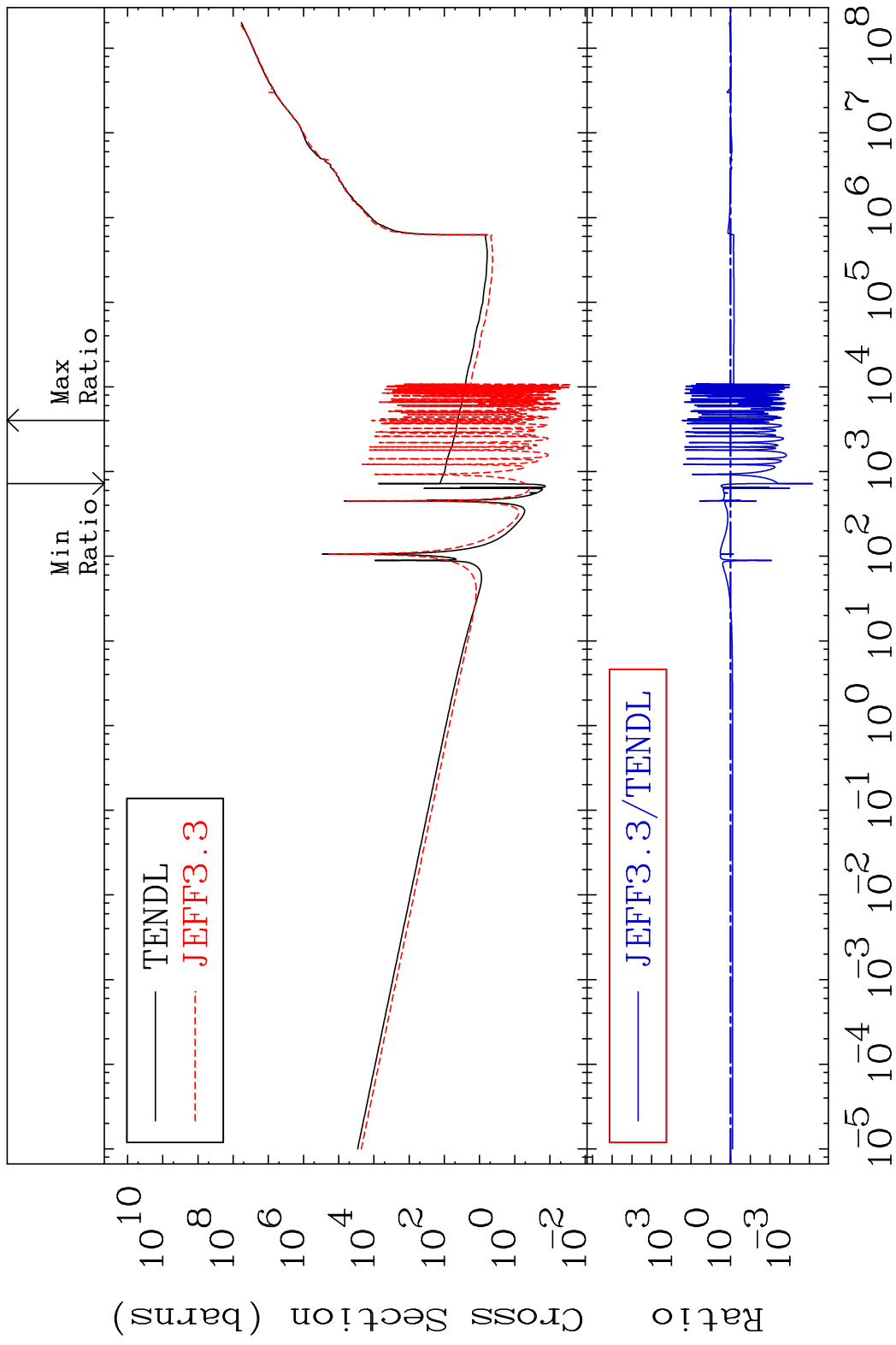


53

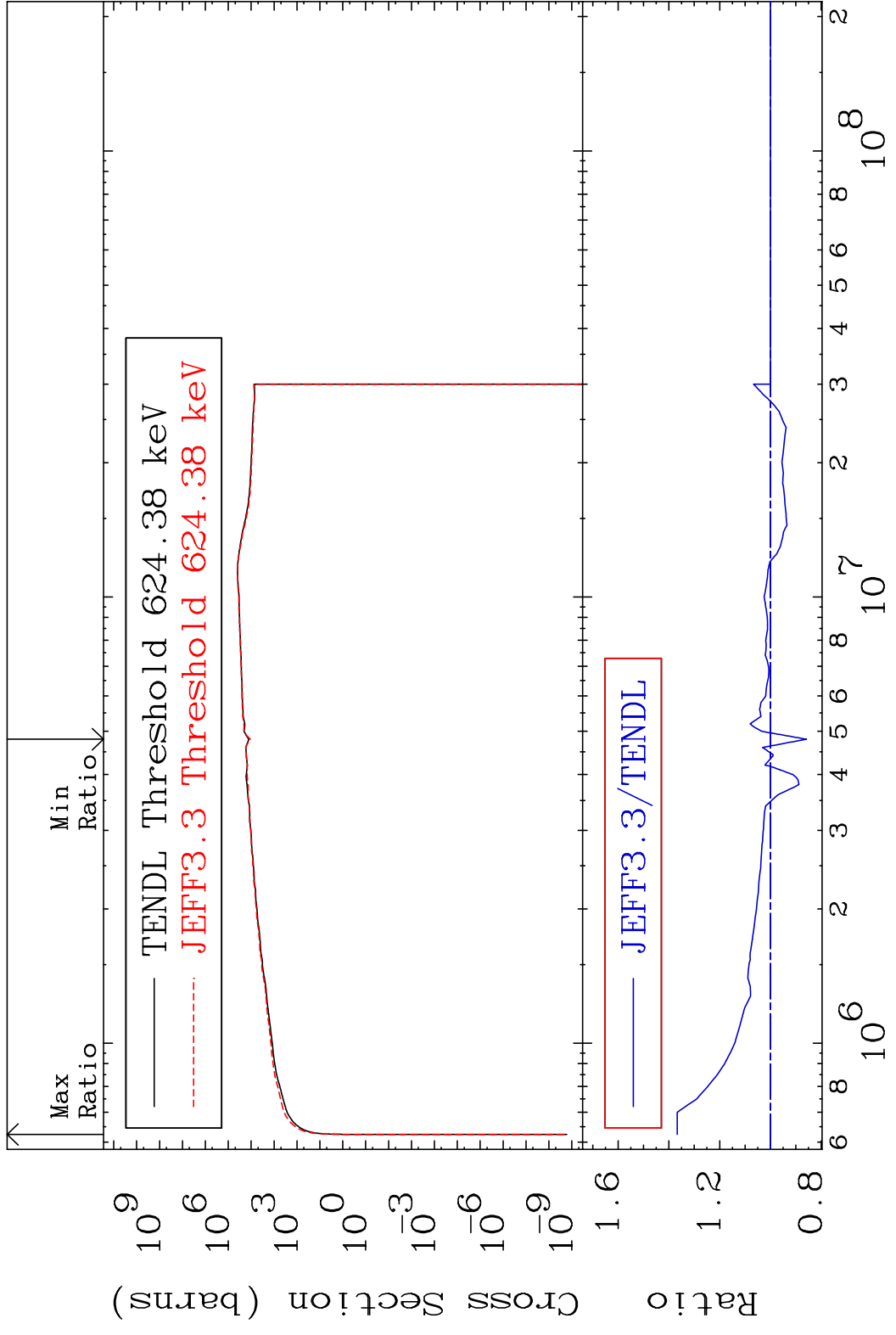
Incident Energy (eV)

36-Kr-80

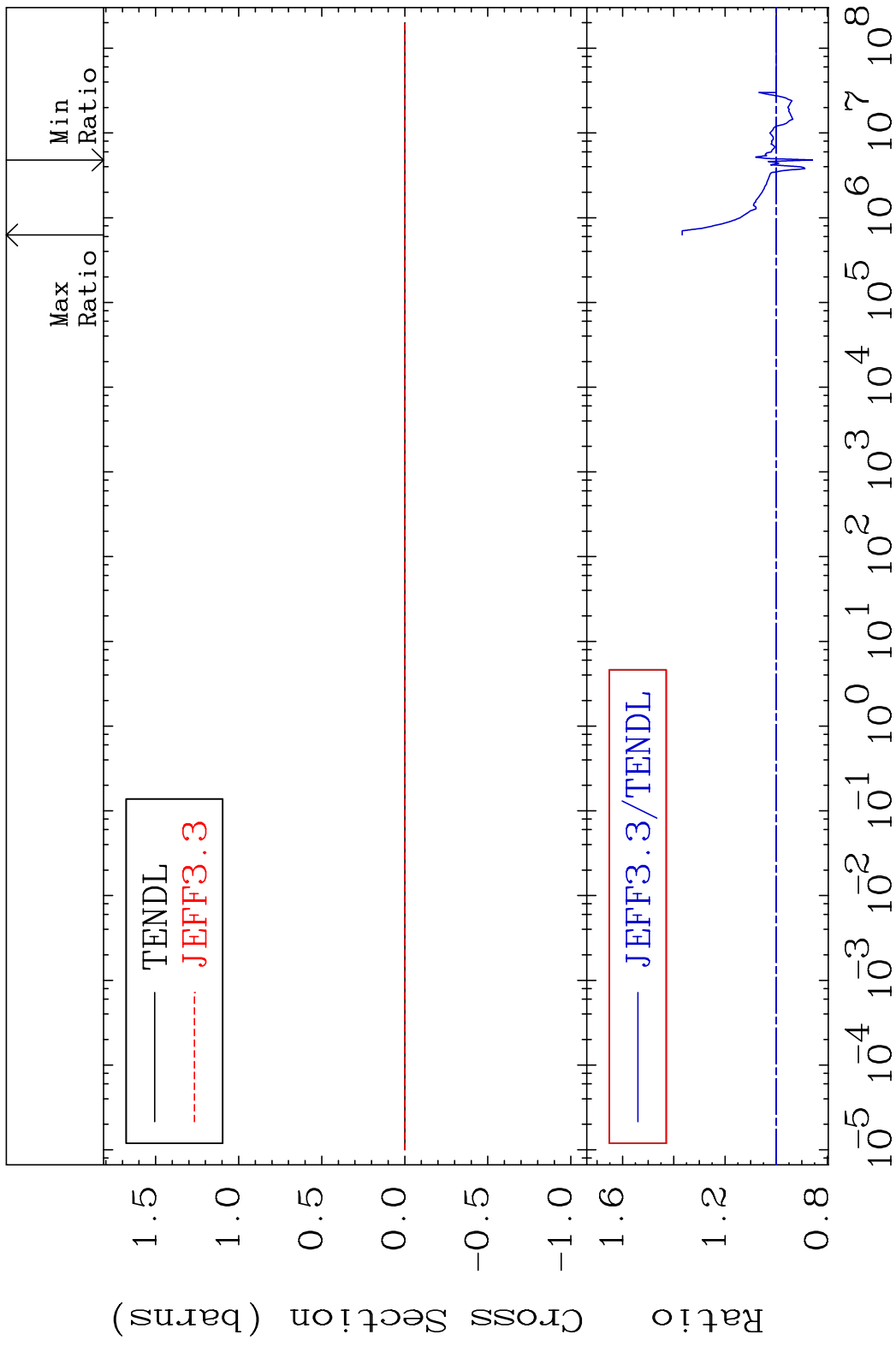
MAT 3631 Kerma non-elastic (all but mt2) 36-Kr-80
 Cross Section -99.99 To 9999. %



MAT 3631 Kerma inelastic (mt51-91) 36-Kr-80
 Cross Section -14.15 To 36.73 %



MAT 3631 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-80
 Cross Section -14.15 To 36.73 %

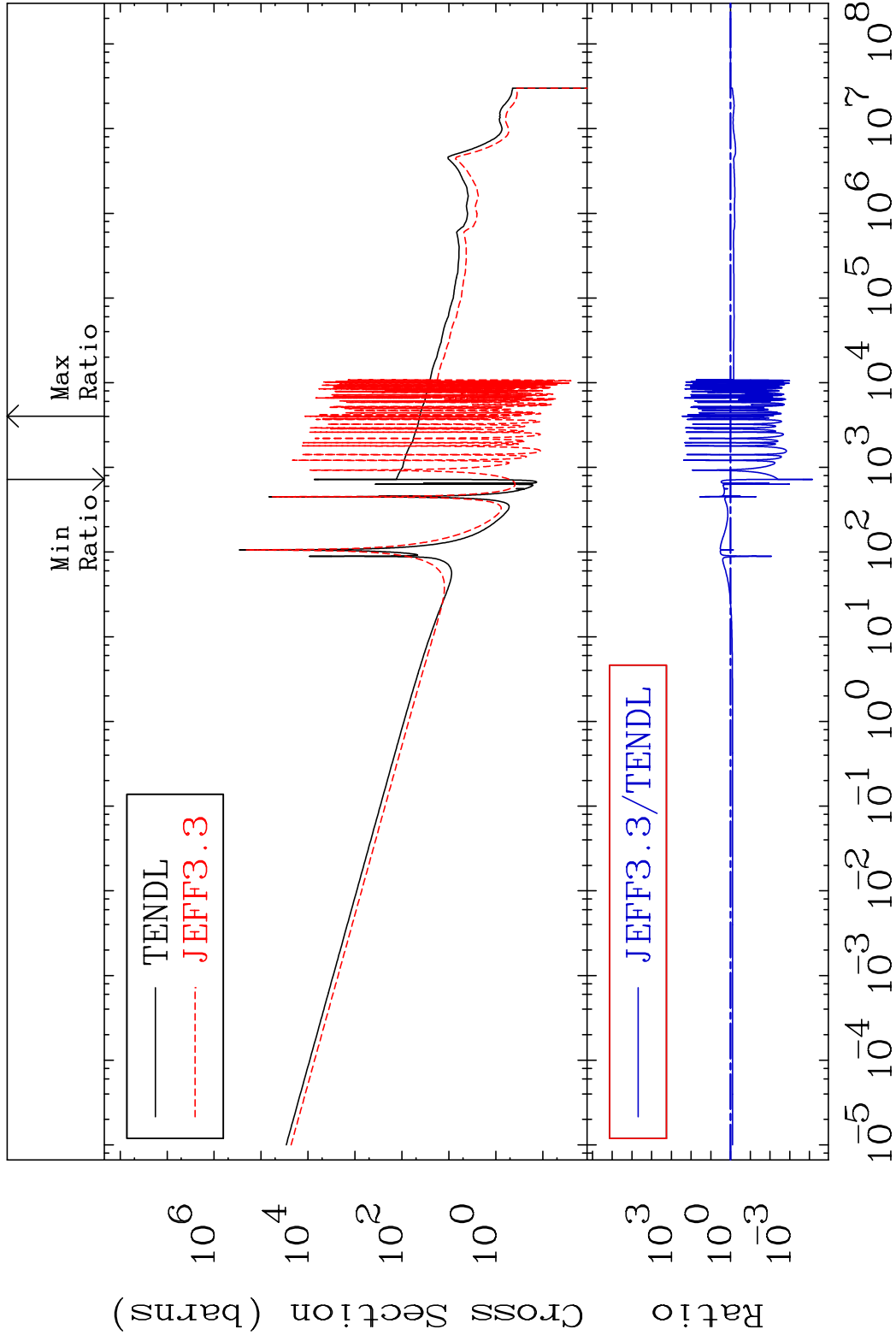


MAT 3631

Kerma capture (mt102)

