

Program Complot
(Version 2021-1)

by

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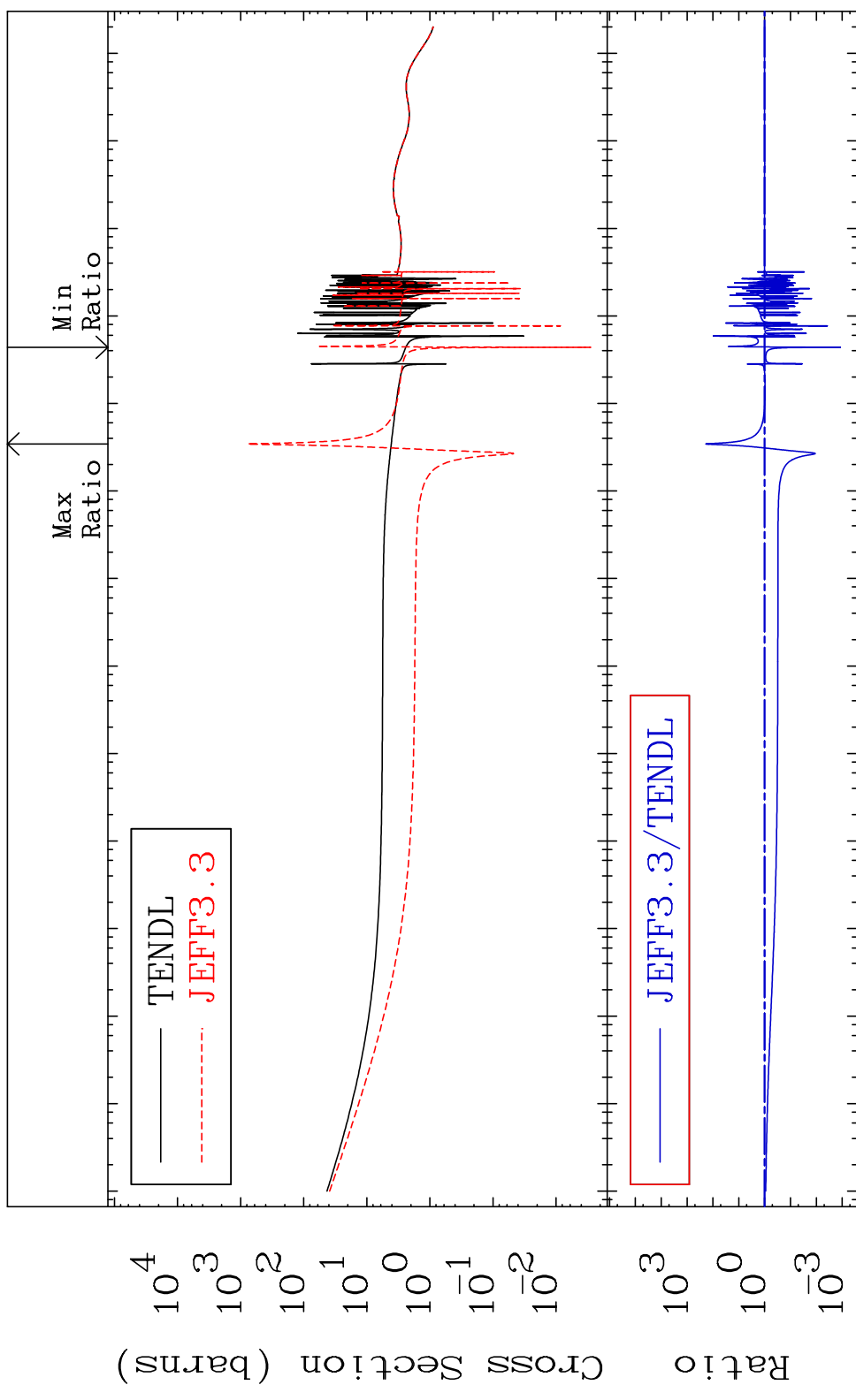
Press Mouse Button to Start

MAT 2043

Total

20-Ca-46

Cross Section -99.88 To 9999. %



Incident Energy (eV) 20-Ca-46

1

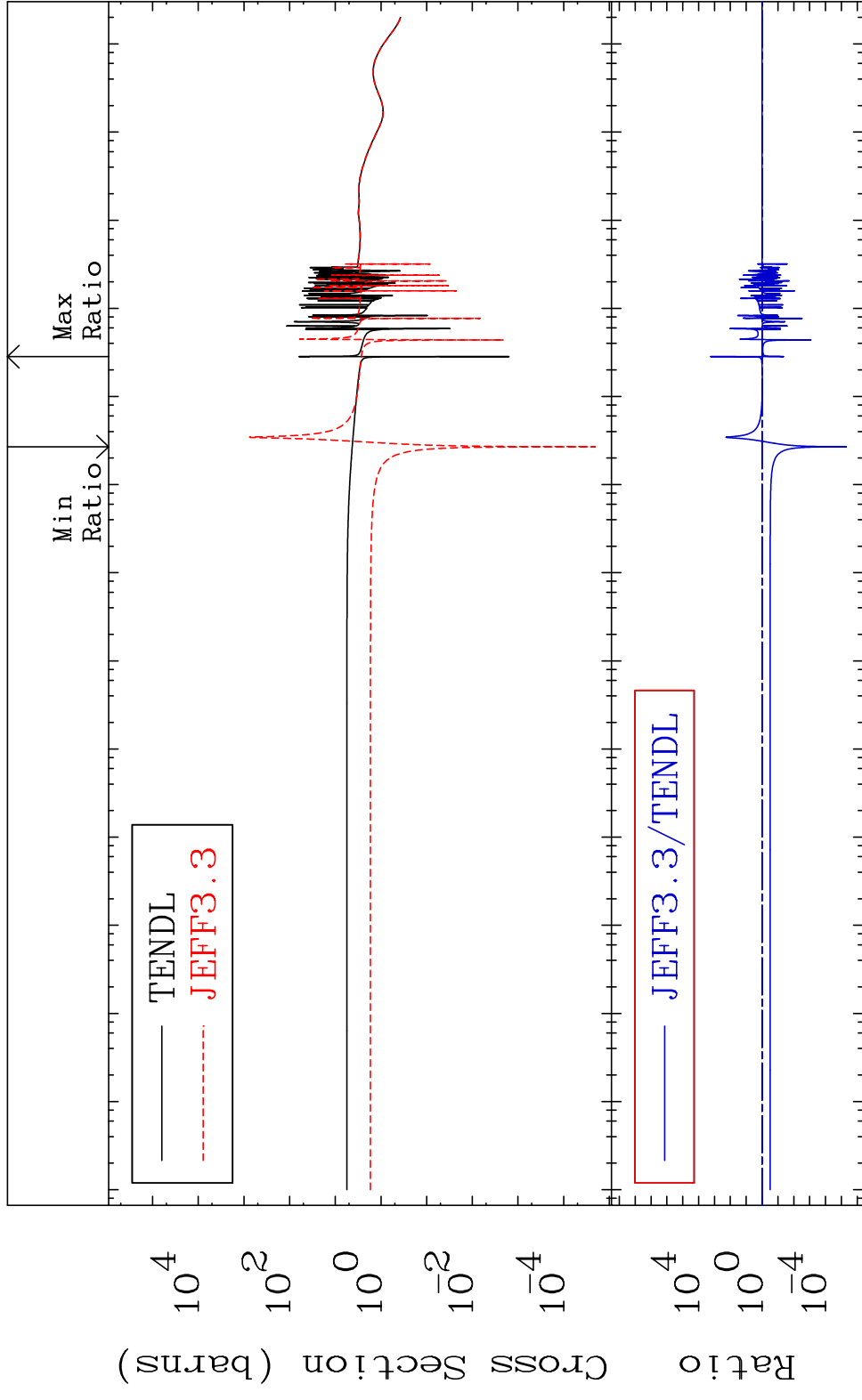
Incident Energy (eV) 20-Ca-46

MAT 2043

20-Ca-46

Elastic

Cross Section -100.0 To 9999. %



— TENDL
- - - JEFF3.3

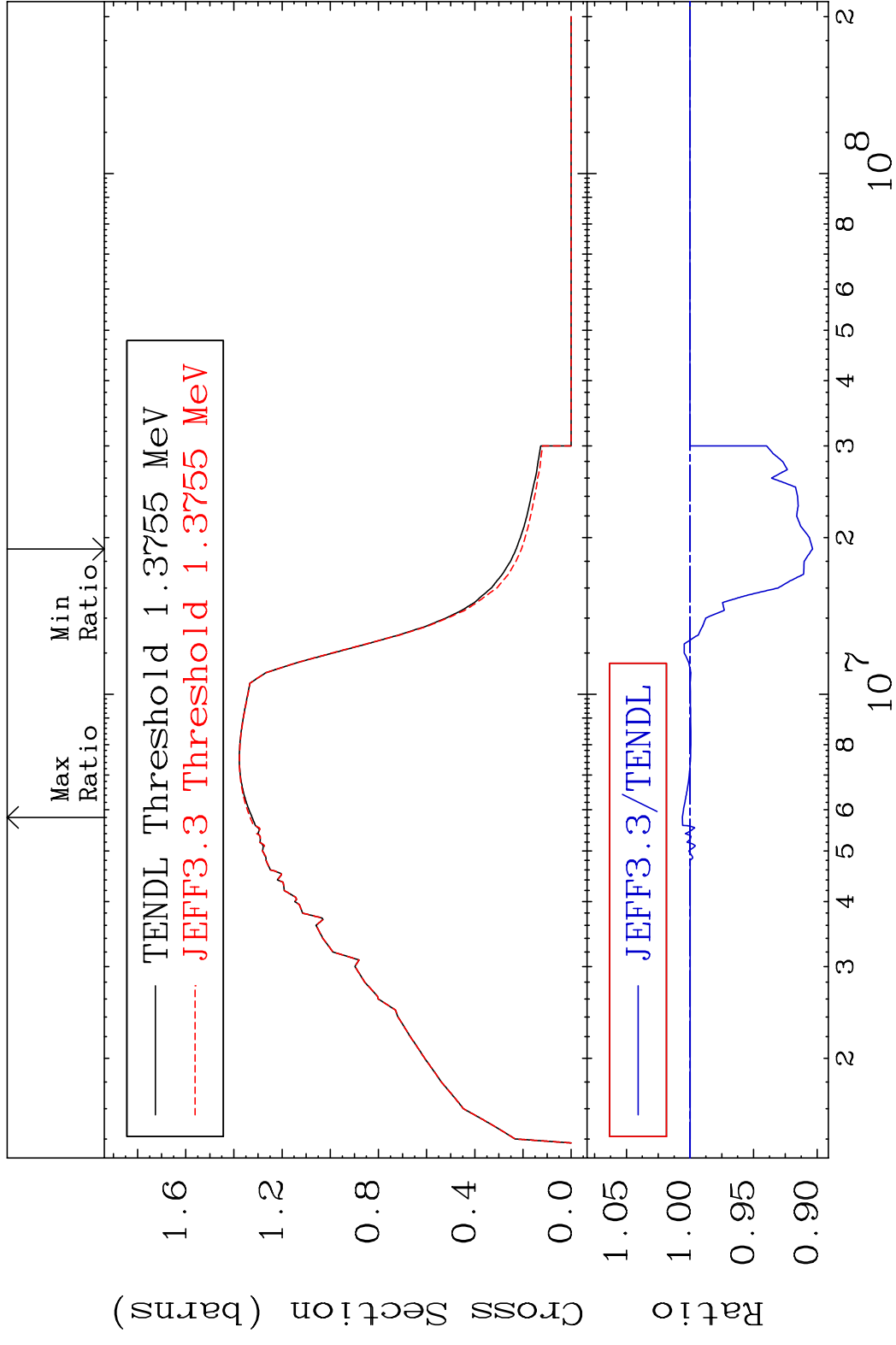
— JEFF3.3/TENDL

2

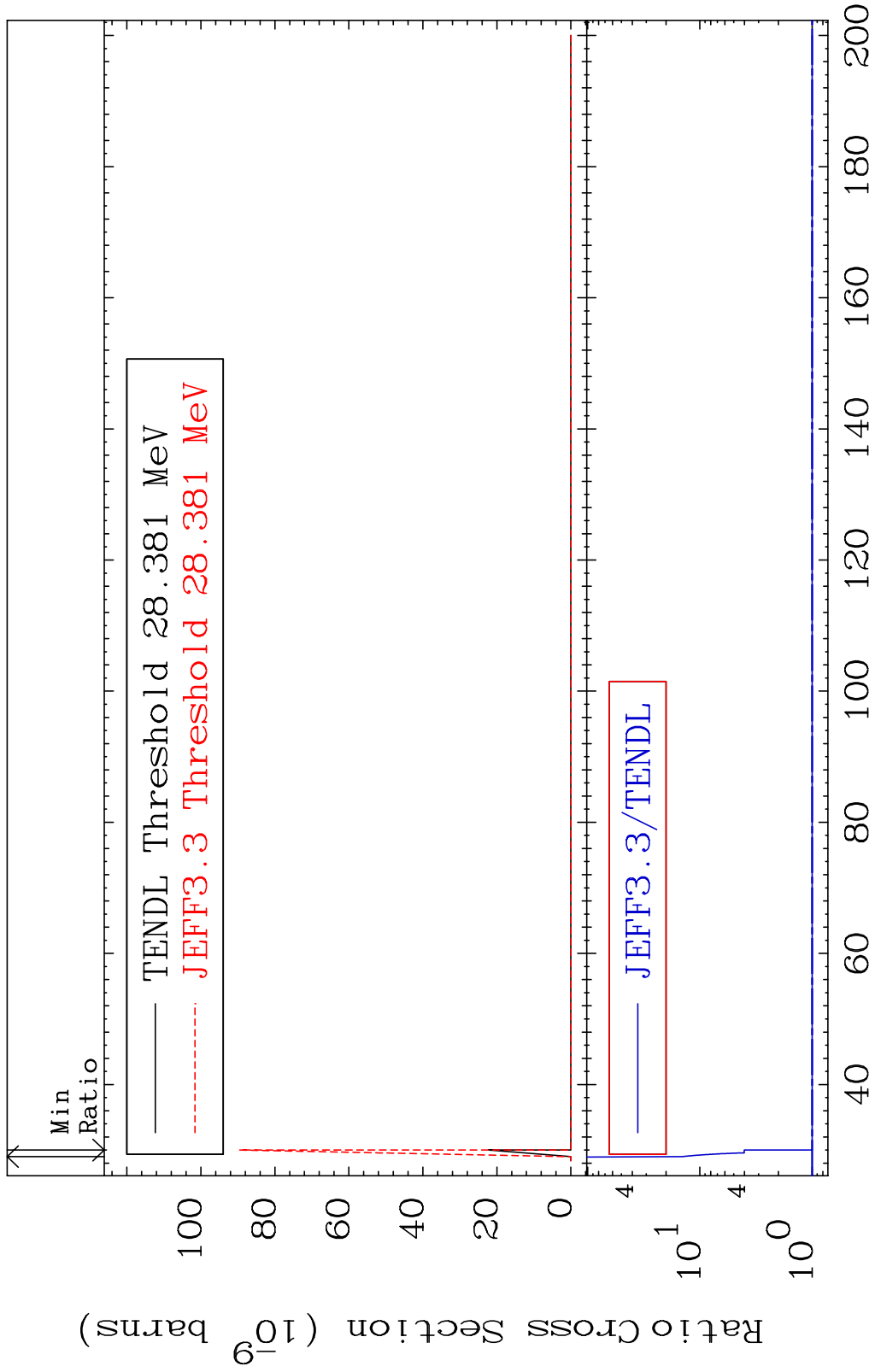
Incident Energy (eV)

20-Ca-46

MAT 2043 Inelastic 20-Ca-46
 Cross Section -9.642 To 0.602 %



MAT 2043 (n,2n) d 20-Ca-46
 Cross Section 0.000 To 1344. %



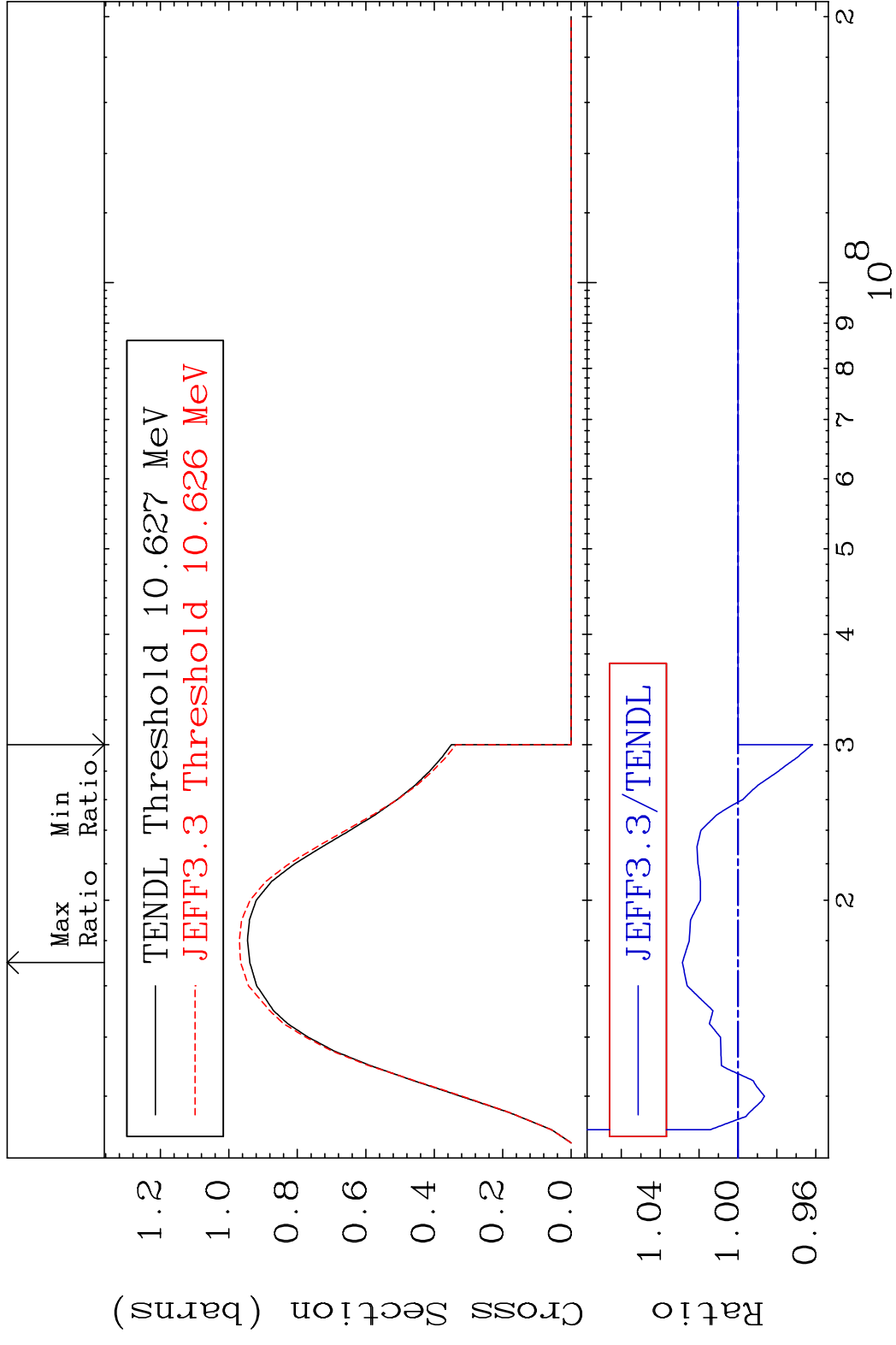
4 Incident Energy (MeV) 20-Ca-46

MAT 2043

(n,2n)

20-Ca-46

Cross Section -3.837 To 2.861 %

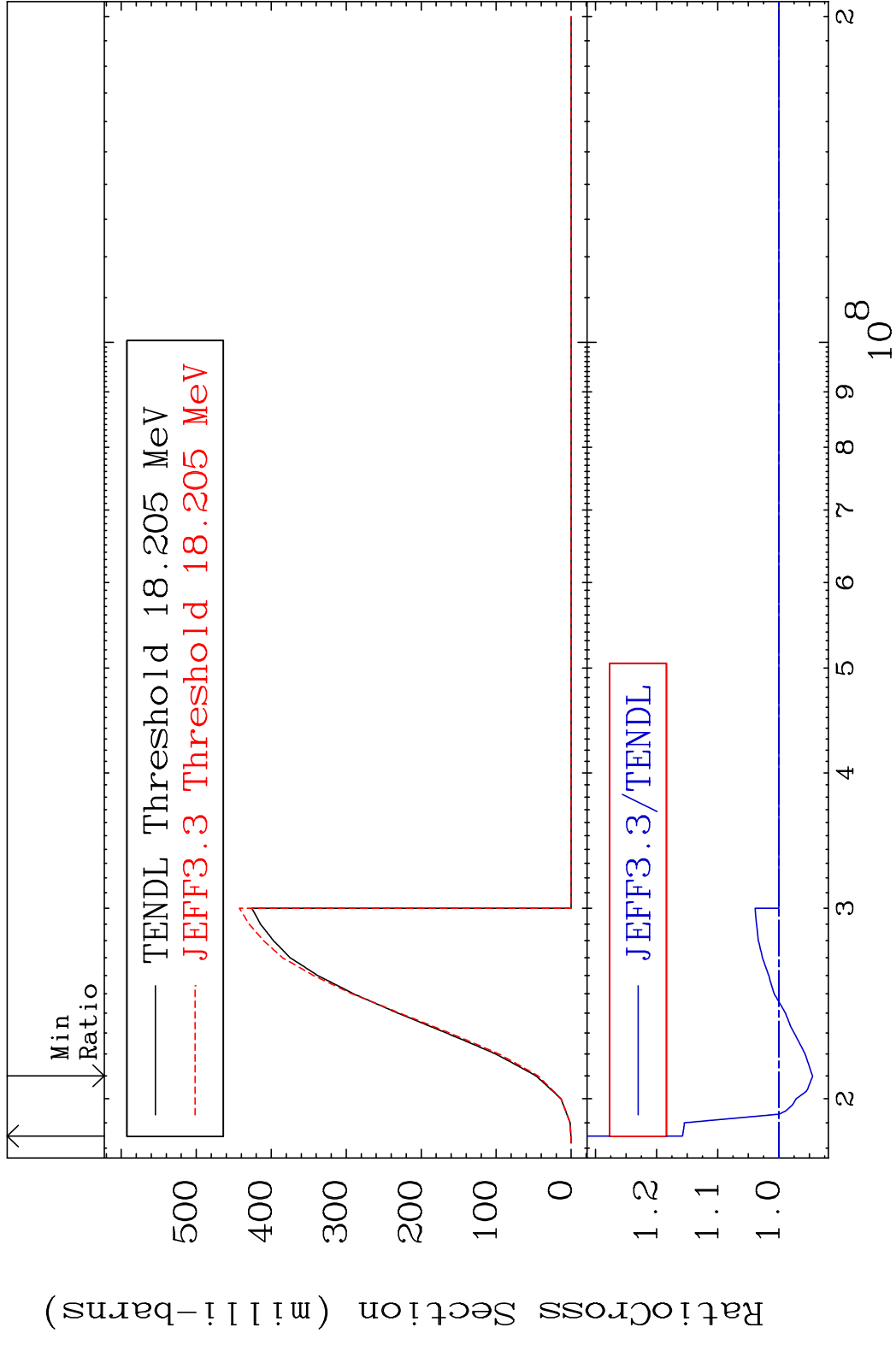


MAT 2043

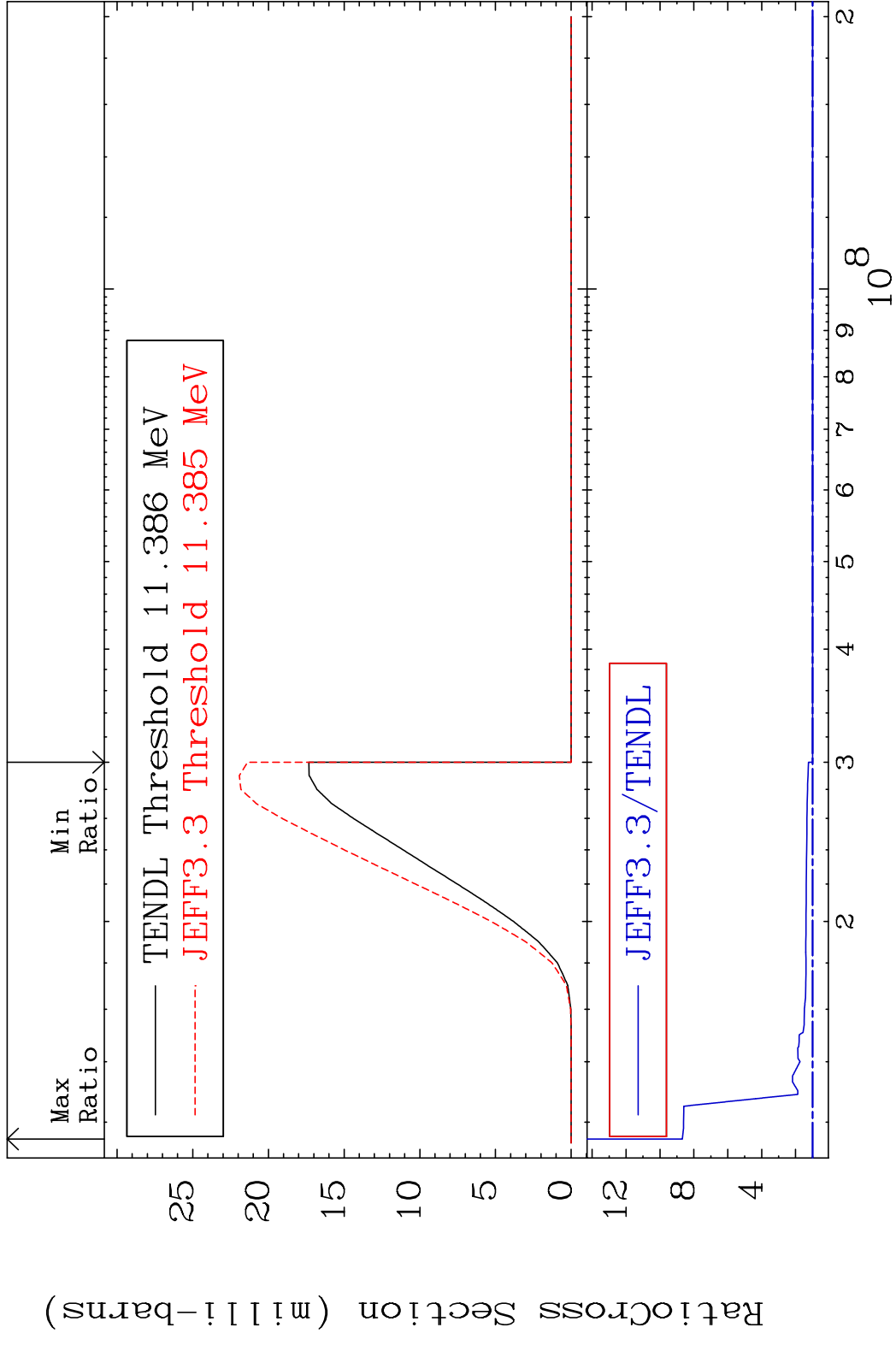
(n,3n)

20-Ca-46

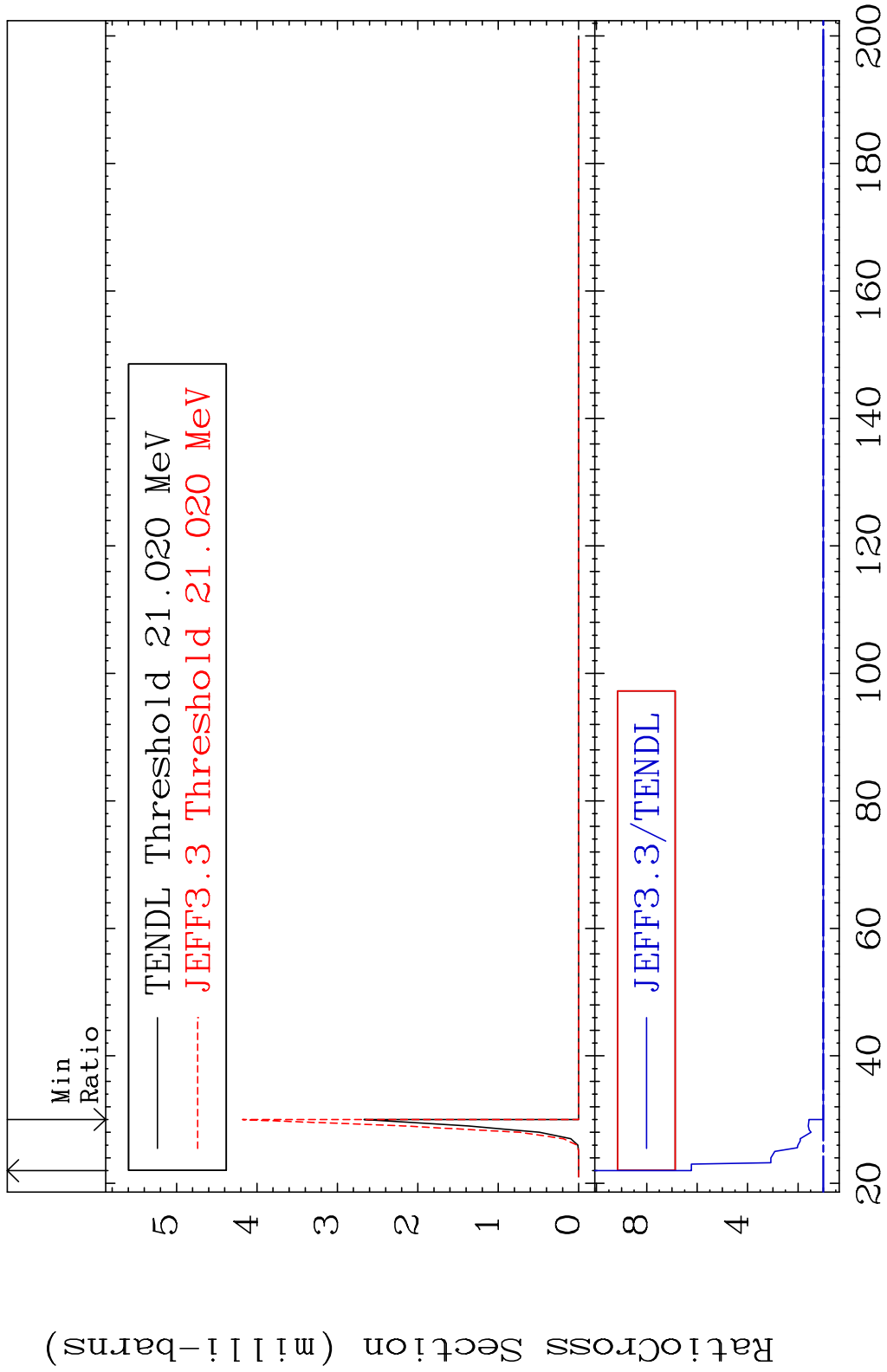
Cross Section -5.506 To 15.79 %



MAT 2043 (n, n') α 20-Ca-46
 Cross Section 0.000 To 768.0 %



MAT 2043 (n,2n) α 20-Ca-46
Cross Section 0.000 To 523.1 %



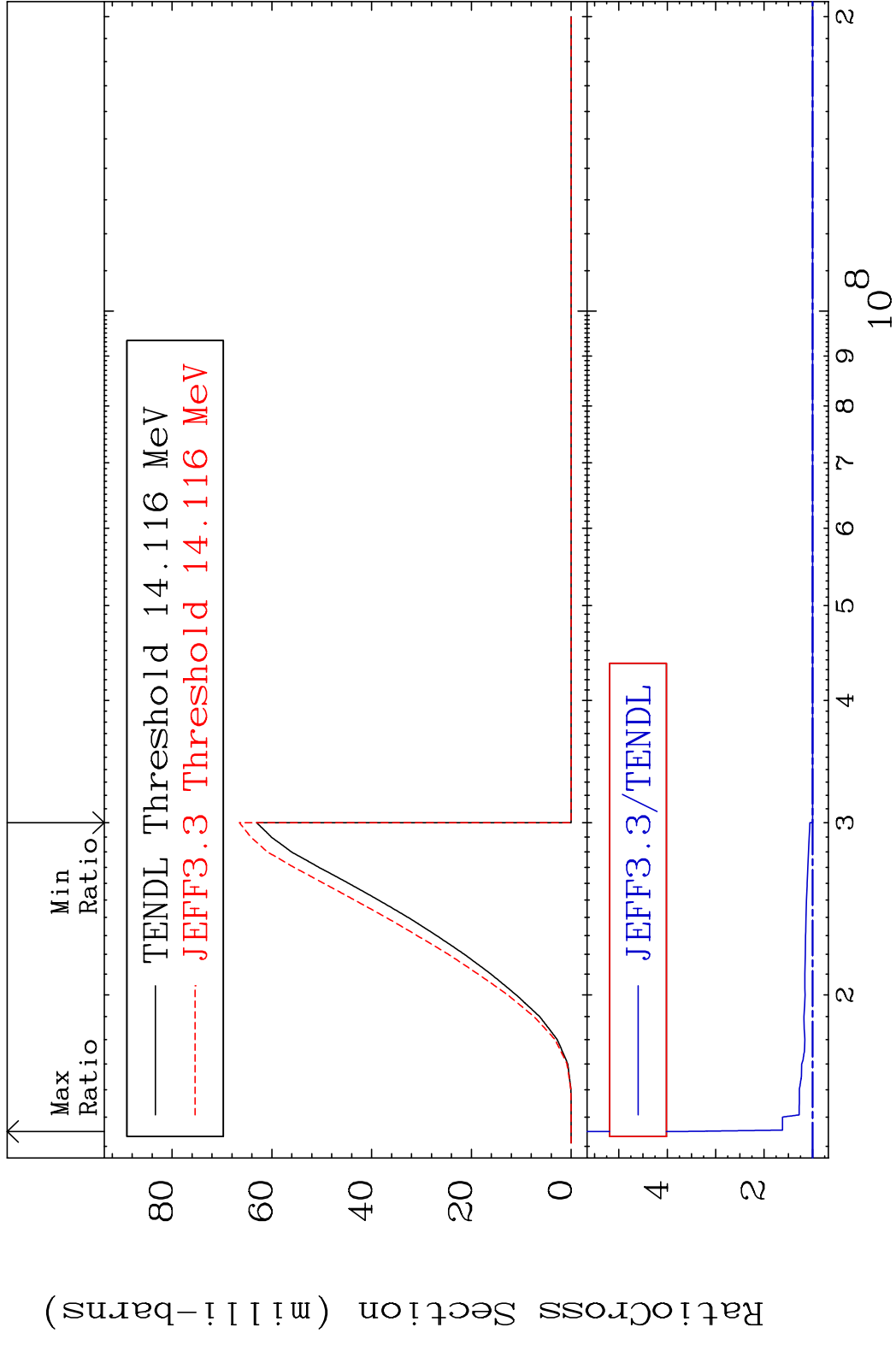
8 Incident Energy (MeV) 20-Ca-46

MAT 2043

(n, n') p

20-Ca-46

Cross Section 0.000 To 268.8 %



9

Incident Energy (eV)

