

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

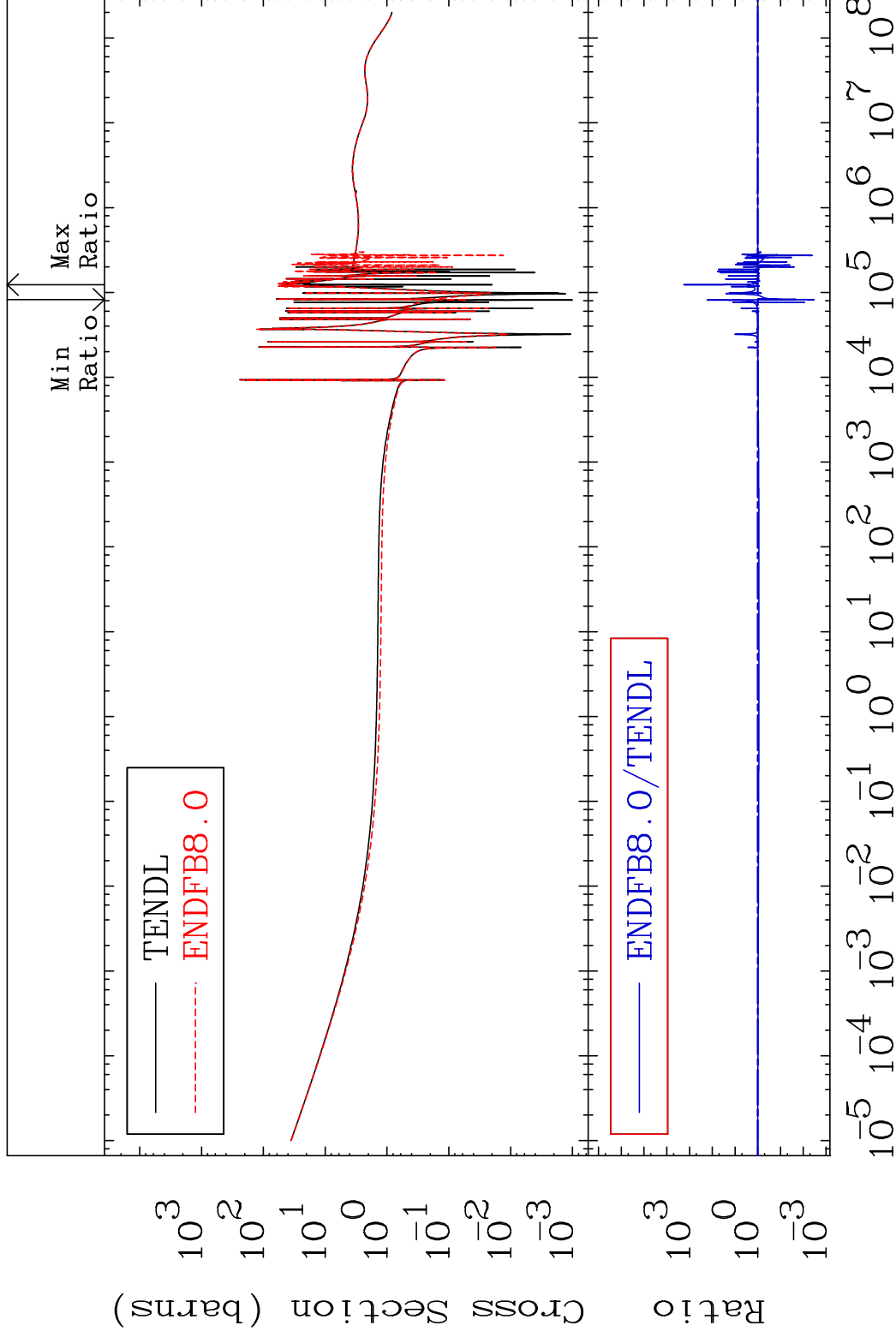
MAT 2031

Total

20-Ca-42

Cross Section

-99.67 To 9999. %



1

Incident Energy (eV)

20-Ca-42

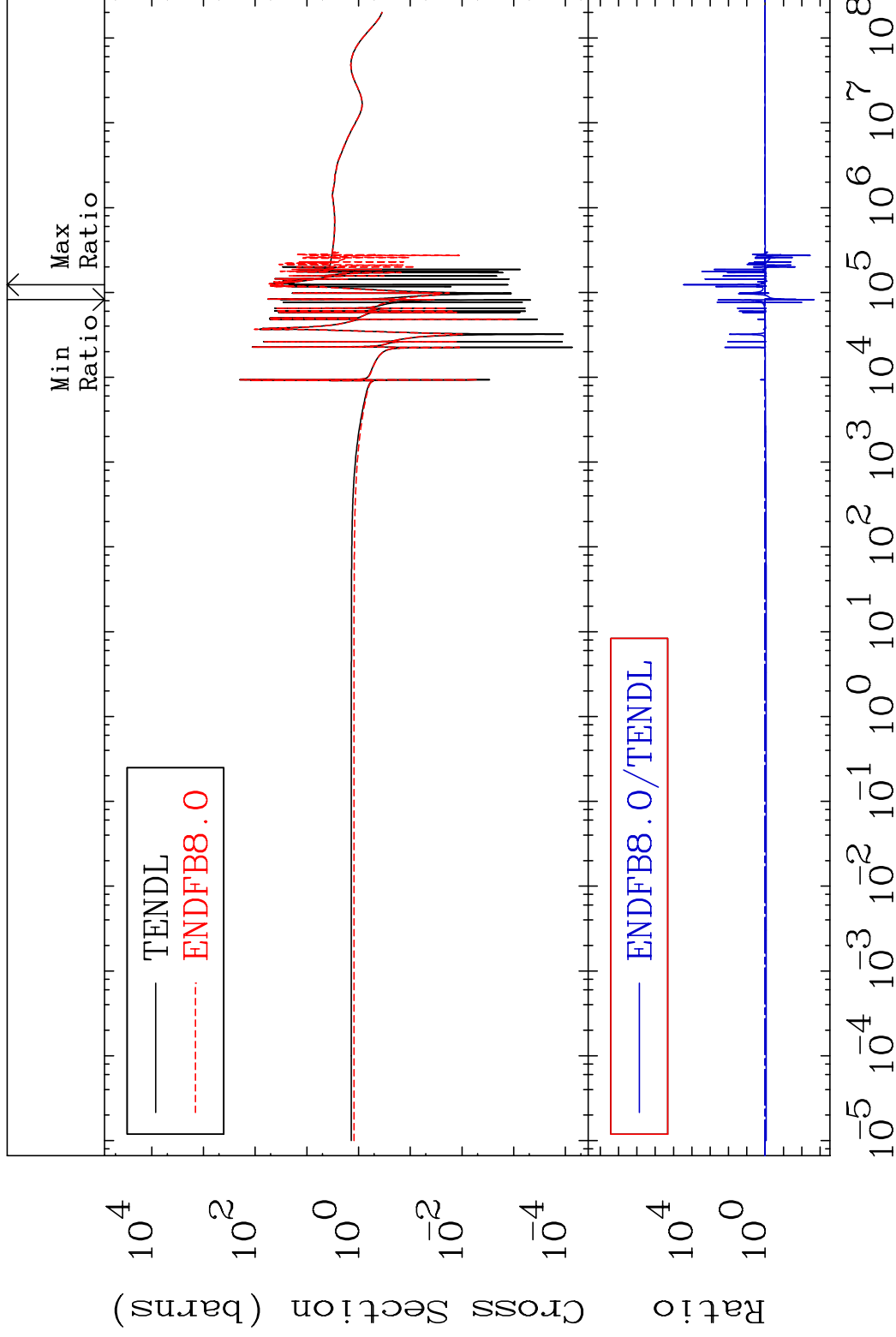
MAT 2031

Elastic

20-Ca-42

Cross Section

-99.79 To 9999. %

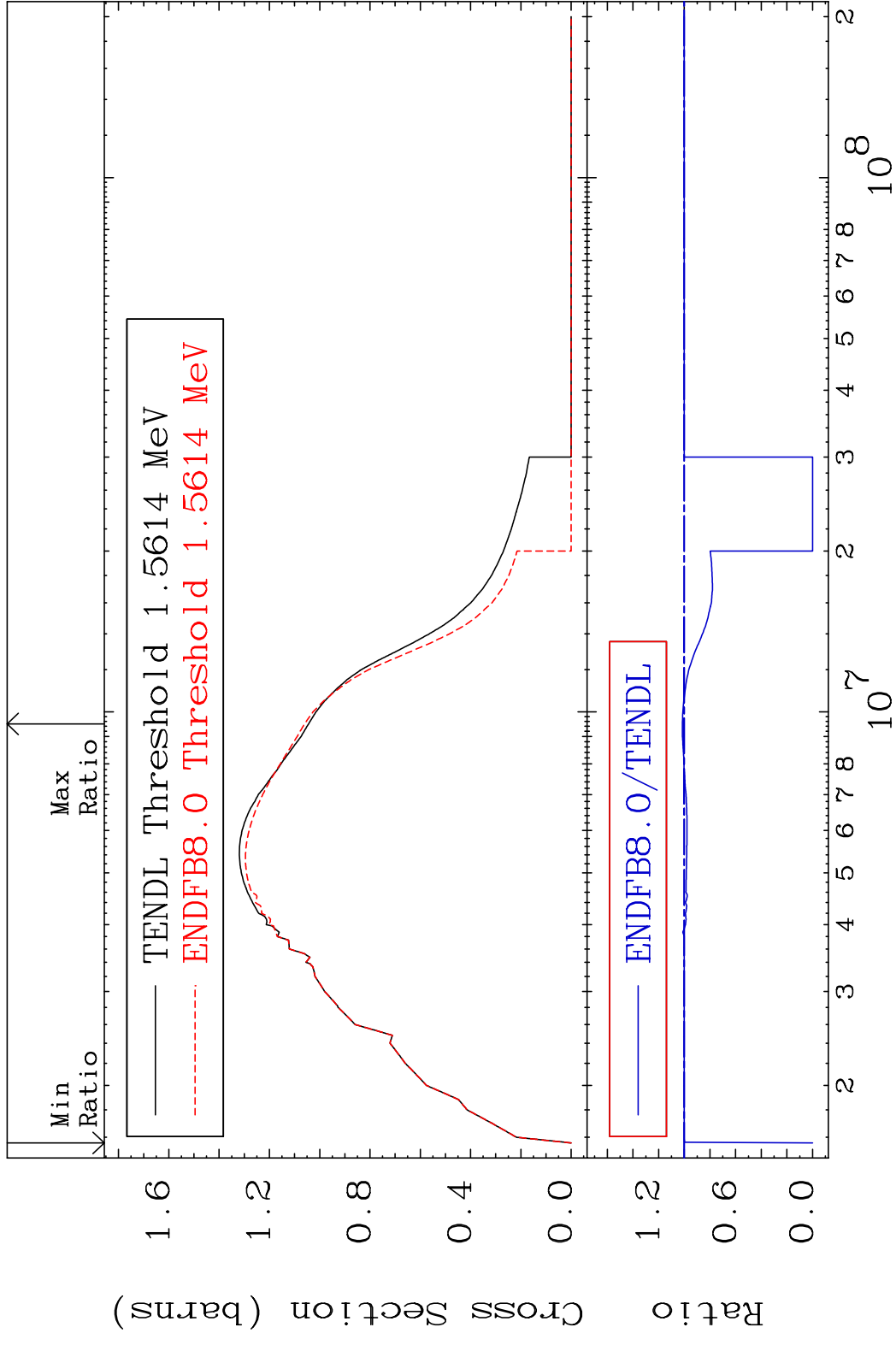


2

Incident Energy (eV)

20-Ca-42

MAT 2031 Inelastic 20-Ca-42
 Cross Section -100.0 To 1.527 %

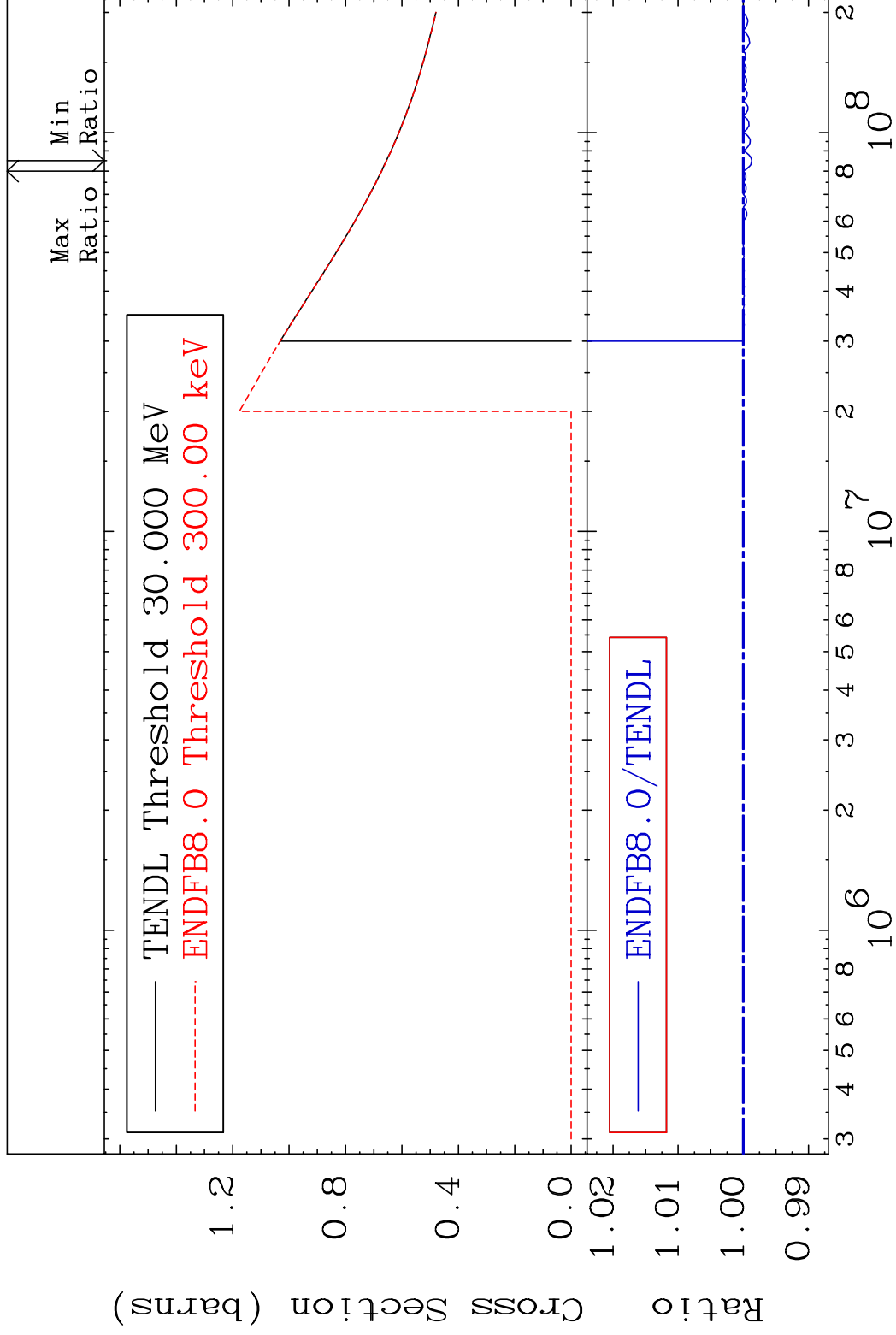


MAT 2031

(n, remainder)

20-Ca-42

Cross Section -0.129 To 0.000 %

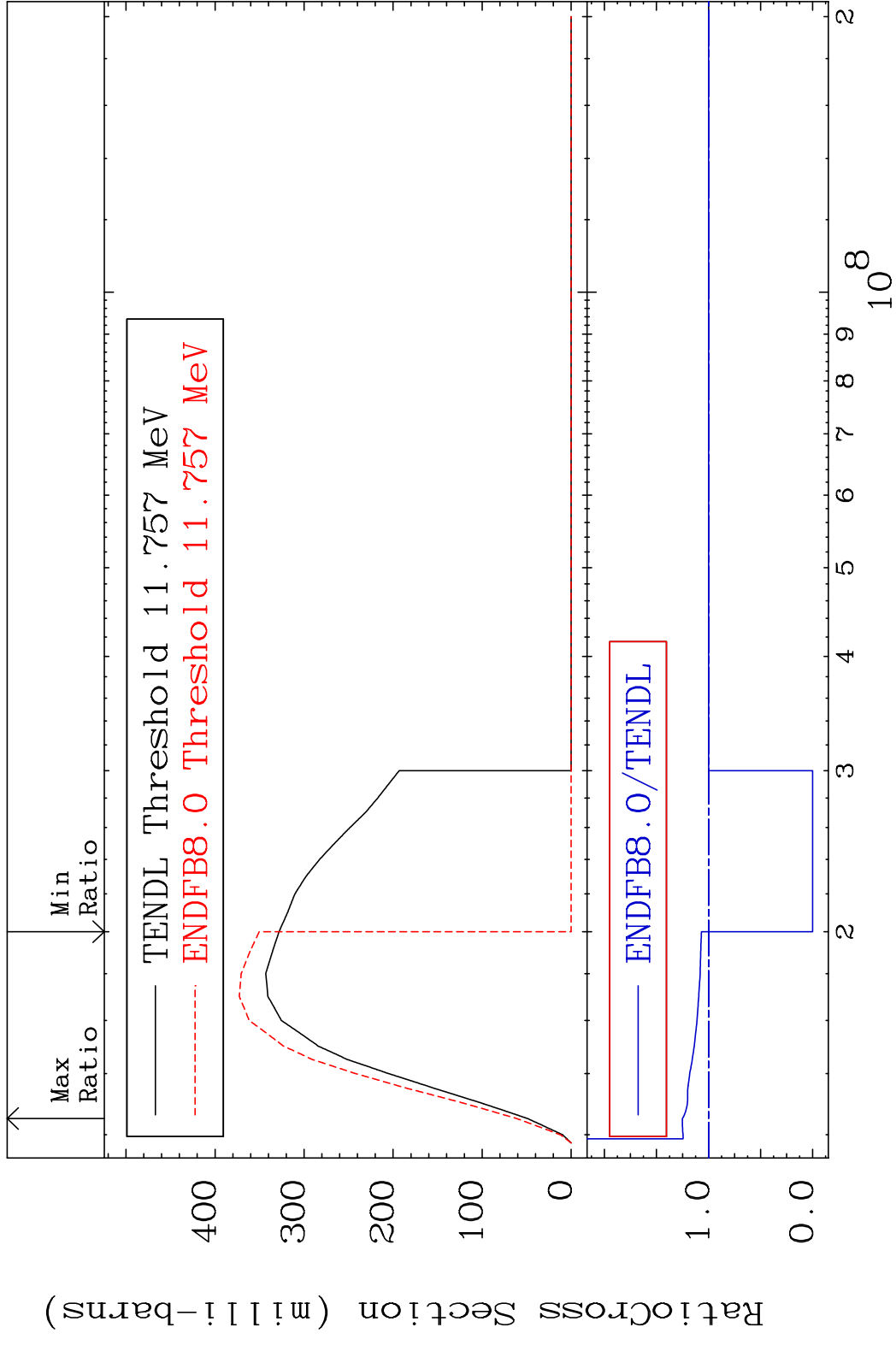


4

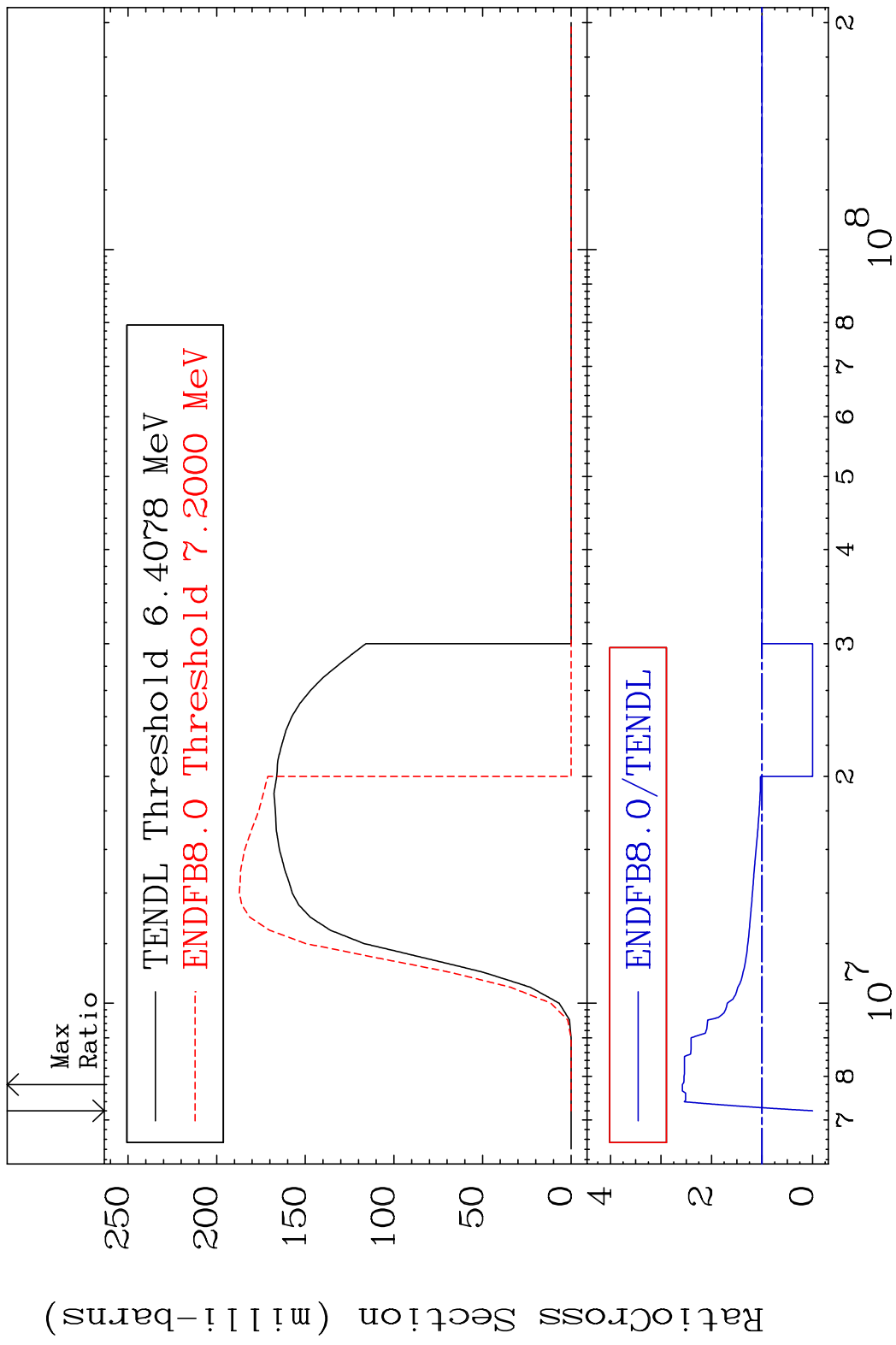
Incident Energy (eV)

