

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

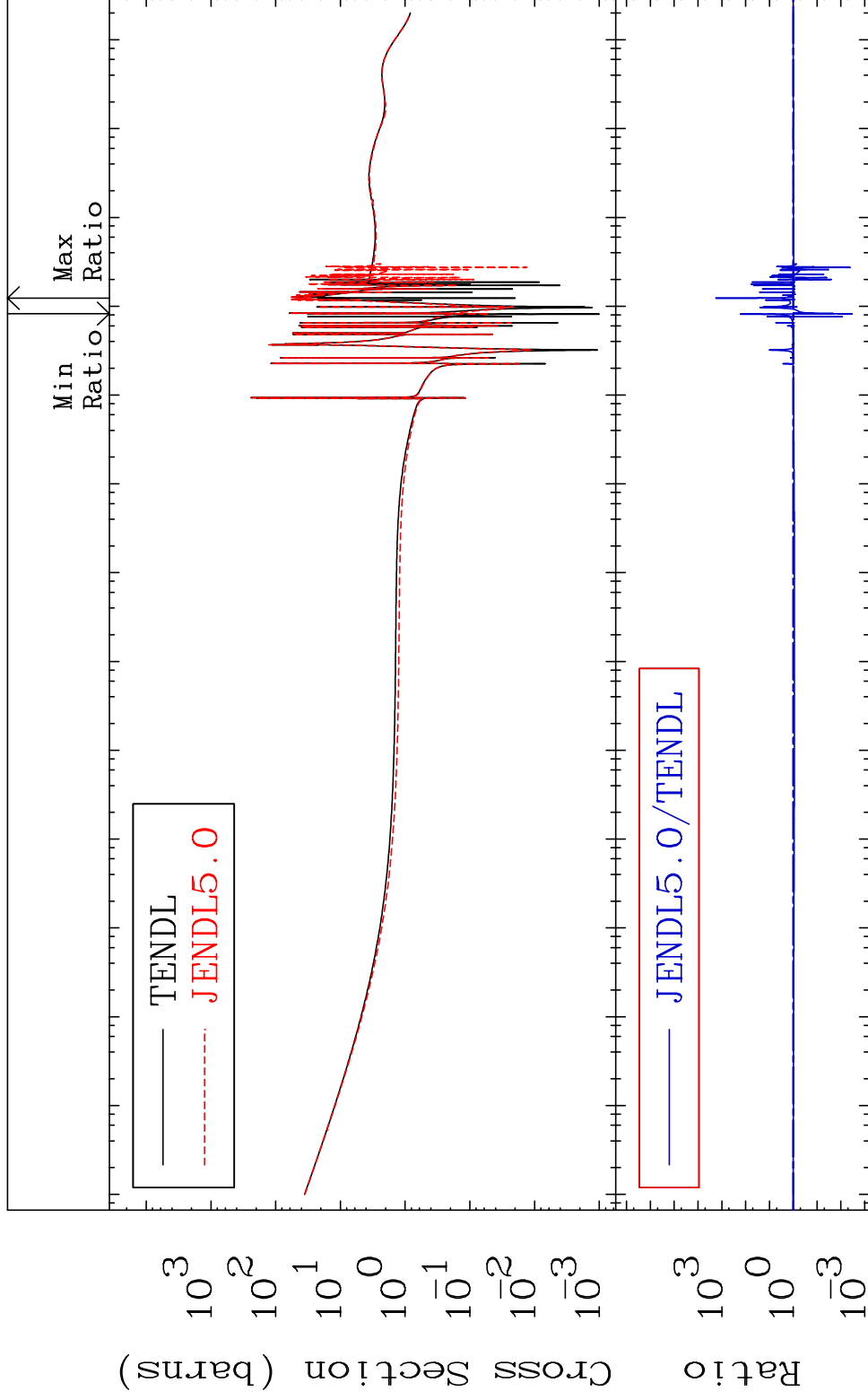
MAT 2031

Total

20-Ca-42

Cross Section

-99.67 To 9999. %



1

Incident Energy (eV)

20-Ca-42

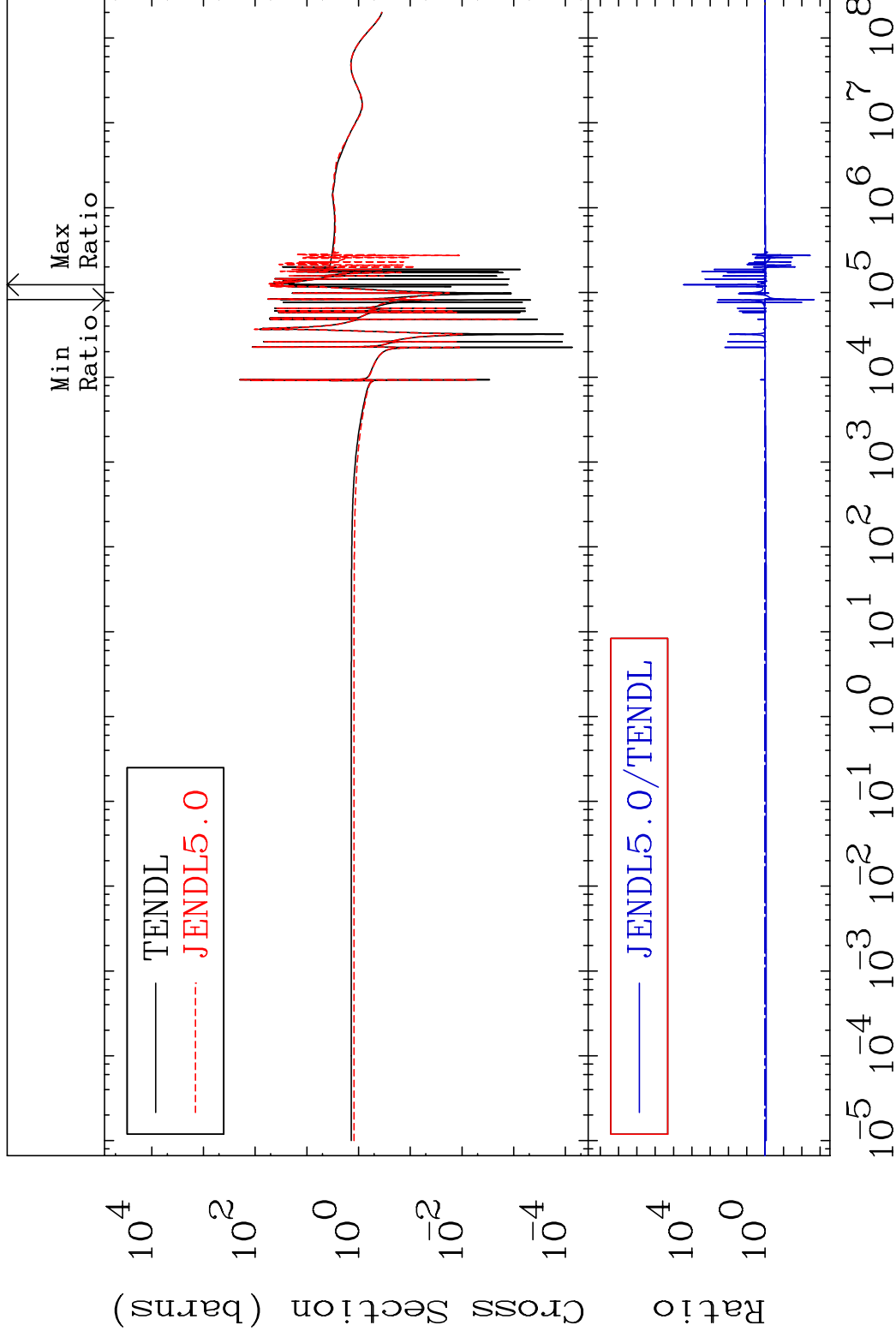
MAT 2031

Elastic

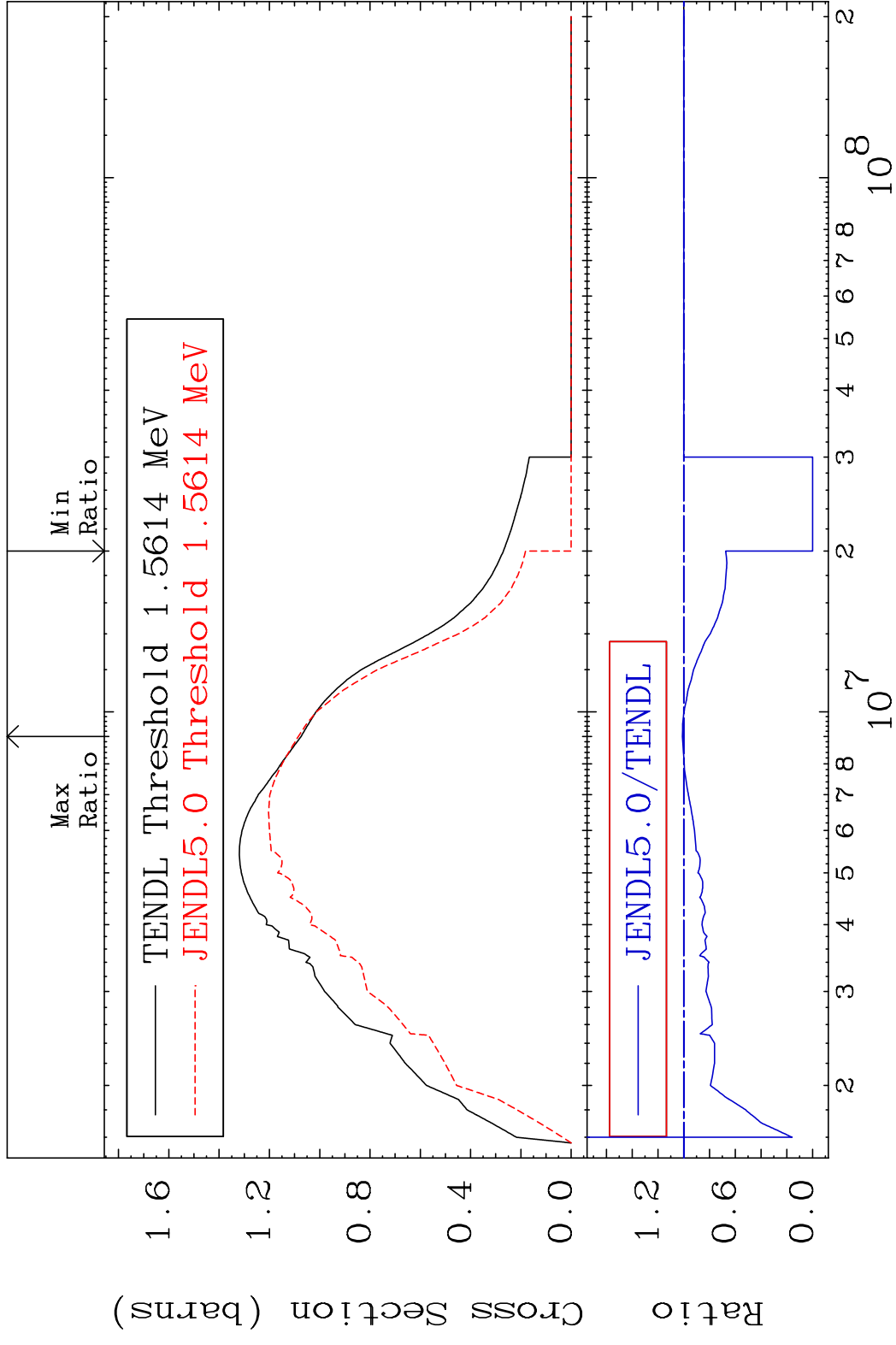
20-Ca-42

Cross Section

-99.79 To 9999. %



MAT 2031 Inelastic Cross Section -100.0 To 1.024 % 20-Ca-42



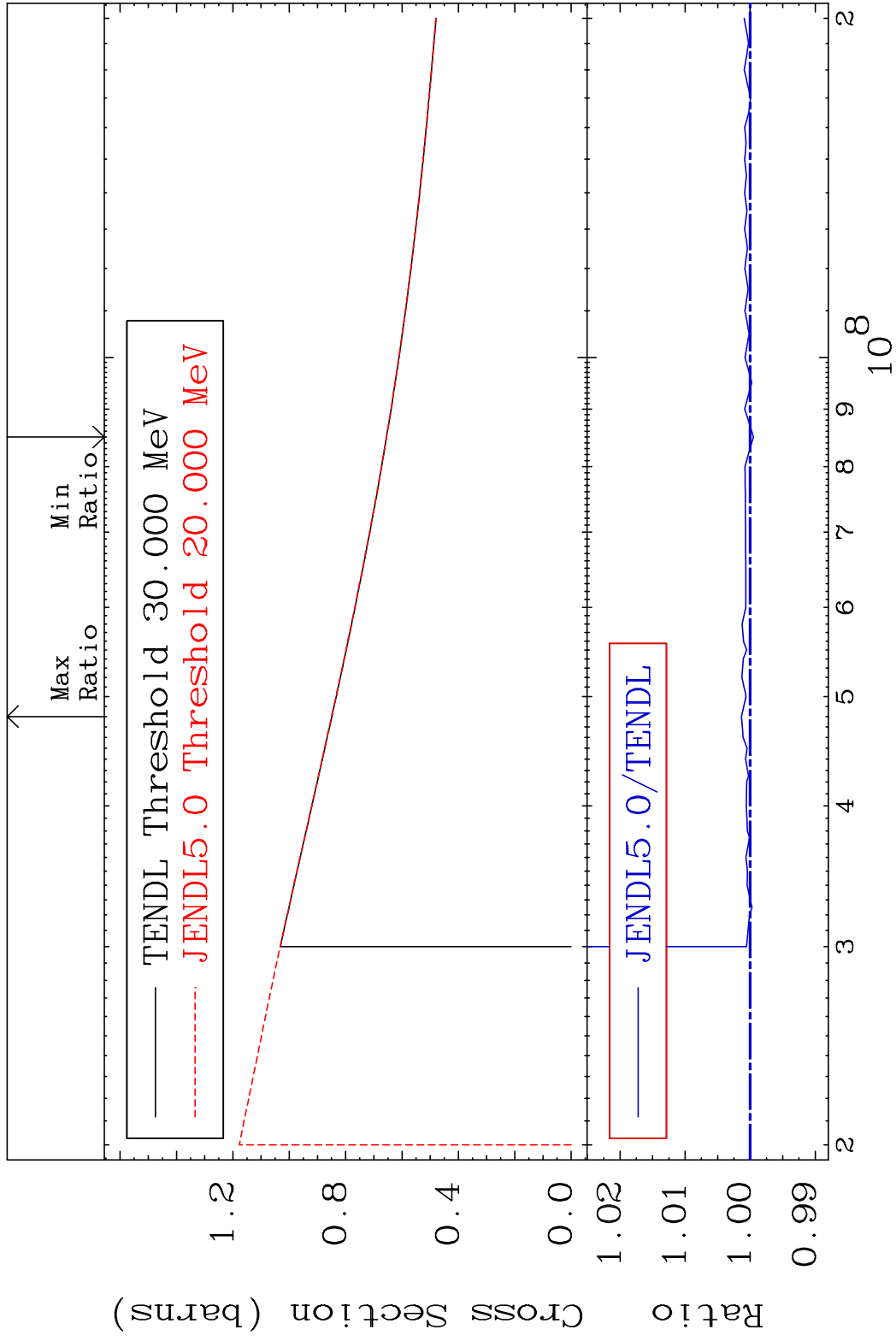
3 3 Incident Energy (eV) 20-Ca-42

MAT 2031

(n, remainder)

20-Ca-42

Cross Section -0.050 To 0.134 %

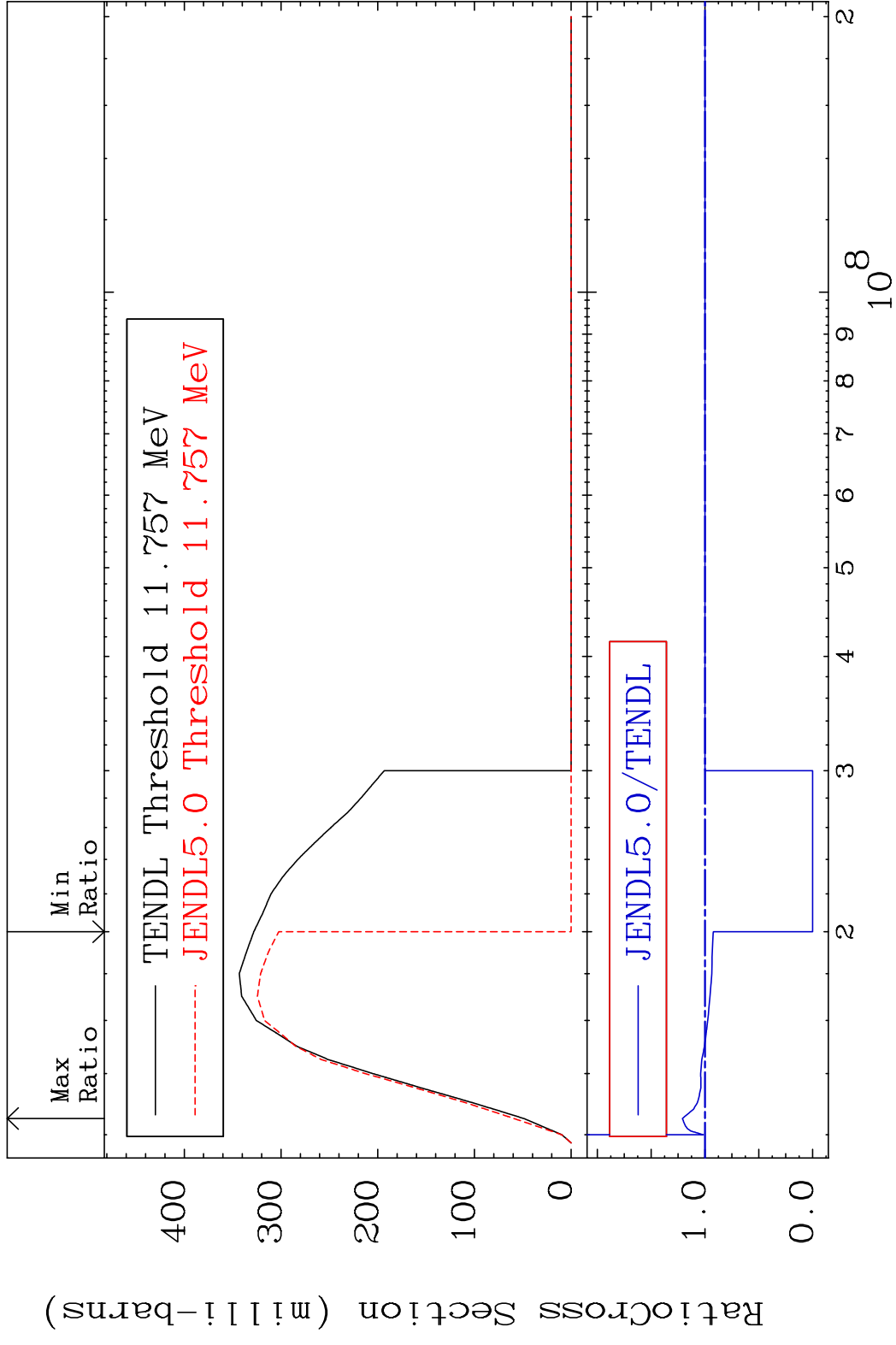


4

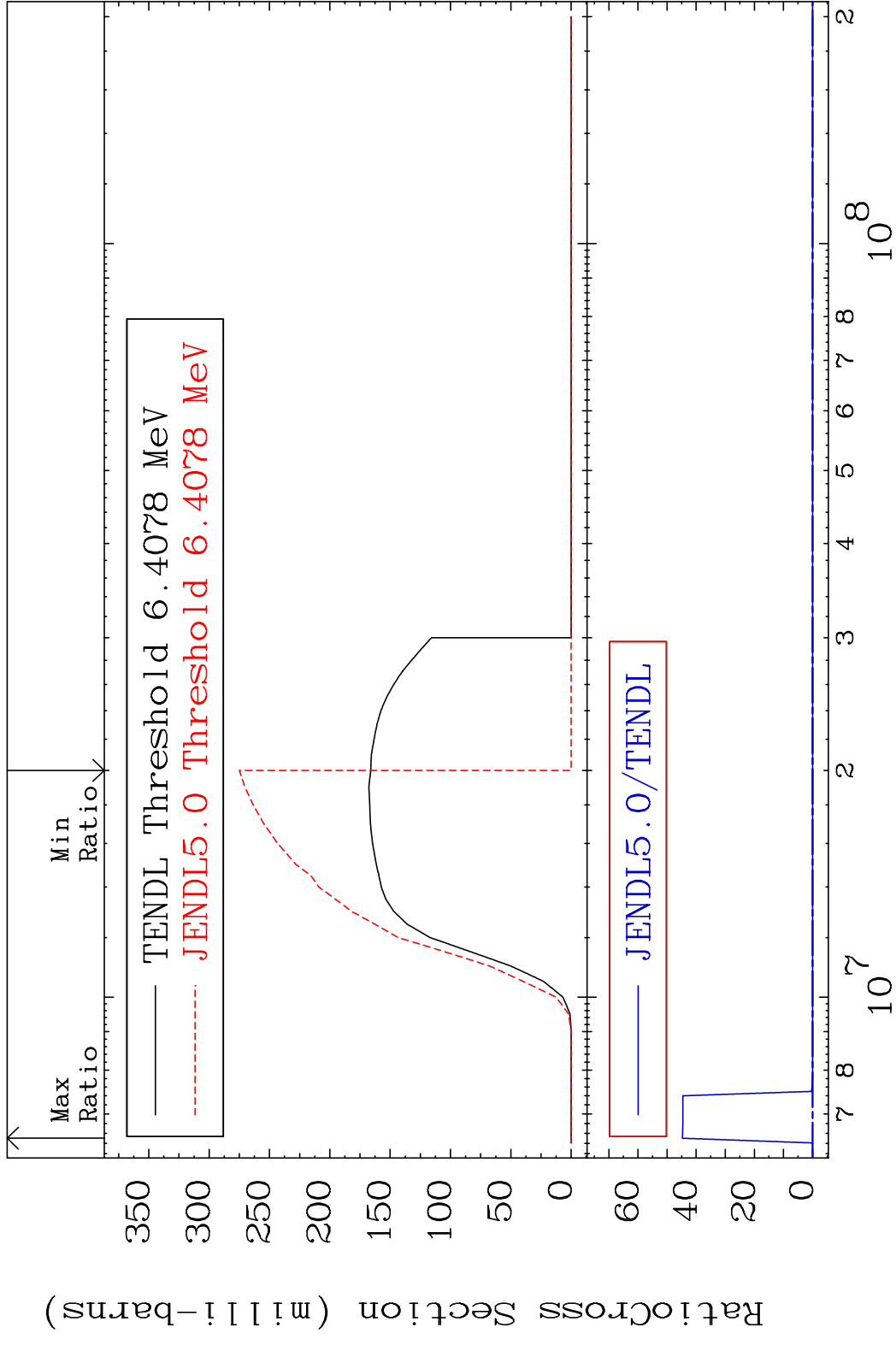
Incident Energy (eV)