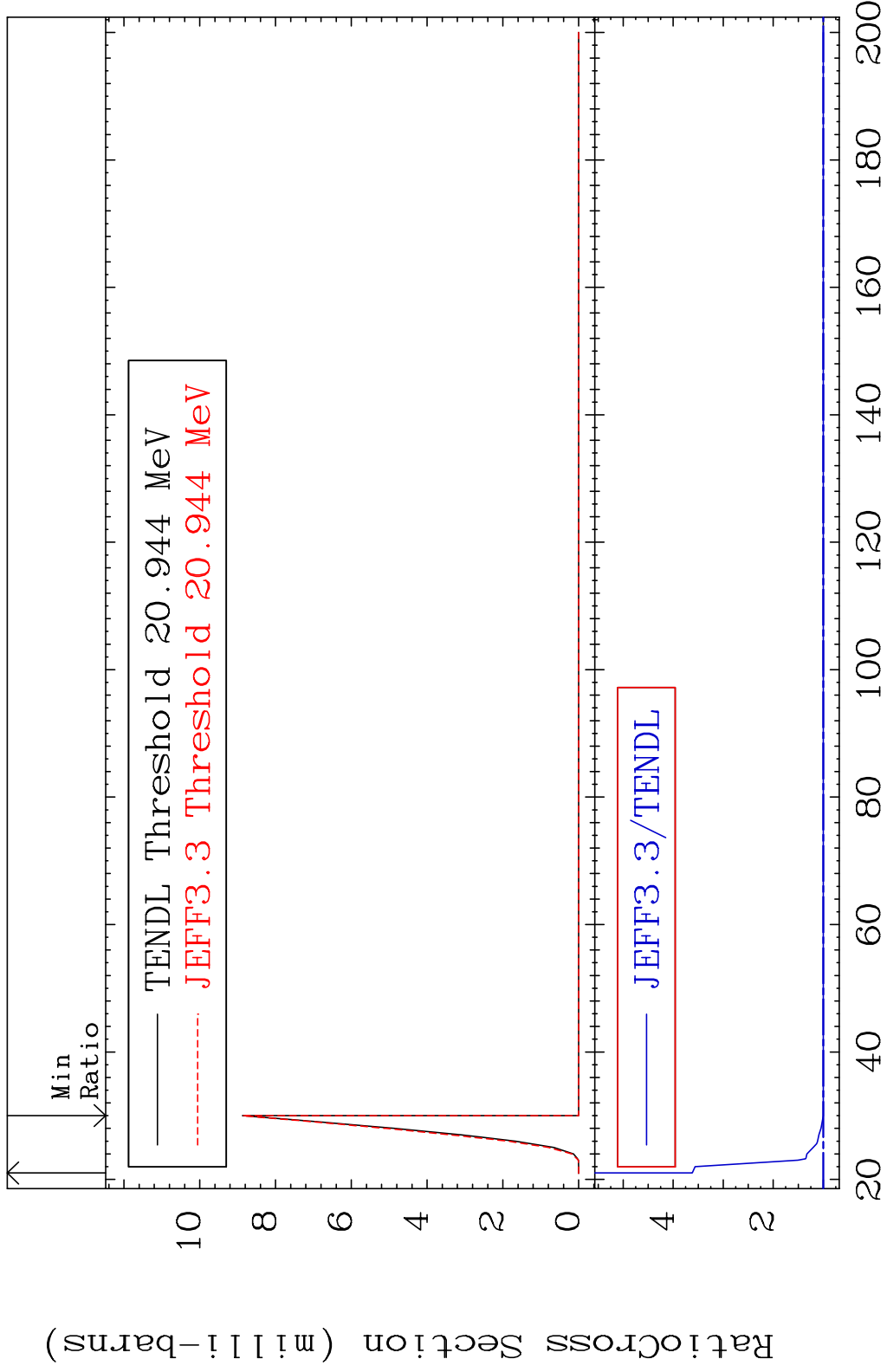
20-Ca-46

MAT 2043

(n, n') d

20-Ca-46

Cross Section -0.012 To 263.7 %



10

Incident Energy (MeV)

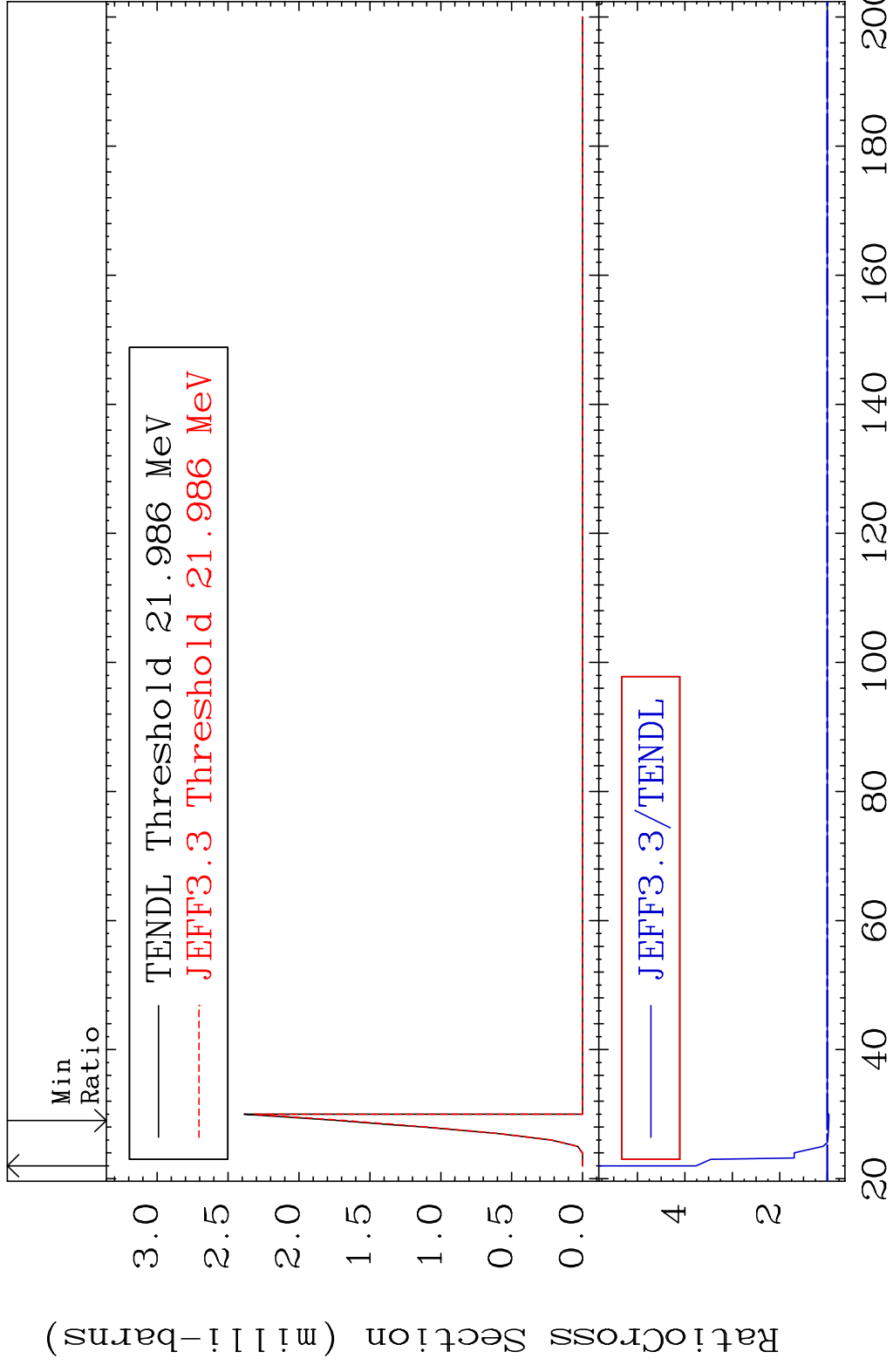
20-Ca-46

MAT 2043

(n, n') t

20-Ca-46

Cross Section -3.309 To 276.6 %

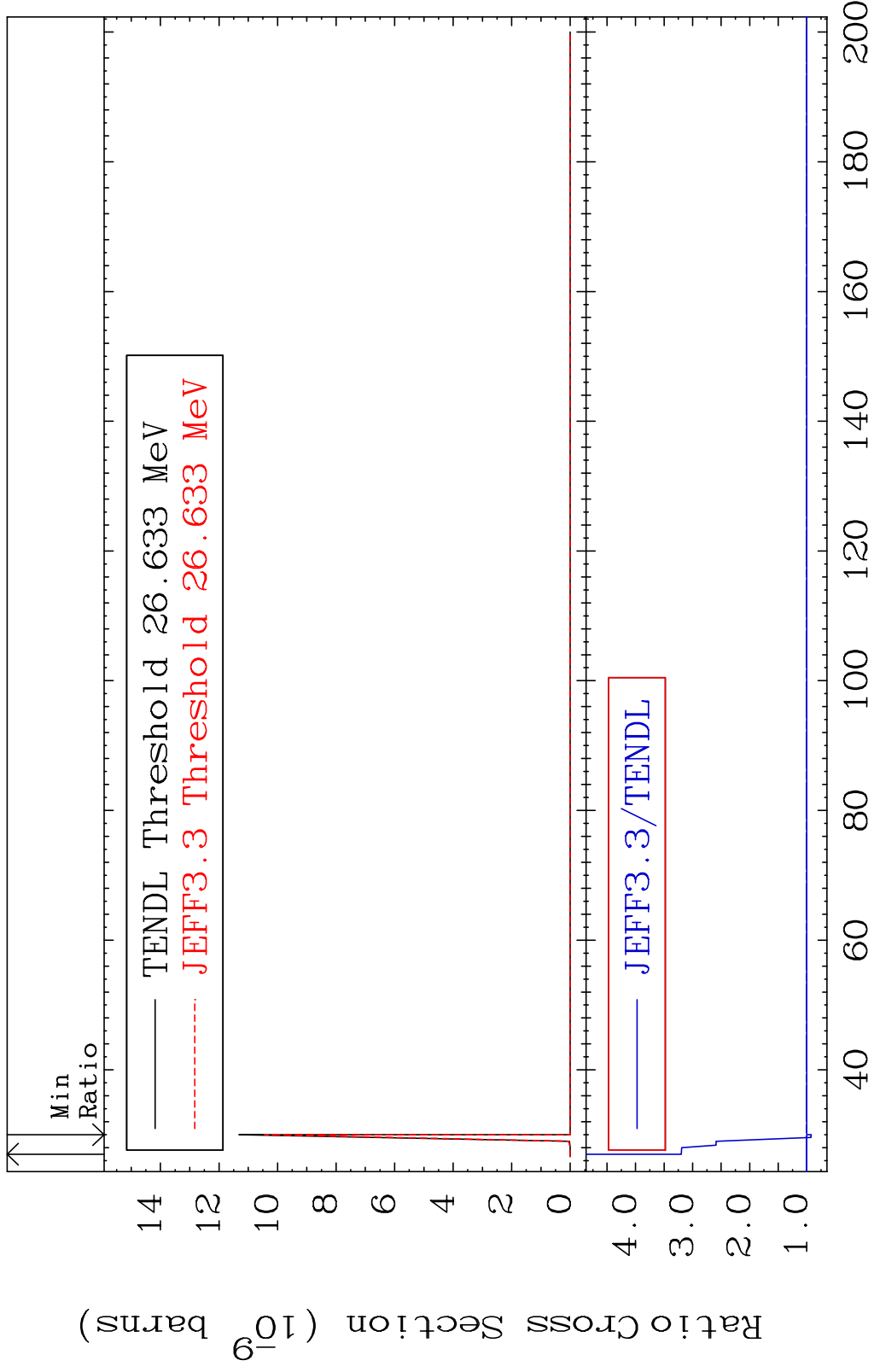


MAT 2043

(n,n') He-3

20-Ca-46

Cross Section -7.817 To 220.0 %

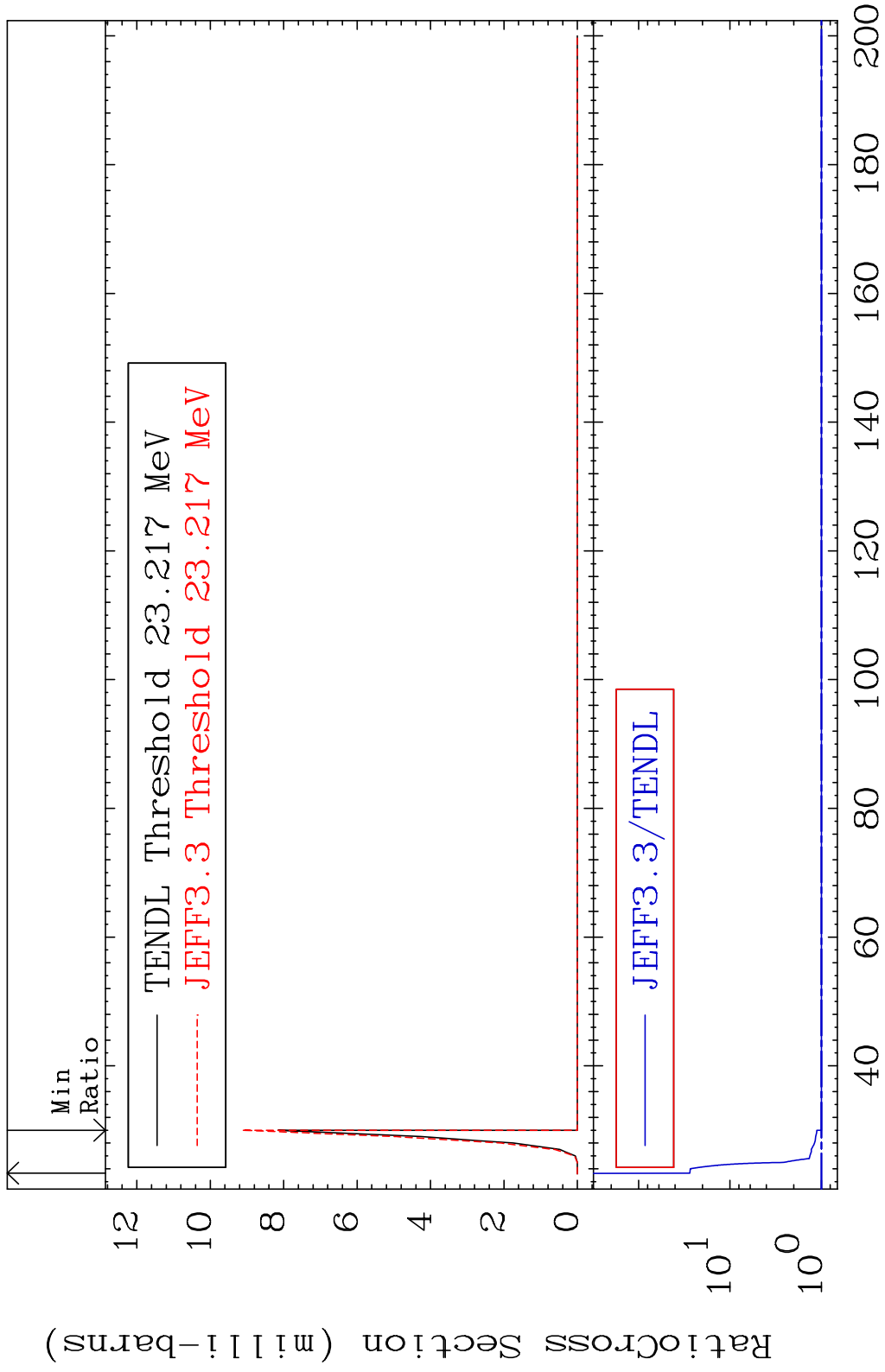


12

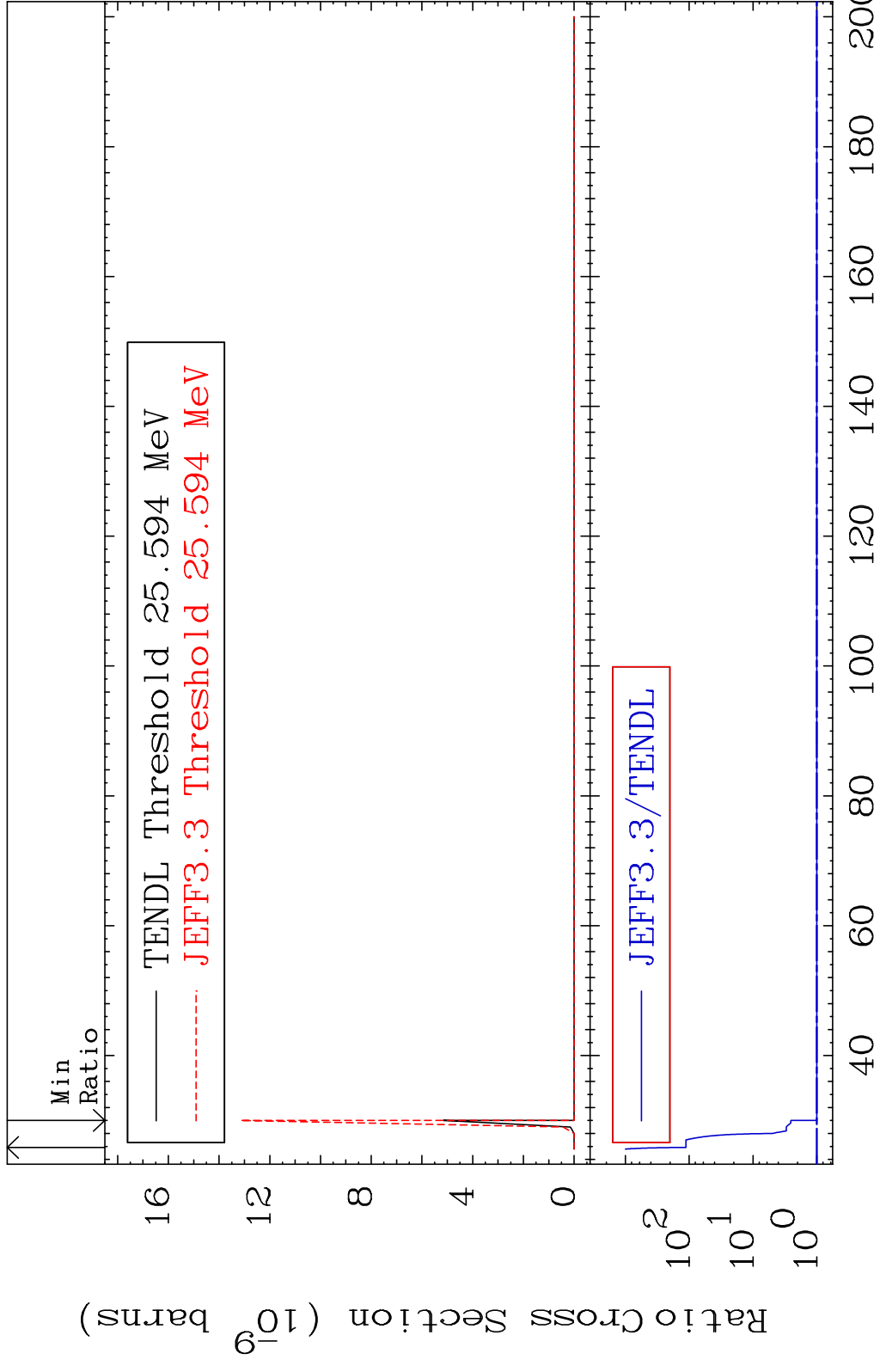
Incident Energy (MeV)

20-Ca-46

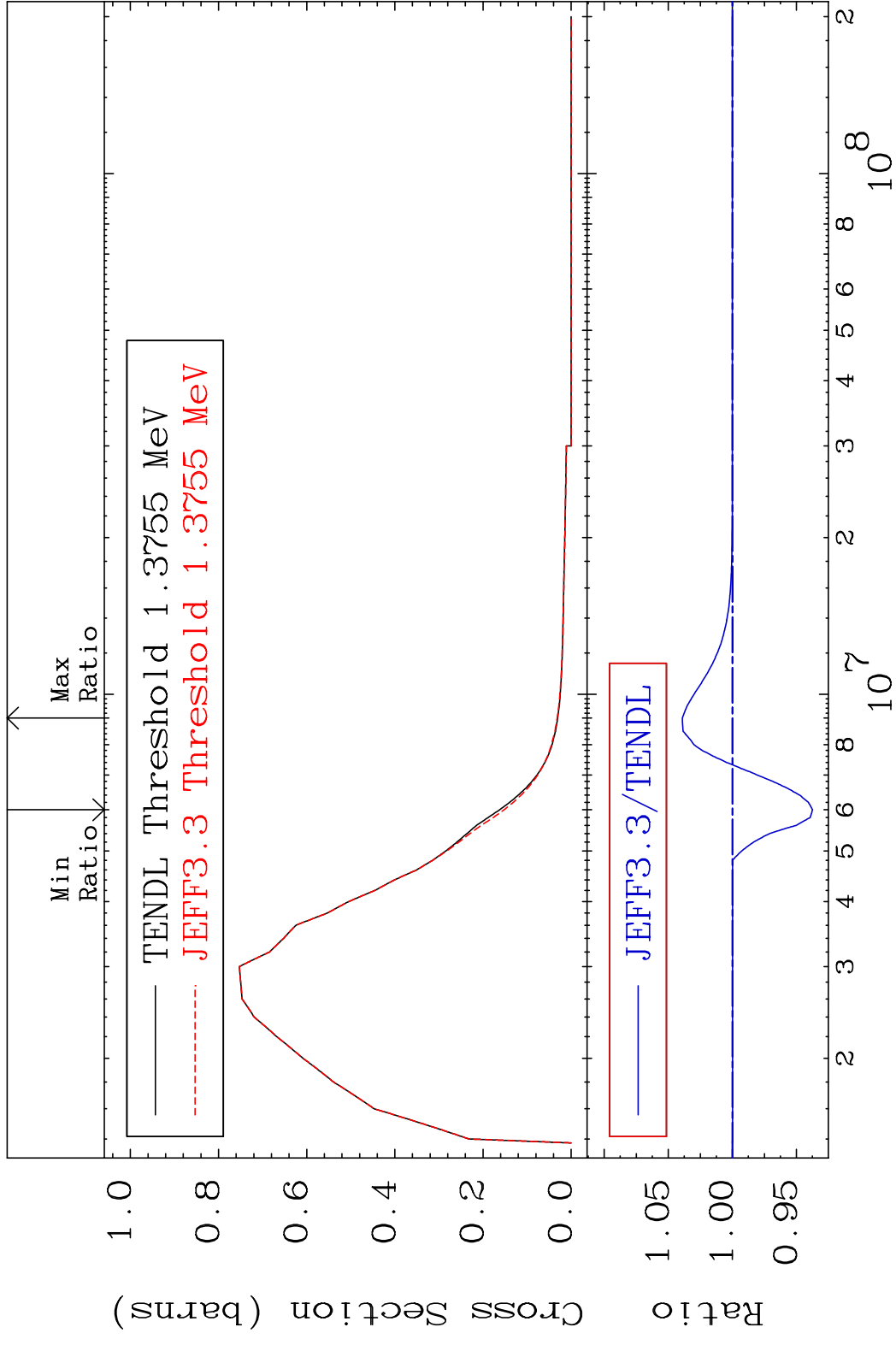
MAT 2043 (n,2n) p 20-Ca-46
 Cross Section 0.000 To 2658. %



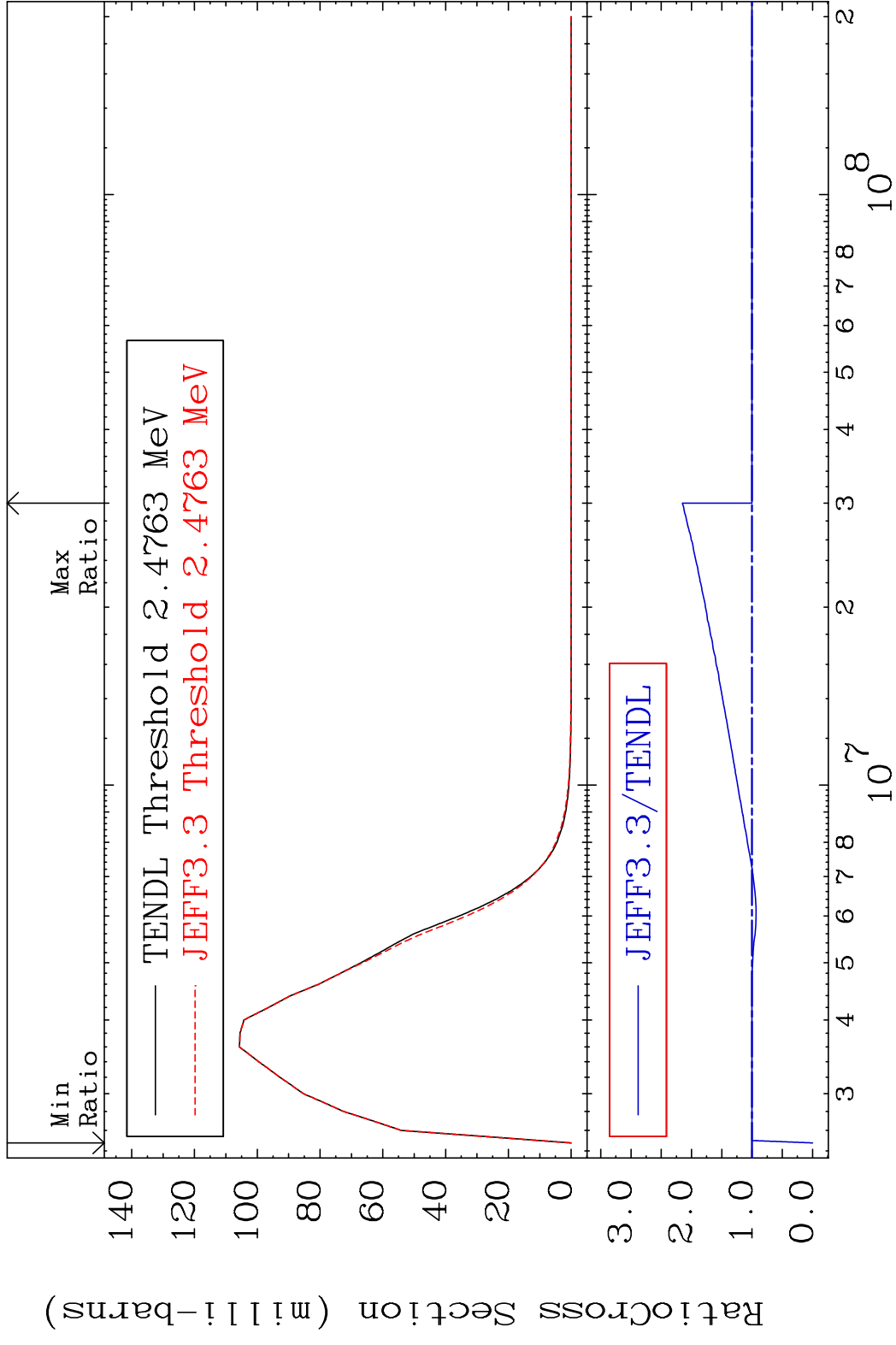
MAT 2043 (n,2n) p 20-Ca-46
 Cross Section 0.000 To 9999. %



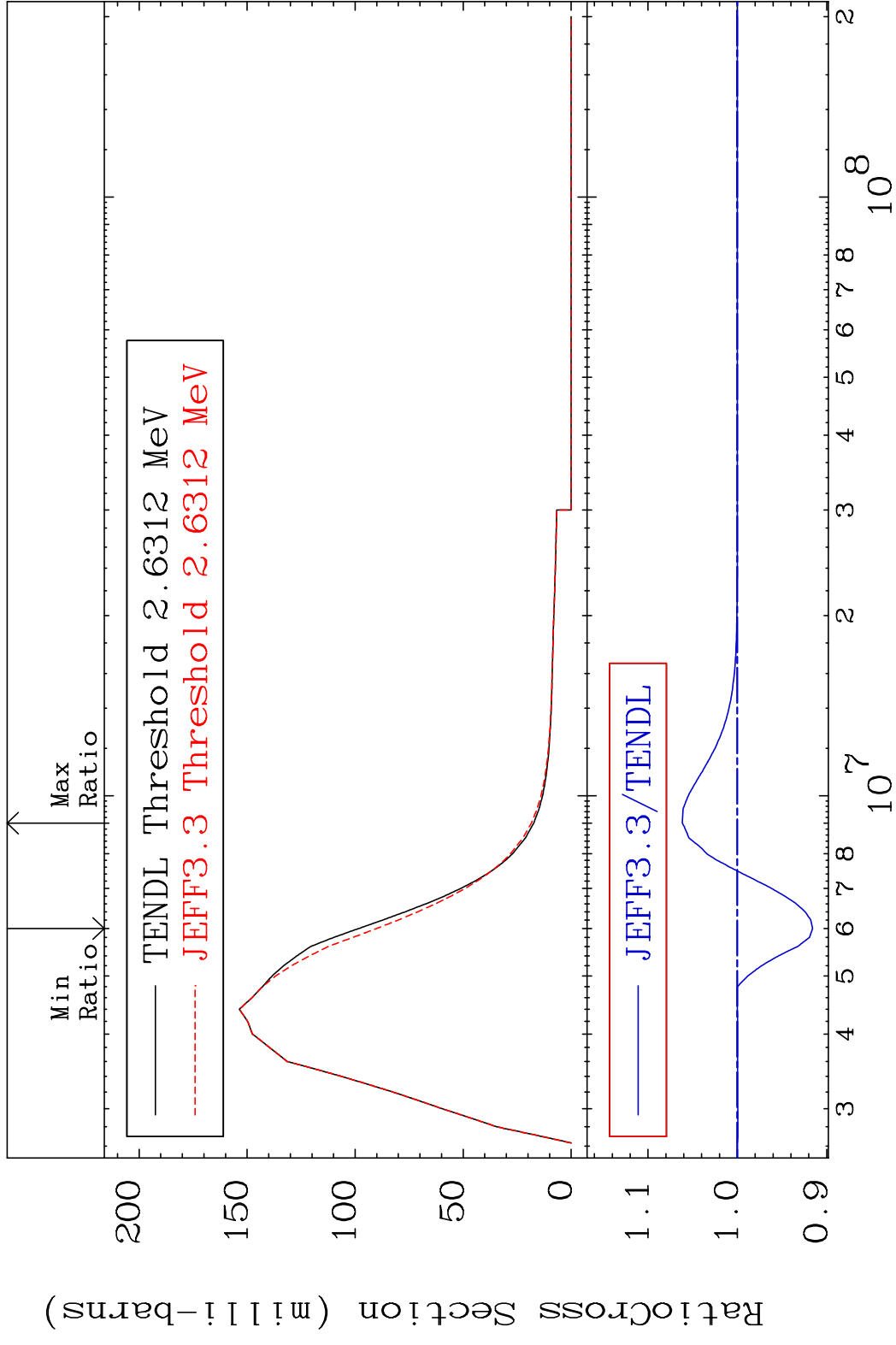
MAT 2043 MT= 51 (n, n') Level 20-Ca-46
 Cross Section -6.256 To 3.901 %



