

Program Complot
(Version 2021-1)

by

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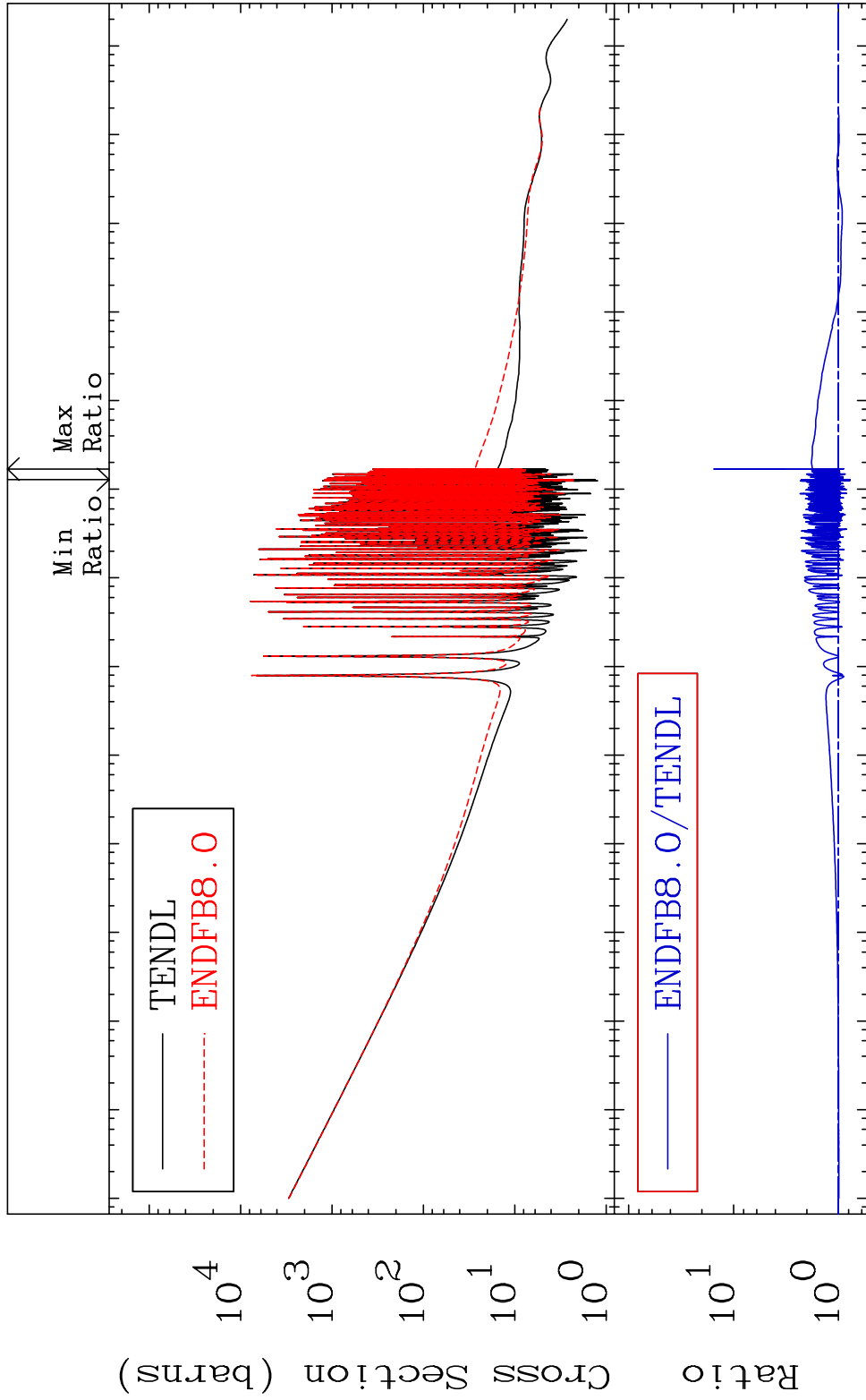
Press Mouse Button to Start

