

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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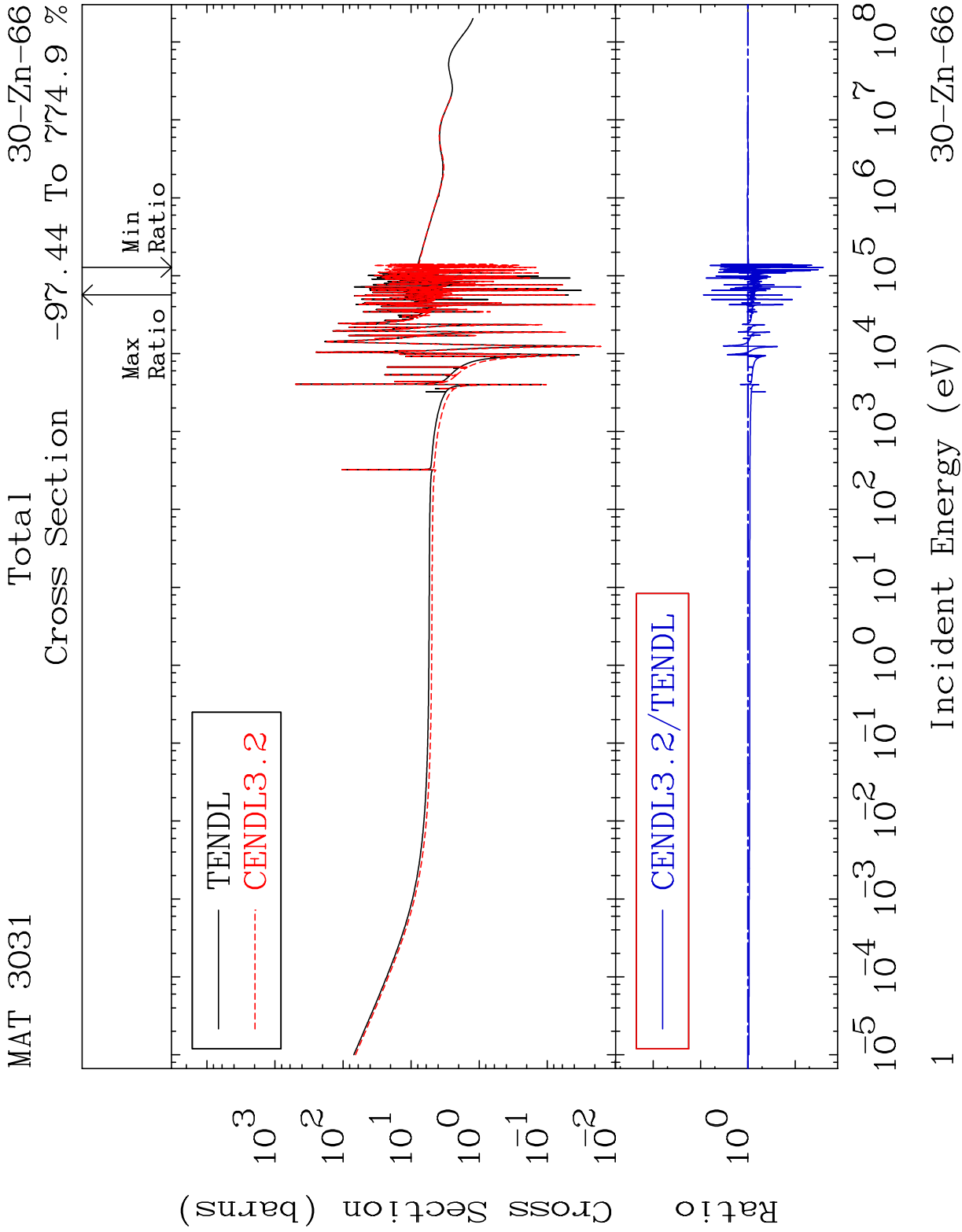
U.S.A.

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Press Mouse Button to Start

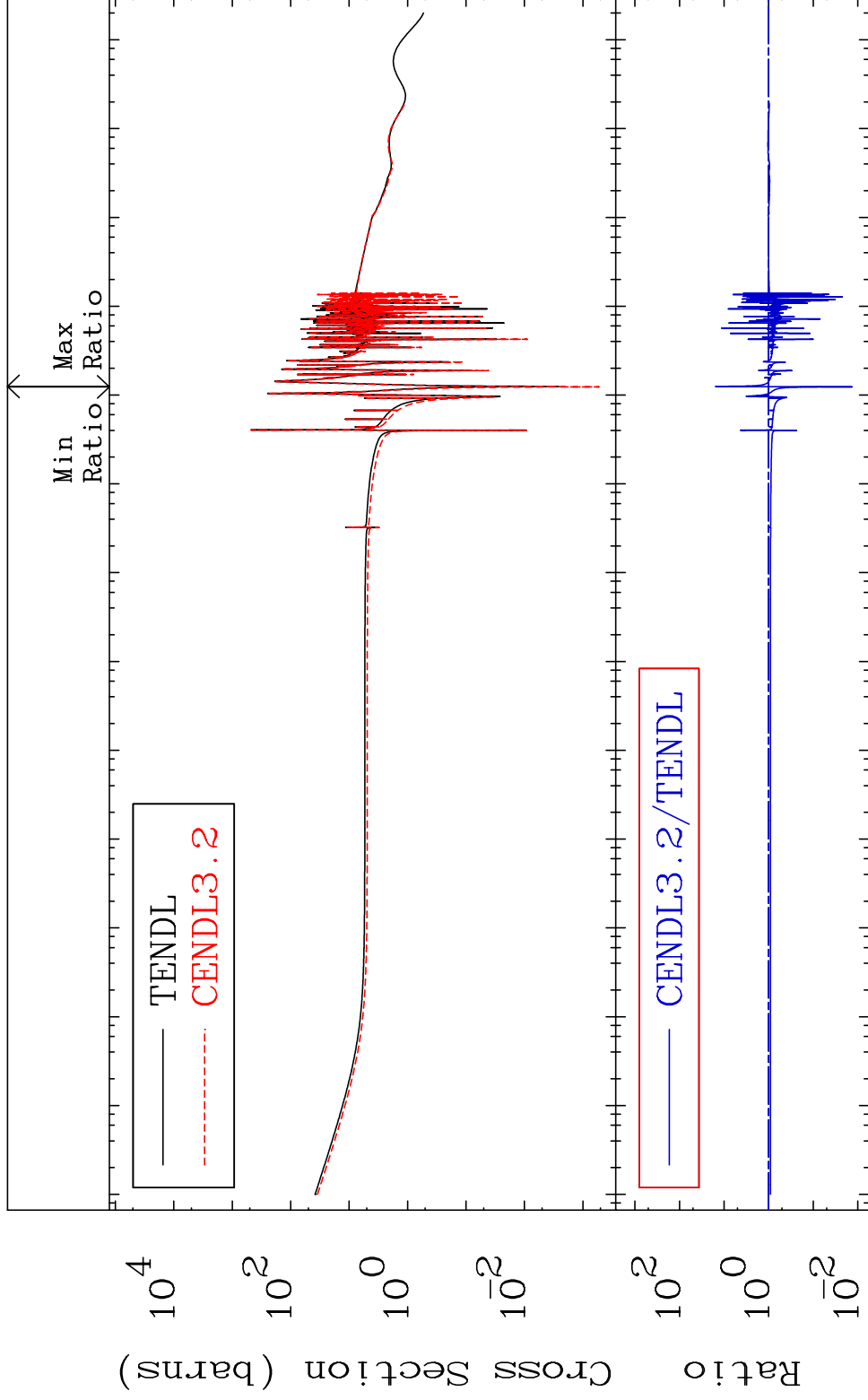


MAT 3031

Elastic

30-Zn-66

Cross Section -98.67 To 1444. %

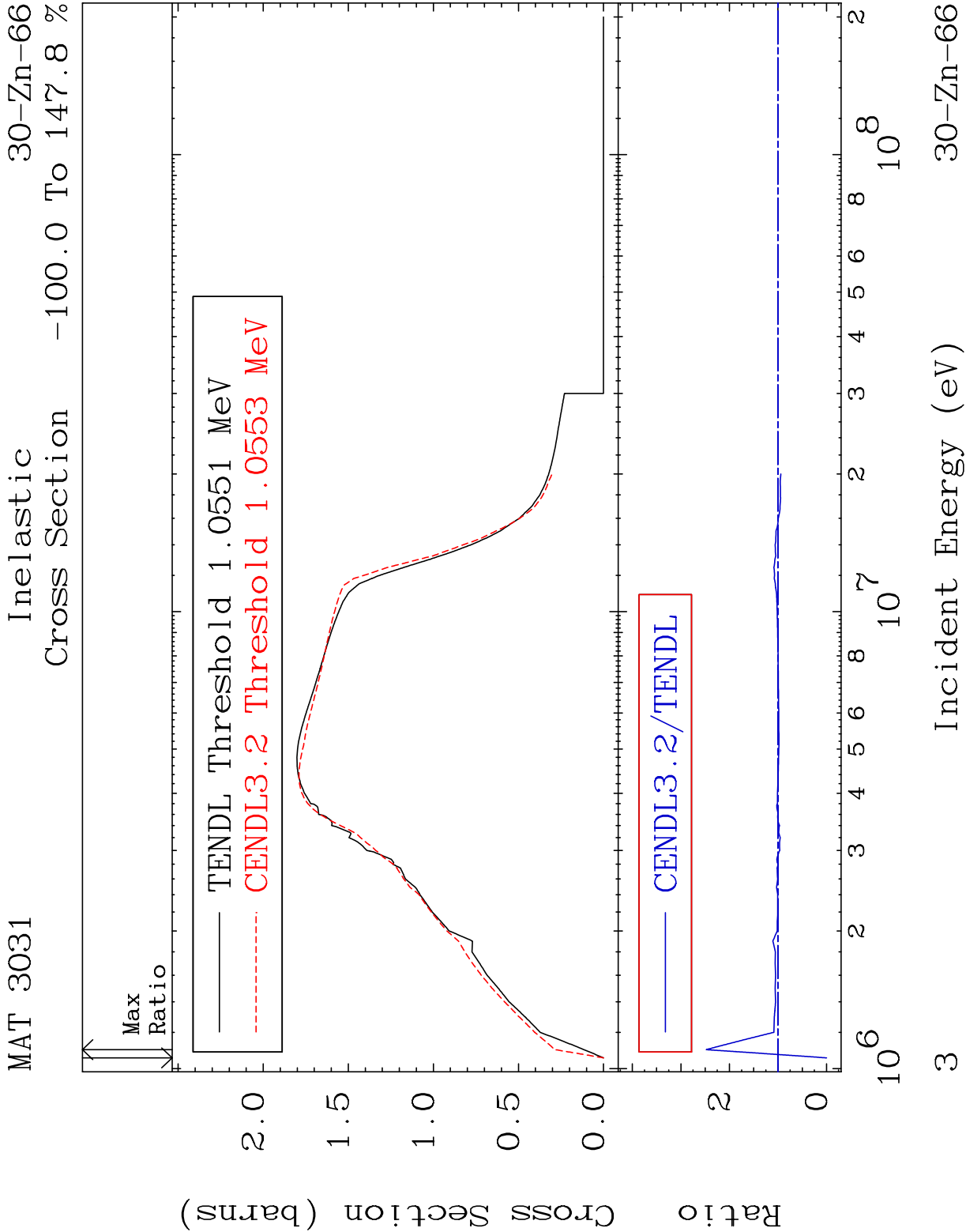


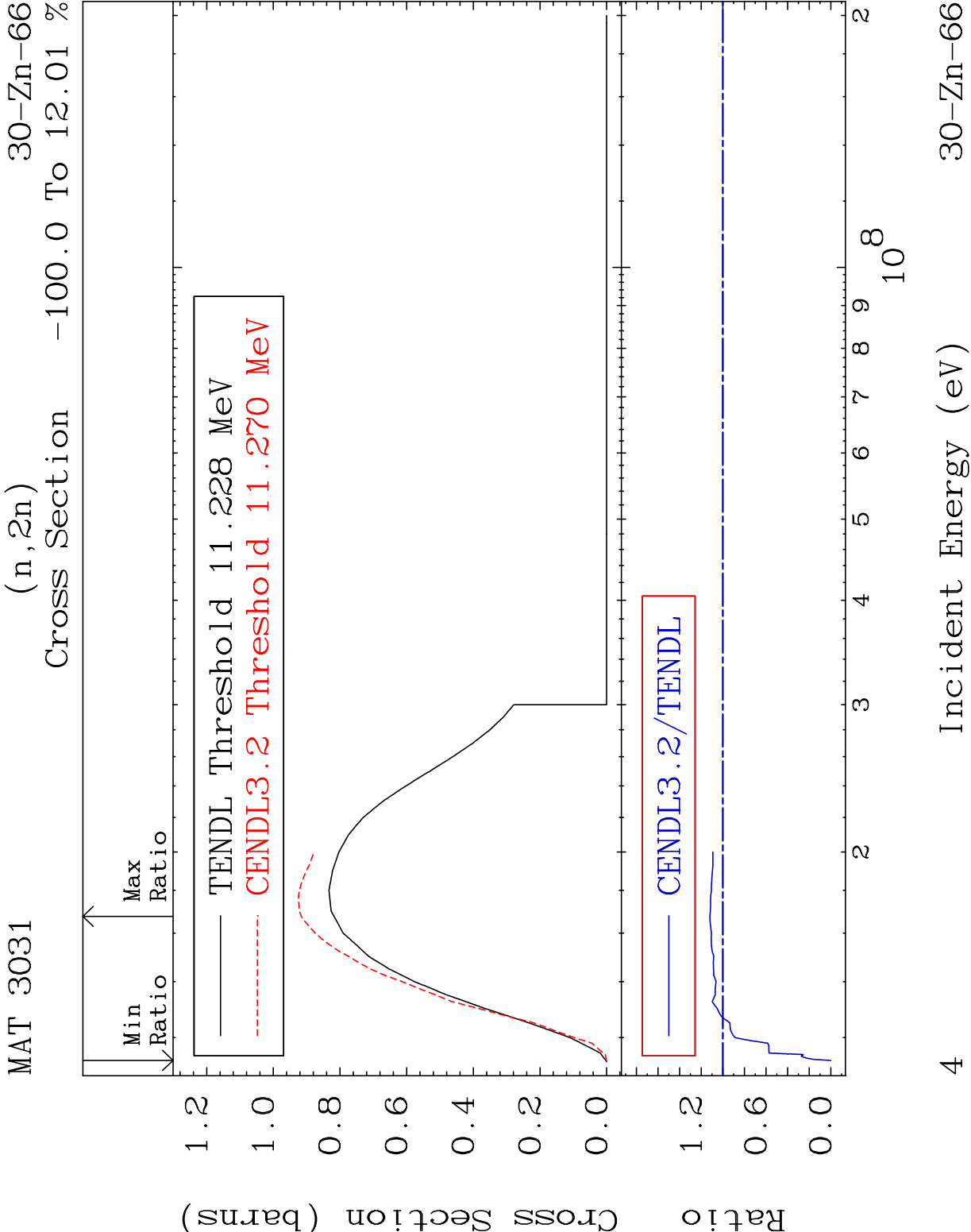
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

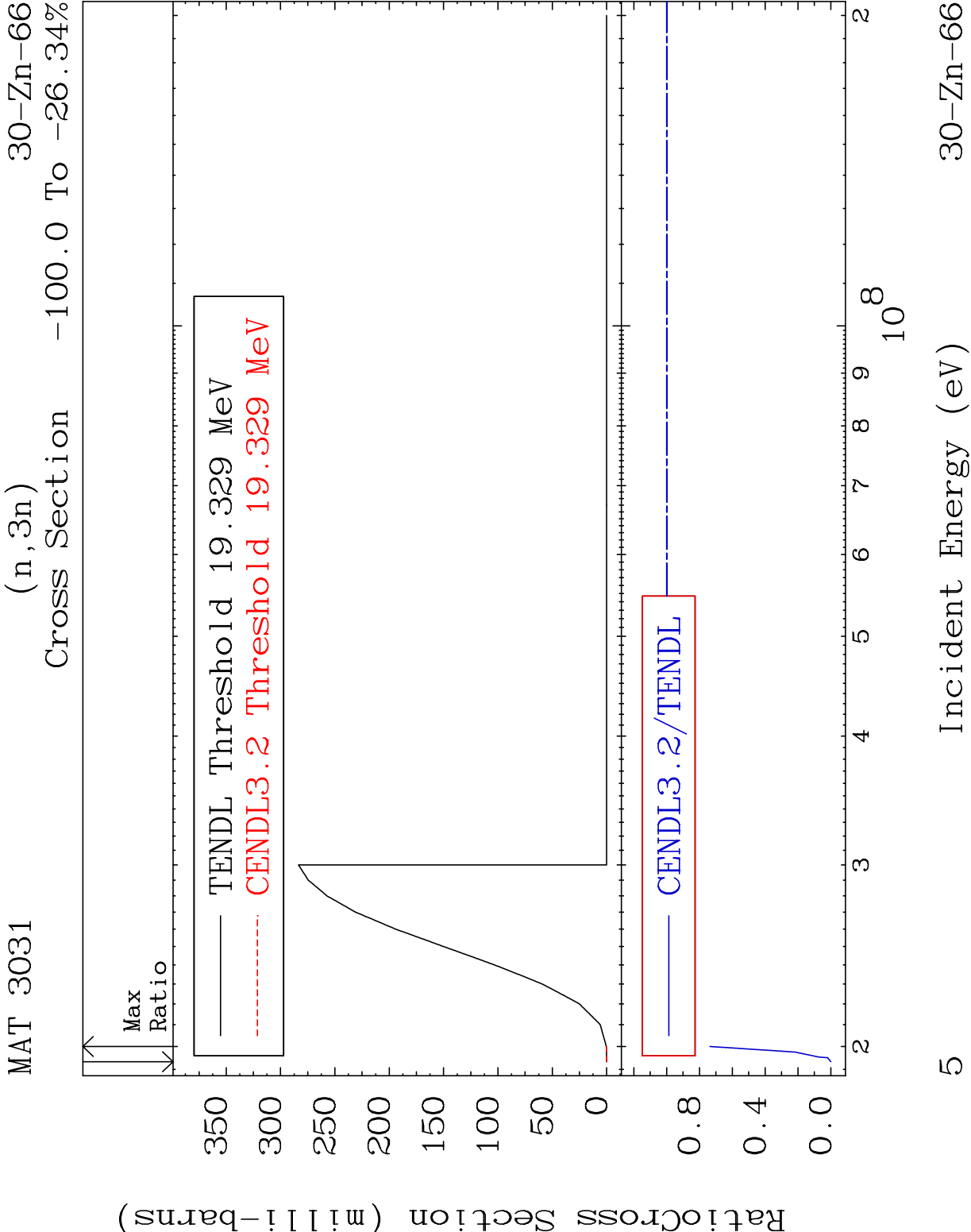
2

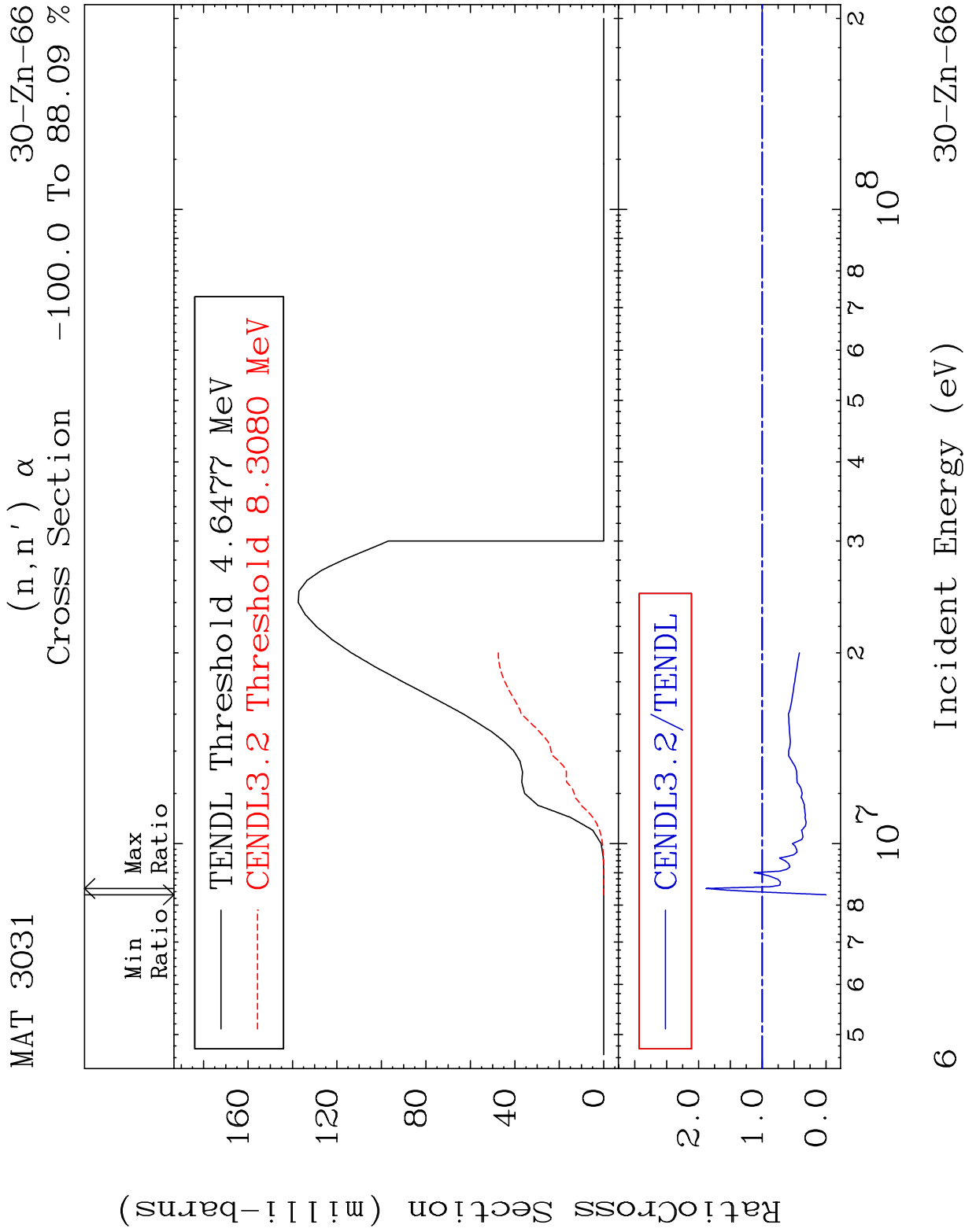
Incident Energy (eV)