20-Ca-42

MAT 2031 (n,2n) 20-Ca-42  
 Cross Section -100.0 To 20.94 %

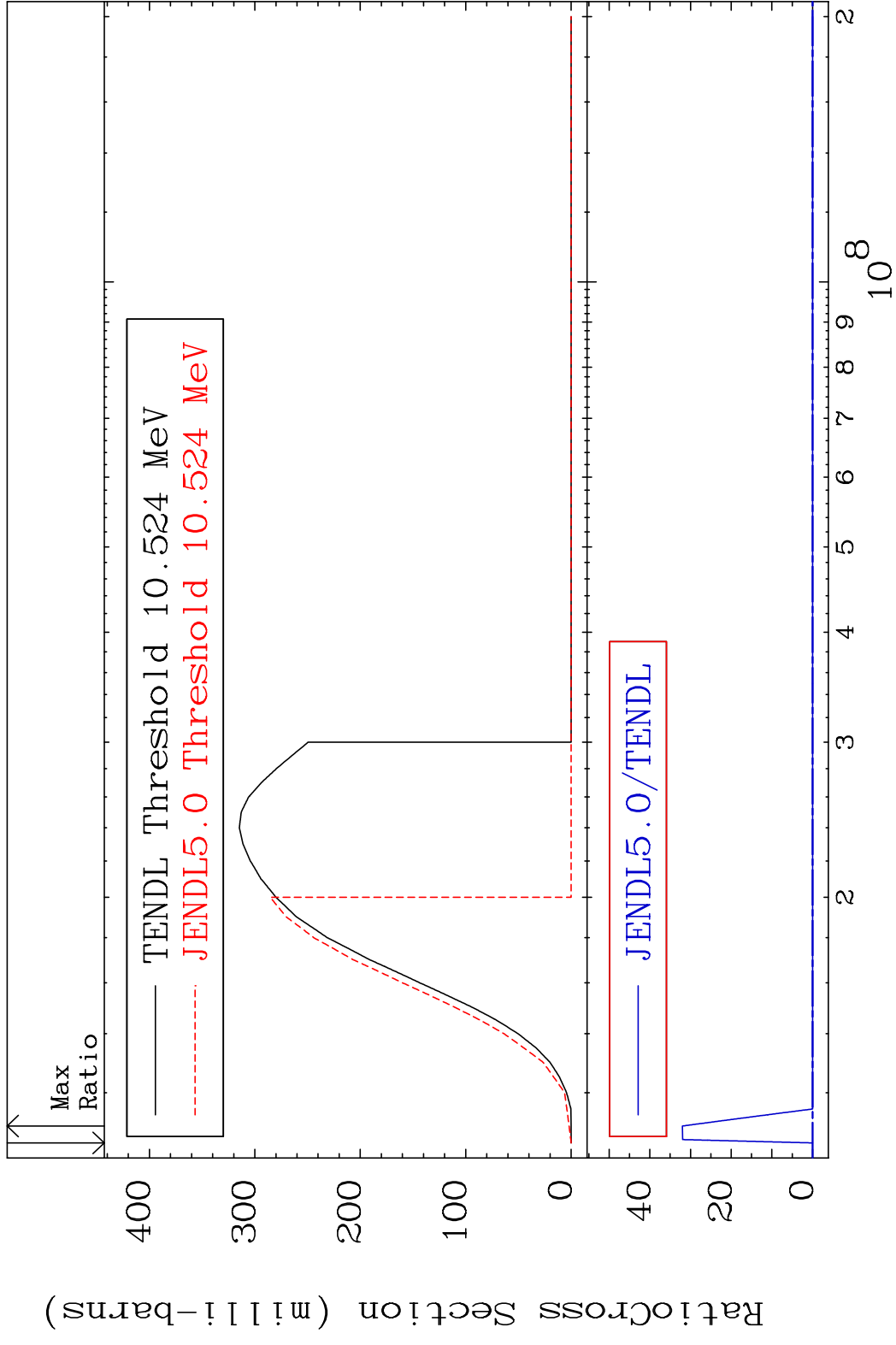


MAT 2031 (n, n')  $\alpha$  20-Ca-42  
 Cross Section -100.0 To 9999. %



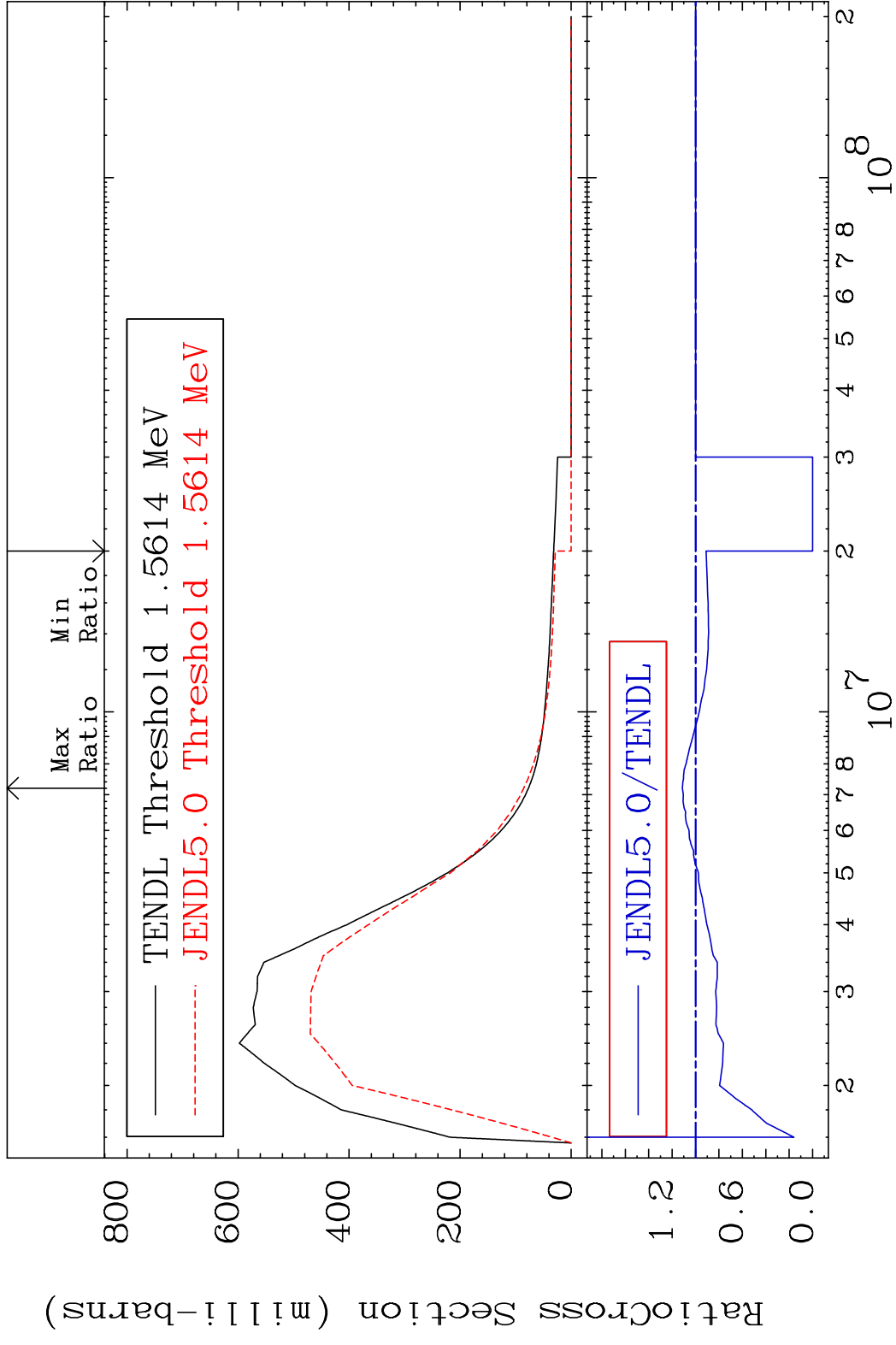
6 20-Ca-42

MAT 2031 (n, n') p 20-Ca-42  
 Cross Section -100.0 To 9999. %

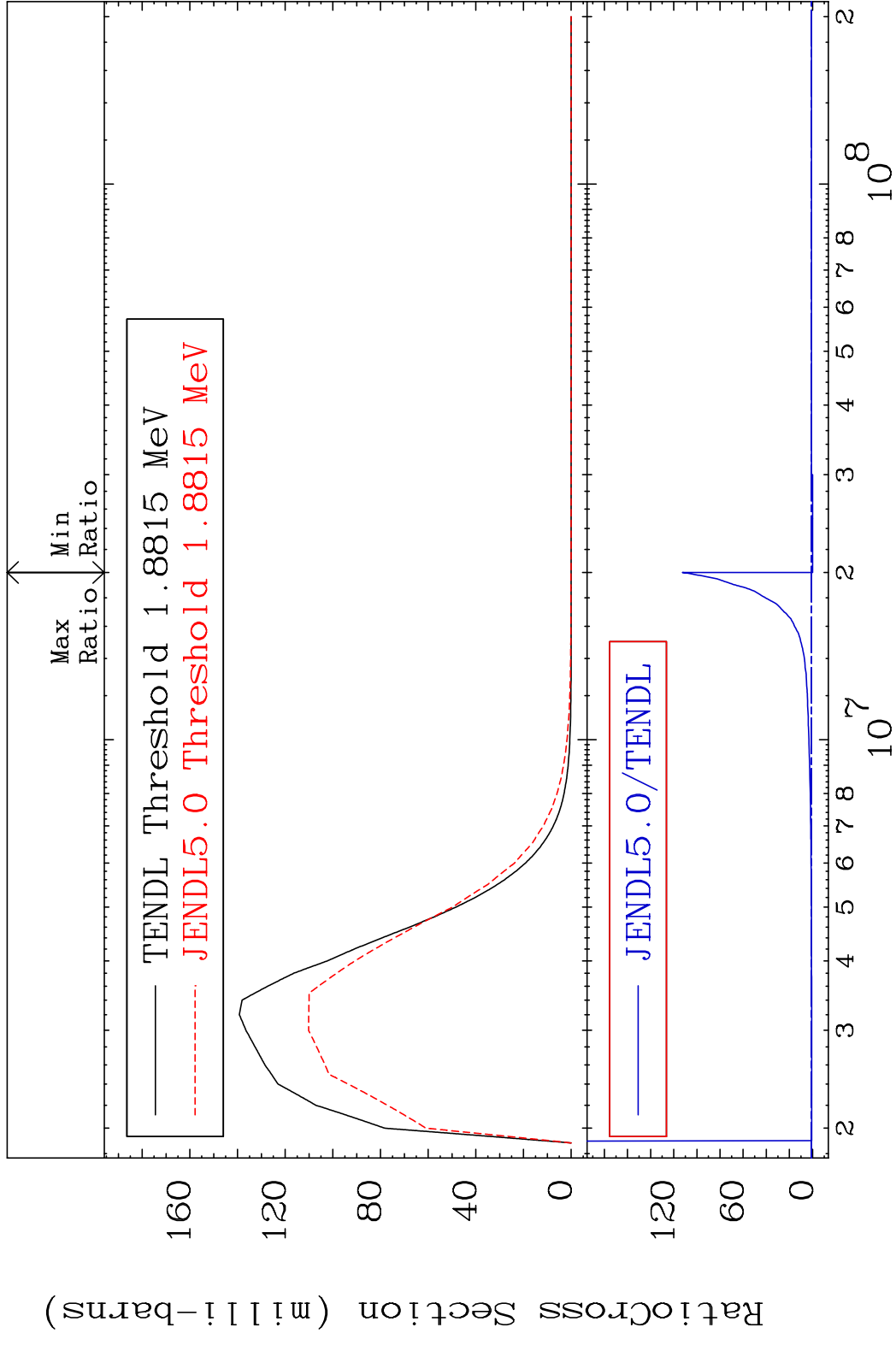




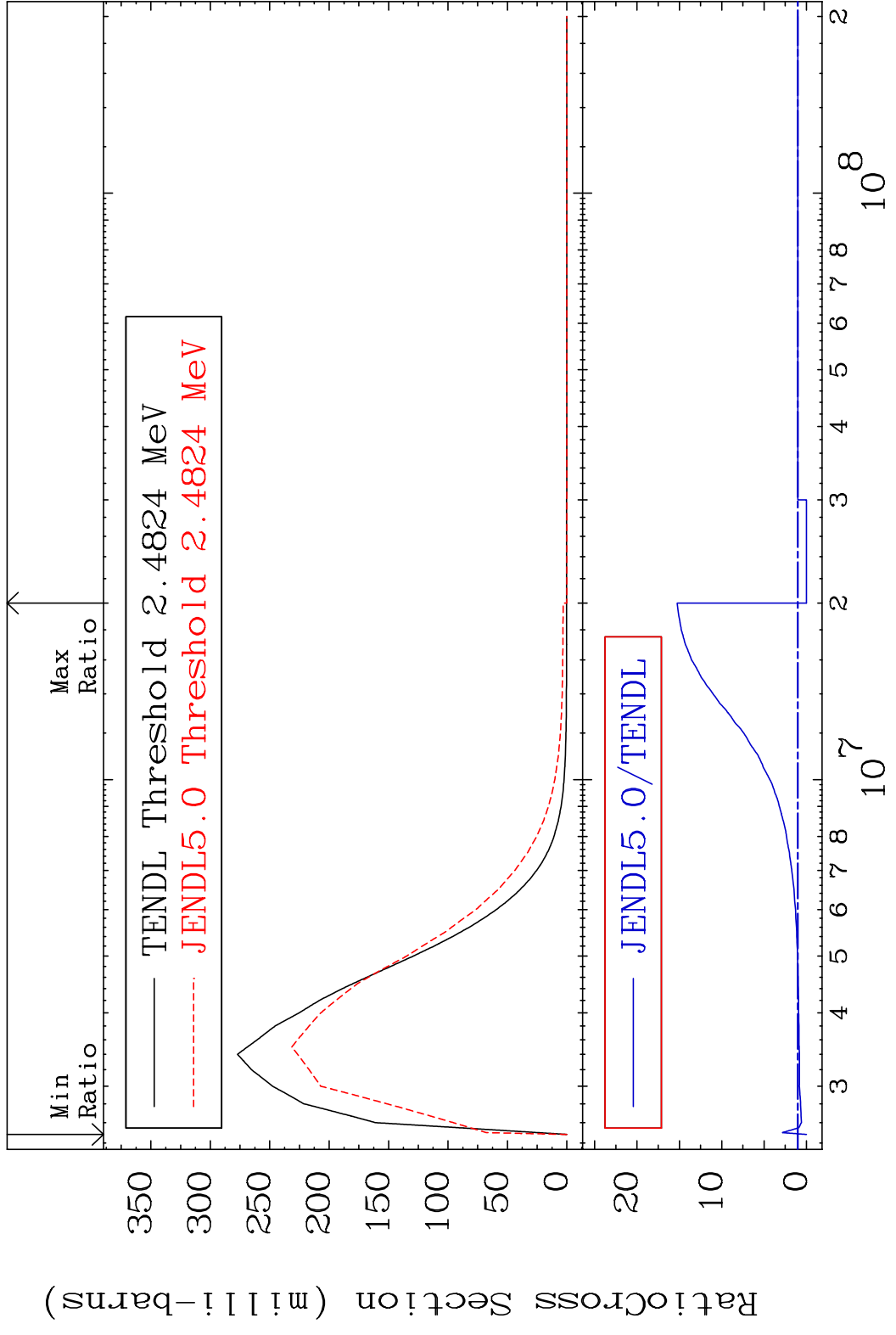
MAT 2031 MT= 51 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 11.26 %



MAT 2031 MT= 52 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 9999. %

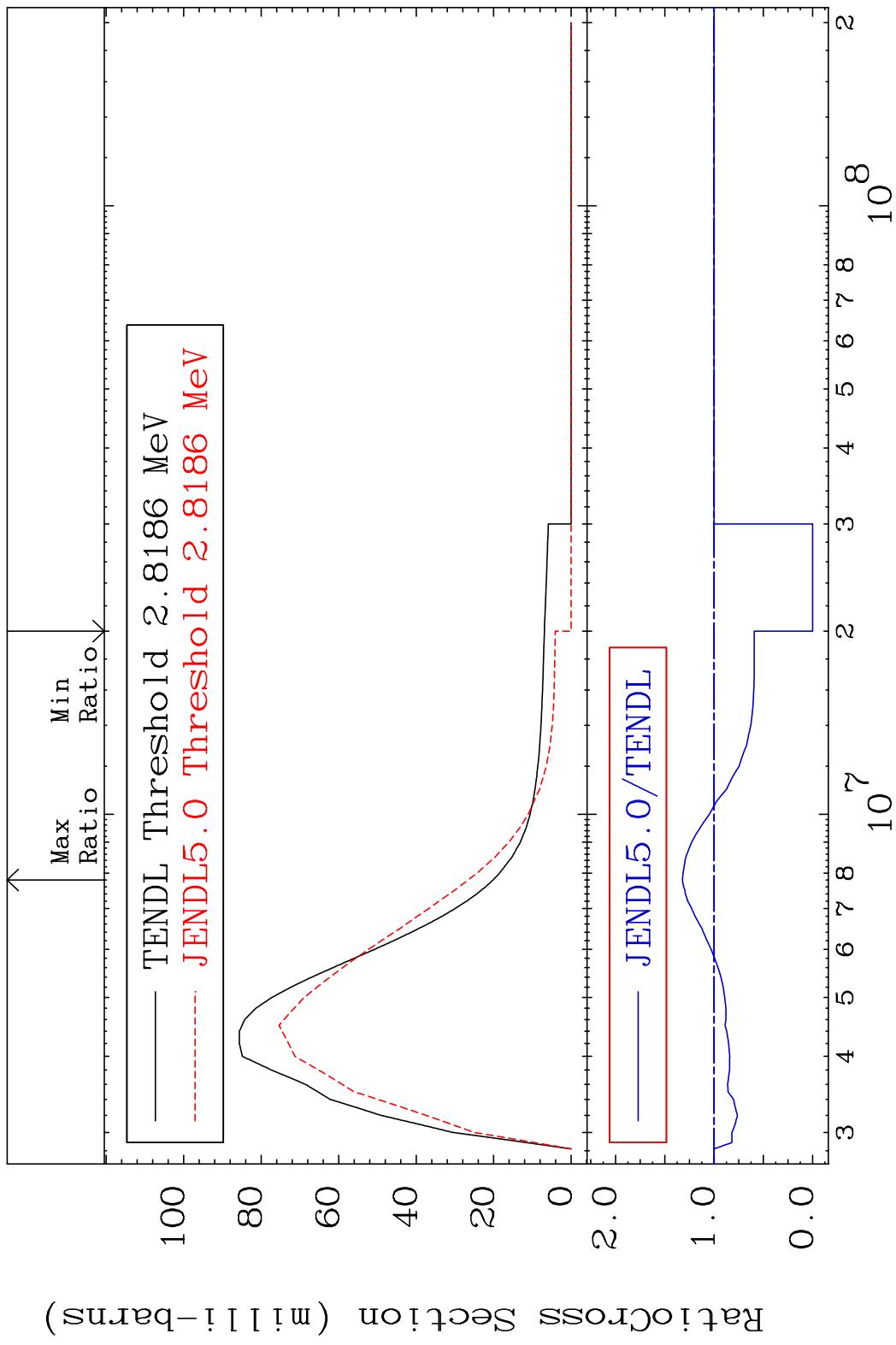


MAT 2031 MT= 53 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 1426. %

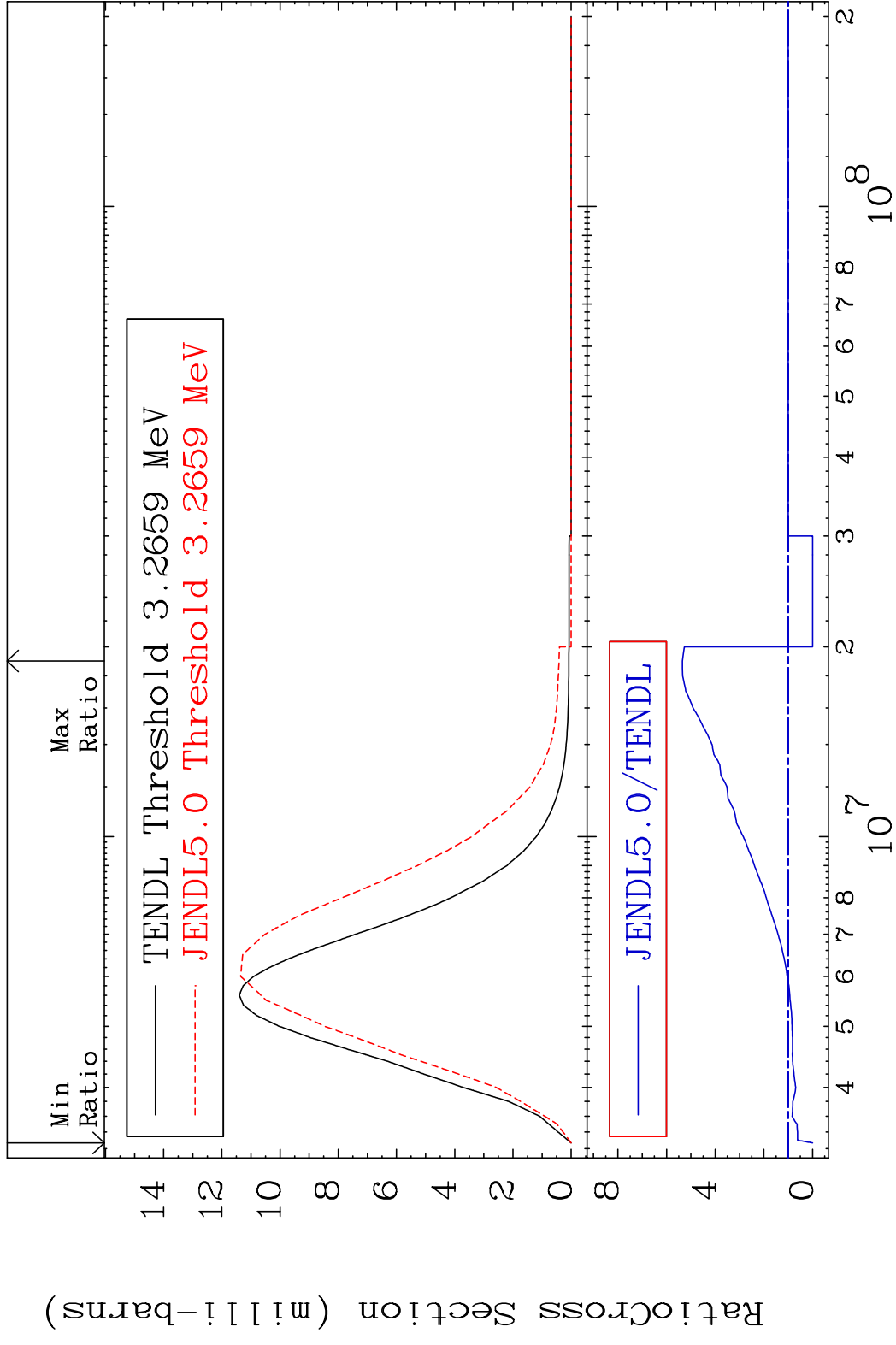


10 20 30 40 50 60 70 80 100 1426

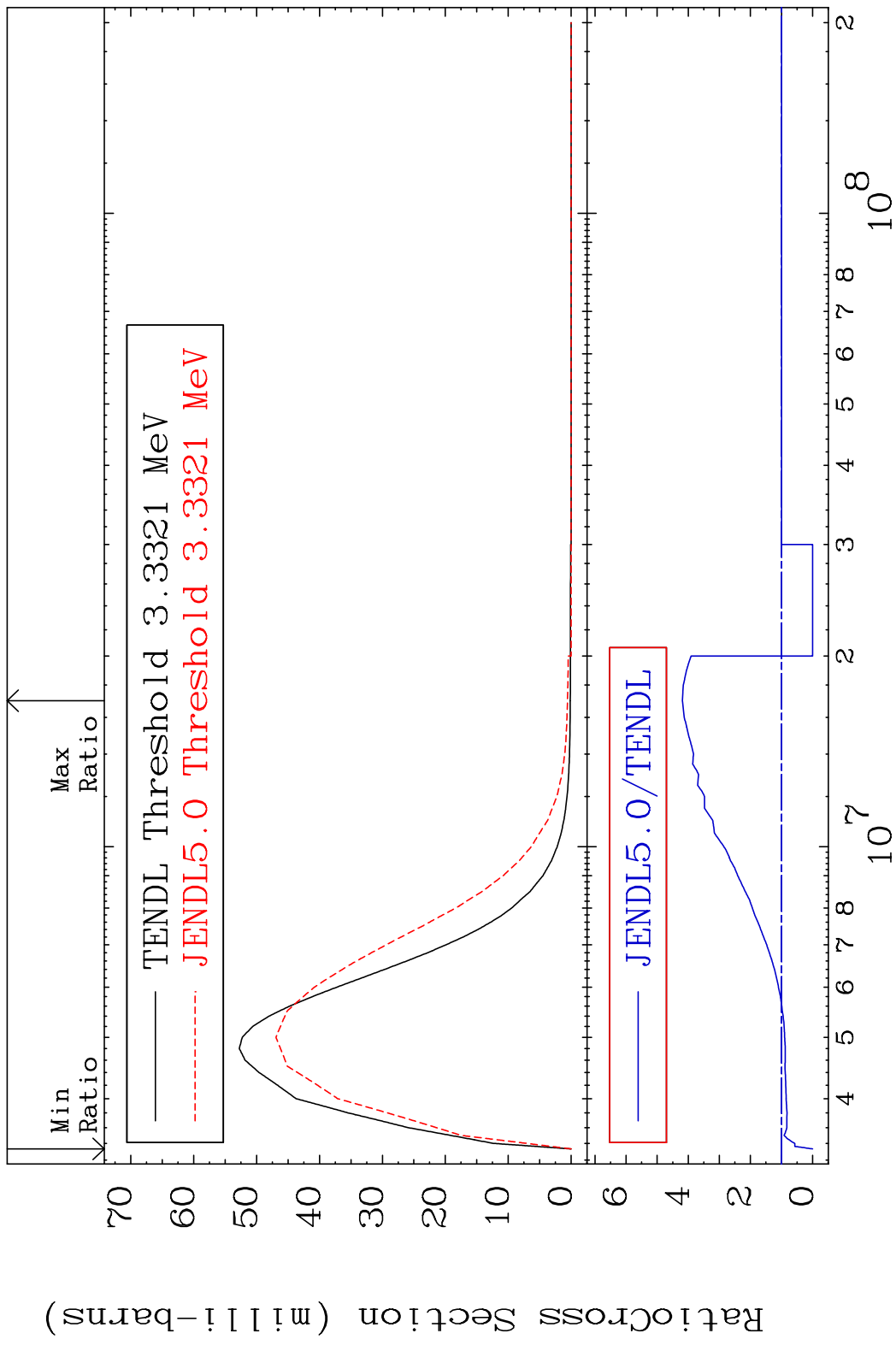
MAT 2031 MT= 54 (n,n') Level 20-Ca-42  
 Cross Section -100.0 To 32.12 %



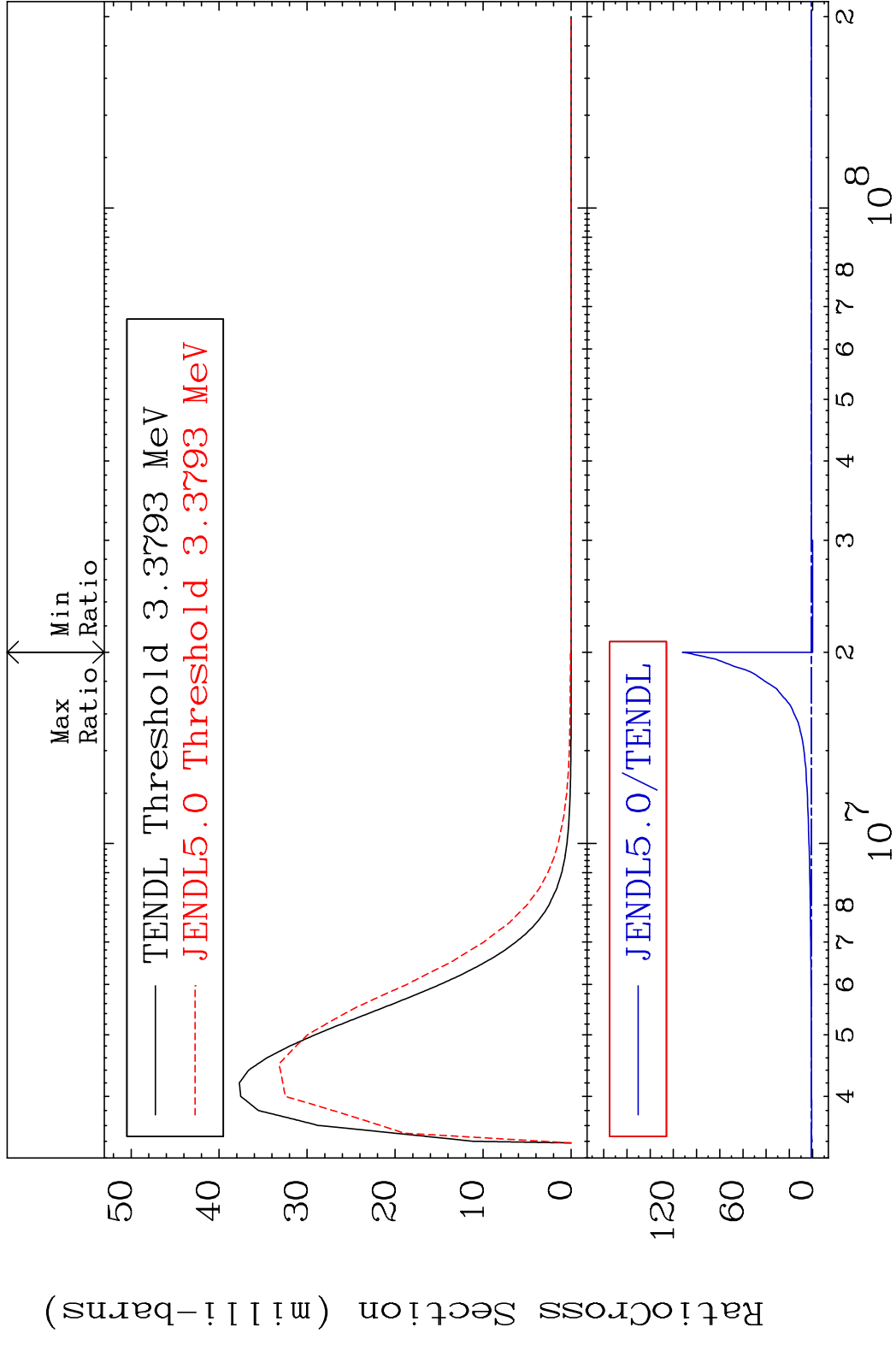
MAT 2031 MT= 55 (n,n') Level 20-Ca-42  
 Cross Section -100.0 To 435.1 %



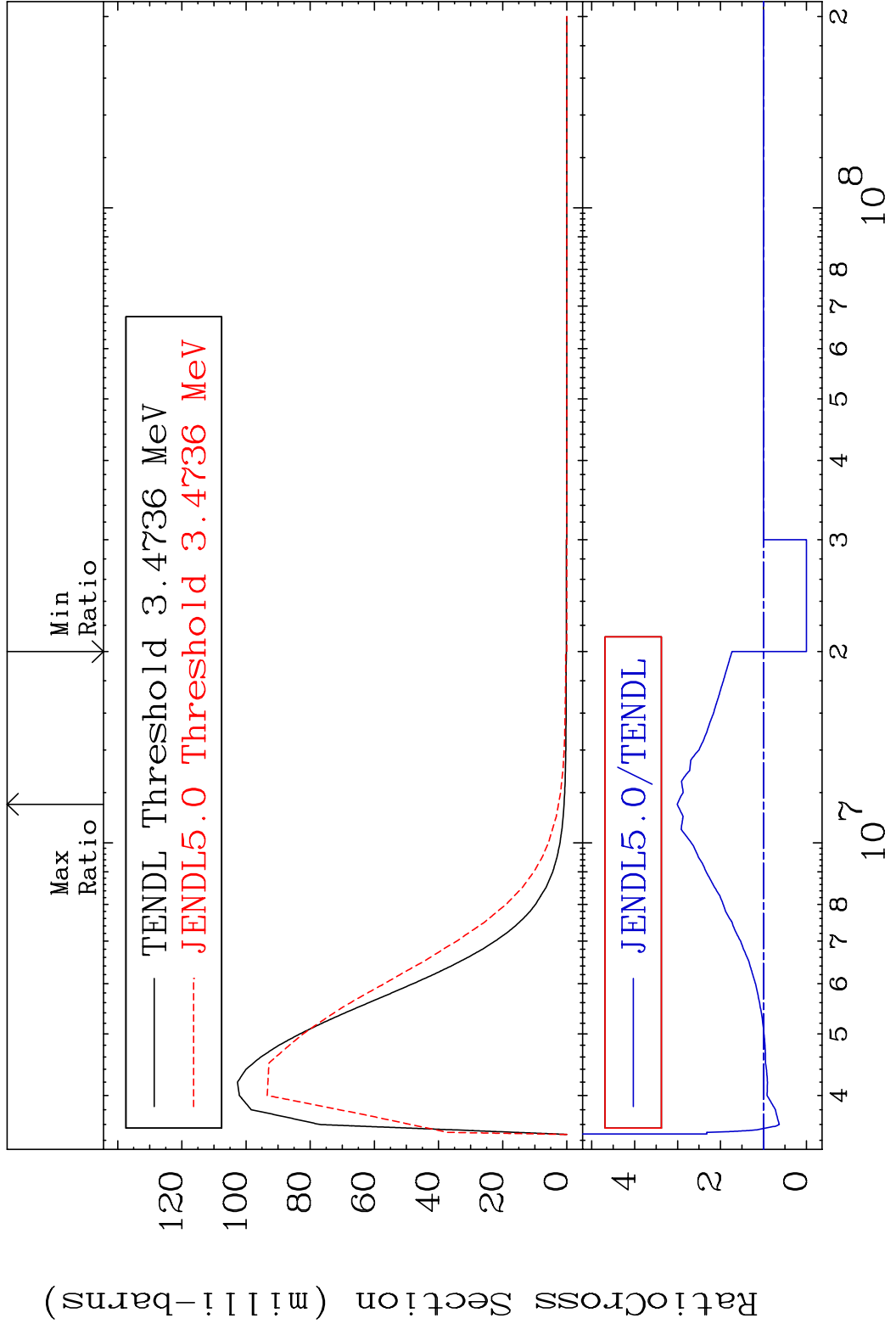
MAT 2031 MT= 56 (n,n') Level 20-Ca-42  
 Cross Section -100.0 To 319.0 %



