

Program Complot
(Version 2021-1)

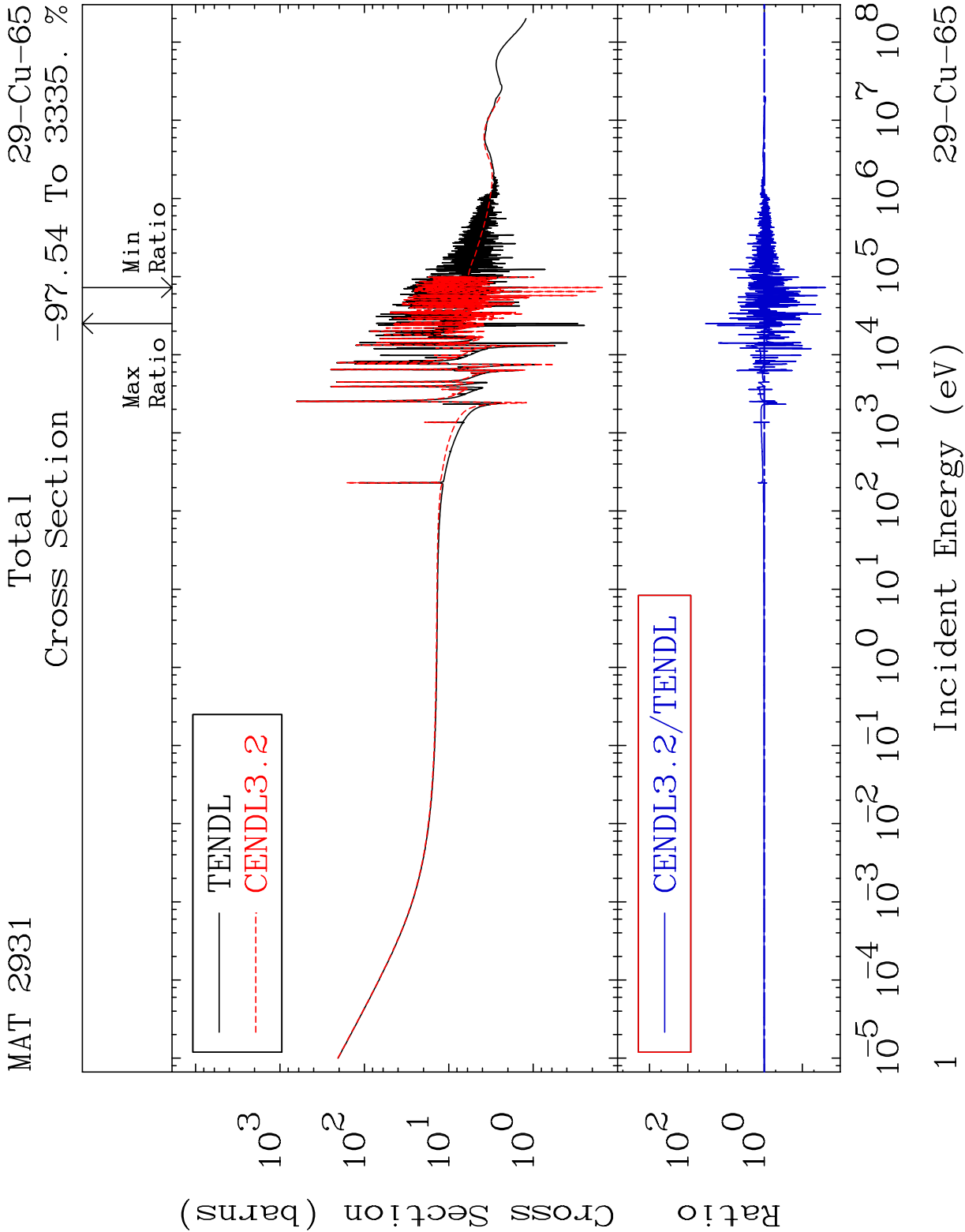
by

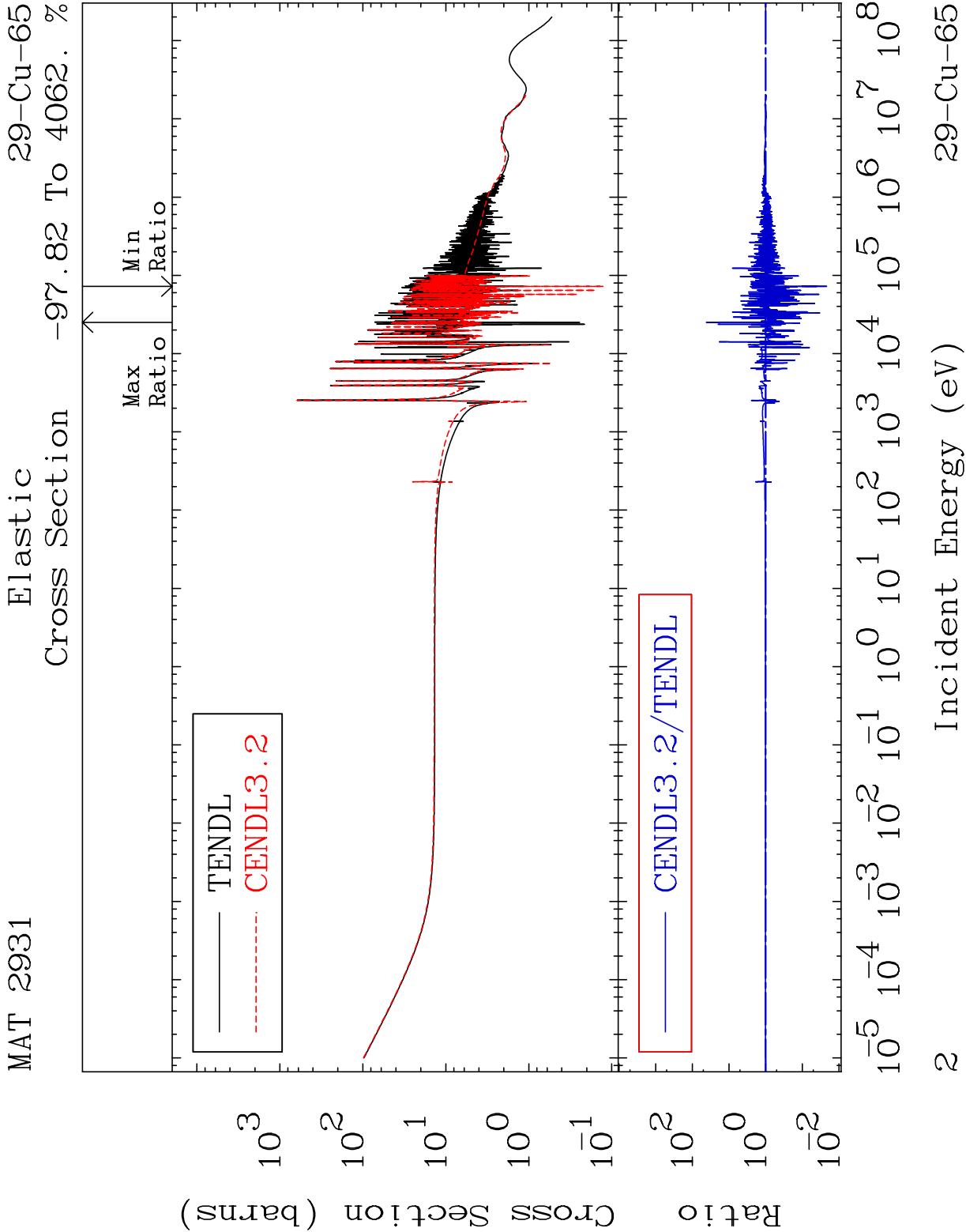
Dermott E. Cullen
(Present Contact Information)

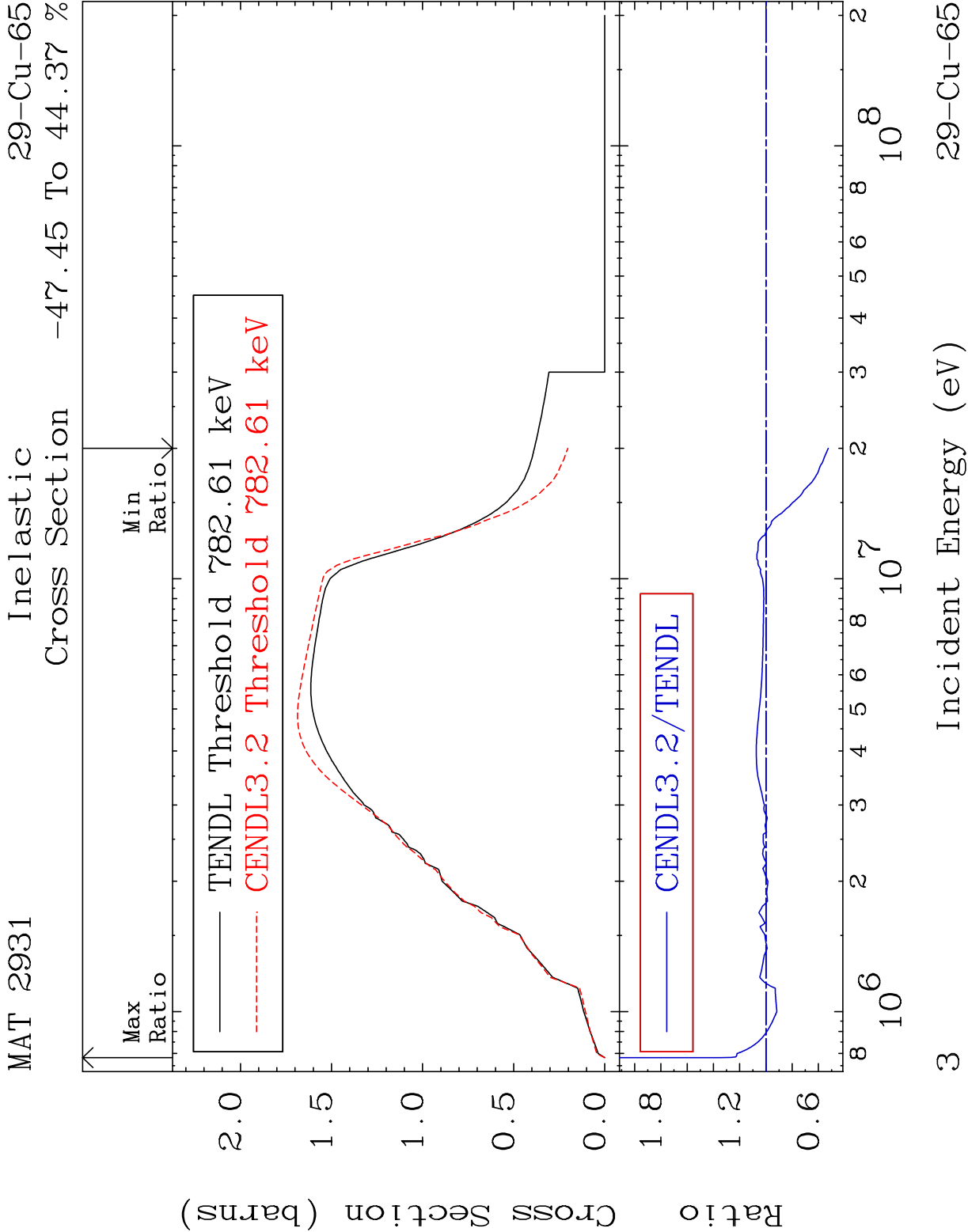
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

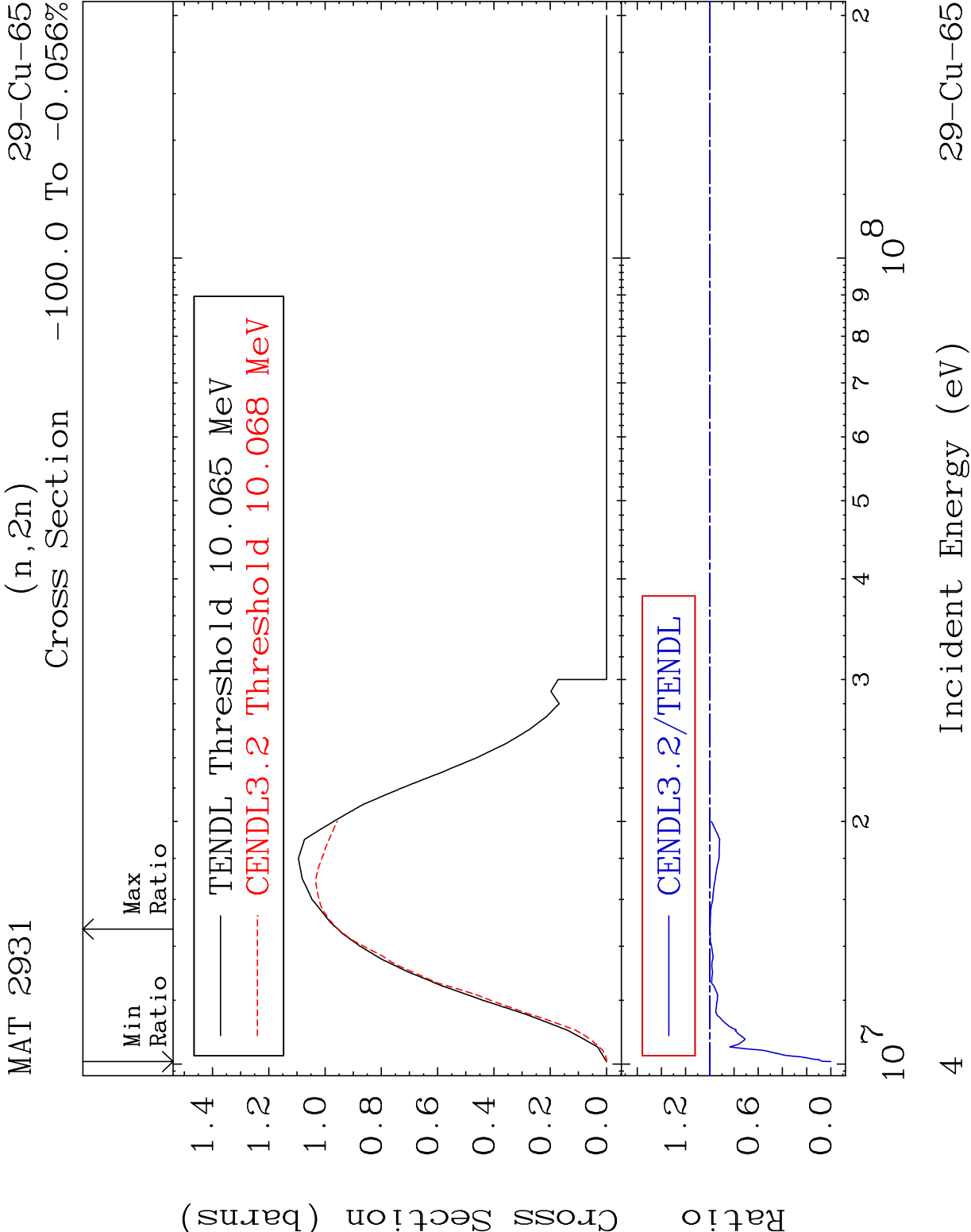
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