36-Kr-80

Cross Section -99.99 To 9999. %

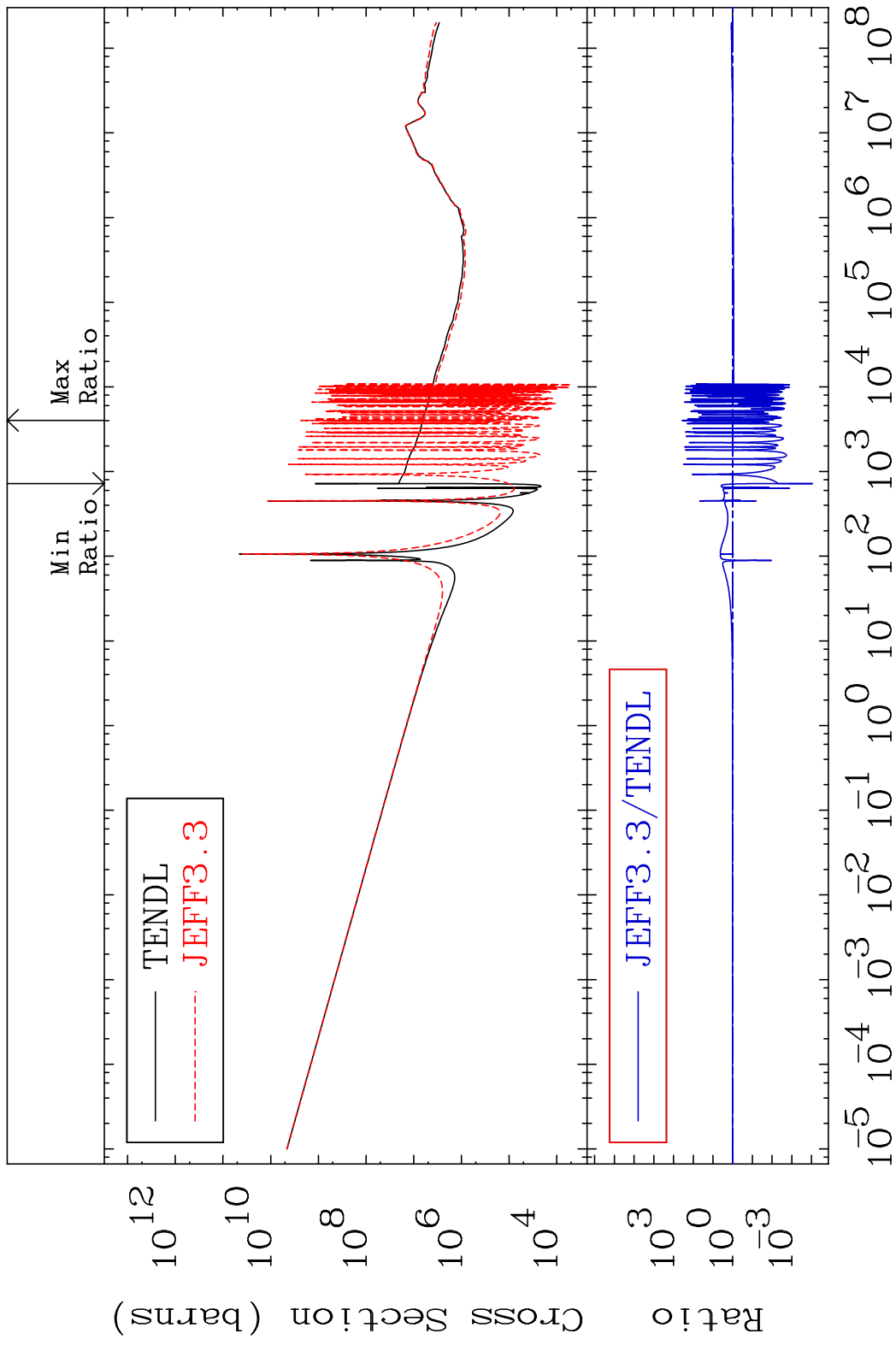


57

Incident Energy (eV)

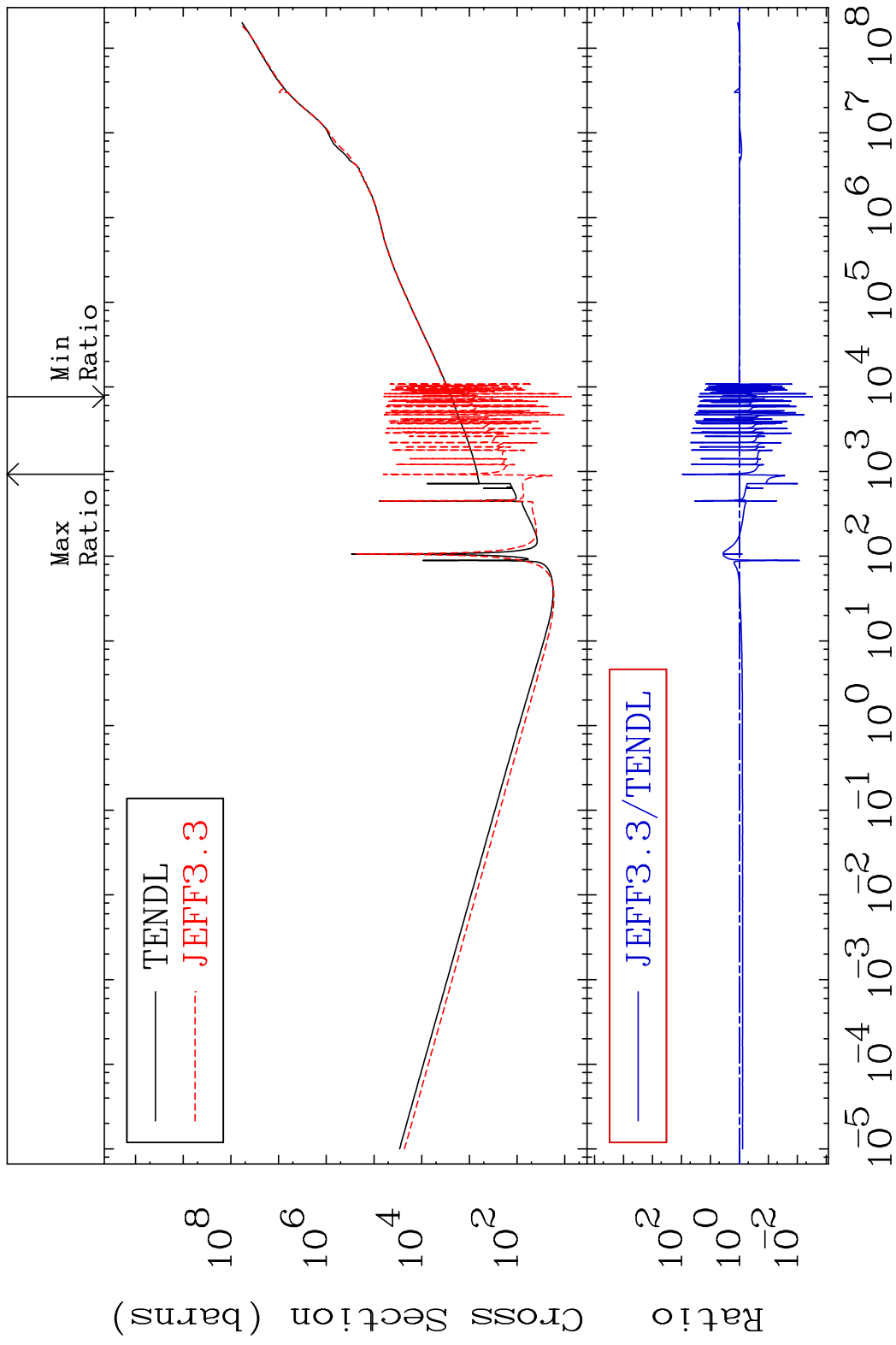
36-Kr-80

MAT 3631 Total photon (eV-barns) 36-Kr-80
 Cross Section -99.99 To 9999. %

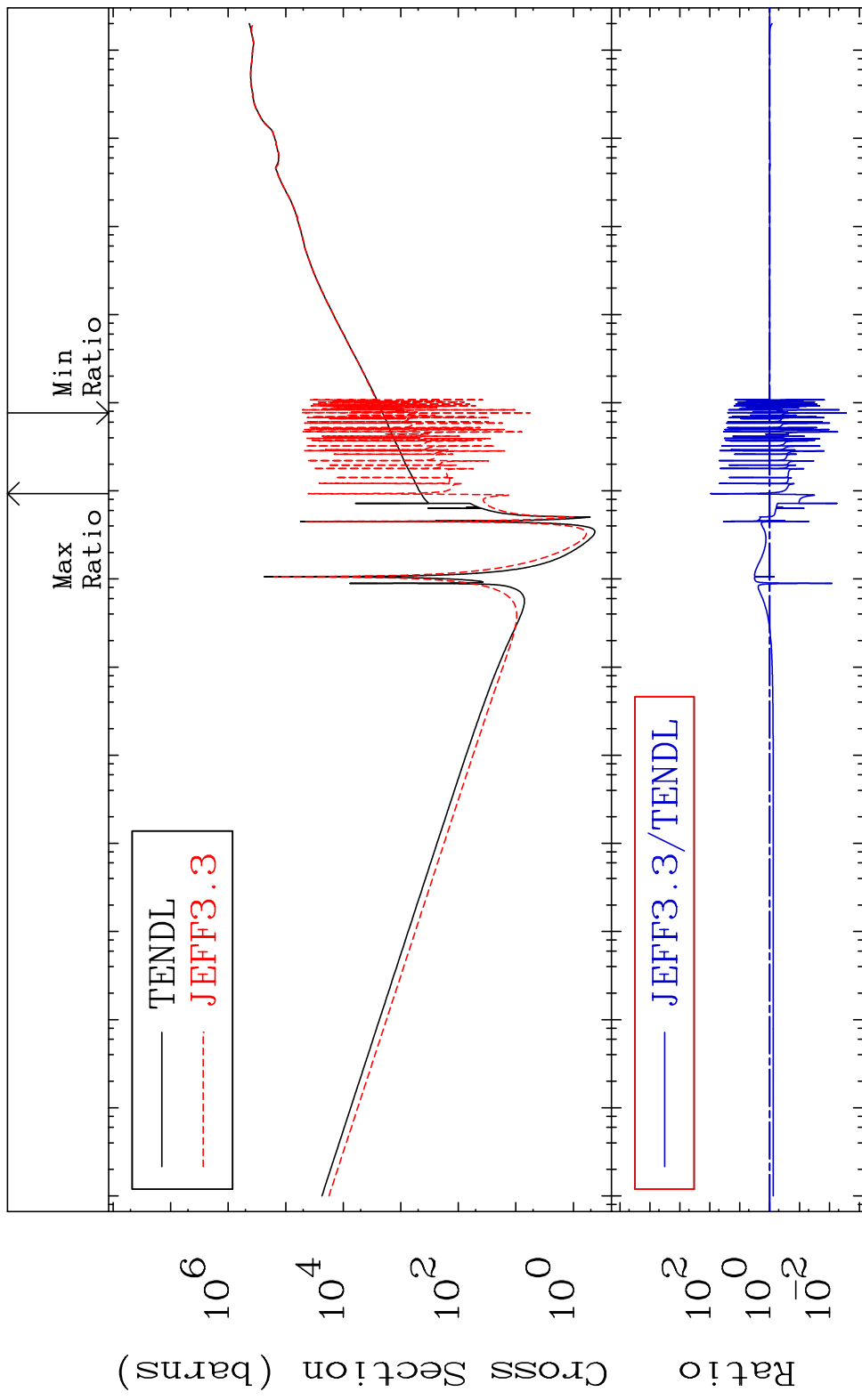


58 Incident Energy (eV) 36-Kr-80

MAT 3631 Total kinematic kerma (high limit) 36-Kr-80
 Cross Section -99.70 To 9257. %