MAT 2031 MT= 57 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 9999. %

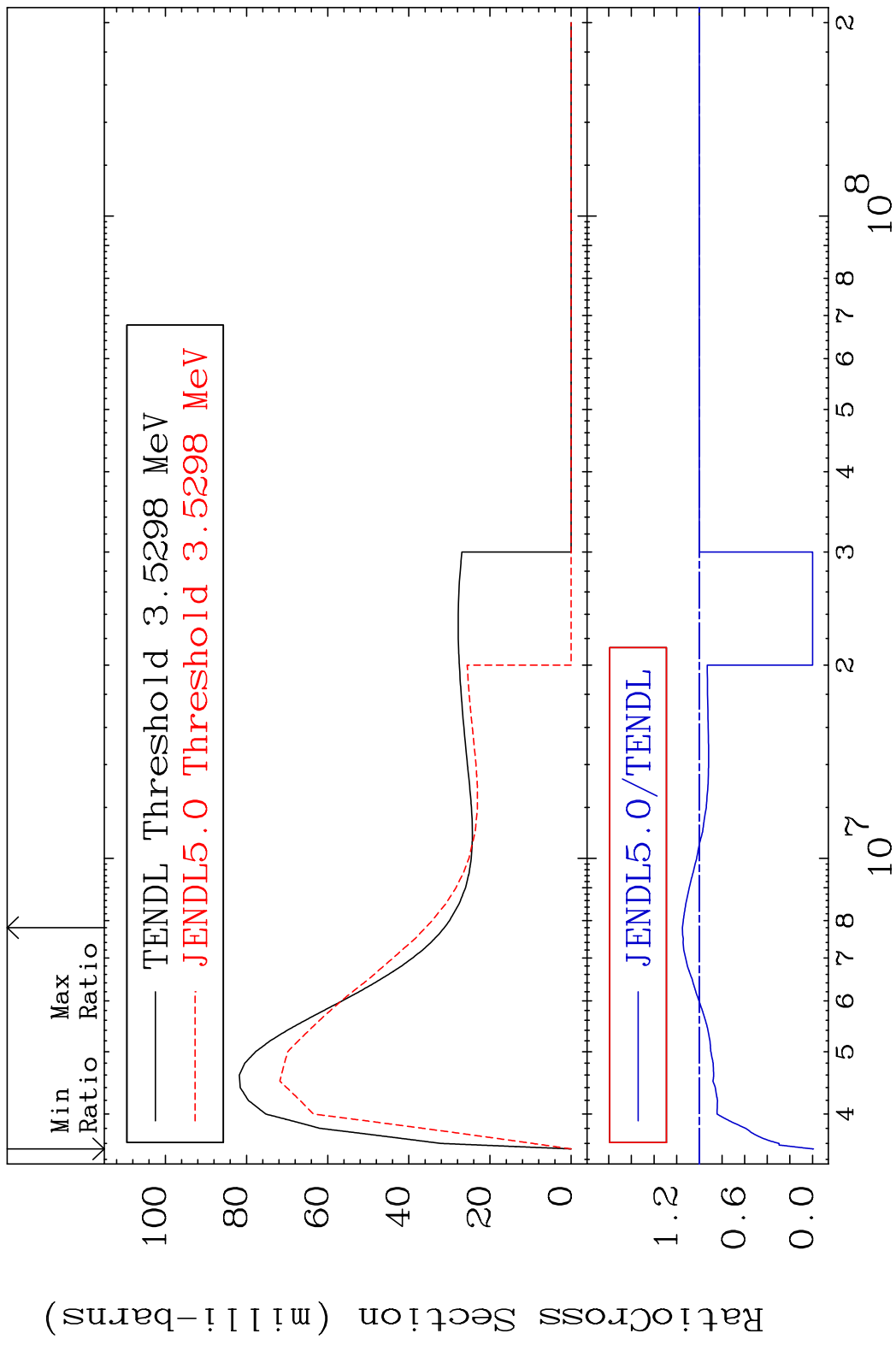


MAT 2031 MT= 58 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 200.9 %

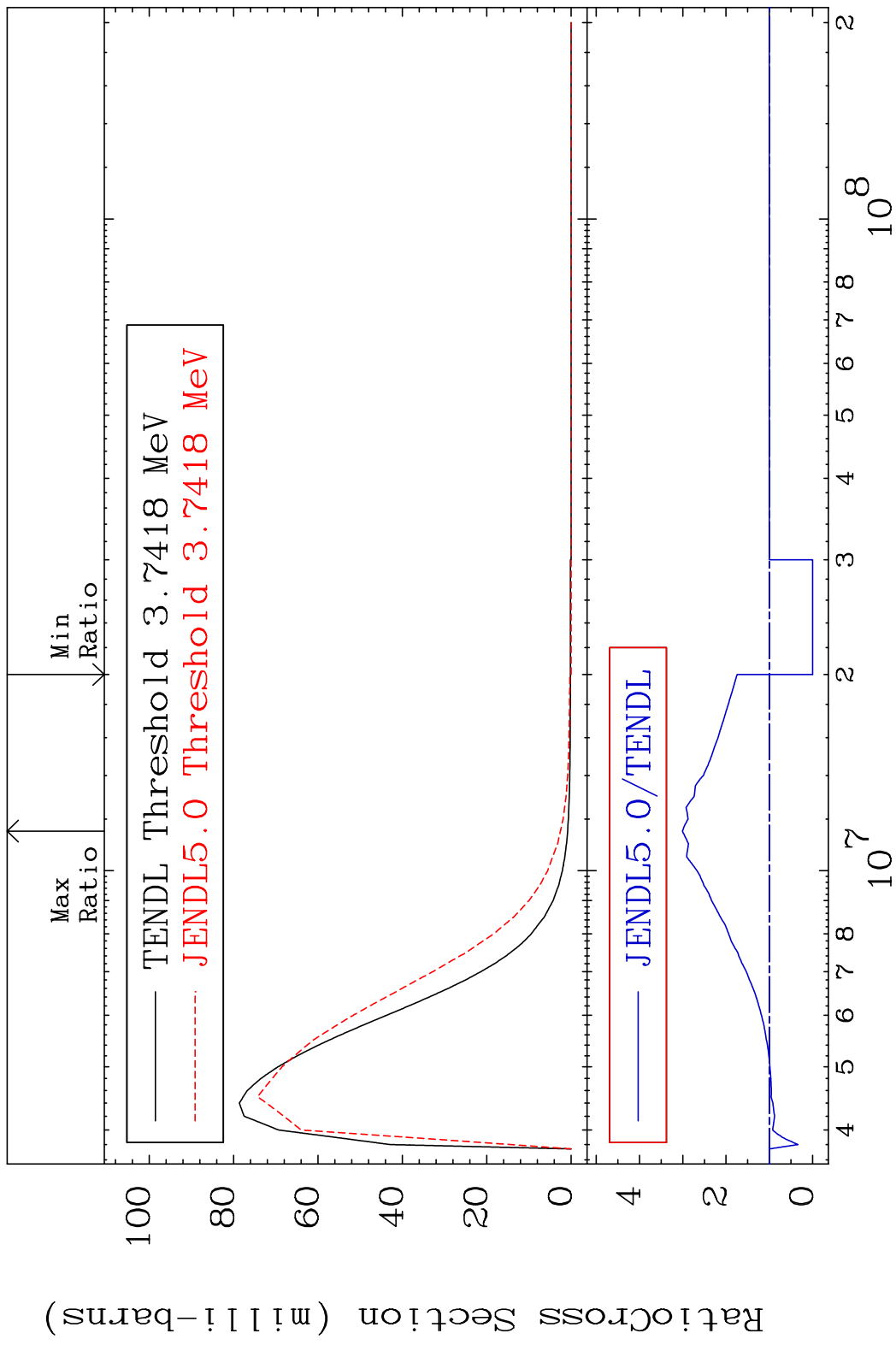




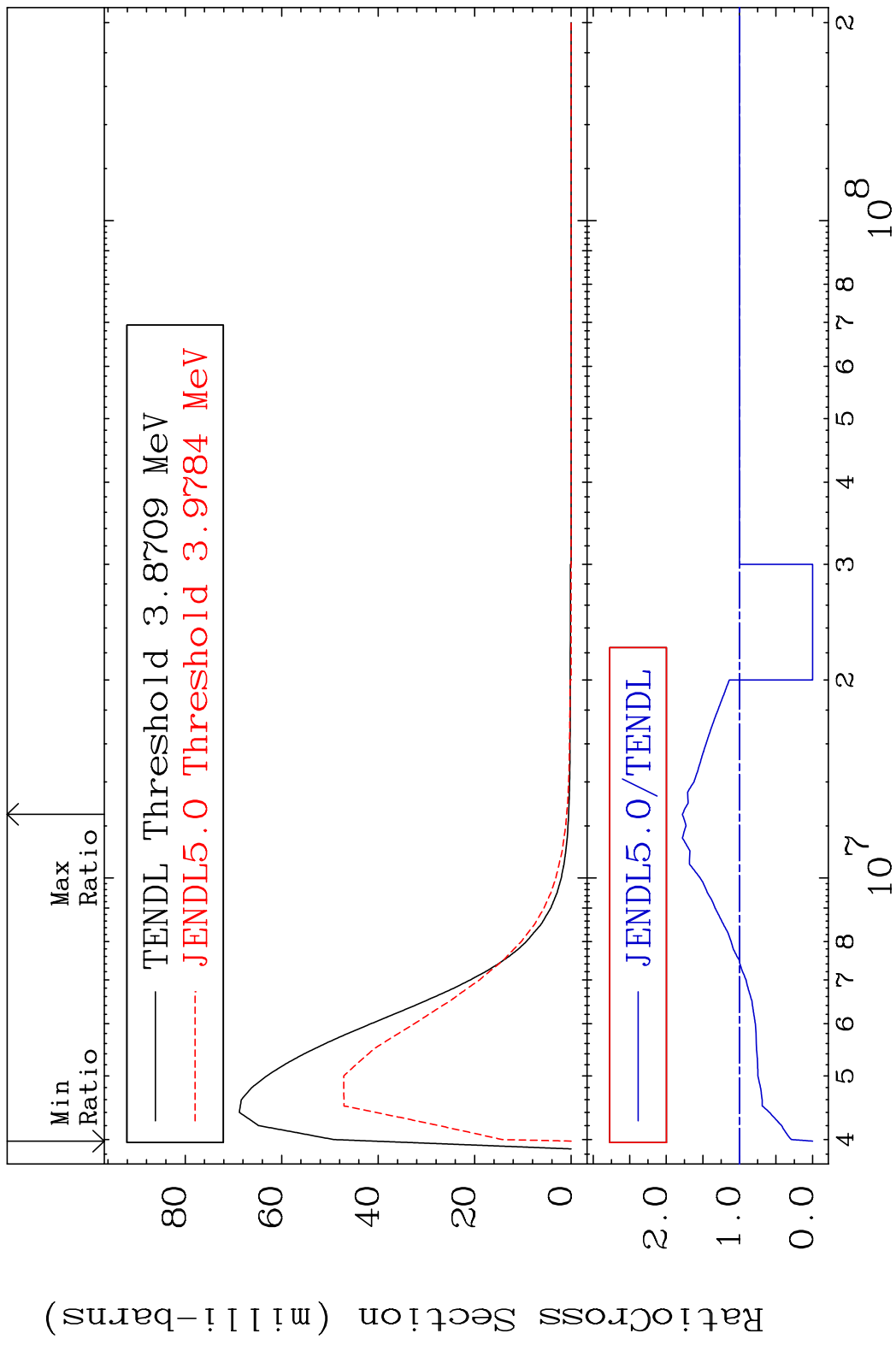
MAT 2031 MT= 59 (n,n') Level 20-Ca-42  
 Cross Section -100.0 To 15.00 %



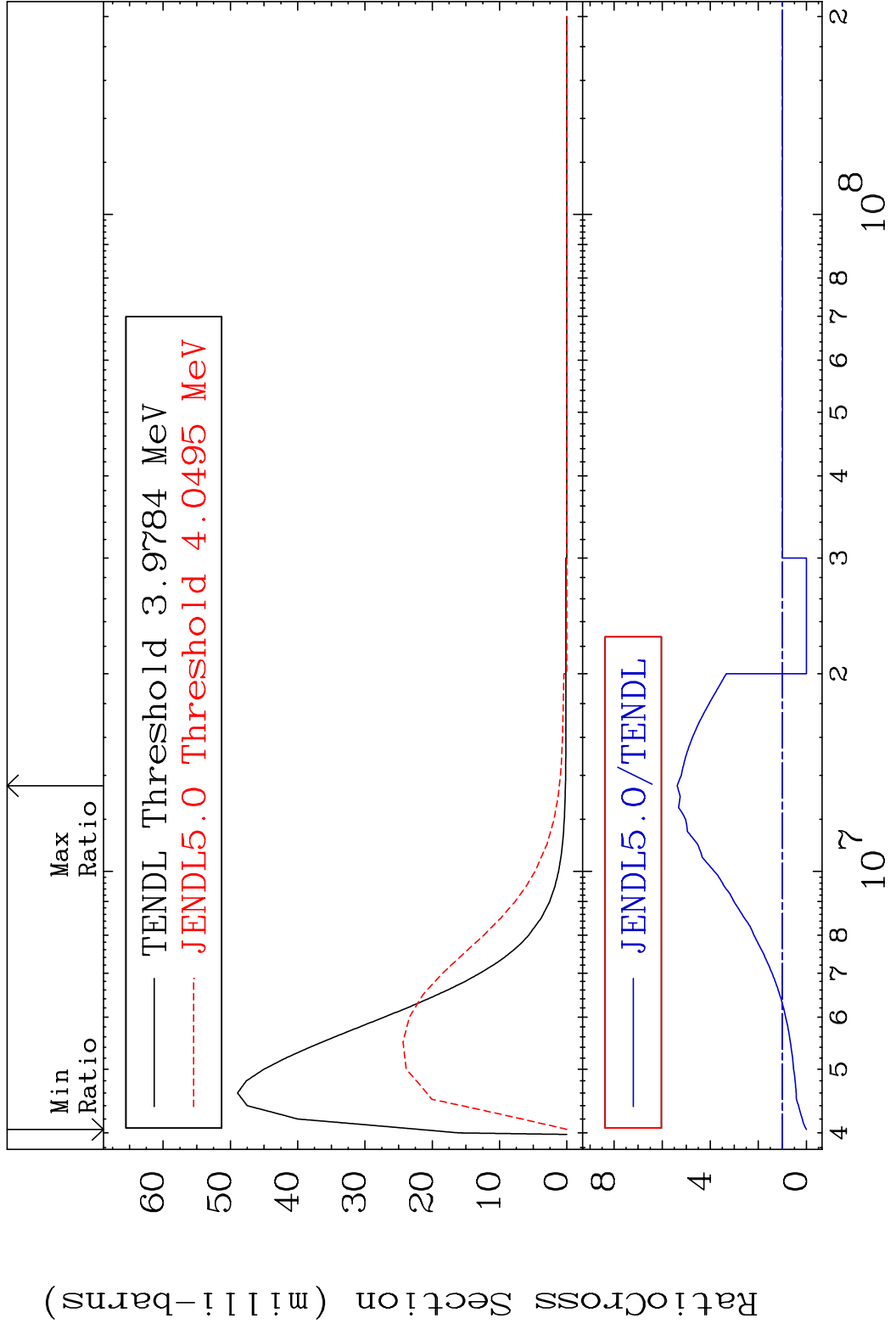
MAT 2031 MT= 60 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 201.0 %



MAT 2031 MT= 61 (n,n') Level 20-Ca-42  
 Cross Section -100.0 To 78.00 %

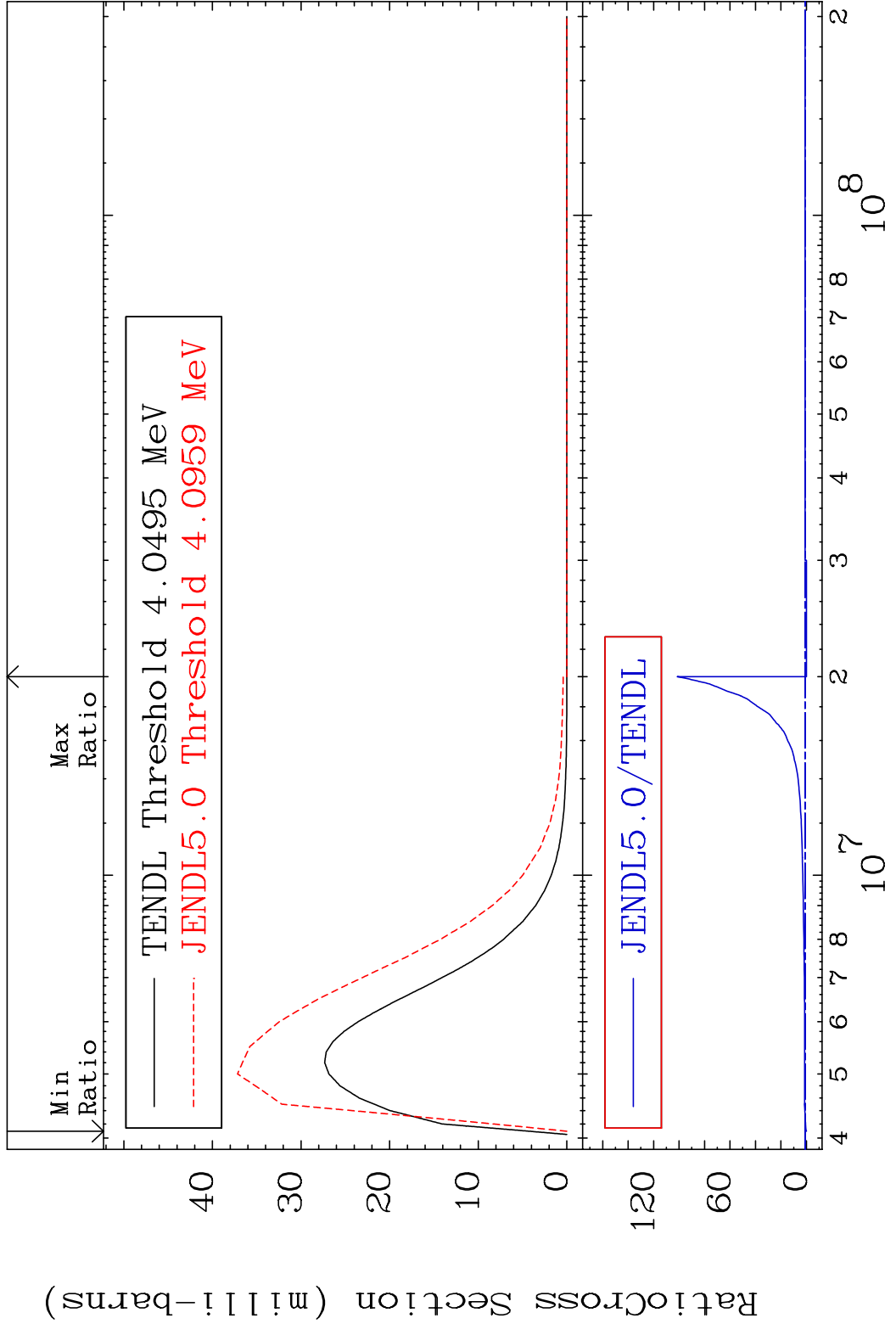


MAT 2031 MT= 62 (n,n') Level 20-Ca-42  
 Cross Section -100.0 To 437.7 %

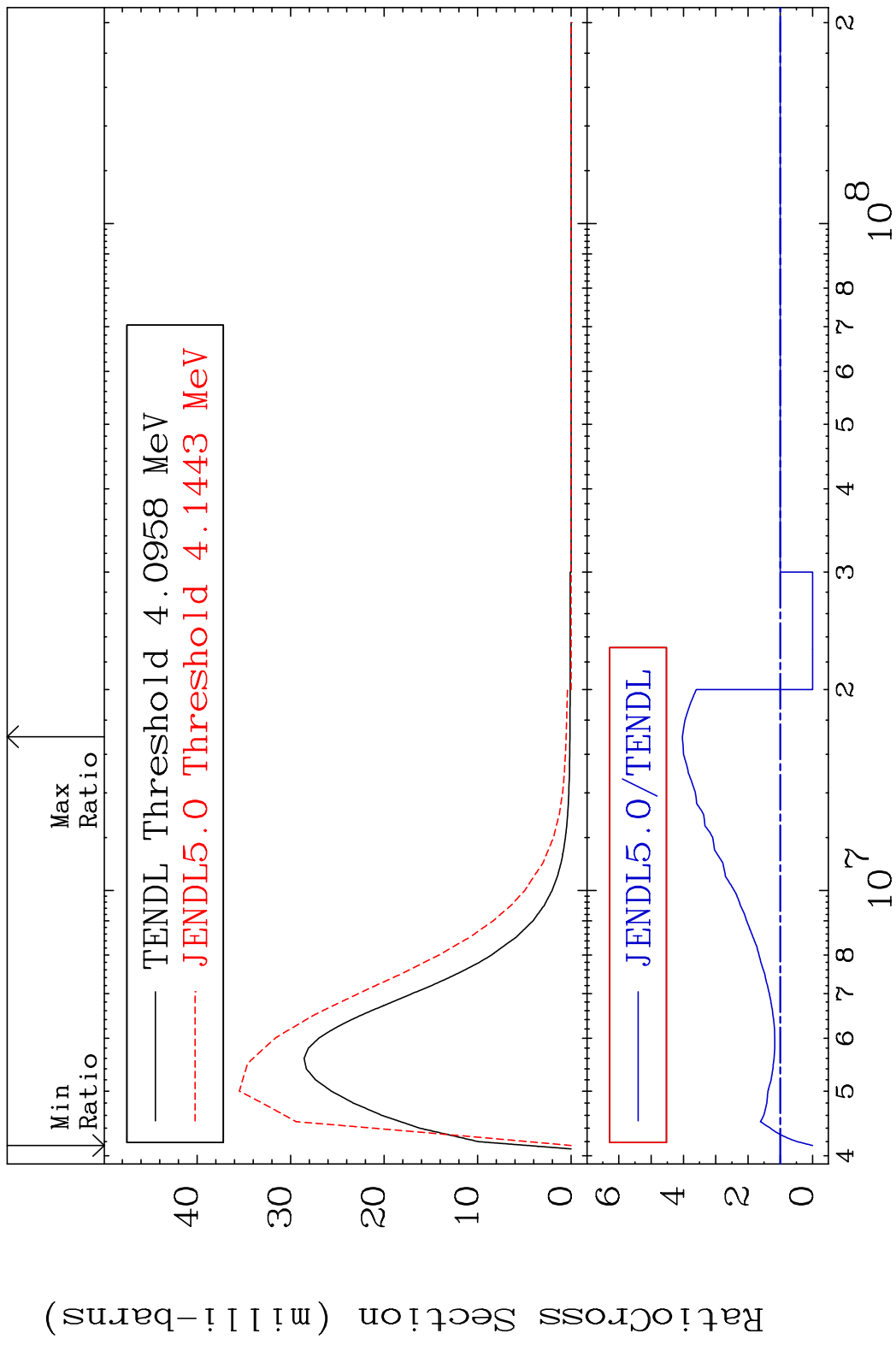


19 Incident Energy (eV) 20-Ca-42

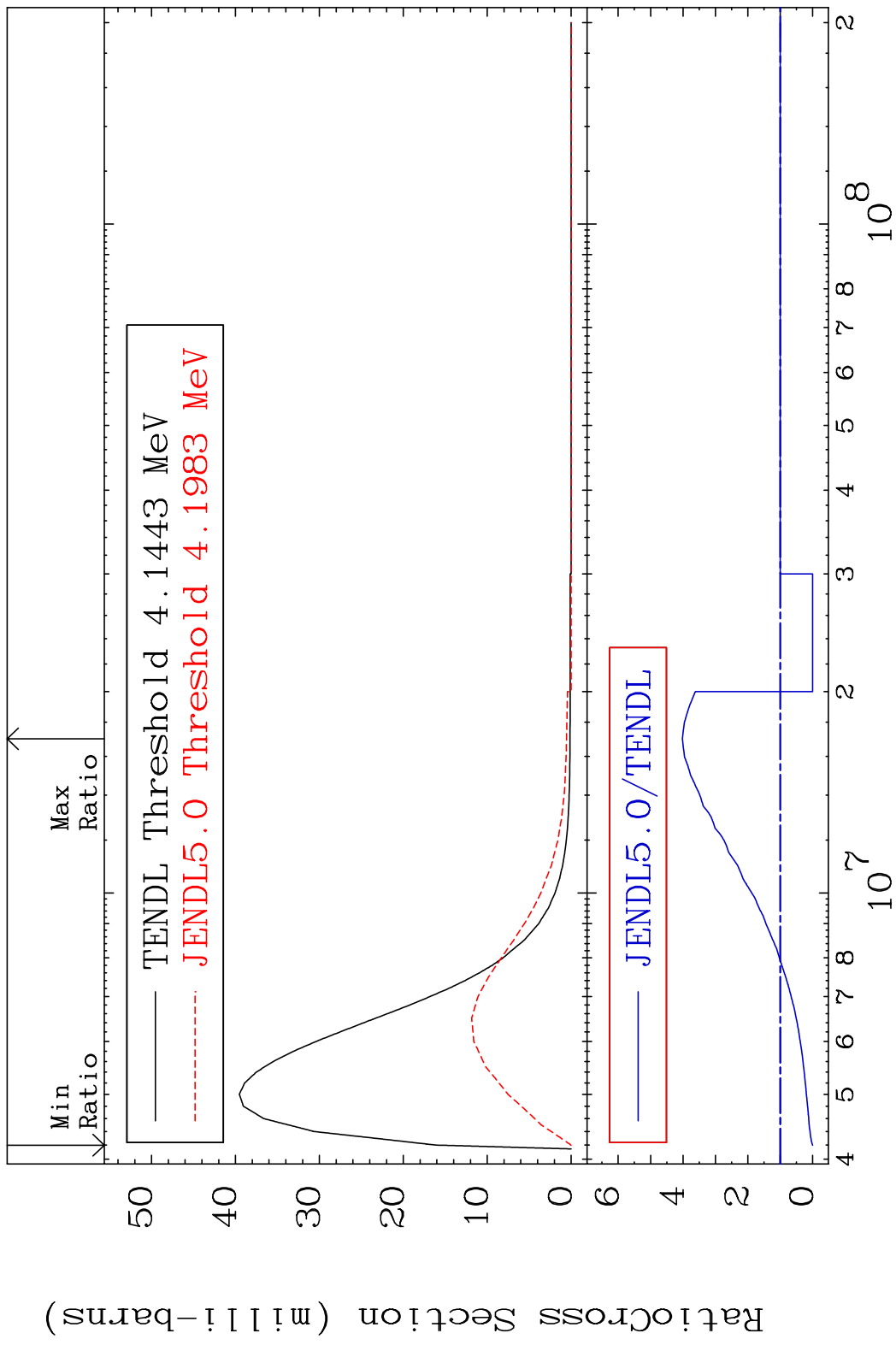
MAT 2031 MT= 63 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 9999. %



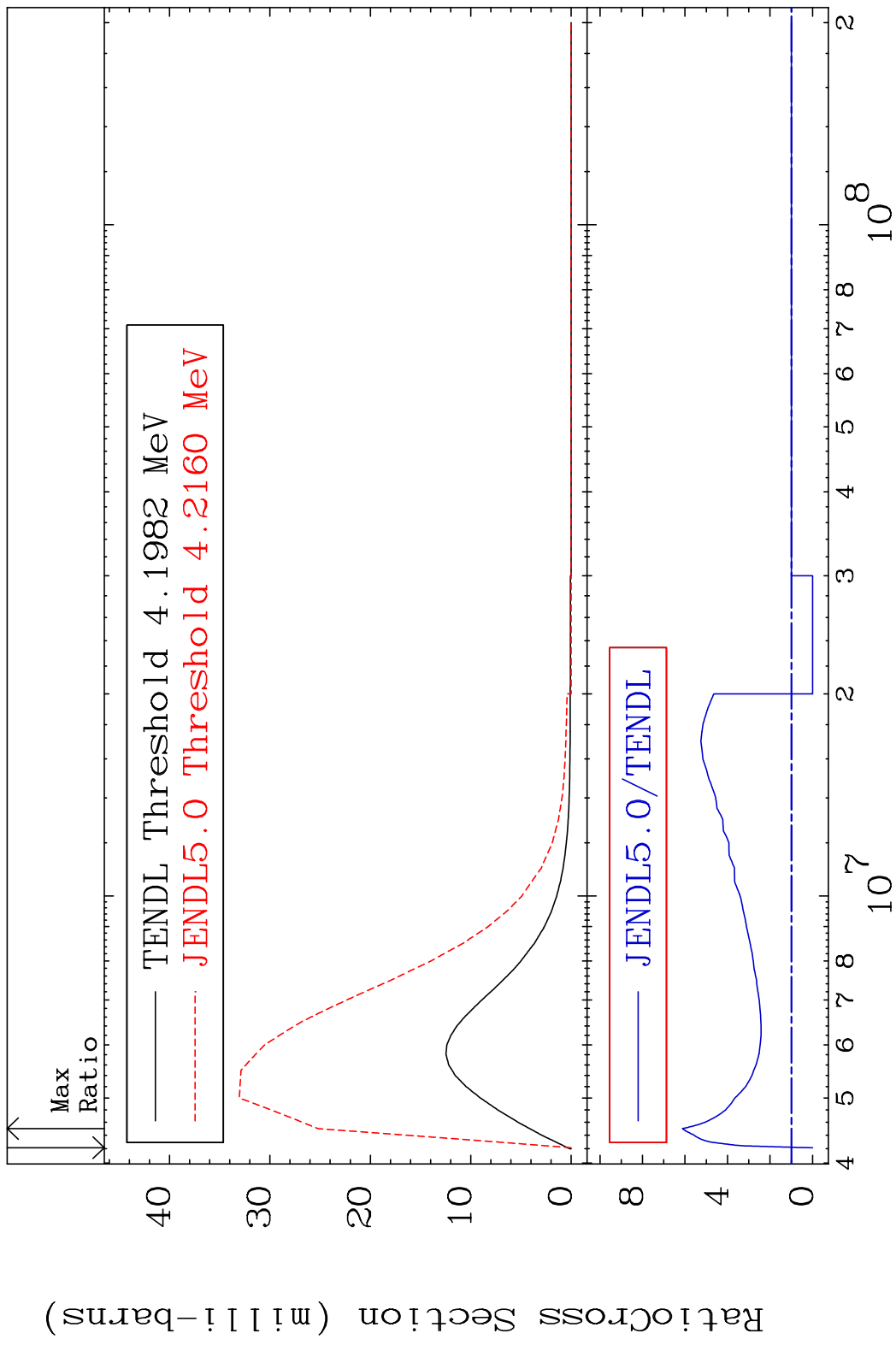
MAT 2031 MT= 64 (n,n') Level 20-Ca-42  
 Cross Section -100.0 To 303.3 %



MAT 2031 MT= 65 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 301.9 %



MAT 2031 MT= 66 (n, n') Level 20-Ca-42  
 Cross Section -100.0 To 512.4 %



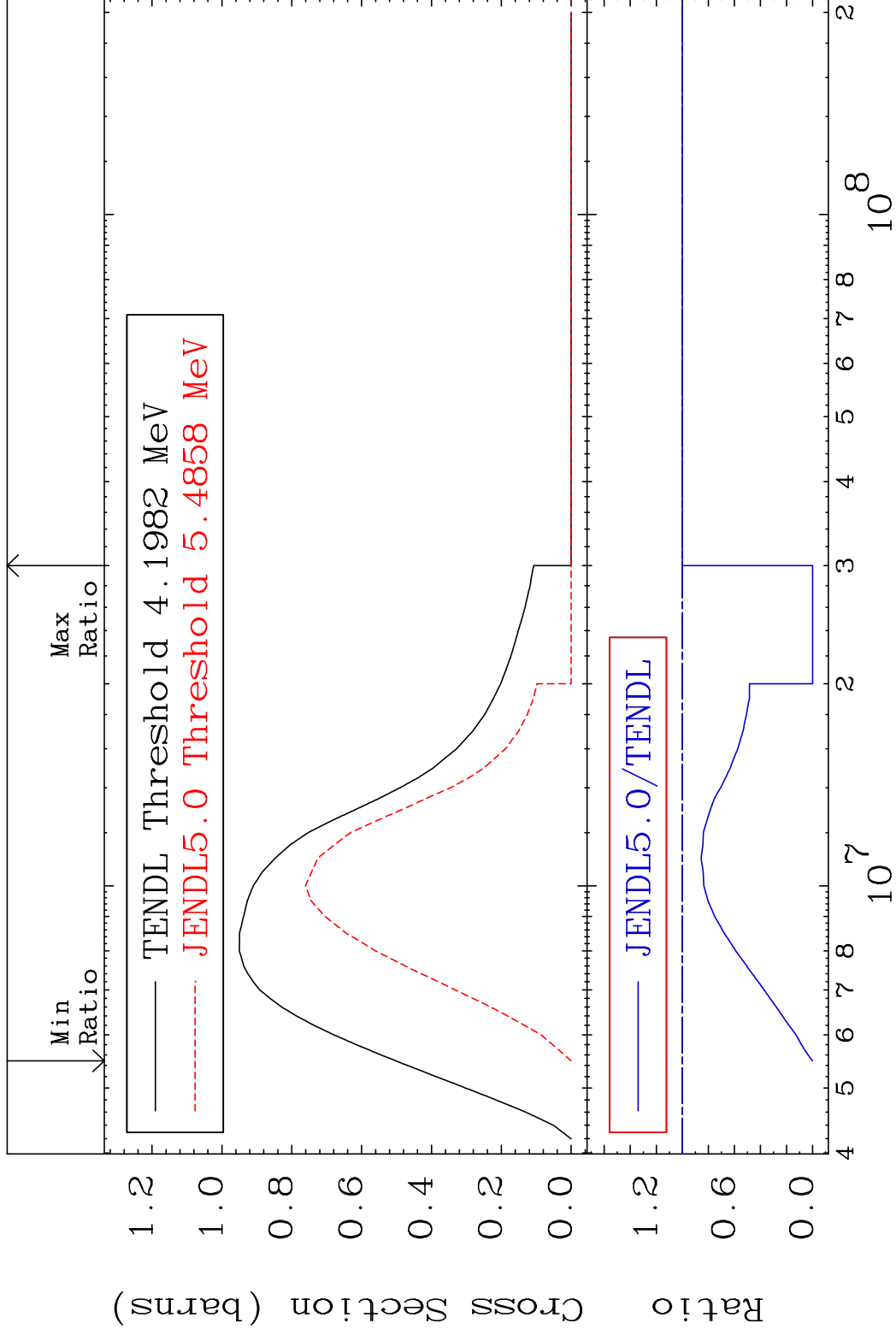


MAT 2031

(n,n') Continuum

20-Ca-42

Cross Section -100.0 To 0.000 %



24

Incident Energy (eV)

