

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

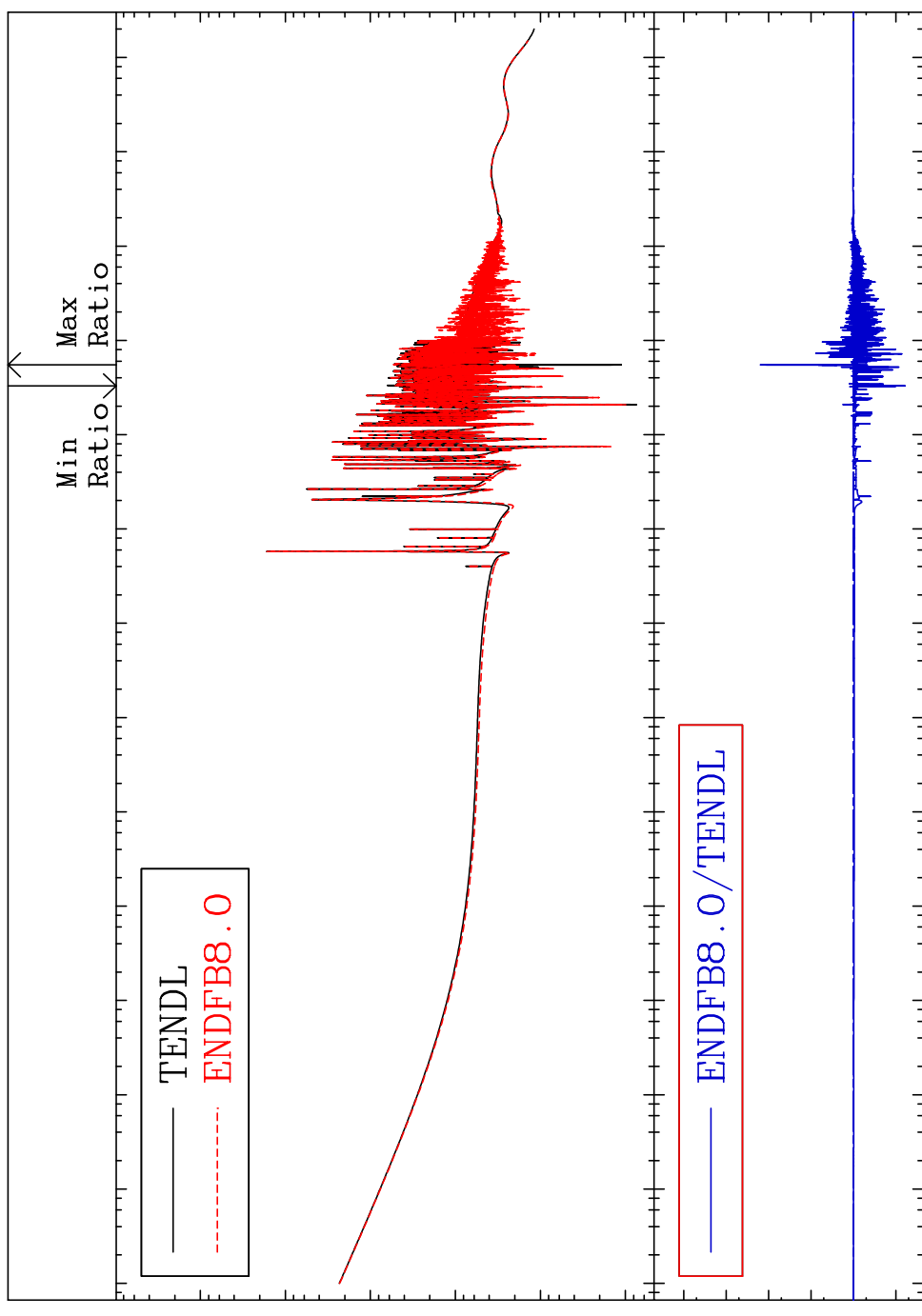
MAT 2925

Total

29-Cu-63

Cross Section

-93.99 To 9999. %



Cross Section (barns)

Ratio

Incident Energy (eV)

1

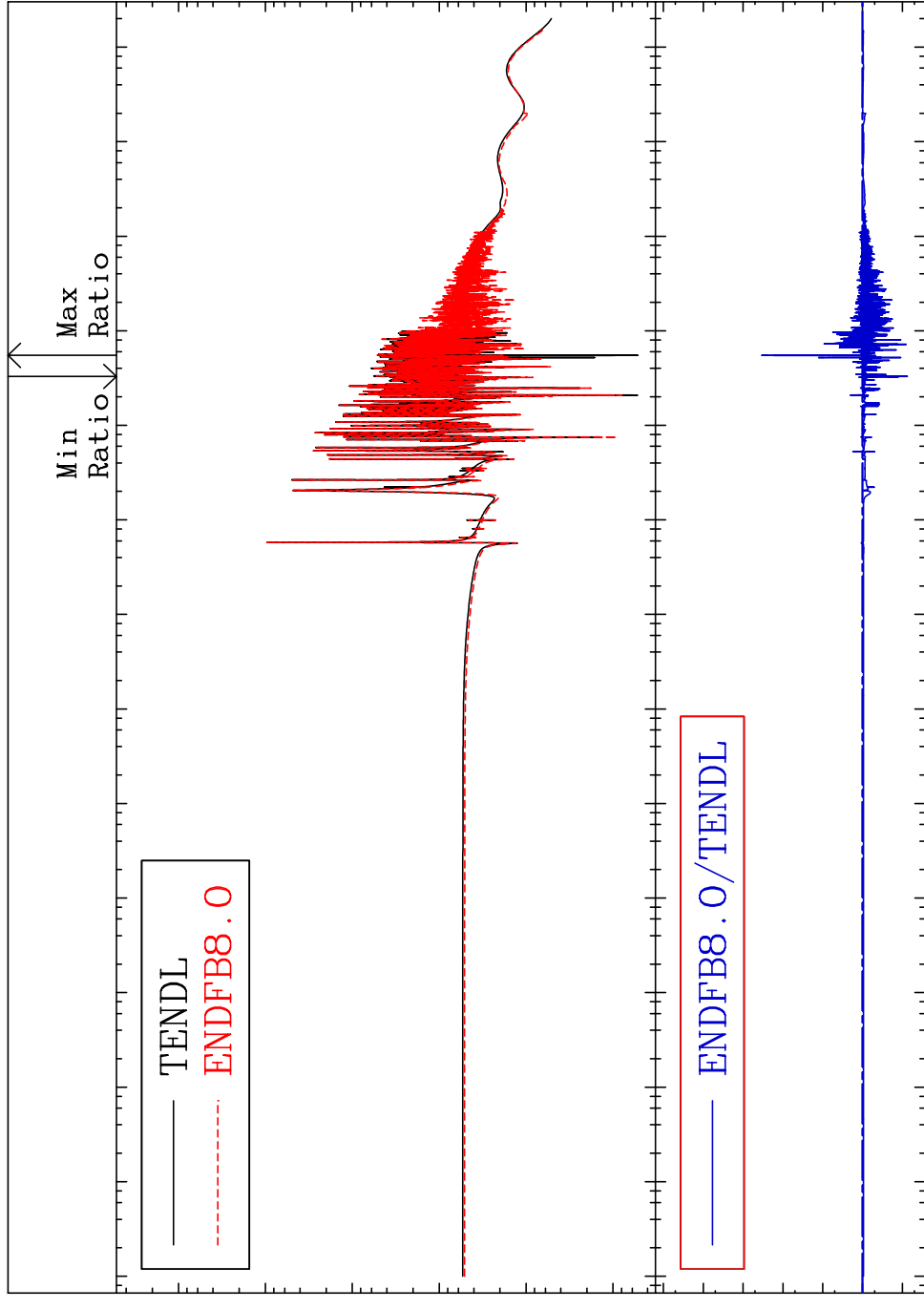
29-Cu-63

MAT 2925

Elastic

29-Cu-63

Cross Section -92.43 To 9999. %



Cross Section (barns)
 10^4
 10^3
 10^2
 10^1
 10^0
 10^{-1}

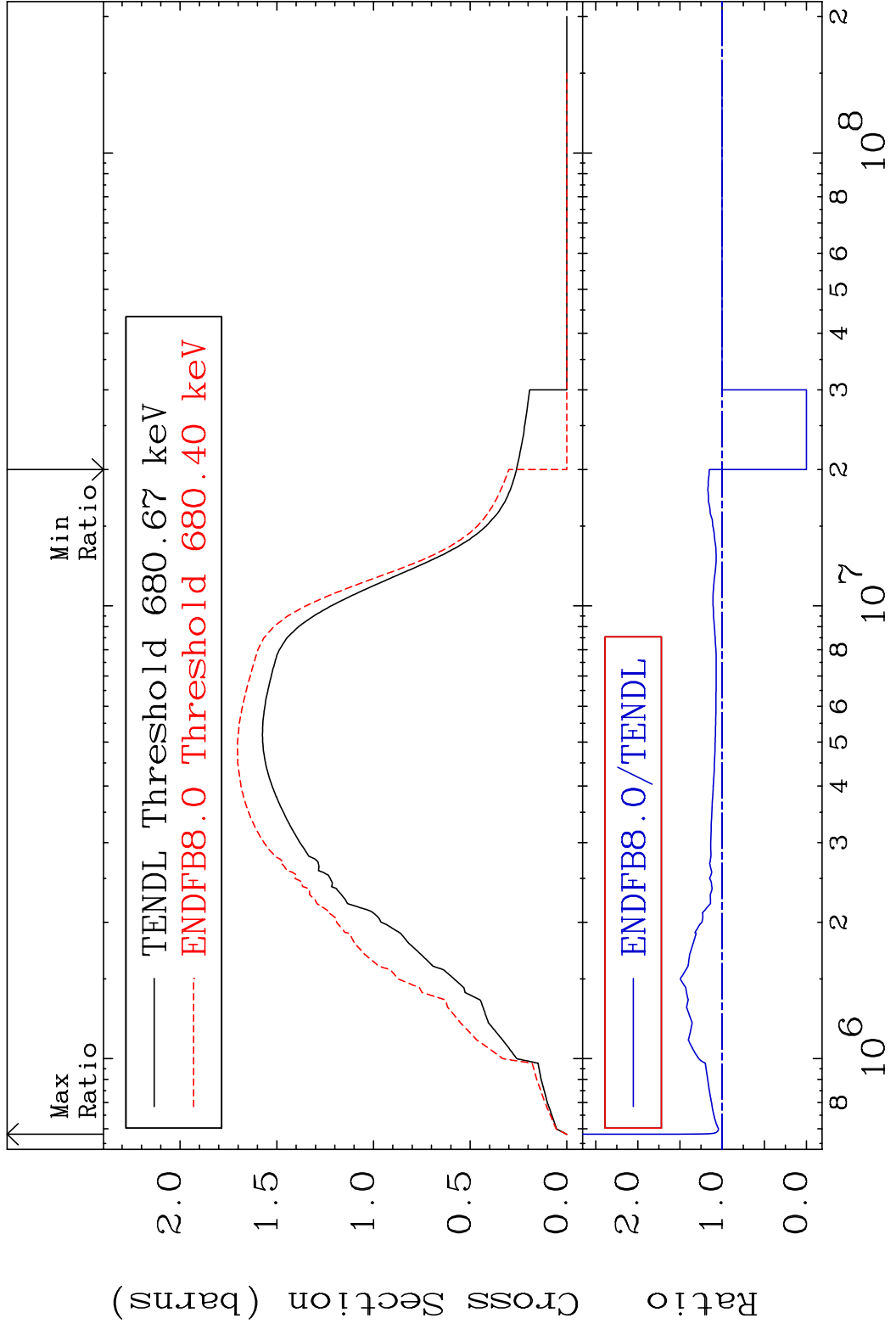
Ratio
 10^2
 10^0

Incident Energy (eV)
 10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

2

29-Cu-63

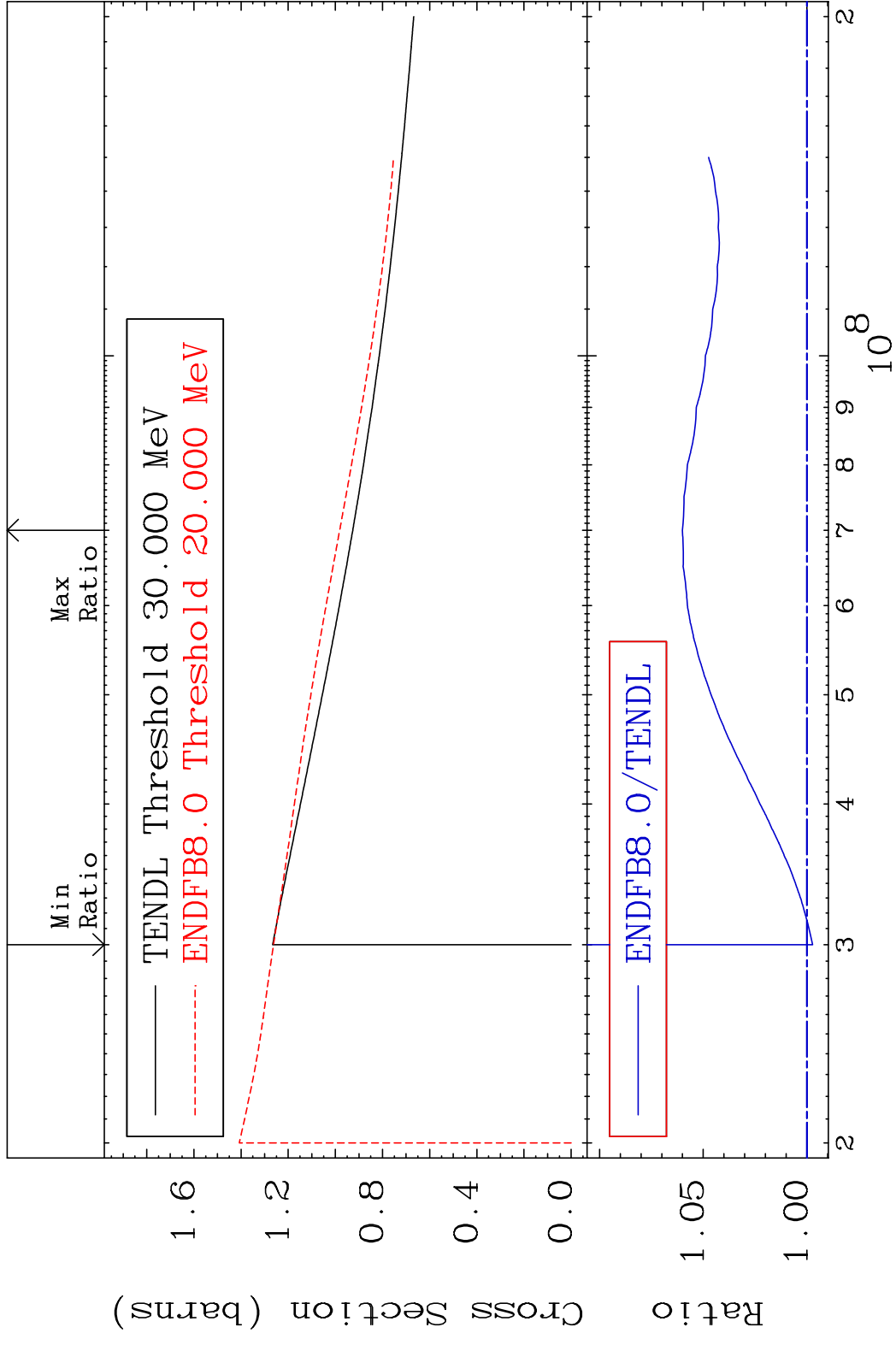
MAT 2925 Inelastic 29-Cu-63
 Cross Section -100.0 To 53.34 %