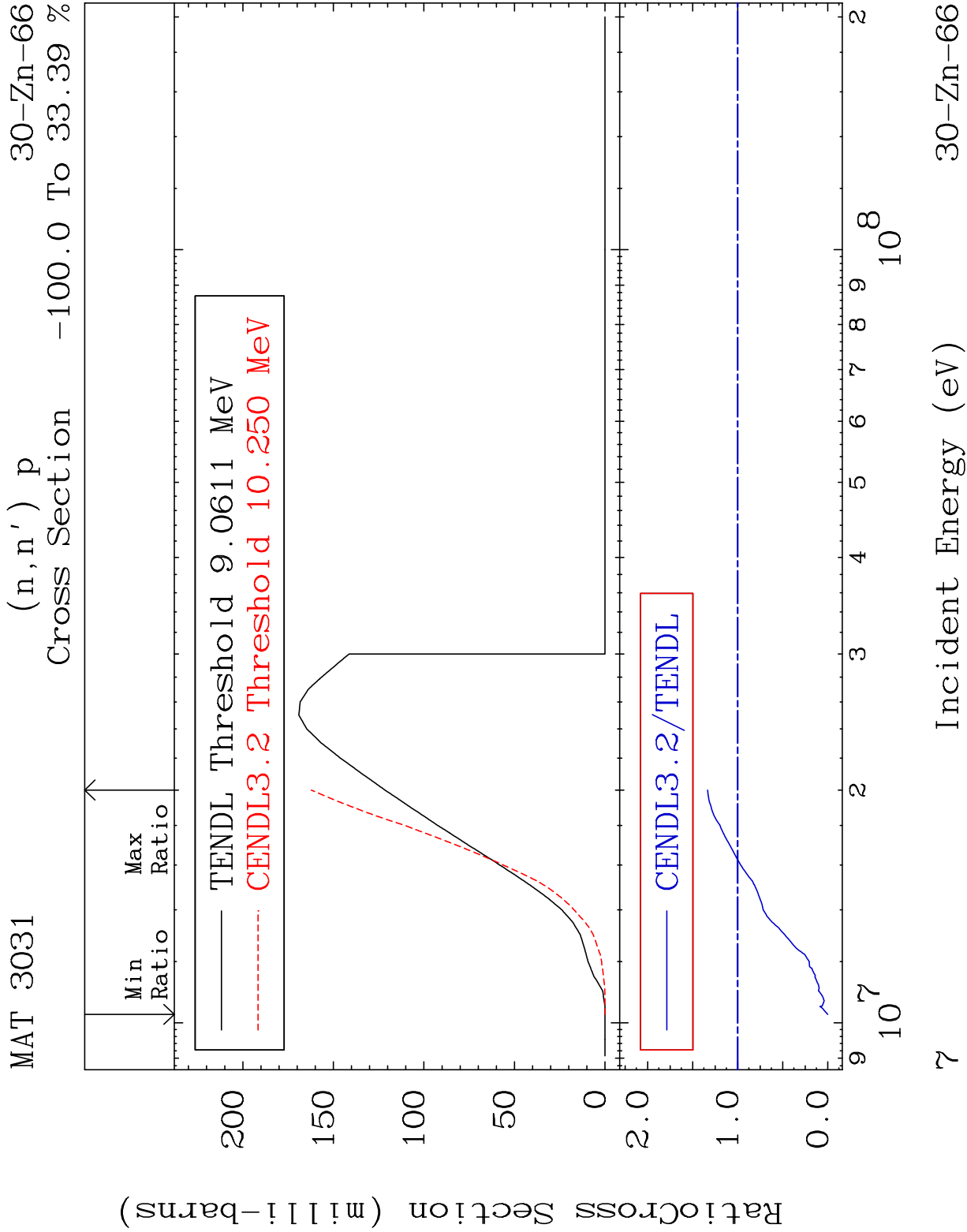
30-Zn-66

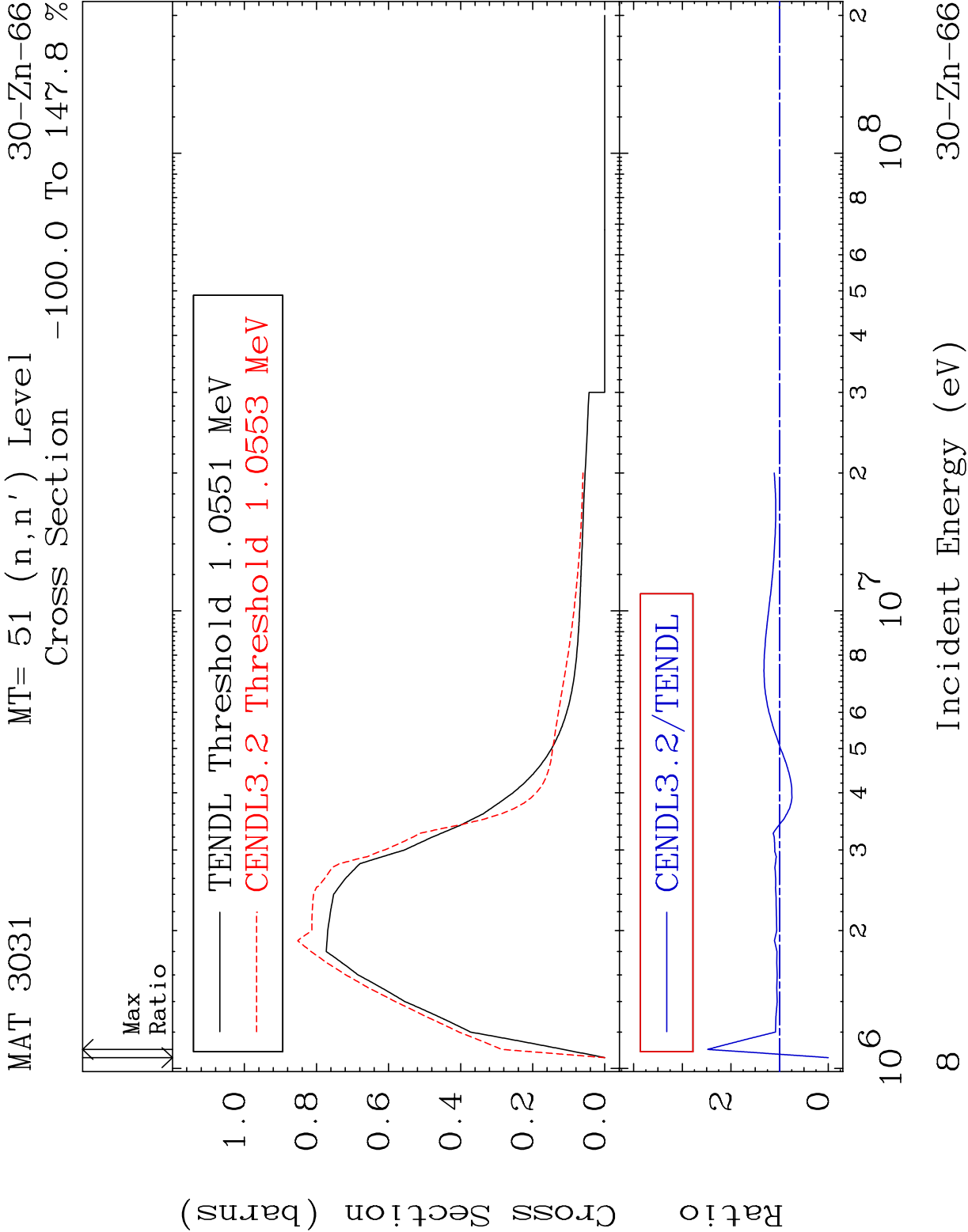


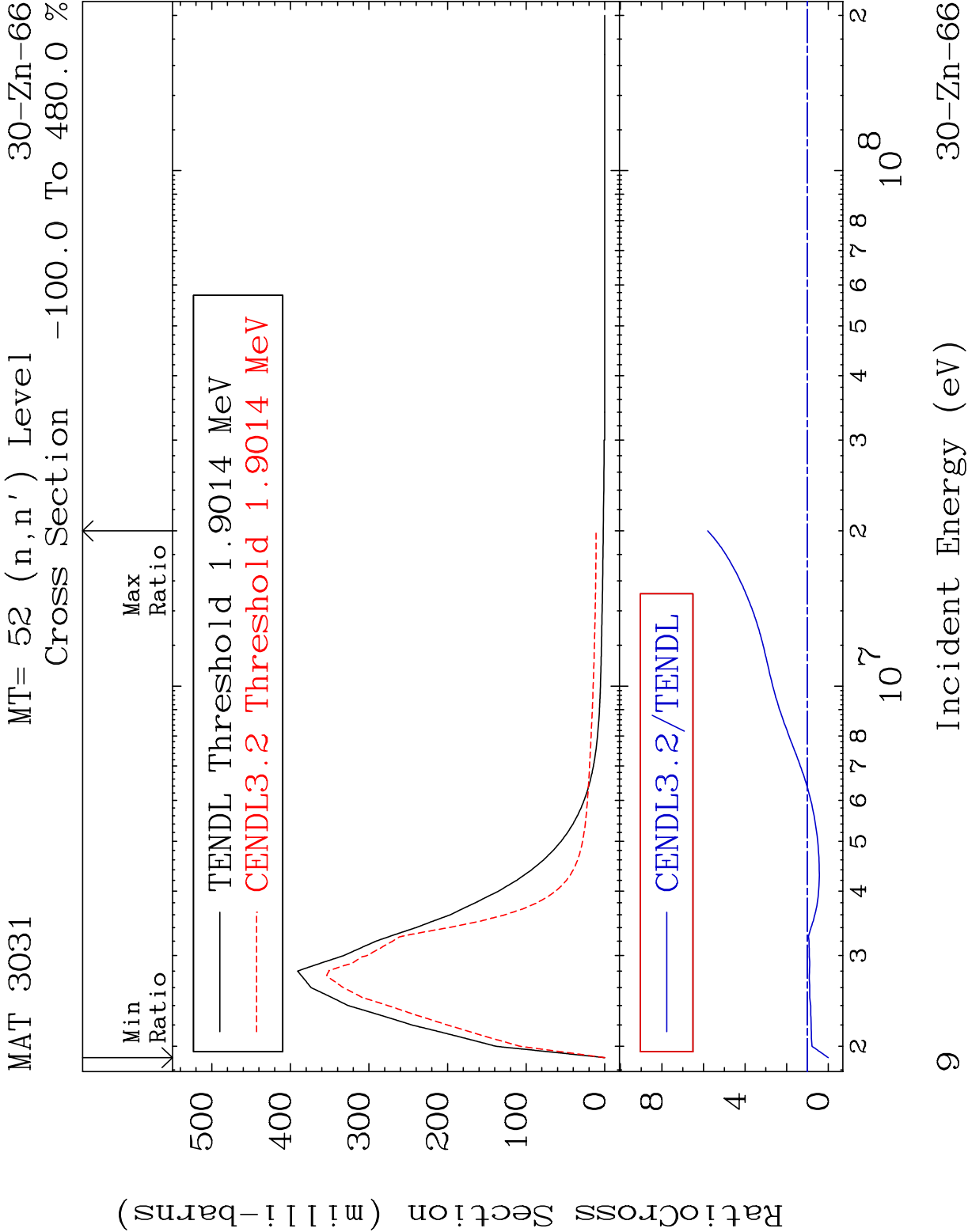


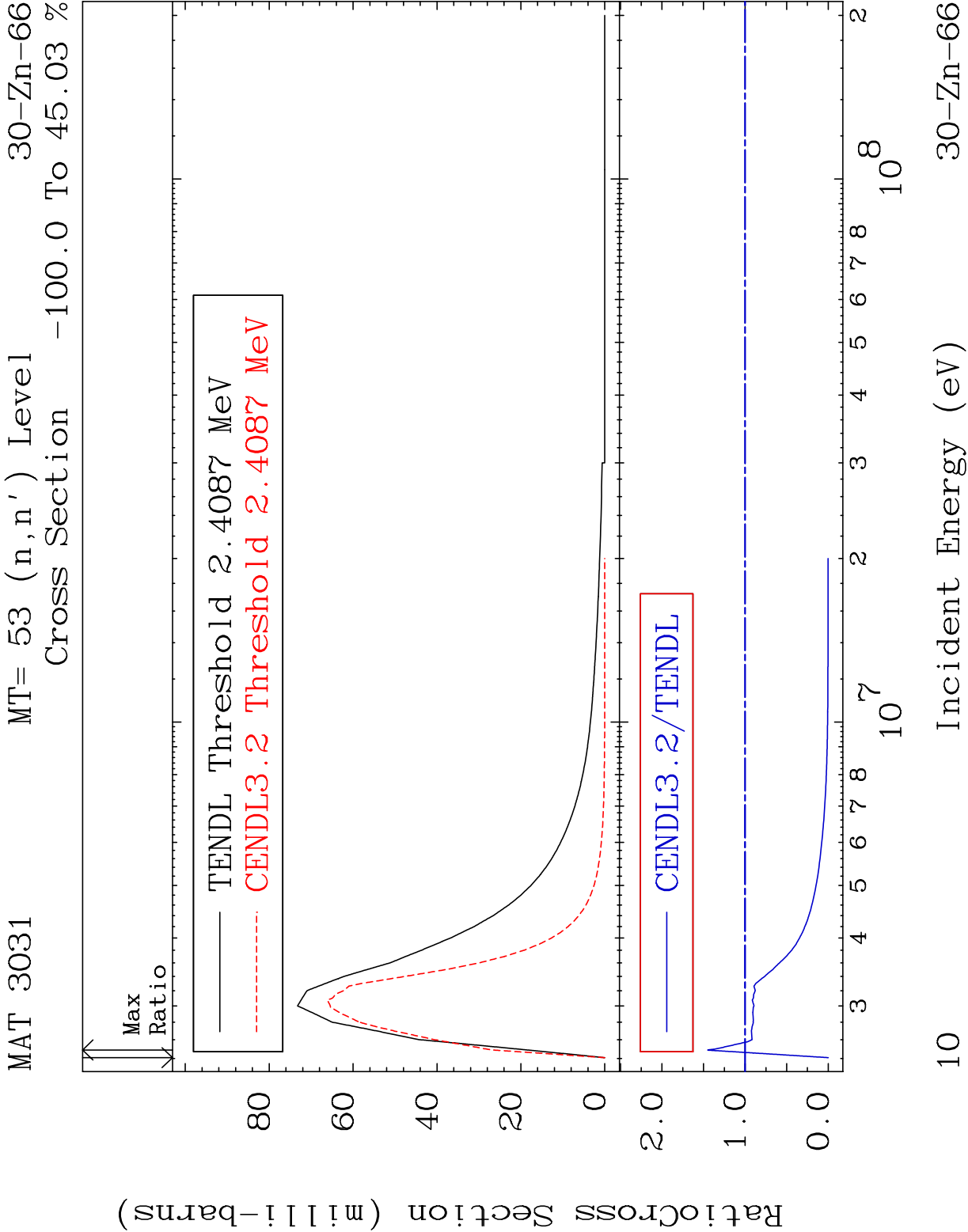




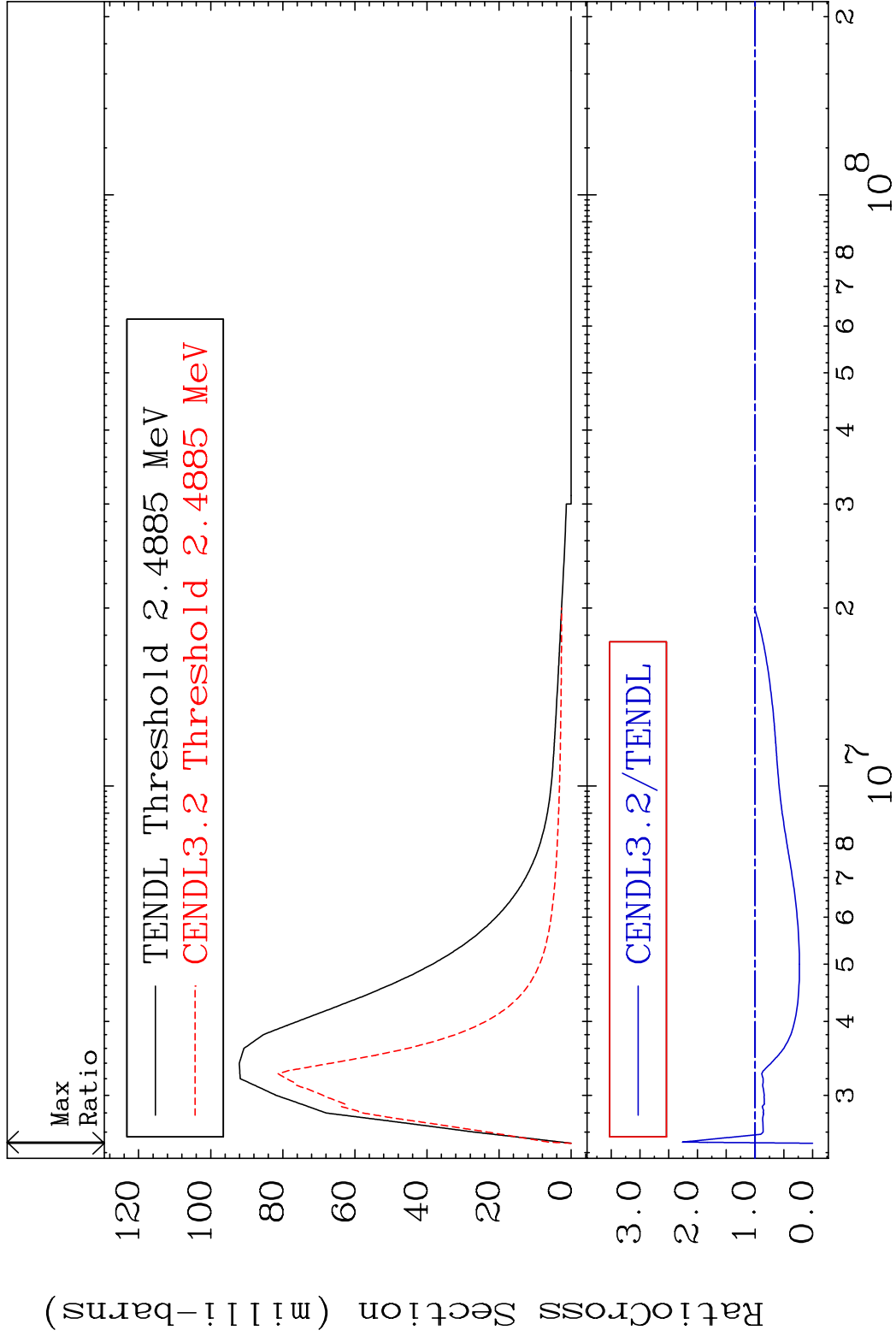


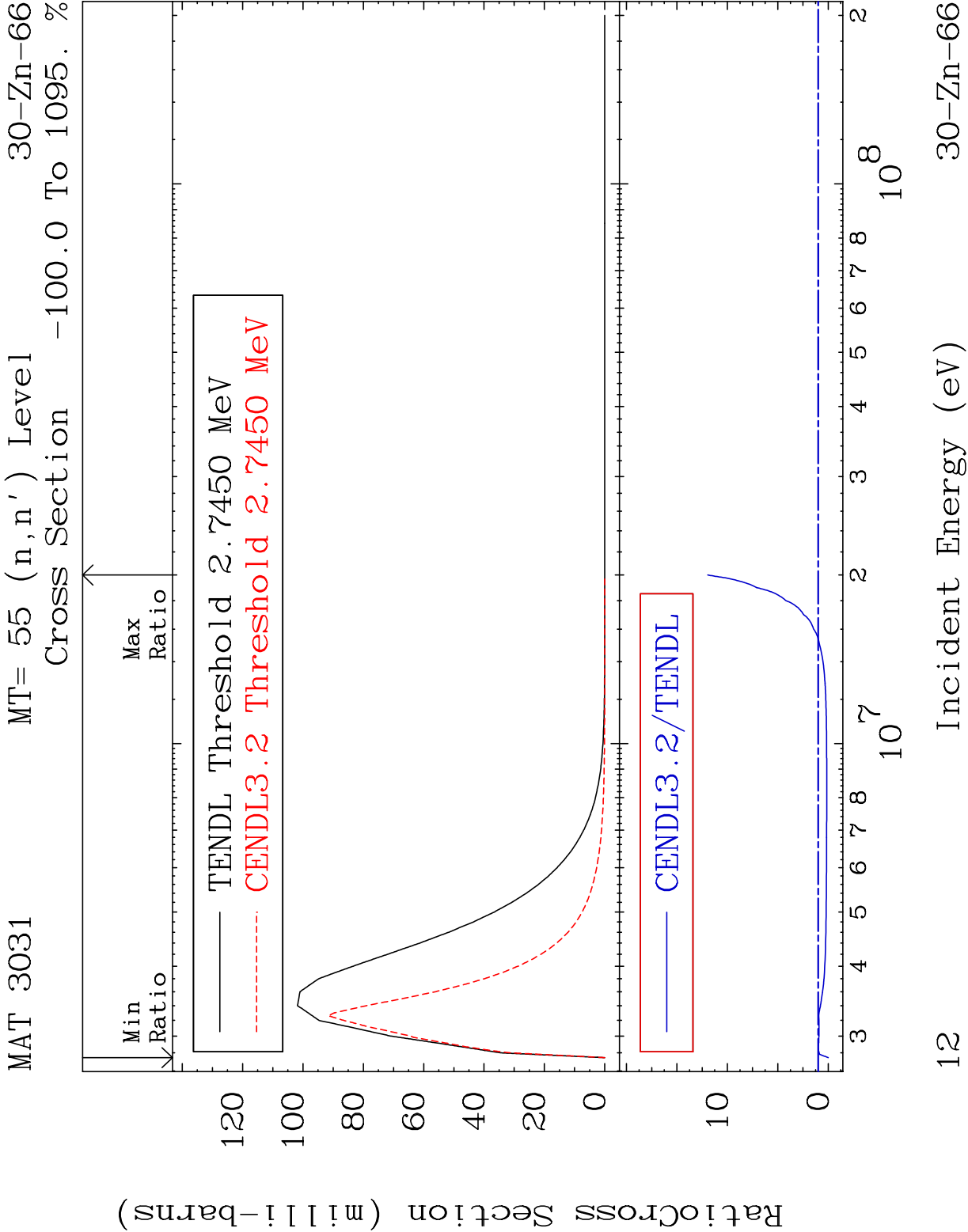




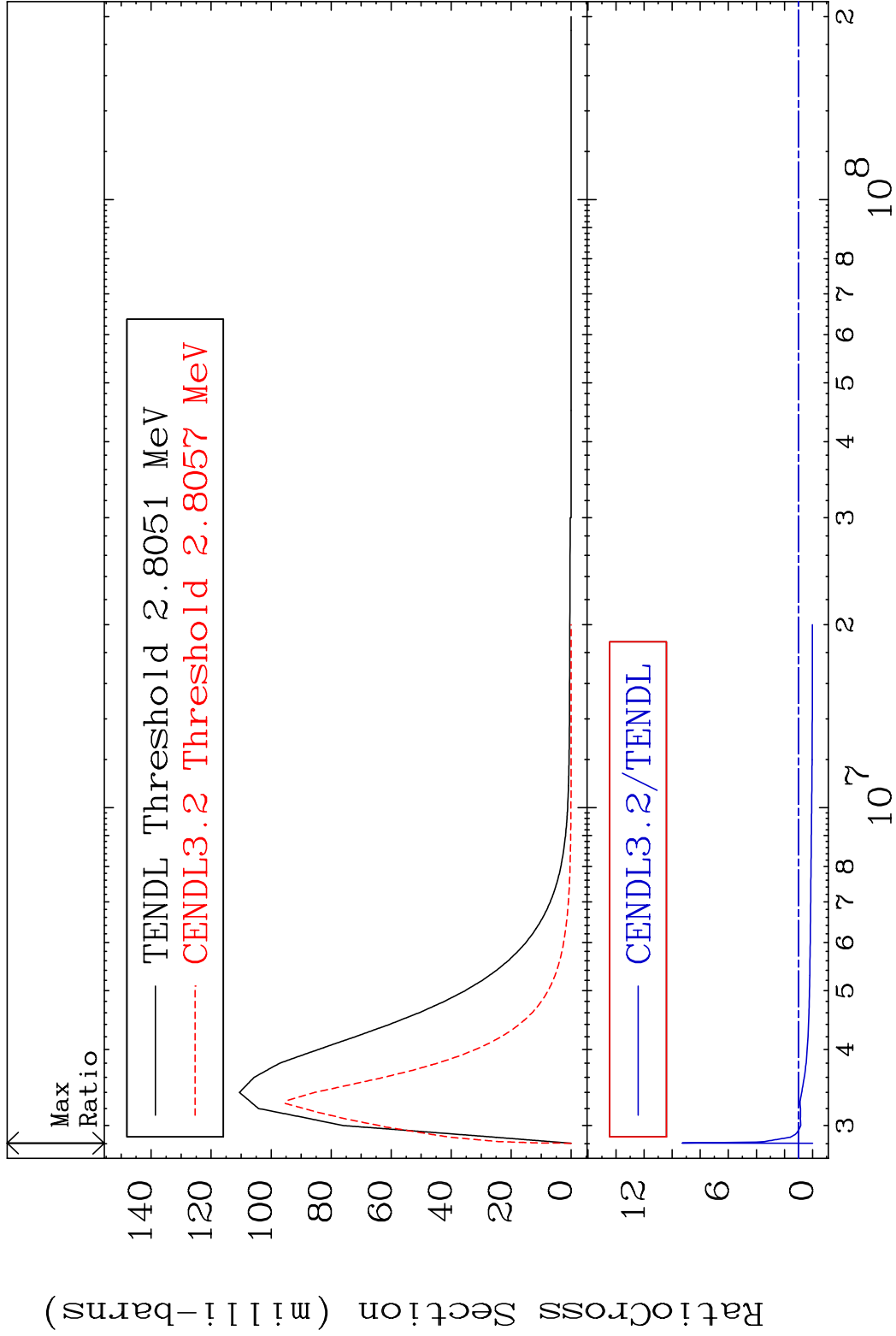


MAT 3031 MT= 54 (n,n') Level 30-Zn-66
Cross Section -100.0 To 126.3 %





MAT 3031 MT= 56 (n,n') Level 30-Zn-66
Cross Section -100.0 To 827.5 %



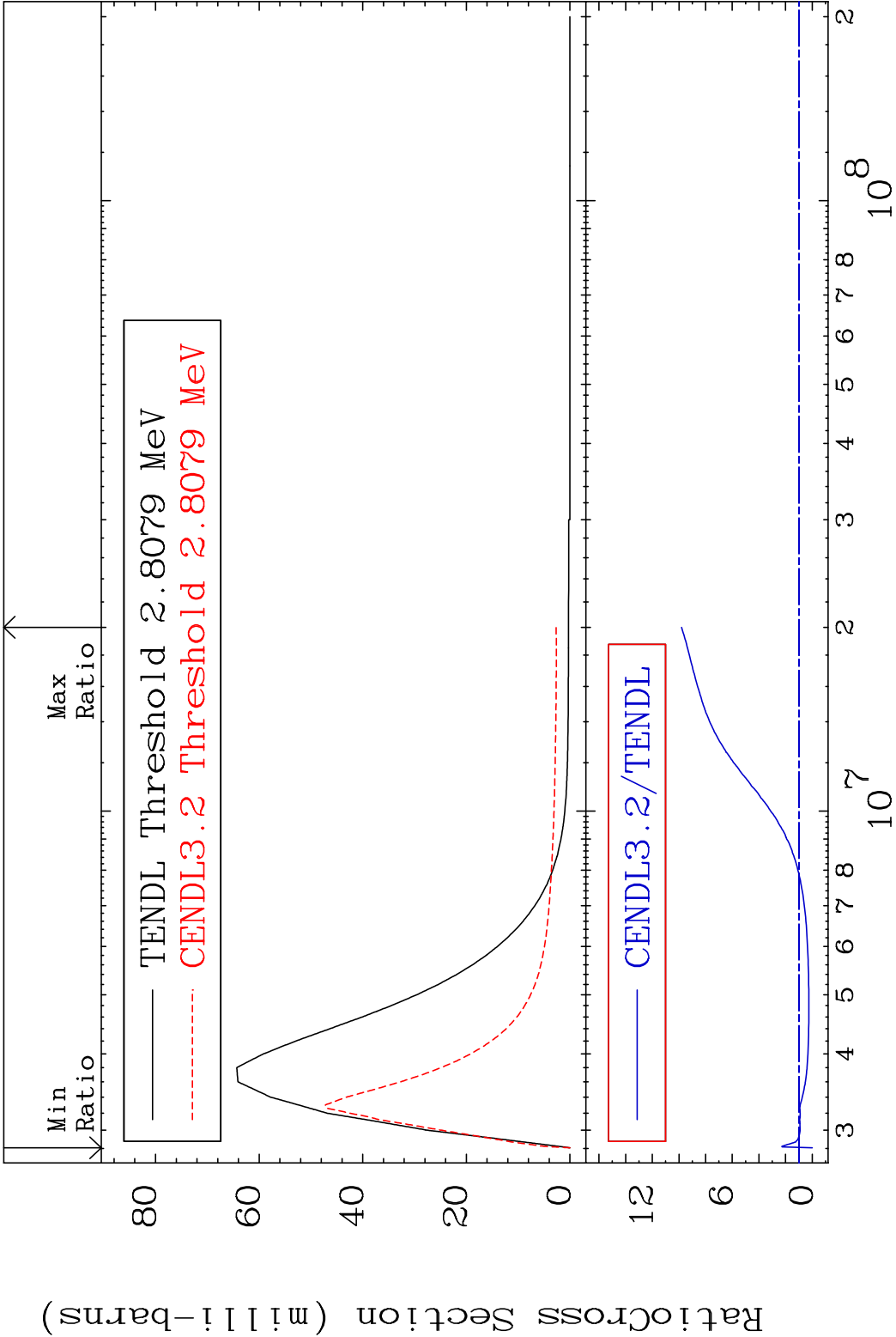
MAT 3031

MT= 57 (n,n') Level

30-Zn-66

Cross Section

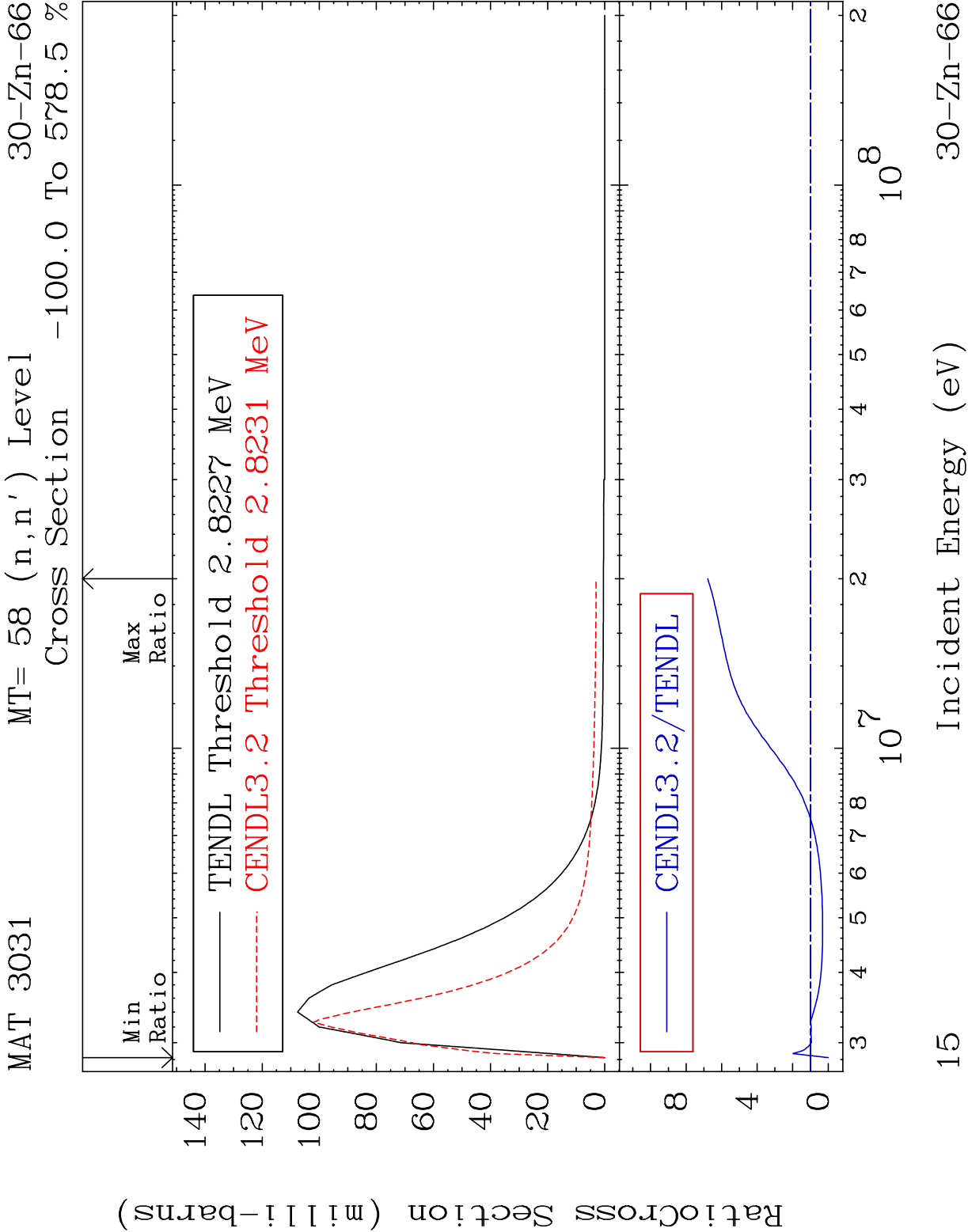
-100.0 To 880.6 %



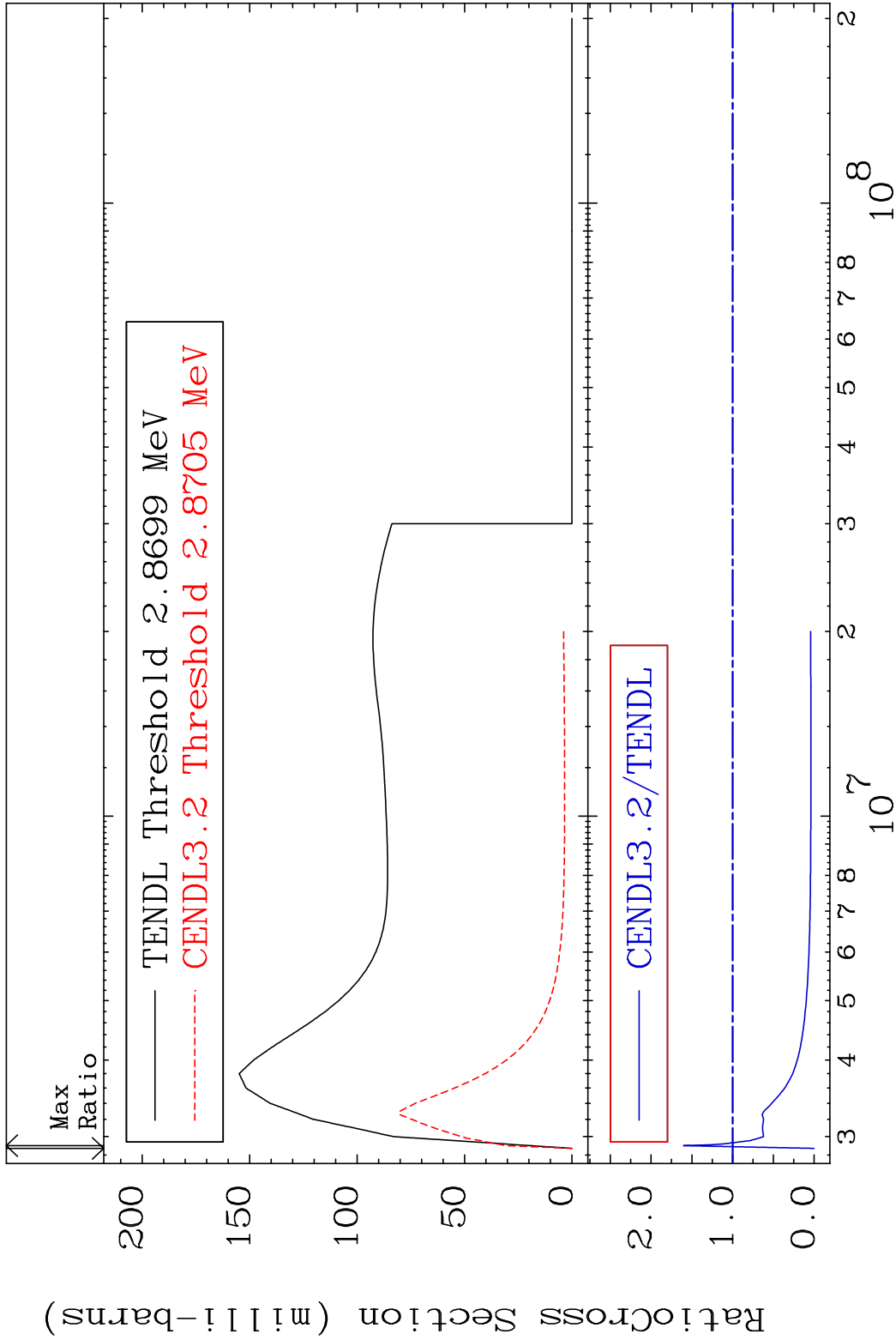
14

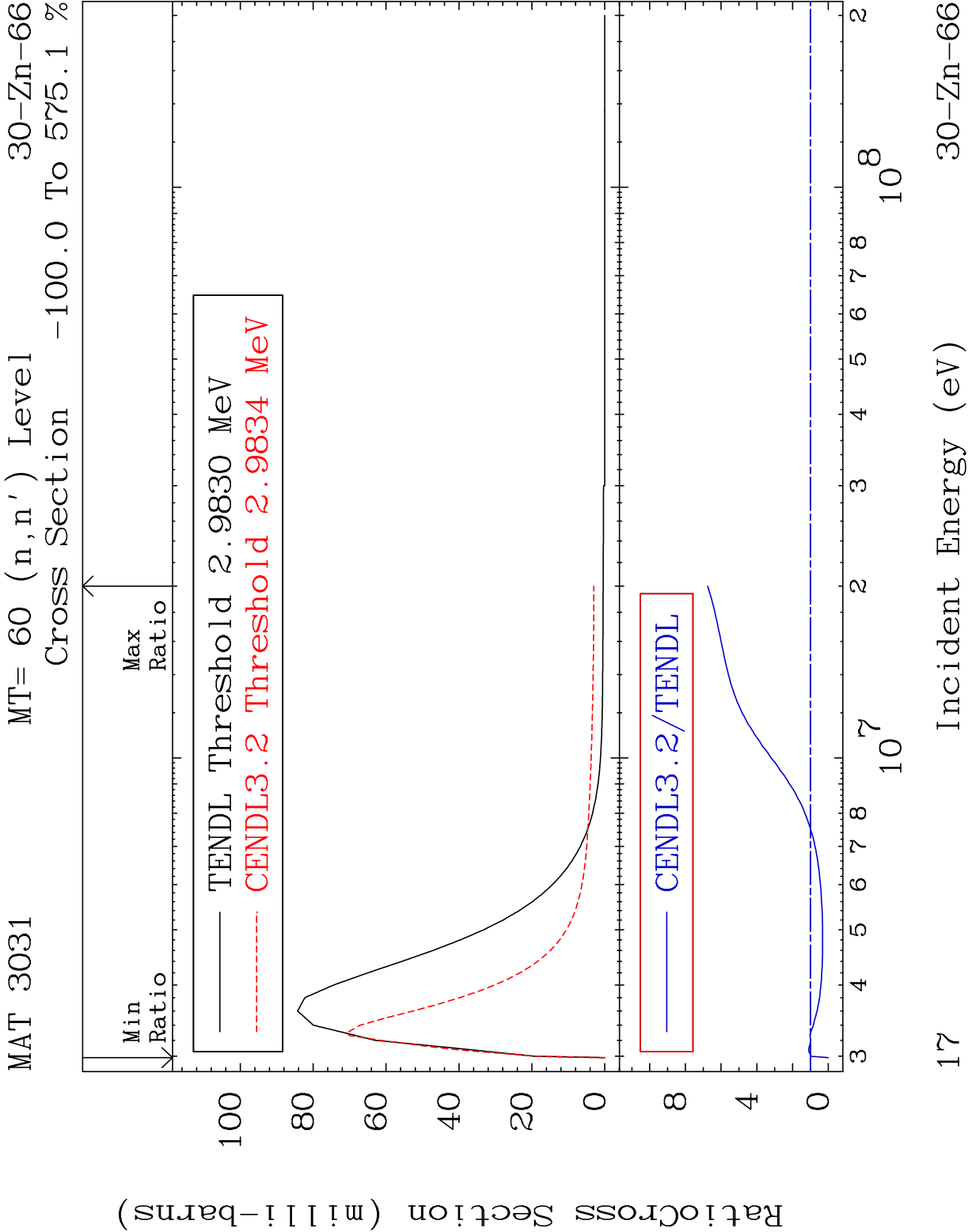
Incident Energy (eV)

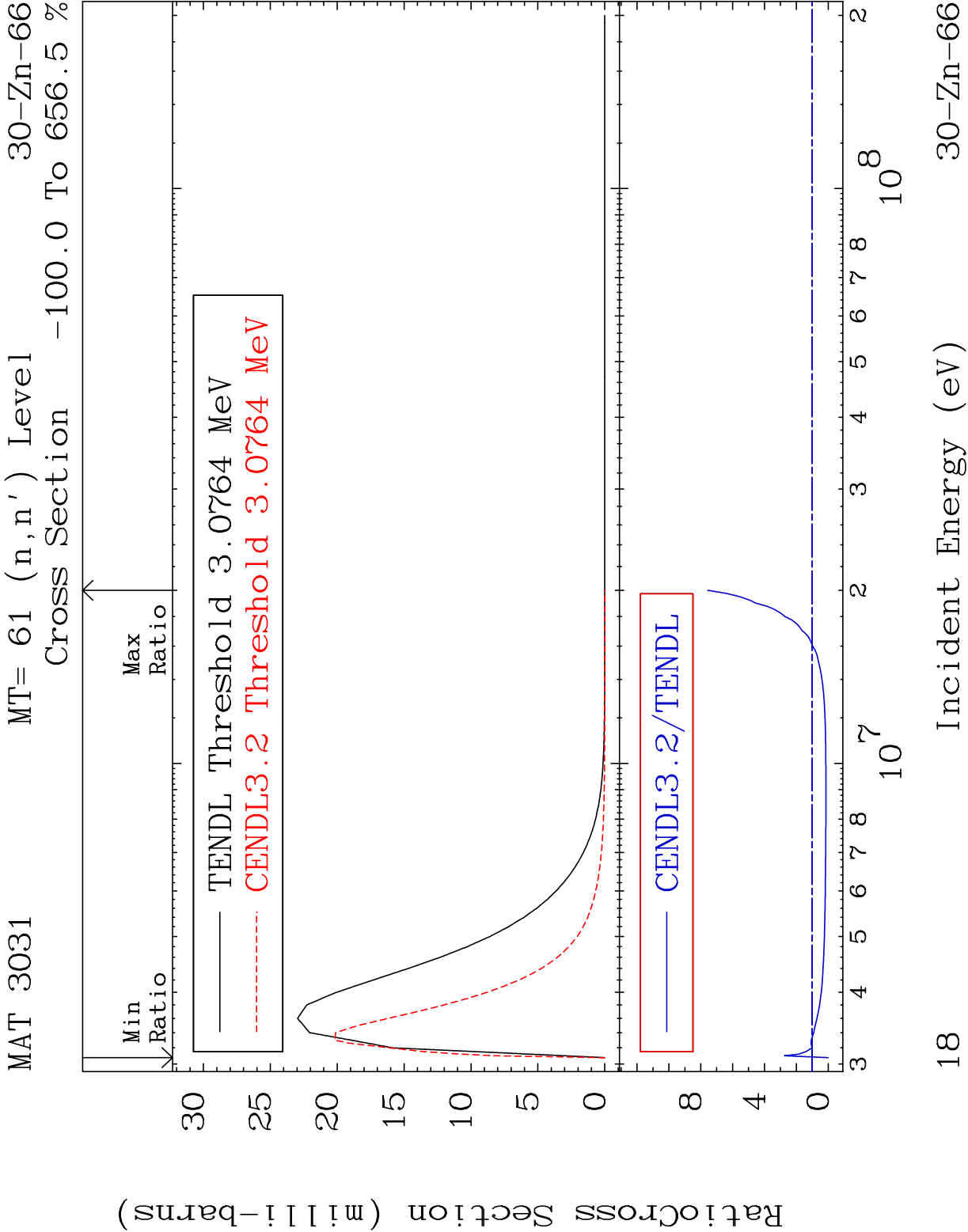
30-Zn-66

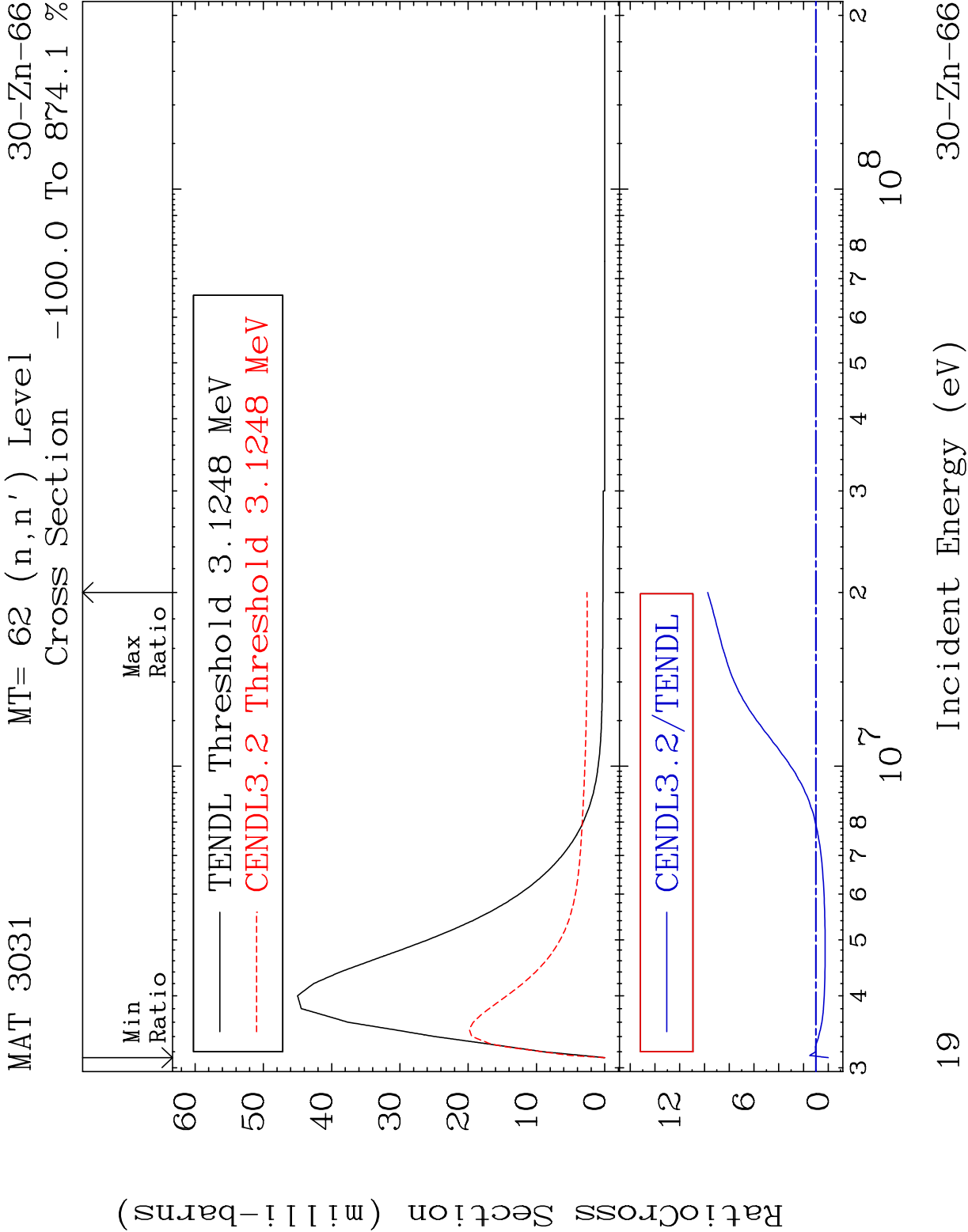


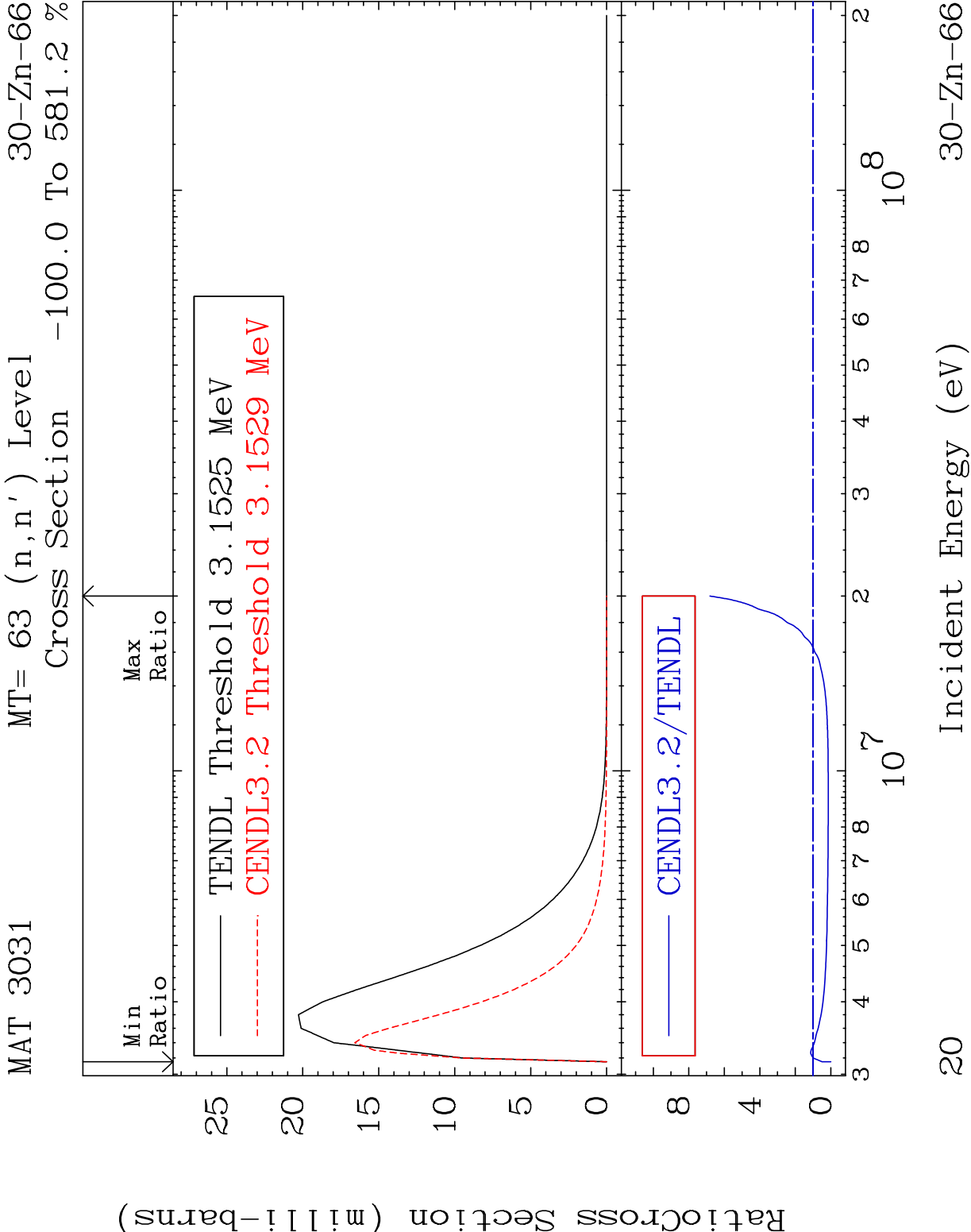
MAT 3031 MT= 59 (n,n') Level 30-Zn-66
Cross Section -100.0 To 60.30 %