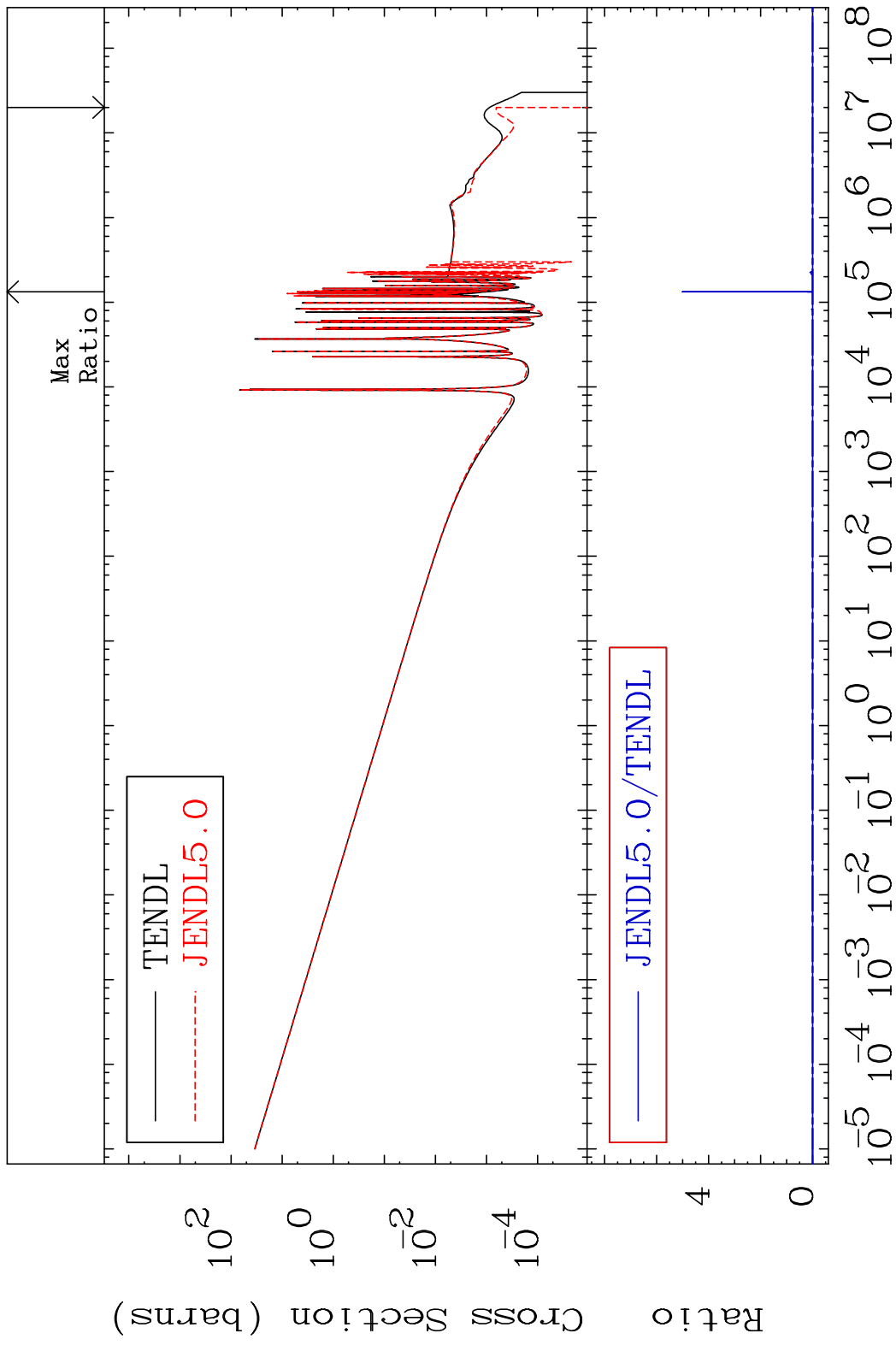
20-Ca-42

MAT 2031

(n,  $\gamma$ )

20-Ca-42

Cross Section -100.0 To 9999. %

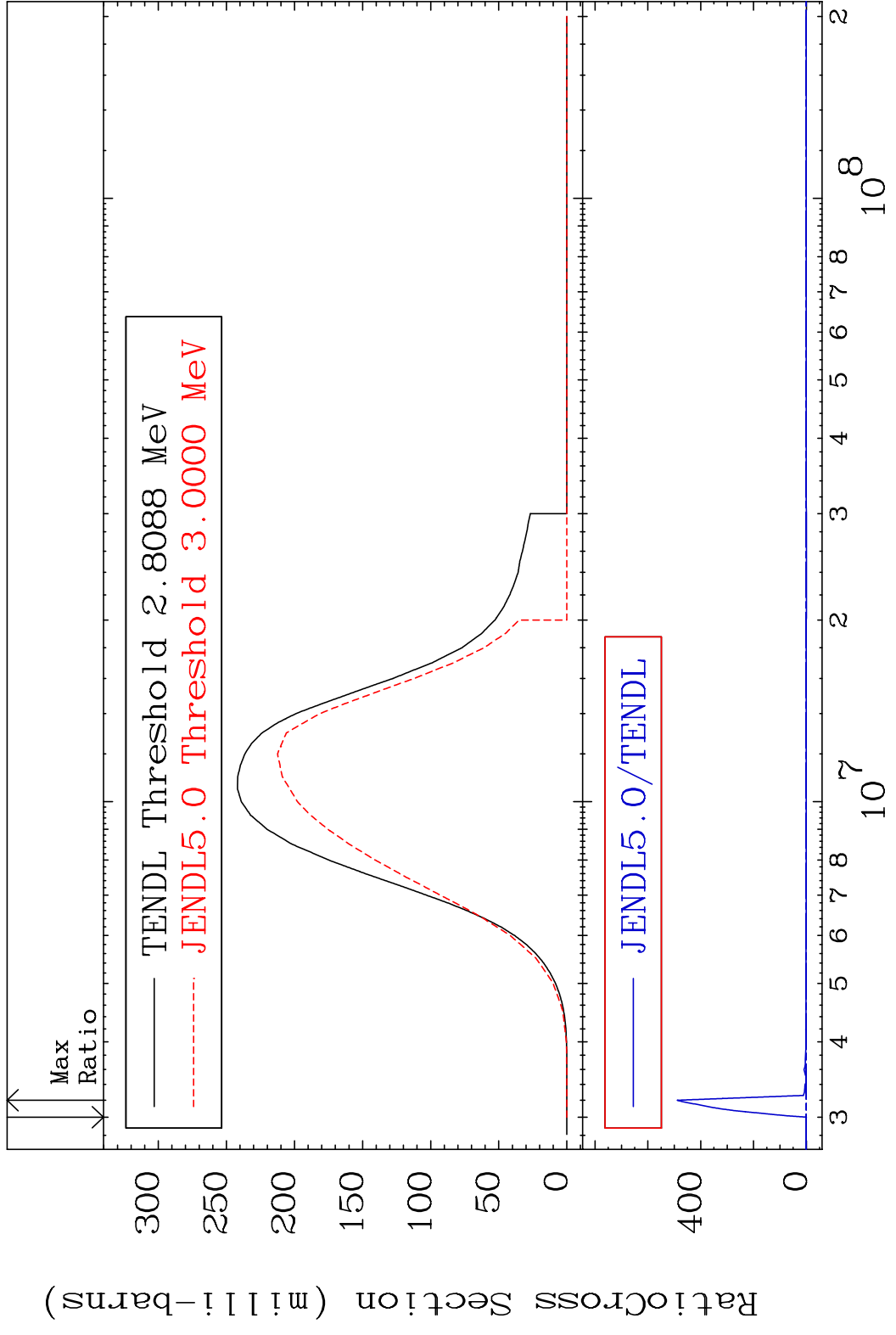


25

Incident Energy (eV)

20-Ca-42

MAT 2031 (n,p) 20-Ca-42  
 Cross Section -100.0 To 9999. %

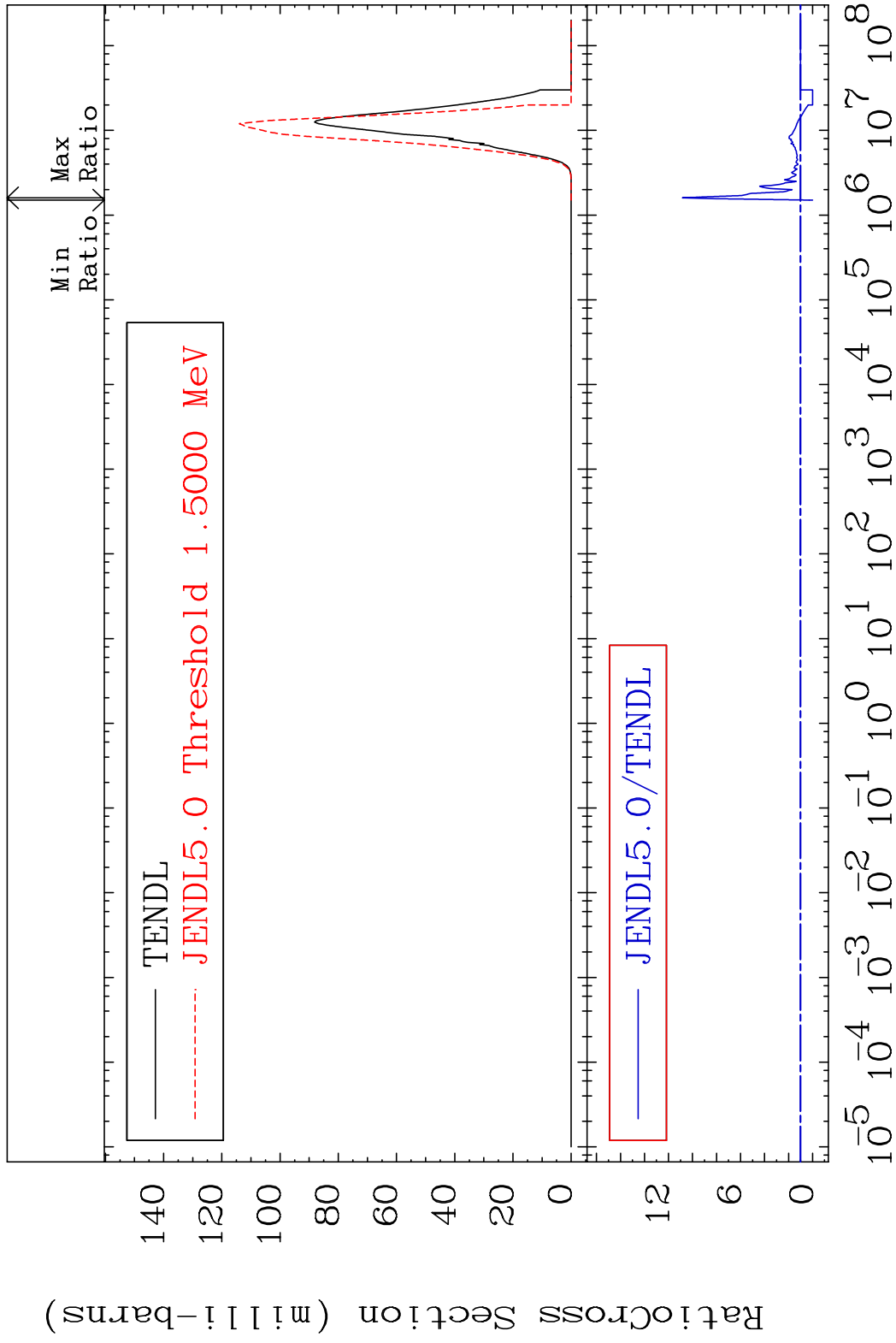


MAT 2031

(n,  $\alpha$ )

20-Ca-42

Cross Section -100.0 To 984.6 %

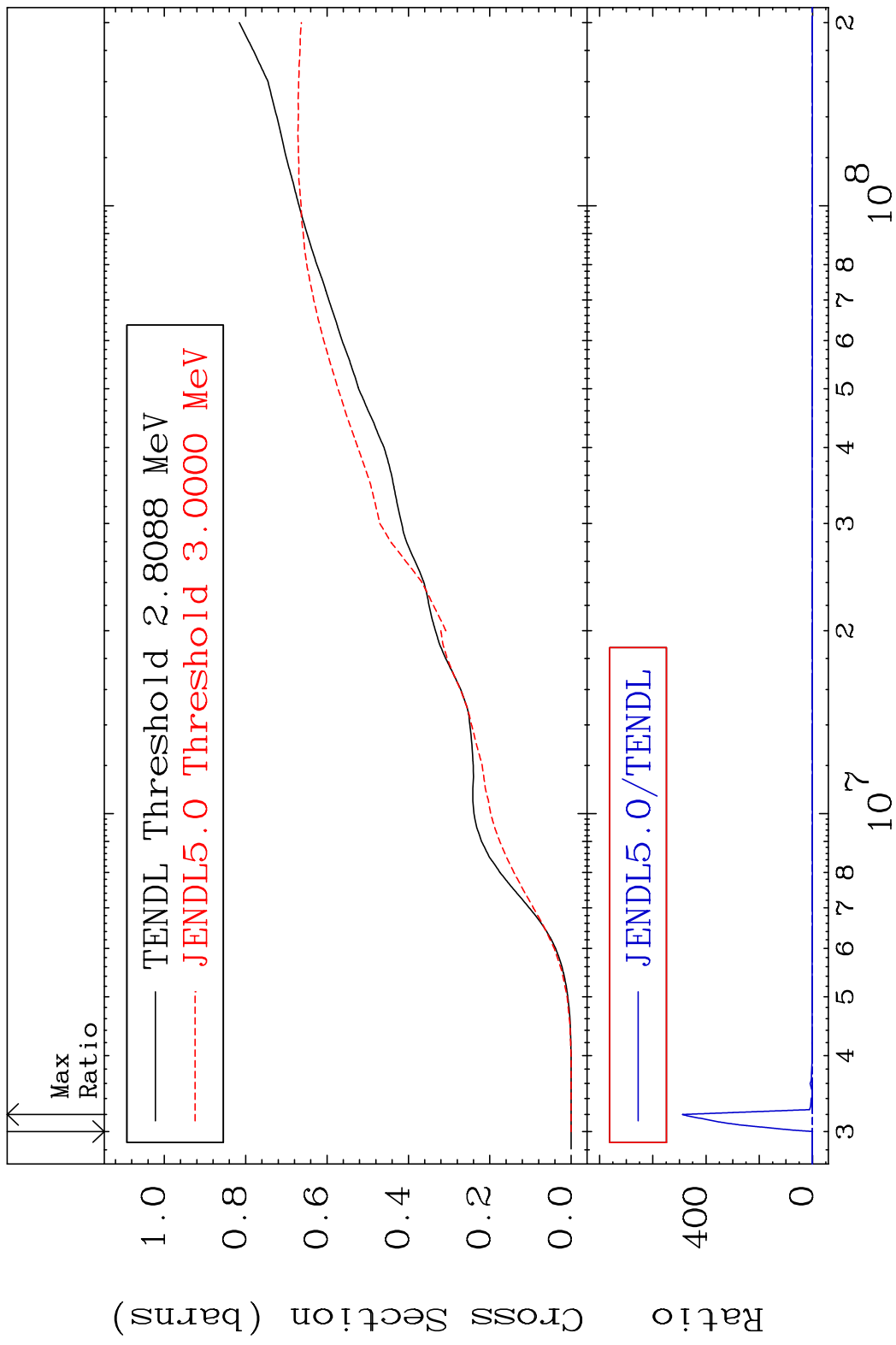


27

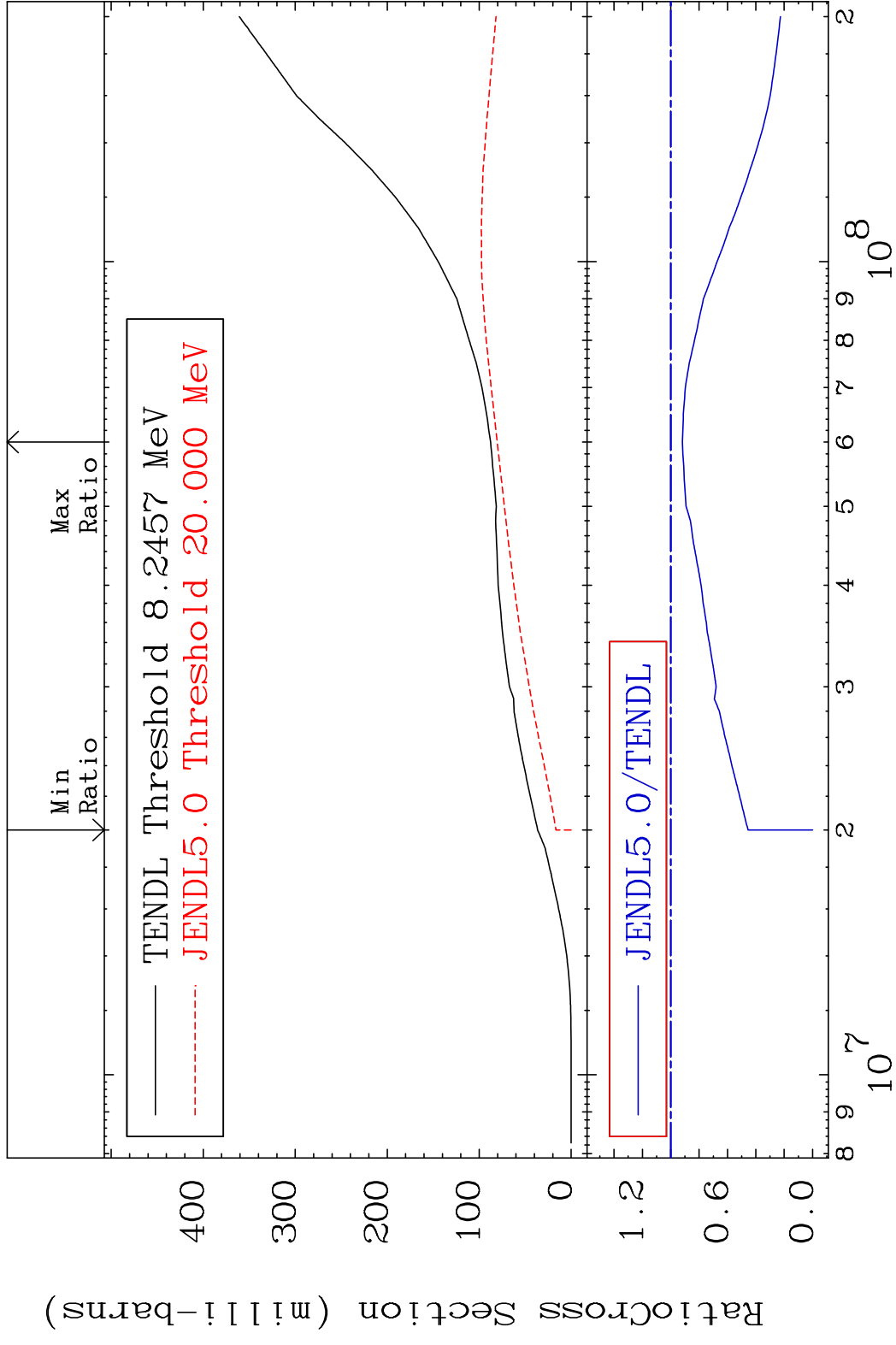
Incident Energy (eV)

20-Ca-42

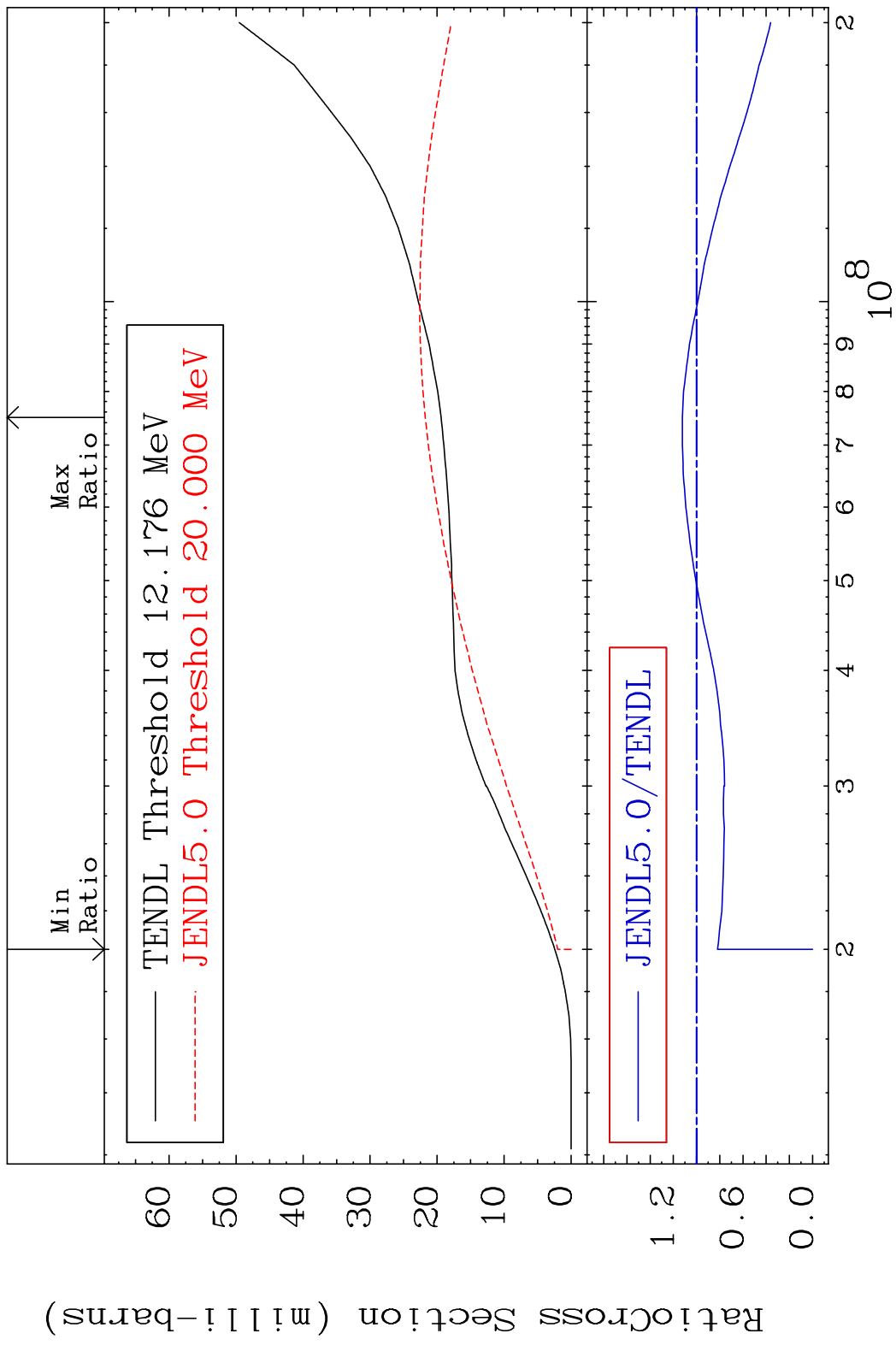
MAT 2031 Hydrogen Production 20-Ca-42  
 Cross Section -100.0 To 9999. %



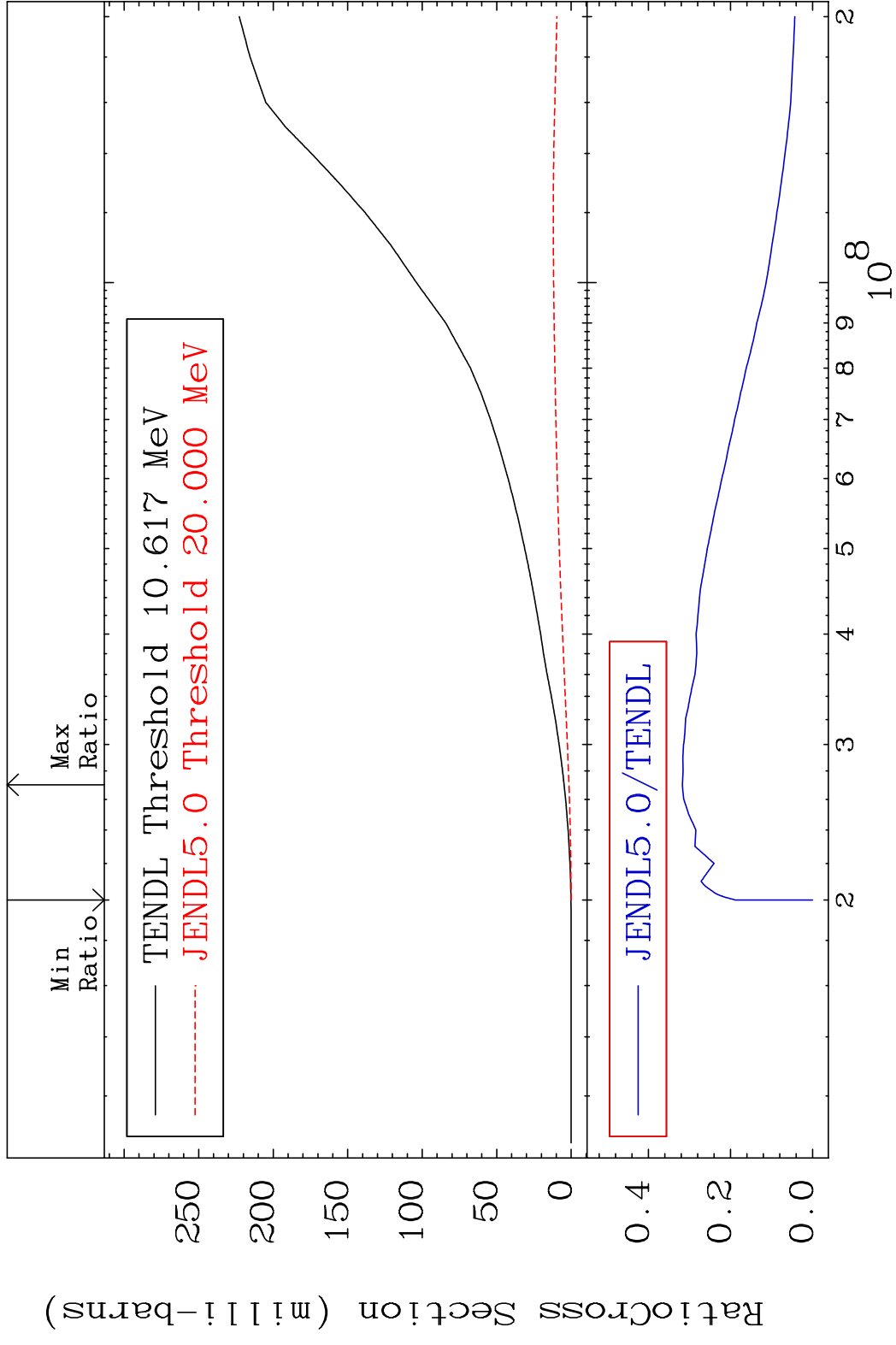
MAT 2031 Deuterium Production 20-Ca-42  
 Cross Section -100.0 To -8.176%



