

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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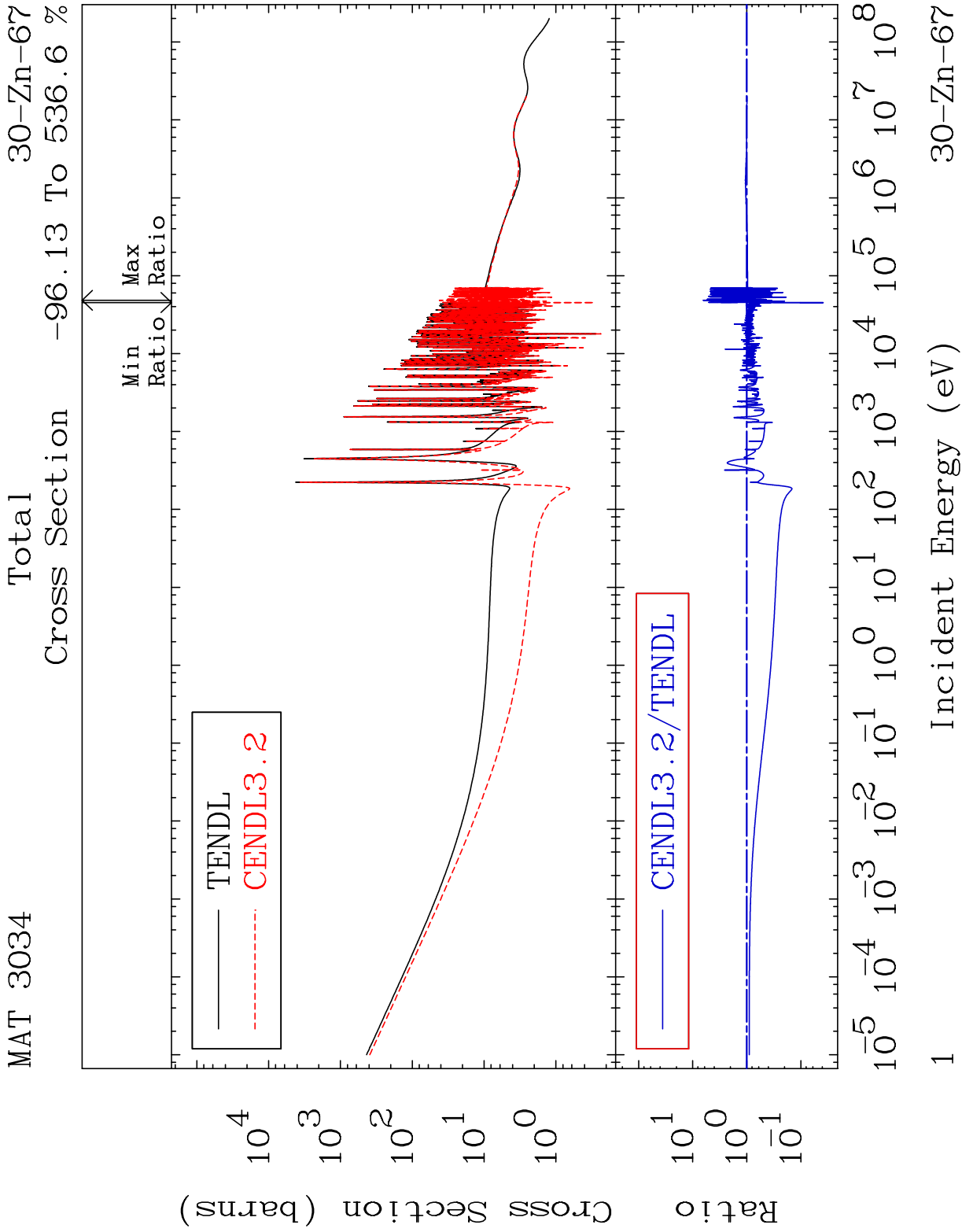
U.S.A.