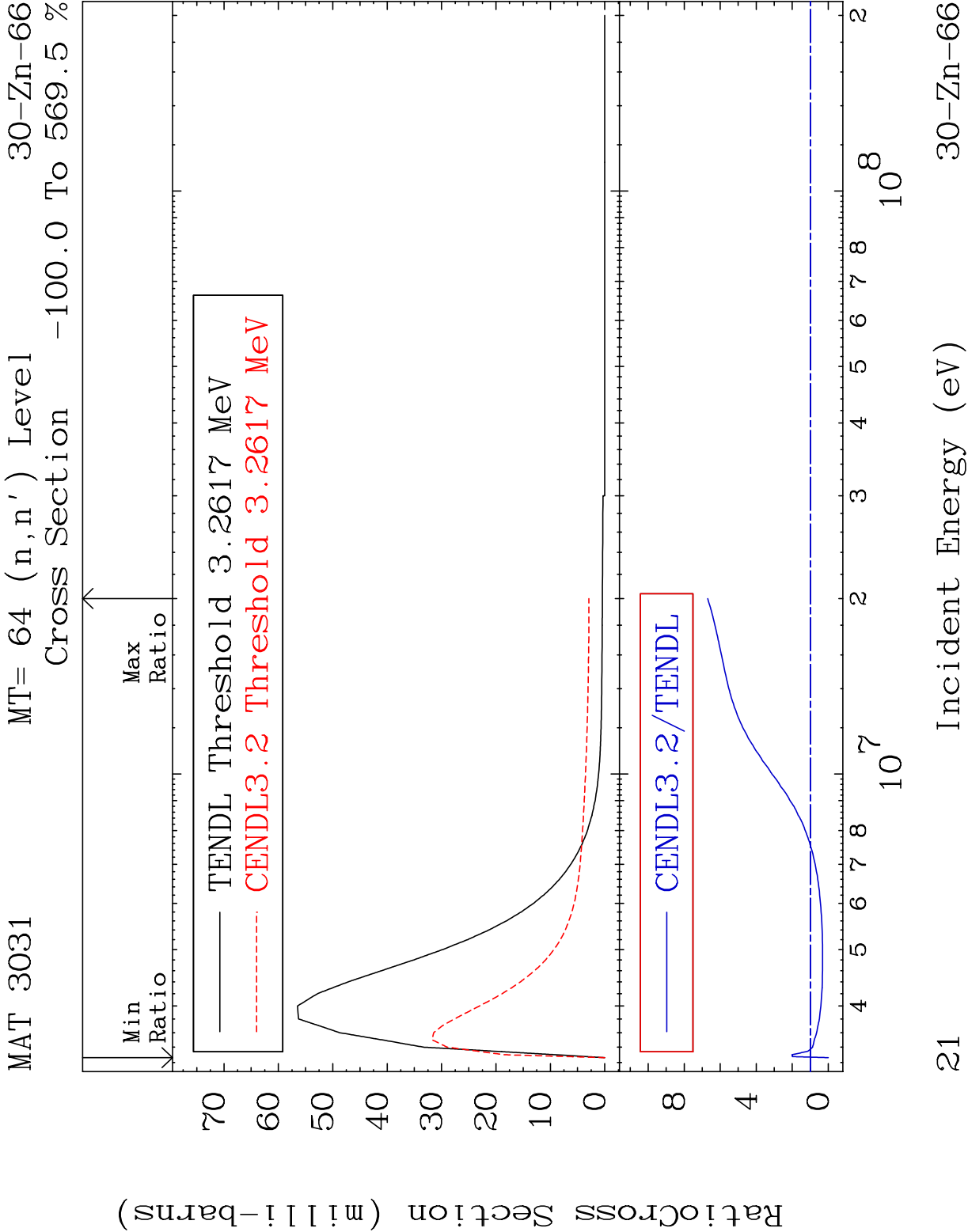




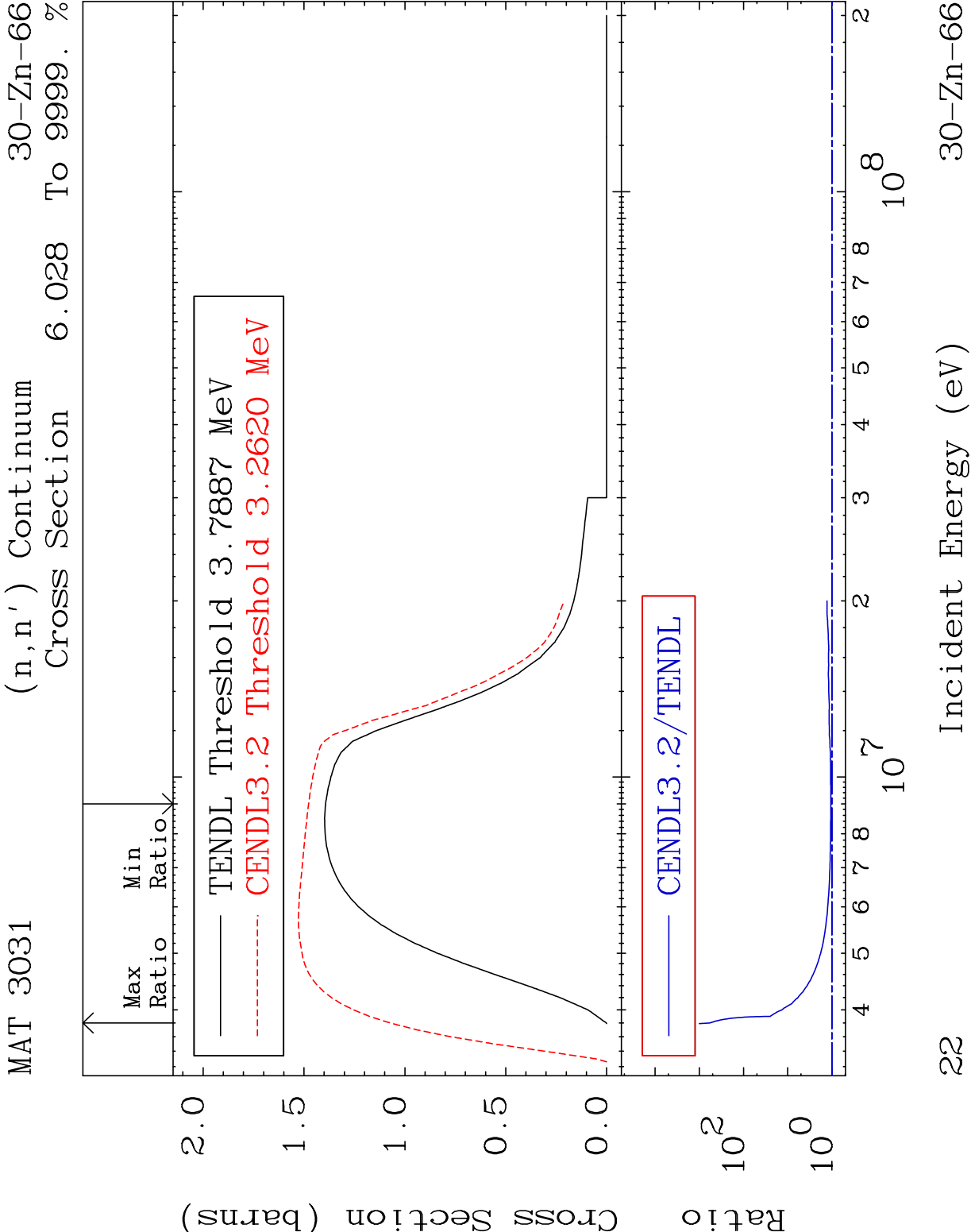








21



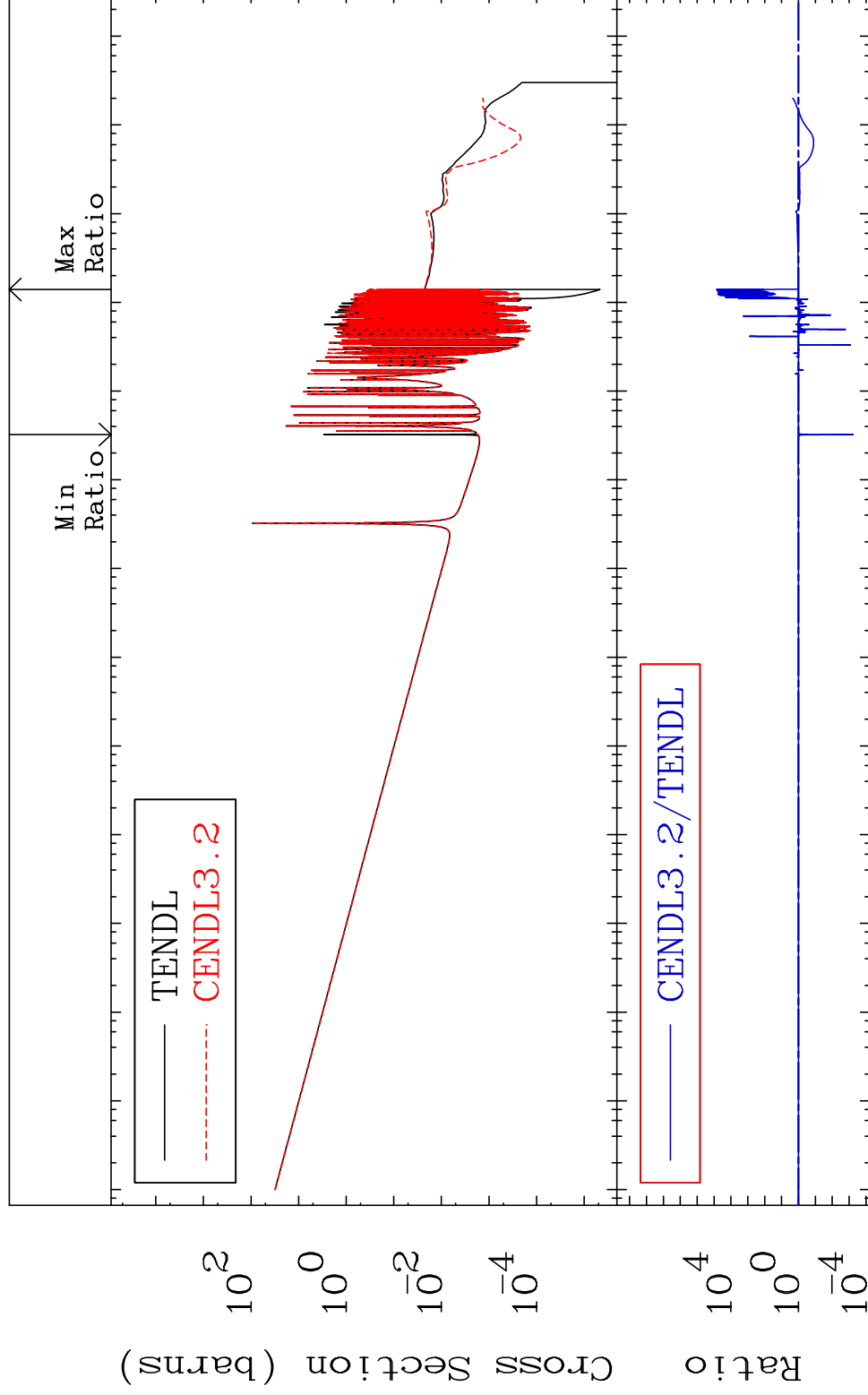
MAT 3031

(n, γ)

30-Zn-66

Cross Section

-99.94 To 9999. %

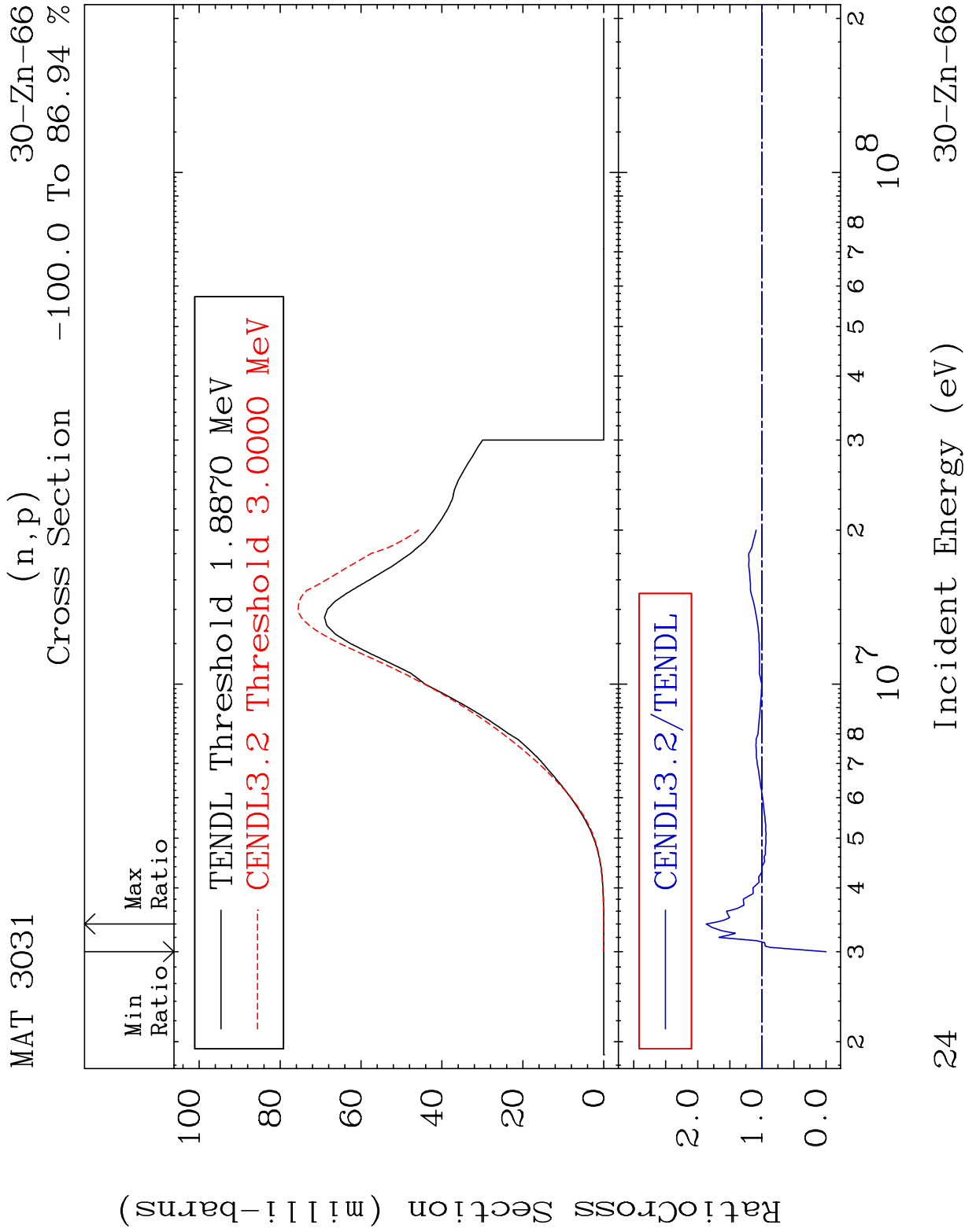


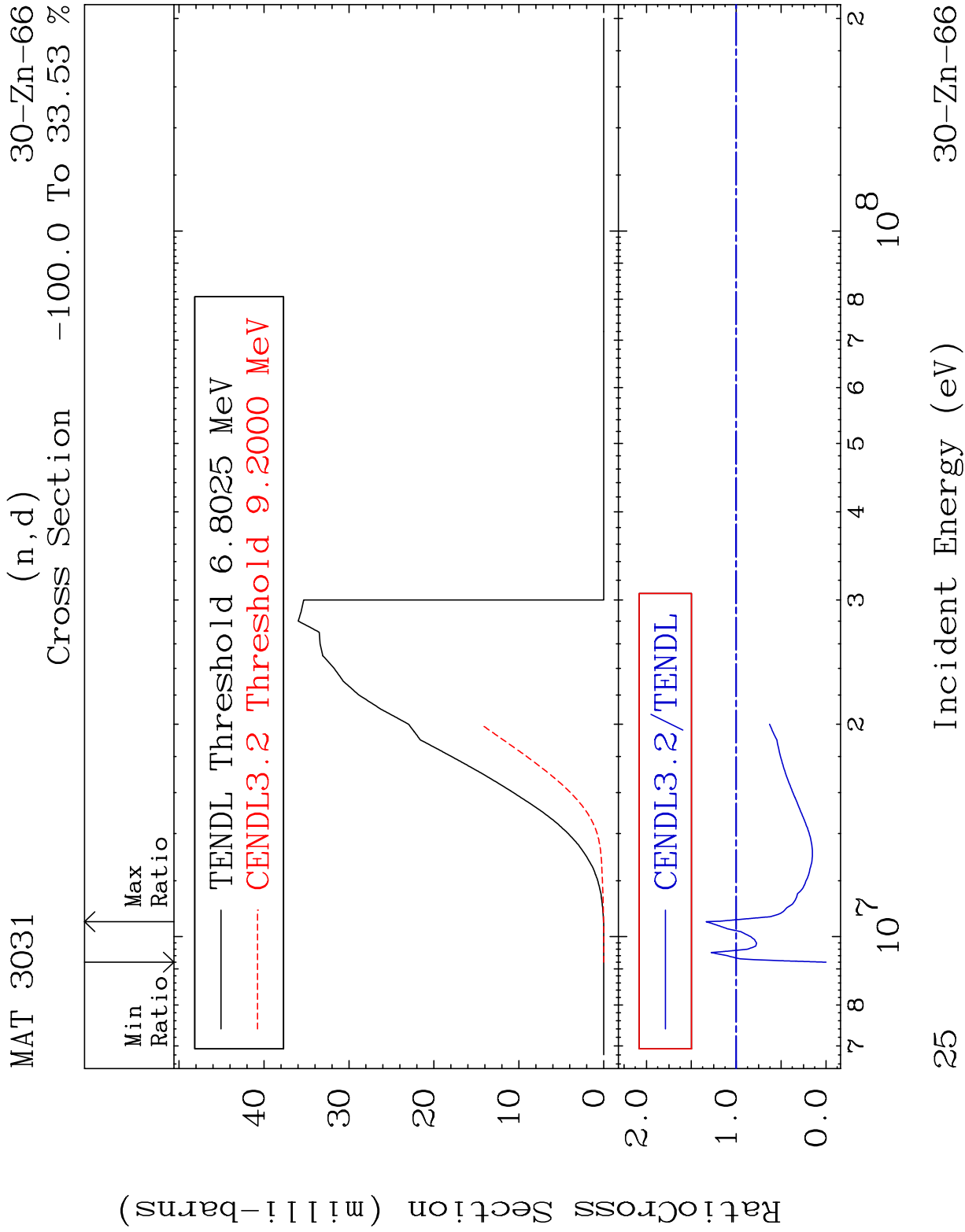
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

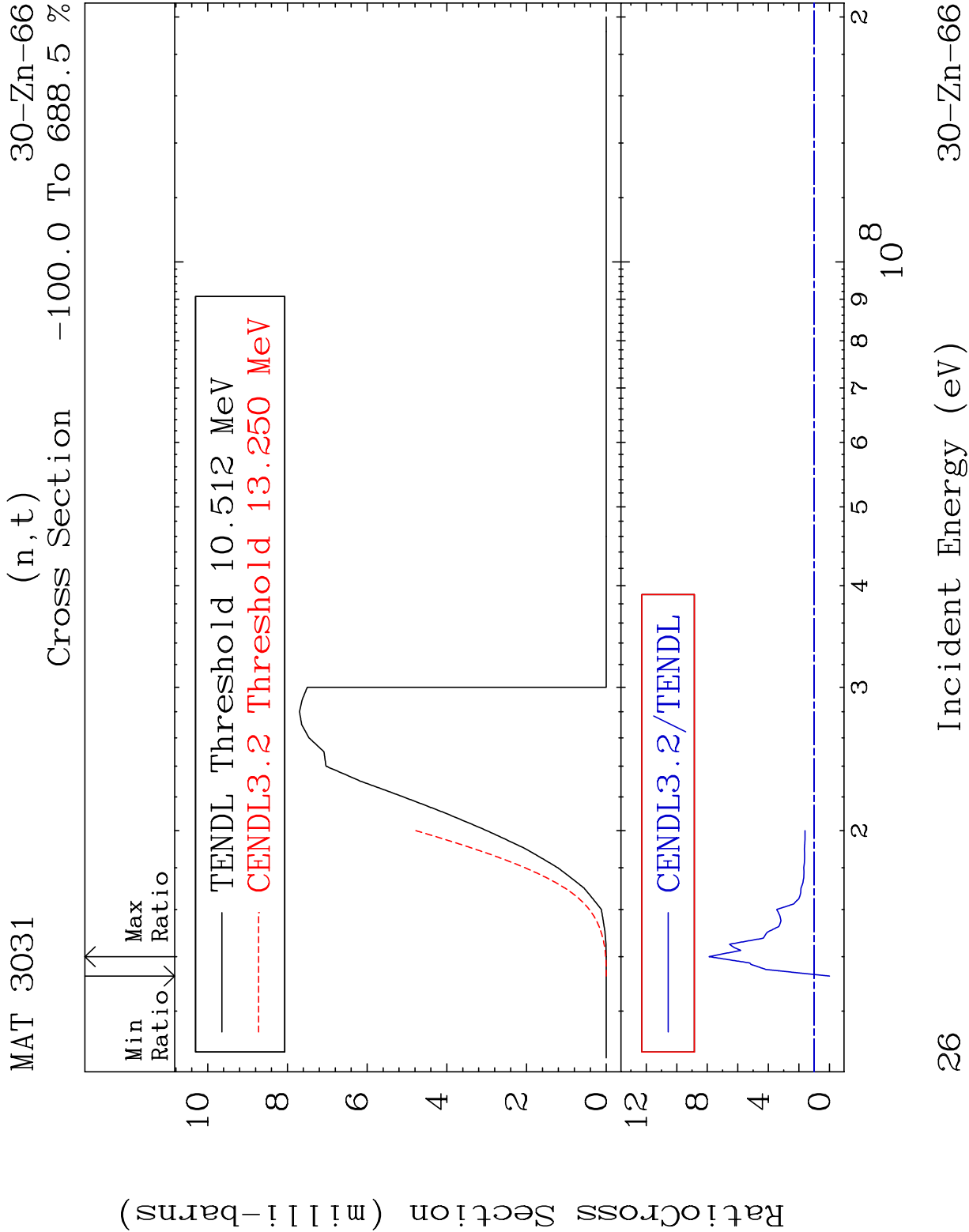
23

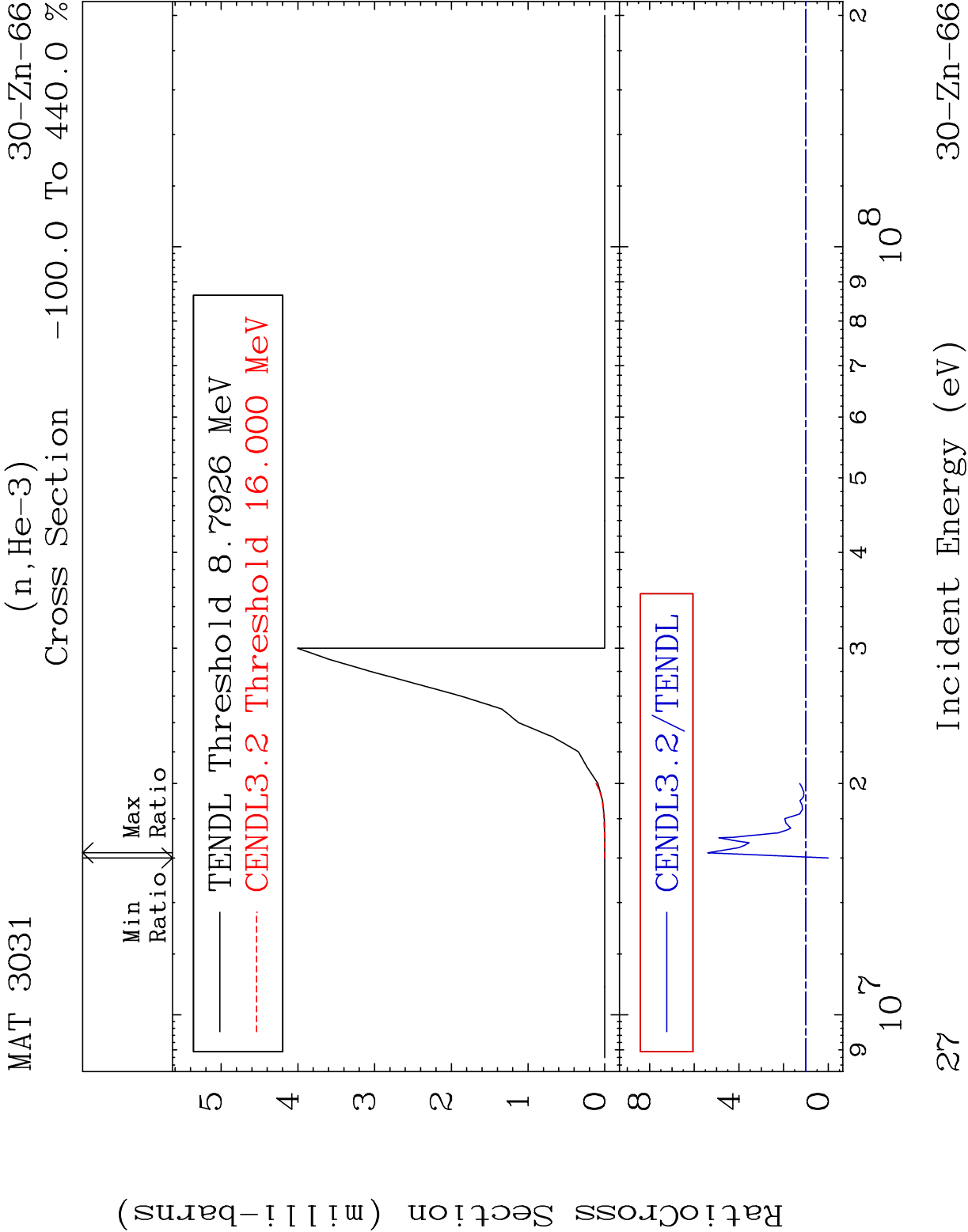
Incident Energy (eV)

