

Program Complot
(Version 2021-1)

by

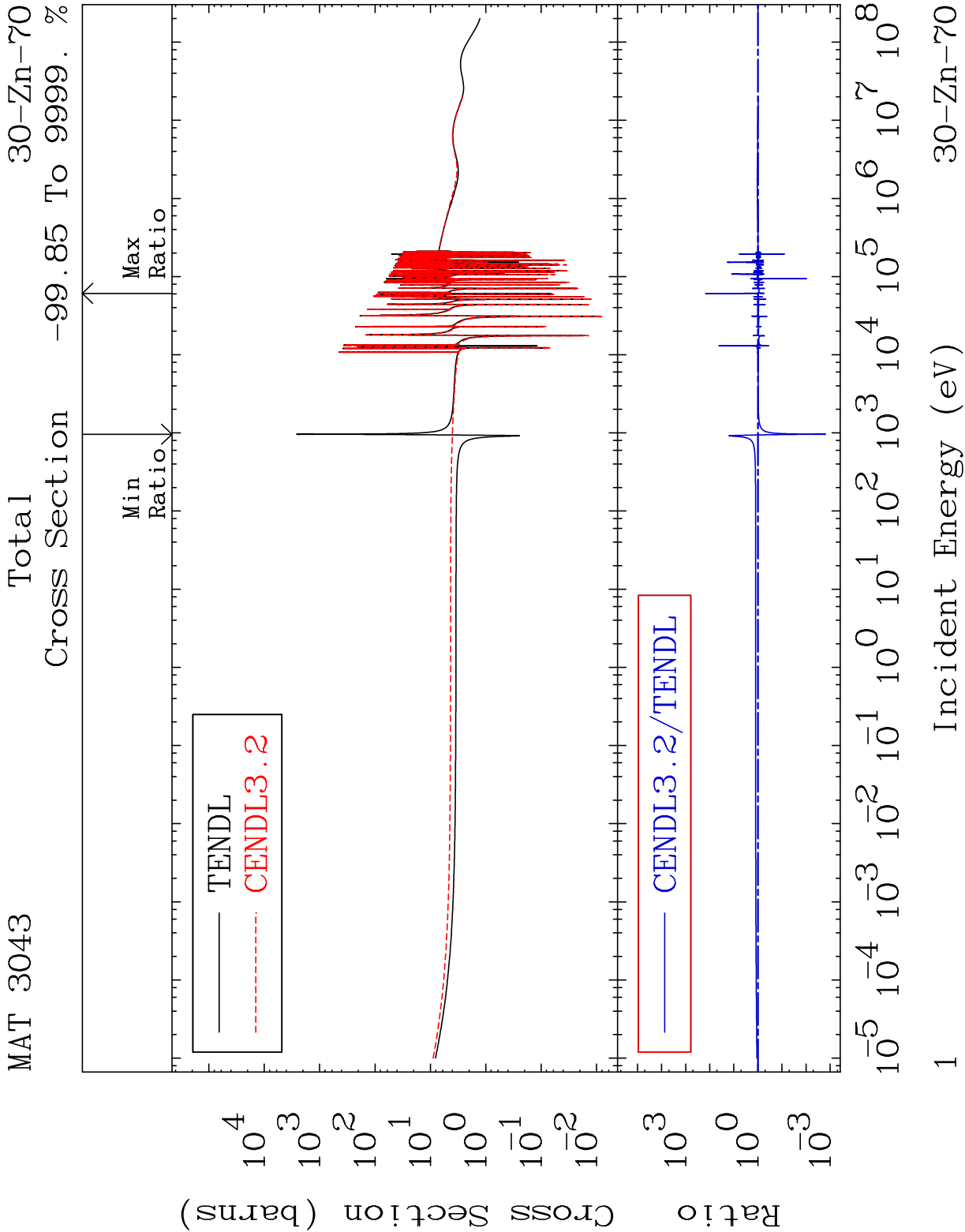
Dermott E. Cullen
(Present Contact Information)

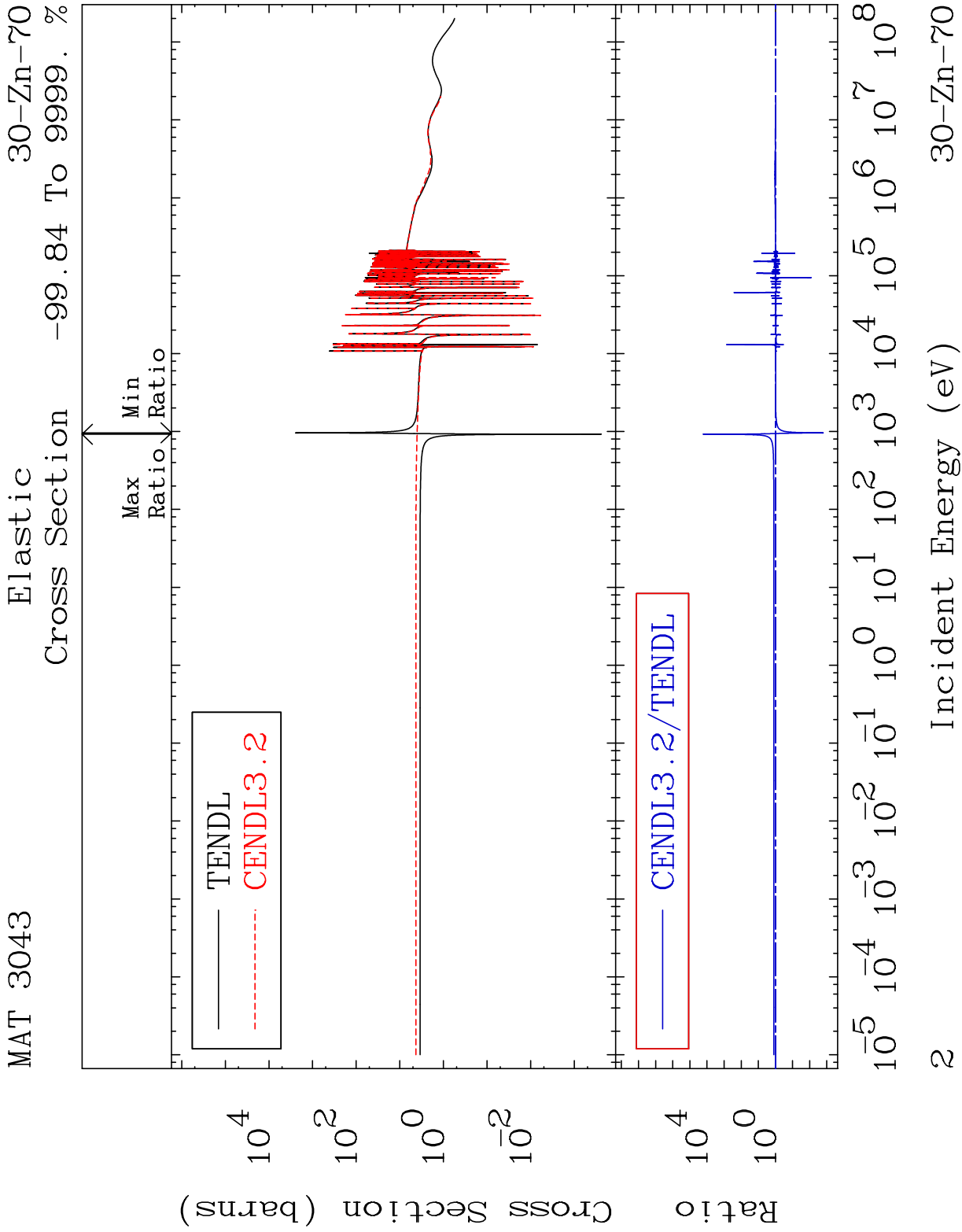
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

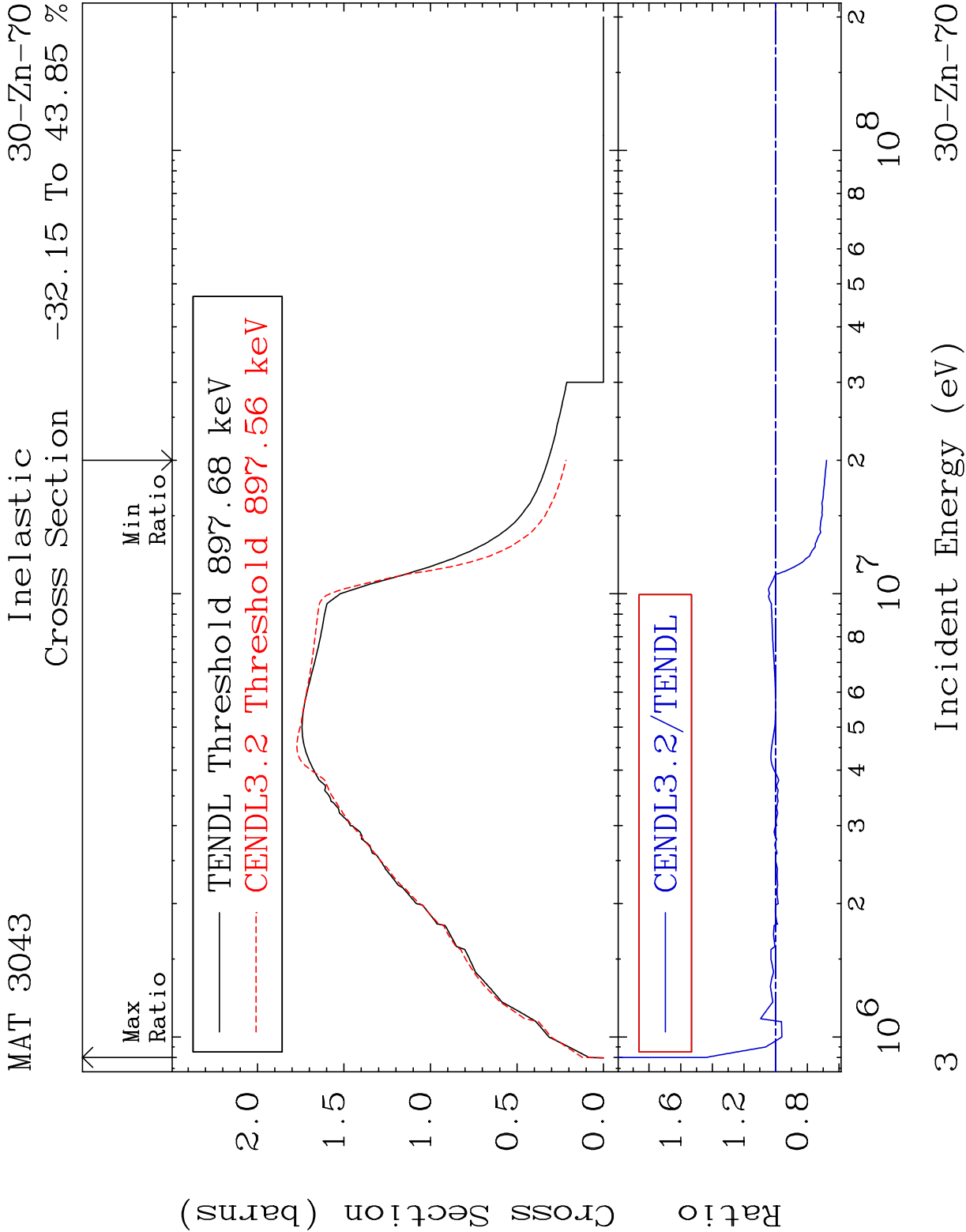
Tele: 925-443-1911

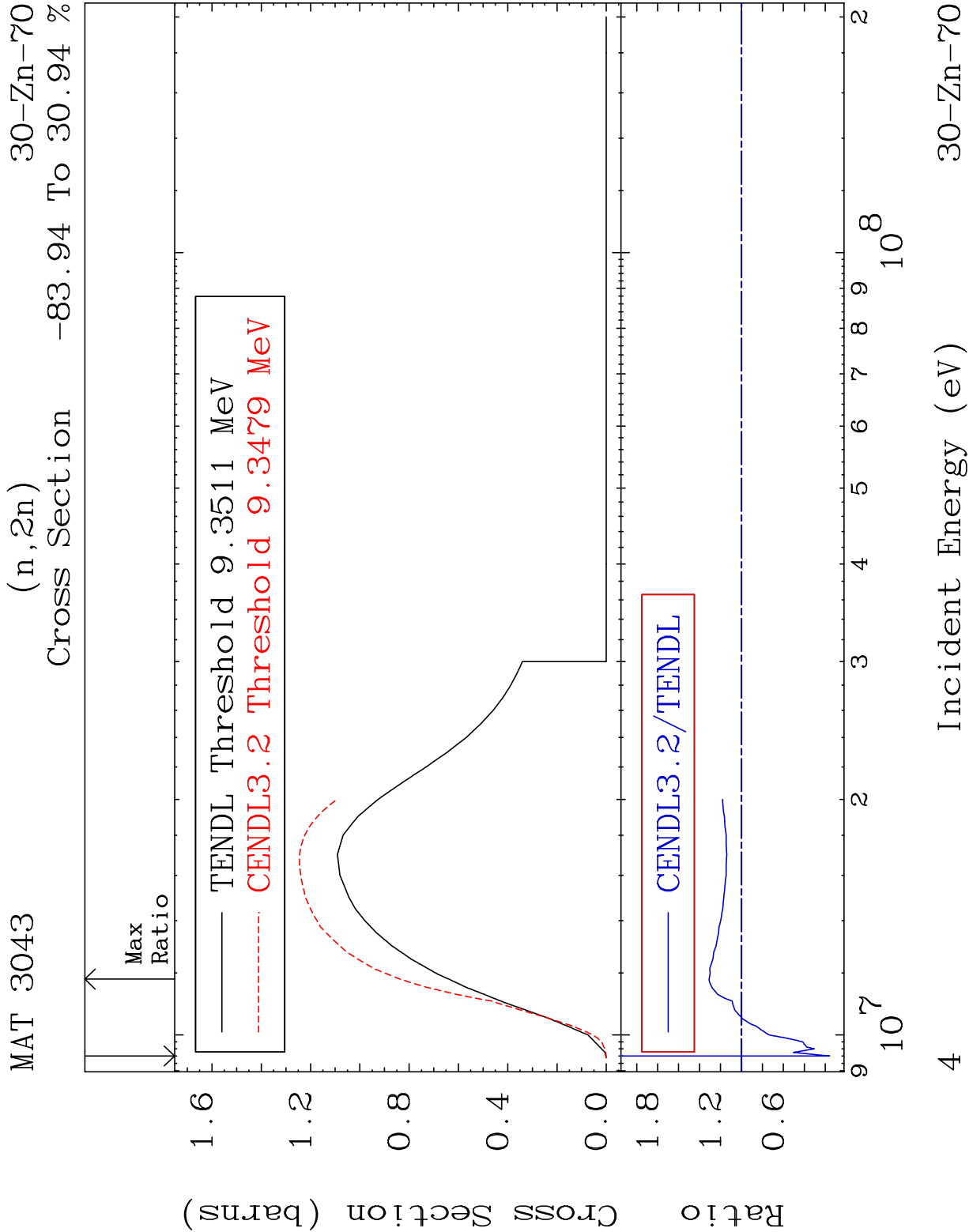
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

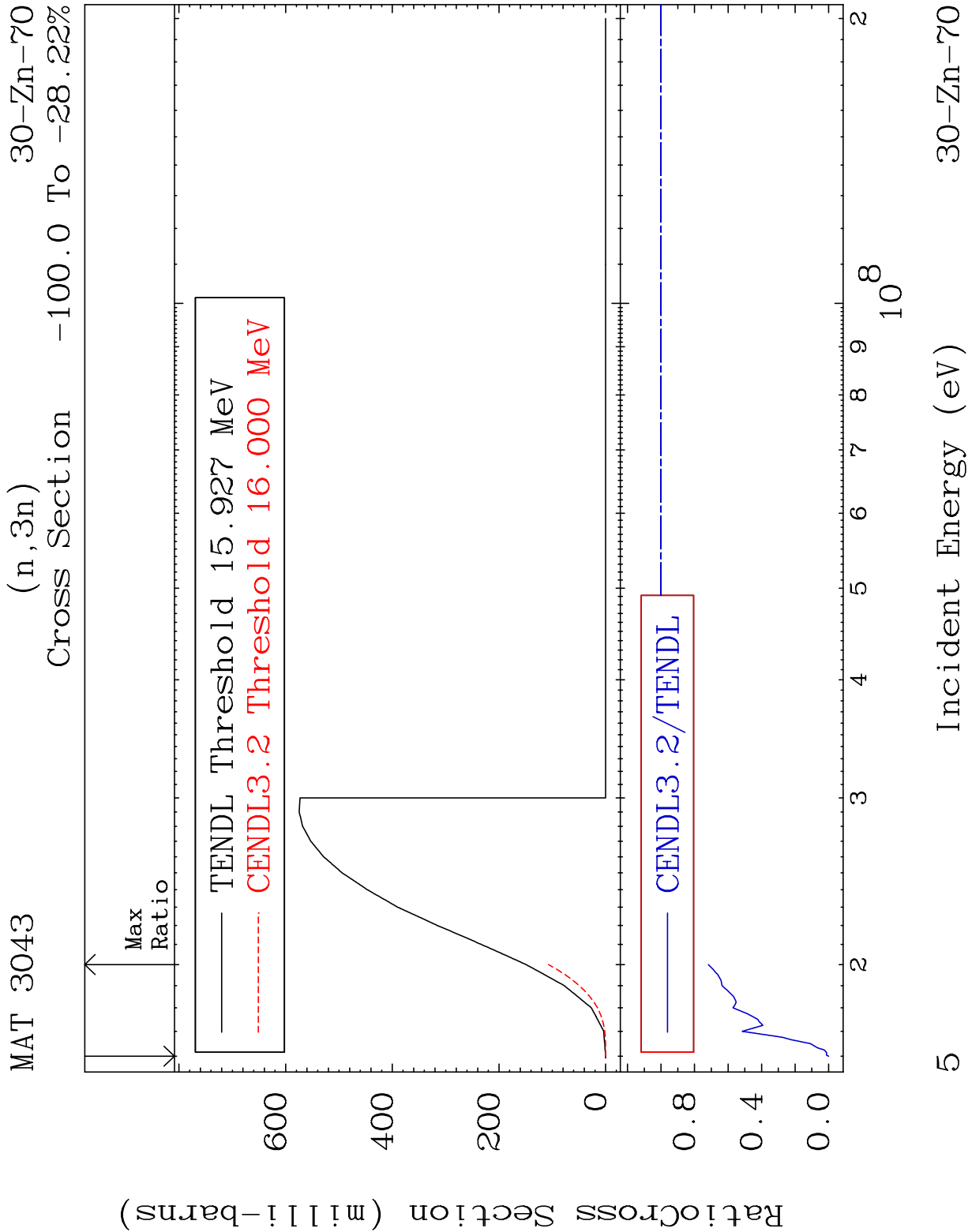
Press Mouse Button to Start

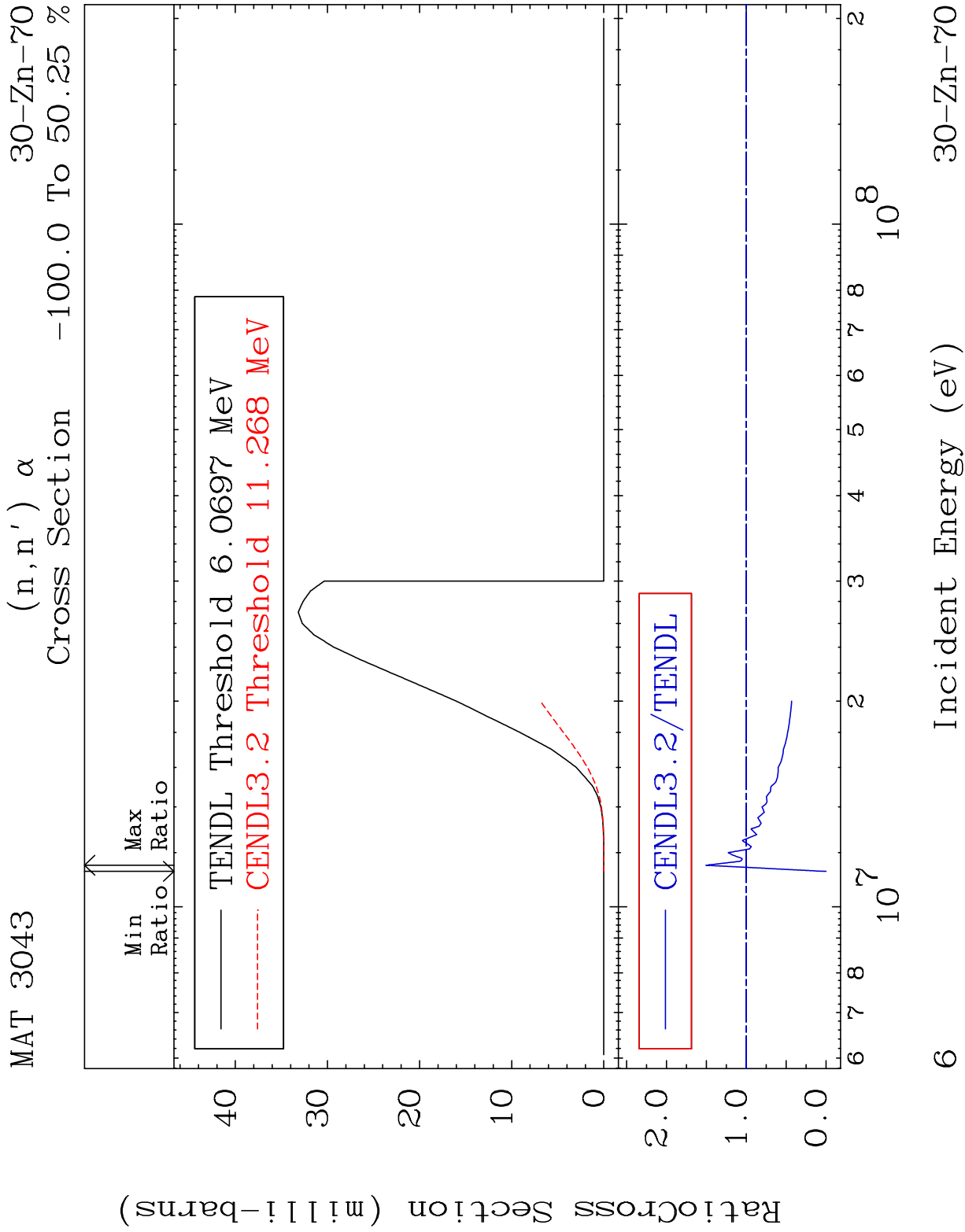


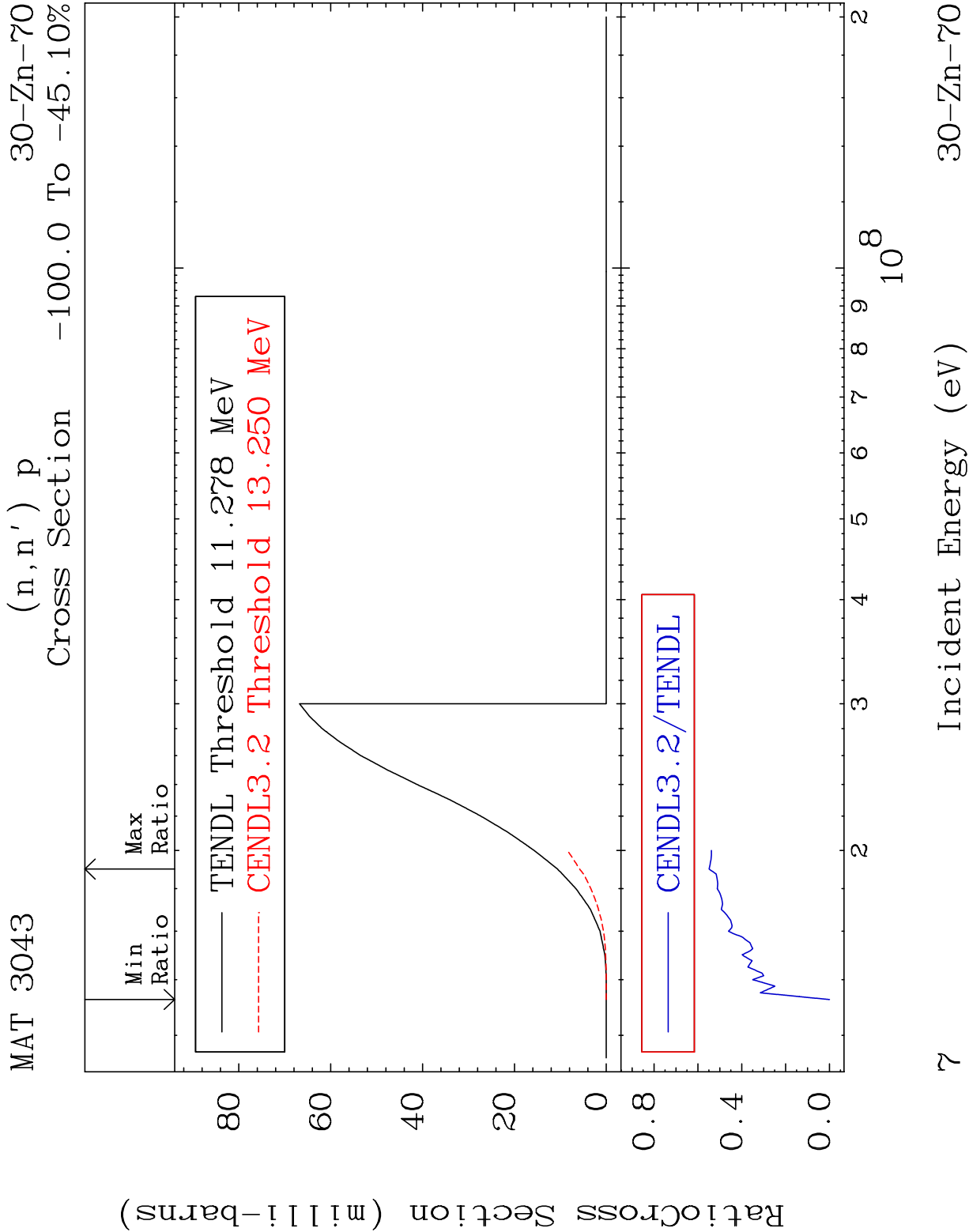




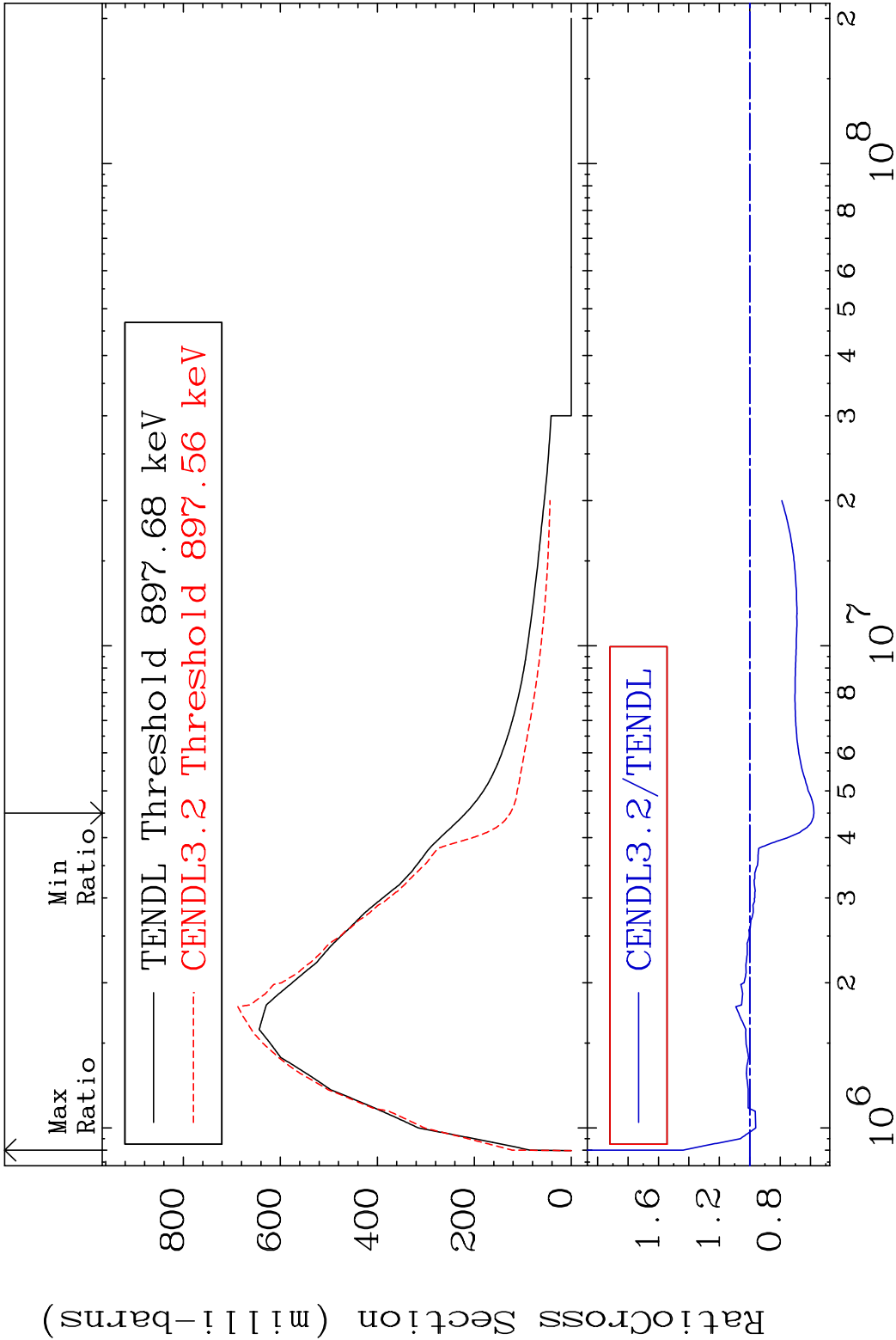


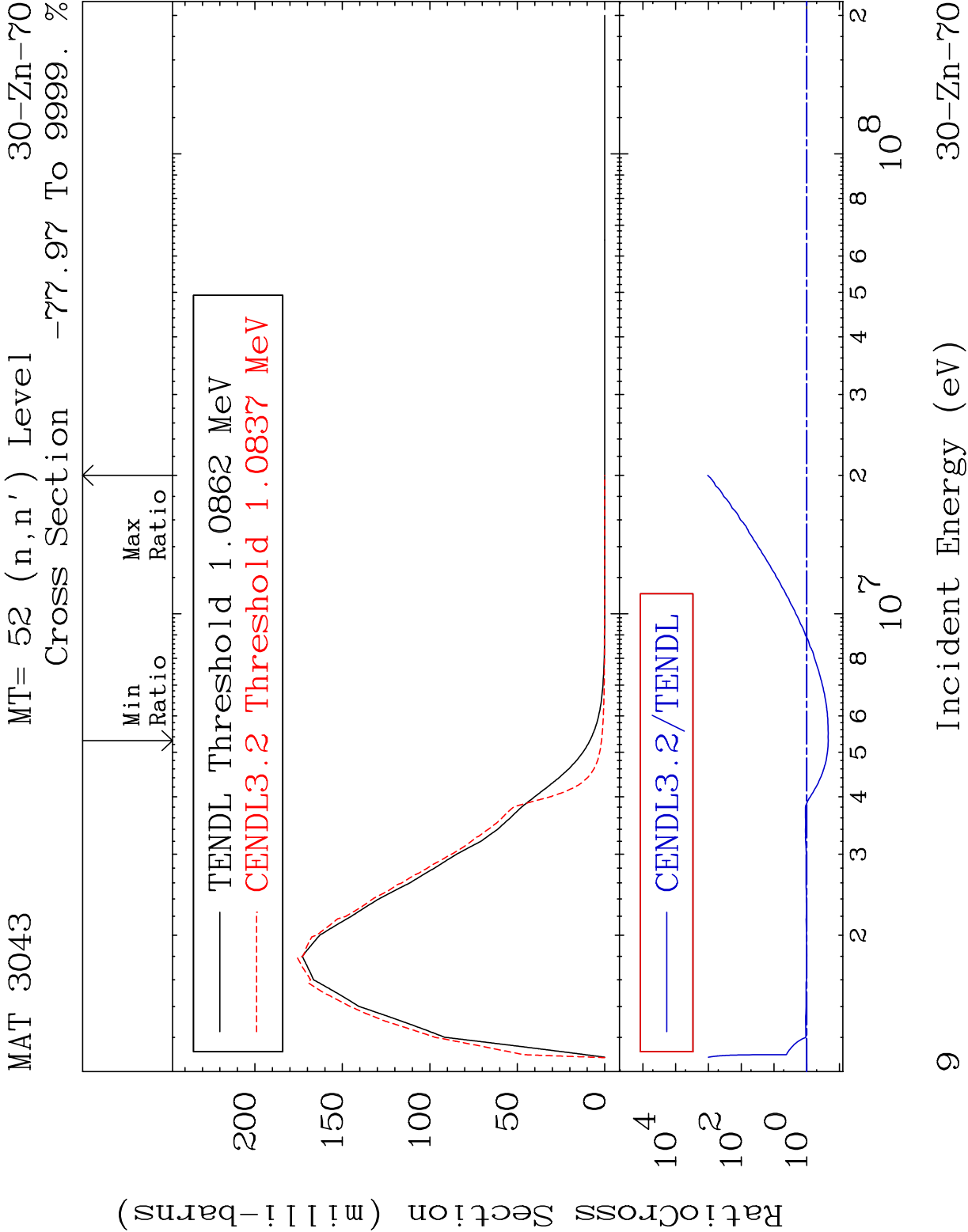




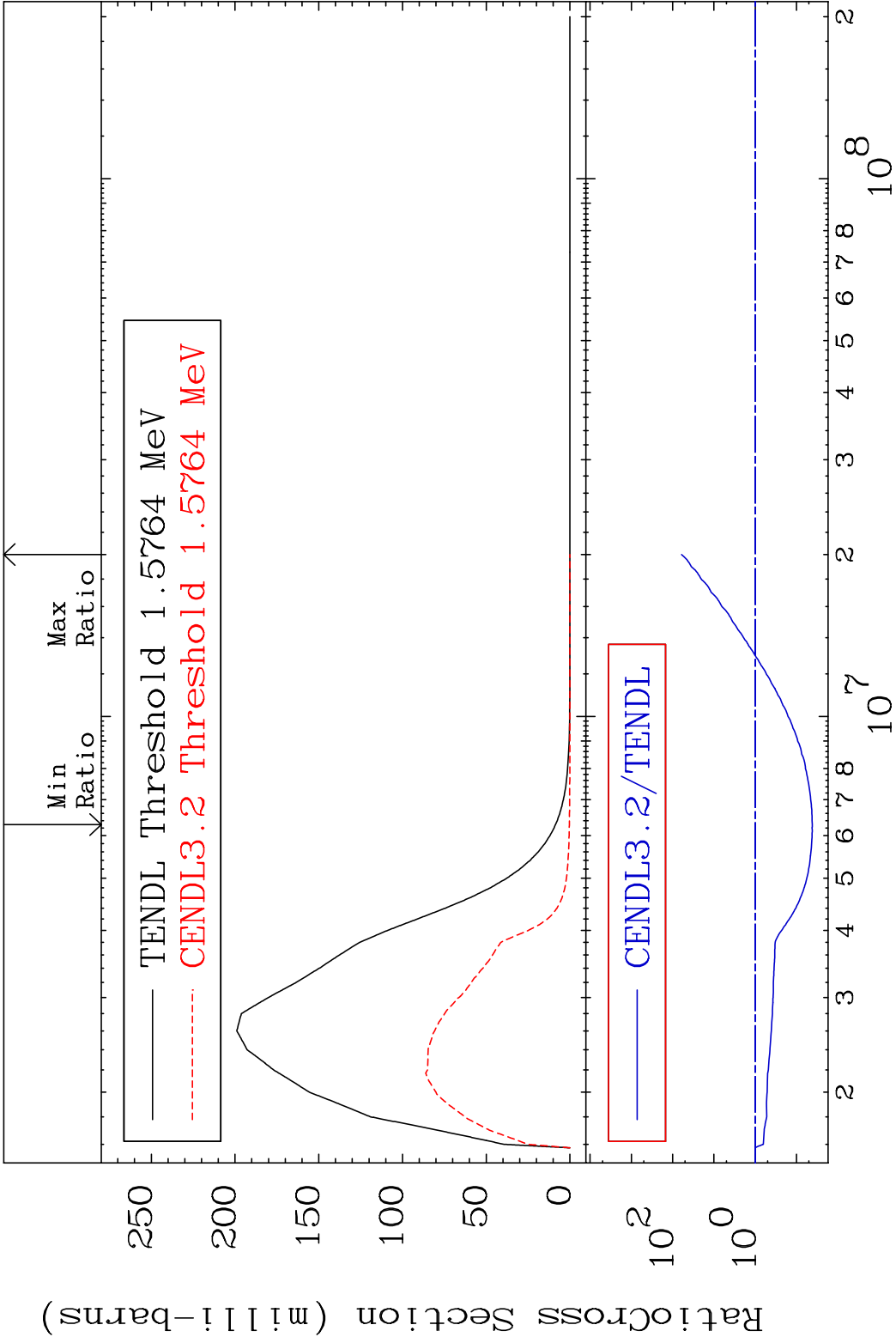


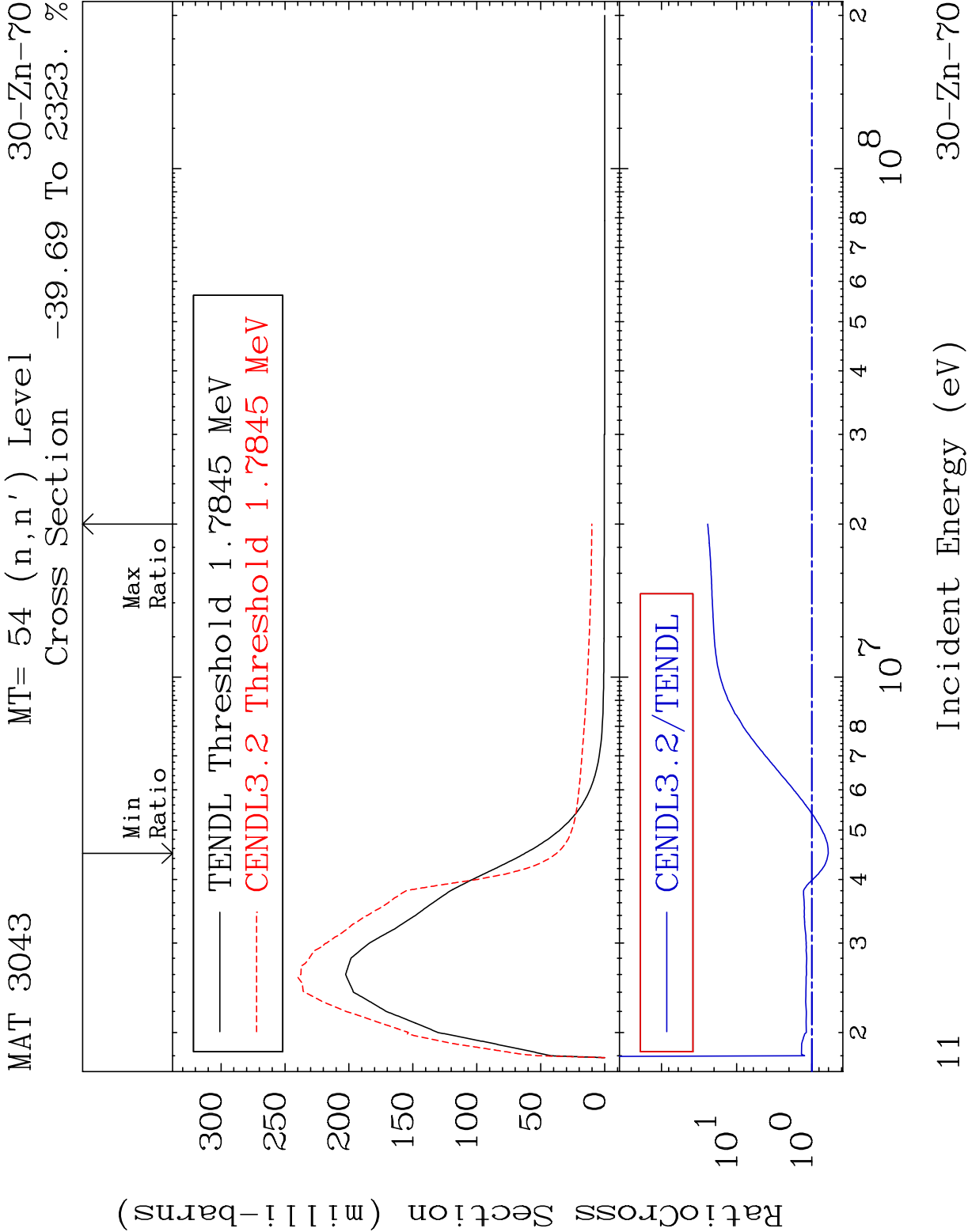
MAT 3043 MT= 51 (n,n') Level 30-Zn-70
Cross Section -42.17 To 43.85 %





