

Program Complot
(Version 2021-1)

by

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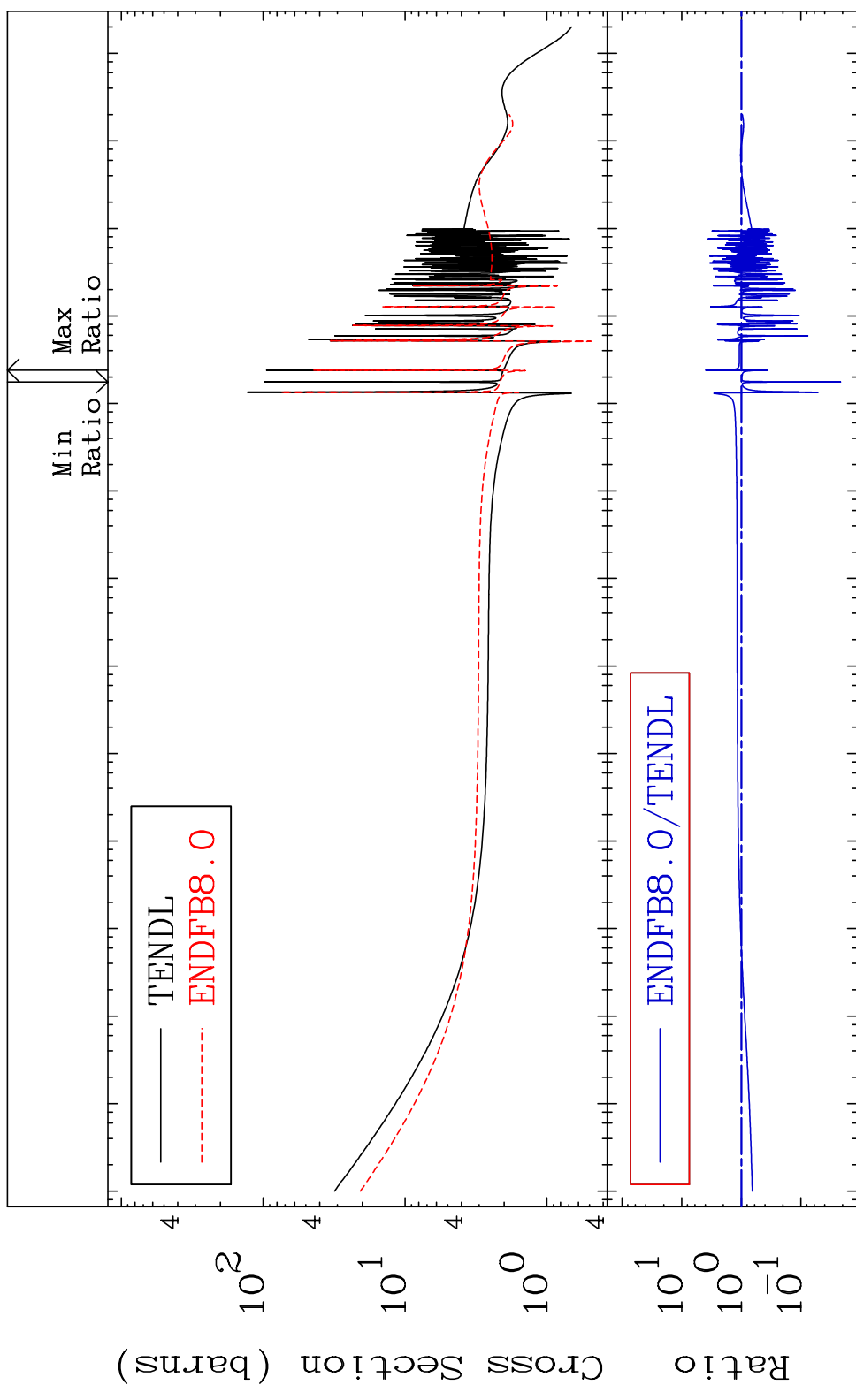
Press Mouse Button to Start

MAT 1628

Total

16-S -33

Cross Section -97.82 To 294.4 %



1

Incident Energy (eV)

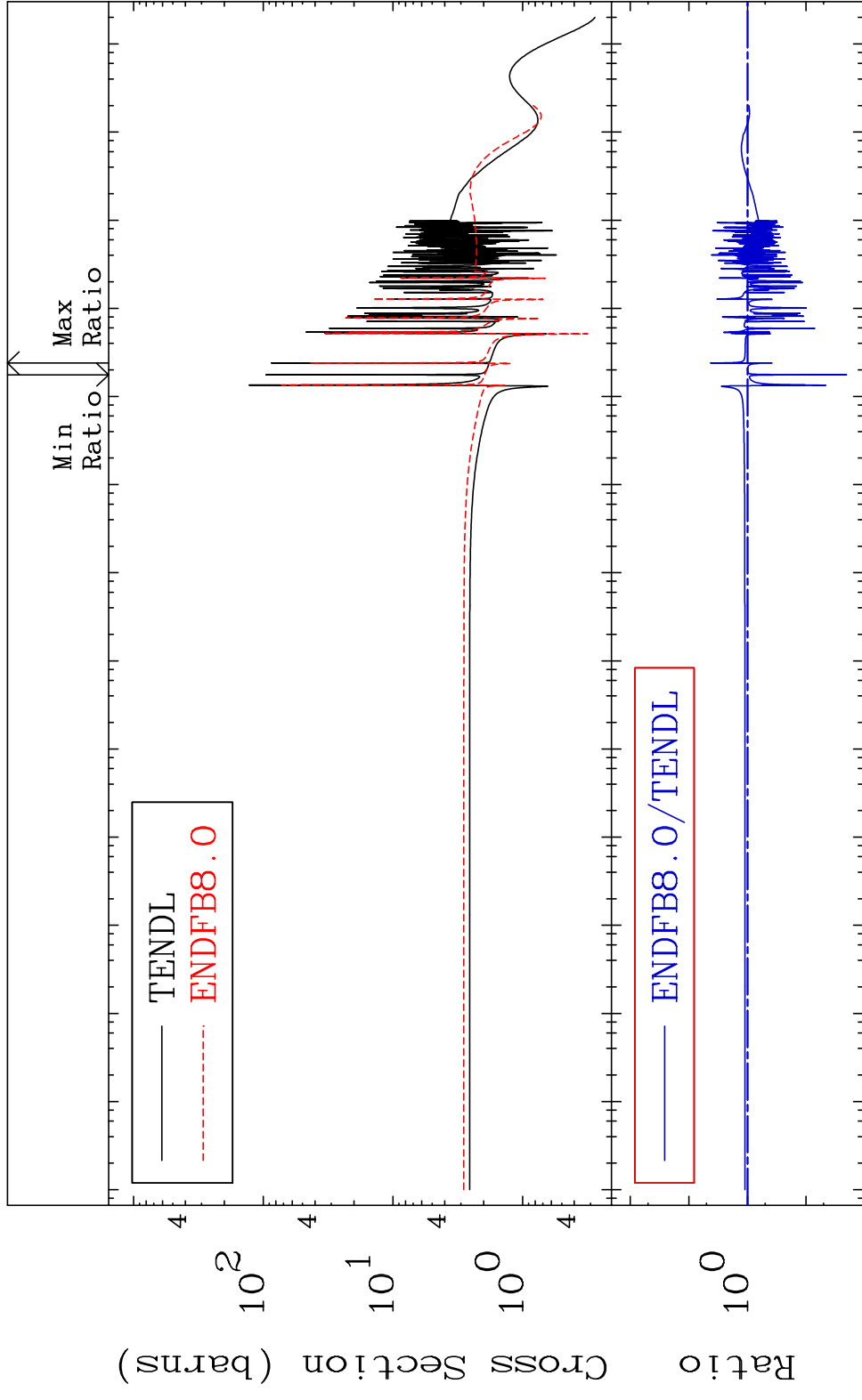
16-S -33

MAT 1628

Elastic

16-S -33

Cross Section -97.95 To 324.1 %



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

2

Incident Energy (eV)

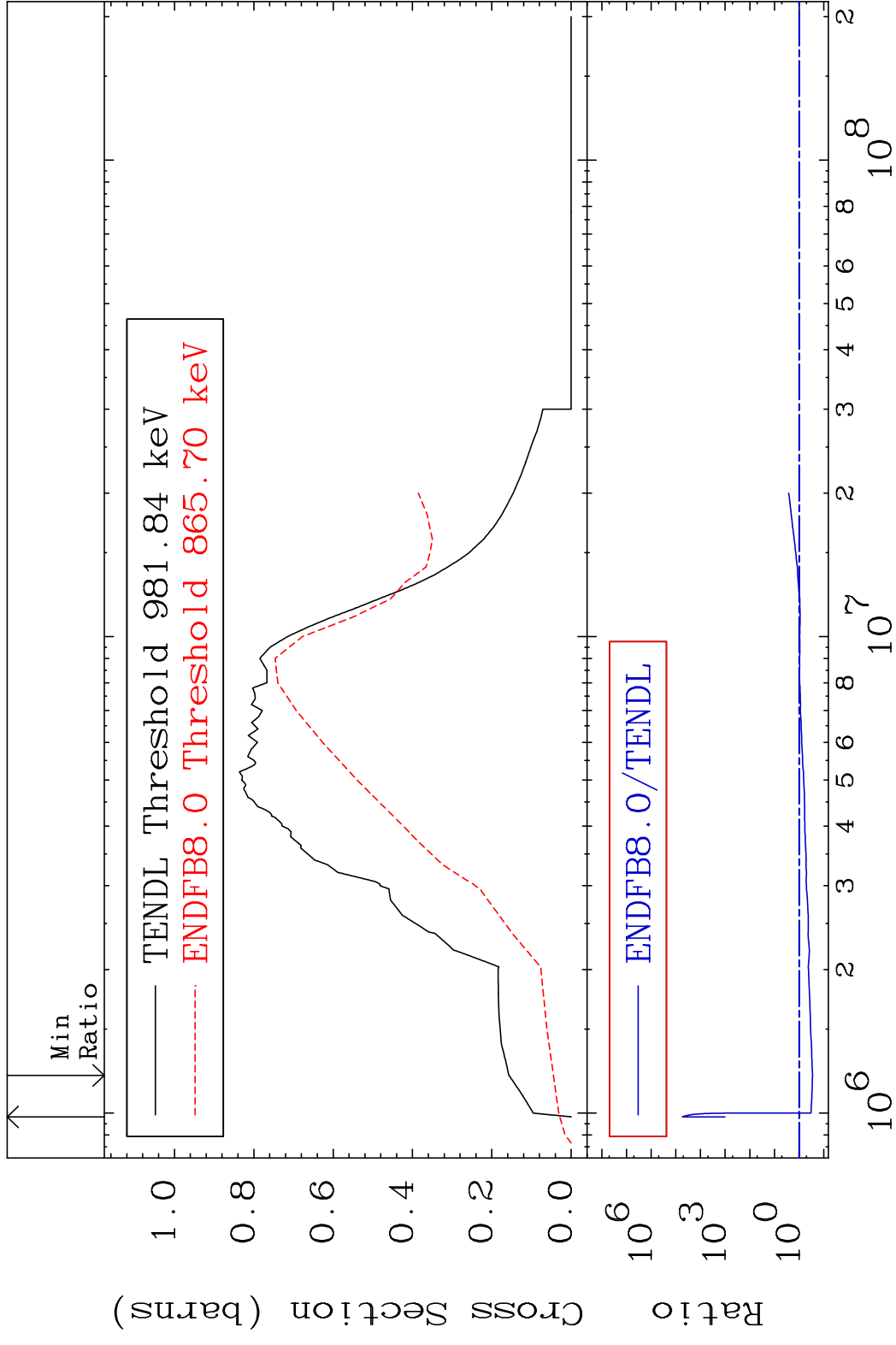
16-S -33

MAT 1628

Inelastic

16-S -33

Cross Section -71.48 To 9999. %



3

Incident Energy (eV)

