

Program Complot
(Version 2021-1)

by

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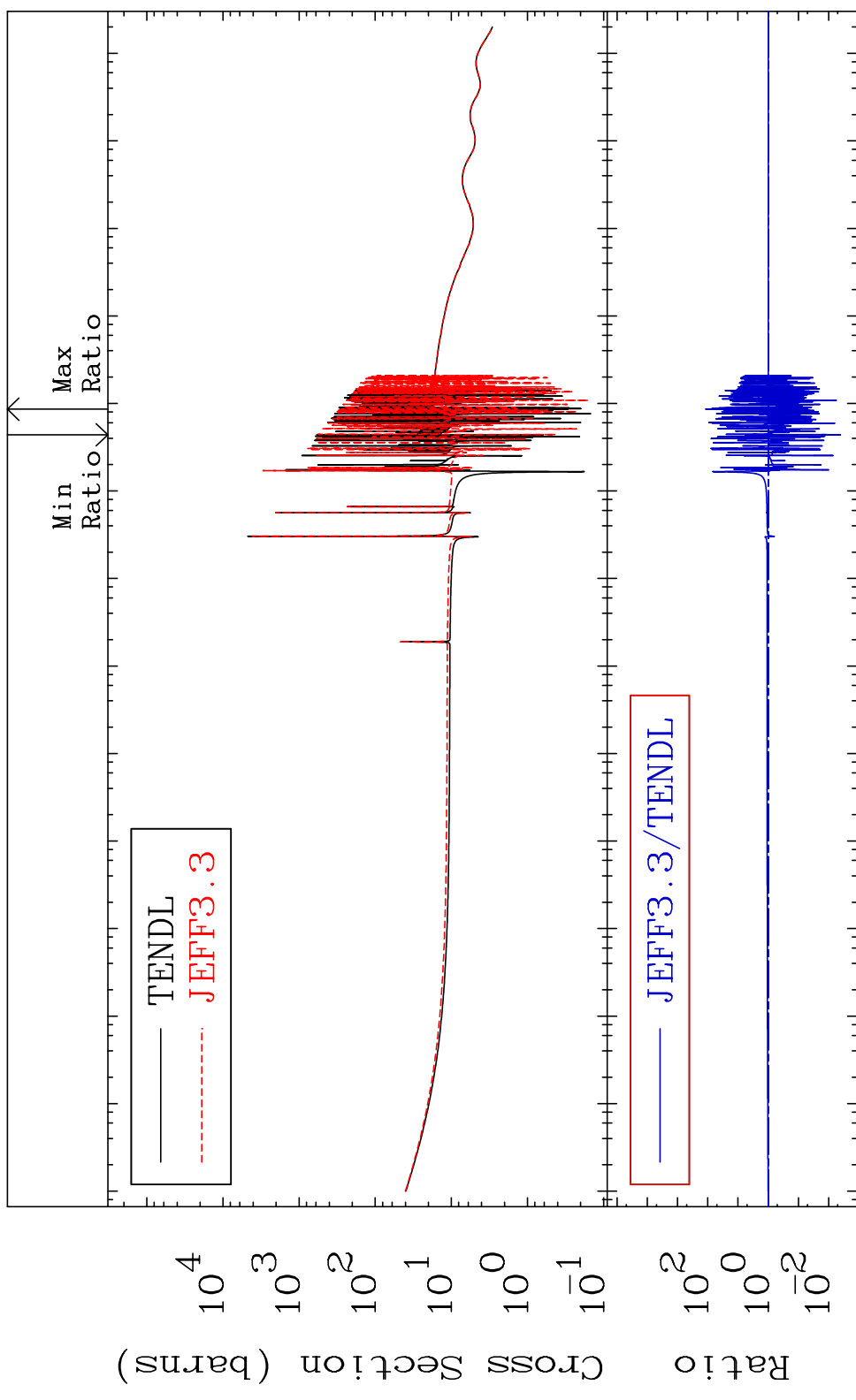
Press Mouse Button to Start

MAT 7843

Total

78-Pt-196

Cross Section -99.59 To 9999. %



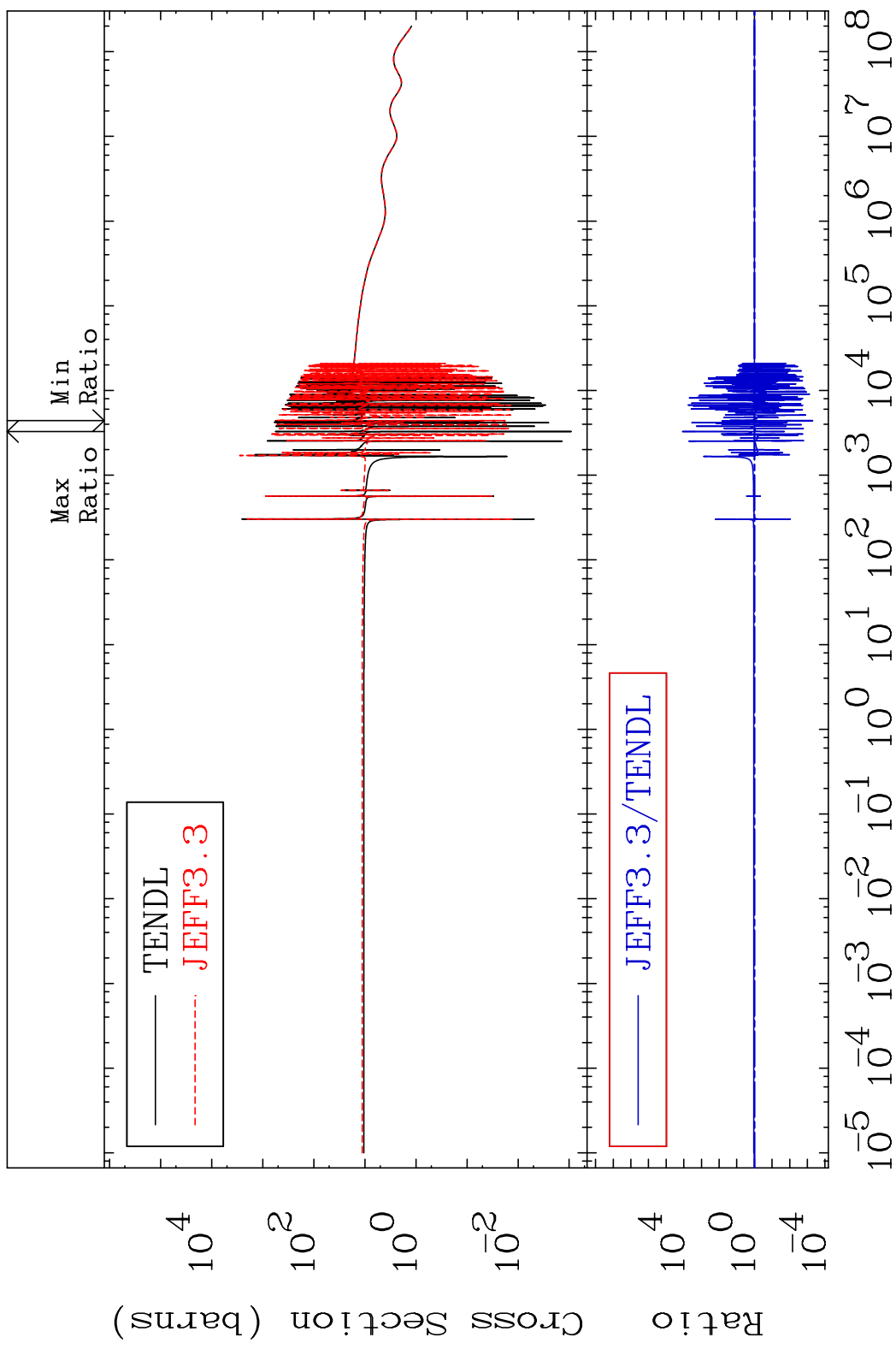
1

Incident Energy (eV)

78-Pt-196

MAT 7843

Elastic Cross Section -99.95 To 9999. %
78-Pt-196

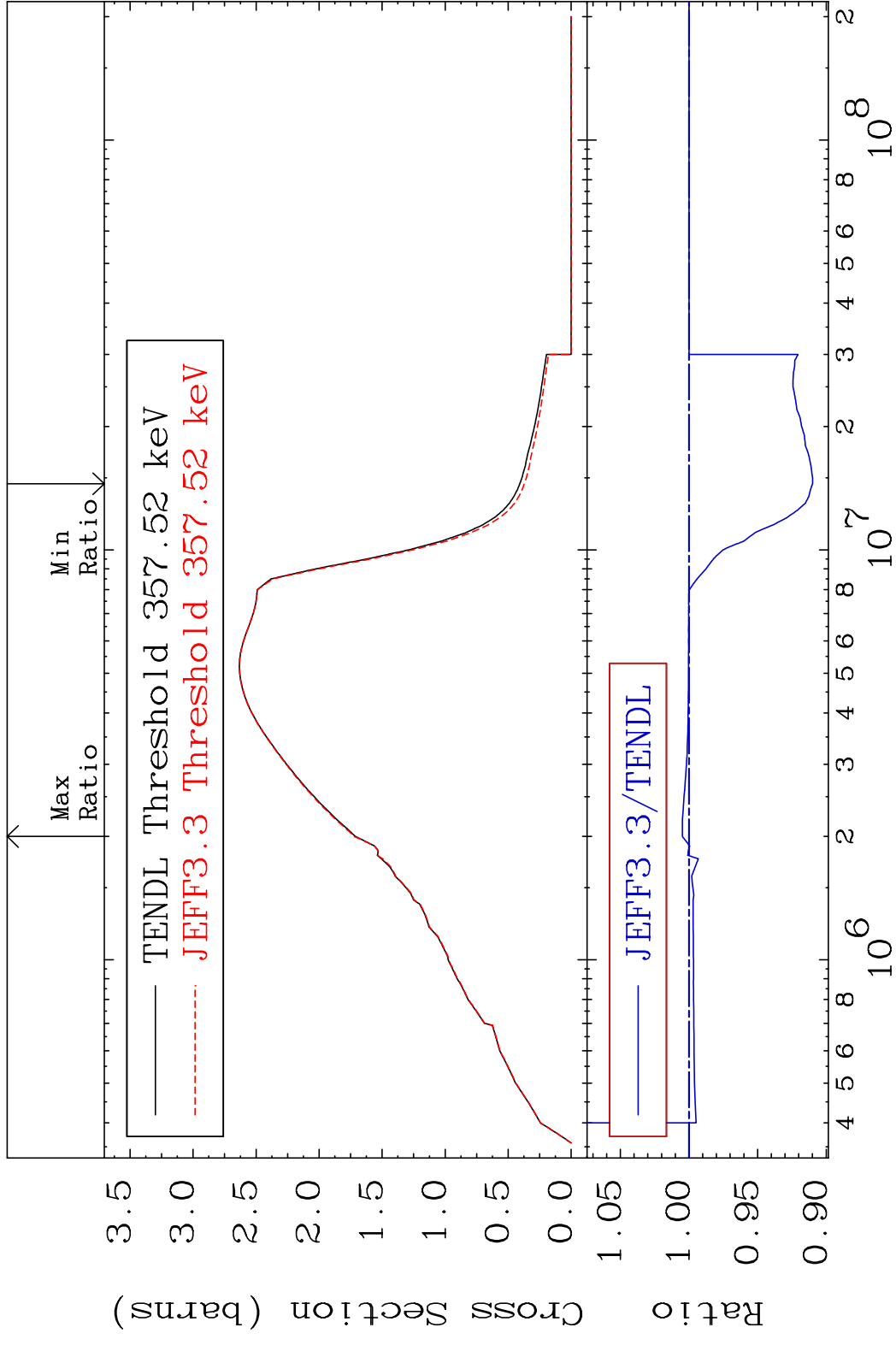


MAT 7843

Inelastic

78-Pt-196

Cross Section -9.005 To 0.482 %

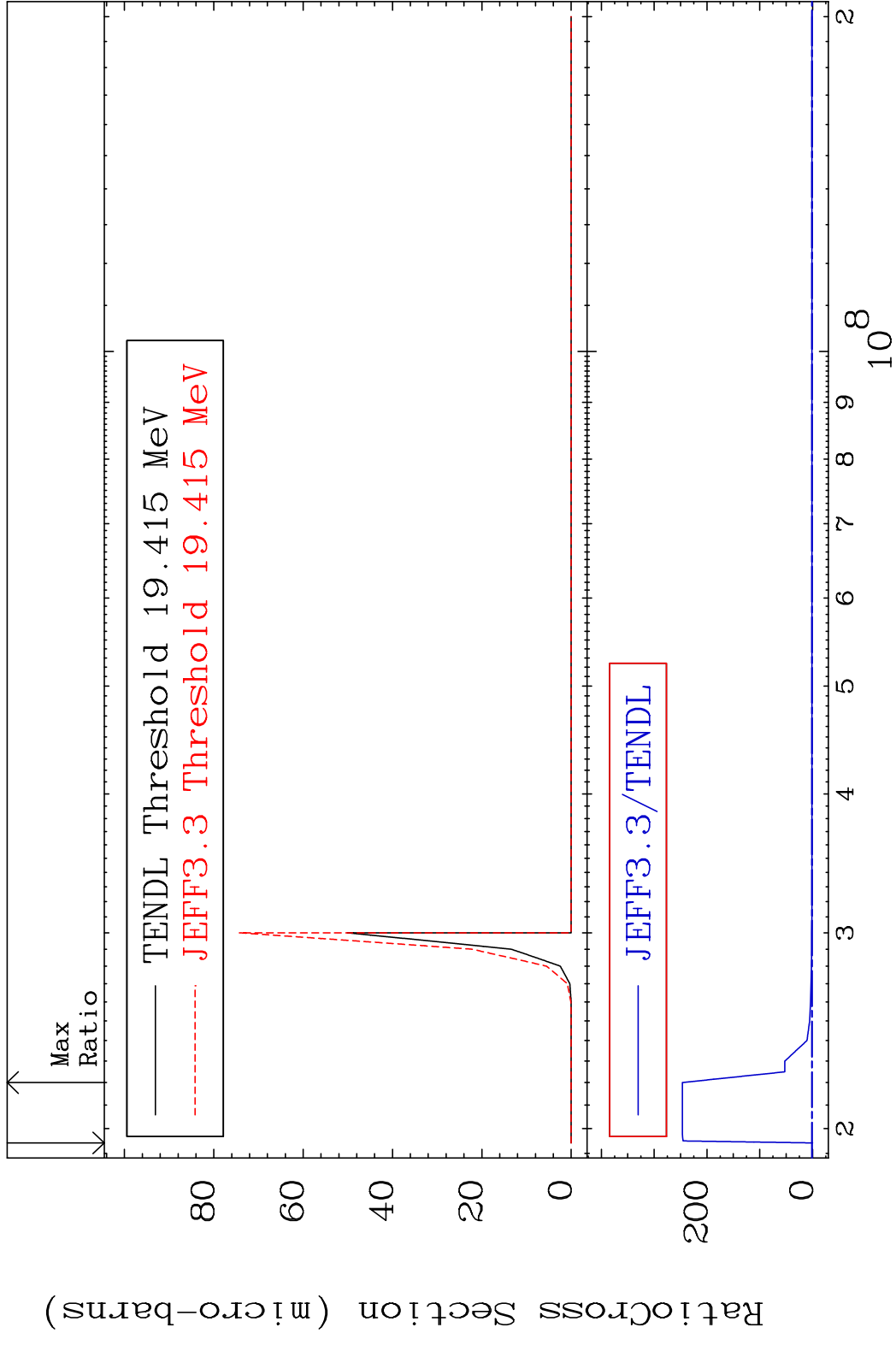


MAT 7843

(n,2n) d

78-Pt-196

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

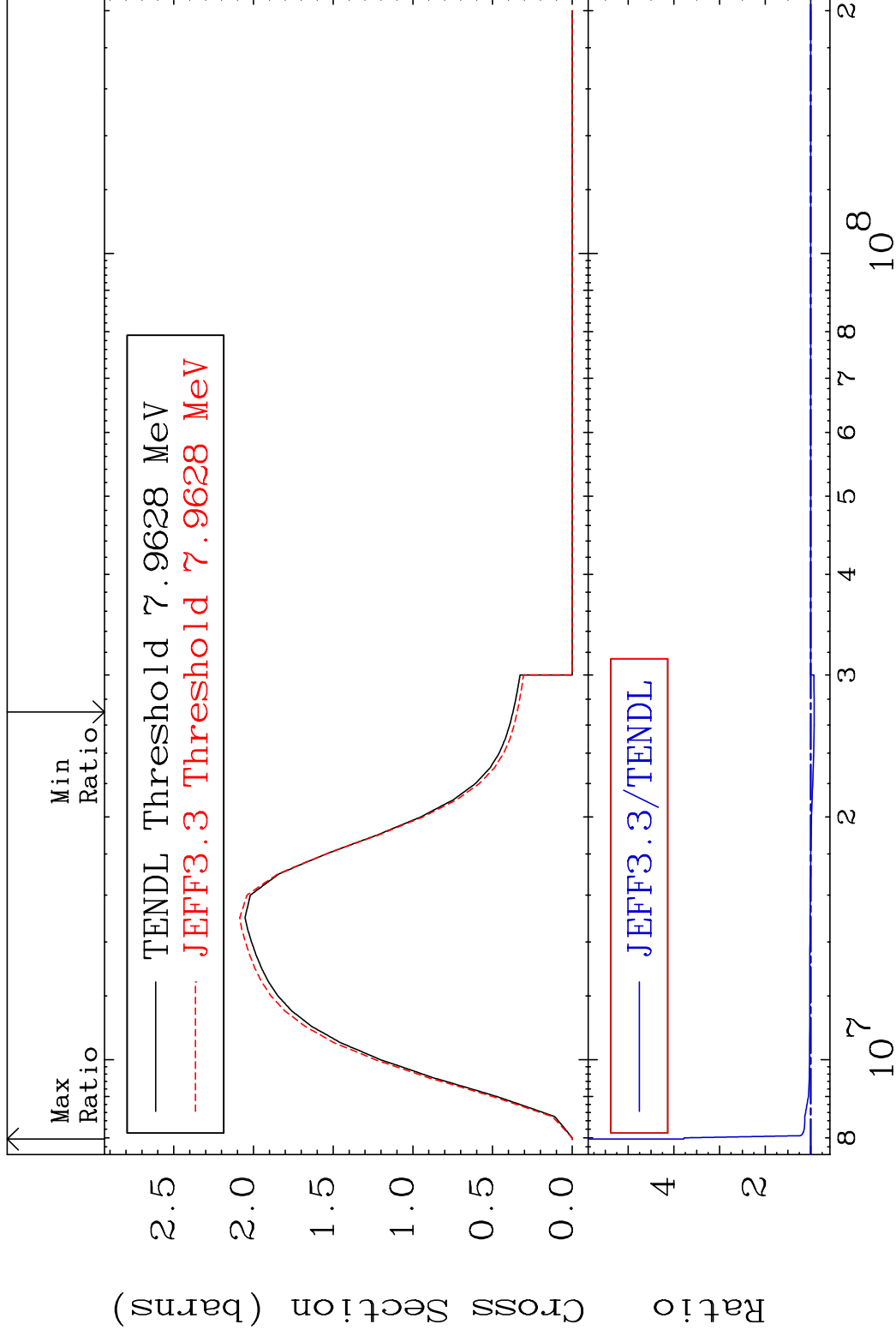
78-Pt-196

MAT 7843

(n,2n)

78-Pt-196

Cross Section -7.161 To 278.4 %



5

Incident Energy (eV)

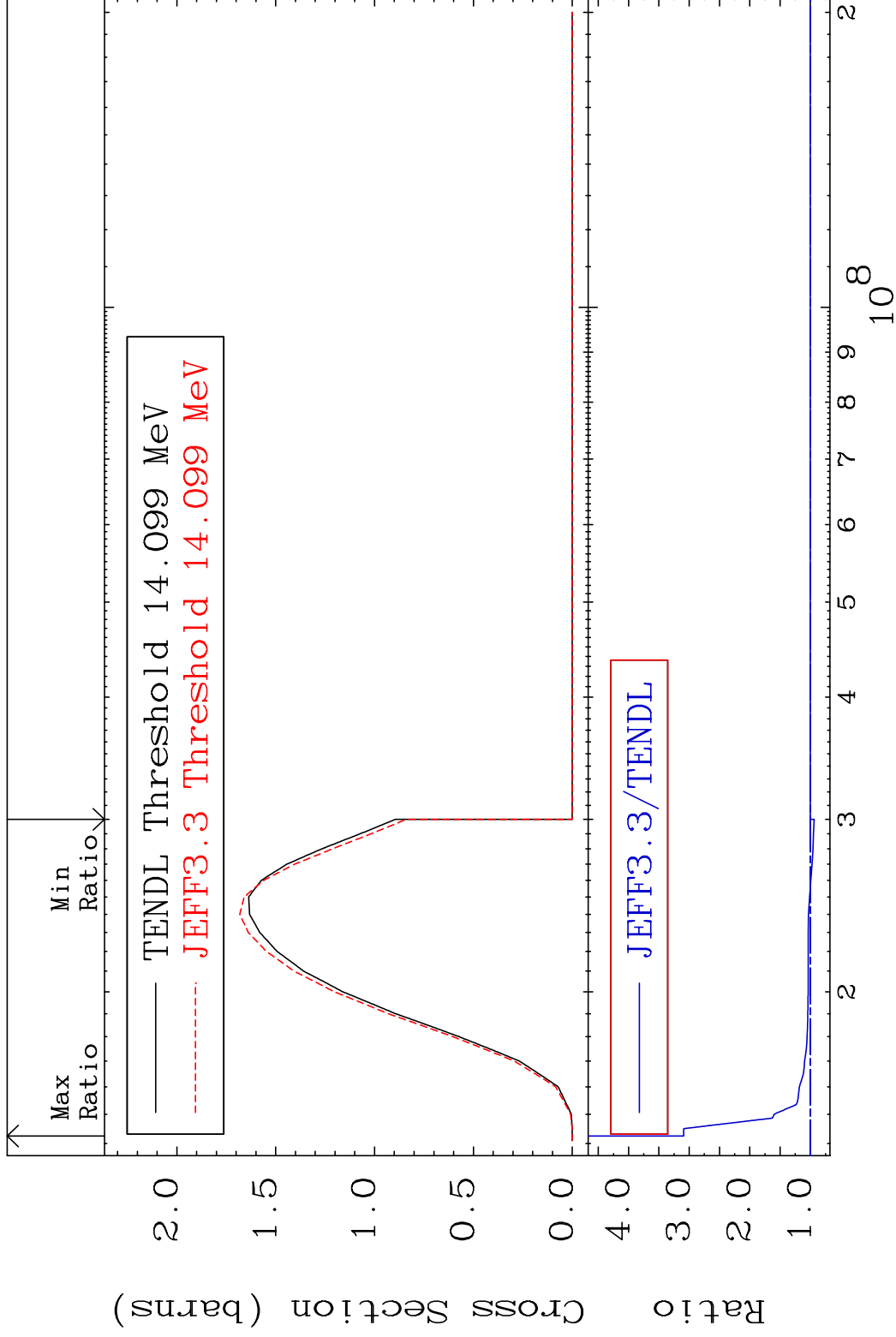
78-Pt-196

MAT 7843

(n,3n)

78-Pt-196

Cross Section -6.144 To 209.1 %



6

Incident Energy (eV)

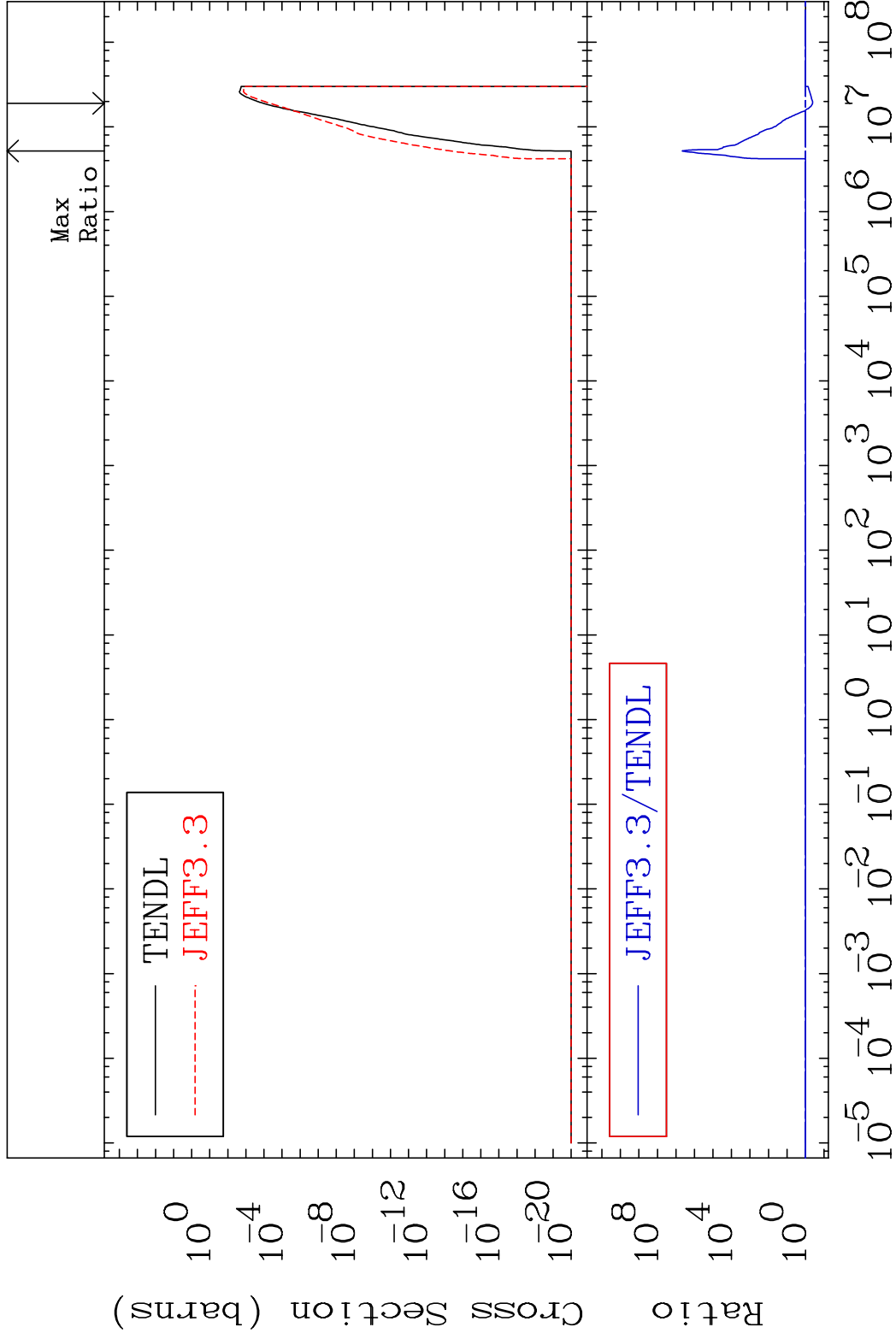
78-Pt-196

MAT 7843

(n, n') α

78-Pt-196

Cross Section -58.44 To 9999. %



7

Incident Energy (eV)

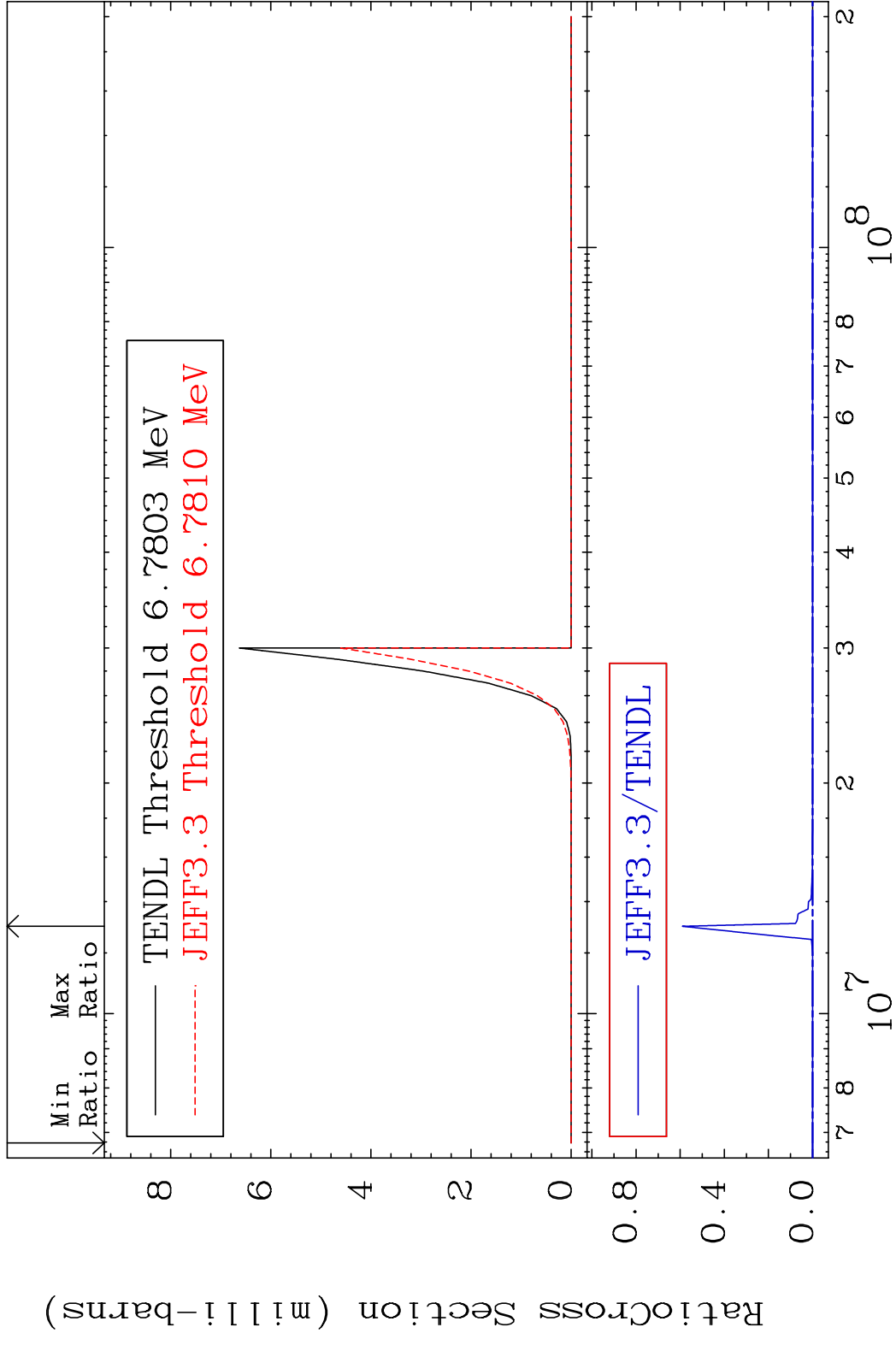
78-Pt-196

MAT 7843

78-Pt-196

(n,2n) α

Cross Section -100.0 To 9999. %

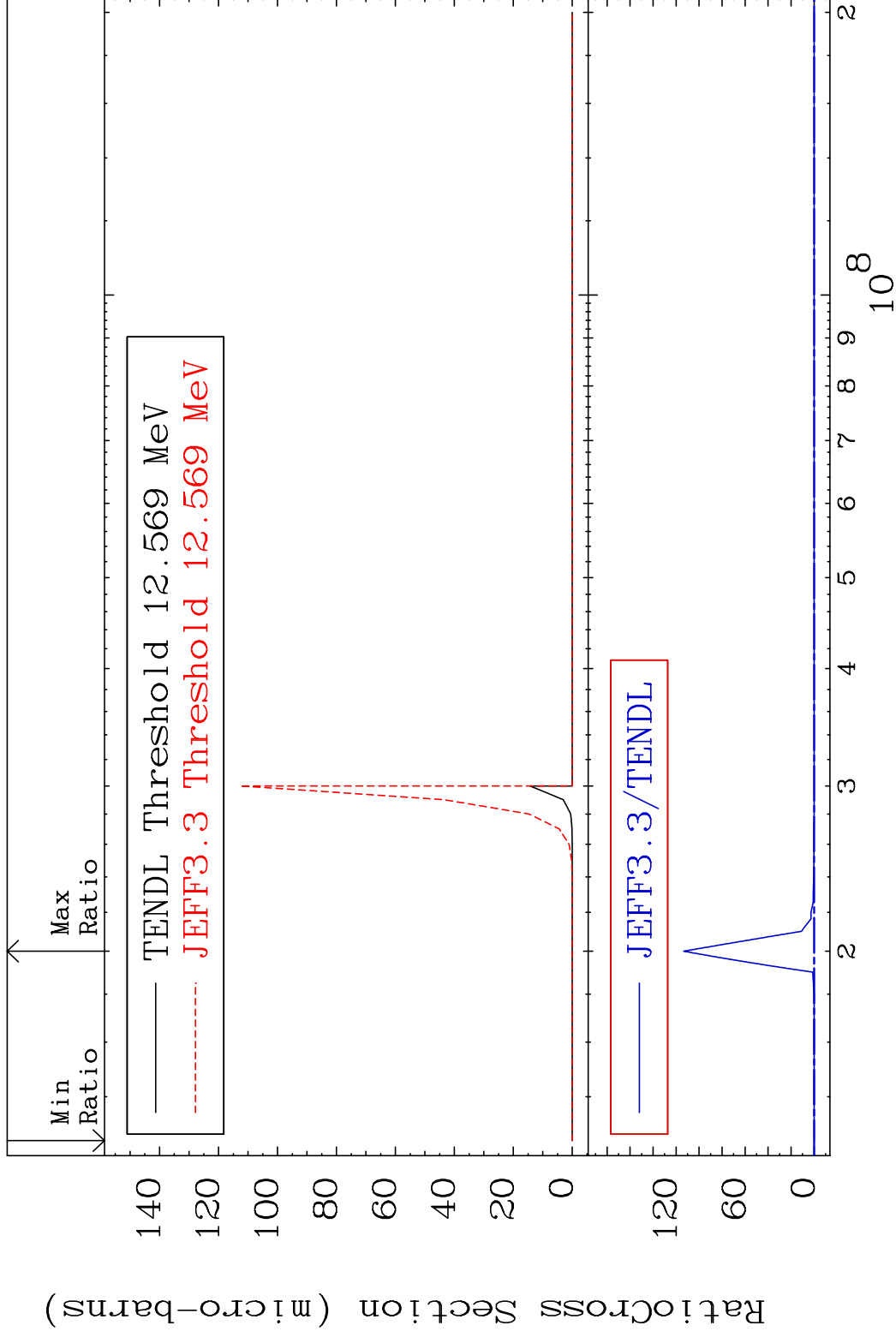


MAT 7843

(n,3n) α

78-Pt-196

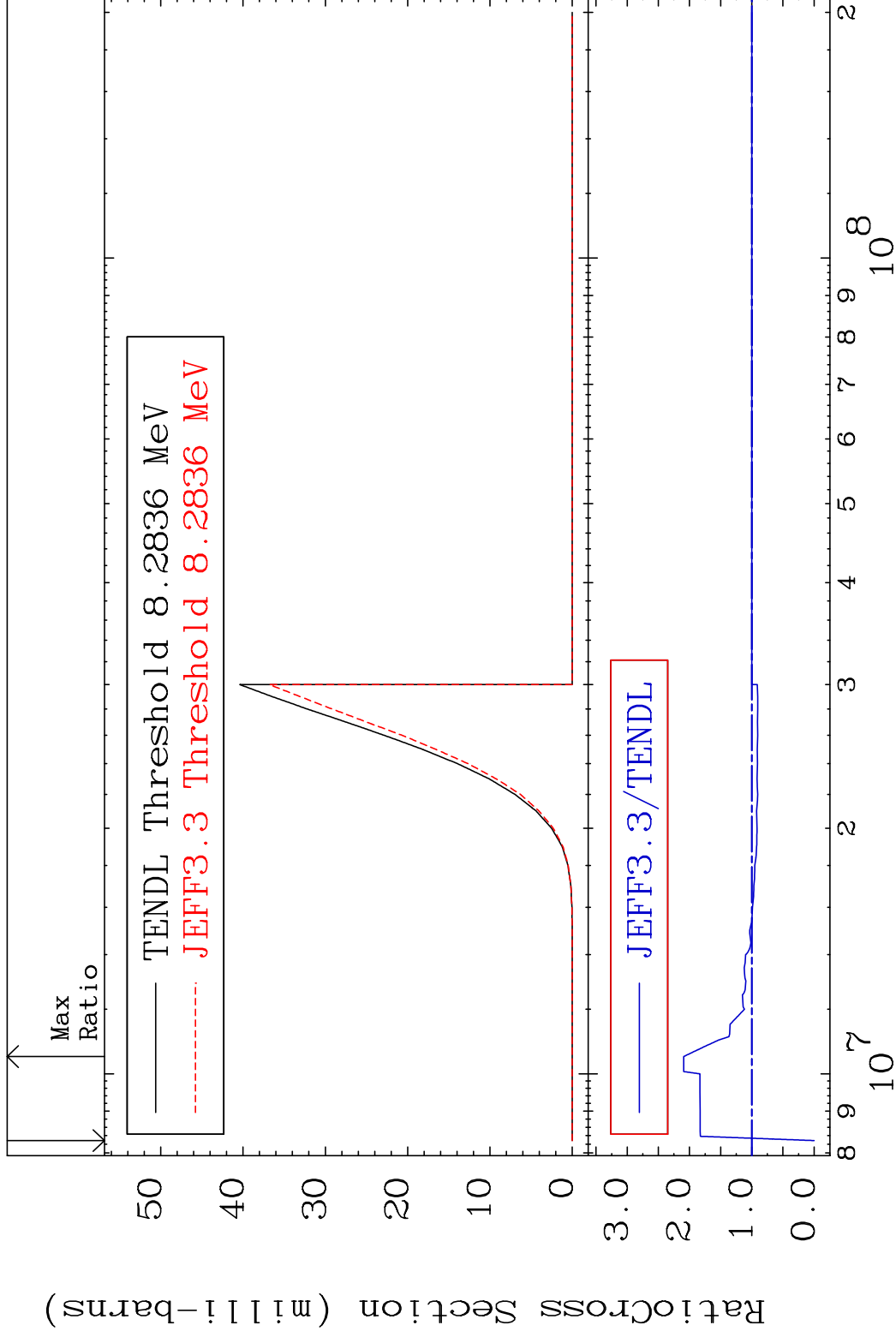
Cross Section -100.0 To 9999. %



MAT 7843

(n, n') p 78-Pt-196

Cross Section -100.0 To 109.4 %



10

Incident Energy (eV)