20-Ca-42

MAT 2031 (n,2n) 20-Ca-42
 Cross Section -100.0 To 25.15 %

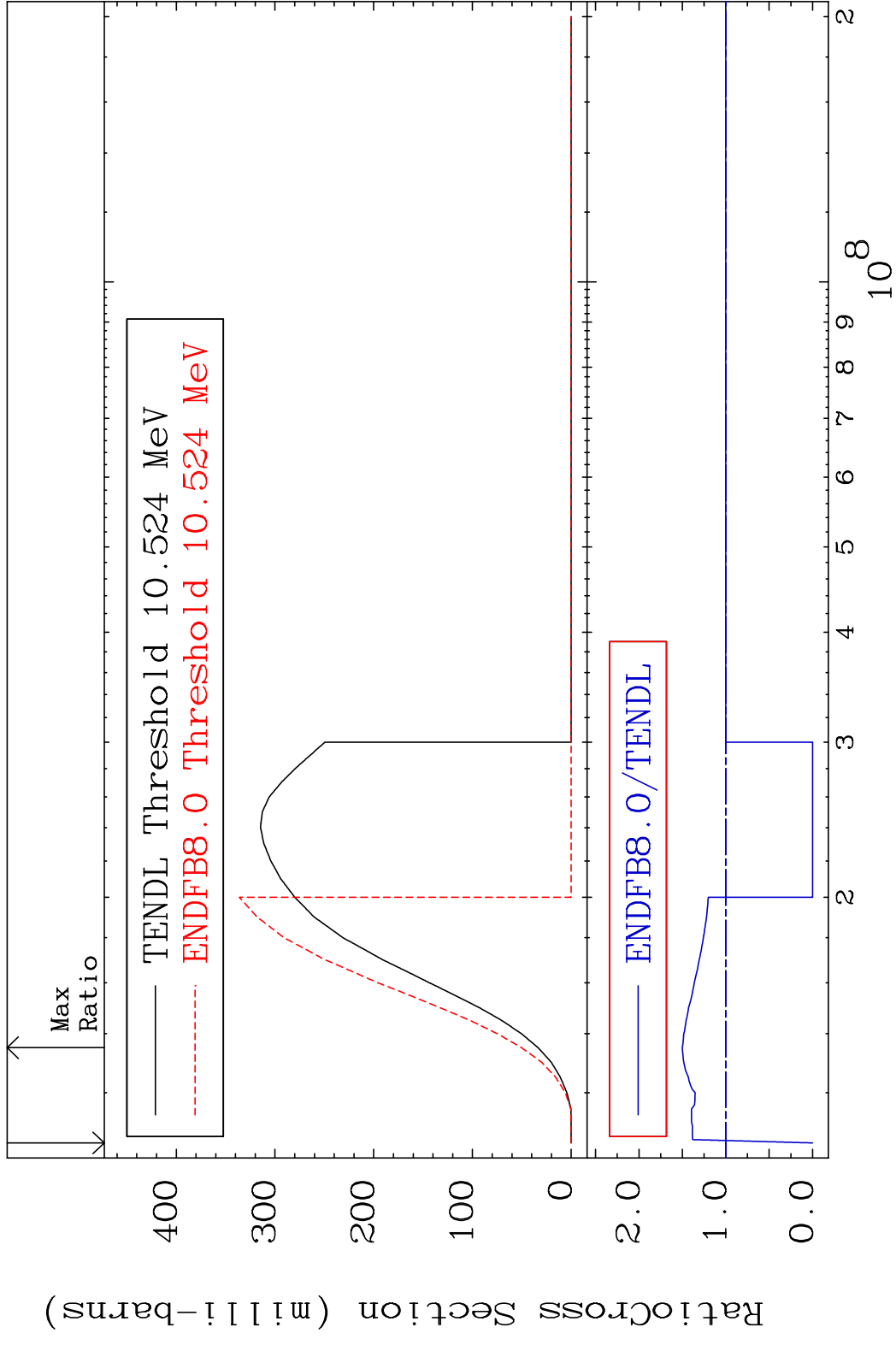


MAT 2031 (n, n') α 20-Ca-42
 Cross Section -100.0 To 157.7 %

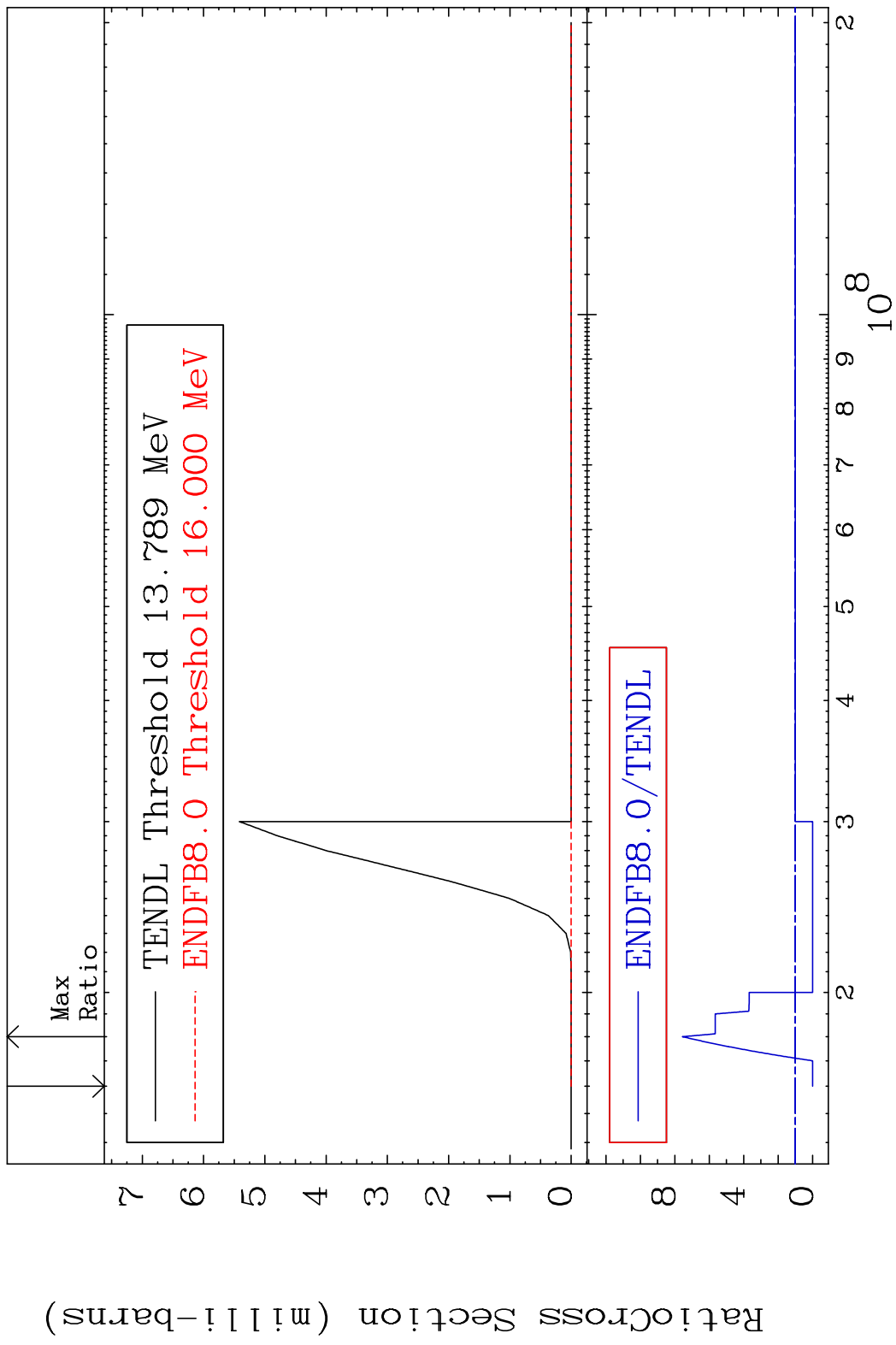


6 Incident Energy (eV) 20-Ca-42

MAT 2031 (n, n') p 20-Ca-42
 Cross Section -100.0 To 50.01 %

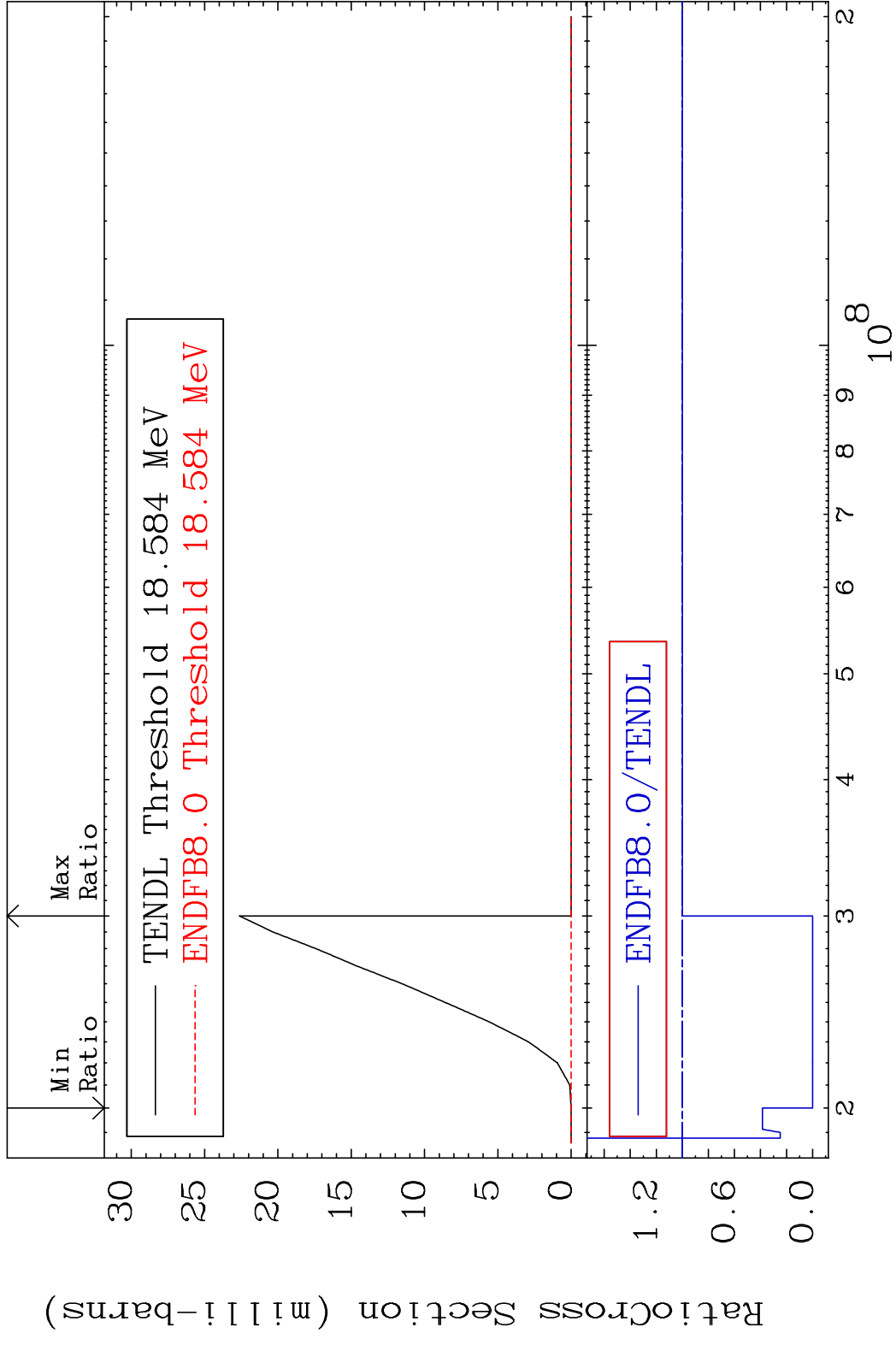


MAT 2031 (n, n') 2α 20-Ca-42
 Cross Section -100.0 To 656.1 %

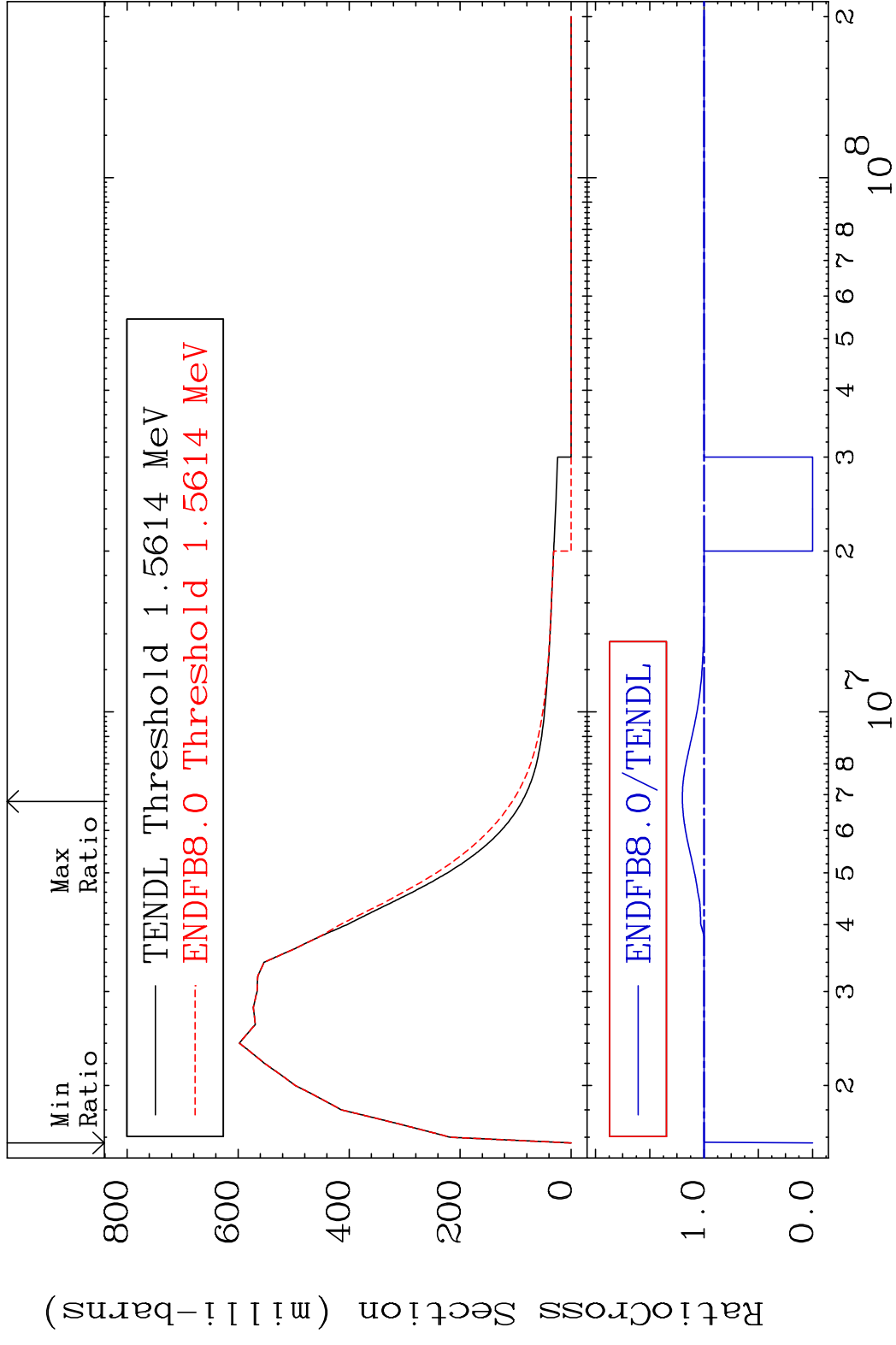


8 Incident Energy (eV) 20-Ca-42

MAT 2031 (n, n') d 20-Ca-42
 Cross Section -100.0 To 0.000 %

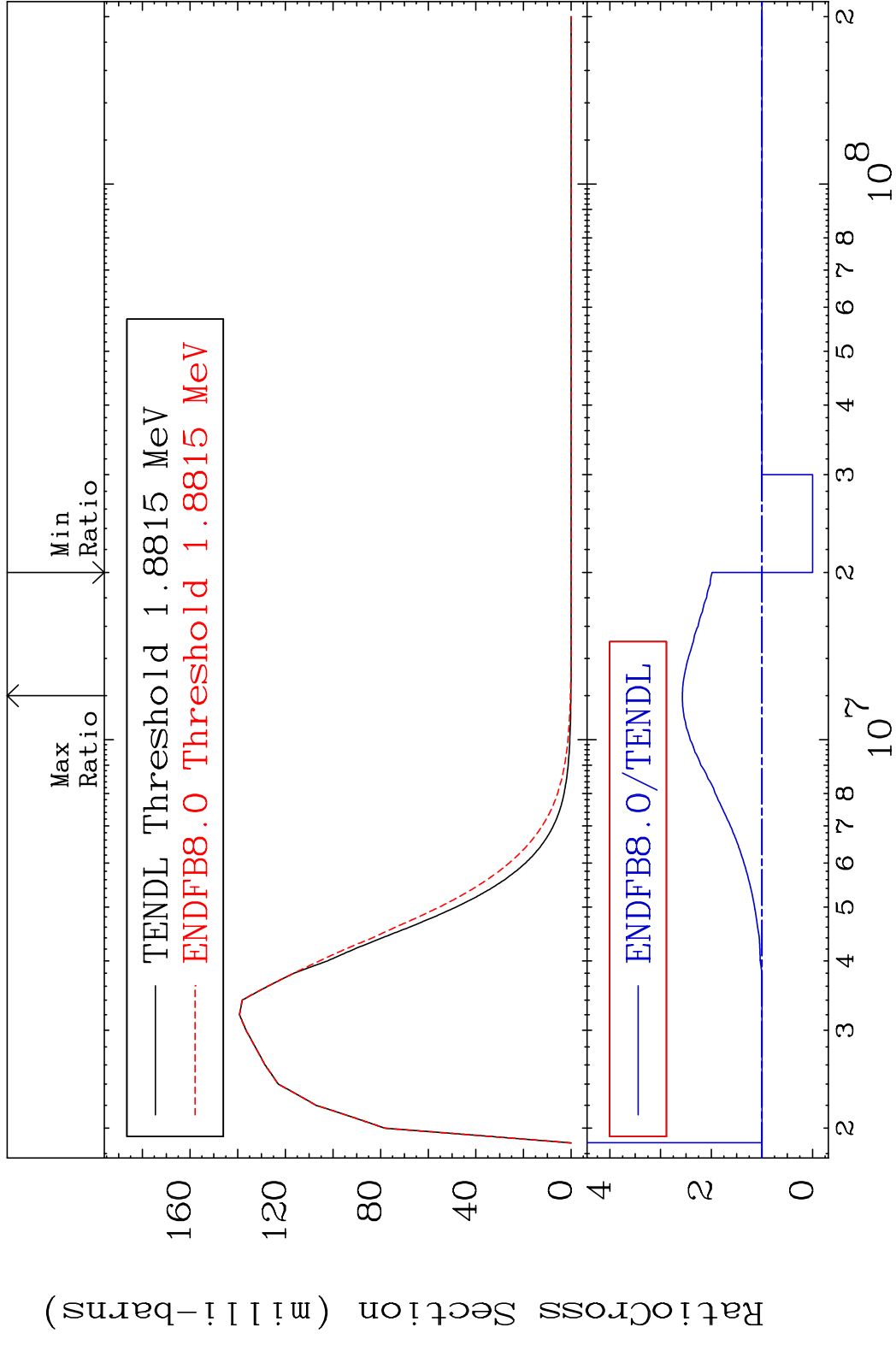


MAT 2031 MT= 51 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 20.02 %



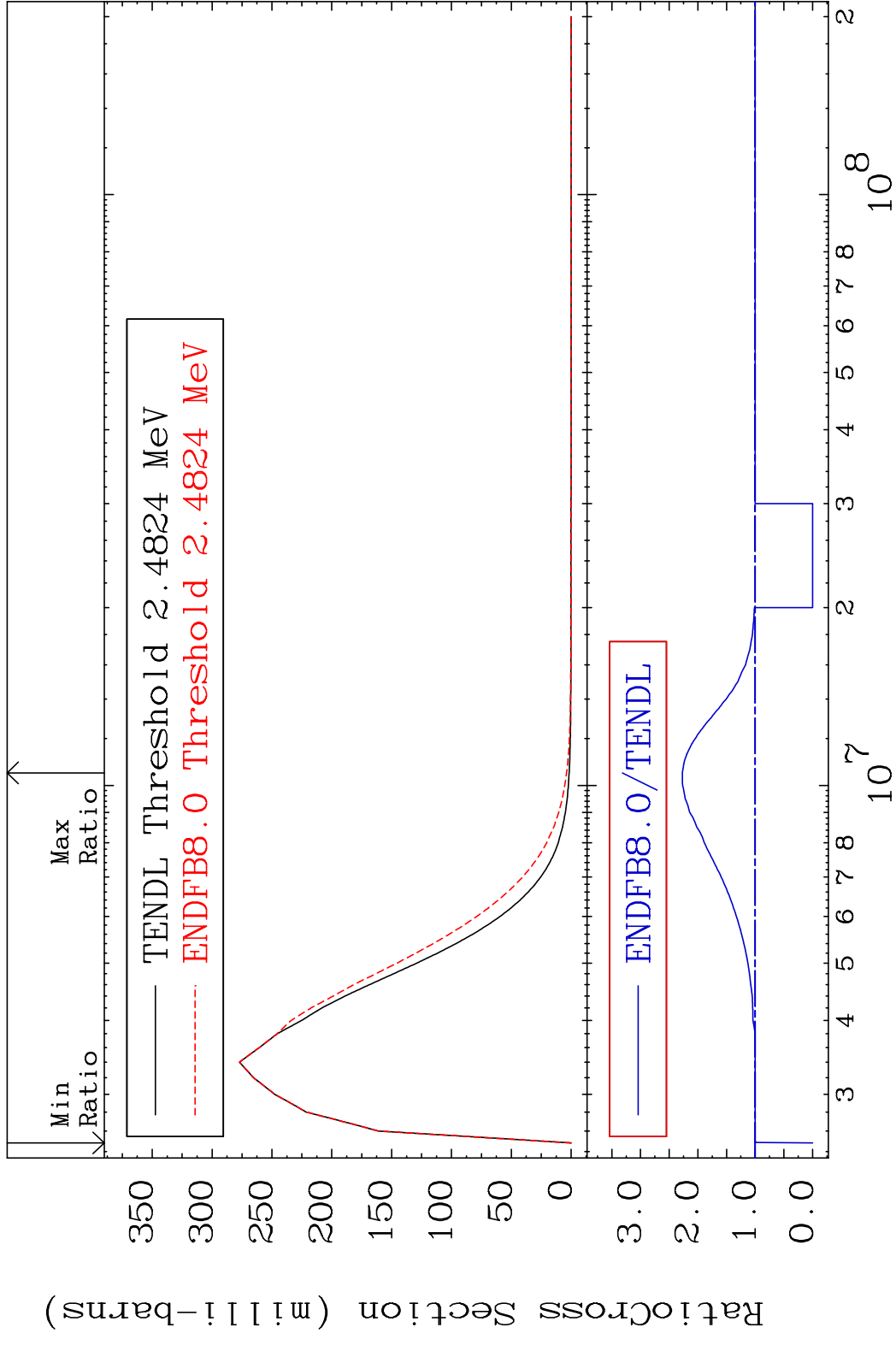
10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 20-Ca-42

MAT 2031 MT= 52 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 157.1 %

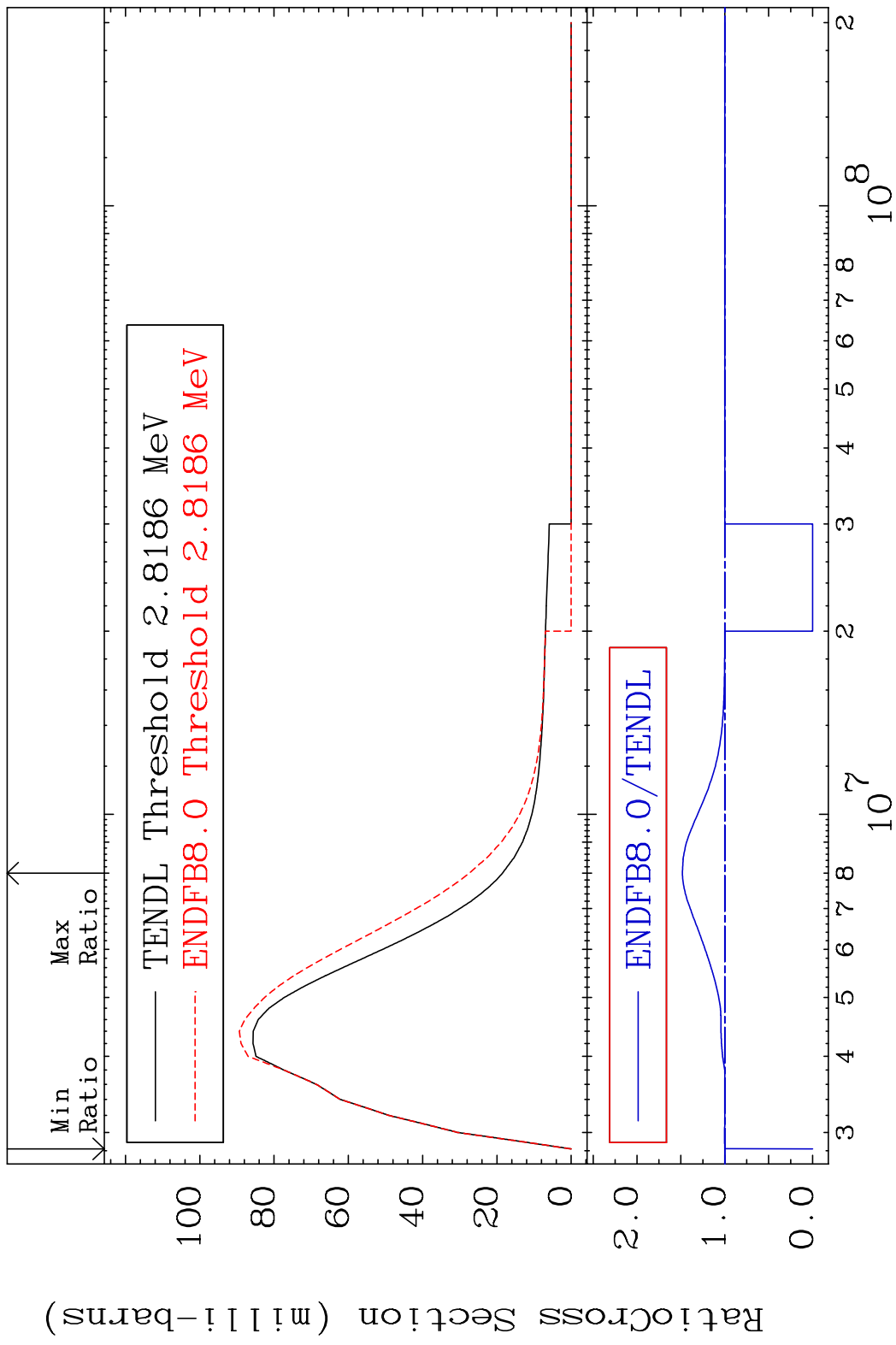


11 Incident Energy (eV) 20-Ca-42

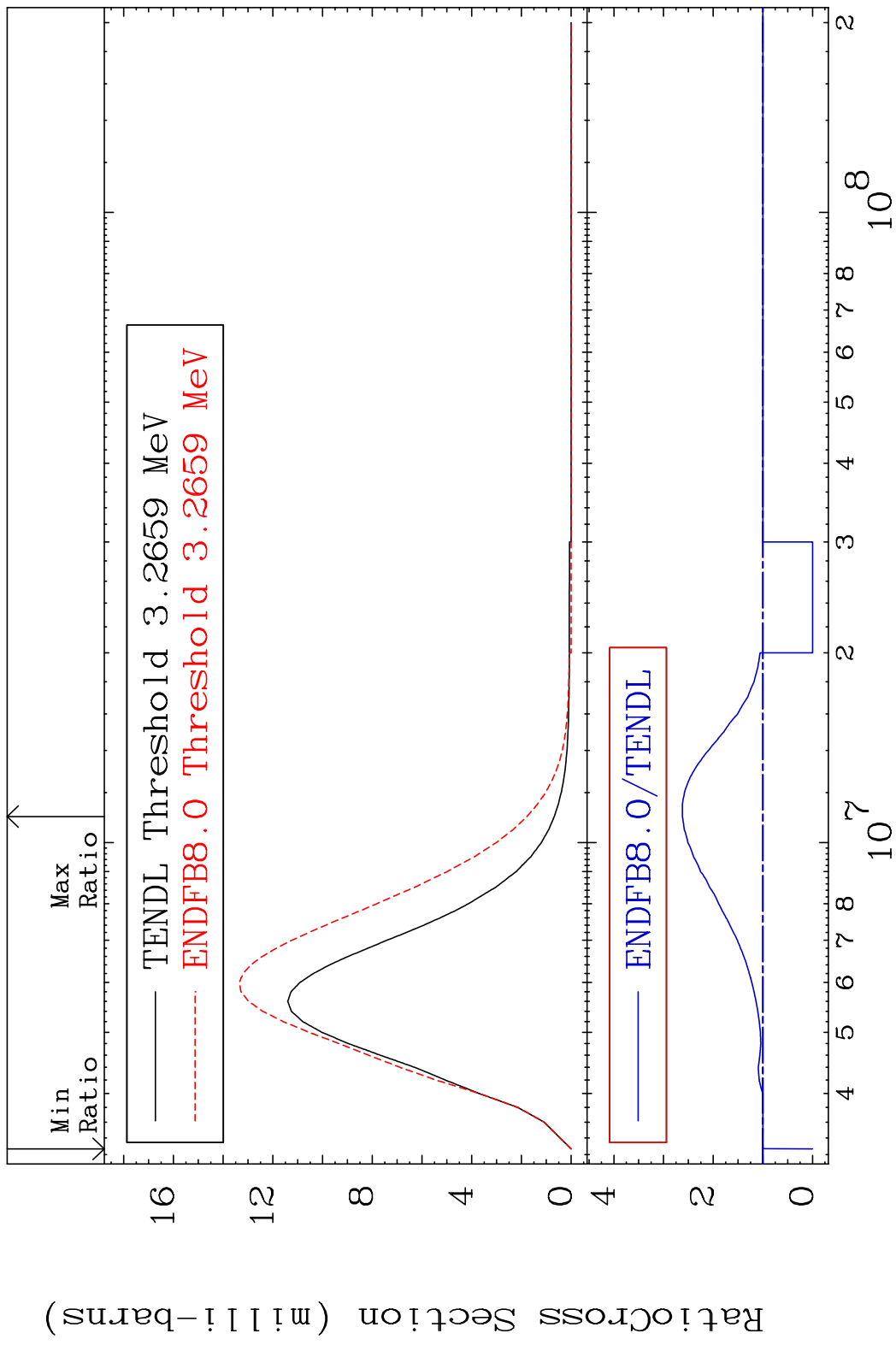
MAT 2031 MT= 53 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 127.0 %