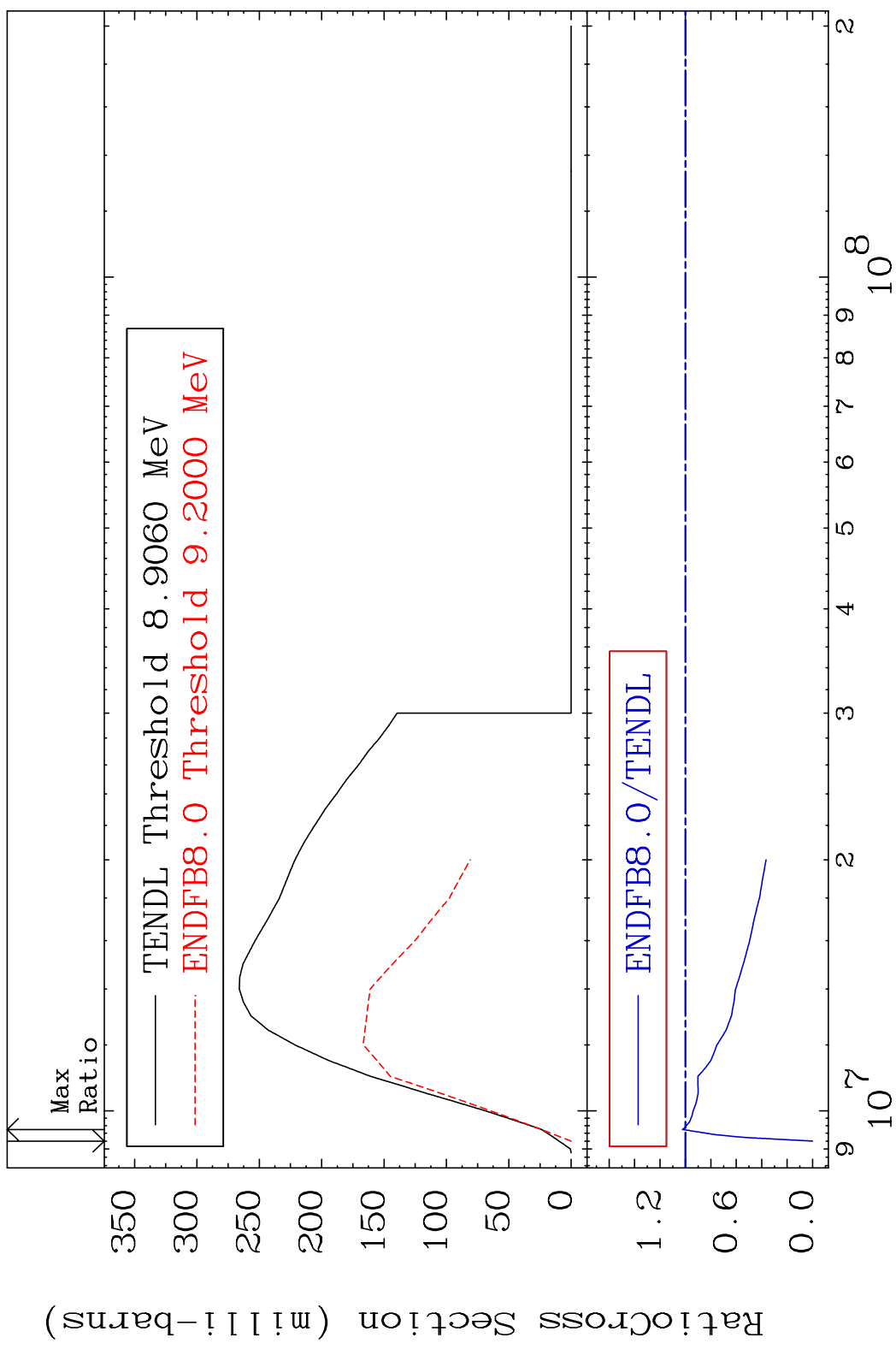
16-S -33

MAT 1628

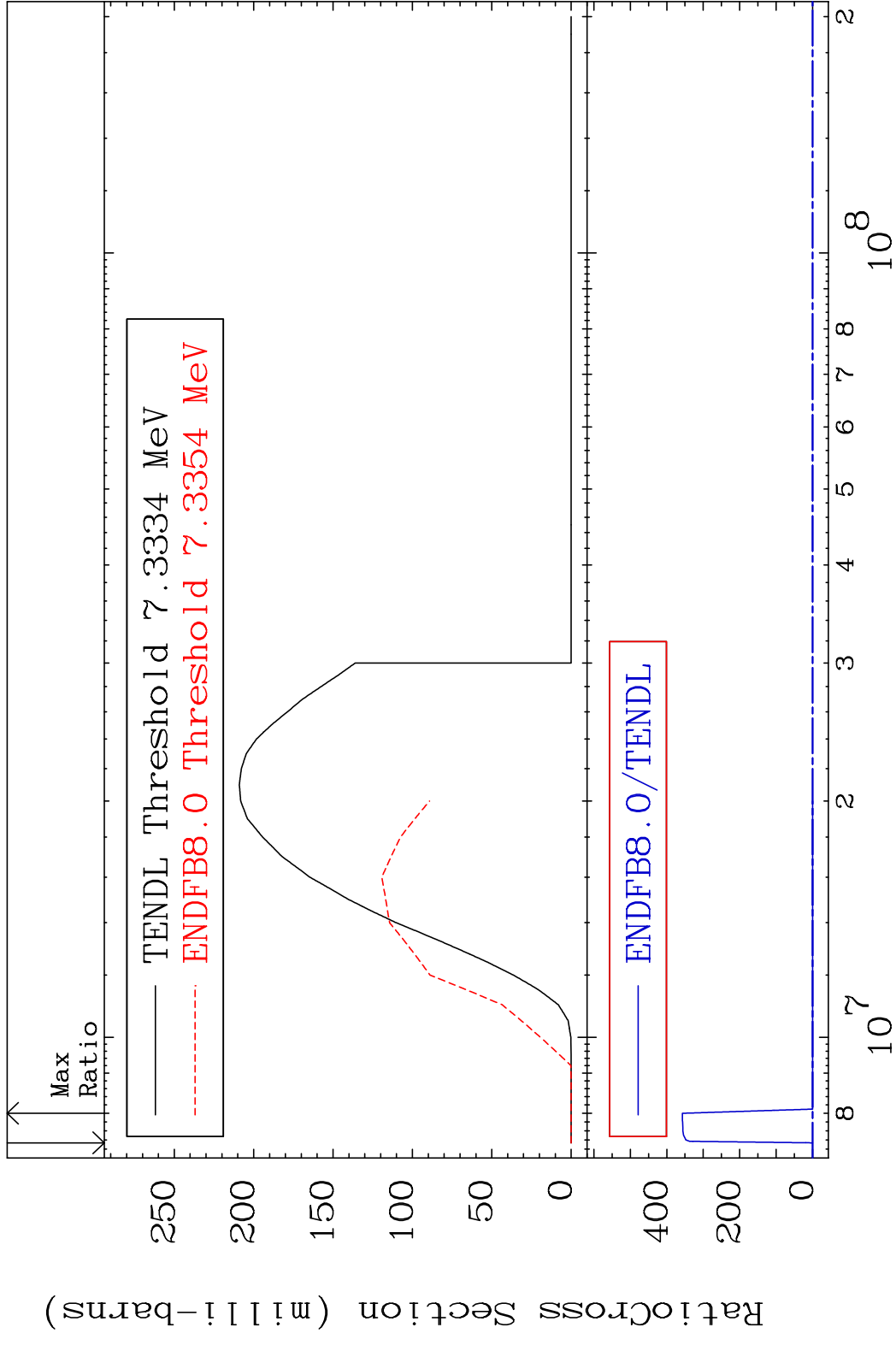
(n,2n)

16-S -33

Cross Section -100.0 To 2.413 %



MAT 1628 (n, n') α 16-S -33
 Cross Section -100.0 To 9999. %



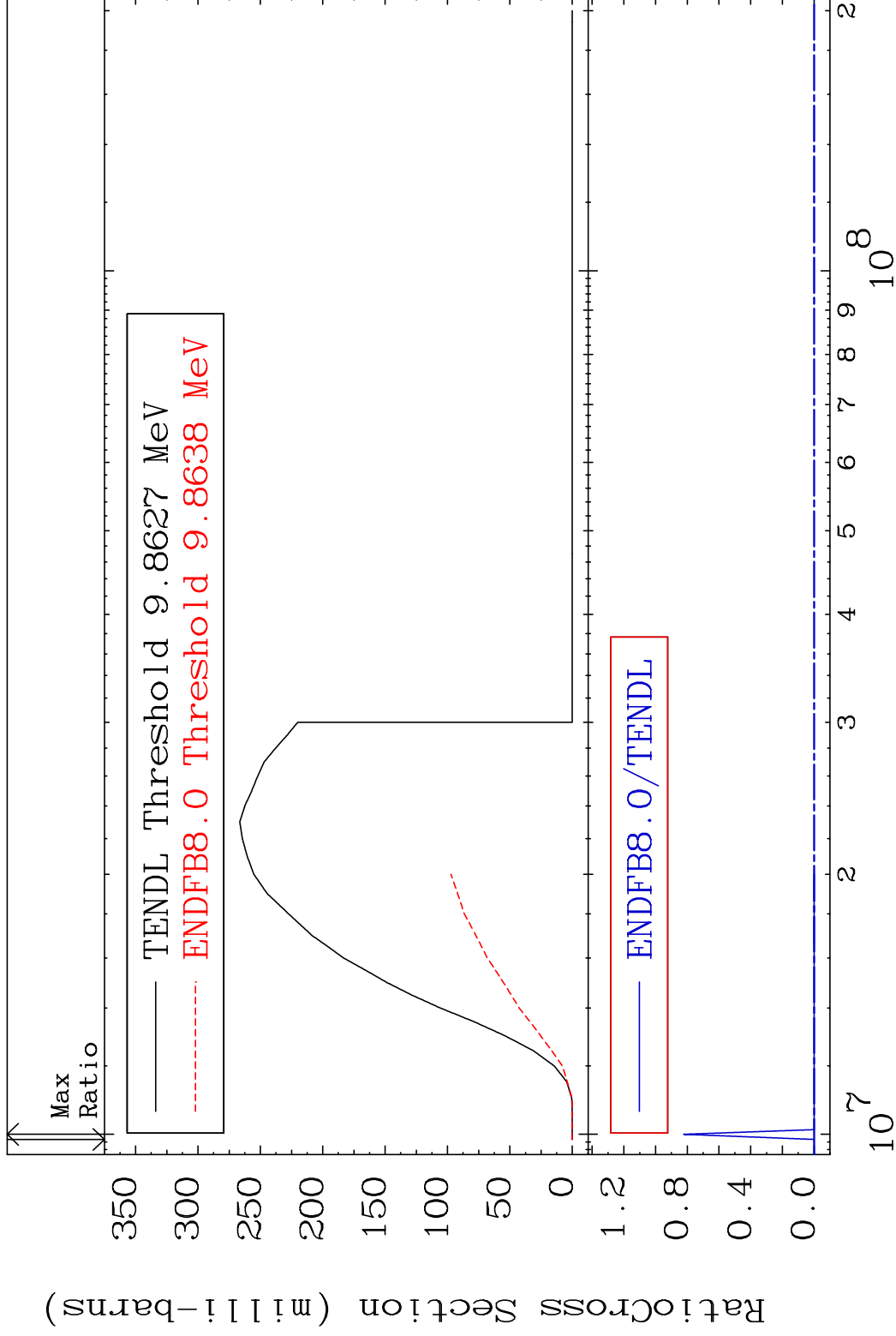
5 16-S -33

MAT 1628

(n, n') p

16-S -33

Cross Section -100.0 To 9999. %

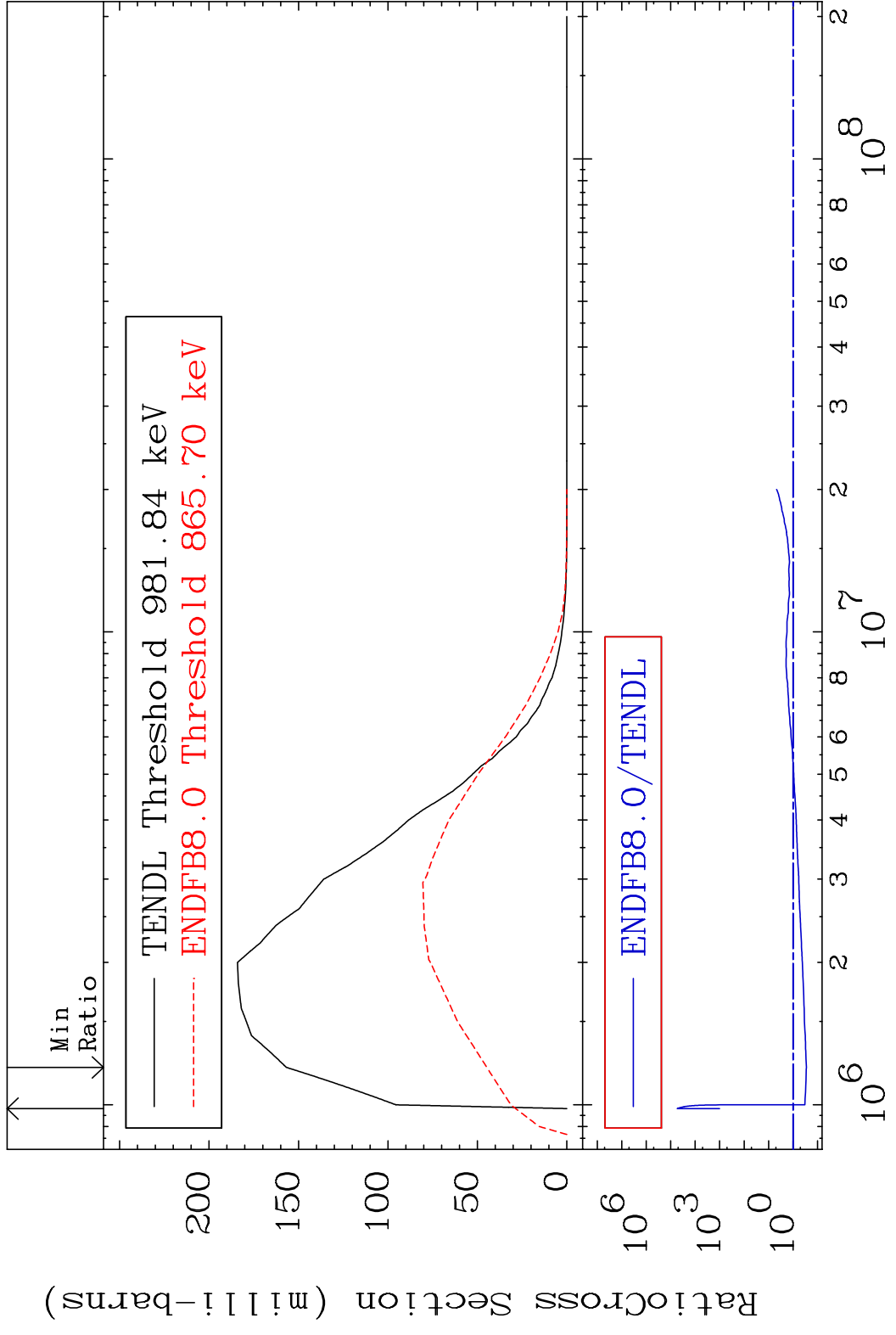


6

Incident Energy (eV)

