

Program Complot
(Version 2021-1)

by

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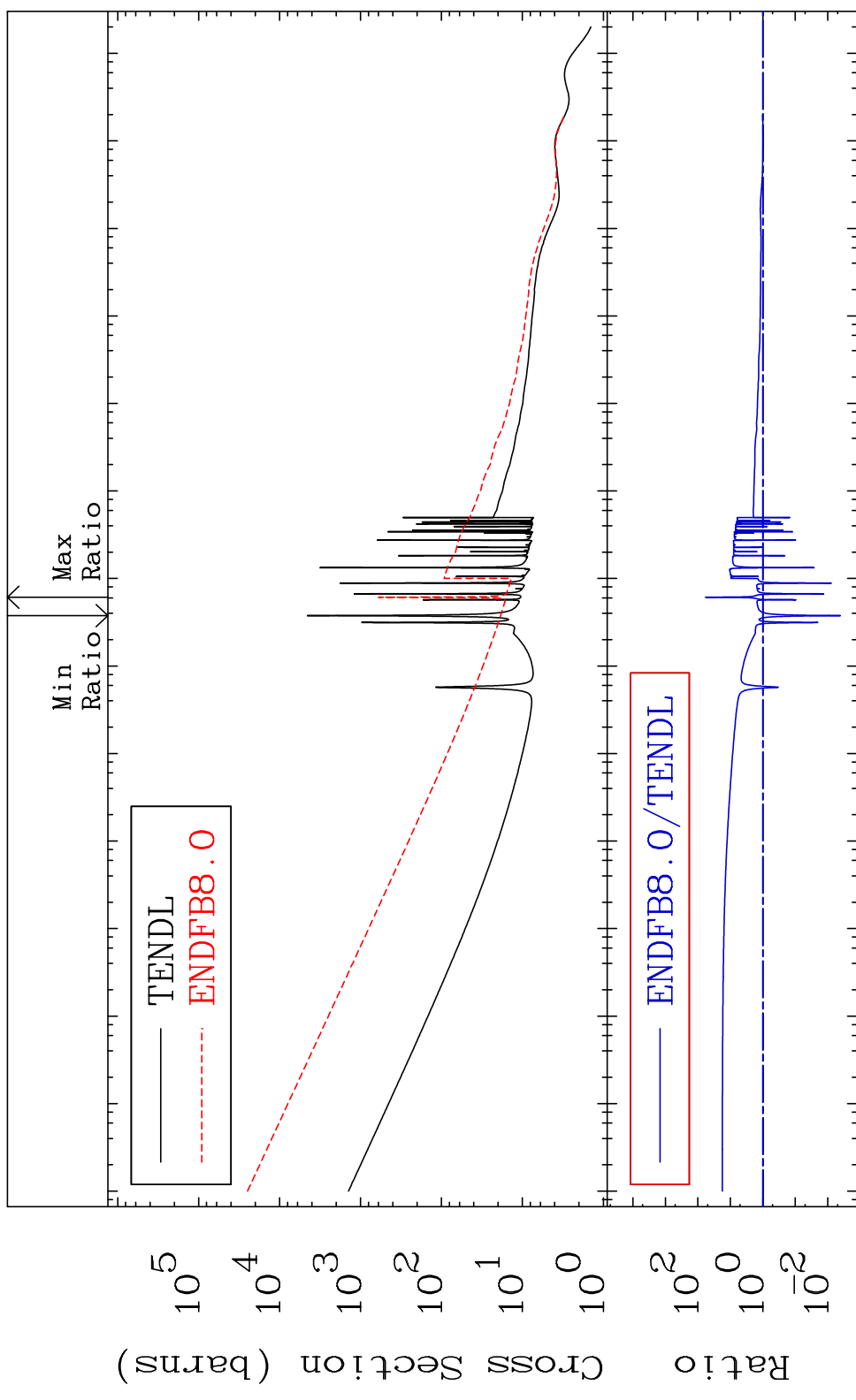
Press Mouse Button to Start

MAT 3628

Total

36-Kr-79

Cross Section -99.59 To 5604. %



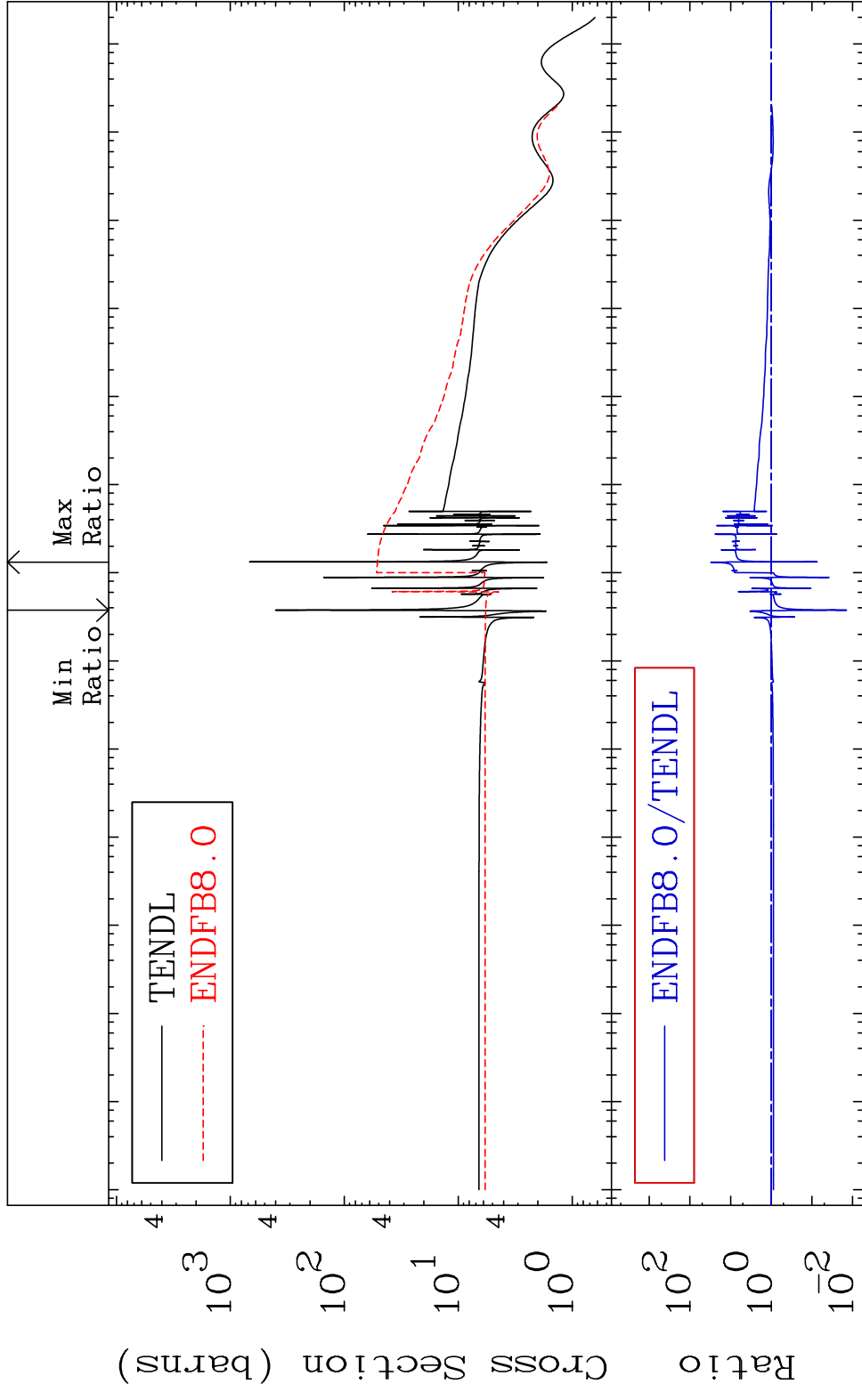
1

Incident Energy (eV)

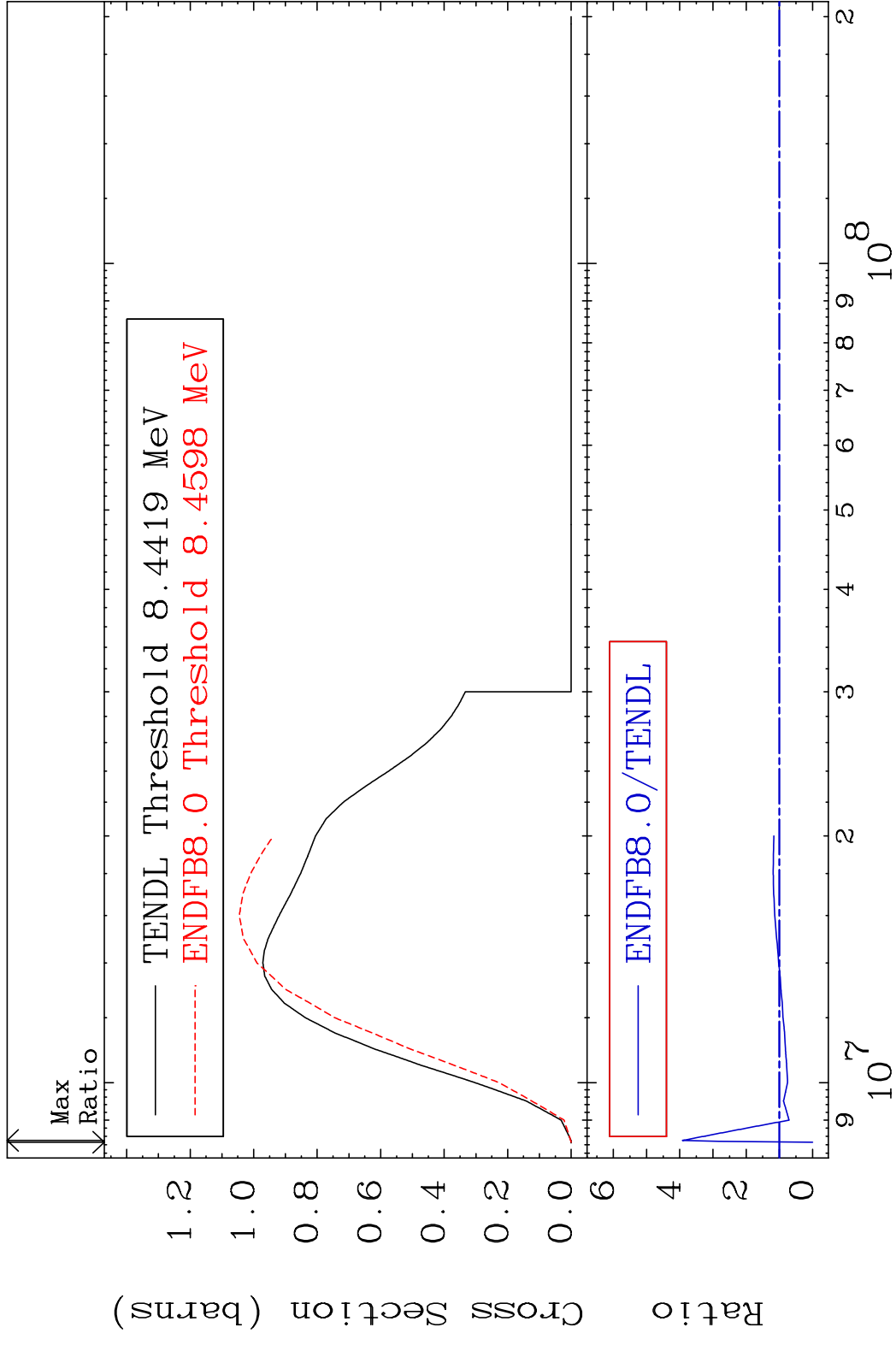
36-Kr-79

MAT 3628

Elastic Cross Section -98.57 To 2980. %
36-Kr-79

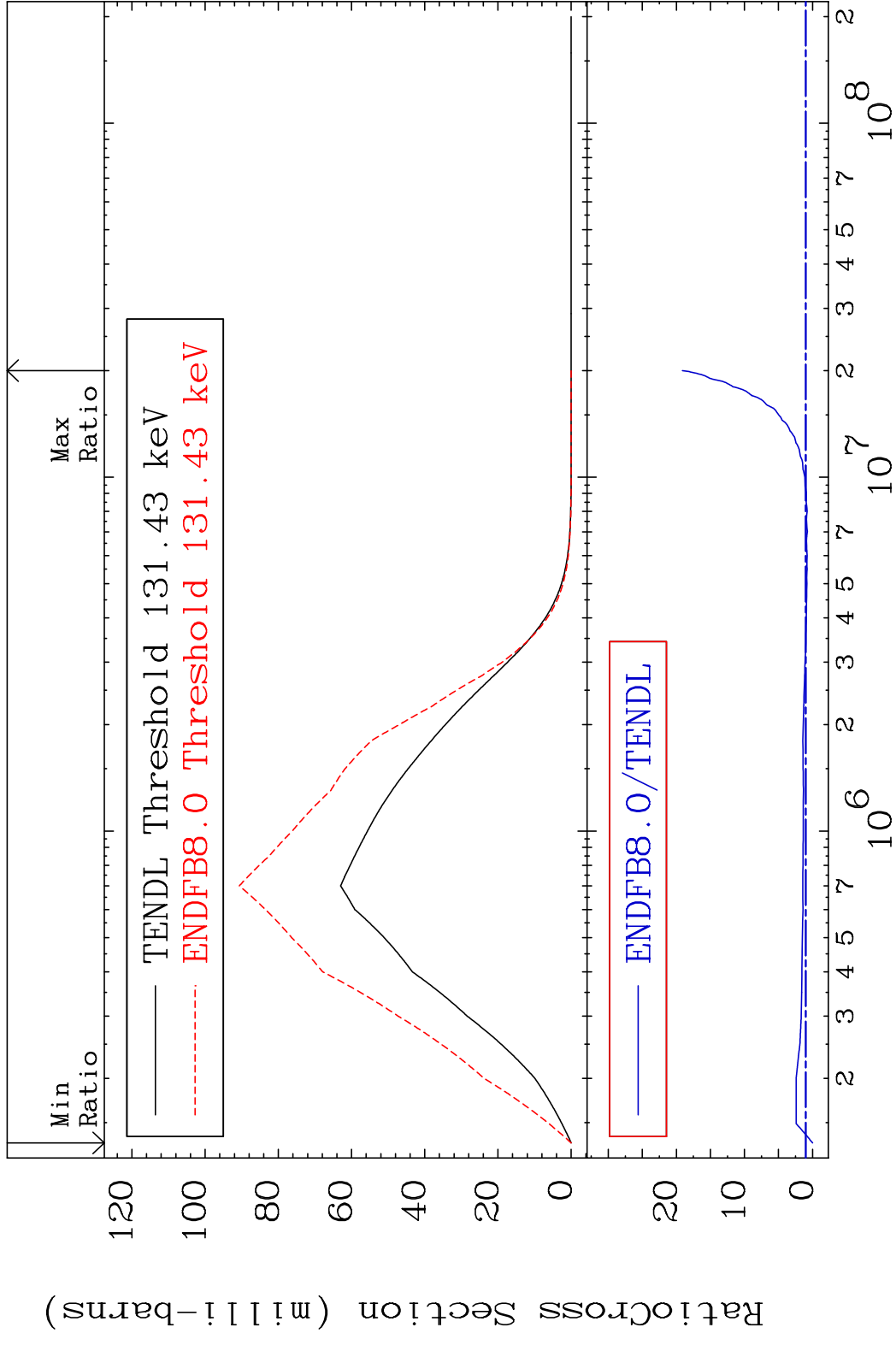


MAT 3628 (n,2n) 36-Kr-79
 Cross Section -100.0 To 292.2 %

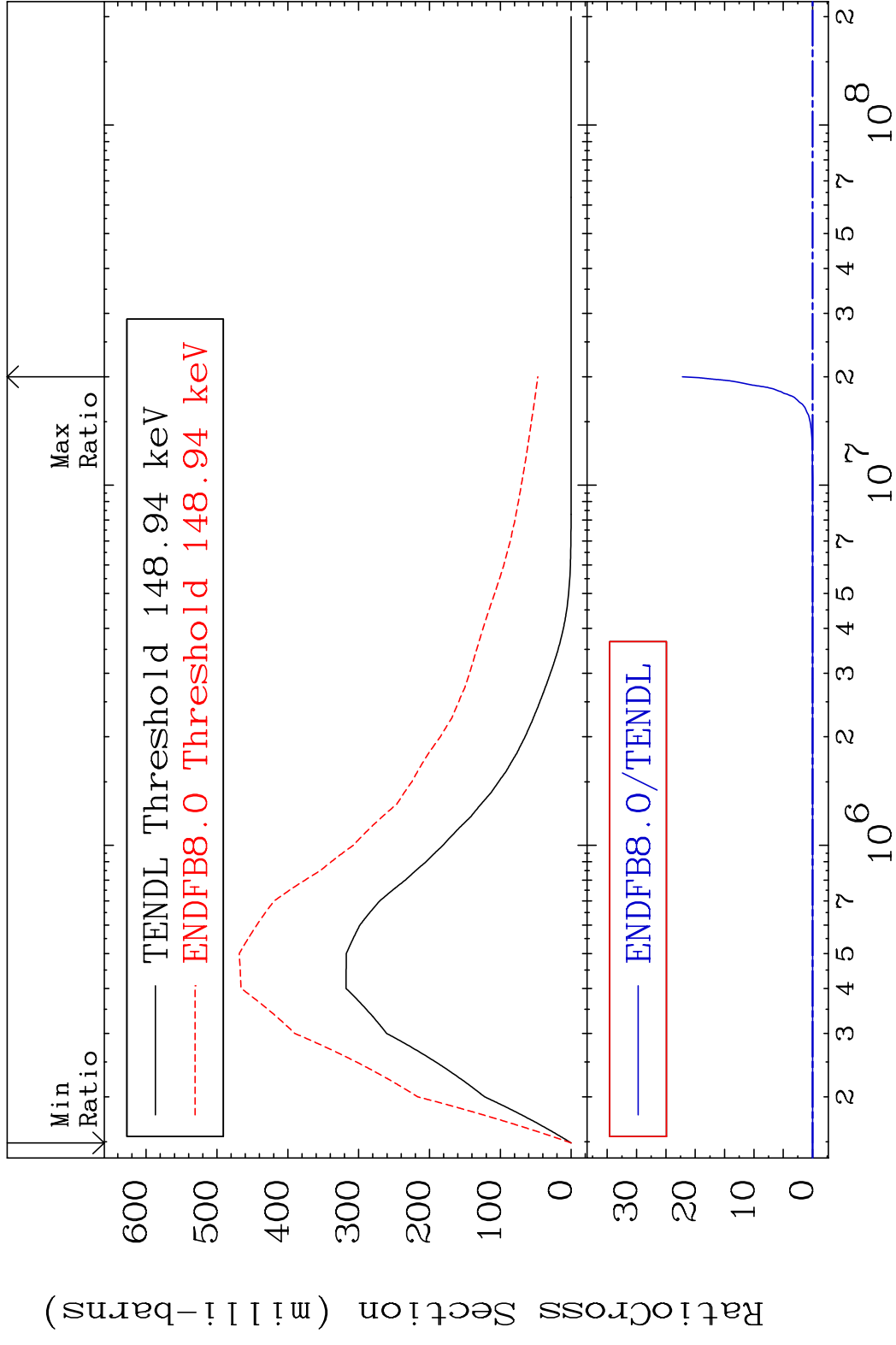


4 36-Kr-79

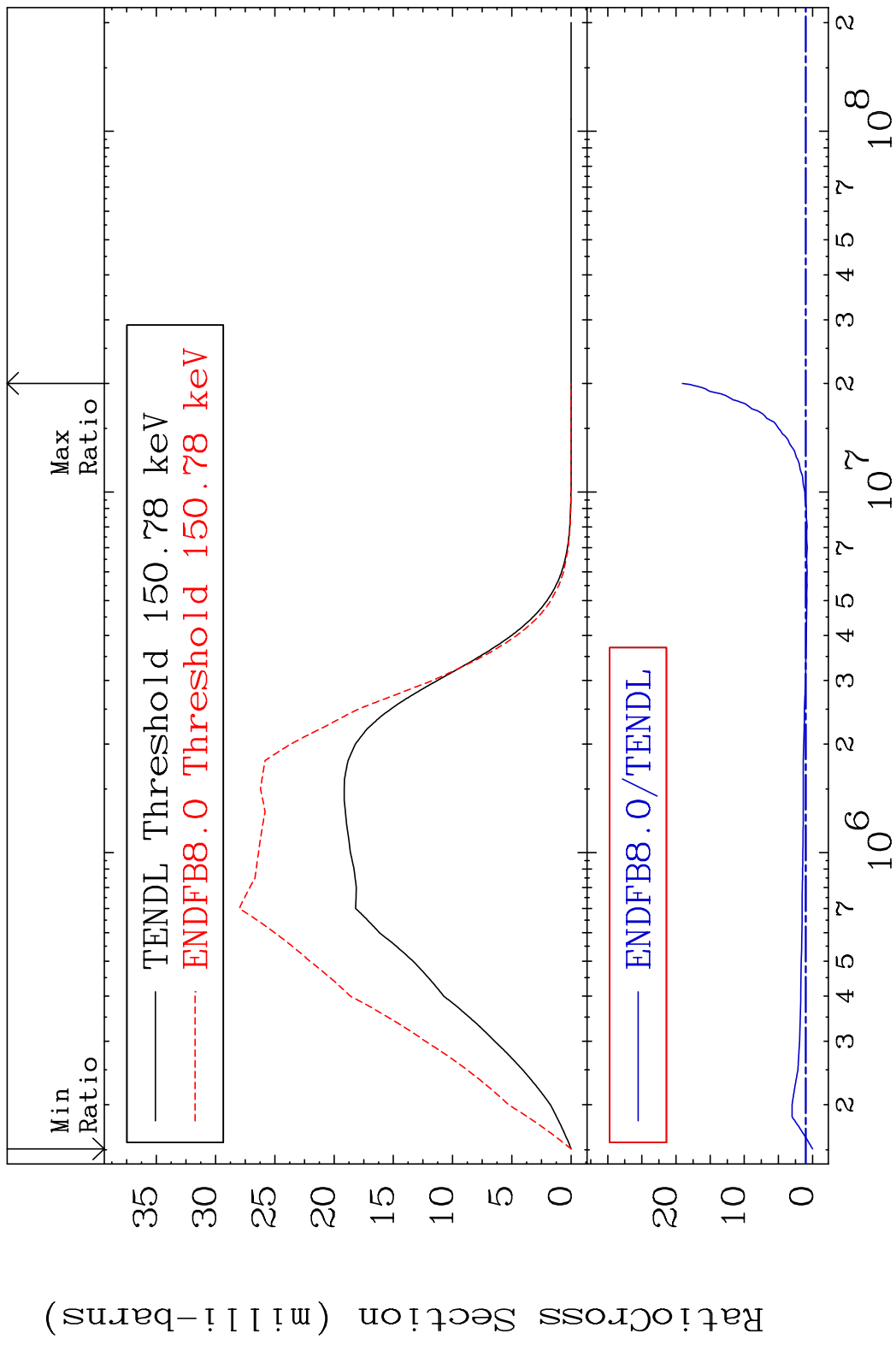
MAT 3628 MT= 51 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1812. %



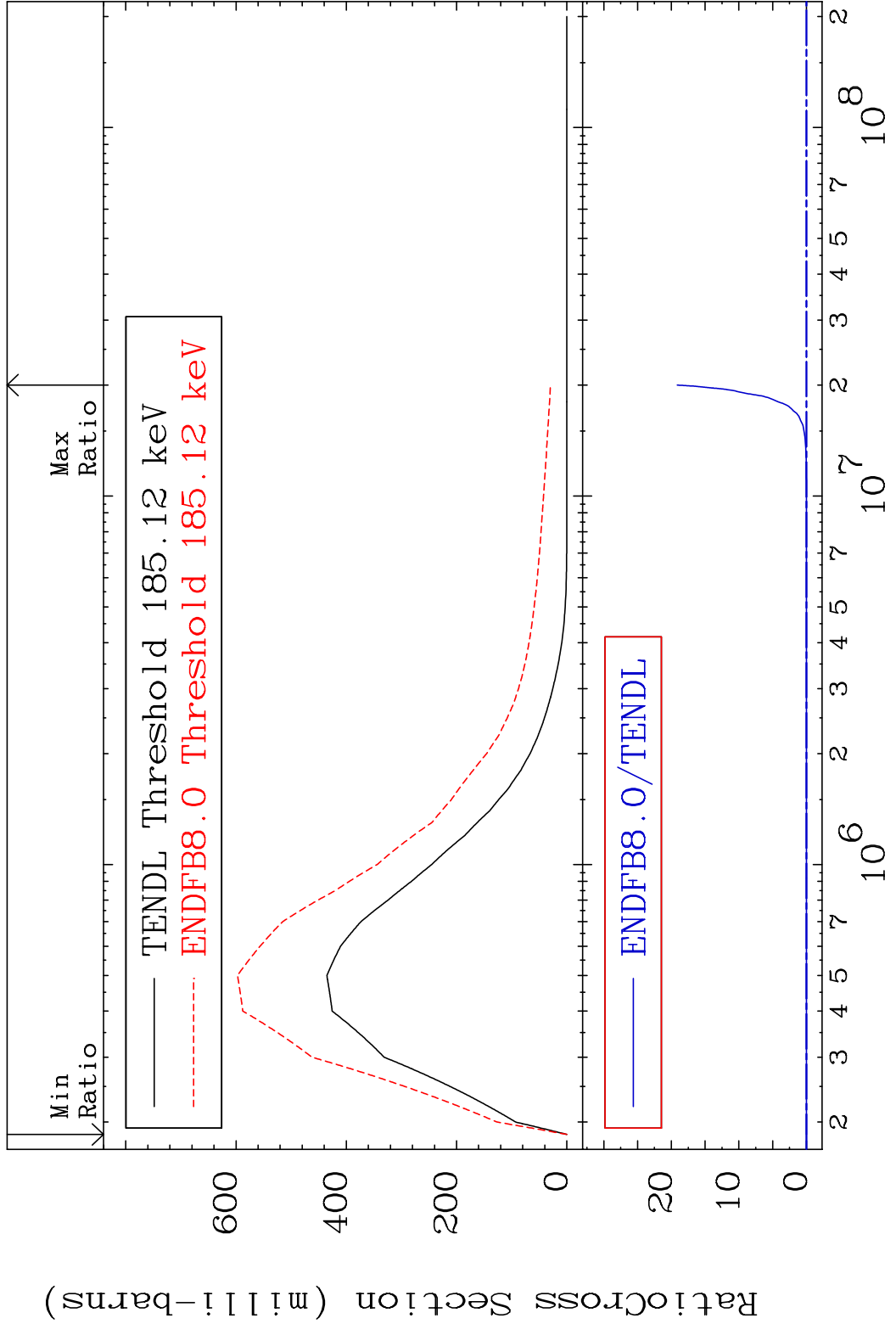
MAT 3628 MT= 52 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