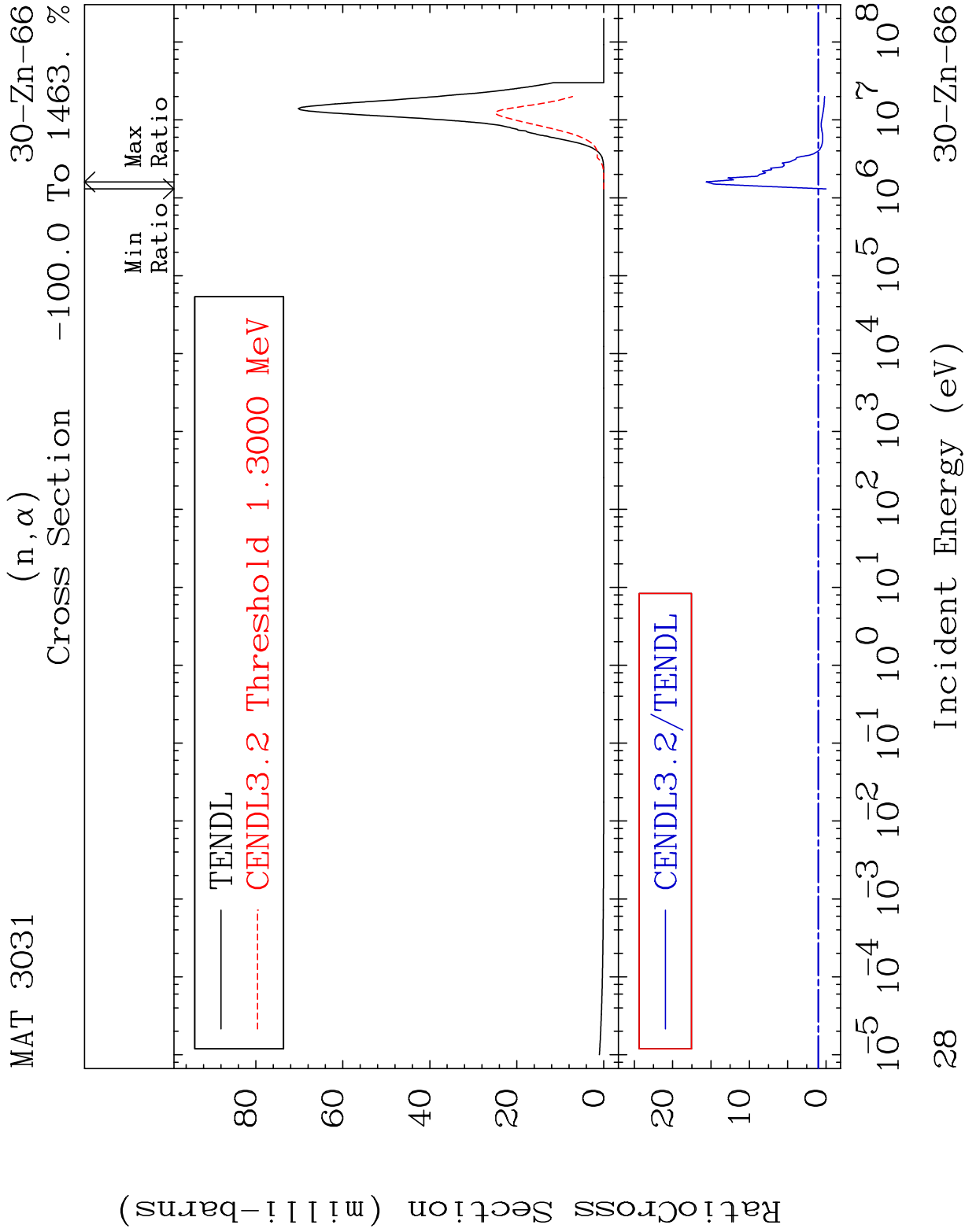
30-Zn-66

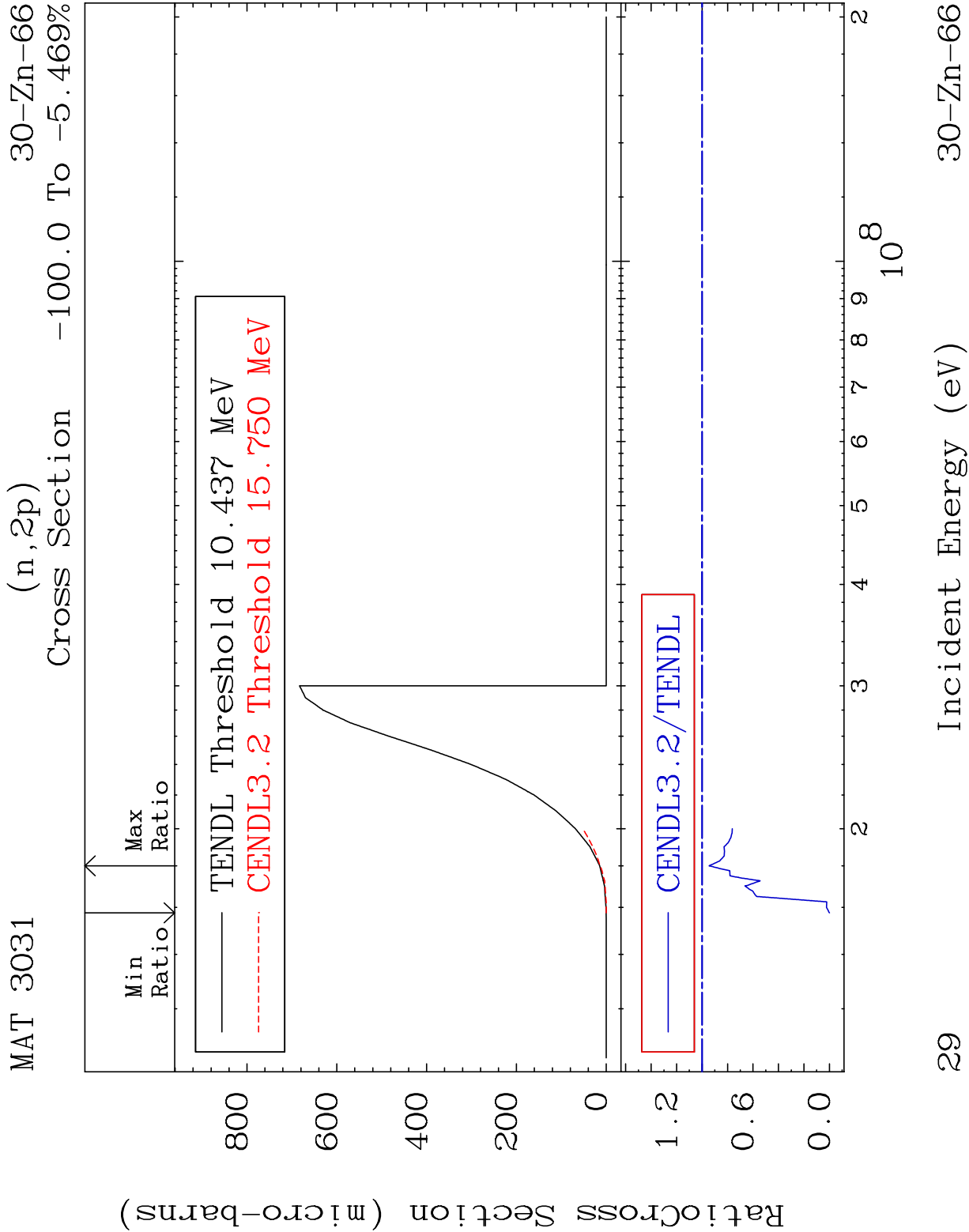


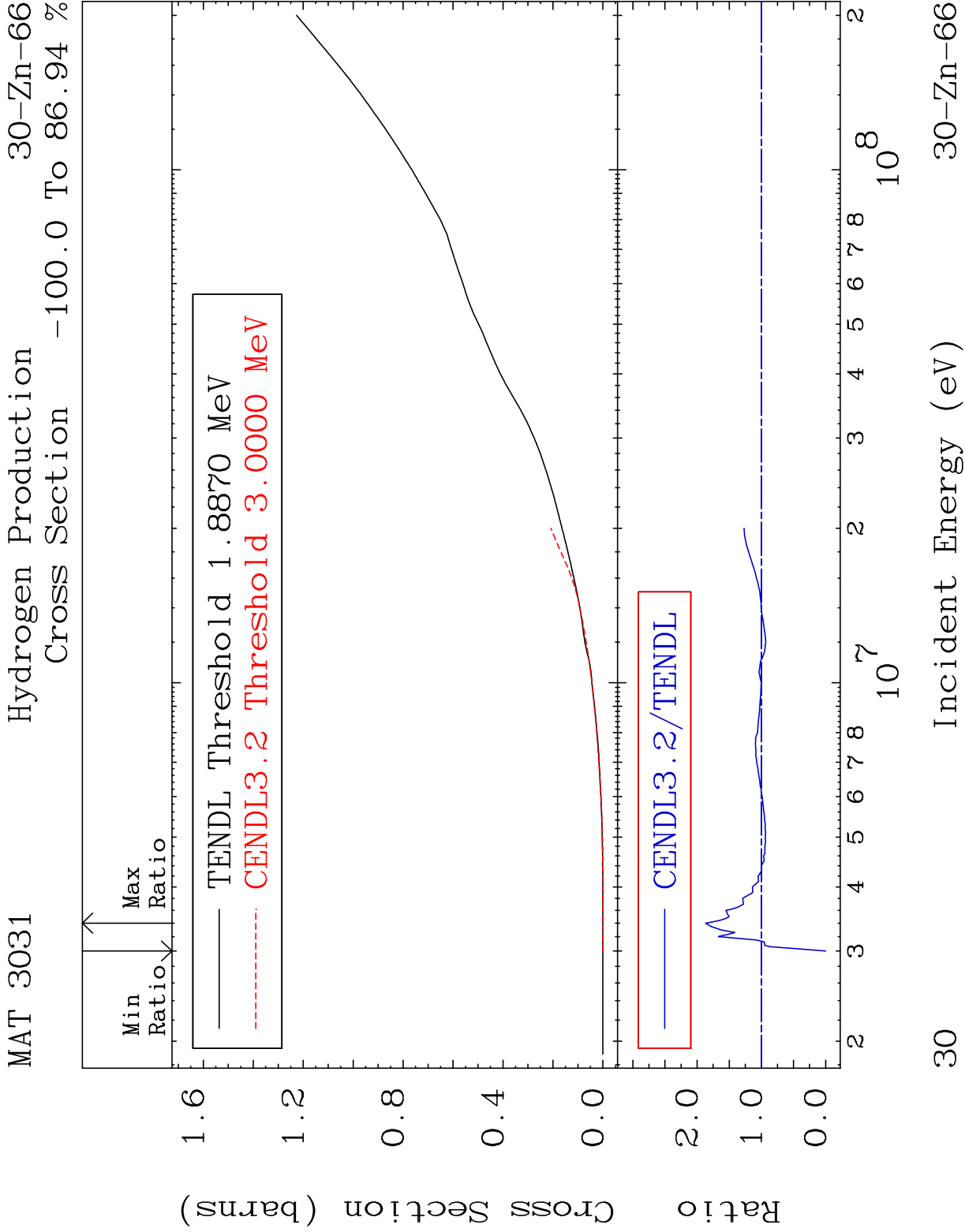






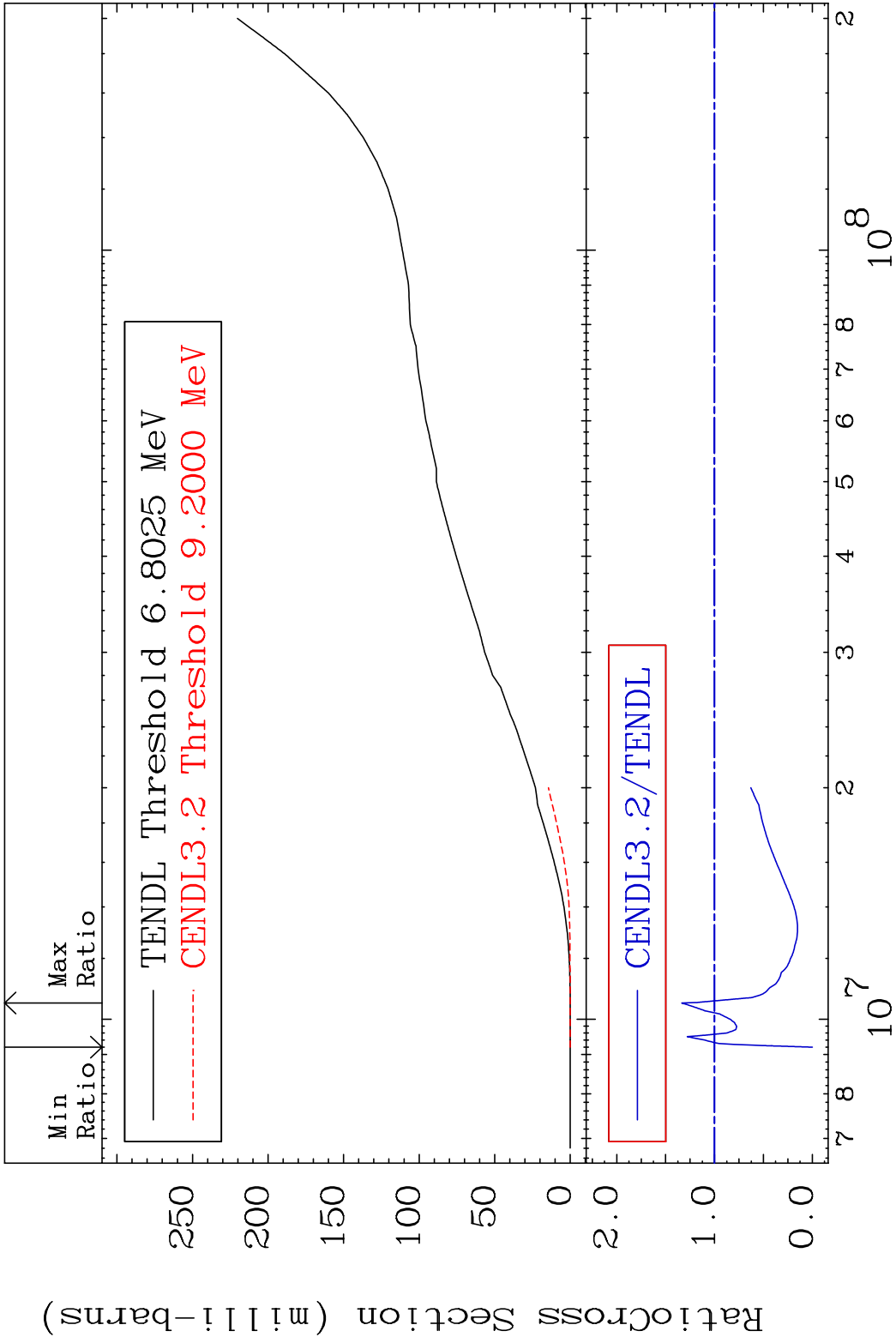


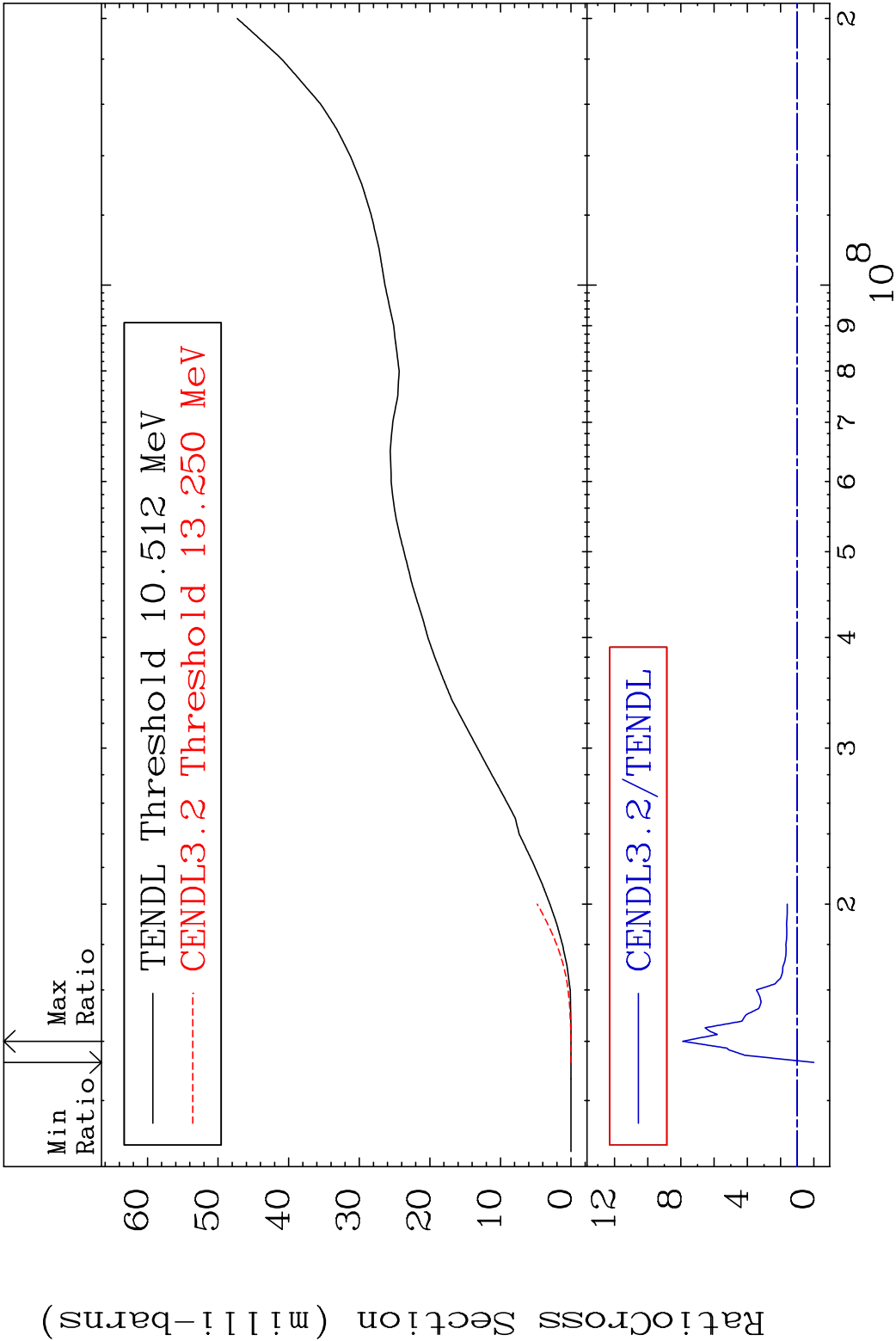


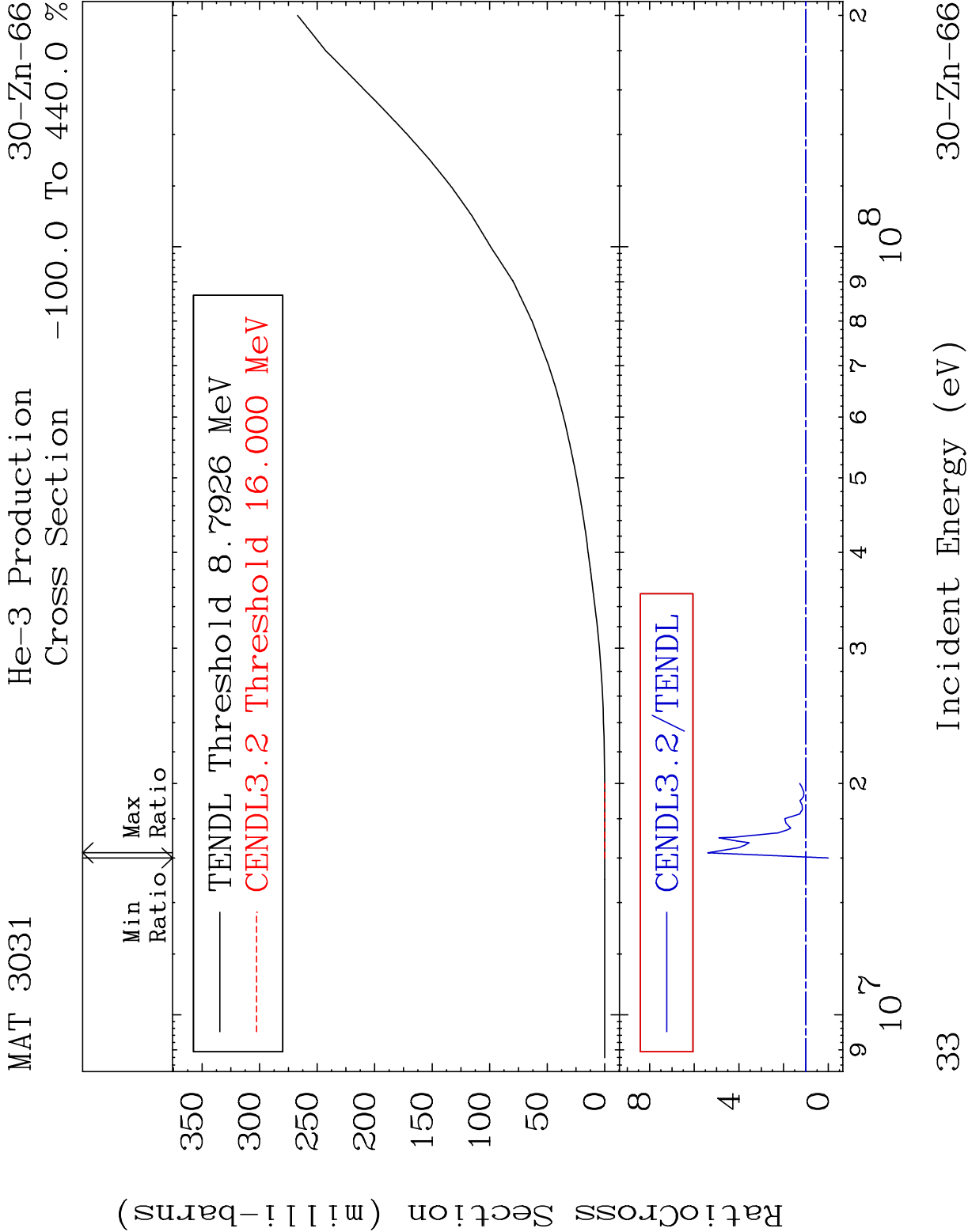


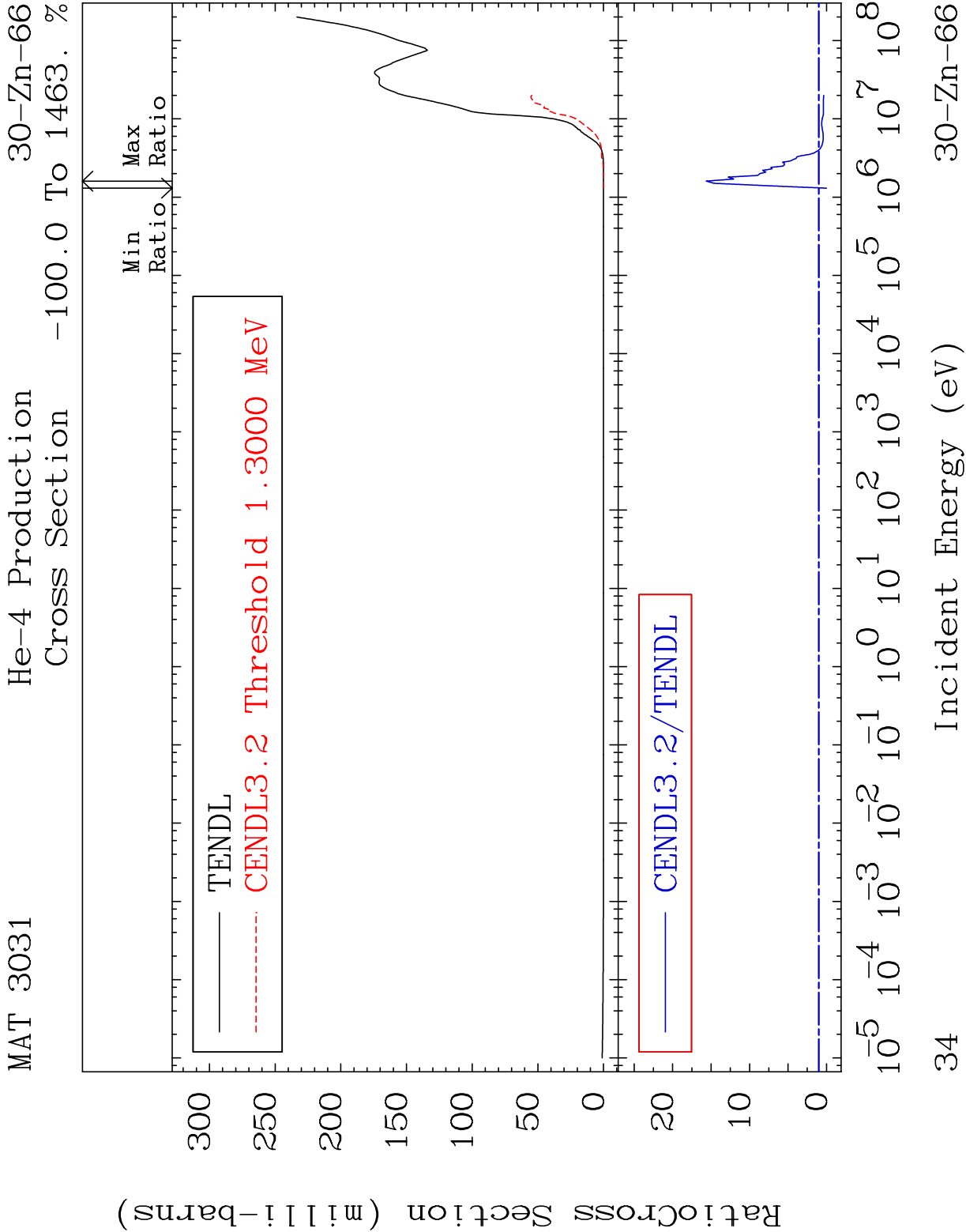
Cross Section (barns)

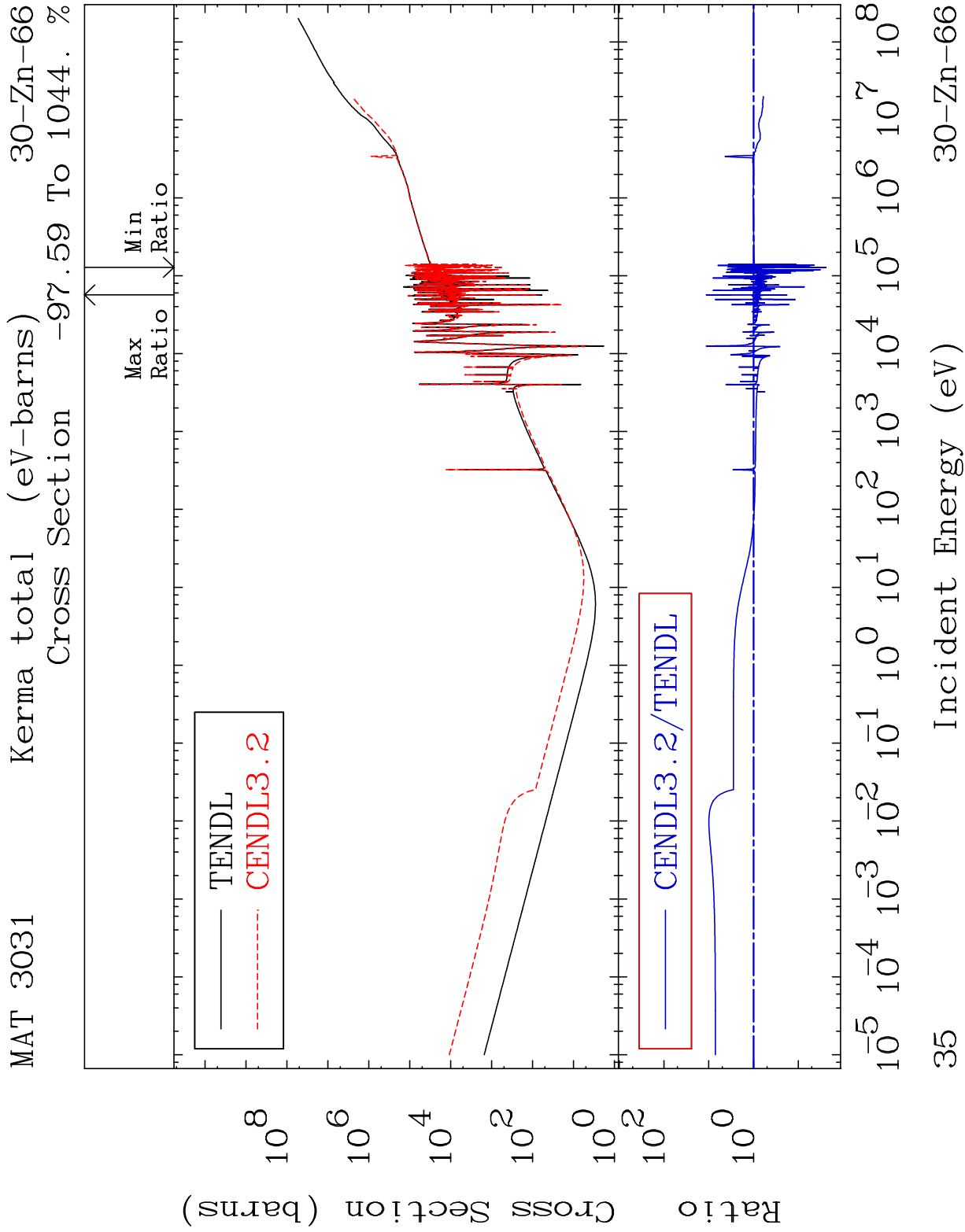
Ratio

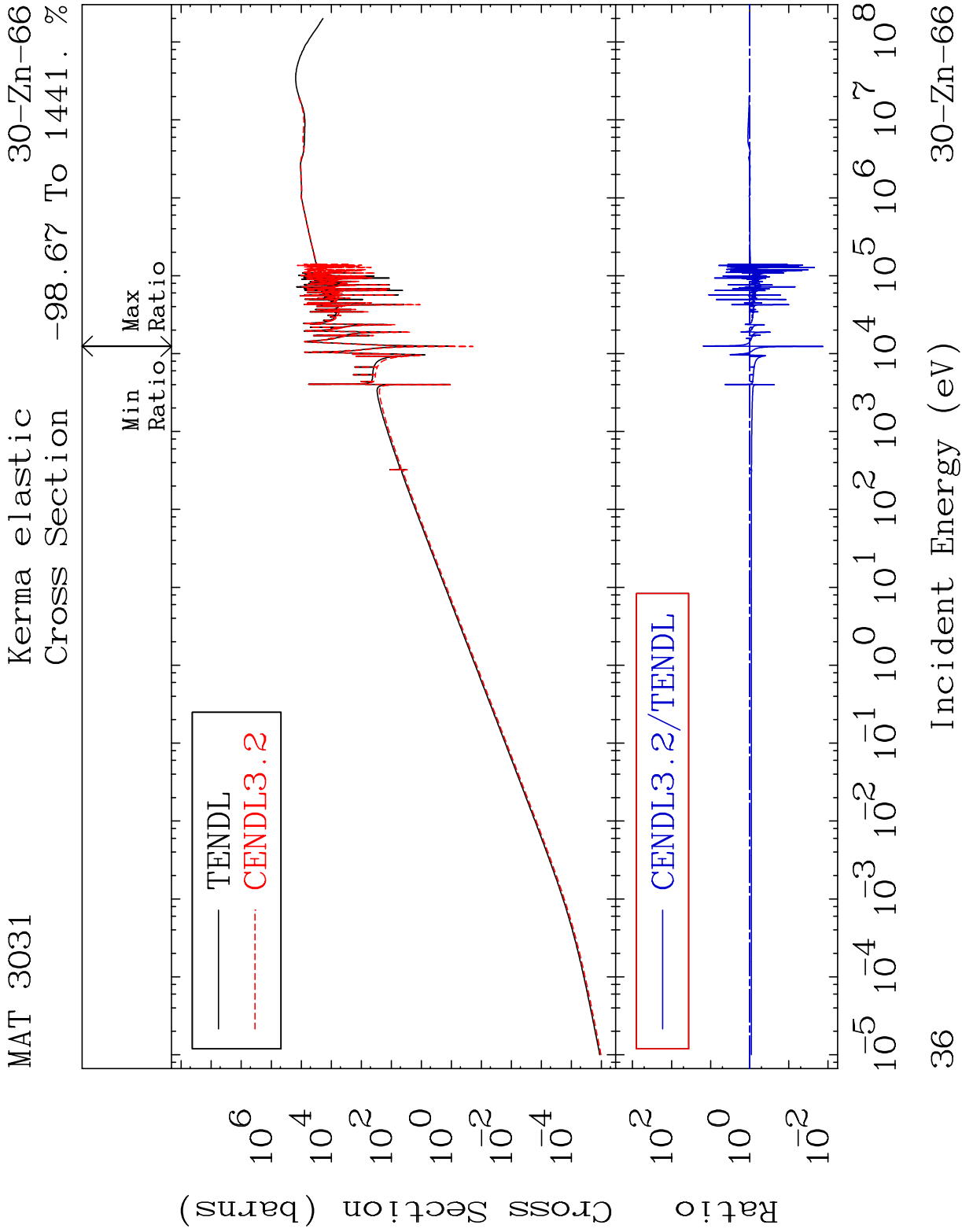




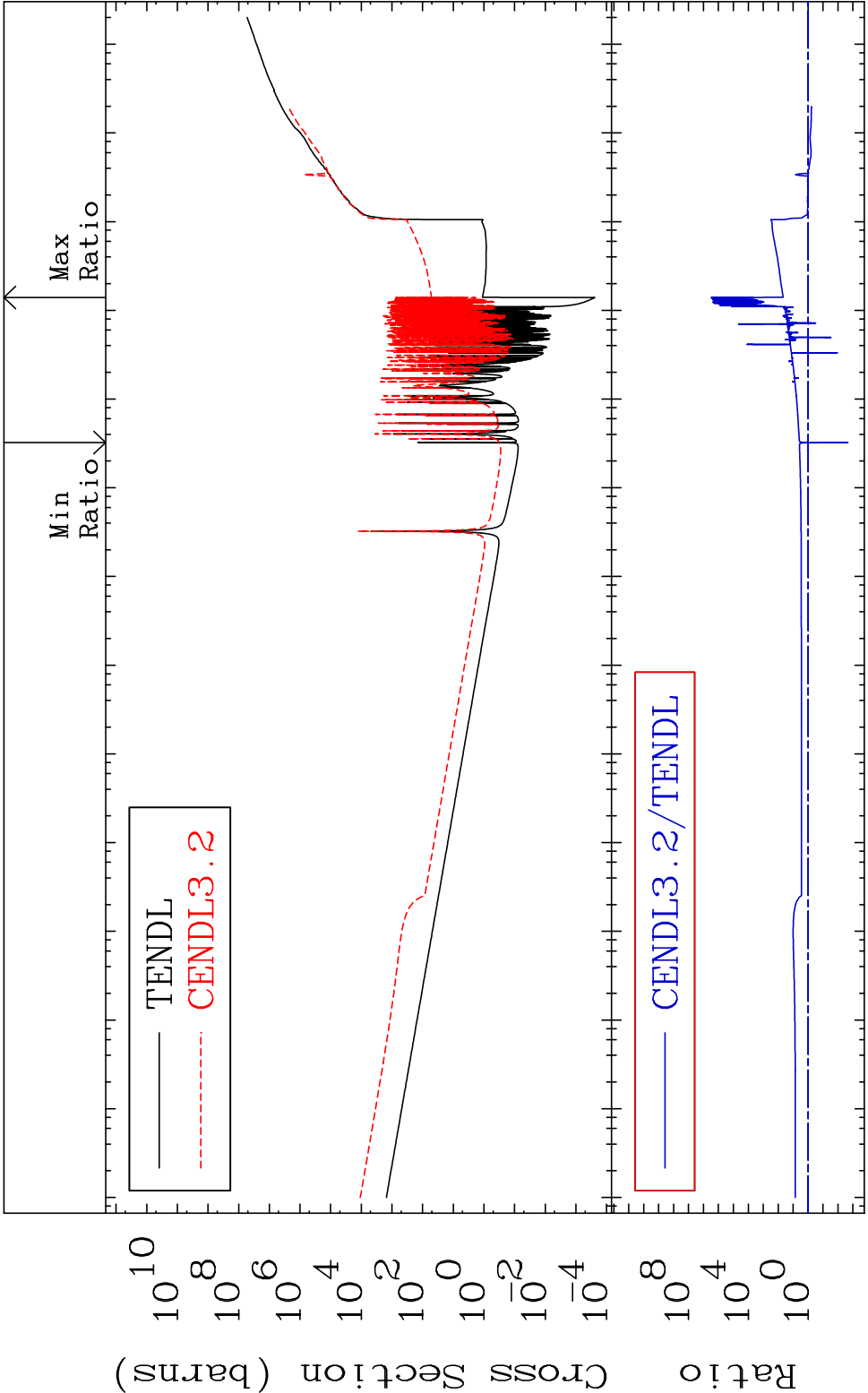




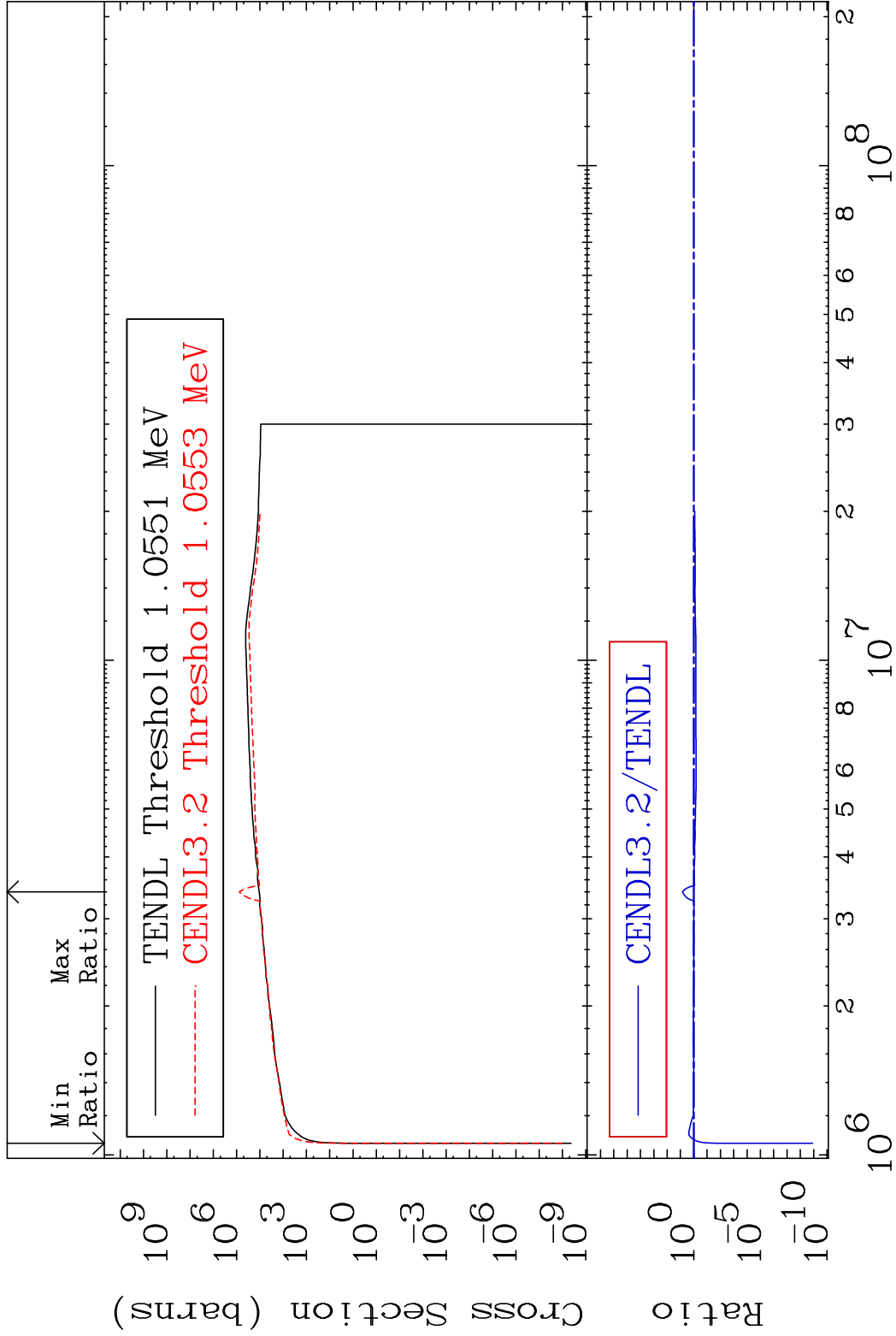




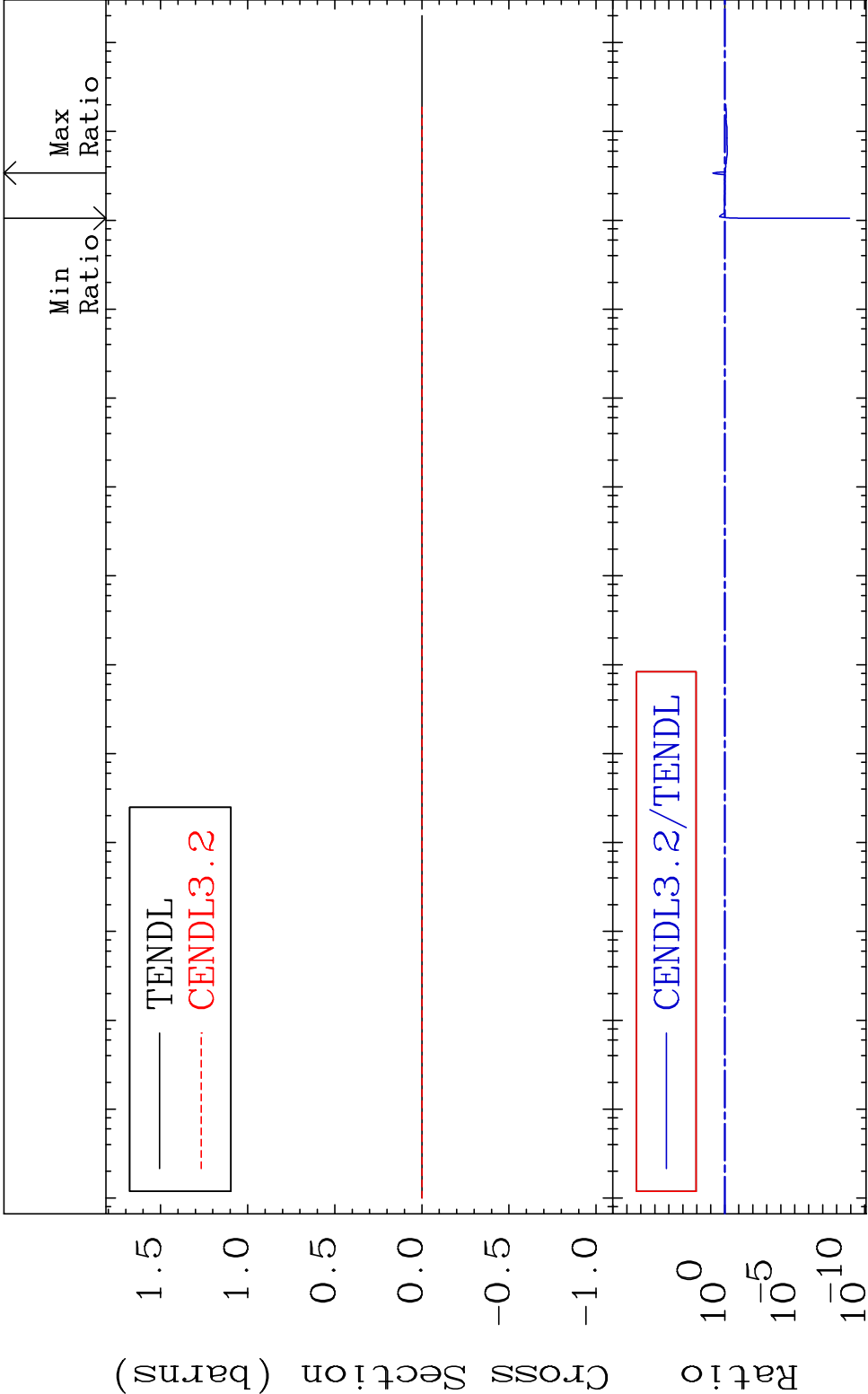
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66
Cross Section -99.78 To 9999. %