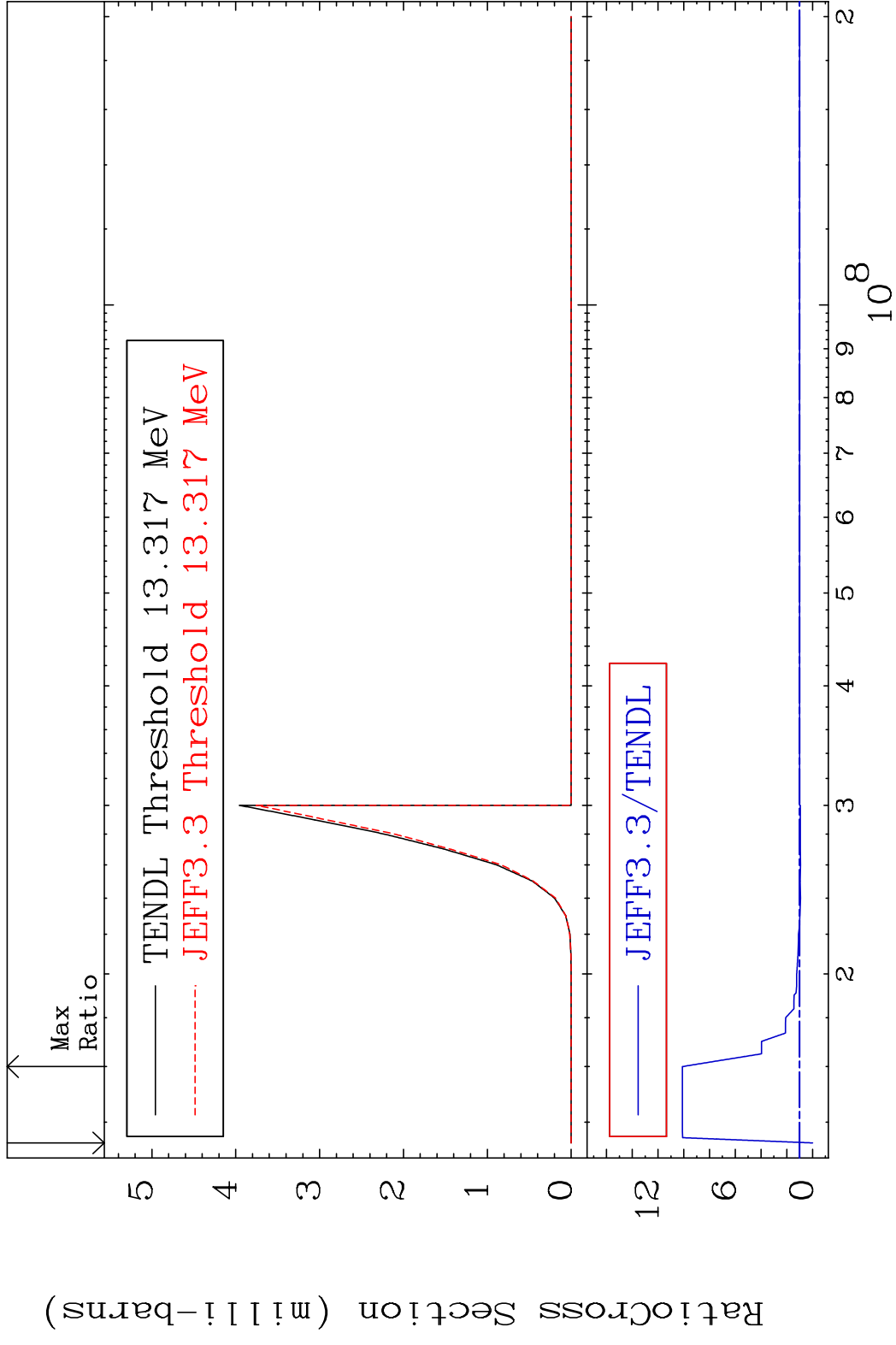
78-Pt-196

MAT 7843

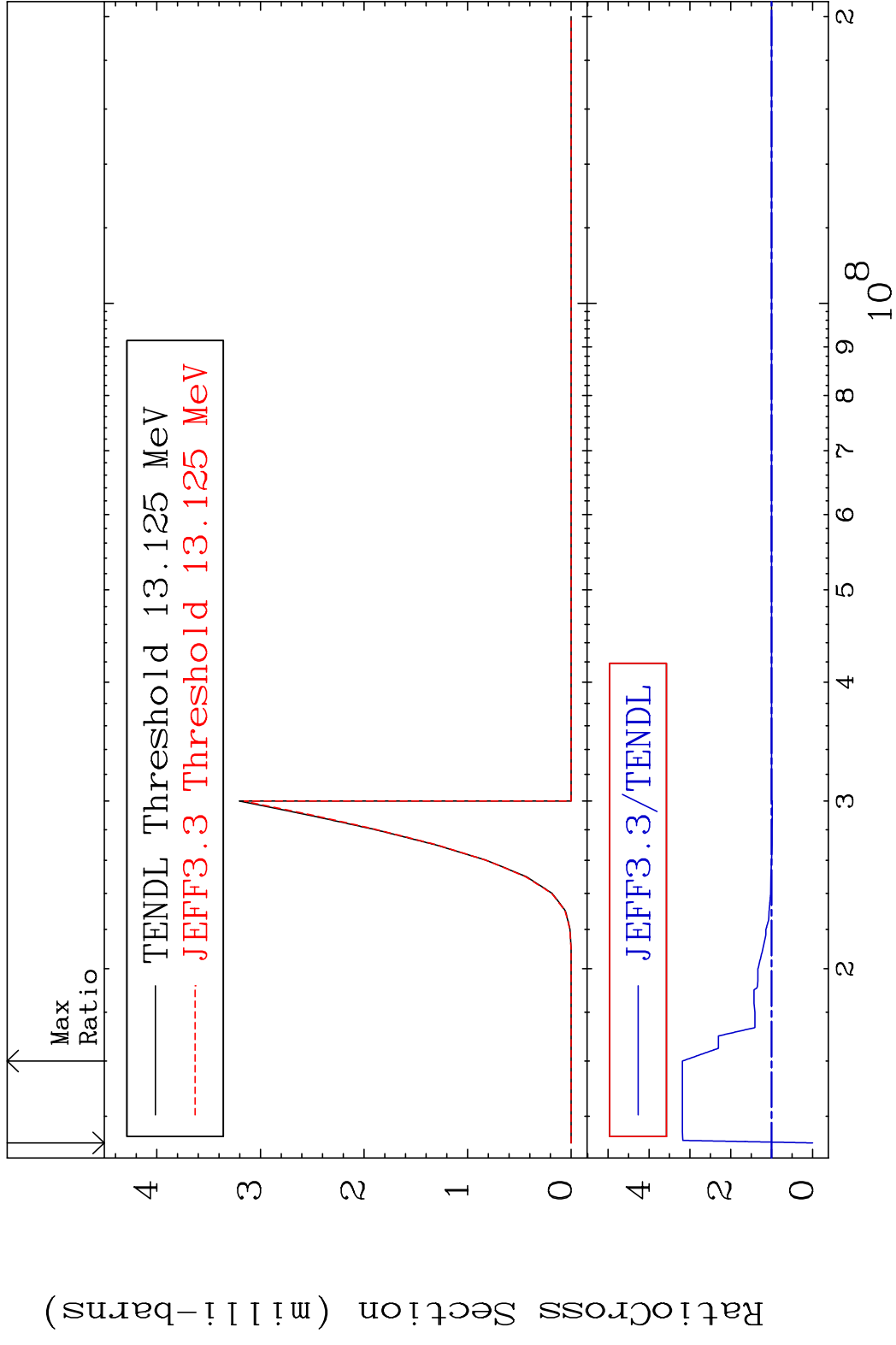
(n, n') d

78-Pt-196

Cross Section -100.0 To 911.0 %



MAT 7843 (n, n') t 78-Pt-196
 Cross Section -100.0 To 218.4 %

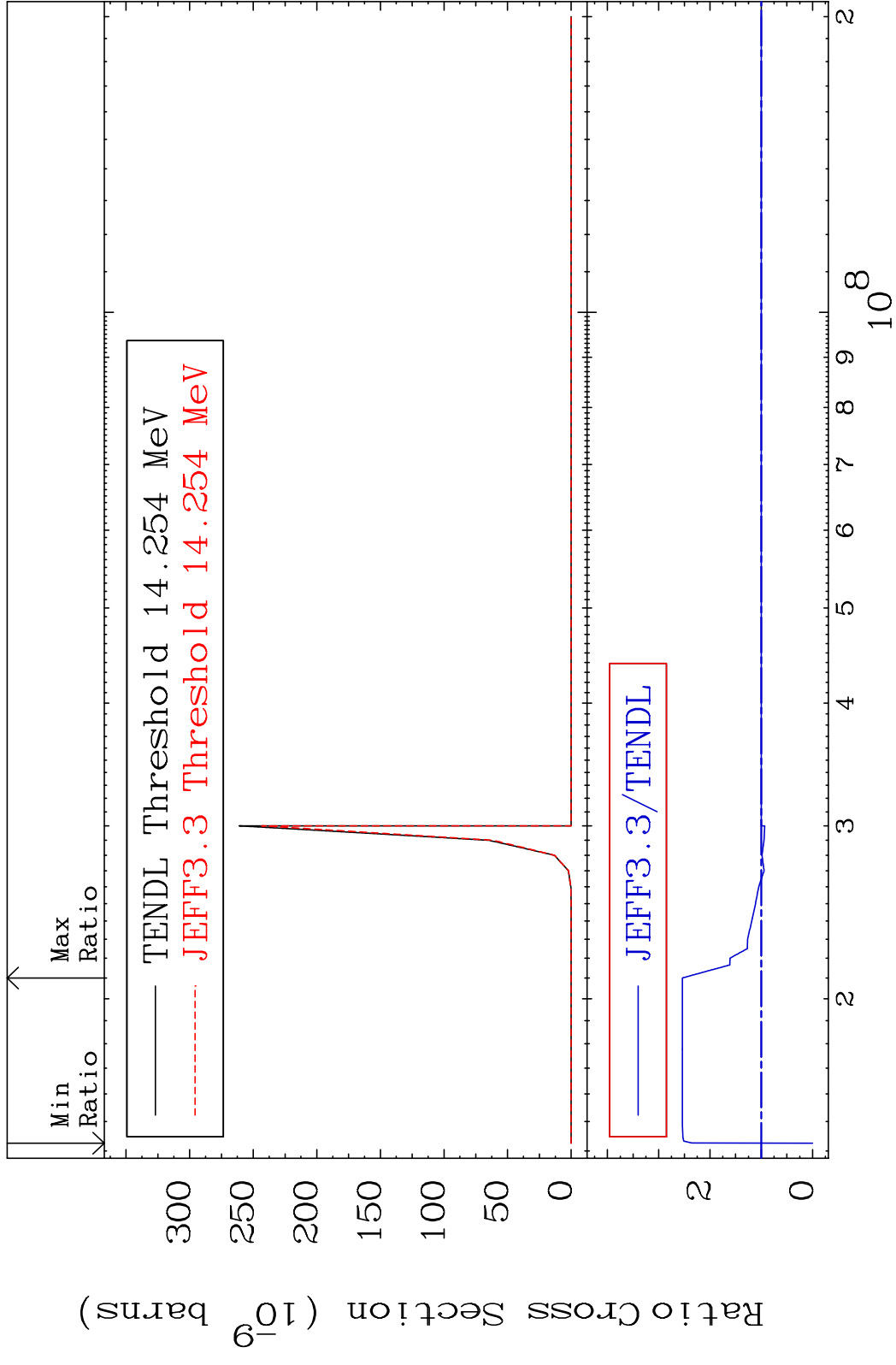


MAT 7843

(n,n') He-3

78-Pt-196

Cross Section -100.0 To 153.9 %

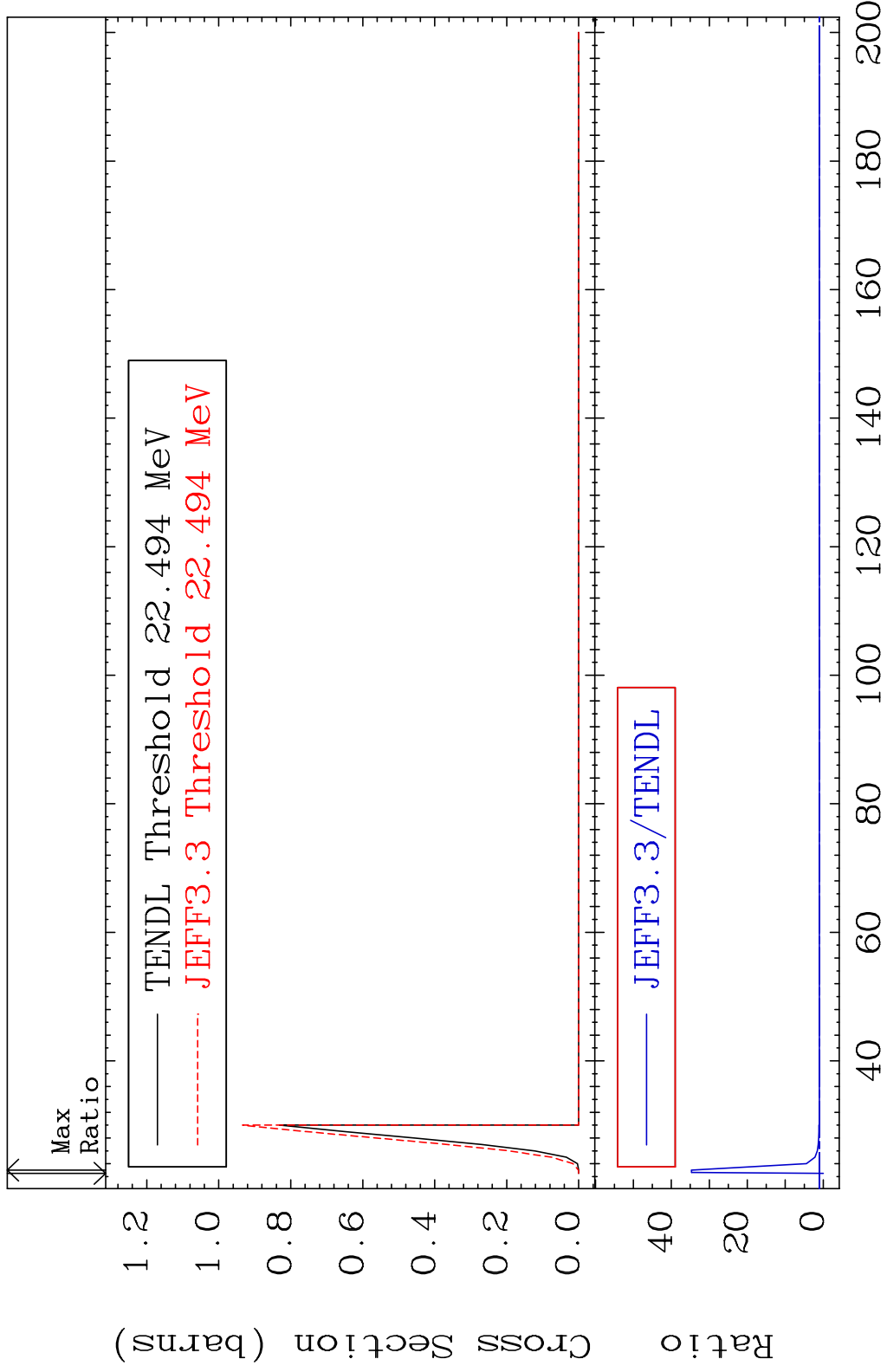


MAT 7843

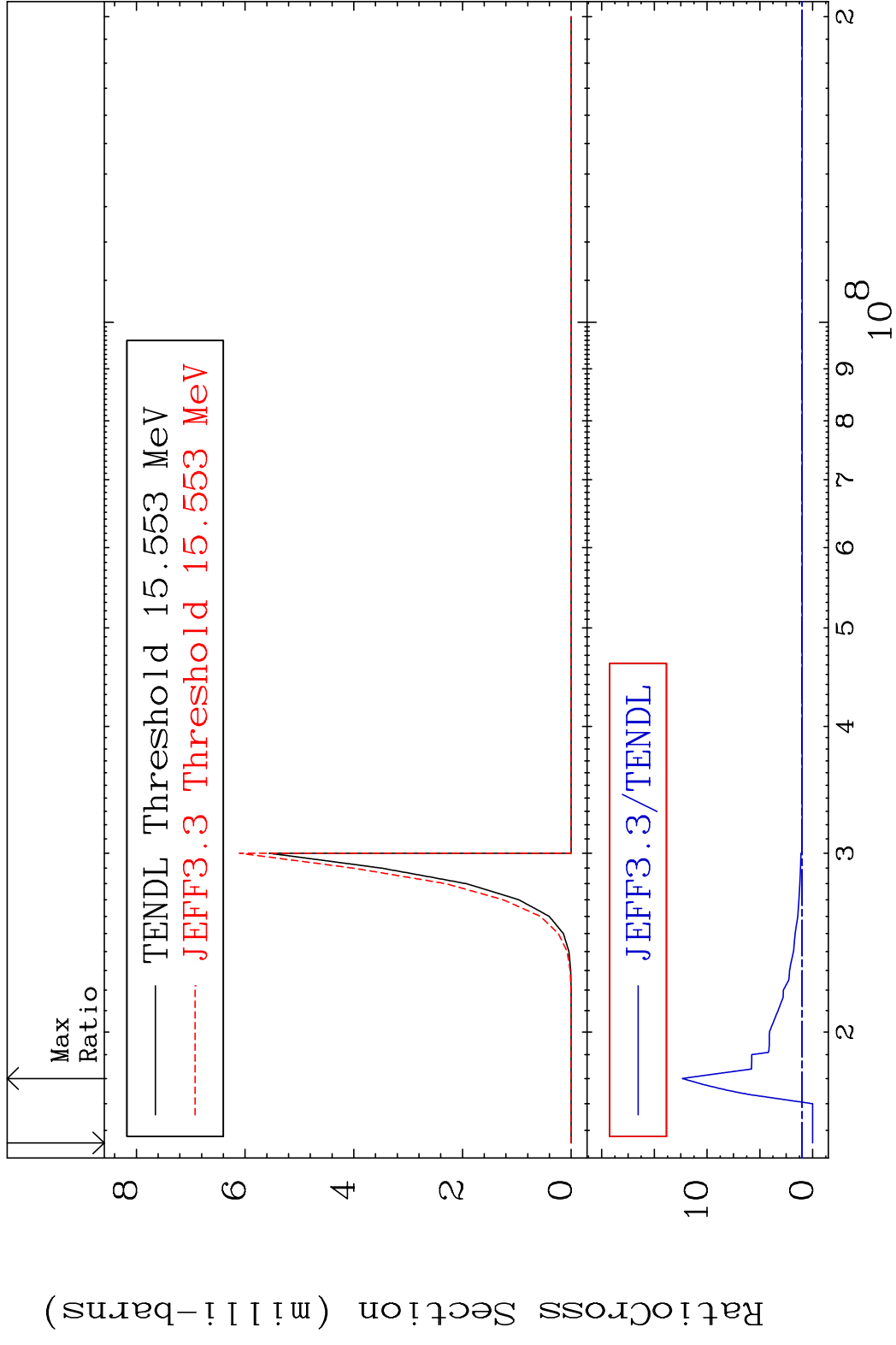
(n, 4n)

78-Pt-196

Cross Section -100.0 To 3373. %



MAT 7843 (n,2n) p 78-Pt-196
 Cross Section -100.0 To 1135. %

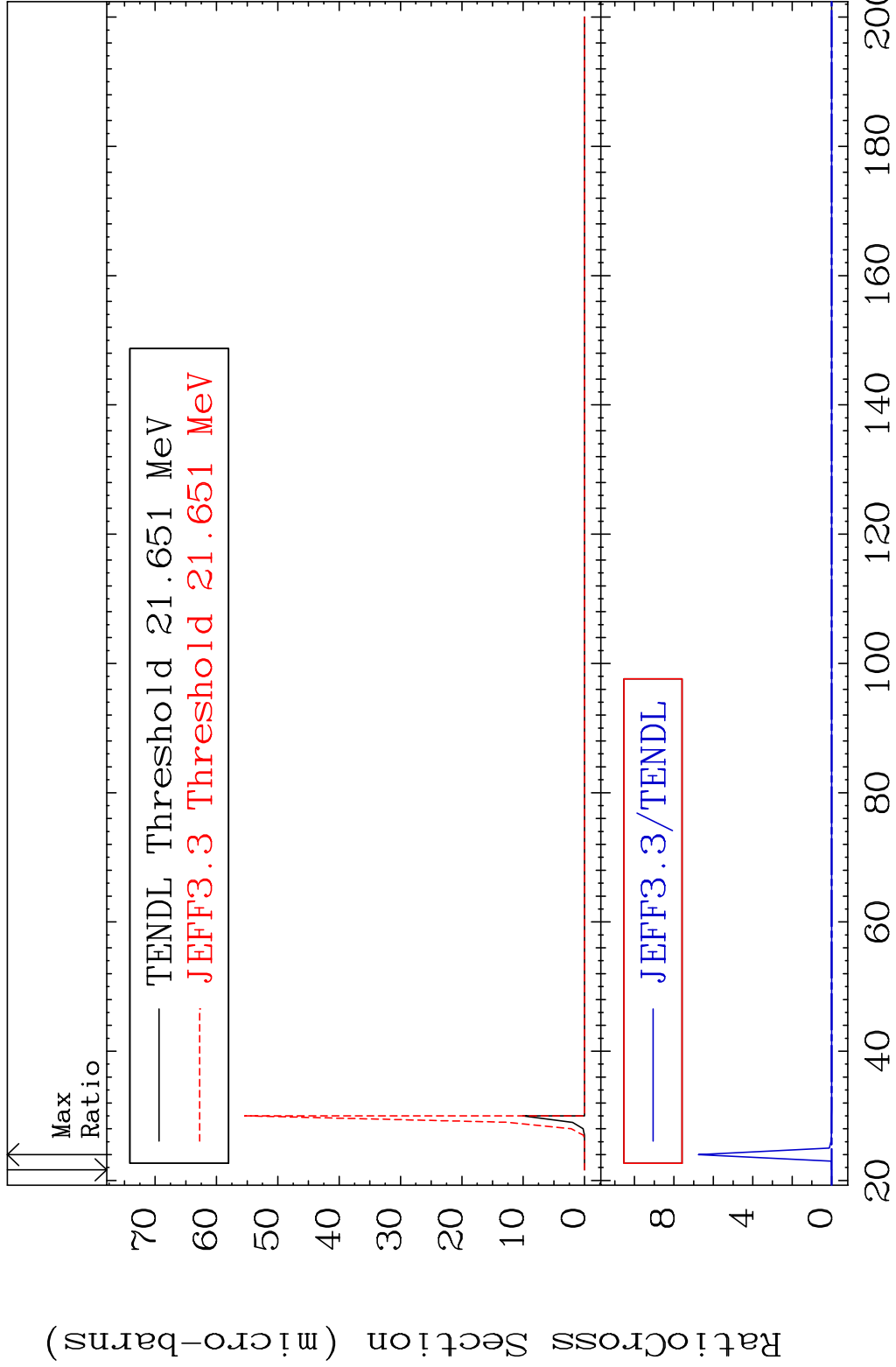


MAT 7843

(n,3n) p

78-Pt-196

Cross Section -100.0 To 9999. %

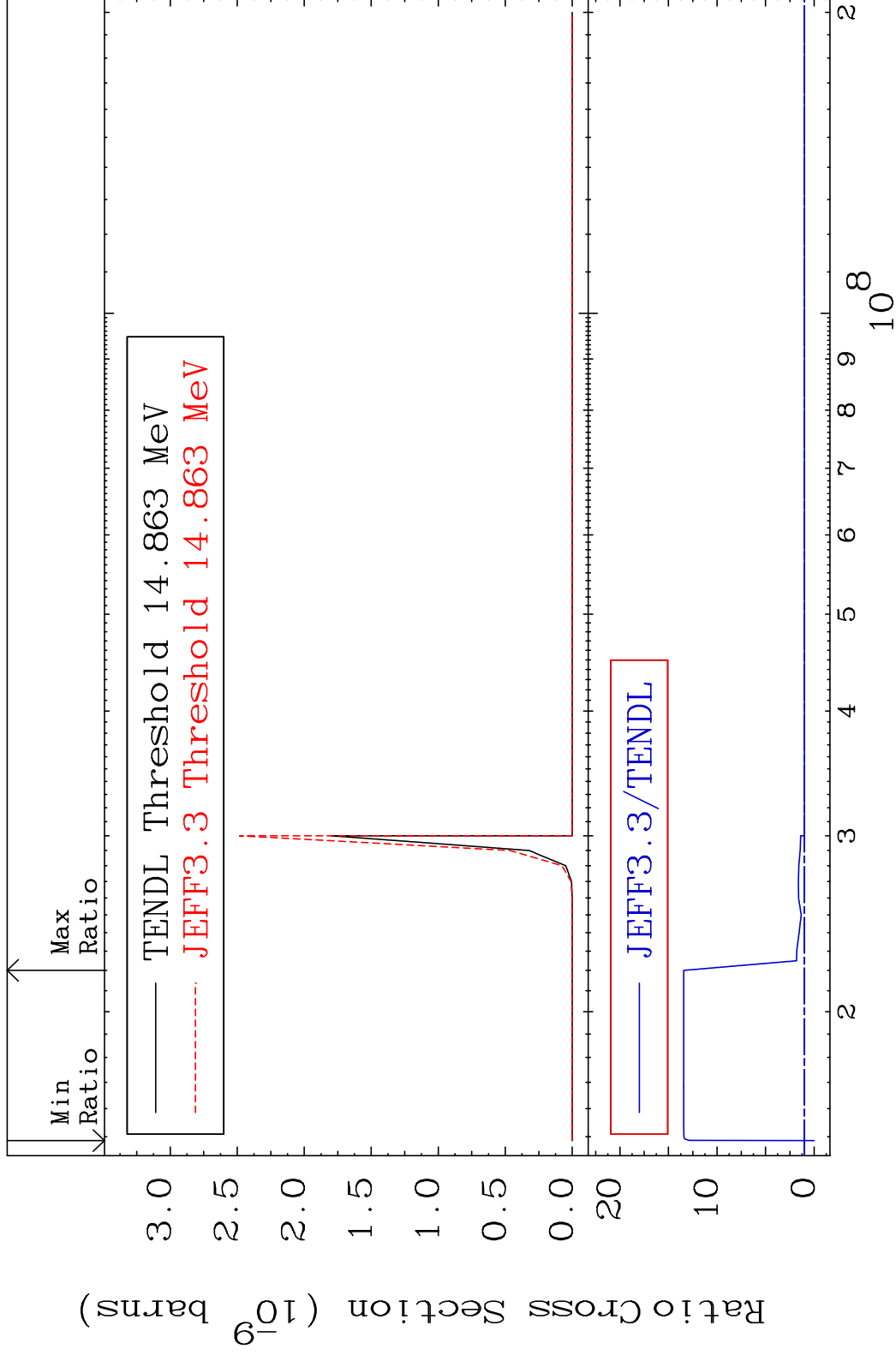


MAT 7843

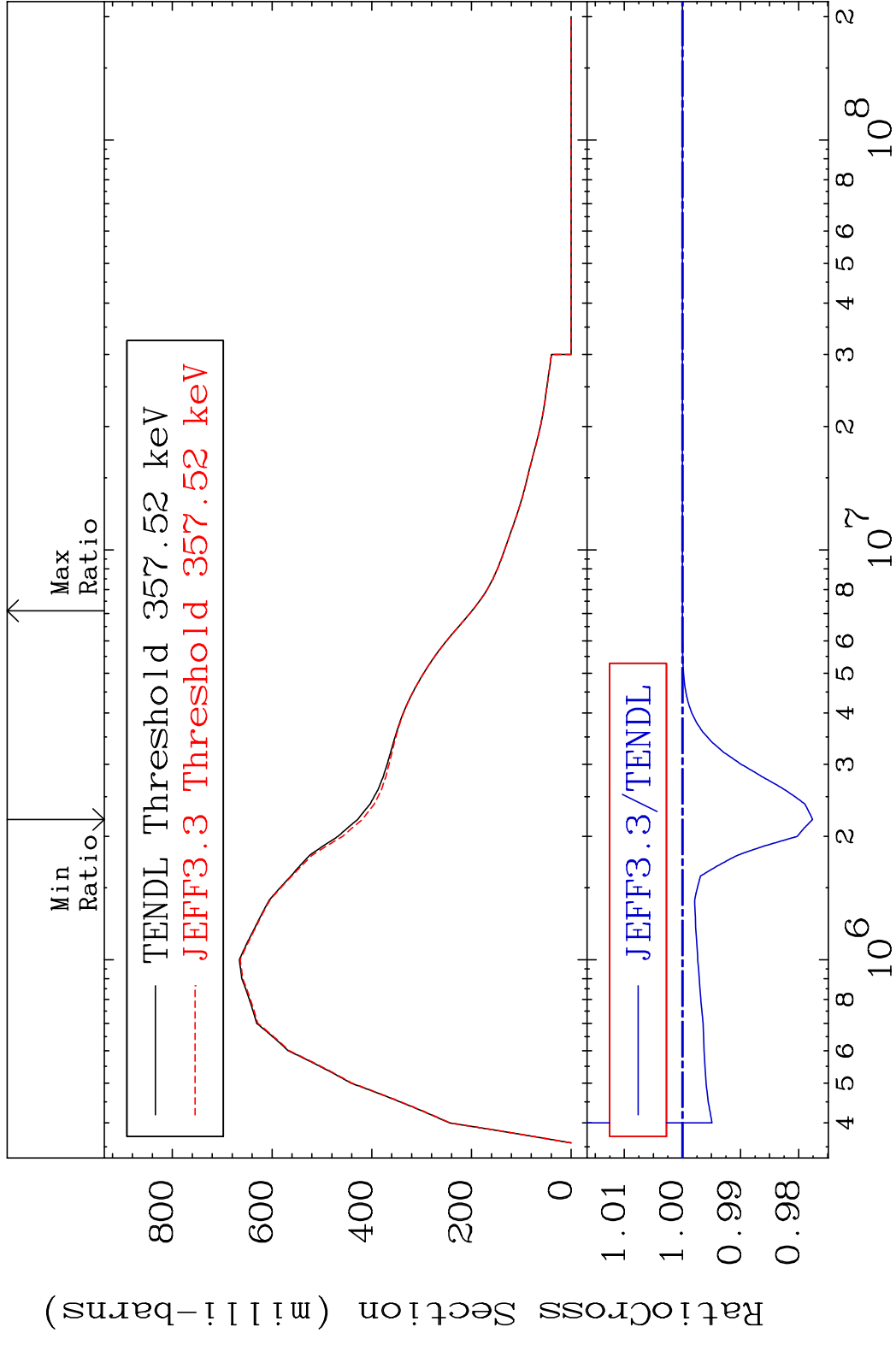
(n,2n) p

78-Pt-196

Cross Section -100.0 To 1244. %



MAT 7843 MT= 51 (n, n') Level 78-Pt-196
 Cross Section -2.240 To 0.000 %

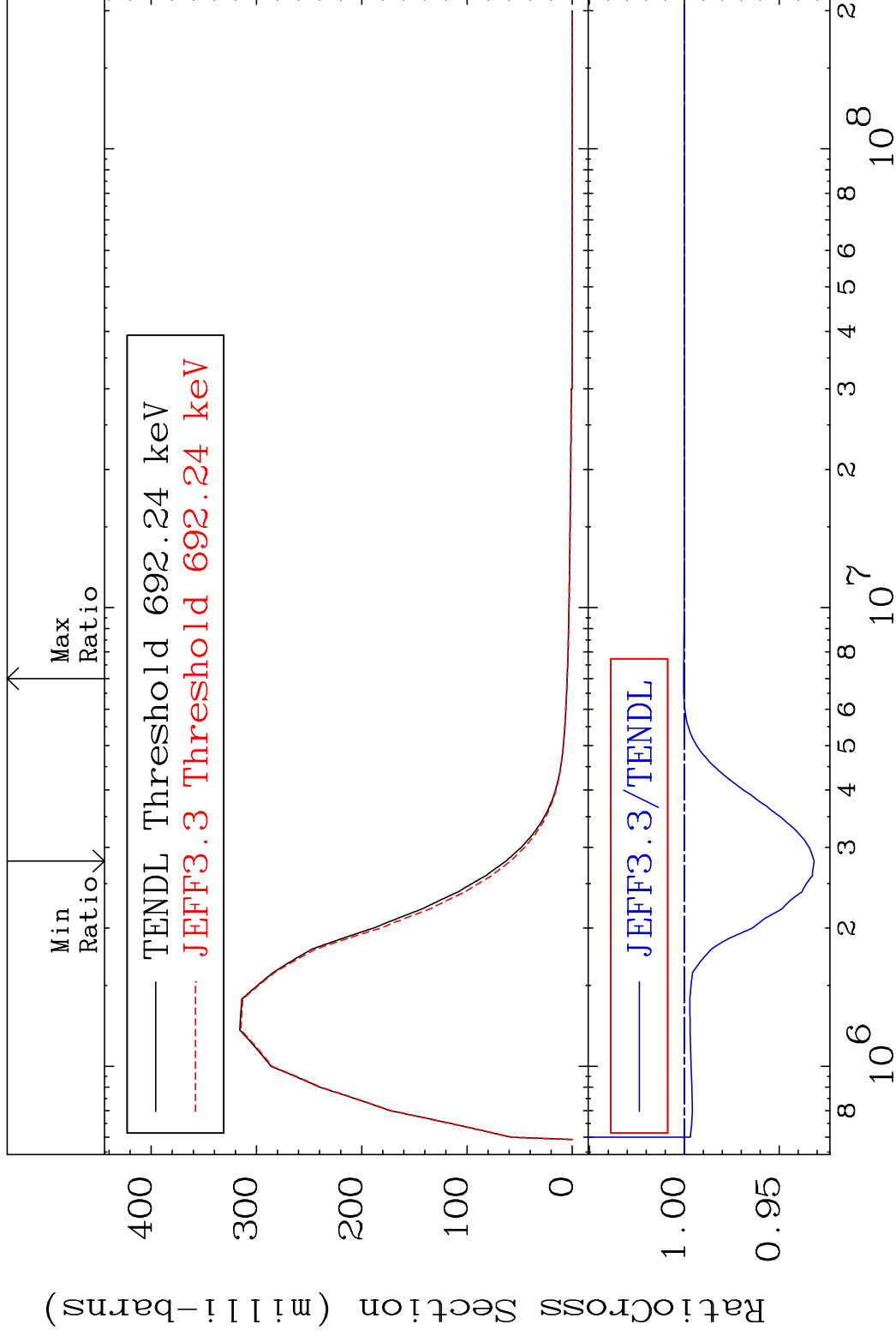


MAT 7843

MT= 52 (n, n') Level

78-Pt-196

Cross Section -6.840 To 0.033 %



19

Incident Energy (eV)