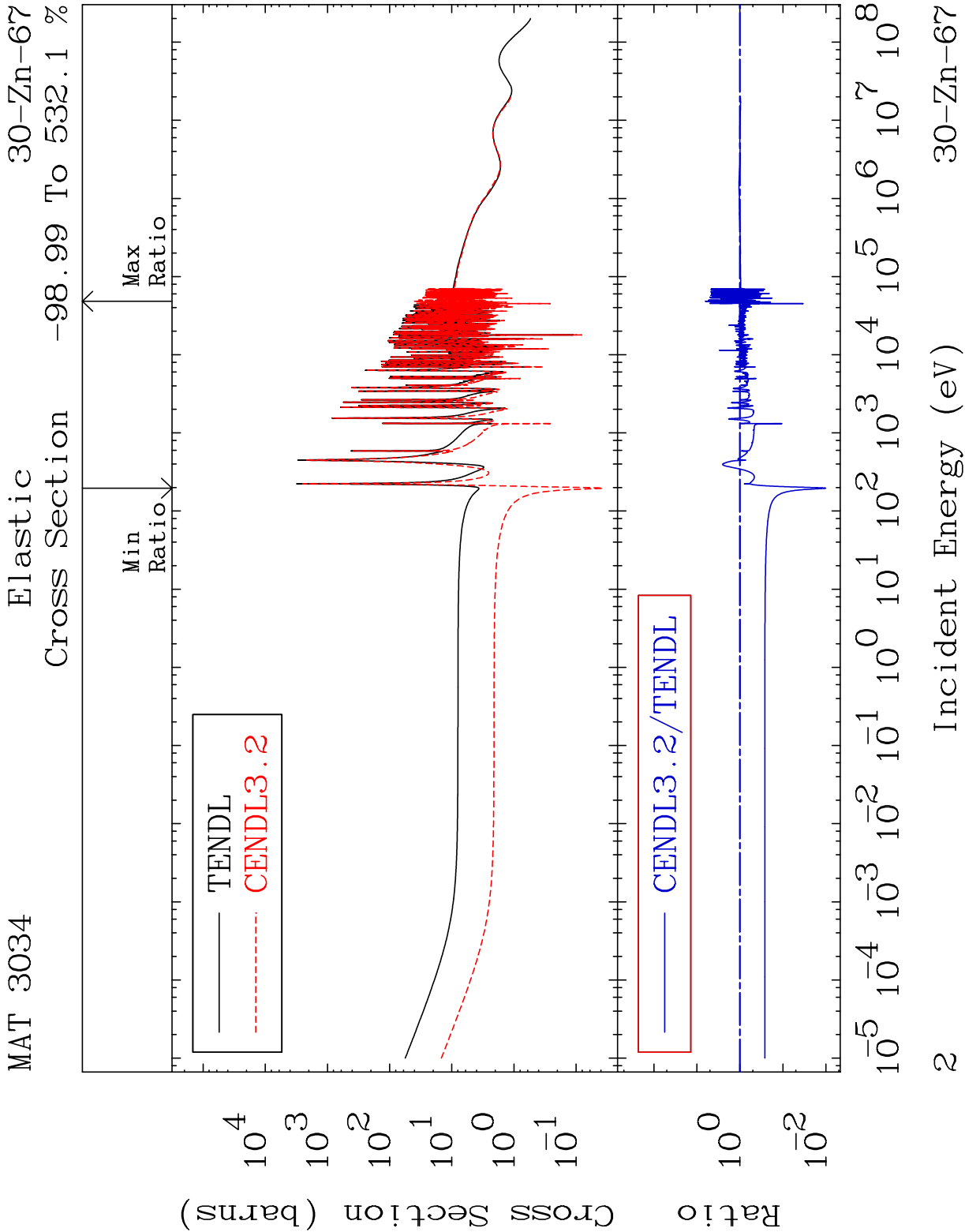
Tele: 925-443-1911

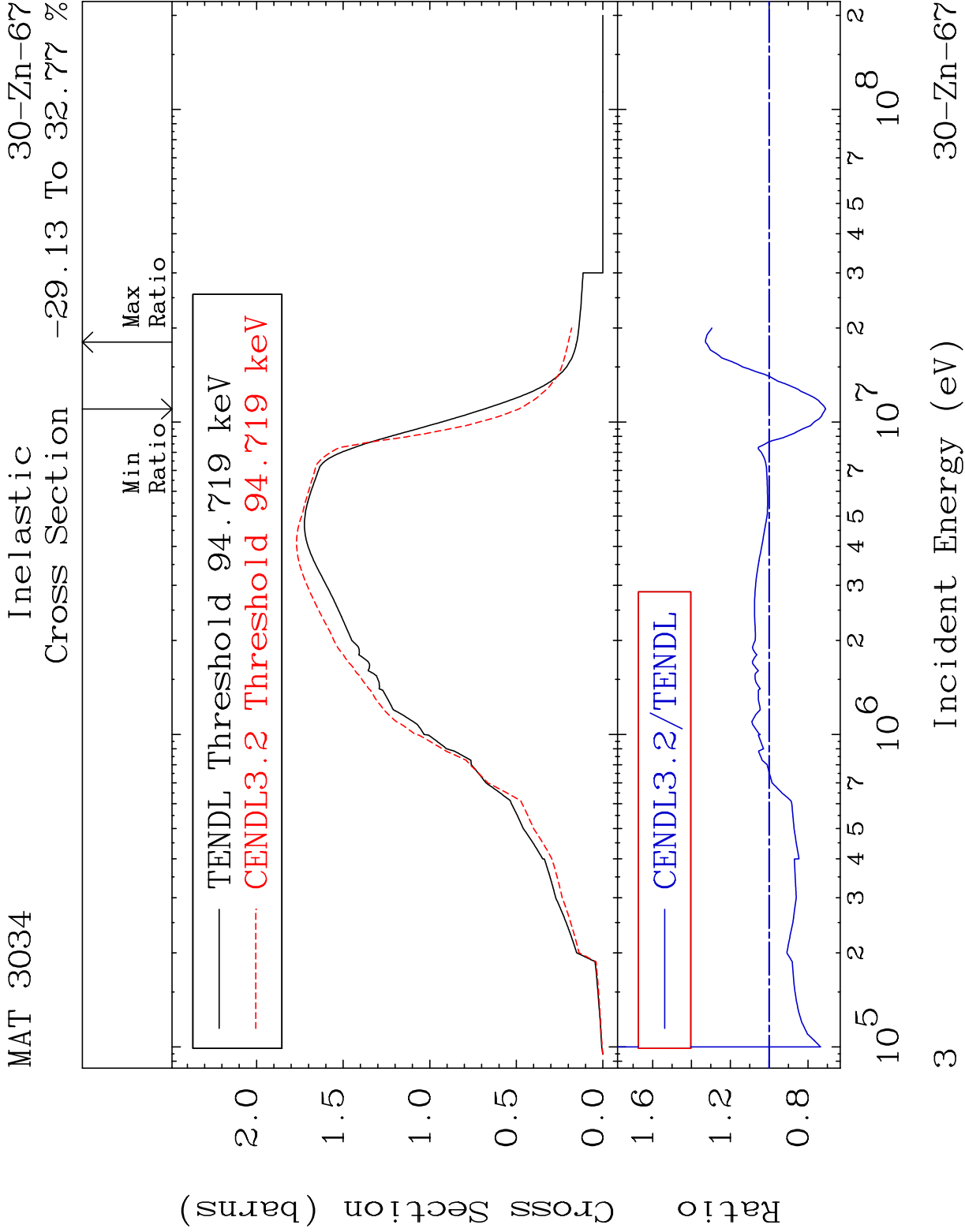
E.Mail: redcullen1@comcast.net

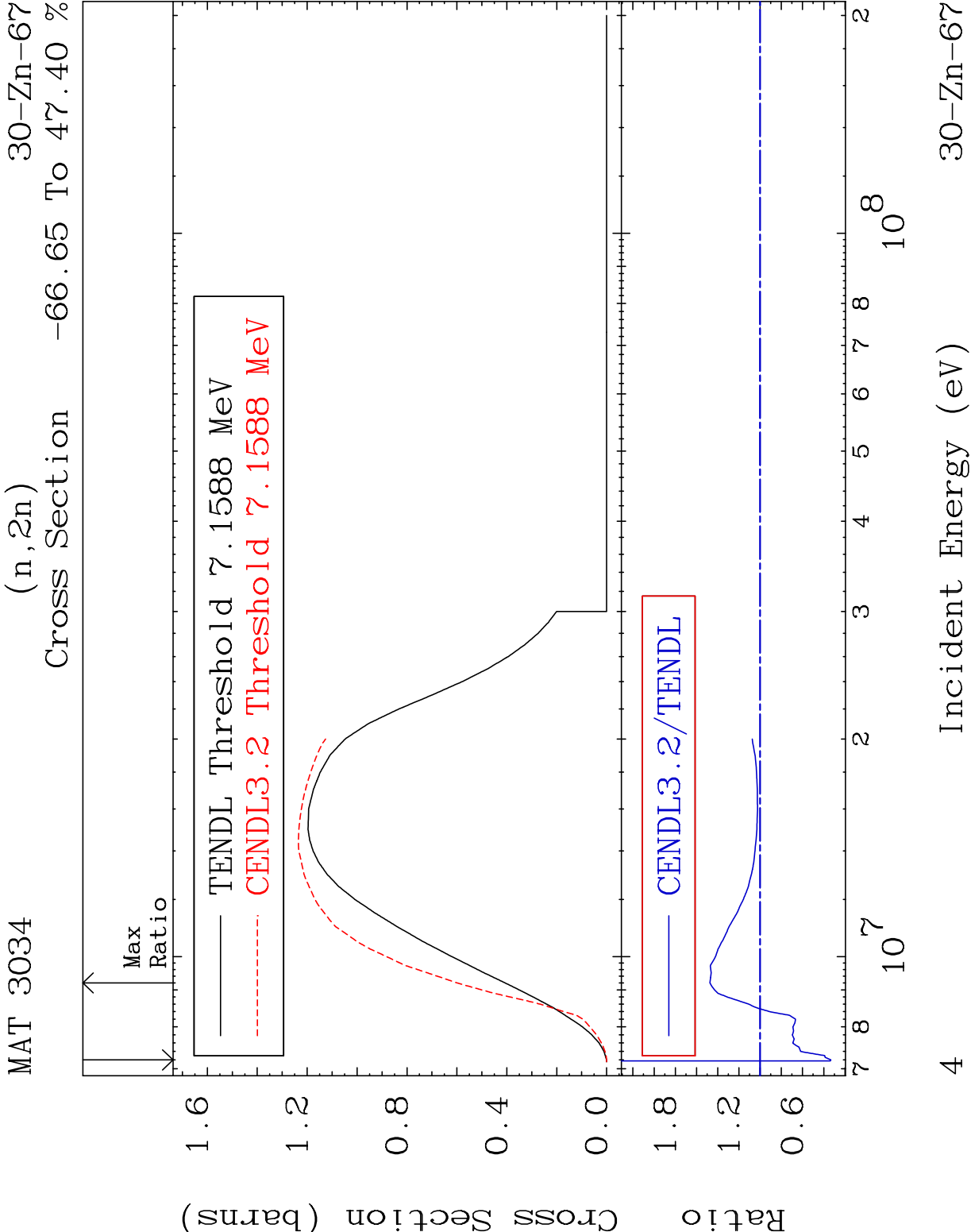
Web: redcullen1.net/HOMEPAGE.NEW

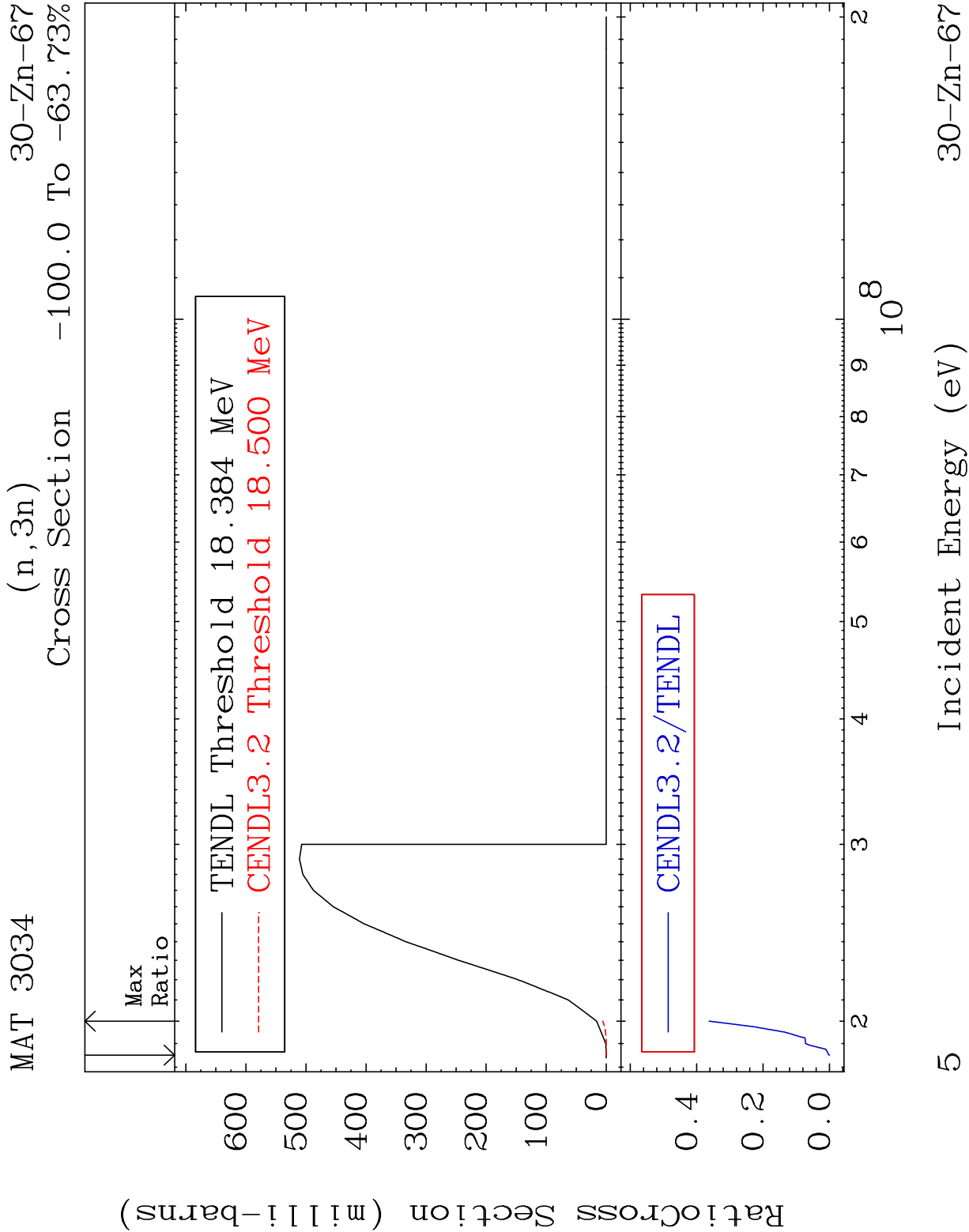
Press Mouse Button to Start

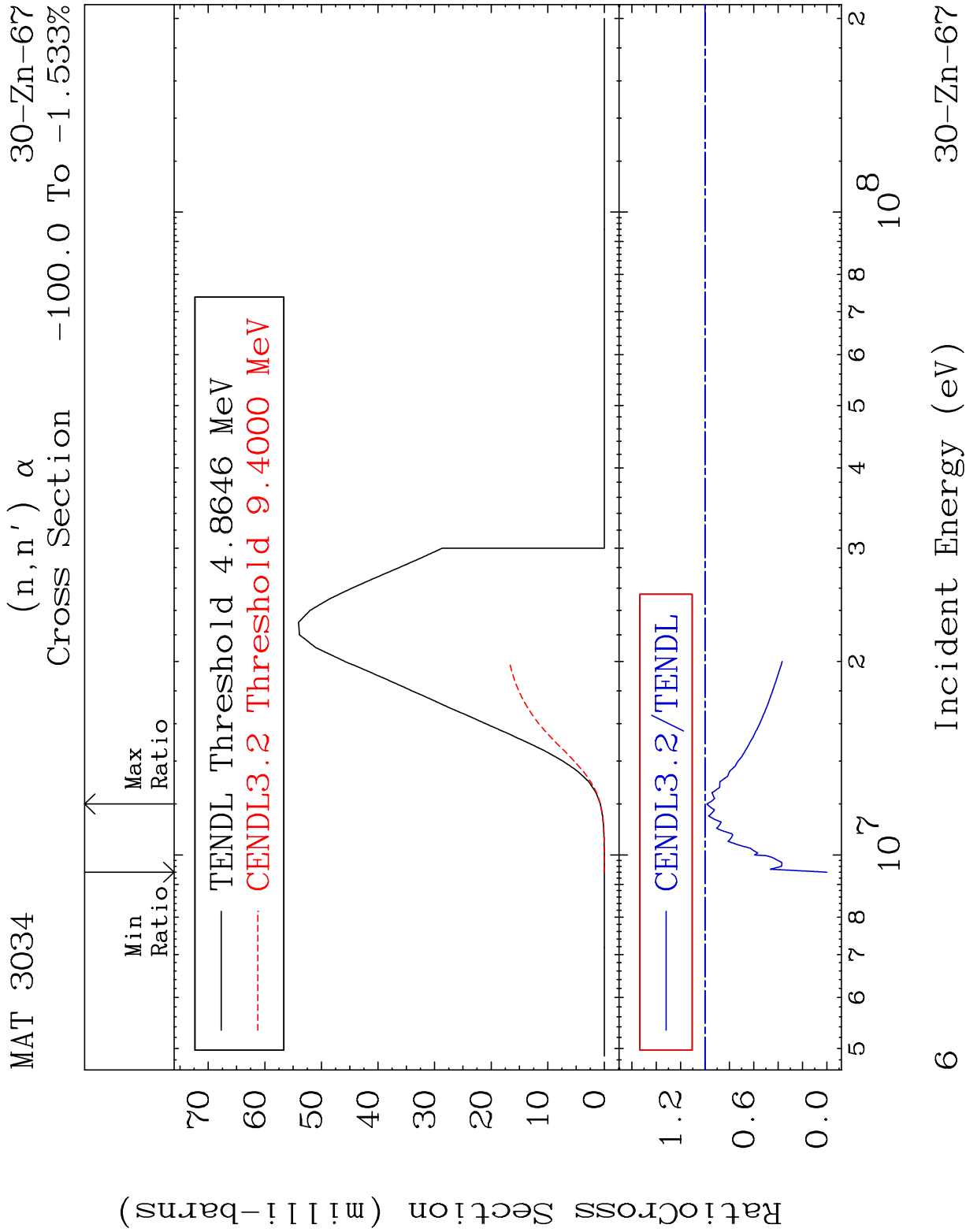


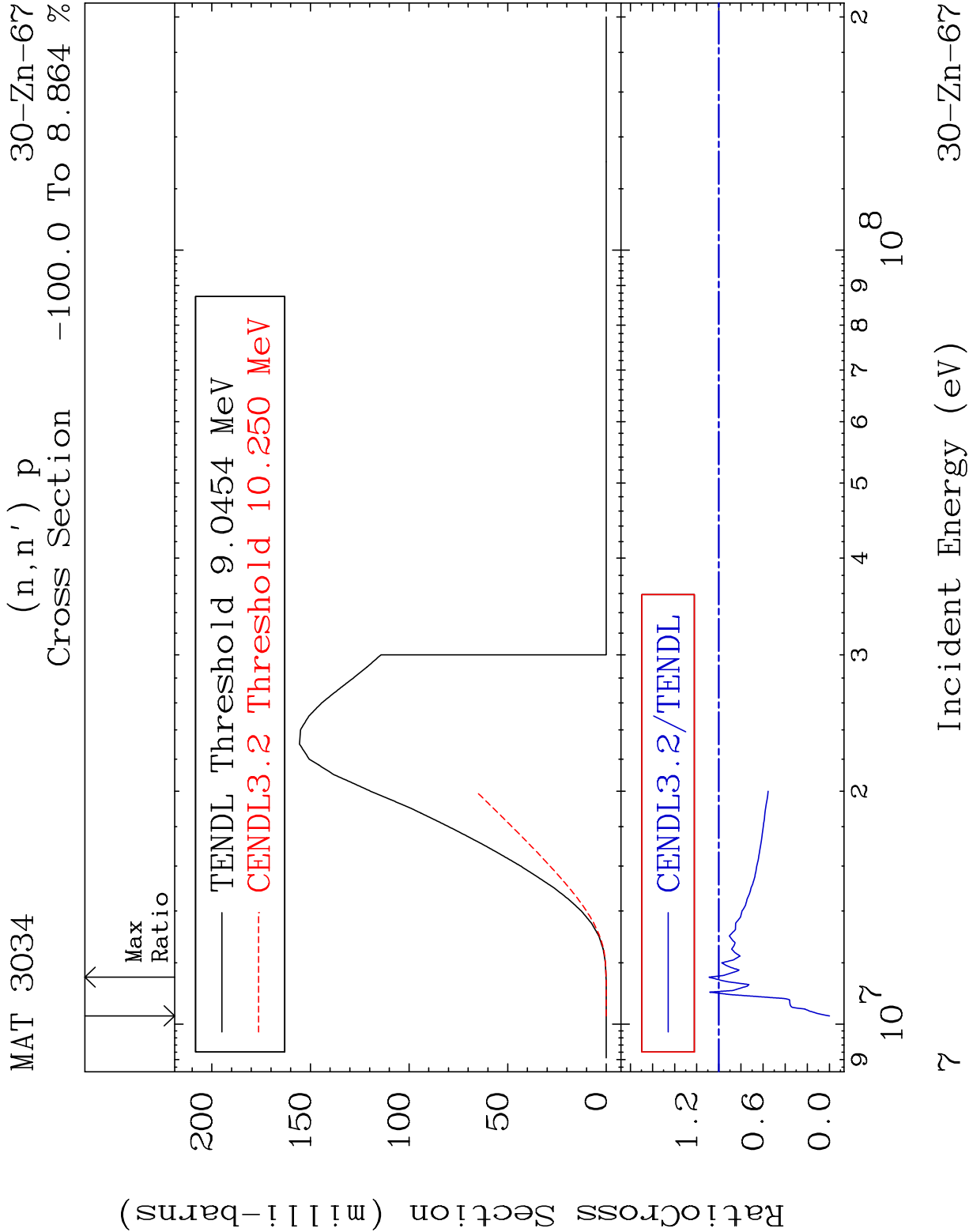










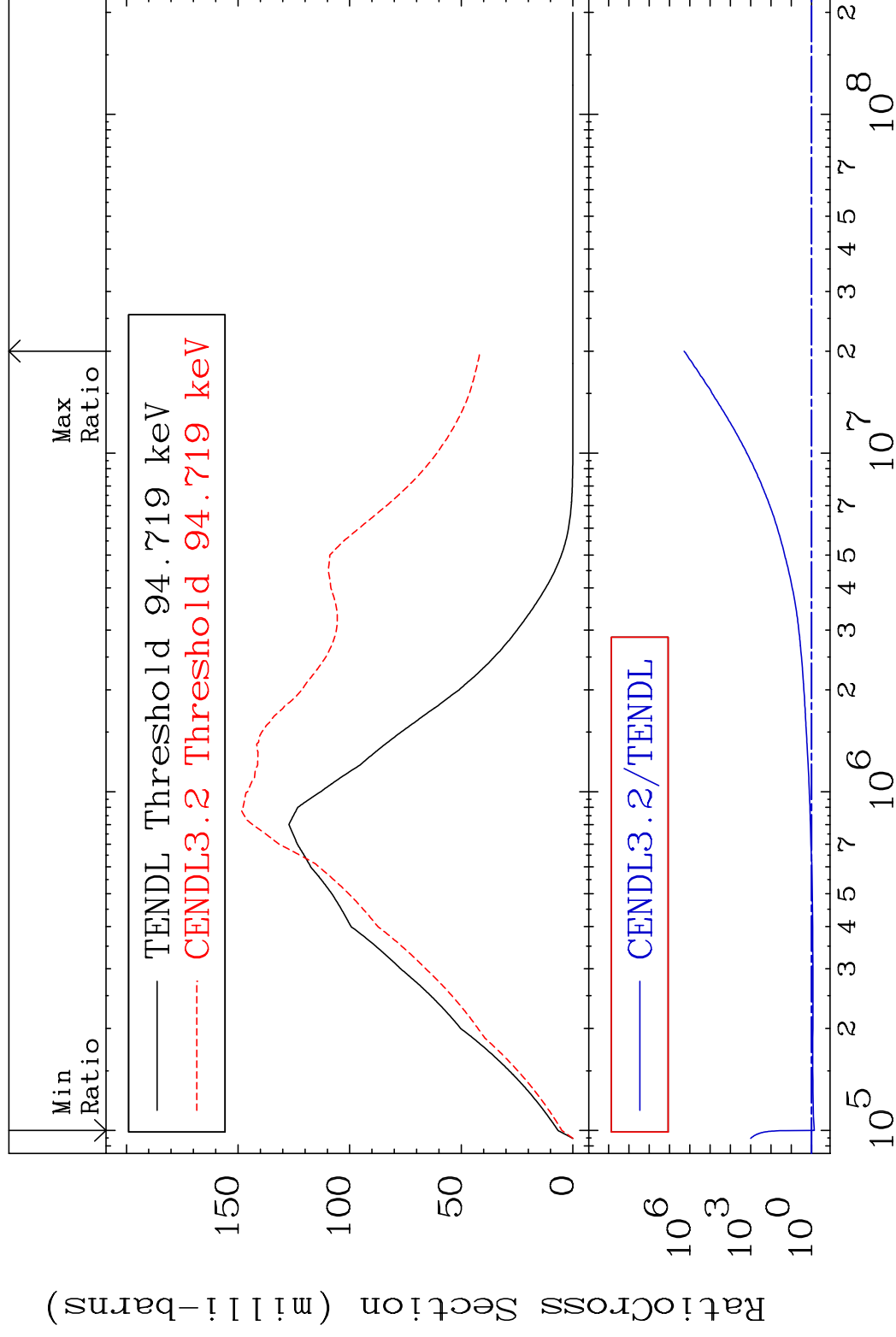


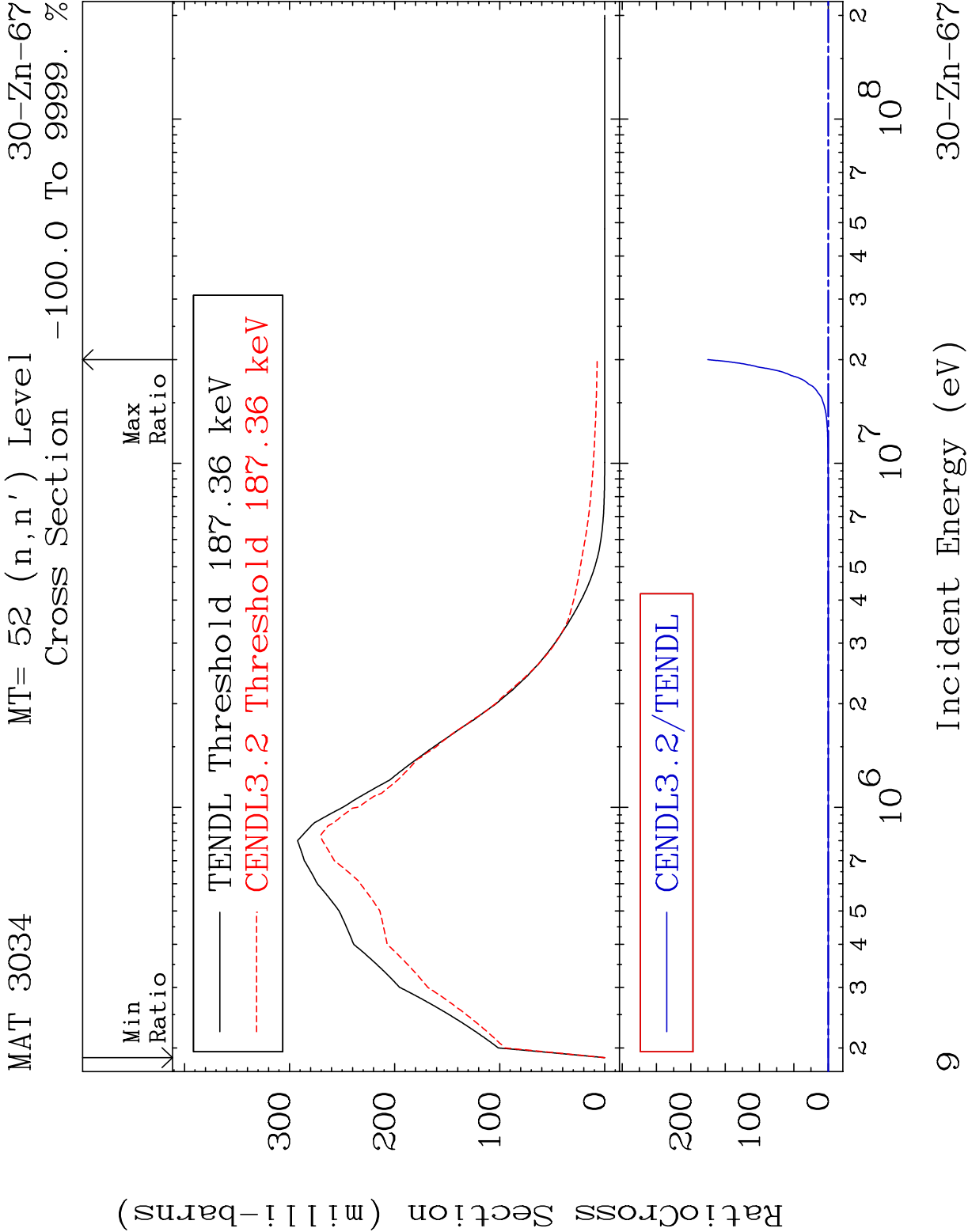
MAT 3034

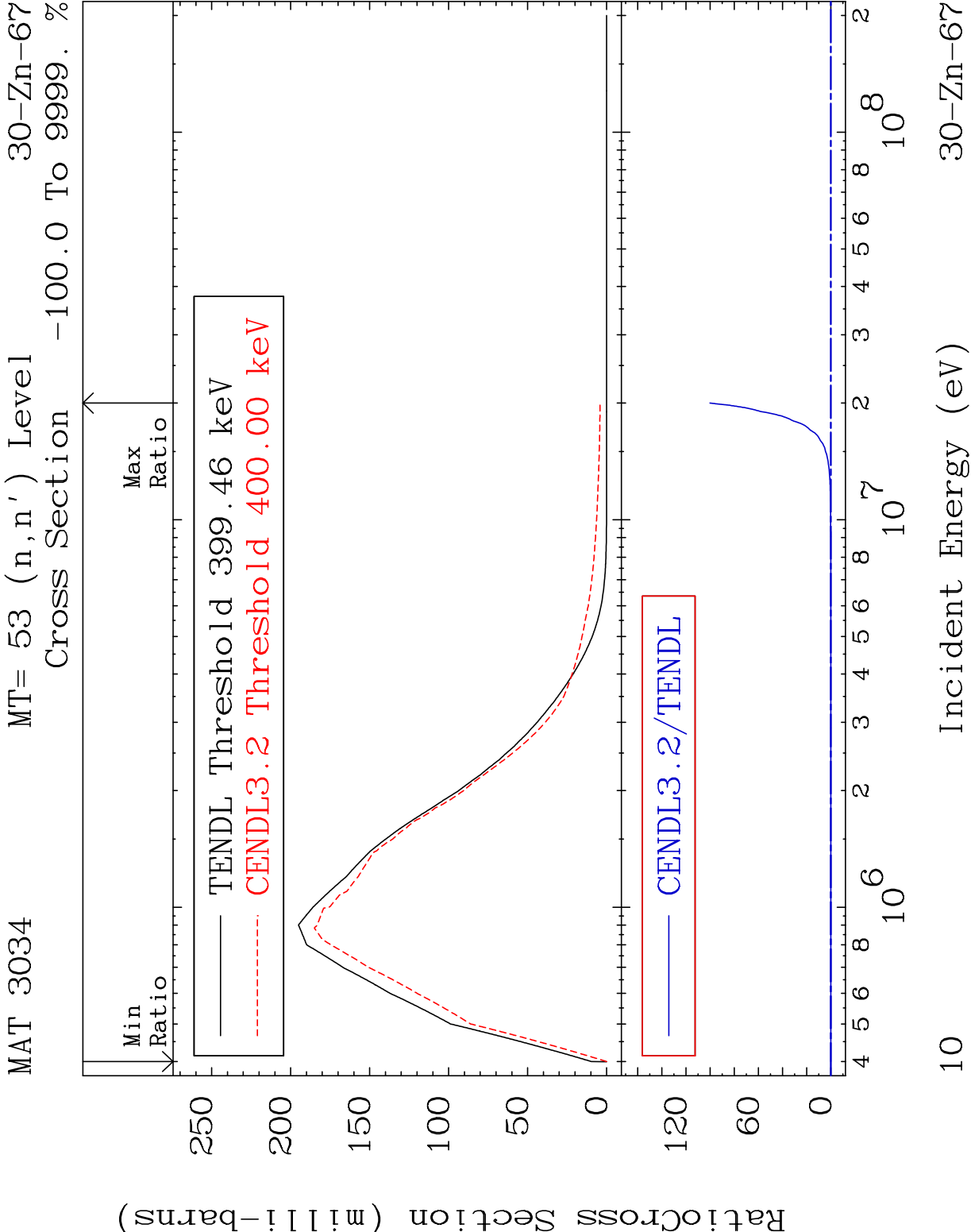
MT= 51 (n, n') Level

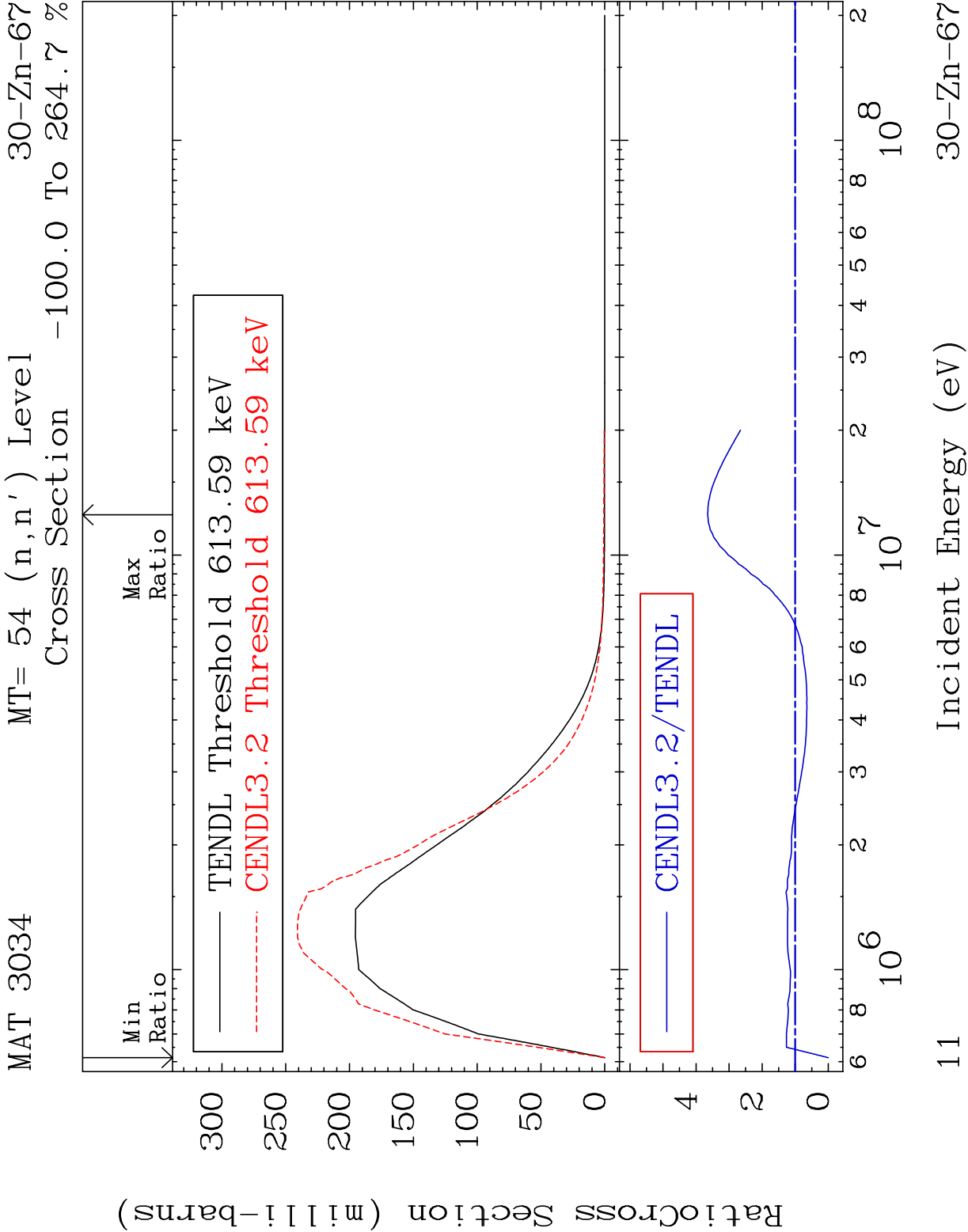
30-Zn-67

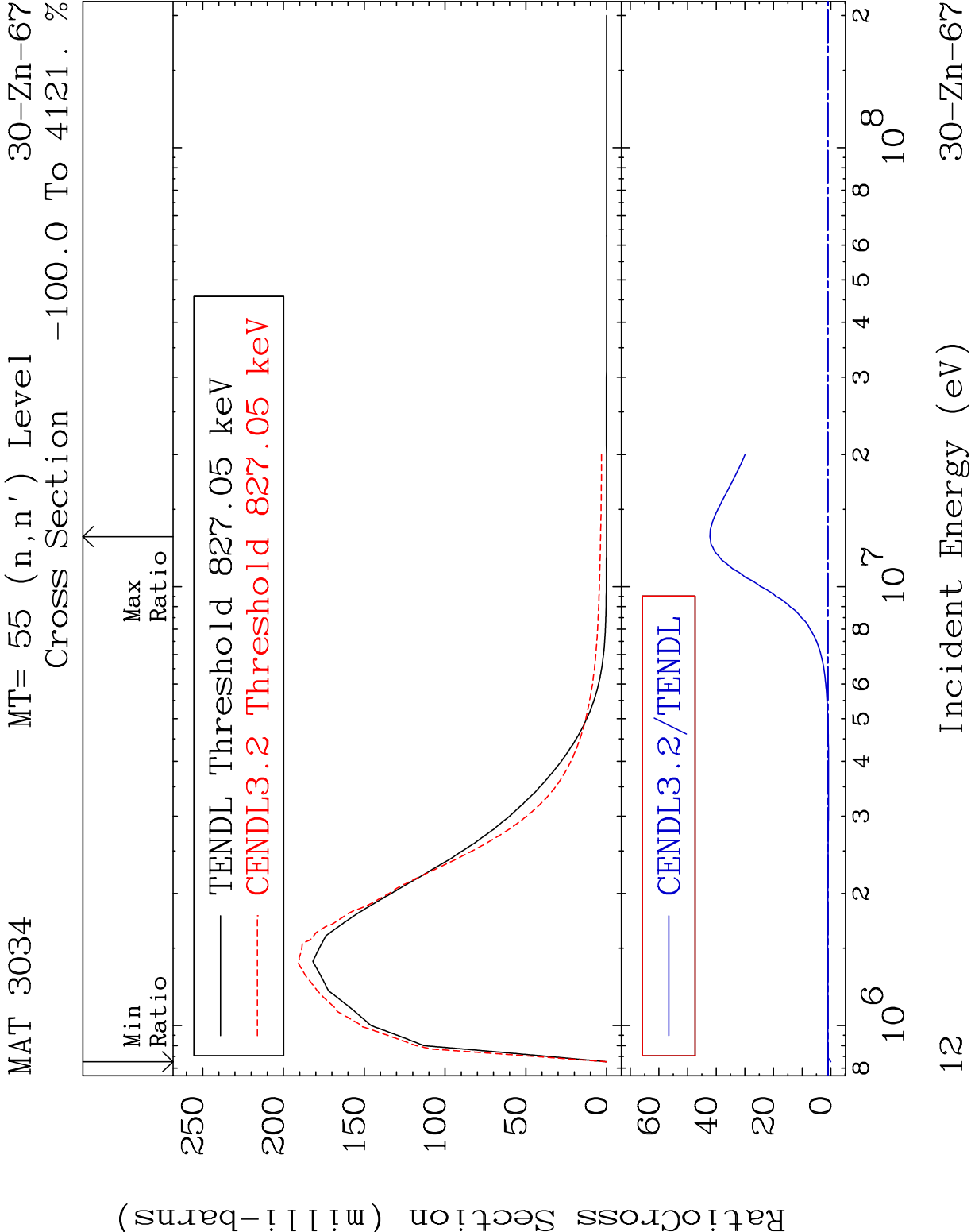
Cross Section -26.50 To 9999. %

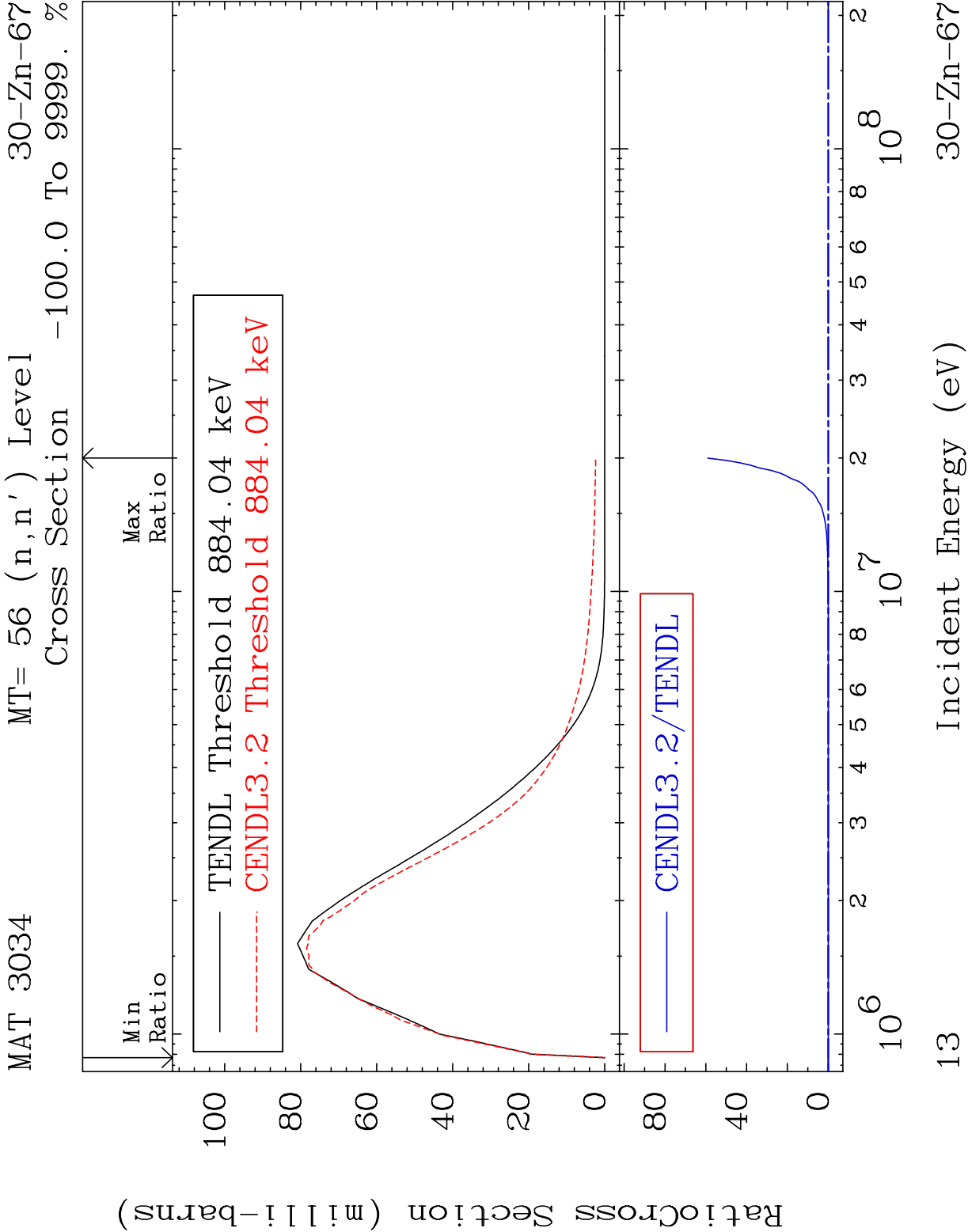


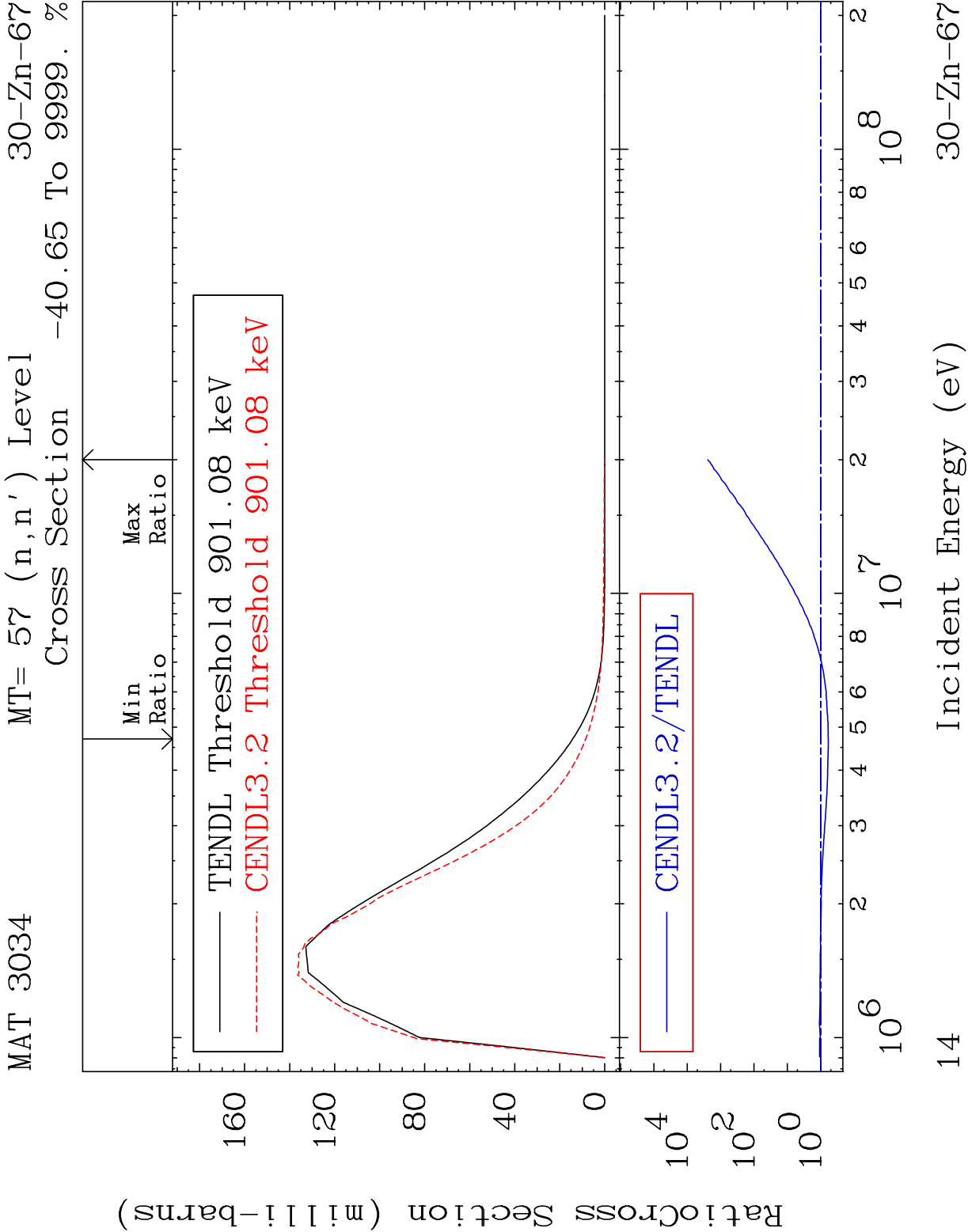