MAT 3043 MT= 53 (n,n') Level 30-Zn-70
Cross Section -95.86 To 5987. %





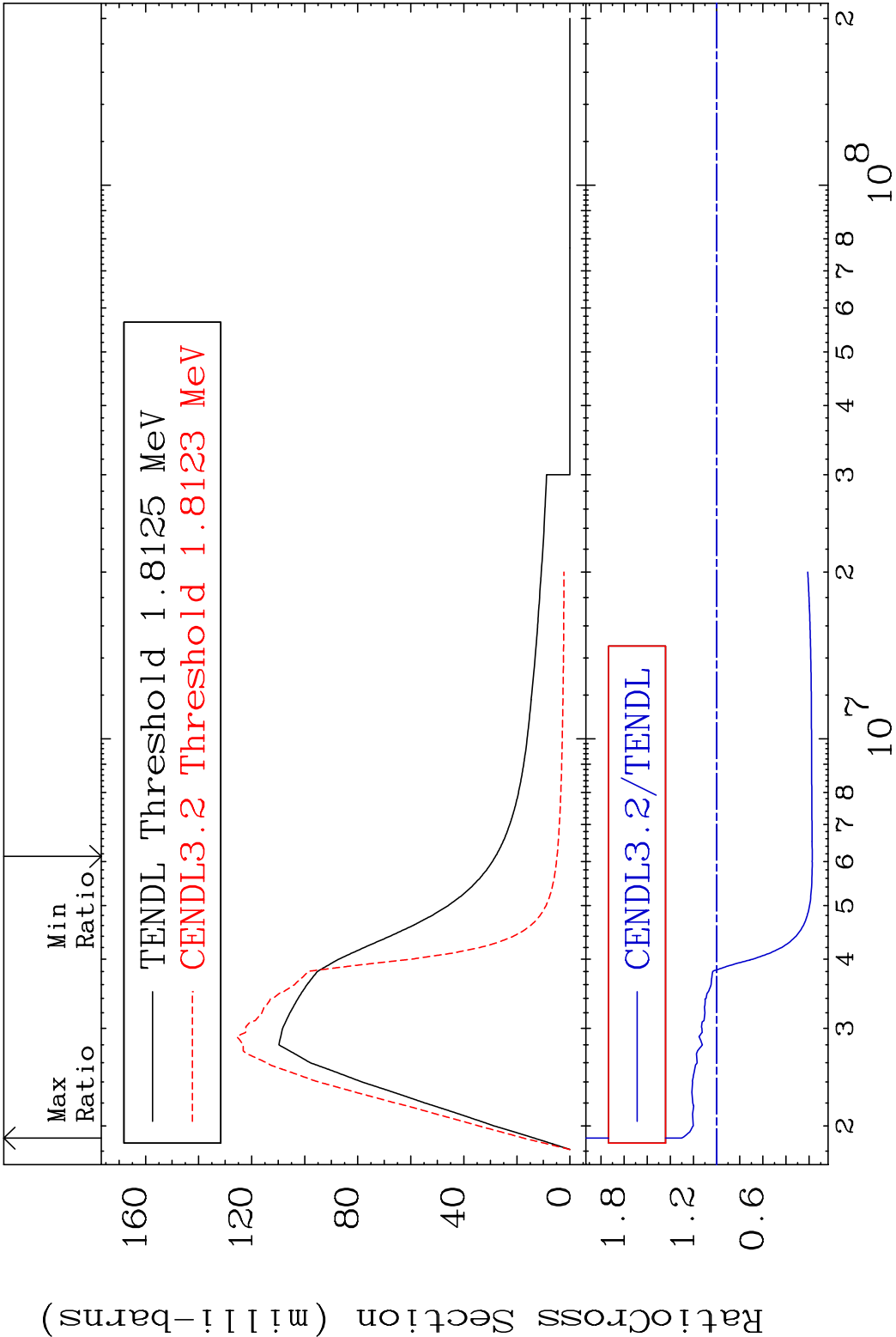
MAT 3043

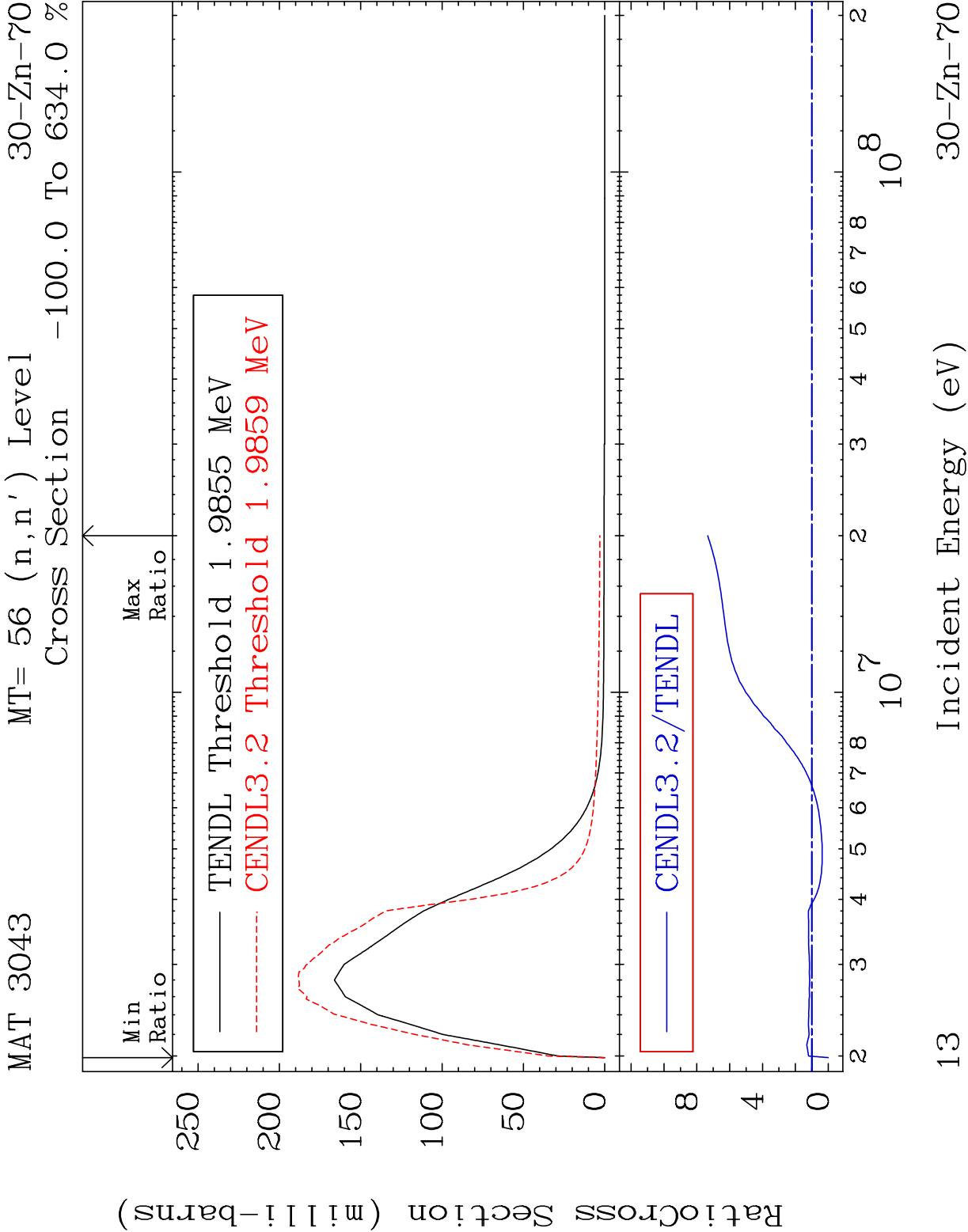
MT= 55 (n,n') Level

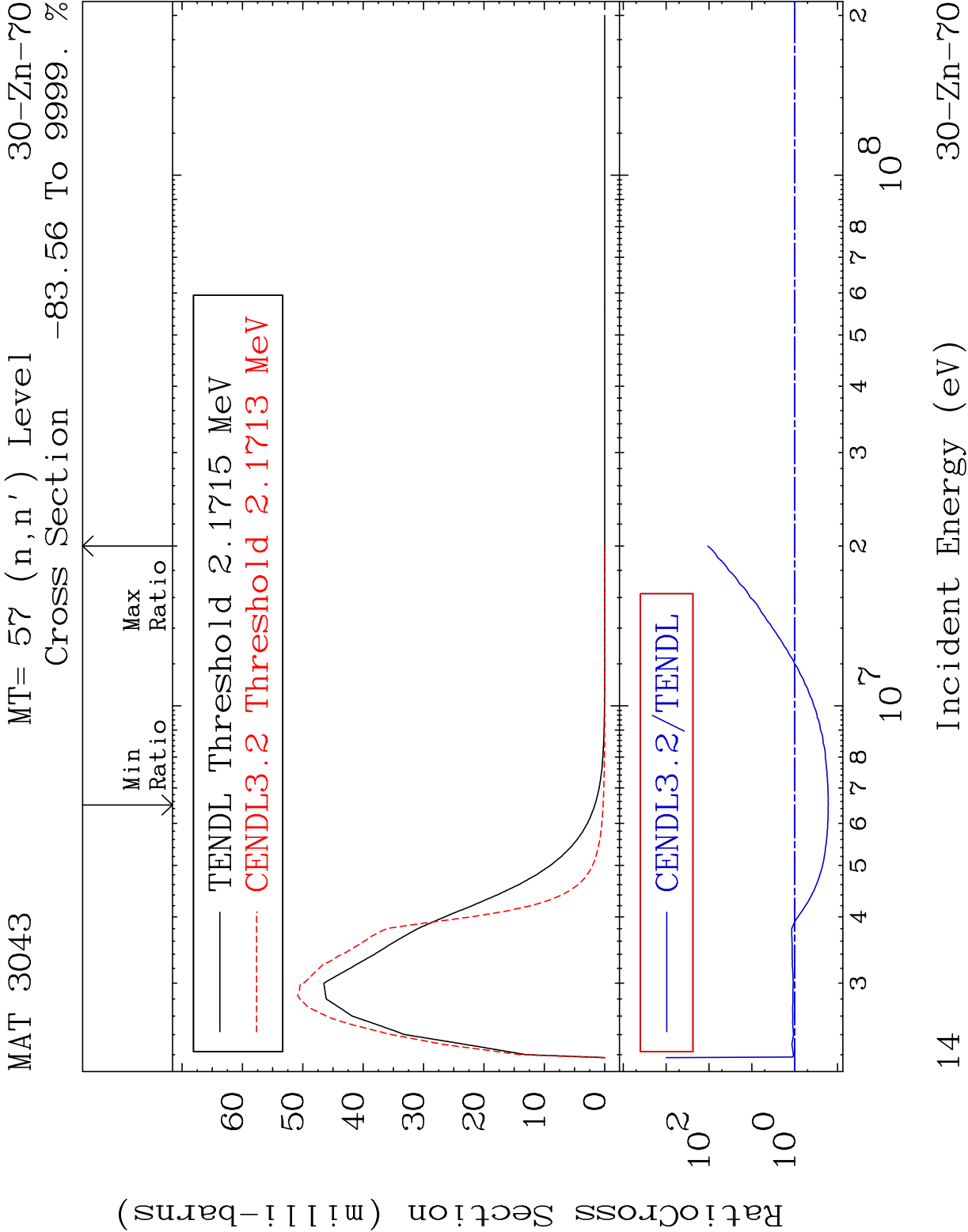
30-Zn-70

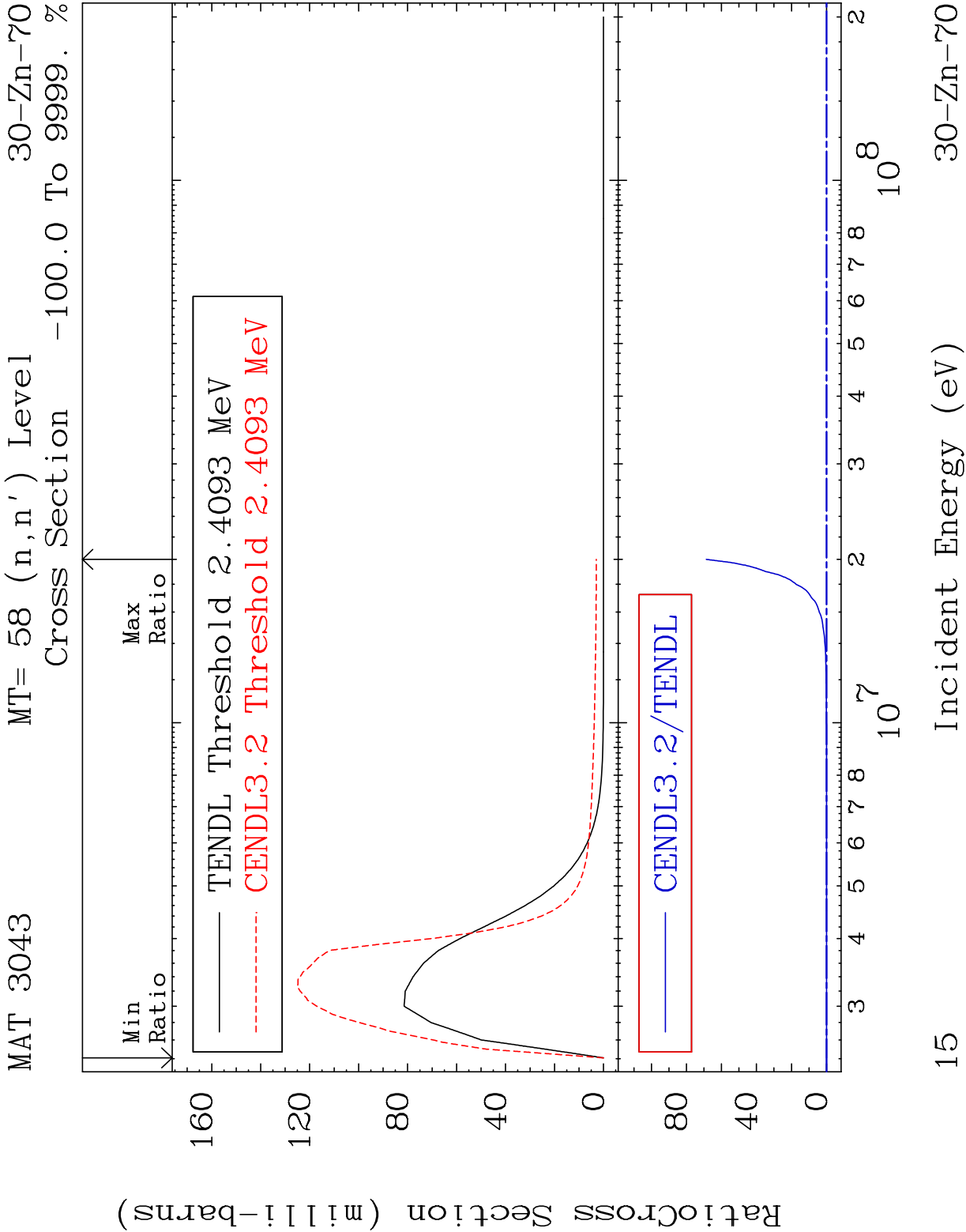
Cross Section

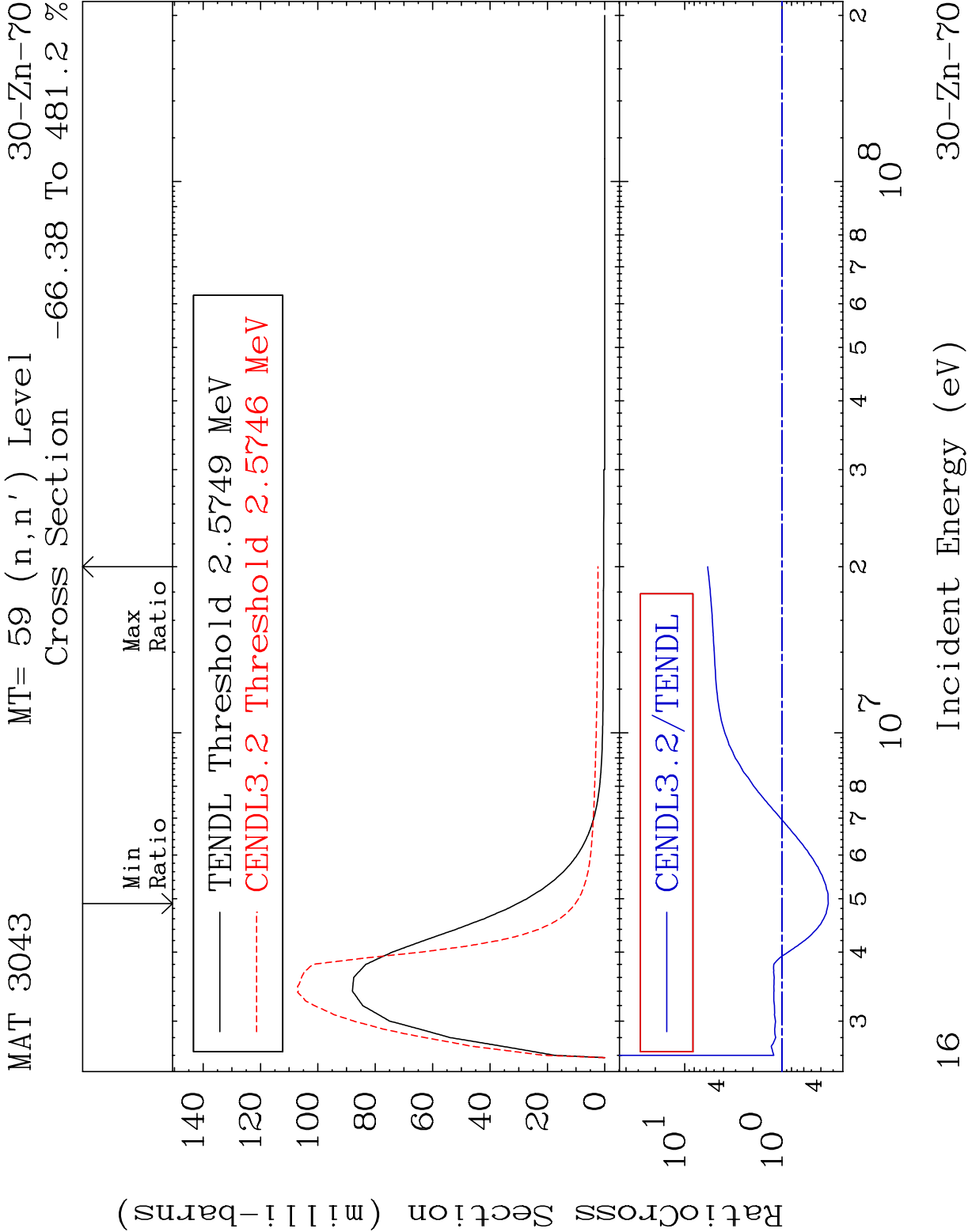
-82.70 To 30.31 %



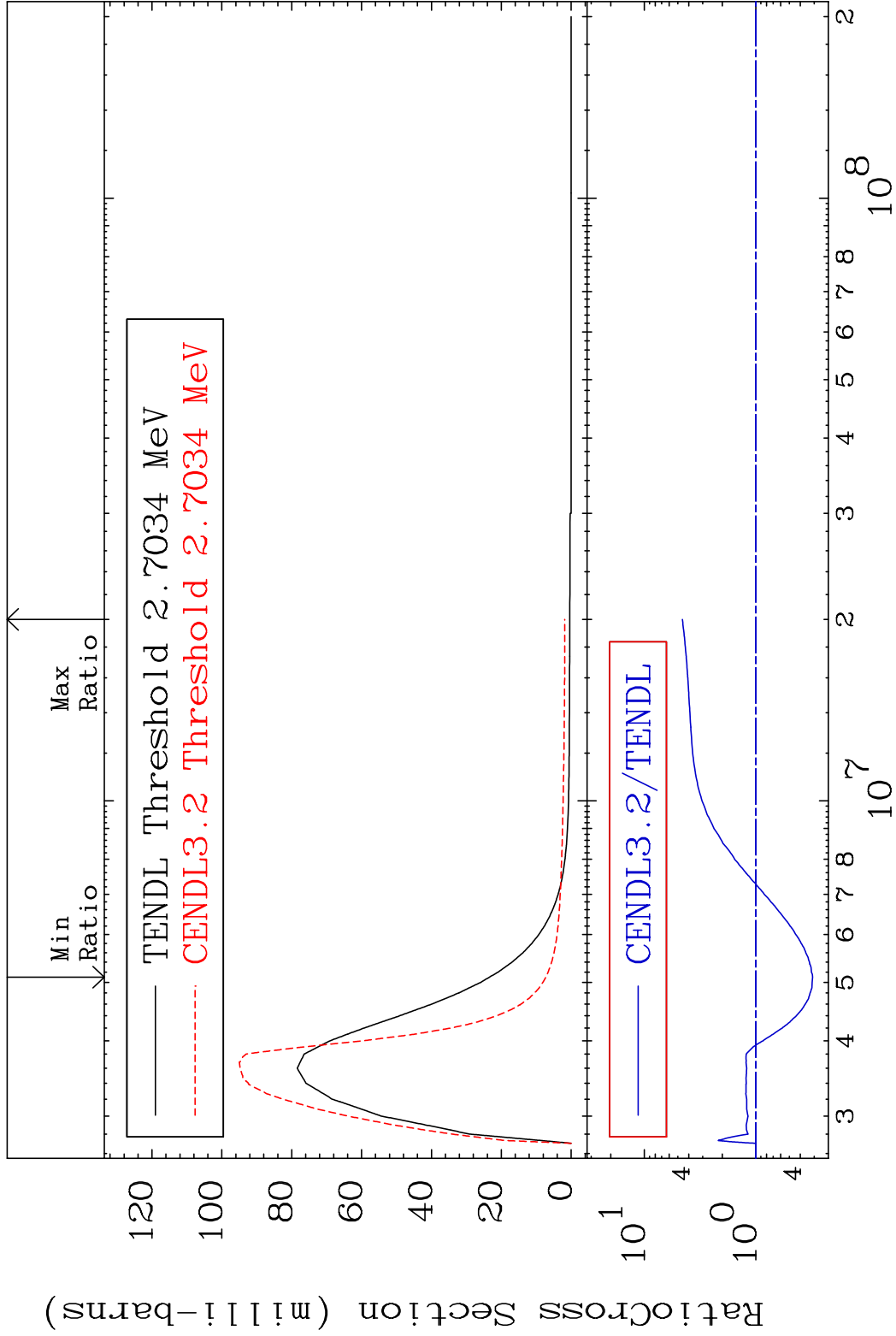




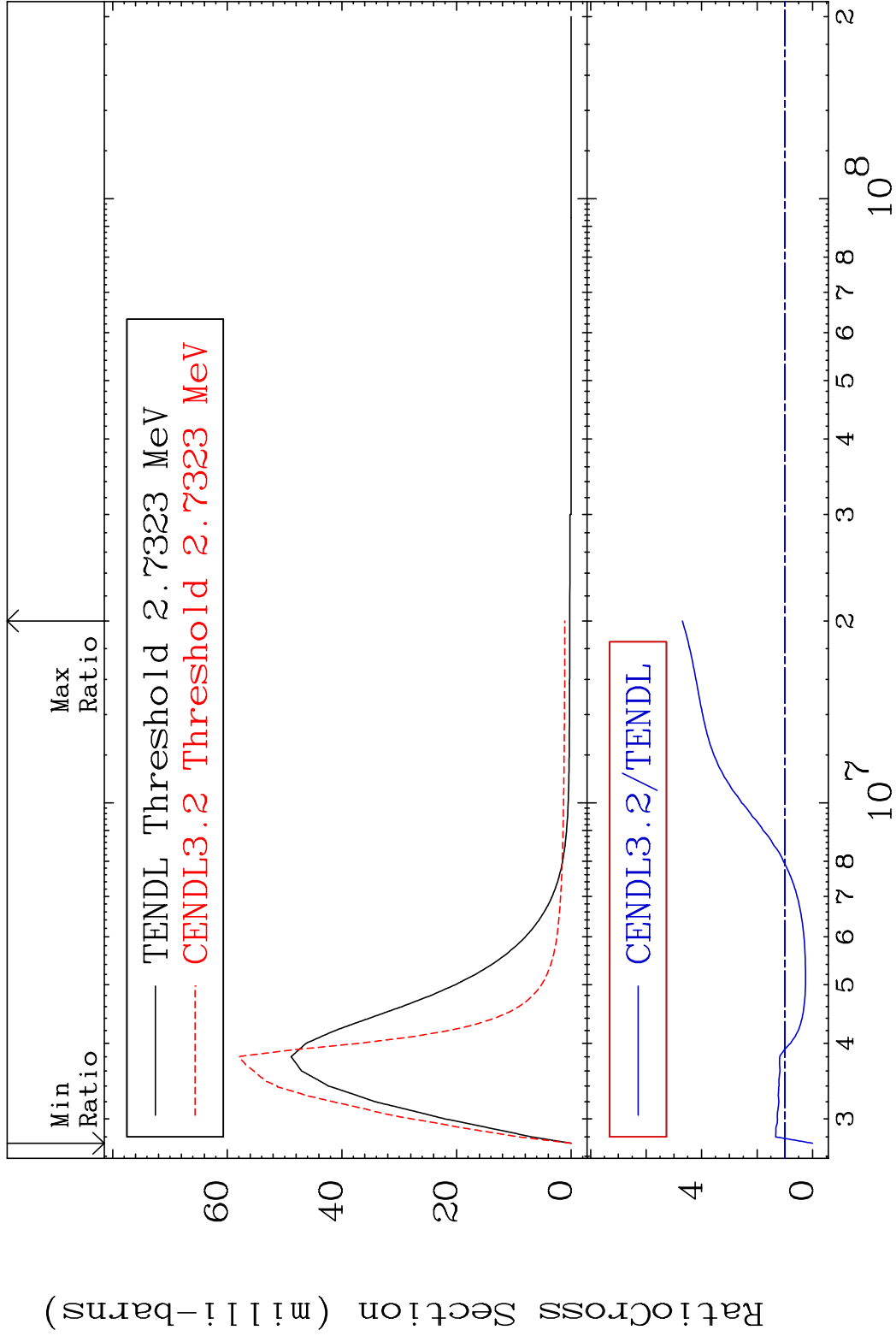




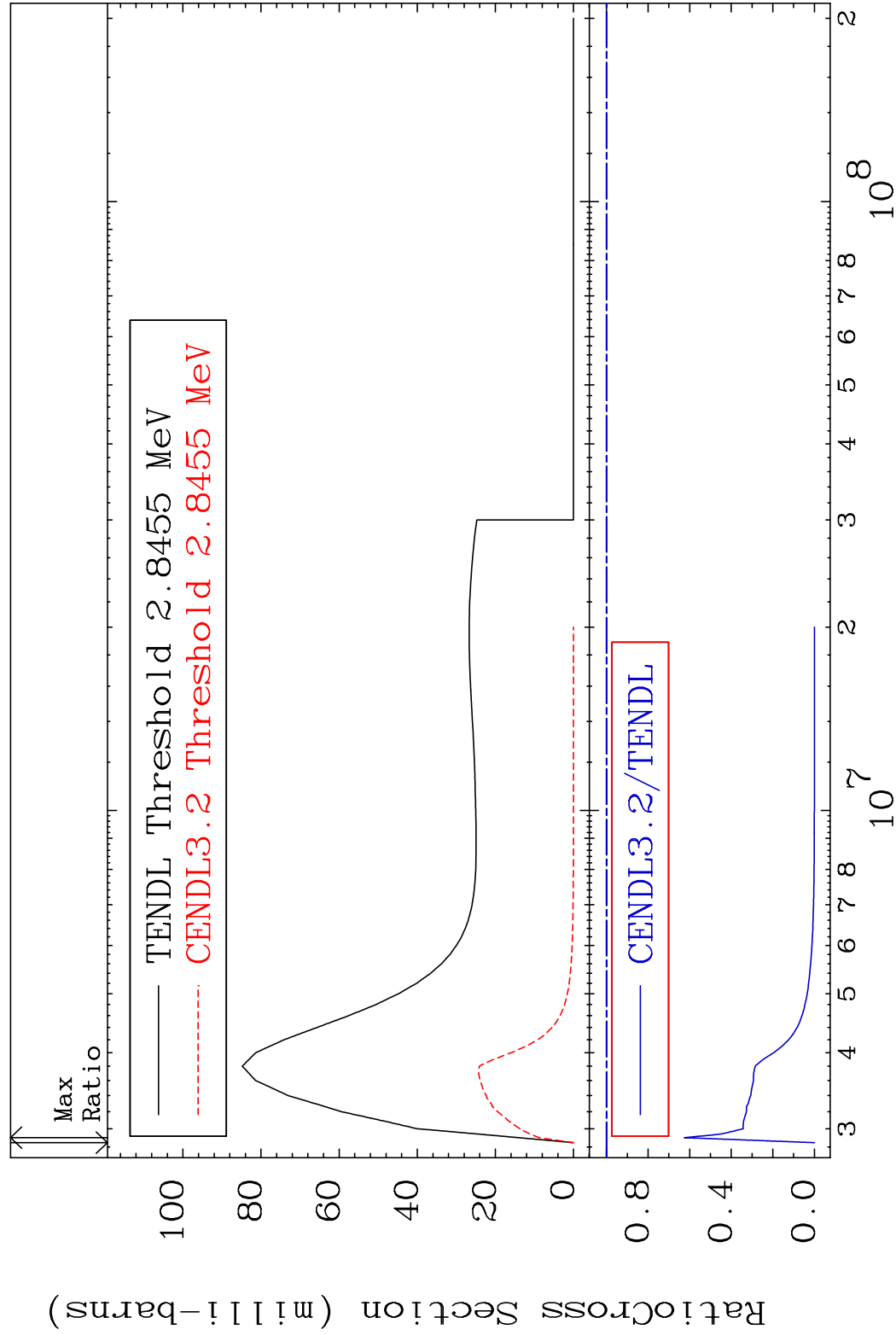
MAT 3043 MT= 60 (n,n') Level 30-Zn-70
Cross Section -69.01 To 356.4 %