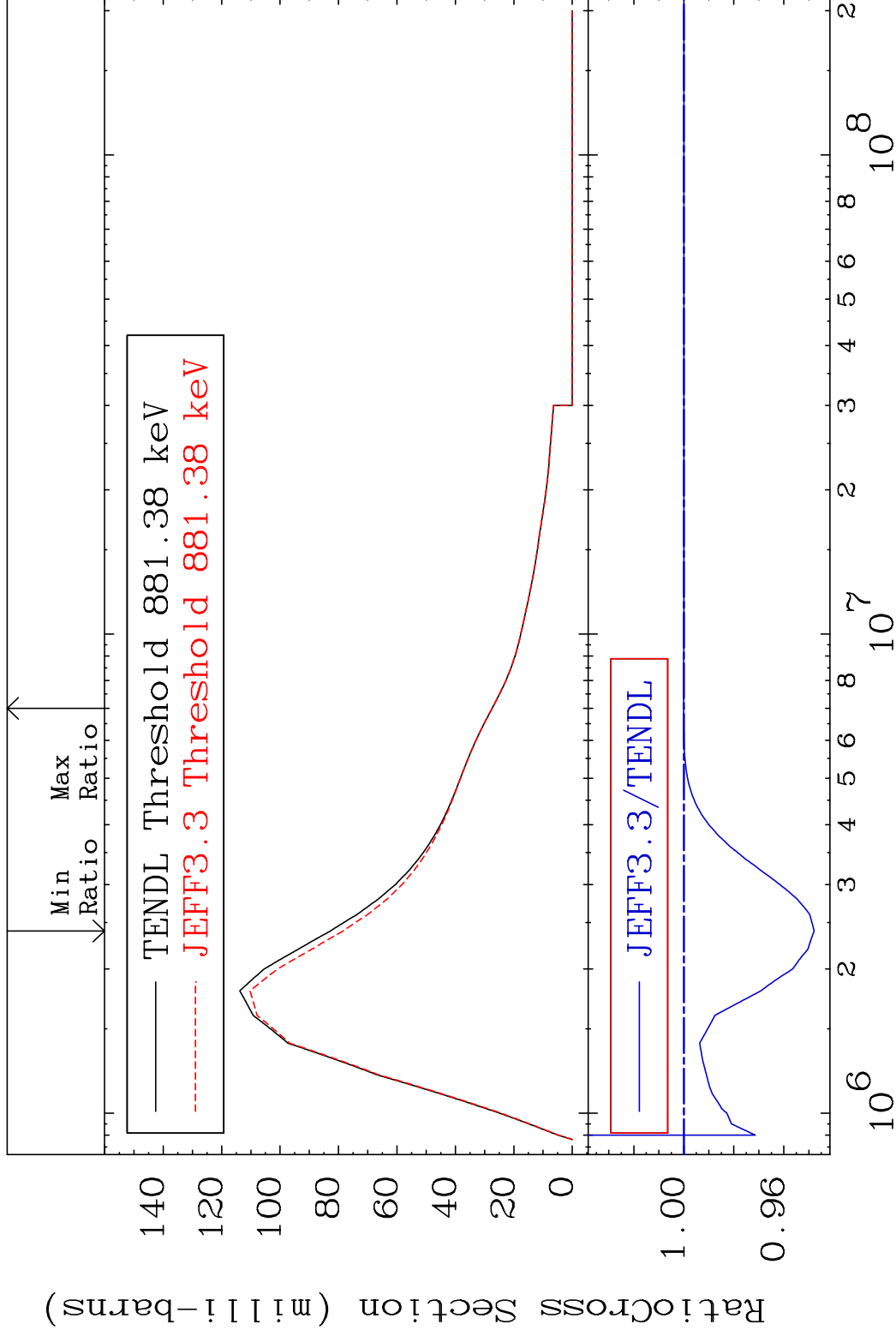
78-Pt-196

MAT 7843

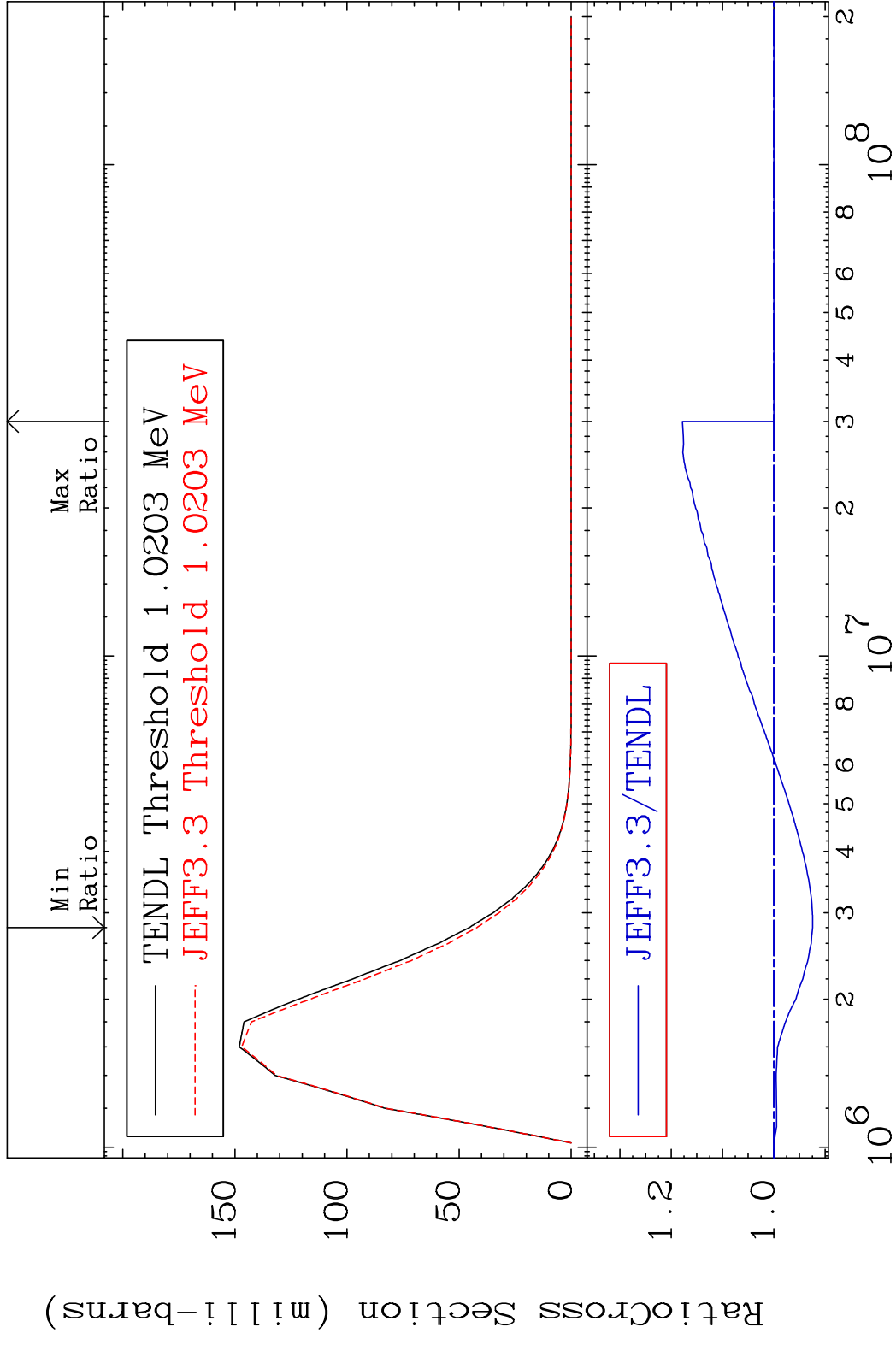
MT= 53 (n, n') Level

78-Pt-196

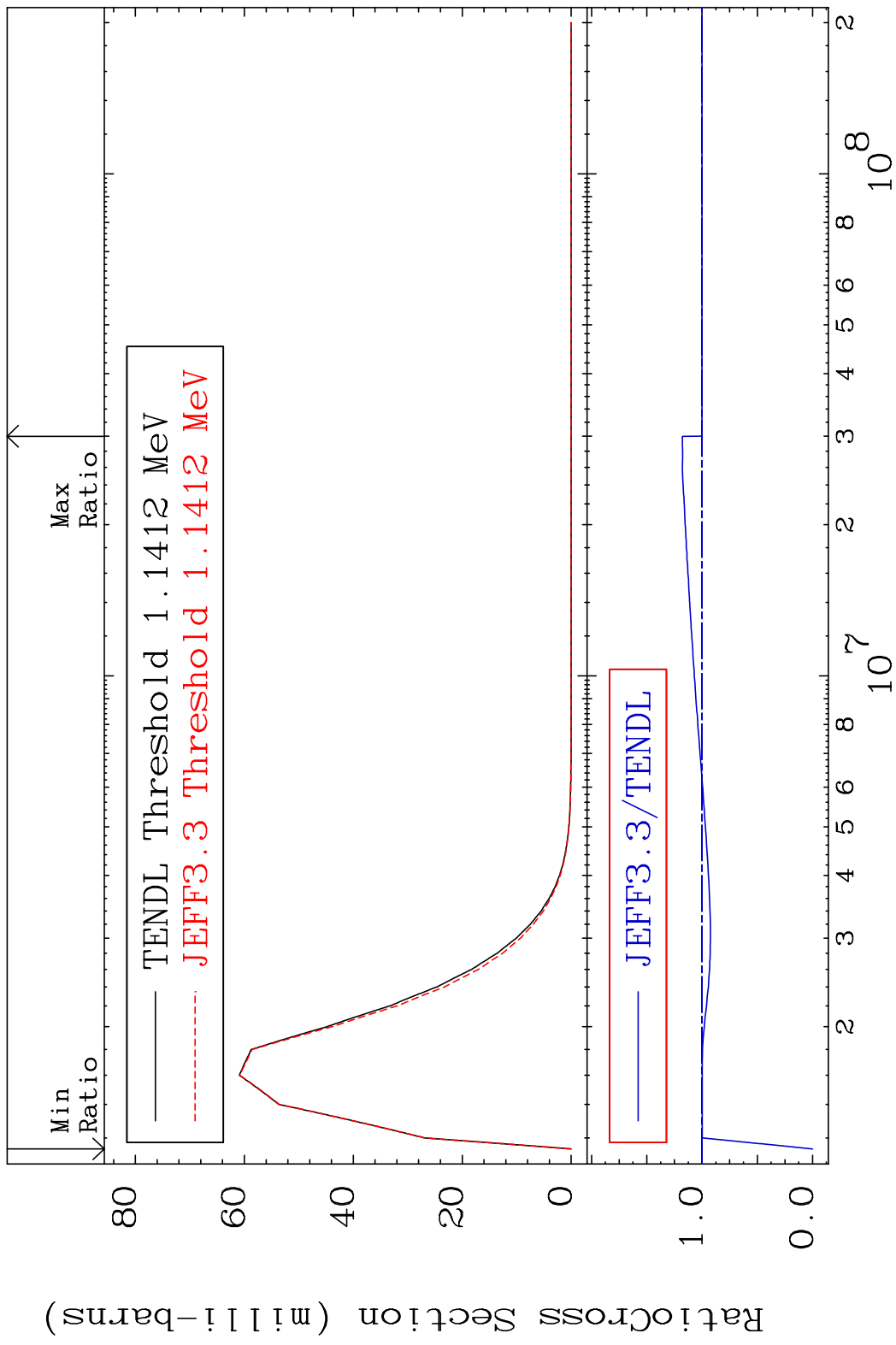
Cross Section -5.211 To 0.007 %



MAT 7843 MT= 54 (n, n') Level 78-Pt-196
 Cross Section -7.551 To 17.83 %



MAT 7843 MT= 55 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 17.84 %

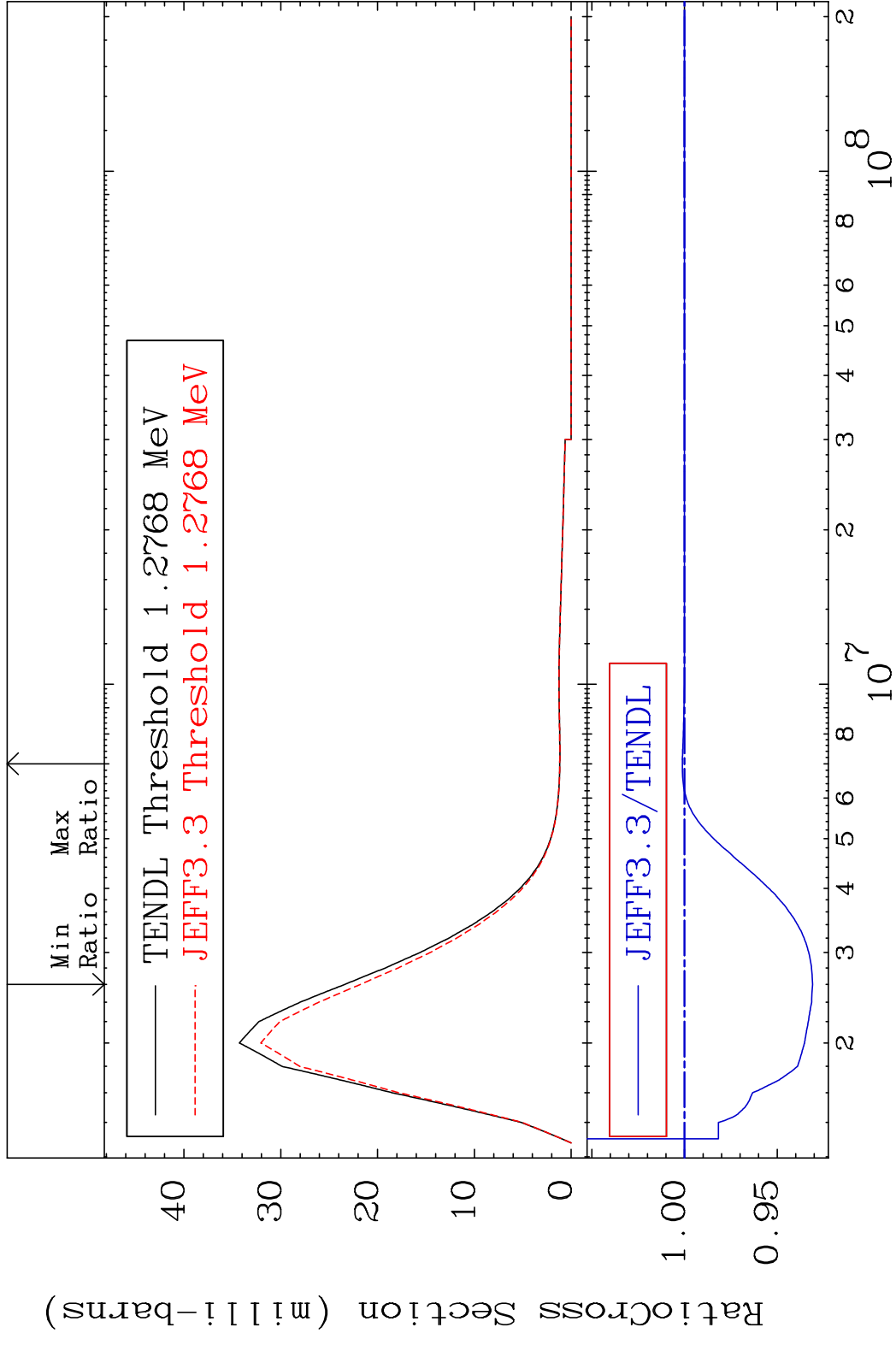


MAT 7843

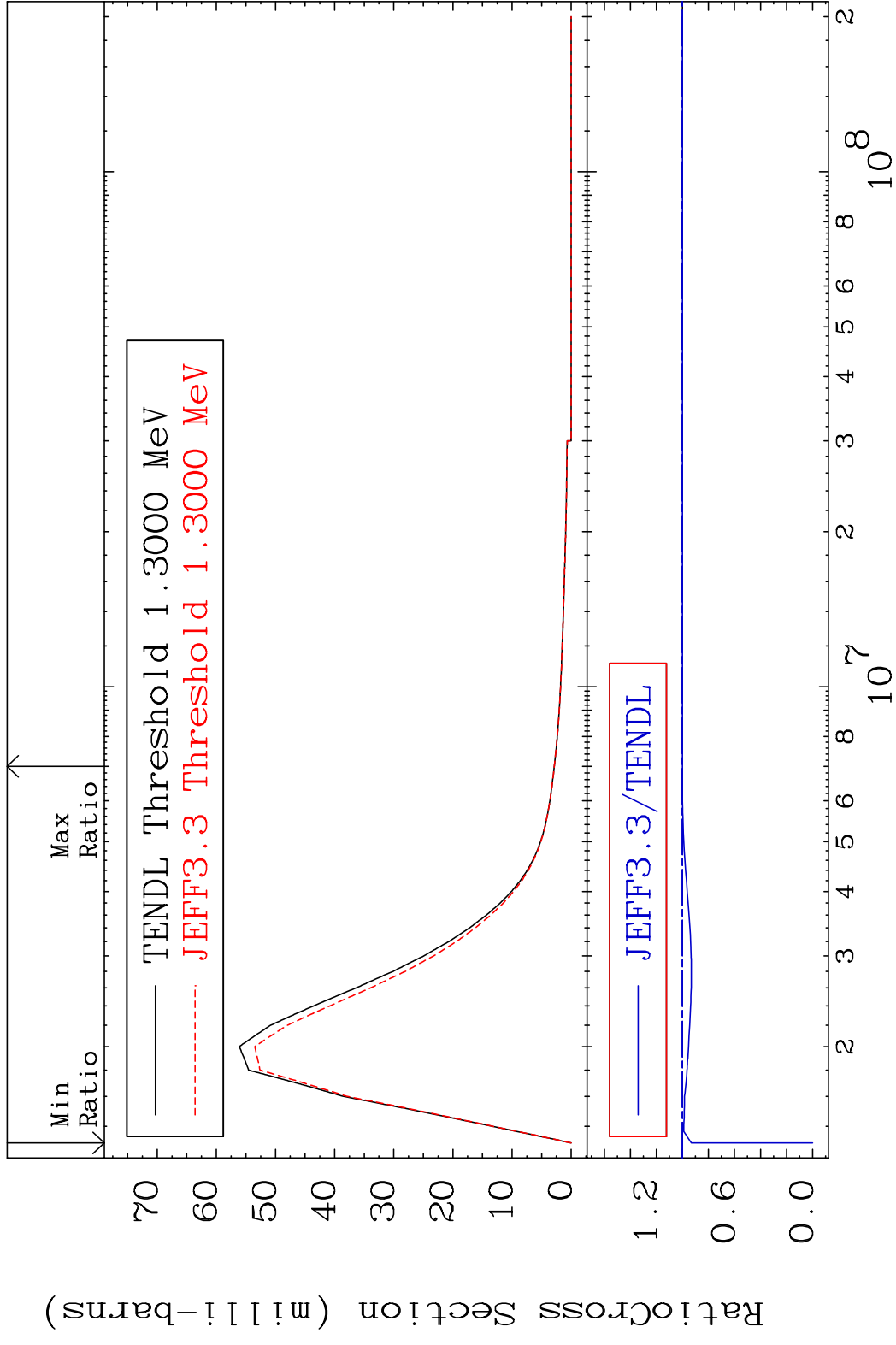
MT= 56 (n, n') Level

78-Pt-196

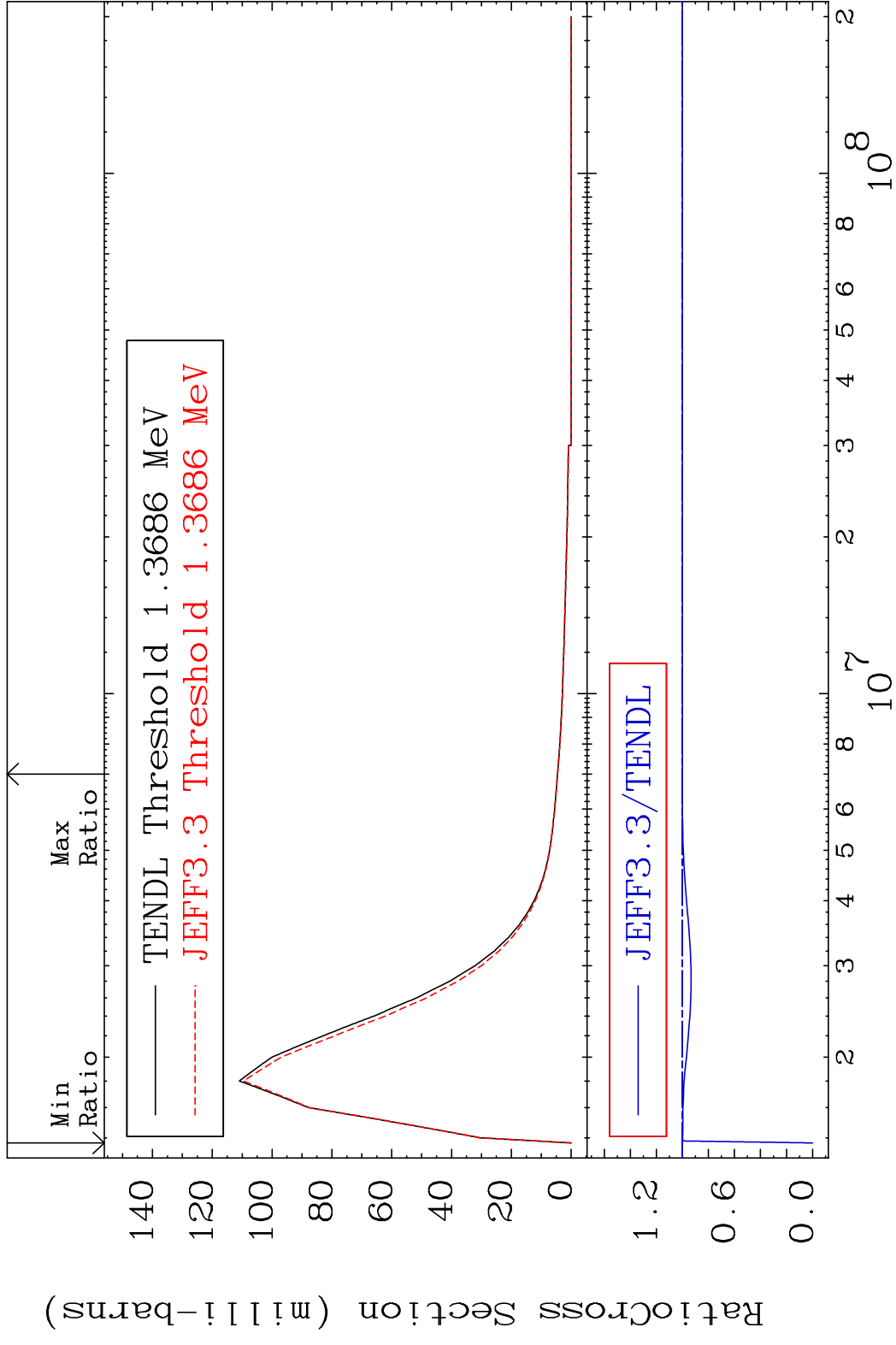
Cross Section -6.907 To 0.116 %



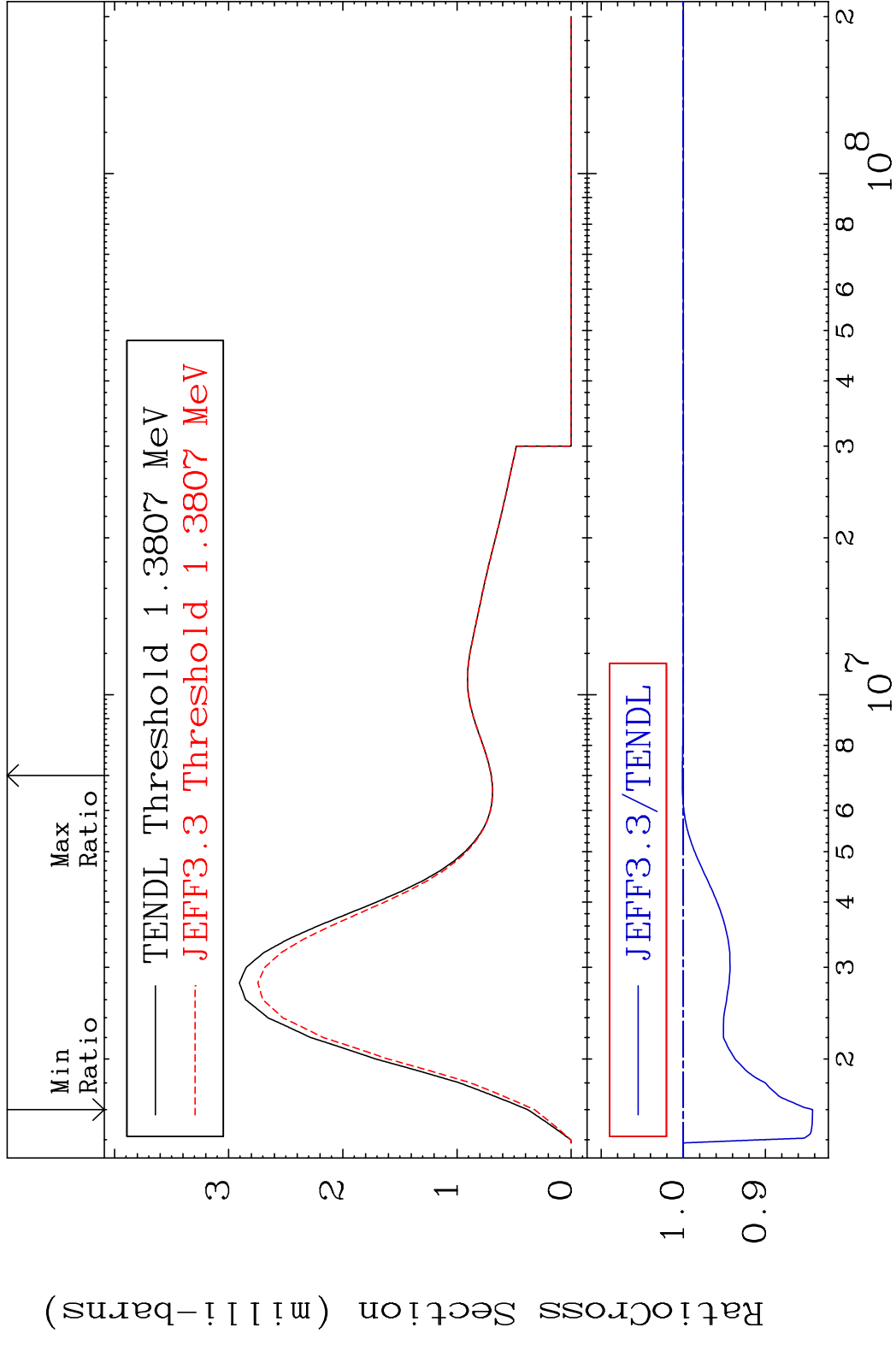
MAT 7843 MT= 57 (n,n') Level 78-Pt-196
 Cross Section -100.0 To 0.063 %



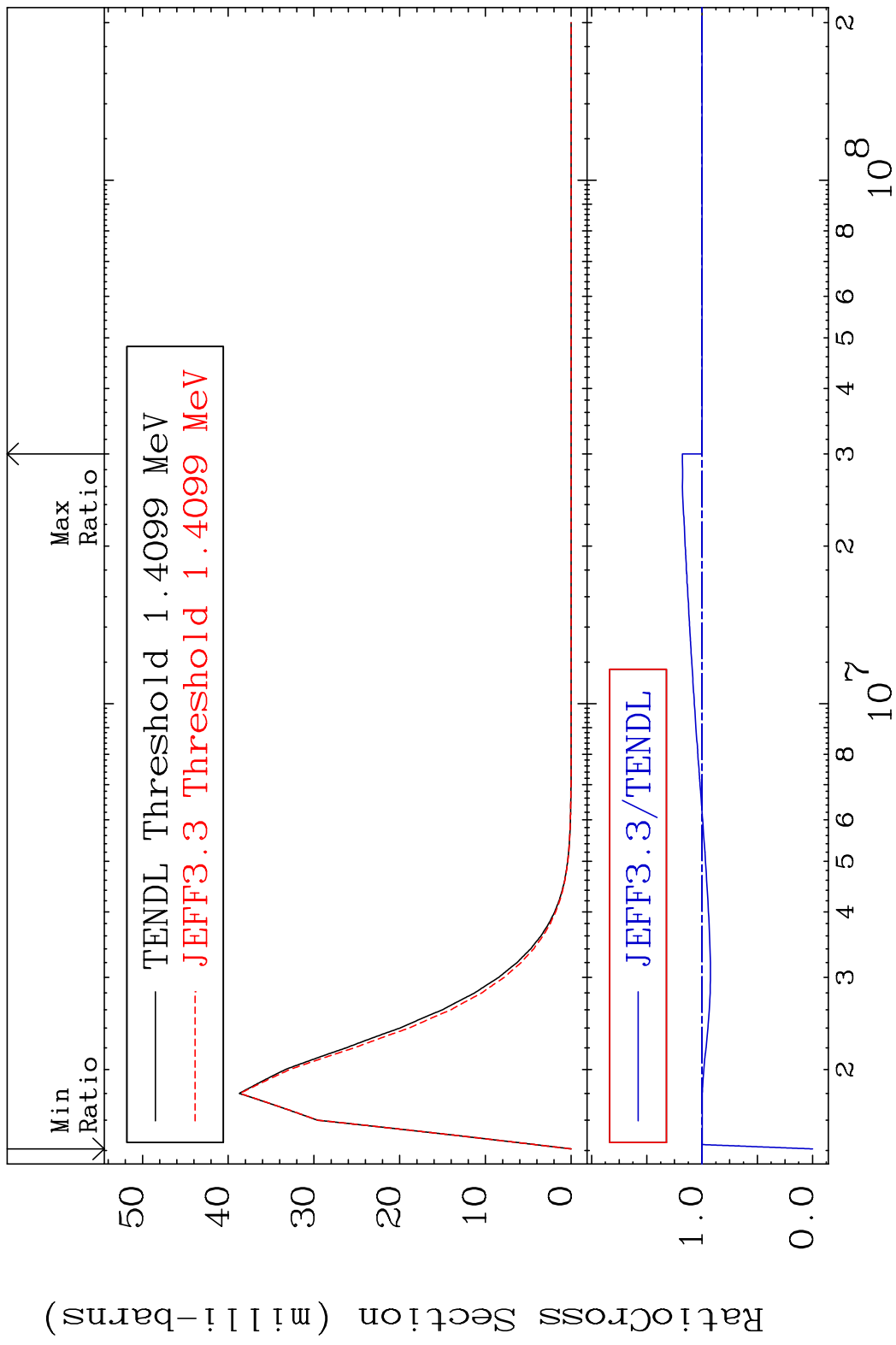
MAT 7843 MT= 58 (n,n') Level 78-Pt-196
 Cross Section -100.0 To 0.033 %



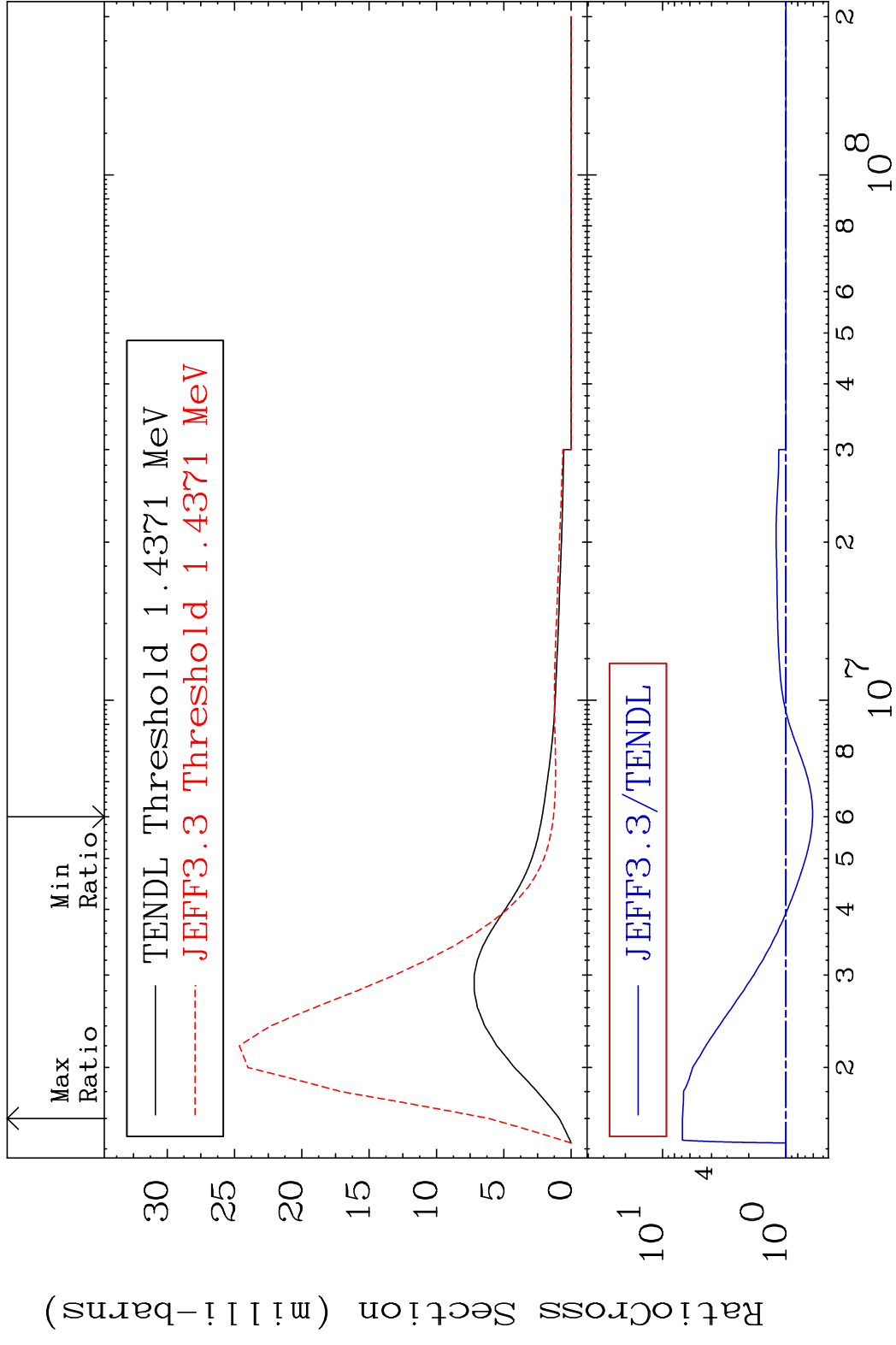
MAT 7843 MT= 59 (n, n') Level 78-Pt-196
 Cross Section -15.75 To 0.109 %