MAT 3631 Dpa total (eV-barns) 36-Kr-80
 Cross Section -99.73 To 9163. %



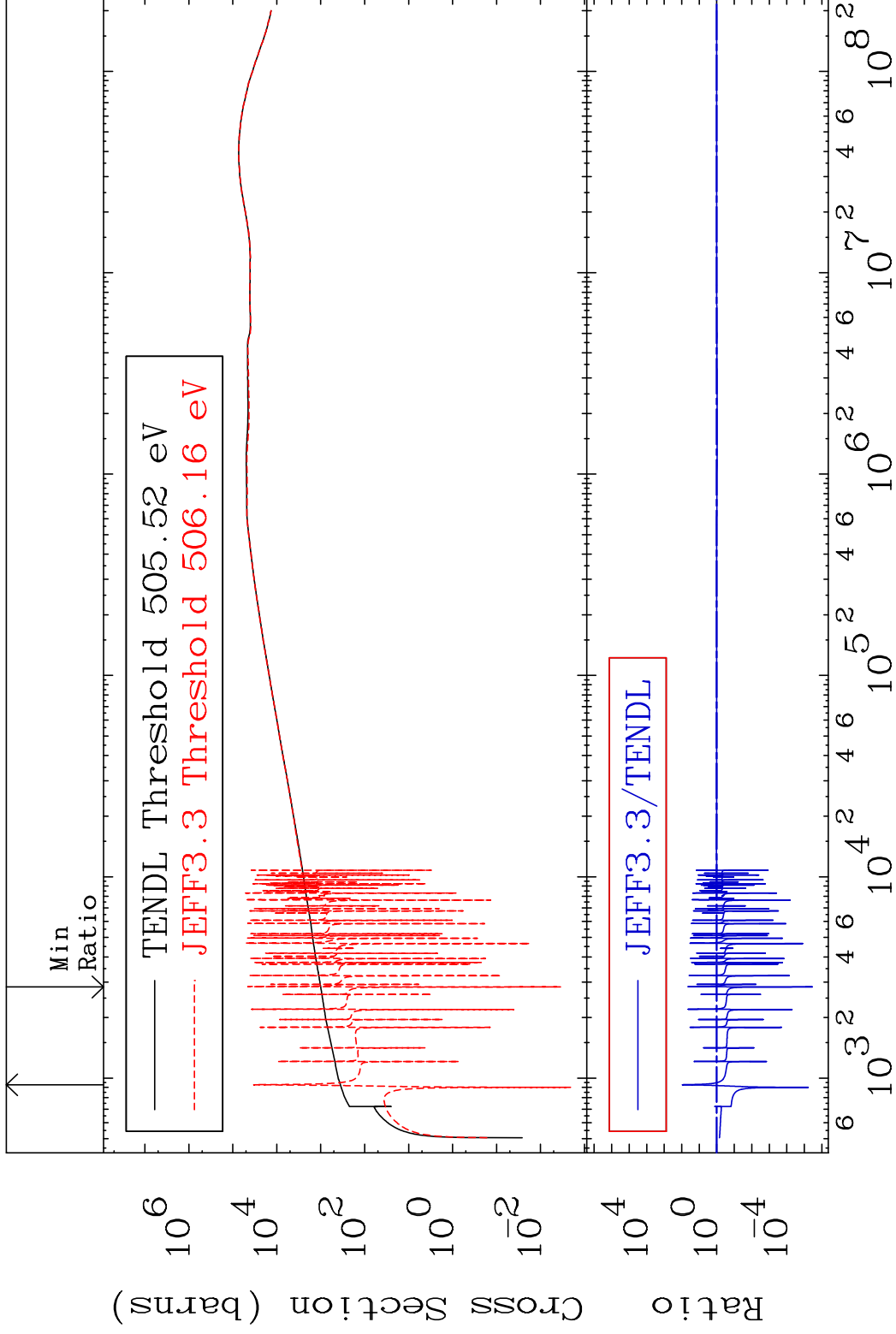
60 Incident Energy (eV) 36-Kr-80

MAT 3631

Dpa elastic (mt2)

36-Kr-80

Cross Section -100.0 To 9358. %

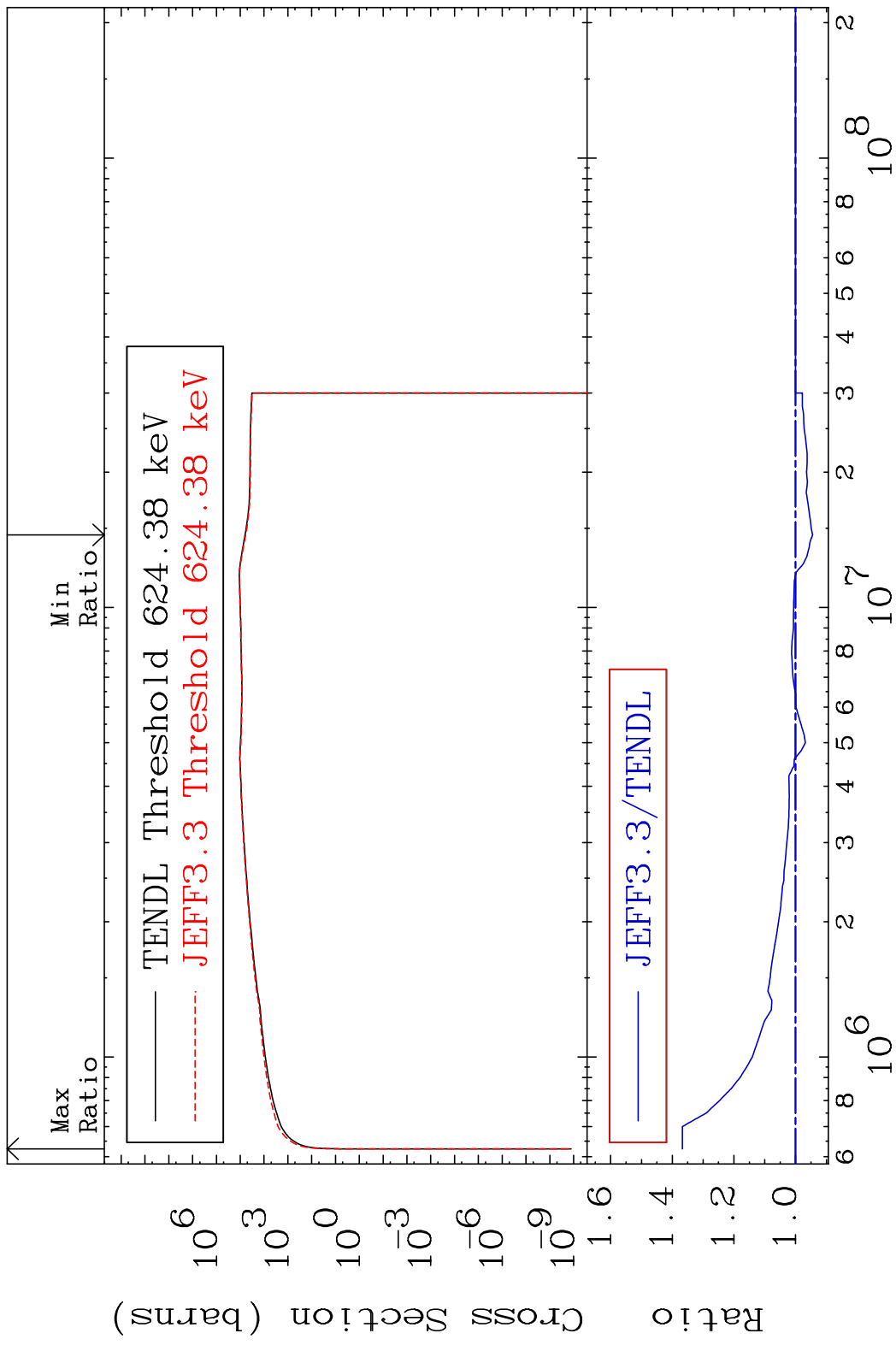


61

Incident Energy (eV)

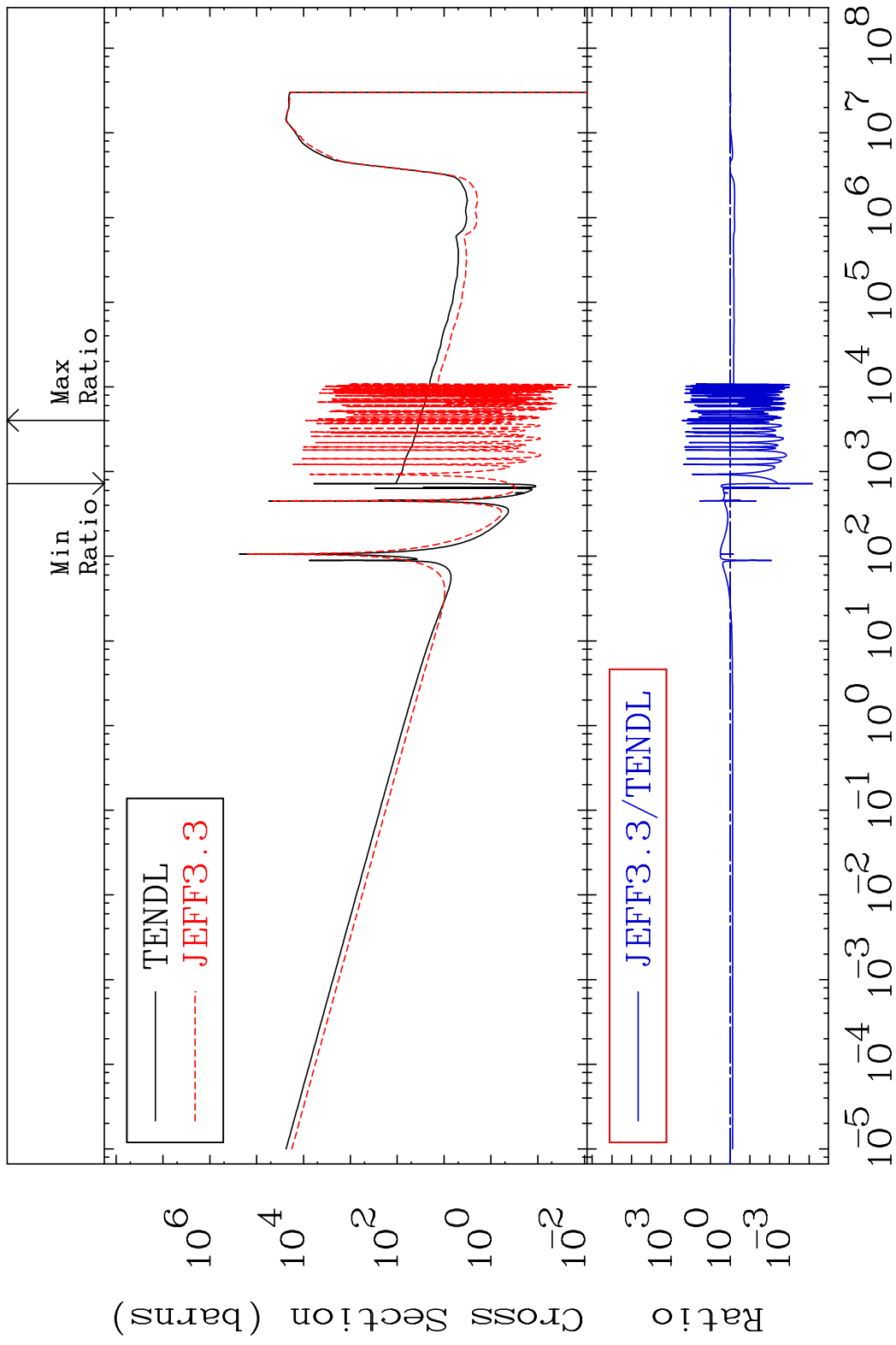
36-Kr-80

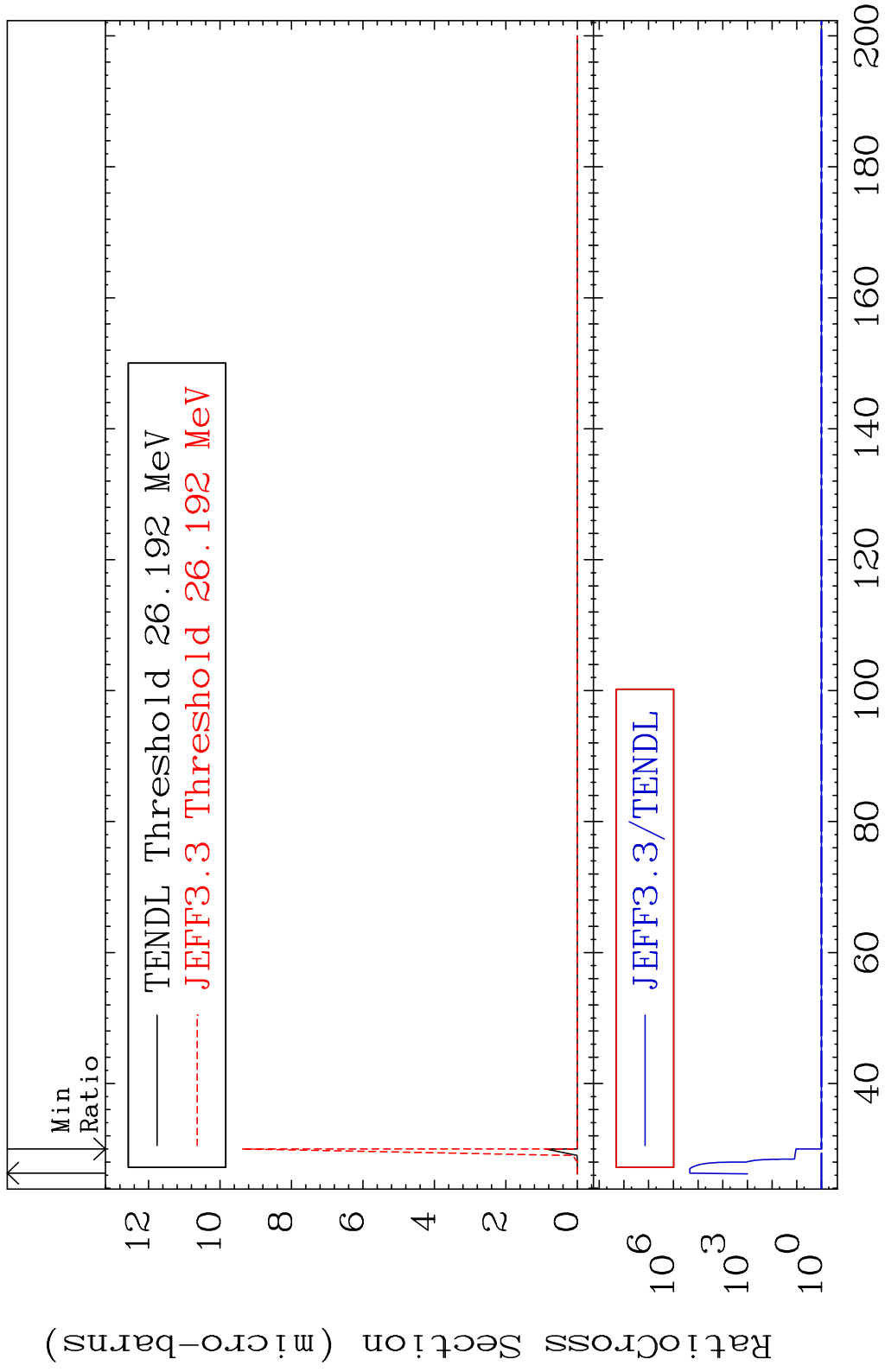
MAT 3631 Dpa inelastic (mt51-91) 36-Kr-80
 Cross Section -5.506 To 36.73 %