3 Incident Energy (eV) 29-Cu-63

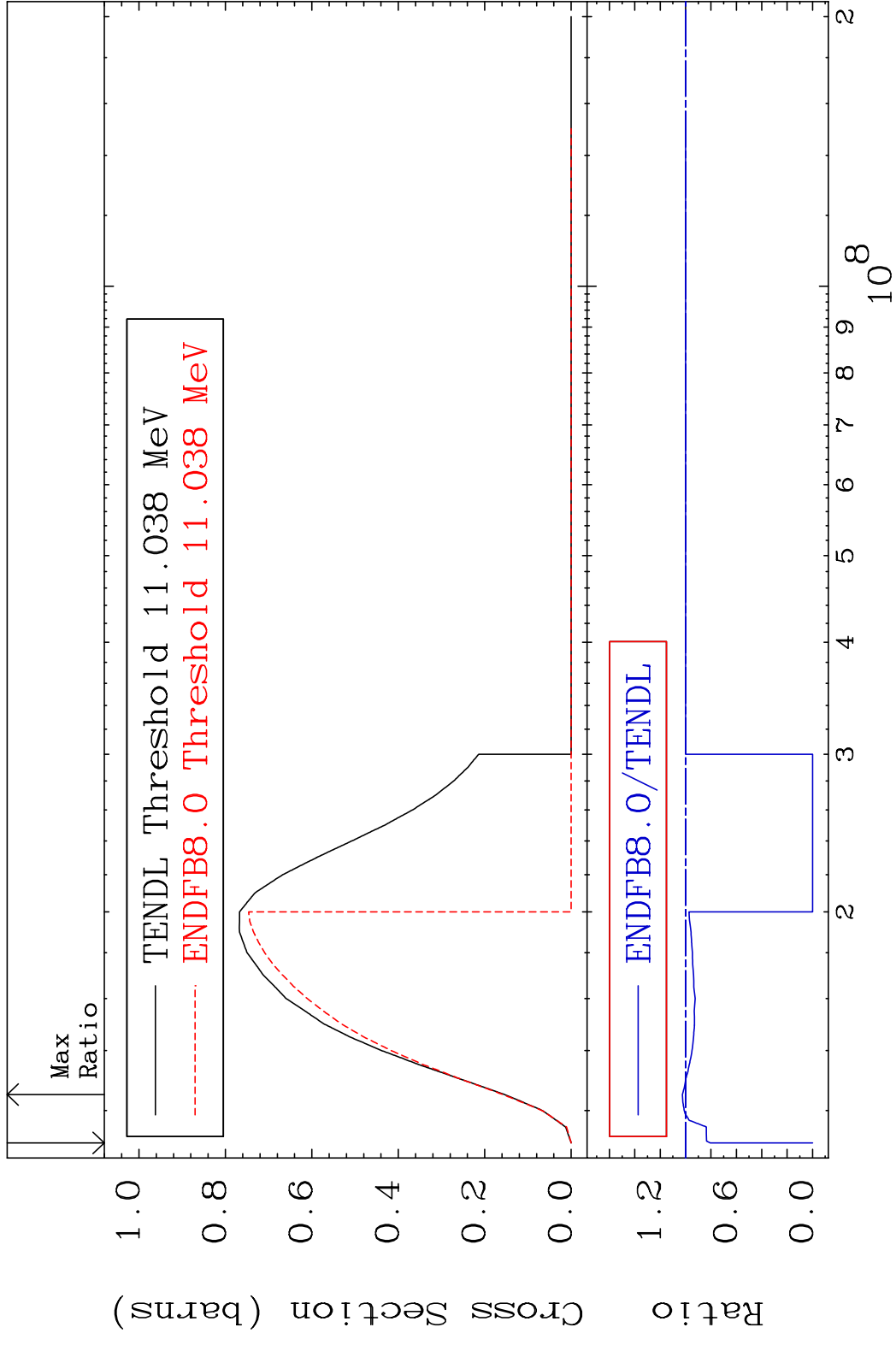
MAT 2925

(n, remainder) 29-Cu-63
Cross Section -0.276 To 6.007 %

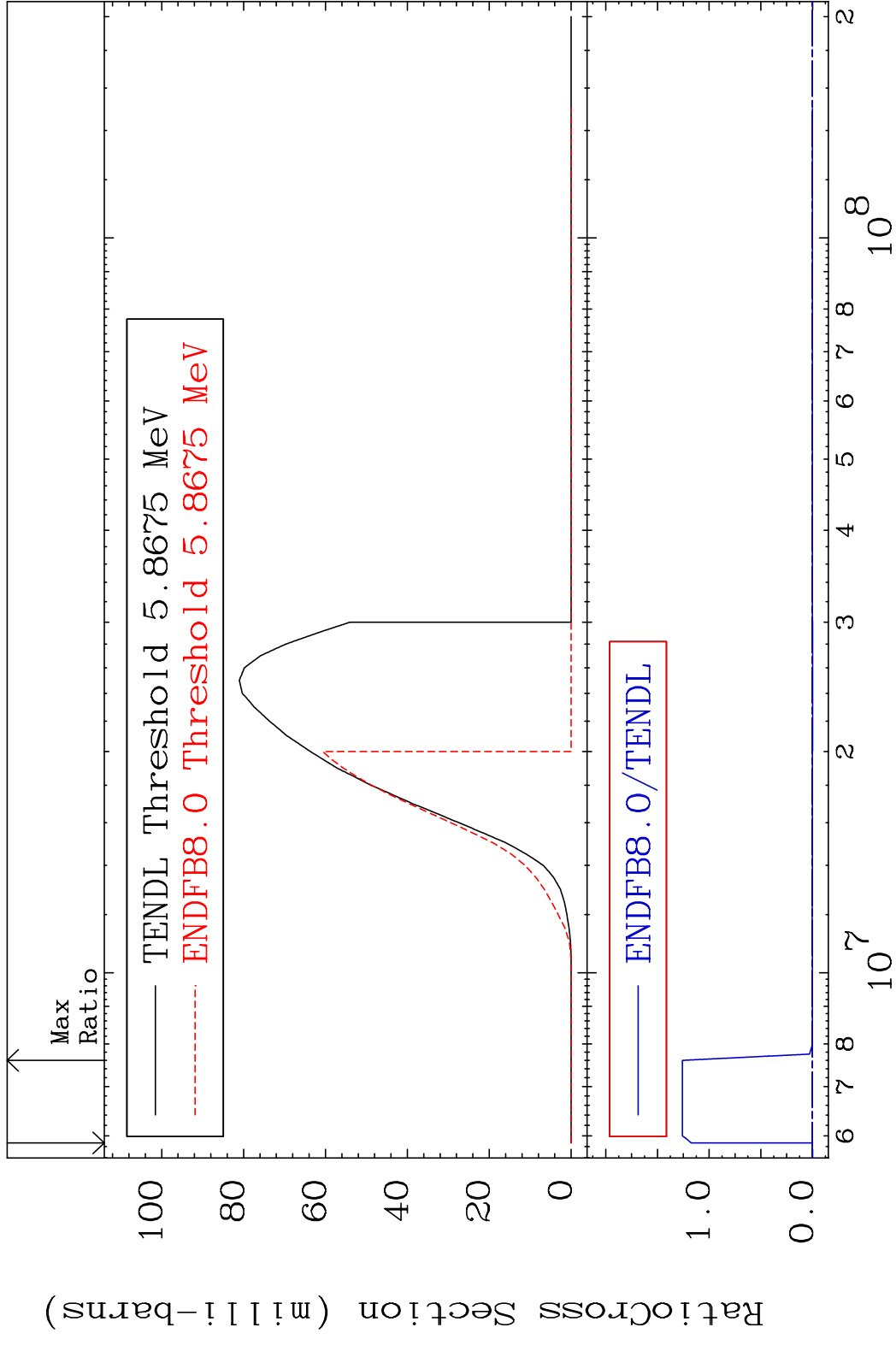


4 Incident Energy (eV) 29-Cu-63

MAT 2925 (n,2n) 29-Cu-63
 Cross Section -100.0 To 2.568 %

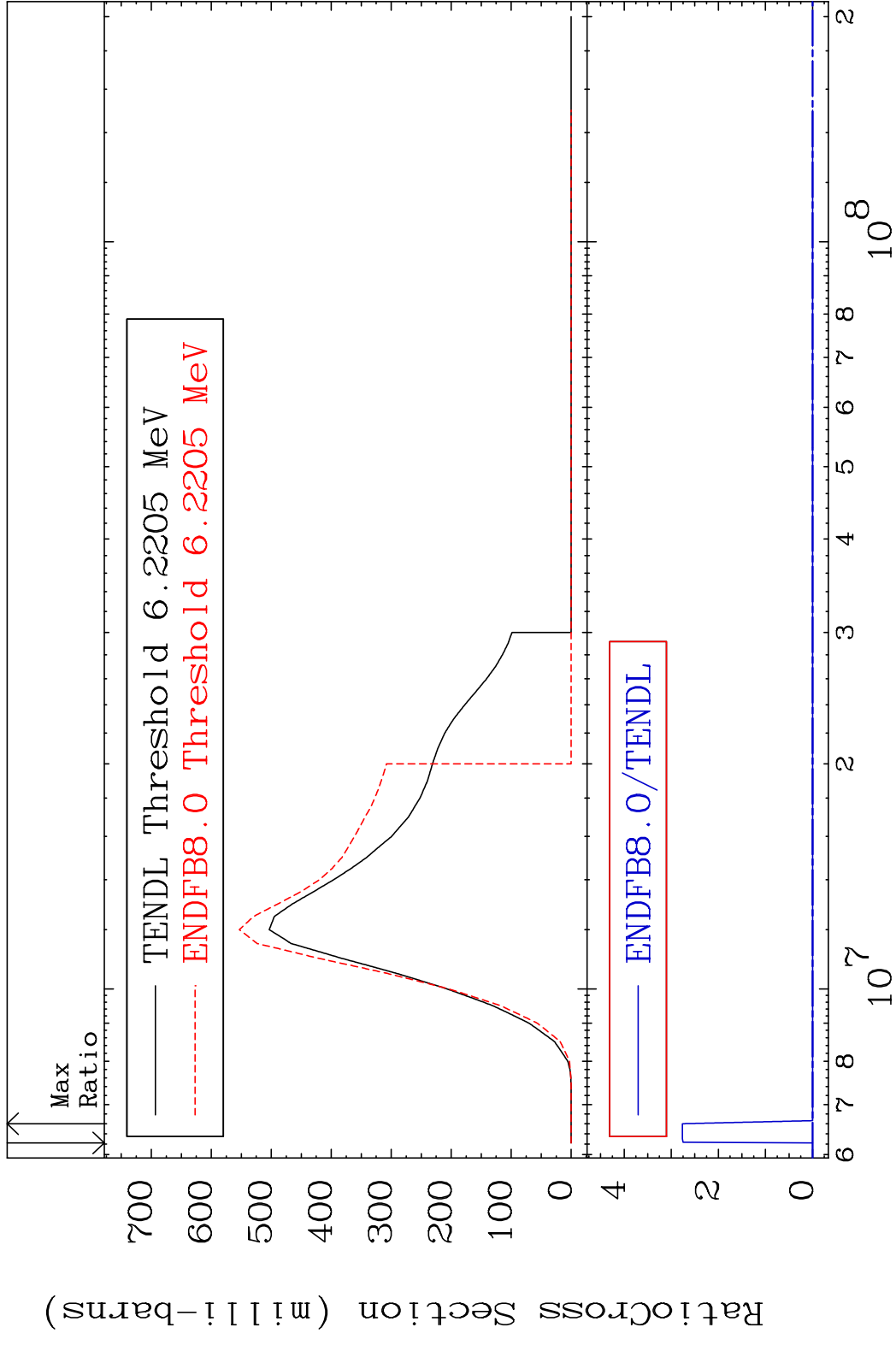


MAT 2925 (n, n') α 29-Cu-63
 Cross Section -100.0 To 9999. %



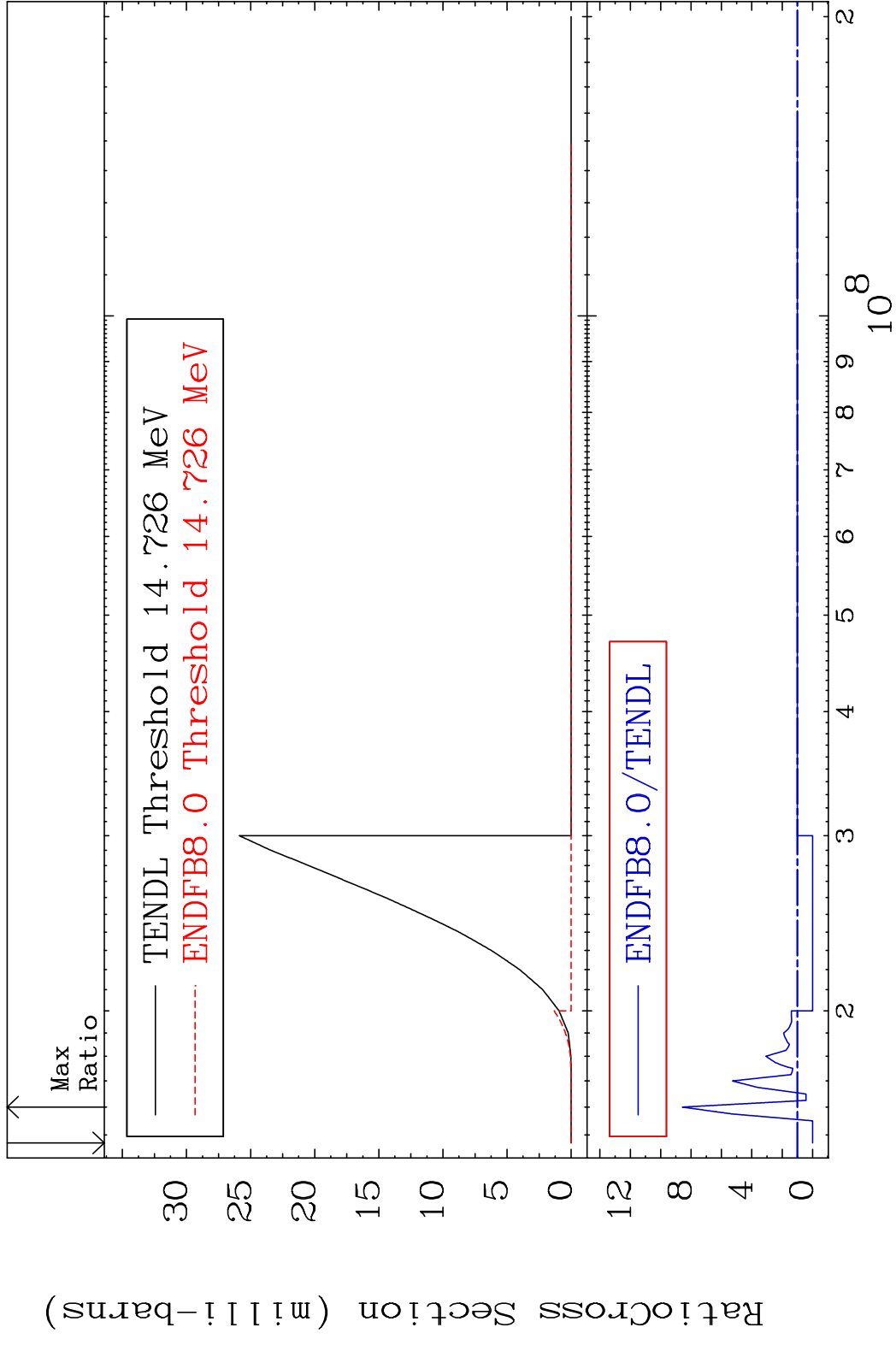
6 Incident Energy (eV) 29-Cu-63

MAT 2925 (n, n') p 29-Cu-63
 Cross Section -100.0 To 9999. %

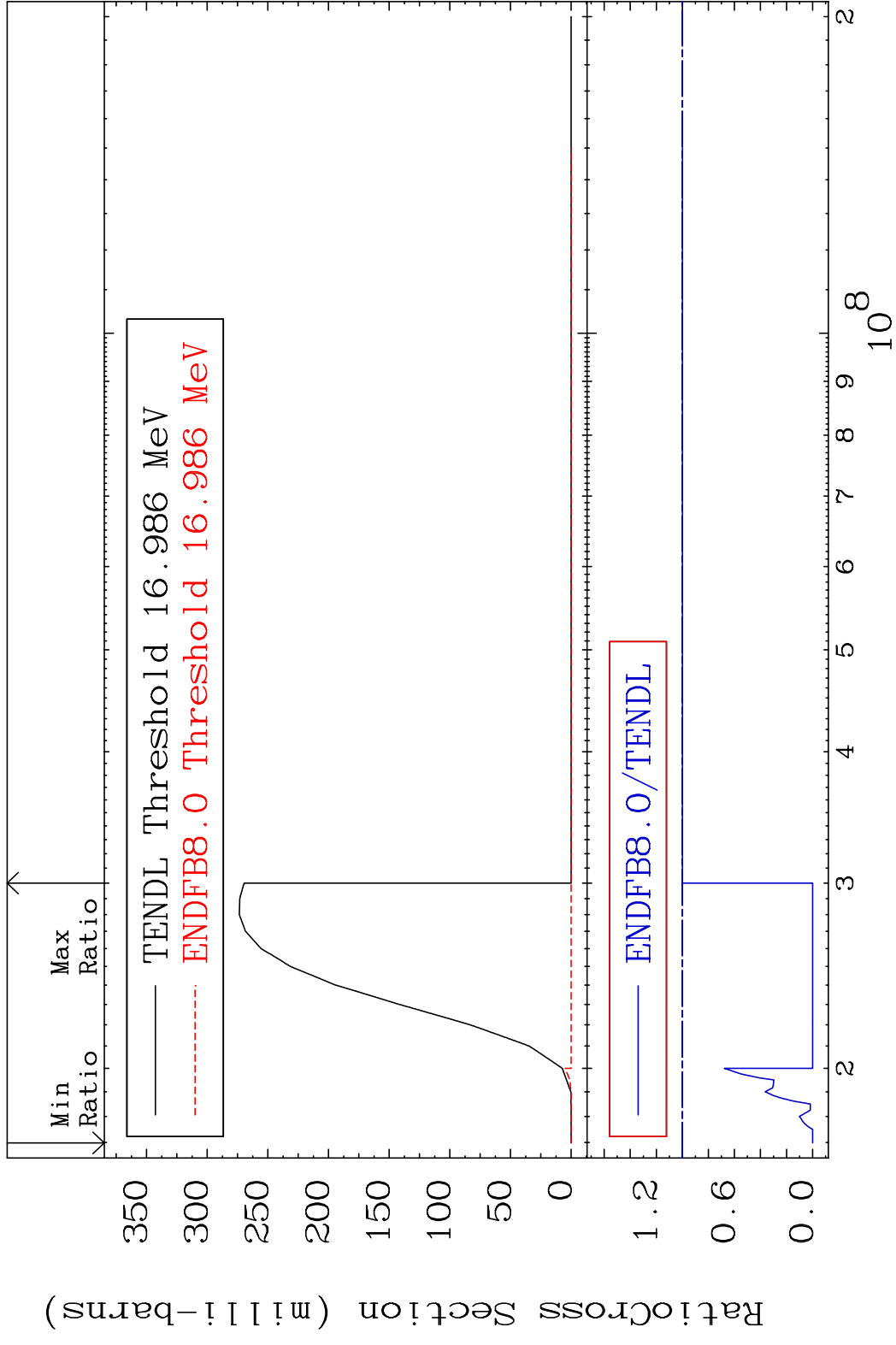


7 29-Cu-63

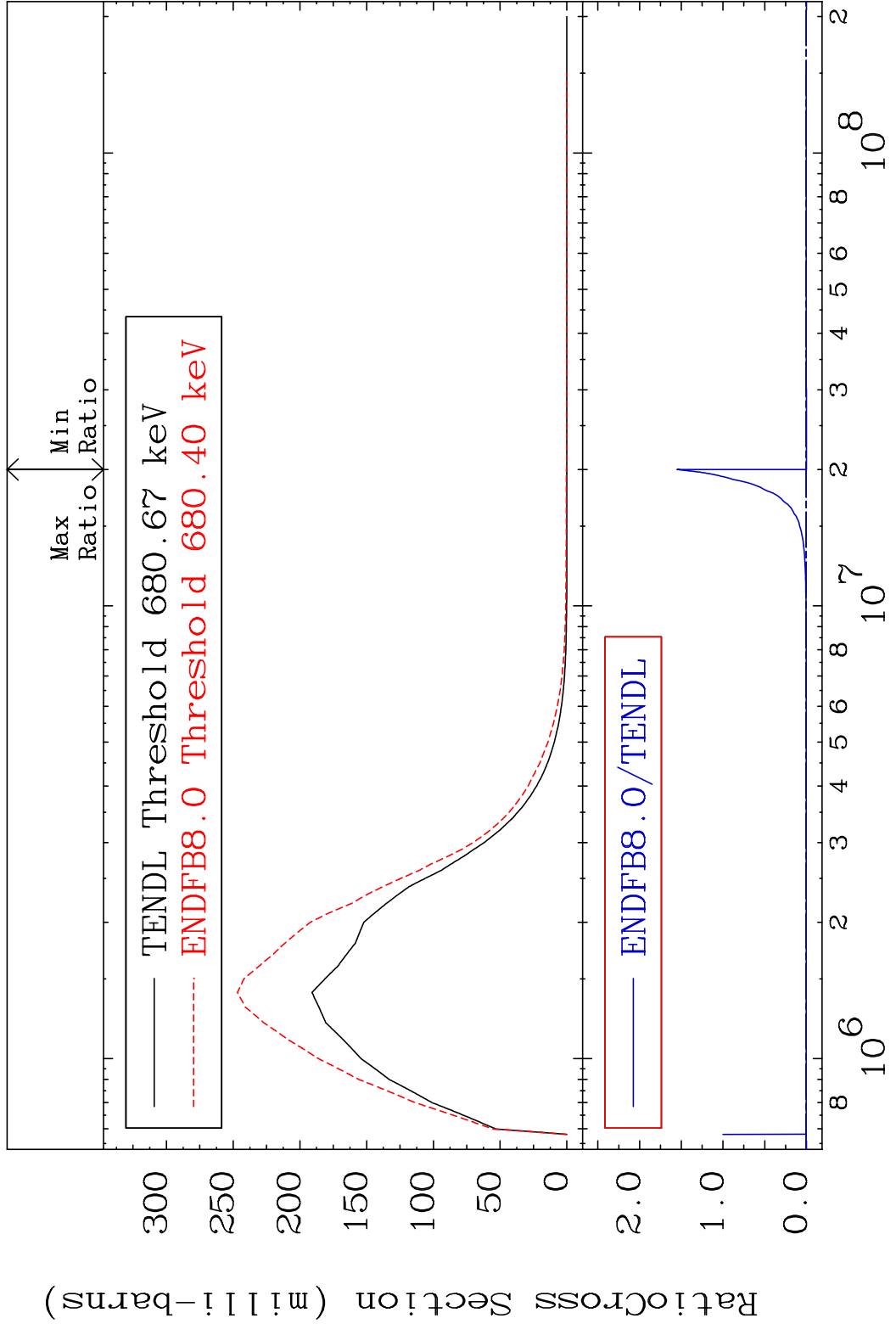
MAT 2925 (n, n') d 29-Cu-63
 Cross Section -100.0 To 757.2 %



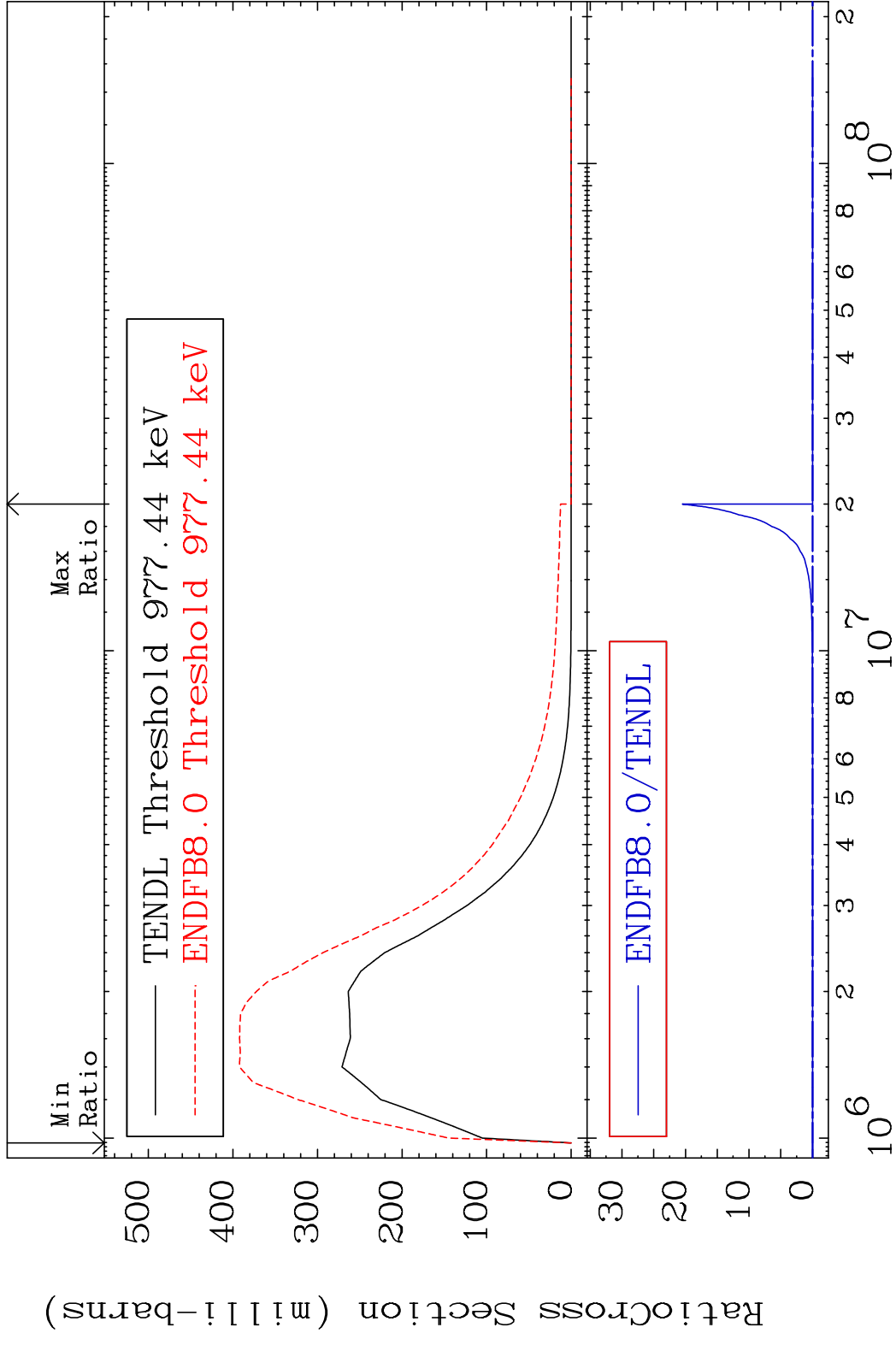
MAT 2925 (n,2n) p 29-Cu-63
 Cross Section -100.0 To 0.000 %



MAT 2925 MT= 51 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 9999. %

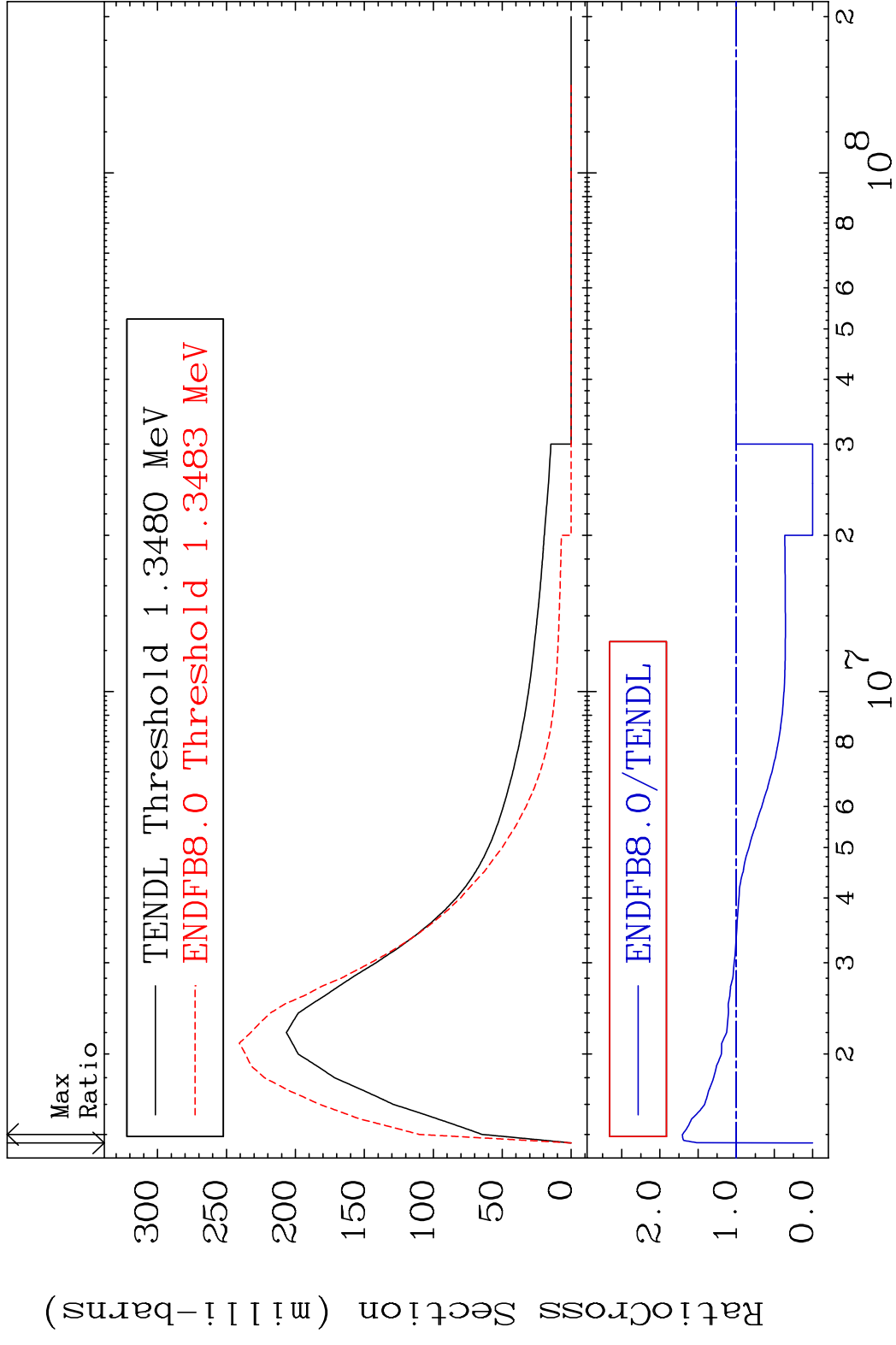


MAT 2925 MT= 52 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 9999. %

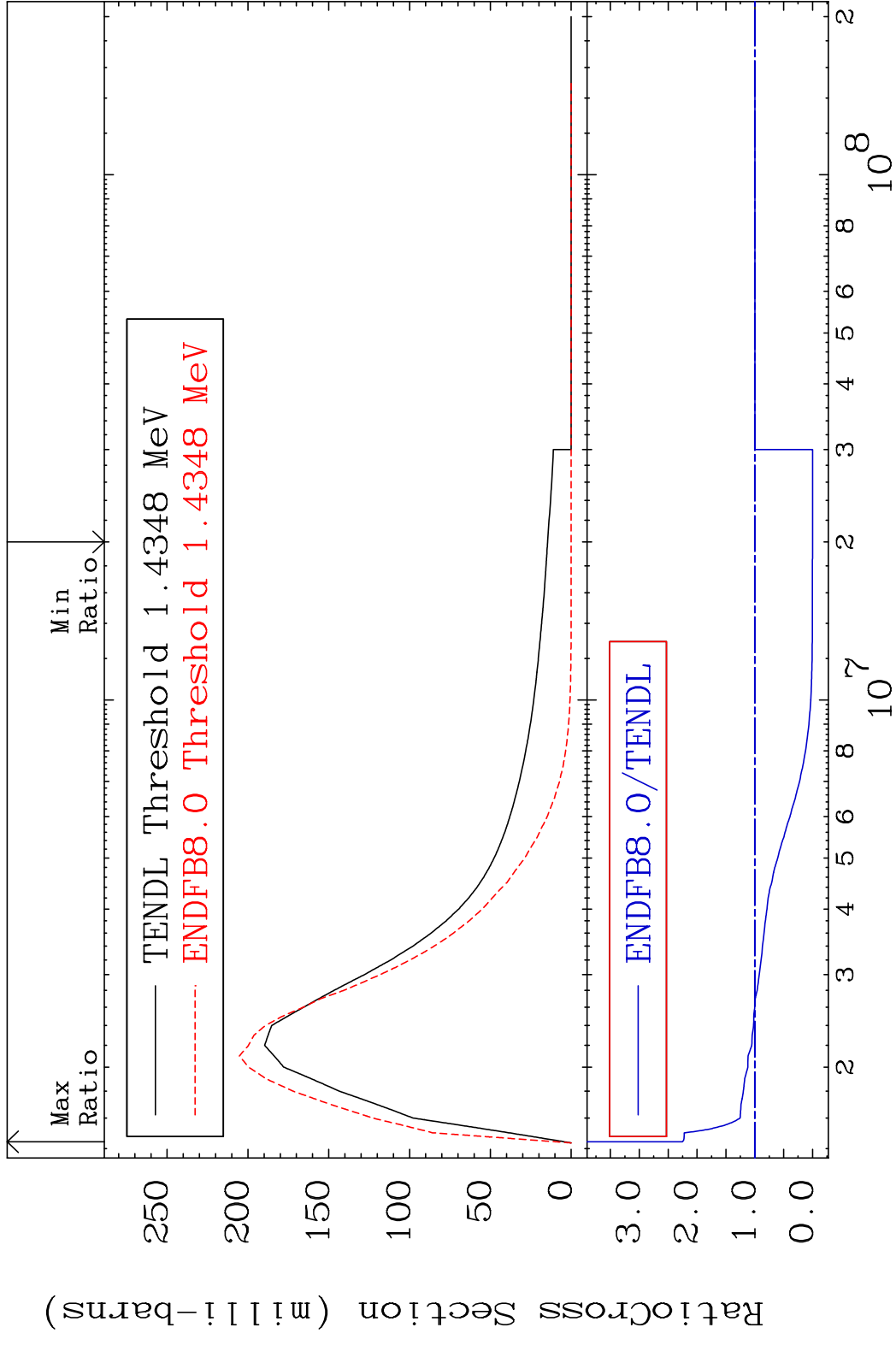


11 Incident Energy (eV) 29-Cu-63

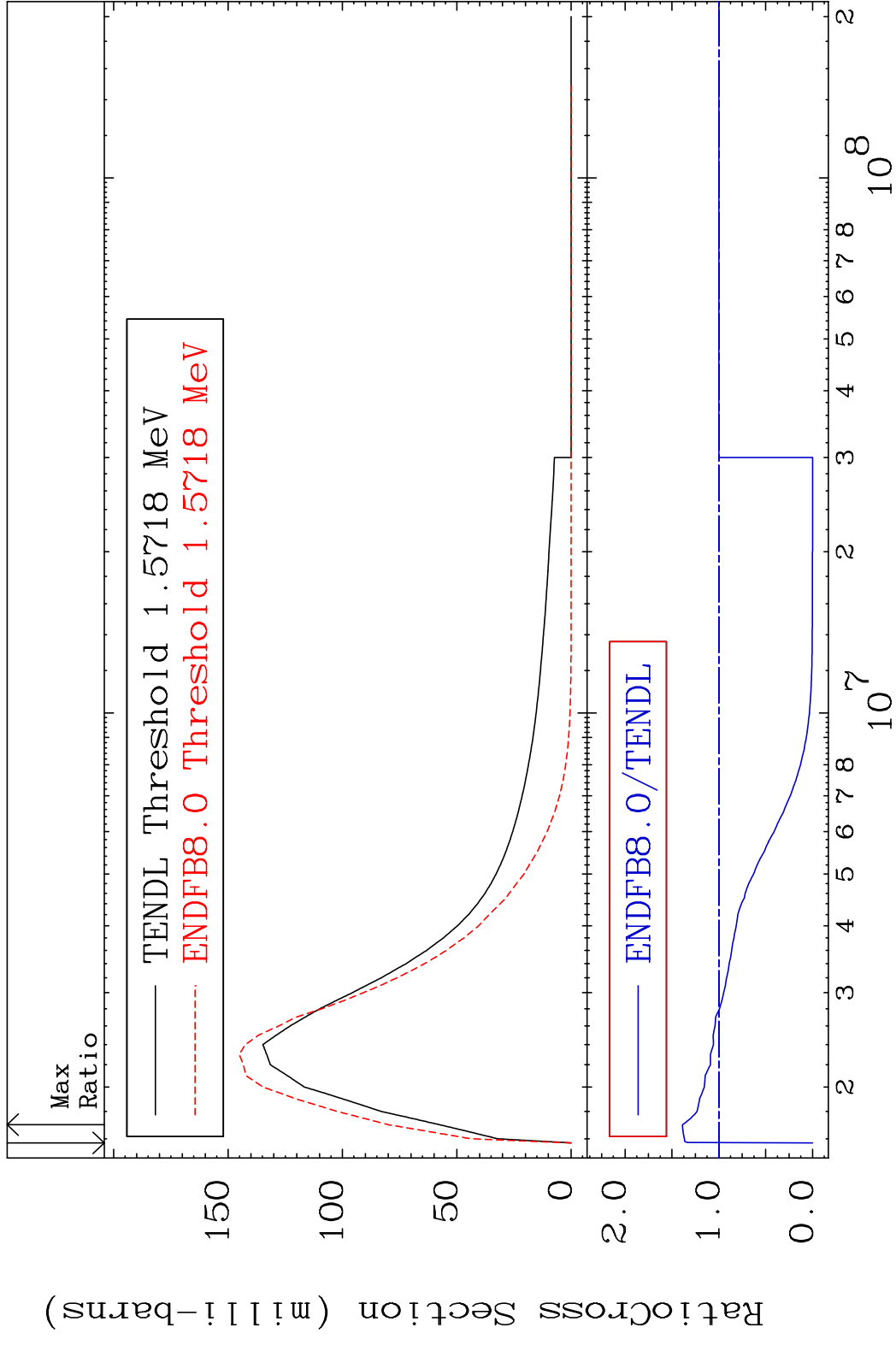
MAT 2925 MT= 53 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 70.57 %



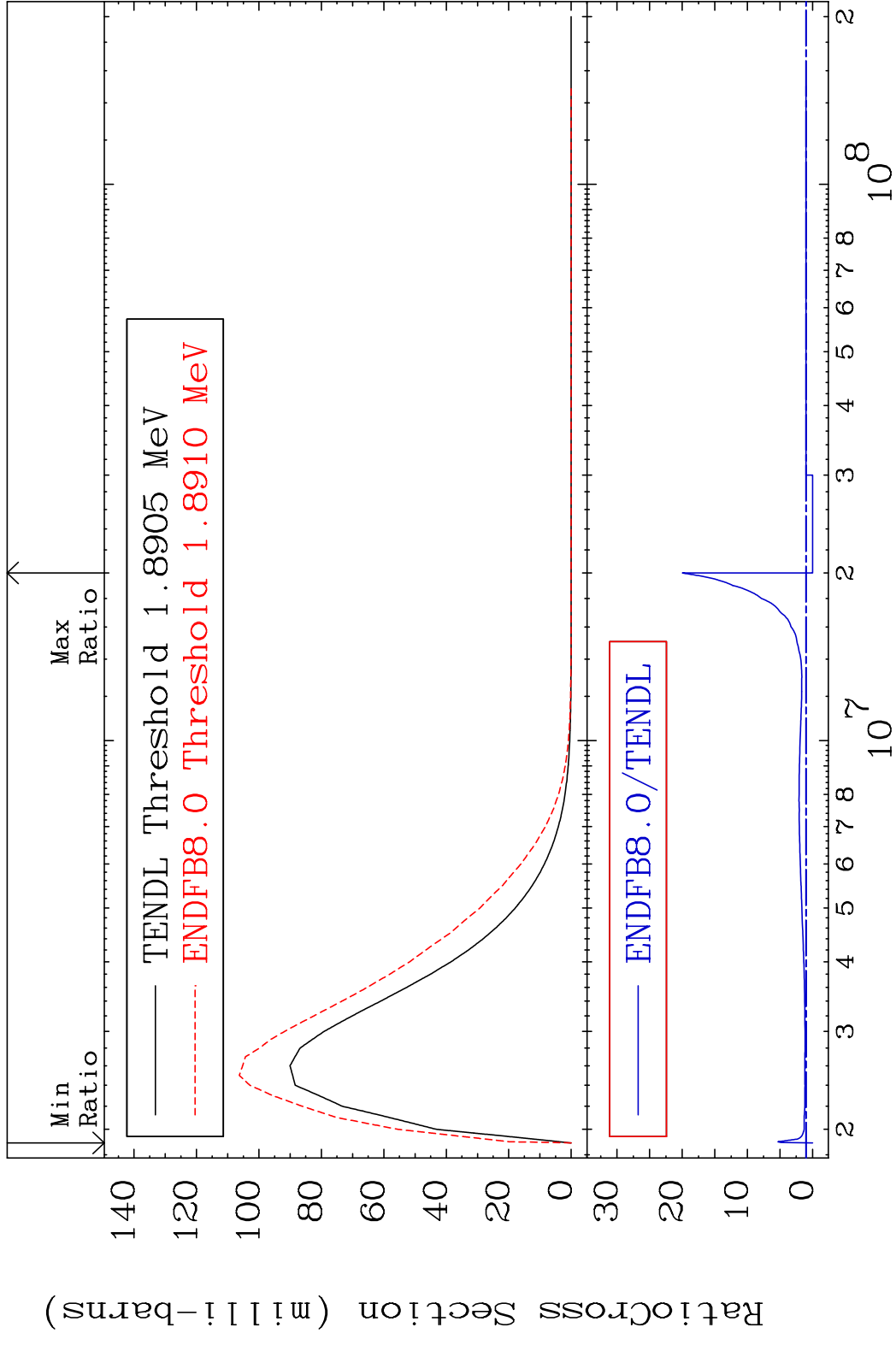
MAT 2925 MT= 54 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 125.4 %