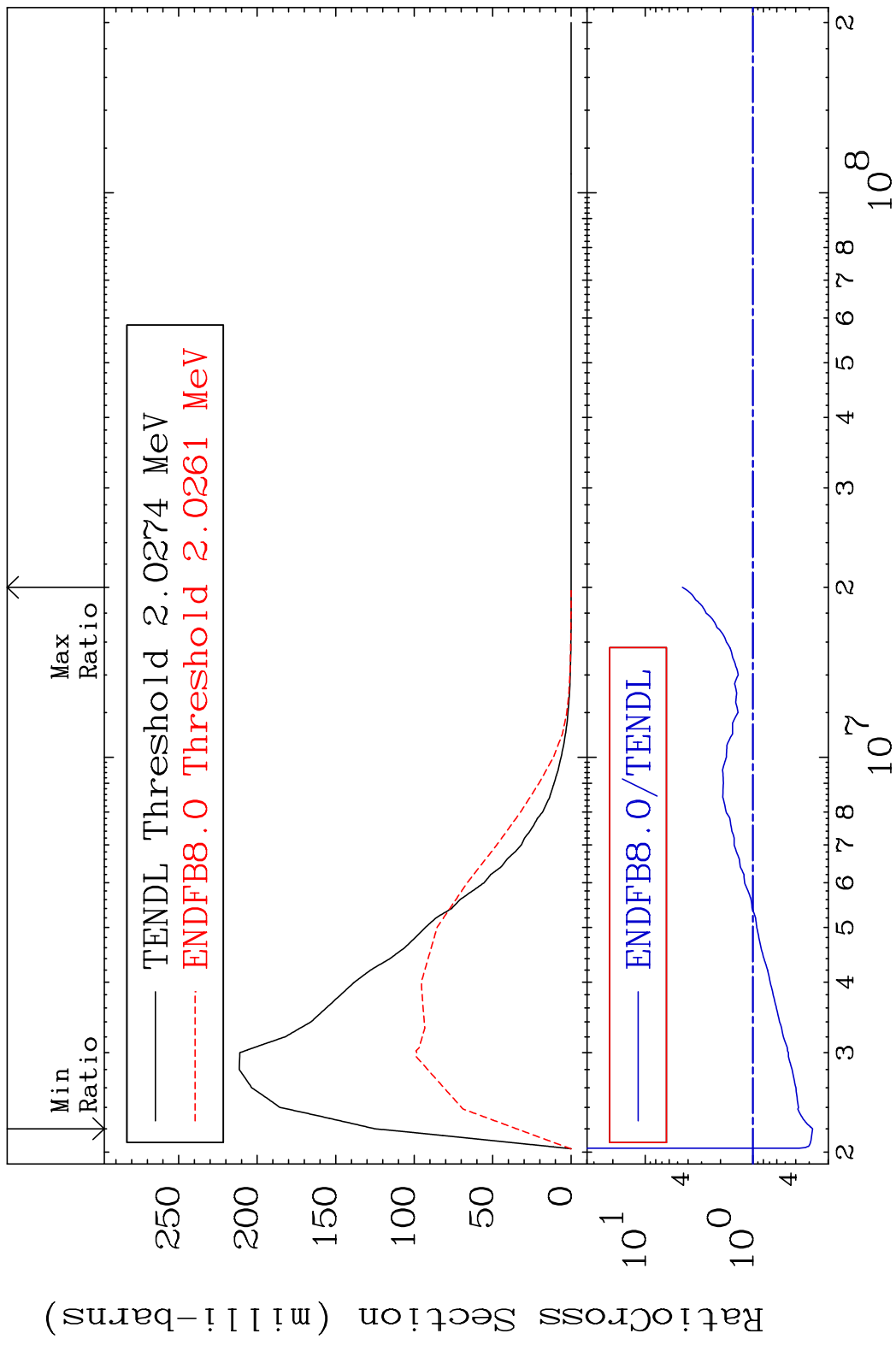
16-S -33

MAT 1628 MT= 51 (n,n') Level 16-S -33
 Cross Section -71.48 To 9999. %



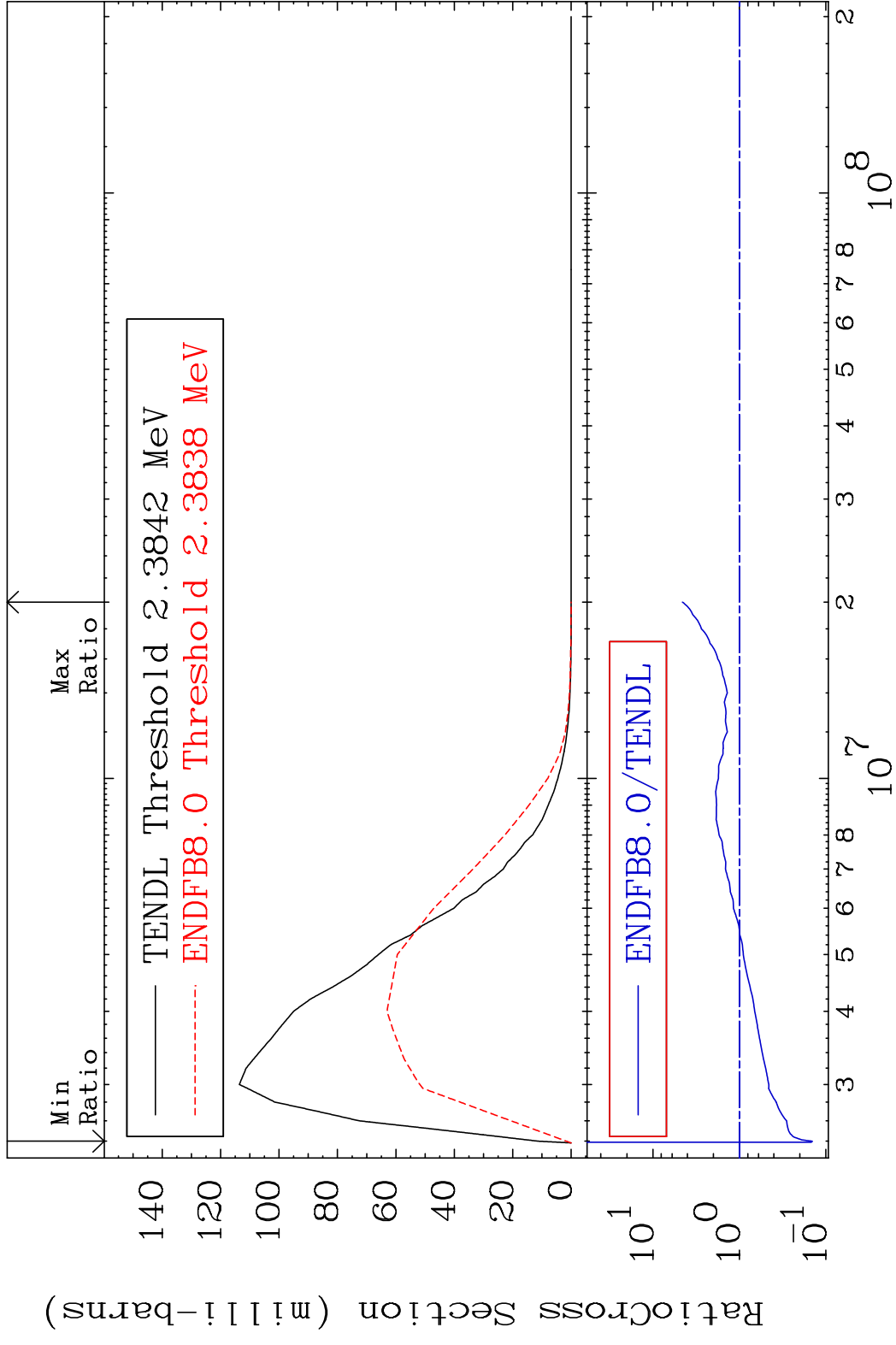
7 Incident Energy (eV) 16-S -33

MAT 1628 MT= 52 (n, n') Level 16-S -33
 Cross Section -72.14 To 352.3 %

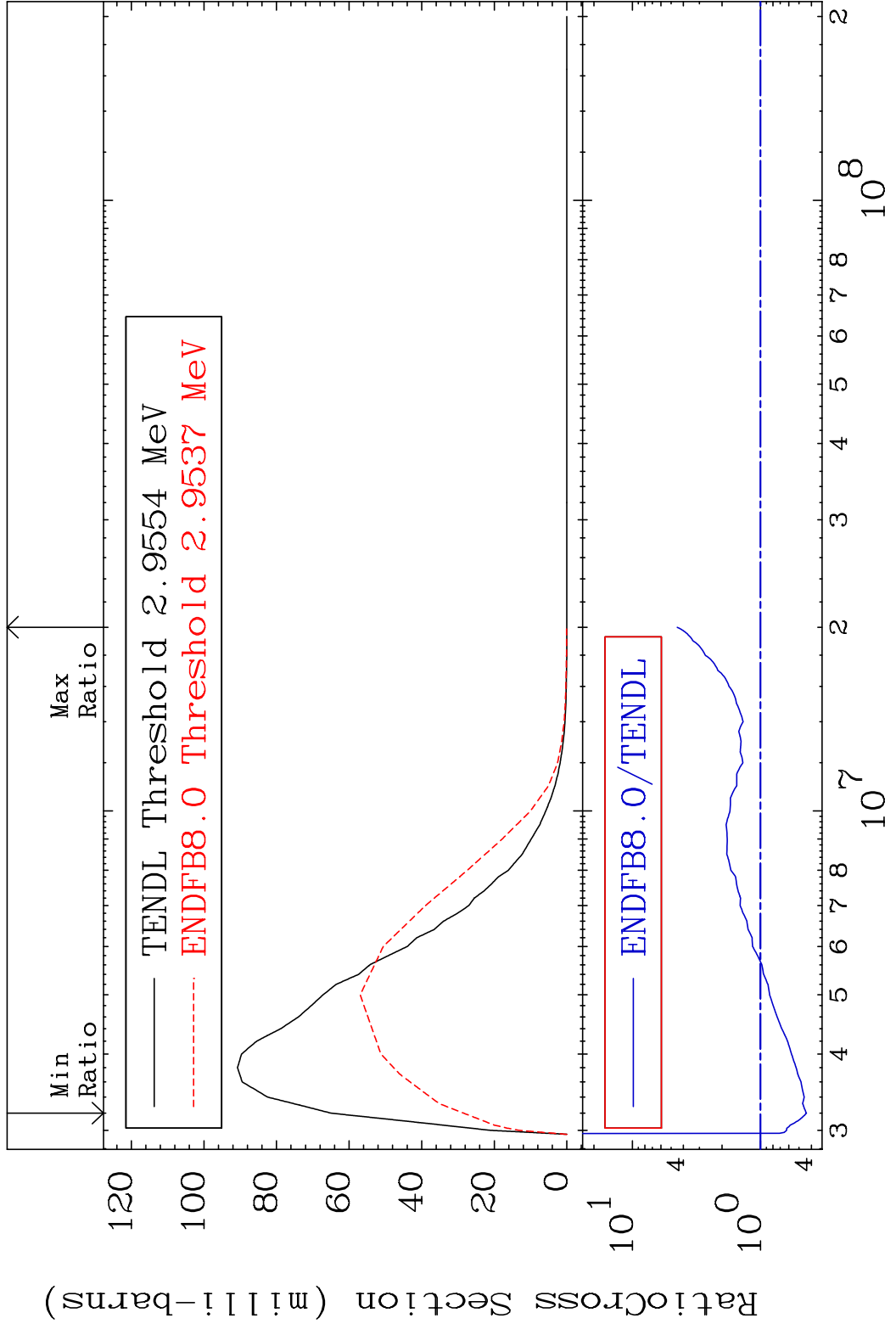


8 8 Incident Energy (eV) 16-S -33

MAT 1628 MT= 53 (n, n') Level 16-S -33
 Cross Section -85.76 To 356.4 %

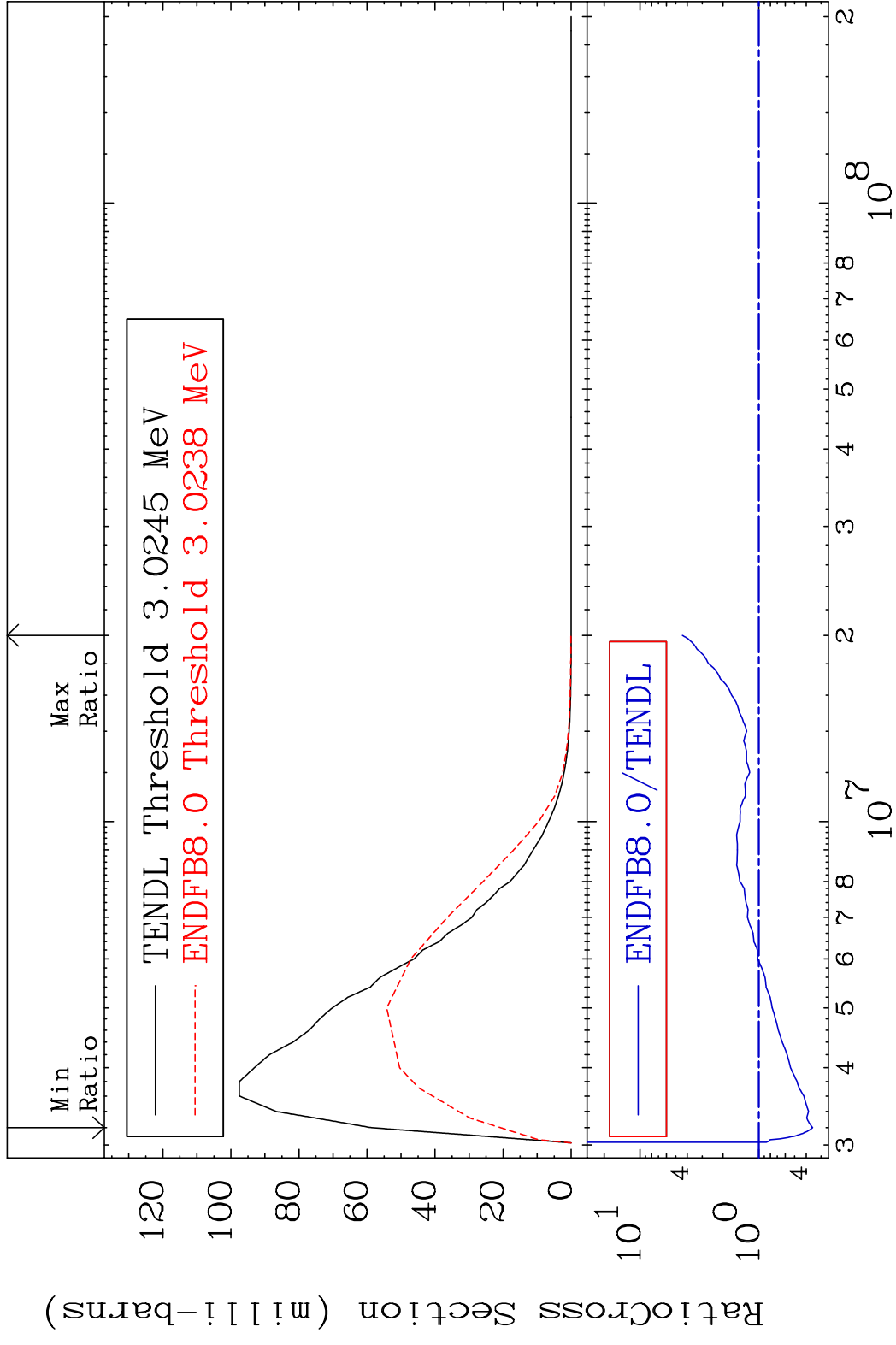


MAT 1628 MT= 54 (n, n') Level 16-S -33
 Cross Section -56.27 To 347.5 %

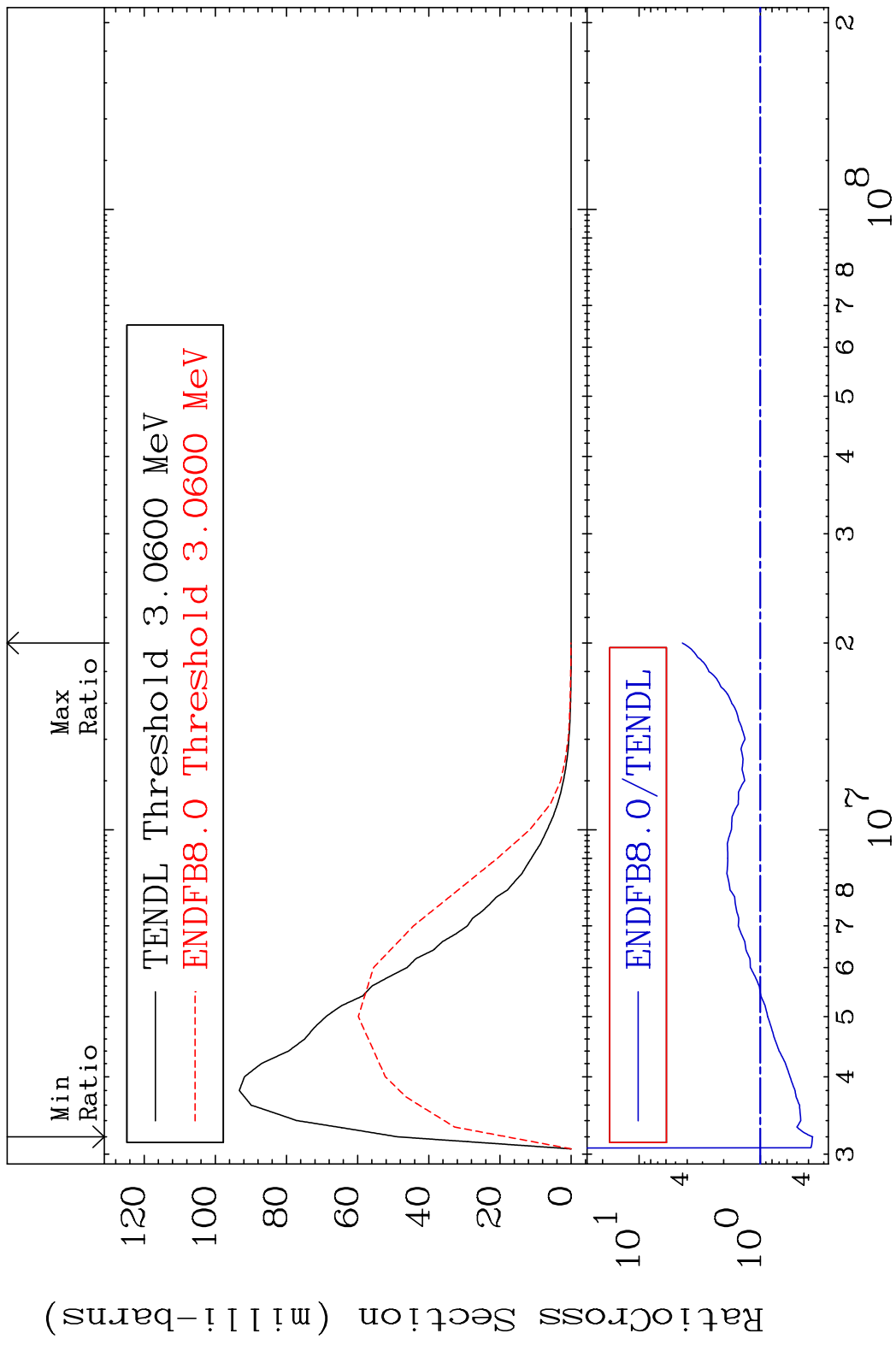


10 16-S -33