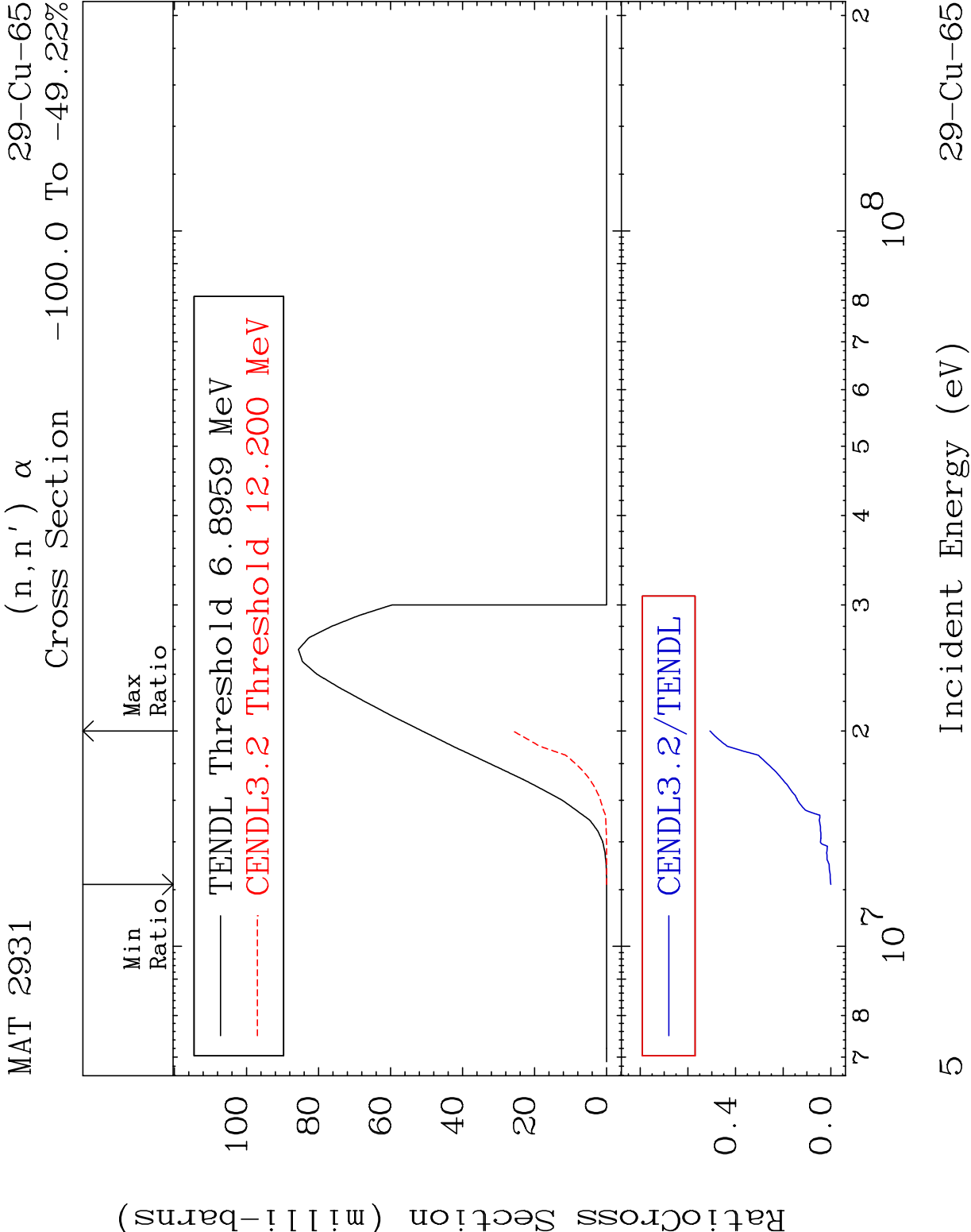
Press Mouse Button to Start









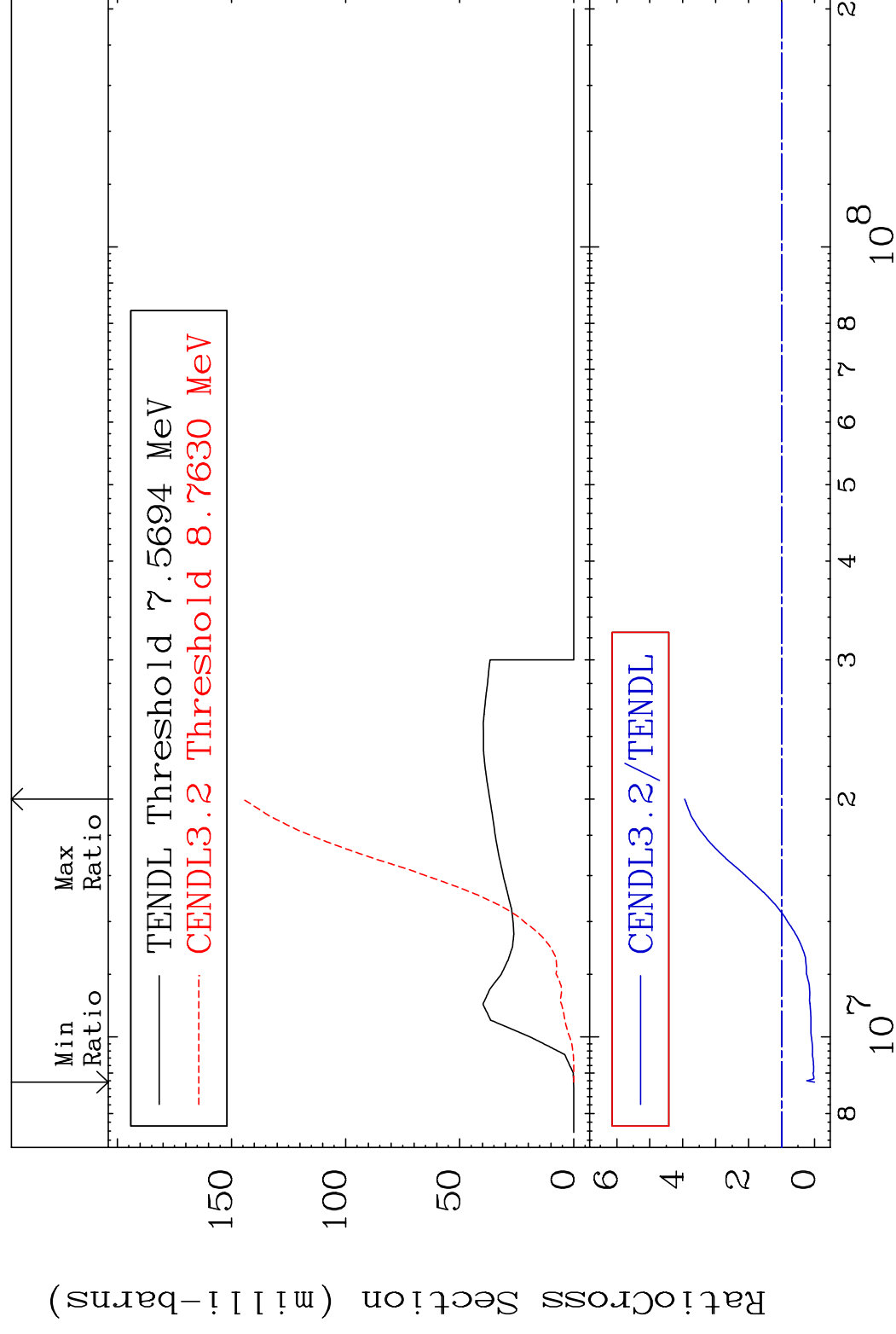


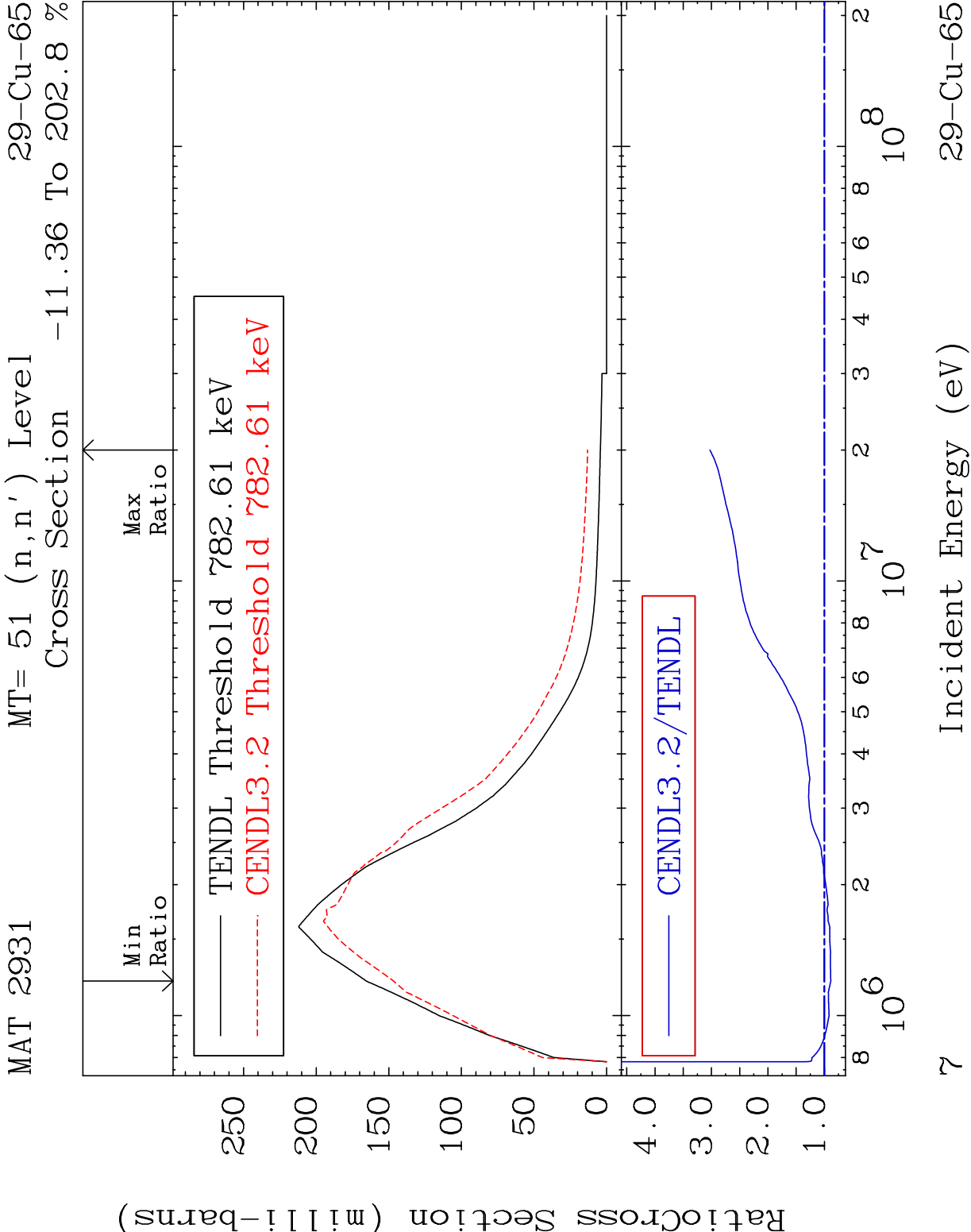
MAT 2931

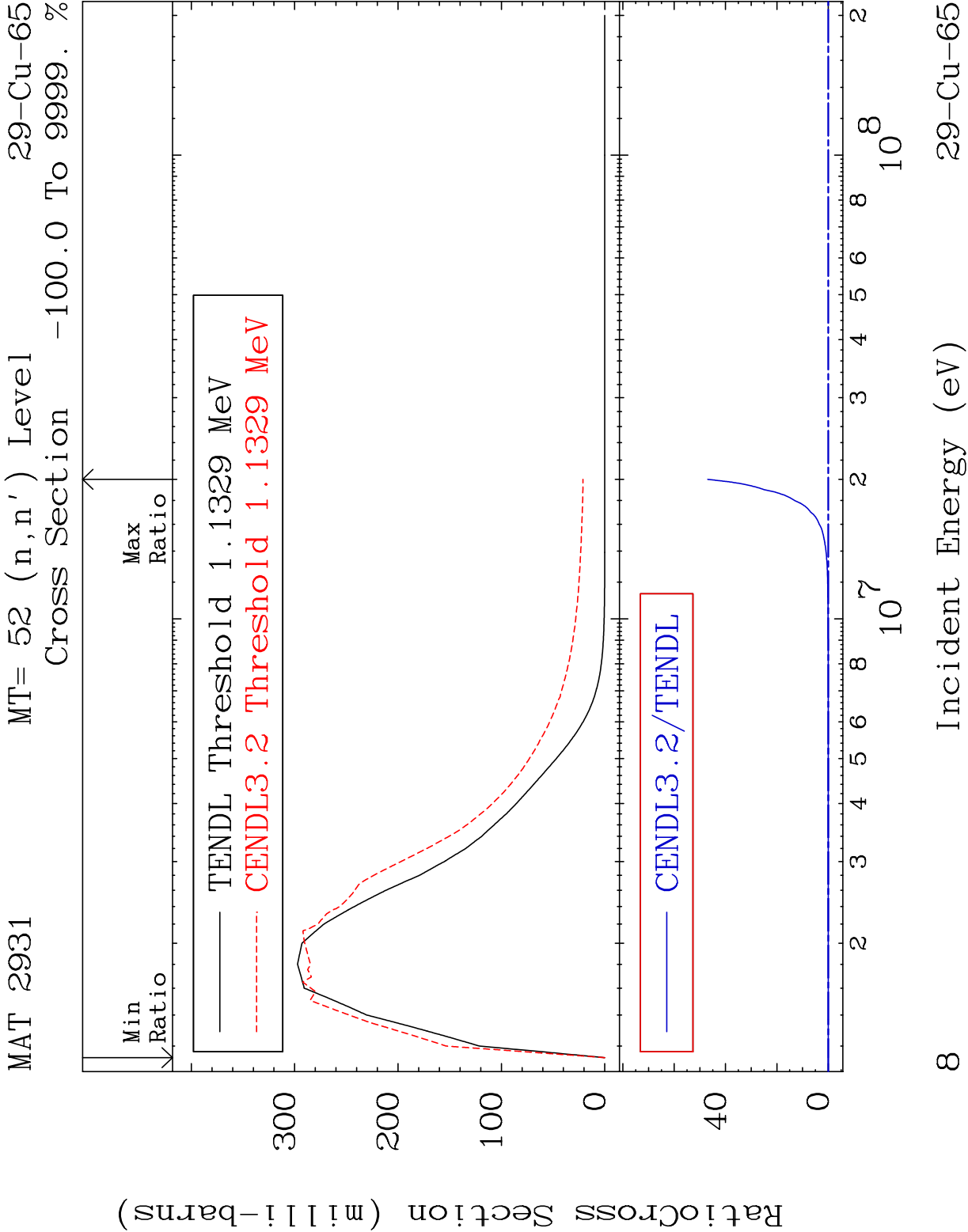
$$(n, n')$$

29-Cu-65

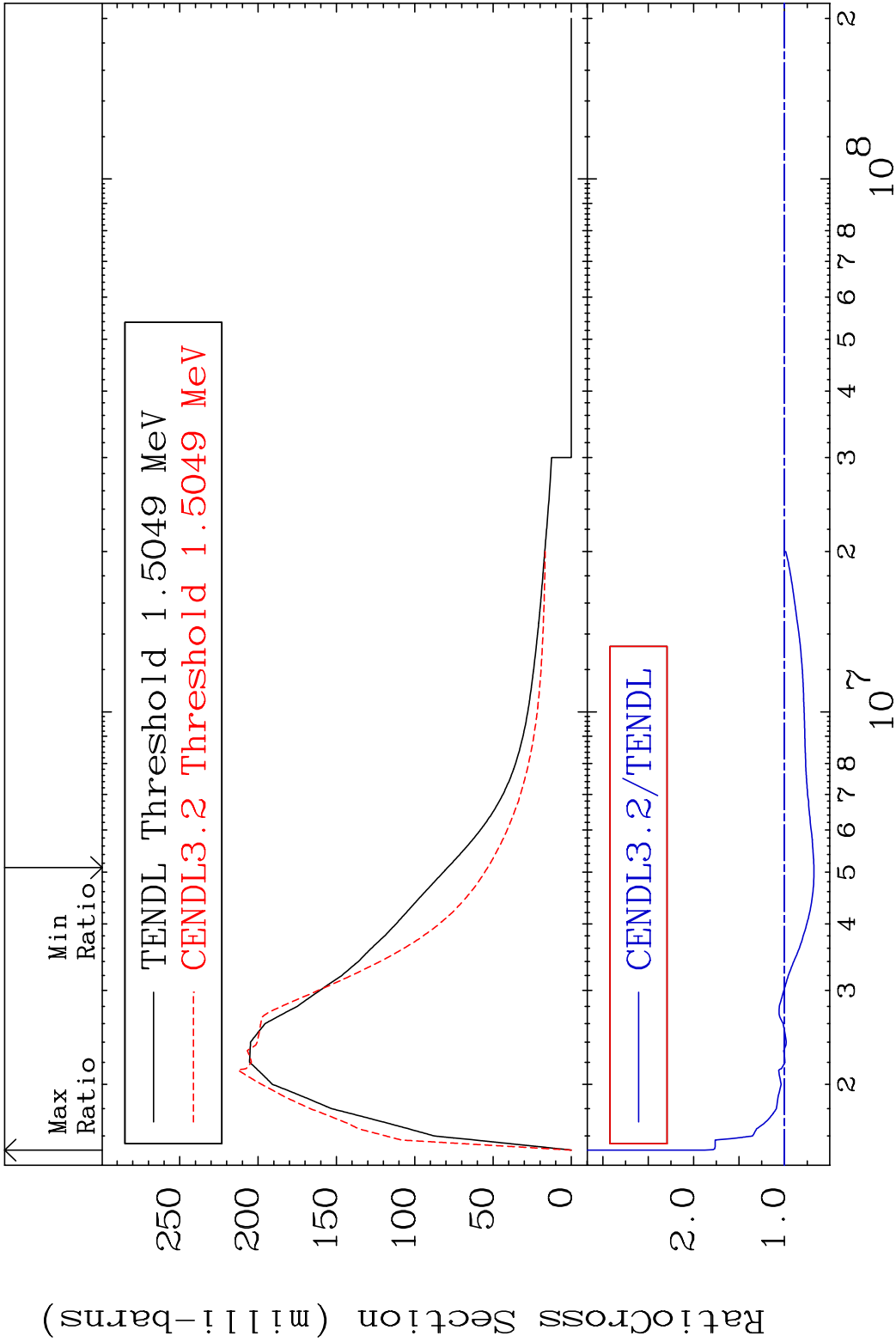
Cross Section

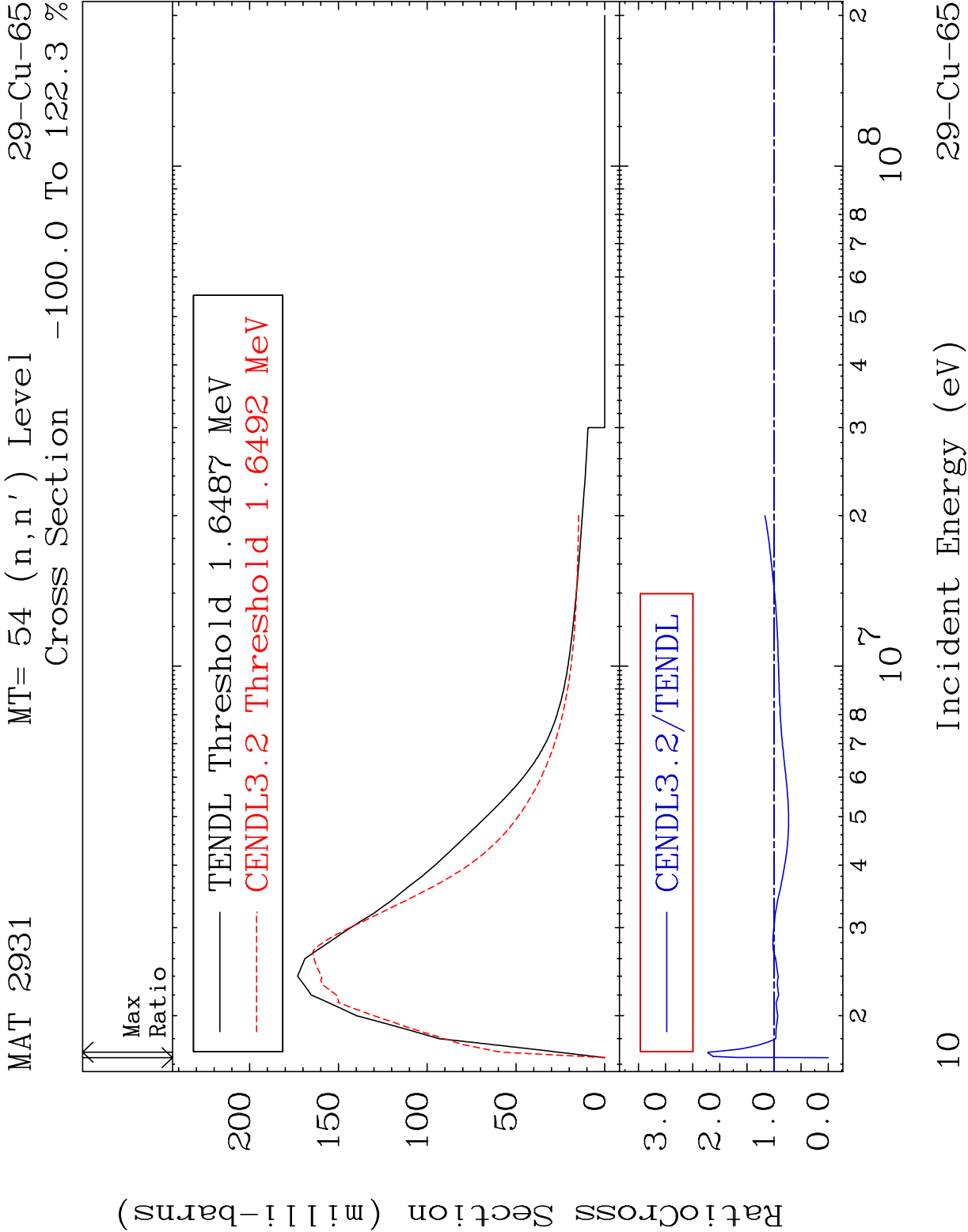






MAT 2931 MT= 53 (n,n') Level 29-Cu-65
 Cross Section -32.39 To 111.6 %





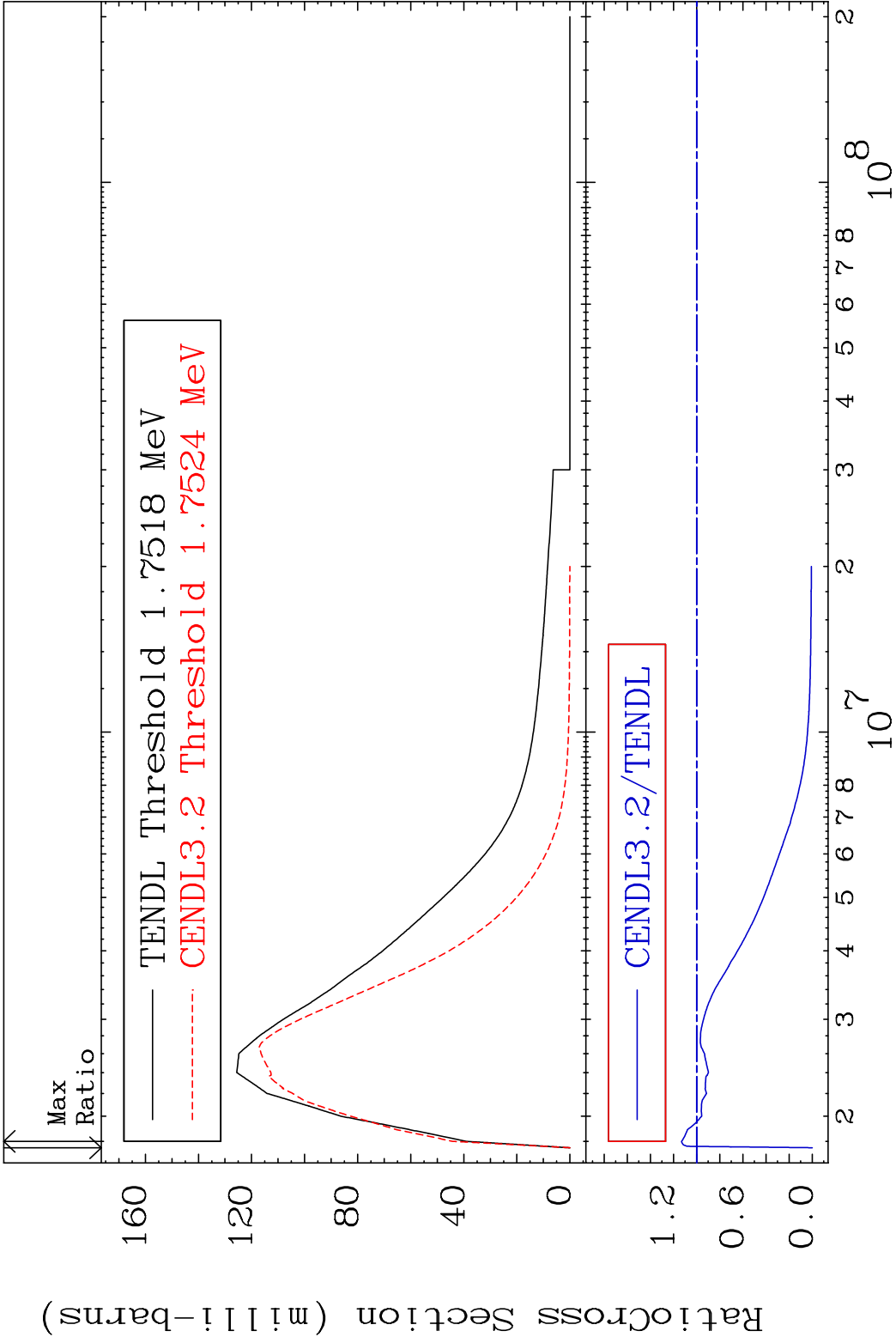
MAT 2931

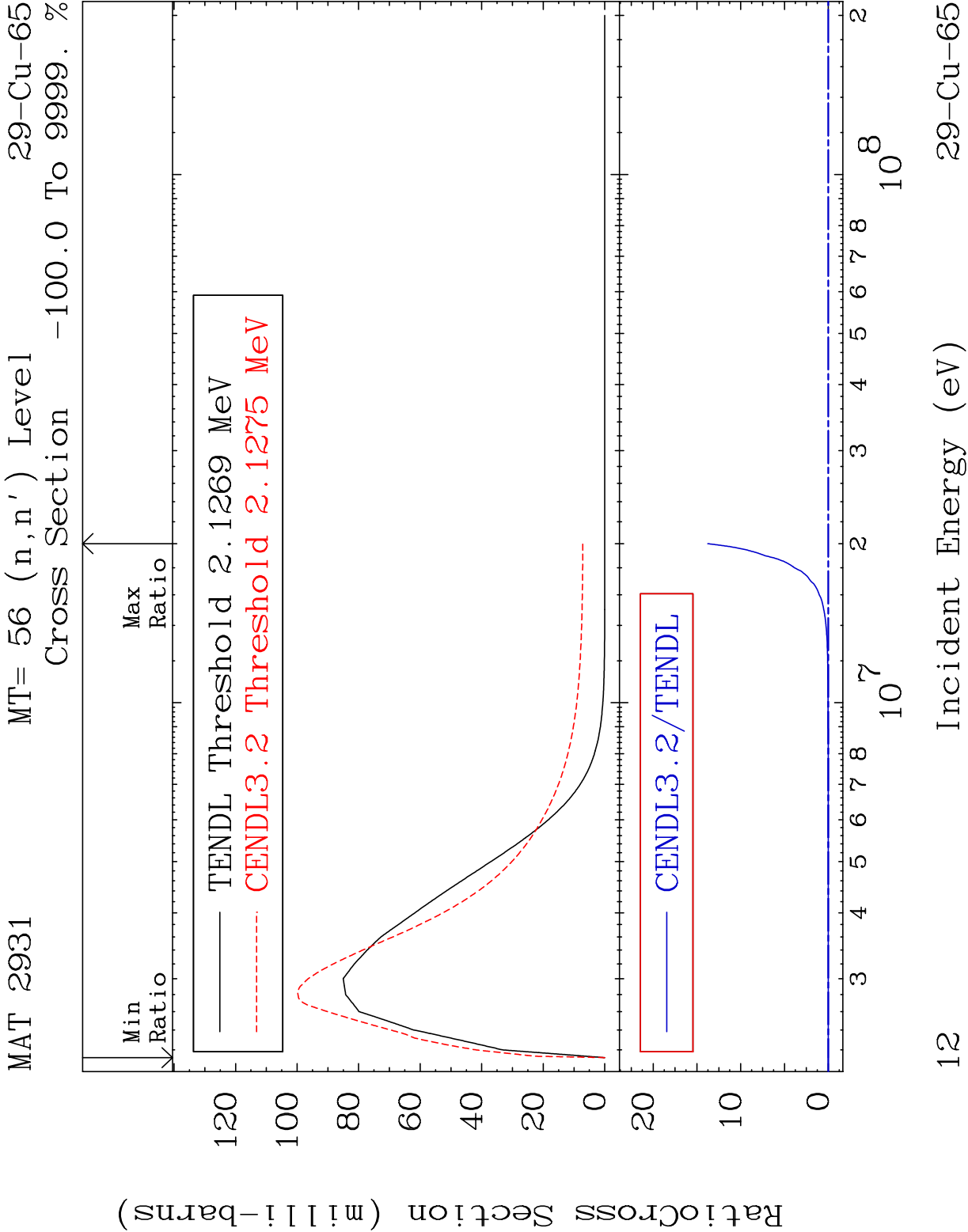
MT= 55 (n,n') Level

