

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

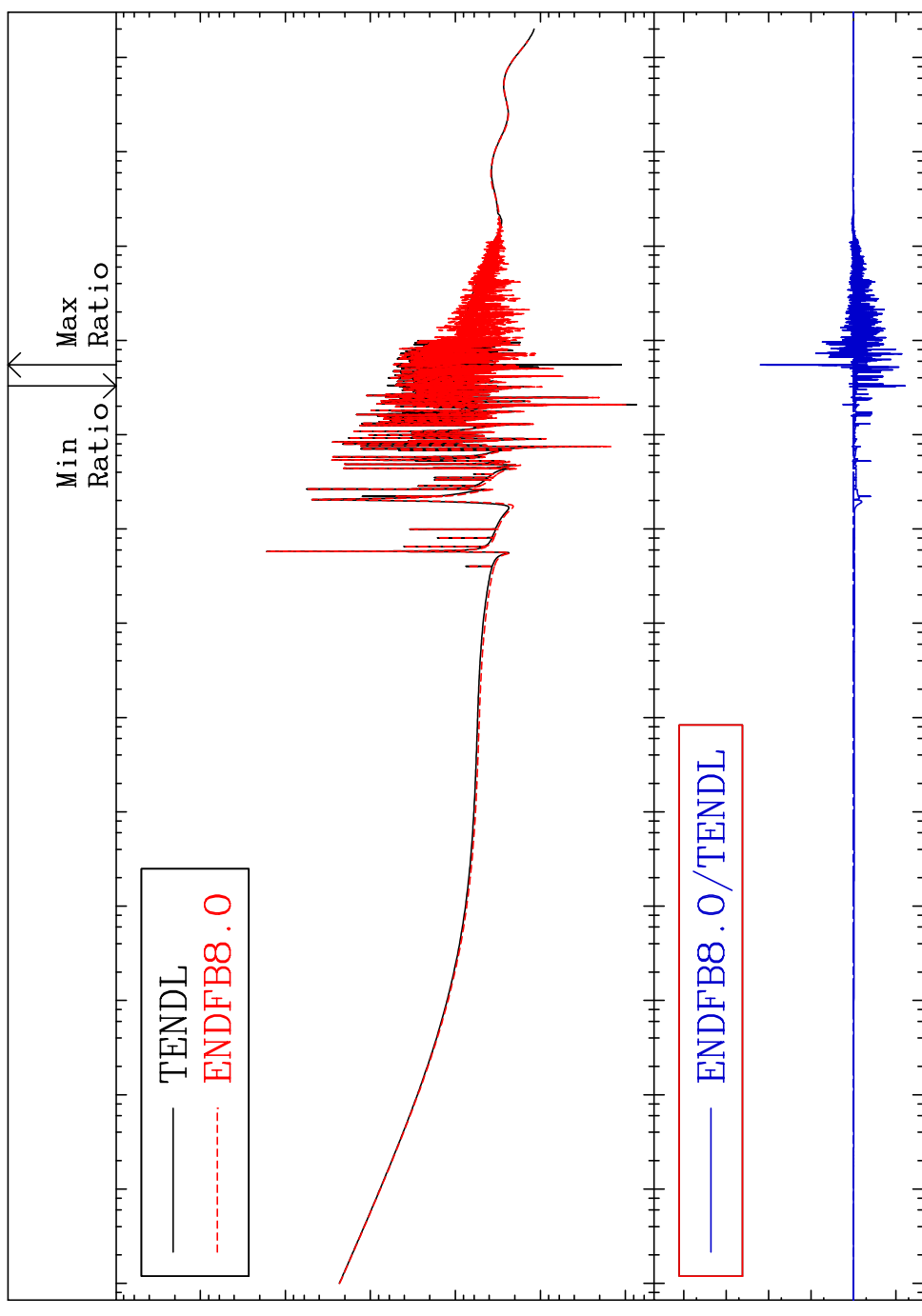
MAT 2925

Total

29-Cu-63

Cross Section

-93.99 To 9999. %



10⁴
10³
10²
10¹
10⁰
10⁻¹

Ratio
10²
10⁰

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

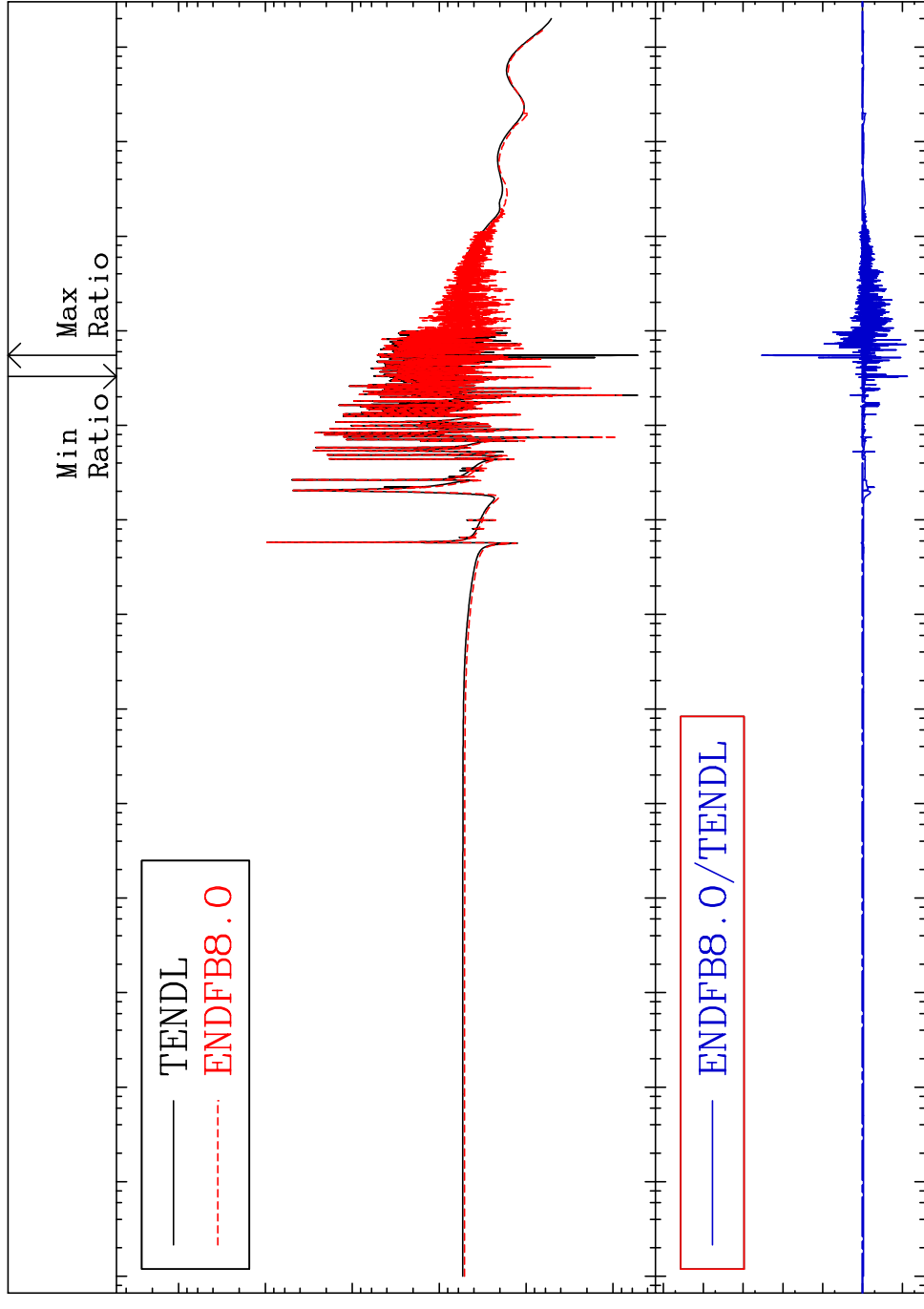
29-Cu-63

MAT 2925

Elastic

29-Cu-63

Cross Section -92.43 To 9999. %



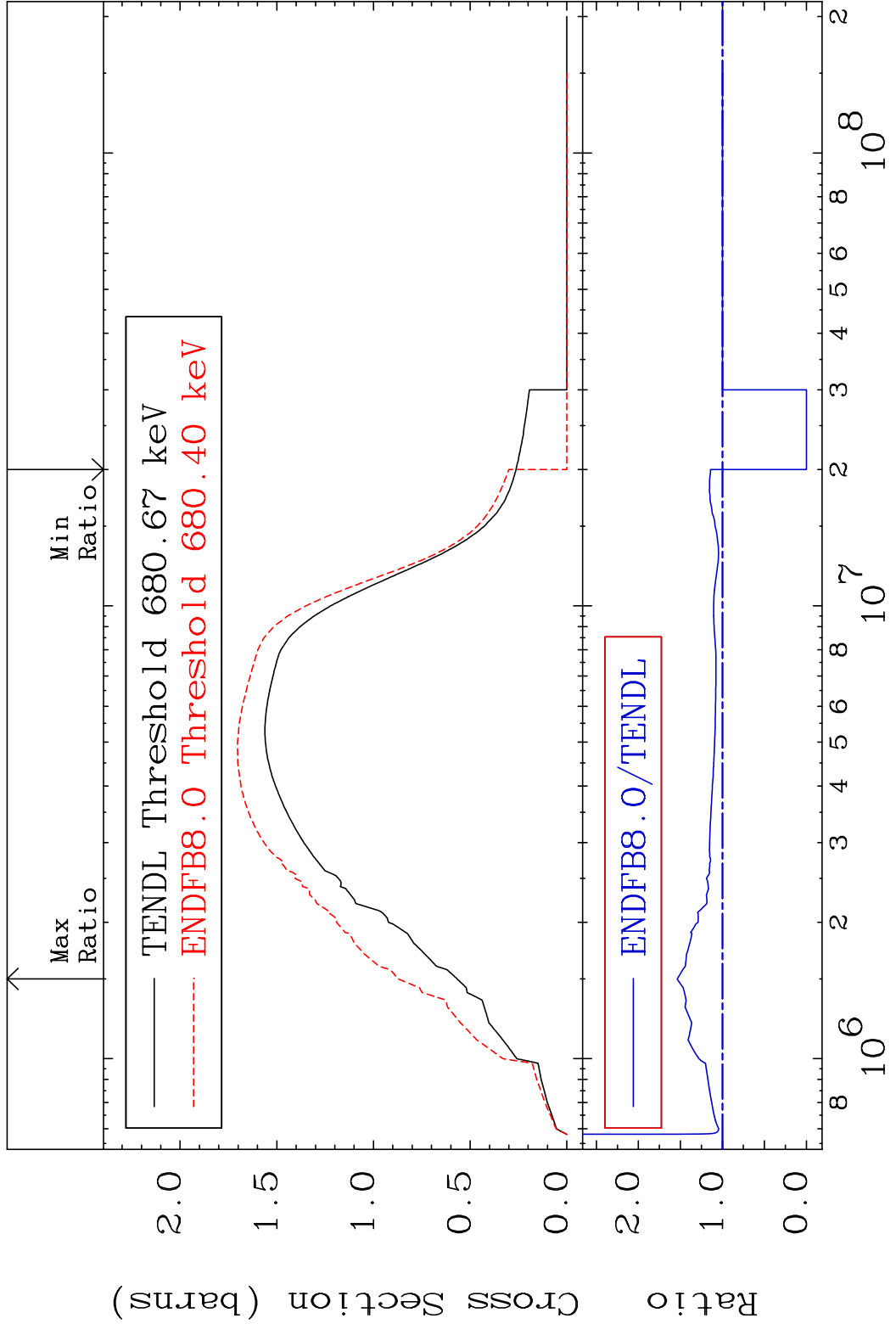
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

29-Cu-63

MAT 2925 Inelastic Cross Section -100.0 To 53.80 % 29-Cu-63



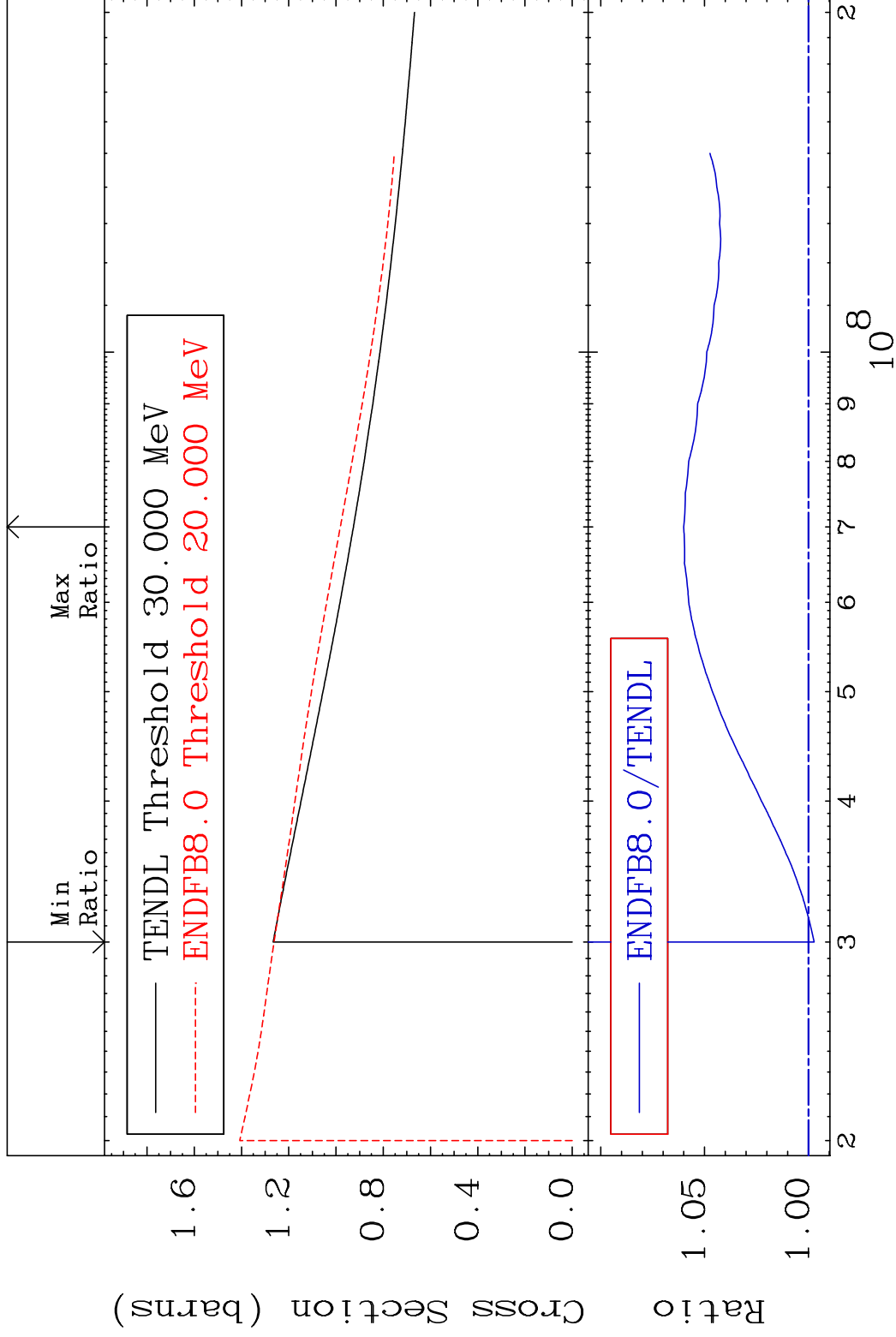
3 29-Cu-63

MAT 2925

(n, remainder)

29-Cu-63

Cross Section -0.276 To 6.007 %

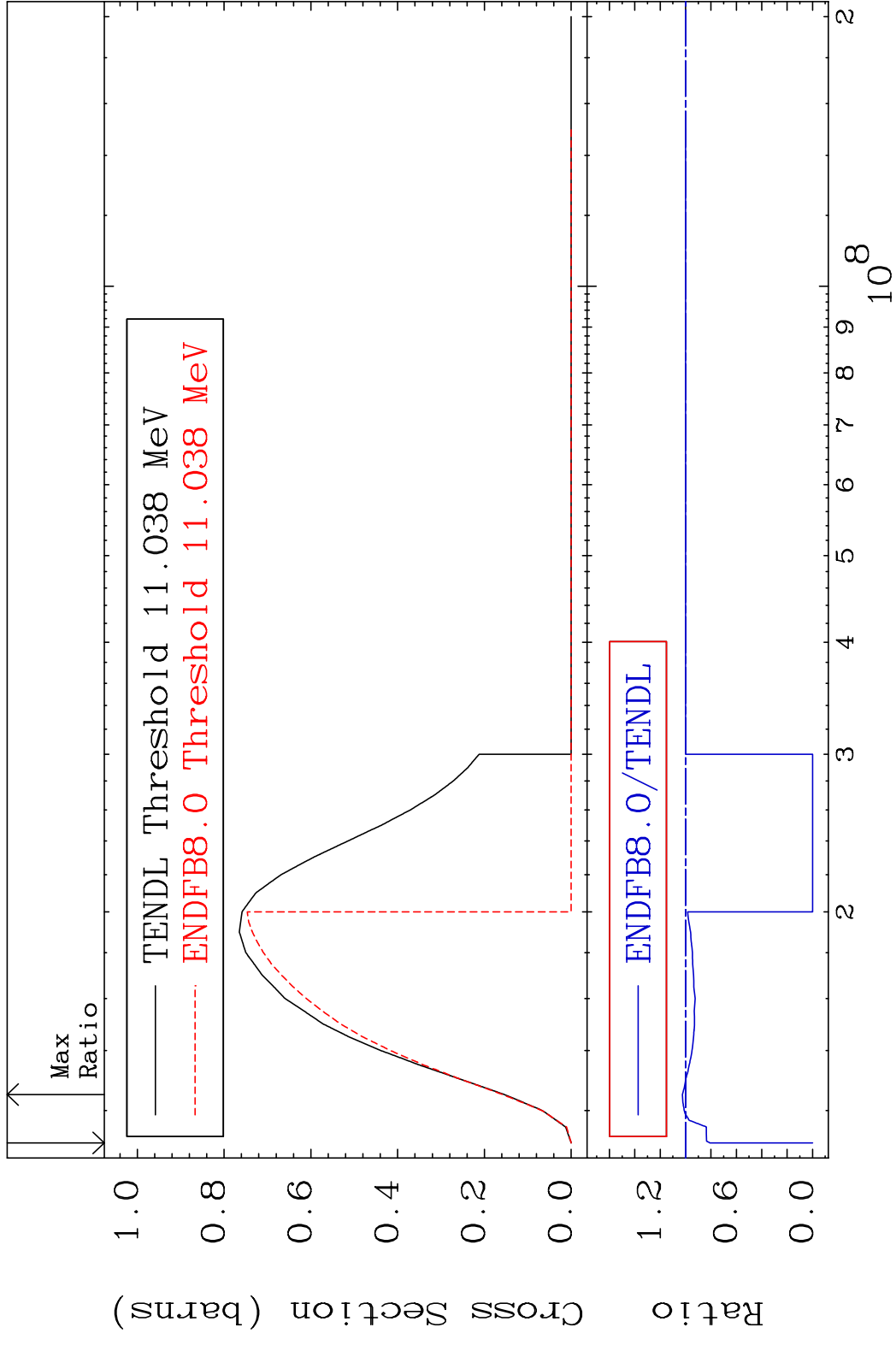


4

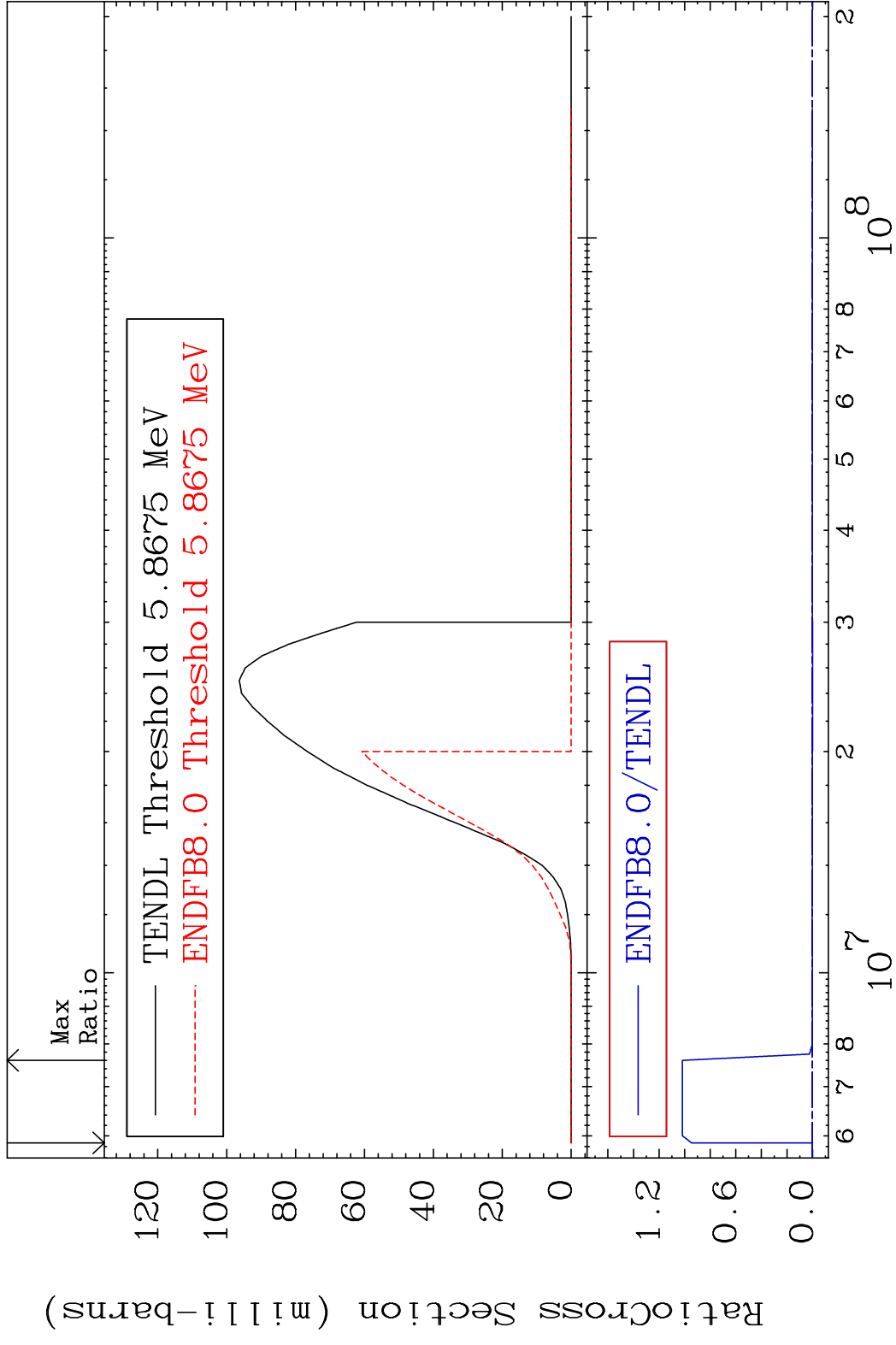
Incident Energy (eV)