MAT 7034

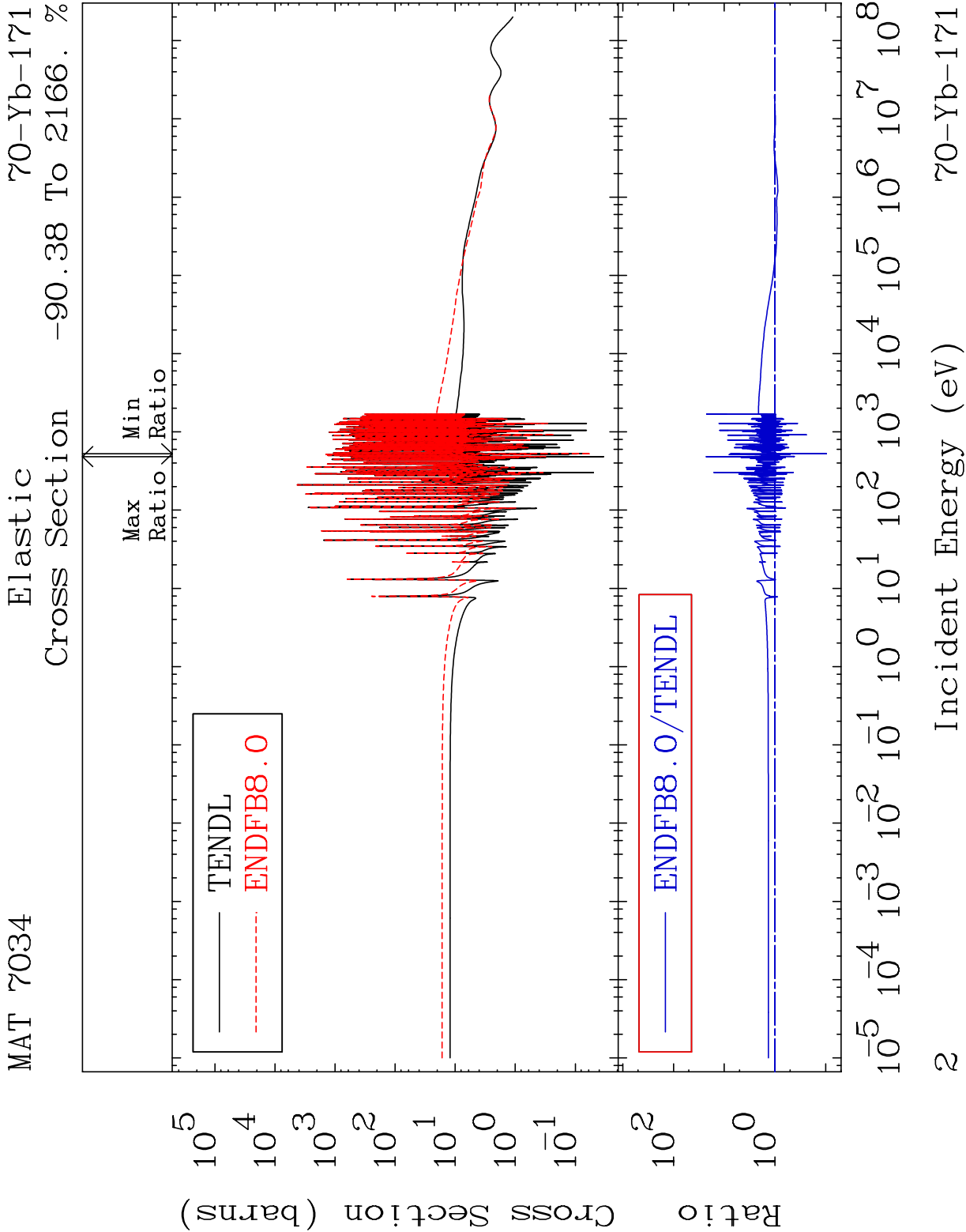
Total

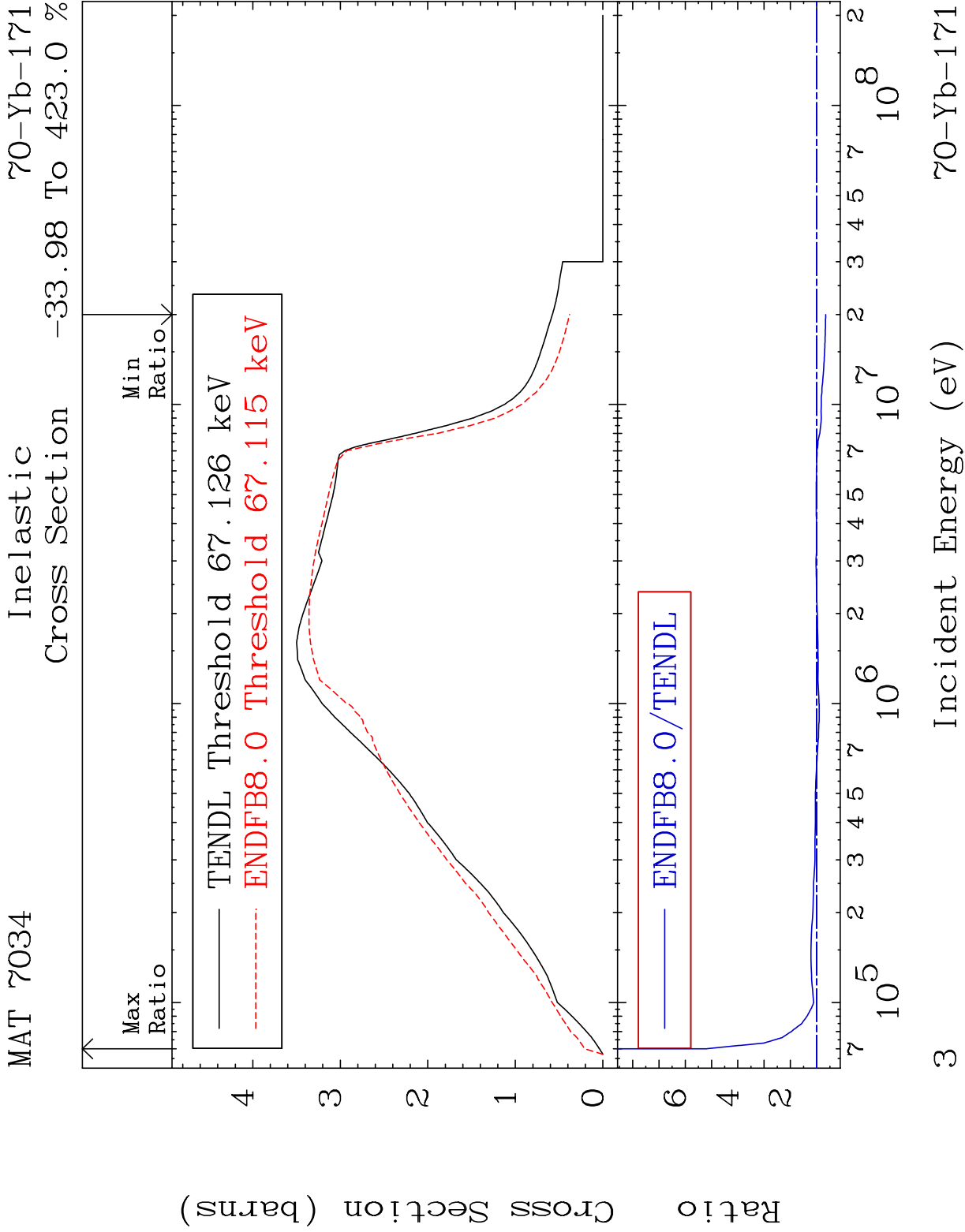
70-Yb-171

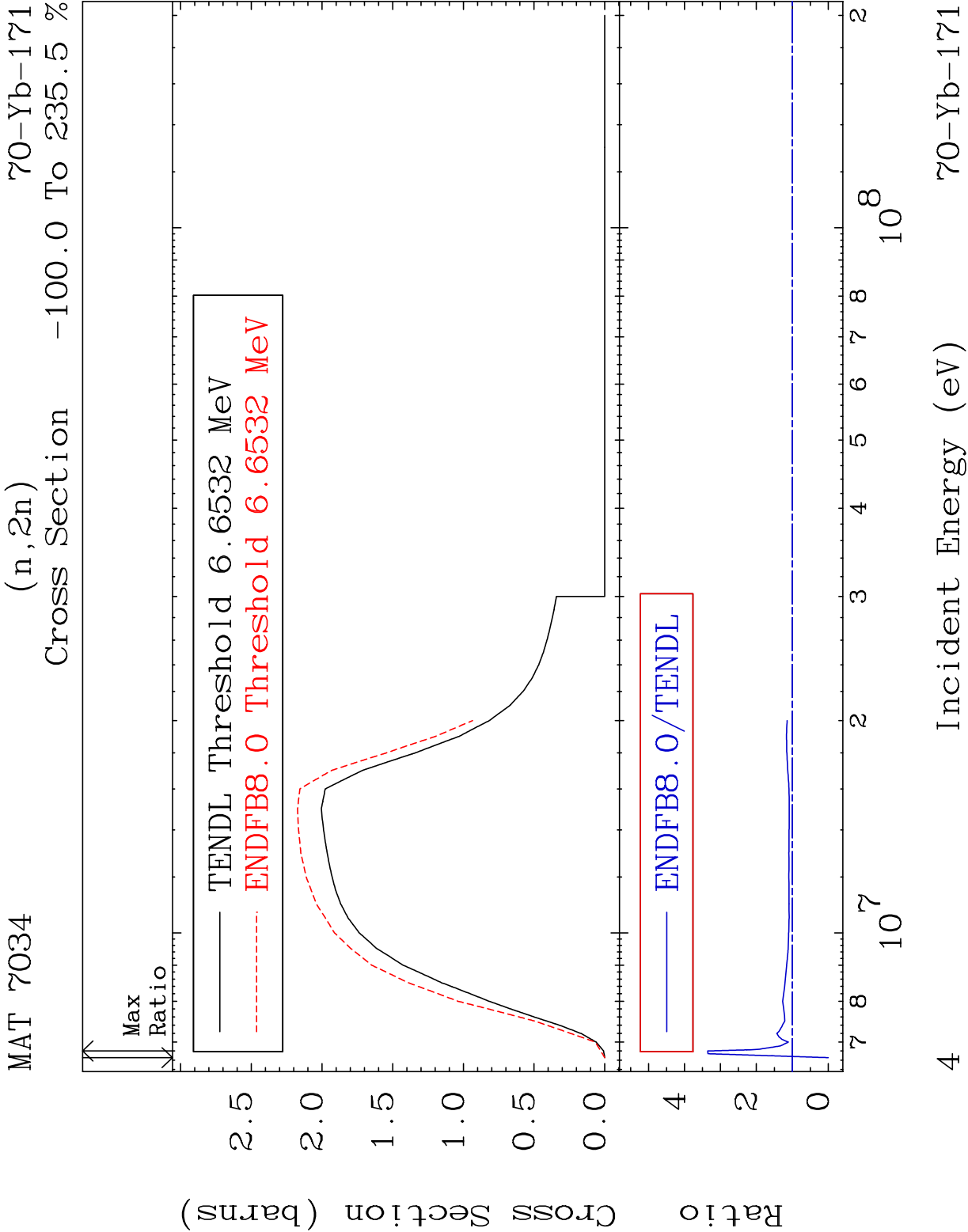
Cross Section -22.78 To 1435. %



1 Incident Energy (eV) 70-Yb-171





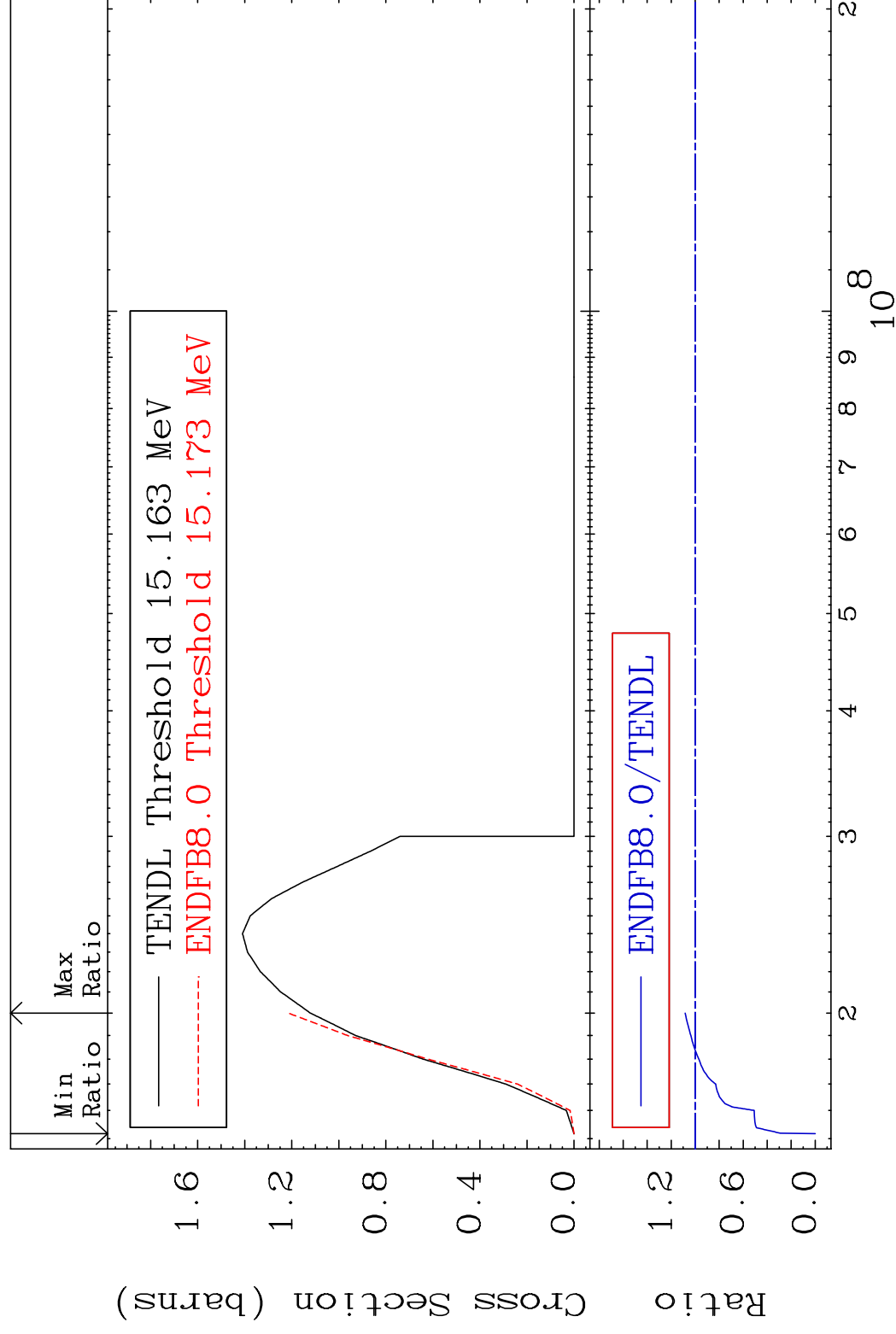


MAT 7034

$$(n, 3n)$$

70-Yb-171

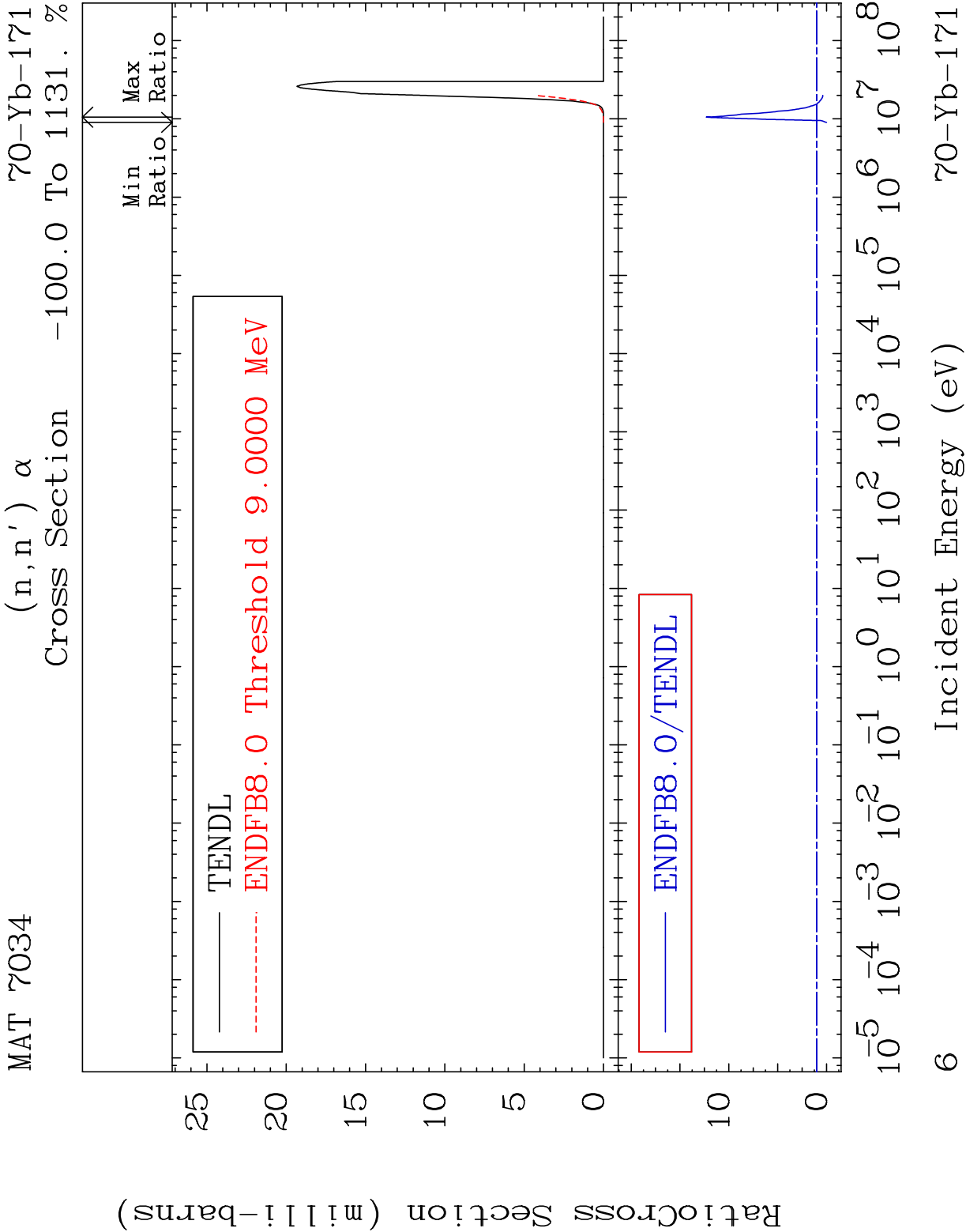
Cross Section -100.0 To 8.403 %

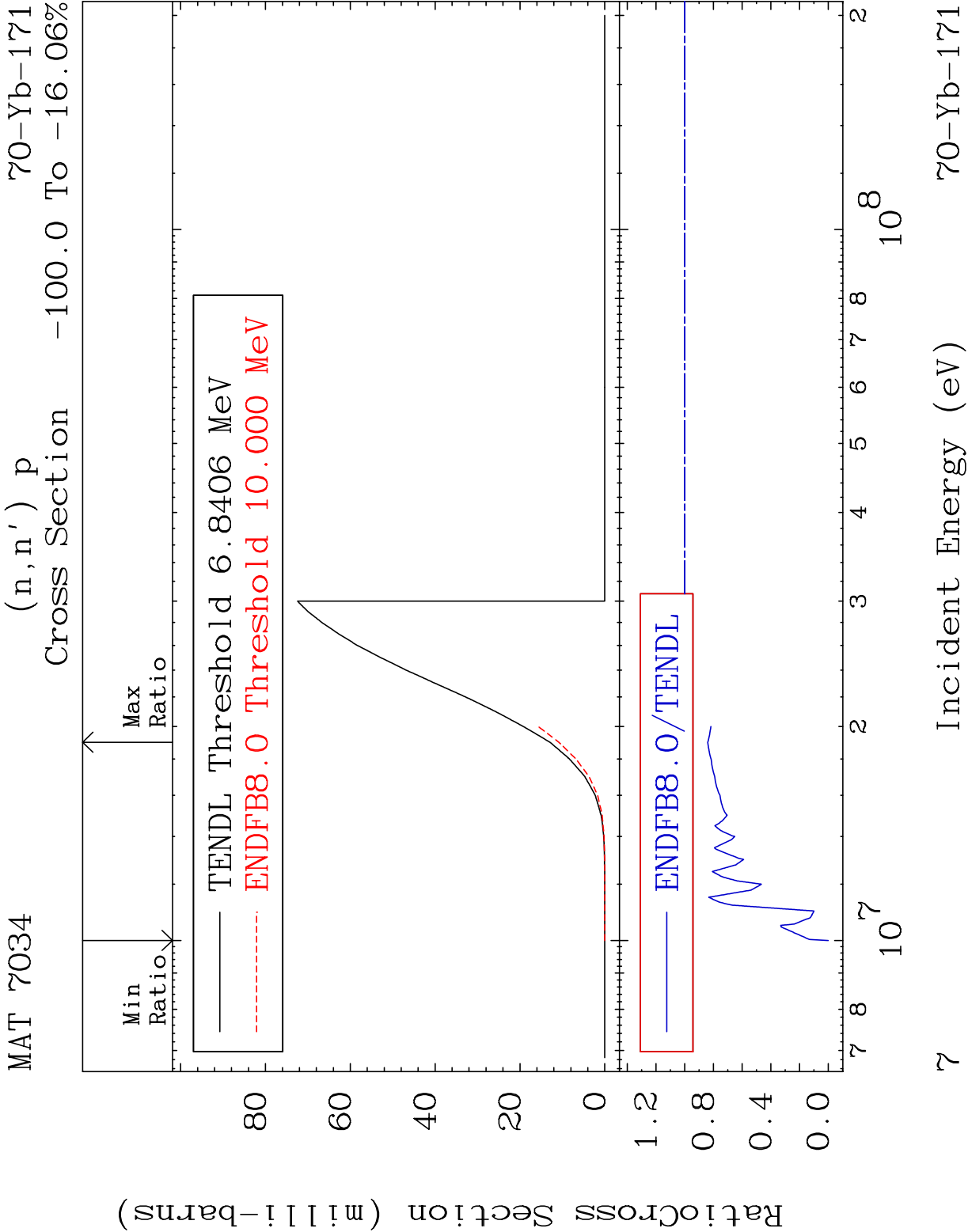


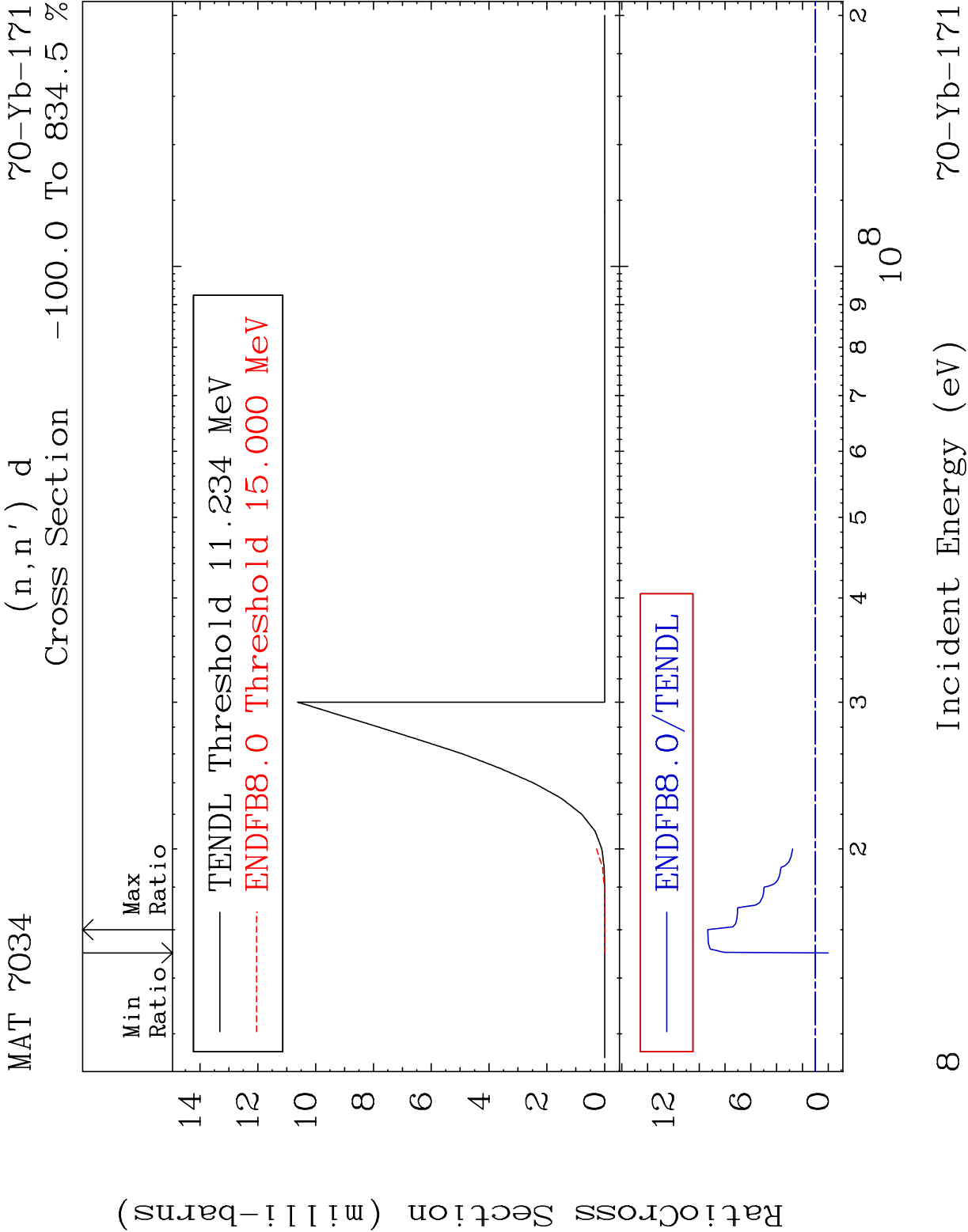
5

Incident Energy (eV)