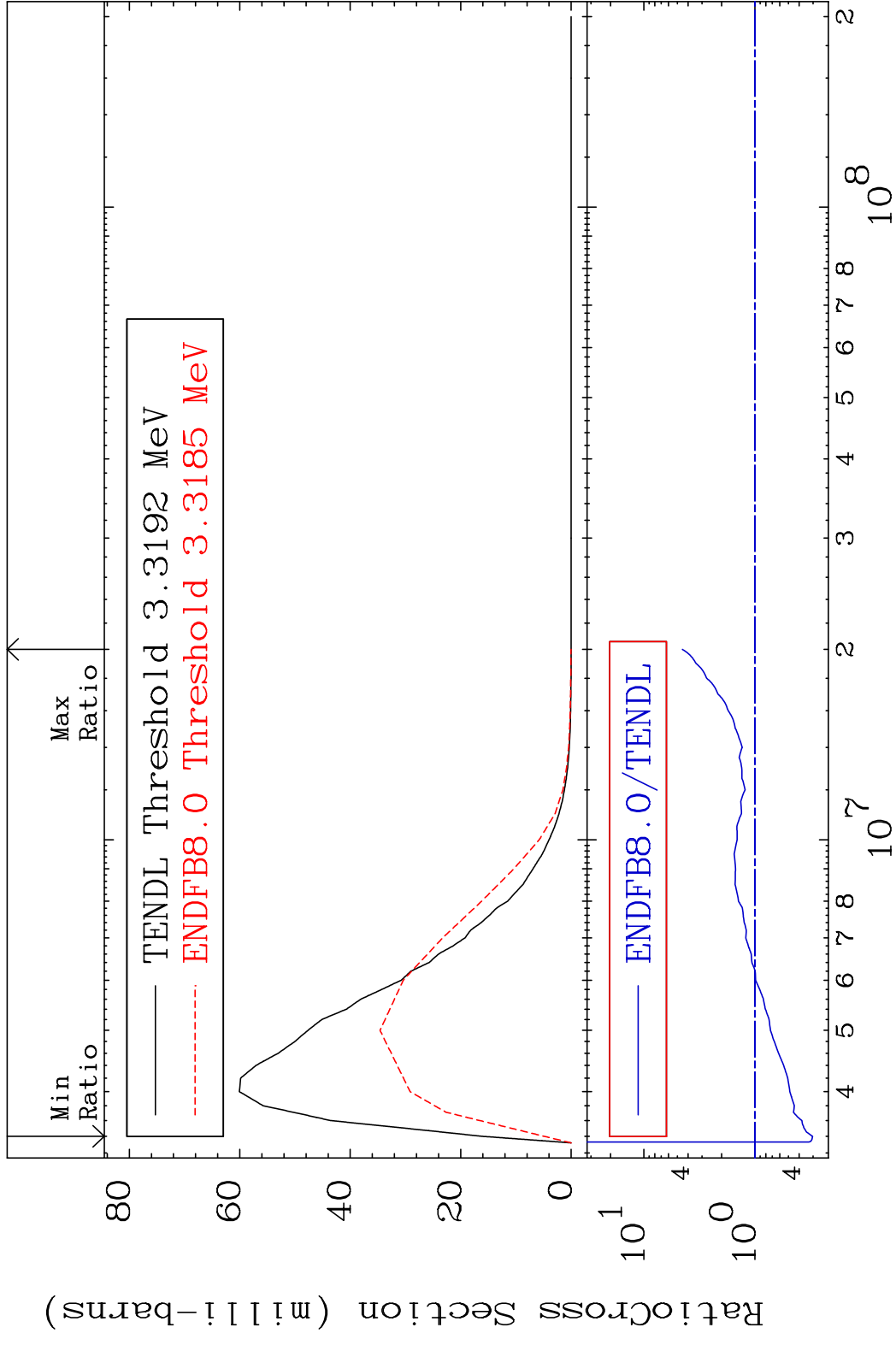
MAT 1628 MT= 55 (n,n') Level 16-S -33
 Cross Section -64.68 To 340.0 %



MAT 1628 MT= 56 (n,n') Level 16-S -33
 Cross Section -62.94 To 338.9 %



MAT 1628 MT= 57 (n, n') Level 16-S -33
 Cross Section -69.66 To 350.8 %

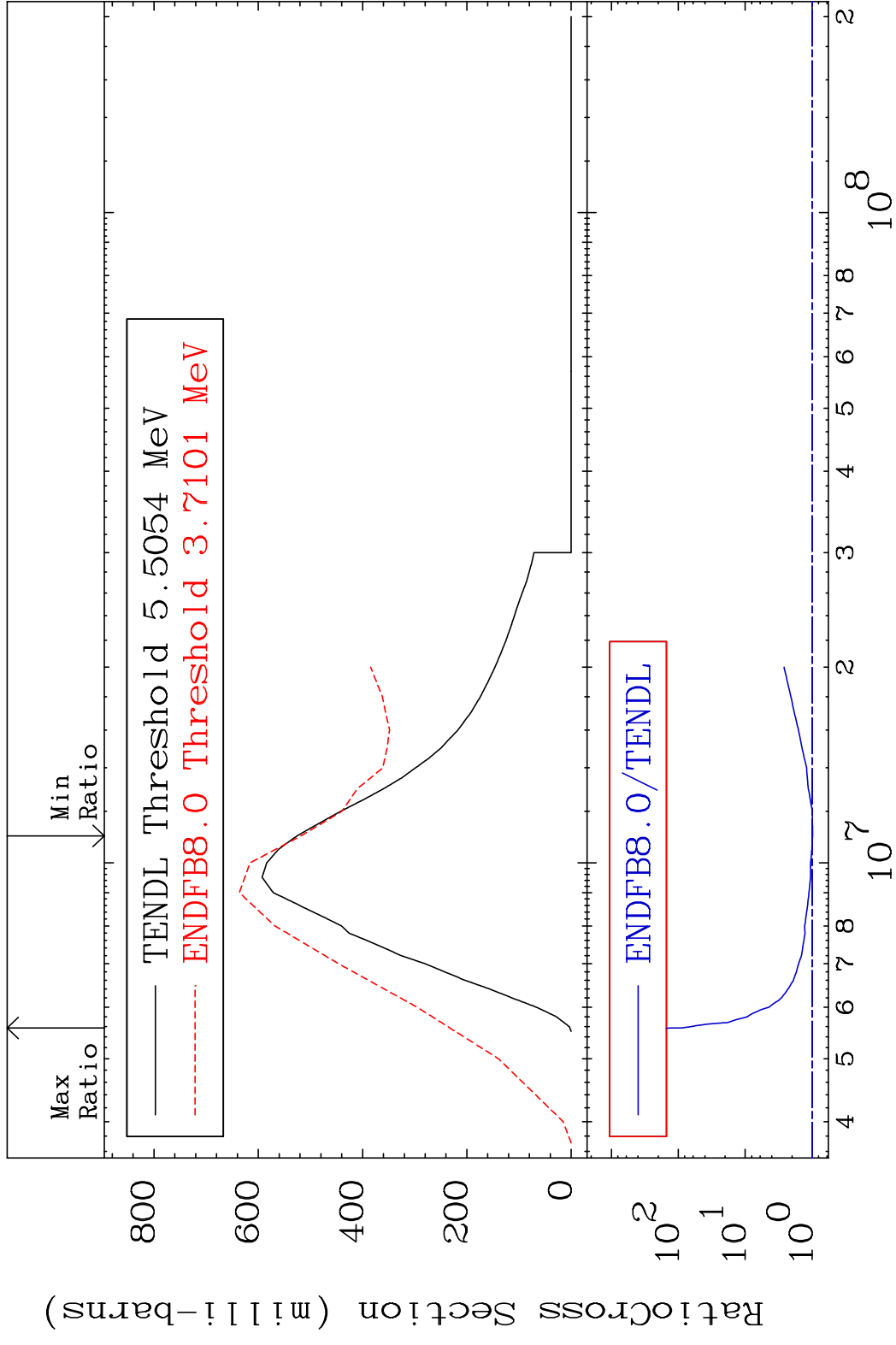


MAT 1628

(n,n') Continuum

16-S -33

Cross Section -1.422 To 8593. %



14

Incident Energy (eV)

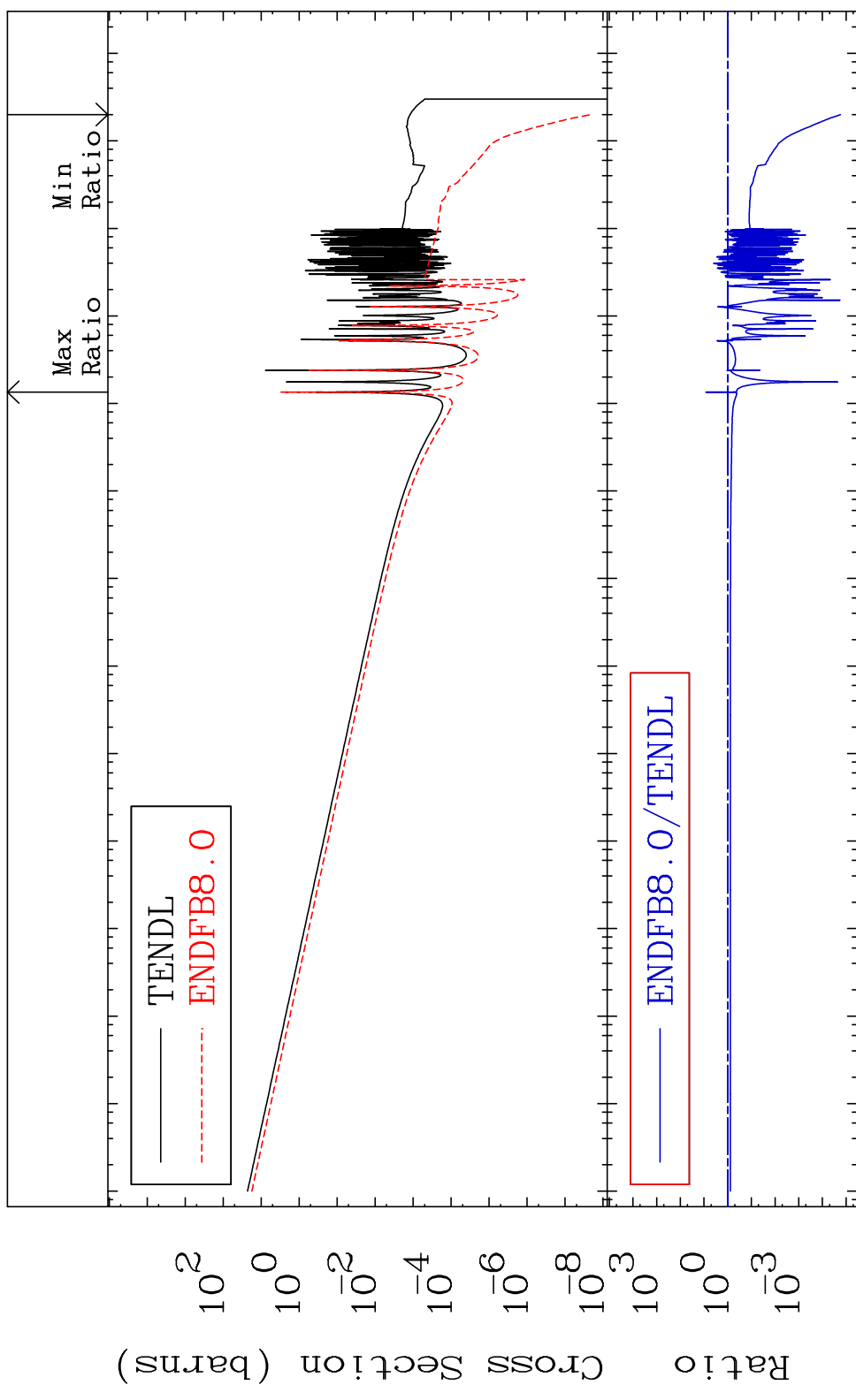
16-S -33

MAT 1628

(n, γ)

16-S -33

Cross Section -100.0 To 742.4 %



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

15

Incident Energy (eV)