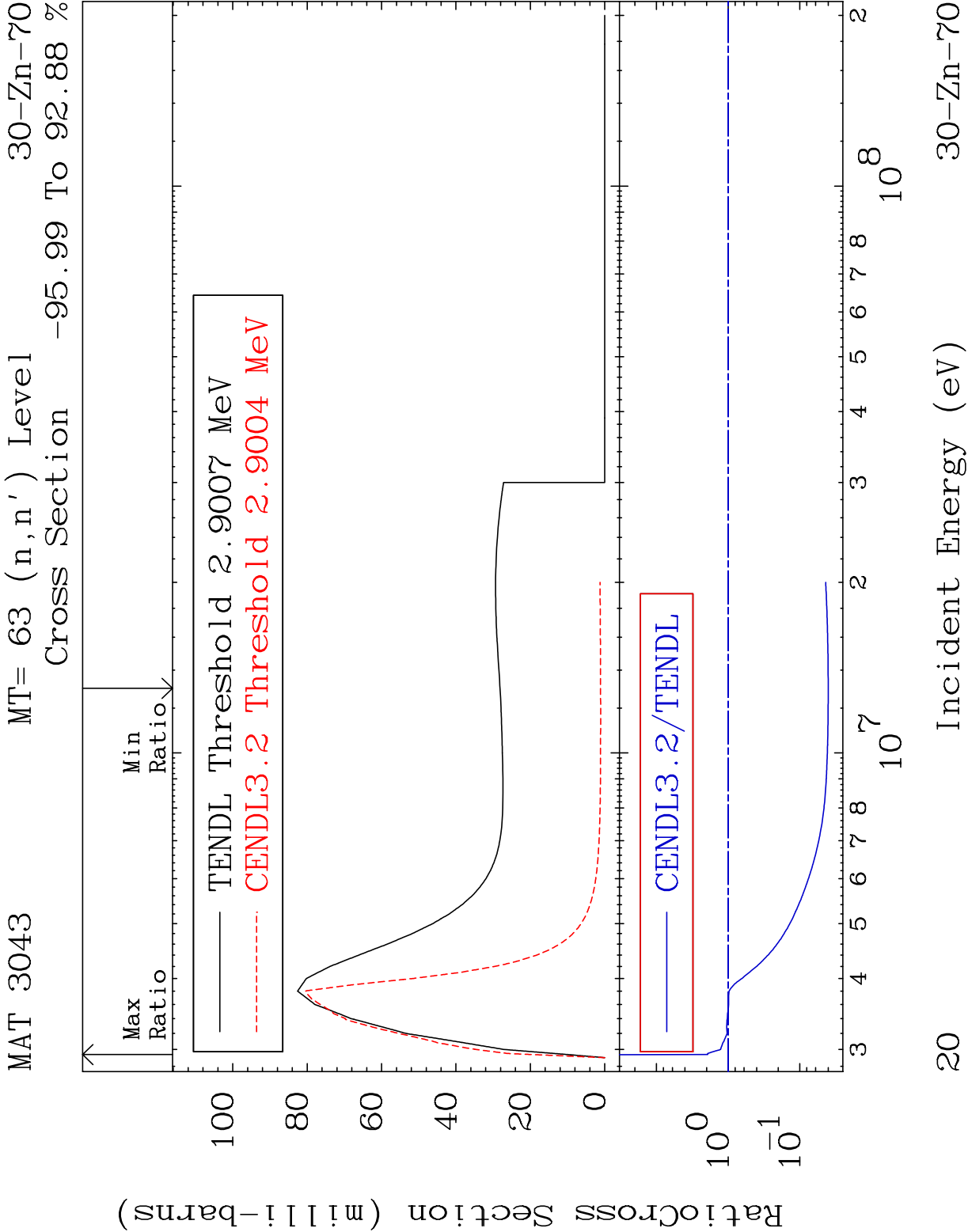


MAT 3043 MT= 61 (n,n') Level 30-Zn-70
Cross Section -100.0 To 369.4 %

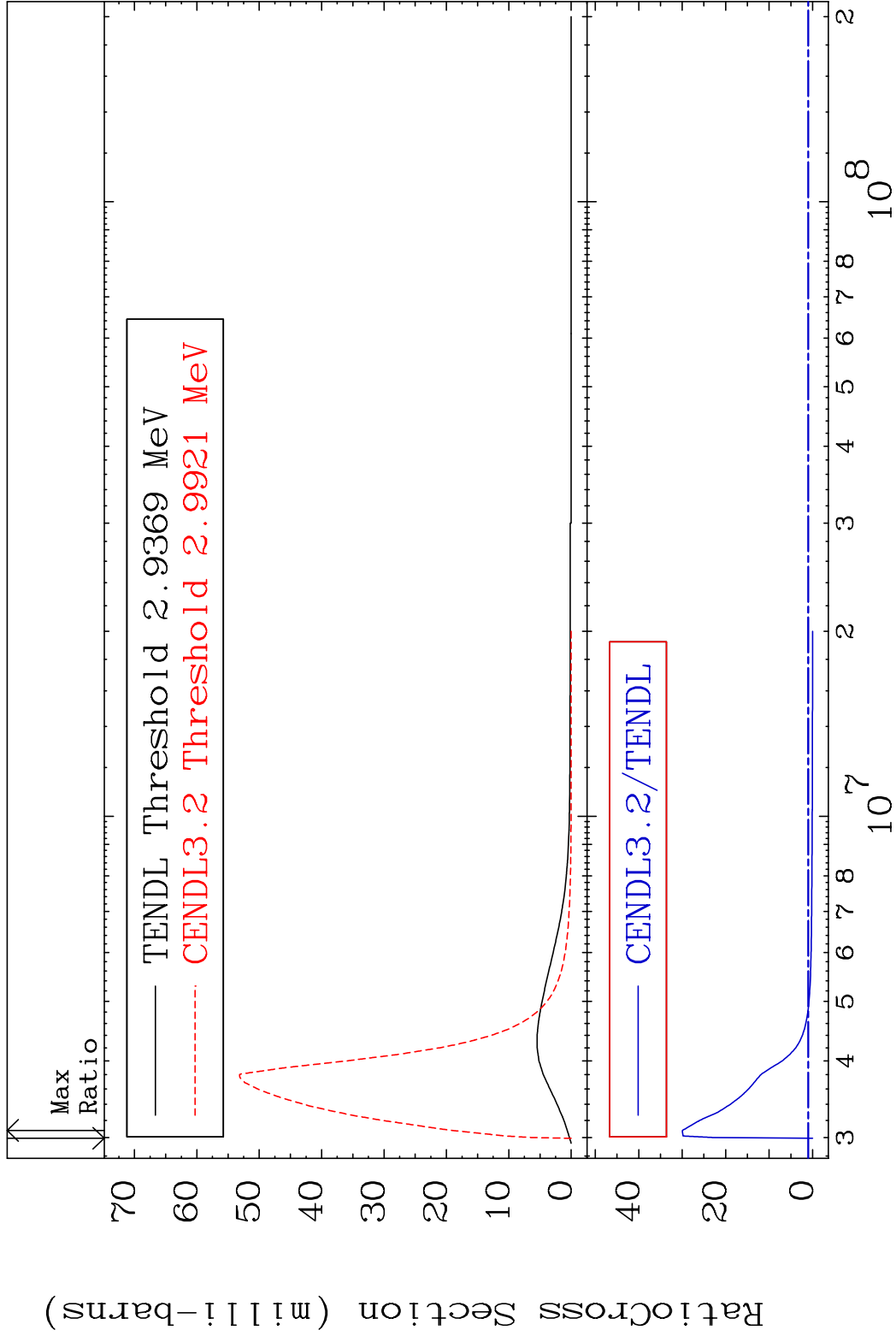


MAT 3043 MT= 62 (n,n') Level 30-Zn-70
Cross Section -100.0 To -37.49%





MAT 3043 MT= 64 (n,n') Level 30-Zn-70
Cross Section -100.0 To 2896. %

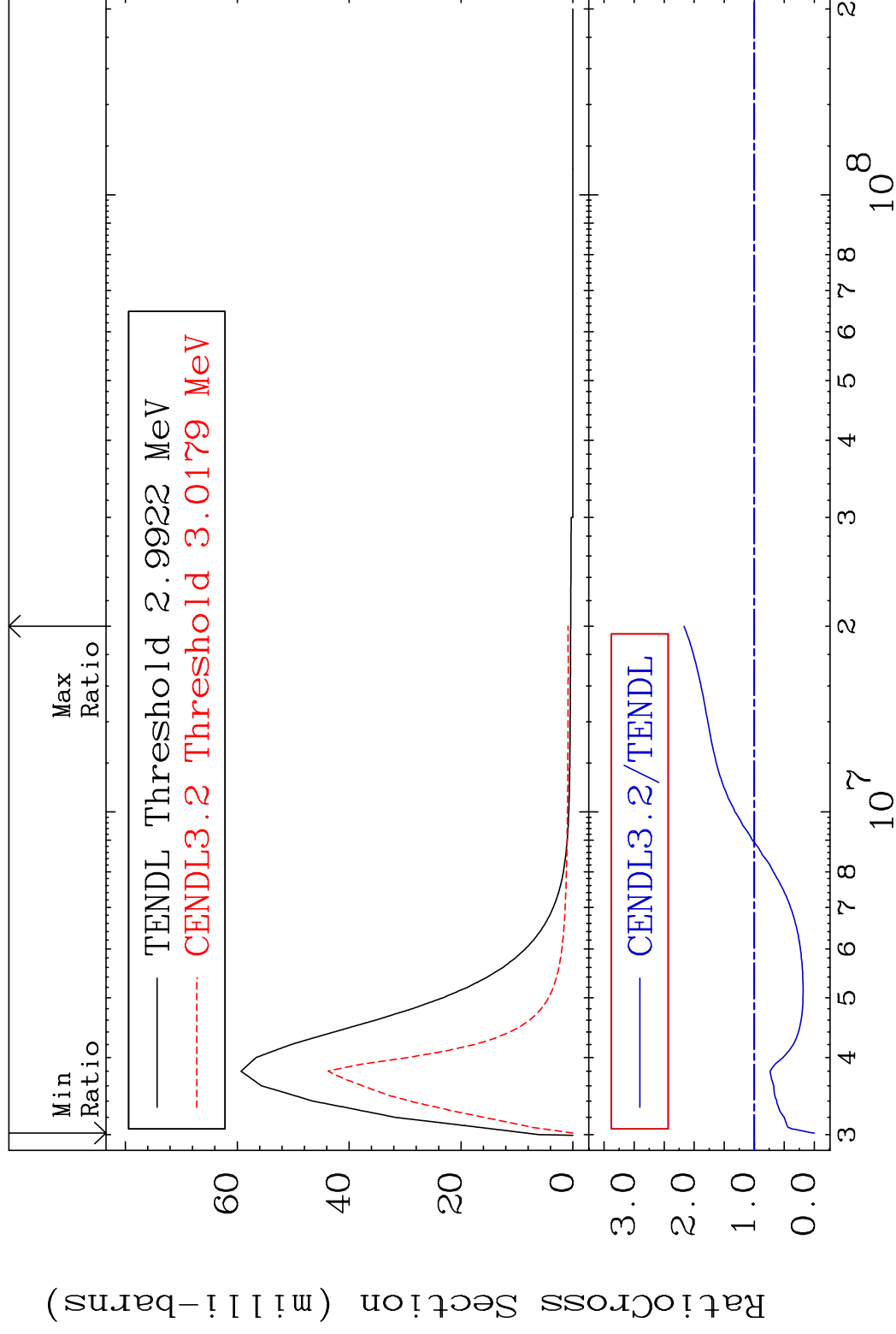


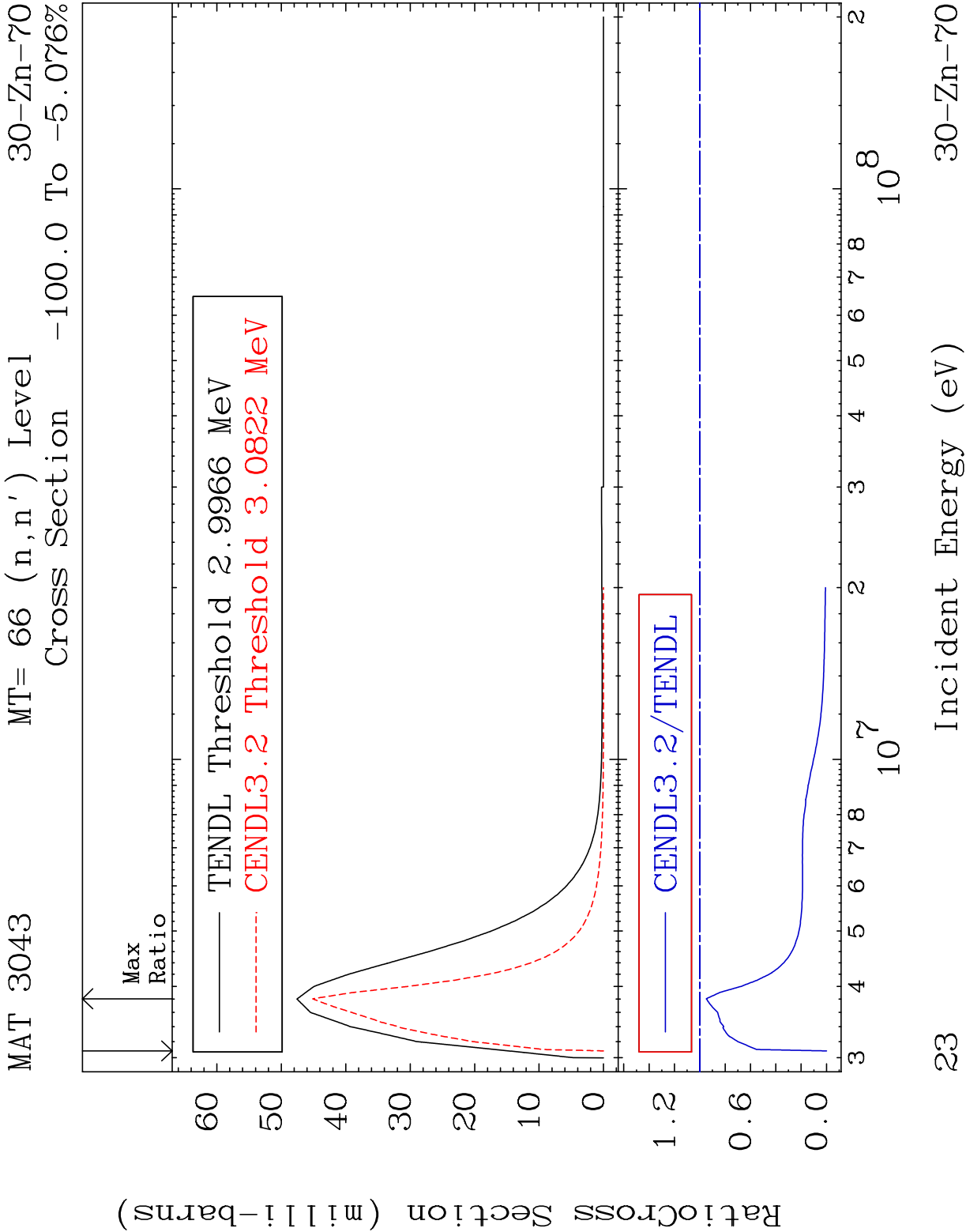
MAT 3043

MT= 65 (n, n') Level

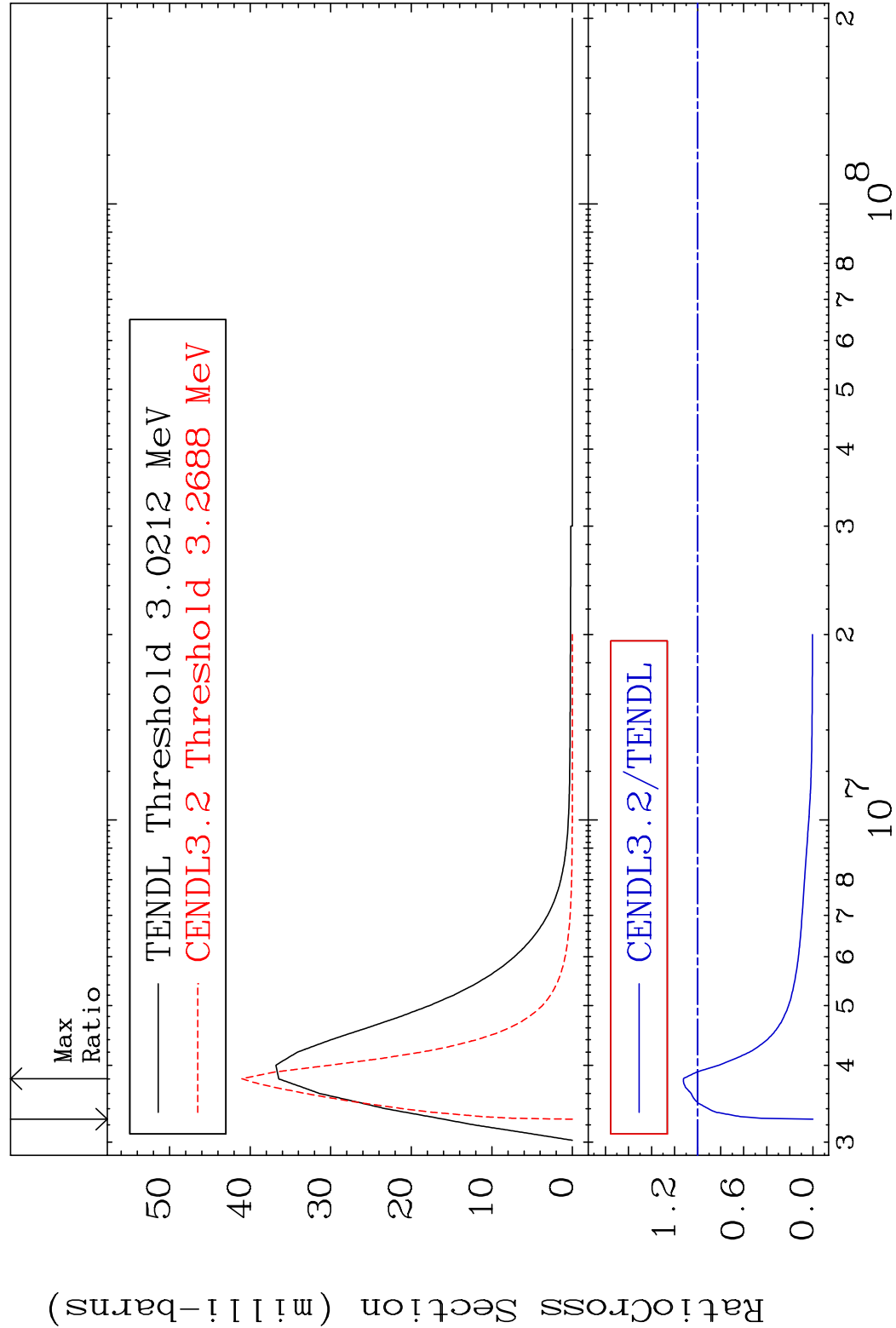
30-Zn-70

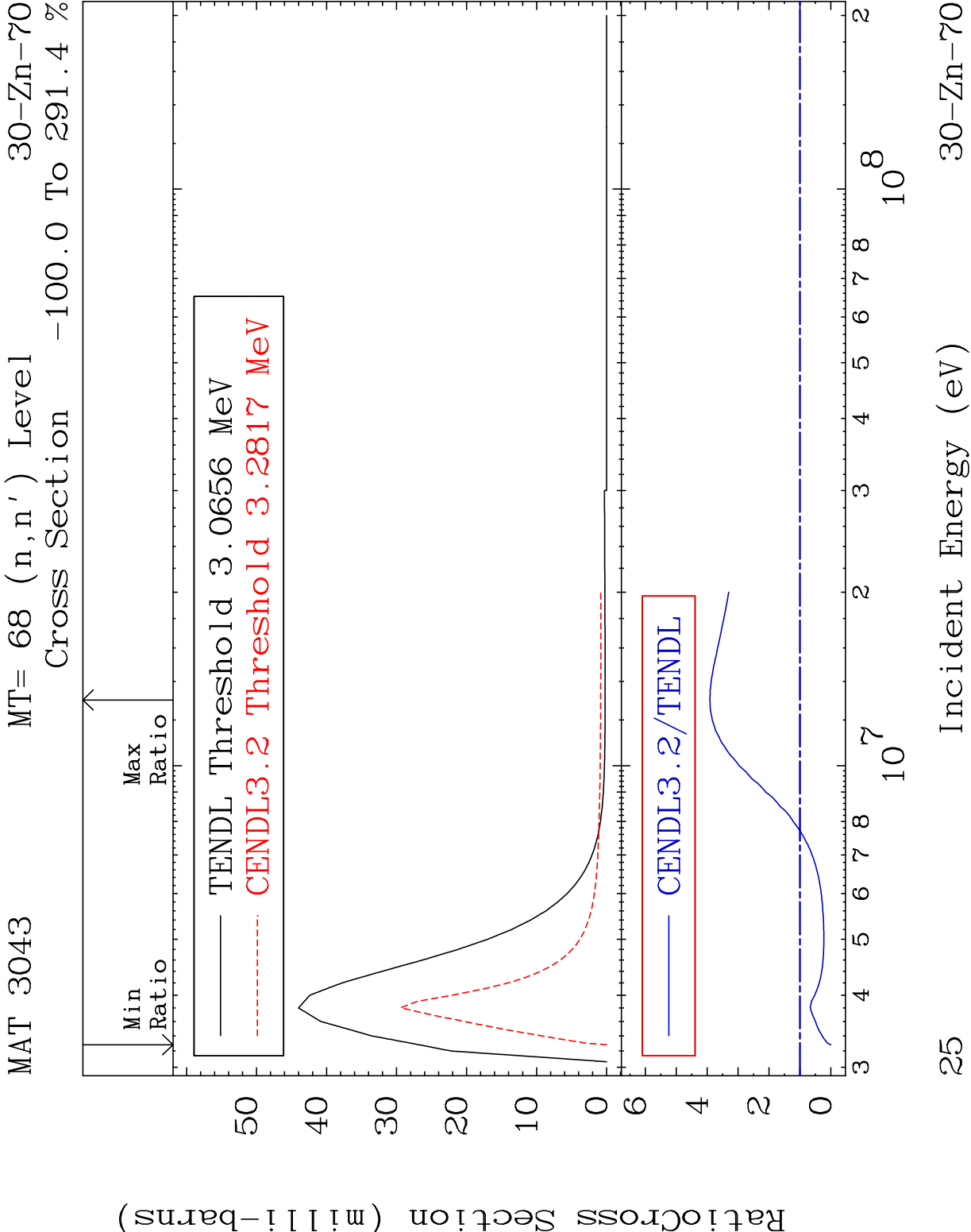
Cross Section	-100.0 To 116.9 %
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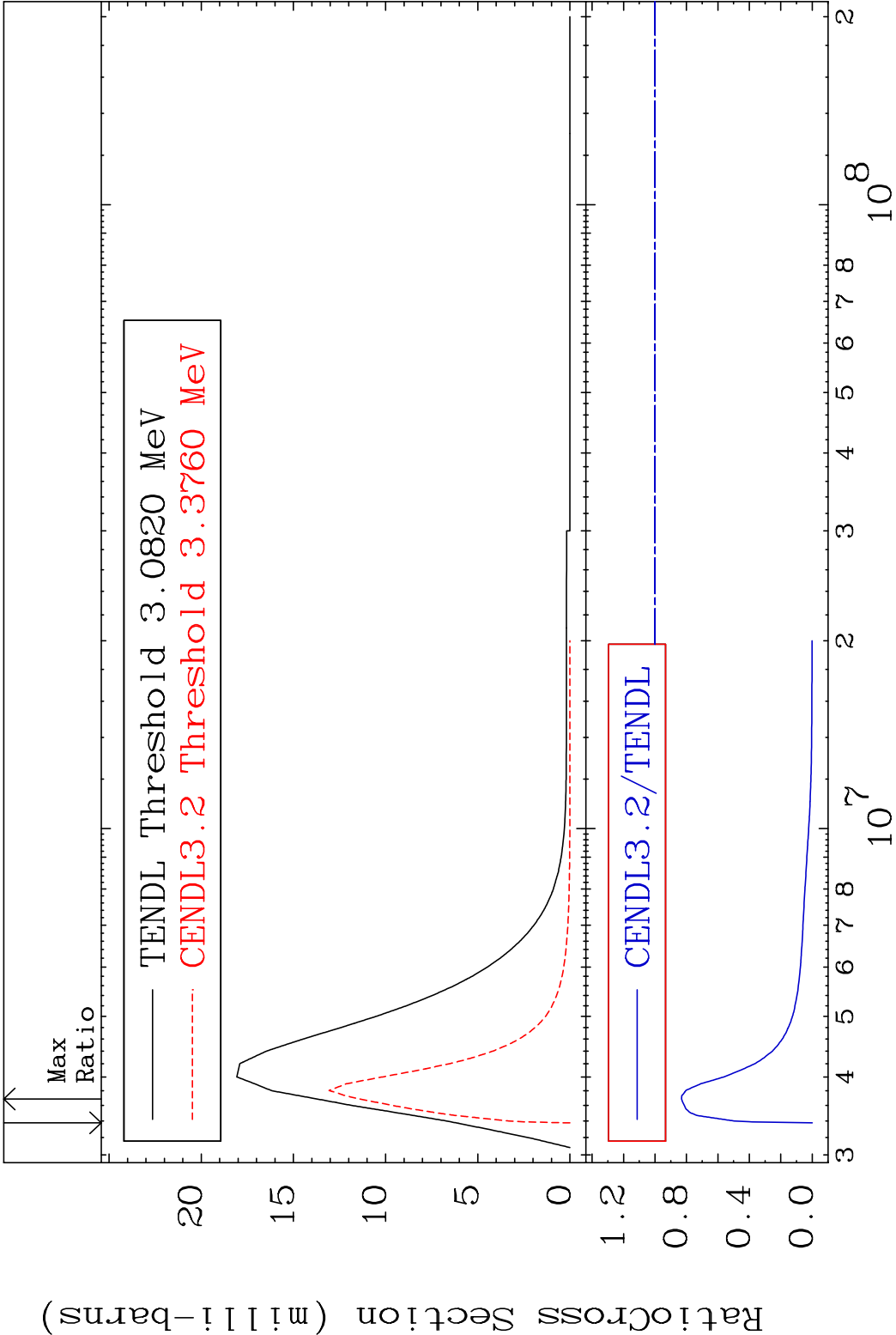


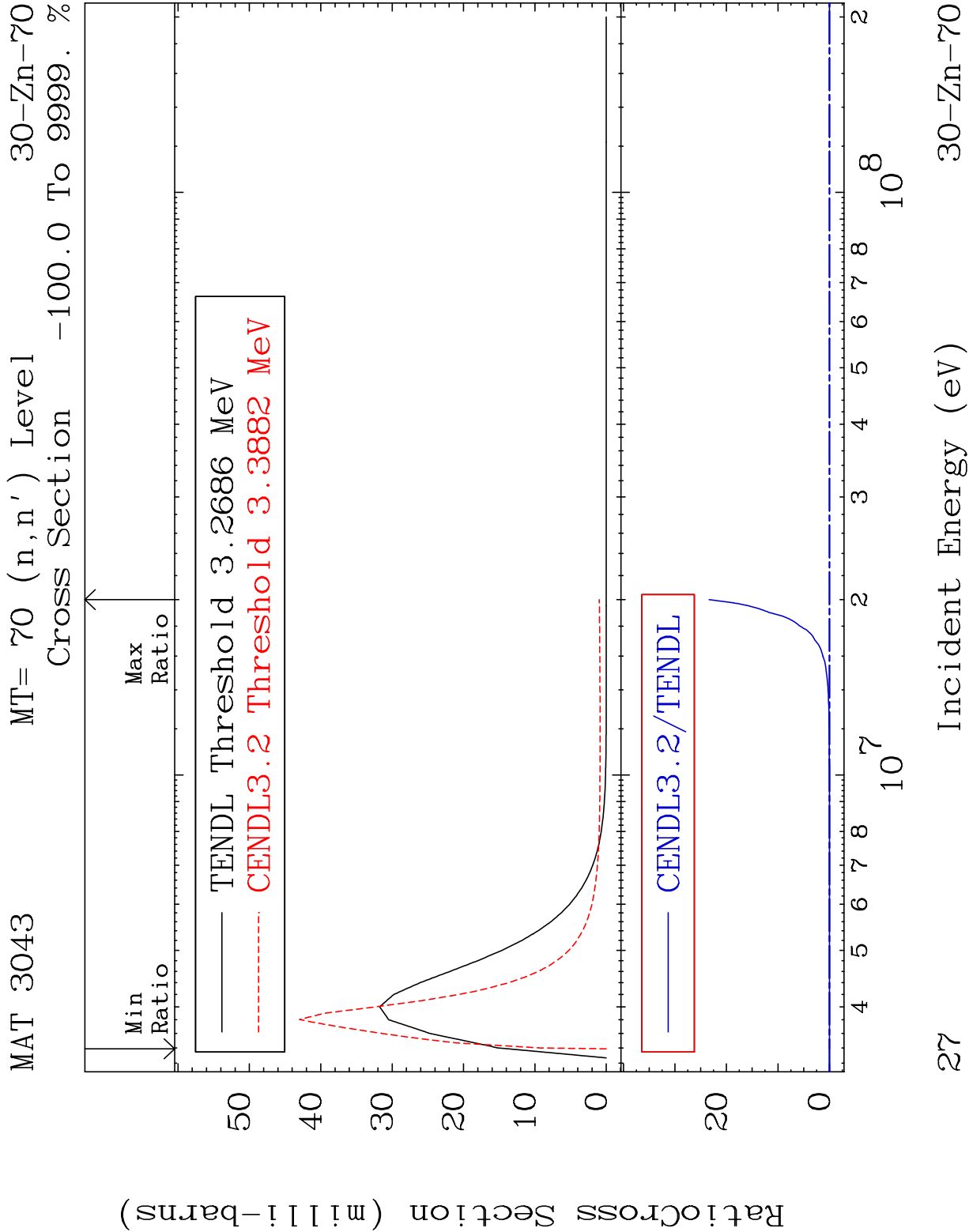
MAT 3043 MT= 67 (n,n') Level 30-Zn-70
 Cross Section -100.0 To 12.55 %