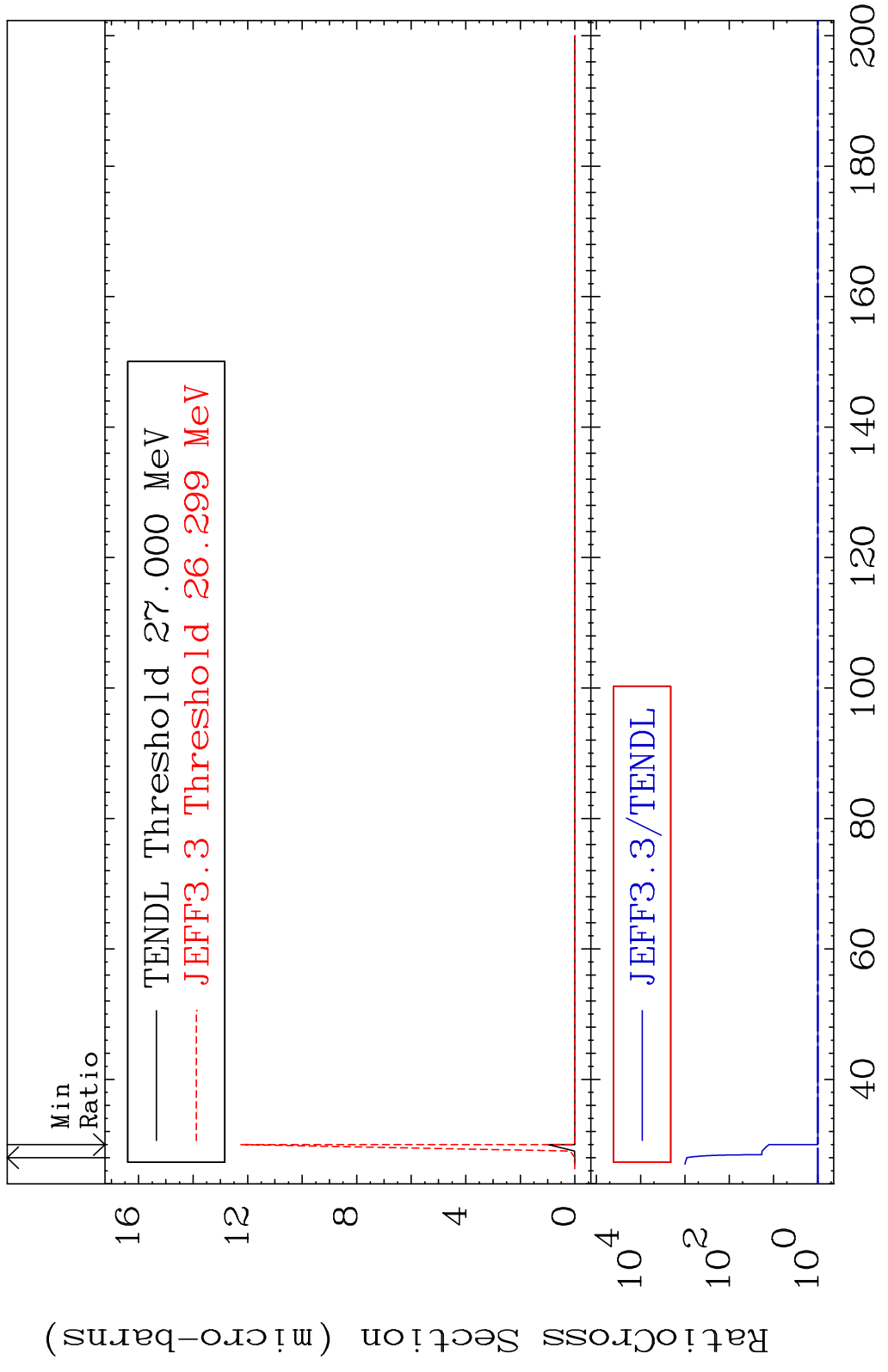
62 36-Kr-80

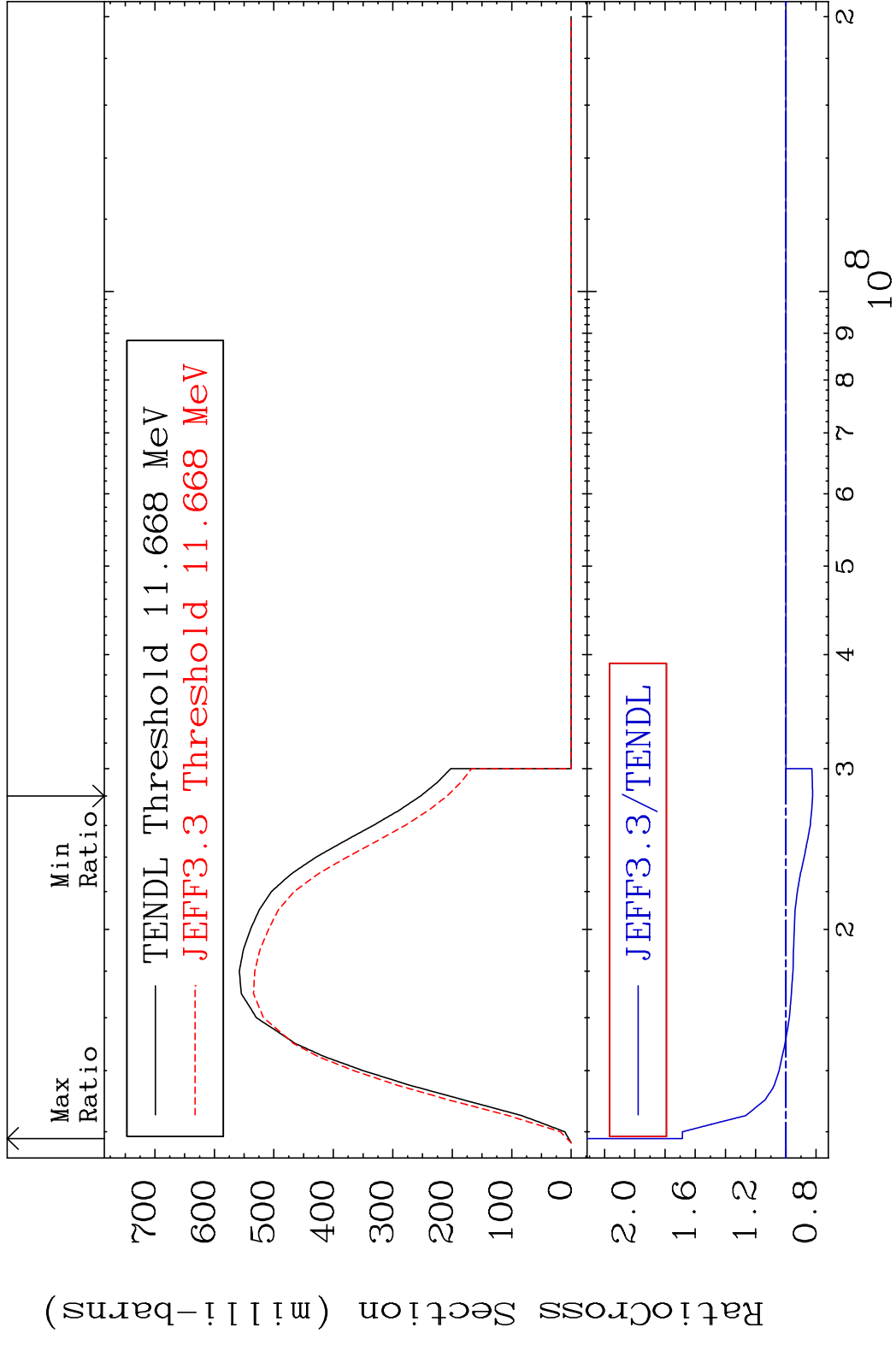
MAT 3631 Dpa disappearance (mt102 -120) 36-Kr-80
 Cross Section -99.99 To 9999. %



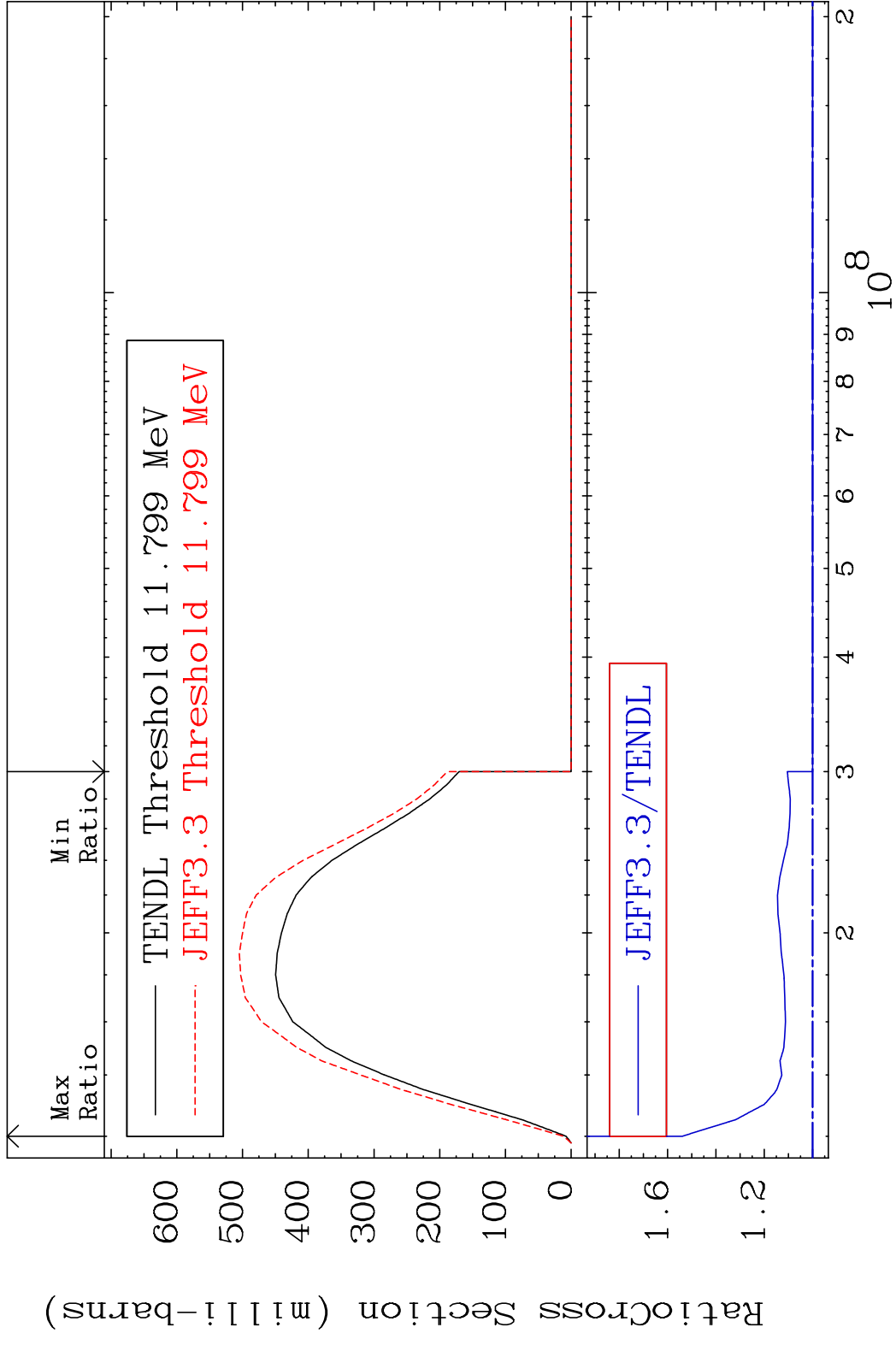


MAT 3631 (n,2n) d:35-Br-77m1 36-Kr-80
 Radionuclide Production Cross Section 9999. %