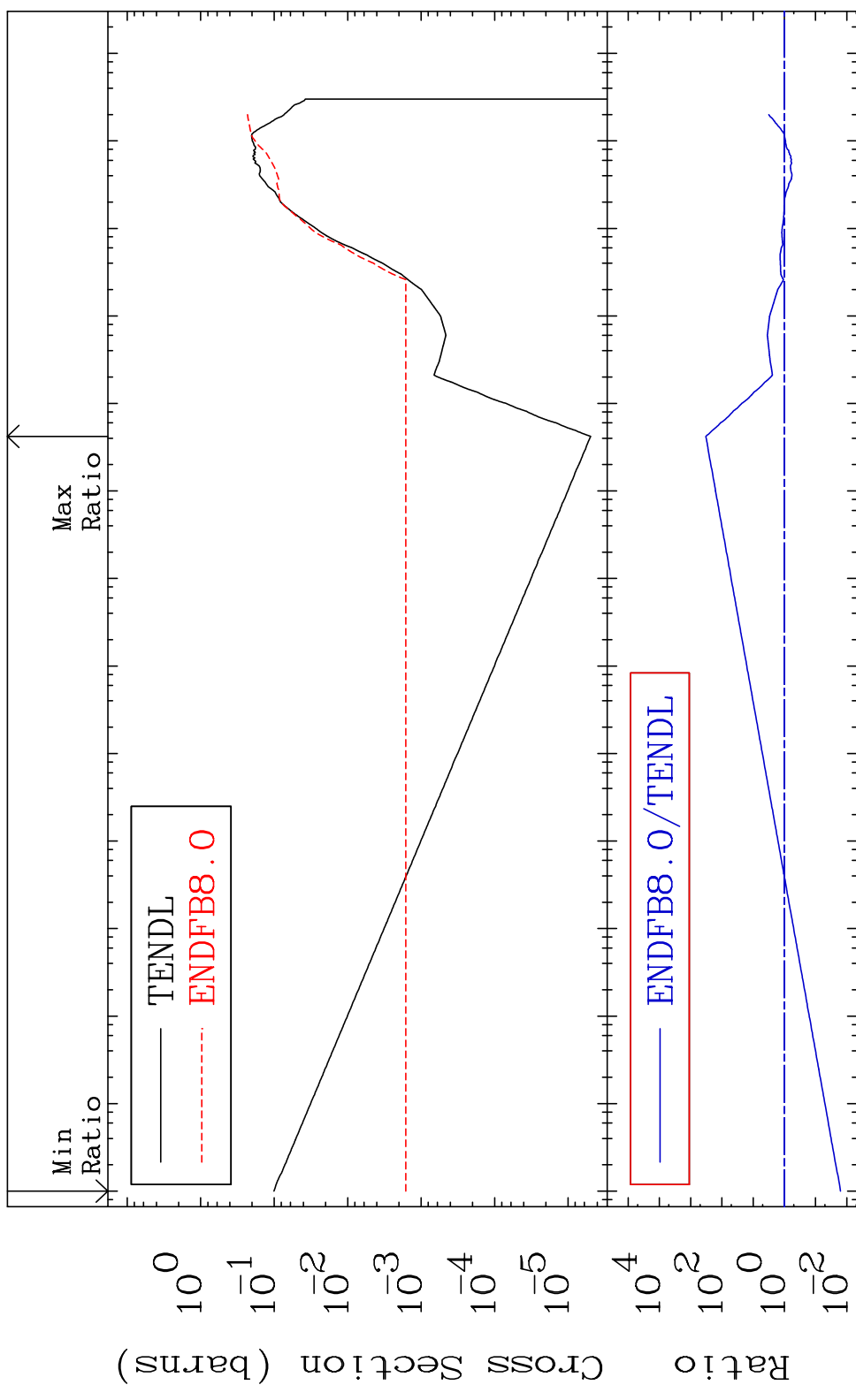
16-S -33

MAT 1628

(n, p)

16-S -33

Cross Section -98.40 To 9999. %



16

Incident Energy (eV)

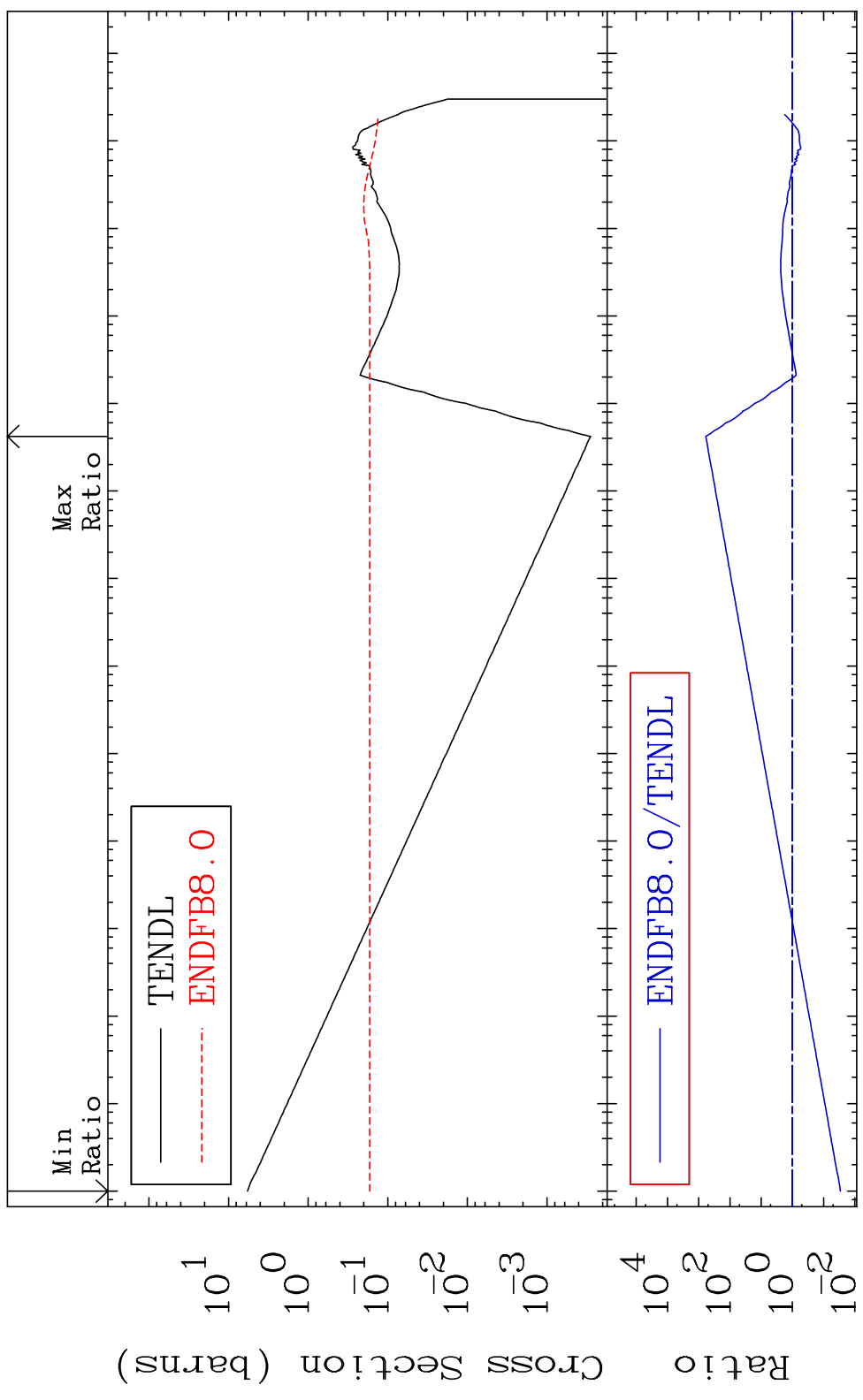
16-S -33

MAT 1628

(n, α)

16-S -33

Cross Section -97.08 To 9999. %



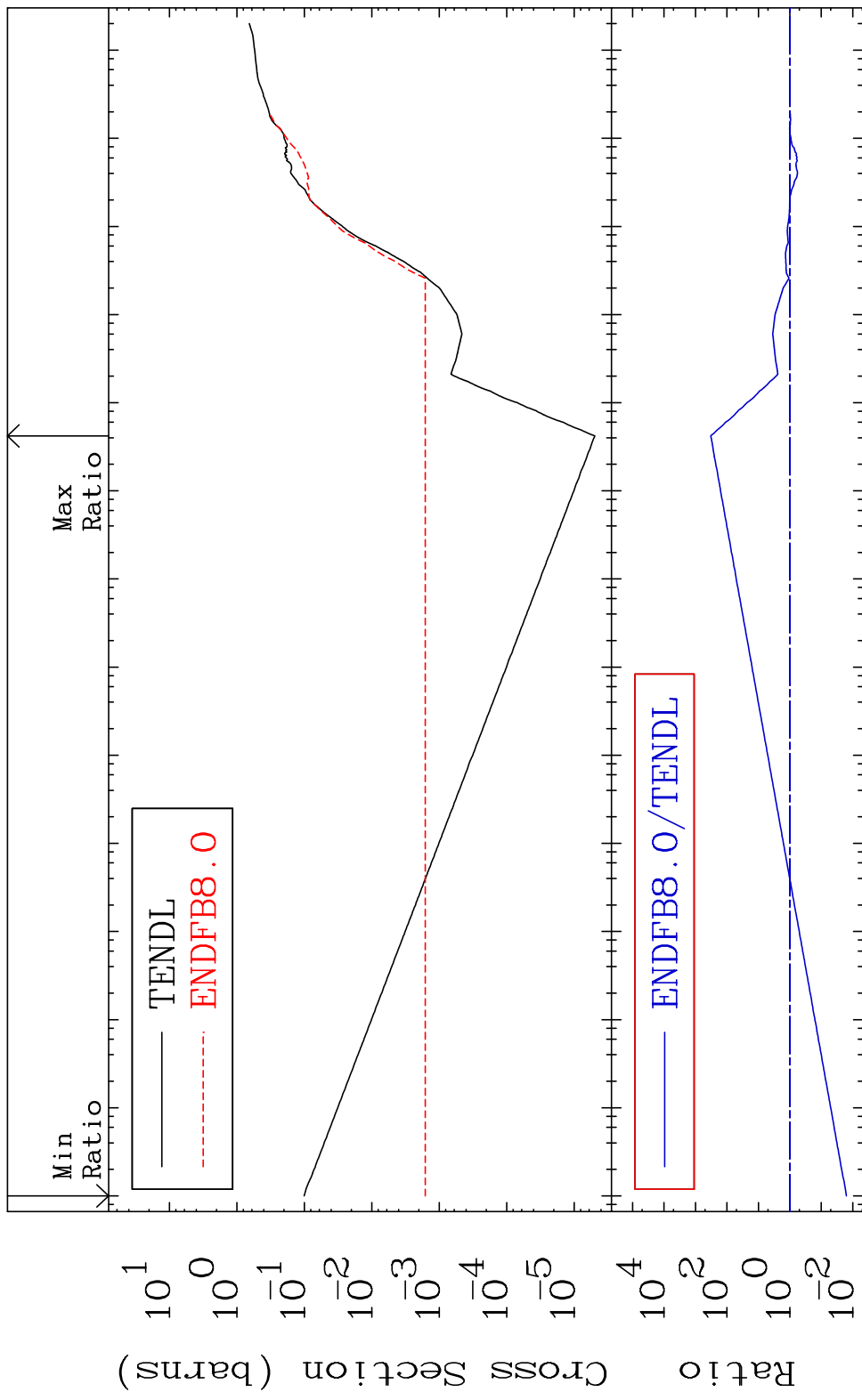
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

17

Incident Energy (eV)

