

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

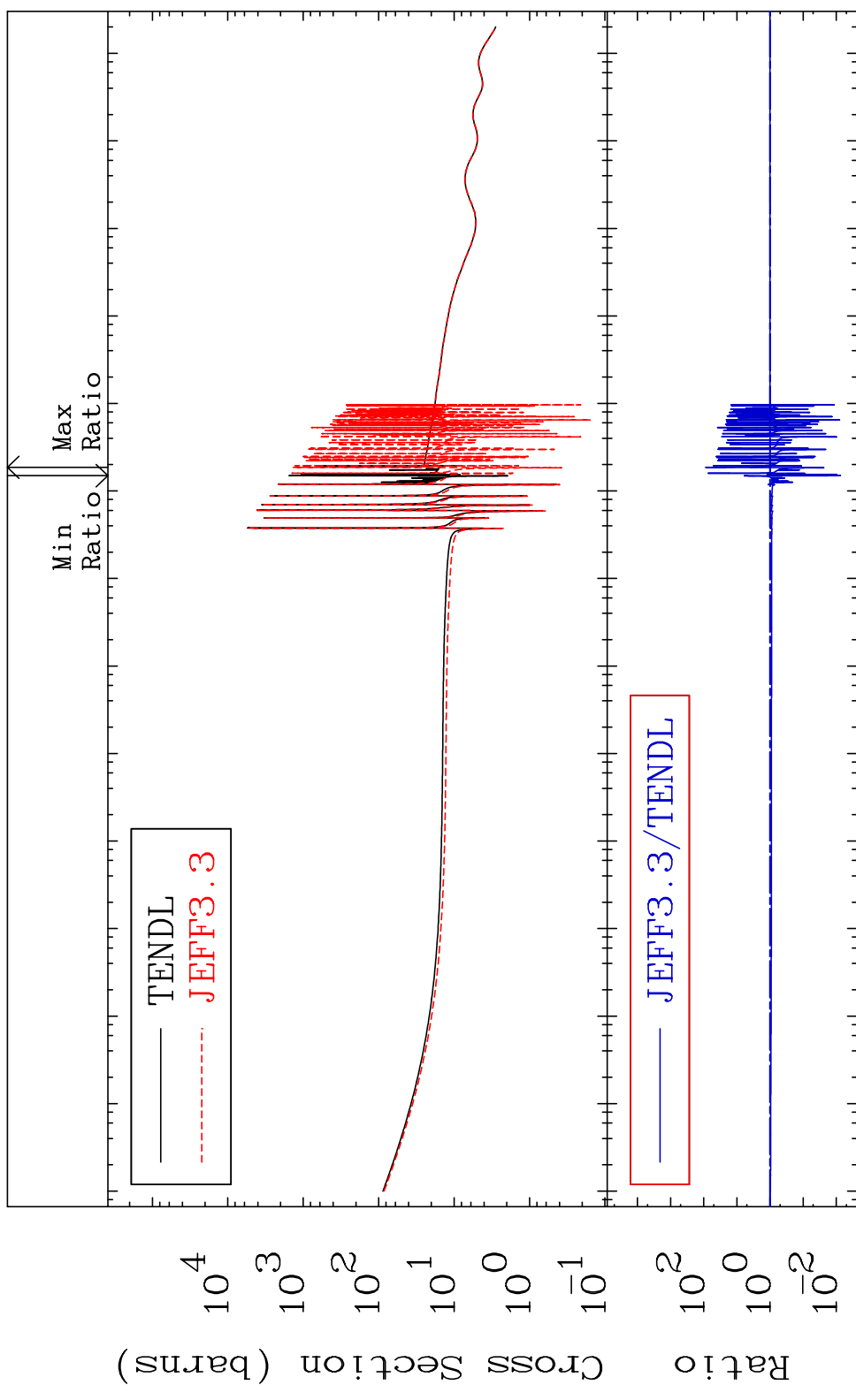
MAT 7837

Total

78-Pt-194

Cross Section

-99.25 To 8609. %



1

Incident Energy (eV)

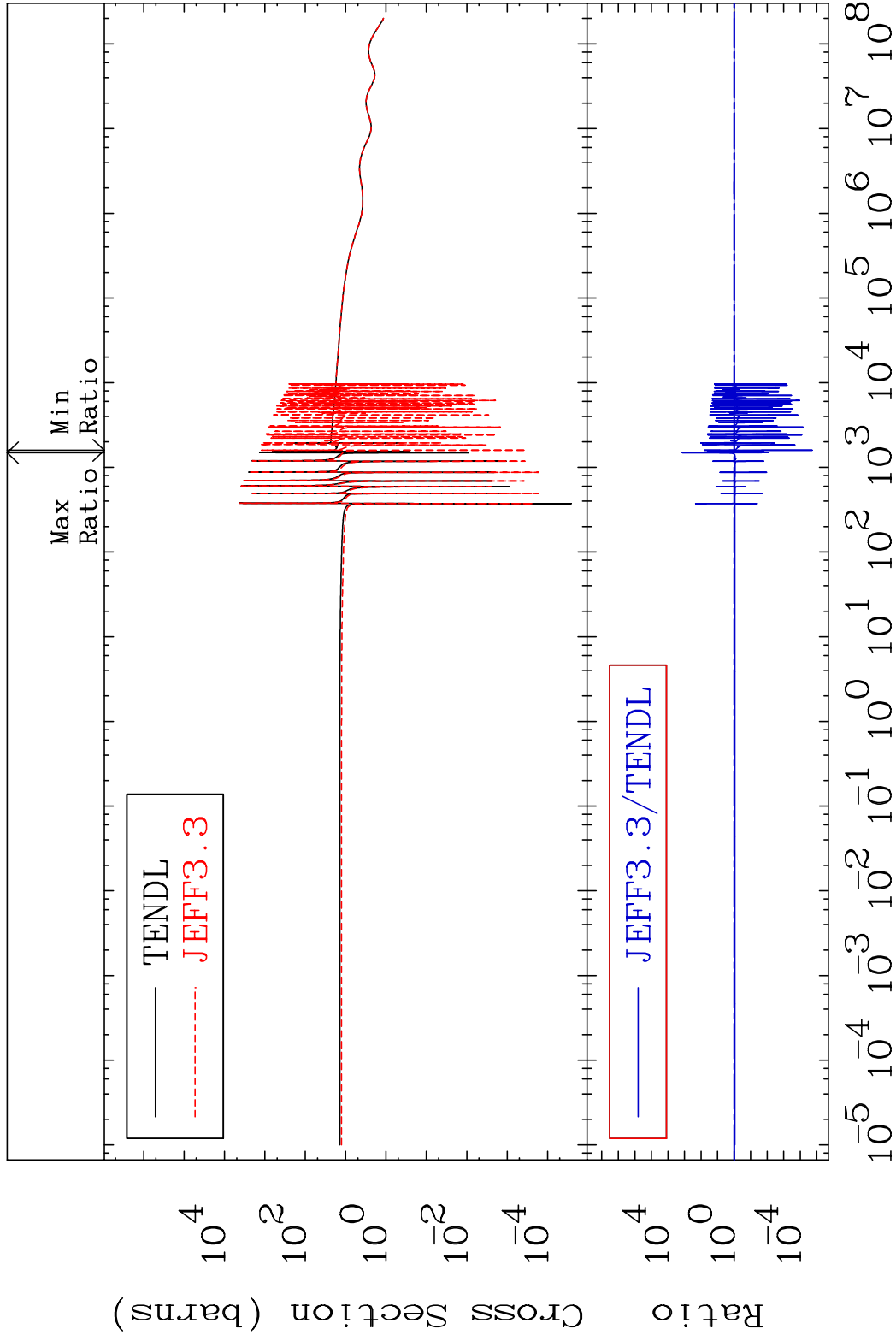
78-Pt-194

MAT 7837

Elastic

78-Pt-194

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

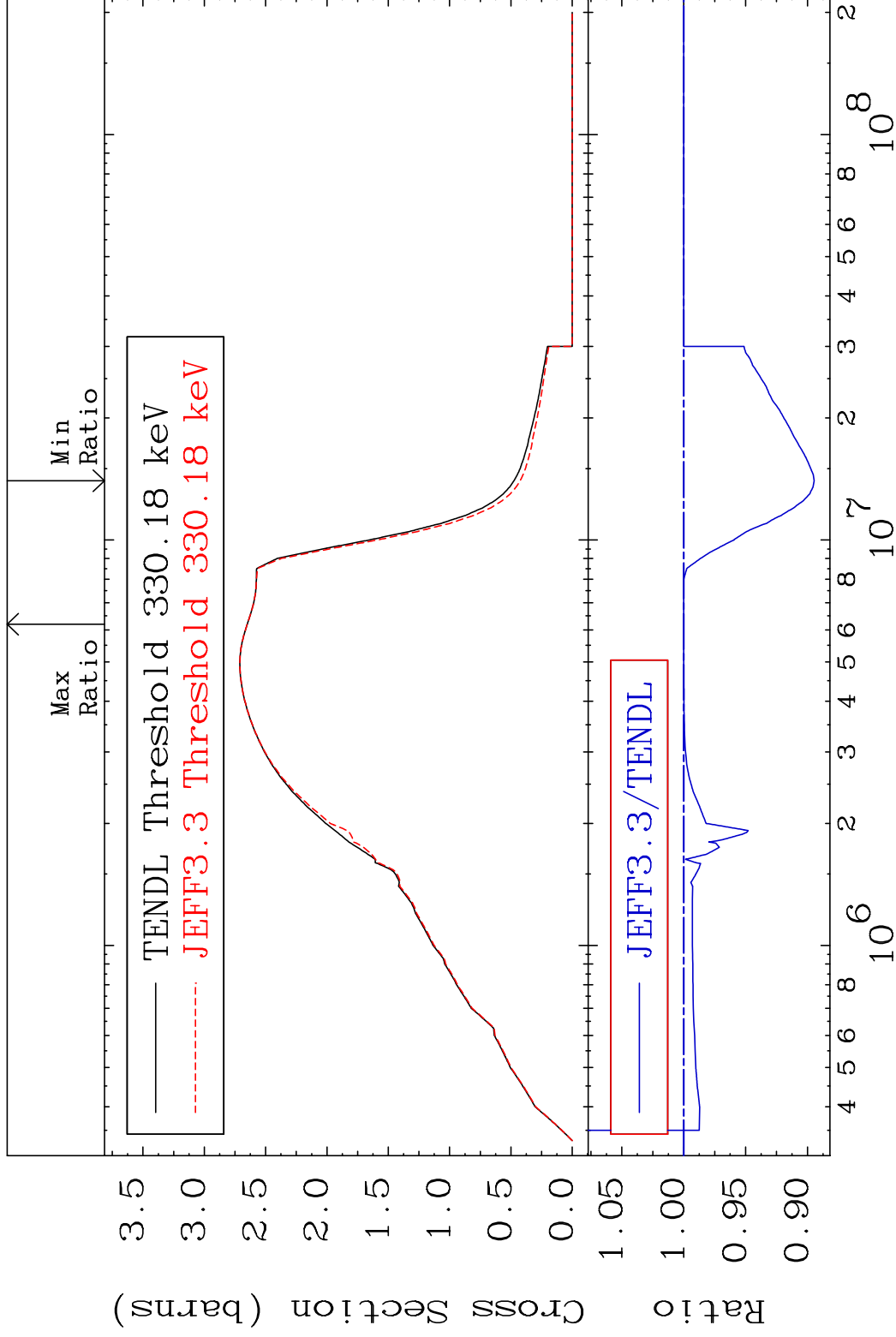
78-Pt-194

MAT 7837

Inelastic

78-Pt-194

Cross Section -10.53 To 0.008 %



3

Incident Energy (eV)

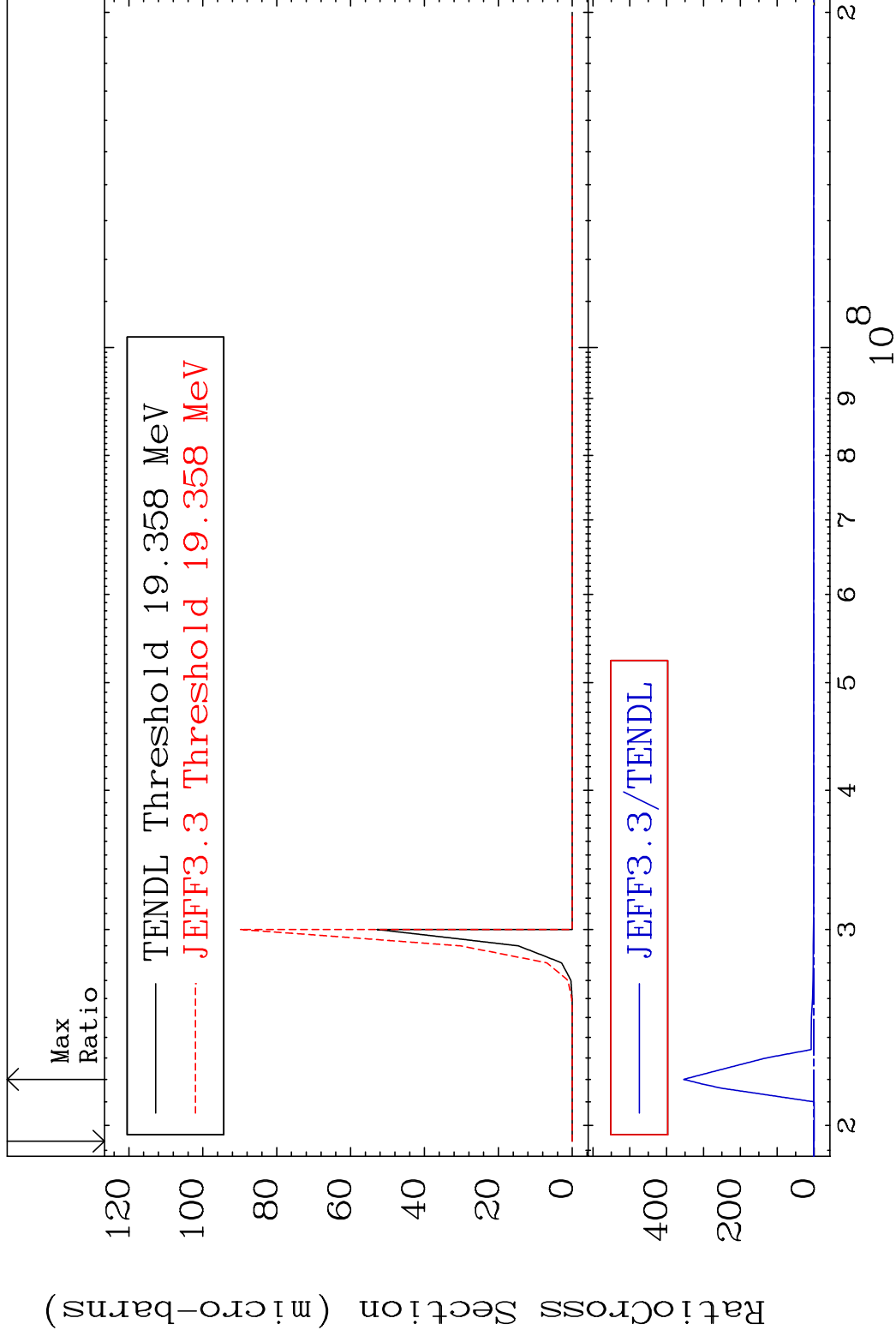
78-Pt-194

MAT 7837

(n,2n) d

78-Pt-194

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

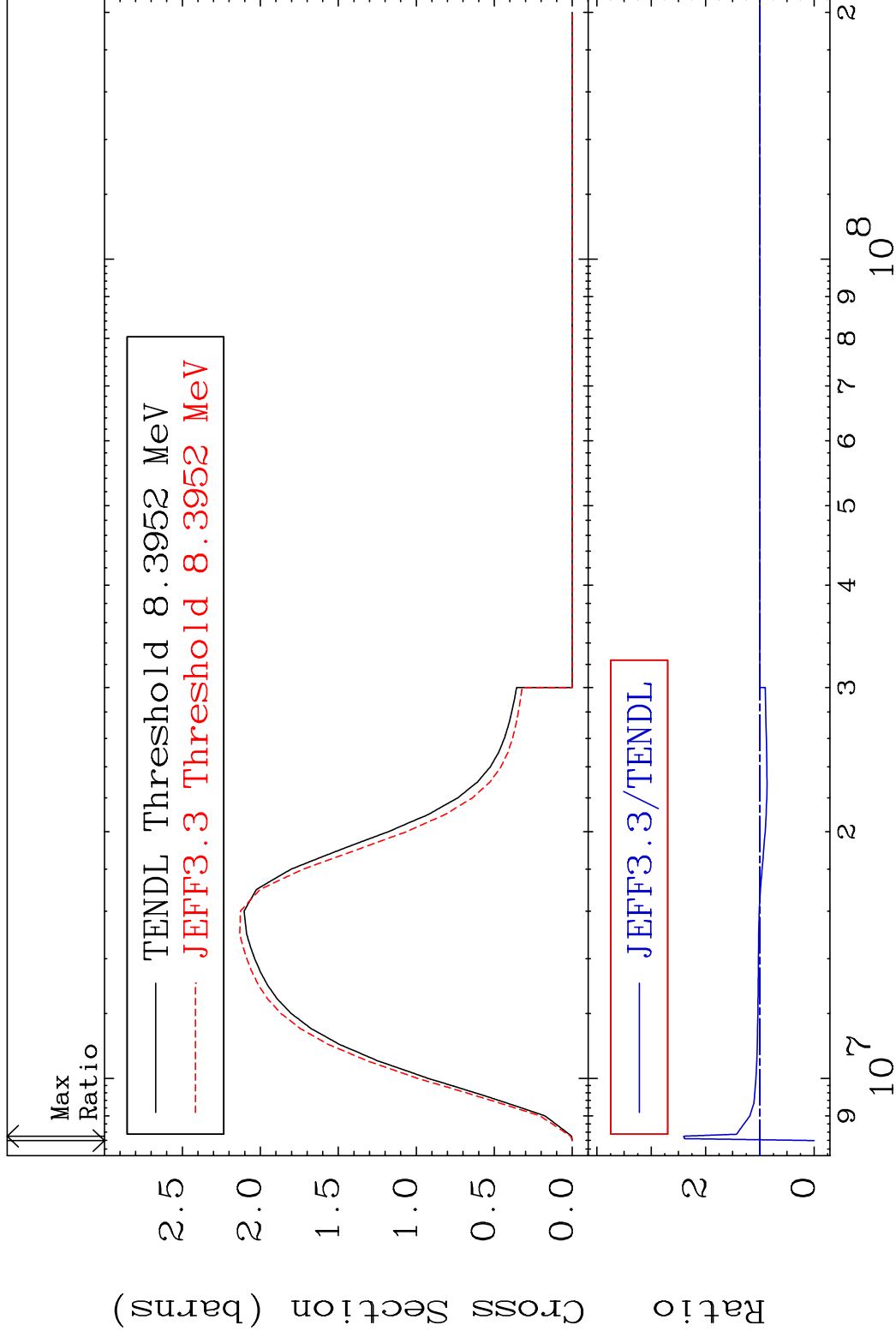
78-Pt-194

MAT 7837

(n,2n)

78-Pt-194

Cross Section -100.0 To 140.3 %



5

Incident Energy (eV)

78-Pt-194

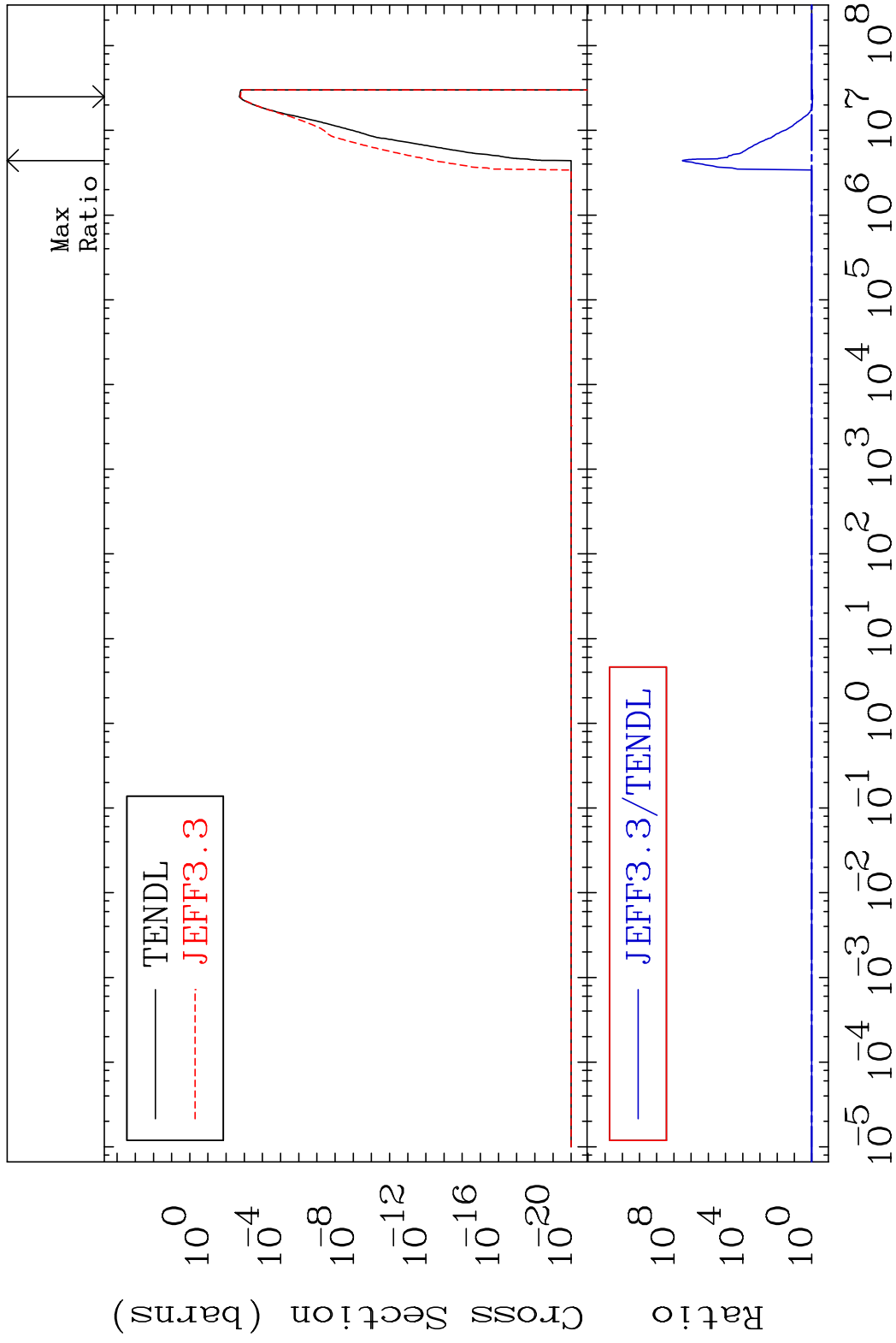


MAT 7837

(n, n')  $\alpha$

78-Pt-194

Cross Section -11.08 To 9999. %



7

Incident Energy (eV)

78-Pt-194

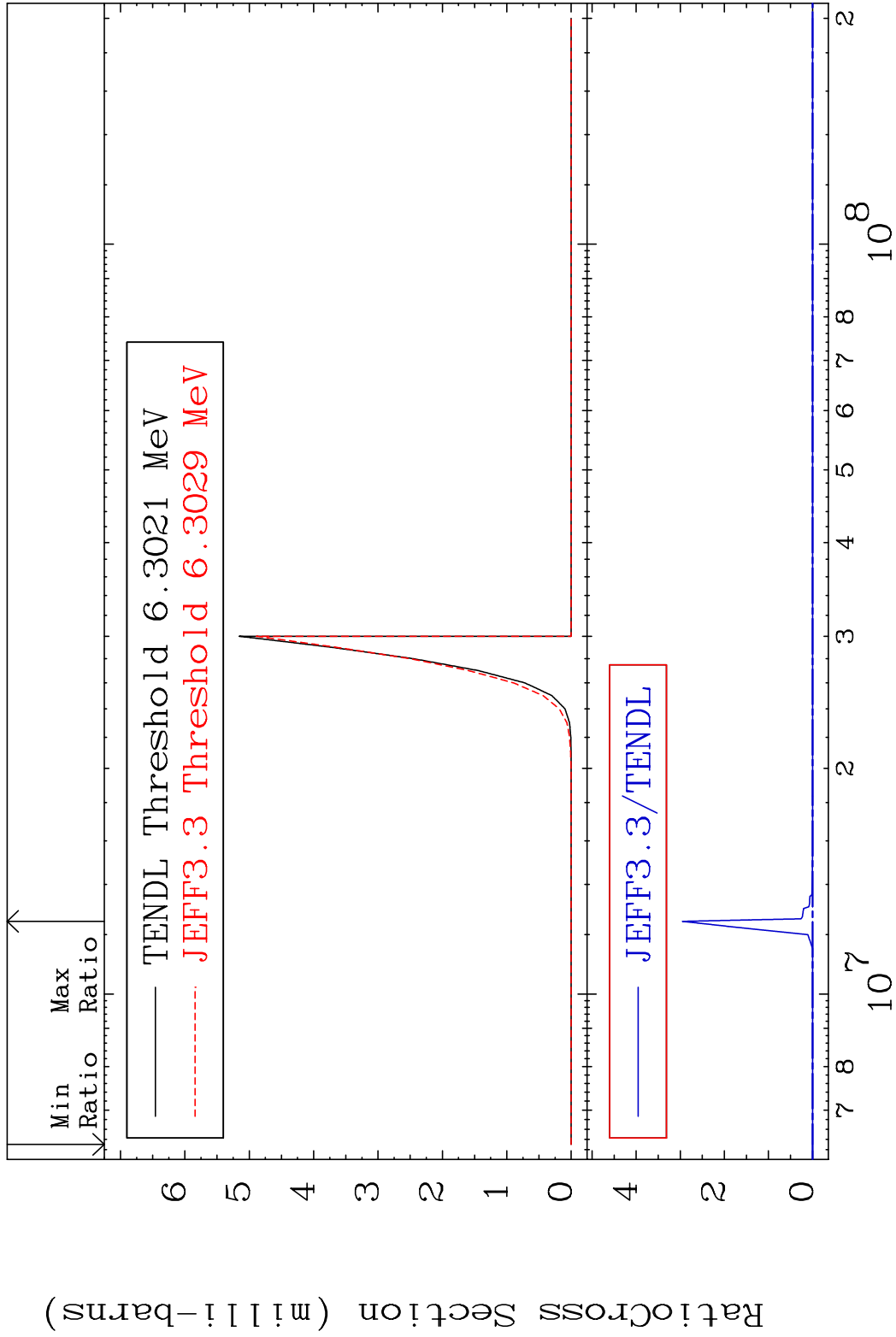


MAT 7837

(n,2n)  $\alpha$

78-Pt-194

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

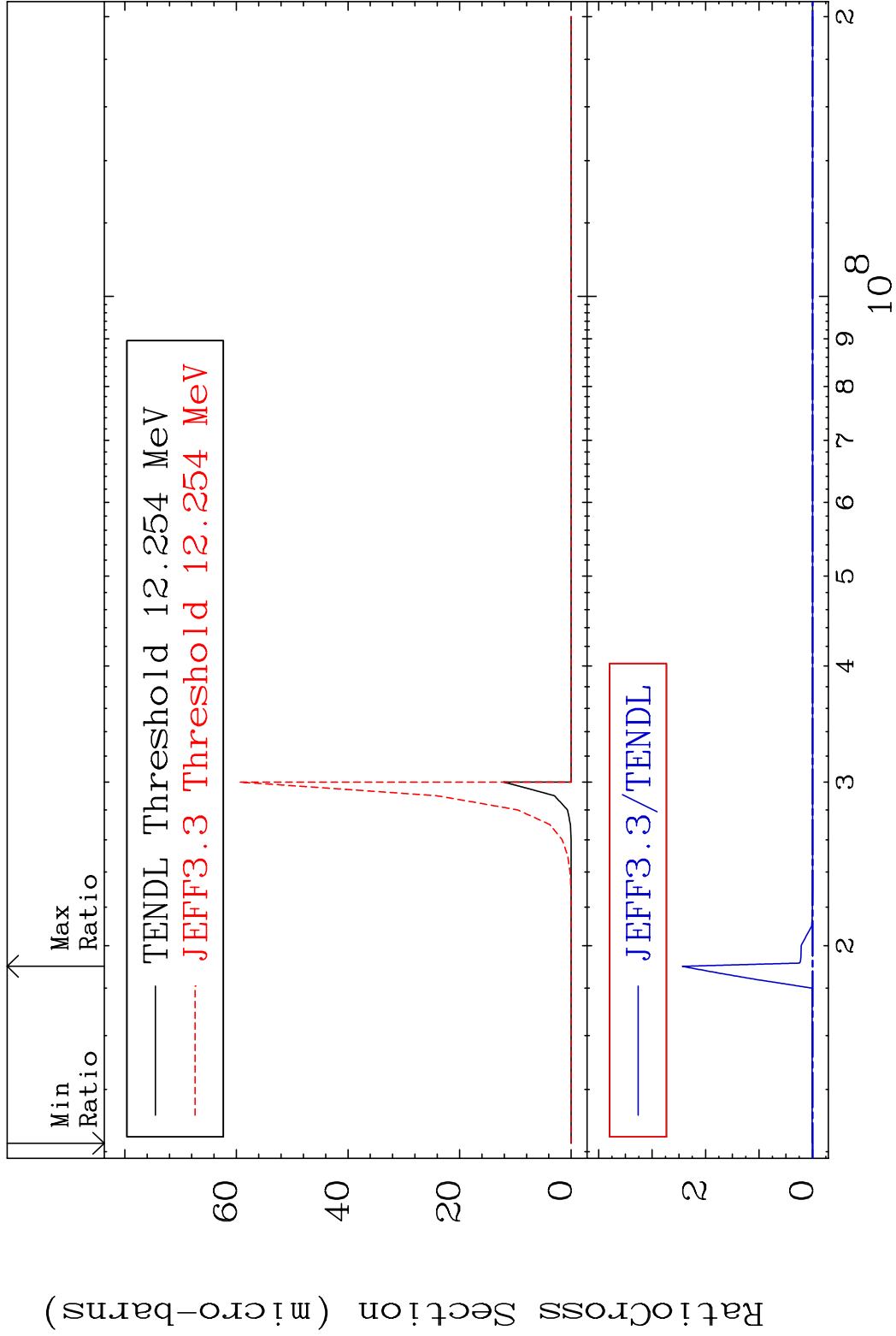
78-Pt-194

MAT 7837

(n,3n)  $\alpha$

78-Pt-194

Cross Section -100.0 To 9999. %



9

Incident Energy (eV)

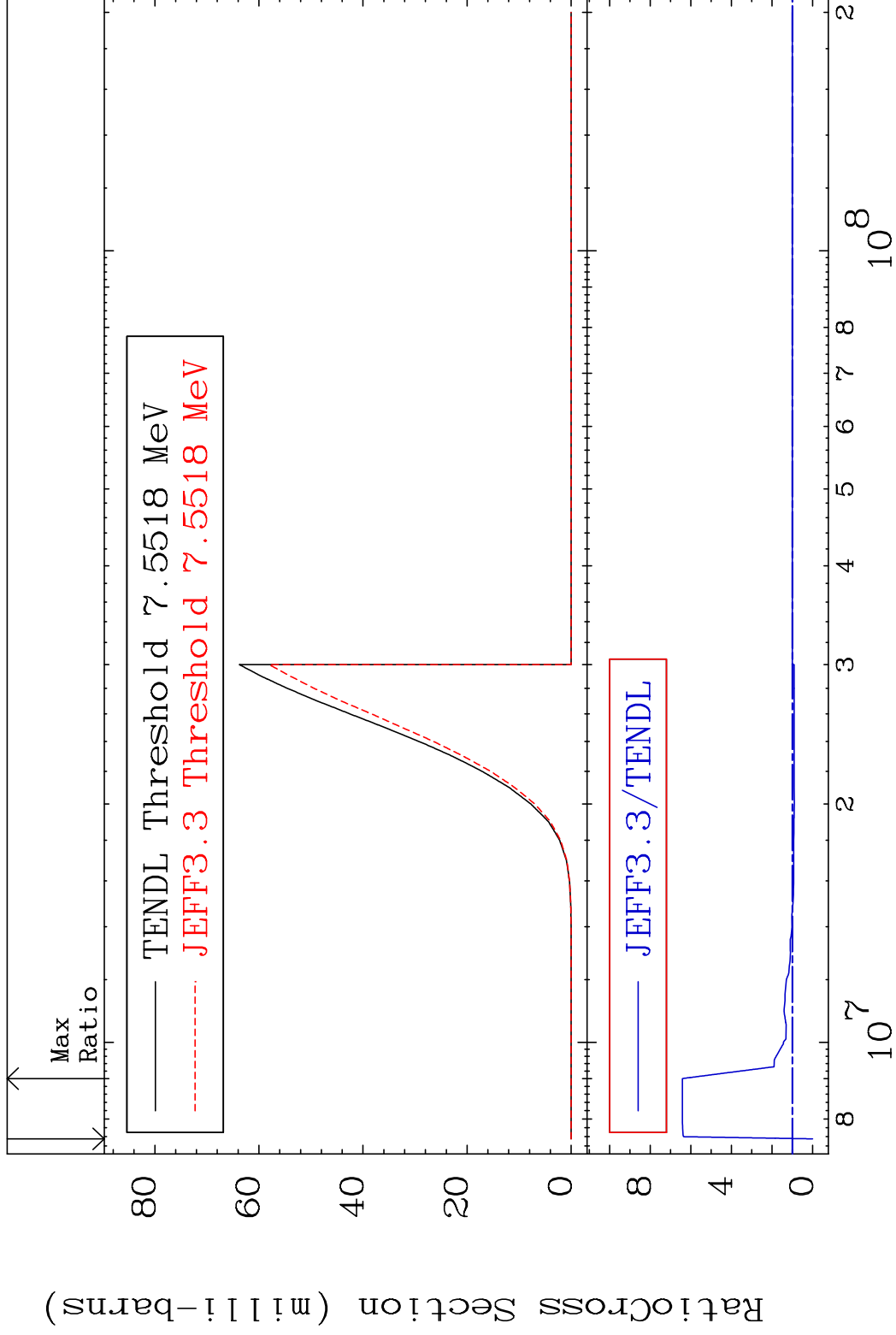
78-Pt-194

MAT 7837

(n, n') p

78-Pt-194

Cross Section -100.0 To 542.0 %



10

Incident Energy (eV)

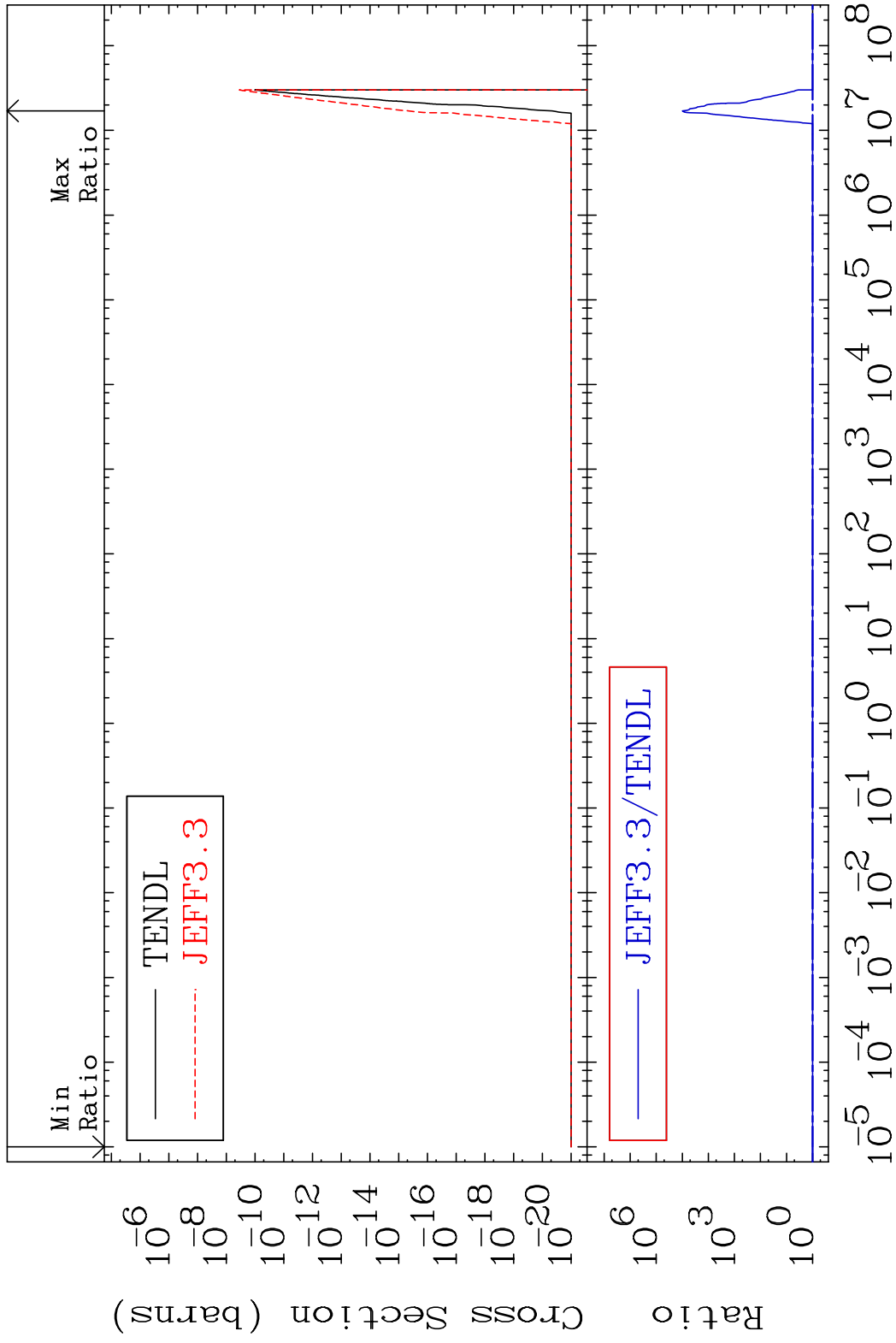
78-Pt-194

MAT 7837

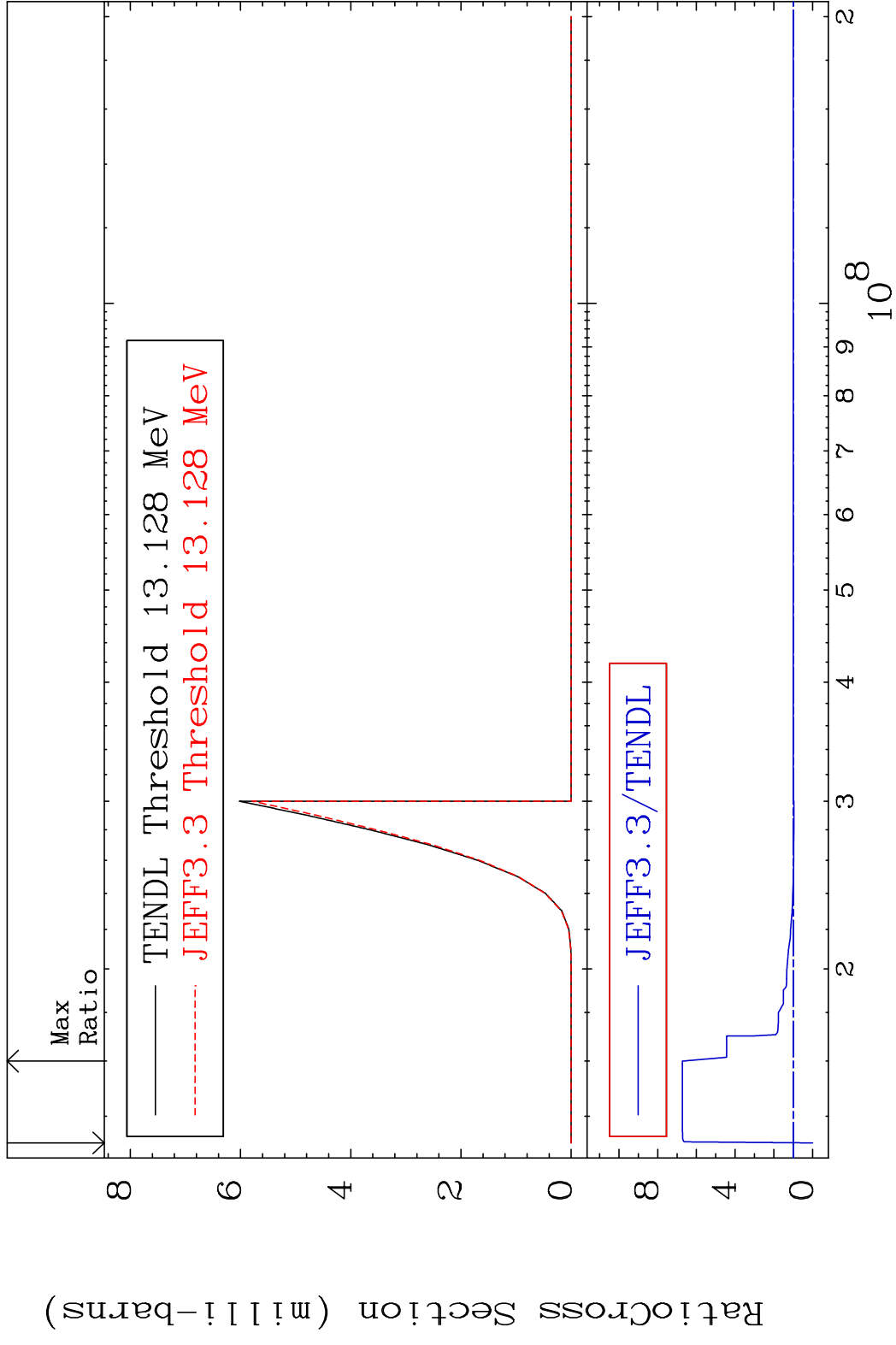
(n, n') 2α

78-Pt-194

Cross Section 0.000 To 9999. %



MAT 7837 (n, n') d 78-Pt-194  
 Cross Section -100.0 To 572.6 %

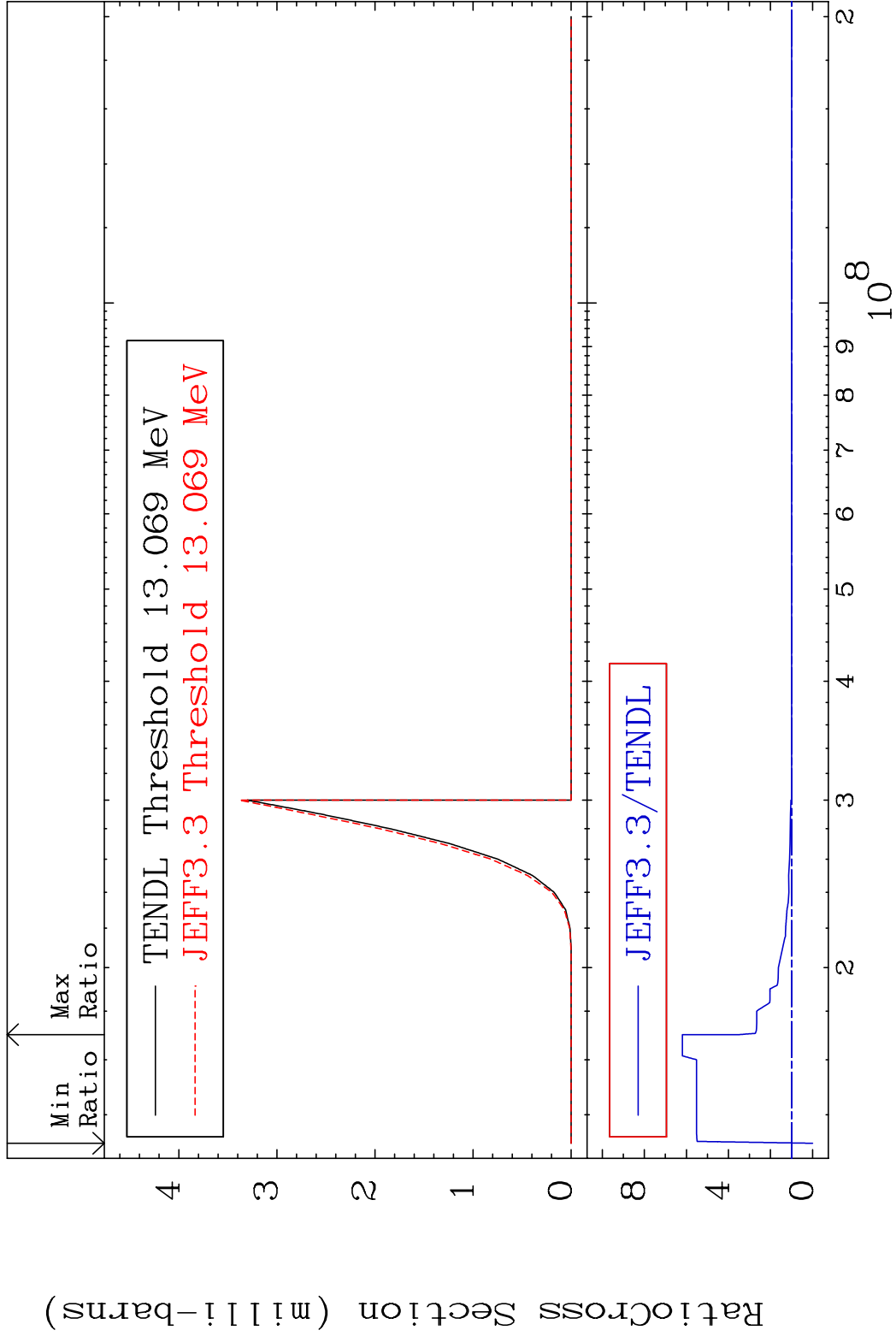


MAT 7837

(n, n') t

78-Pt-194

Cross Section -100.0 To 519.2 %

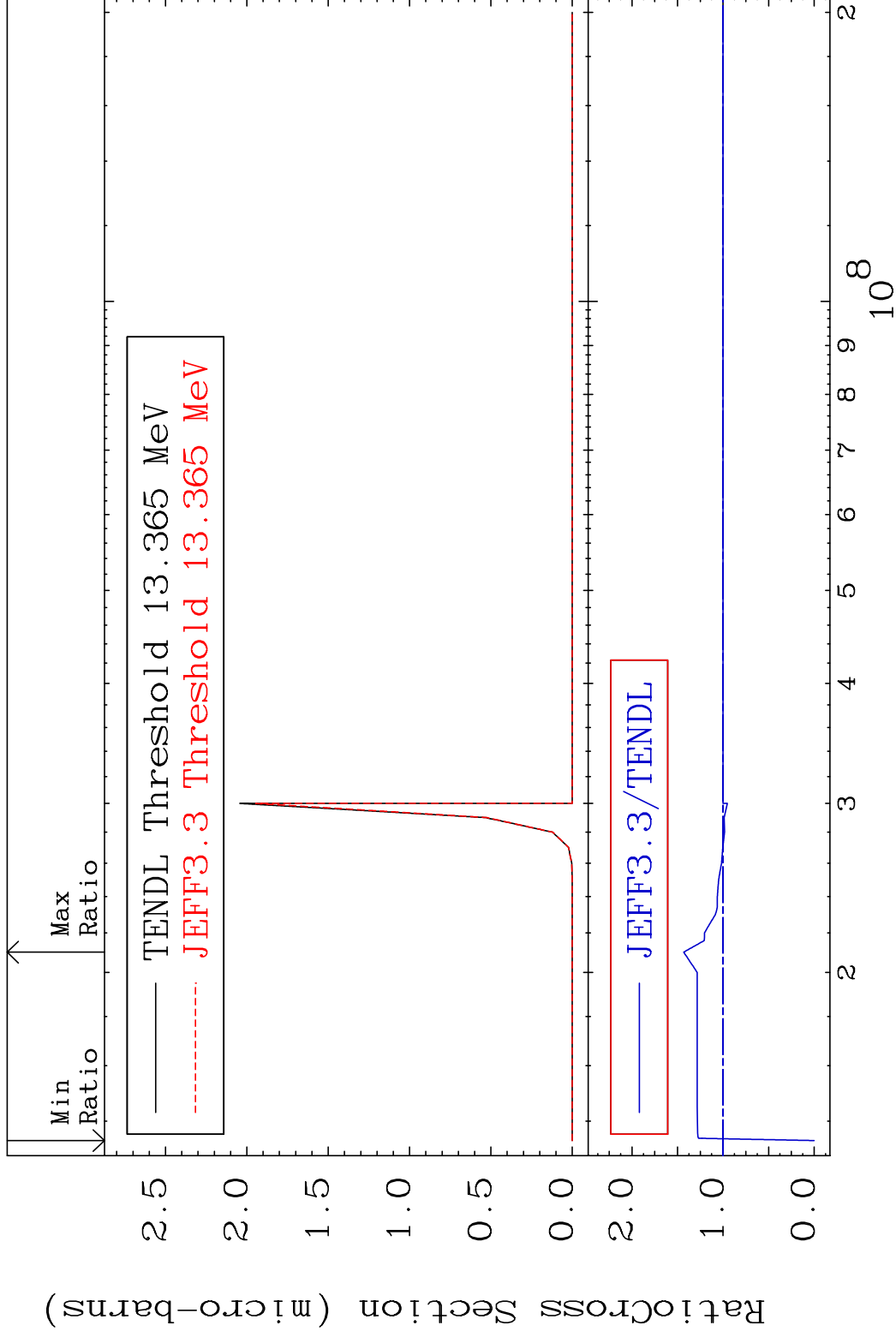


MAT 7837

(n,n') He-3

78-Pt-194

Cross Section -100.0 To 43.27 %

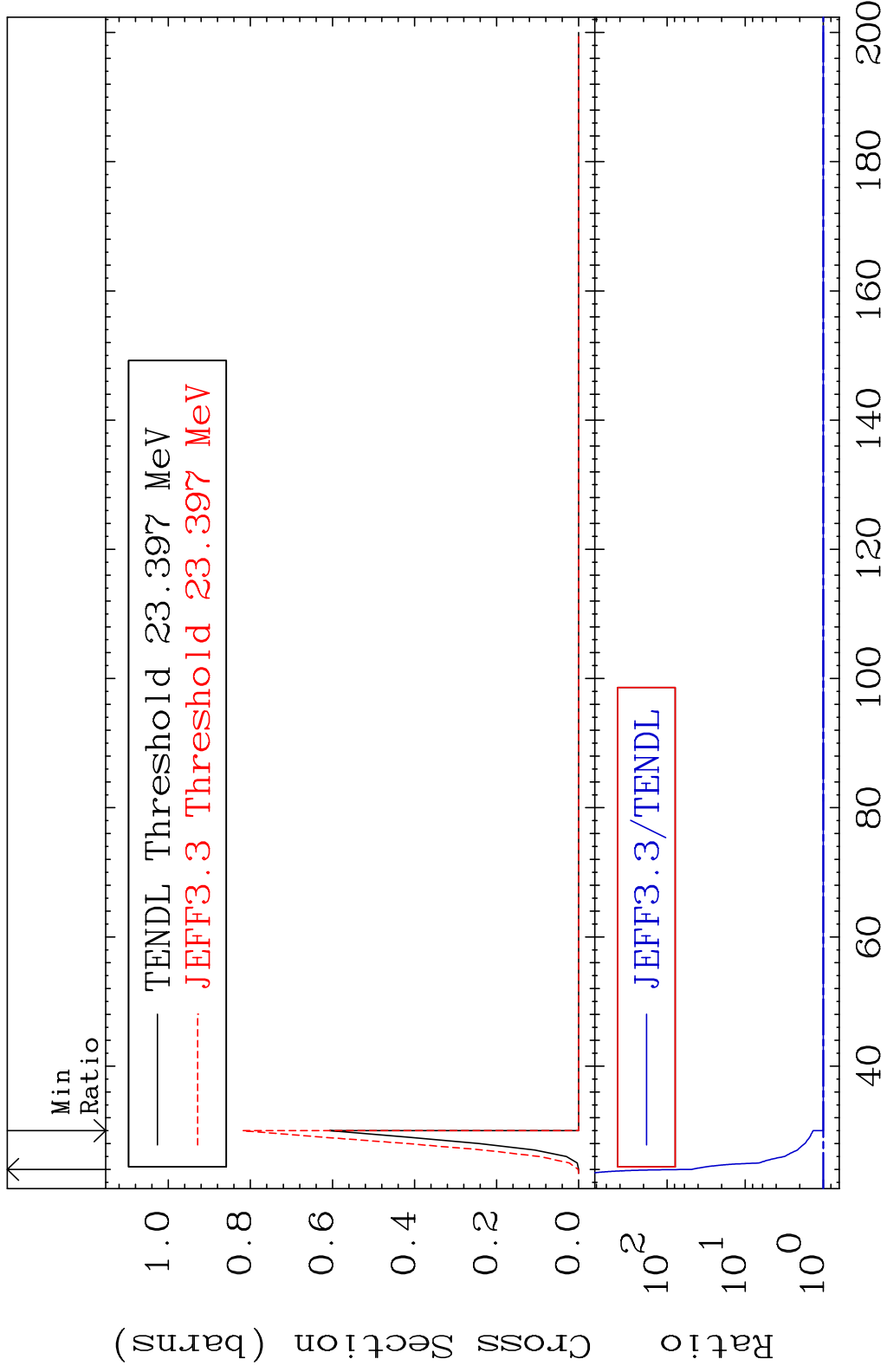


MAT 7837

(n,4n)