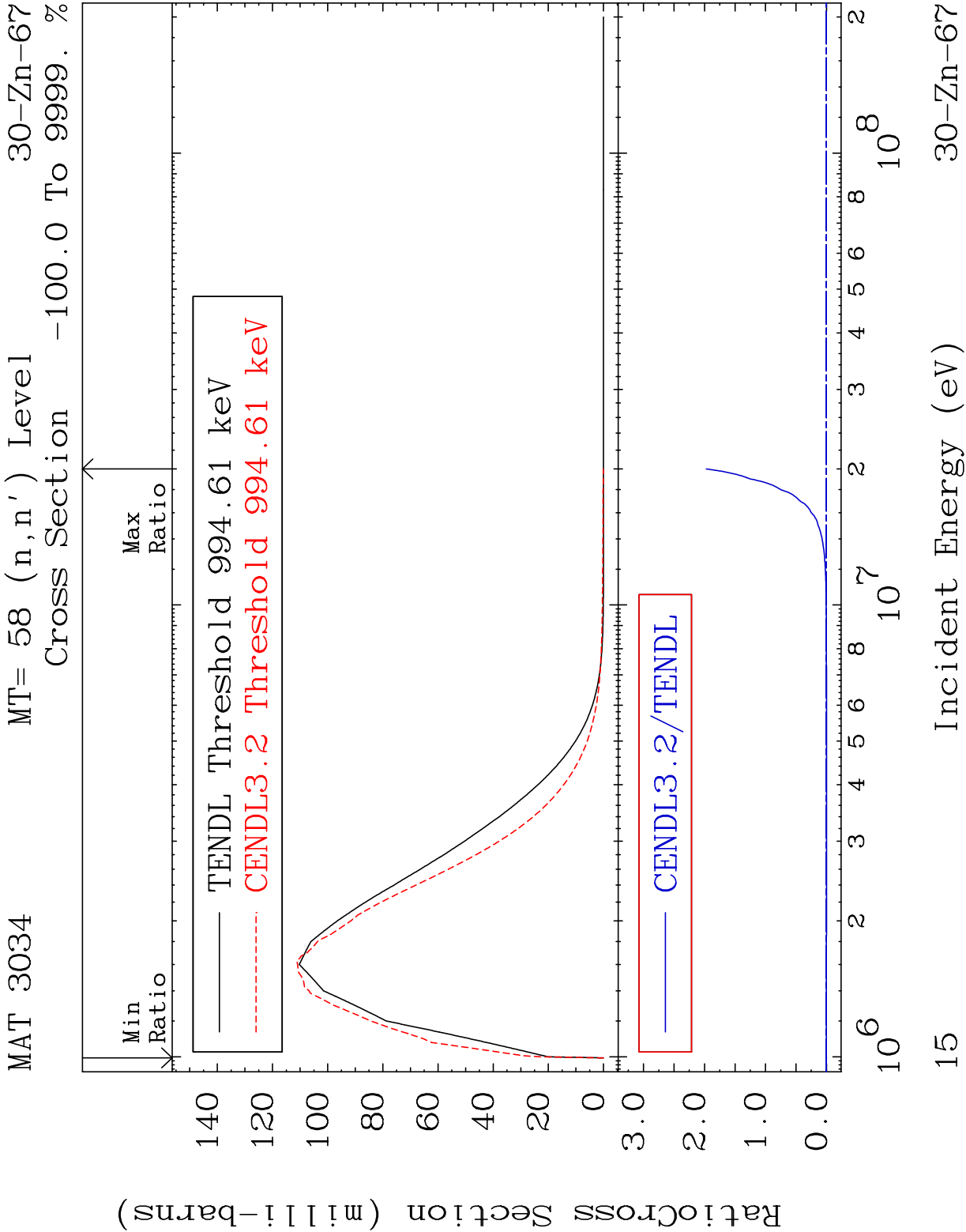


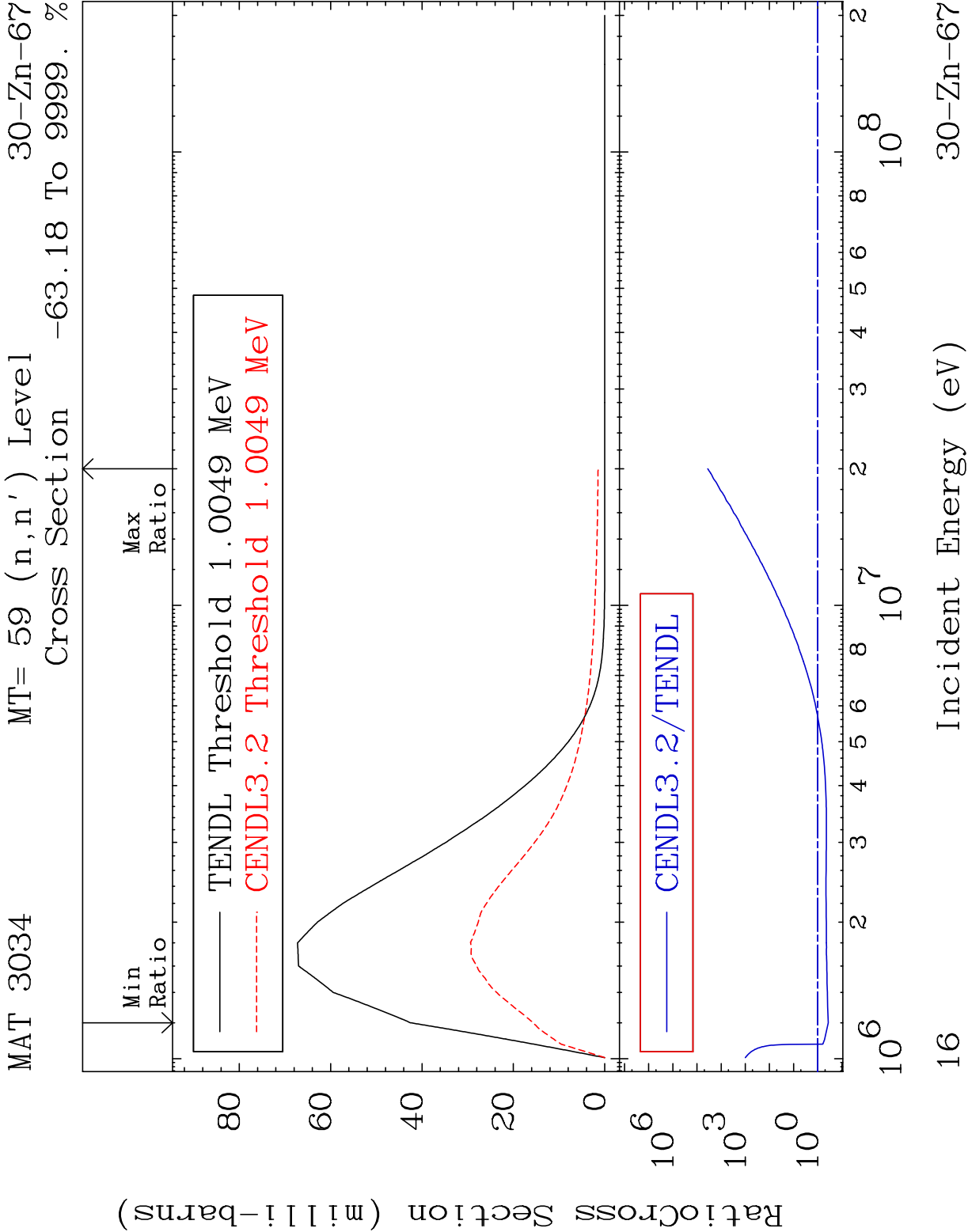


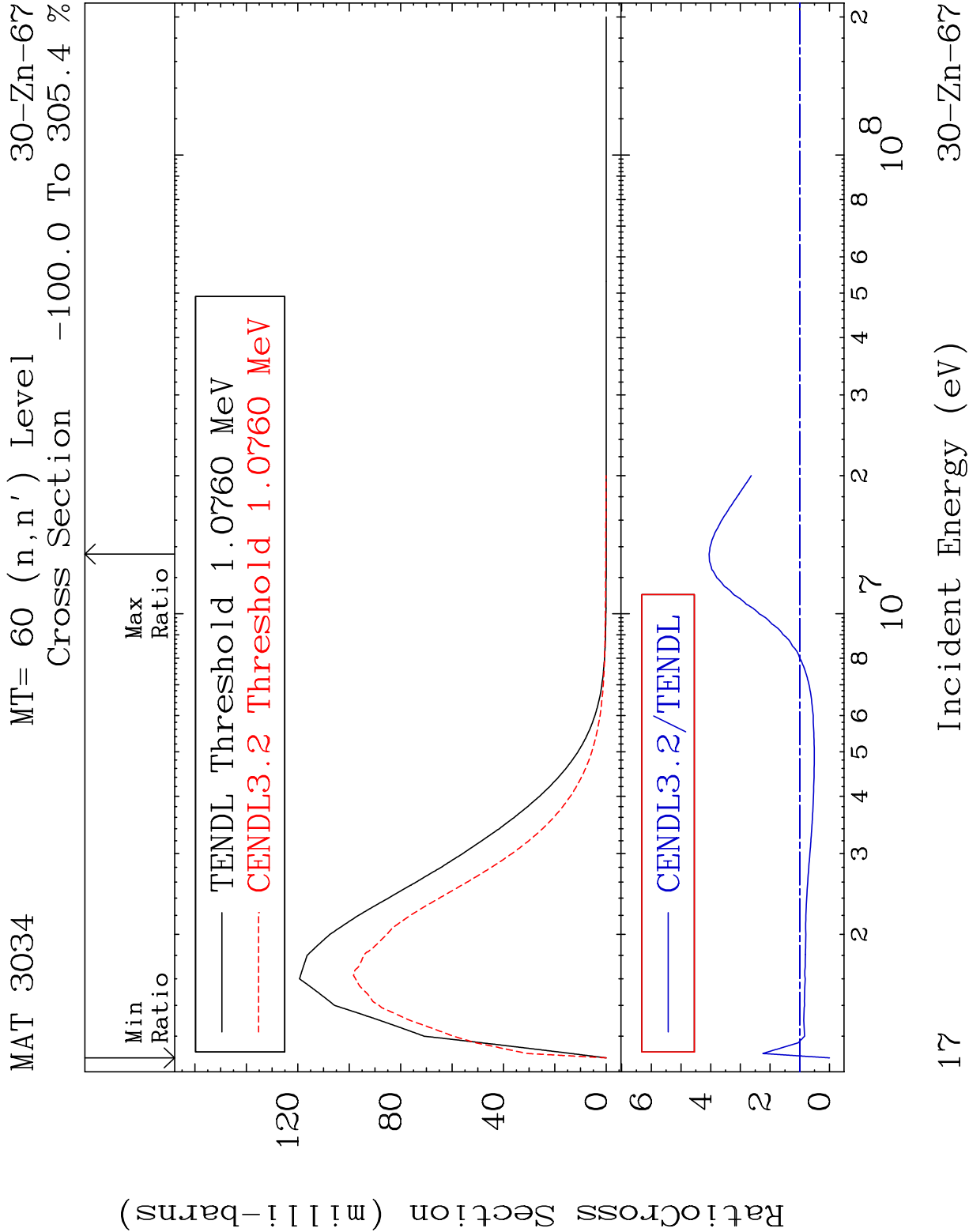


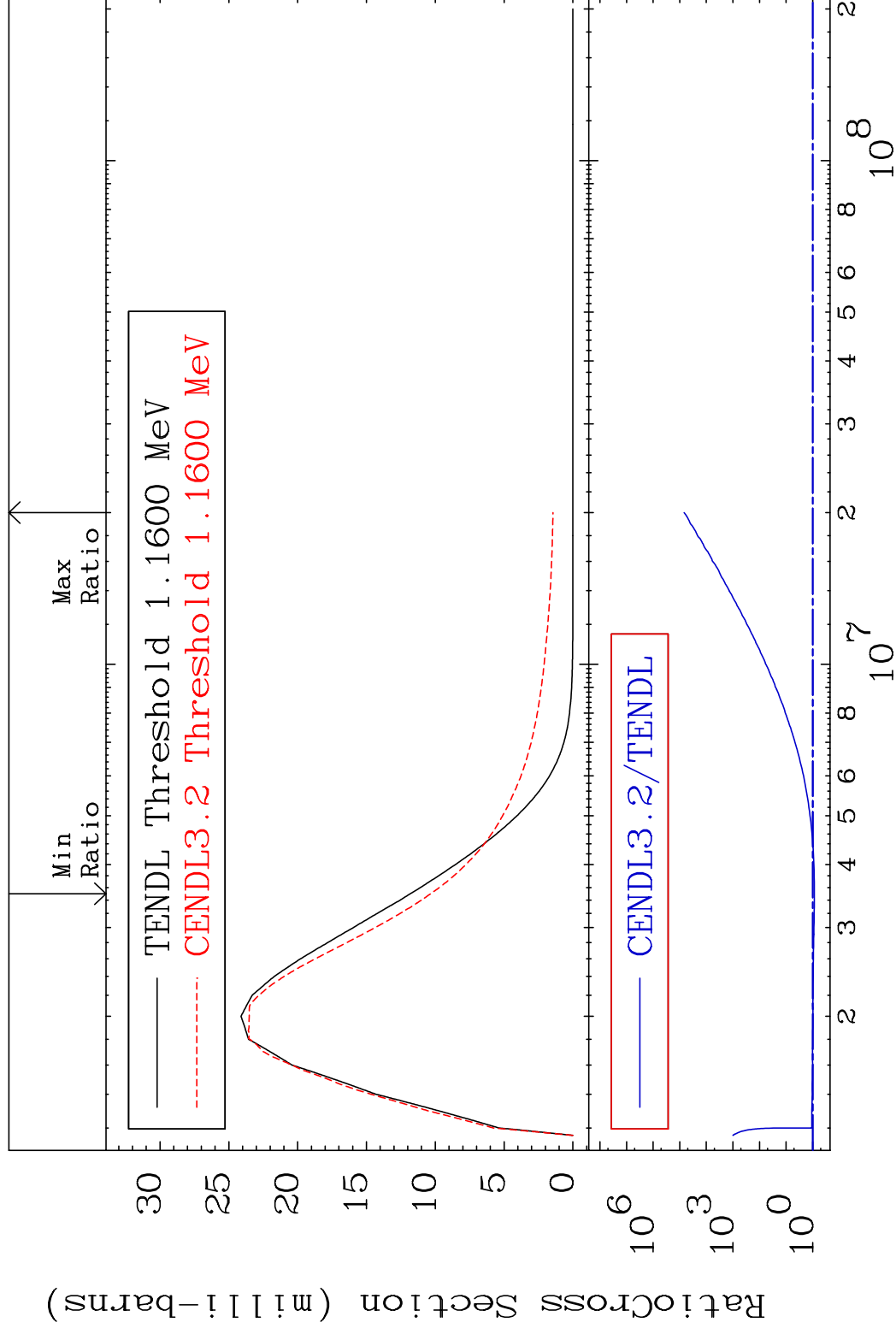


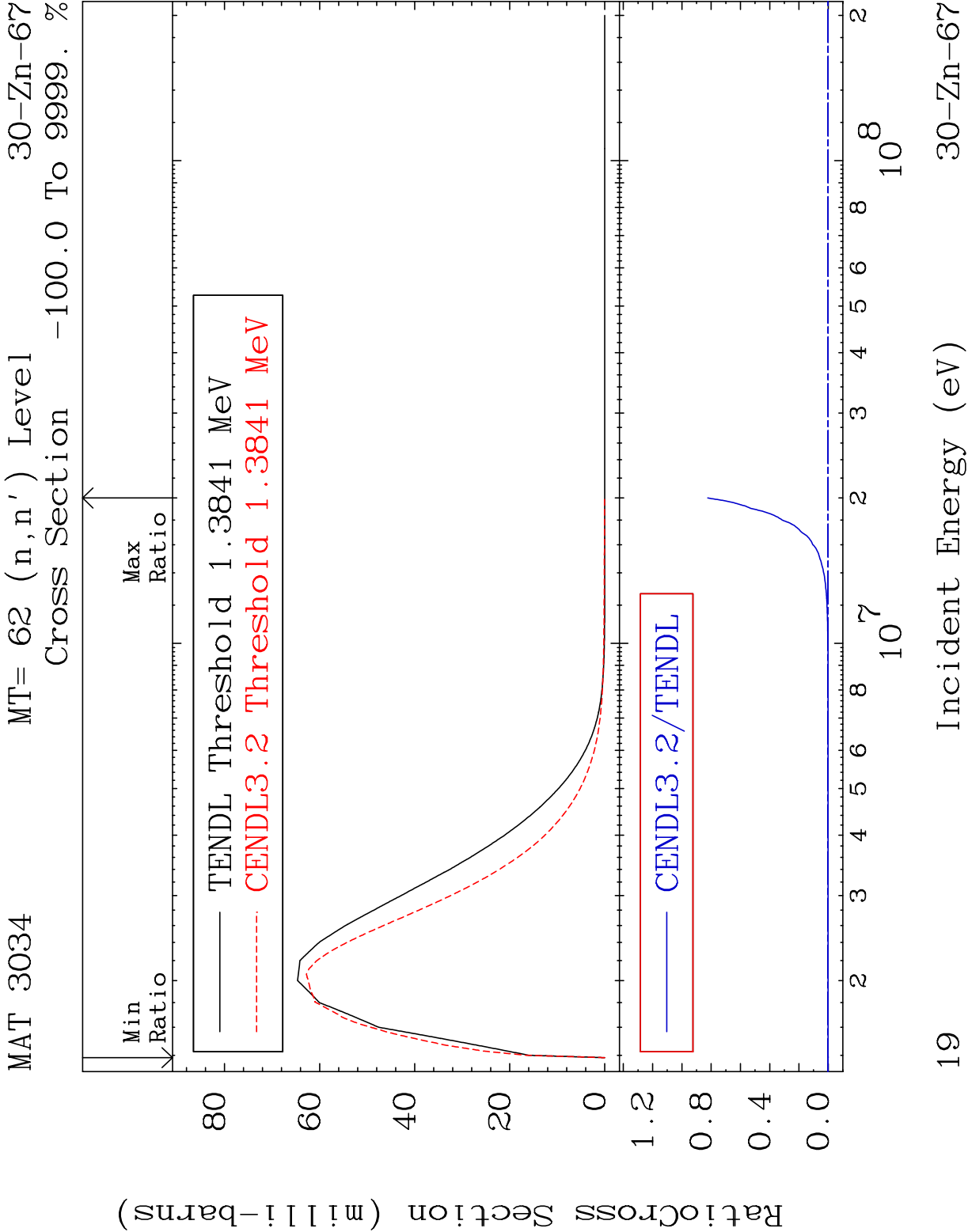




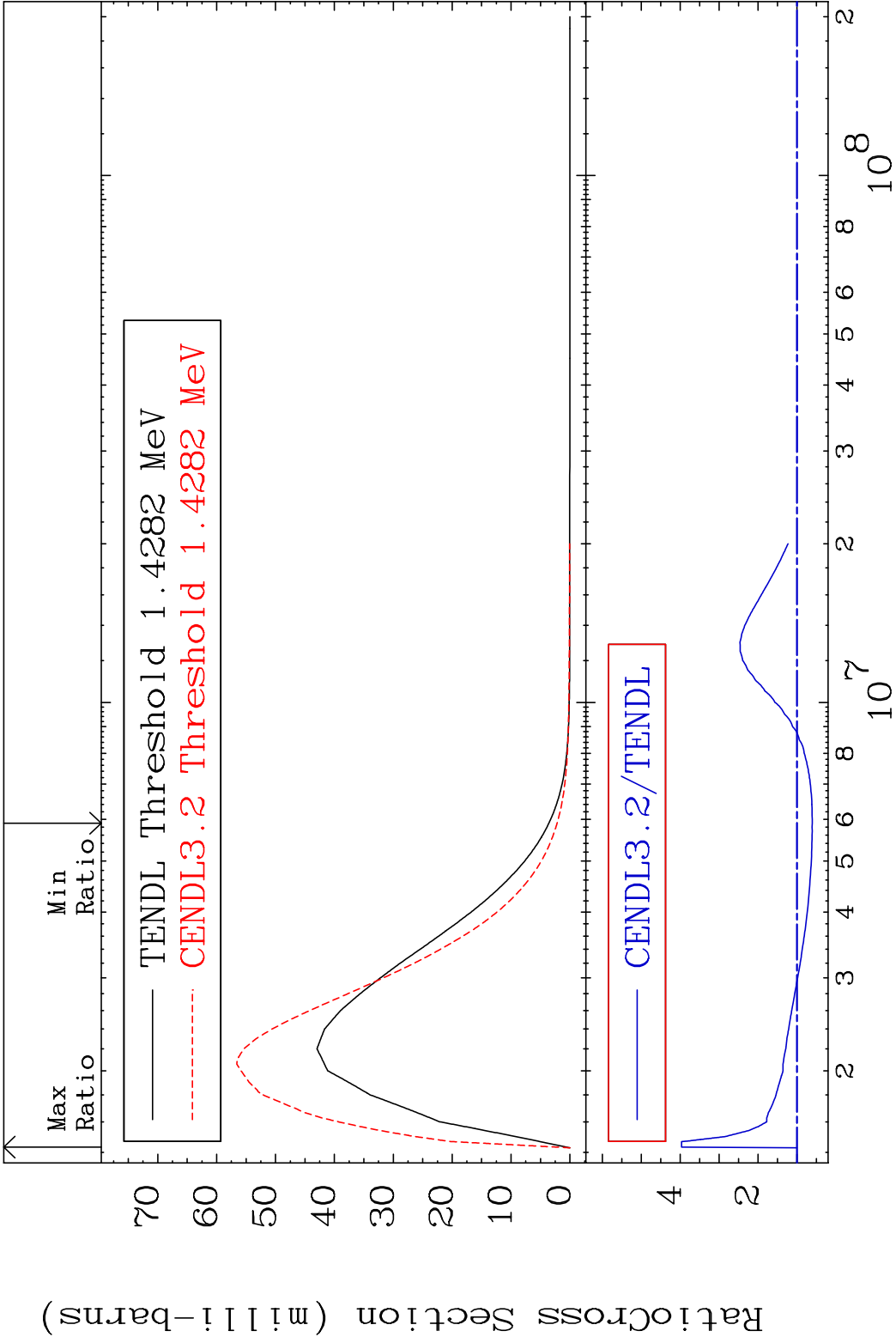


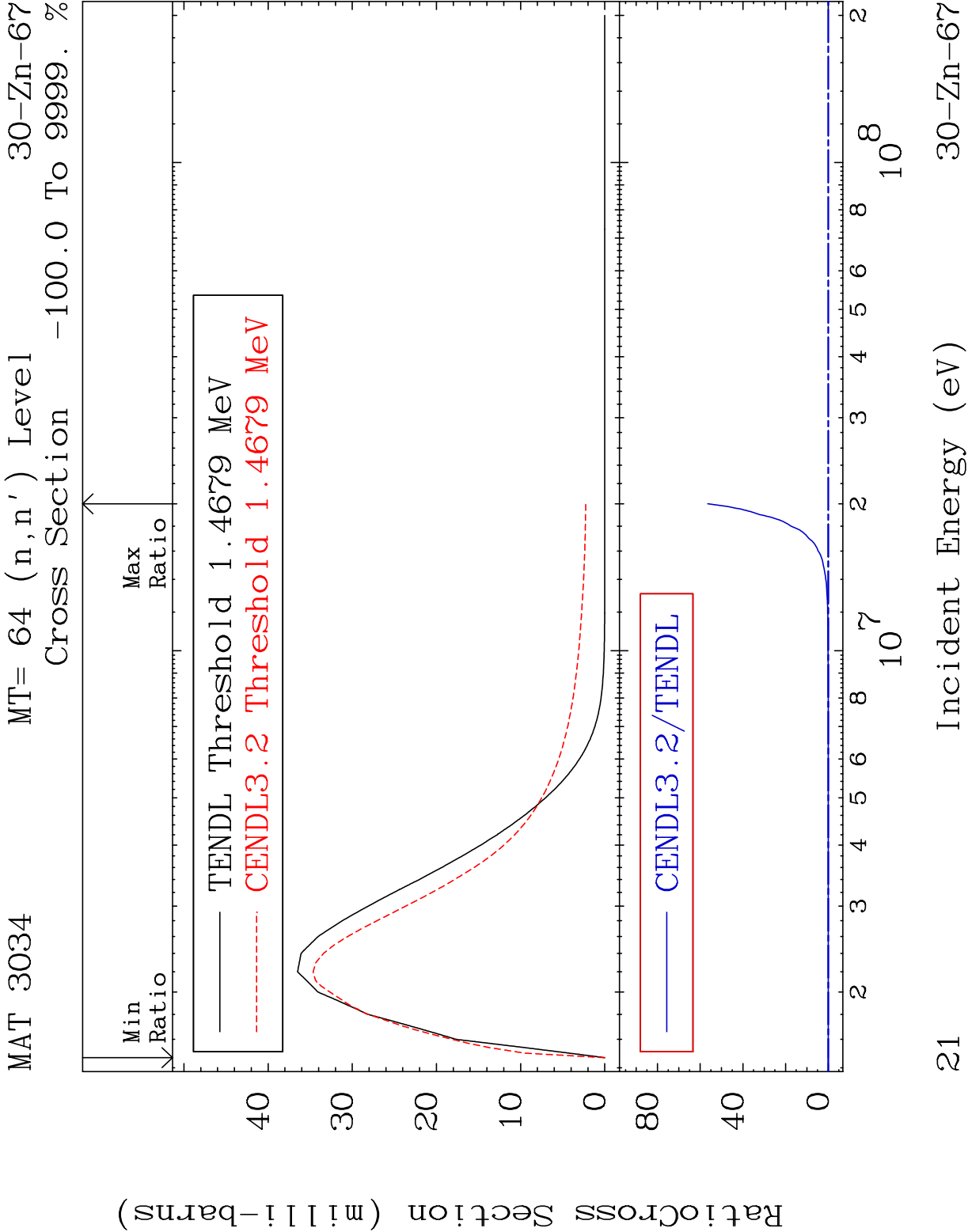


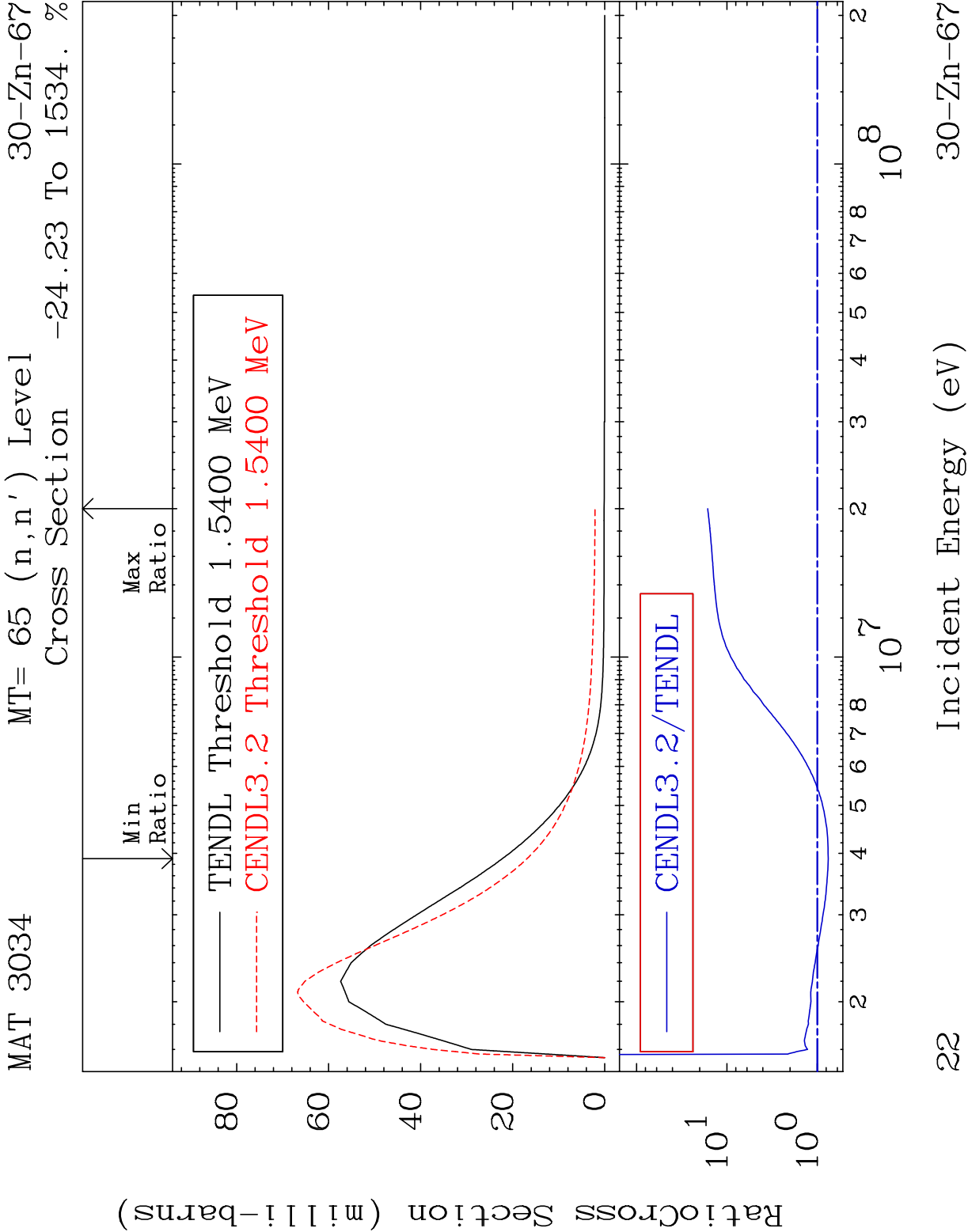


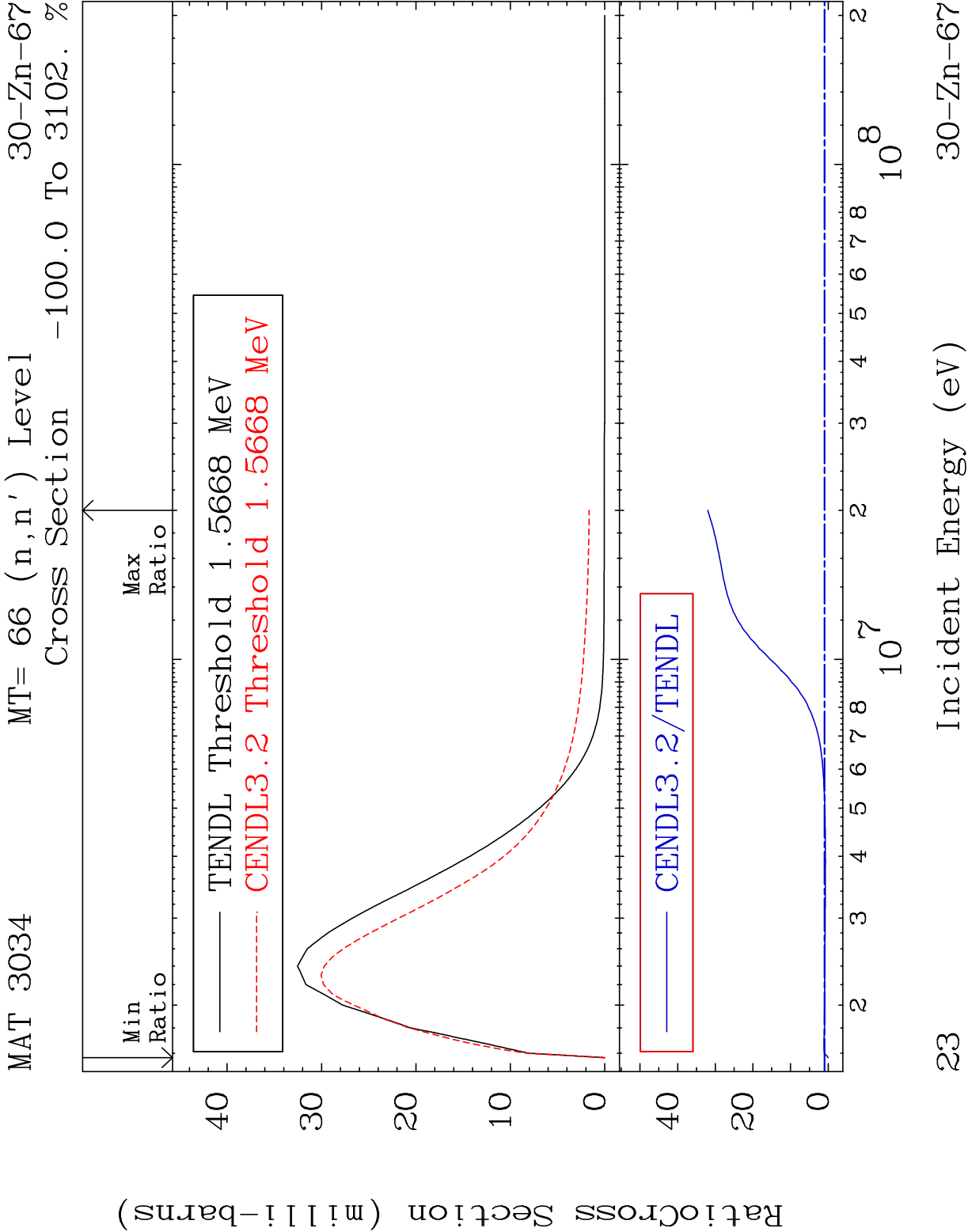


MAT 3034 MT= 63 (n,n') Level 30-Zn-67
Cross Section -39.12 To 296.6 %

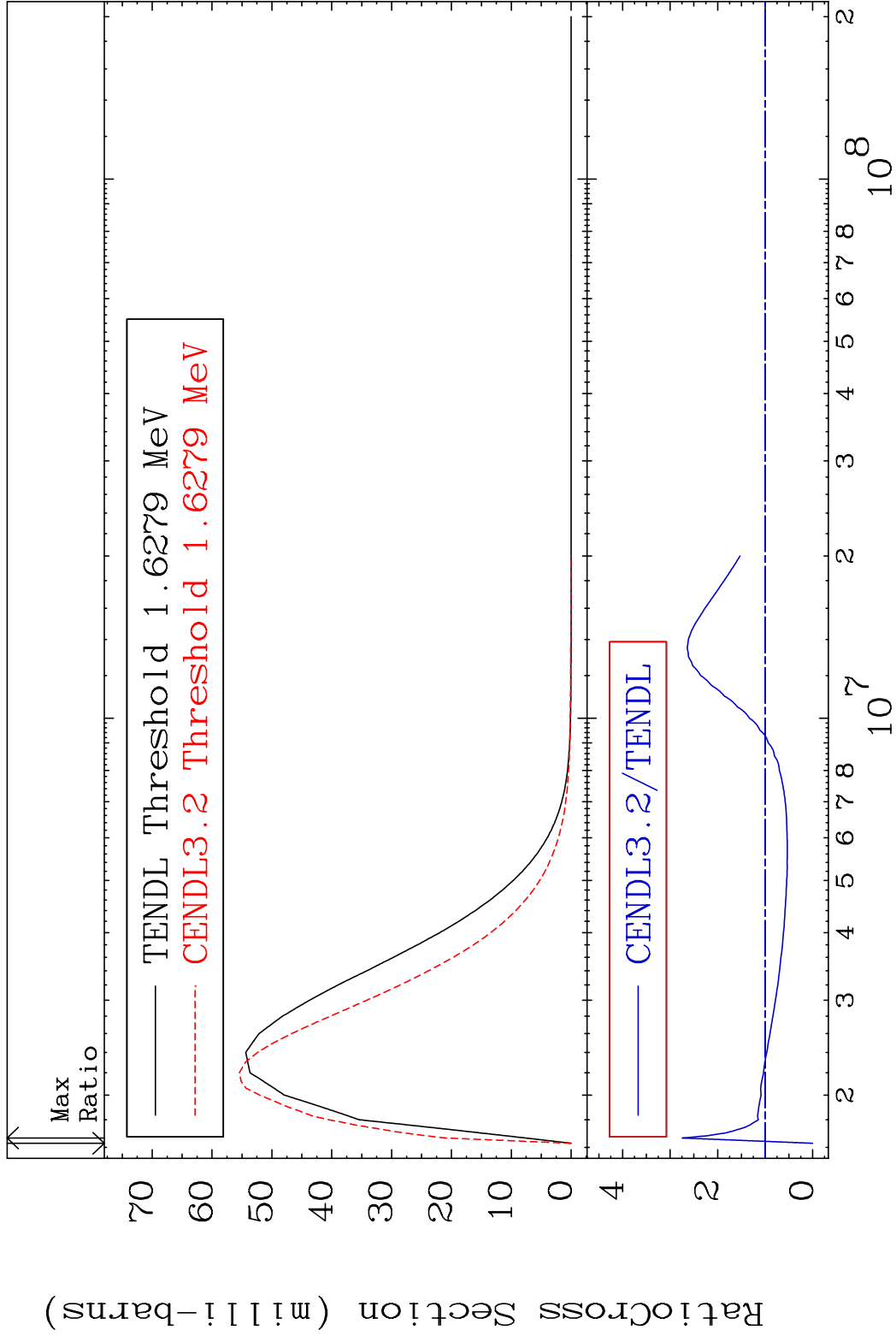




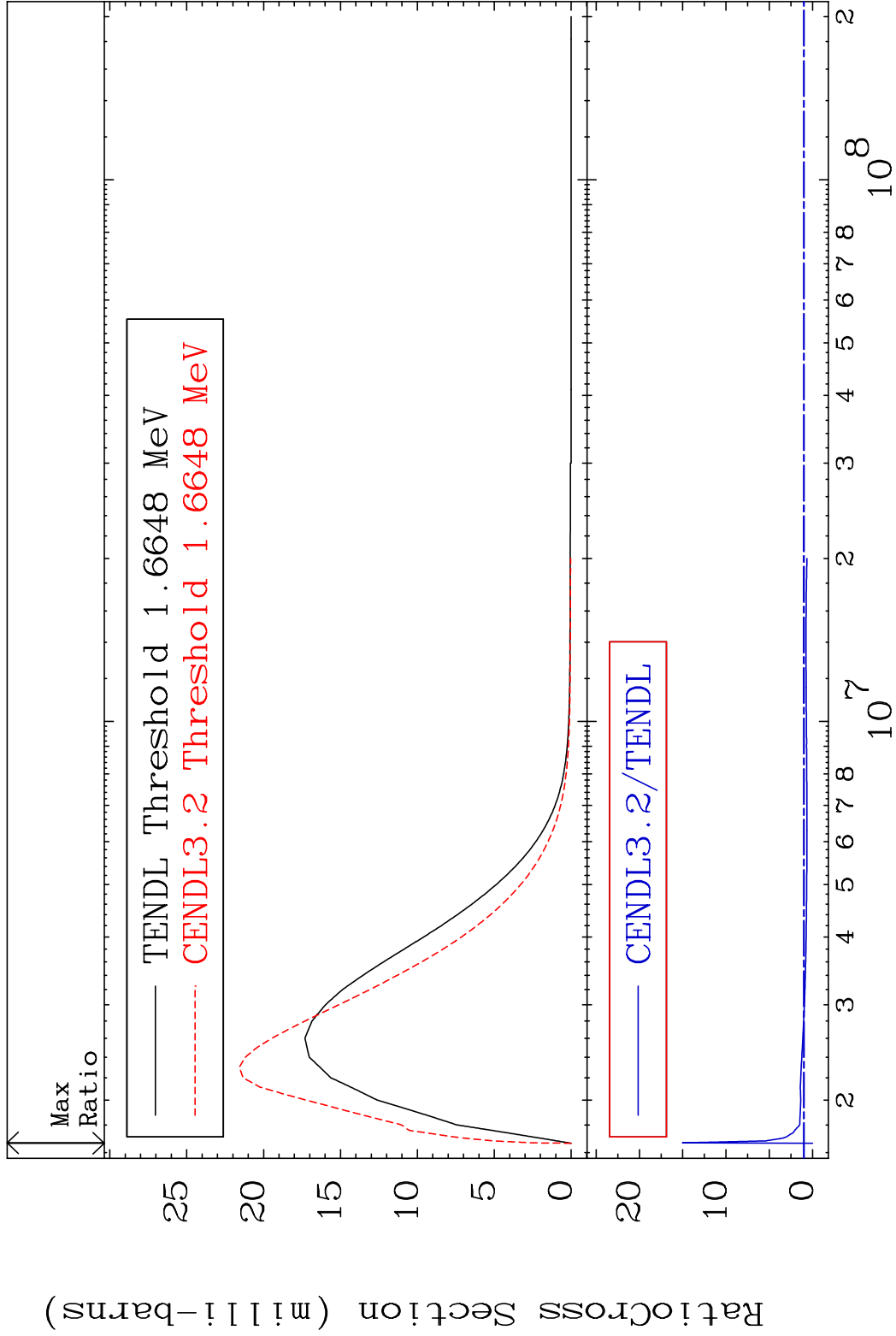


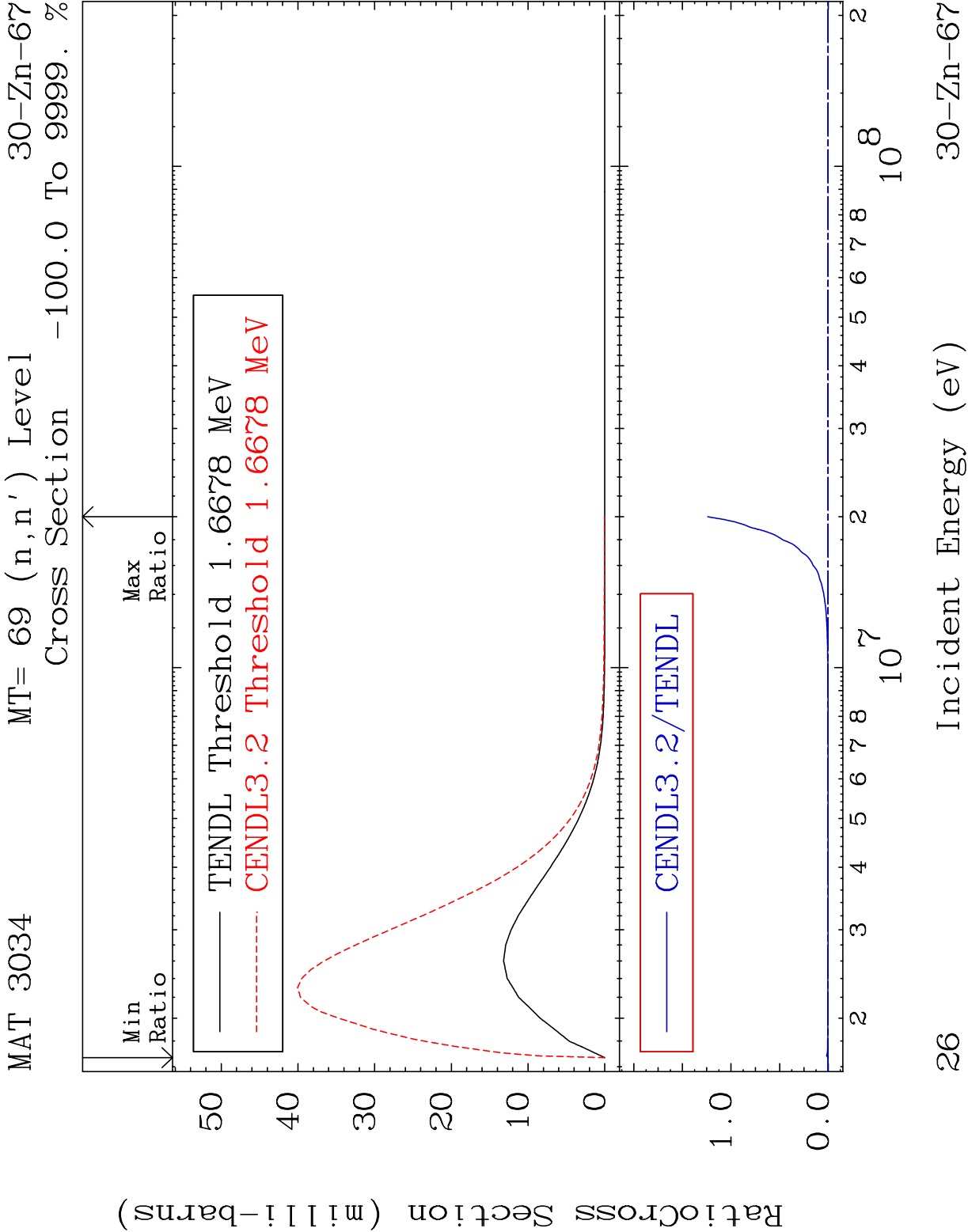


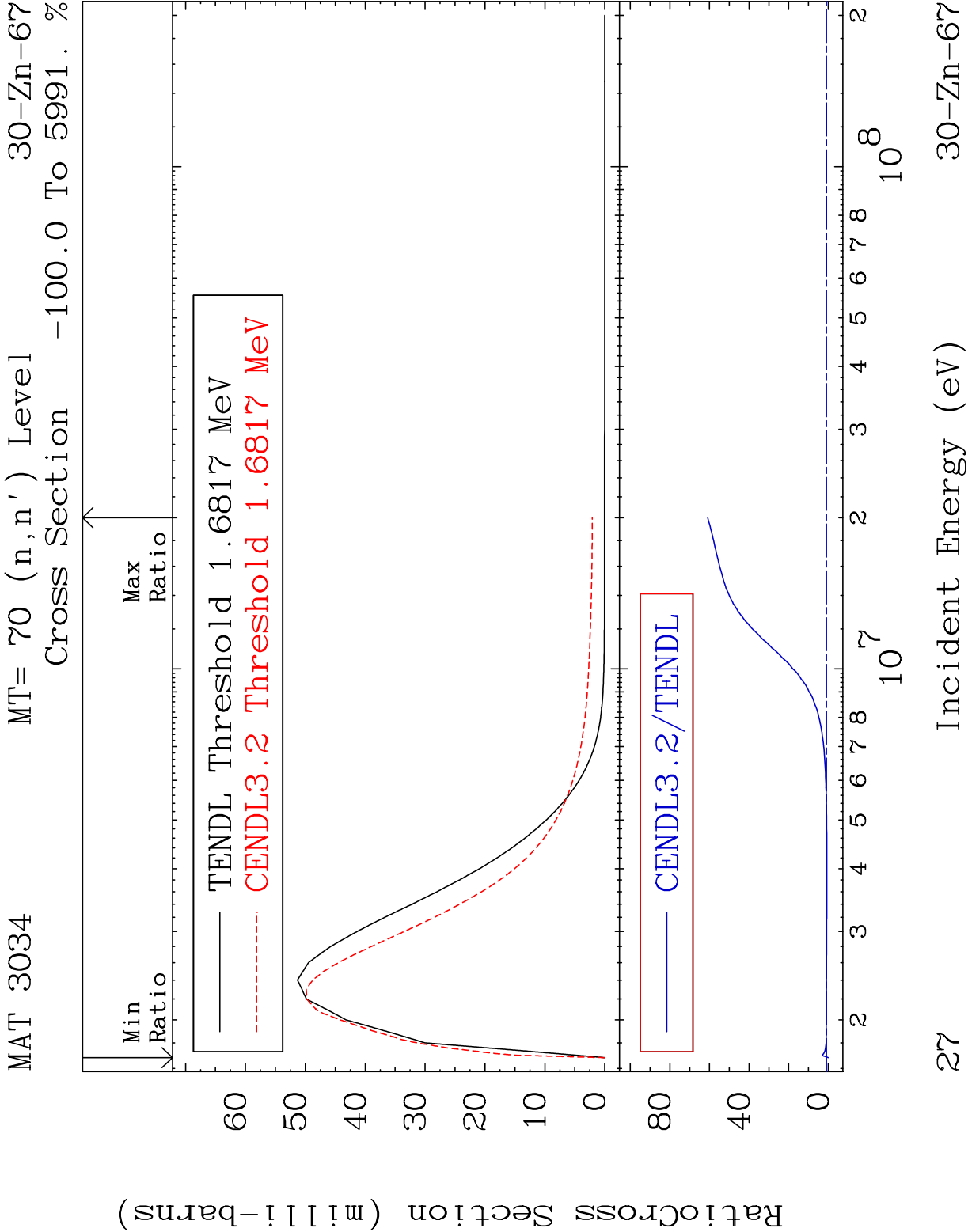
MAT 3034 MT= 67 (n,n') Level 30-Zn-67
Cross Section -100.0 To 174.3 %