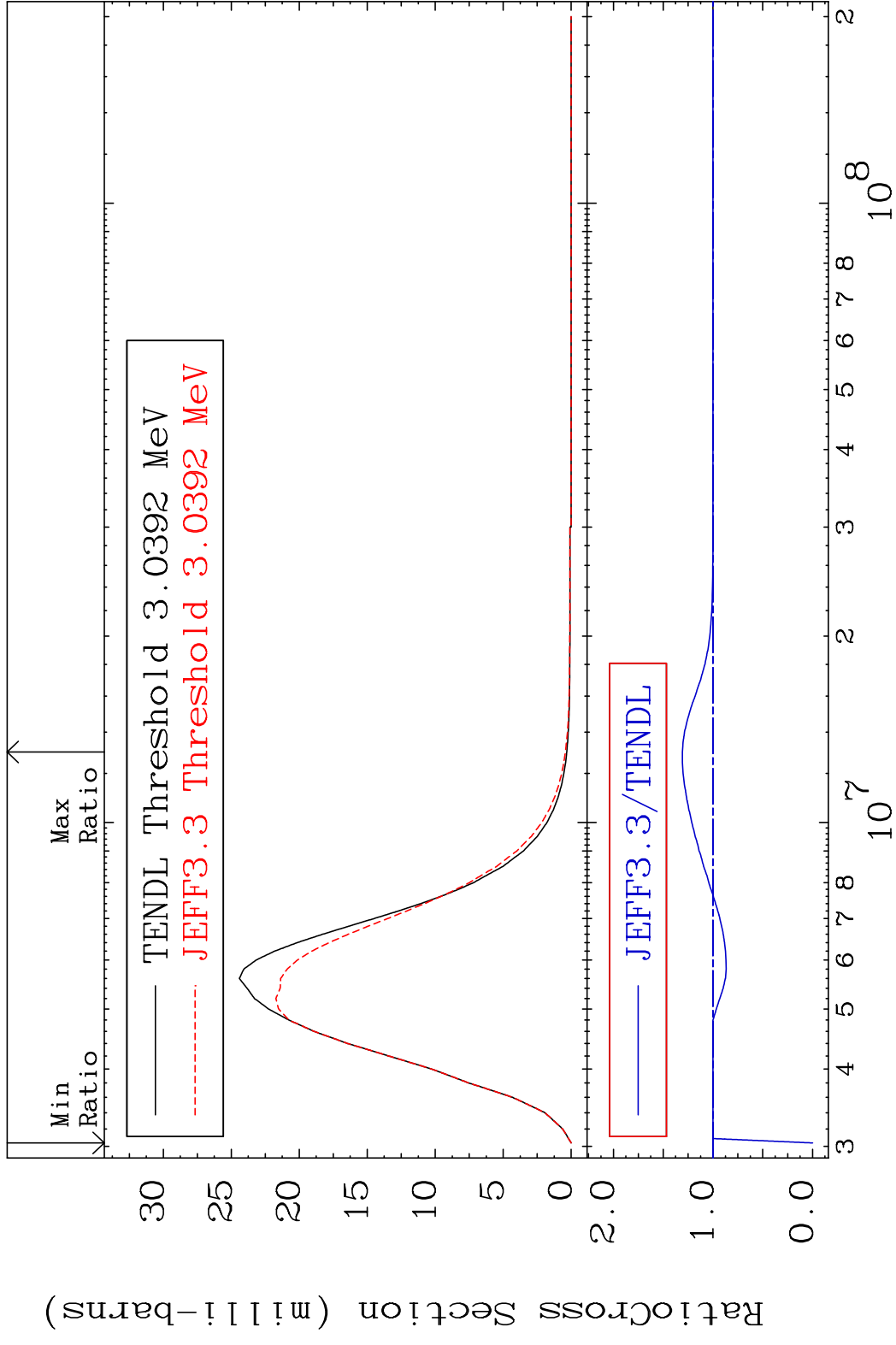
MAT 2043 MT= 52 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 115.2 %



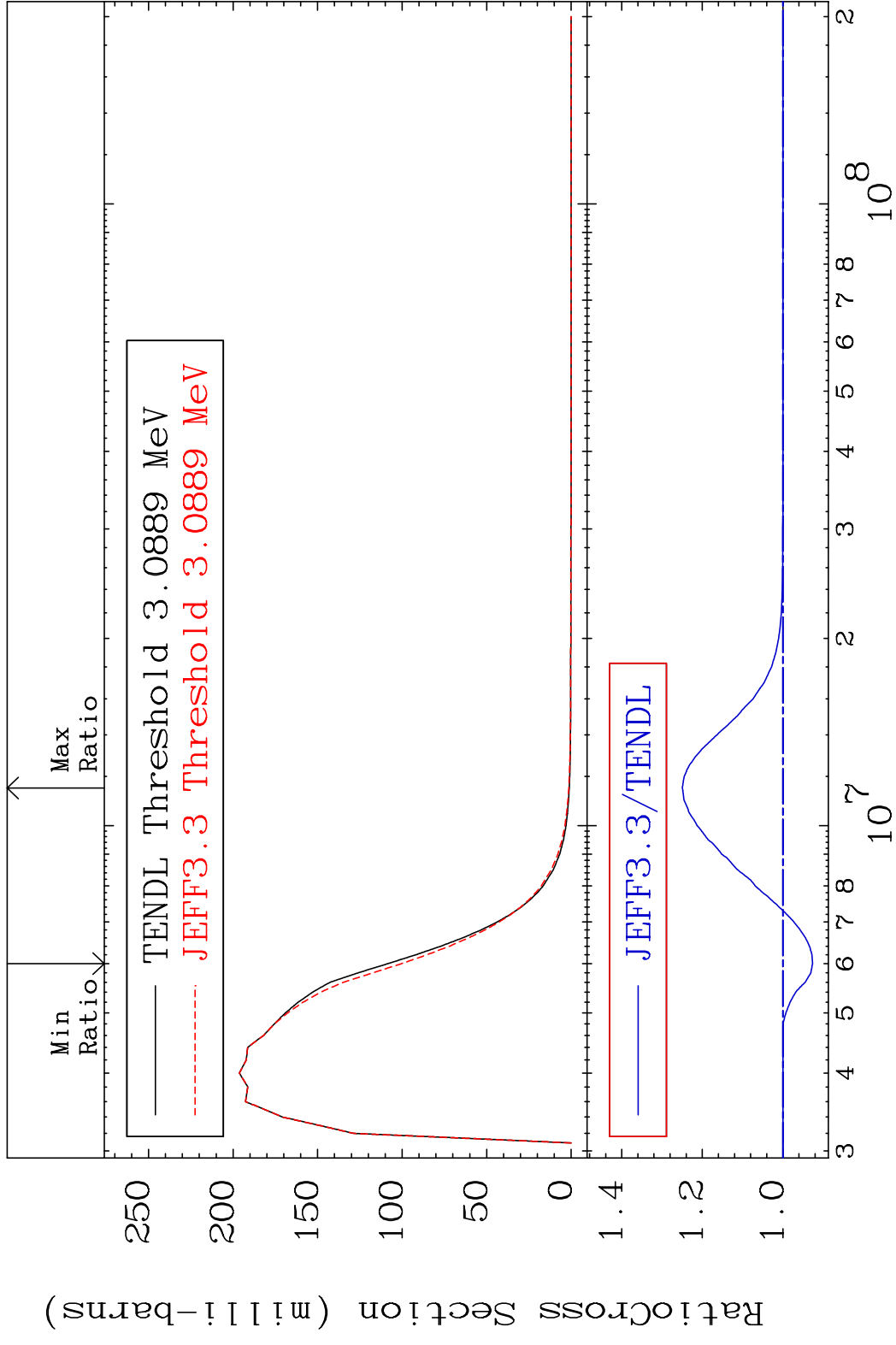
MAT 2043 MT= 53 (n, n') Level 20-Ca-46
 Cross Section -8.423 To 6.154 %



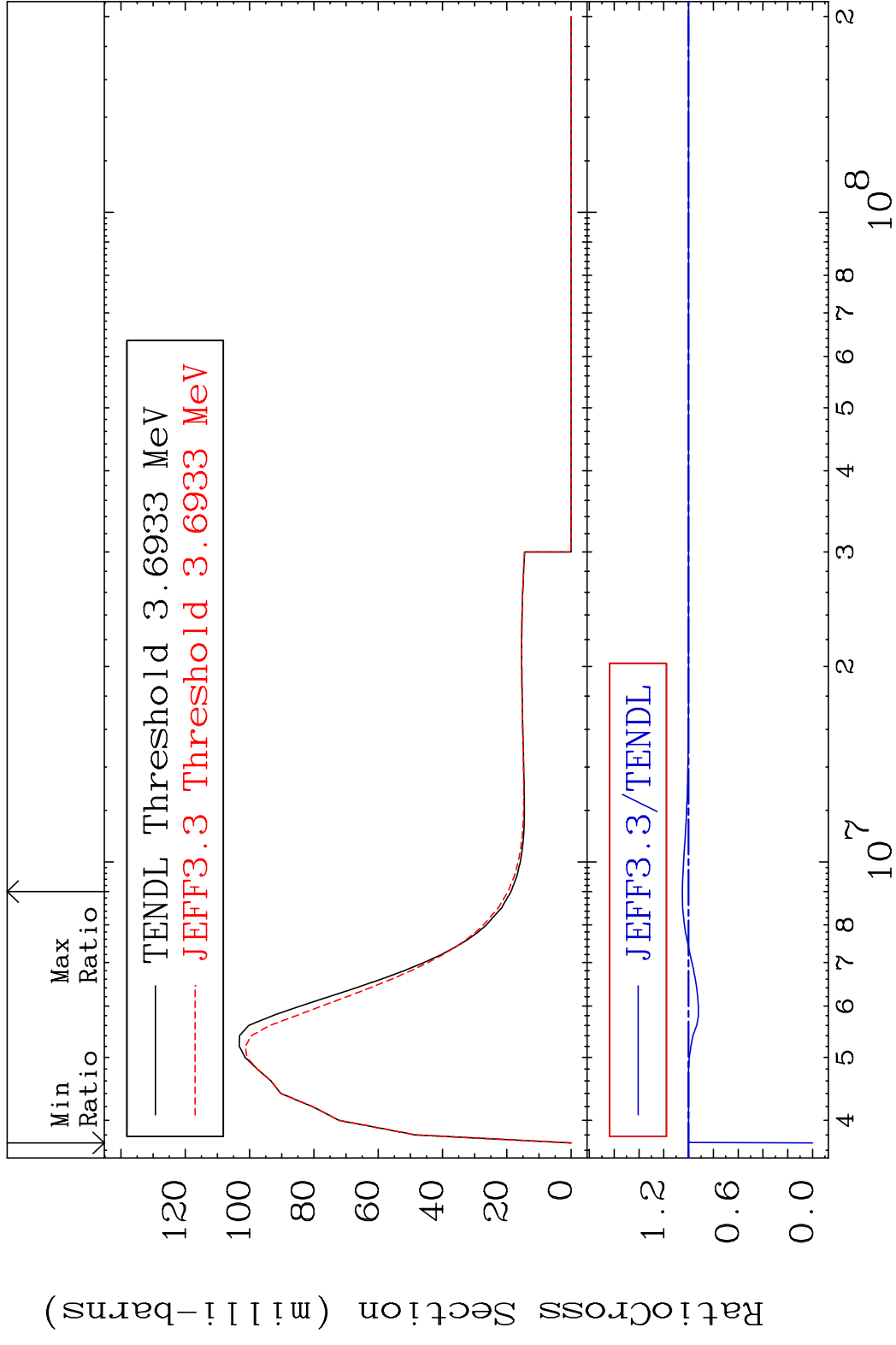
MAT 2043 MT= 54 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 30.76 %



MAT 2043 MT= 55 (n,n') Level 20-Ca-46
 Cross Section -7.374 To 24.95 %

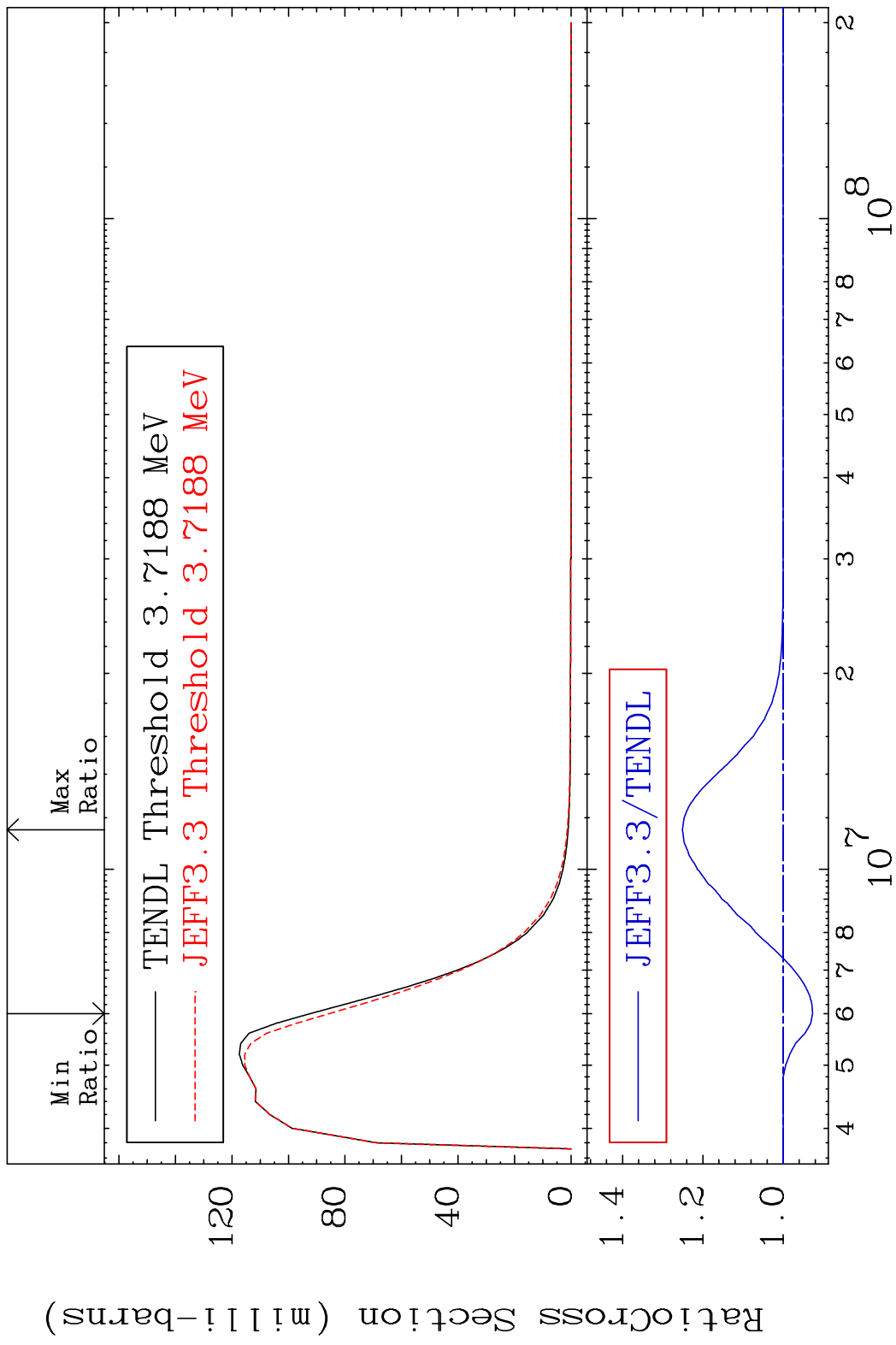


MAT 2043 MT= 56 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 5.034 %

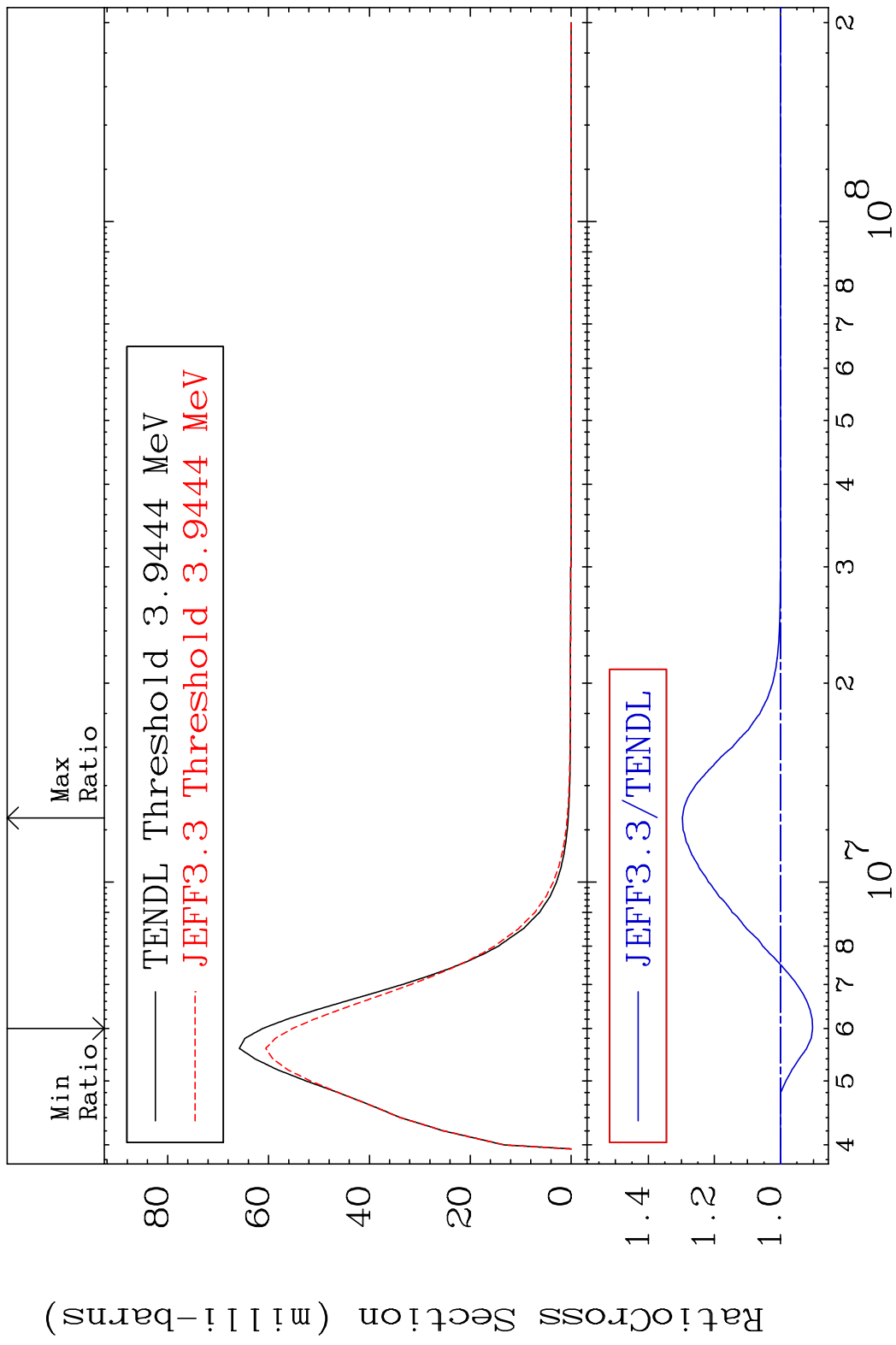


20 Incident Energy (eV) 20-Ca-46

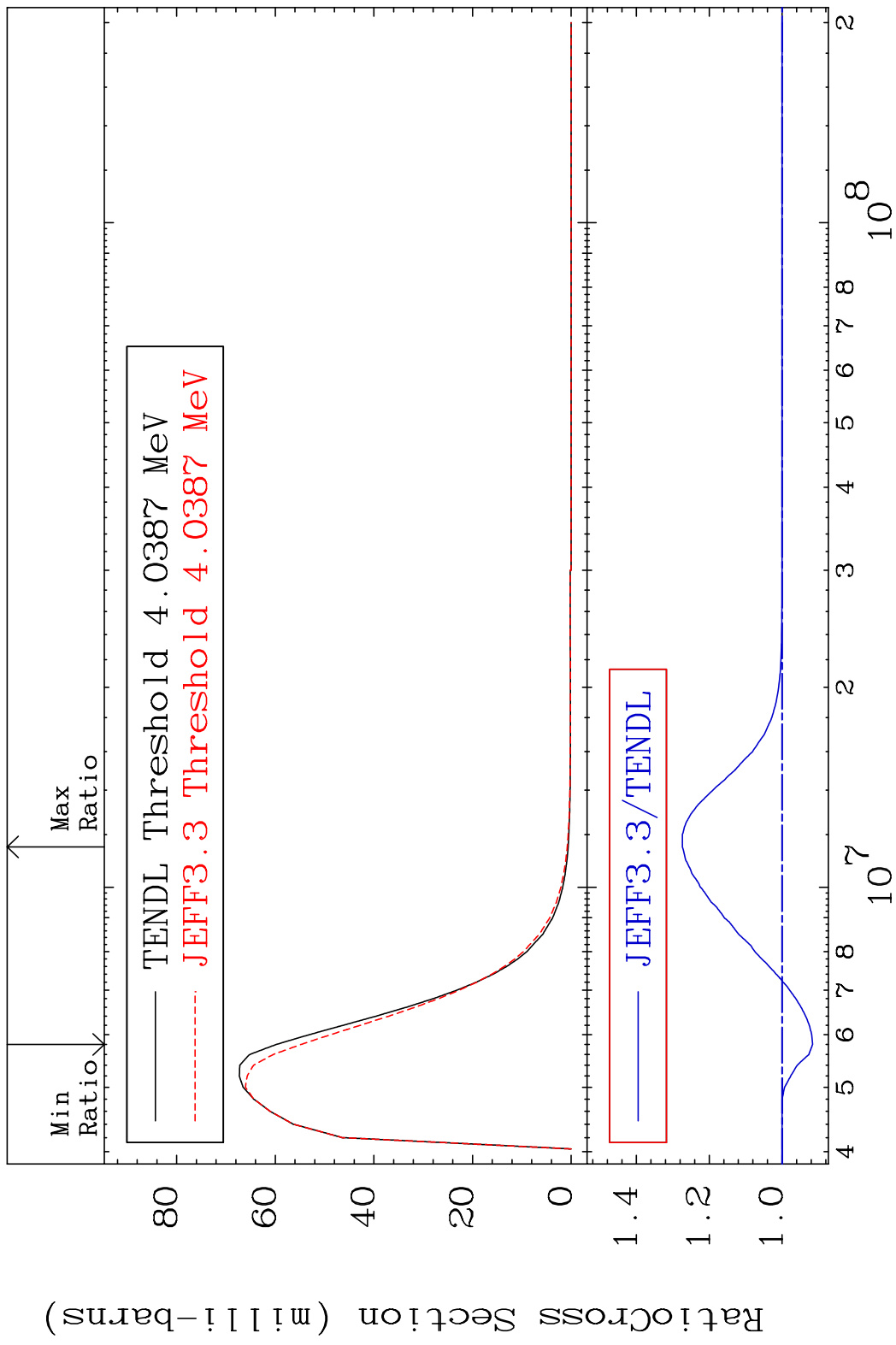
MAT 2043 MT= 57 (n, n') Level 20-Ca-46
 Cross Section -7.318 To 25.12 %



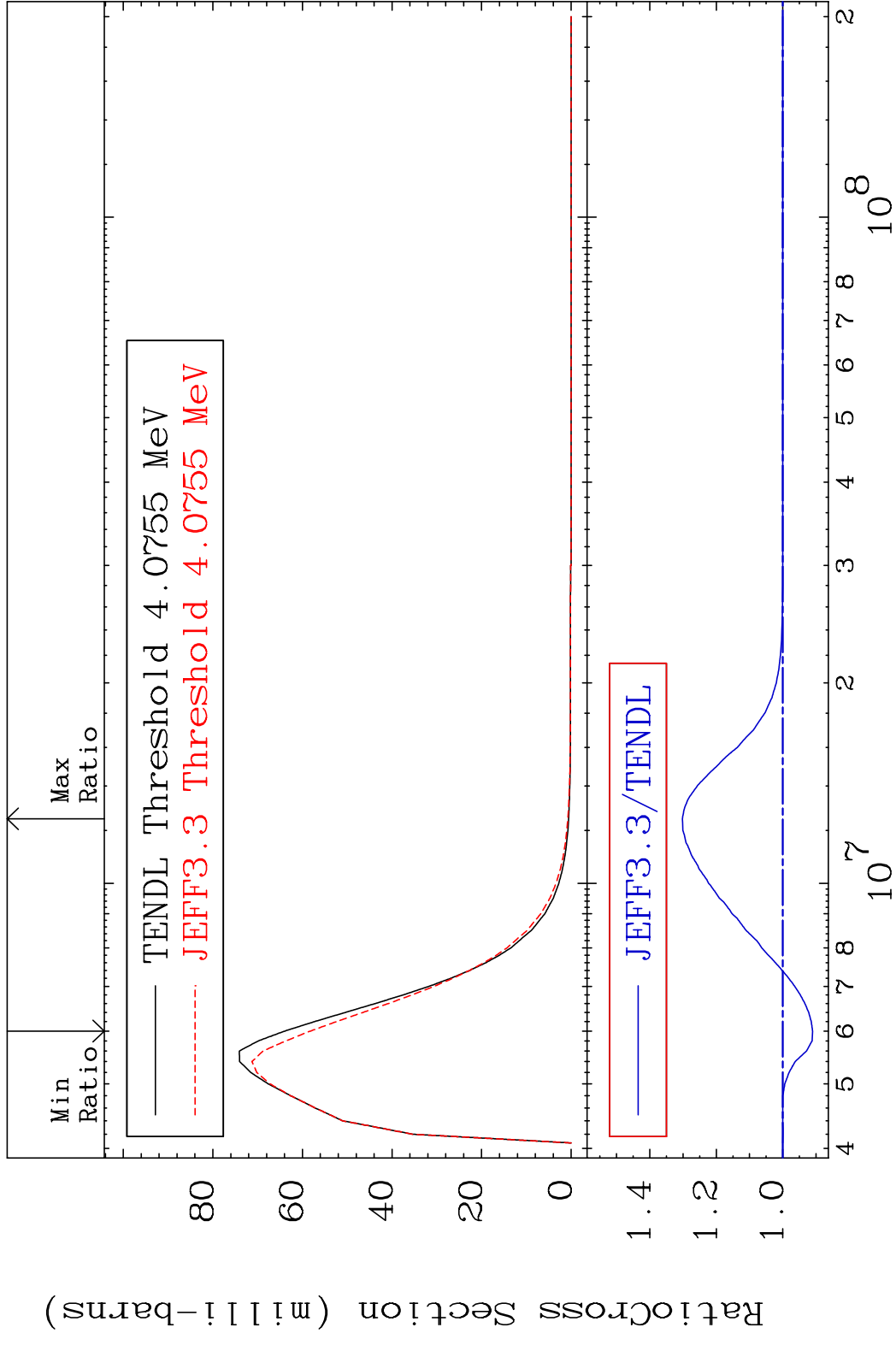
MAT 2043 MT= 58 (n, n') Level 20-Ca-46
 Cross Section -9.724 To 29.72 %



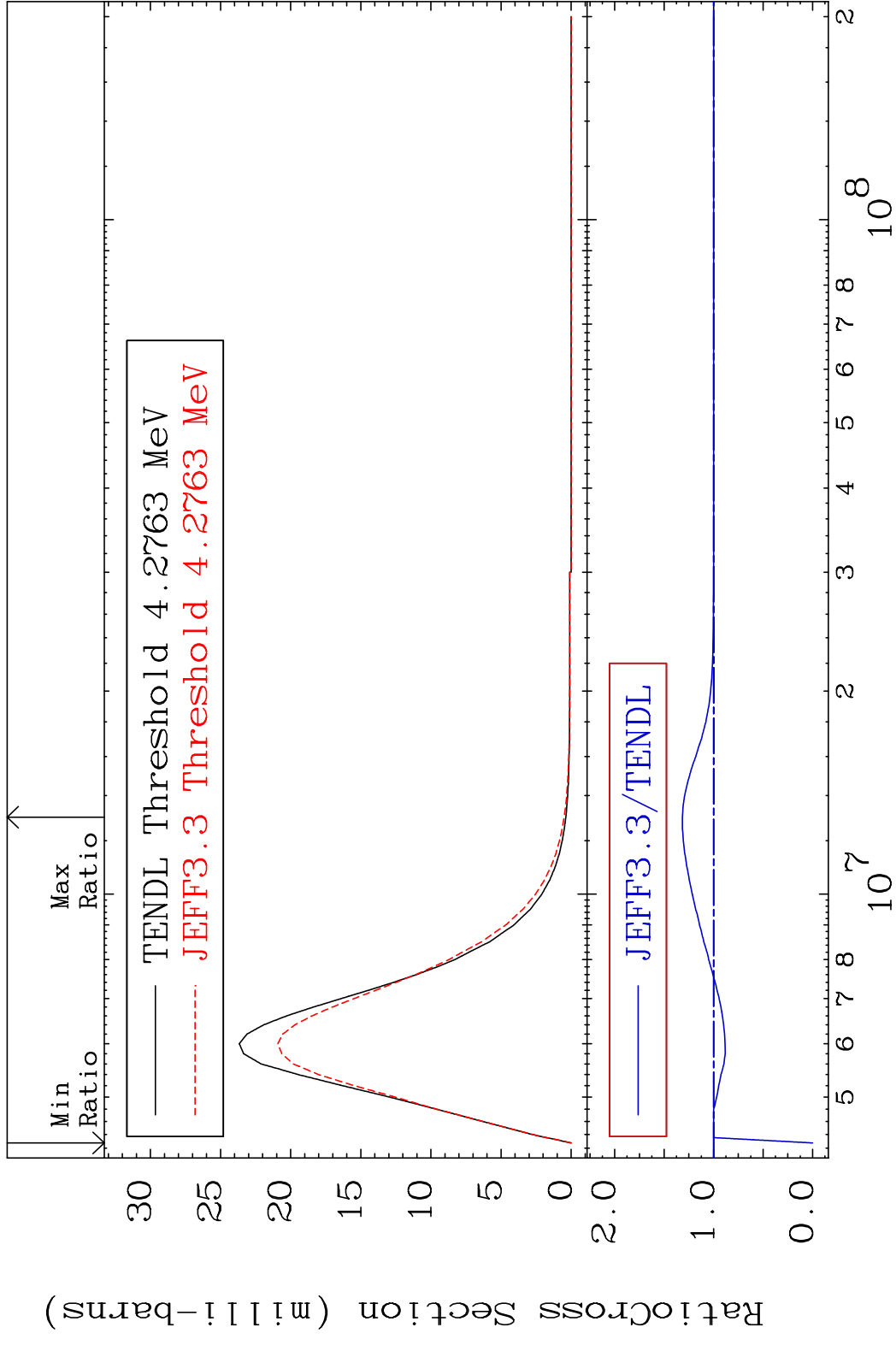
MAT 2043 MT= 59 (n, n') Level 20-Ca-46
 Cross Section -8.377 To 27.39 %