29-Cu-65

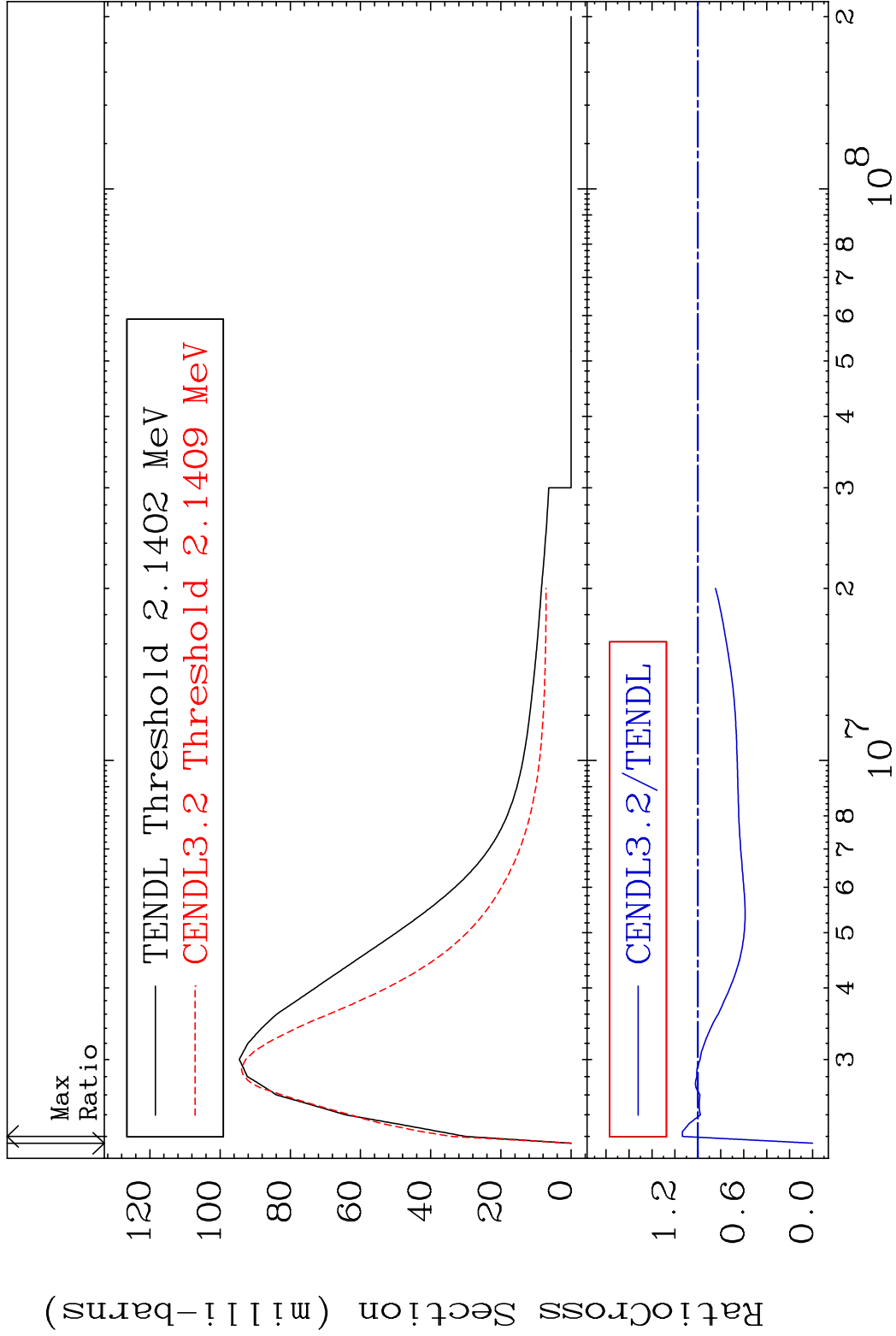
Cross Section

-100.0 To 13.07 %

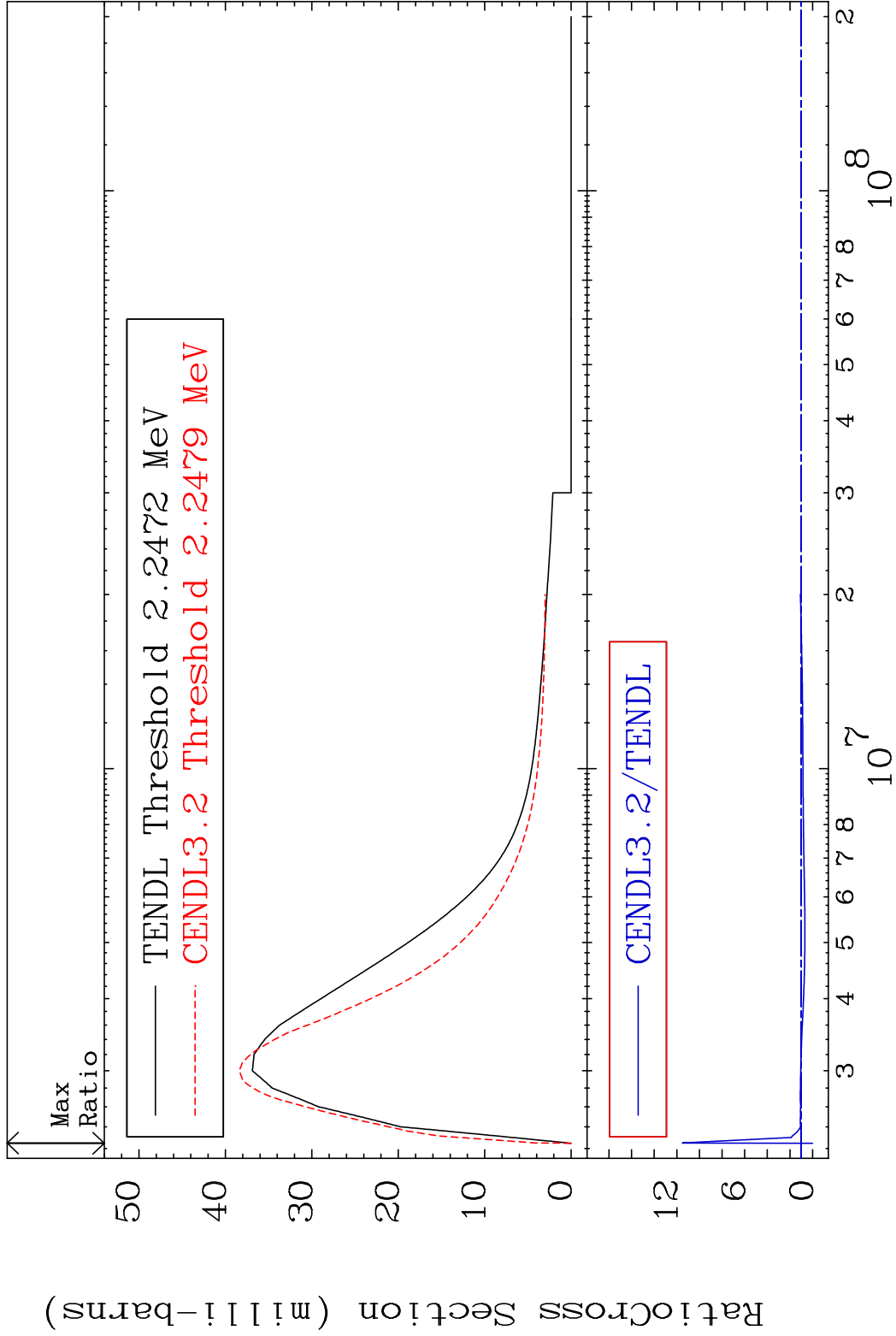




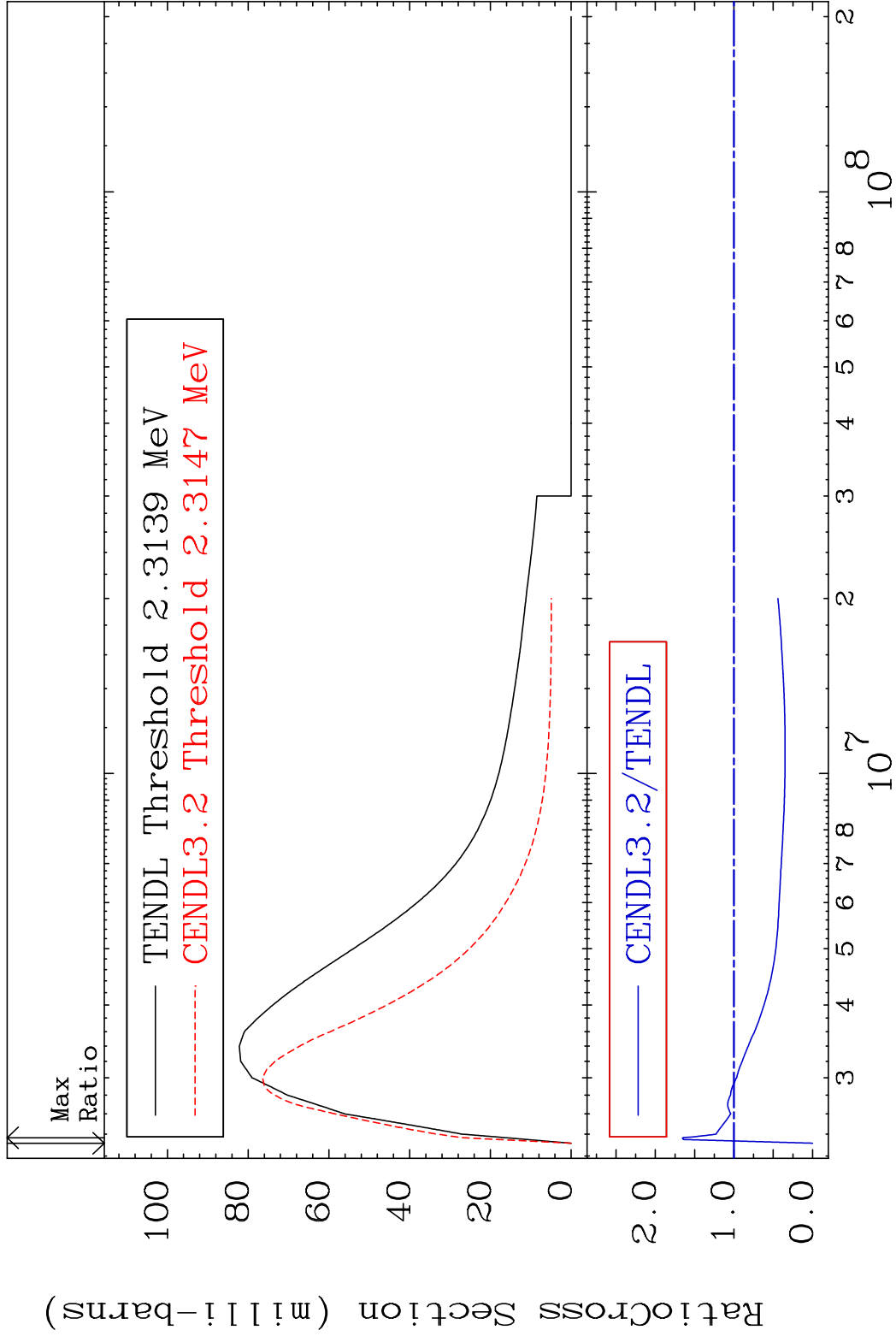
MAT 2931 MT= 57 (n,n') Level 29-Cu-65
Cross Section -100.0 To 13.51 %

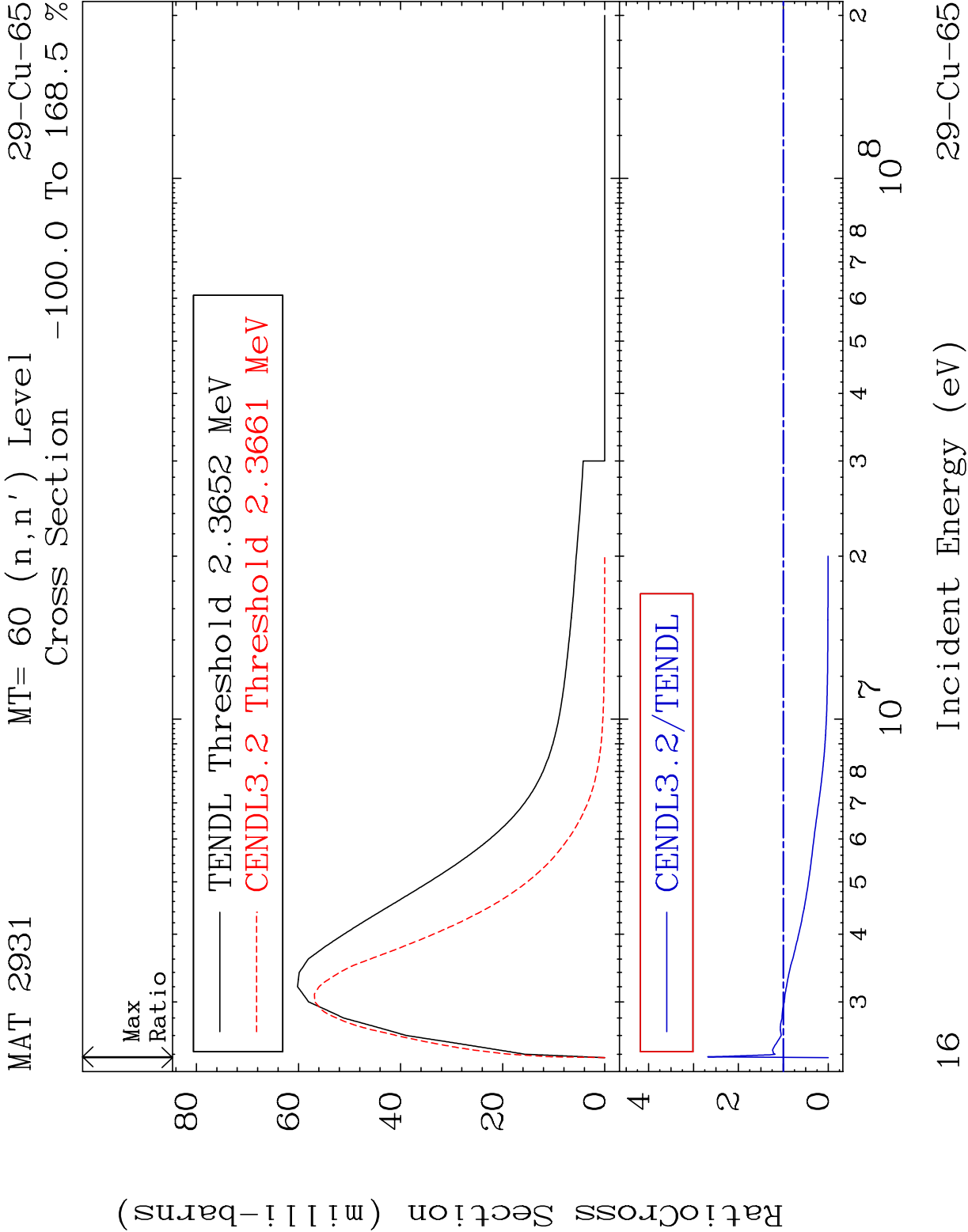


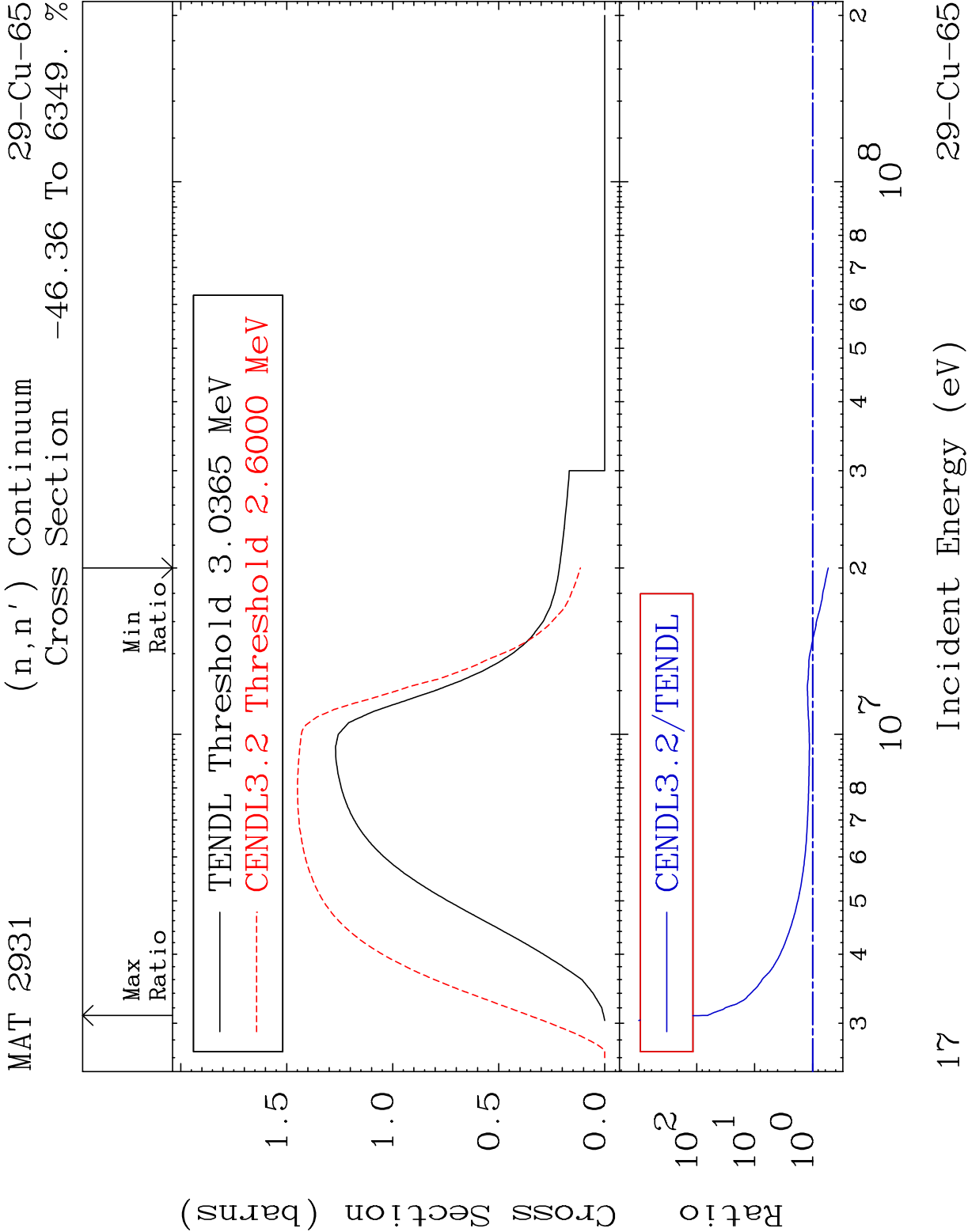
MAT 2931 MT= 58 (n,n') Level 29-Cu-65
Cross Section -100.0 To 1051. %



MAT 2931 MT= 59 (n,n') Level 29-Cu-65
Cross Section -100.0 To 65.66 %







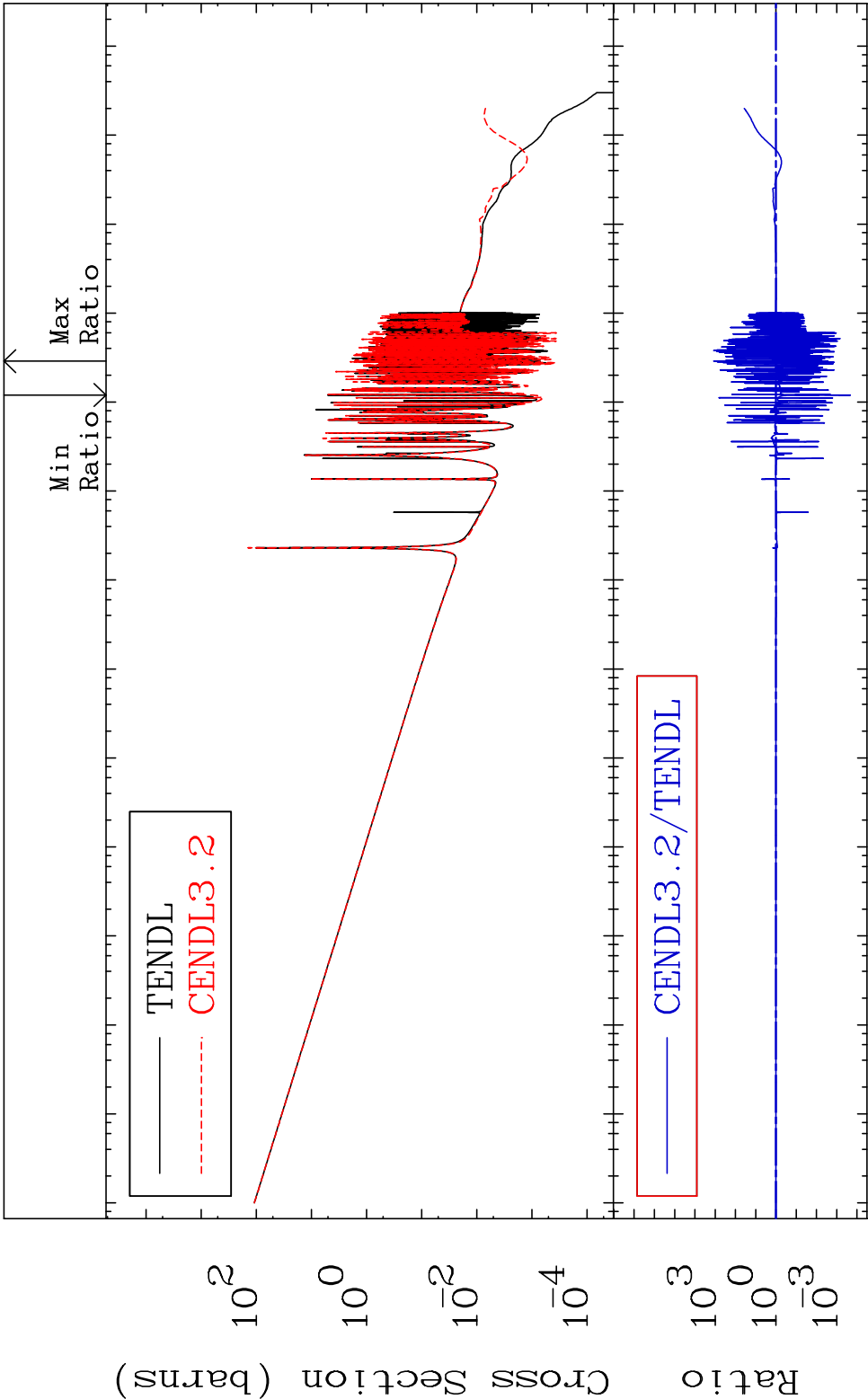
MAT 2931

(n, γ)