MAT 3034 MT= 68 (n,n') Level 30-Zn-67
Cross Section -100.0 To 1404. %





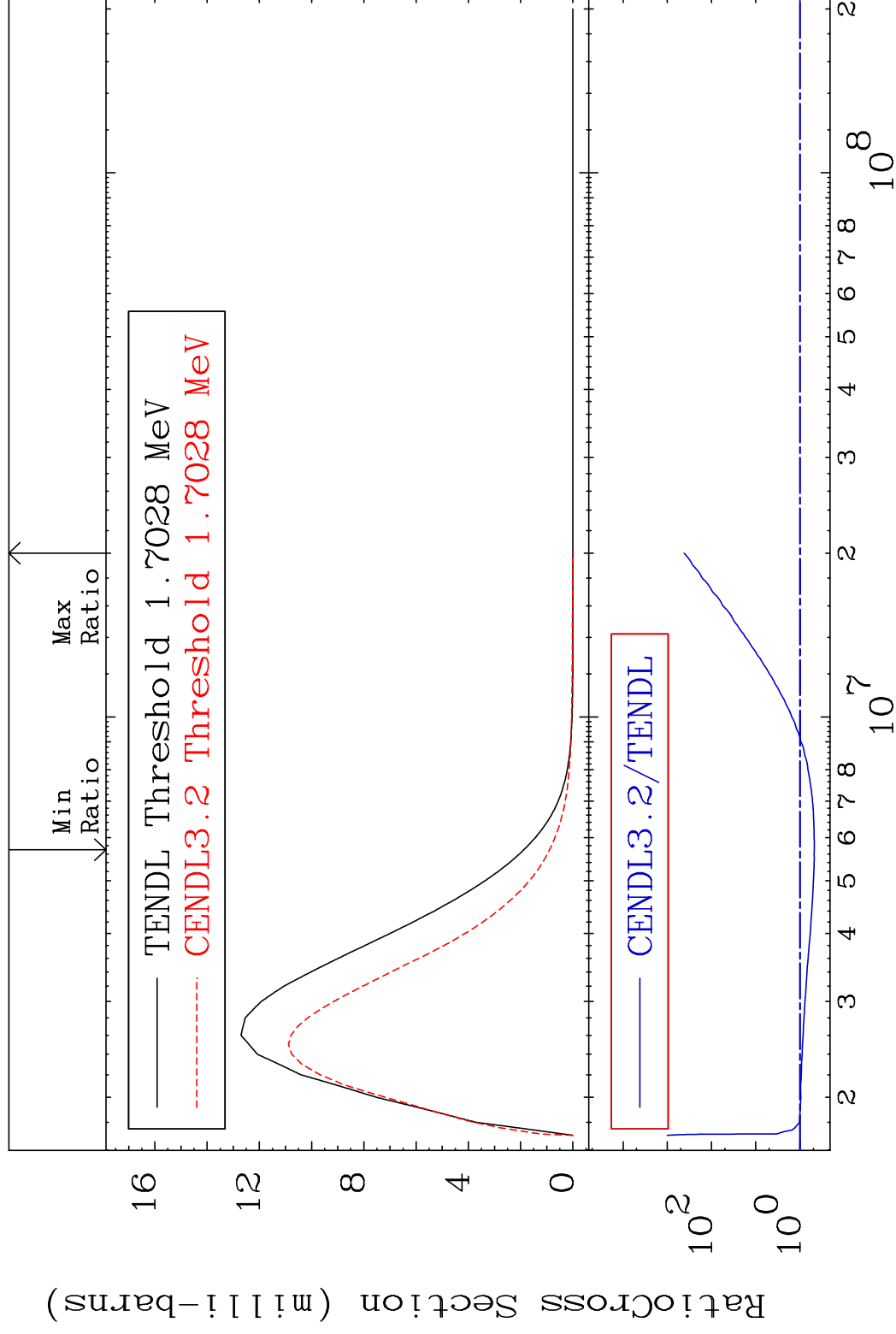


MAT 3034

MT= 71 (n, n') Level

30-Zn-67

Cross Section -52.46 To 9999. %



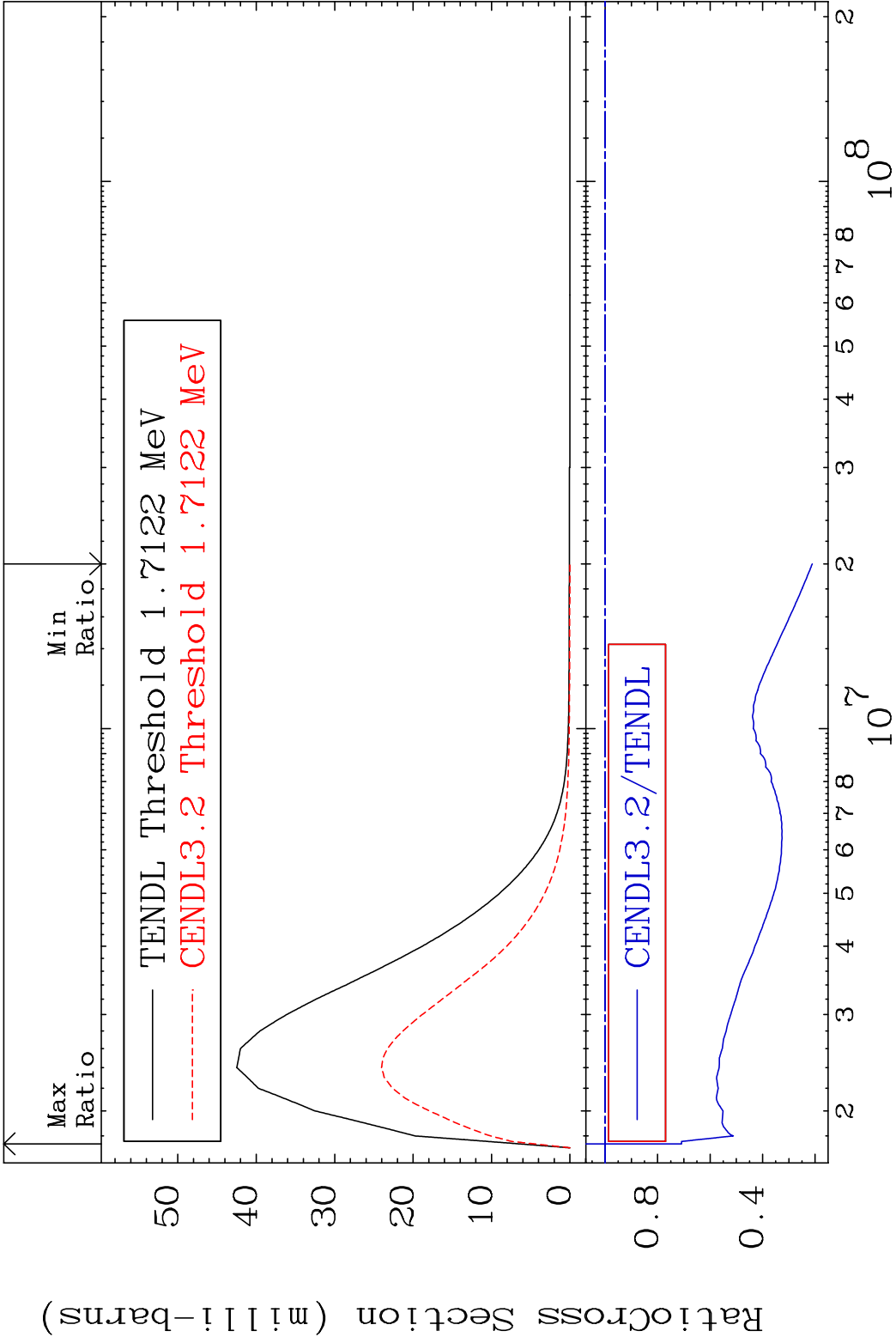
MAT 3034

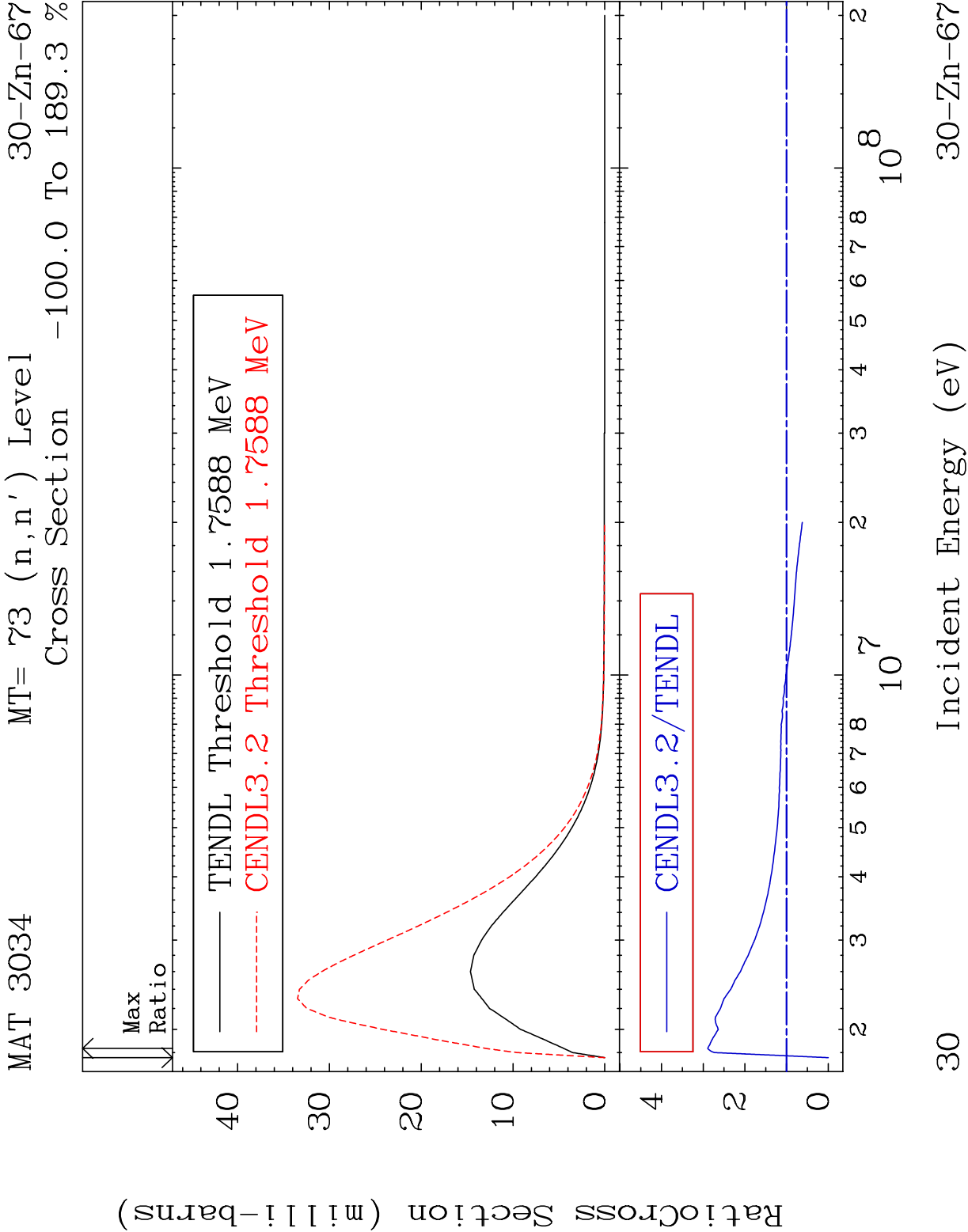
MT= 72 (n,n') Level

30-Zn-67

Cross Section

-78.92 To -29.12%





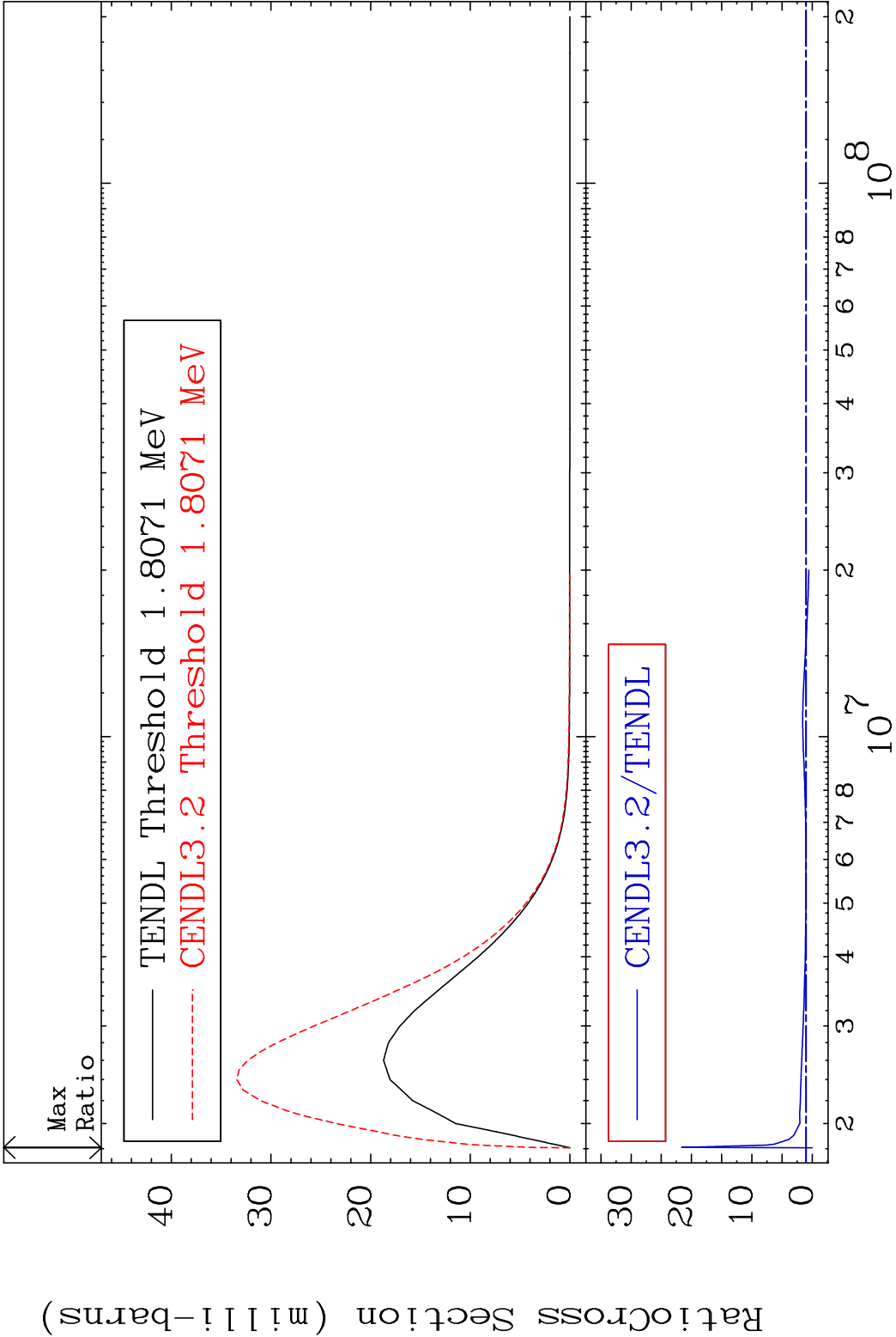
MAT 3034

MT= 74 (n,n') Level

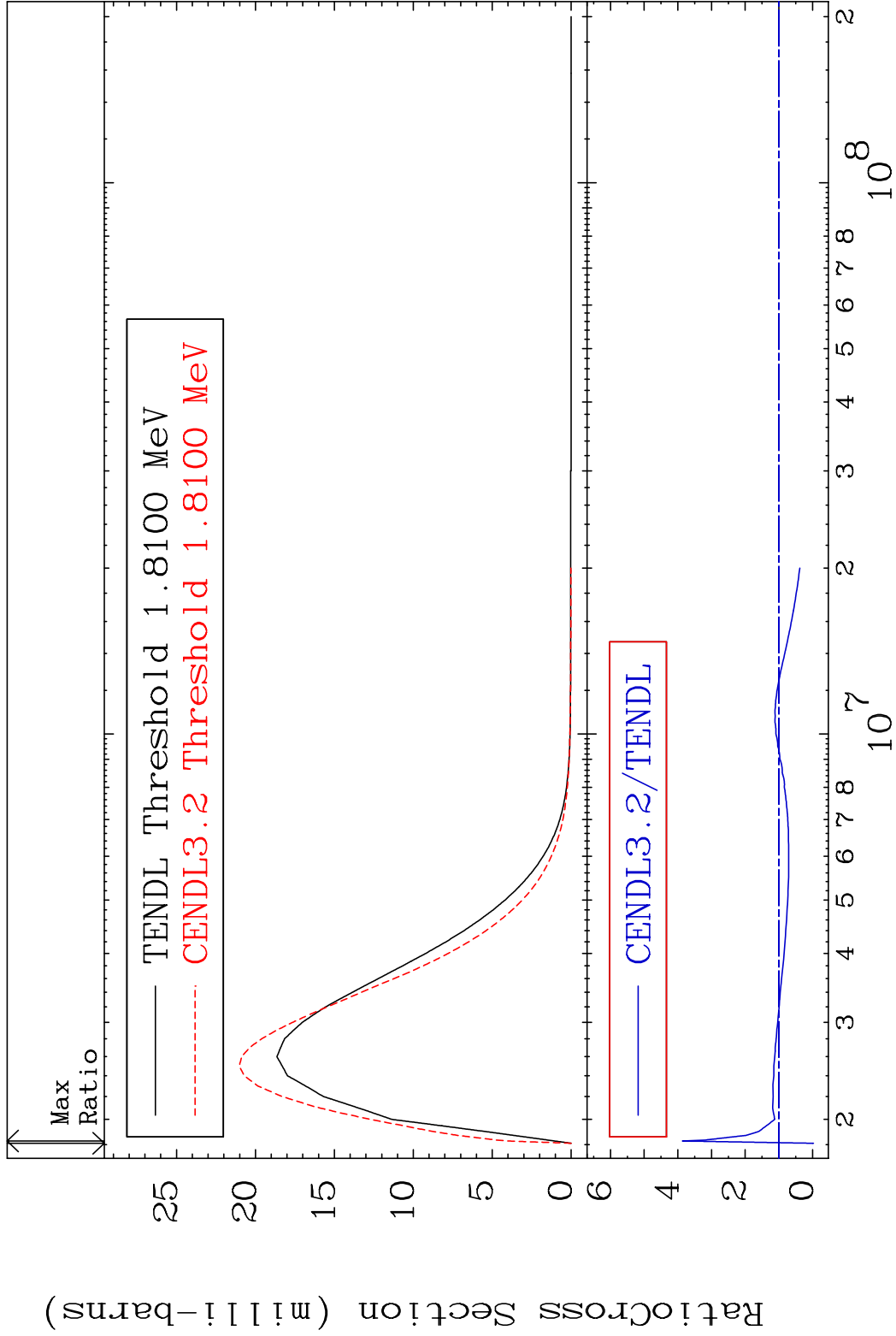
30-Zn-67

Cross Section

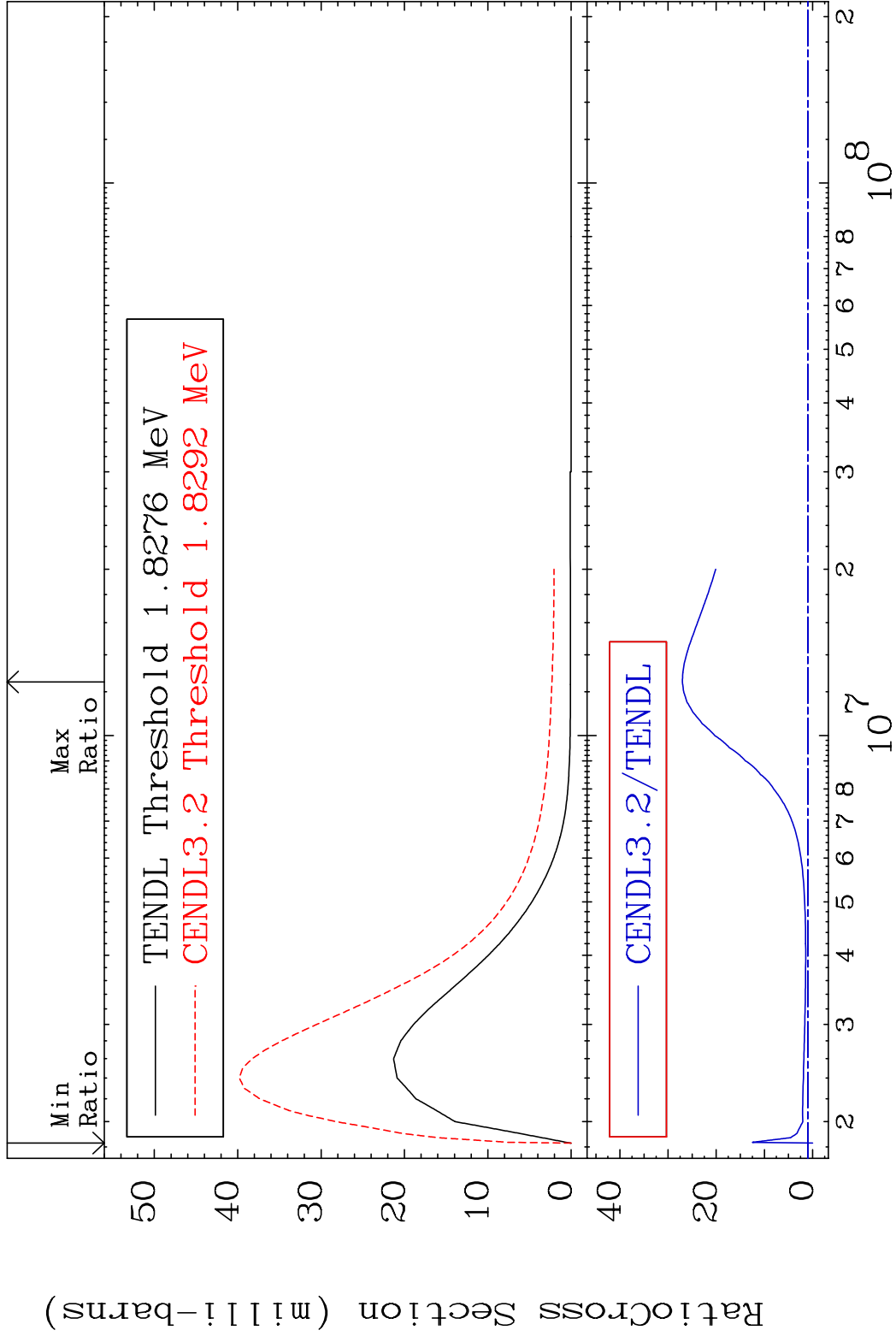
-100.0 To 2065. %

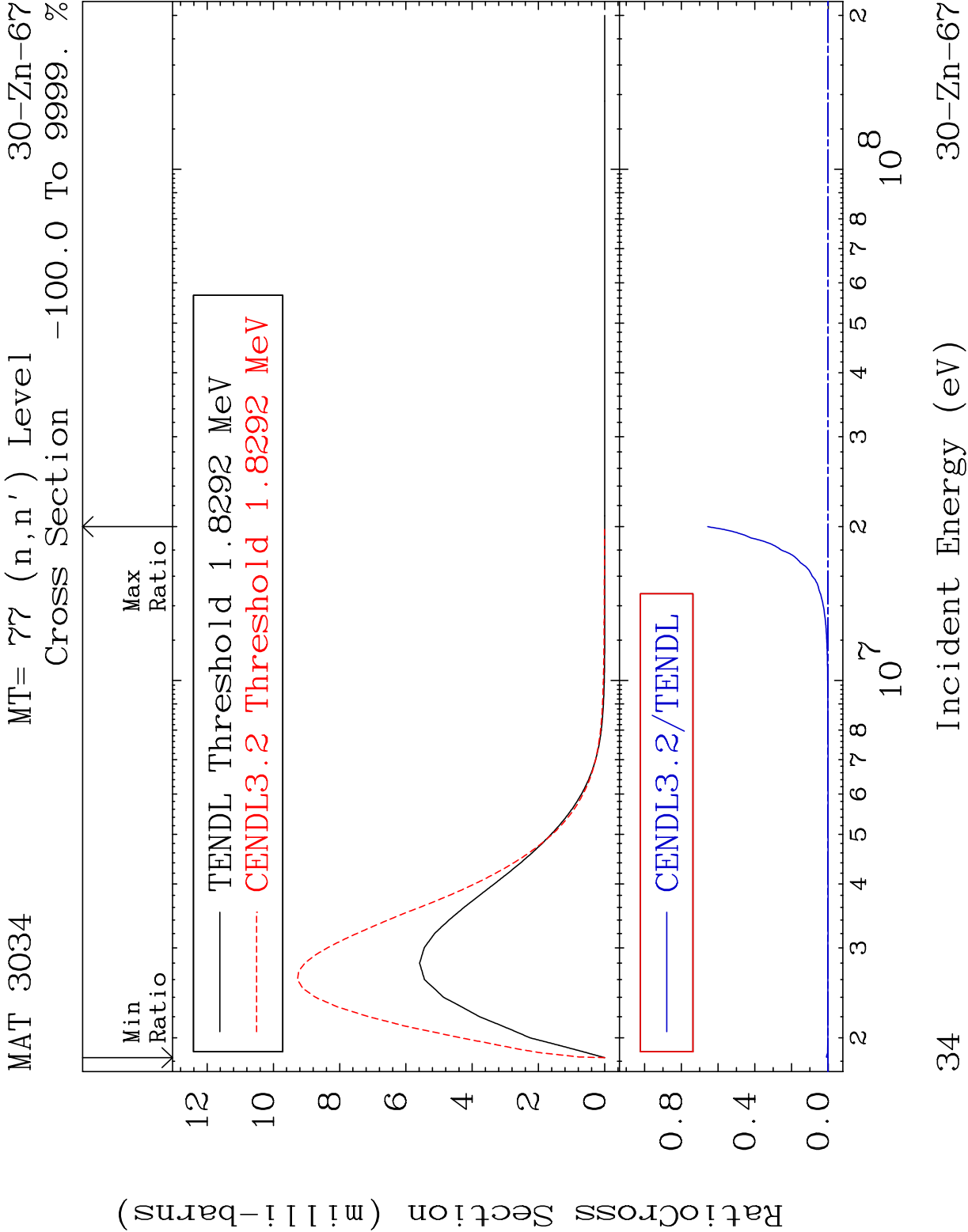


MAT 3034 MT= 75 (n,n') Level 30-Zn-67
Cross Section -100.0 To 286.6 %

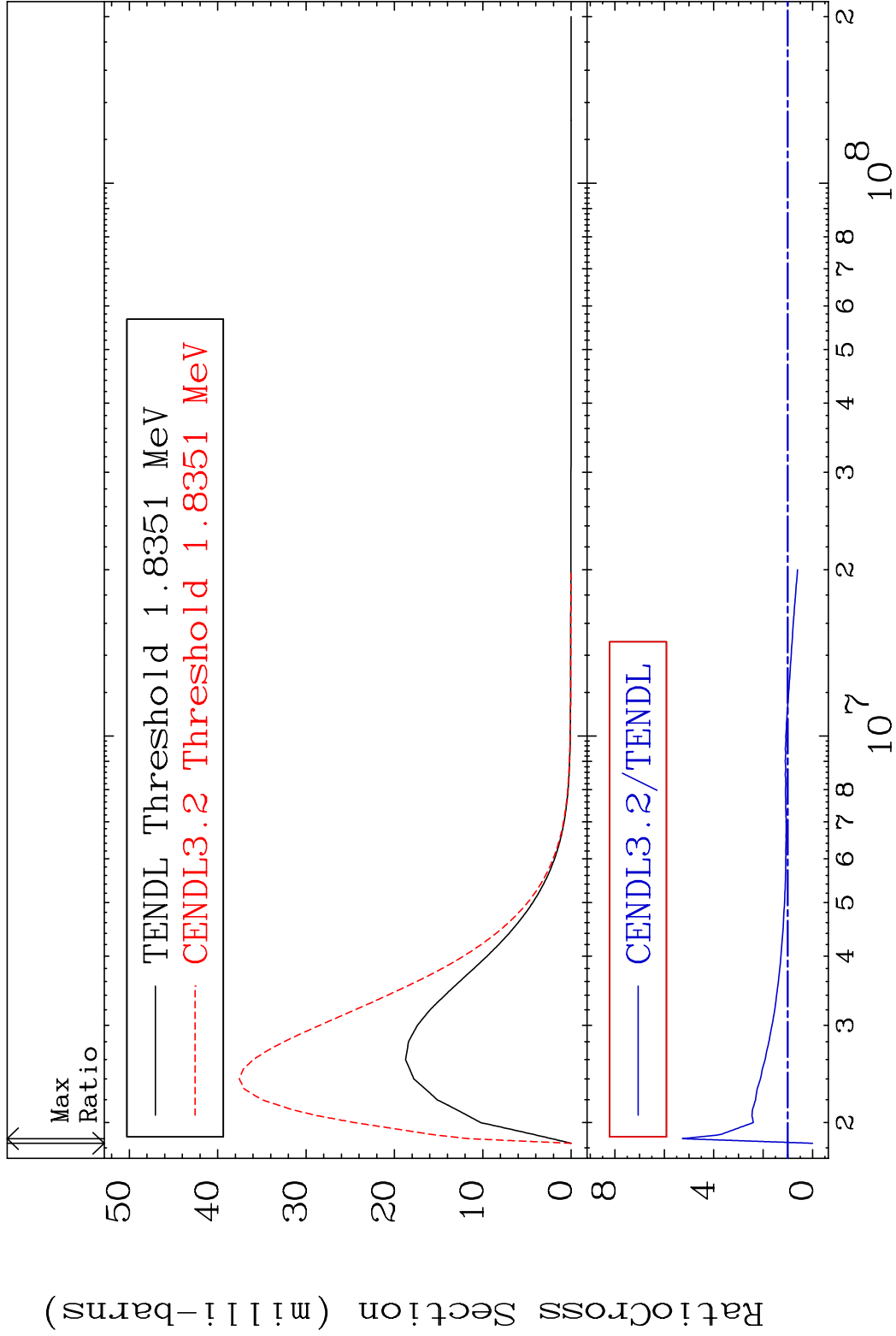


MAT 3034 MT= 76 (n,n') Level 30-Zn-67
Cross Section -100.0 To 2604. %

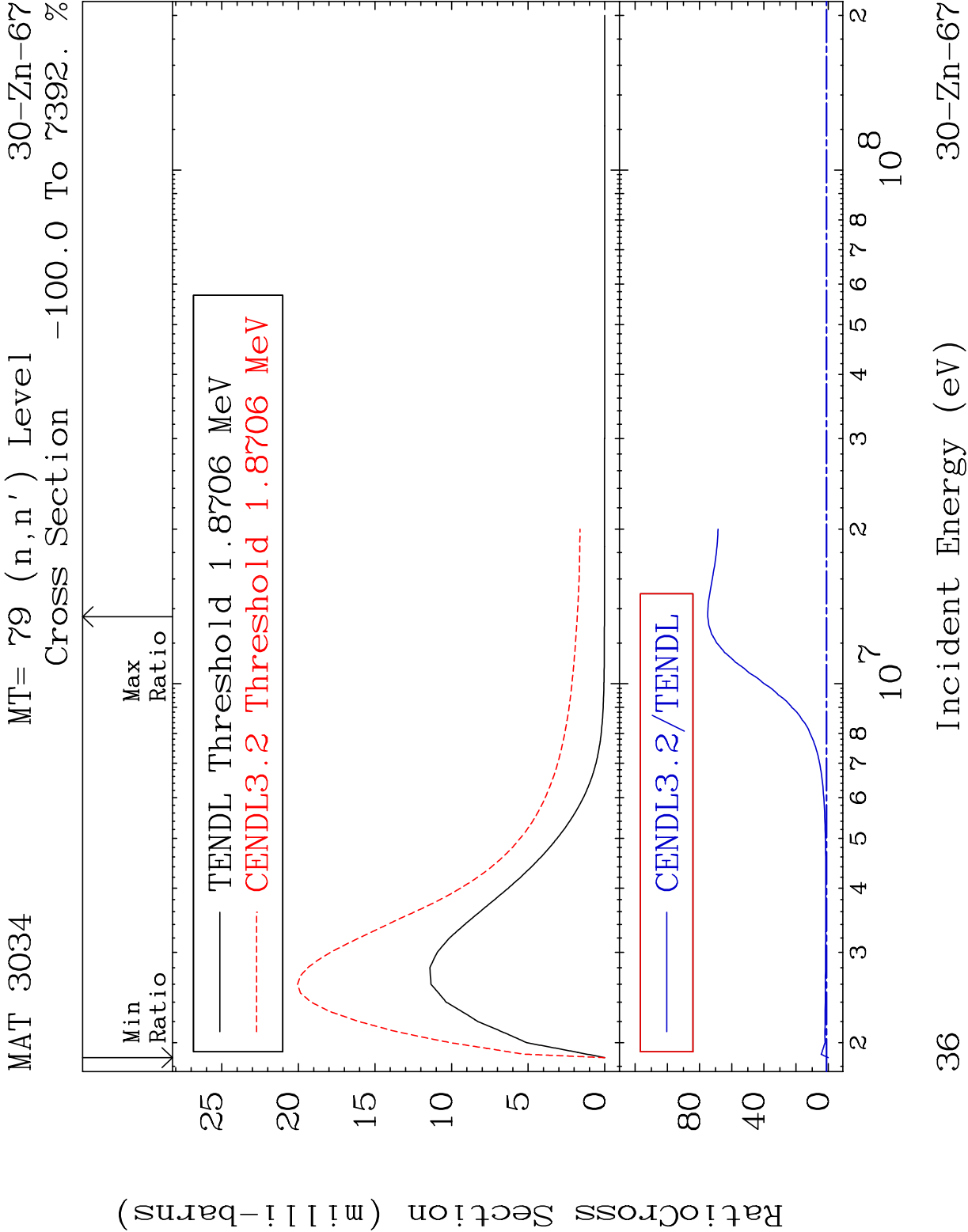




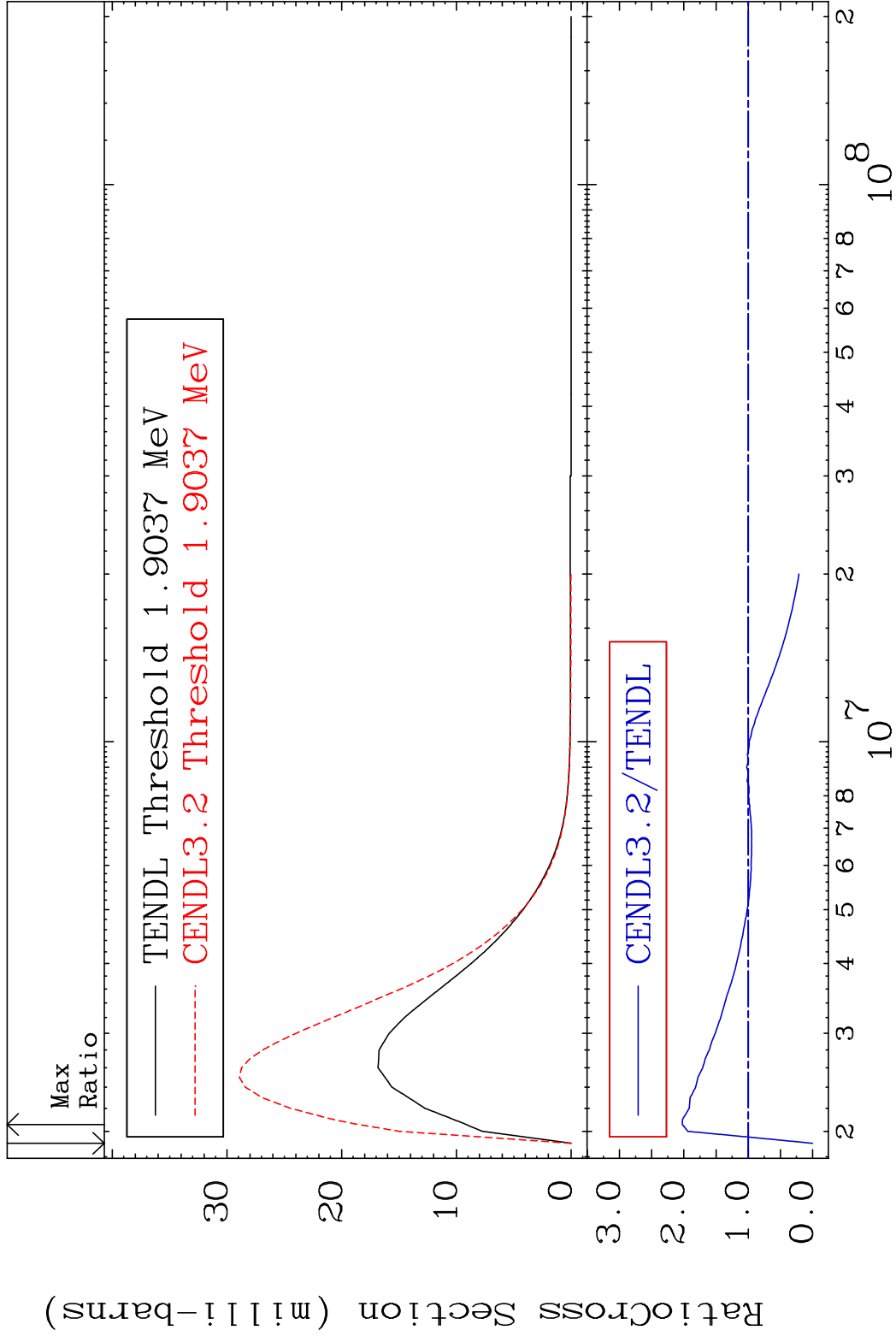
MAT 3034 MT= 78 (n,n') Level 30-Zn-67
Cross Section -100.0 To 426.9 %