78-Pt-194

Cross Section 0.000 To 4785. %



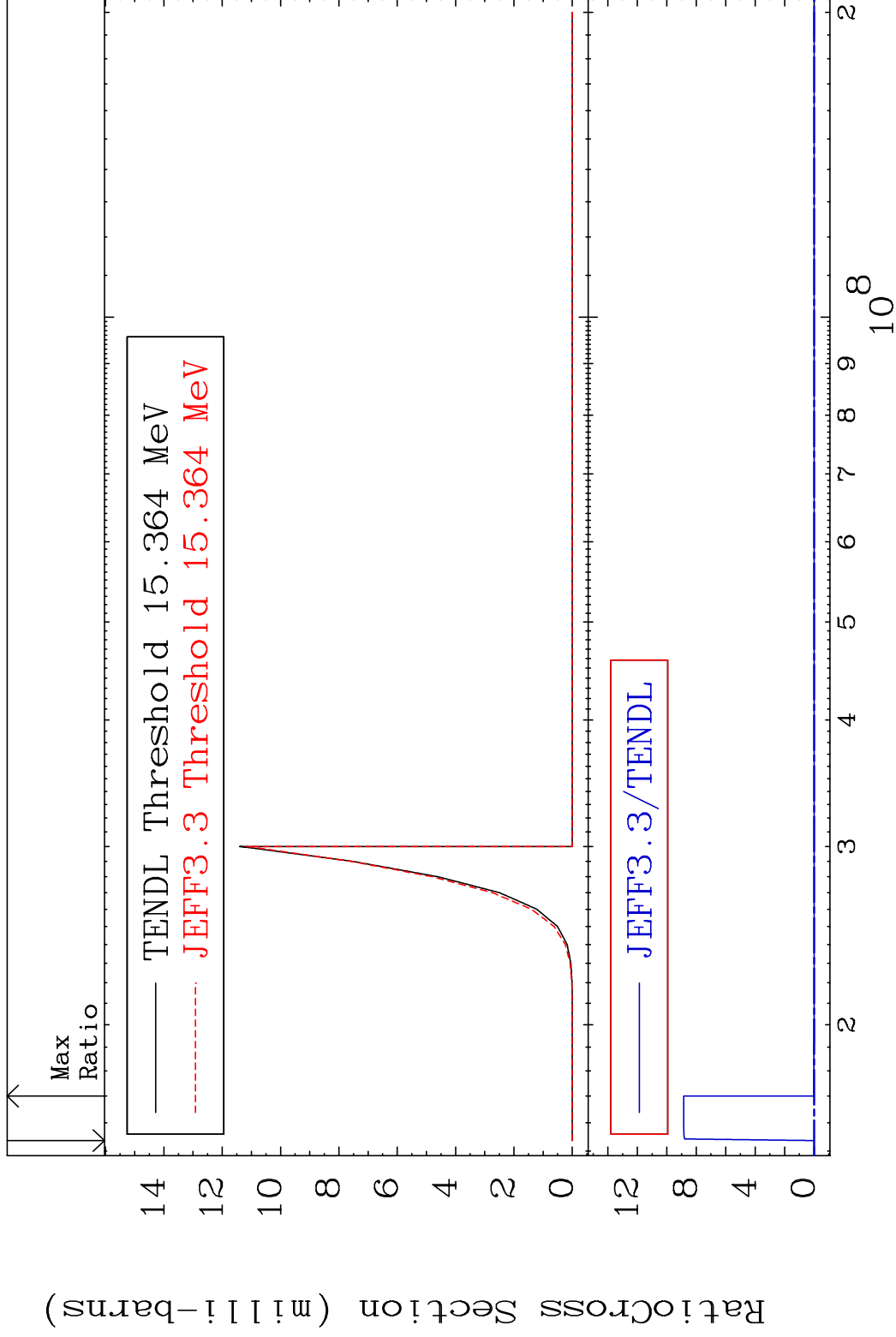


MAT 7837

(n,2n) p

78-Pt-194

Cross Section -100.0 To 9999. %

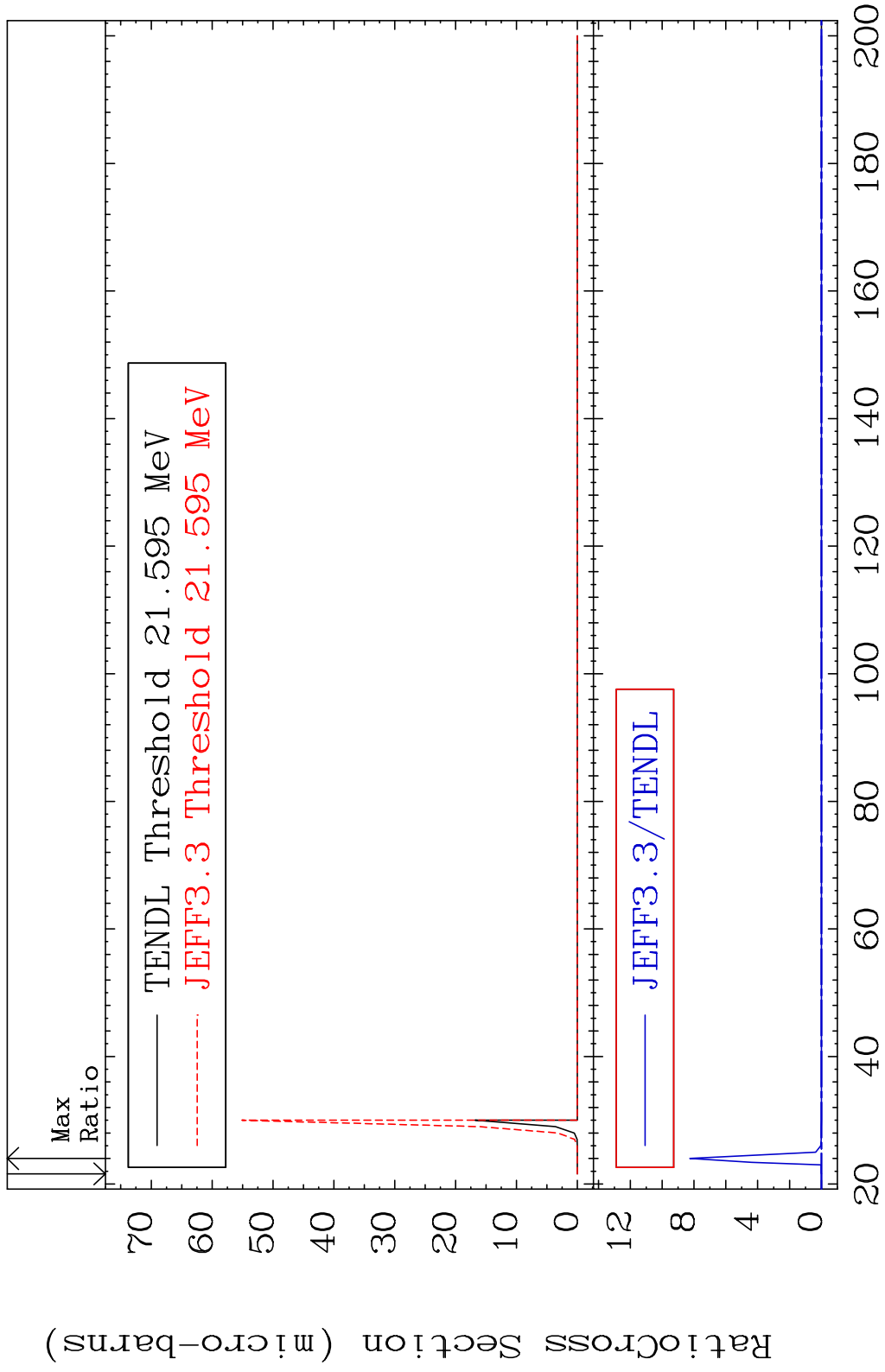


MAT 7837

(n,3n) p

78-Pt-194

Cross Section -100.0 To 9999. %



17

Incident Energy (MeV)

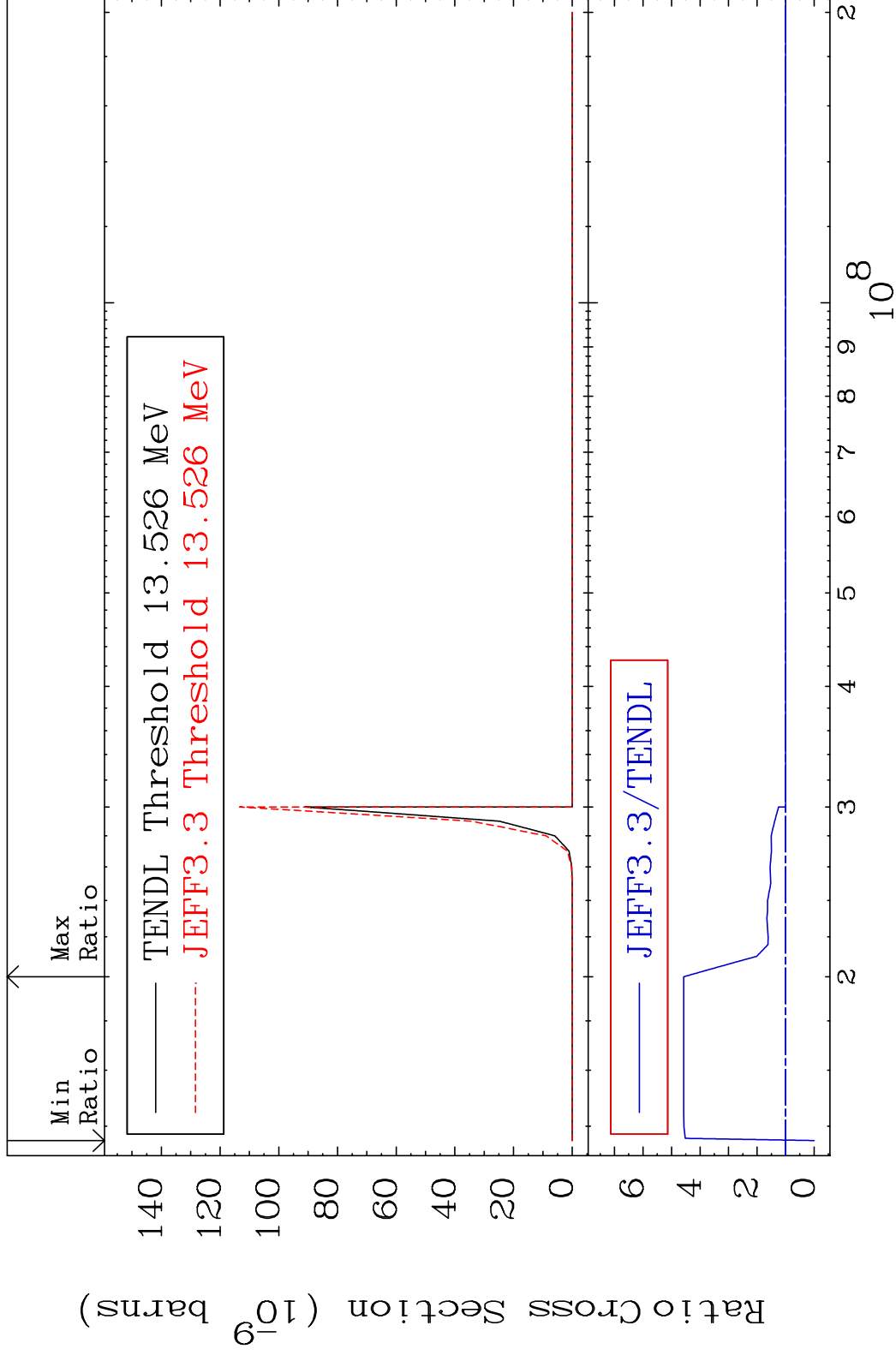
78-Pt-194

MAT 7837

(n,2n) p

78-Pt-194

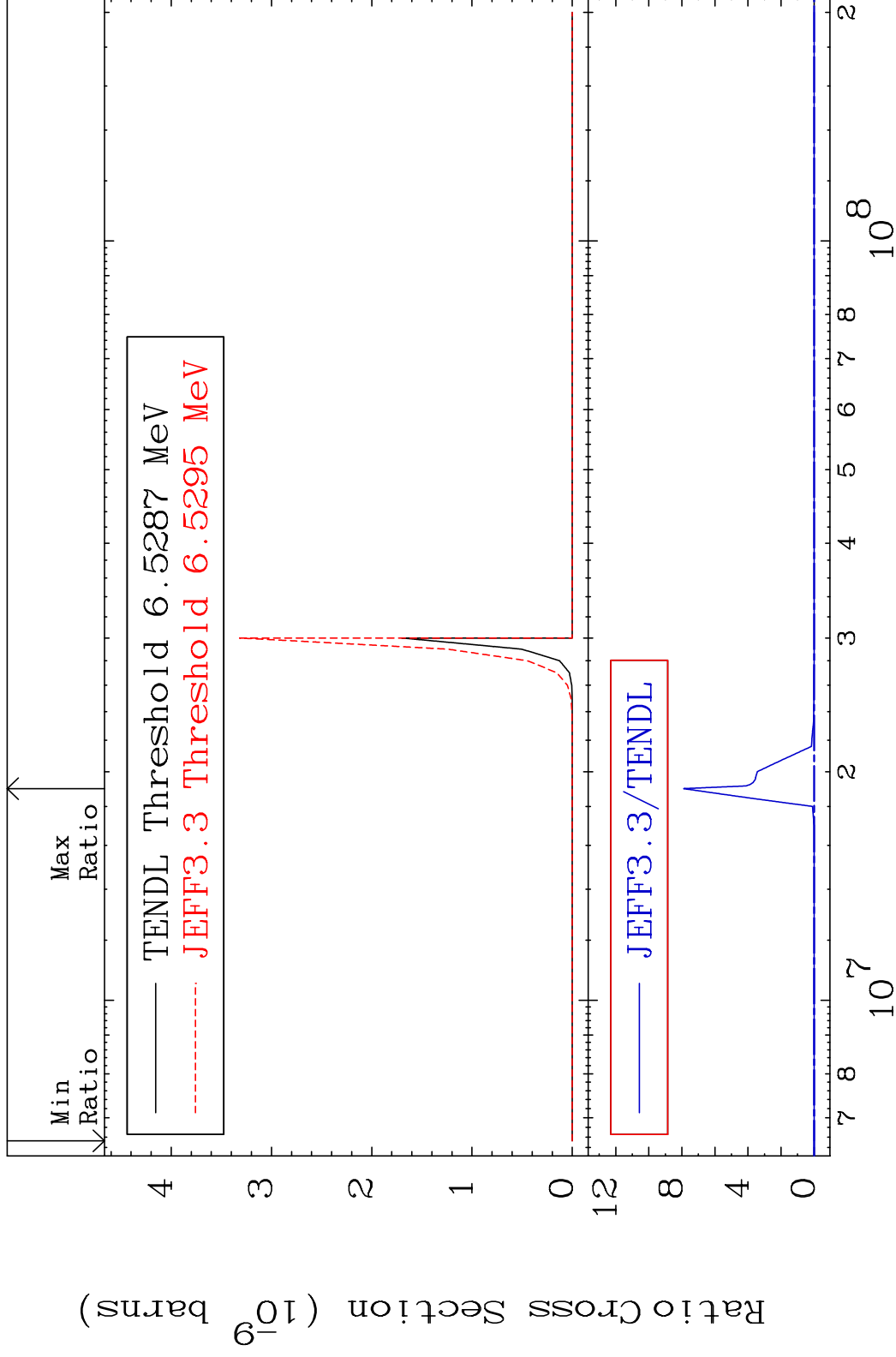
Cross Section -100.0 To 357.4 %



MAT 7837

(n, n') p  $\alpha$  78-Pt-194

Cross Section -100.0 To 9999. %



19

Incident Energy (eV)

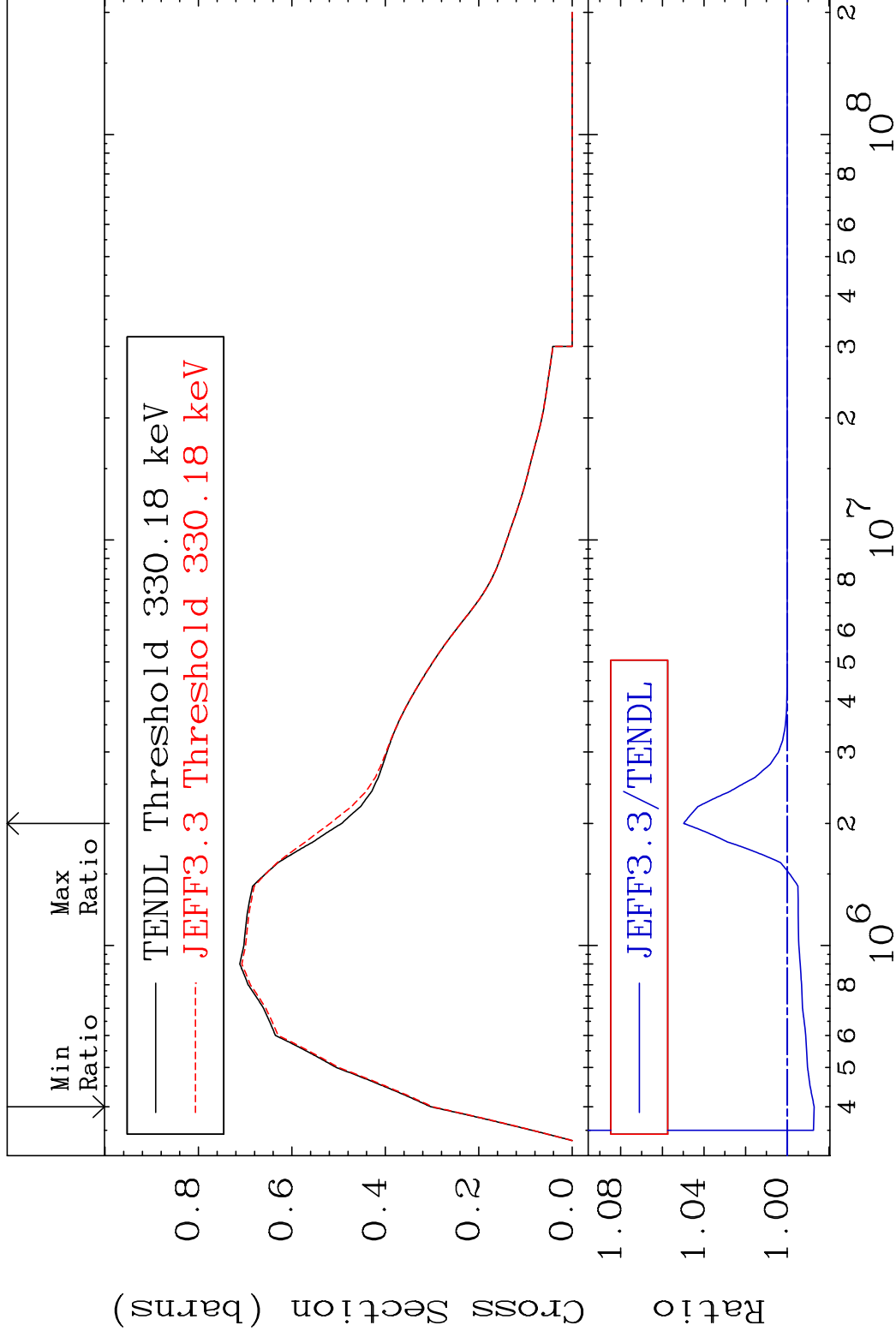
78-Pt-194

MAT 7837

MT= 51 (n, n') Level

78-Pt-194

Cross Section -1.287 To 4.977 %



20

Incident Energy (eV)

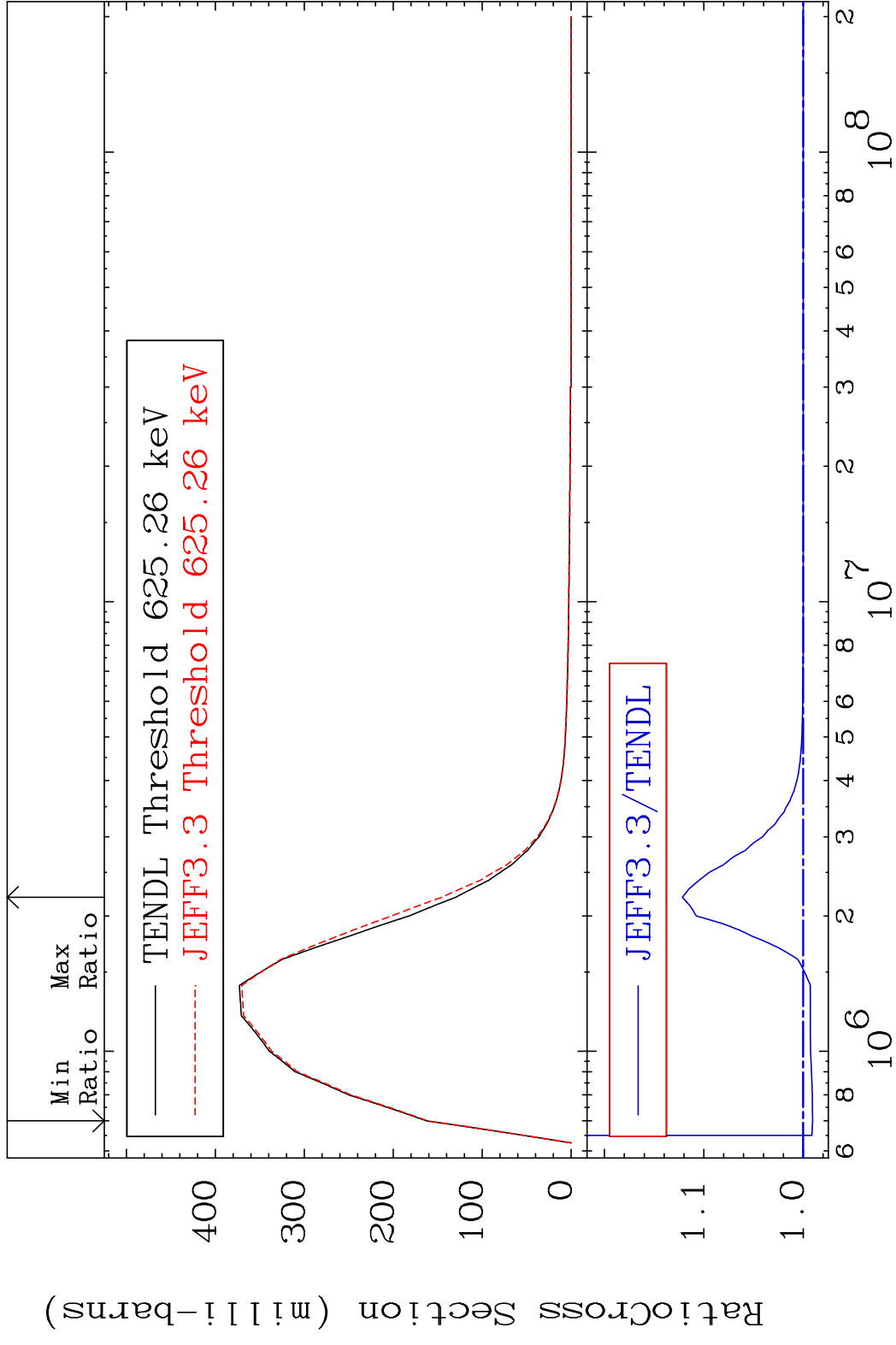
78-Pt-194

MAT 7837

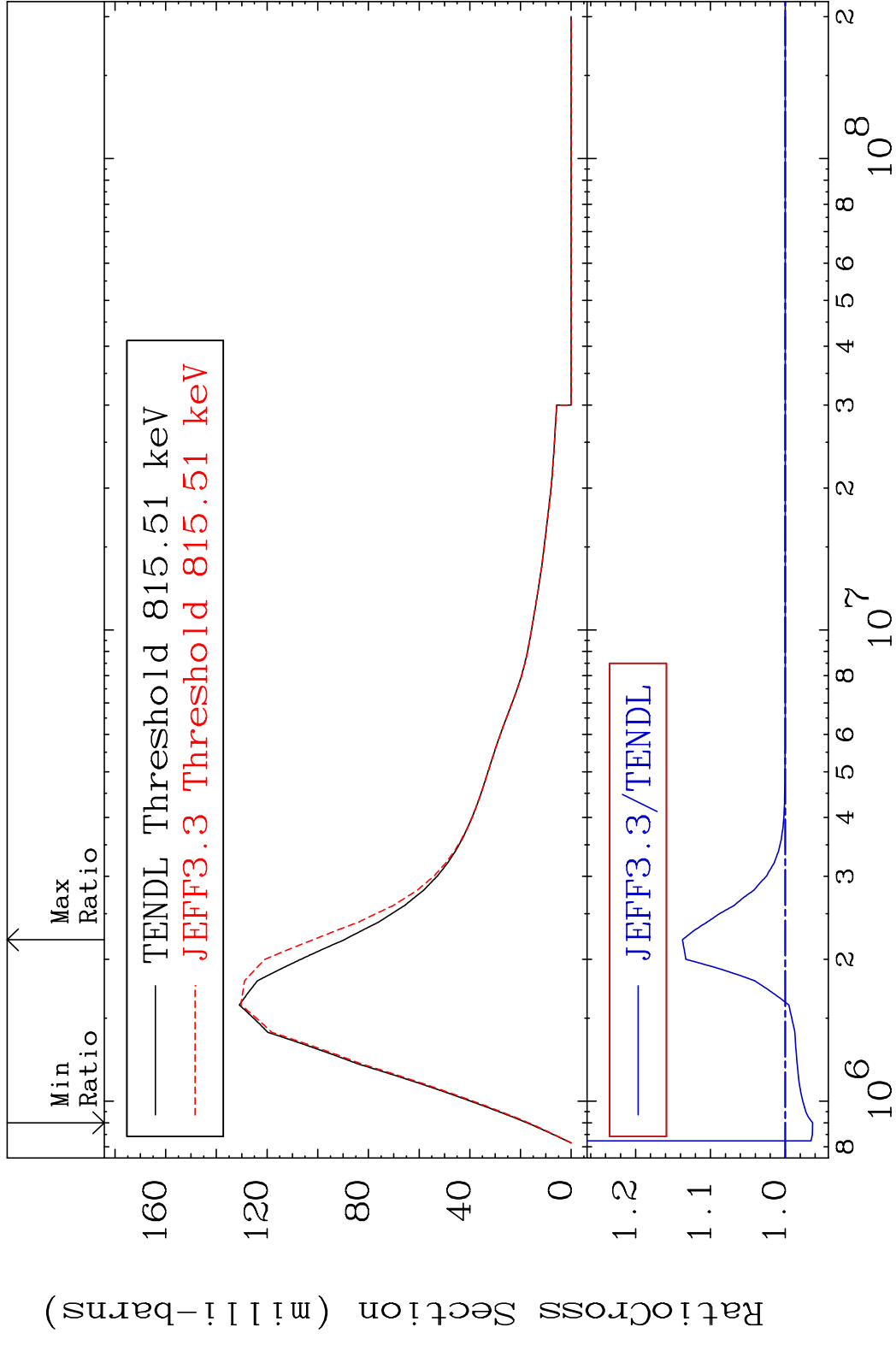
MT= 52 (n,n') Level

78-Pt-194

Cross Section -0.938 To 12.16 %



MAT 7837 MT= 53 (n, n') Level 78-Pt-194  
 Cross Section -3.649 To 13.75 %

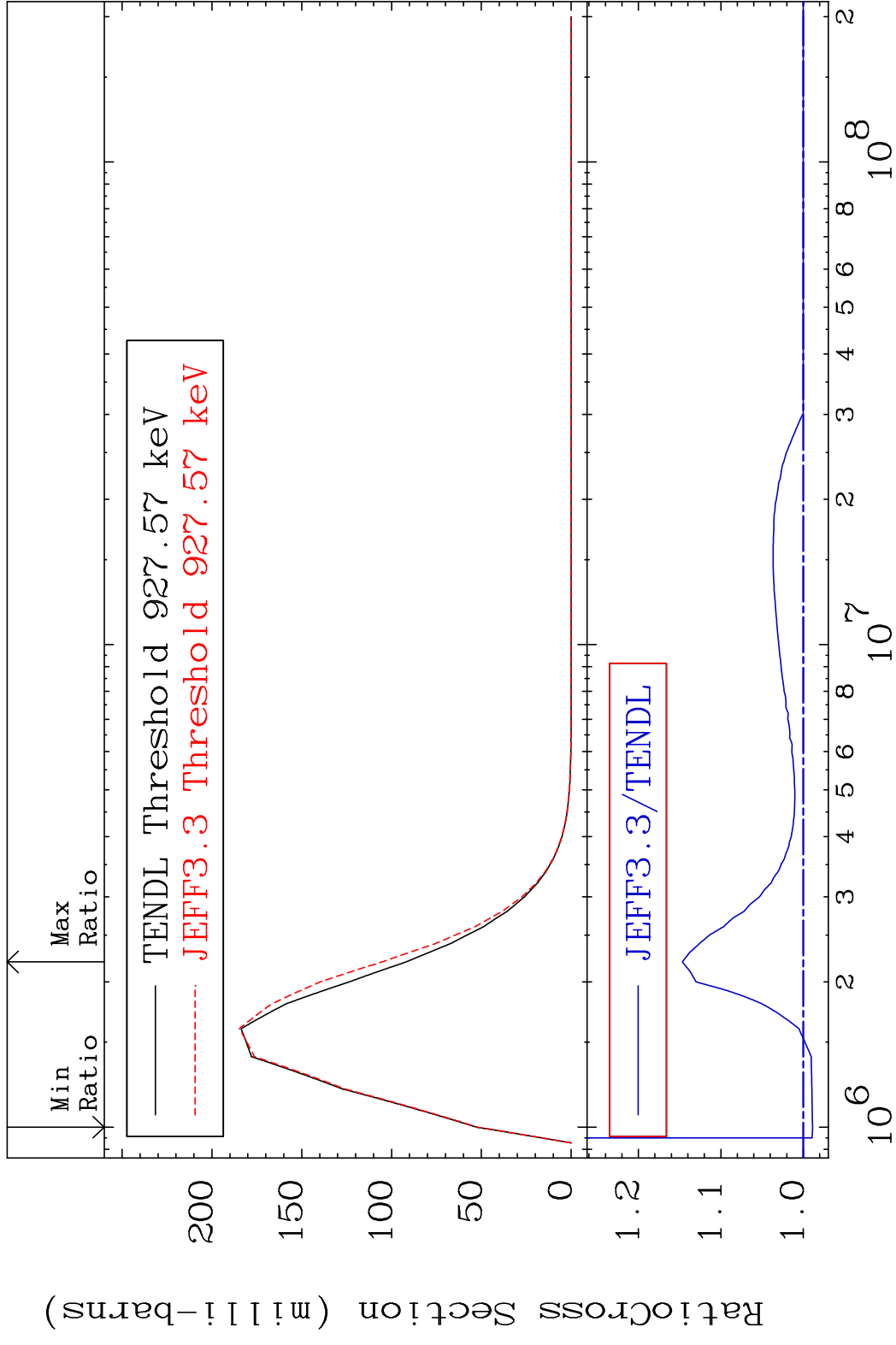


MAT 7837

MT= 54 (n, n') Level

78-Pt-194

Cross Section -1.131 To 14.67 %



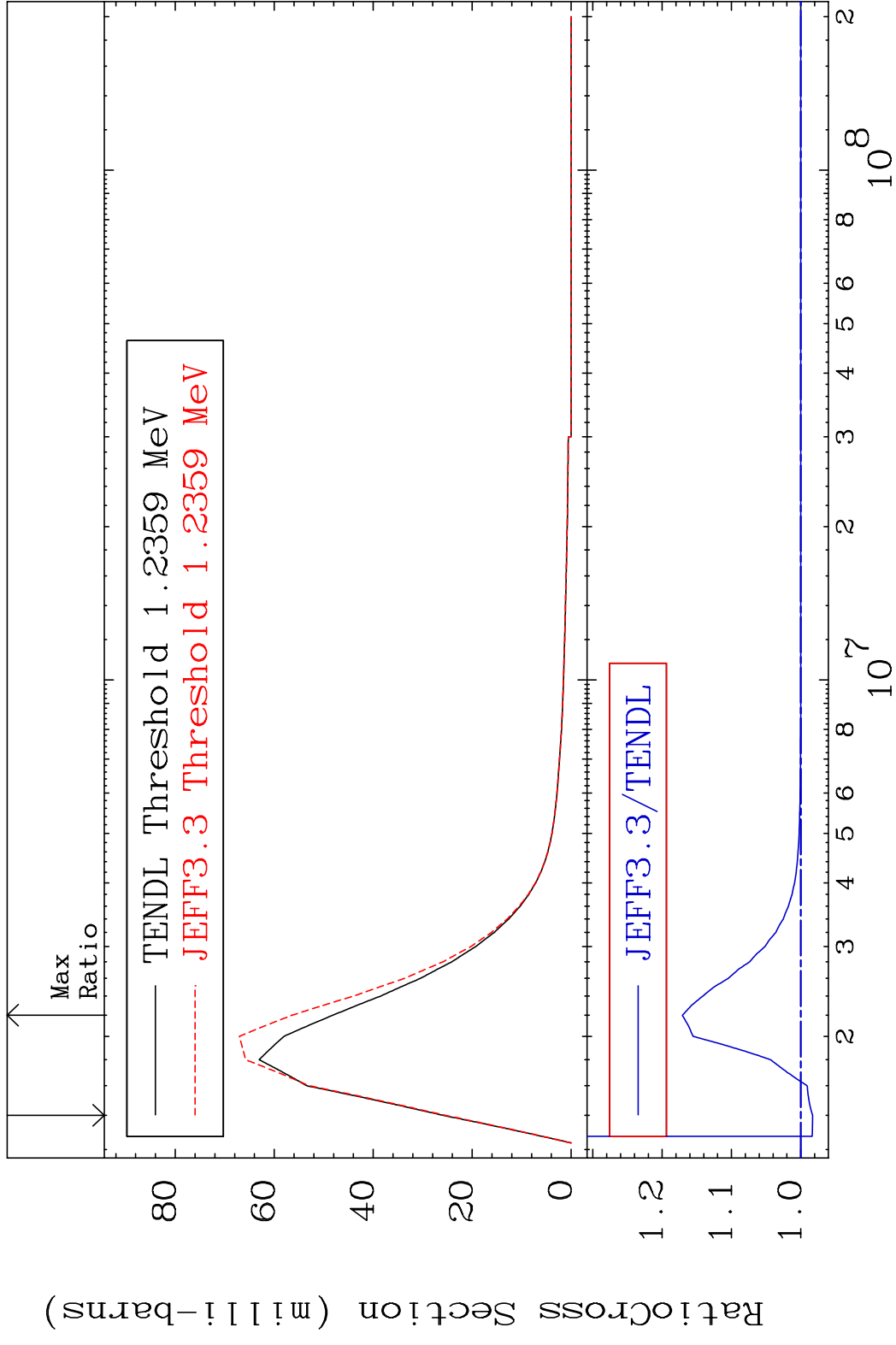
23

Incident Energy (eV)