MAT 7843 MT= 60 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 17.84 %



MAT 7843 MT= 61 (n, n') Level 78-Pt-196
 Cross Section -39.16 To 590.5 %

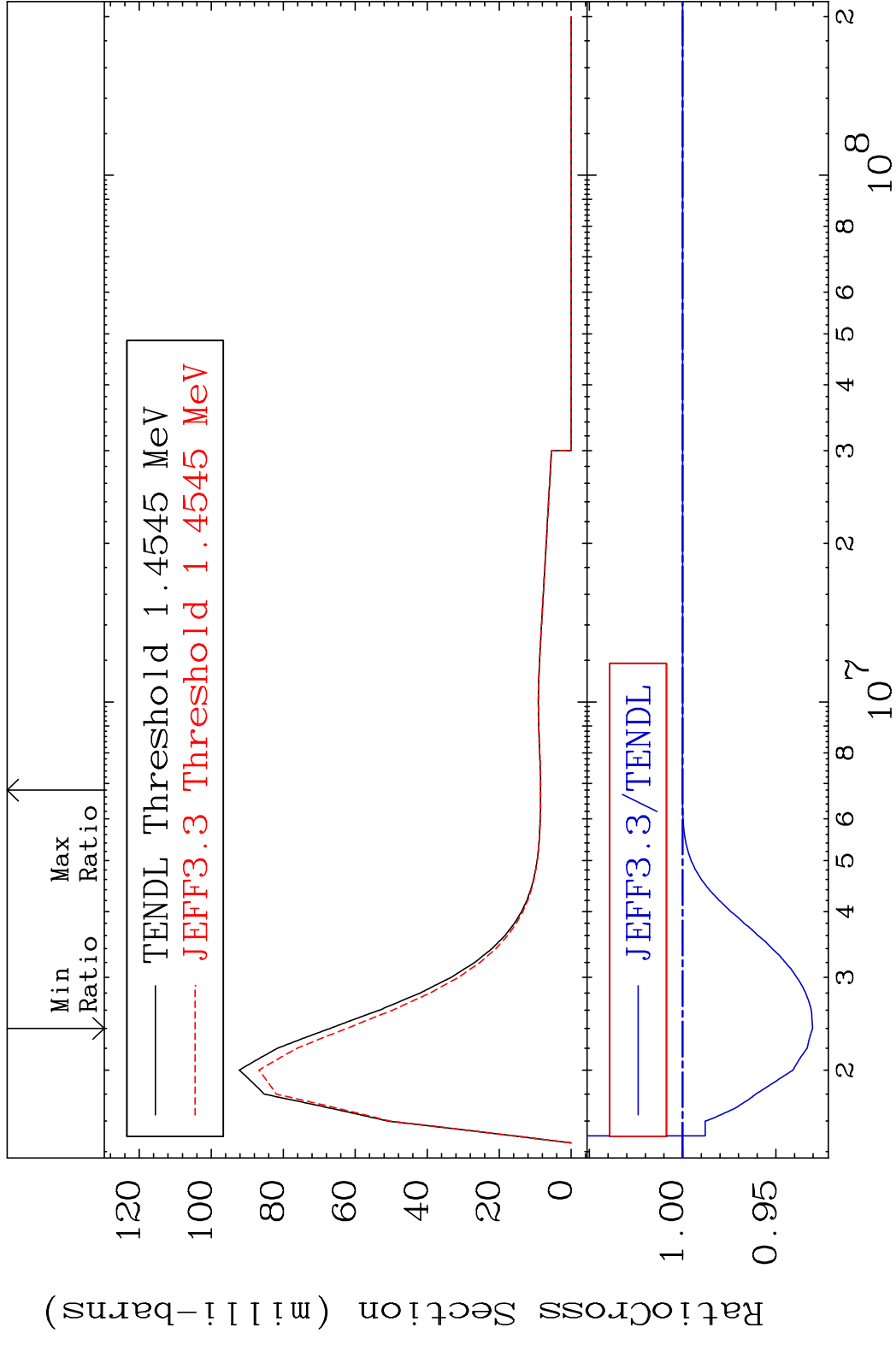


MAT 7843

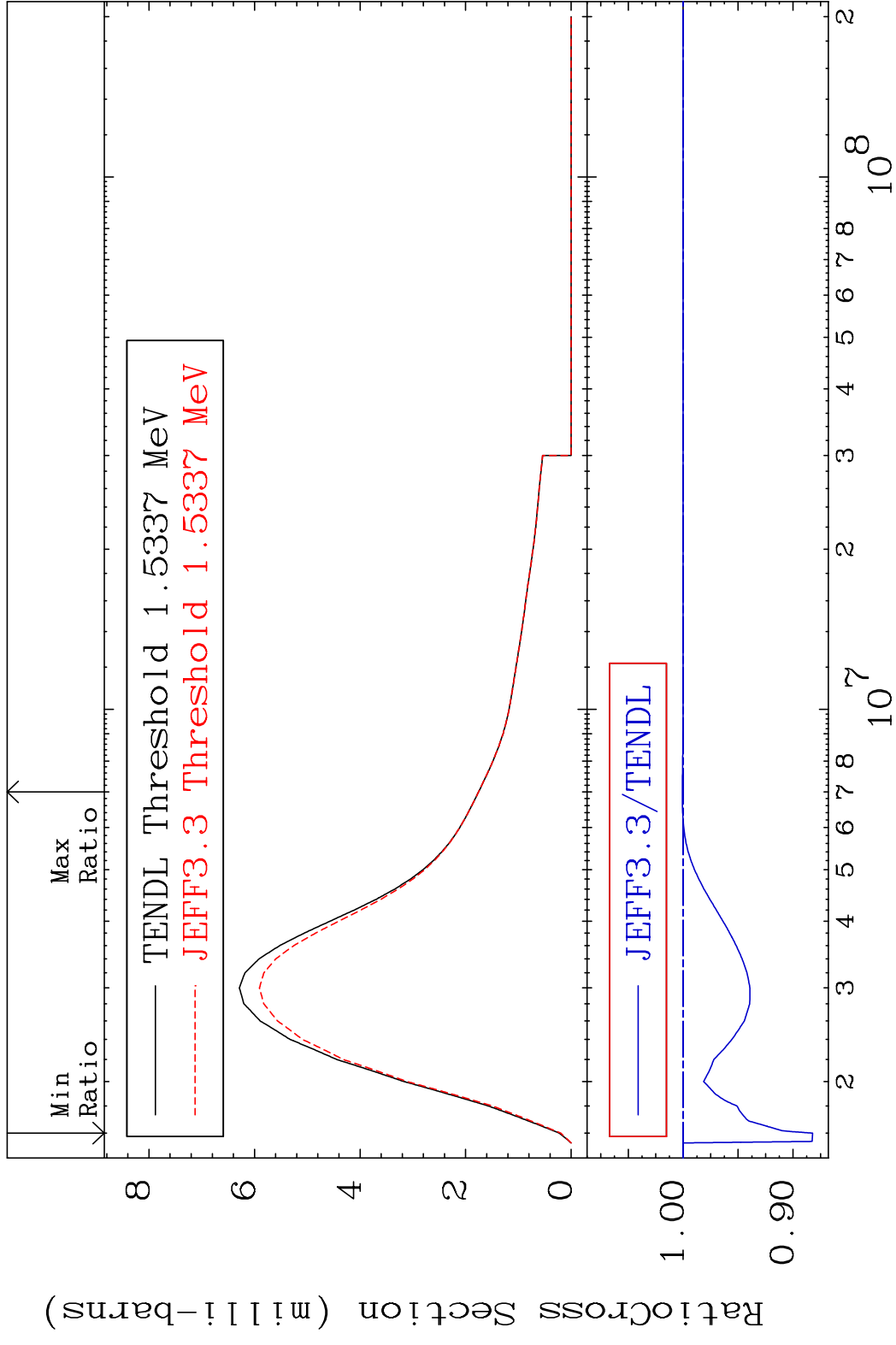
MT= 62 (n, n') Level

78-Pt-196

Cross Section -6.967 To 0.017 %

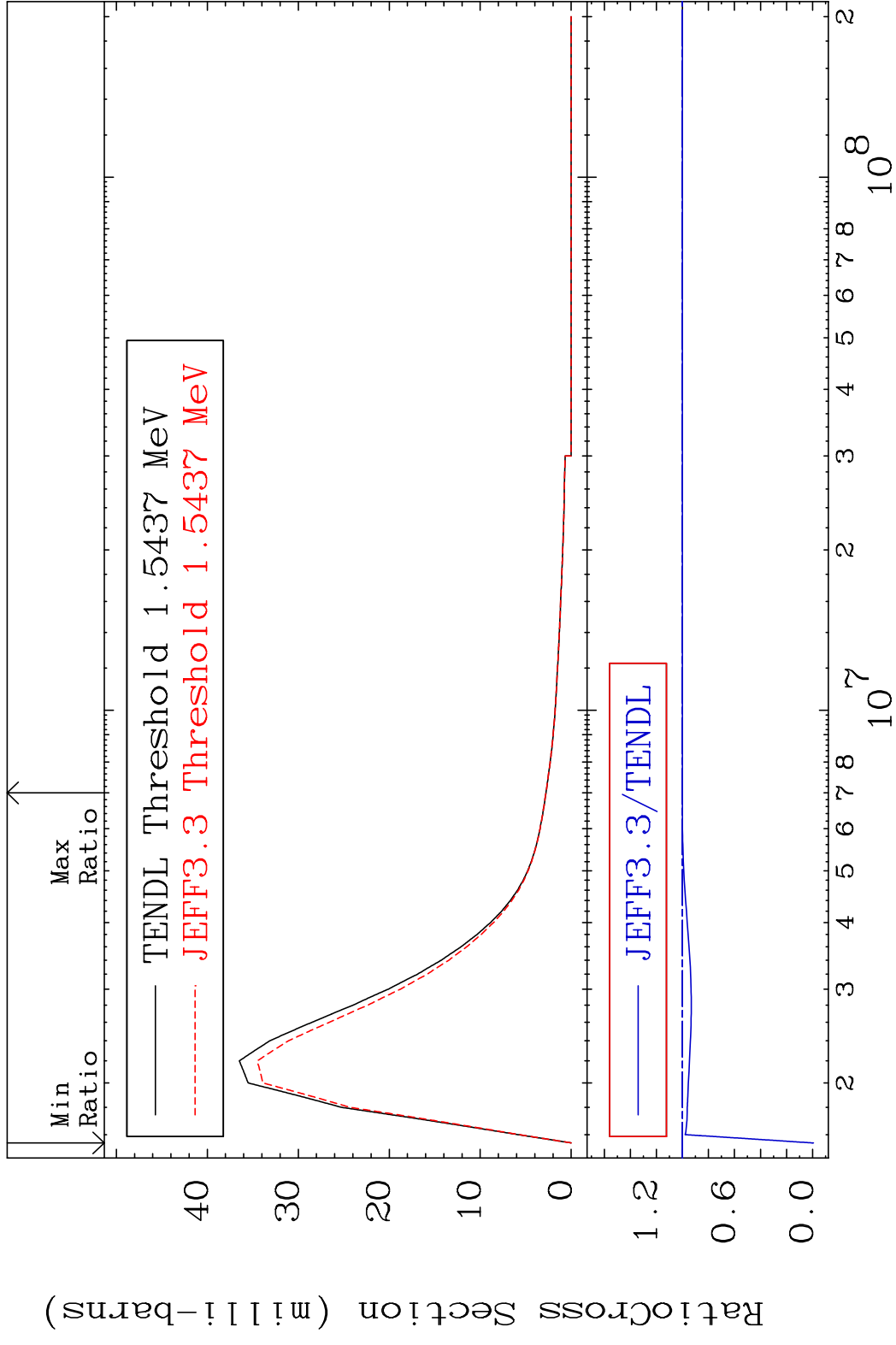


MAT 7843 MT= 63 (n,n') Level 78-Pt-196
 Cross Section -11.78 To 0.075 %



30 Incident Energy (eV) 78-Pt-196

MAT 7843 MT= 64 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 0.063 %

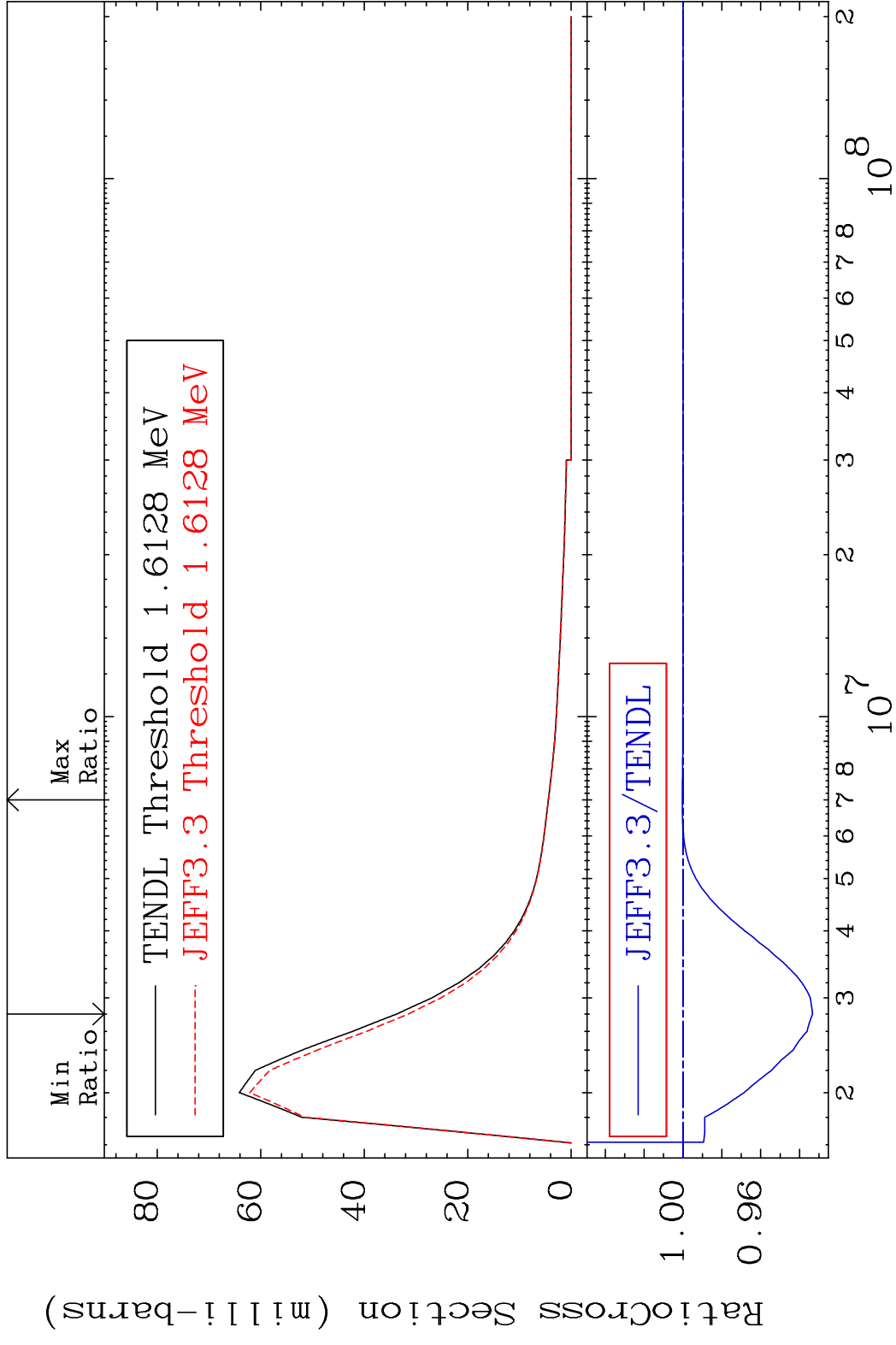


MAT 7843

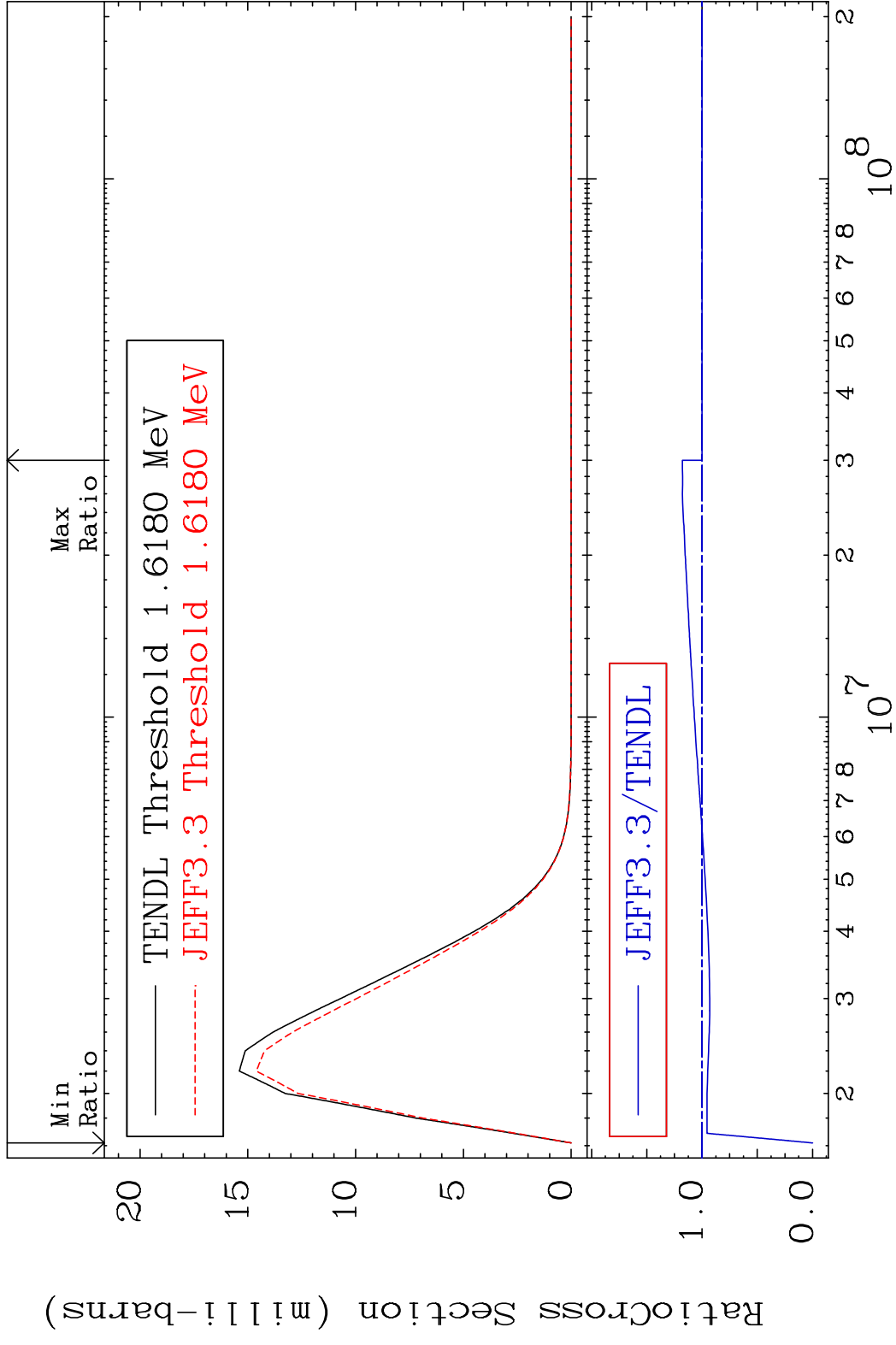
MT= 65 (n,n') Level

78-Pt-196

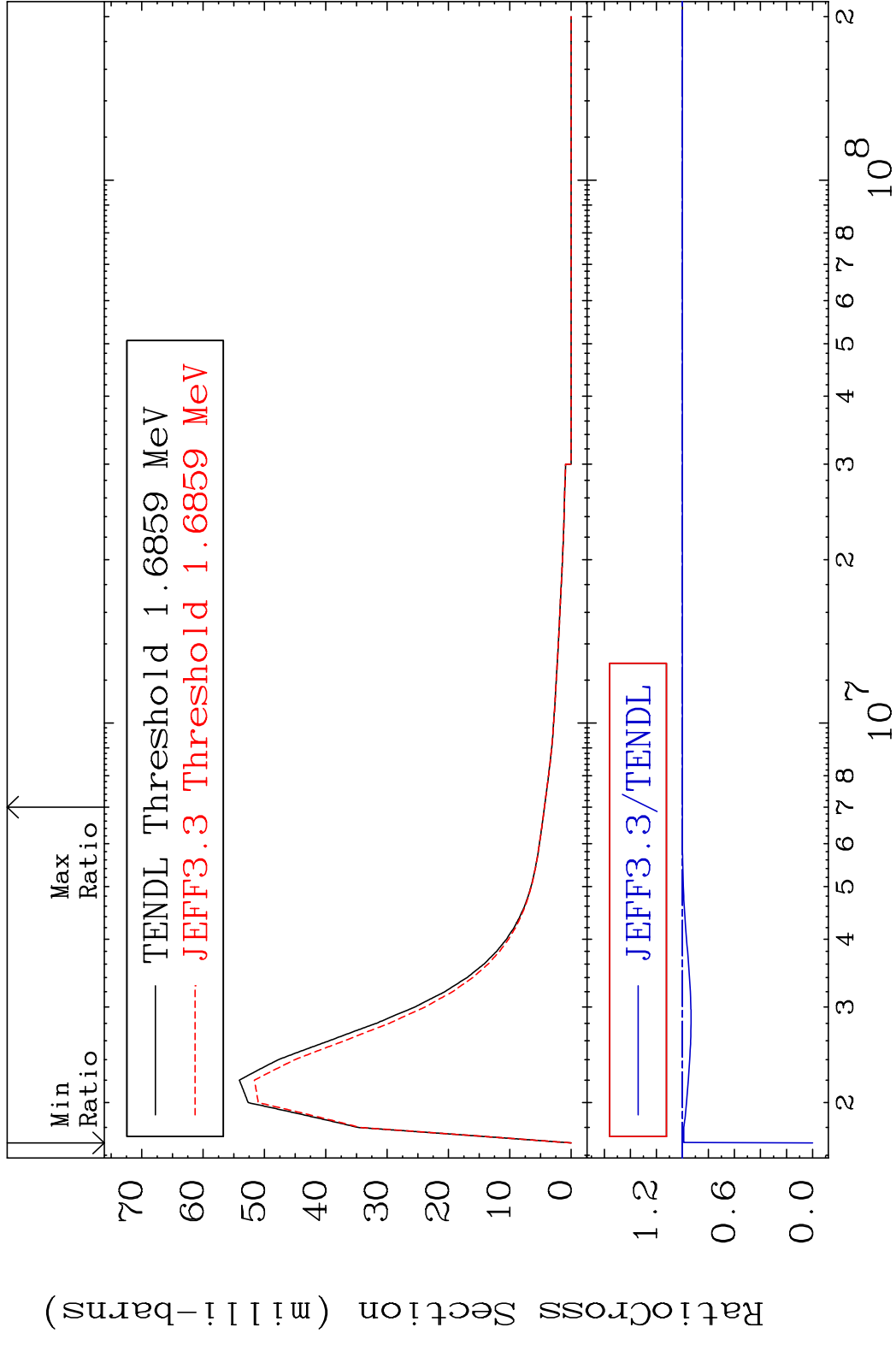
Cross Section -6.670 To 0.033 %



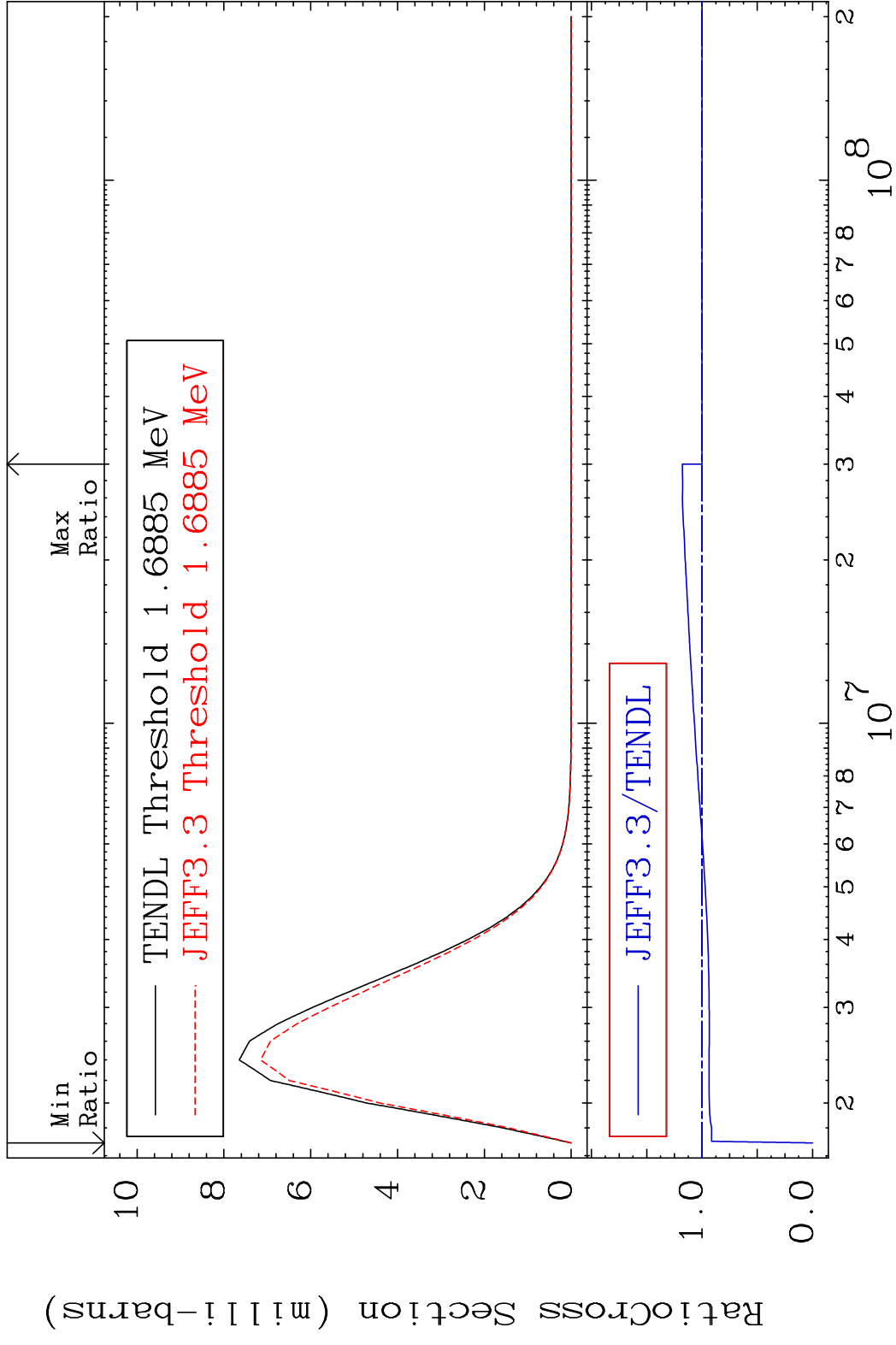
MAT 7843 MT= 66 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 17.81 %



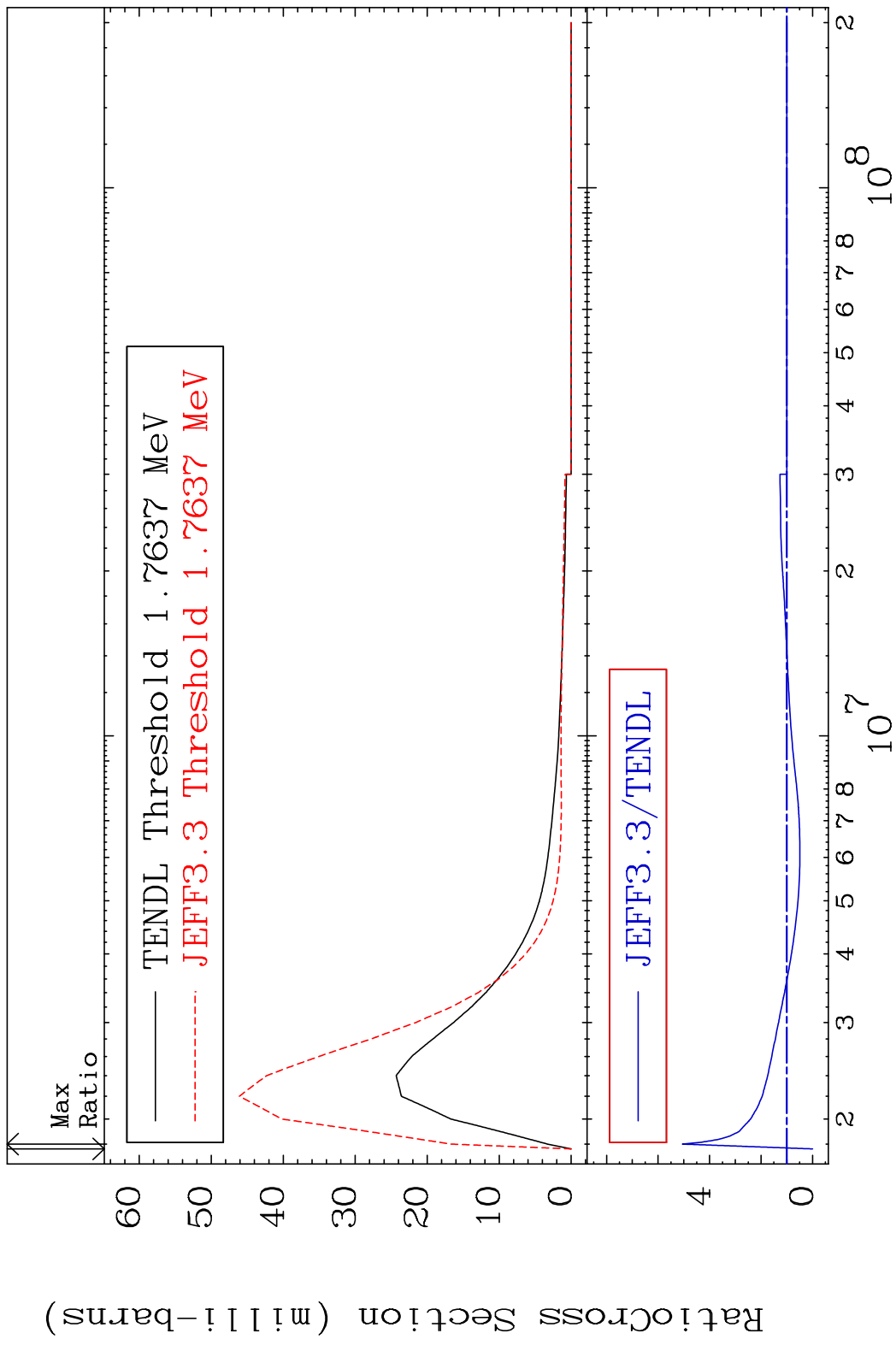
MAT 7843 MT= 67 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 0.033 %



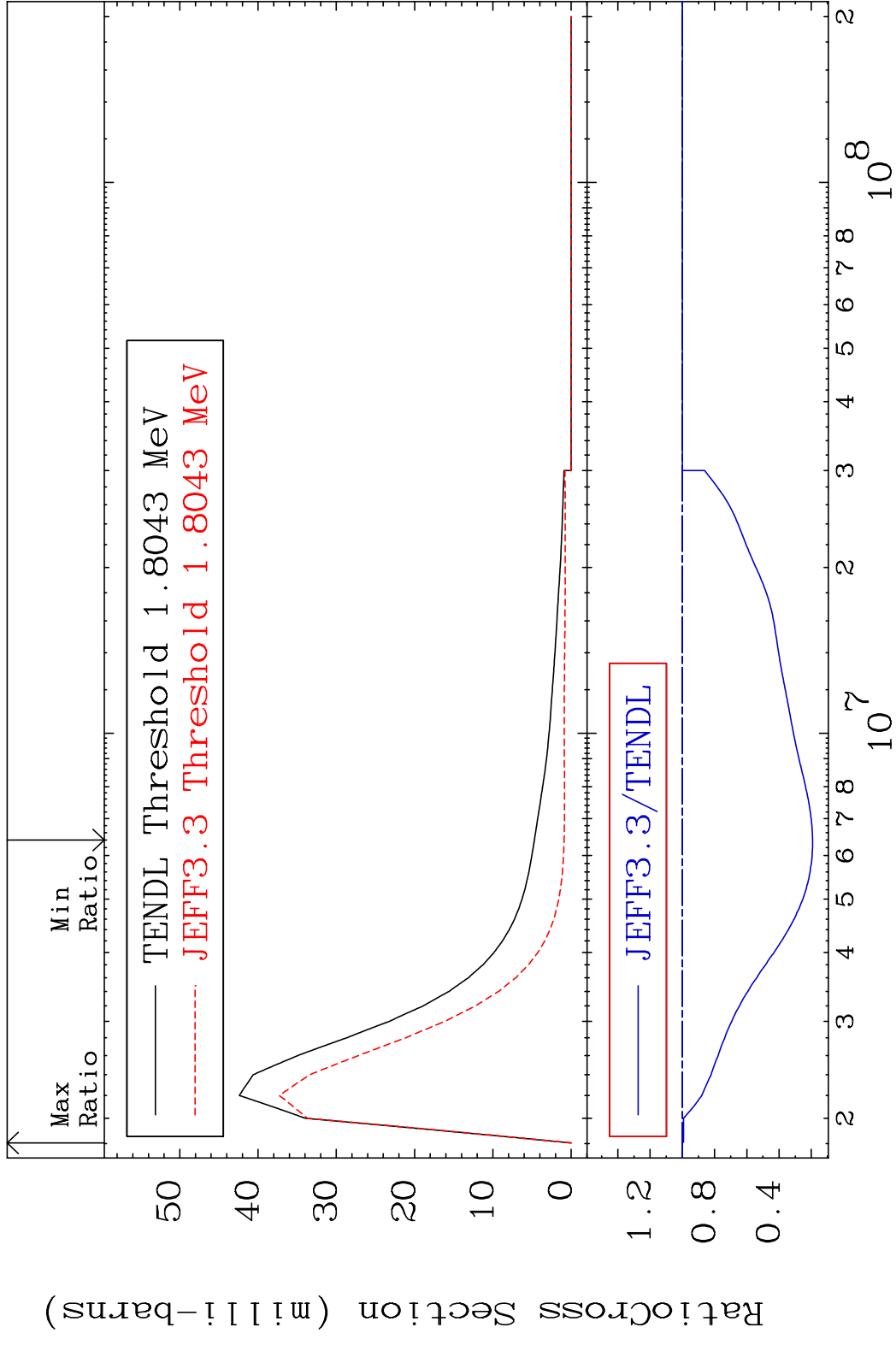
MAT 7843 MT= 68 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 17.80 %



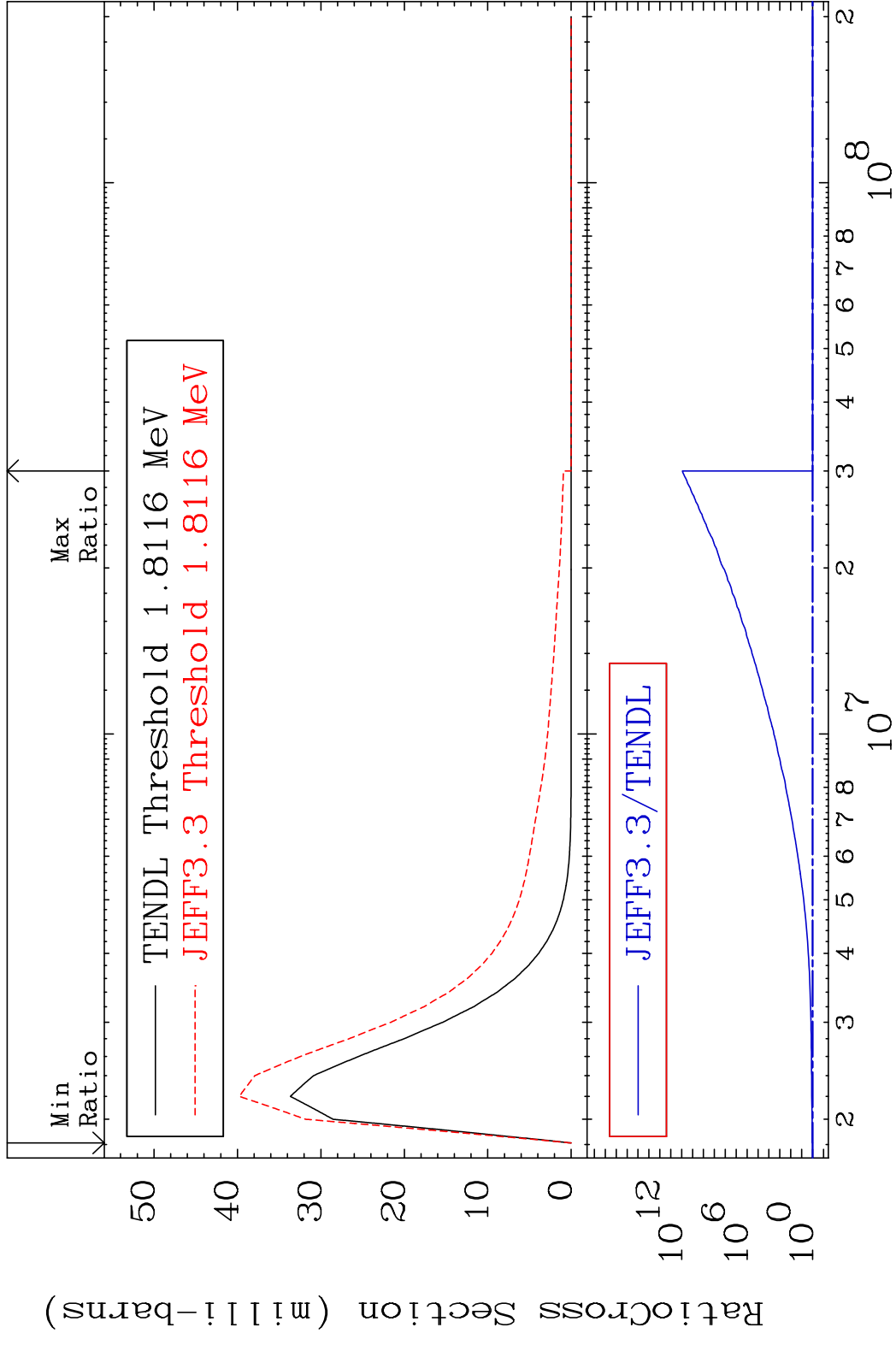
MAT 7843 MT= 69 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 405.7 %



MAT 7843 MT= 70 (n,n') Level 78-Pt-196
 Cross Section -80.76 To 0.000 %



MAT 7843 MT= 71 (n, n') Level 78-Pt-196
 Cross Section 0.000 To 9999. %

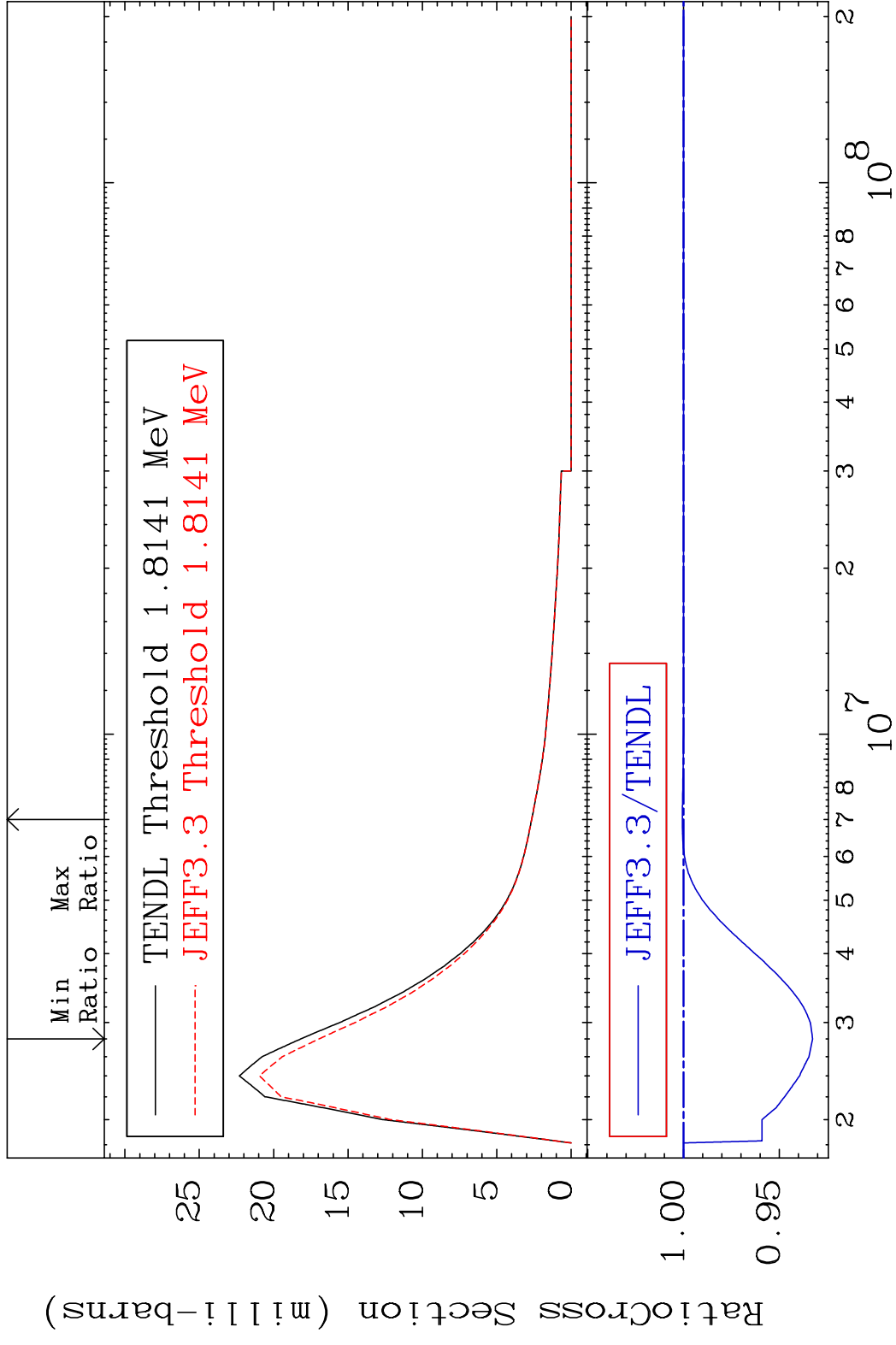


MAT 7843

MT= 72 (n, n') Level

78-Pt-196

Cross Section -6.735 To 0.064 %

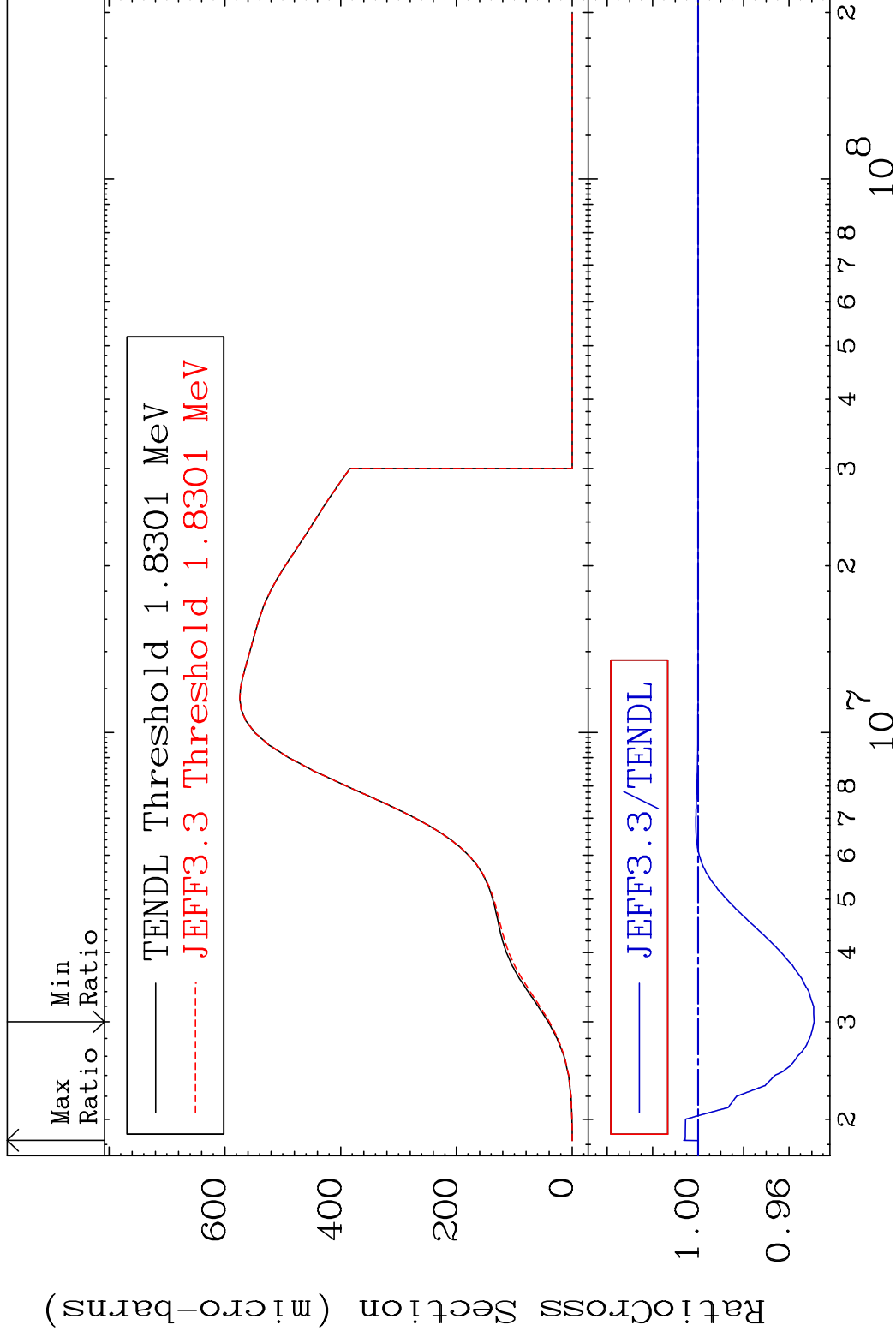


MAT 7843

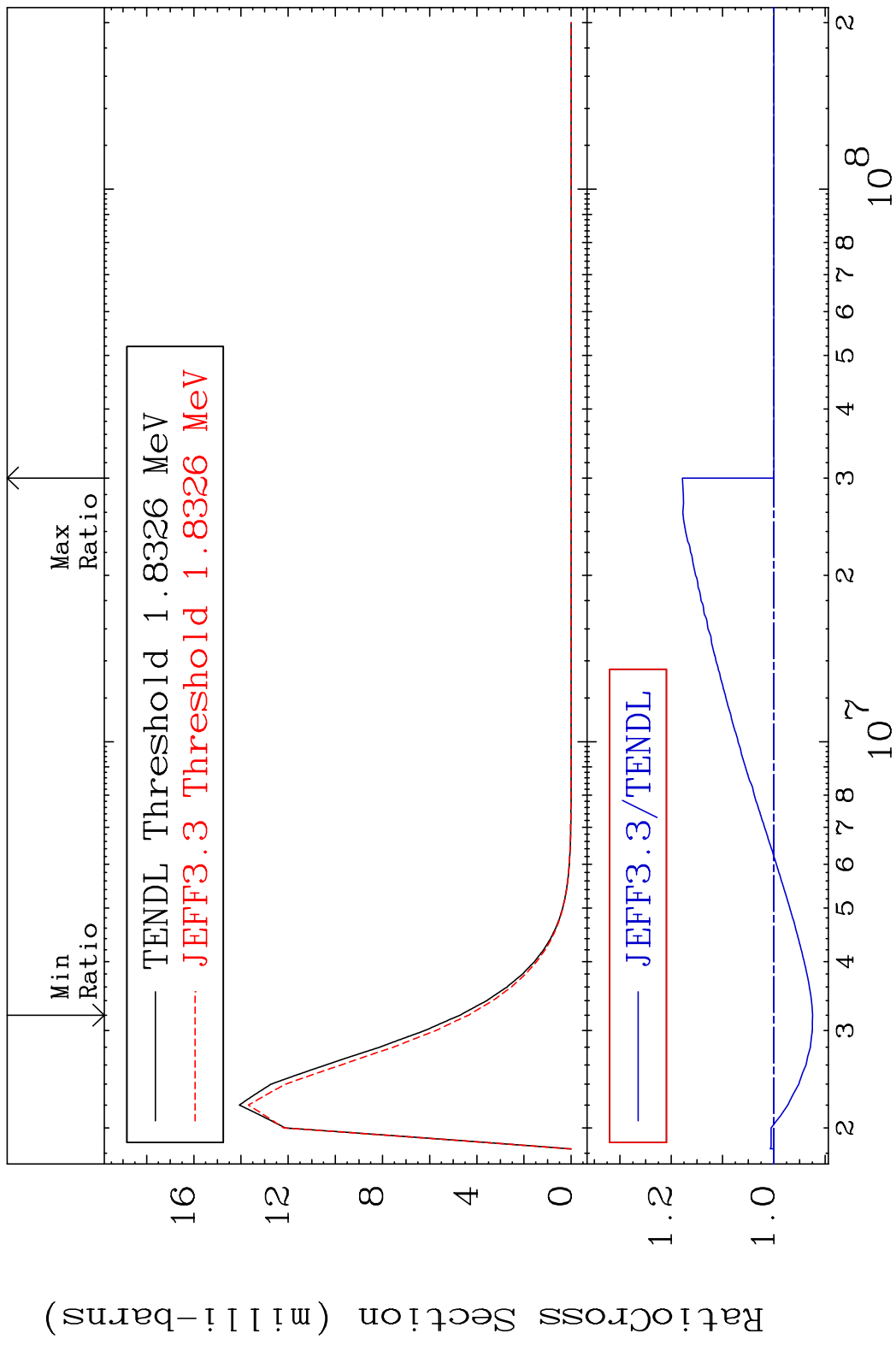
MT= 73 (n, n') Level

78-Pt-196

Cross Section -5.103 To 0.632 %



MAT 7843 MT= 74 (n, n') Level 78-Pt-196
 Cross Section -7.539 To 17.84 %

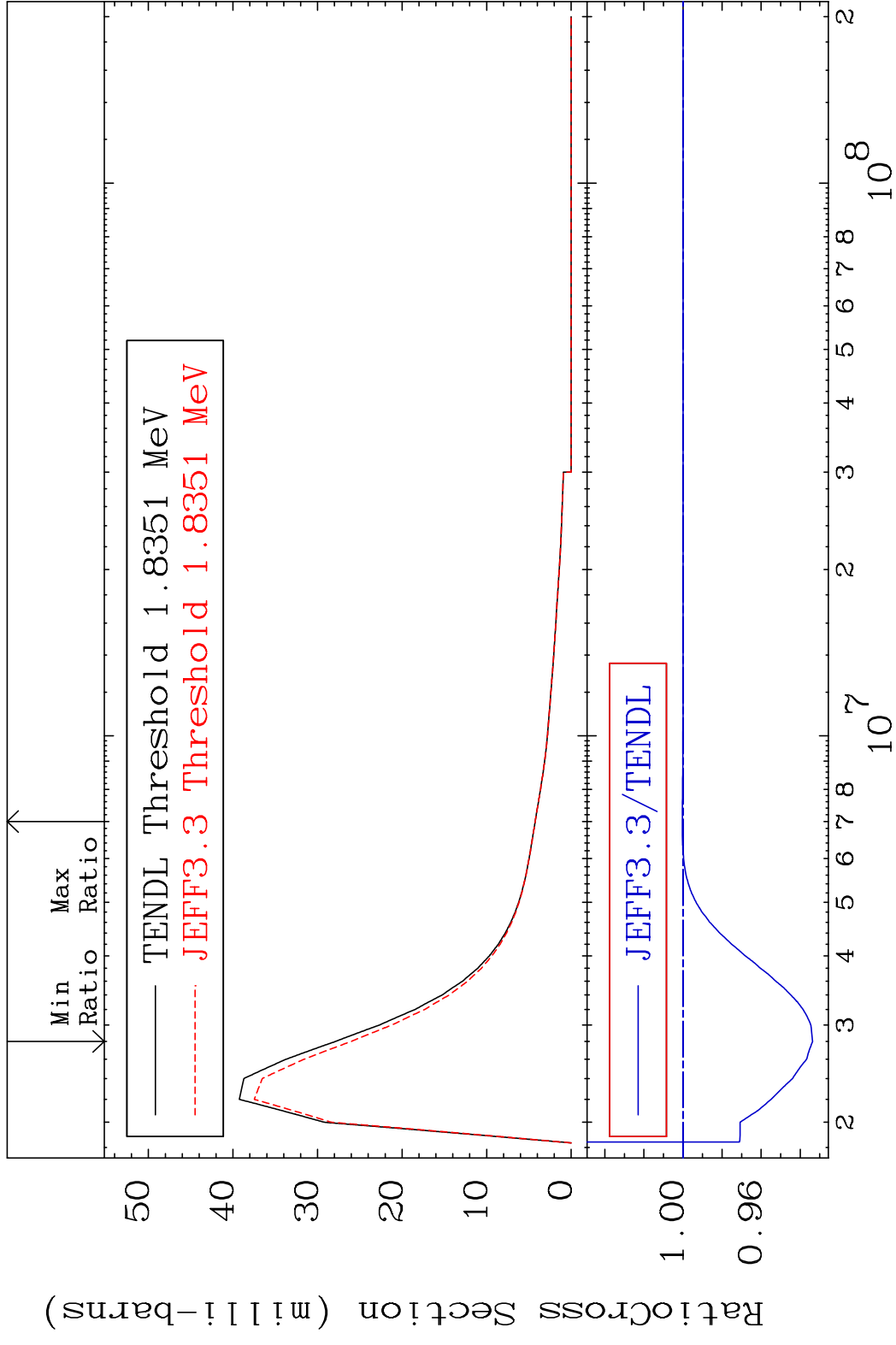


MAT 7843

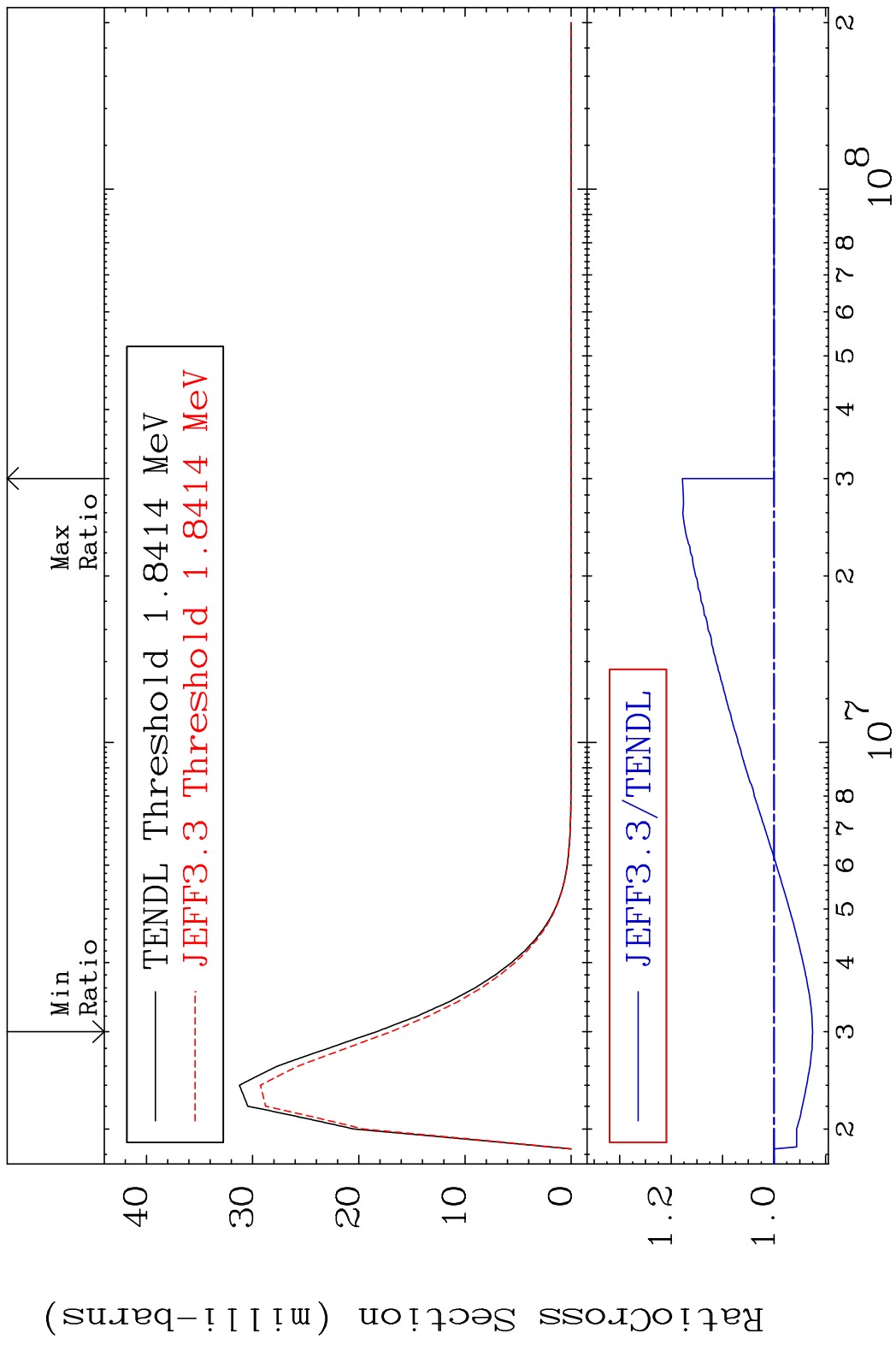
MT= 75 (n,n') Level

78-Pt-196

Cross Section -6.633 To 0.033 %

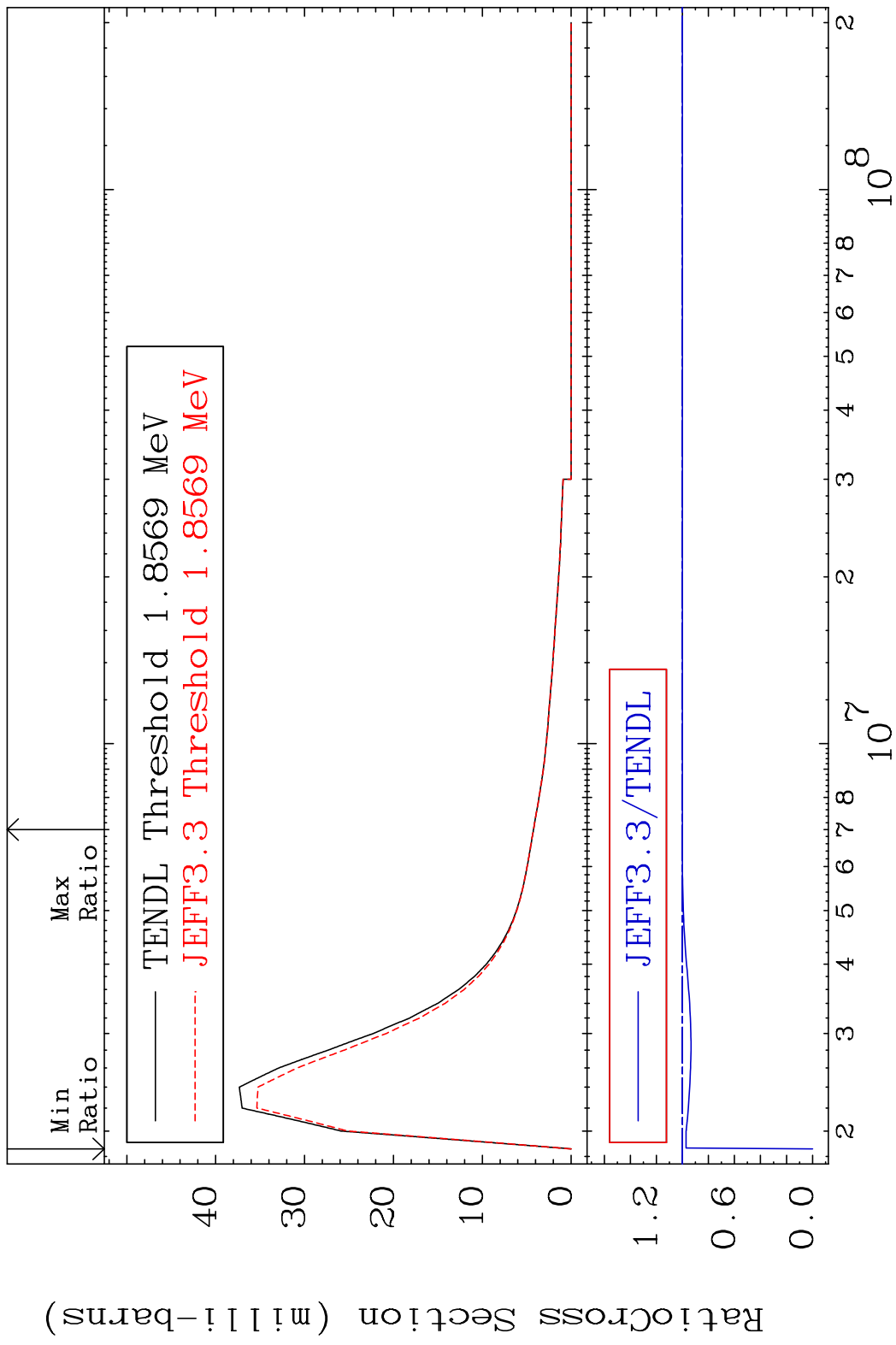


MAT 7843 MT= 76 (n, n') Level 78-Pt-196
 Cross Section -7.483 To 17.83 %

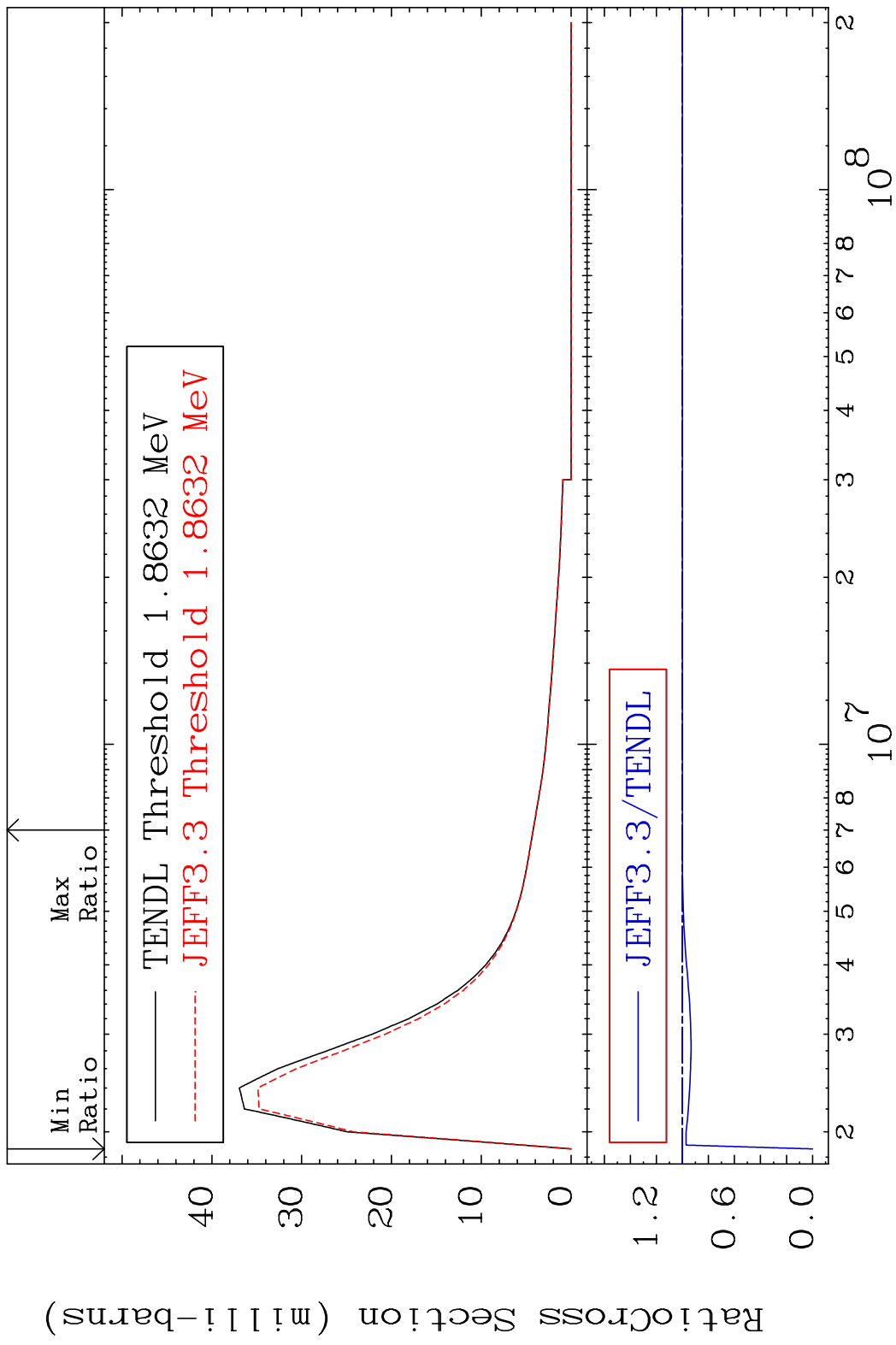


43 Incident Energy (eV) 78-Pt-196

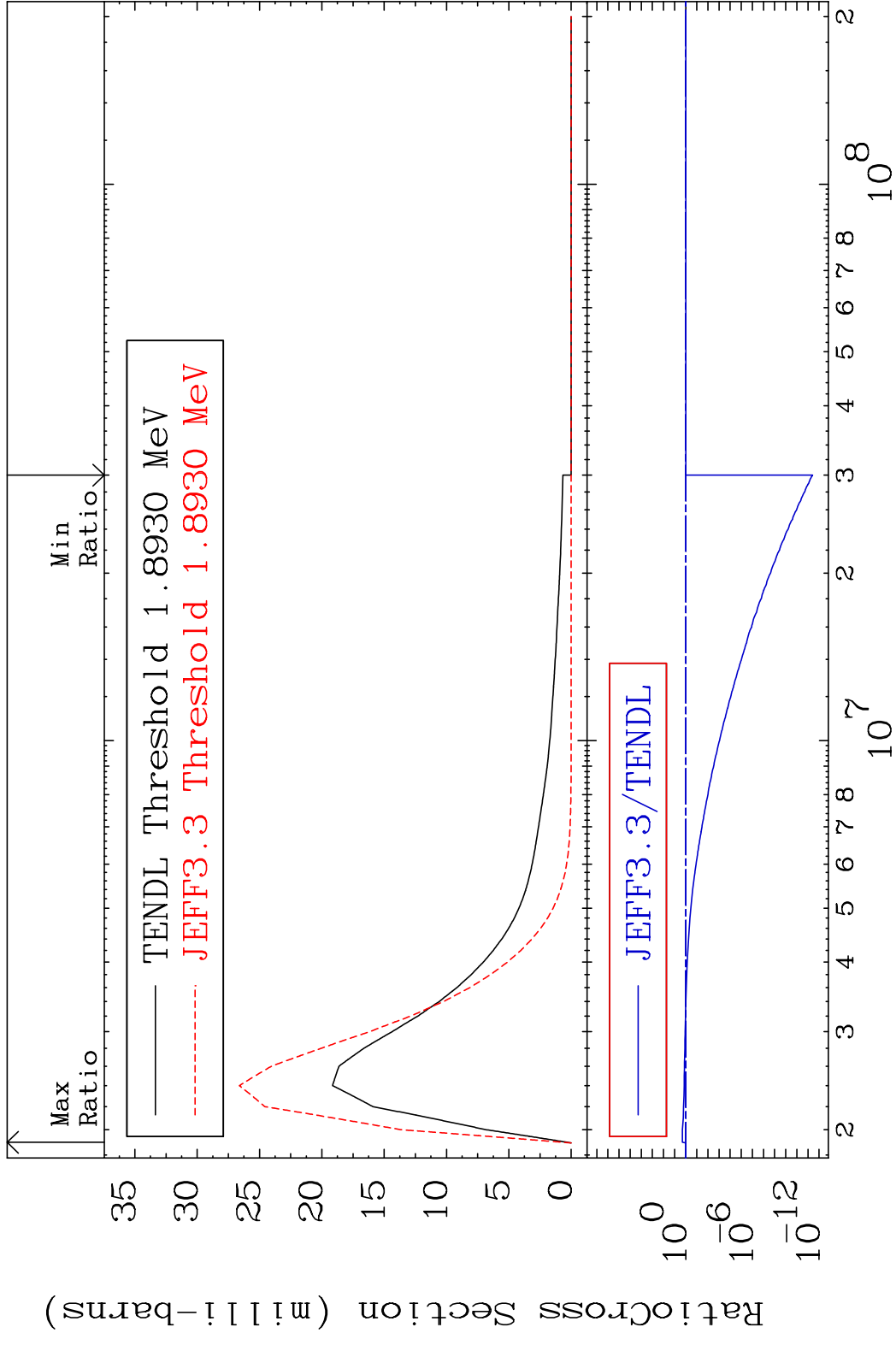
MAT 7843 MT= 77 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 0.033 %