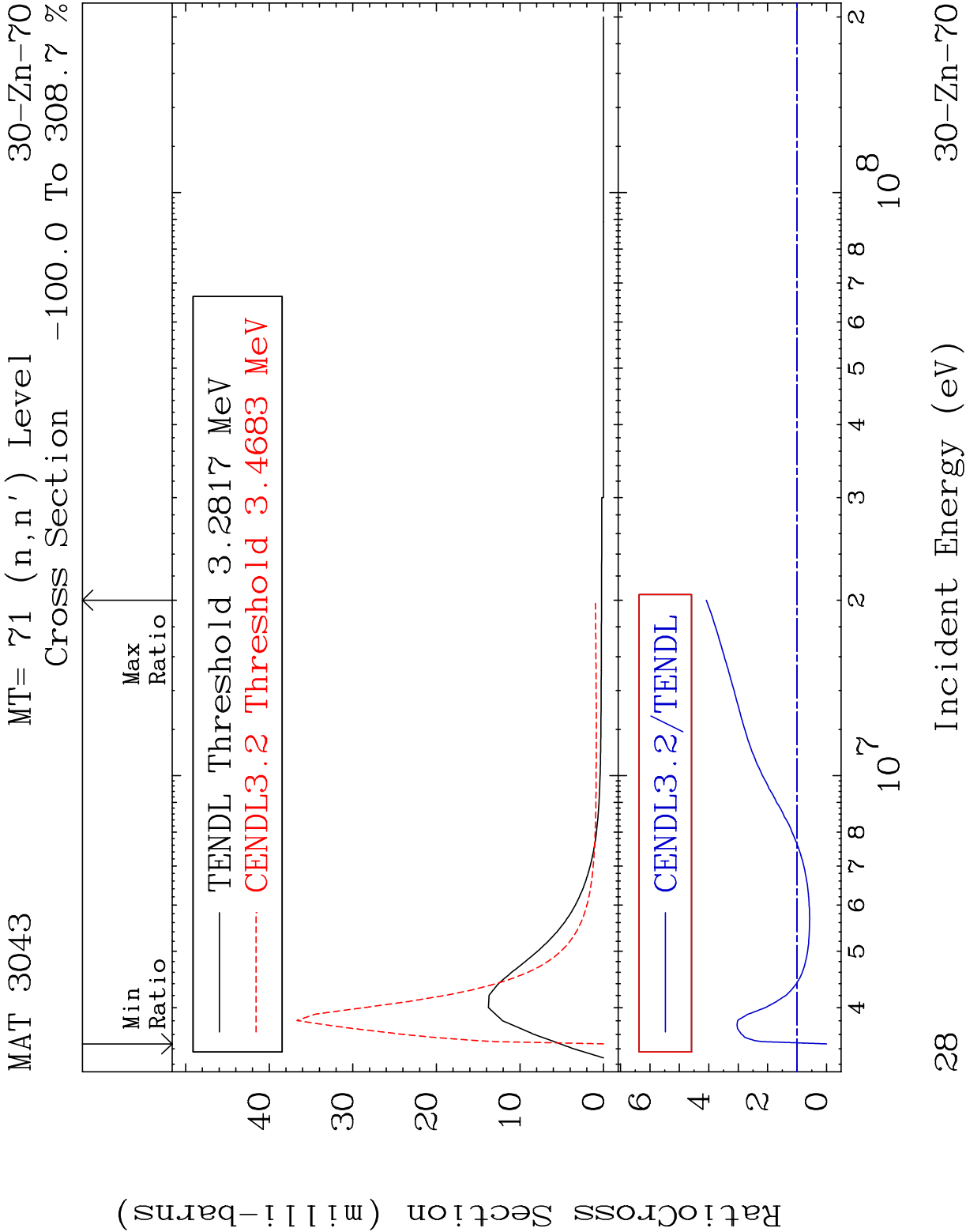




MAT 3043 MT= 69 (n,n') Level 30-Zn-70
Cross Section -100.0 To -16.87%





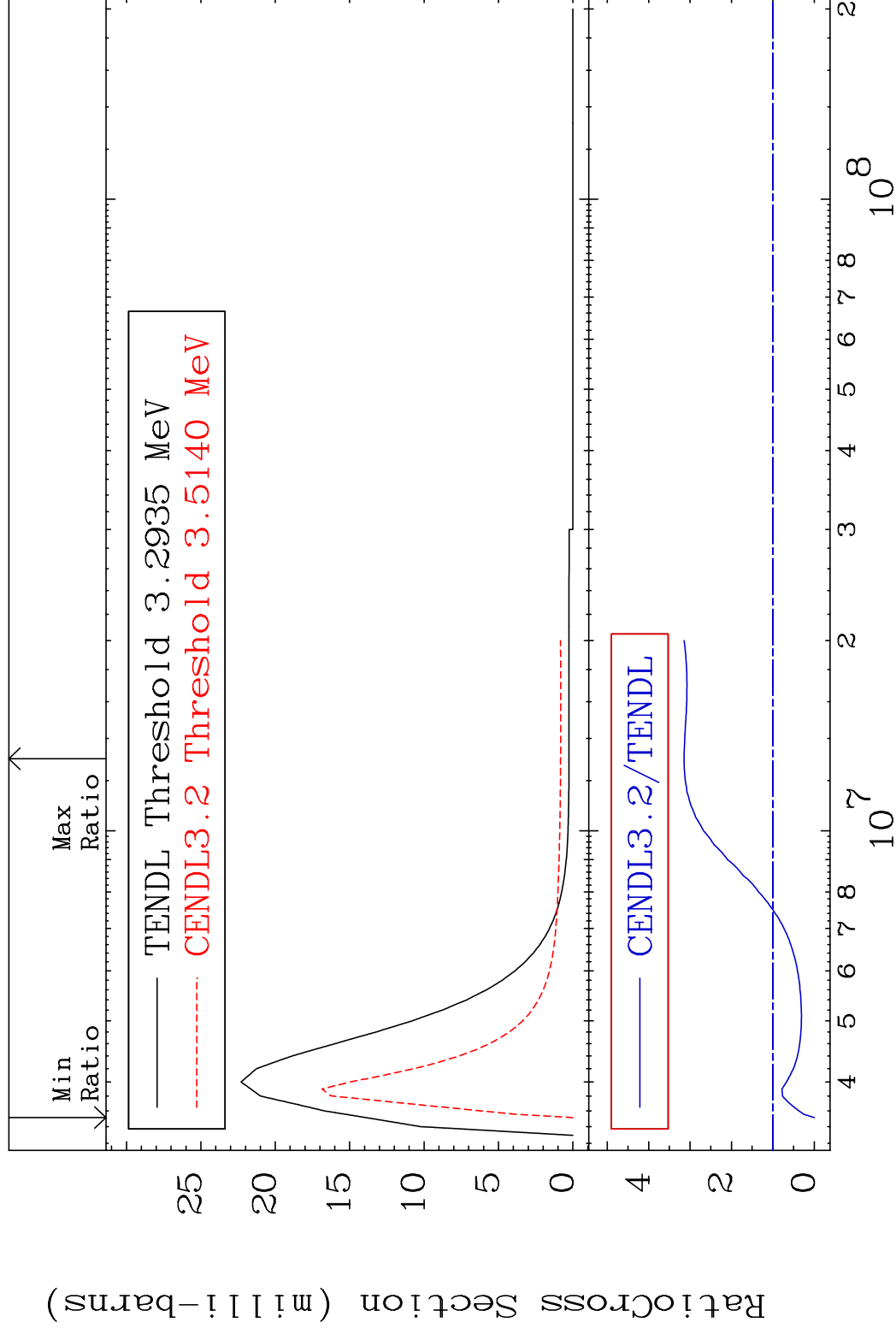


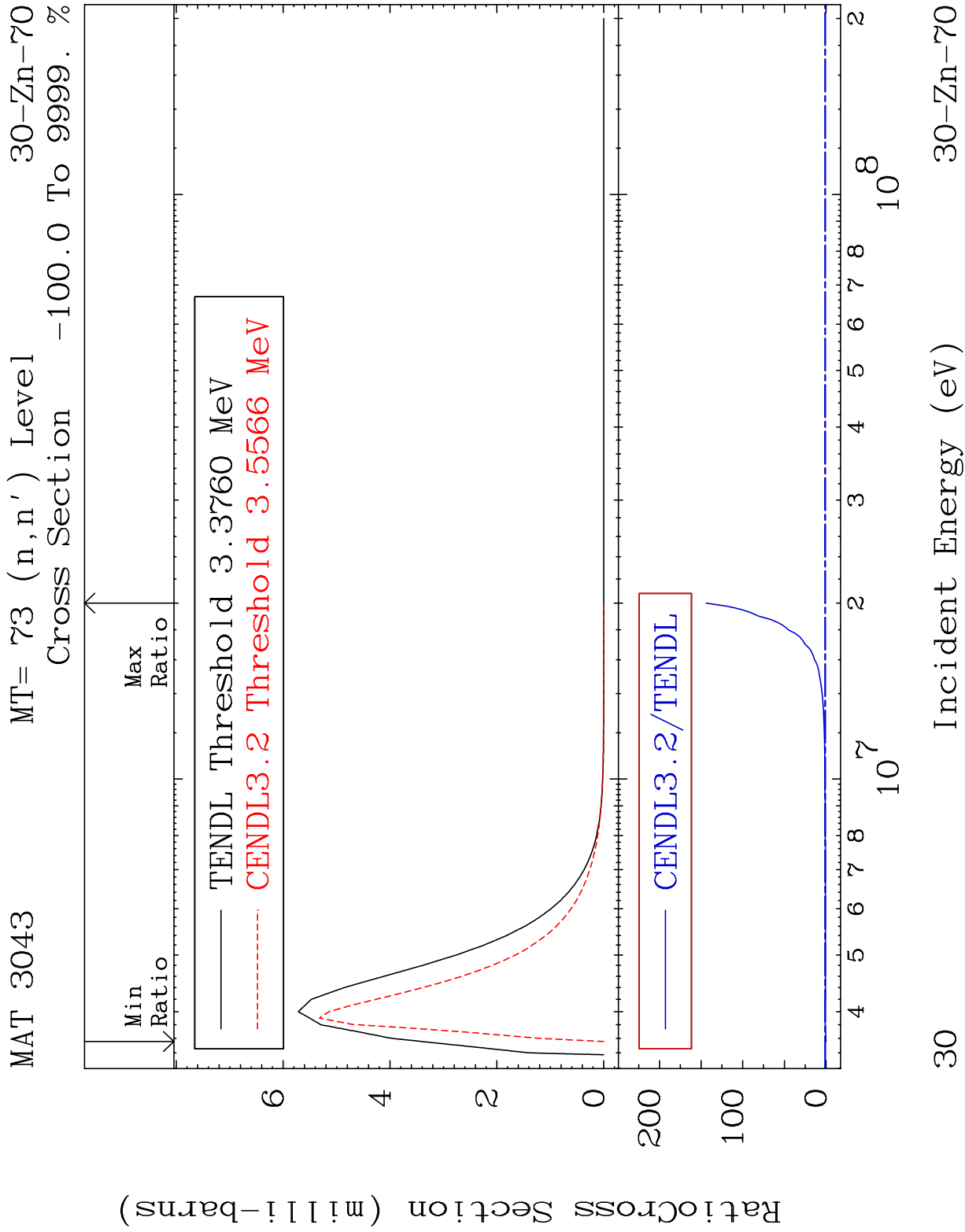
MAT 3043

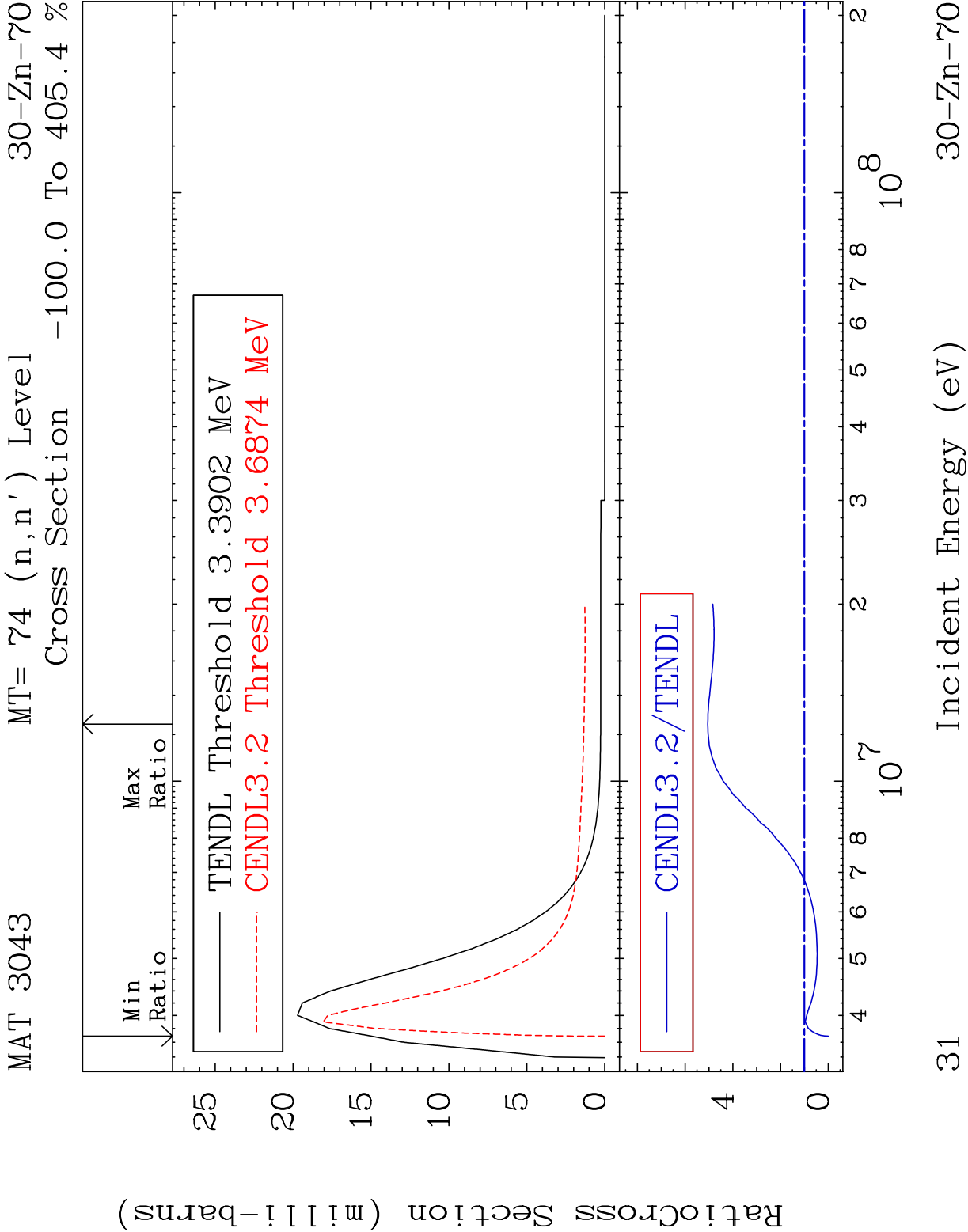
MT= 72 (n, n') Level

30-Zn-70

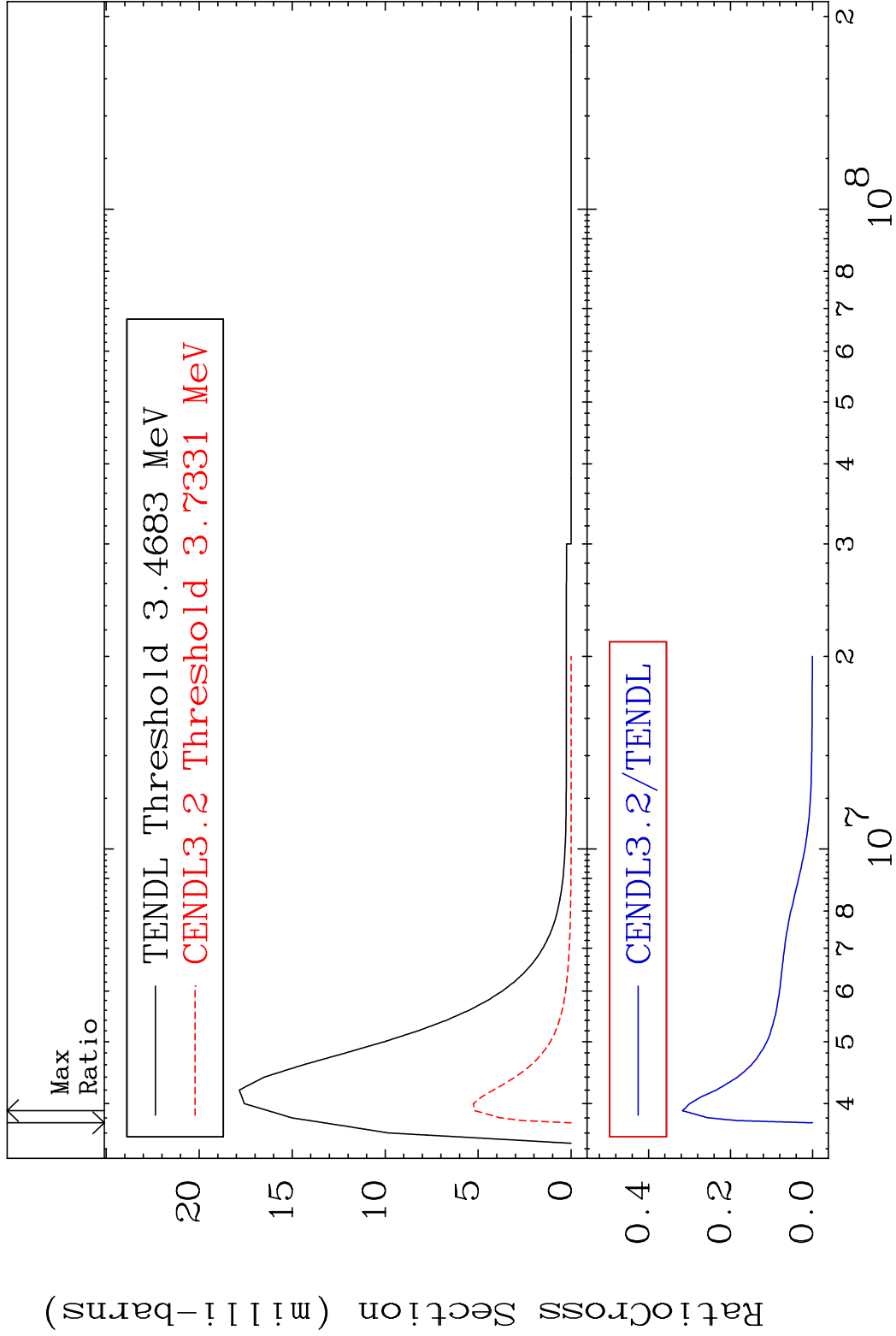
Cross Section -100.0 To 214.5 %



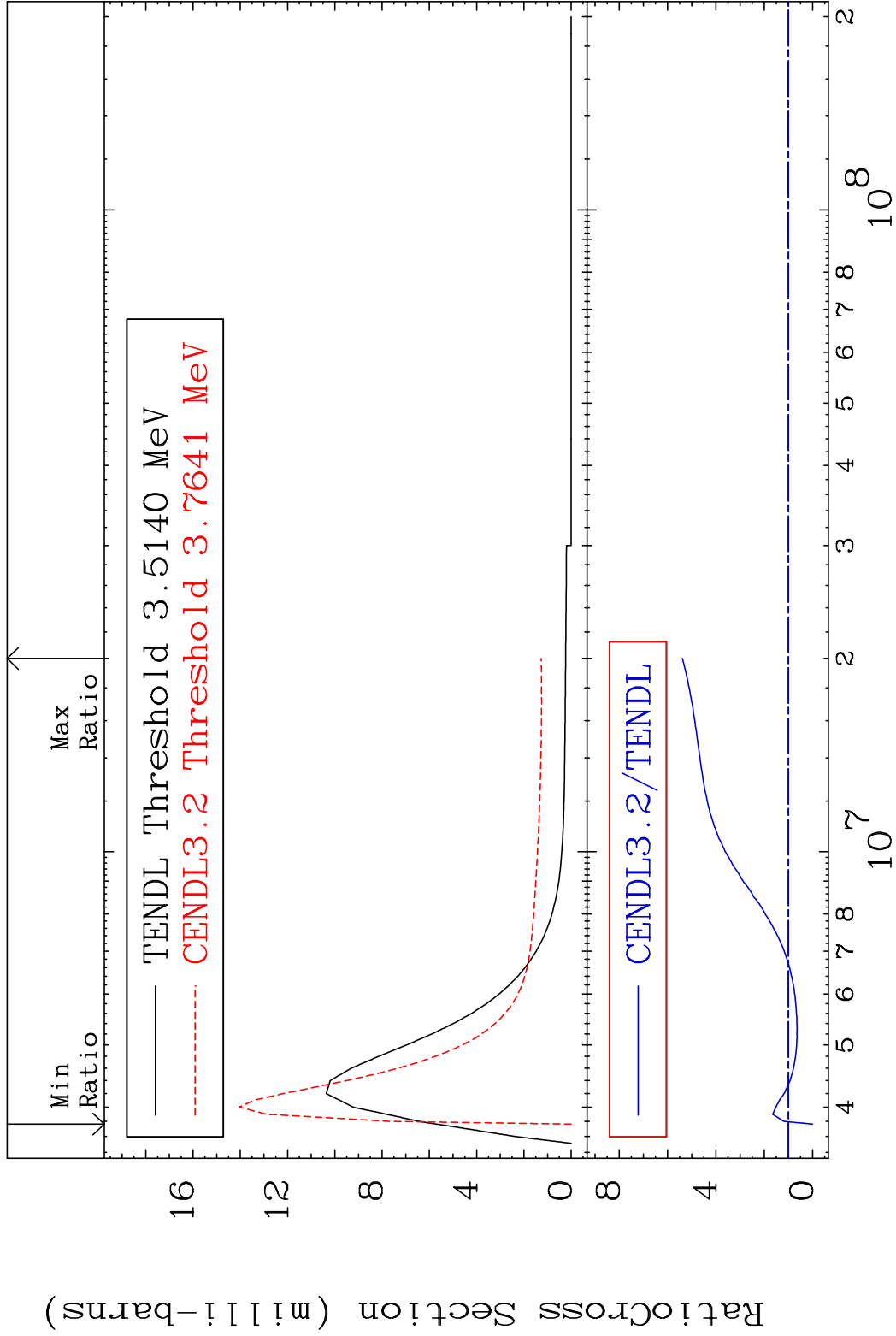




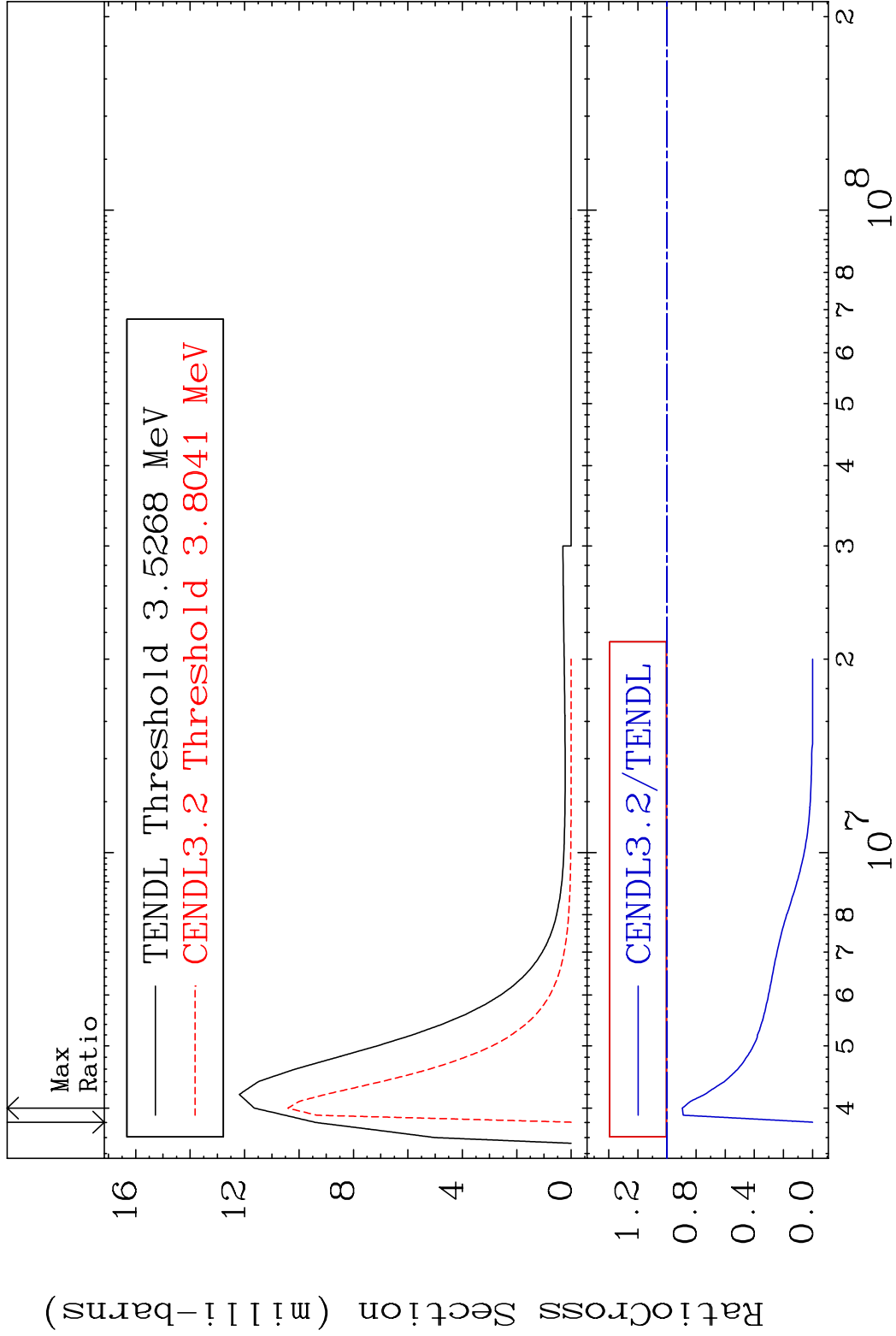
MAT 3043 MT= 75 (n,n') Level 30-Zn-70
Cross Section -100.0 To -68.25%

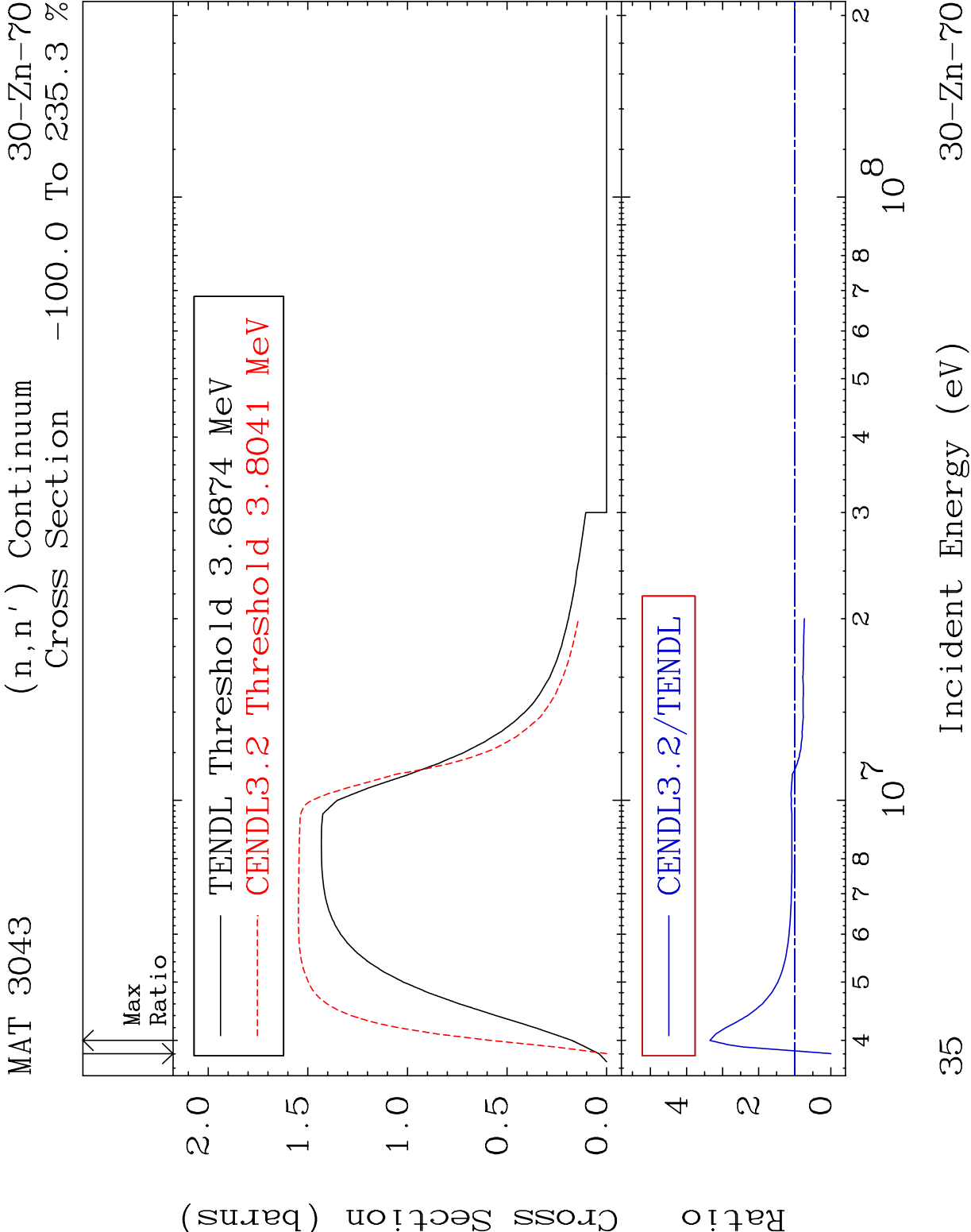


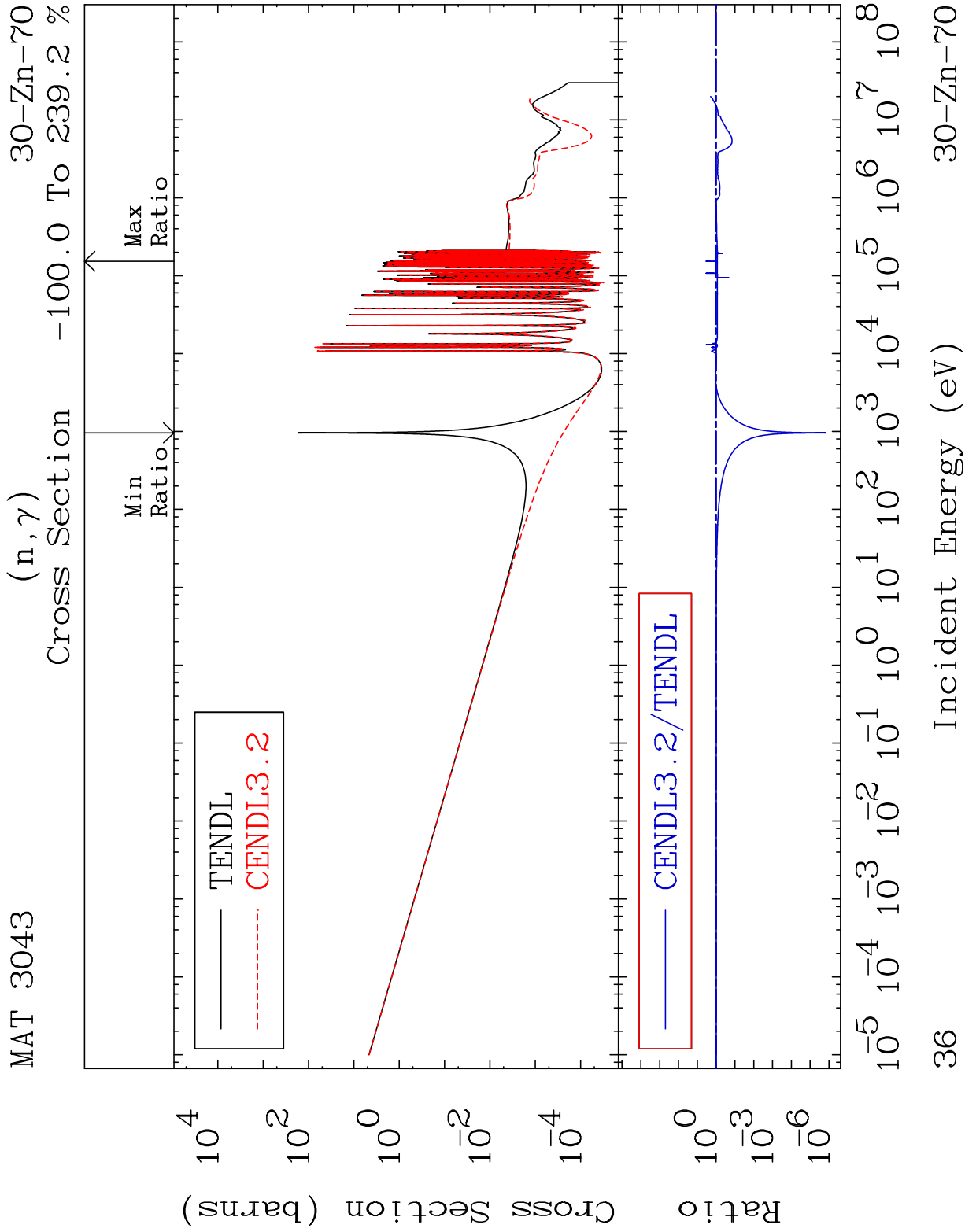
MAT 3043 MT= 76 (n,n') Level 30-Zn-70
Cross Section -100.0 To 438.6 %

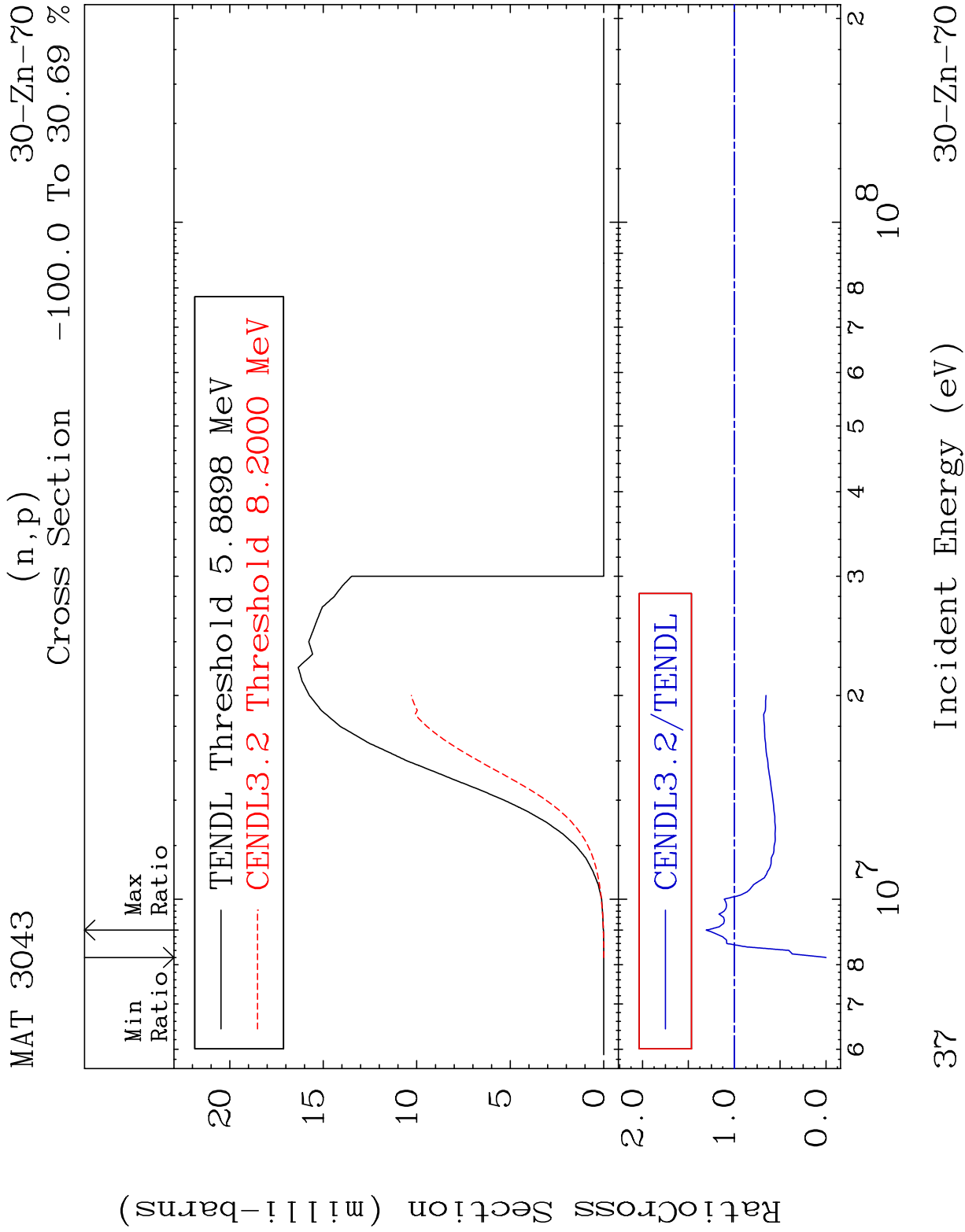


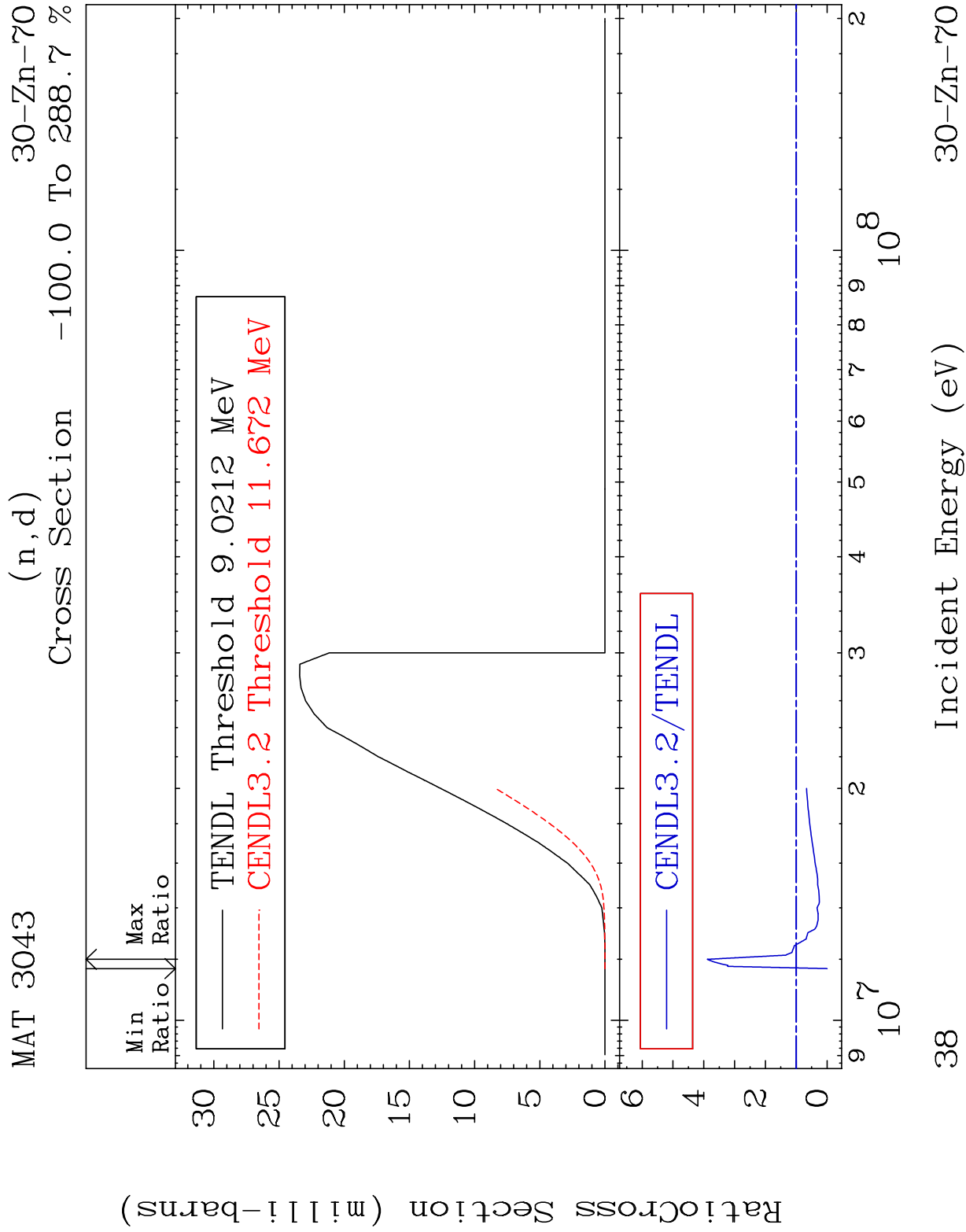
MAT 3043 MT= 77 (n,n') Level 30-Zn-70
Cross Section -100.0 To -10.56%