37 Incident Energy (eV) 30-Zn-66

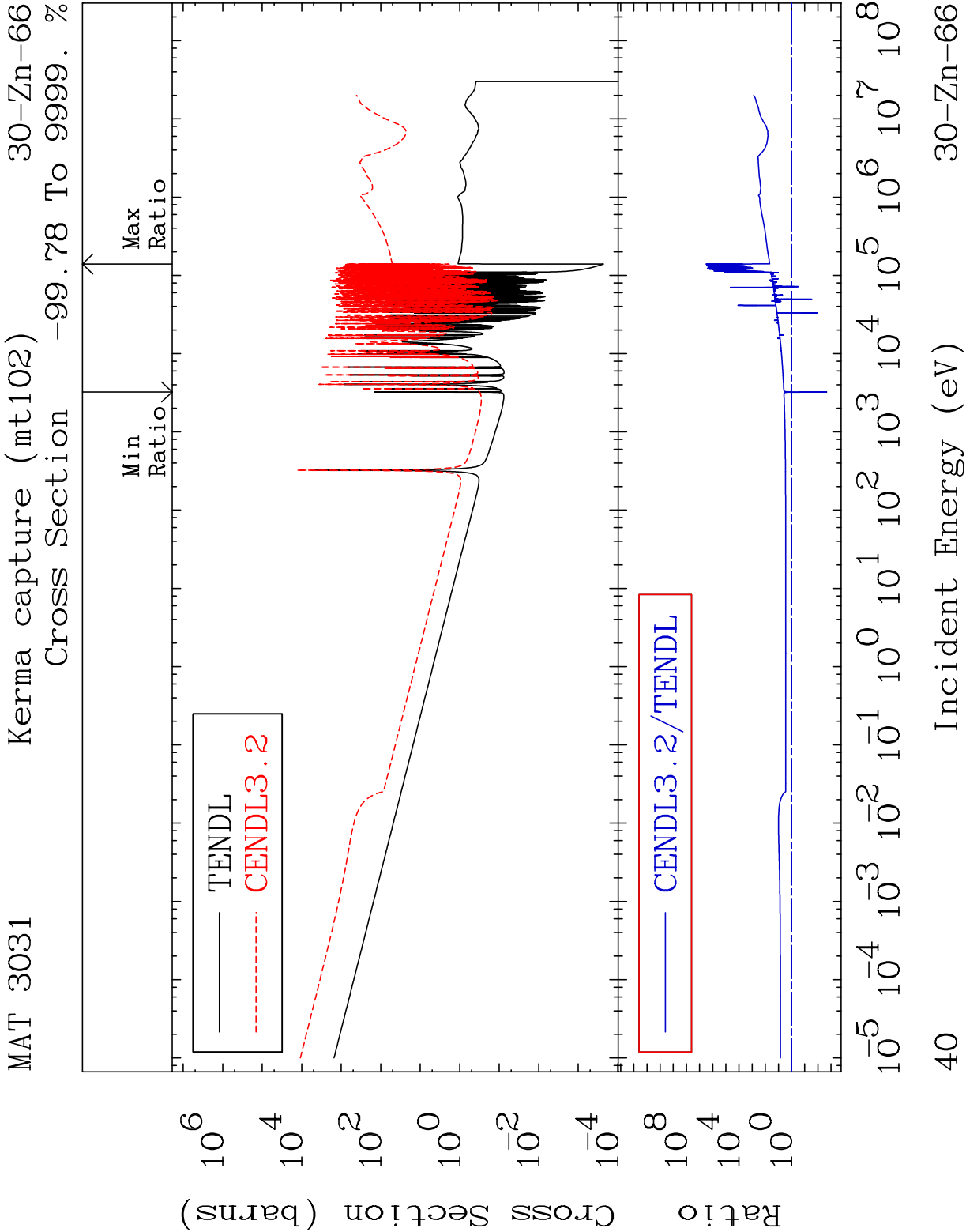


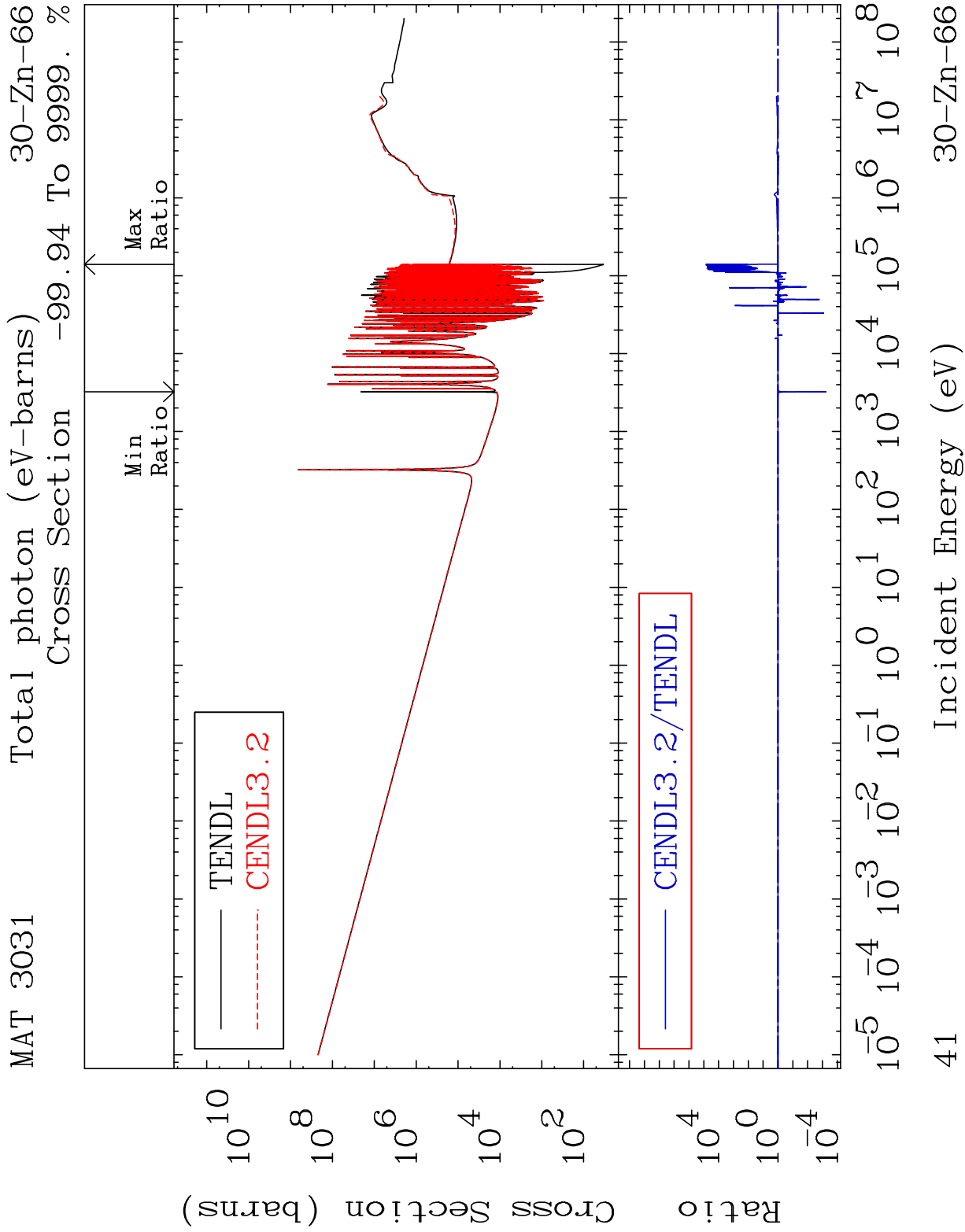
MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66
Cross Section -100.0 To 616.6 %



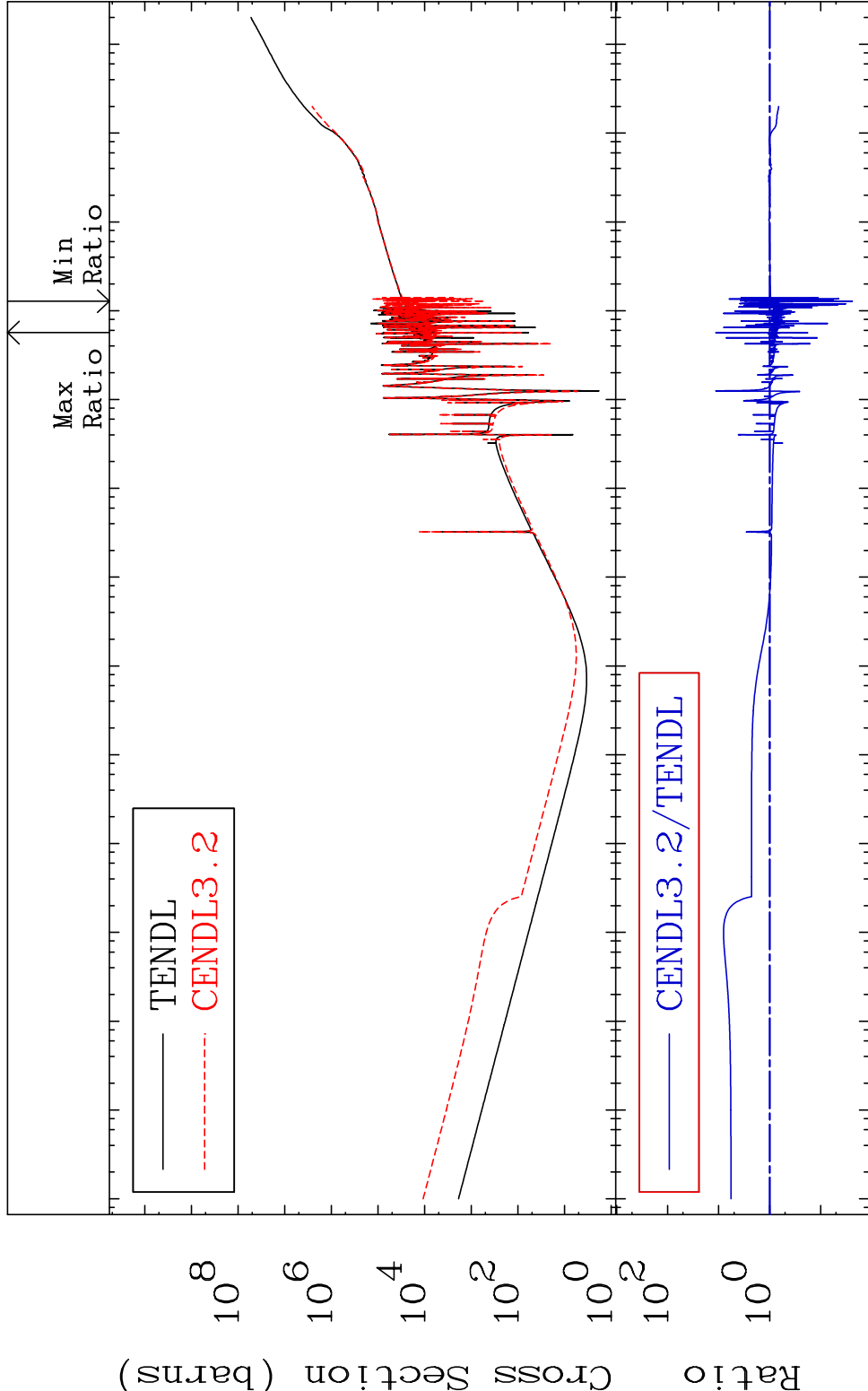
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

39 Incident Energy (eV) 30-Zn-66



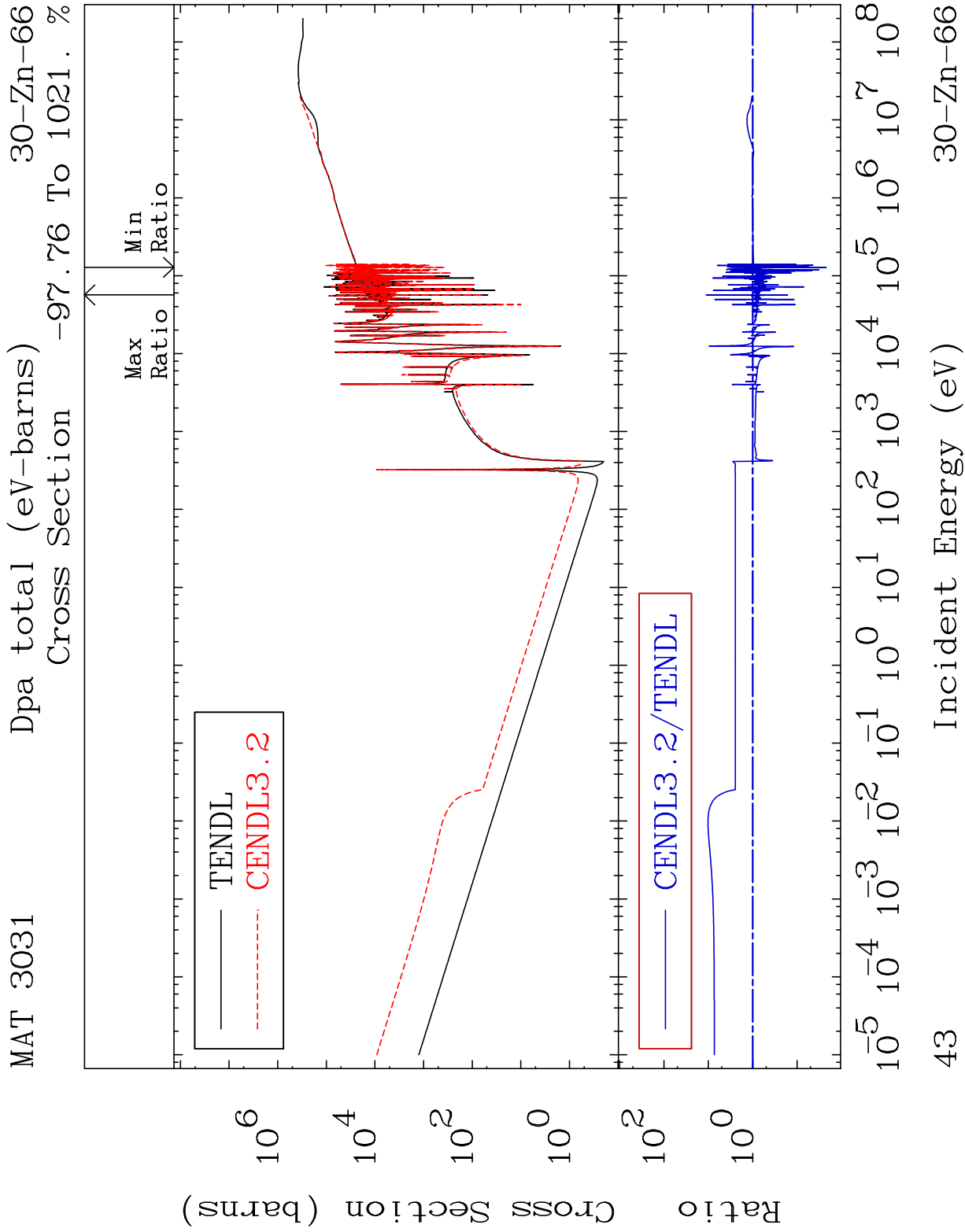


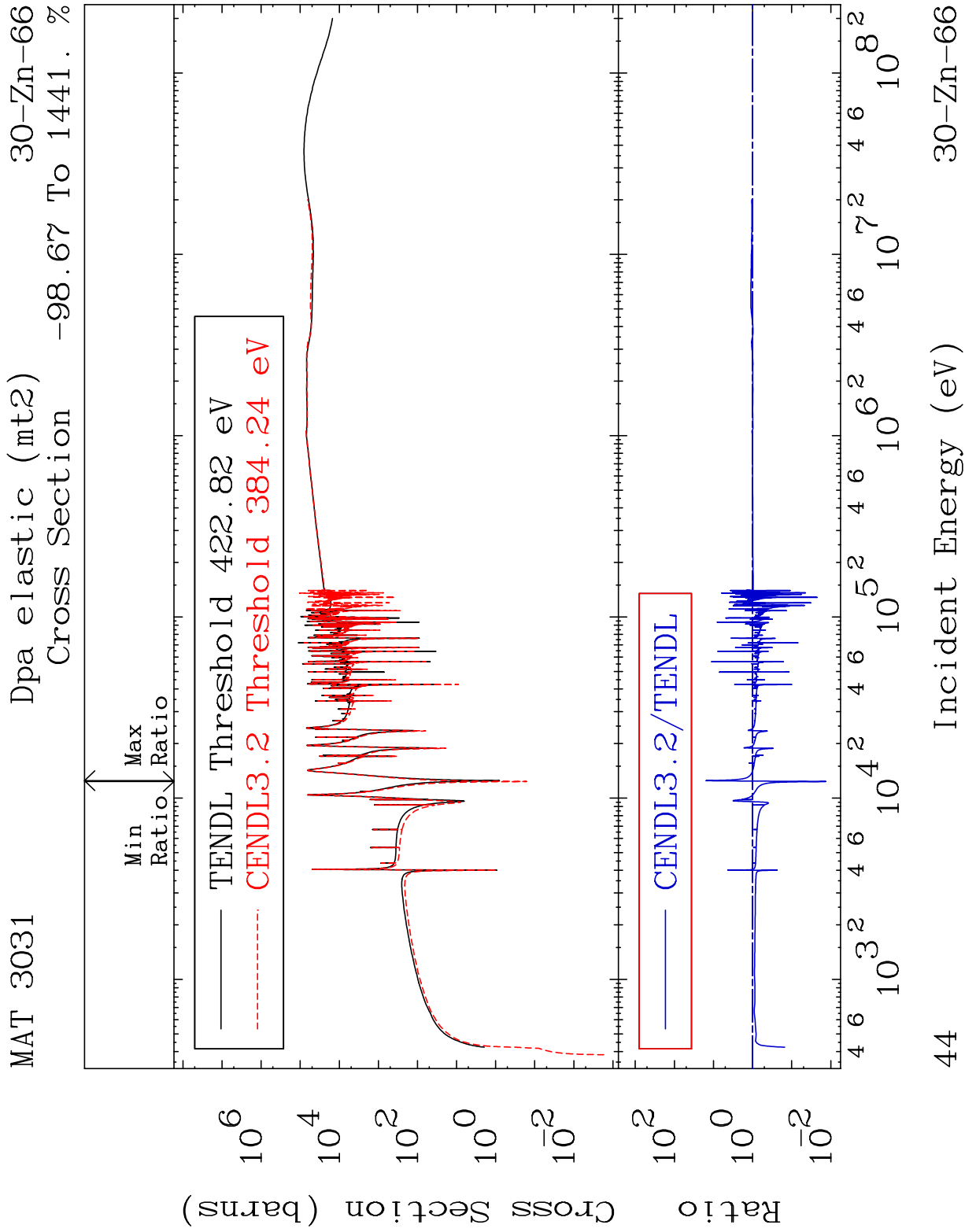
MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
Cross Section -97.59 To 1044. %



Ratio
Cross Section (barns)

42 Incident Energy (eV) 30-Zn-66





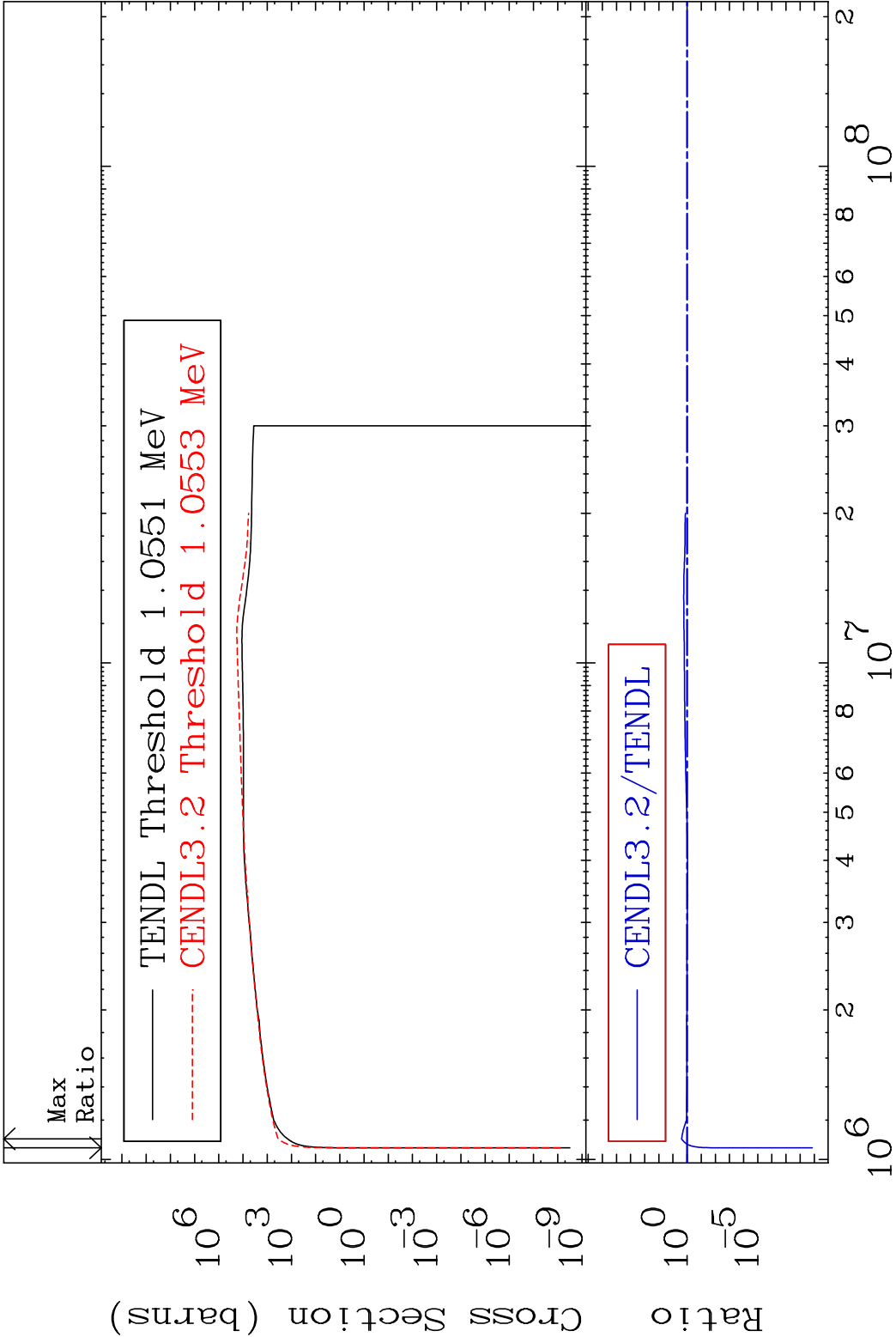
MAT 3031

Dpa inelastic (mt51-91)

30-Zn-66

Cross Section

-100.0 To 147.7 %

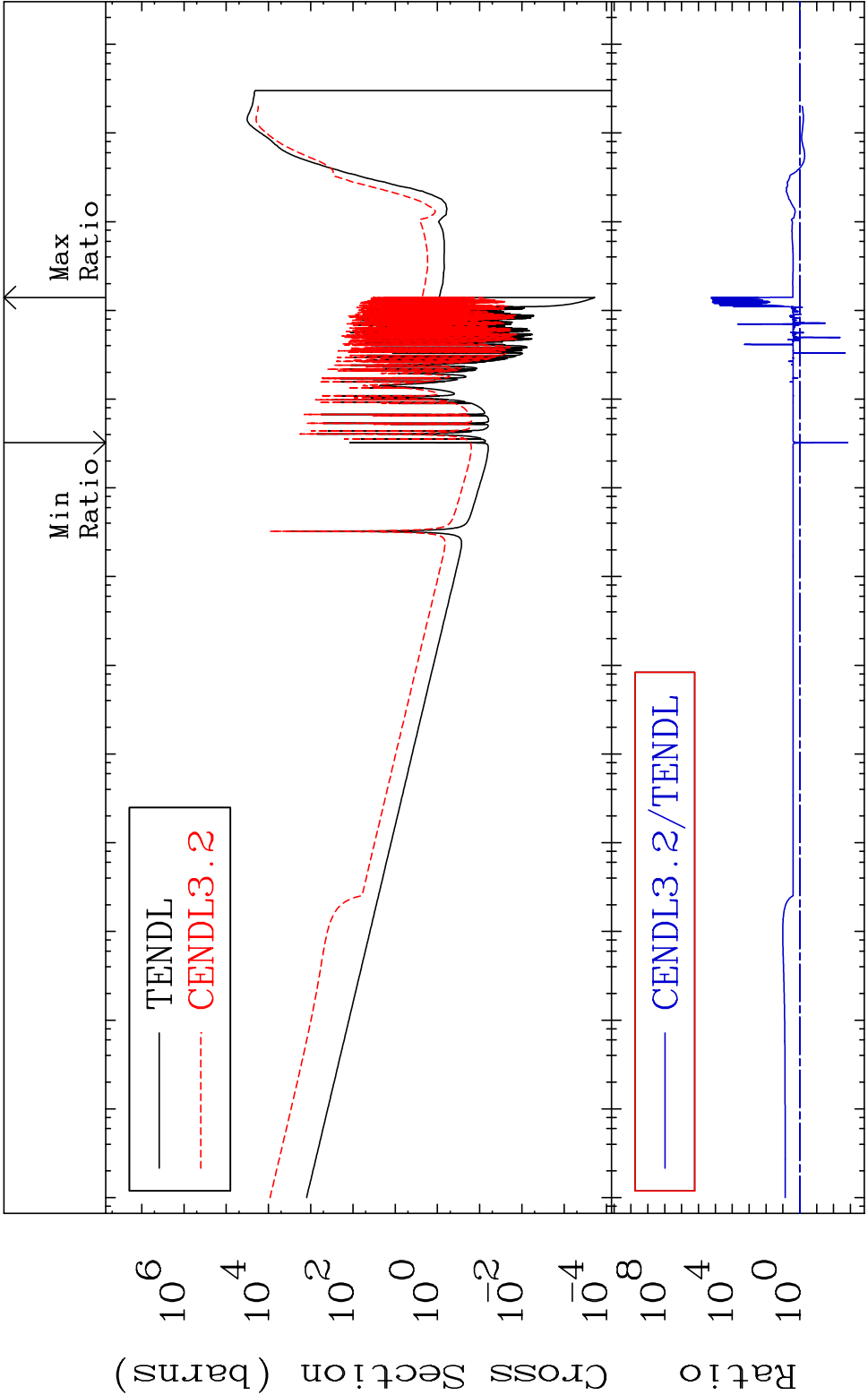


45

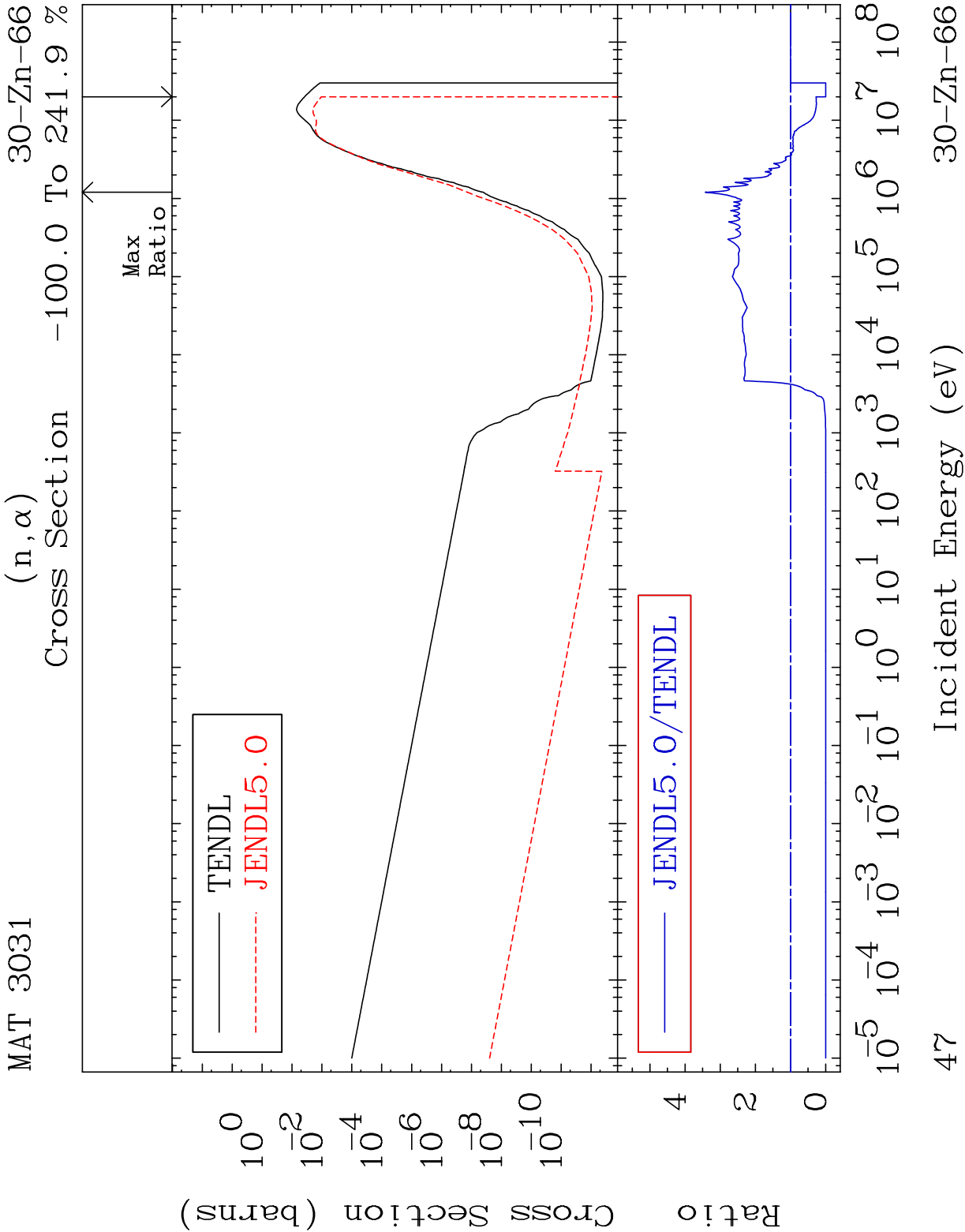
Incident Energy (eV)