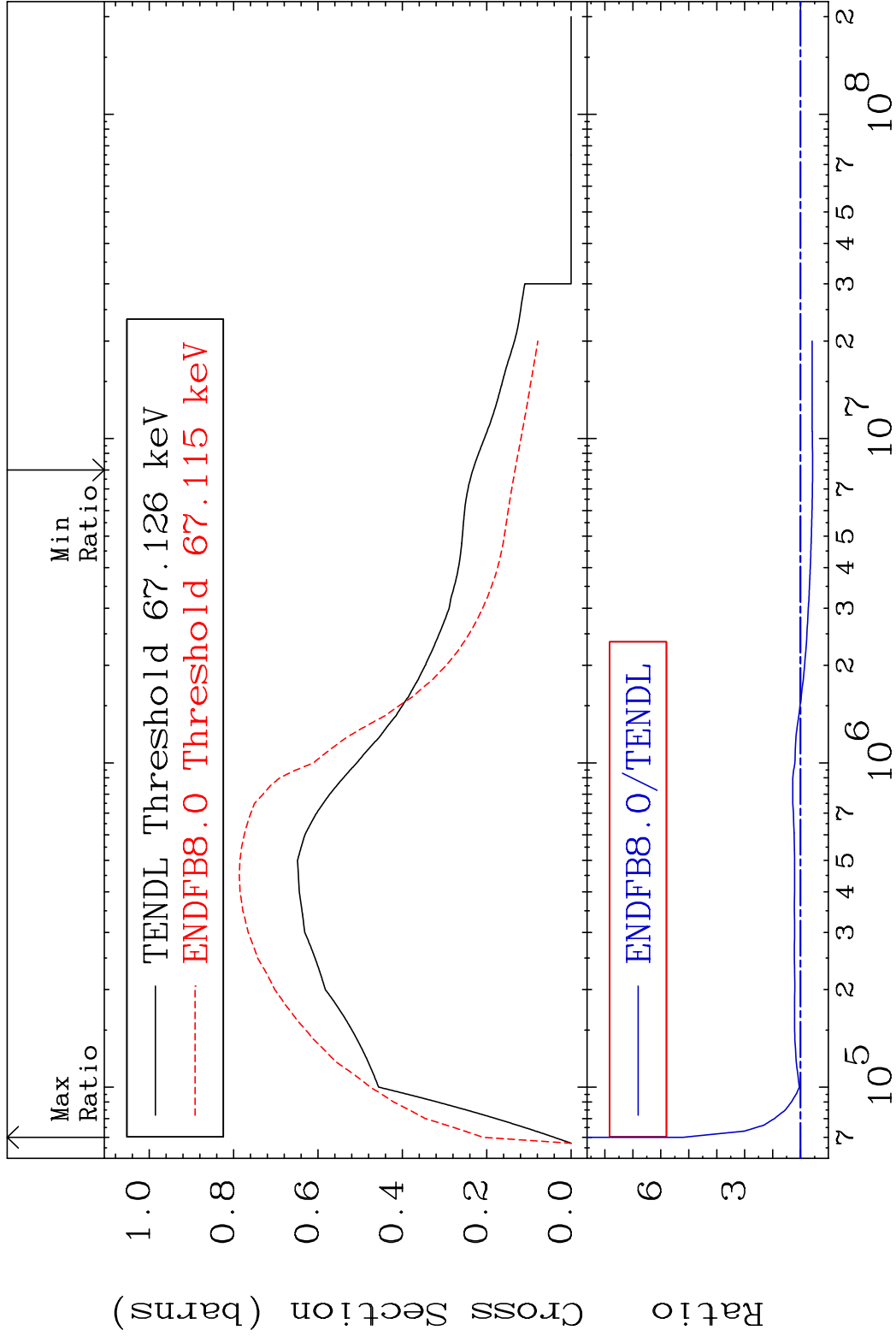
70-Yb-171



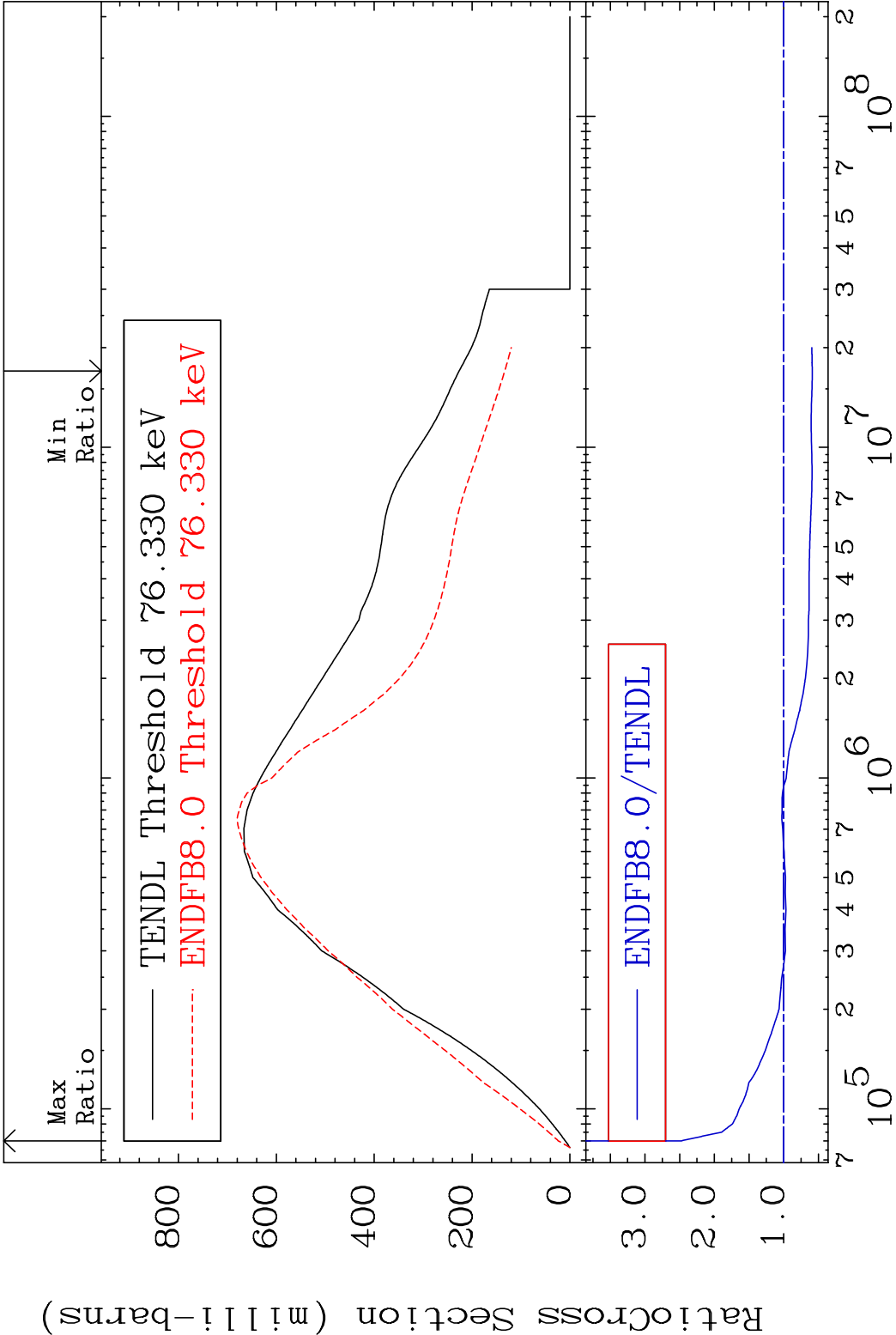




MAT 7034 MT= 51 (n,n') Level 70-Yb-171
Cross Section -42.88 To 423.0 %

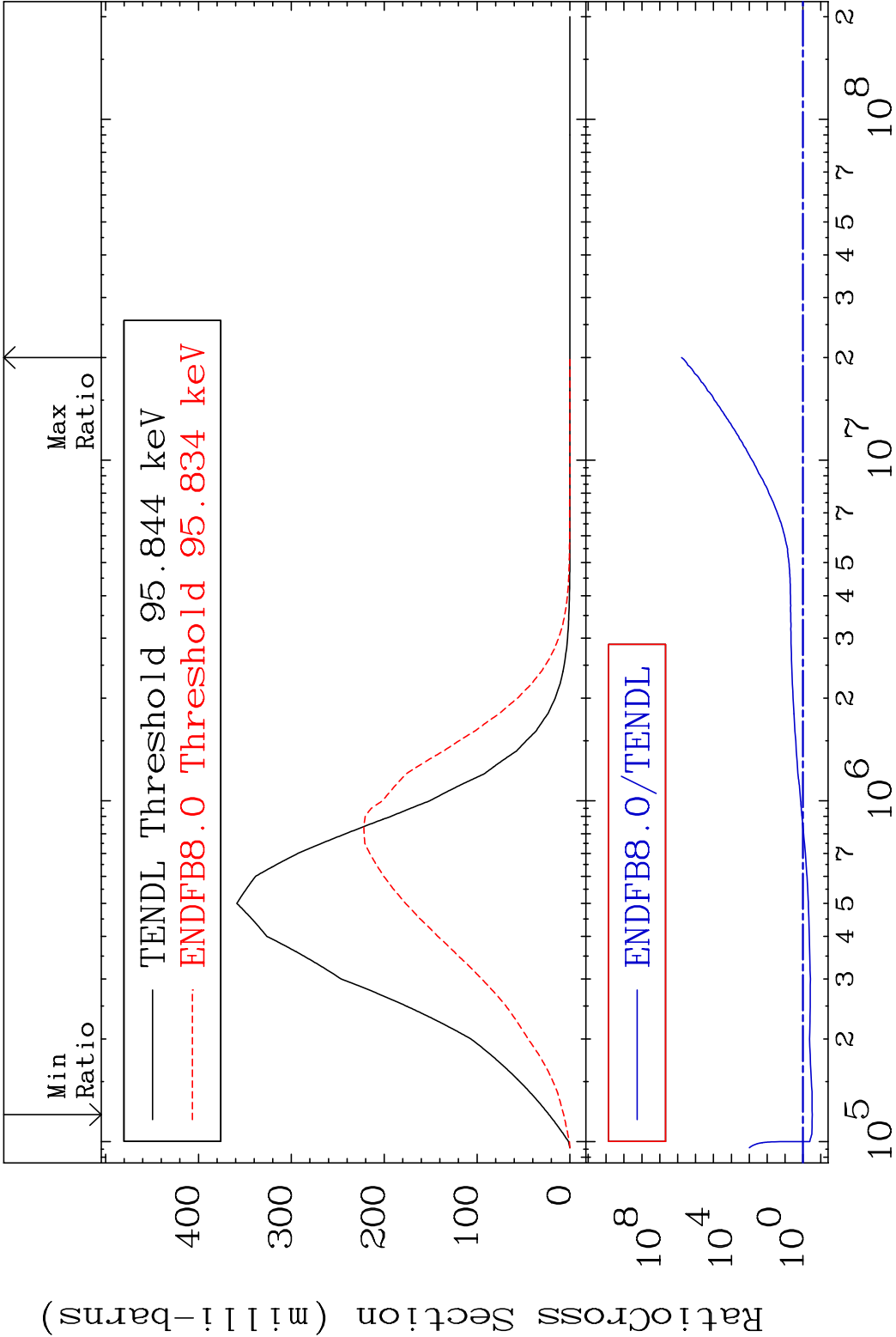


MAT 7034 MT= 52 (n,n') Level 70-Yb-171
Cross Section -41.12 To 147.3 %

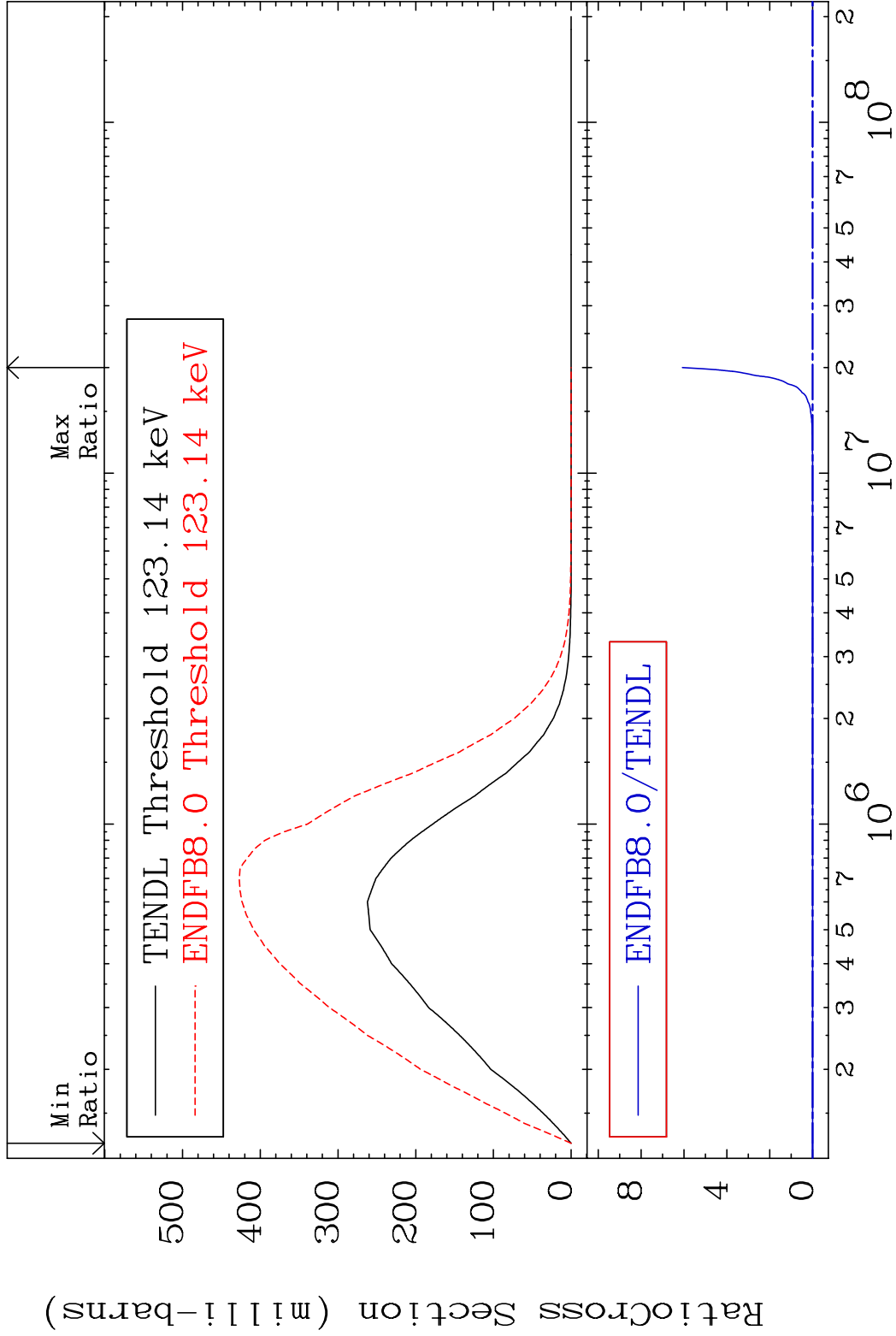


10 Incident Energy (eV) 70-Yb-171

MAT 7034 MT= 53 (n,n') Level 70-Yb-171
Cross Section -69.75 To 9999. %



11 Incident Energy (eV) 70-Yb-171



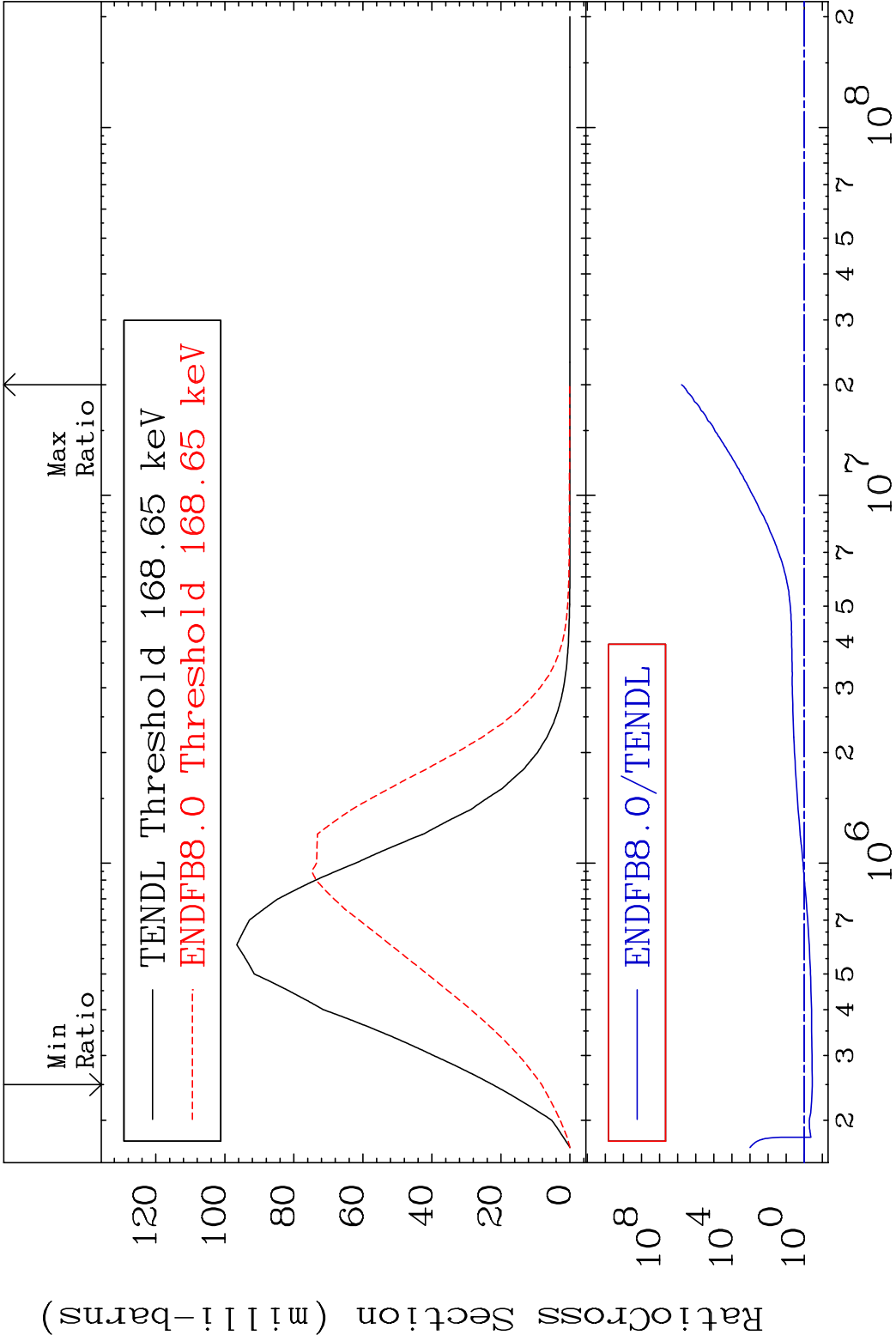
MAT 7034

MT= 55 (n,n') Level

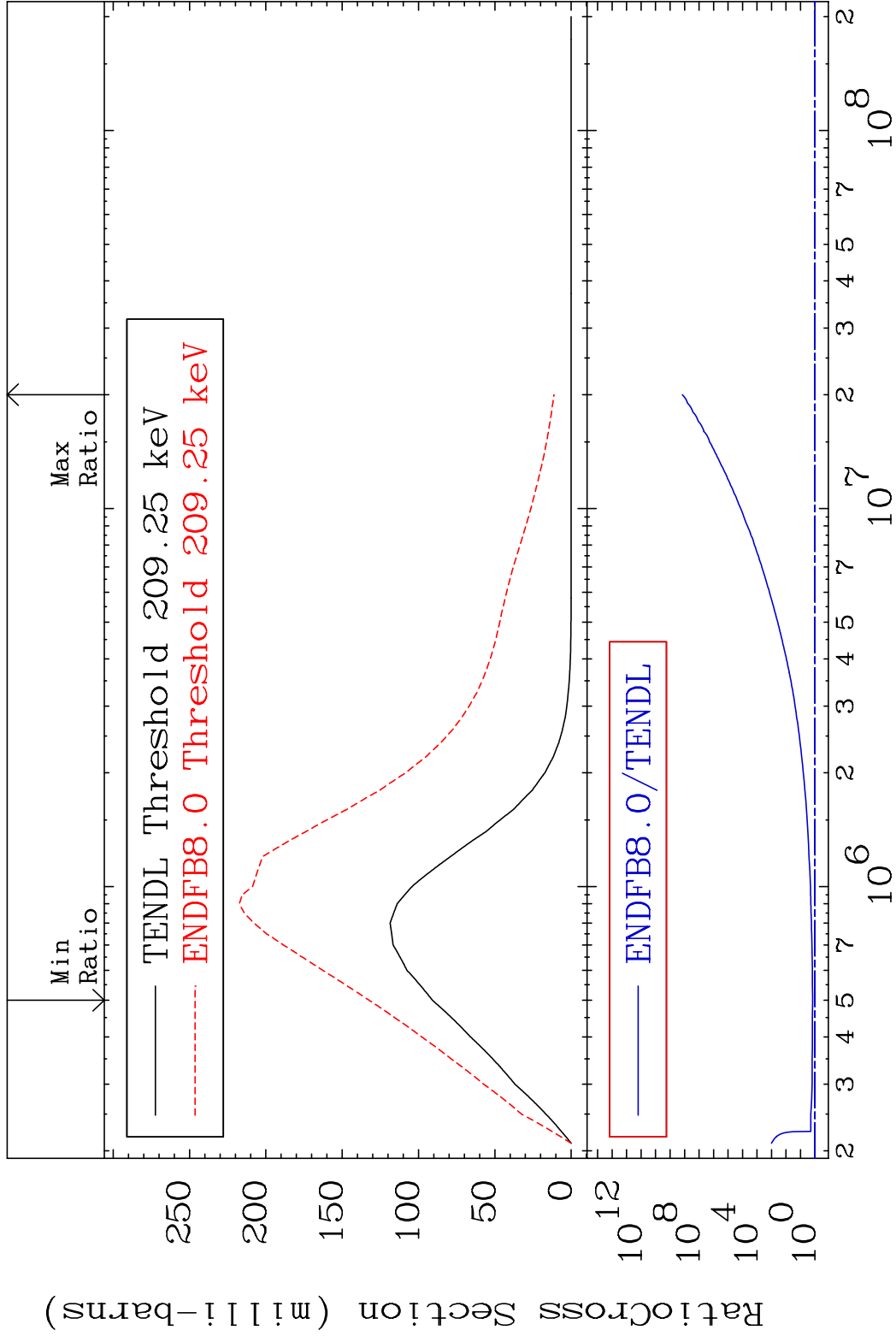
70-Yb-171

Cross Section