MAT 2043 MT= 60 (n, n') Level 20-Ca-46
 Cross Section -8.958 To 30.21 %



MAT 2043 MT= 61 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 31.60 %

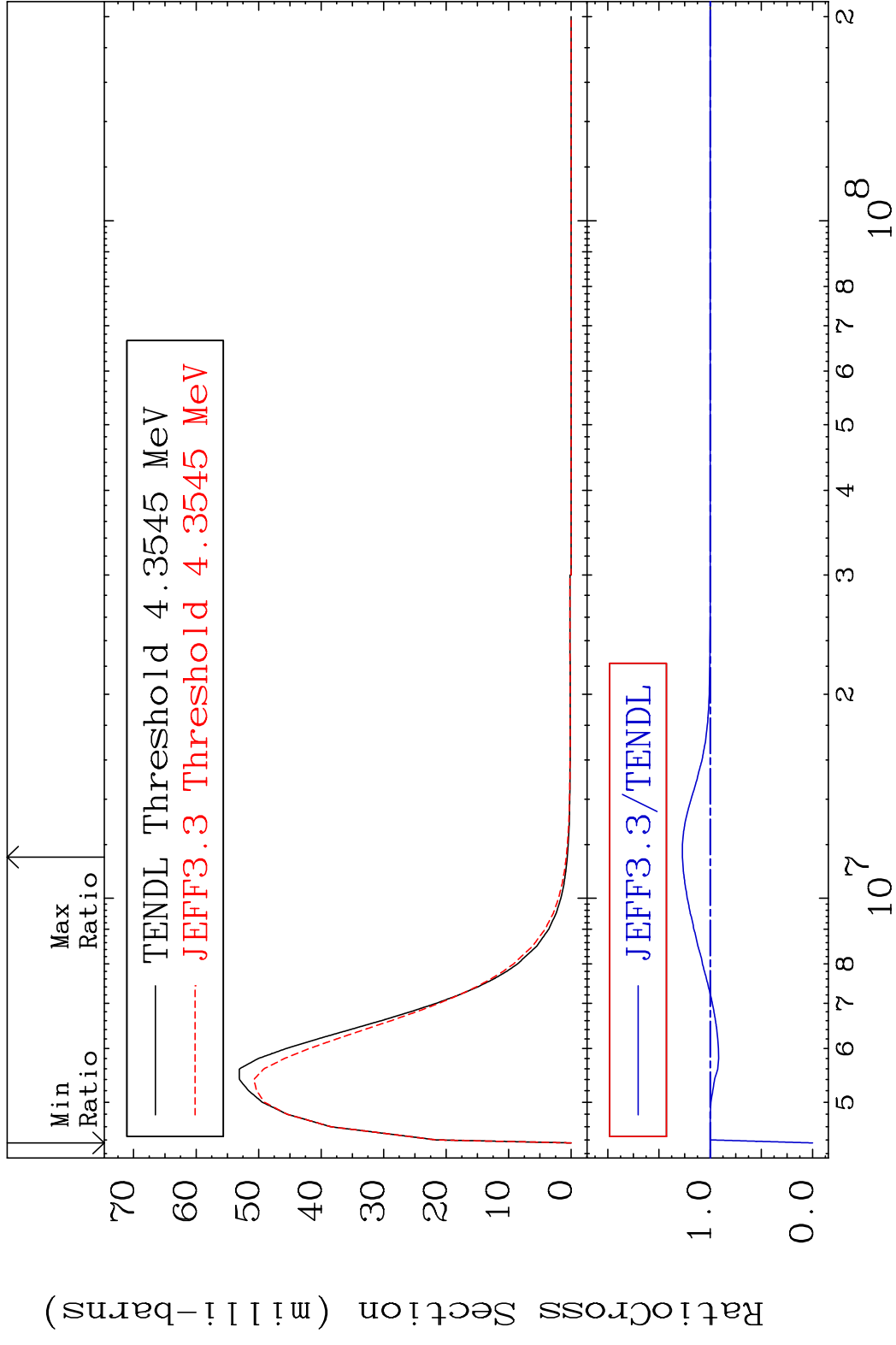


MAT 2043

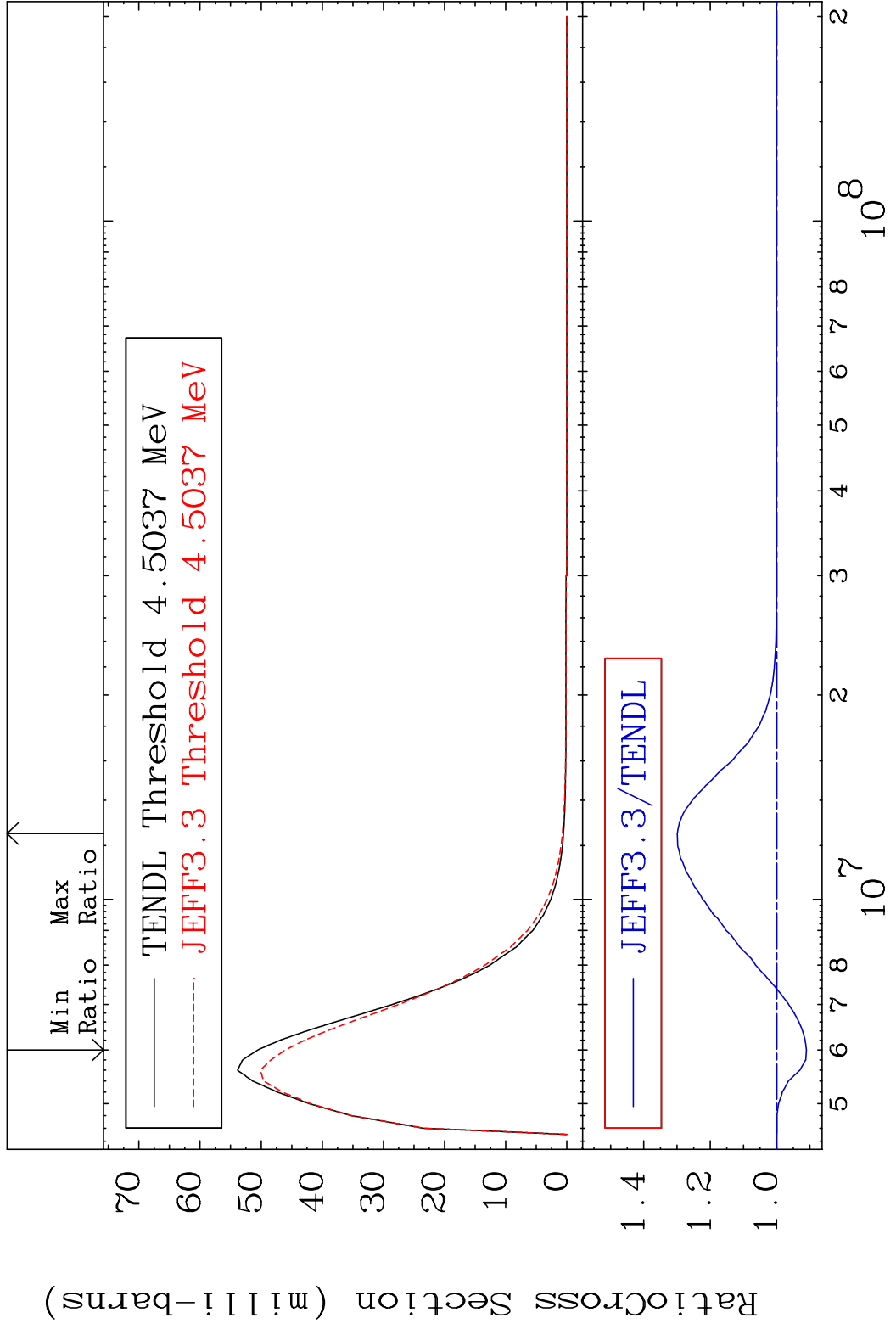
MT= 62 (n, n') Level

20-Ca-46

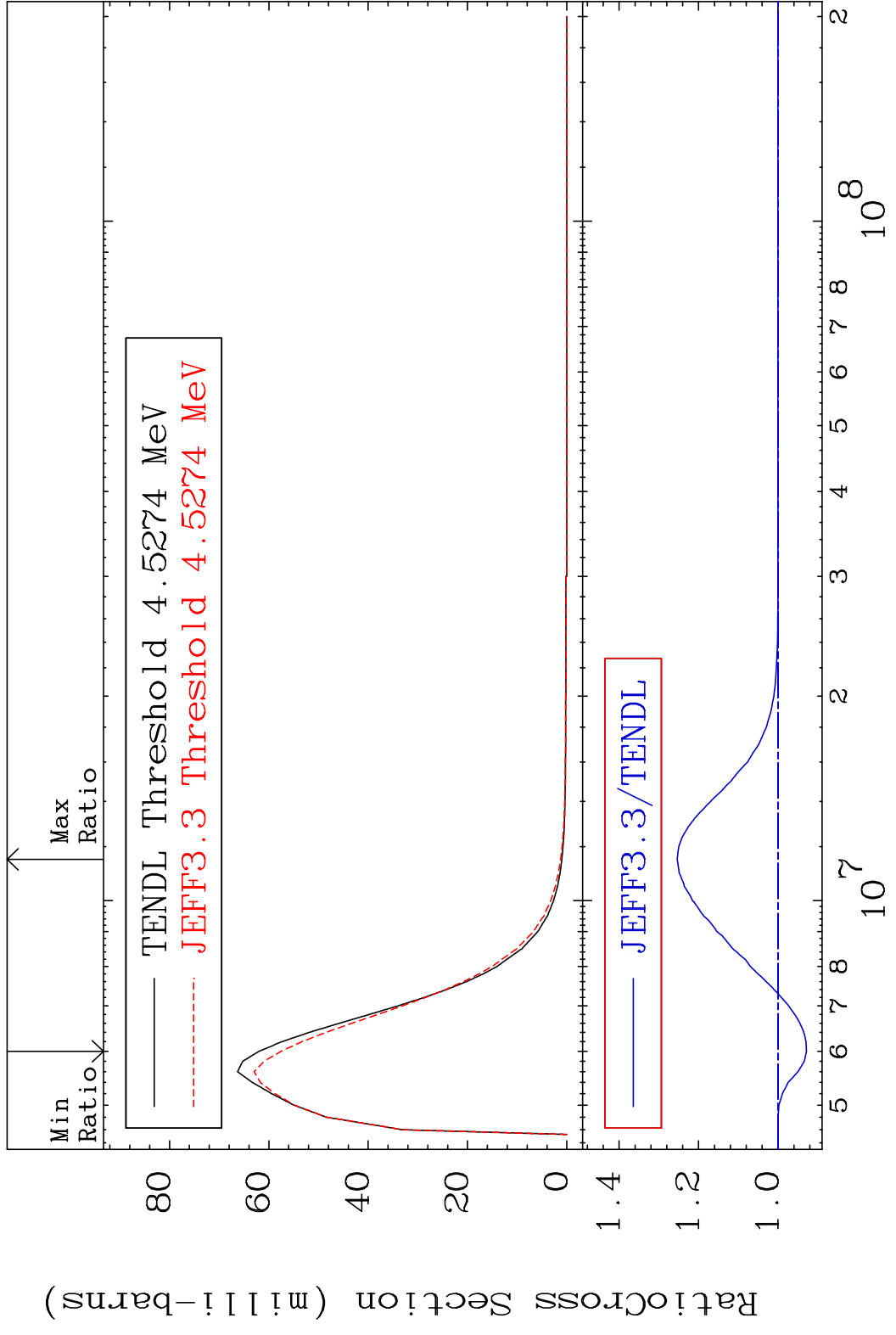
Cross Section -100.0 To 27.17 %



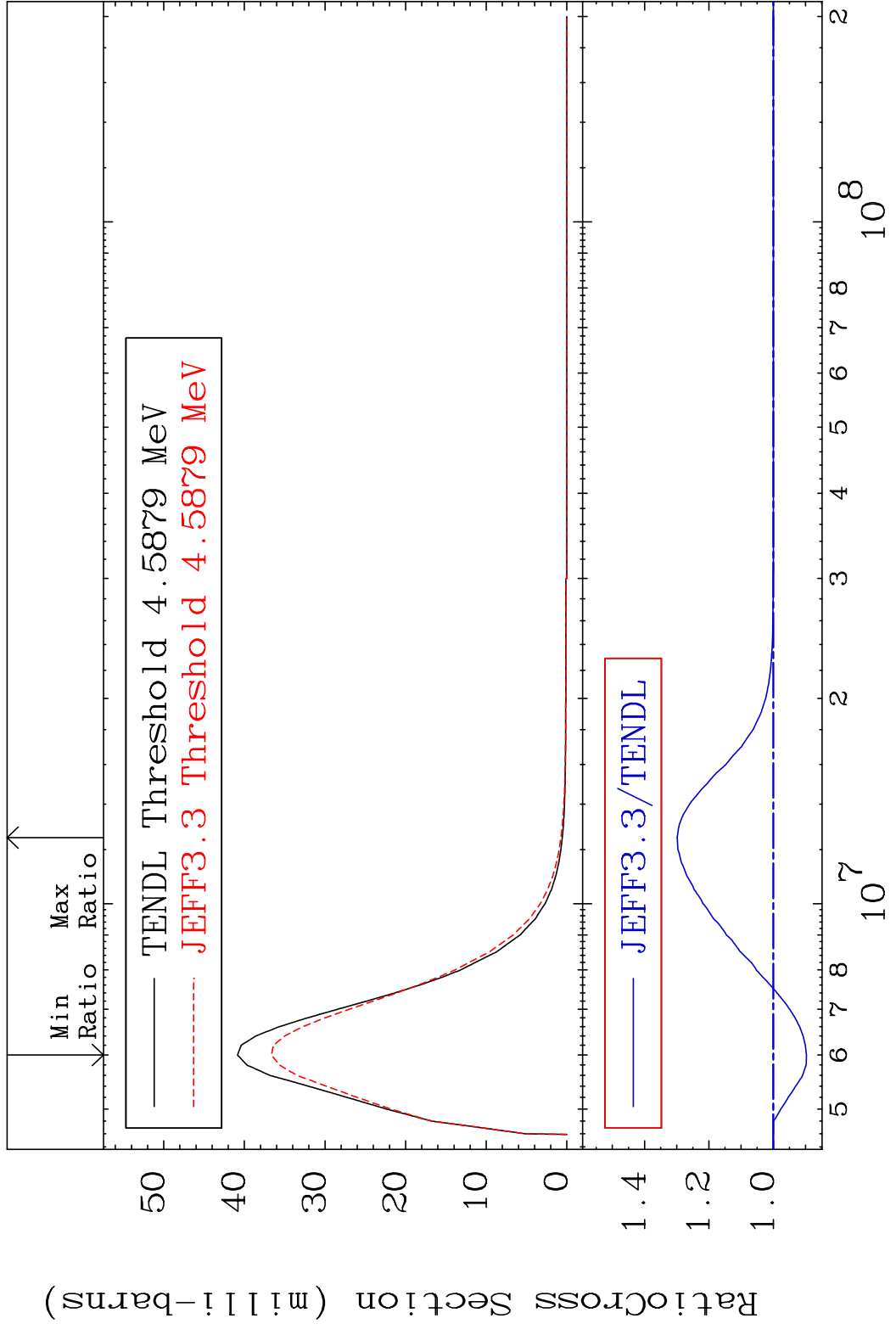
MAT 2043 MT= 63 (n, n') Level 20-Ca-46
 Cross Section -8.949 To 29.95 %



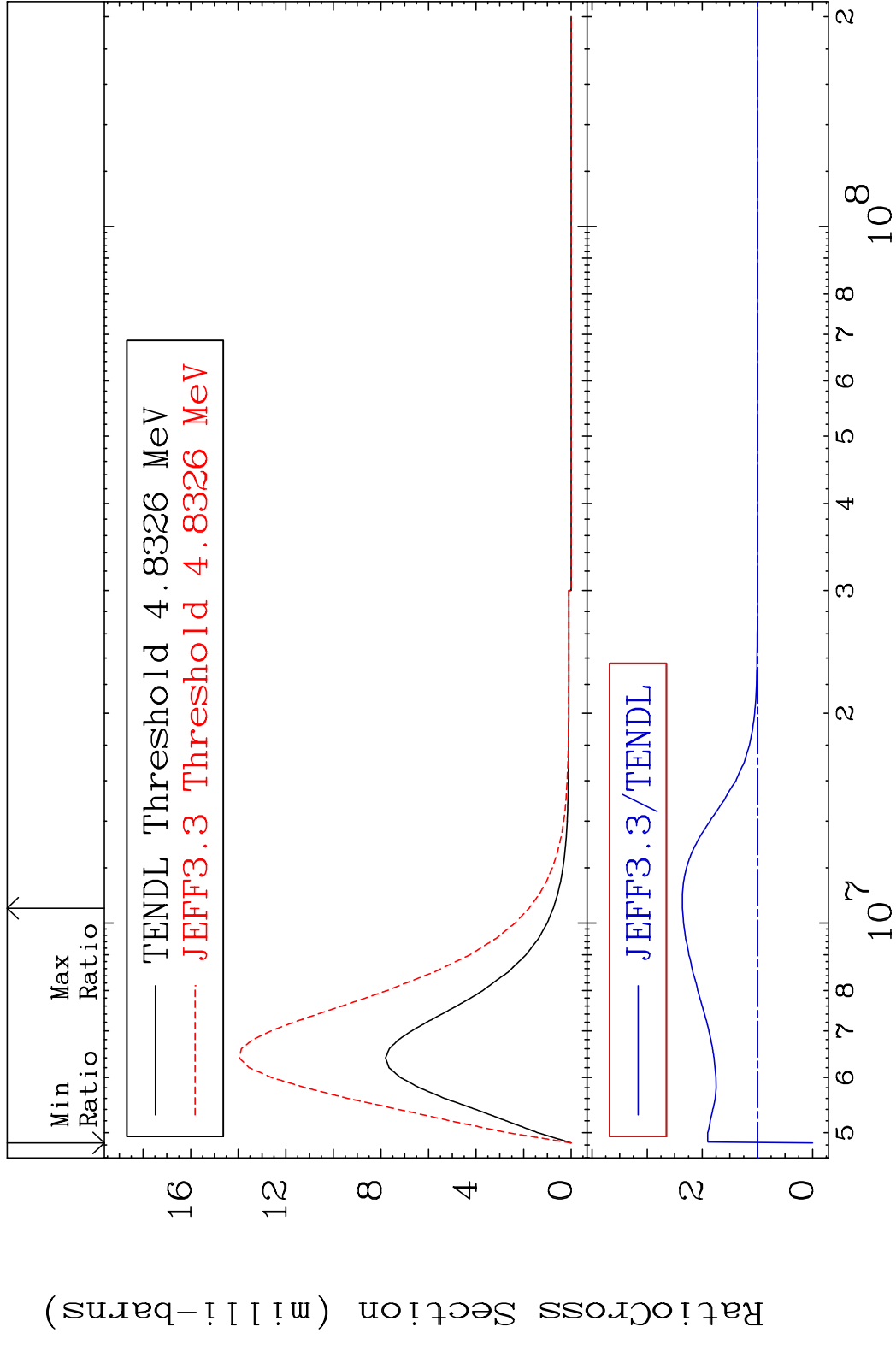
MAT 2043 MT= 64 (n,n') Level 20-Ca-46
 Cross Section -7.148 To 25.38 %



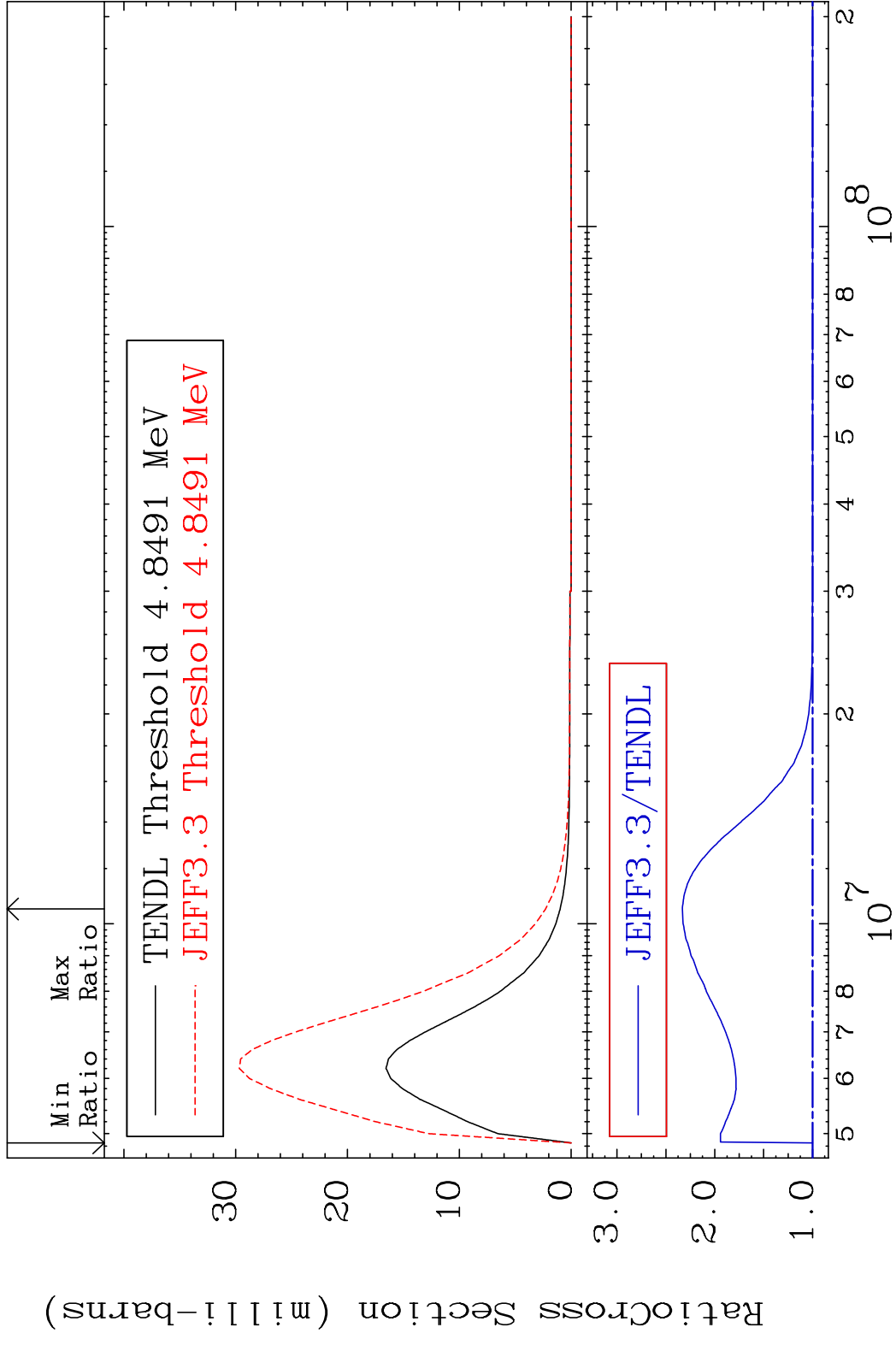
MAT 2043 MT= 65 (n,n') Level 20-Ca-46
 Cross Section -10.28 To 29.86 %