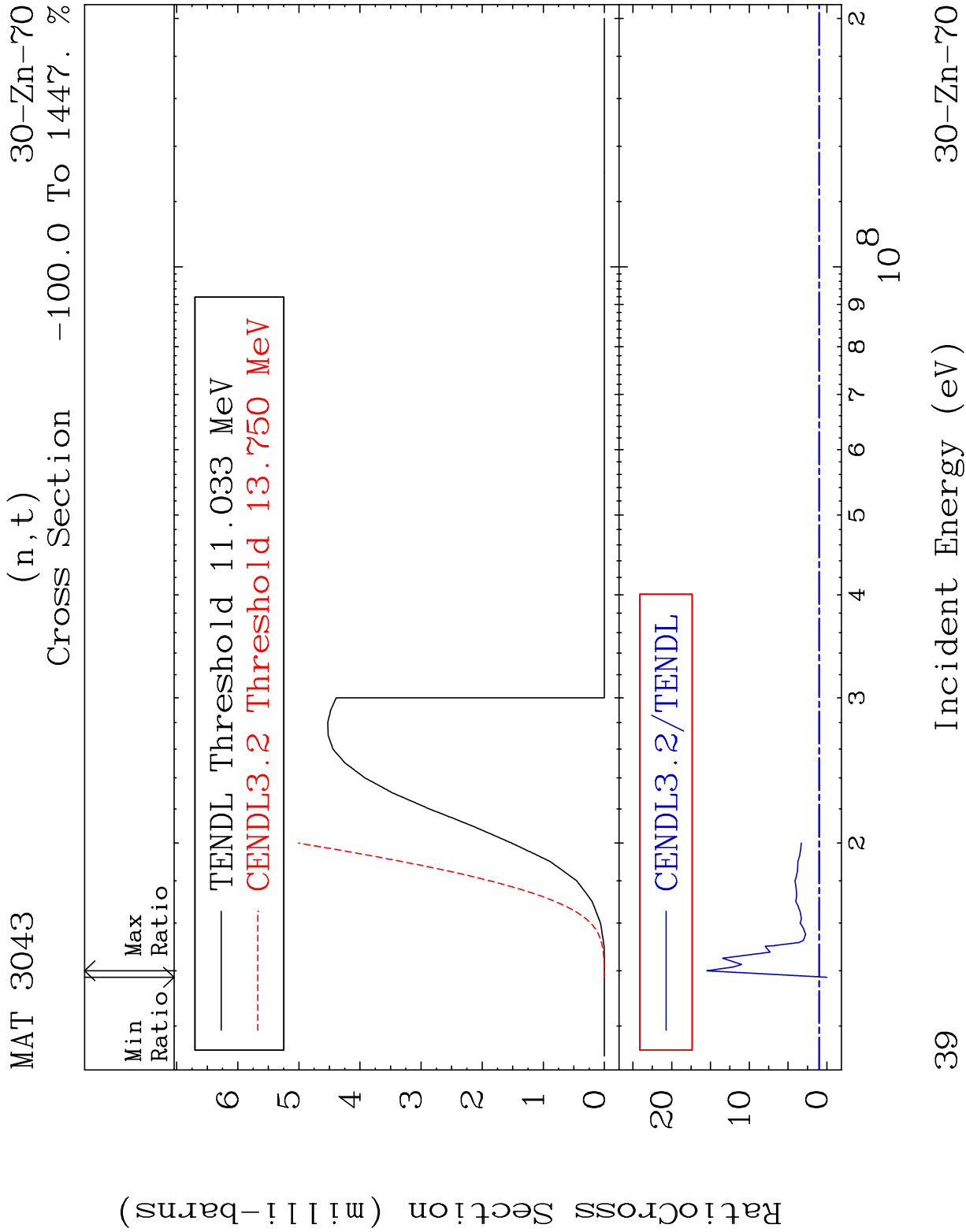


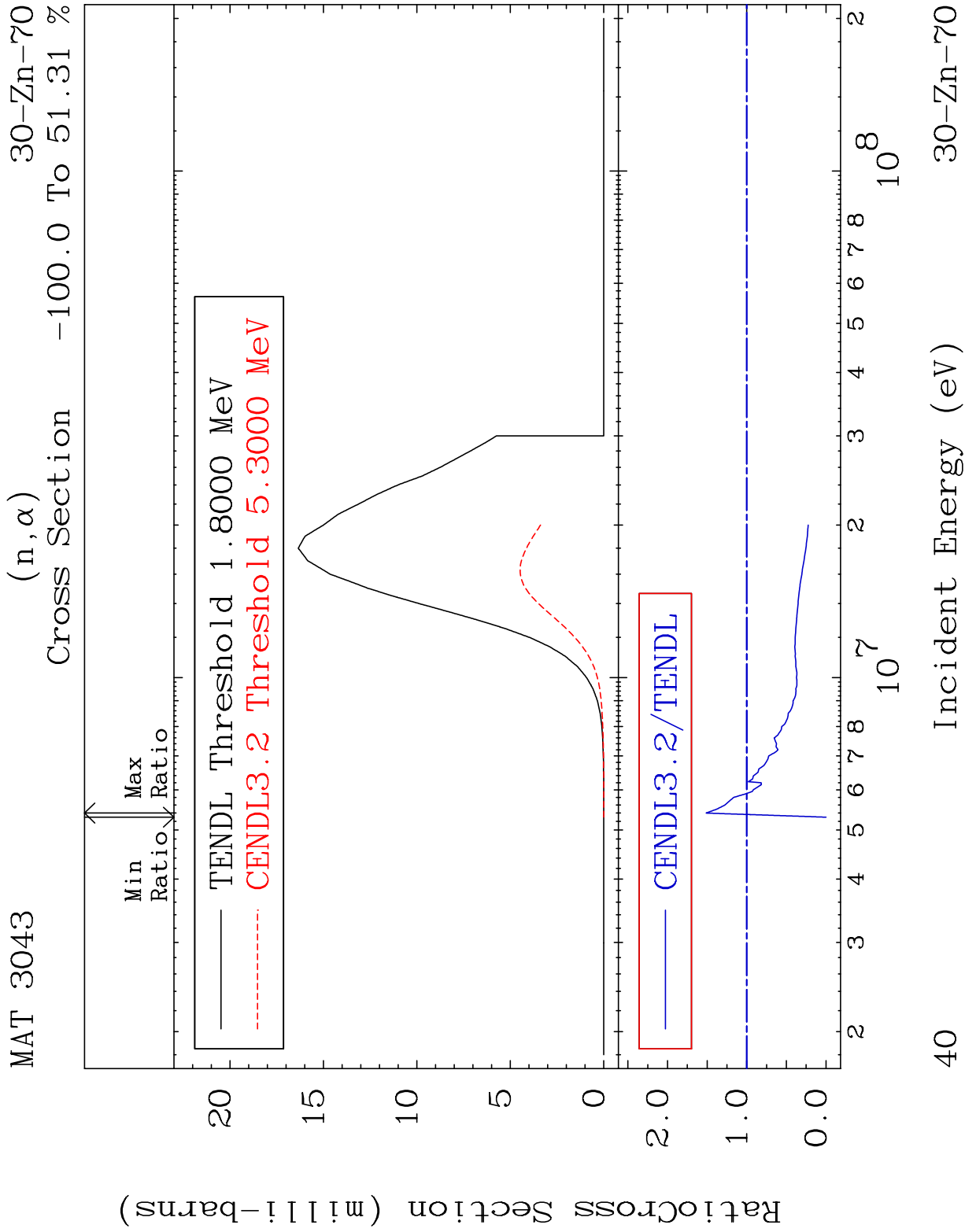


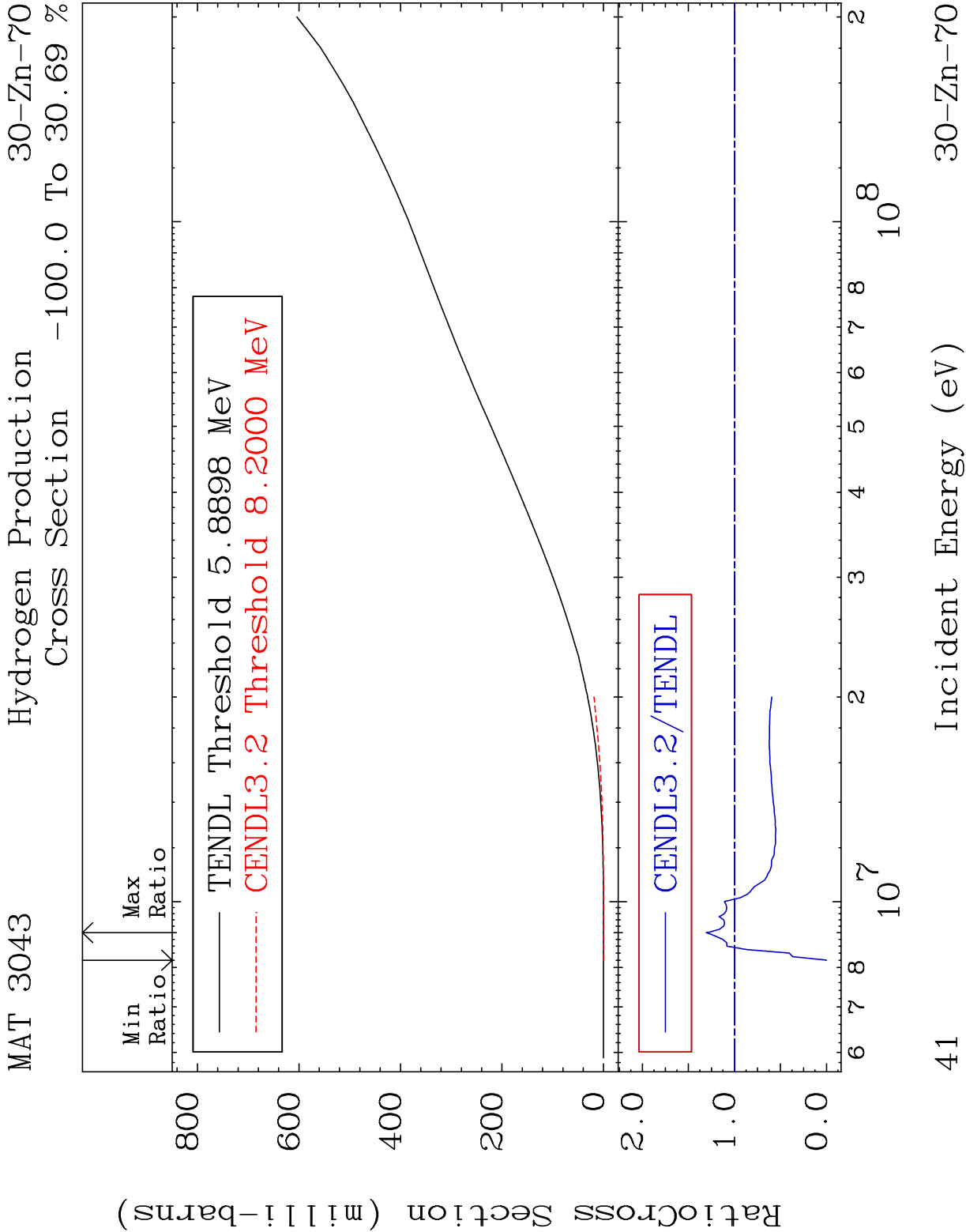




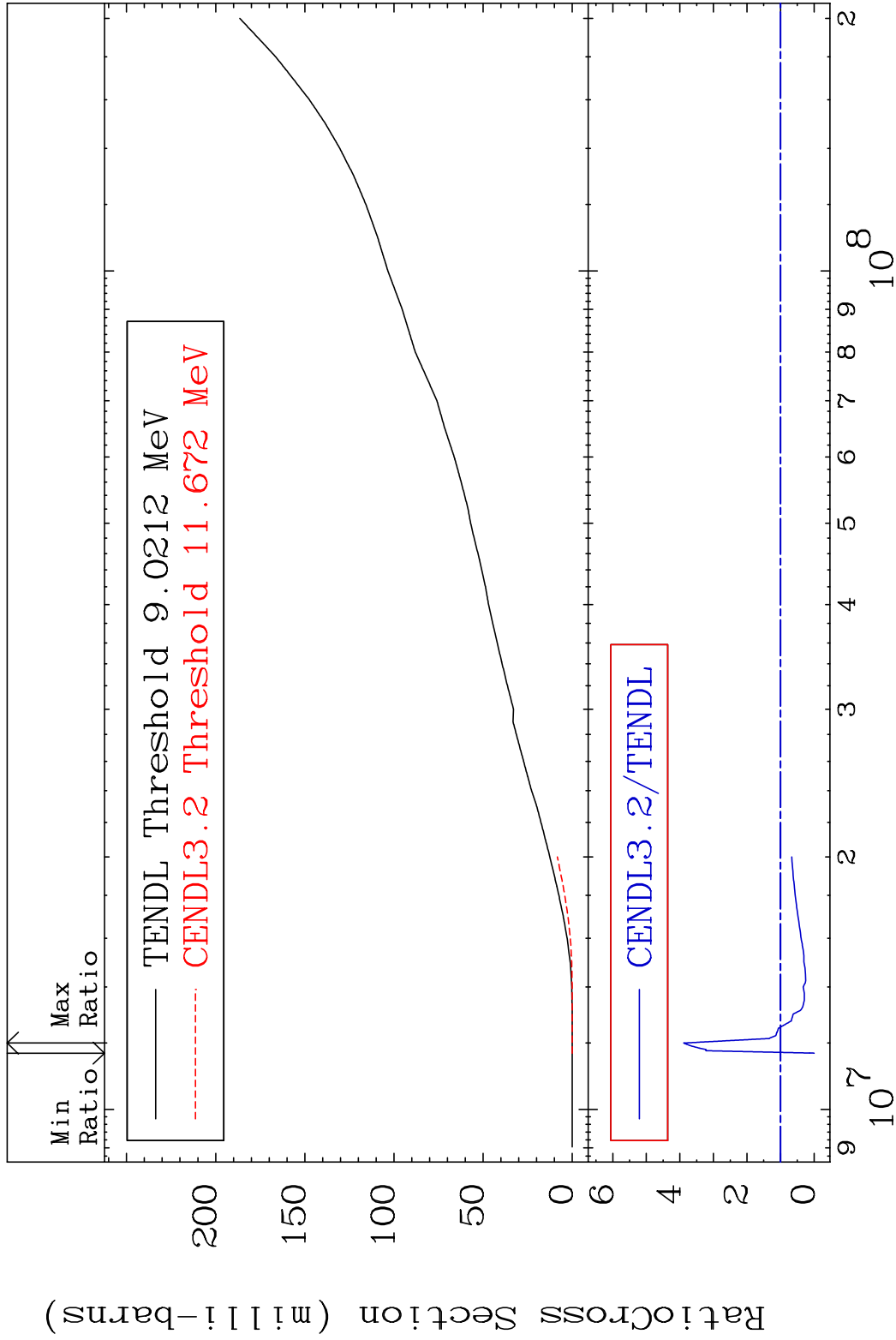


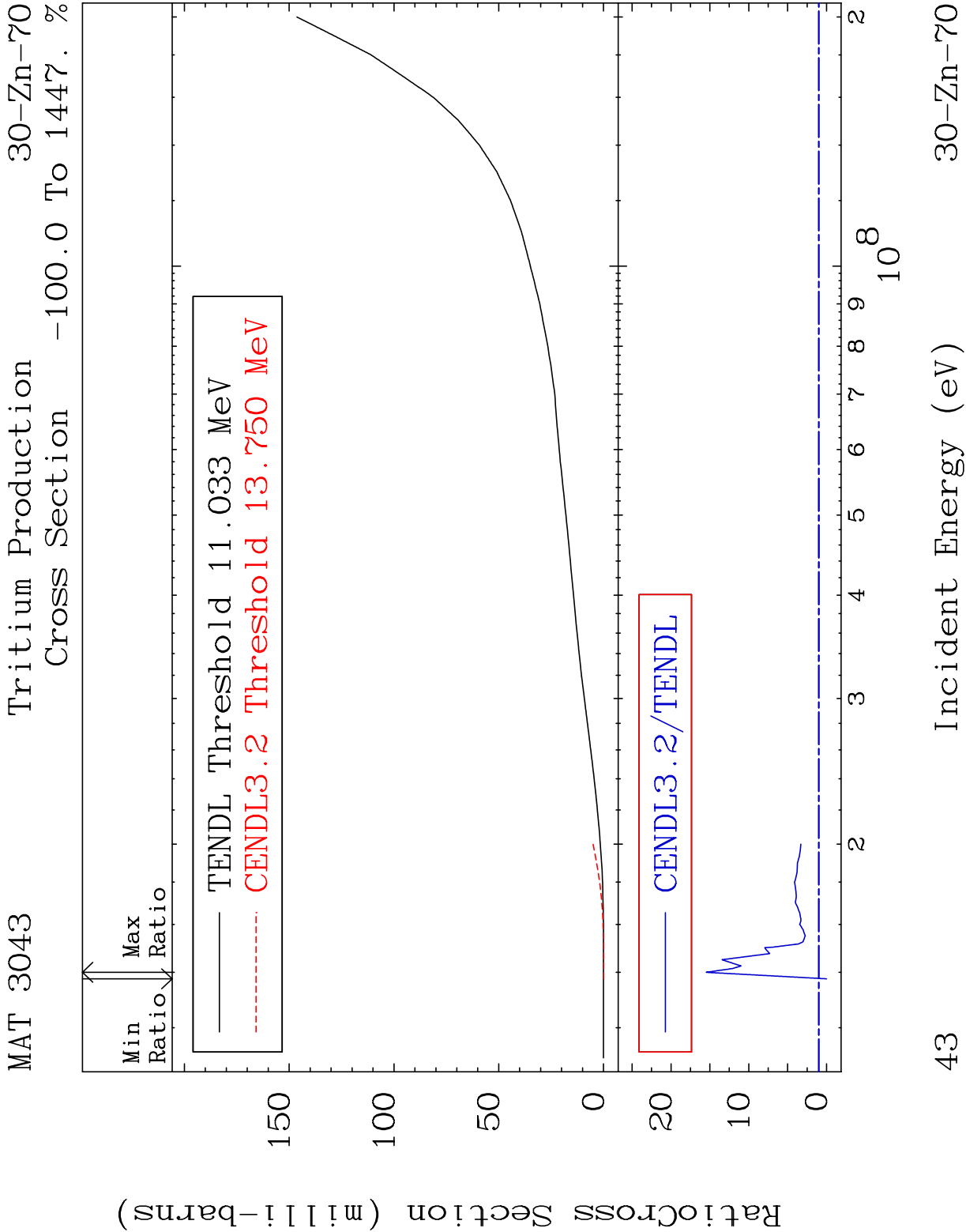




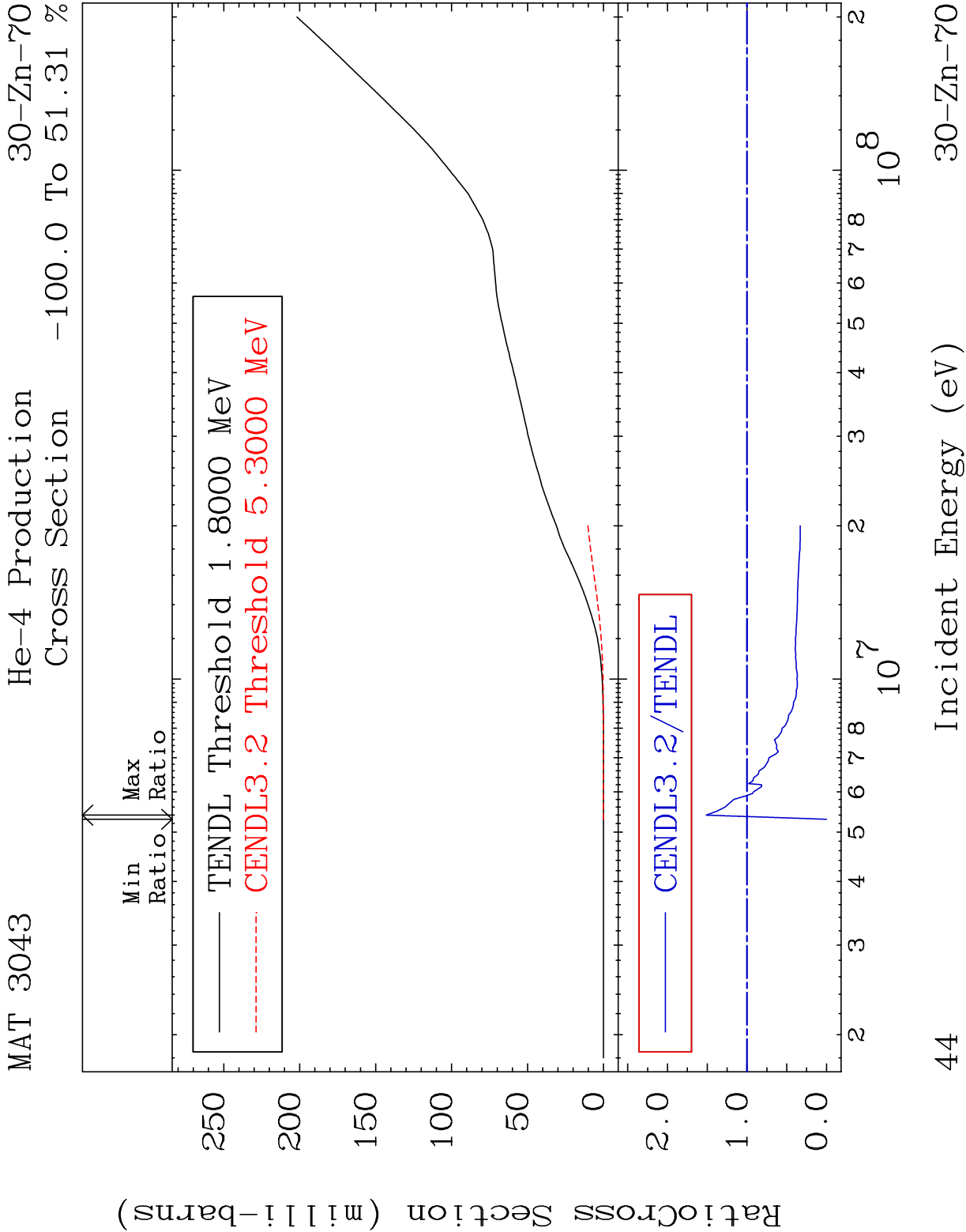


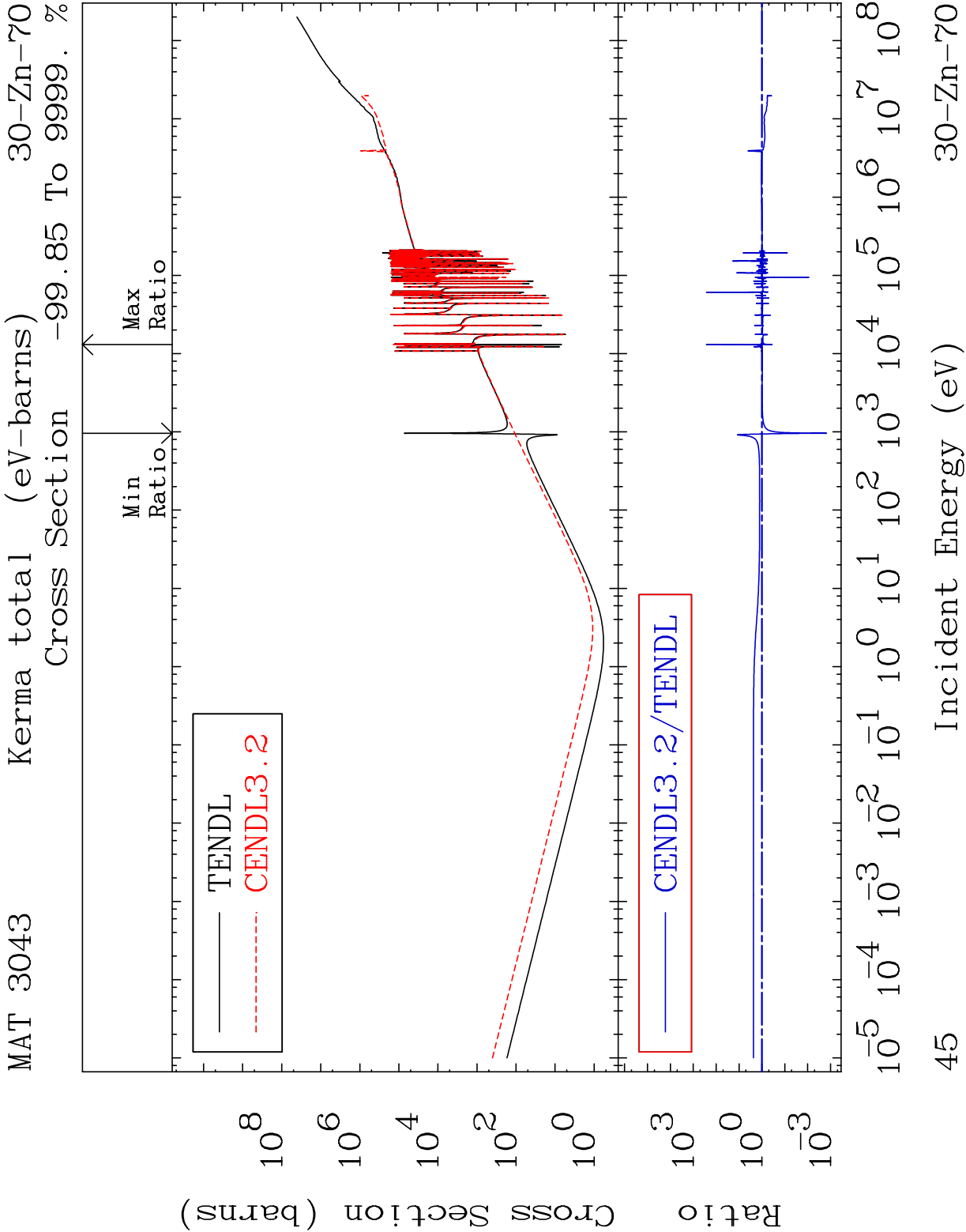
MAT 3043 Deuterium Production 30-Zn-70
Cross Section -100.0 To 288.7 %

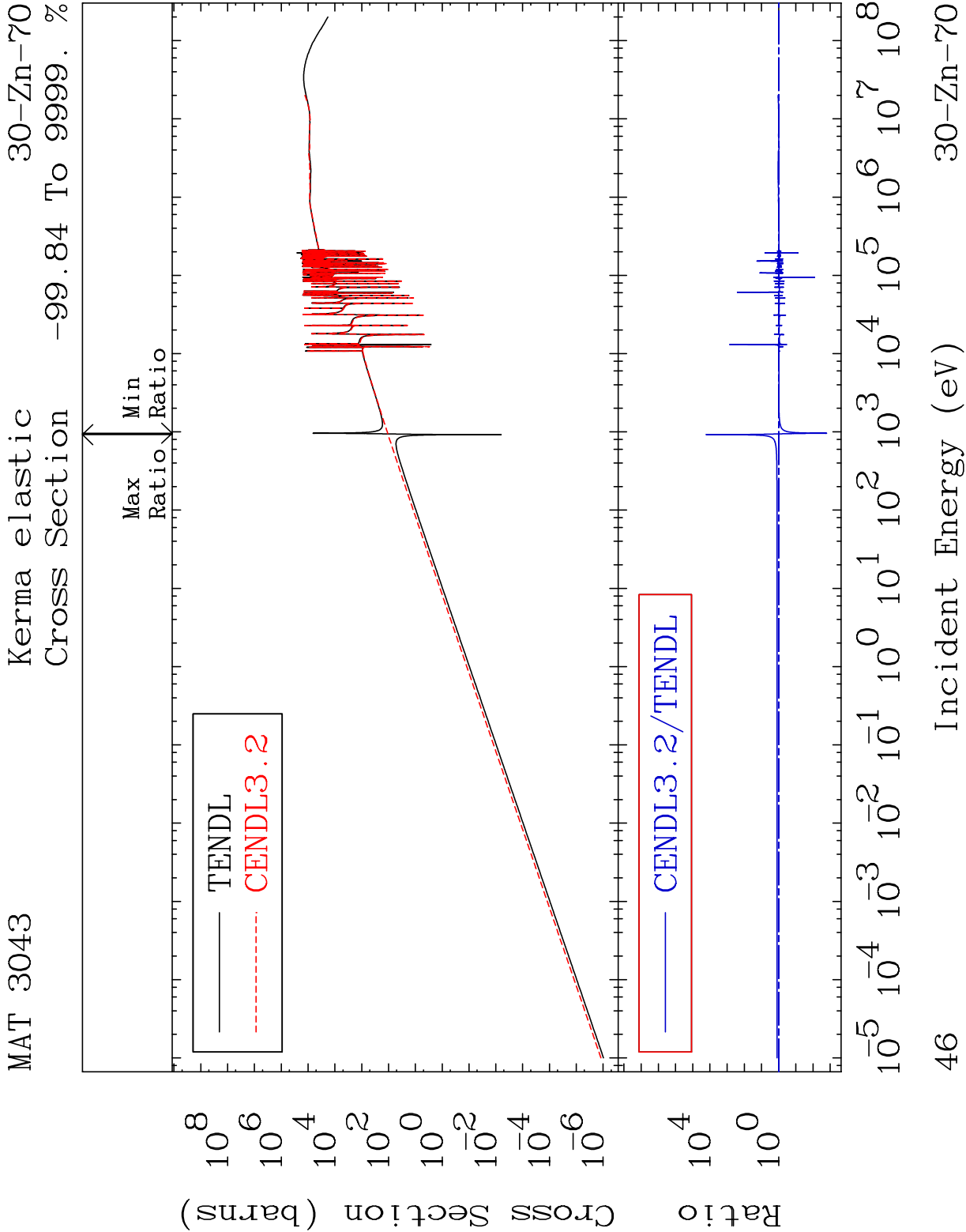




RatioCross Section (milli-barns)

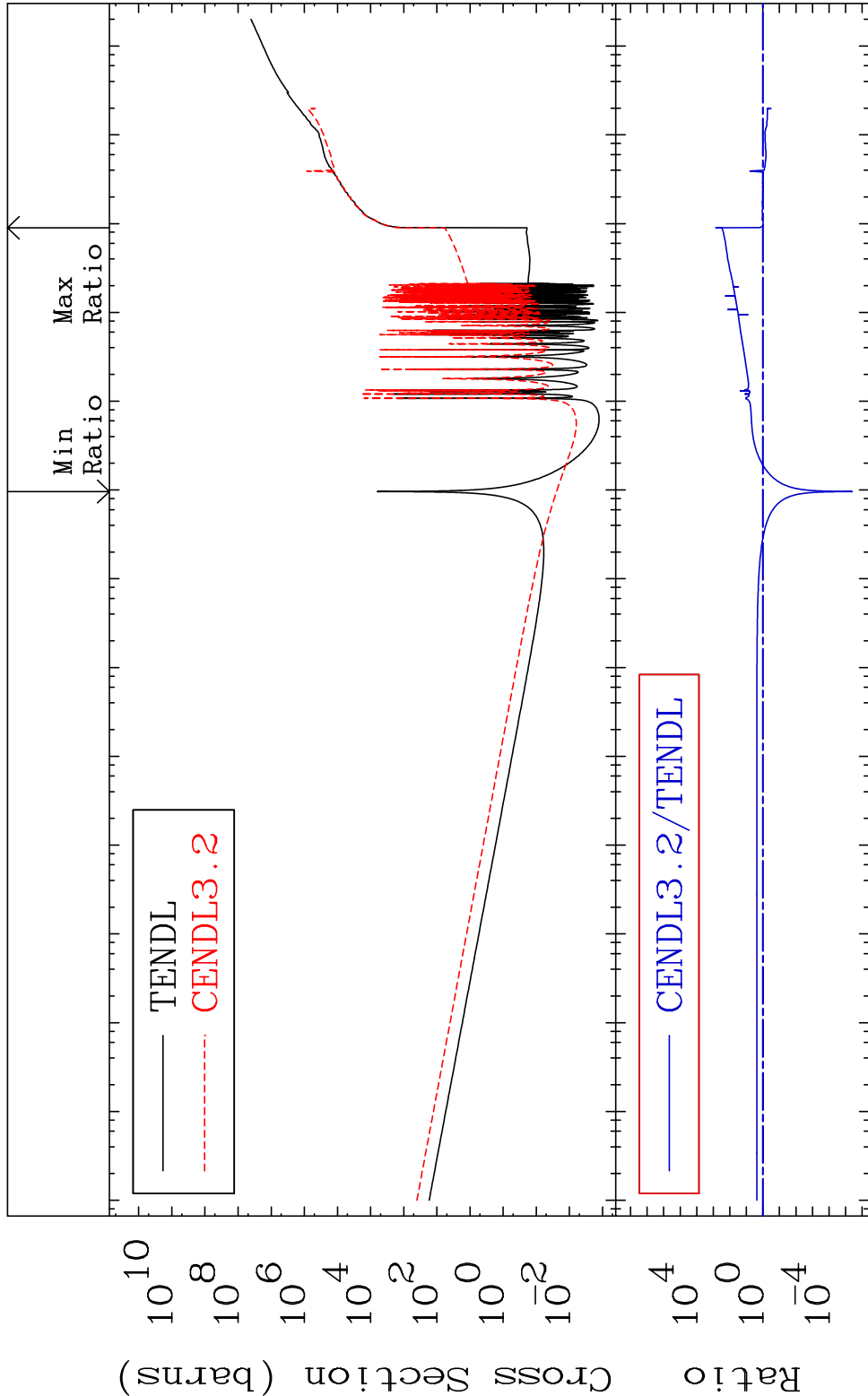




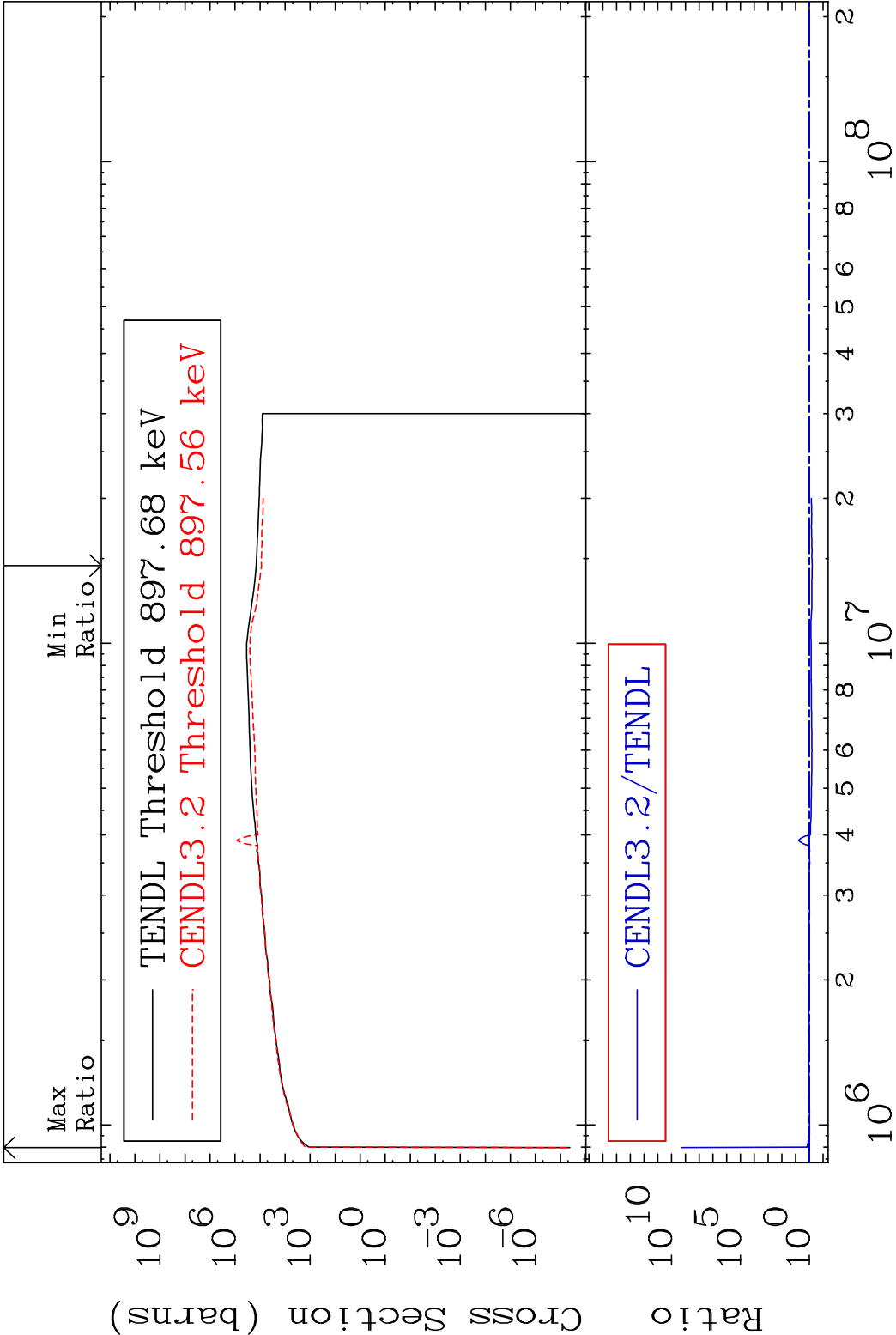


MAT 3043 Kerma non-elastic (all but mt2) 30-Zn-70

Cross Section -100.0 To 9999. %

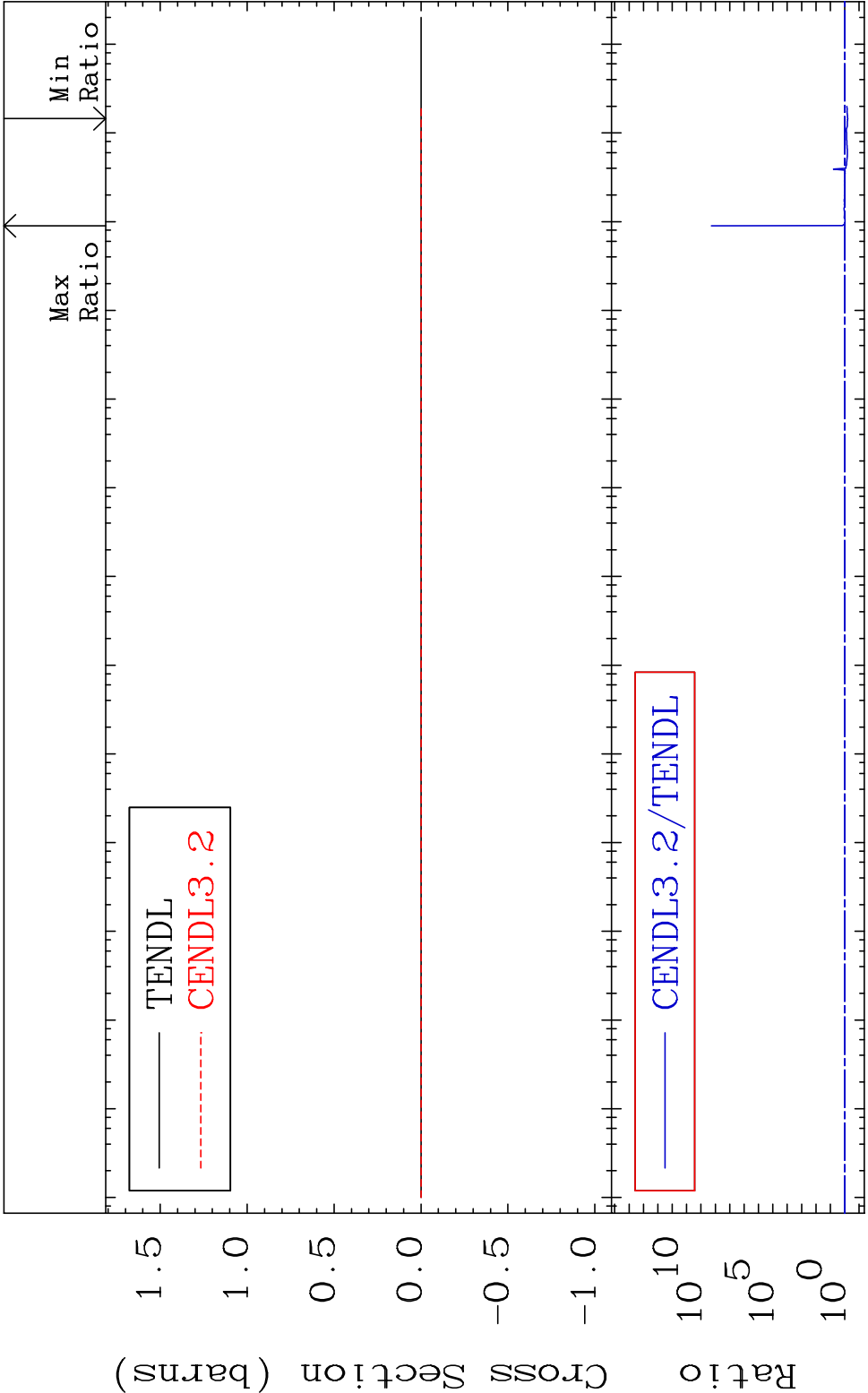


MAT 3043 Kerma inelastic (mt51-91) 30-Zn-70
Cross Section -38.60 To 9999. %

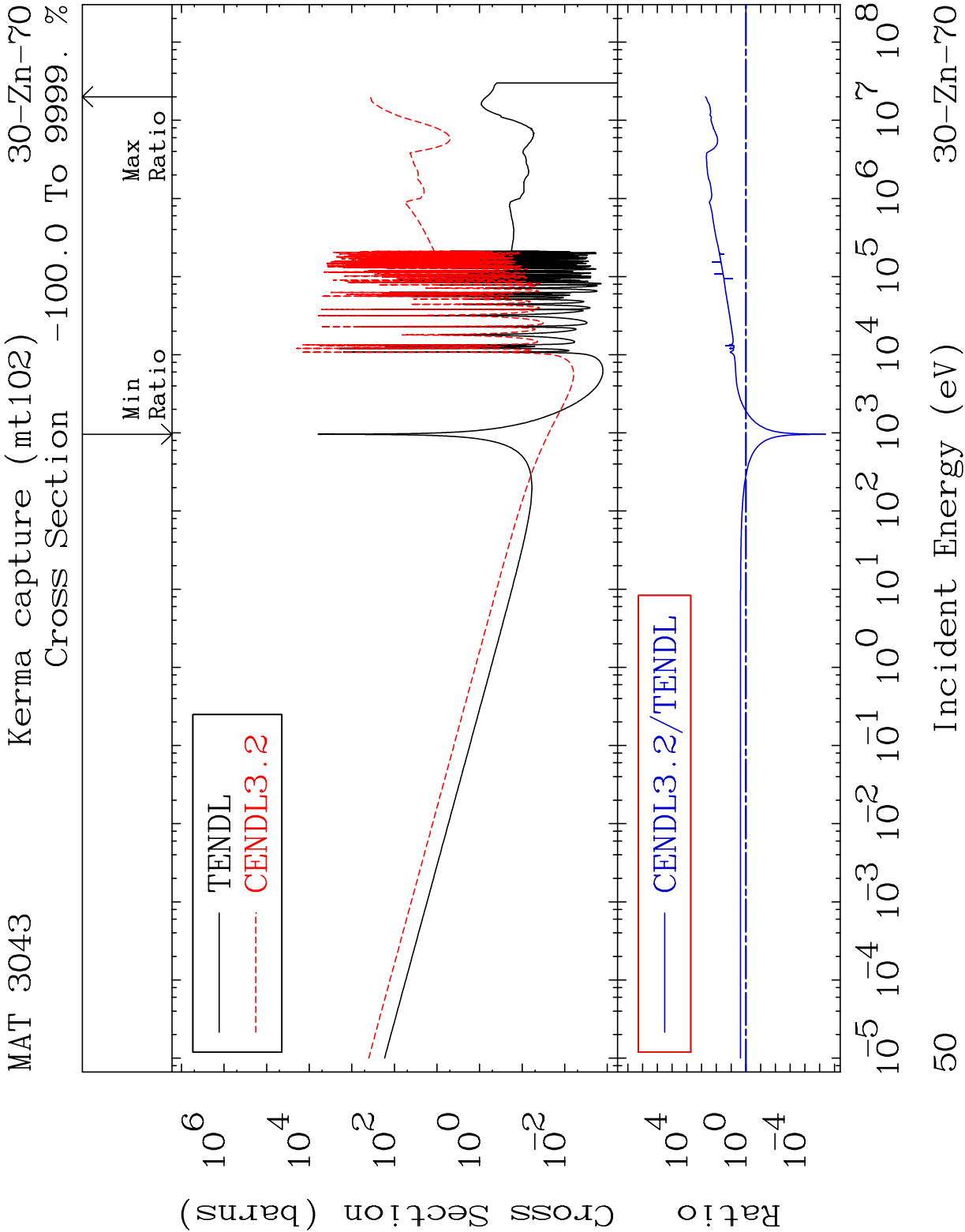


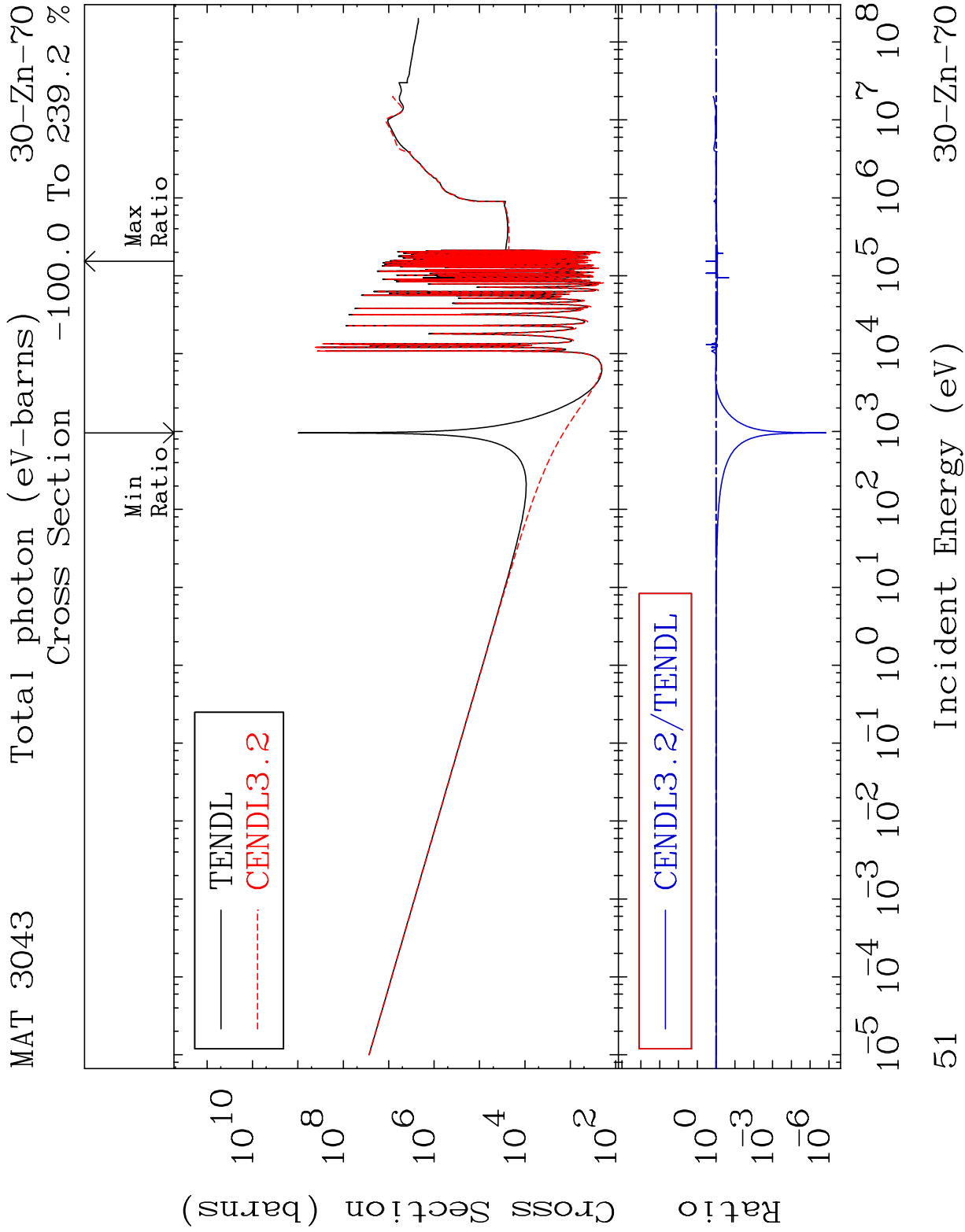
48

MAT 3043Kerma fission (mt18 or mt19-20-21-38) 30-Zn-70
 Cross Section -38.60 To 9999. %