-63.35 To 9999. %

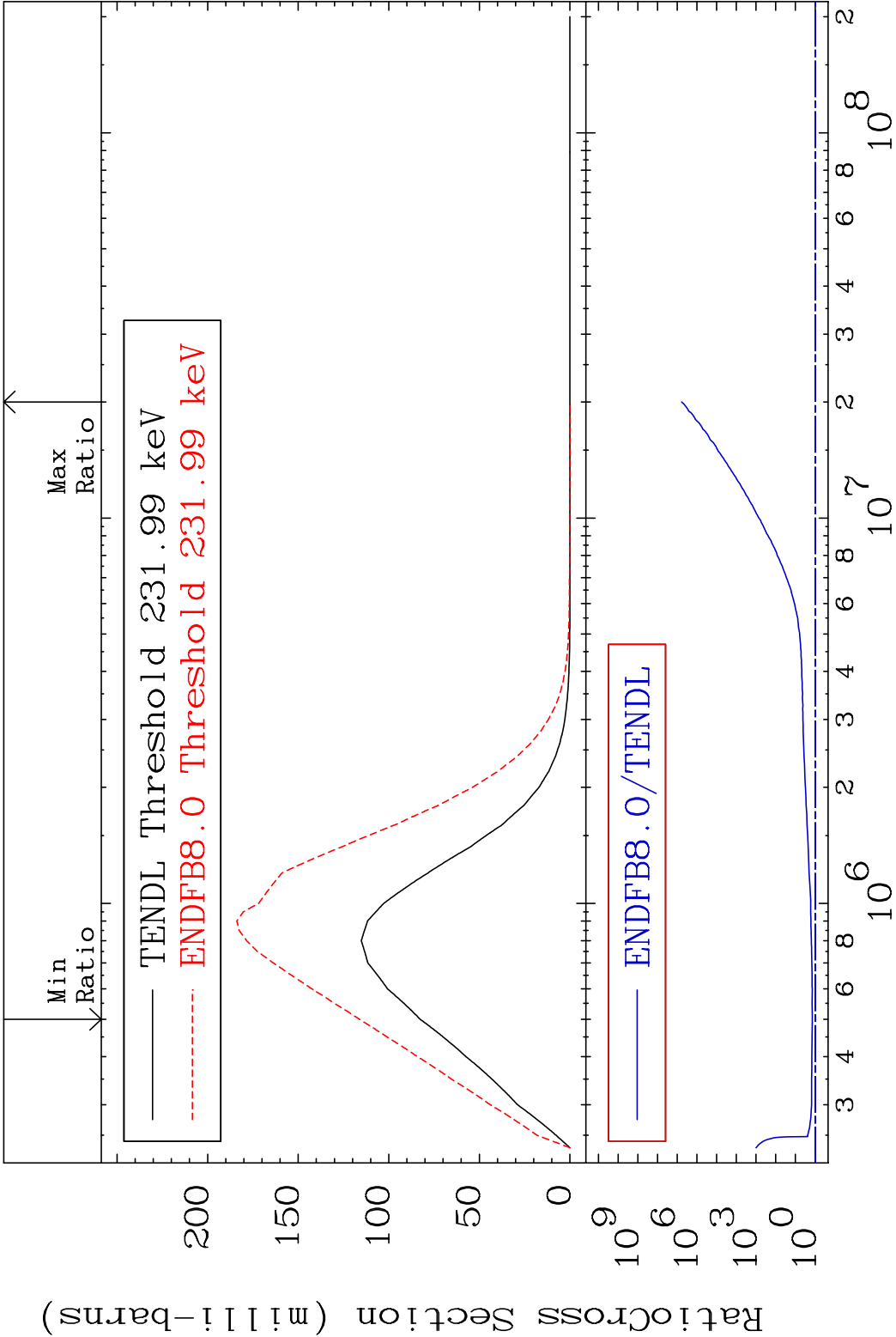


MAT 7034 MT= 56 (n,n') Level 70-Yb-171
Cross Section 45.65 To 9999. %

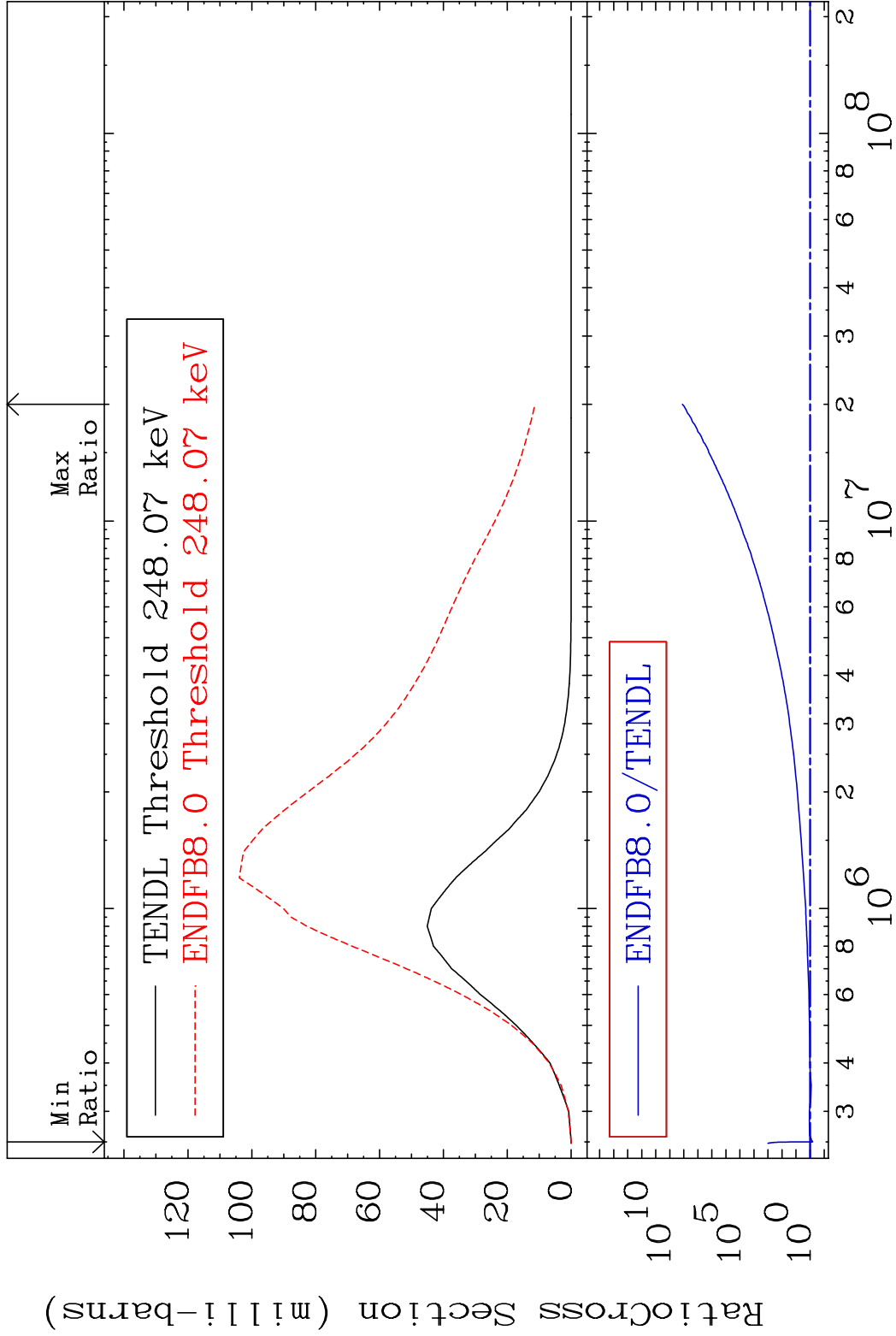


MAT 7034
MT= 57 (n,n')
Level
70-Yb-171

Cross Section
40.61
To 9999. %



MAT 7034 MT= 58 (n,n') Level 70-Yb-171
Cross Section -33.25 To 9999. %



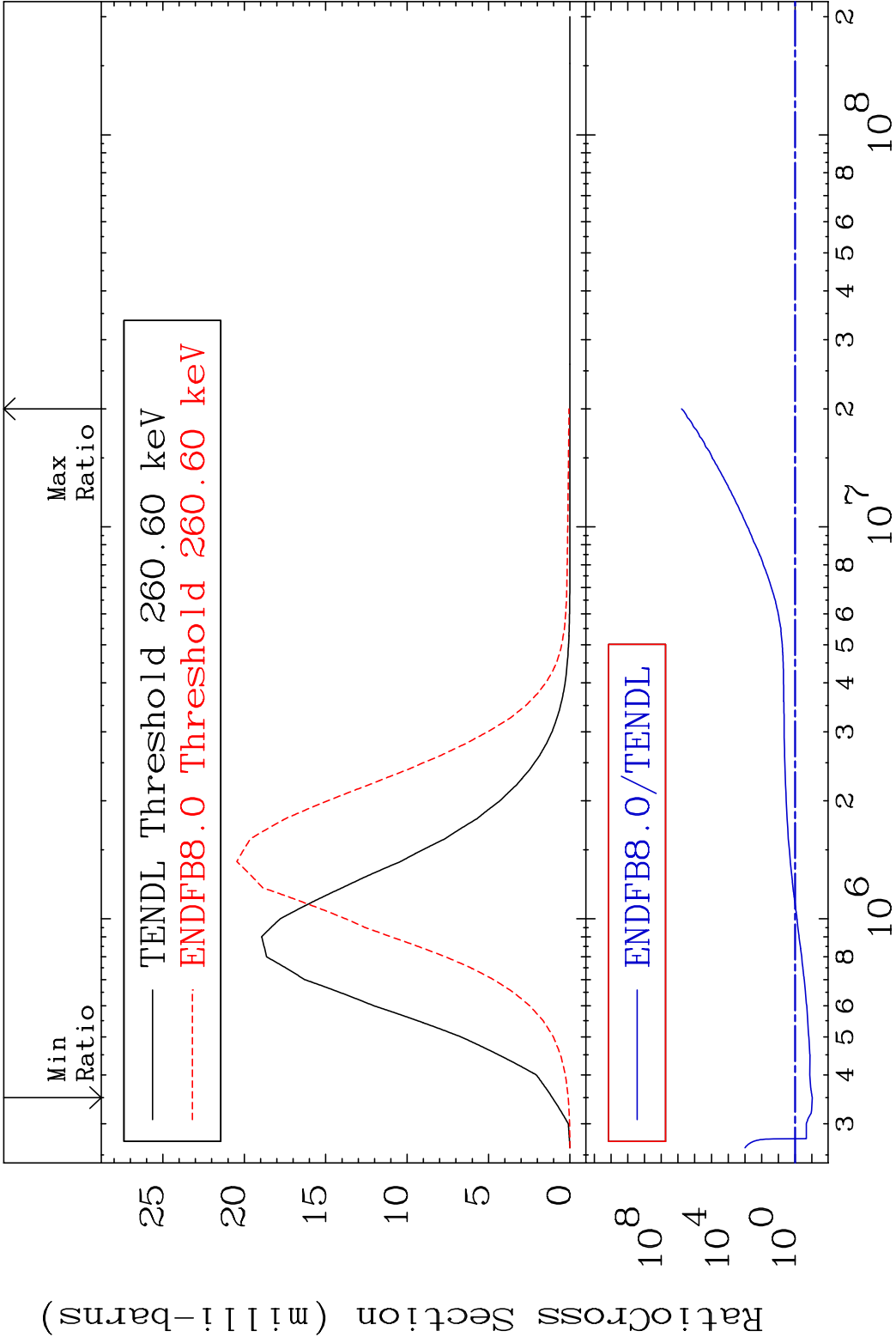
MAT 7034

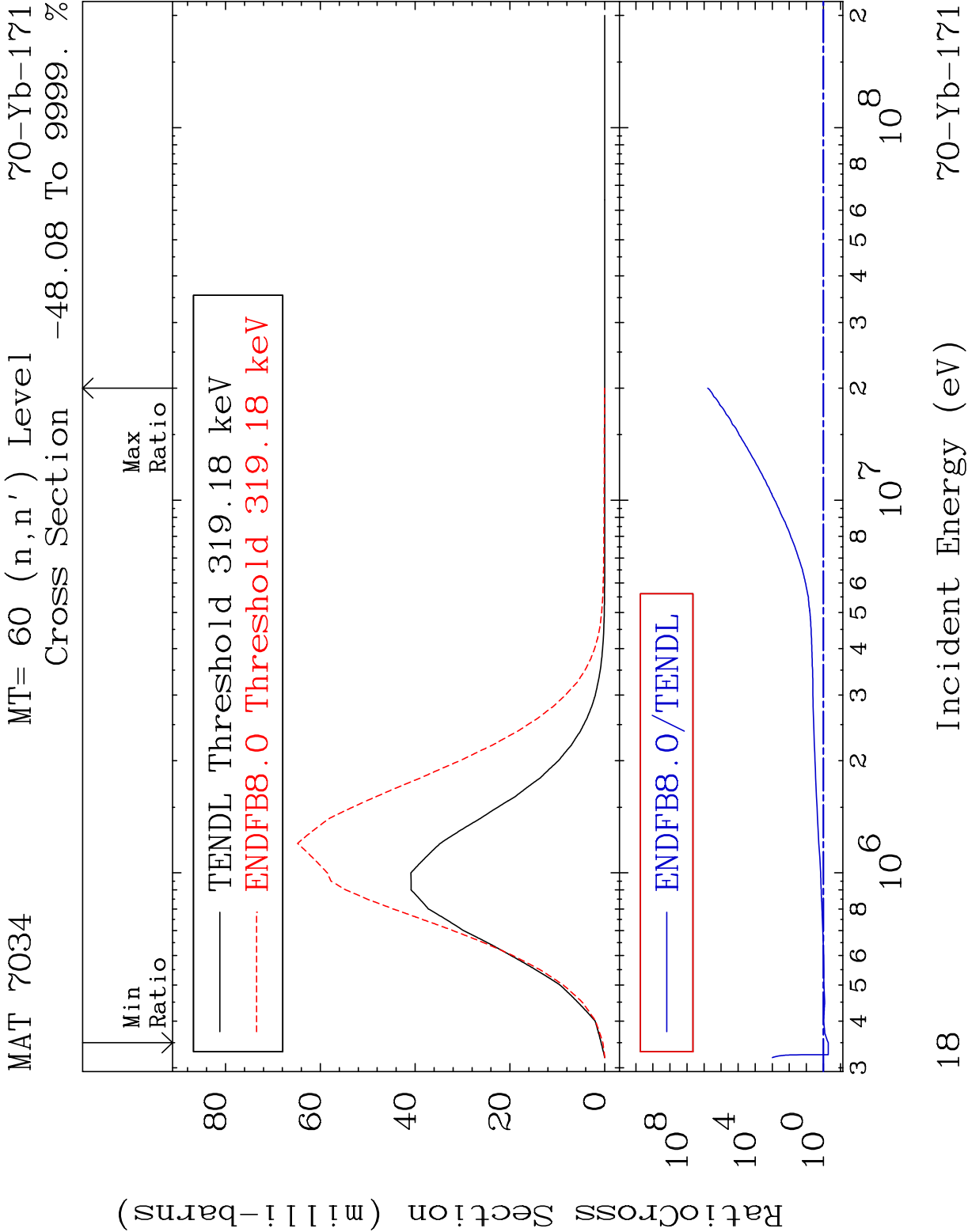
MT= 59 (n,n') Level

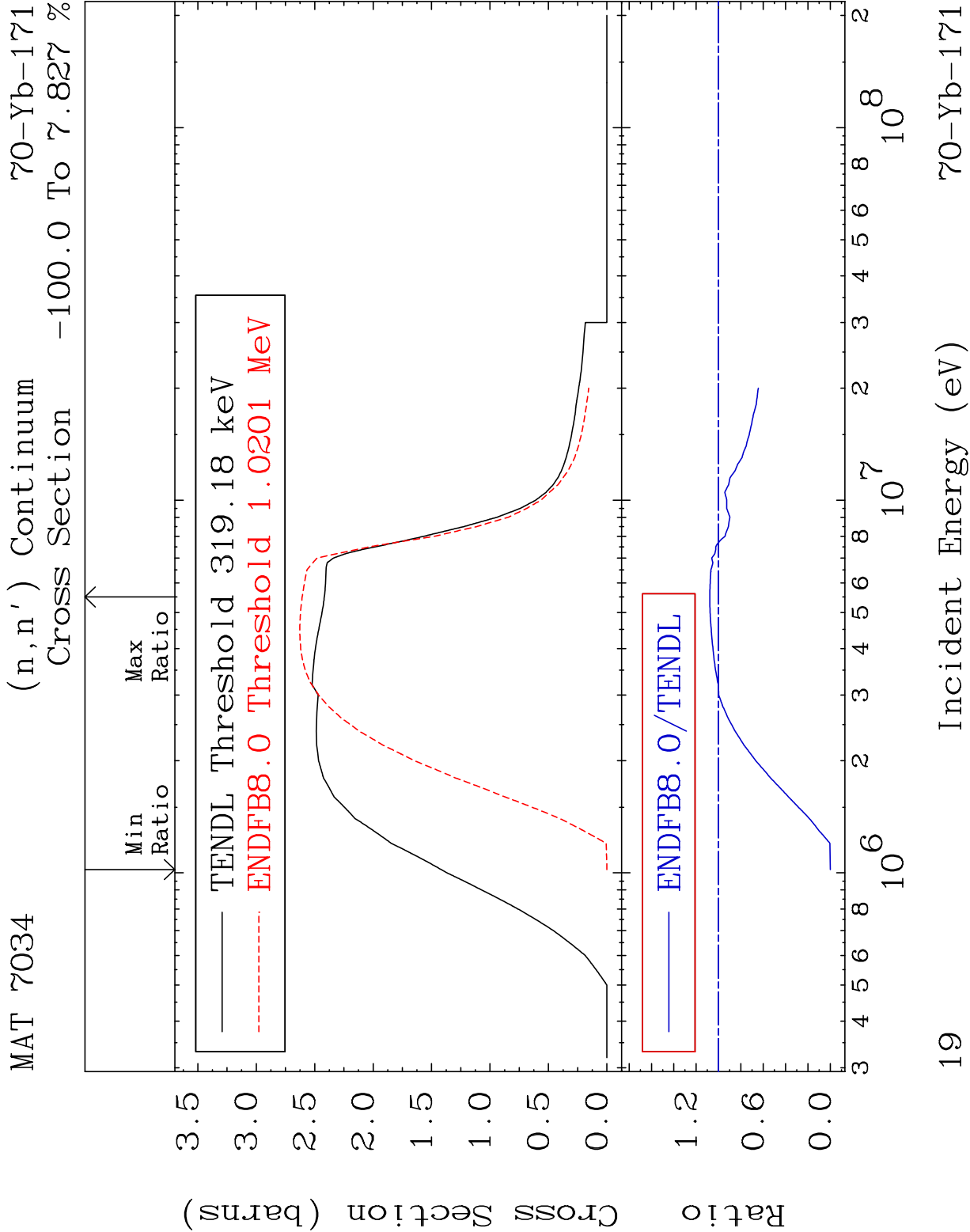
70-Yb-171

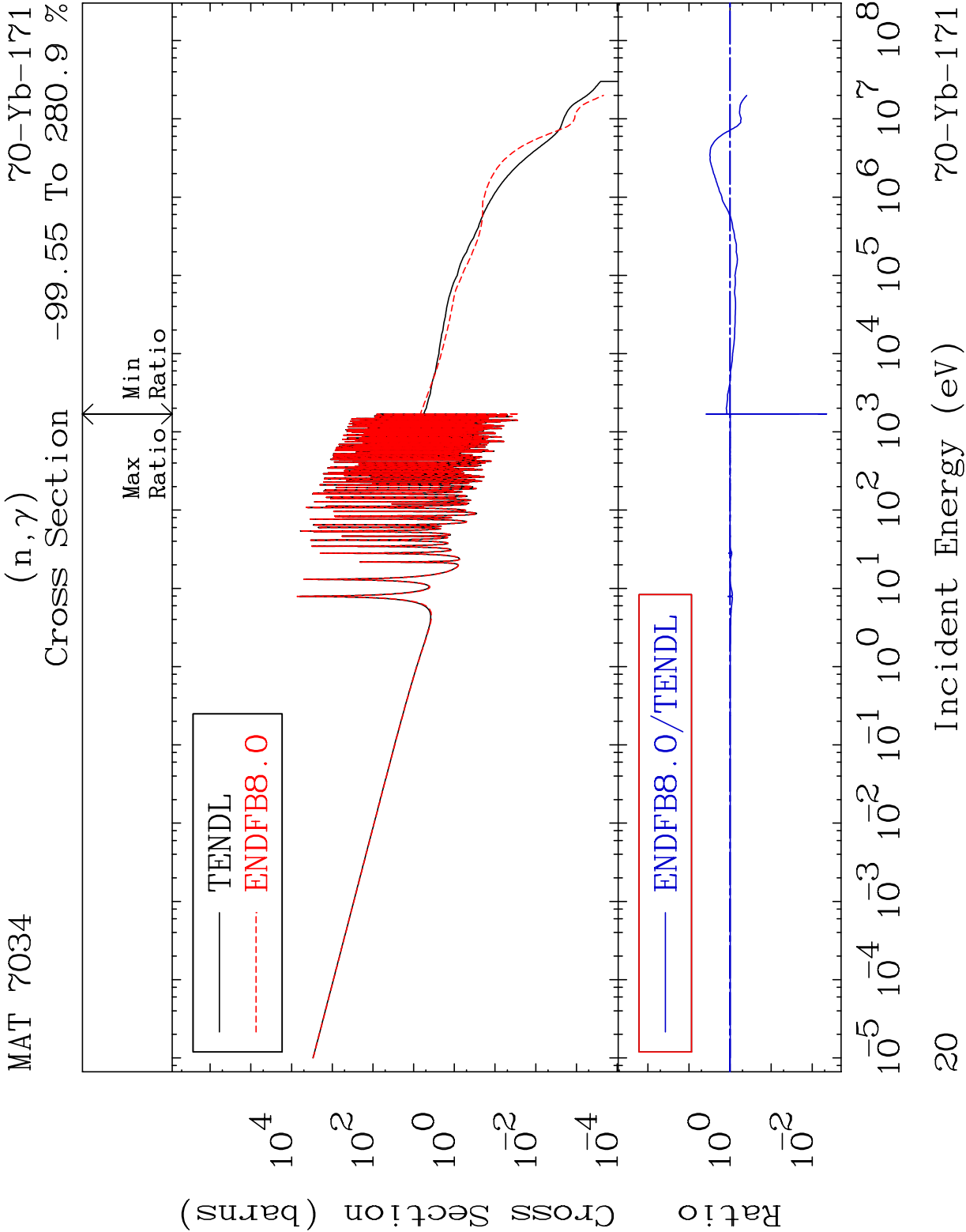
Cross Section

-90.44 To 9999. %









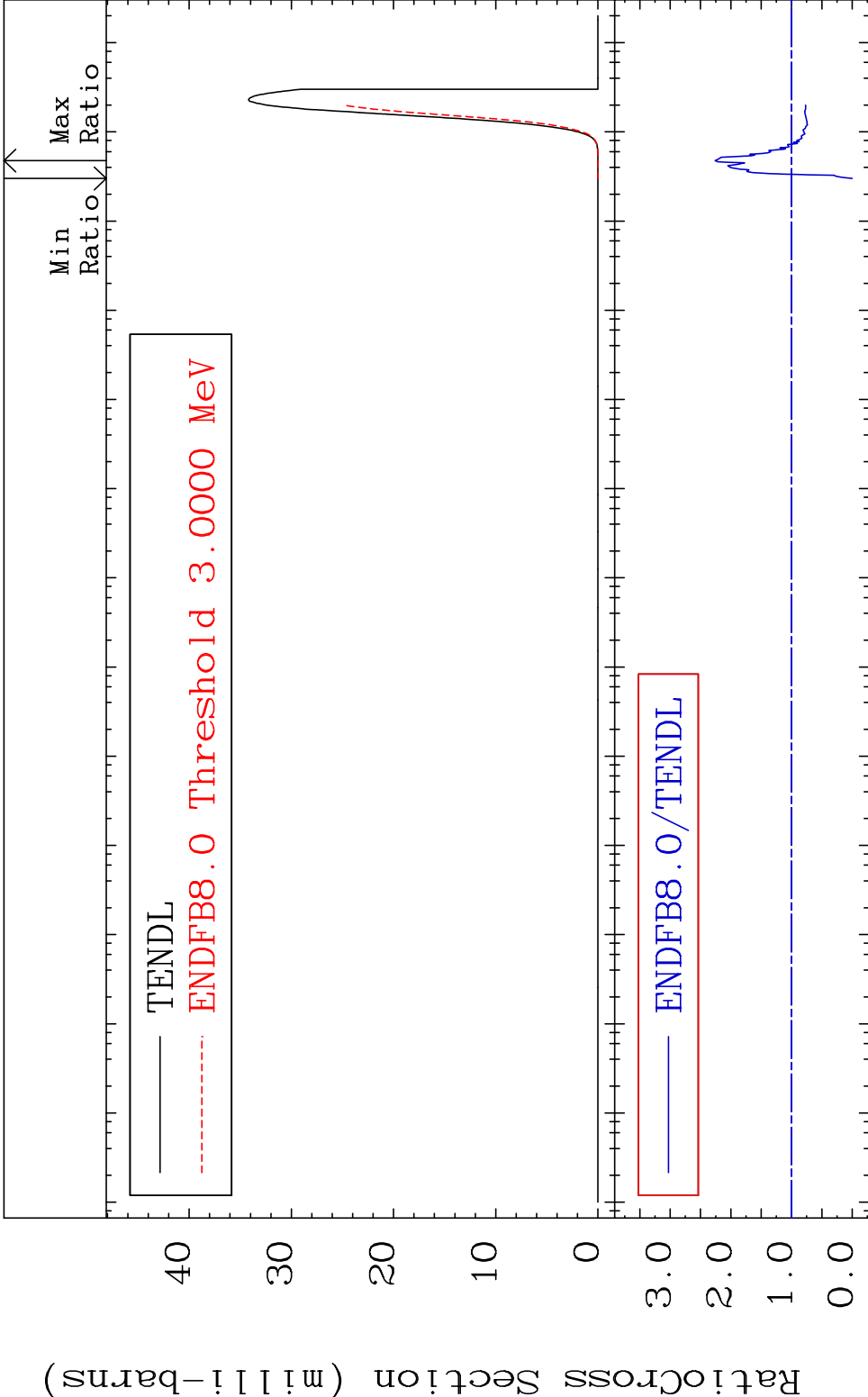
MAT 7034

(n,p)