MAT 2031 Tritium Production 20-Ca-42  
 Cross Section -100.0 To 12.23 %



MAT 2031 He-3 Production 20-Ca-42  
 Cross Section -100.0 To -68.29%



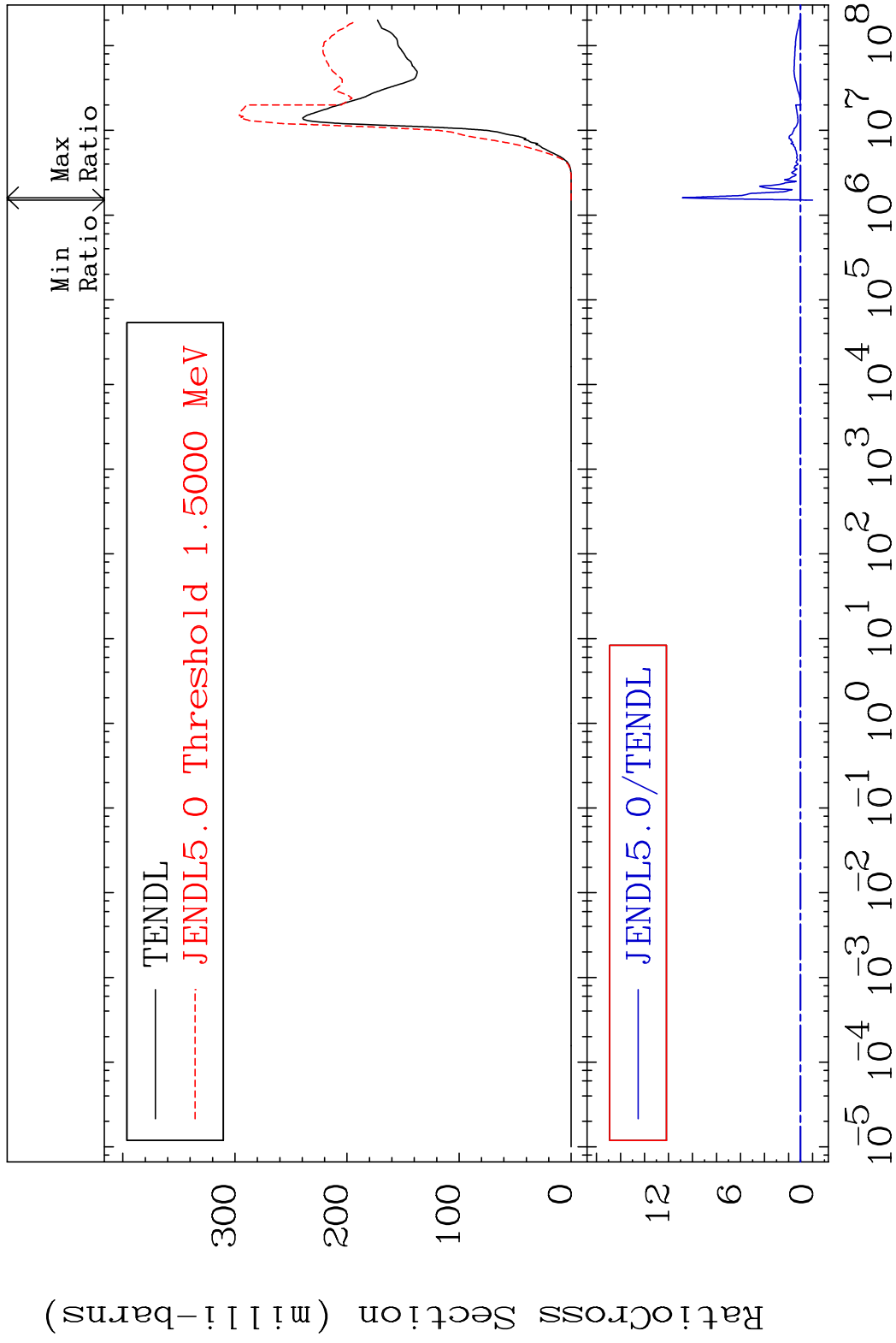


MAT 2031

He-4 Production

20-Ca-42

Cross Section -100.0 To 984.6 %

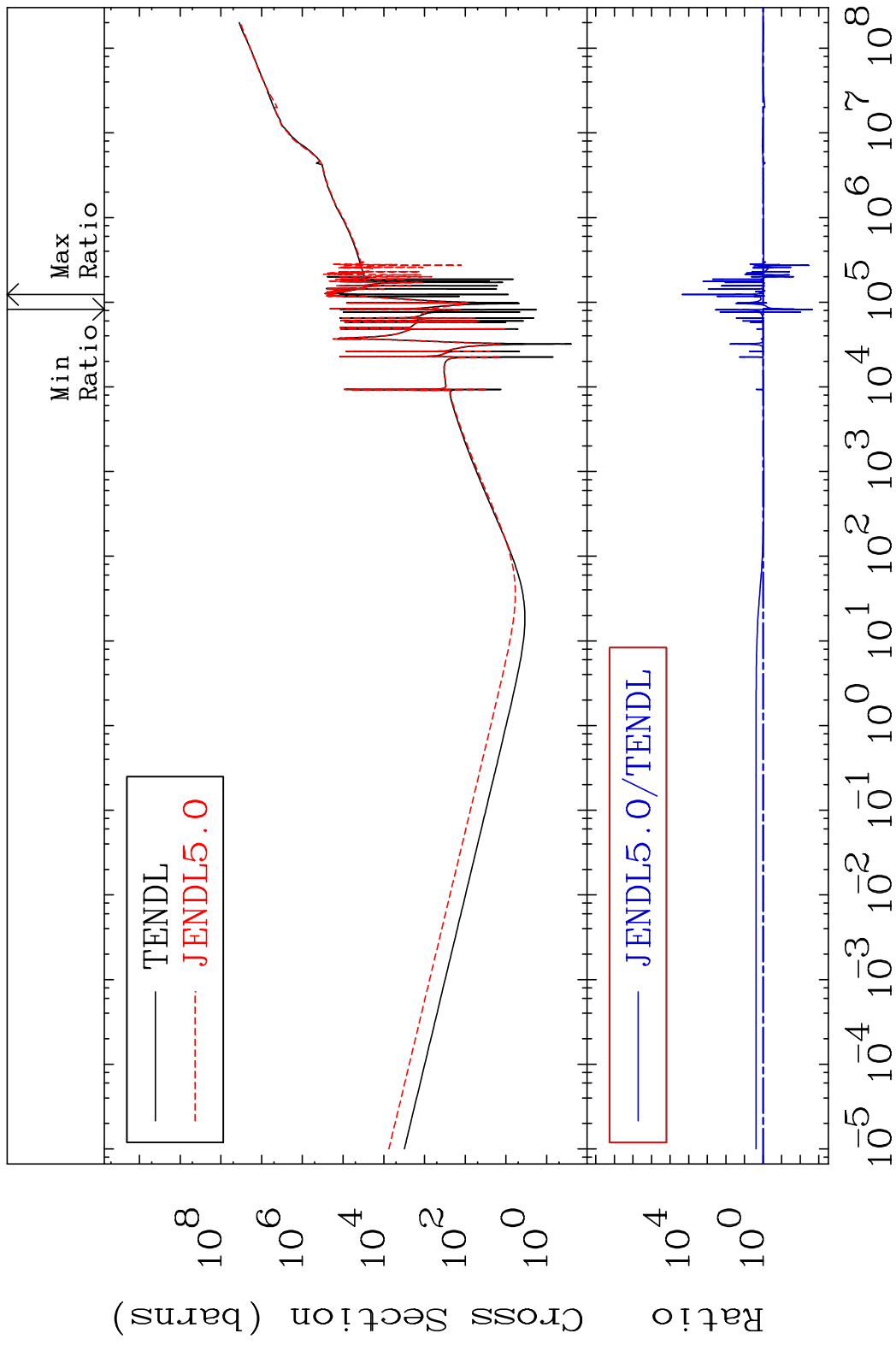


32

Incident Energy (eV)

20-Ca-42

MAT 2031 Kerma total (eV-barns) 20-Ca-42  
 Cross Section -99.78 To 9999. %

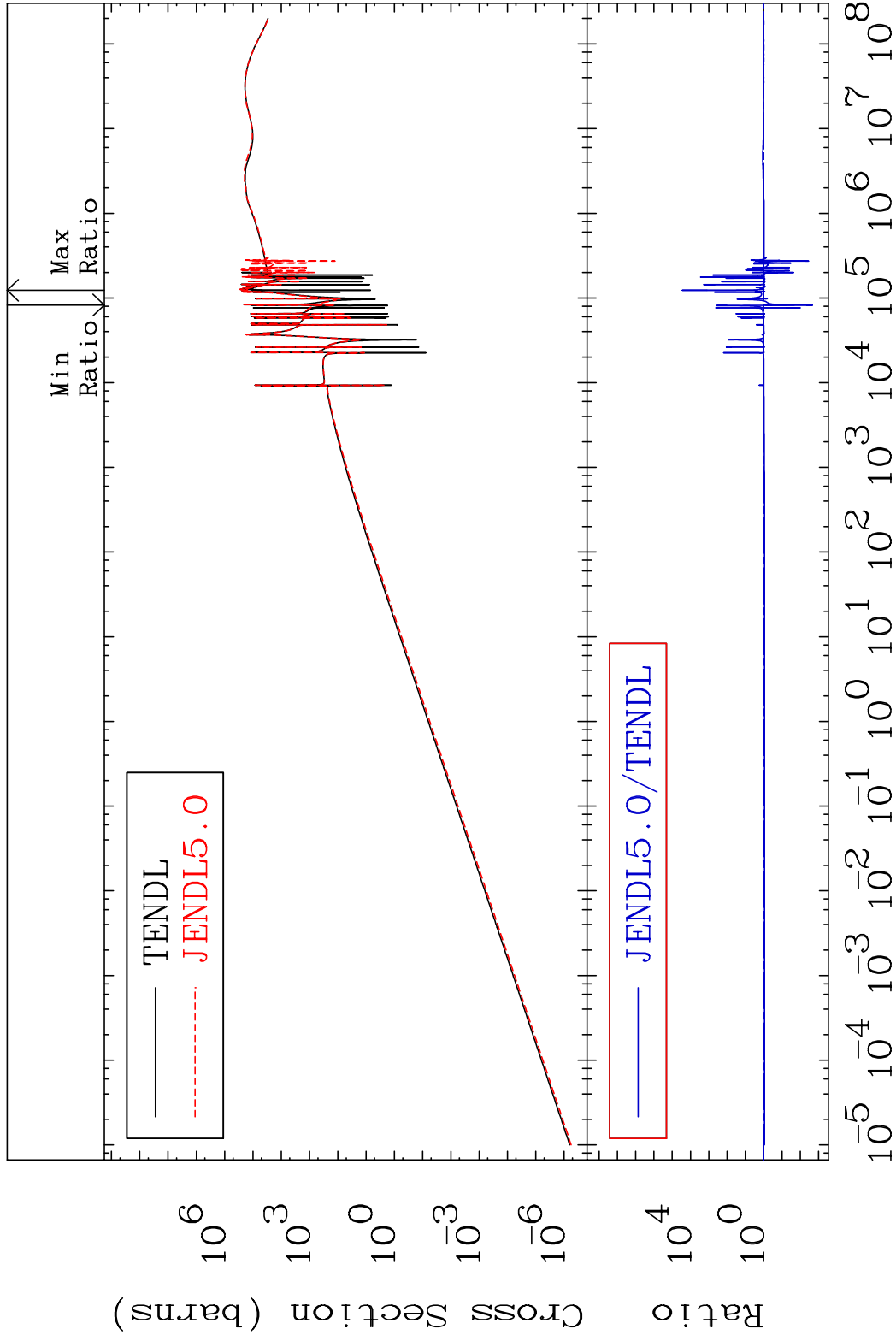


33 Incident Energy (eV) 20-Ca-42

MAT 2031

Kerma elastic  
Cross Section

20-Ca-42  
-99.79 To 9999. %

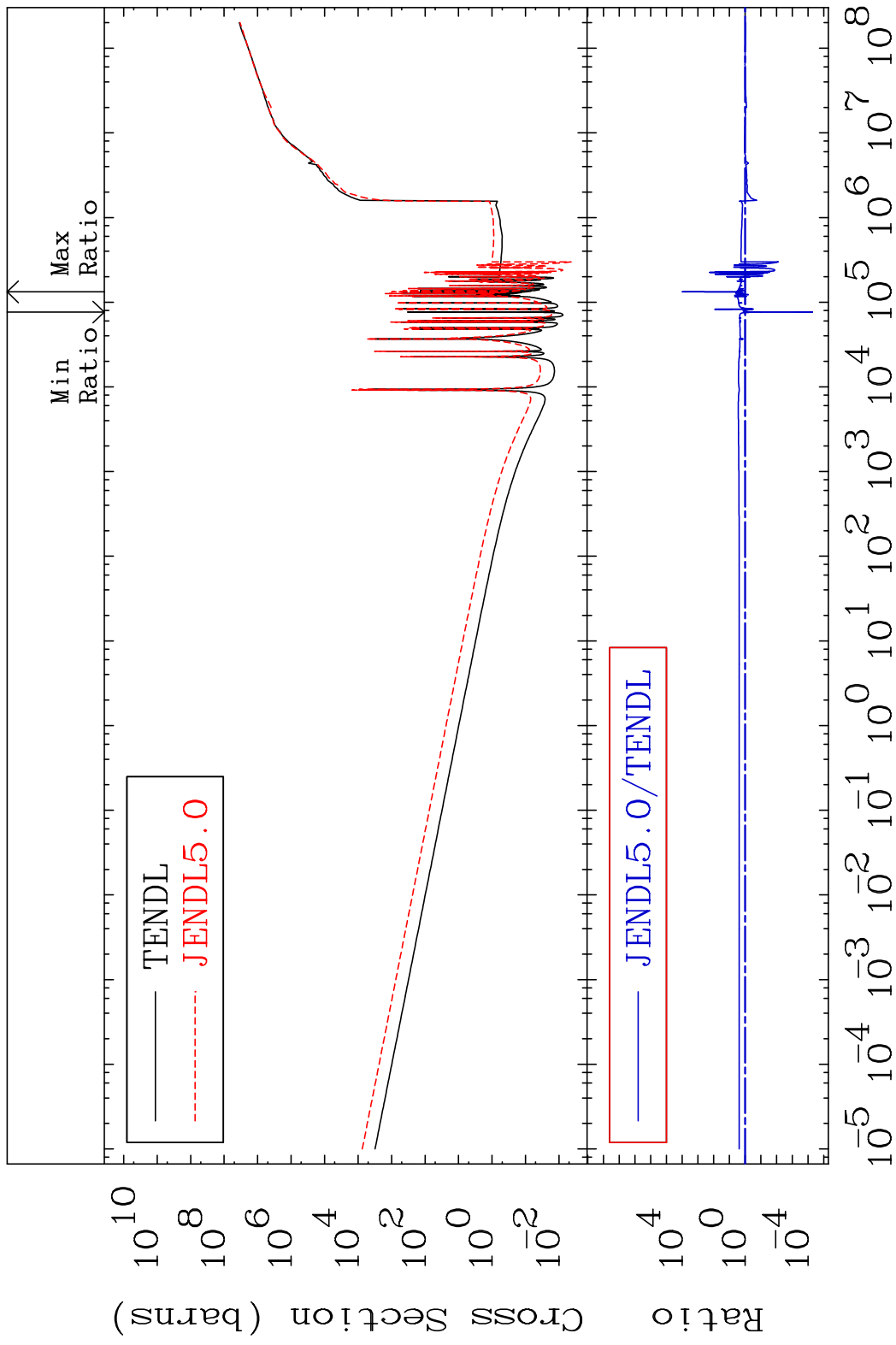


34

Incident Energy (eV)

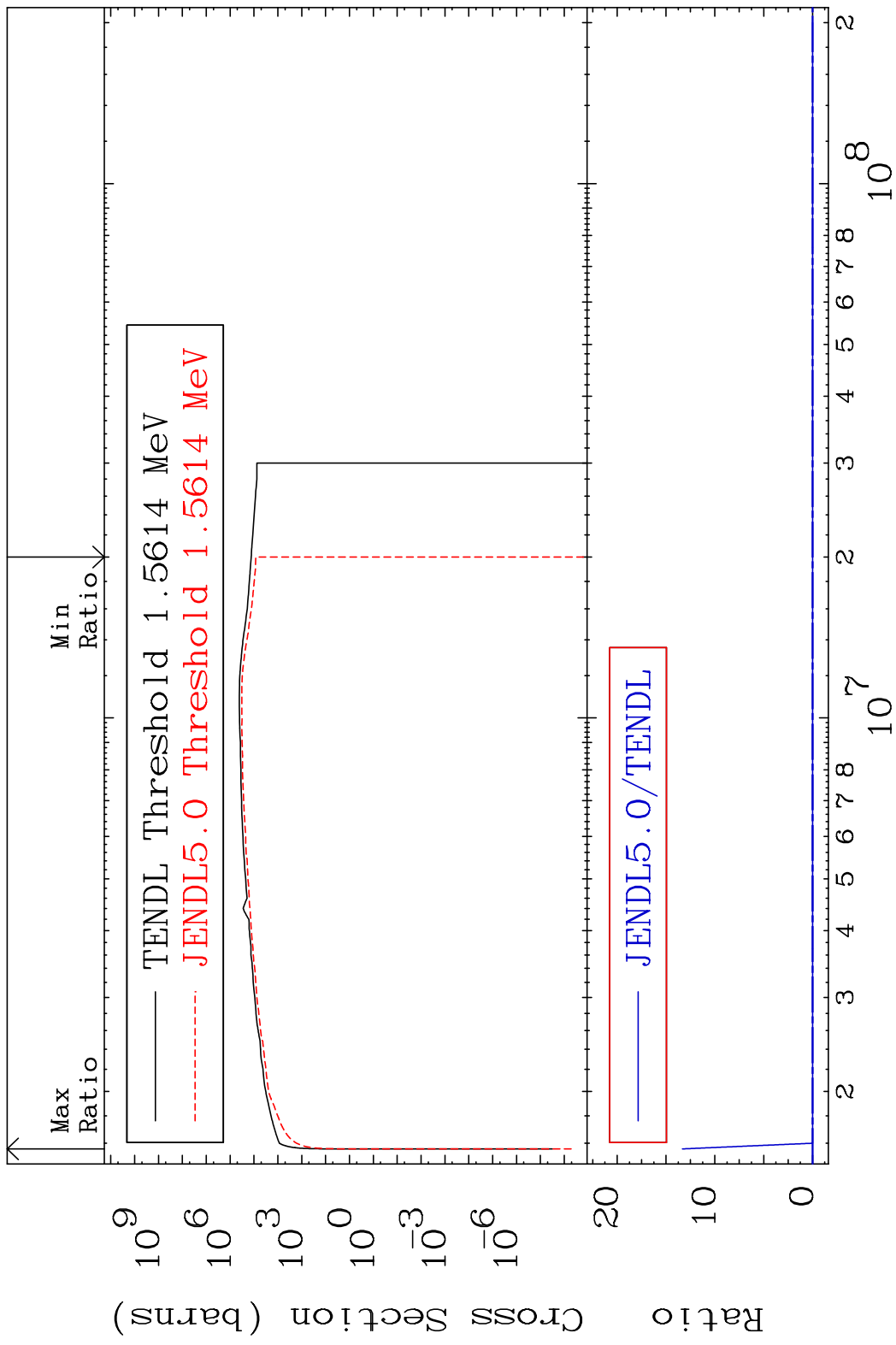
20-Ca-42

MAT 2031 Kerma non-elastic (all but mt2) 20-Ca-42  
 Cross Section -99.99 To 9999. %

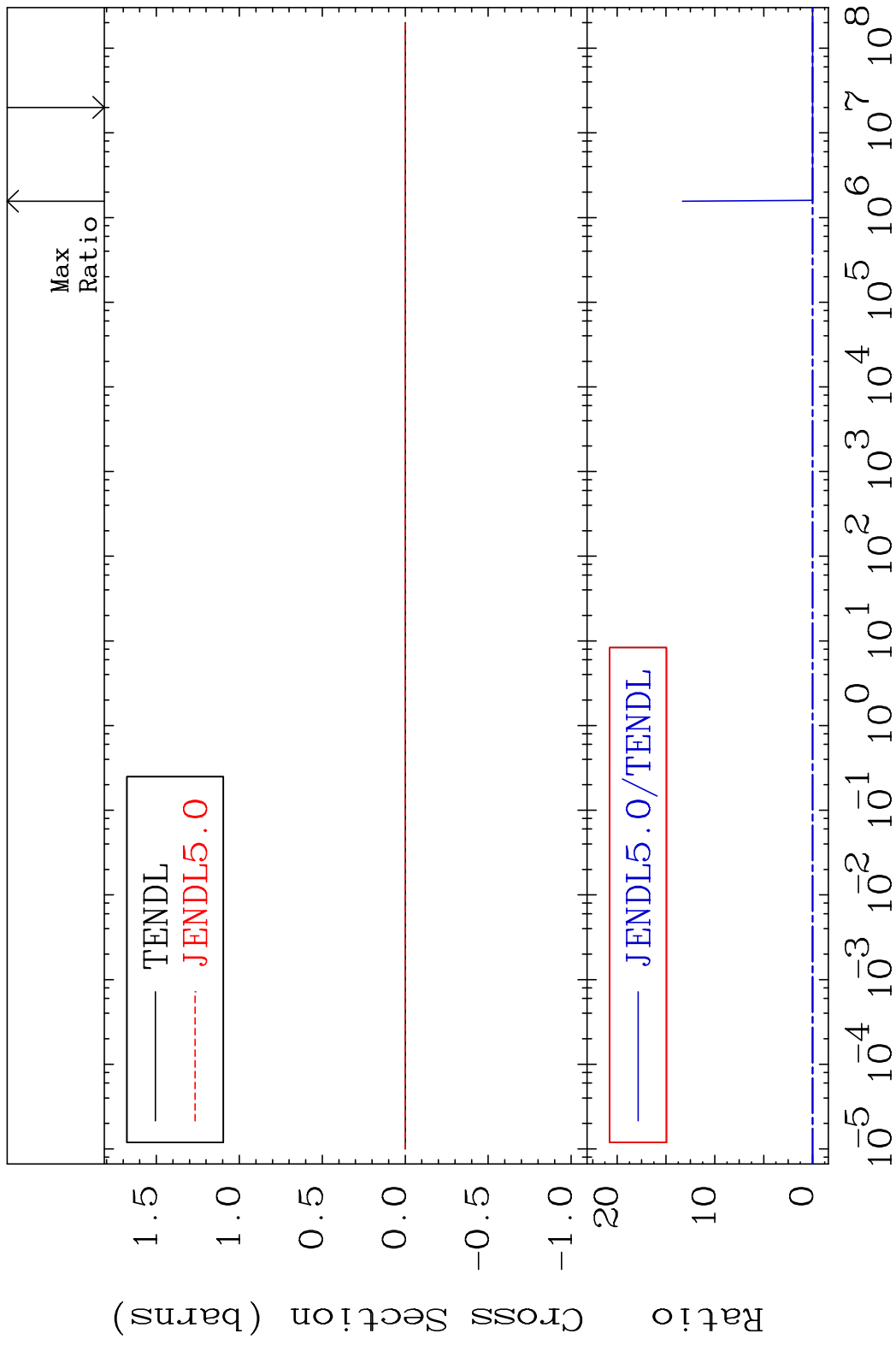


35 Incident Energy (eV) 20-Ca-42

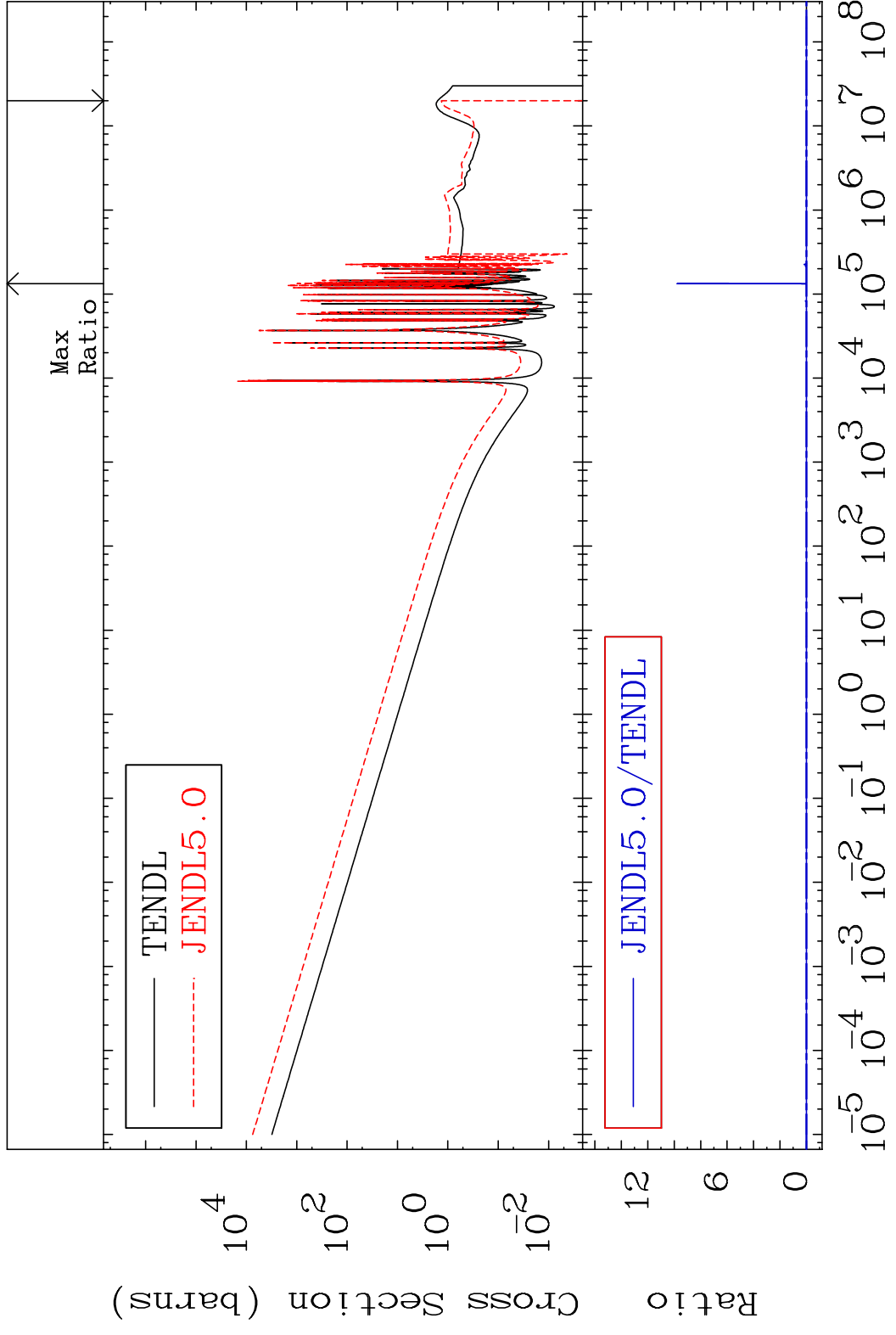
MAT 2031 Kerma inelastic (mt51-91) 20-Ca-42  
 Cross Section -100.0 To 9999. %



MAT 2031 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-42  
 Cross Section -100.0 To 9999. %

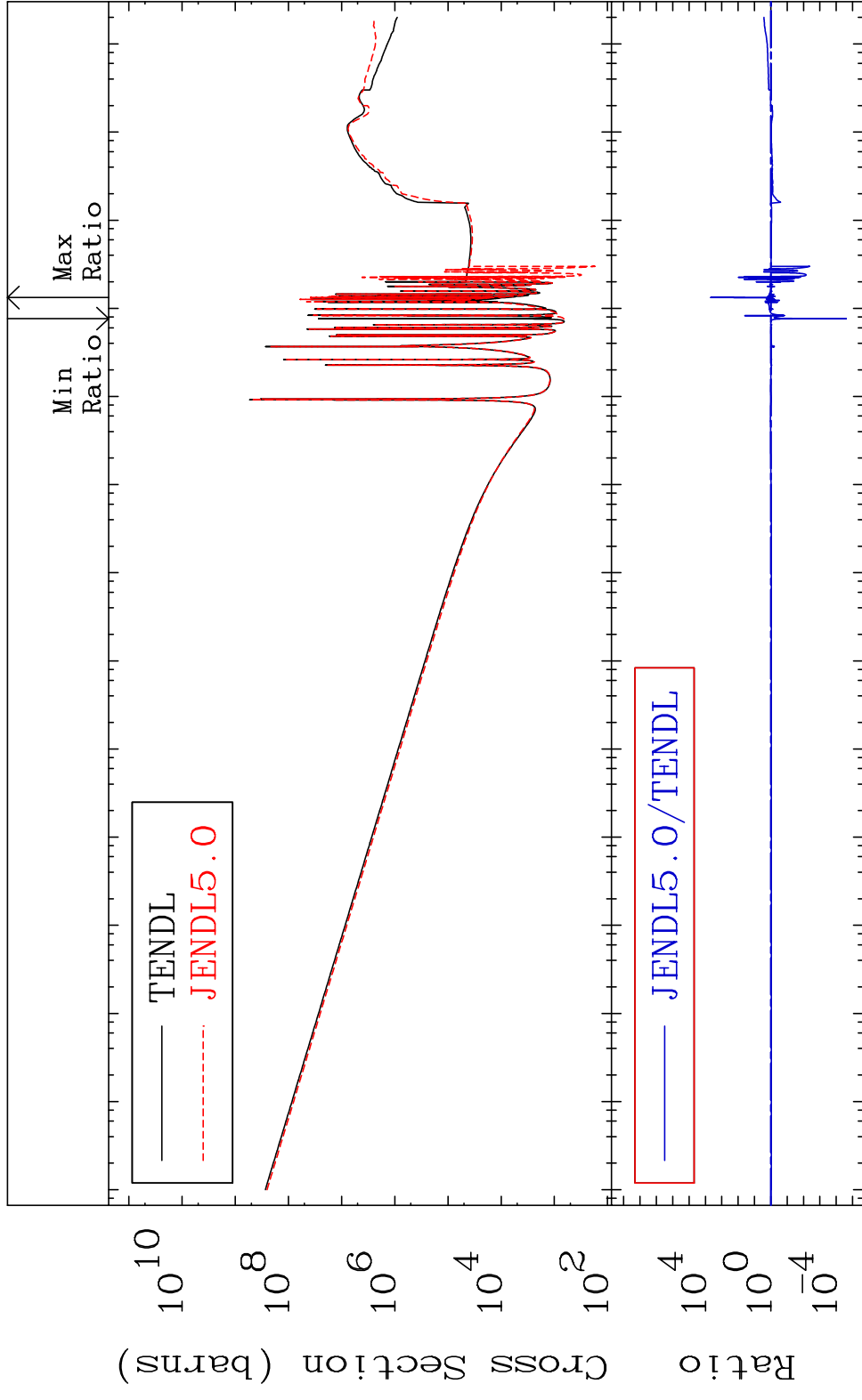


MAT 2031 Kerma capture (mt102) 20-Ca-42  
 Cross Section -100.0 To 9999. %



38 Incident Energy (eV) 20-Ca-42

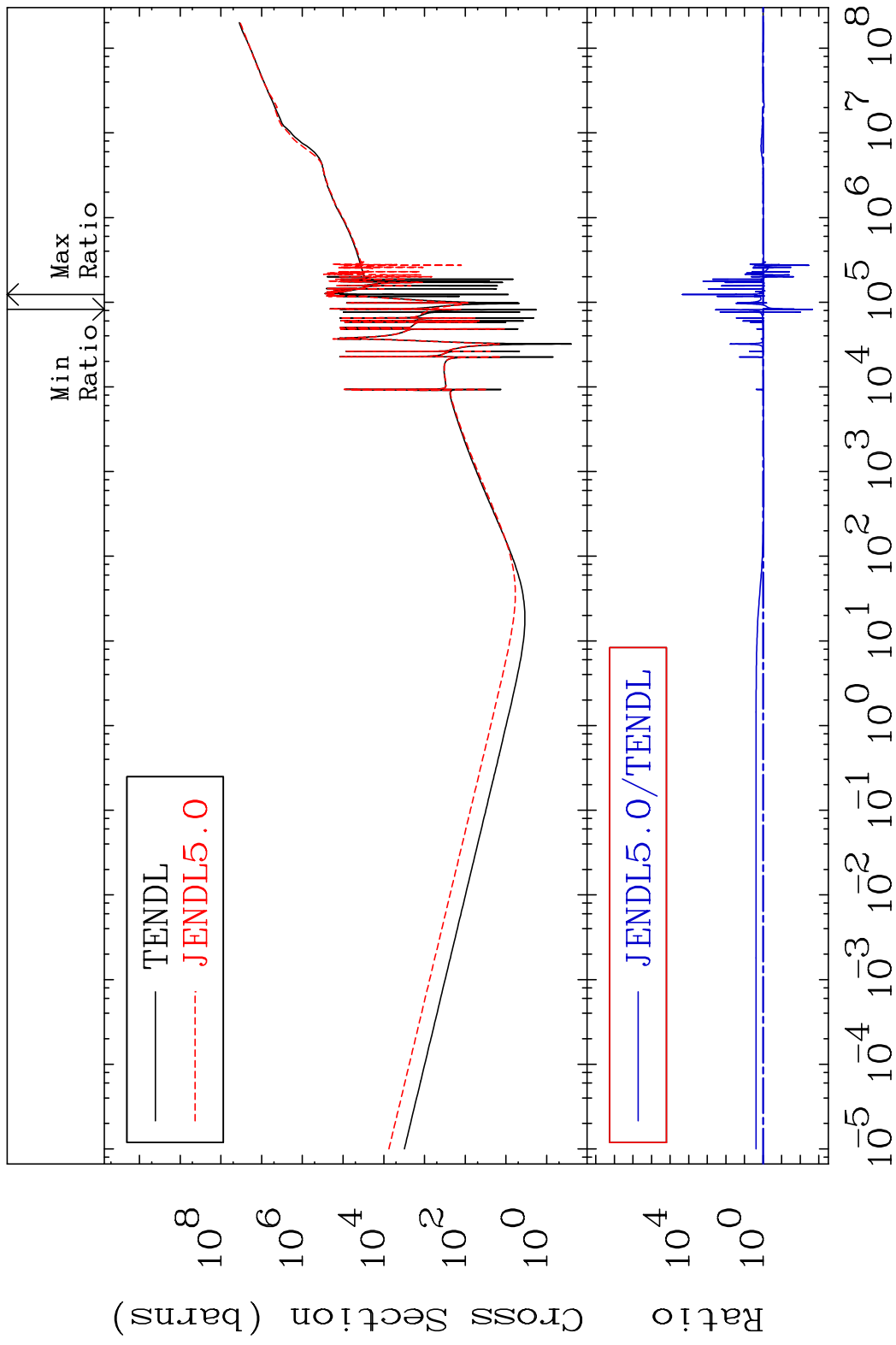
MAT 2031 Total photon (eV-barns) 20-Ca-42  
Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 20-Ca-42