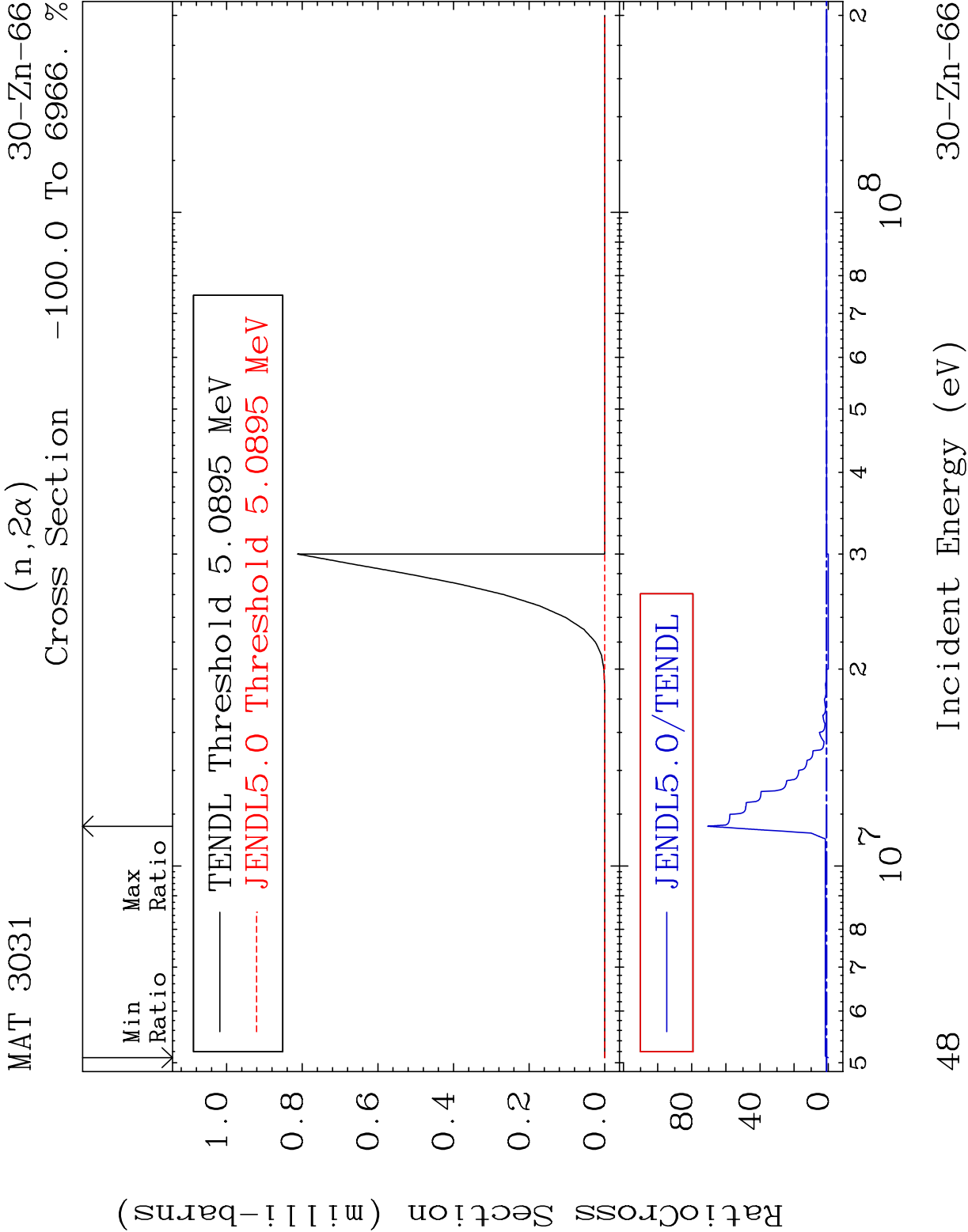
30-Zn-66

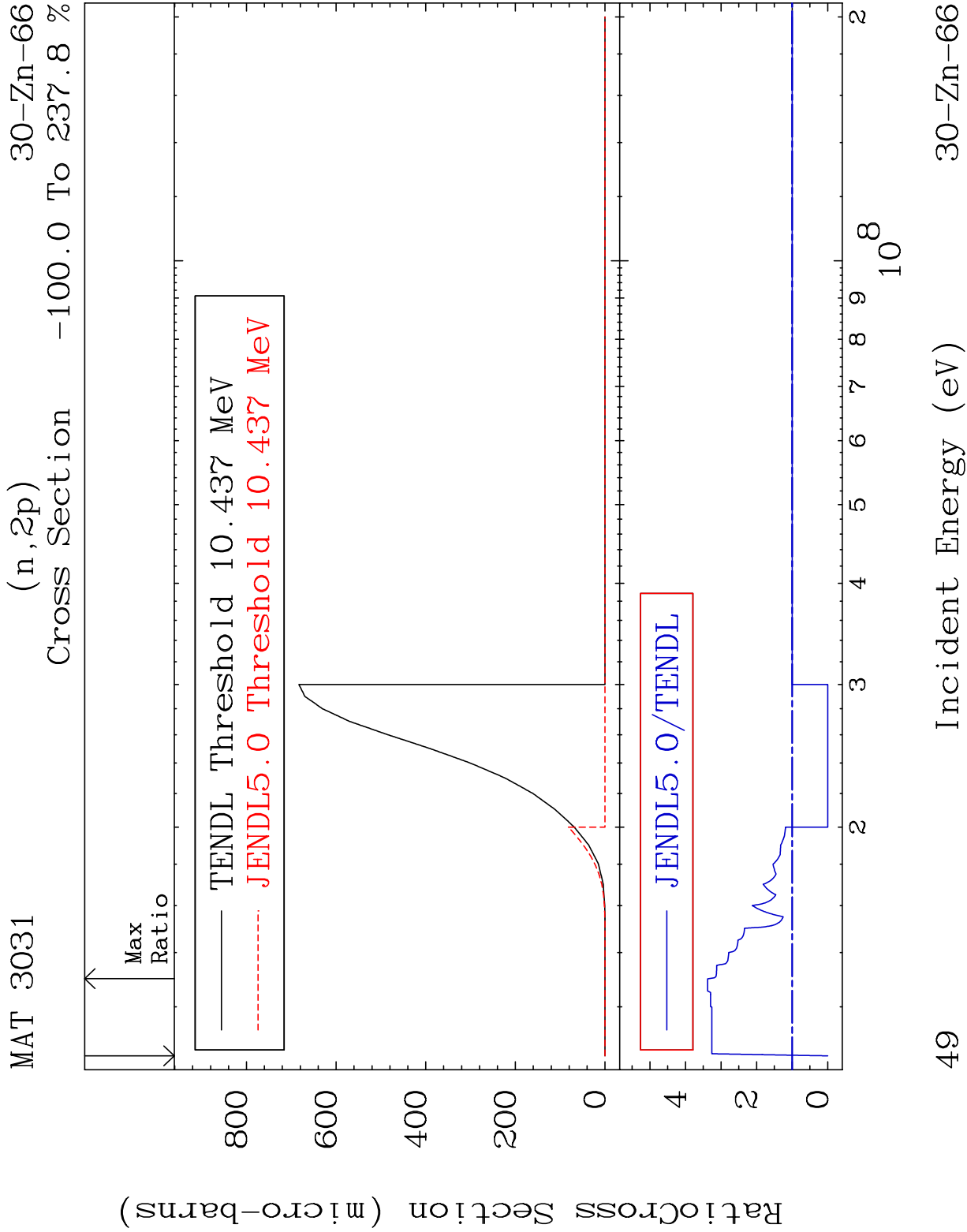
MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66
Cross Section -99.86 To 9999. %