29-Cu-63

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

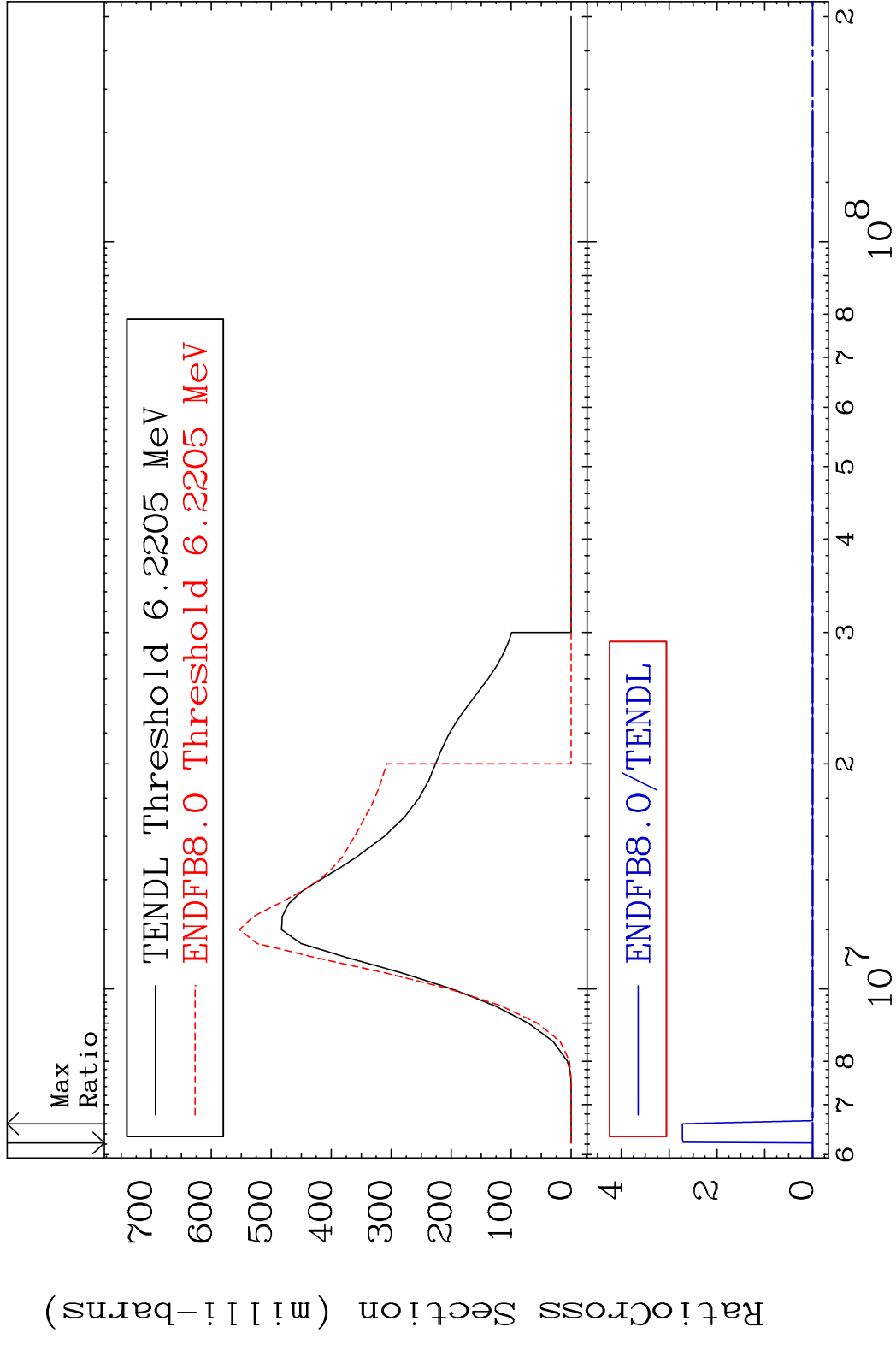


MAT 2925 (n, n') α 29-Cu-63
 Cross Section -100.0 To 9999. %



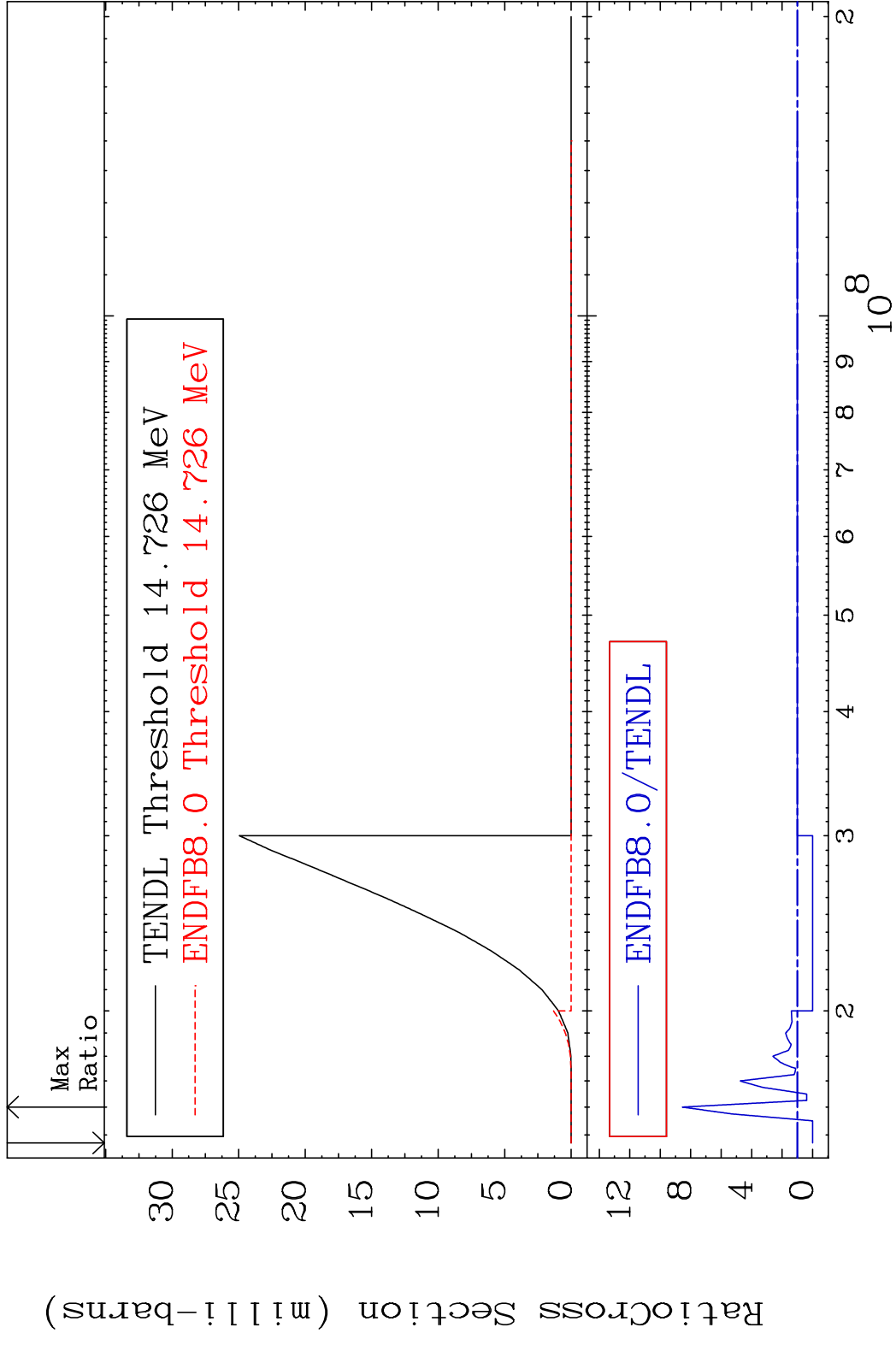
6 6 Incident Energy (eV) 29-Cu-63

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

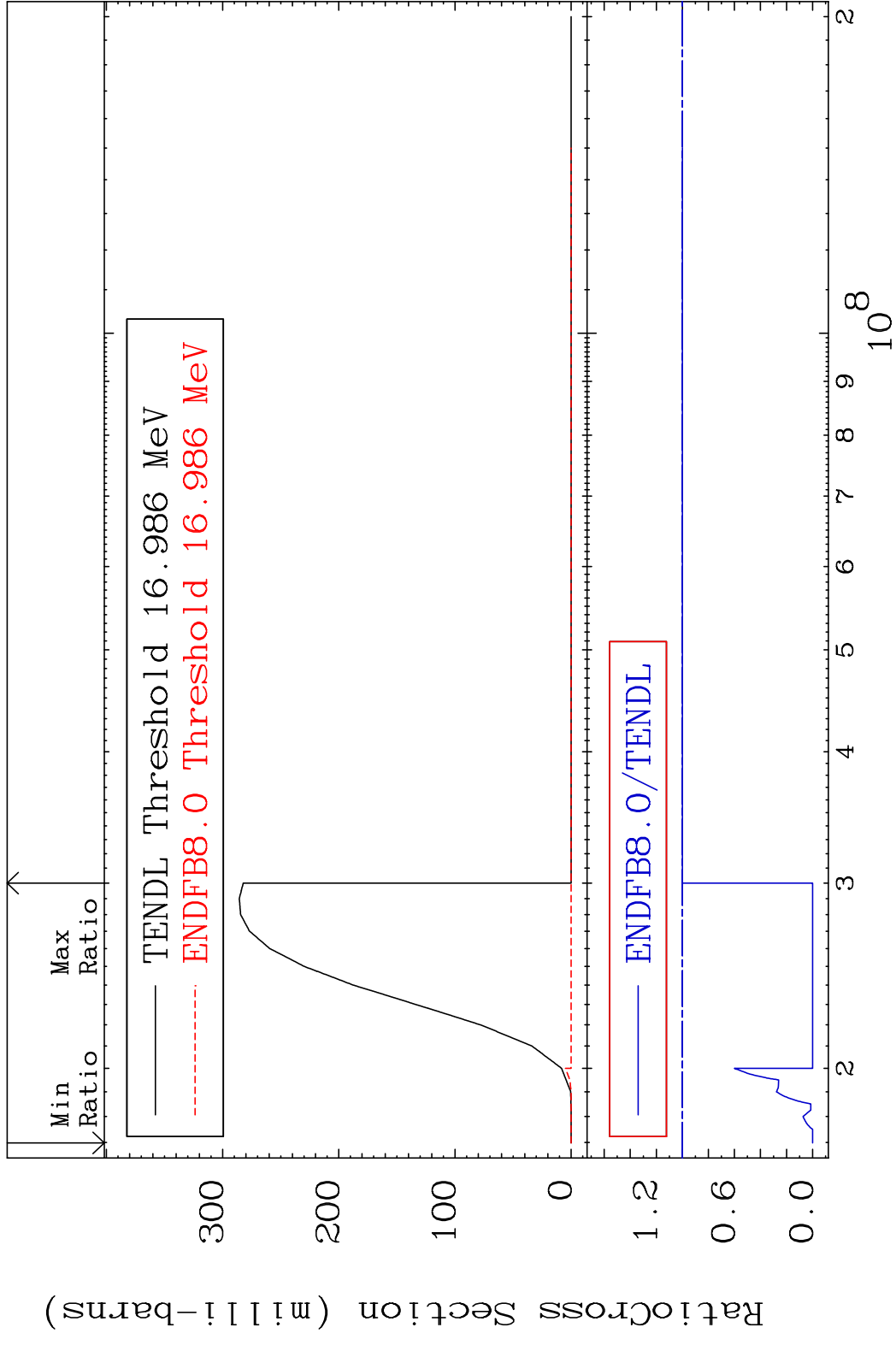


7 Incident Energy (eV) 29-Cu-63

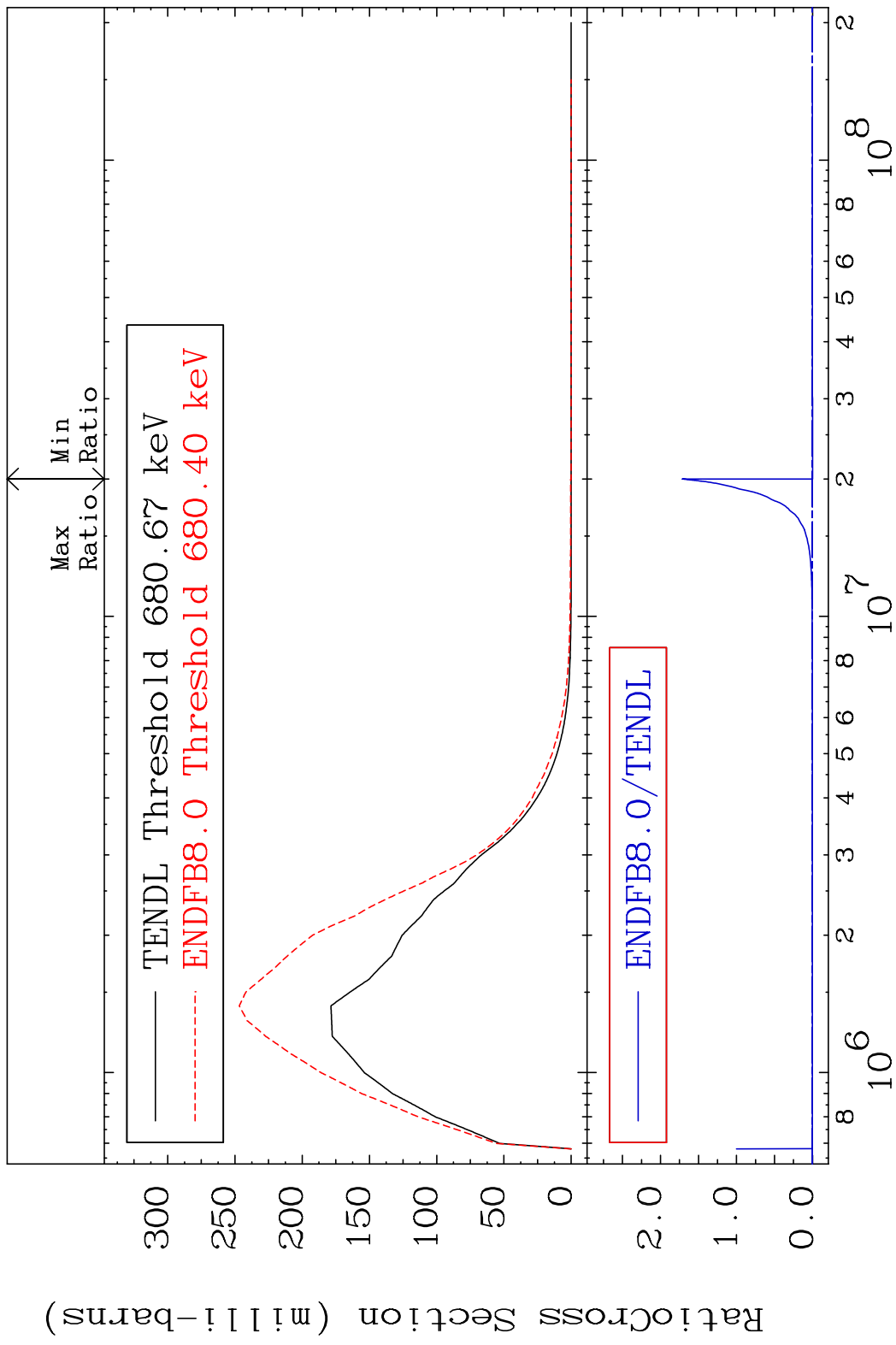
MAT 2925 (n, n') d 29-Cu-63
 Cross Section -100.0 To 754.8 %