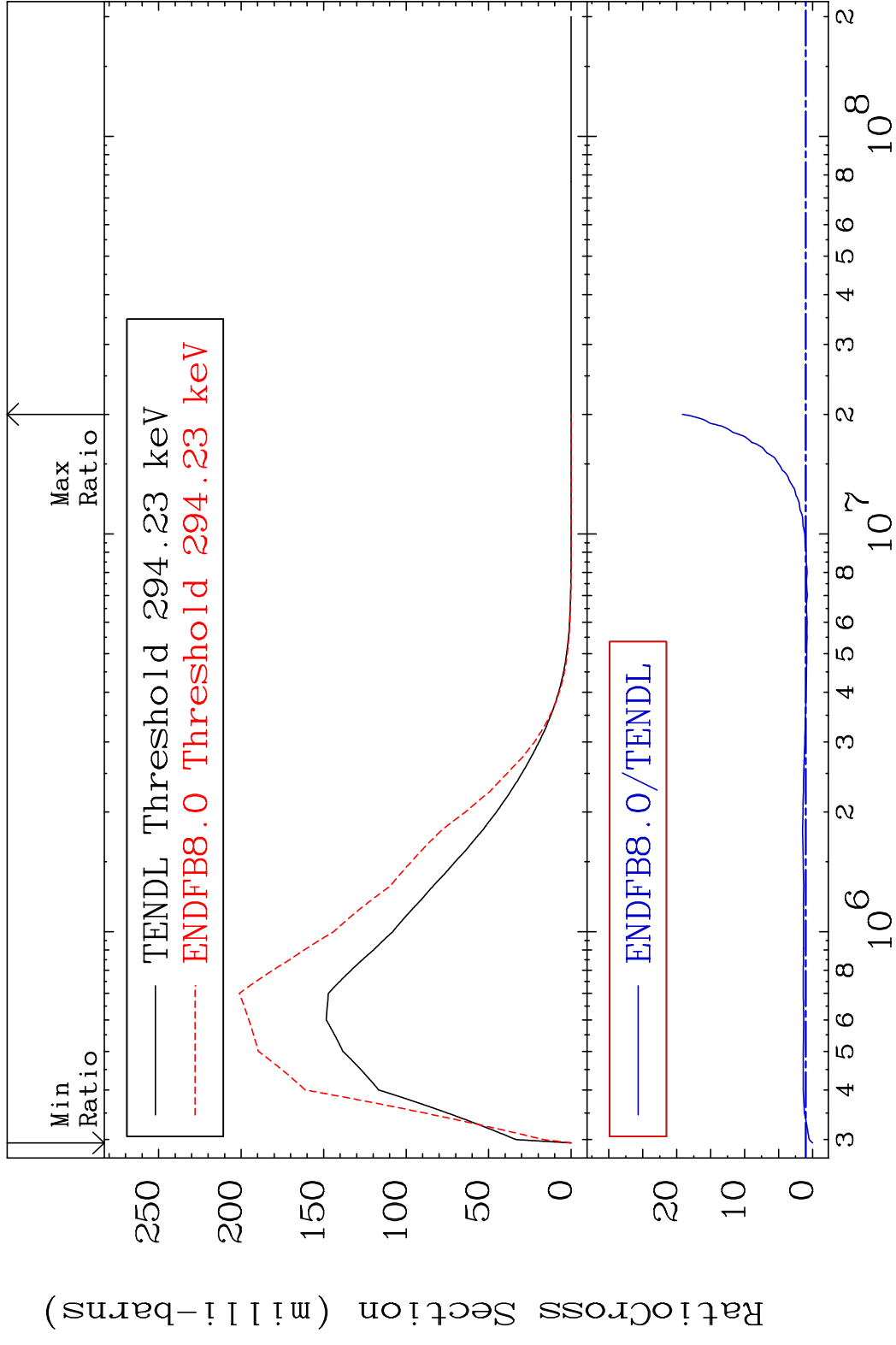
MAT 3628 MT= 53 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1807. %



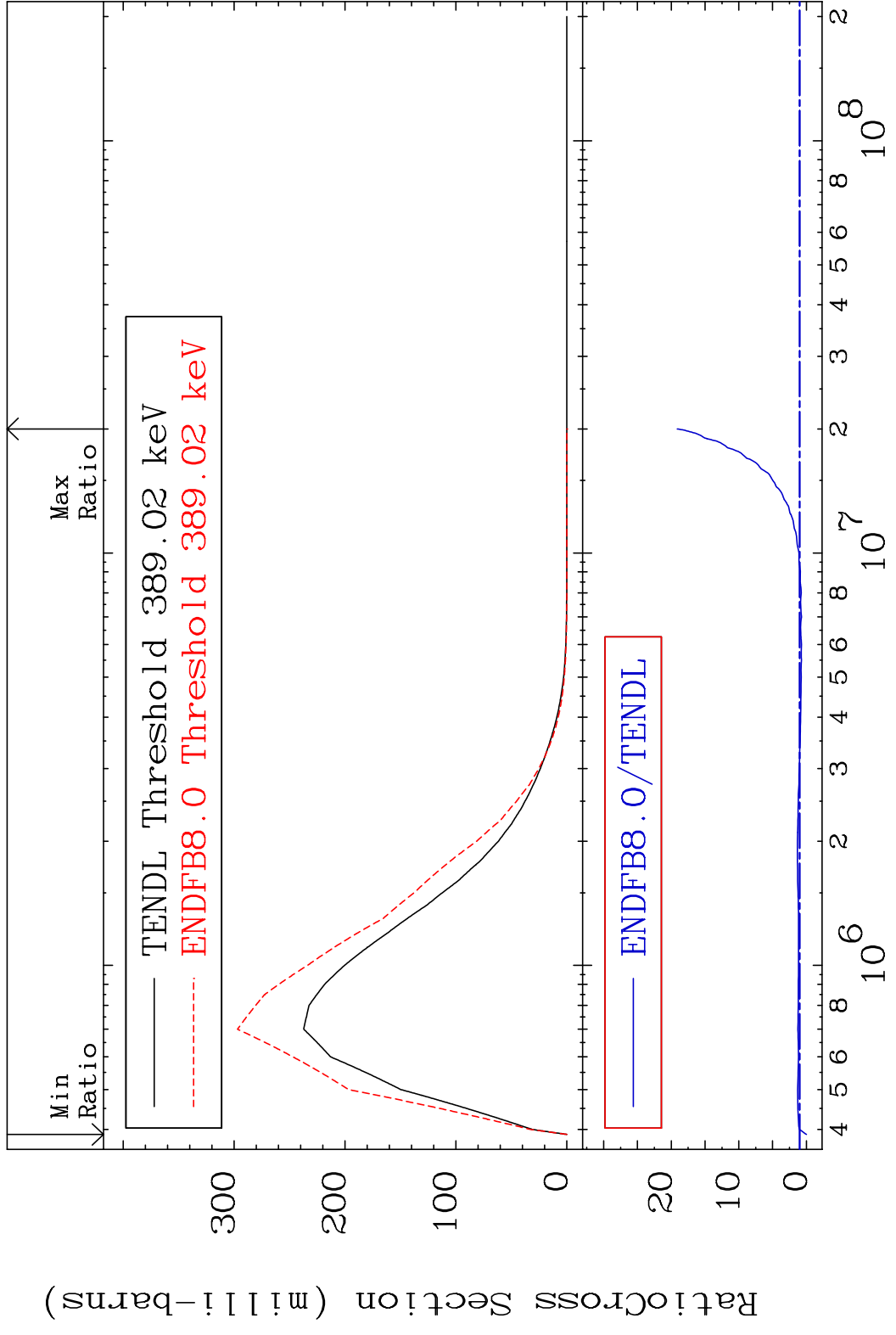
MAT 3628 MT= 54 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



MAT 3628 MT= 55 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 1817. %

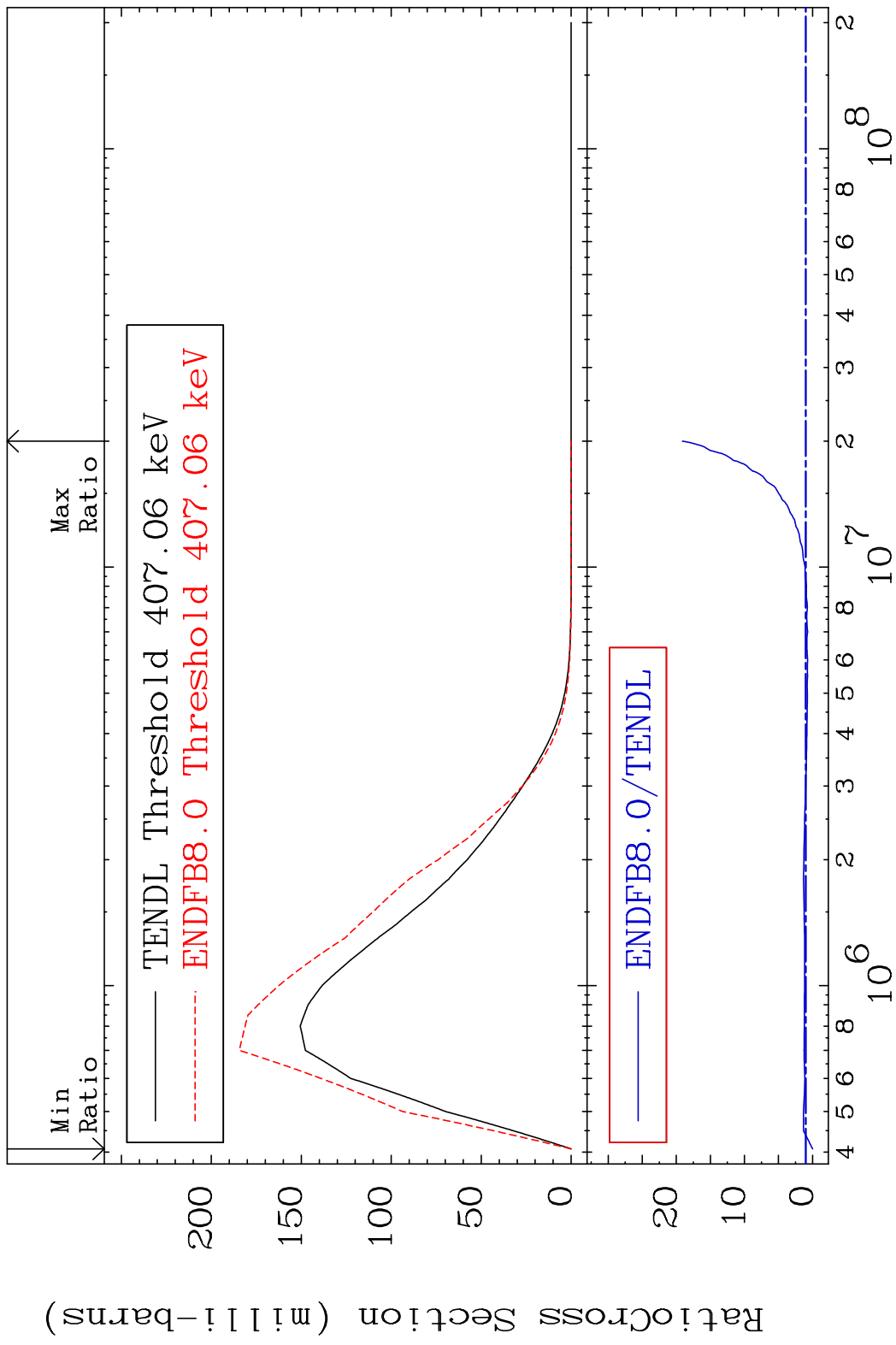


MAT 3628 MT= 56 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1812. %

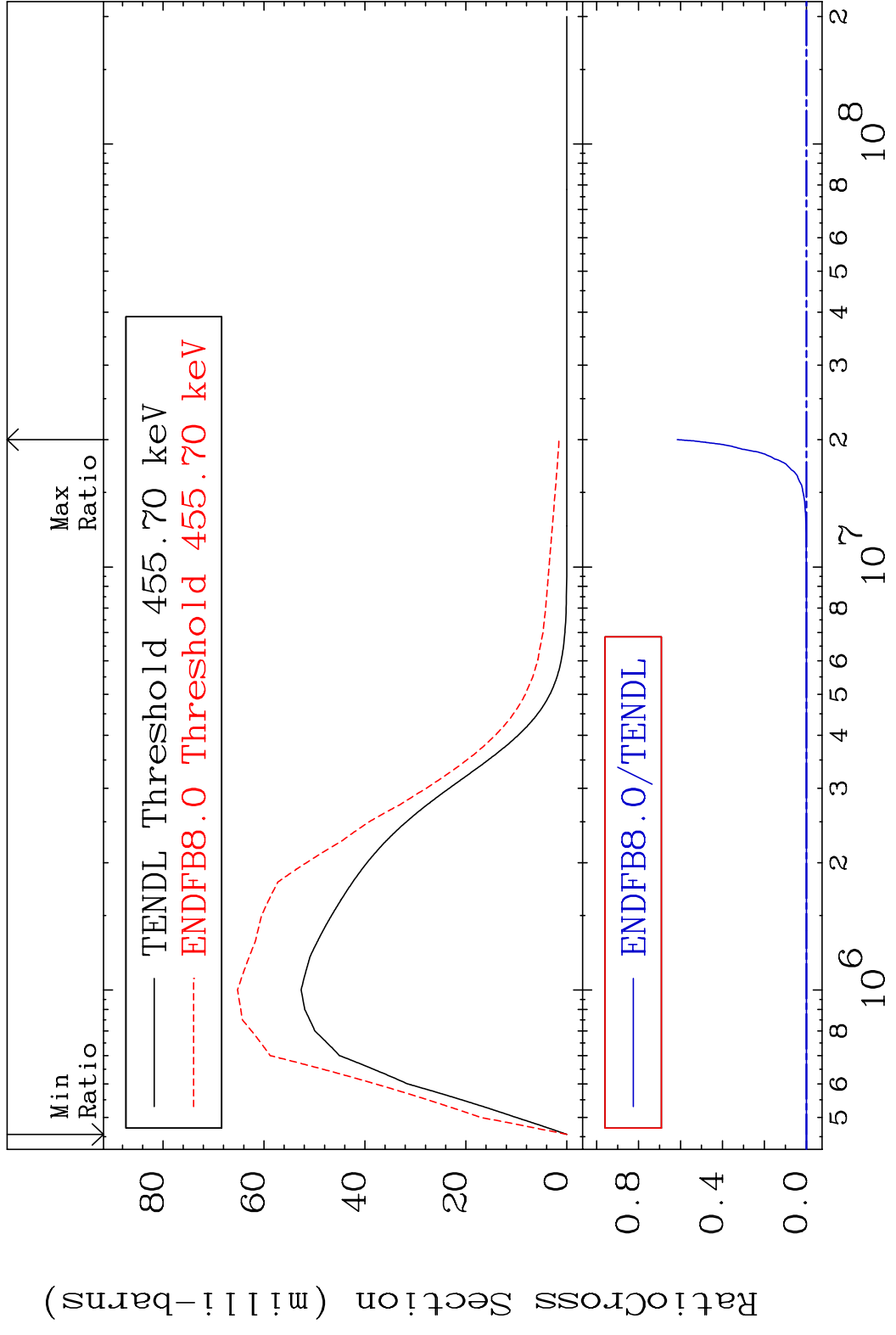


10 10 36-Kr-79

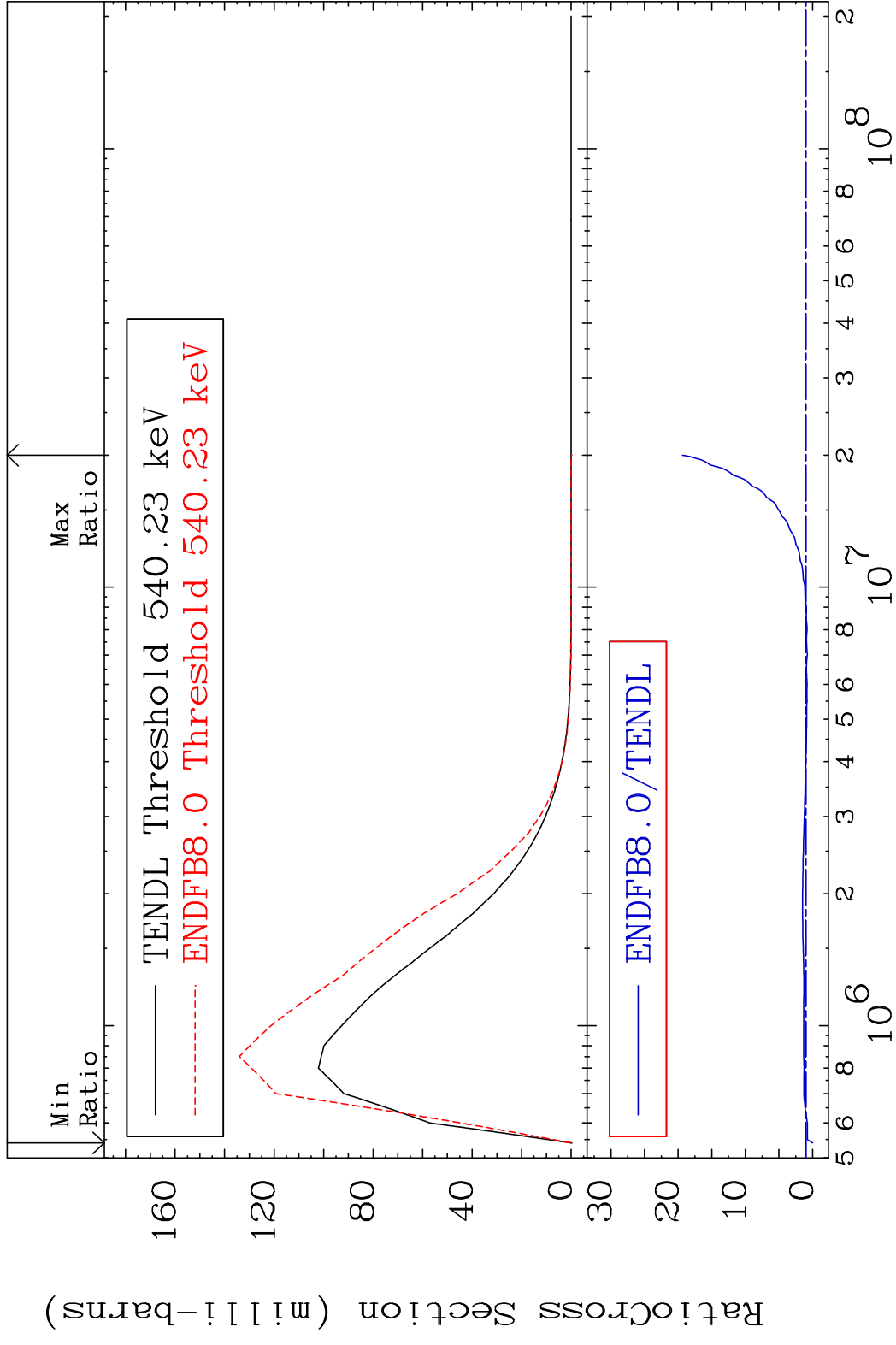
MAT 3628 MT= 57 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1811. %



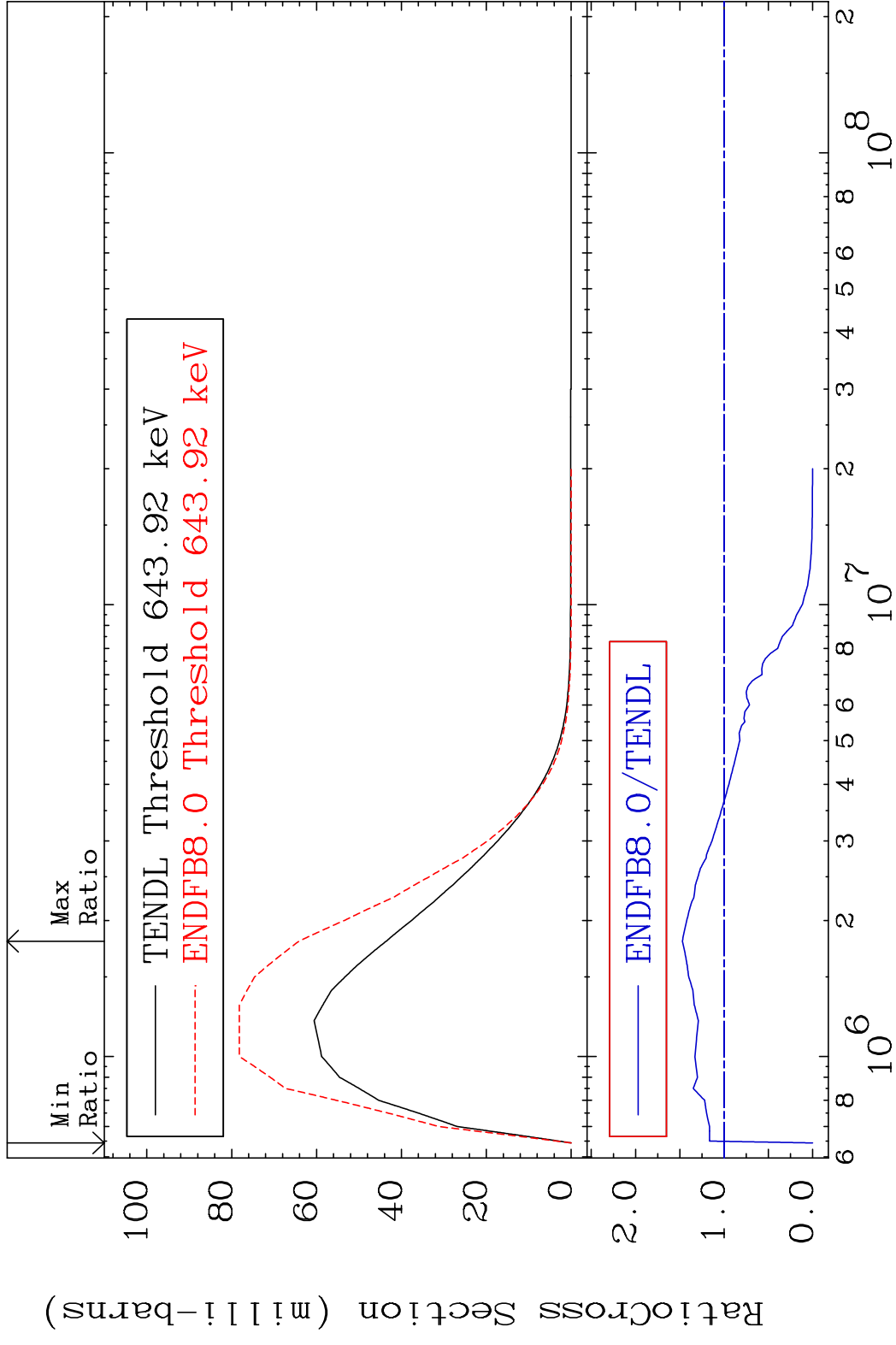
MAT 3628 MT= 58 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 9999. %



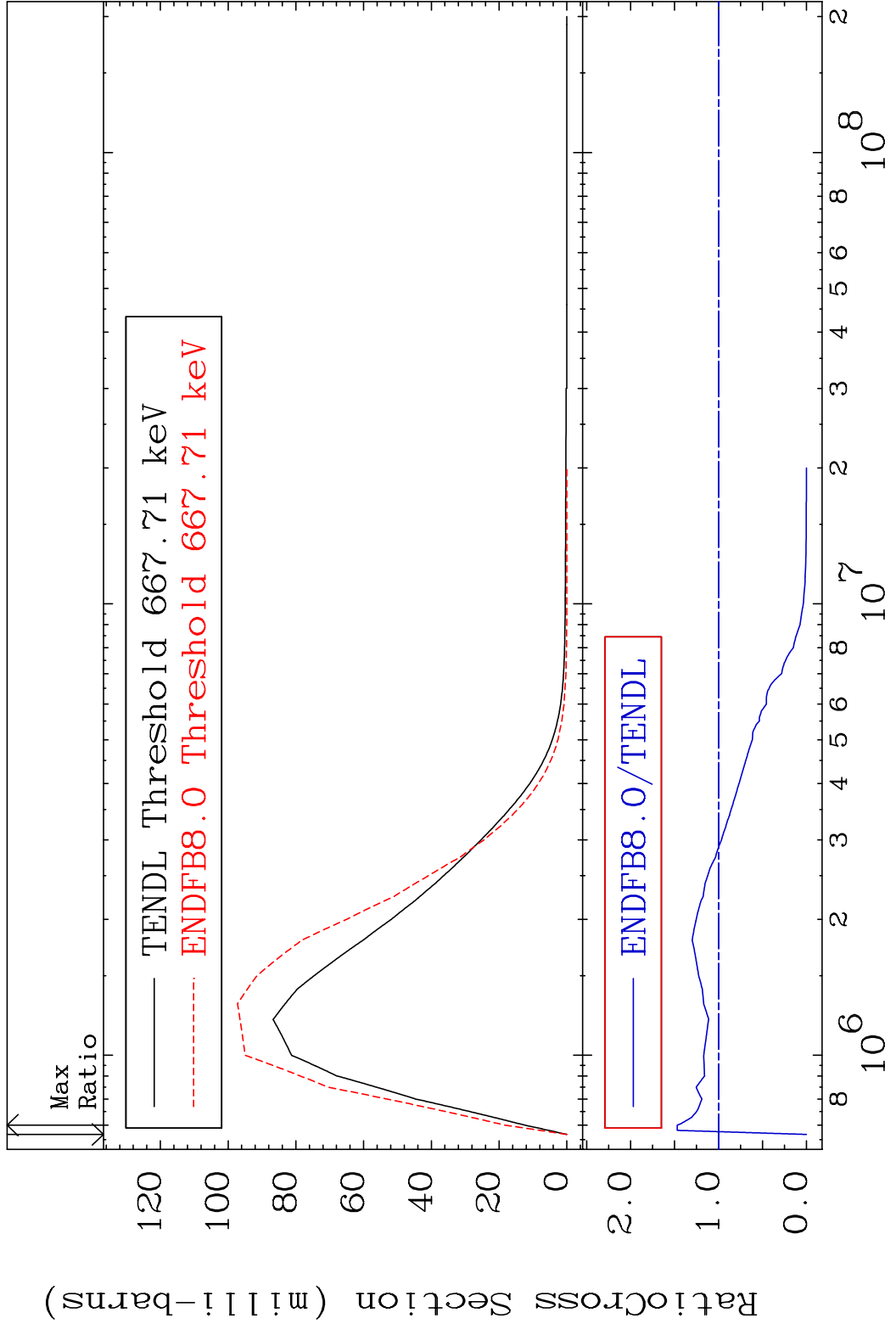
MAT 3628 MT= 59 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1837. %