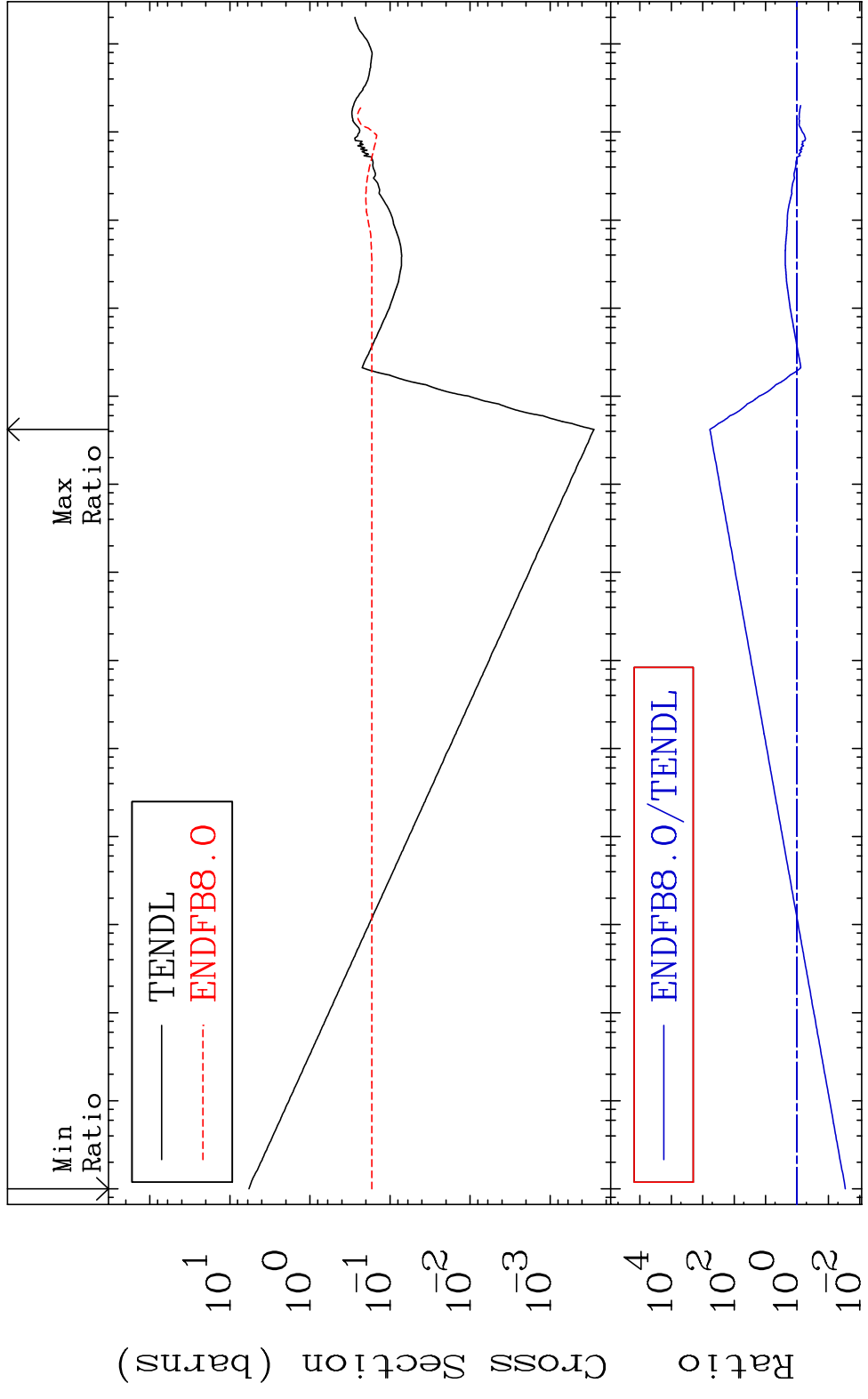
16-S -33

MAT 1628 Hydrogen Production Cross Section -98.40 To 9999. % 16-S -33

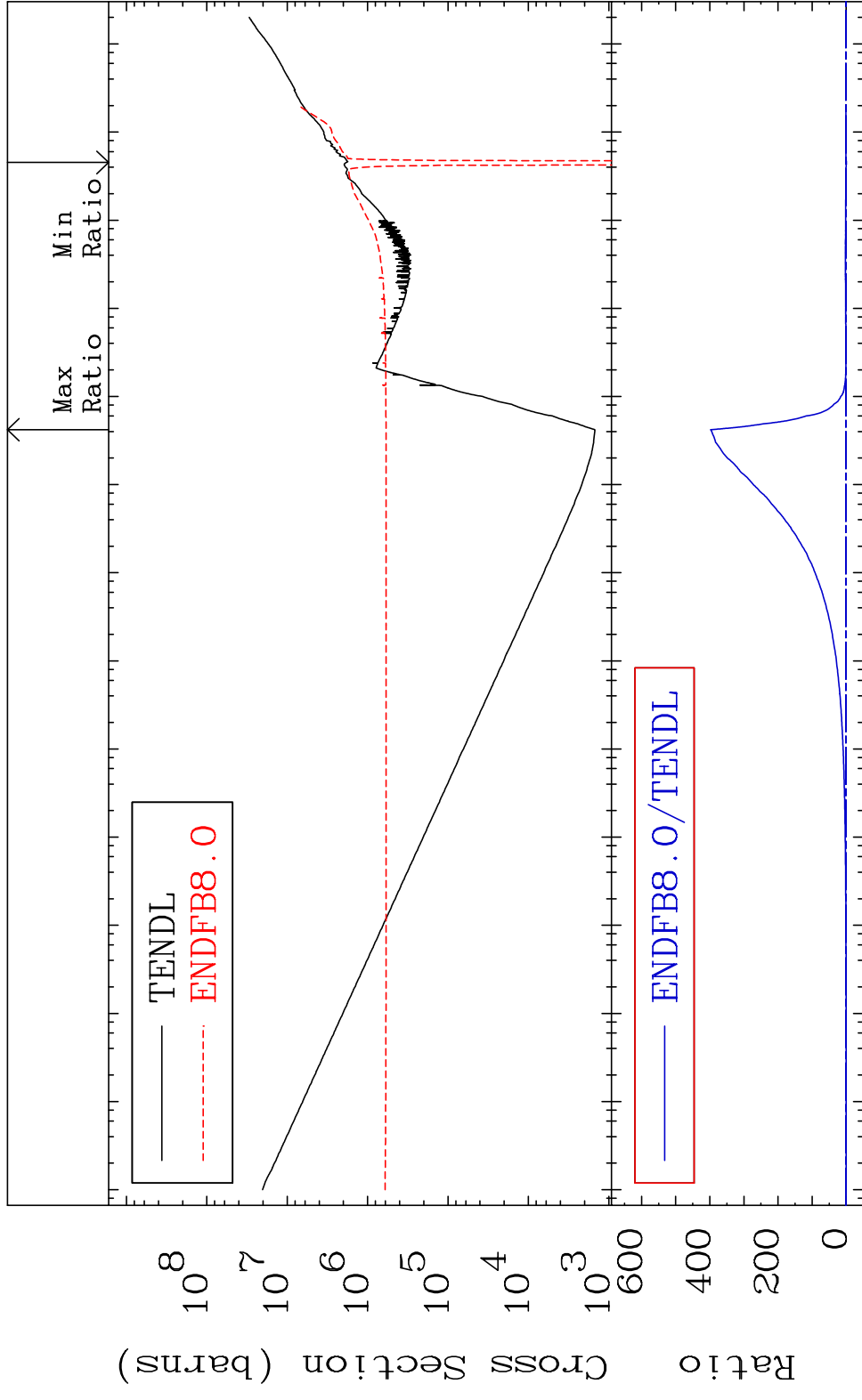


18 Incident Energy (eV) 16-S -33

MAT 1628 He-4 Production 16-S -33
 Cross Section -97.08 To 9999. %



MAT 1628 Kerma total (eV-barns) 16-S -33
 Cross Section -124.7 To 9999. %

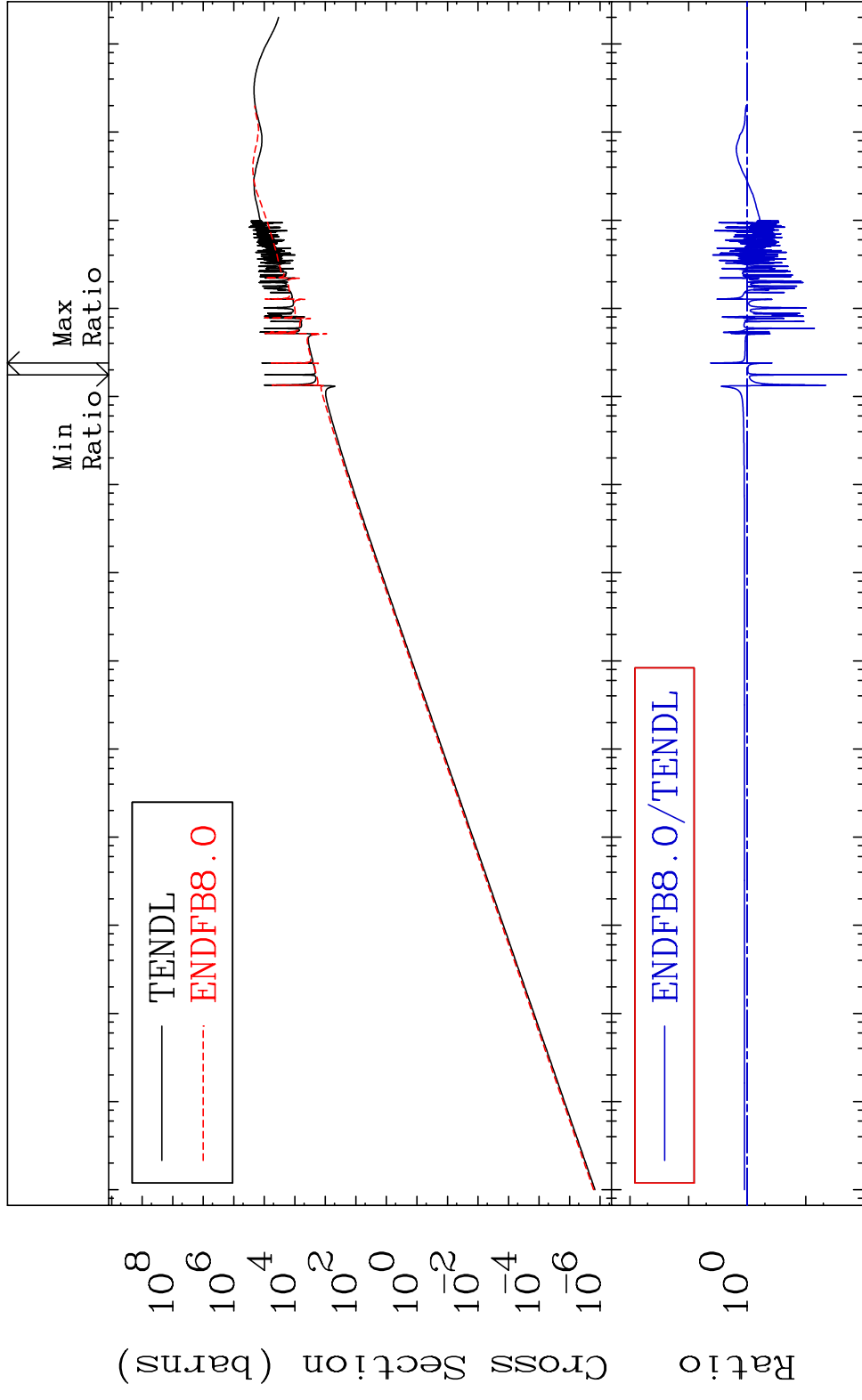


20 Incident Energy (eV) 16-S -33

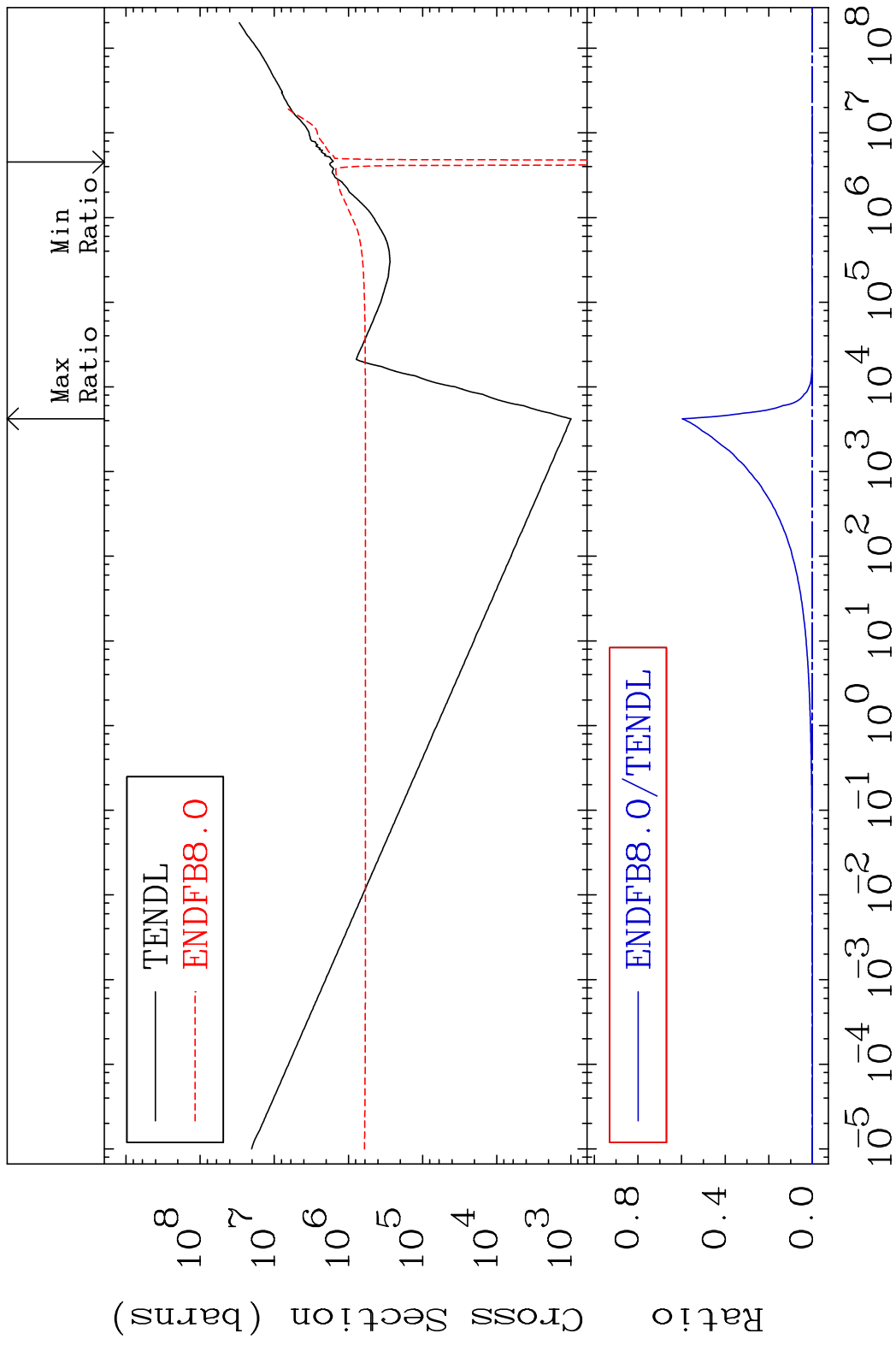
MAT 1628

Kerma elastic
Cross Section

16-S -33
-97.97 To 319.7 %

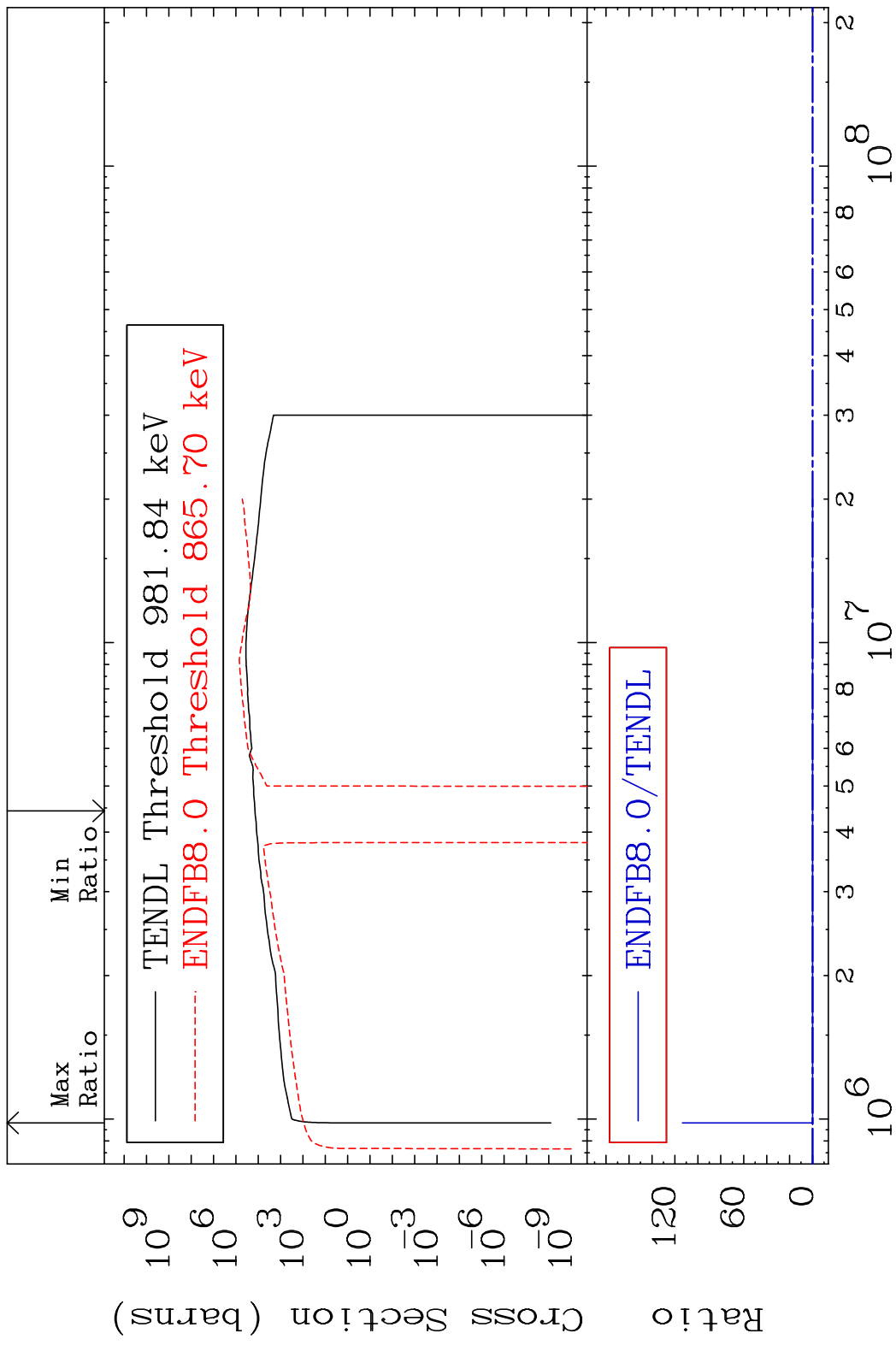


MAT 1628 Kerma non-elastic (all but mt2) 16-S -33
 Cross Section -141.0 To 9999. %