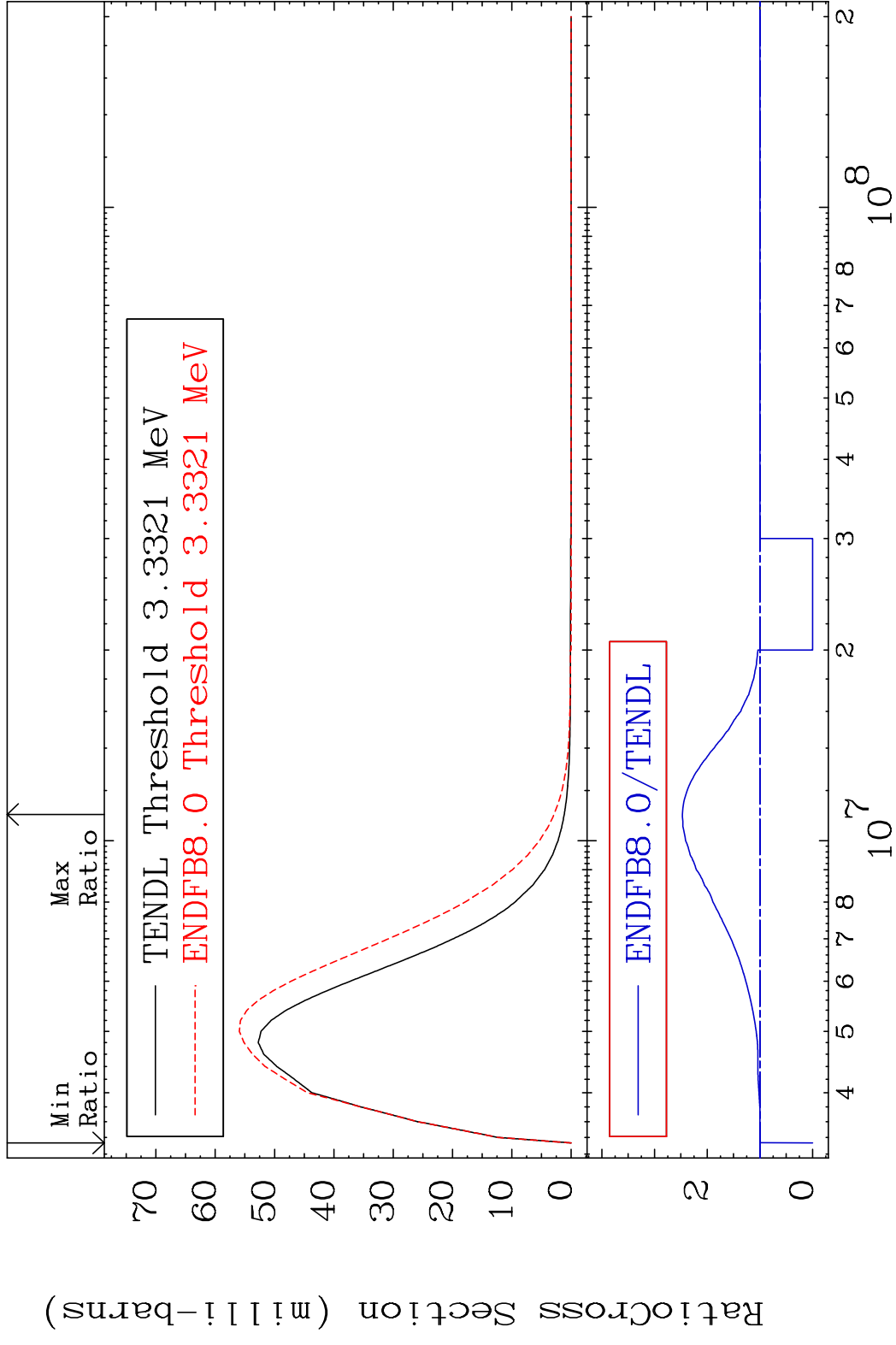
MAT 2031 MT= 54 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 48.34 %



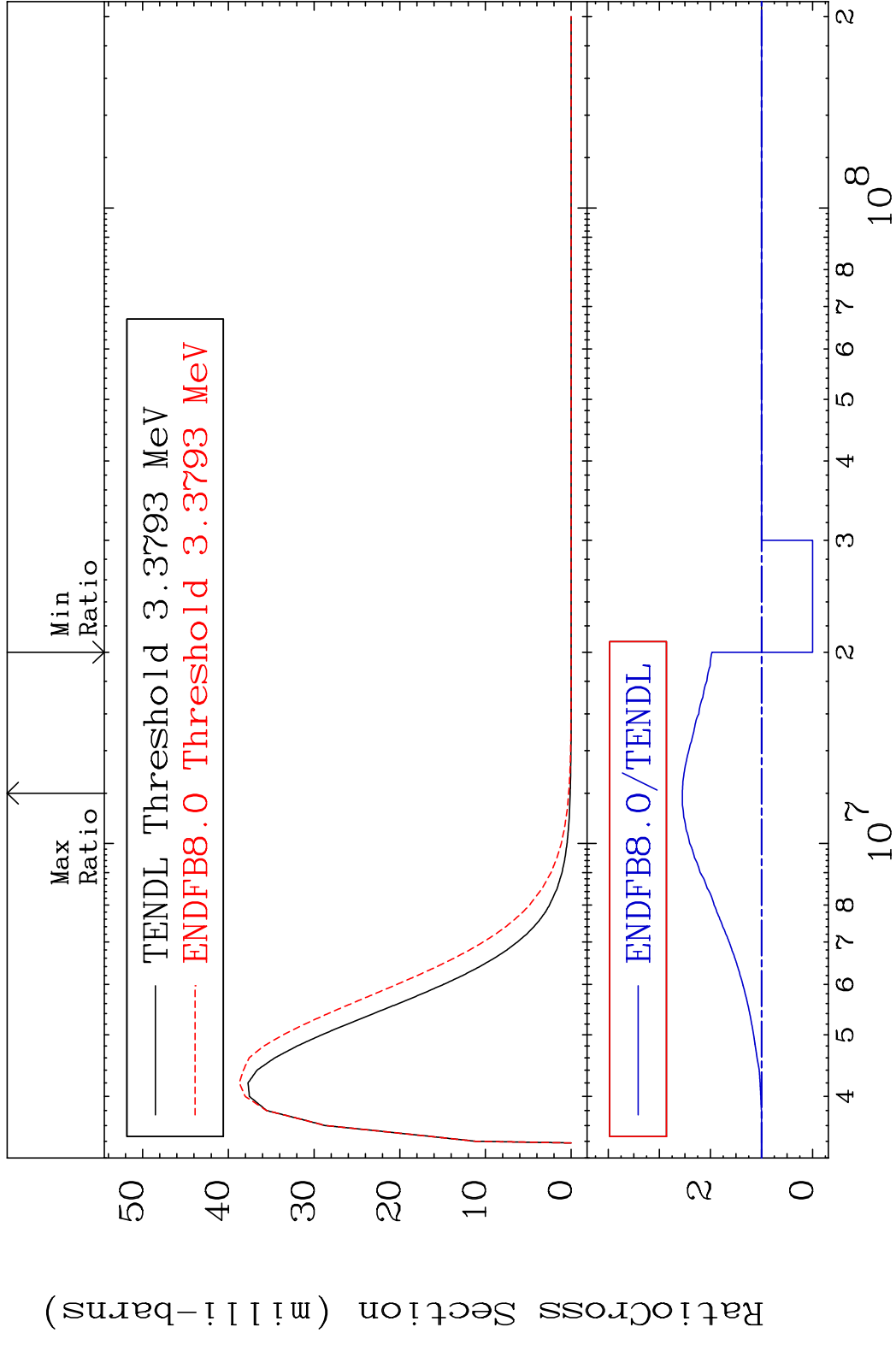
MAT 2031 MT= 55 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 162.1 %



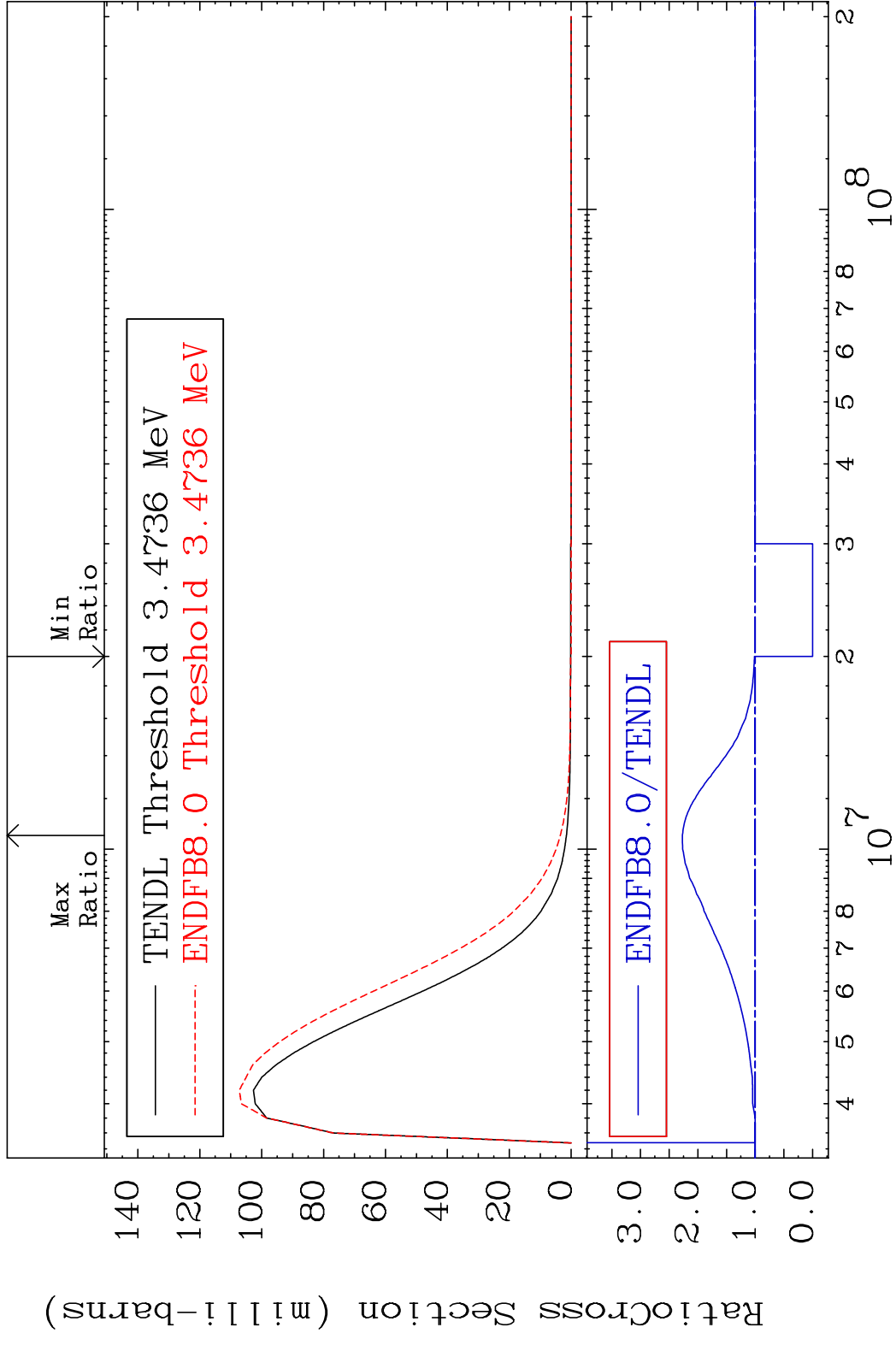
MAT 2031 MT= 56 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 147.2 %



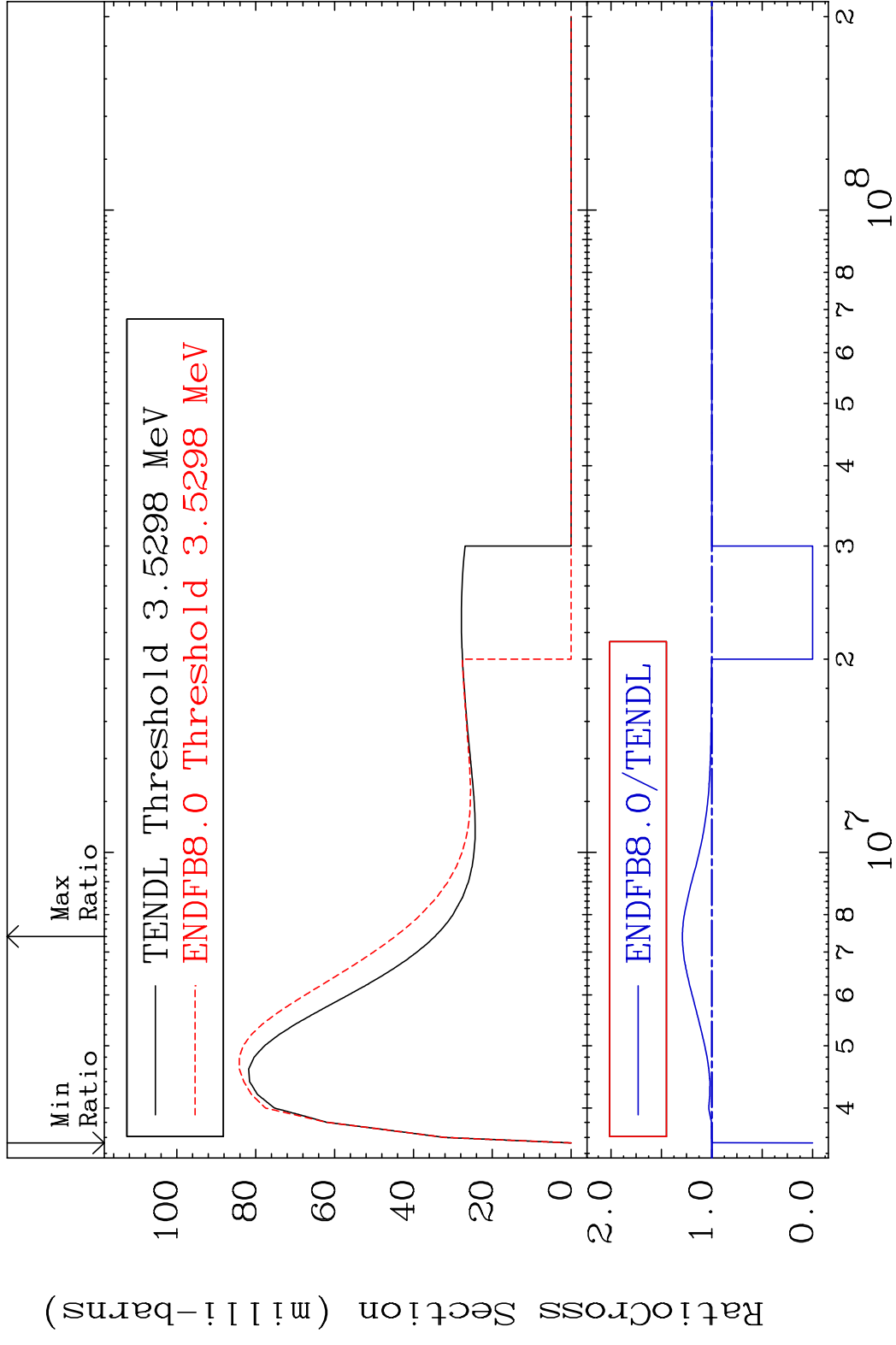
MAT 2031 MT= 57 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 154.8 %



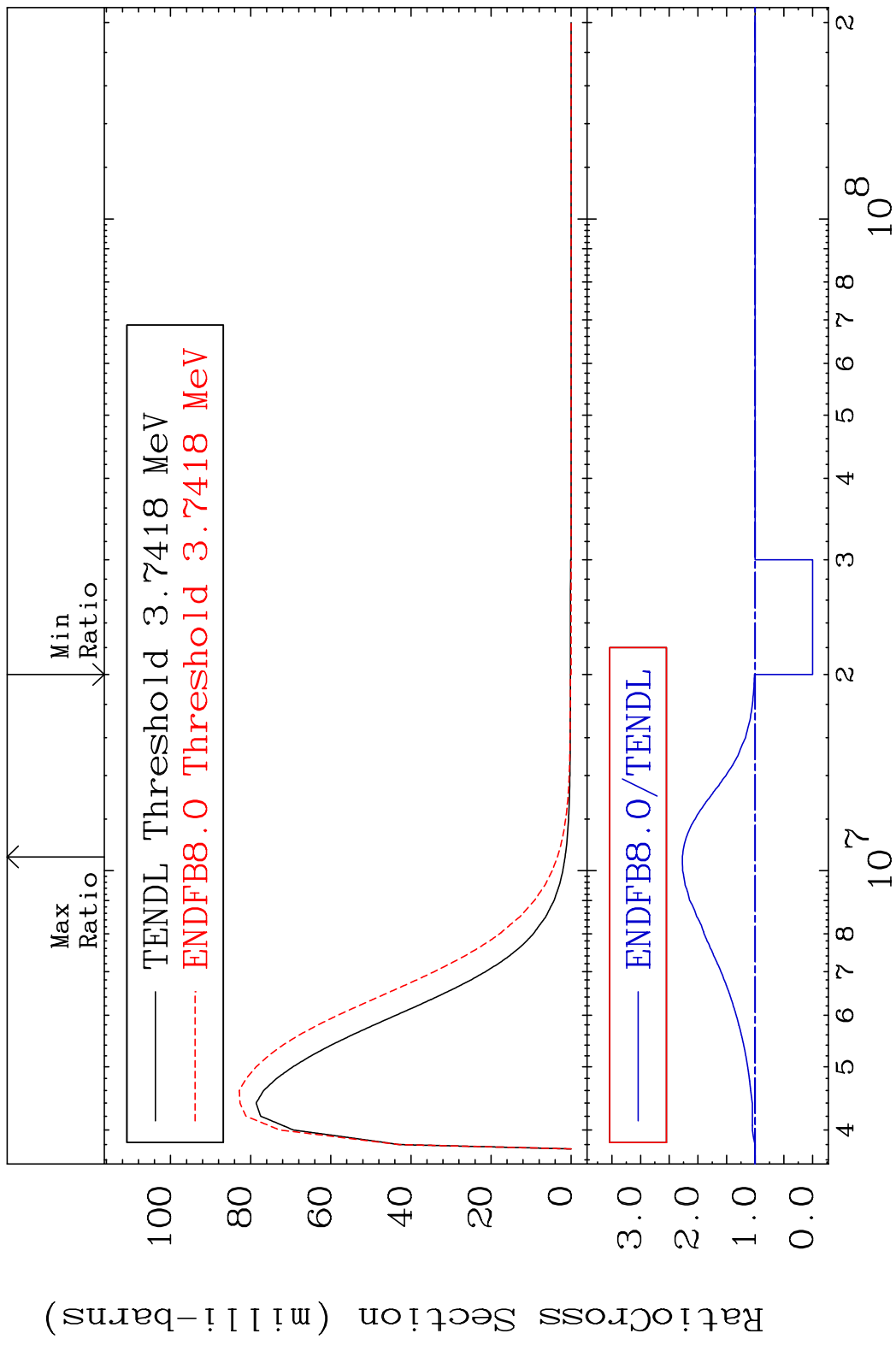
MAT 2031 MT= 58 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 127.1 %



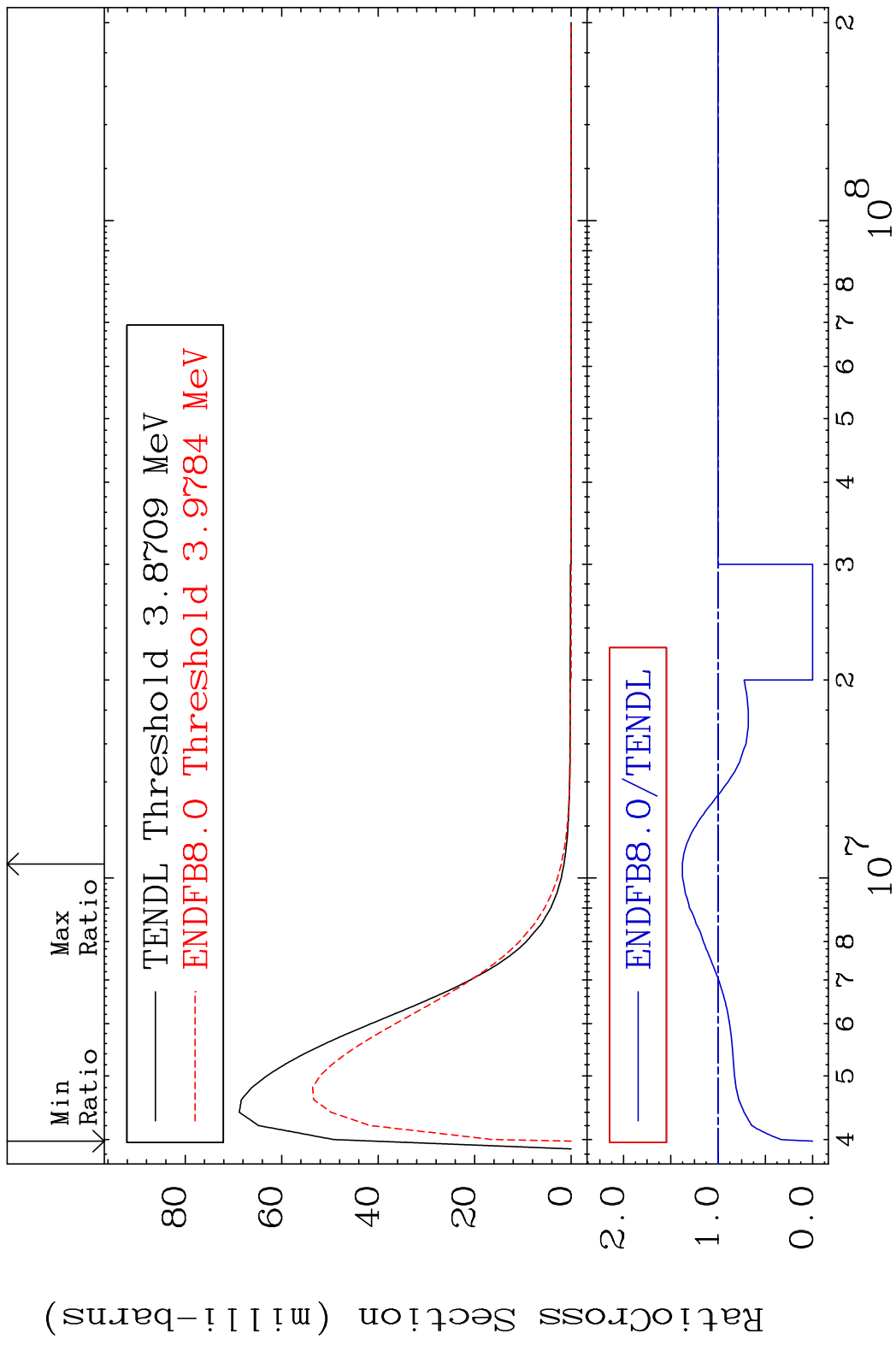
MAT 2031 MT= 59 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 29.13 %