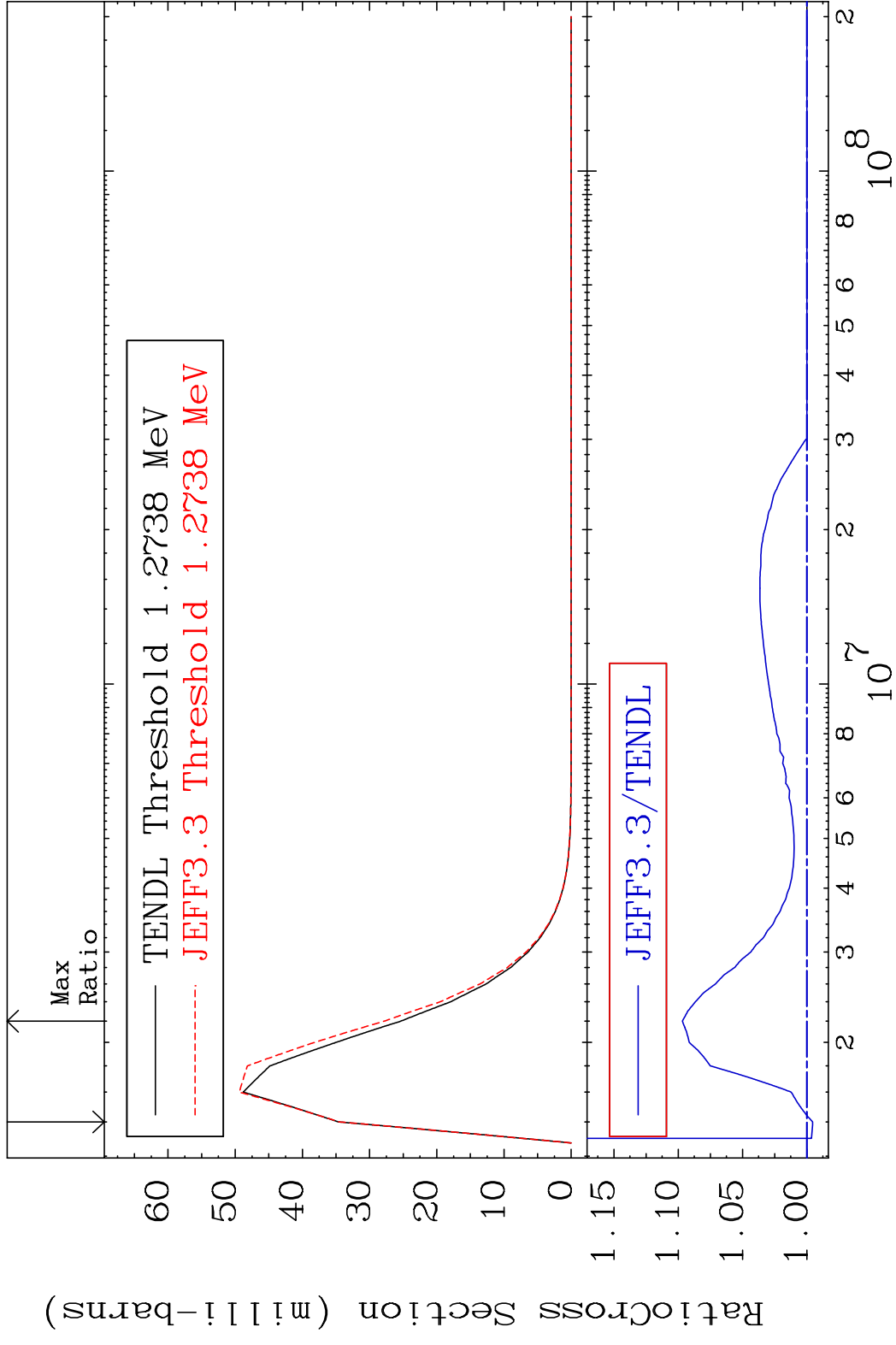
78-Pt-194



MAT 7837 MT= 55 (n, n') Level 78-Pt-194  
 Cross Section -1.703 To 17.09 %



MAT 7837 MT= 56 (n,n') Level 78-Pt-194  
 Cross Section -0.442 To 9.679 %

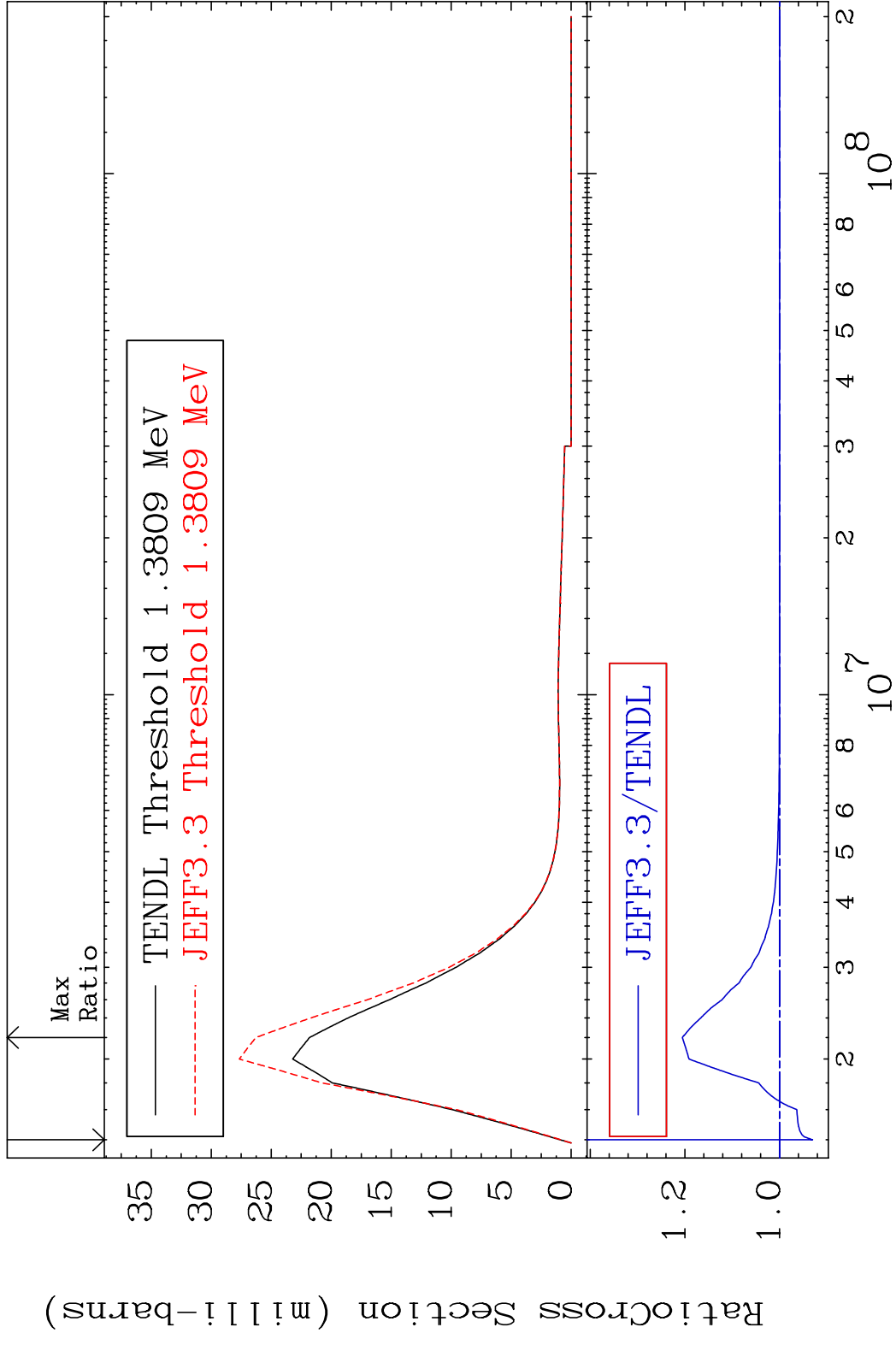


MAT 7837

MT= 57 (n,n') Level

78-Pt-194

Cross Section -6.989 To 20.52 %

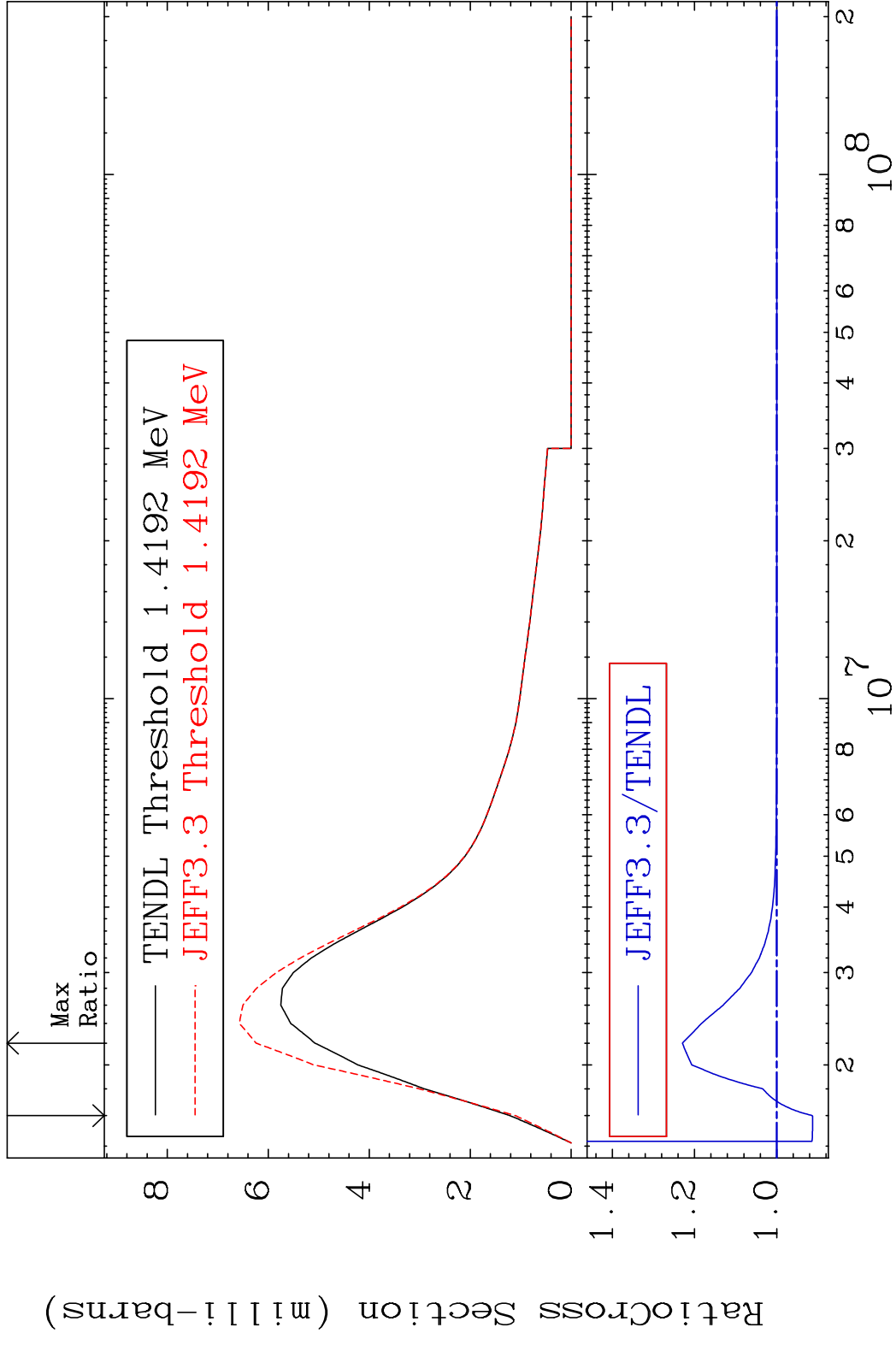


MAT 7837

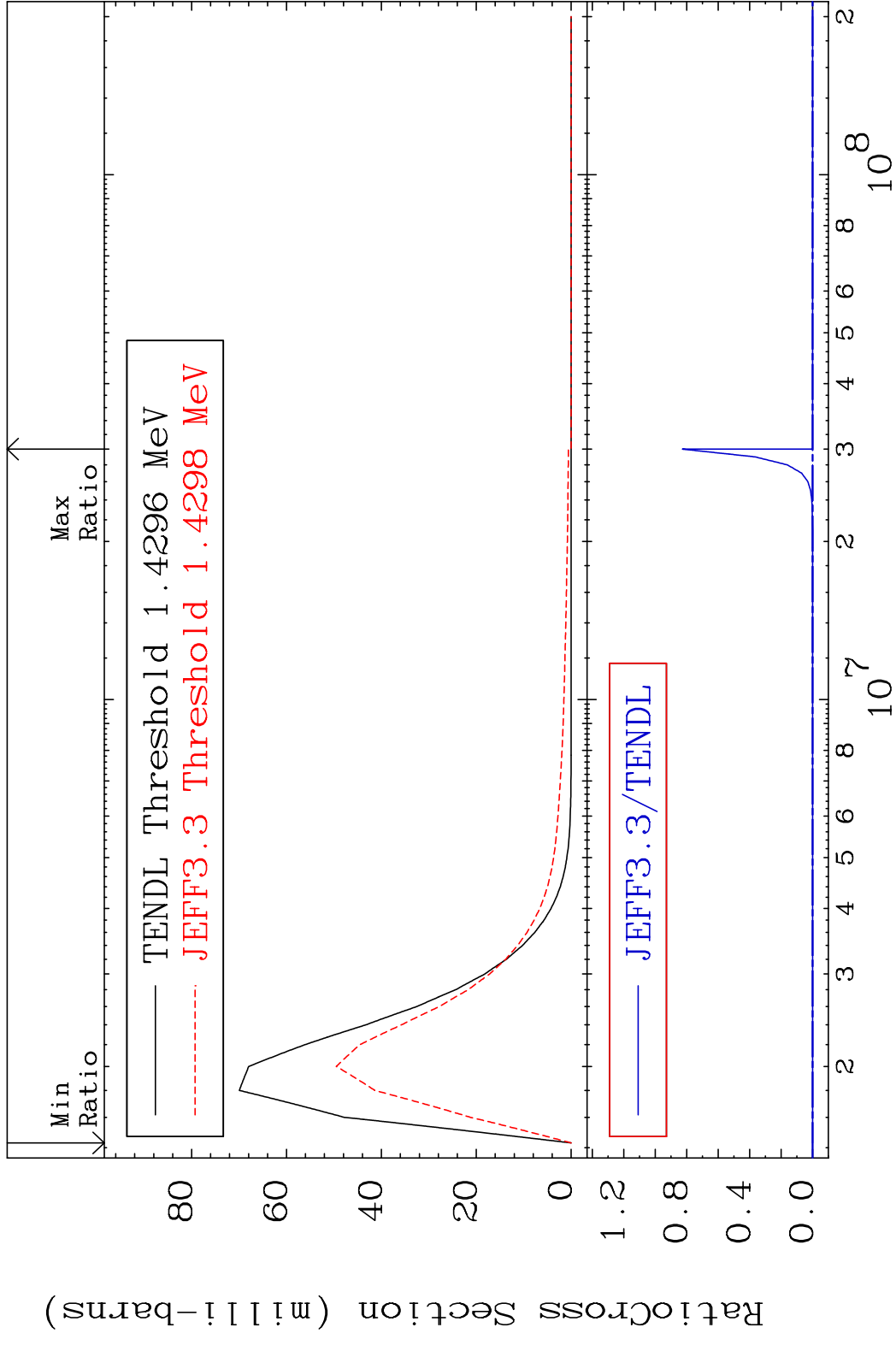
MT= 58 (n,n') Level

78-Pt-194

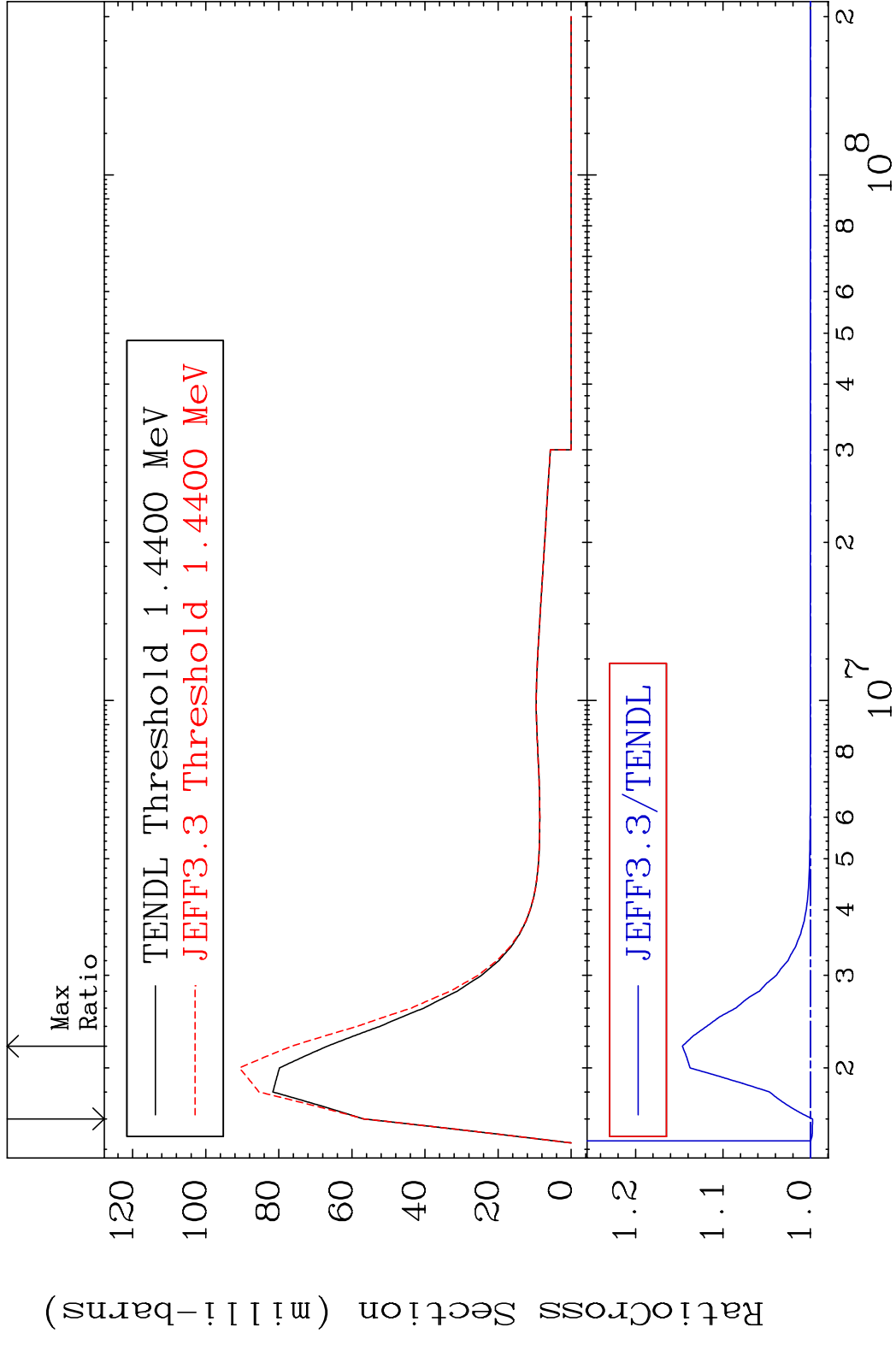
Cross Section -8.722 To 22.97 %



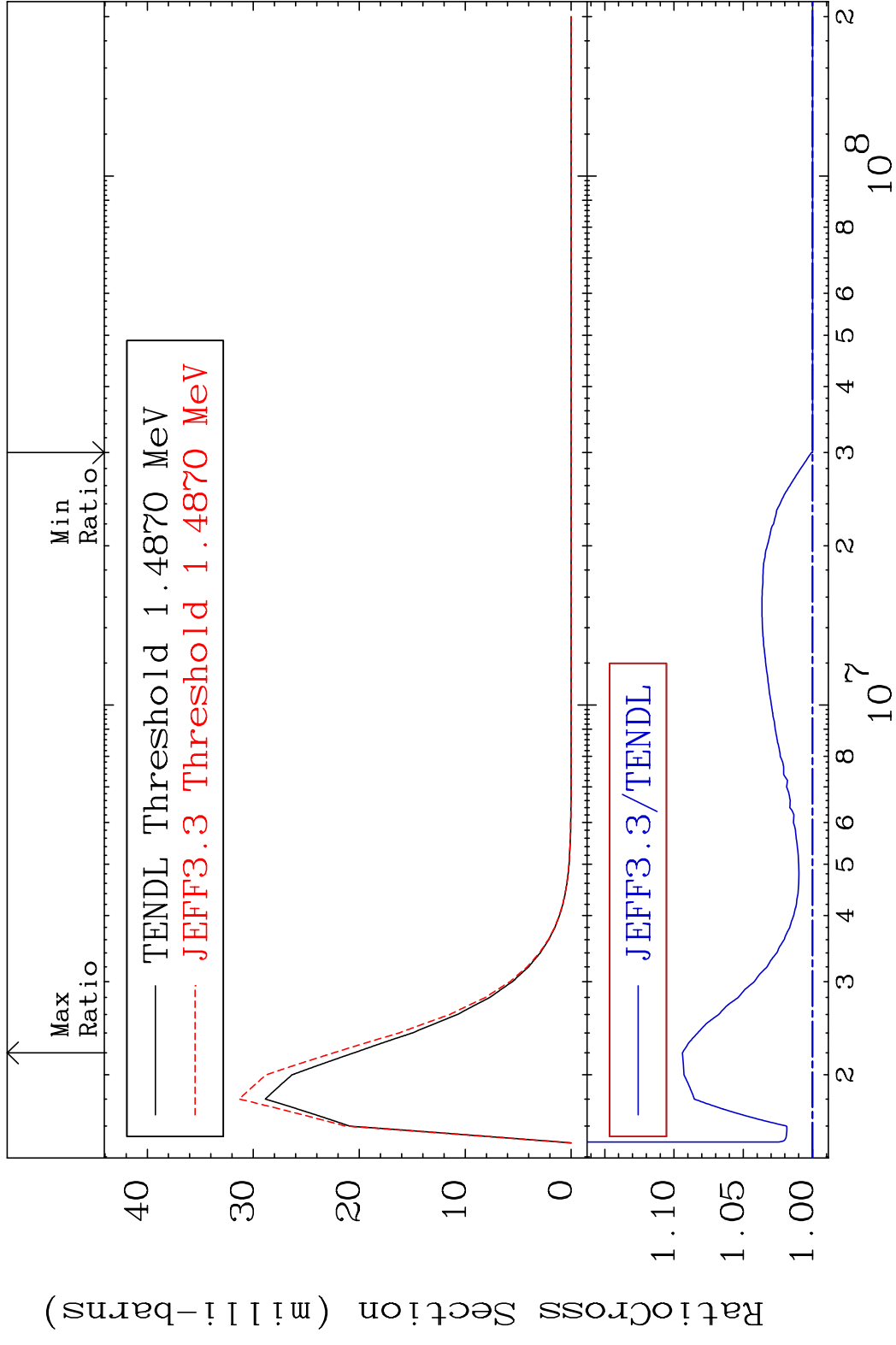
MAT 7837 MT= 59 (n, n') Level 78-Pt-194  
 Cross Section -100.0 To 9999. %



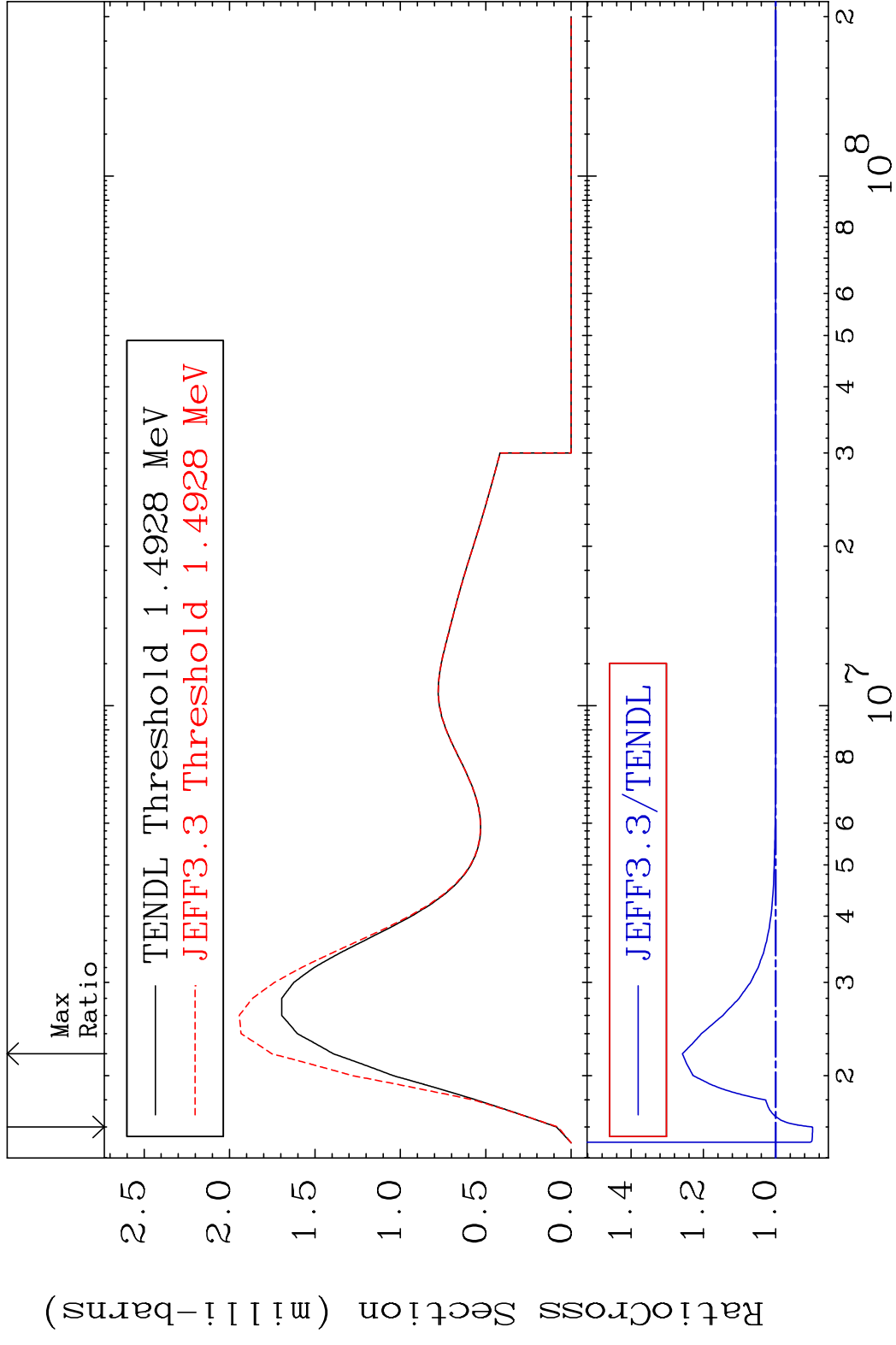
MAT 7837 MT= 60 (n,n') Level 78-Pt-194  
 Cross Section -0.247 To 14.65 %



MAT 7837 MT= 61 (n, n') Level 78-Pt-194  
 Cross Section 0.000 To 9.399 %

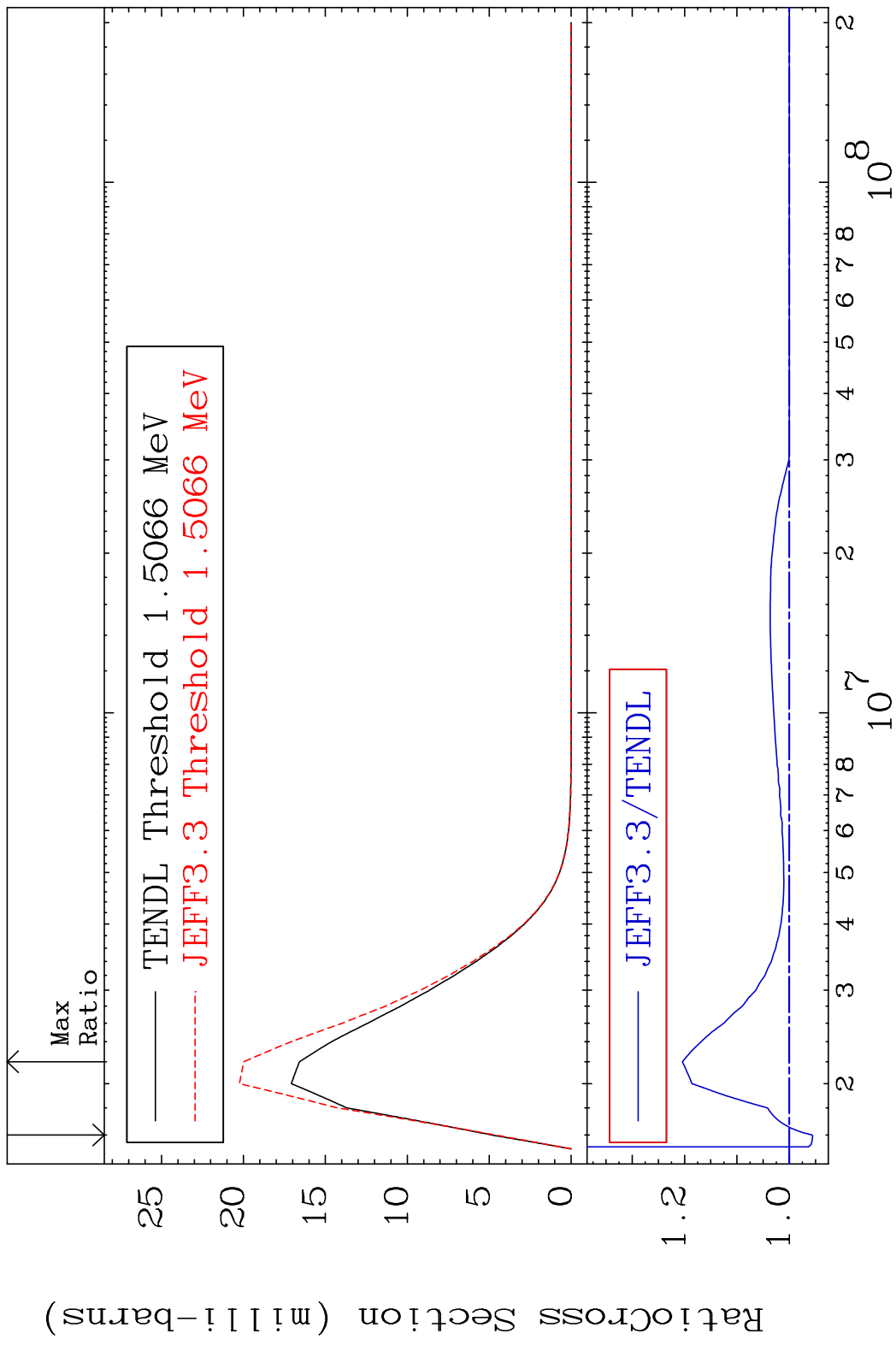


MAT 7837 MT= 62 (n, n') Level 78-Pt-194  
 Cross Section -10.17 To 25.83 %

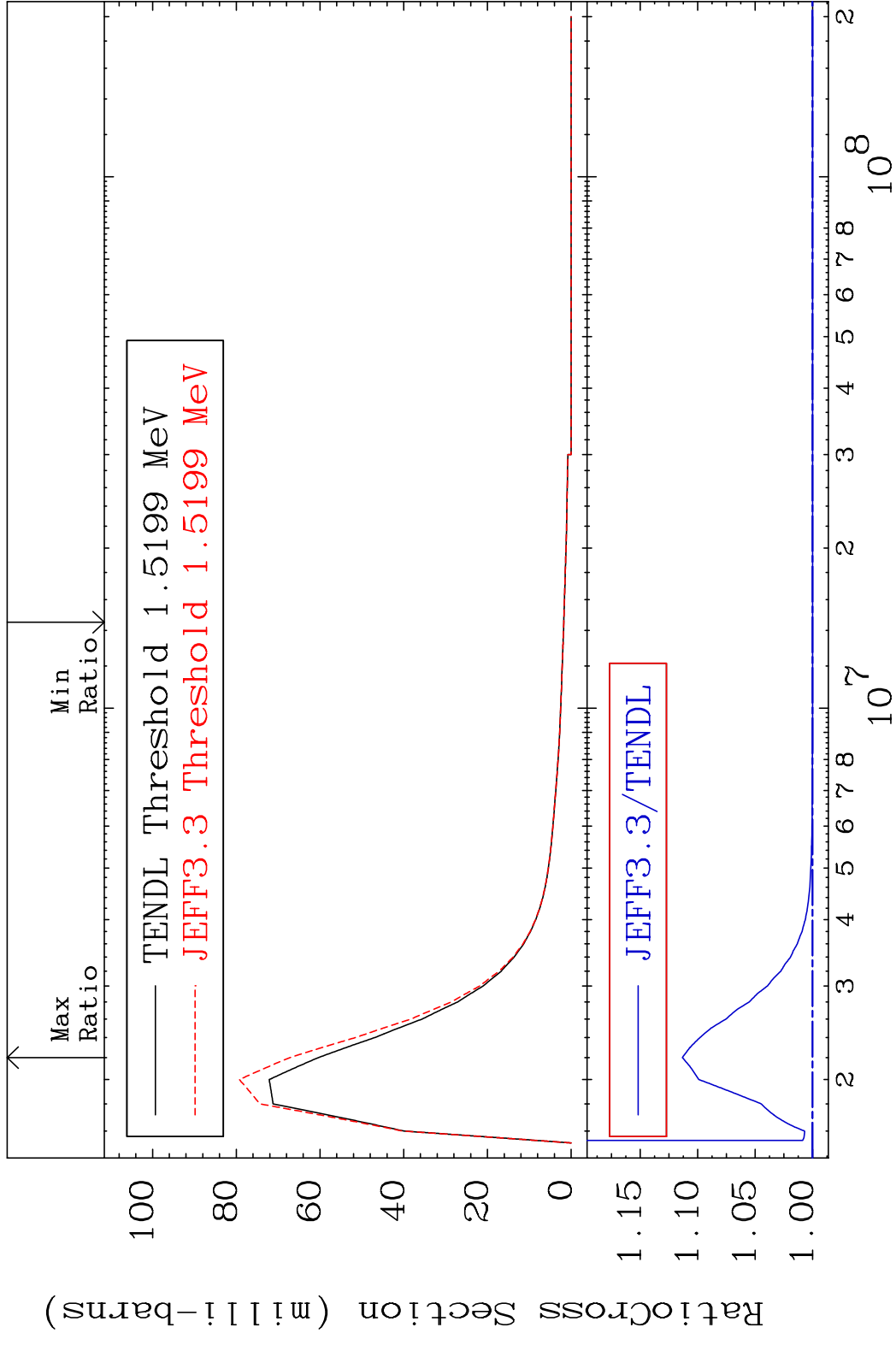




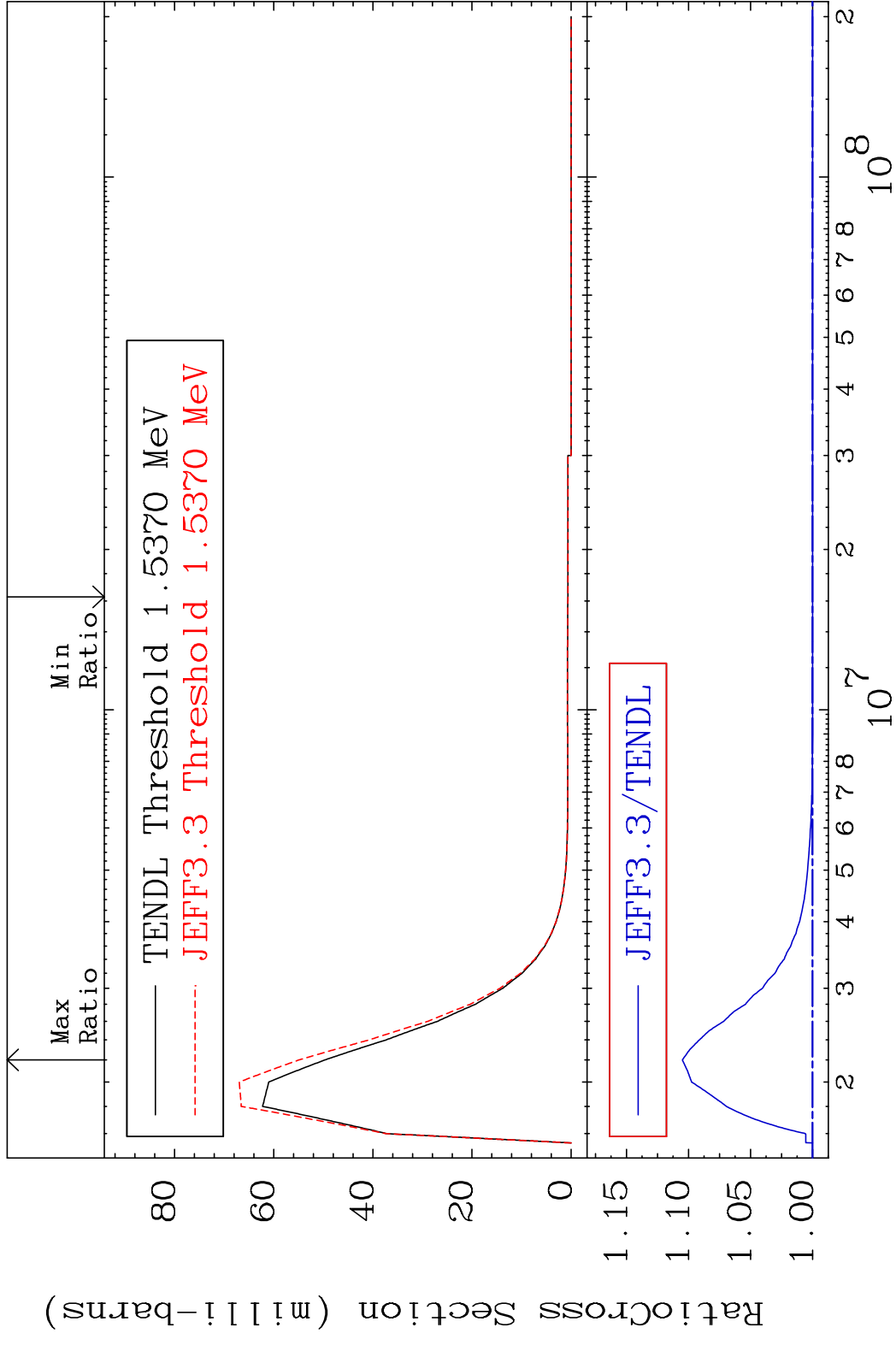
MAT 7837 MT= 63 (n, n') Level 78-Pt-194  
 Cross Section -4.434 To 20.42 %



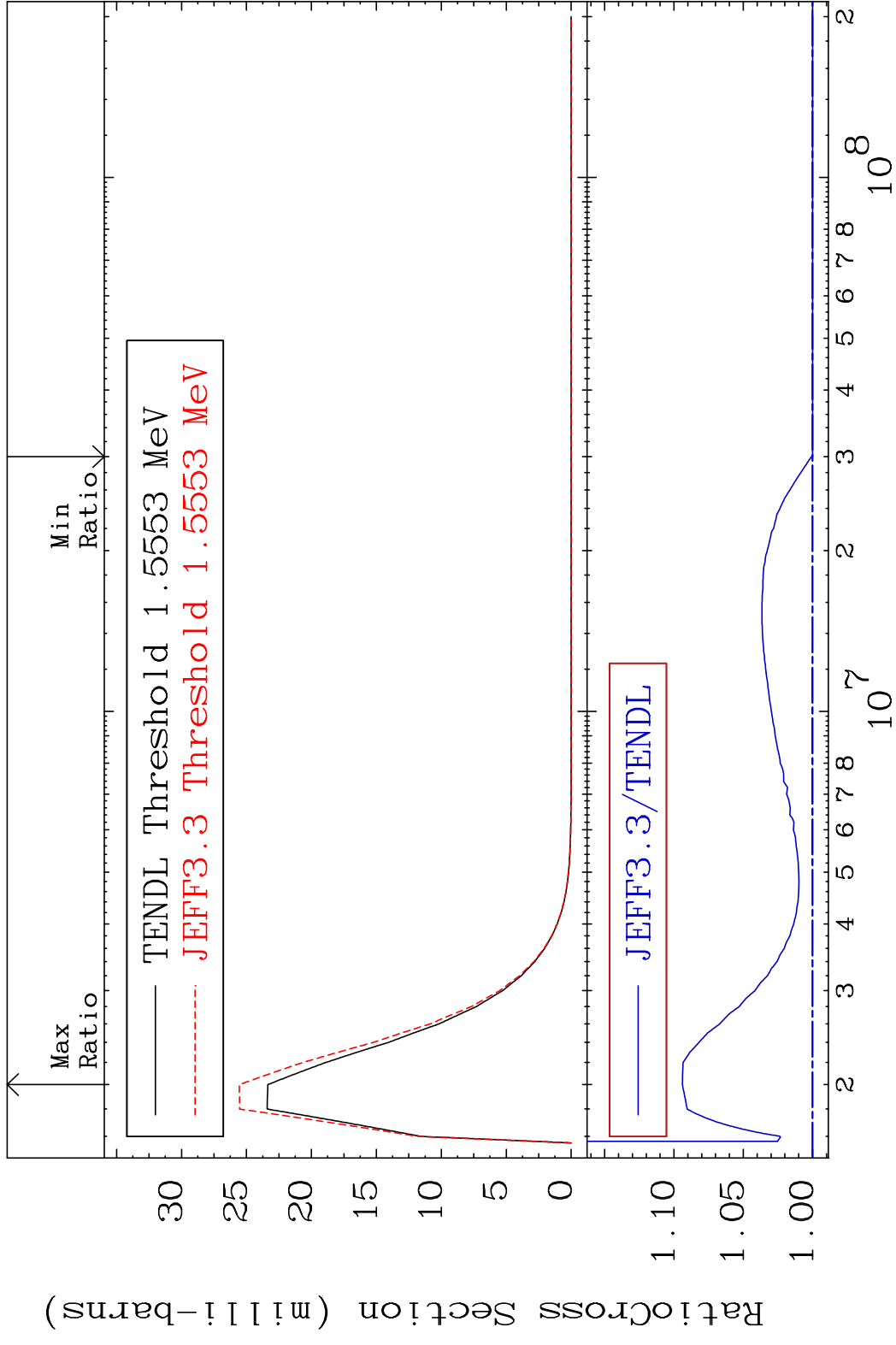
MAT 7837 MT= 64 (n, n') Level 78-Pt-194  
 Cross Section 0.000 To 11.33 %



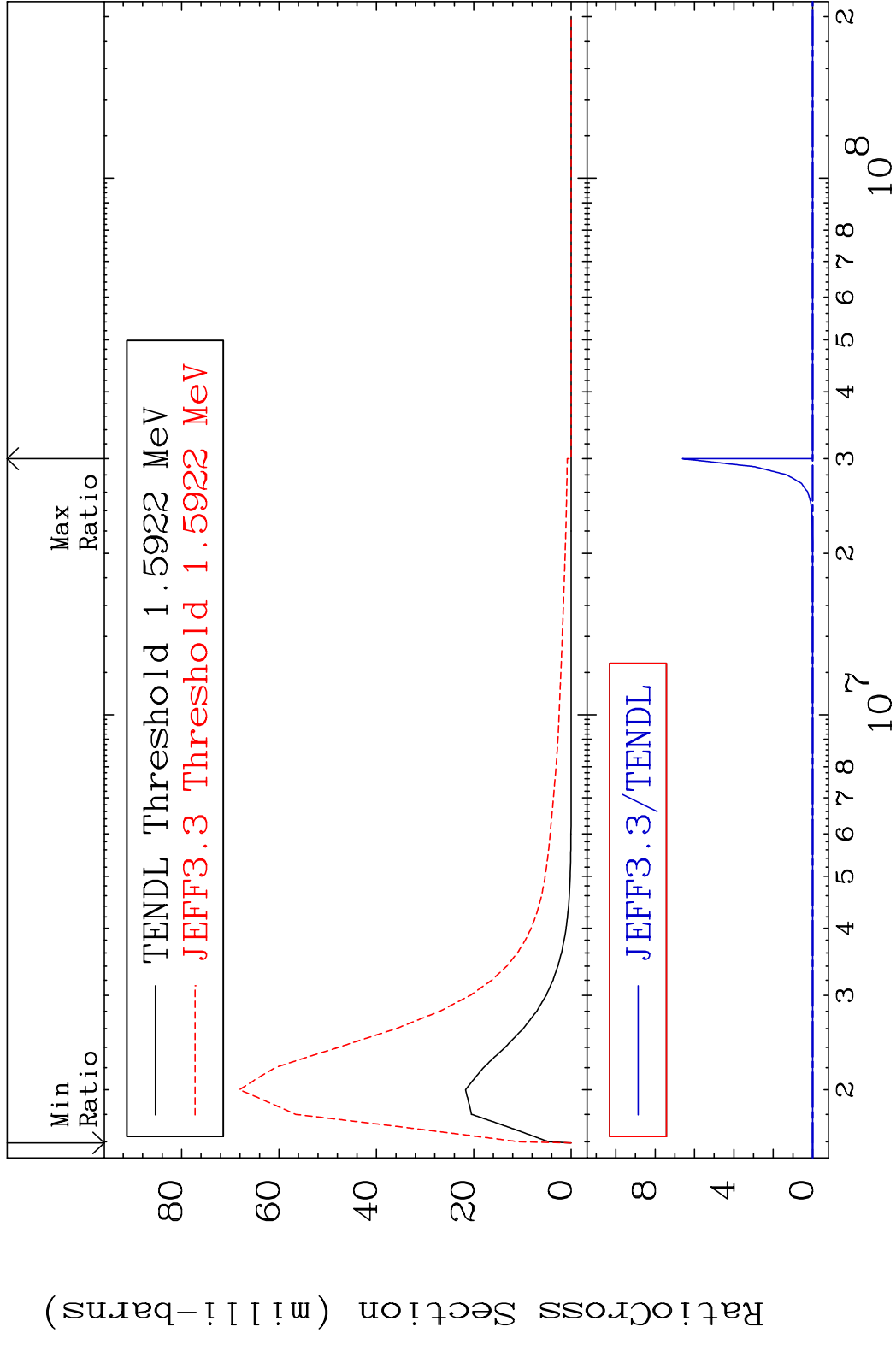
MAT 7837 MT= 65 (n, n') Level 78-Pt-194  
 Cross Section 0.000 To 10.50 %



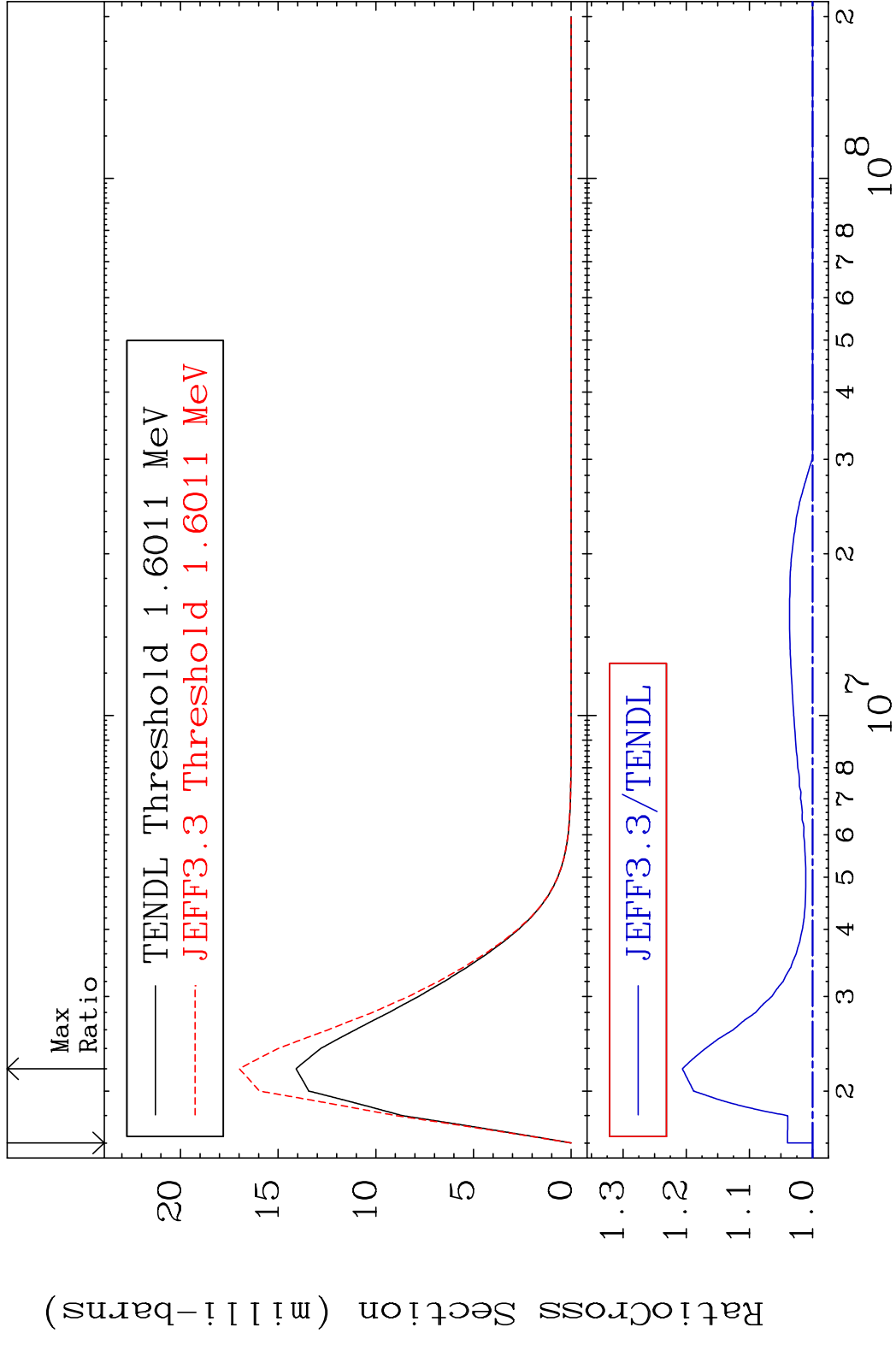
MAT 7837 MT= 66 (n, n') Level 78-Pt-194  
 Cross Section 0.000 To 9.397 %



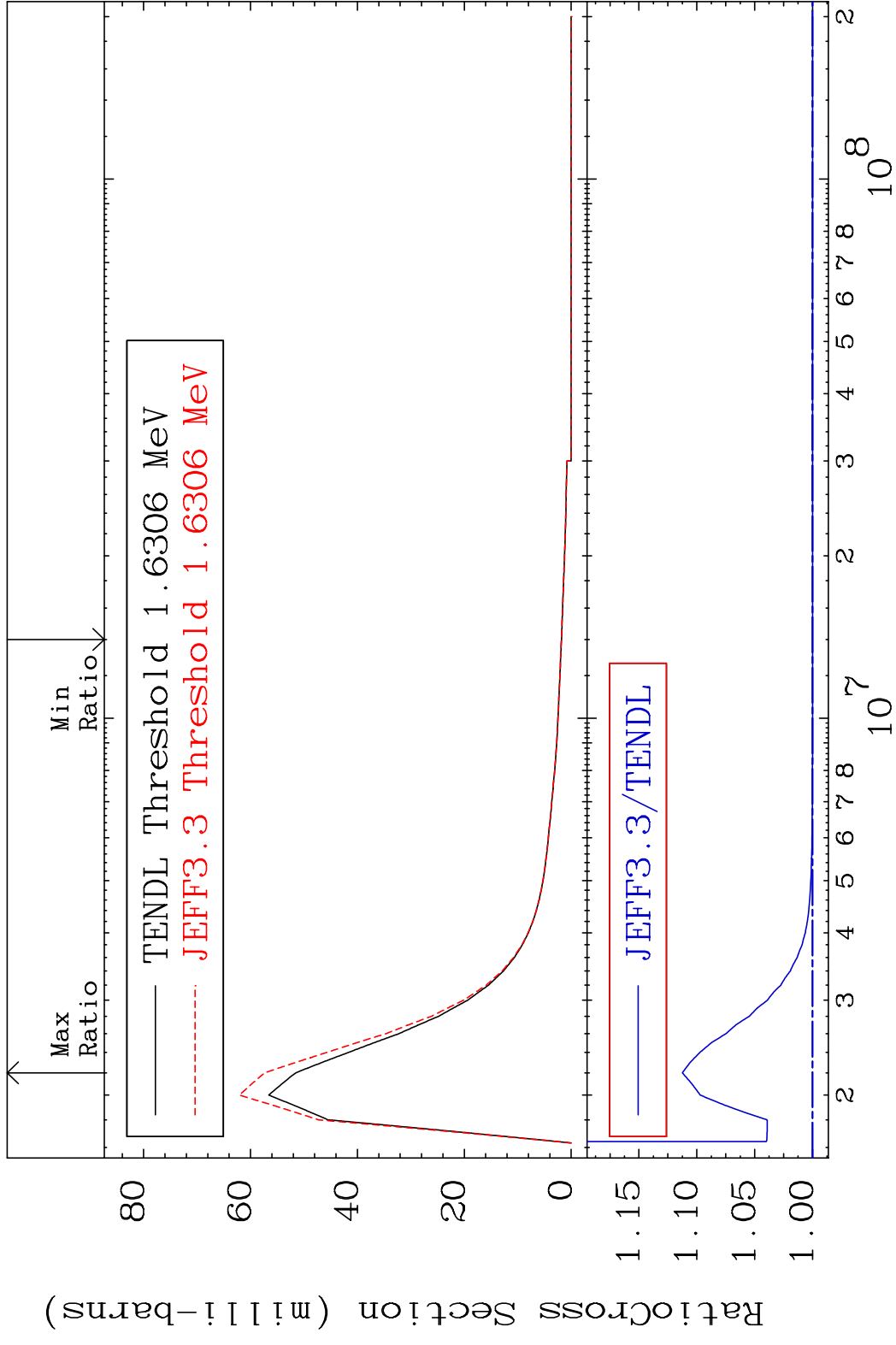
MAT 7837 MT= 67 (n, n') Level 78-Pt-194  
 Cross Section -100.0 To 9999. %