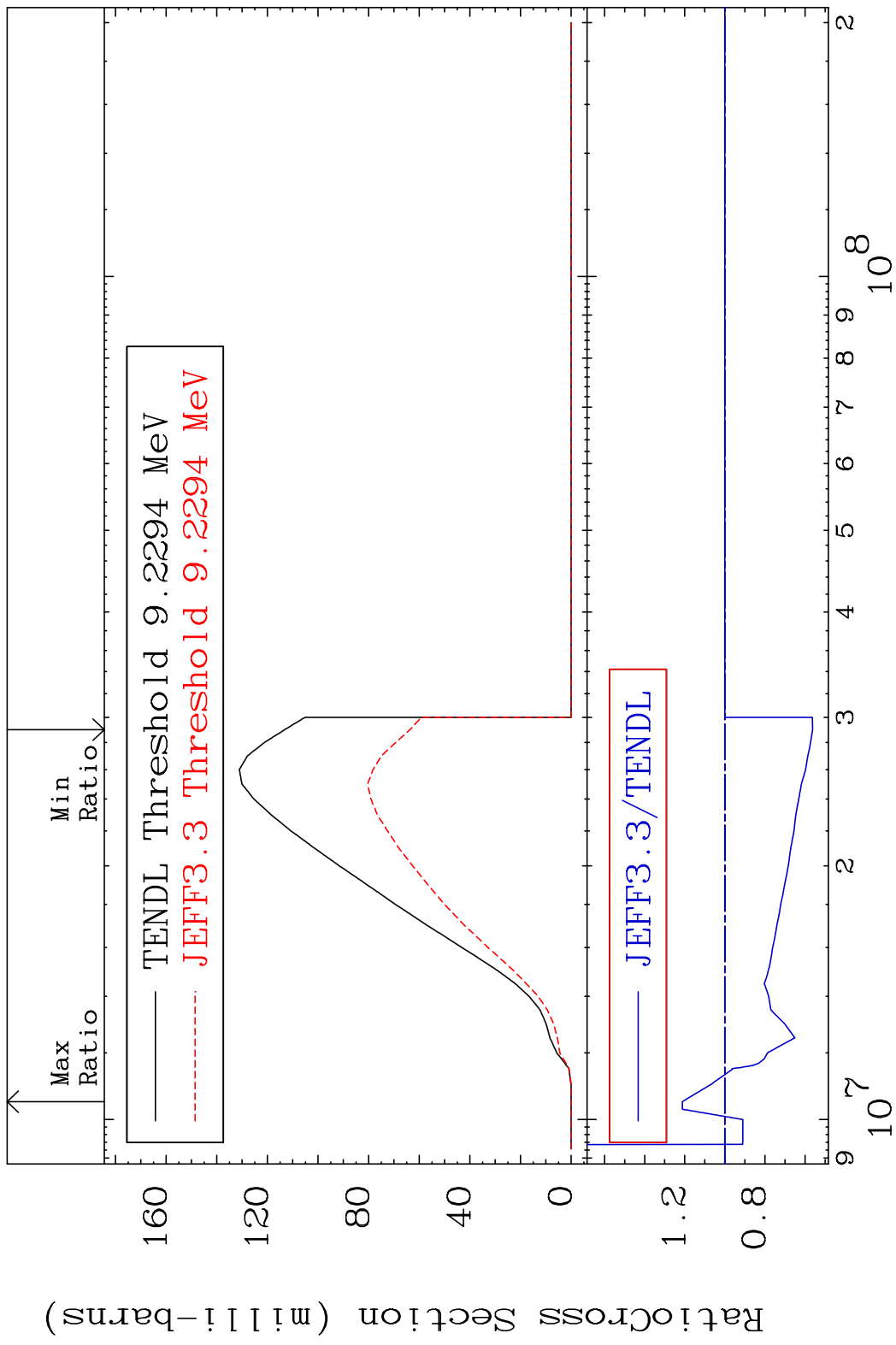




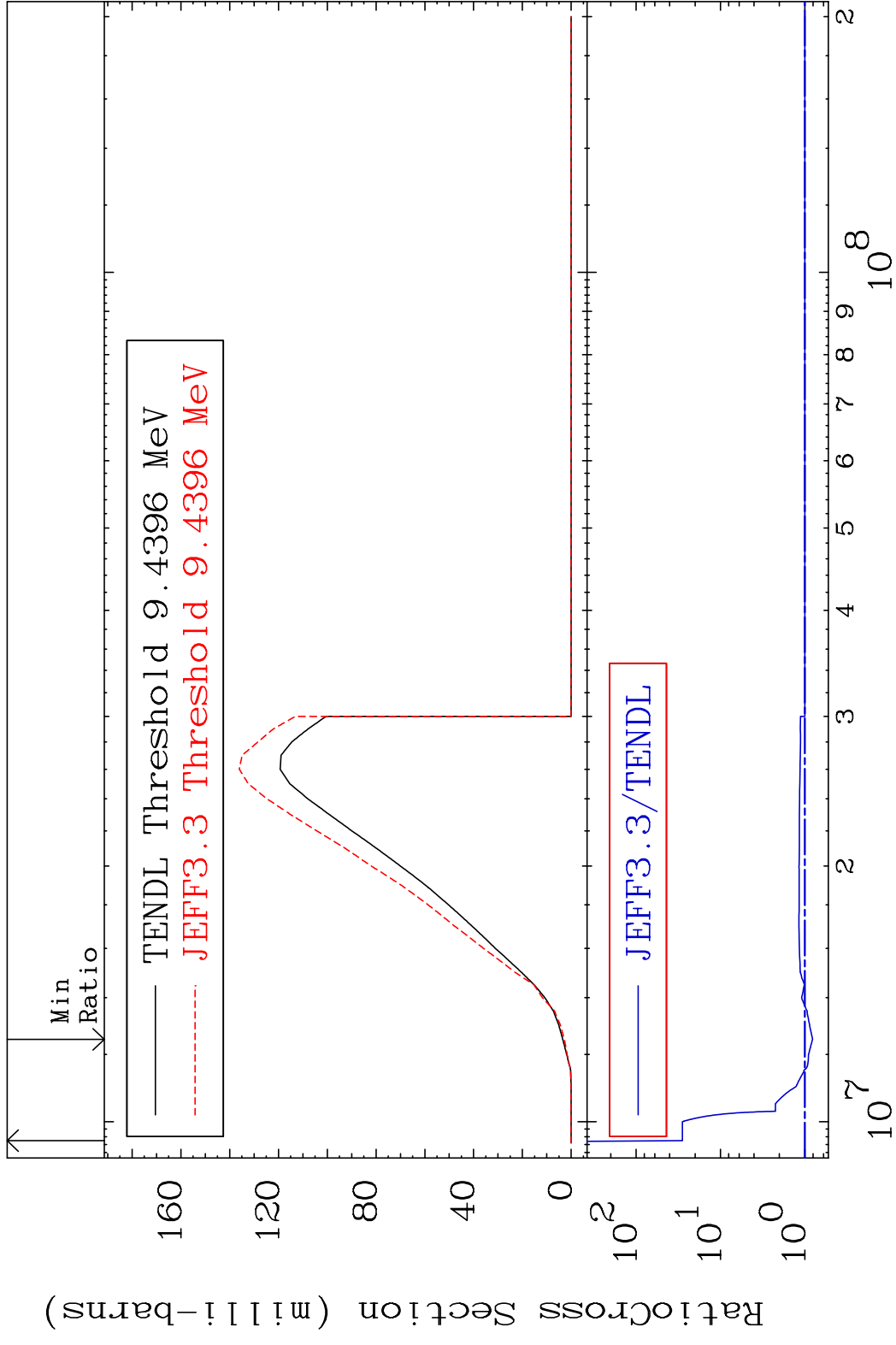
MAT 3631 (n,2n):36-Kr-79m1 36-Kr-80
 Radionuclide Production Cross Section 53.90 %

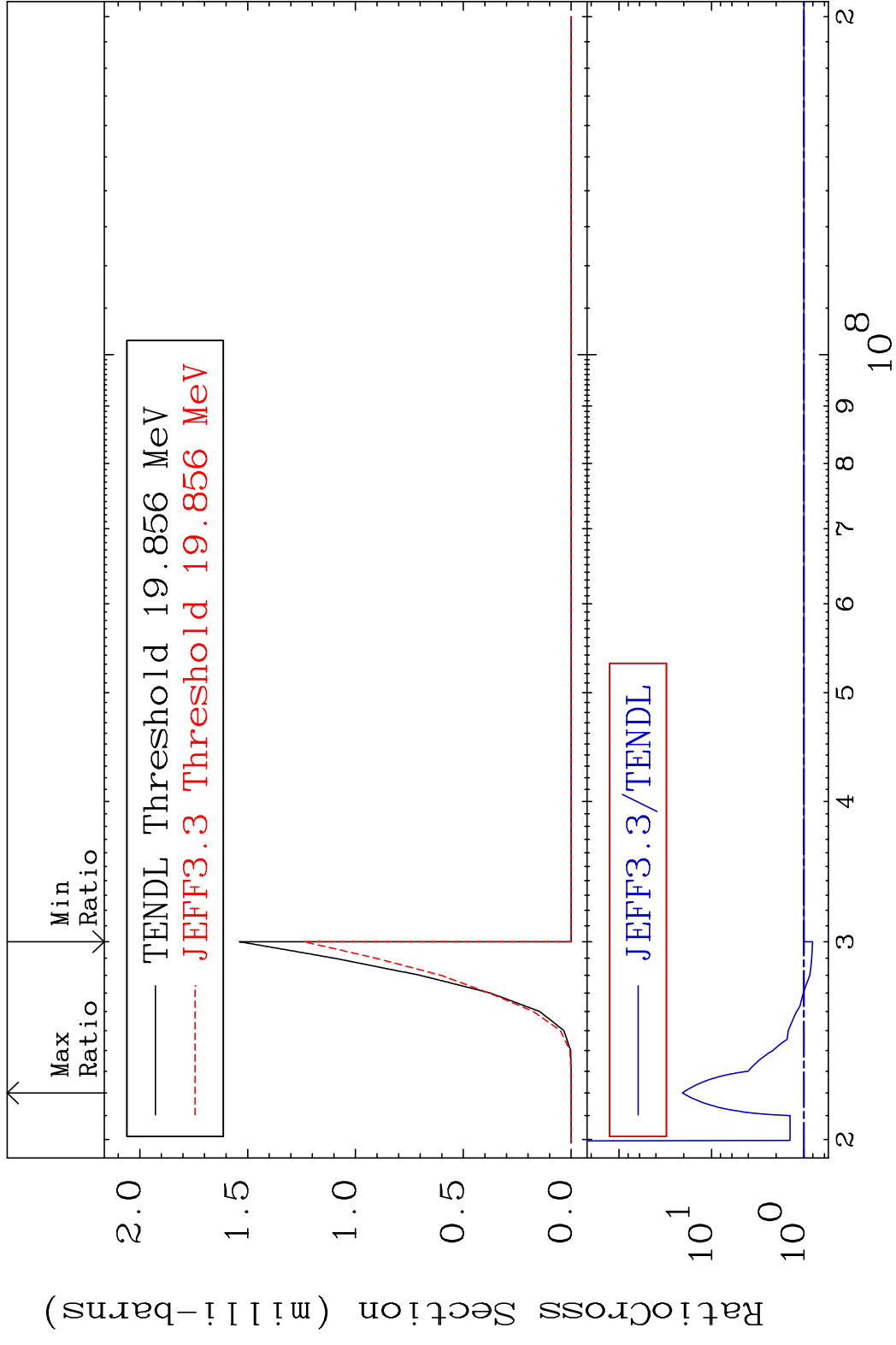


MAT 3631 (n, n') p:35-Br-79g 36-Kr-80
 Radionuclide Production Cross Section 21.19 %