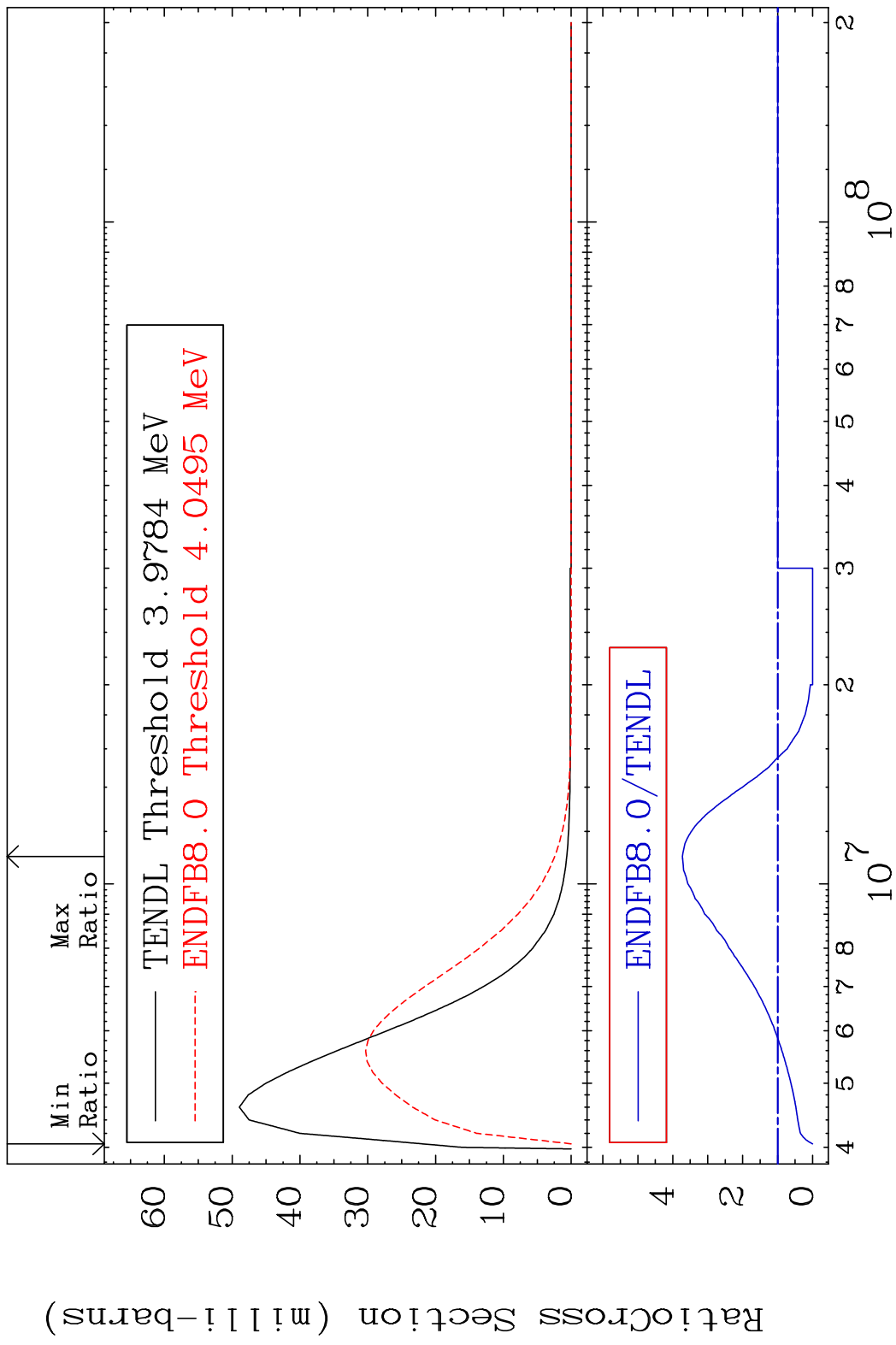
MAT 2031 MT= 60 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 127.1 %



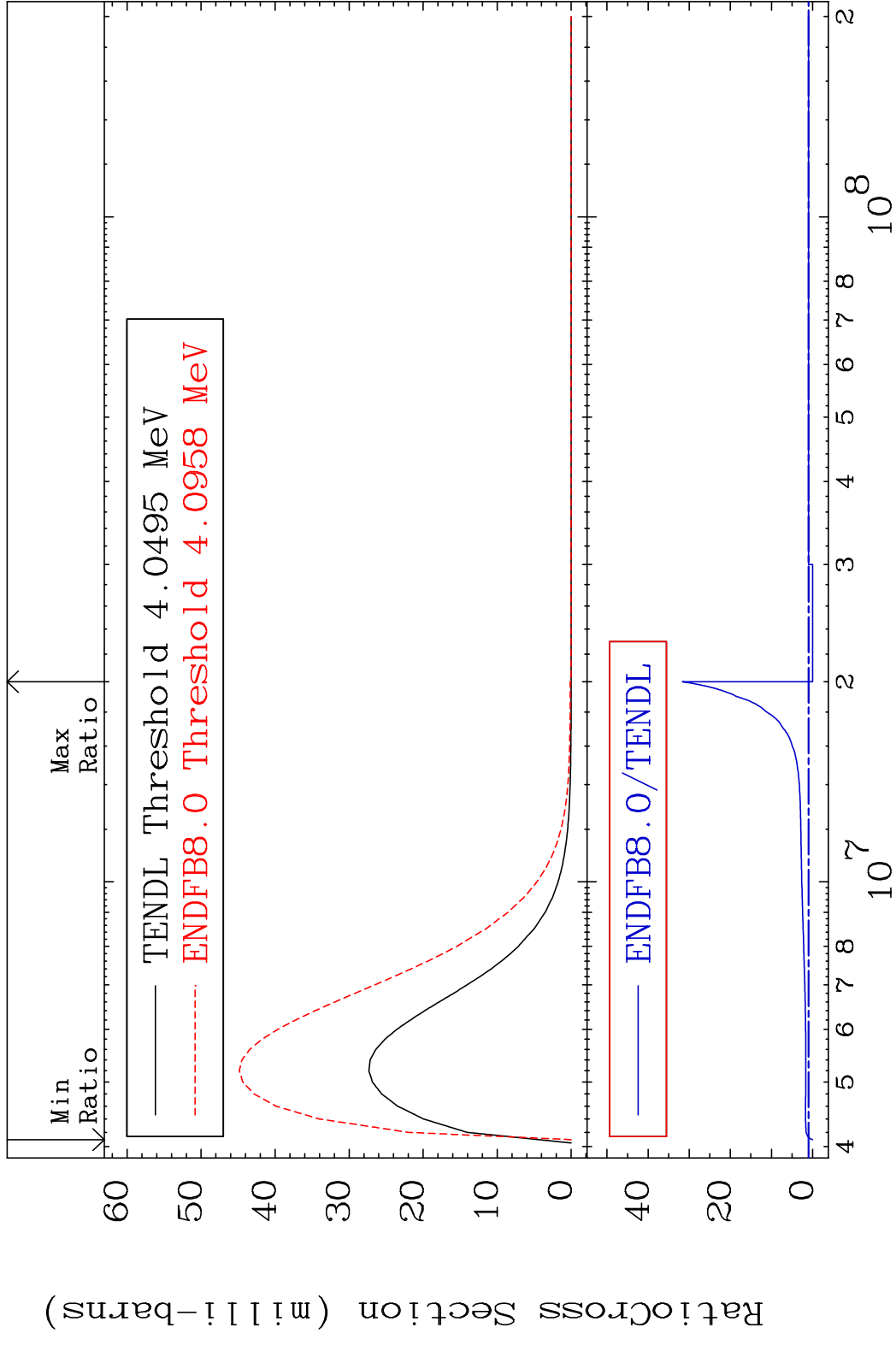
MAT 2031 MT= 61 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 37.73 %



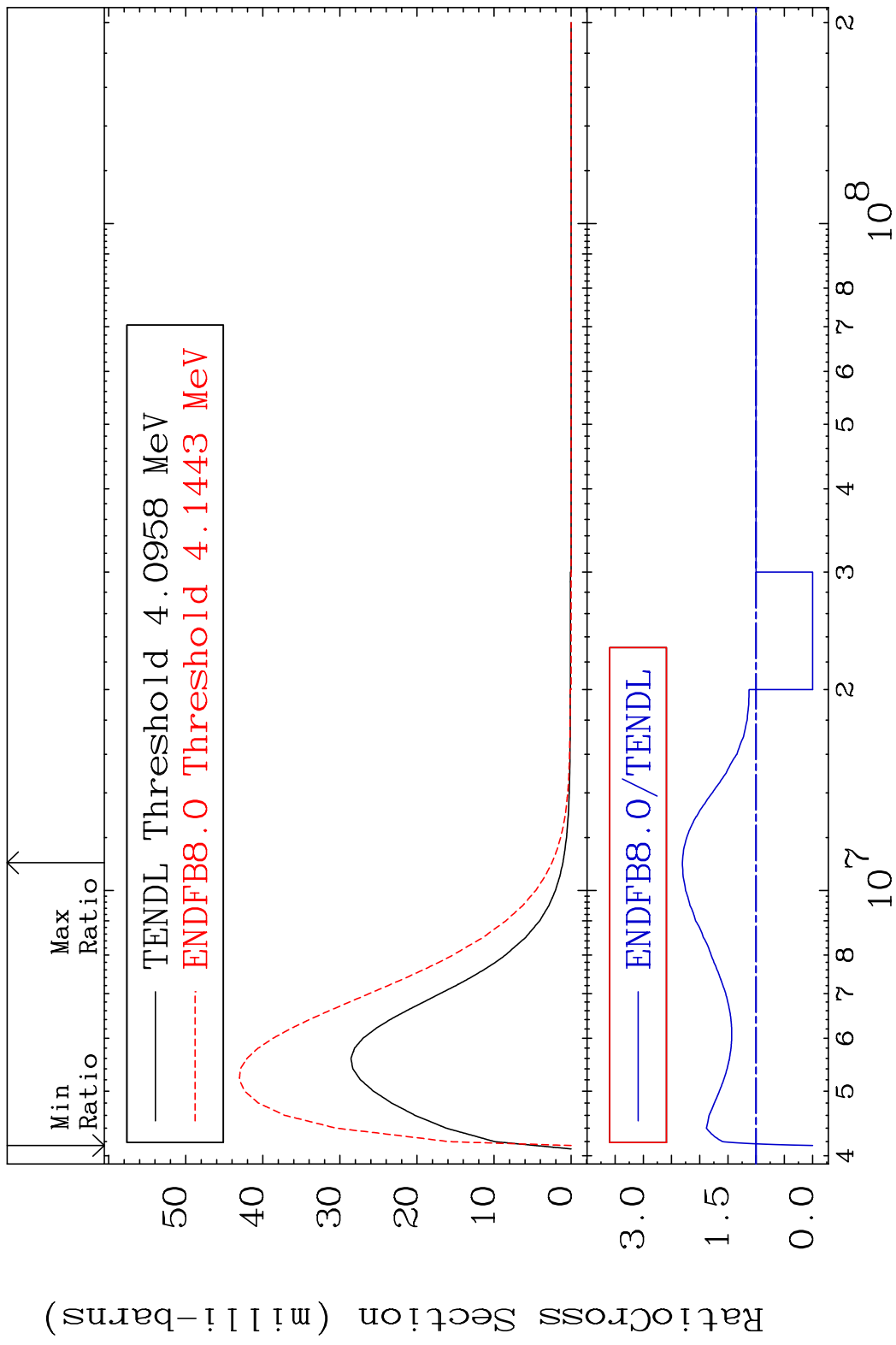
MAT 2031 MT= 62 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 272.5 %



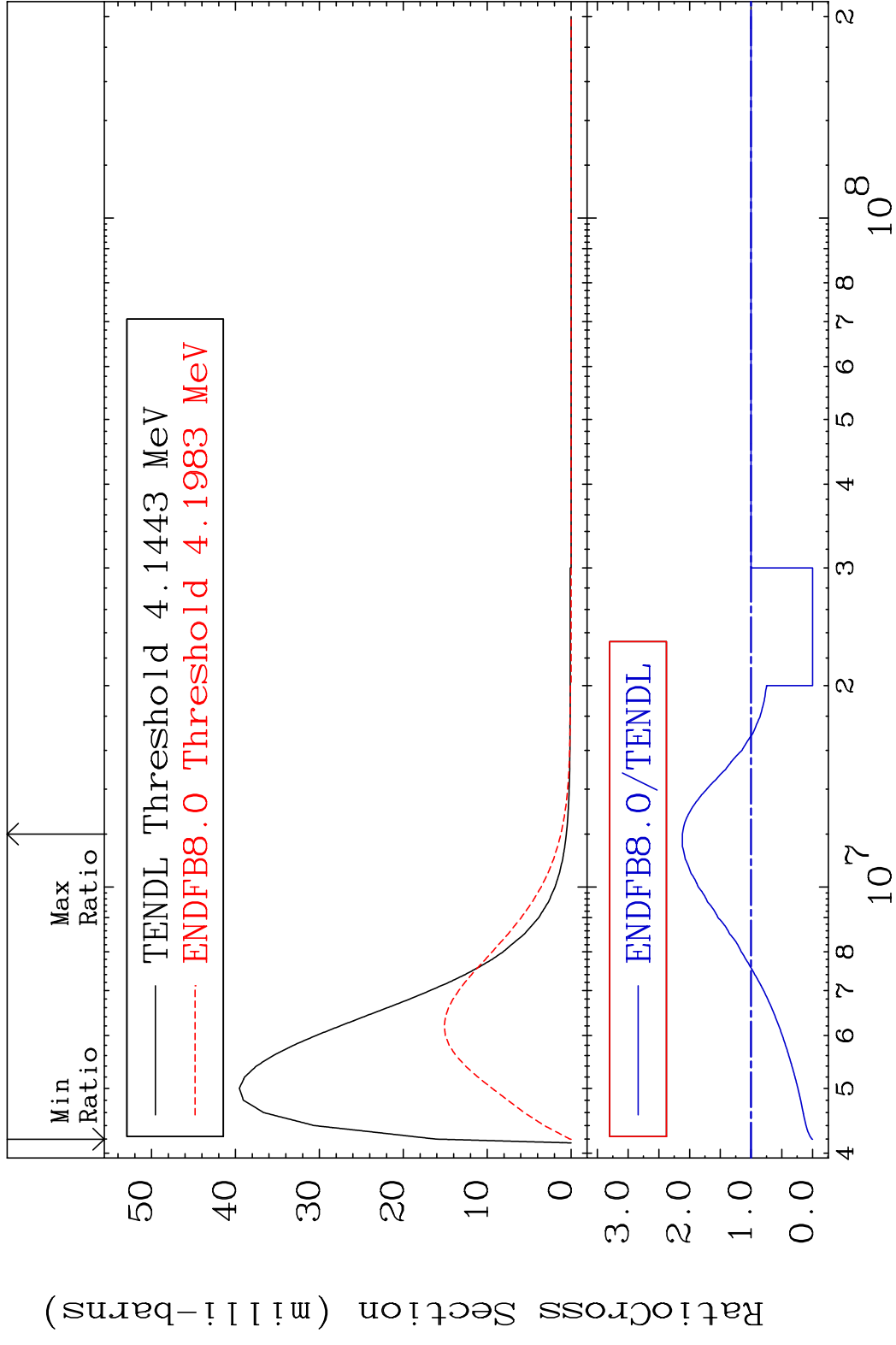
MAT 2031 MT= 63 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 3067. %



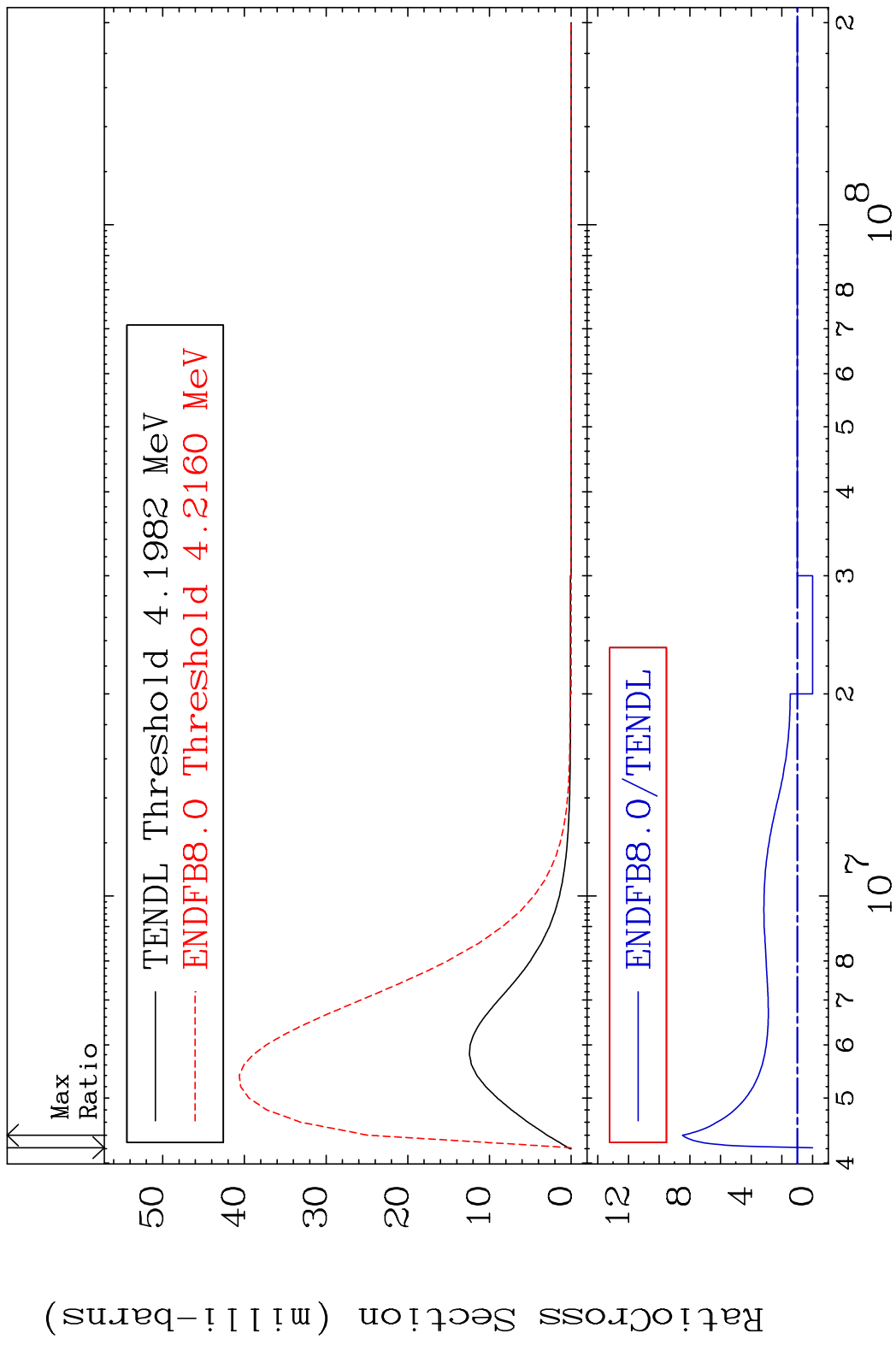
MAT 2031 MT= 64 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 130.8 %



MAT 2031 MT= 65 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 111.8 %



MAT 2031 MT= 66 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 748.8 %

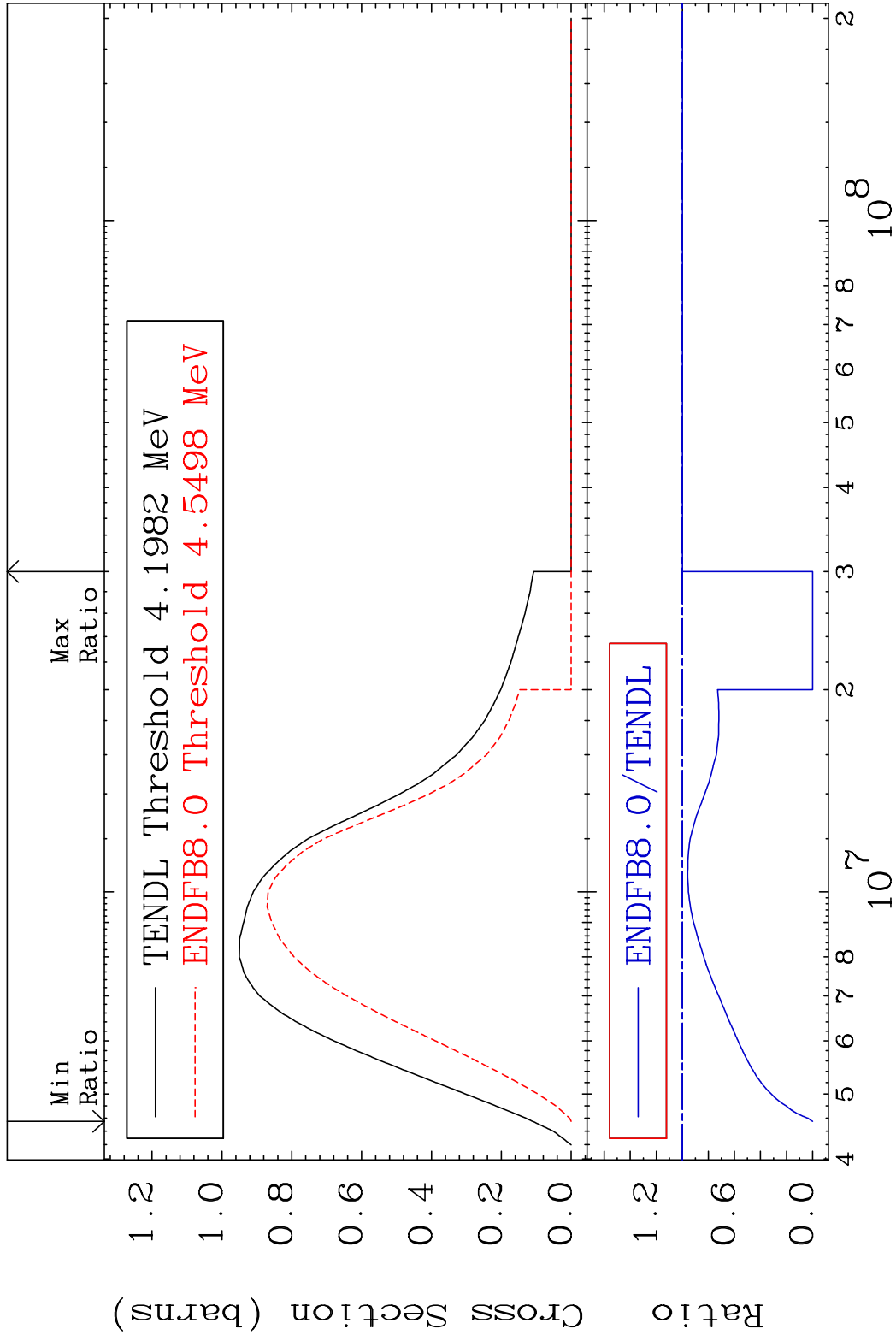


MAT 2031

(n,n') Continuum

20-Ca-42

Cross Section -100.0 To 0.000 %



26

Incident Energy (eV)

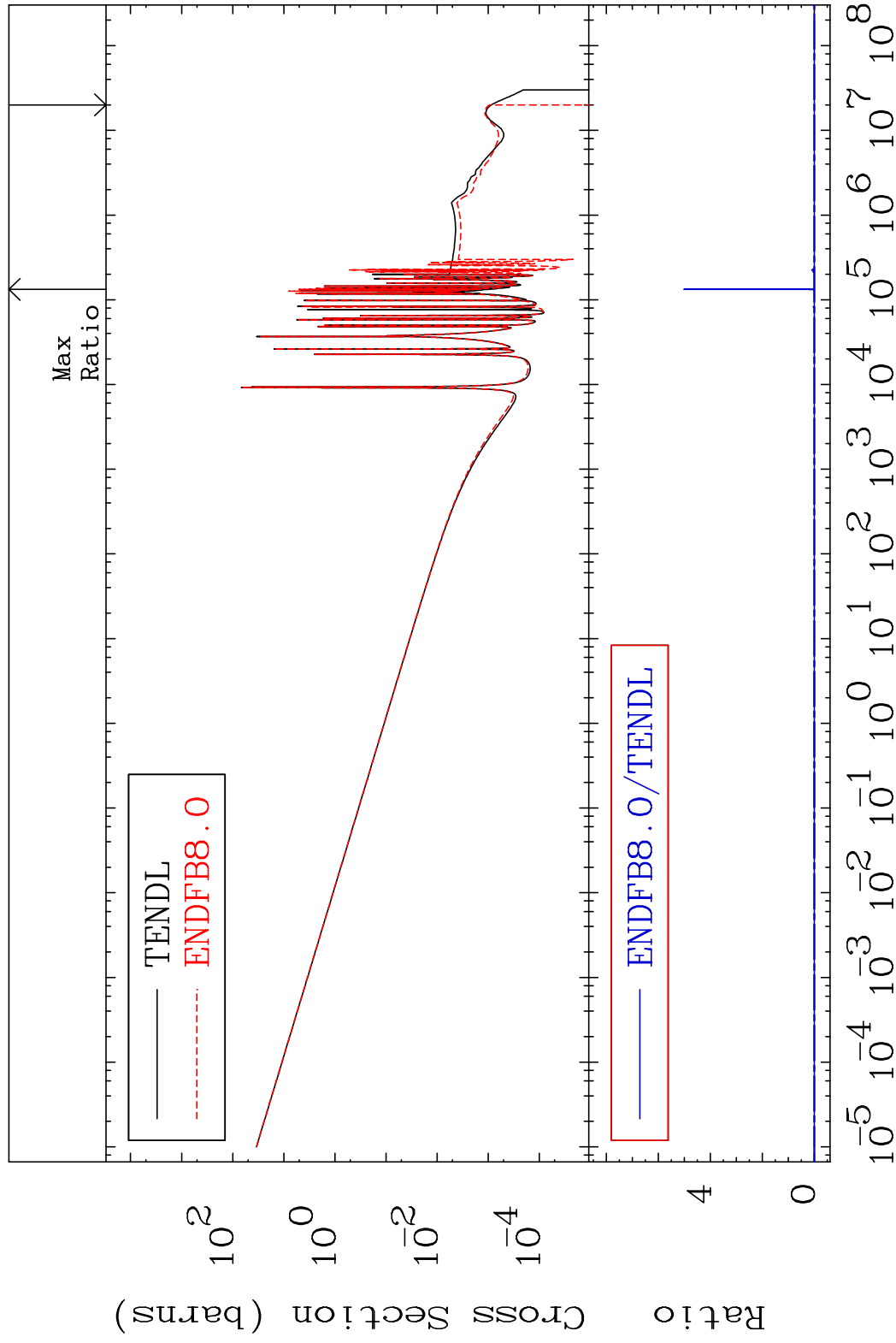
20-Ca-42

MAT 2031

(n, γ)