29-Cu-65

Cross Section

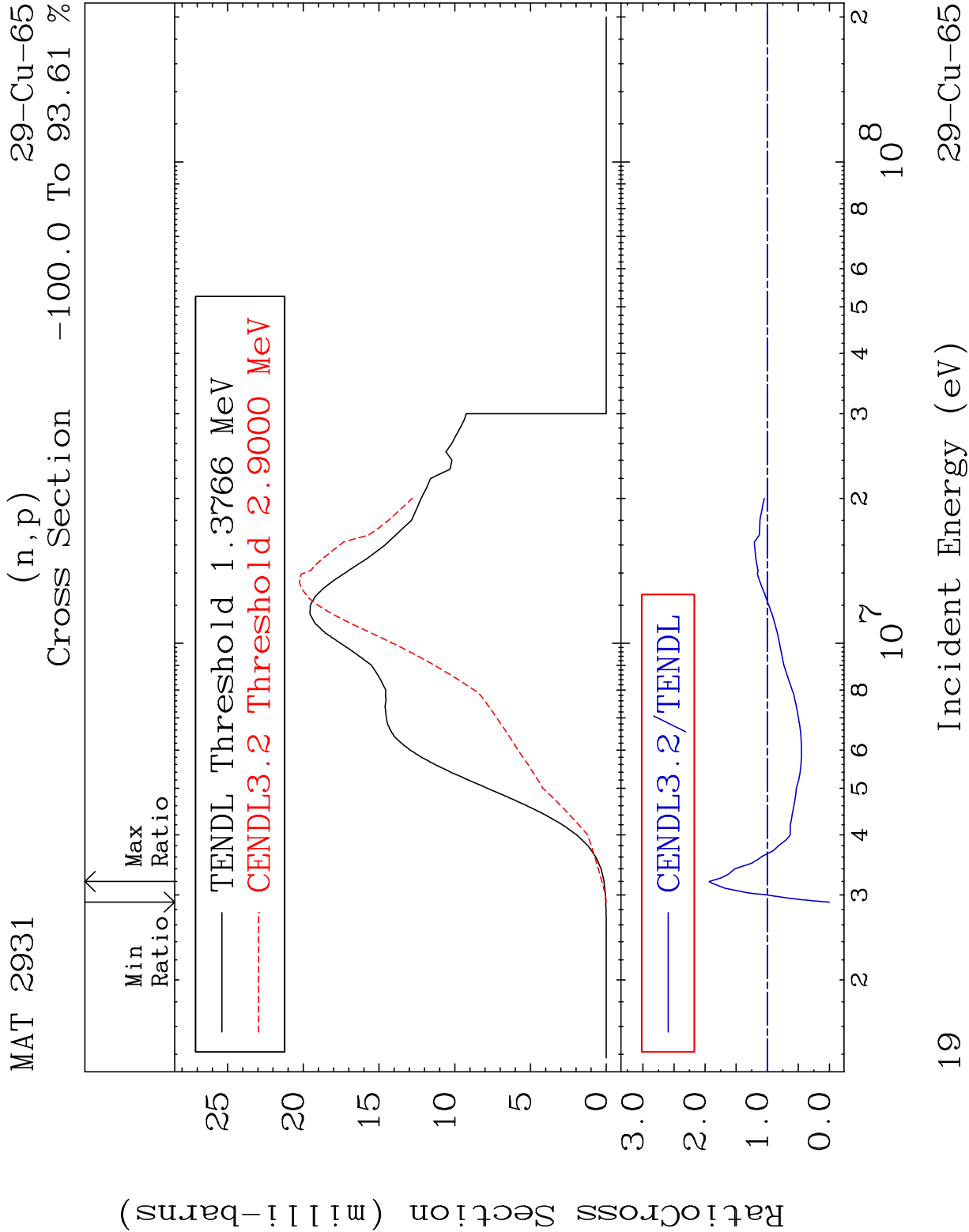
-99.98 To 9999. %

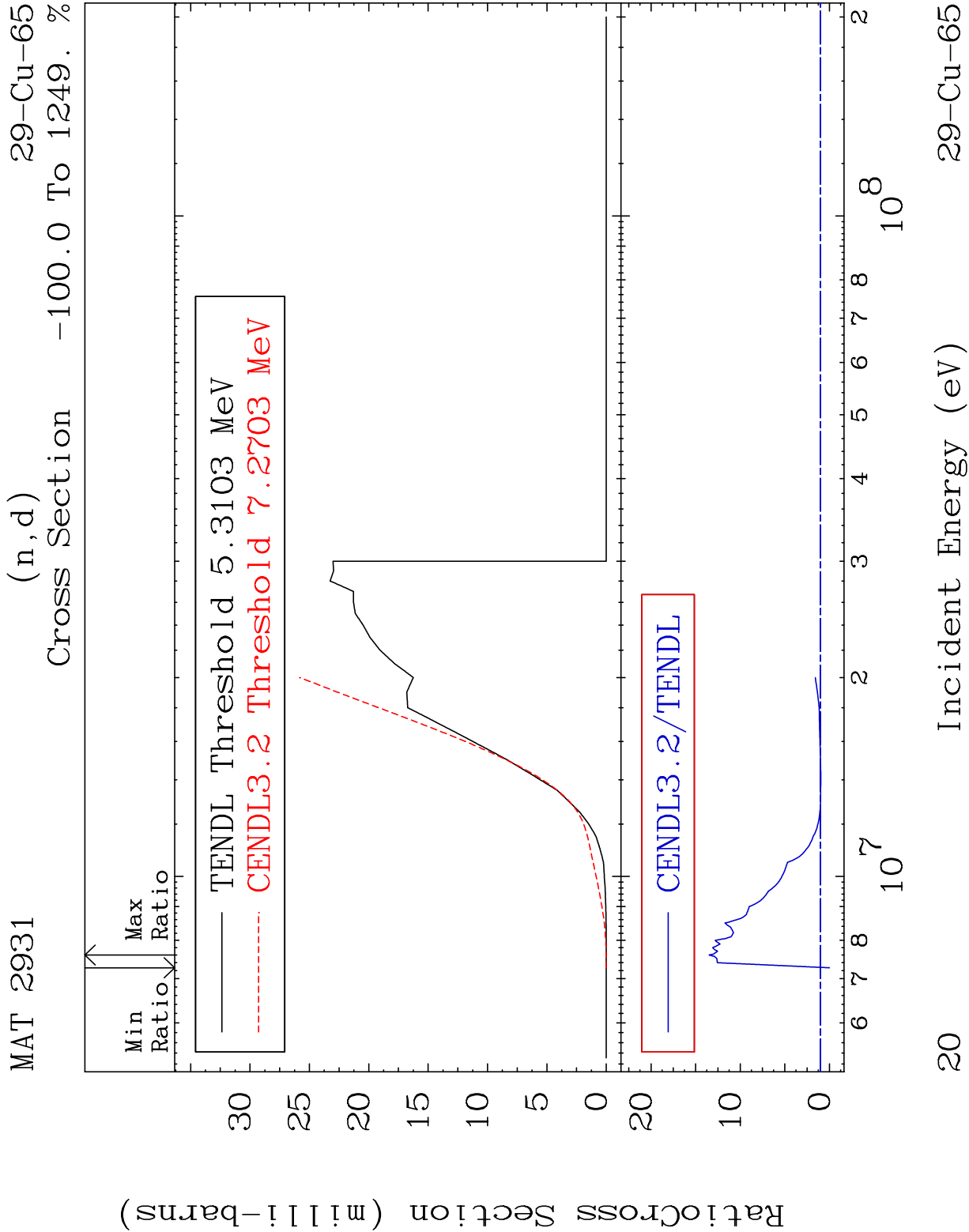


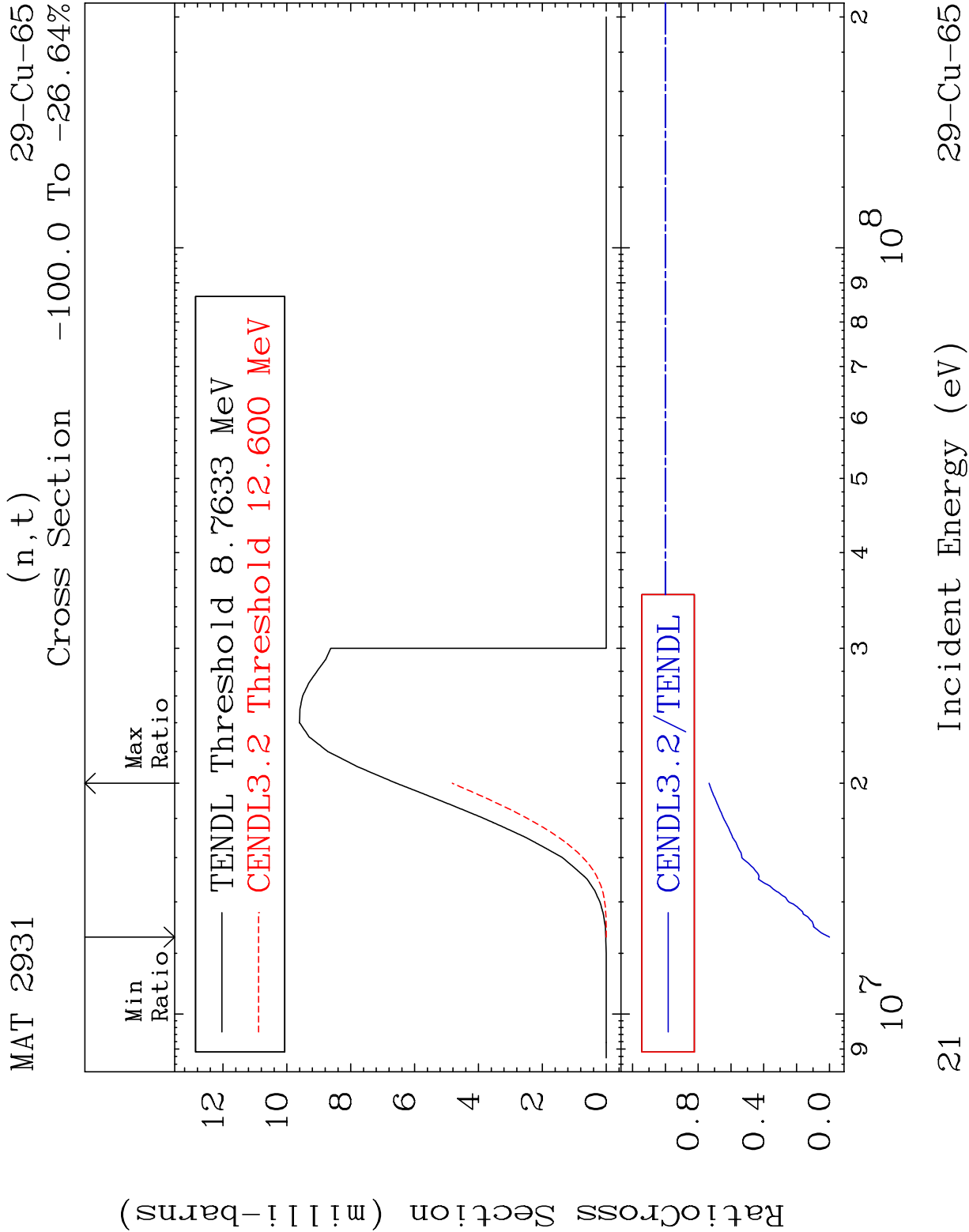
18

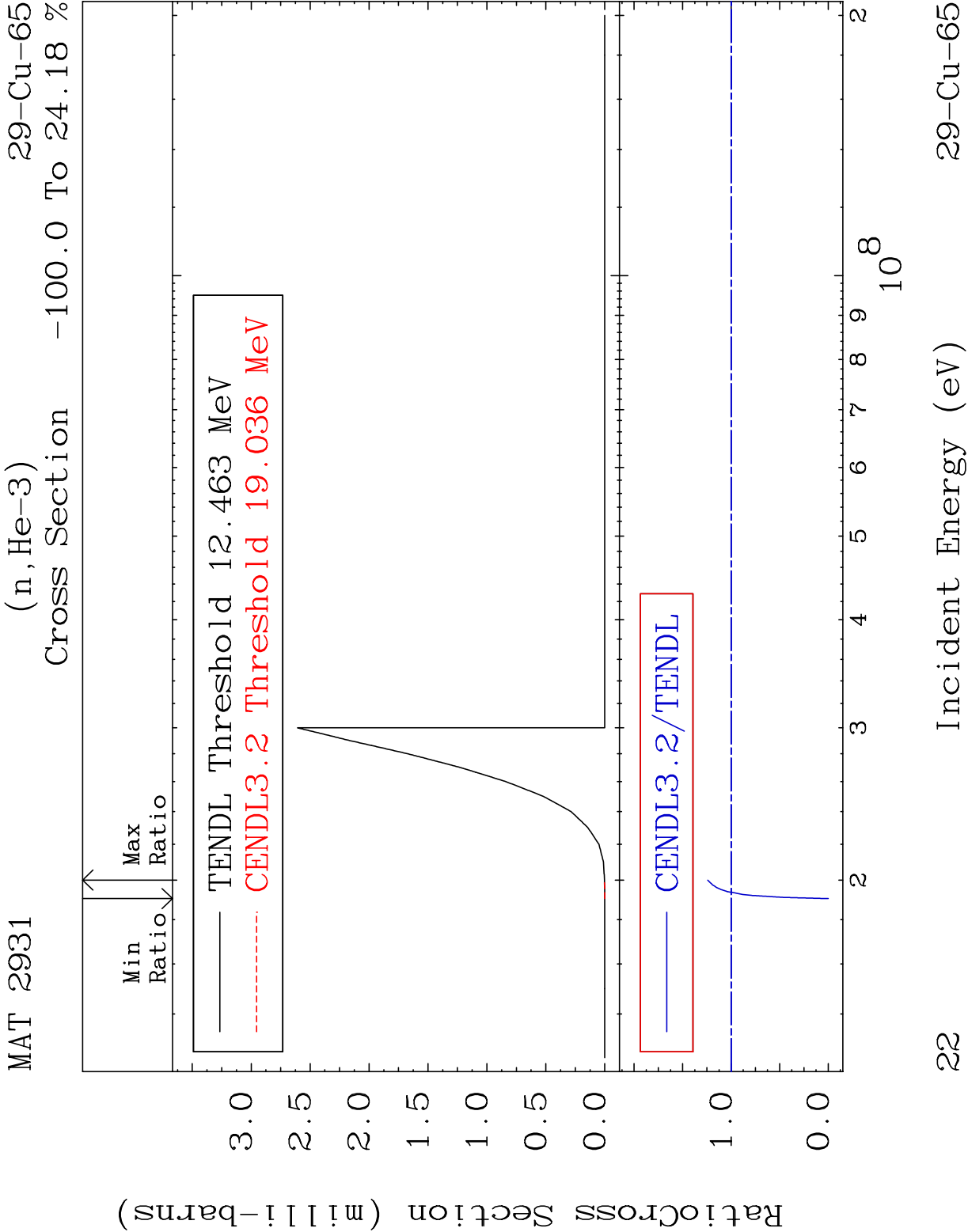
Incident Energy (eV)