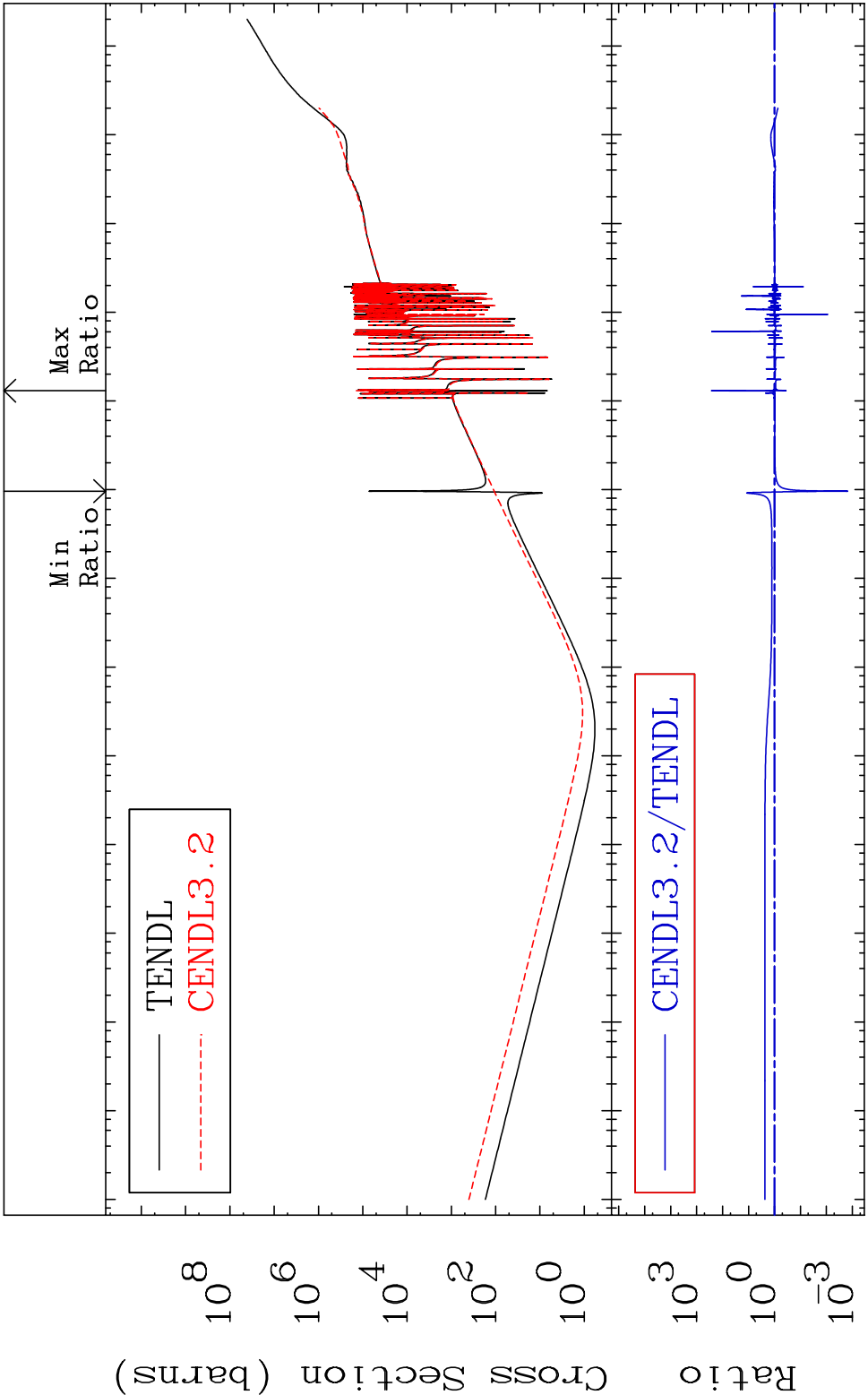


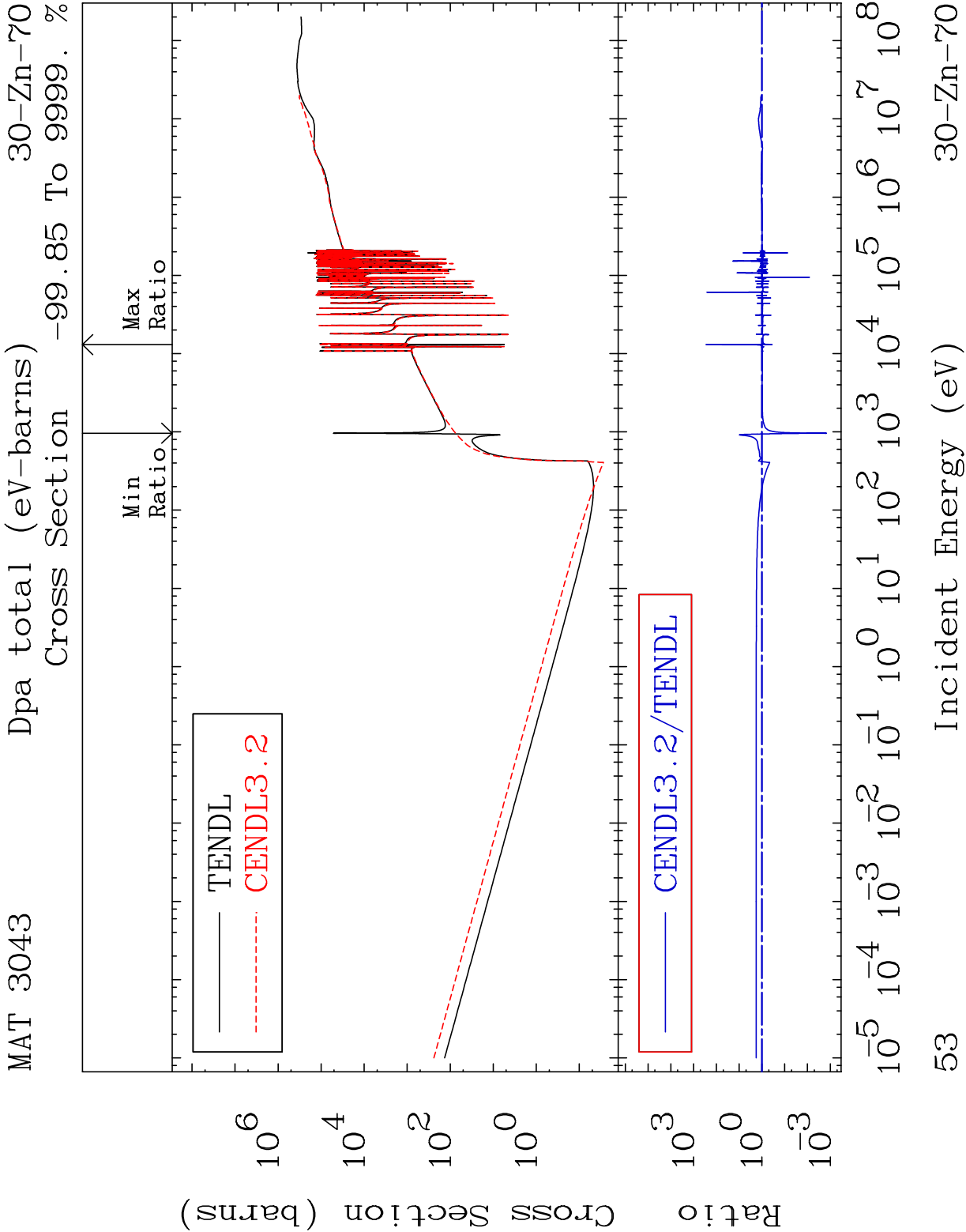
49 Incident Energy (eV) 30-Zn-70



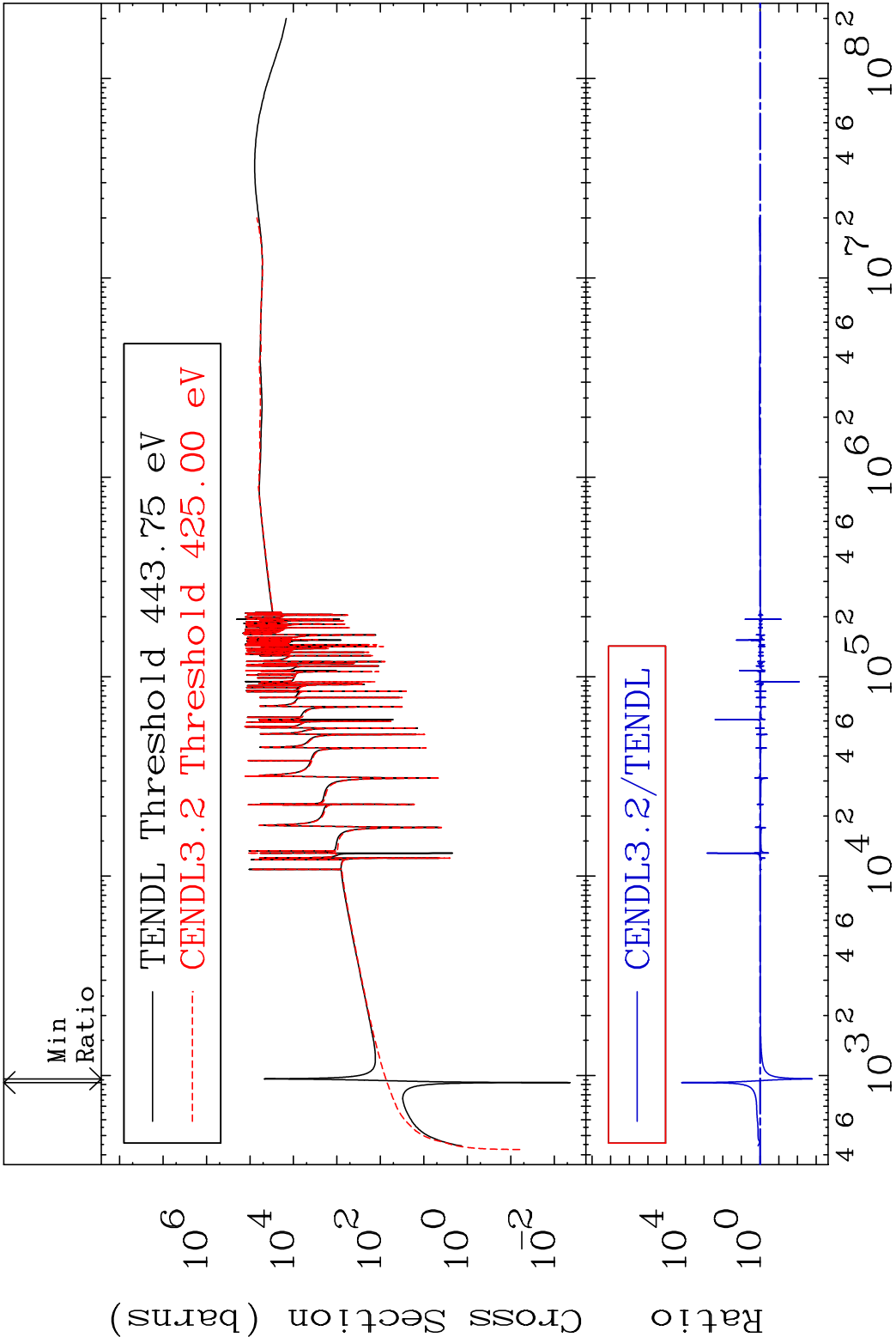


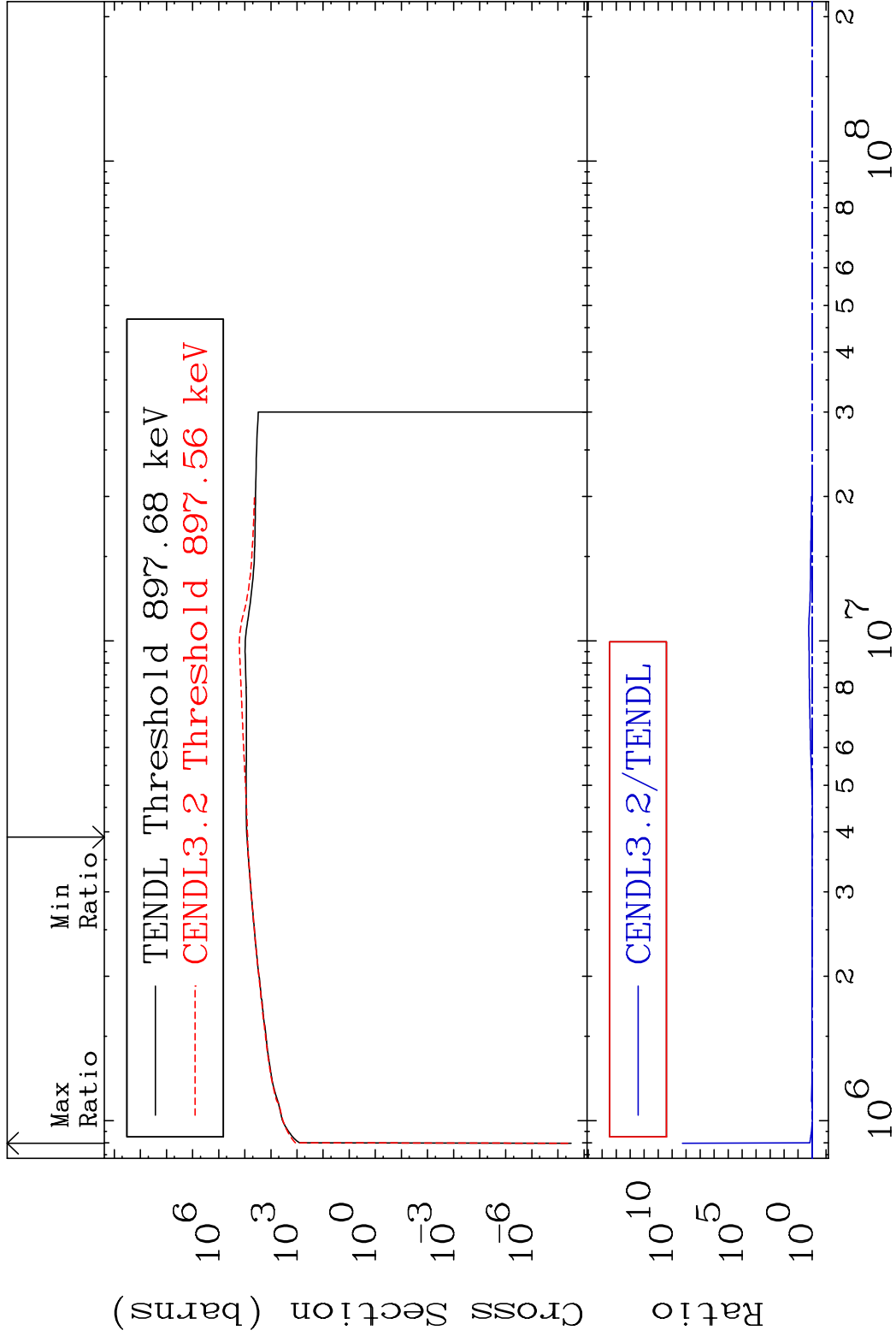
MAT 3043 Total kinematic kerma (high limit) 30-Zn-70
Cross Section -99.85 To 9999. %



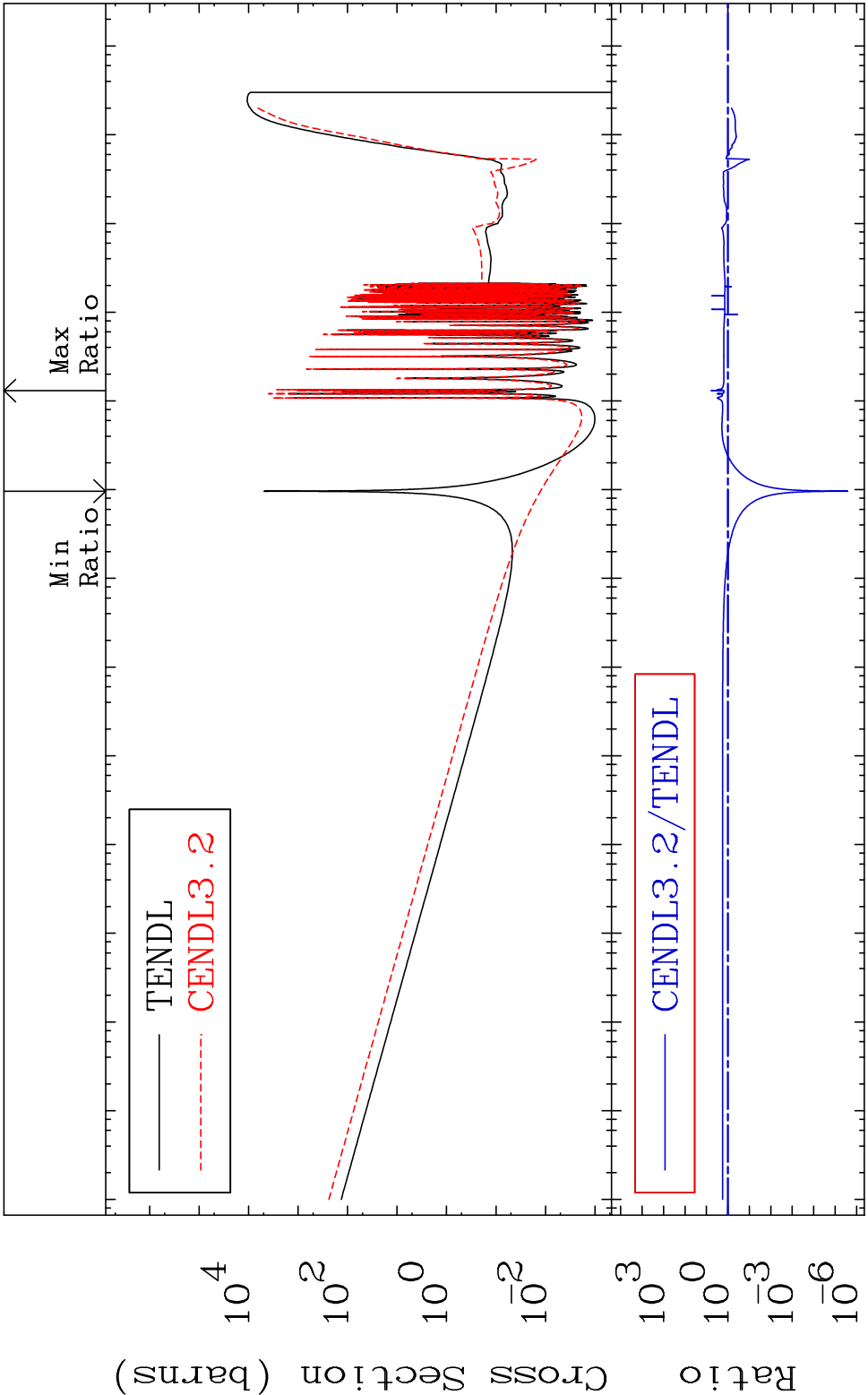


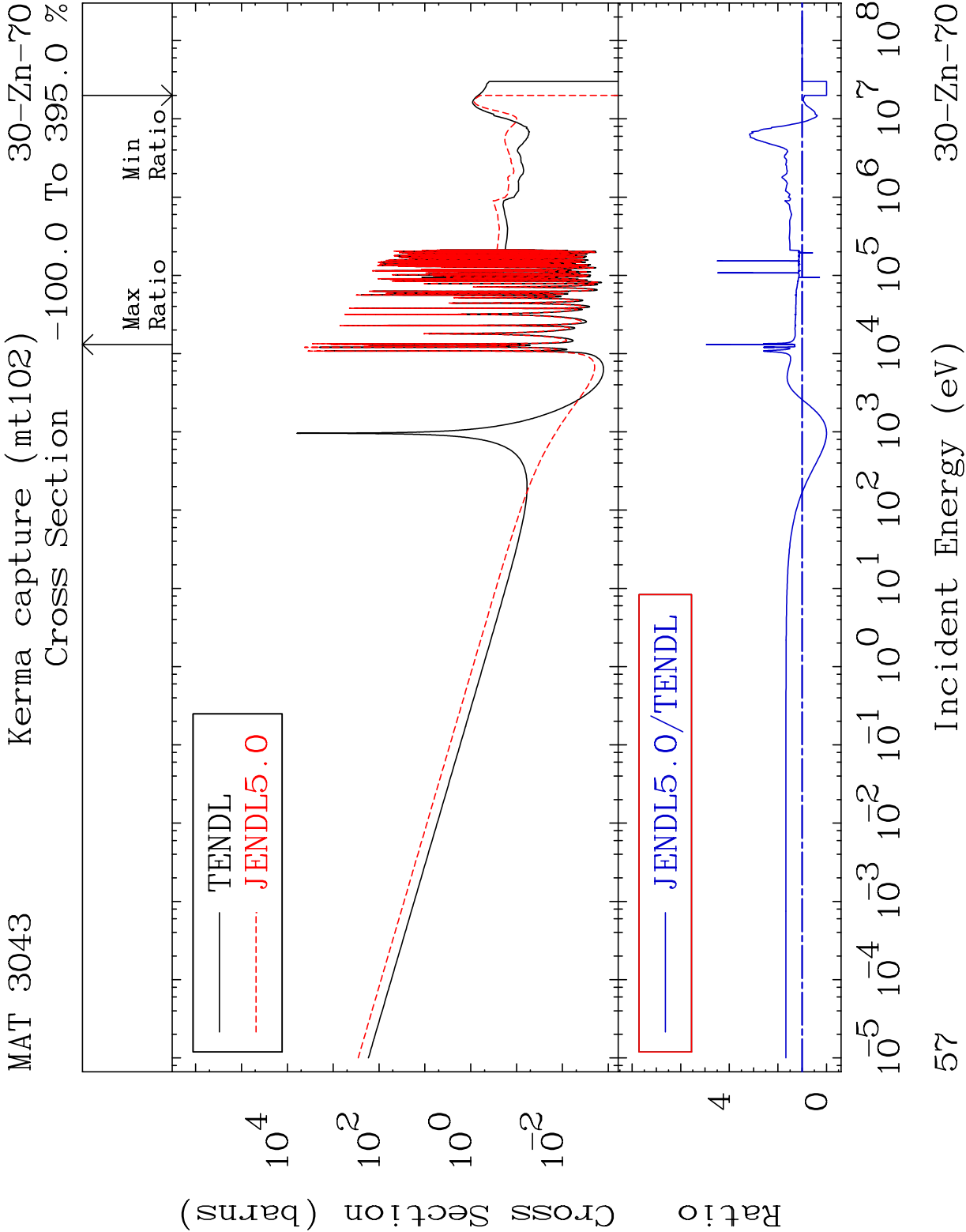
MAT 3043 Dpa elastic (mt2) 30-Zn-70
 Cross Section -99.84 To 9999. %

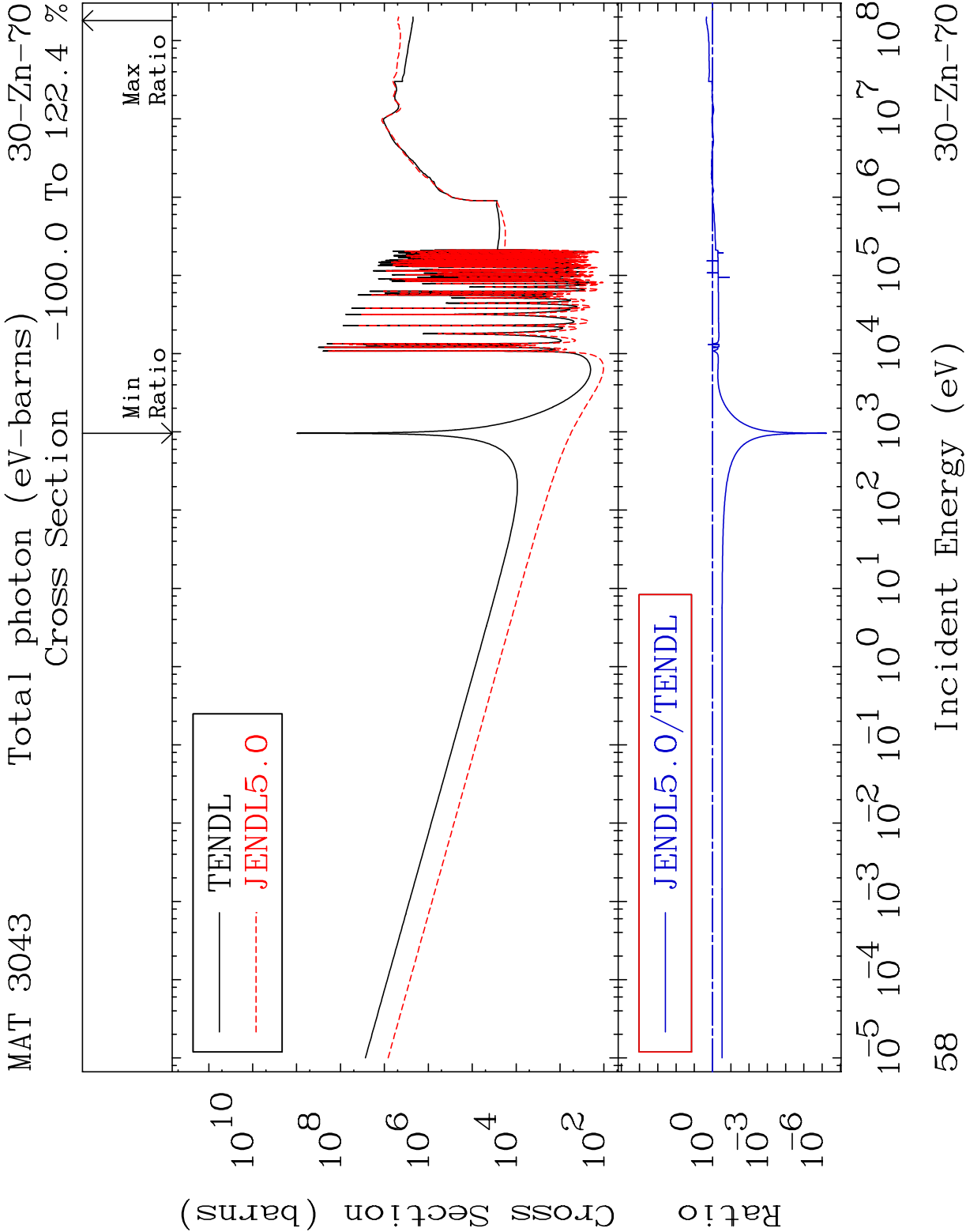




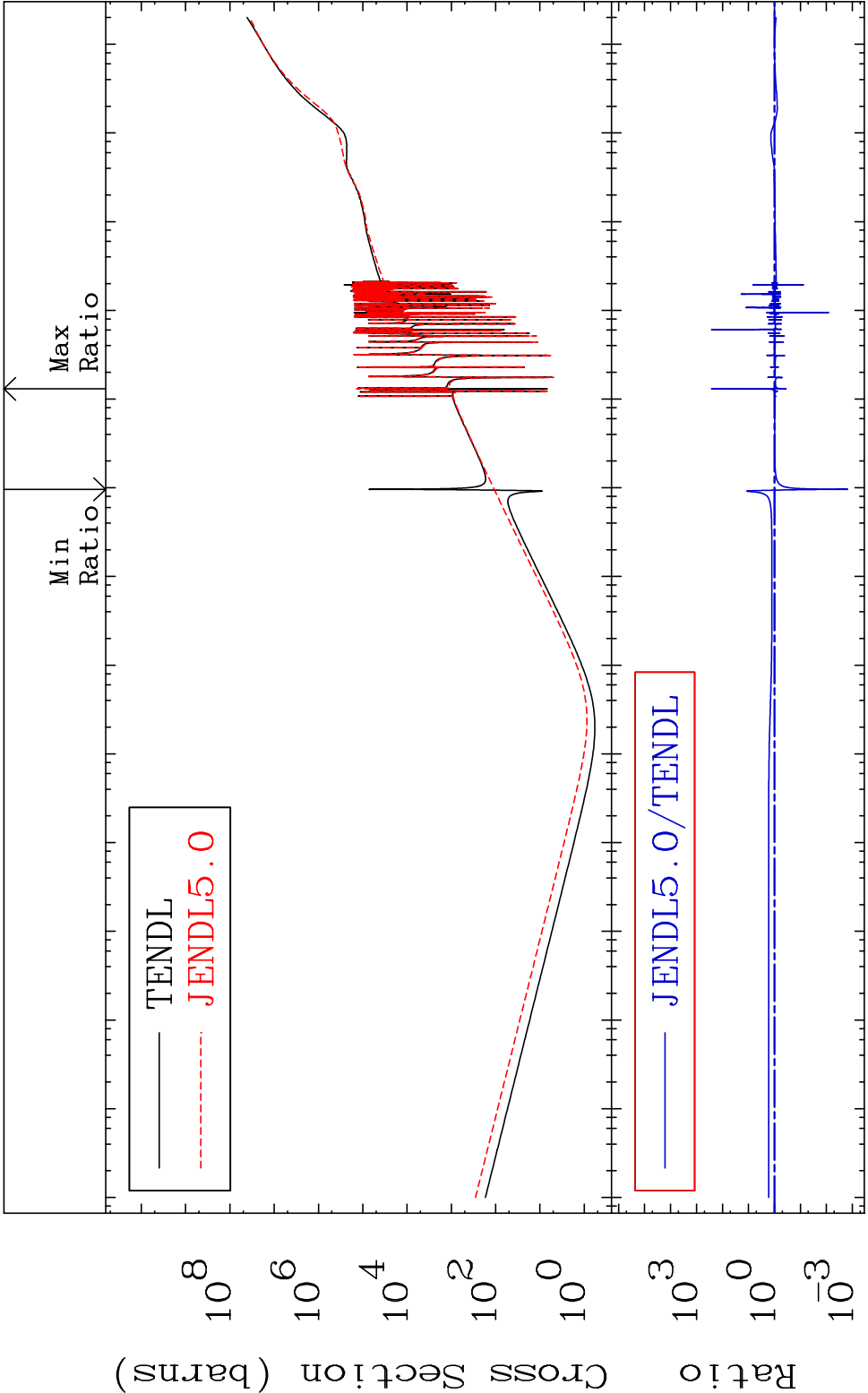
MAT 3043 Dpa disappearance (mt102 -120) 30-Zn-70
Cross Section -100.0 To 491.9 %



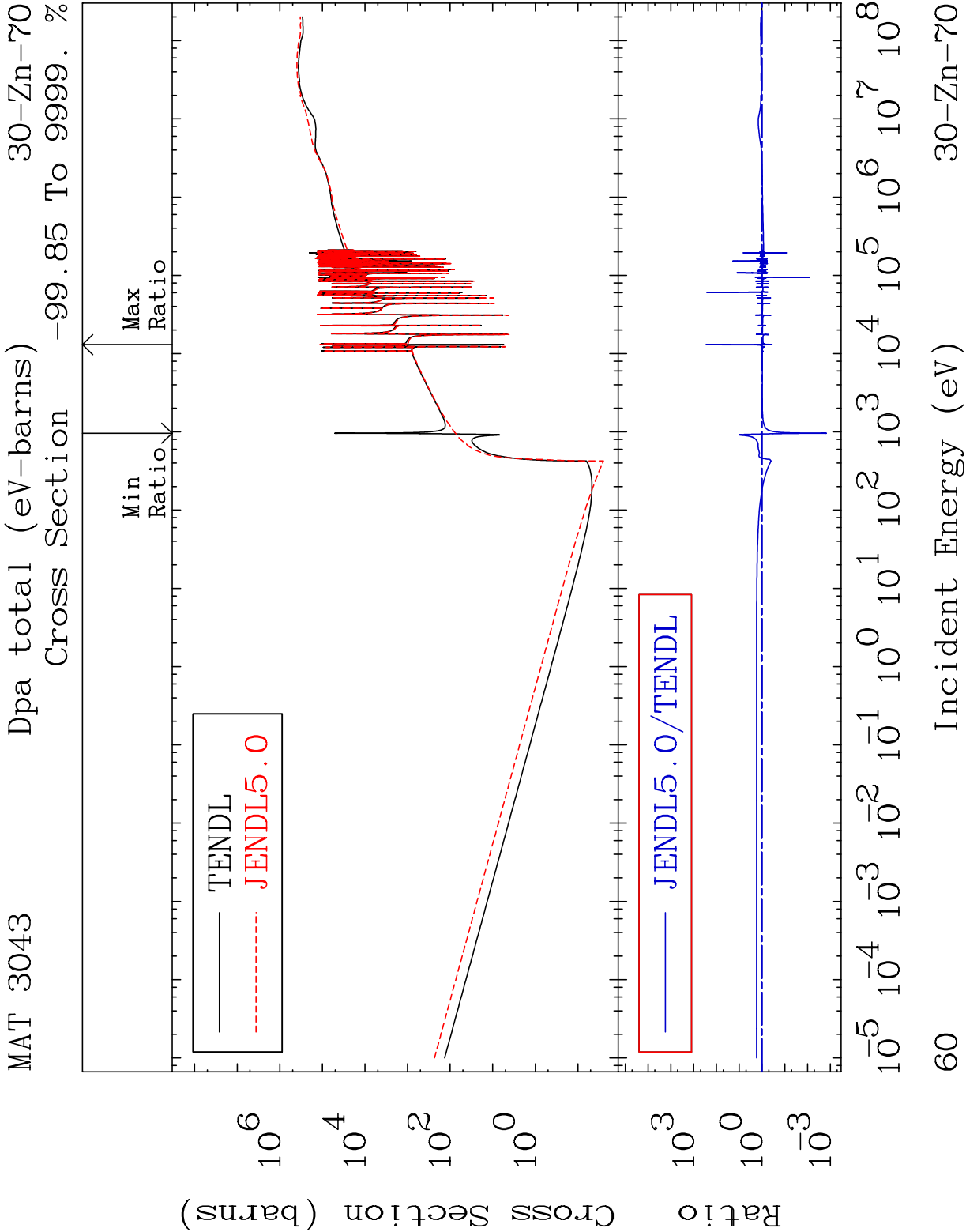




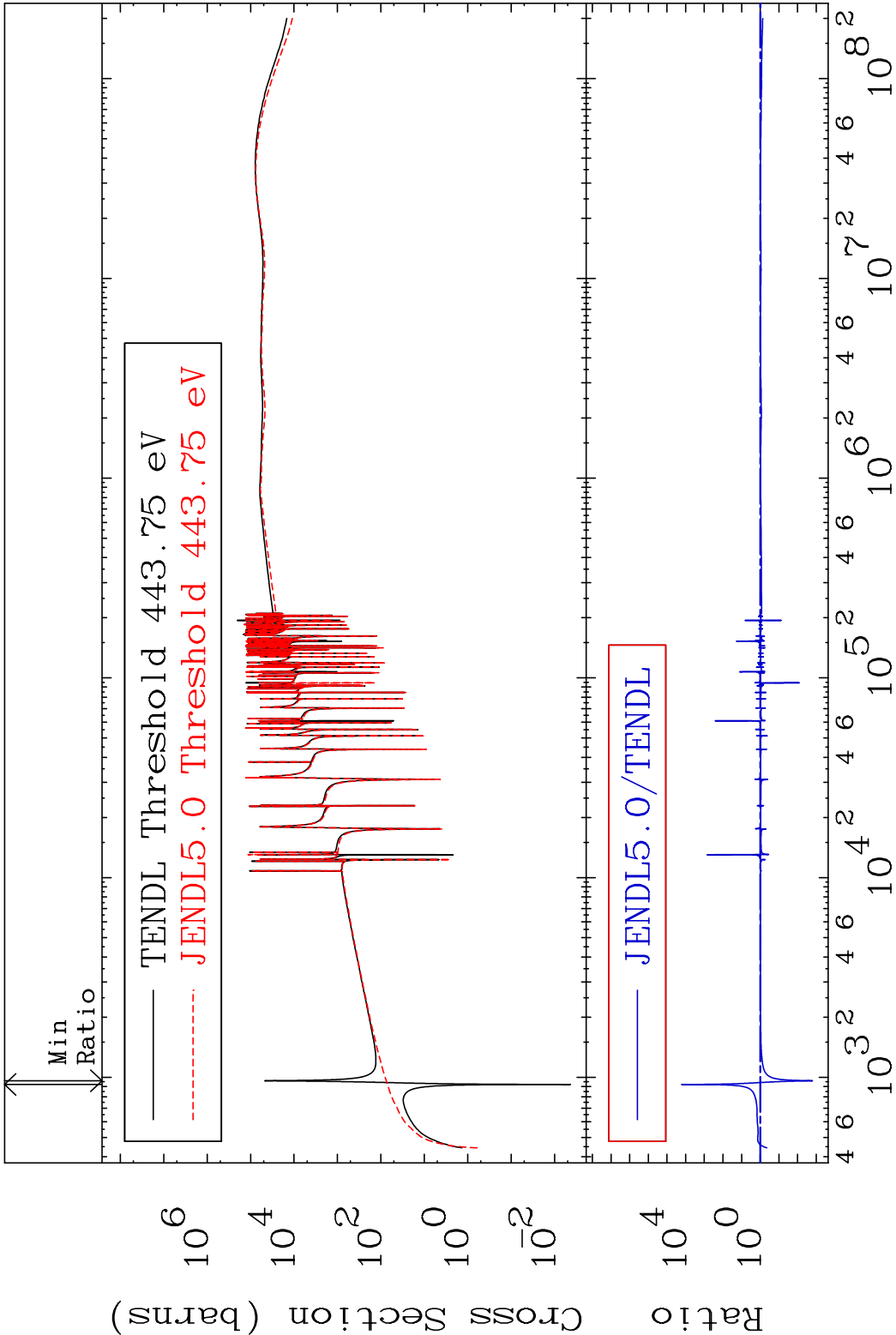
MAT 3043 Total kinematic kerma (high limit) 30-Zn-70
Cross Section -99.85 To 9999. %