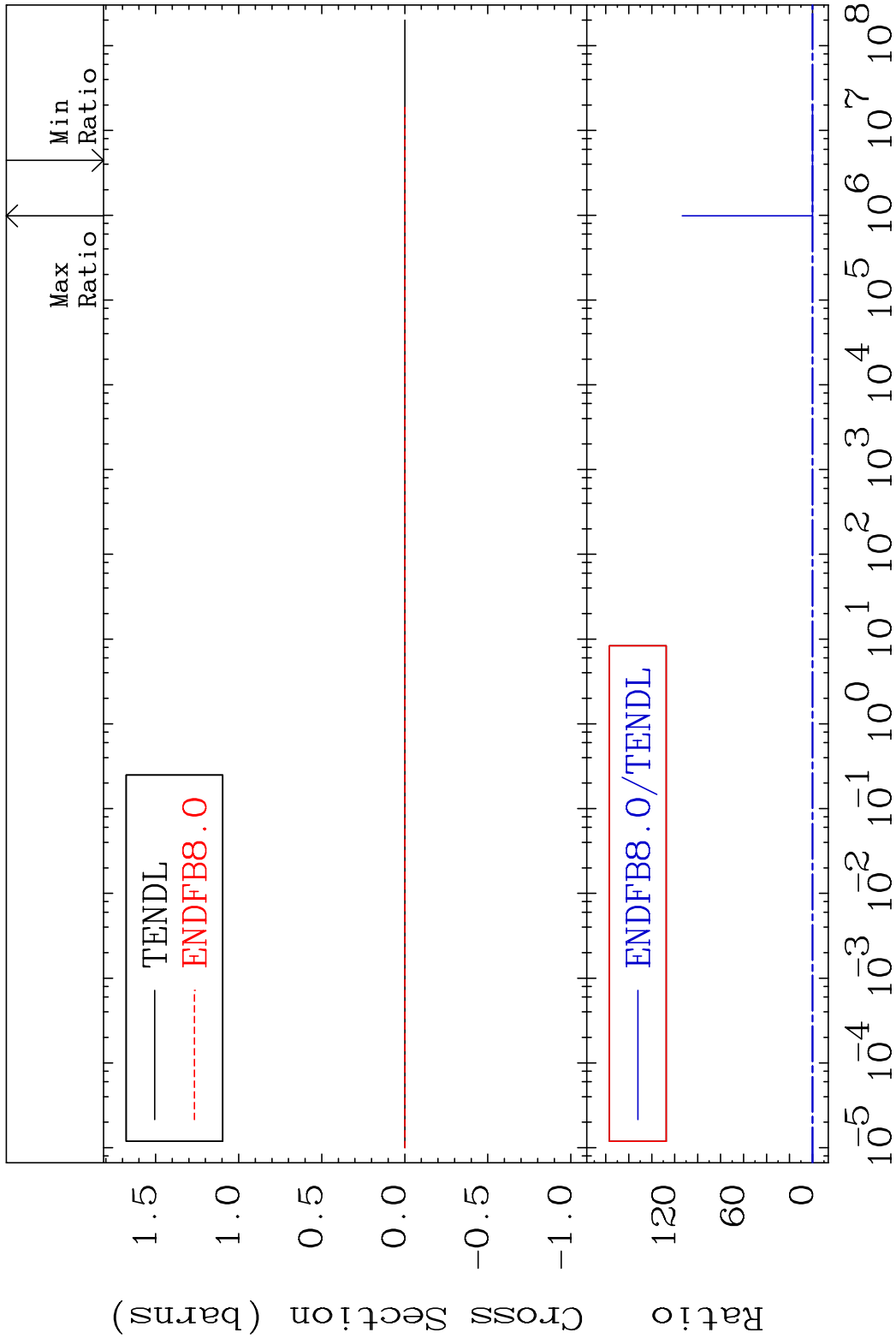


22 Incident Energy (eV) 16-S -33

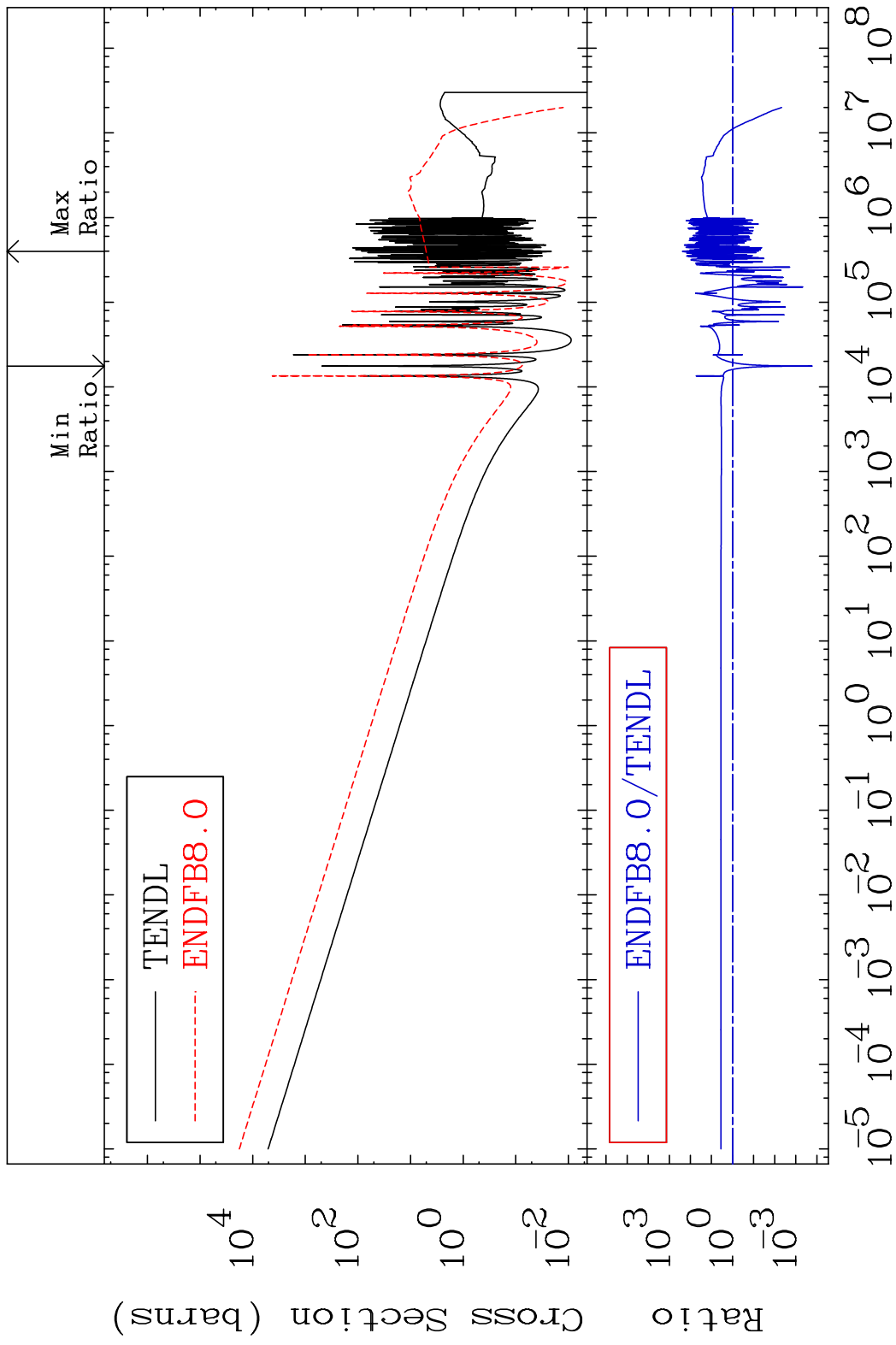
MAT 1628 Kerma inelastic (mt51-91) 16-S -33
 Cross Section -1635. To 9999. %



MAT 1628 Kerma fission (mt18 or mt19-20-21-38) 16-S -33
 Cross Section -1635. To 9999. %