29-Cu-65



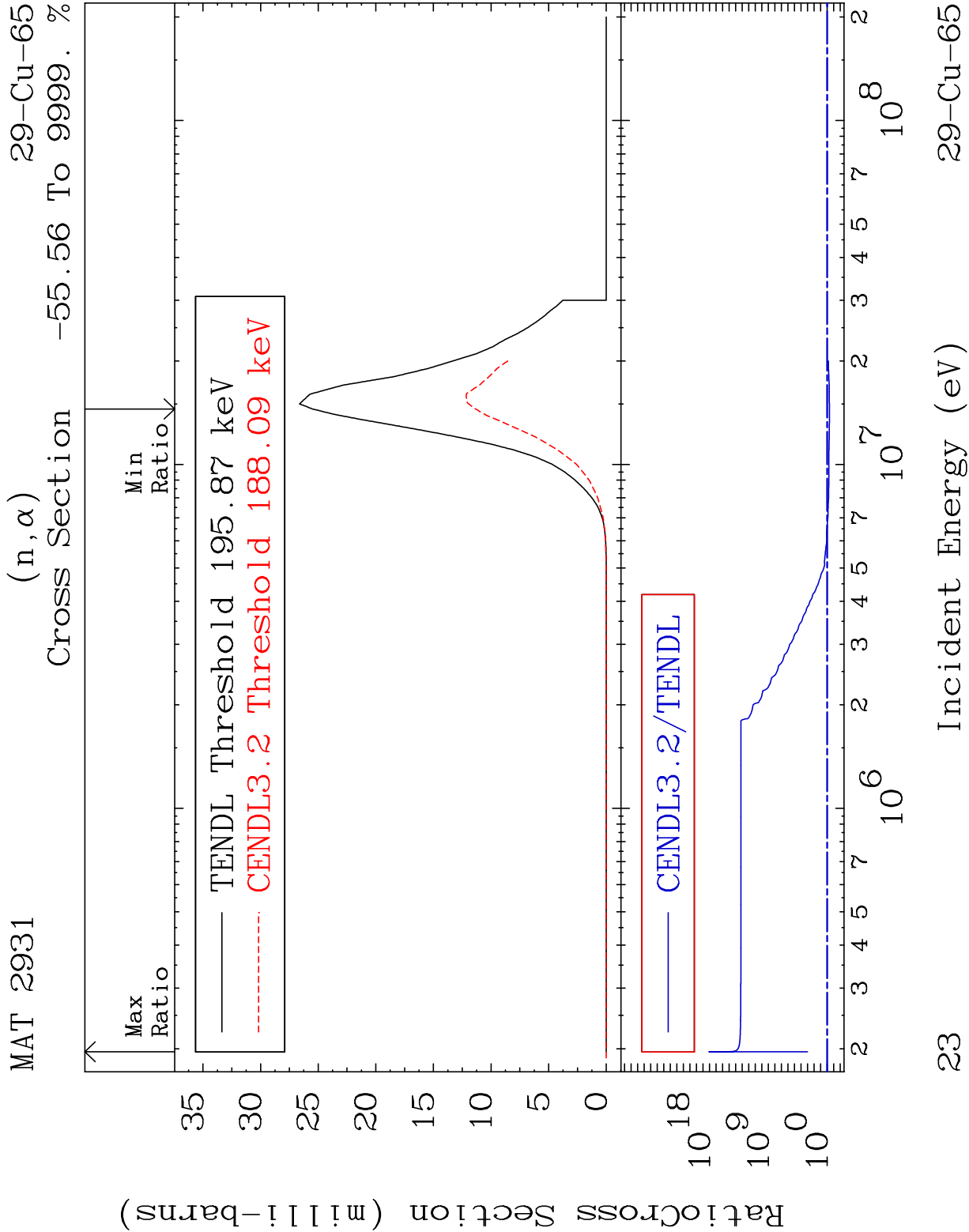


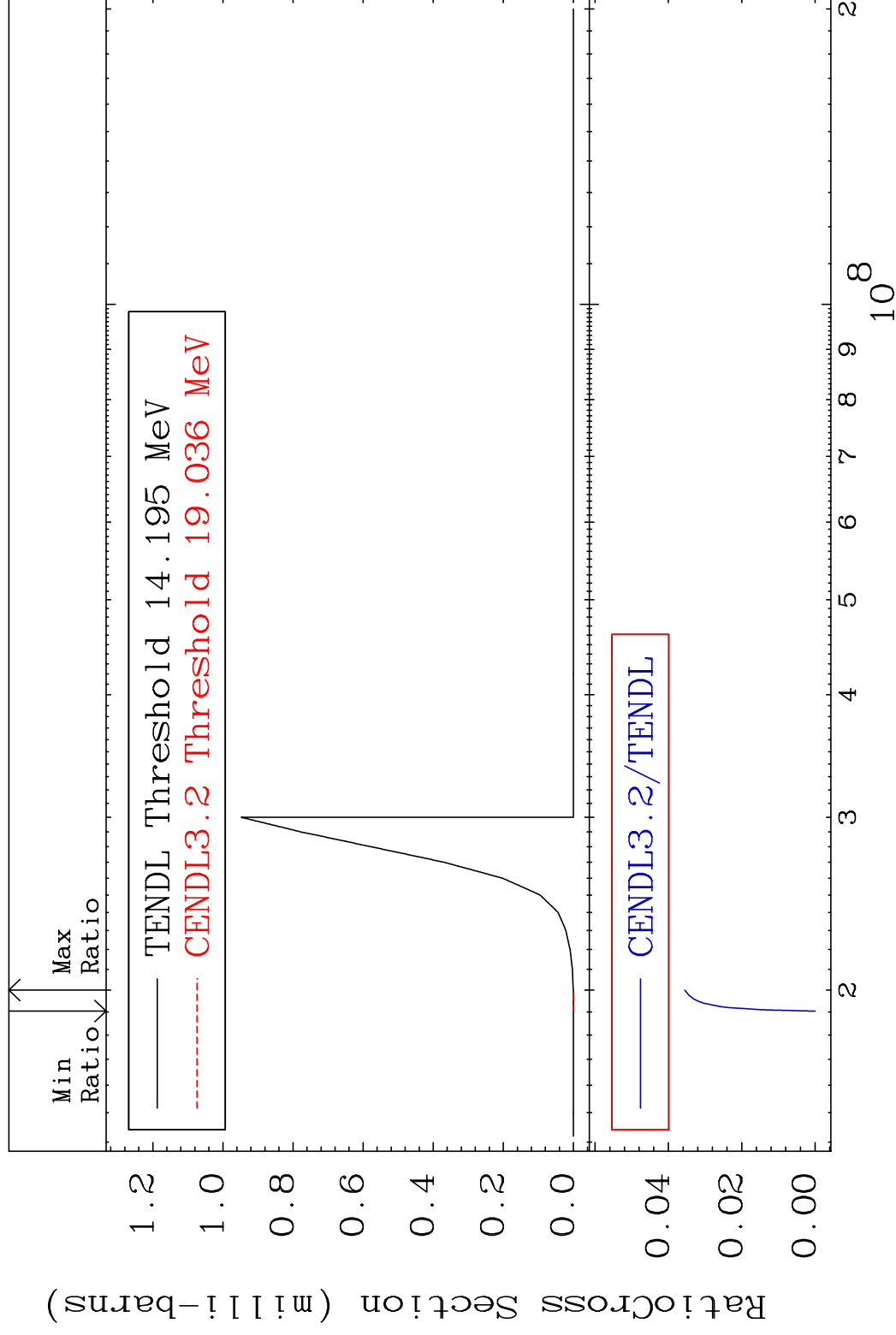


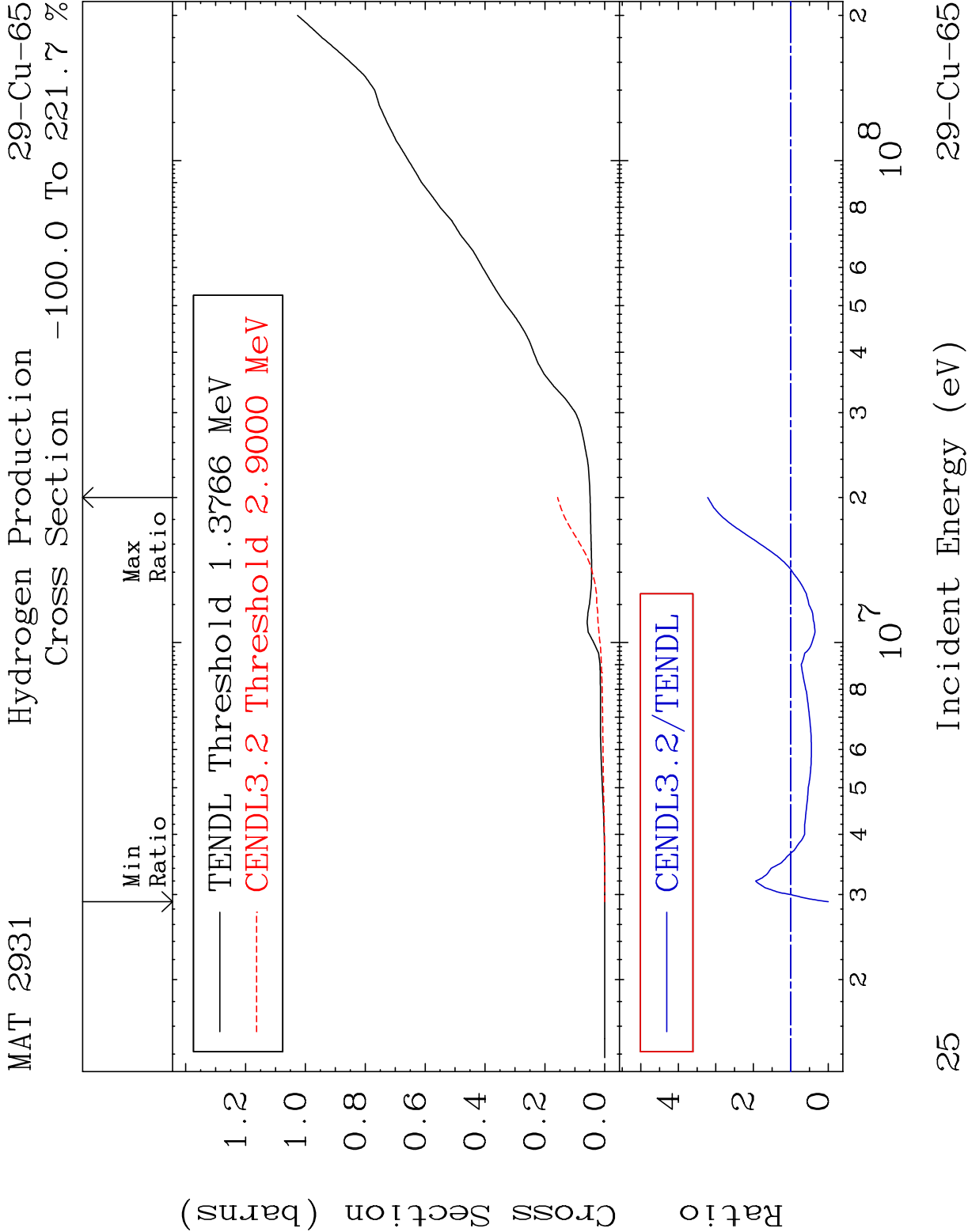


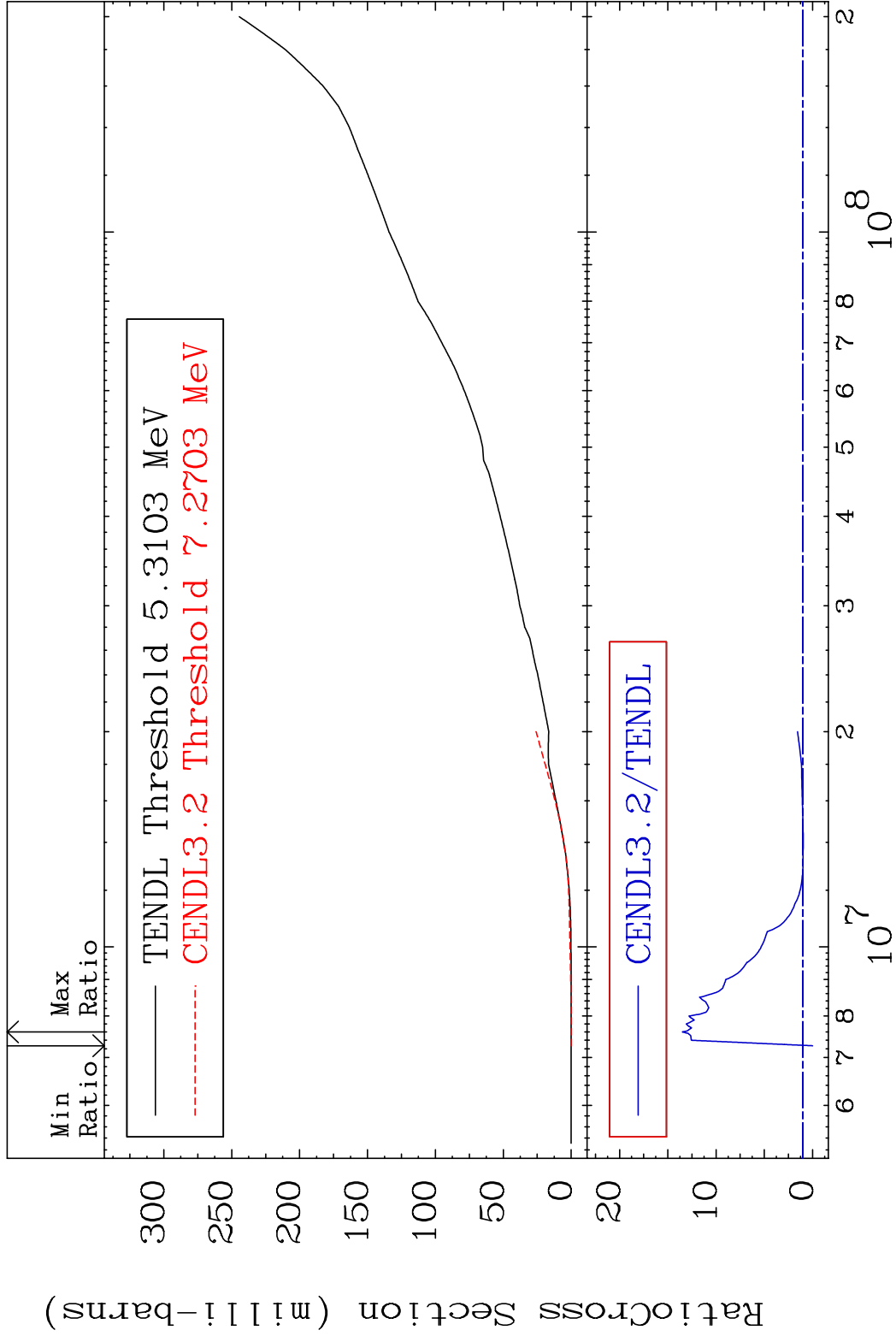
22

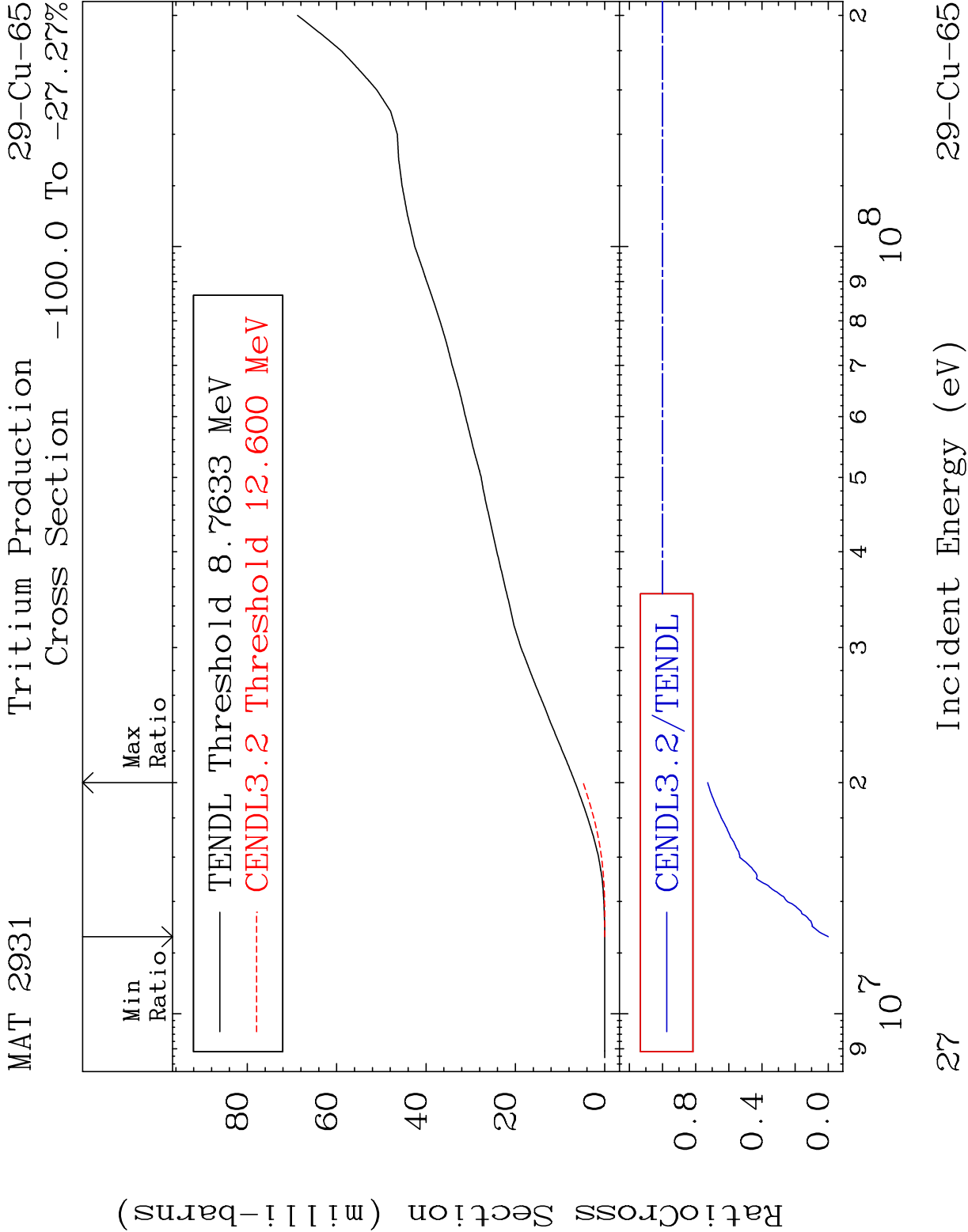
29-Cu-65

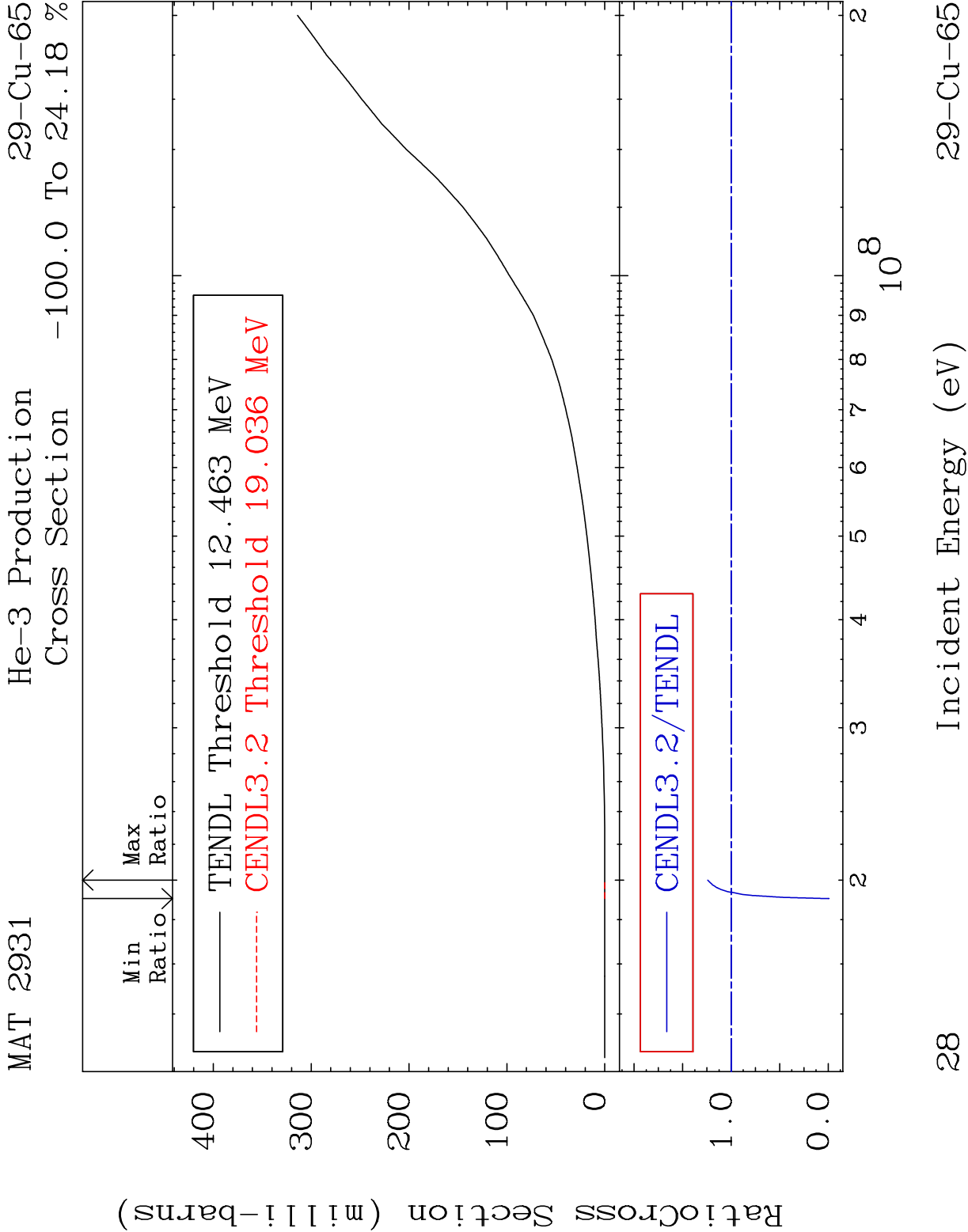


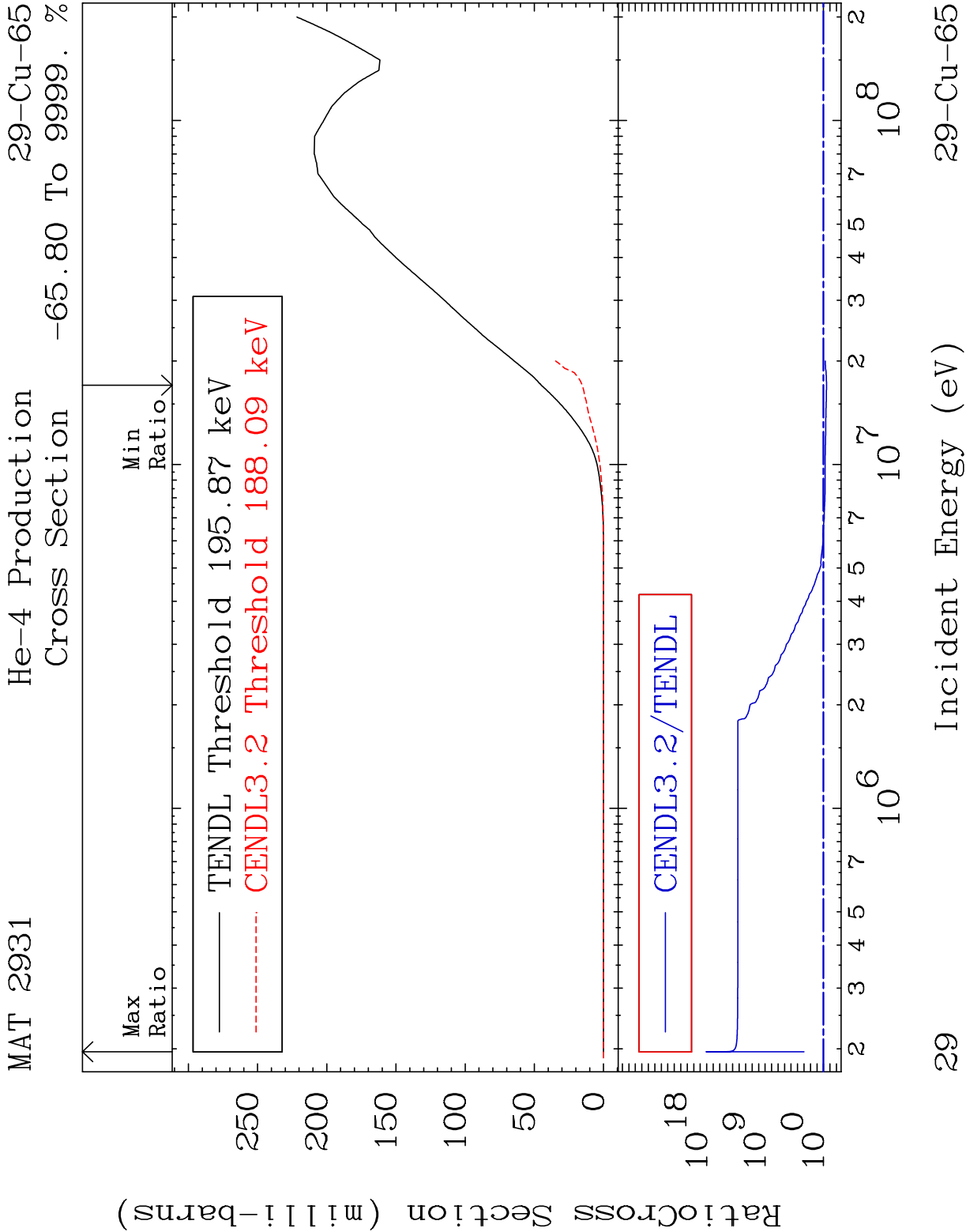


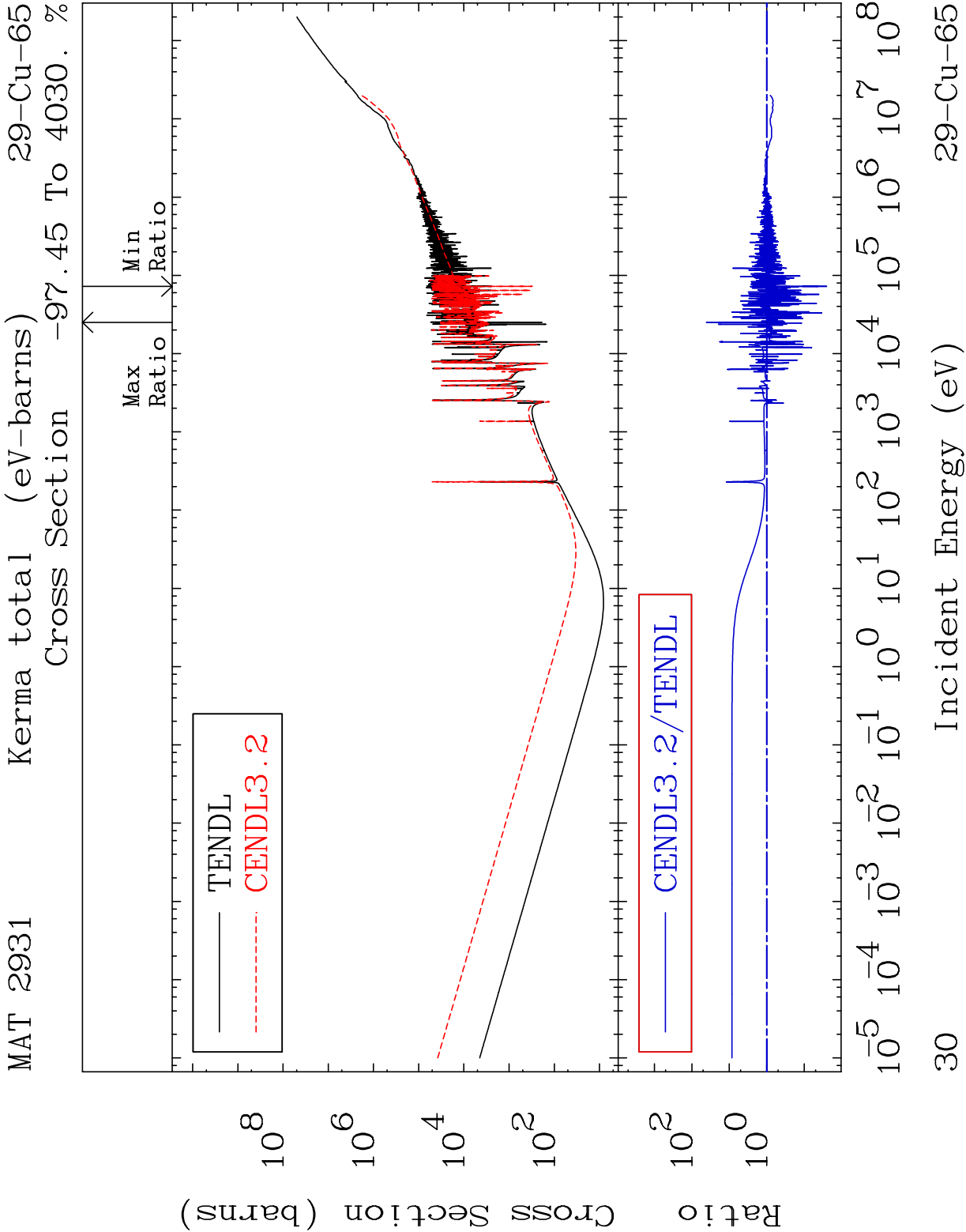


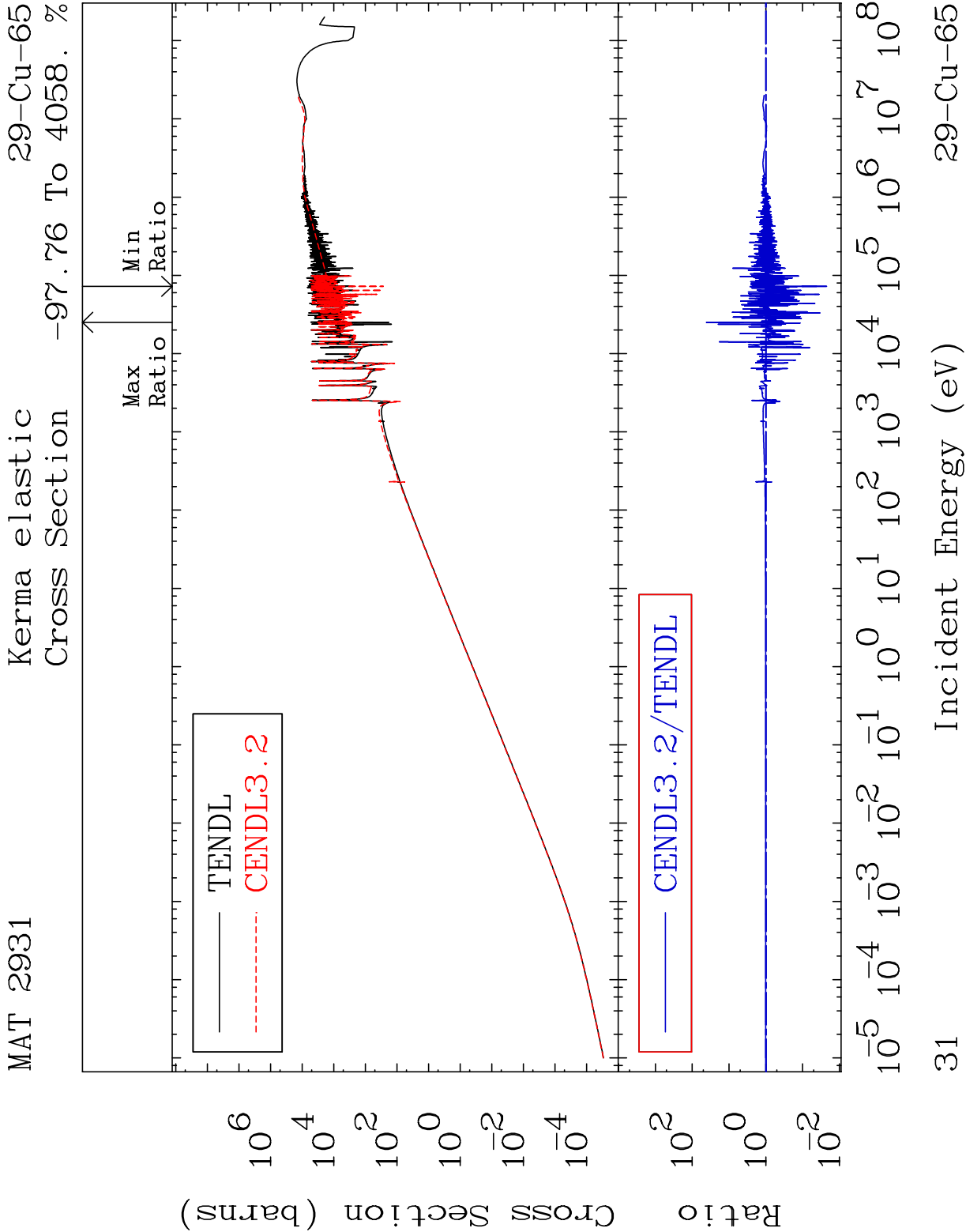




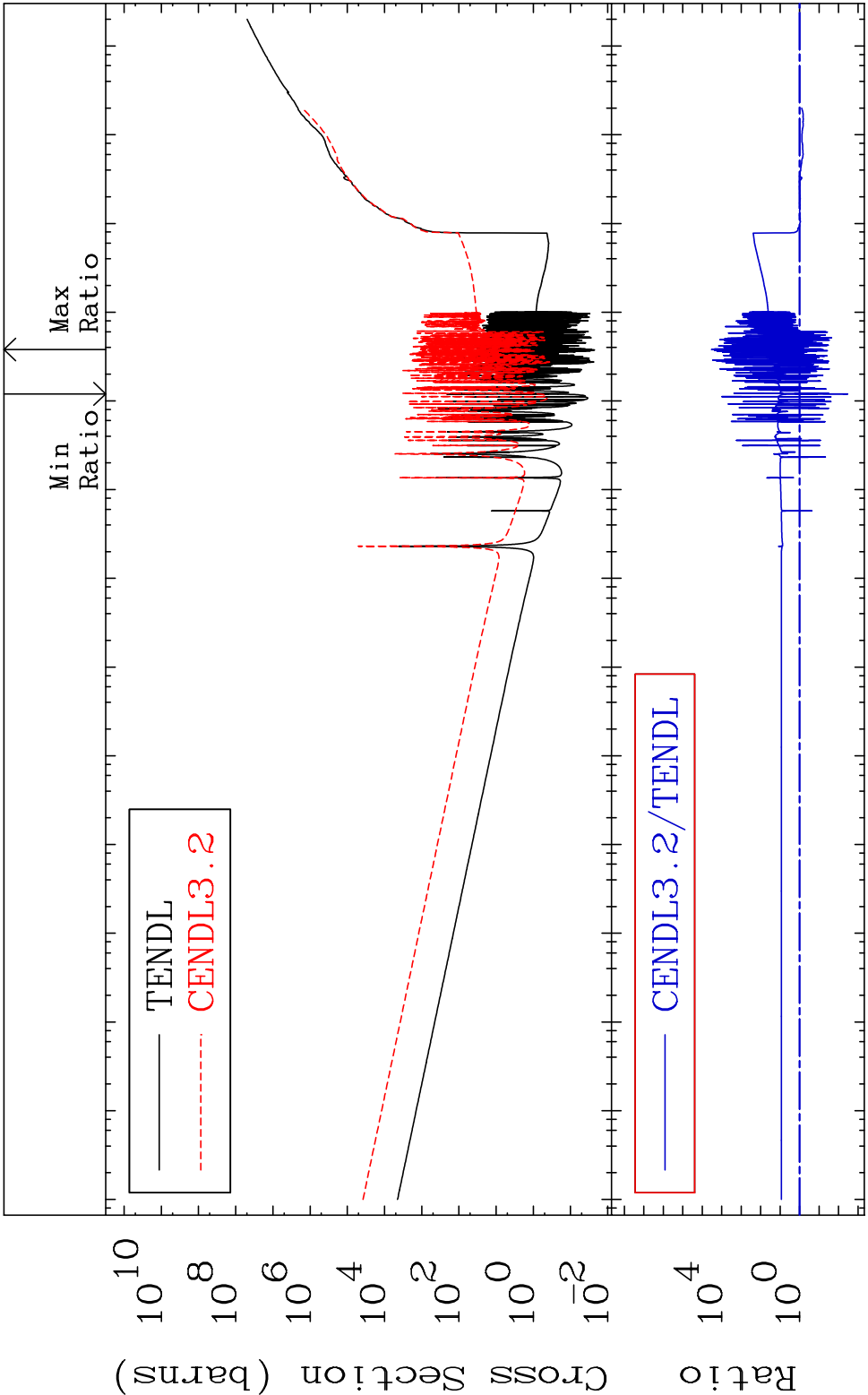




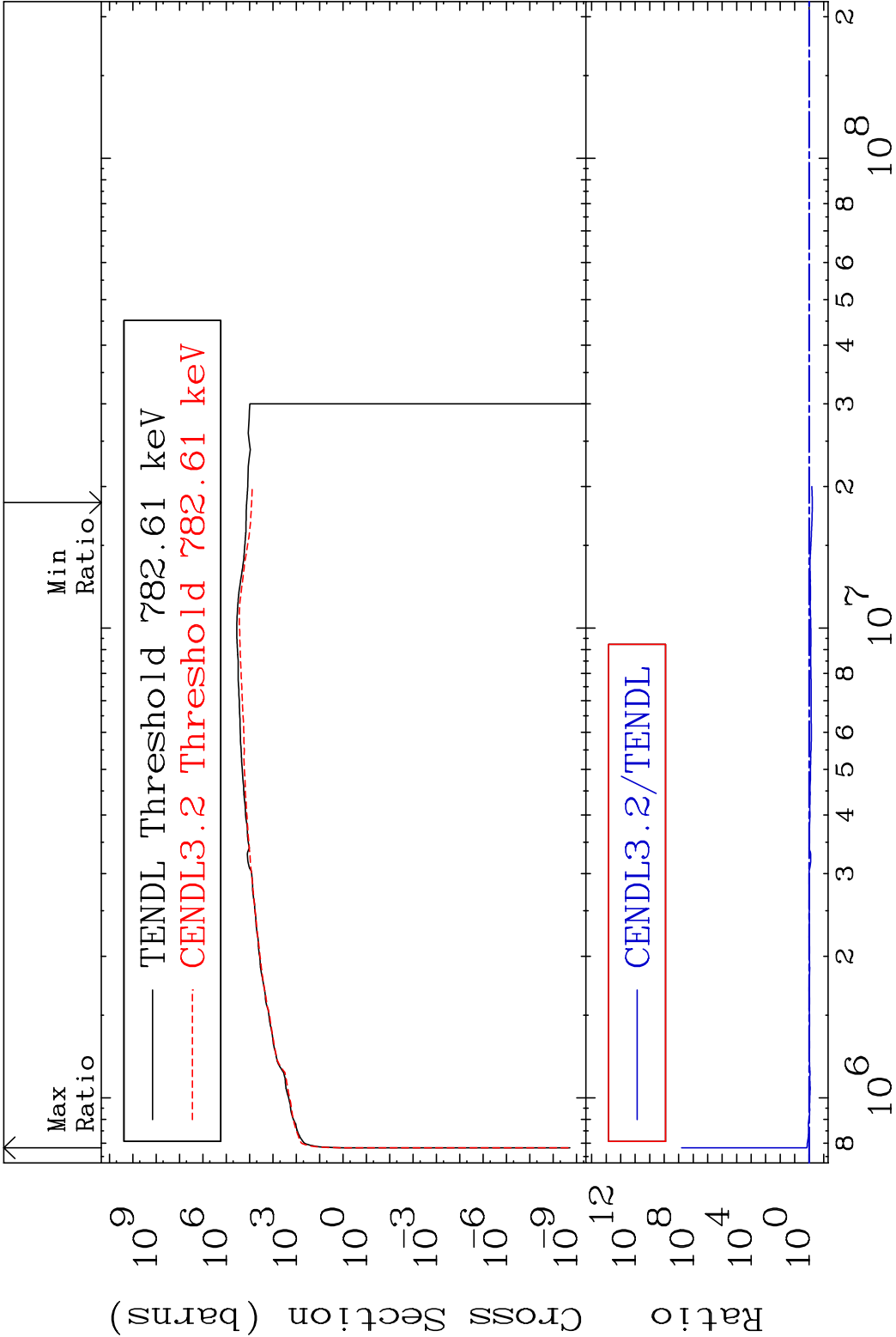




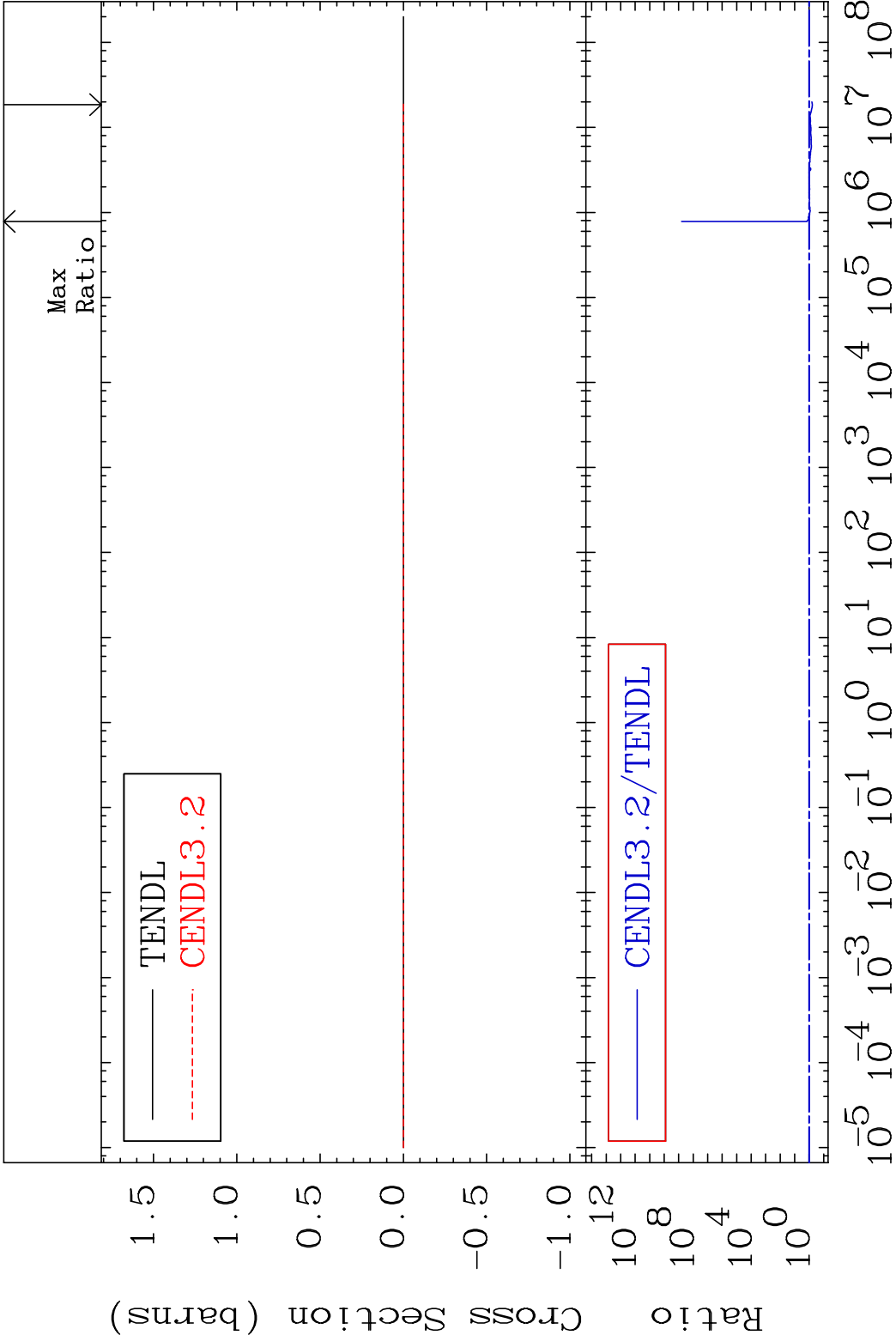
MAT 2931 Kerma non-elastic (all but mt2) 29-Cu-65
 Cross Section -99.67 To 9999. %