MAT 2043 MT= 66 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 136.2 %

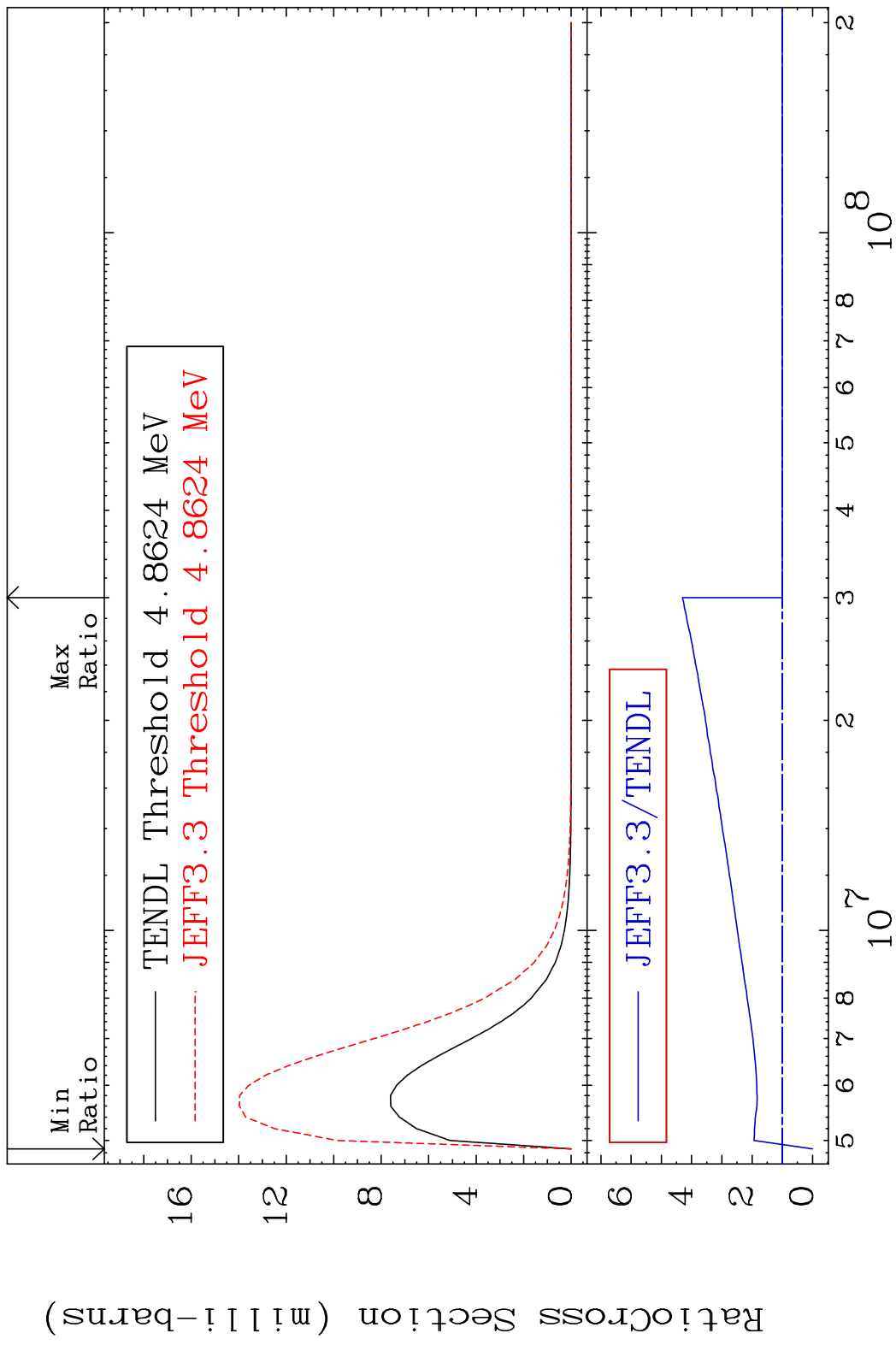


MAT 2043 MT= 67 (n, n') Level 20-Ca-46
 Cross Section 0.000 To 133.2 %

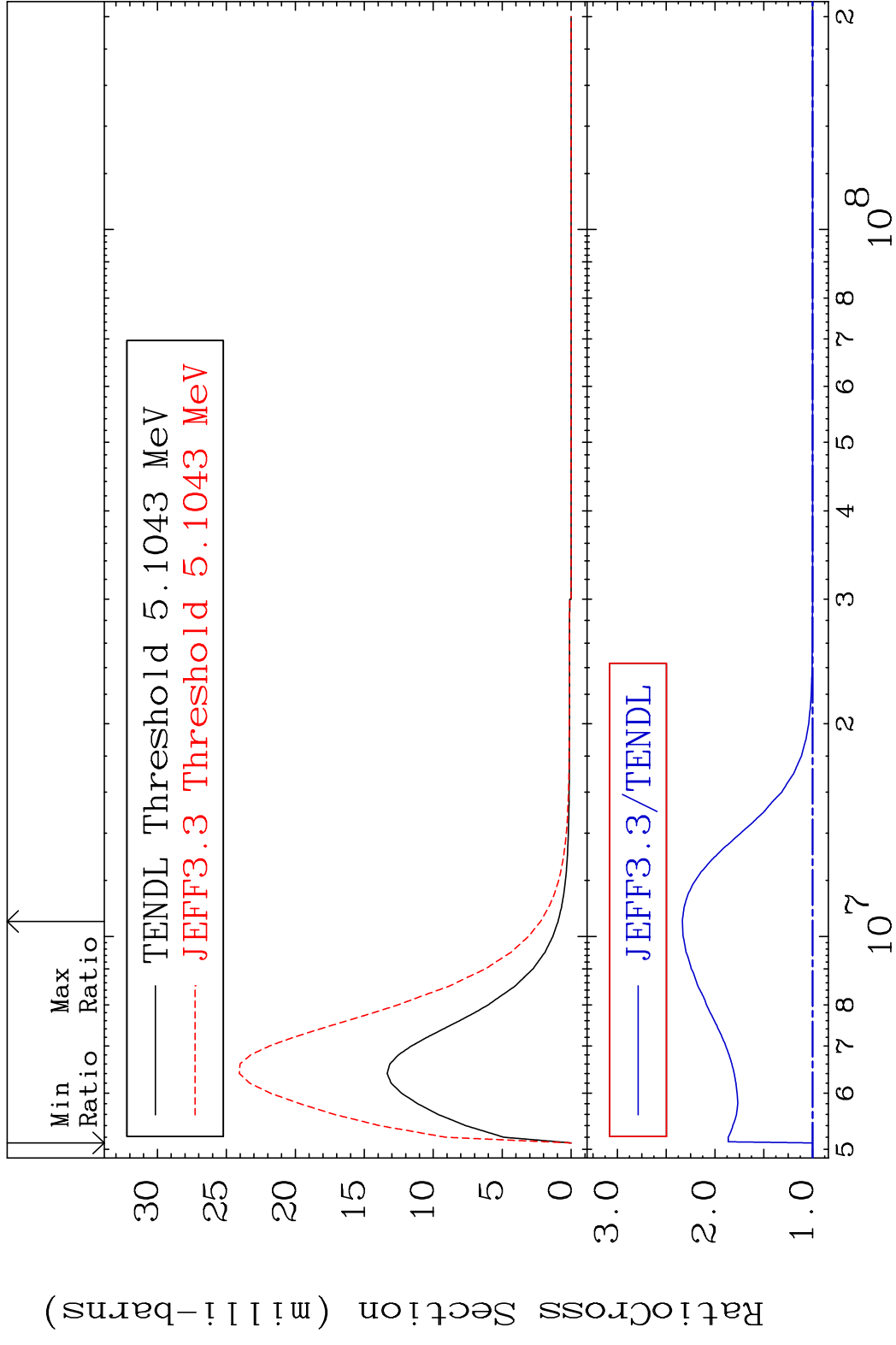


31 Incident Energy (eV) 20-Ca-46

MAT 2043 MT= 68 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 330.6 %

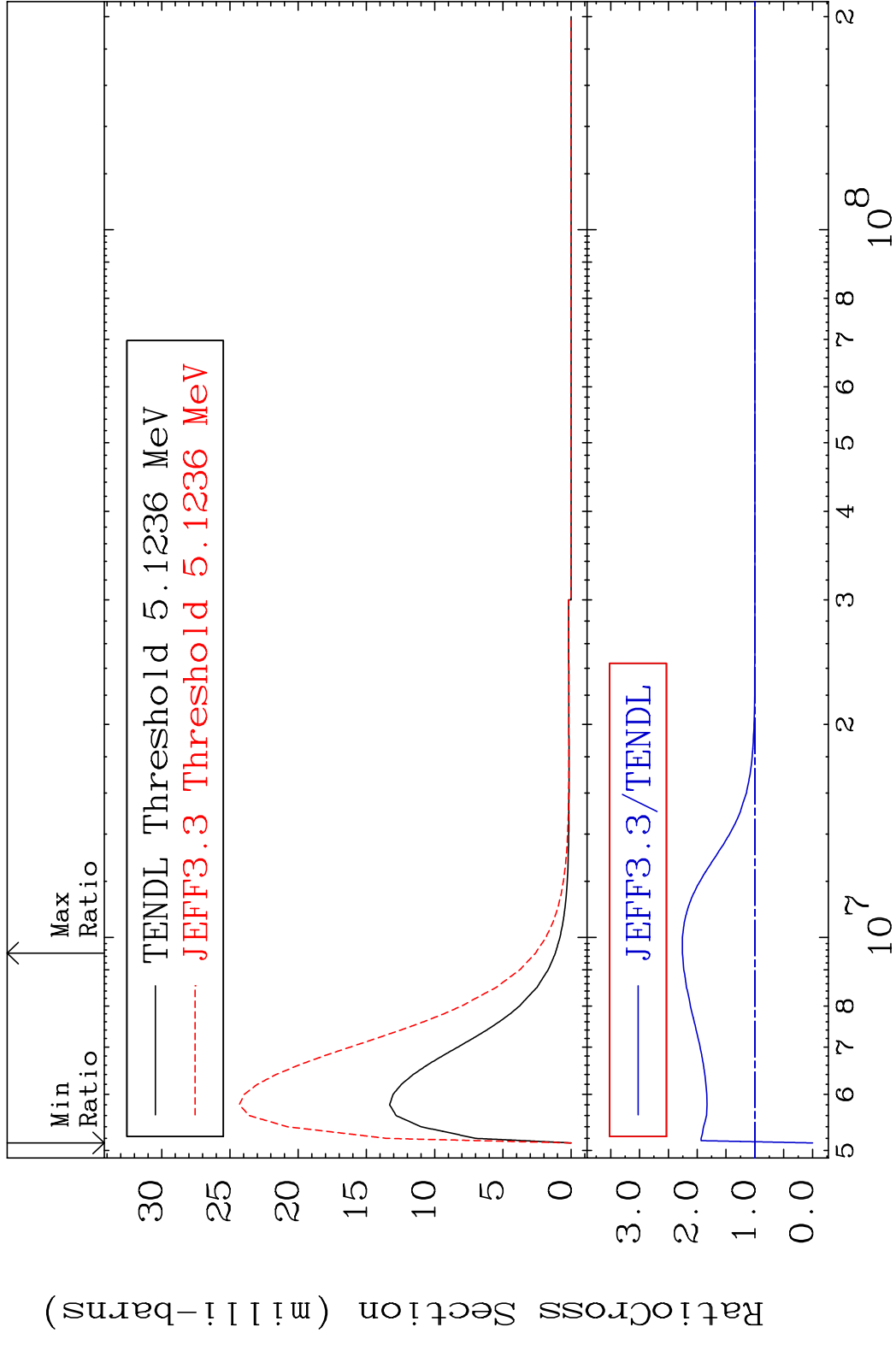


MAT 2043 MT= 69 (n, n') Level 20-Ca-46
 Cross Section 0.000 To 133.4 %

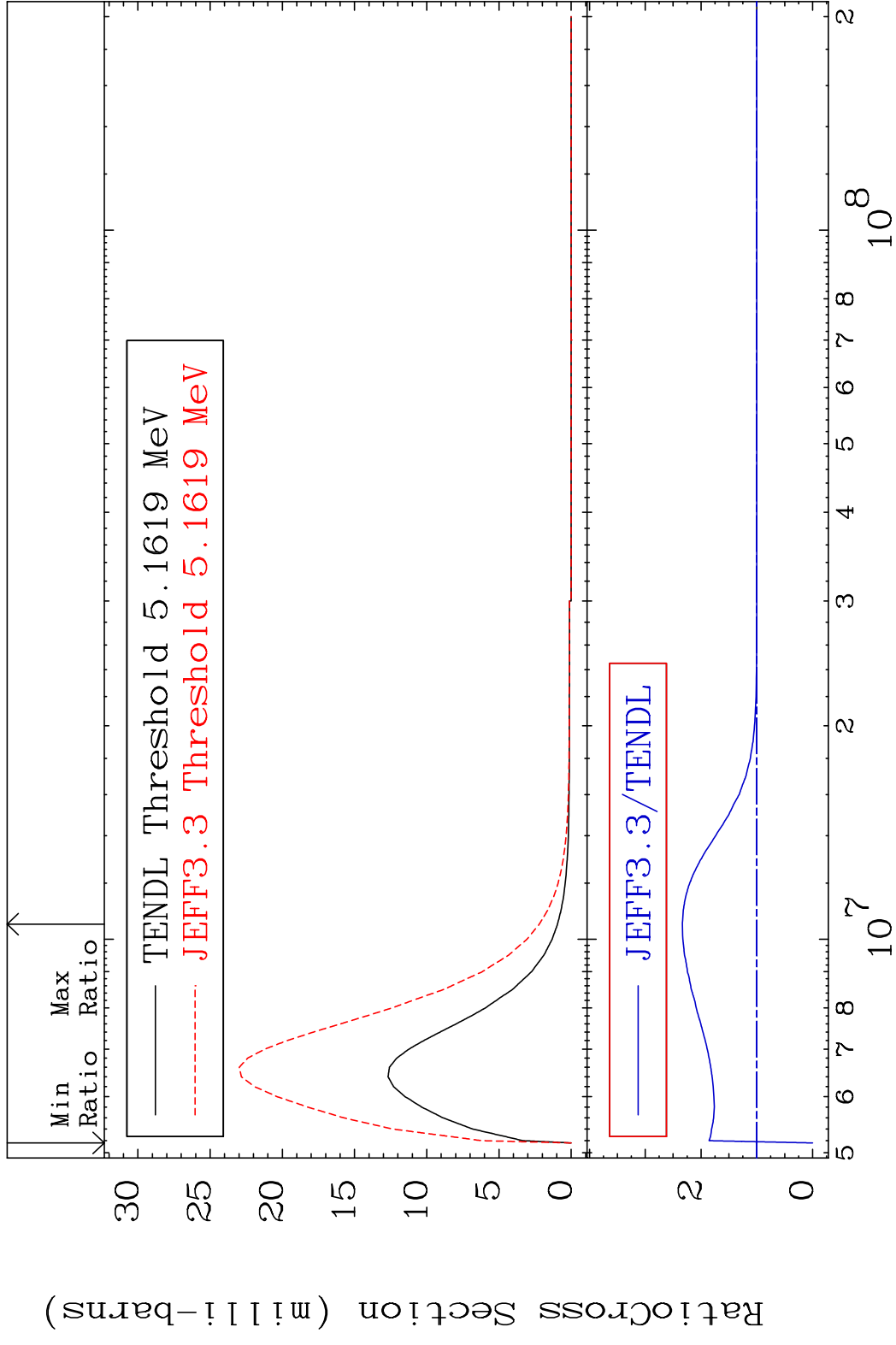


33 Incident Energy (eV) 20-Ca-46

MAT 2043 MT= 70 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 125.8 %

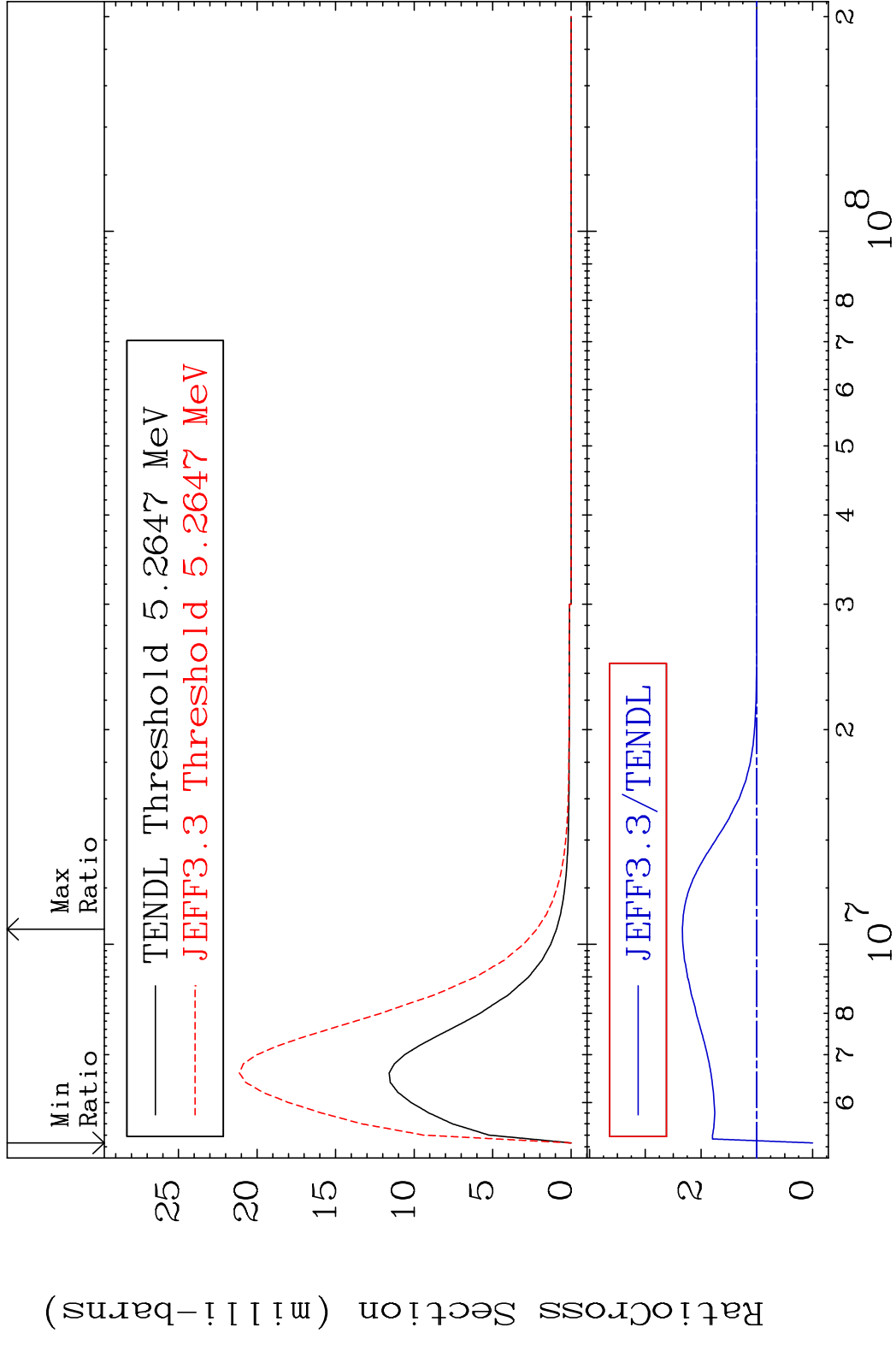


MAT 2043 MT= 71 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 133.5 %



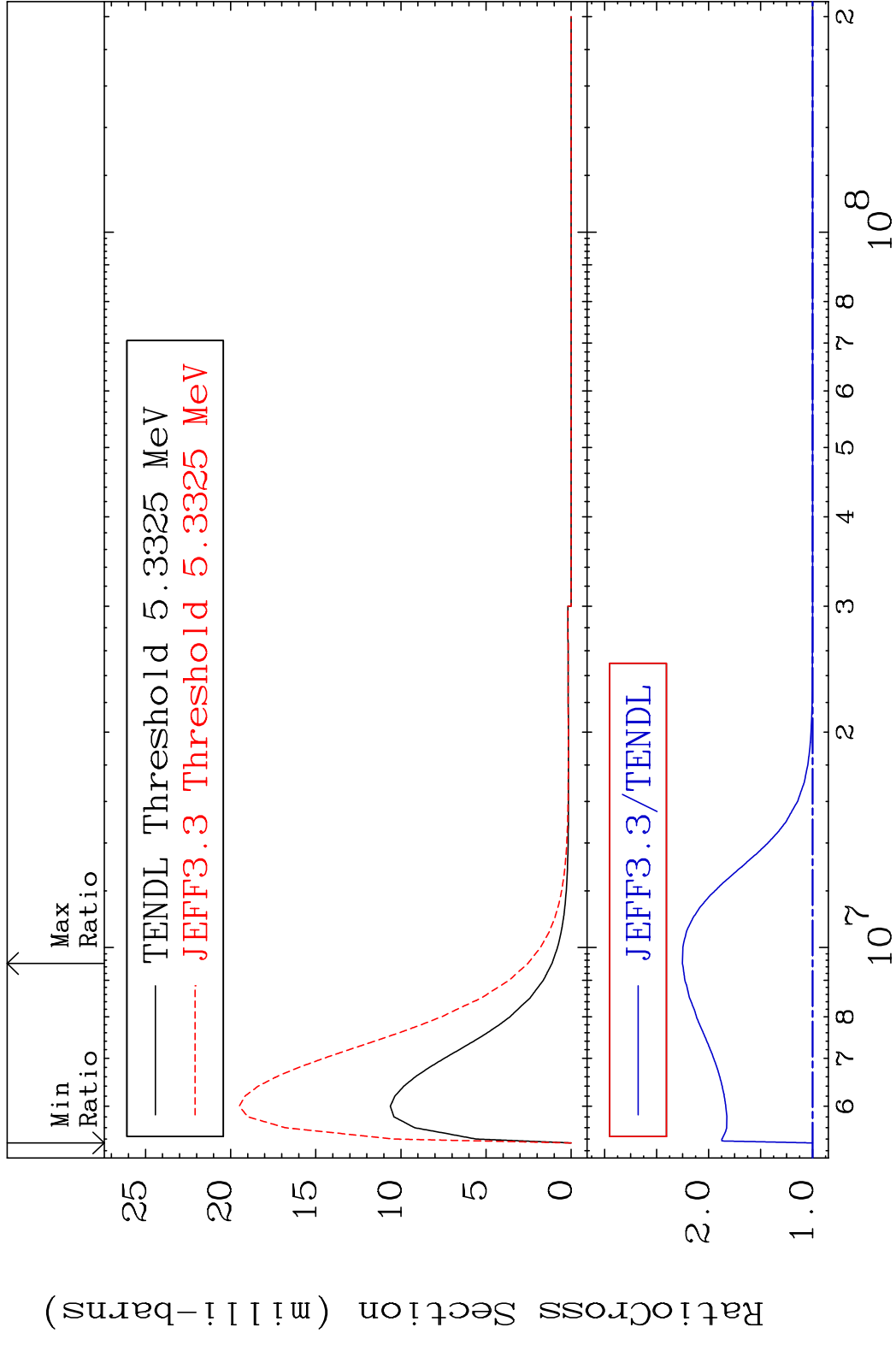
35 Incident Energy (eV) 20-Ca-46

MAT 2043 MT= 72 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 133.6 %

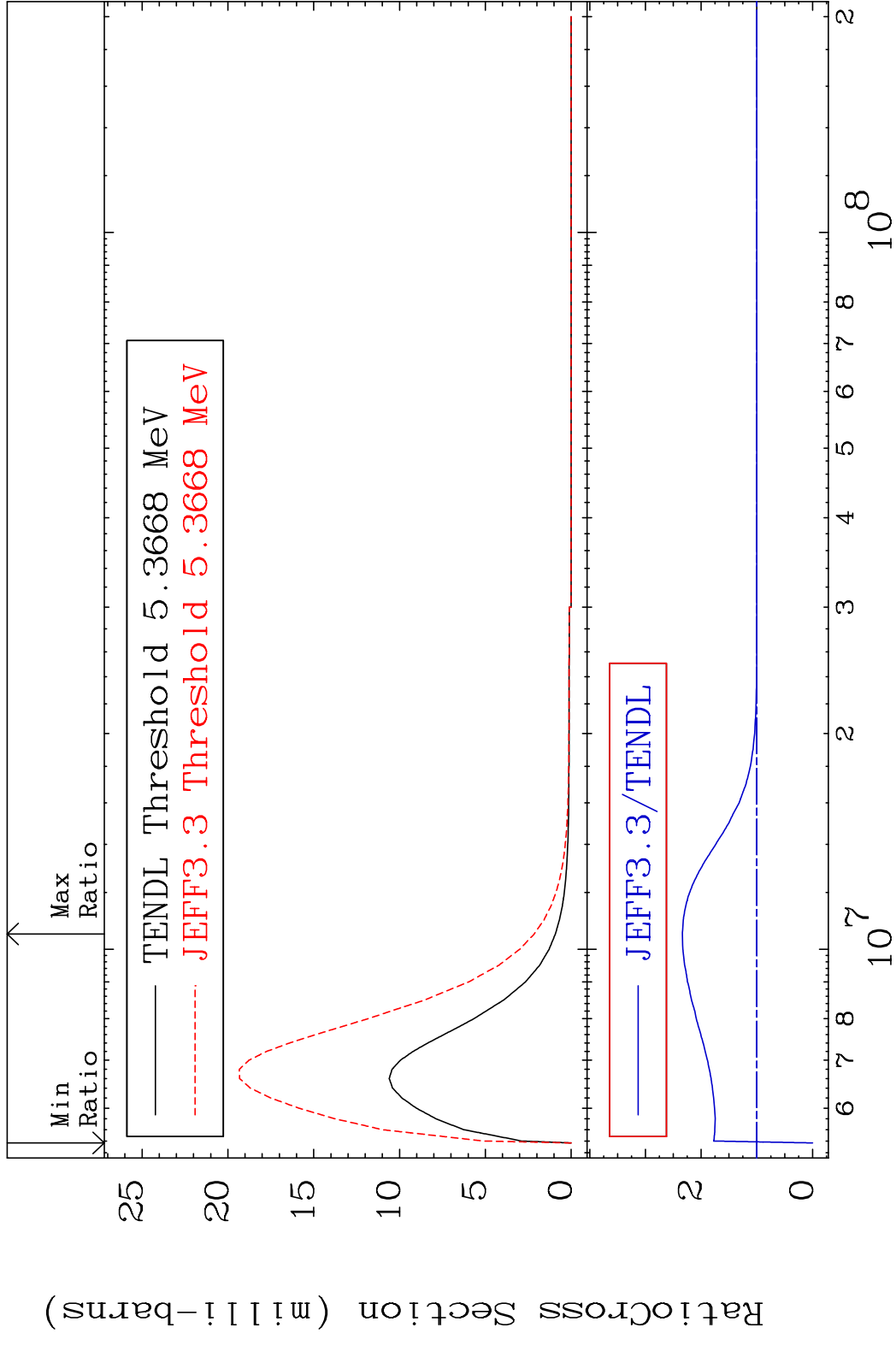


36 Incident Energy (eV) 20-Ca-46

MAT 2043 MT= 73 (n, n') Level 20-Ca-46
 Cross Section 0.000 To 125.3 %

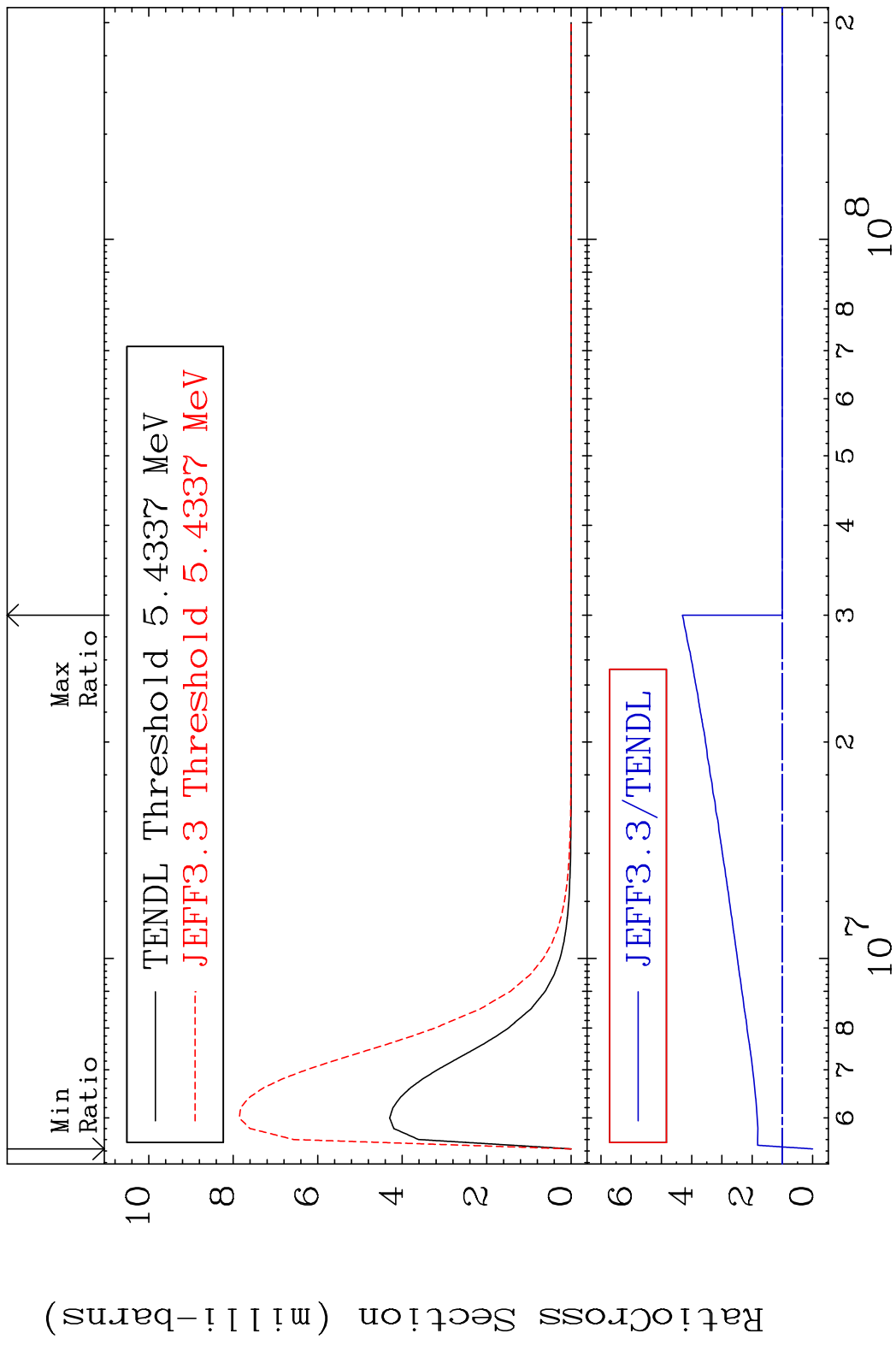


MAT 2043 MT= 74 (n, n') Level 20-Ca-46
 Cross Section -100.0 To 133.7 %

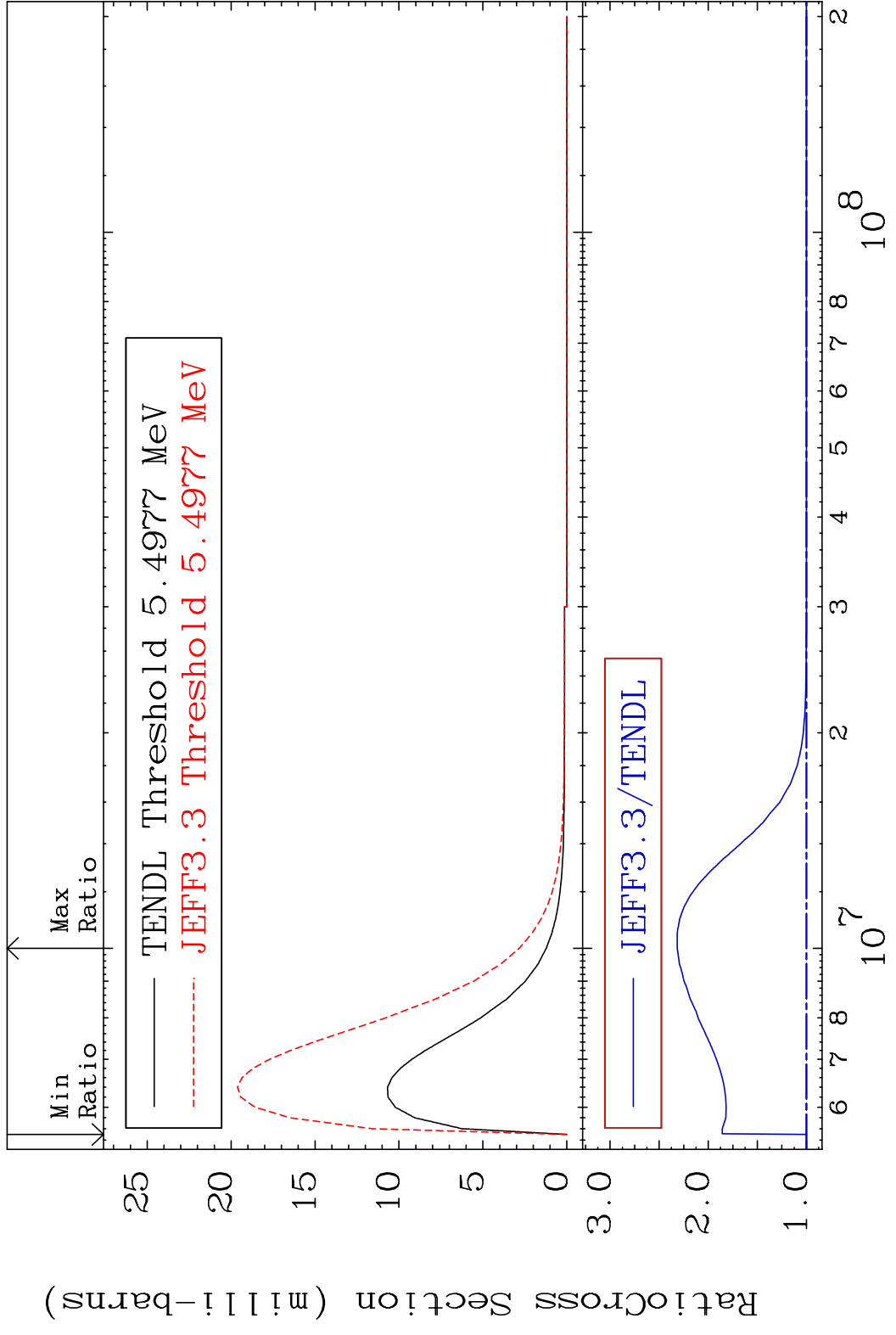


38 Incident Energy (eV) 20-Ca-46

MAT 2043 MT= 75 (n,n') Level 20-Ca-46
 Cross Section -100.0 To 330.7 %

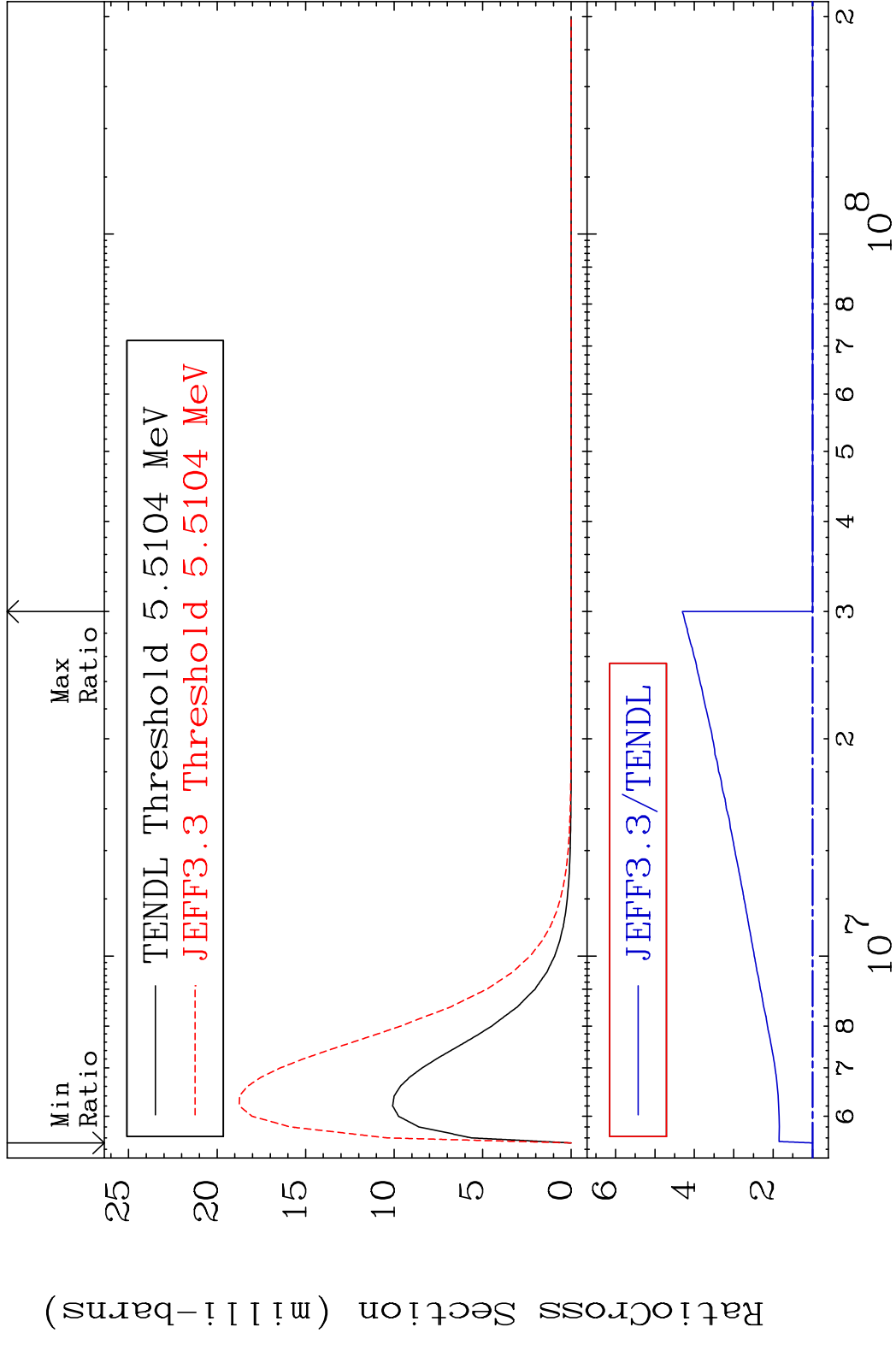


MAT 2043 MT= 76 (n,n') Level 20-Ca-46
 Cross Section 0.000 To 131.6 %

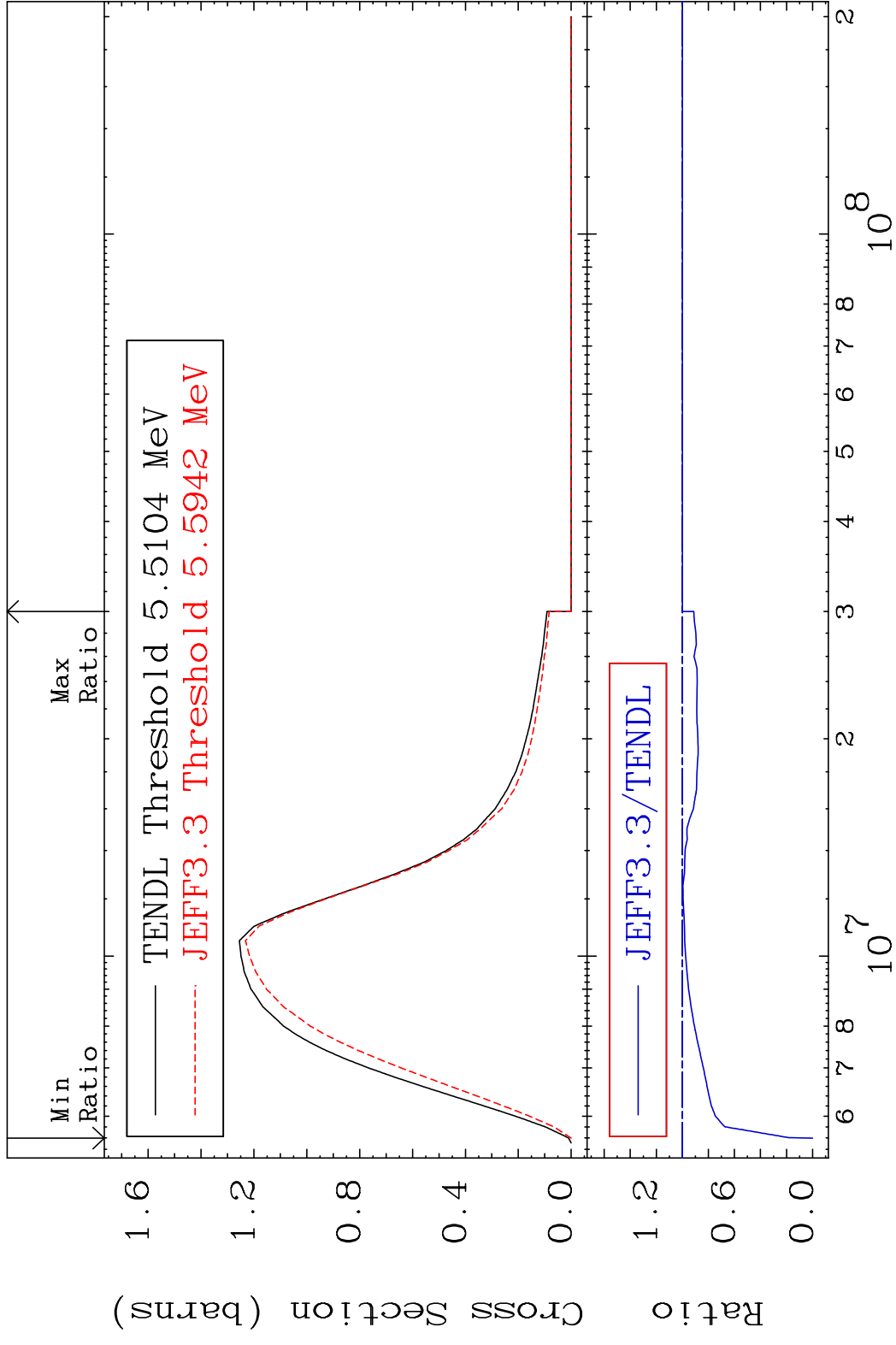


40 Incident Energy (eV) 20-Ca-46

MAT 2043 MT= 77 (n, n') Level 20-Ca-46
 Cross Section 0.000 To 330.5 %



MAT 2043 (n, n') Continuum 20-Ca-46
 Cross Section -100.0 To 0.000 %

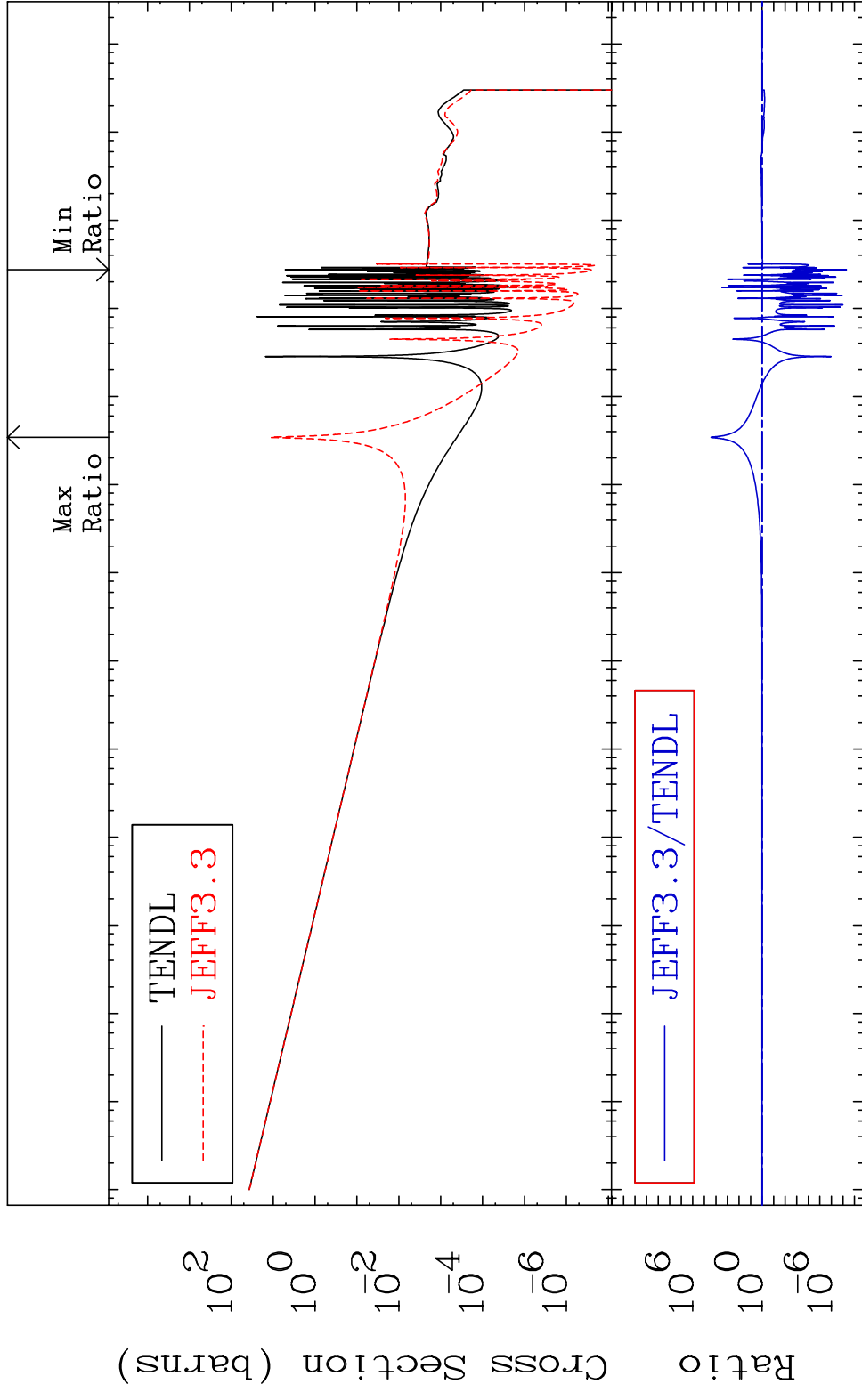


MAT 2043

20-Ca-46

(n, γ)

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

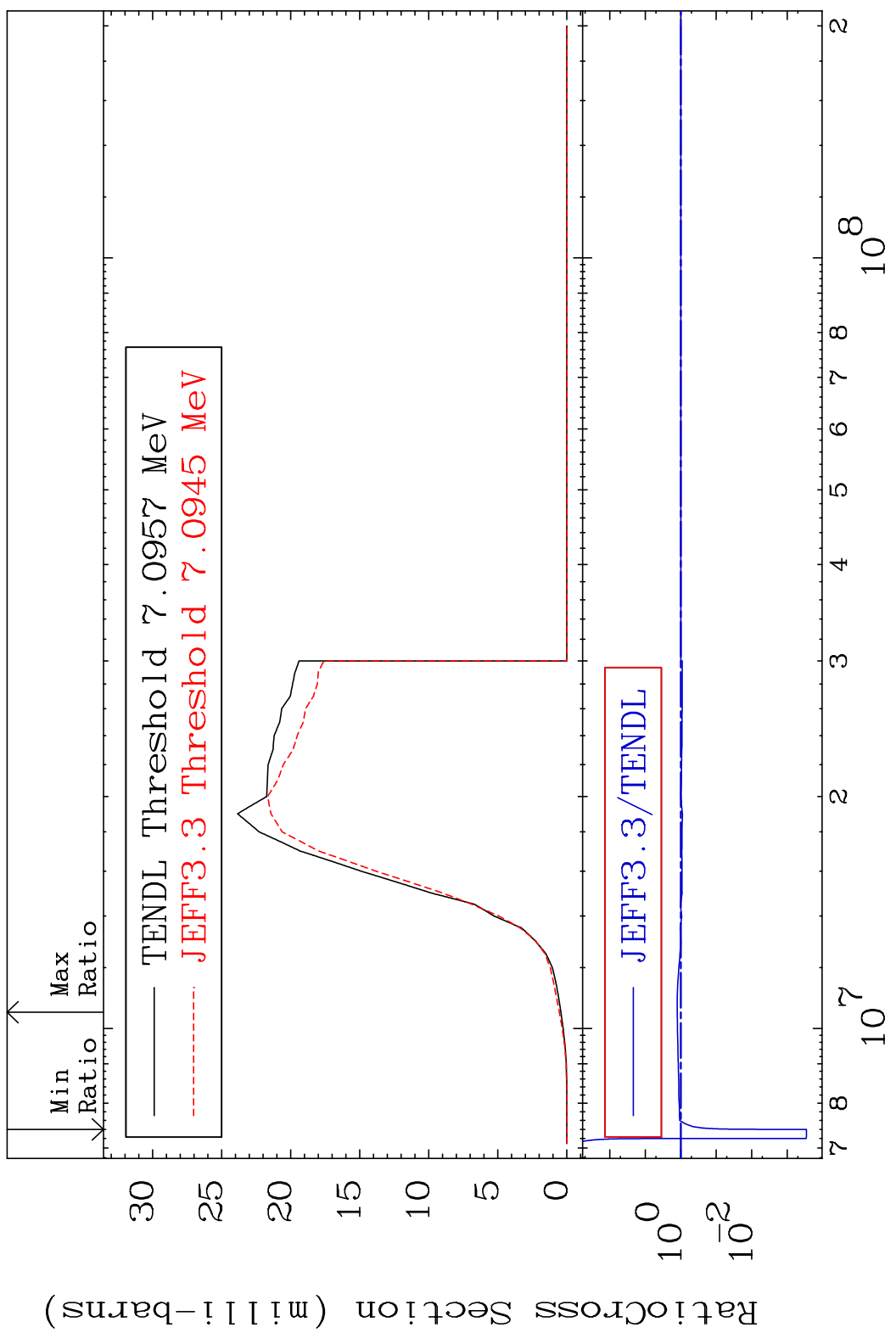
20-Ca-46

MAT 2043

(n,p)