MAT 7837 MT= 68 (n,n') Level 78-Pt-194  
 Cross Section 0.000 To 20.60 %



MAT 7837 MT= 69 (n, n') Level 78-Pt-194  
 Cross Section 0.000 To 11.25 %

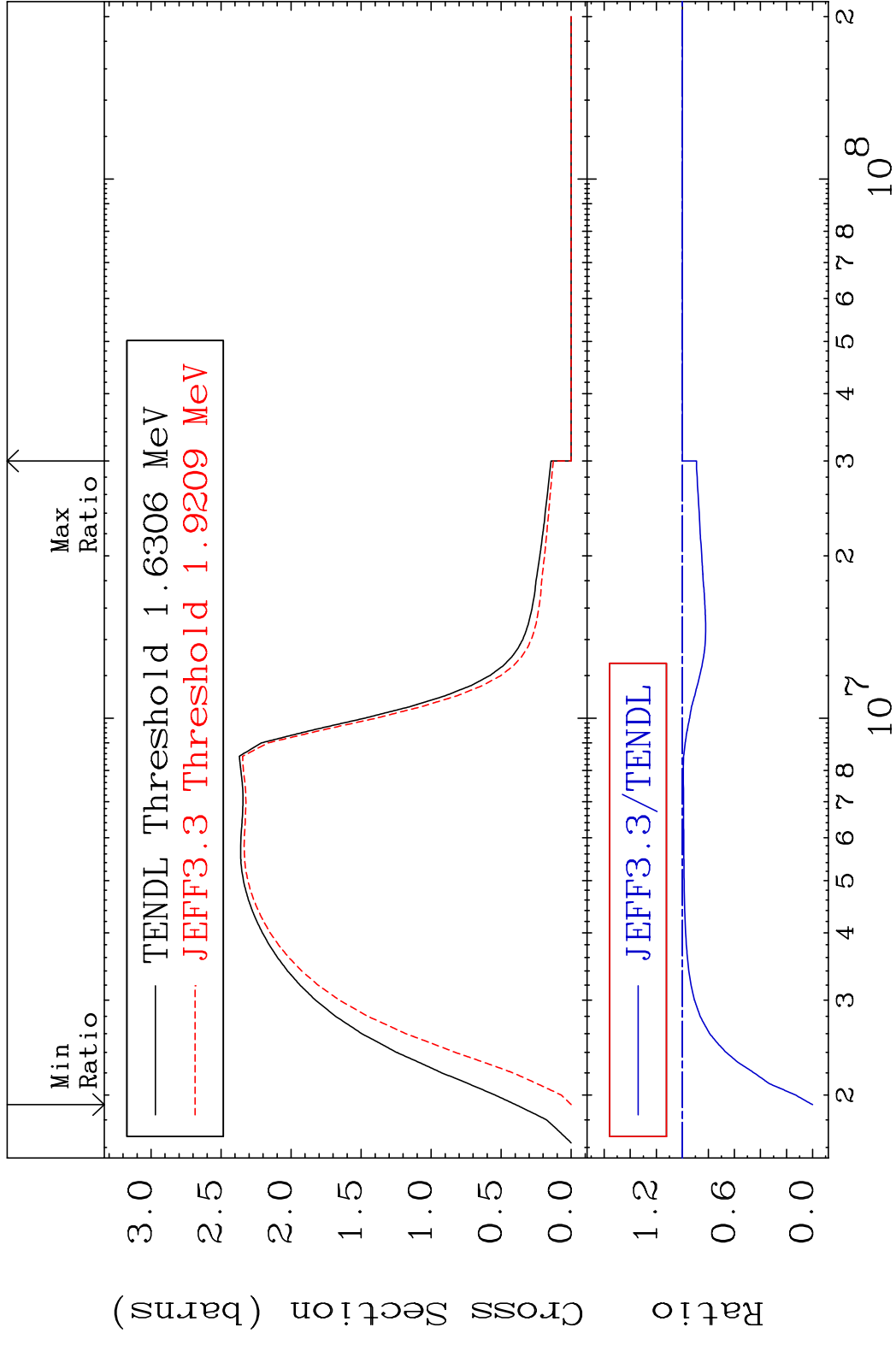


MAT 7837

(n, n') Continuum

78-Pt-194

Cross Section -100.0 To 0.000 %



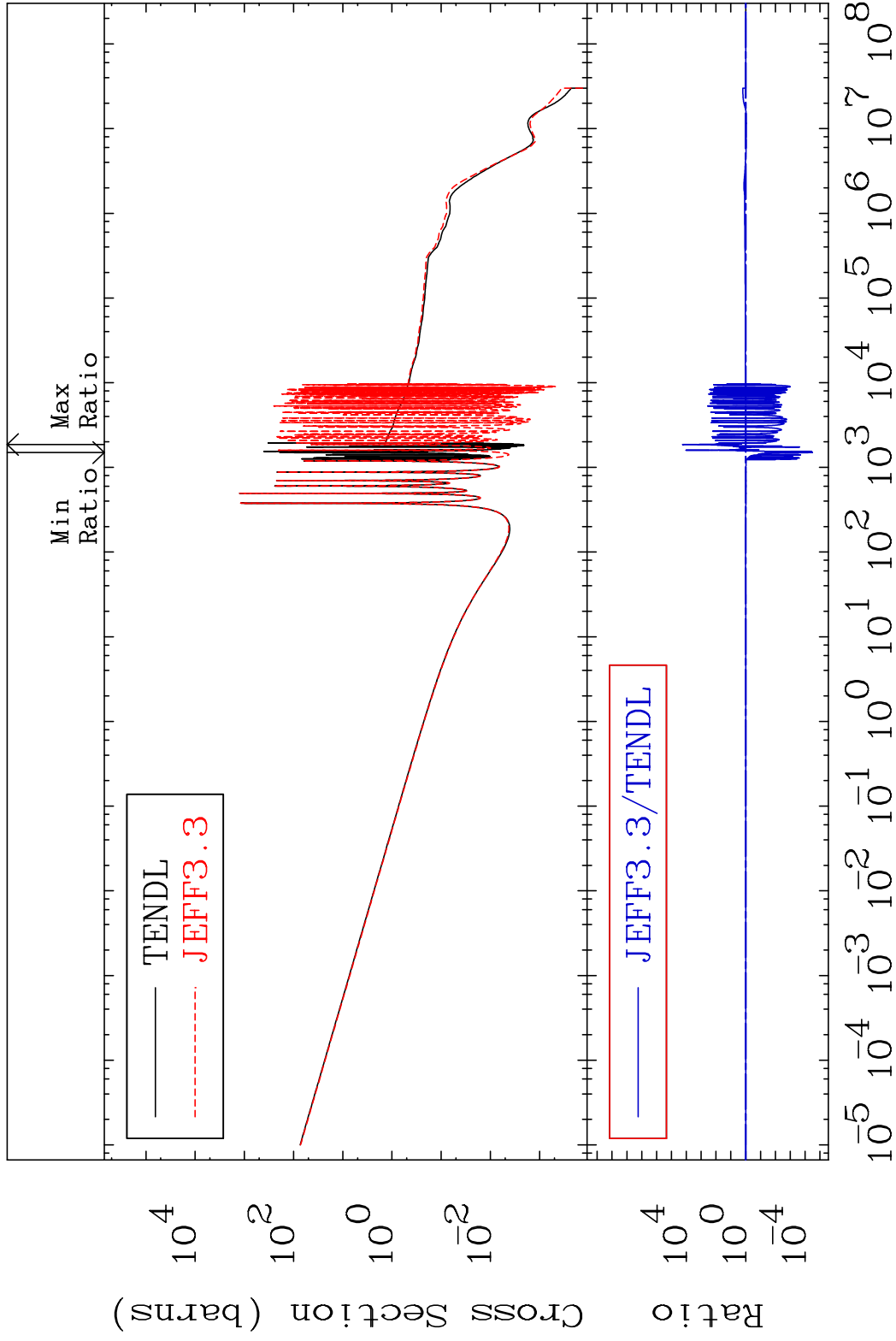


MAT 7837

(n,  $\gamma$ )

78-Pt-194

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

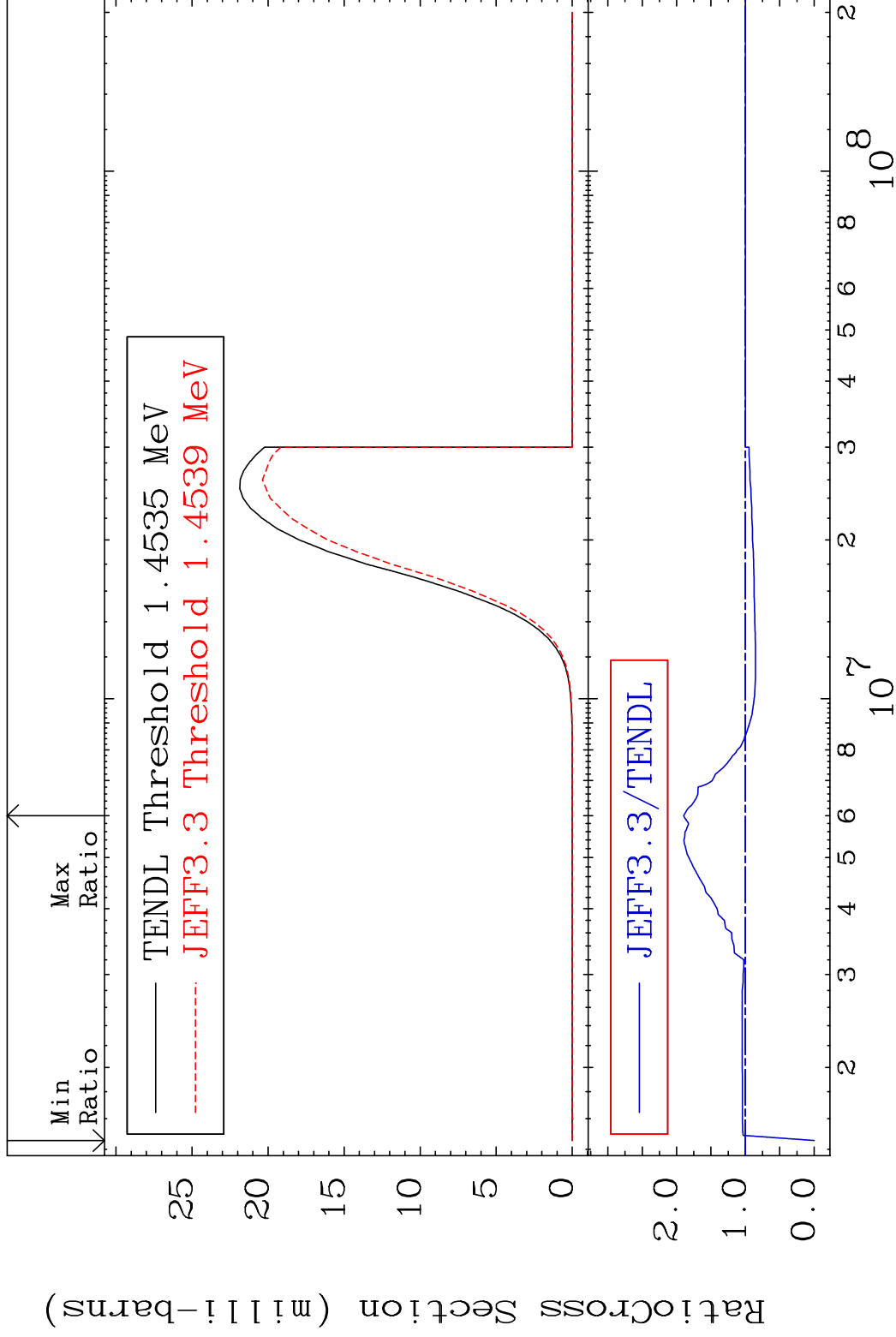
78-Pt-194

MAT 7837

(n, p)

78-Pt-194

Cross Section -100.0 To 89.77 %

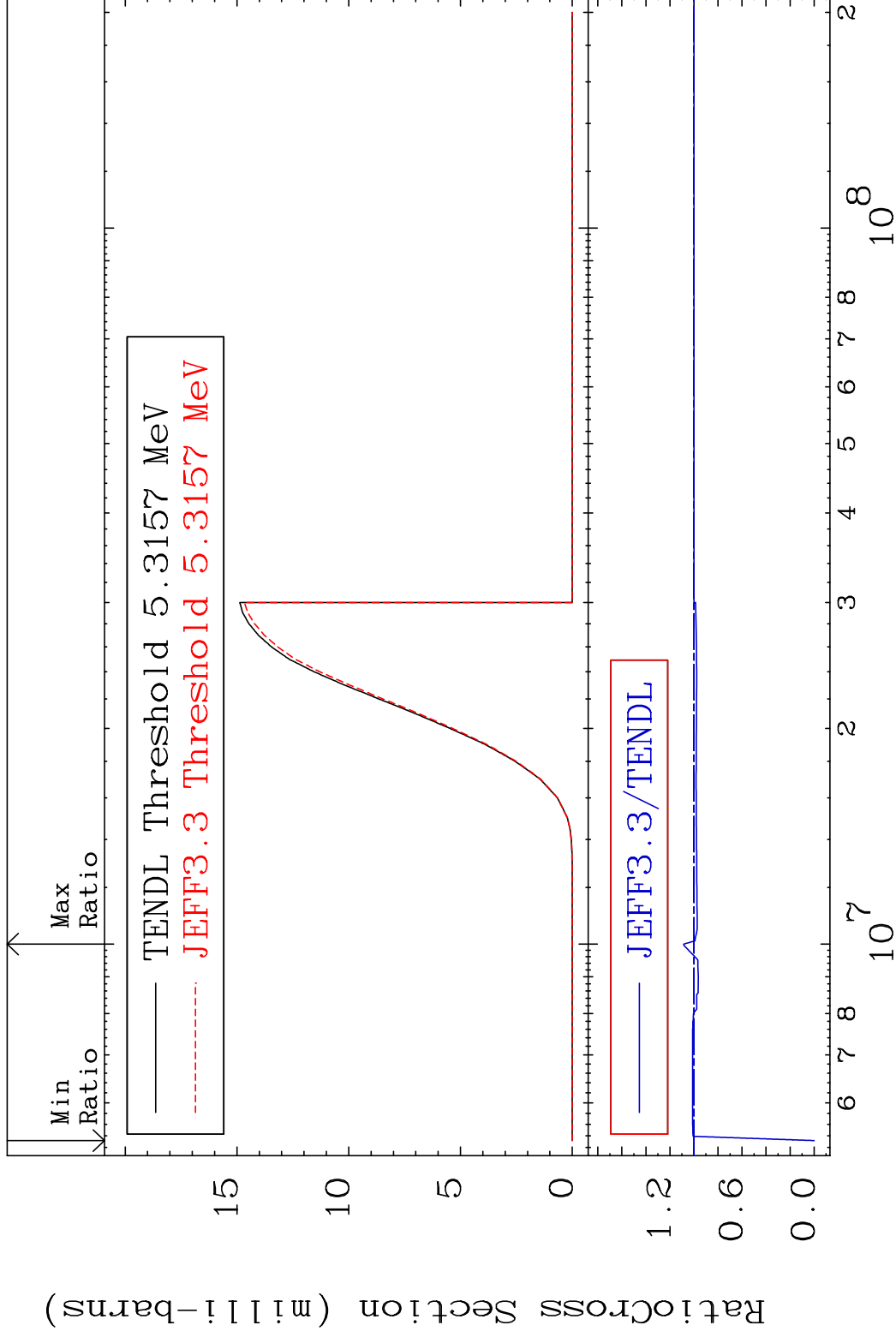


MAT 7837

(n,d)

78-Pt-194

Cross Section -100.0 To 8.566 %



42

Incident Energy (eV)

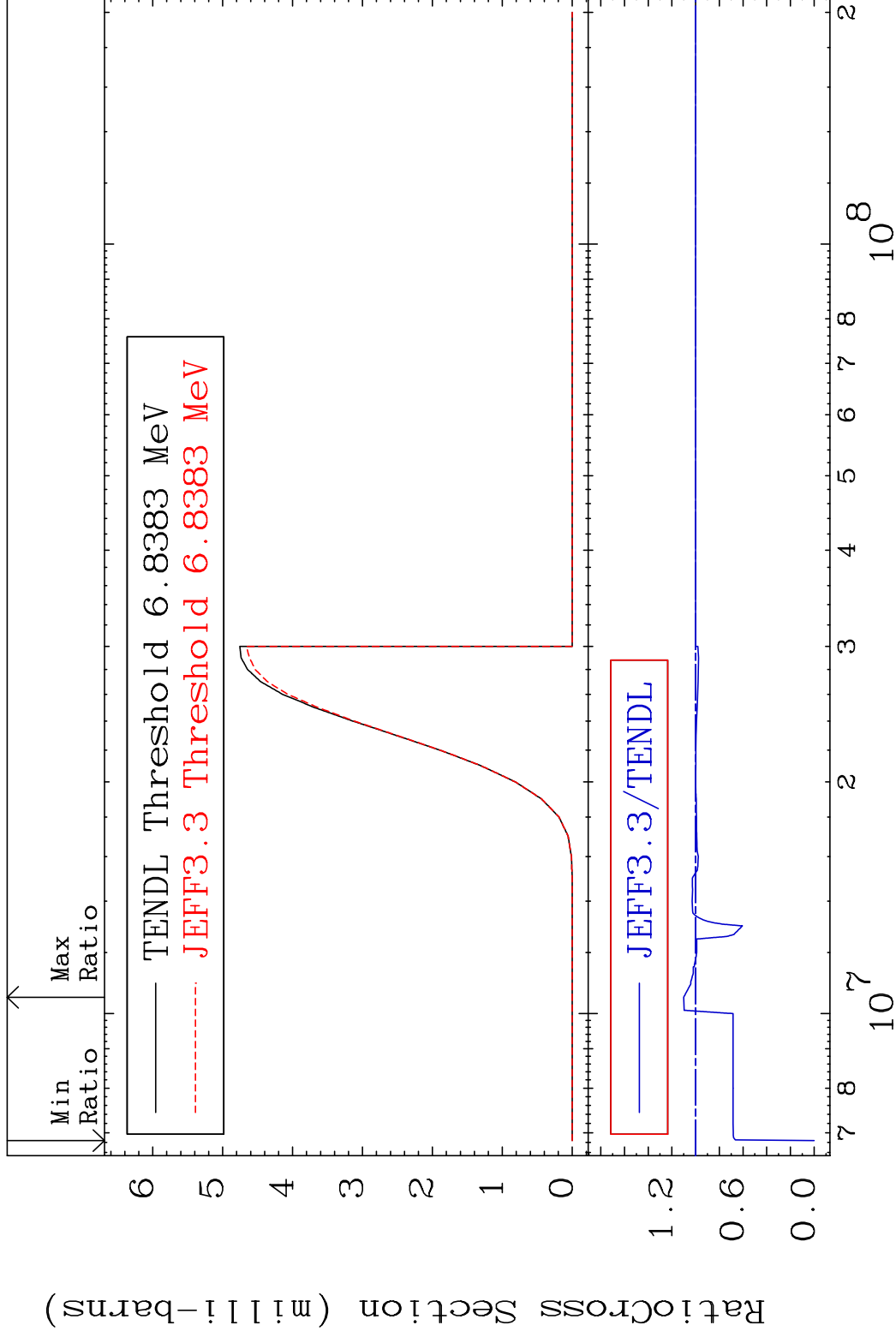
78-Pt-194

MAT 7837

(n, t)

78-Pt-194

Cross Section -100.0 To 10.06 %



43

Incident Energy (eV)

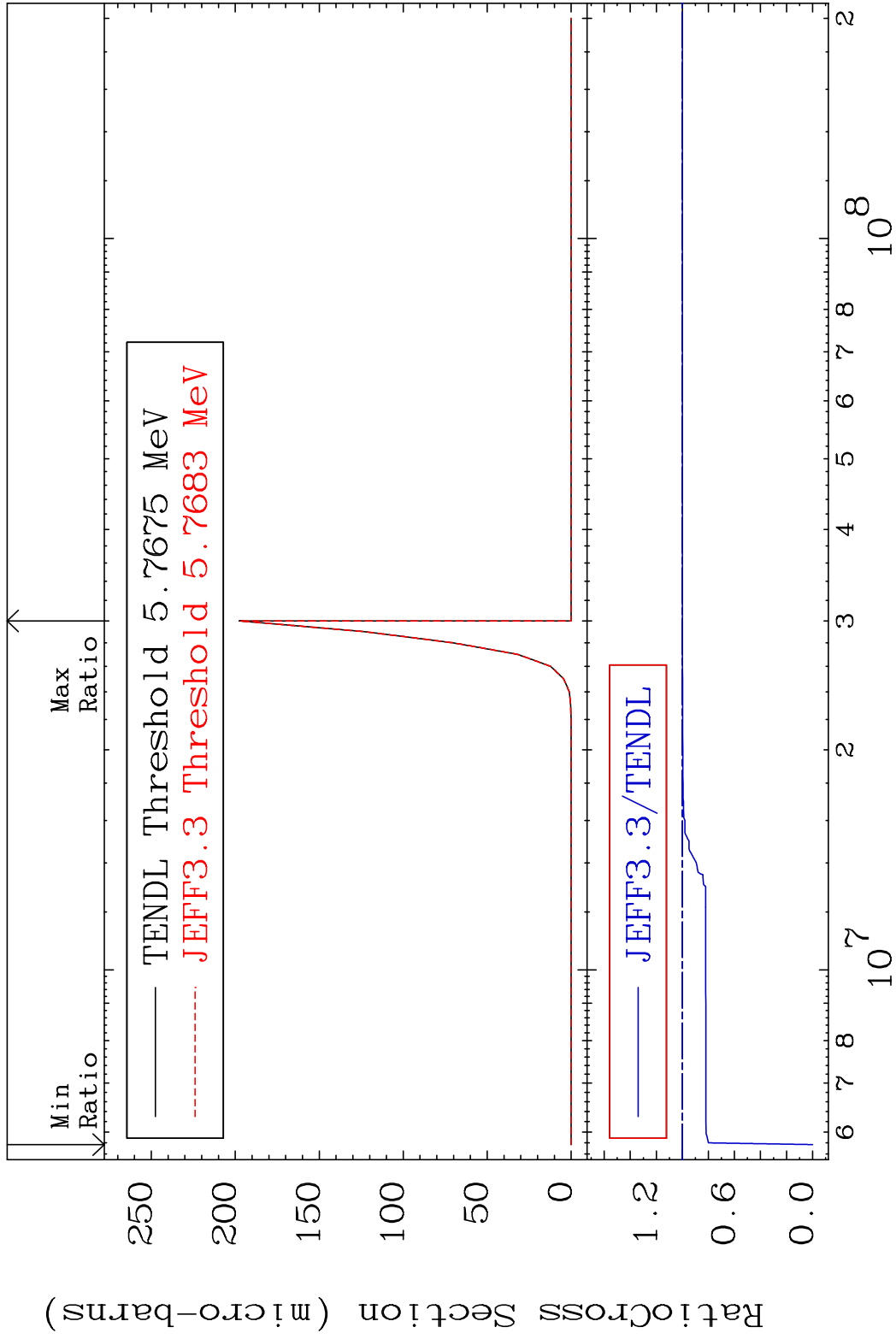
78-Pt-194

MAT 7837

(n, He-3)

78-Pt-194

Cross Section -100.0 To 0.000 %



44

Incident Energy (eV)

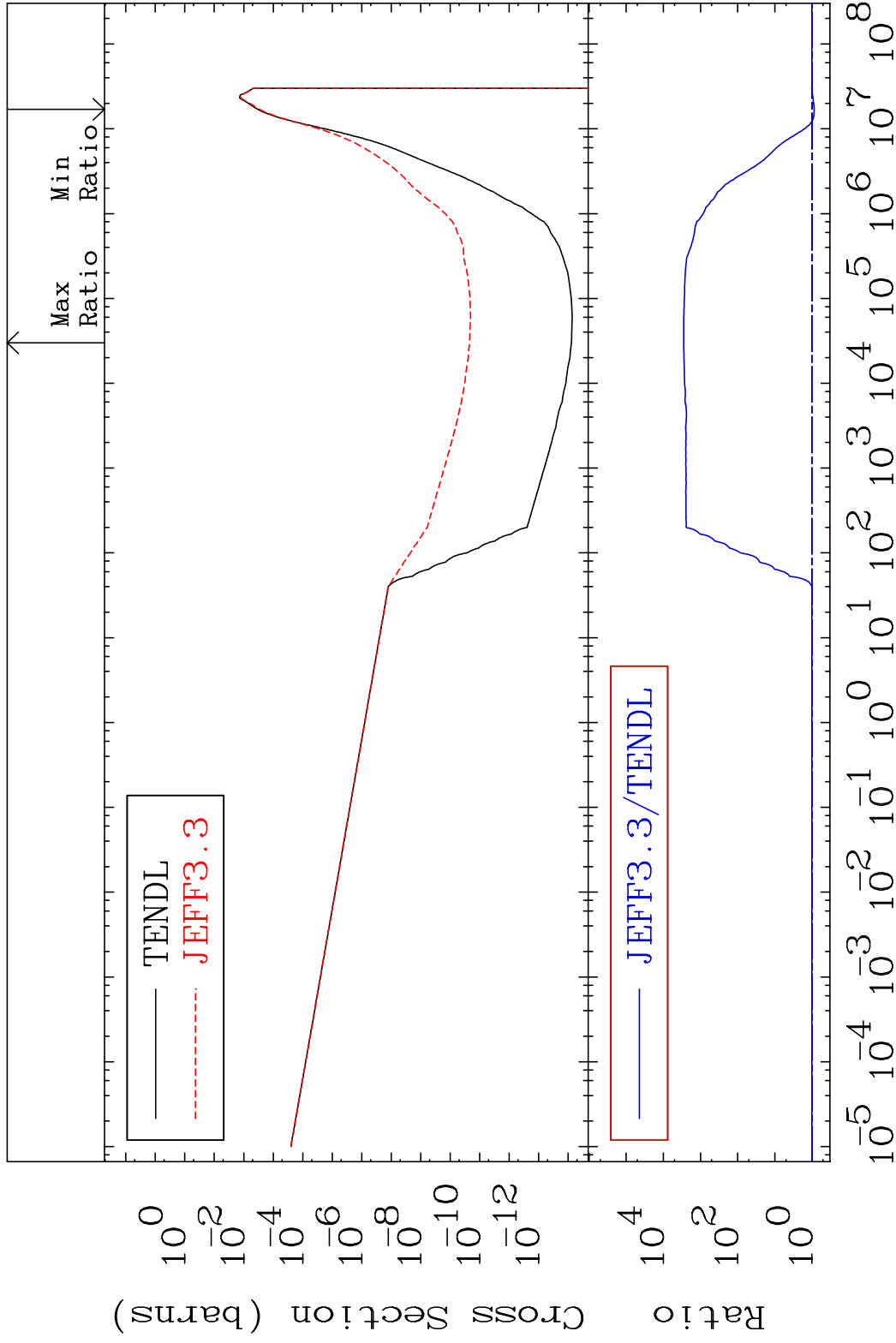
78-Pt-194

MAT 7837

(n,  $\alpha$ )

78-Pt-194

Cross Section -12.80 To 9999. %



45

Incident Energy (eV)

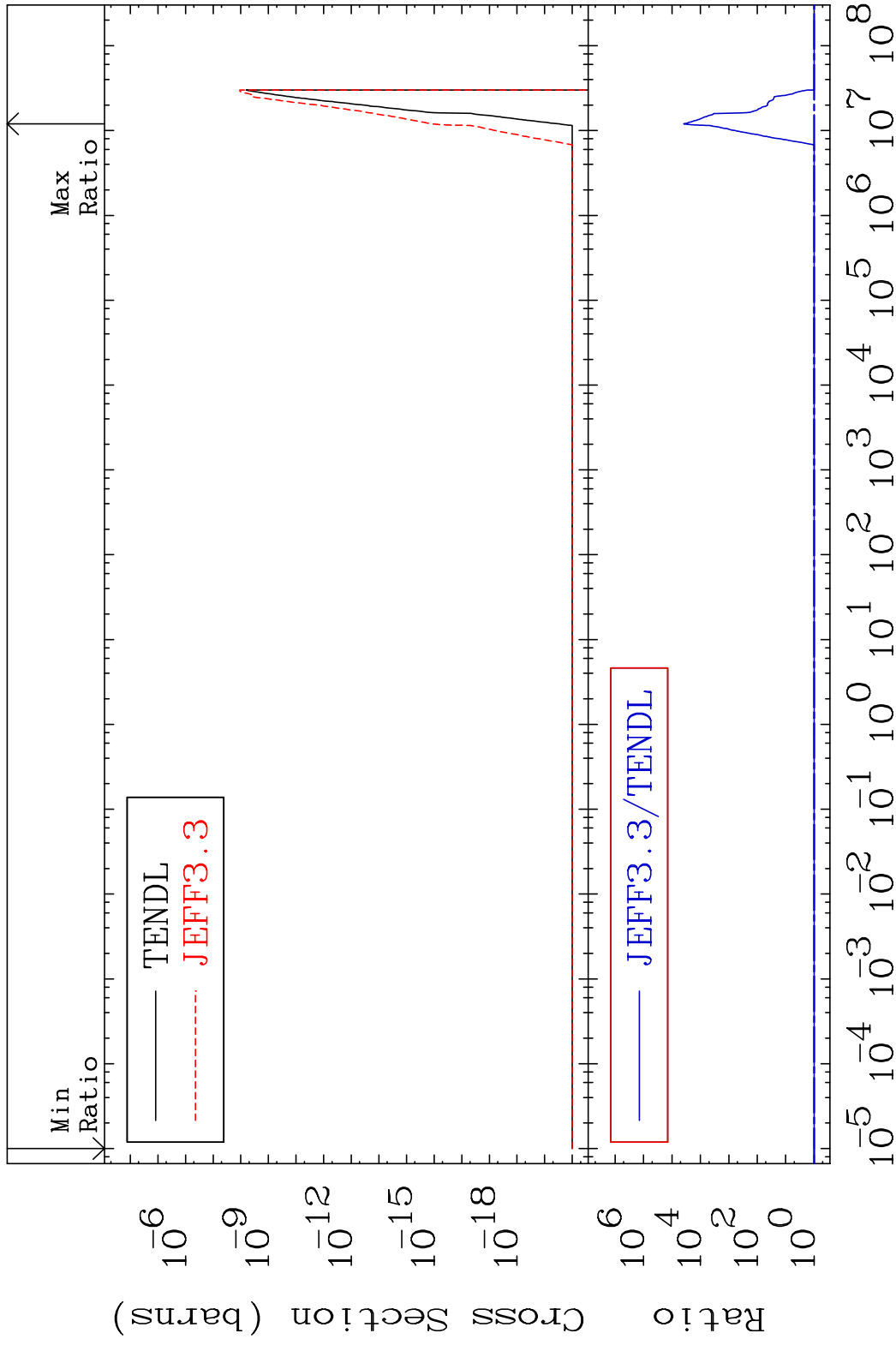
78-Pt-194

MAT 7837

(n,2α)

78-Pt-194

Cross Section 0.000 To 9999. %



46

Incident Energy (eV)

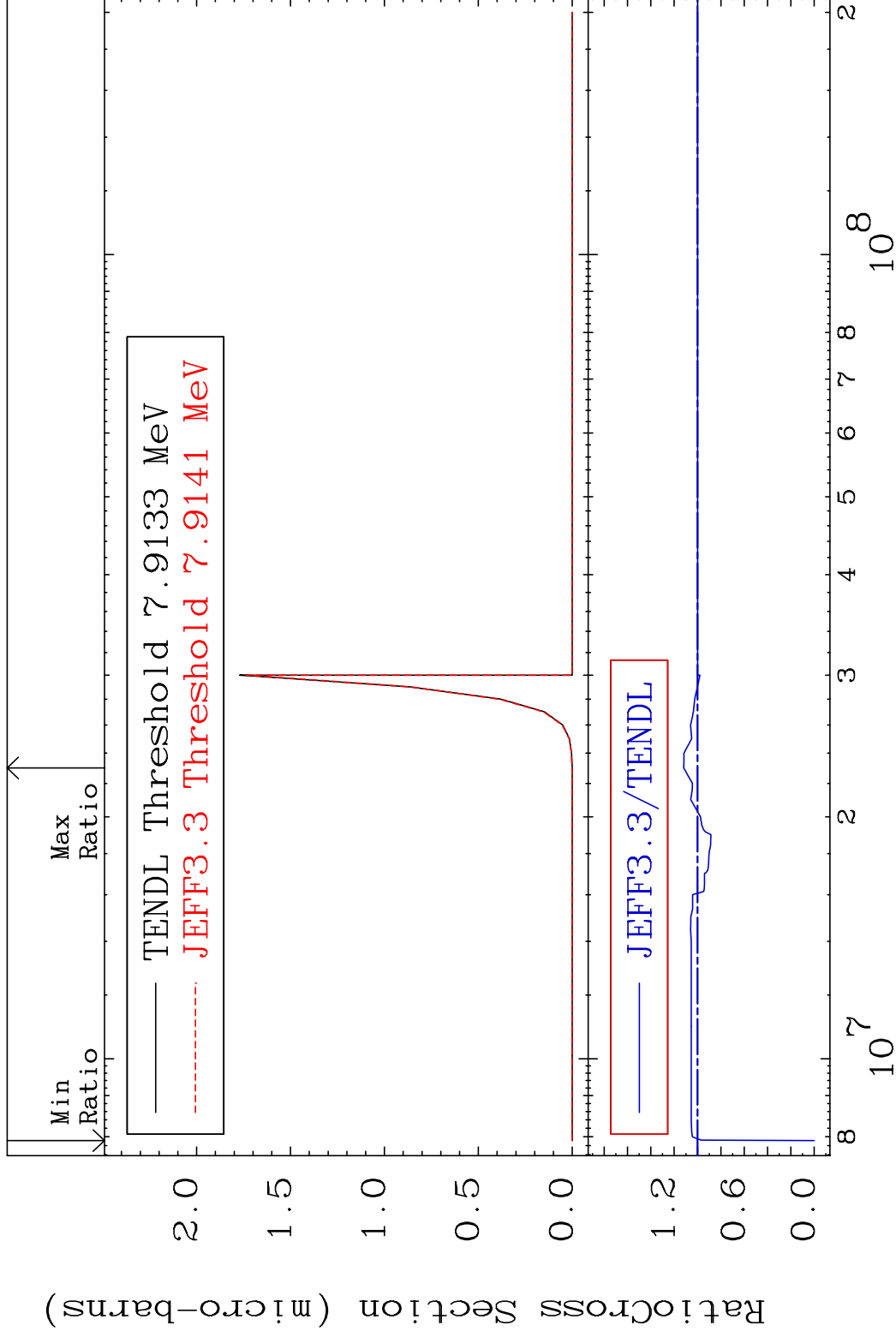
78-Pt-194

MAT 7837

(n,2p)

78-Pt-194

Cross Section -100.0 To 11.89 %



47

Incident Energy (eV)

78-Pt-194

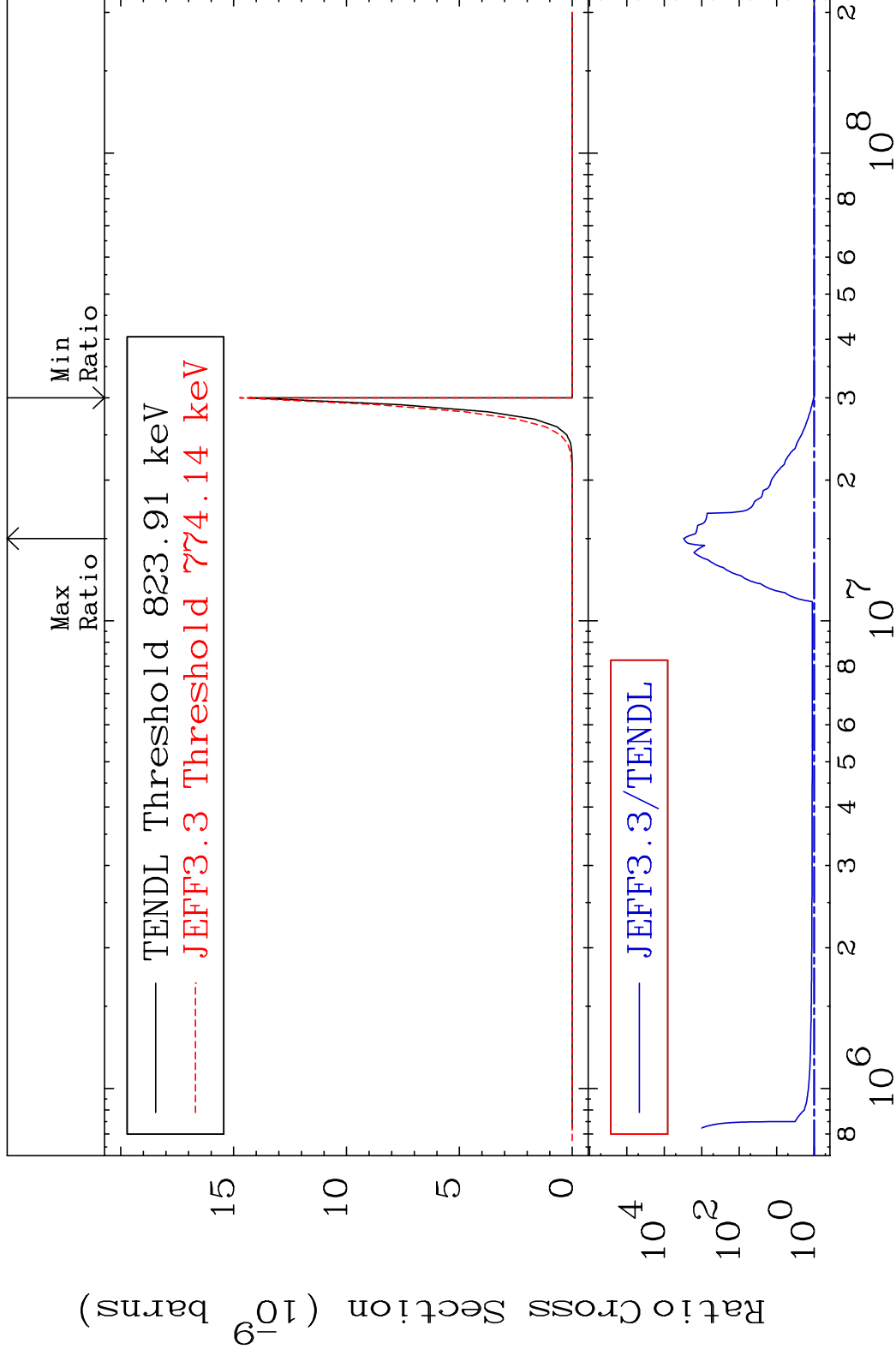


MAT 7837

(n,p)  $\alpha$

78-Pt-194

Cross Section 0.000 To 9999. %



48

Incident Energy (eV)

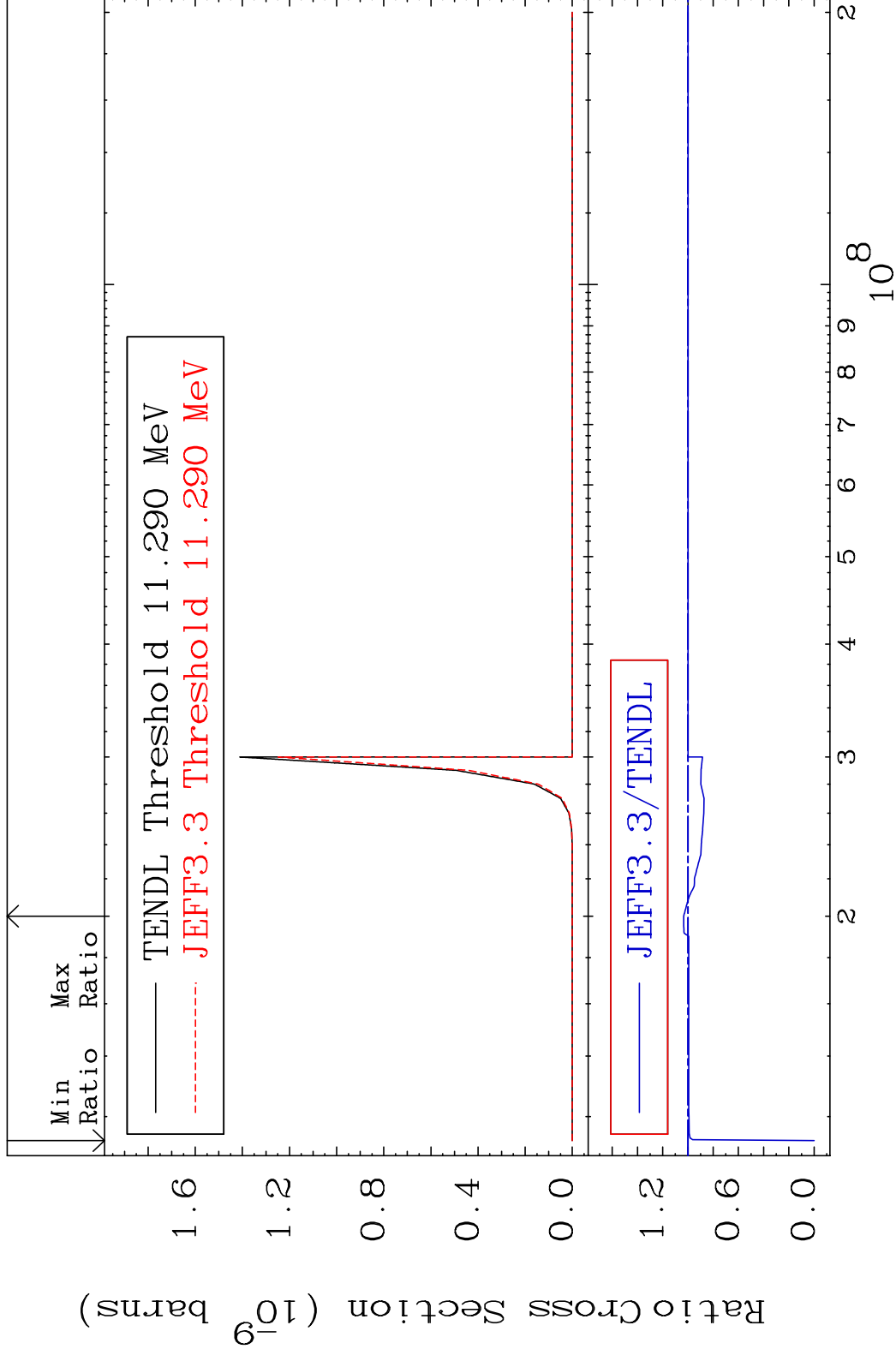
78-Pt-194

MAT 7837

(n,p) d

78-Pt-194

Cross Section -100.0 To 3.395 %



49

Incident Energy (eV)

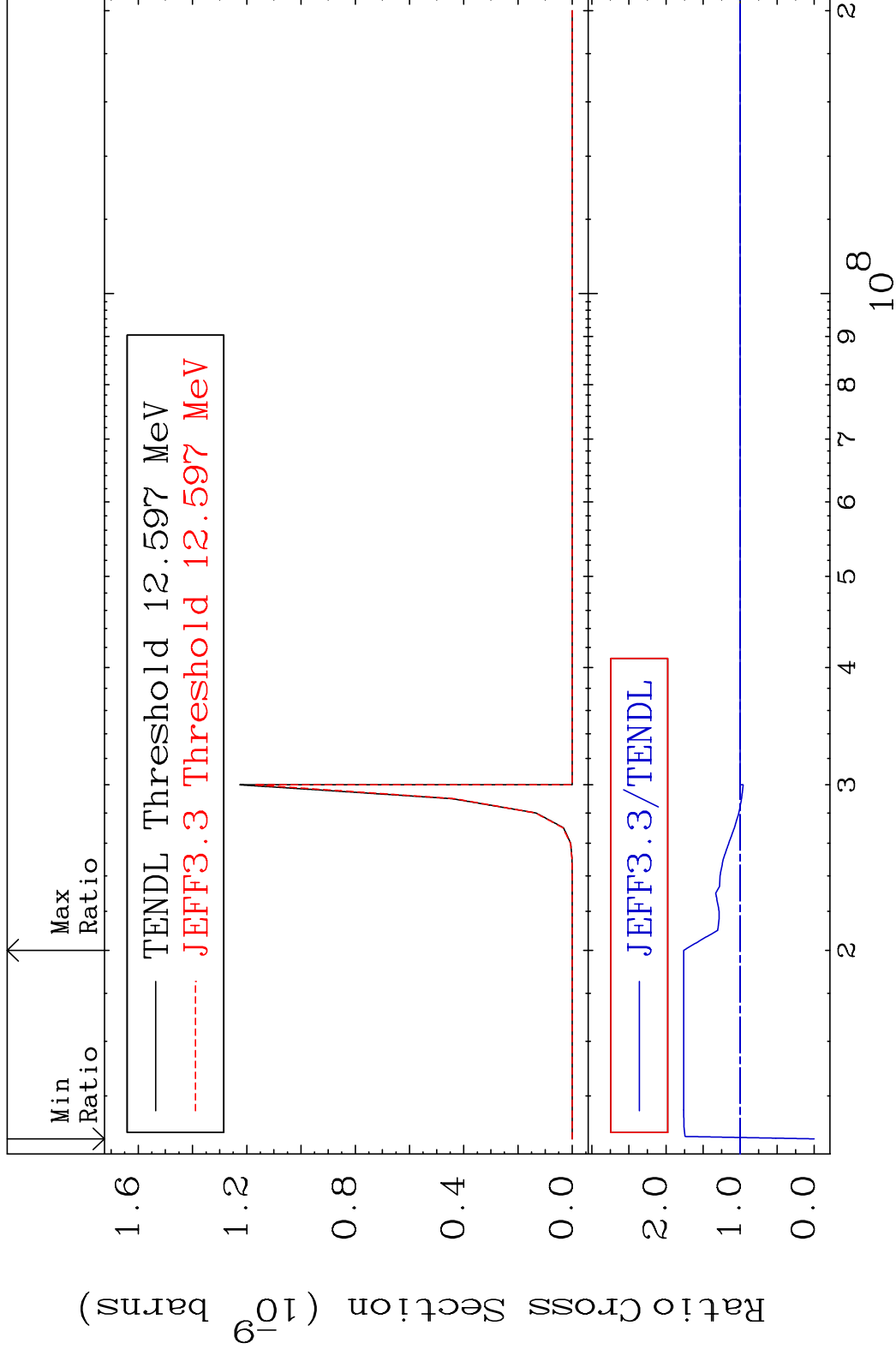
78-Pt-194

MAT 7837

(n,p) t

78-Pt-194

Cross Section -100.0 To 76.15 %



50

Incident Energy (eV)