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

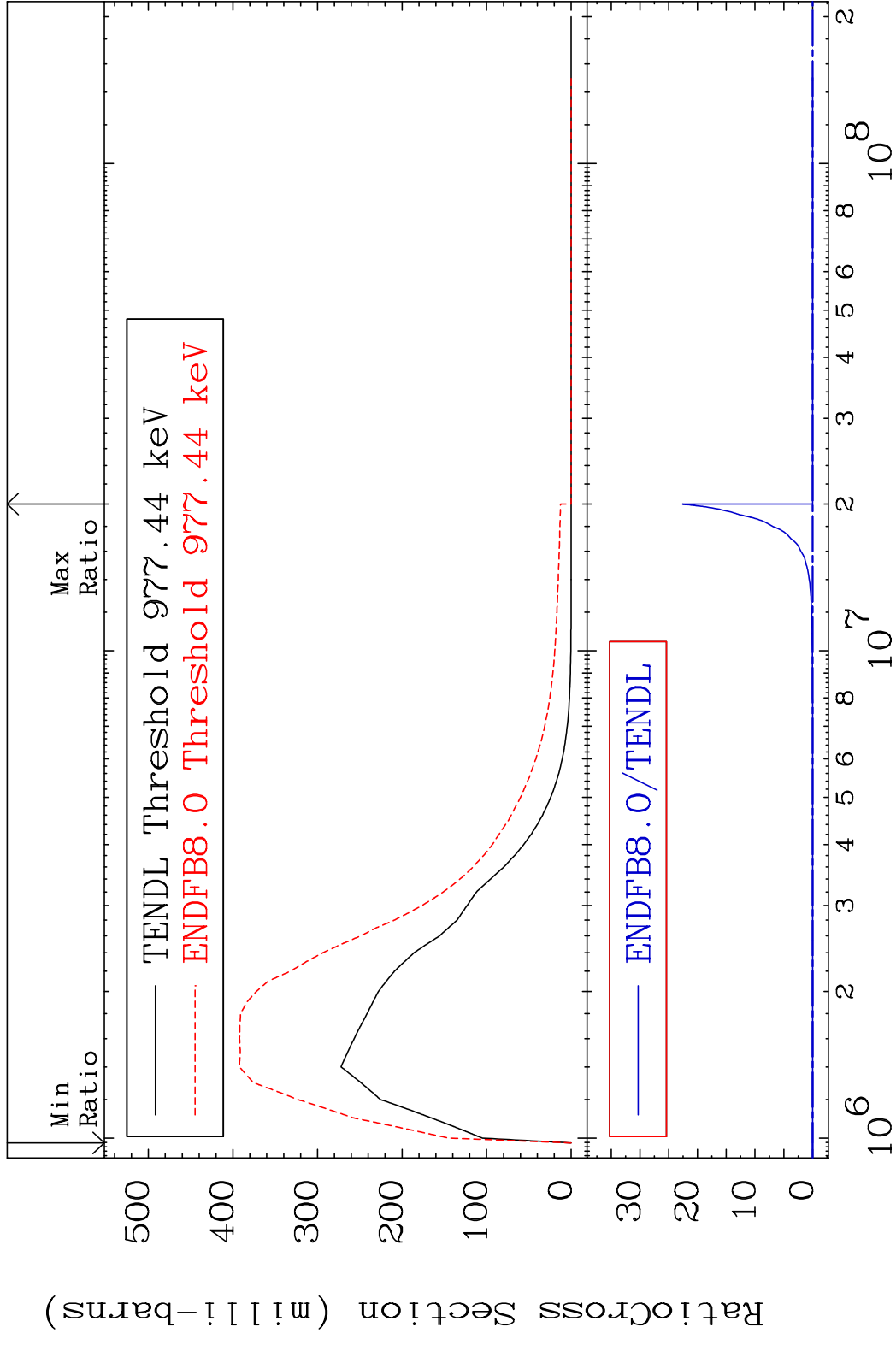


MAT 2925 MT= 51 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 9999. %



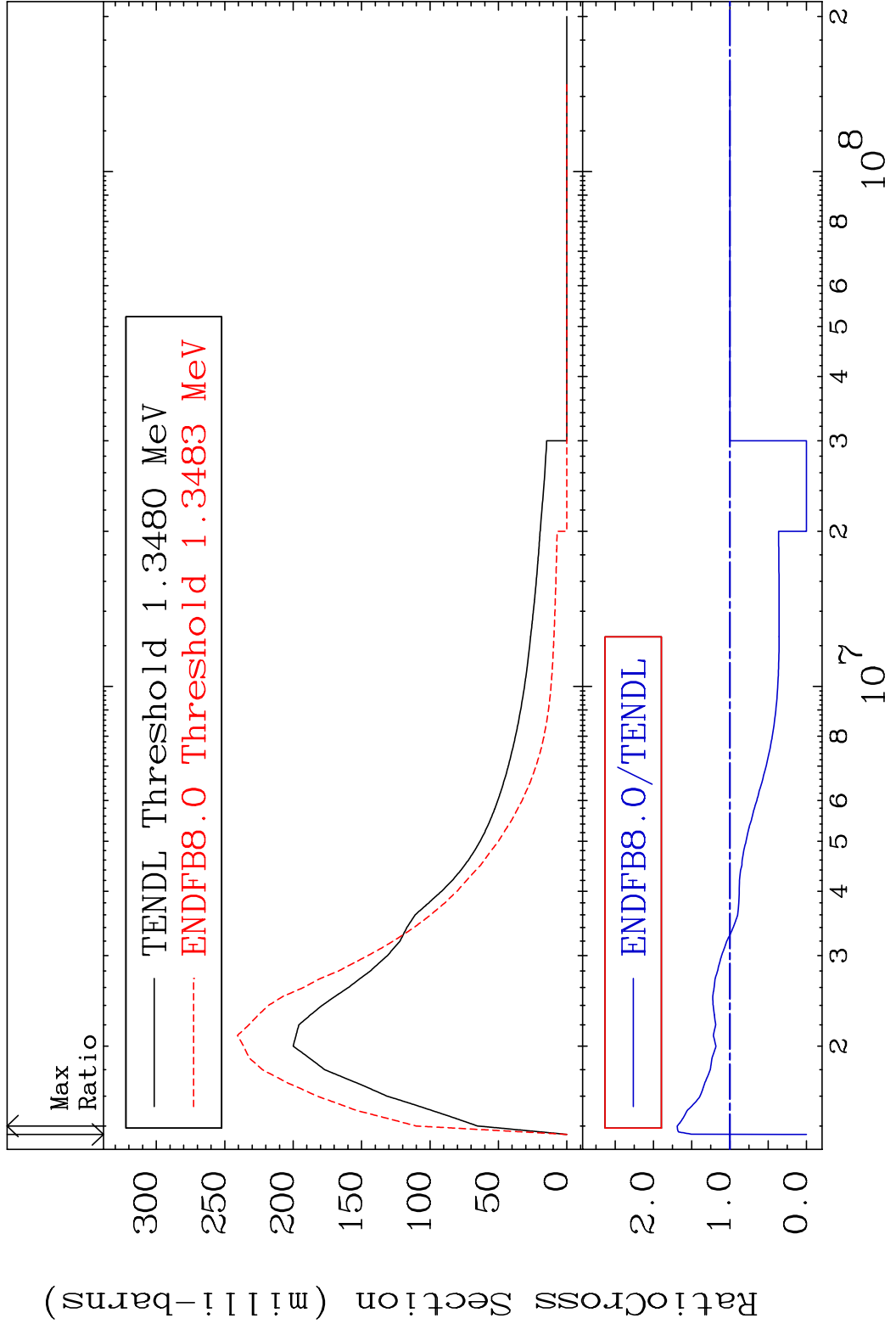
10 Incident Energy (eV) 29-Cu-63

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



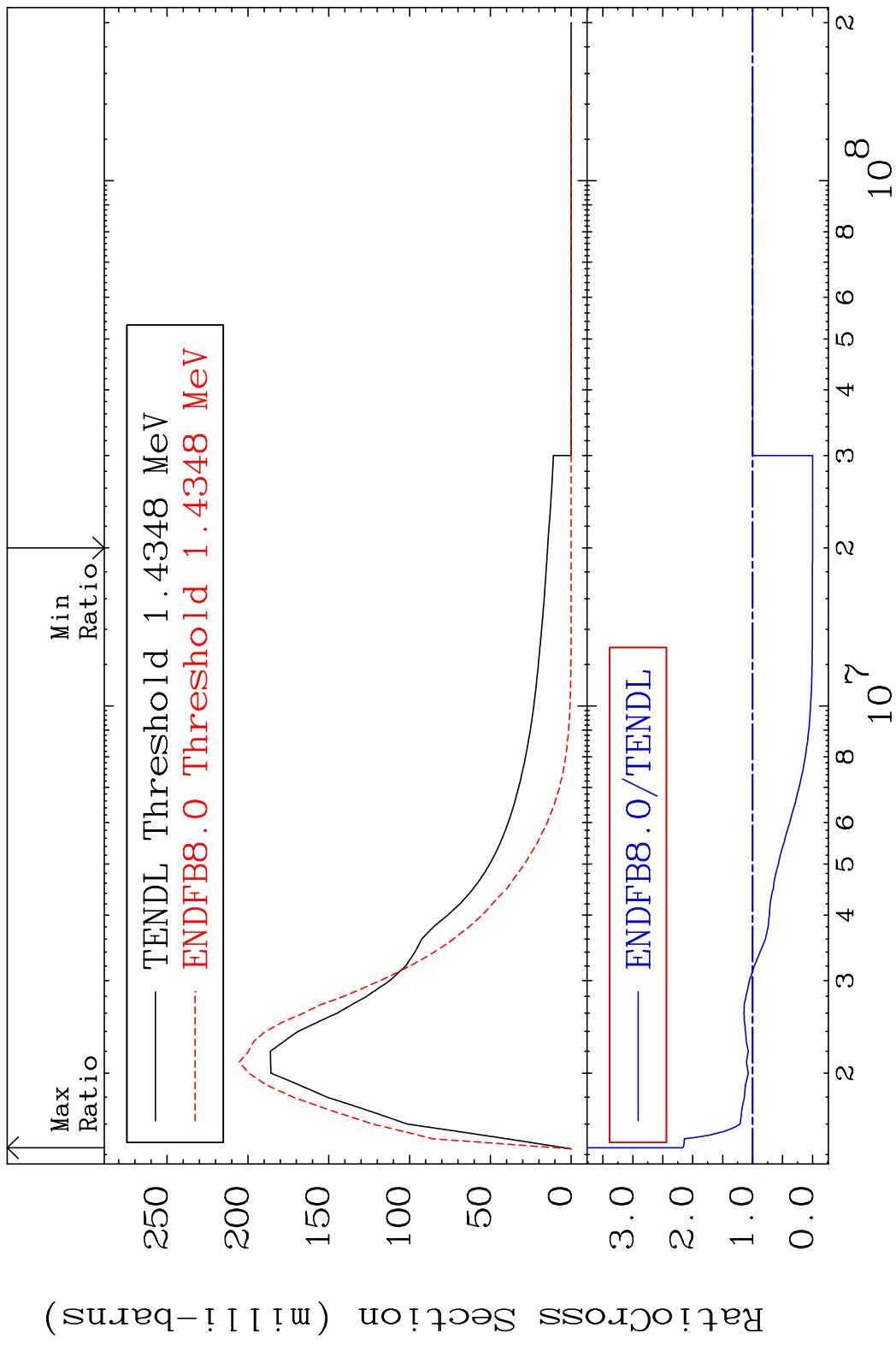
11 Incident Energy (eV) 29-Cu-63

MAT 2925 MT= 53 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 68.87 %

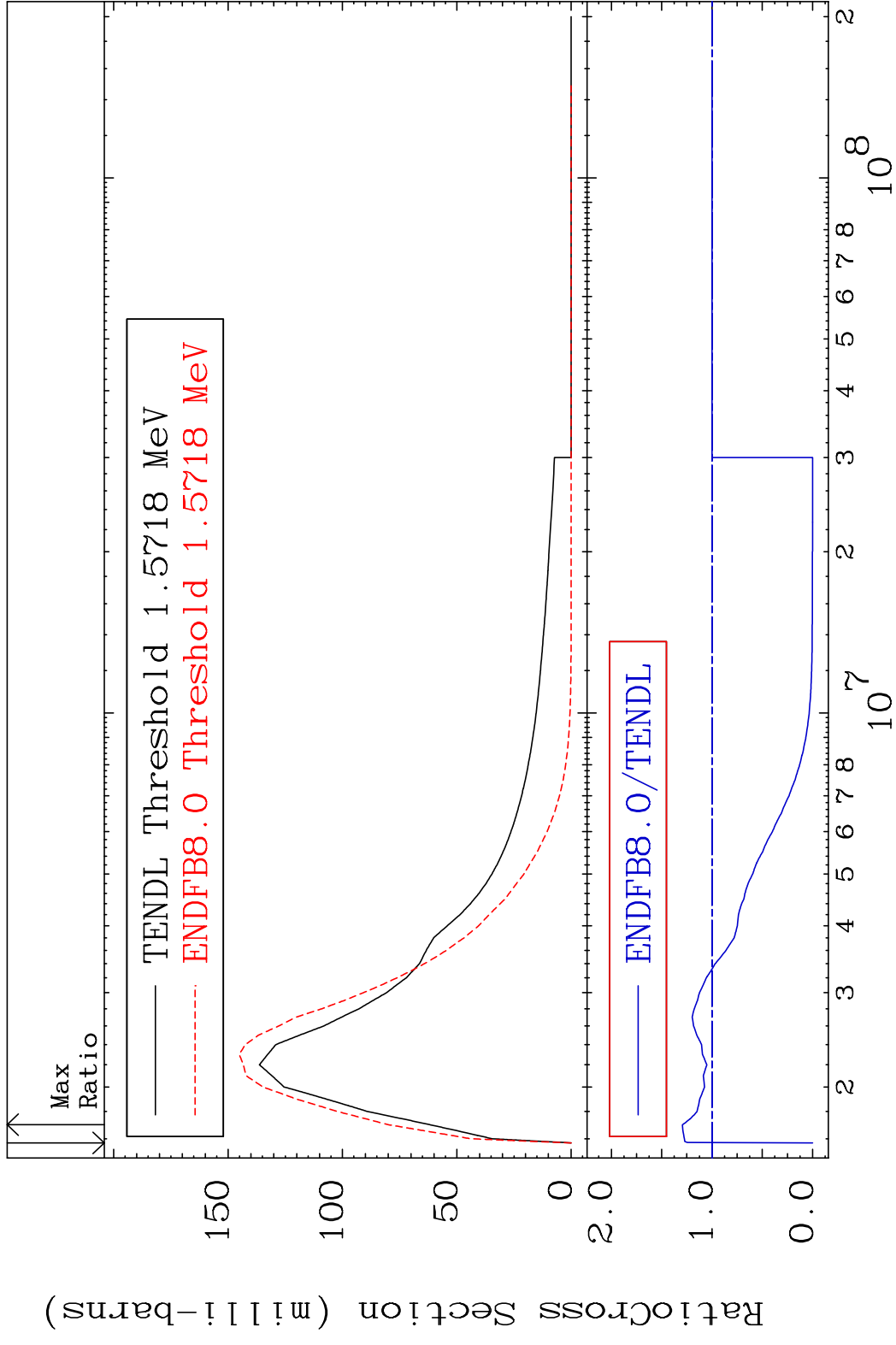


12 Incident Energy (eV) 29-Cu-63

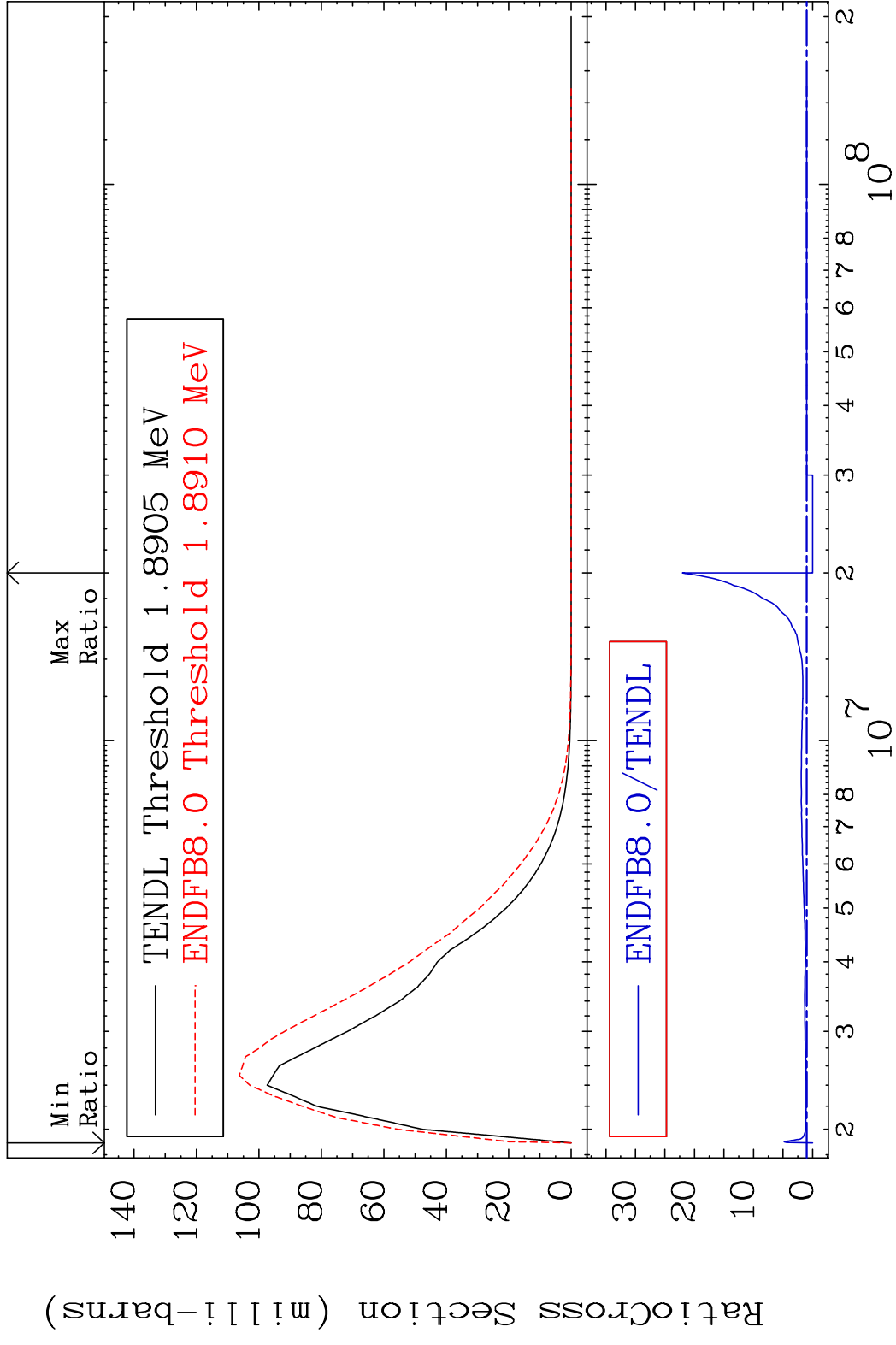
MAT 2925 MT= 54 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 117.3 %



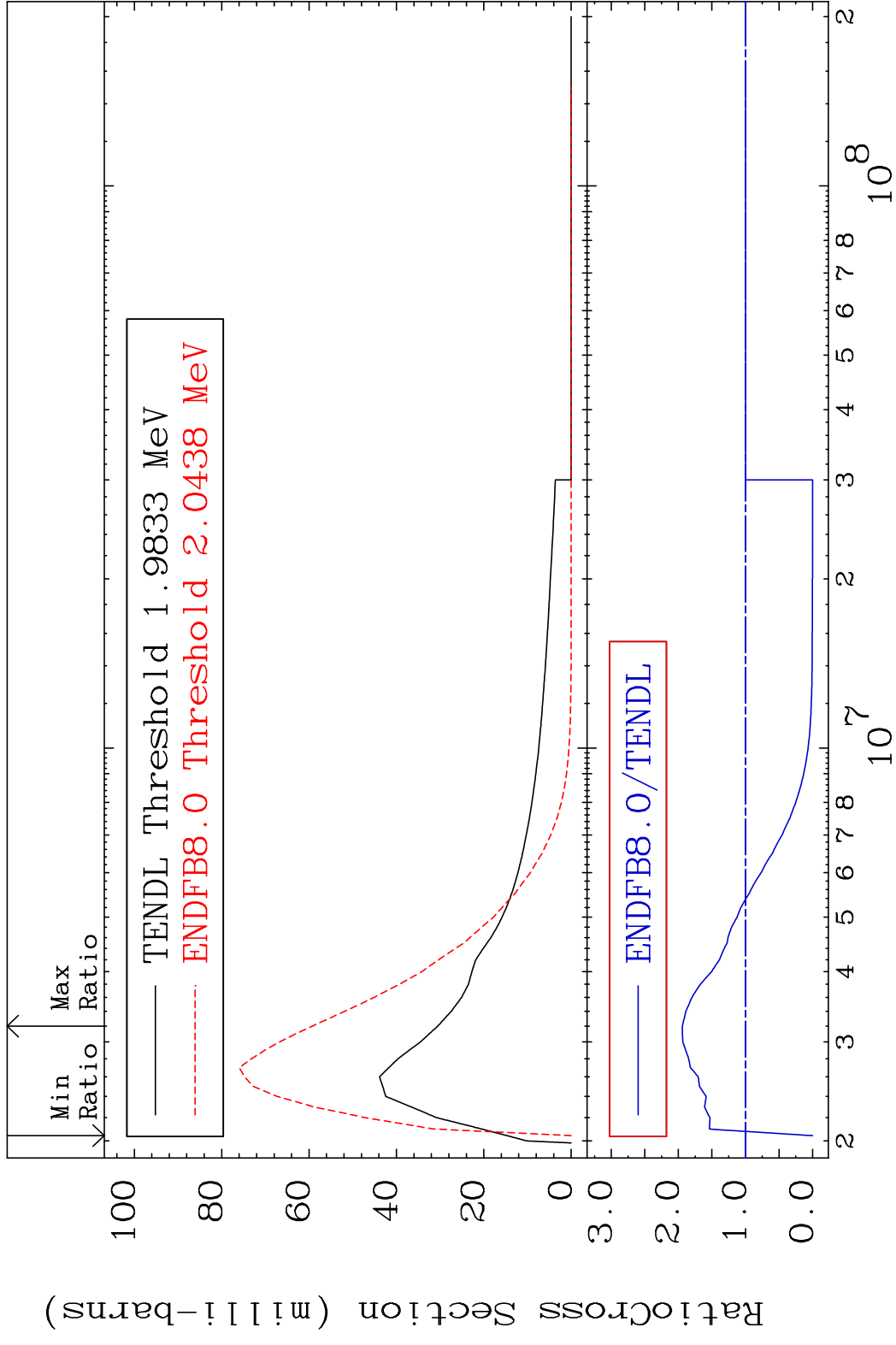
MAT 2925 MT= 55 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 29.44 %



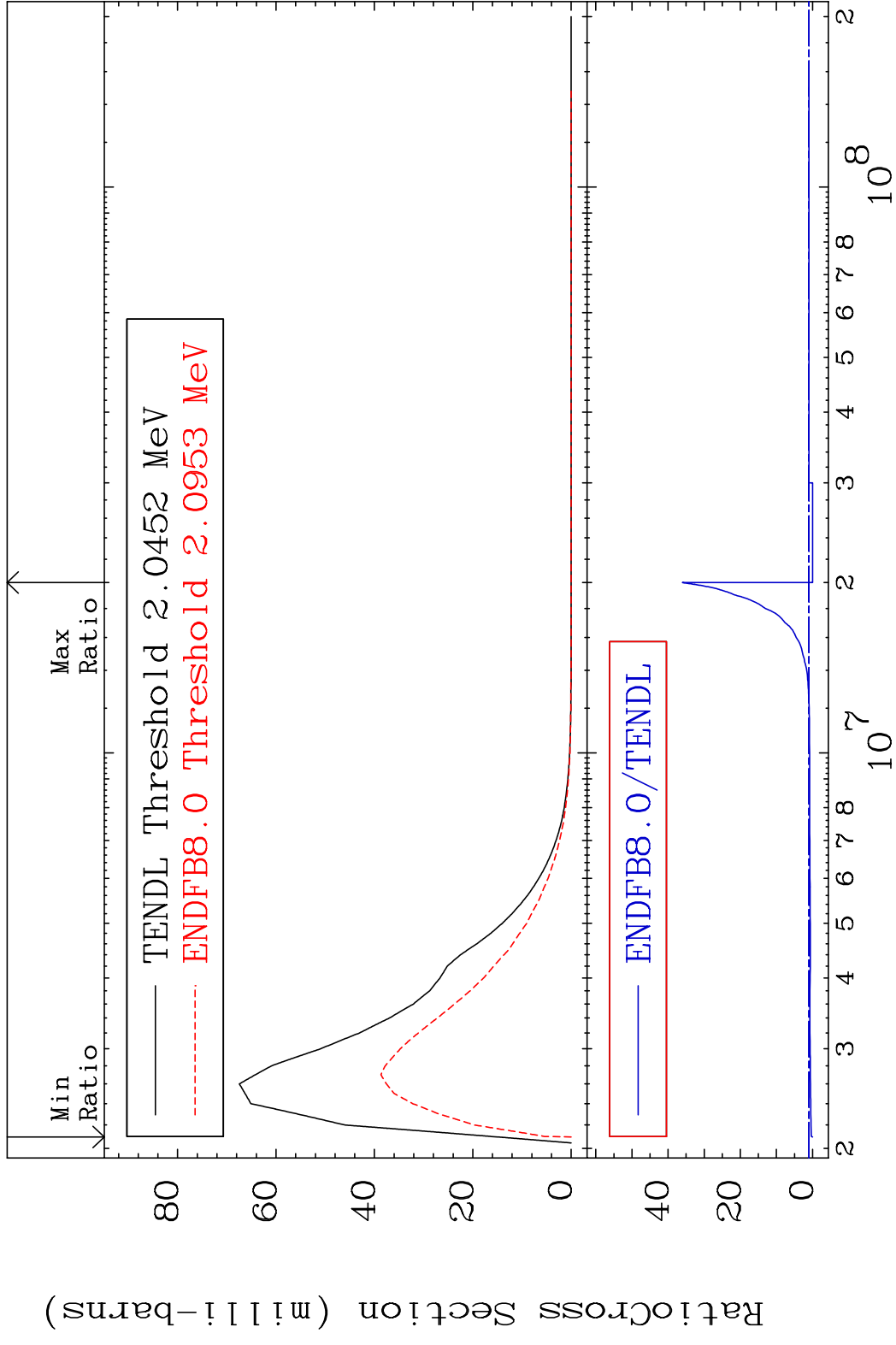
MAT 2925 MT= 56 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 2105. %



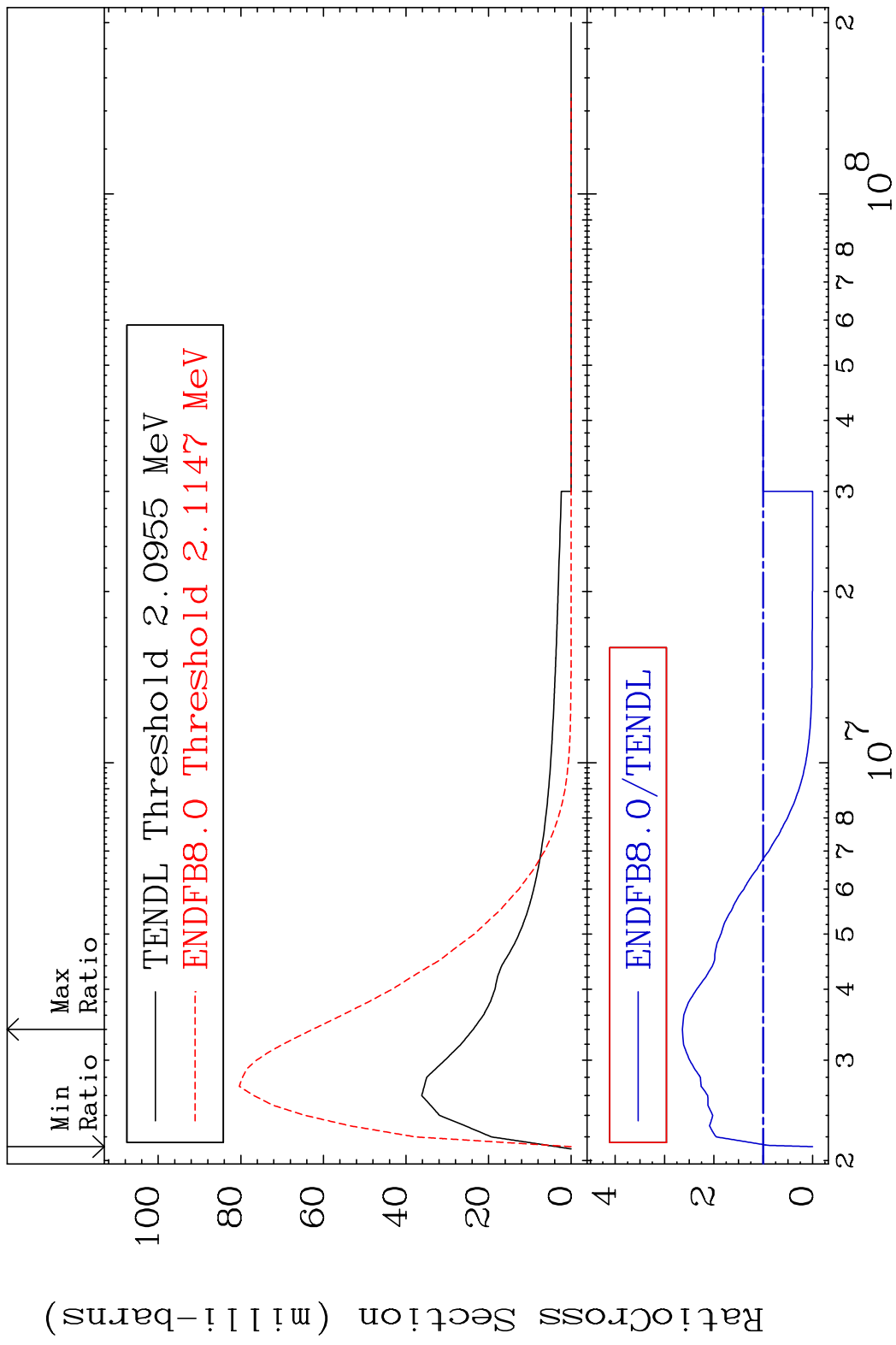
MAT 2925 MT= 57 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 94.04 %