20-Ca-42

Cross Section -100.0 To 9999. %

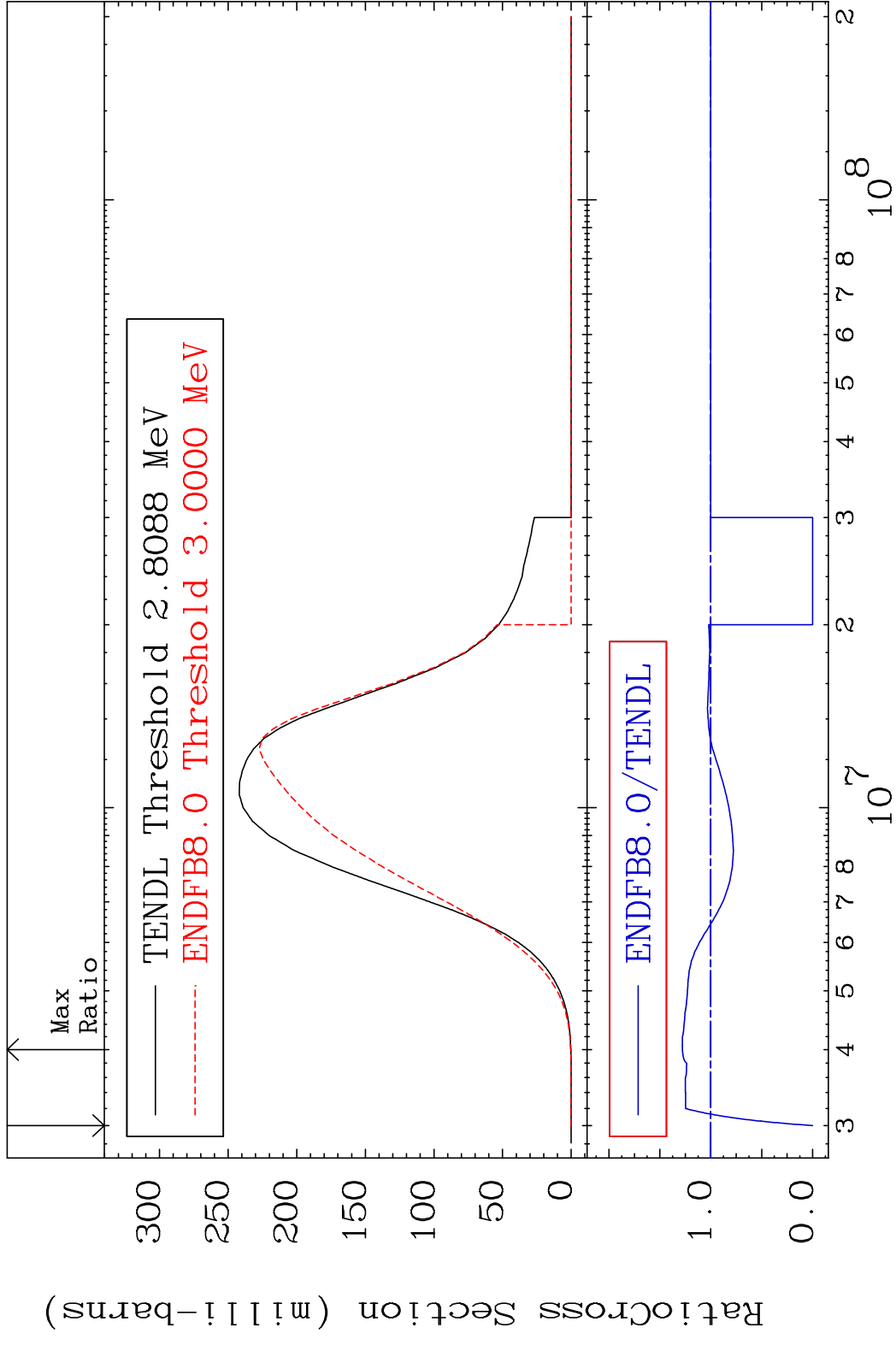


27

Incident Energy (eV)

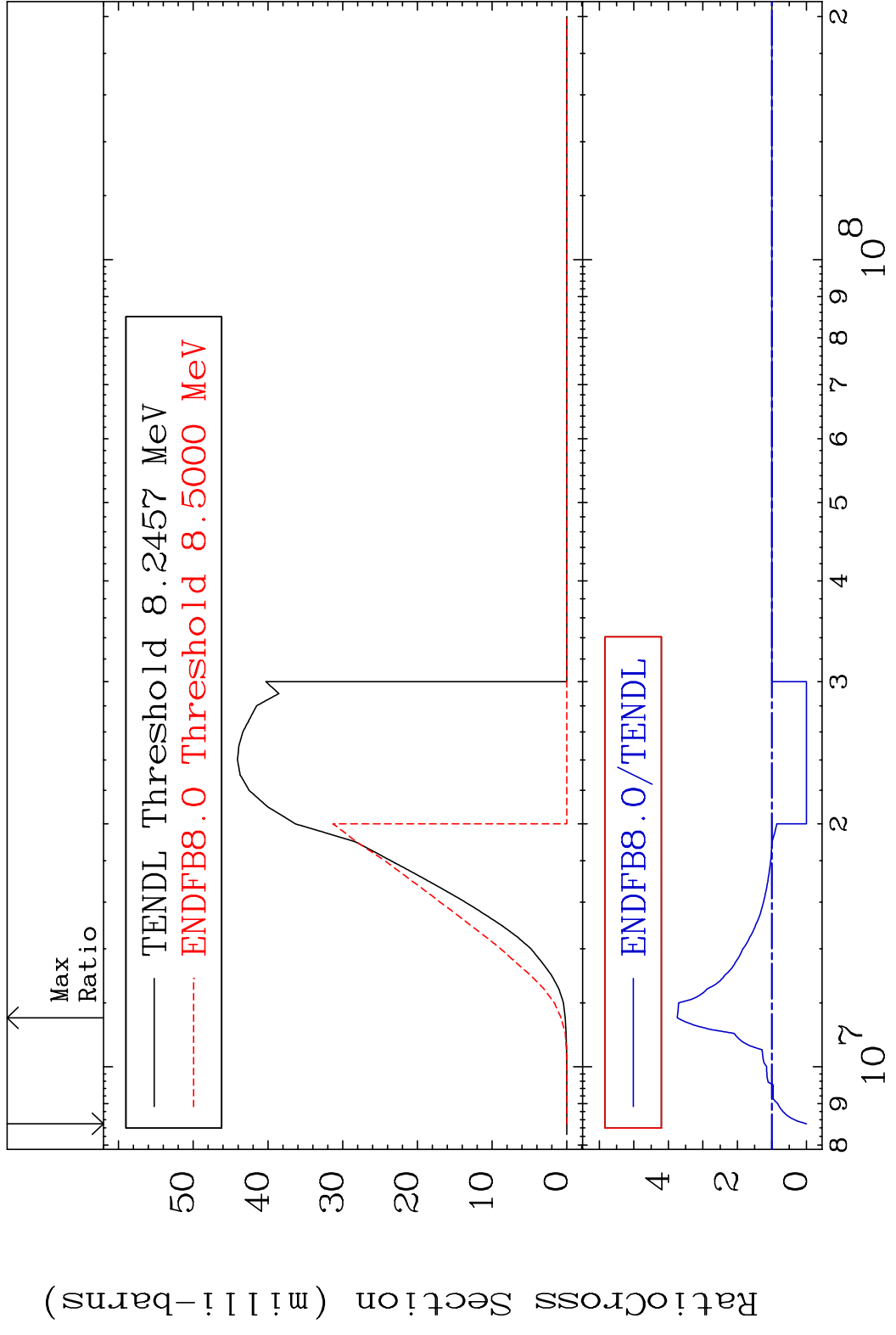
20-Ca-42

MAT 2031 (n,p) 20-Ca-42
 Cross Section -100.0 To 27.90 %



28 Incident Energy (eV) 20-Ca-42

MAT 2031 (n,d) 20-Ca-42
 Cross Section -100.0 To 274.5 %



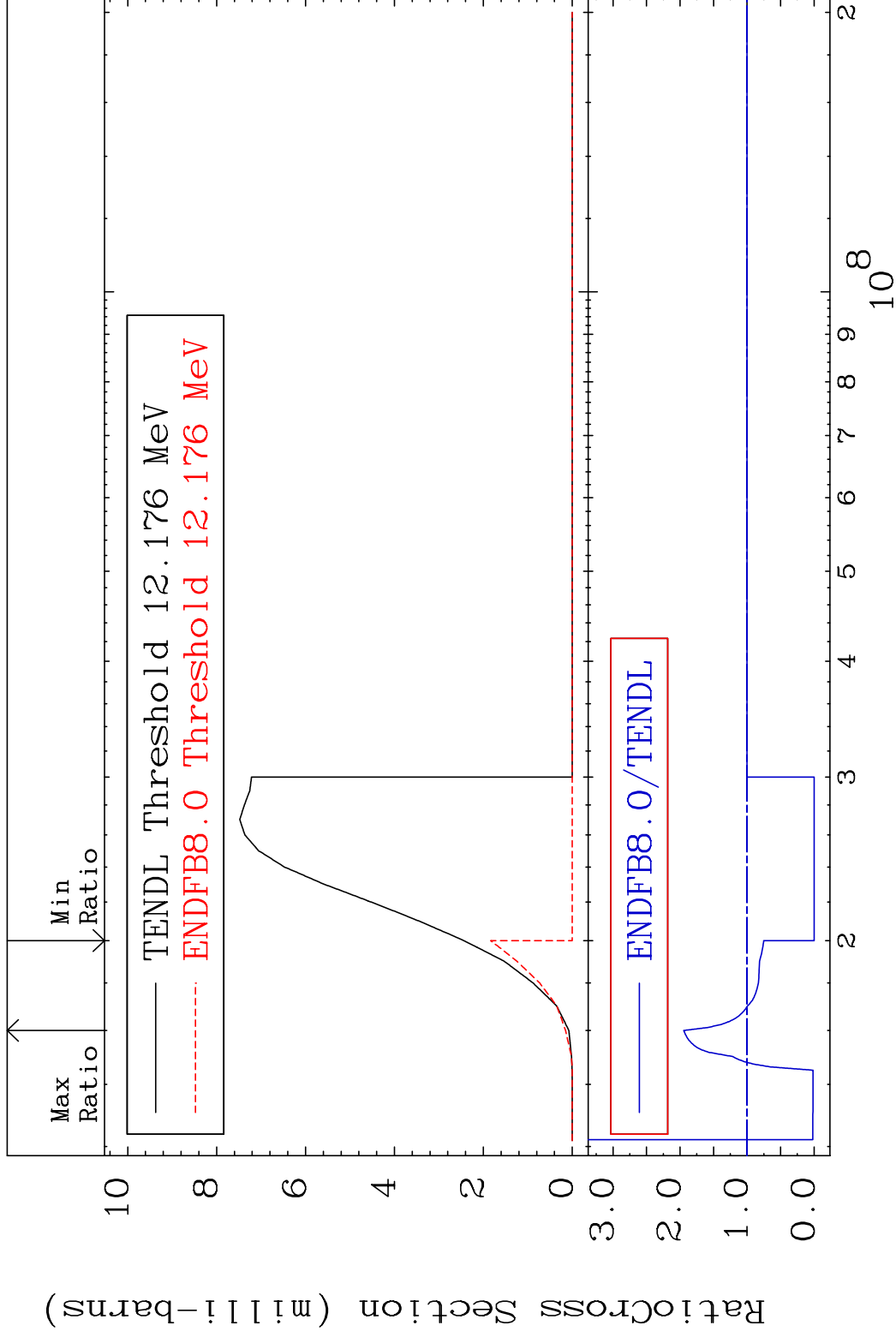
29 Incident Energy (eV) 20-Ca-42

MAT 2031

(n, t)

20-Ca-42

Cross Section -100.0 To 94.58 %



30

Incident Energy (eV)

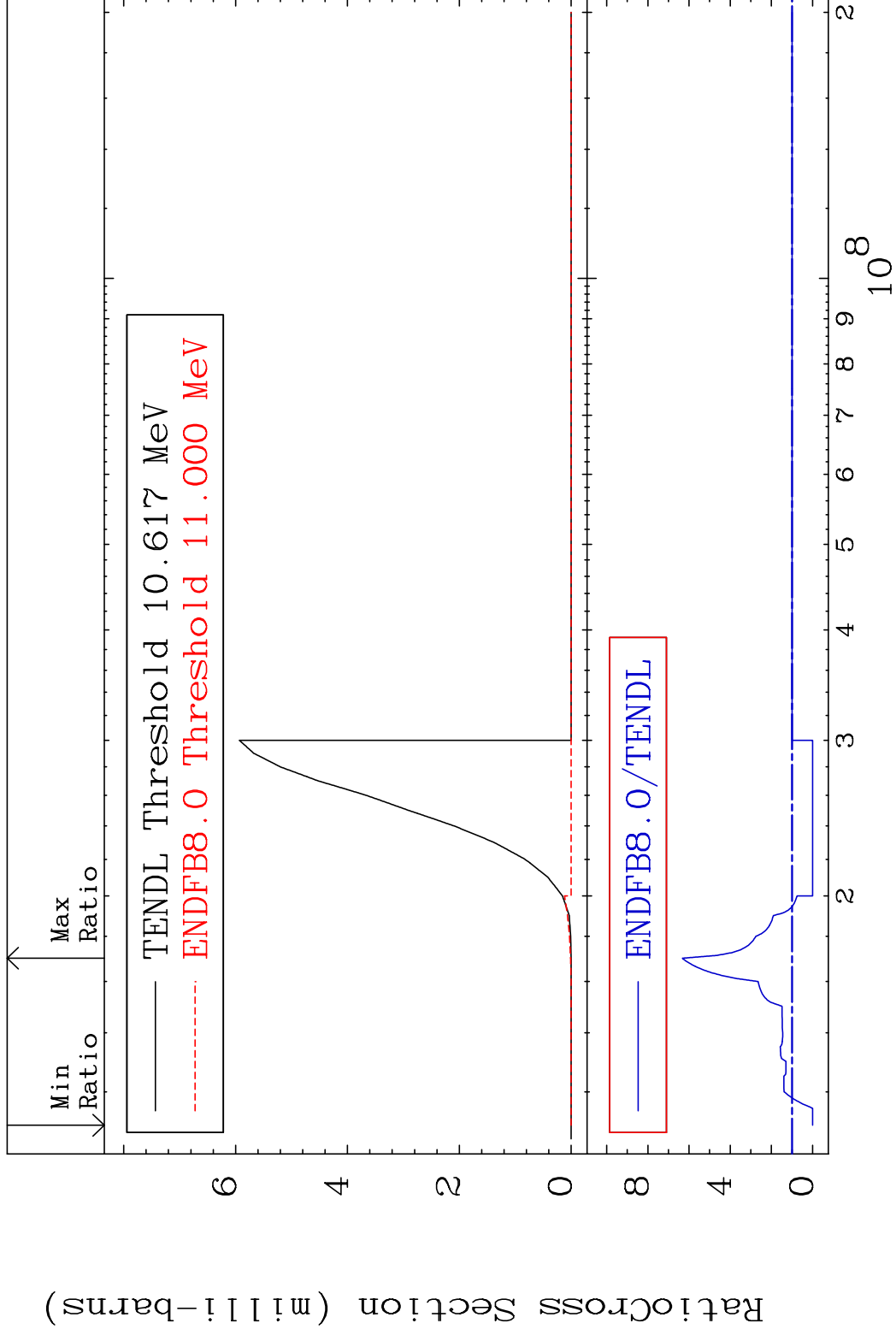
20-Ca-42

MAT 2031

(n, He-3)

20-Ca-42

Cross Section -100.0 To 532.6 %



31

Incident Energy (eV)

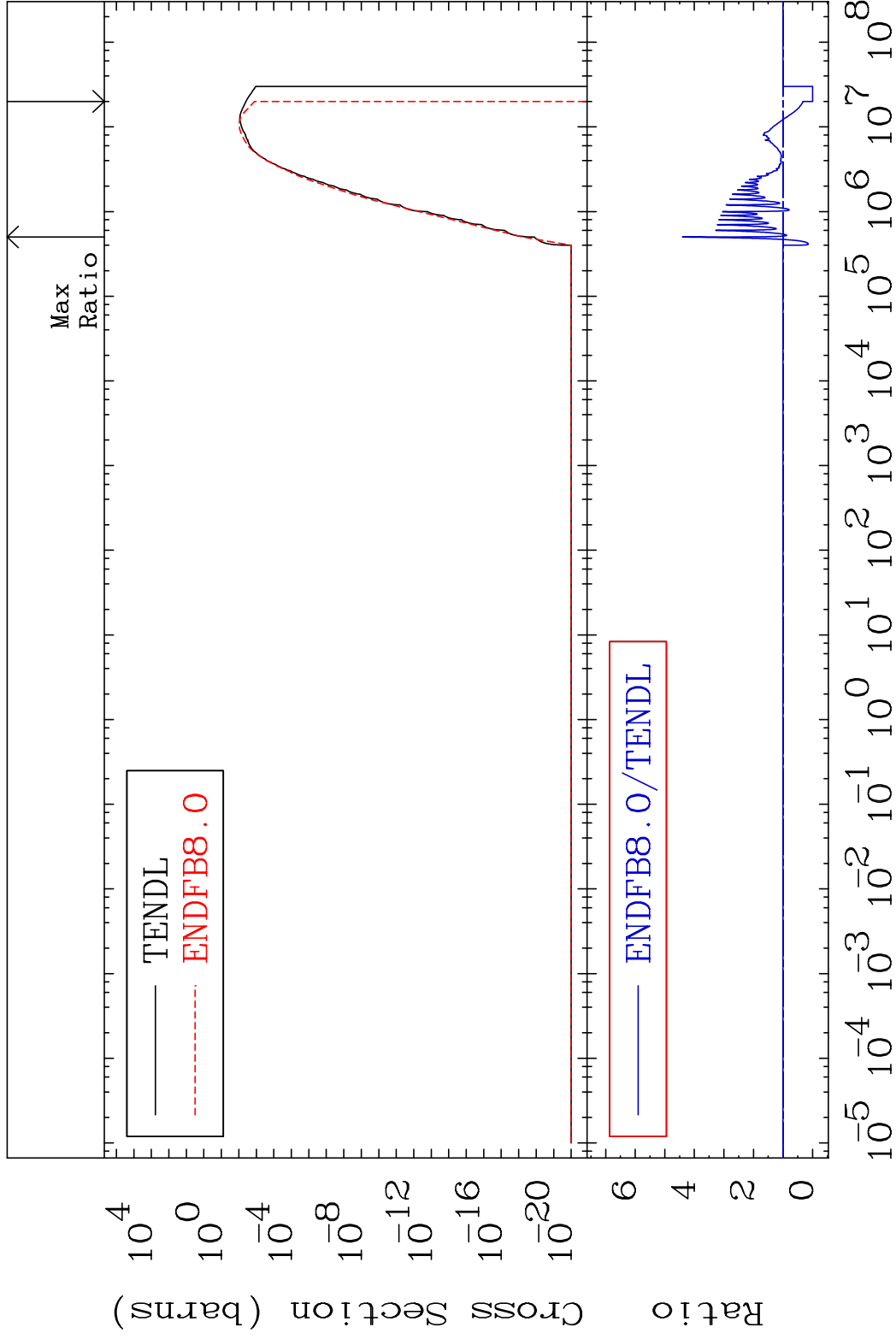
20-Ca-42

MAT 2031

(n, α)

20-Ca-42

Cross Section -100.0 To 340.5 %

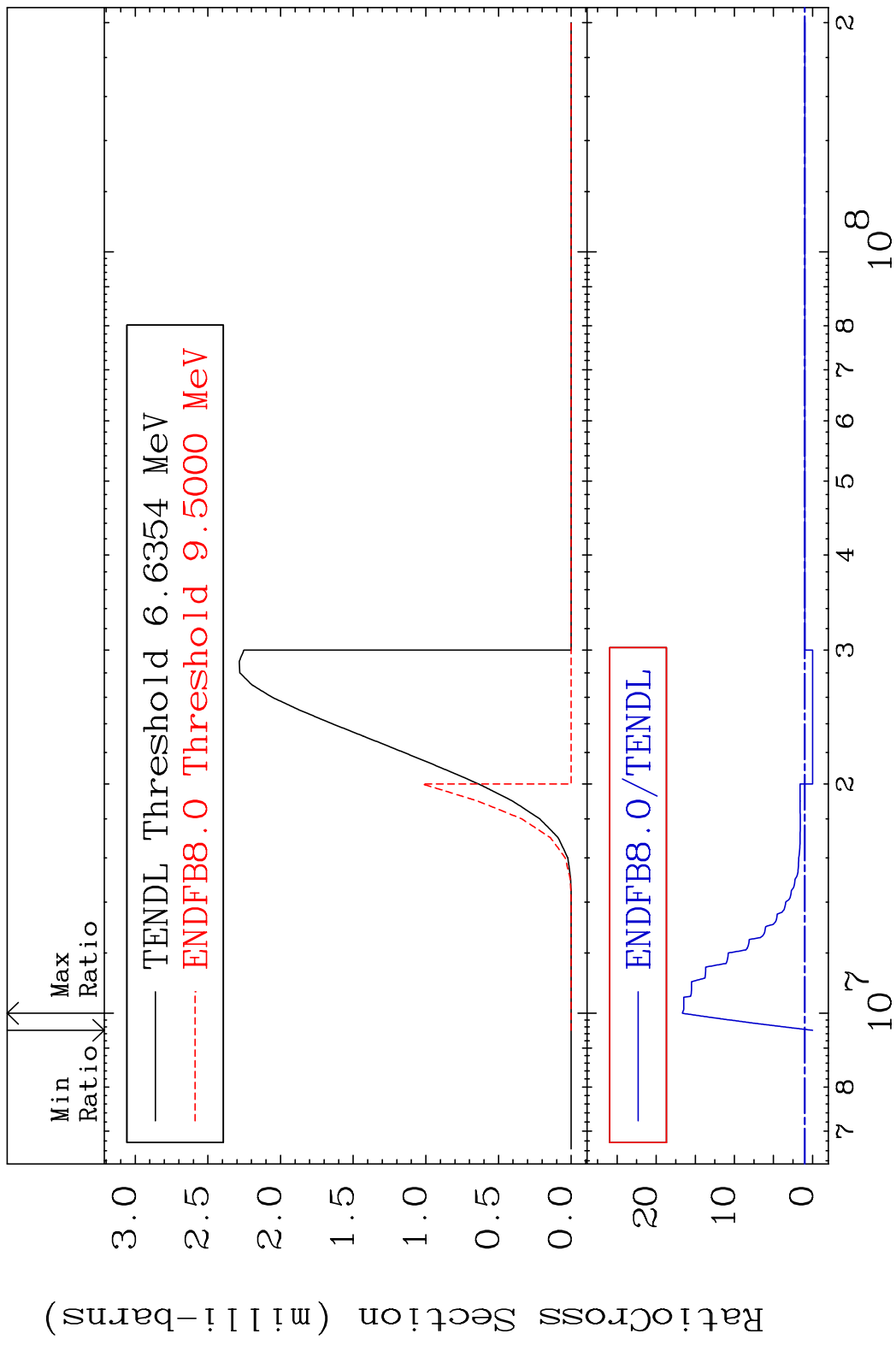


32

Incident Energy (eV)