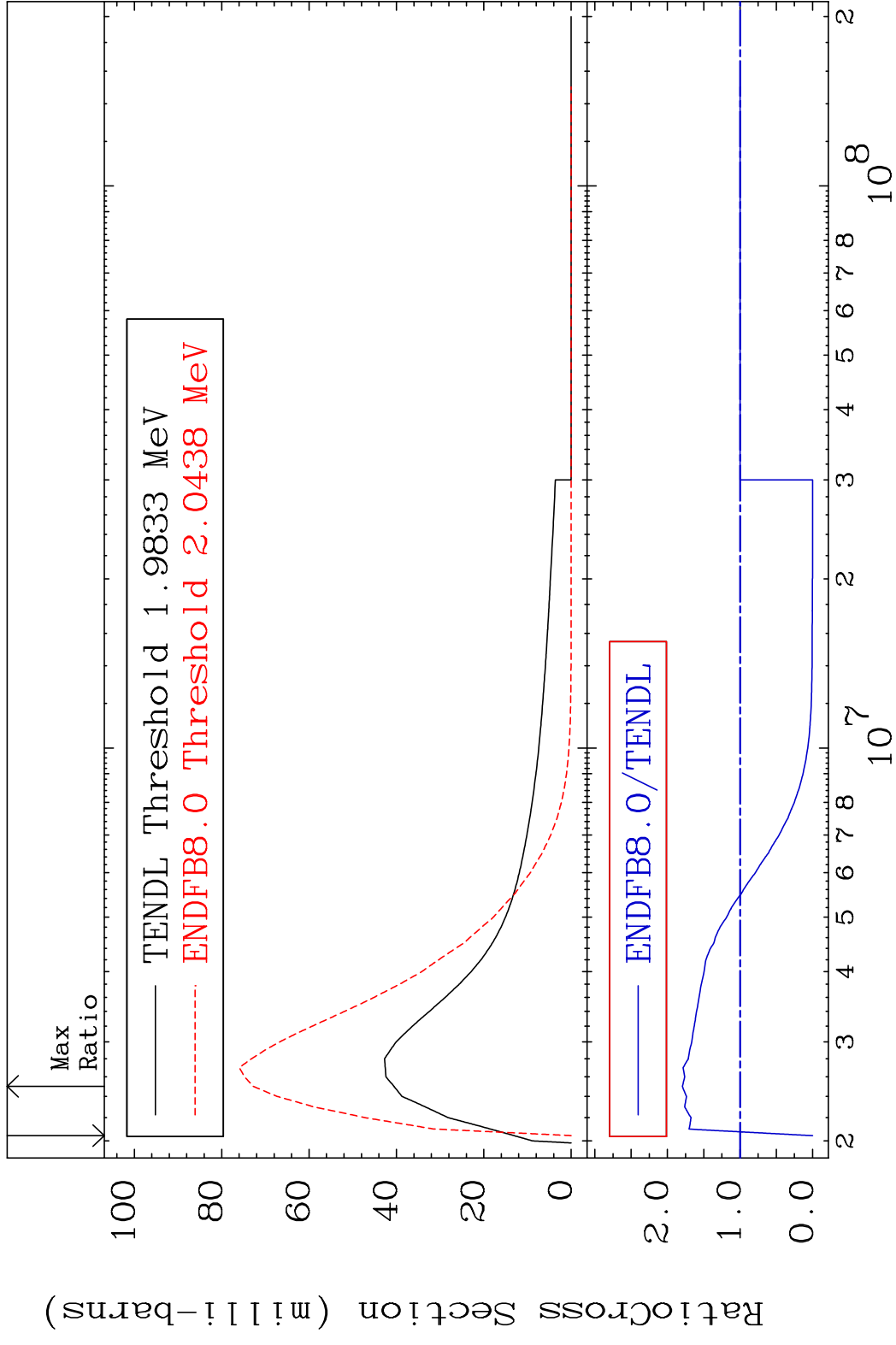
MAT 2925 MT= 55 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 38.88 %



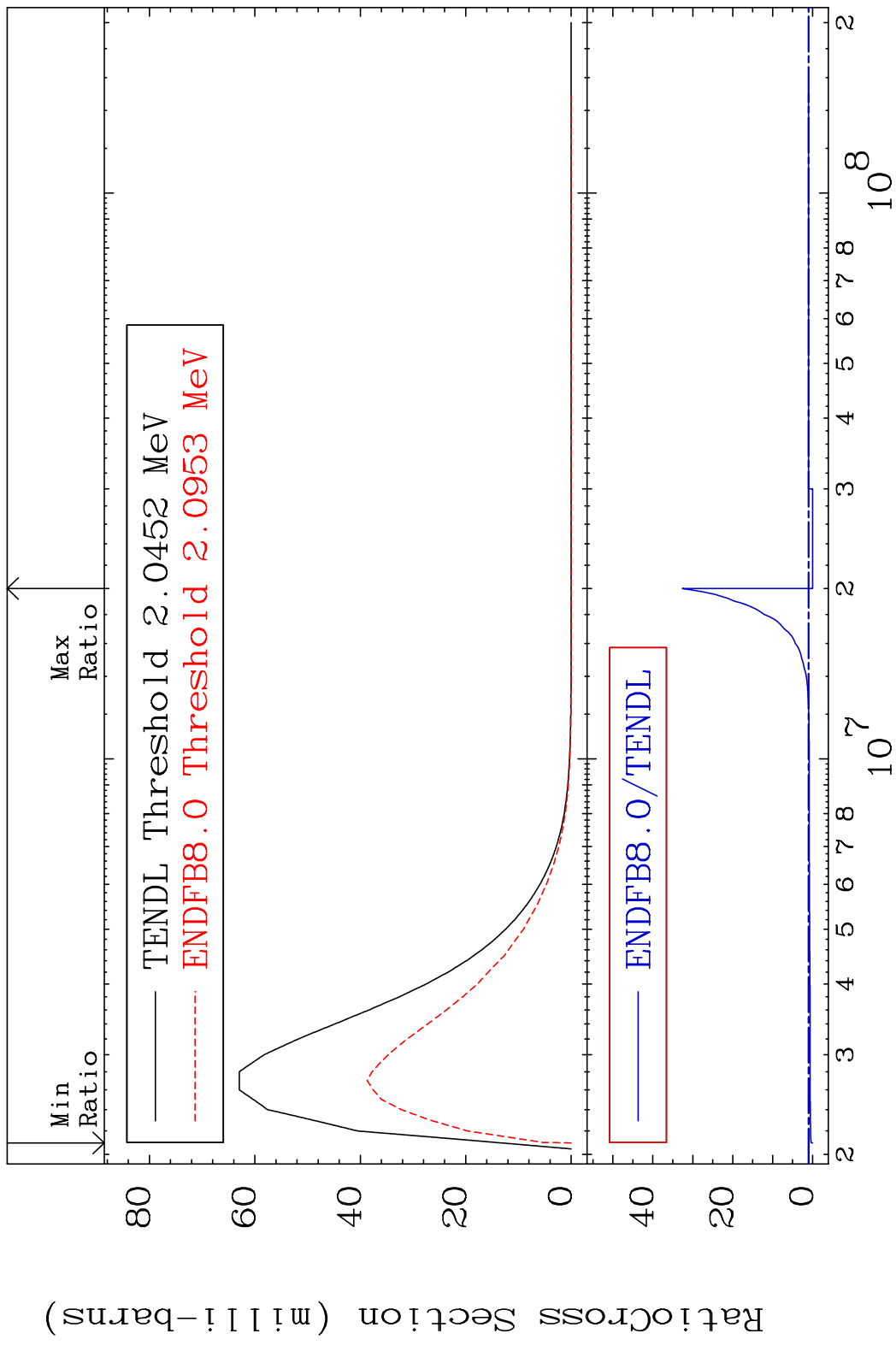
MAT 2925 MT= 56 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 1898. %



MAT 2925 MT= 57 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 79.45 %

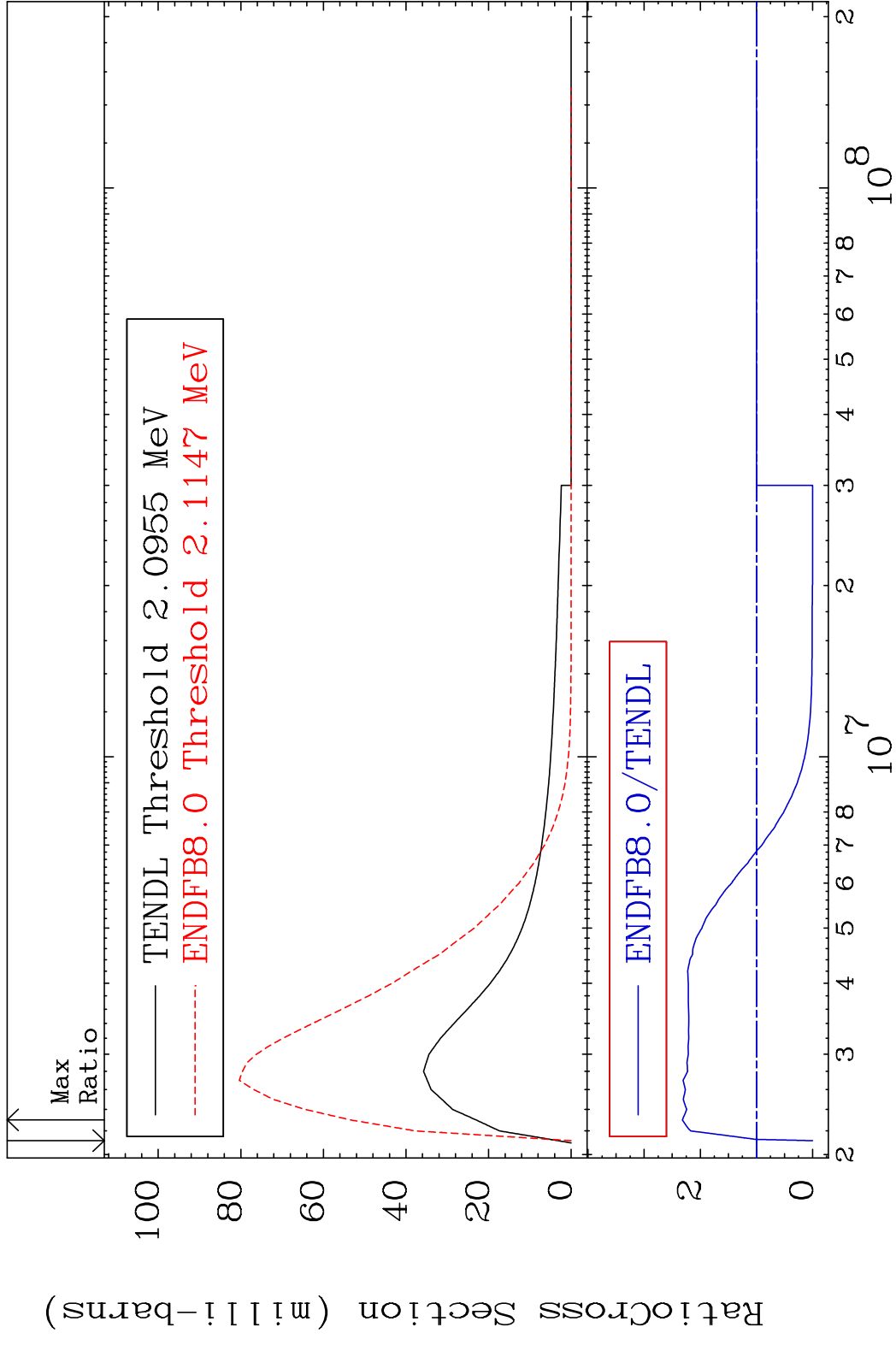


MAT 2925 MT= 58 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 3161. %

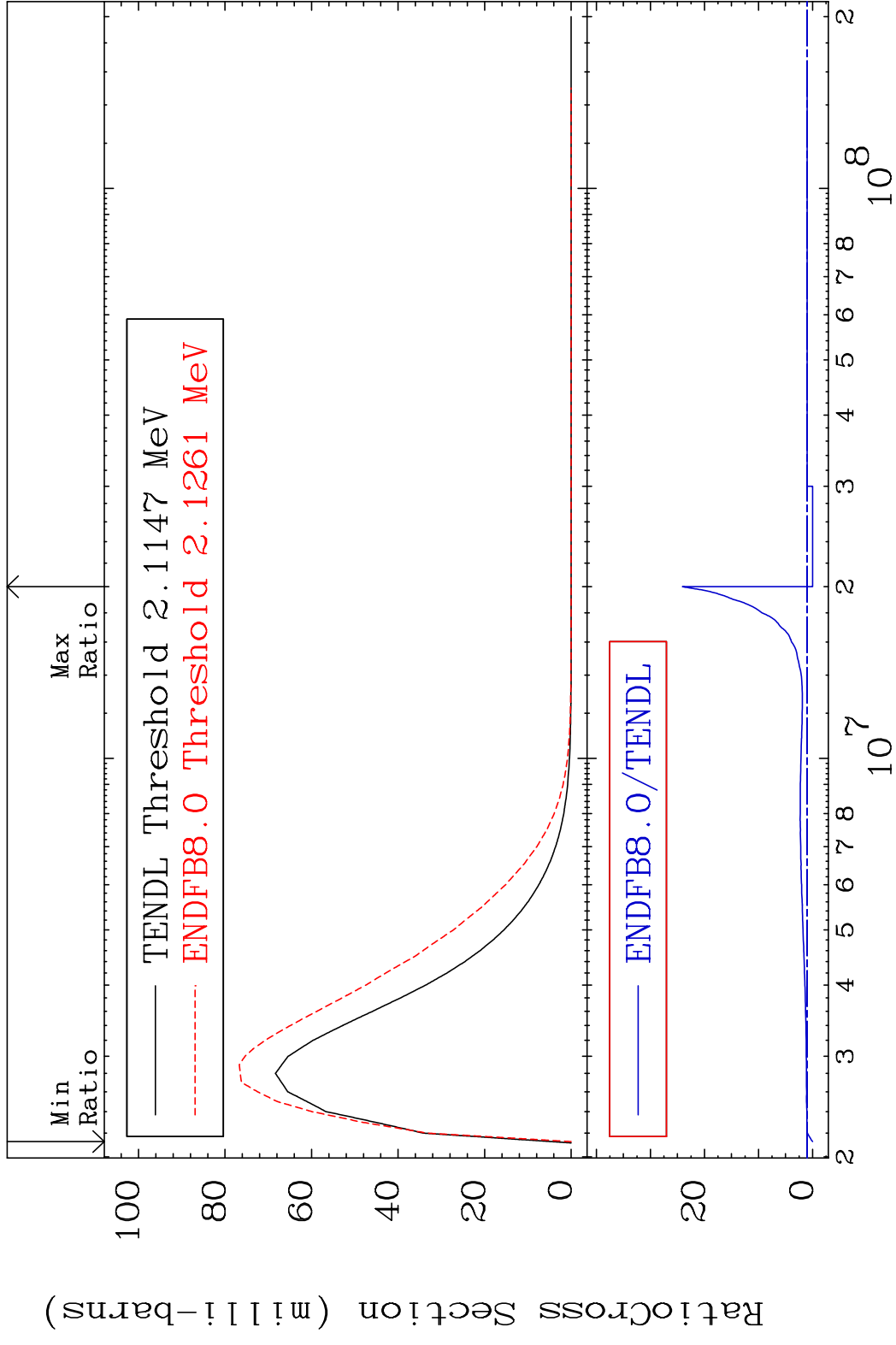


17 Incident Energy (eV) 29-Cu-63

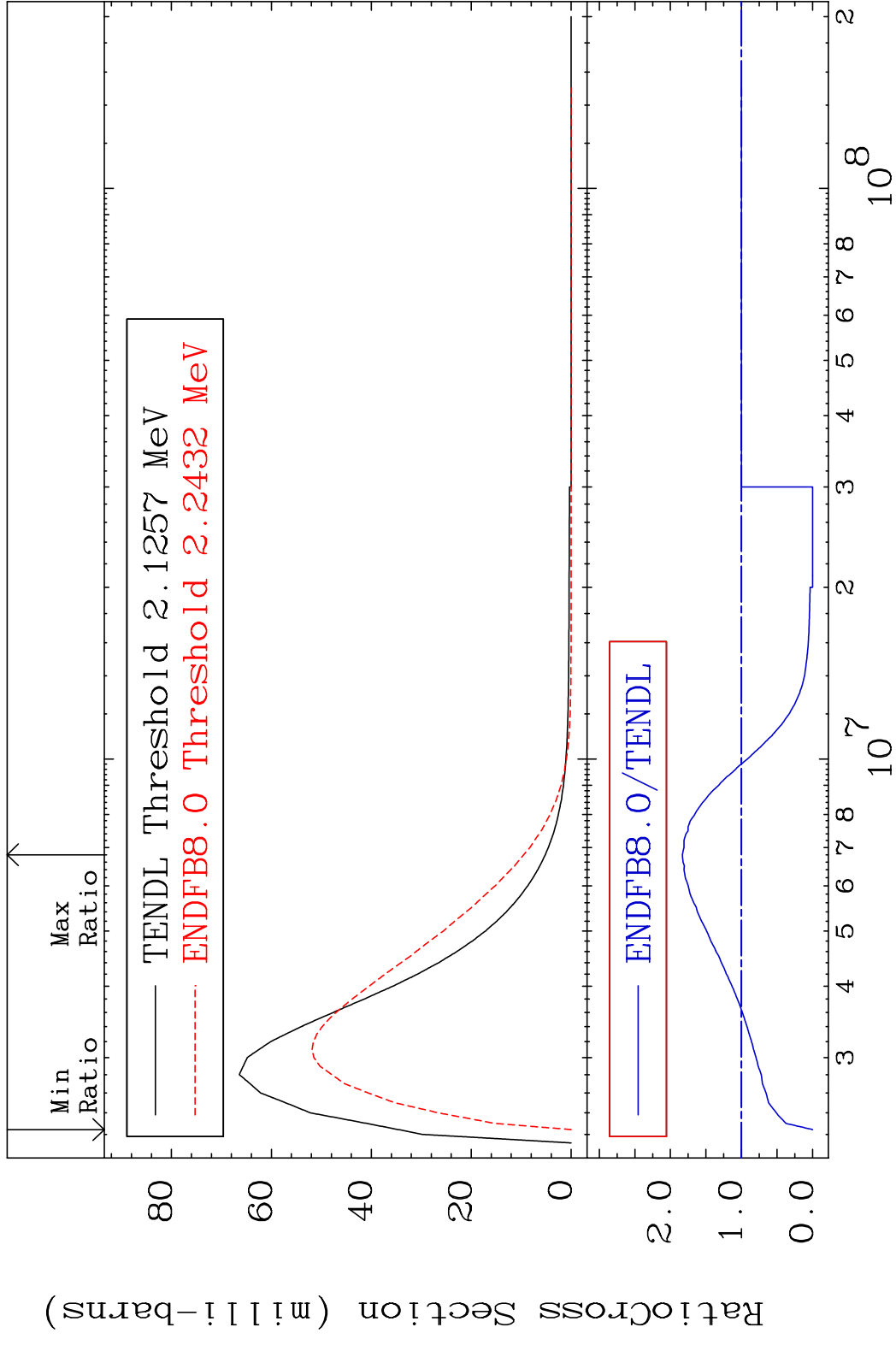
MAT 2925 MT= 59 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 132.0 %



MAT 2925 MT= 60 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 2310. %

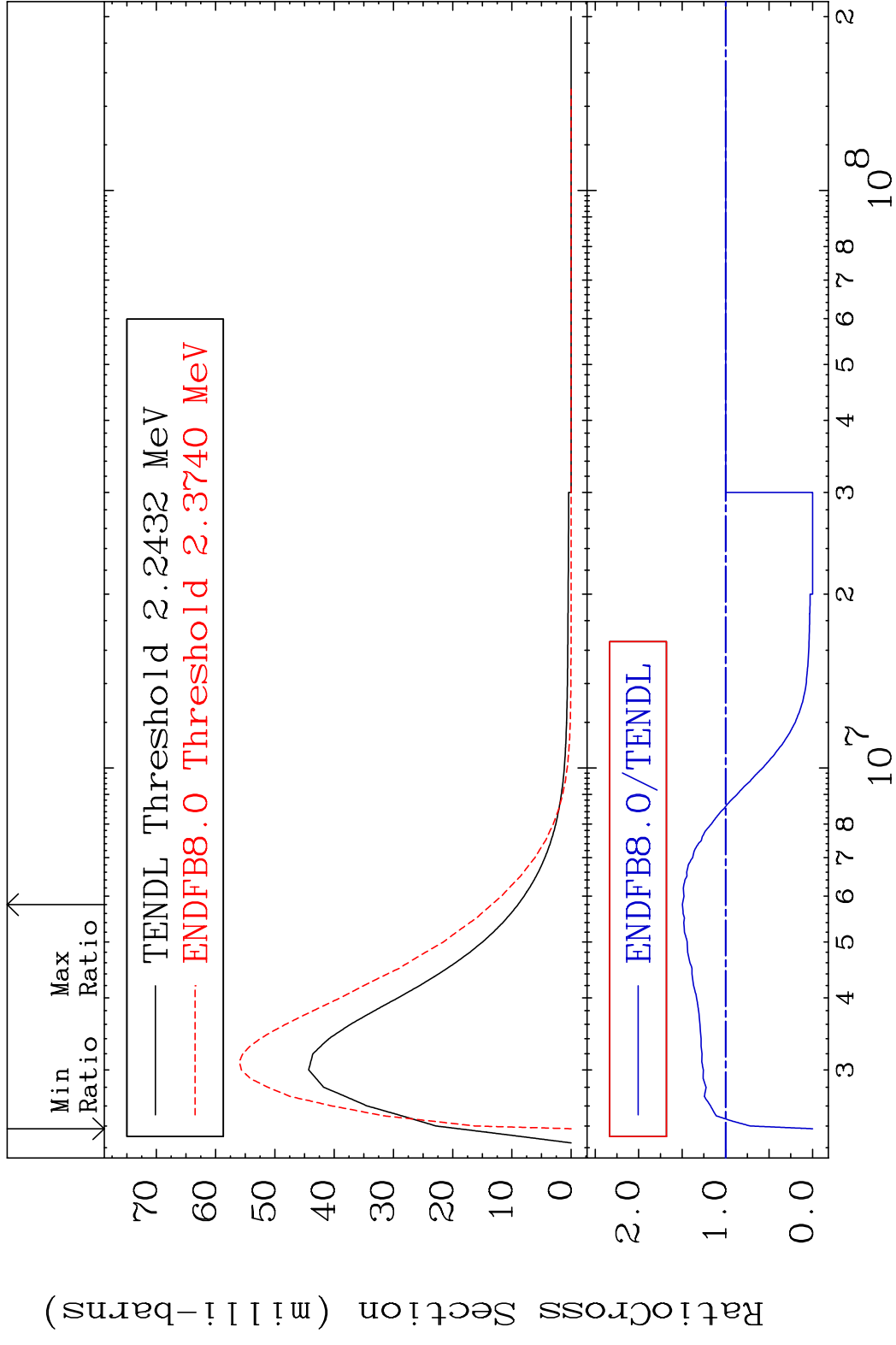


MAT 2925 MT= 61 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 83.19 %

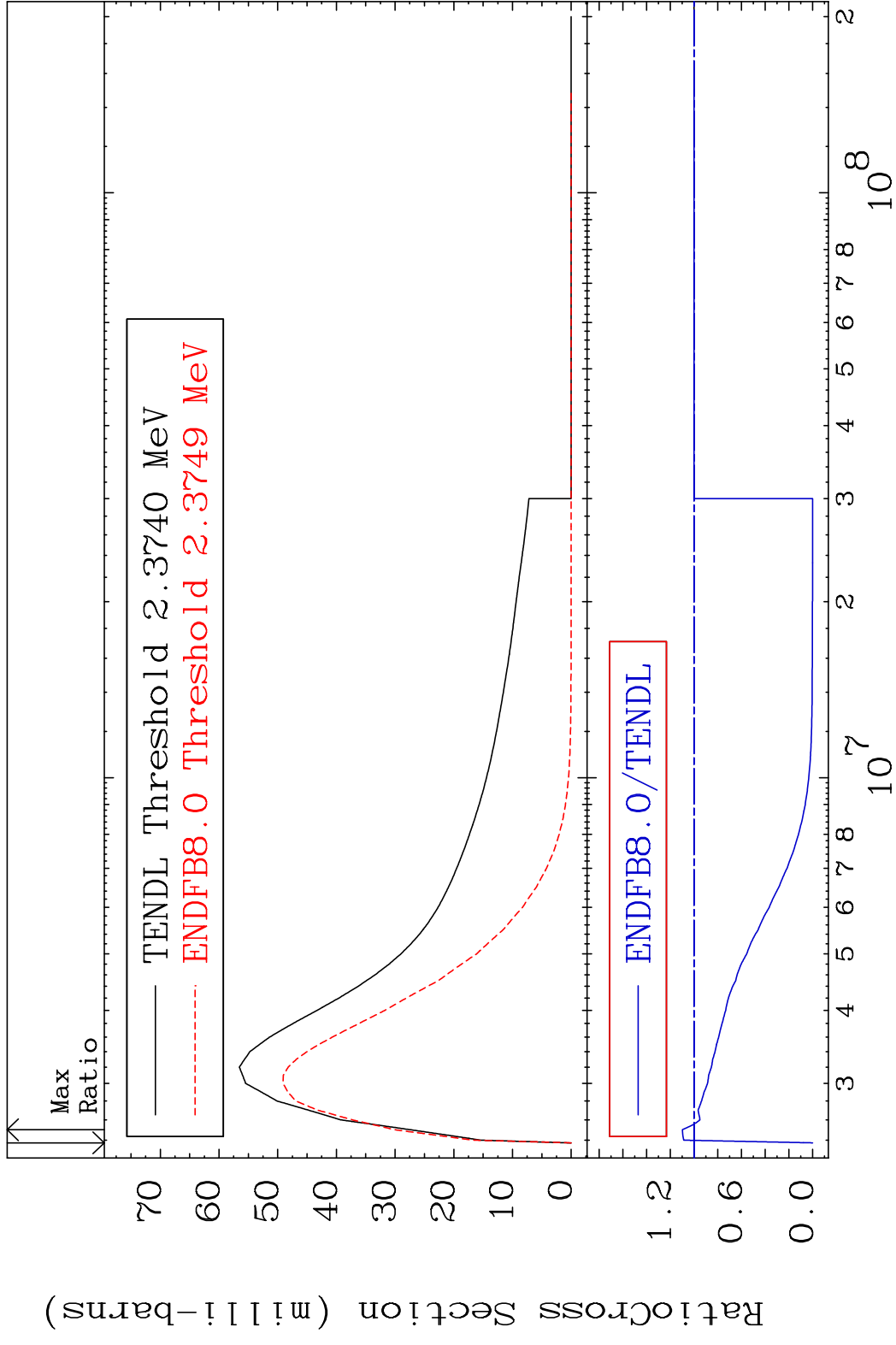


20 29-Cu-63

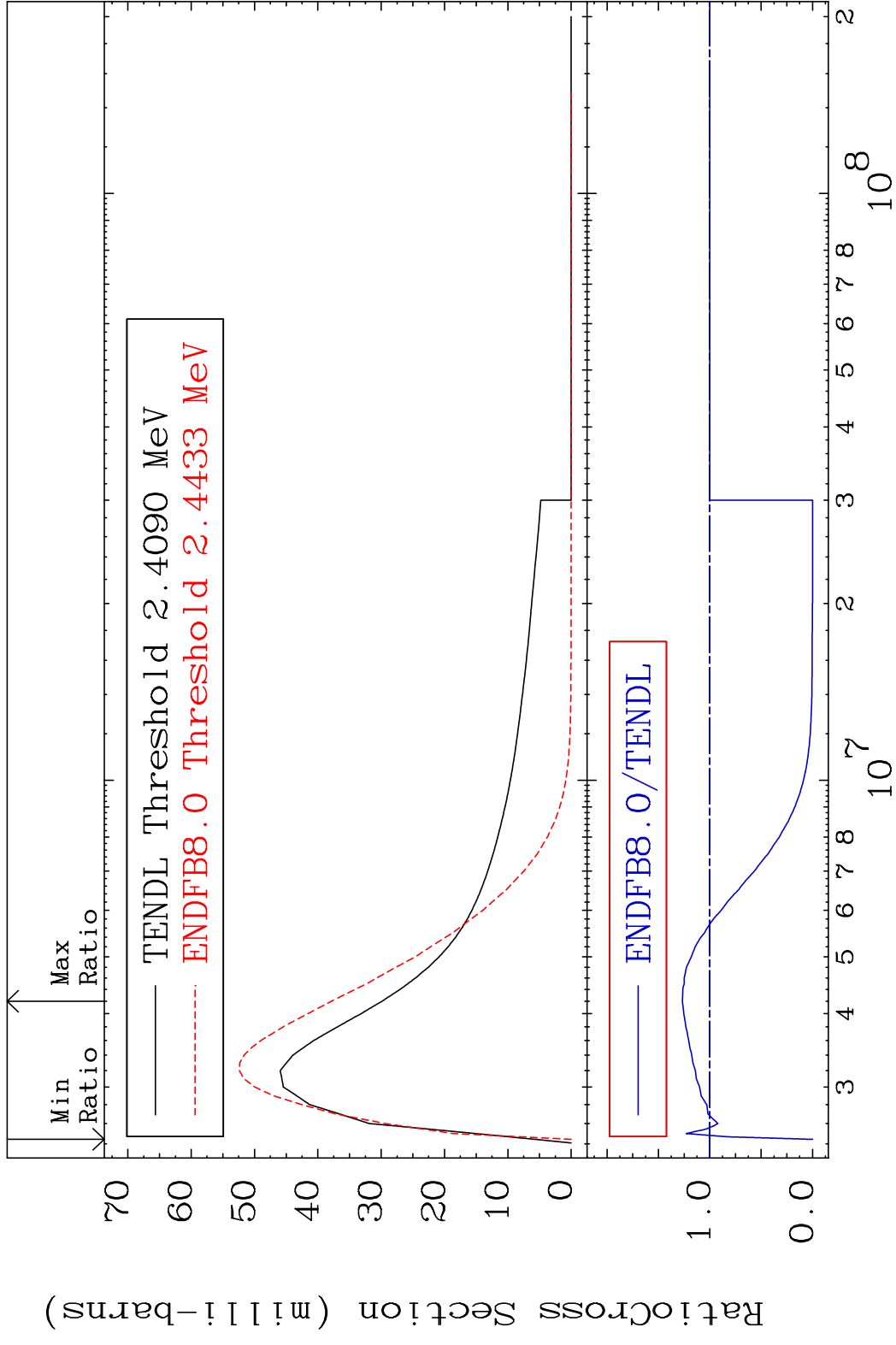
MAT 2925 MT= 62 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 49.75 %