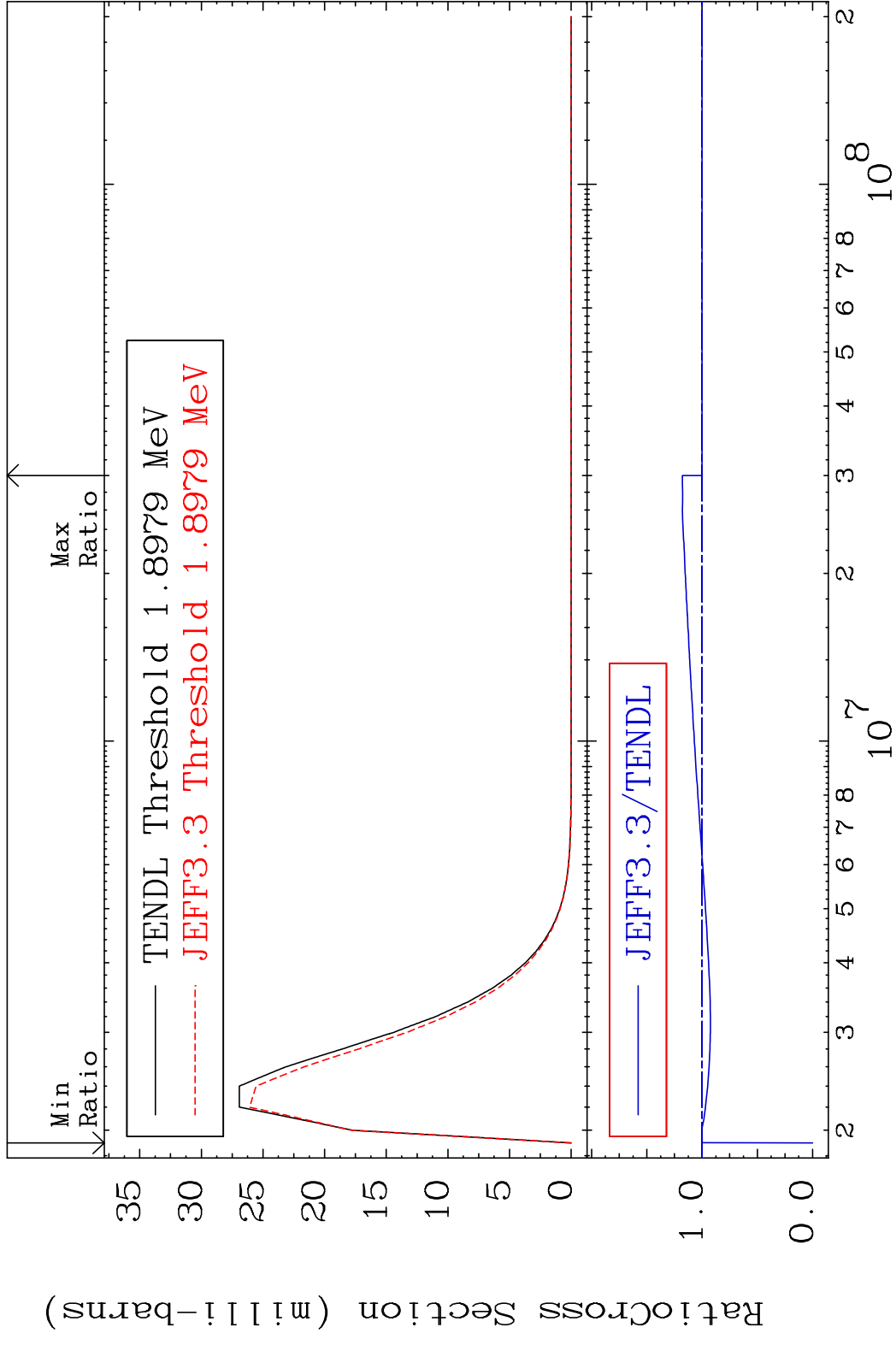
MAT 7843 MT= 78 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 0.033 %



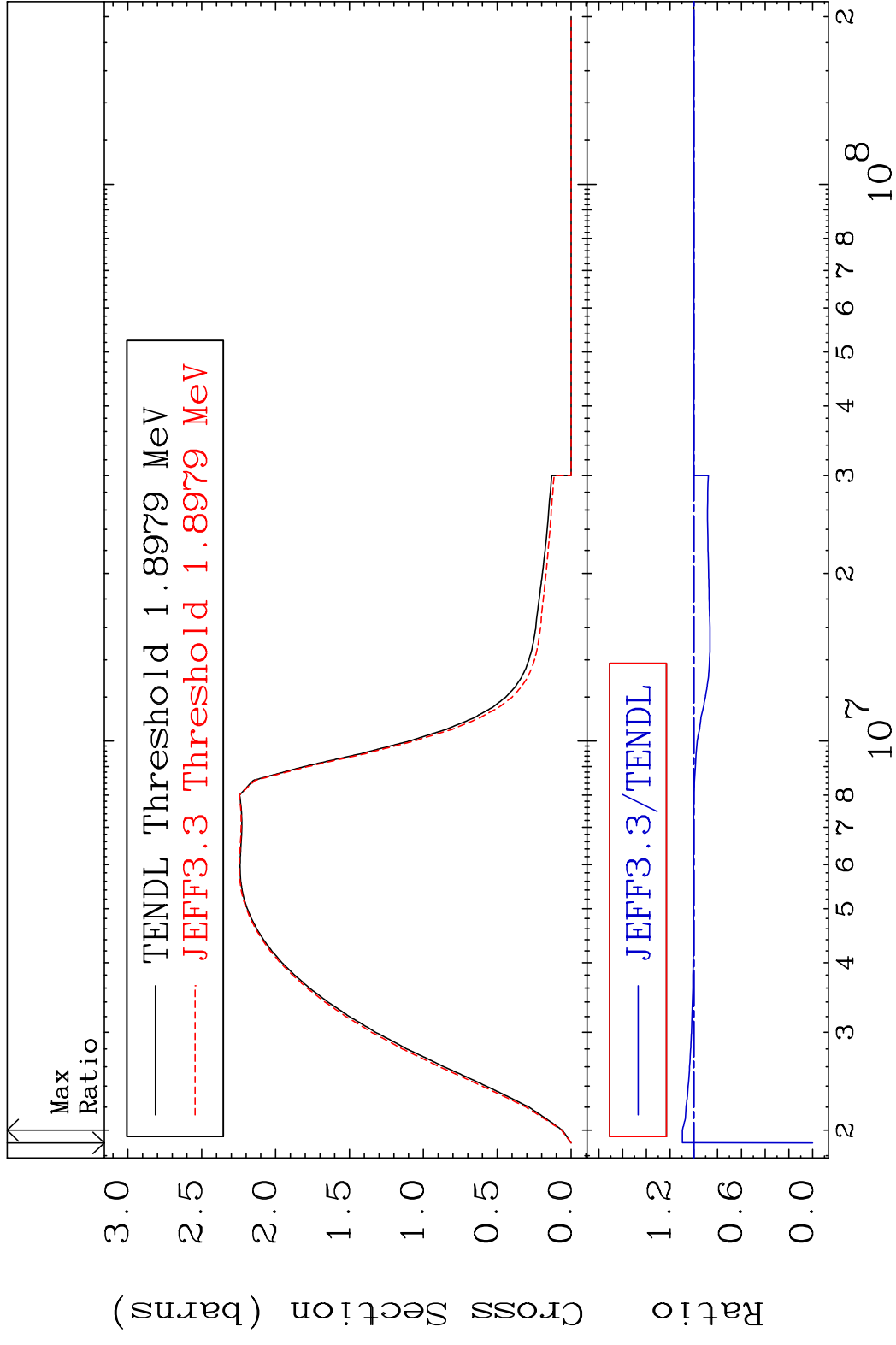
MAT 7843 MT= 79 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 100.3 %



MAT 7843 MT= 80 (n, n') Level 78-Pt-196
 Cross Section -100.0 To 17.85 %



MAT 7843 (n,n') Continuum 78-Pt-196
 Cross Section -100.0 To 9.708 %

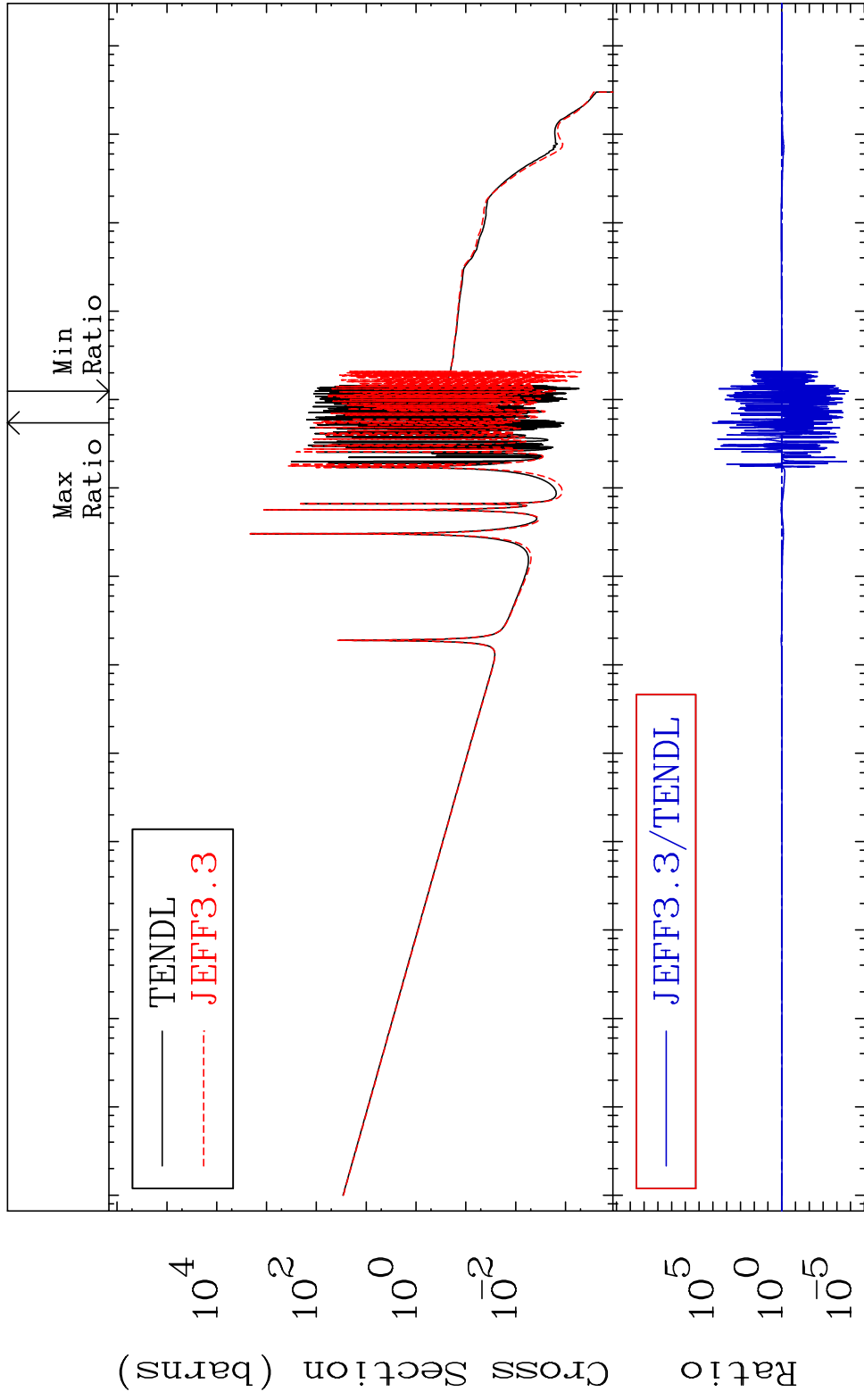


MAT 7843

(n, γ)

78-Pt-196

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

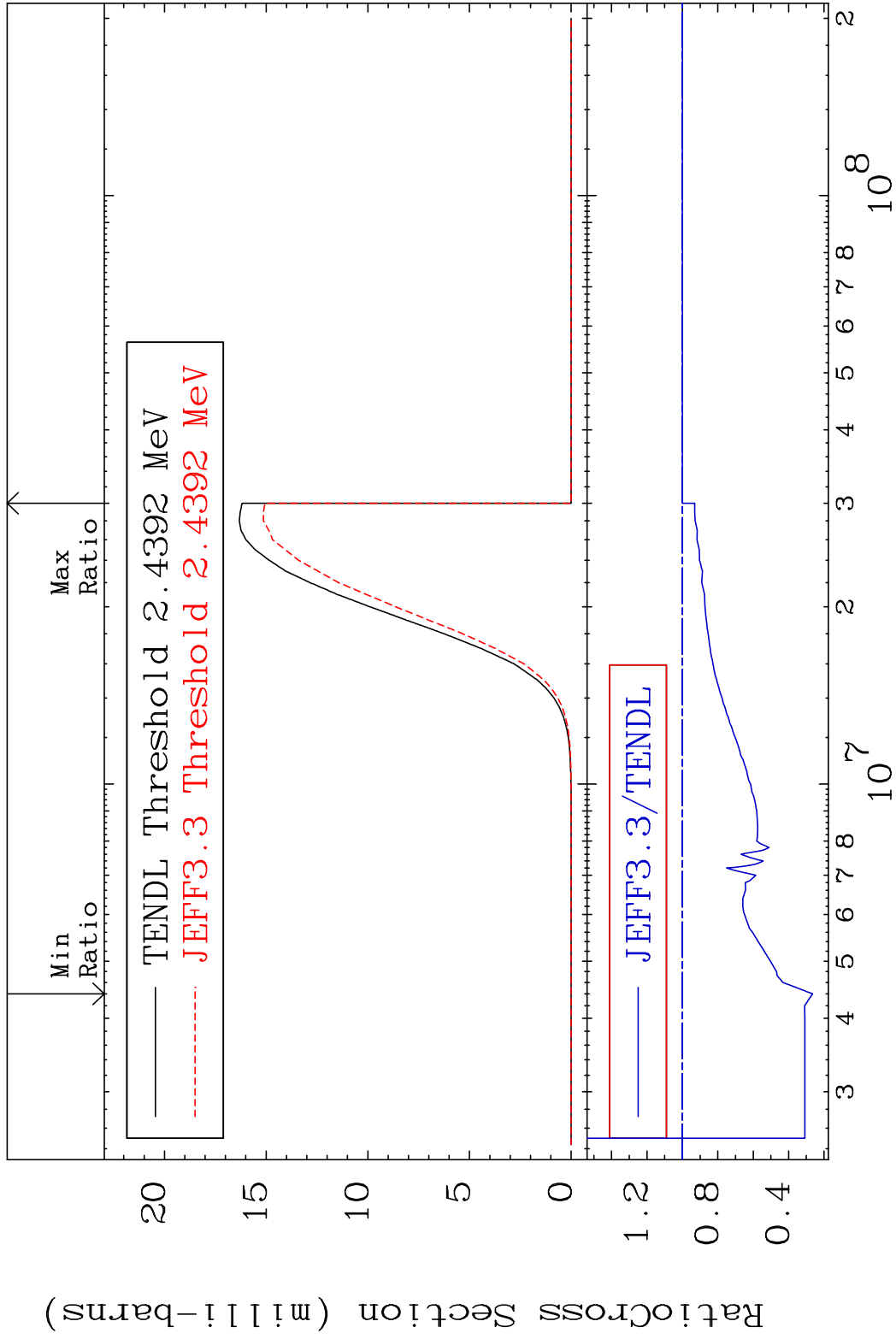
78-Pt-196

MAT 7843

(n, p)

78-Pt-196

Cross Section -73.51 To 0.000 %



50

Incident Energy (eV)

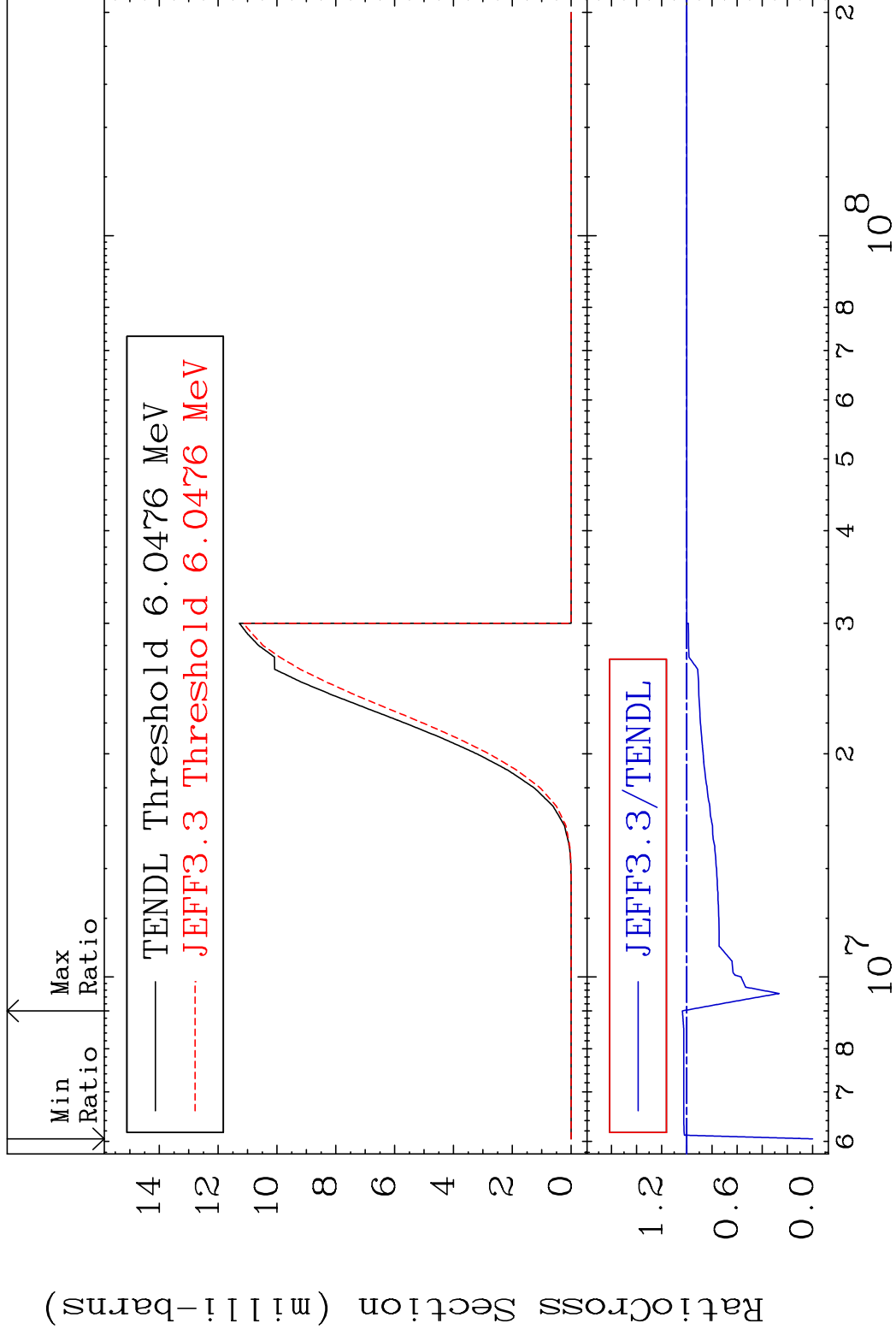
78-Pt-196

MAT 7843

(n,d)

78-Pt-196

Cross Section -100.0 To 3.538 %



51

Incident Energy (eV)

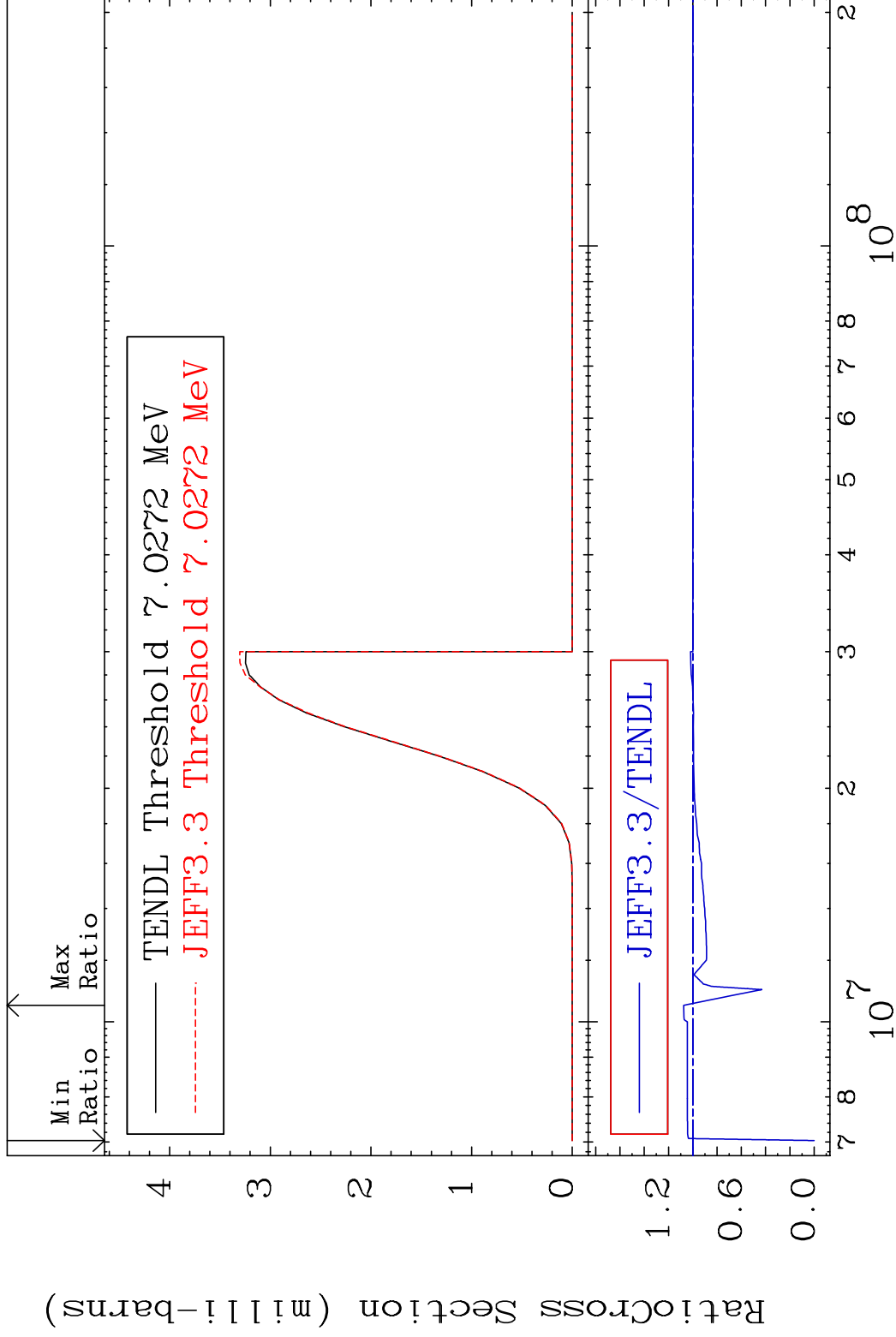
78-Pt-196

MAT 7843

(n, t)

78-Pt-196

Cross Section -100.0 To 7.517 %



52

Incident Energy (eV)

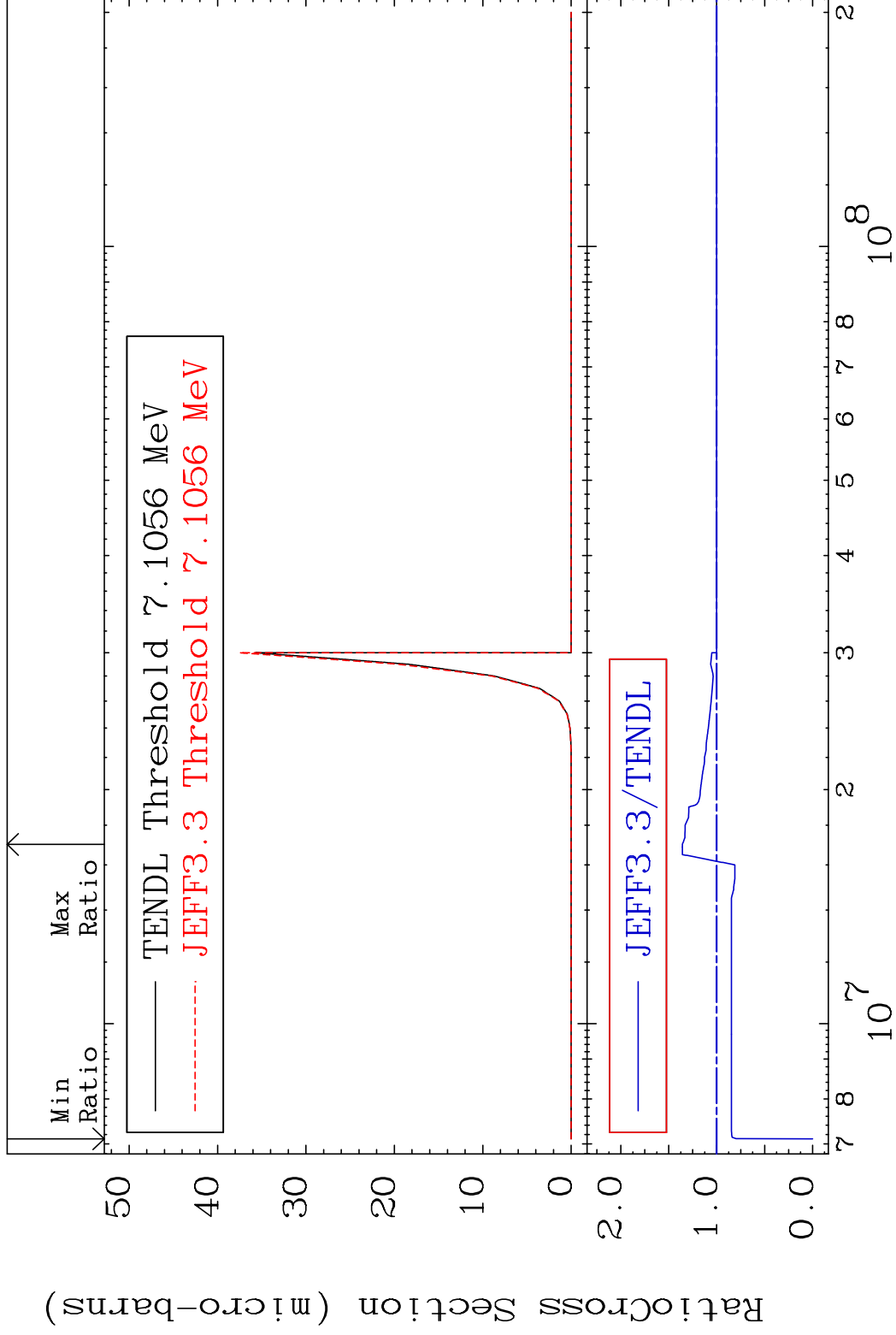
78-Pt-196

MAT 7843

(n, He-3)

78-Pt-196

Cross Section -100.0 To 35.83 %



53

Incident Energy (eV)

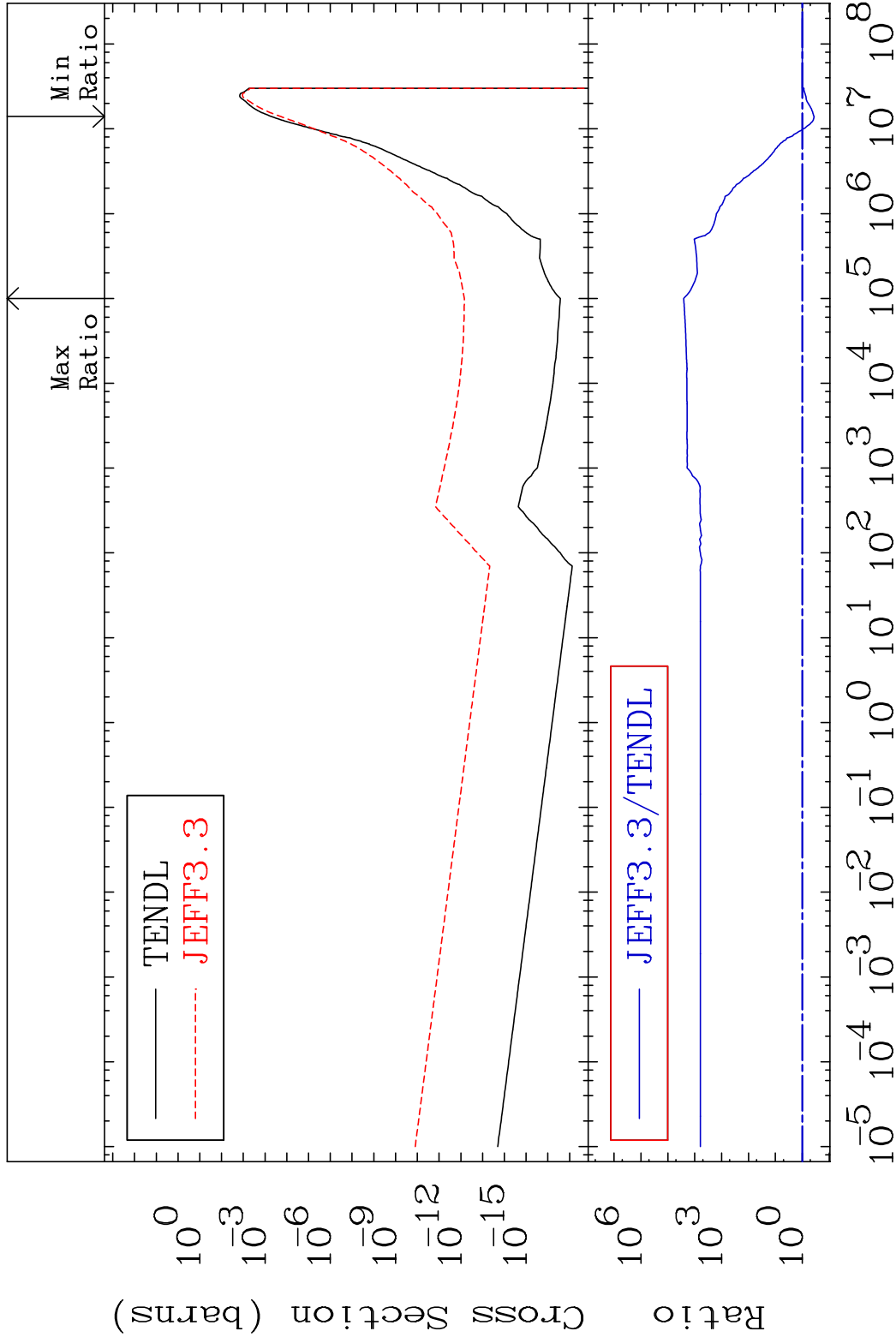
78-Pt-196

MAT 7843

(n, α)

78-Pt-196

Cross Section -63.64 To 9999. %



54

Incident Energy (eV)

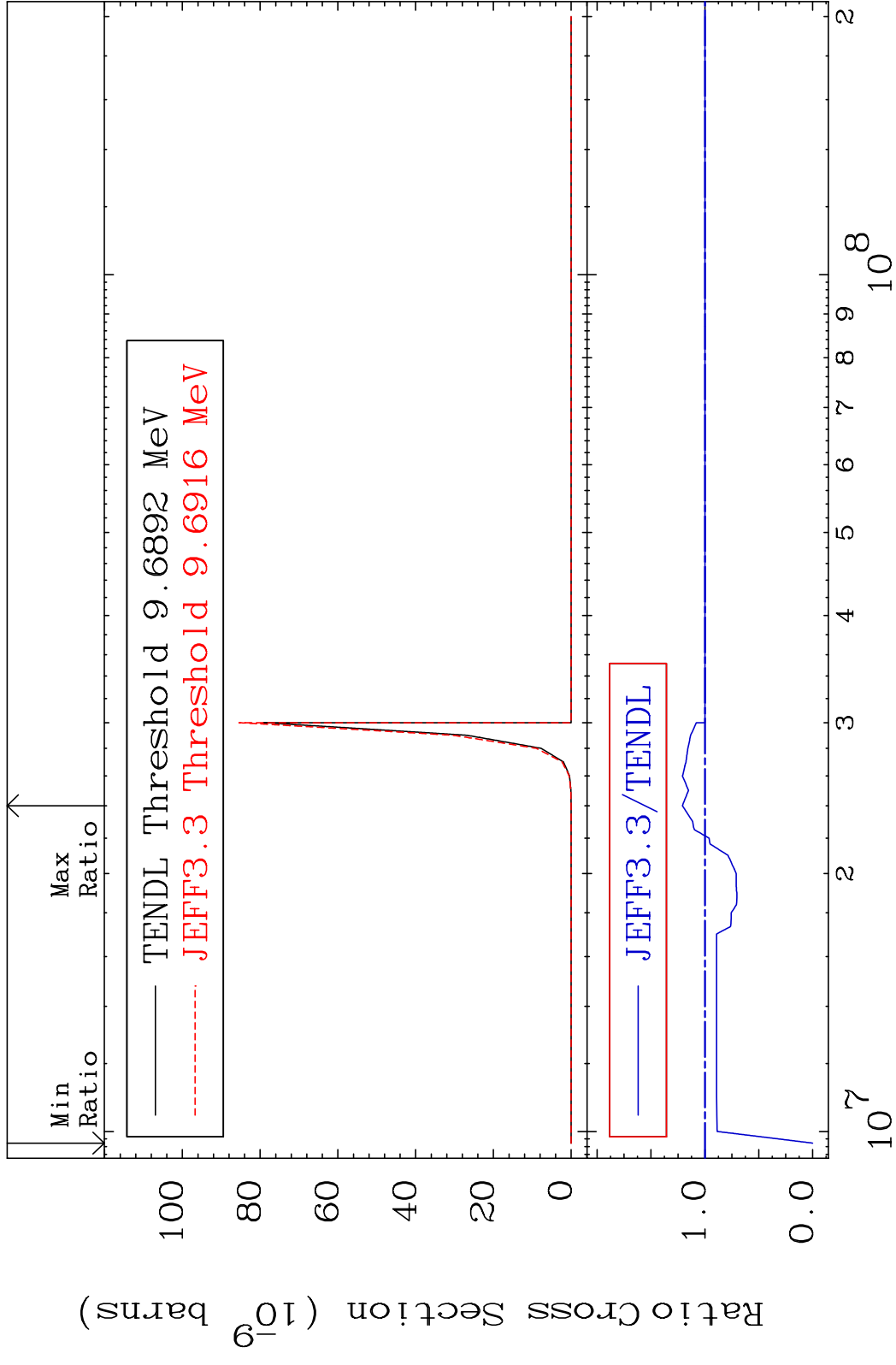
78-Pt-196

MAT 7843

(n,2p)

78-Pt-196

Cross Section -100.0 To 20.90 %



55

Incident Energy (eV)