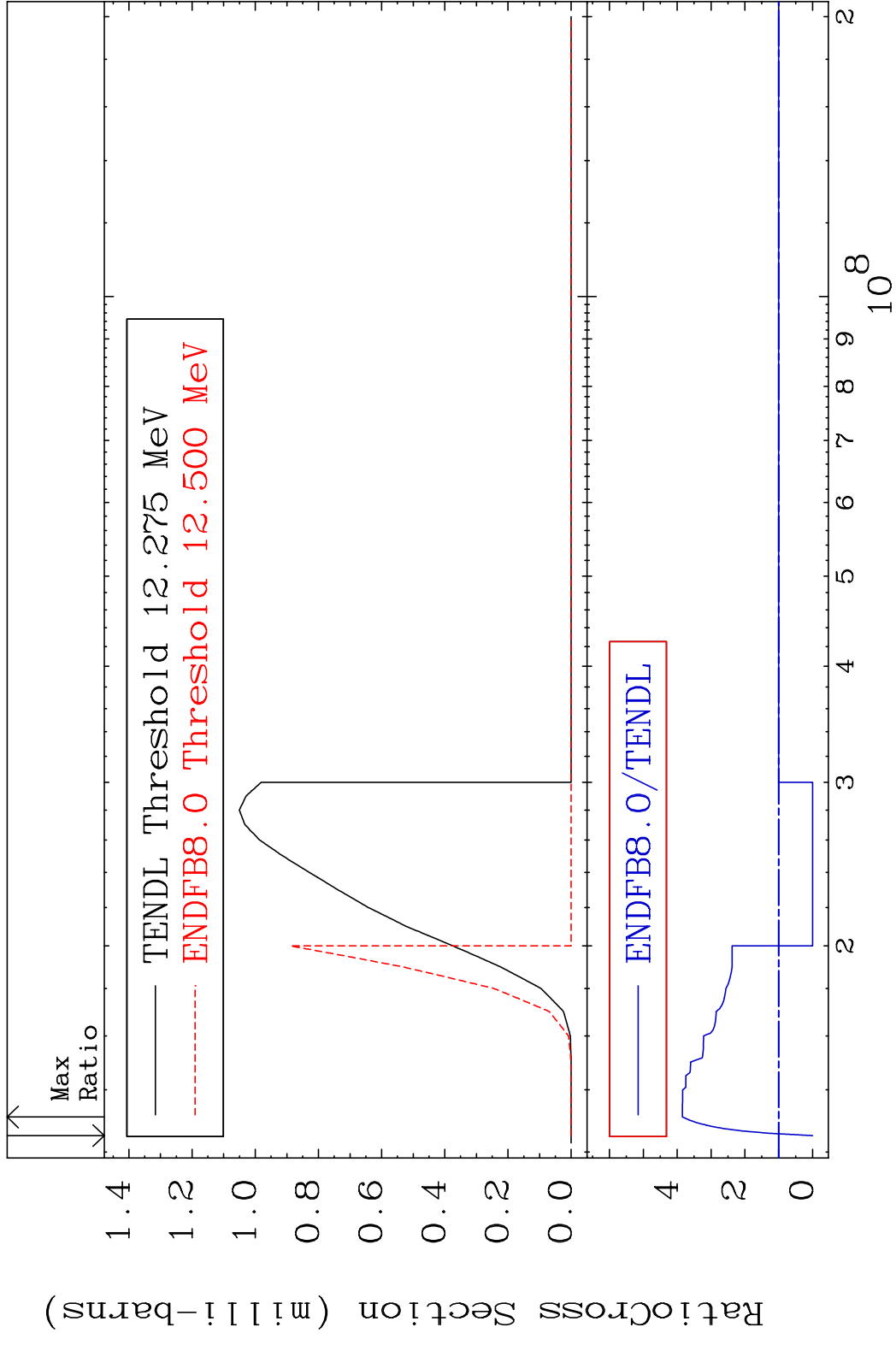
20-Ca-42

MAT 2031 (n,2α) 20-Ca-42
 Cross Section -100.0 To 1566. %

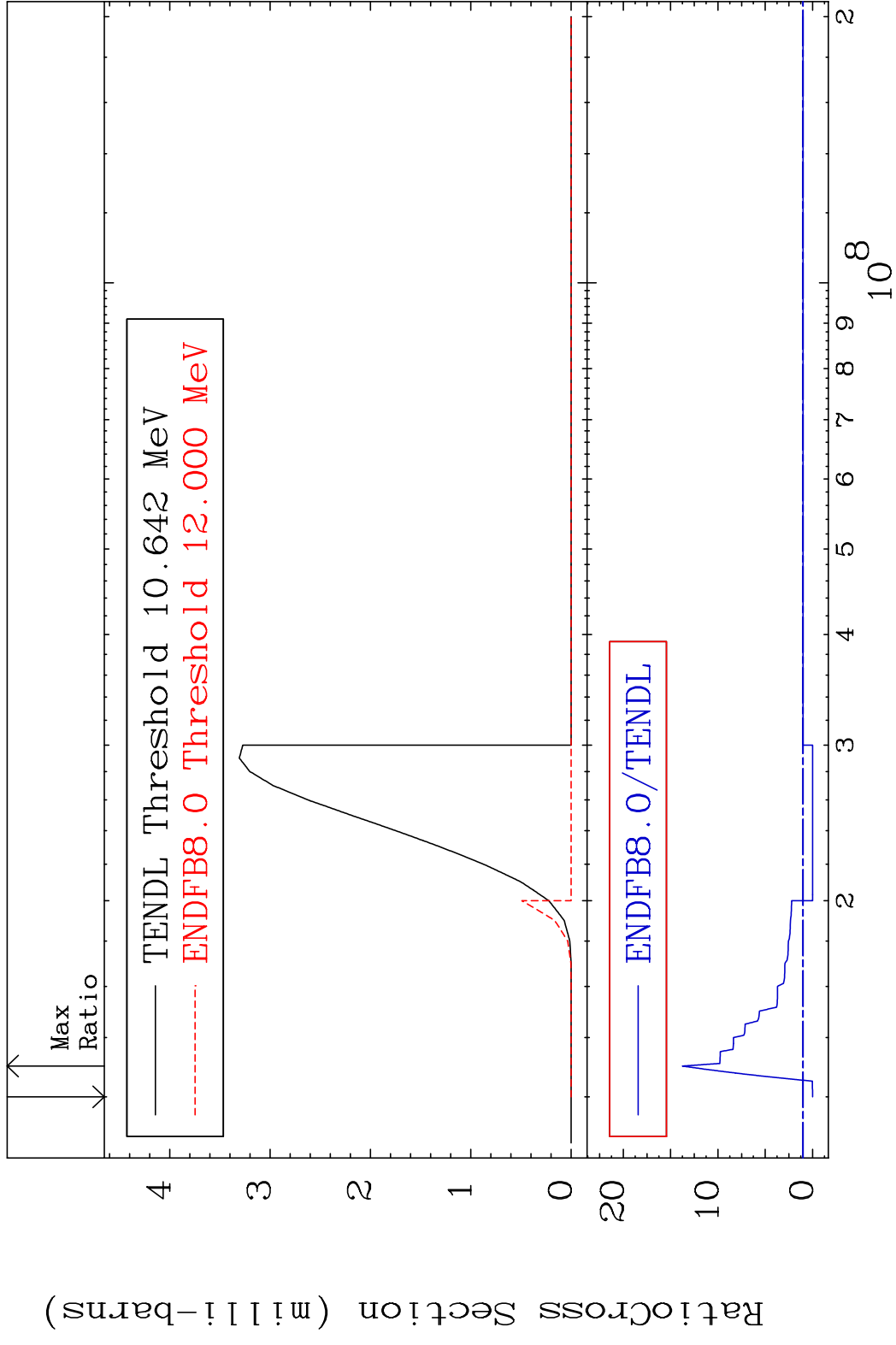


33 Incident Energy (eV) 20-Ca-42

MAT 2031 (n,2p) 20-Ca-42
 Cross Section -100.0 To 284.7 %

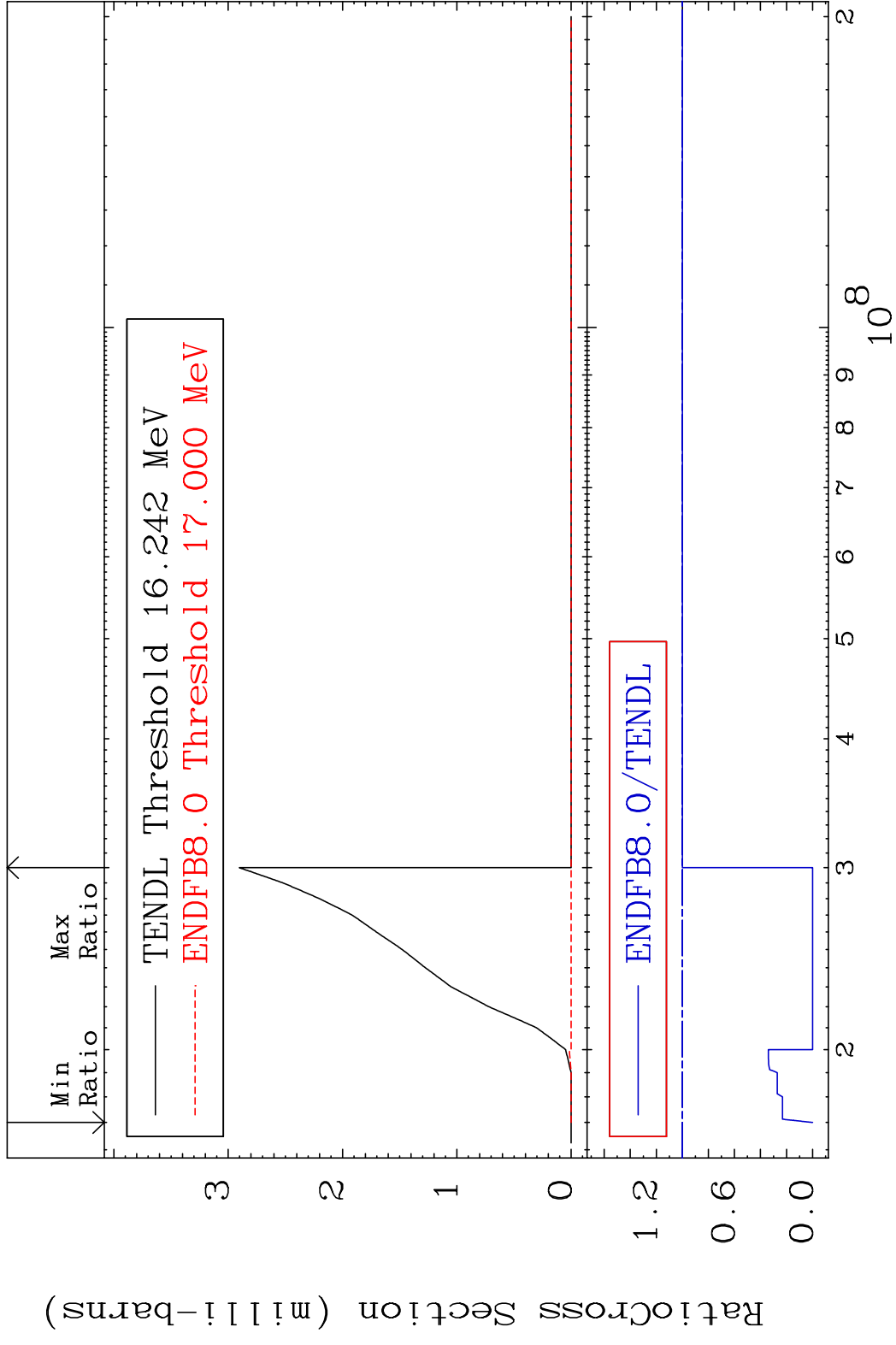


MAT 2031 (n,p) α 20-Ca-42
 Cross Section -100.0 To 1276. %

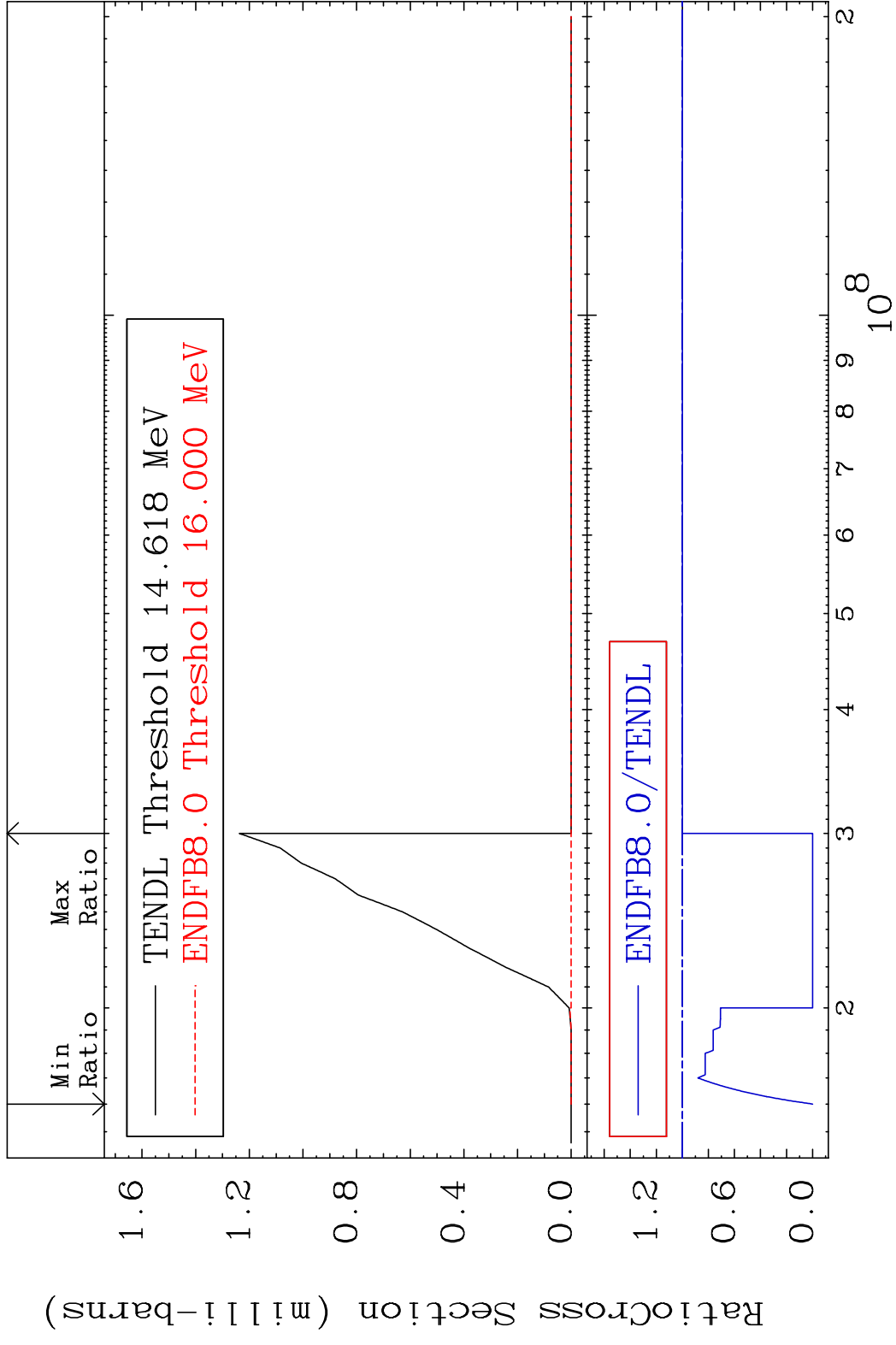


35 Incident Energy (eV) 20-Ca-42

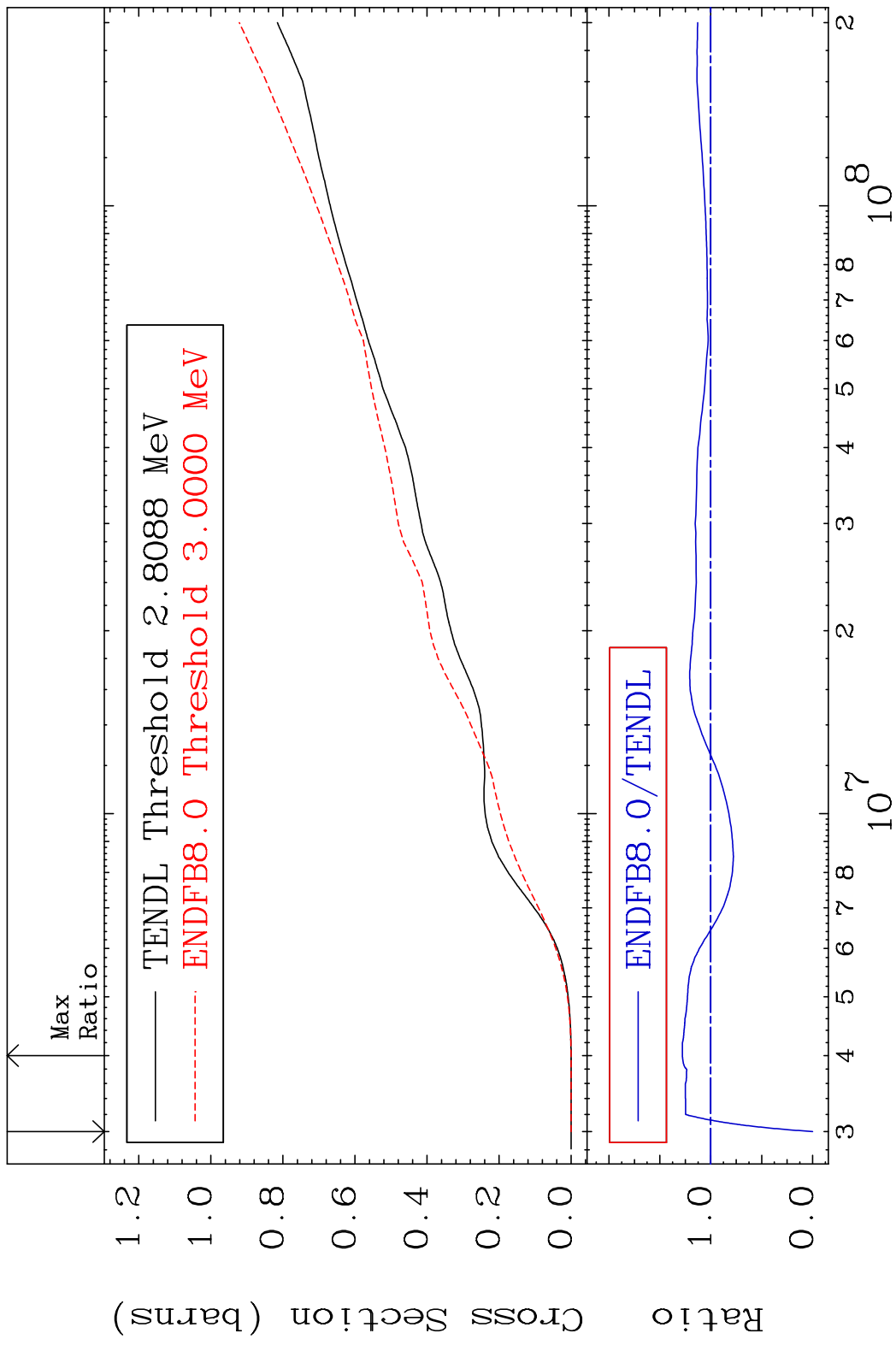
MAT 2031 (n,p) d 20-Ca-42
 Cross Section -100.0 To 0.000 %



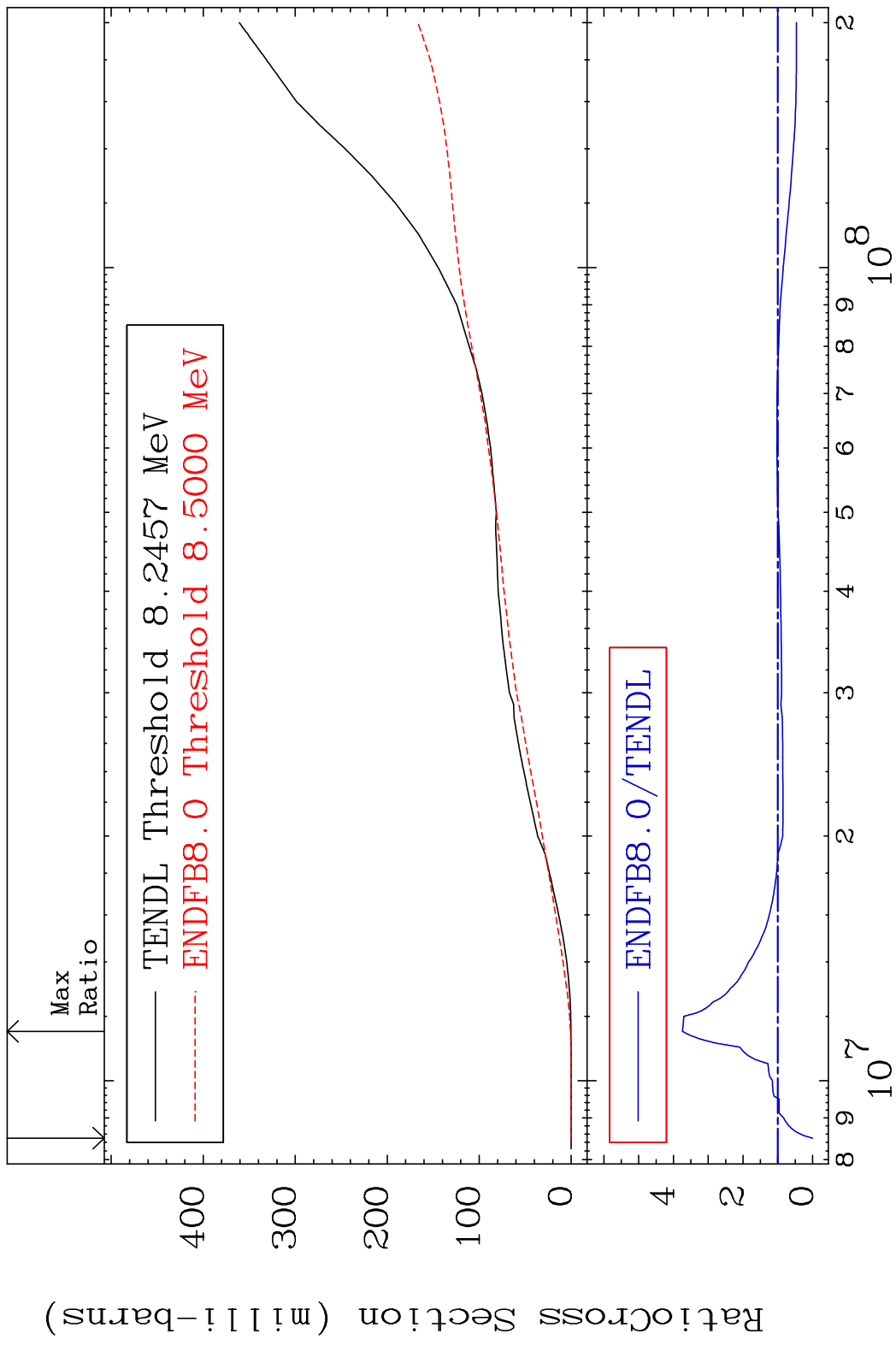
MAT 2031 (n,d) α 20-Ca-42
 Cross Section -100.0 To 0.000 %