70-Yb-171

Cross Section

-100.0 To 126.1 %

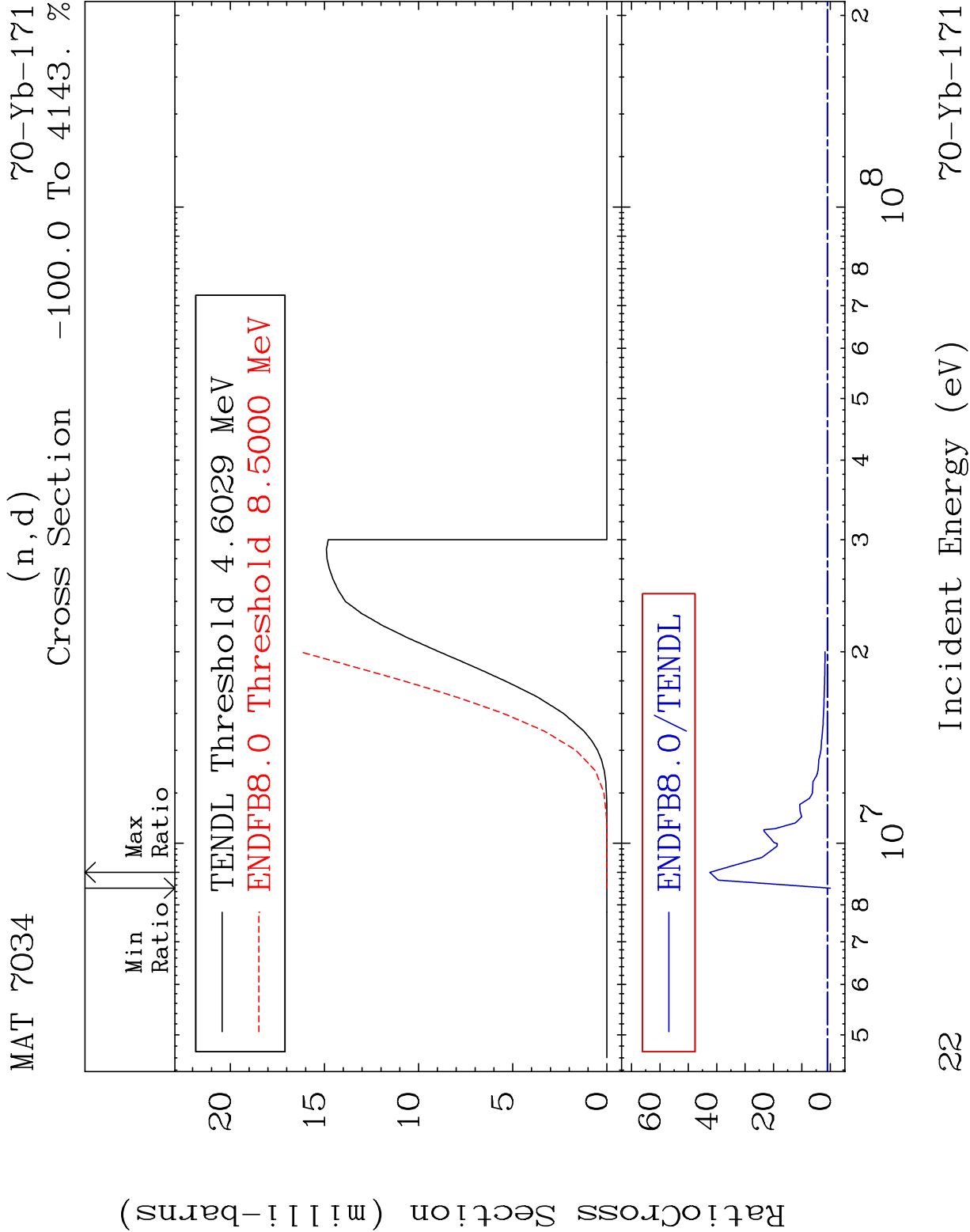


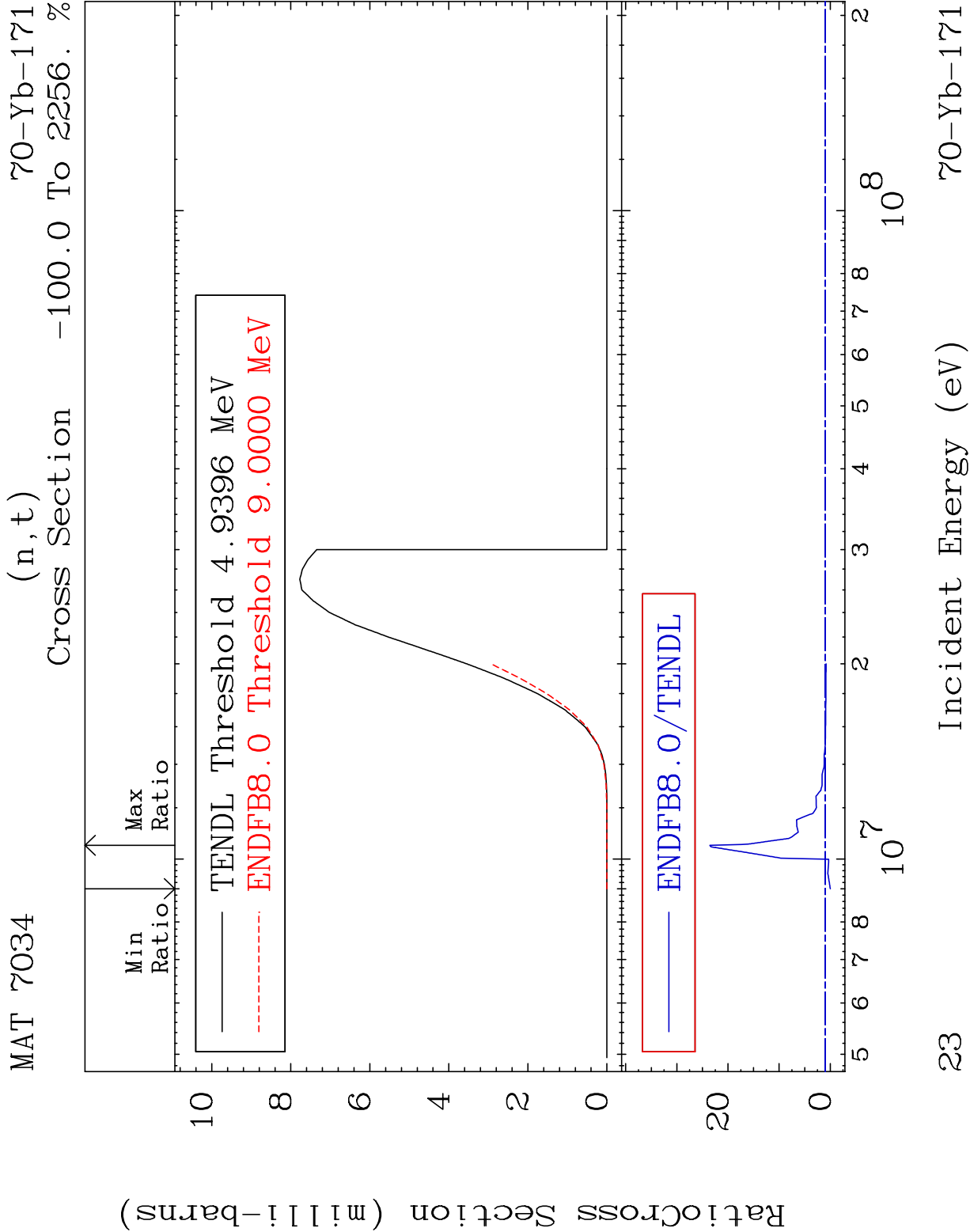
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

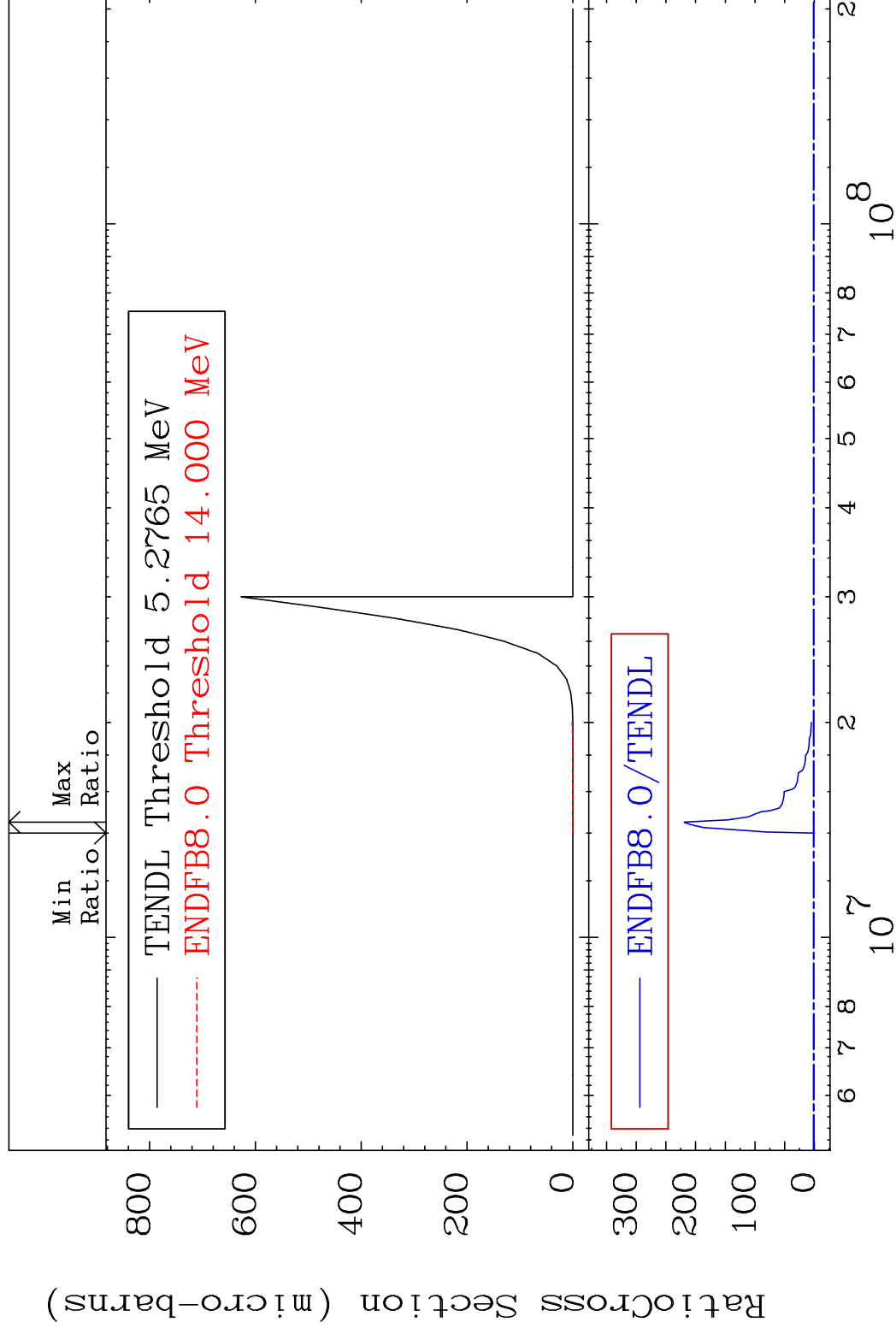
21

Incident Energy (eV)

70-Yb-171





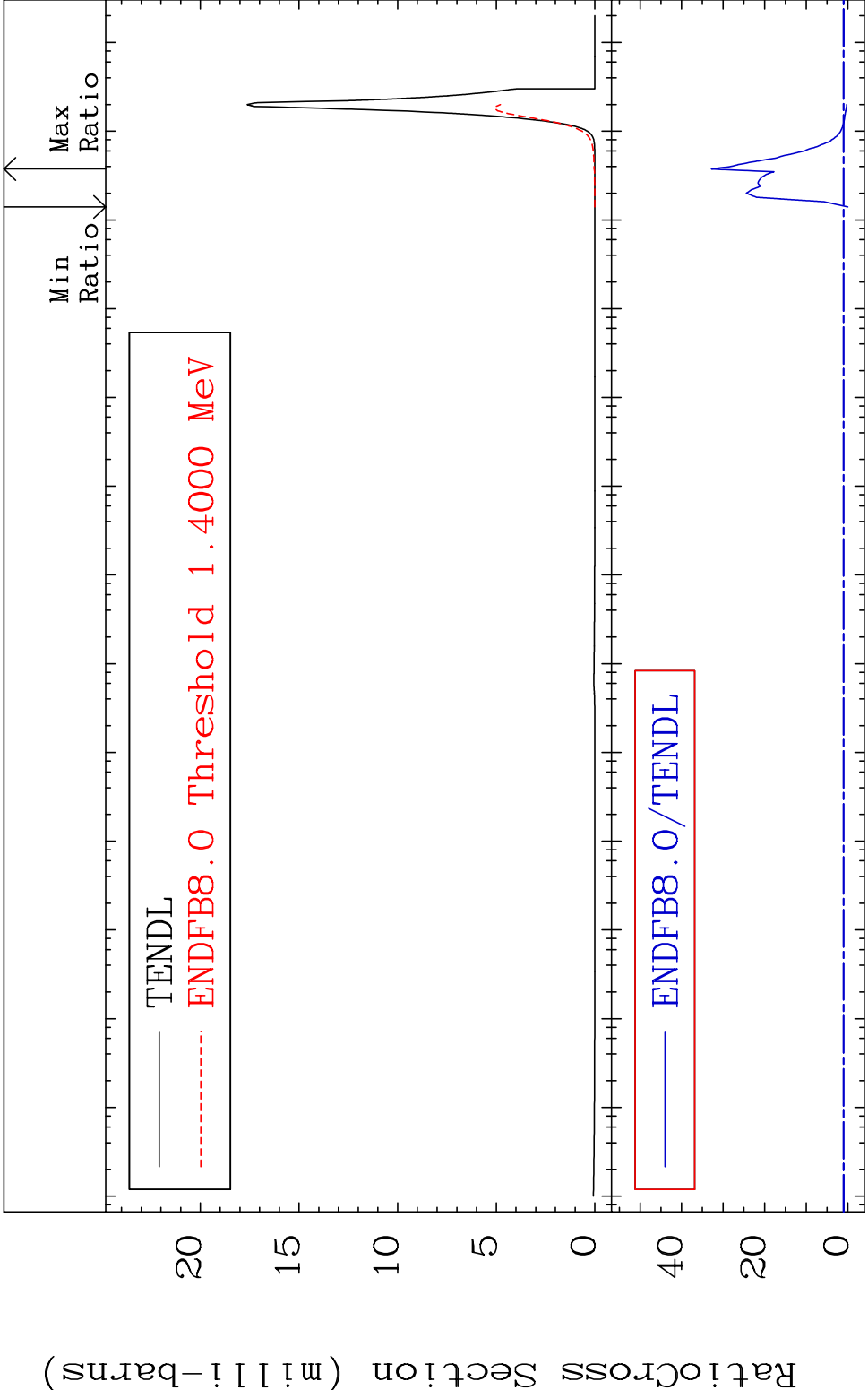


MAT 7034

(n, α)