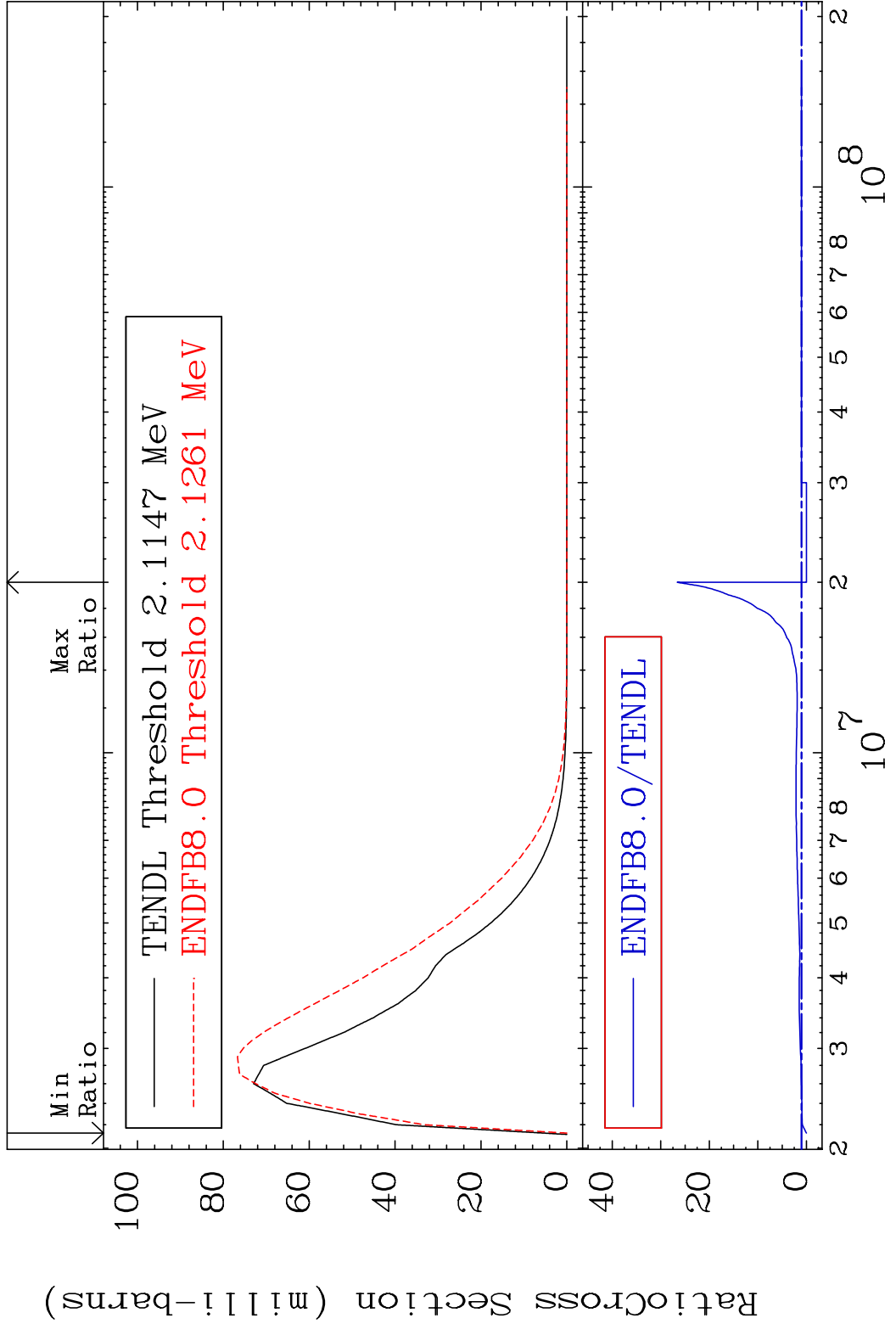
MAT 2925 MT= 58 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 3505. %



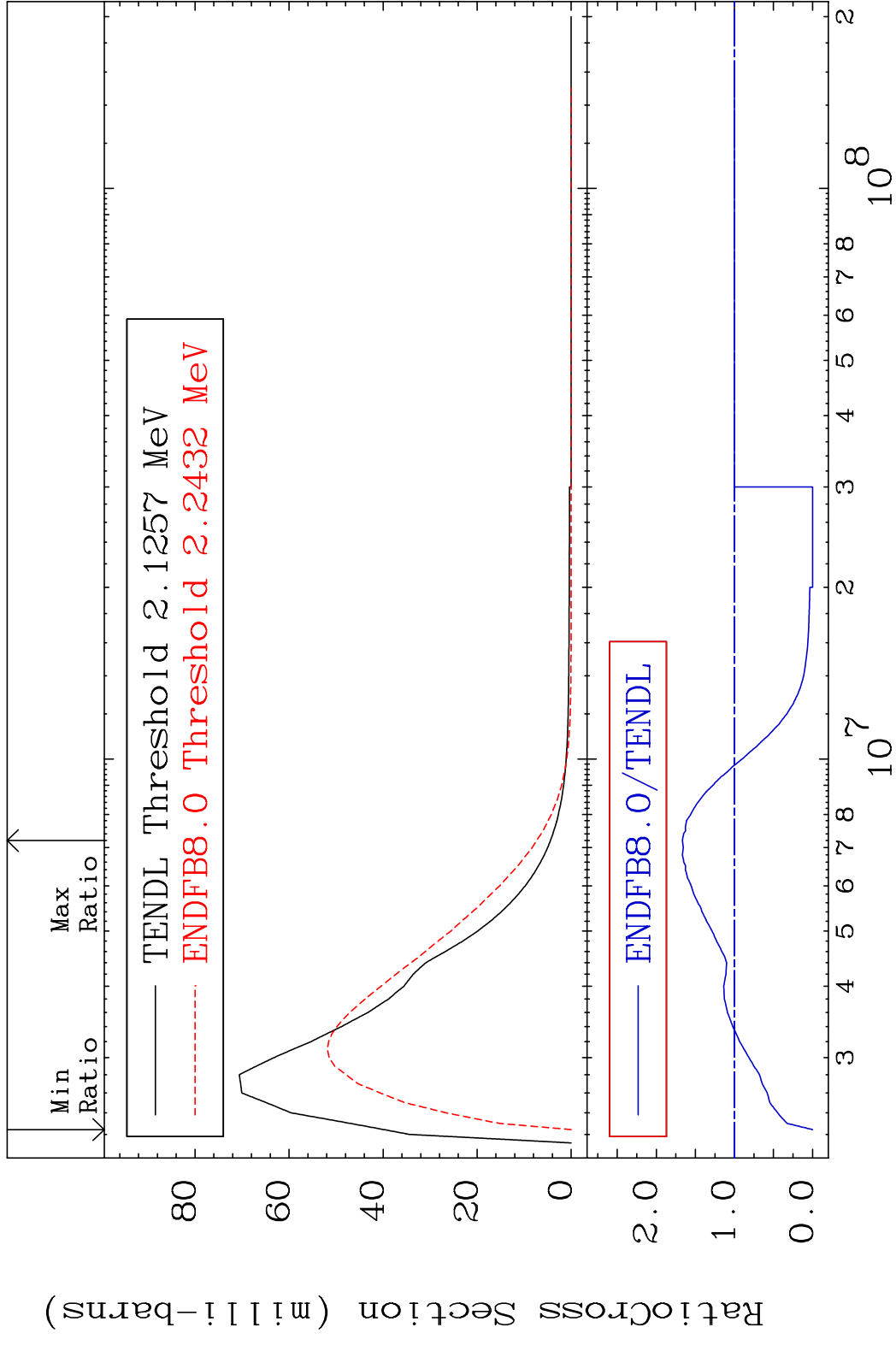
MAT 2925 MT= 59 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 163.9 %