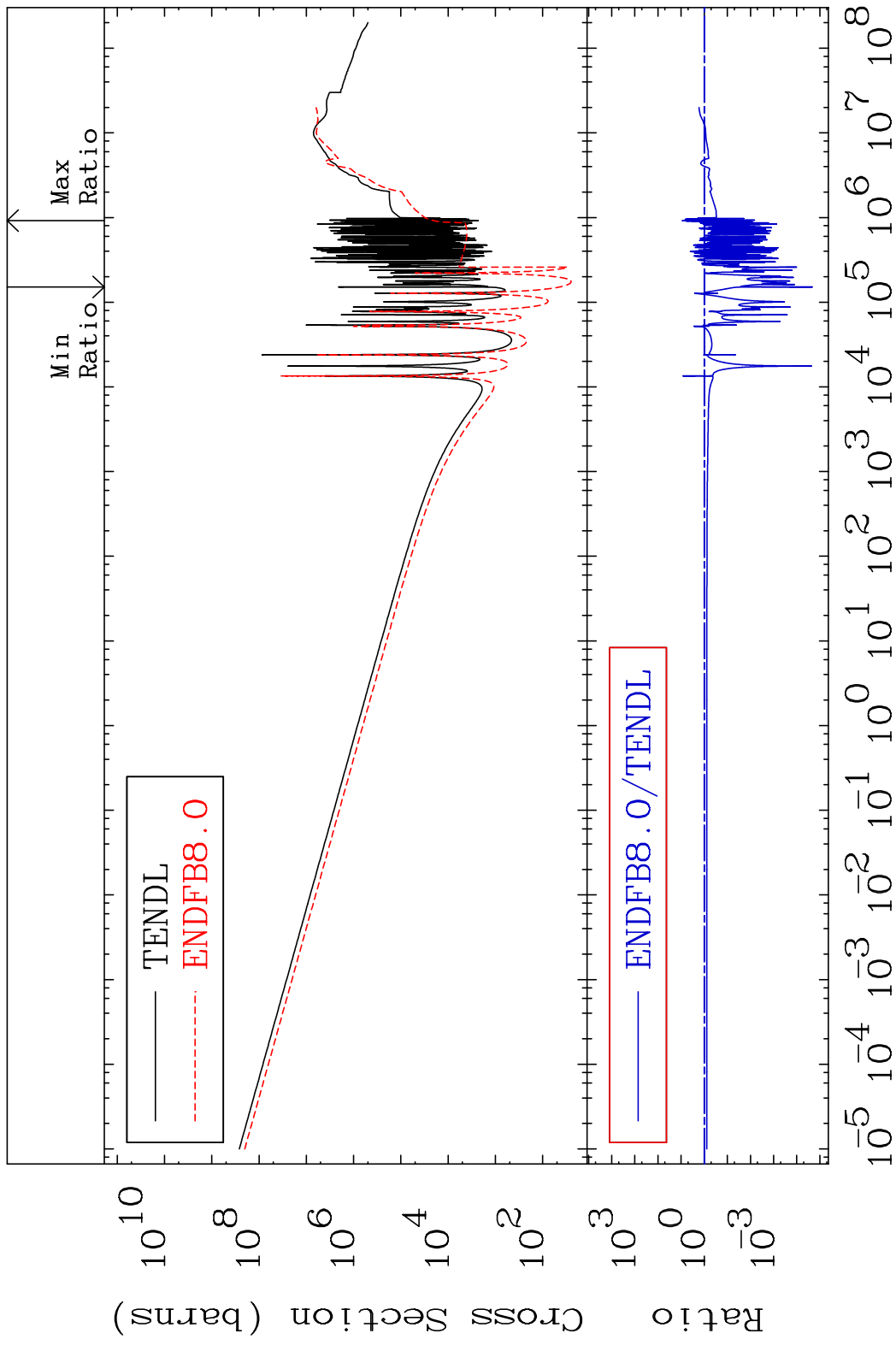


MAT 1628 Kerma capture (mt102) 16-S -33
 Cross Section -99.98 To 9999. %



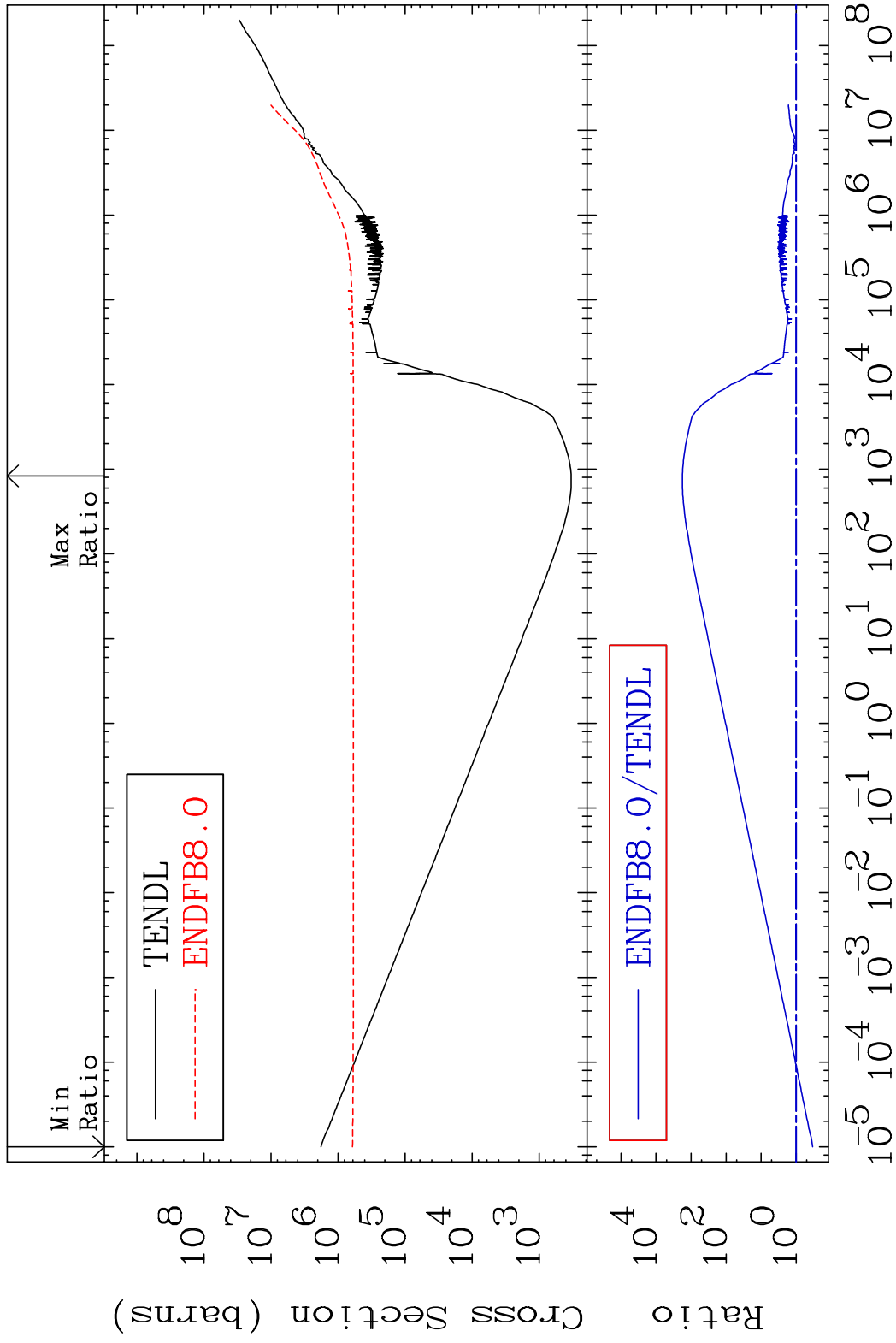
25 Incident Energy (eV) 16-S -33

MAT 1628 Total photon (eV-barns) 16-S -33
 Cross Section -100.0 To 782.3 %

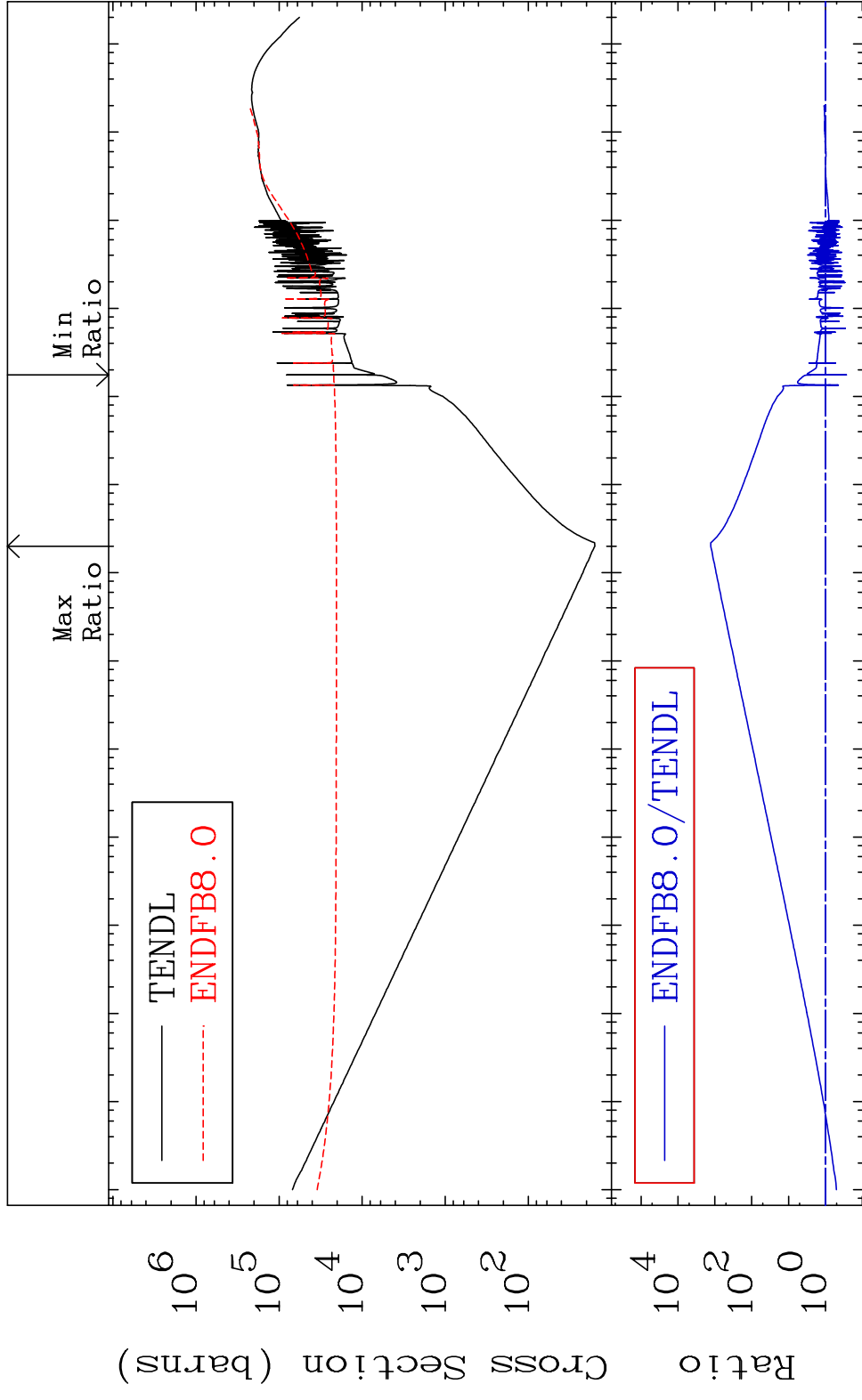


26 Incident Energy (eV) 16-S -33

MAT 1628 Total kinematic kerma (high limit) 16-S -33
 Cross Section -66.11 To 9999. %



MAT 1628 Dpa total (eV-barns) 16-S -33
 Cross Section -72.87 To 9999. %

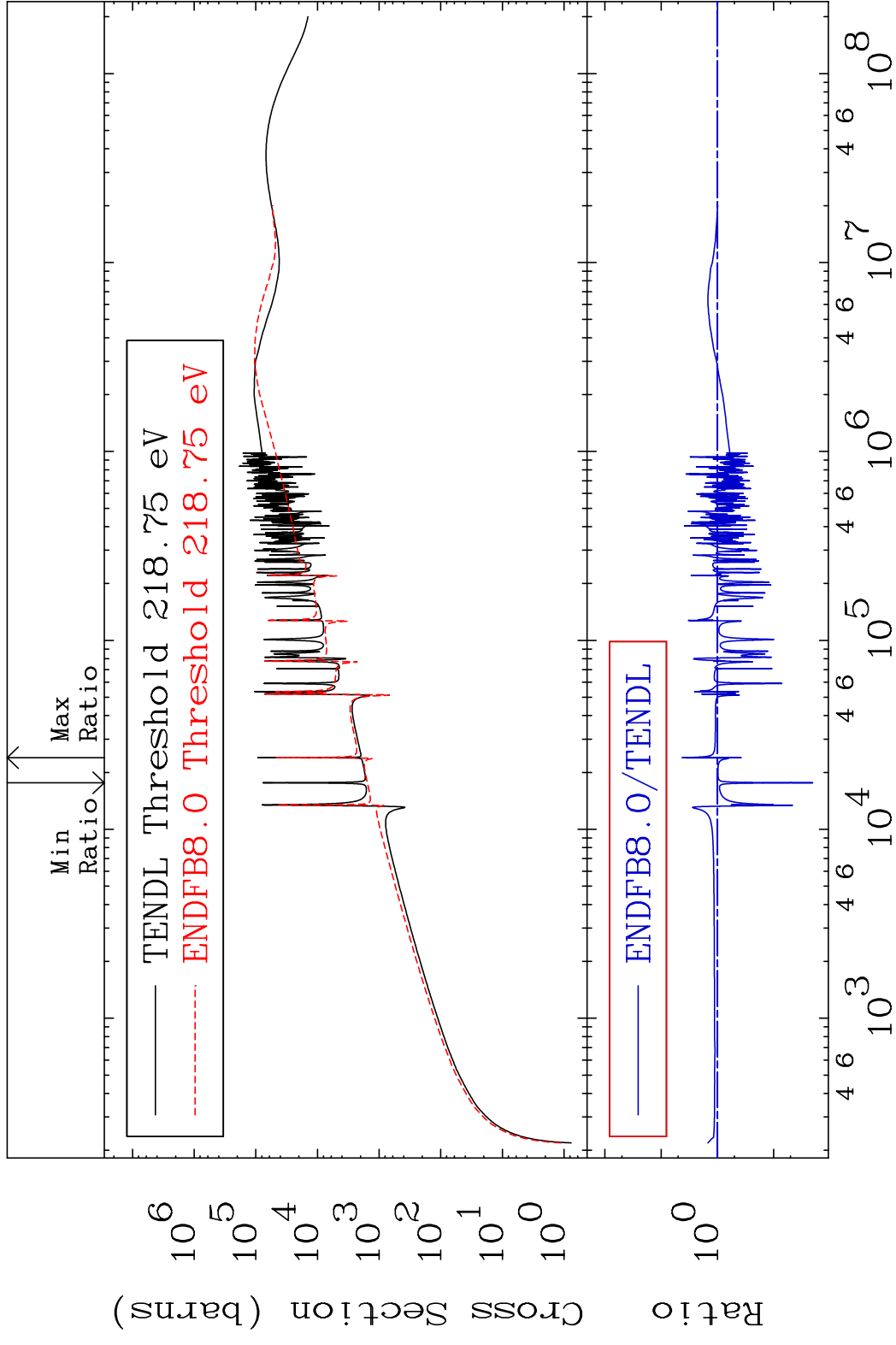


MAT 1628

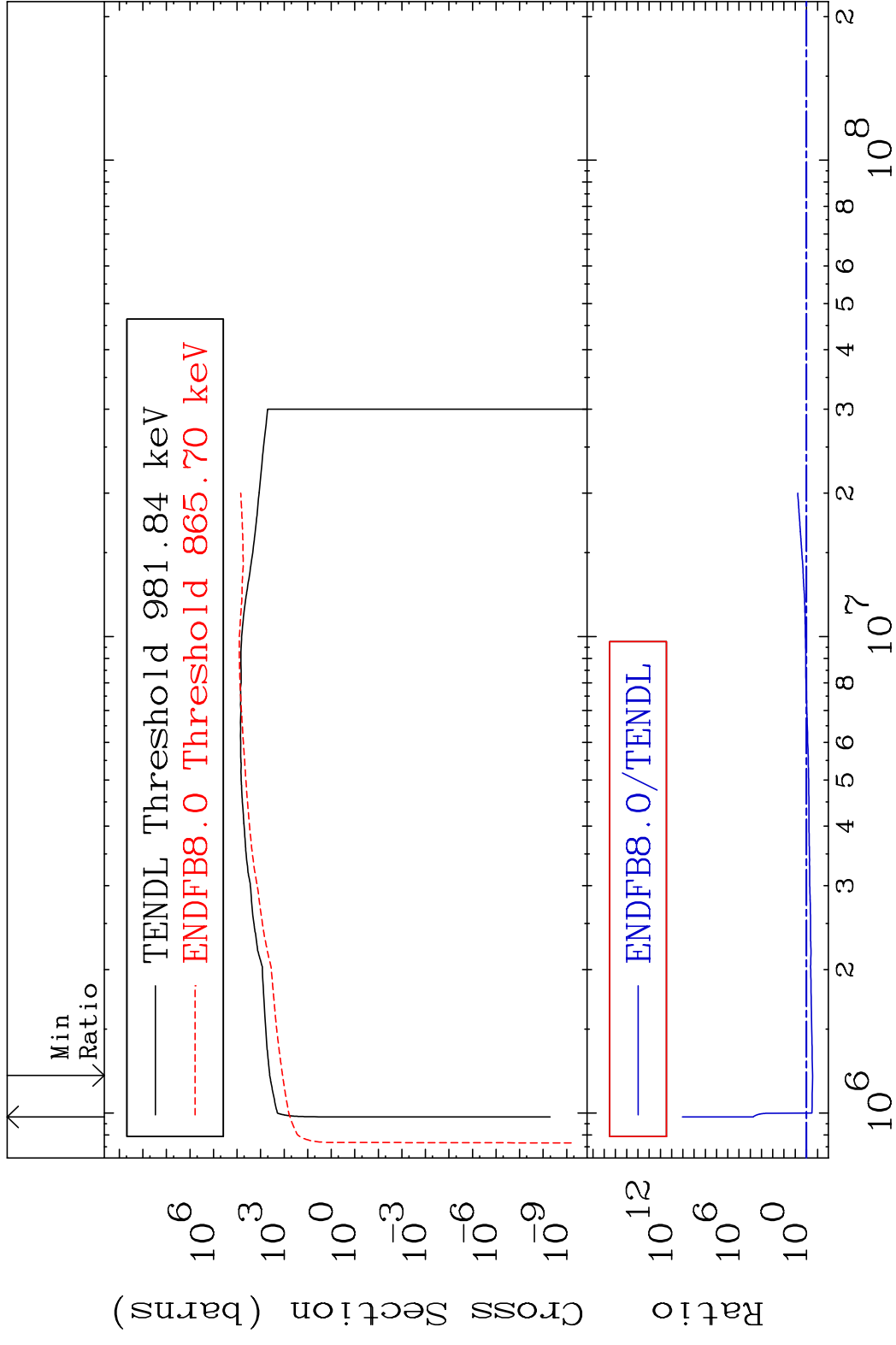
Dpa elastic (mt2)

16-S -33

Cross Section -97.97 To 319.8 %



MAT 1628 Dpa inelastic (mt51-91) 16-S -33
 Cross Section -71.45 To 9999. %



30 Incident Energy (eV) 16-S -33

MAT 1628 Dpa disappearance (mt102 -120) 16-S -33
 Cross Section -49.43 To 9999. %