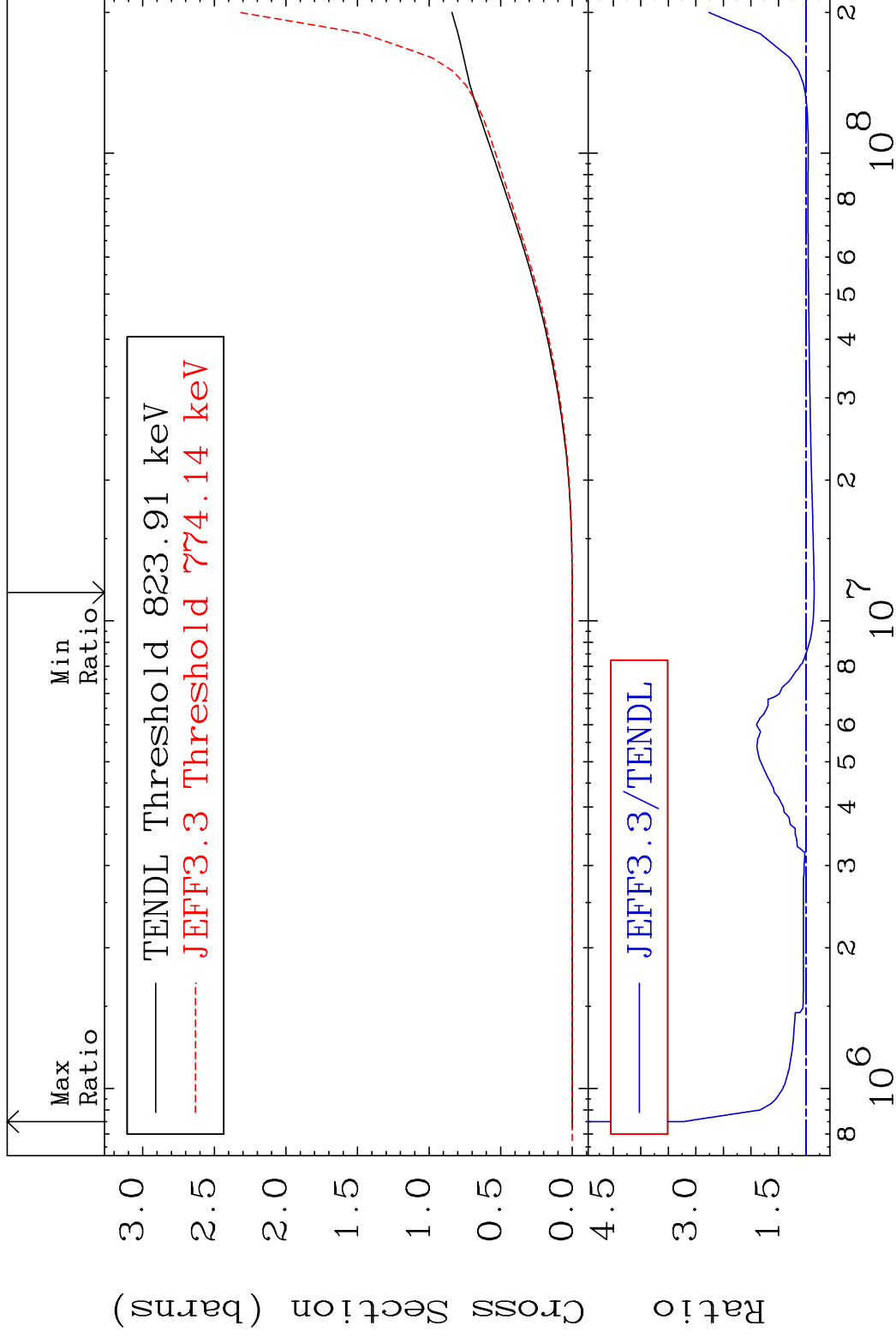
78-Pt-194

MAT 7837

Hydrogen Production

78-Pt-194

Cross Section -14.76 To 222.1 %



51

Incident Energy (eV)

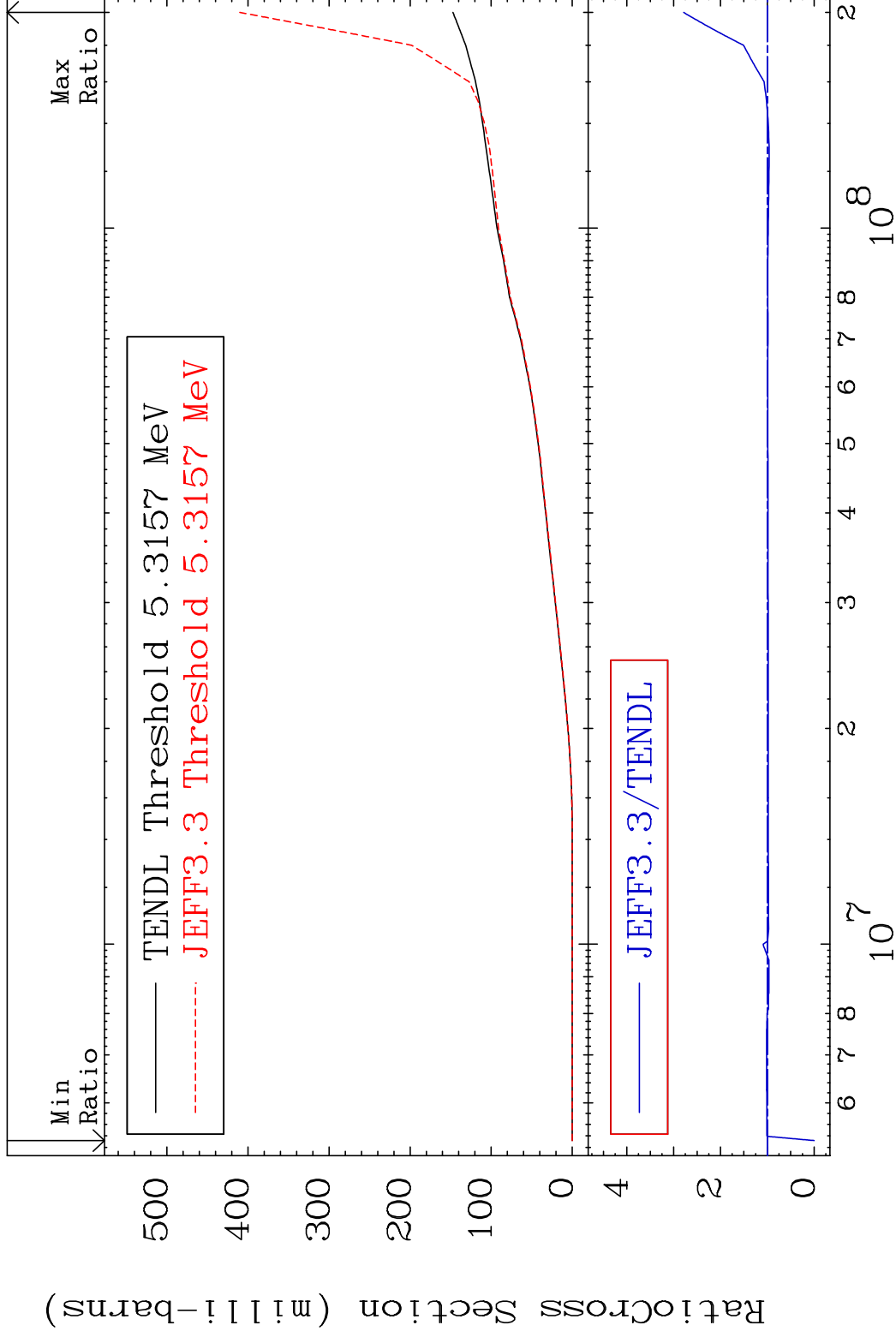
78-Pt-194

MAT 7837

Deuterium Production

78-Pt-194

Cross Section -100.0 To 178.6 %



52

Incident Energy (eV)

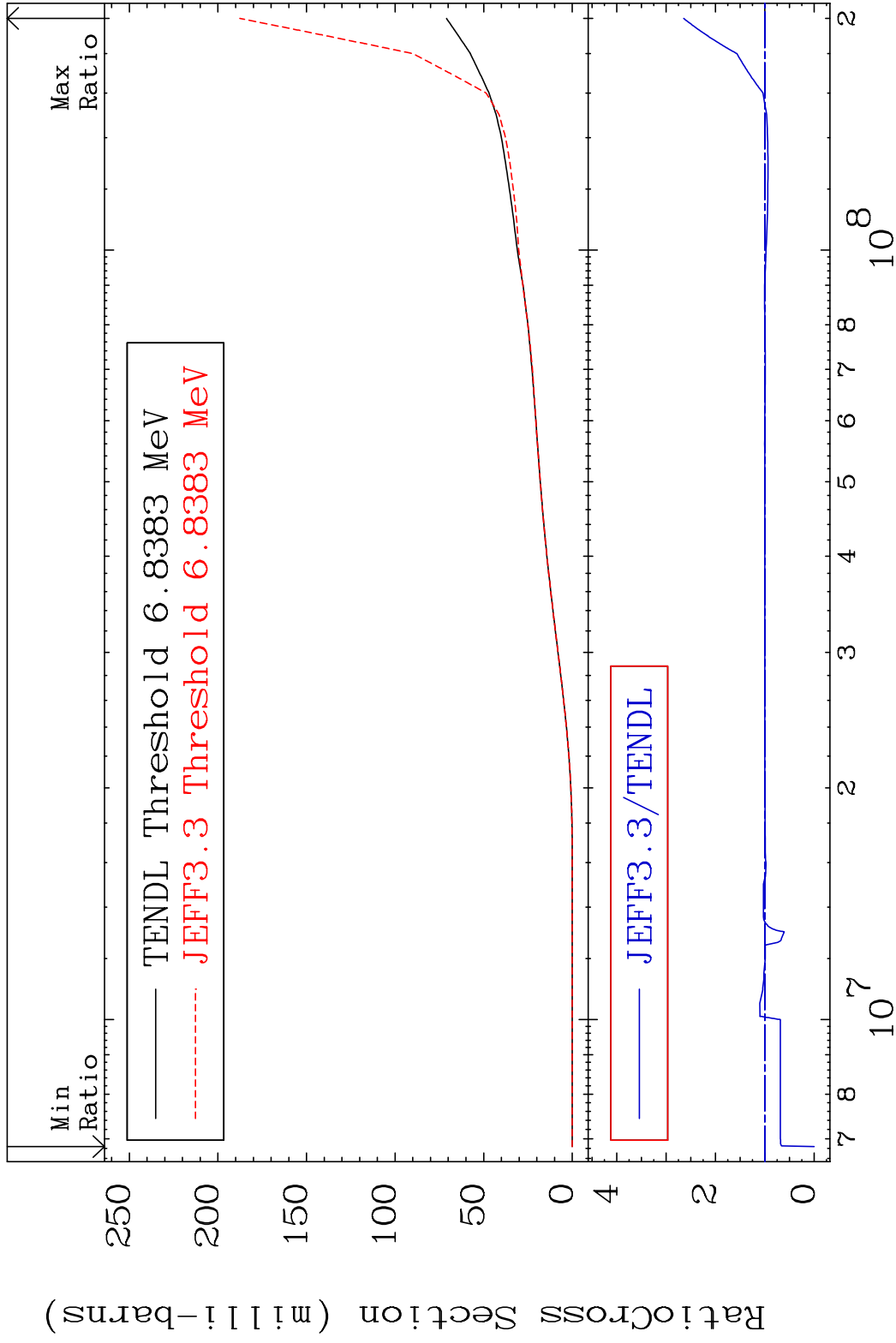
78-Pt-194

MAT 7837

Tritium Production

78-Pt-194

Cross Section -100.0 To 164.4 %



53

Incident Energy (eV)

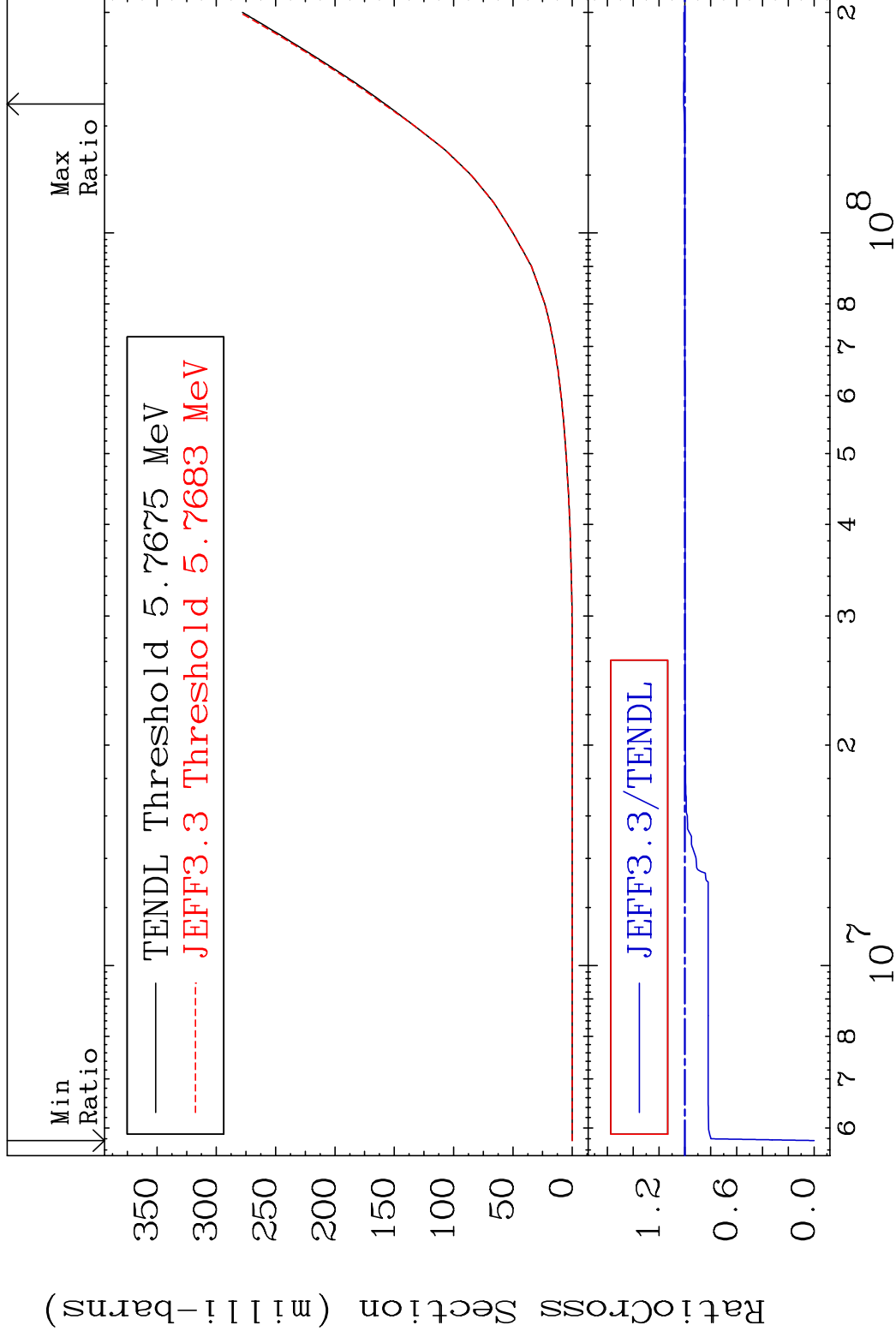
78-Pt-194

MAT 7837

He-3 Production

78-Pt-194

Cross Section -100.0 To 0.980 %



54

Incident Energy (eV)

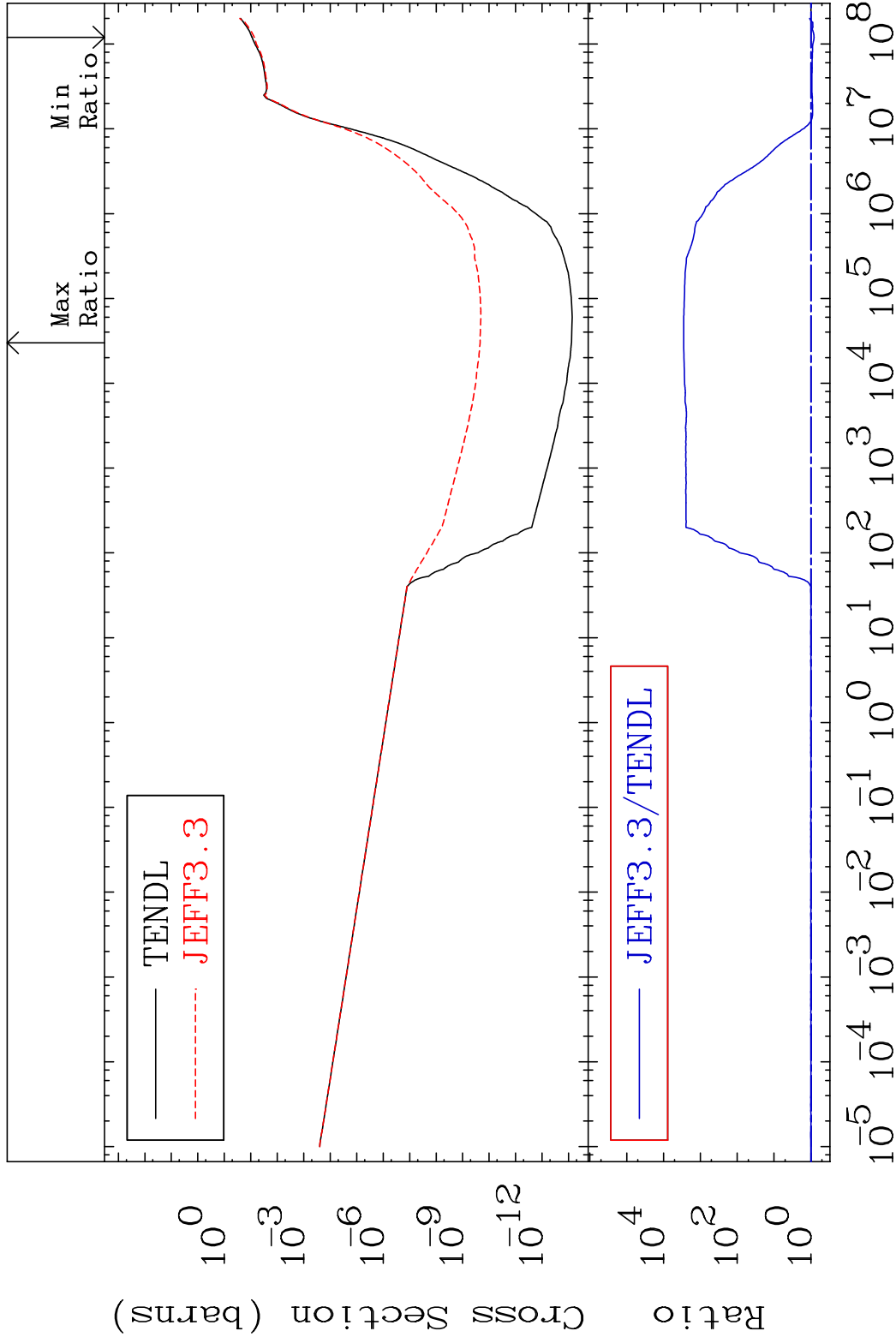
78-Pt-194

MAT 7837

He-4 Production

78-Pt-194

Cross Section -18.34 To 9999. %



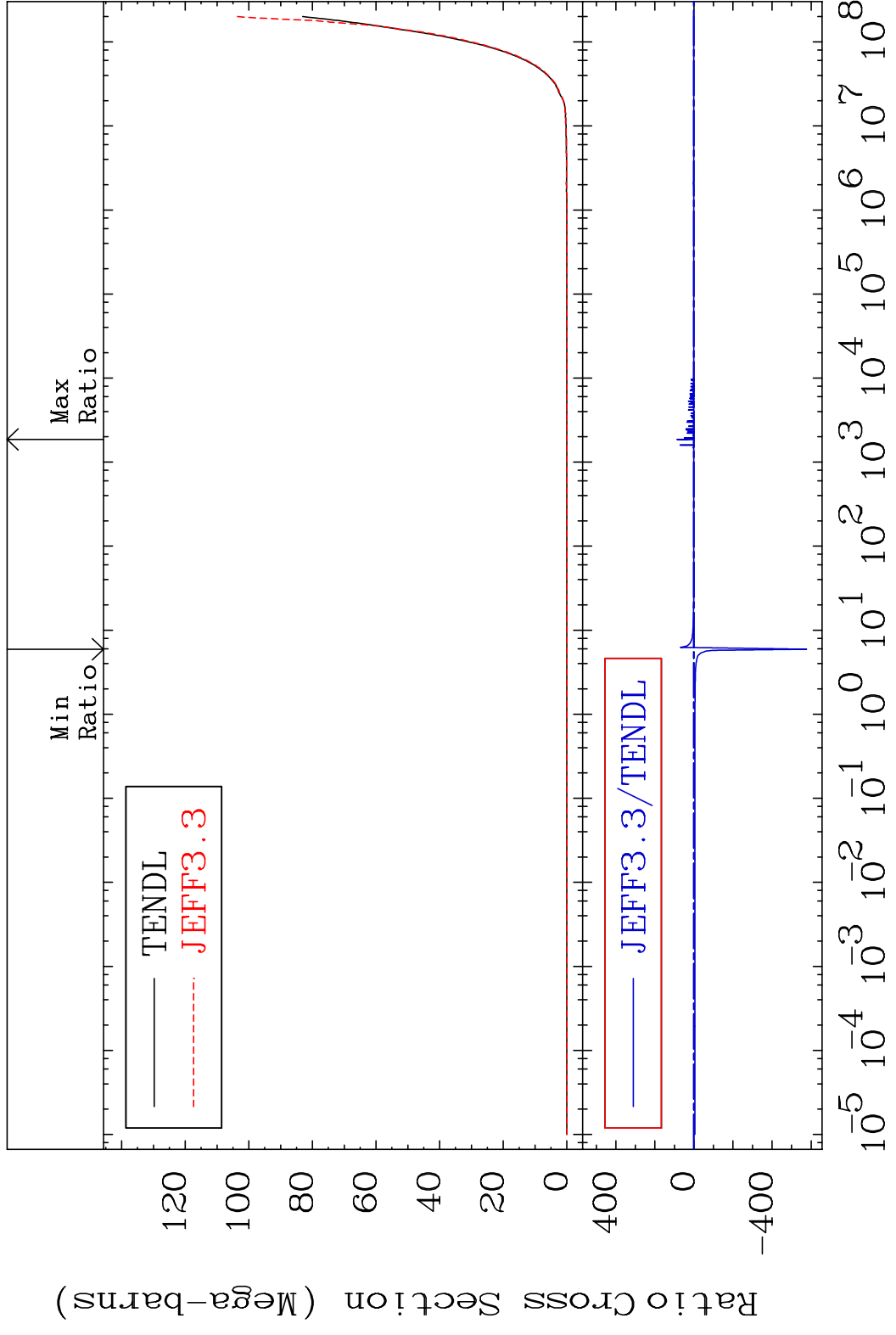
55

Incident Energy (eV)

78-Pt-194

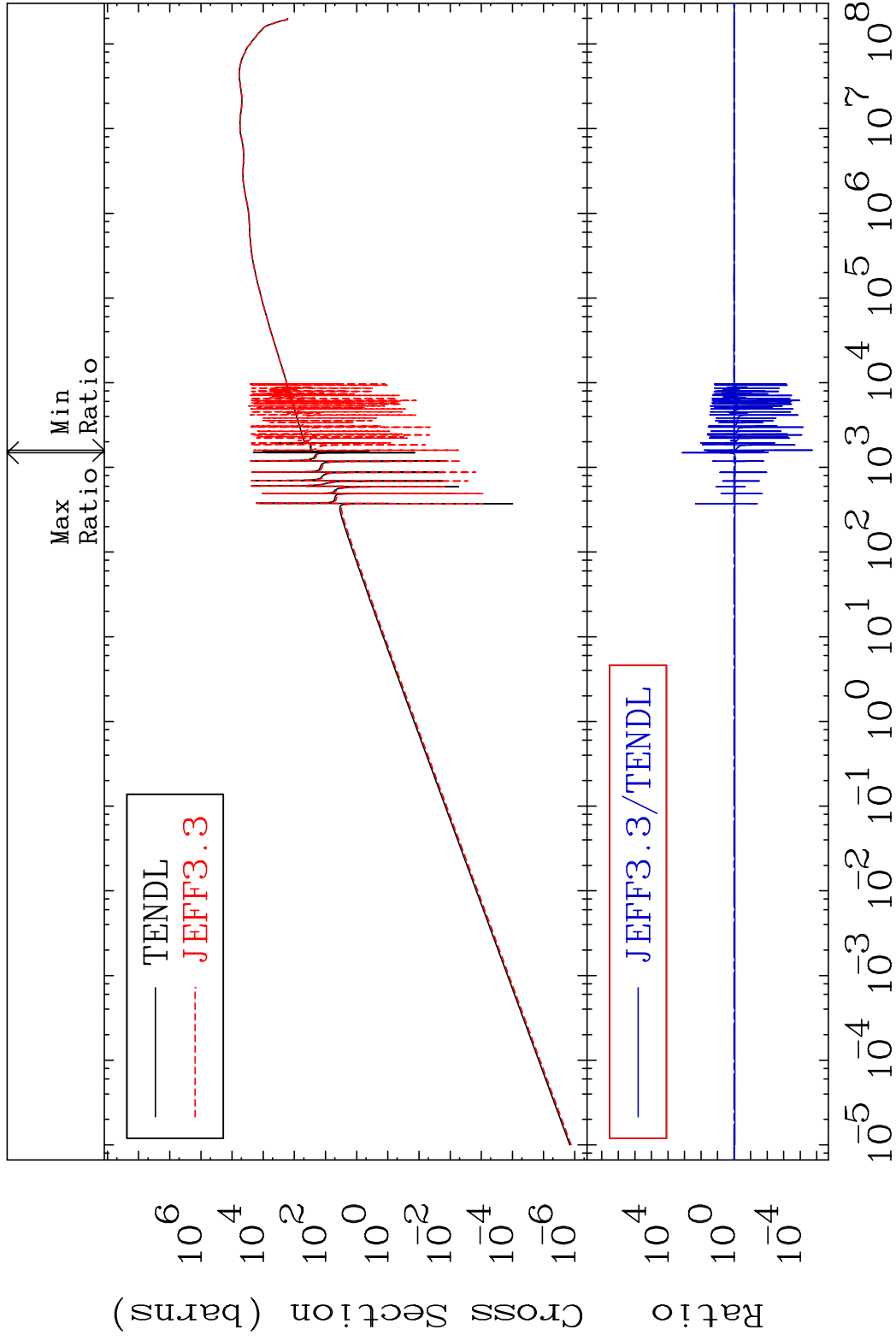


Cross Section -9999. To 8486. %



MAT 7837

Kerma elastic Cross Section -100.0 To 9999. %  
78-Pt-194

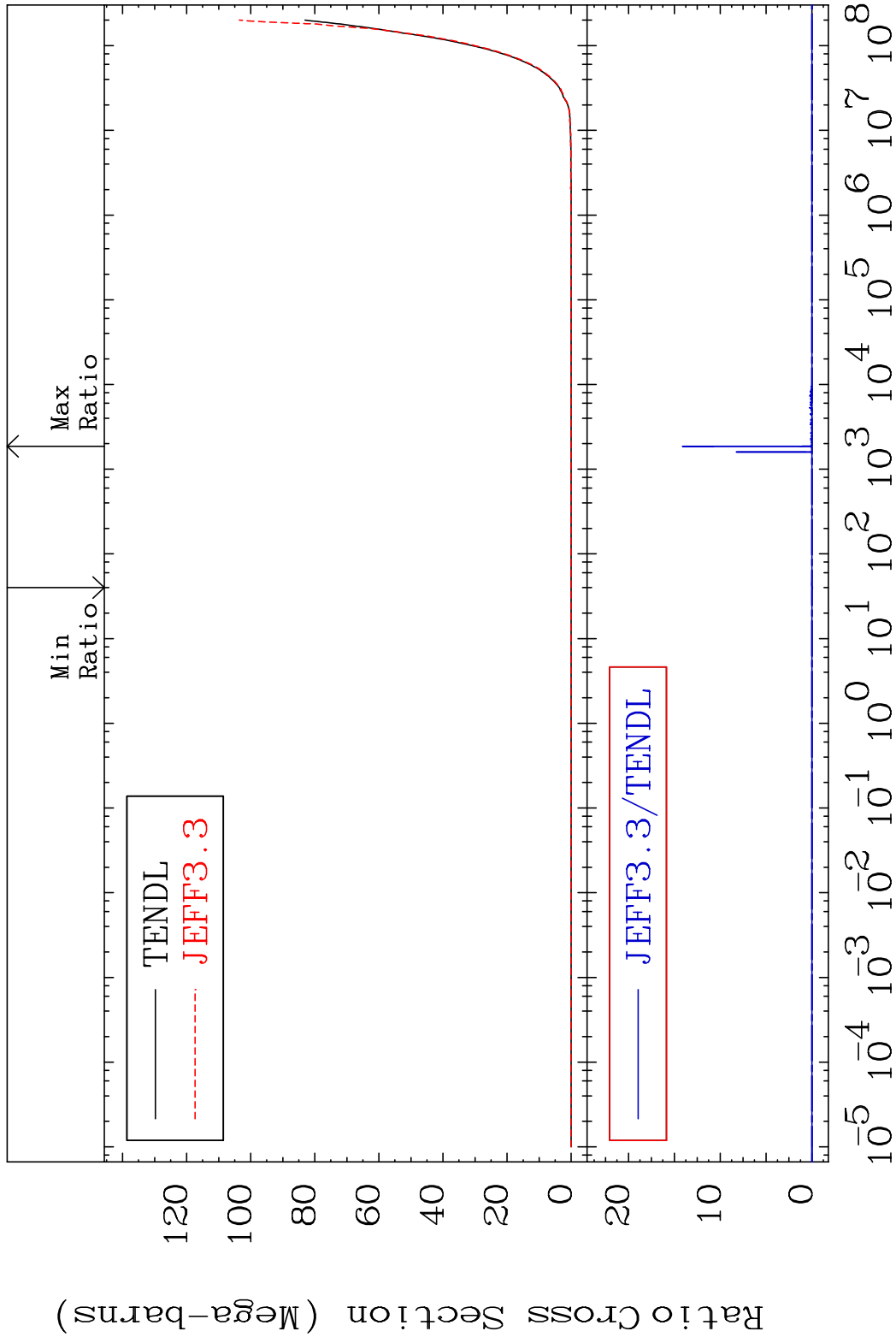


57

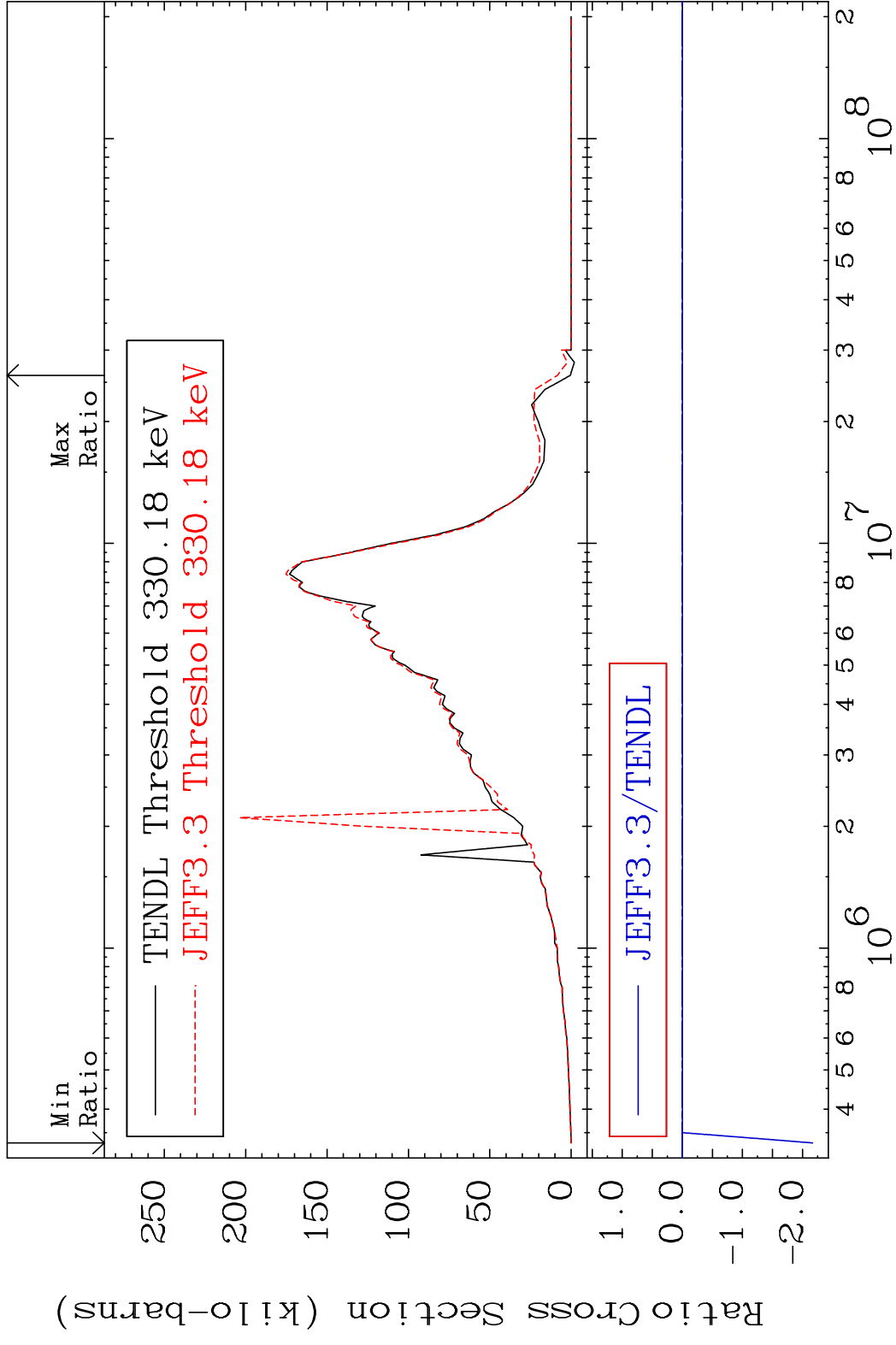
Incident Energy (eV)

78-Pt-194

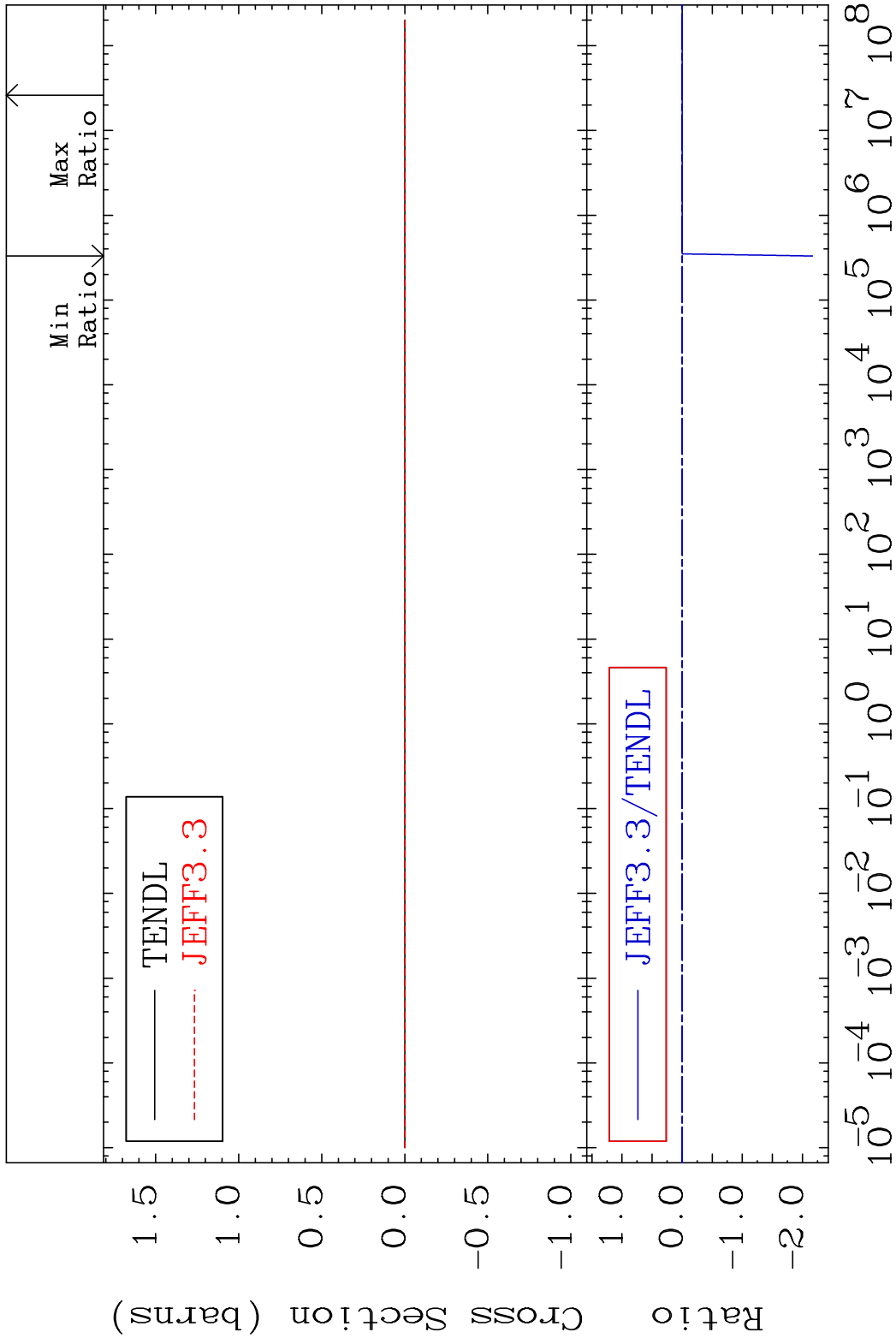
MAT 7837 Kerma non-elastic (all but mt2) 78-Pt-194  
 Cross Section -7571. To 9999. %

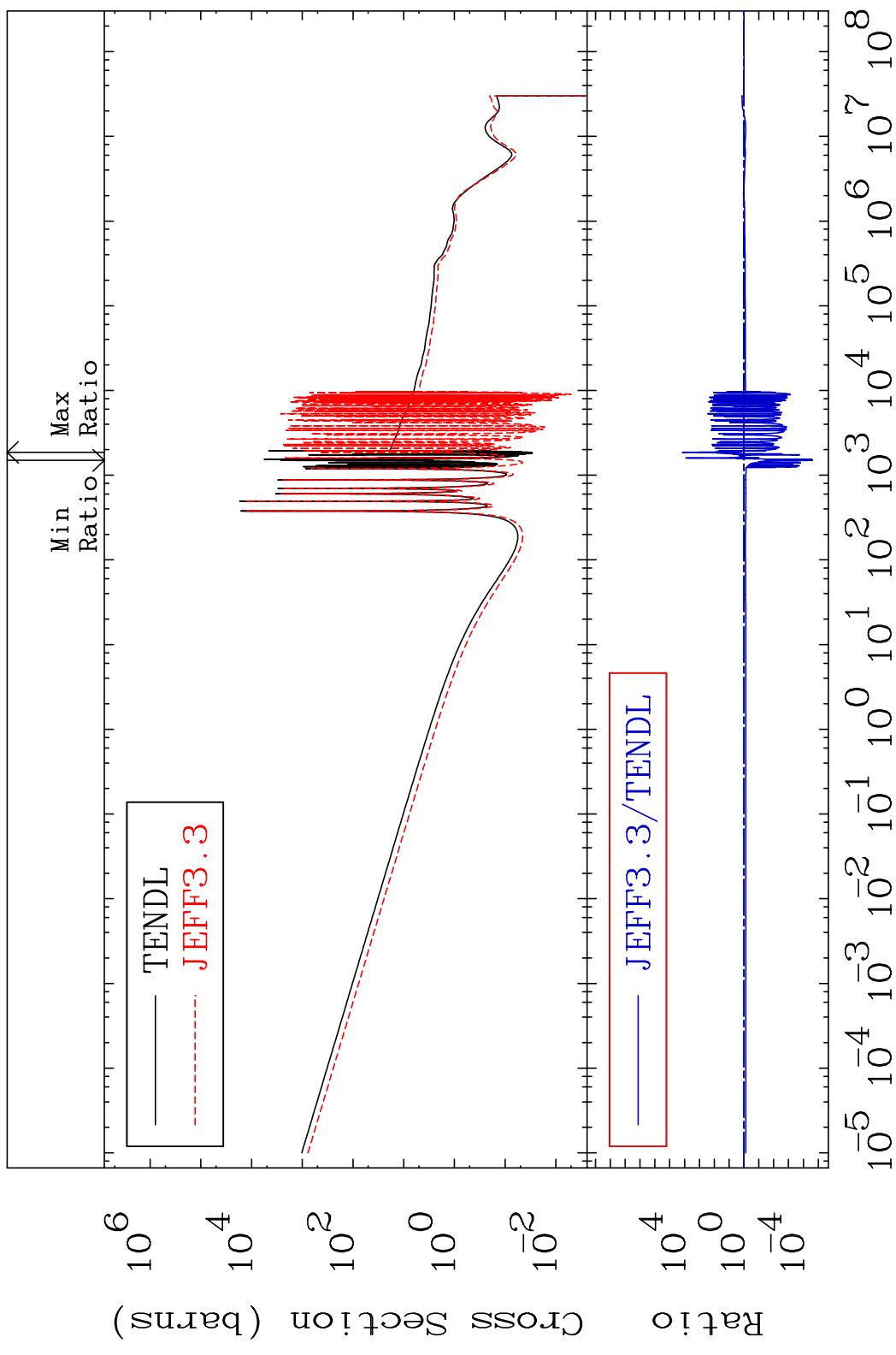


MAT 7837 Kerma inelastic (mt51-91) 78-Pt-194  
 Cross Section -9999. To 1403. %



MAT 7837 Kerma fission (mt18 or mt19-20-21-38)78-Pt-194  
 Cross Section -9999. To 1403. %



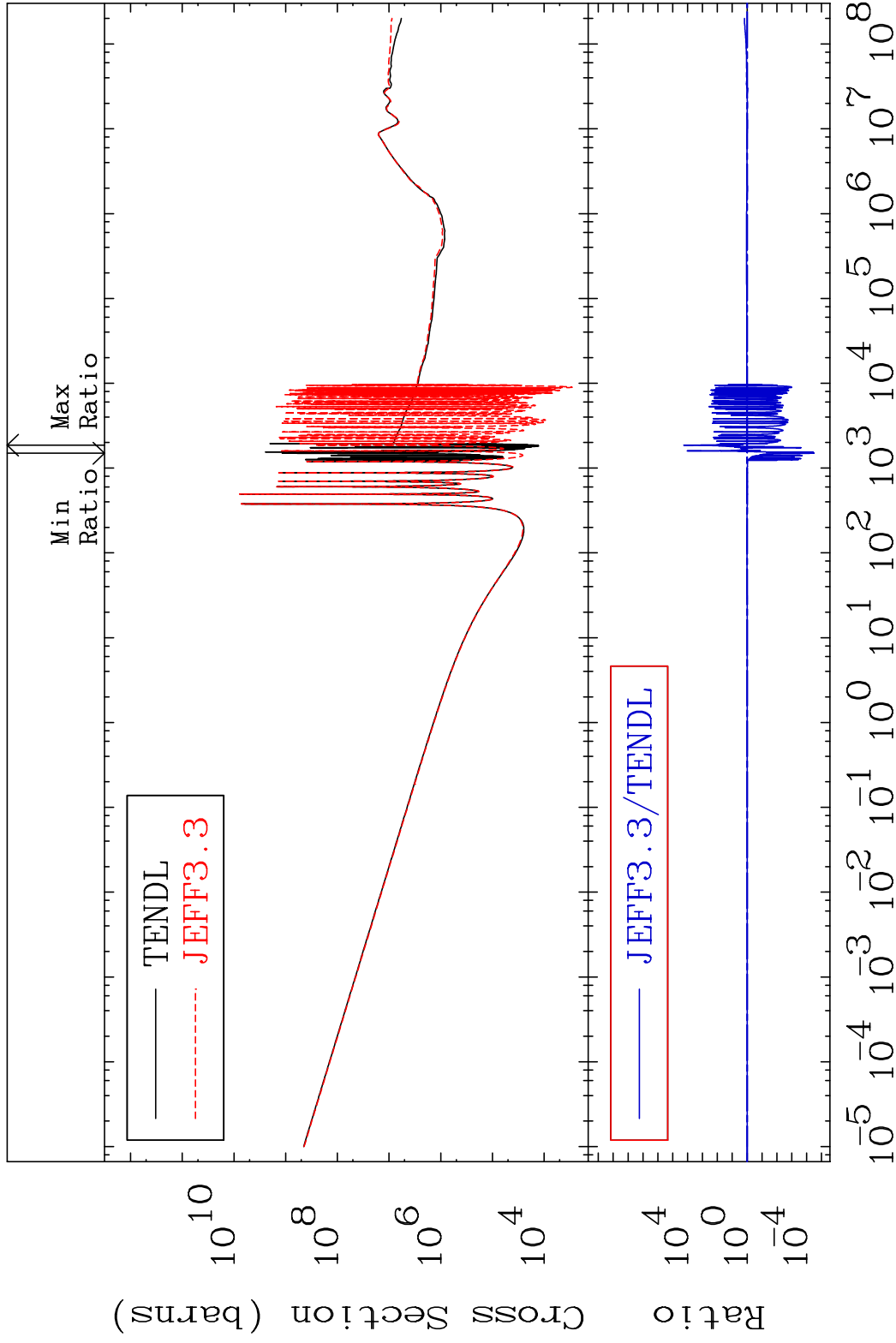


MAT 7837

Total photon (eV-barns)