MAT 2925 MT= 63 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 9.802 %

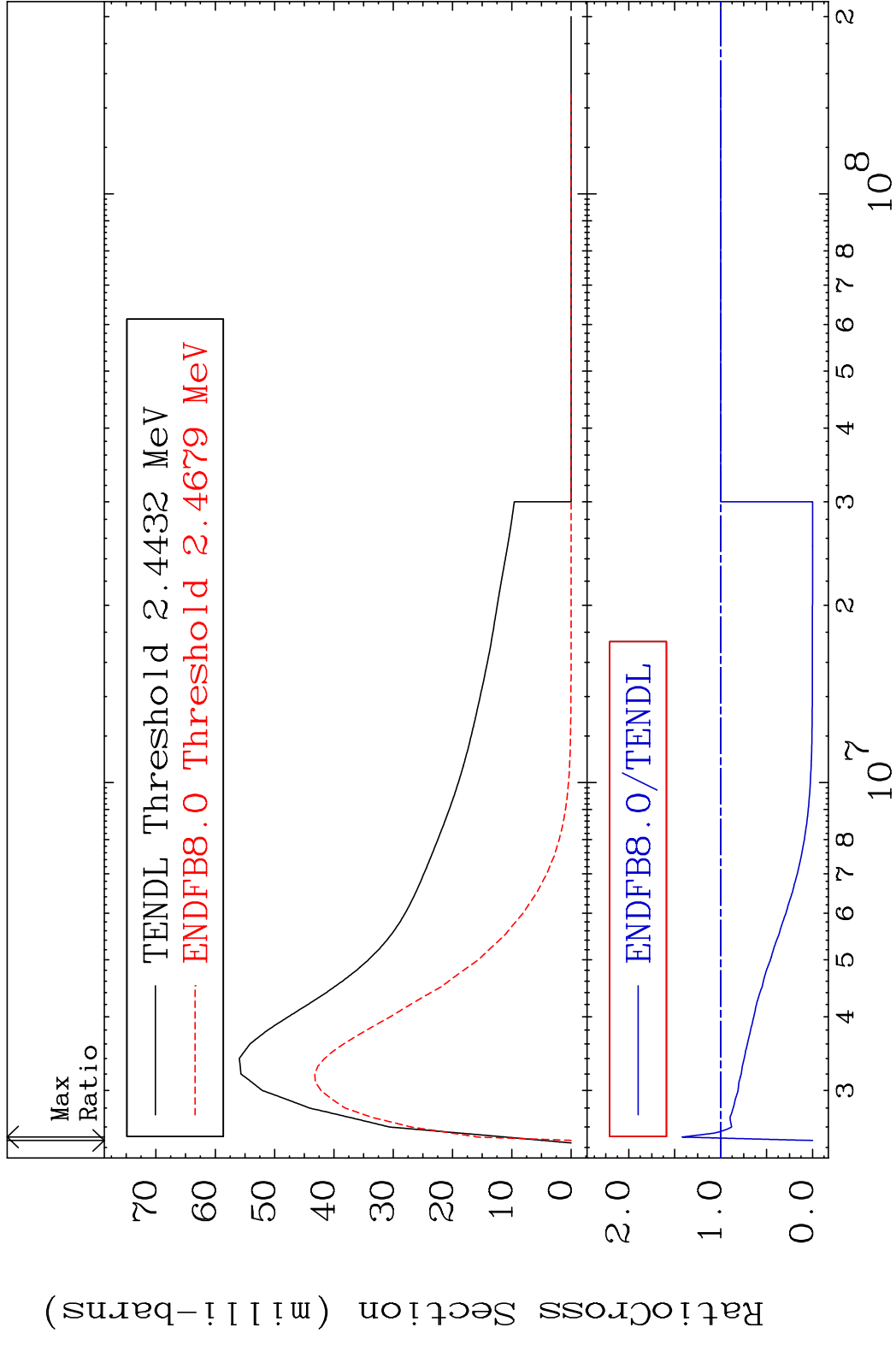


MAT 2925 MT= 64 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 26.70 %

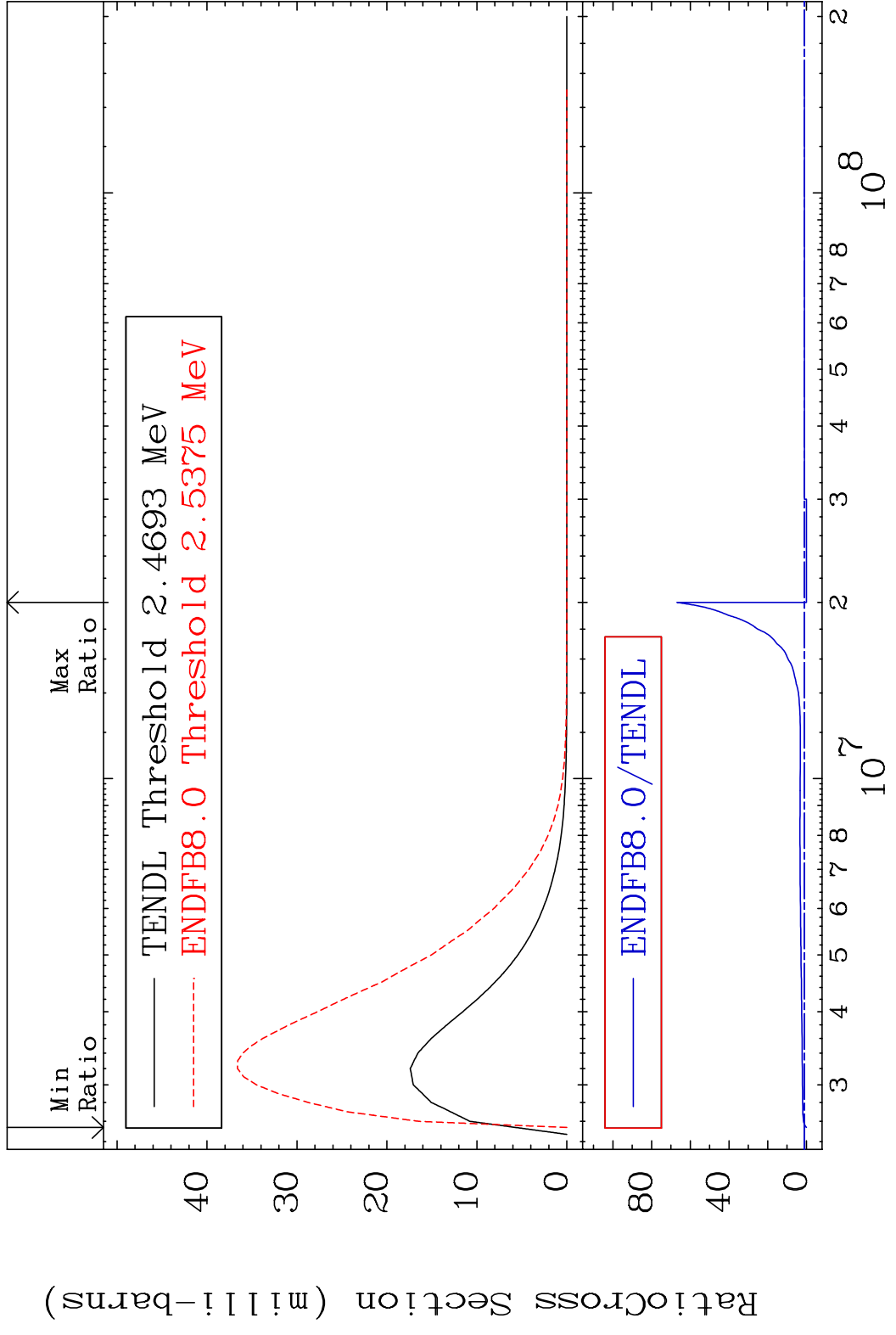


23 Incident Energy (eV) 29-Cu-63

MAT 2925 MT= 65 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 41.69 %

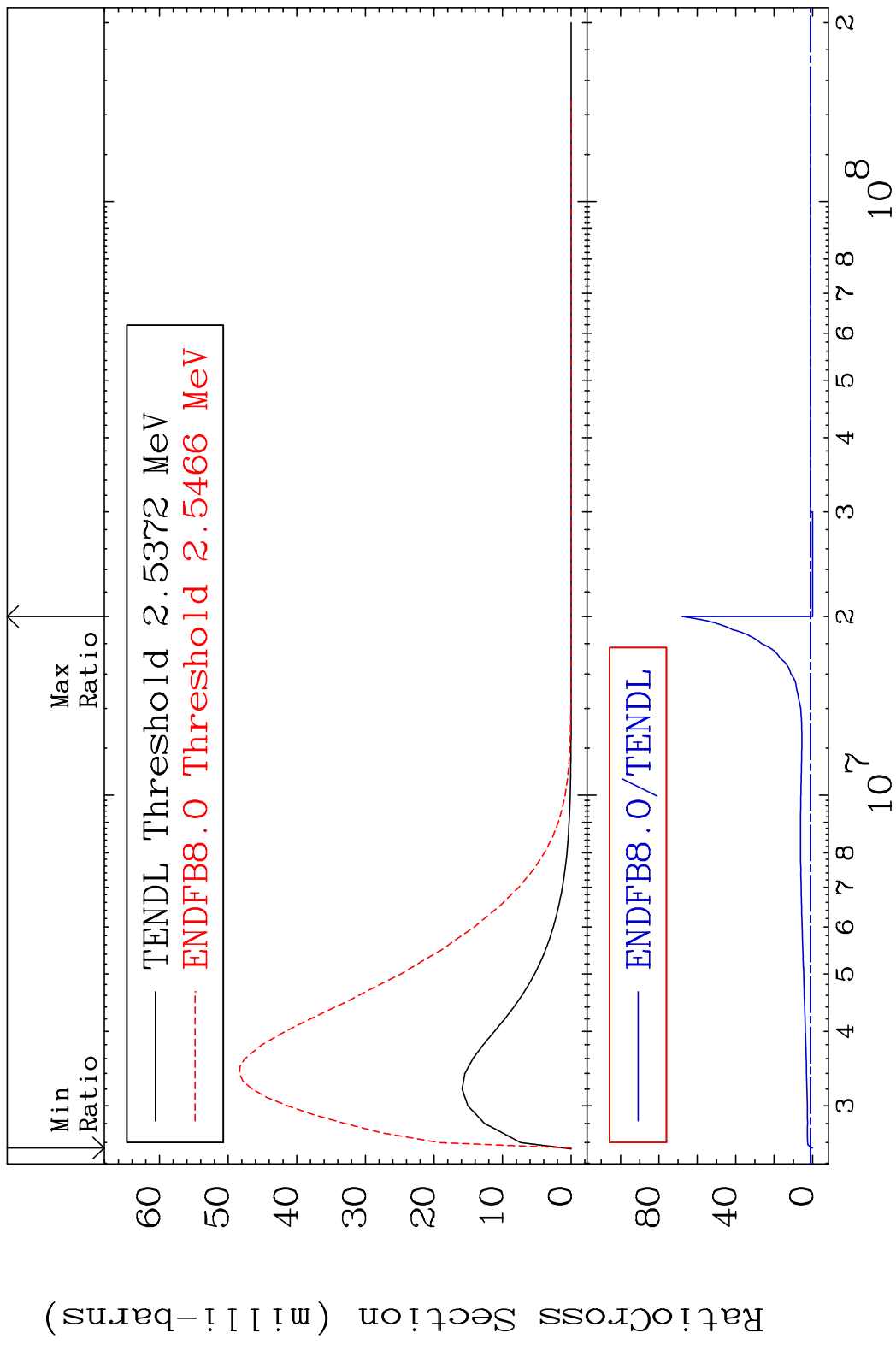


MAT 2925 MT= 66 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 6575. %

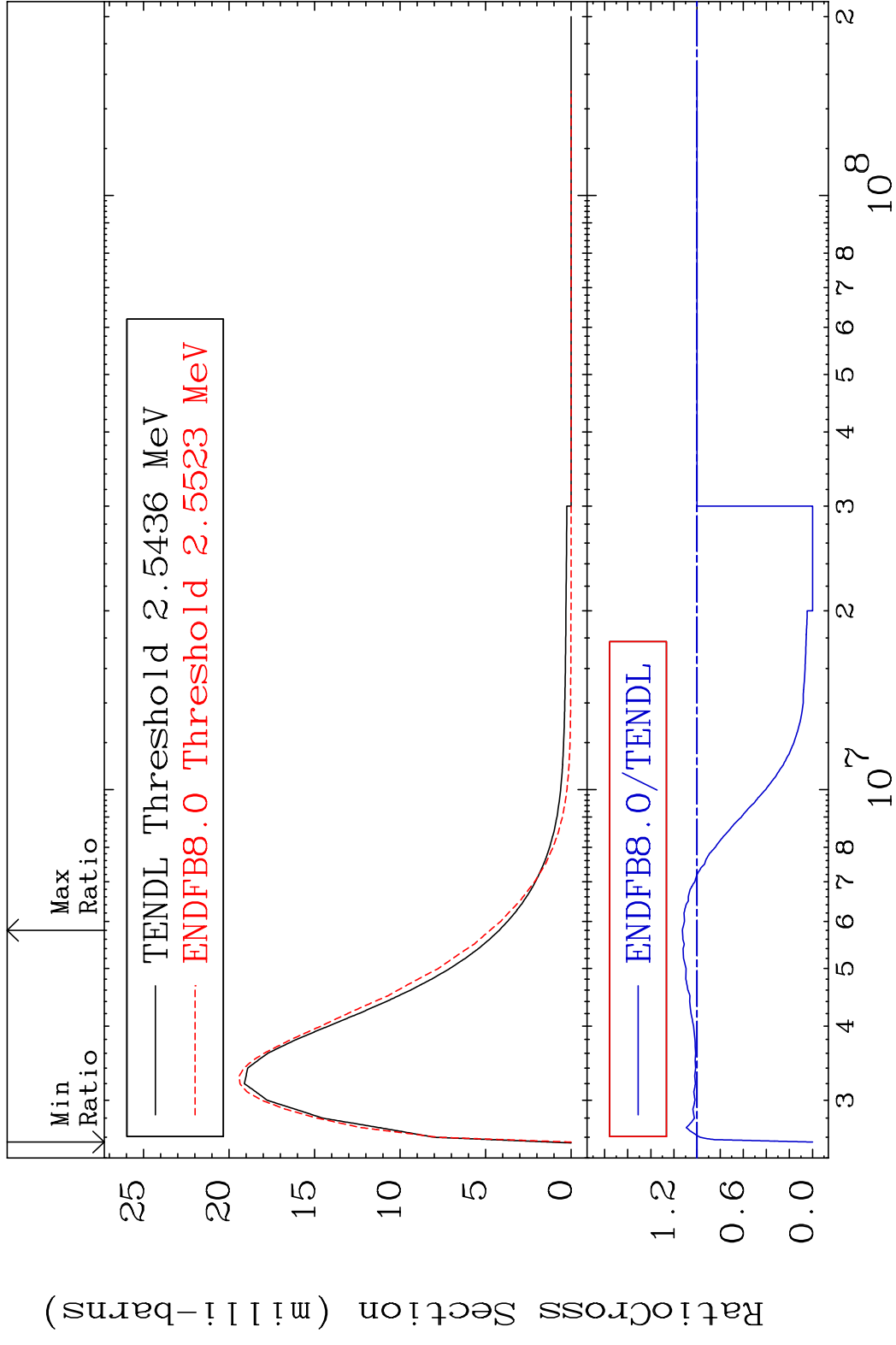


25 Incident Energy (eV) 29-Cu-63

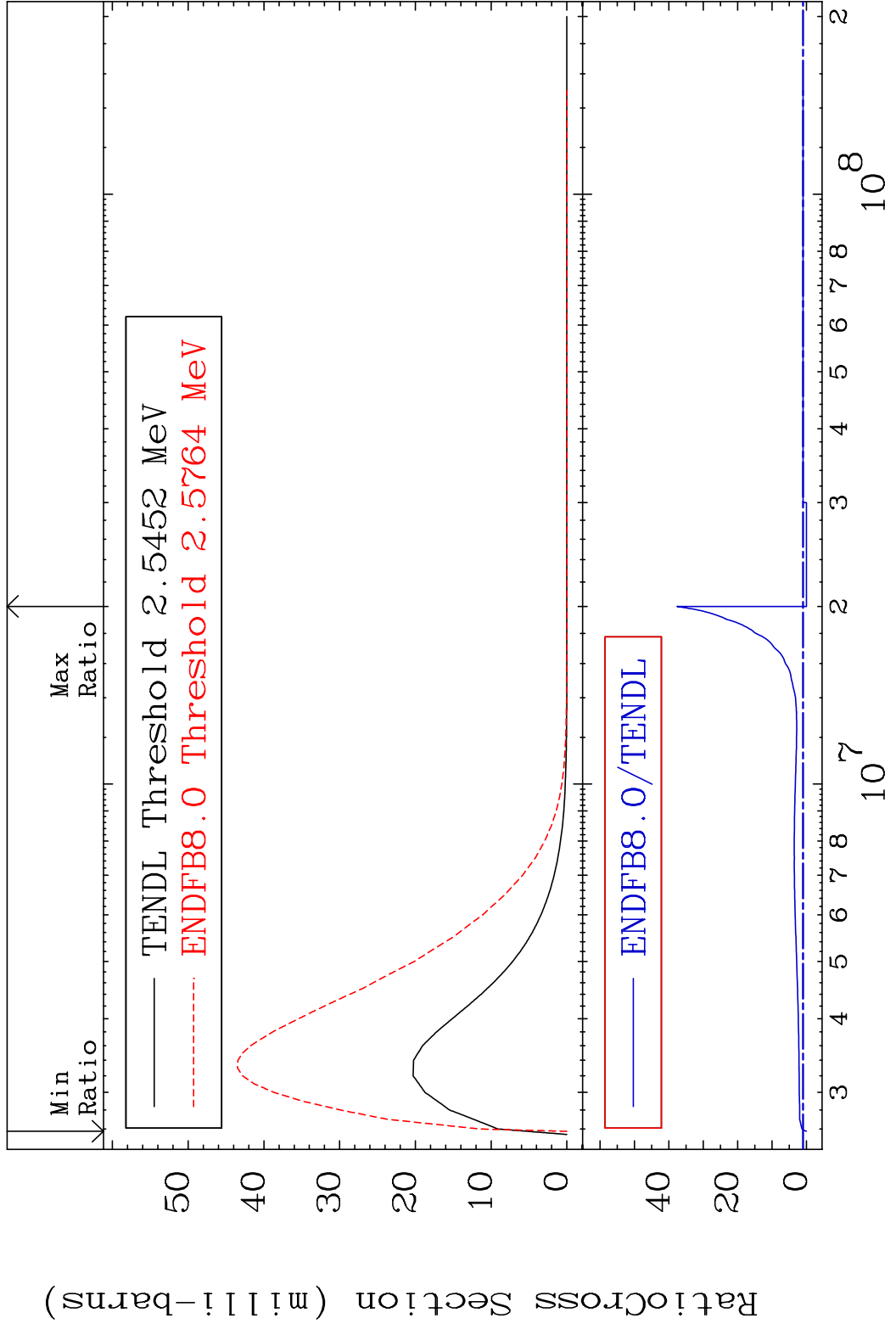
MAT 2925 MT= 67 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 6679. %



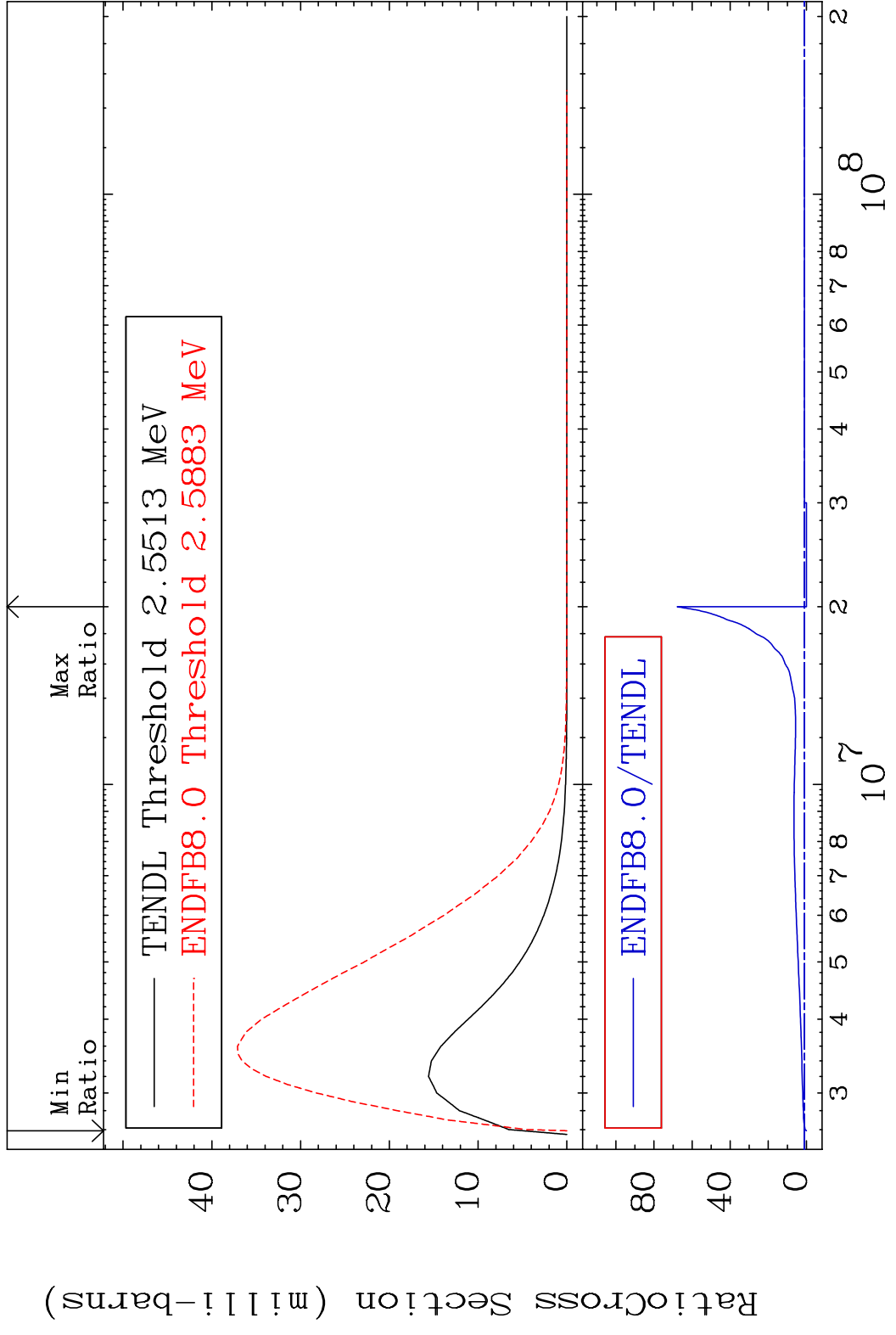
MAT 2925 MT= 68 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 12.72 %