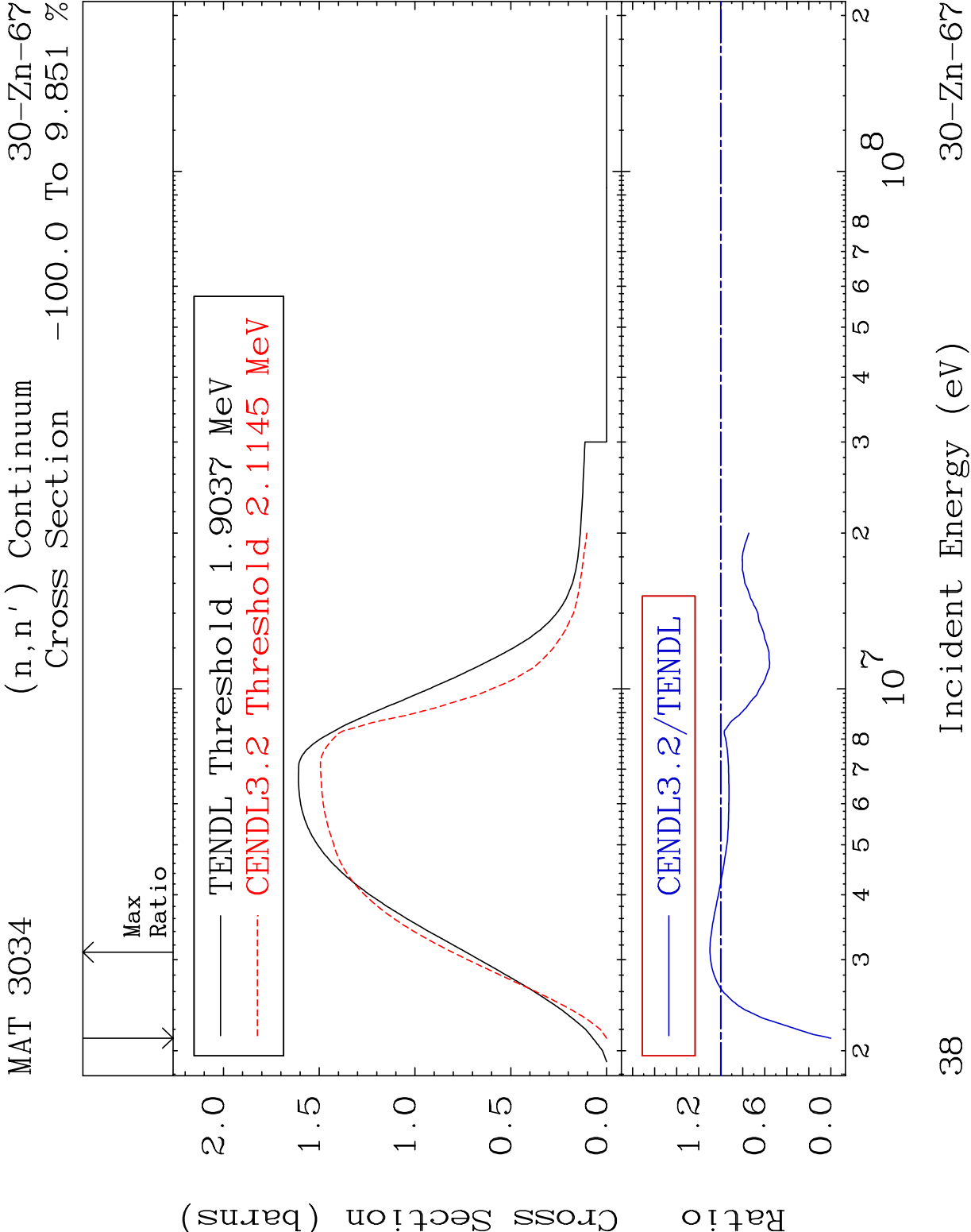


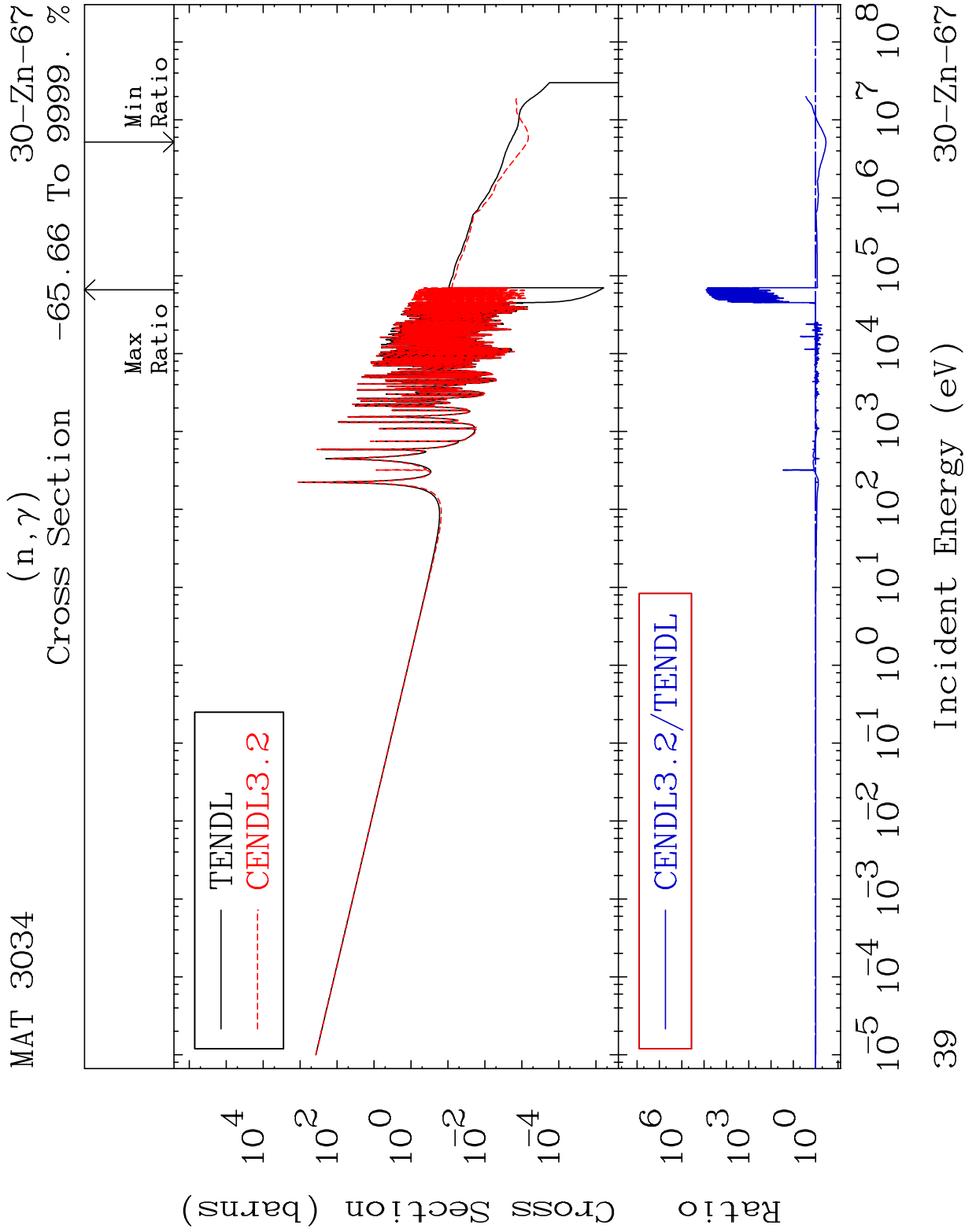
35 Incident Energy (eV) 30-Zn-67

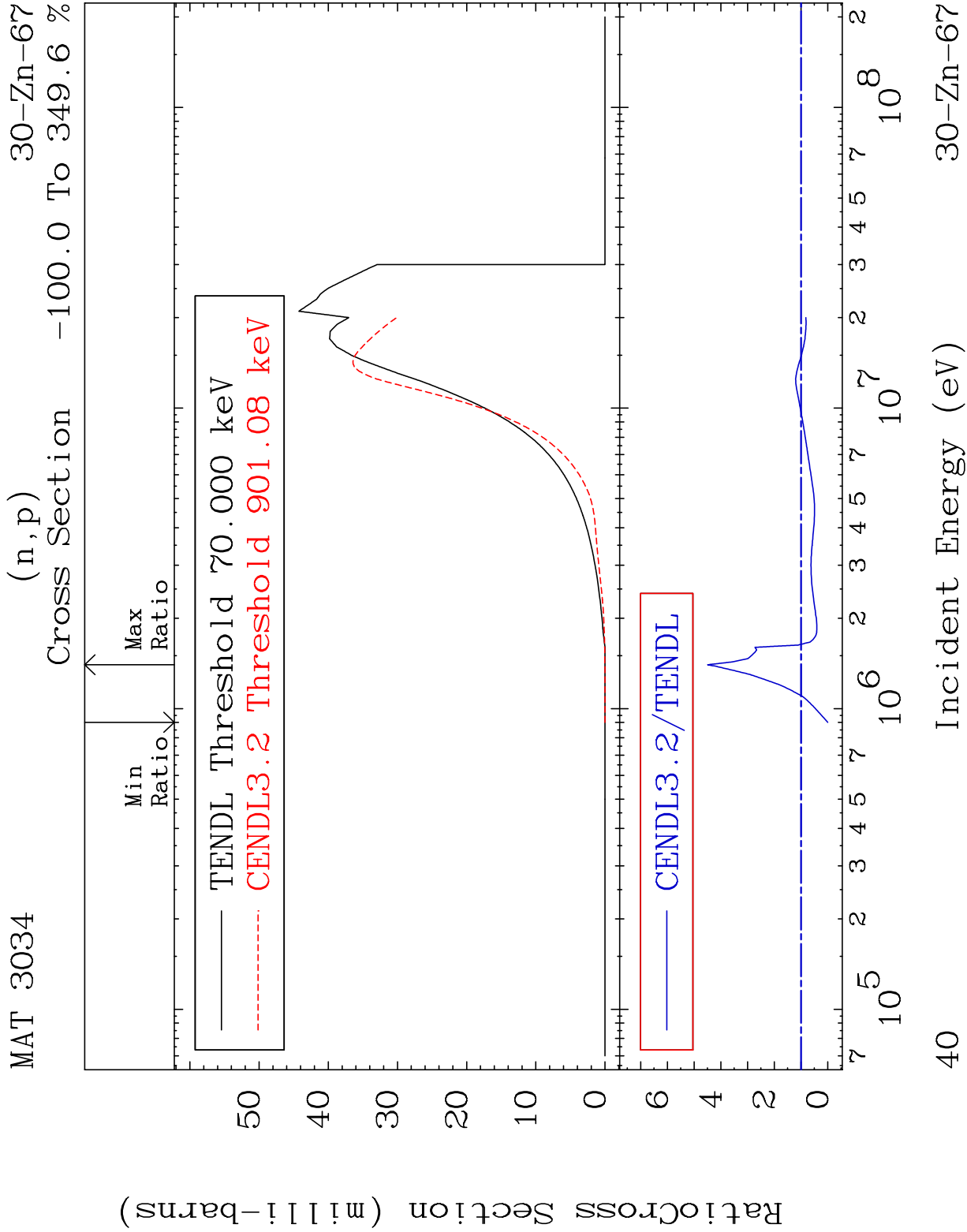


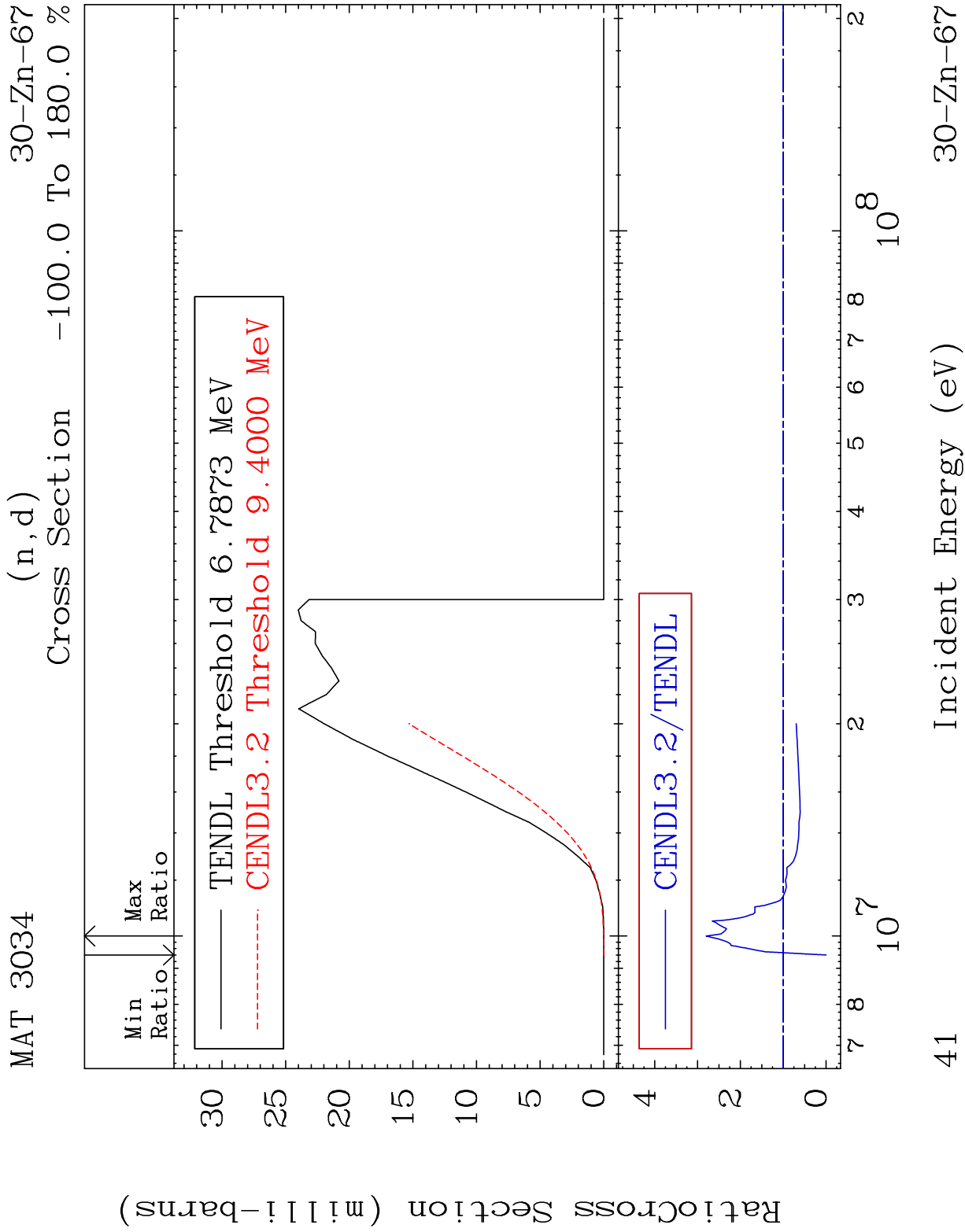
MAT 3034 MT= 80 (n,n') Level 30-Zn-67
Cross Section -100.0 To 102.3 %