78-Pt-194

Cross Section -100.0 To 9999. %

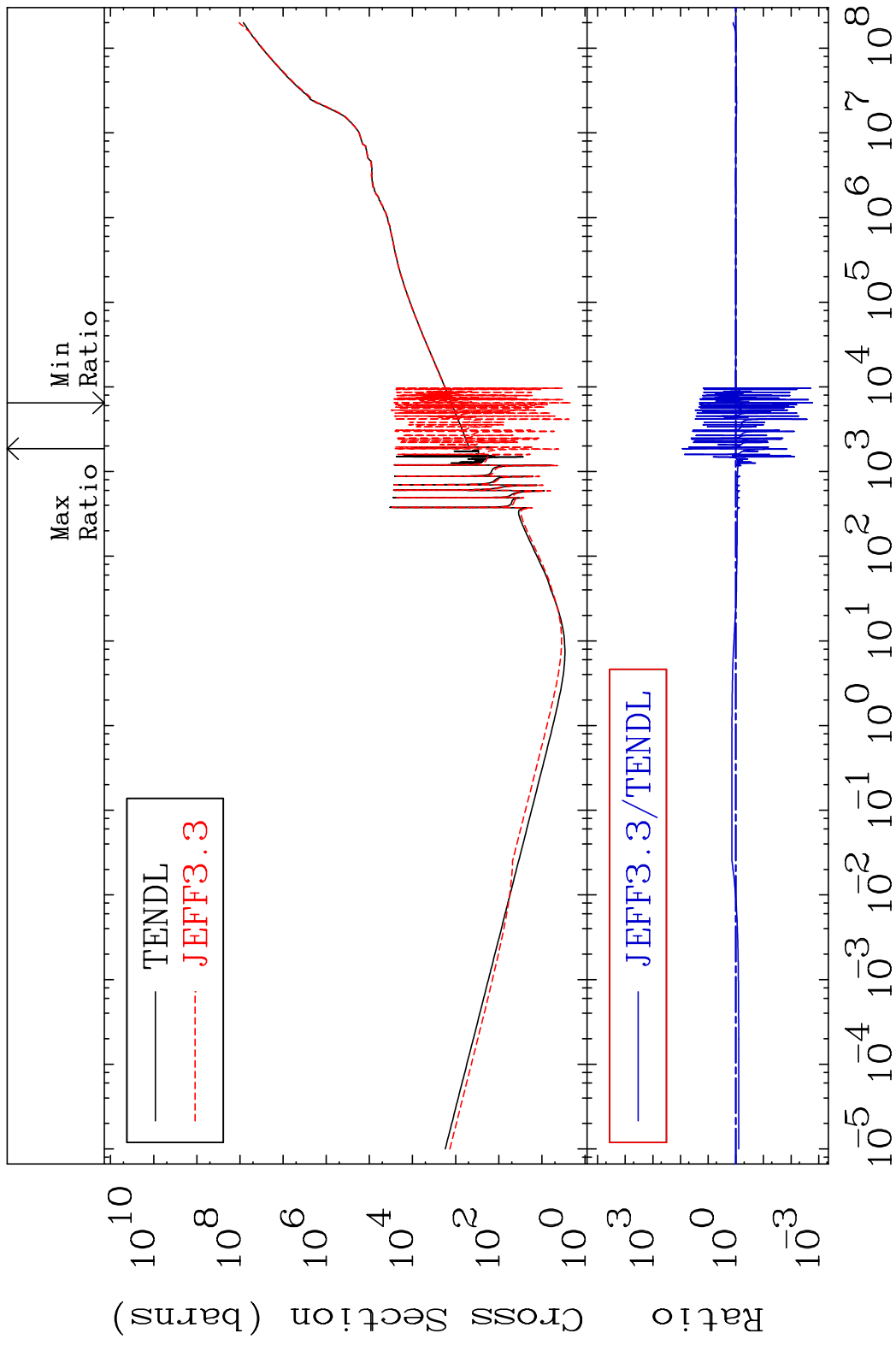


62

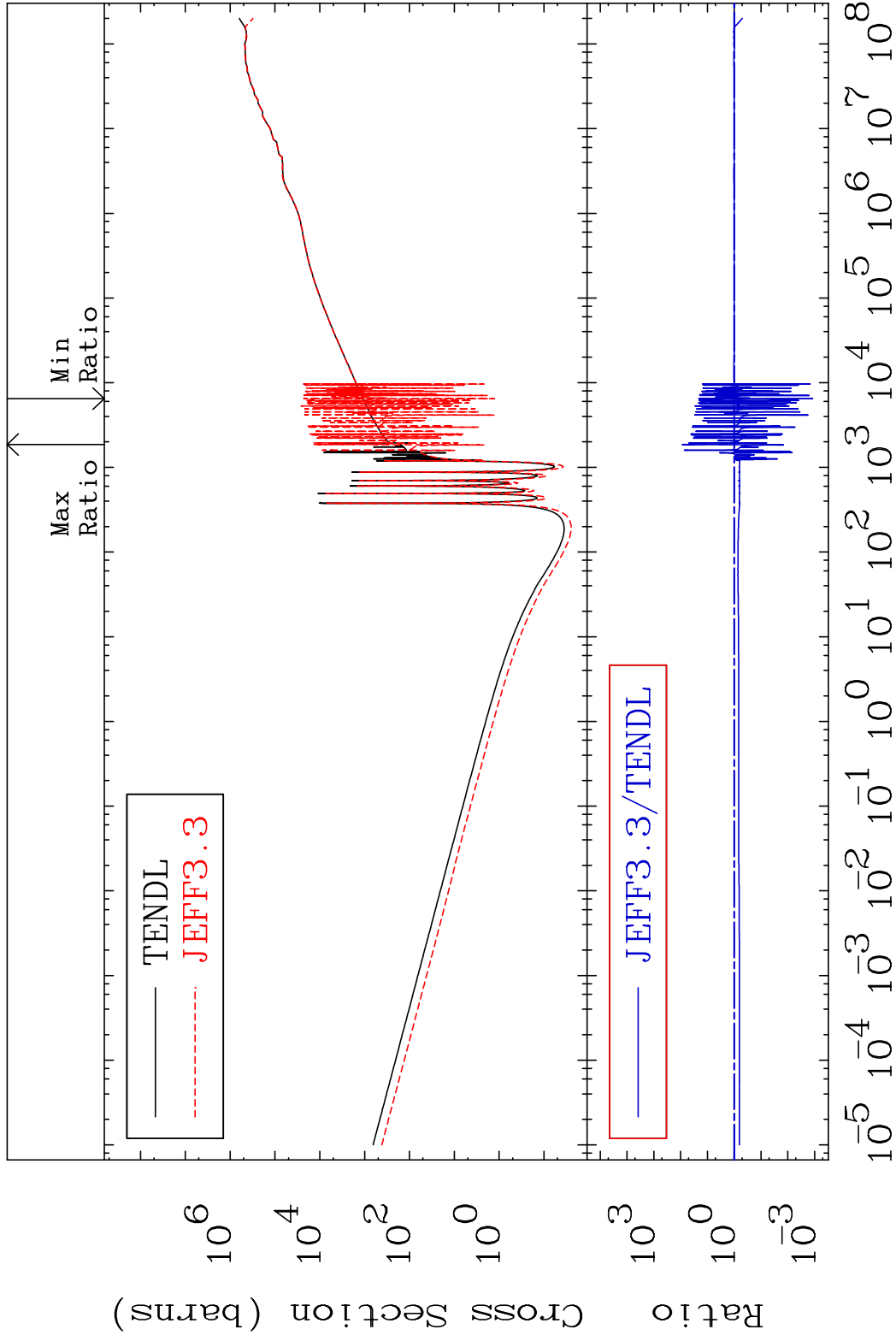
Incident Energy (eV)

78-Pt-194

MAT 7837 Total kinematic kerma (high limit) 78-Pt-194  
 Cross Section -99.83 To 8486. %





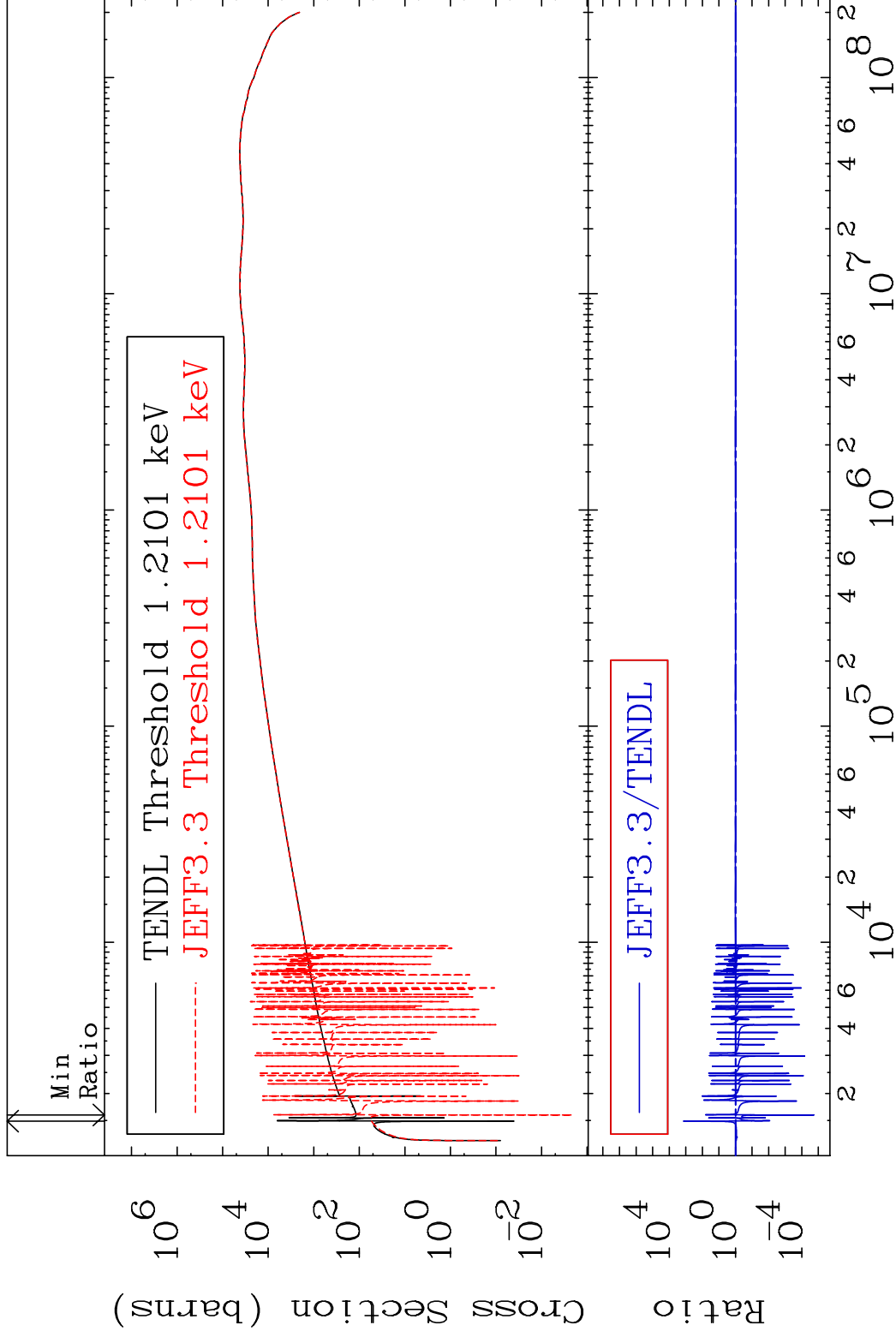


MAT 7837

Dpa elastic (mt2)

78-Pt-194

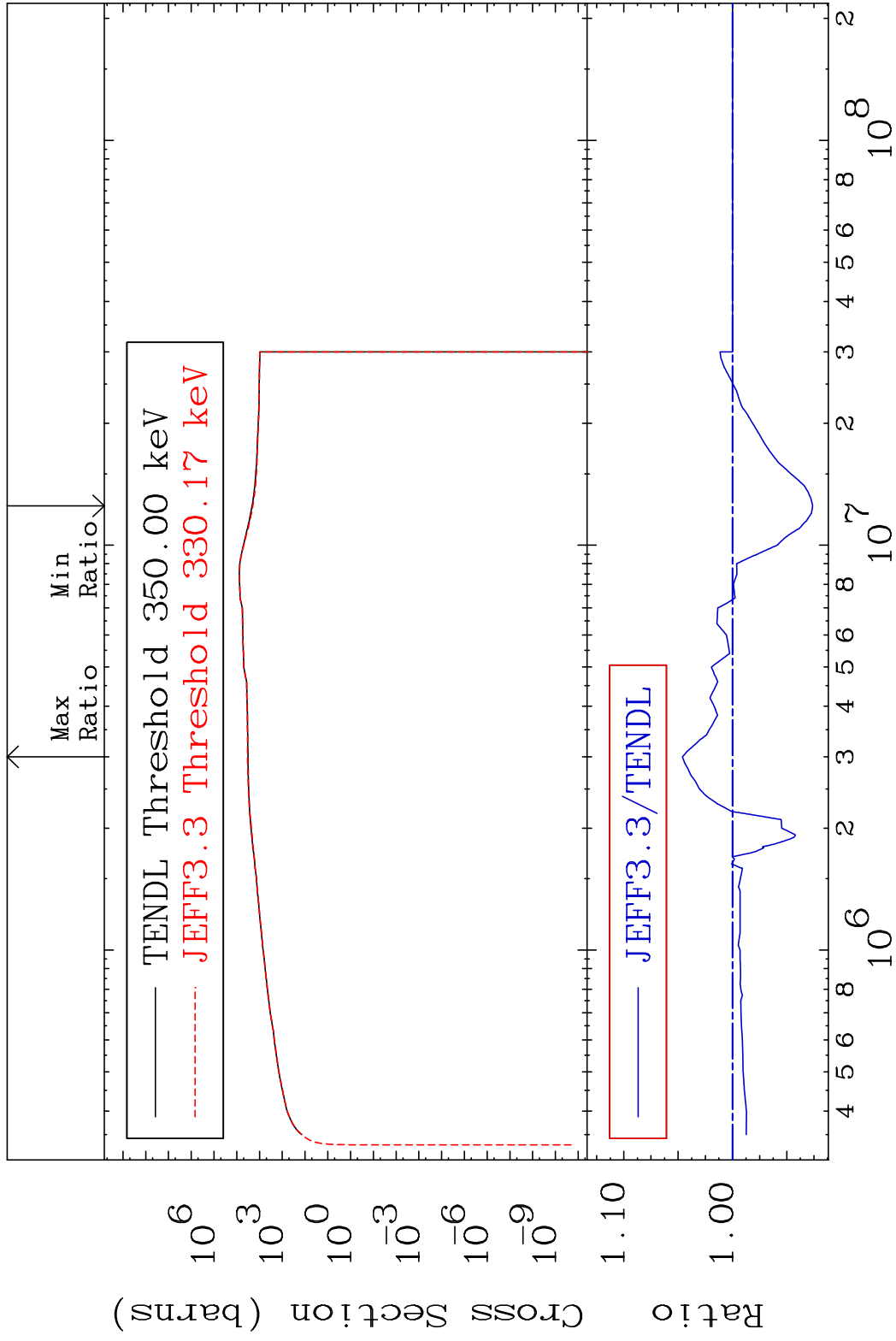
Cross Section -100.0 To 9999. %



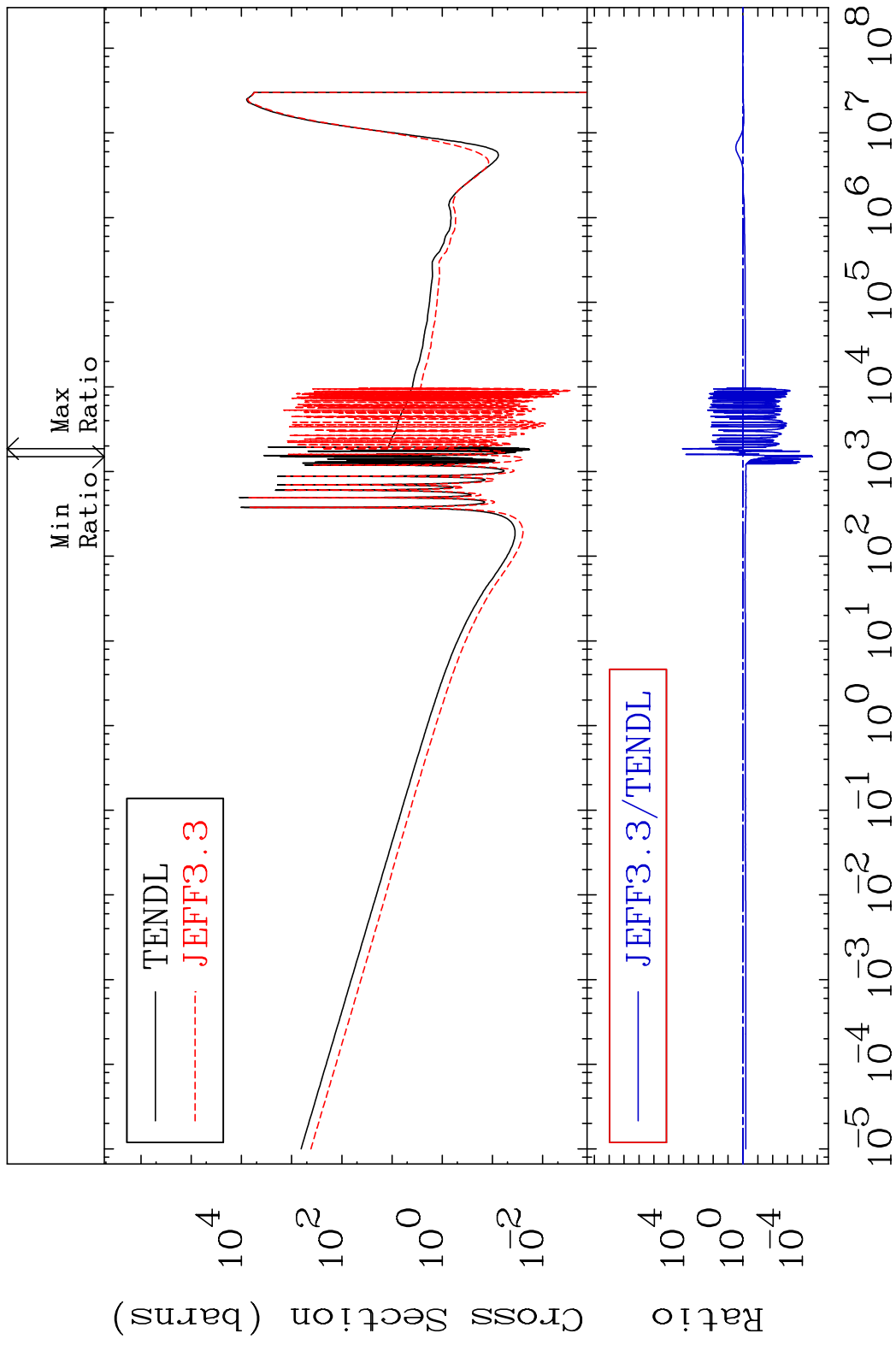
65

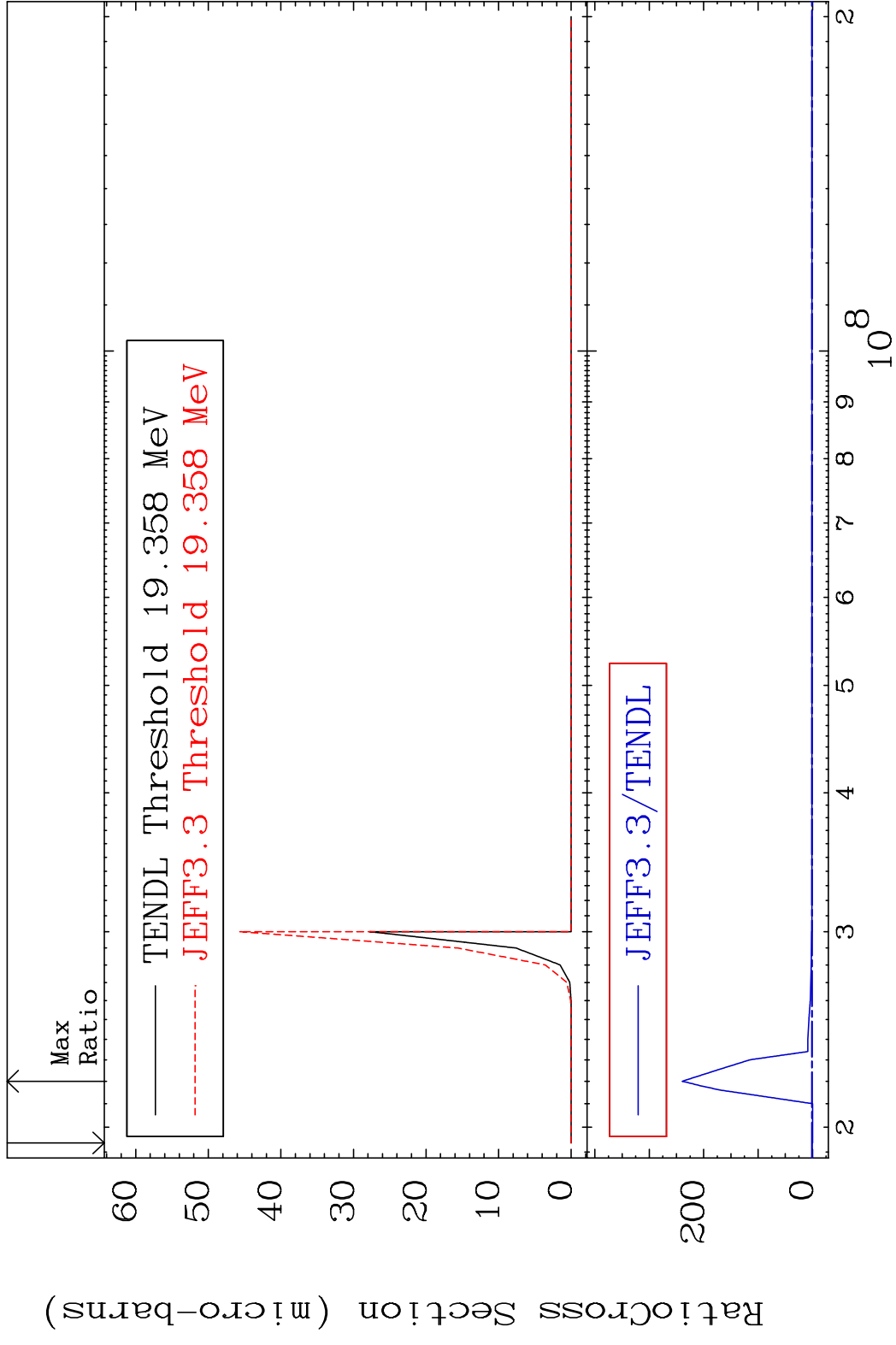
Incident Energy (eV)

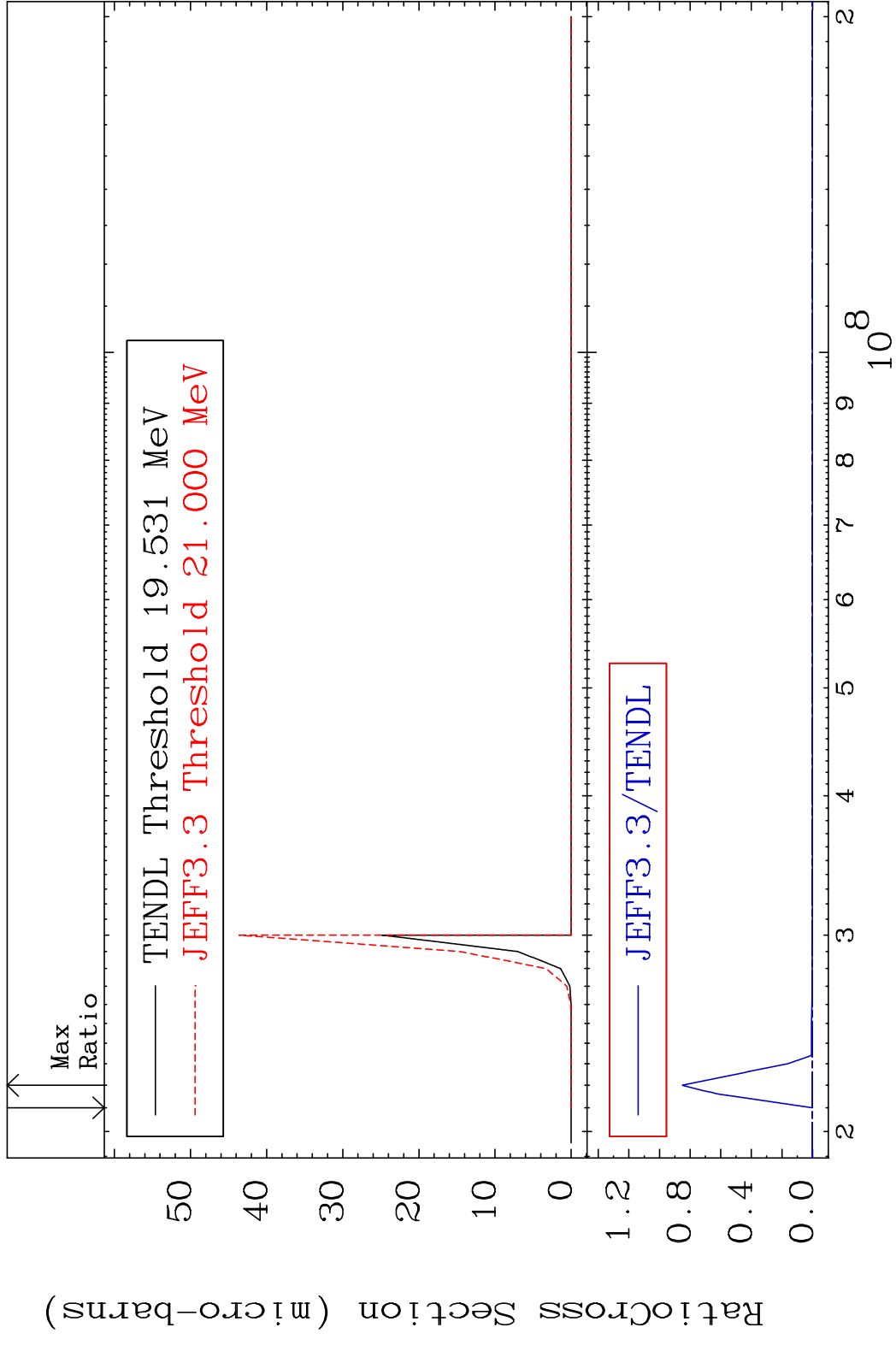
78-Pt-194



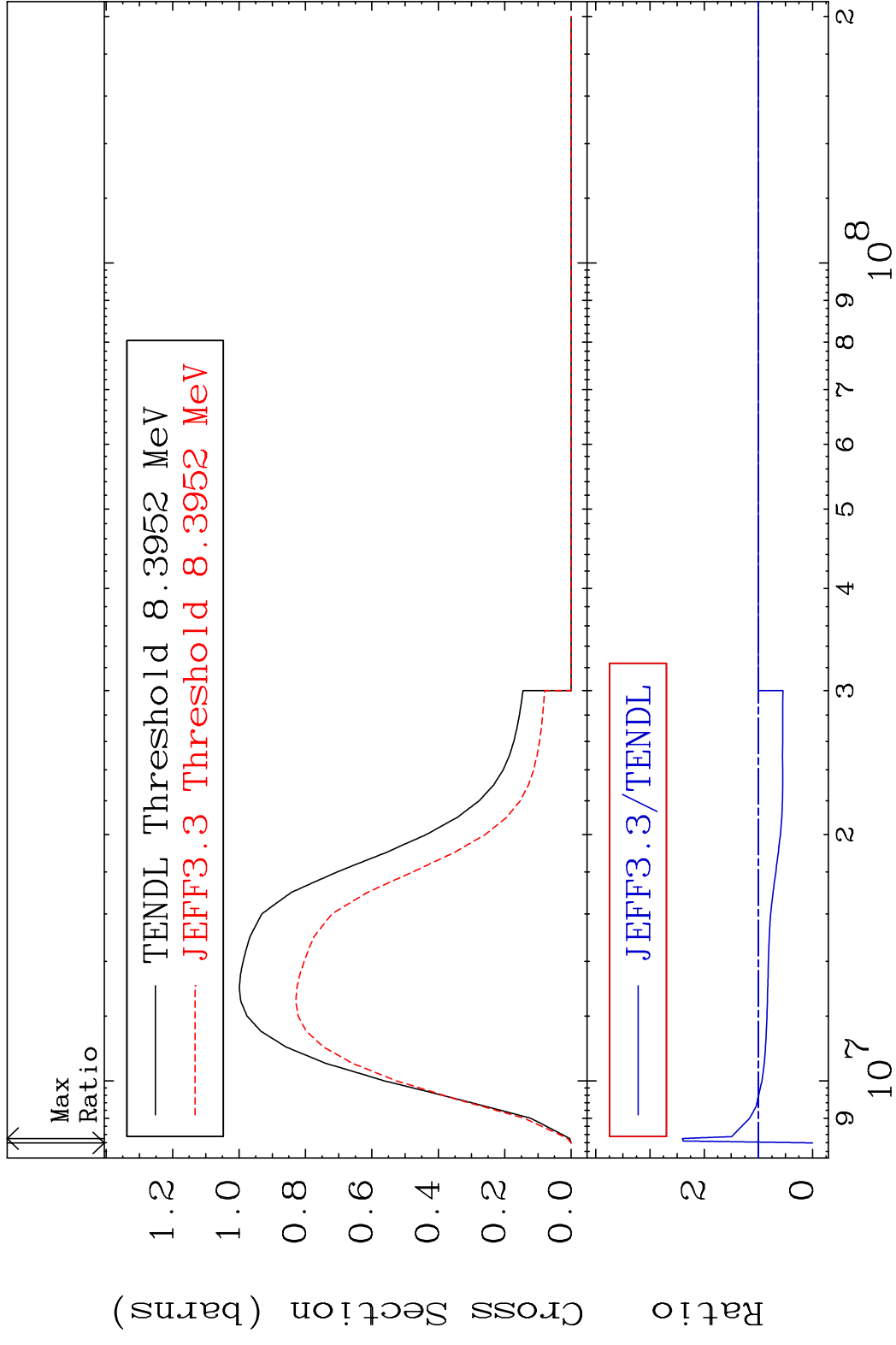
MAT 7837 Dpa disappearance (mt102 -120) 78-Pt-194  
 Cross Section -100.0 To 9999. %





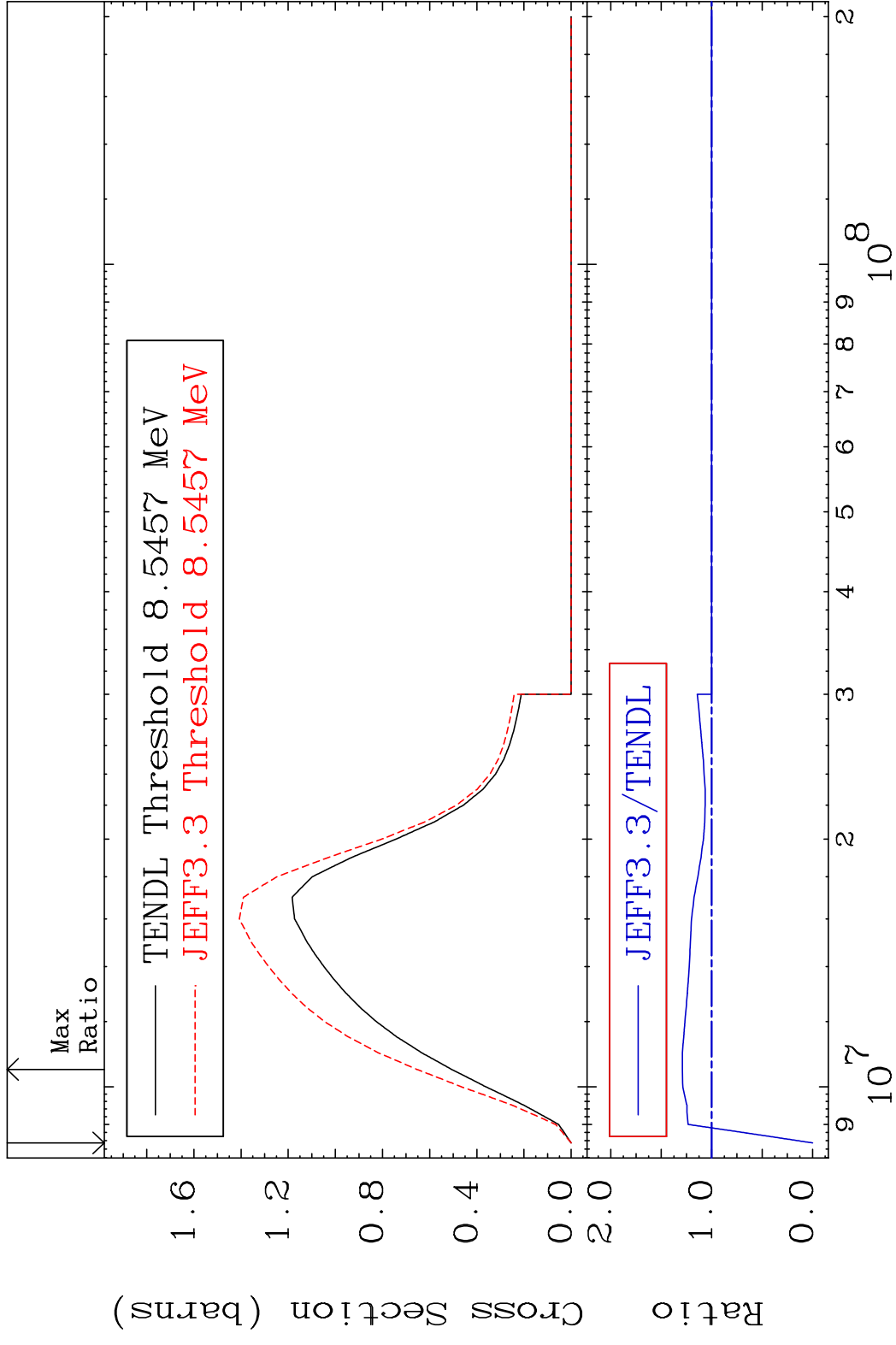


MAT 7837 (n,2n):78-Pt-193g 78-Pt-194  
 Radionuclide Production Cross Section 140.3 %



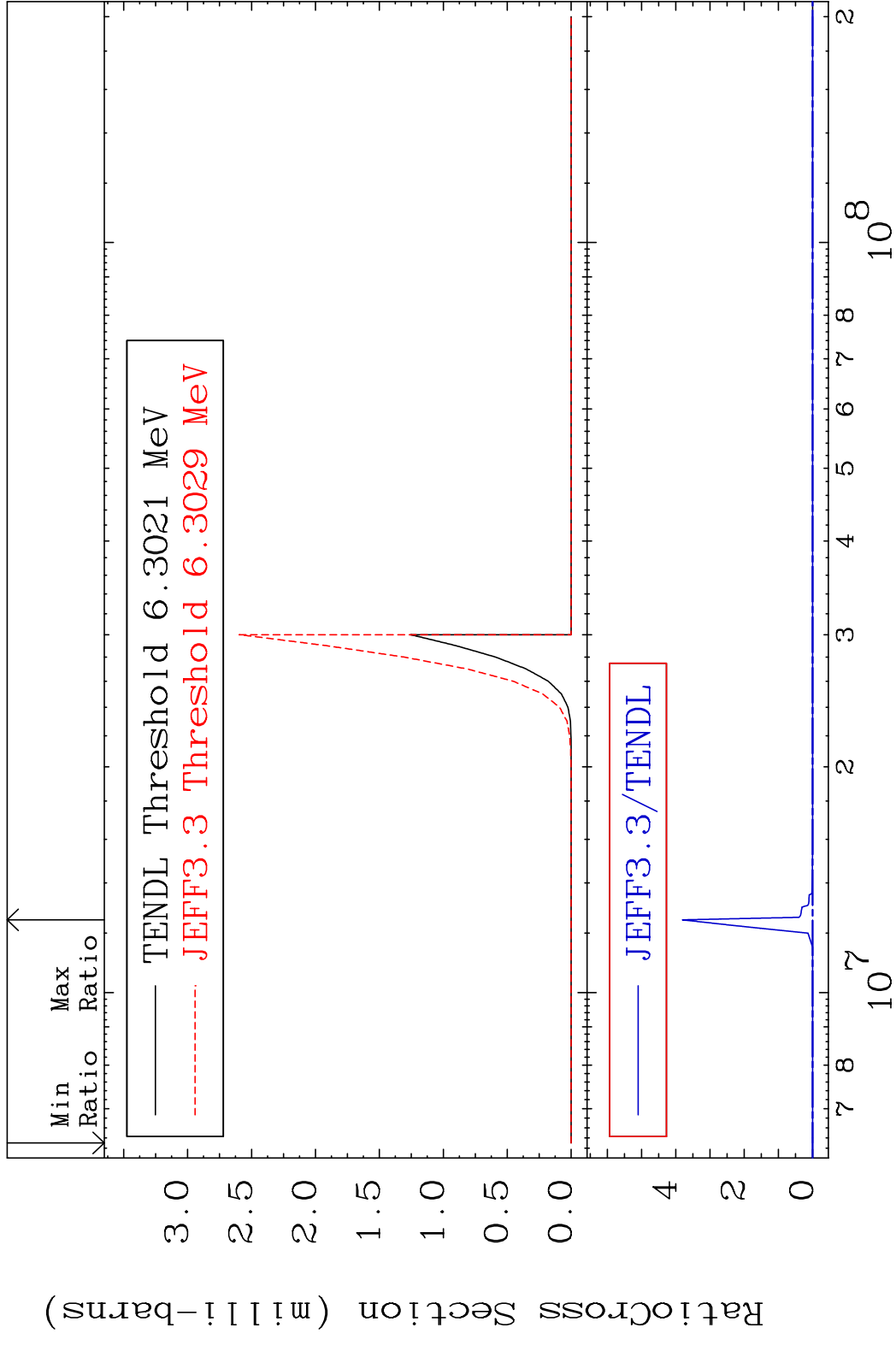
70 Incident Energy (eV) 78-Pt-194

MAT 7837 (n,2n):78-Pt-193m5 78-Pt-194  
 Radionuclide Production Cross Section 180.01 dth 29.09 %

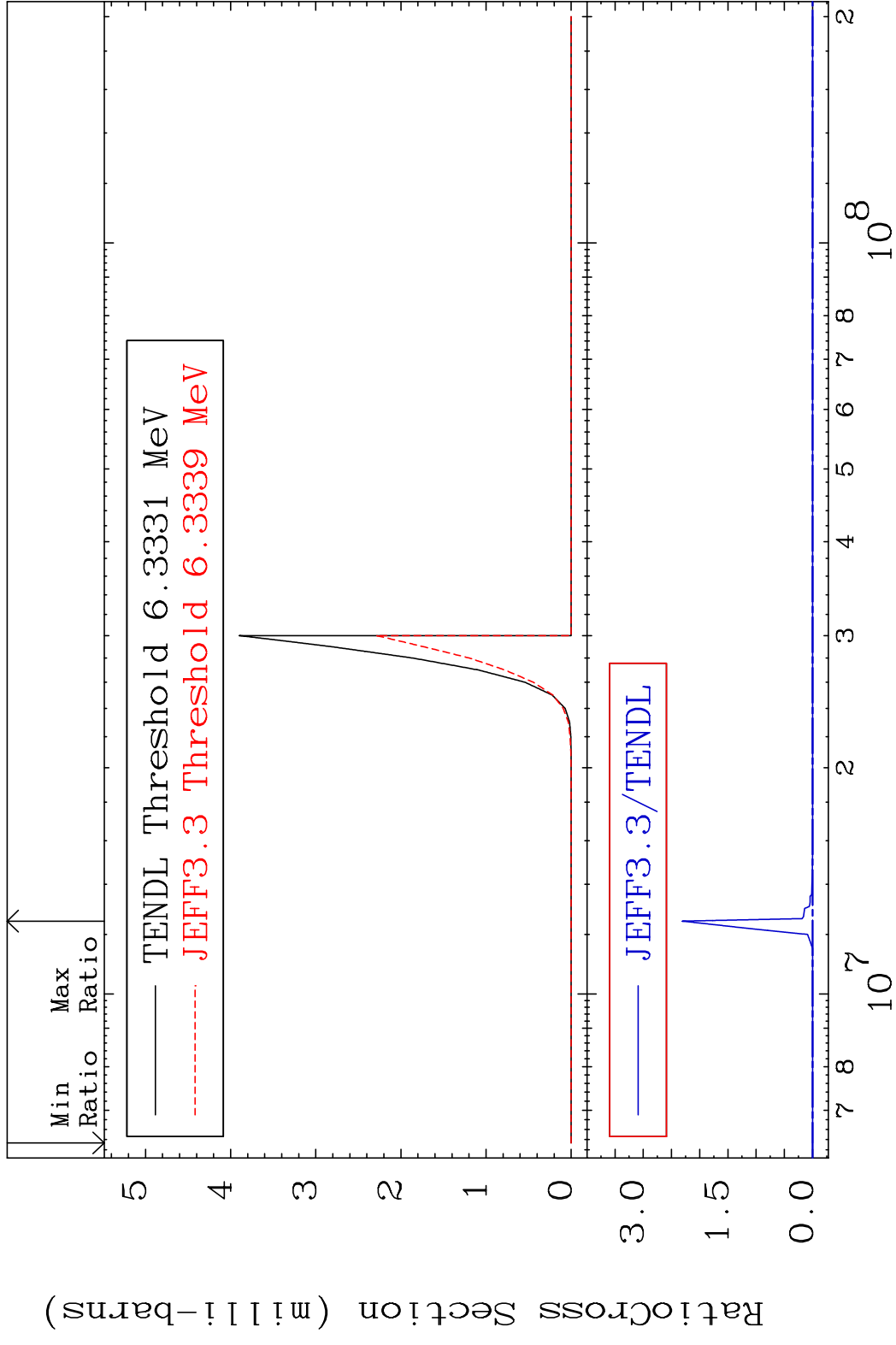


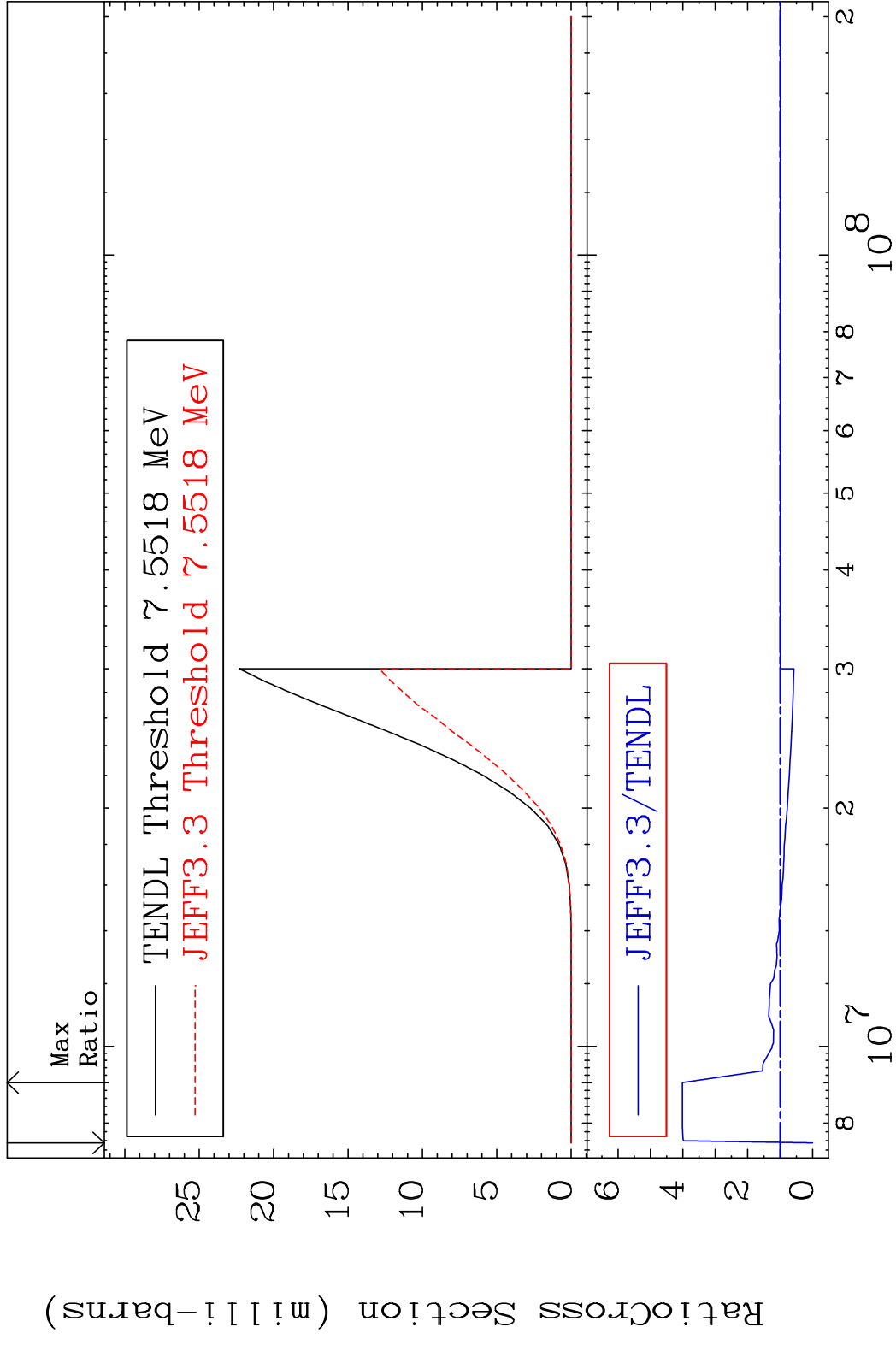


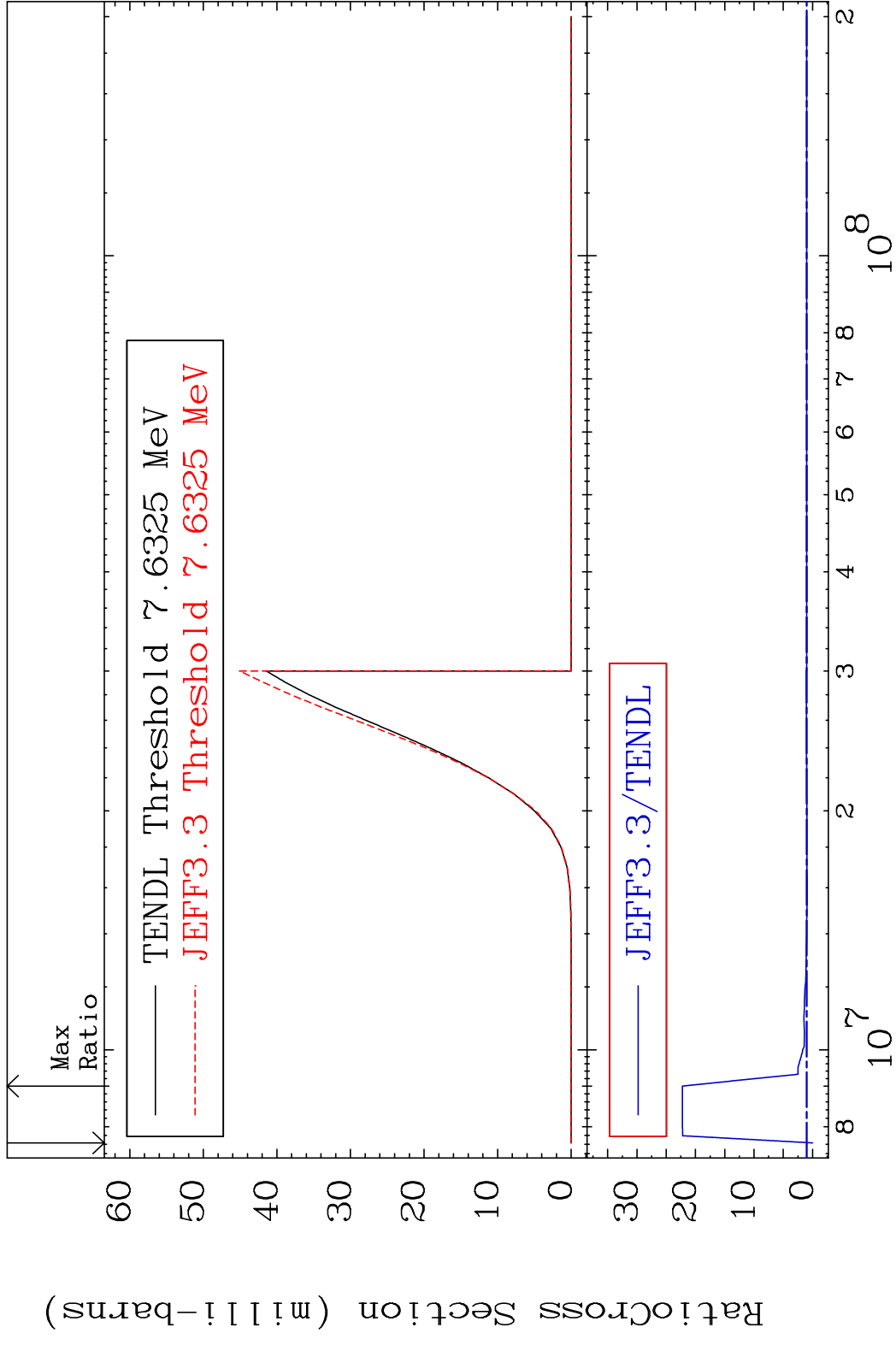
MAT 7837 (n,2n)  $\alpha$ :76-0s-189g 78-Pt-194  
 Radionuclide Production Cross Section 189g to 9999. %