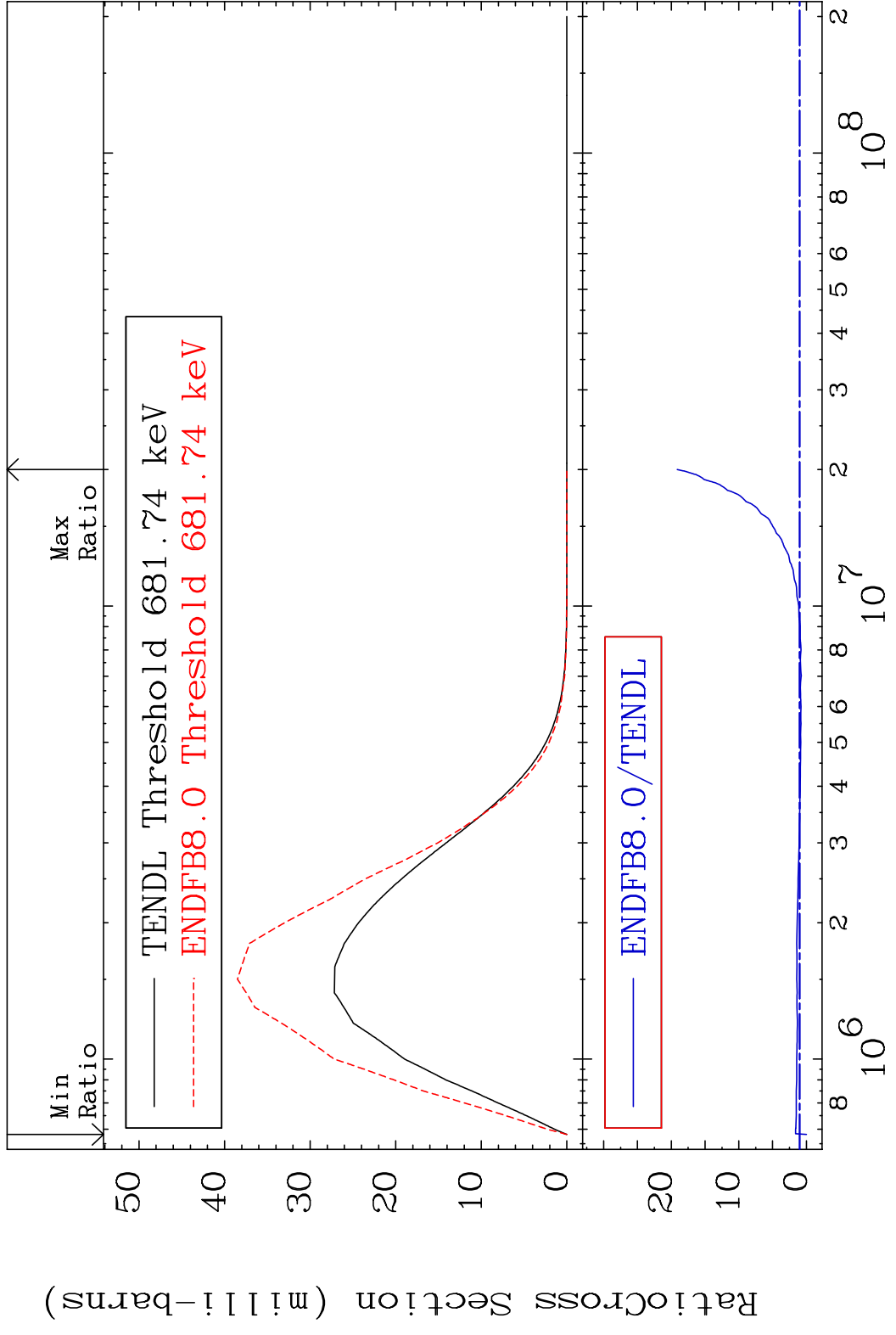
MAT 3628 MT= 60 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 47.10 %



MAT 3628 MT= 61 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 47.06 %

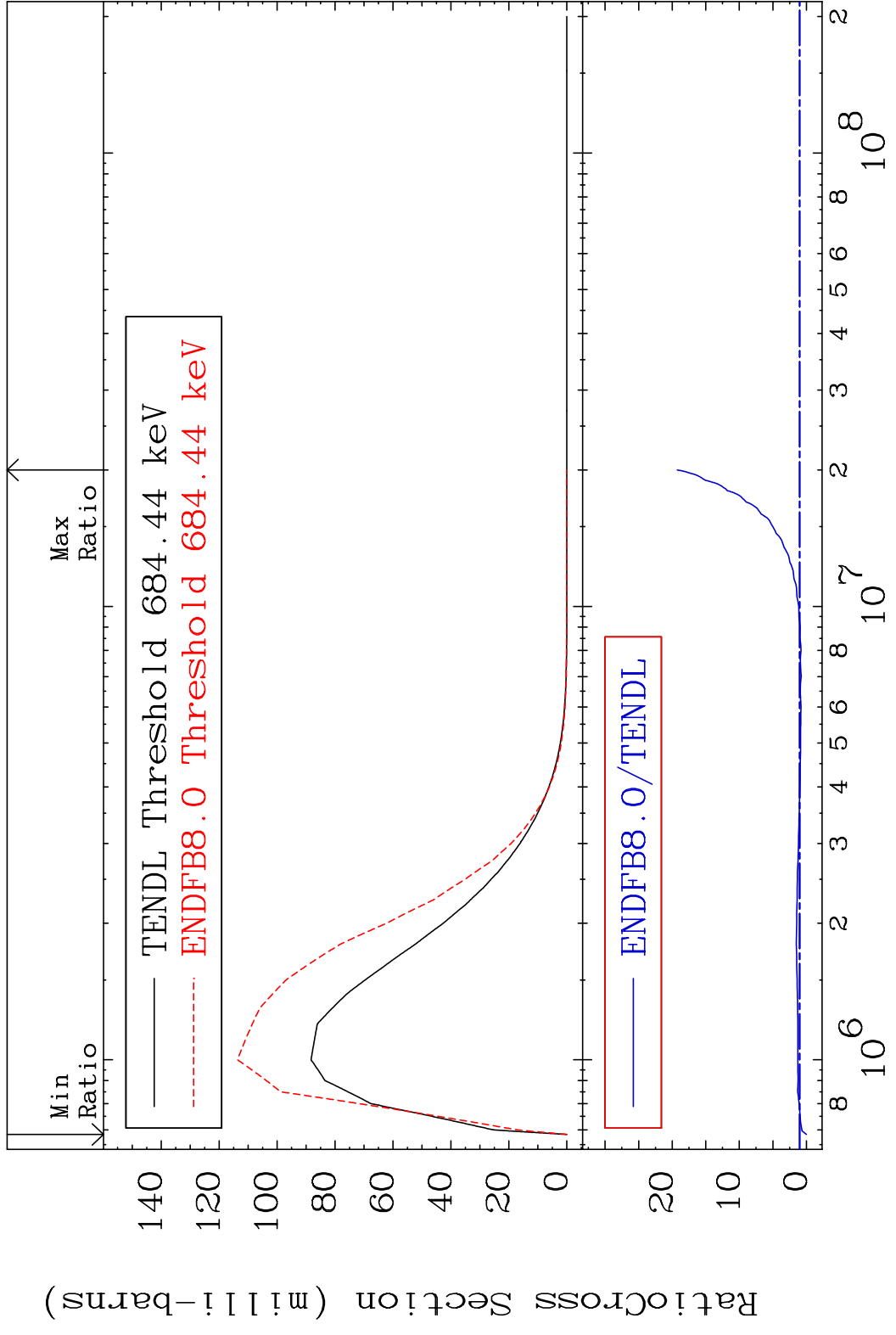


MAT 3628 MT= 62 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1812. %

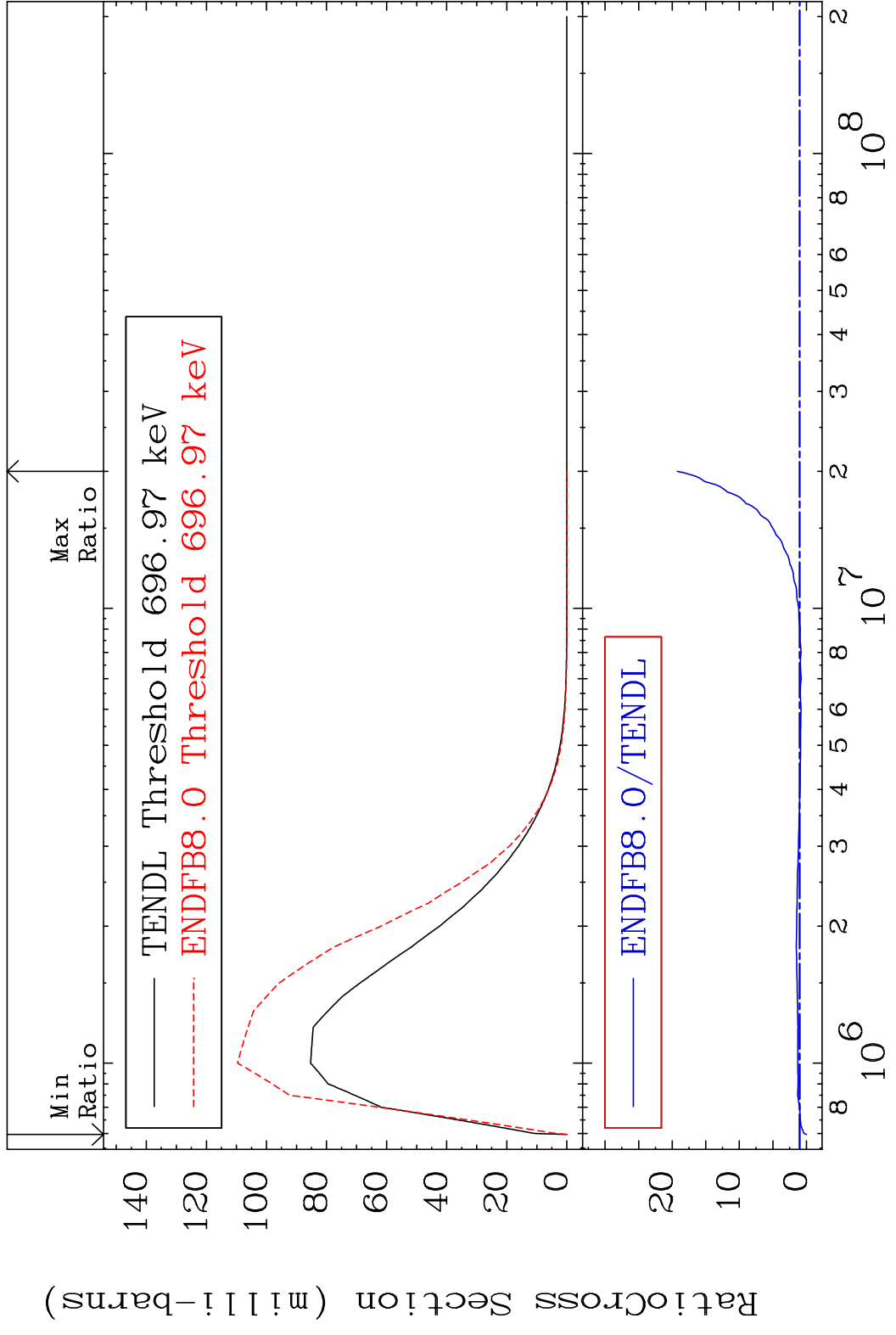


16 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 63 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1826. %