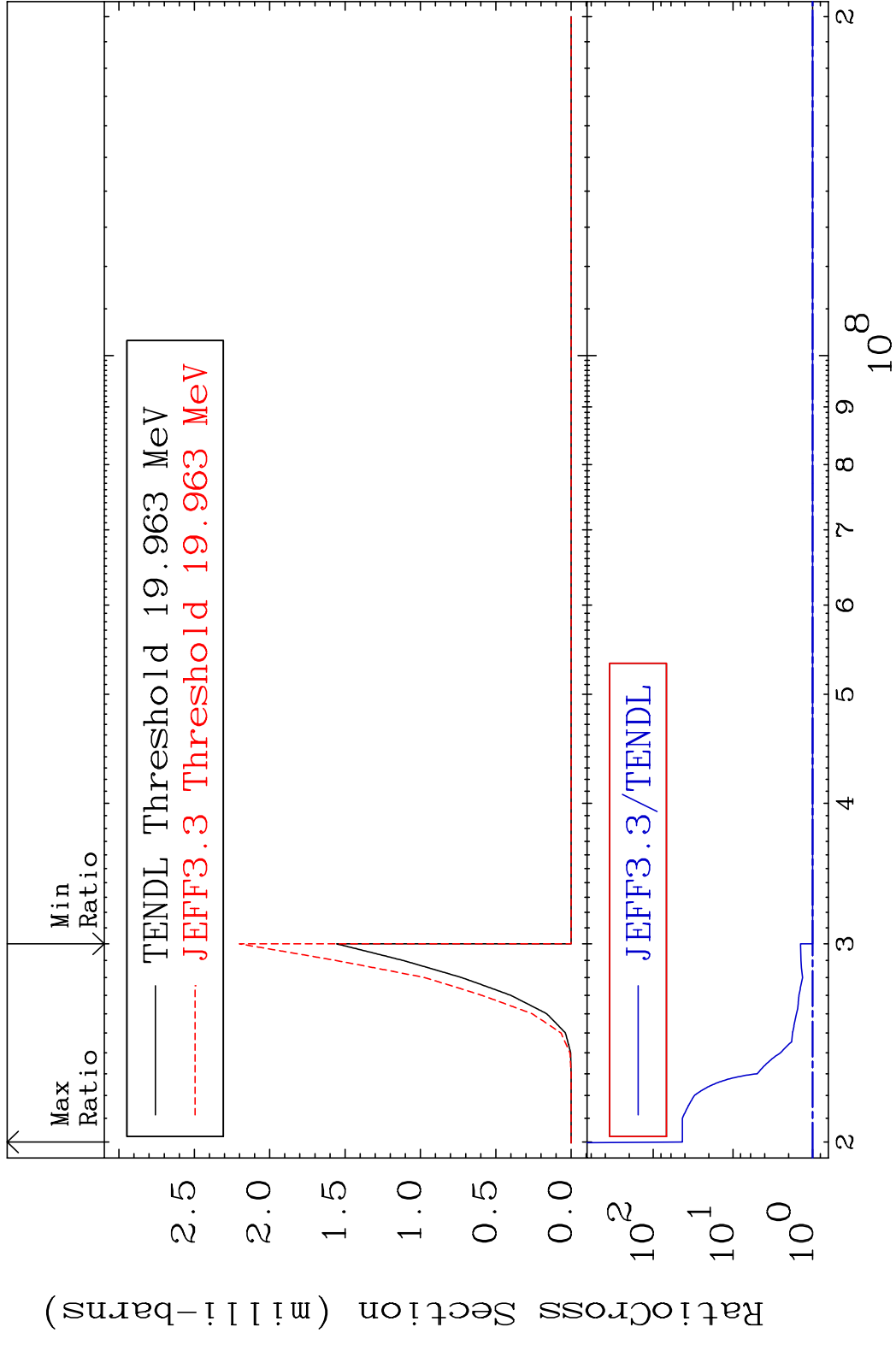


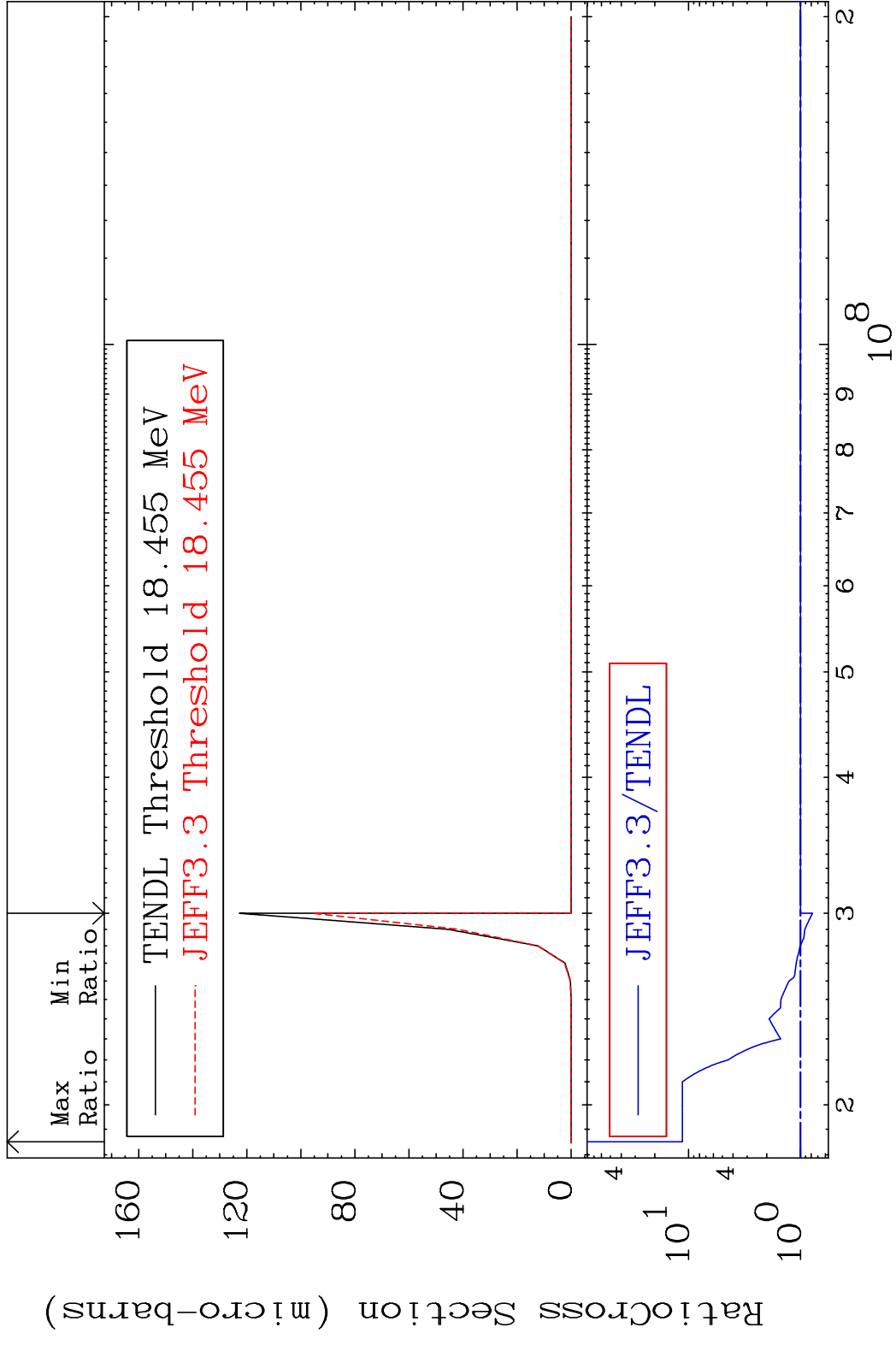
MAT 3631 (n, n') p:35-Br-79m1 36-Kr-80
 Radionuclide Production Cross Section 19e09 d10 2731. %



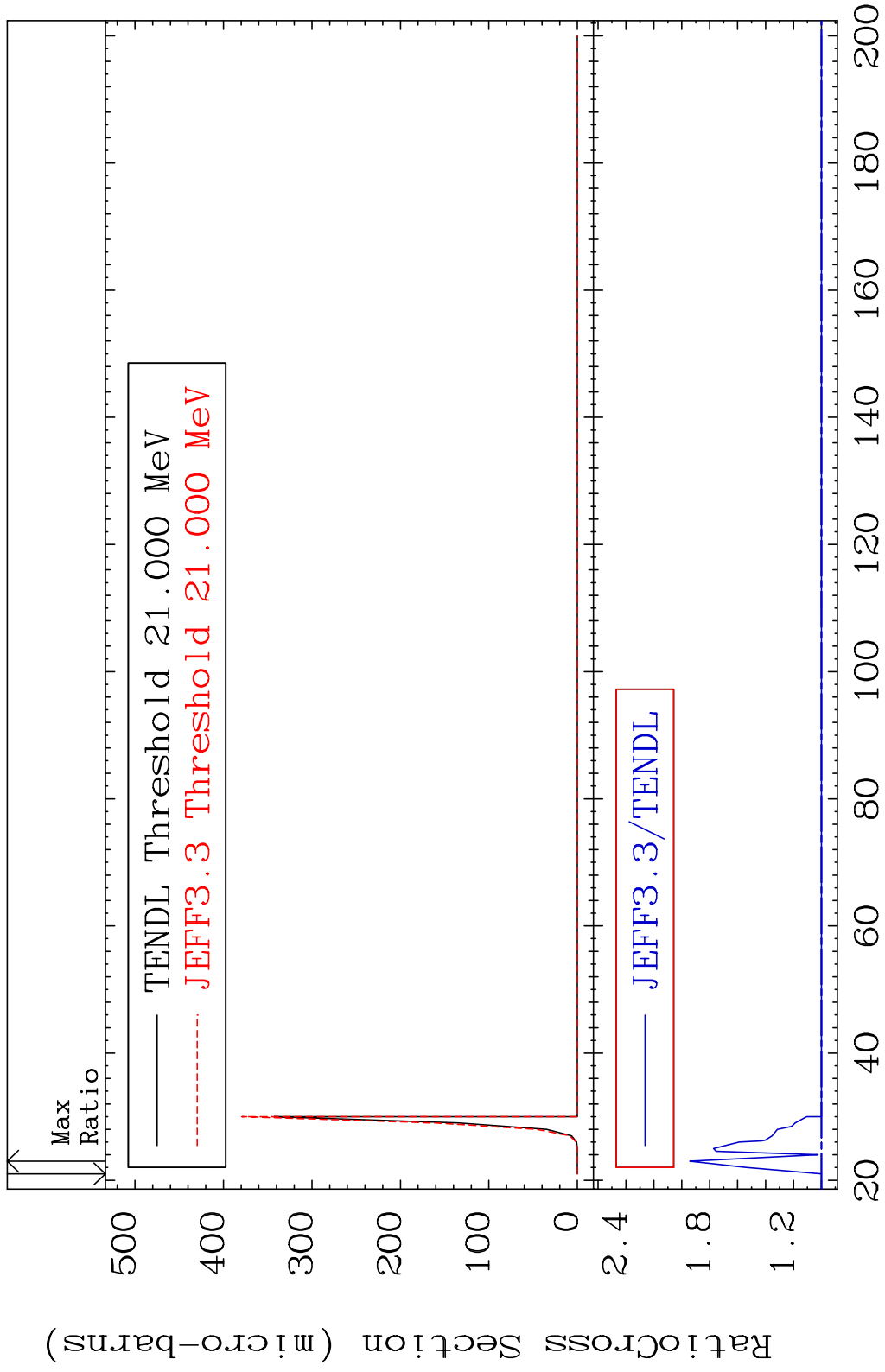


MAT 3631 (n, n') t:35-Br-77m1 36-Kr-80
 Radionuclide Production Cross Section 4212. %

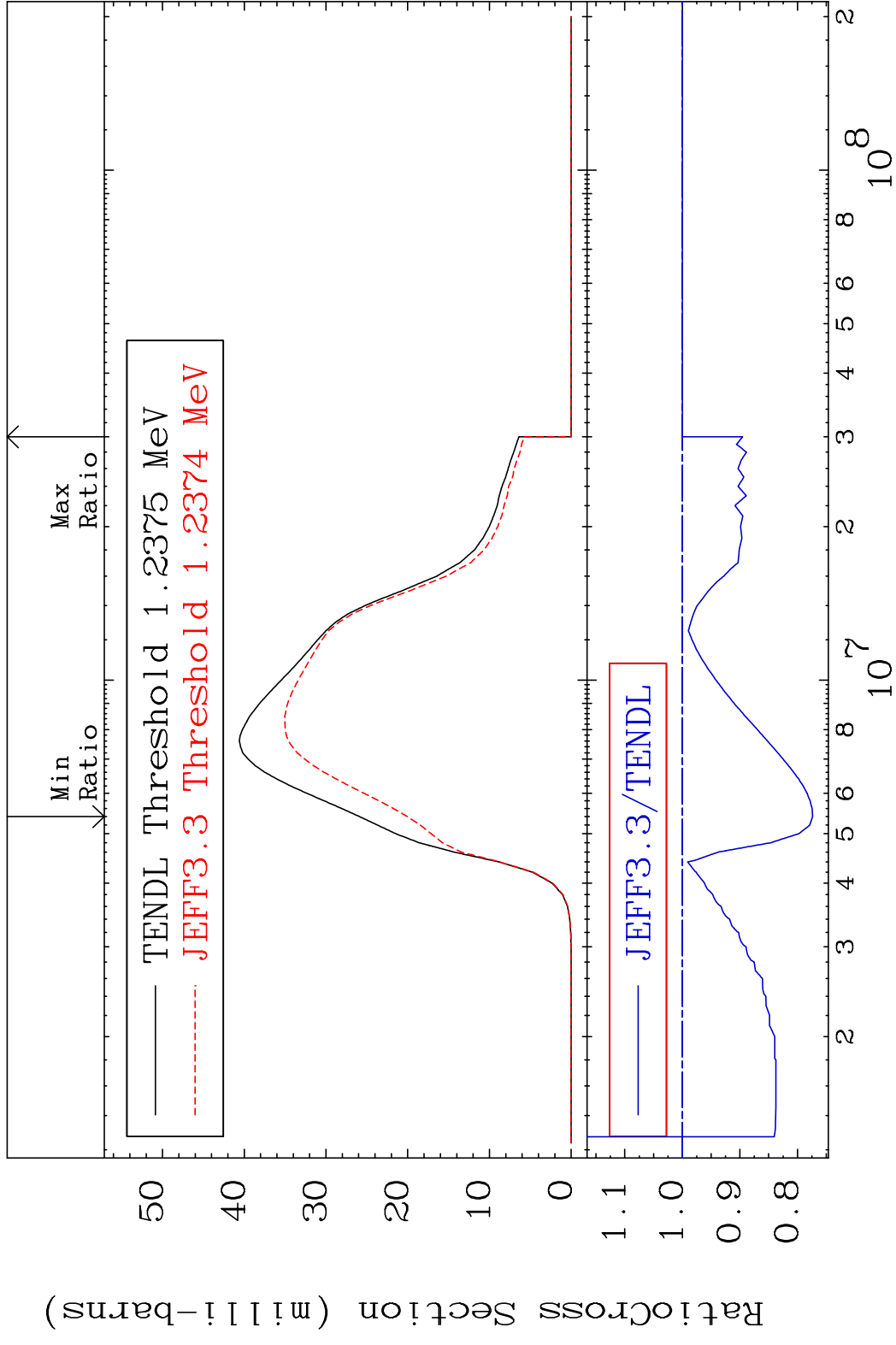




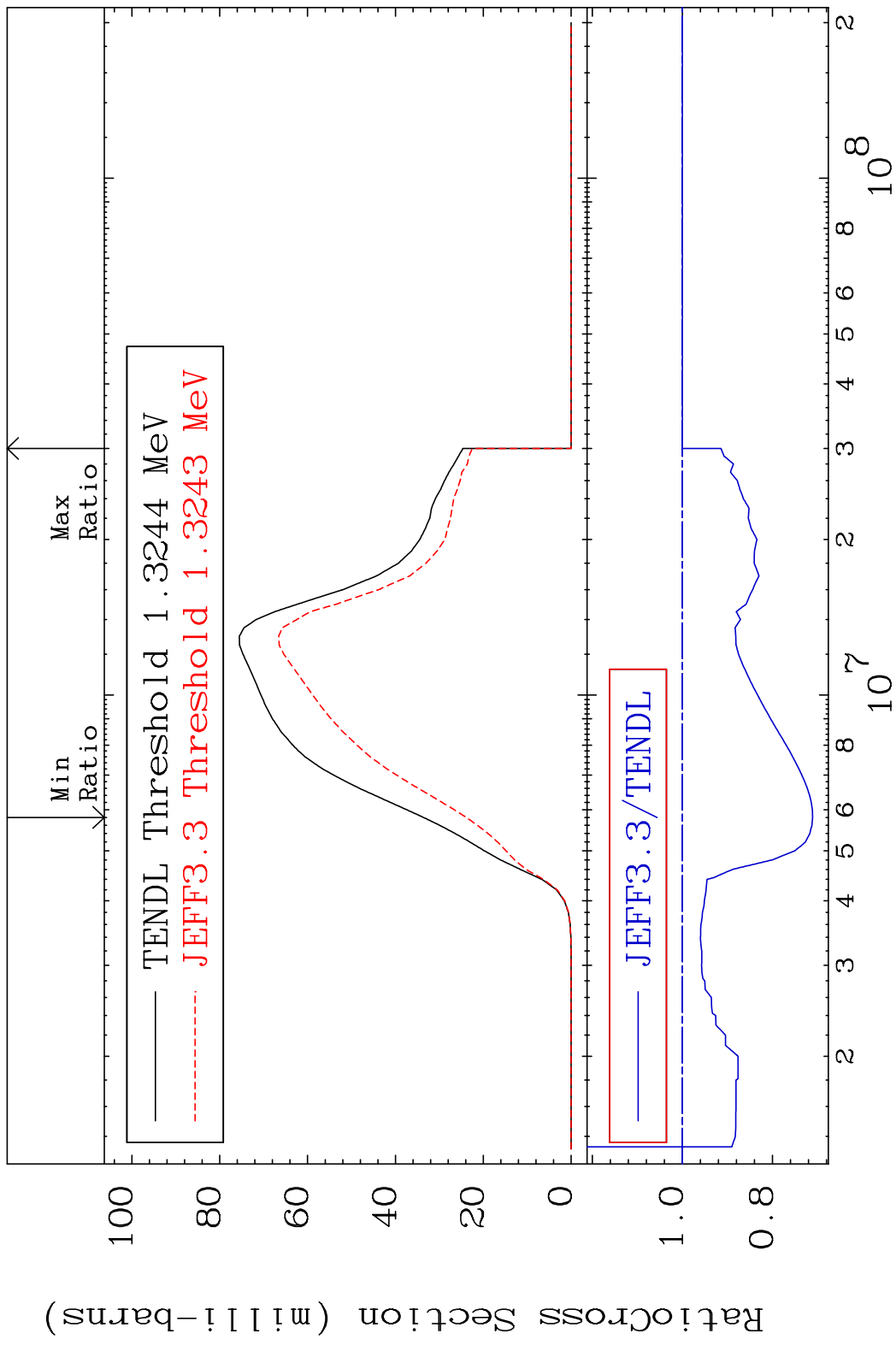
MAT 3631 (n, n') He-3:34-Se-77m1 36-Kr-80
 Radionuclide Production Cross Section 94.28 %