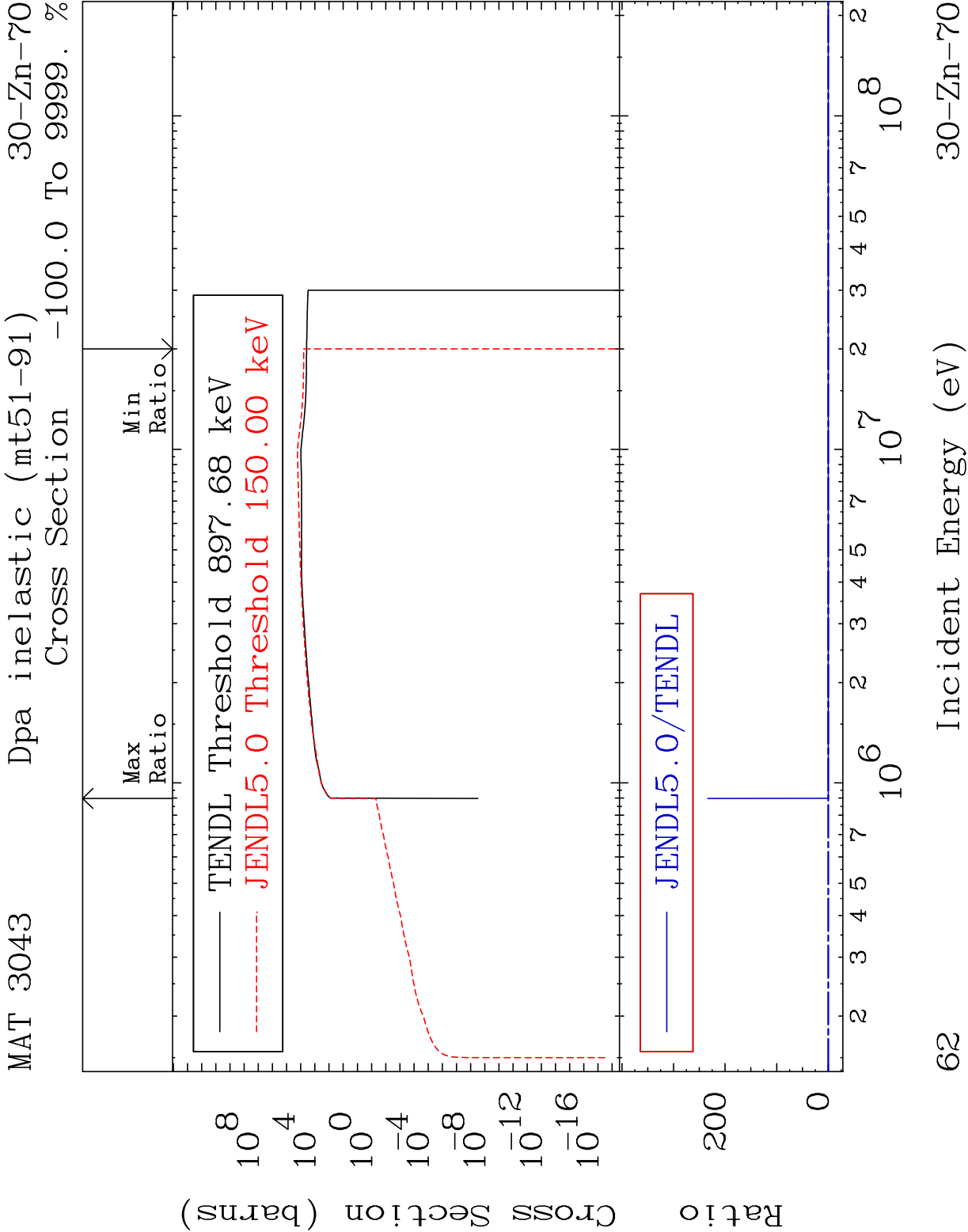


Incident Energy (eV) 30-Zn-70



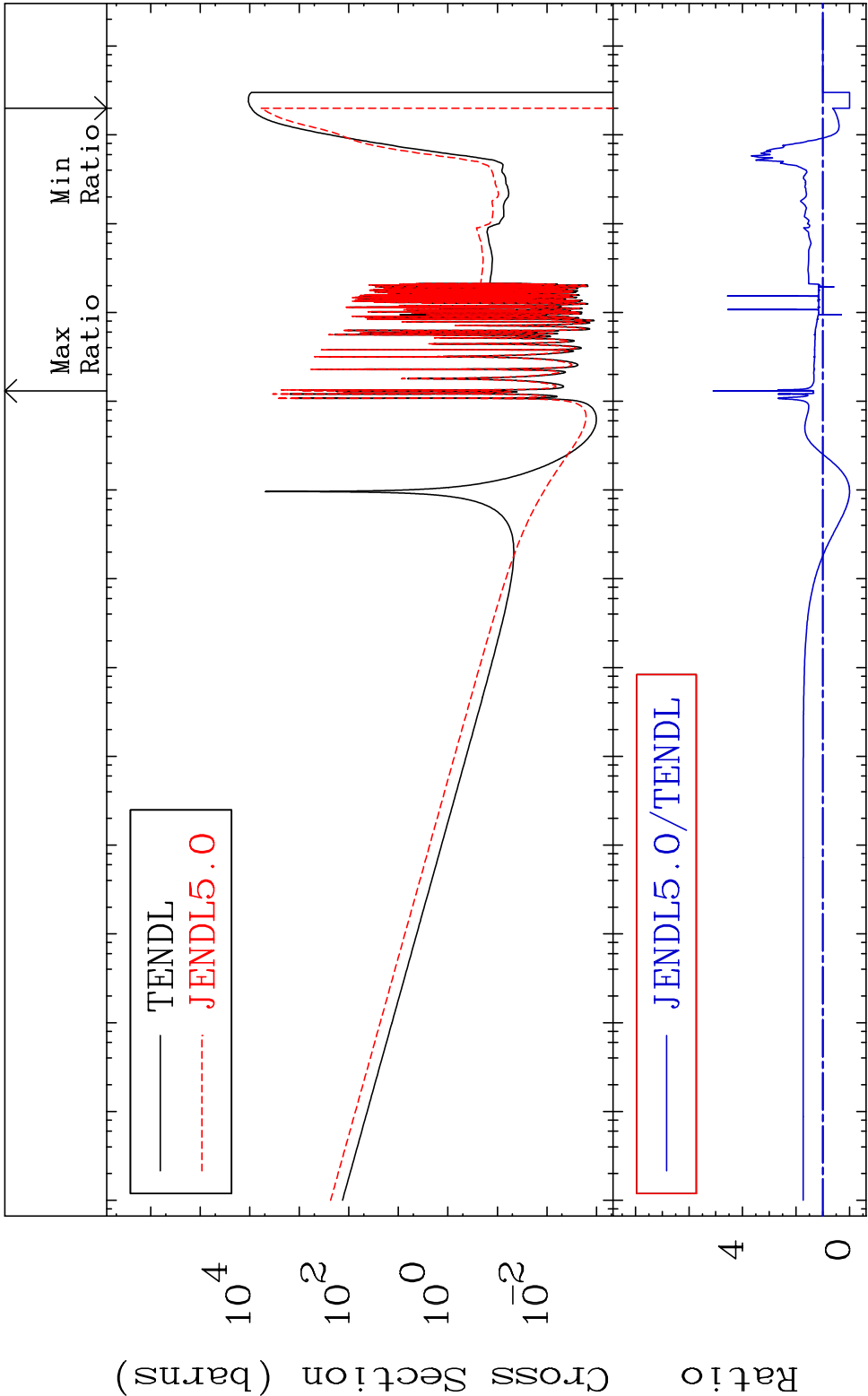
MAT 3043 Dpa elastic (mt2) 30-Zn-70
 Cross Section -99.84 To 9999. %





MAT 3043 Dpa disappearance (mt102 -120) 30-Zn-70

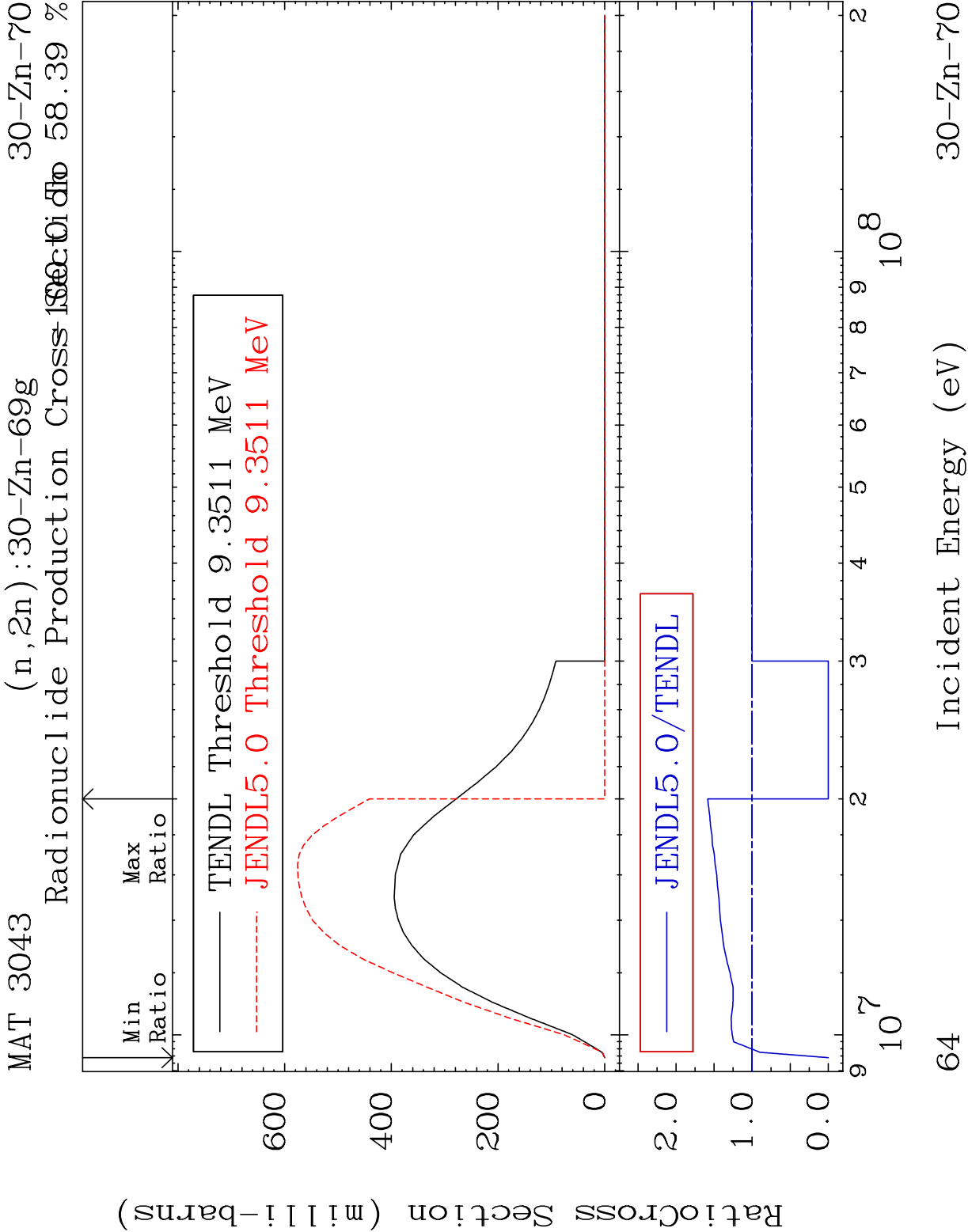
Cross Section -100.0 To 410.4 %

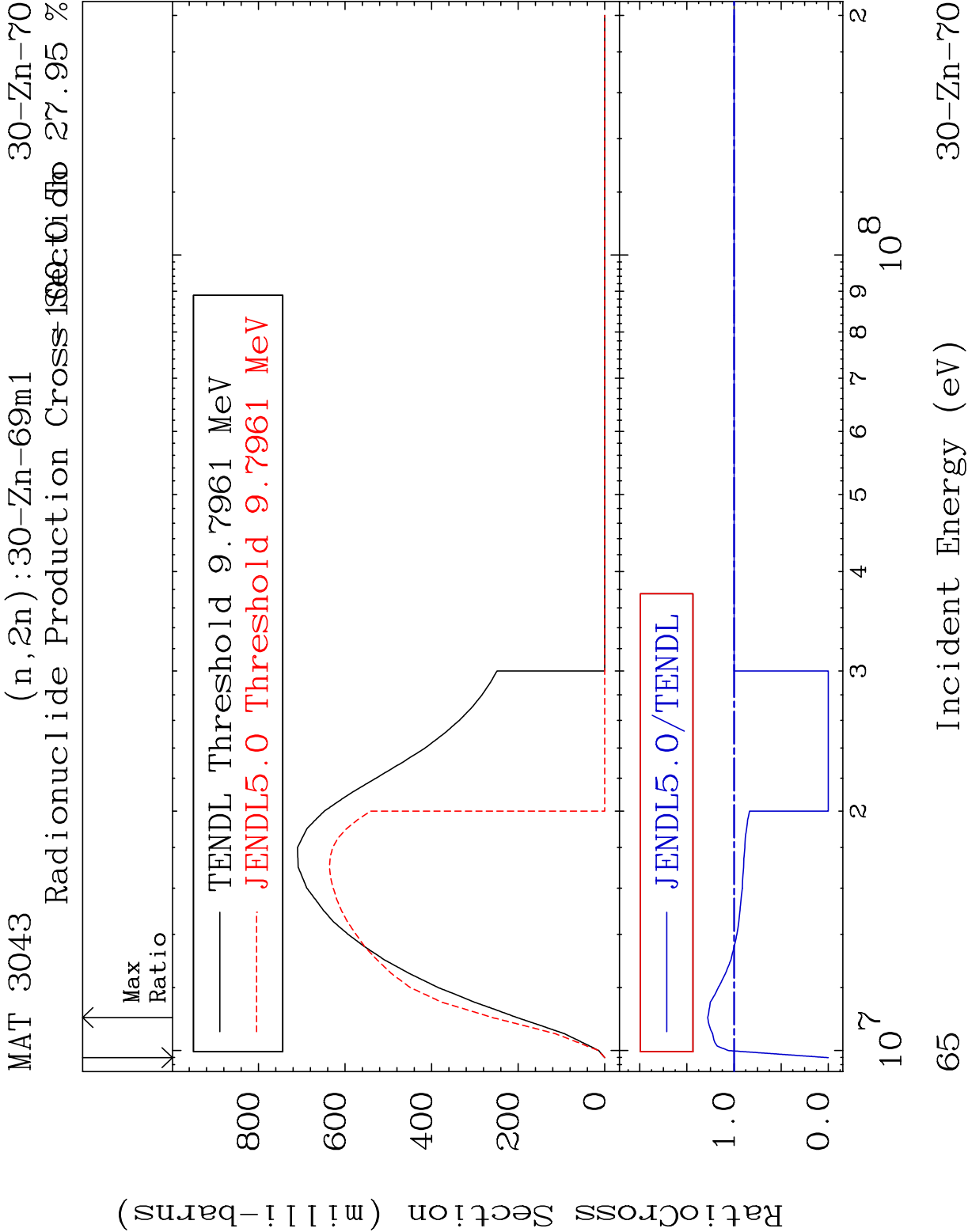


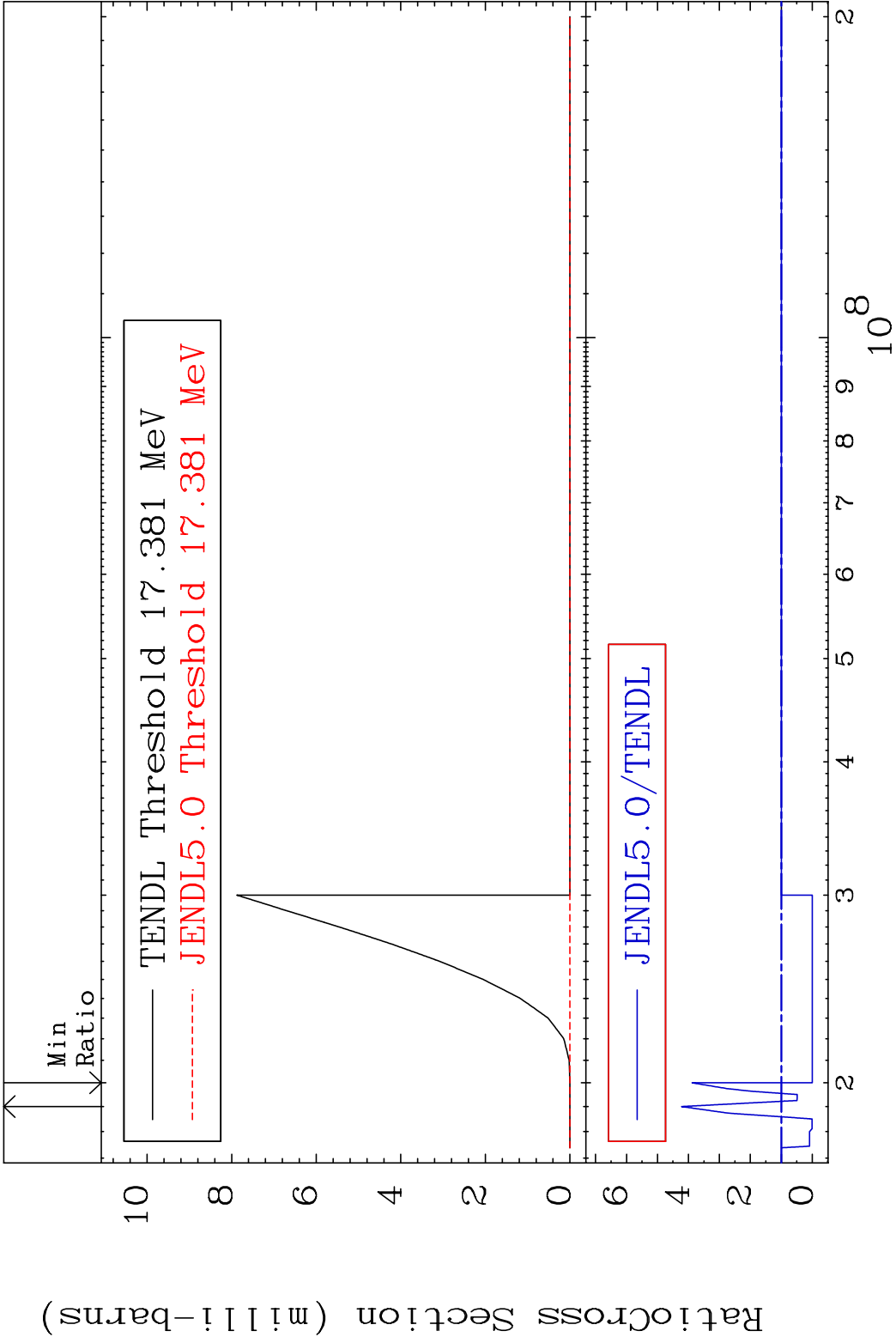
63

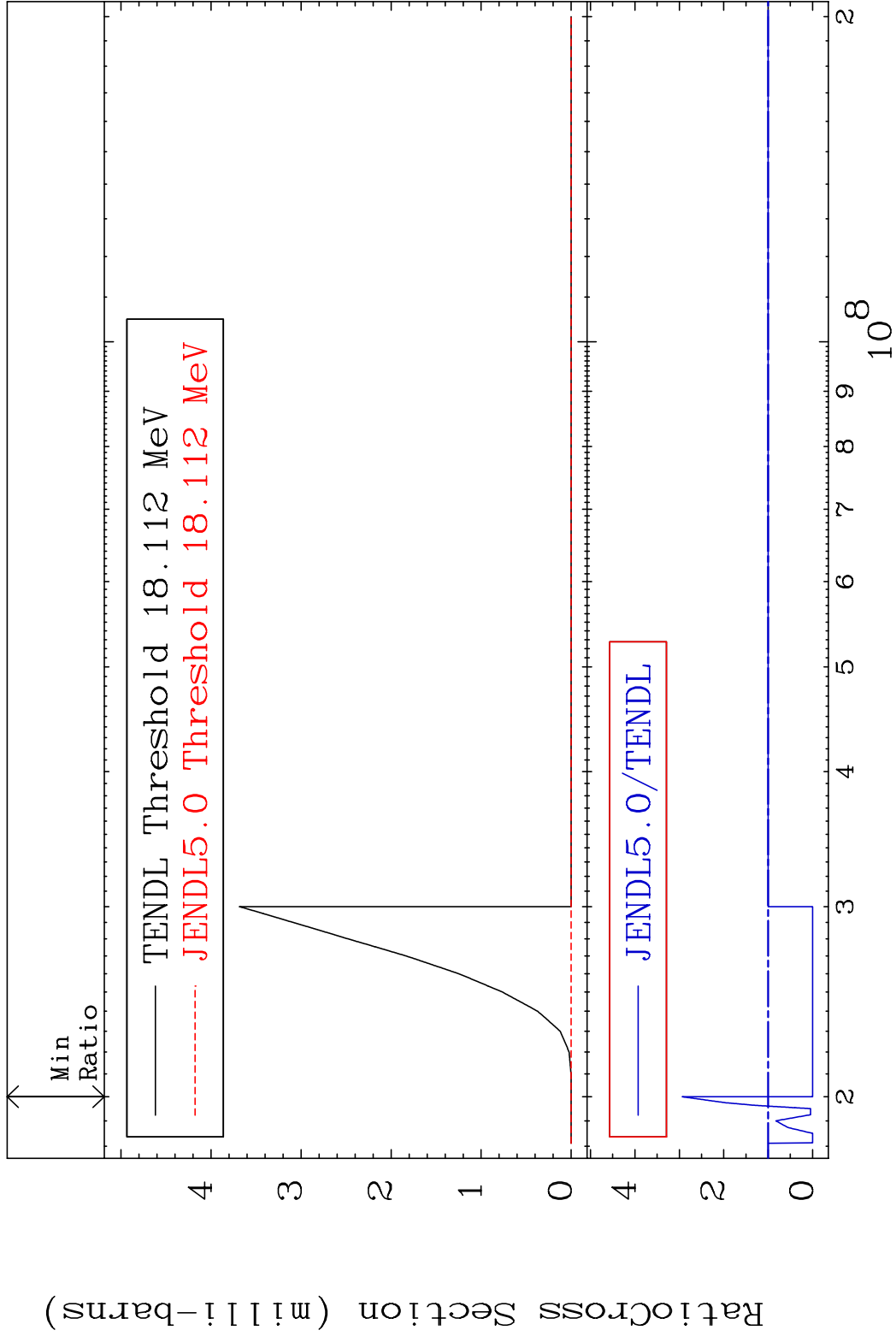
Incident Energy (eV)