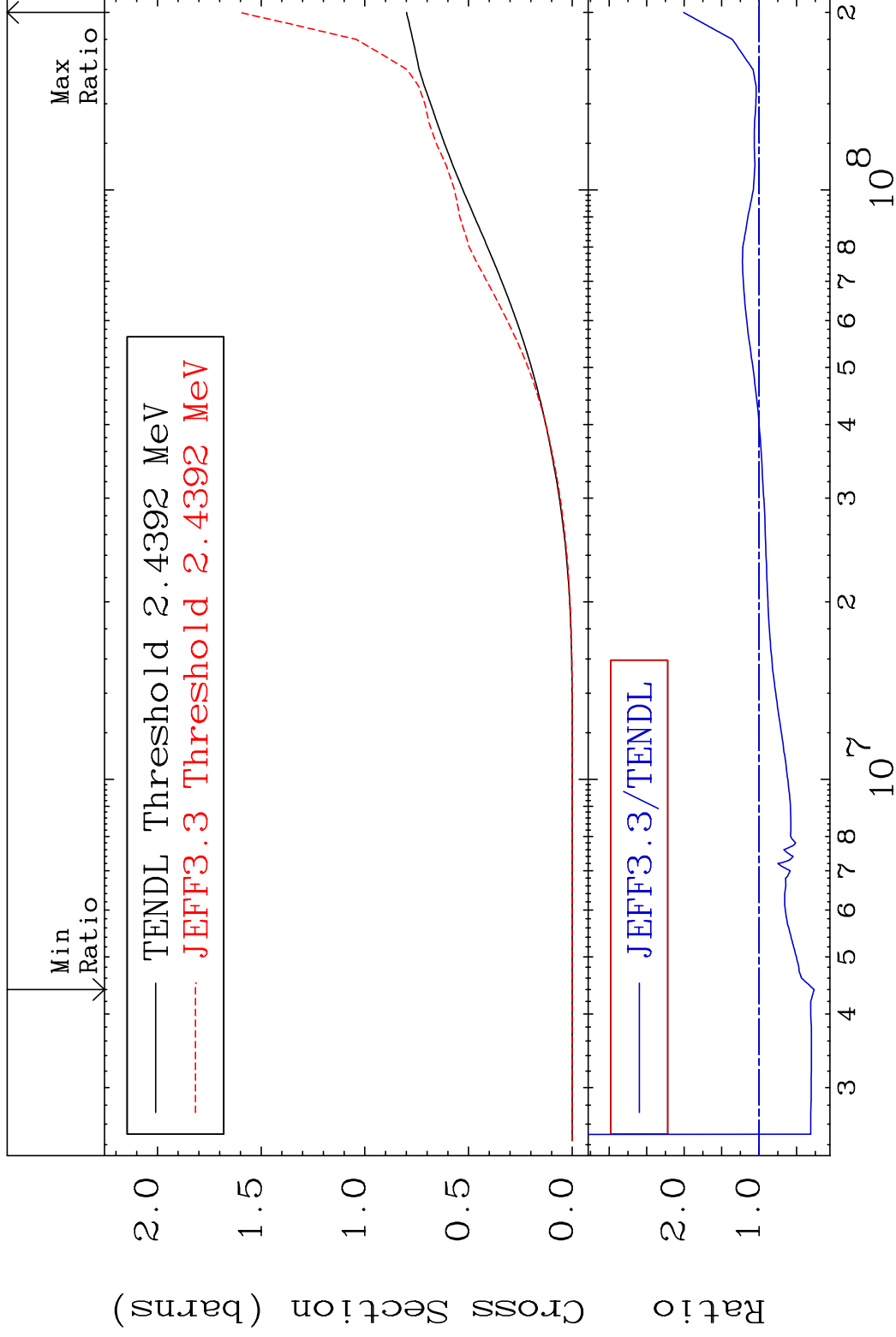
78-Pt-196

MAT 7843

Hydrogen Production

78-Pt-196

Cross Section -73.51 To 100.5 %

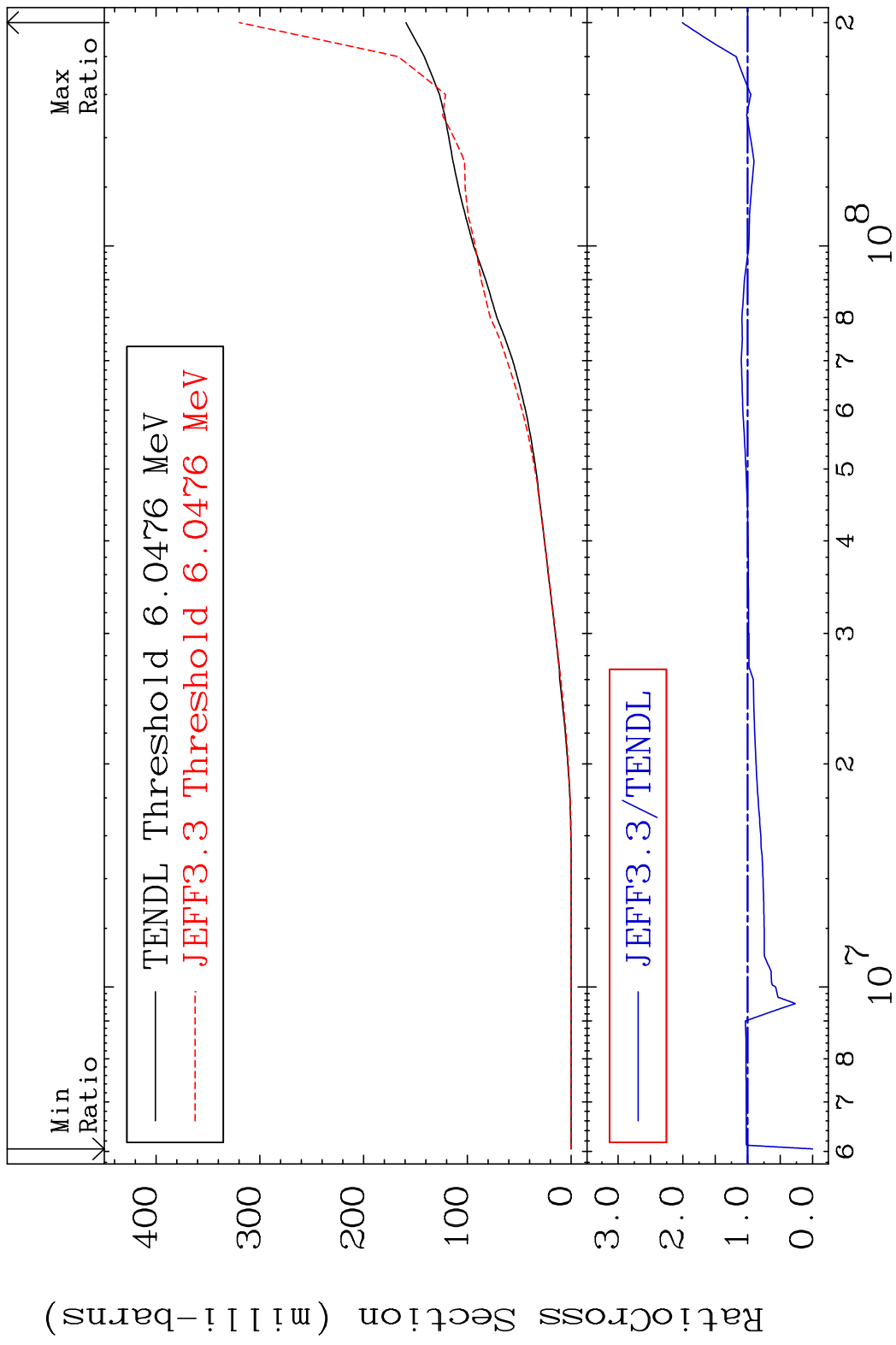


56

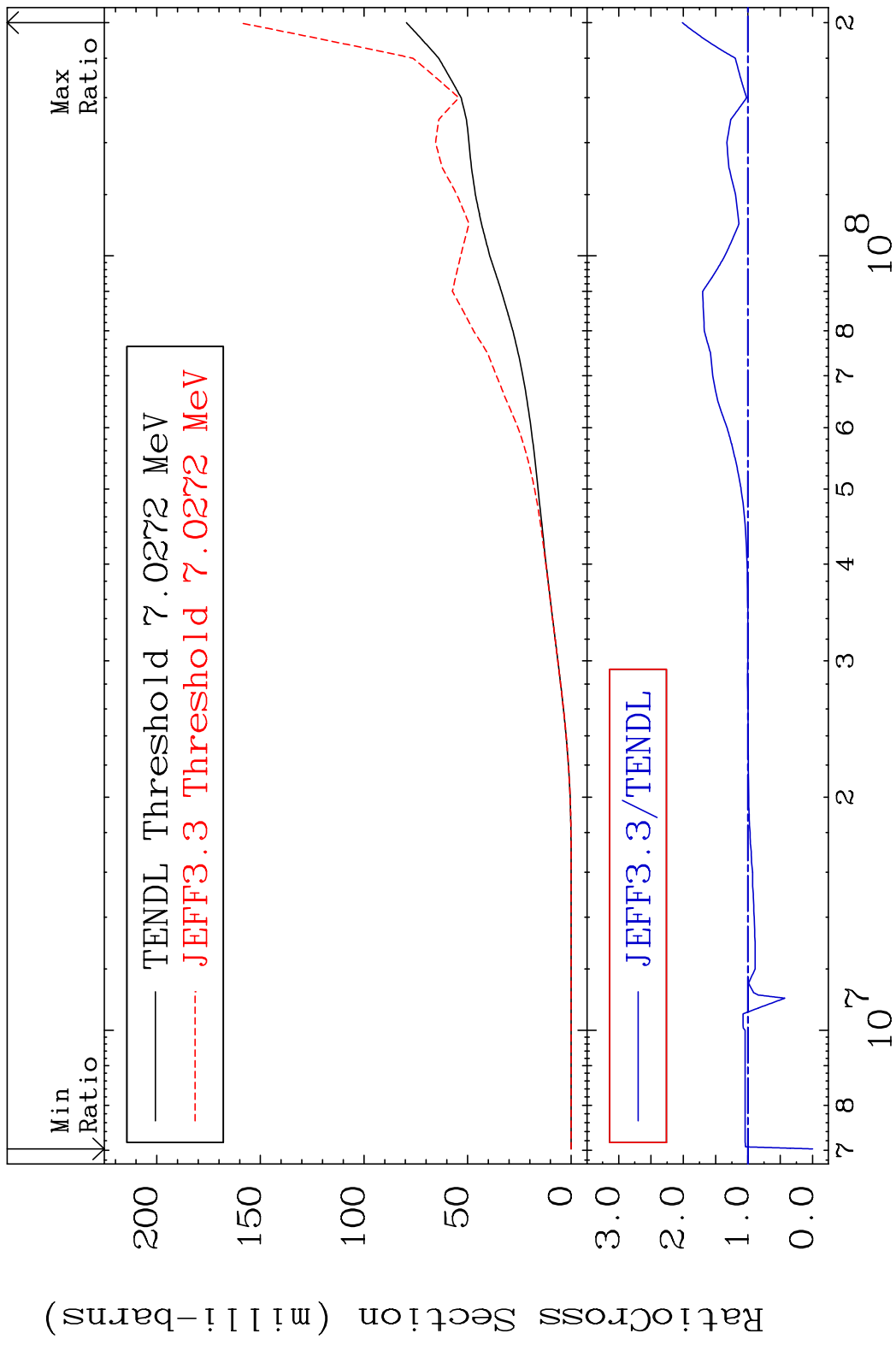
Incident Energy (eV)

78-Pt-196

MAT 7843 Deuterium Production 78-Pt-196
 Cross Section -100.0 To 100.8 %



MAT 7843 Tritium Production 78-Pt-196
 Cross Section -100.0 To 101.5 %

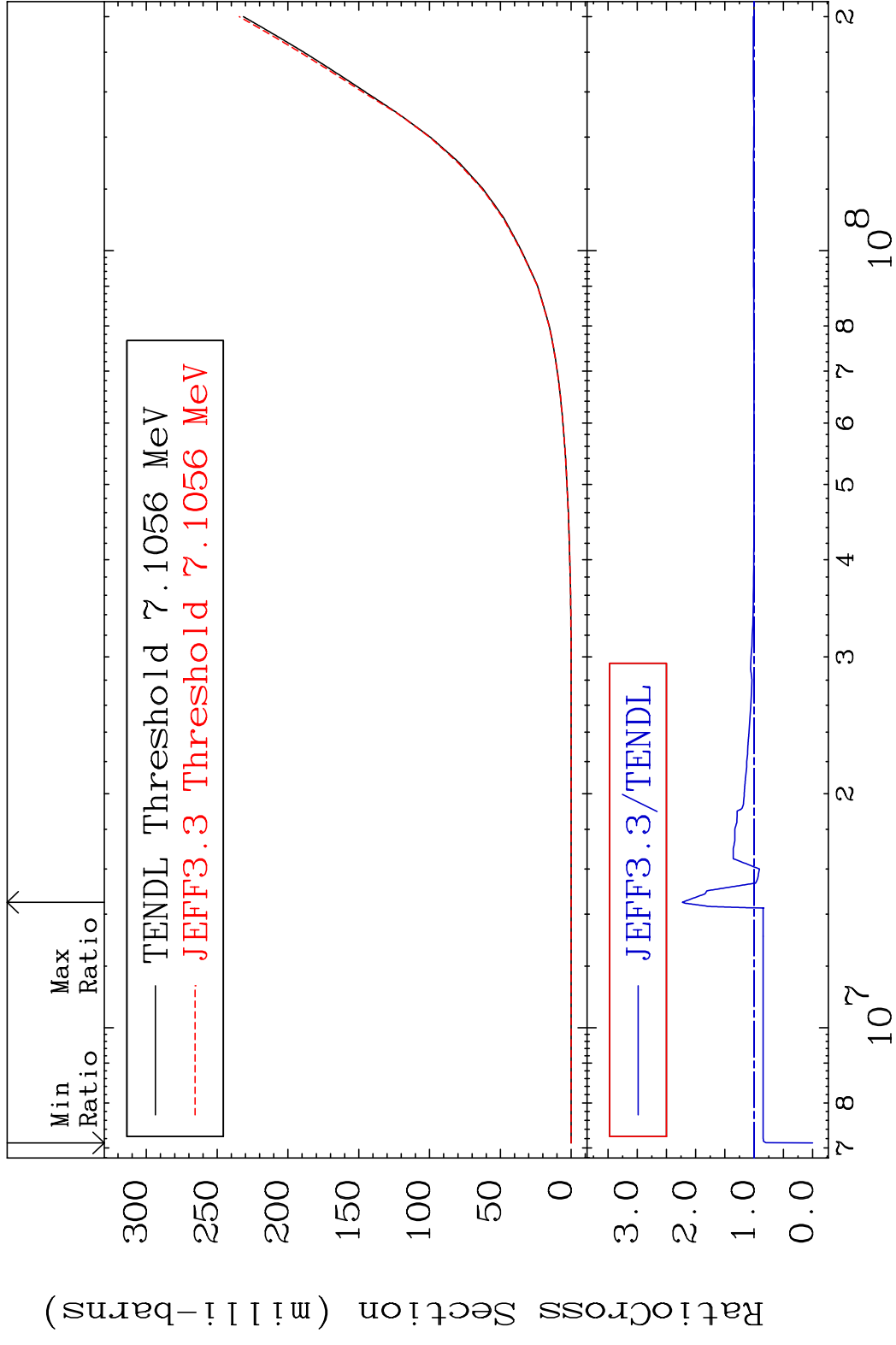


MAT 7843

He-3 Production

78-Pt-196

Cross Section -100.0 To 122.8 %

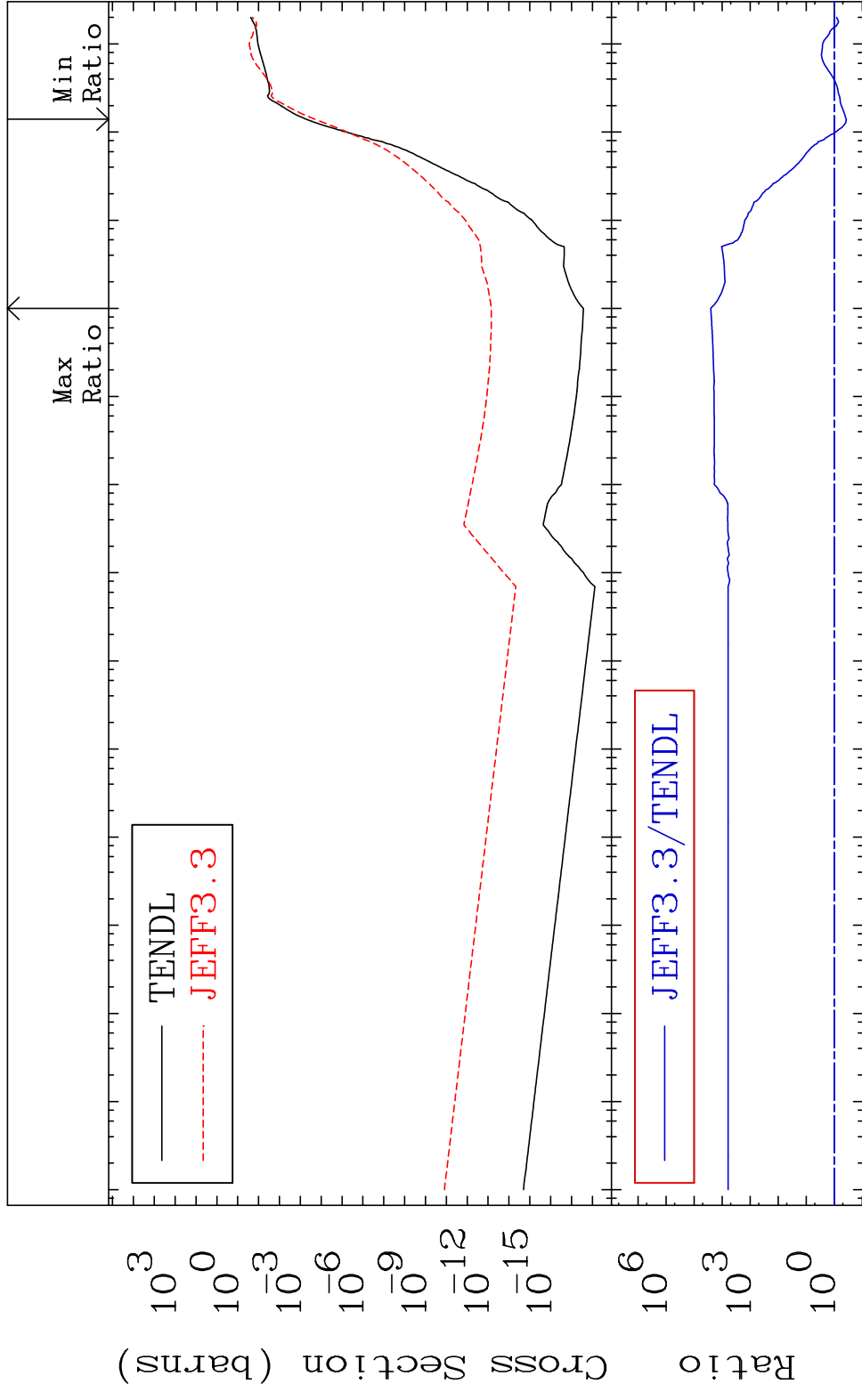


MAT 7843

He-4 Production

78-Pt-196

Cross Section -62.73 To 9999. %



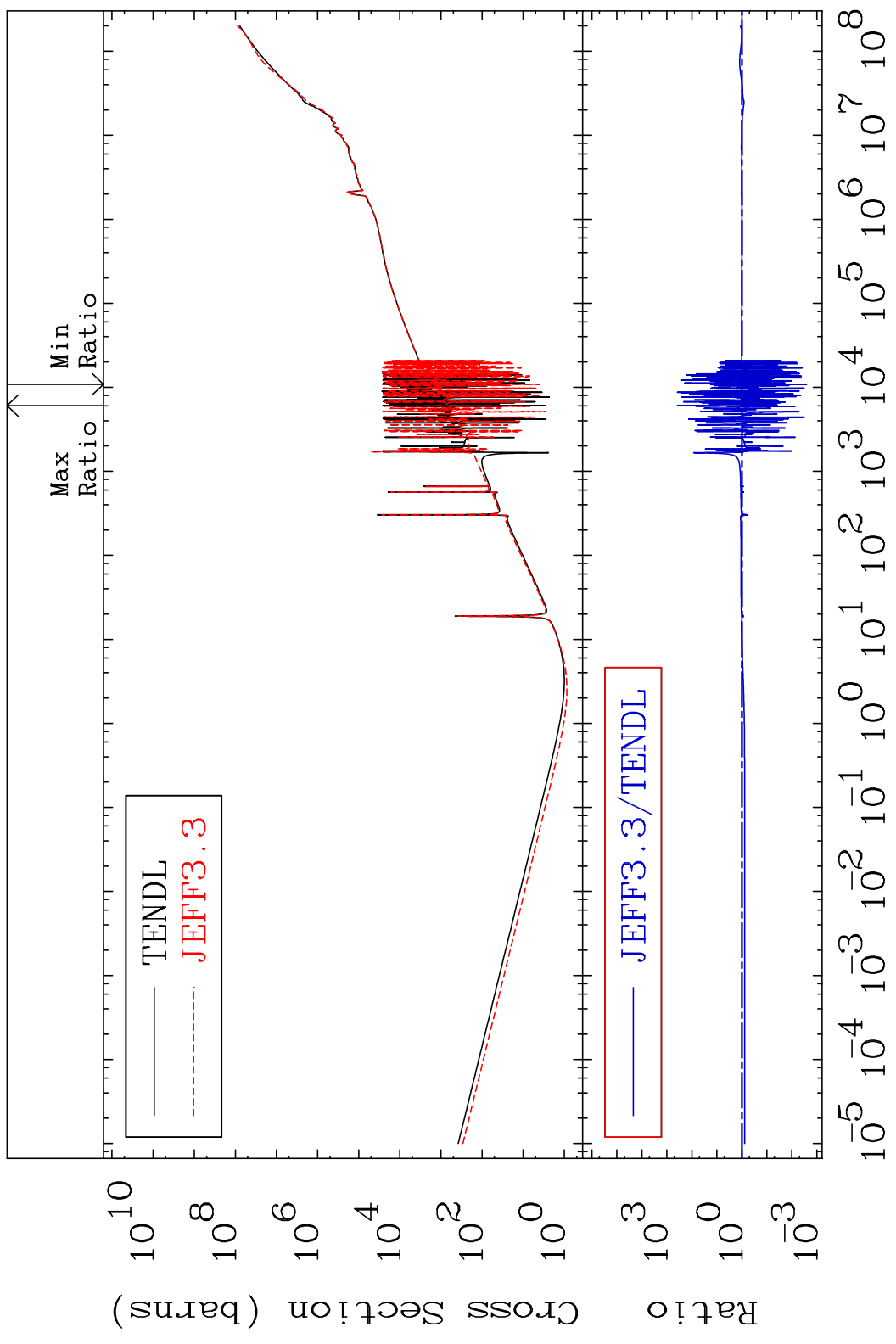
60

Incident Energy (eV)

78-Pt-196

MAT 7843

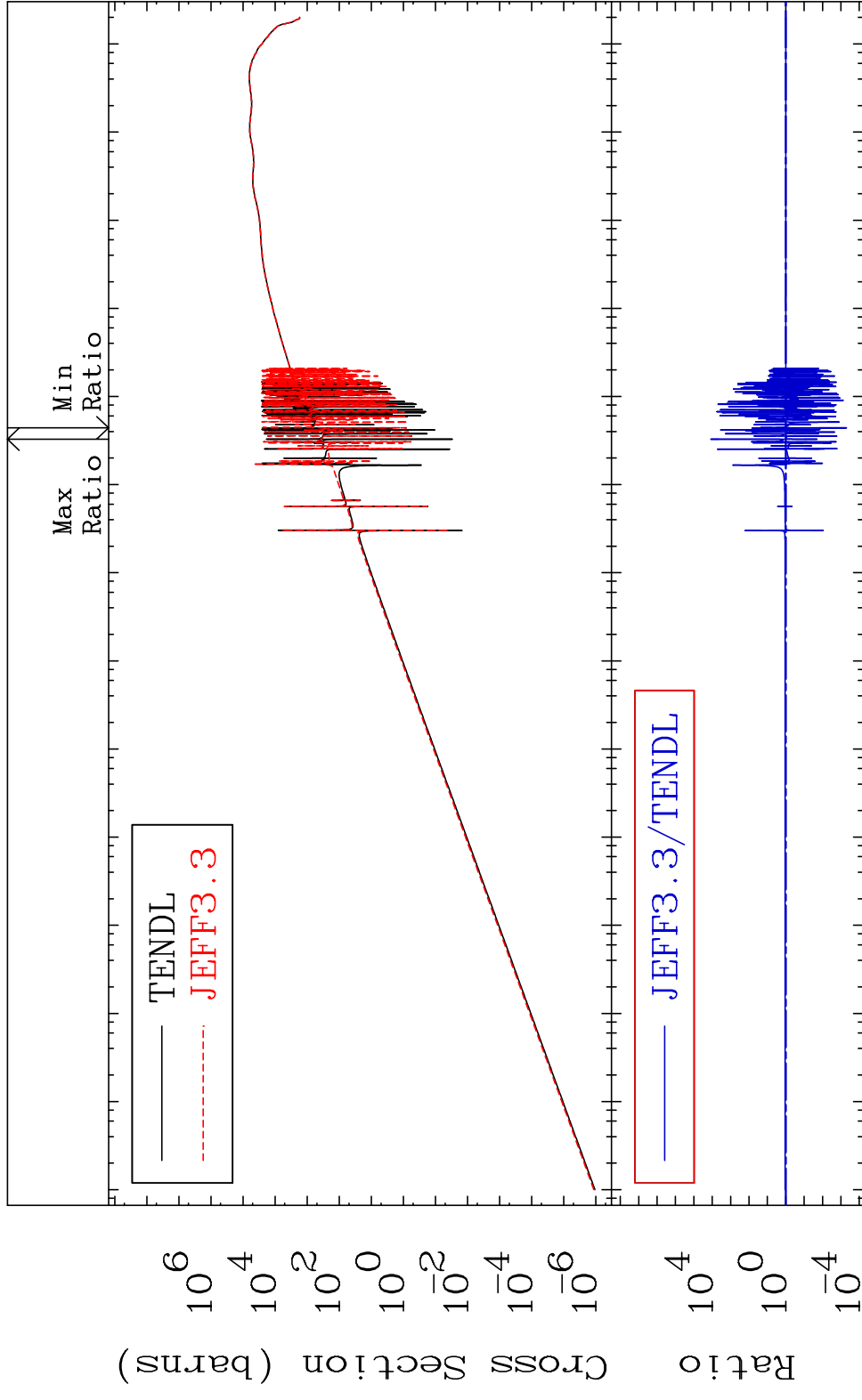
Kerma total (eV-barns) 78-Pt-196
Cross Section -99.74 To 9999. %



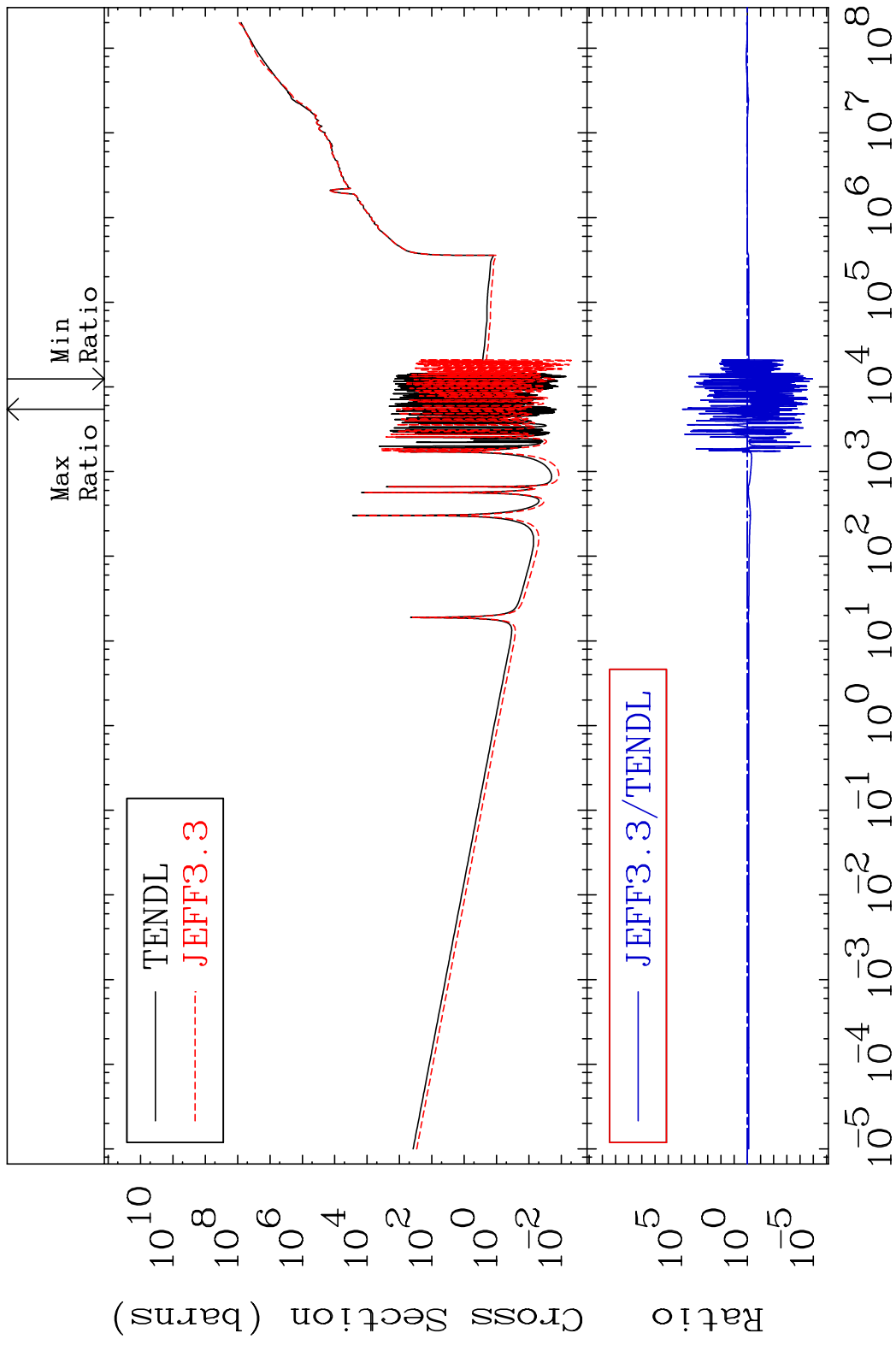
MAT 7843

Kerma elastic
Cross Section

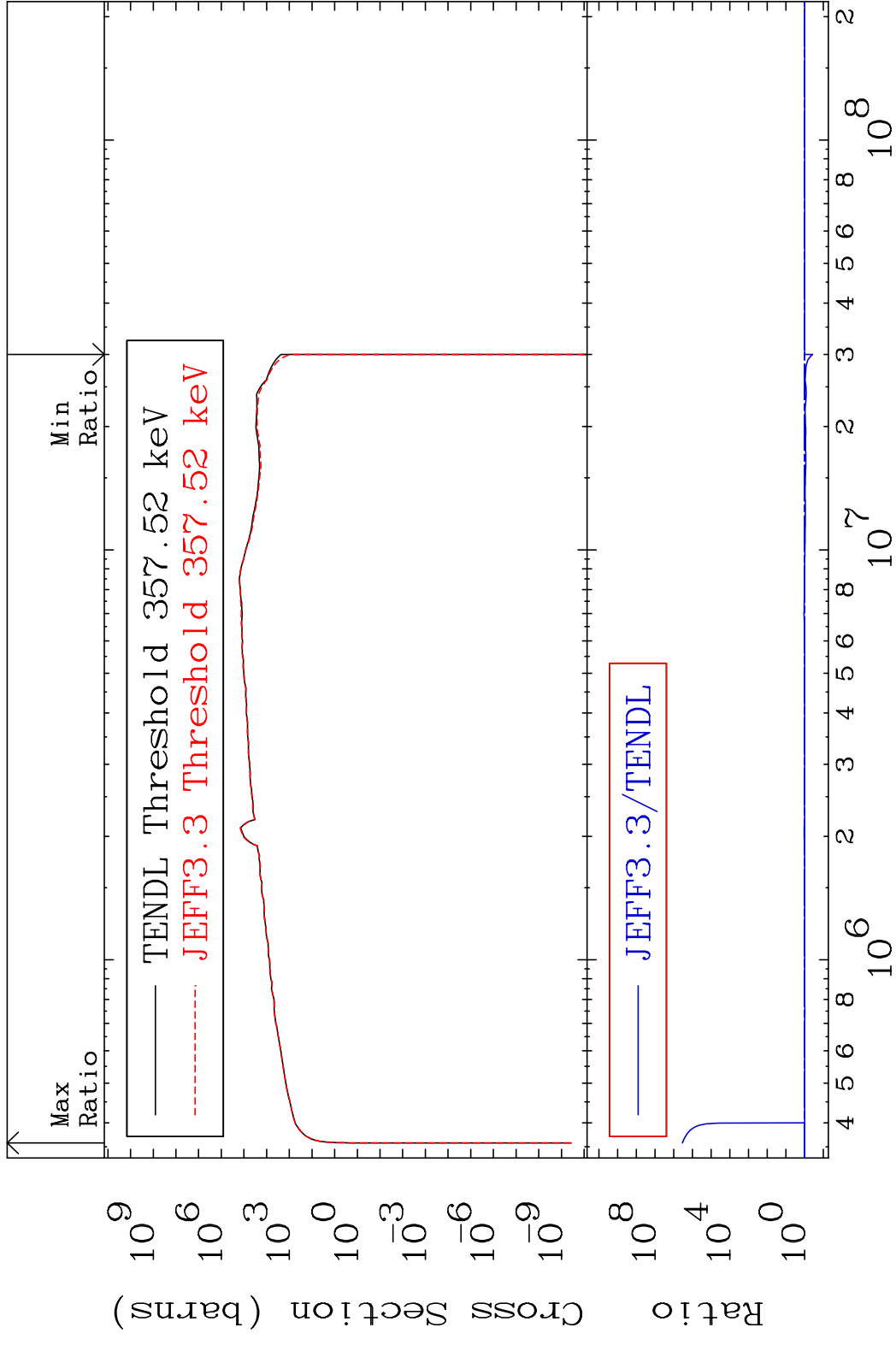
78-Pt-196
-99.95 To 9999. %



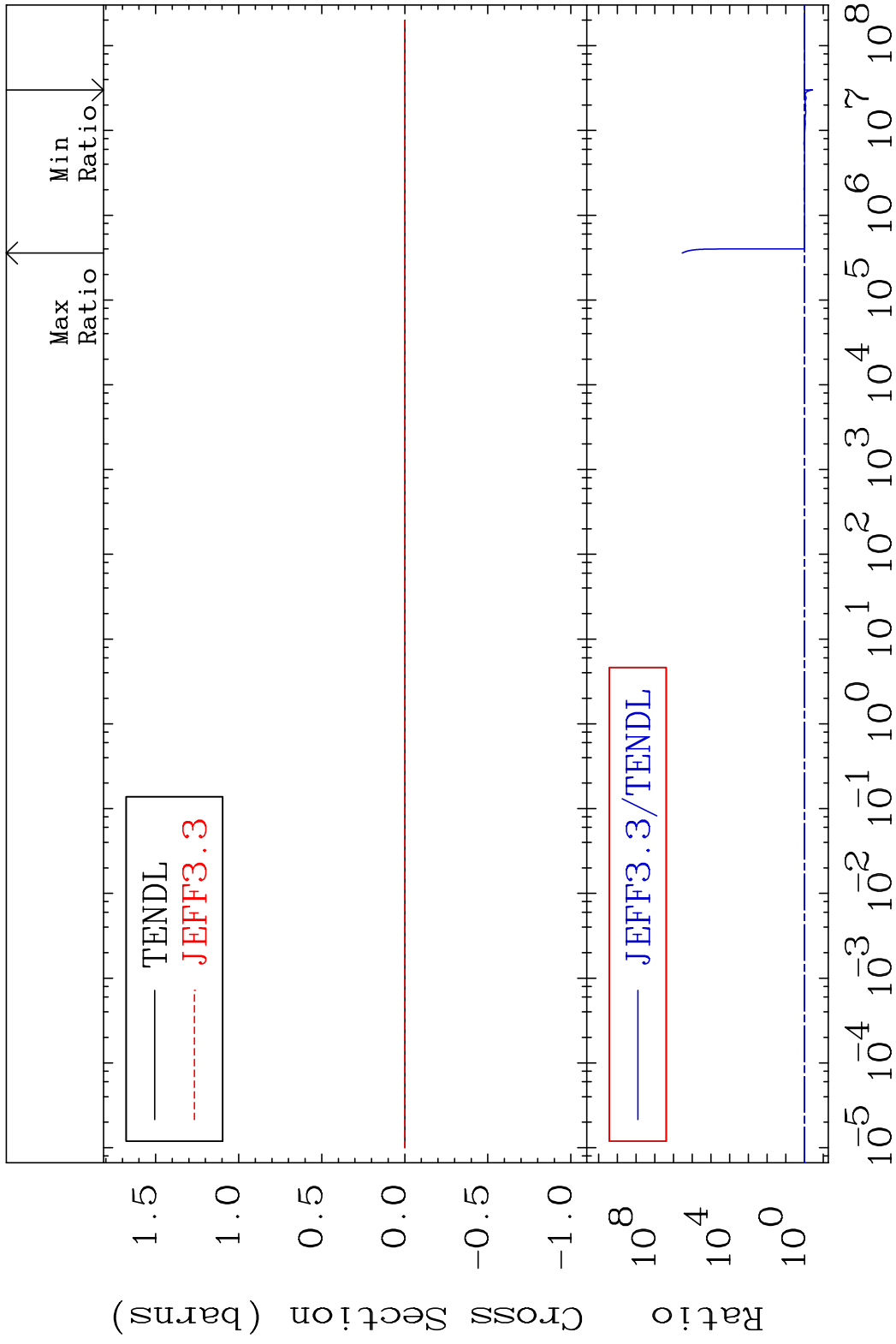
MAT 7843 Kerma non-elastic (all but mt2) 78-Pt-196
 Cross Section -100.0 To 9999. %

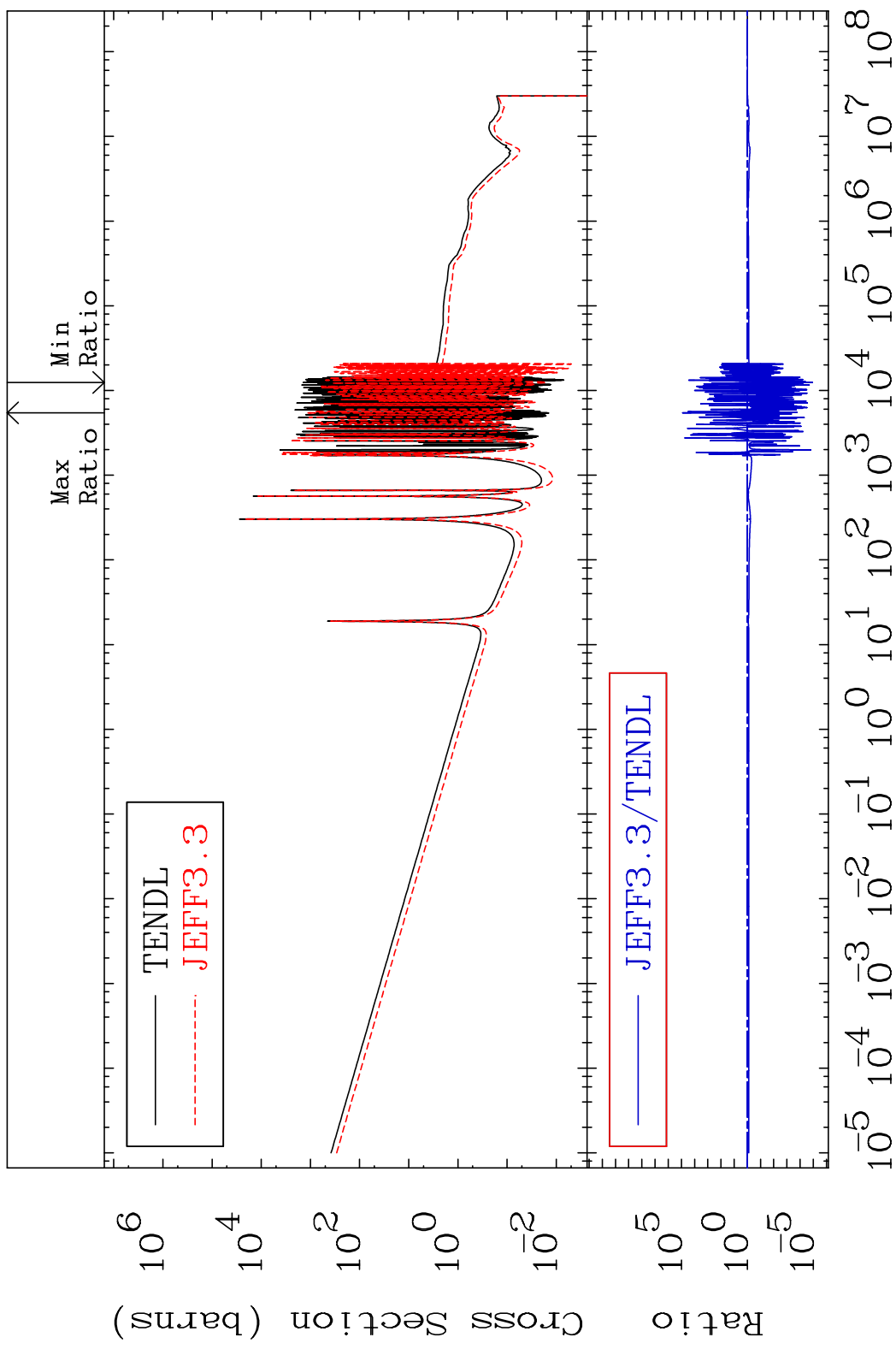


MAT 7843 Kerma inelastic (mt51-91) 78-Pt-196
 Cross Section -62.16 To 9999. %



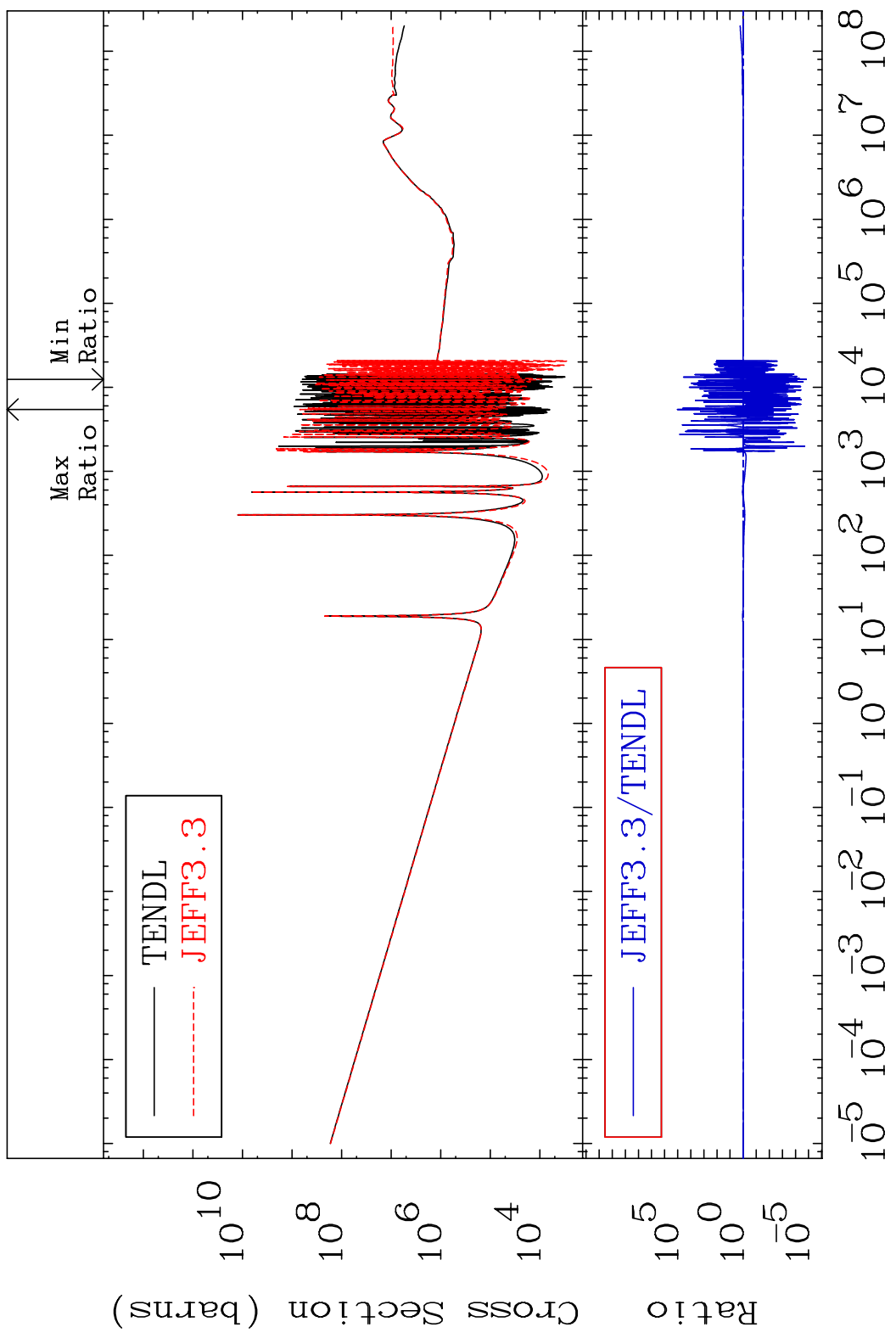
MAT 7843 Kerma fission (mt18 or mt19-20-21-38) 78-Pt-196
 Cross Section -62.16 To 9999. %