70-Yb-171

Cross Section -100.0 To 3184. %

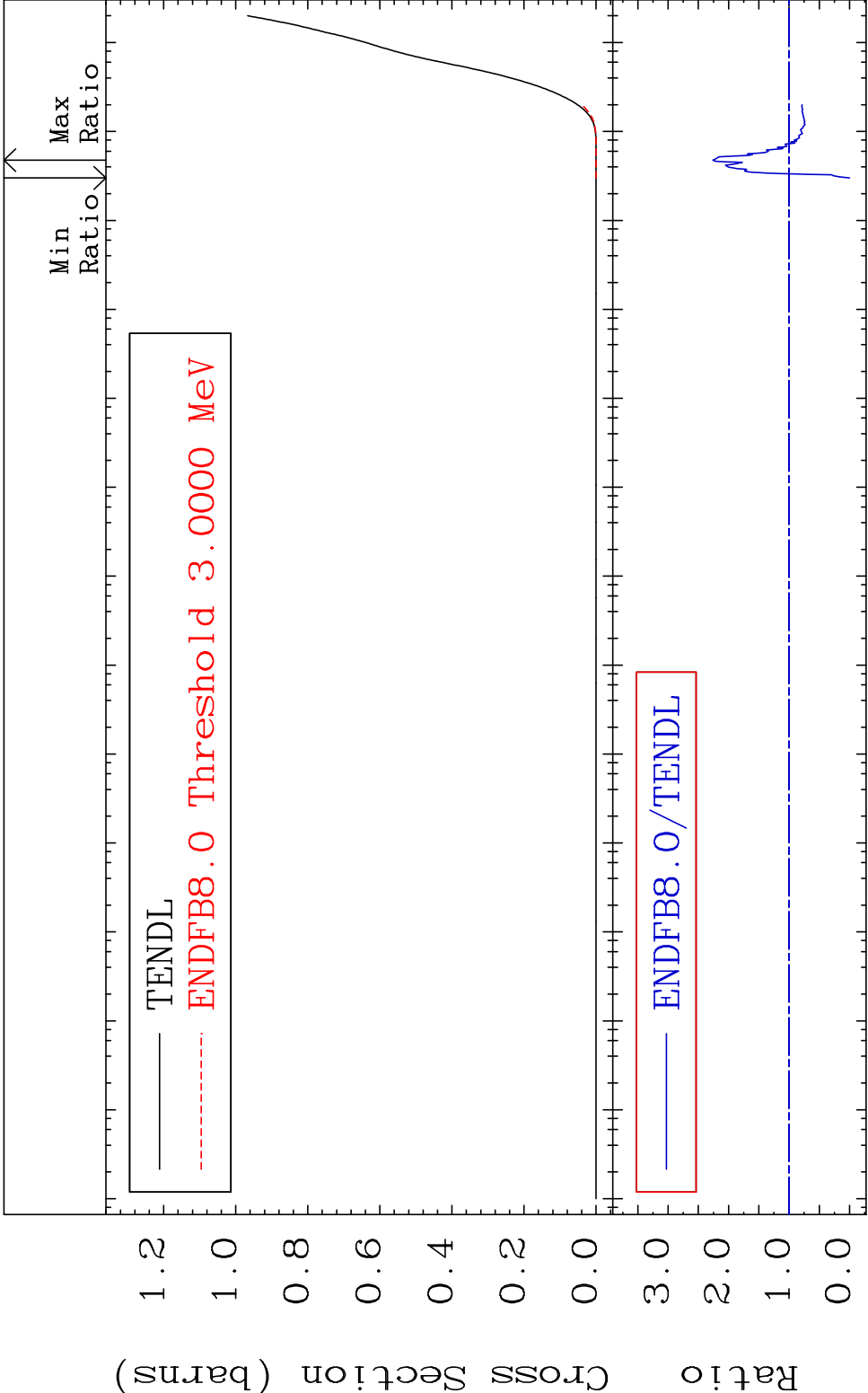


MAT 7034

Hydrogen Production

70-Yb-171

Cross Section -100.0 To 126.1 %

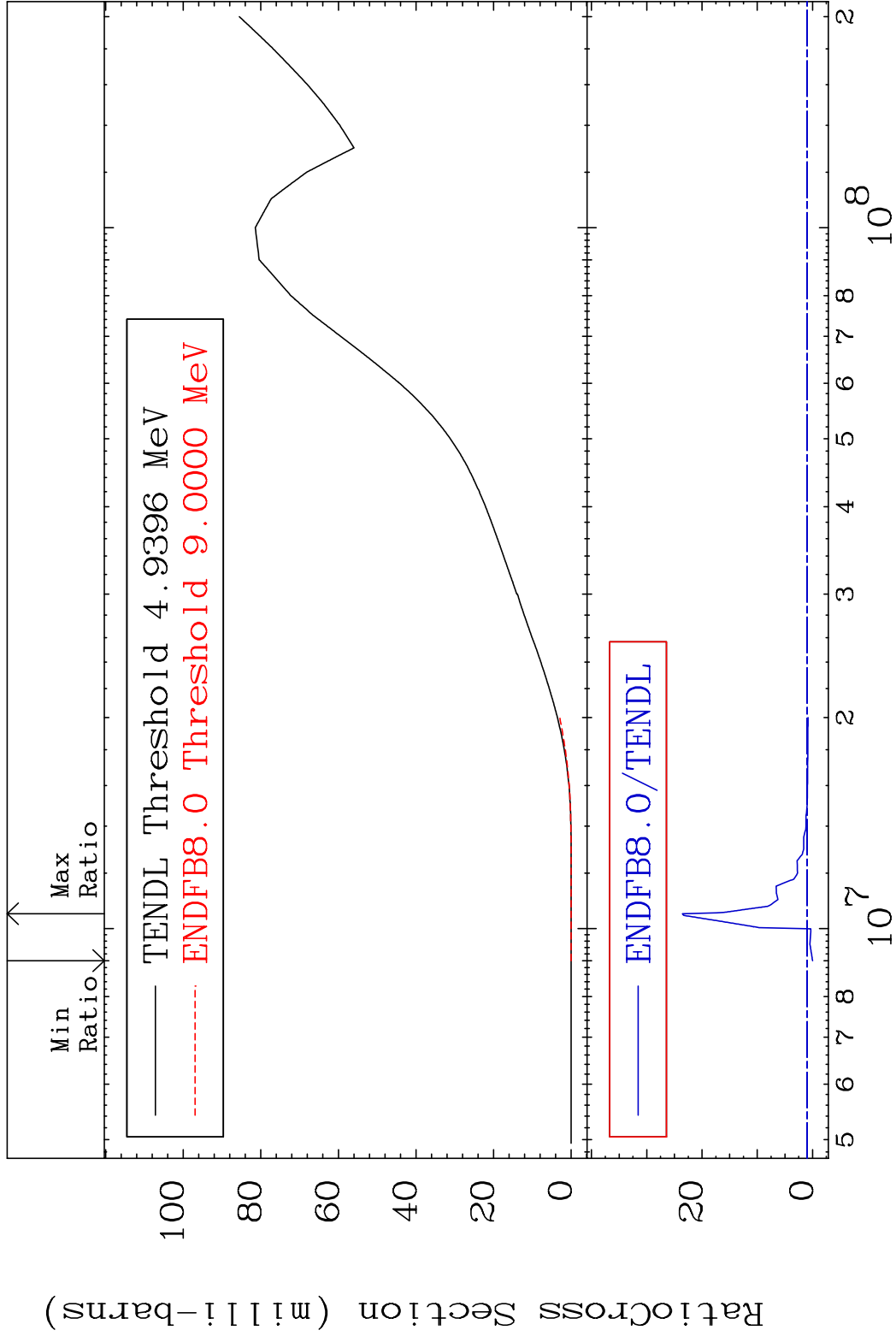


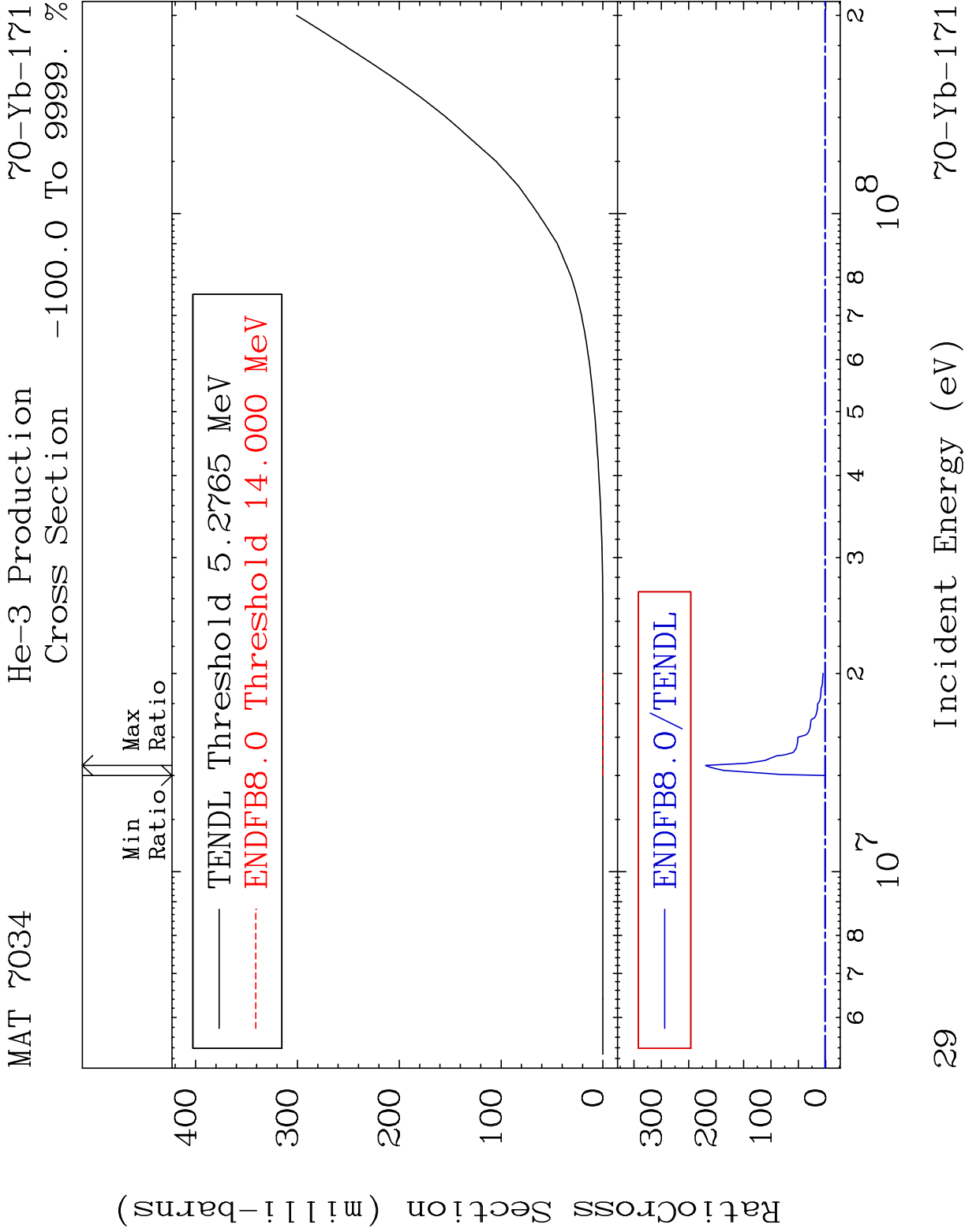
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

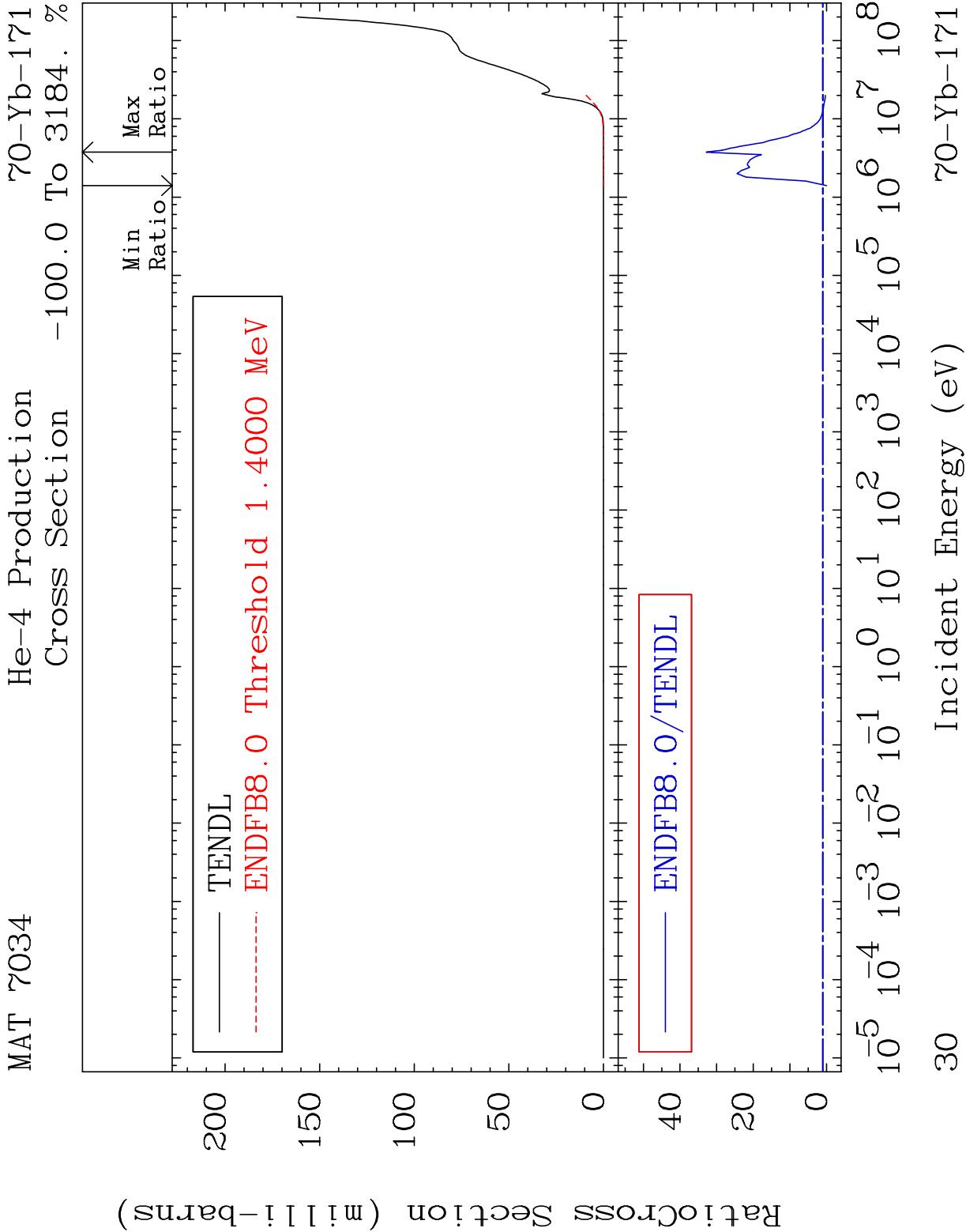
26

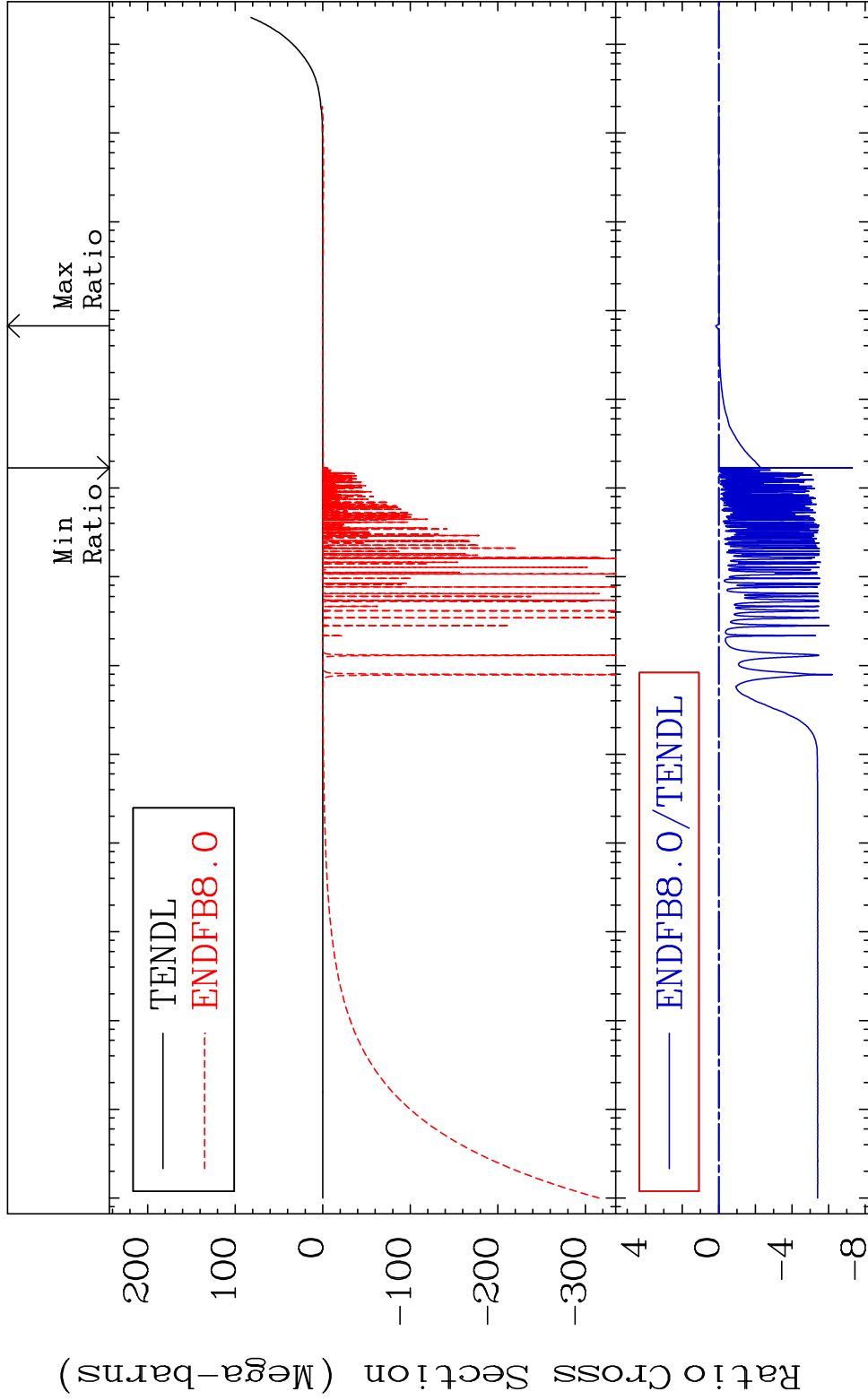
Incident Energy (eV)