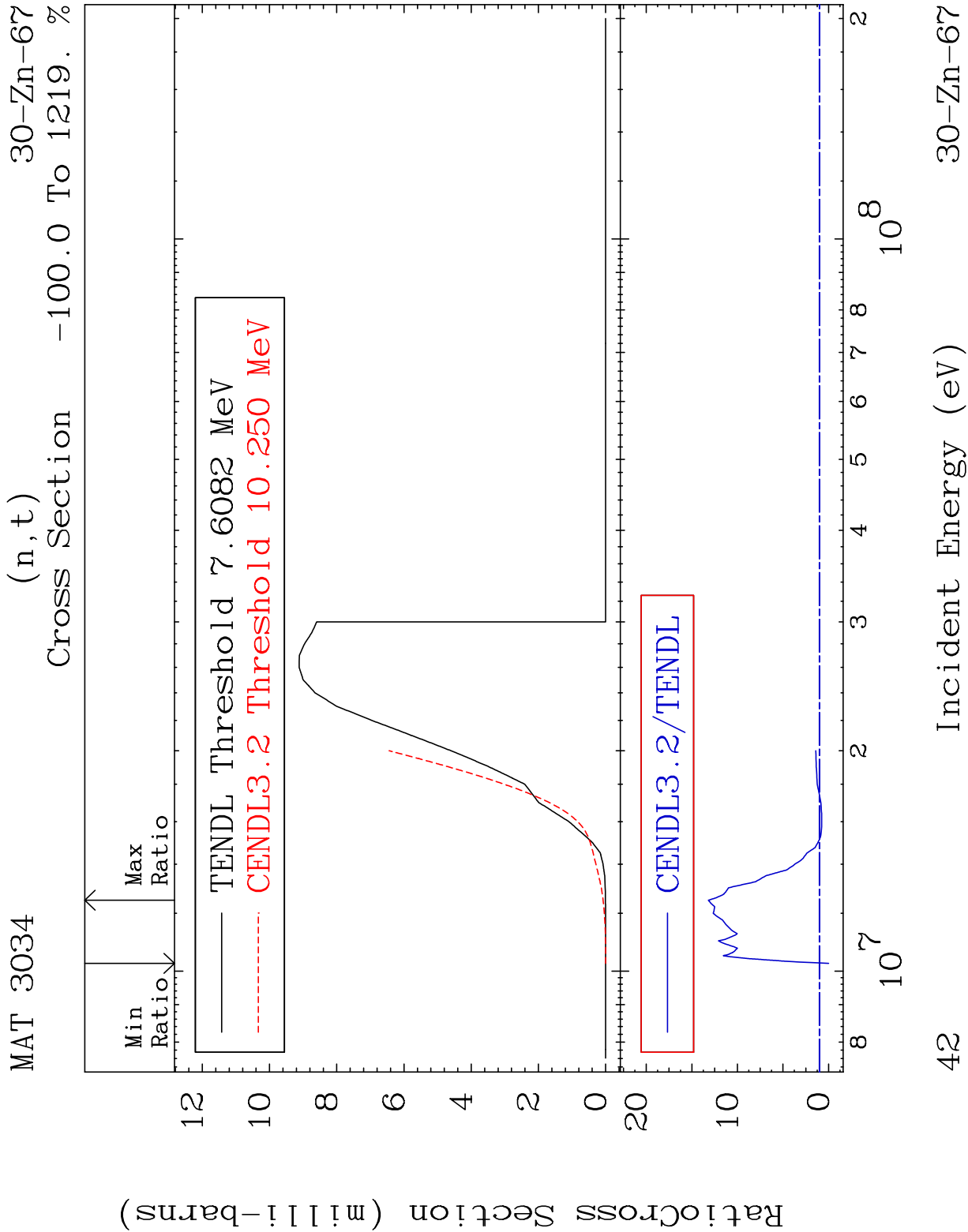


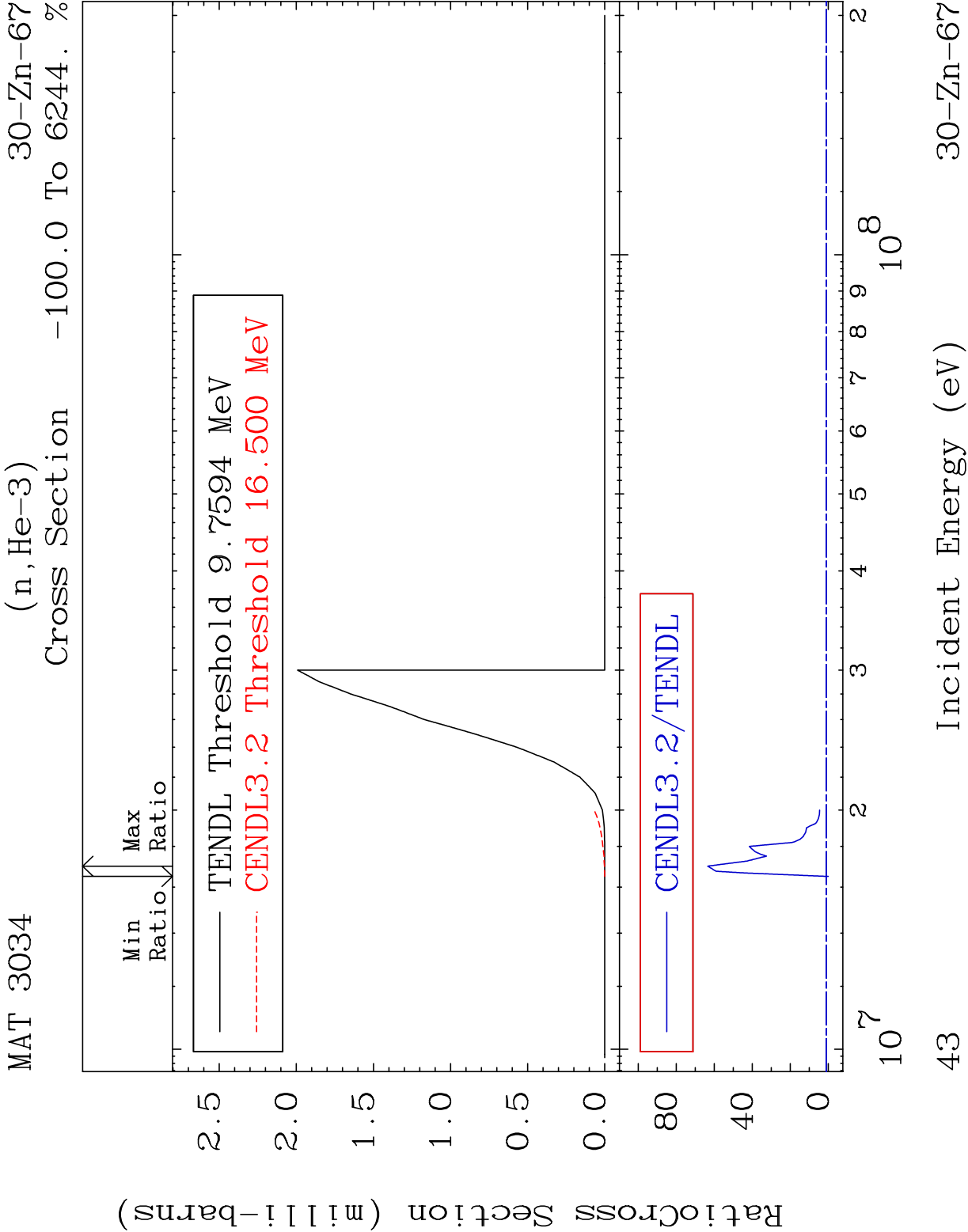


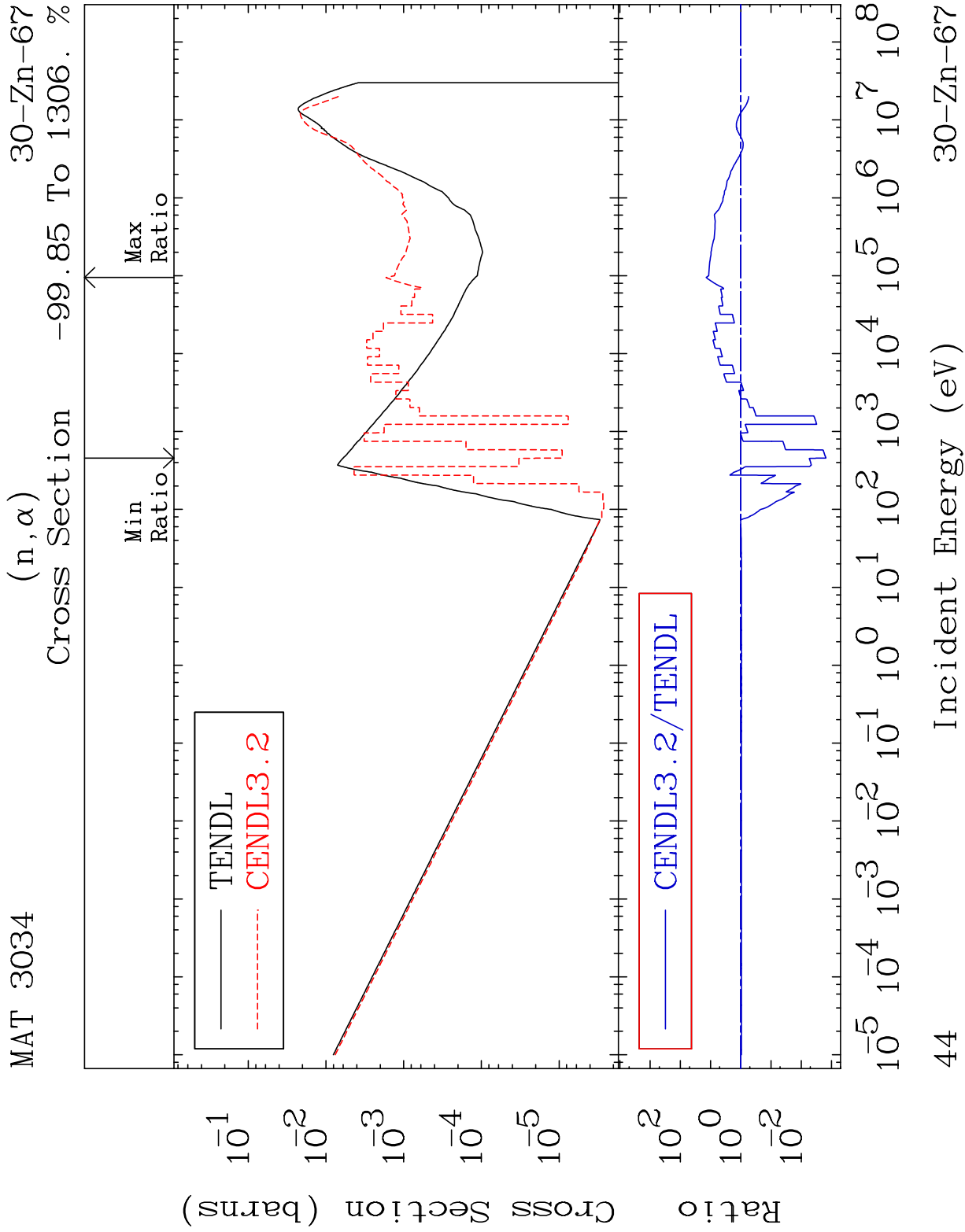


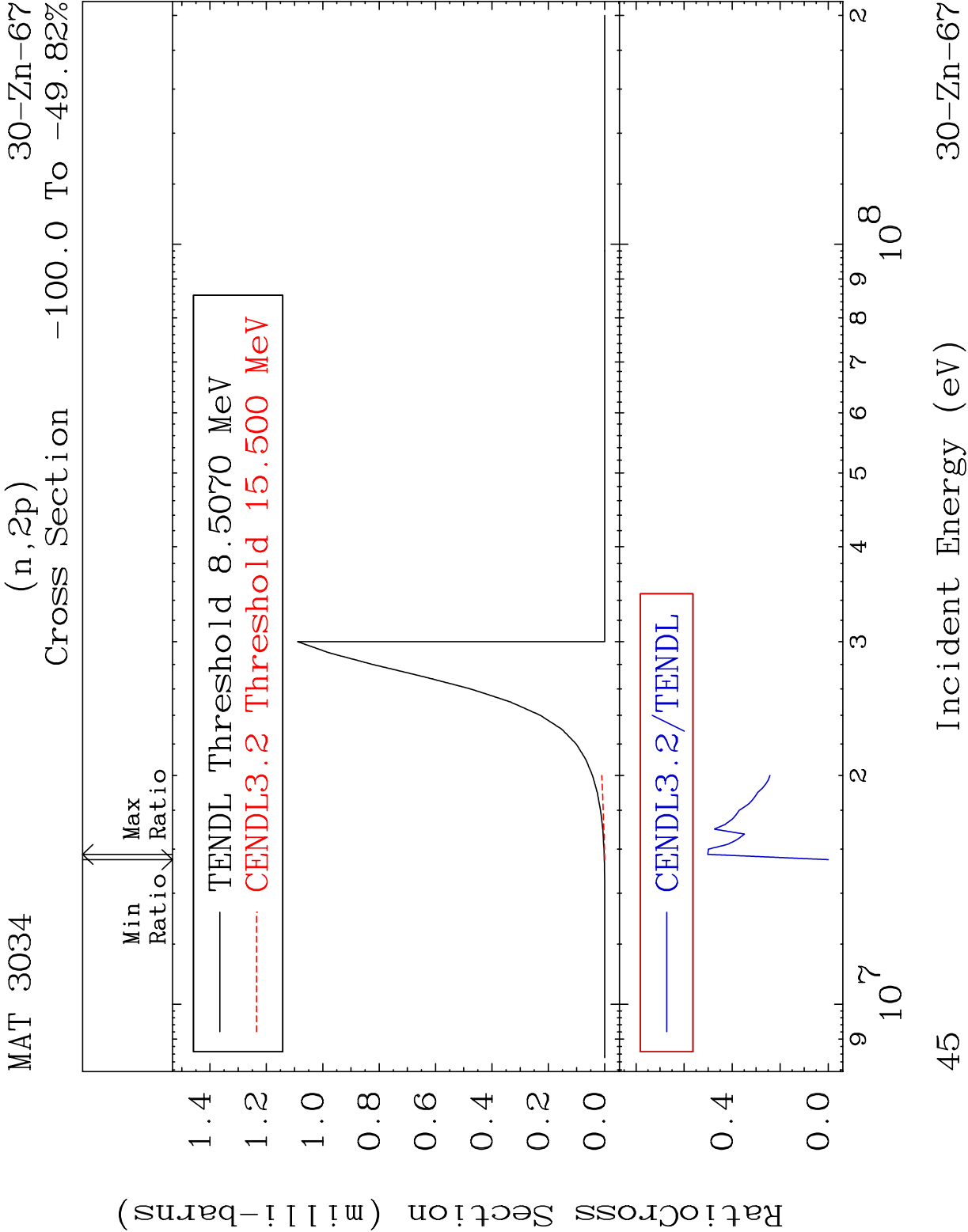


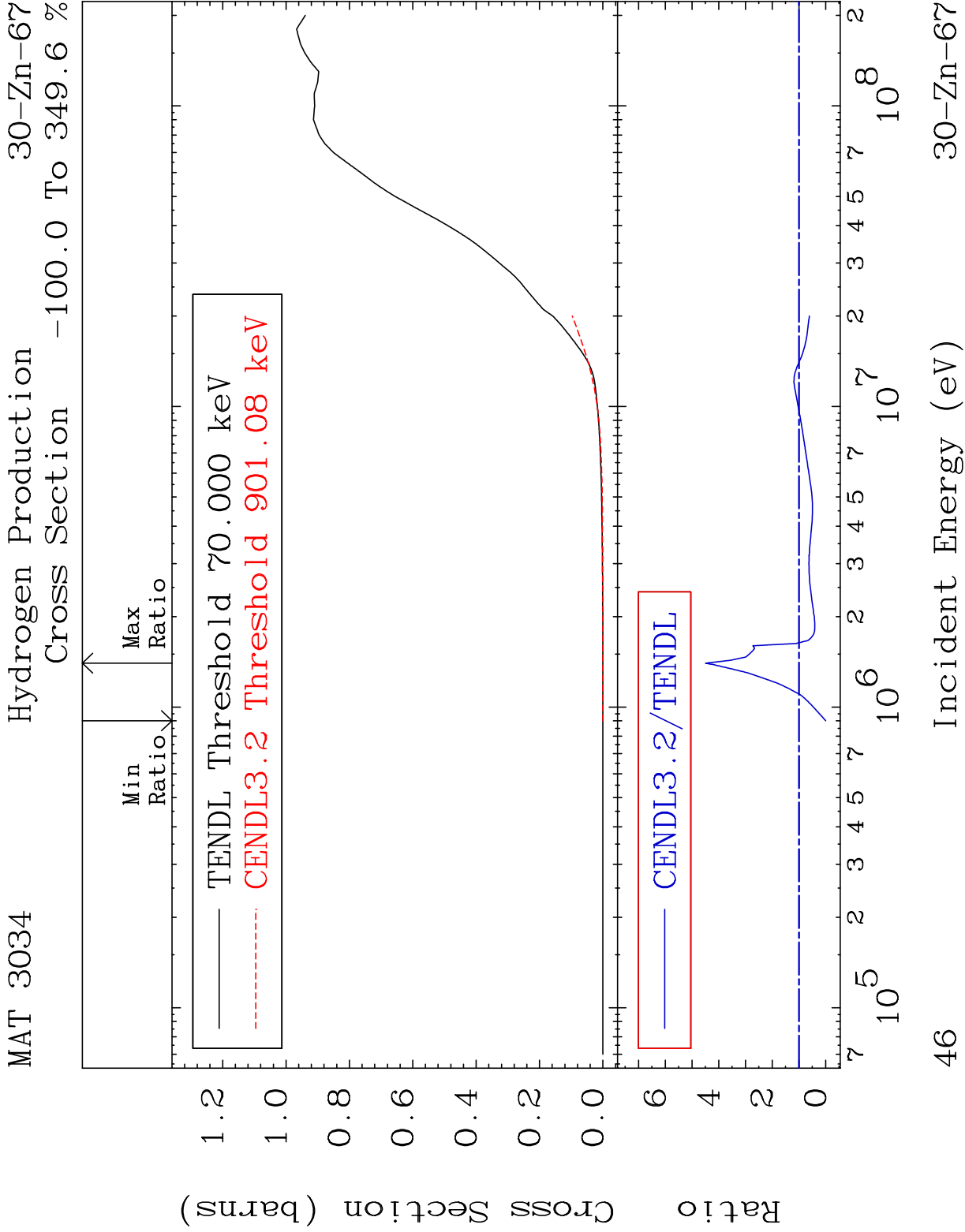


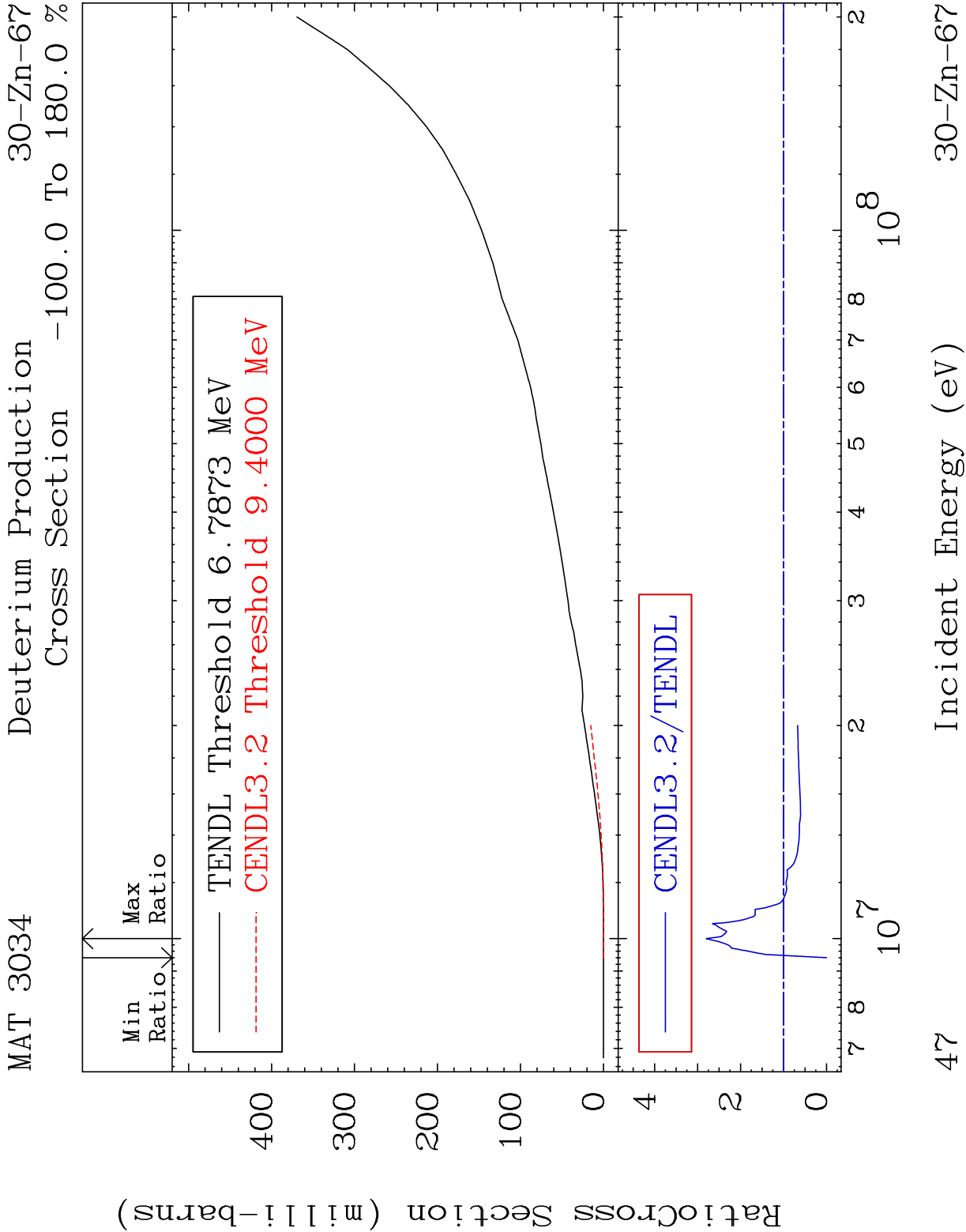




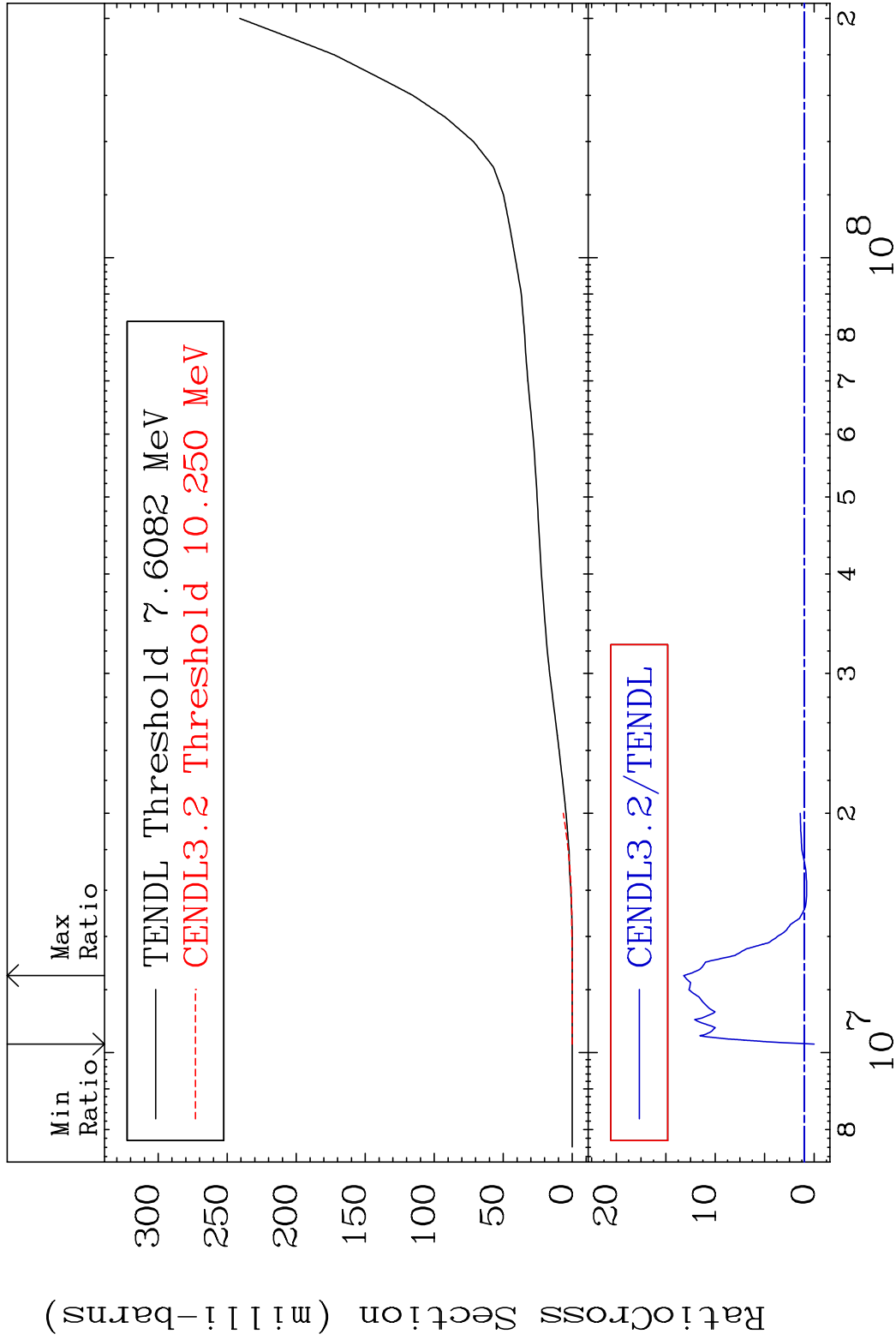


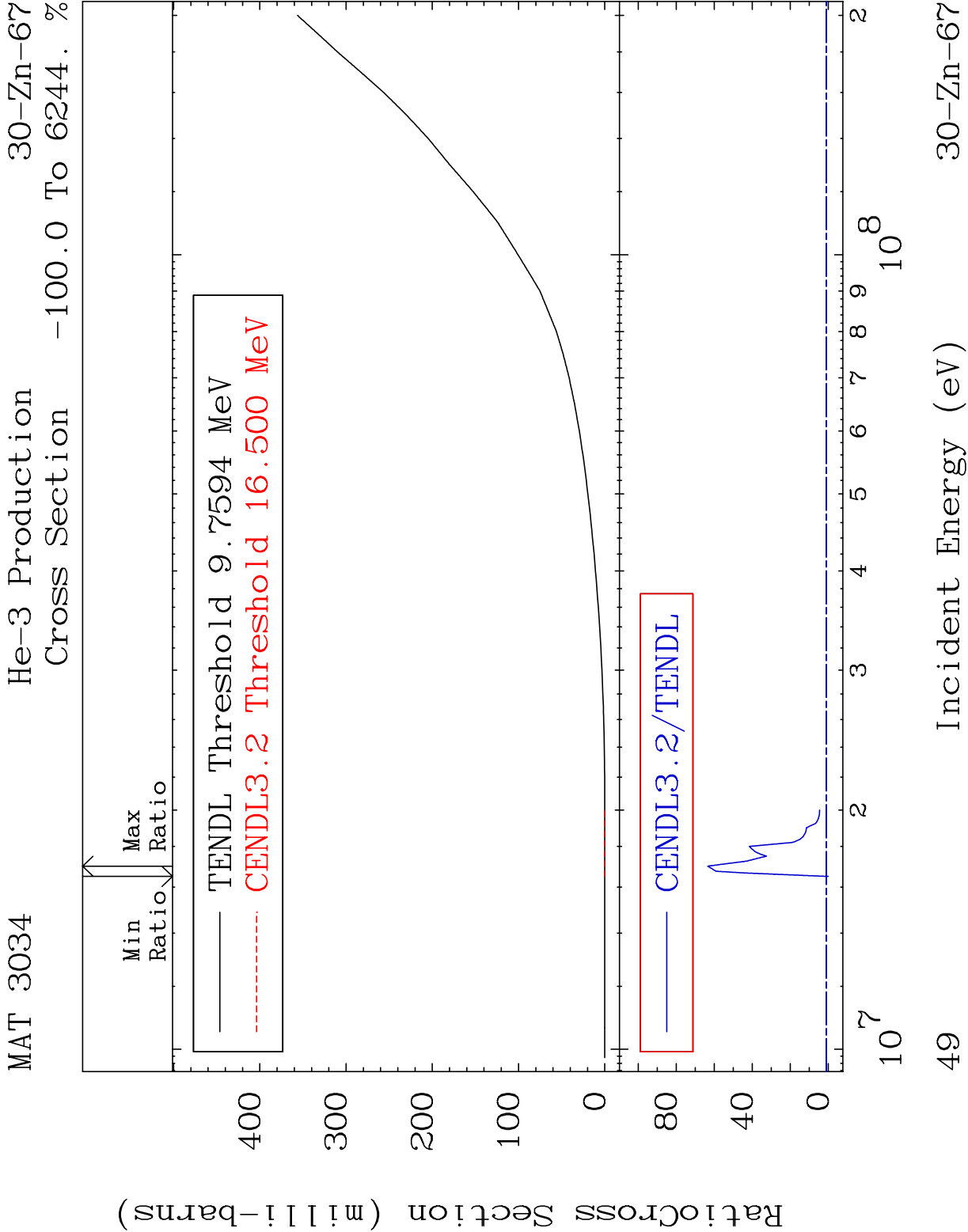


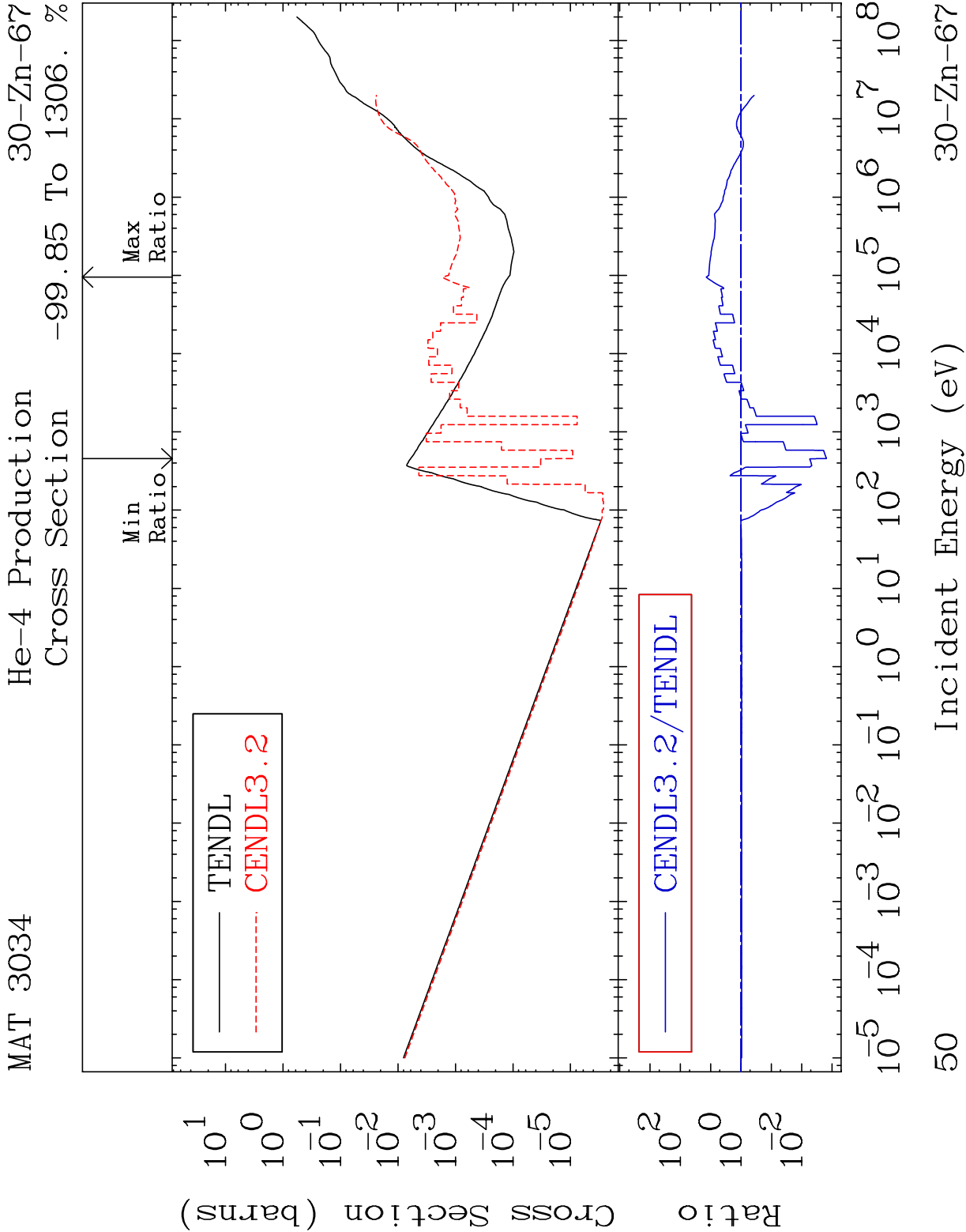


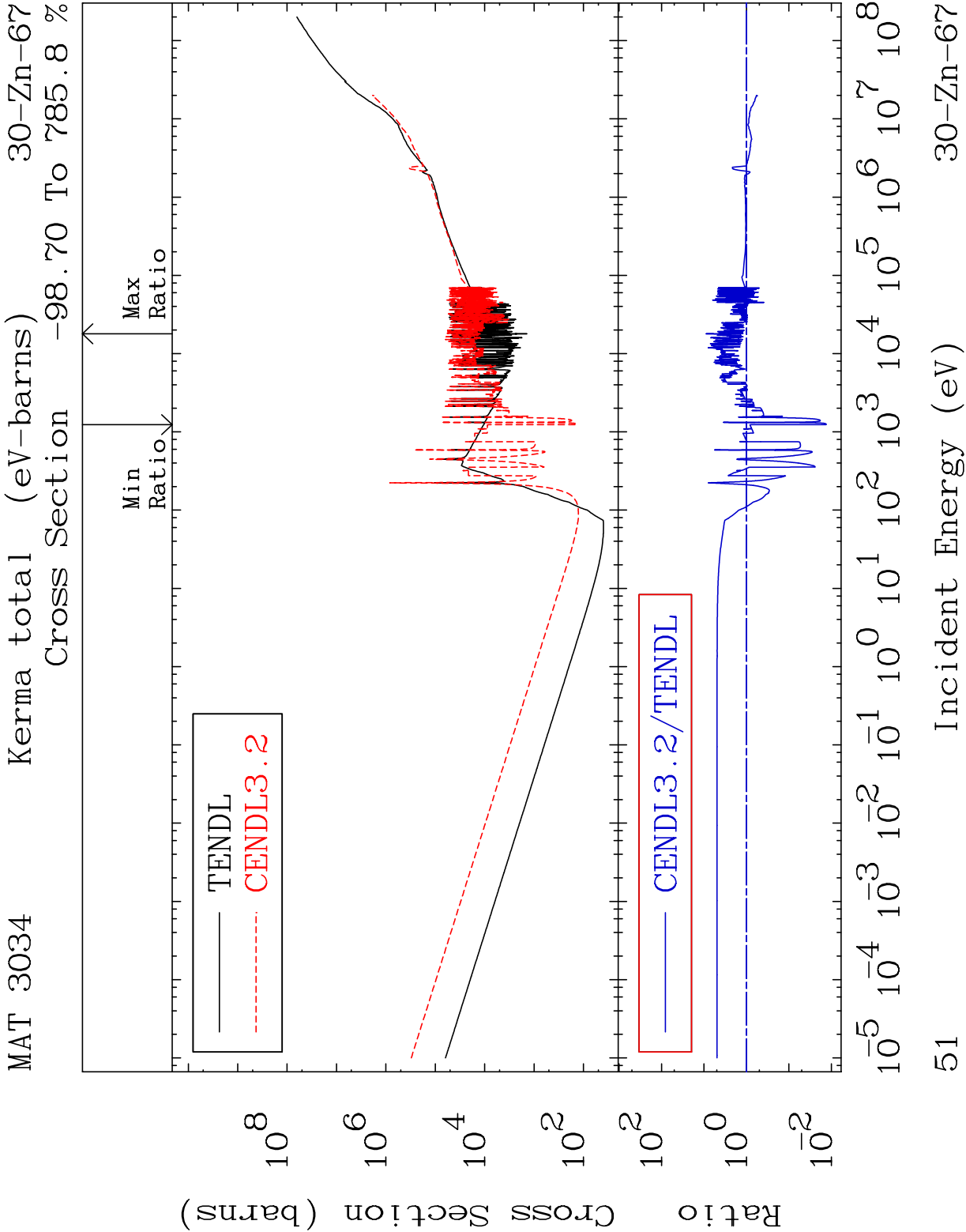


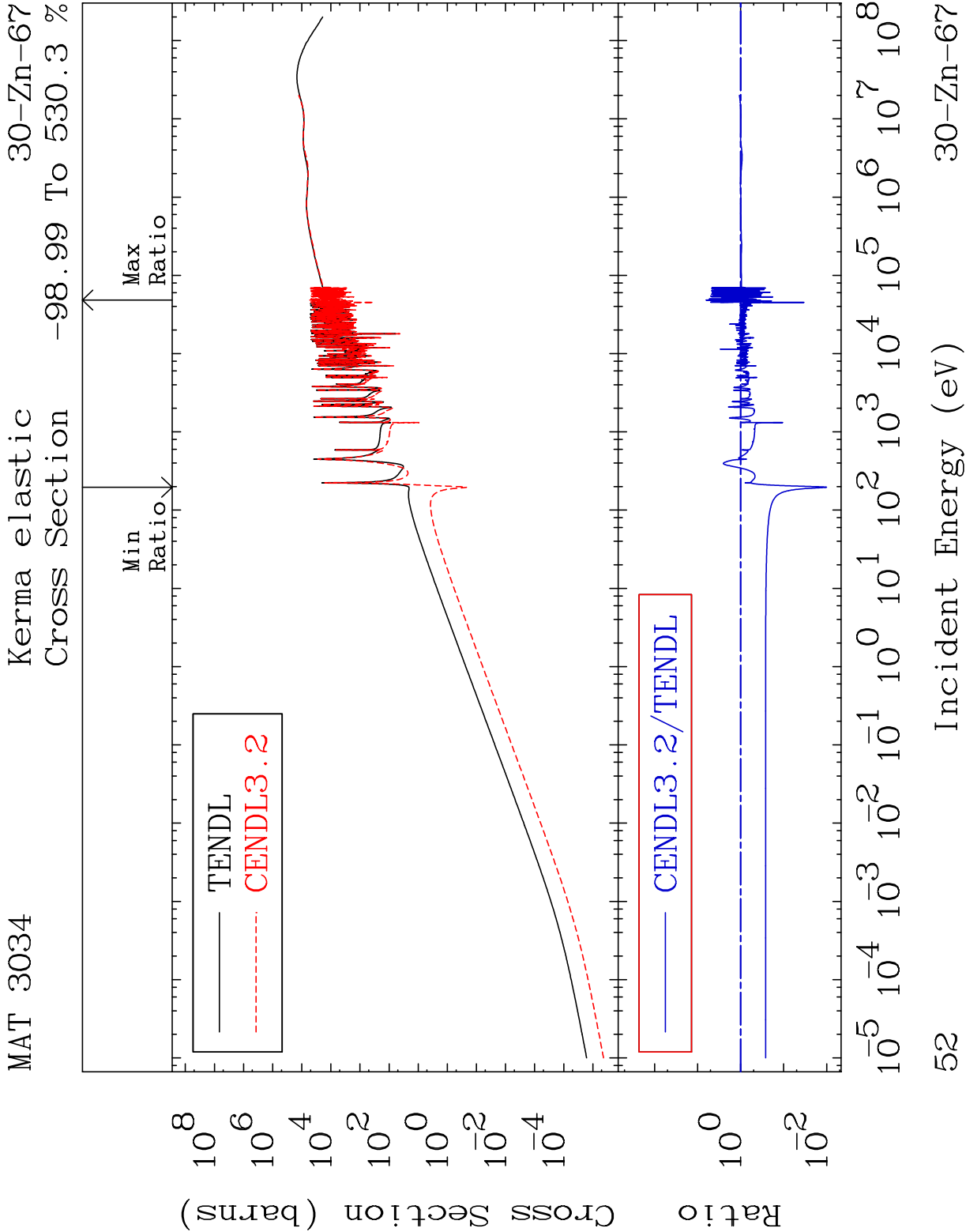
MAT 3034 Tritium Production ³⁰Zn-67
Cross Section -100.0 To 1219. %



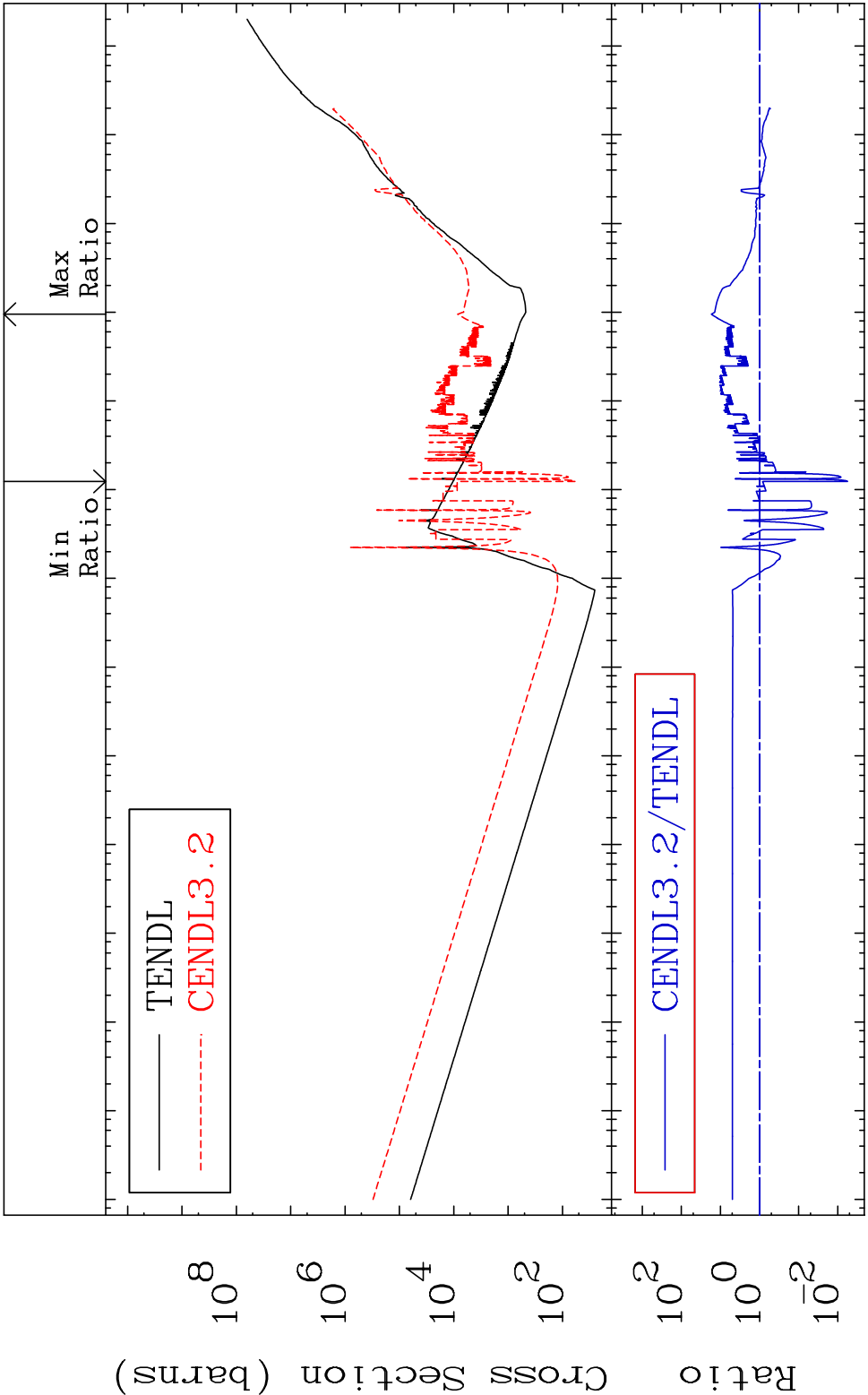




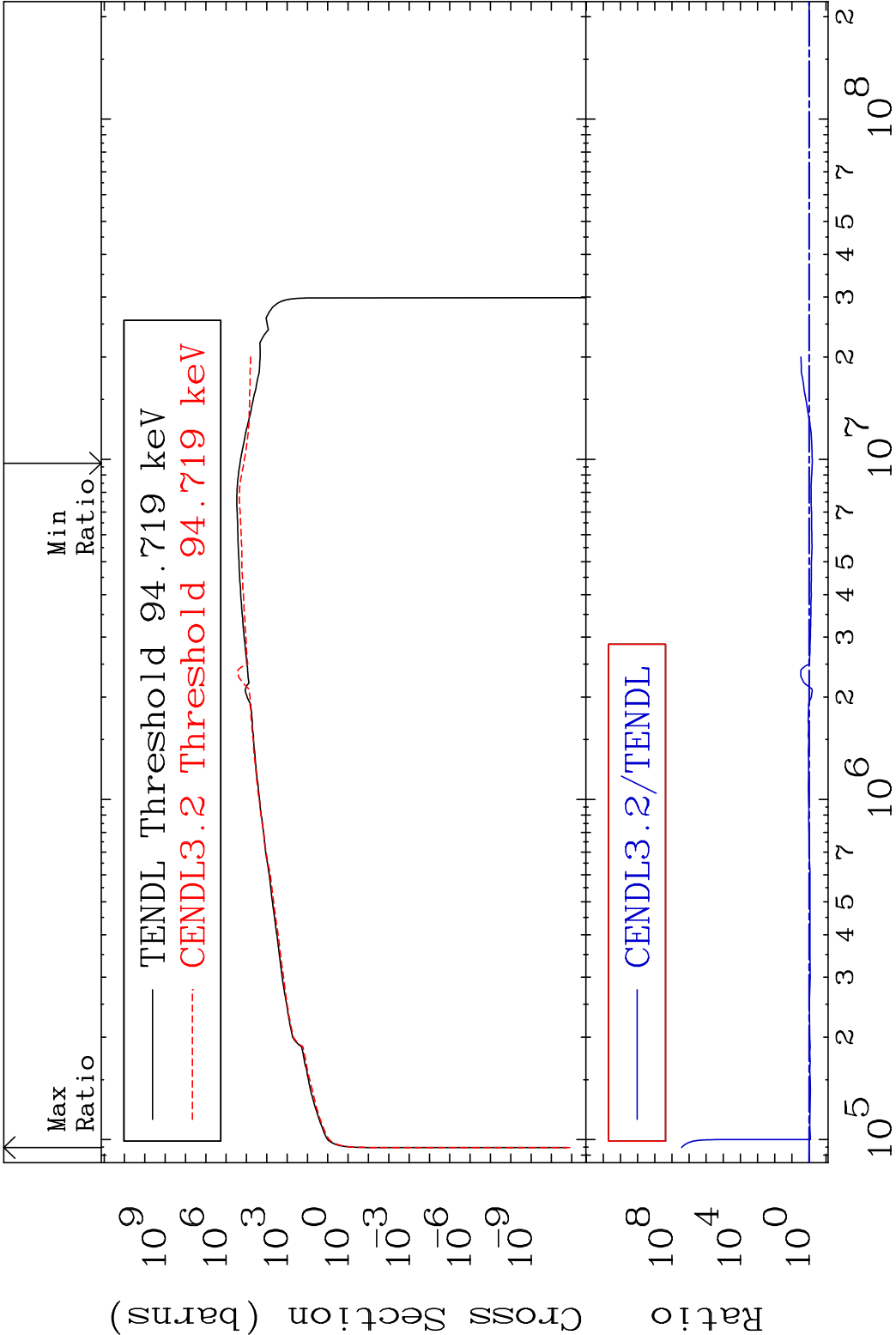




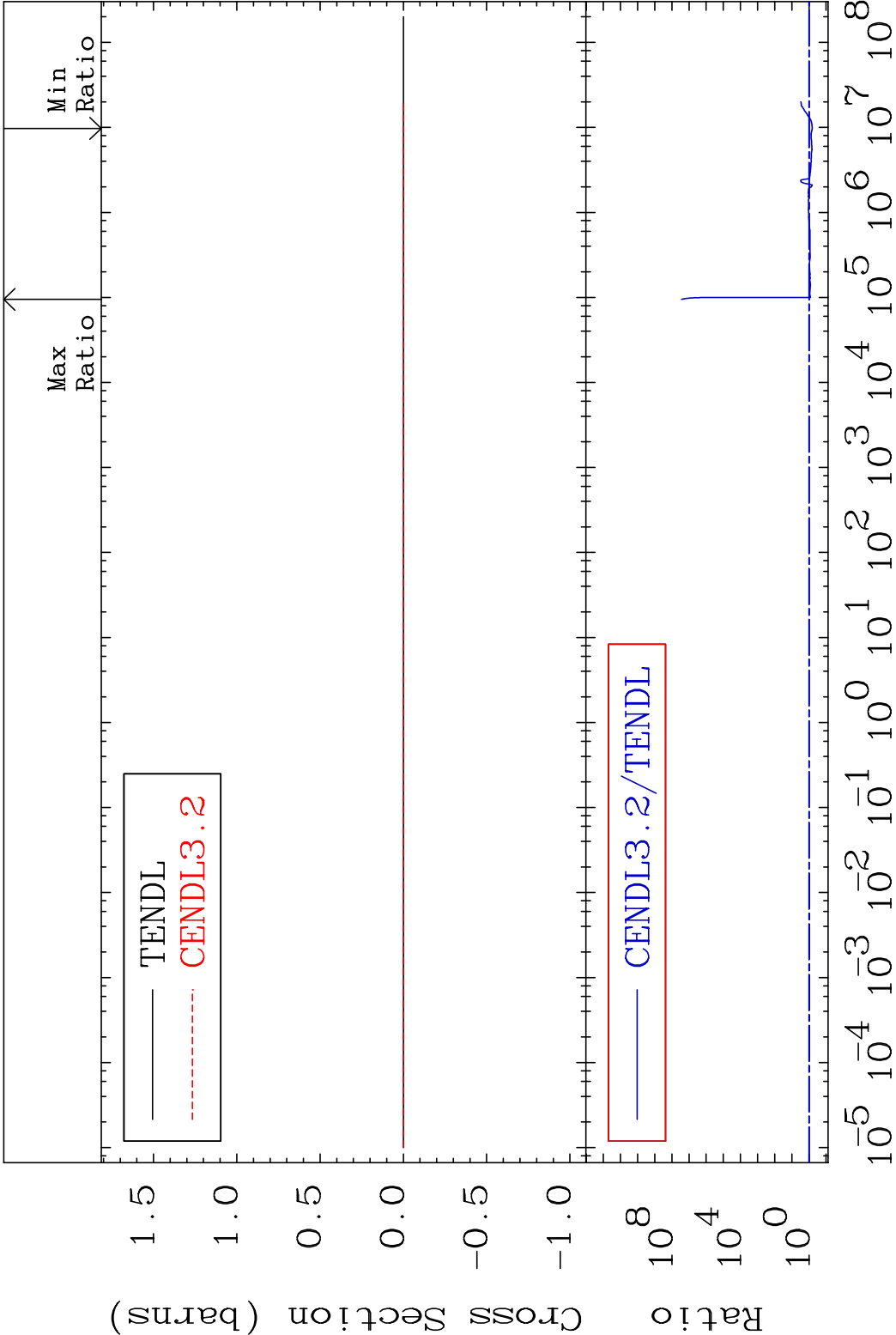
MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67
 Cross Section -99.45 To 1610. %

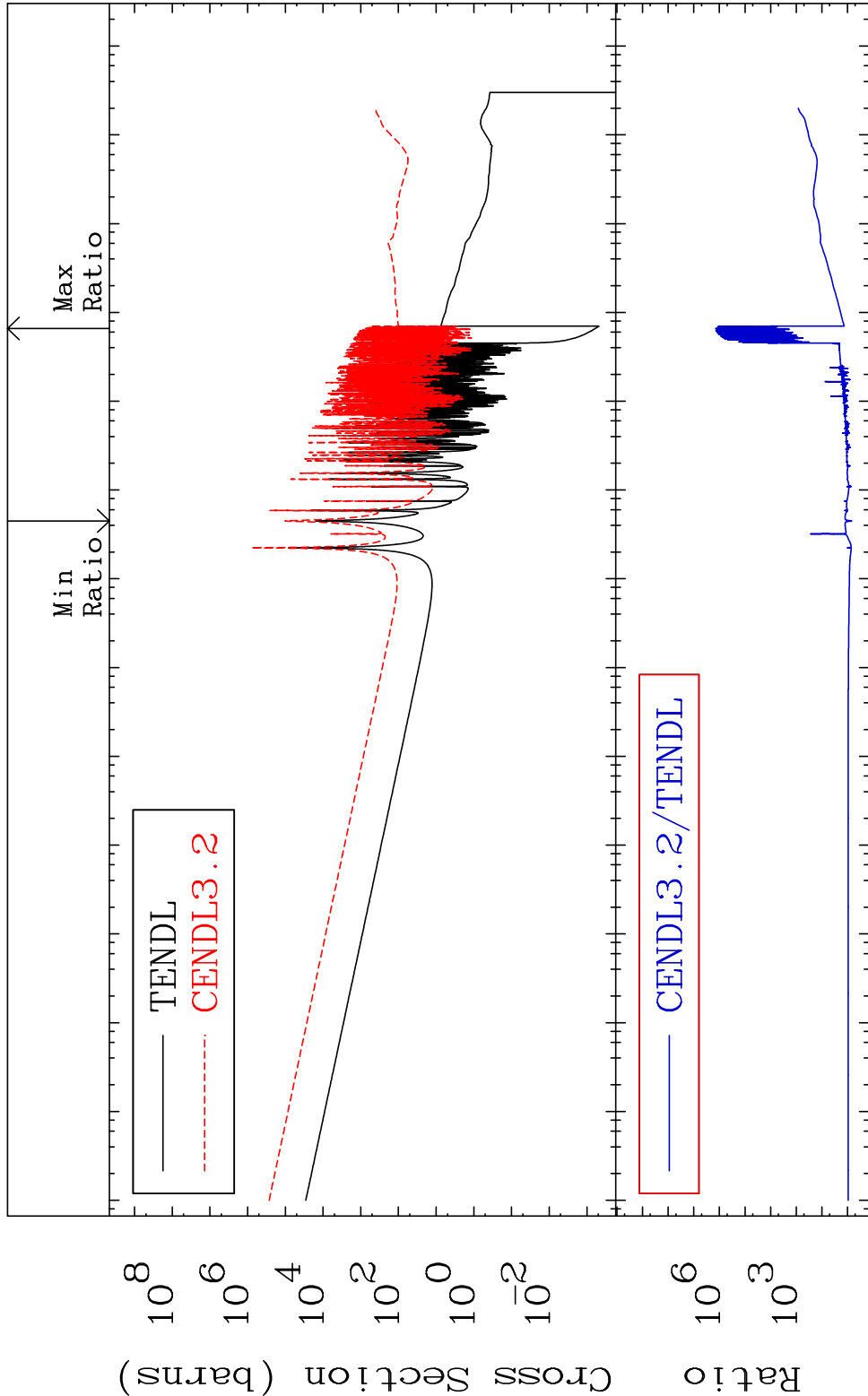


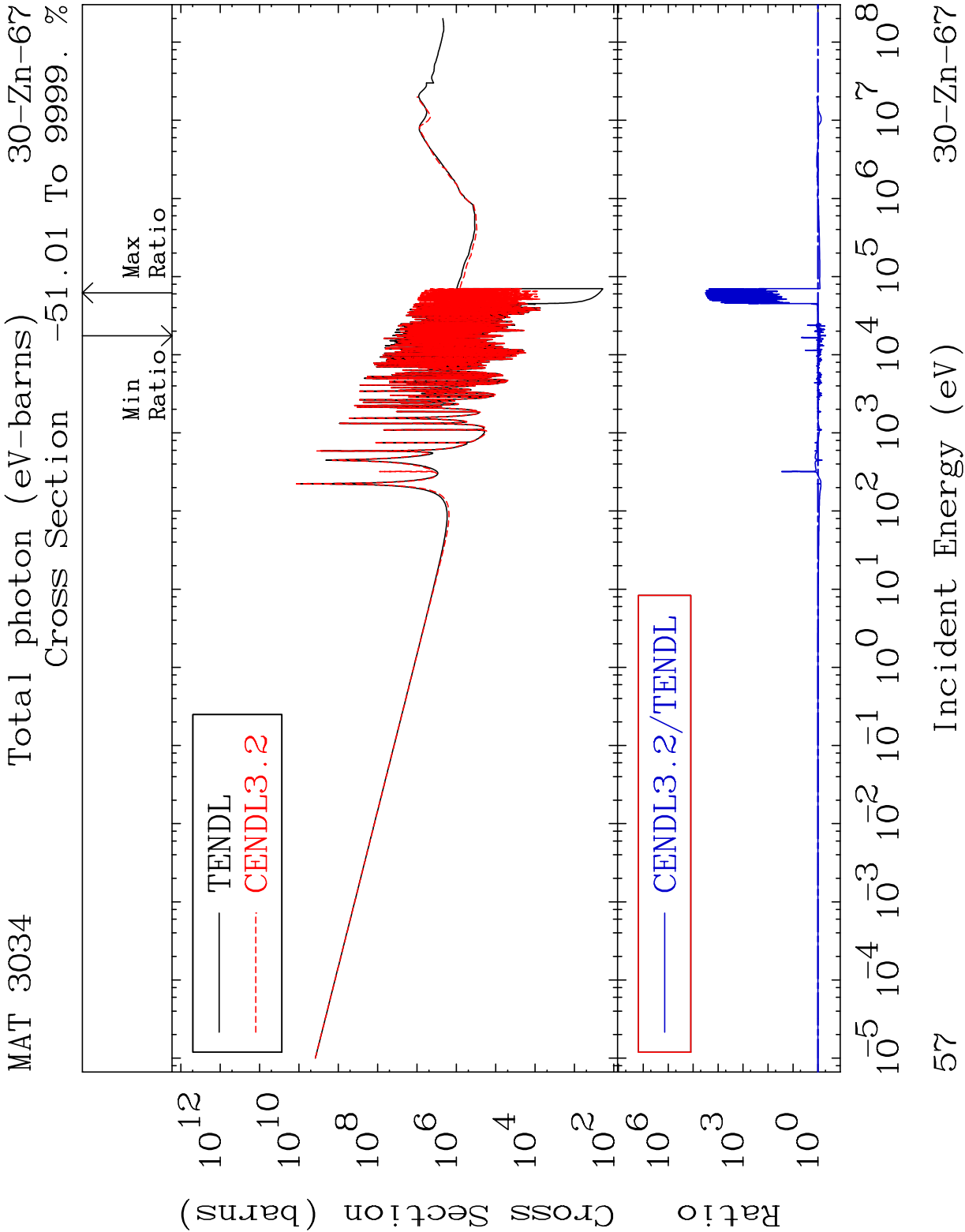
53 Incident Energy (eV) 30-Zn-67



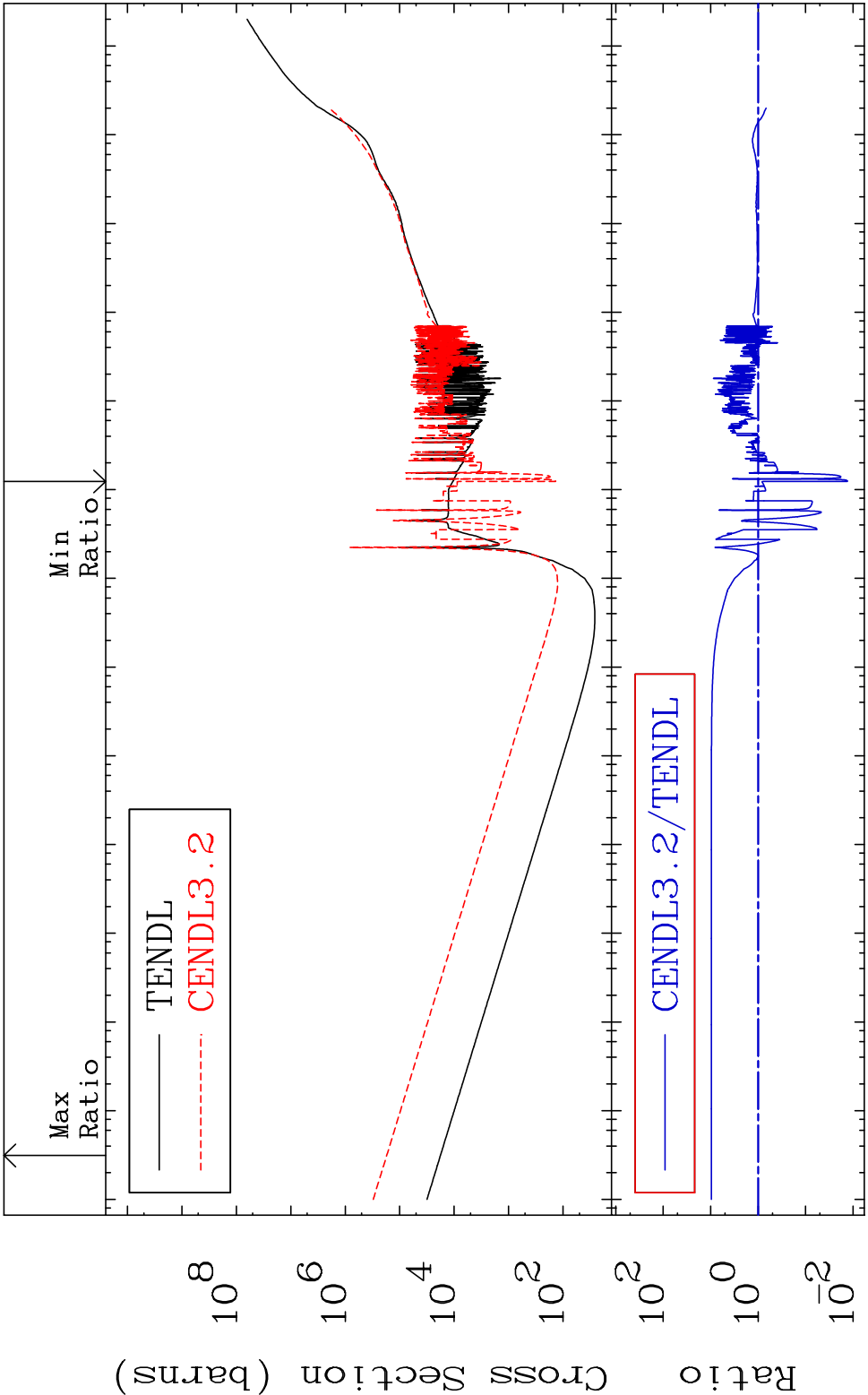
MAT 3034 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-67
Cross Section -35.36 To 9999. %