MAT 2031 Hydrogen Production 20-Ca-42
 Cross Section -100.0 To 27.90 %



MAT 2031 Deuterium Production 20-Ca-42
 Cross Section -100.0 To 274.5 %



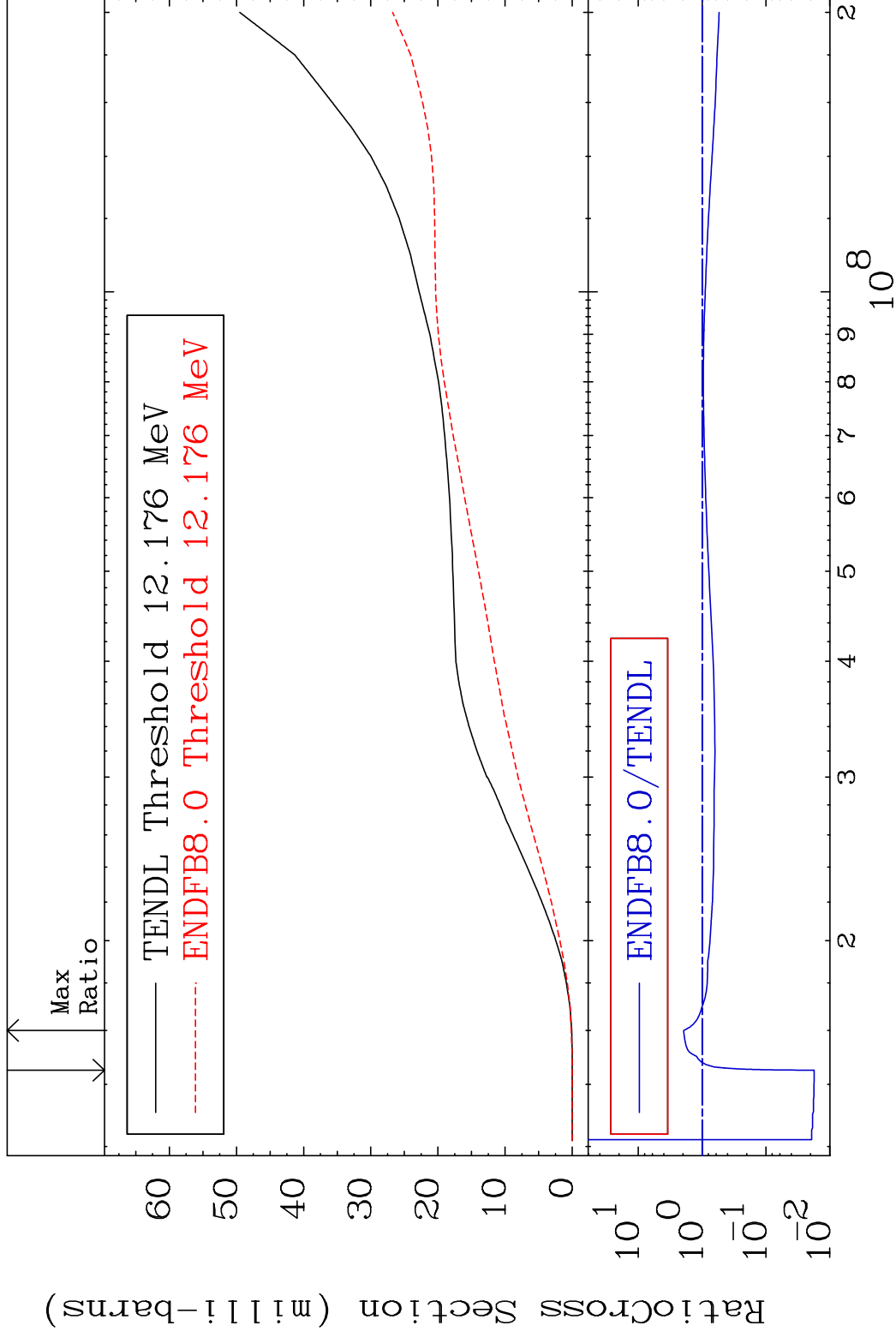
39 20-Ca-42

MAT 2031

Tritium Production

20-Ca-42

Cross Section -98.25 To 94.58 %

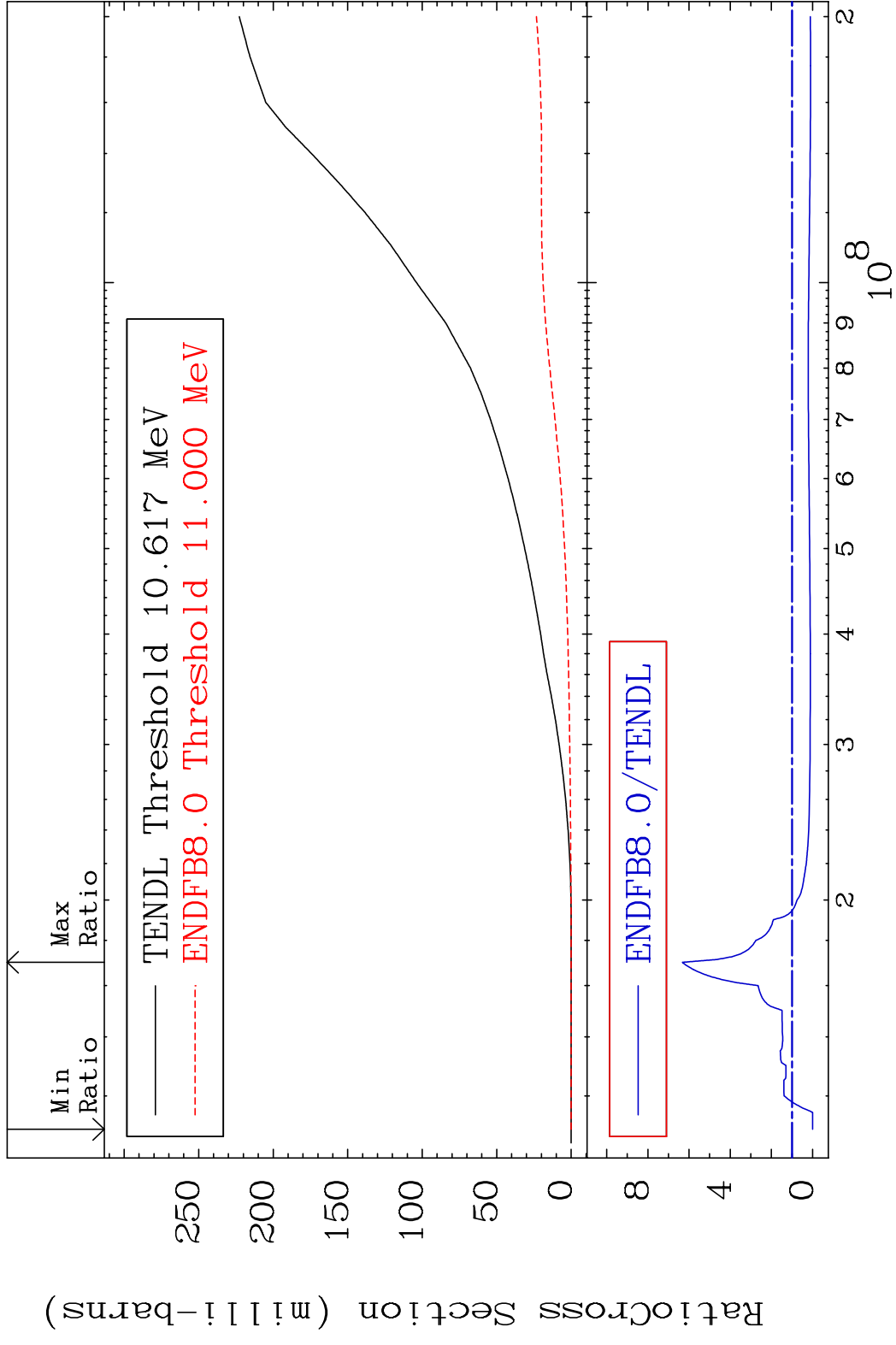


40

Incident Energy (eV)

20-Ca-42

MAT 2031 He-3 Production 20-Ca-42
 Cross Section -100.0 To 532.6 %

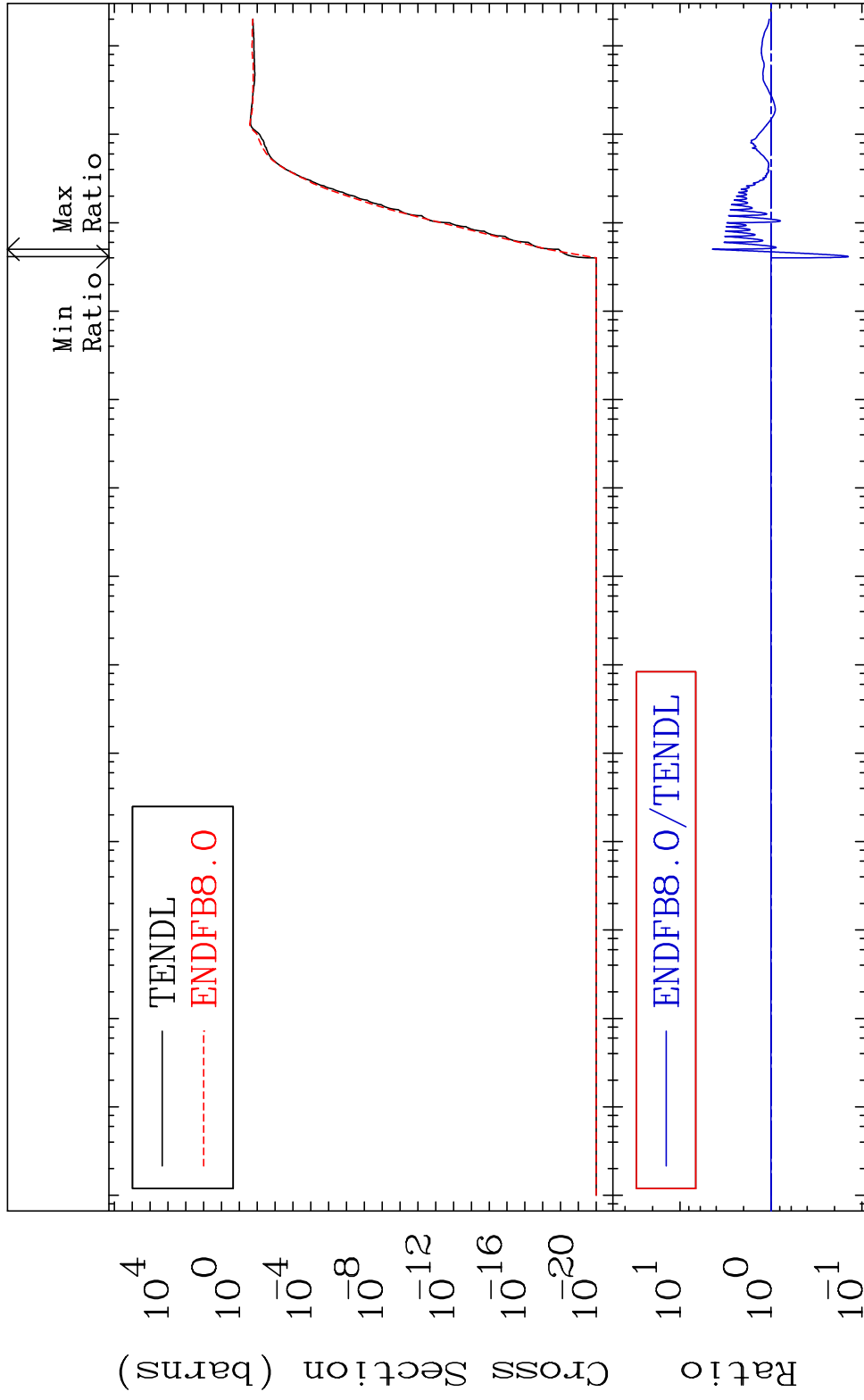


MAT 2031

He-4 Production

20-Ca-42

Cross Section -85.85 To 340.5 %

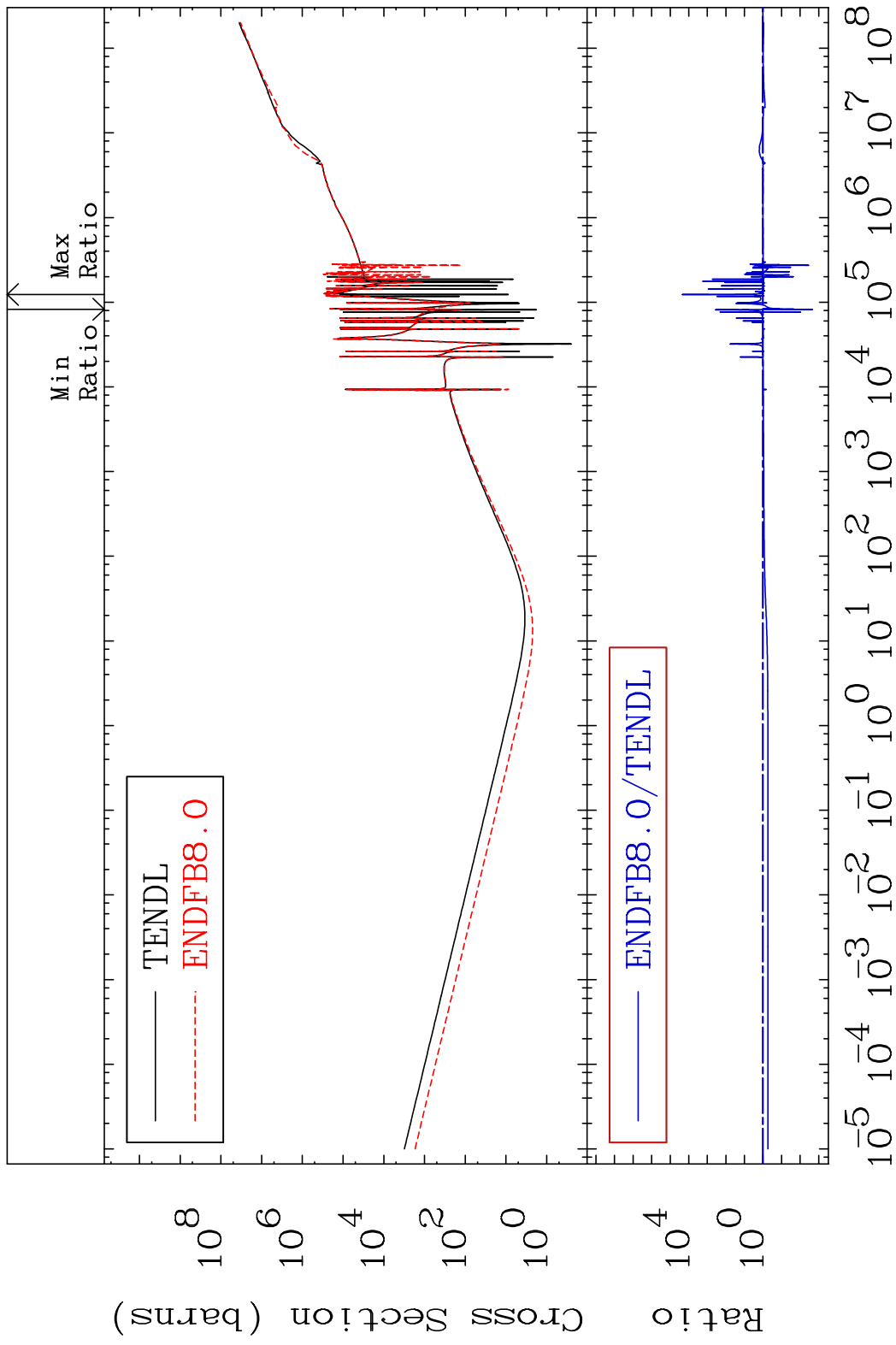


42

Incident Energy (eV)

20-Ca-42

MAT 2031 Kerma total (eV-barns) 20-Ca-42
 Cross Section -99.79 To 9999. %

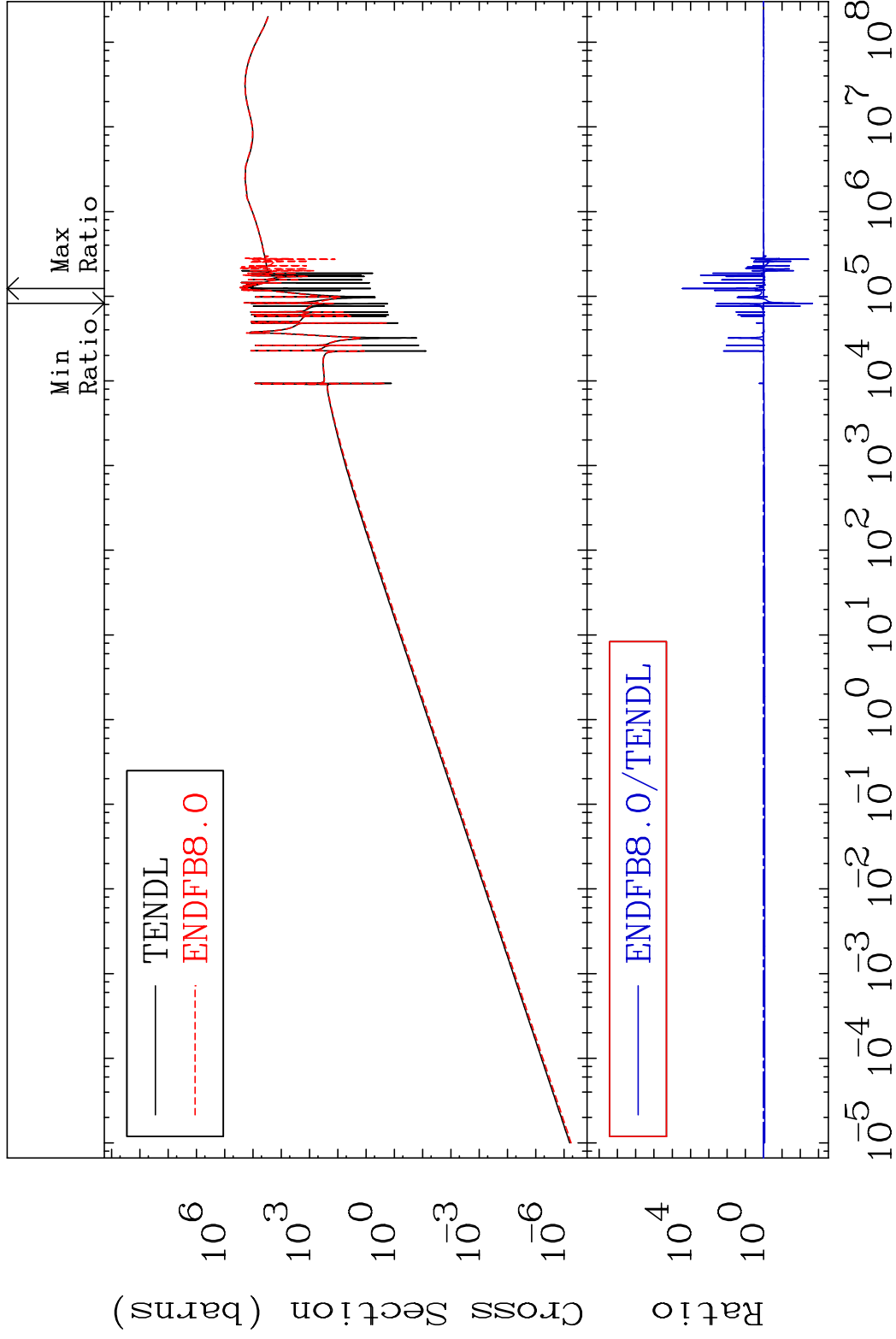


43 Incident Energy (eV) 20-Ca-42

MAT 2031

Kerma elastic
Cross Section

20-Ca-42
-99.79 To 9999. %

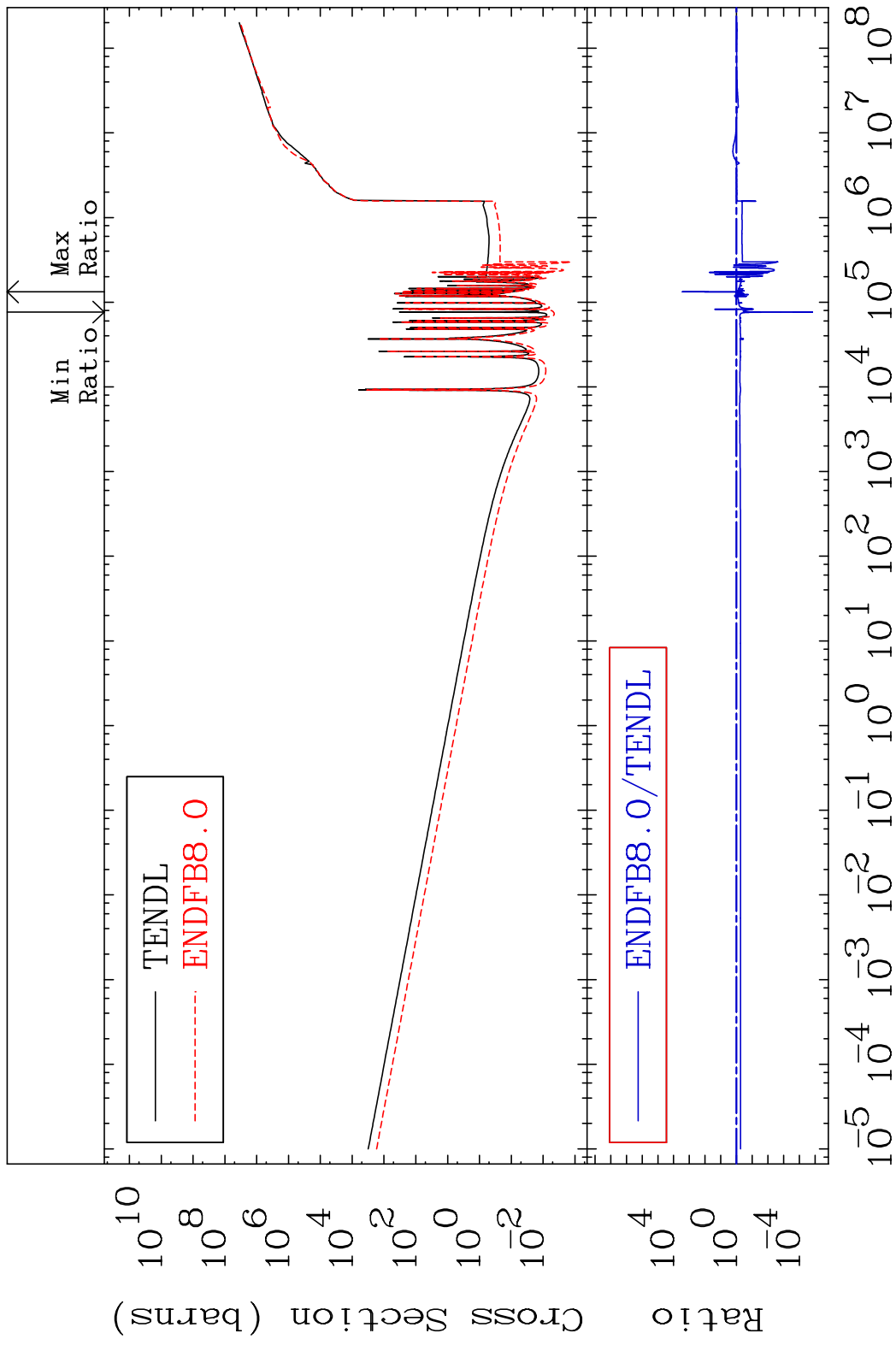


44

Incident Energy (eV)

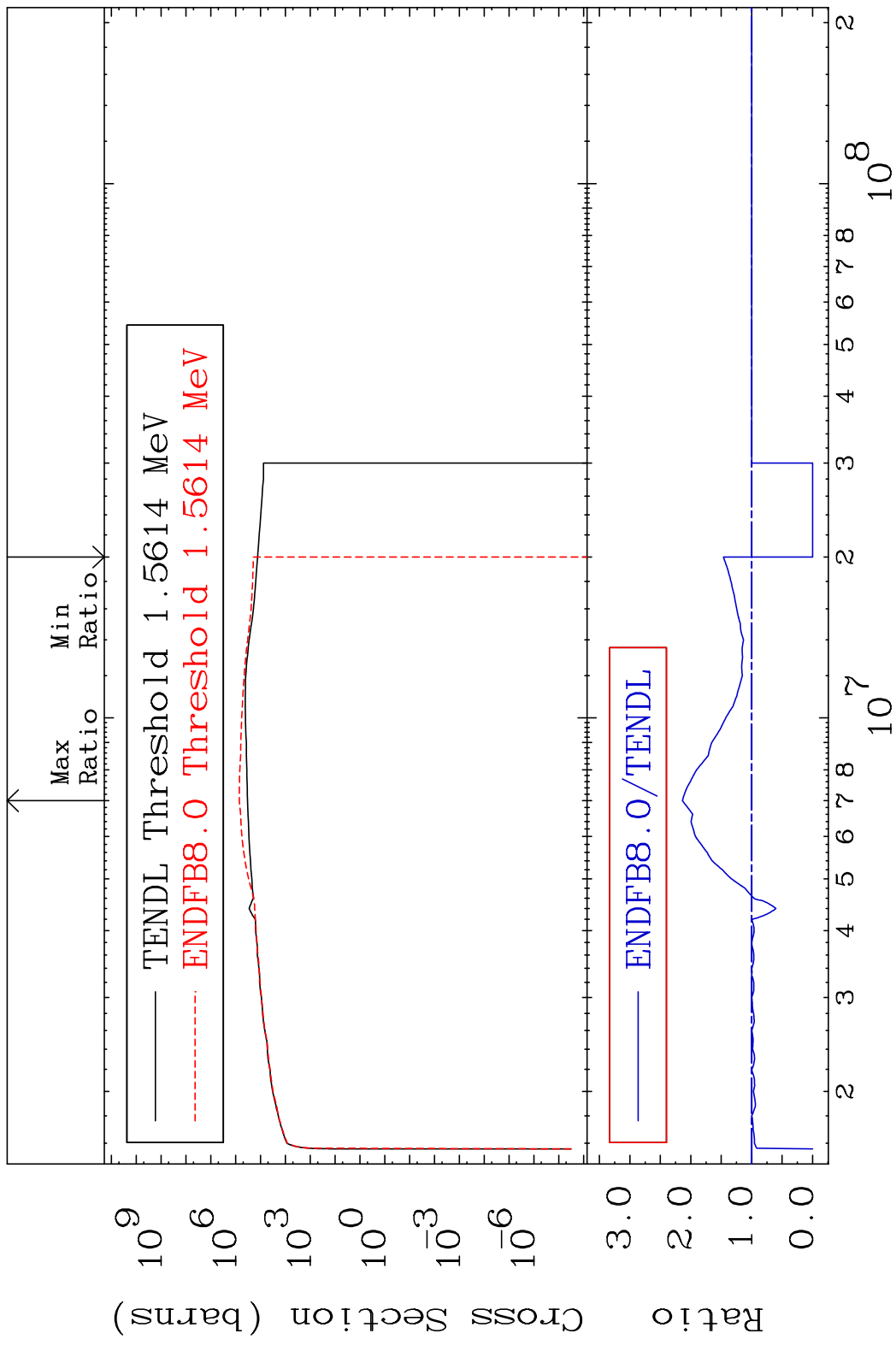
20-Ca-42

MAT 2031 Kerma non-elastic (all but mt2) 20-Ca-42
 Cross Section -100.0 To 9999. %