20-Ca-46

Cross Section -99.97 To 26.05 %



44

Incident Energy (eV)

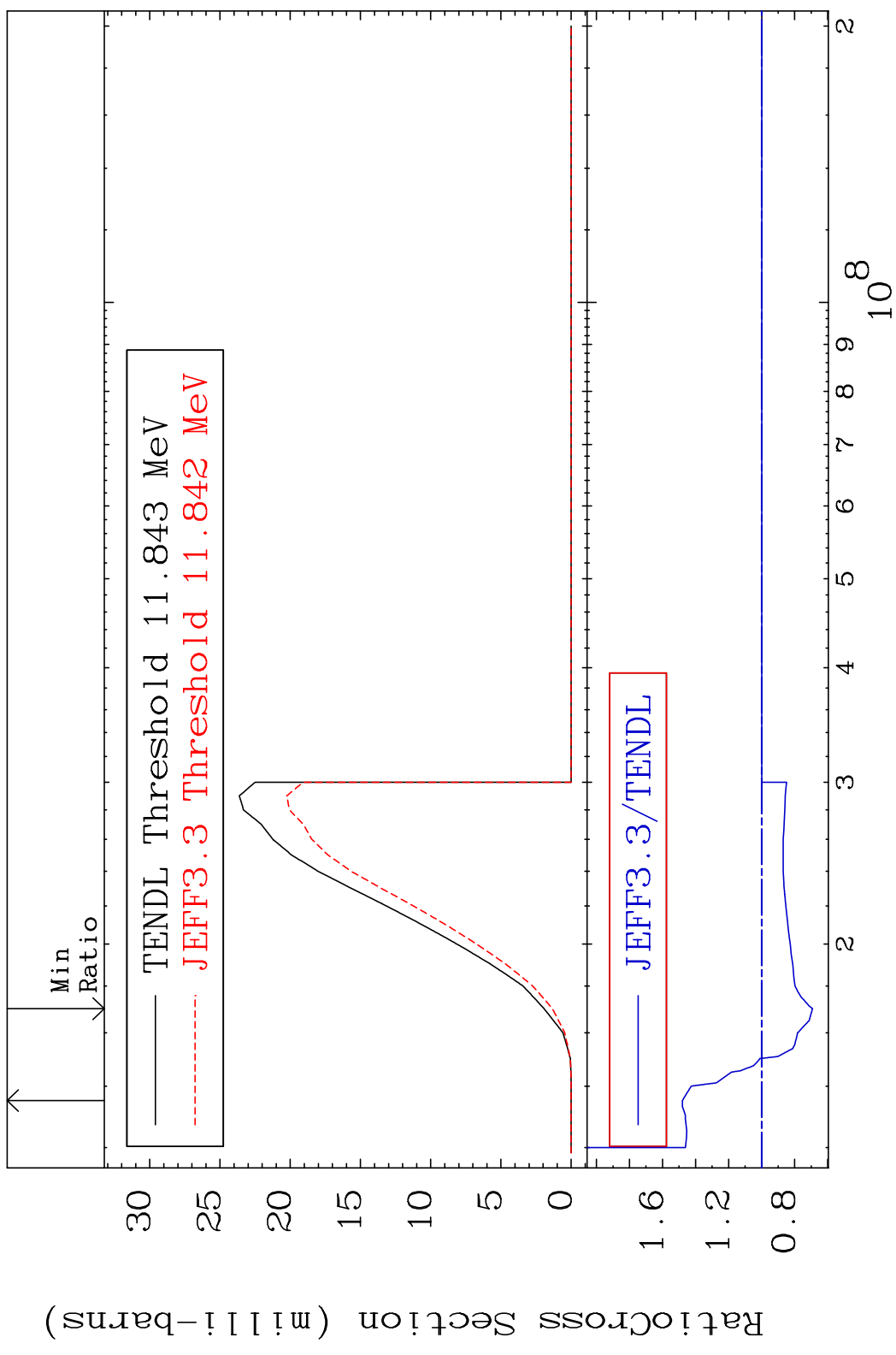
20-Ca-46

MAT 2043

(n, d)

20-Ca-46

Cross Section -30.82 To 47.99 %



45

Incident Energy (eV)

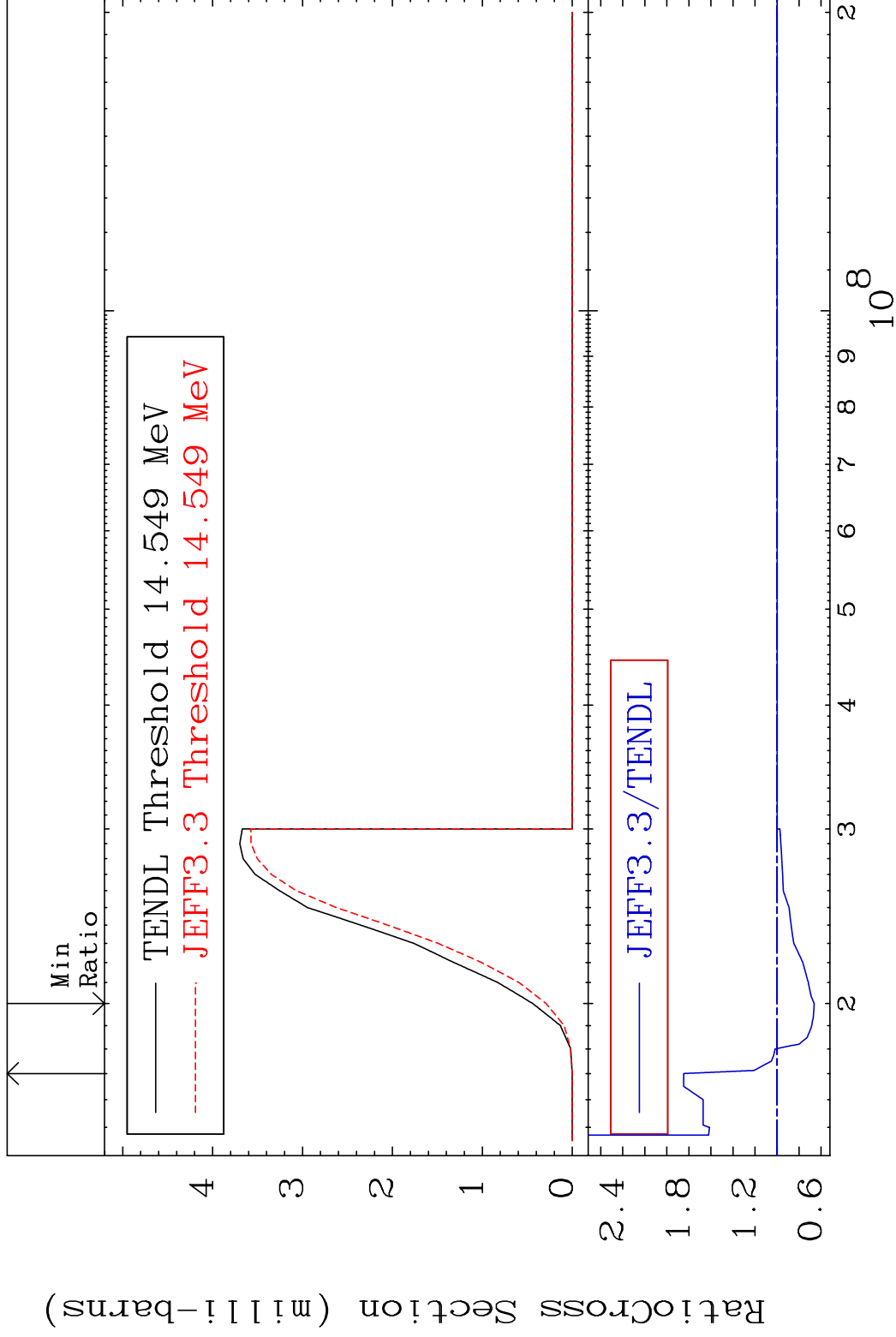
20-Ca-46

MAT 2043

(n, t)

20-Ca-46

Cross Section -33.65 To 84.75 %



46

Incident Energy (eV)

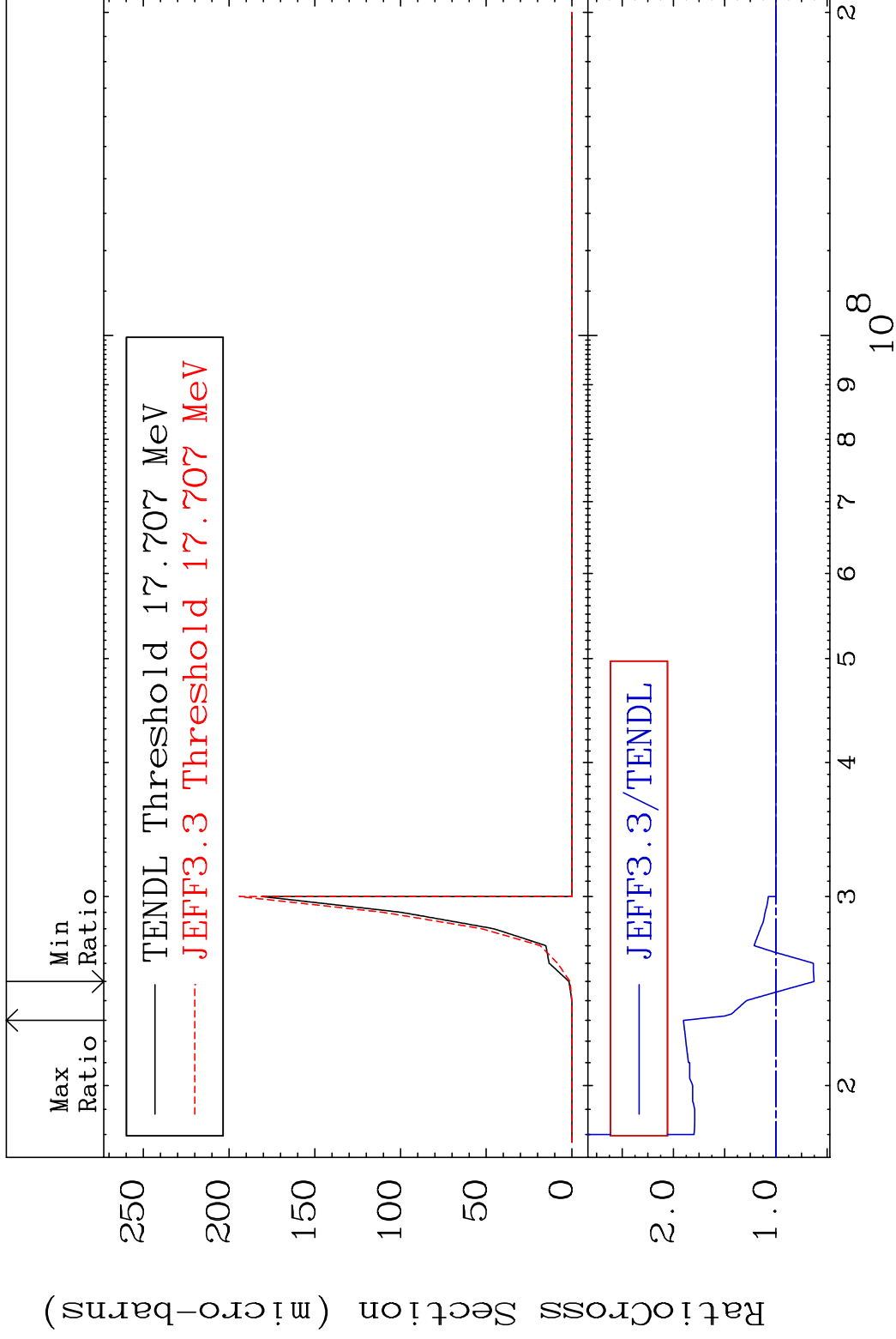
20-Ca-46

MAT 2043

(n, He-3)

20-Ca-46

Cross Section -37.16 To 90.30 %



47

Incident Energy (eV)

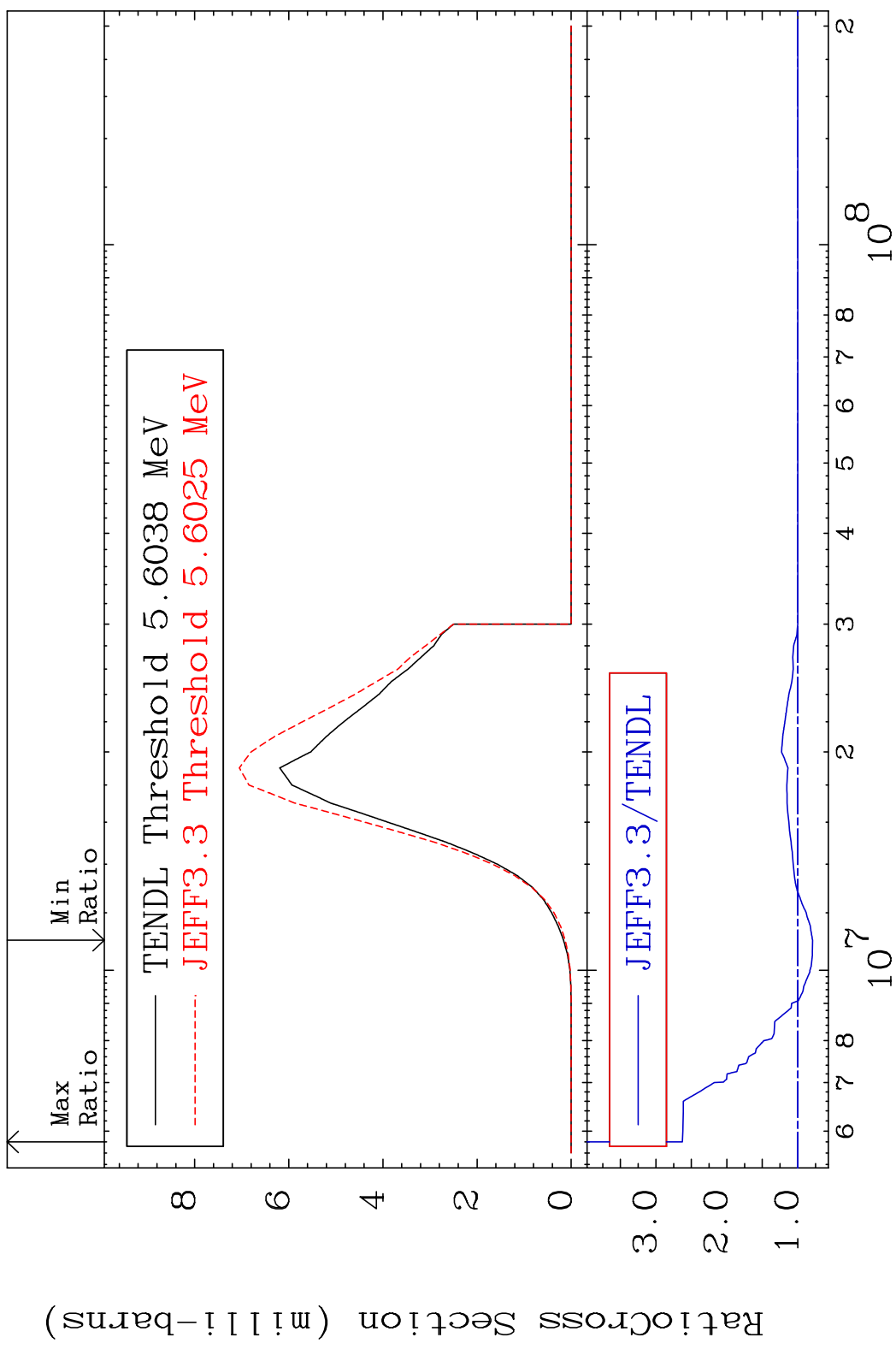
20-Ca-46

MAT 2043

(n, α)

20-Ca-46

Cross Section -20.91 To 162.7 %



48

Incident Energy (eV)

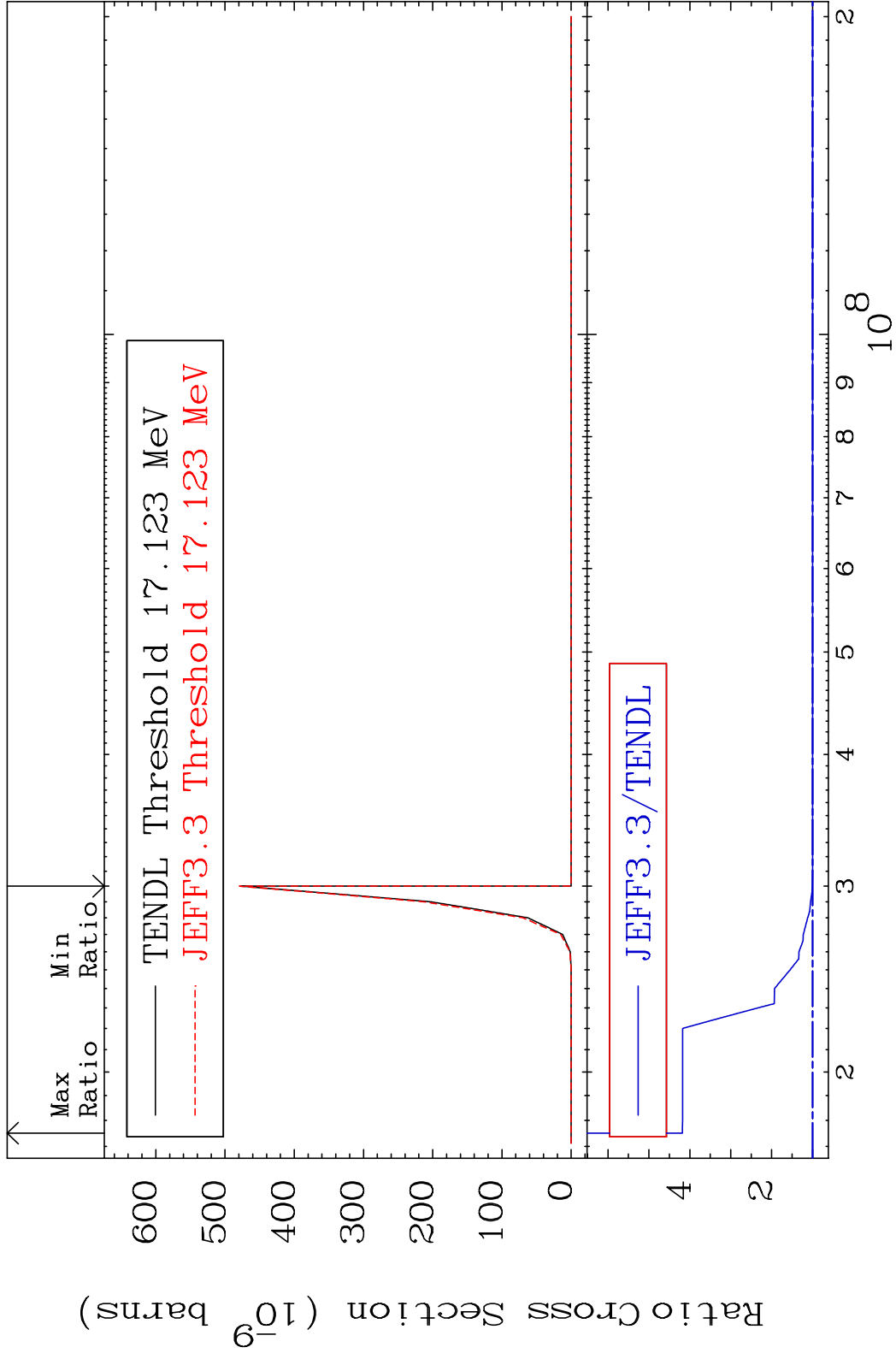
20-Ca-46

MAT 2043

(n,2α)

20-Ca-46

Cross Section 0.000 To 318.2 %



49

Incident Energy (eV)

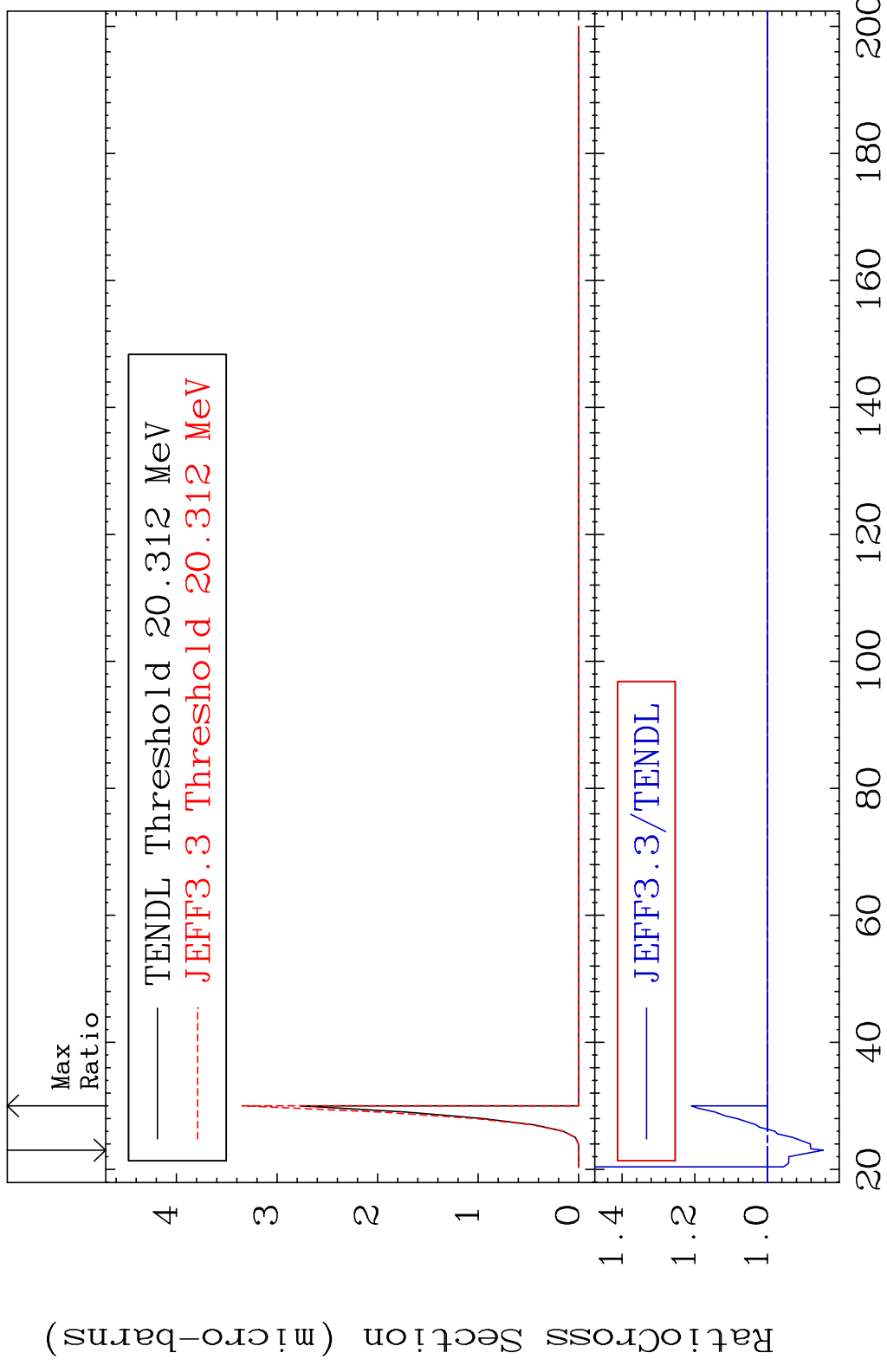
20-Ca-46

MAT 2043

(n,2p)

20-Ca-46

Cross Section -15.39 To 20.95 %



50

Incident Energy (MeV)