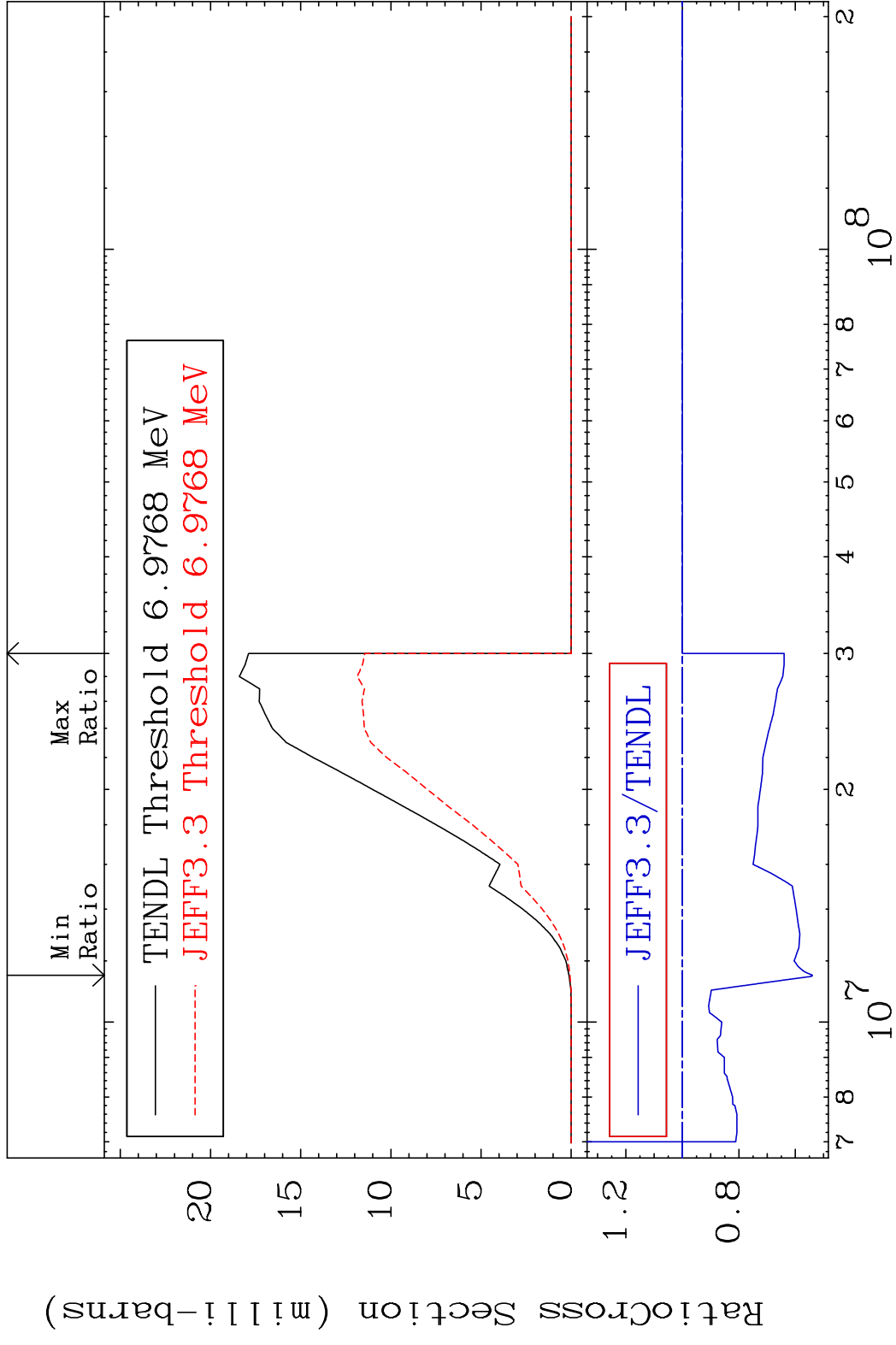
MAT 3631 (n, p) : 35-Br-80g 36-Kr-80
 Radionuclide Production Cross Section 0.000 %



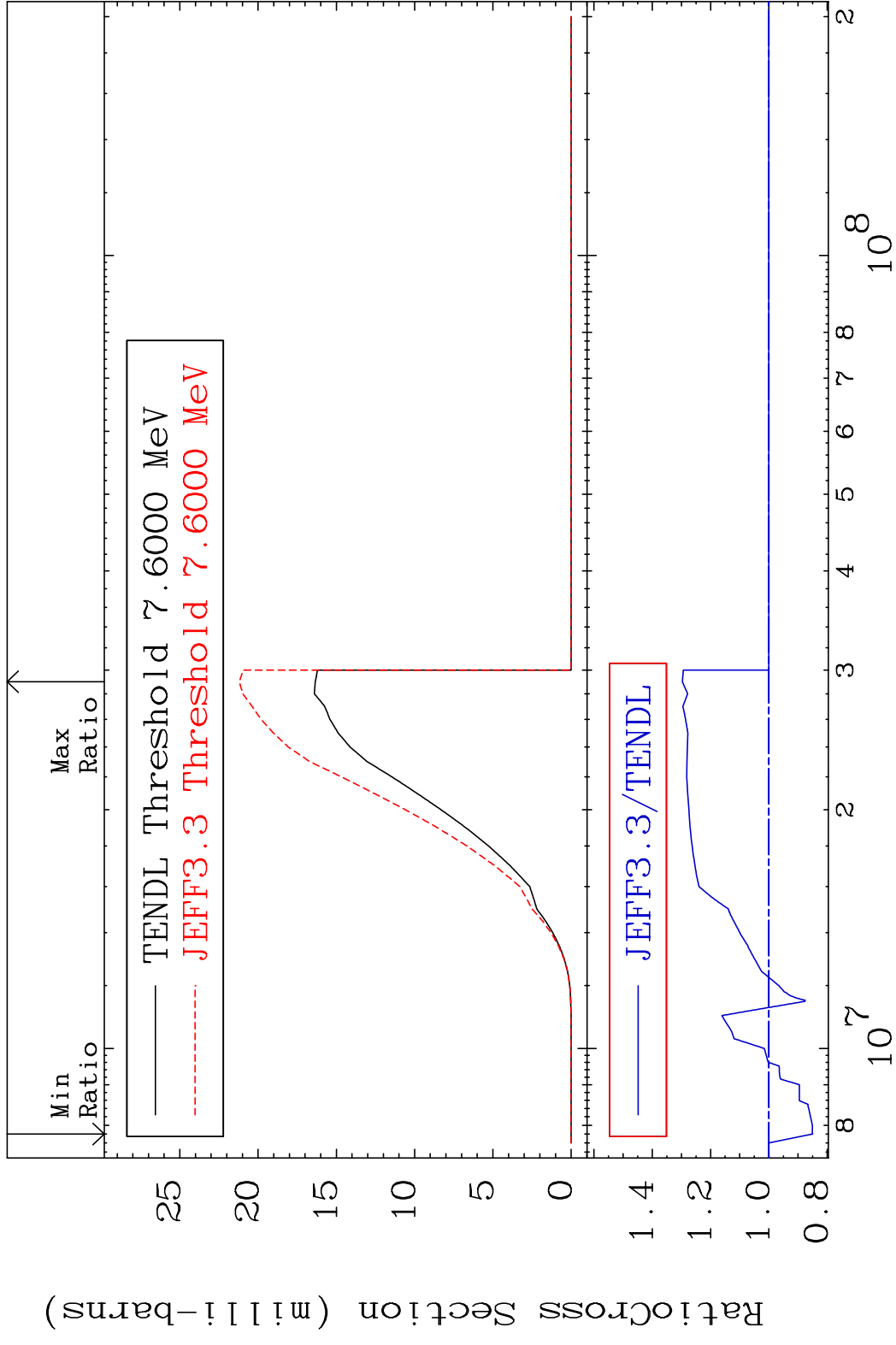
MAT 3631 (n, p):35-Br-80m2 36-Kr-80
 Radionuclide Production Cross Section to 0.000 %