46 Incident Energy (eV) 30-Zn-66





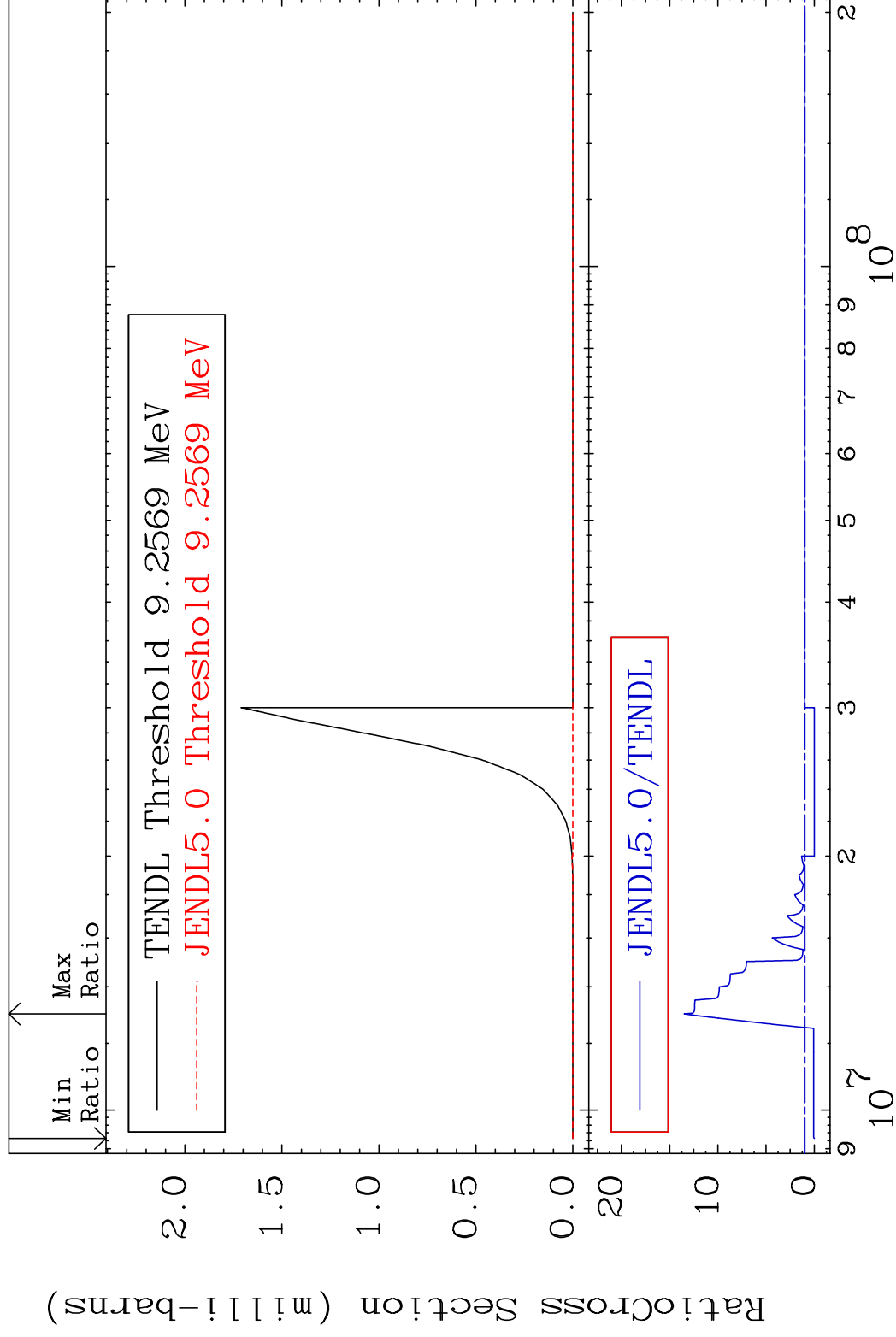


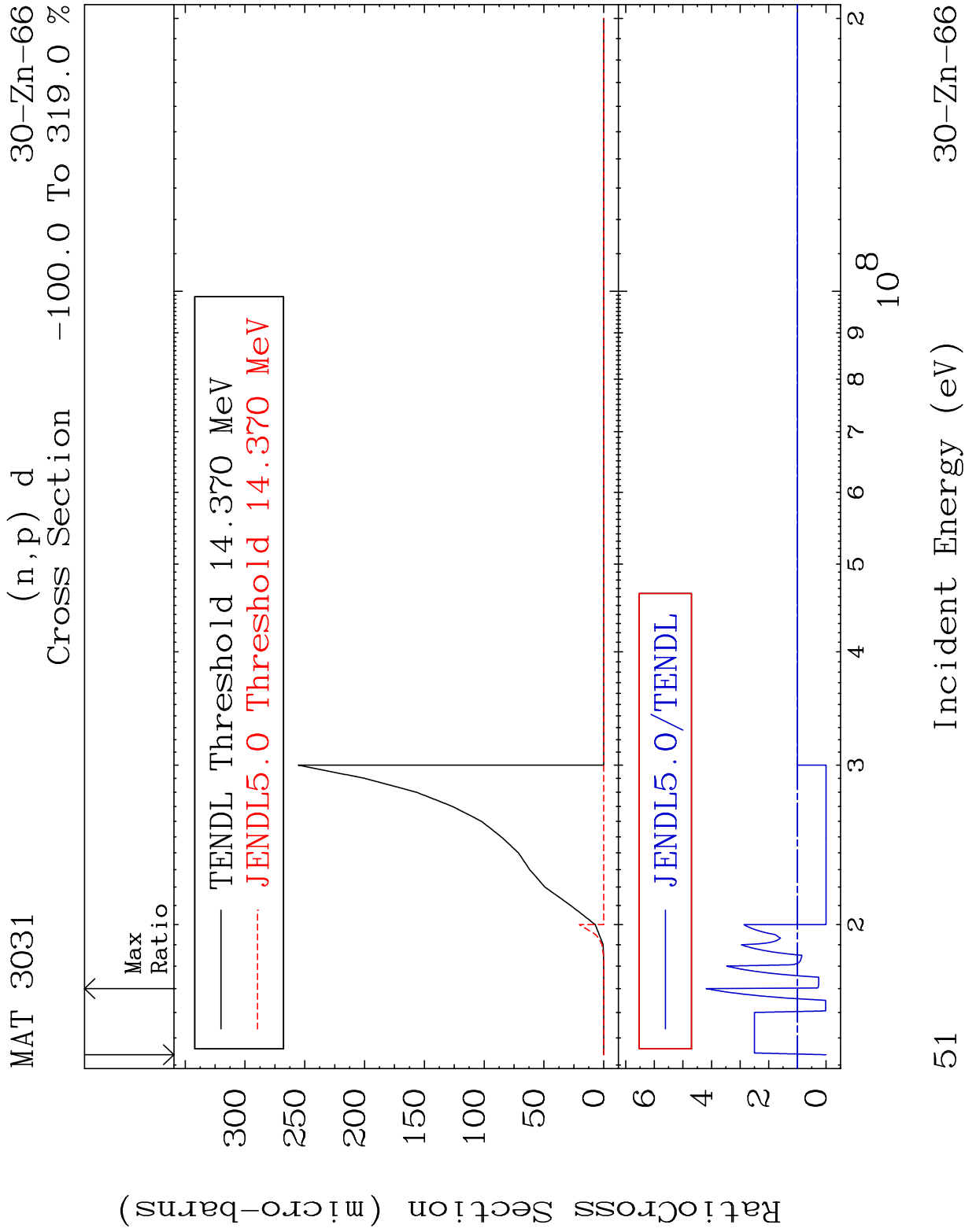
MAT 3031

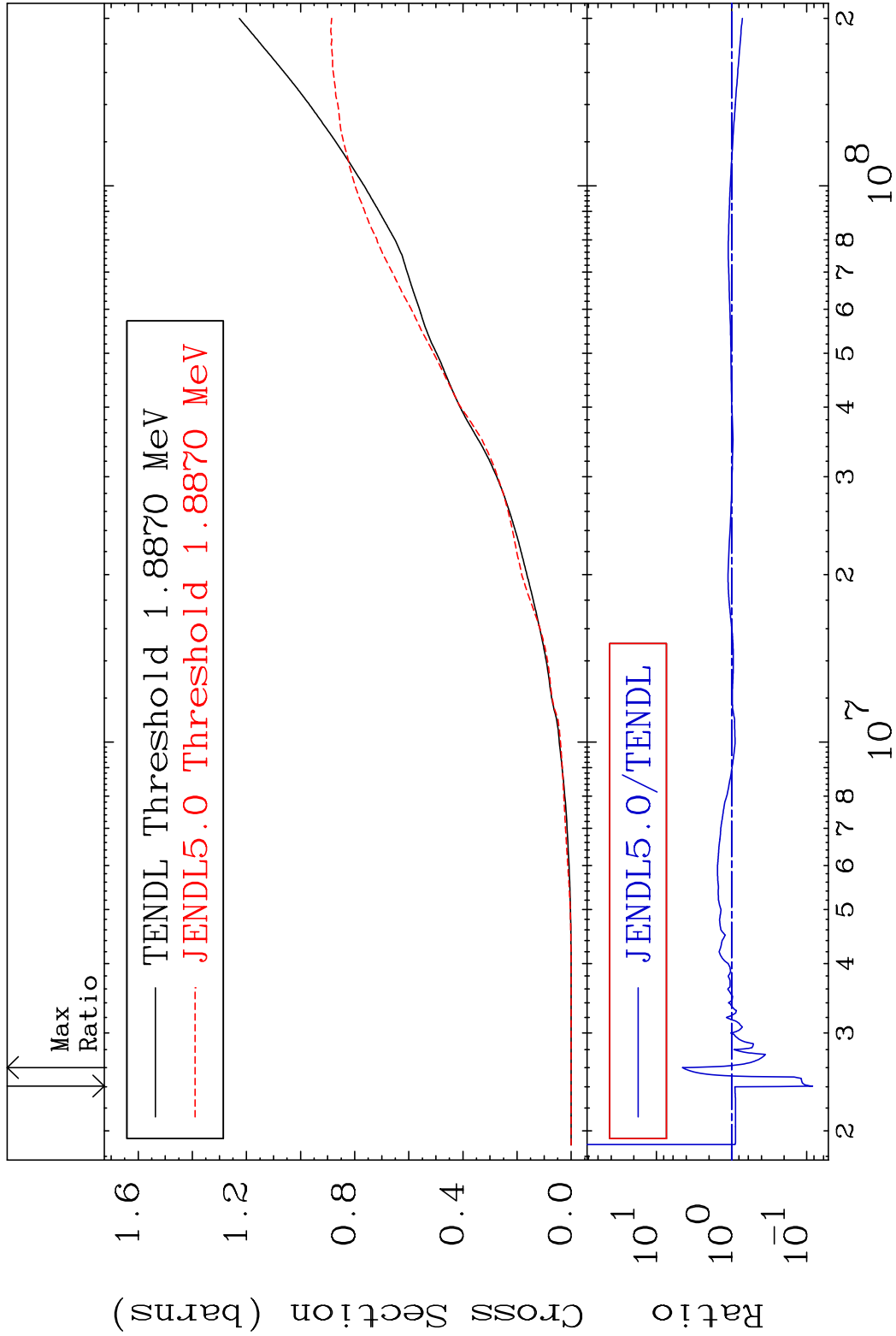
$$(n, p) \propto$$

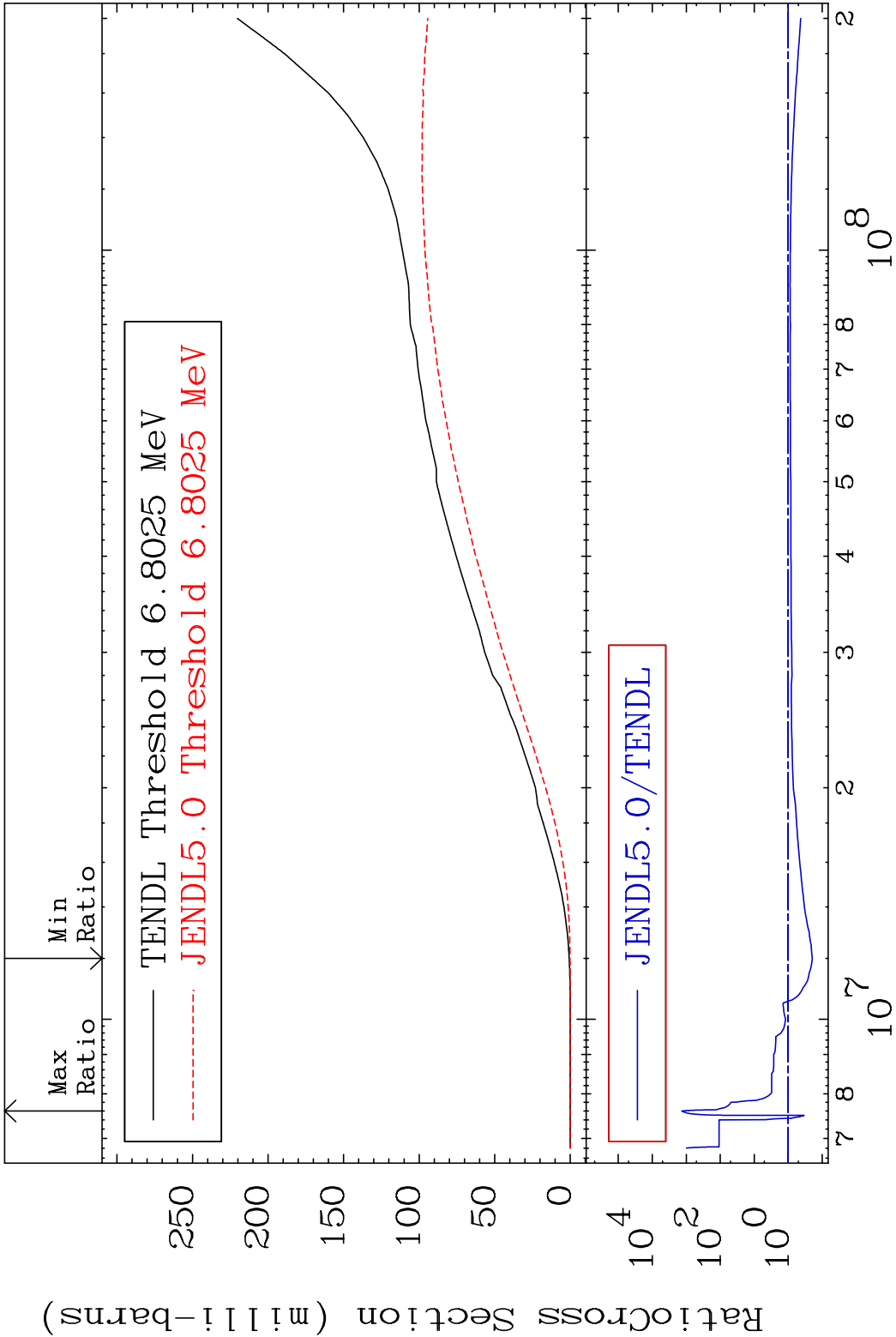
30-Zn-66

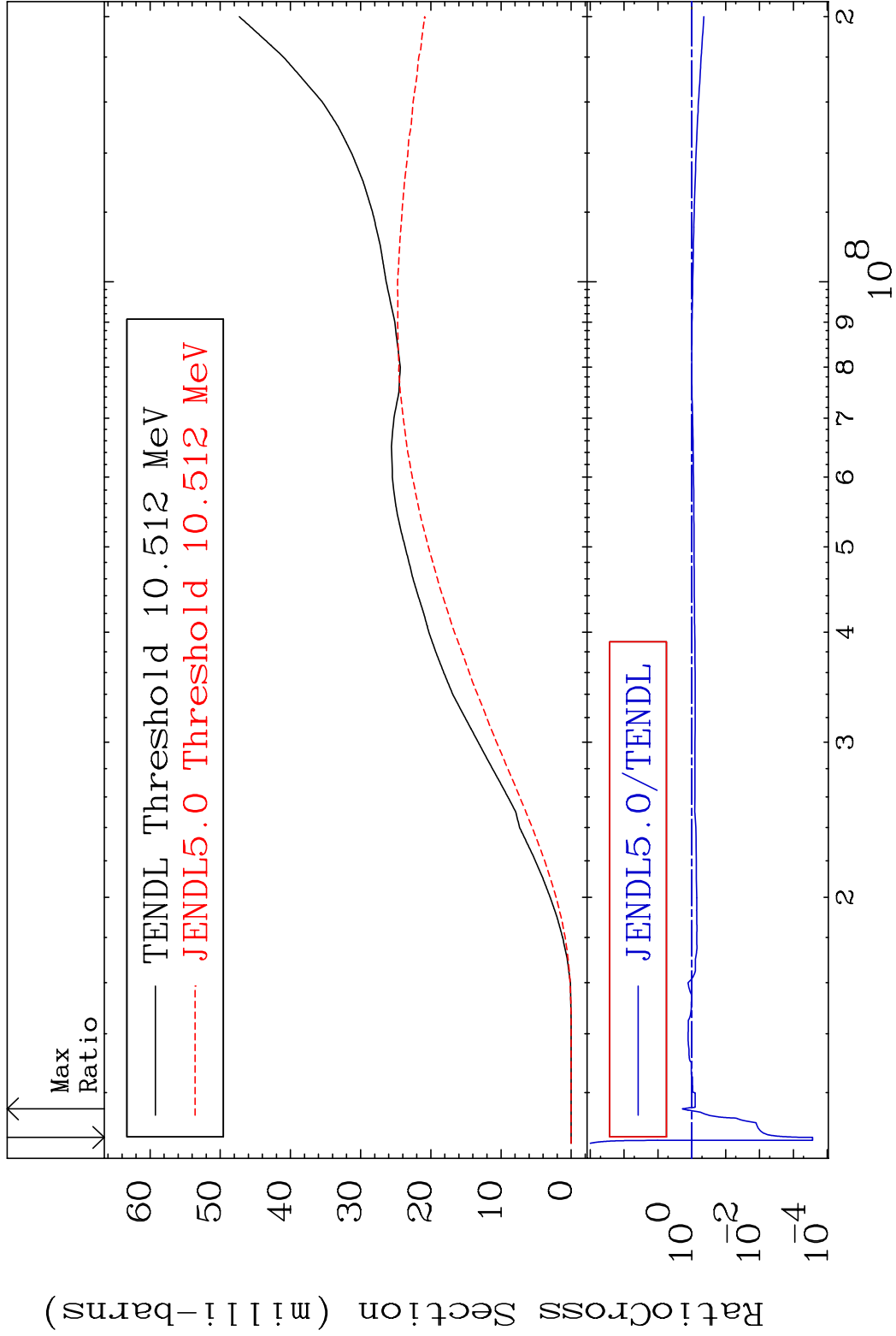
Cross Section -100.0 To 1251. %

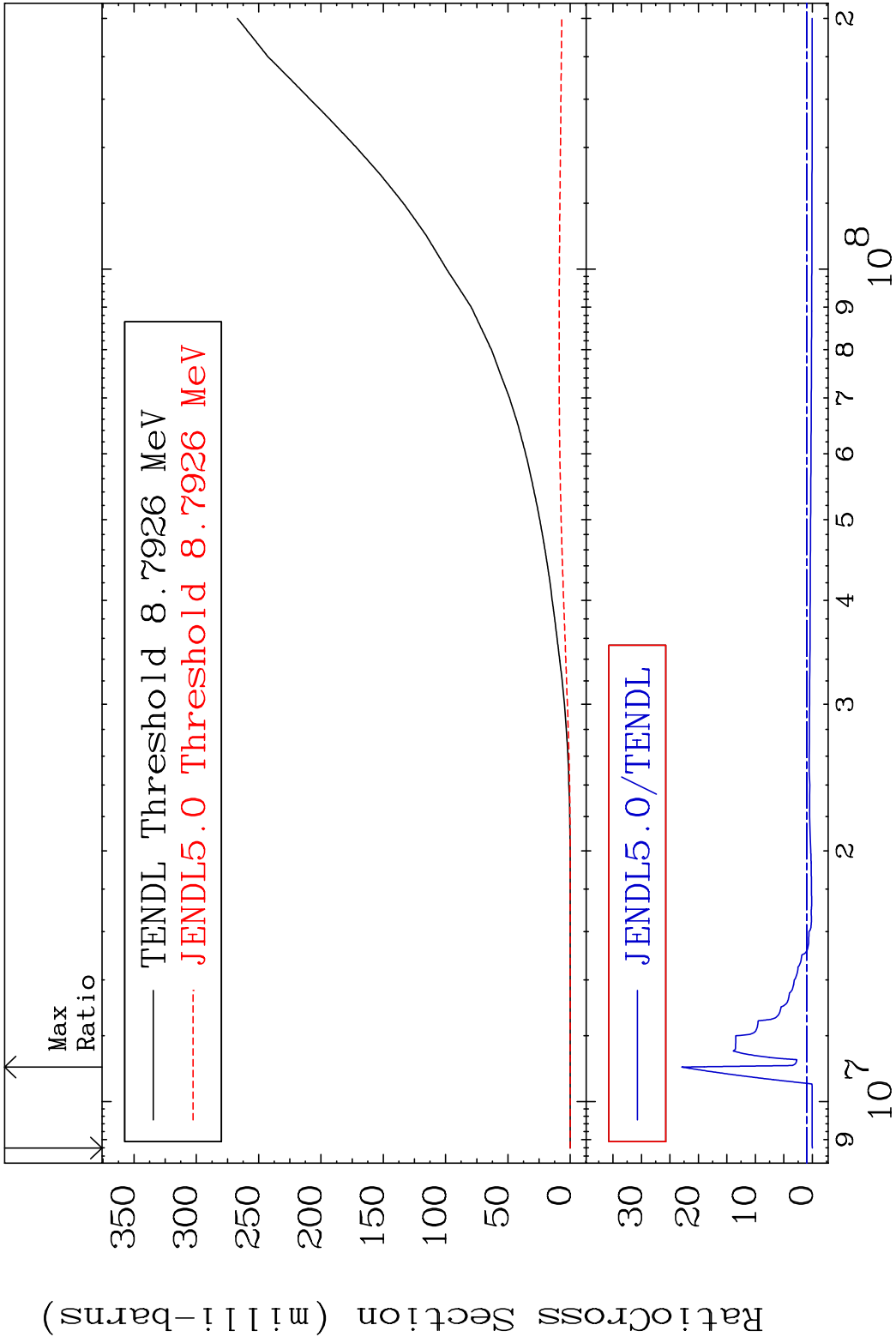


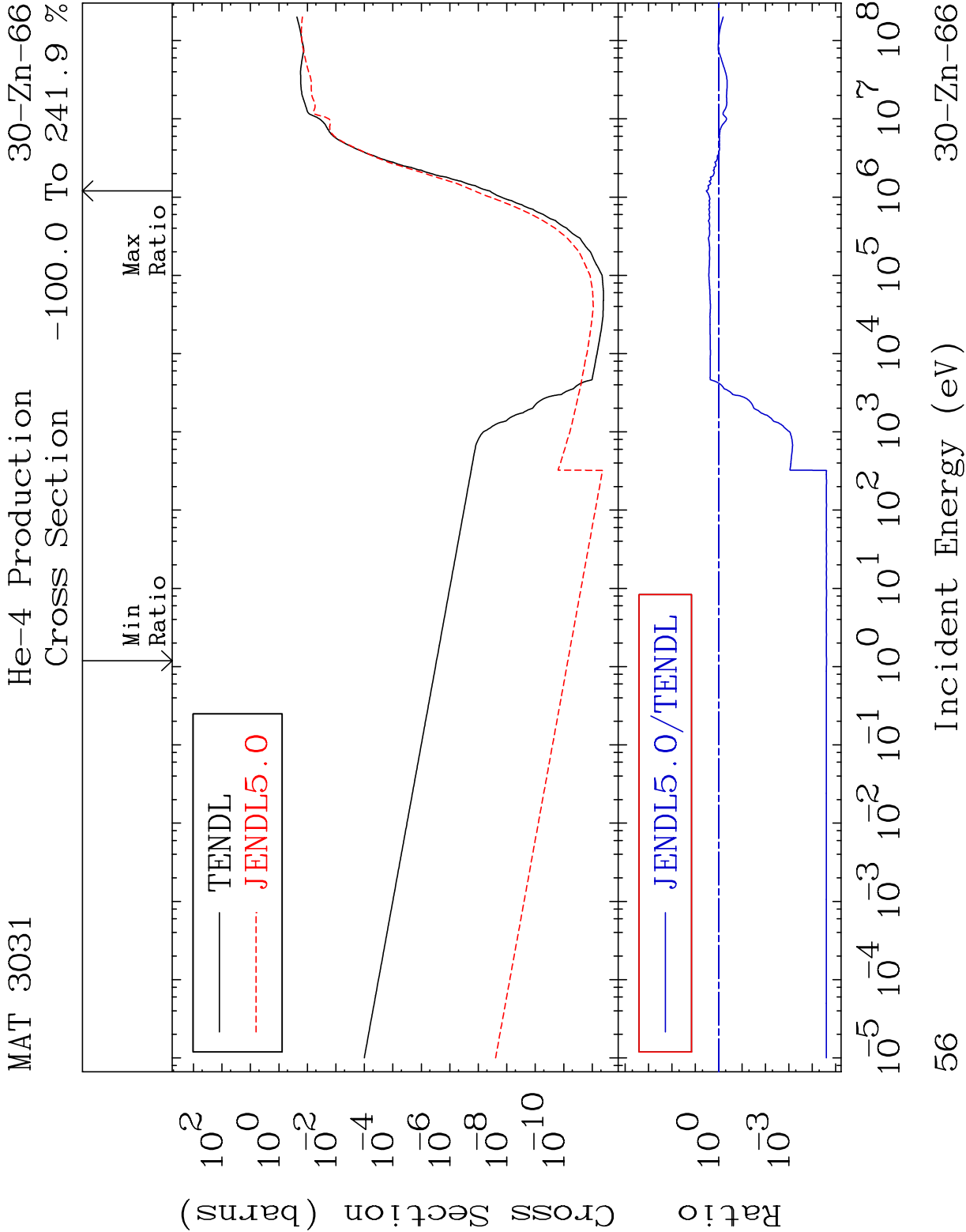


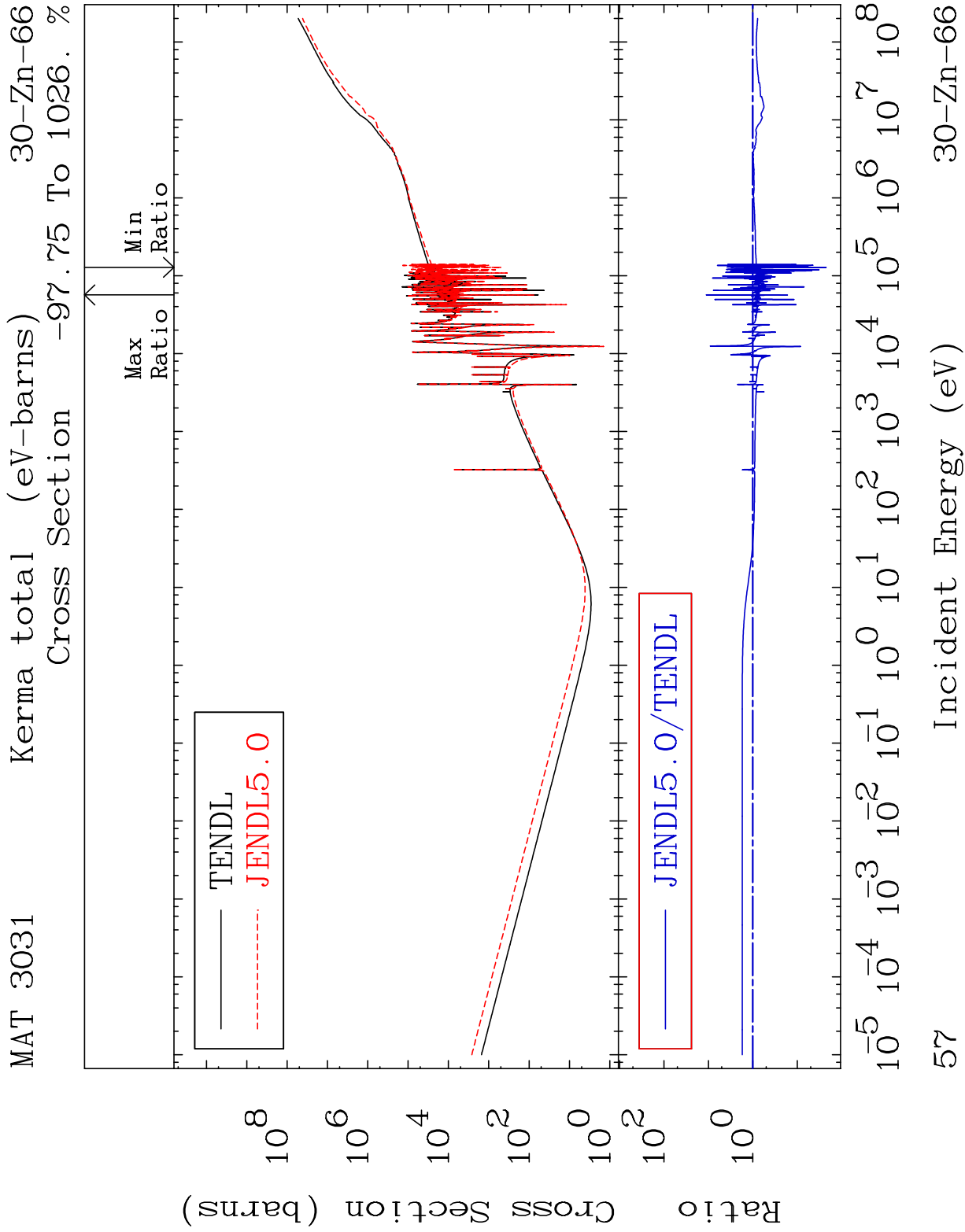








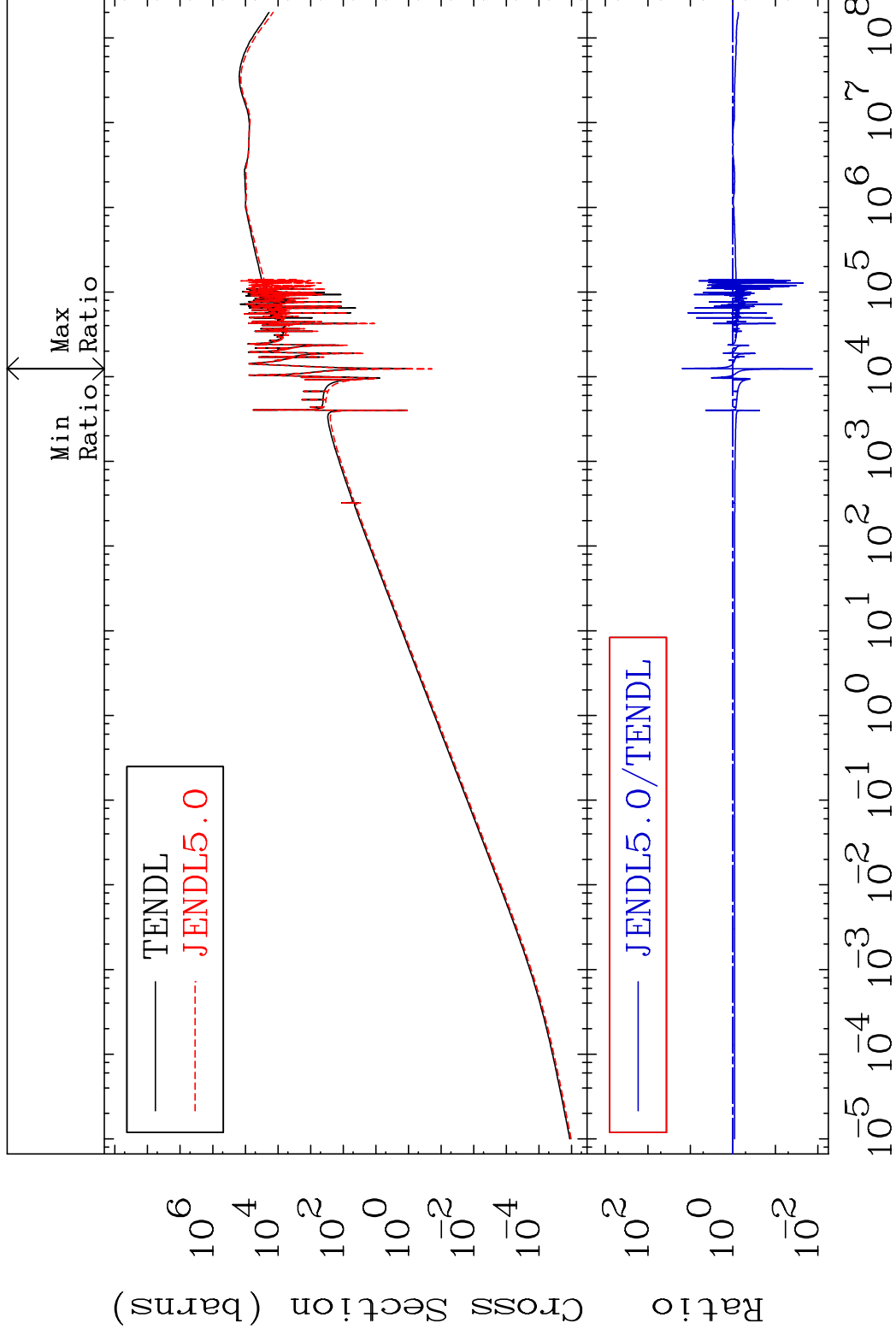




MAT 3031

Kerma elastic
Cross Section

30-Zn-66
-98.67 To 1444. %

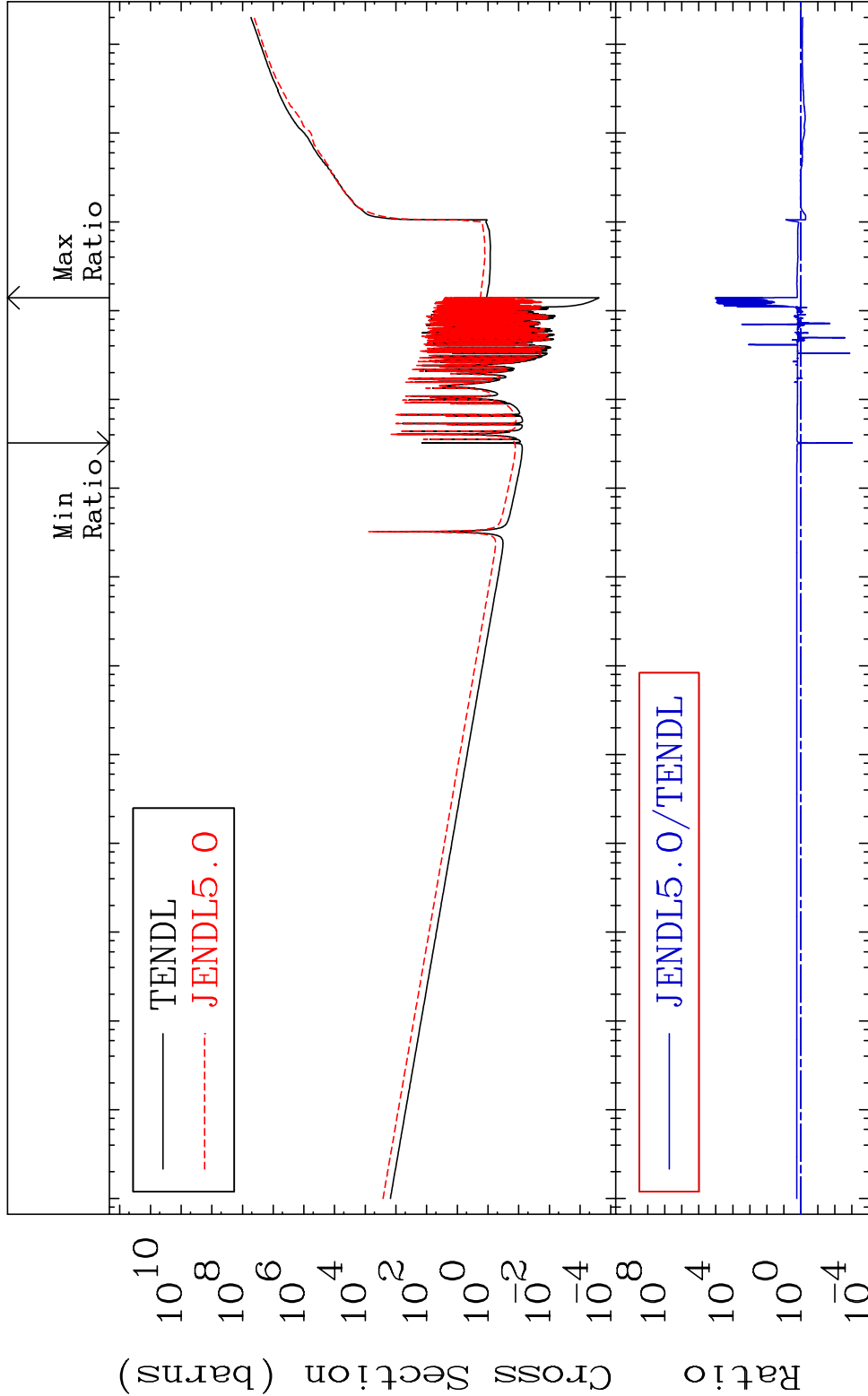


58

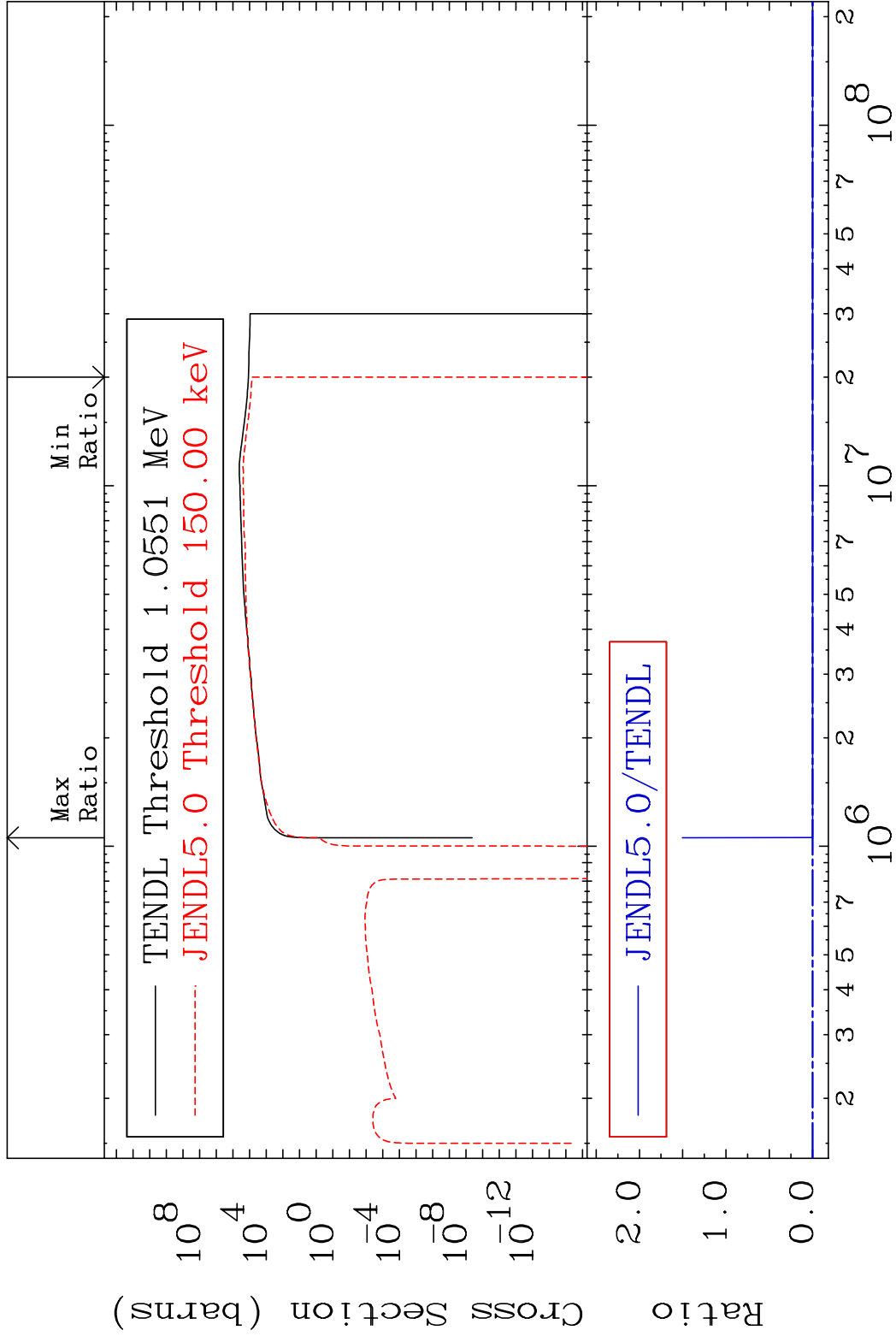
Incident Energy (eV)

30-Zn-66

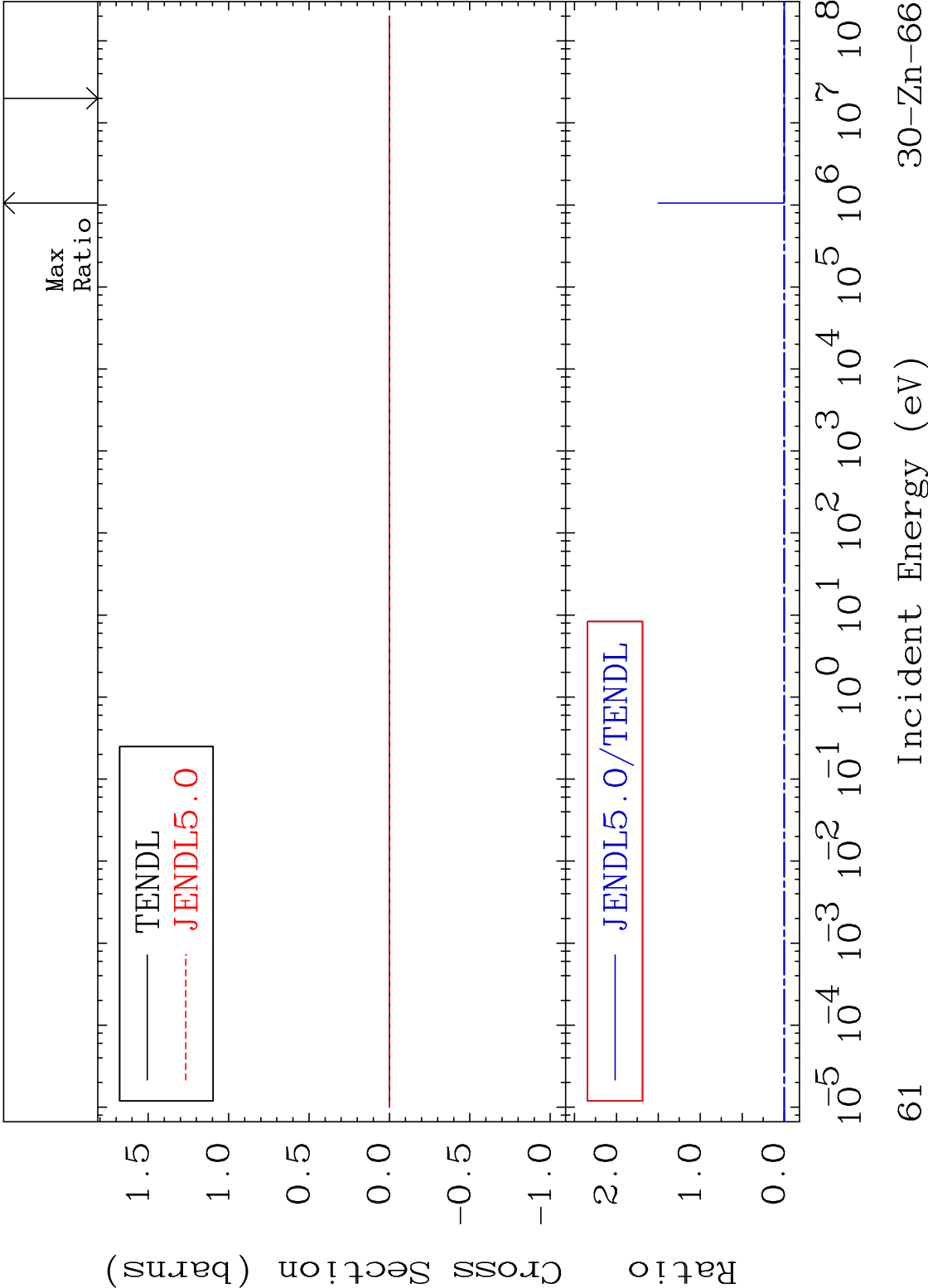
MAT 3031 Kerma non-elastic (all but mt2) 30-Zn-66
Cross Section -99.91 To 9999. %

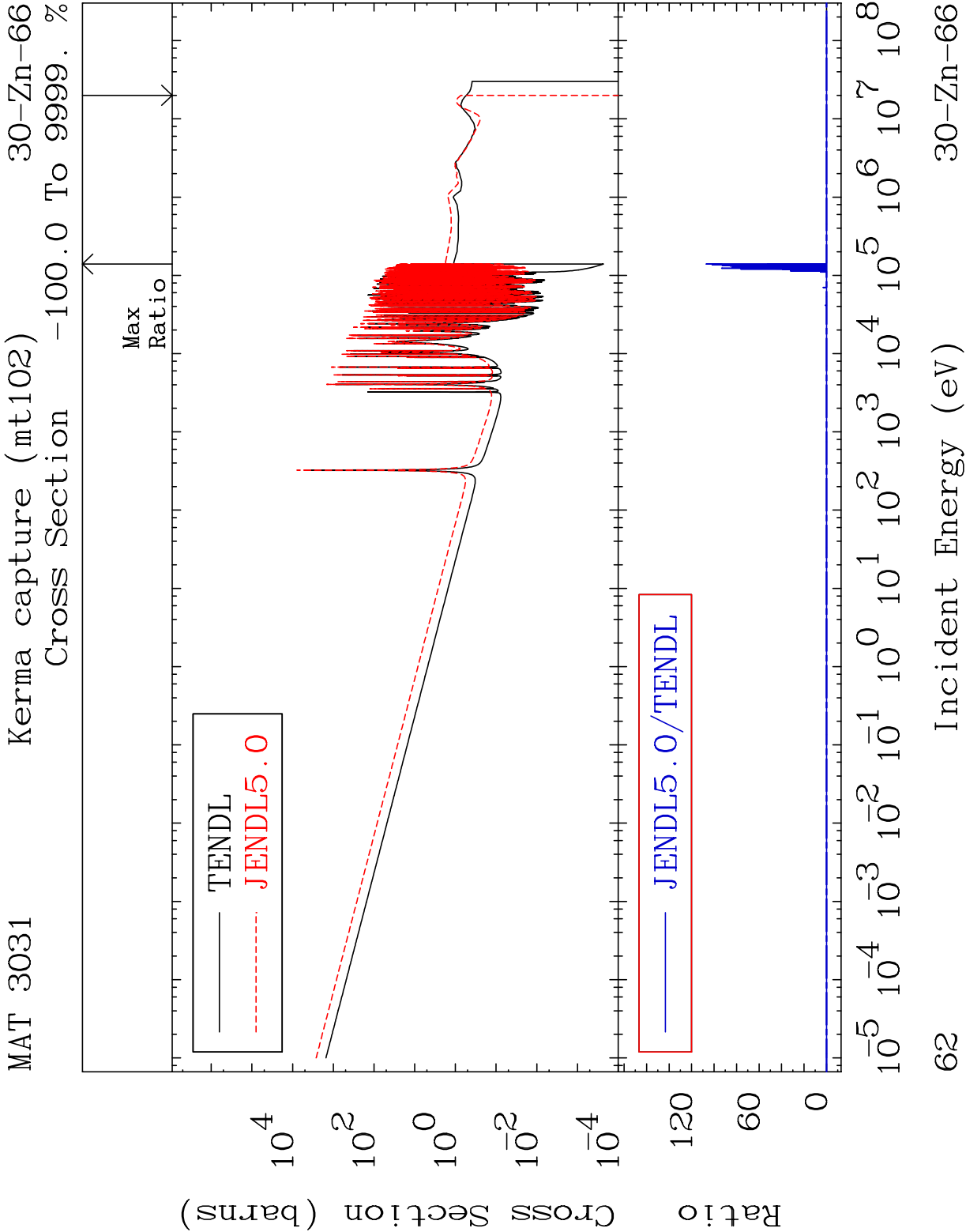


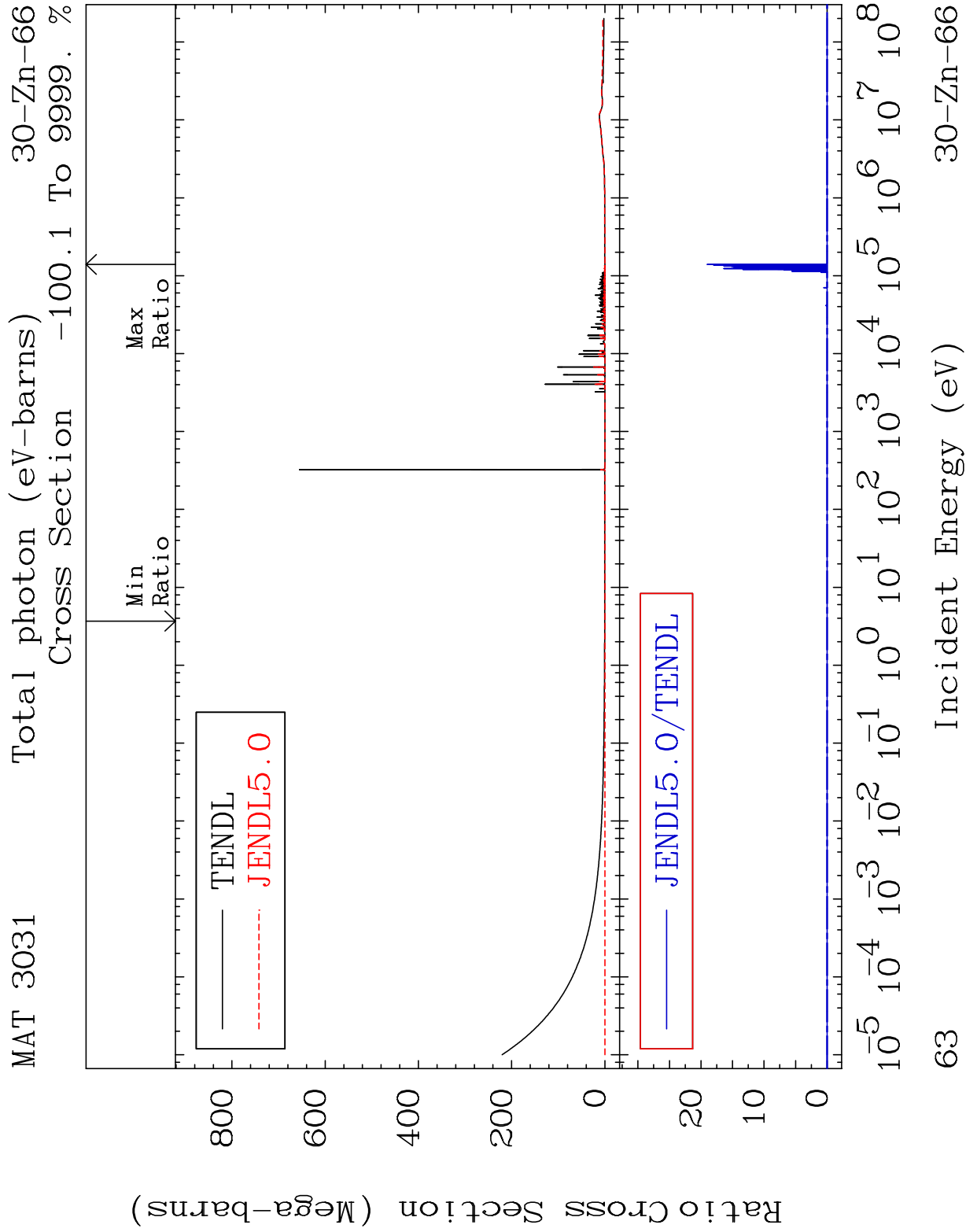
59 Incident Energy (eV) 30-Zn-66



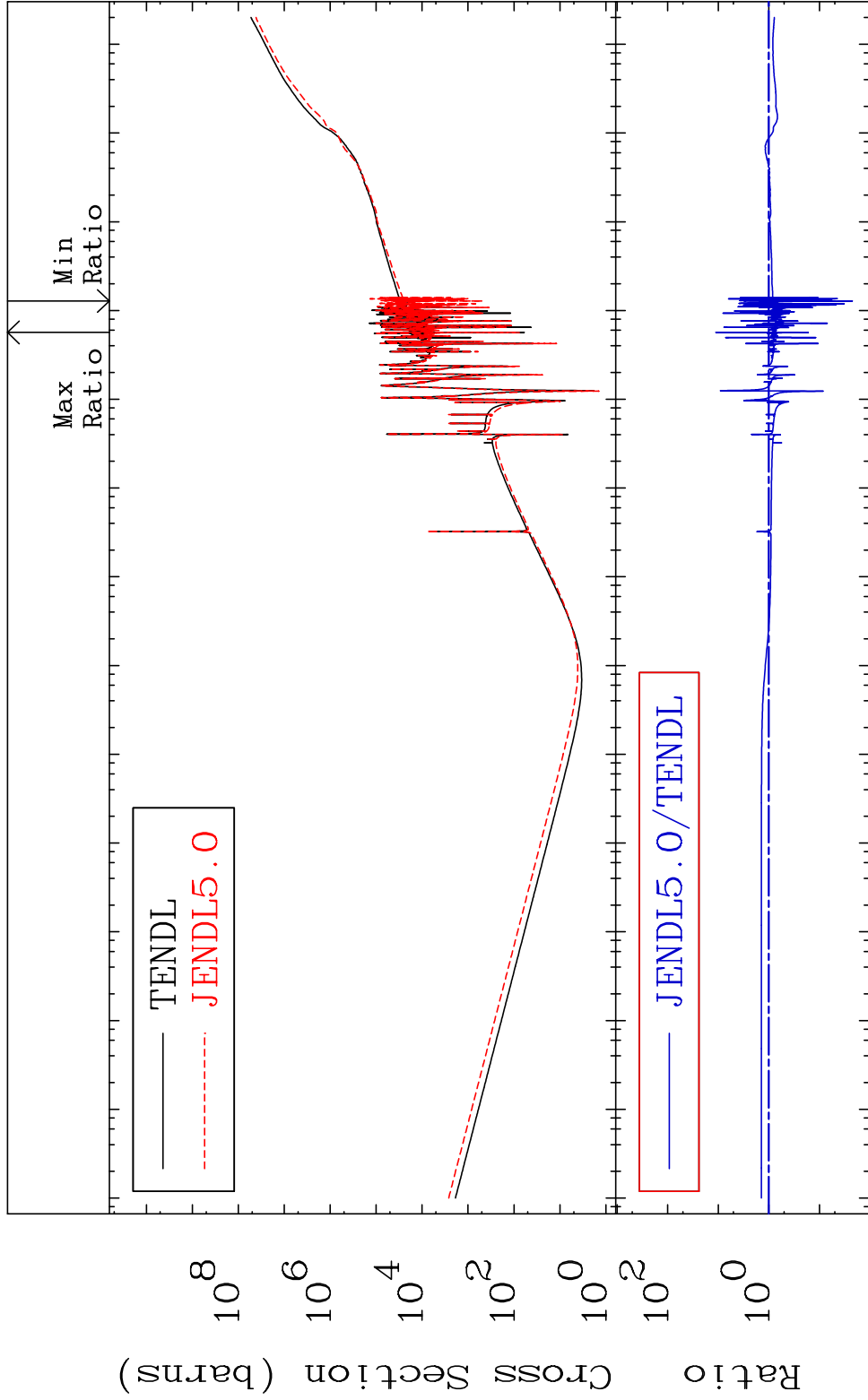
MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66
Cross Section -100.0 To 9999. %





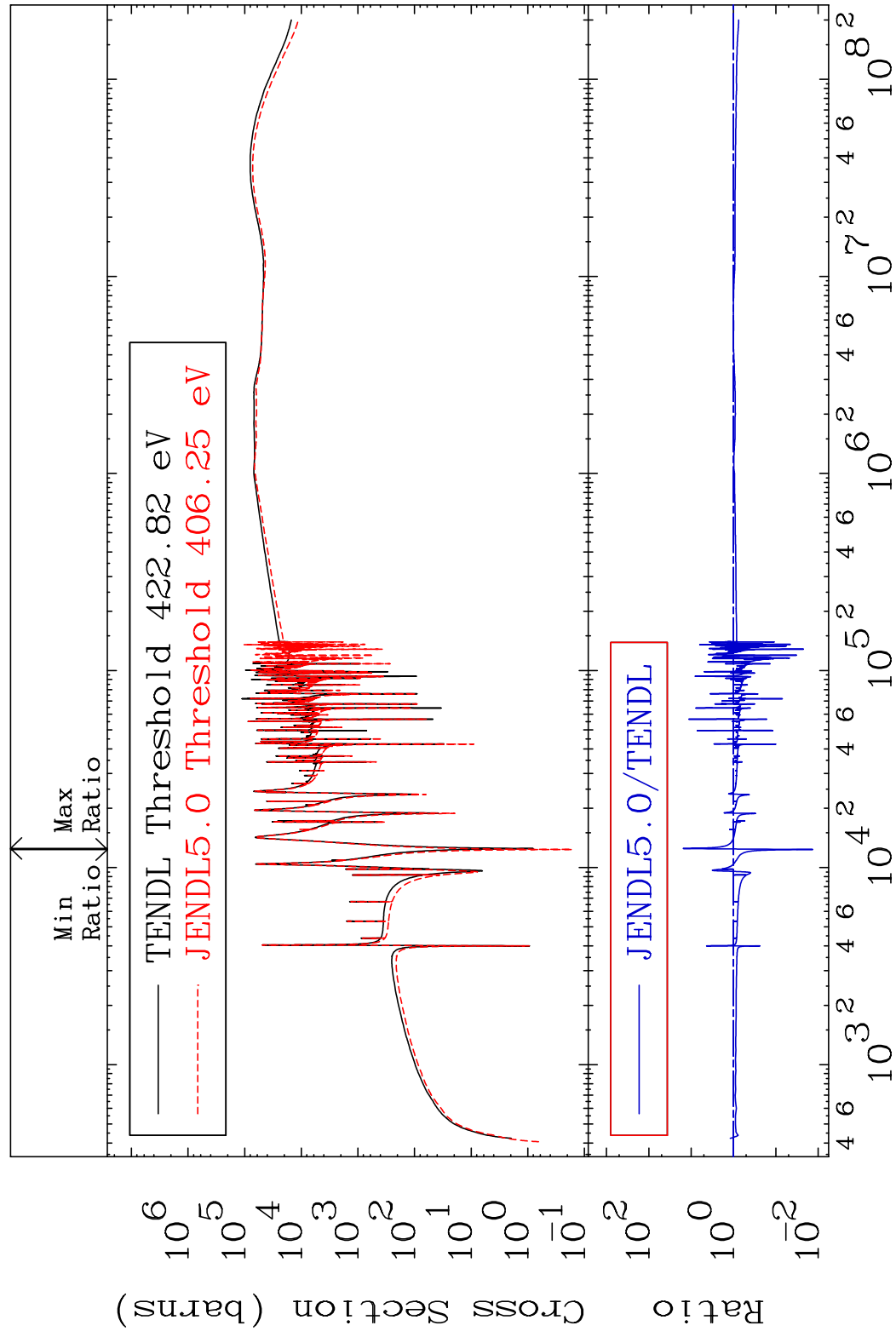


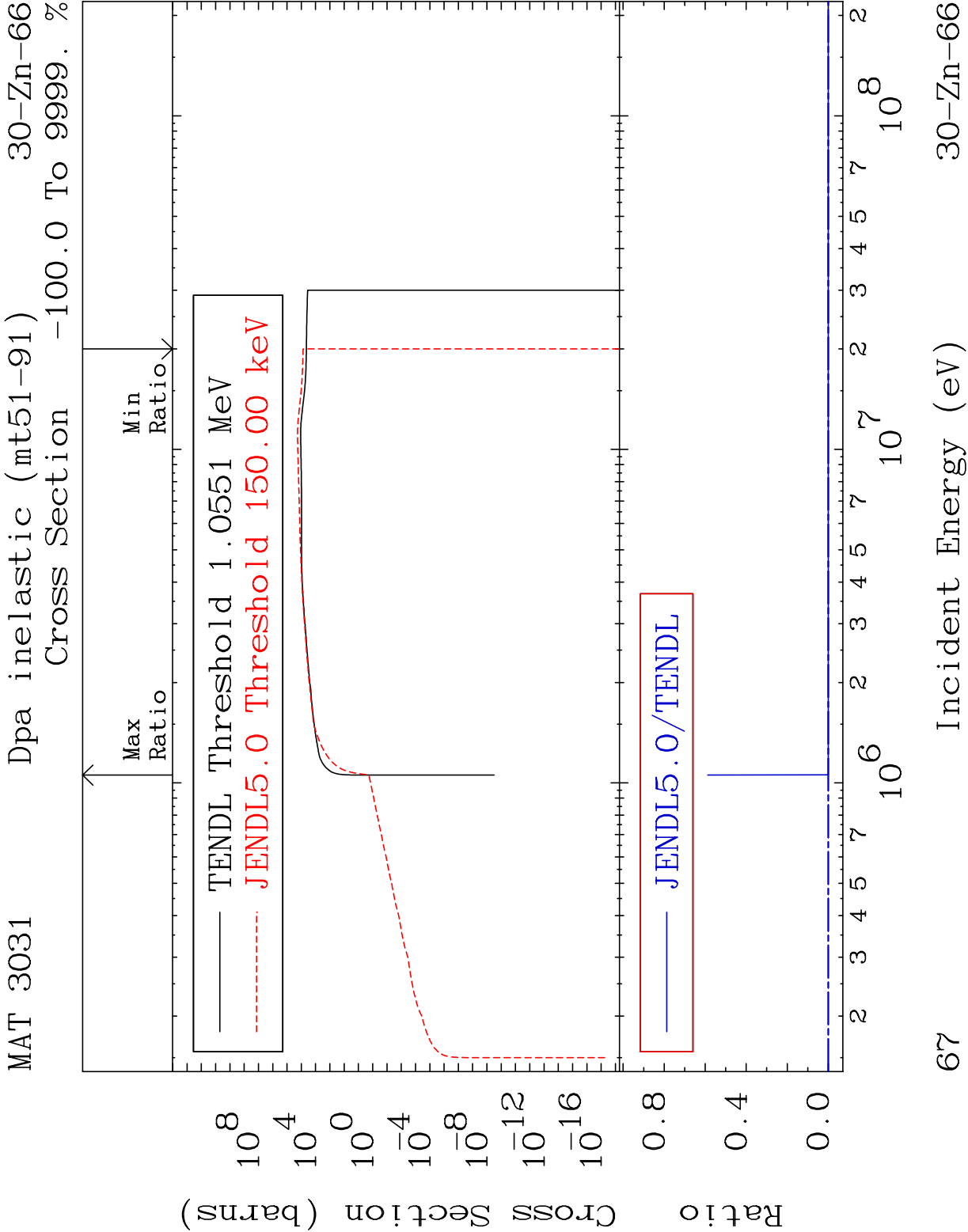
MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
Cross Section -97.75 To 1026. %