MAT 2925 MT= 60 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 2562. %

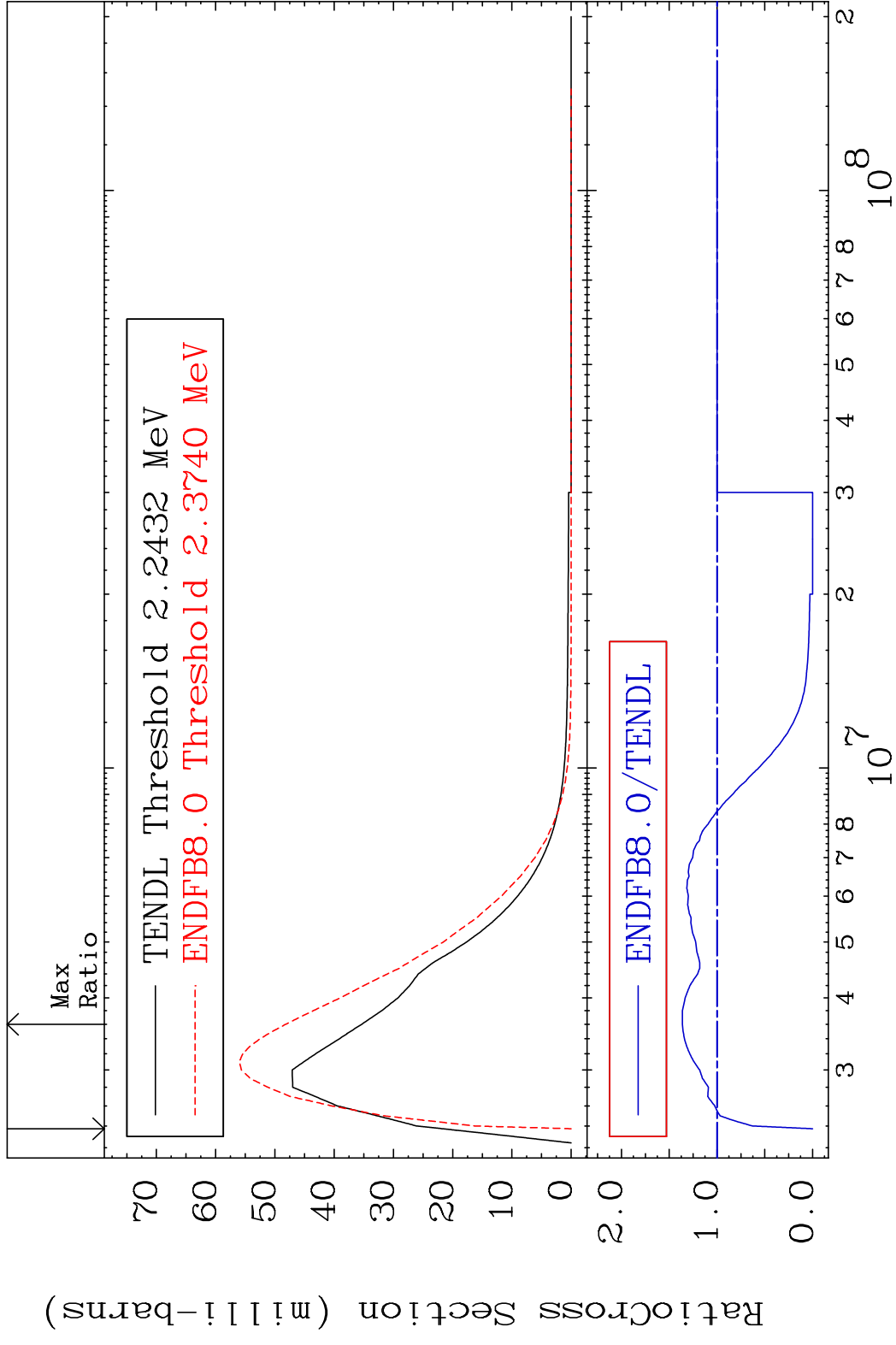


MAT 2925 MT= 61 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 66.65 %

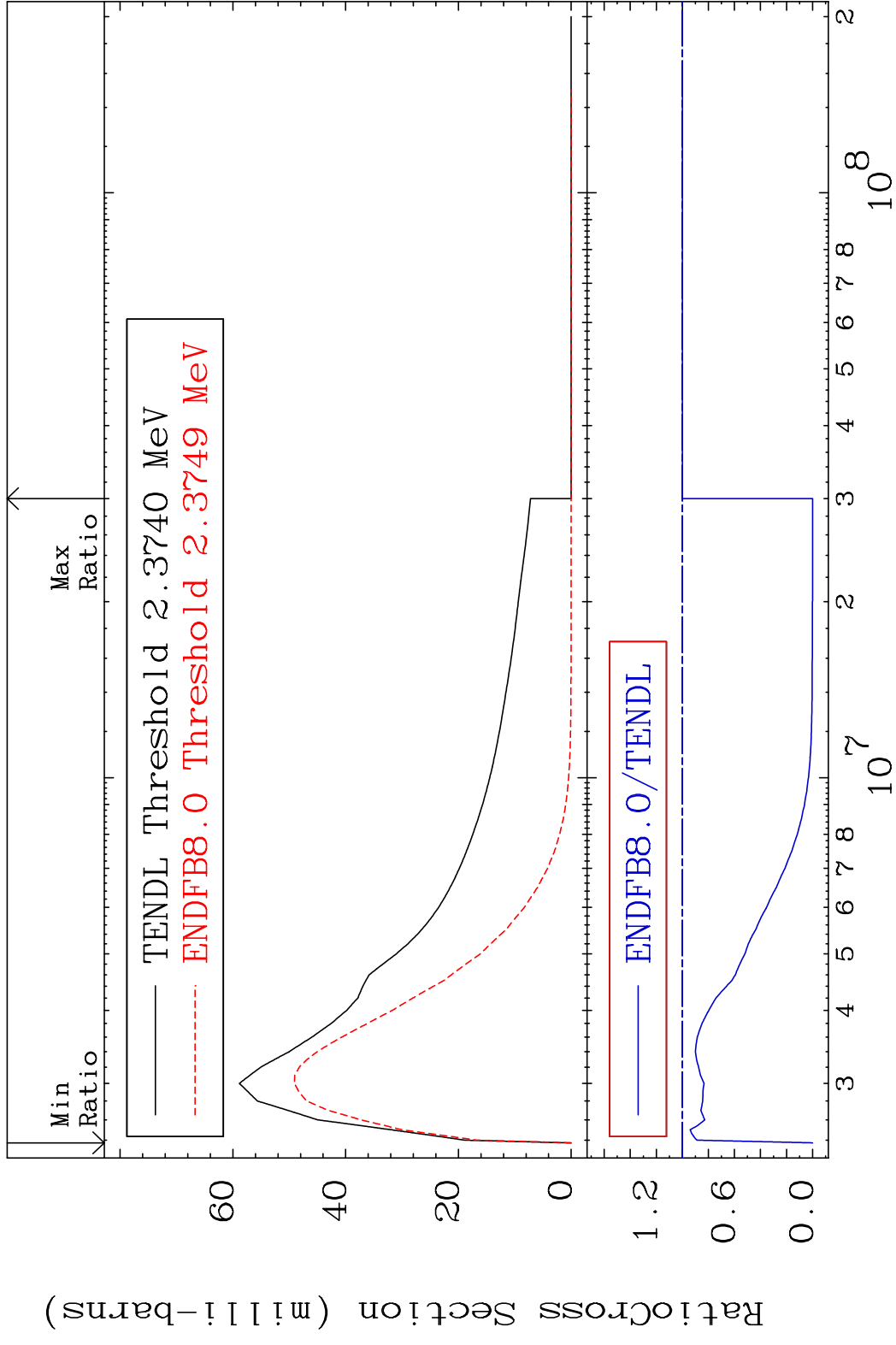


20 29-Cu-63

MAT 2925 MT= 62 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 36.26 %

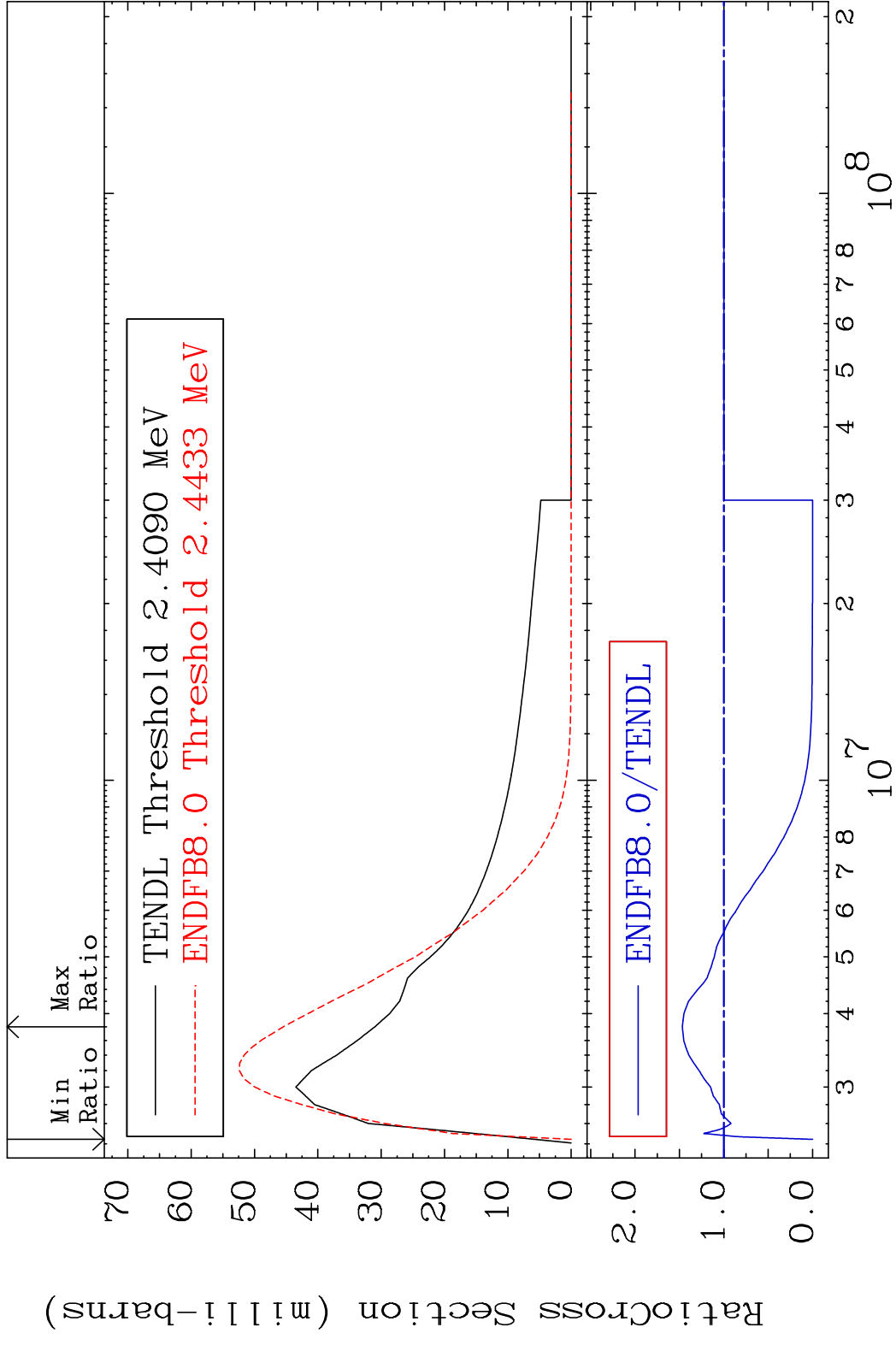


MAT 2925 MT= 63 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 0.000 %

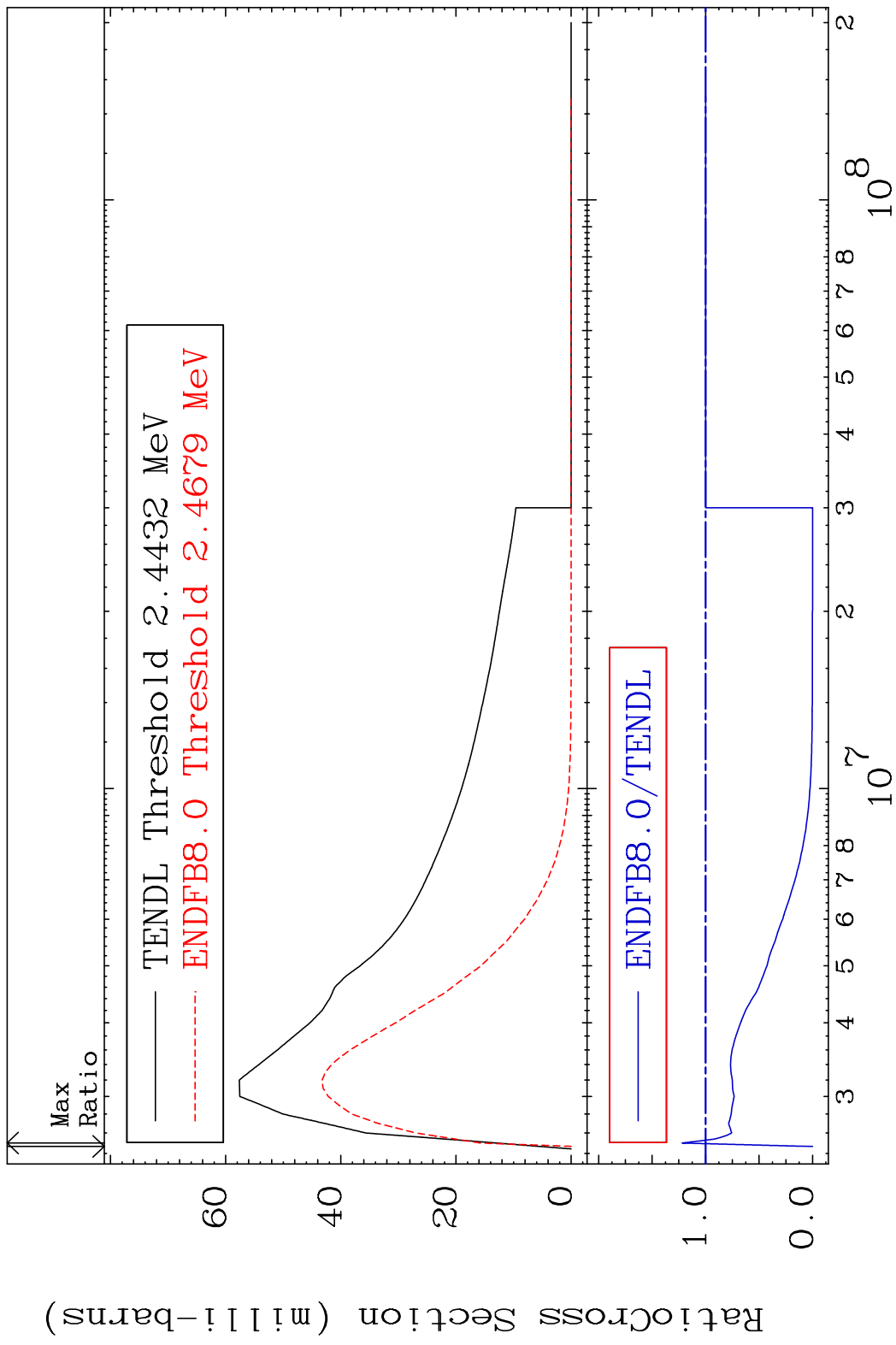


22 Incident Energy (eV) 29-Cu-63

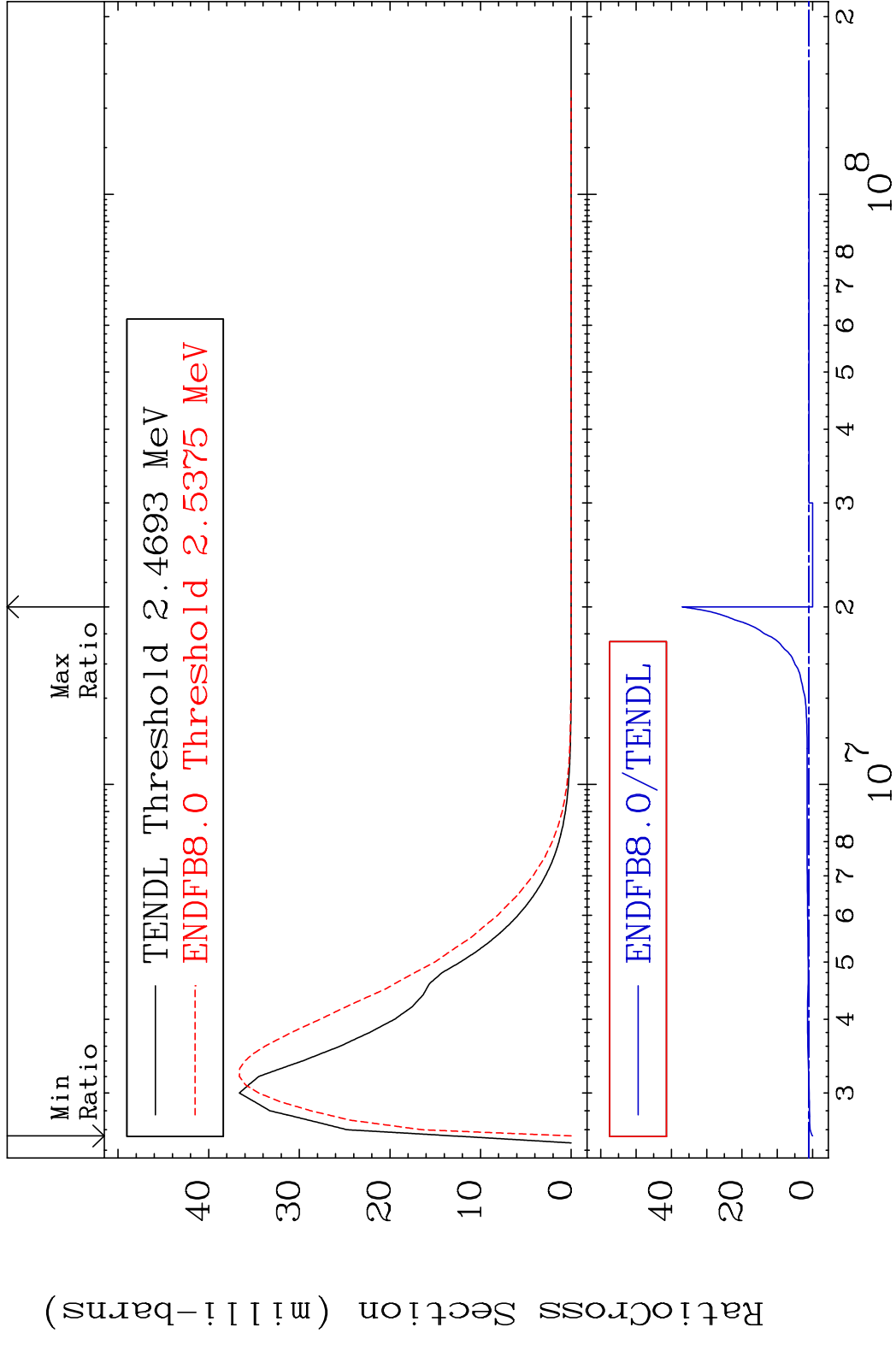
MAT 2925 MT= 64 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 46.68 %



MAT 2925 MT= 65 (n,n') Level 29-Cu-63
 Cross Section -100.0 To 21.72 %

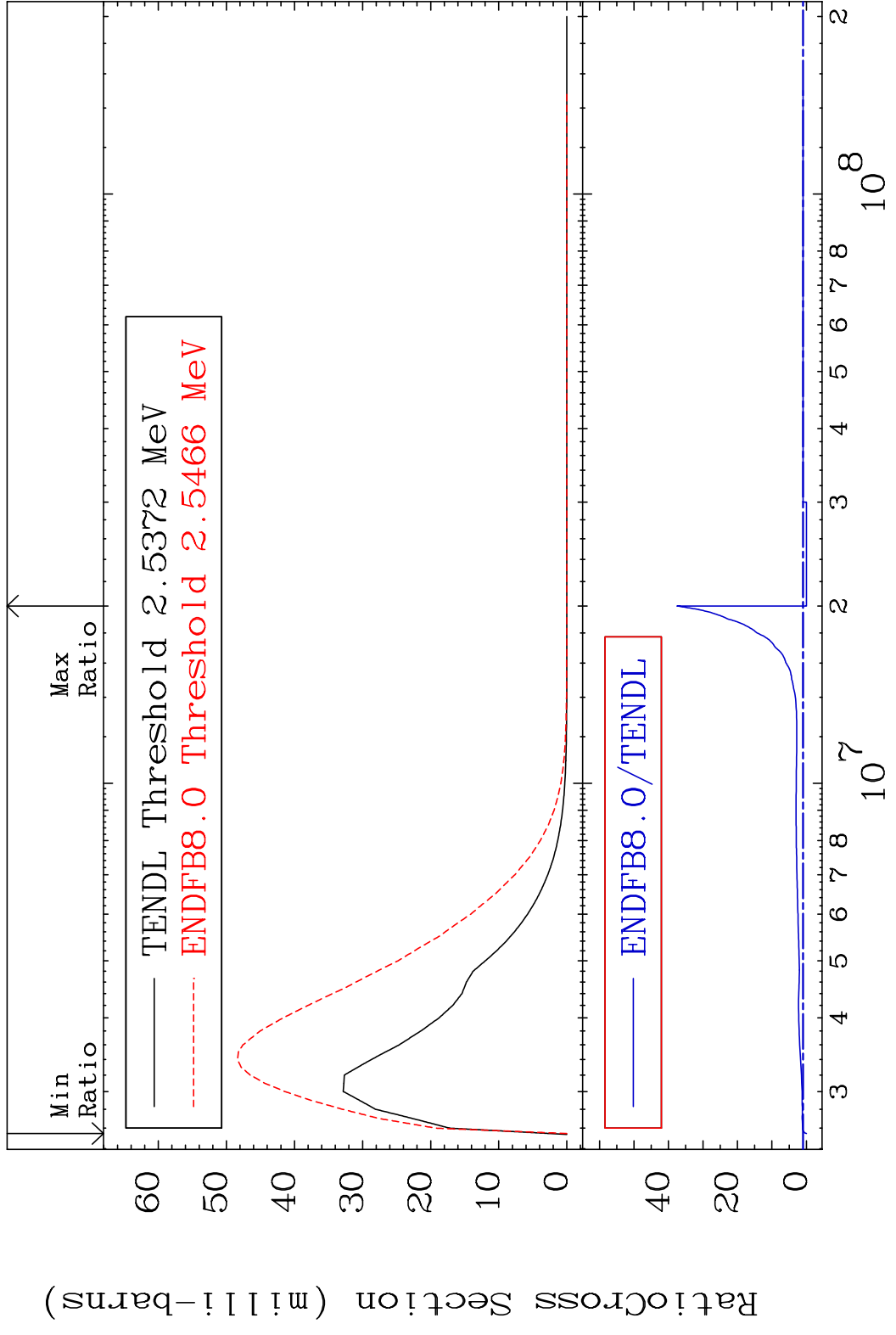


MAT 2925 MT= 66 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 3590. %

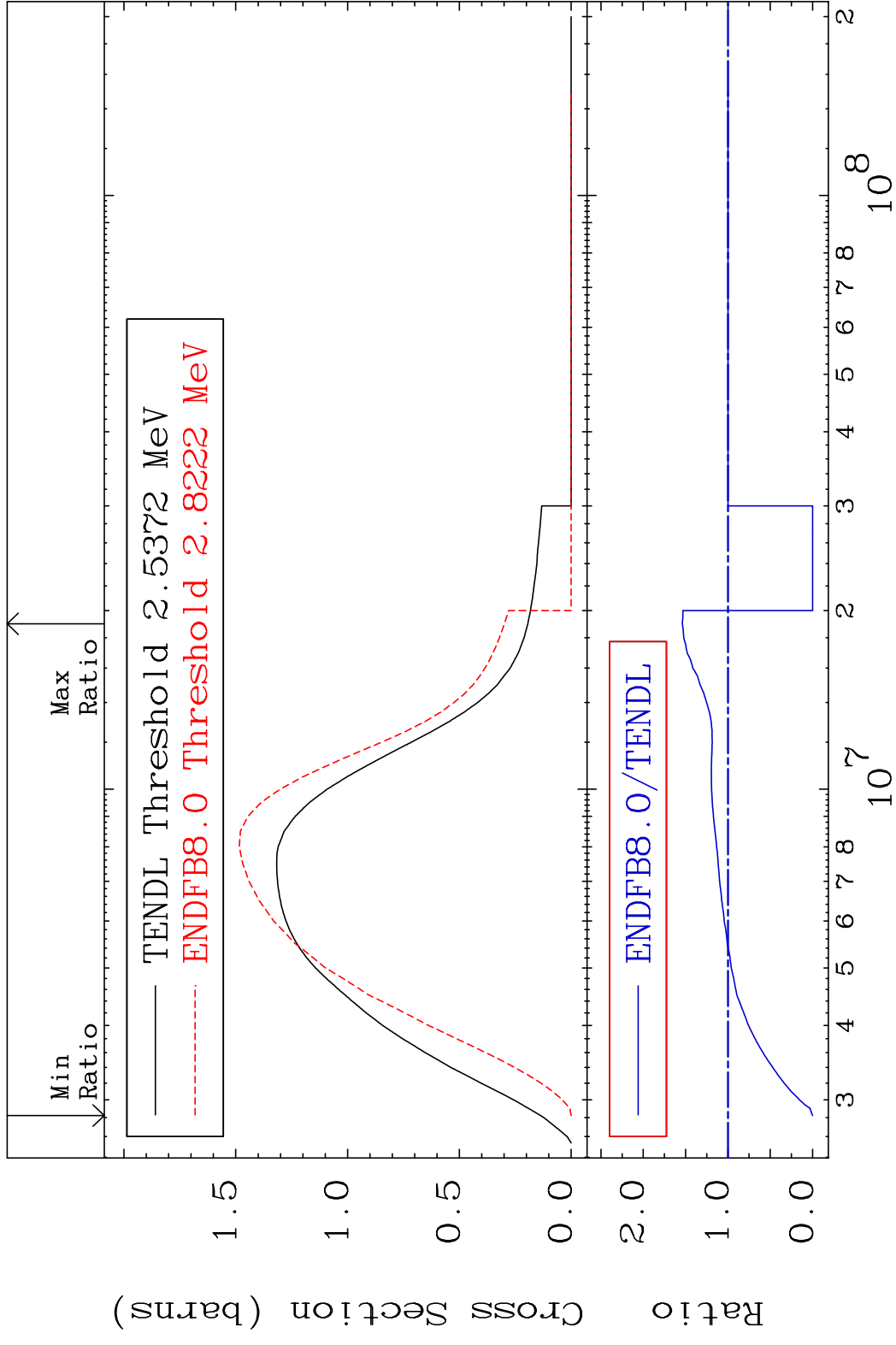


25 29-Cu-63

MAT 2925 MT= 67 (n, n') Level 29-Cu-63
 Cross Section -100.0 To 3647. %



MAT 2925 (n, n') Continuum 29-Cu-63
 Cross Section -100.0 To 53.80 %

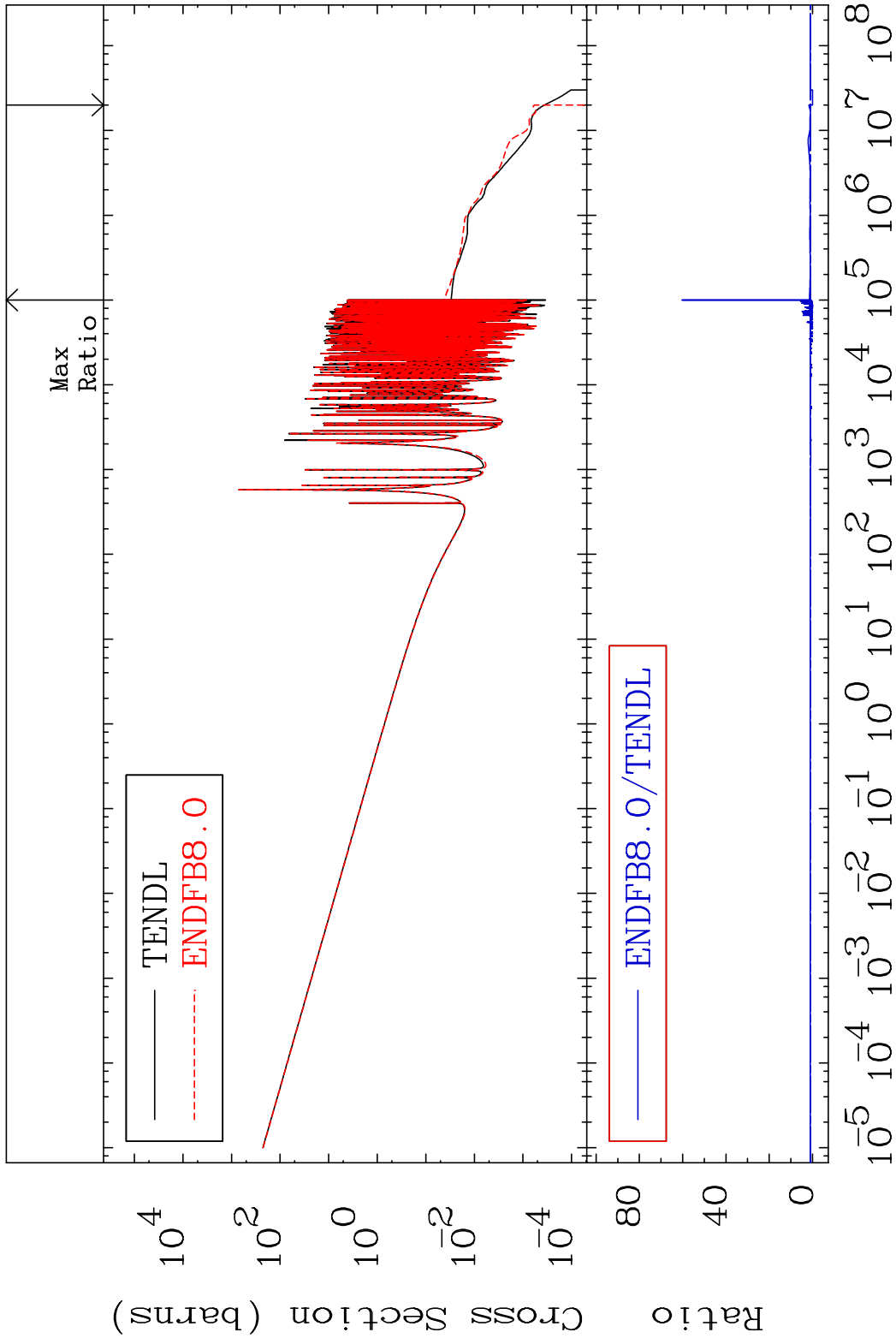


MAT 2925

(n, γ)

29-Cu-63

Cross Section -100.0 To 5923. %



28

Incident Energy (eV)

29-Cu-63

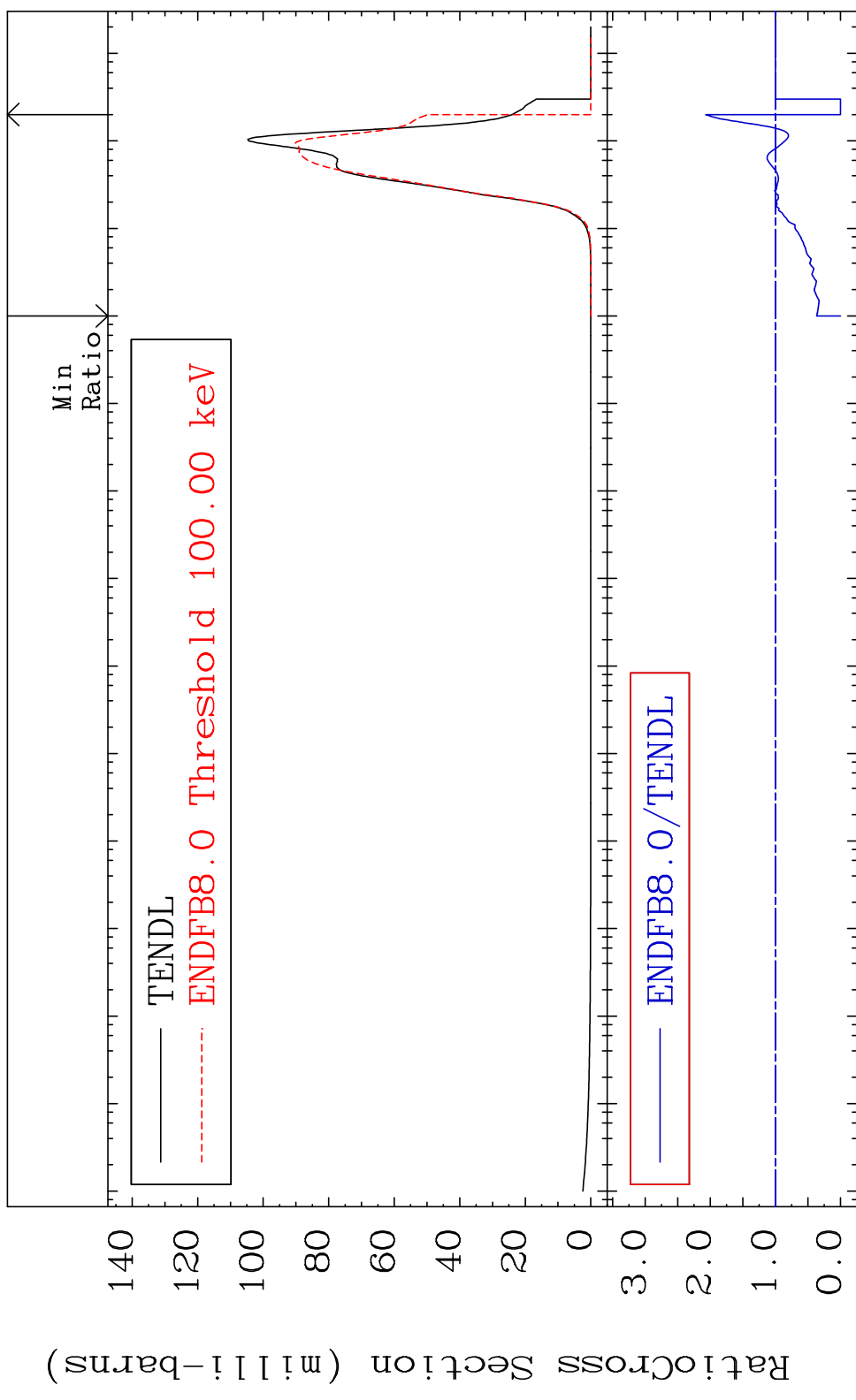
MAT 2925

(n, p)