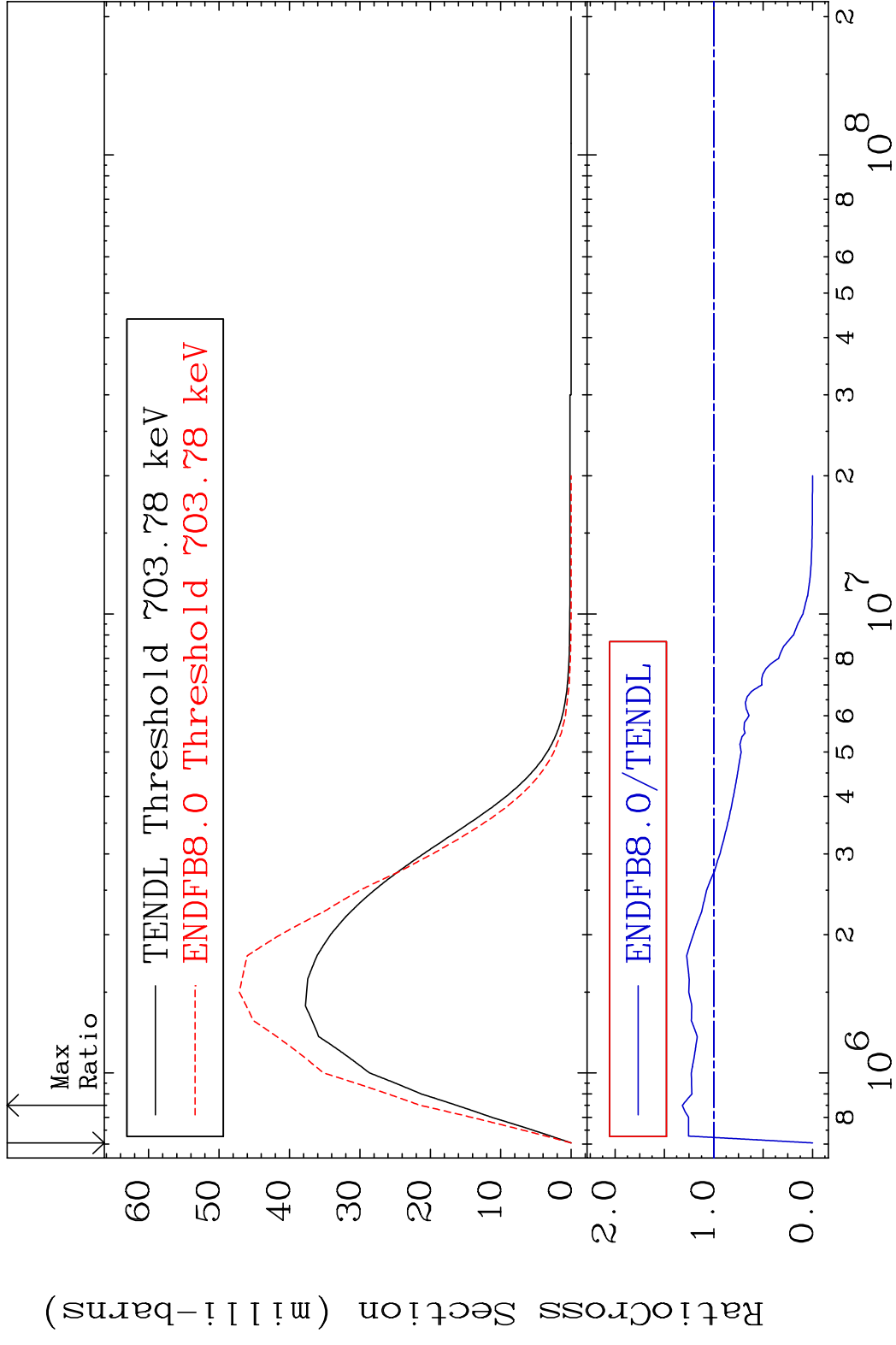


MAT 3628 MT= 64 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1826. %

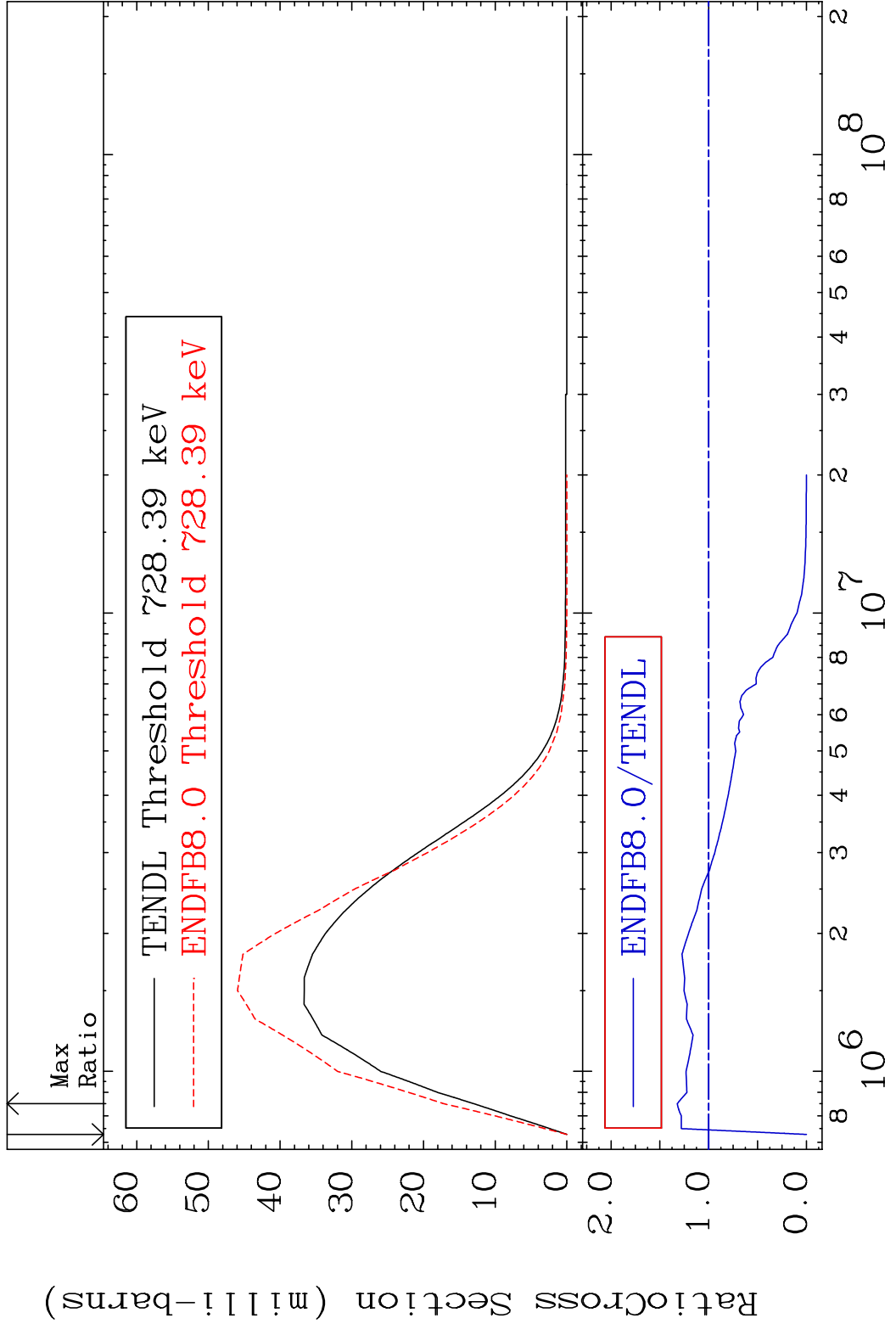


18 36-Kr-79

MAT 3628 MT= 65 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 31.81 %

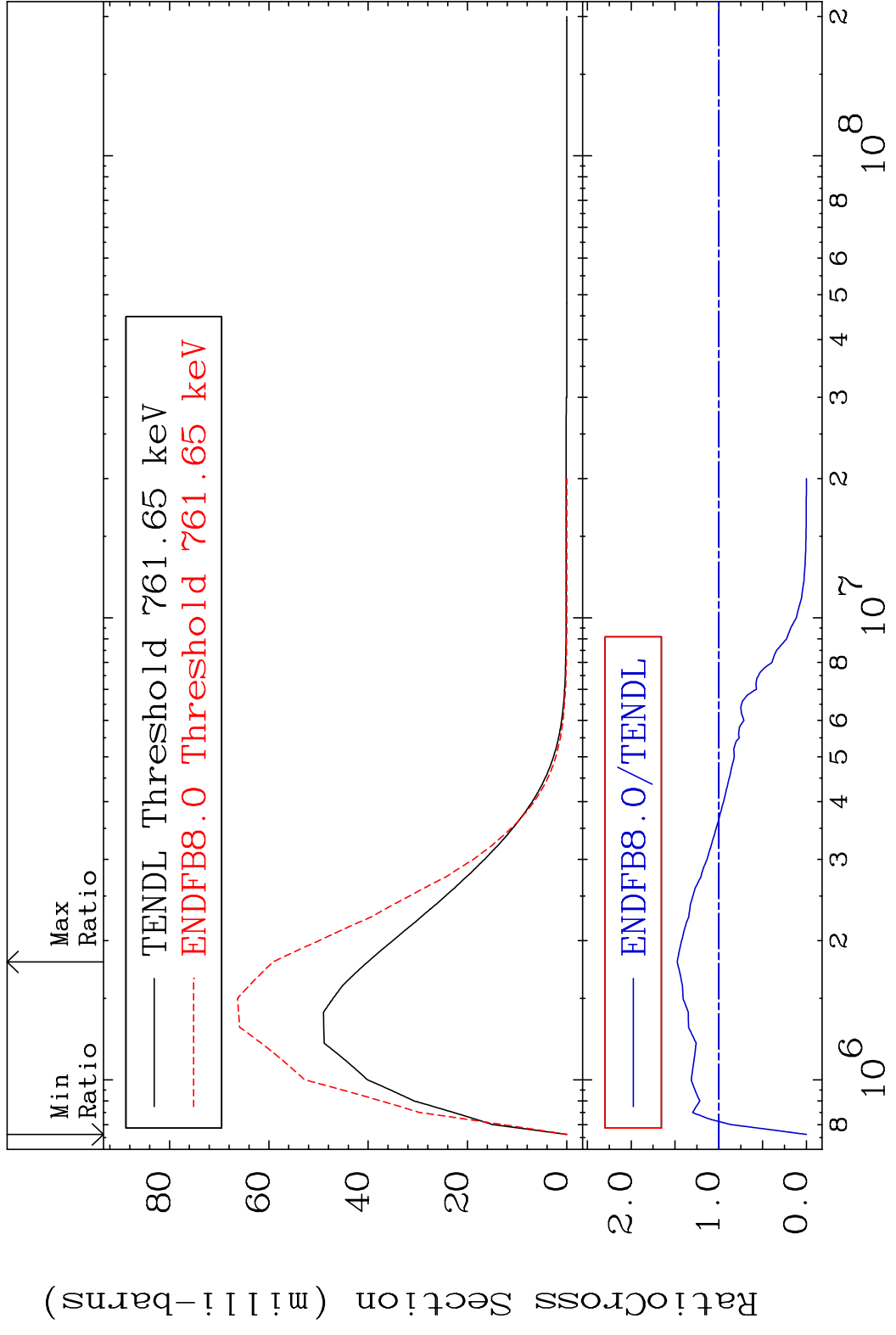


MAT 3628 MT= 66 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 32.28 %

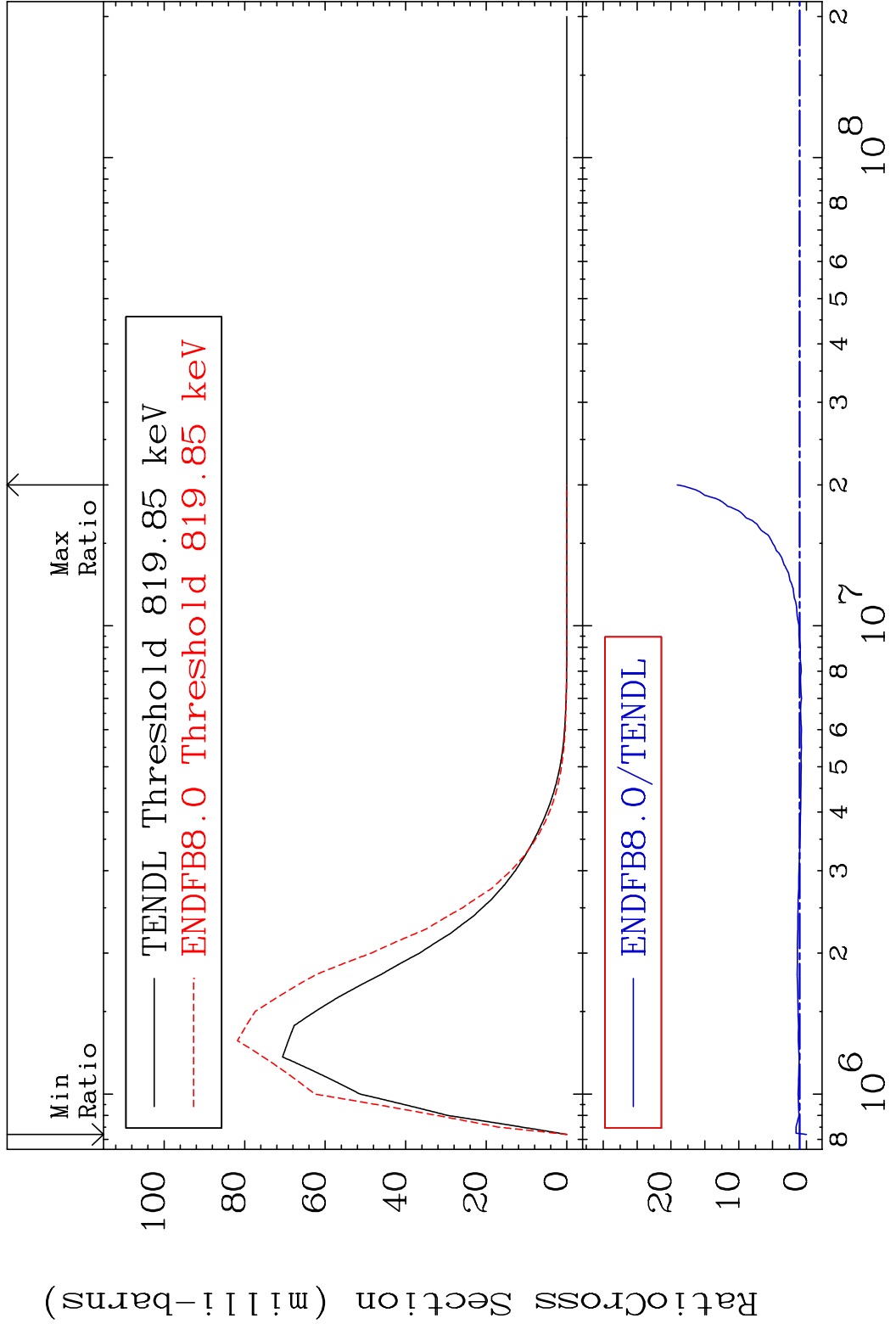


20 Incident Energy (eV) 36-Kr-79

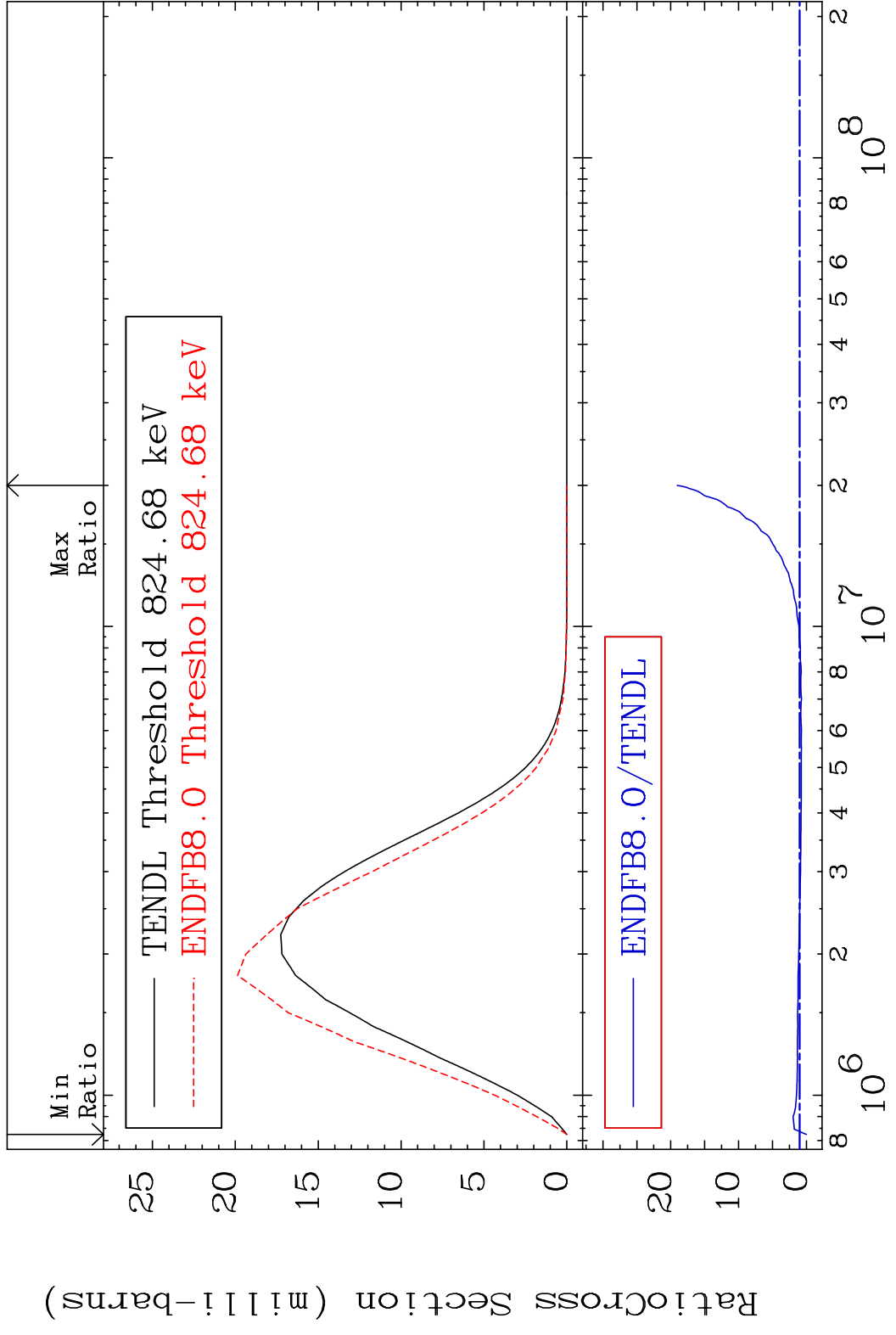
MAT 3628 MT= 67 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 47.52 %



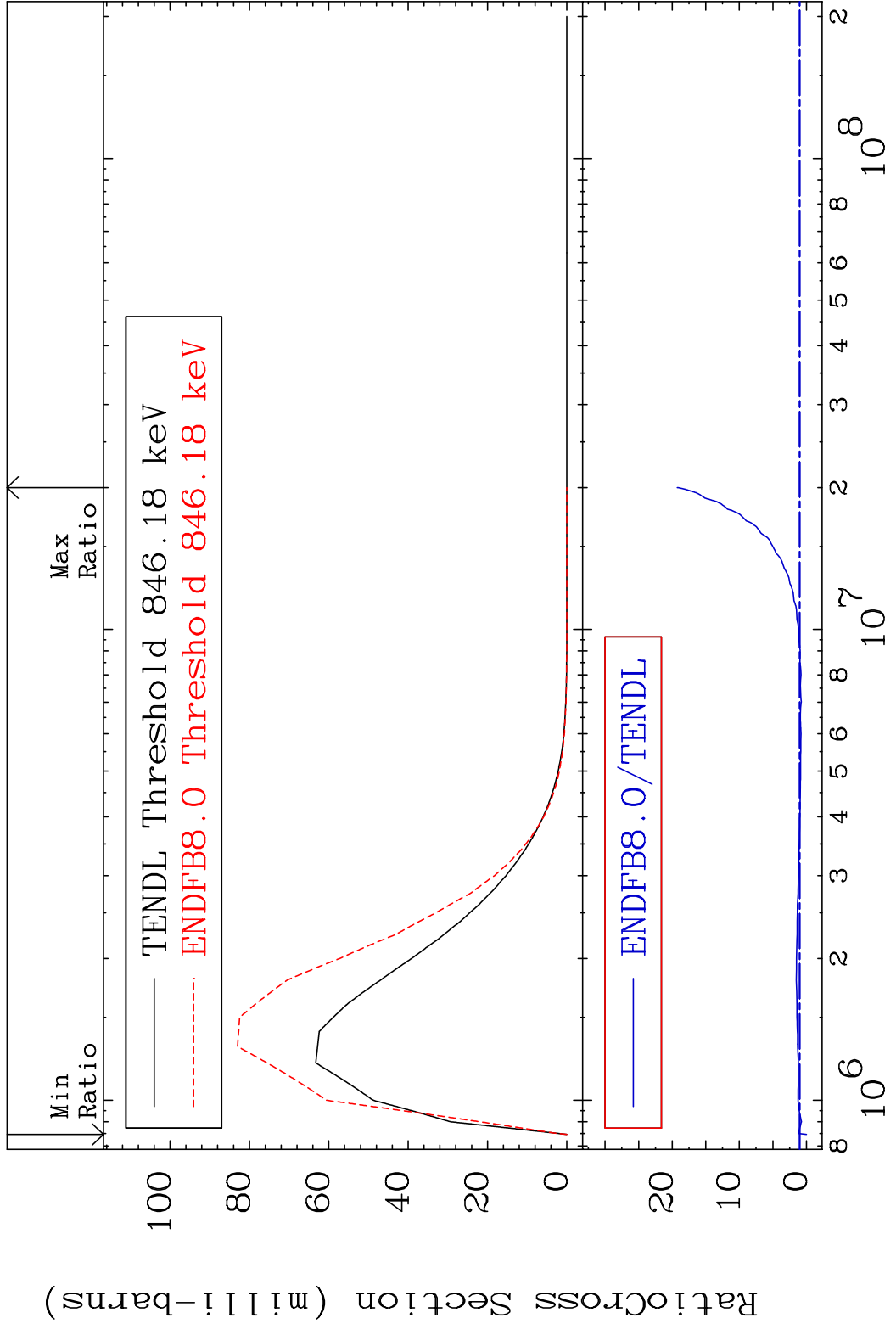
MAT 3628 MT= 68 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1808. %



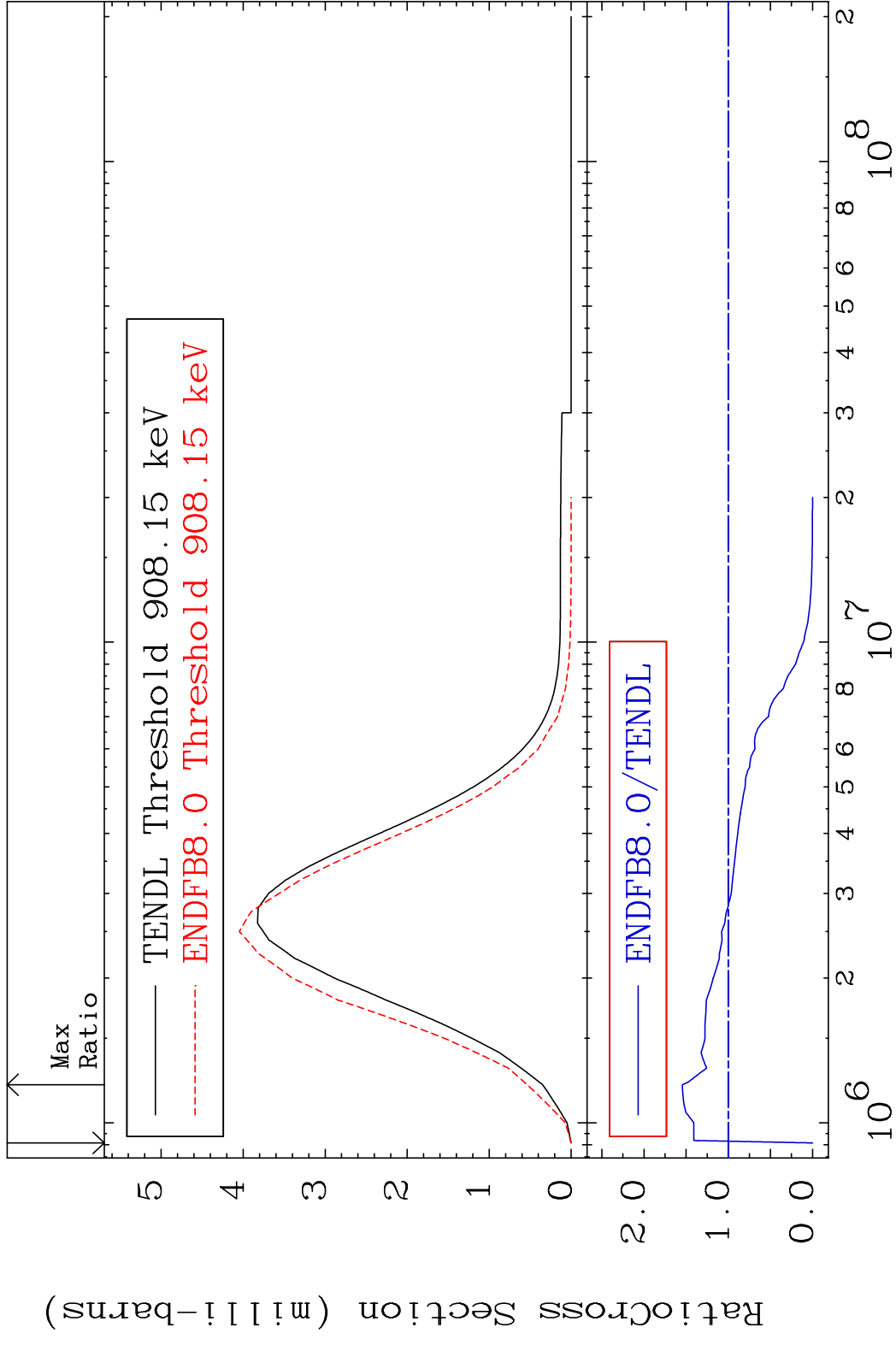
MAT 3628 MT= 69 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1805. %



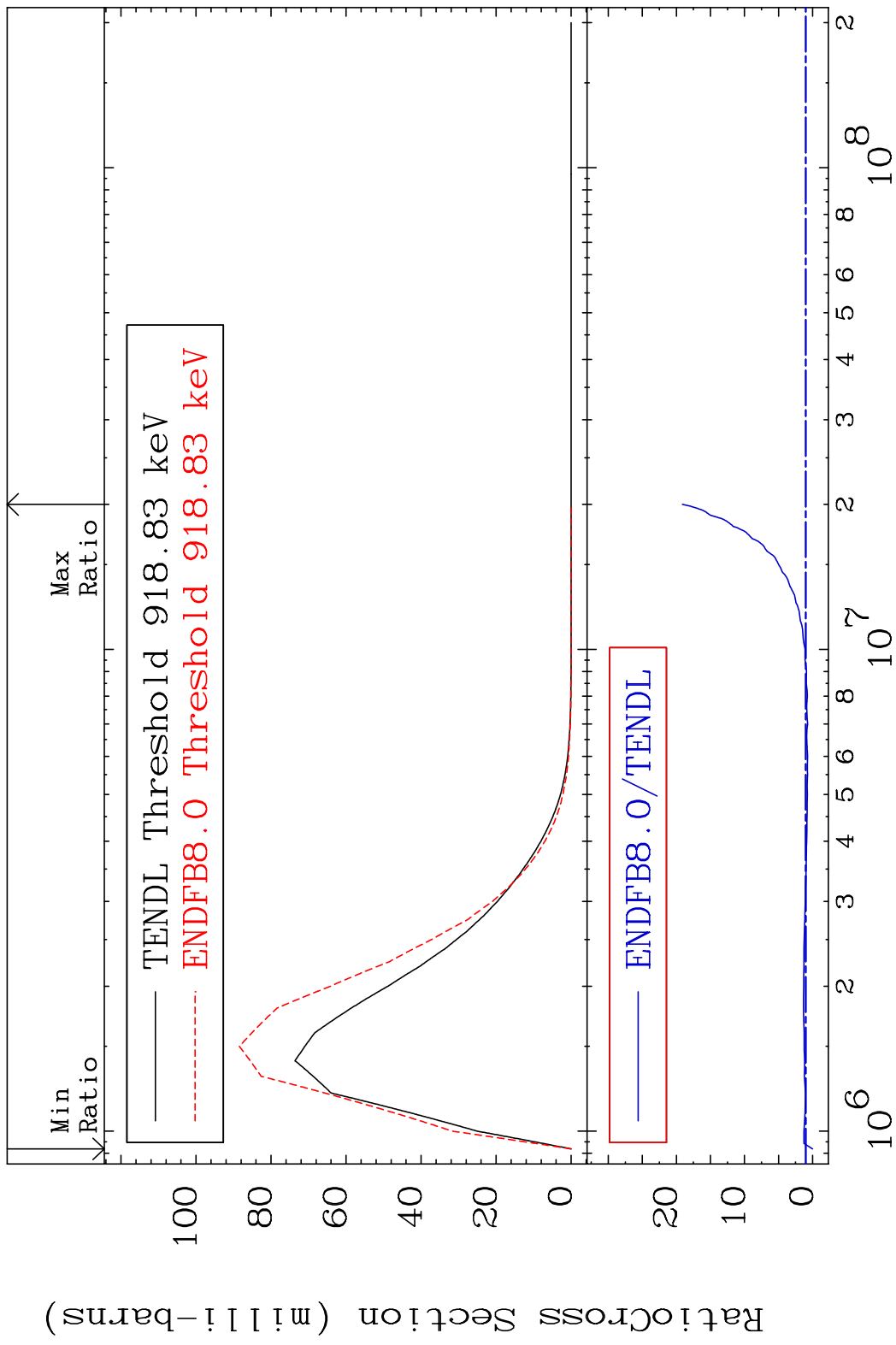
MAT 3628 MT= 70 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1826. %



MAT 3628 MT= 71 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 54.46 %

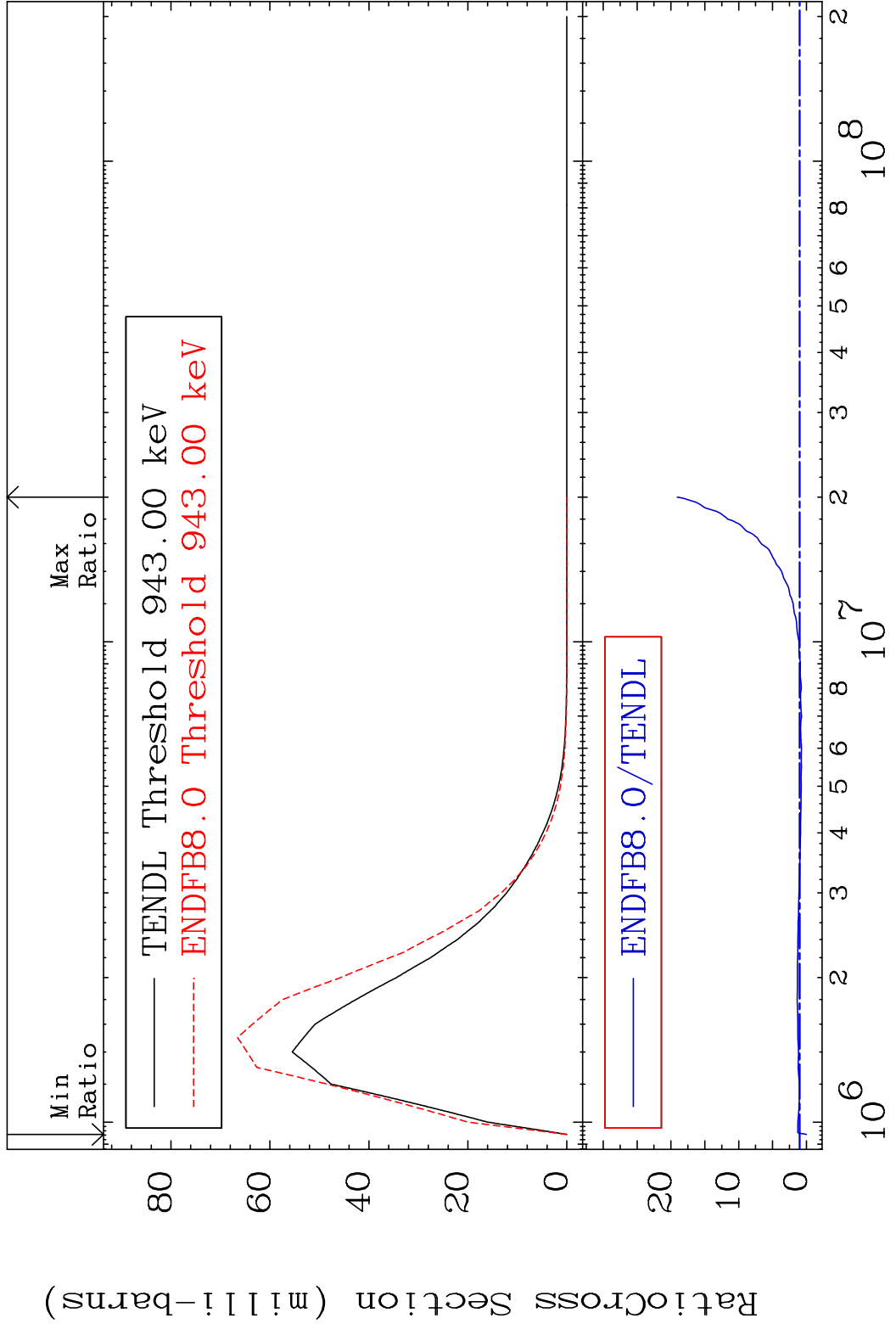


MAT 3628 MT= 72 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1812. %



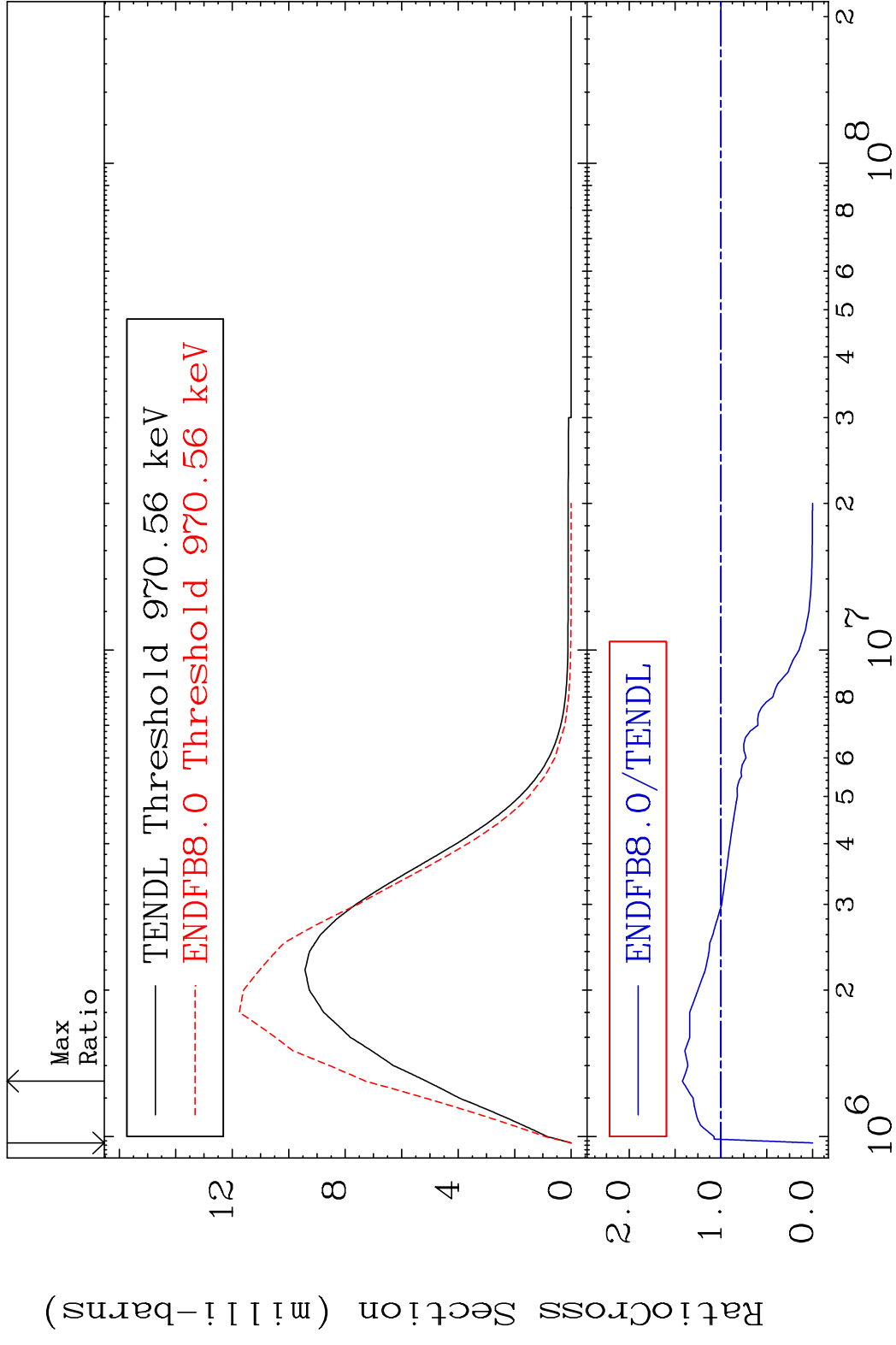
26 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 73 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1808. %