MAT 2925 MT= 69 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 3655. %

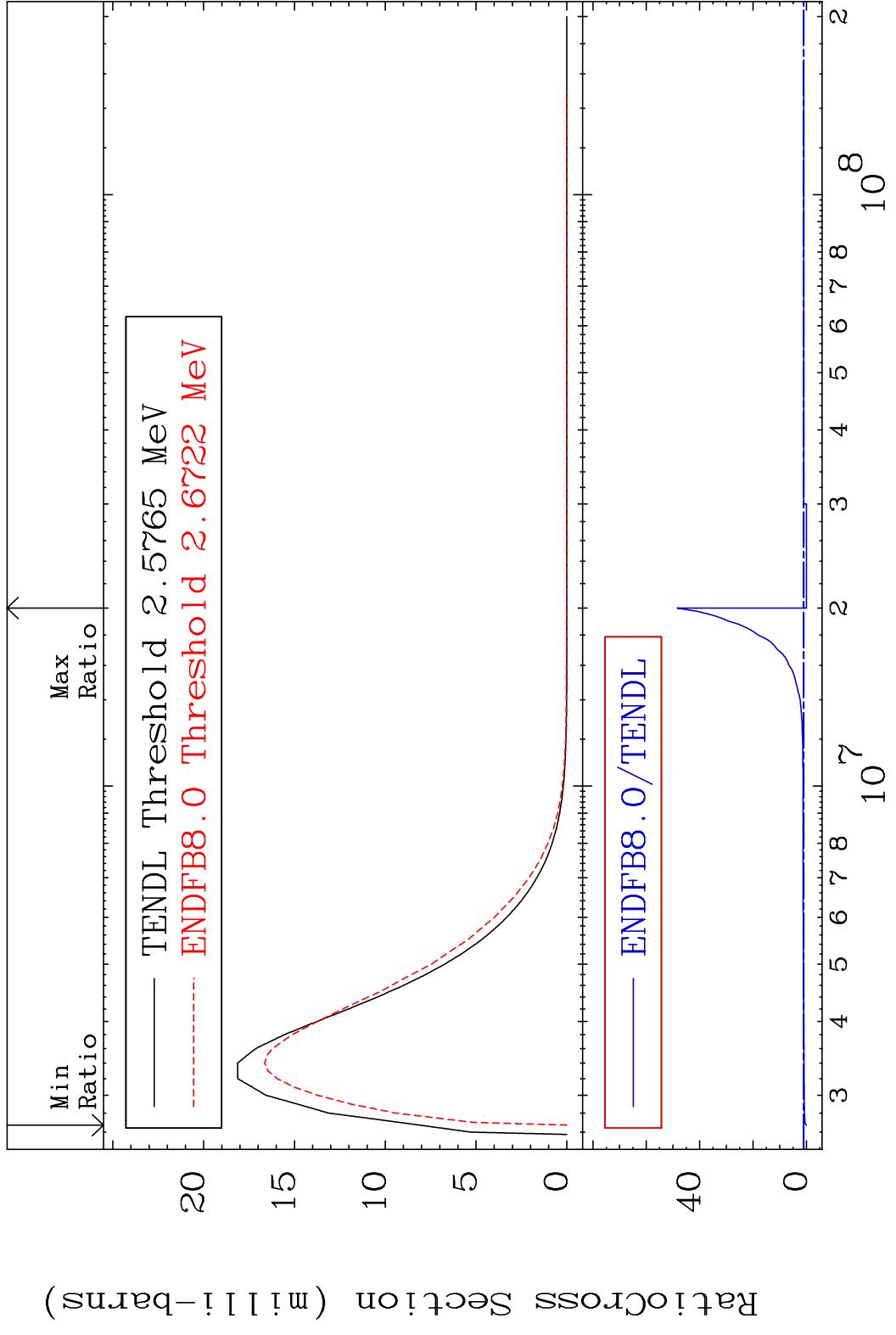


MAT 2925 MT= 70 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 6684. %



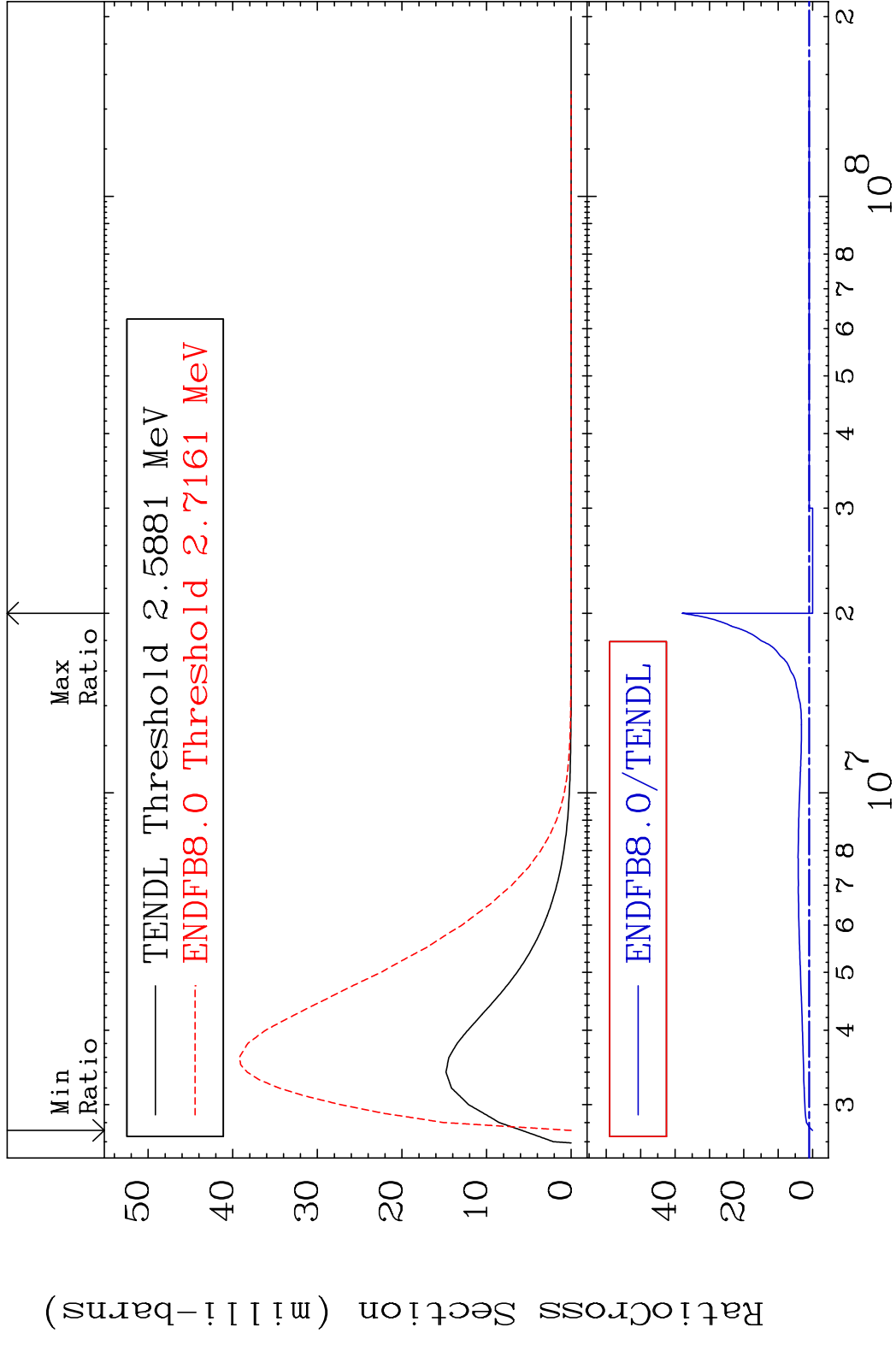
29 Incident Energy (eV) 29-Cu-63

MAT 2925 MT= 71 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 4743. %

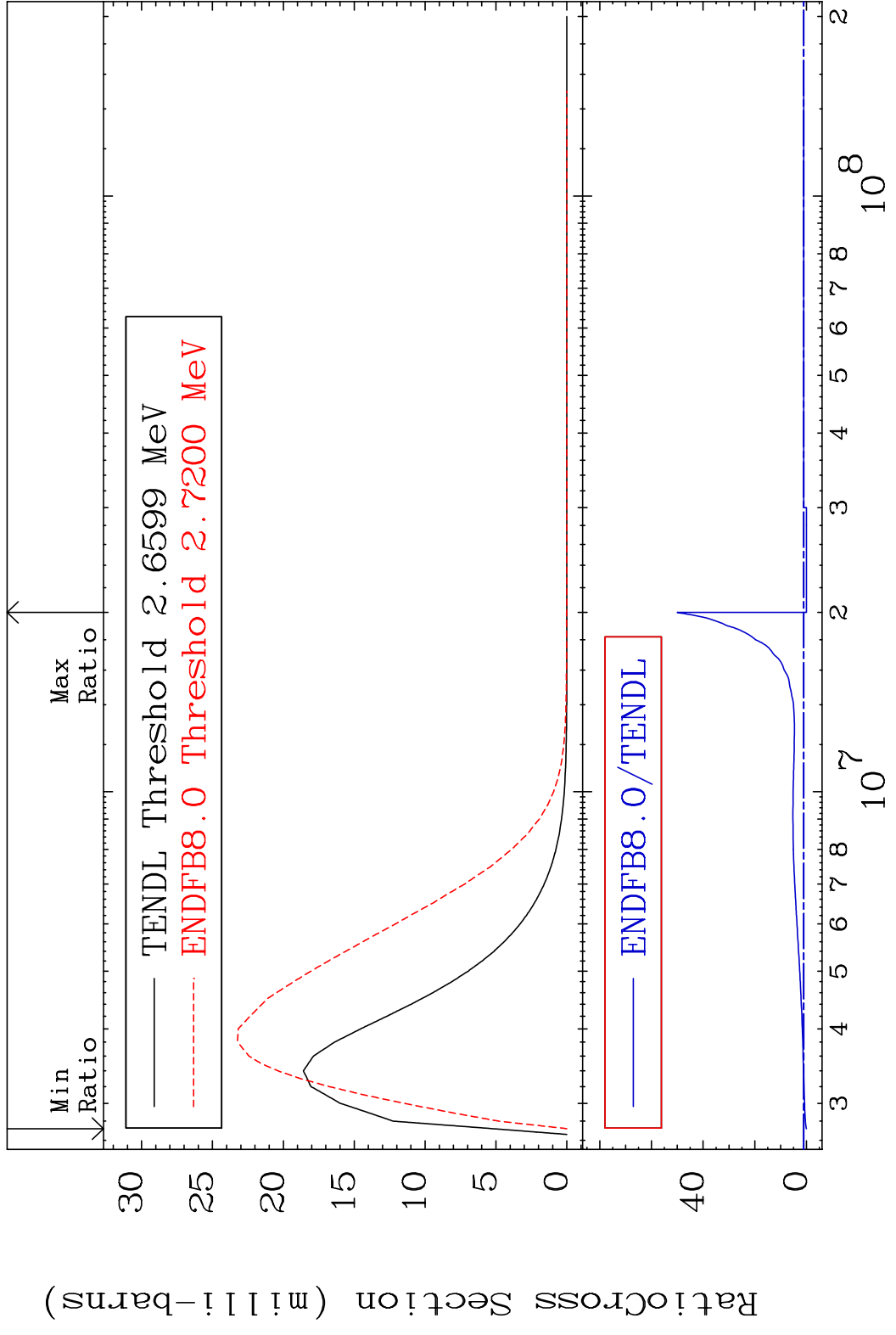


30 29-Cu-63

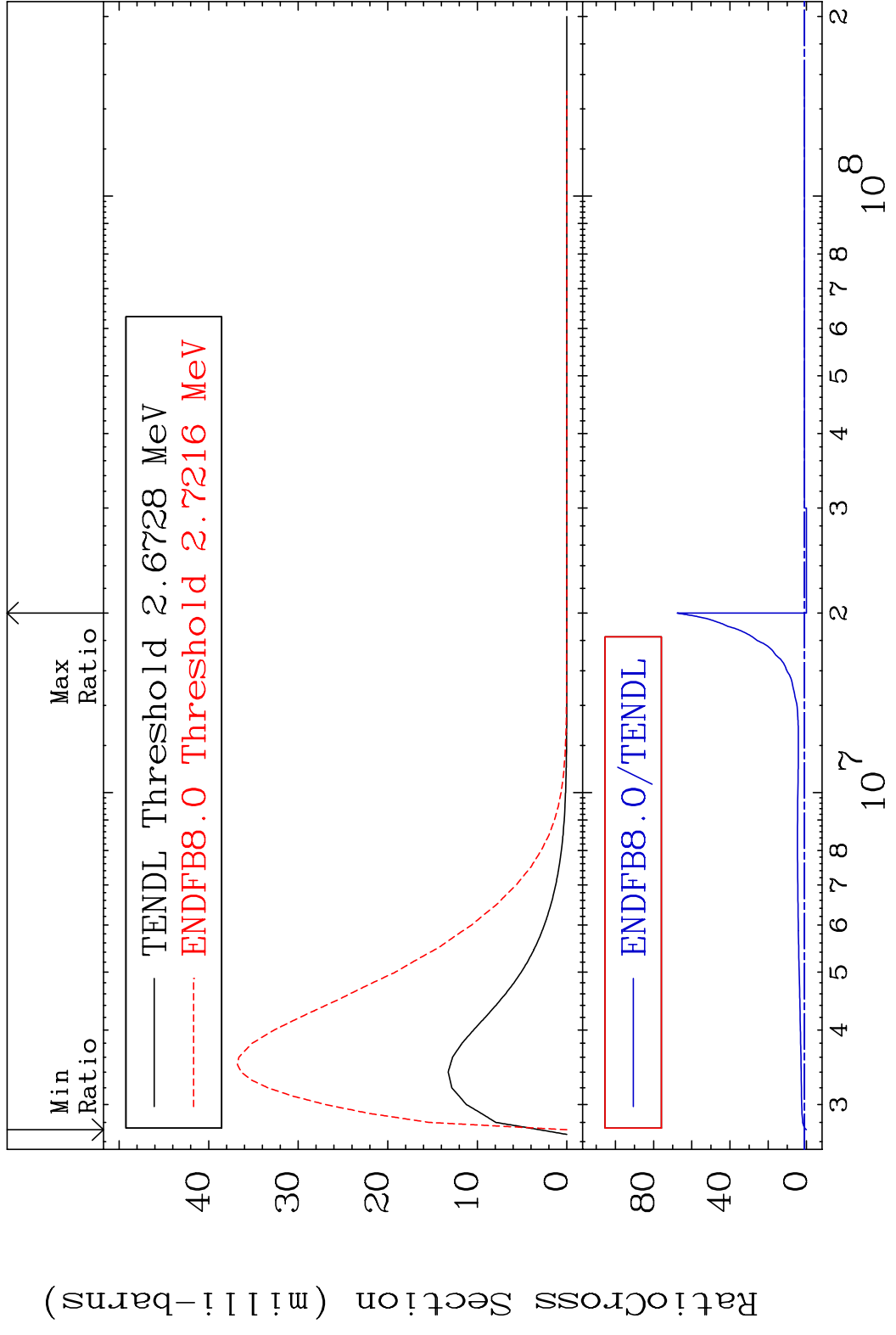
MAT 2925 MT= 72 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 3687. %



MAT 2925 MT= 73 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 4905. %

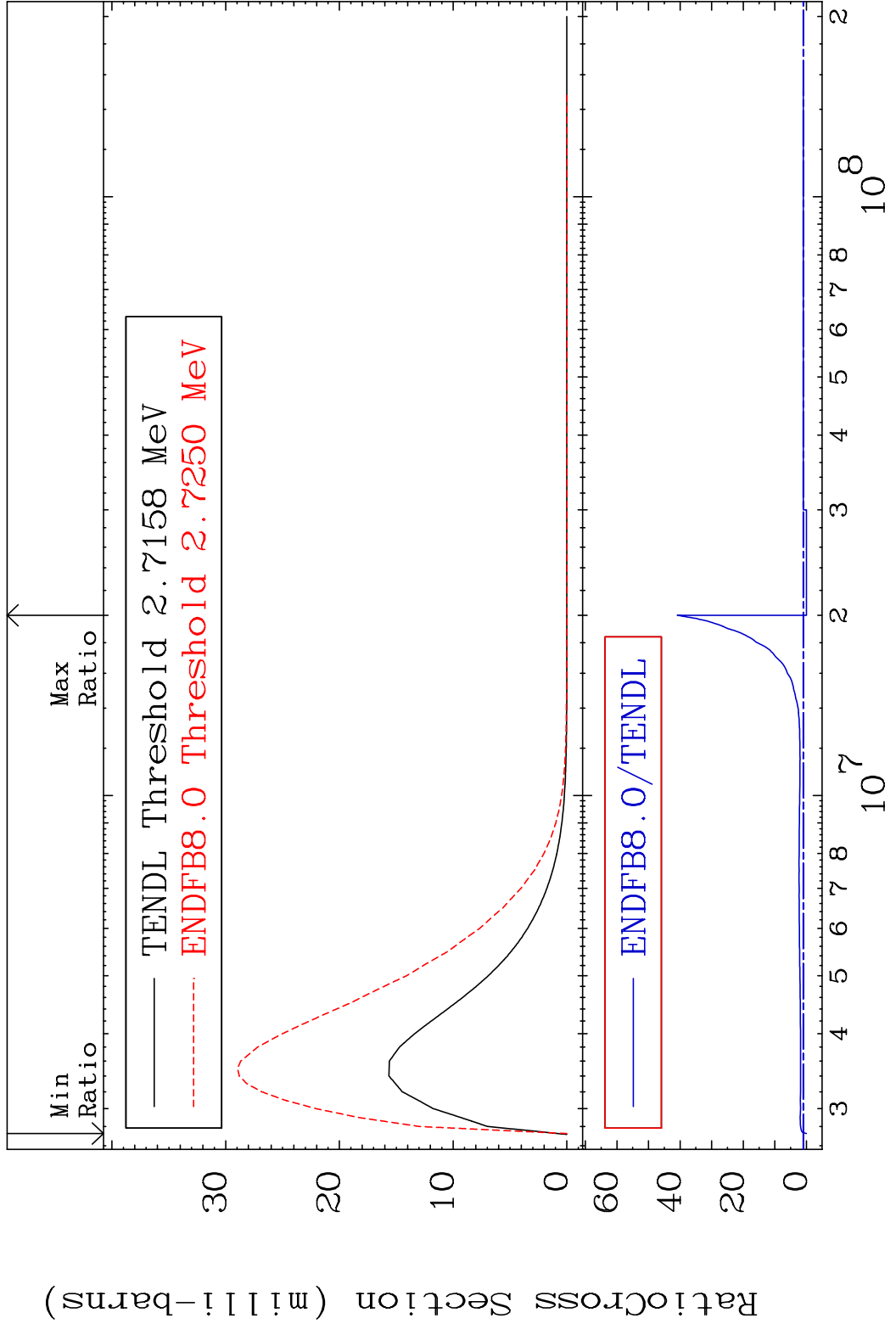


MAT 2925 MT= 74 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 6665. %



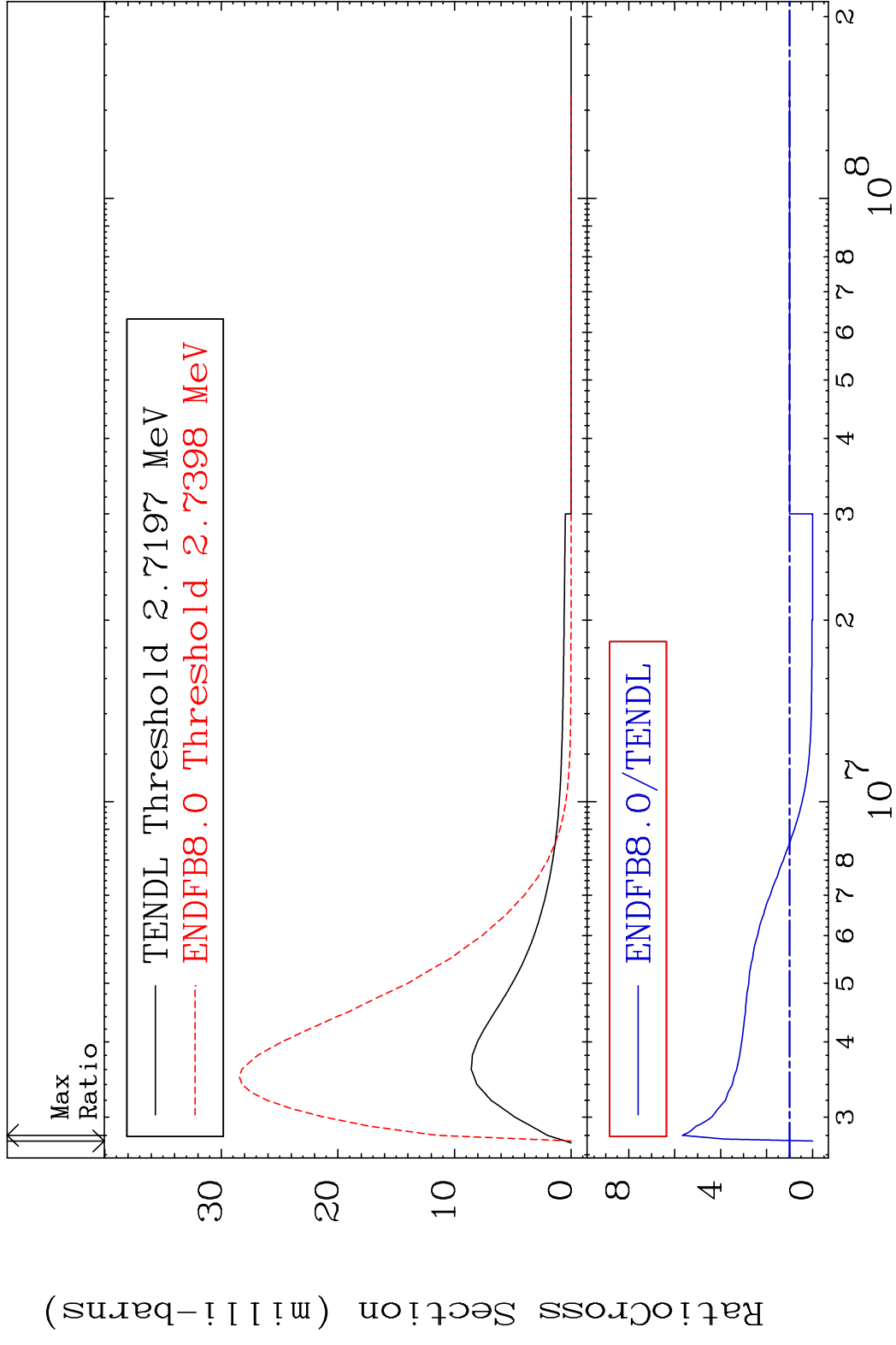
33 Incident Energy (eV) 29-Cu-63

MAT 2925 MT= 75 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 3992. %

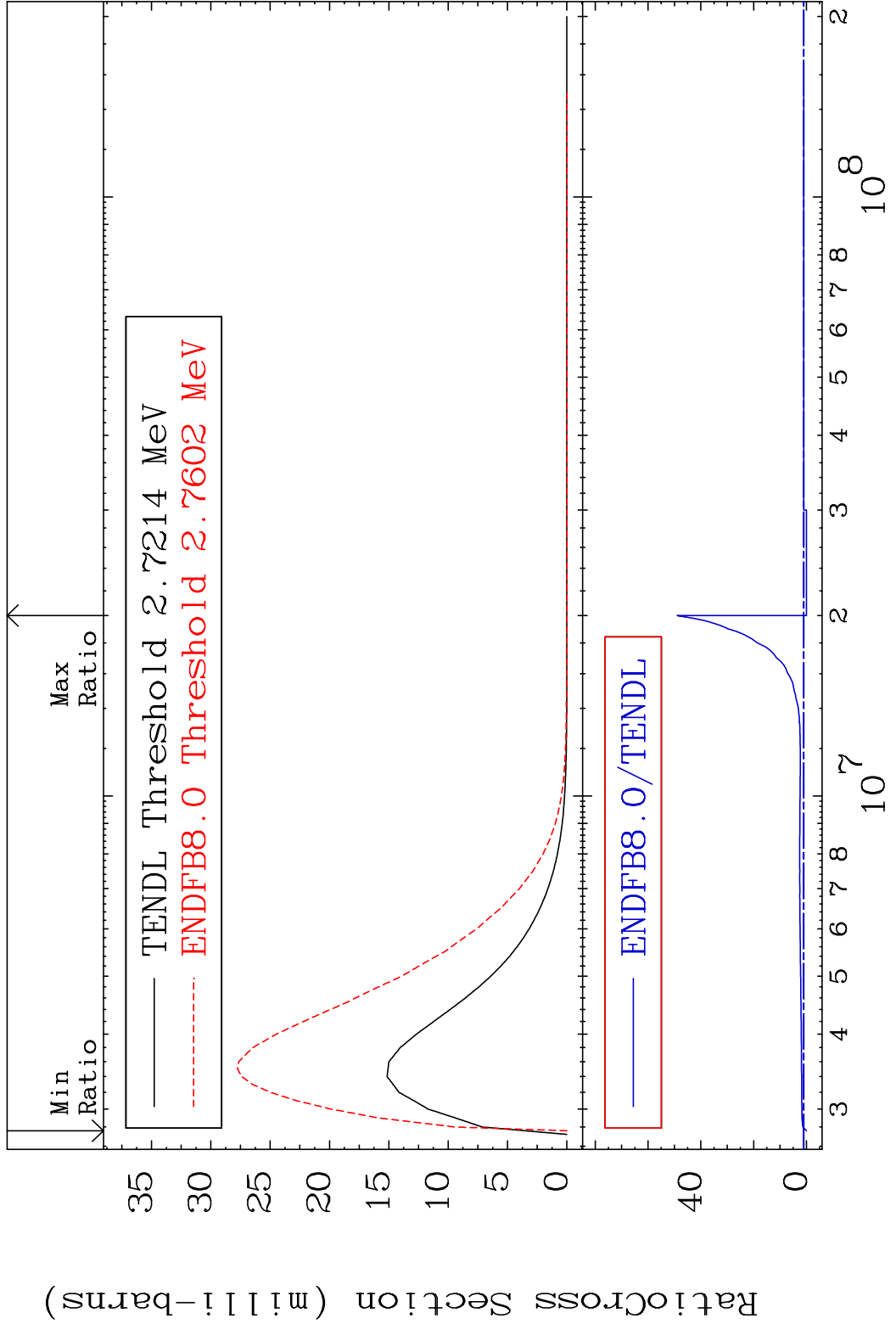


34 Incident Energy (eV) 29-Cu-63

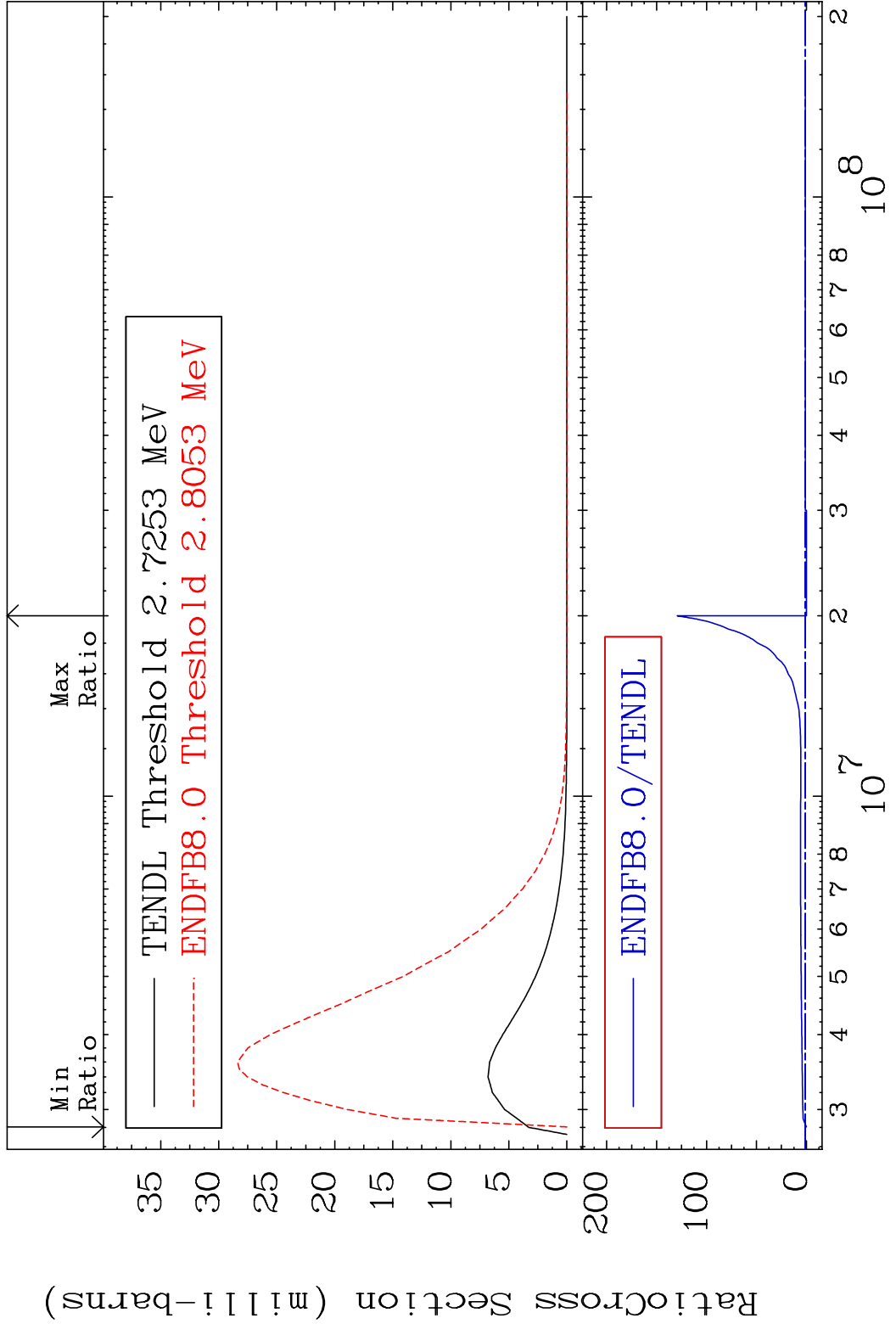
MAT 2925 MT= 76 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 466.6 %



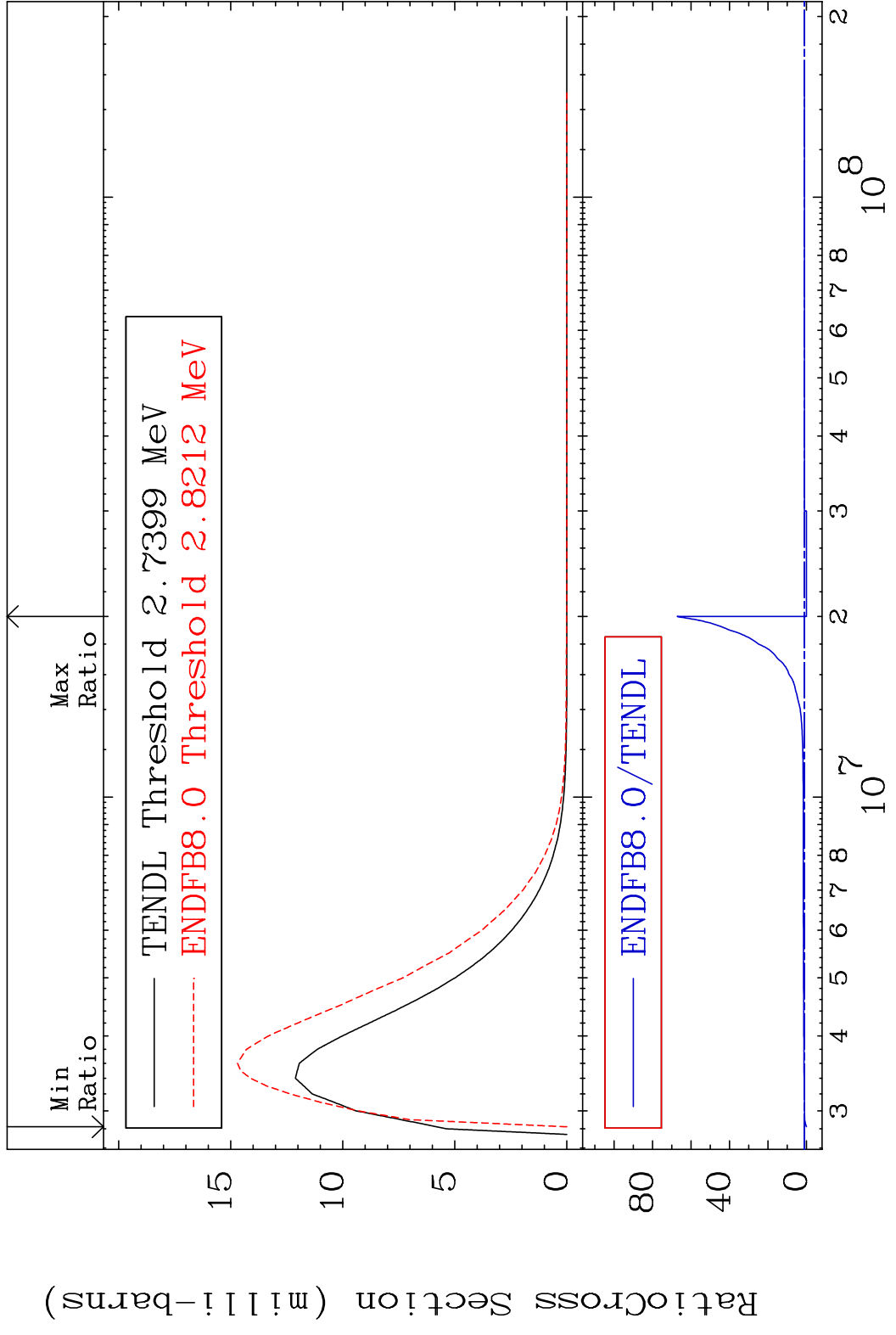
MAT 2925 MT= 77 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 4796. %