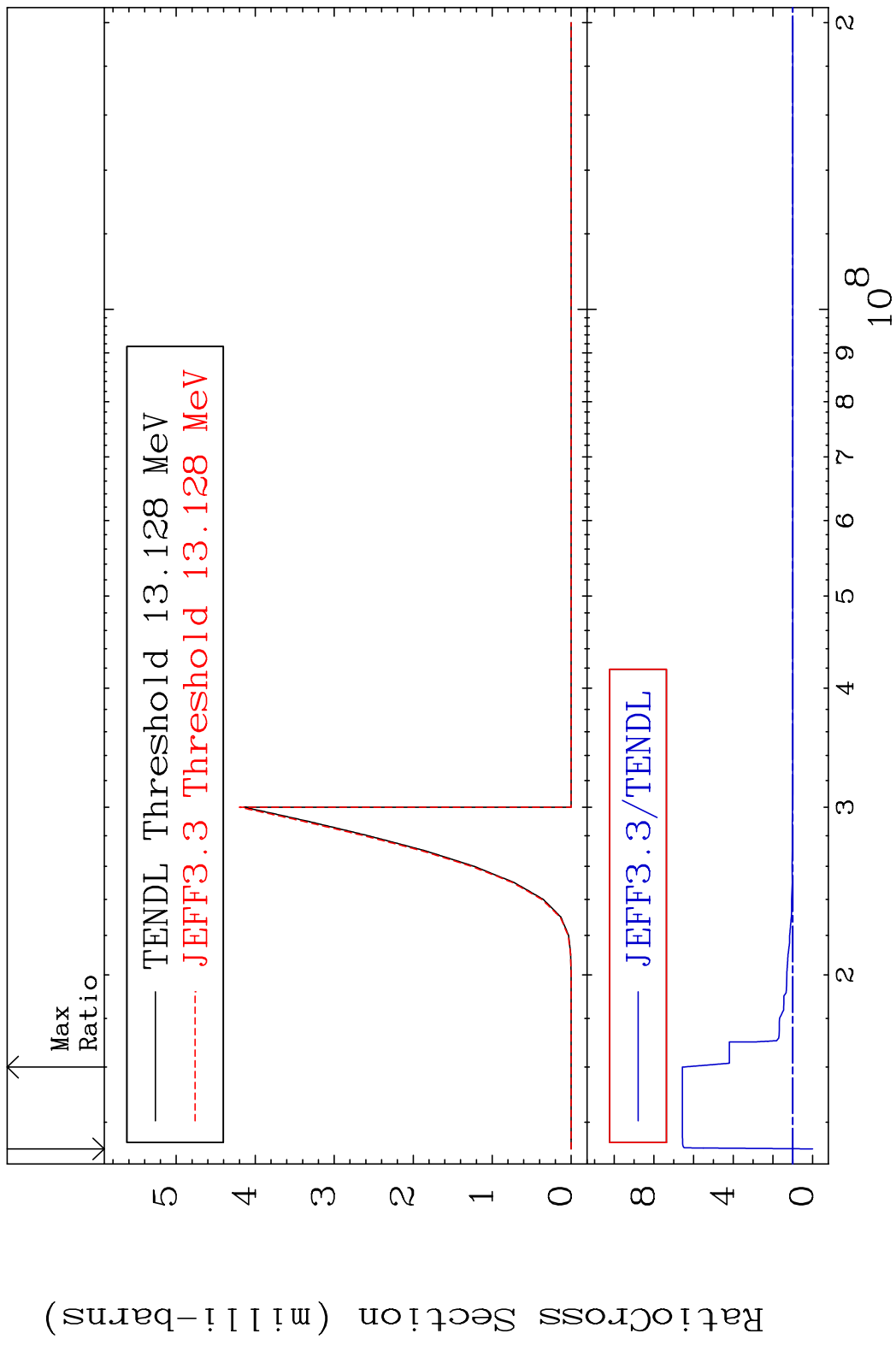
MAT 7837 (n,2n)  $\alpha$ :76-0s-189m1 78-Pt-194  
 Radionuclide Production Cross Section to 9999. %



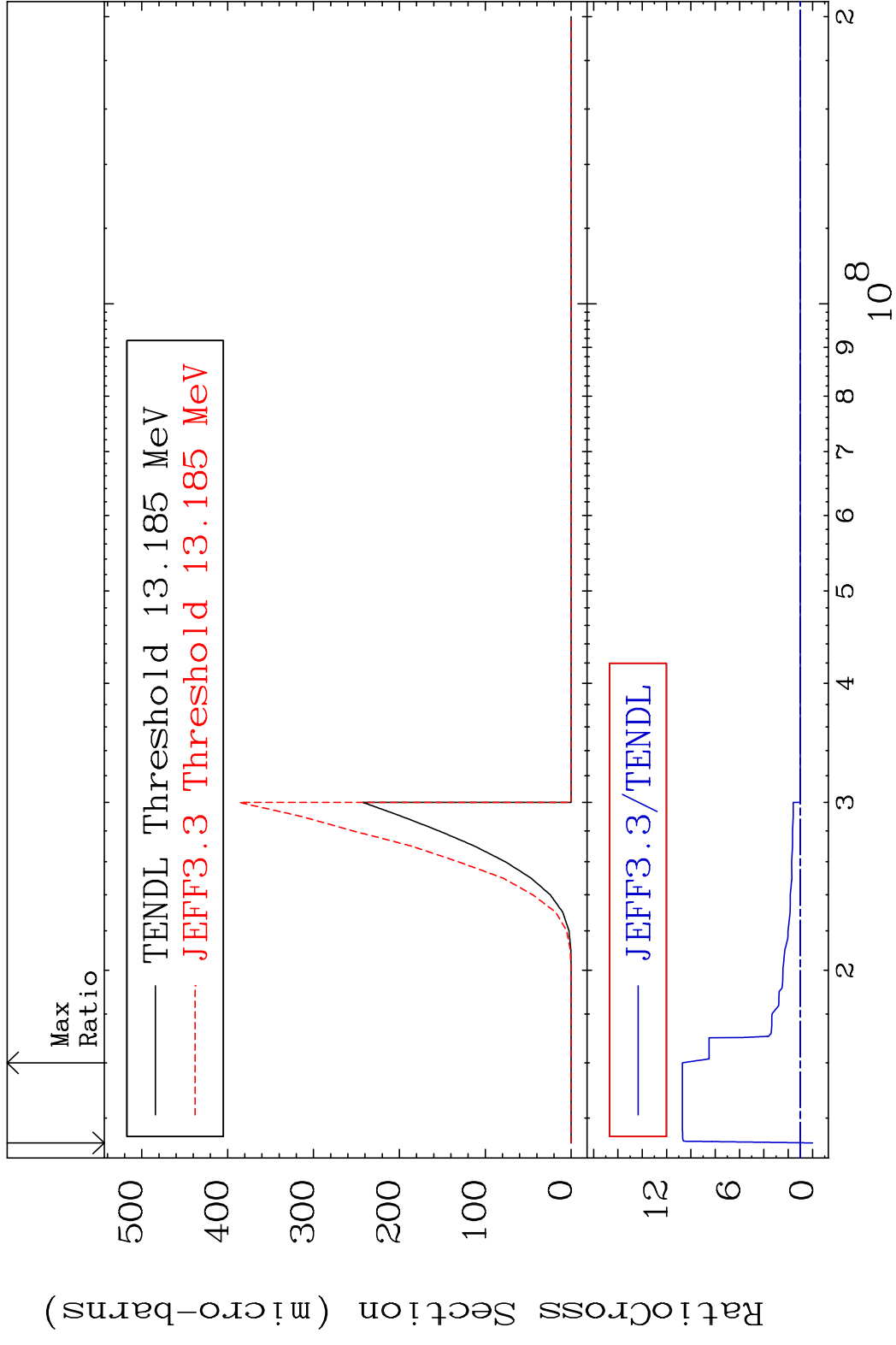




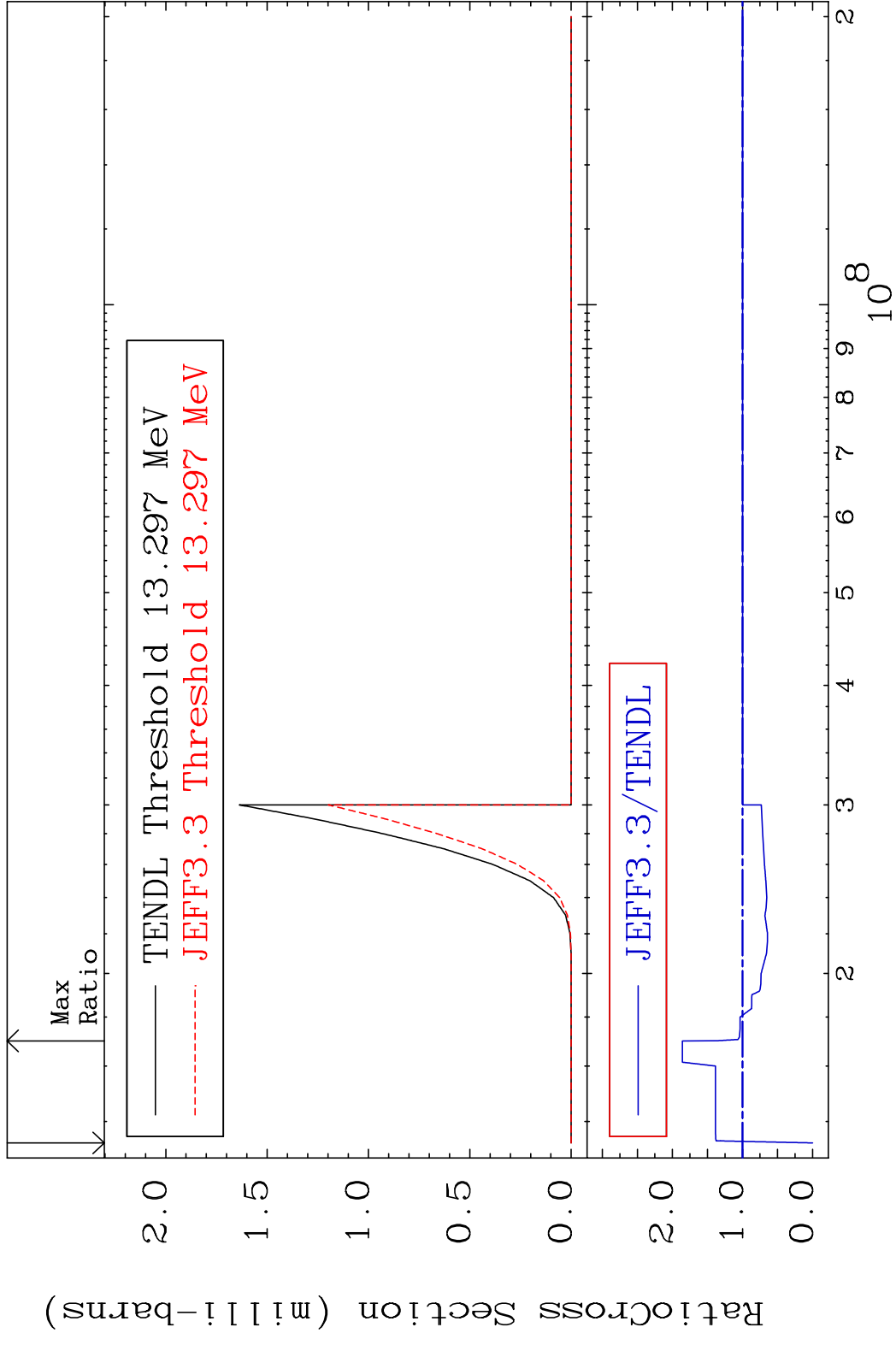
MAT 7837 (n, n') d:77-Ir-192g 78-Pt-194  
 Radionuclide Production Cross Section 180.01 dtd 556.8 %



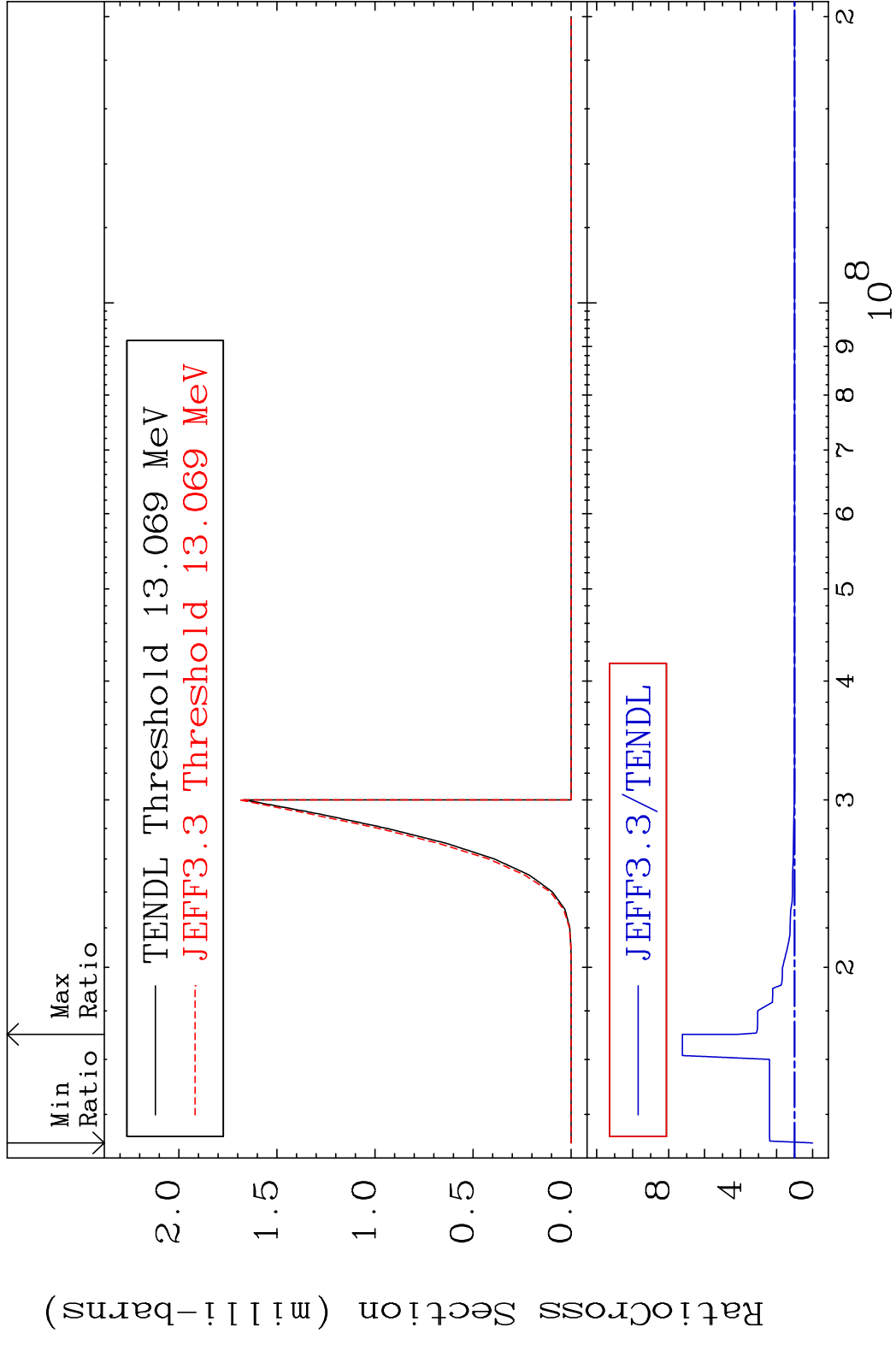
MAT 7837 (n, n') d:77-Ir-192m3 78-Pt-194  
 Radionuclide Production Cross Section 180.01 dtd 970.5 %



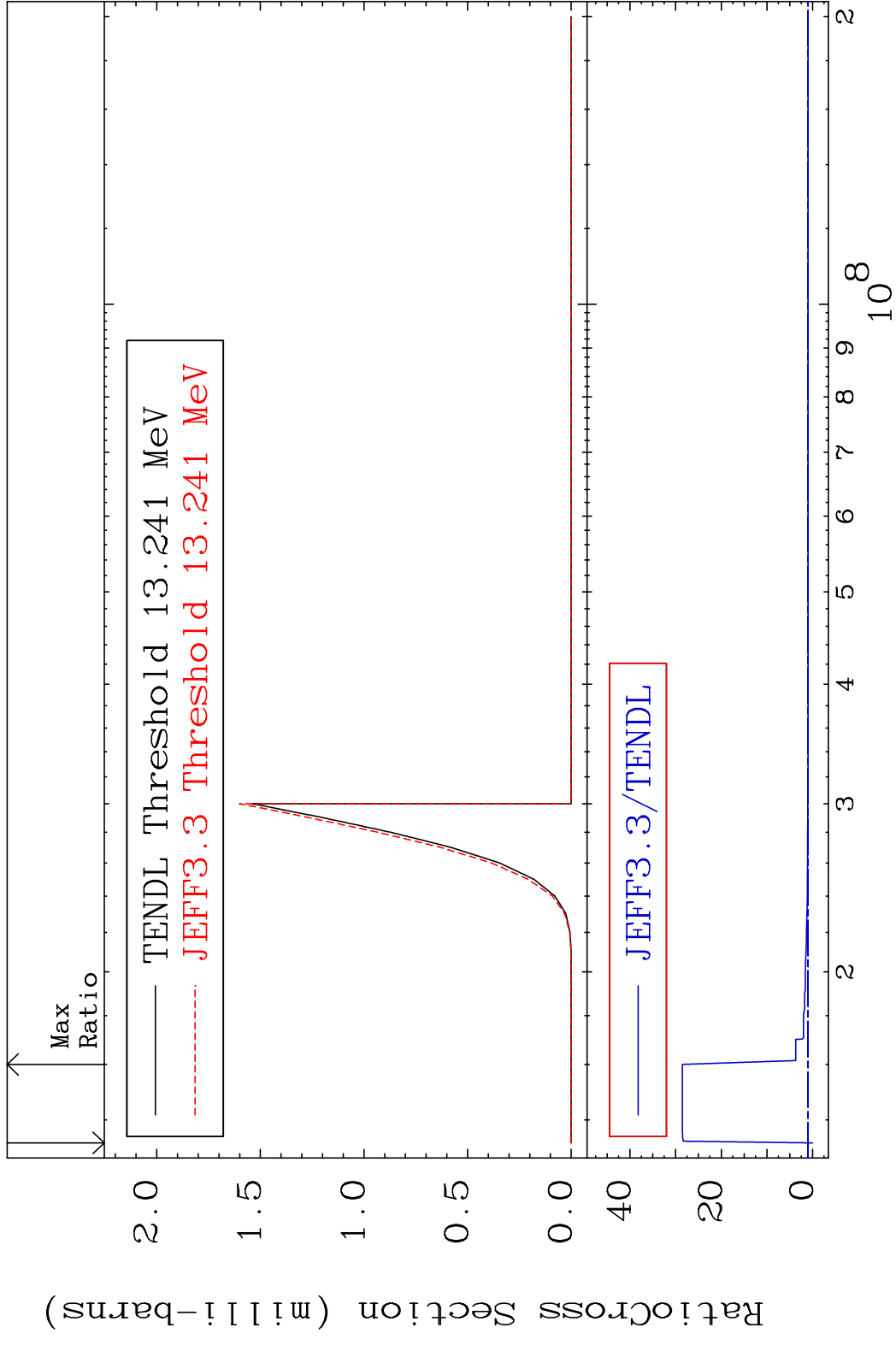
MAT 7837 (n, n') d:77-Ir-192m15 78-Pt-194  
 Radionuclide Production Cross Section Ratio 85.82 %

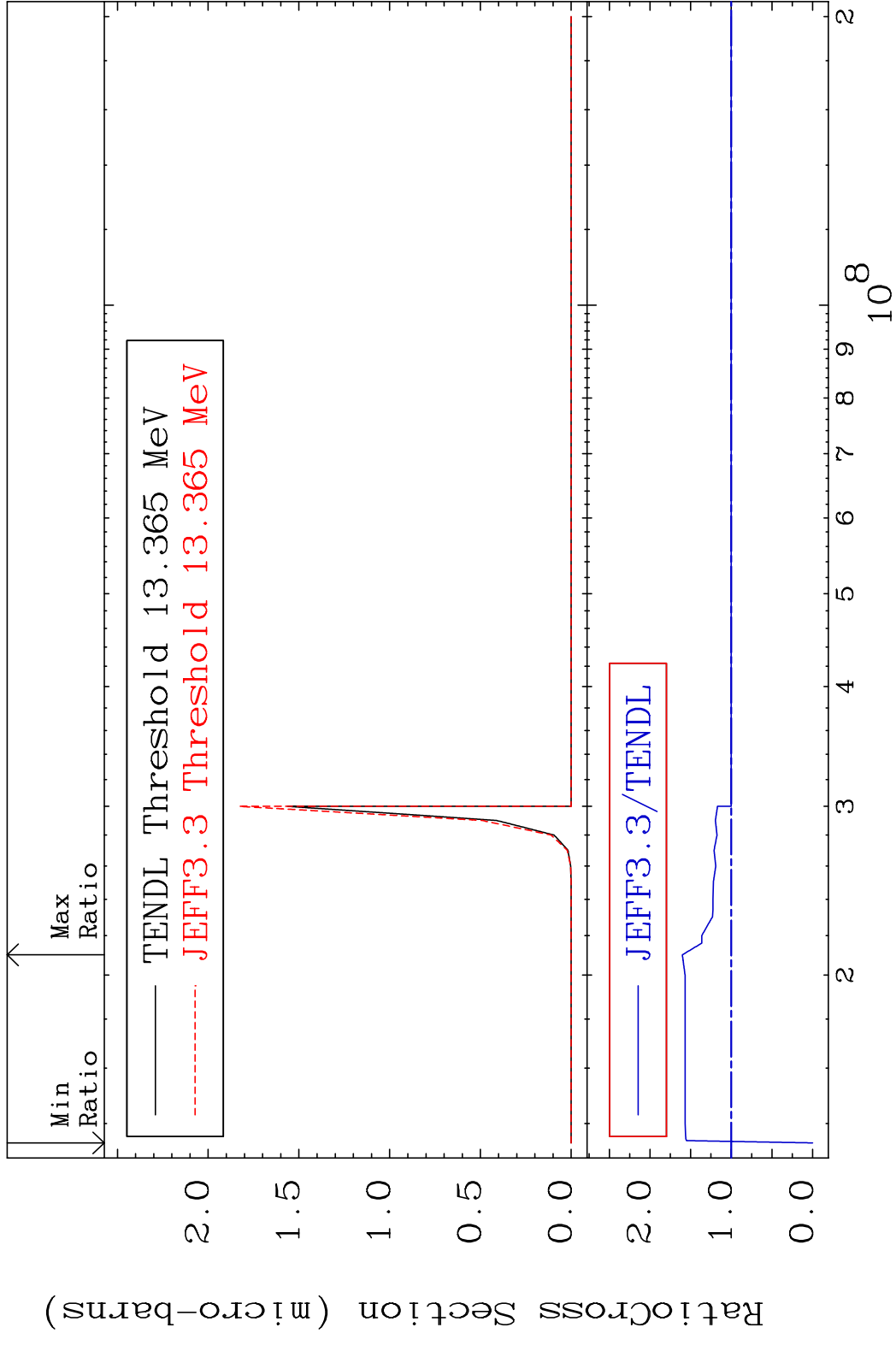


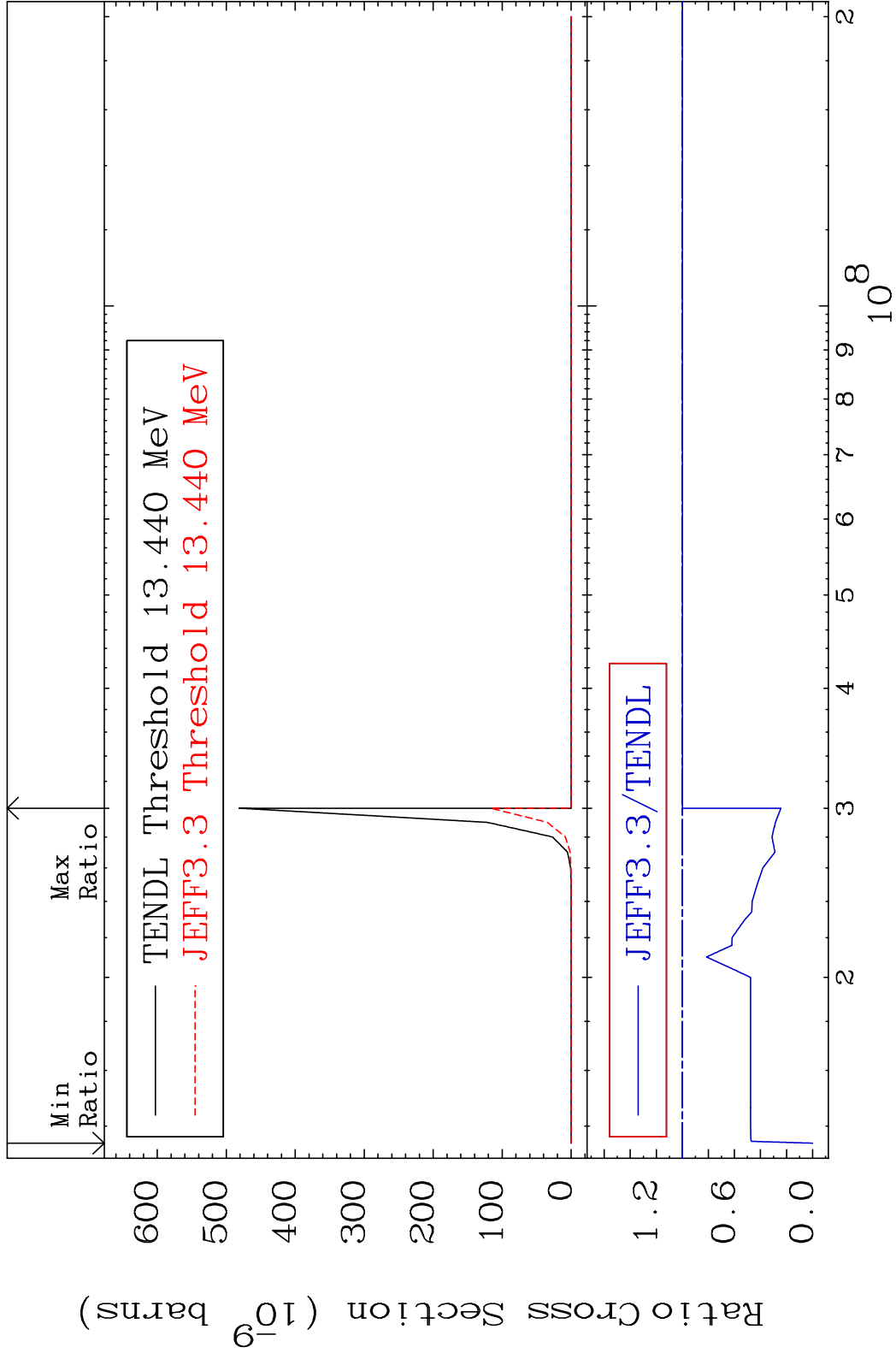
MAT 7837 (n, n') t:77-Ir-191g 78-Pt-194  
 Radionuclide Production Cross Section Ratio 623.7 %