70-Yb-171







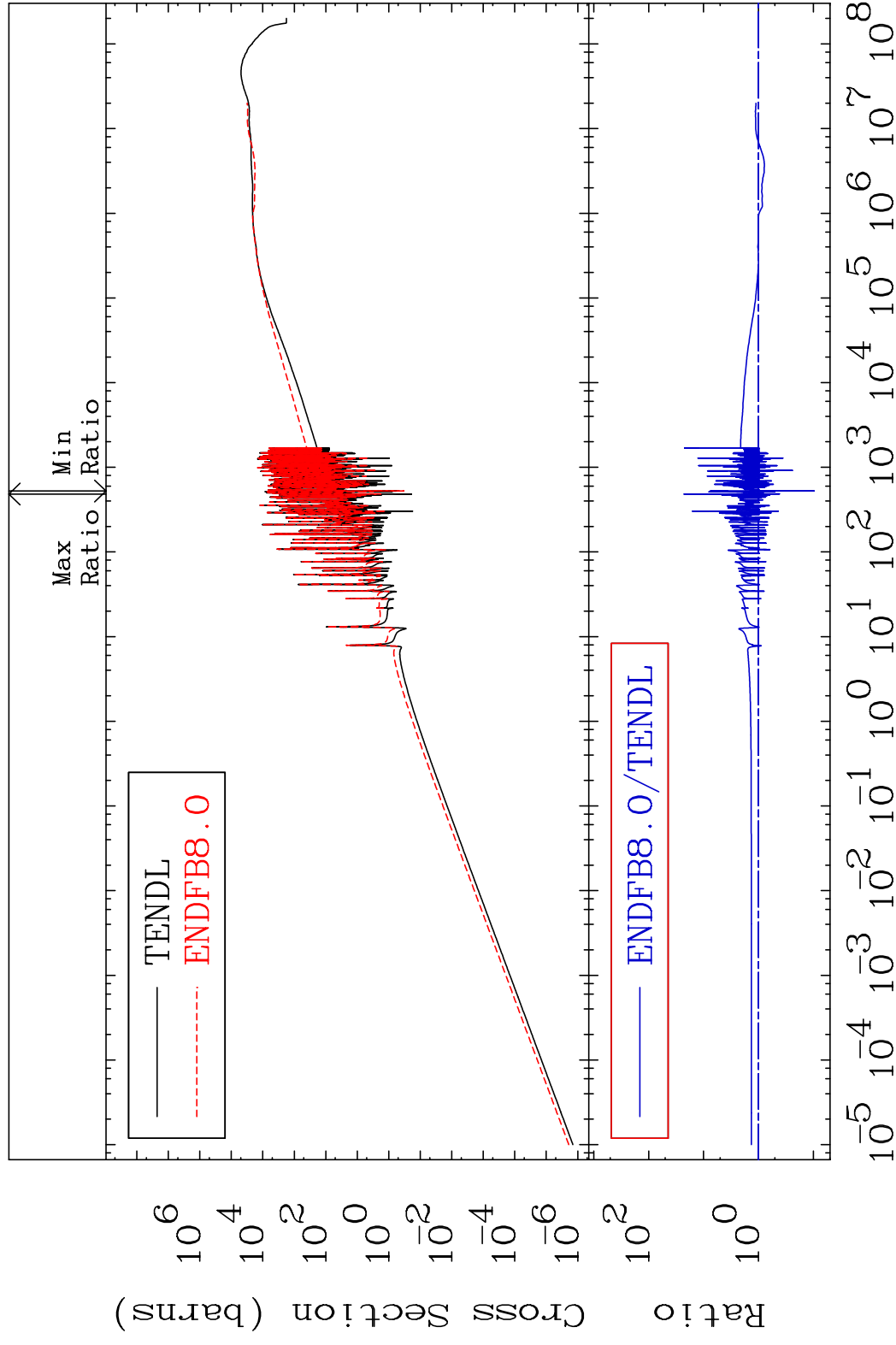


MAT 7034

Kerma elastic

70-Yb-171

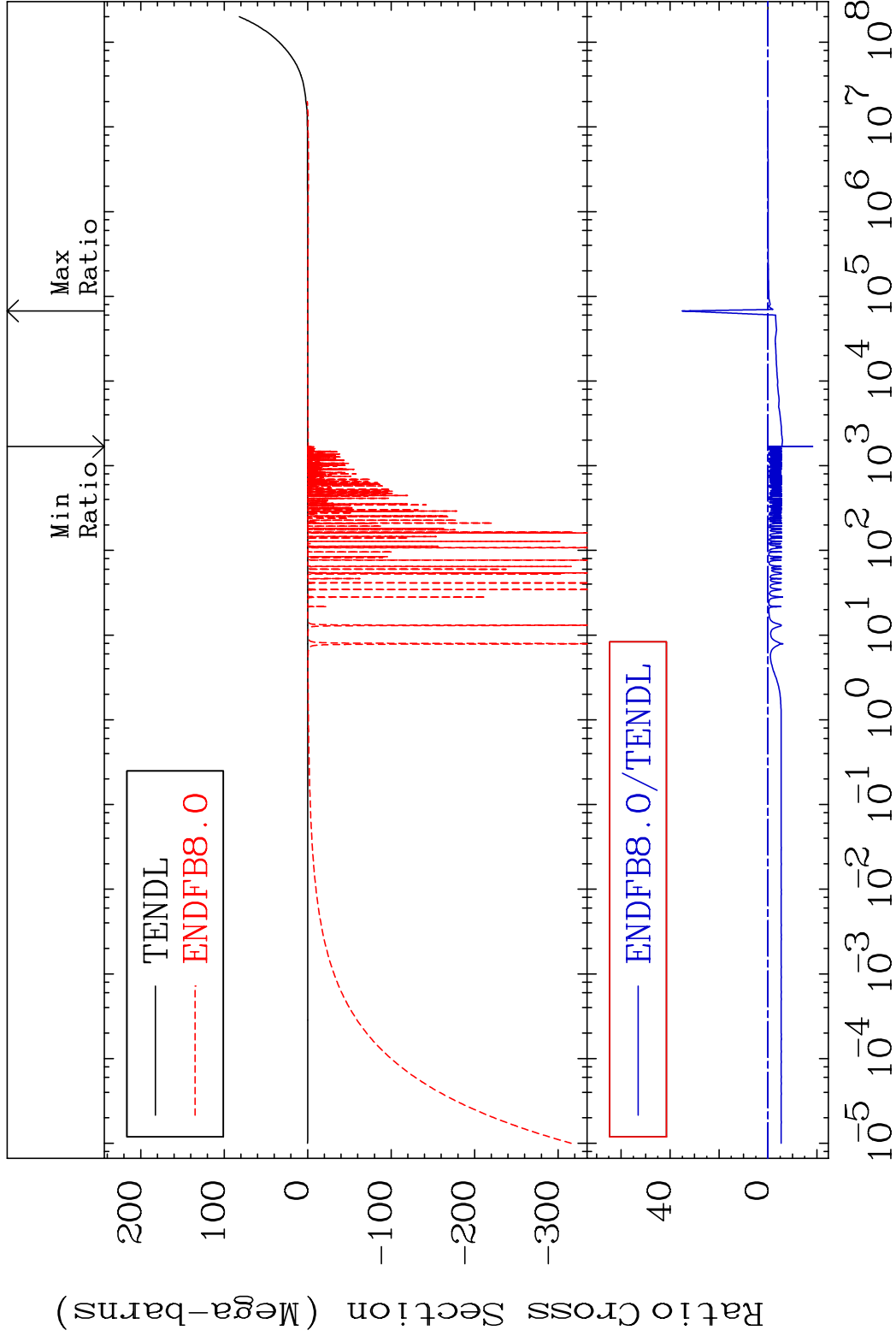
Cross Section -90.38 To 2166. %

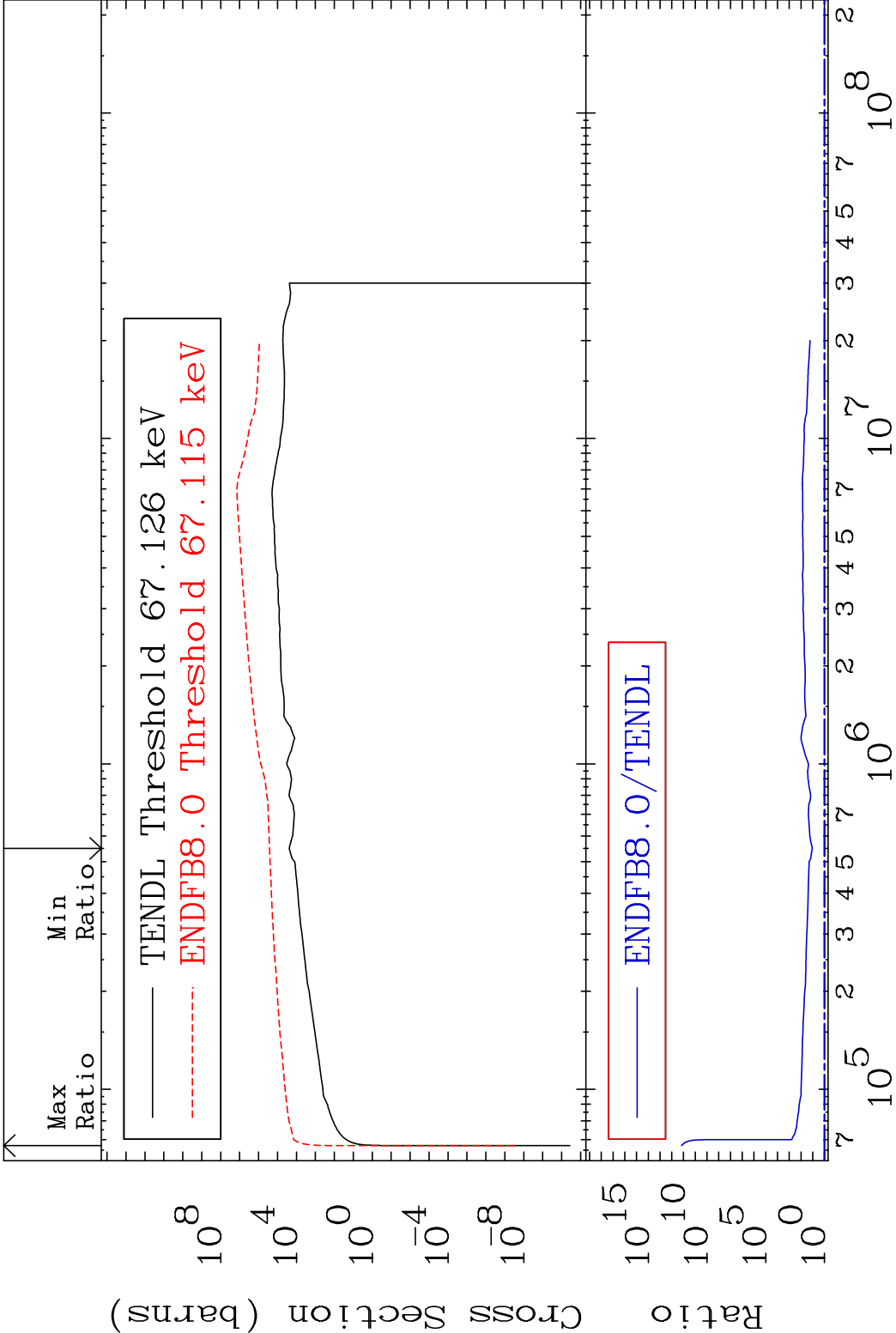


23

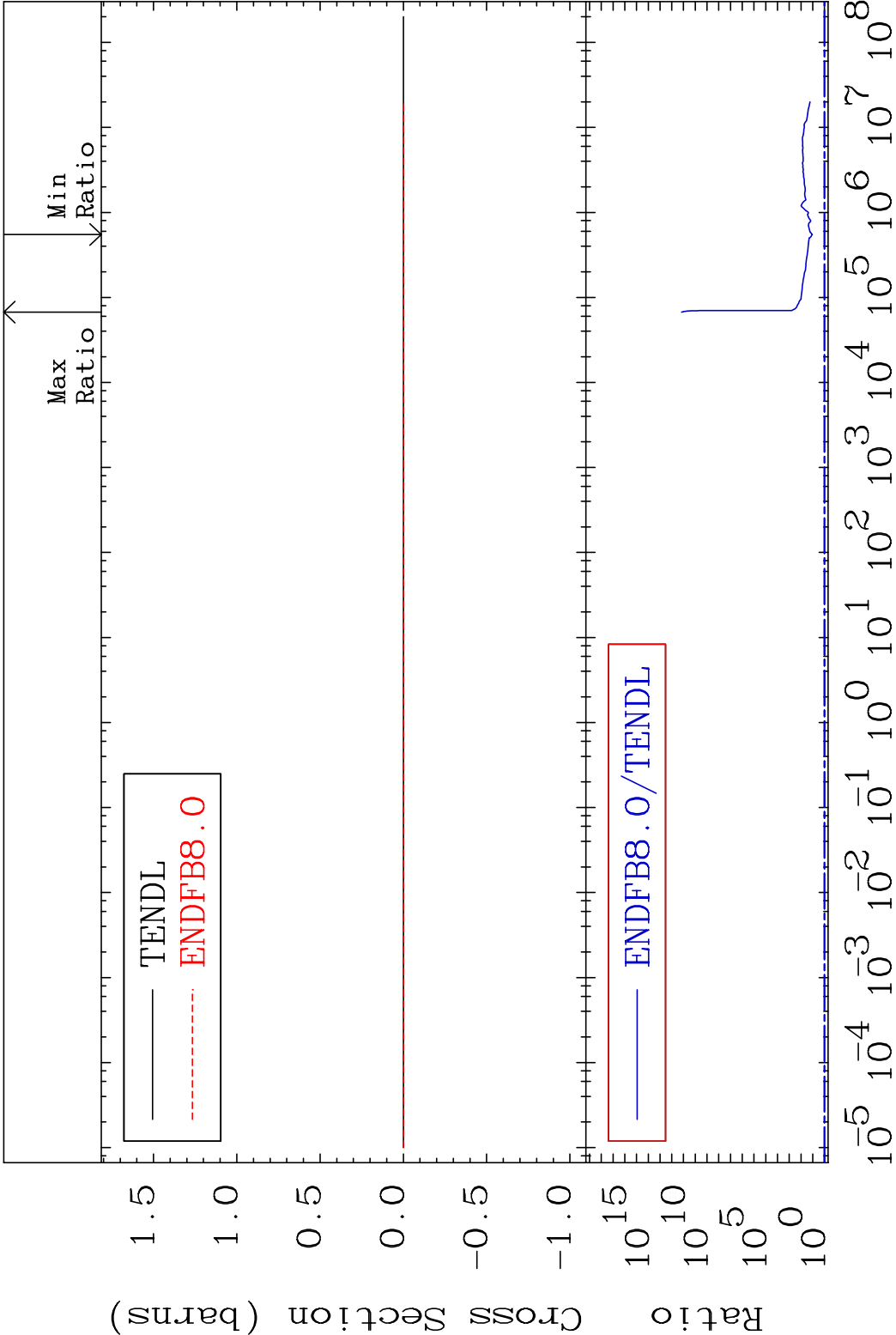
Incident Energy (eV)

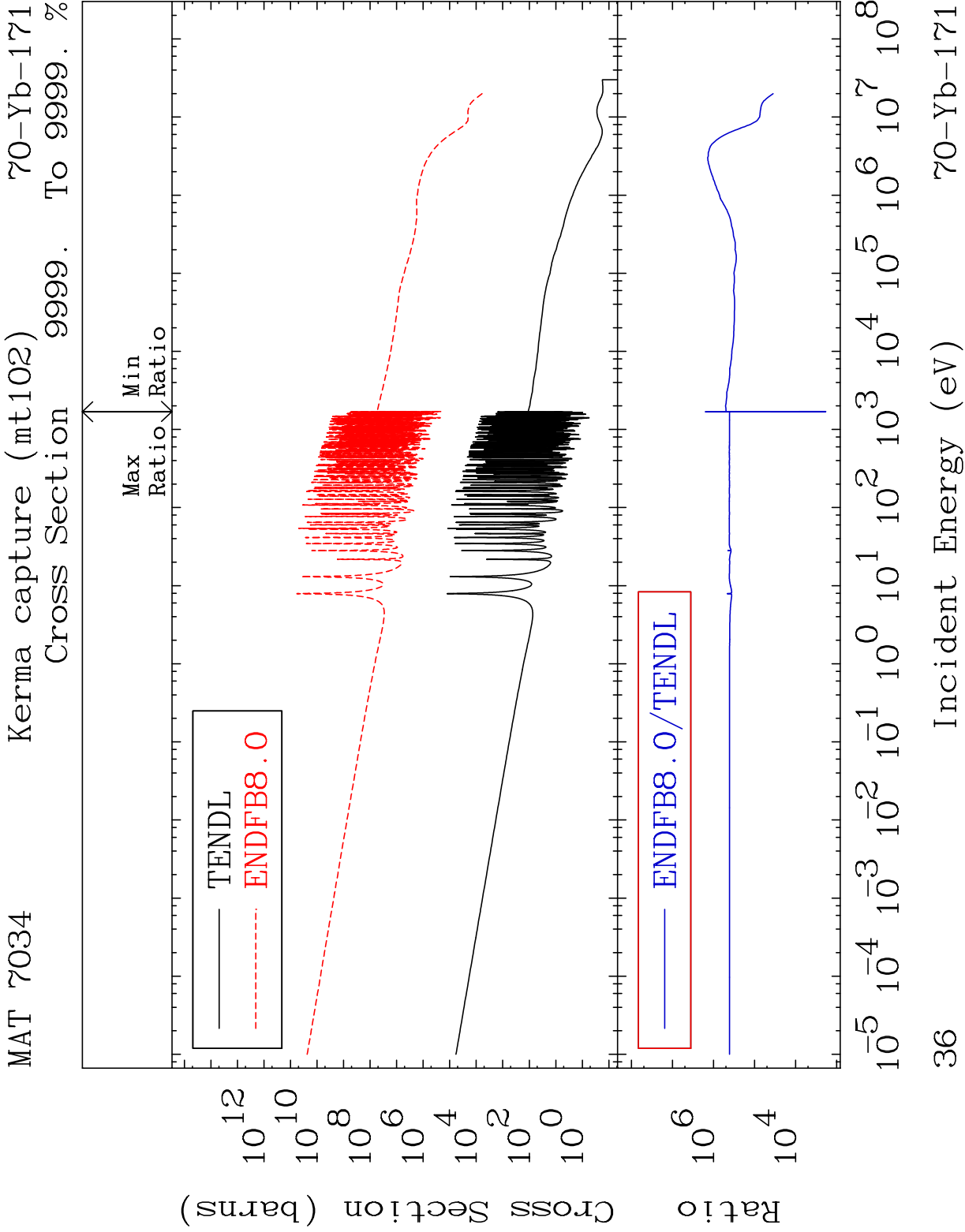
70-Yb-171



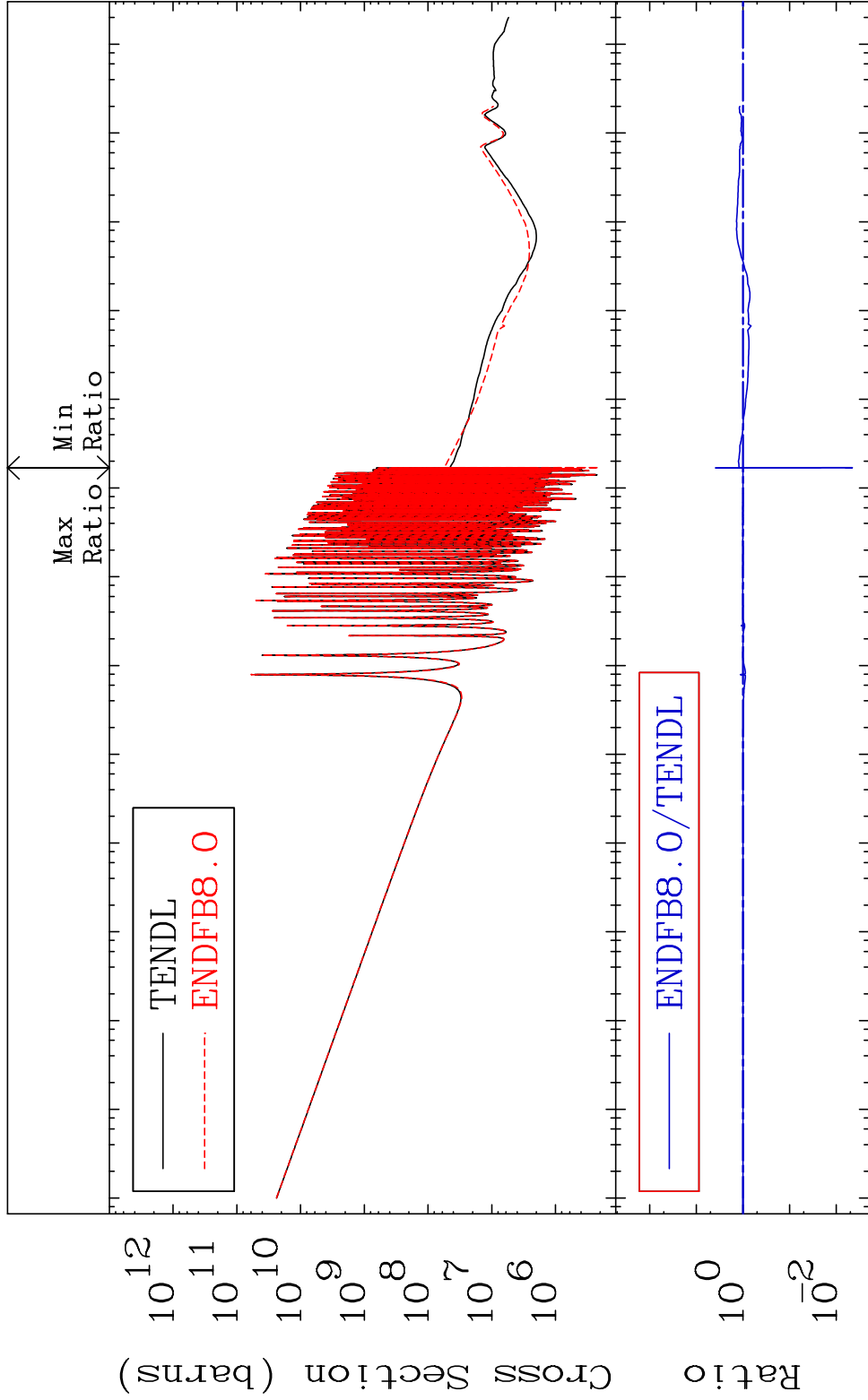


MAT 7034 Kerma fission (mt18 or mt19-20-21-38)70-Yb-171
Cross Section 1008. To 9999. %