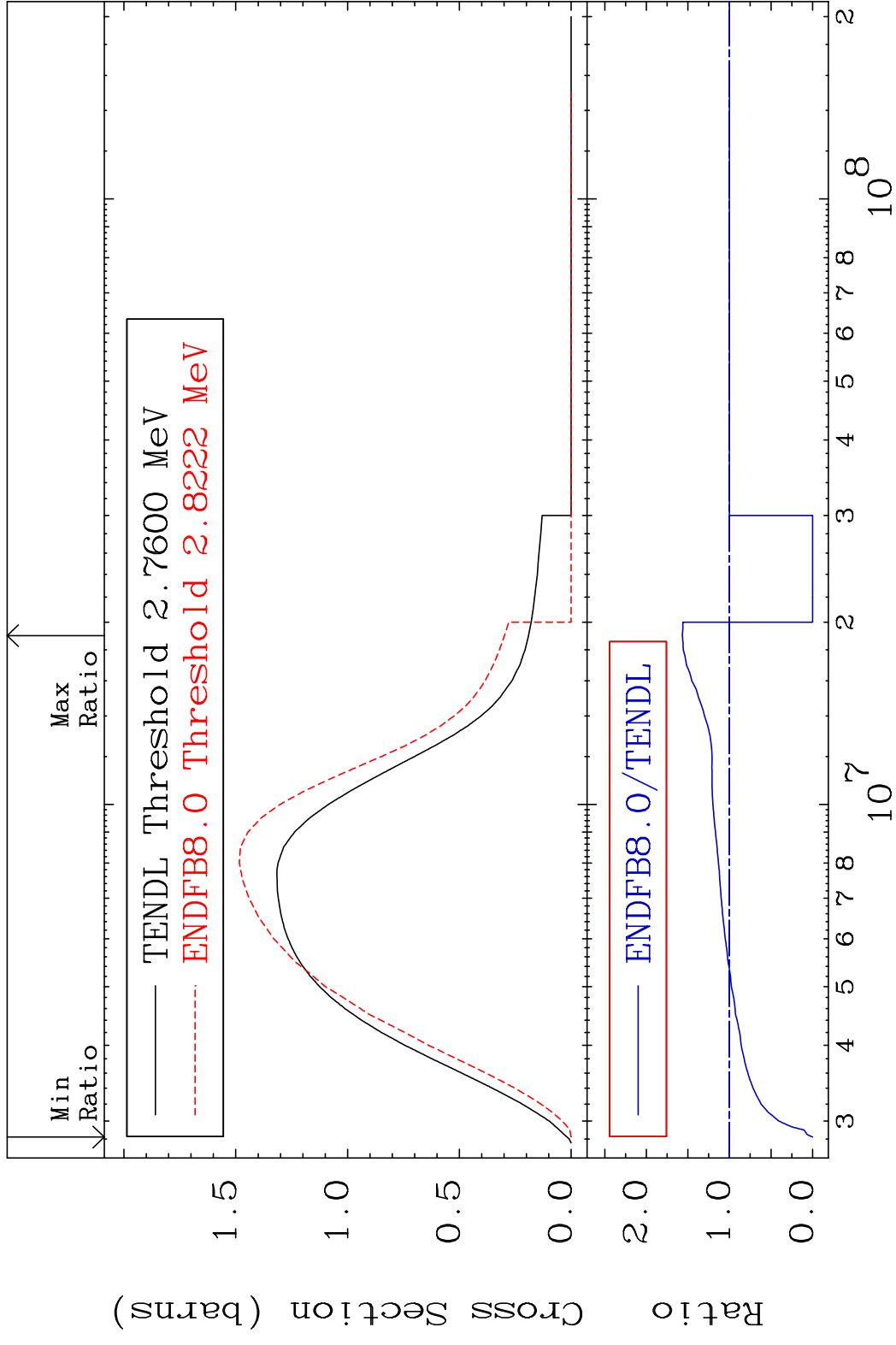
MAT 2925 MT= 78 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 9999. %



MAT 2925 MT= 79 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 6619. %



MAT 2925 (n,n') Continuum 29-Cu-63
 Cross Section -100.0 To 56.68 %

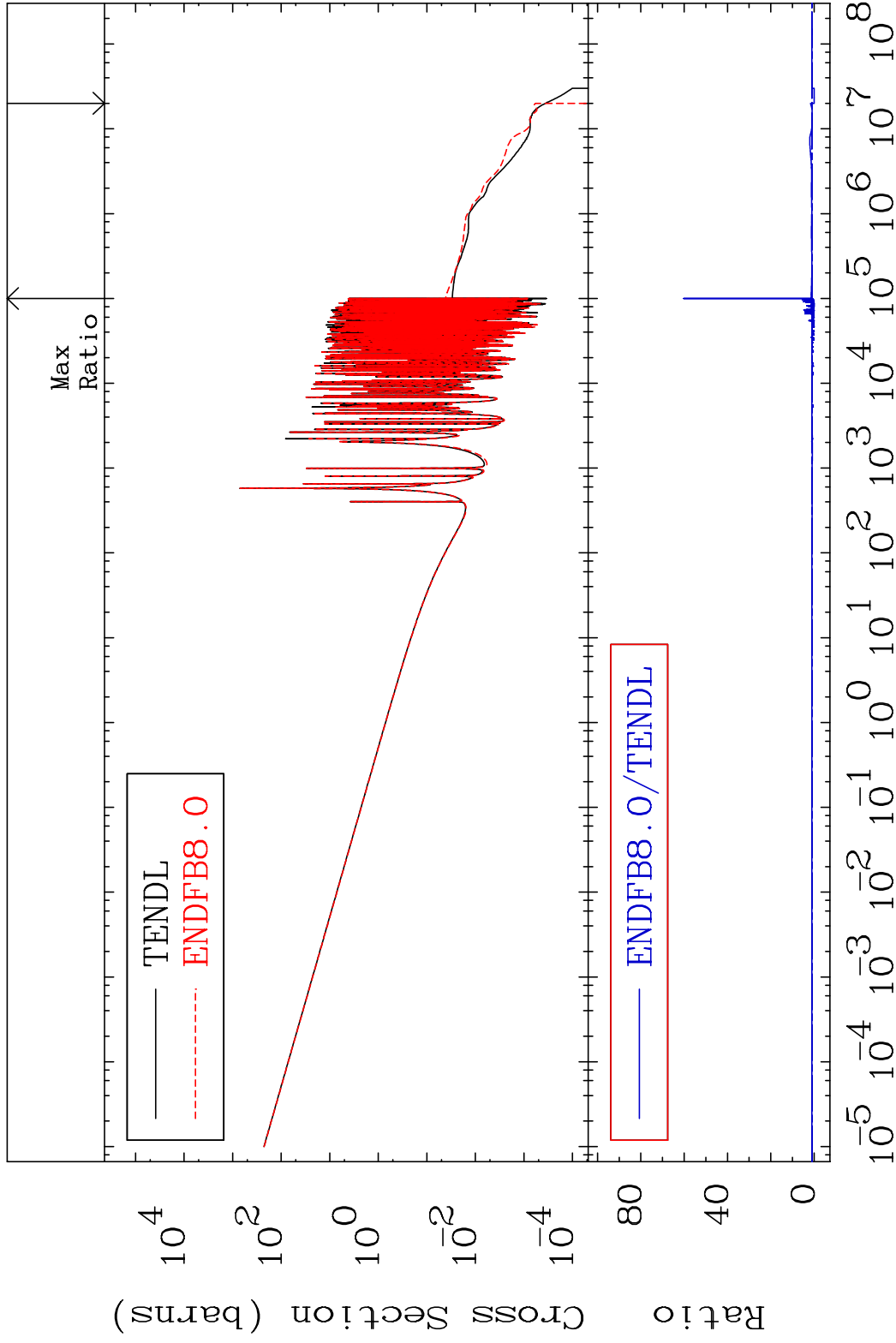


MAT 2925

(n, γ)

29-Cu-63

Cross Section -100.0 To 5923. %



40

Incident Energy (eV)

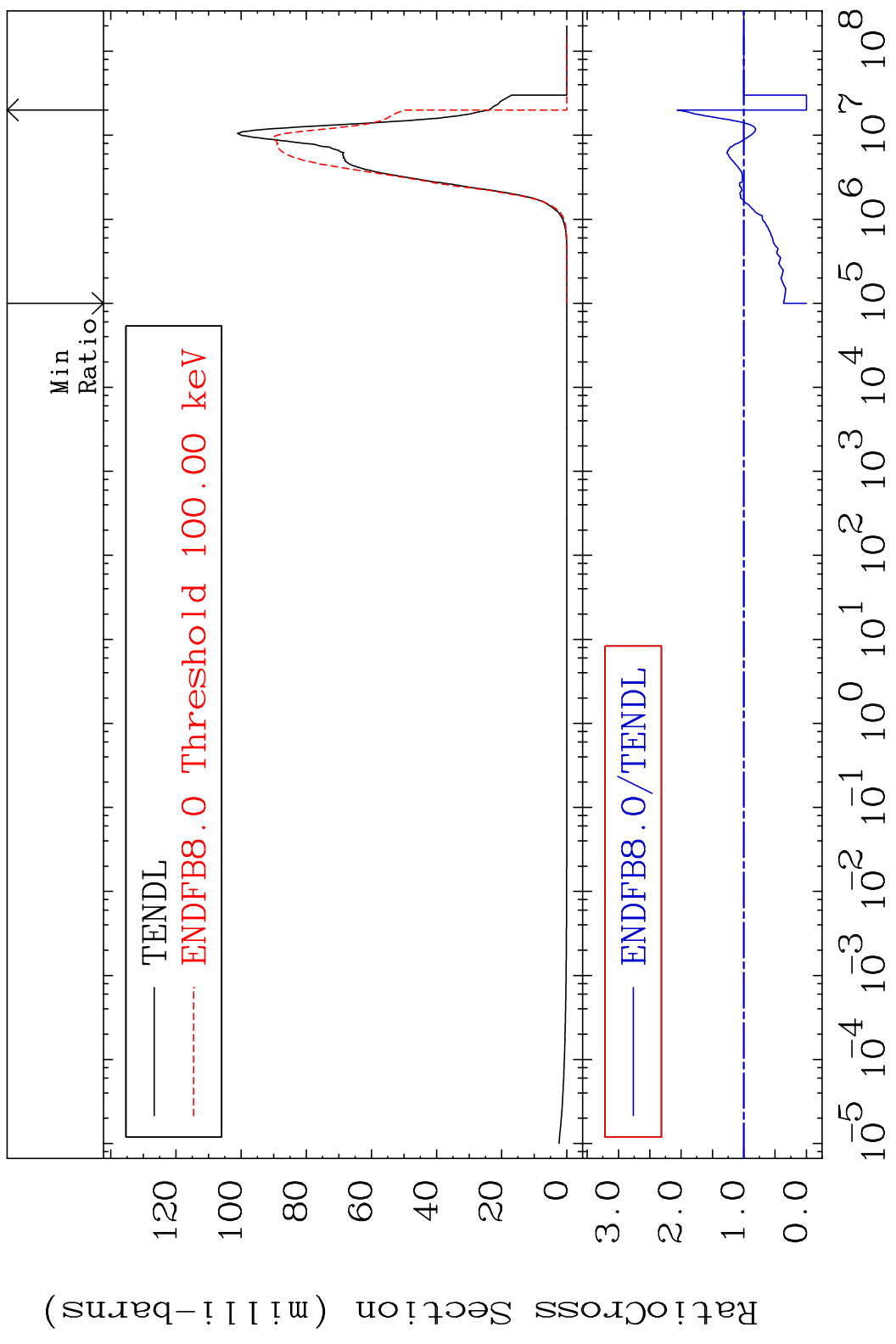
29-Cu-63

MAT 2925

(n,p)

29-Cu-63

Cross Section -100.0 To 106.3 %

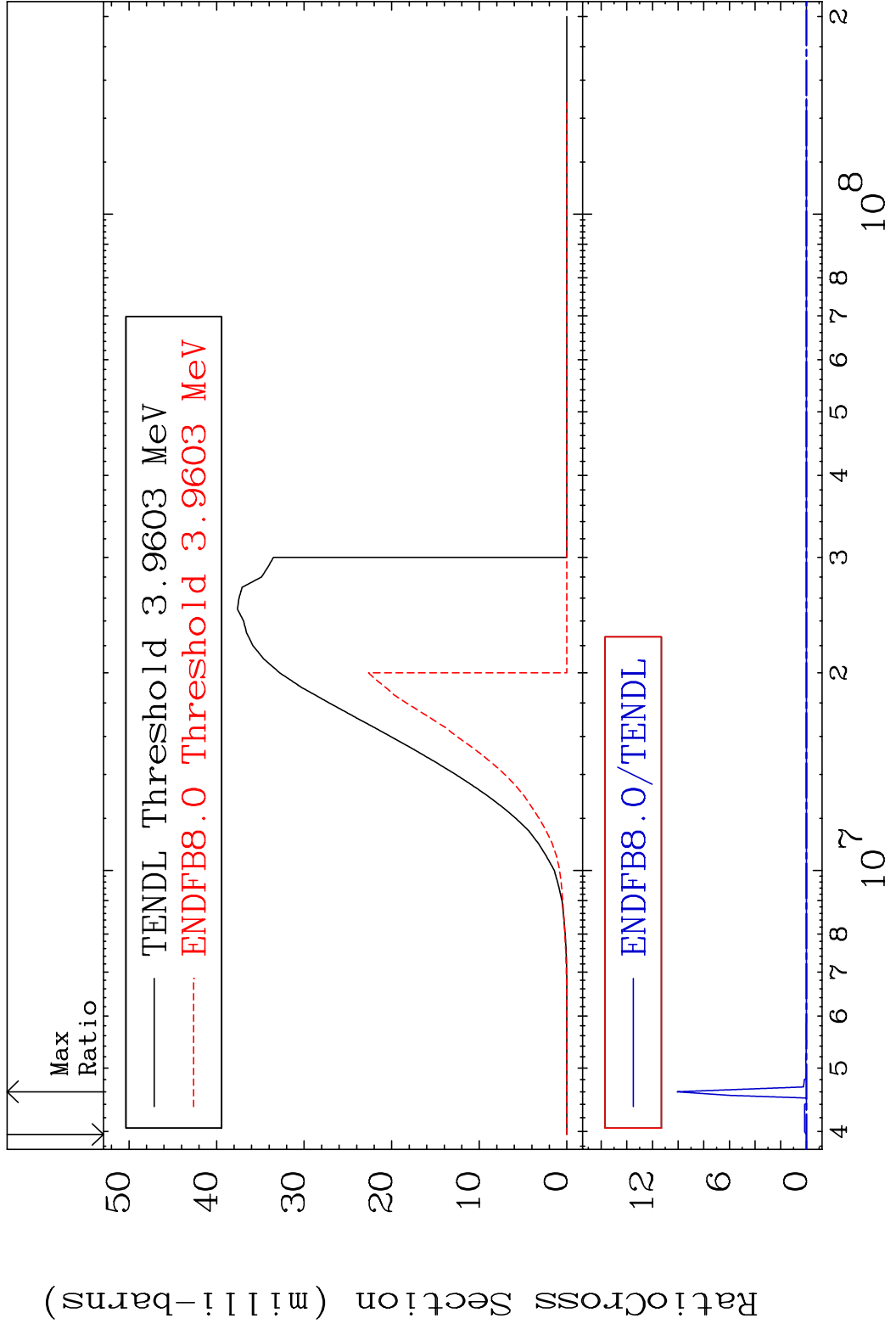


41

Incident Energy (eV)

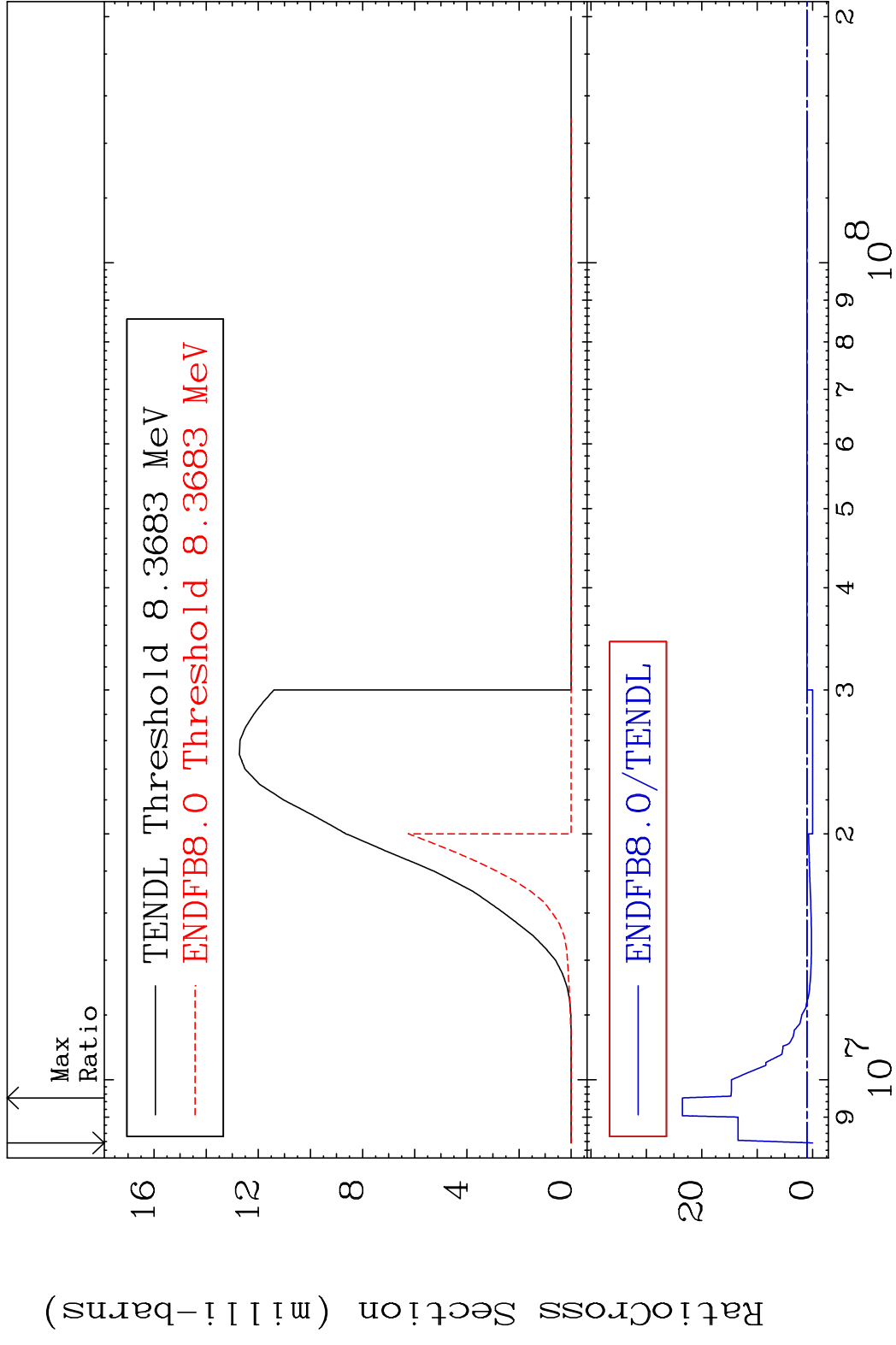
29-Cu-63

MAT 2925 (n,d) 29-Cu-63
 Cross Section -100.0 To 9999. %



42 29-Cu-63

MAT 2925 (n, t) 29-Cu-63
 Cross Section -100.0 To 2250. %



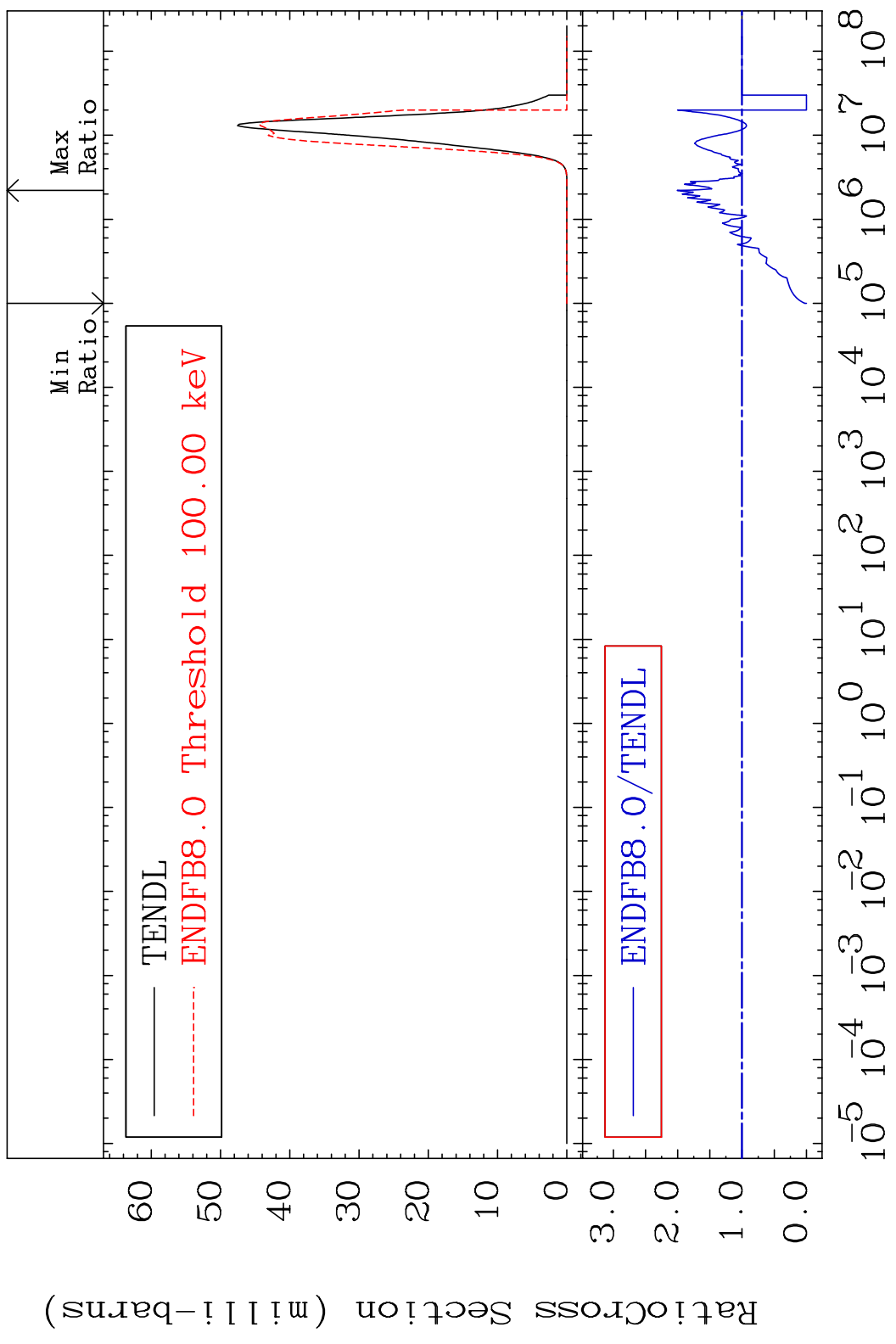
43 Incident Energy (eV) 29-Cu-63

MAT 2925

(n, α)