29-Cu-63

Cross Section

-100.0 To 107.0 %

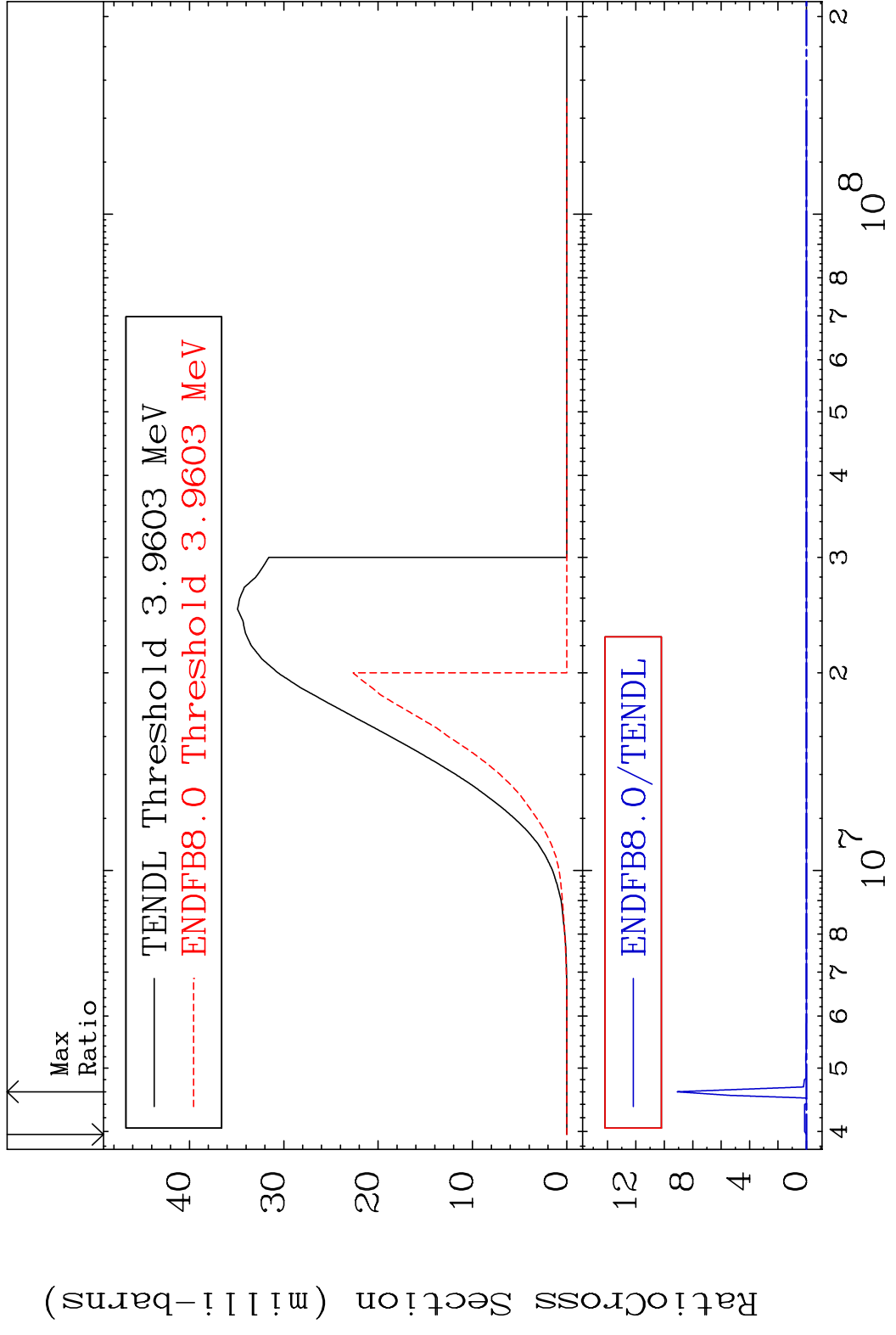


29

Incident Energy (eV)

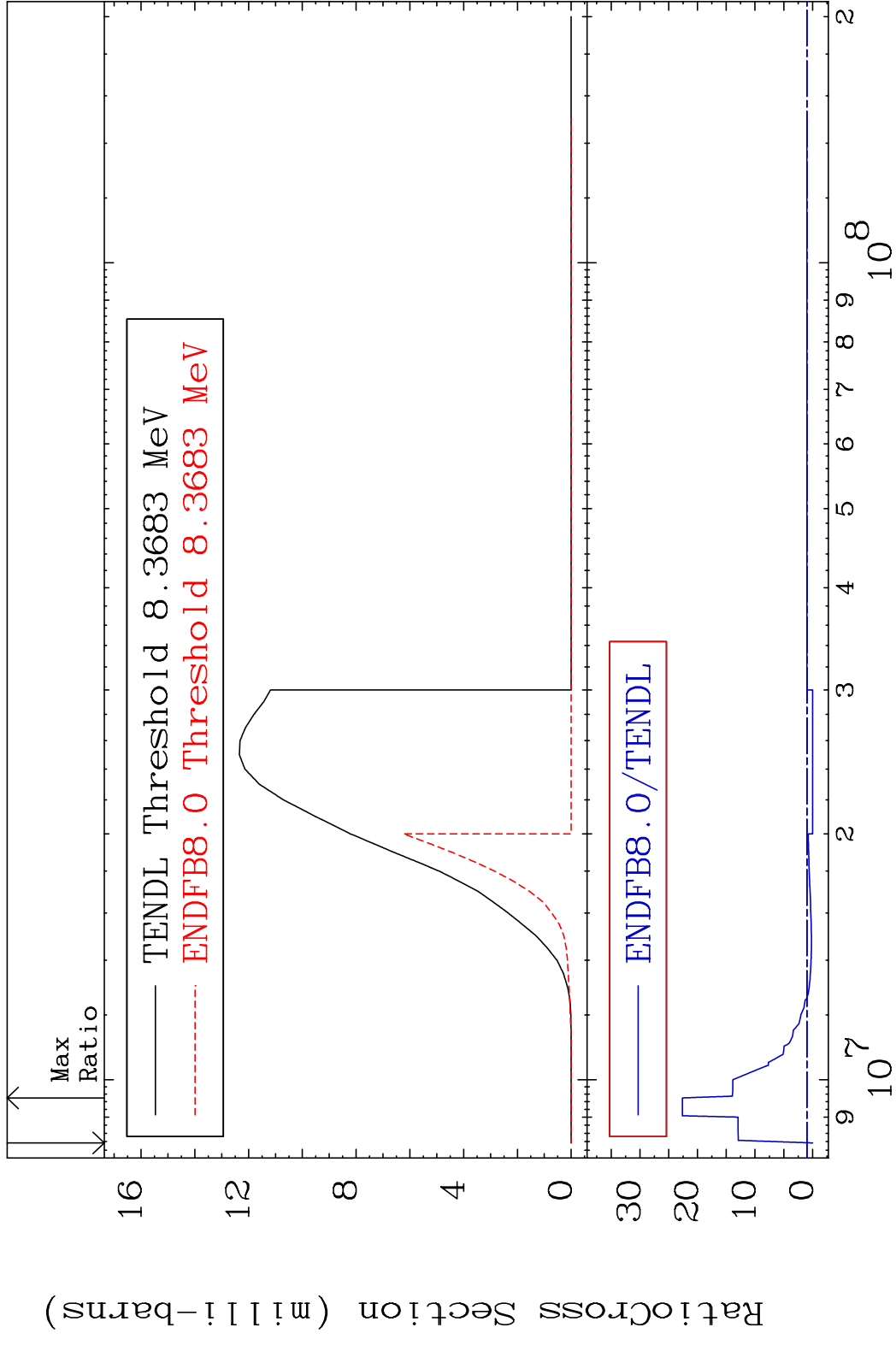
29-Cu-63

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



30 Incident Energy (eV) 29-Cu-63

MAT 2925 (n, t) 29-Cu-63
 Cross Section -100.0 To 2162. %

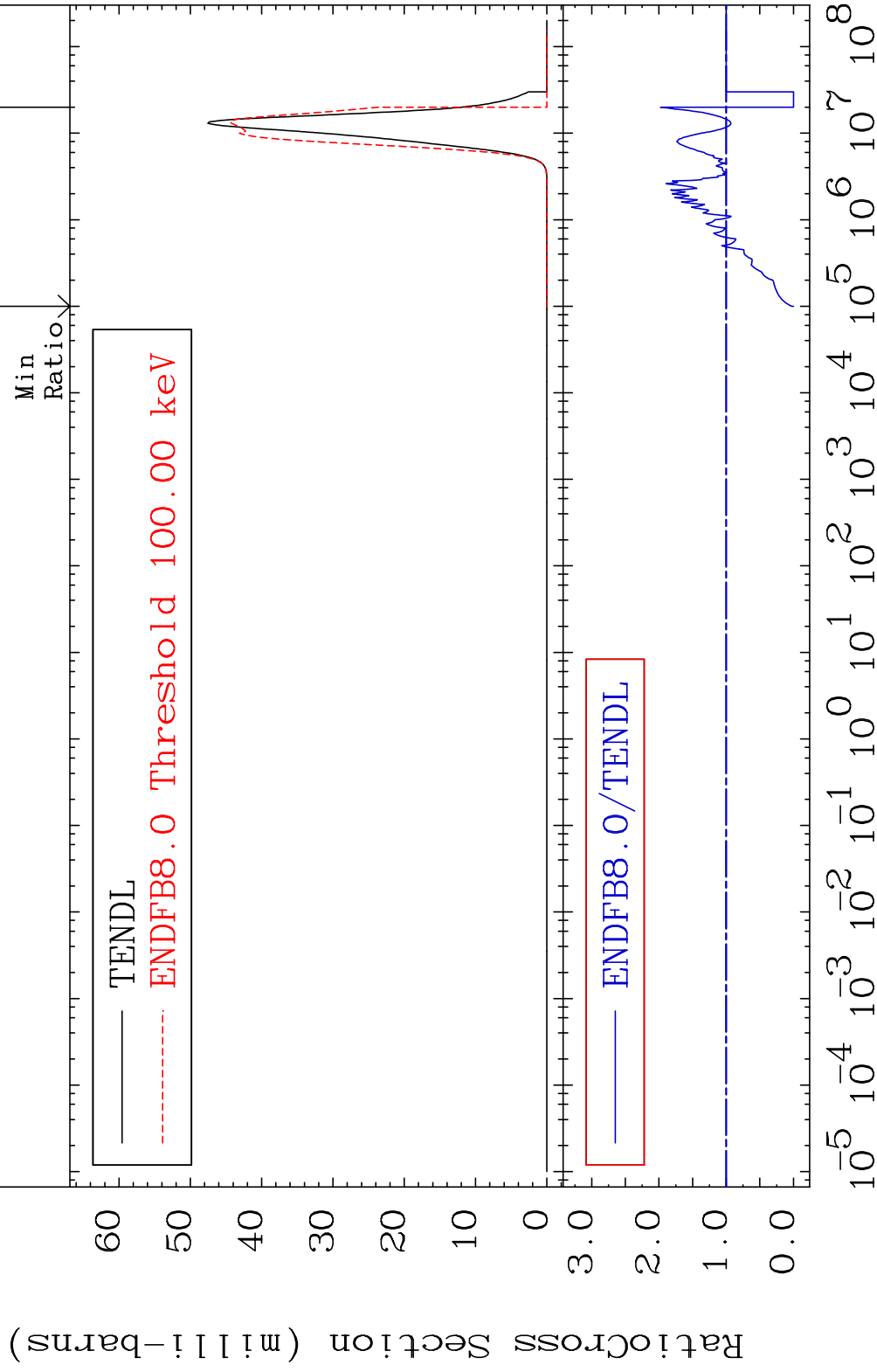


MAT 2925

(n, α)

29-Cu-63

Cross Section -100.0 To 97.80 %

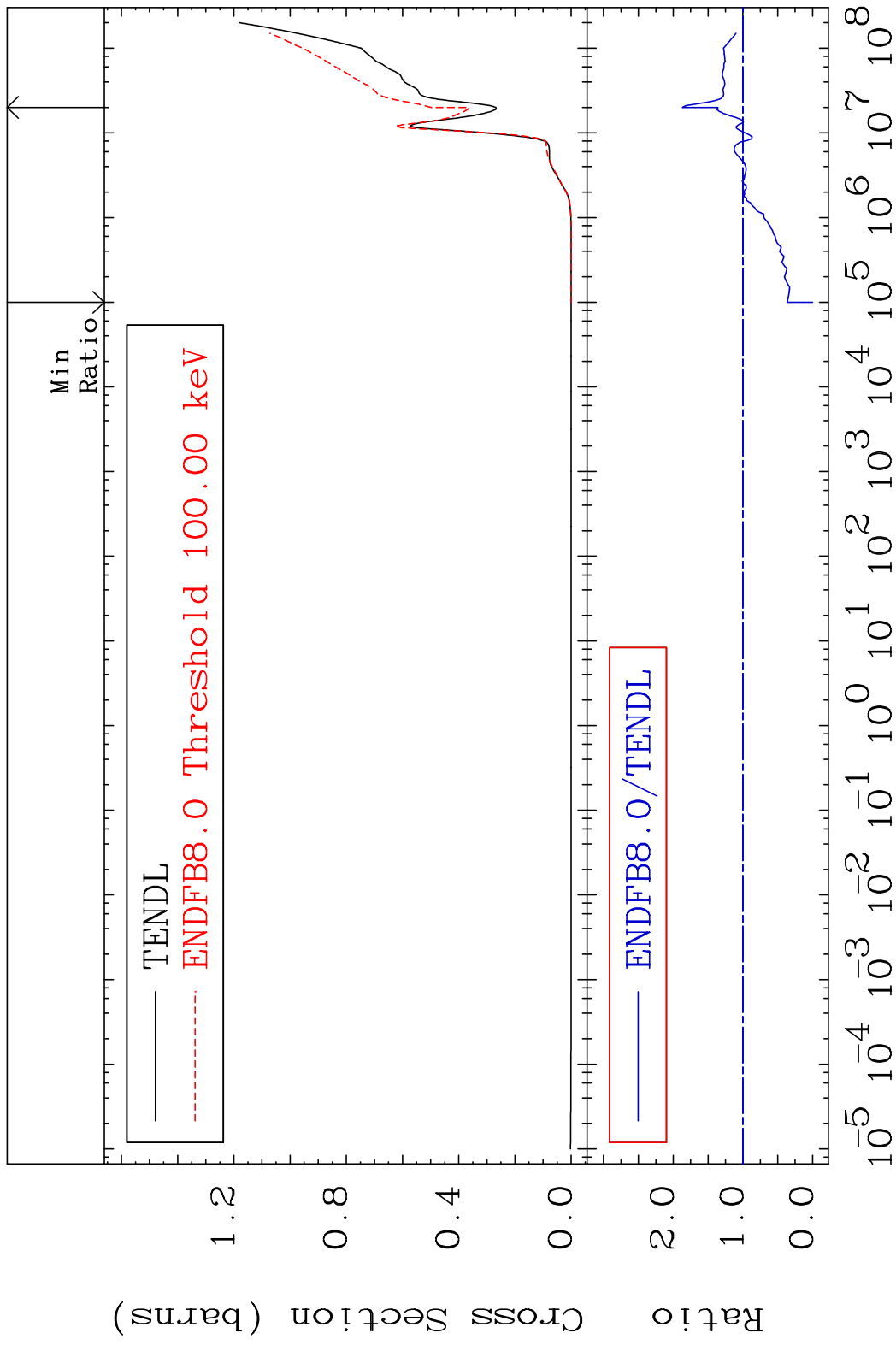


32

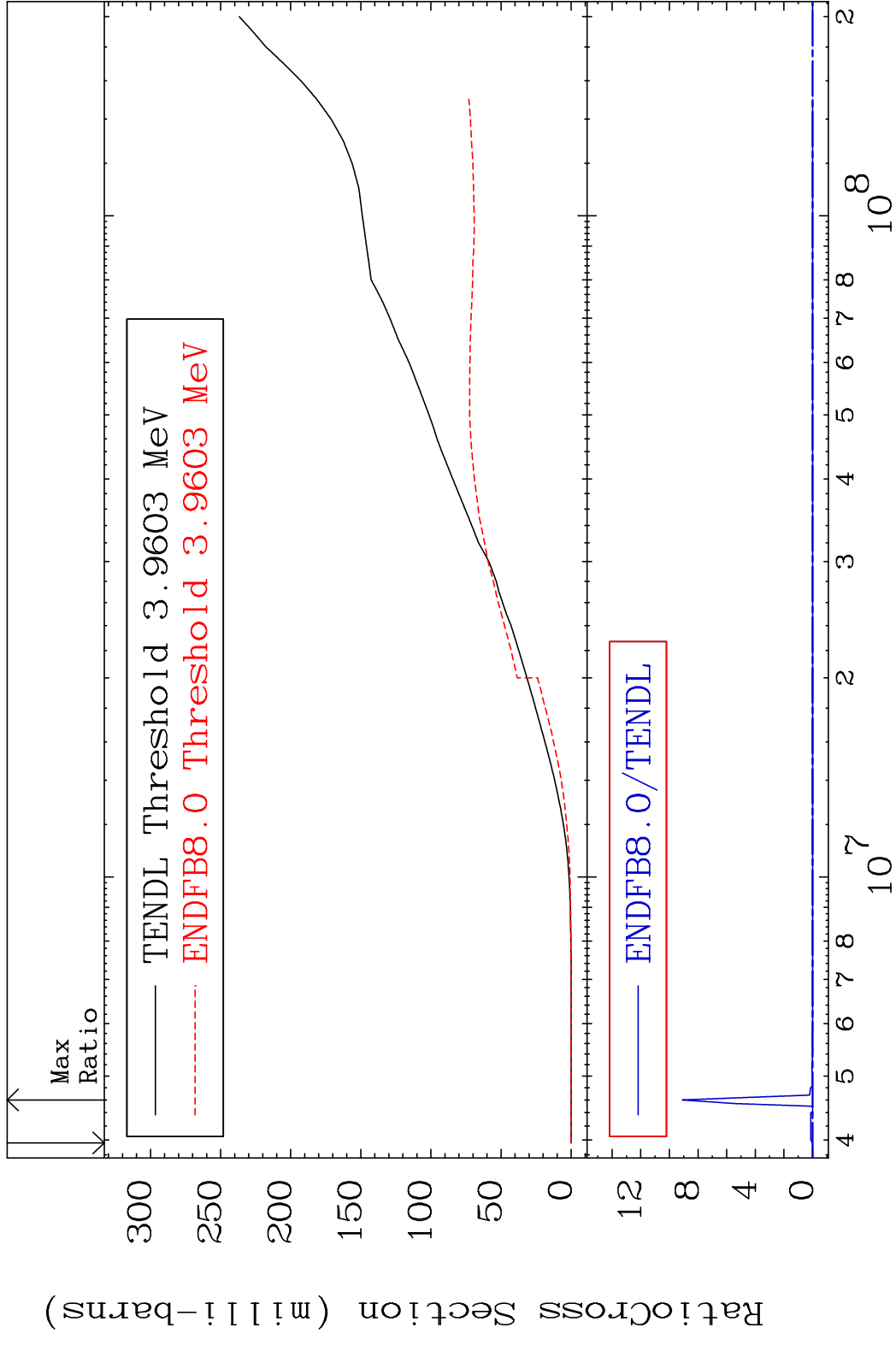
Incident Energy (eV)

29-Cu-63

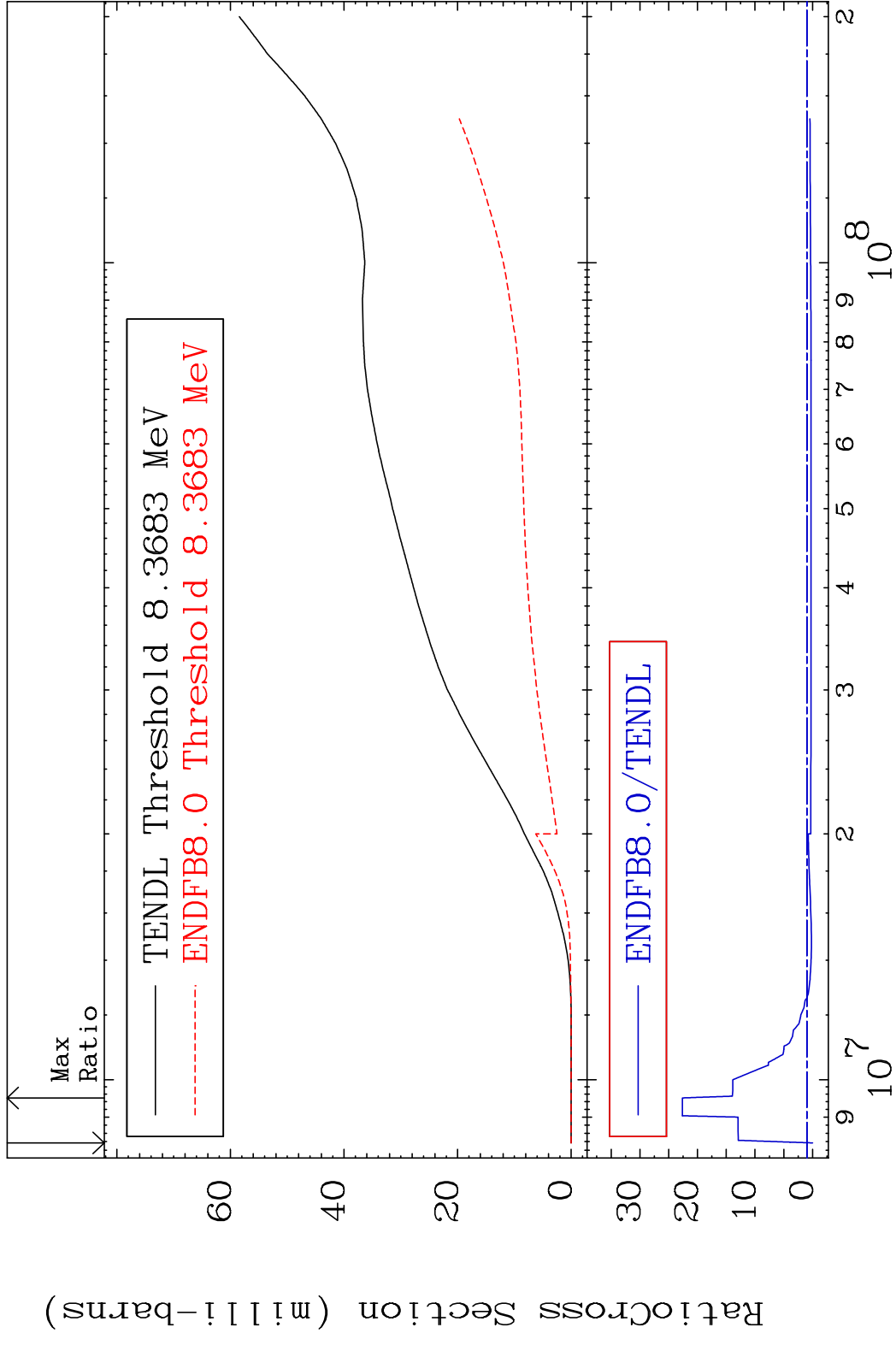
MAT 2925 Hydrogen Production 29-Cu-63
 Cross Section -100.0 To 86.92 %