MAT 7843

Total photon (eV-barns) 78-Pt-196
Cross Section -100.0 To 9999. %

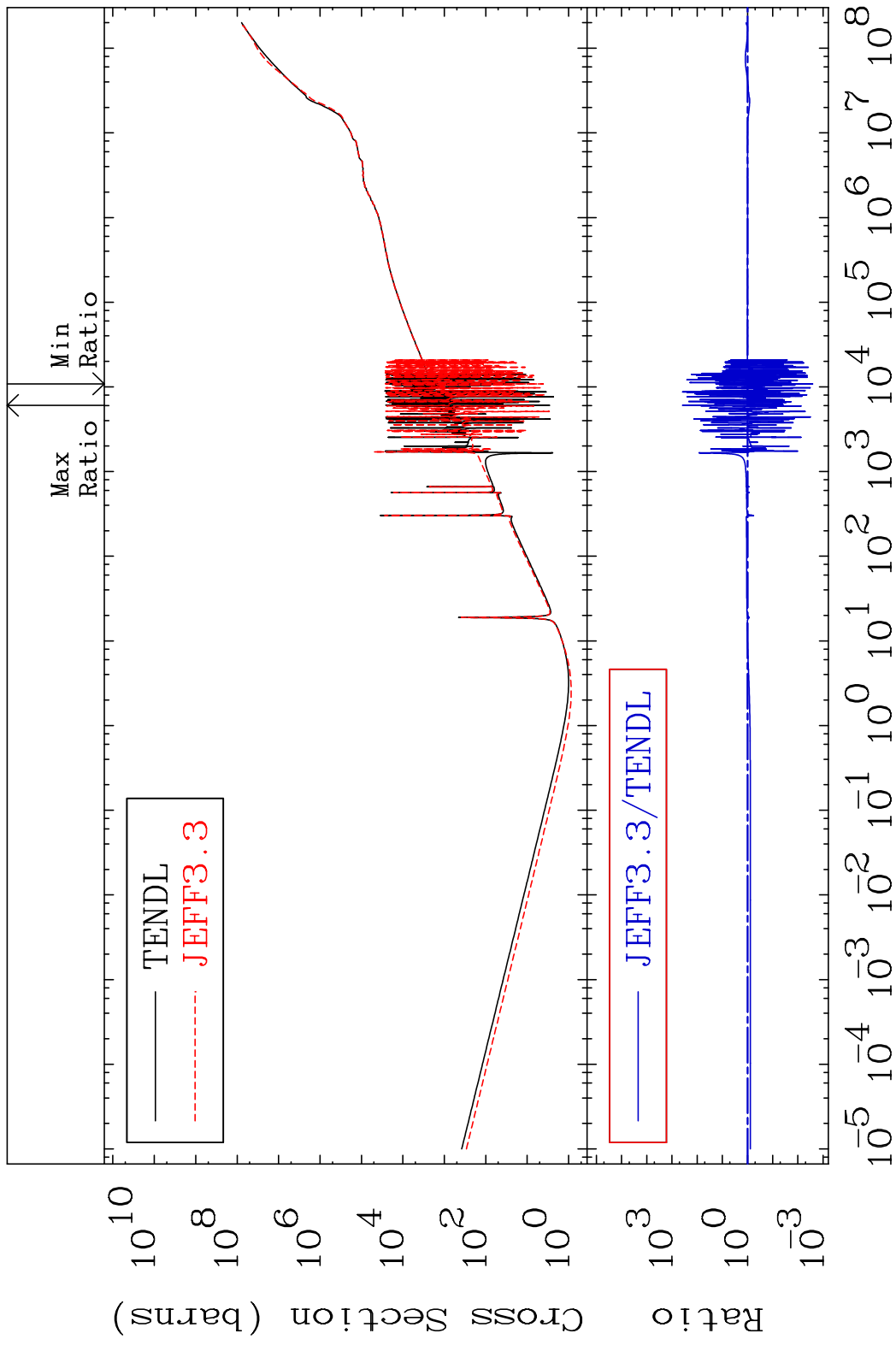


67

Incident Energy (eV)

78-Pt-196

MAT 7843 Total kinematic kerma (high limit) 78-Pt-196
 Cross Section -99.74 To 9999. %

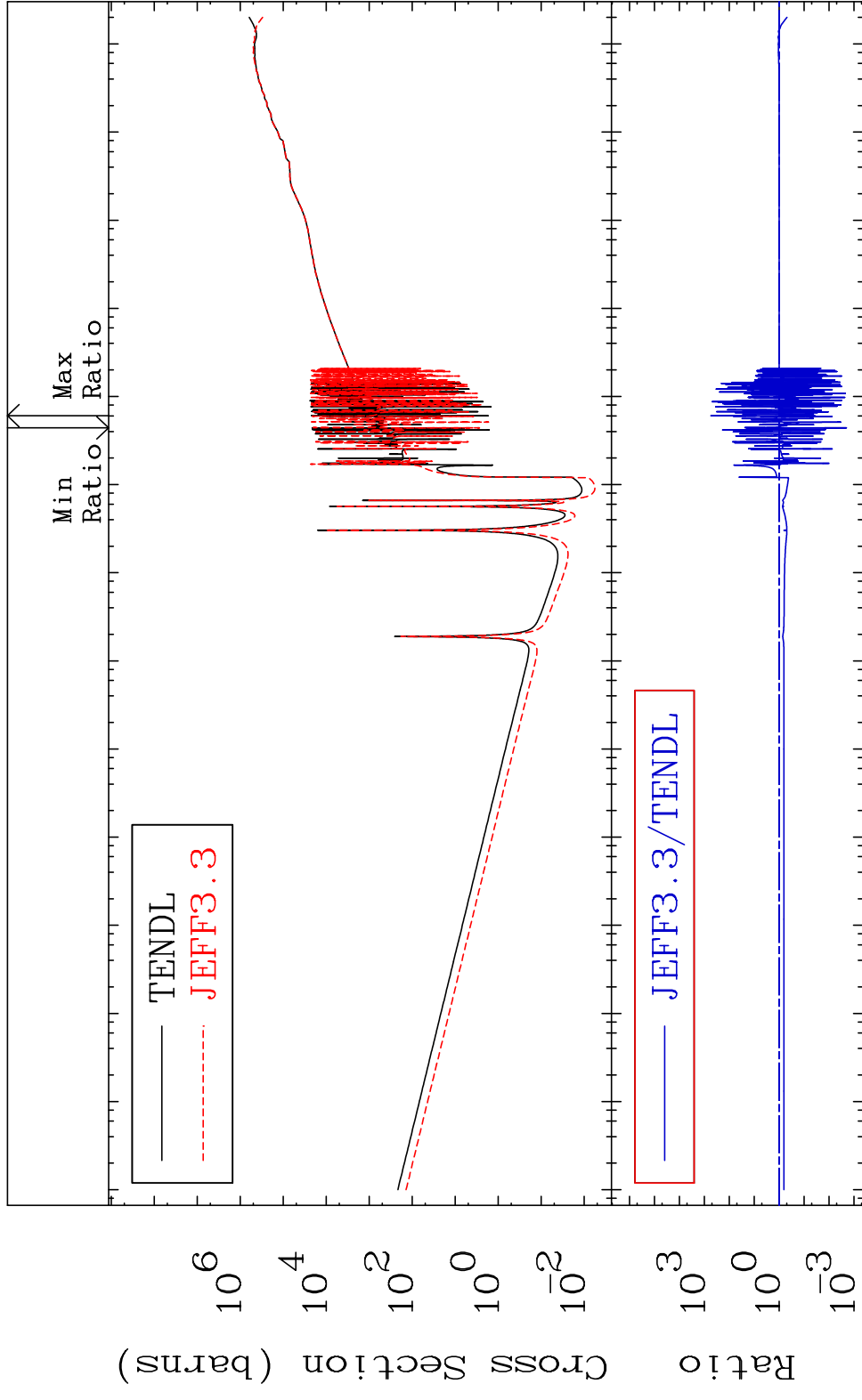


MAT 7843

Dpa total (eV-barns)

78-Pt-196

Cross Section -99.80 To 9999. %



69

Incident Energy (eV)

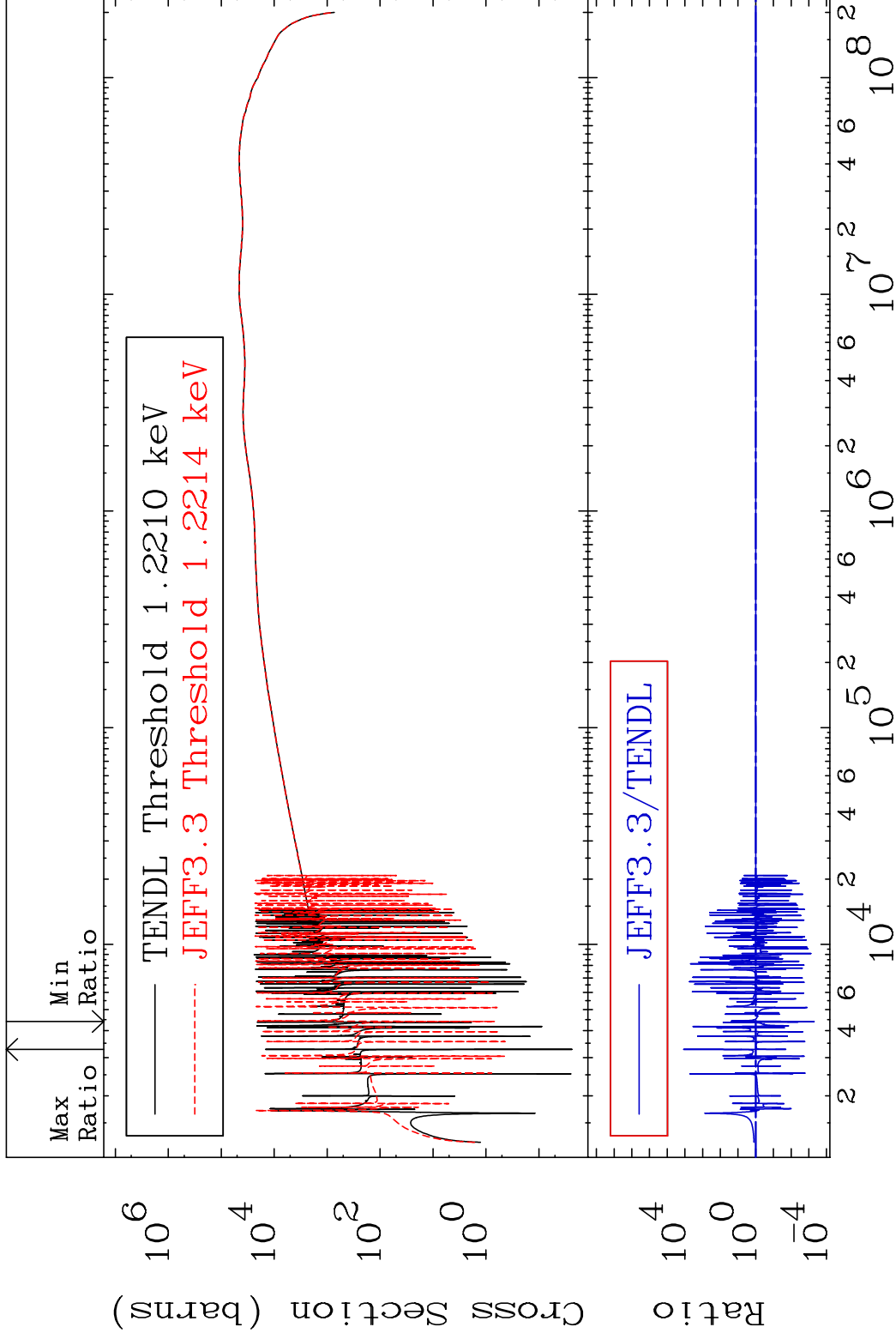
78-Pt-196

MAT 7843

Dpa elastic (mt2)

78-Pt-196

Cross Section -99.95 To 9999. %

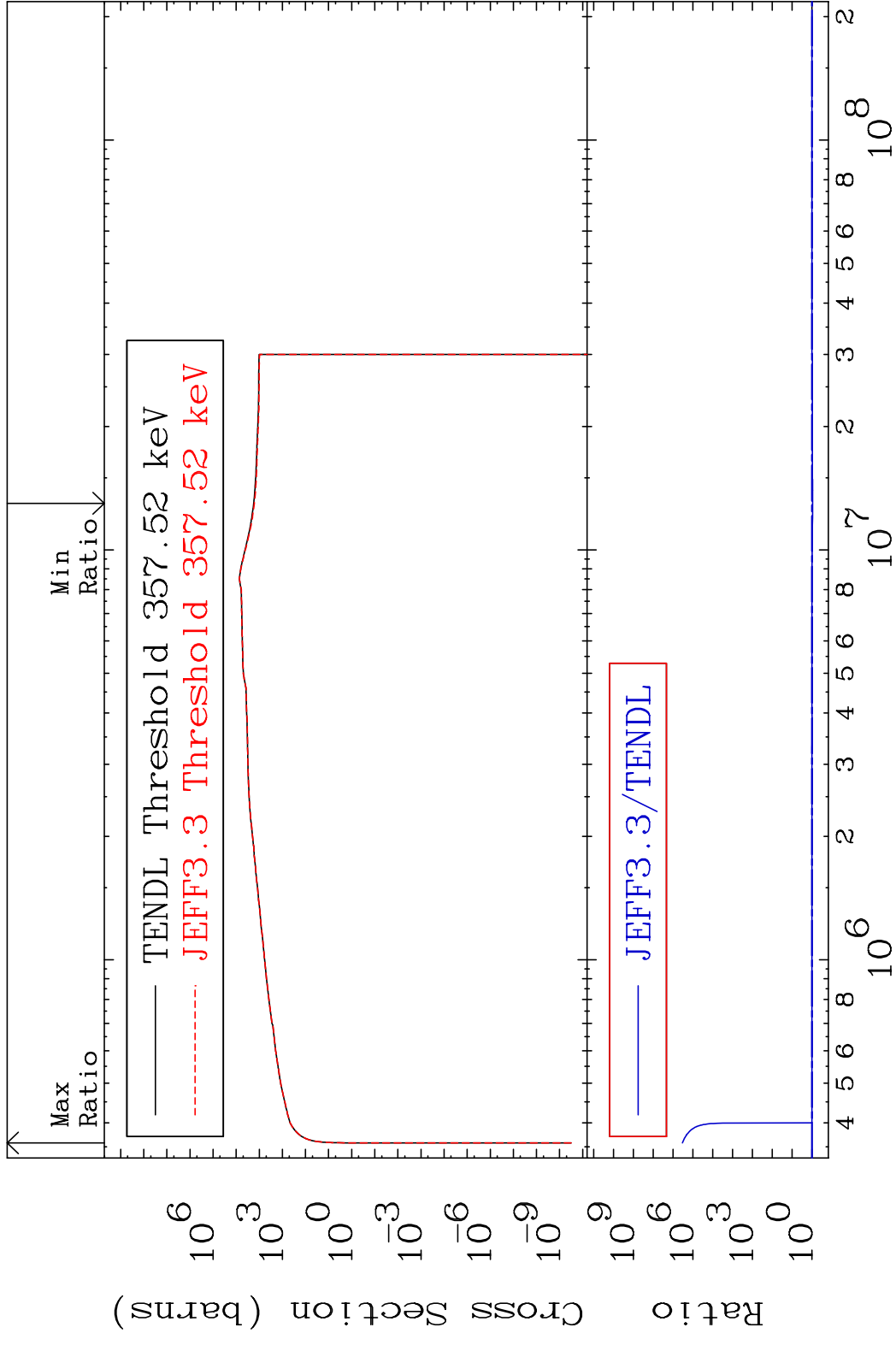


70

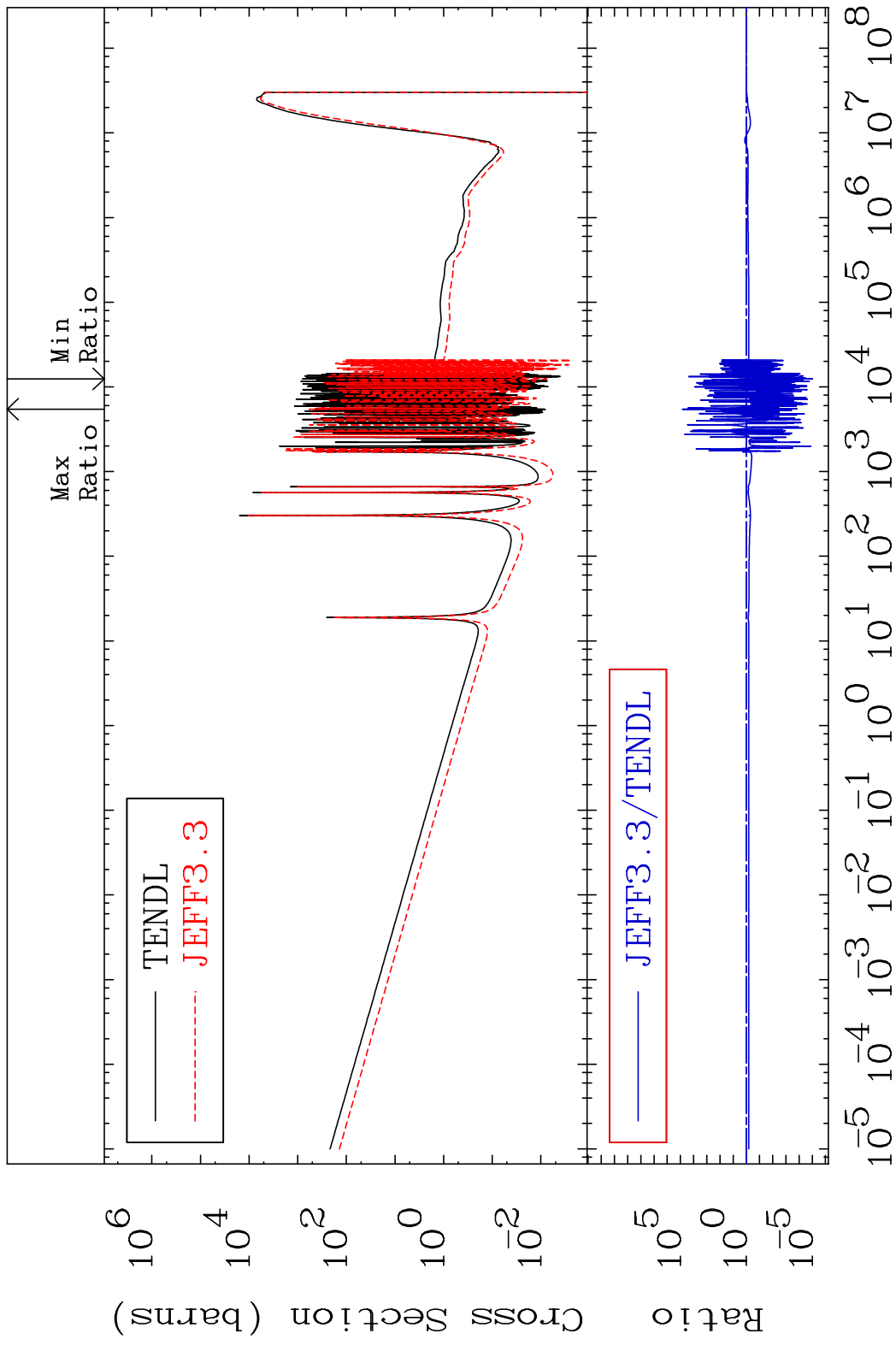
Incident Energy (eV)

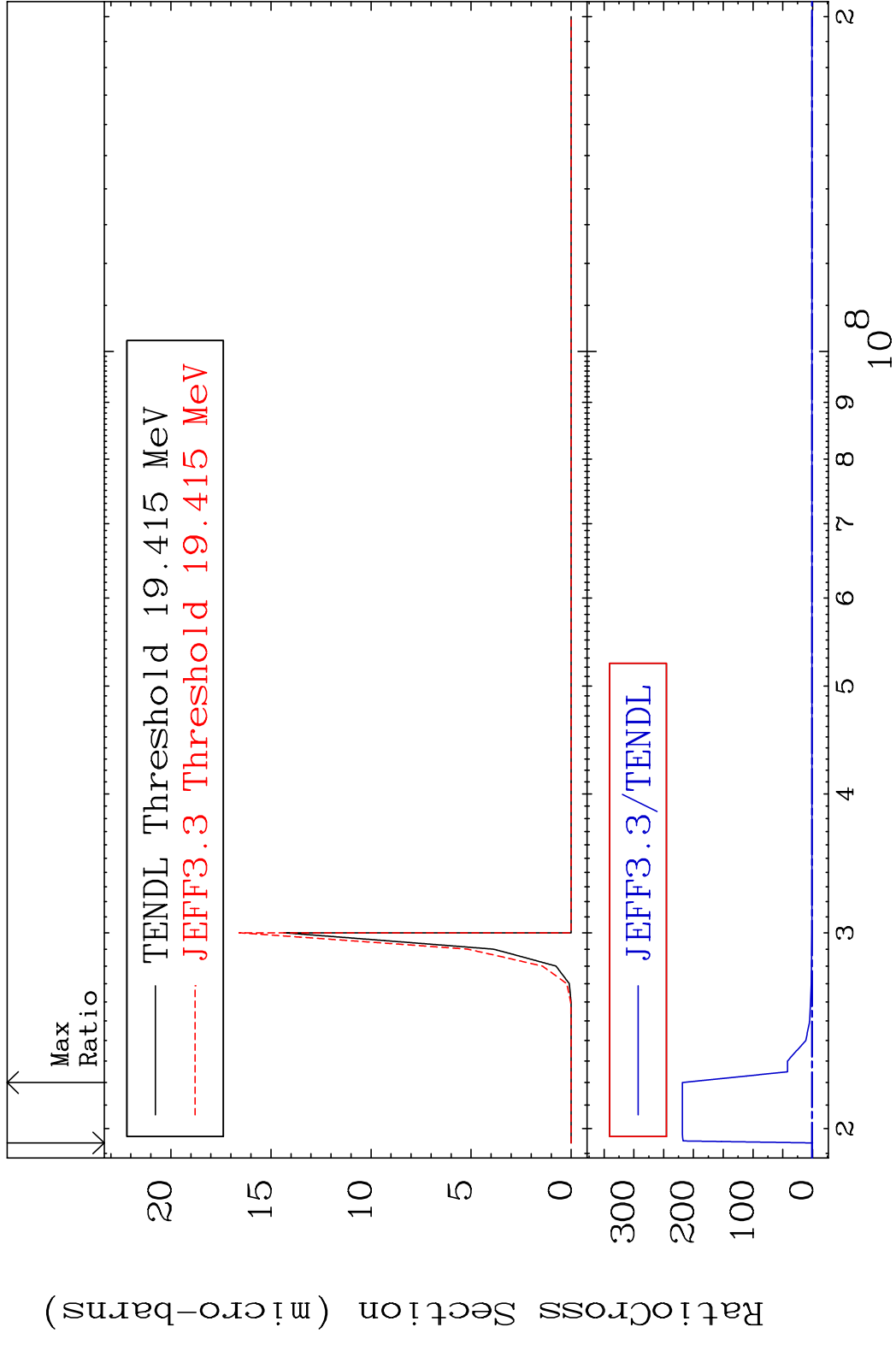
78-Pt-196

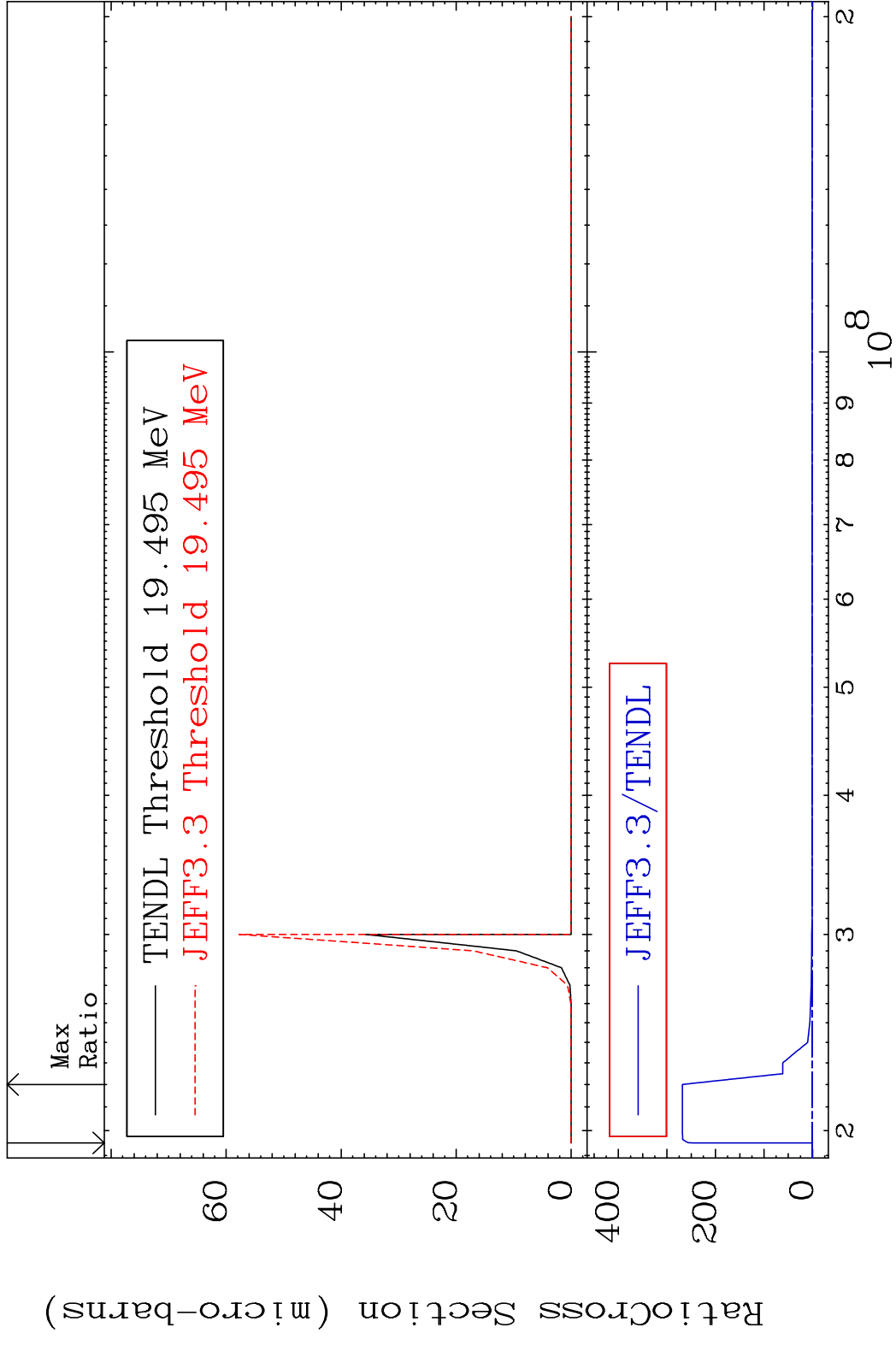
MAT 7843 Dpa inelastic (mt51-91) 78-Pt-196
 Cross Section -6.713 To 9999. %



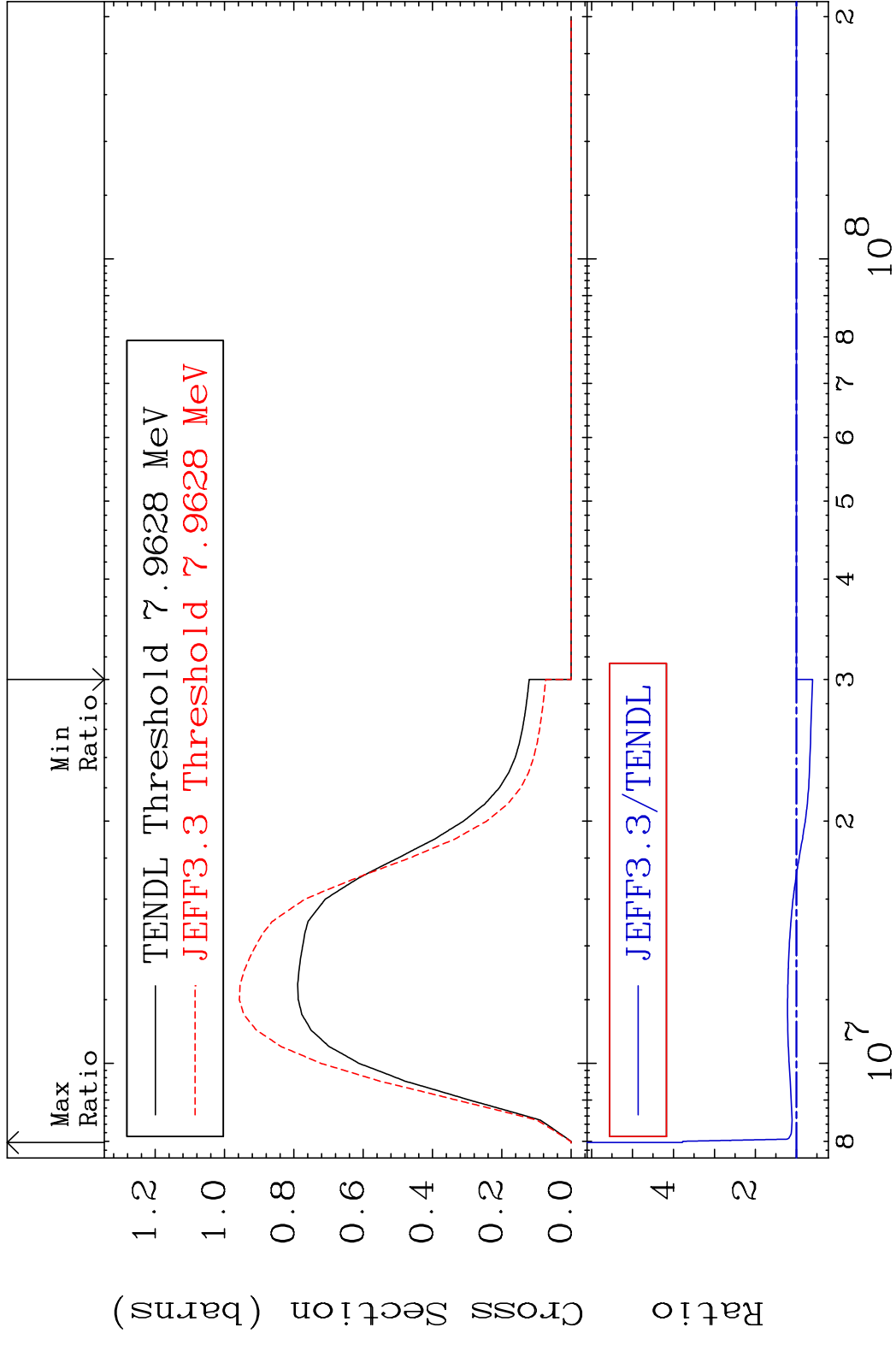
MAT 7843 Dpa disappearance (mt102 -120) 78-Pt-196
 Cross Section -100.0 To 9999. %



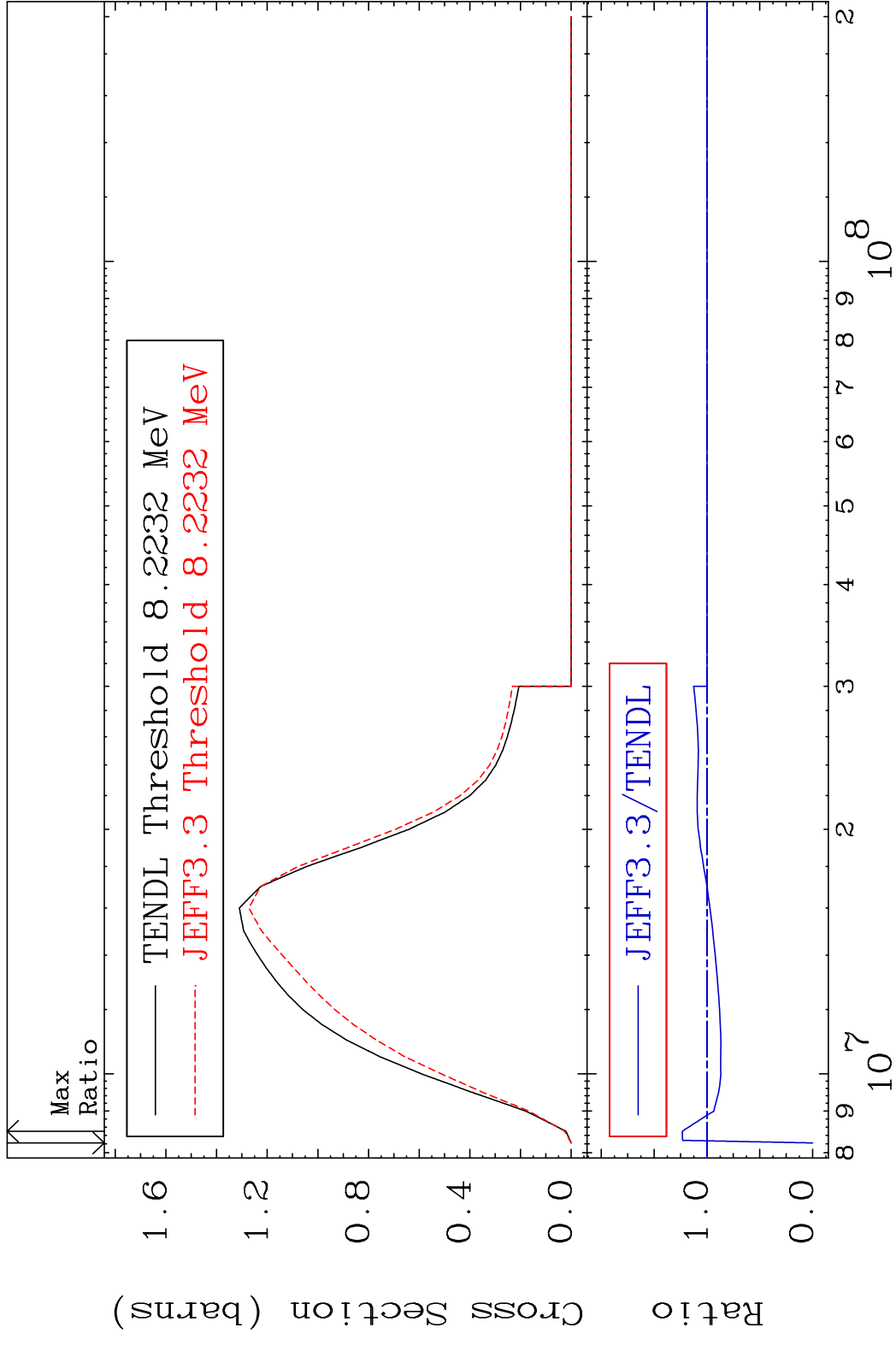




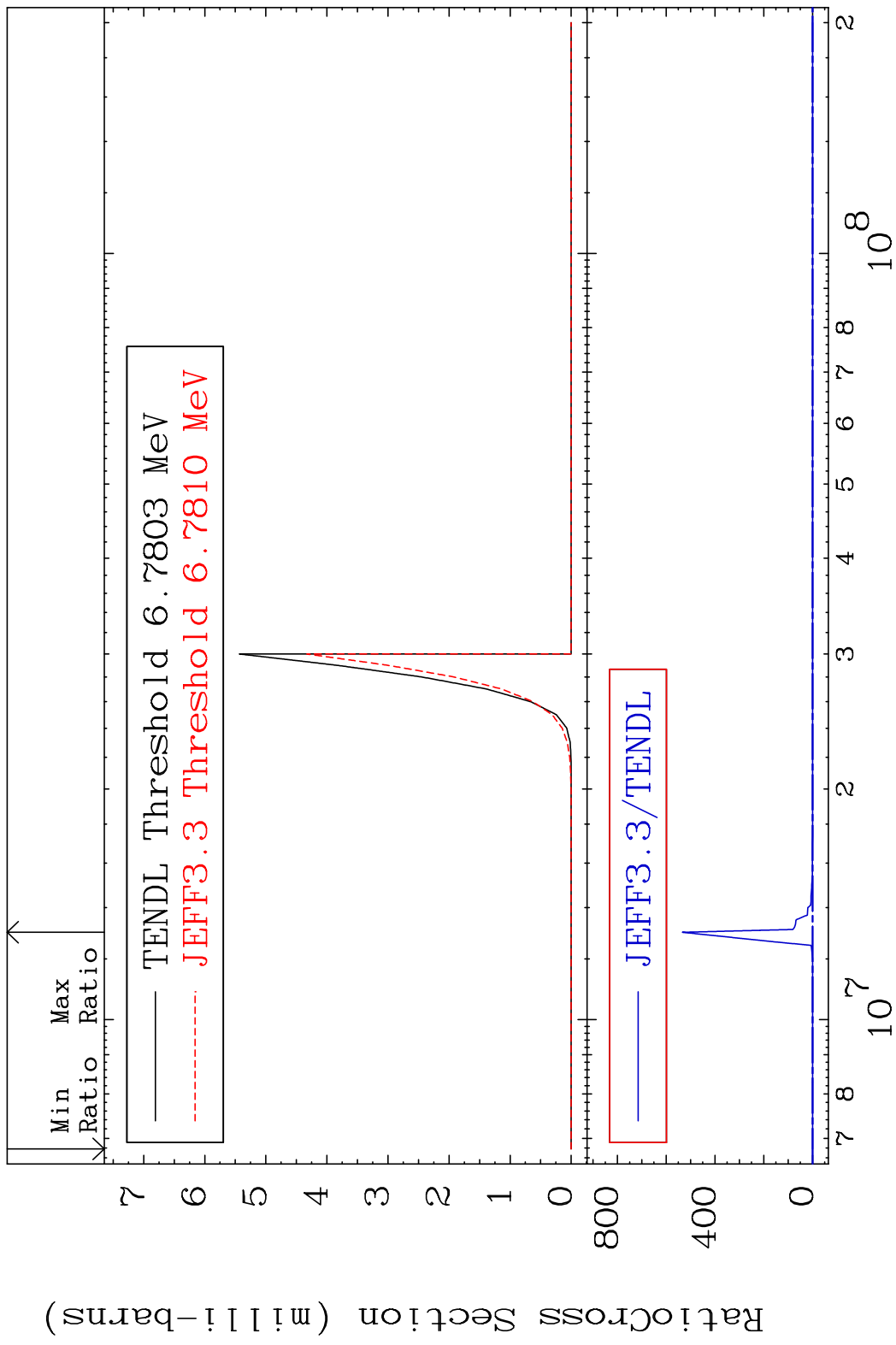
MAT 7843 (n,2n):78-Pt-195g 78-Pt-196
 Radionuclide Production Cross Section 39.281 dno 278.4 %