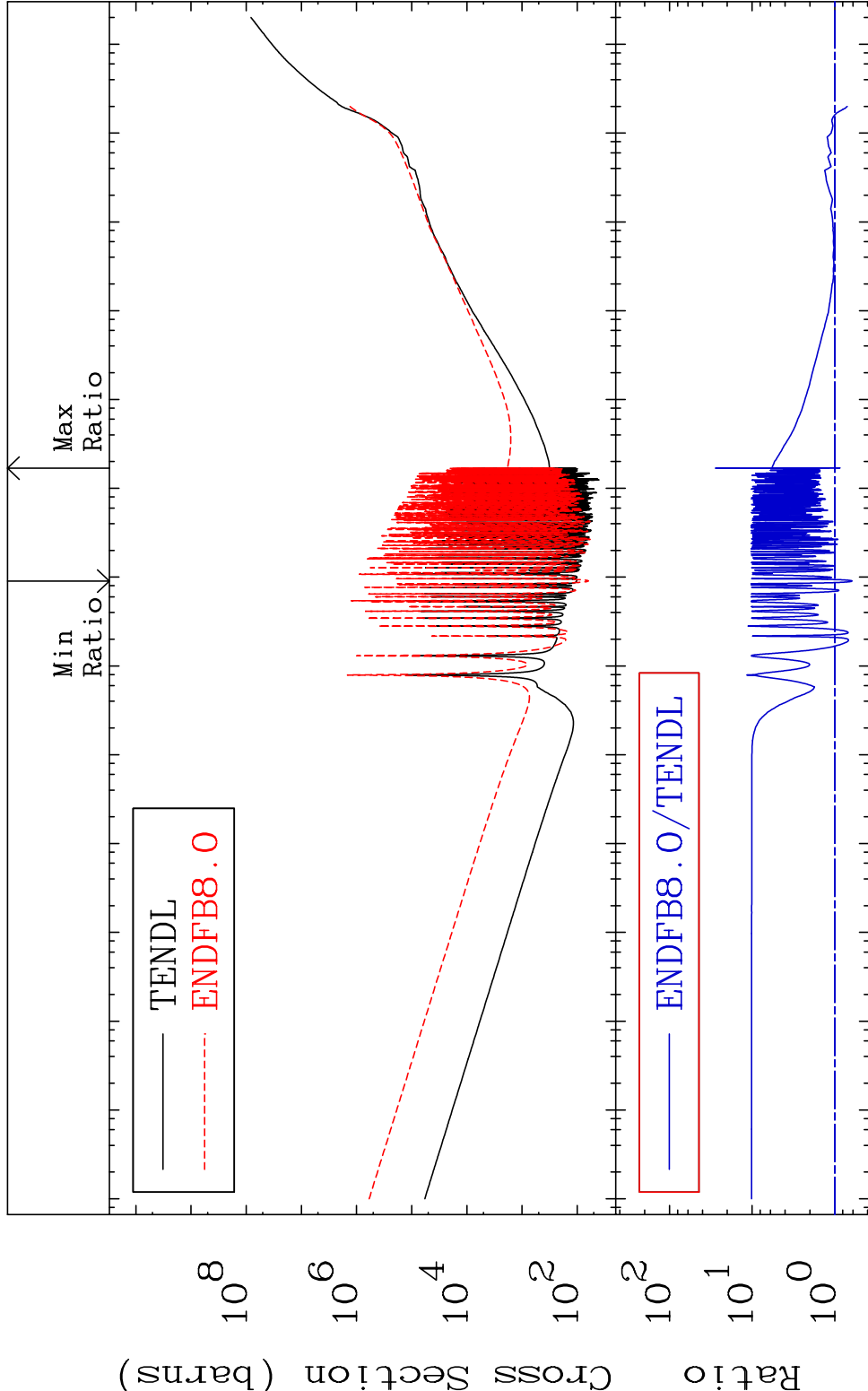




MAT 7034 Total photon (eV-barns) 70-Yb-171
Cross Section -99.54 To 285.9 %

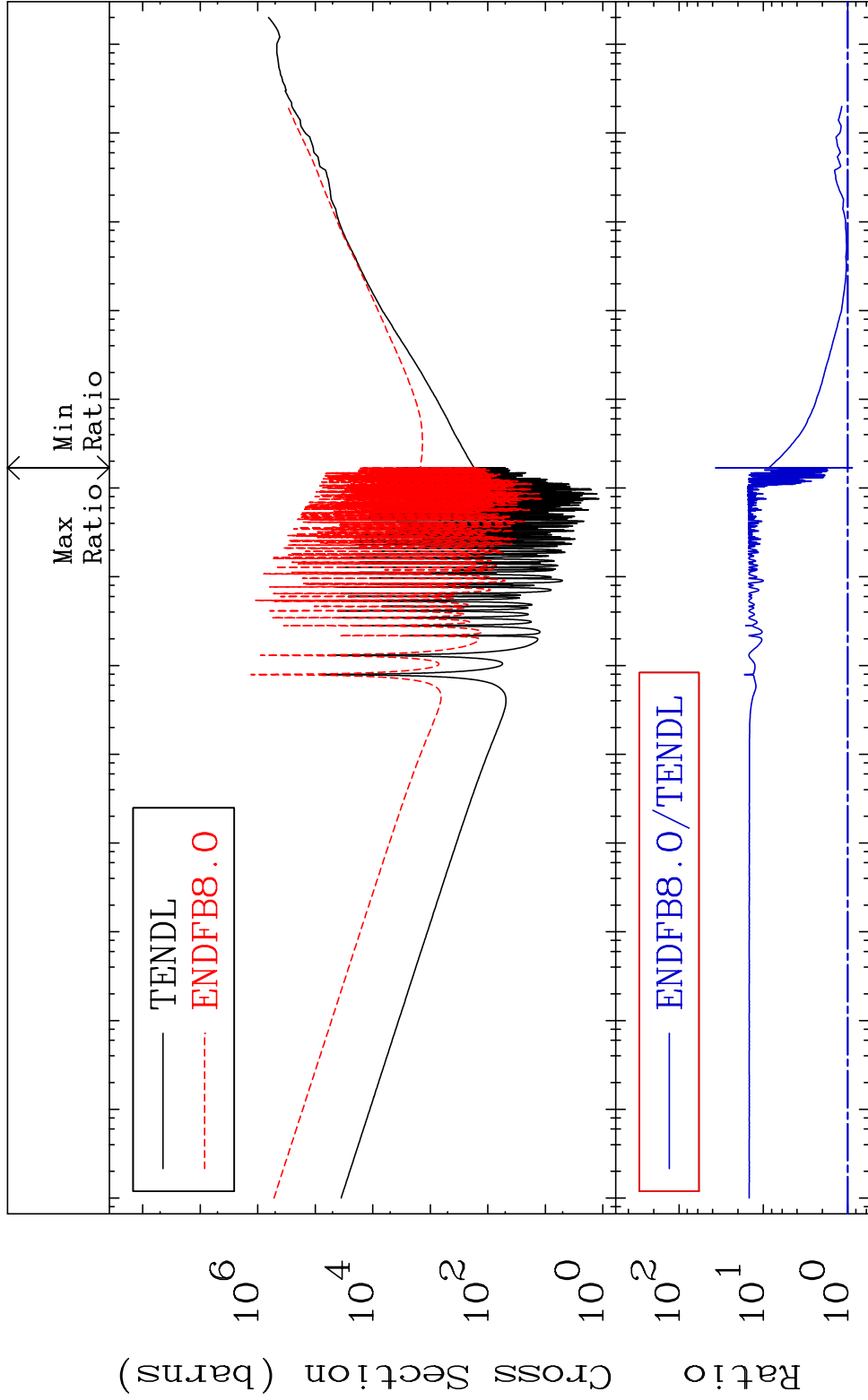


MAT 7034 Total kinematic kerma (high limit) 70-Yb-171
Cross Section -38.60 To 2666. %



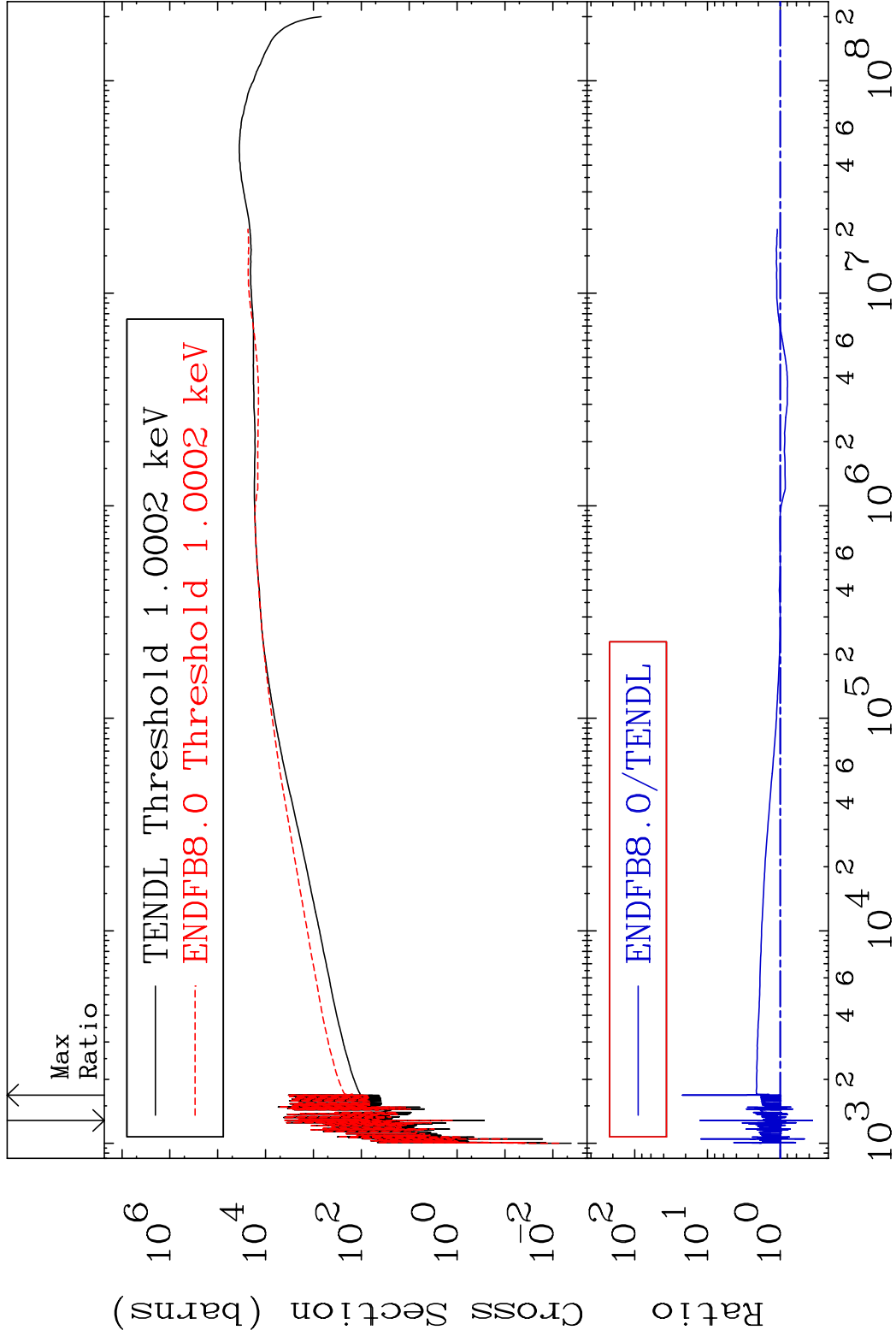
Incident Energy (eV) 70-Yb-171

MAT 7034 Dpa total (eV-barns) 70-Yb-171
Cross Section -11.53 To 3583. %



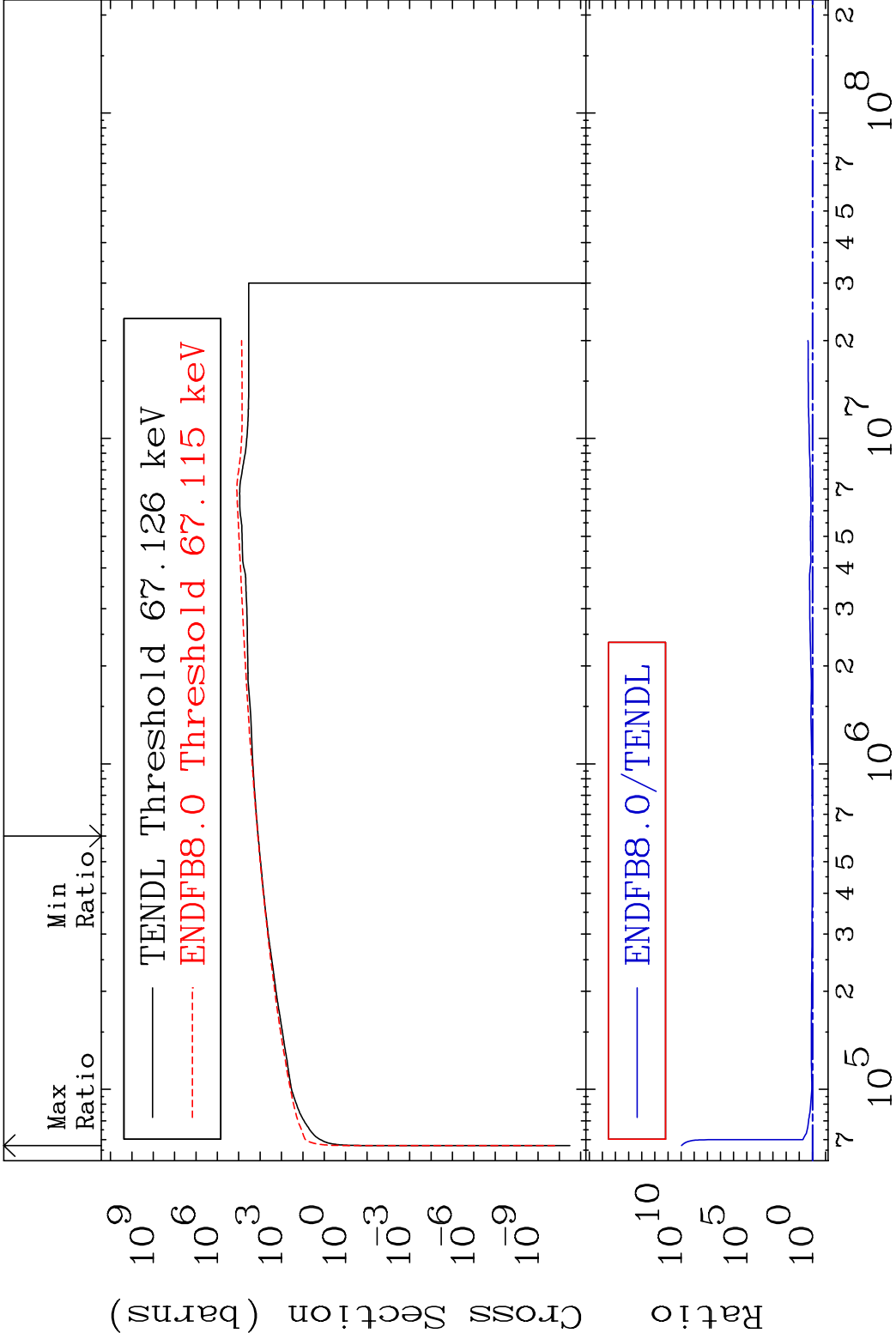
39 Incident Energy (eV) 70-Yb-171

MAT 7034 Dpa elastic (mt2) 70-Yb-171
Cross Section -64.13 To 2117. %

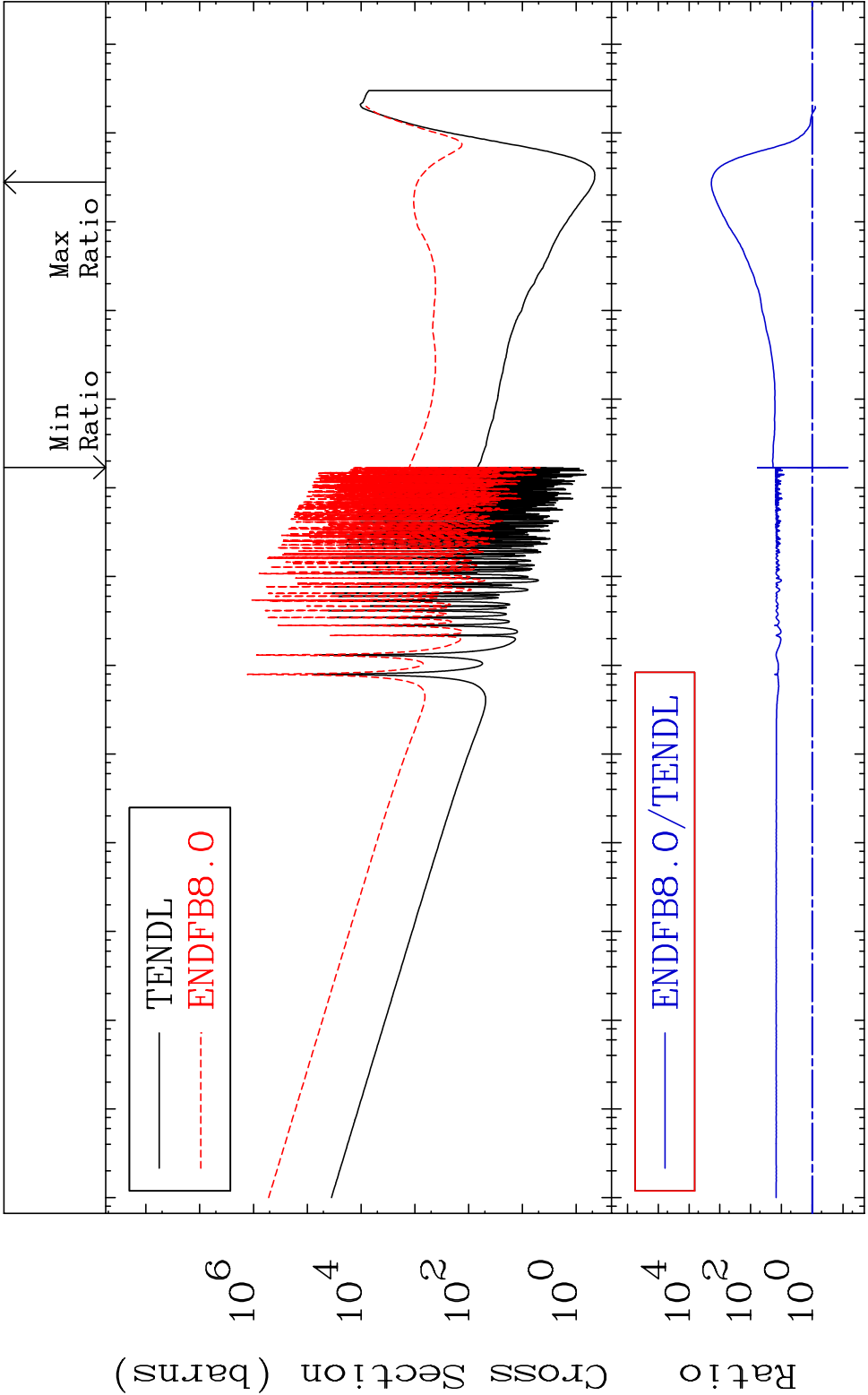


40 Incident Energy (eV) 70-Yb-171

MAT 7034 Dpa inelastic (mt51-91) 70-Yb-171
Cross Section 2.996 To 9999. %



MAT 7034 Dpa disappearance (mt102 -120) 70-Yb-171
Cross Section -93.01 To 9999. %



42 Incident Energy (eV) 70-Yb-171