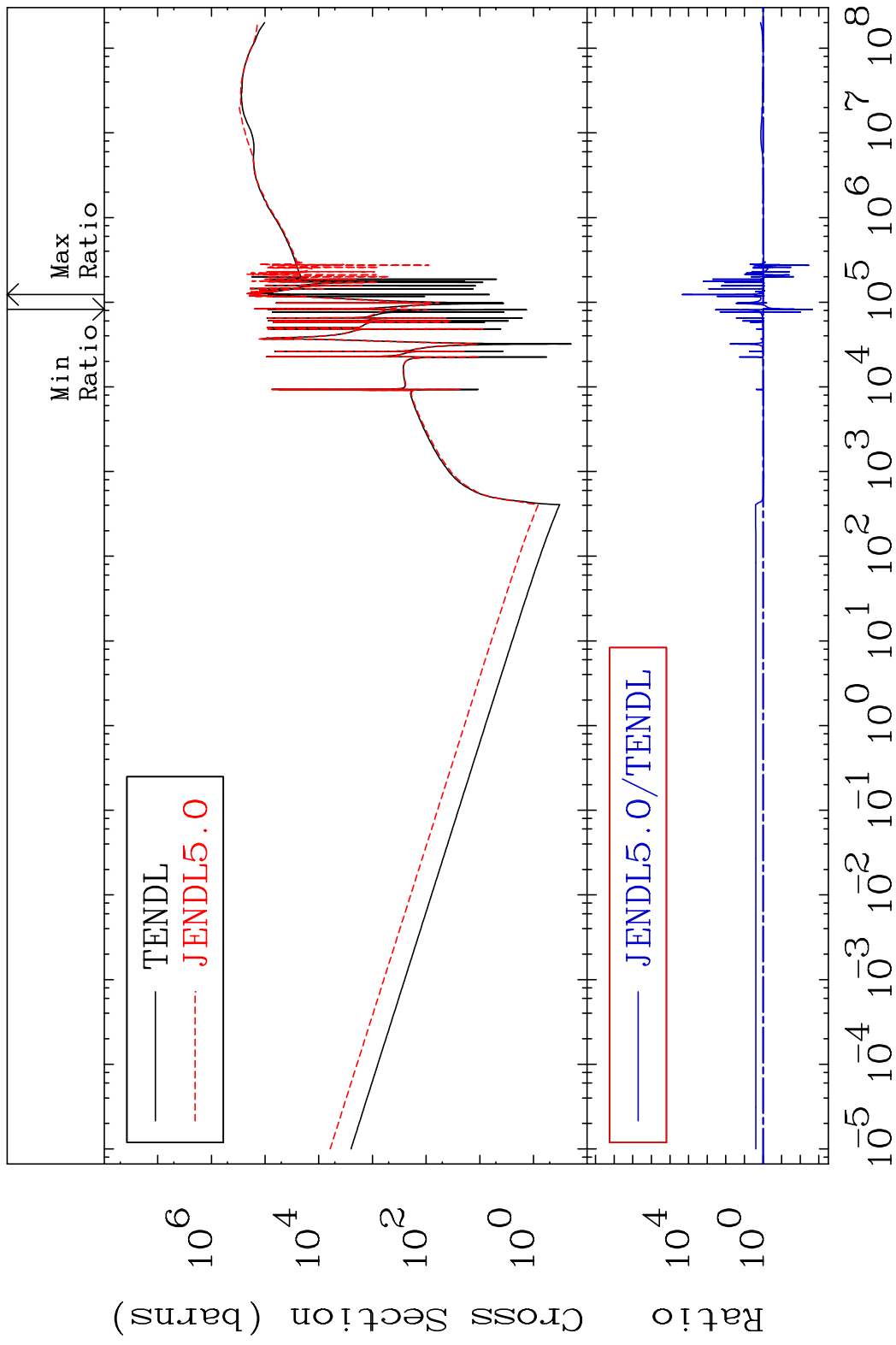


MAT 2031 Total kinematic kerma (high limit) 20-Ca-42  
Cross Section -99.78 To 9999. %



40 Incident Energy (eV) 20-Ca-42

MAT 2031 Dpa total (eV-barns) 20-Ca-42  
 Cross Section -99.78 To 9999. %



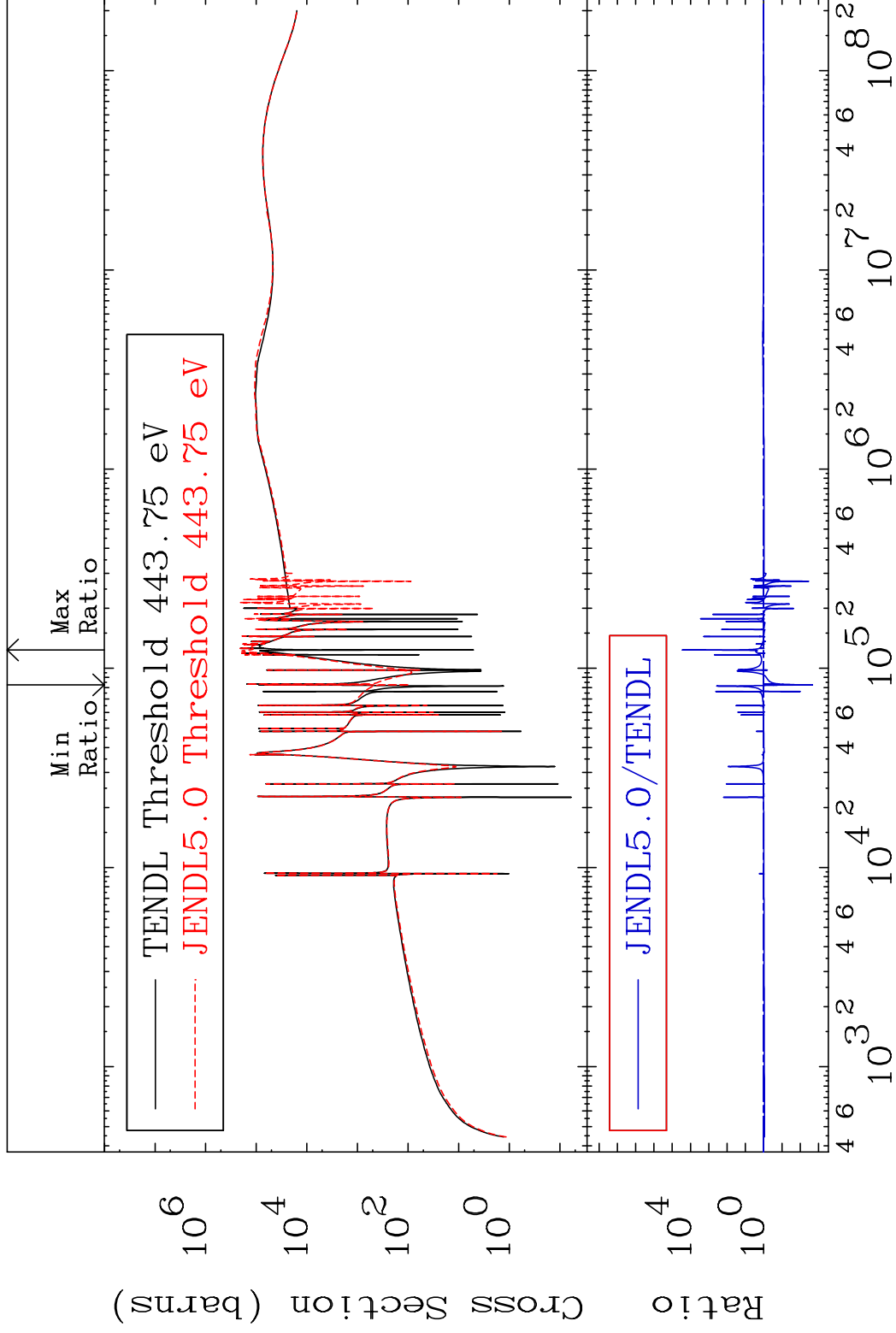
41 Incident Energy (eV) 20-Ca-42

MAT 2031

Dpa elastic (mt2)

20-Ca-42

Cross Section -99.79 To 9999. %

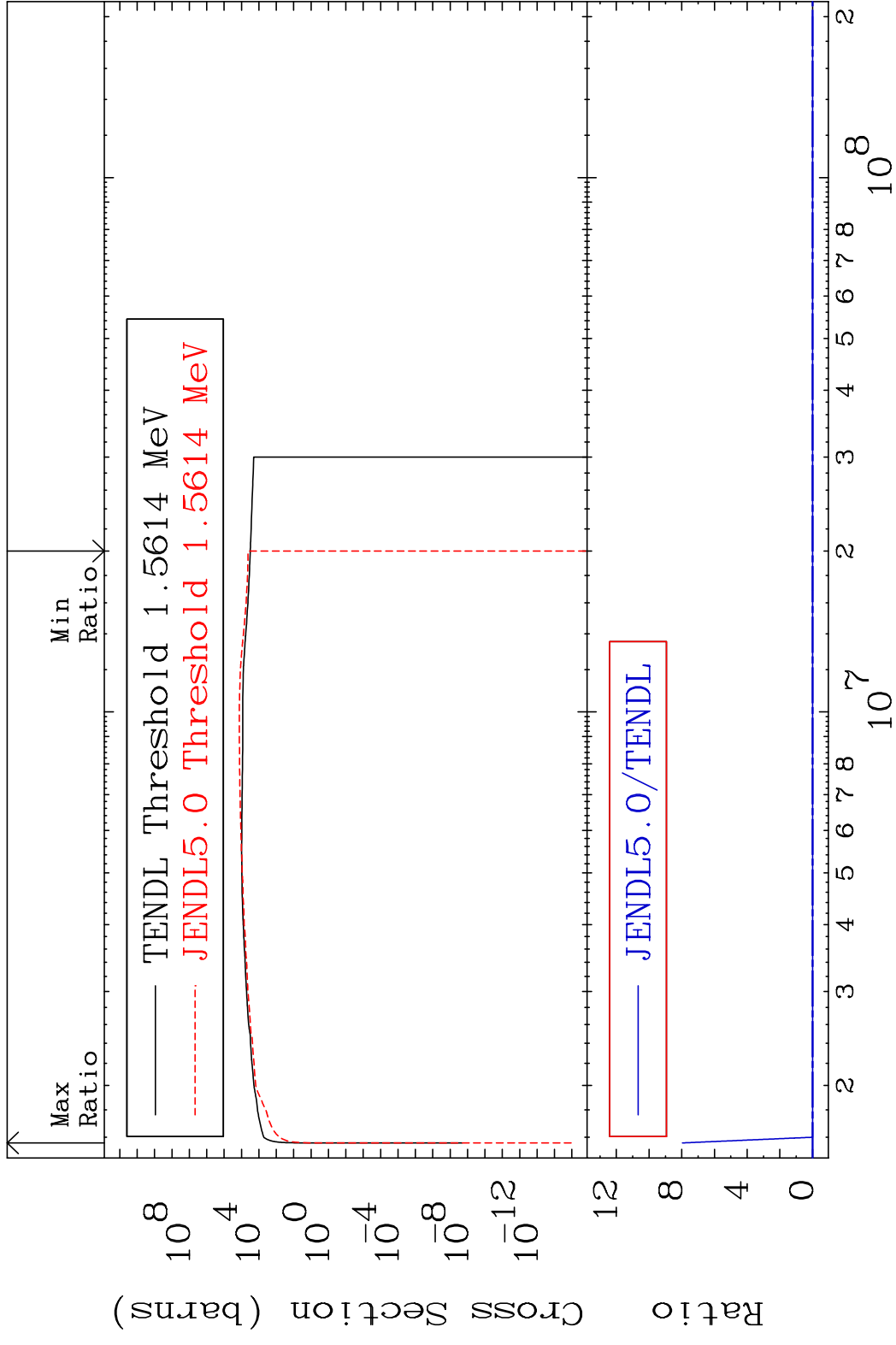


42

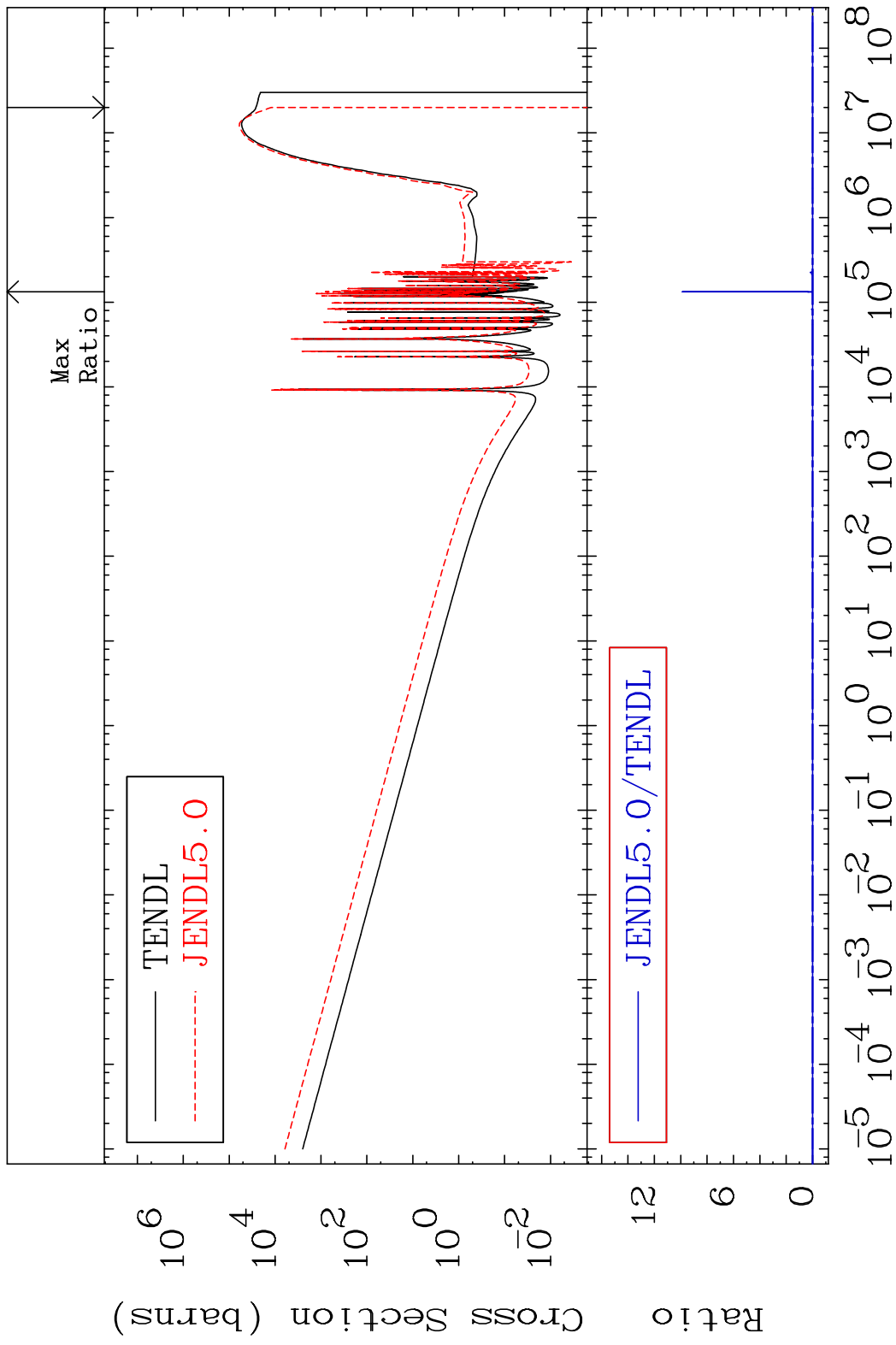
Incident Energy (eV)

20-Ca-42

MAT 2031 Dpa inelastic (mt51-91) 20-Ca-42  
 Cross Section -100.0 To 9999. %



MAT 2031 Dpa disappearance (mt102 -120) 20-Ca-42  
 Cross Section -100.0 To 9999. %

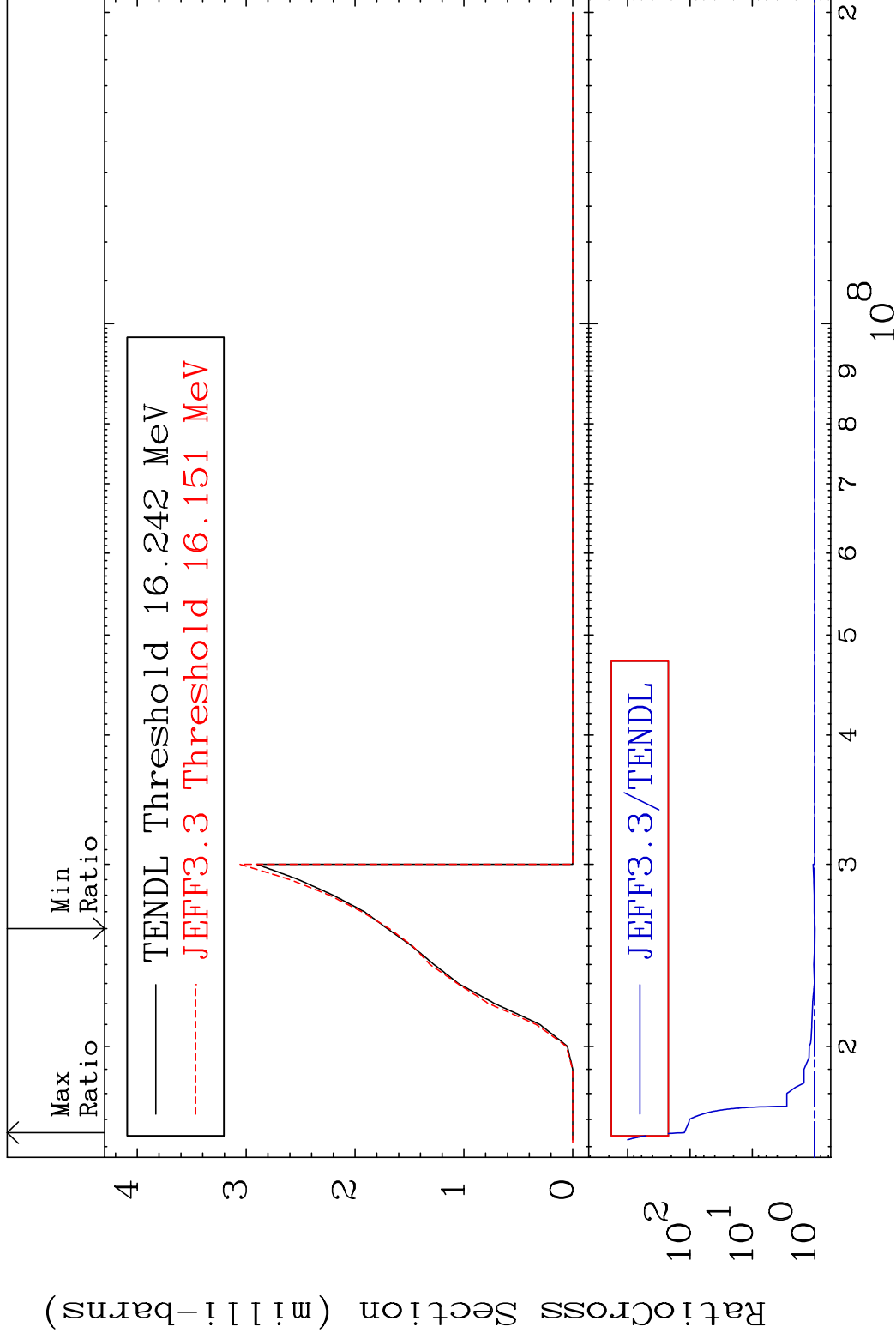


MAT 2031

(n,p) d

20-Ca-42

Cross Section -0.989 To 9999. %



45

Incident Energy (eV)

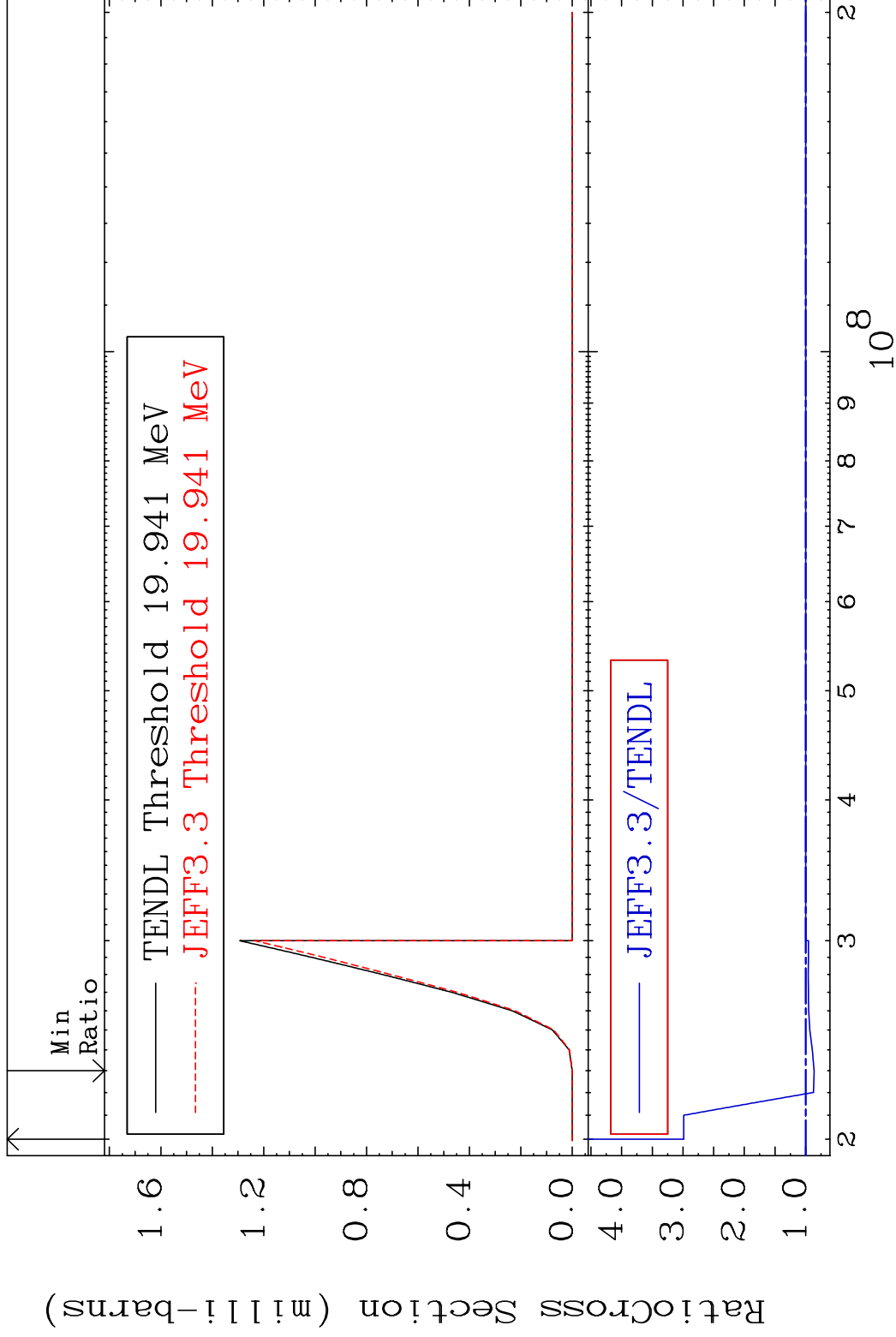
20-Ca-42

MAT 2031

(n,p) t

20-Ca-42

Cross Section -13.74 To 198.9 %



46

Incident Energy (eV)

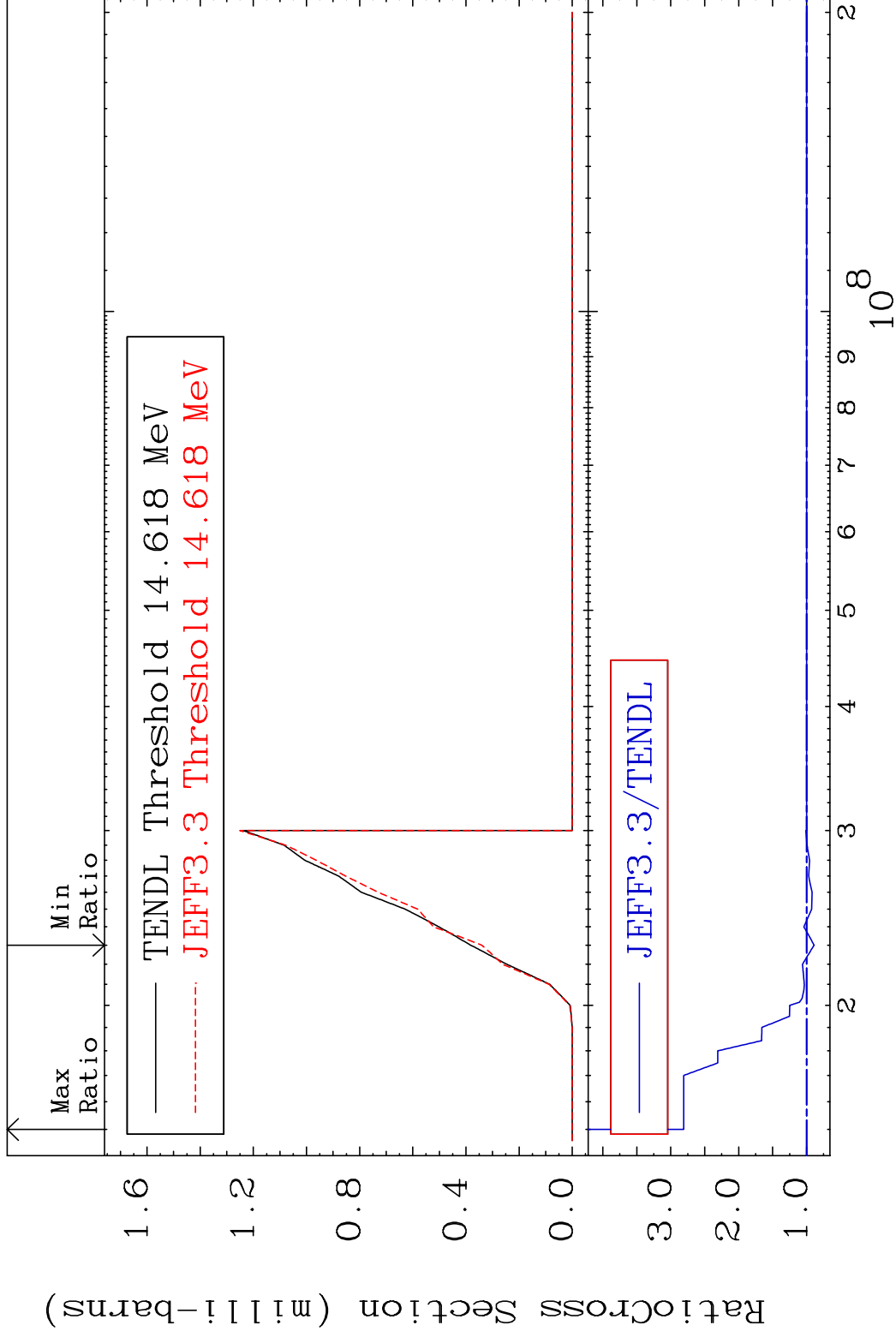
20-Ca-42

MAT 2031

(n,d)  $\alpha$

20-Ca-42

Cross Section -11.03 To 181.0 %



47

Incident Energy (eV)