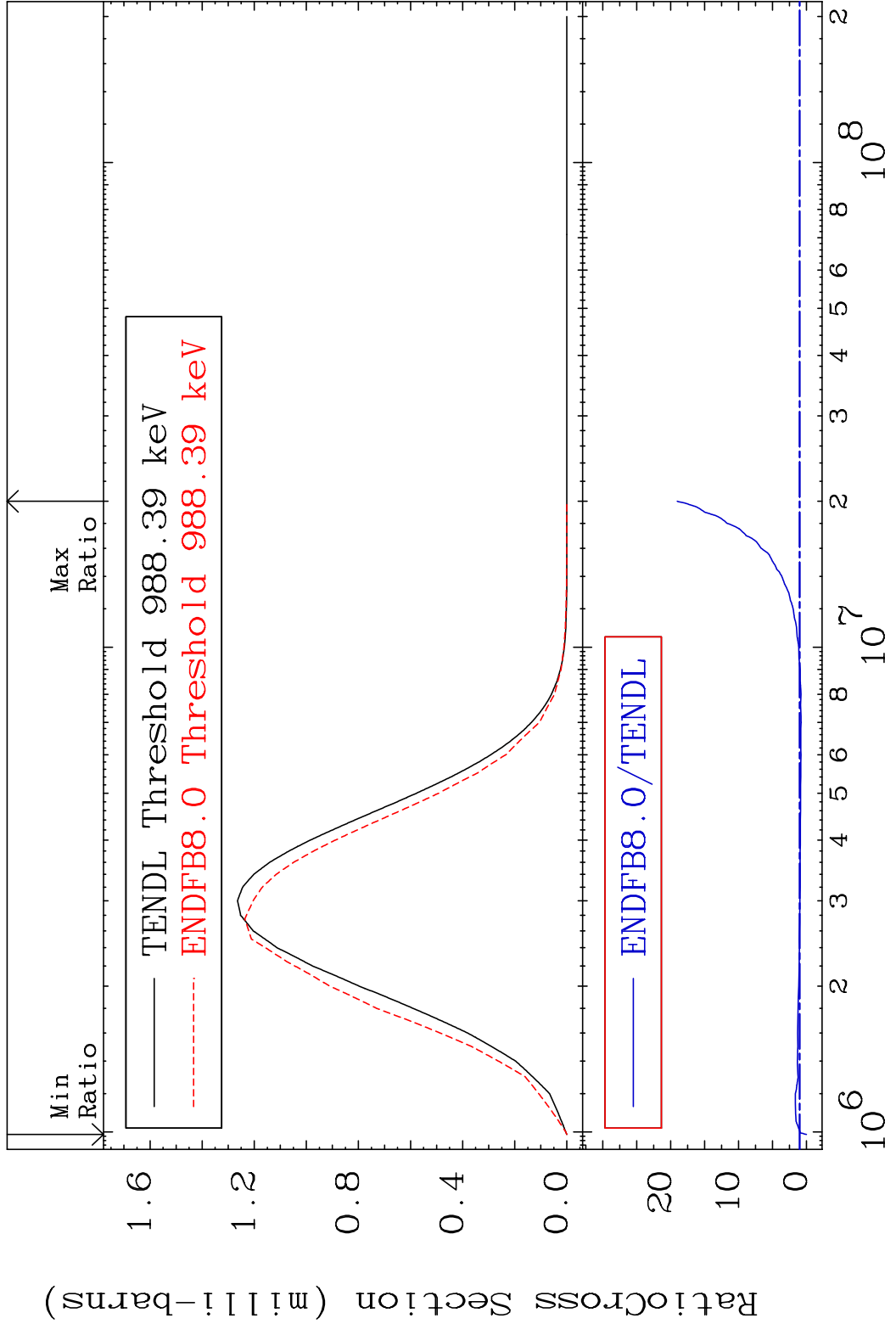
27 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 74 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 42.07 %



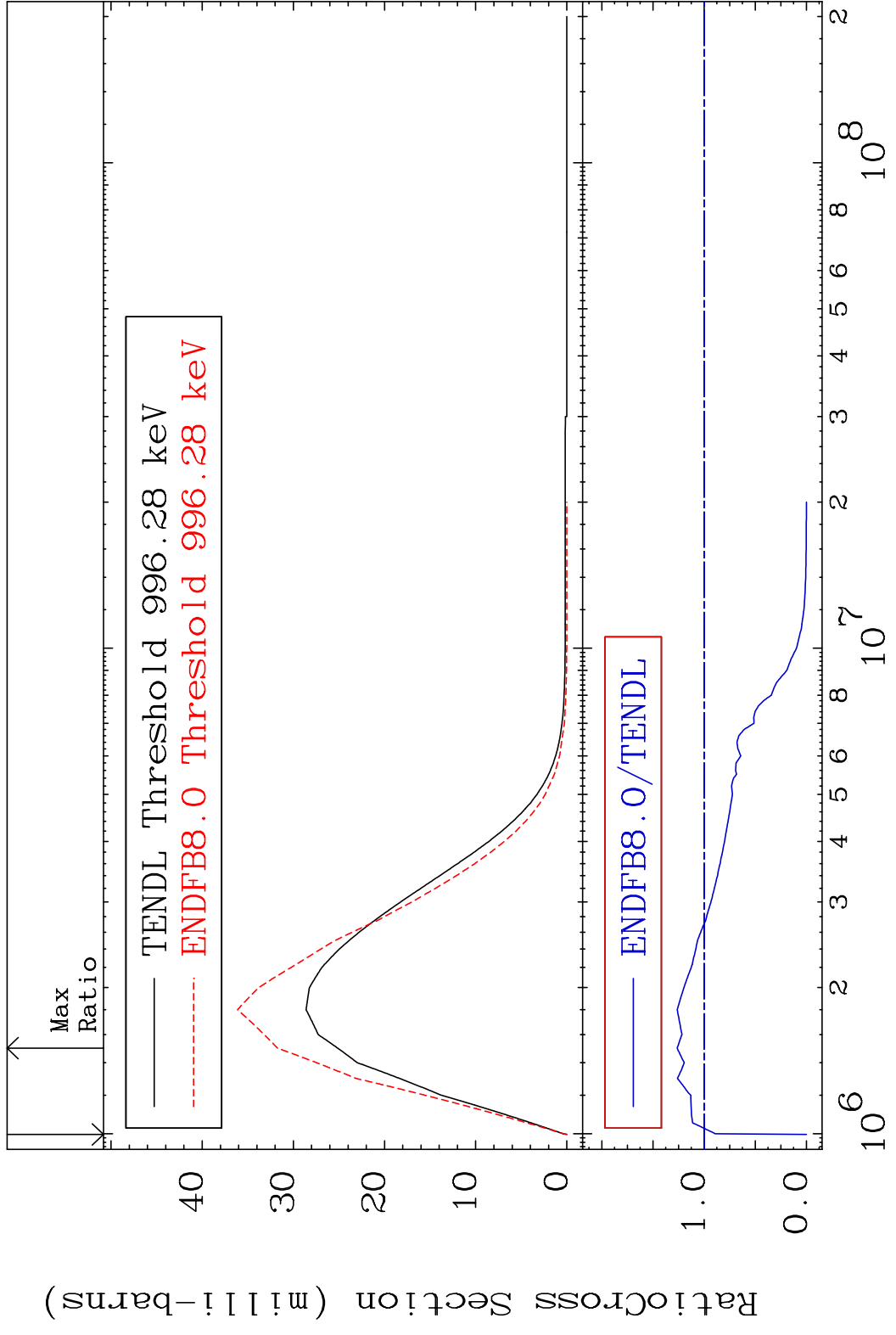
28 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 75 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 1803. %



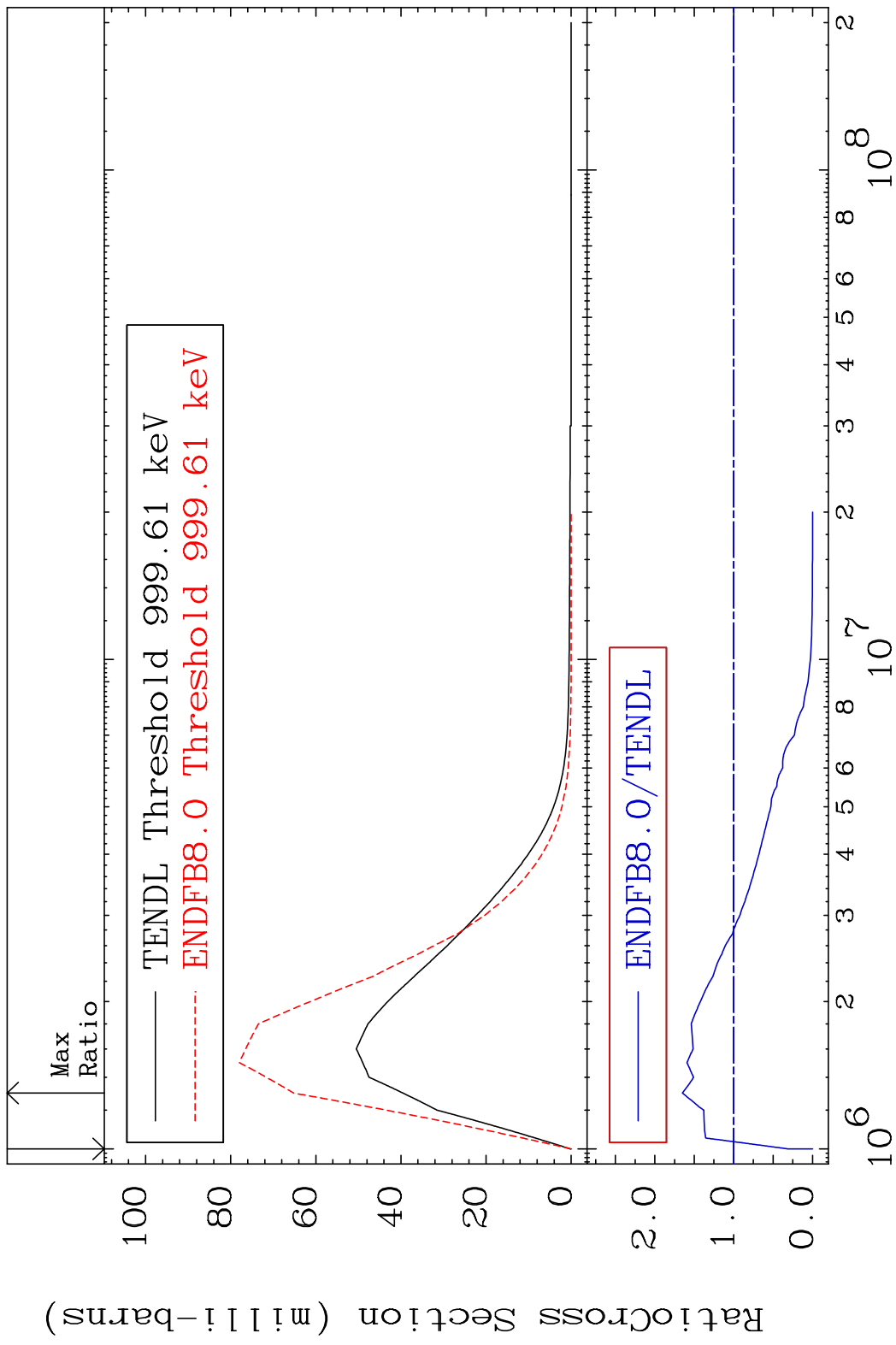
29 Incident Energy (eV) 36-Kr-79

MAT 3628 MT= 76 (n,n') Level 36-Kr-79
 Cross Section -100.0 To 26.30 %



30 Incident Energy (eV) 36-Kr-79

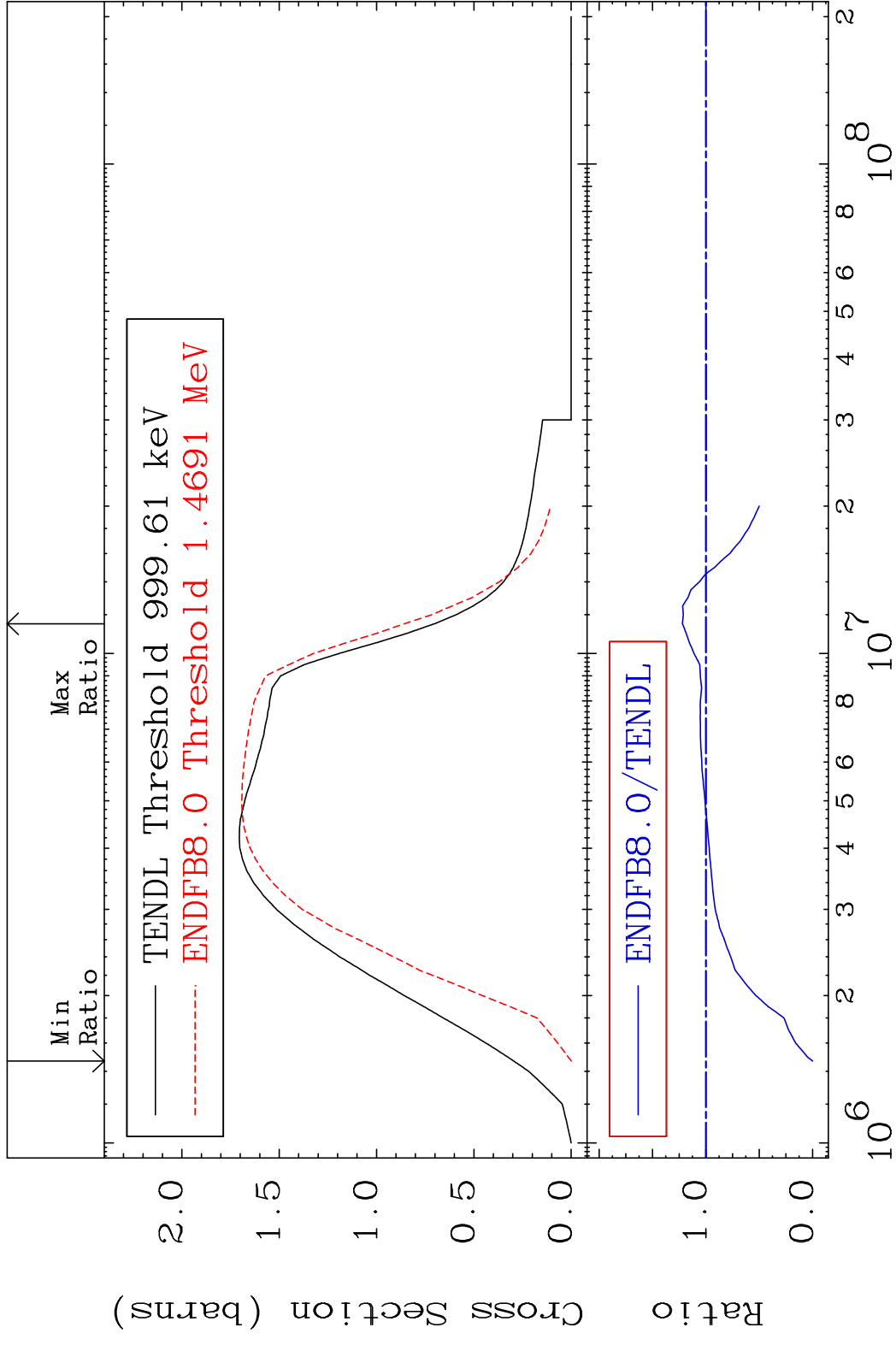
MAT 3628 MT= 77 (n, n') Level 36-Kr-79
 Cross Section -100.0 To 65.09 %



31 Incident Energy (eV) 36-Kr-79

MAT 3628

(n,n') Continuum
Cross Section -100.0 To 22.01 %
36-Kr-79



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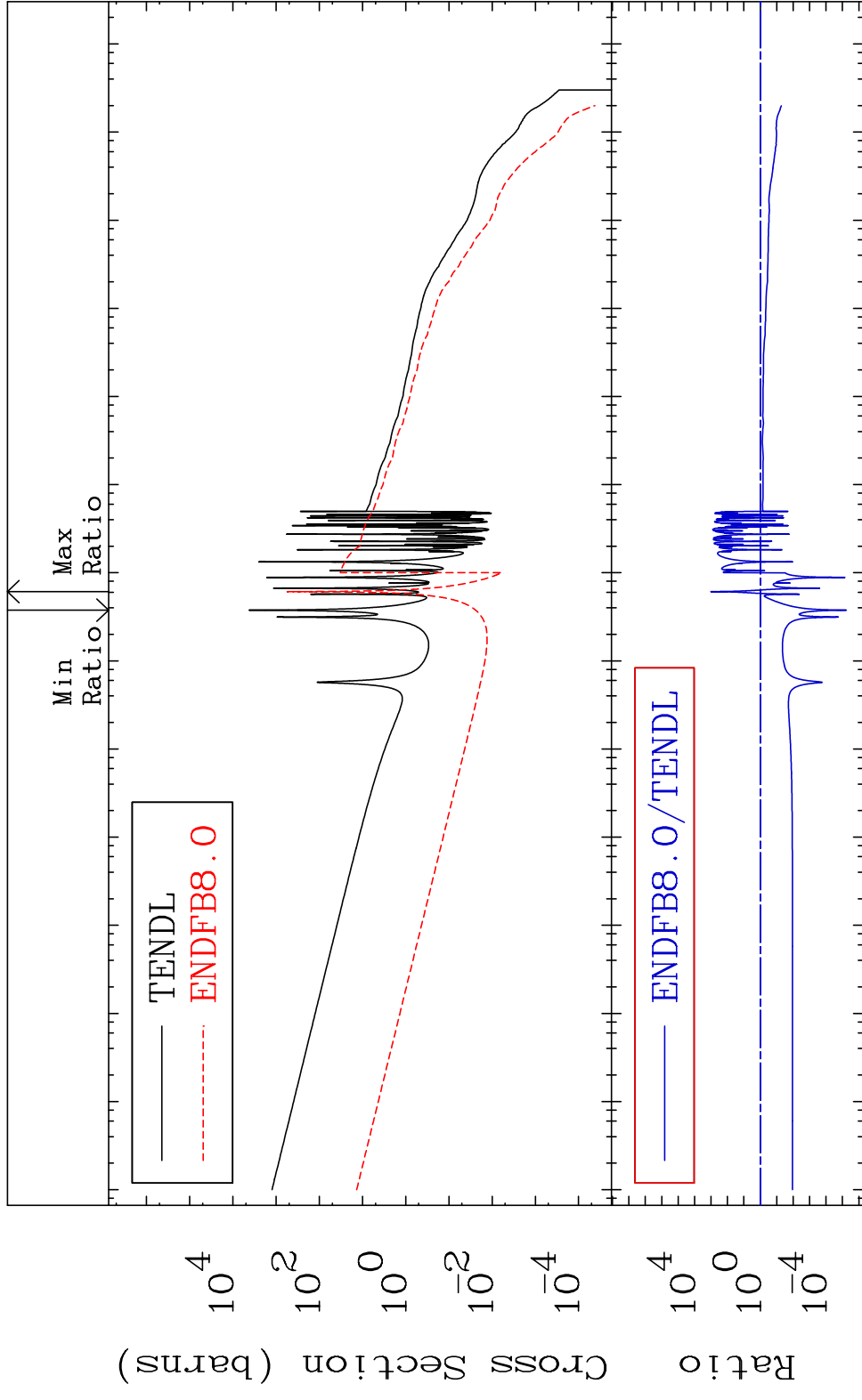
Incident Energy (eV)

36-Kr-79

MAT 3628

(n, γ)
Cross Section -100.0 To 9999. %

36-Kr-79



33

Incident Energy (eV)

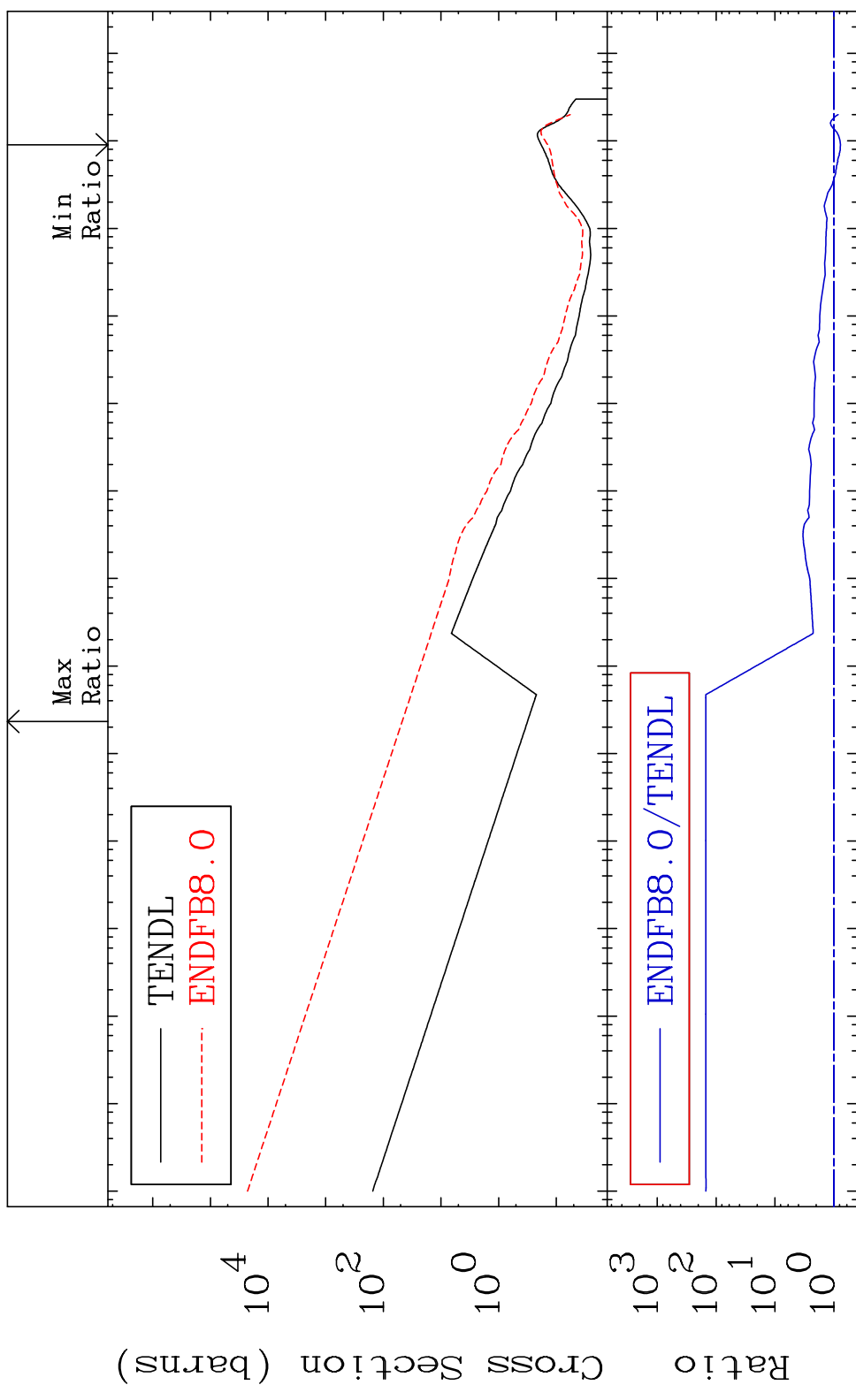
36-Kr-79

MAT 3628

(n, p)

36-Kr-79

Cross Section -22.75 To 9999. %



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

34

Incident Energy (eV)

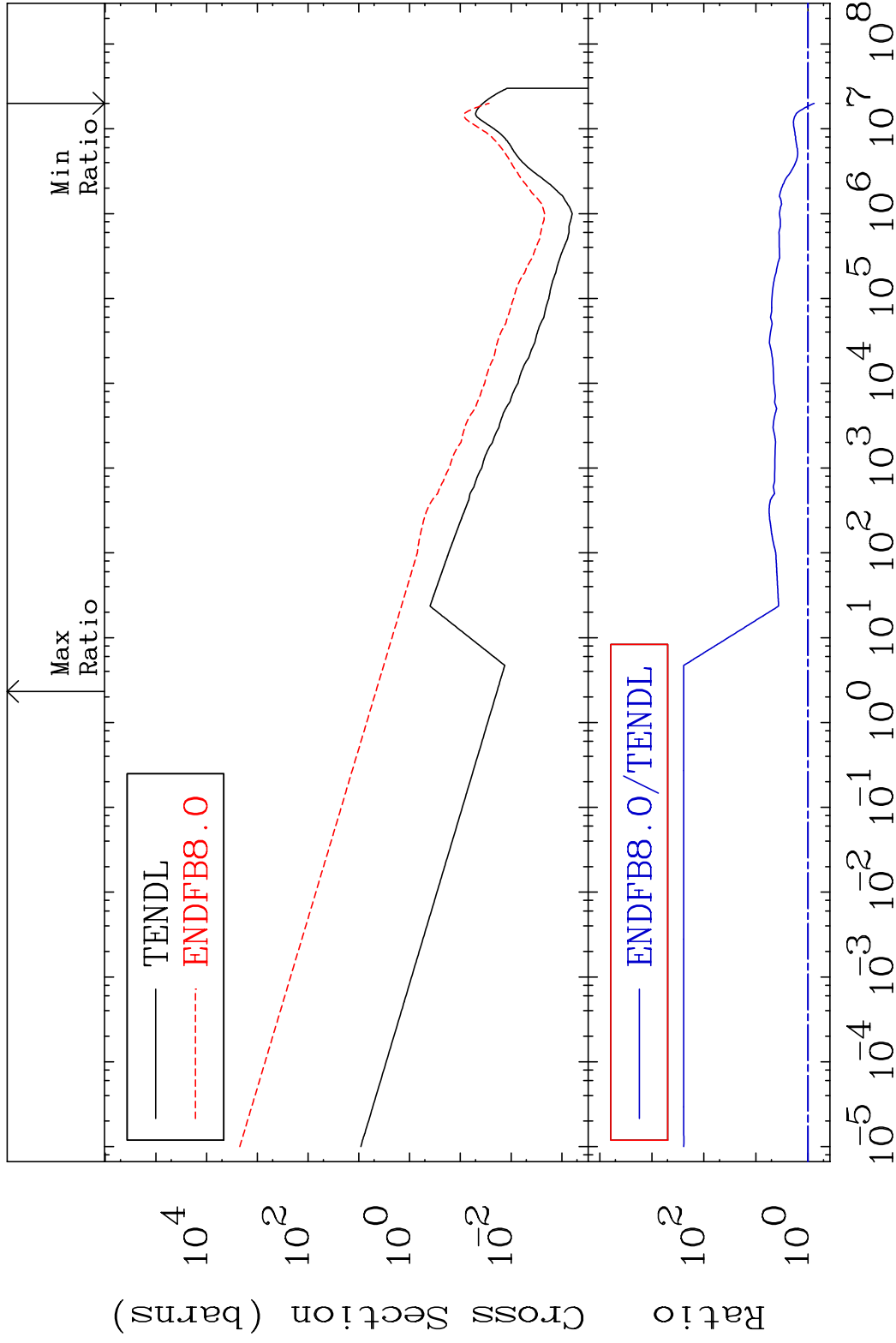
36-Kr-79

MAT 3628

(n, α)