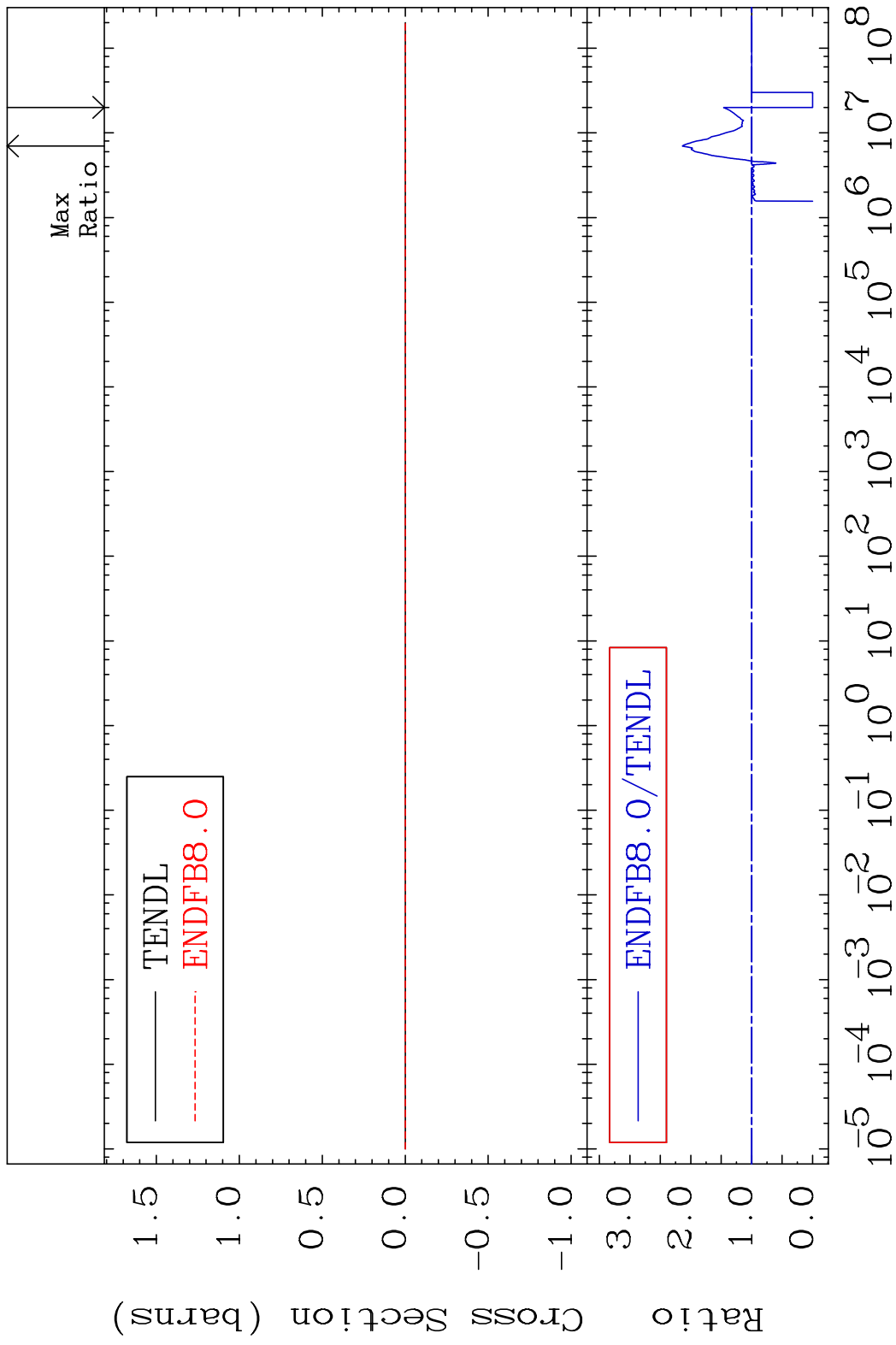


45 Incident Energy (eV) 20-Ca-42

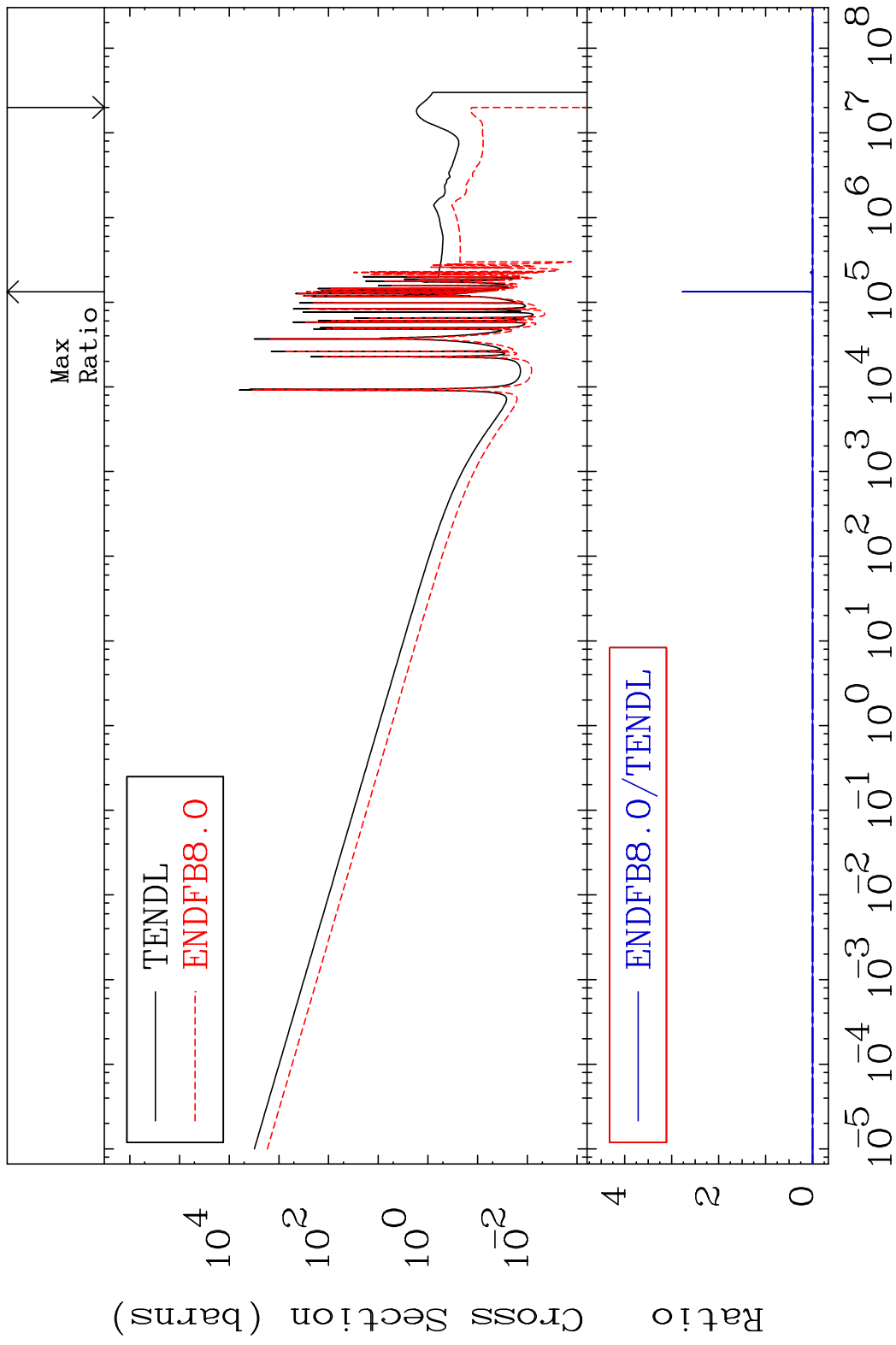
MAT 2031 Kerma inelastic (mt51-91) 20-Ca-42
 Cross Section -100.0 To 113.9 %



MAT 2031 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-42
 Cross Section -100.0 To 113.9 %

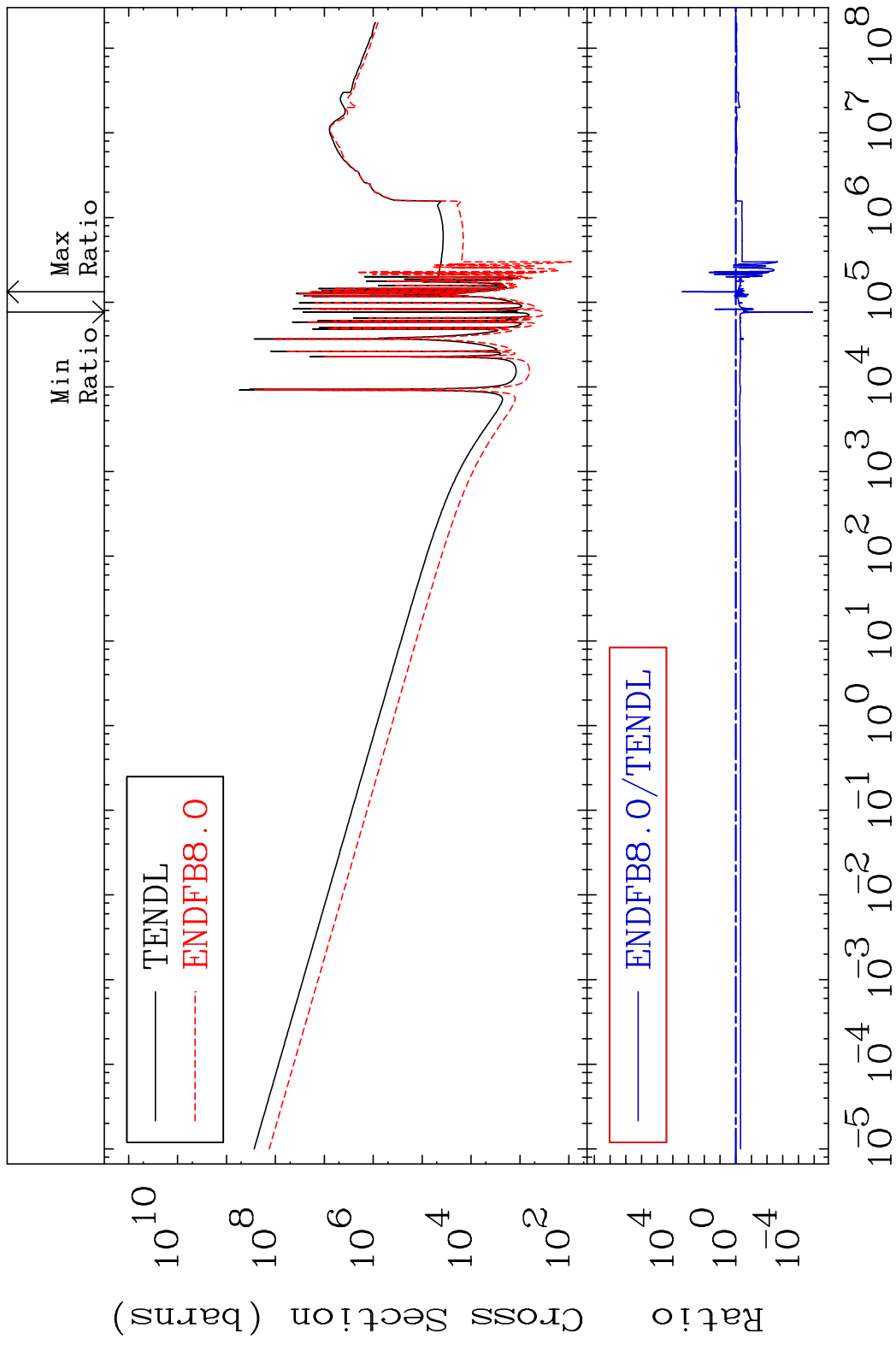


MAT 2031 Kerma capture (mt102) 20-Ca-42
 Cross Section -100.0 To 9999. %



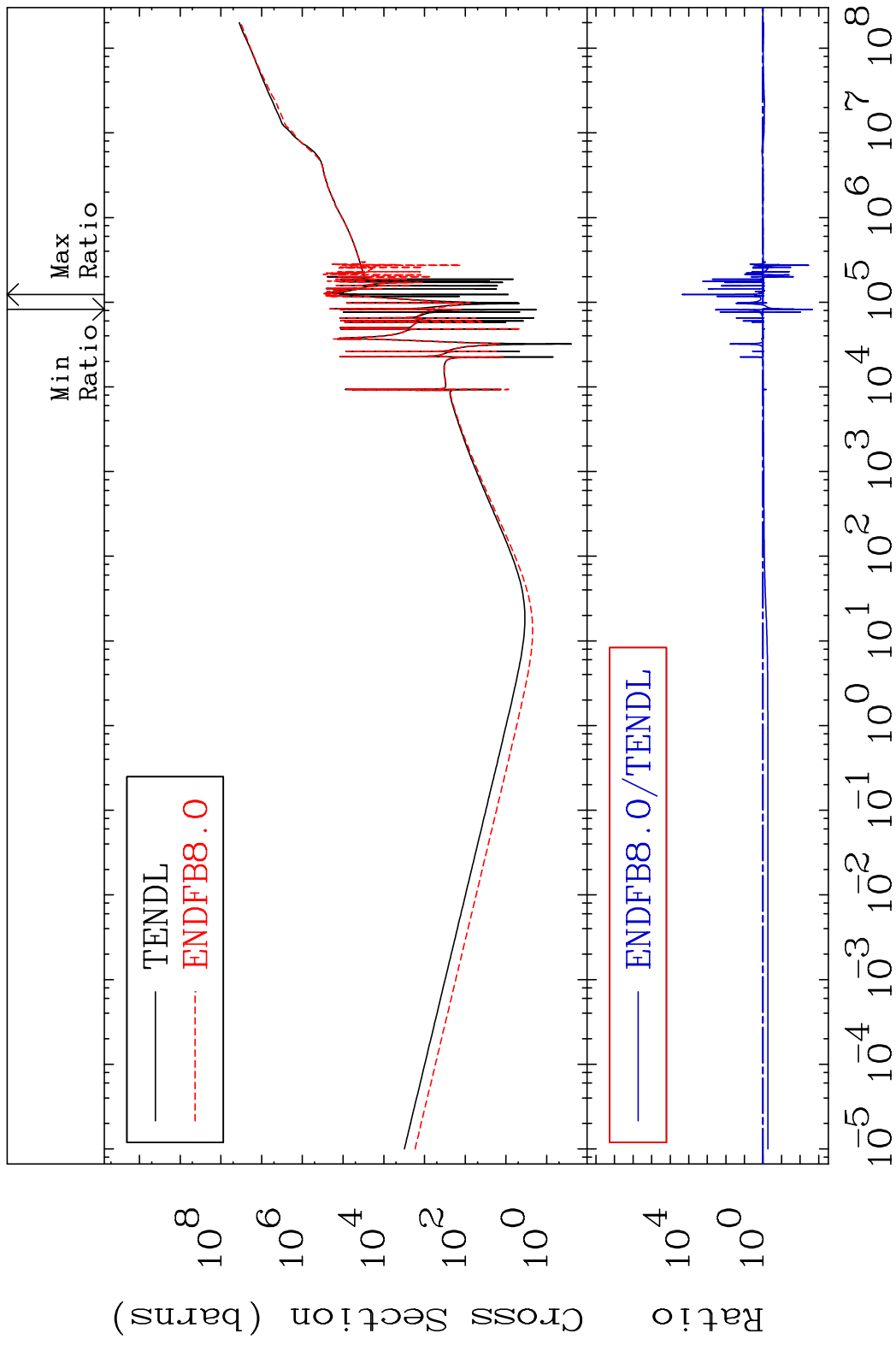
48 Incident Energy (eV) 20-Ca-42

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

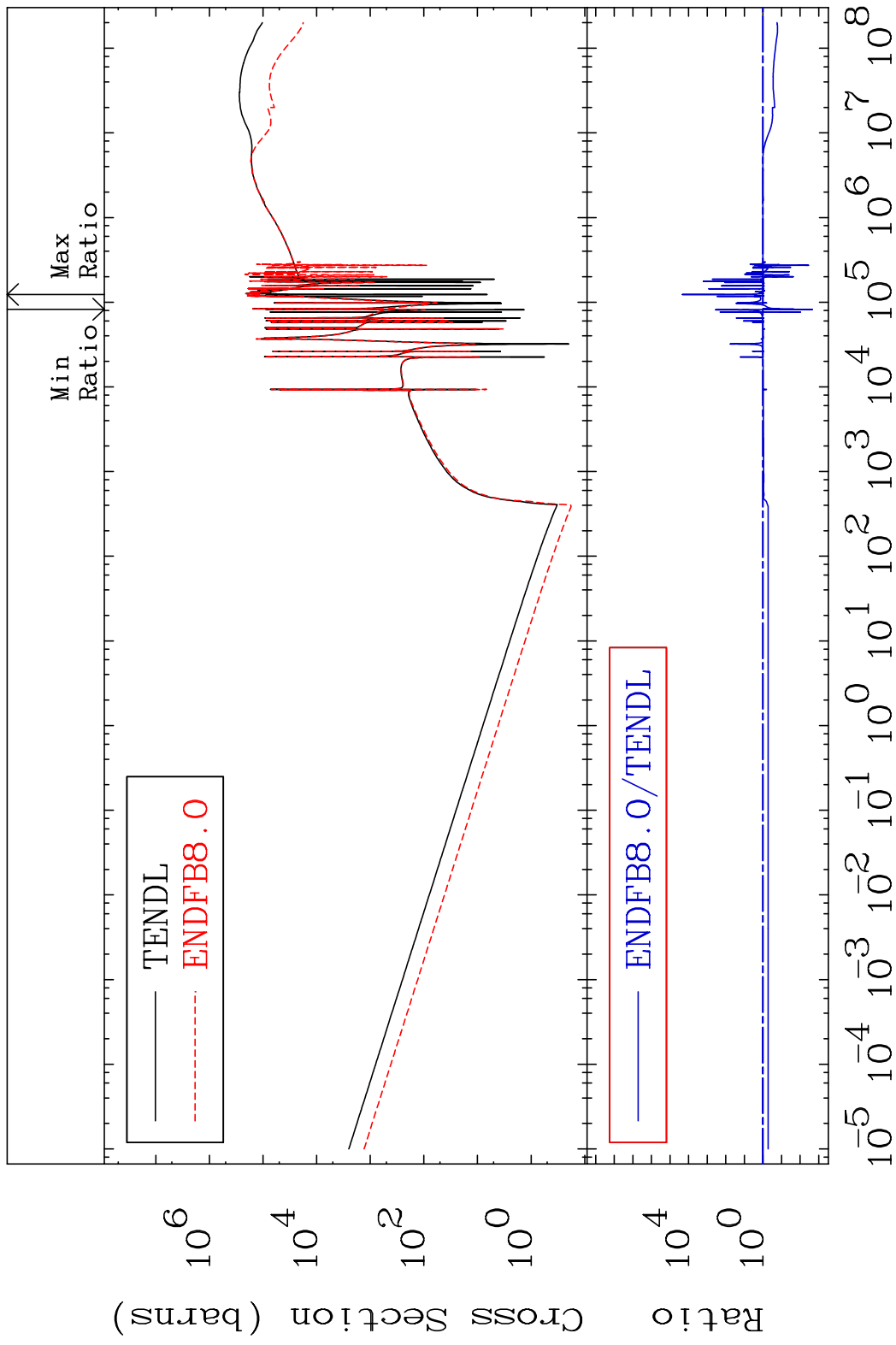


49 Incident Energy (eV) 20-Ca-42

MAT 2031 Total kinematic kerma (high limit) 20-Ca-42
 Cross Section -99.79 To 9999. %



MAT 2031 Dpa total (eV-barns) 20-Ca-42
 Cross Section -99.79 To 9999. %



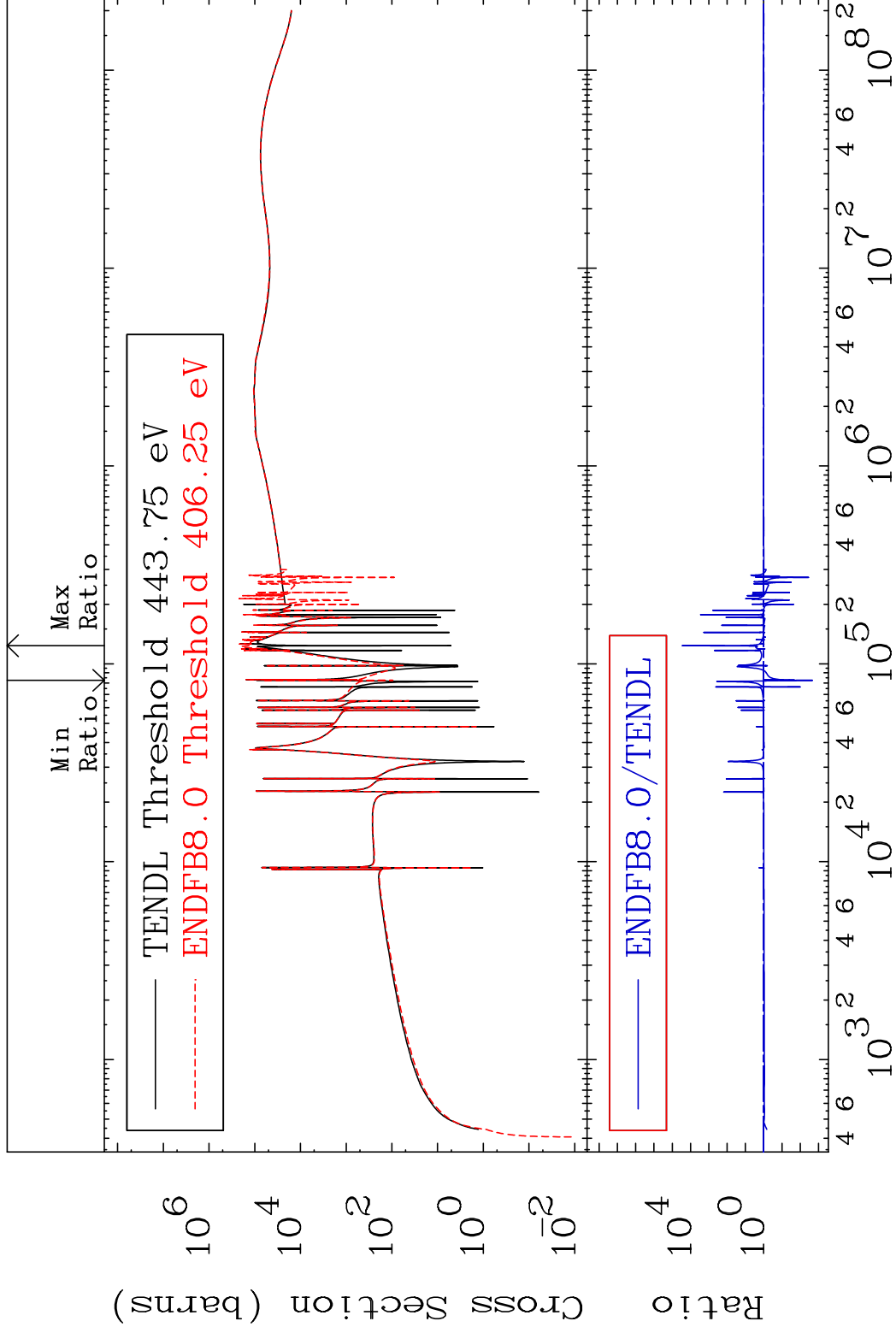
MAT 2031

Dpa elastic (mt2)

20-Ca-42

Cross Section

-99.79 To 9999. %

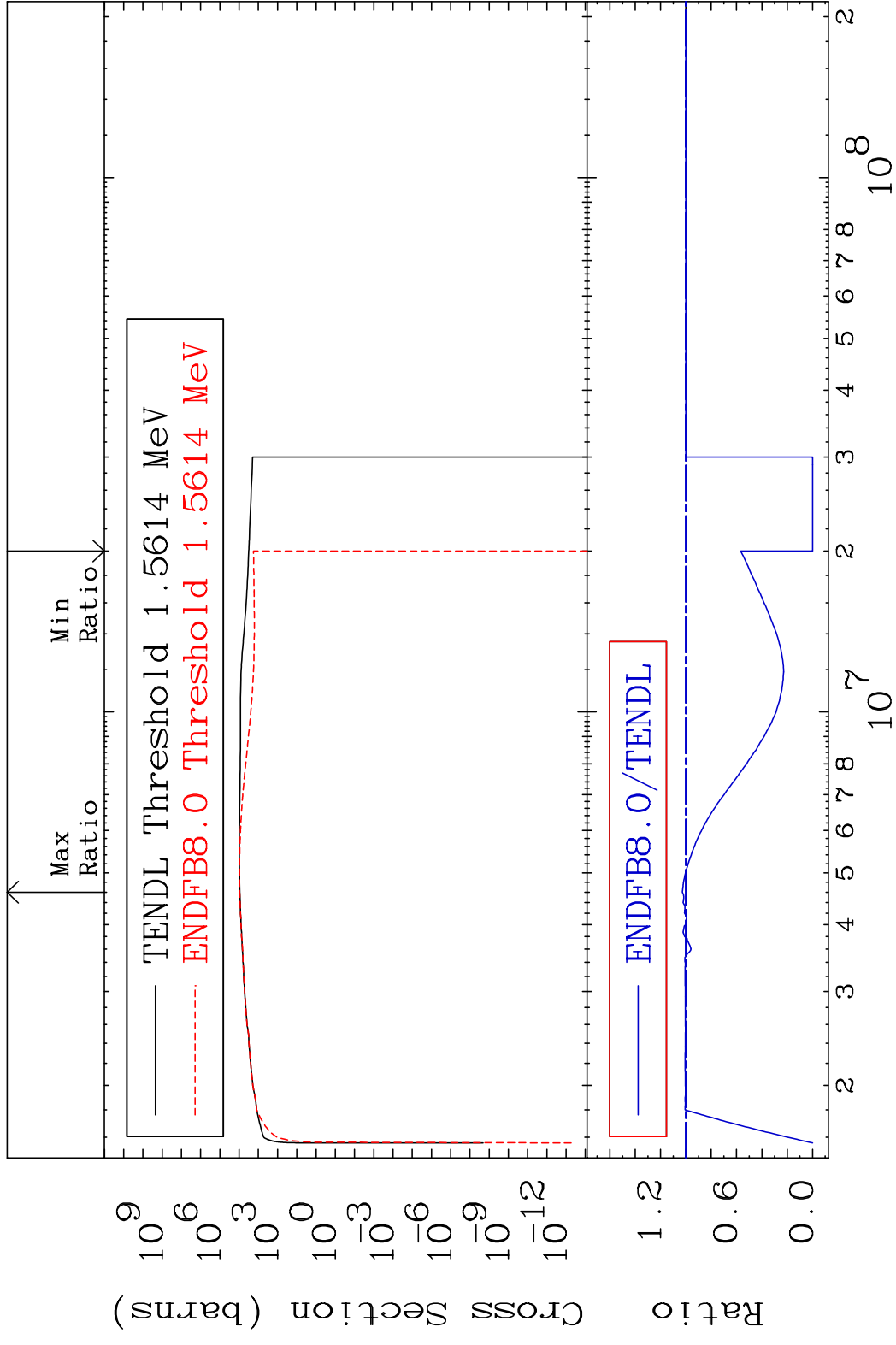


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Incident Energy (eV)

20-Ca-42

MAT 2031 Dpa inelastic (mt51-91) 20-Ca-42
 Cross Section -100.0 To 2.782 %



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