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 2162. %



35 Incident Energy (eV) 29-Cu-63

MAT 2925

He-4 Production

29-Cu-63

Cross Section -100.0 To 89.31 %

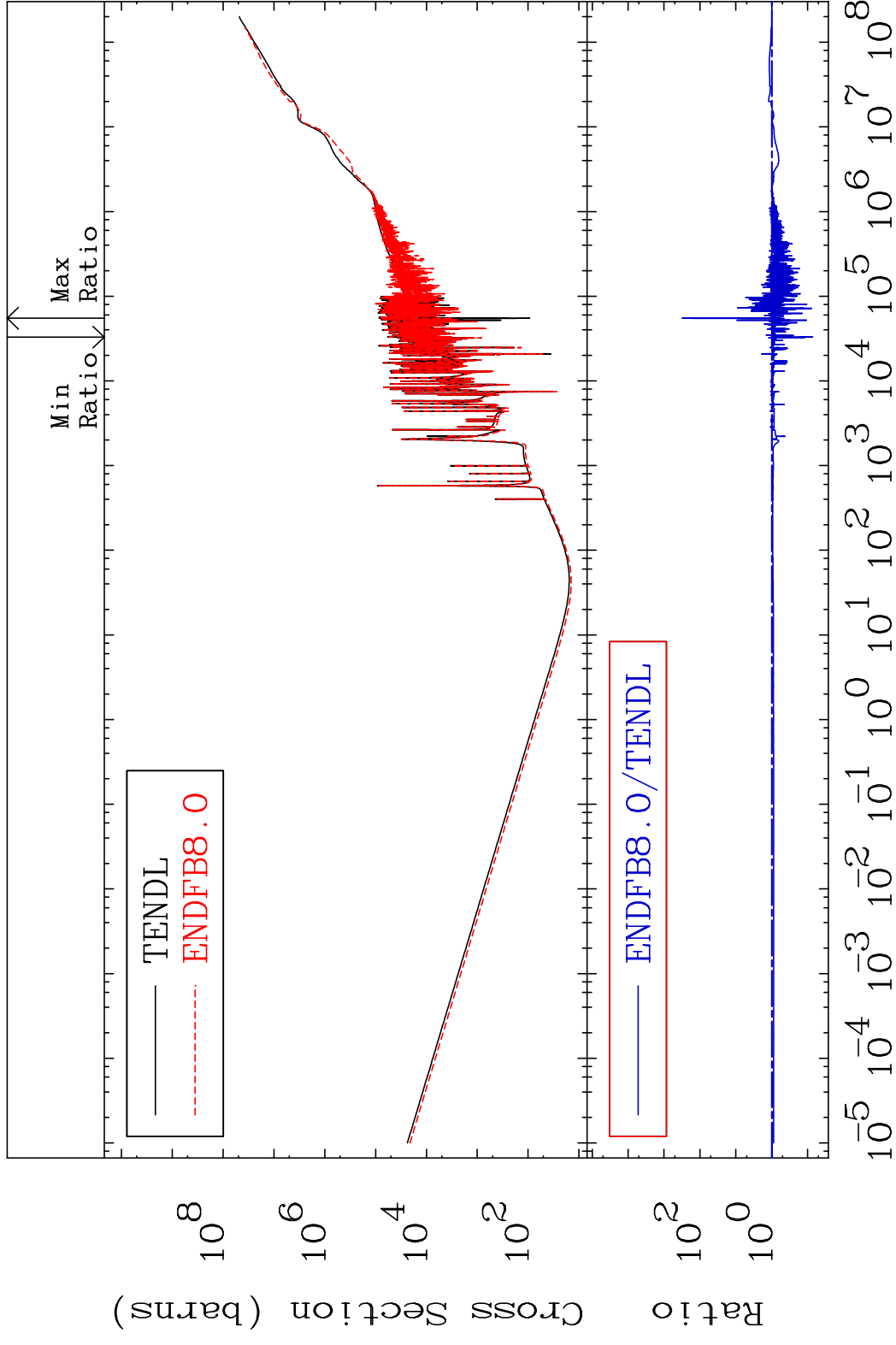


36

Incident Energy (eV)

29-Cu-63

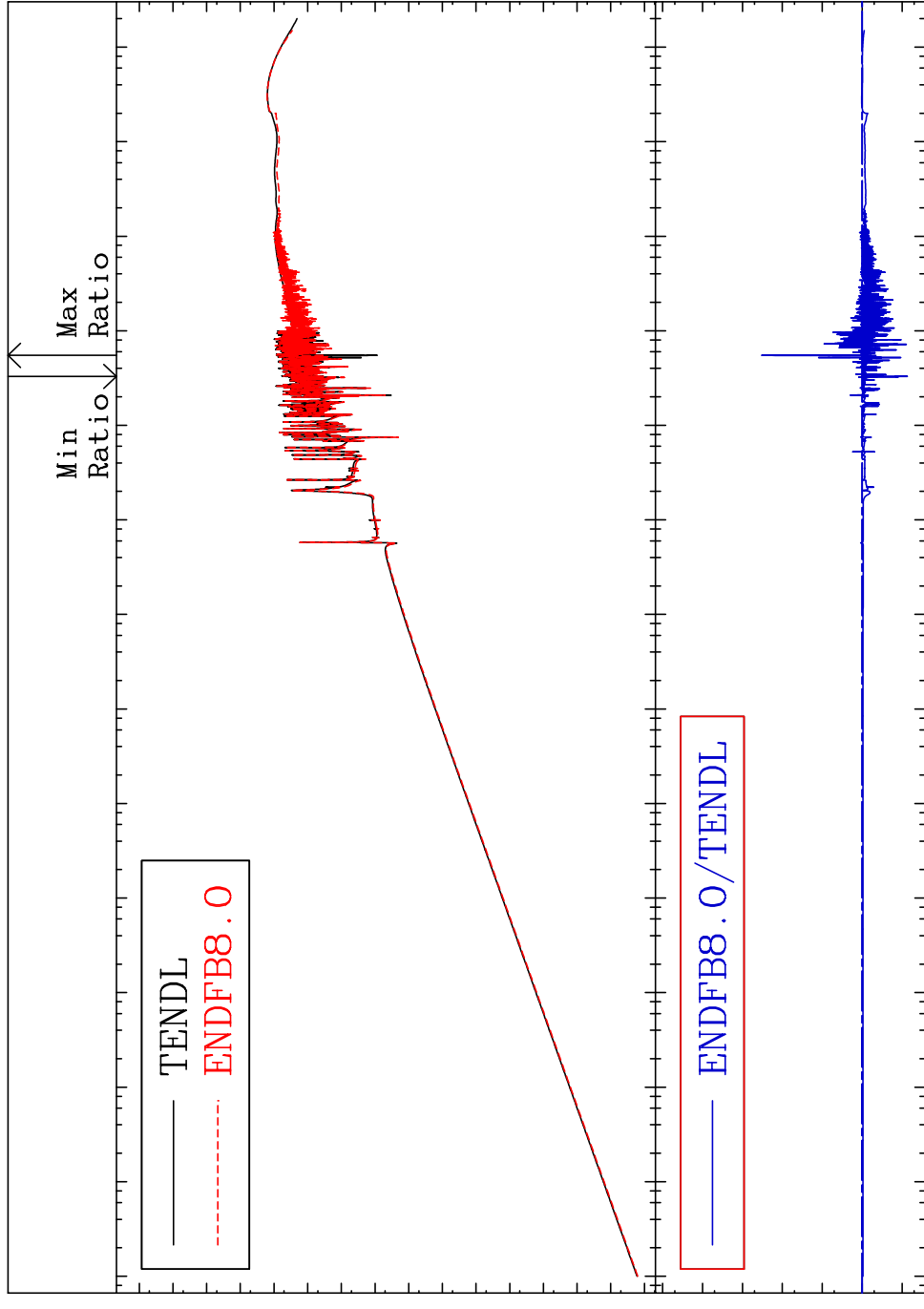
MAT 2925 Kerma total (eV-barns) 29-Cu-63
 Cross Section -92.73 To 9999. %



MAT 2925

Kerma elastic
Cross Section

29-Cu-63
-92.58 To 9999. %



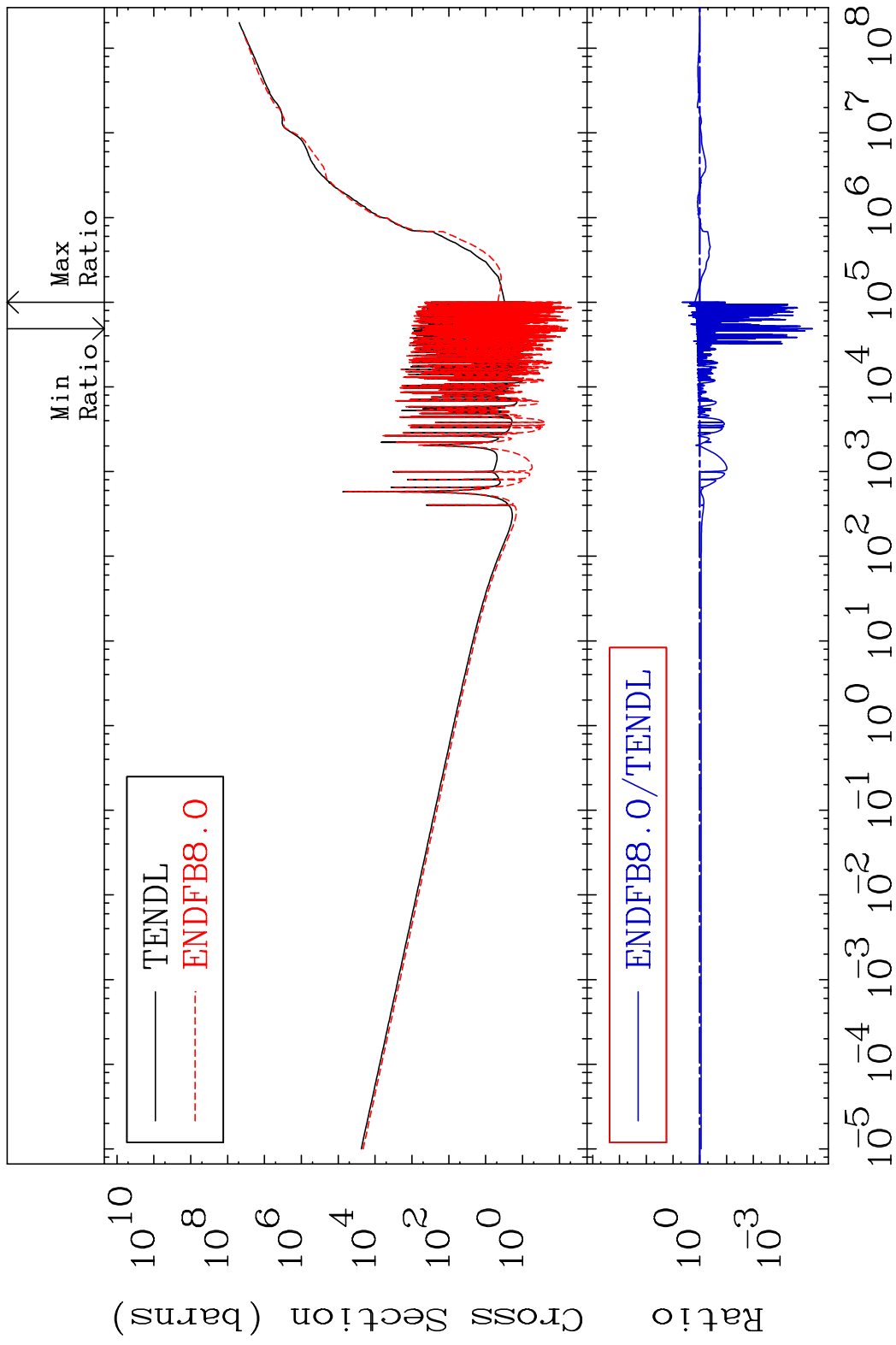
Cross Section (barns)
Ratio

38

Incident Energy (eV)

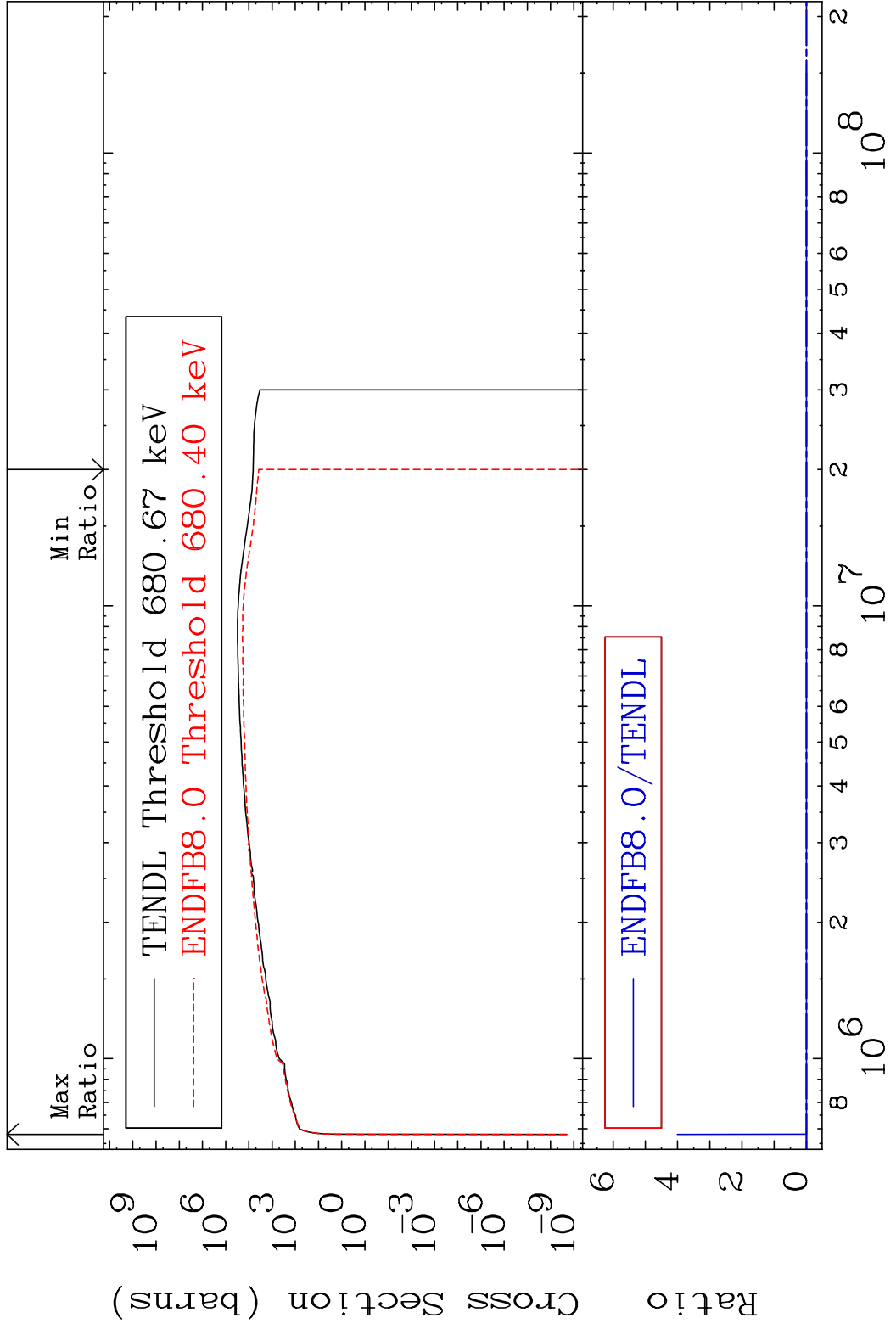
29-Cu-63

MAT 2925 Kerma non-elastic (all but mt2) 29-Cu-63
 Cross Section -99.99 To 347.8 %