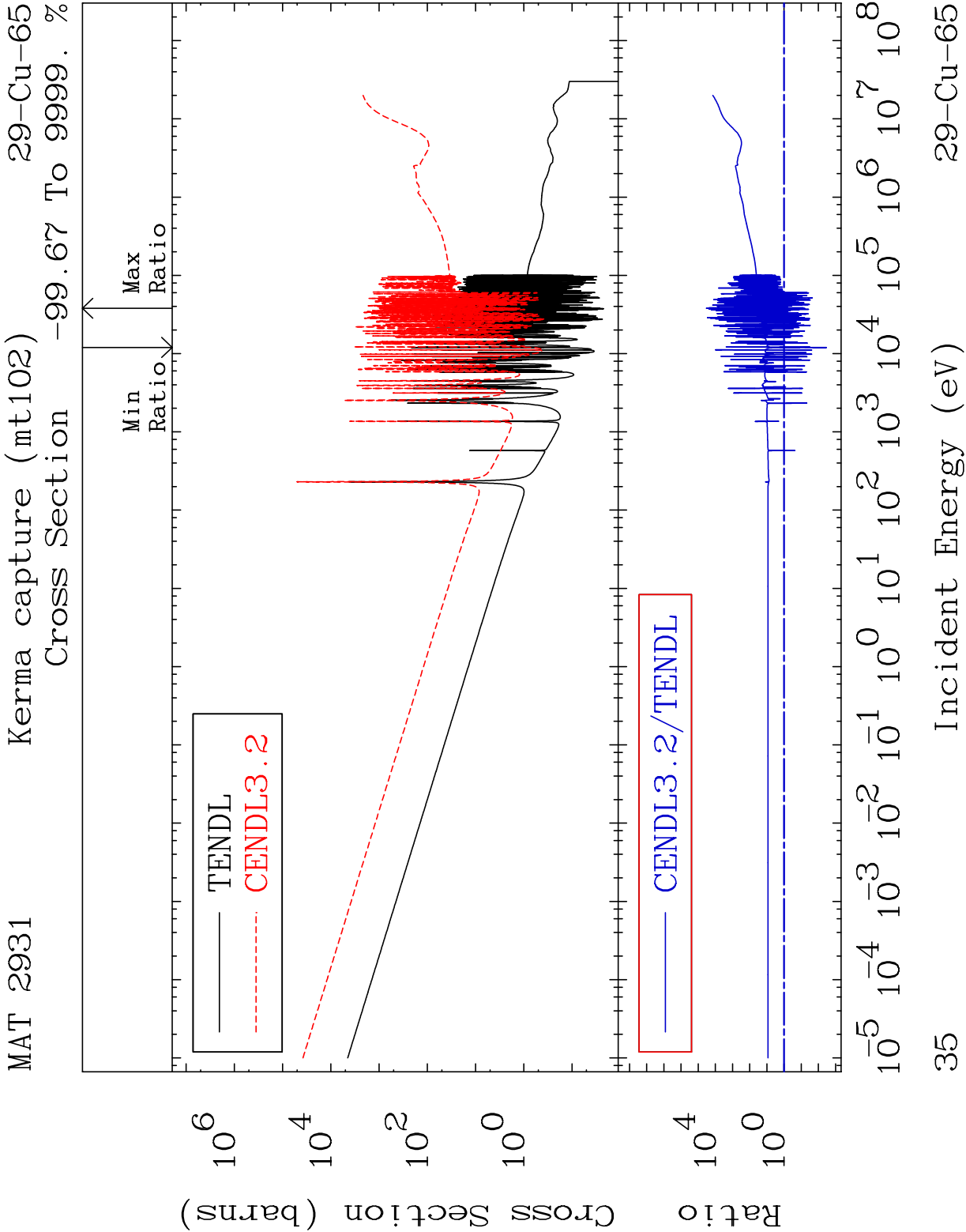


32 Incident Energy (eV) 29-Cu-65



MAT 2931 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-65
Cross Section -38.96 To 9999. %





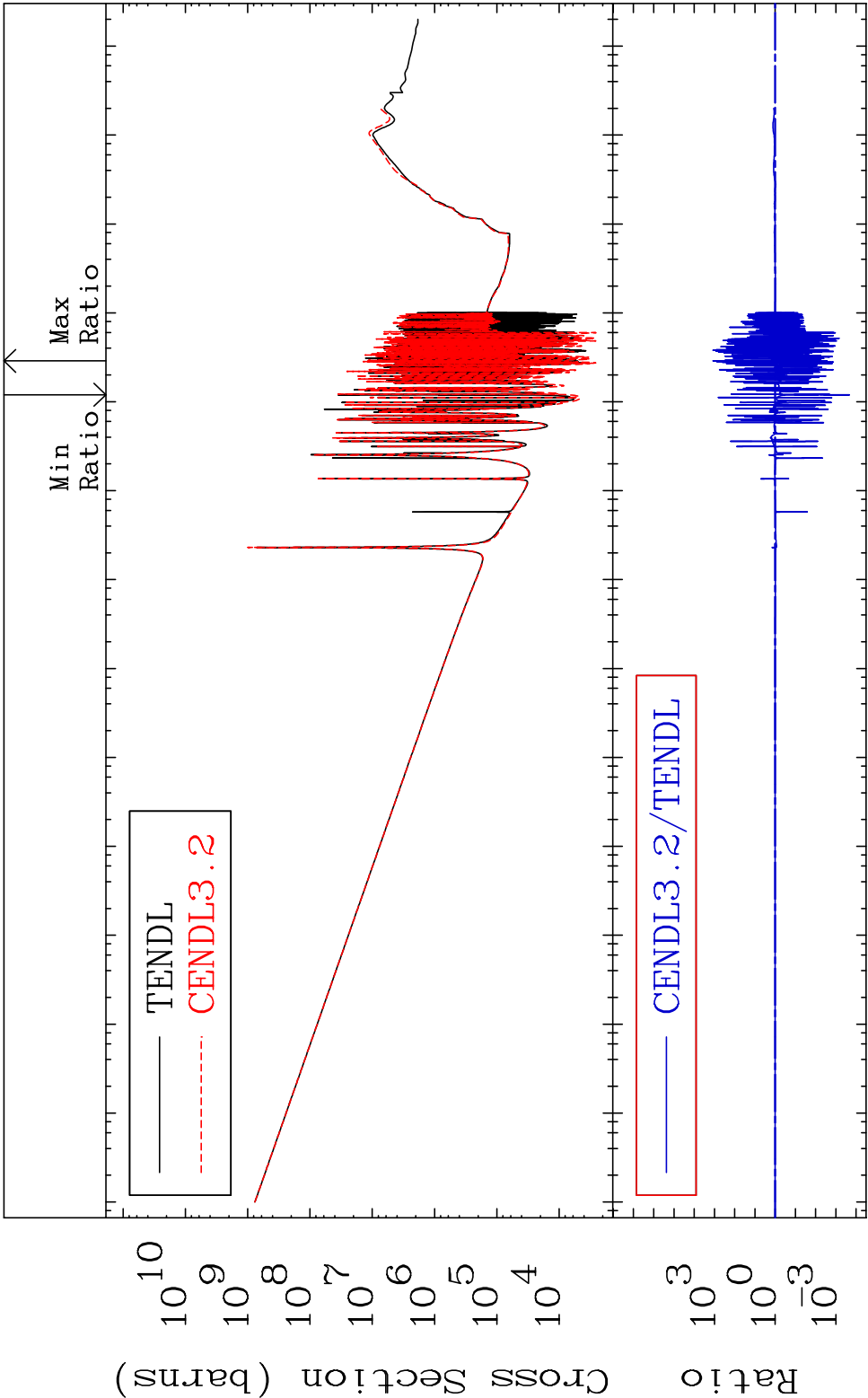
MAT 2931

Total photon (eV-barns)

29-Cu-65

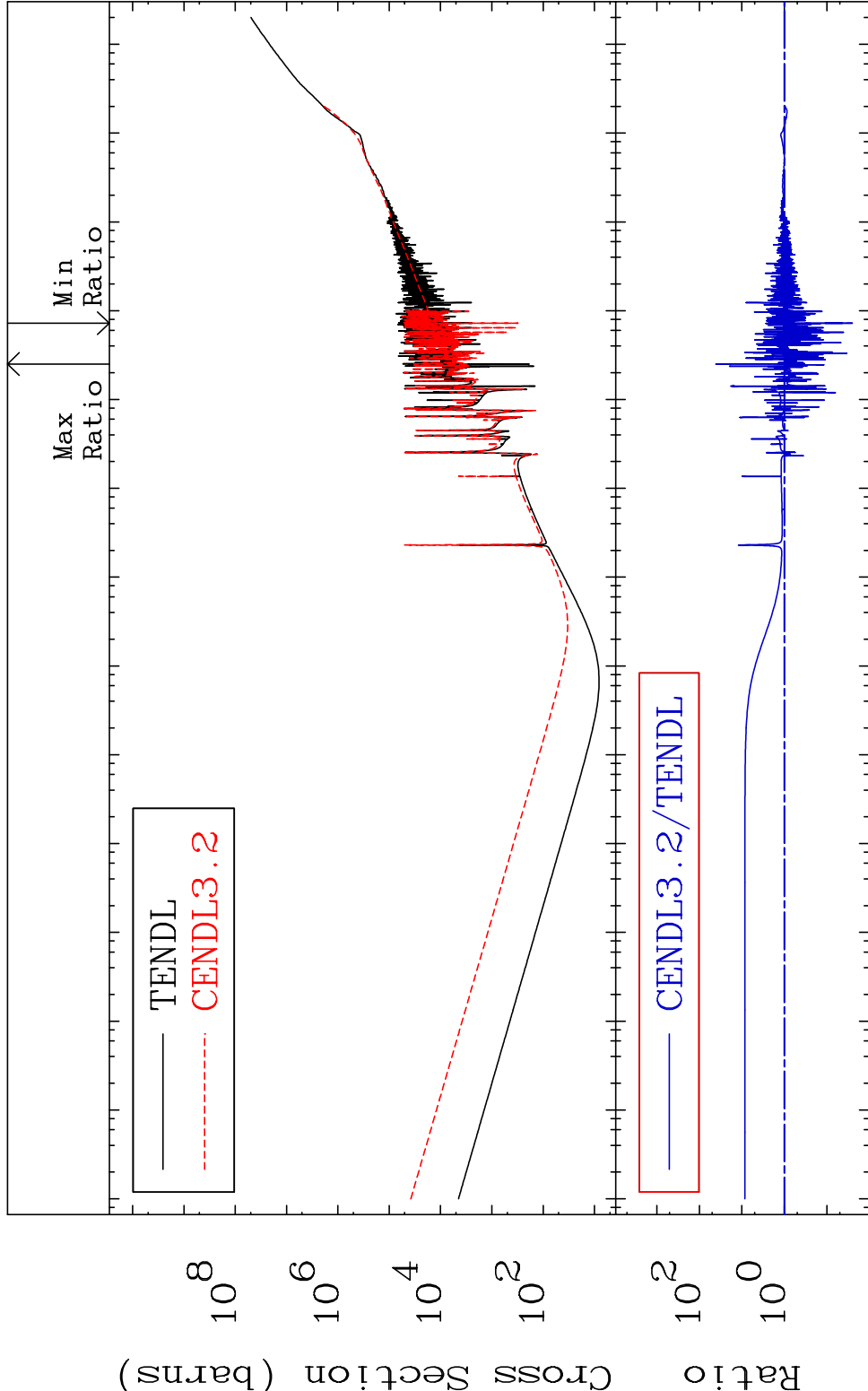
Cross Section

-99.98 To 9999. %



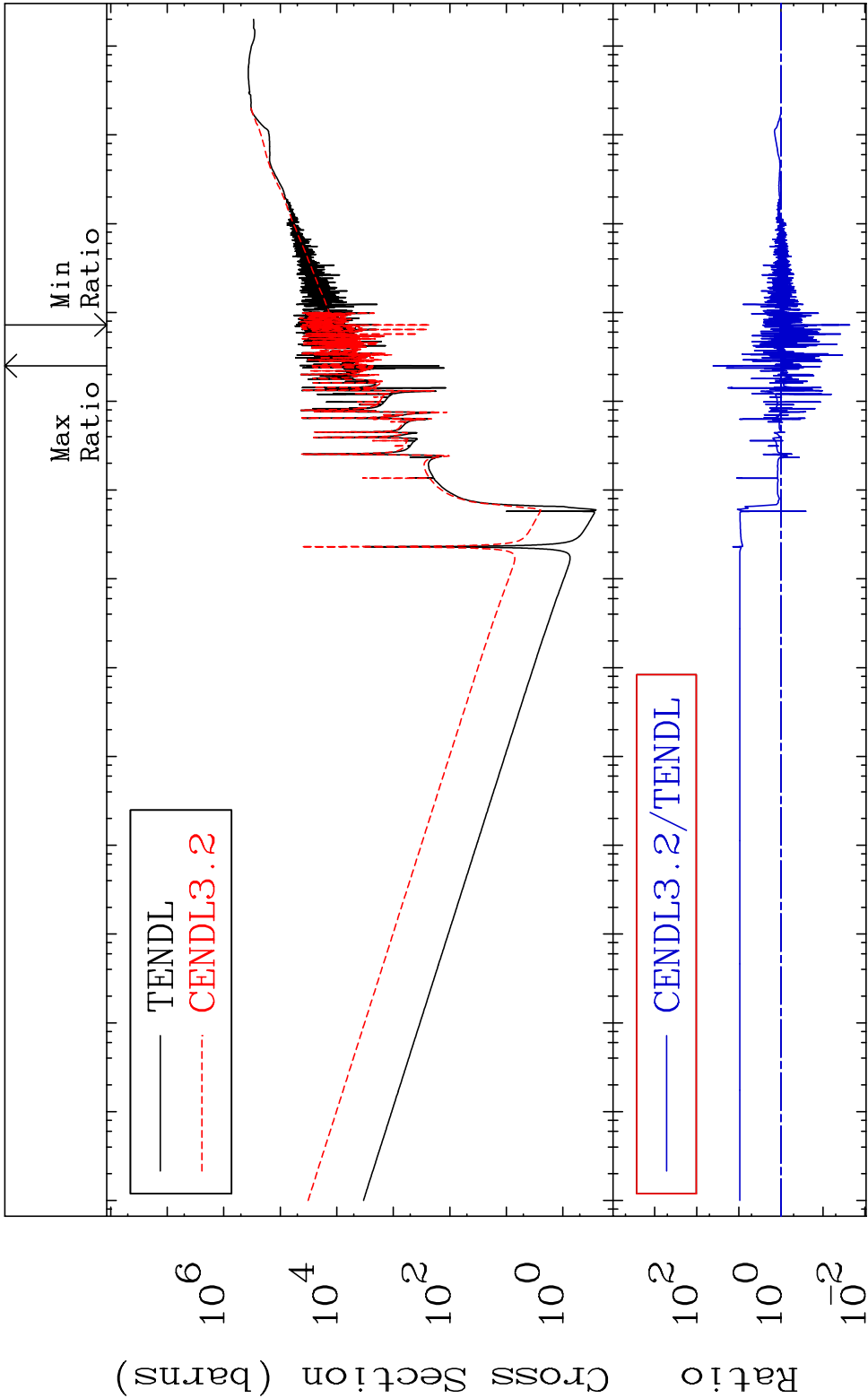
MAT 2931 Total kinematic kerma (high limit) 29-Cu-65

Cross Section -97.45 To 4030. %



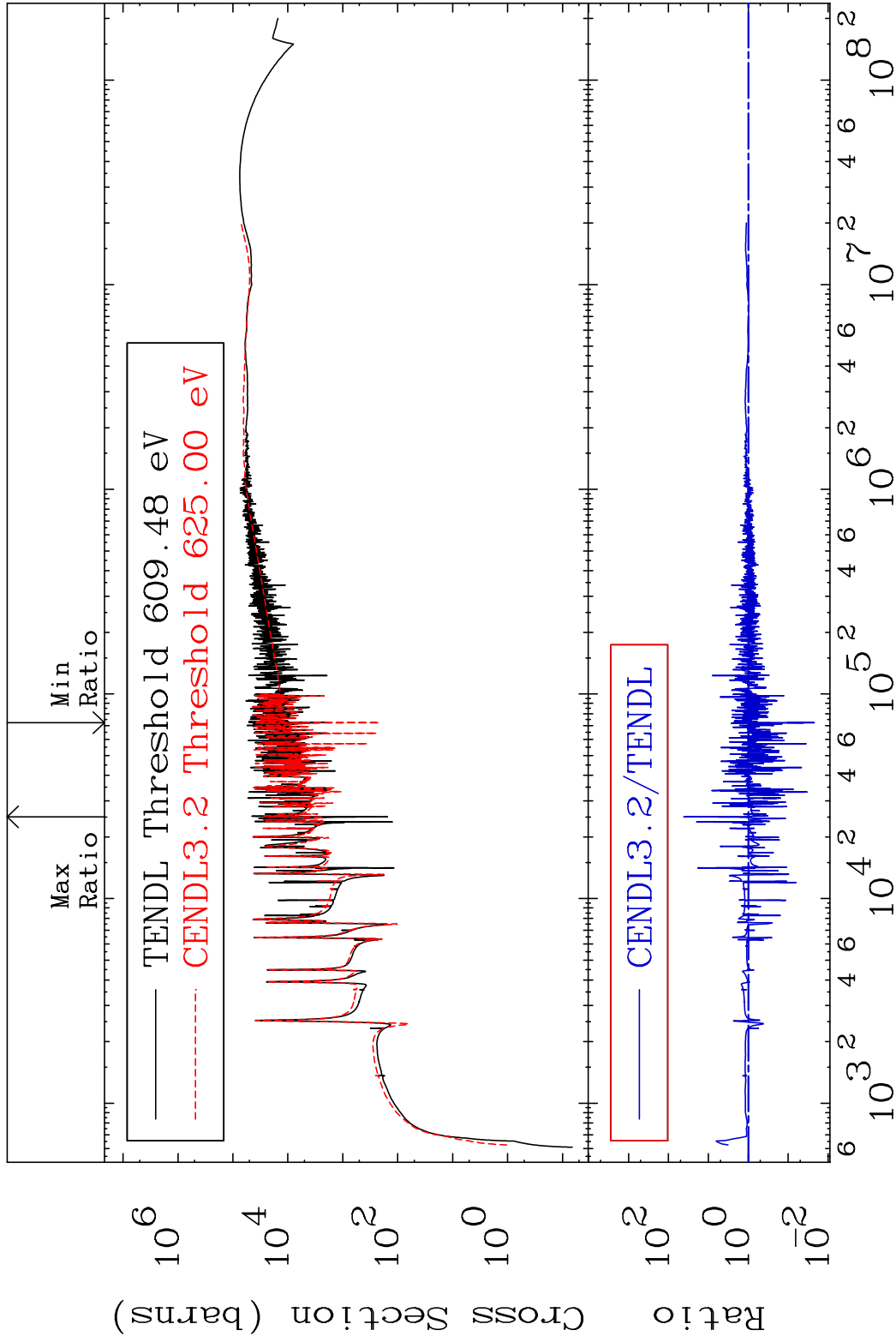
37 Incident Energy (eV) 29-Cu-65

MAT 2931 Dpa total (eV-barns) 29-Cu-65
 Cross Section -97.67 To 4025. %



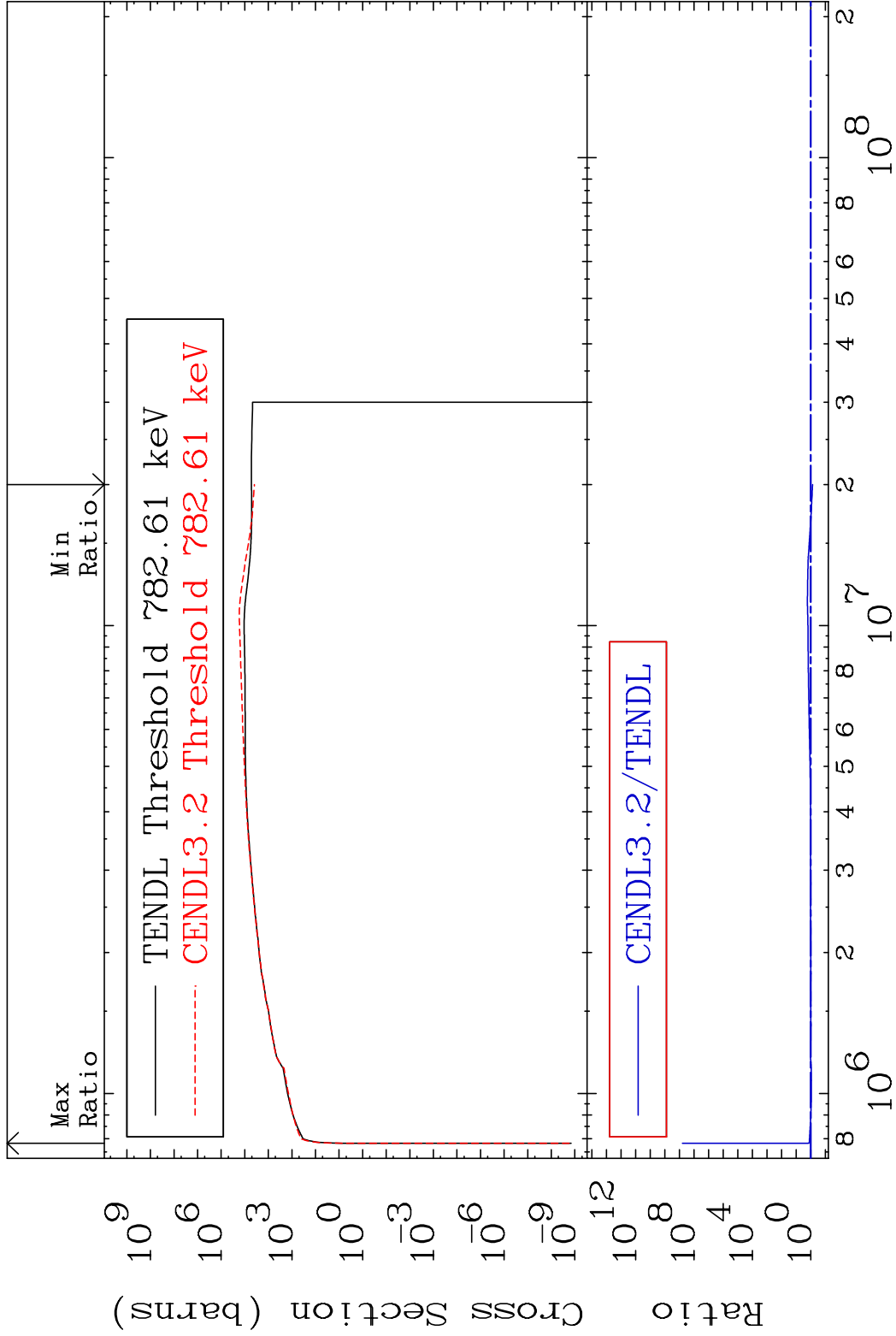
38 Incident Energy (eV) 29-Cu-65

MAT 2931	Dpa elastic (mt2)	29-Cu-65
	Cross Section	-97.76 To 4058. %



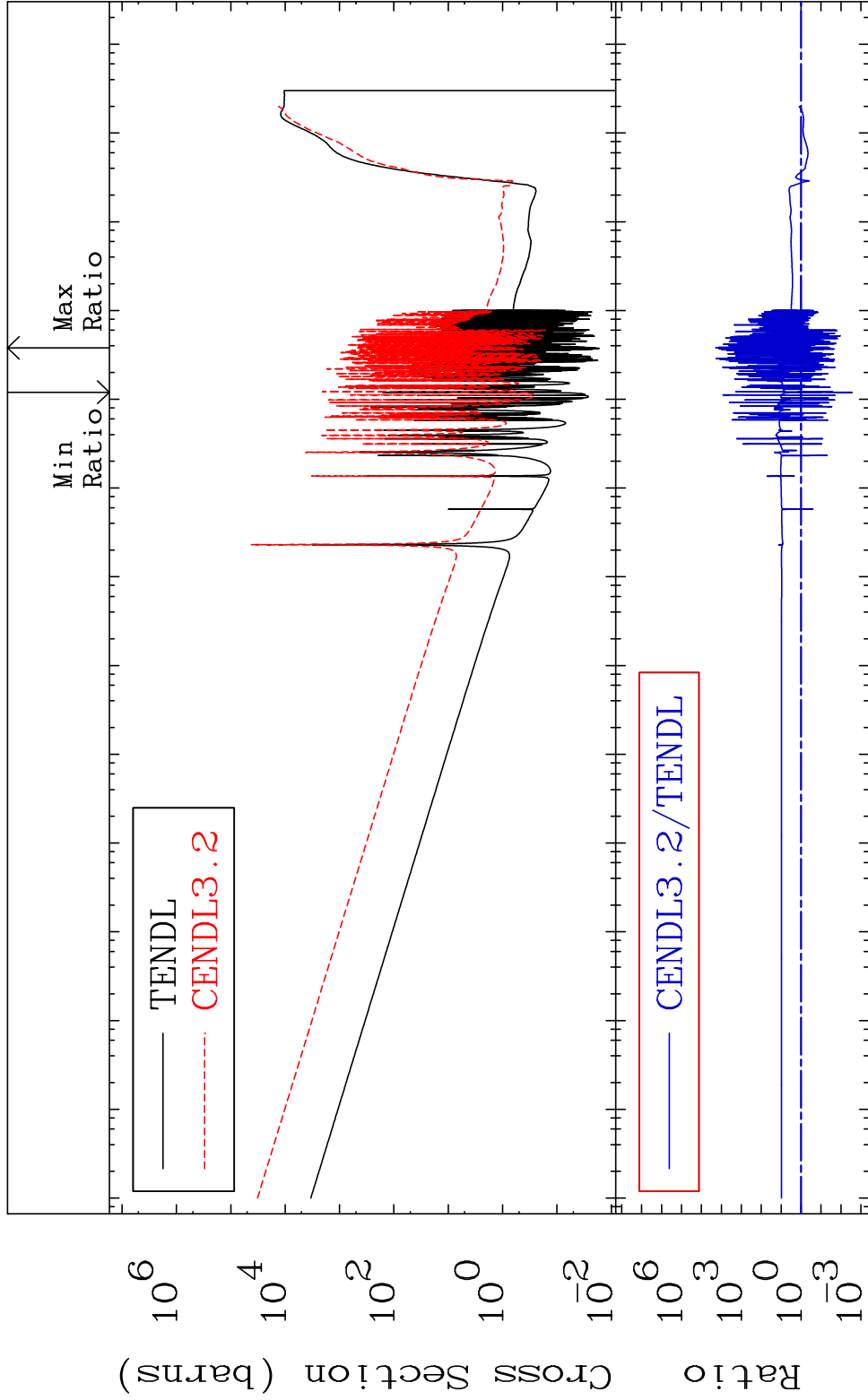
39	Incident Energy (eV)	29-Cu-65
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MAT 2931 Dpa inelastic (mt51-91) 29-Cu-65
Cross Section -24.65 To 9999. %



40 Incident Energy (eV) 29-Cu-65

MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65
Cross Section -99.73 To 9999. %