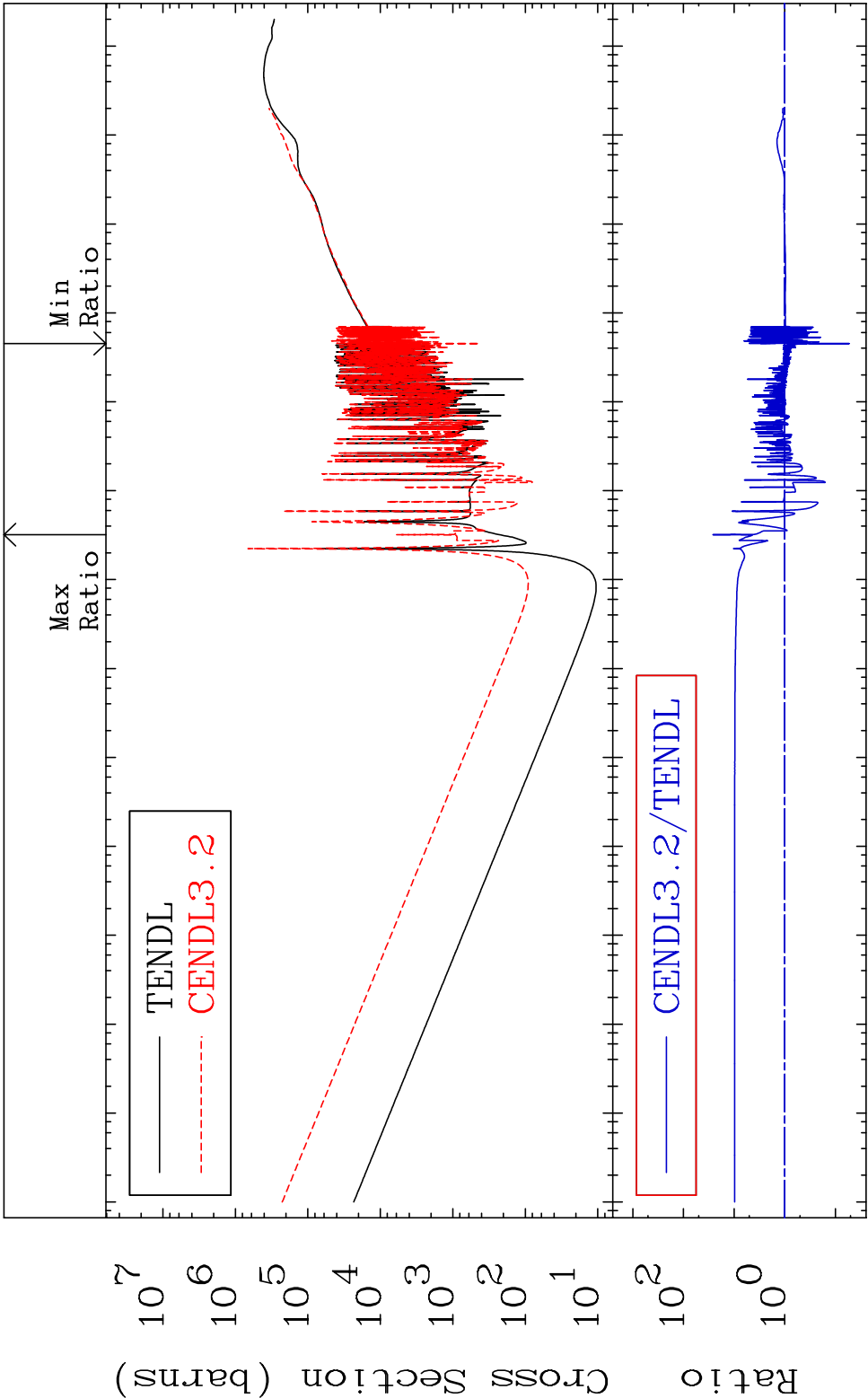




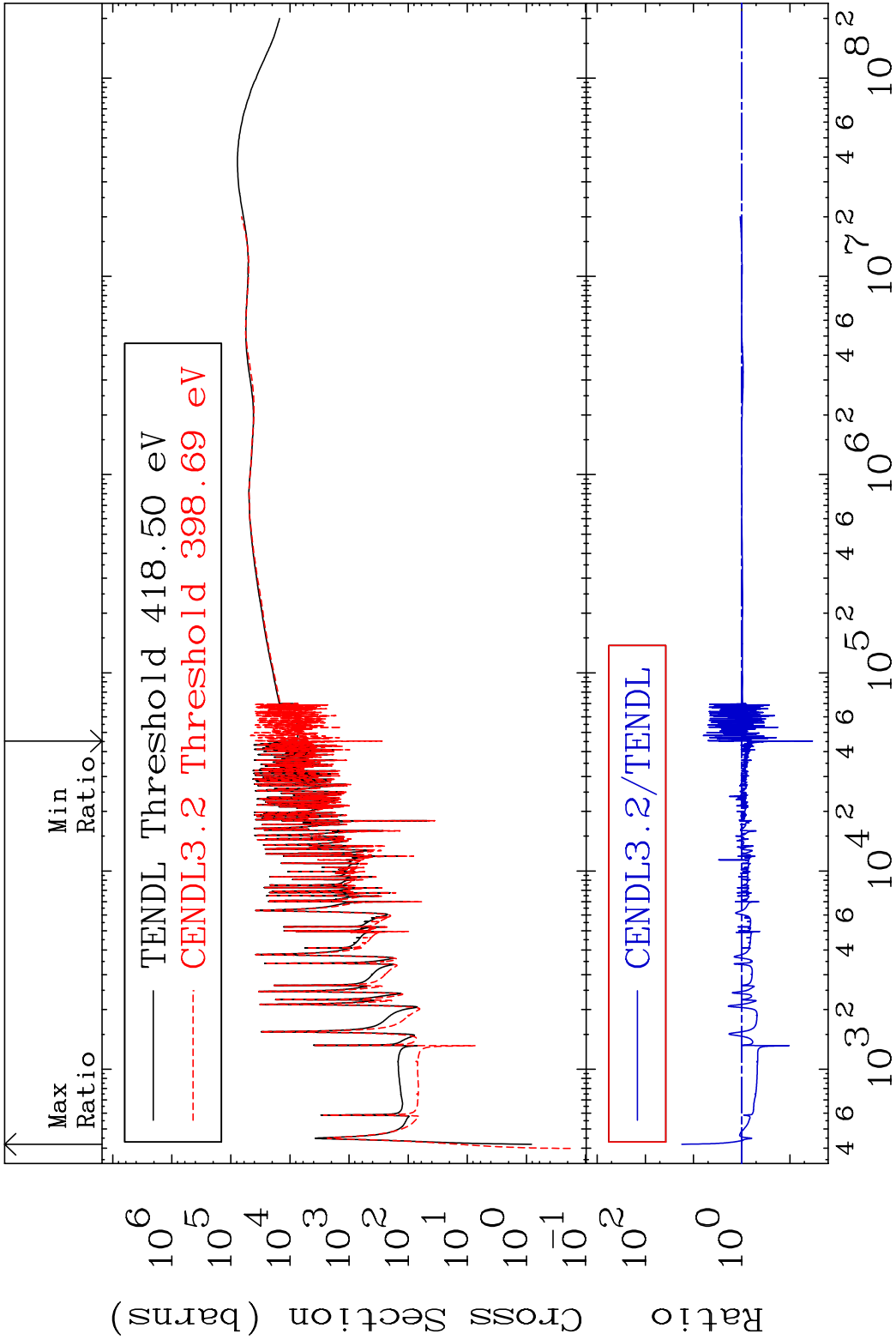
MAT 3034 Total kinematic kerma (high limit) 30-Zn-67
Cross Section -98.70 To 869.1 %



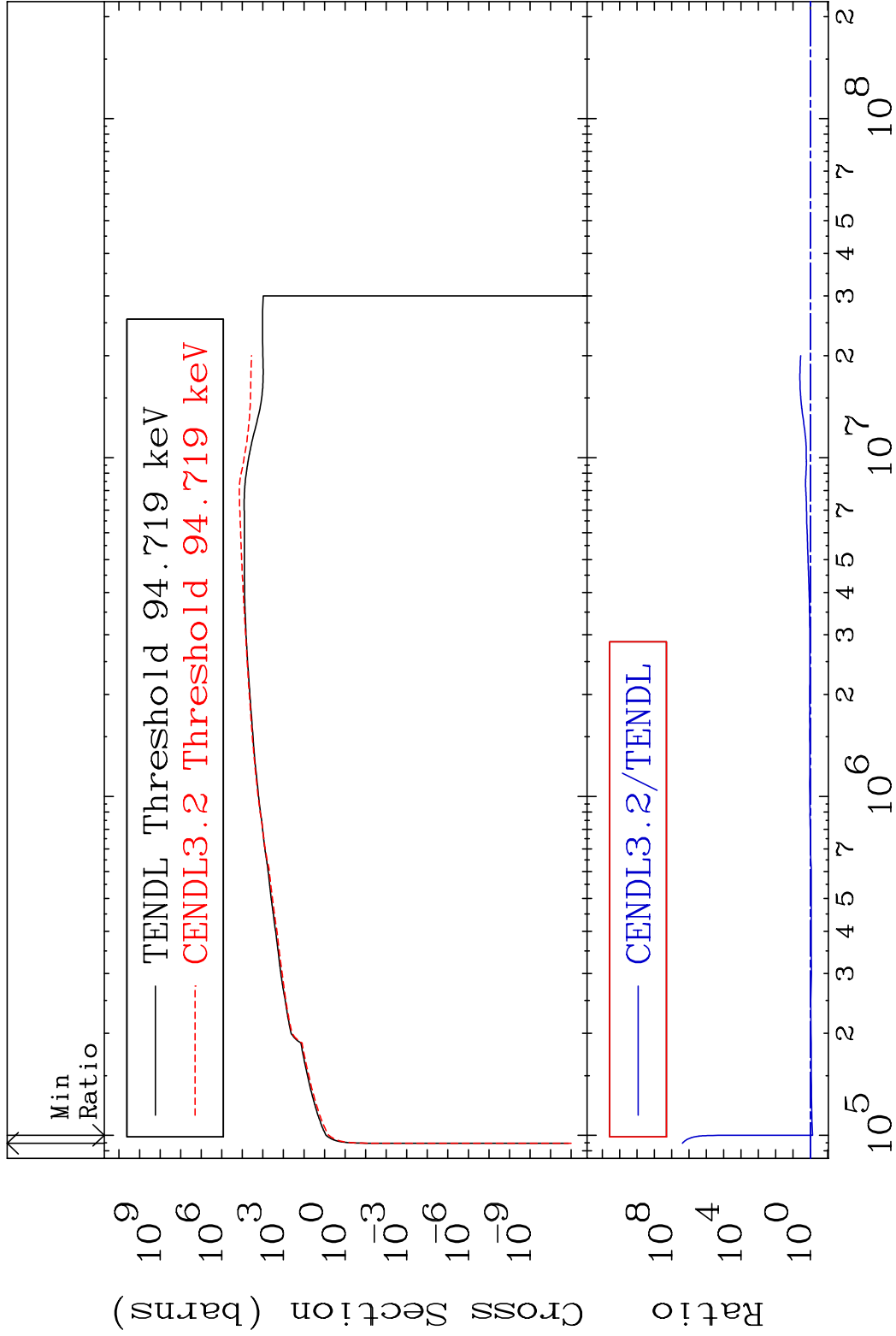
MAT 3034 Dpa total (eV-barns) 30-Zn-67
 Cross Section -94.75 To 2527. %



MAT 3034 Dpa elastic (mt2) 30-Zn-67
Cross Section -96.58 To 1654. %

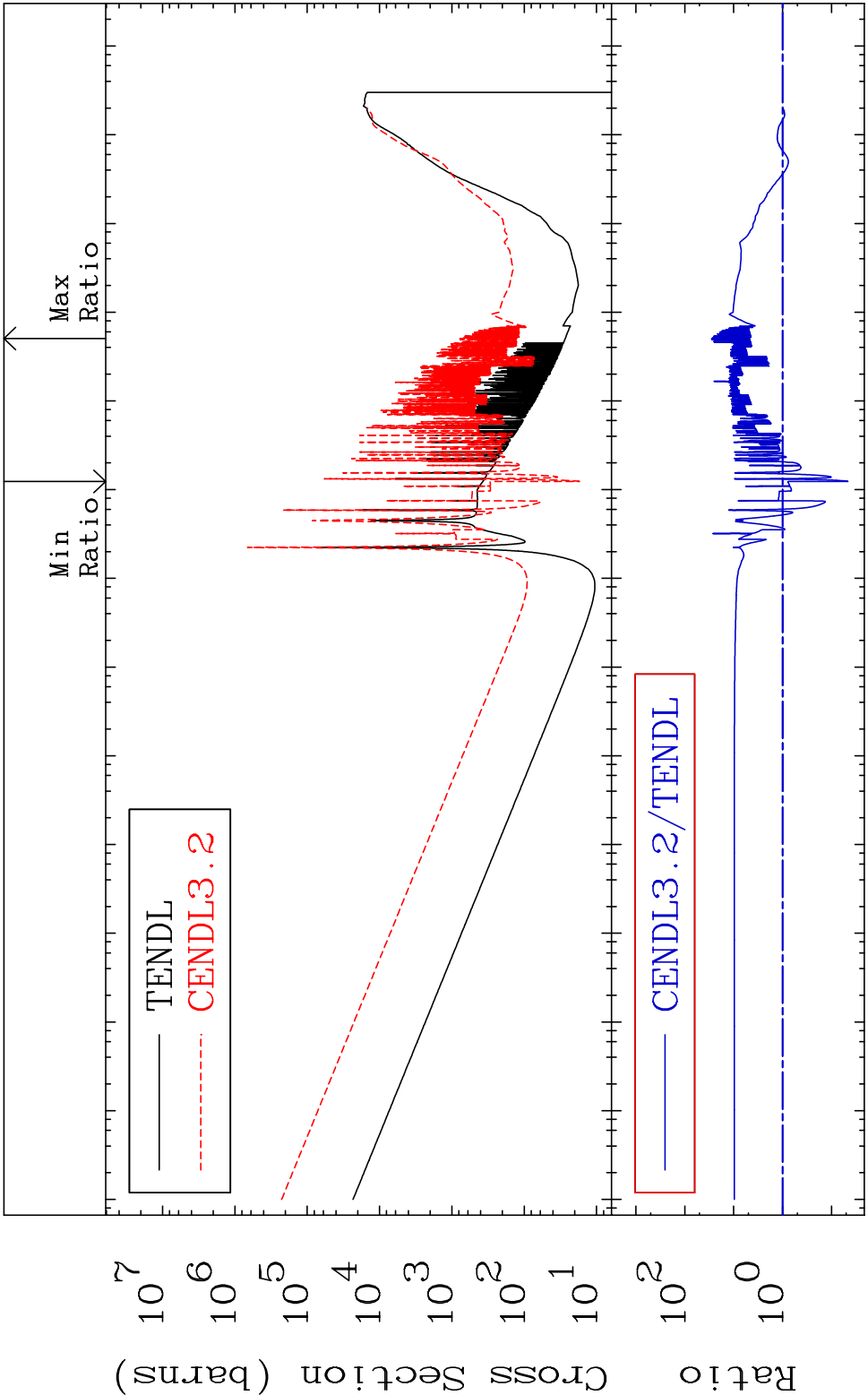


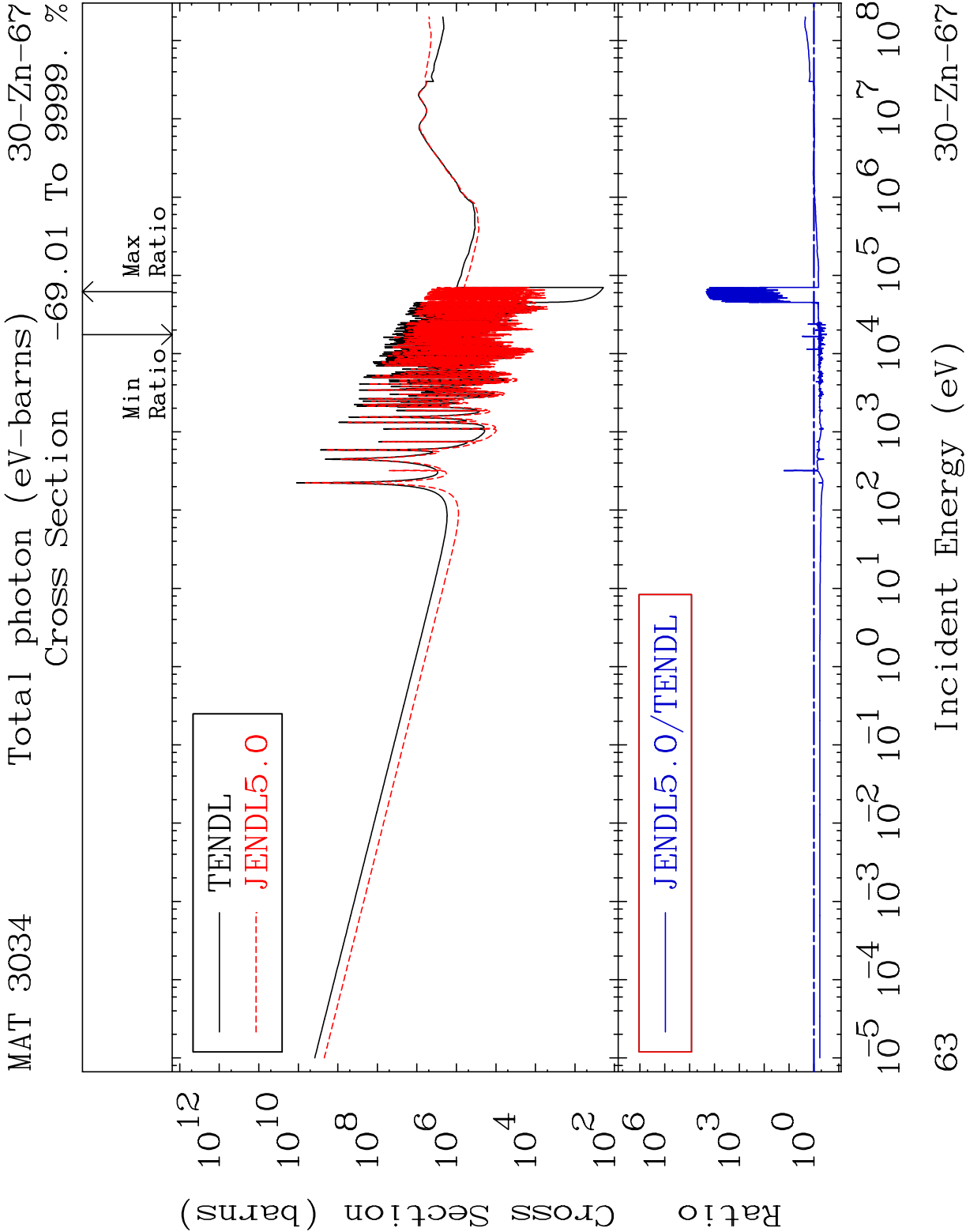
MAT 3034 Dpa inelastic (mt51-91) 30-Zn-67
Cross Section -26.52 To 9999. %



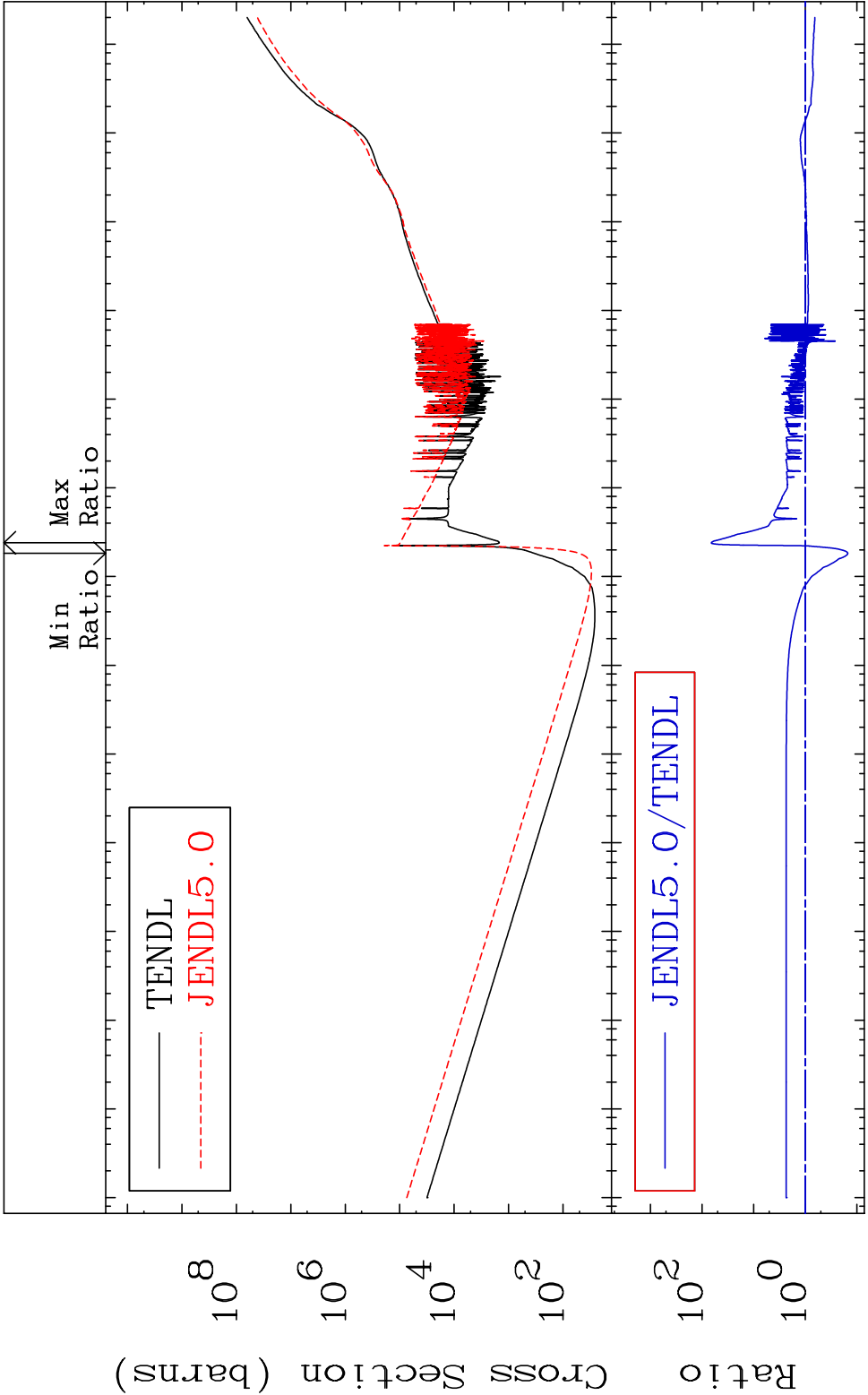
61 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67
 Cross Section -95.36 To 2763. %



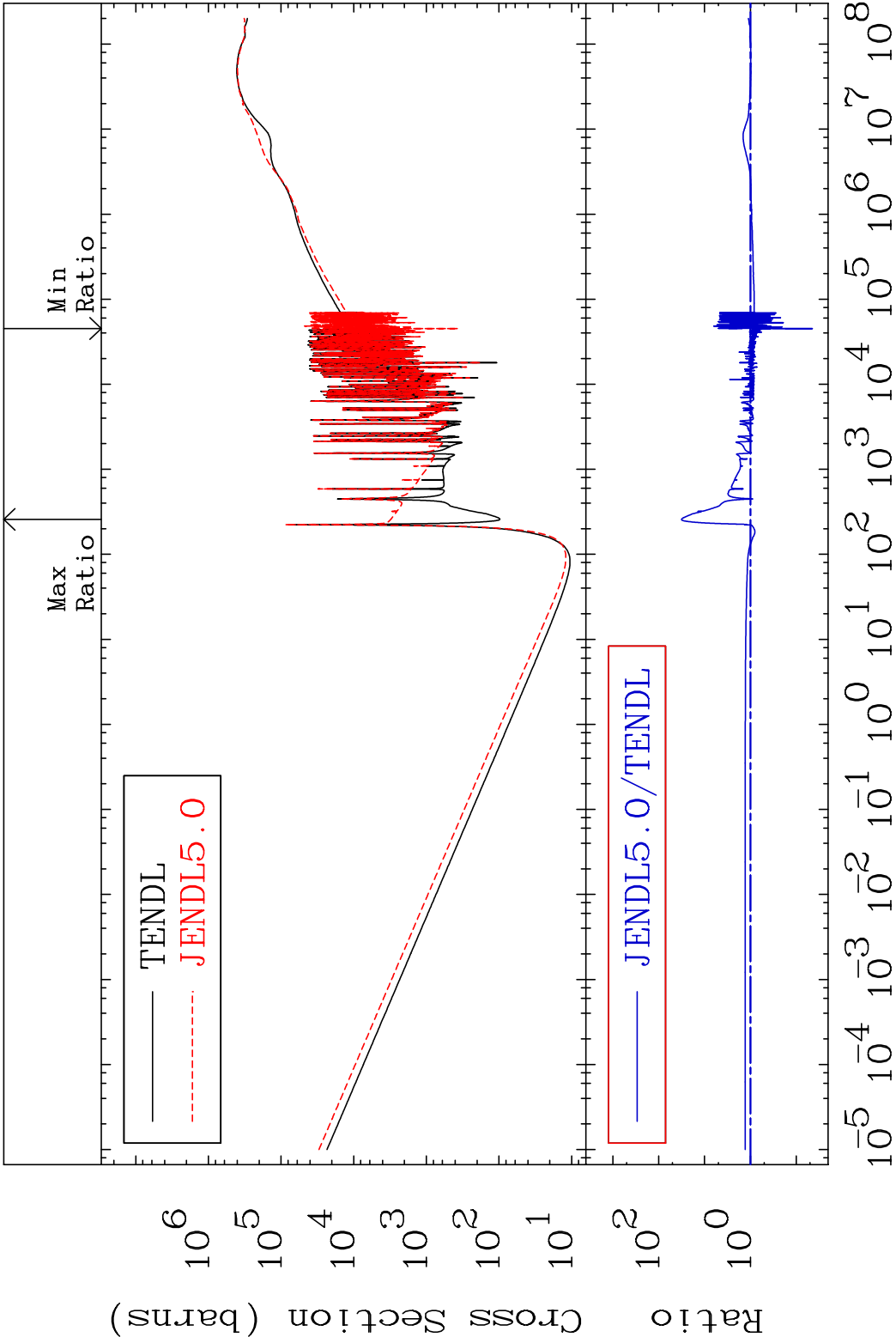


MAT 3034 Total kinematic kerma (high limit) 30-Zn-67
Cross Section -85.01 To 6505. %

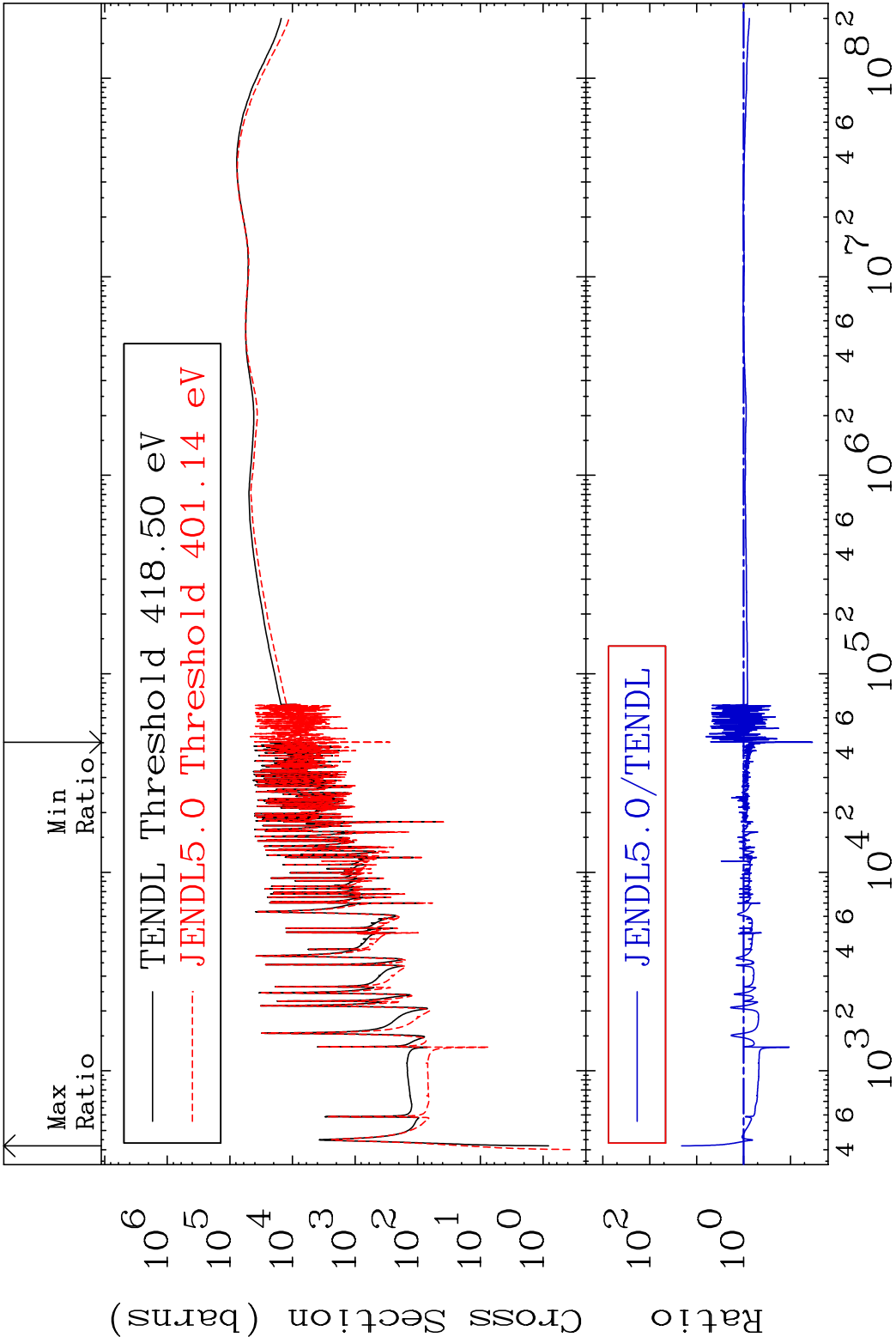


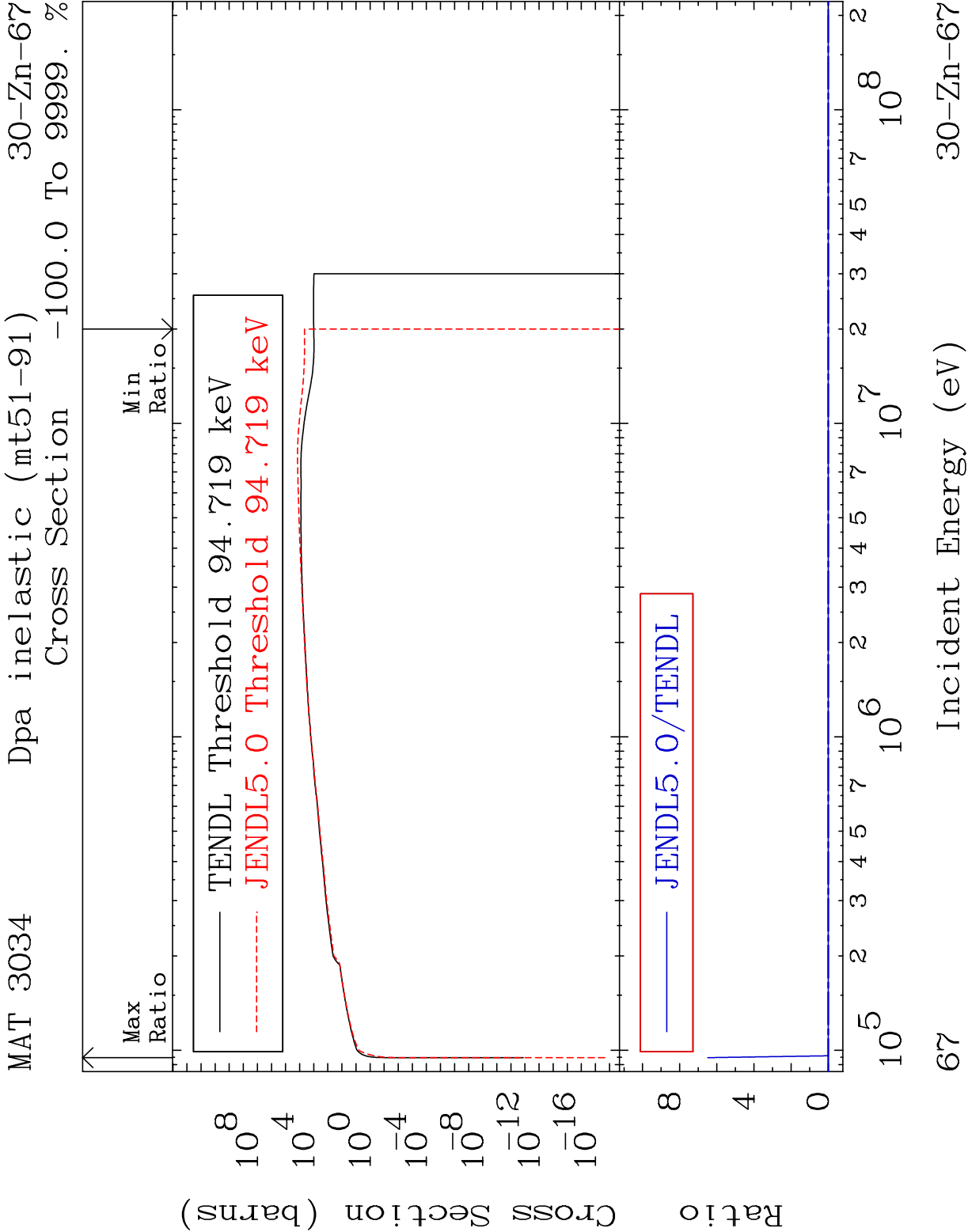
64 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa total (eV-barns) 30-Zn-67
Cross Section -95.54 To 3079. %