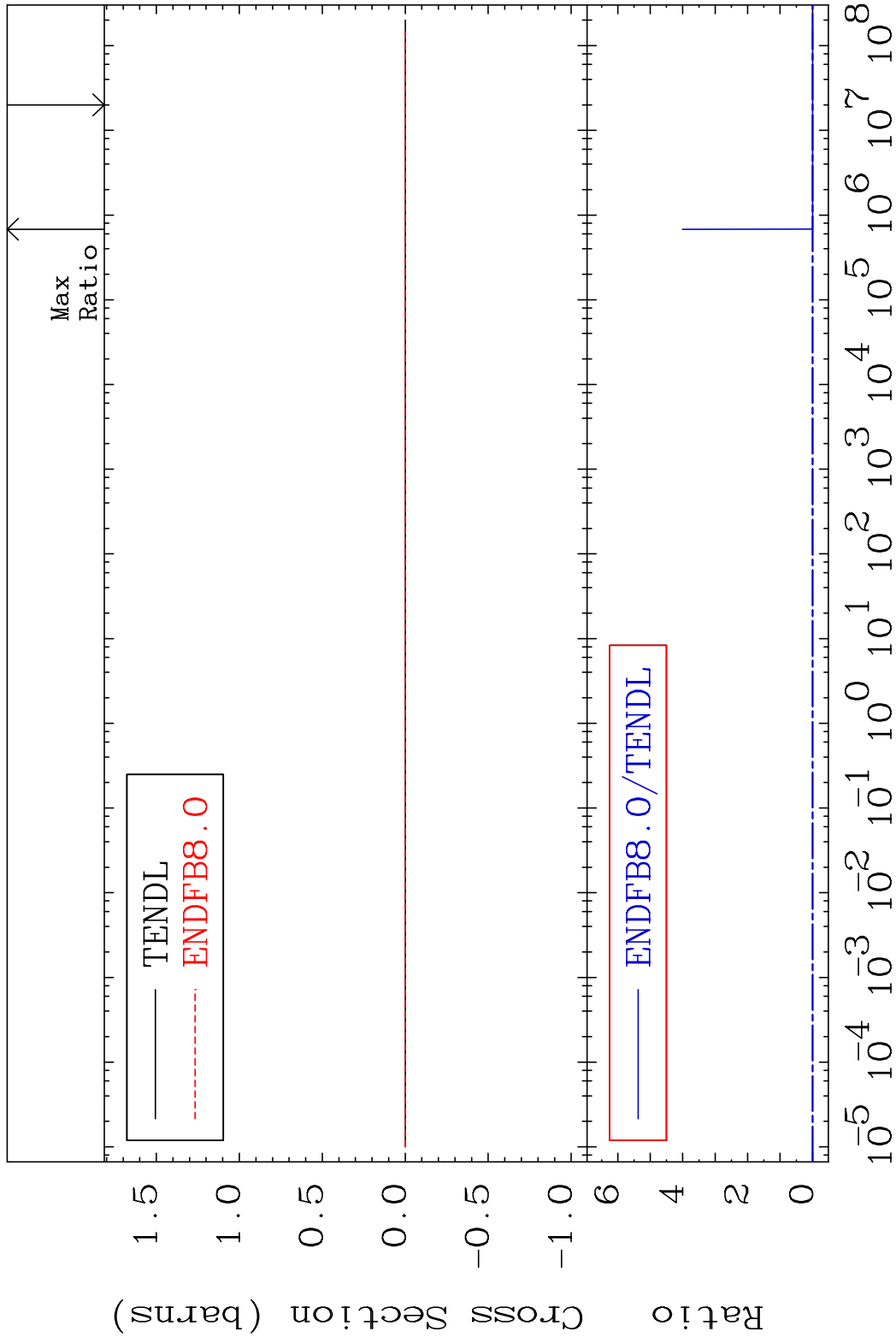
39 Incident Energy (eV) 29-Cu-63

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

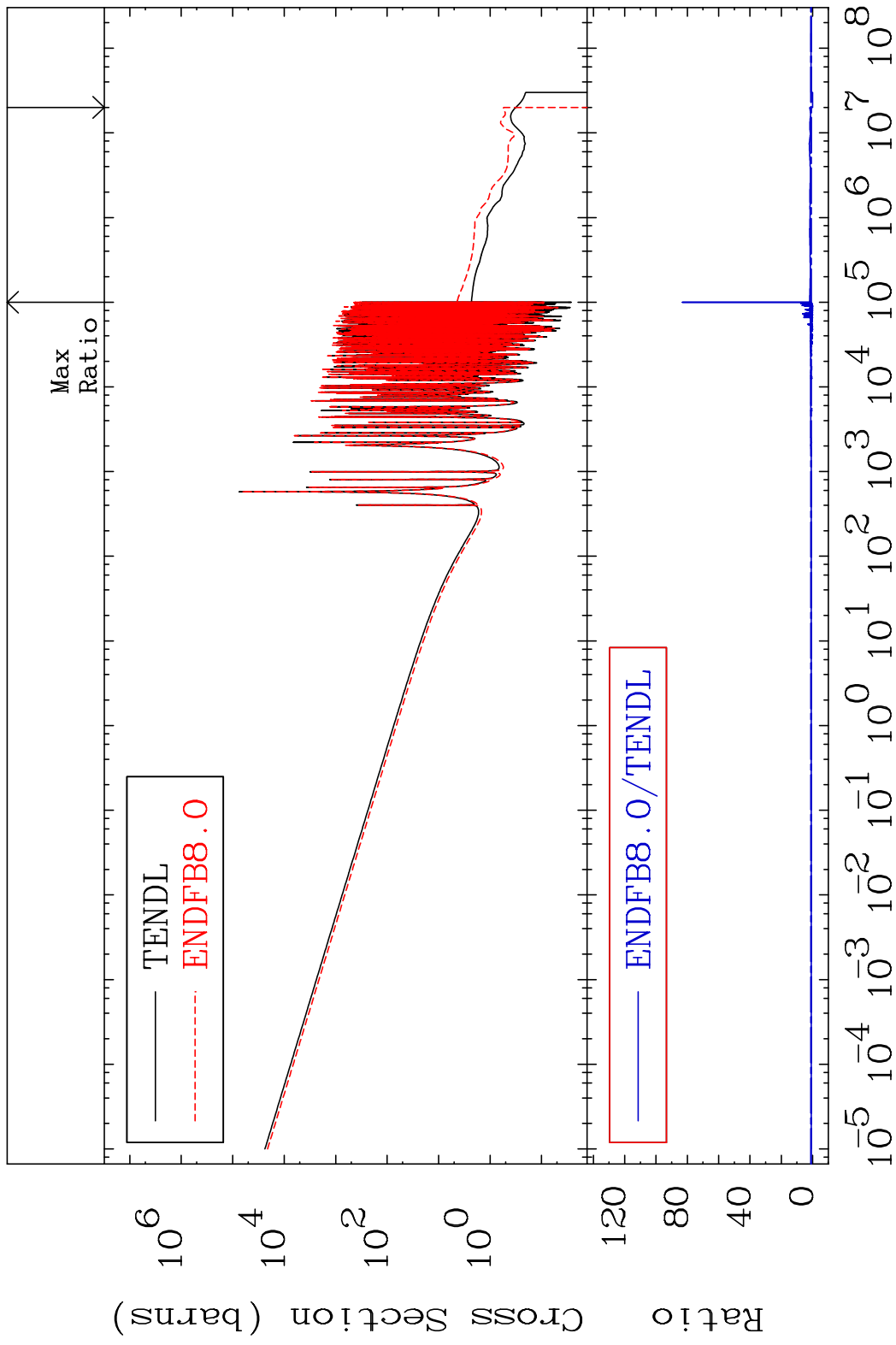


40 Incident Energy (eV) 29-Cu-63

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

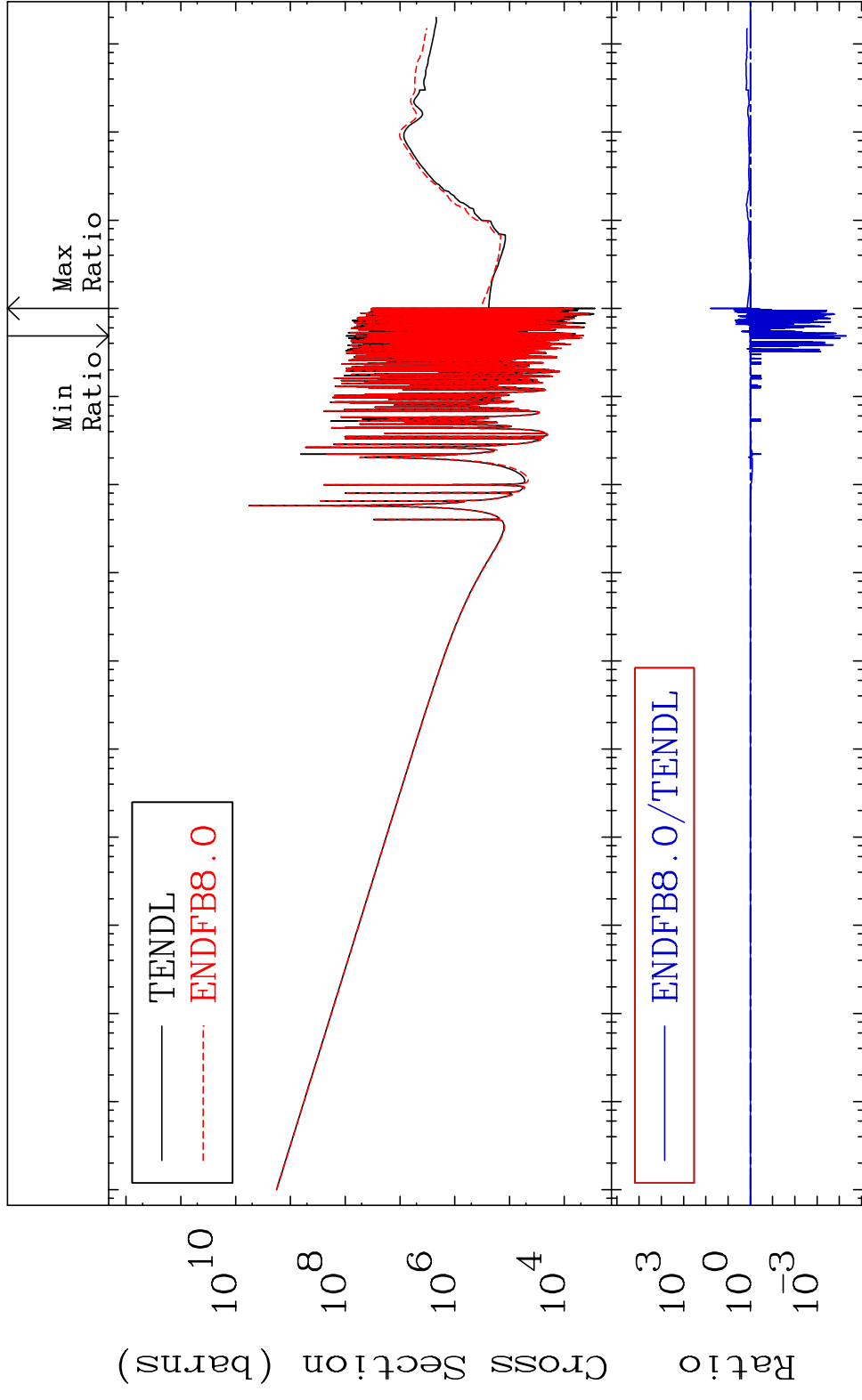


MAT 2925 Kerma capture (mt102) 29-Cu-63
Cross Section -100.0 To 8218. %



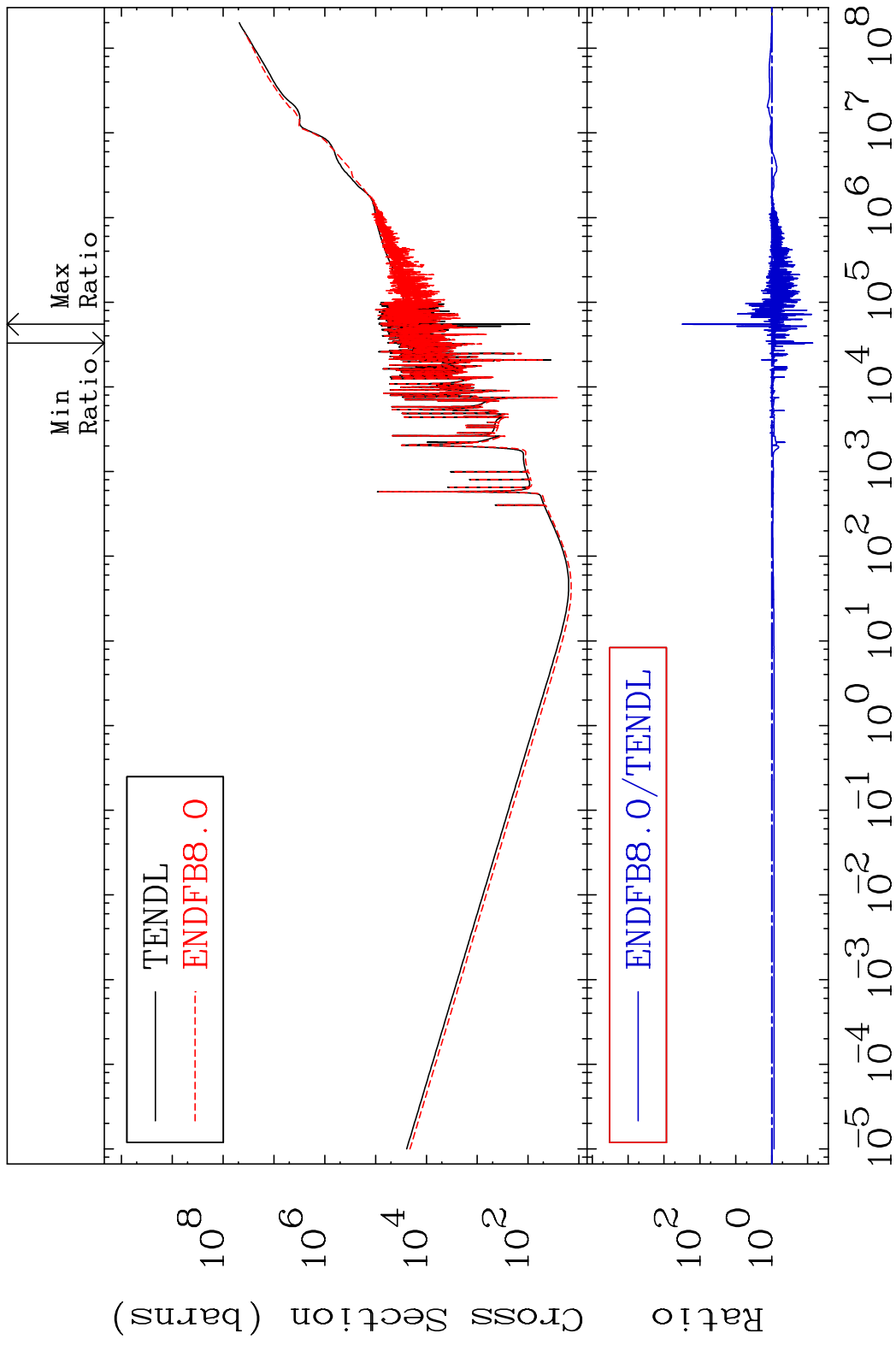
42 Incident Energy (eV) 29-Cu-63

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

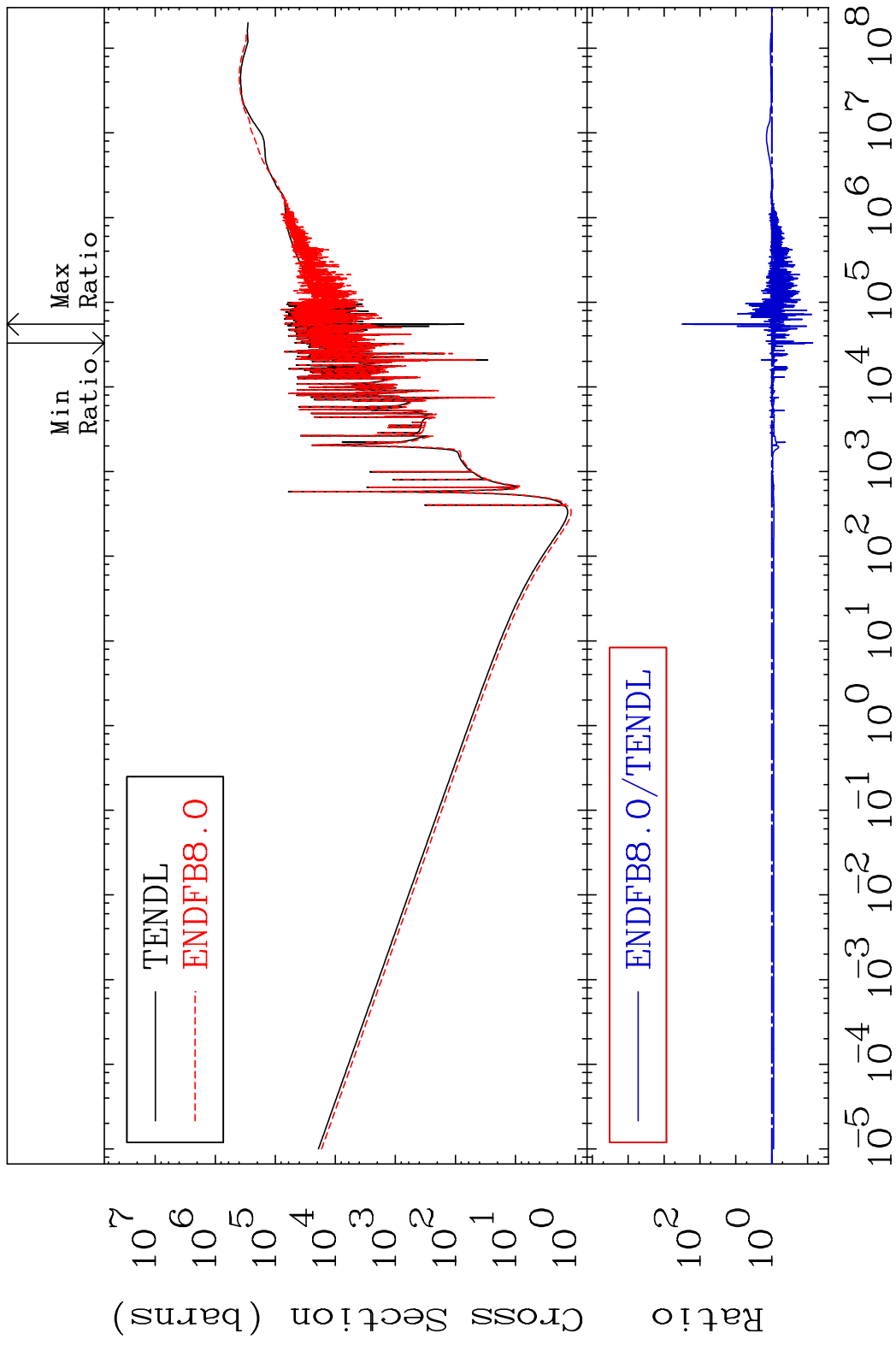


43 Incident Energy (eV) 29-Cu-63

MAT 2925 Total kinematic kerma (high limit) 29-Cu-63
 Cross Section -92.73 To 9999. %



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



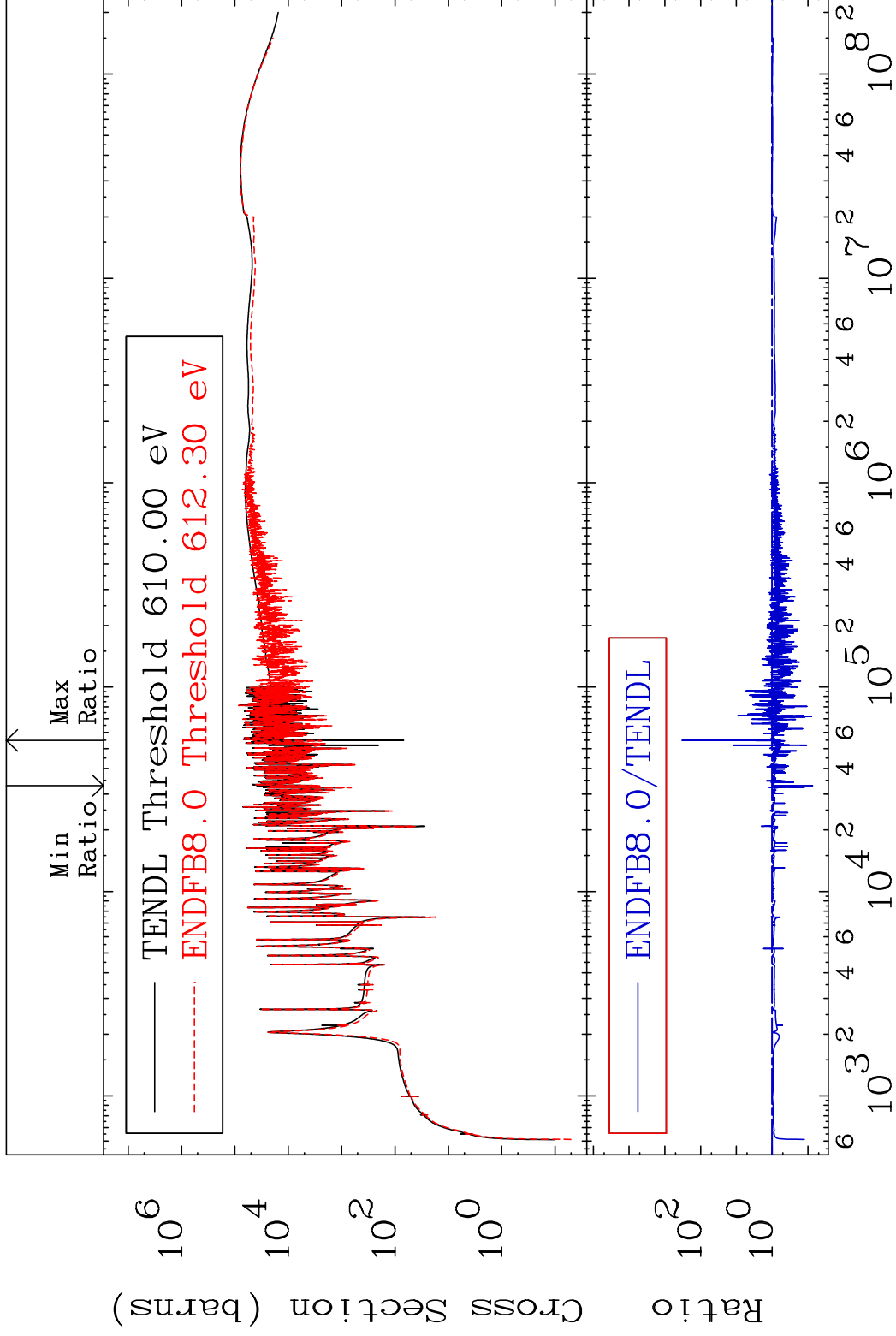
45 Incident Energy (eV) 29-Cu-63

MAT 2925

Dpa elastic (mt2)

29-Cu-63

Cross Section -92.57 To 9999. %

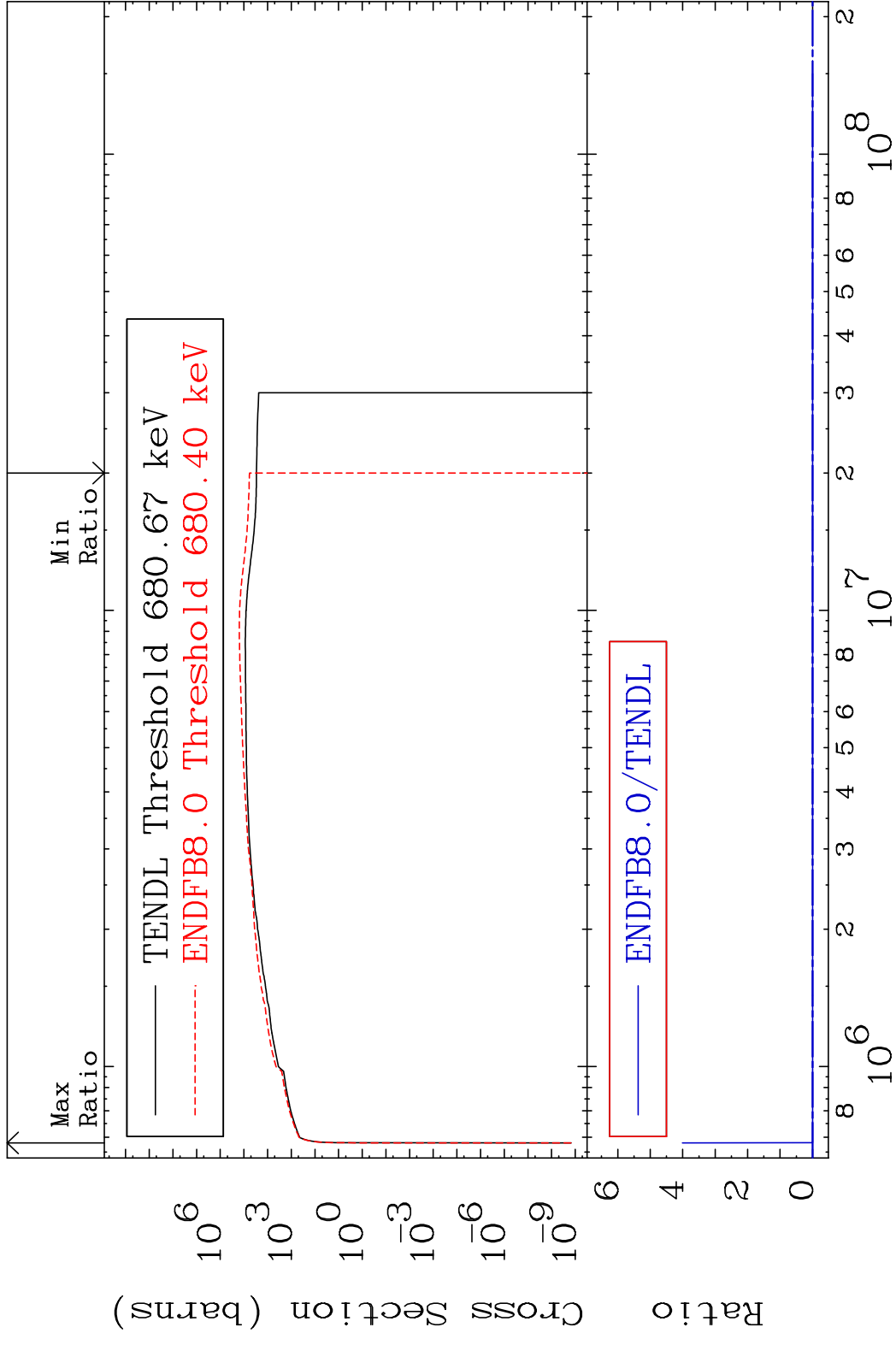


46

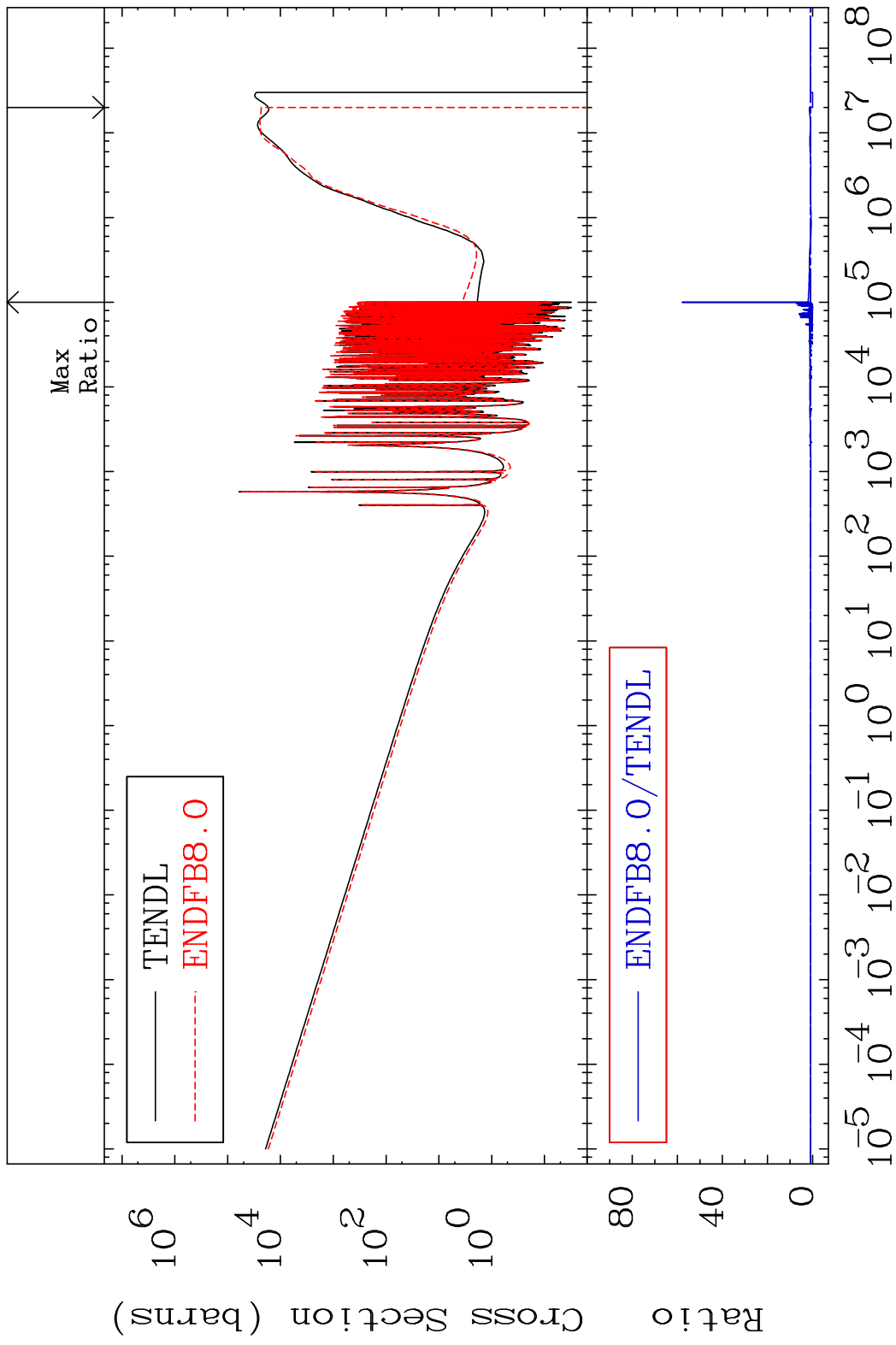
Incident Energy (eV)

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 5676. %



48 Incident Energy (eV) 29-Cu-63