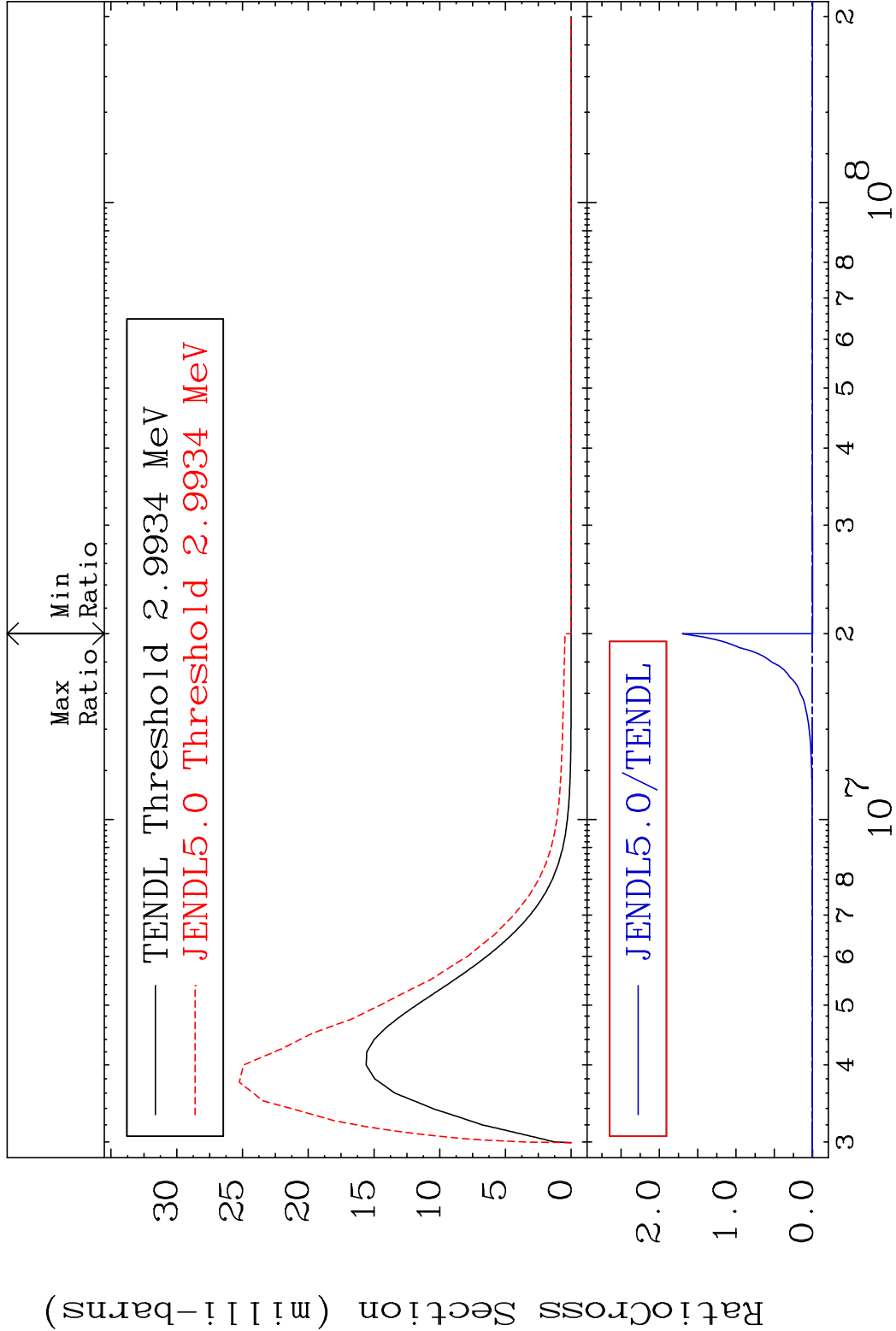


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

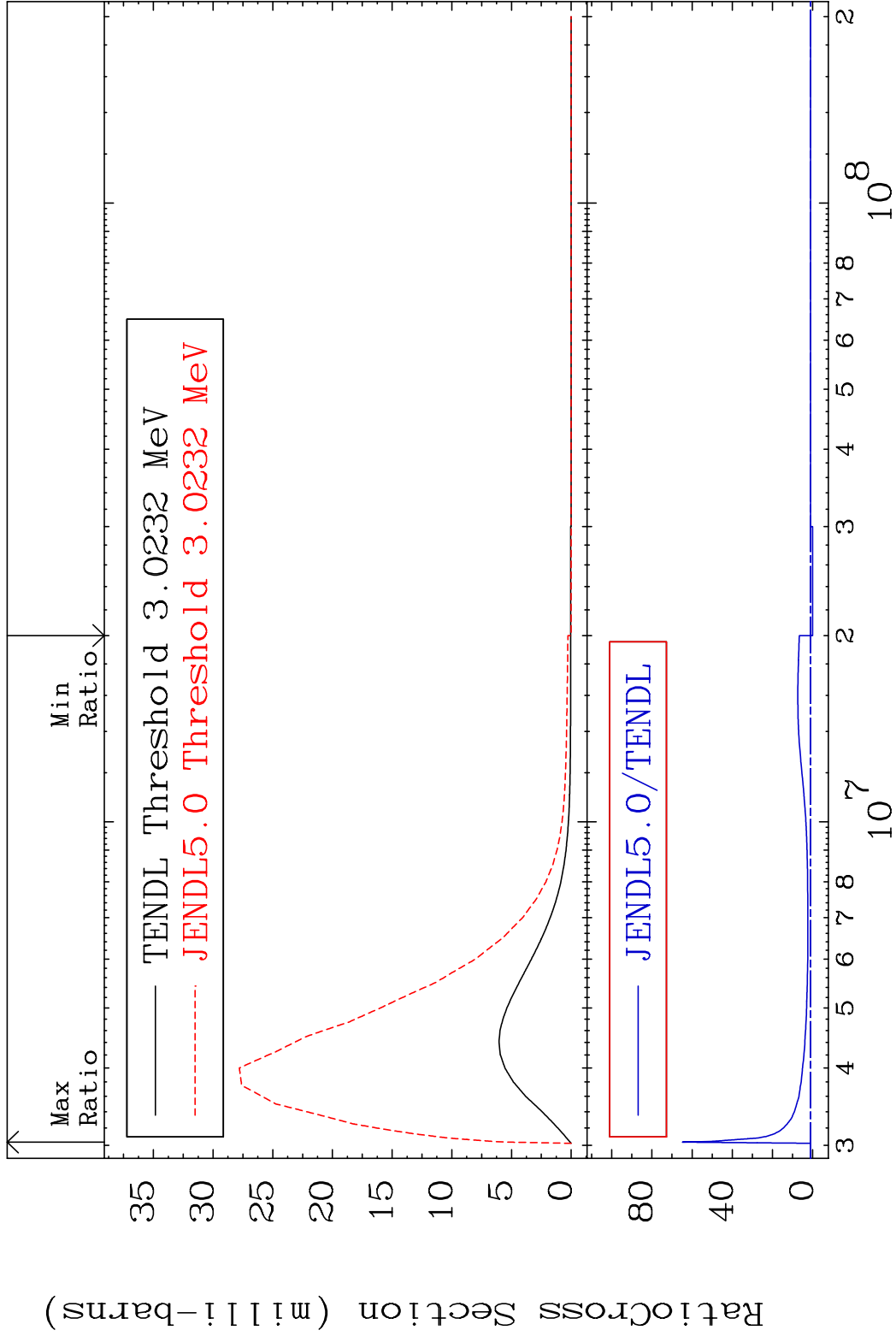
41 Incident Energy (eV) 29-Cu-65

MAT 2931 MT= 78 (n,n') Level 29-Cu-65

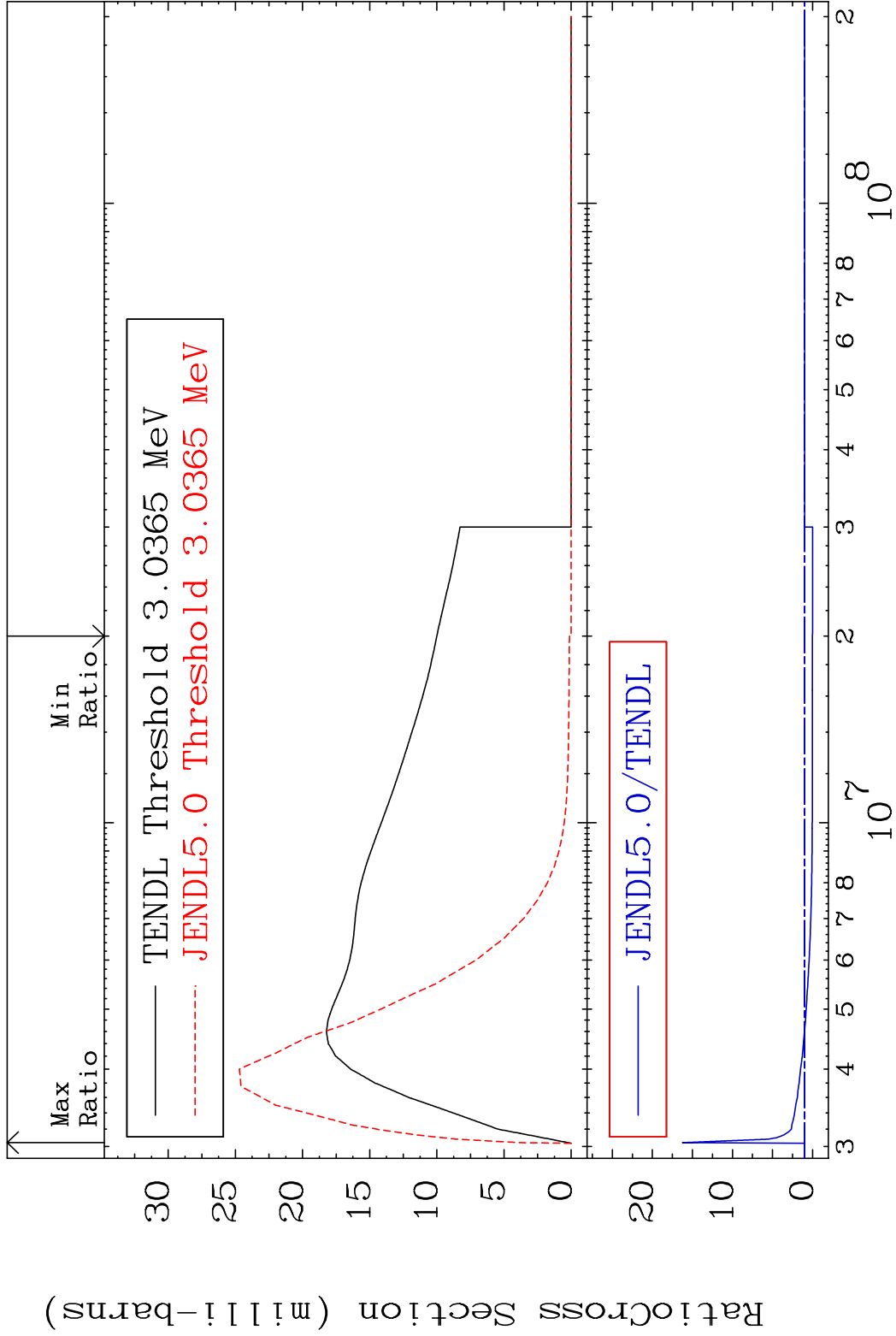
Cross Section -100.0 To 9999. %

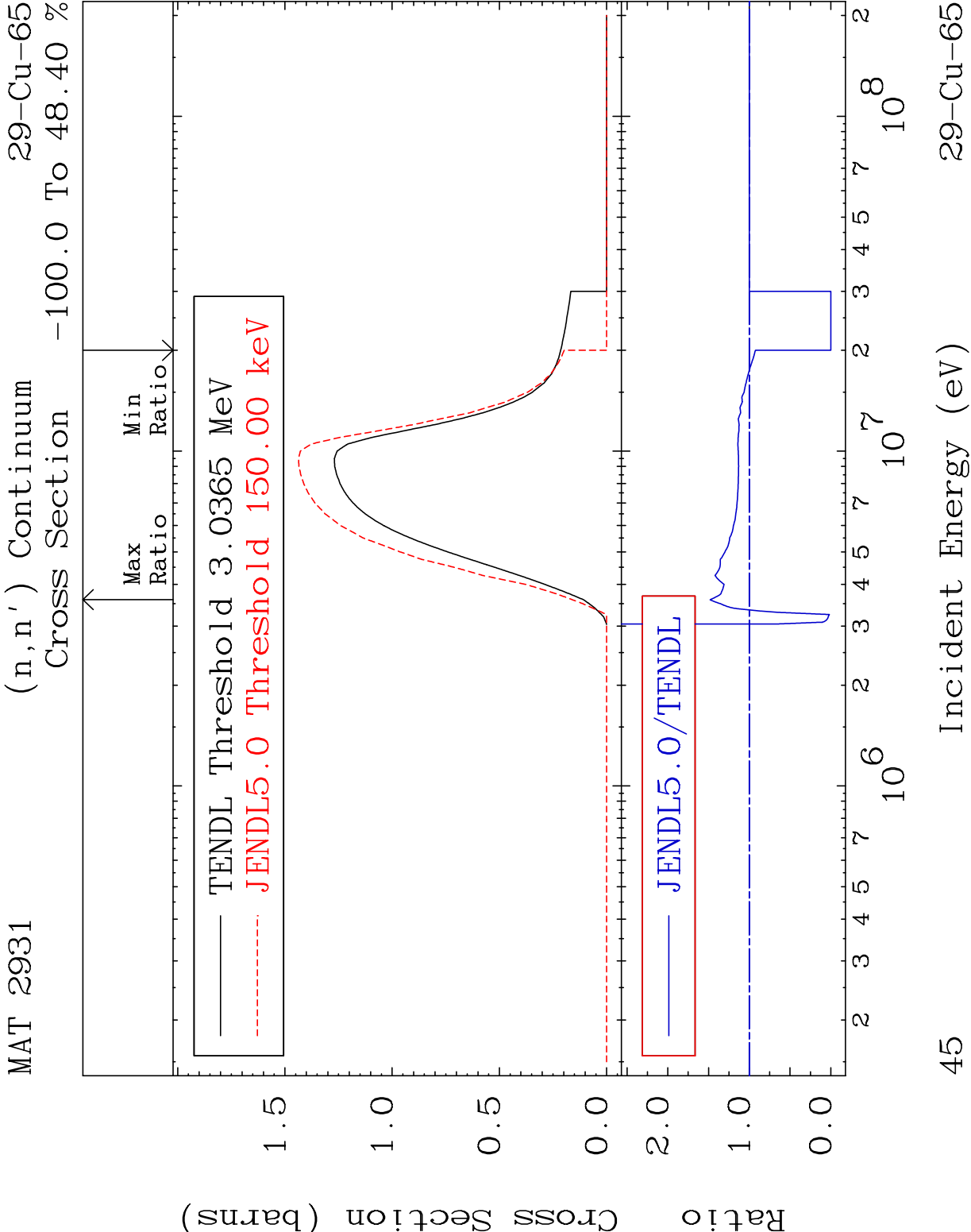


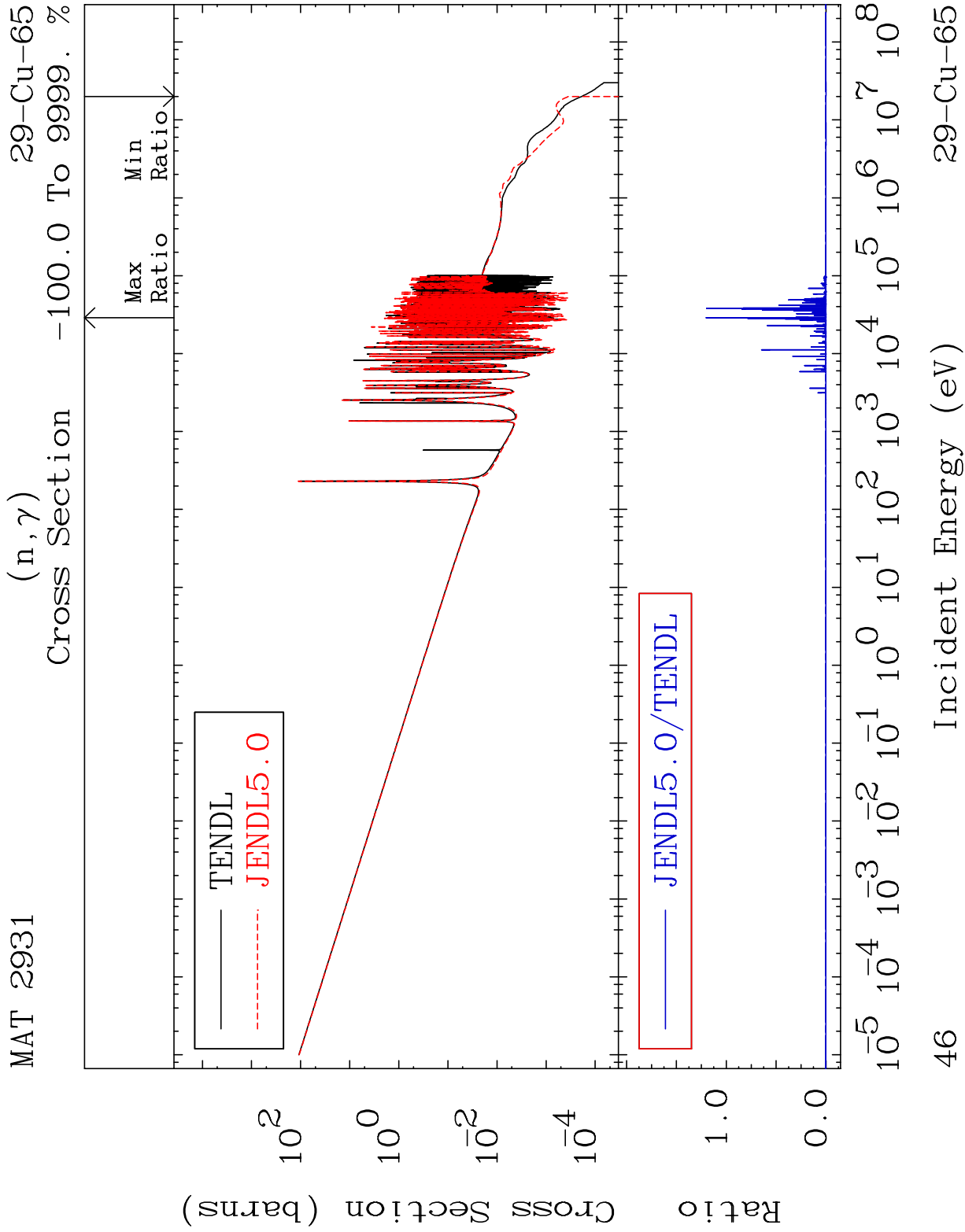
MAT 2931 MT= 79 (n,n') Level 29-Cu-65
Cross Section -100.0 To 6385. %

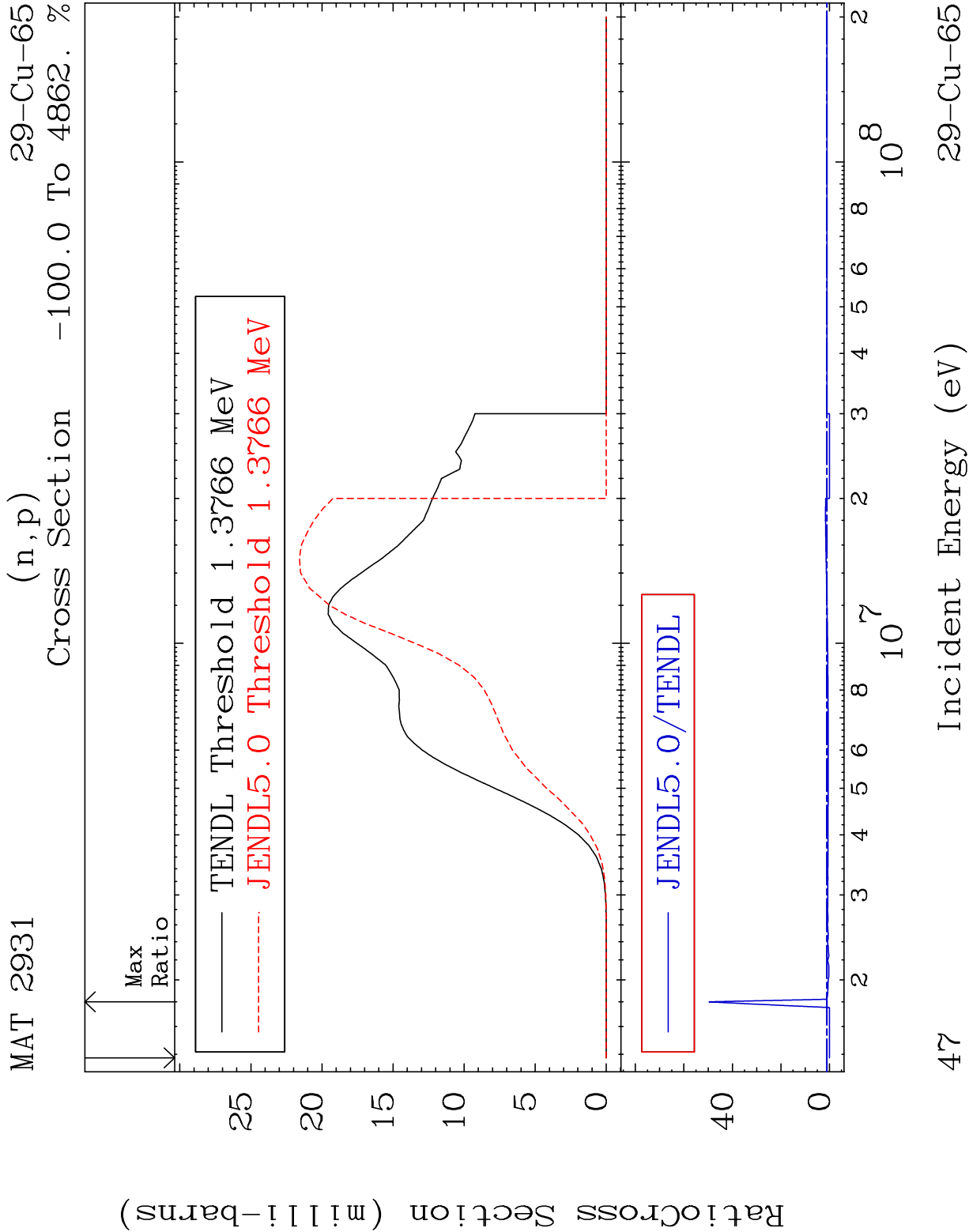


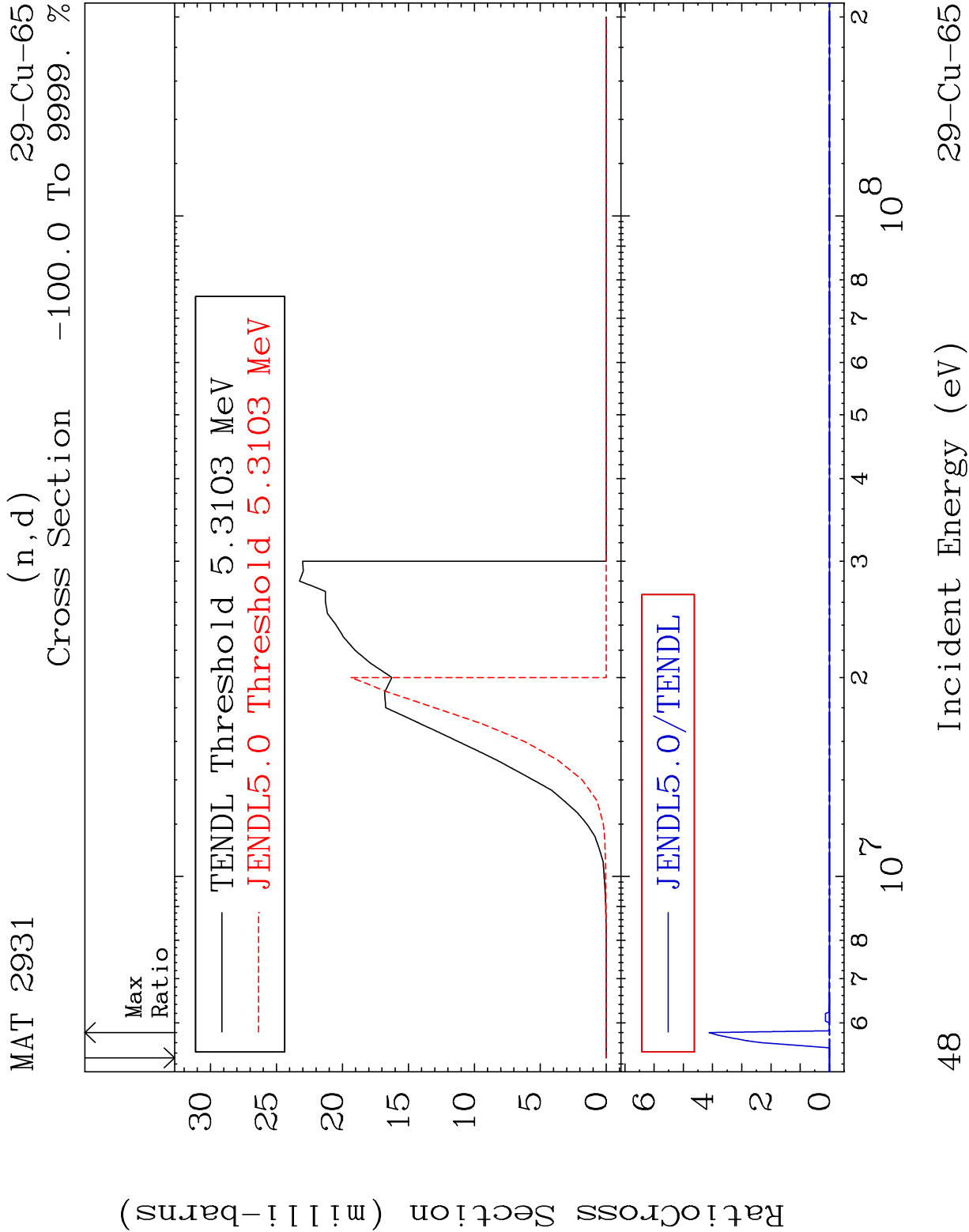
MAT 2931 MT= 80 (n,n') Level 29-Cu-65
Cross Section -100.0 To 1526. %