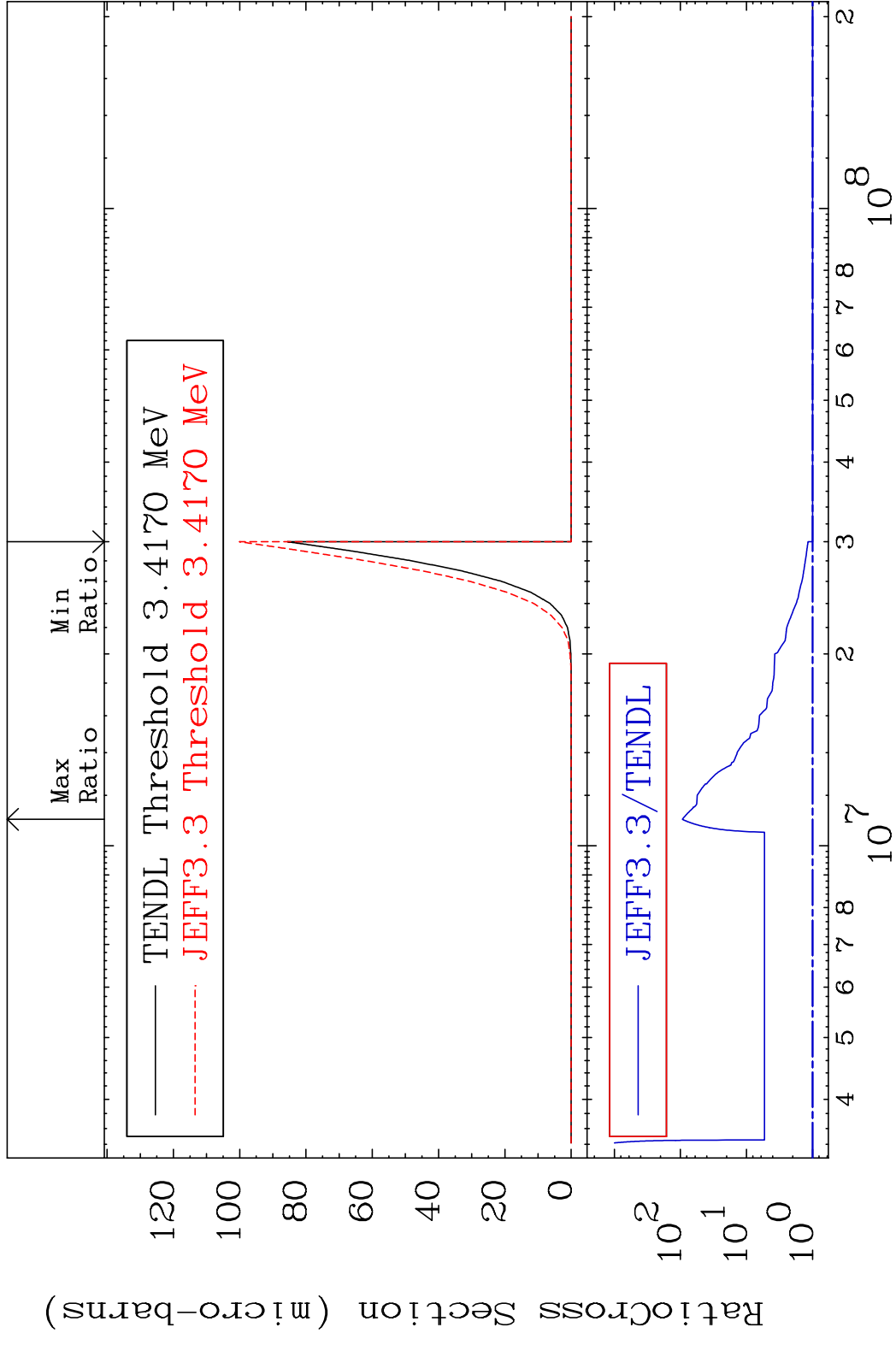


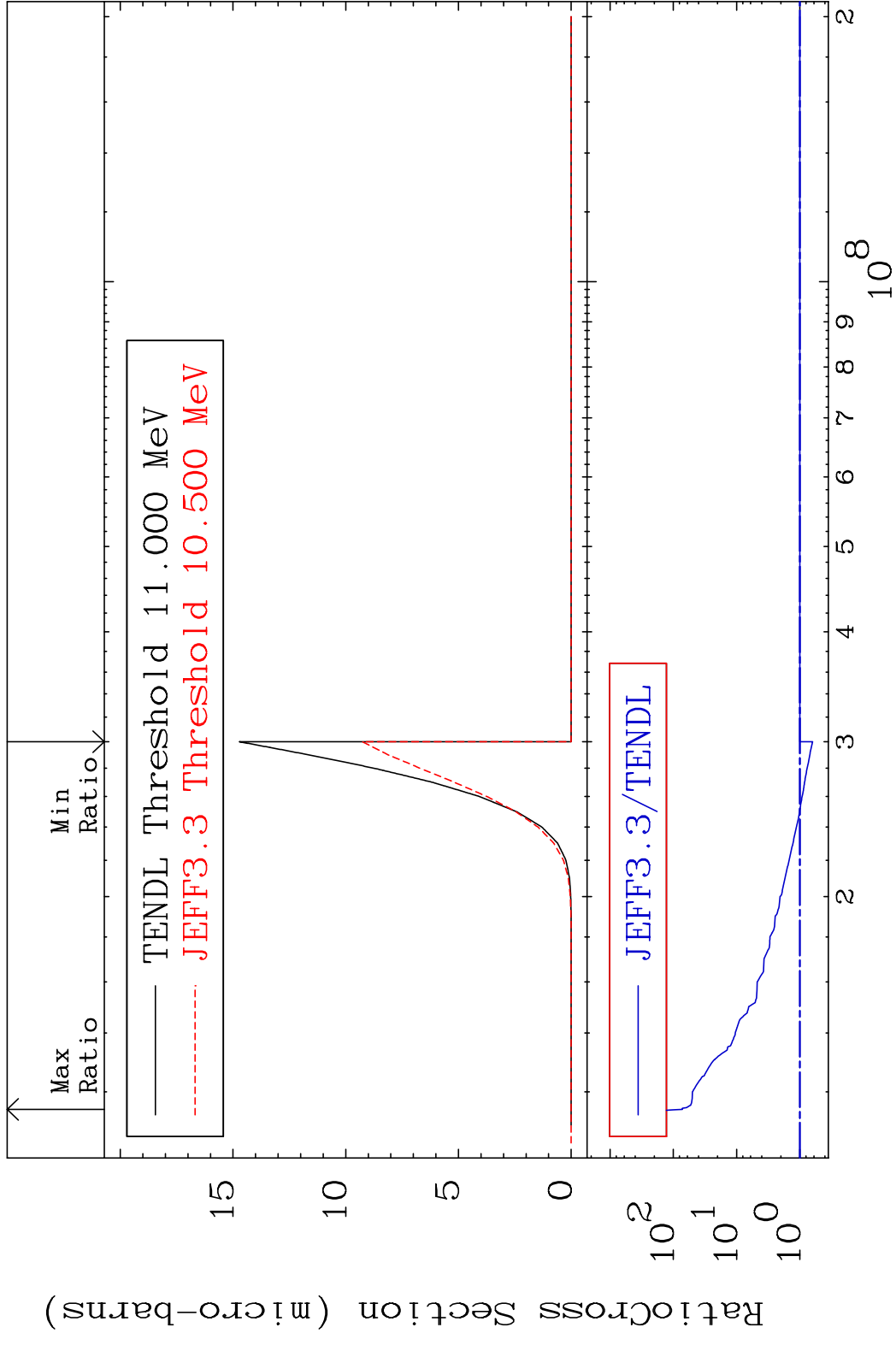
MAT 3631 (n, d): 35-Br-79g 36-Kr-80
 Radionuclide Production Cross Section 486081 d10 0.000 %



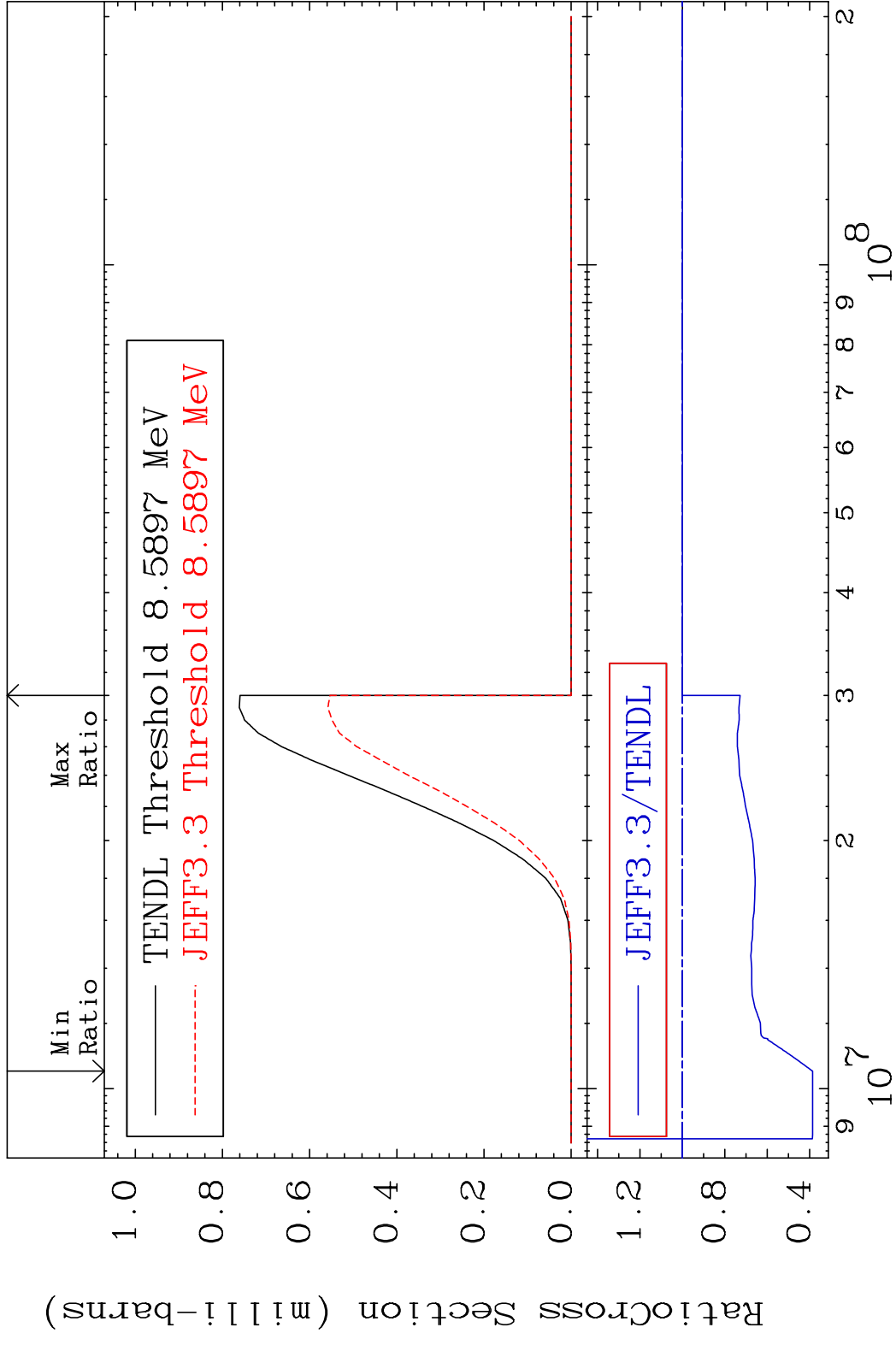
MAT 3631 (n,d):35-Br-79m1 36-Kr-80
 Radionuclide Production Cross Section 29.68 %





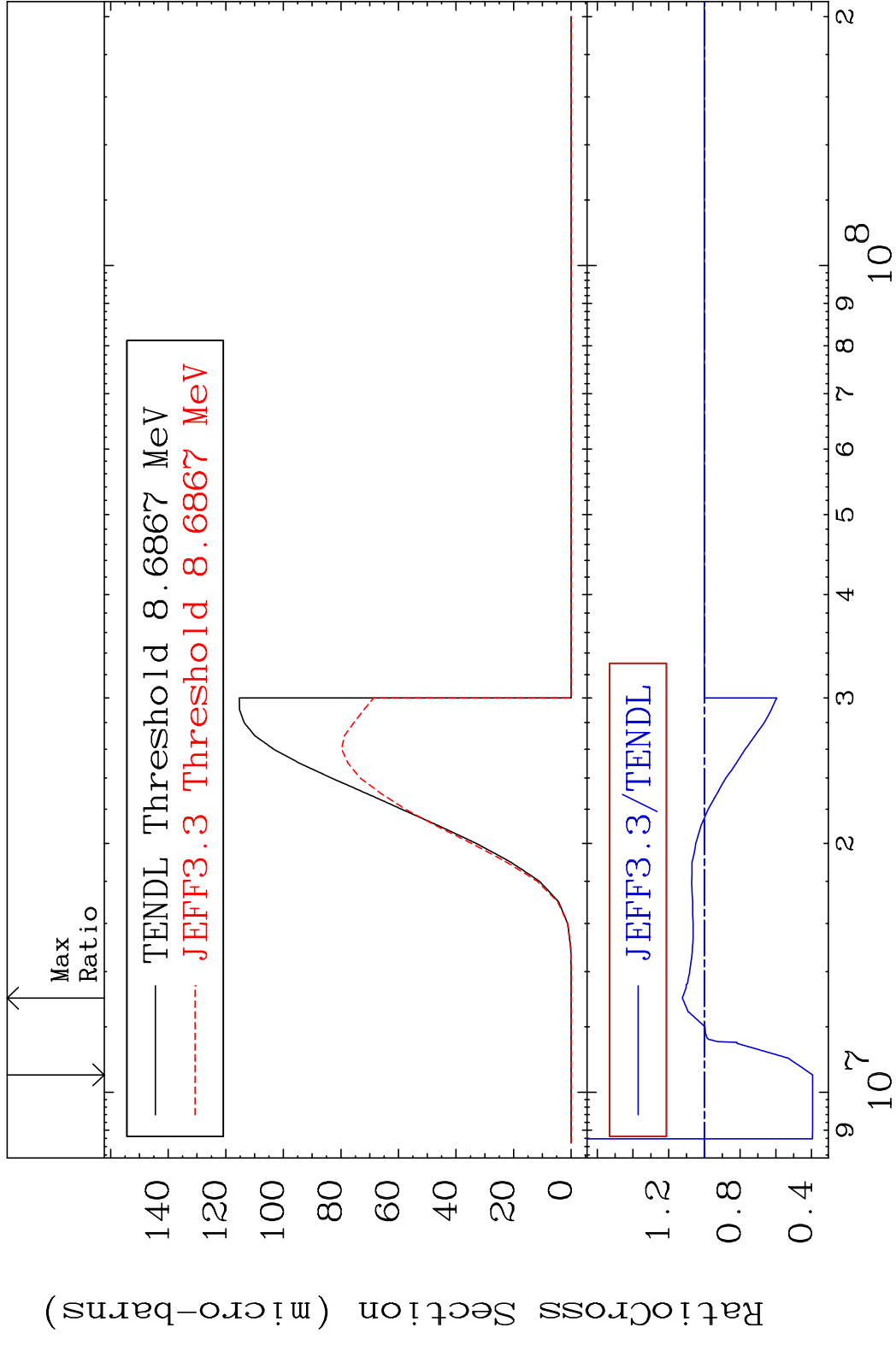


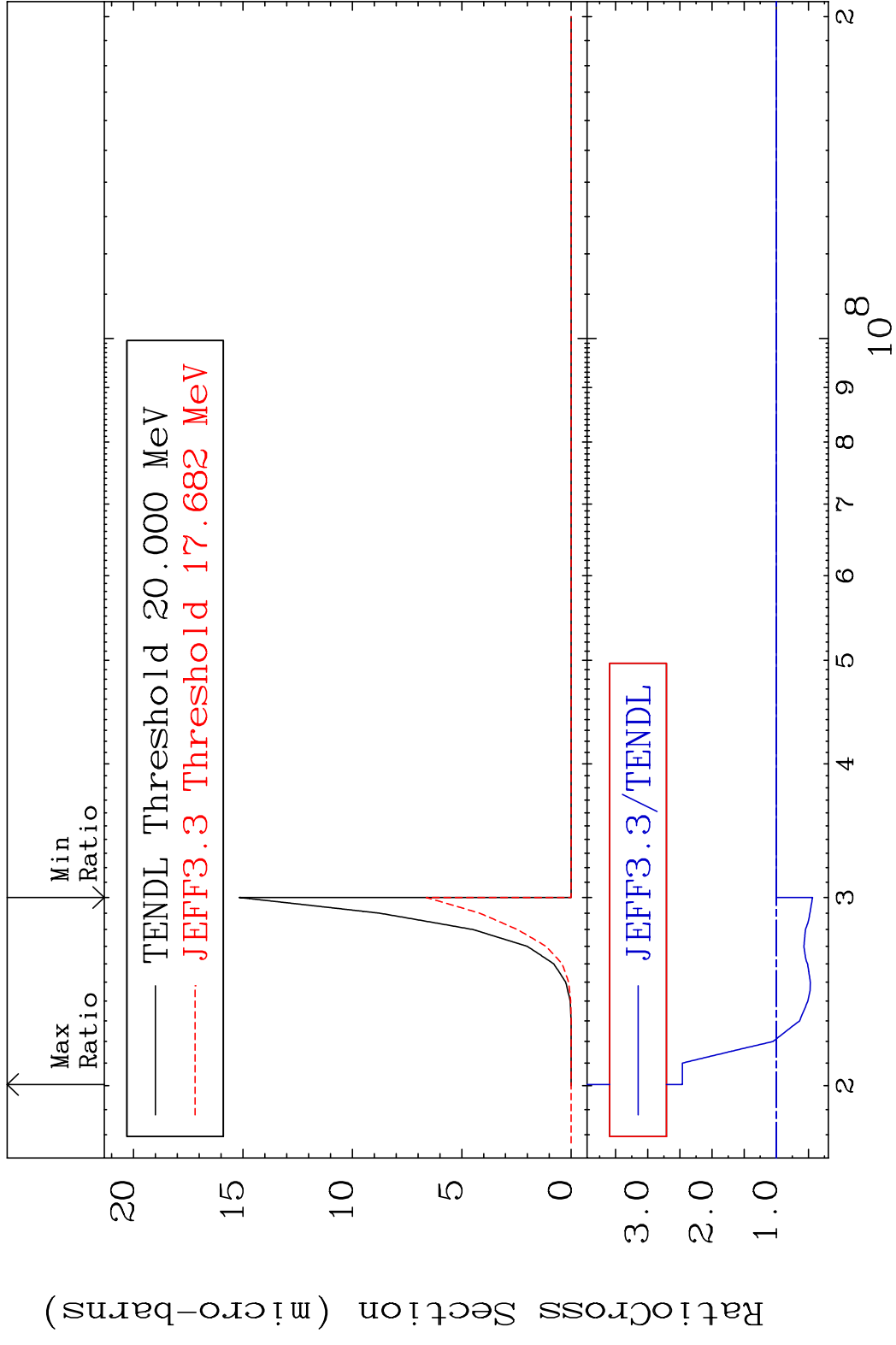
MAT 3631 (n,2p):34-Se-79g 36-Kr-80
 Radionuclide Production Cross Section 0.000 %



80 Incident Energy (eV) 36-Kr-80

MAT 3631 (n,2p):34-Se-79m1 36-Kr-80
 Radionuclide Production Cross Section 12.33 %





MAT 3631 (n, p) t:34-Se-77m1 36-Kr-80
 Radionuclide Production Cross Section 160.1 %