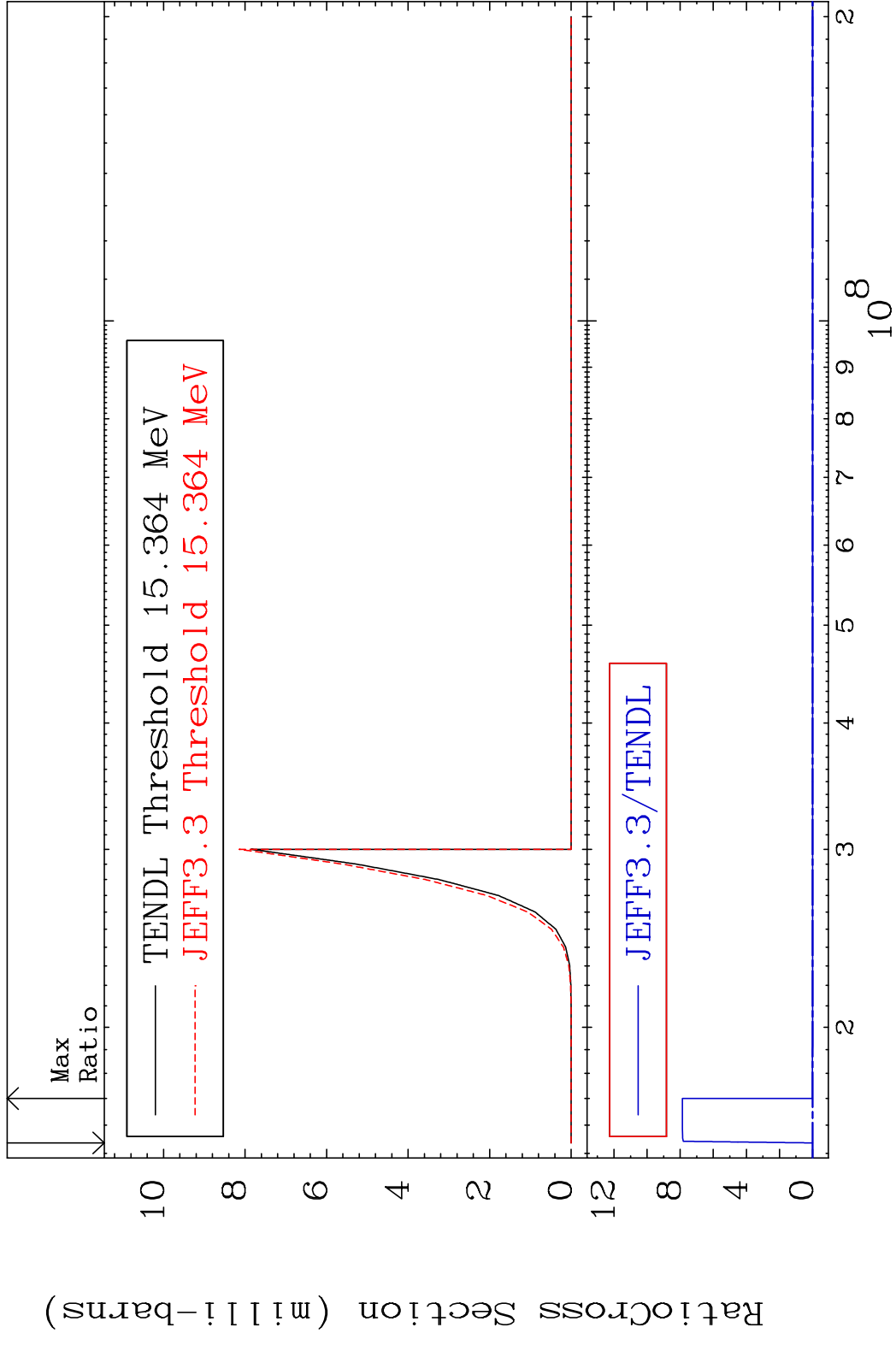


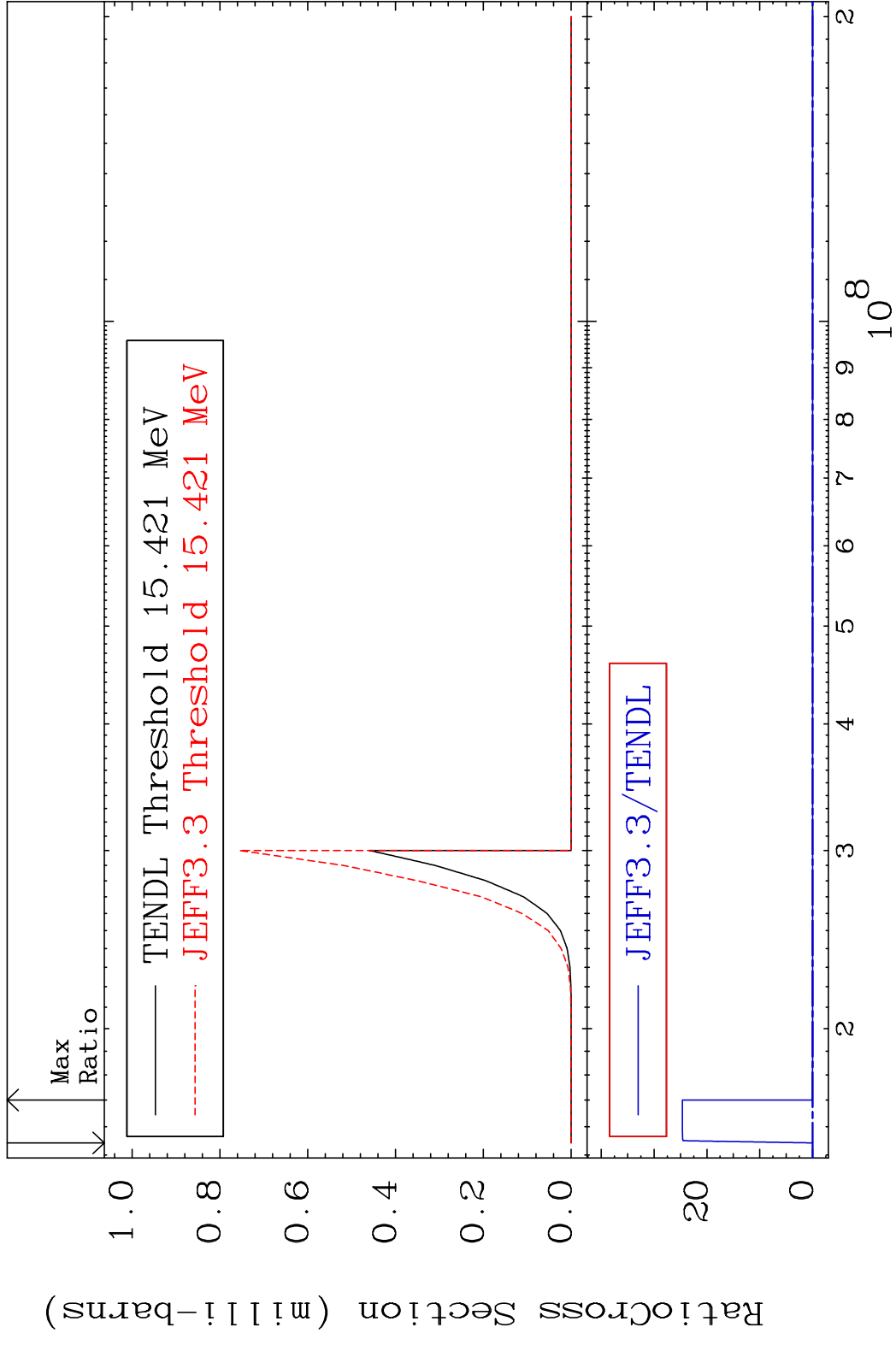


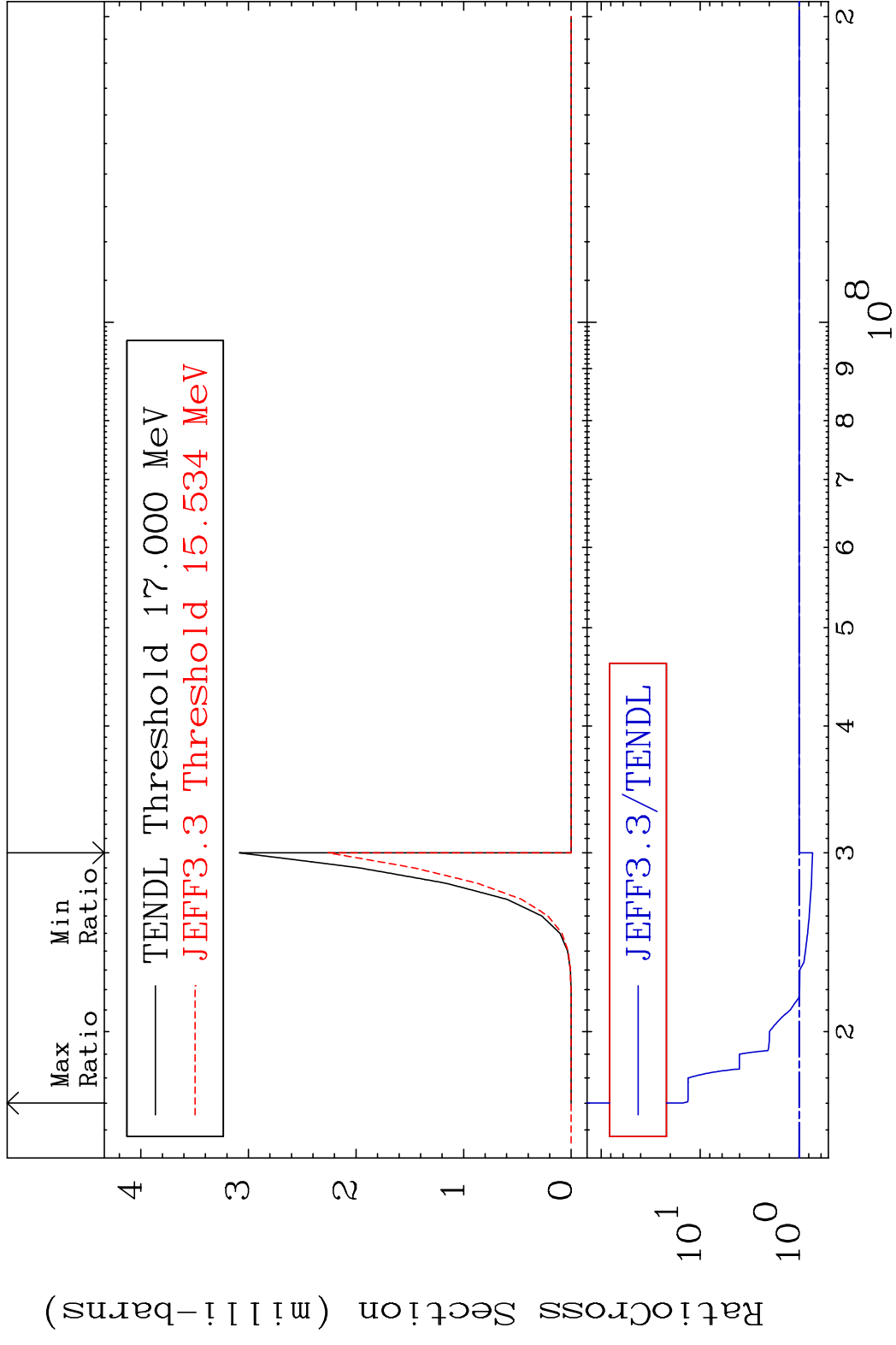


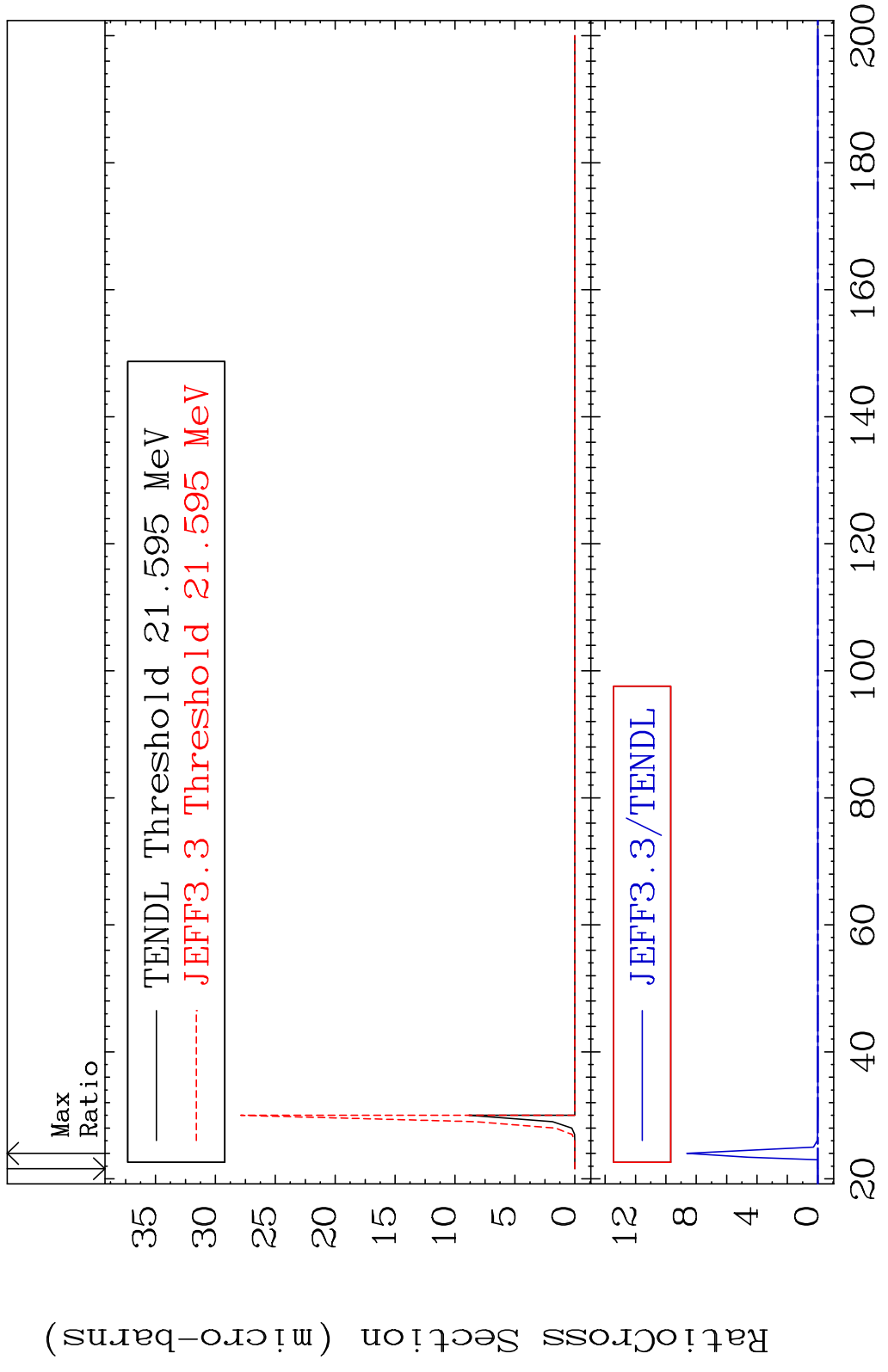


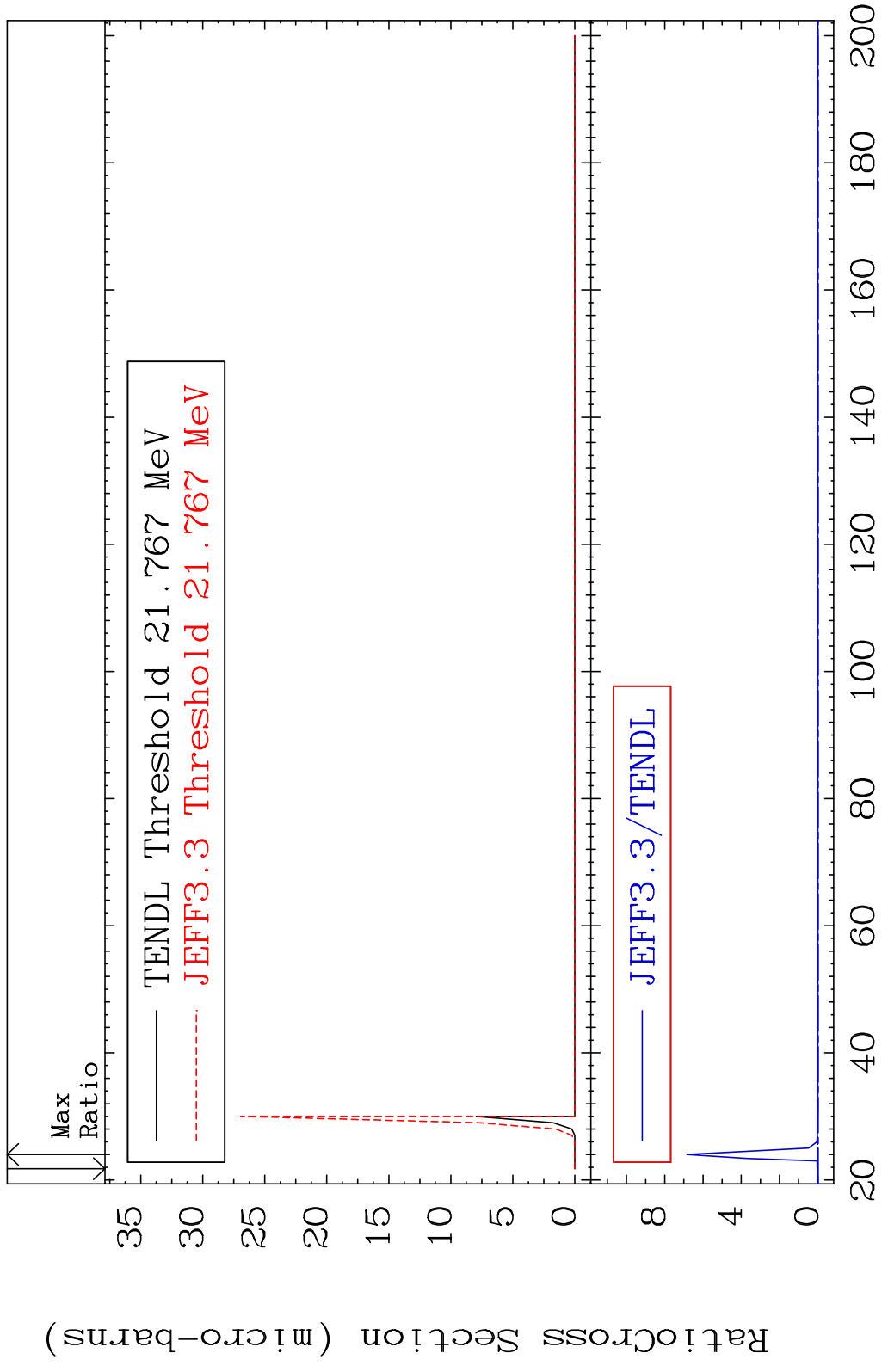




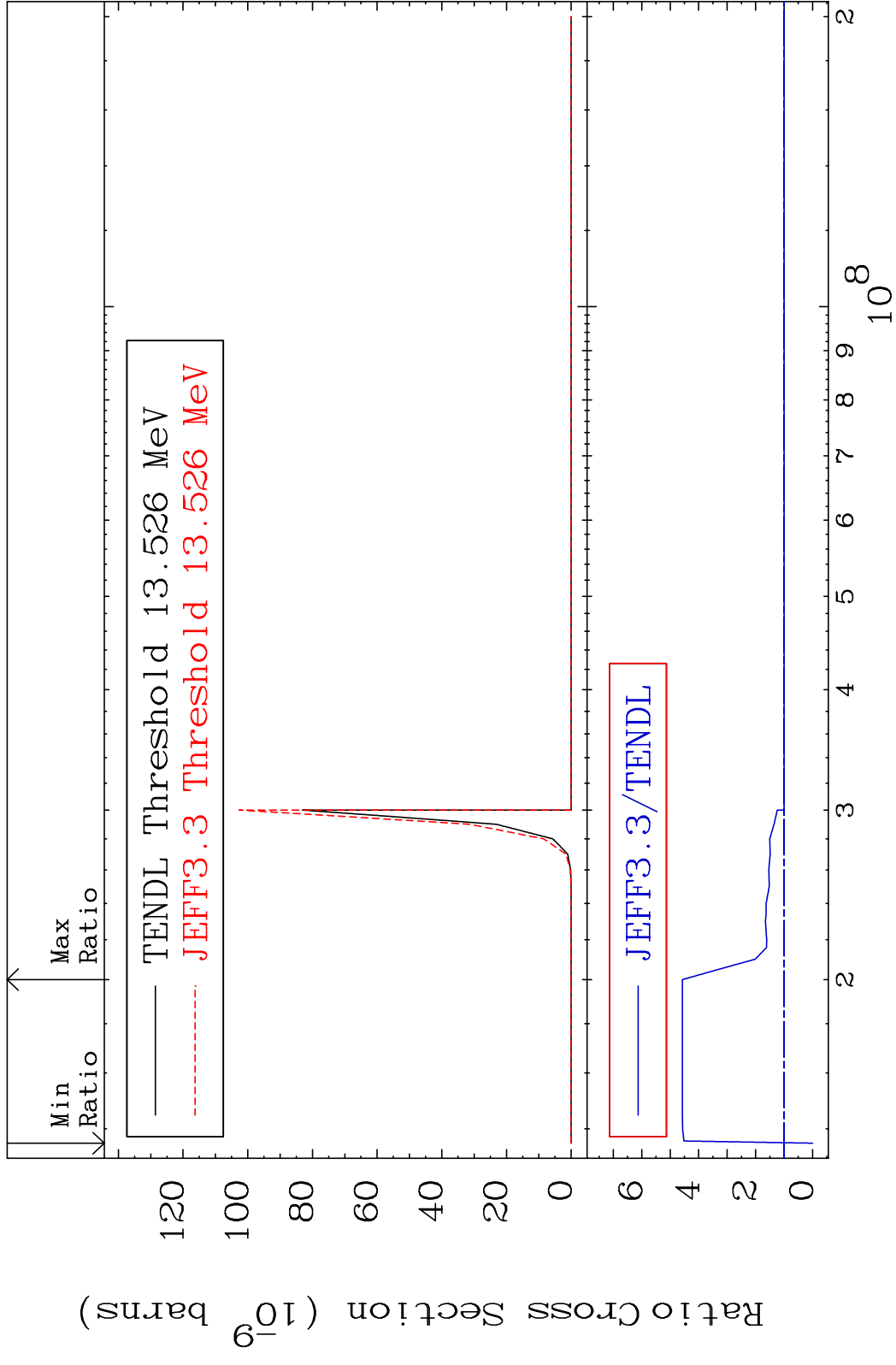


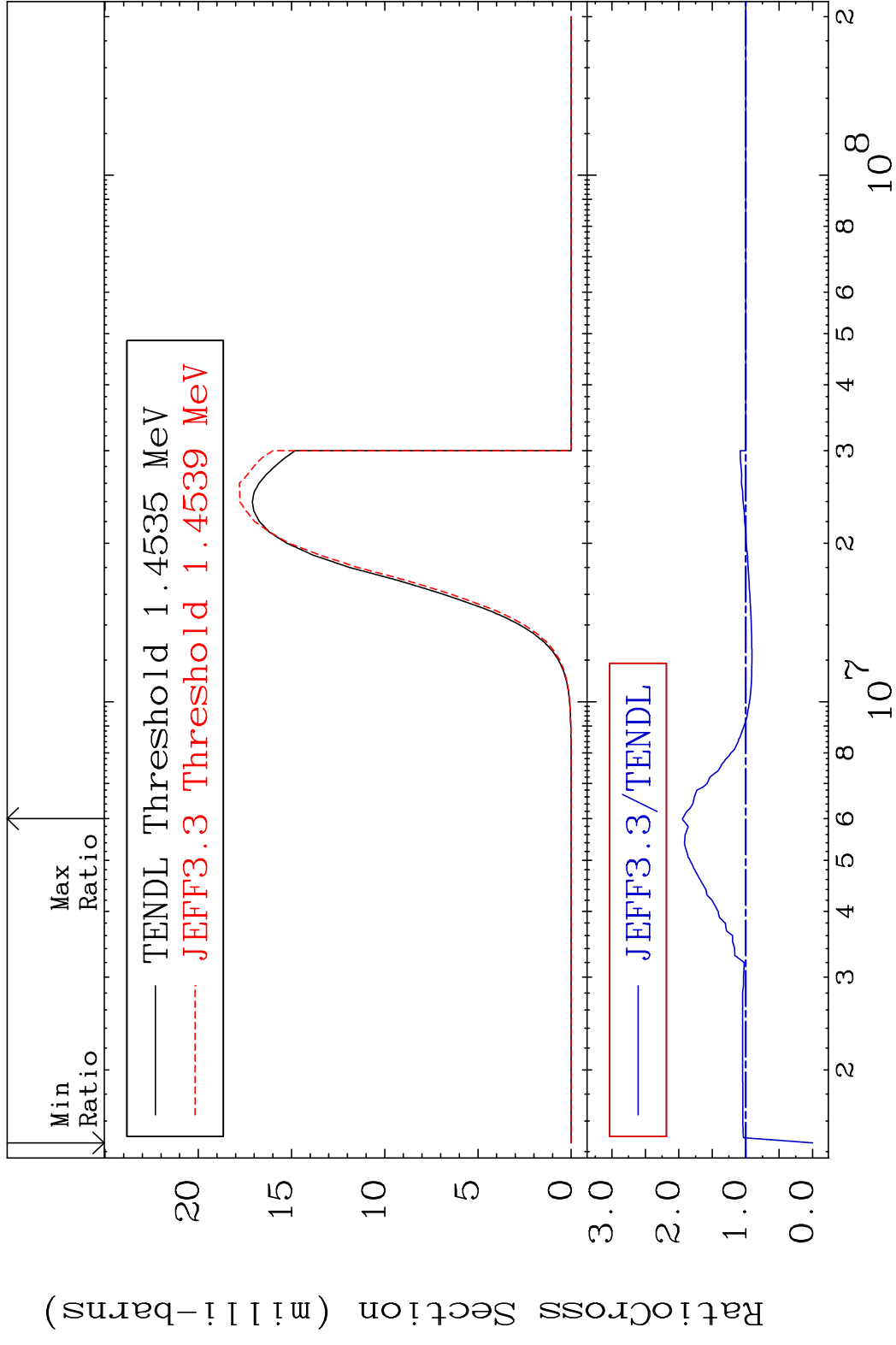




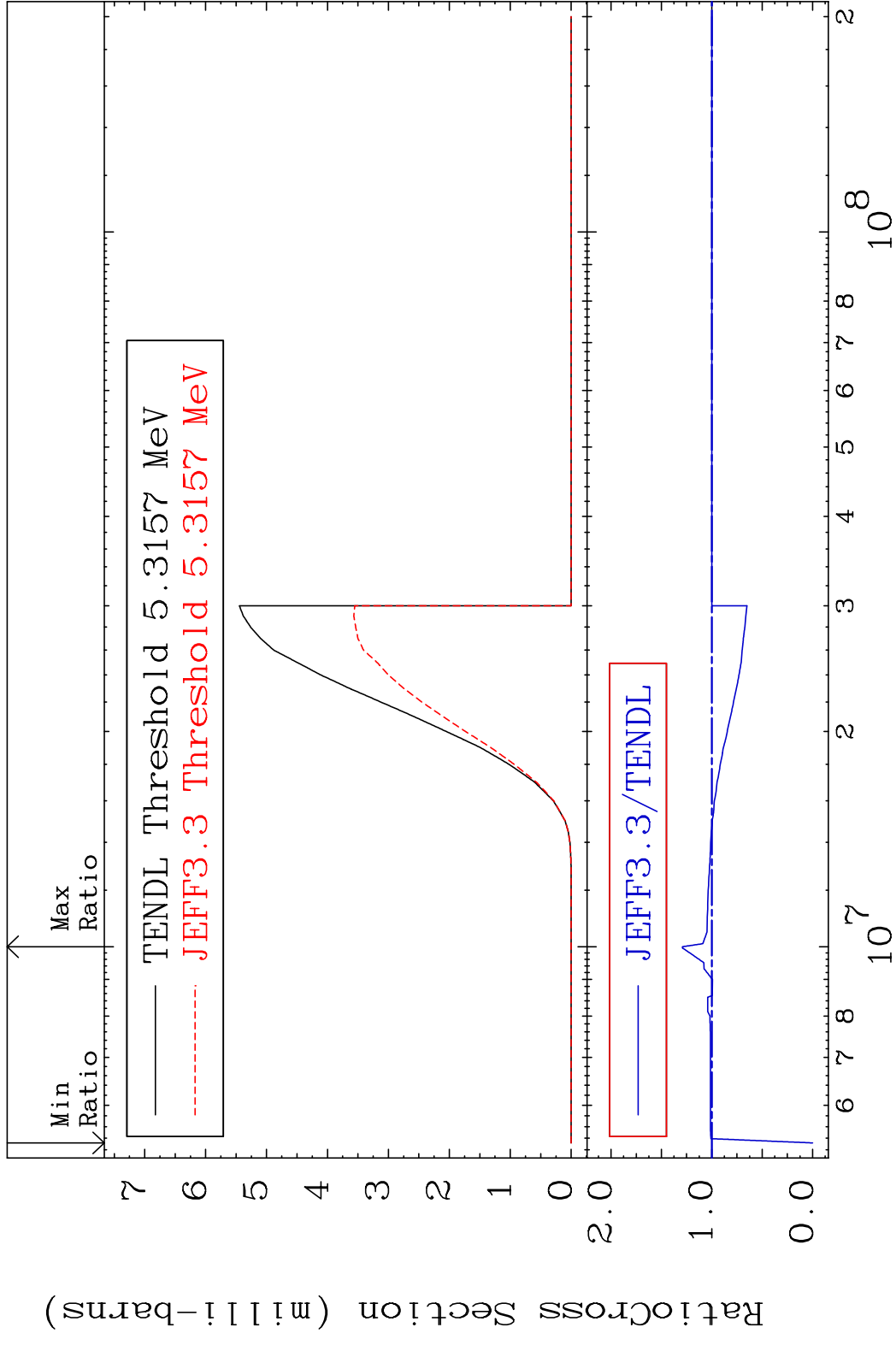


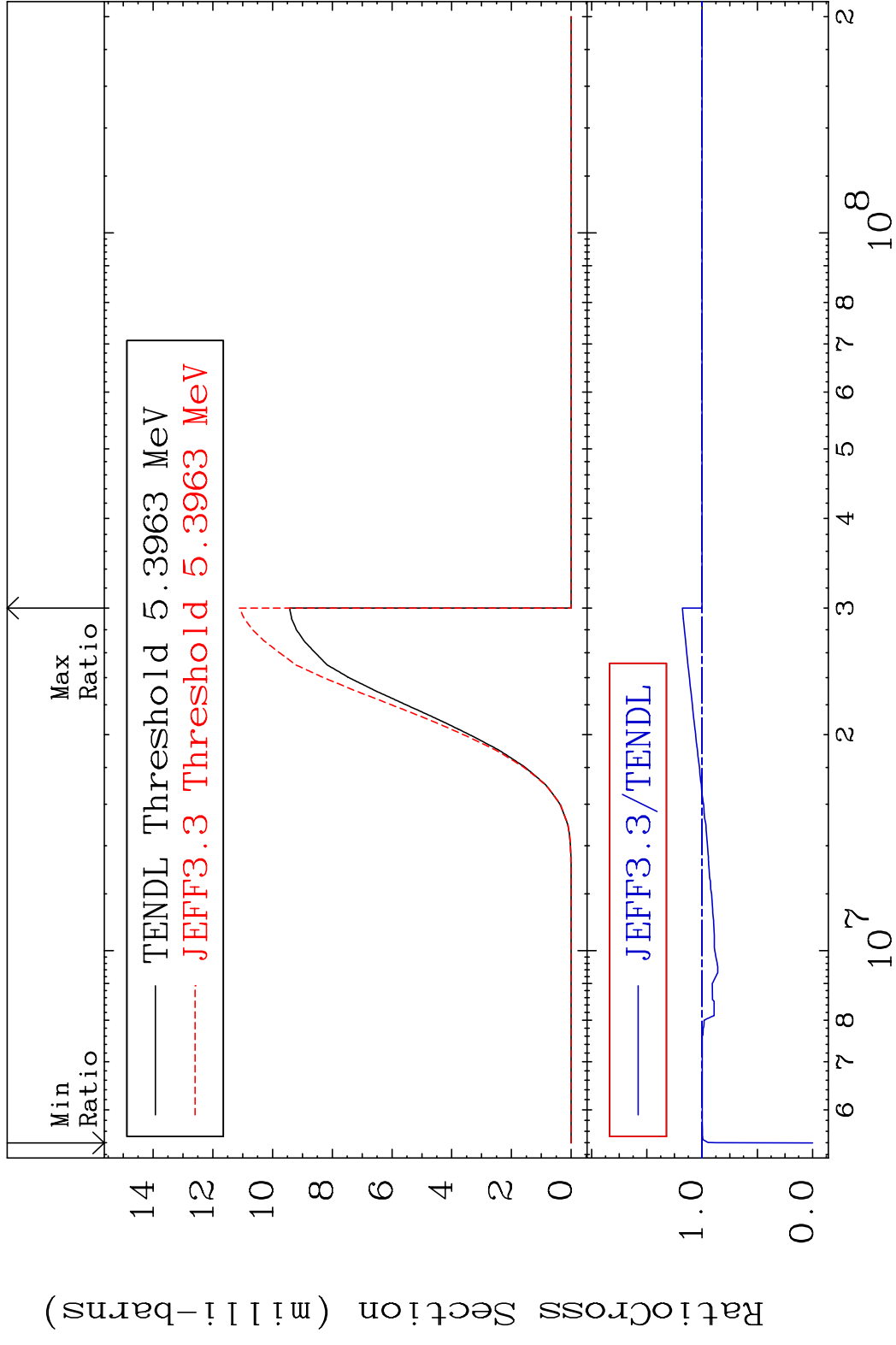


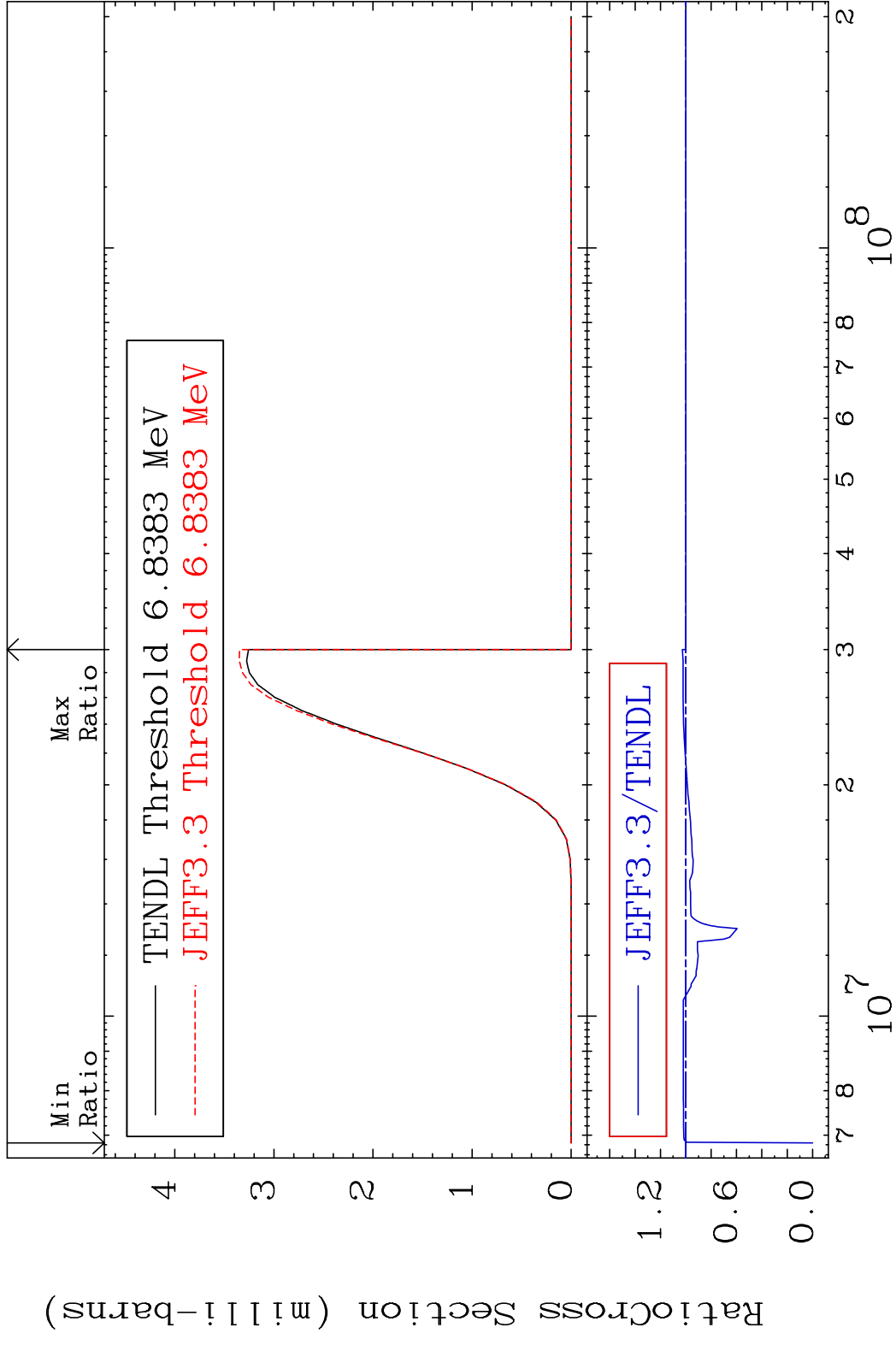


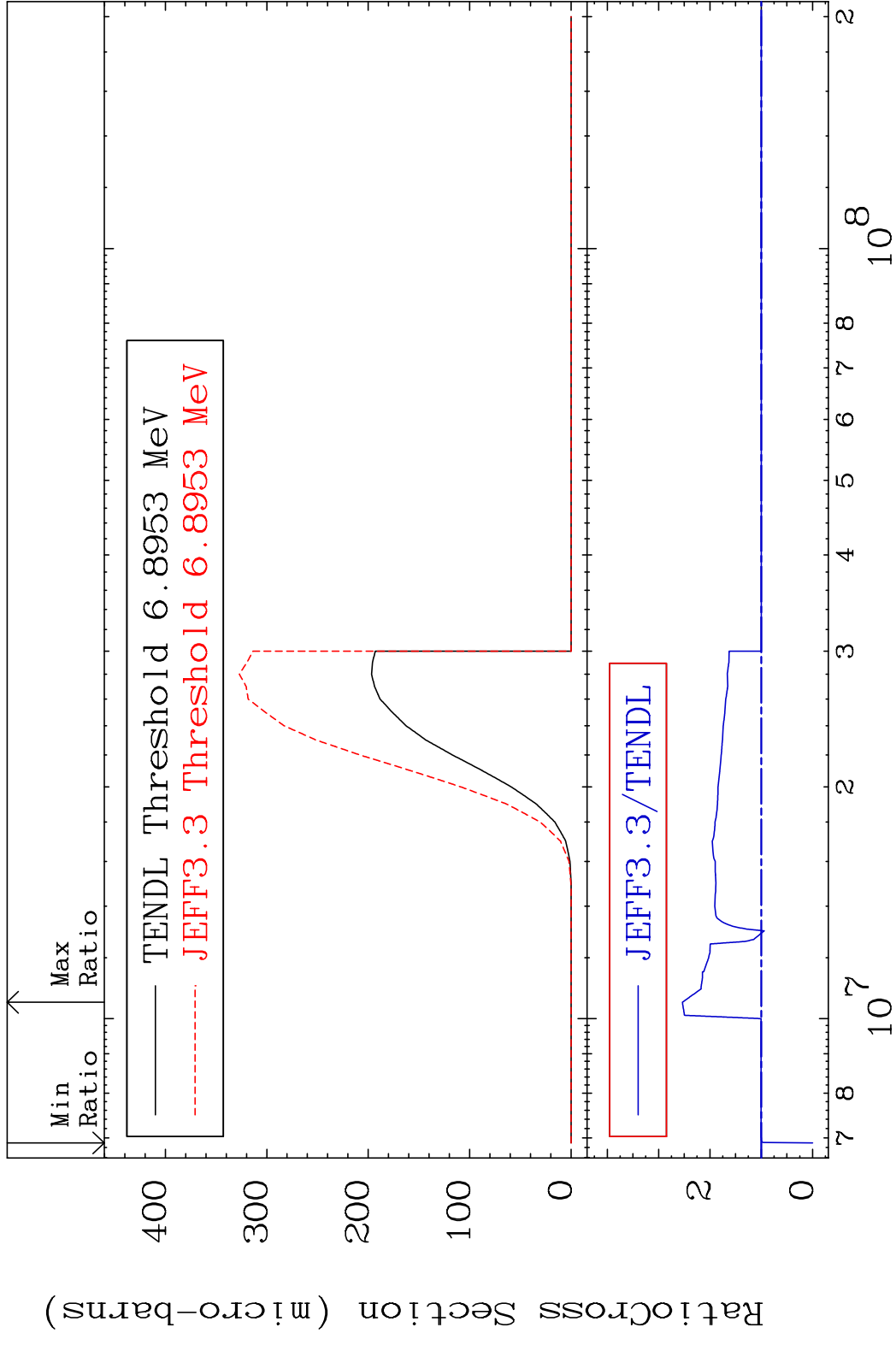


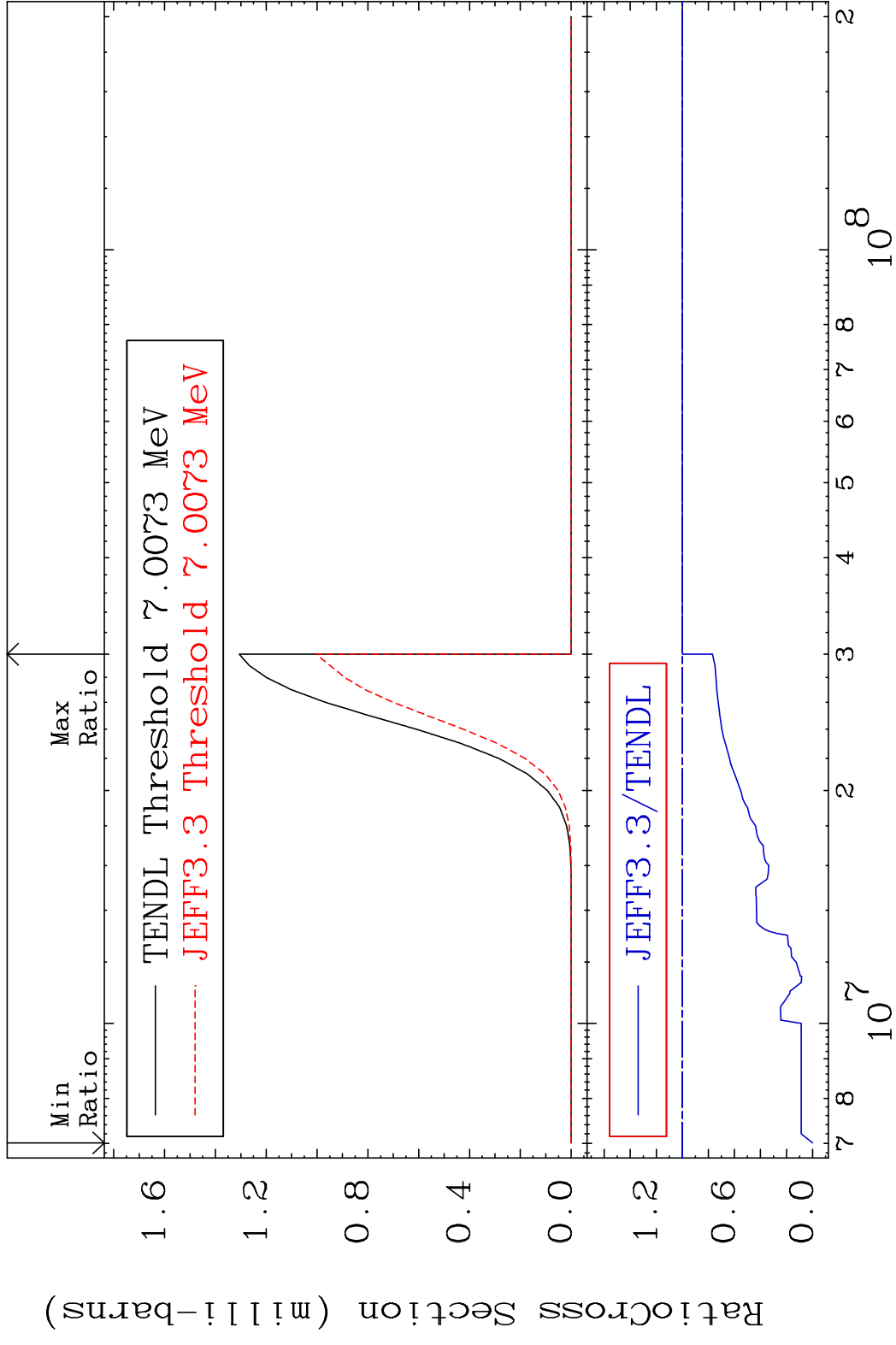
MAT 7837 (n,d):77-Ir-193g 78-Pt-194  
 Radionuclide Production Cross Section 180.01 dth 29.21 %

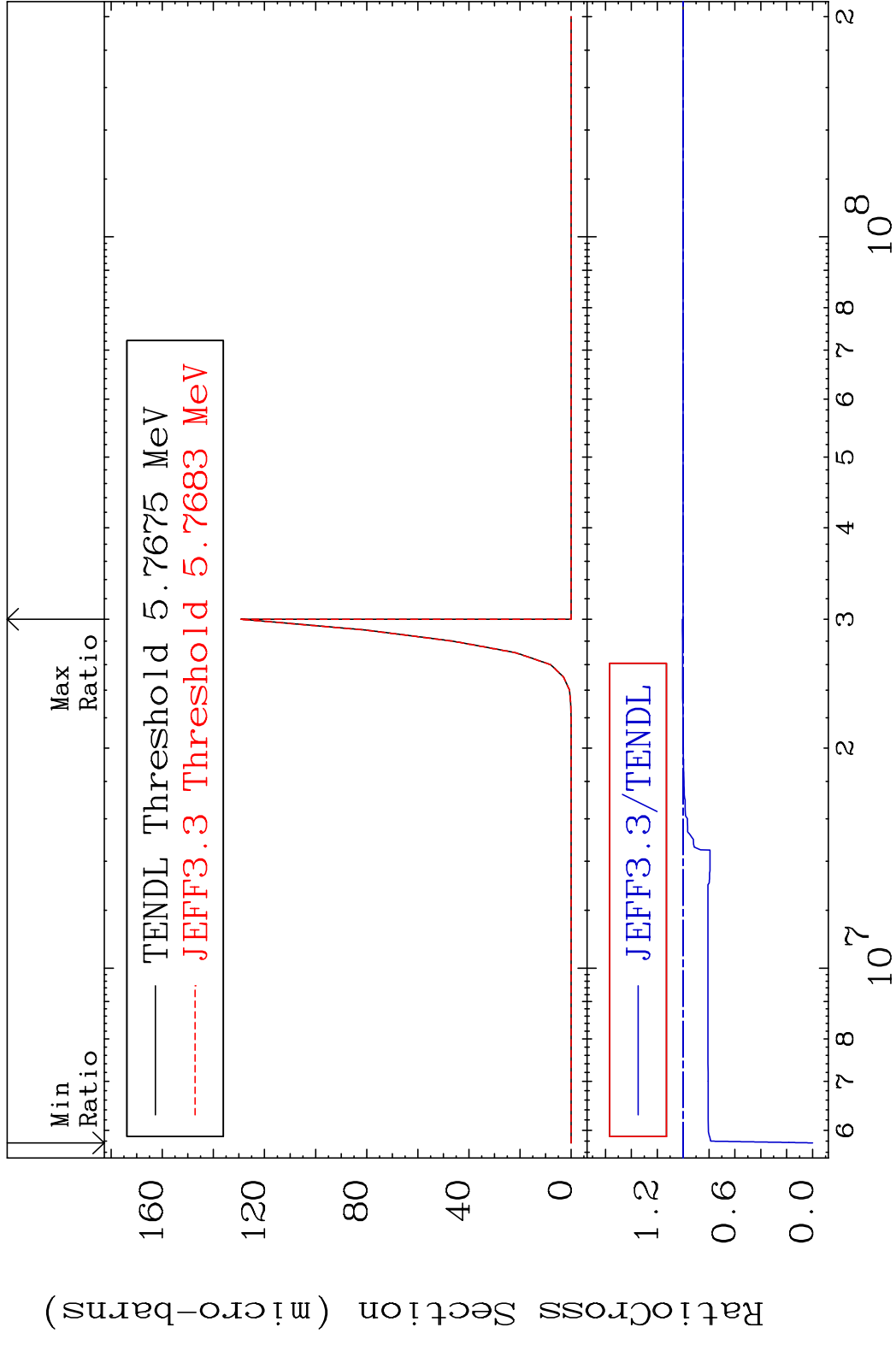




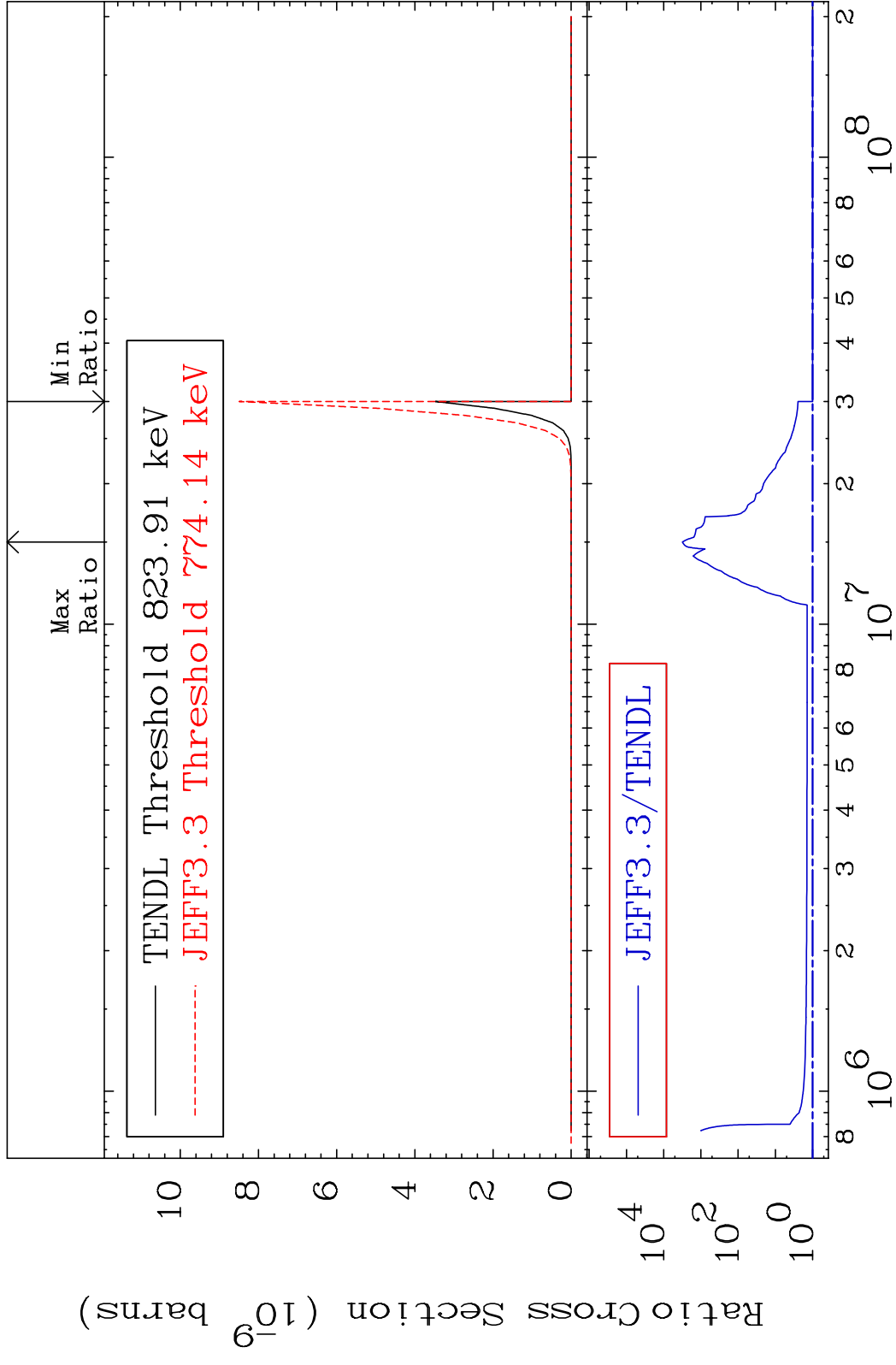


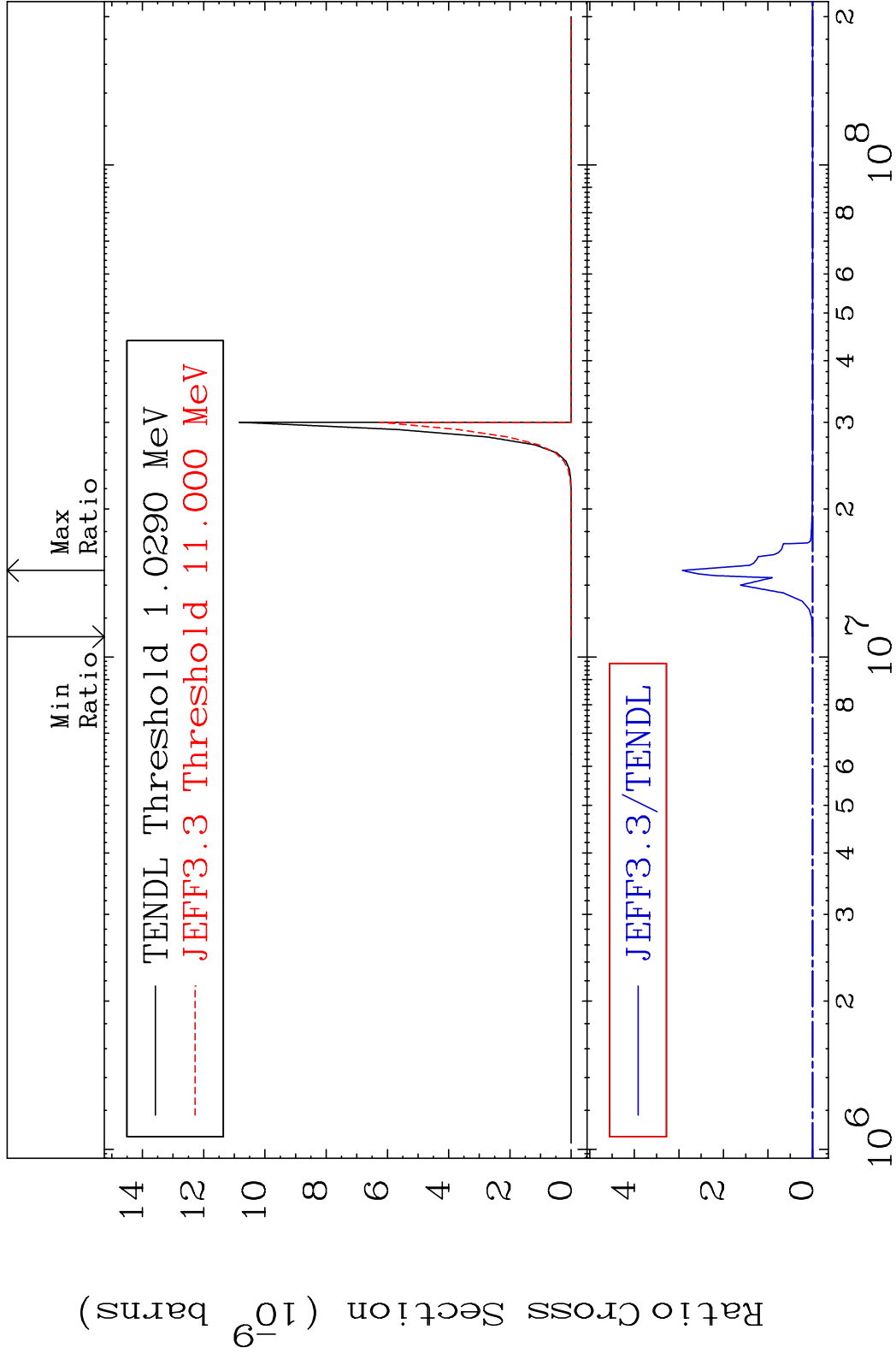


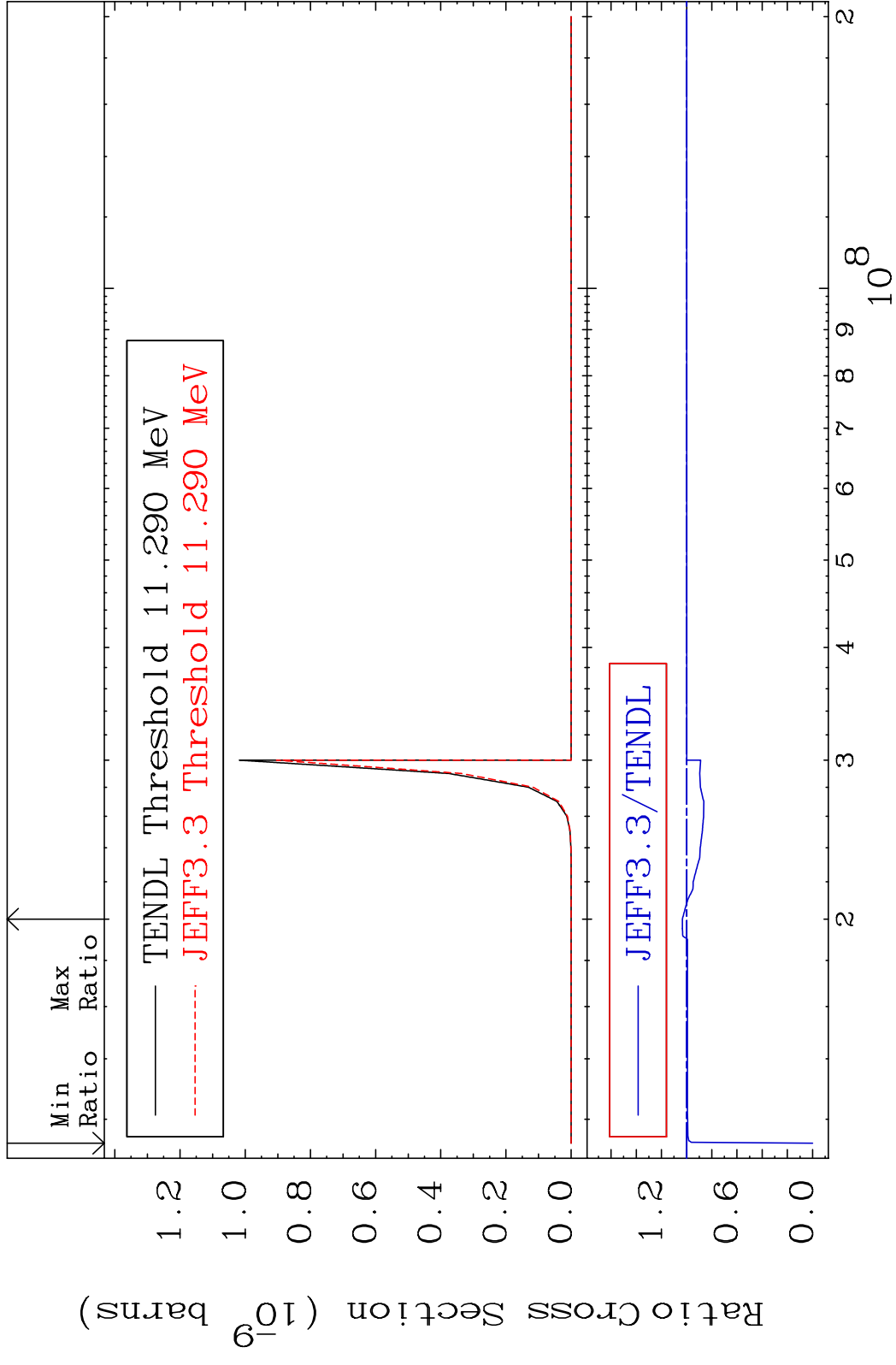




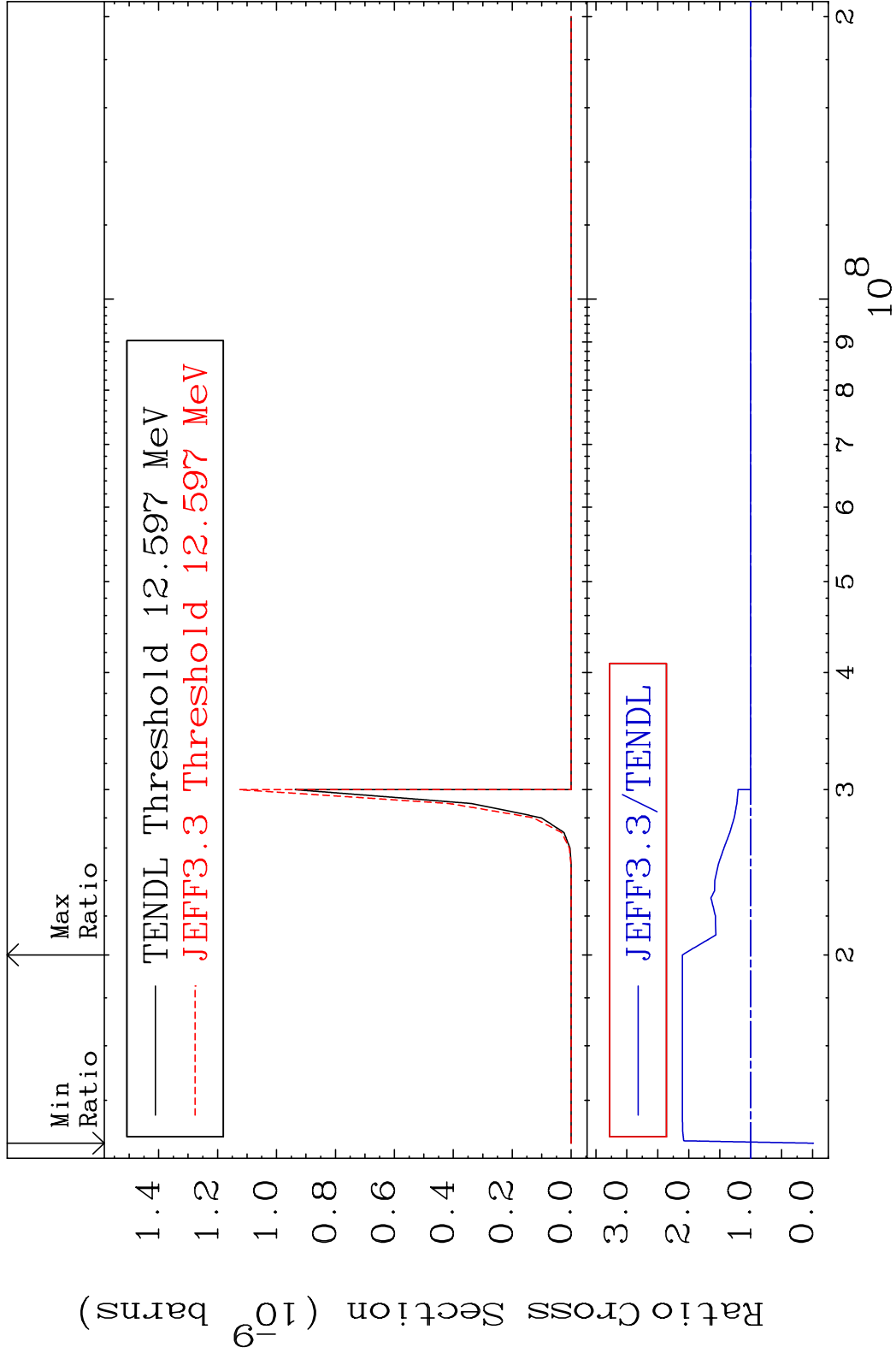




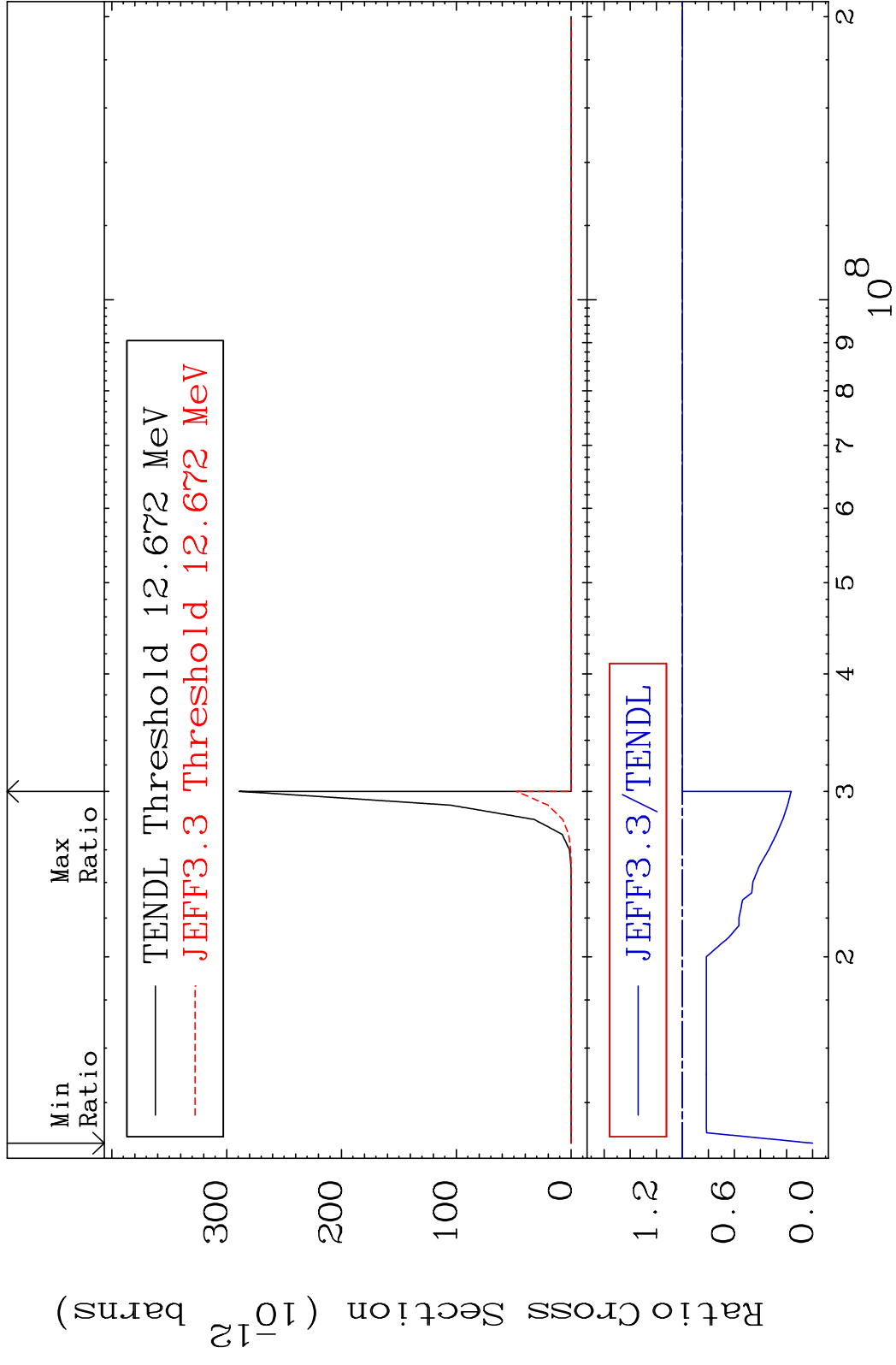




MAT 7837 (n,p) t:76-0s-191g 78-Pt-194  
 Radionuclide Production Cross Section 180.0 dth 110.3 %



MAT 7837 (n,p) t:76-0s-191m1 78-Pt-194  
 Radionuclide Production Cross Section Ratio 0.000 %



100 Incident Energy (eV) 78-Pt-194

MAT 7837 (n,p) t:76-0s-191m1 78-Pt-194  
 Radionuclide Production Cross Section Ratio 0.000 %