20-Ca-42

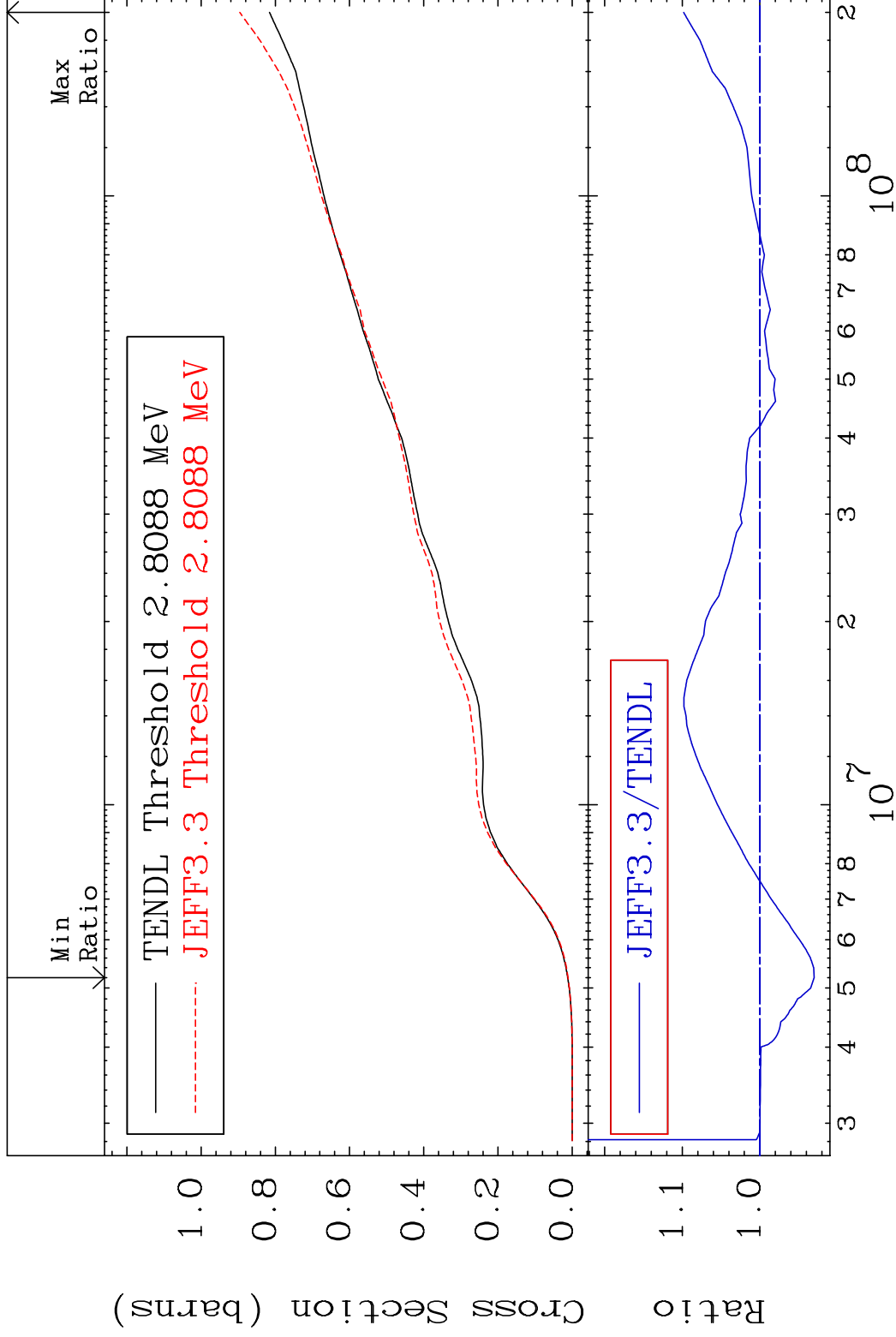


MAT 2031

Hydrogen Production

20-Ca-42

Cross Section -6.995 To 9.825 %

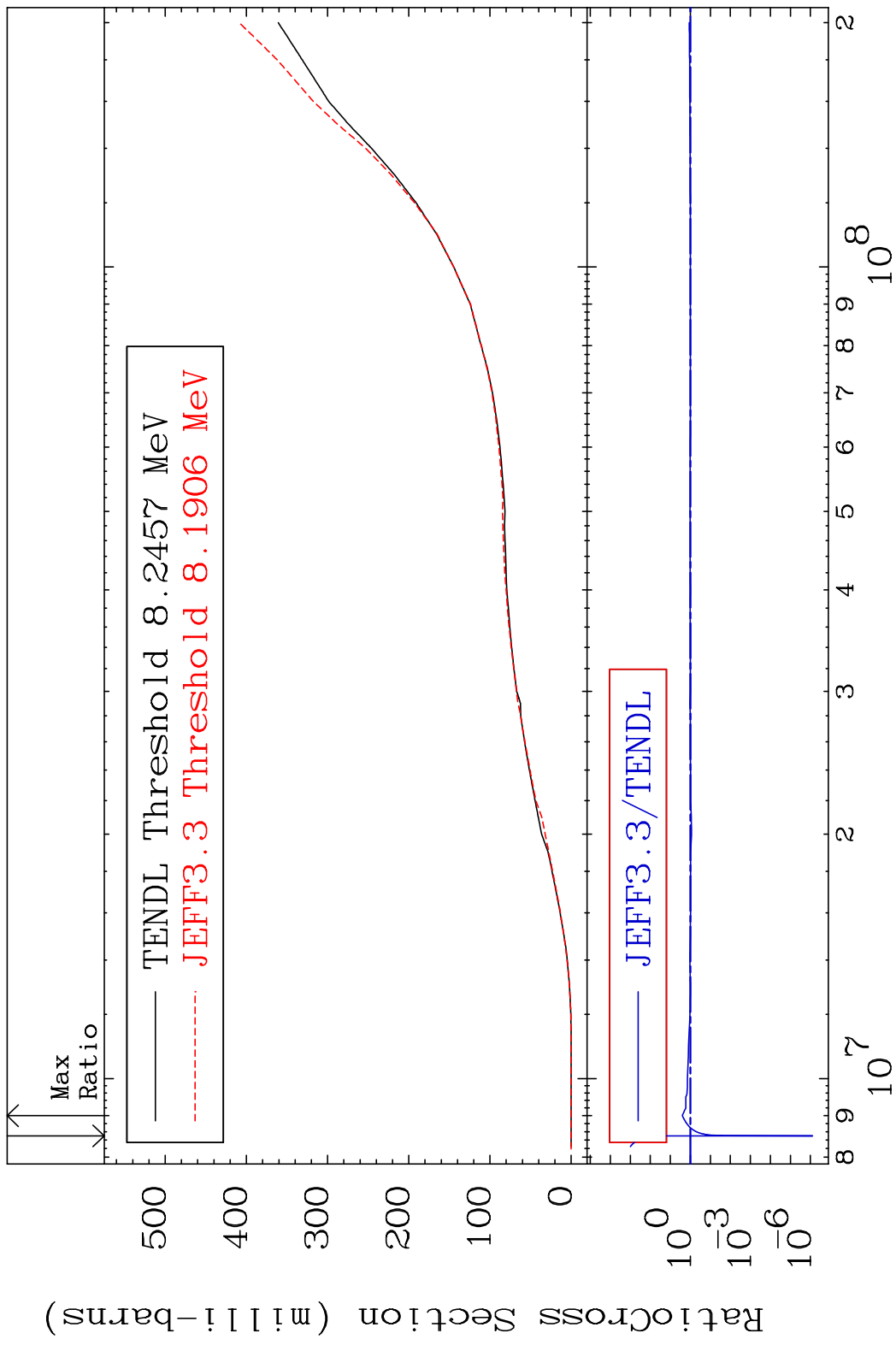


48

Incident Energy (eV)

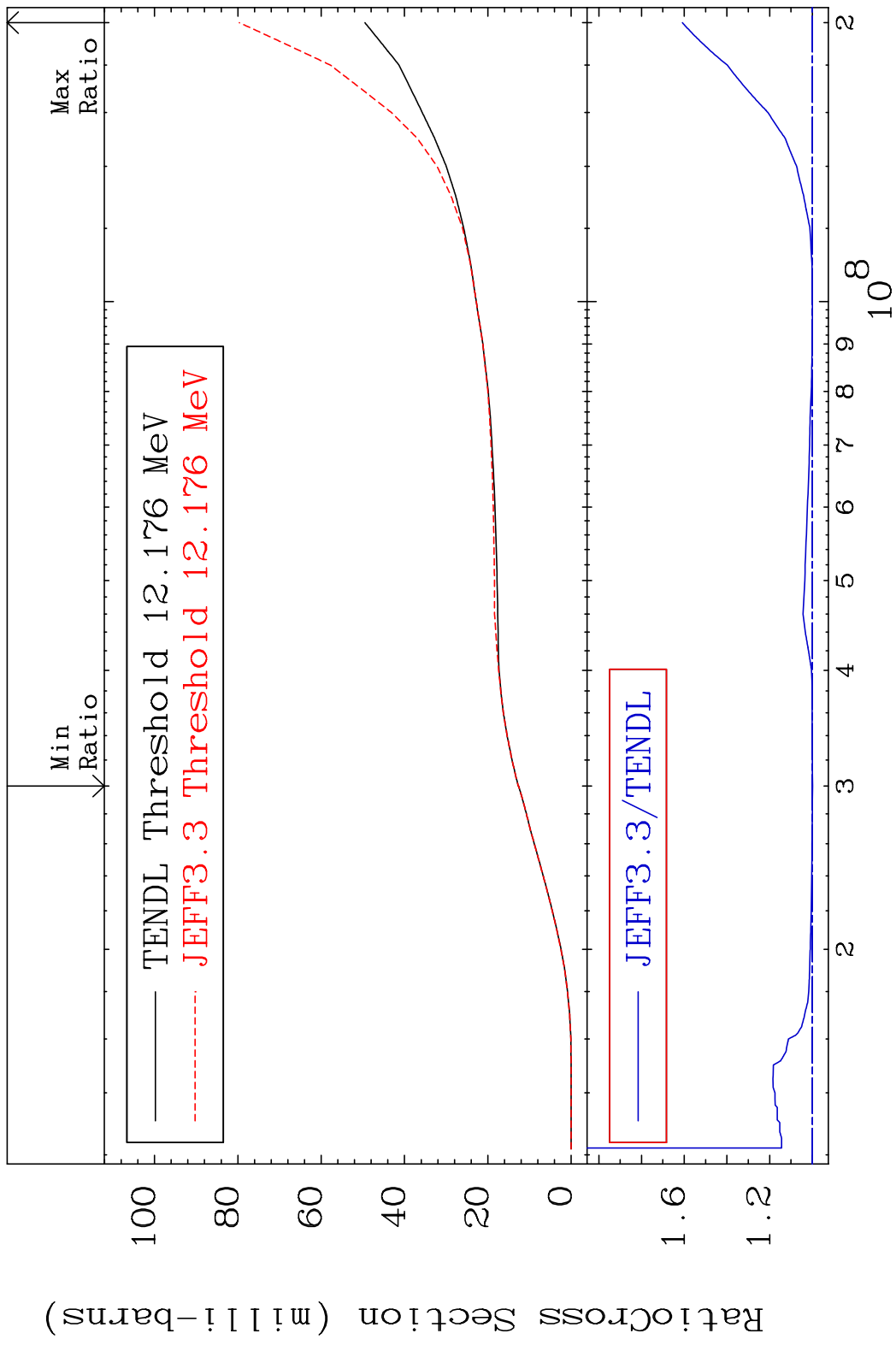
20-Ca-42

MAT 2031 Deuterium Production 20-Ca-42  
 Cross Section -100.0 To 151.3 %



49 Incident Energy (eV) 20-Ca-42

MAT 2031 Tritium Production 20-Ca-42  
 Cross Section -0.094 To 60.88 %



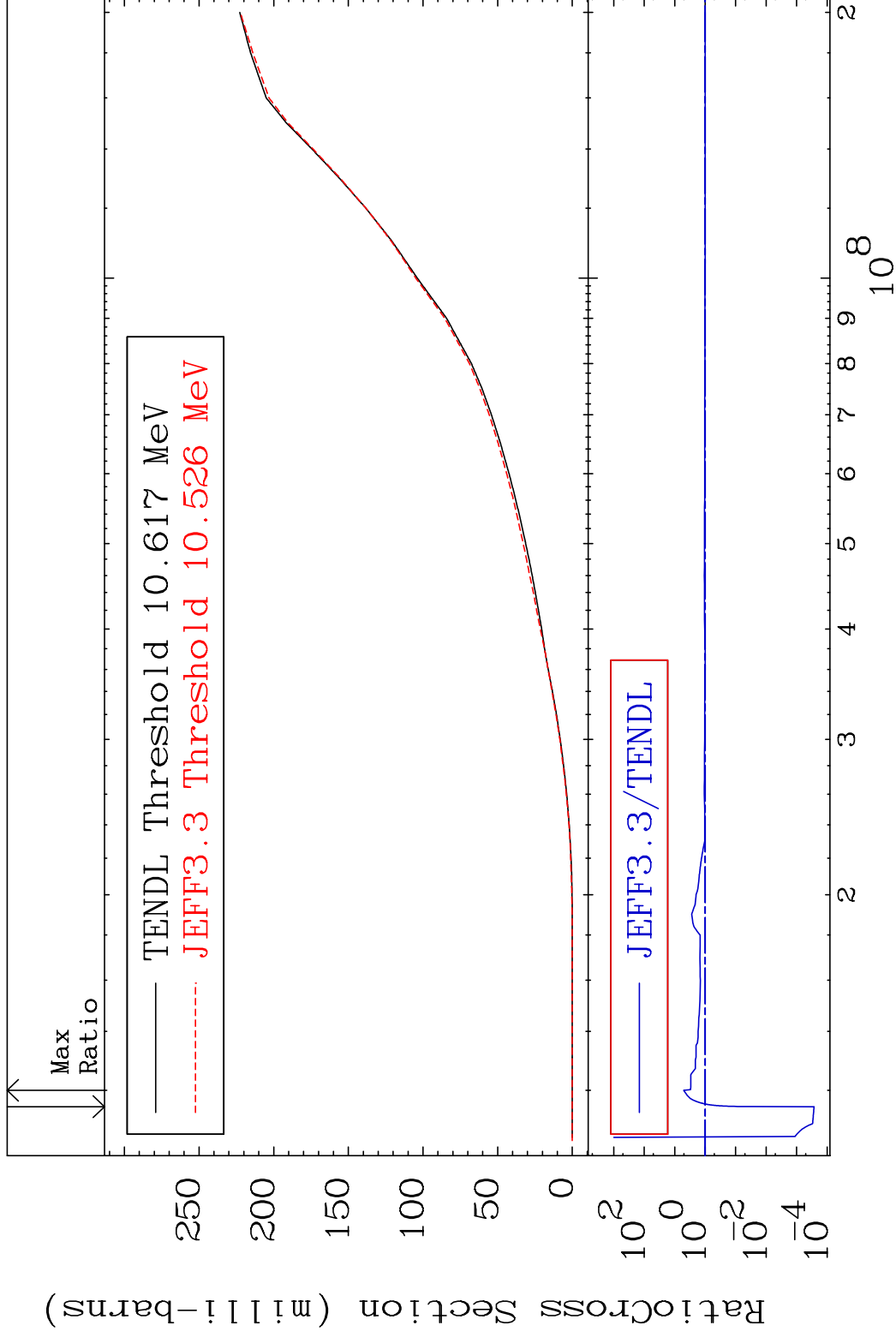
50 20-Ca-42

MAT 2031

He-3 Production

20-Ca-42

Cross Section -99.97 To 407.2 %



51

Incident Energy (eV)

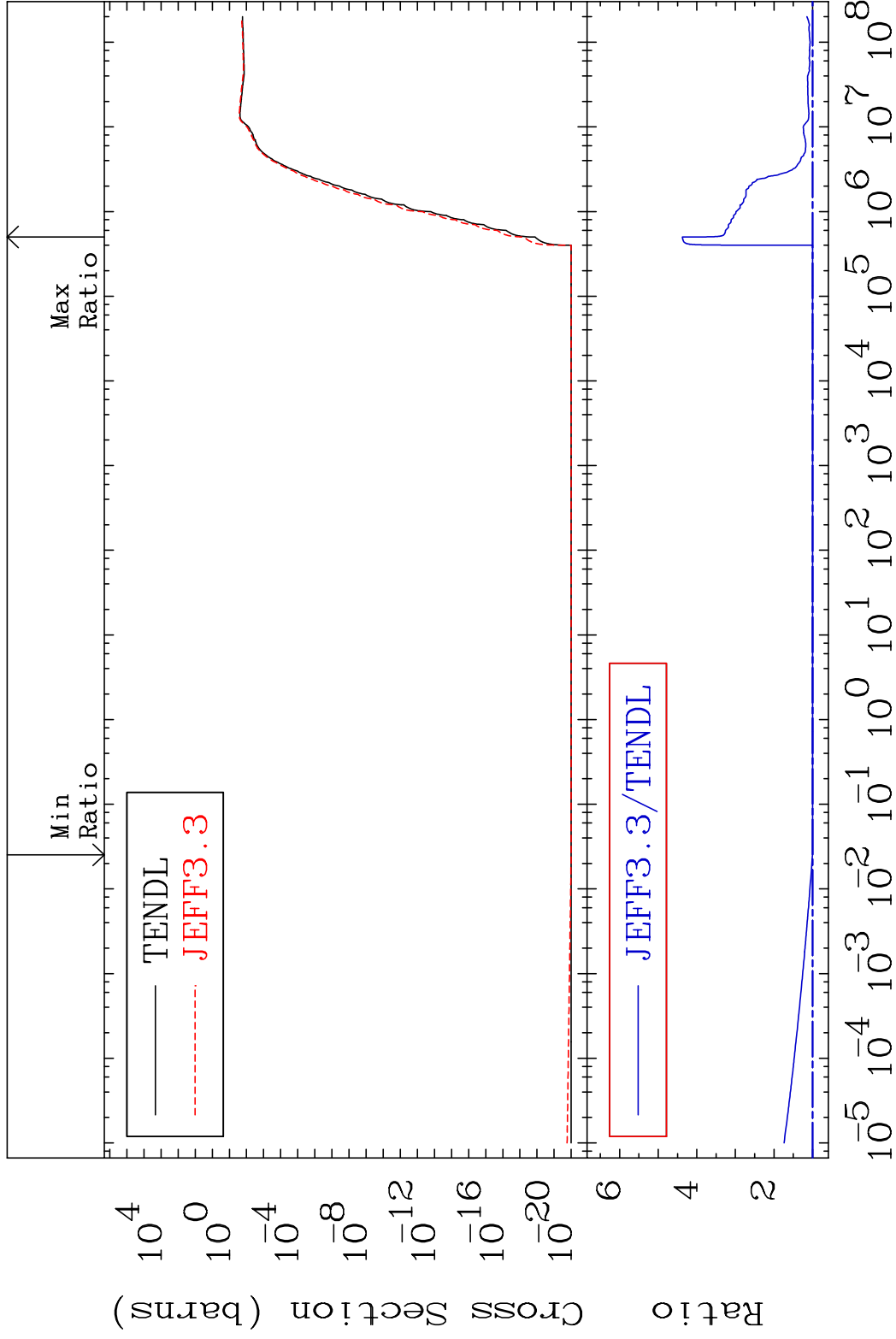
20-Ca-42

MAT 2031

He-4 Production

20-Ca-42

Cross Section 0.000 To 337.4 %

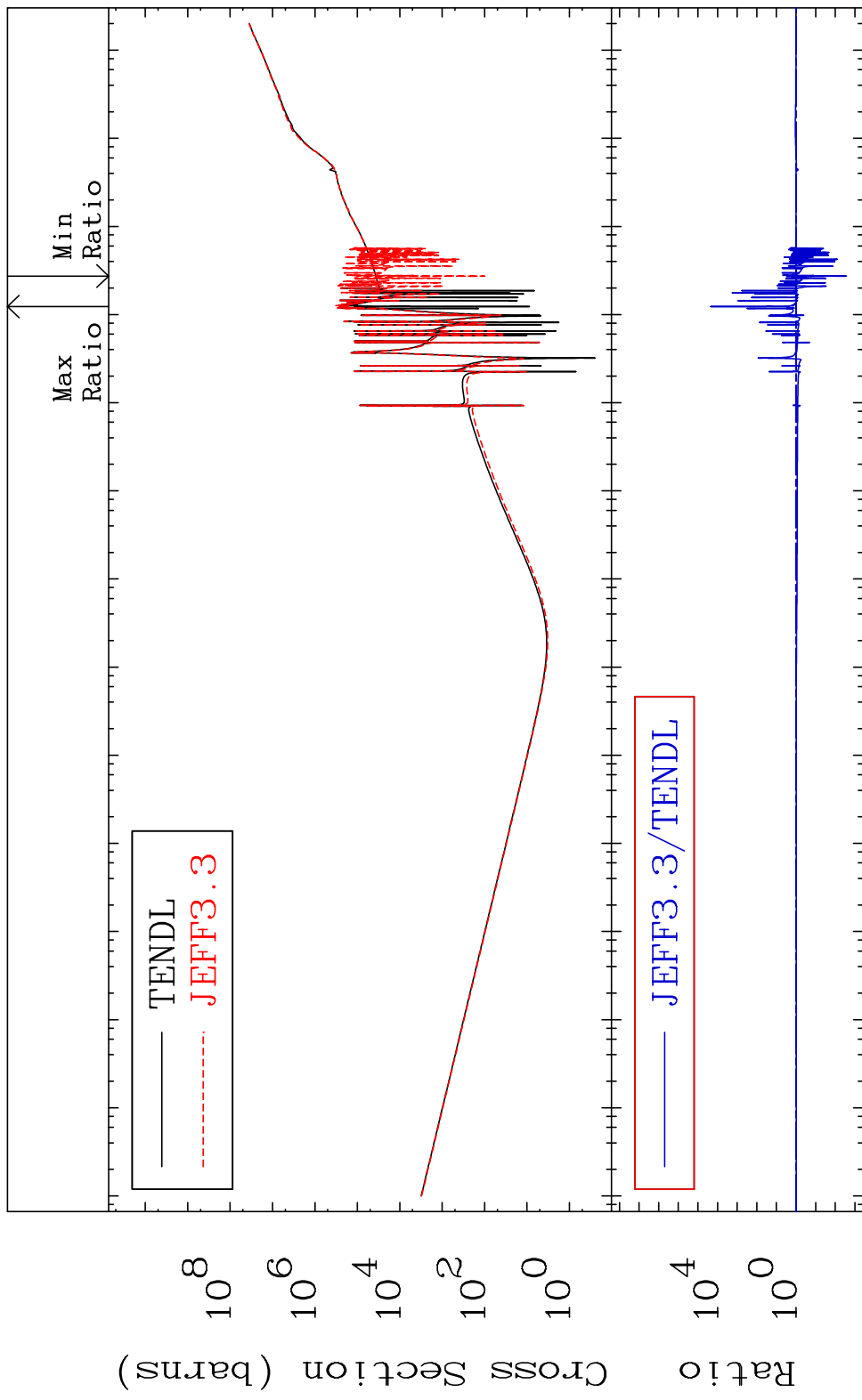


52

Incident Energy (eV)

20-Ca-42

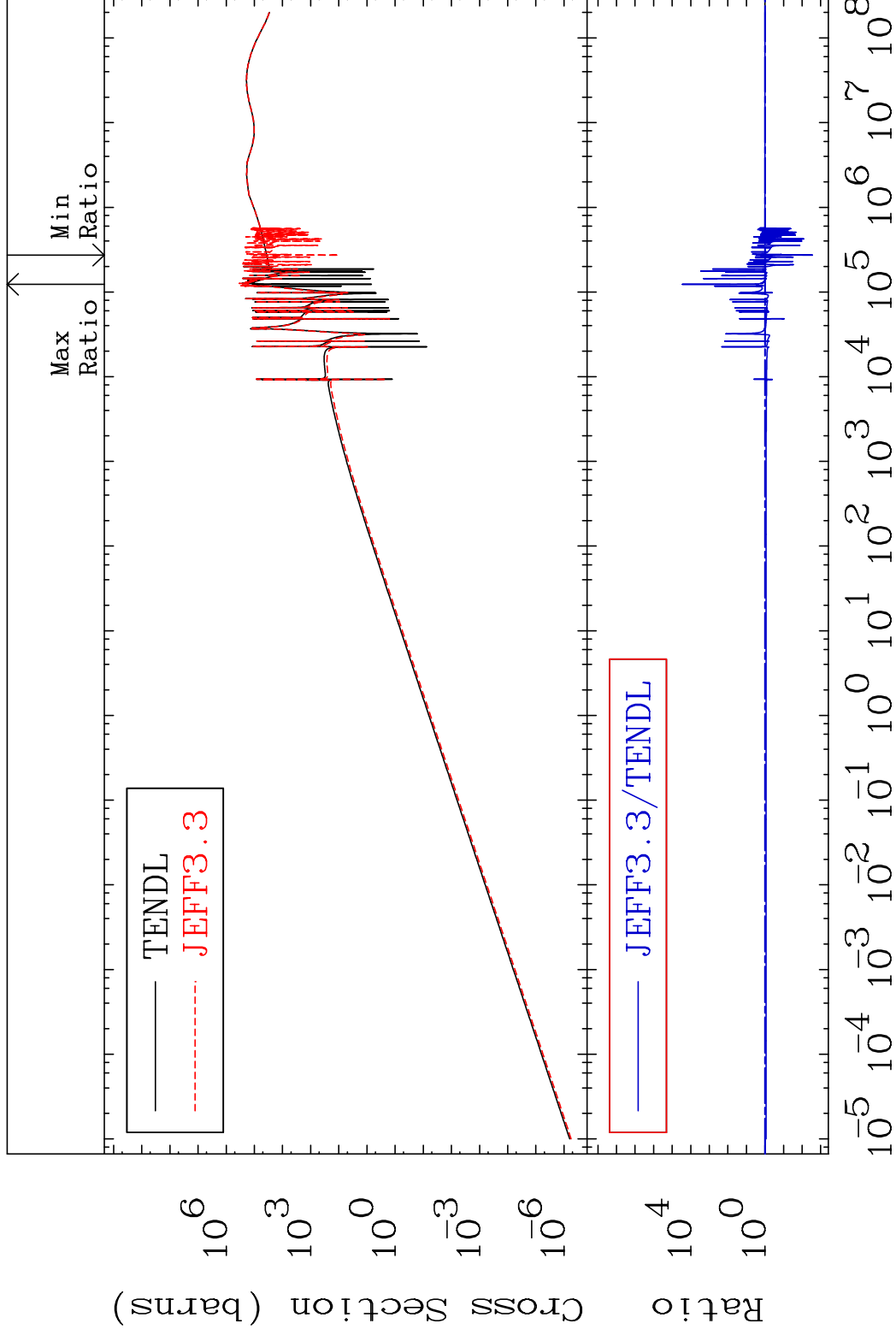
MAT 2031 Kerma total (eV-barns) 20-Ca-42  
 Cross Section -99.73 To 9999. %



MAT 2031

Kerma elastic  
Cross Section

20-Ca-42  
-99.73 To 9999. %

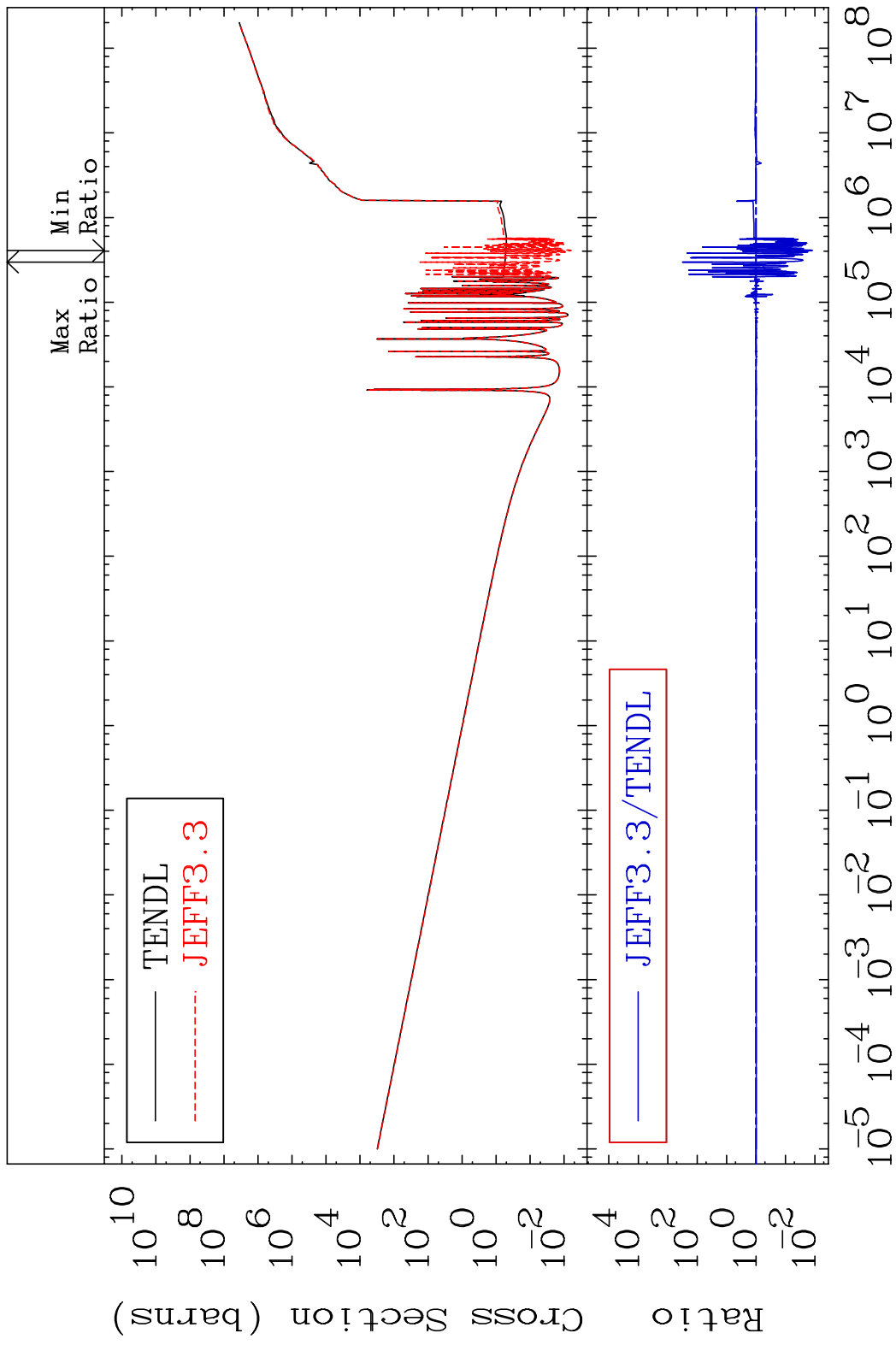


54

Incident Energy (eV)