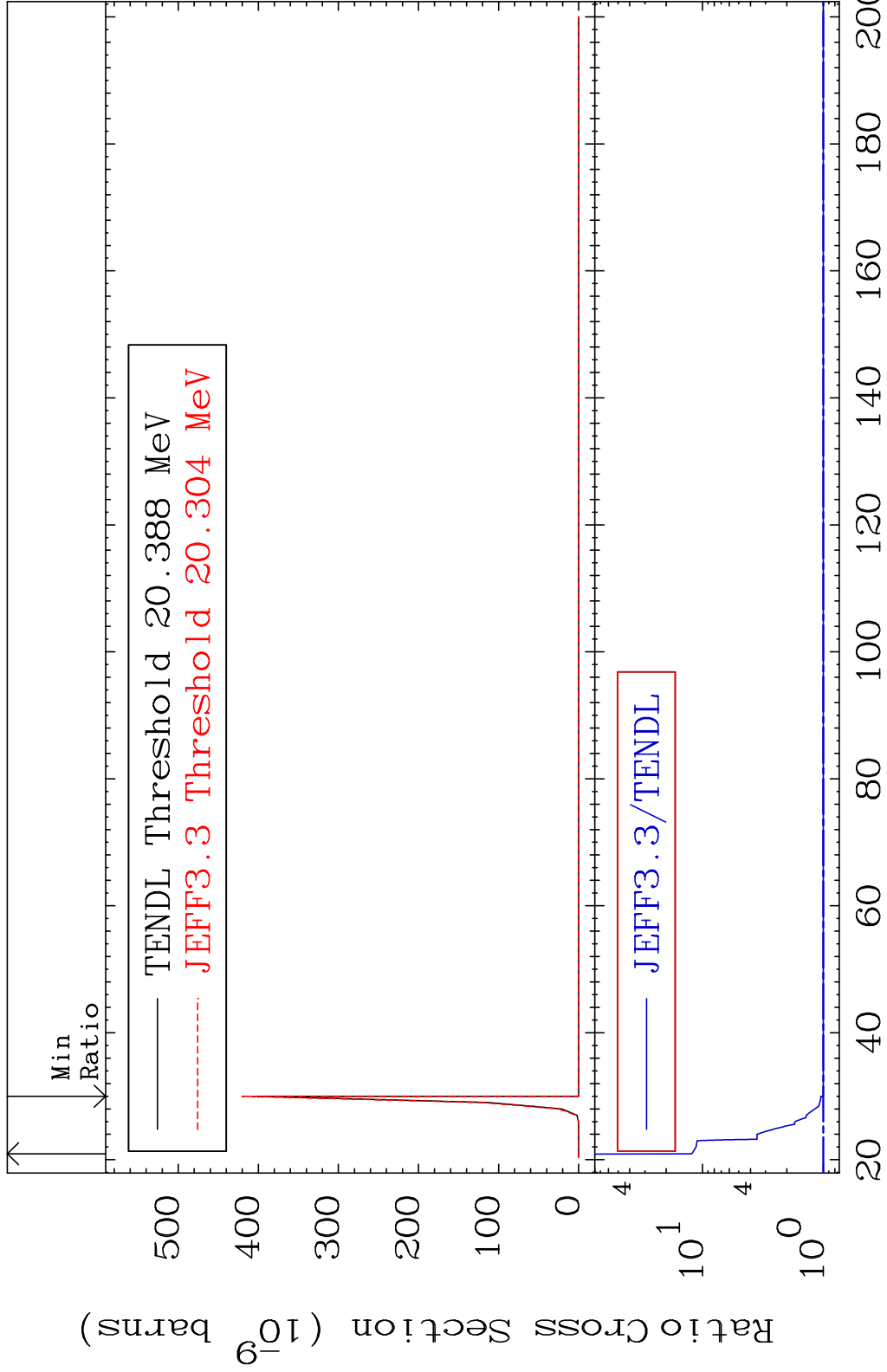
20-Ca-46

MAT 2043

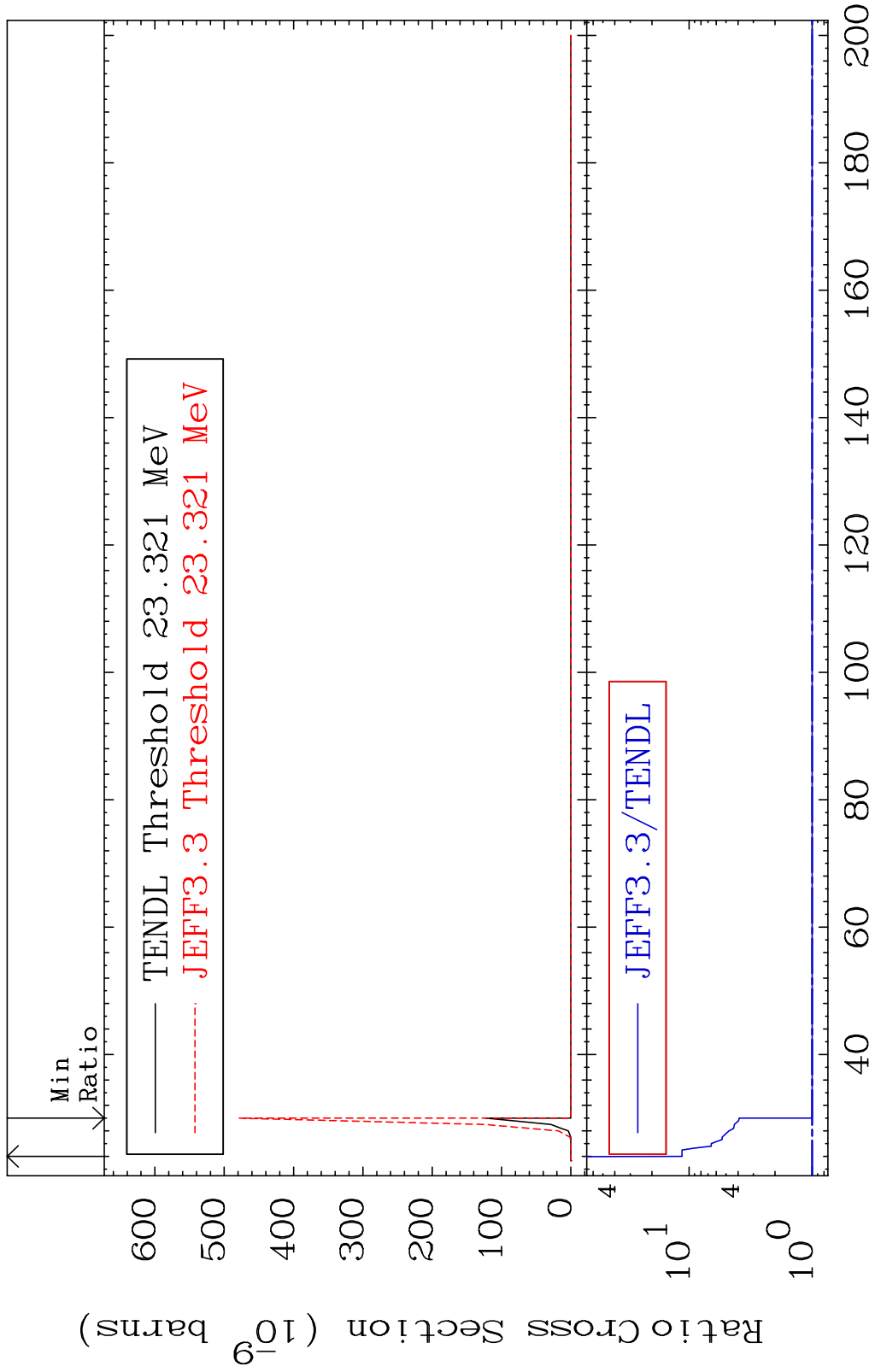
(n,p) α

20-Ca-46

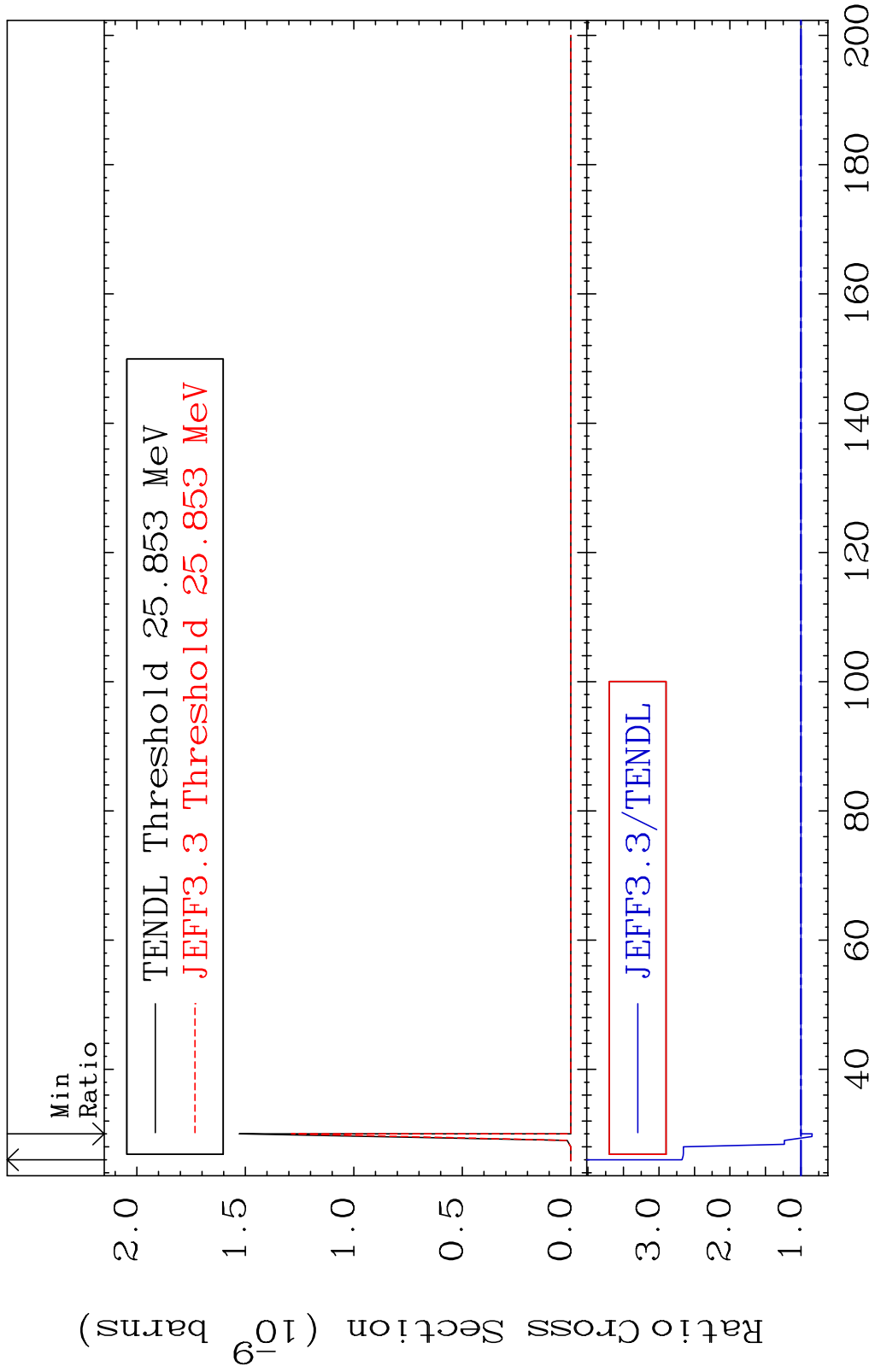
Cross Section 0.000 To 1136. %

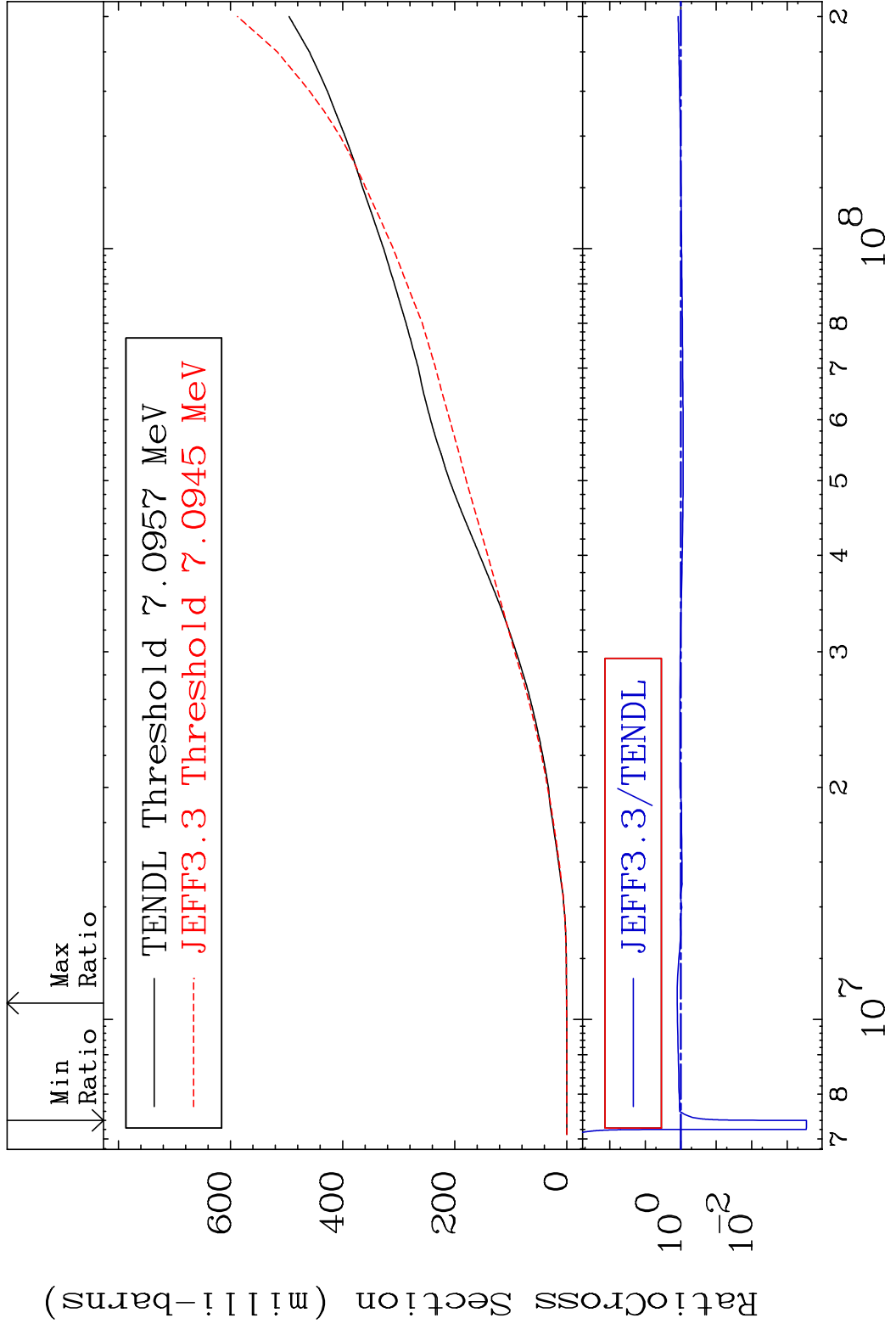


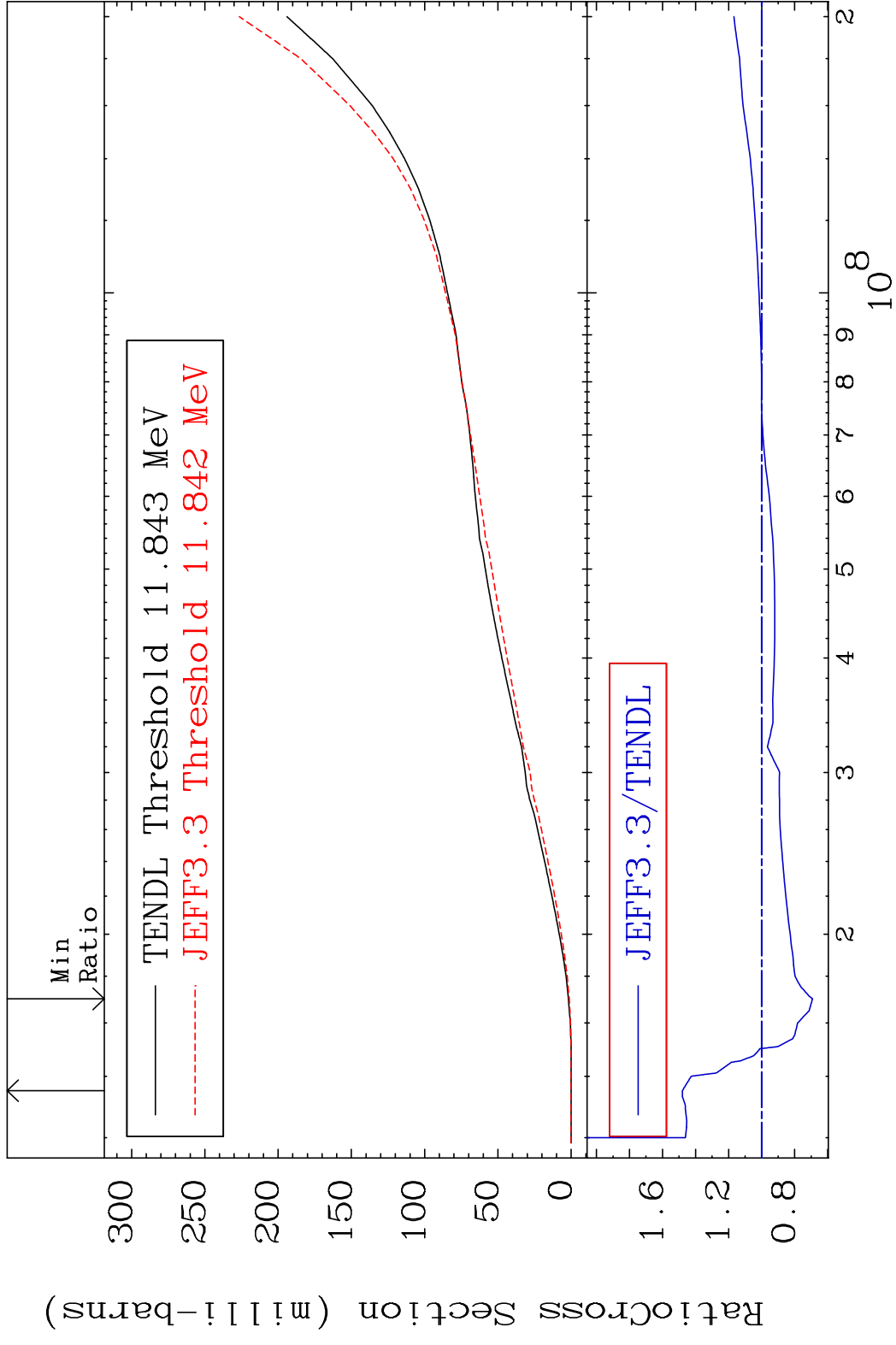
MAT 2043 (n,p) d 20-Ca-46
 Cross Section 0.000 To 1040. %

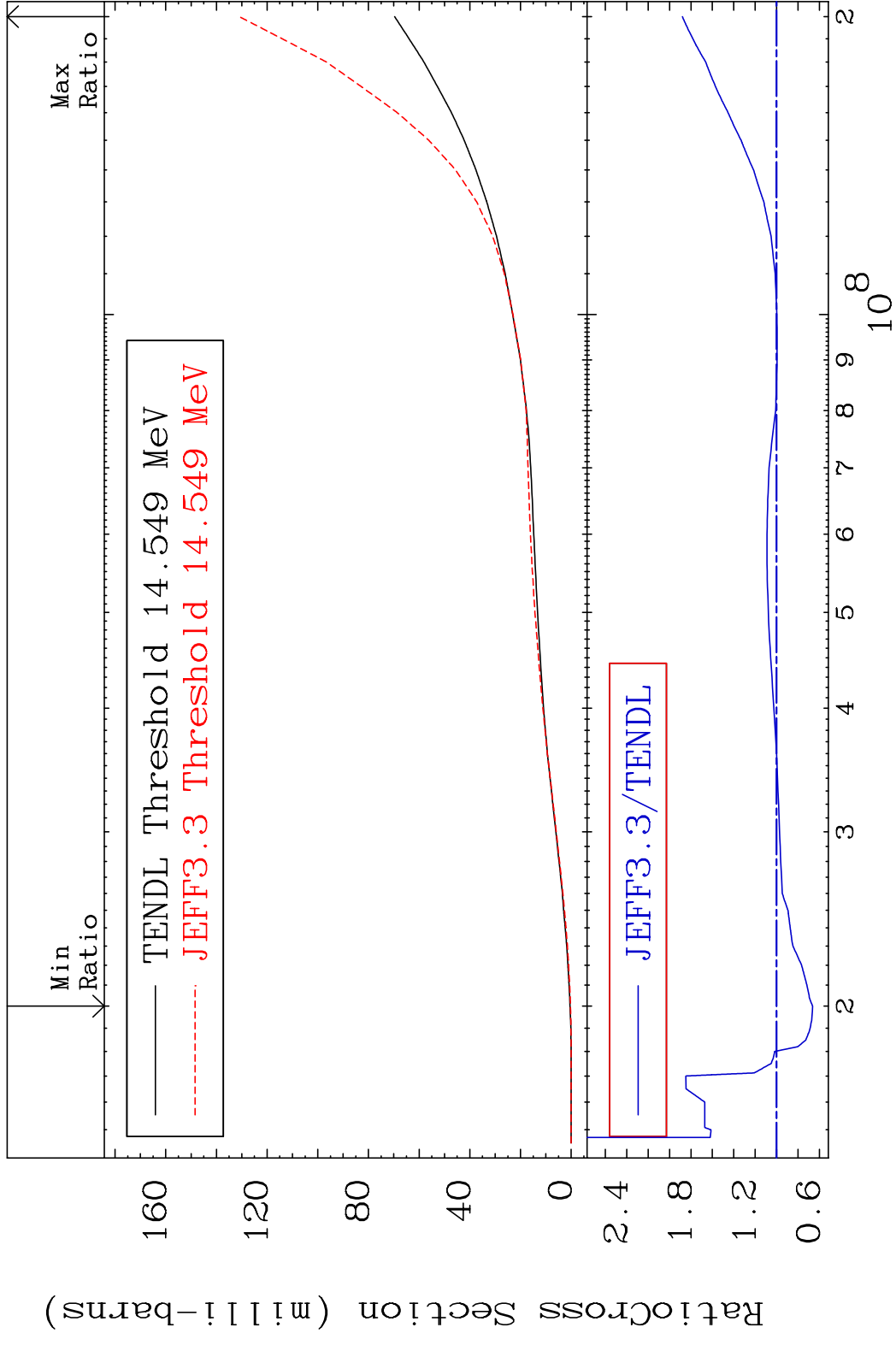


MAT 2043 (n,p) t 20-Ca-46
 Cross Section -15.72 To 167.6 %

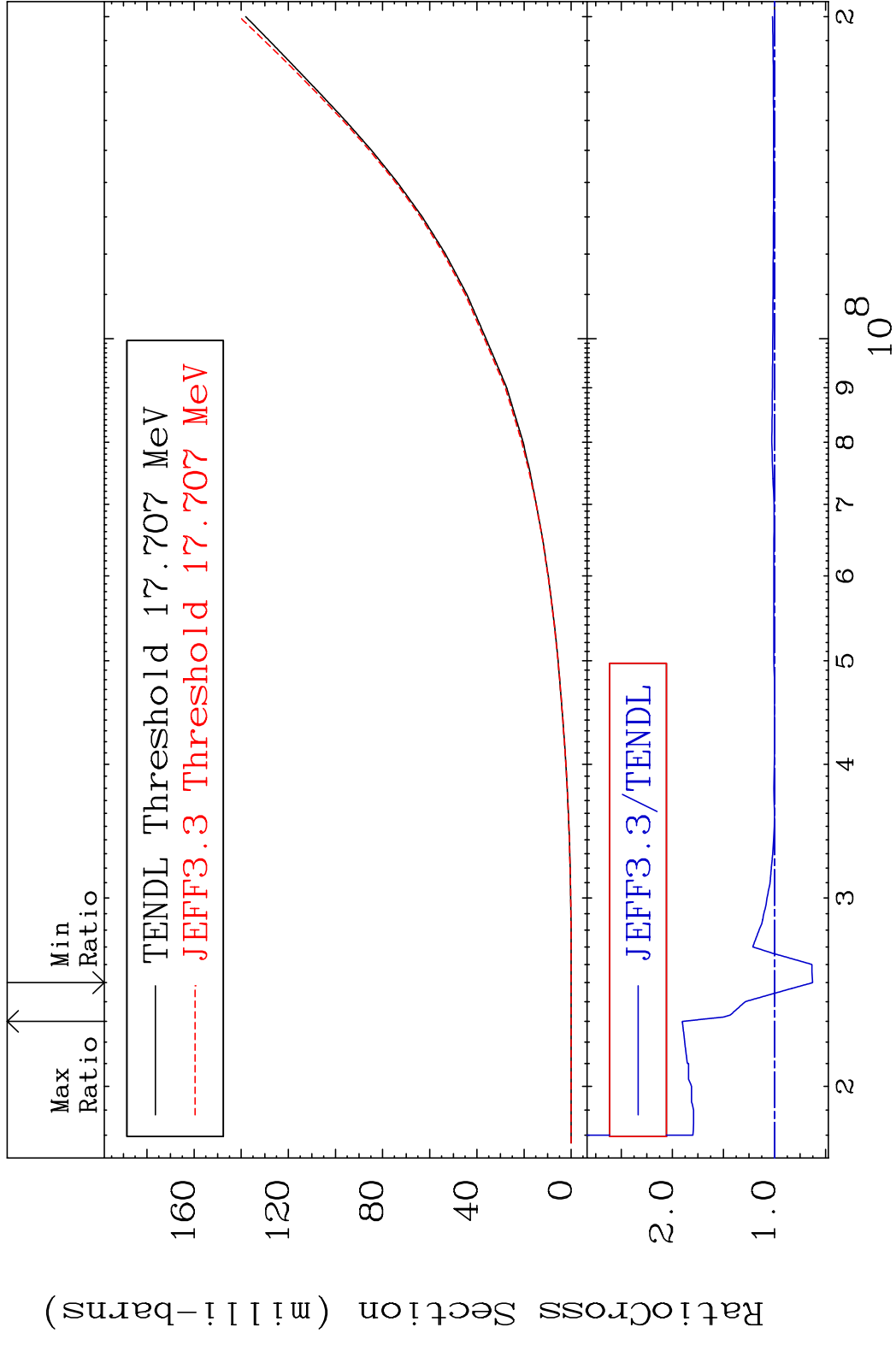




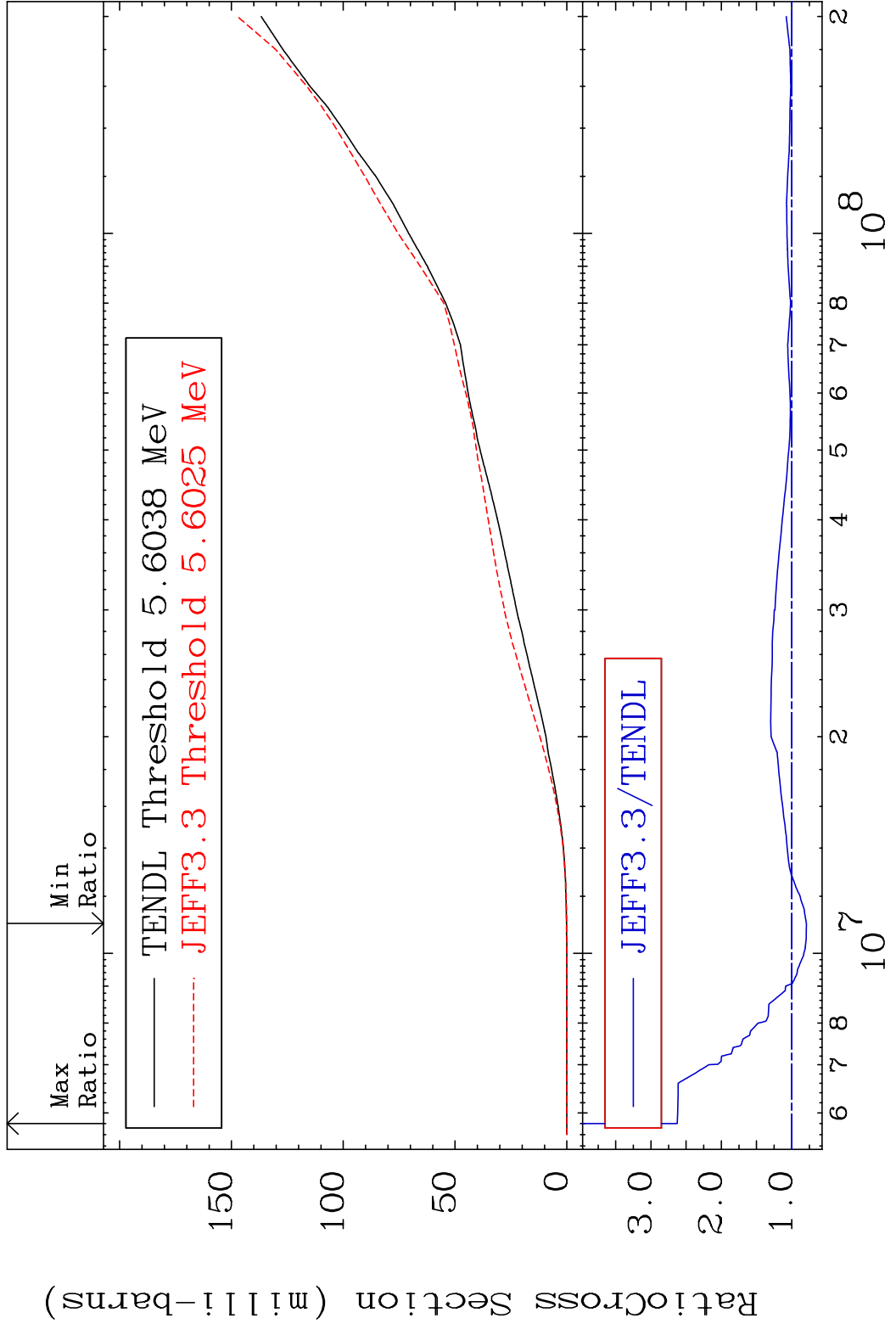




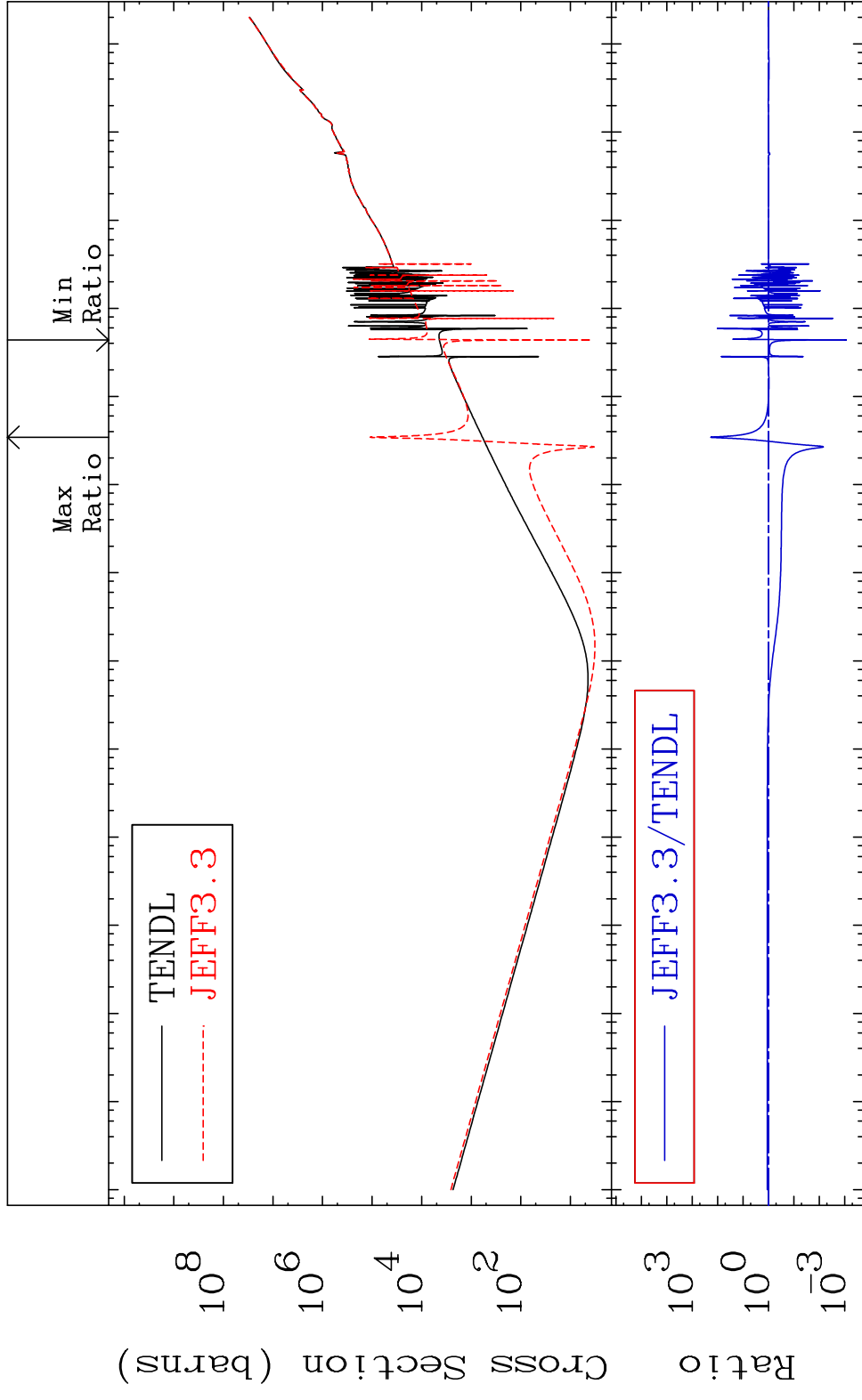
Cross Section -37.16 To 90.30 %



MAT 2043 He-4 Production 20-Ca-46
 Cross Section -20.91 To 162.7 %



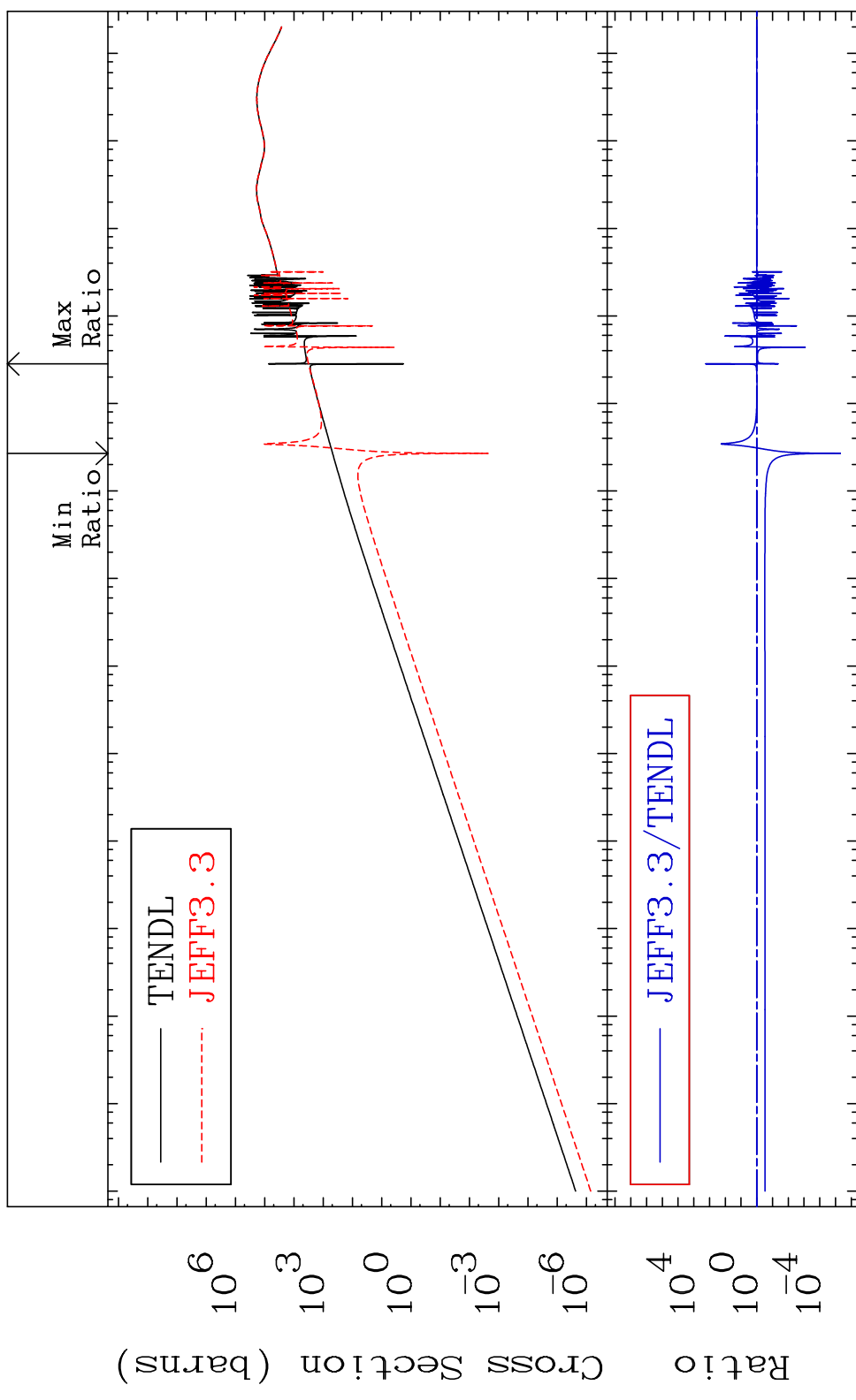
MAT 2043 Kerma total (eV-barns) 20-Ca-46
 Cross Section -99.91 To 9999. %



59 Incident Energy (eV) 20-Ca-46

MAT 2043

Kerma elastic Cross Section -100.0 To 9999. %
20-Ca-46

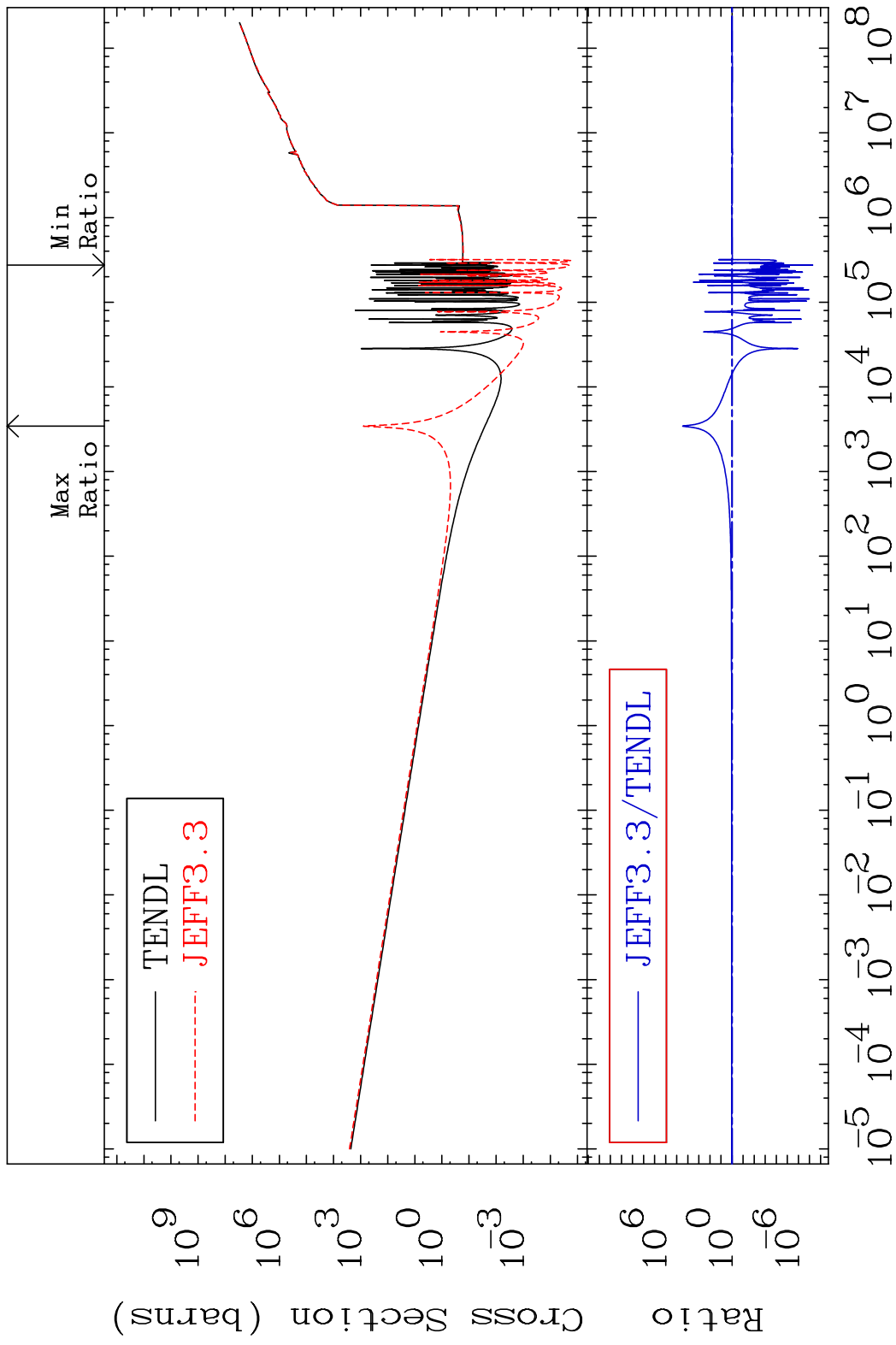


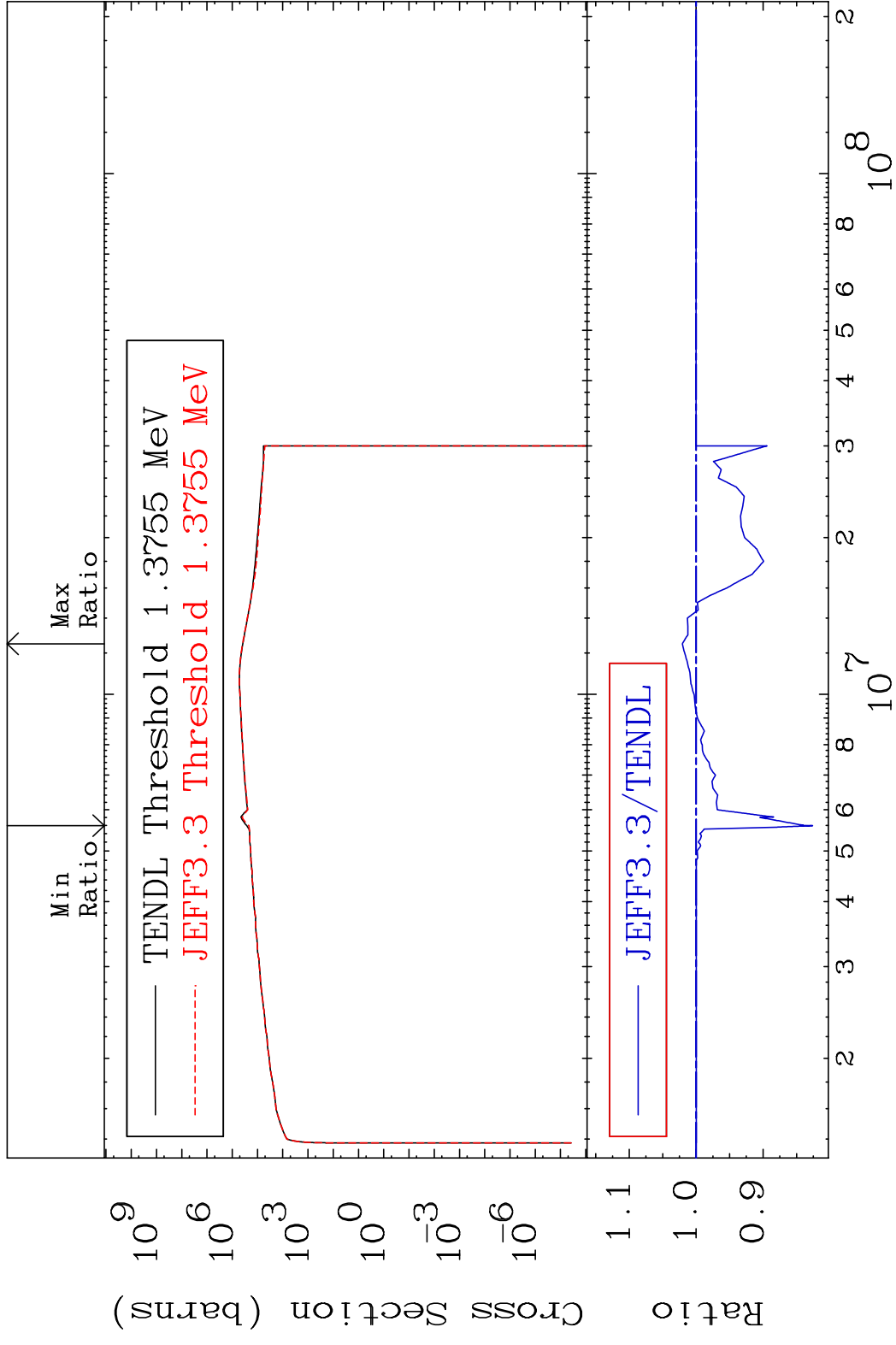
60

Incident Energy (eV)