29-Cu-63

Cross Section -100.0 To 100.8 %

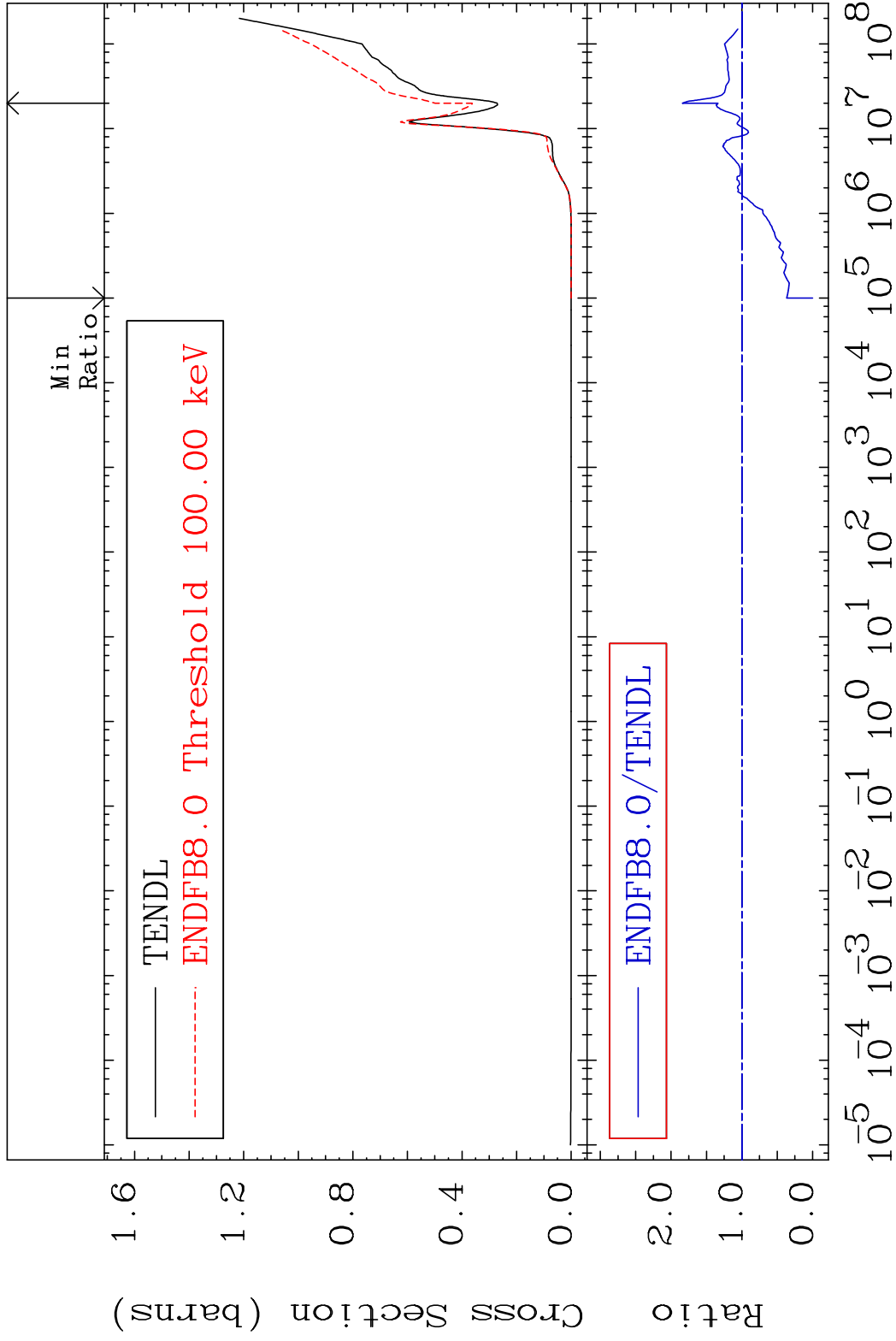


MAT 2925

Hydrogen Production

²⁹Cu-63

Cross Section -100.0 To 84.09 %

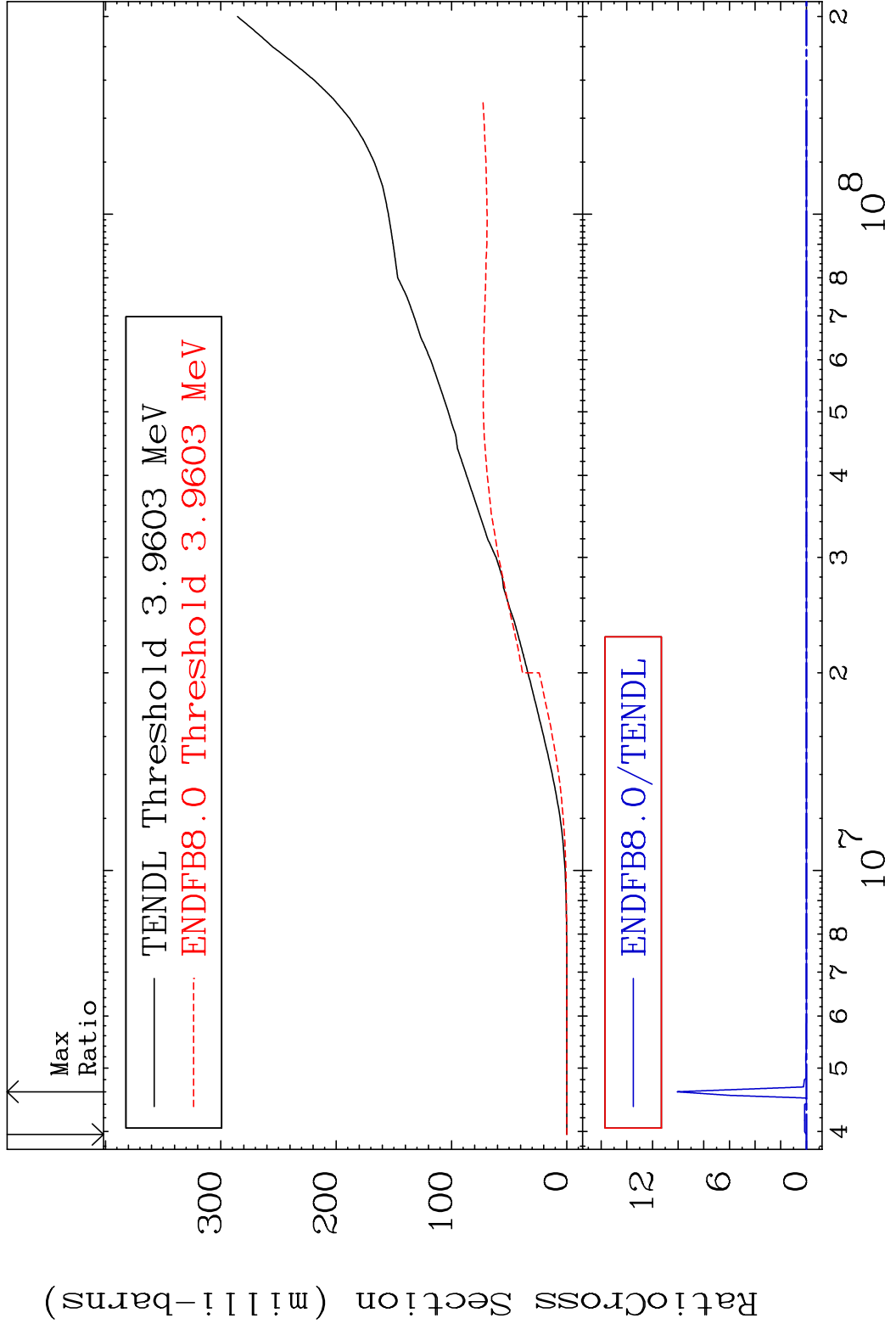


45

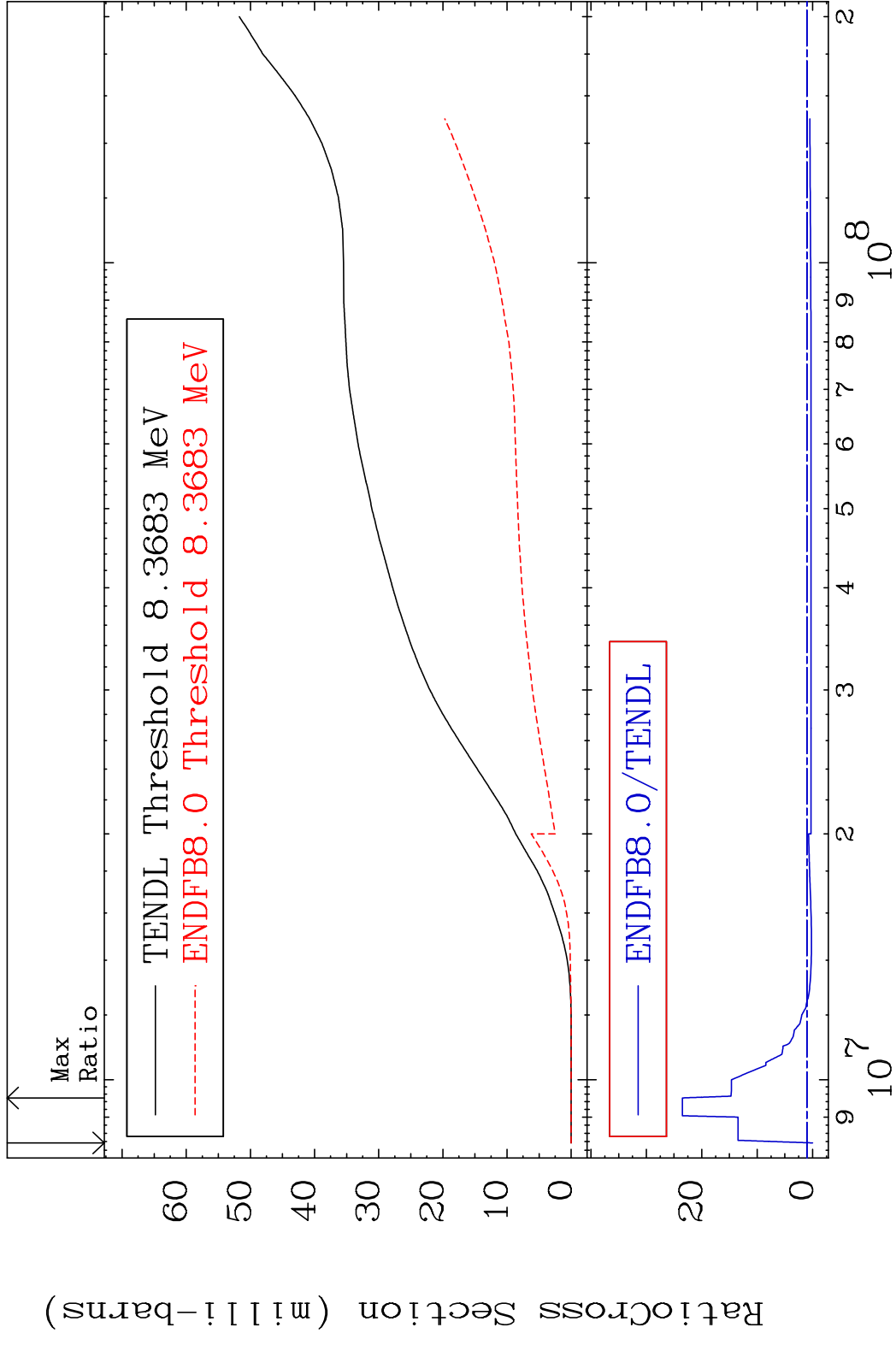
Incident Energy (eV)

²⁹Cu-63

MAT 2925 Deuterium Production 29-Cu-63
 Cross Section -100.0 To 9999. %



MAT 2925 Tritium Production 29-Cu-63
 Cross Section -100.0 To 2250. %



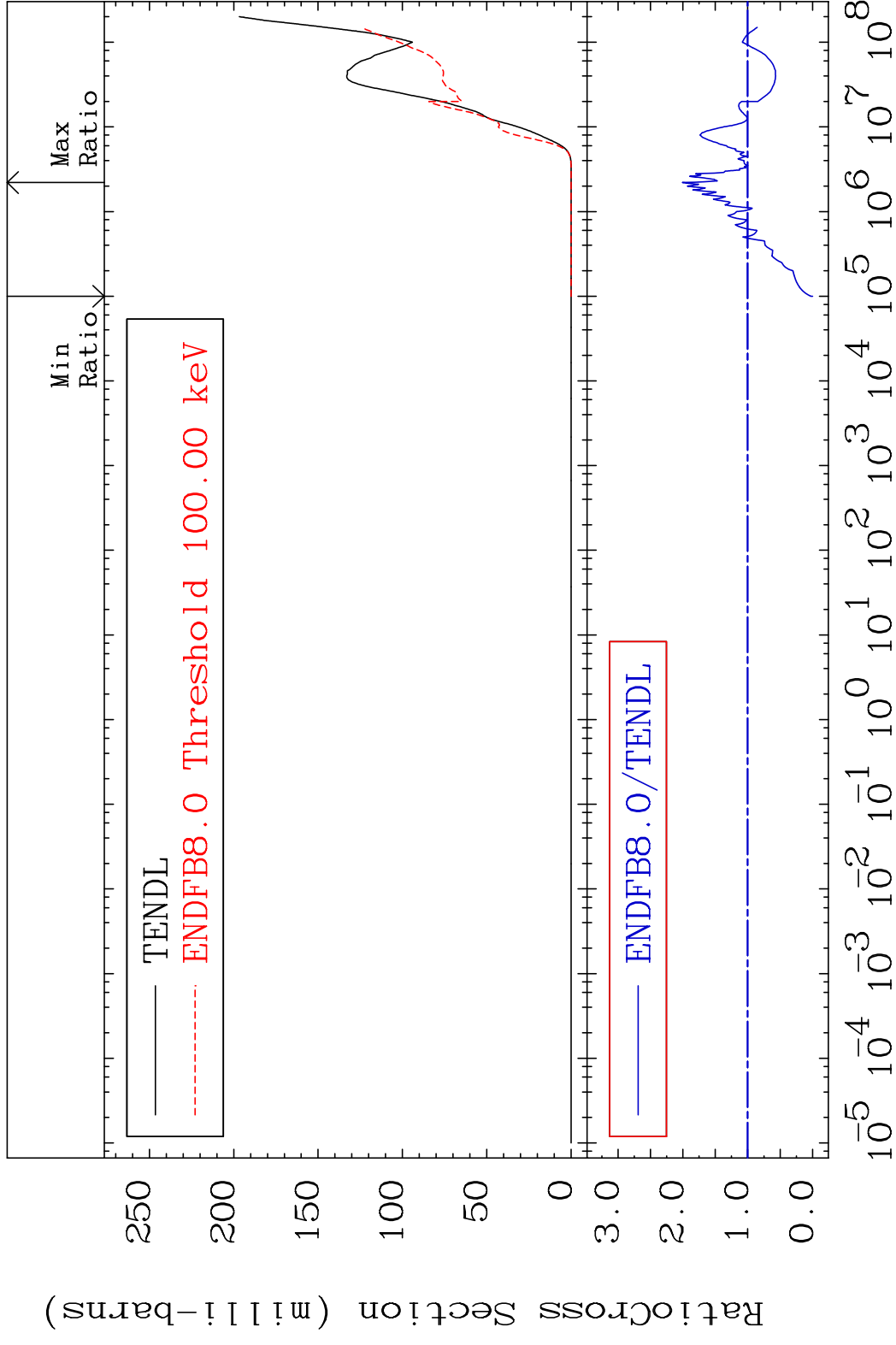
47 Incident Energy (eV) 29-Cu-63

MAT 2925

He-4 Production

29-Cu-63

Cross Section -100.0 To 100.8 %

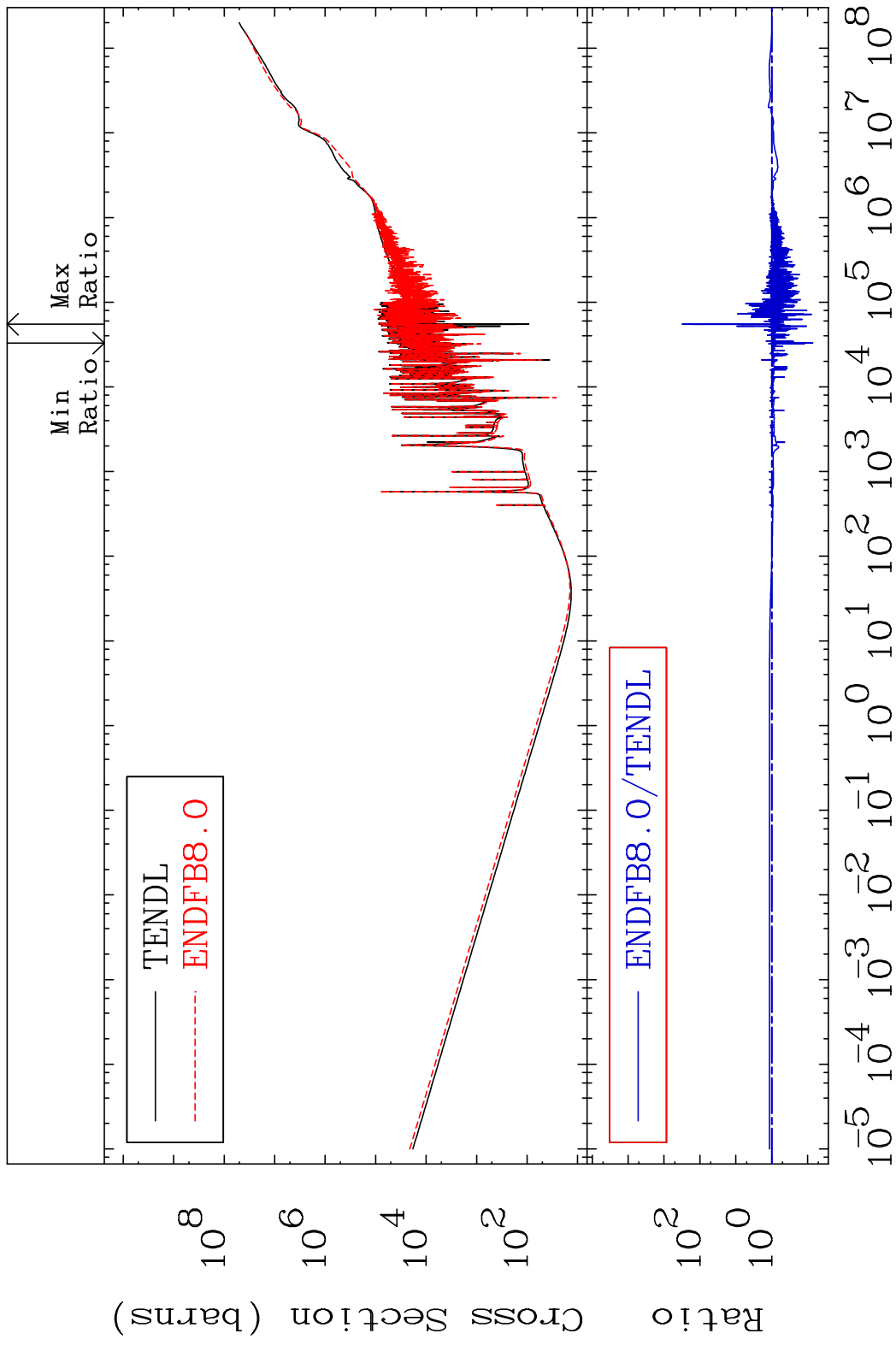


48

Incident Energy (eV)

29-Cu-63

MAT 2925 Kerma total (eV-barns) 29-Cu-63
Cross Section -92.72 To 9999. %

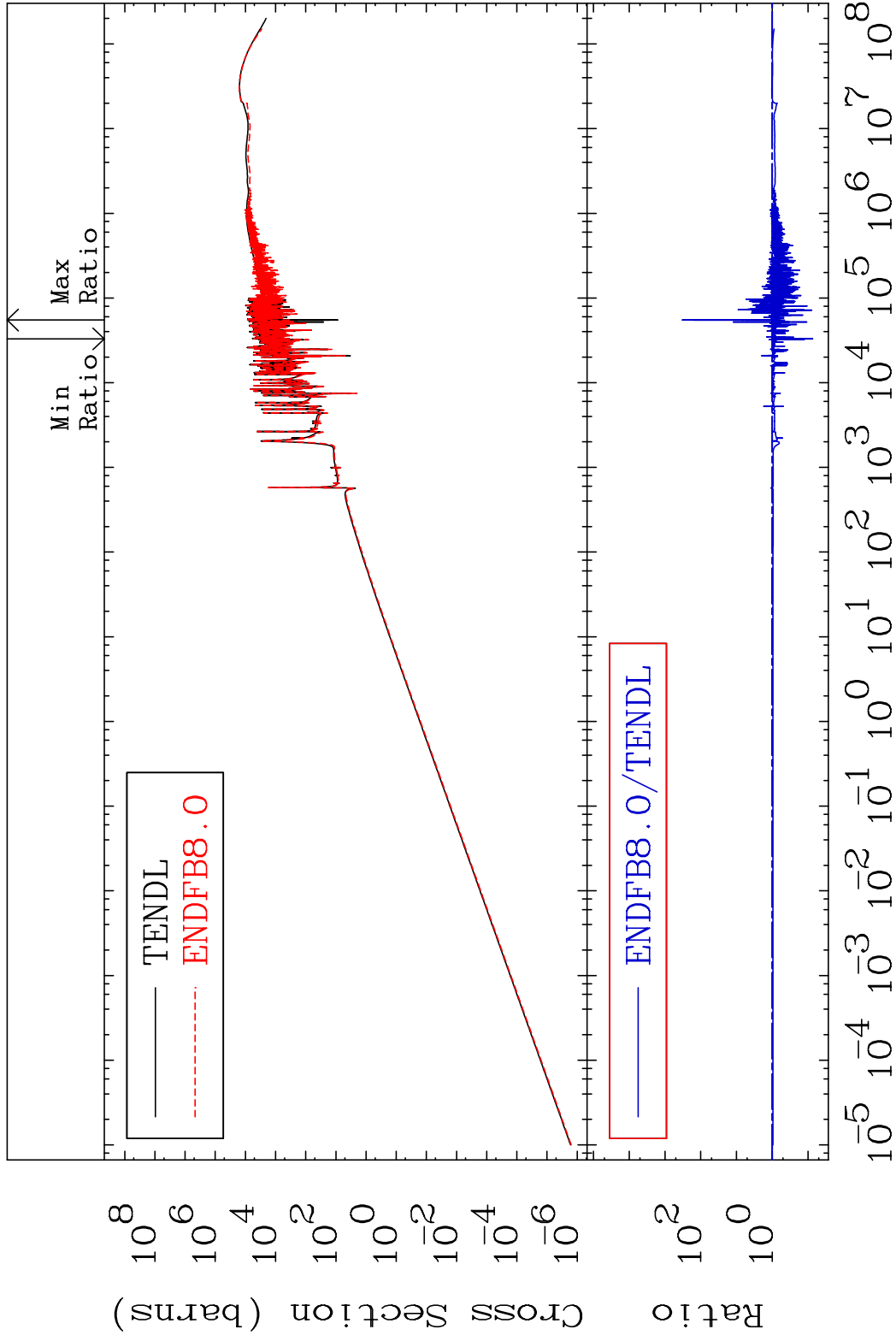


MAT 2925

Kerma elastic

29-Cu-63

Cross Section -92.58 To 9999. %

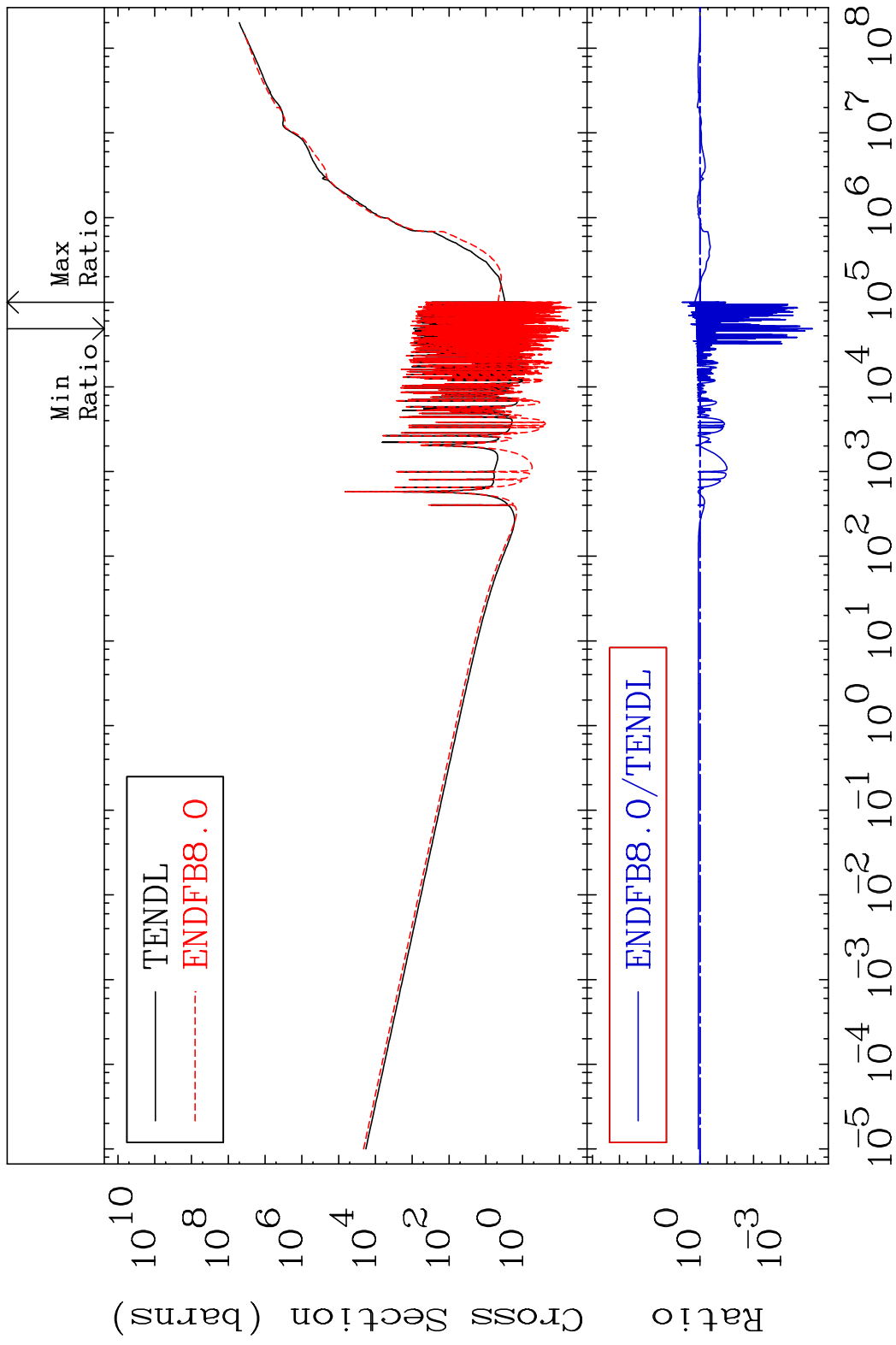


50

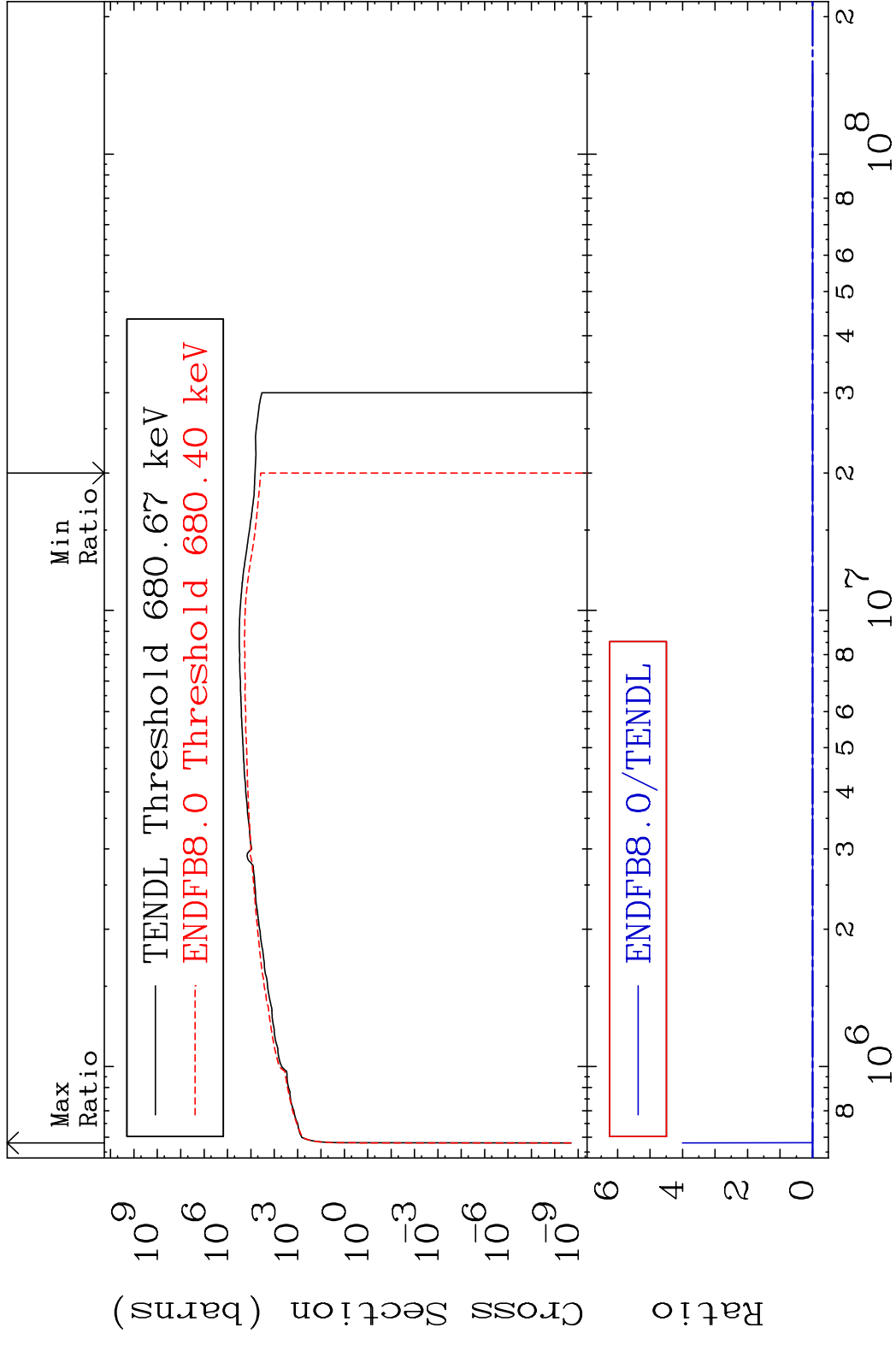
Incident Energy (eV)

29-Cu-63

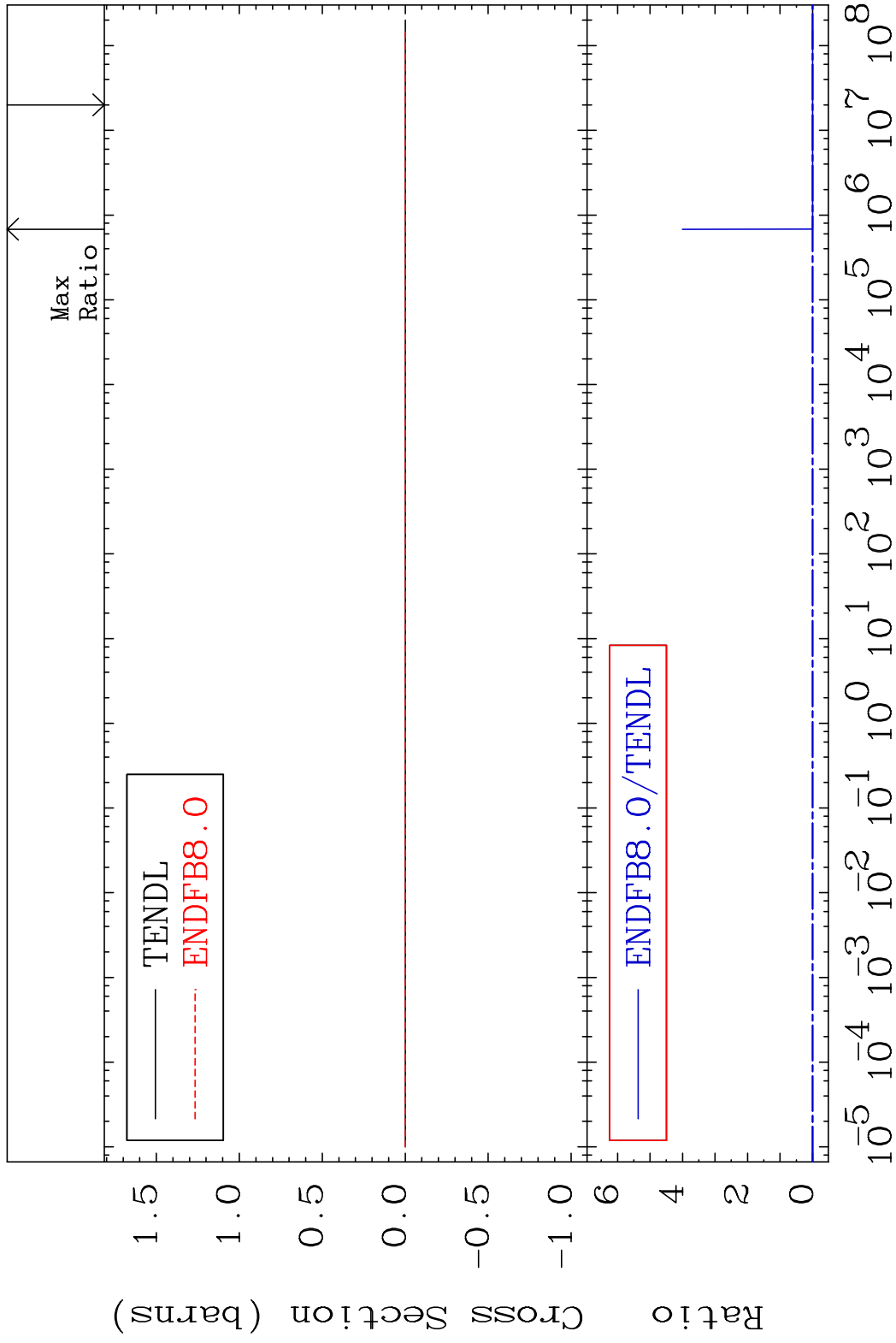
MAT 2925 Kerma non-elastic (all but mt2) 29-Cu-63
 Cross Section -99.99 To 352.2 %