36-Kr-79

Cross Section -24.03 To 9999. %

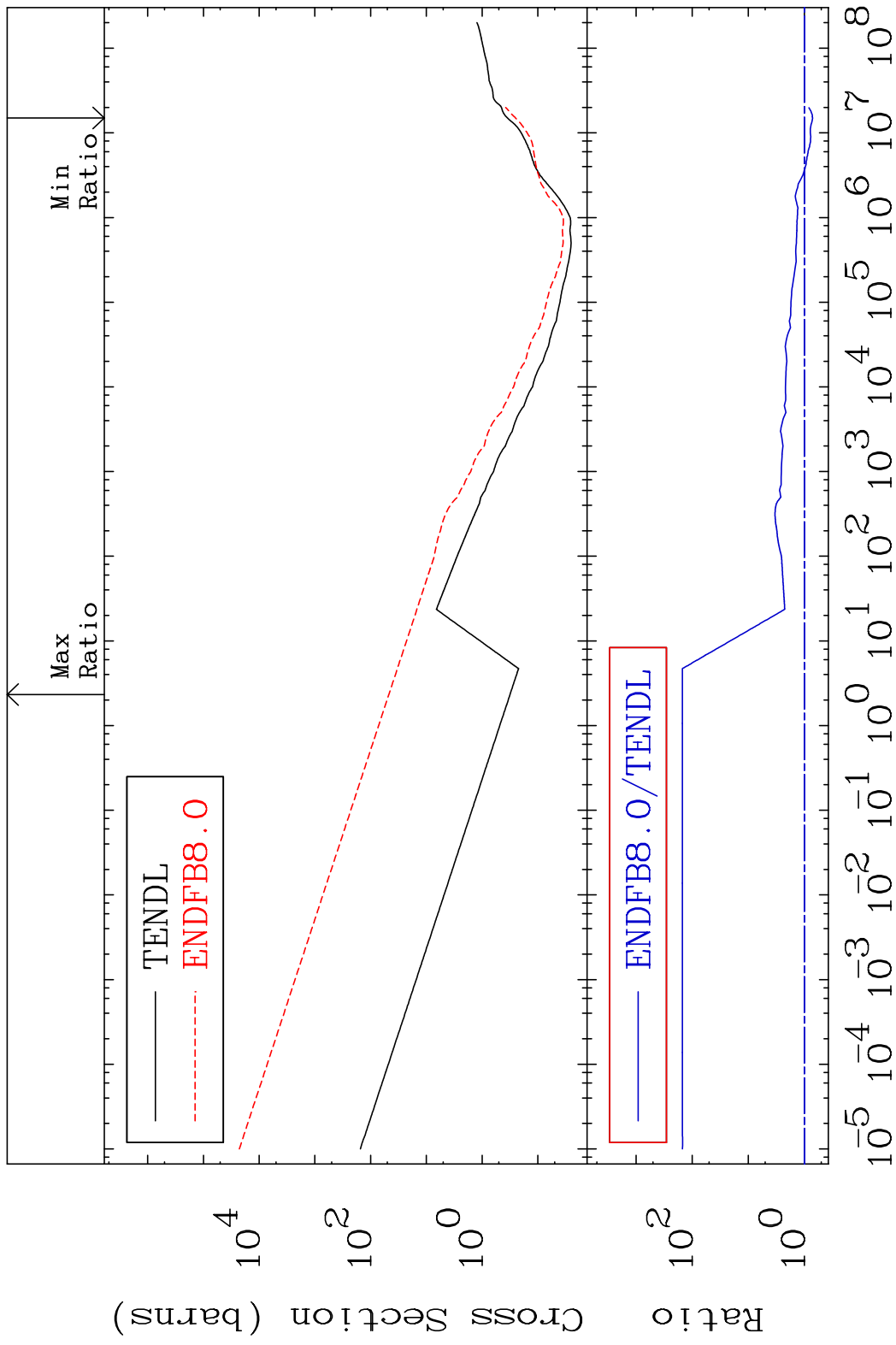


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Incident Energy (eV)

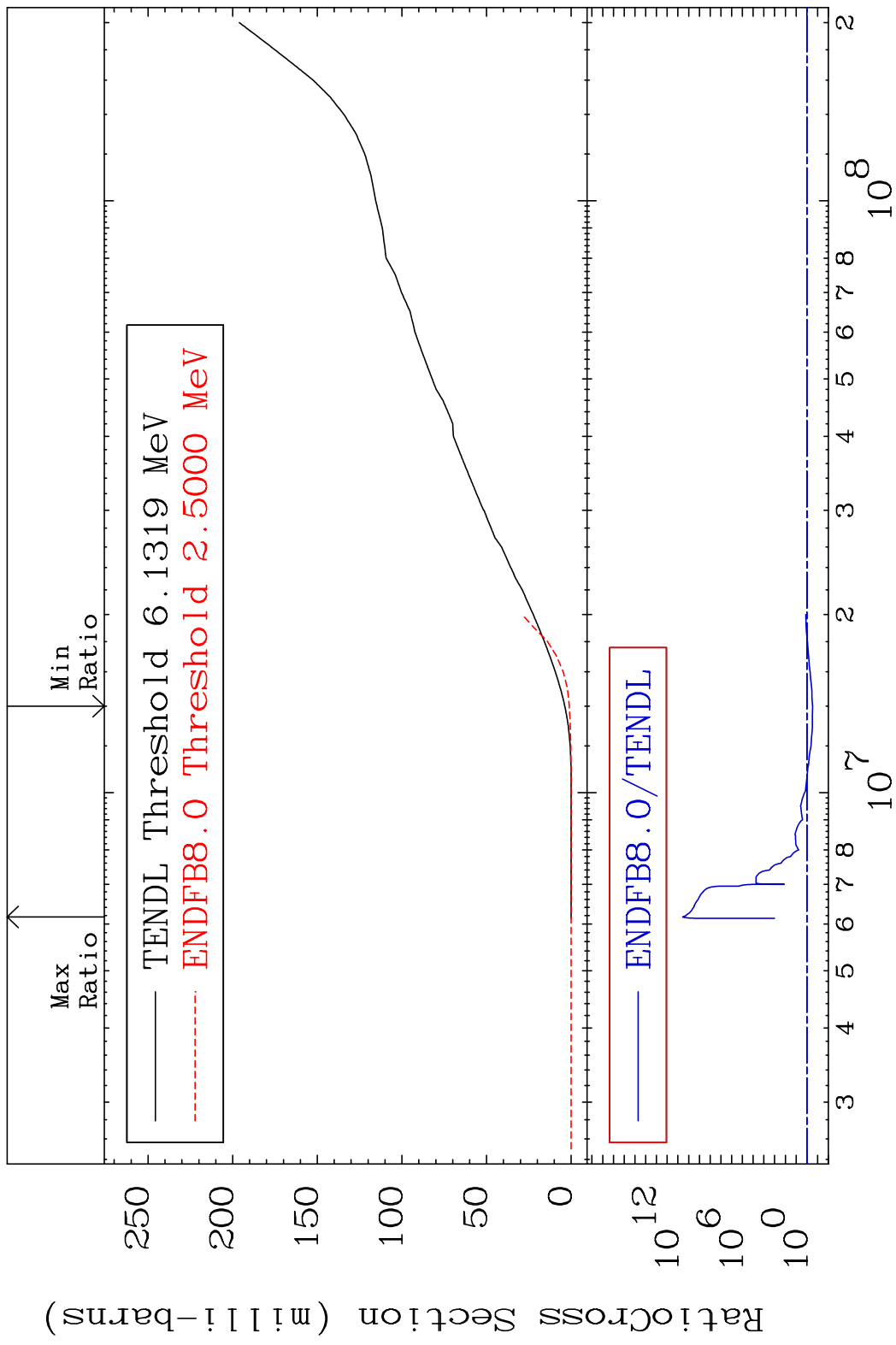
36-Kr-79

MAT 3628 Hydrogen Production 36-Kr-79
 Cross Section -28.52 To 9999. %



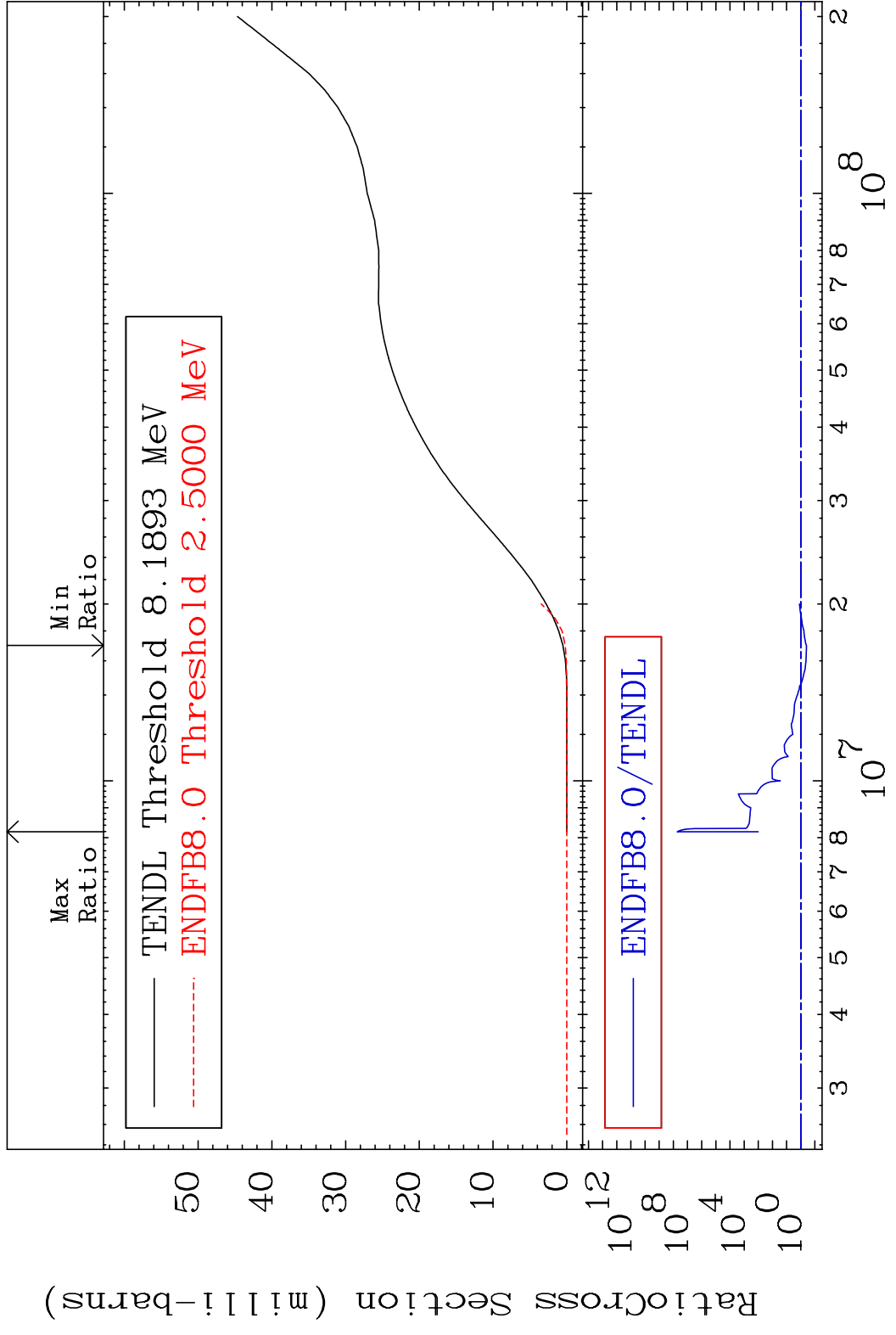
36 Incident Energy (eV) 36-Kr-79

MAT 3628 Deuterium Production 36-Kr-79
 Cross Section -70.41 To 9999. %



37 36-Kr-79

MAT 3628 Tritium Production 36-Kr-79
 Cross Section -59.94 To 9999. %



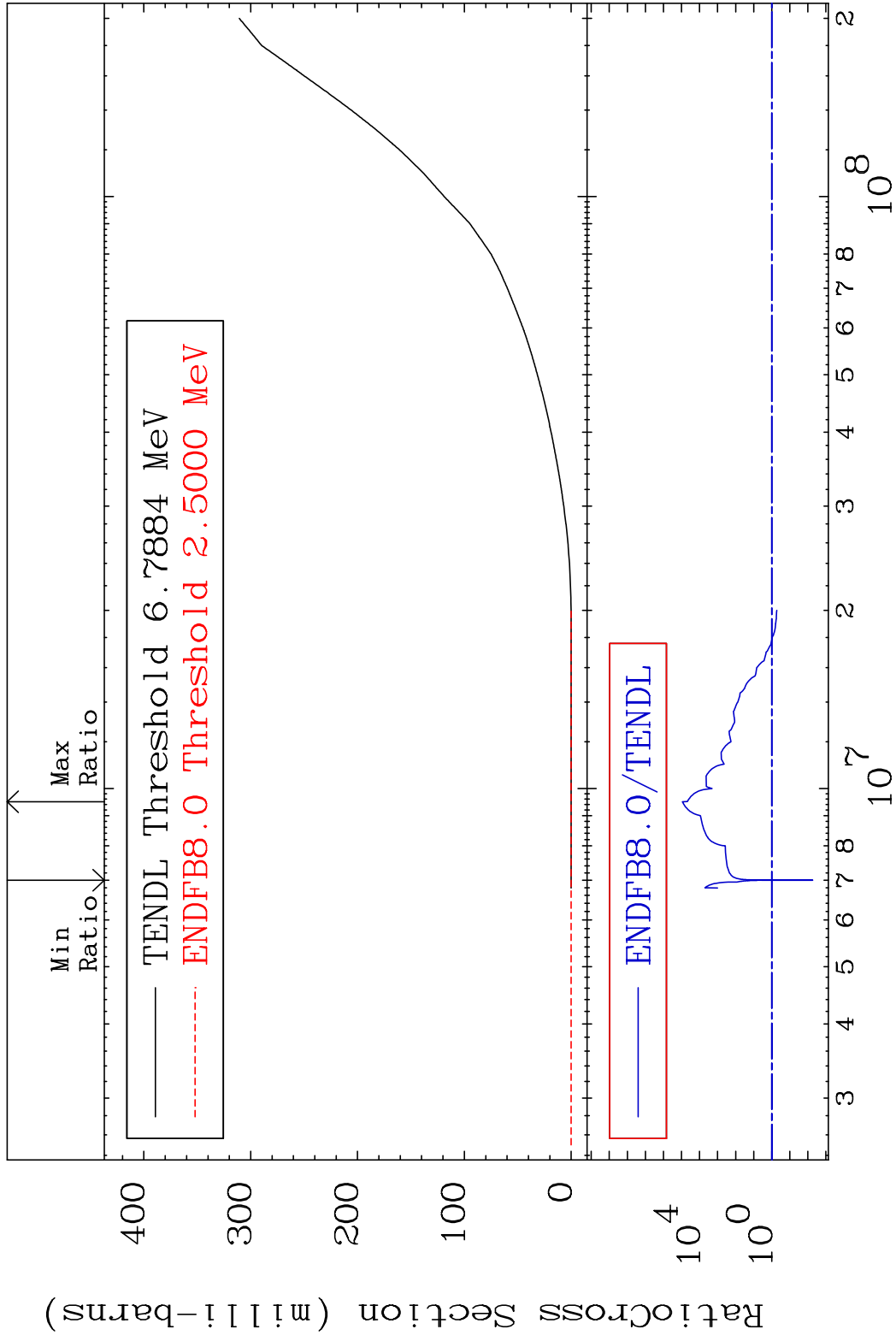
38 Incident Energy (eV) 36-Kr-79

MAT 3628

He-3 Production

36-Kr-79

Cross Section -99.45 To 9999. %

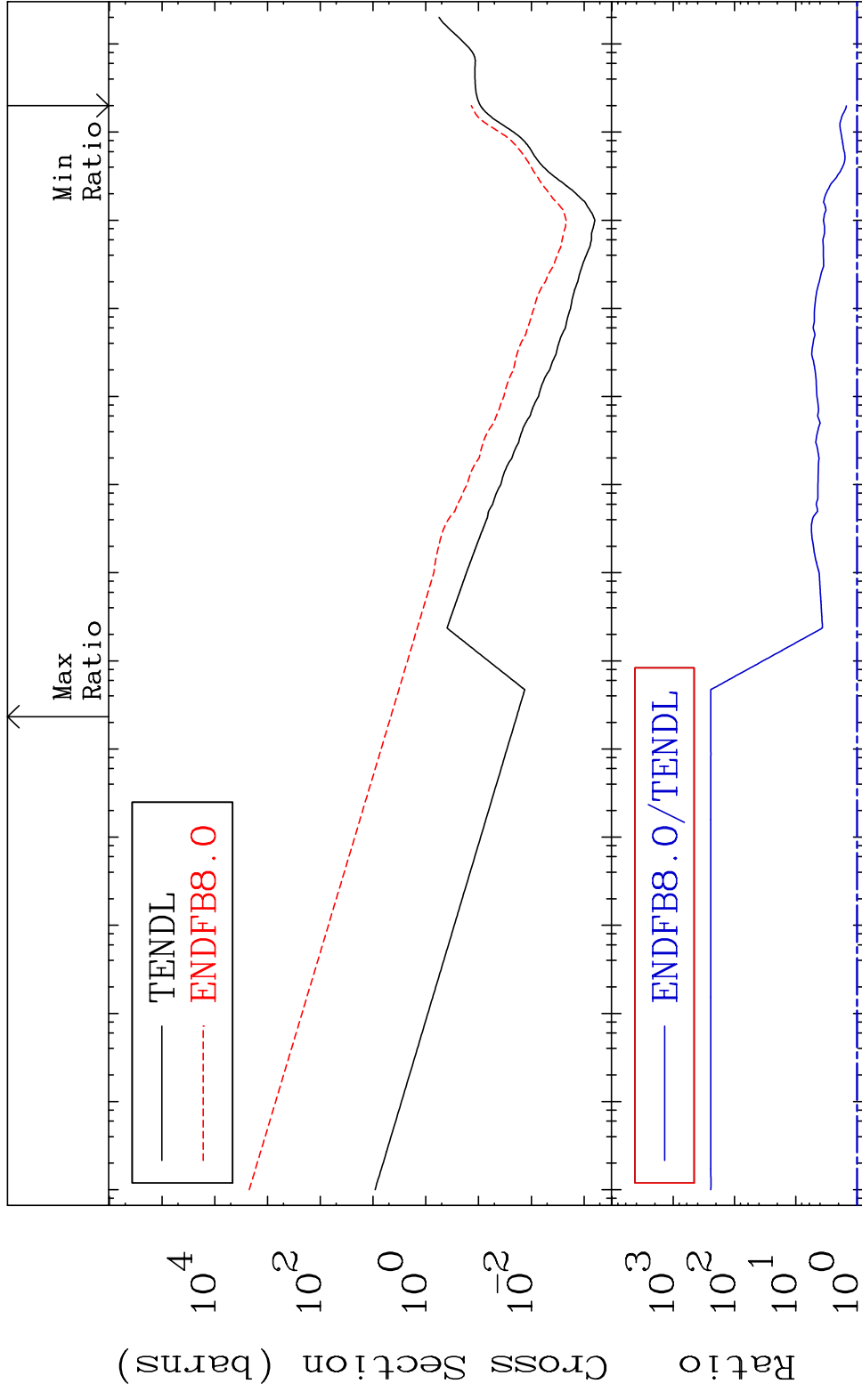


39

Incident Energy (eV)