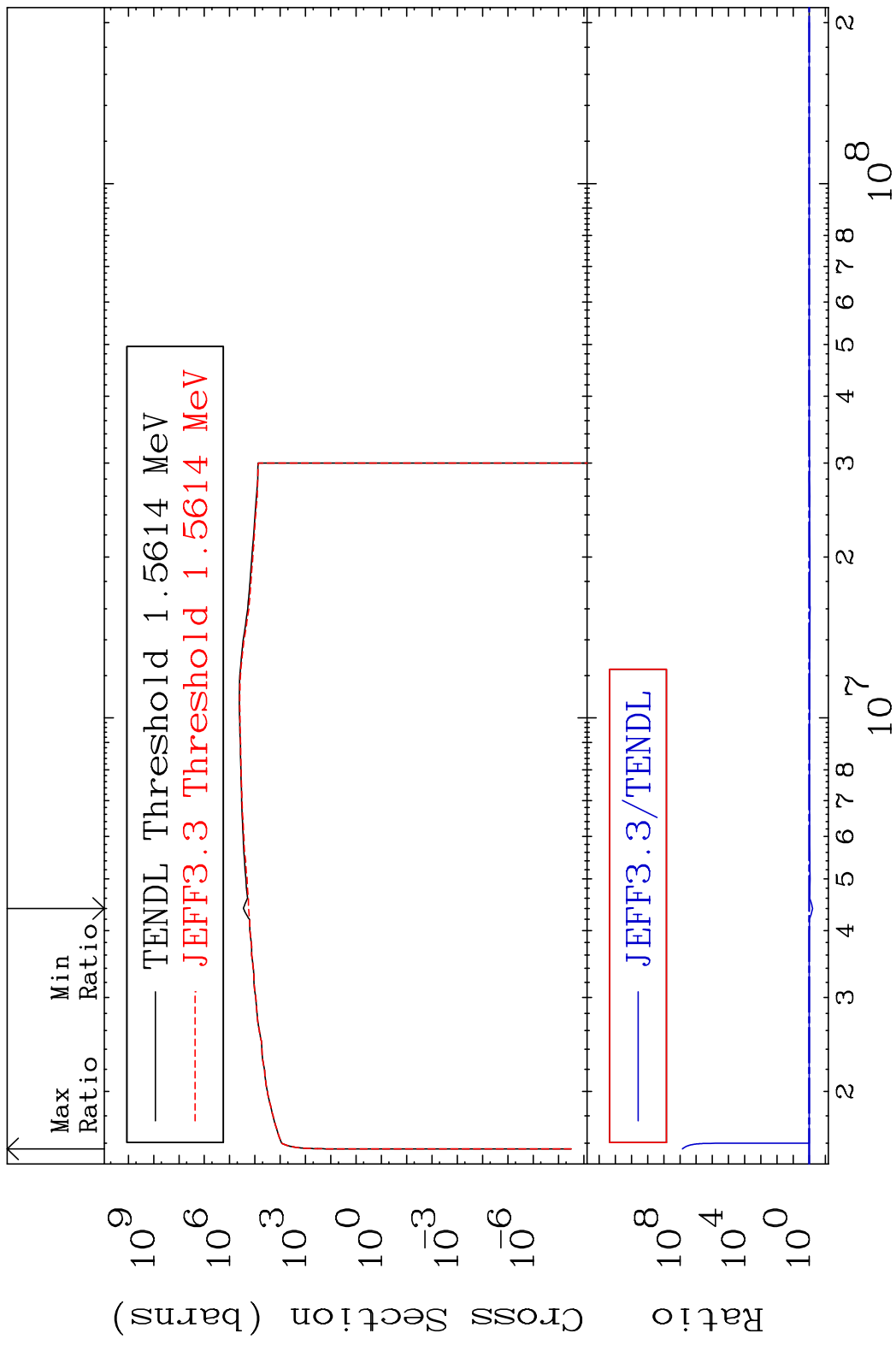
20-Ca-42

MAT 2031 Kerma non-elastic (all but mt2) 20-Ca-42  
 Cross Section -98.79 To 9999. %

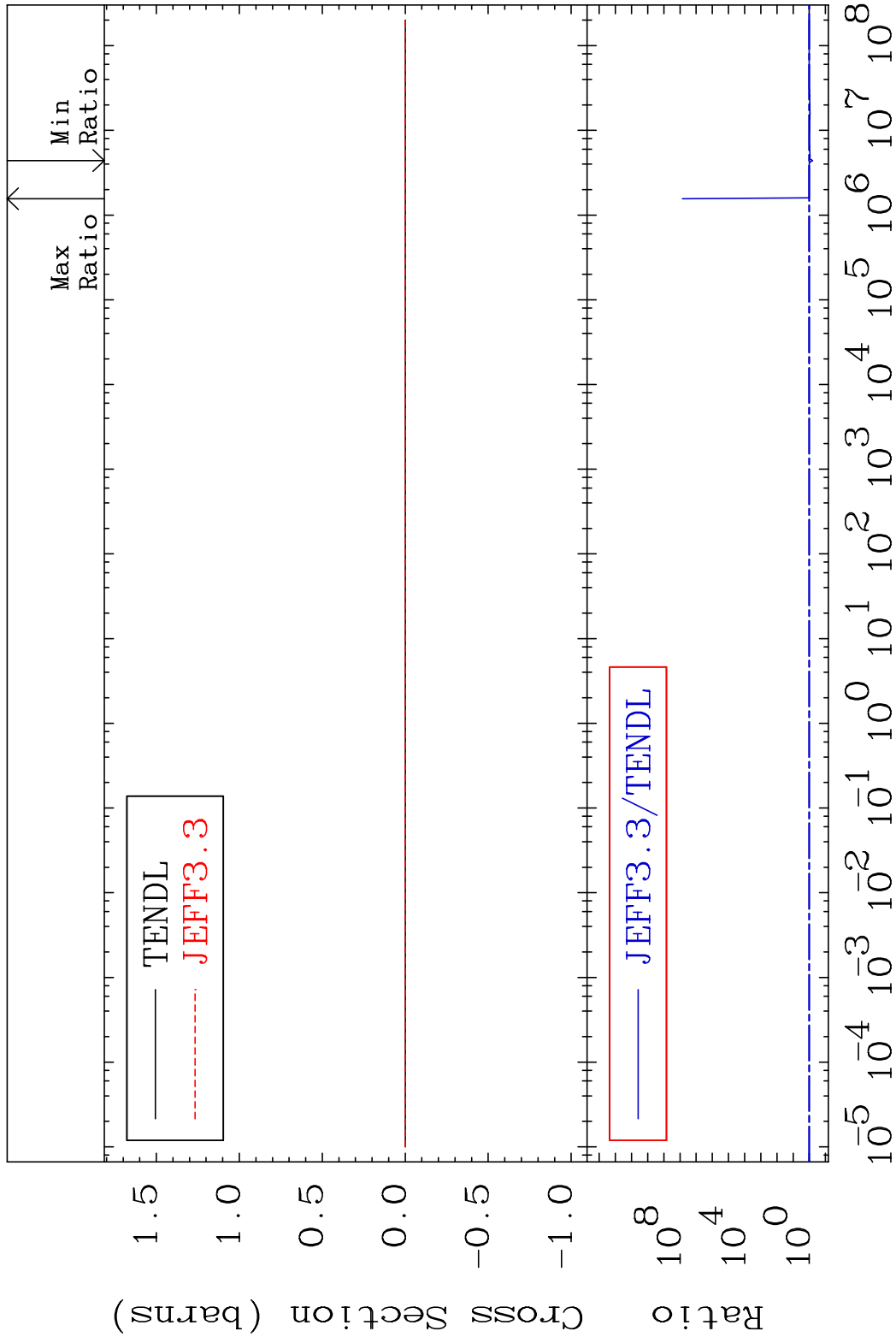




MAT 2031 Kerma inelastic (mt51-91) 20-Ca-42  
 Cross Section -37.38 To 9999. %



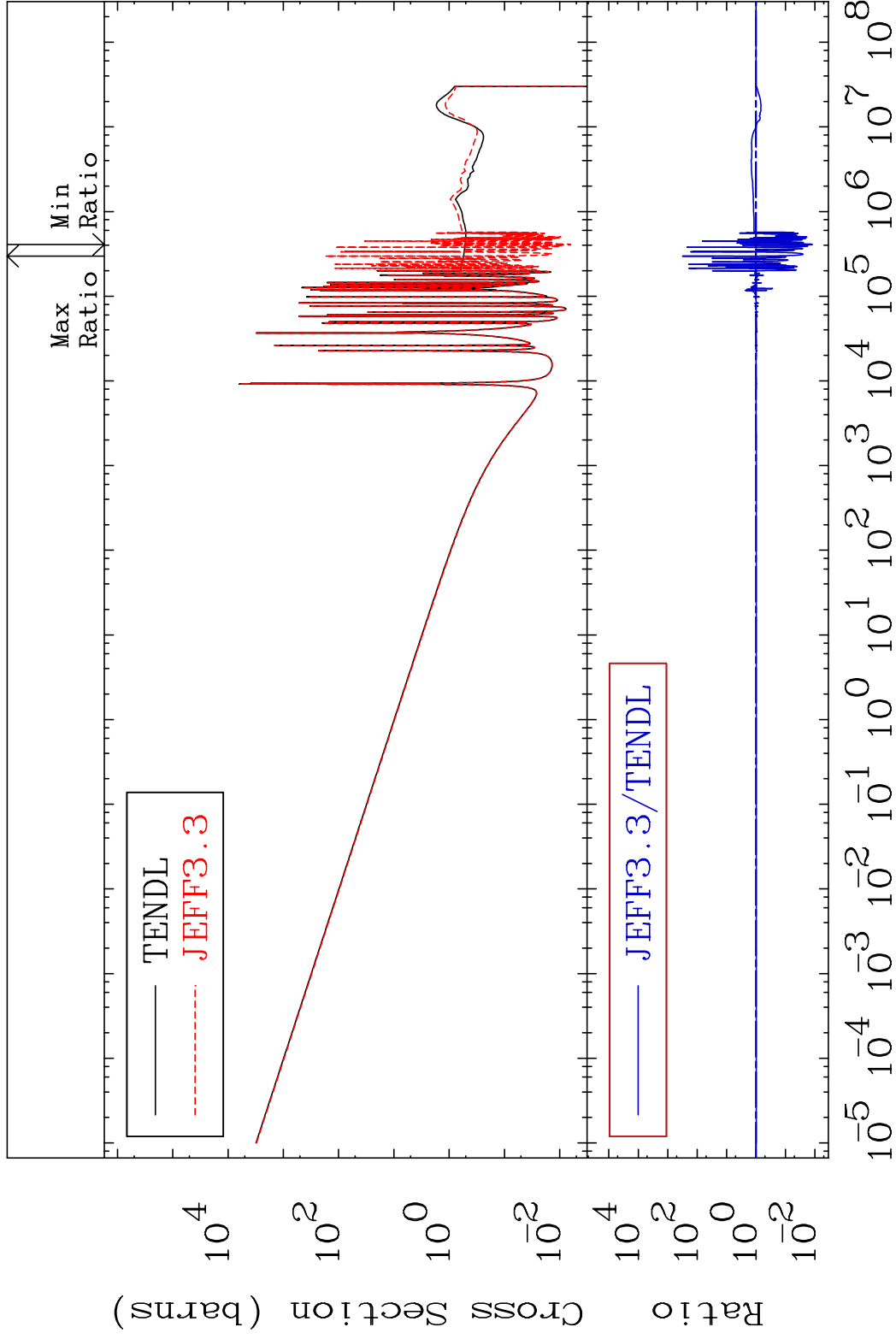
MAT 2031 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-42  
 Cross Section -37.38 To 9999. %



MAT 2031

Kerma capture (mt102) 20-Ca-42

Cross Section -98.79 To 9999. %

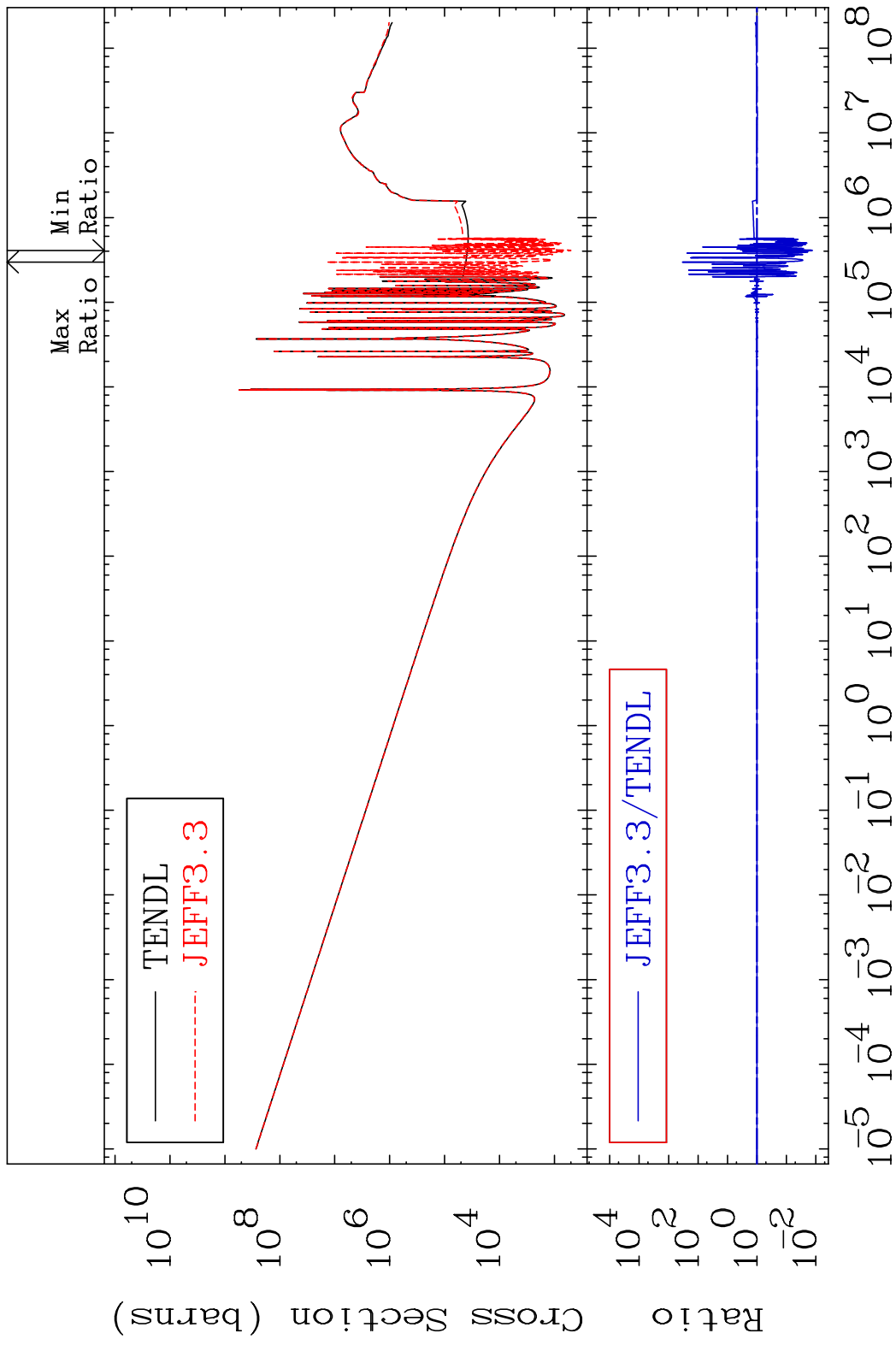


58

Incident Energy (eV)

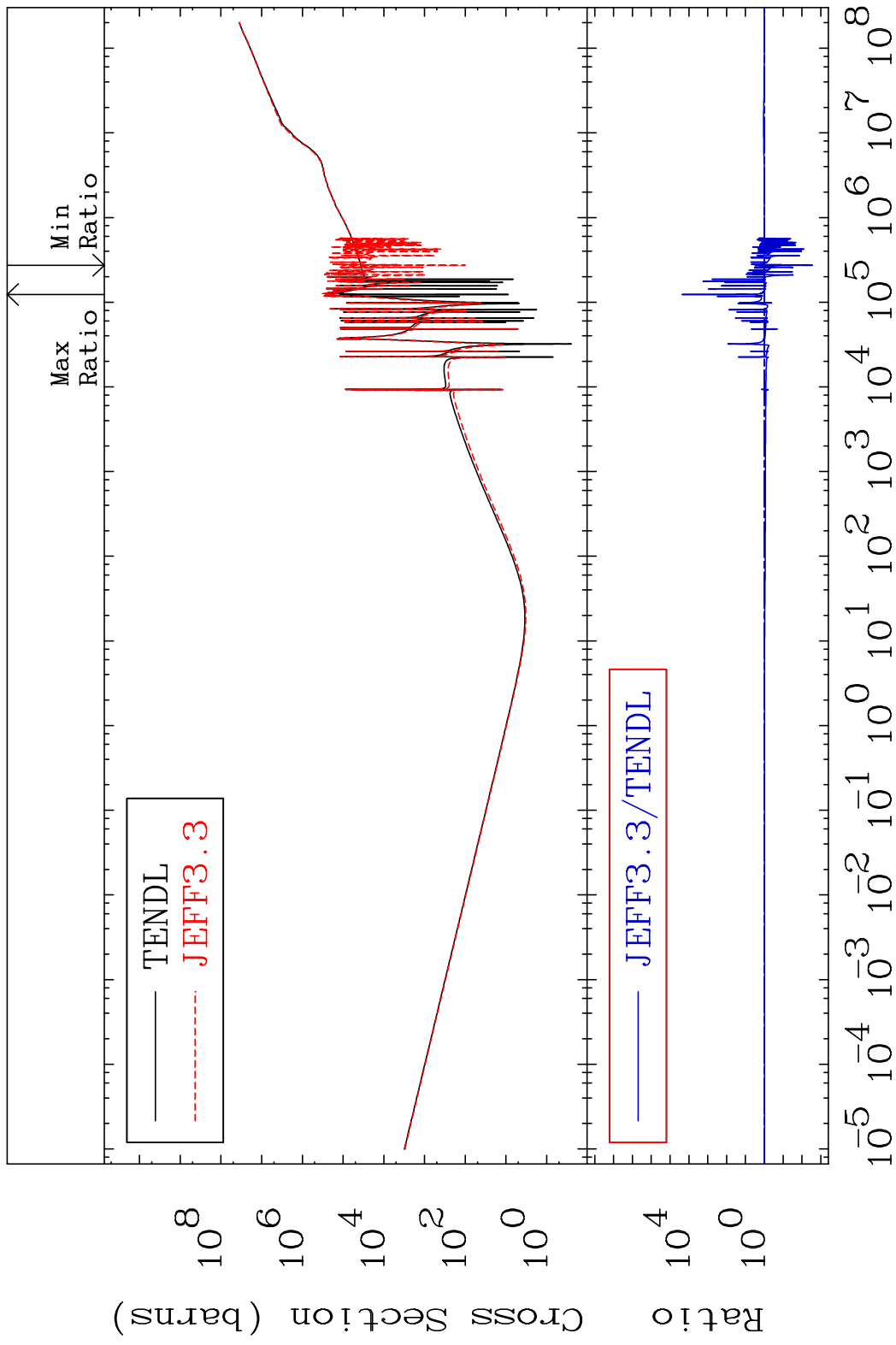
20-Ca-42

MAT 2031 Total photon (eV-barns) 20-Ca-42  
Cross Section -98.71 To 9999. %



59 Incident Energy (eV) 20-Ca-42

MAT 2031 Total kinematic kerma (high limit) 20-Ca-42  
 Cross Section -99.73 To 9999. %

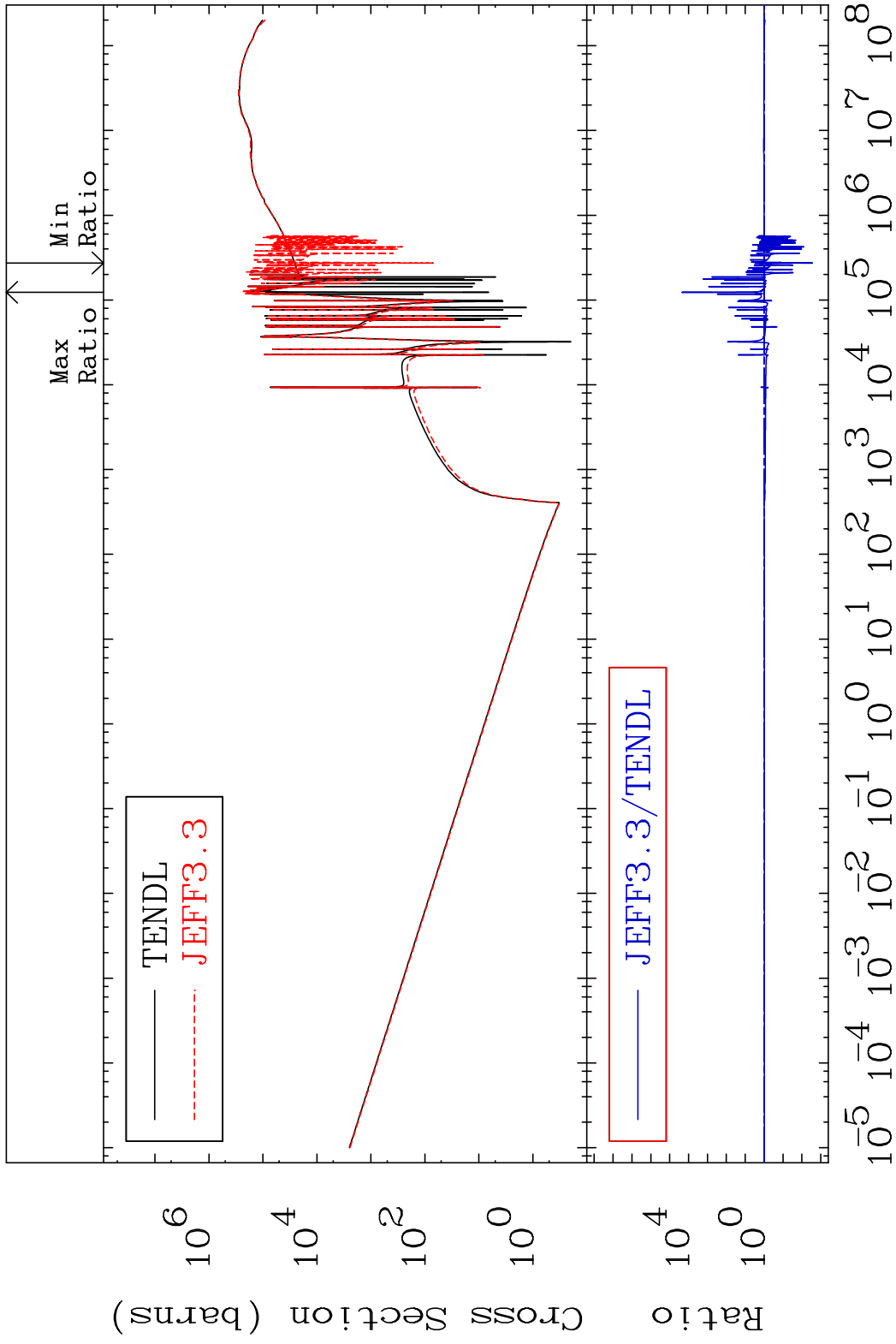


MAT 2031

Dpa total (eV-barns)

20-Ca-42

Cross Section -99.73 To 9999. %



61

Incident Energy (eV)

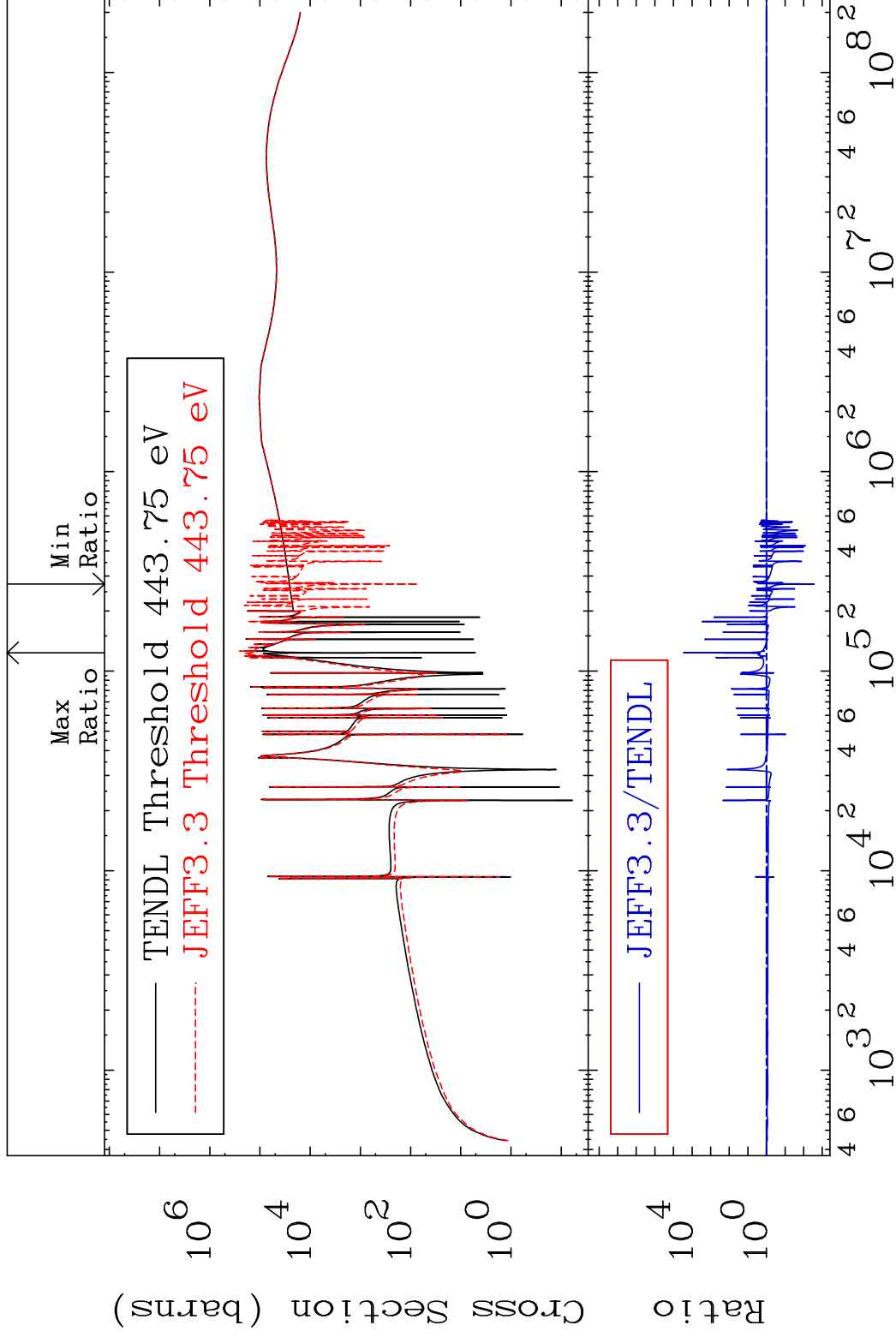
20-Ca-42

MAT 2031

Dpa elastic (mt2)

20-Ca-42

Cross Section -99.73 To 9999. %

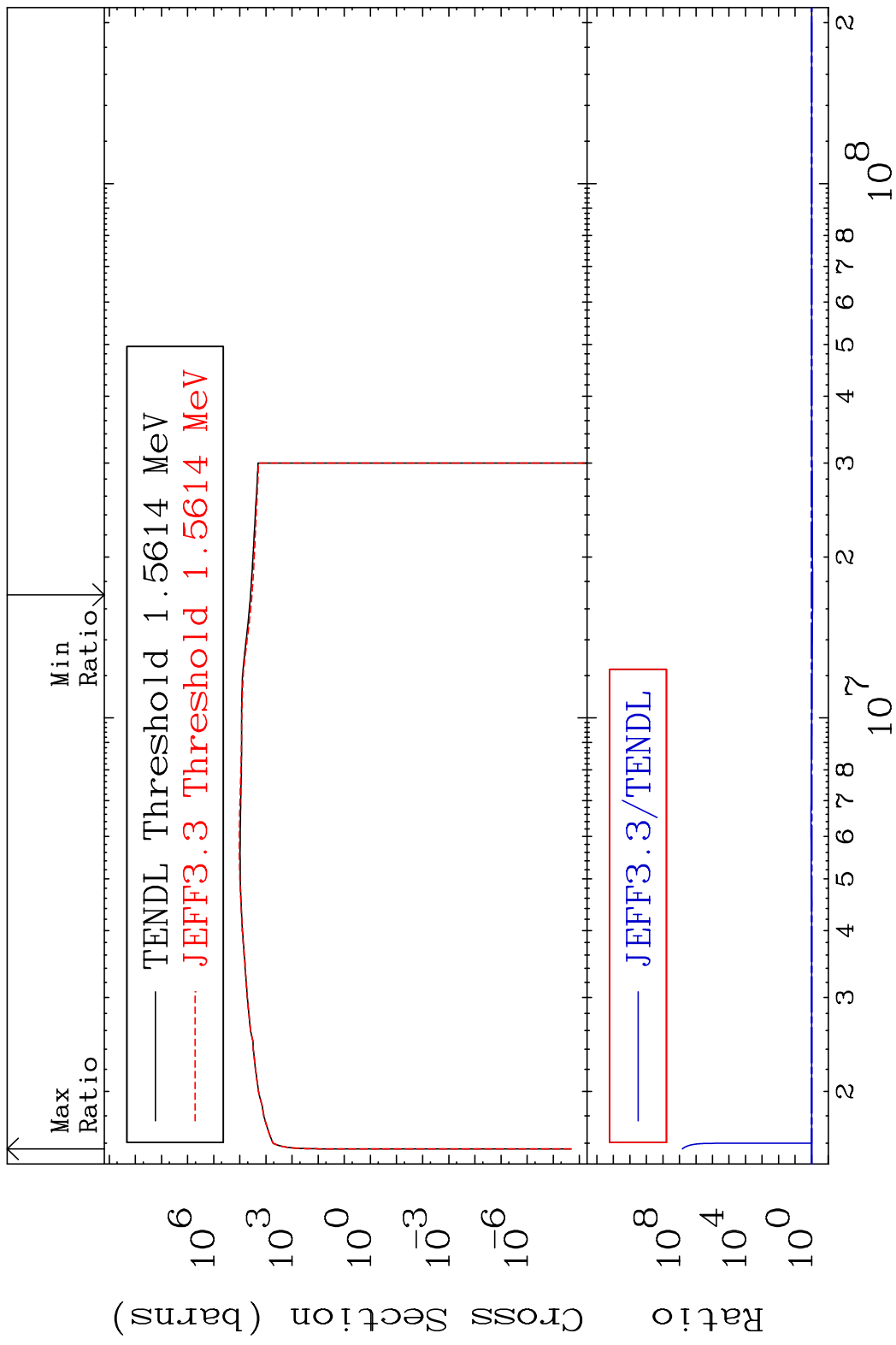


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Incident Energy (eV)

20-Ca-42

MAT 2031 Dpa inelastic (mt51-91) 20-Ca-42  
 Cross Section -11.76 To 9999. %





MAT 2031 Dpa disappearance (mt102 -120) 20-Ca-42  
 Cross Section -98.80 To 9999. %