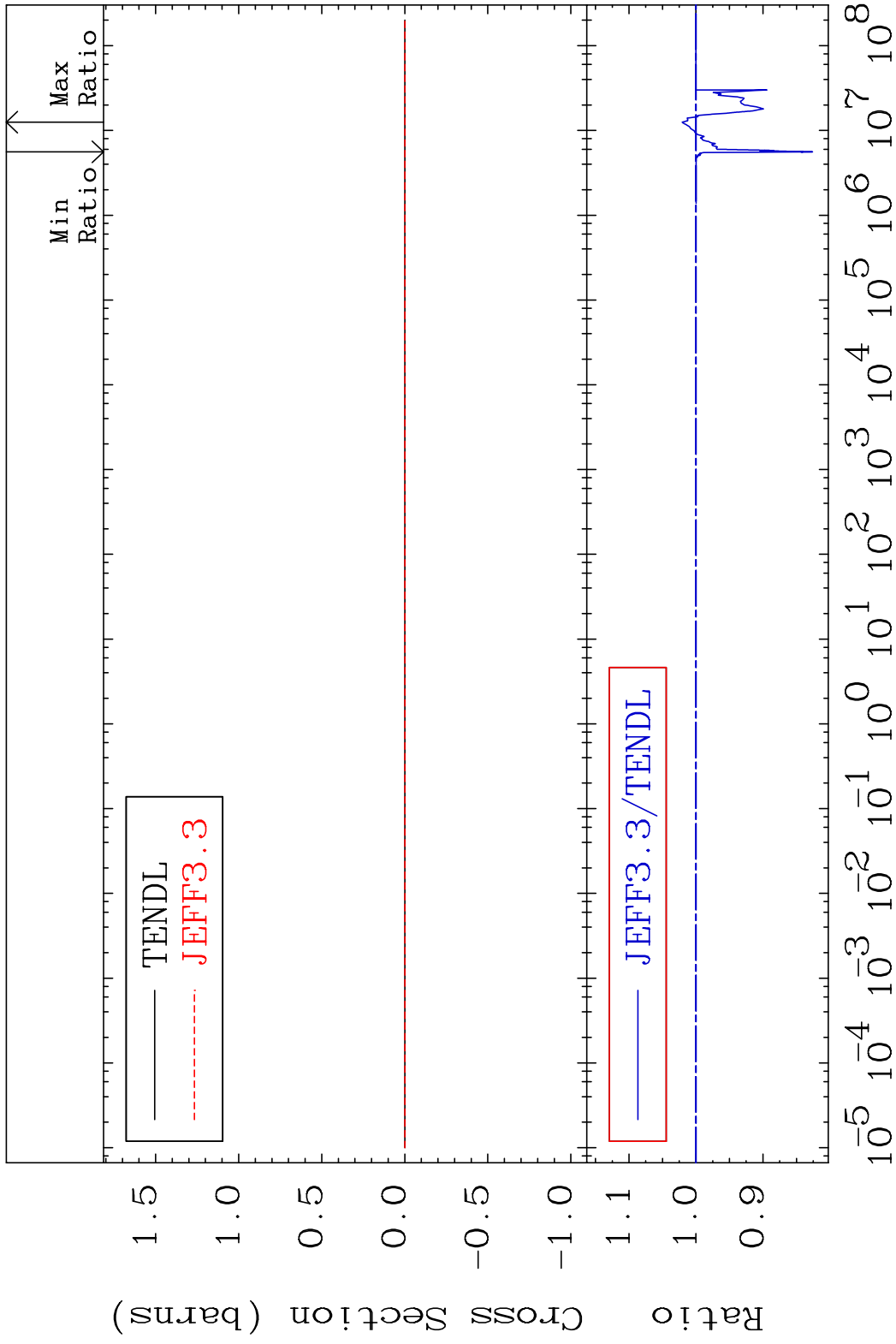
20-Ca-46

MAT 2043 Kerma non-elastic (all but mt2) 20-Ca-46
 Cross Section -100.0 To 9999. %

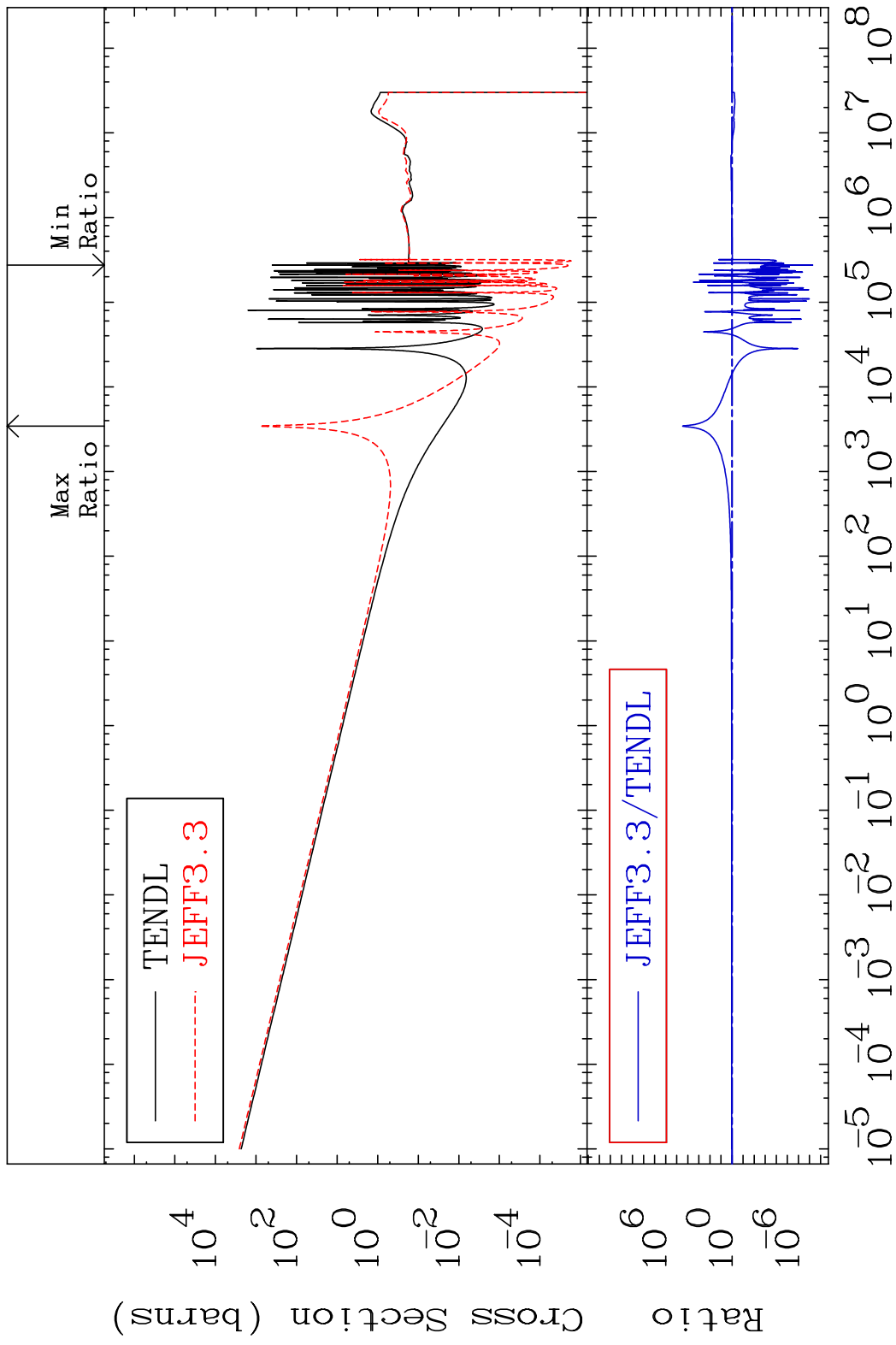




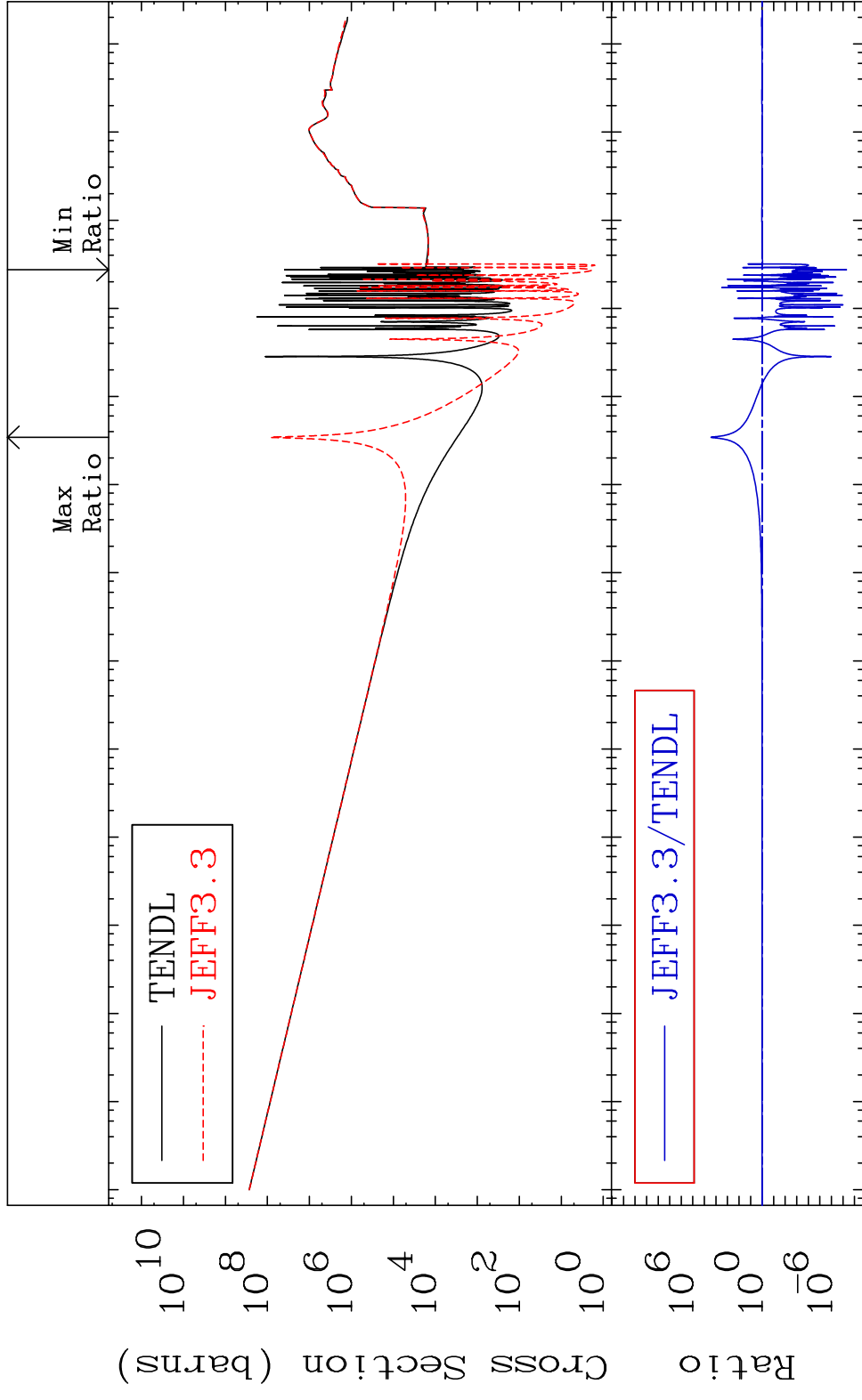
MAT 2043 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-46
 Cross Section -17.39 To 2.063 %



MAT 2043 Kerma capture (mt102) 20-Ca-46
 Cross Section -100.0 To 9999. %

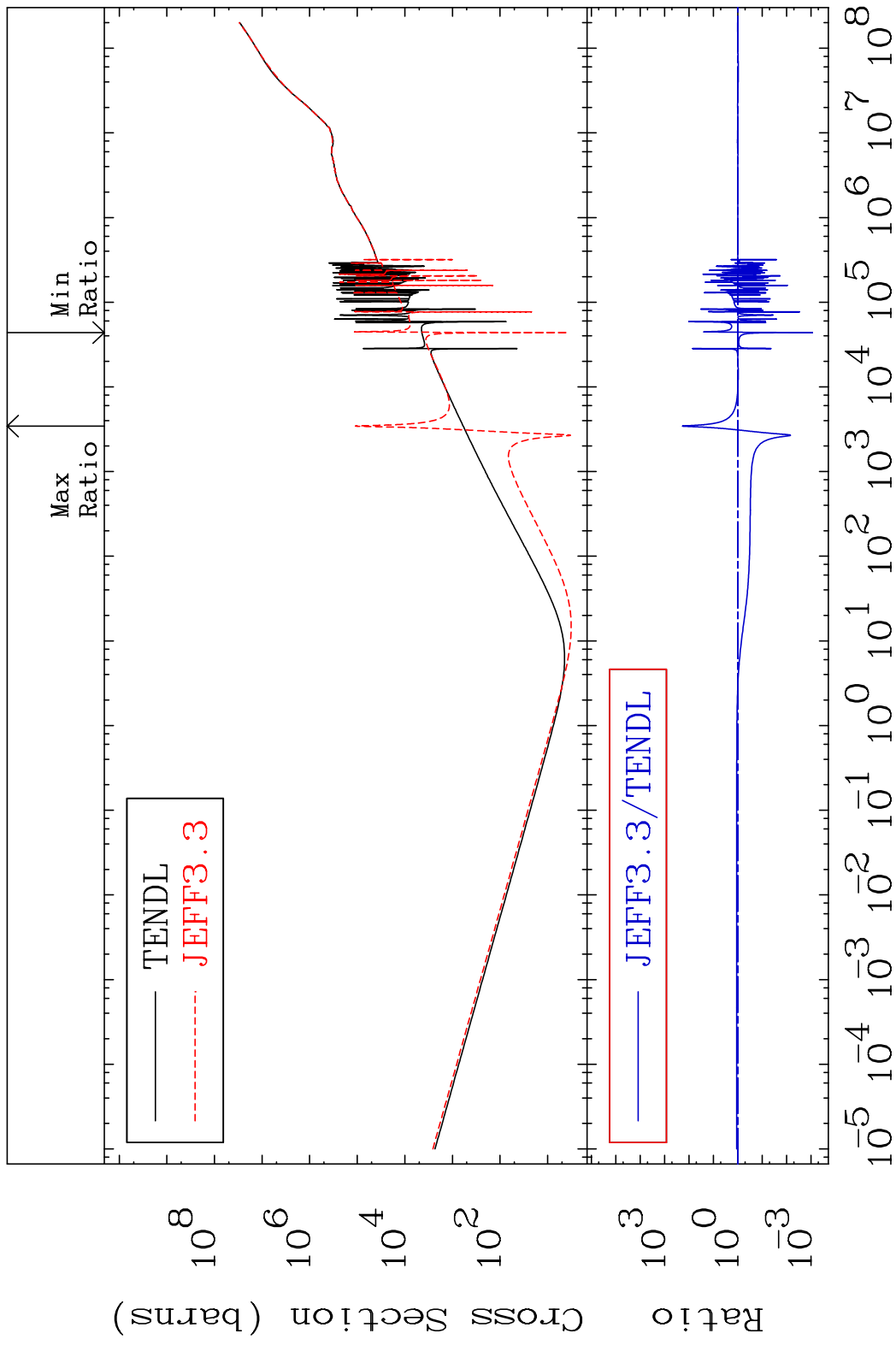


MAT 2043 Total photon (eV-barns) 20-Ca-46
 Cross Section -100.0 To 9999. %

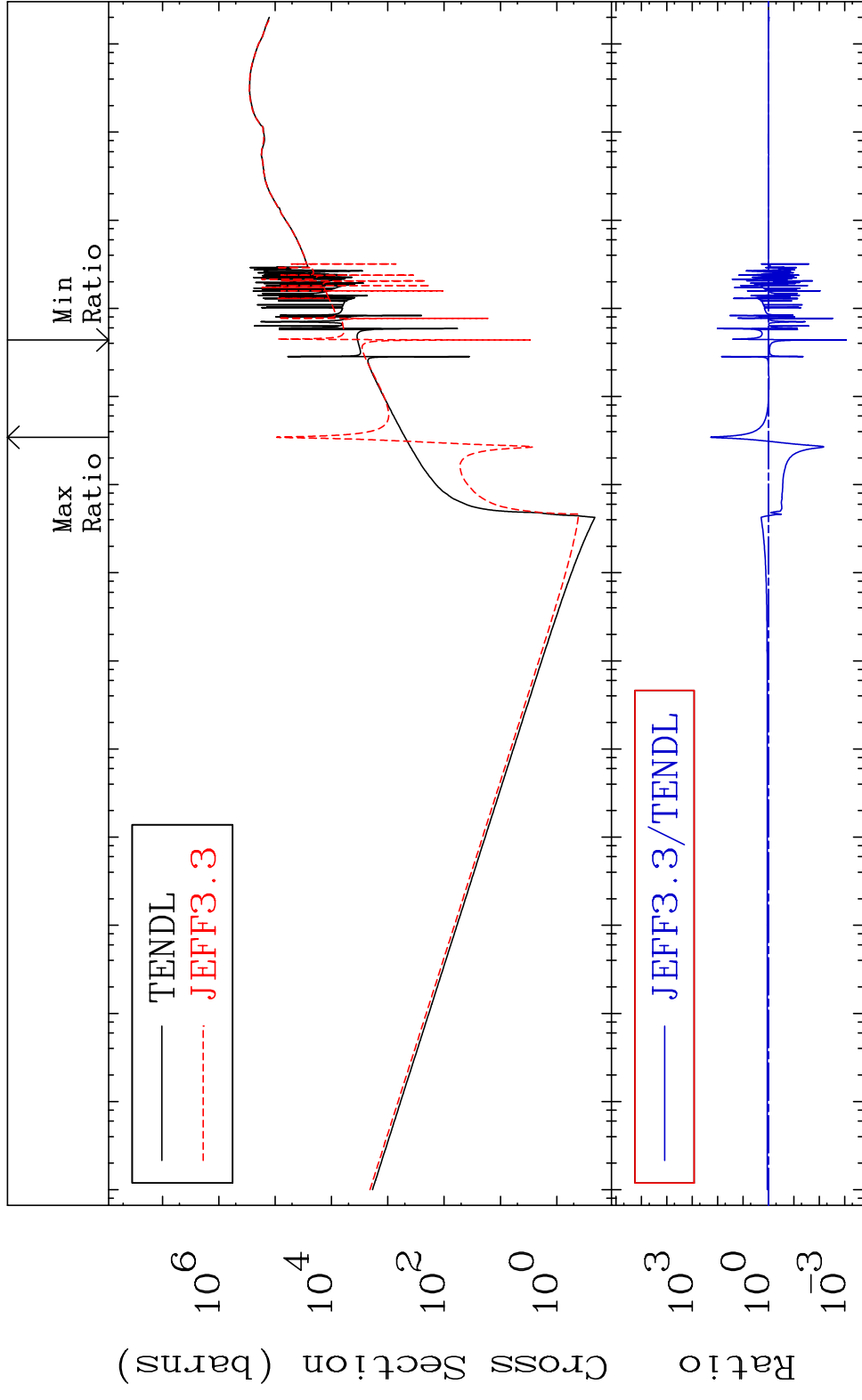


65 Incident Energy (eV) 20-Ca-46

MAT 2043 Total kinematic kerma (high limit) 20-Ca-46
 Cross Section -99.91 To 9999. %

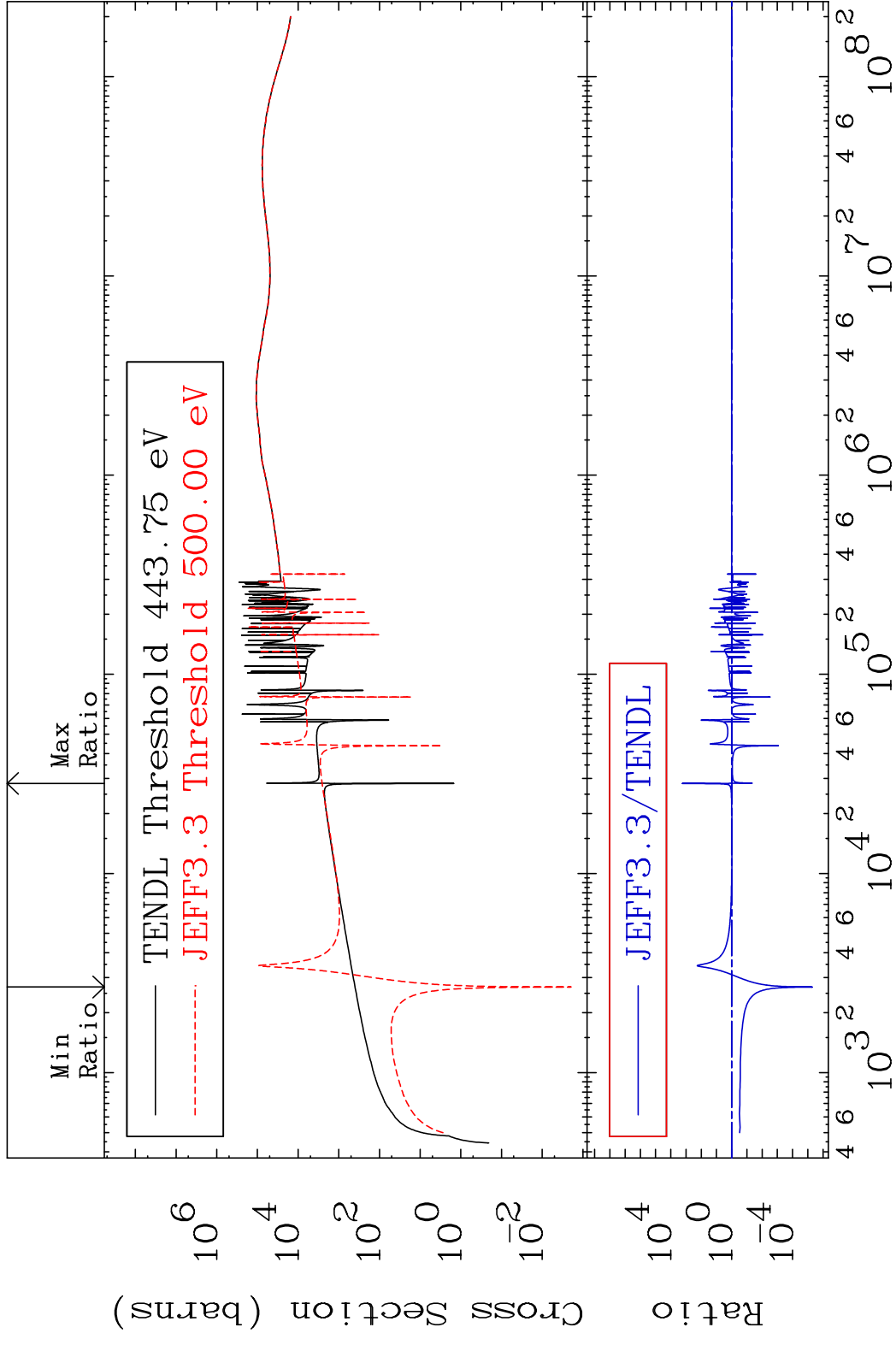


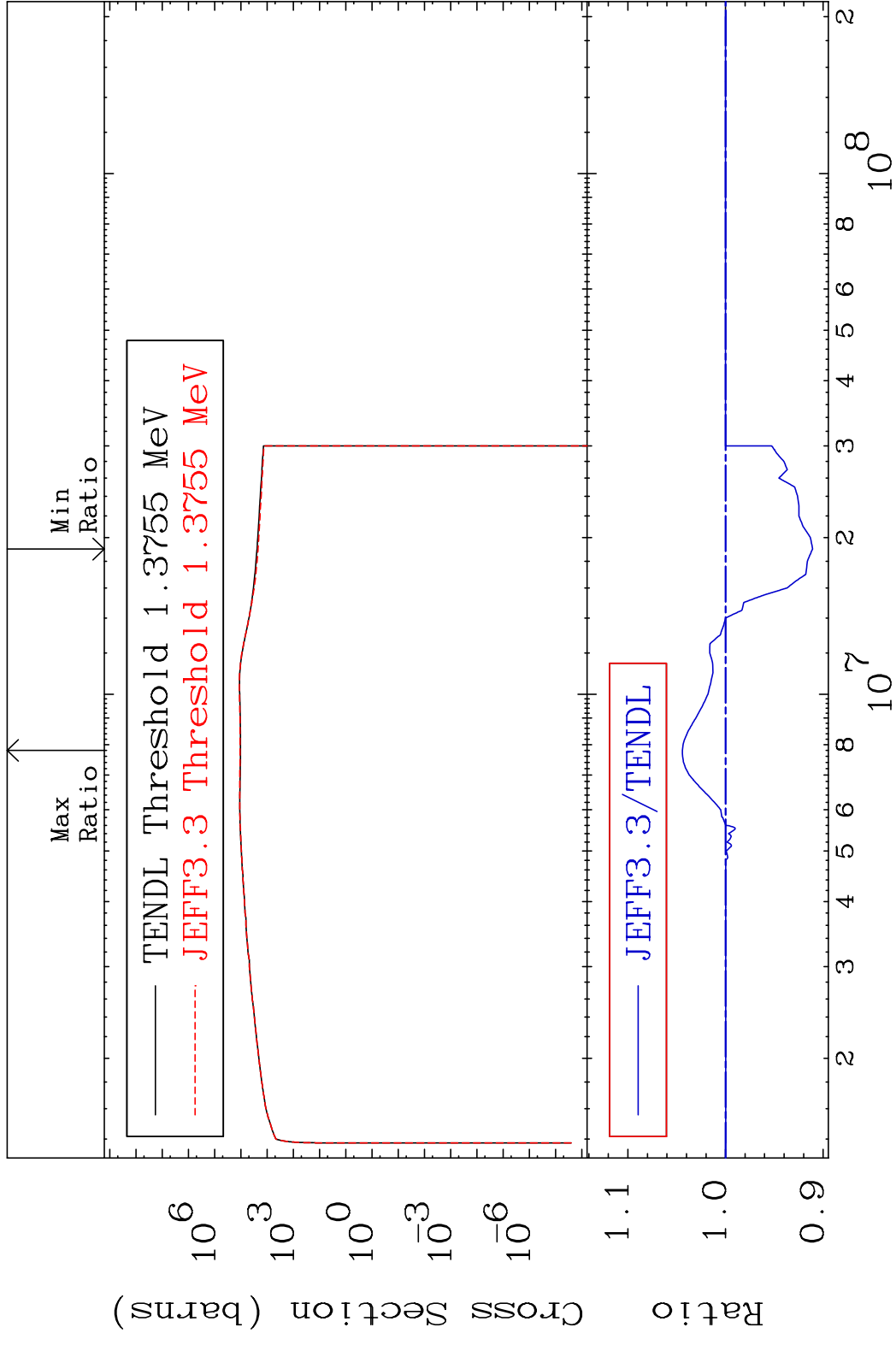
MAT 2043 Dpa total (eV-barns) 20-Ca-46
 Cross Section -99.91 To 9999. %



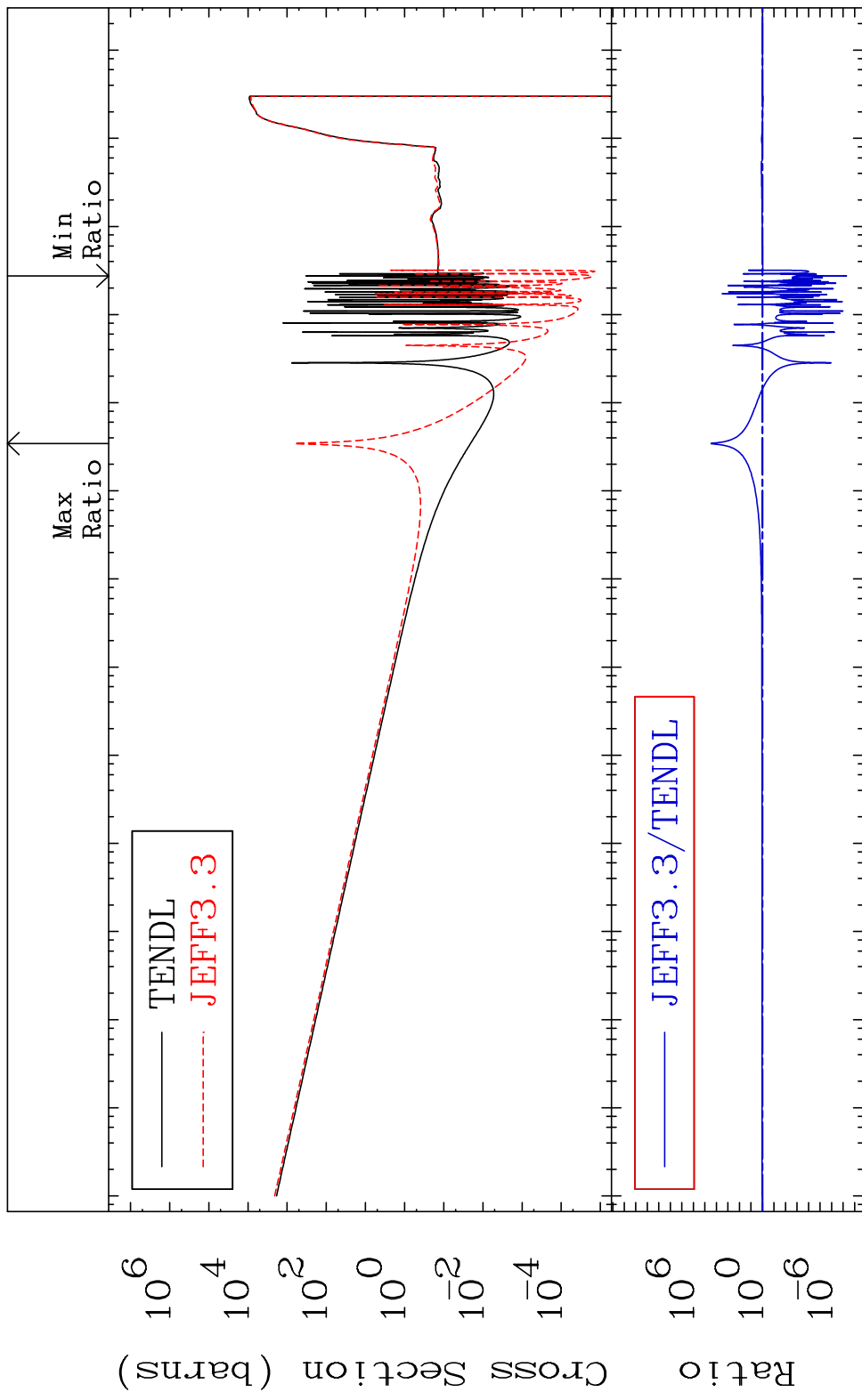
67 Incident Energy (eV) 20-Ca-46

MAT 2043 Dpa elastic (mt2) 20-Ca-46
 Cross Section -100.0 To 9999. %





MAT 2043 Dpa disappearance (mt102 -120) 20-Ca-46
 Cross Section -100.0 To 9999. %



70 Incident Energy (eV) 20-Ca-46