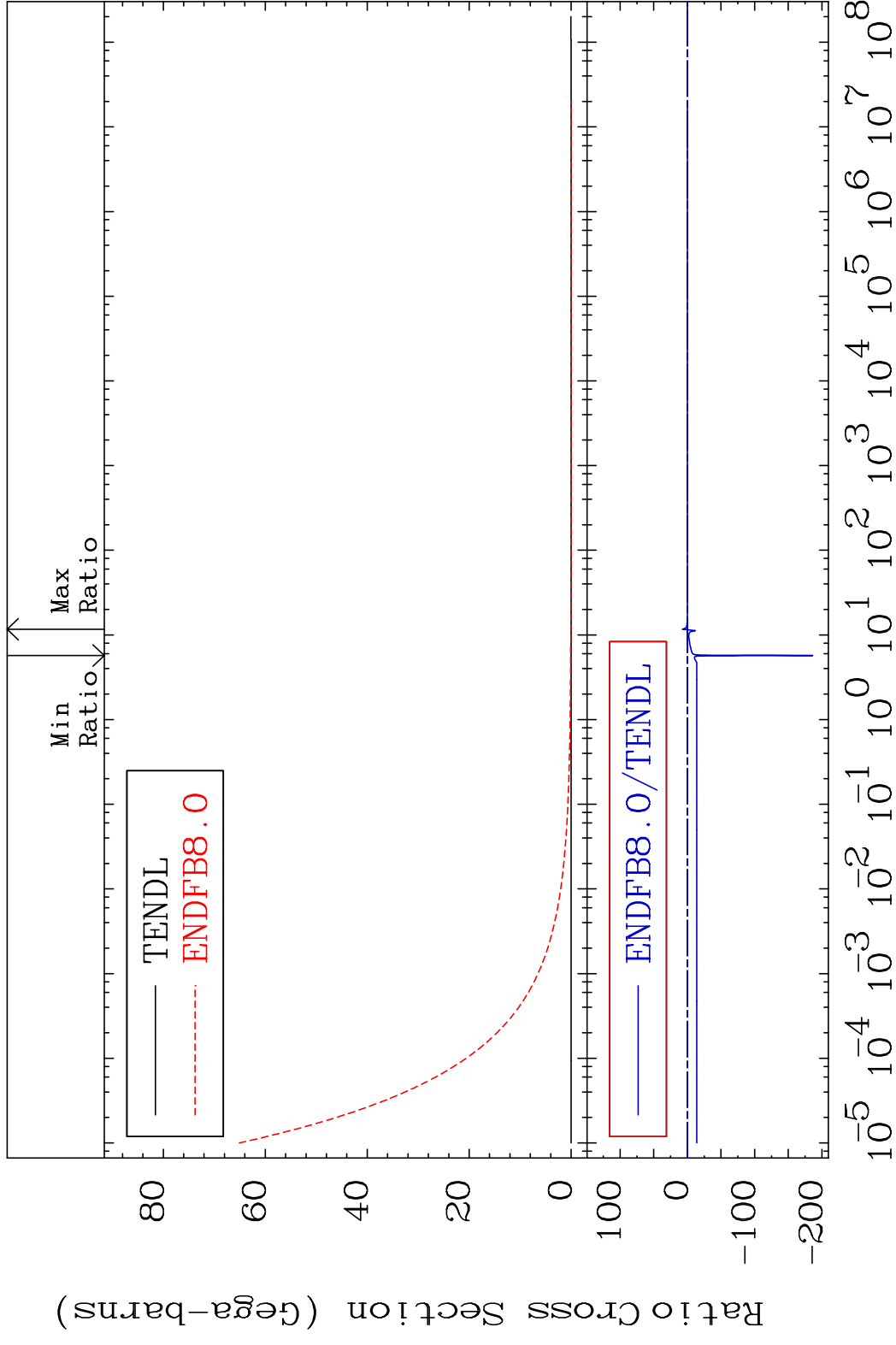
36-Kr-79

MAT 3628 He-4 Production 36-Kr-79
 Cross Section 49.19 To 9999. %



Ratio
 Cross Section (barns)
 Incident Energy (eV)
 36-Kr-79

MAT 3628 Kerma total (eV-barns) 36-Kr-79
 Cross Section -9999. To 9999. %

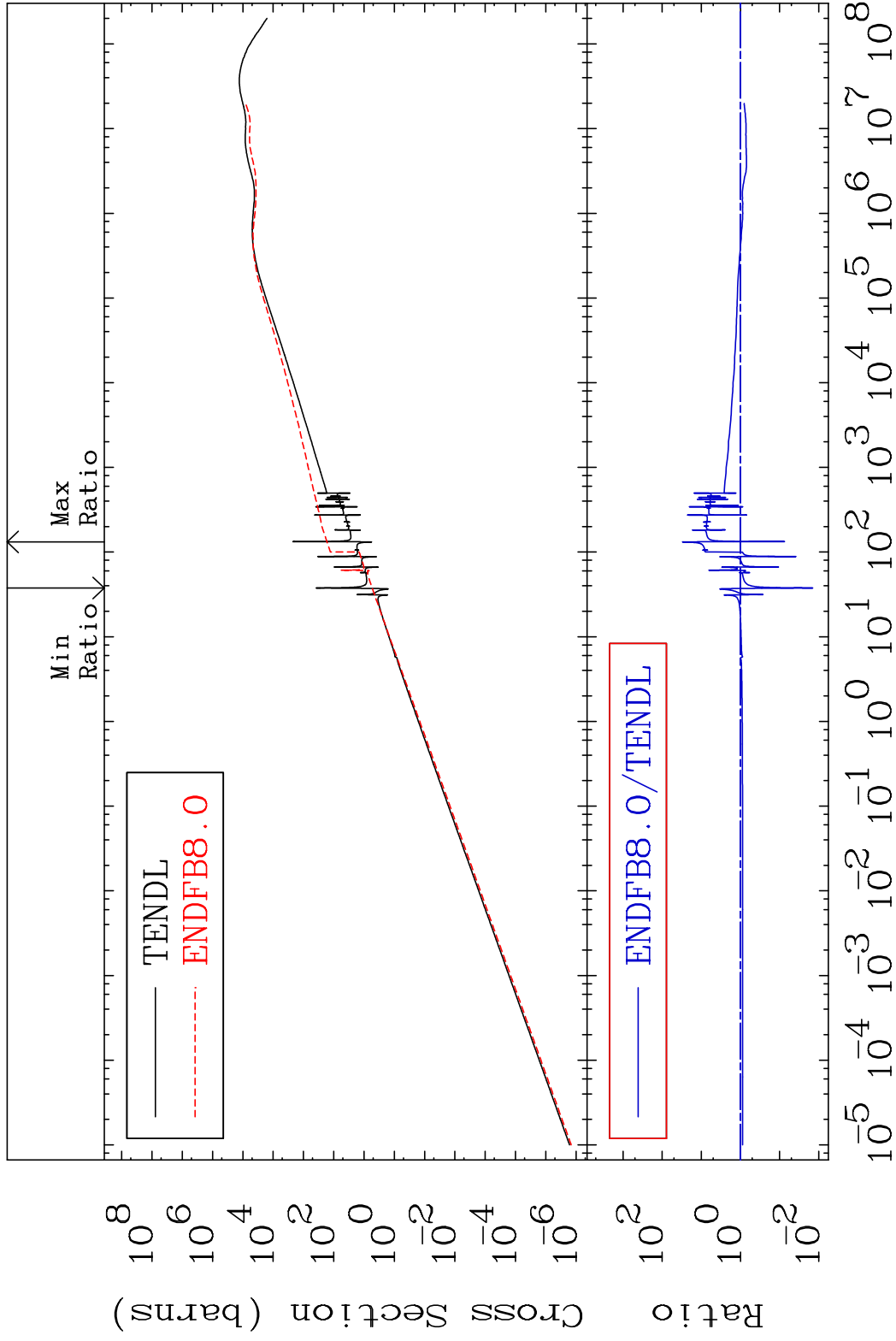


41 Incident Energy (eV) 36-Kr-79

MAT 3628

Kerma elastic
Cross Section

36-Kr-79
-98.57 To 2954. %

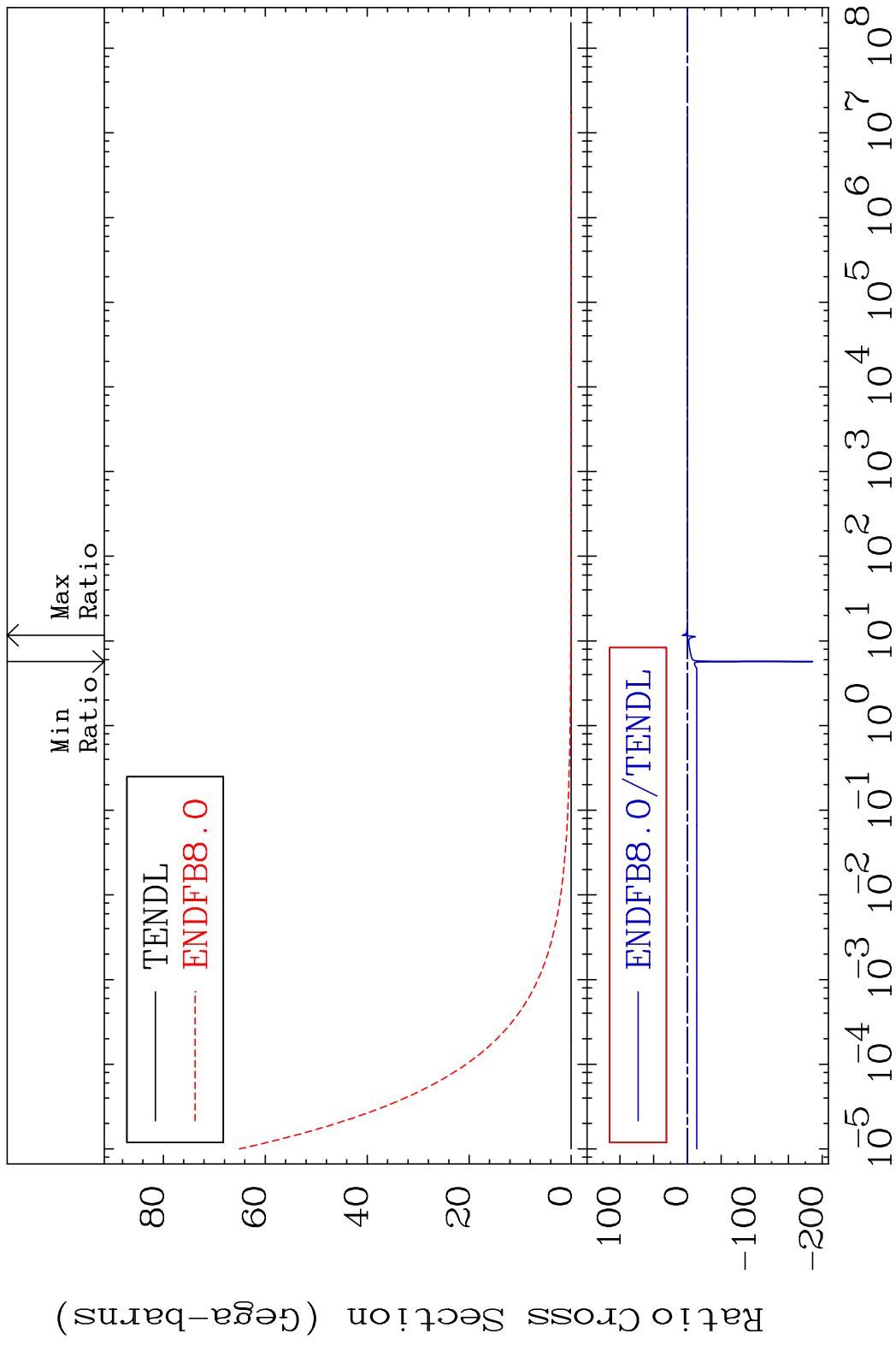


42

Incident Energy (eV)

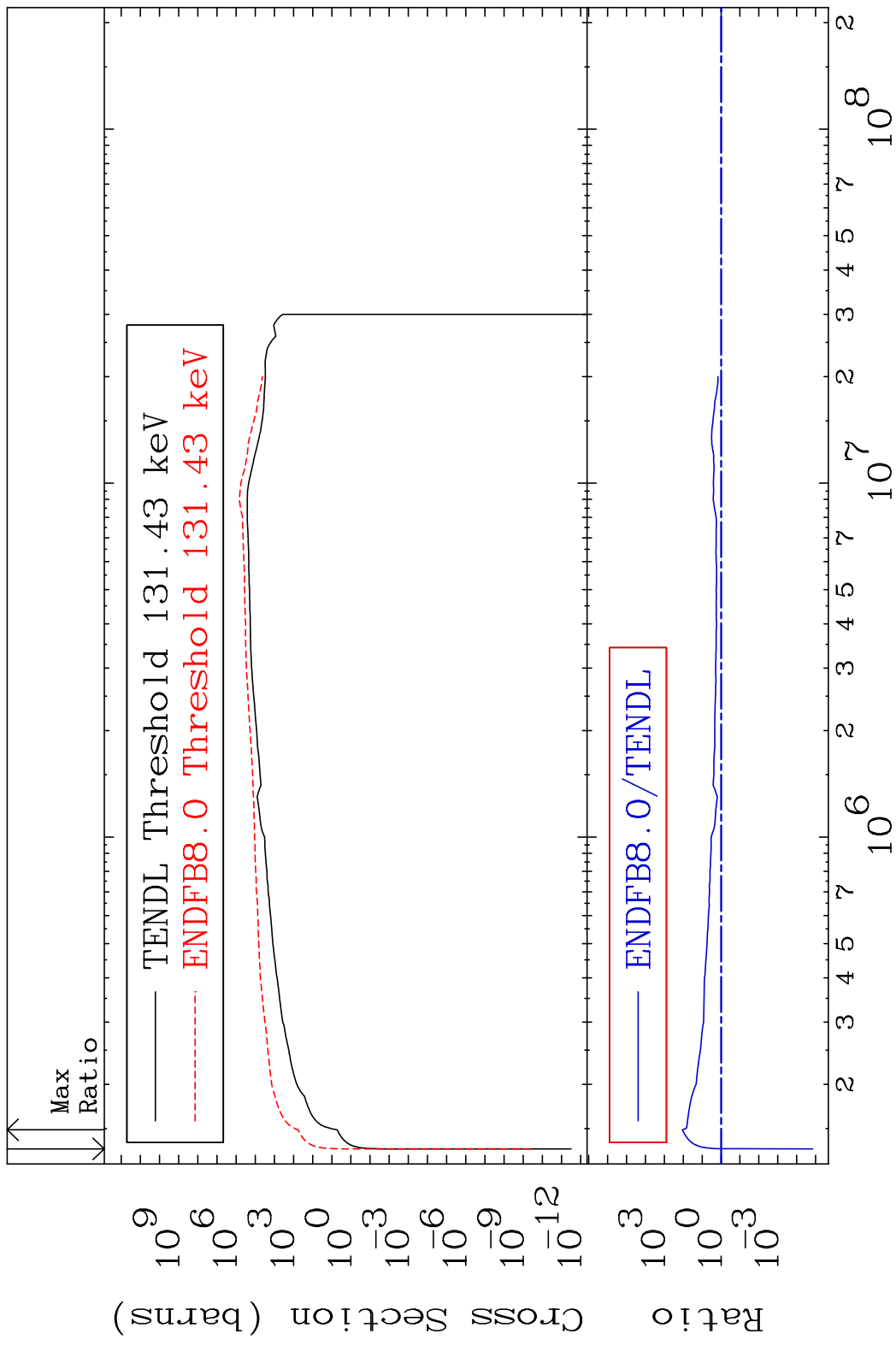
36-Kr-79

MAT 3628 Kerma non-elastic (all but mt2) 36-Kr-79
 Cross Section -9999. To 9999. %

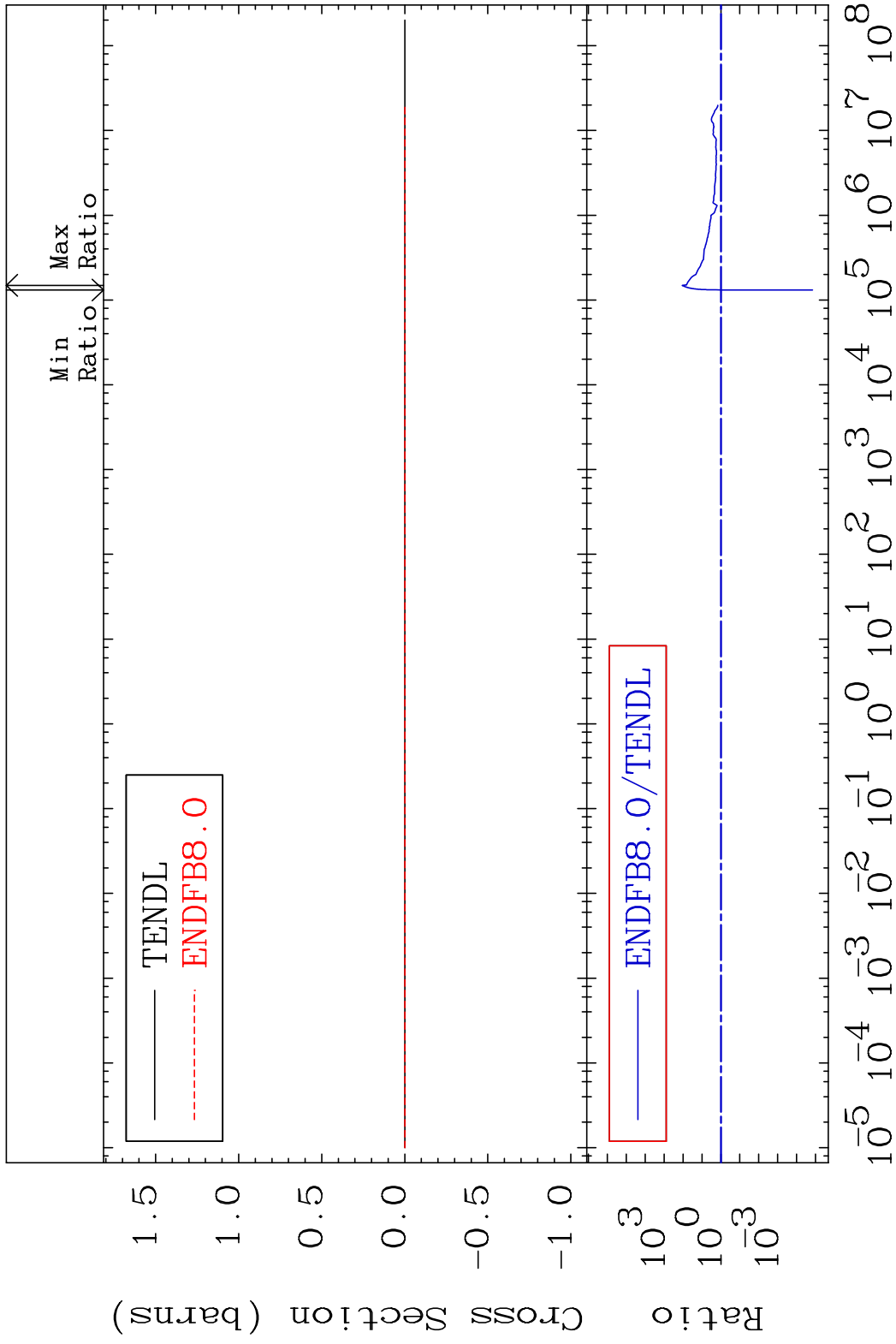


43 Incident Energy (eV) 36-Kr-79

MAT 3628 Kerma inelastic (mt51-91) 36-Kr-79
 Cross Section -100.0 To 9999. %

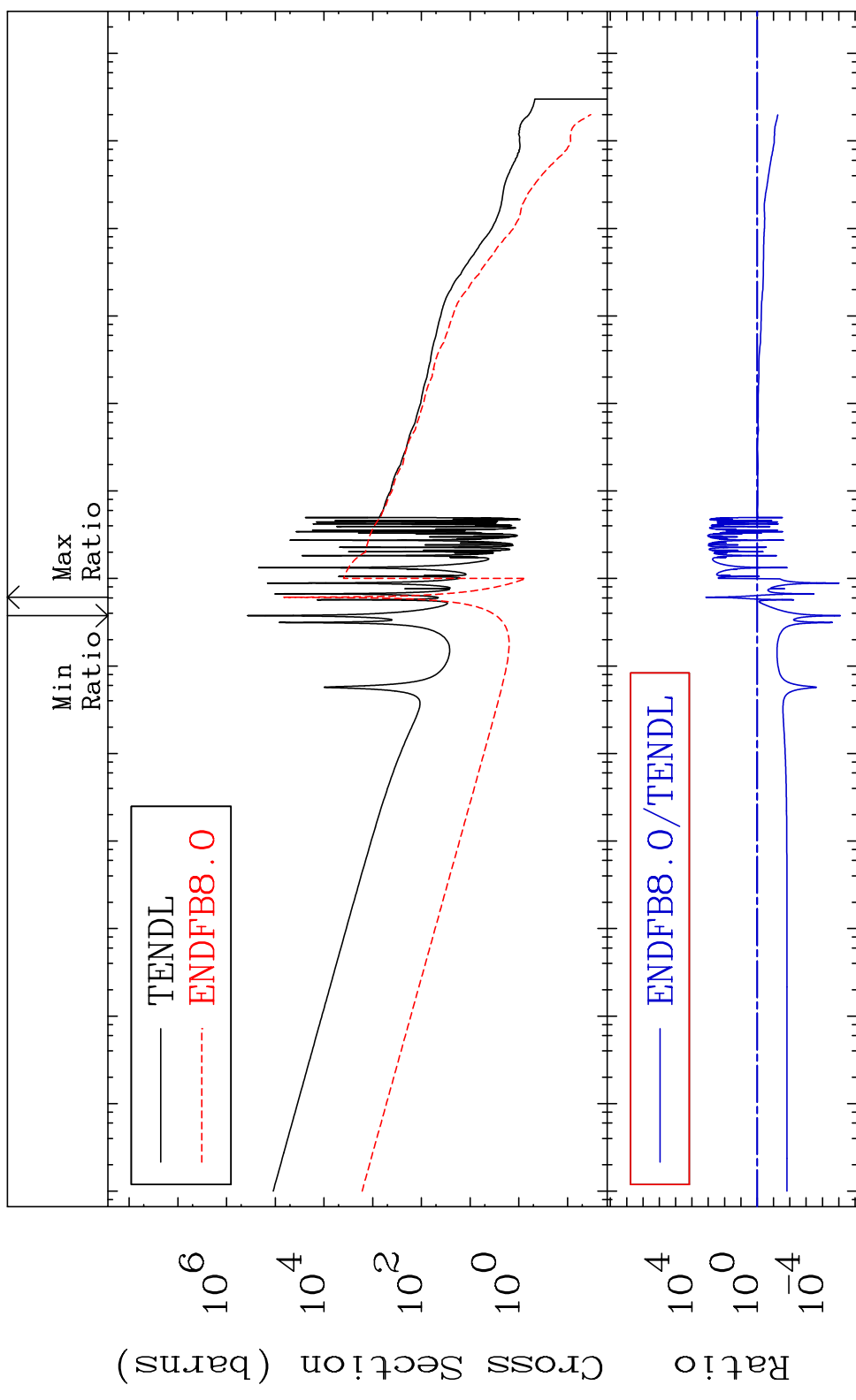


MAT 3628 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-79
 Cross Section -100.0 To 9999. %



MAT 3628

Kerma capture (mt102) 36-Kr-79
Cross Section -100.0 To 9999. %

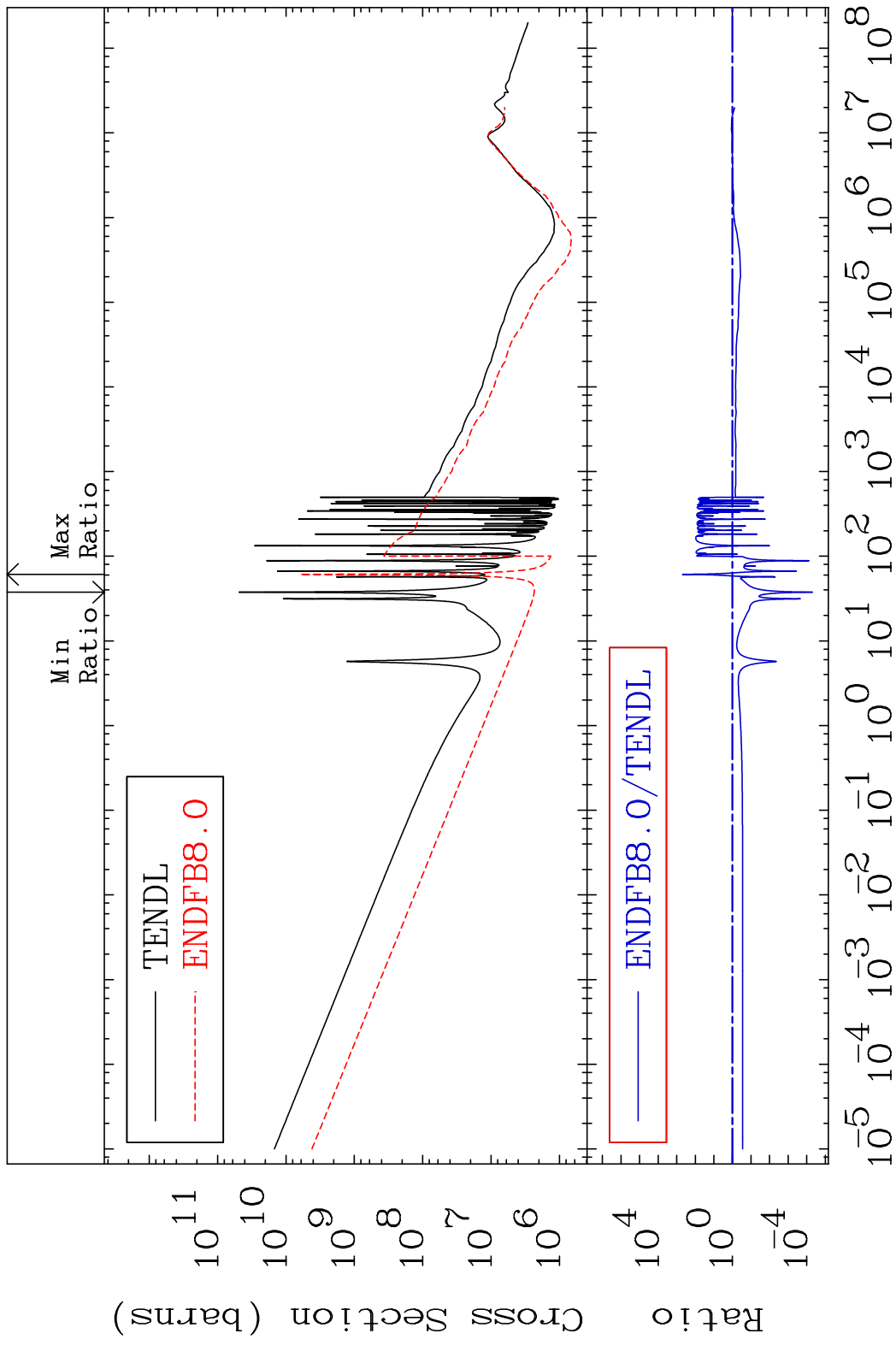


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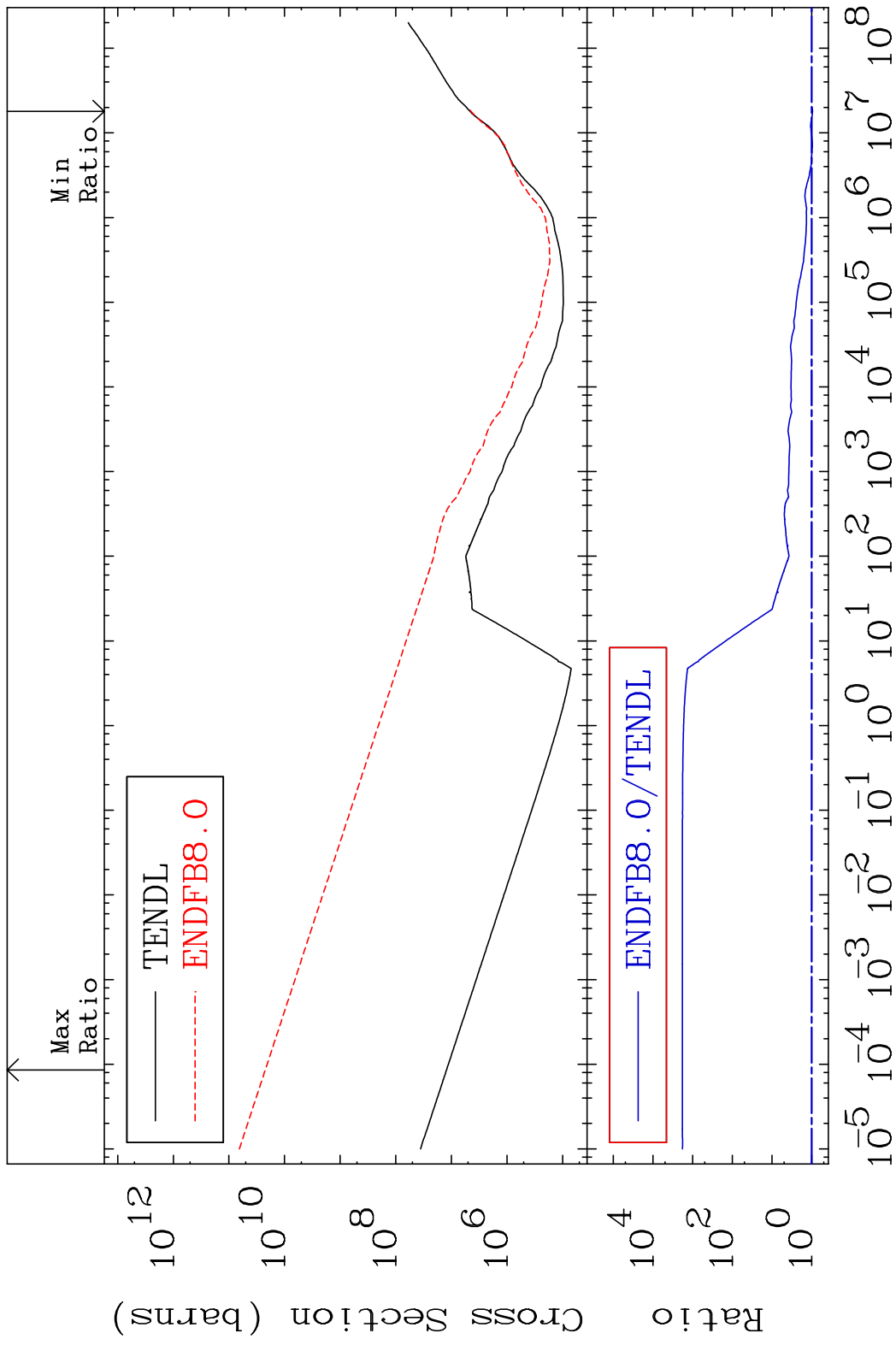
Incident Energy (eV)