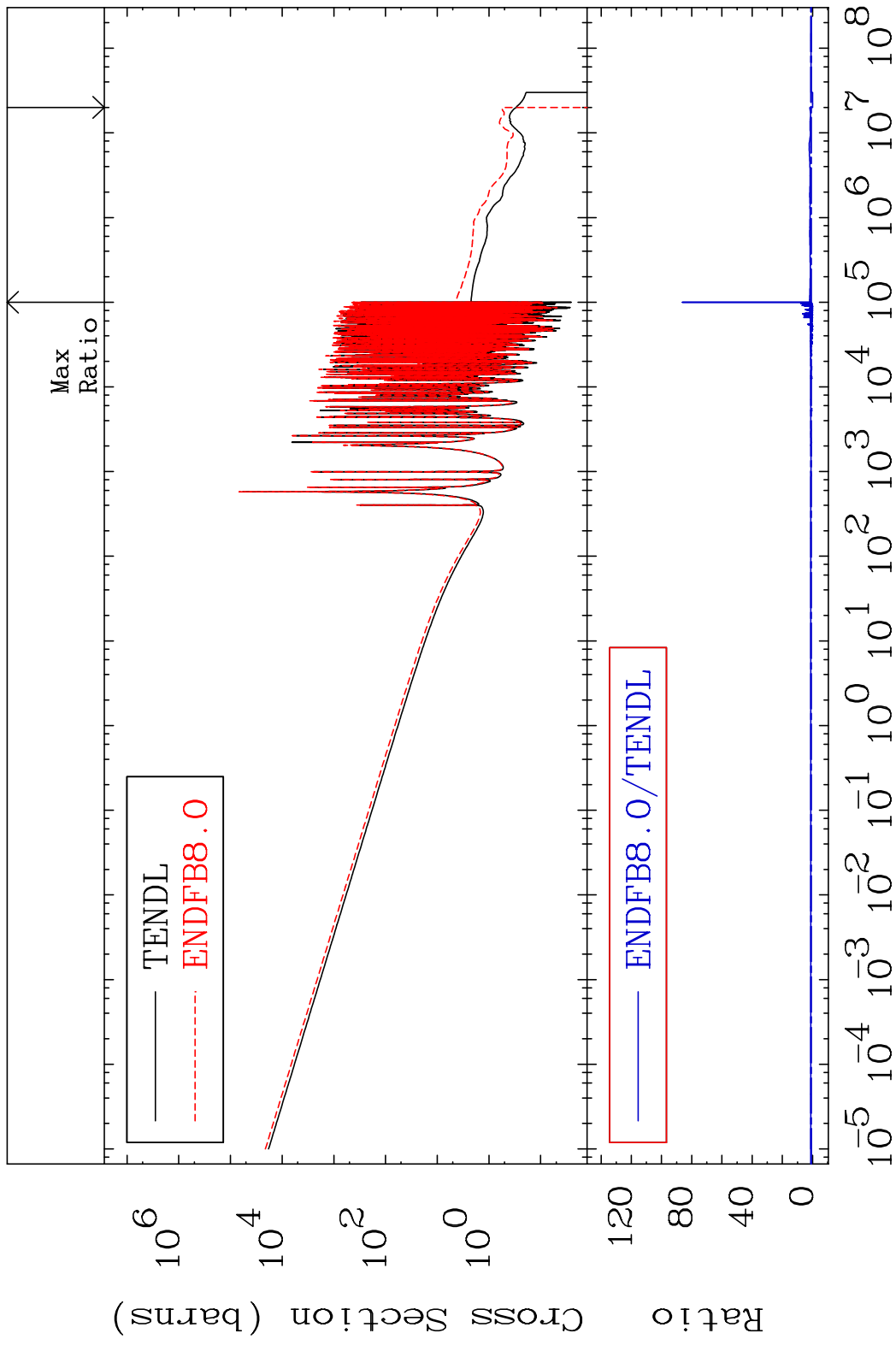
MAT 2925 Kerma inelastic (mt51-91) 29-Cu-63
 Cross Section -100.0 To 9999. %



MAT 2925 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-63
 Cross Section -100.0 To 9999. %

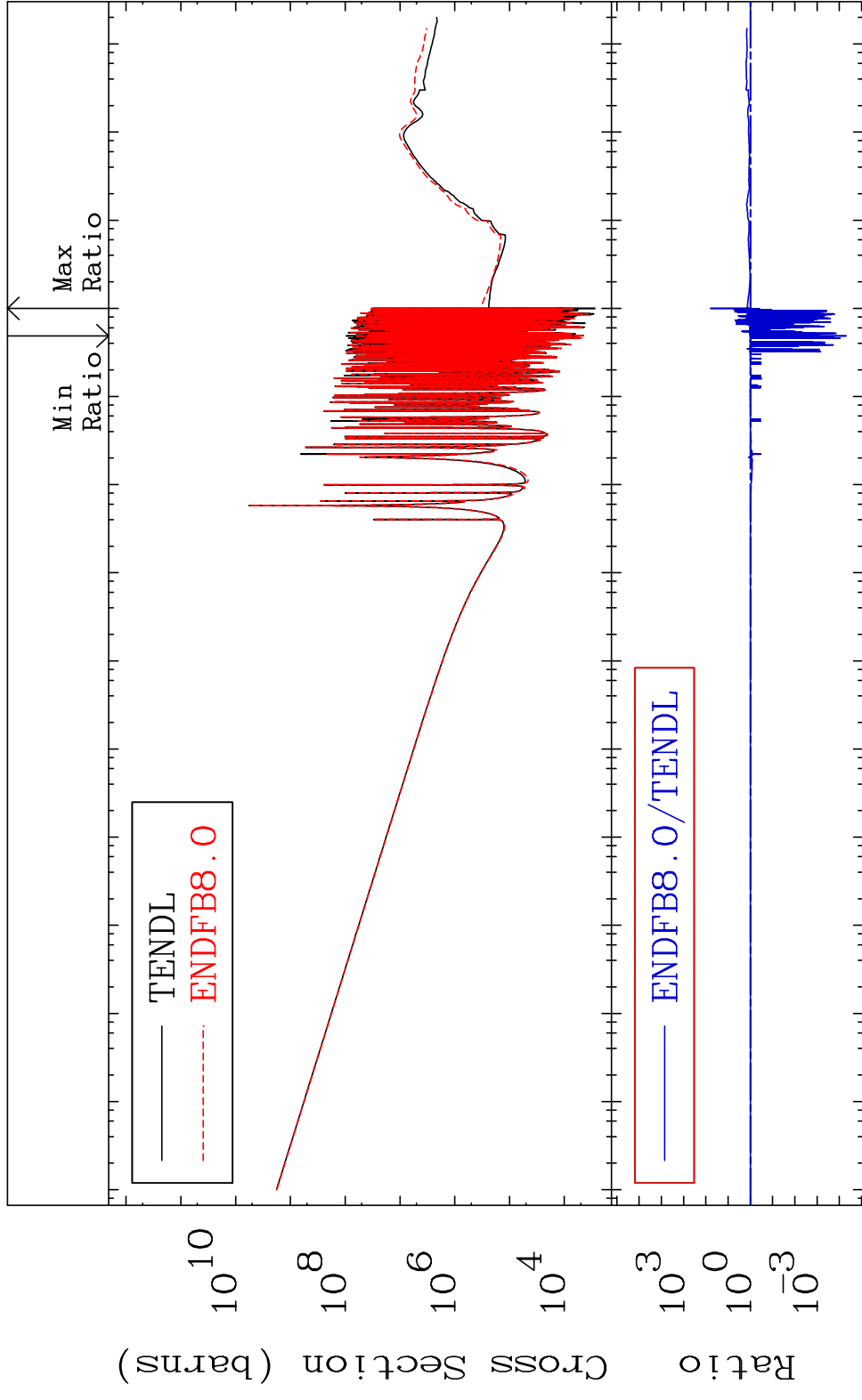


MAT 2925 Kerma capture (mt102) 29-Cu-63
 Cross Section -100.0 To 8520. %



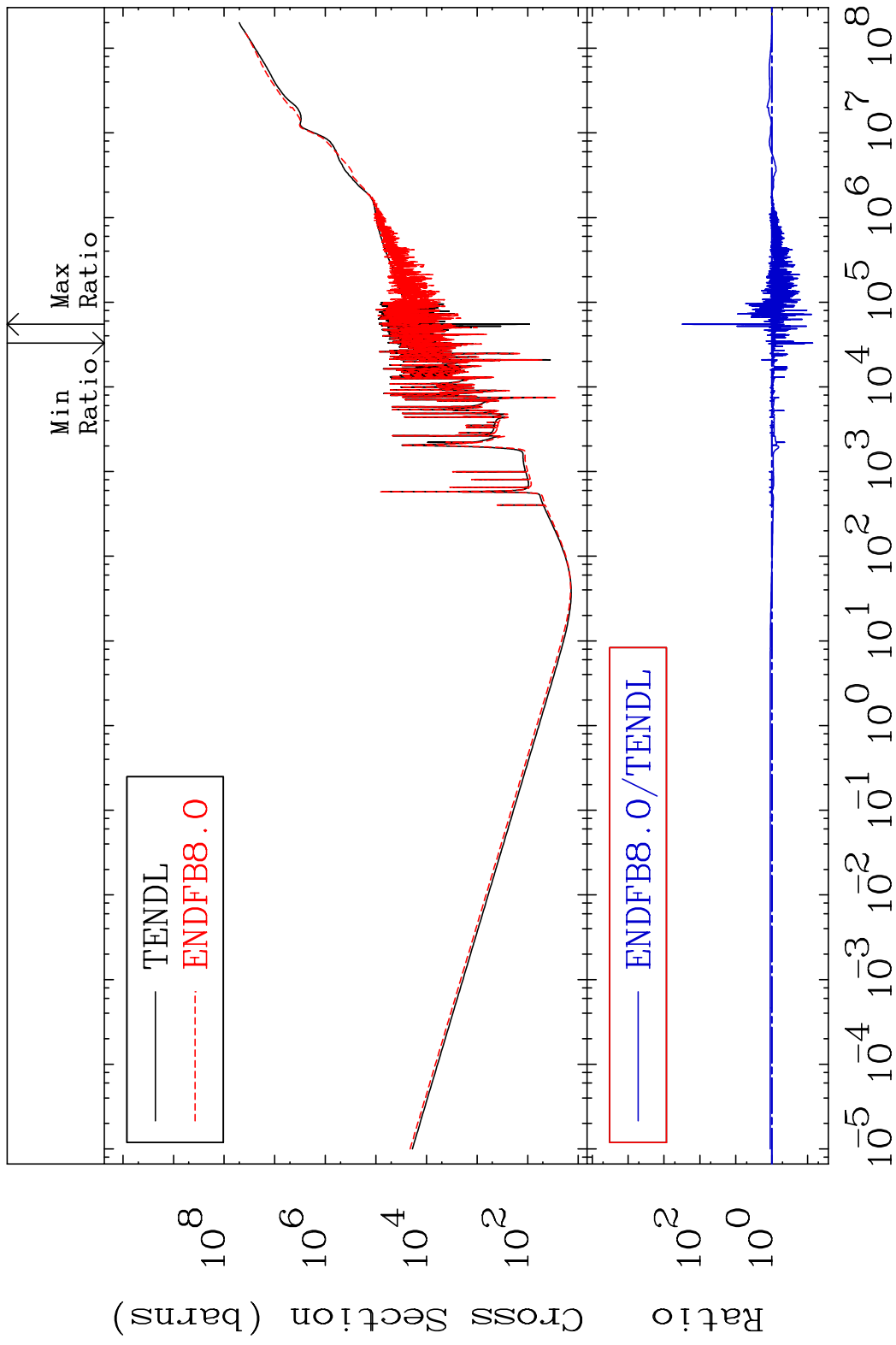
54 Incident Energy (eV) 29-Cu-63

MAT 2925 Total photon (eV-barns) 29-Cu-63
 Cross Section -100.0 To 5923. %

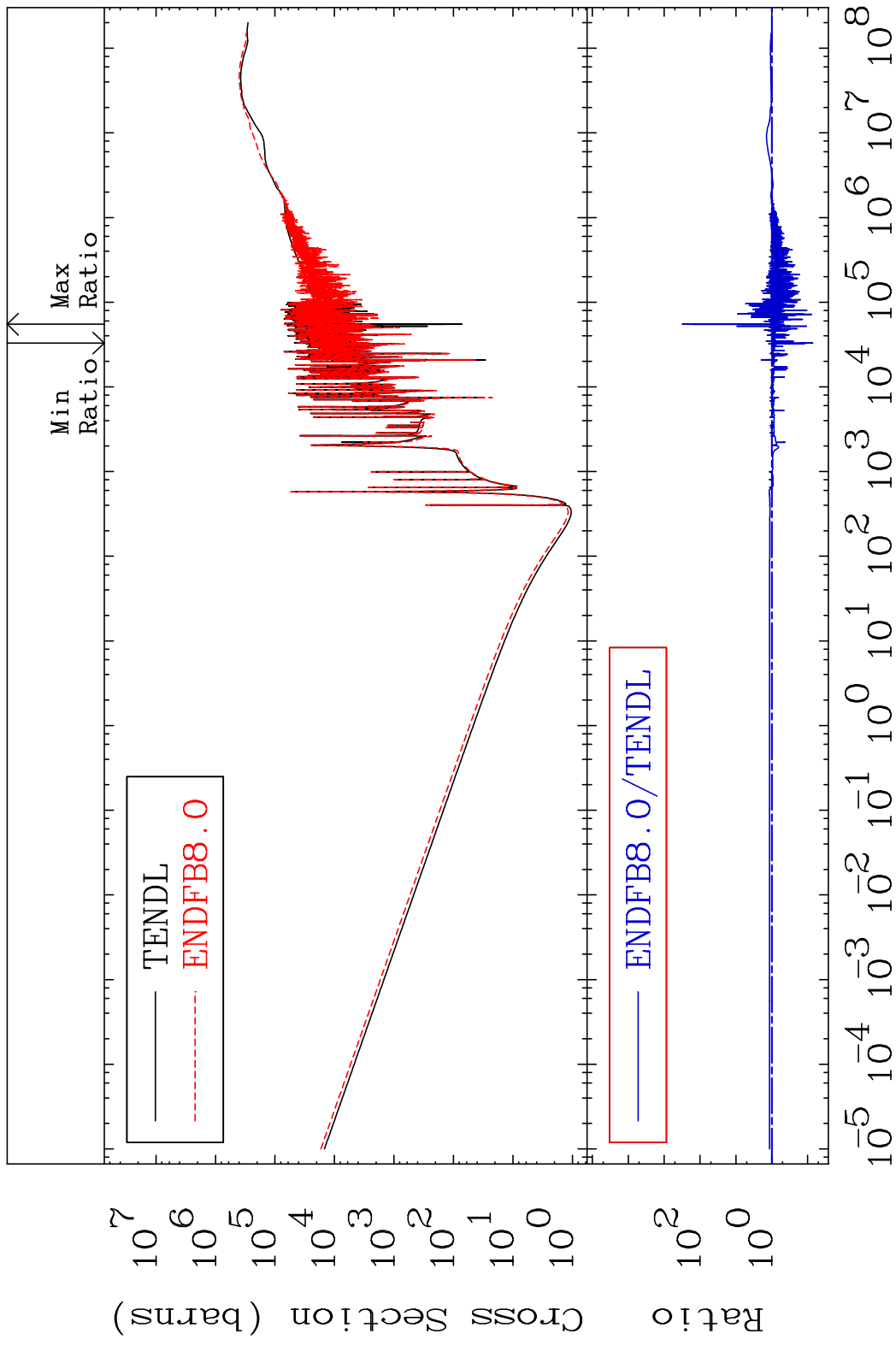


55 Incident Energy (eV) 29-Cu-63

MAT 2925 Total kinematic kerma (high limit) 29-Cu-63
 Cross Section -92.72 To 9999. %



MAT 2925 Dpa total (eV-barns) 29-Cu-63
 Cross Section -92.72 To 9999. %

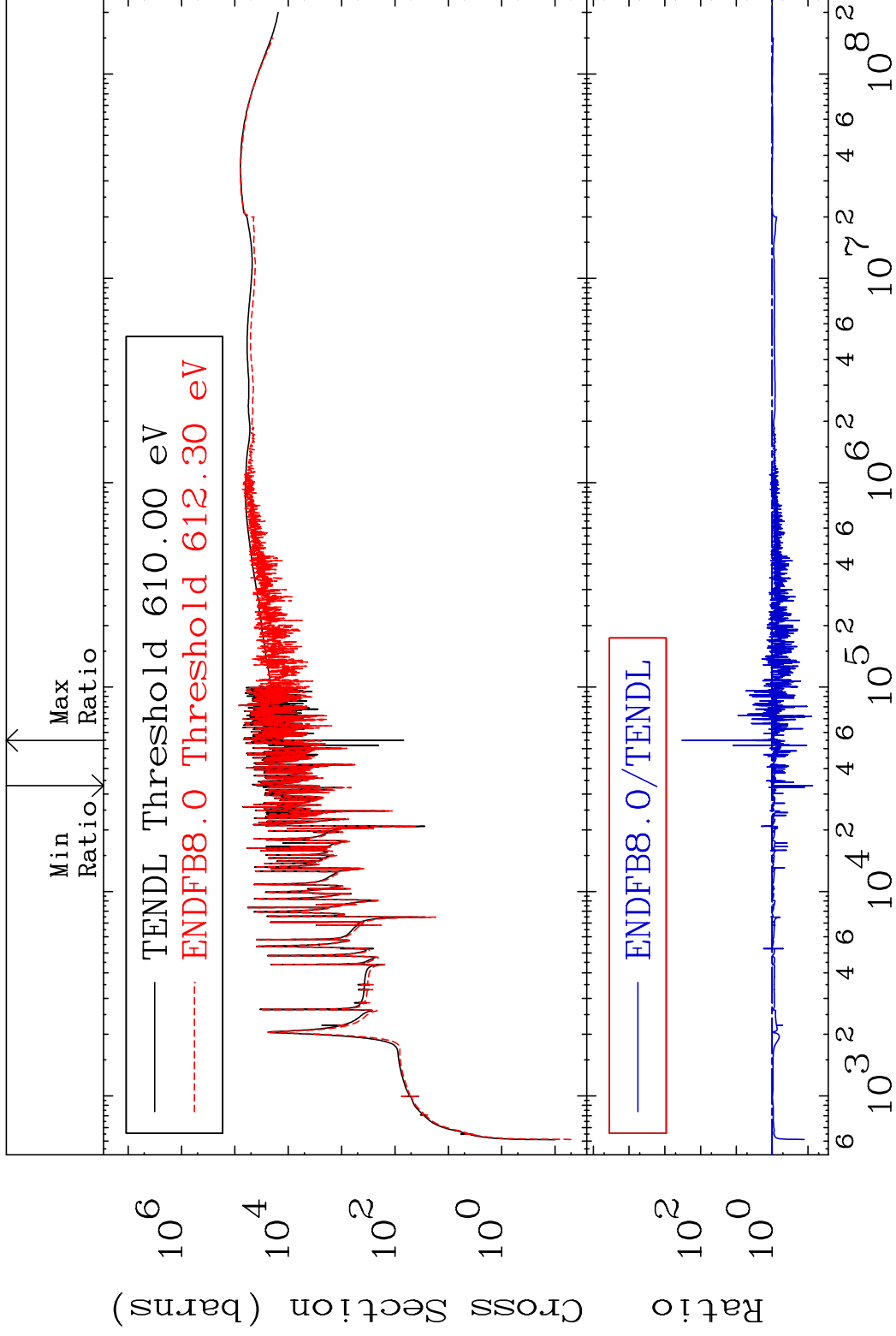


MAT 2925

Dpa elastic (mt2)

29-Cu-63

Cross Section -92.57 To 9999. %

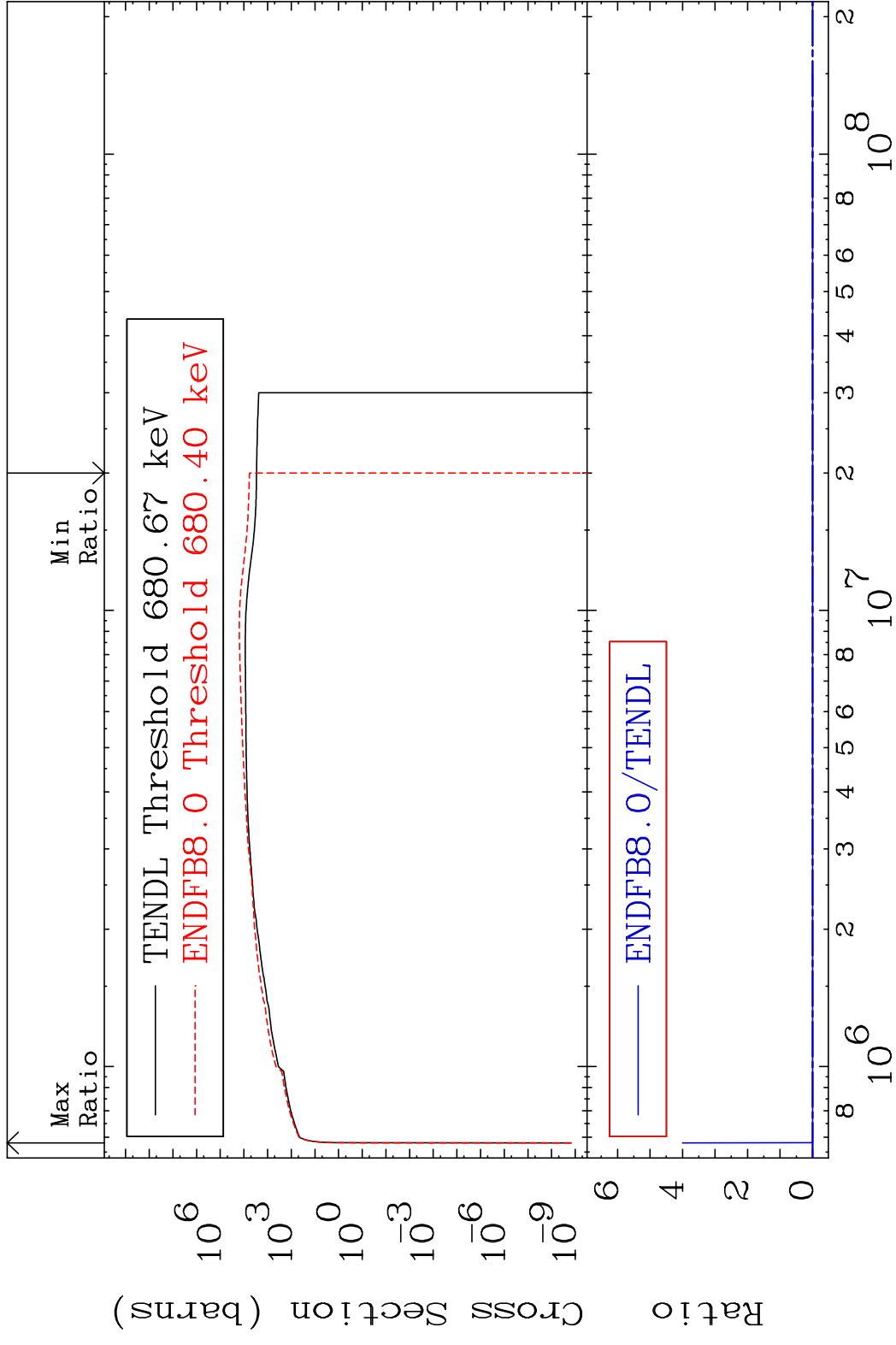


58

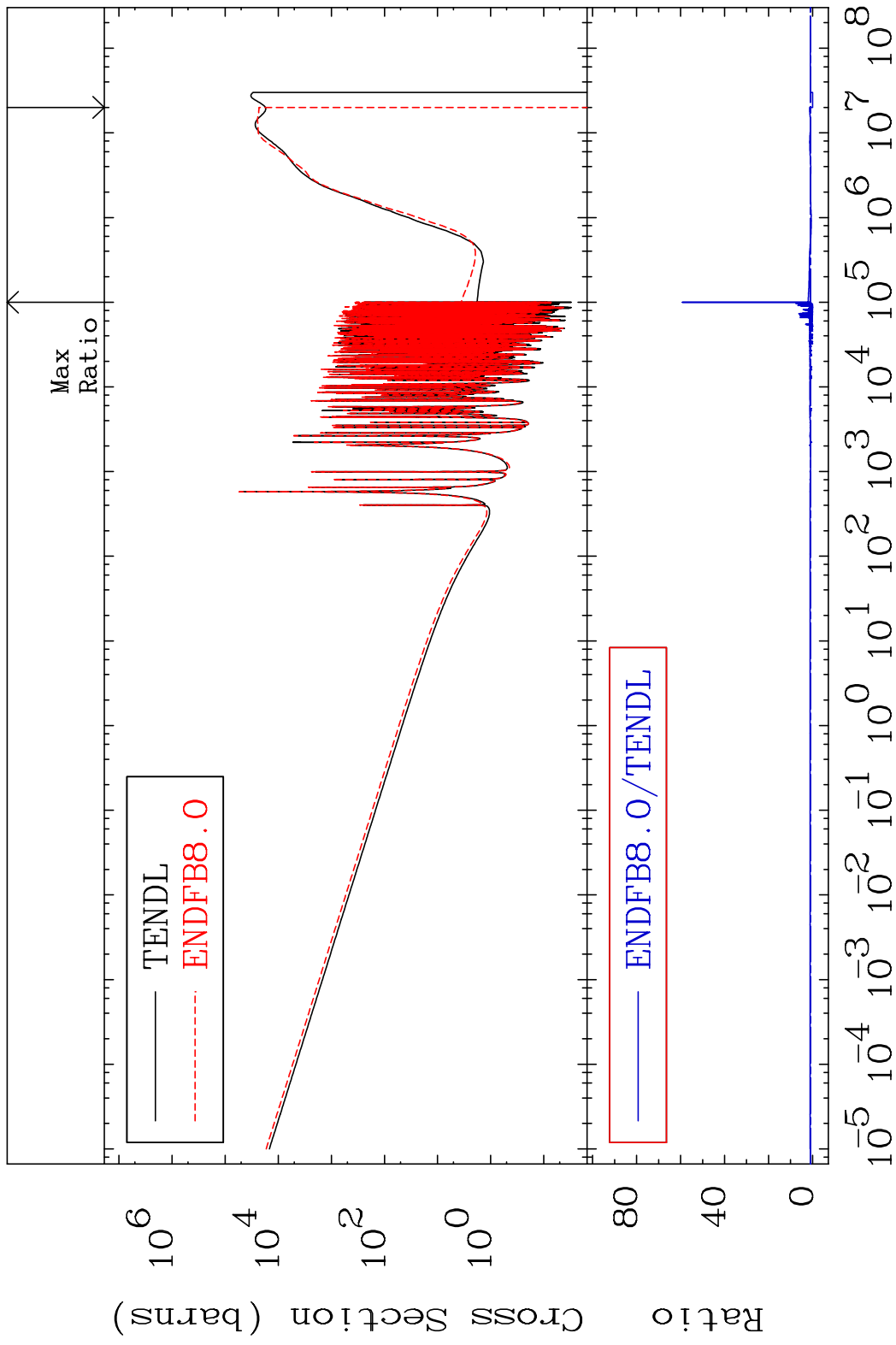
Incident Energy (eV)

29-Cu-63

MAT 2925 Dpa inelastic (mt51-91) 29-Cu-63
 Cross Section -100.0 To 9999. %



MAT 2925 Dpa disappearance (mt102 -120) 29-Cu-63
Cross Section -100.0 To 5820. %



60 Incident Energy (eV) 29-Cu-63