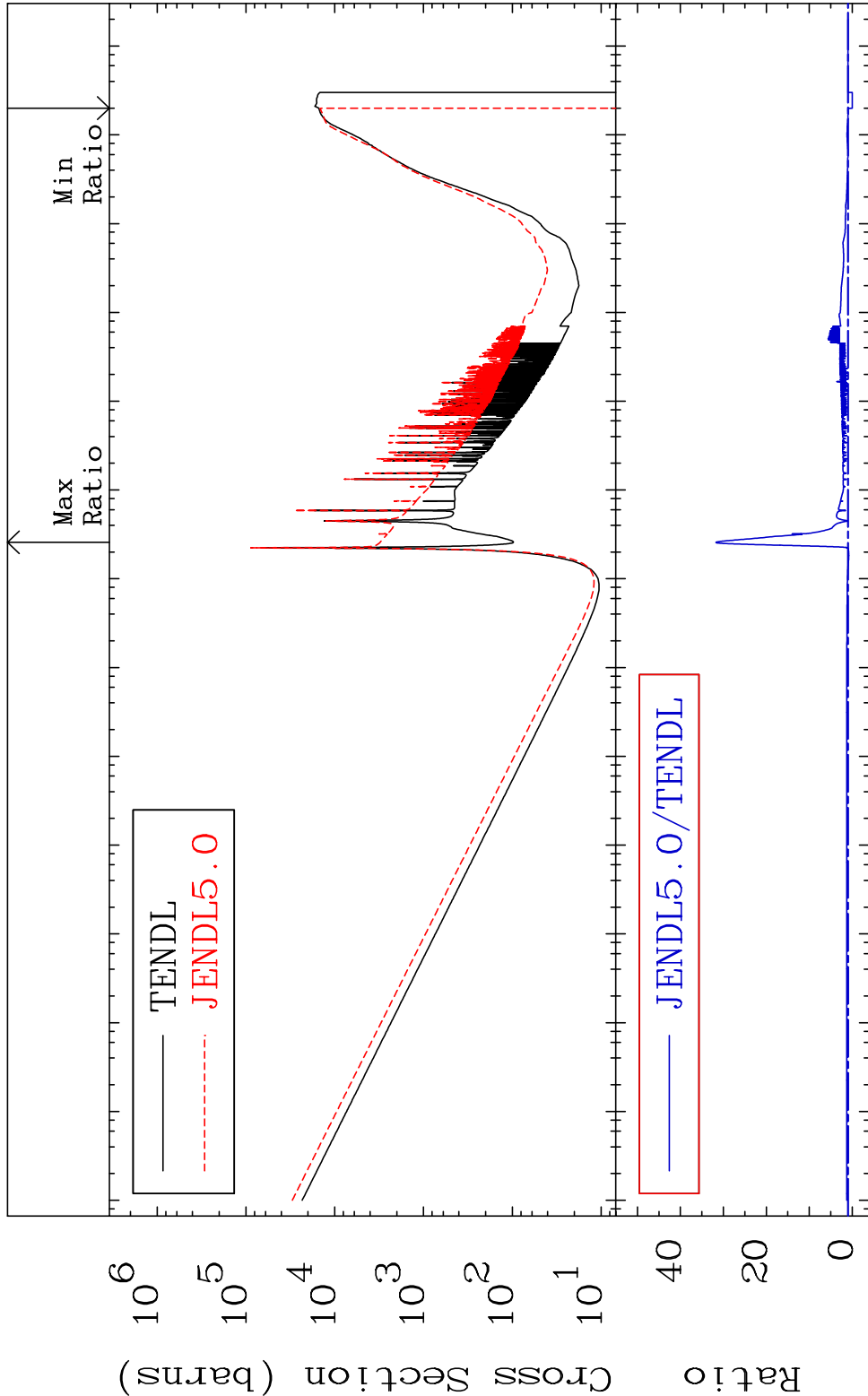


65 Incident Energy (eV) 30-Zn-67





Cross Section -100.0 To 3079. %

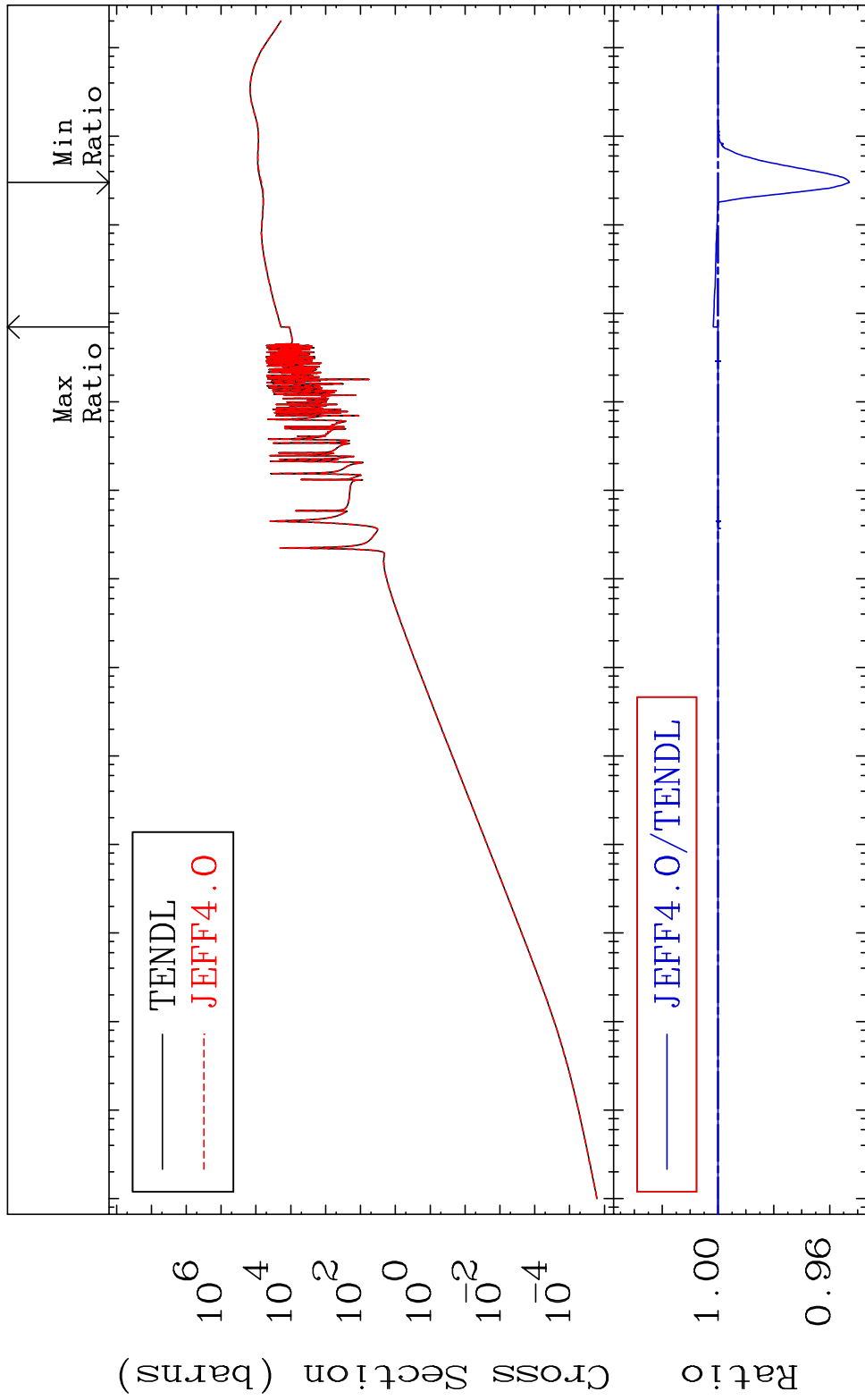


MAT 3034

Kerma elastic
Cross Section

30-Zn-67

-4.703 To 0.174 %



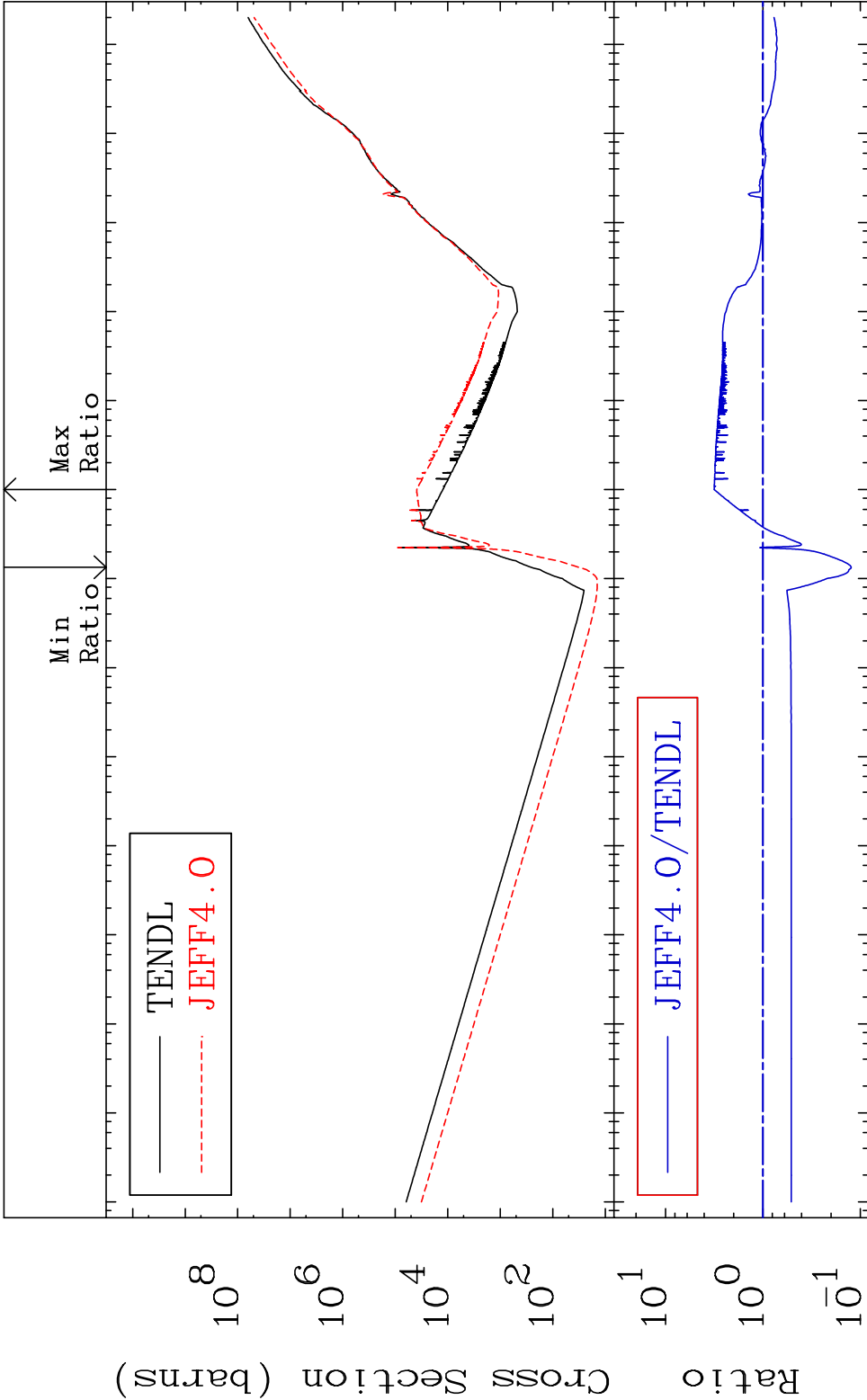
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

69

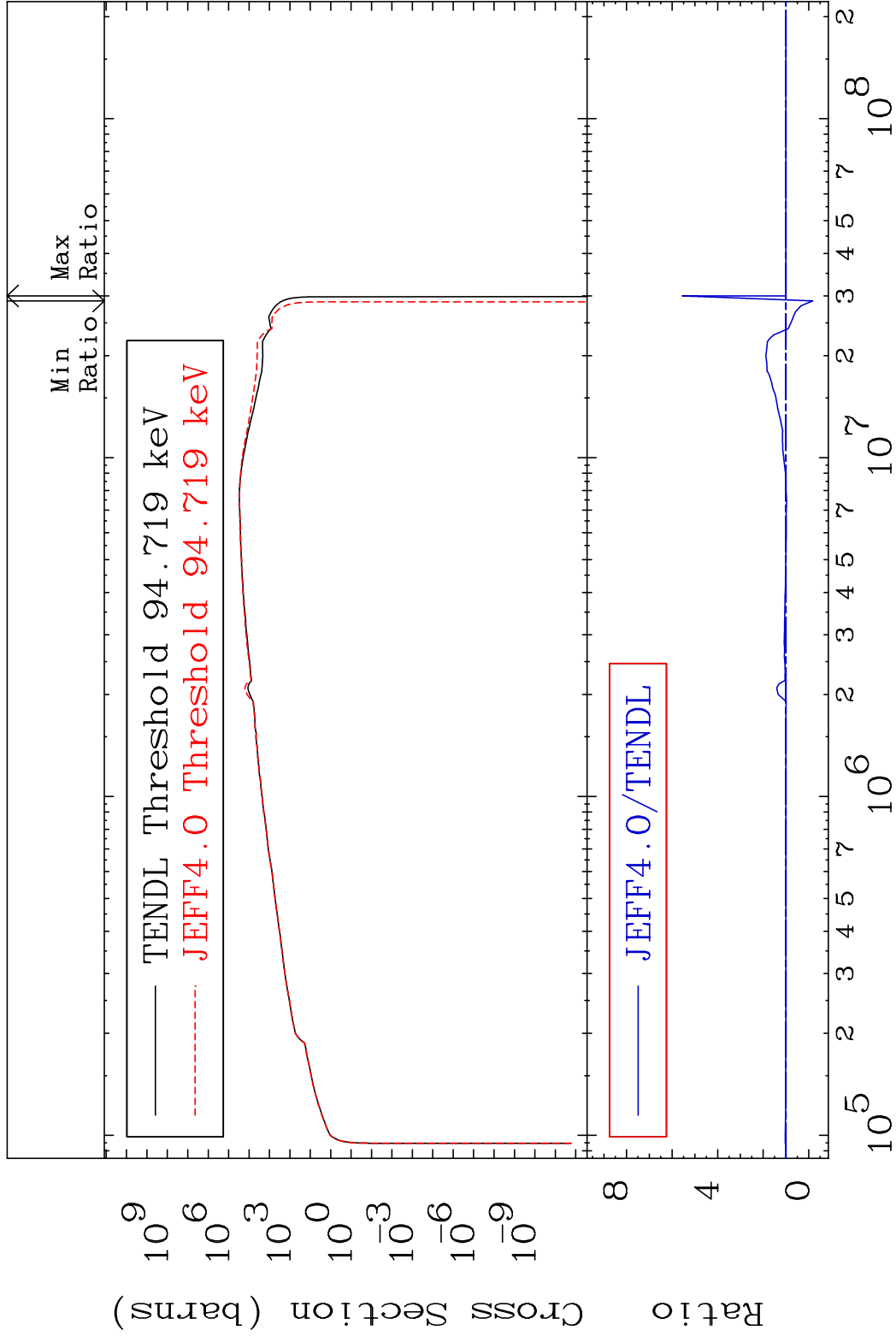
Incident Energy (eV)

30-Zn-67

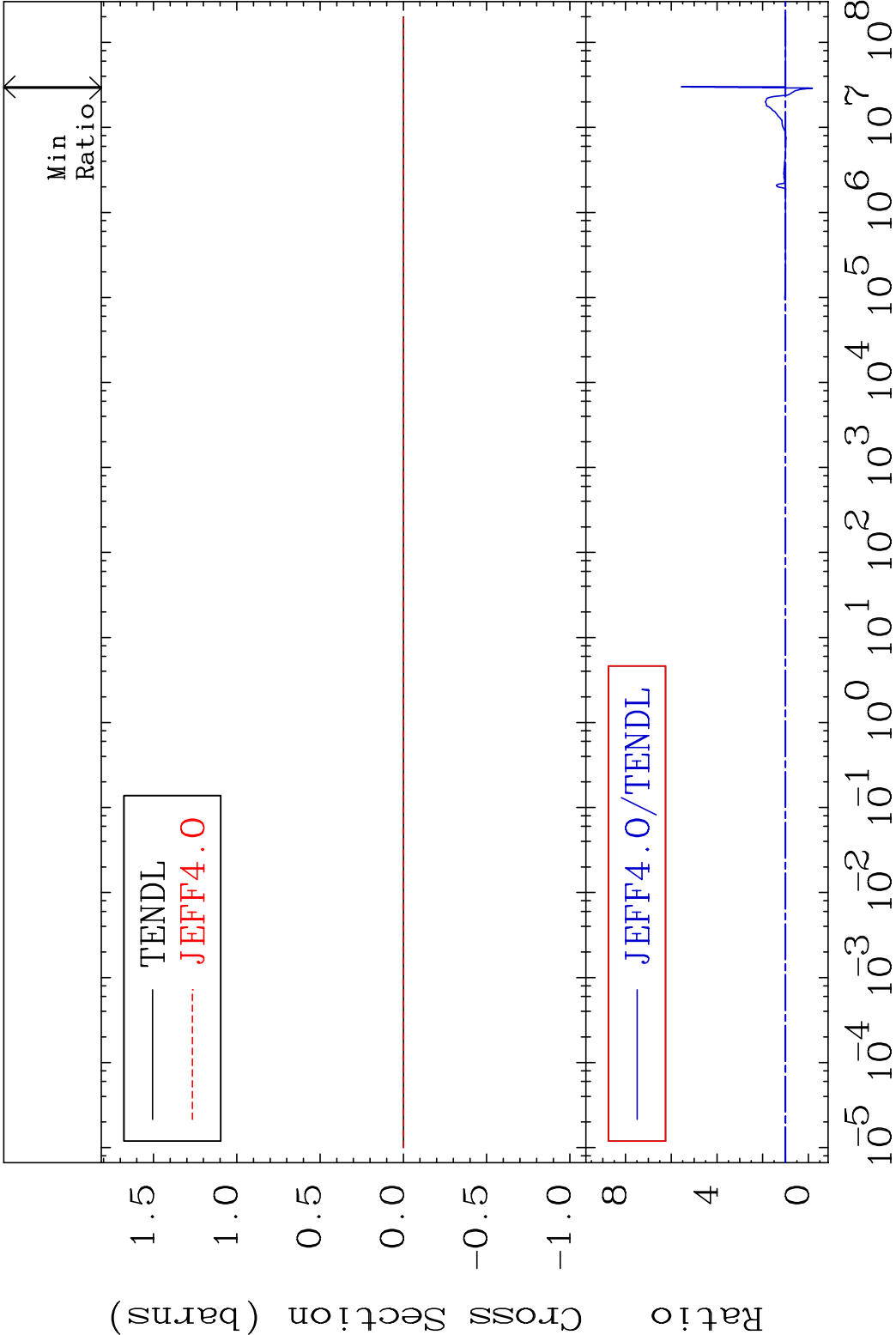
MAT 3034 Kerma non-elastic (all but mt2) 30-Zn-67
Cross Section -87.58 To 216.0 %



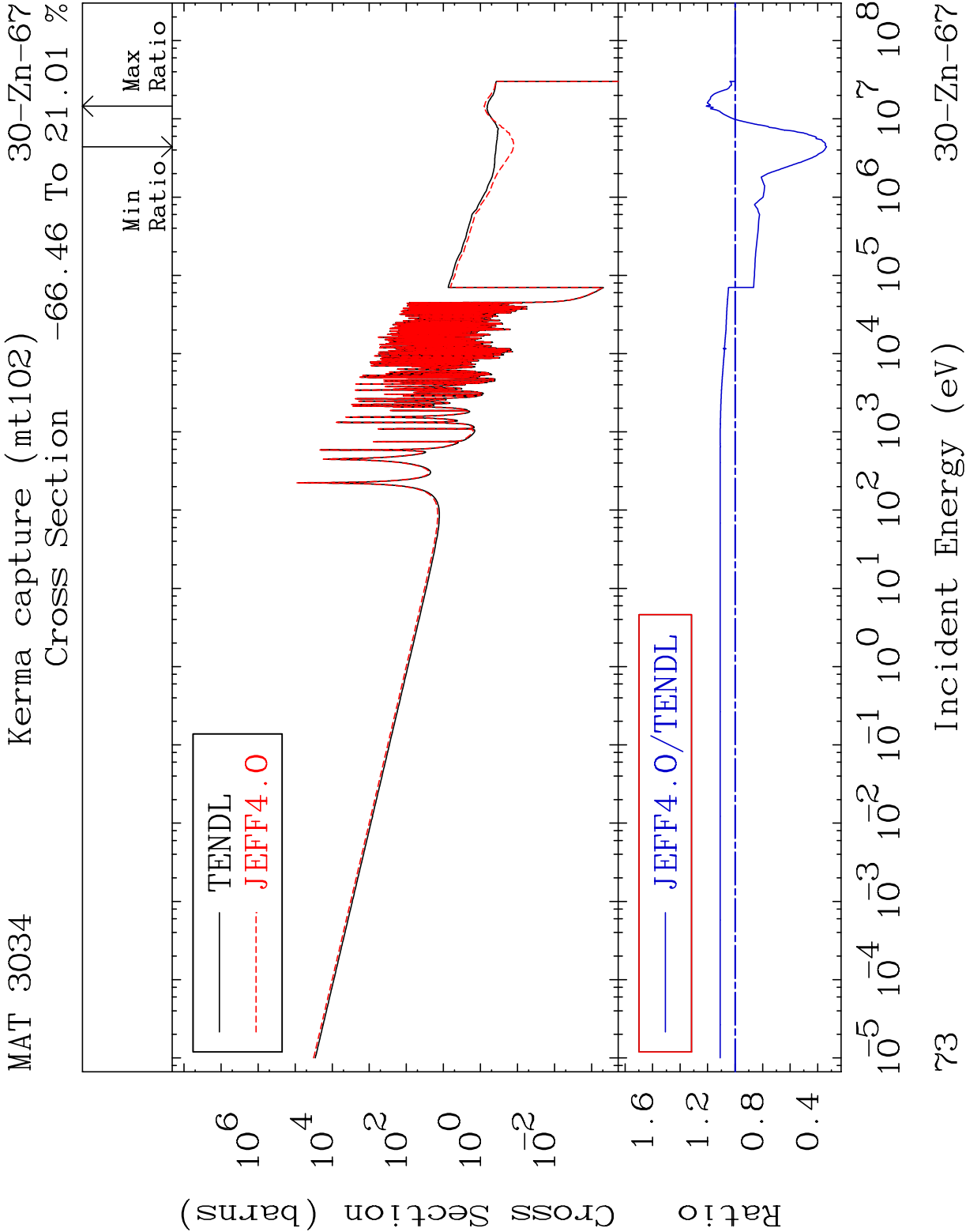
70 Incident Energy (eV) 30-Zn-67

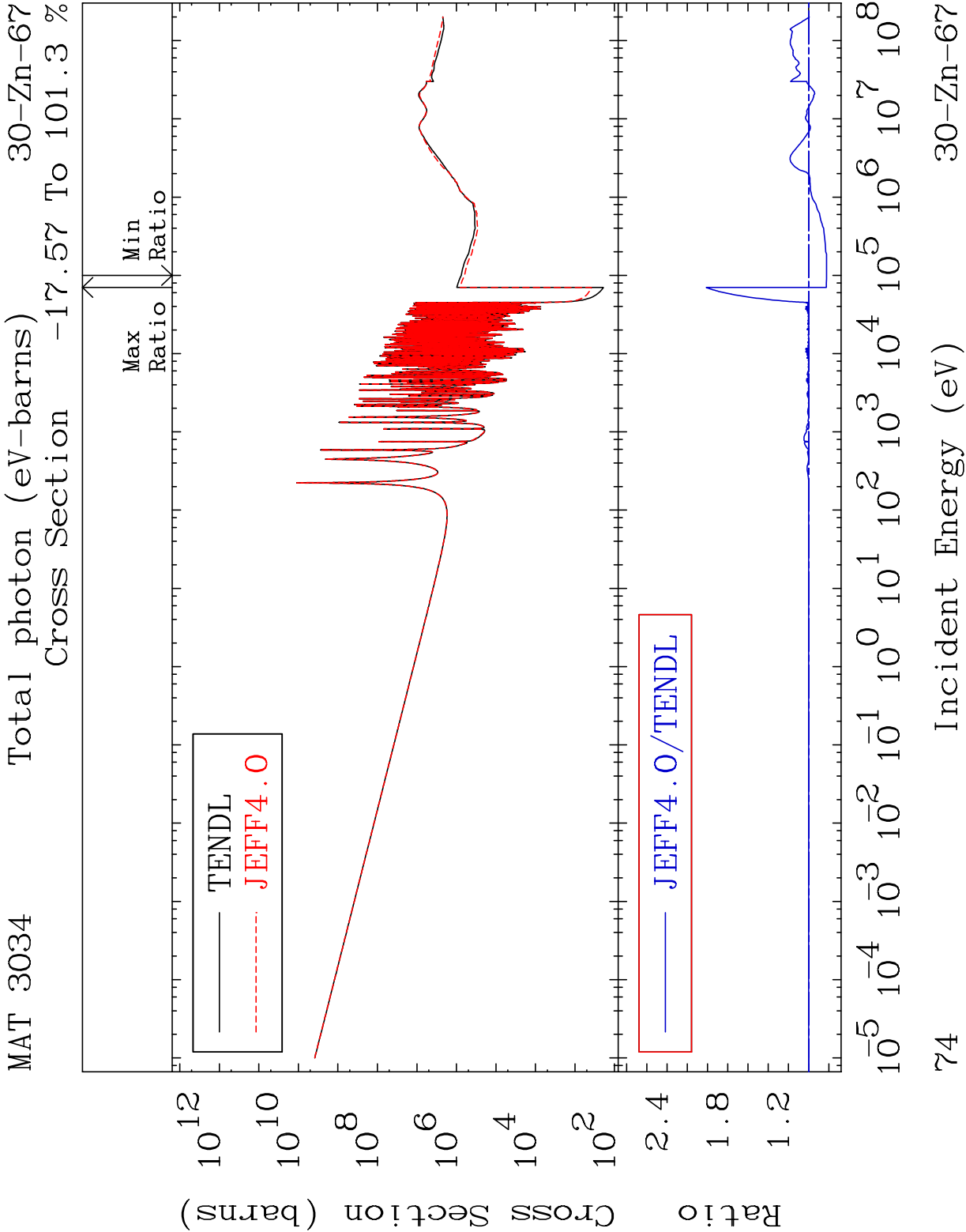


MAT 3034 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-67
Cross Section -116.9 To 455.1 %

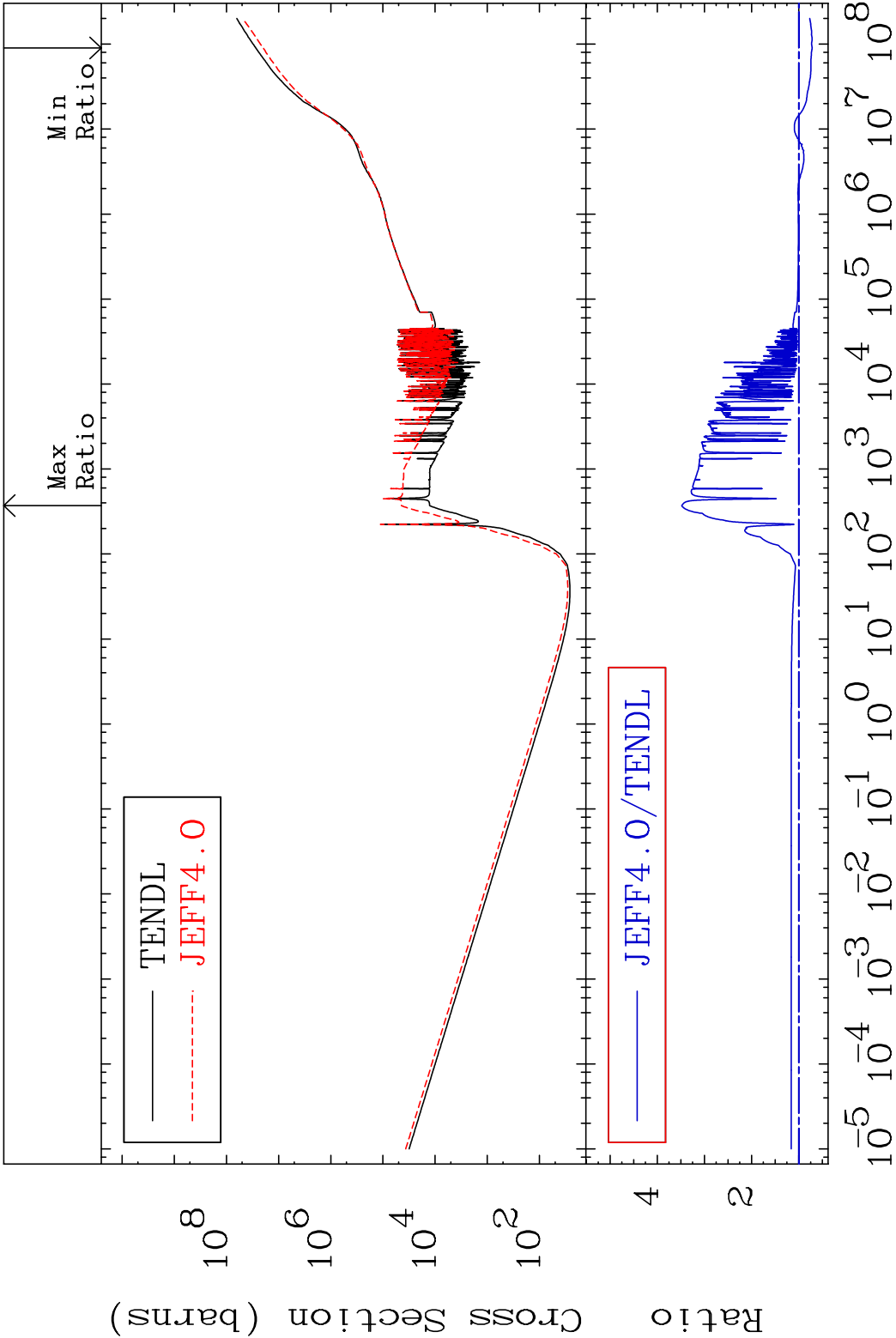


72 Incident Energy (eV) 30-Zn-67

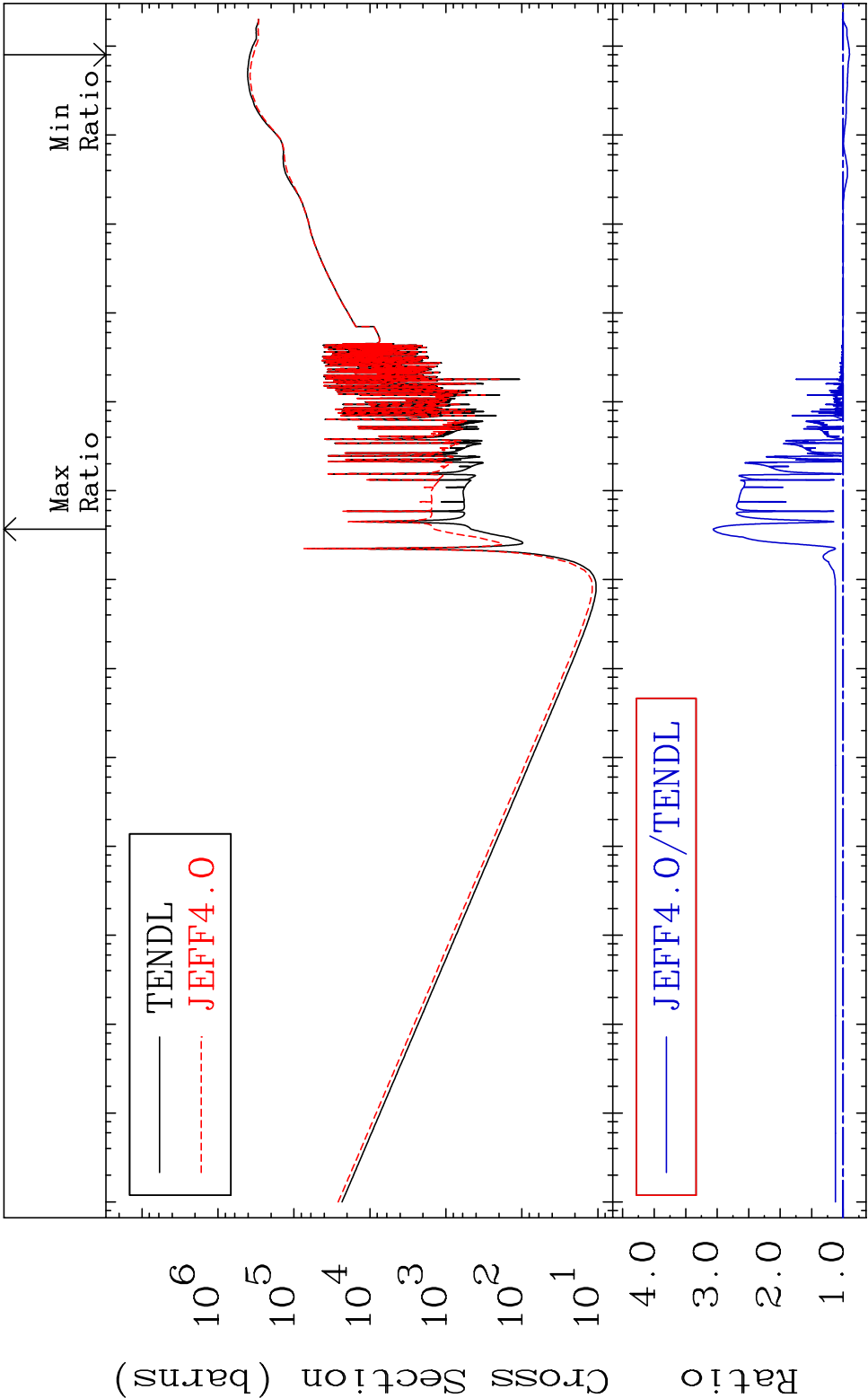




MAT 3034 Total kinematic kerma (high limit) 30-Zn-67
Cross Section -28.50 To 248.5 %

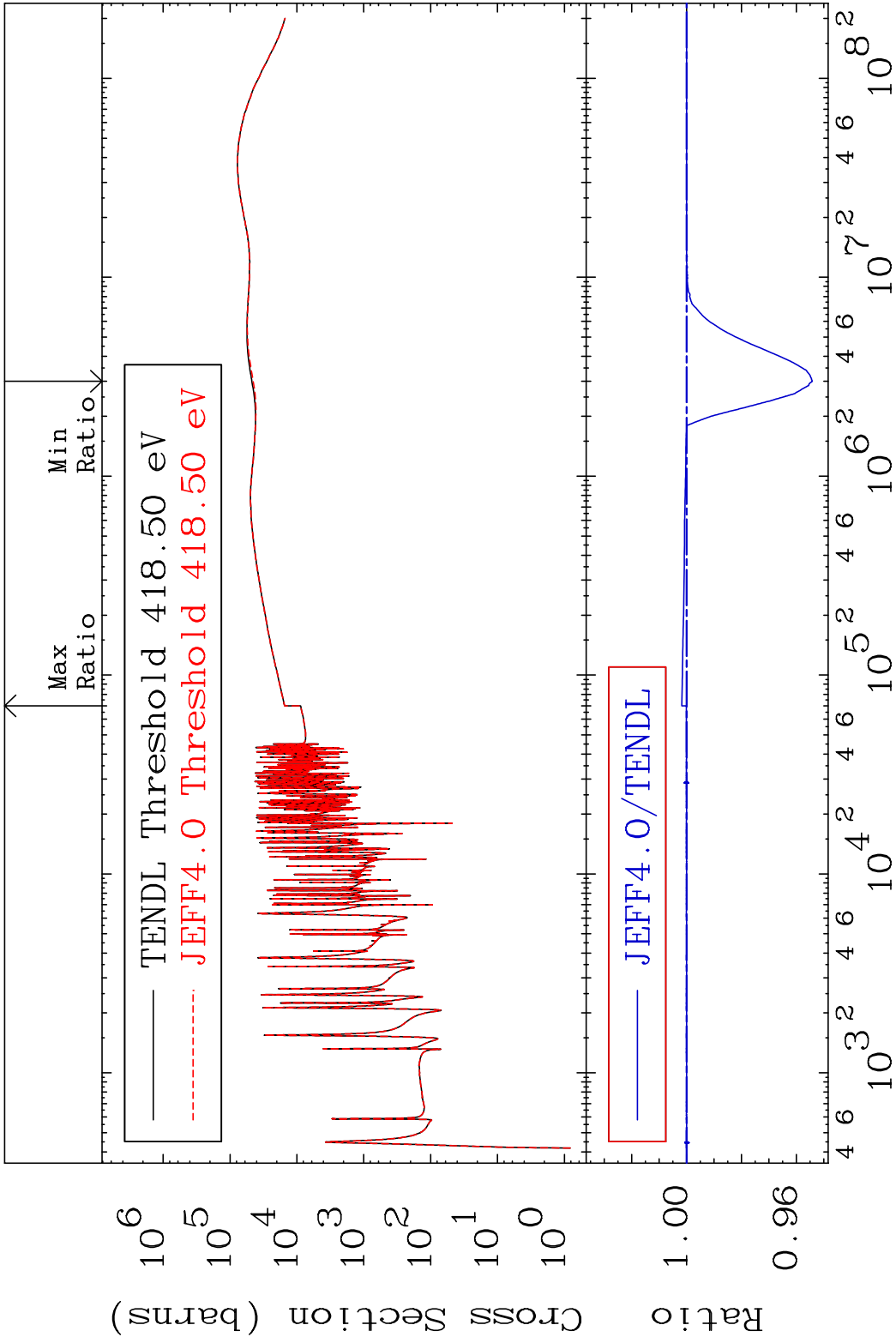


MAT 3034 Dpa total (eV-barns) 30-Zn-67
 Cross Section -10.03 To 206.9 %

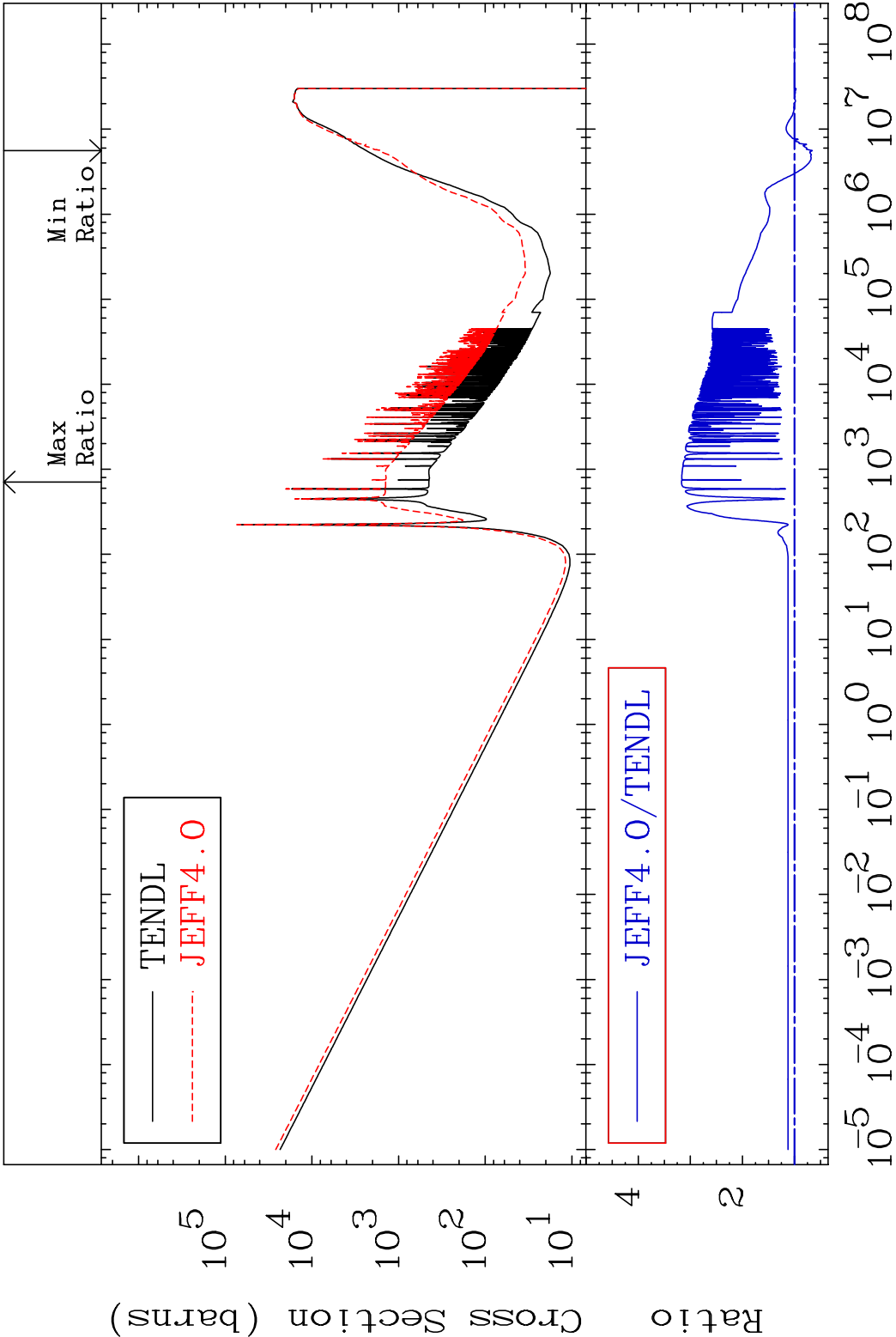


76 Incident Energy (eV) 30-Zn-67

MAT 3034 Dpa elastic (mt2) 30-Zn-67
Cross Section -4.584 To 0.174 %



MAT 3034 Dpa disappearance (mt102 -120) 30-Zn-67
Cross Section -34.02 To 216.9 %



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Incident Energy (eV)

30-Zn-67