36-Kr-79

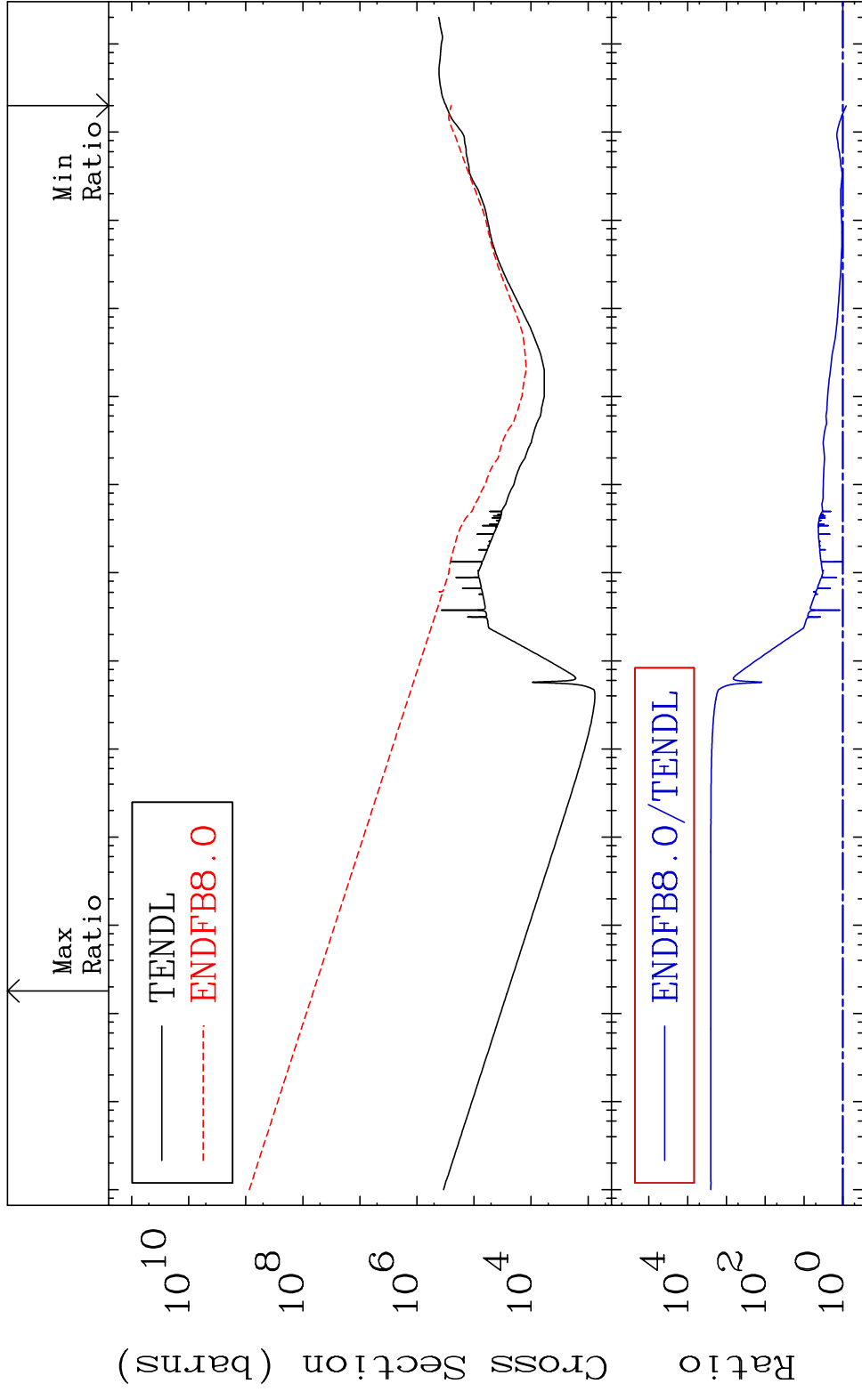
MAT 3628 Total photon (eV-barns) 36-Kr-79
 Cross Section -100.0 To 9999. %



MAT 3628 Total kinematic kerma (high limit) 36-Kr-79
 Cross Section -4.665 To 9999. %



MAT 3628 Dpa total (eV-barns) 36-Kr-79
 Cross Section -19.01 To 9999. %



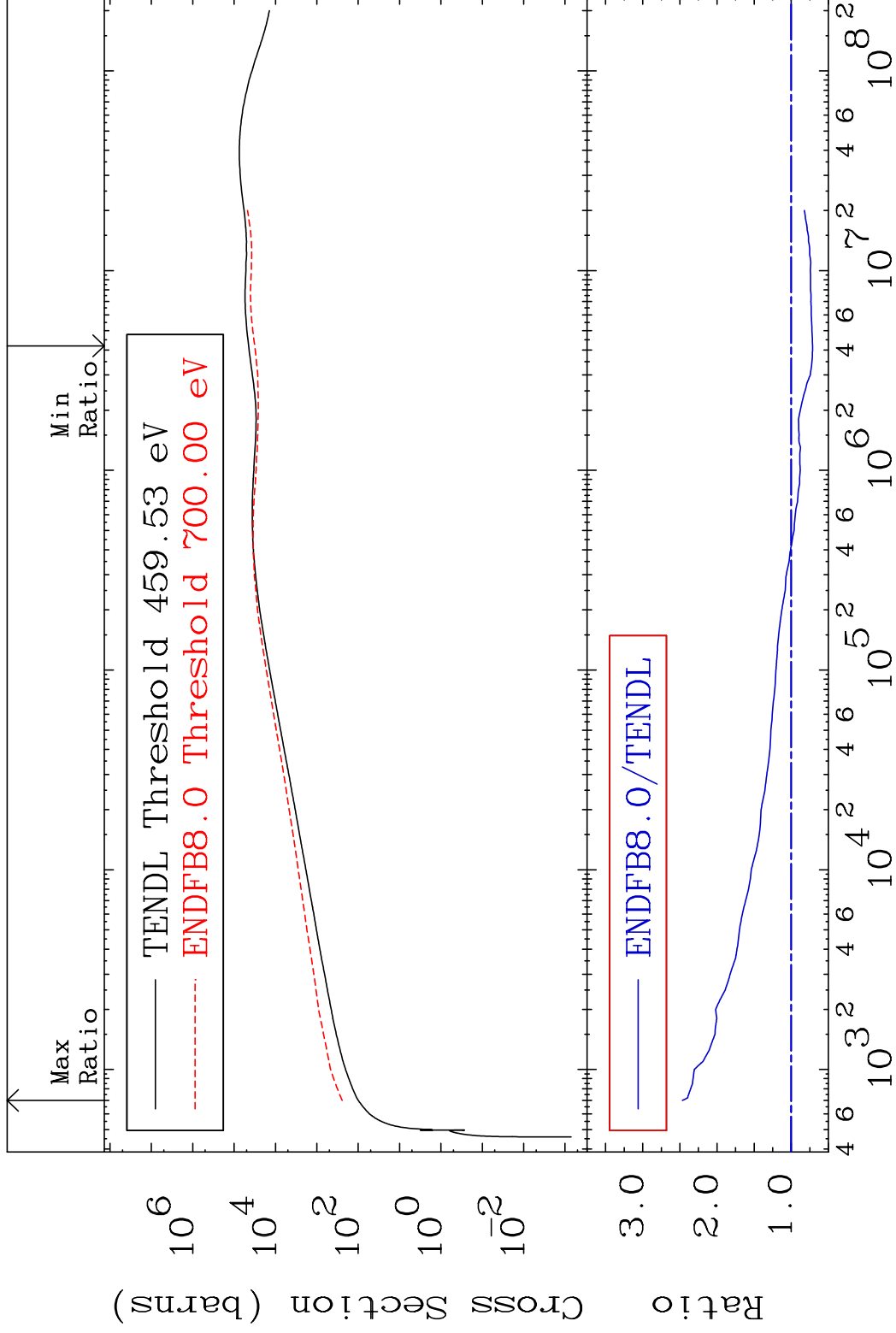
MAT 3628

Dpa elastic (mt2)

36-Kr-79

Cross Section

-28.71 To 146.7 %

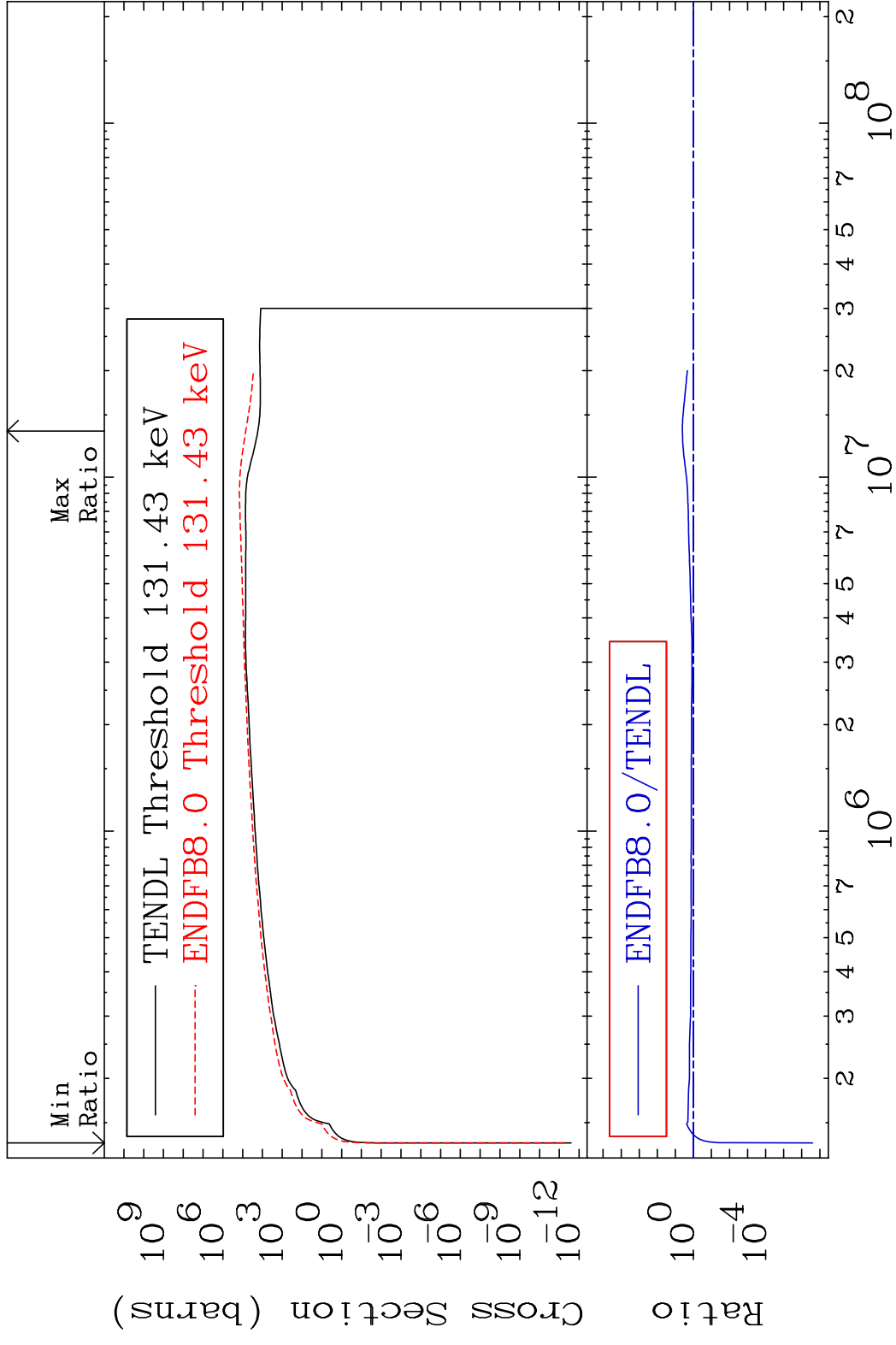


50

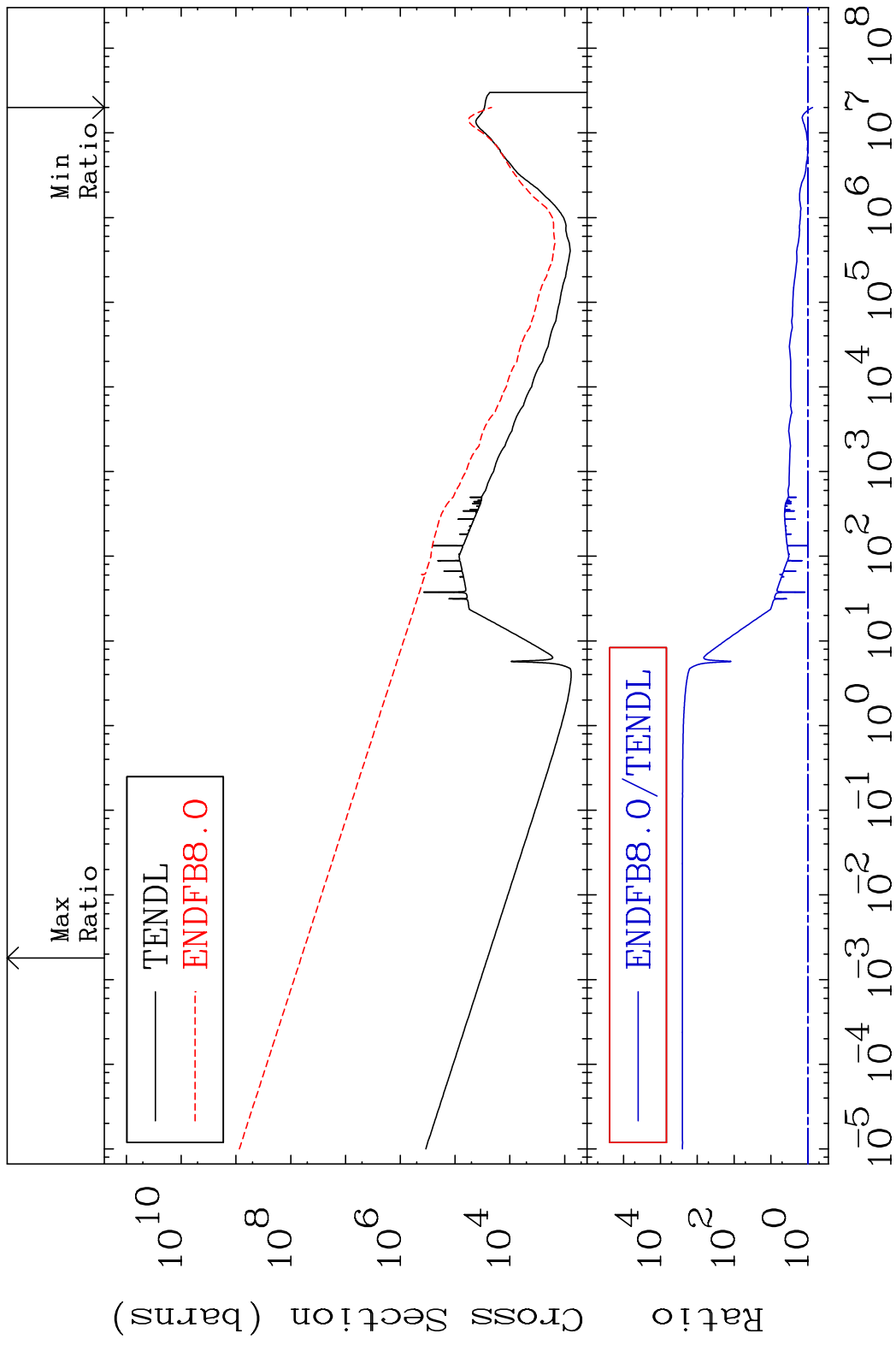
Incident Energy (eV)

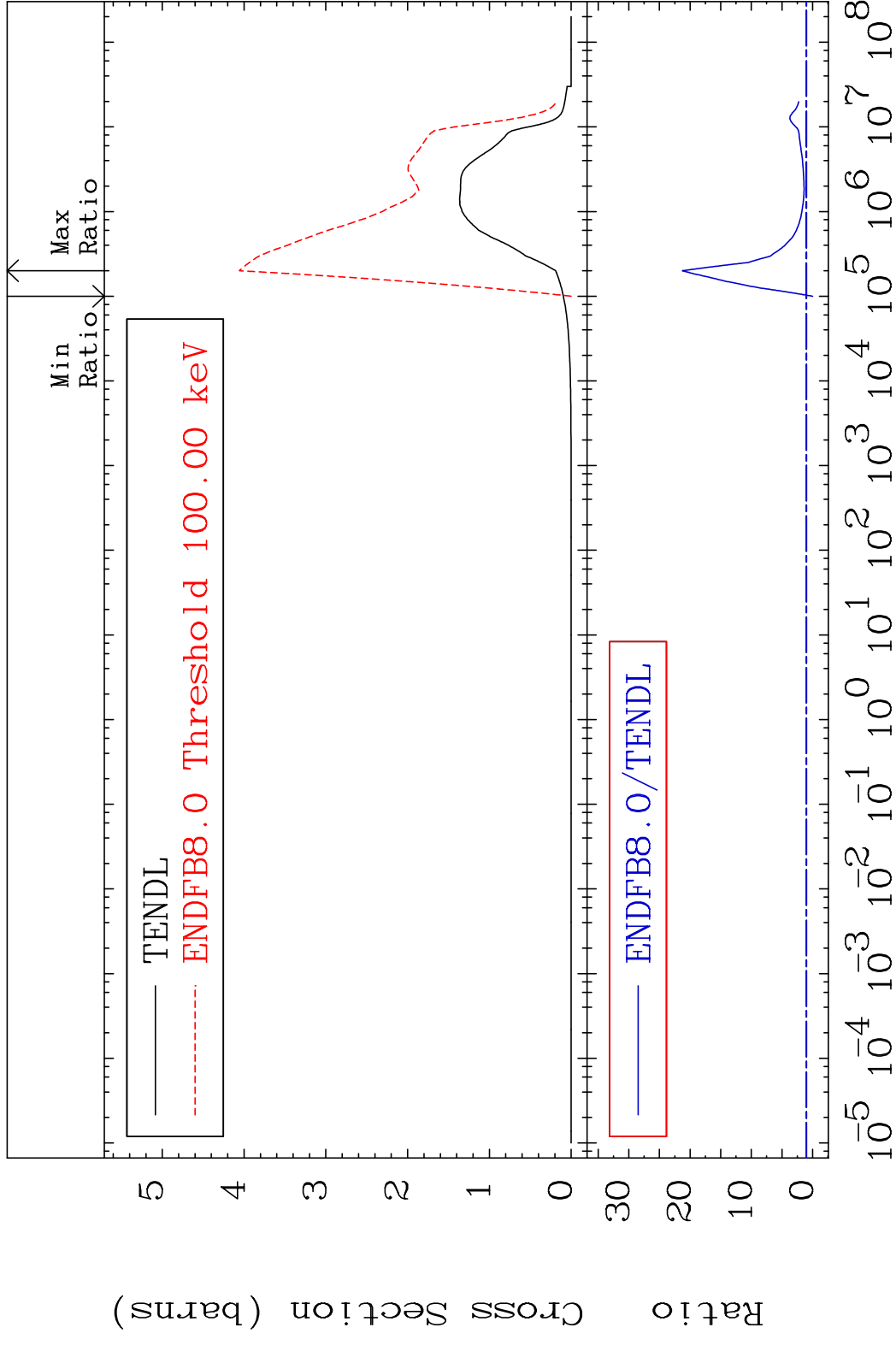
36-Kr-79

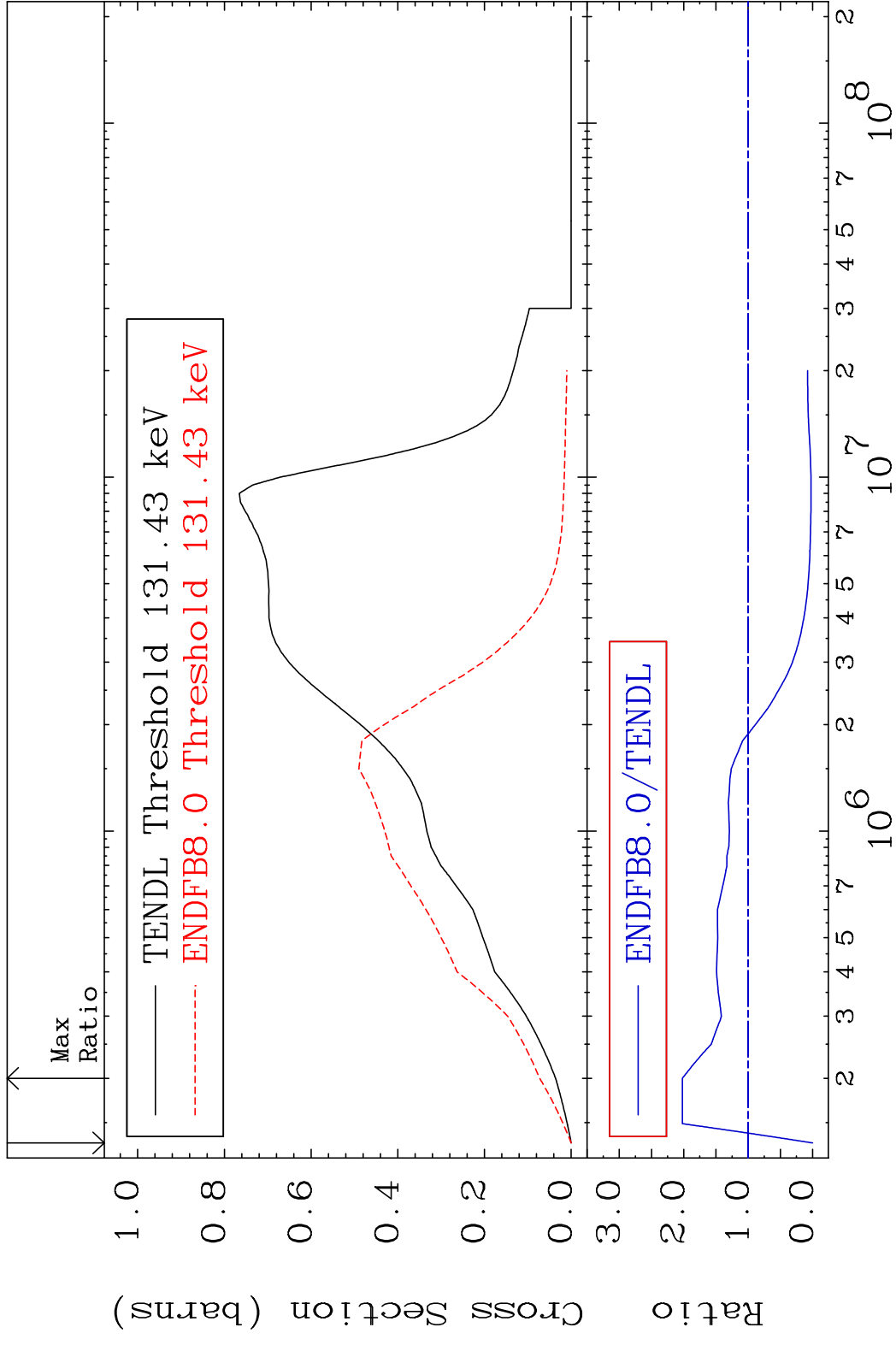
MAT 3628 Dpa inelastic (mt51-91) 36-Kr-79
 Cross Section -100.0 To 309.0 %



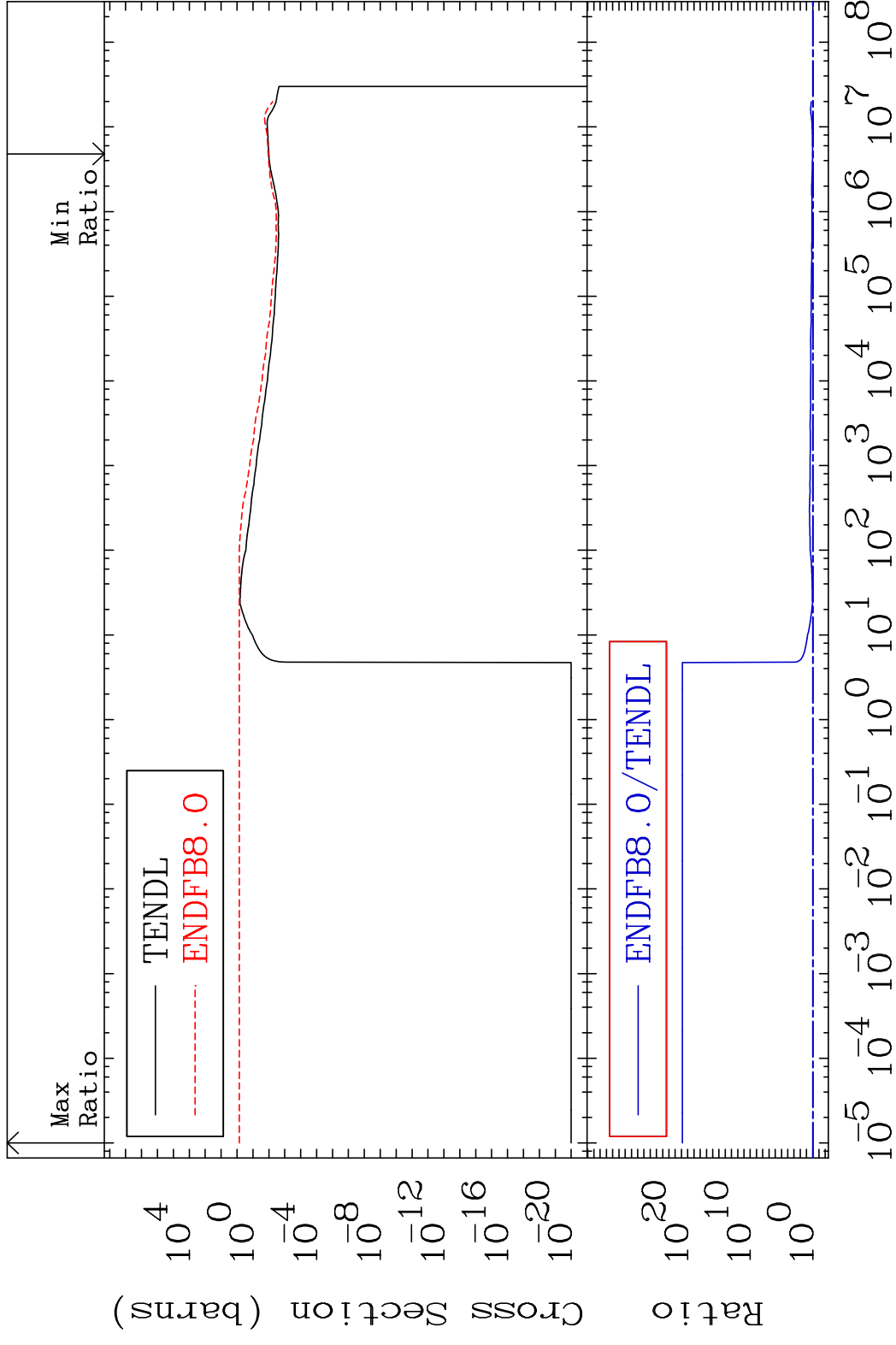
MAT 3628 Dpa disappearance (mt102 -120) 36-Kr-79
 Cross Section -25.53 To 9999. %







MAT 3628 (n,p):35-Br-79g 36-Kr-79
 Radionuclide Production Cross Section 9999. %



MAT 3628 (n,p):35-Br-79m1 36-Kr-79
 Radionuclide Production Cross Section Ratio 9999. %