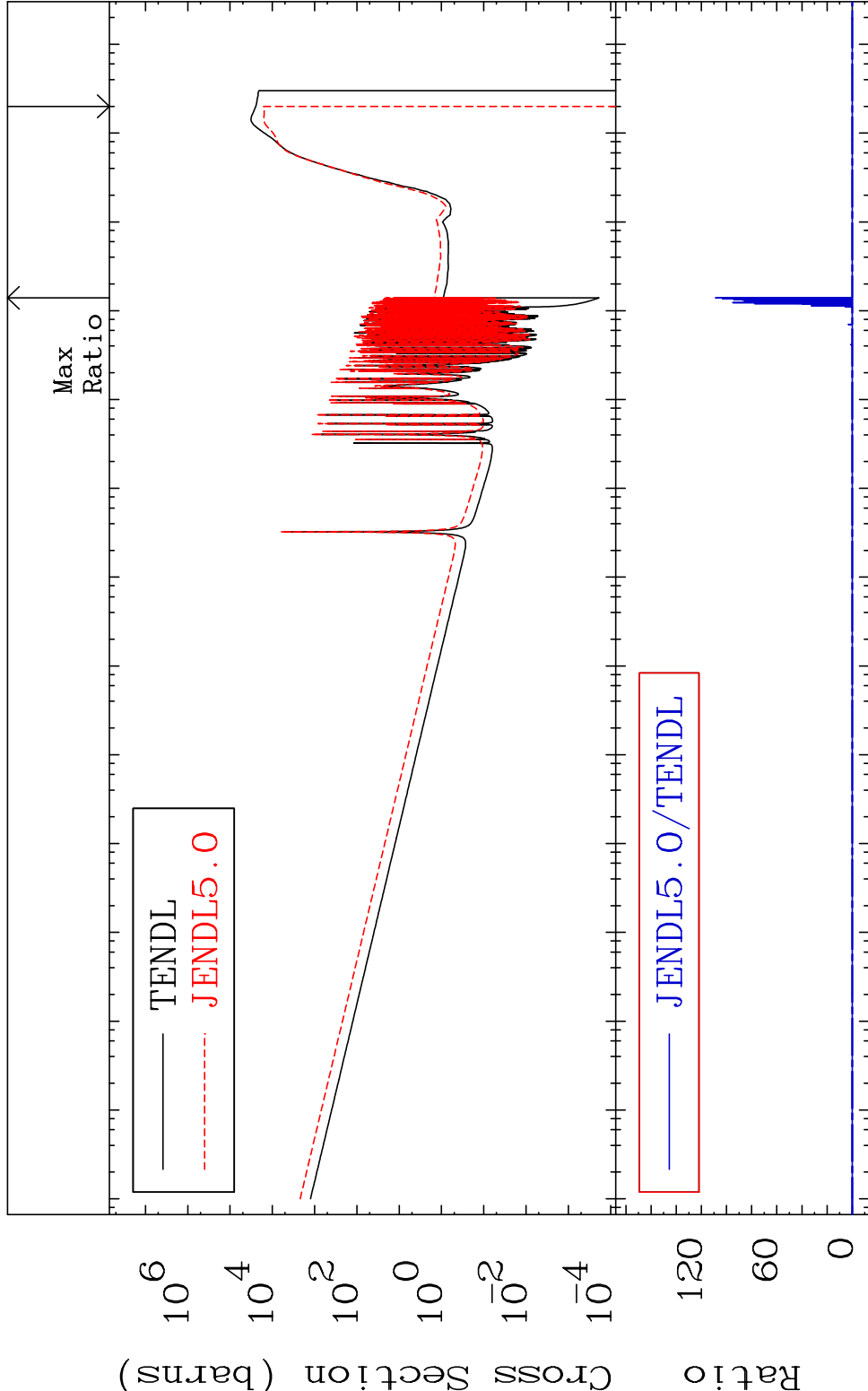
64 Incident Energy (eV) 30-Zn-66

MAT 3031 Dpa elastic (mt2) 30-Zn-66
 Cross Section -98.67 To 1444. %

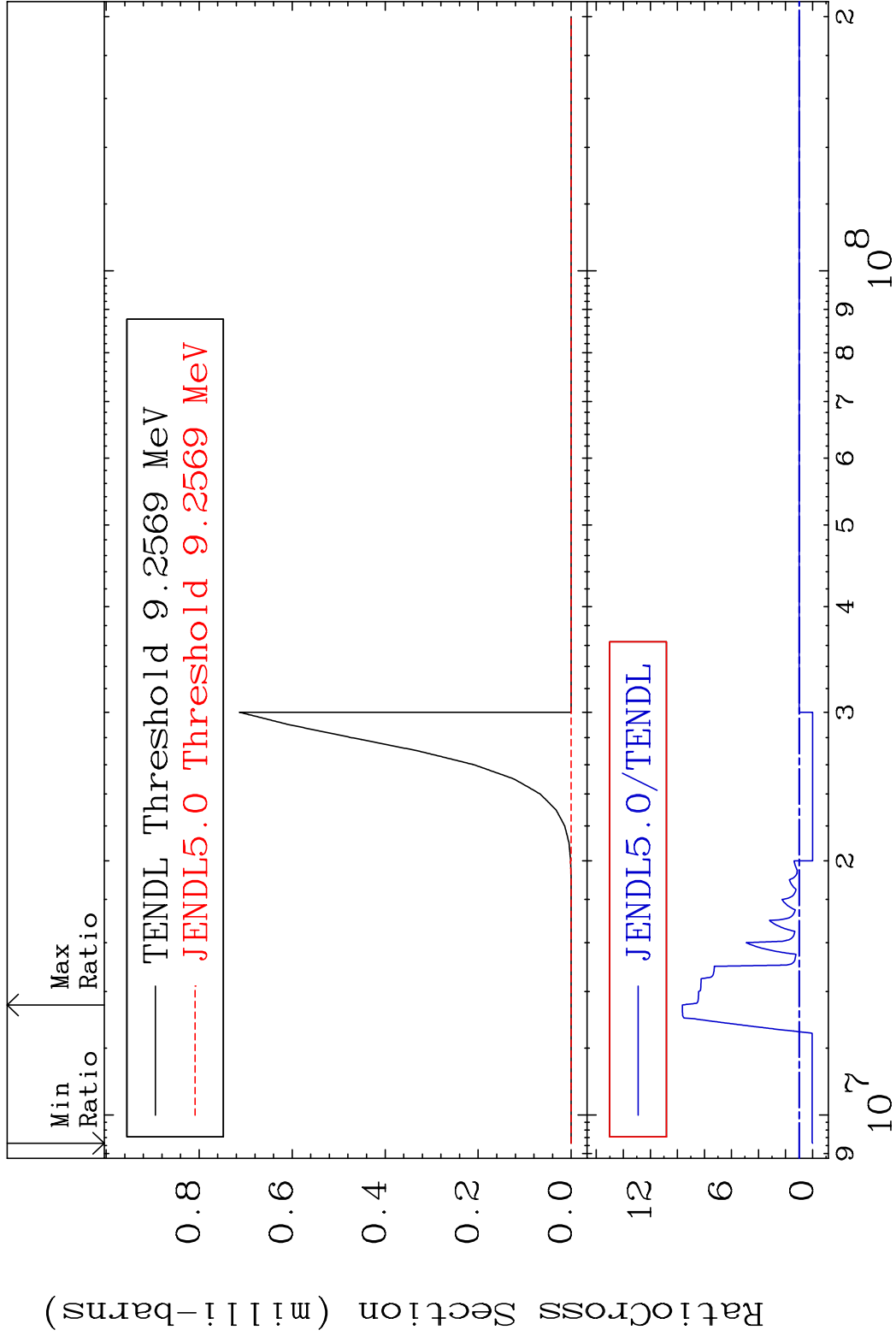




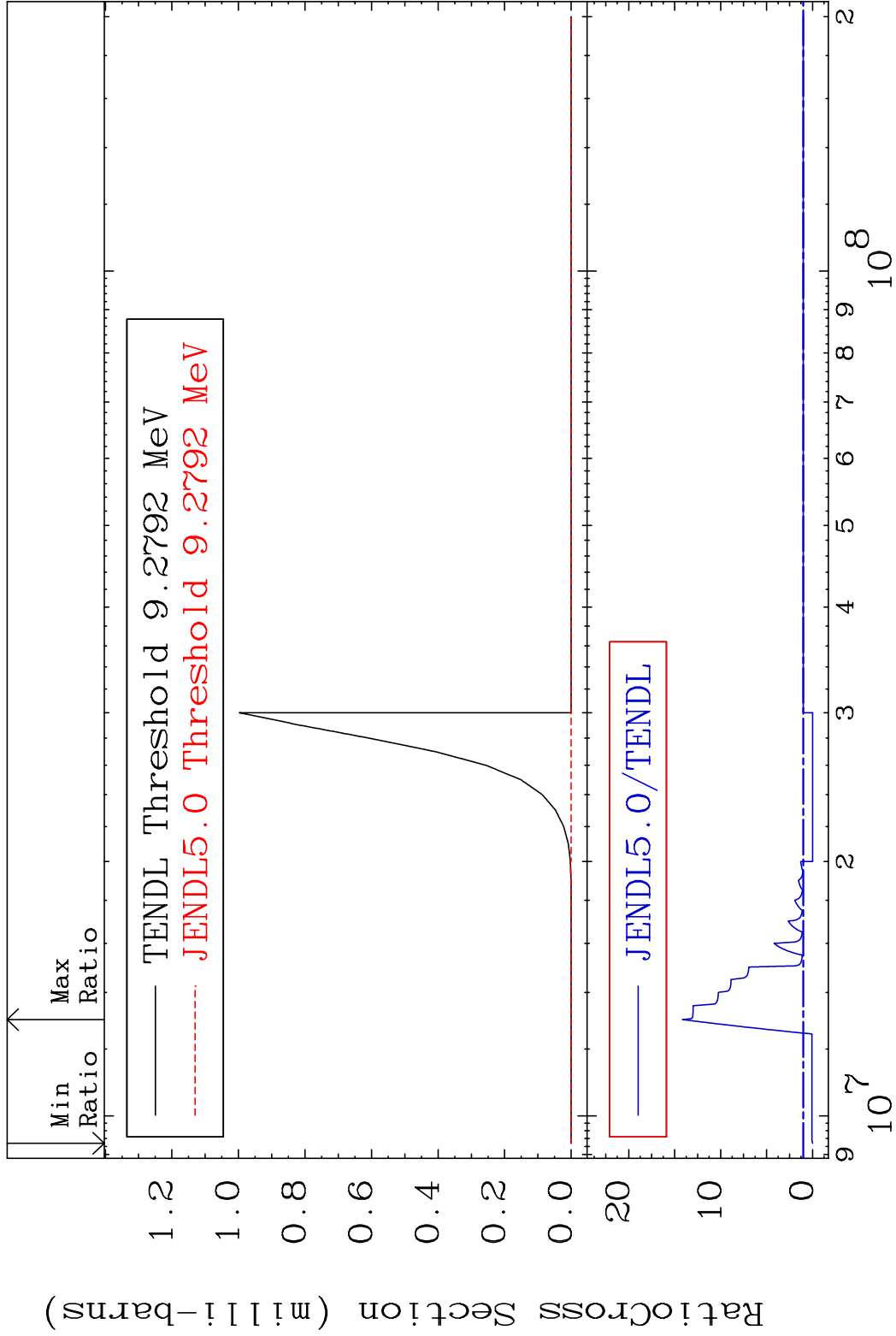
Cross Section -100.0 To 9999. %



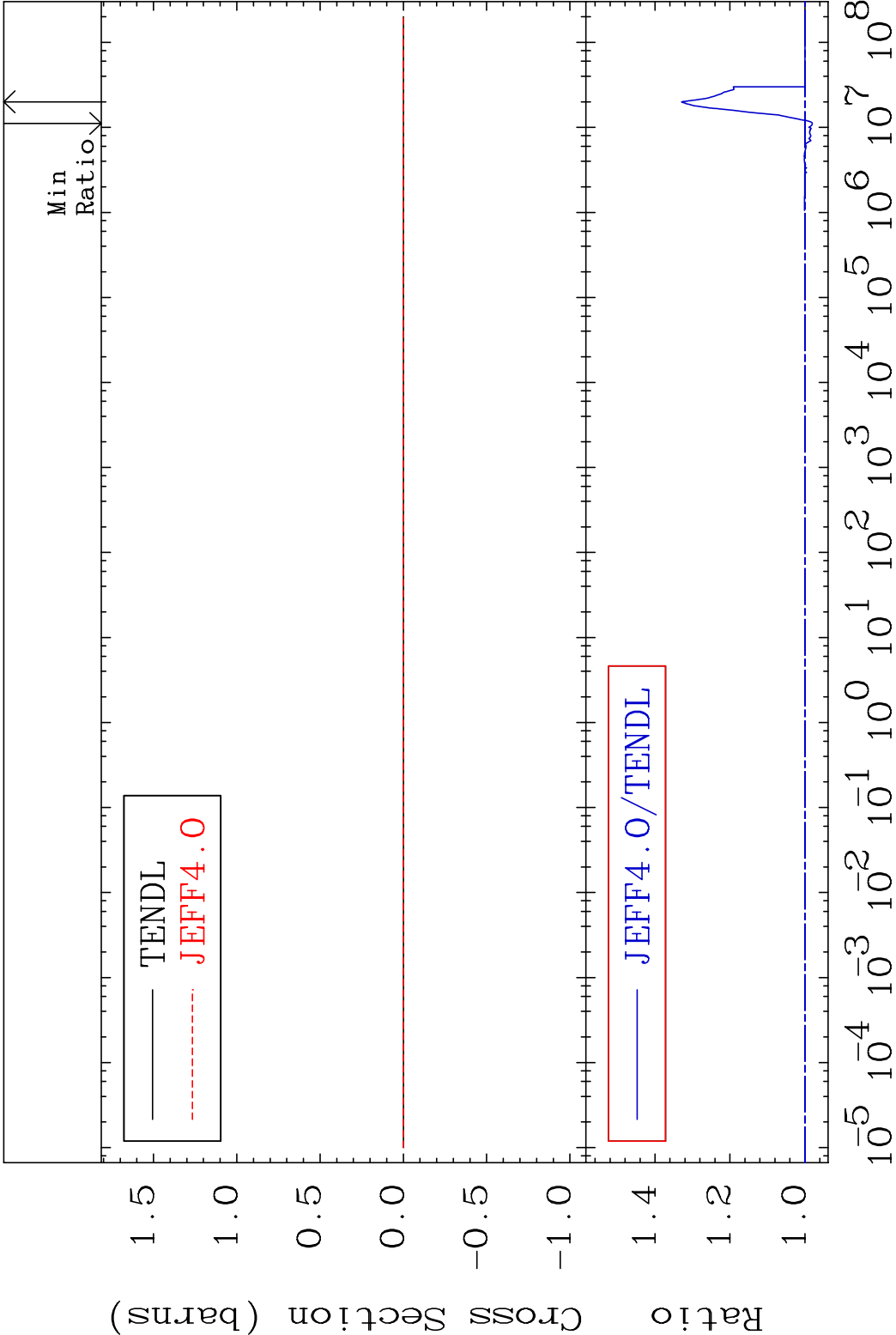
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

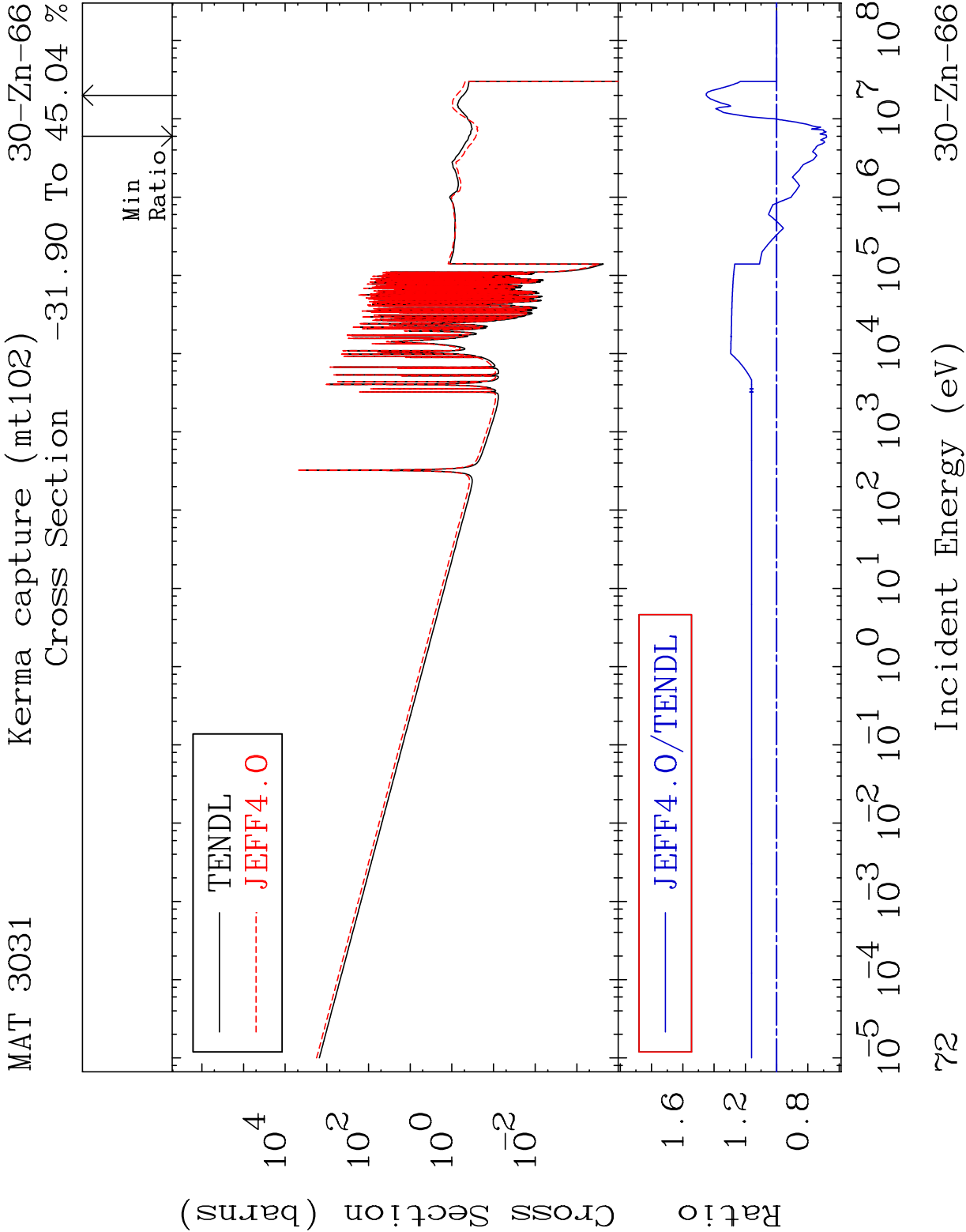


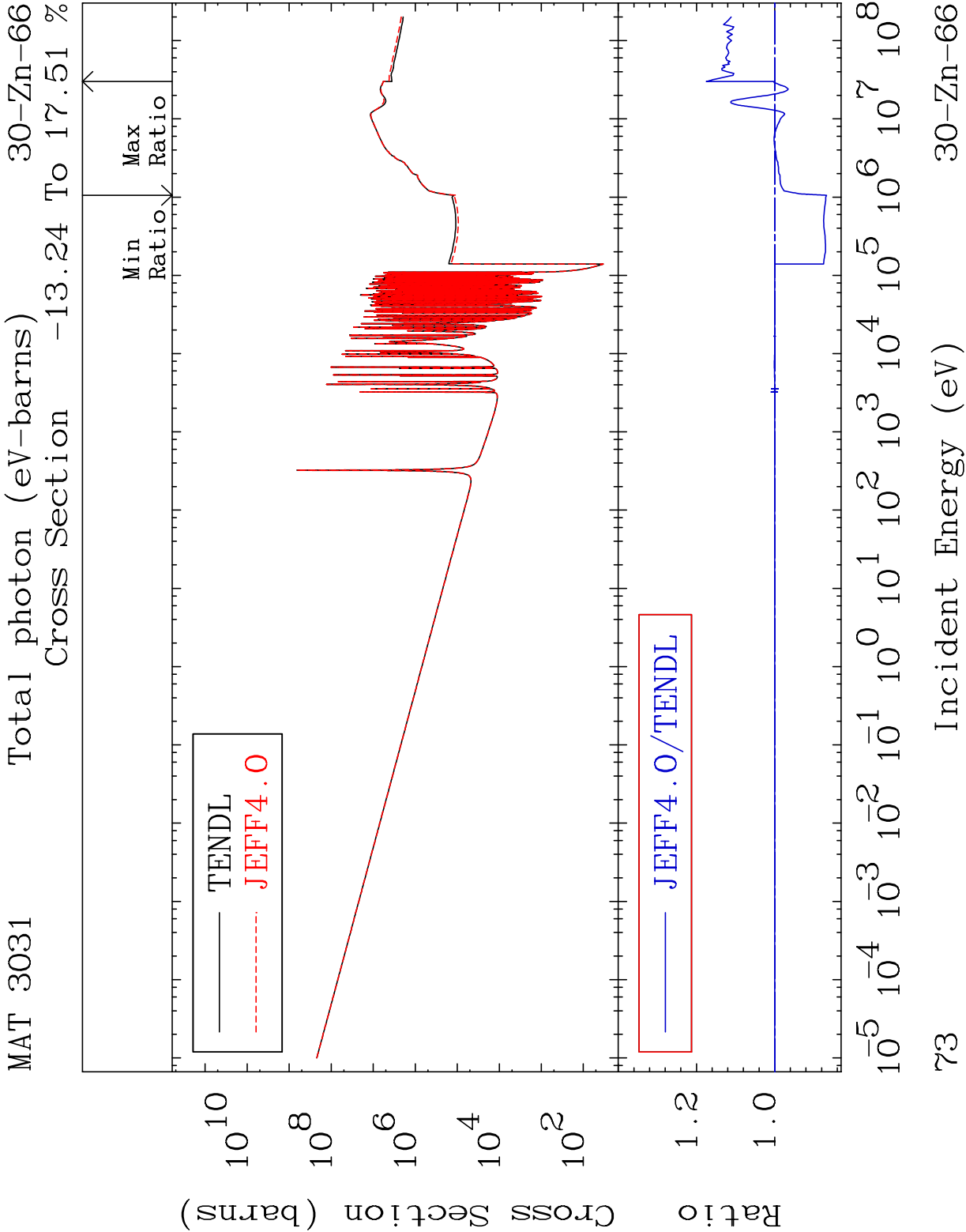
Radionuclide Production Cross Section 1316. %



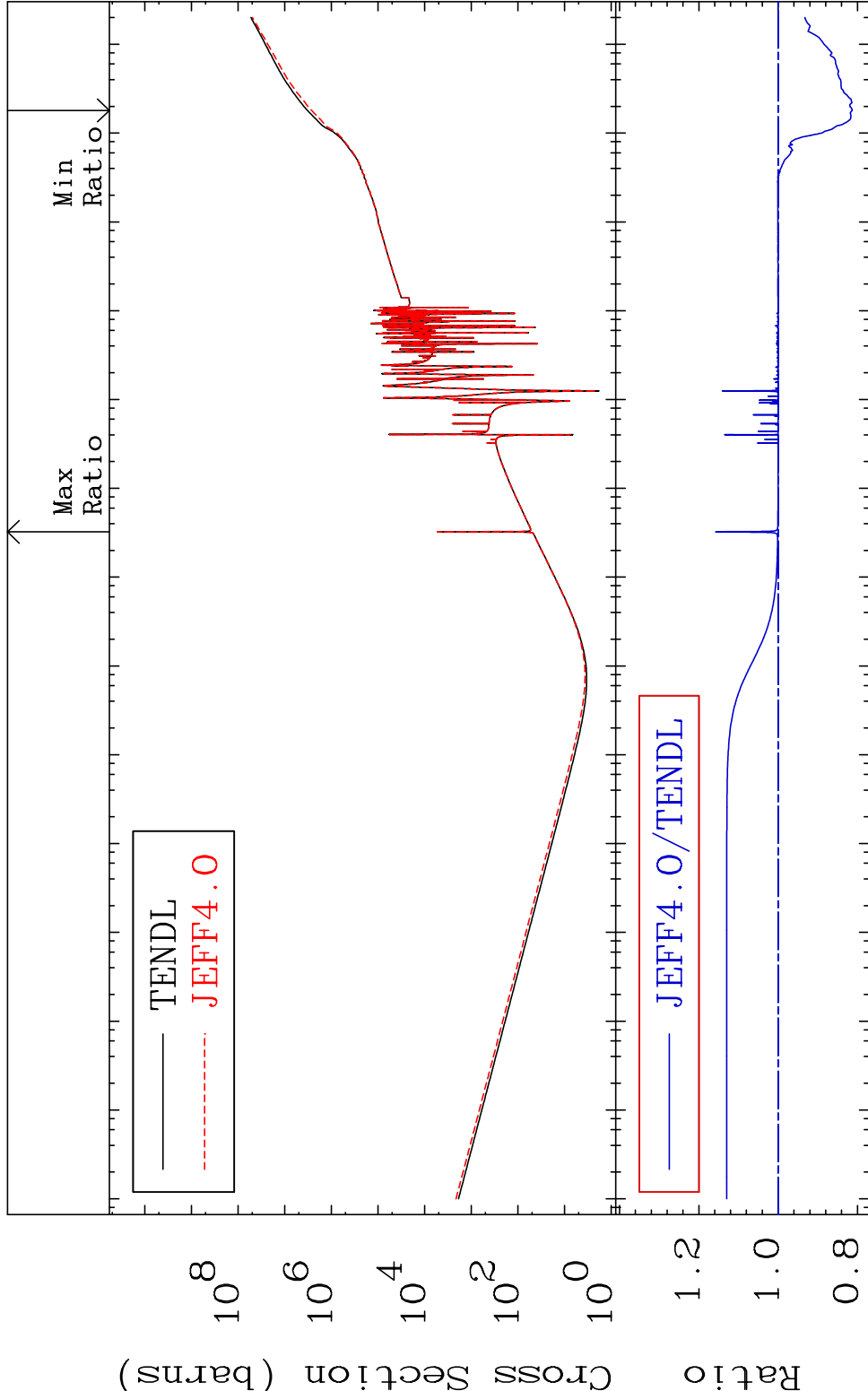
MAT 3031 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-66
Cross Section -1.951 To 32.92 %





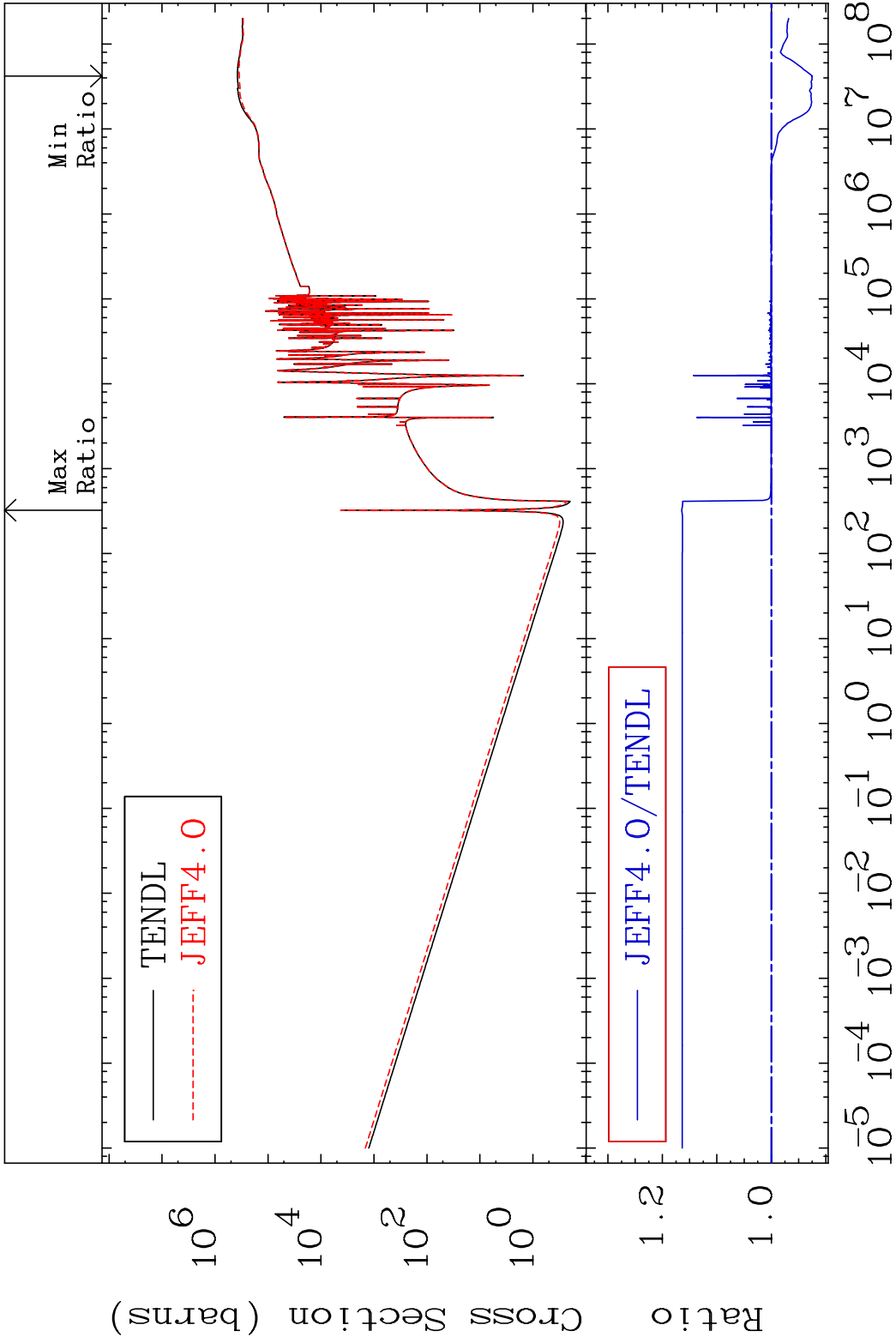


MAT 3031 Total kinematic kerma (high limit) 30-Zn-66
Cross Section -18.68 To 15.76 %

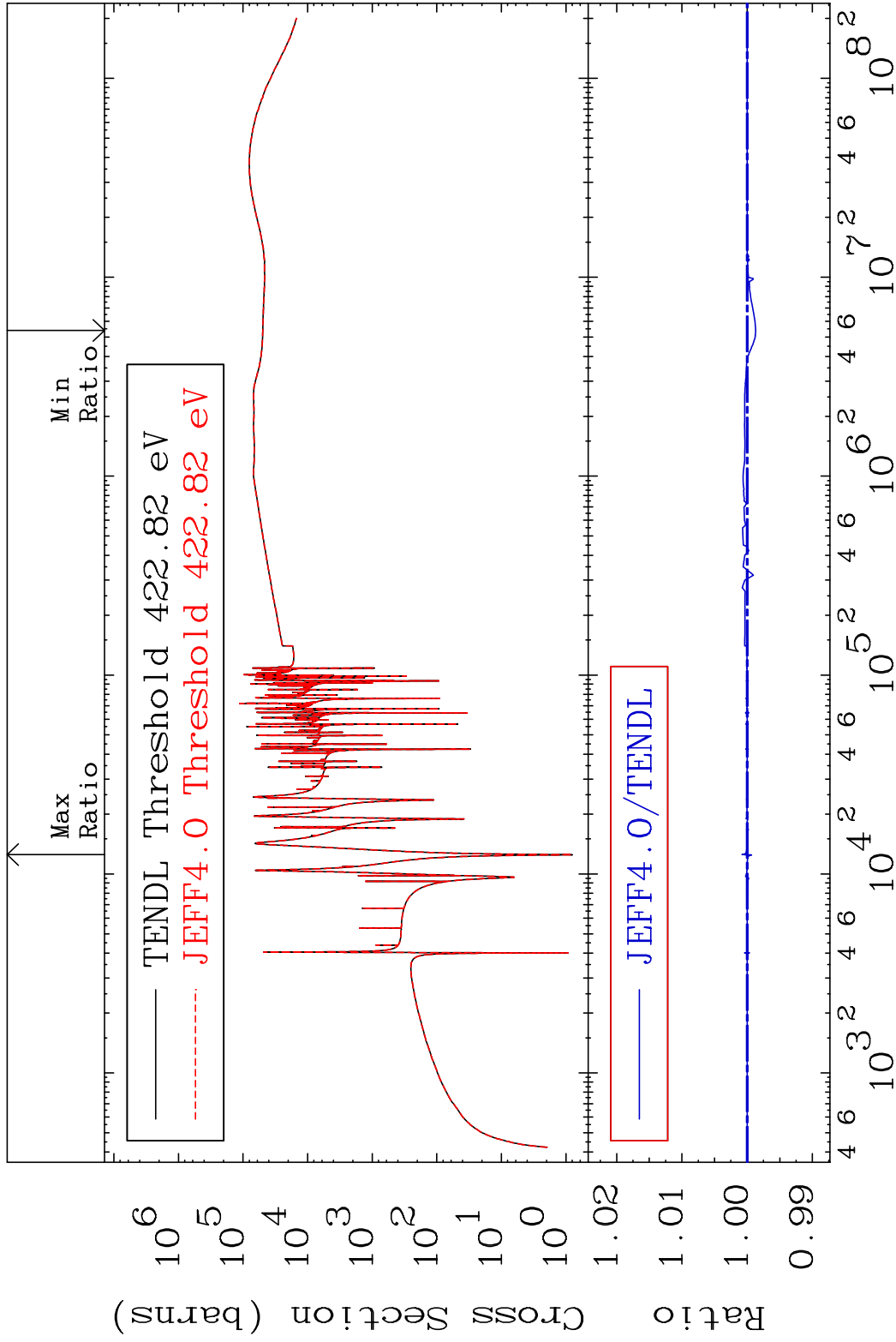


74 Incident Energy (eV) 30-Zn-66

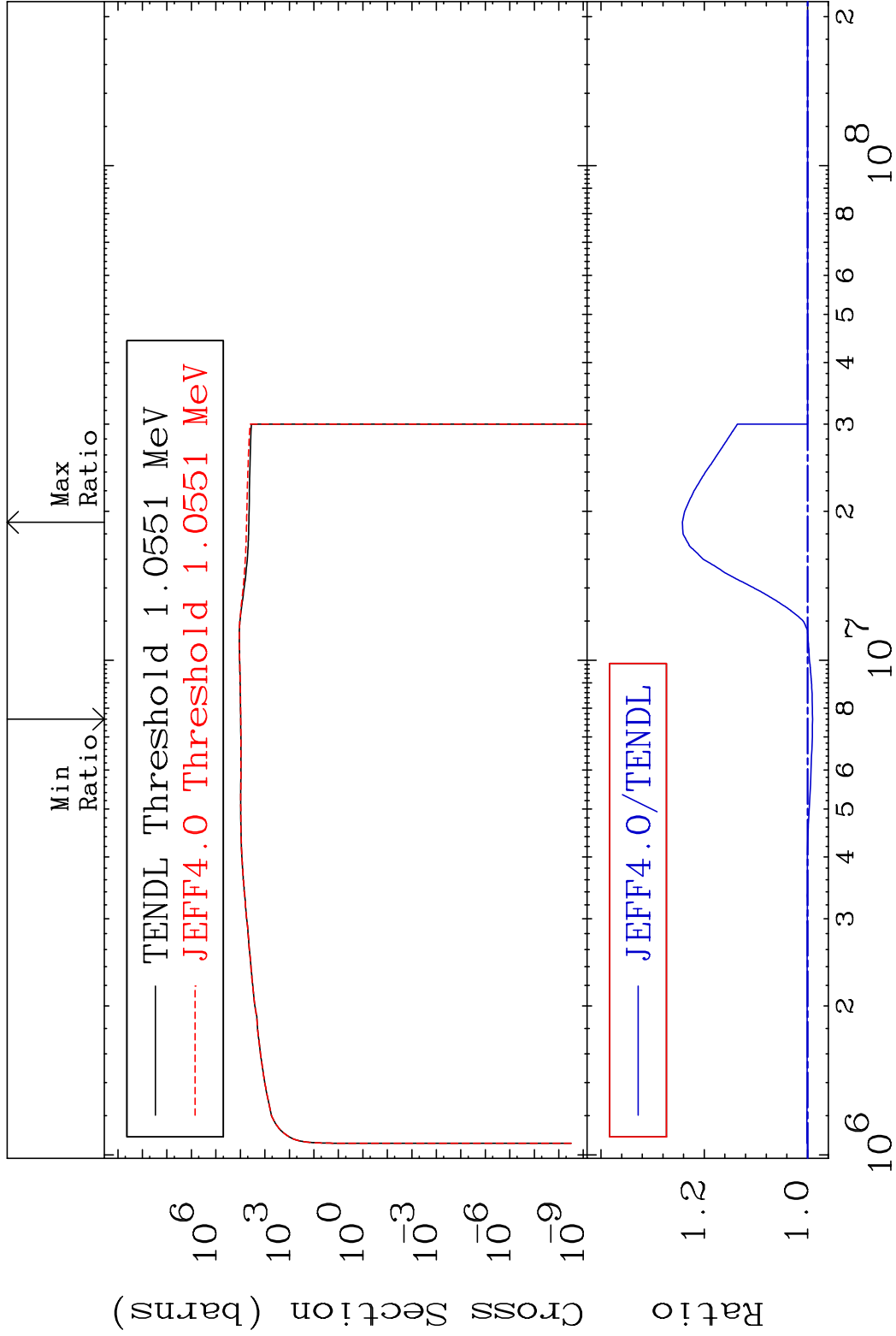
MAT 3031 Dpa total (eV-barns) 30-Zn-66
Cross Section -7.529 To 16.45 %



MAT 3031 Dpa elastic (mt2) 30-Zn-66
Cross Section -0.131 To 0.078 %



MAT 3031 Dpa inelastic (mt51-91) 30-Zn-66
Cross Section -0.967 To 24.24 %



MAT 3031 Dpa disappearance (mt102 -120) 30-Zn-66

Cross Section -27.40 To 30.38 %