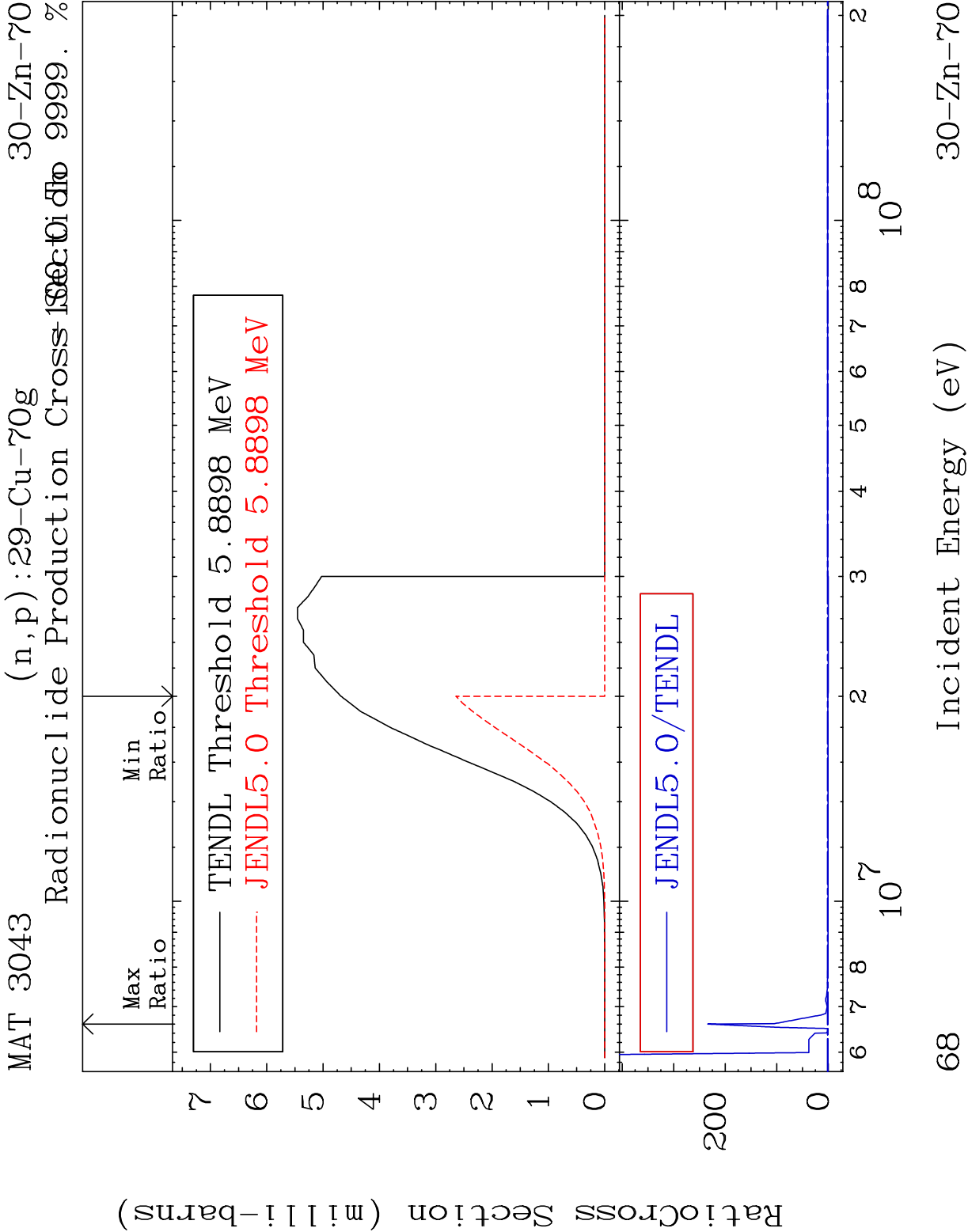
30-Zn-70

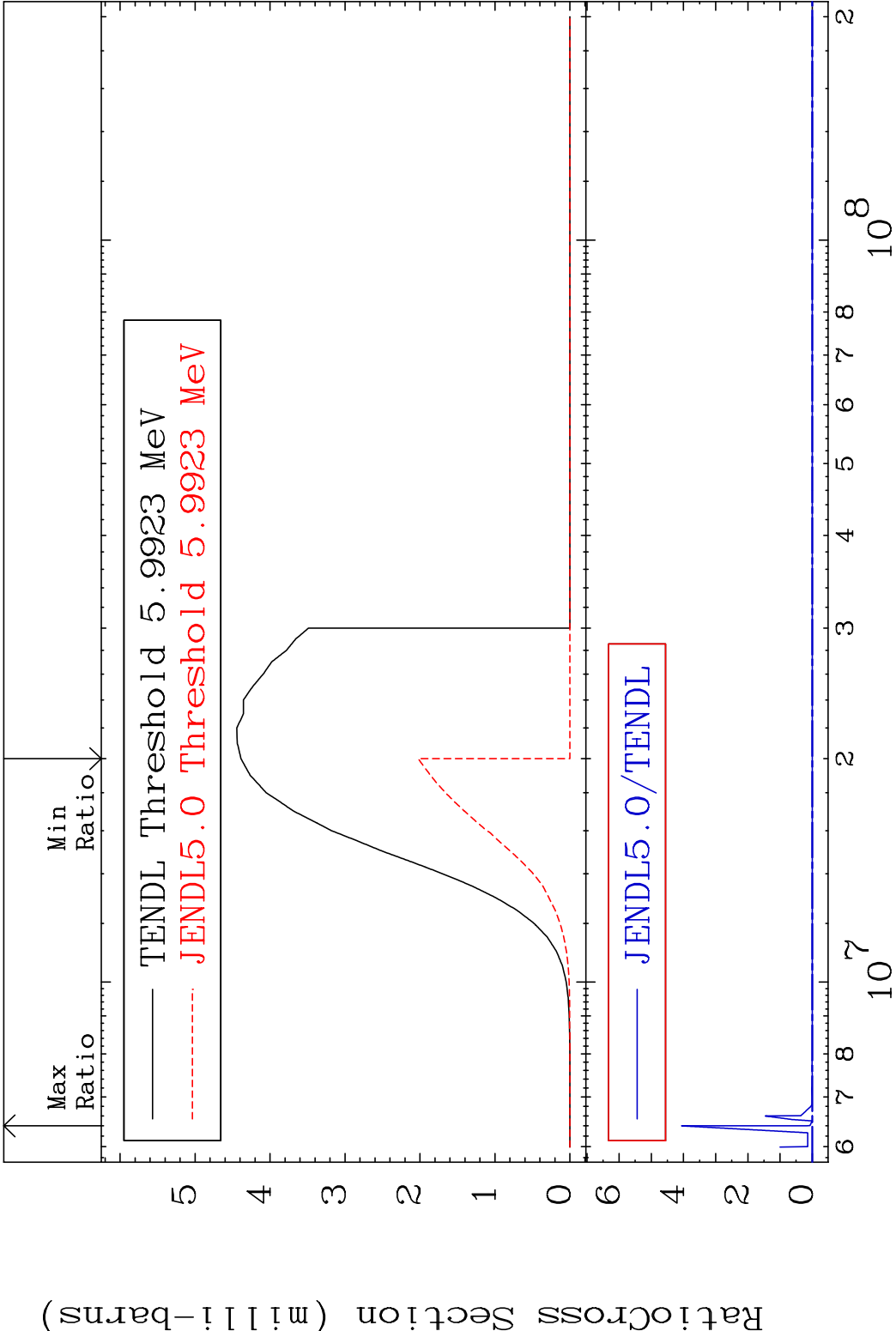


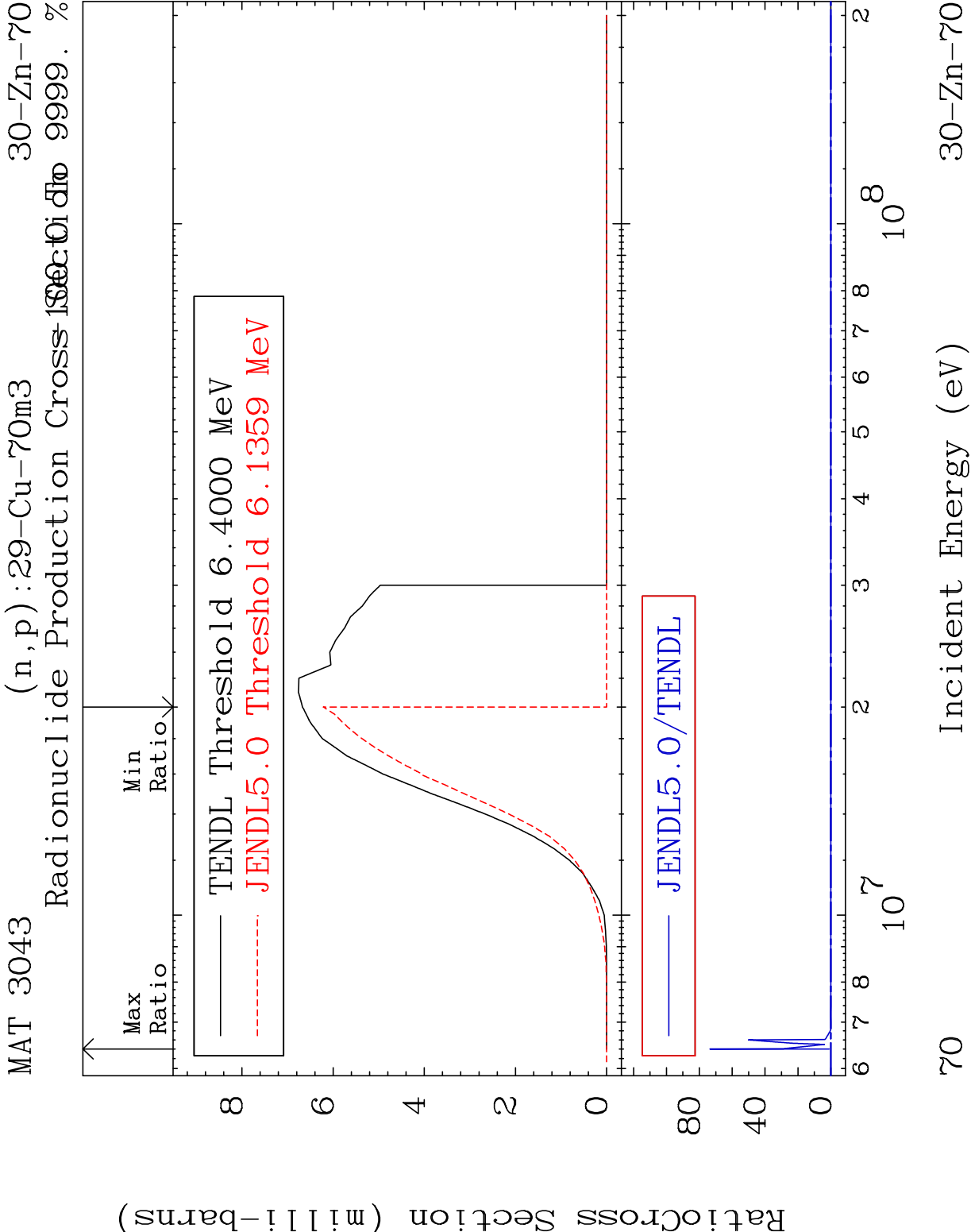


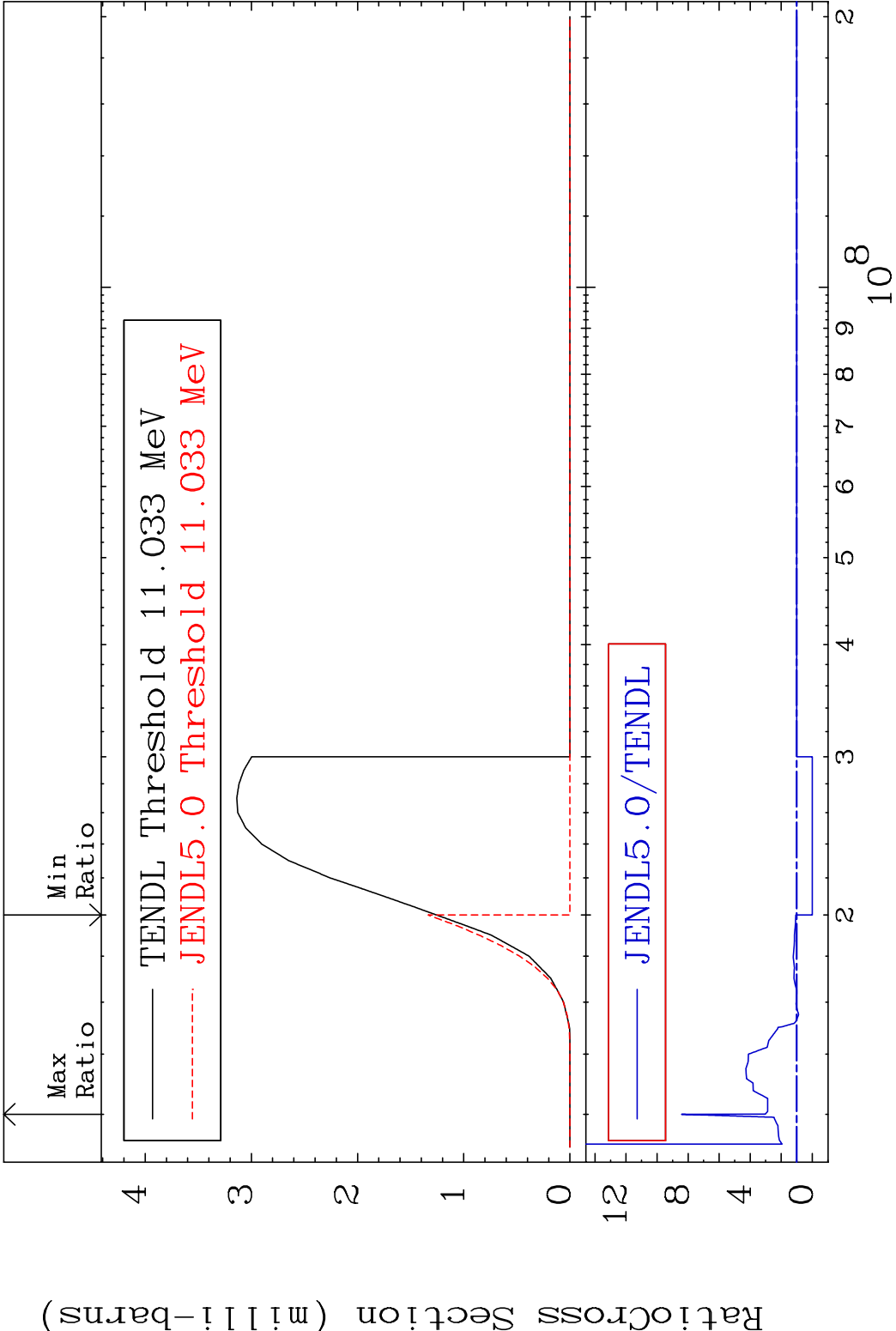


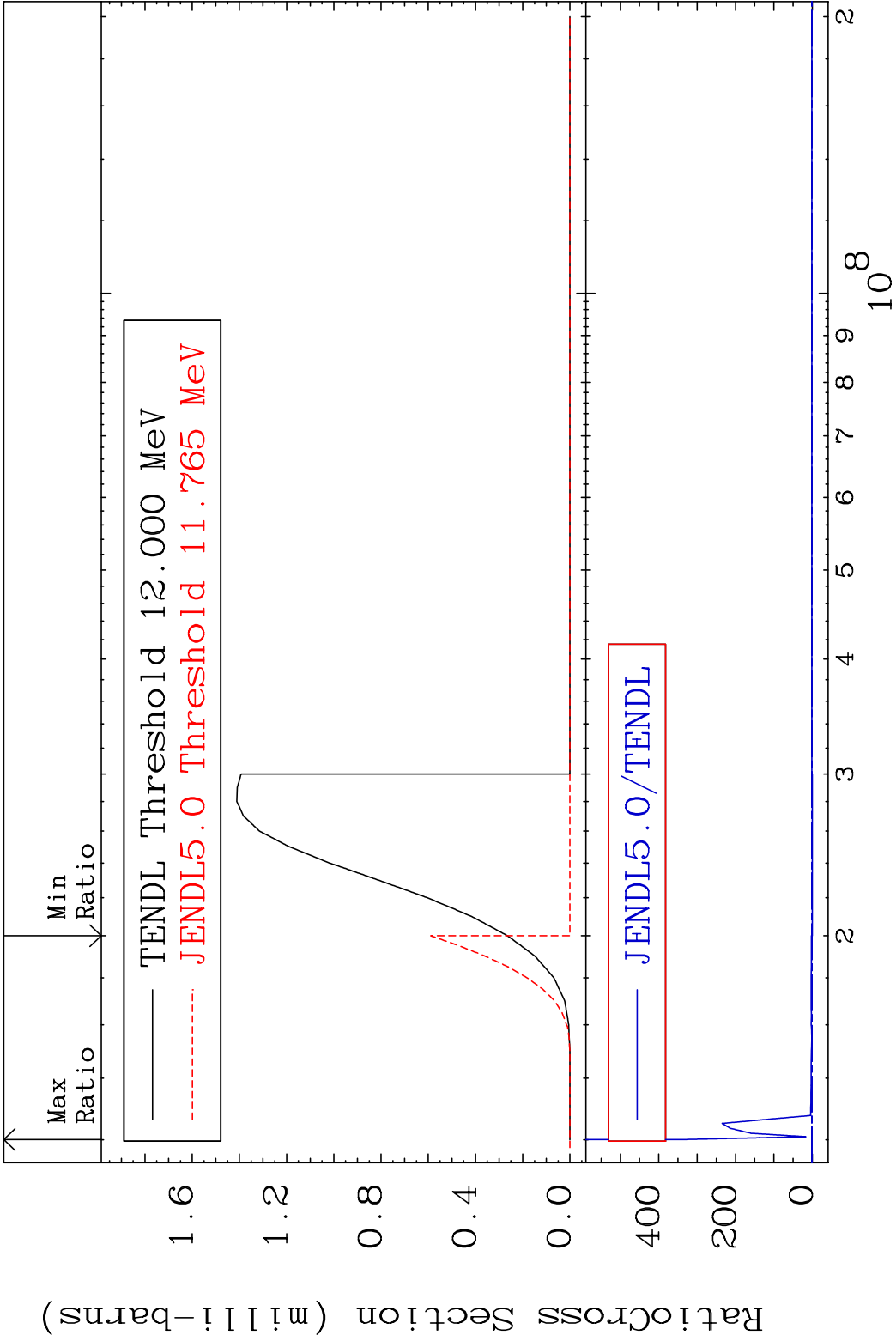


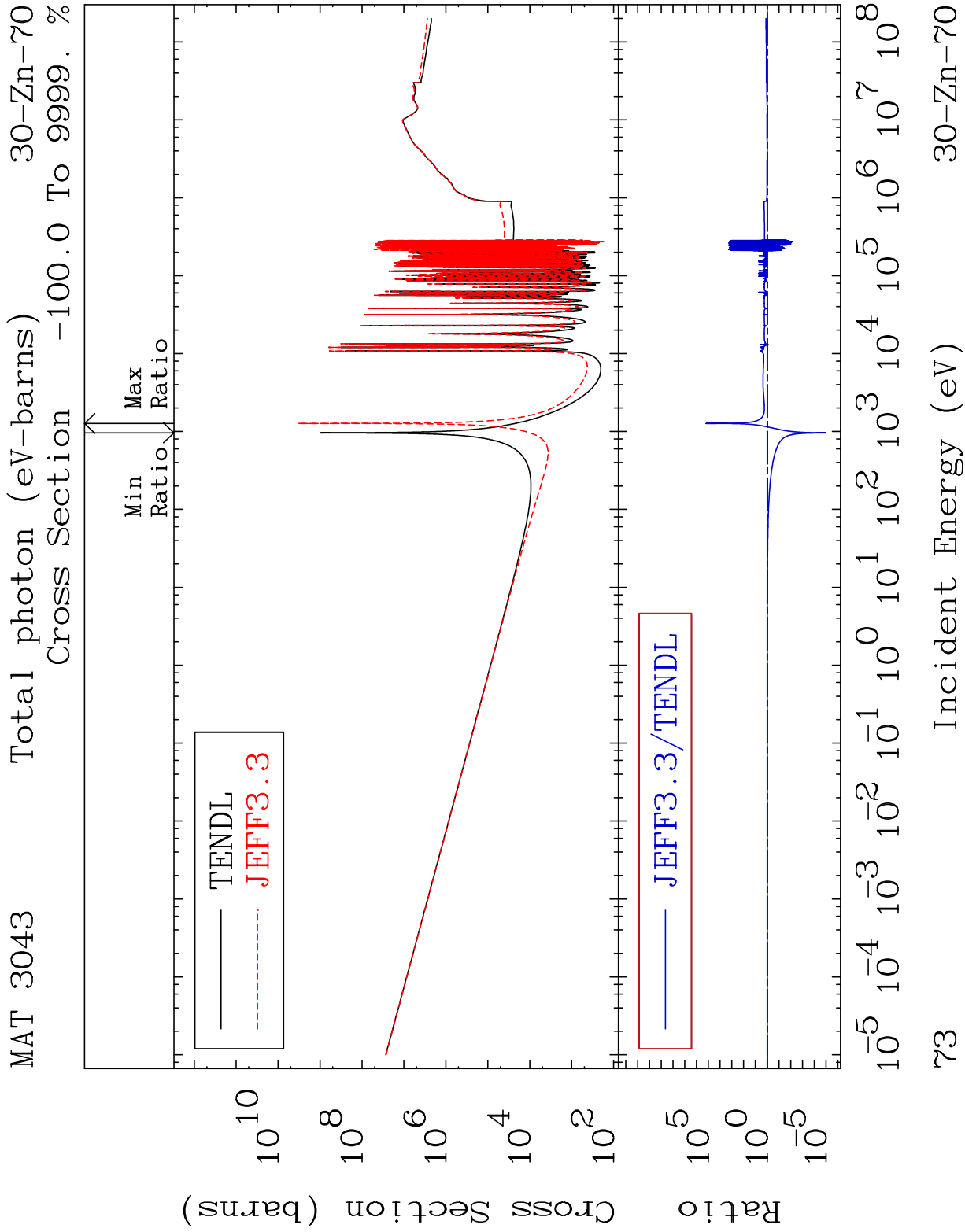




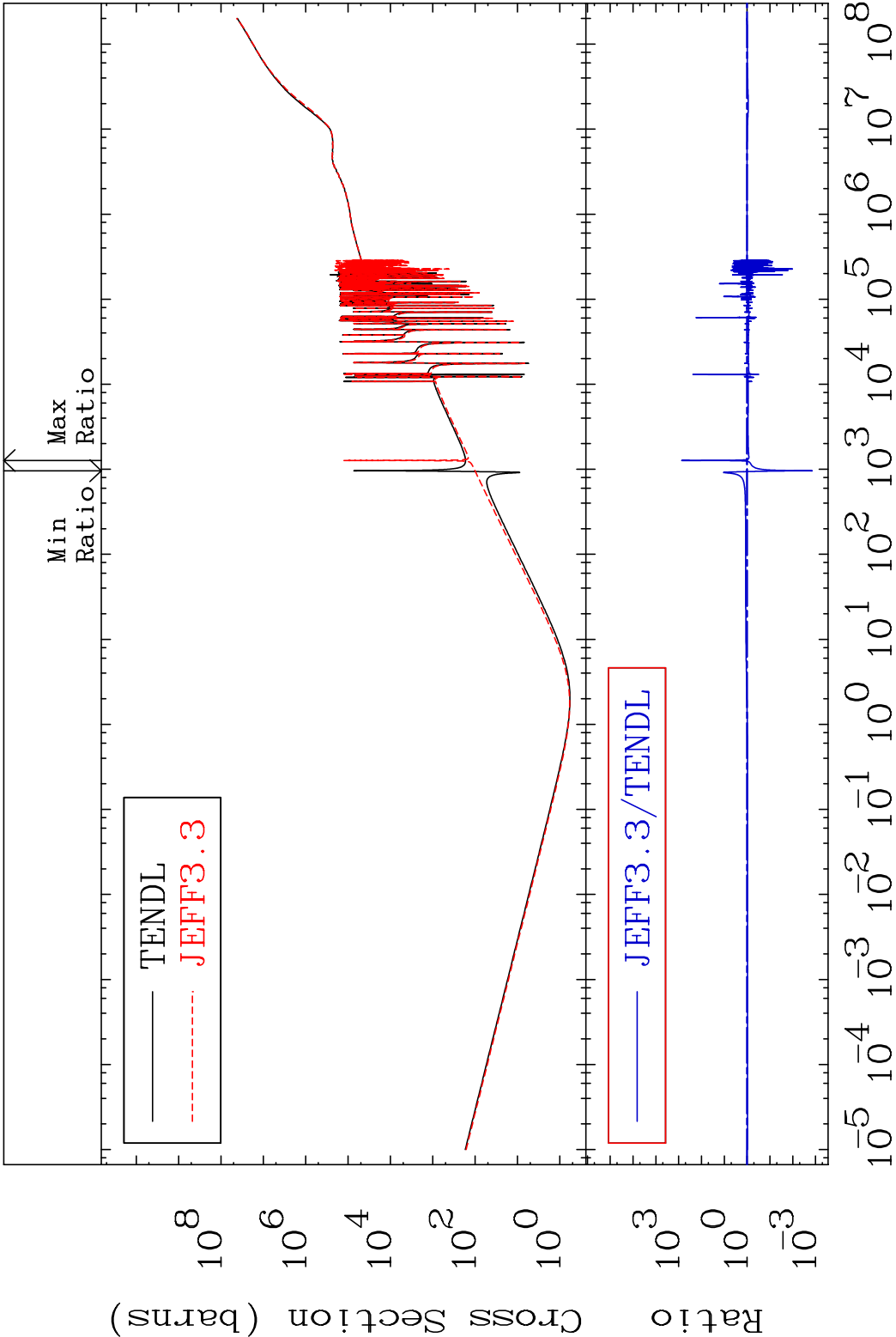








MAT 3043 Total kinematic kerma (high limit) 30-Zn-70
Cross Section -99.86 To 9999. %

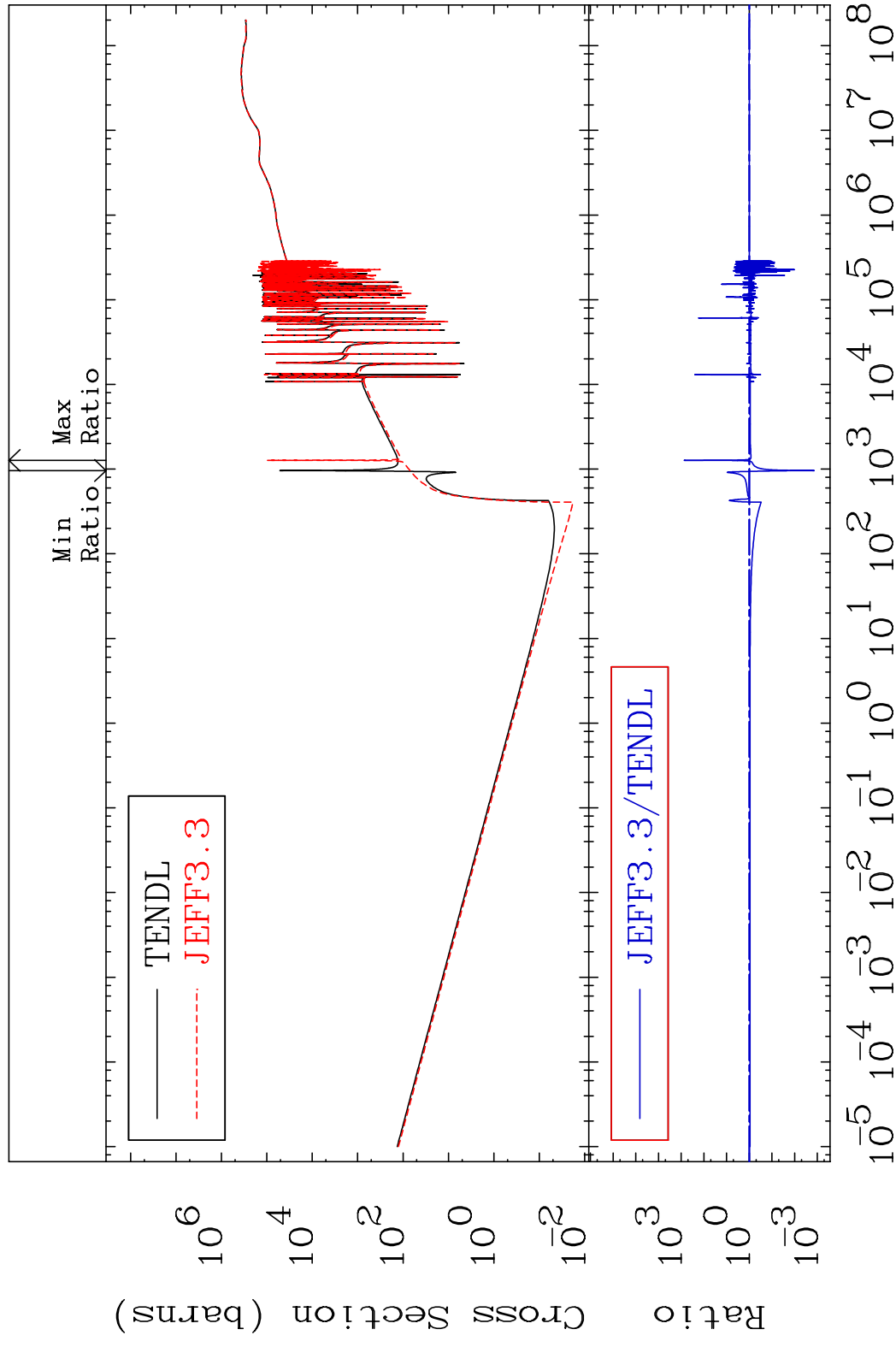


MAT 3043

Dpa total (eV-barns)

30-Zn-70

Cross Section -99.86 To 9999. %

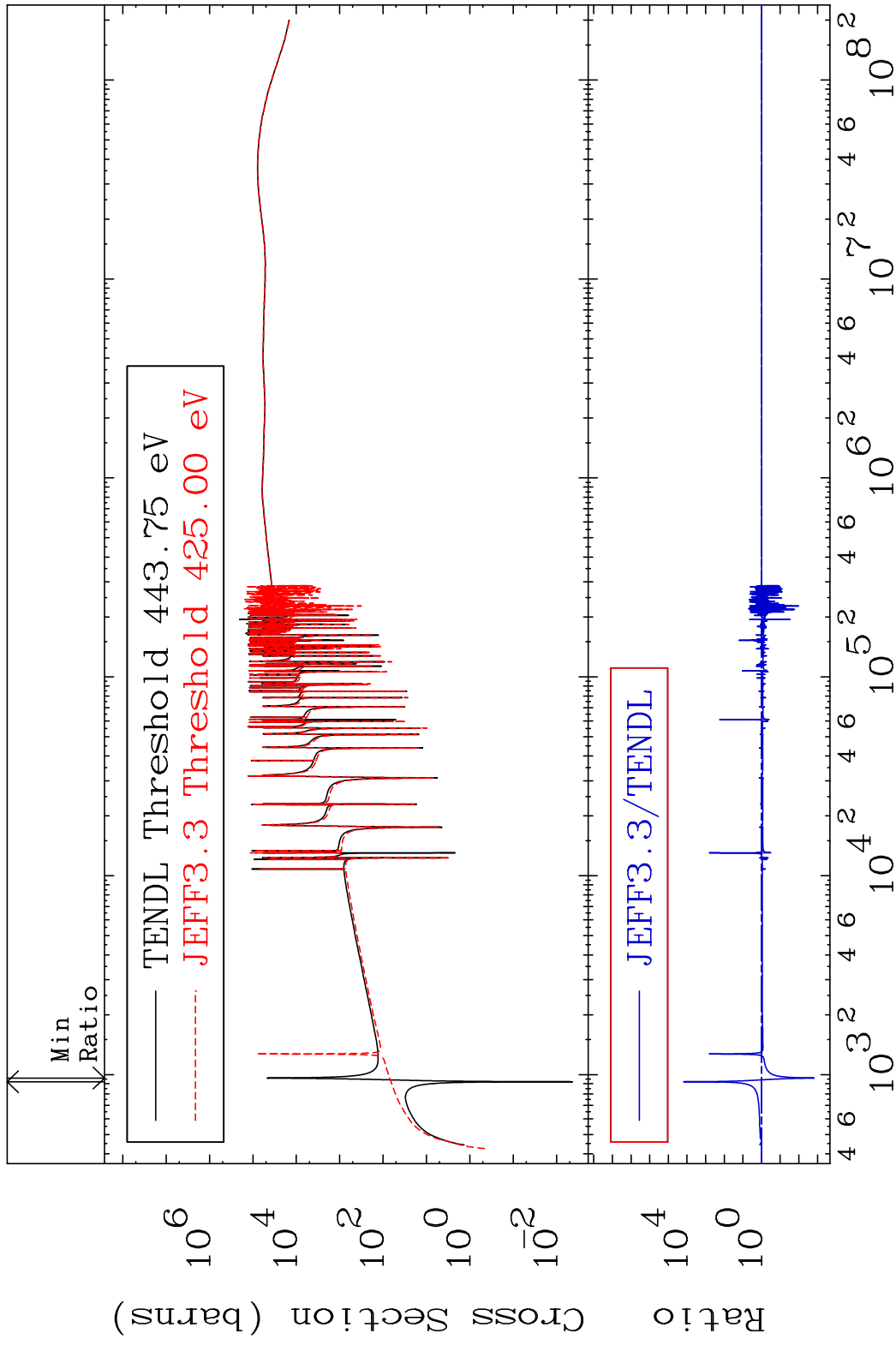


52

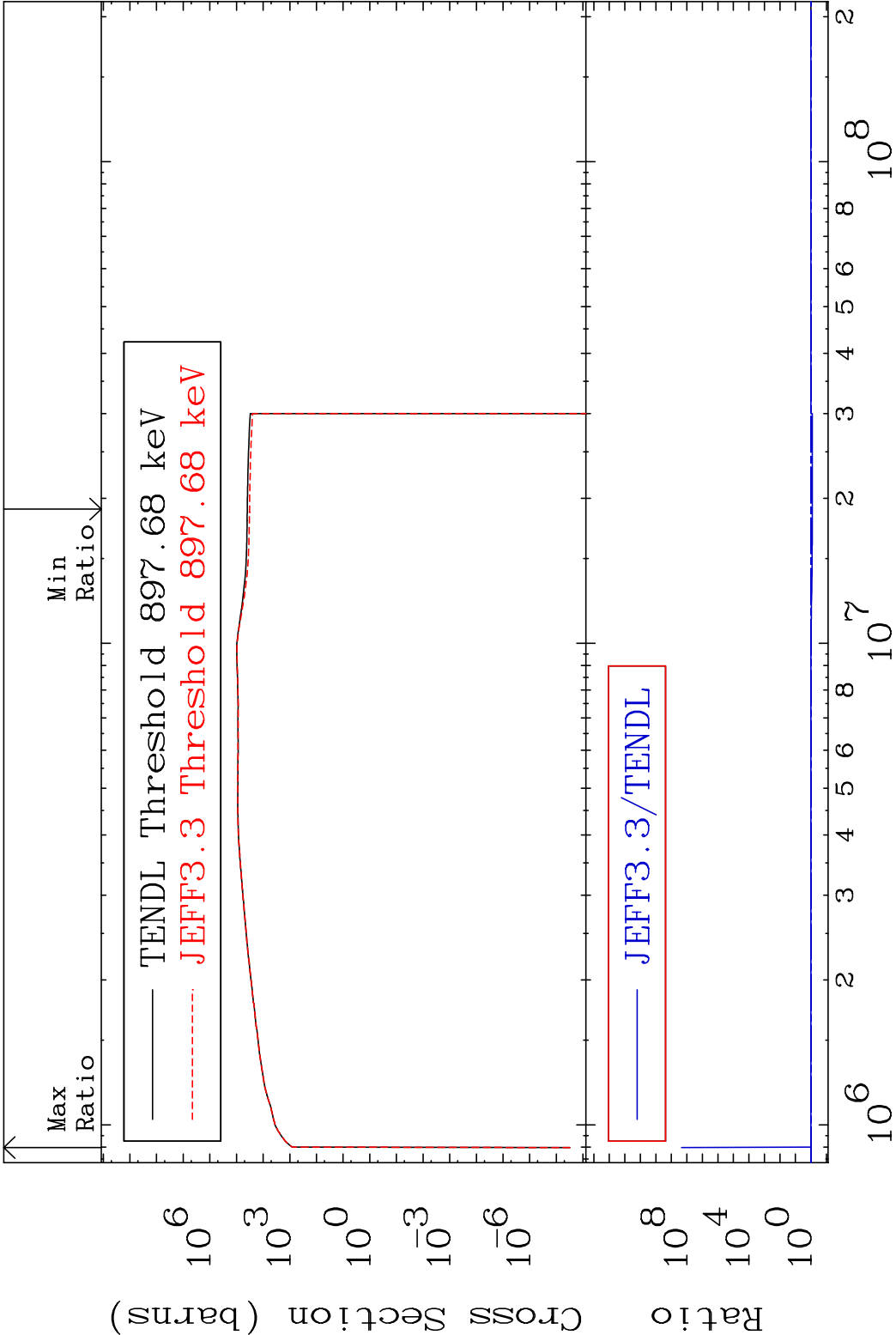
Incident Energy (eV)

30-Zn-70

MAT 3043 Dpa elastic (mt2) 30-Zn-70
 Cross Section -99.85 To 9999. %

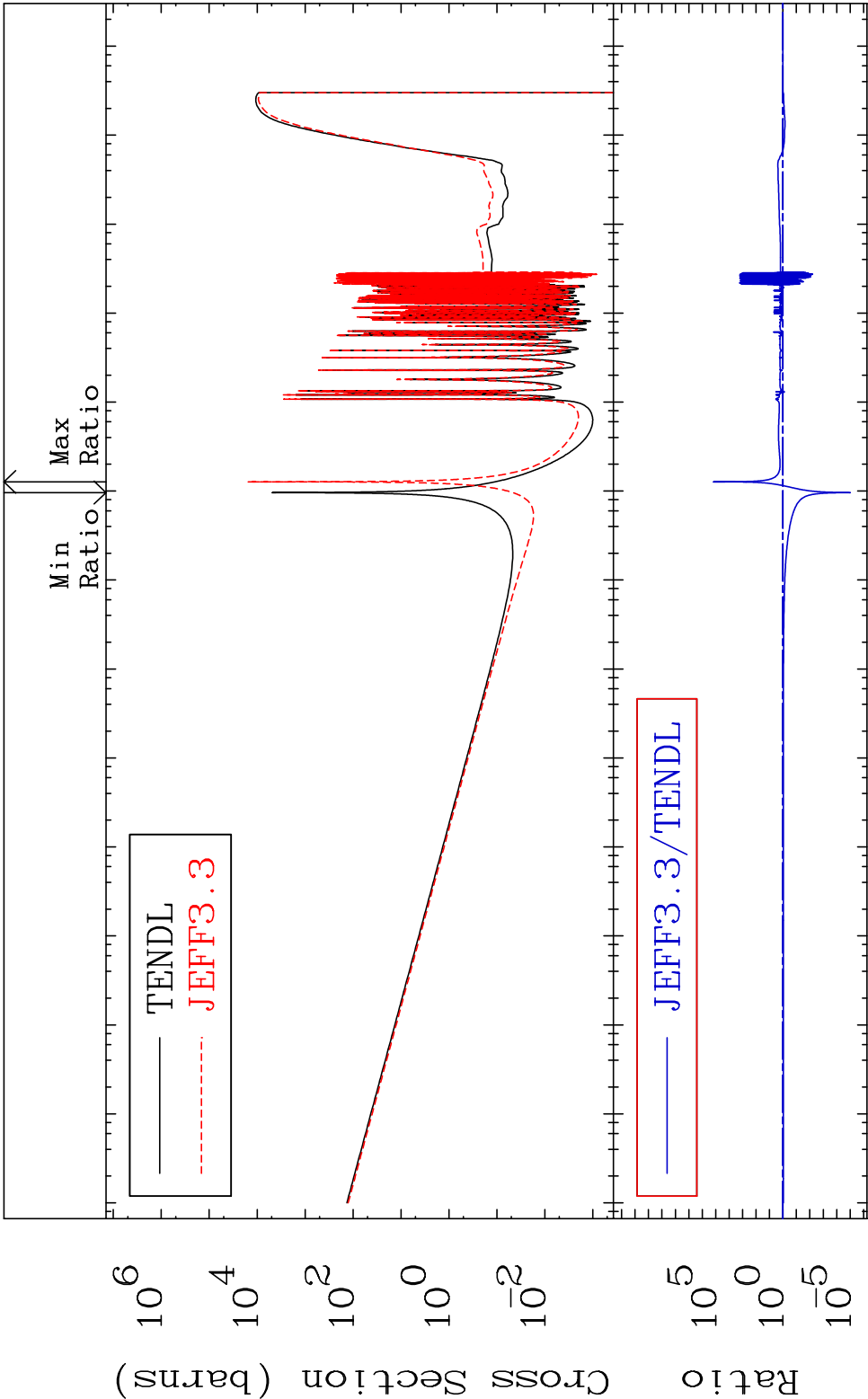


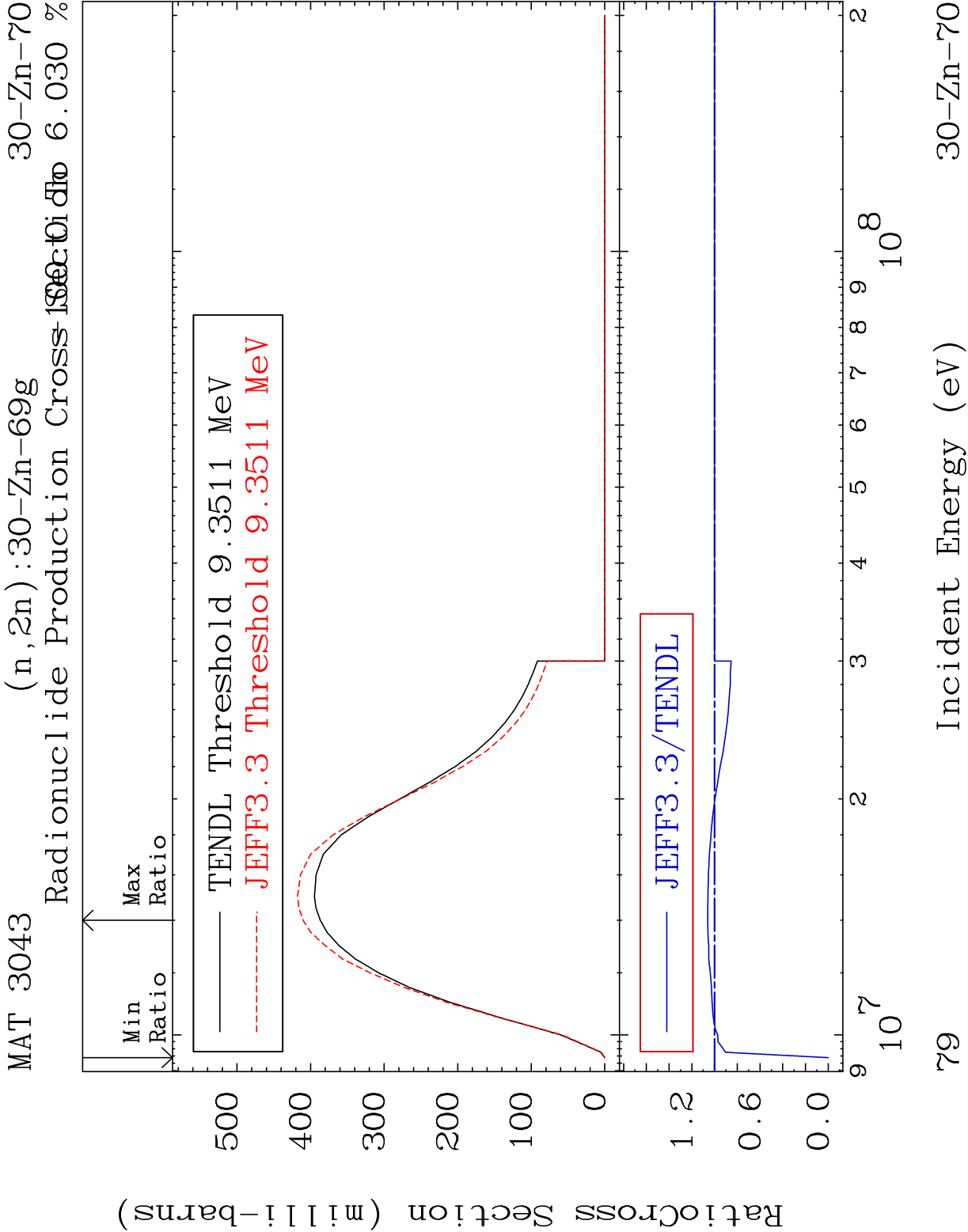
MAT 3043 Dpa inelastic (mt51-91) 30-Zn-70
Cross Section -17.67 To 9999. %



77

MAT 3043 Dpa disappearance (mt102 -120) 30-Zn-70
Cross Section -100.0 To 9999. %





MAT 3043

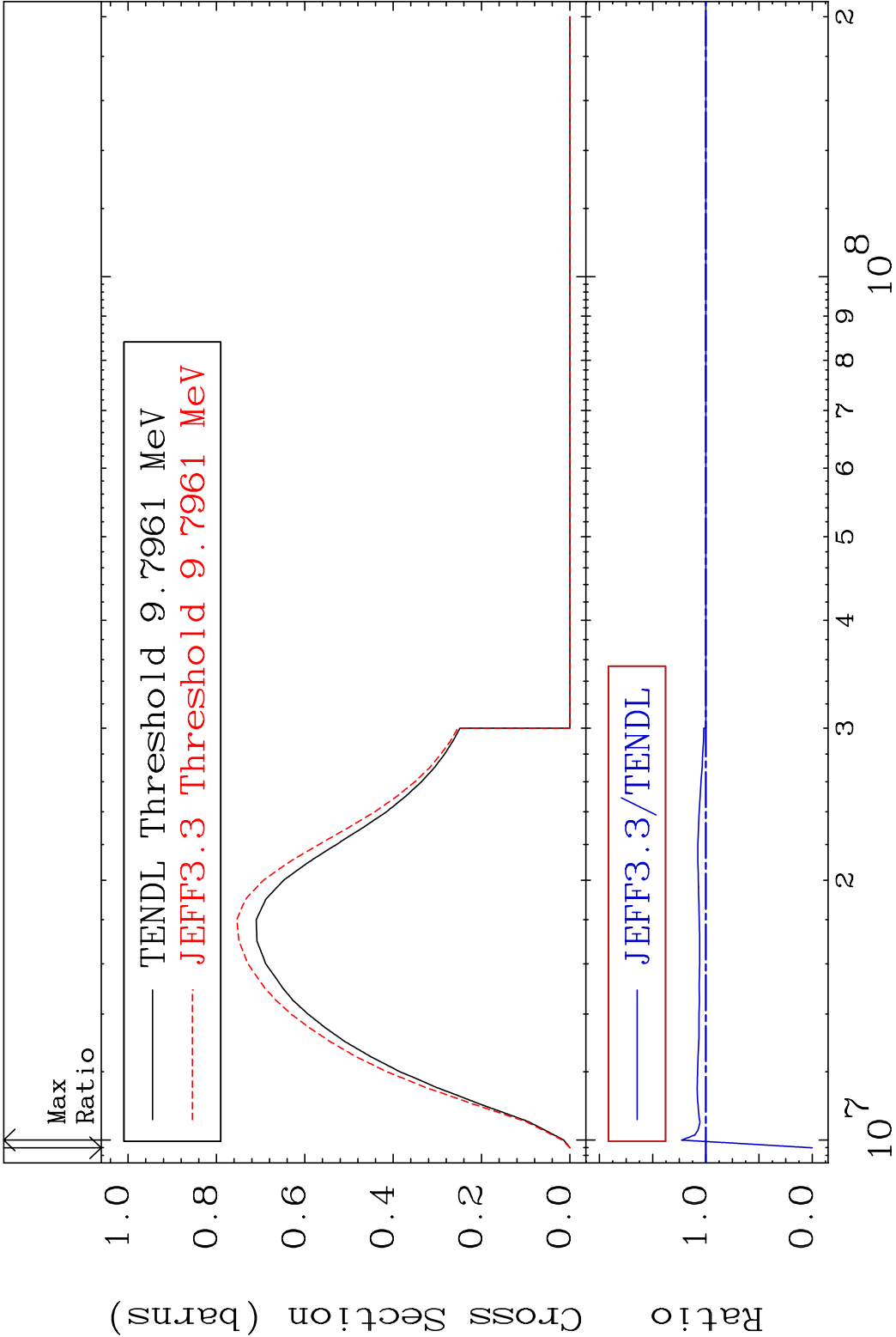
(n,2n):30-Zn-69m1

30-Zn-70

Radionuclide Production Cross Section (barns)

180.01 dpo

22.86 %



Incident Energy (eV)

30-Zn-70