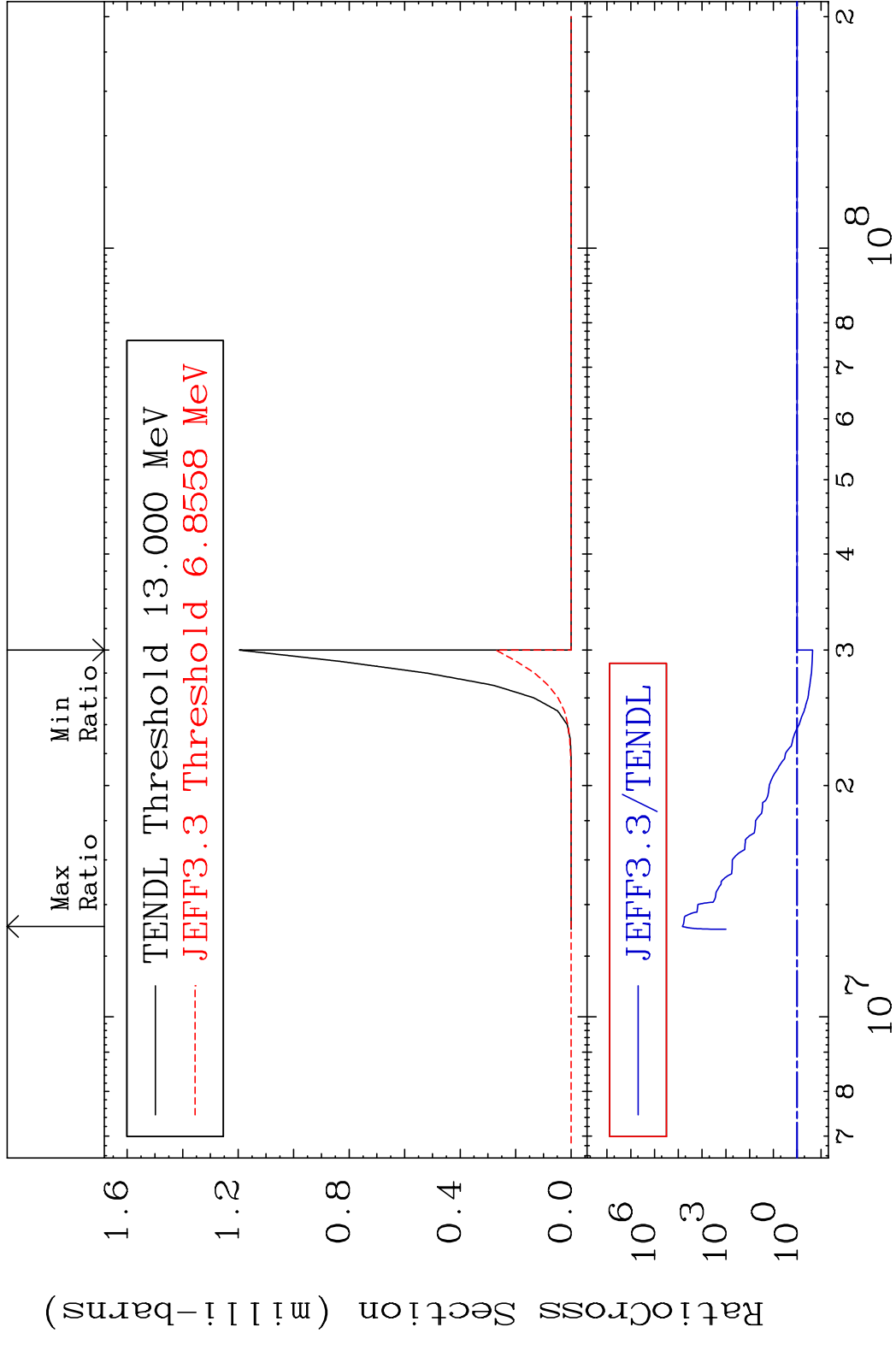


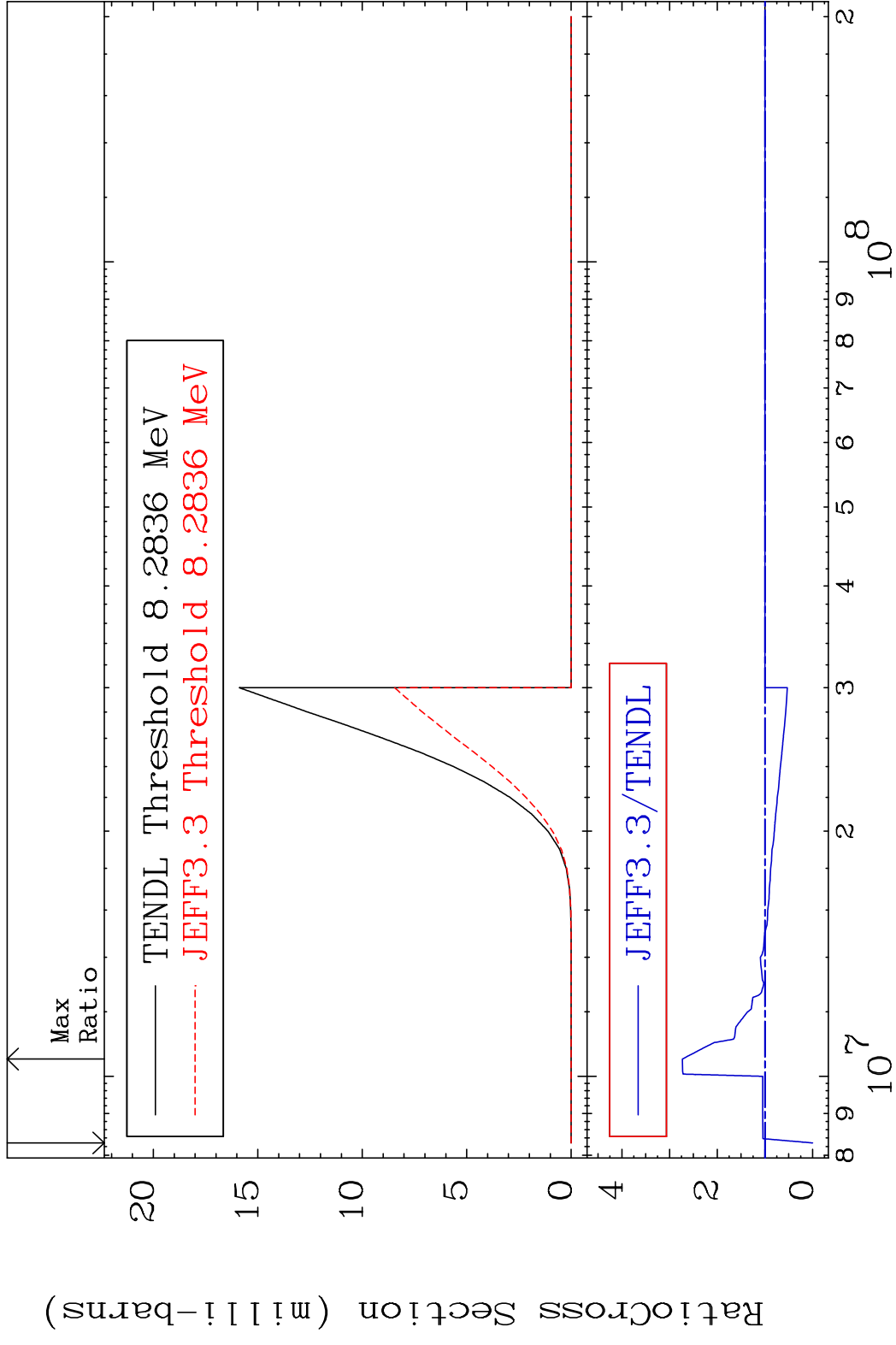
MAT 7843 (n,2n):78-Pt-195m7 78-Pt-196
 Radionuclide Production Cross Section Ratio 23.27 %

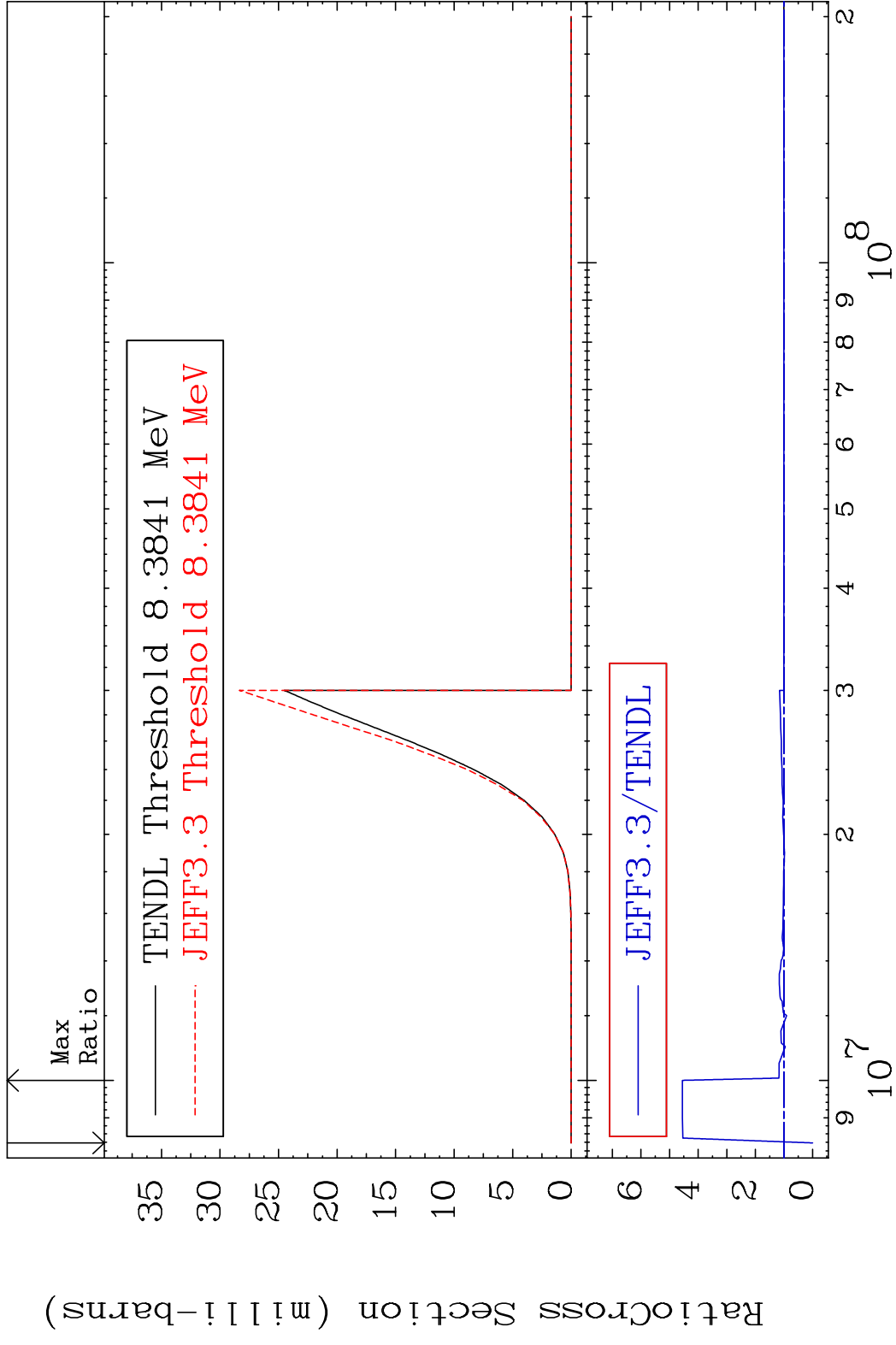


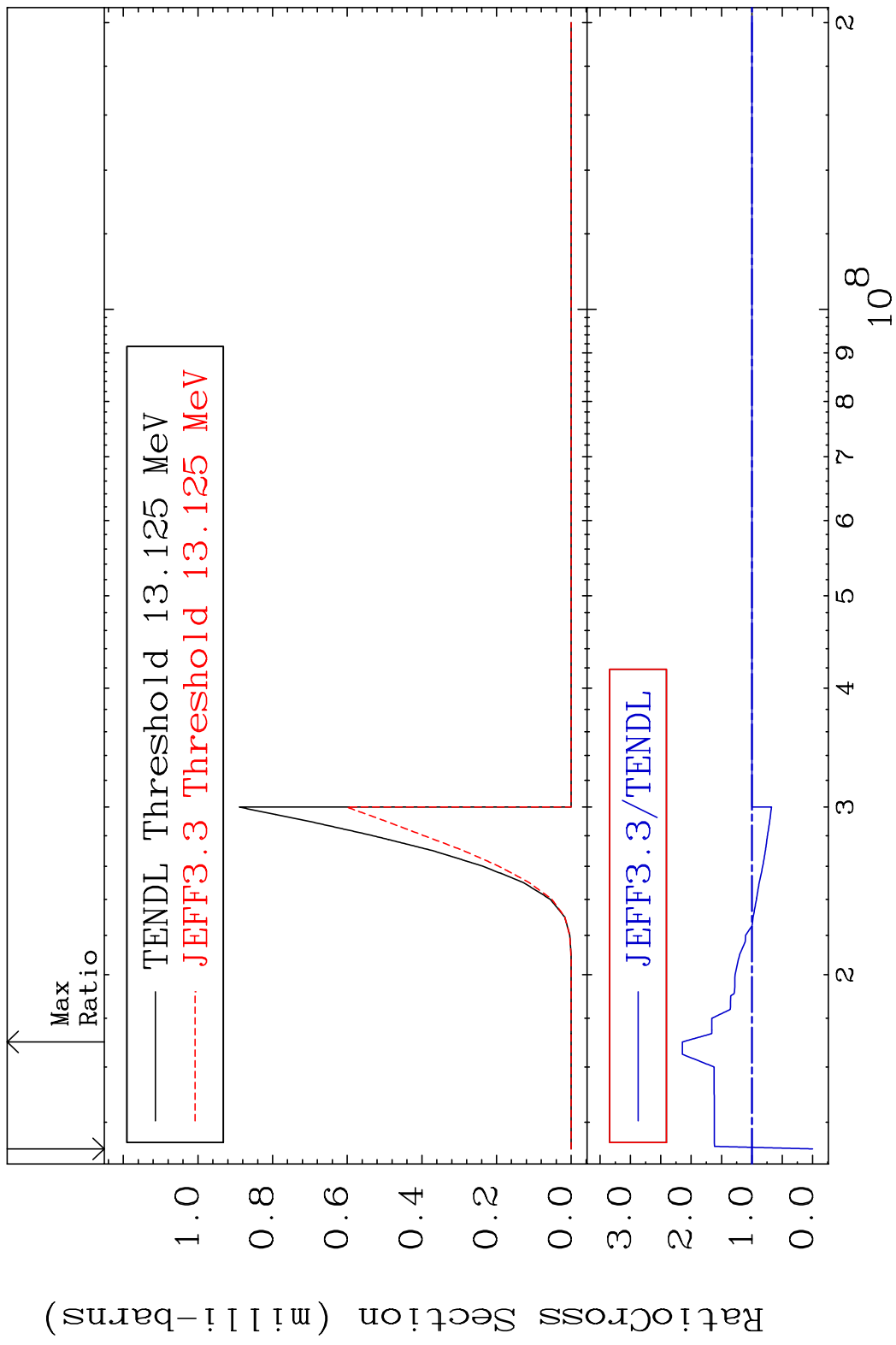
MAT 7843 (n,2n) α :76-Os-191g 78-Pt-196
 Radionuclide Production Cross Section Ratio 9999. %

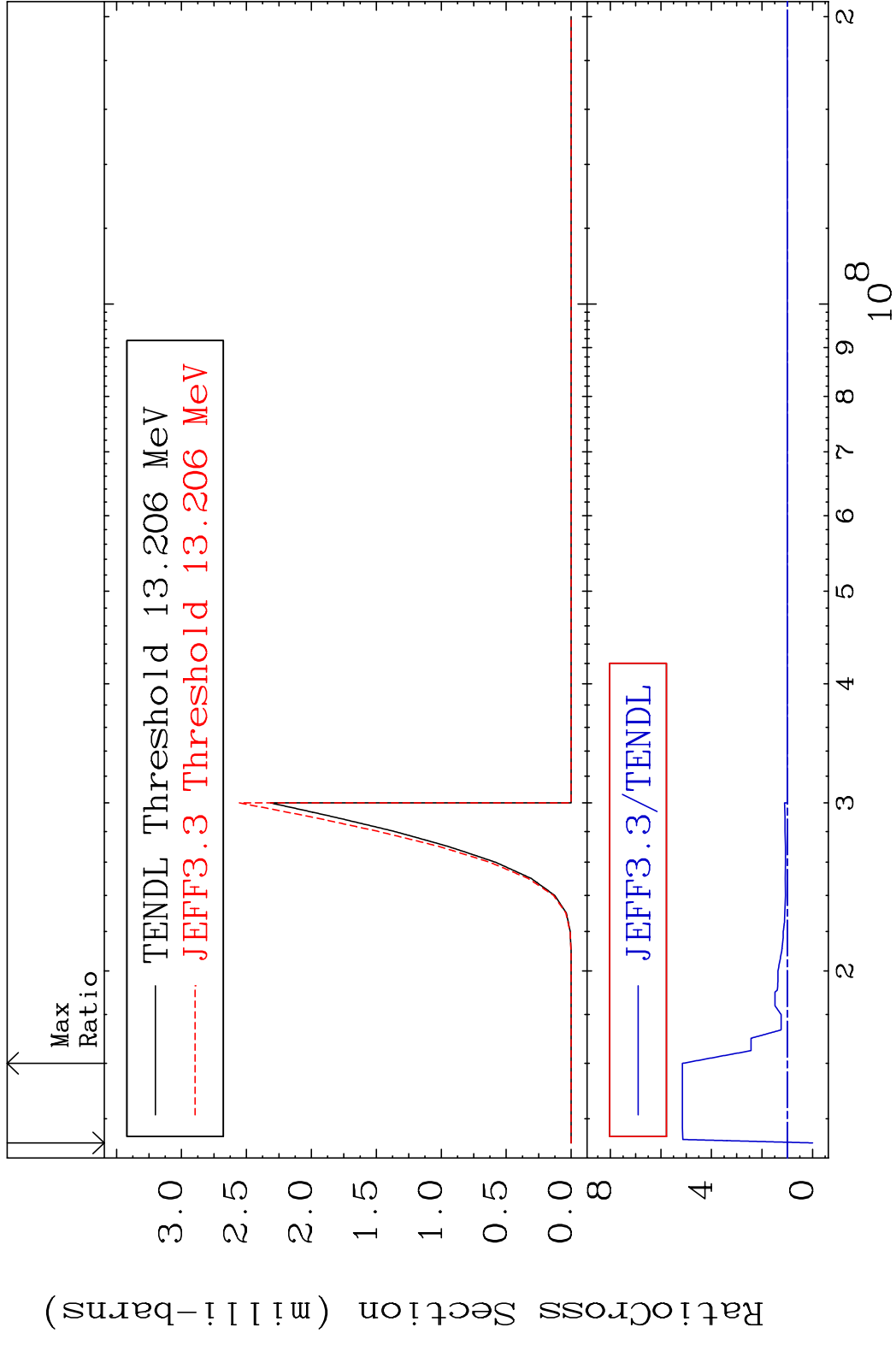




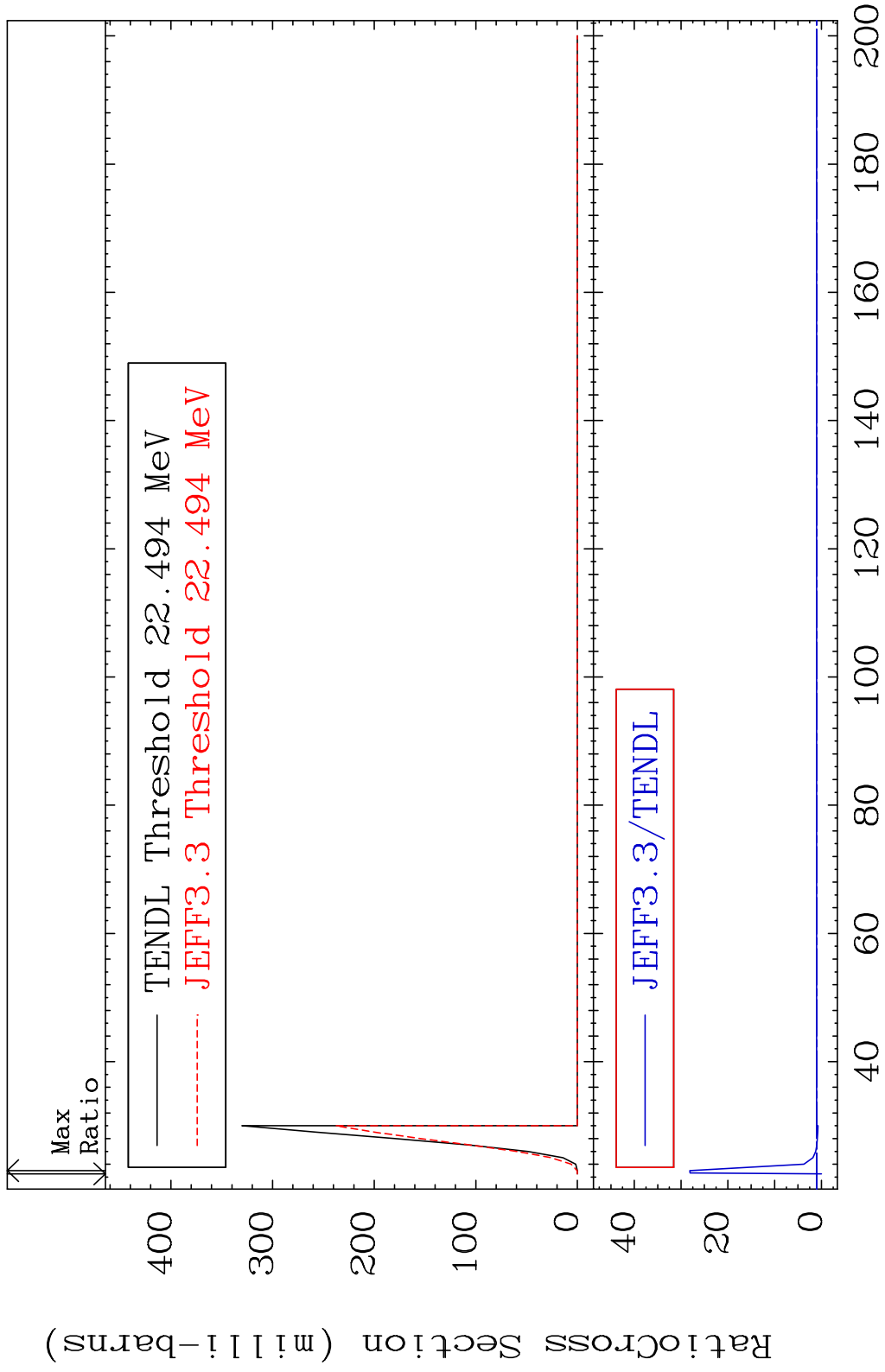




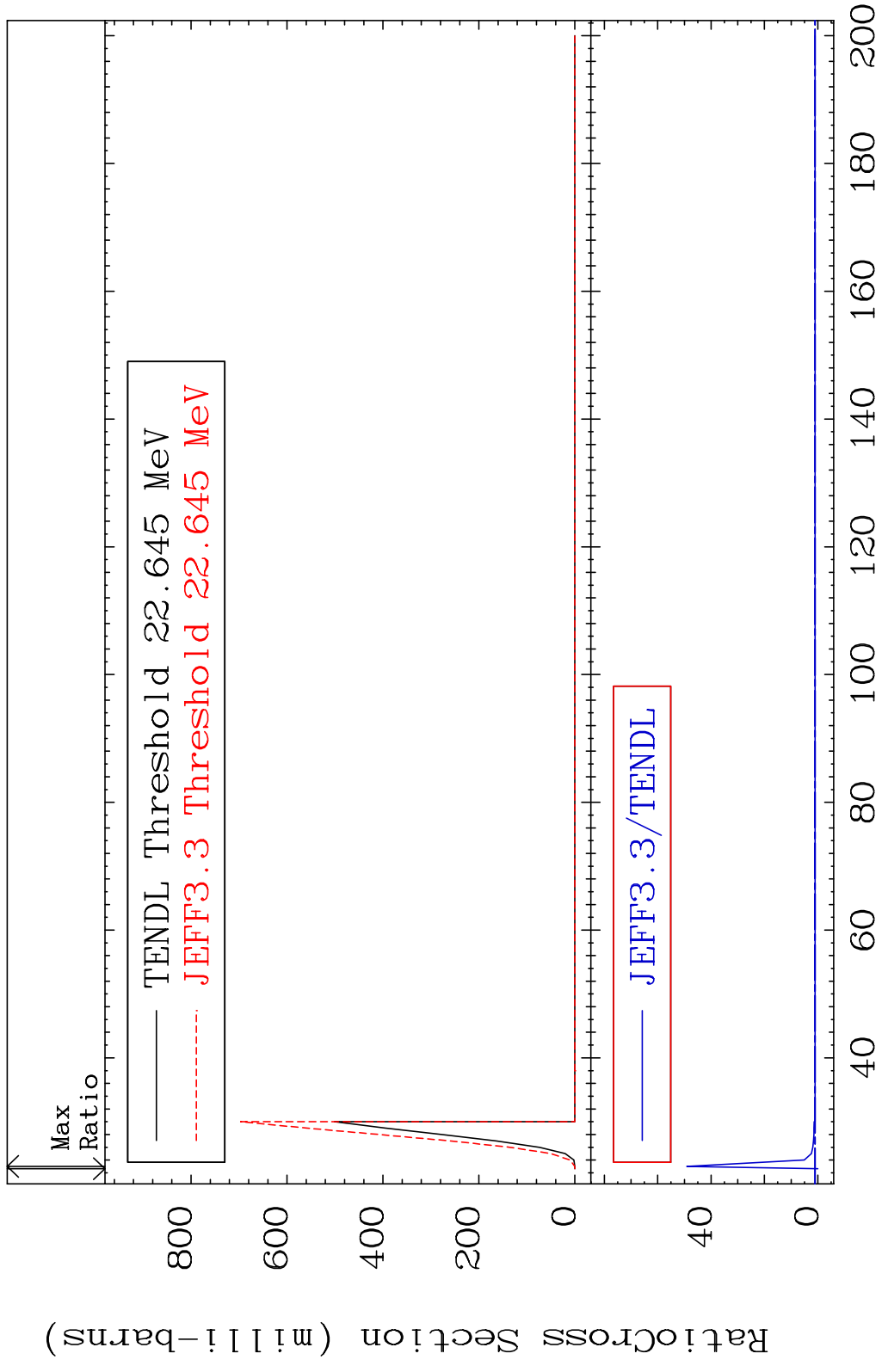


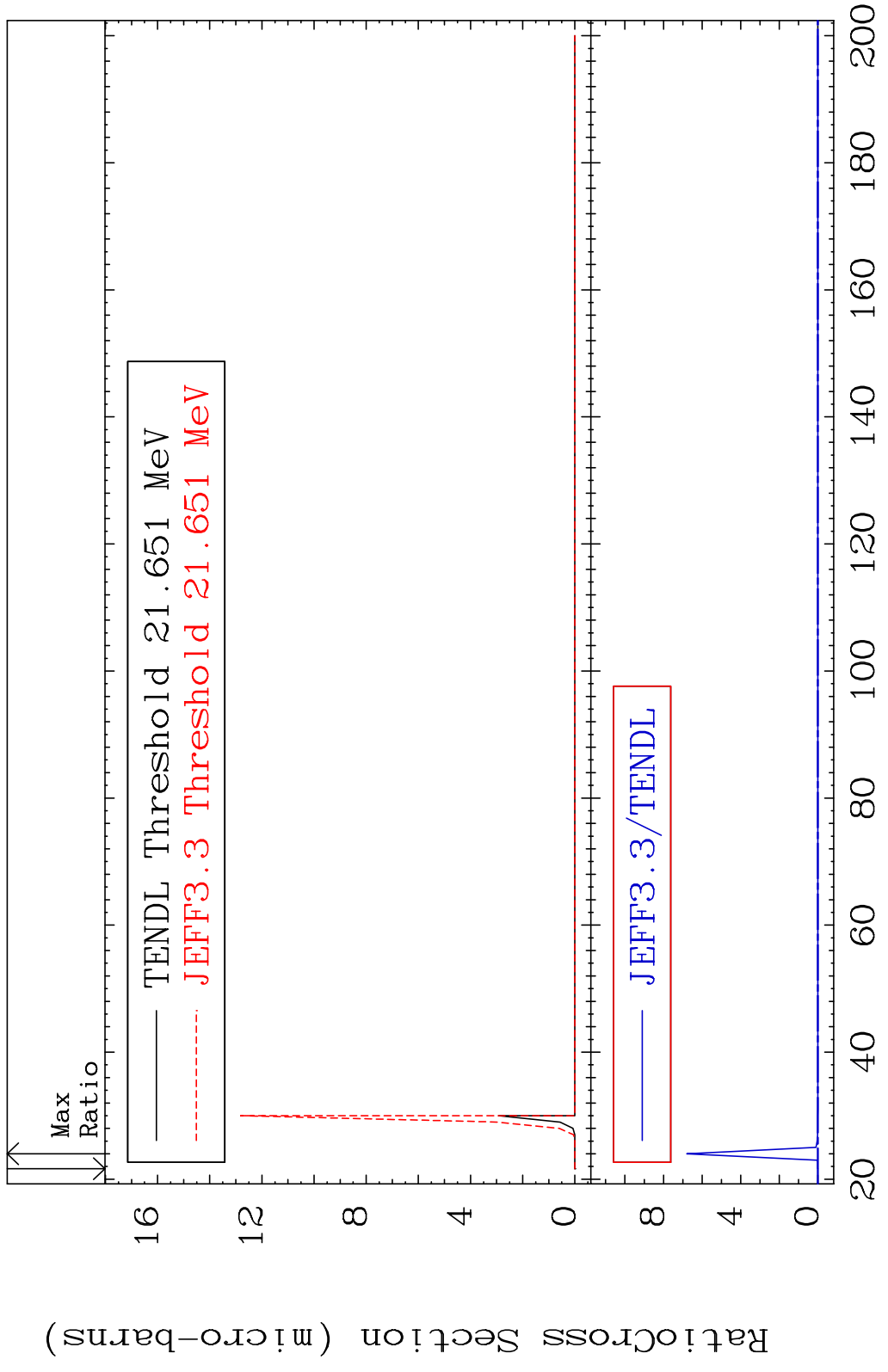


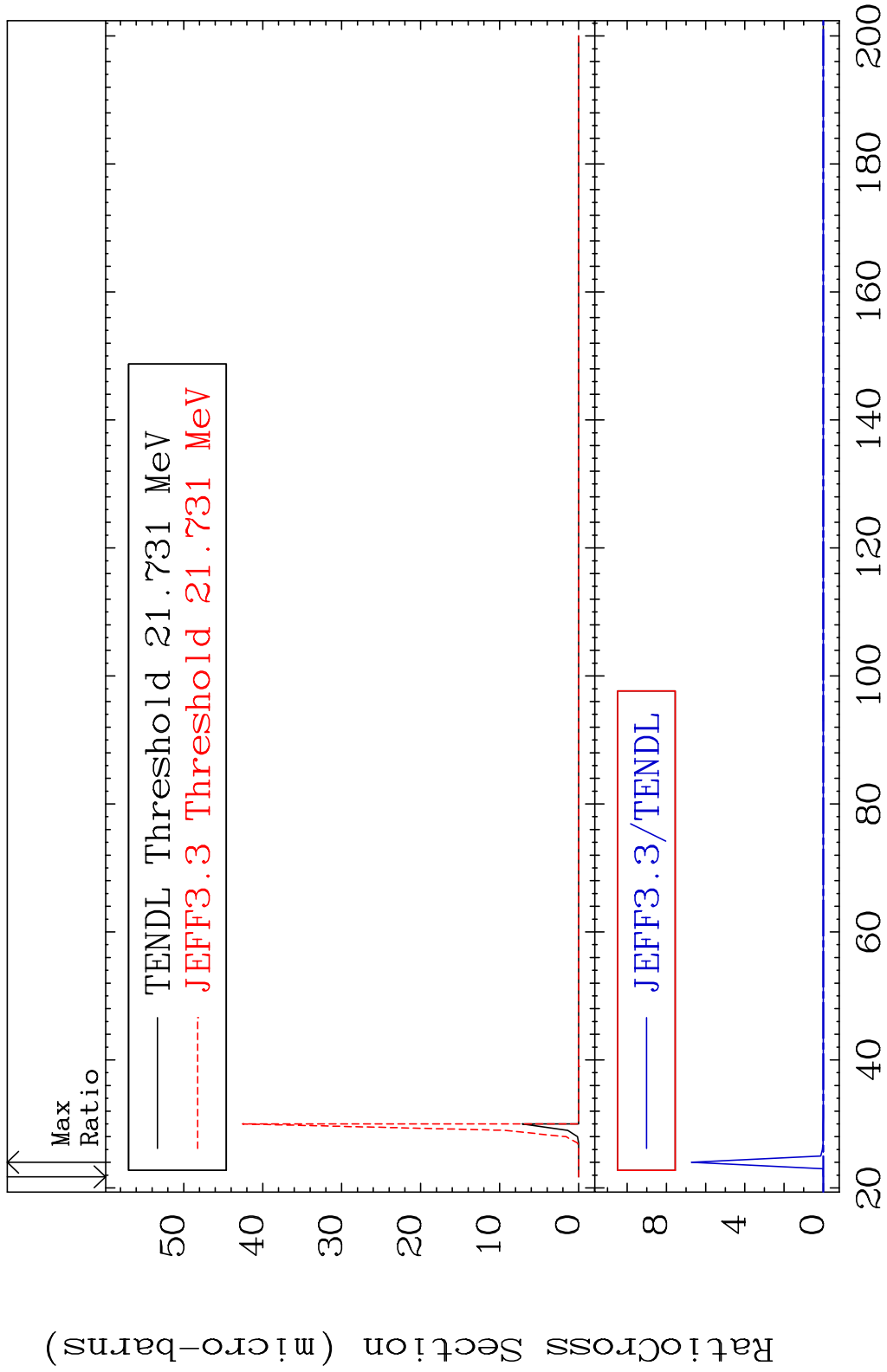
MAT 7843 (n,4n):78-Pt-193g 78-Pt-196
 Radionuclide Production Cross Section Ratio 2713. %

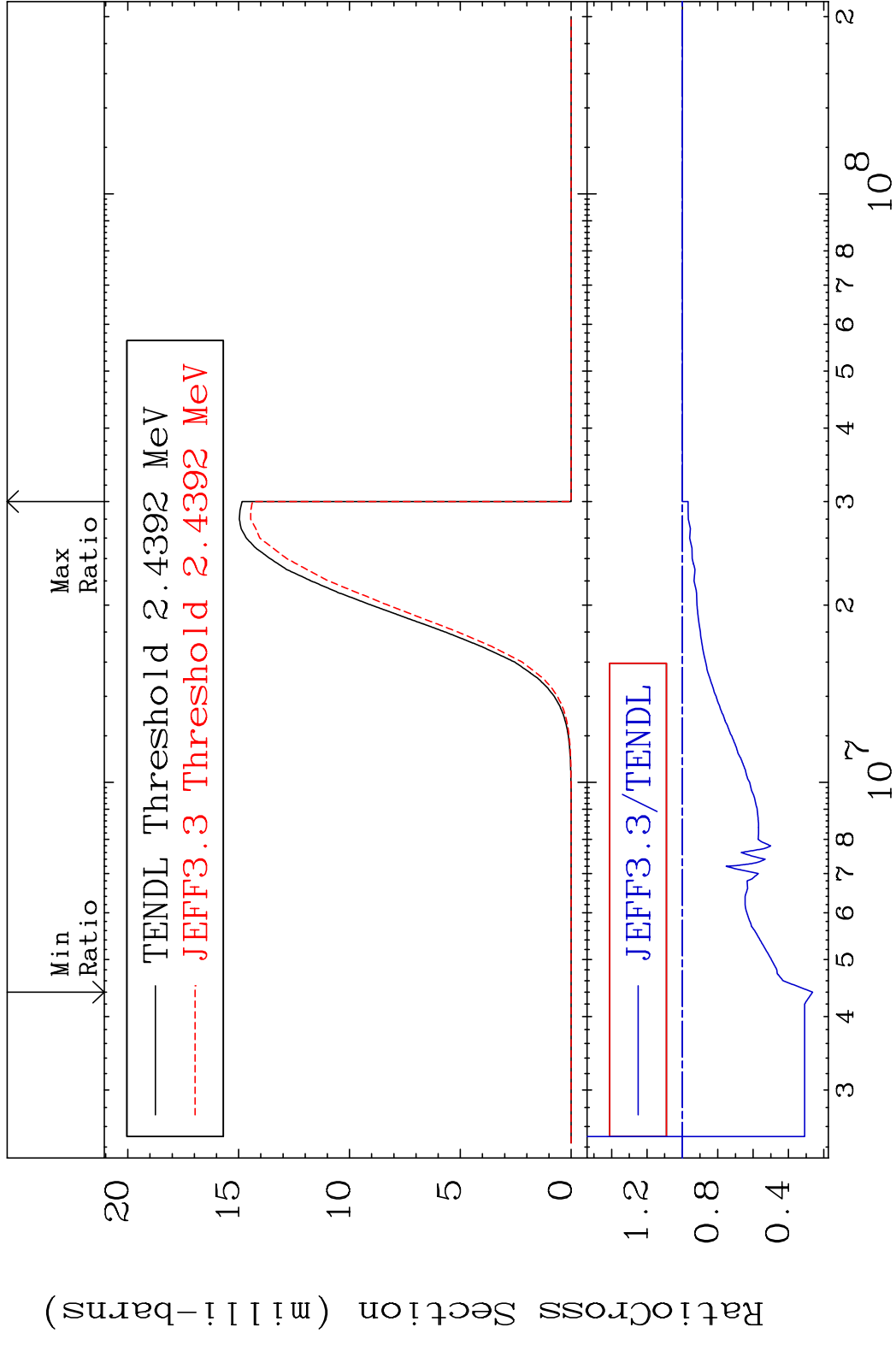


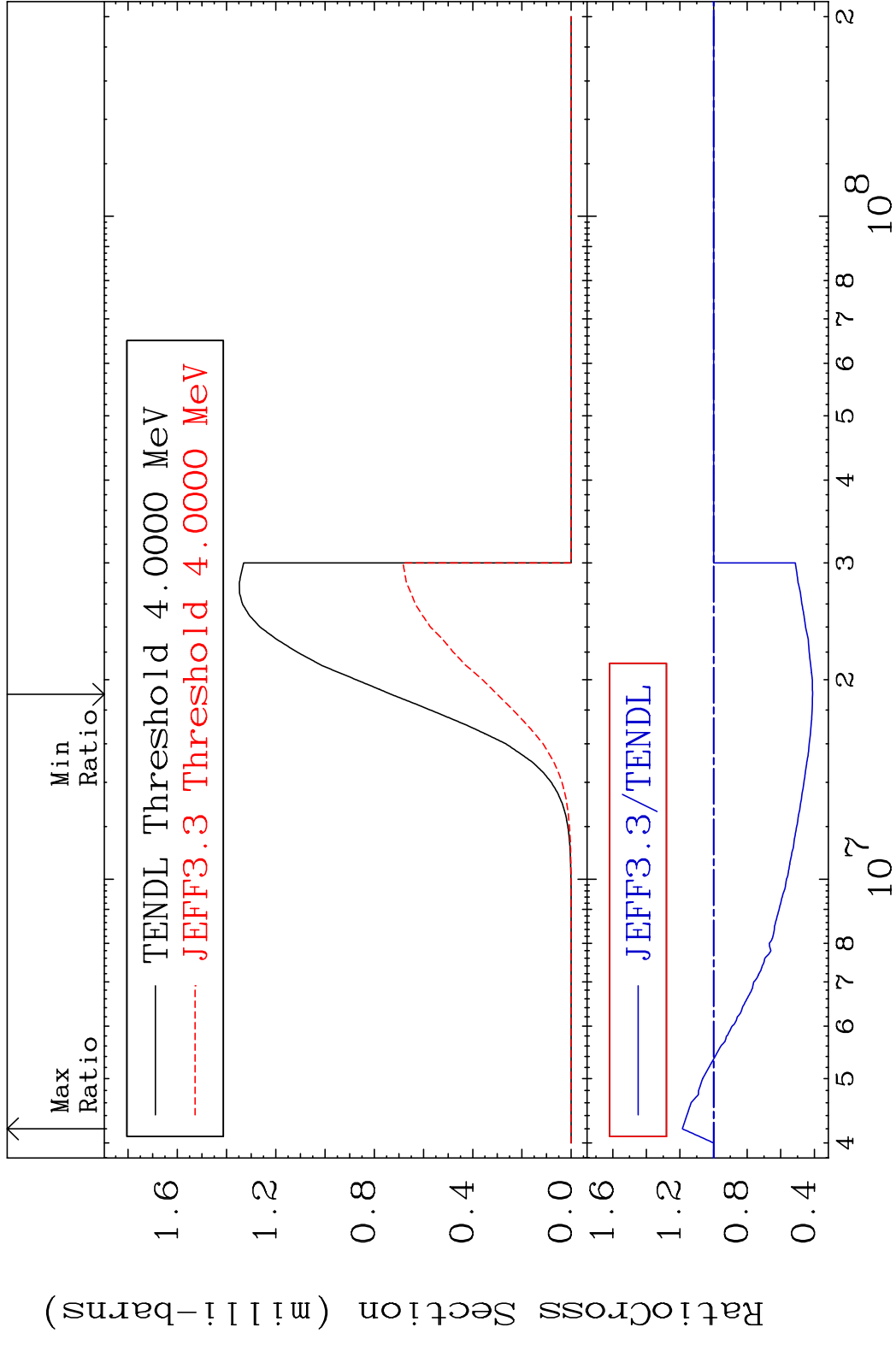
MAT 7843 (n, 4n):78-Pt-193m5 78-Pt-196
 Radionuclide Production Cross Section 180.01 dth 4812. %

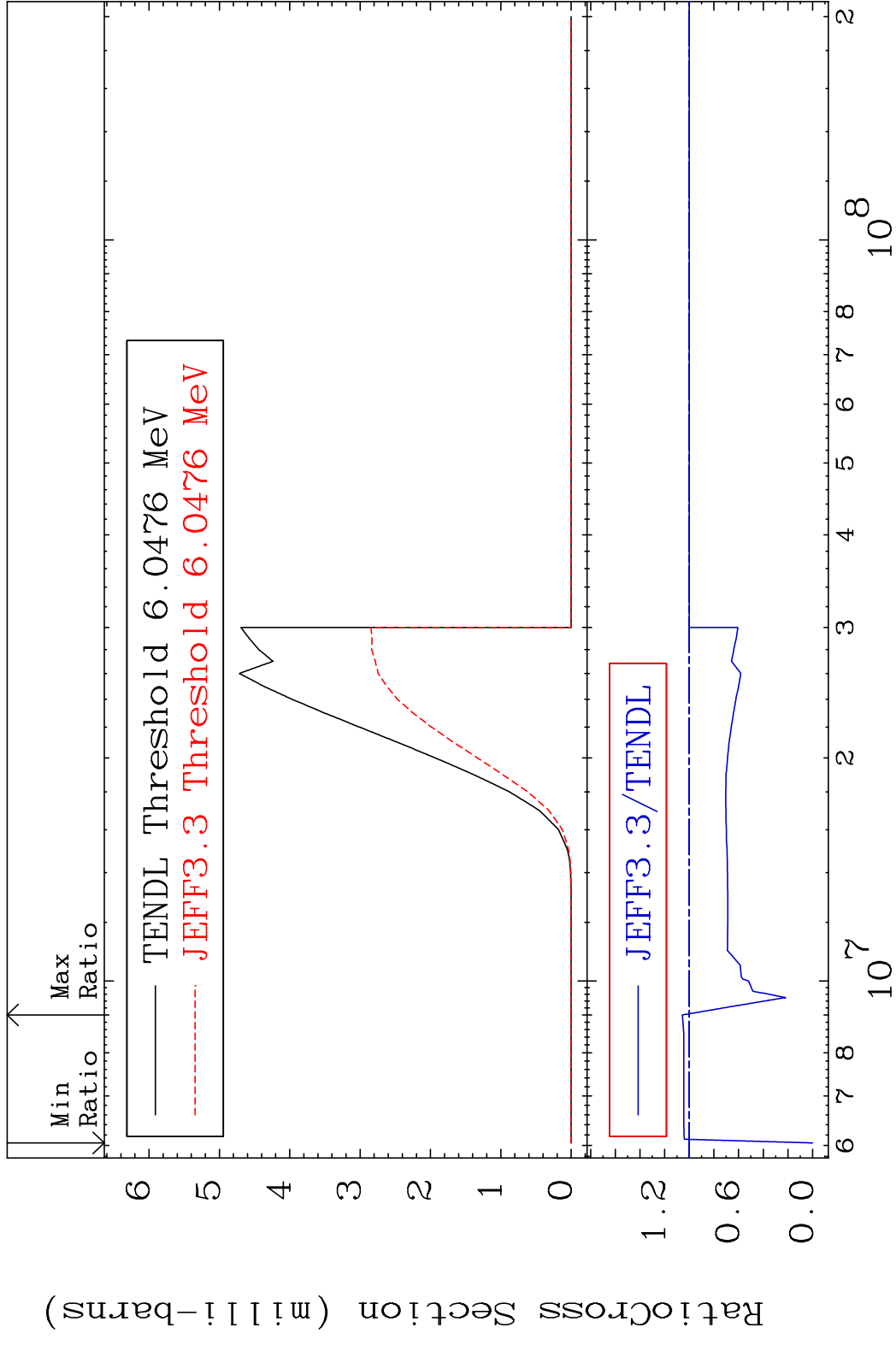












MAT 7843 (n, d): 77-Ir-195m2 78-Pt-196
 Radionuclide Production Cross Section Ratio 26.03 %