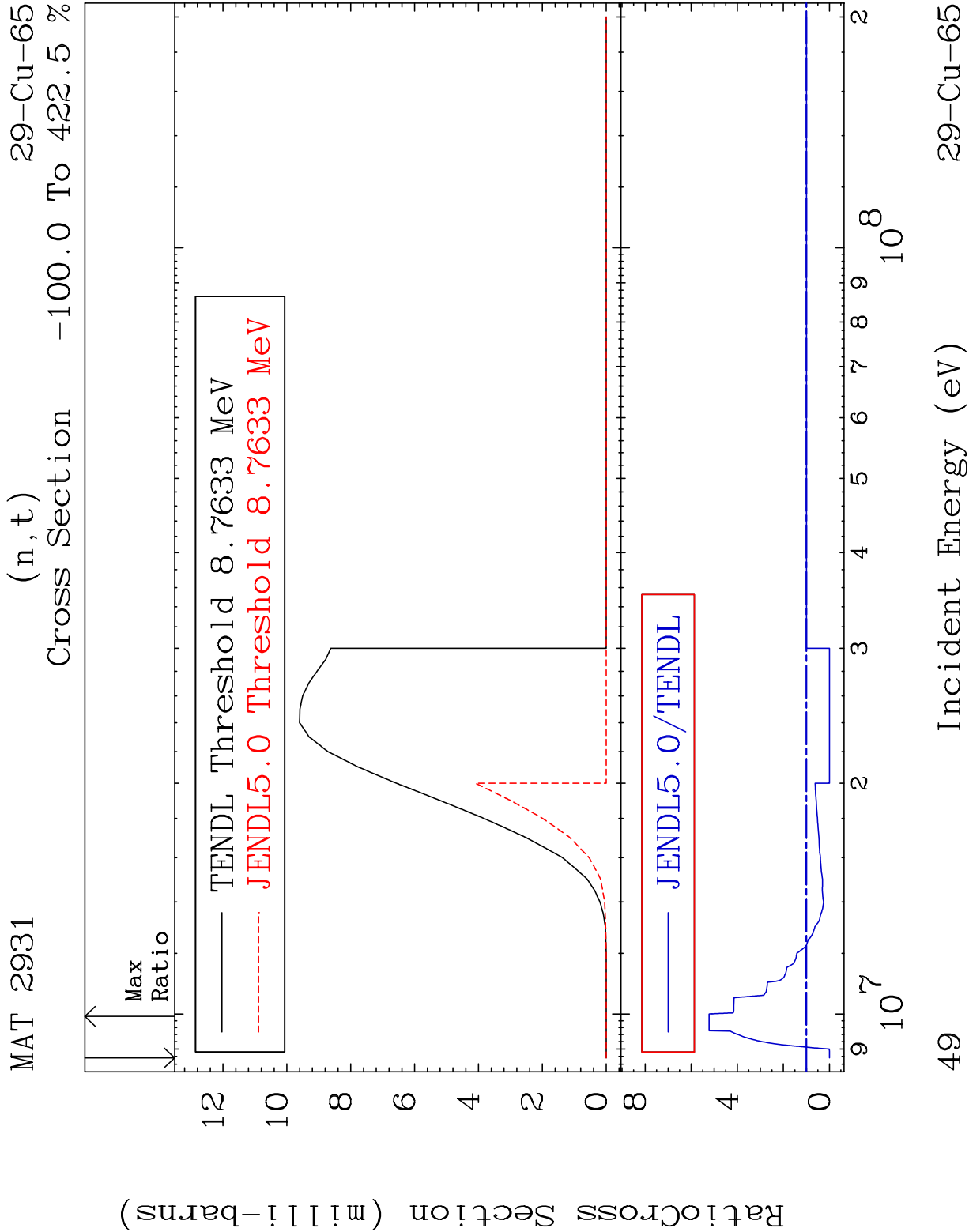


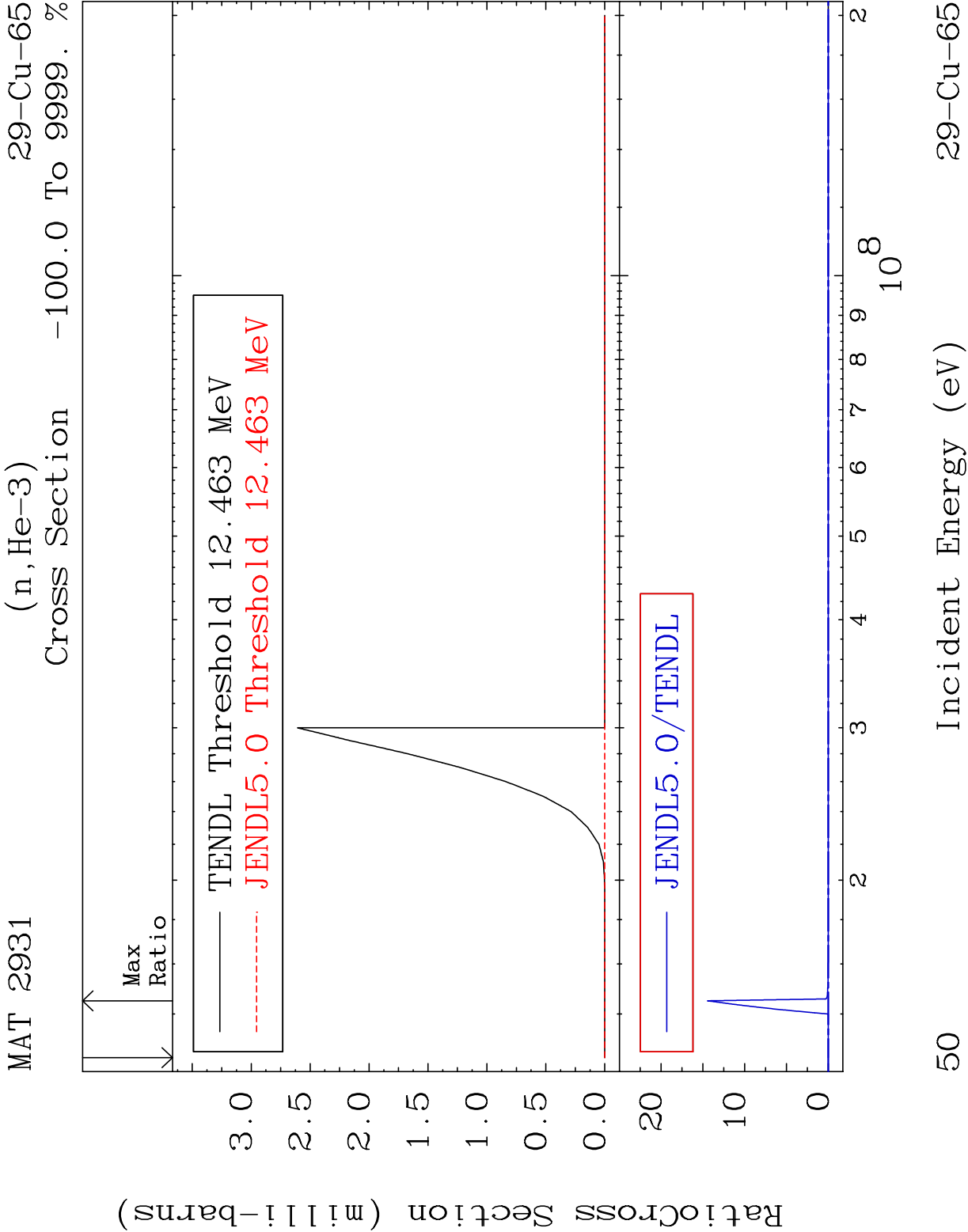


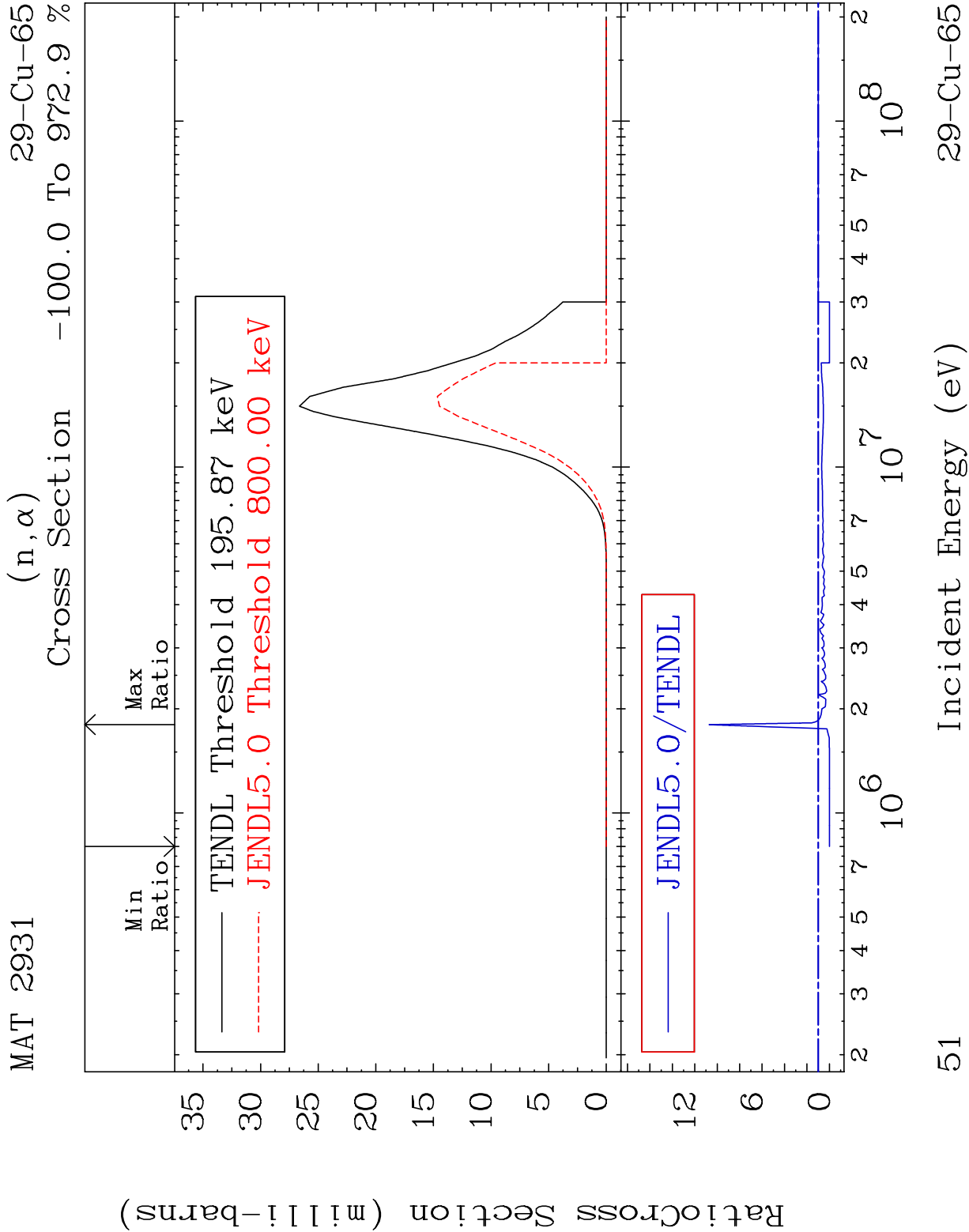


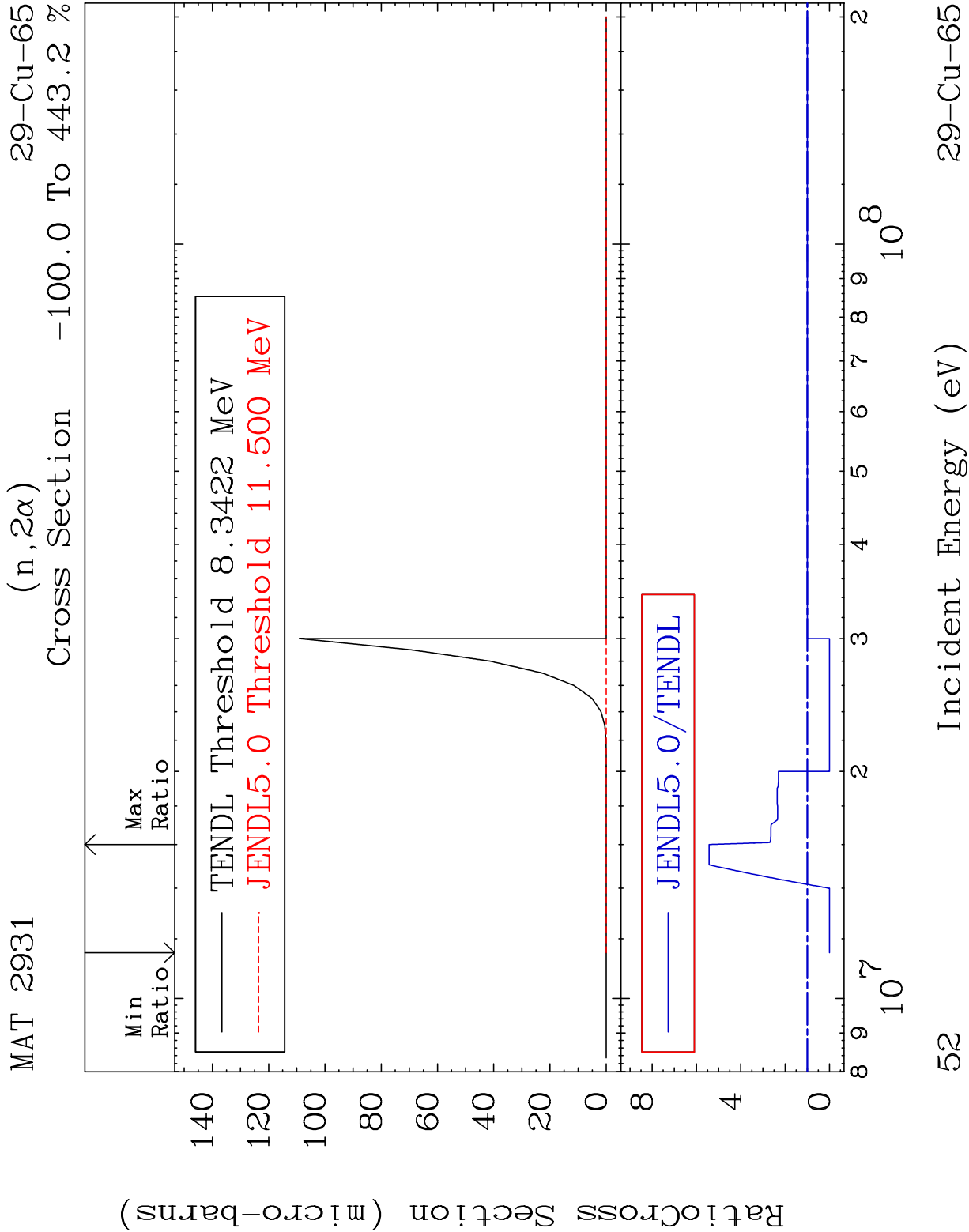


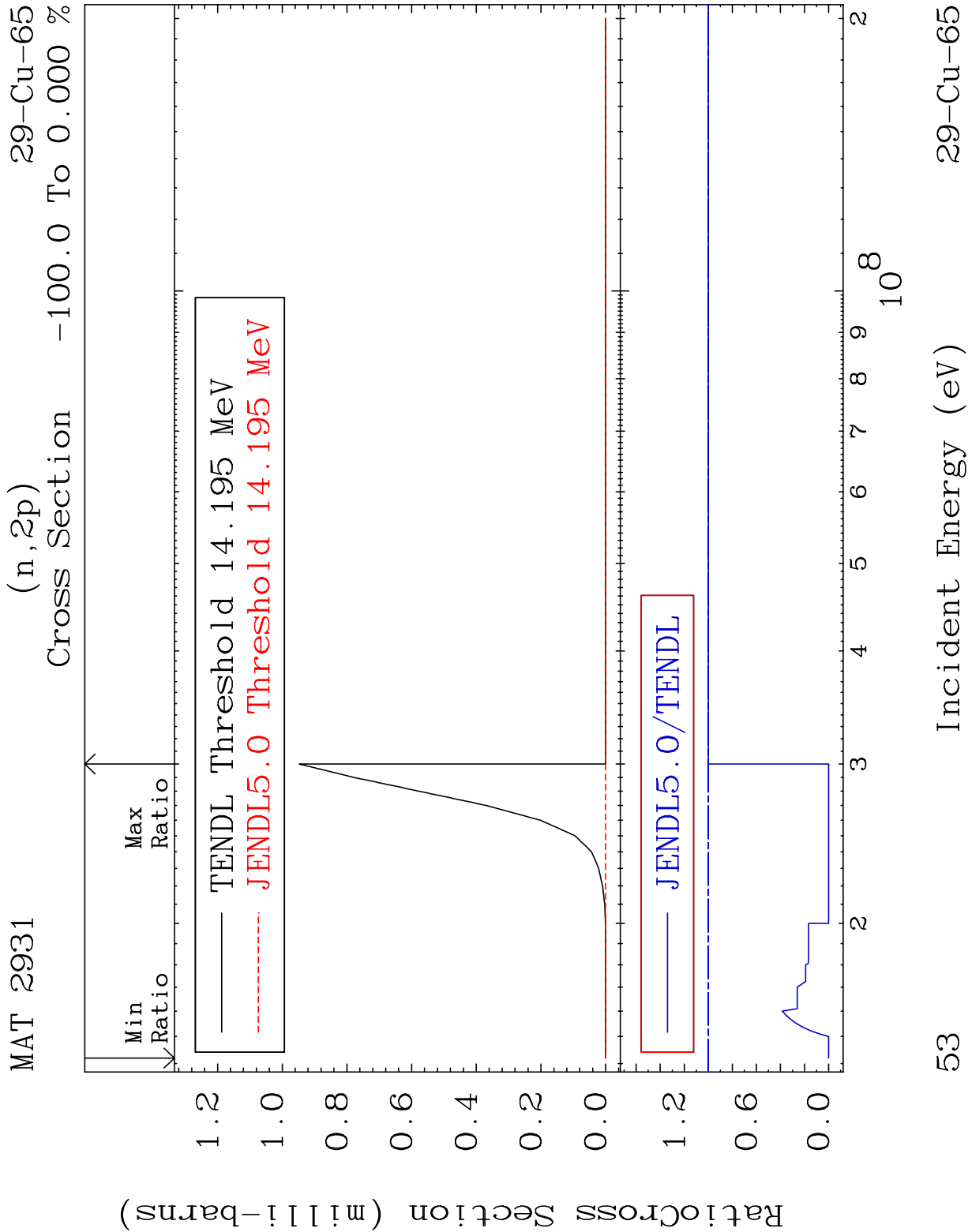


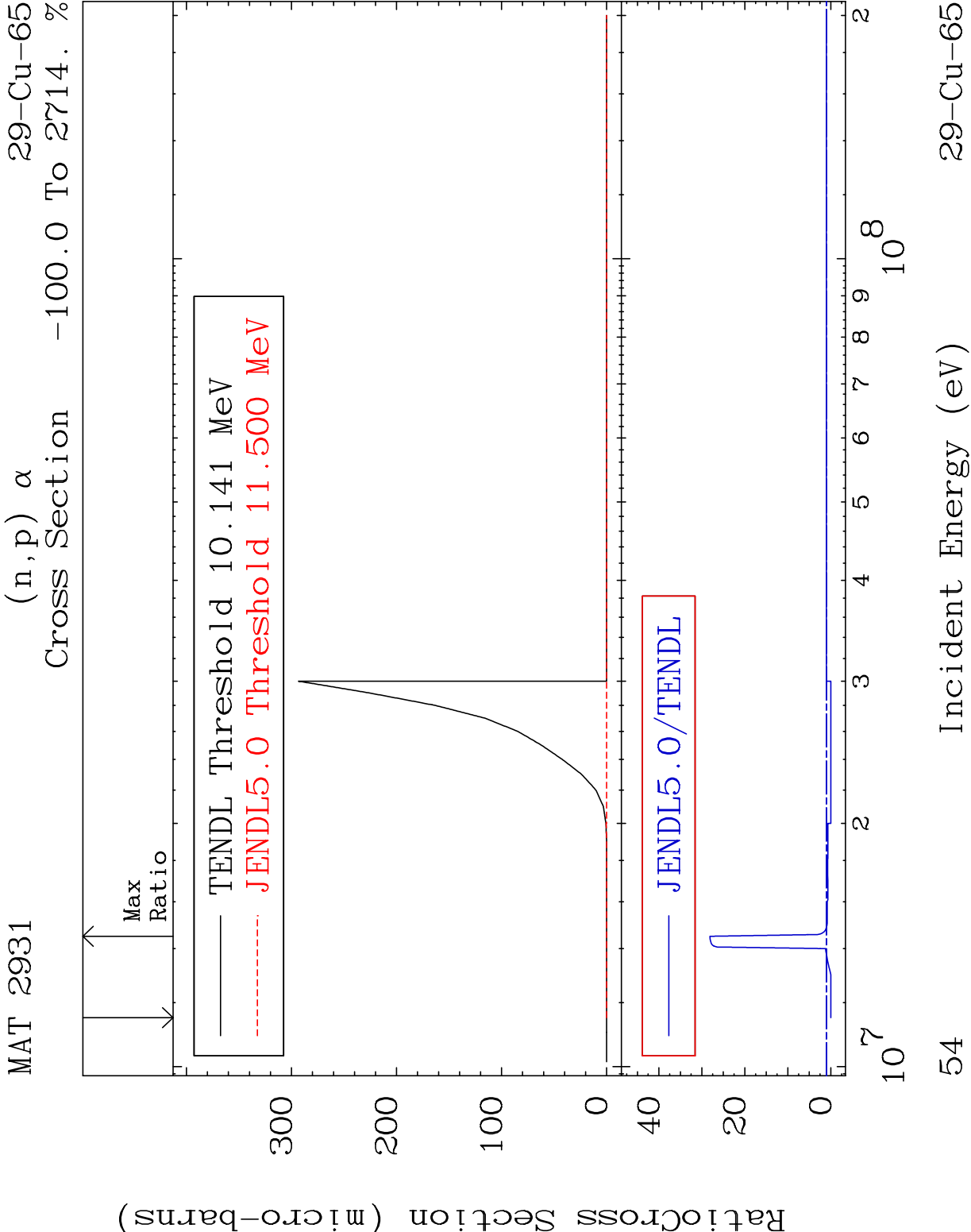


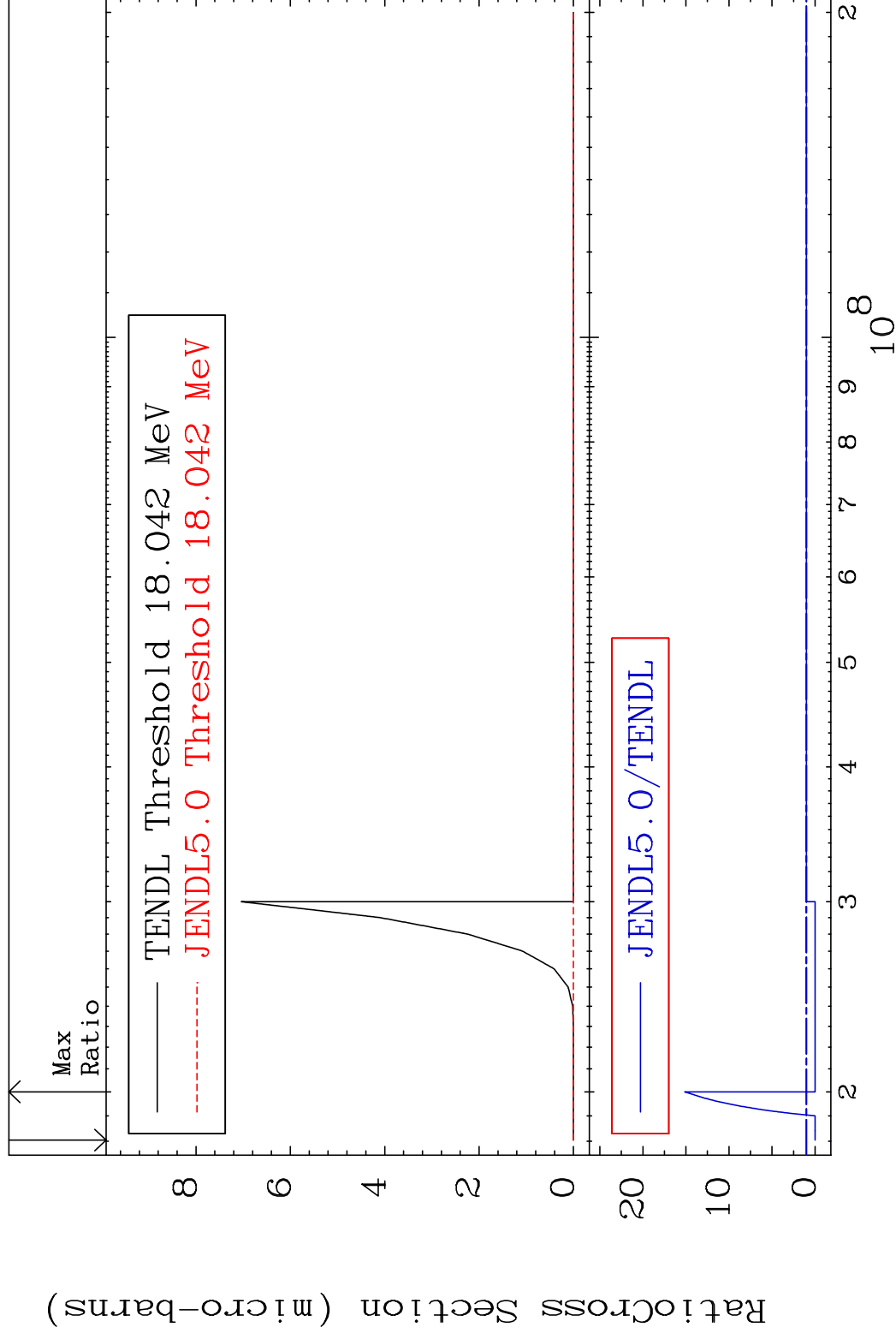


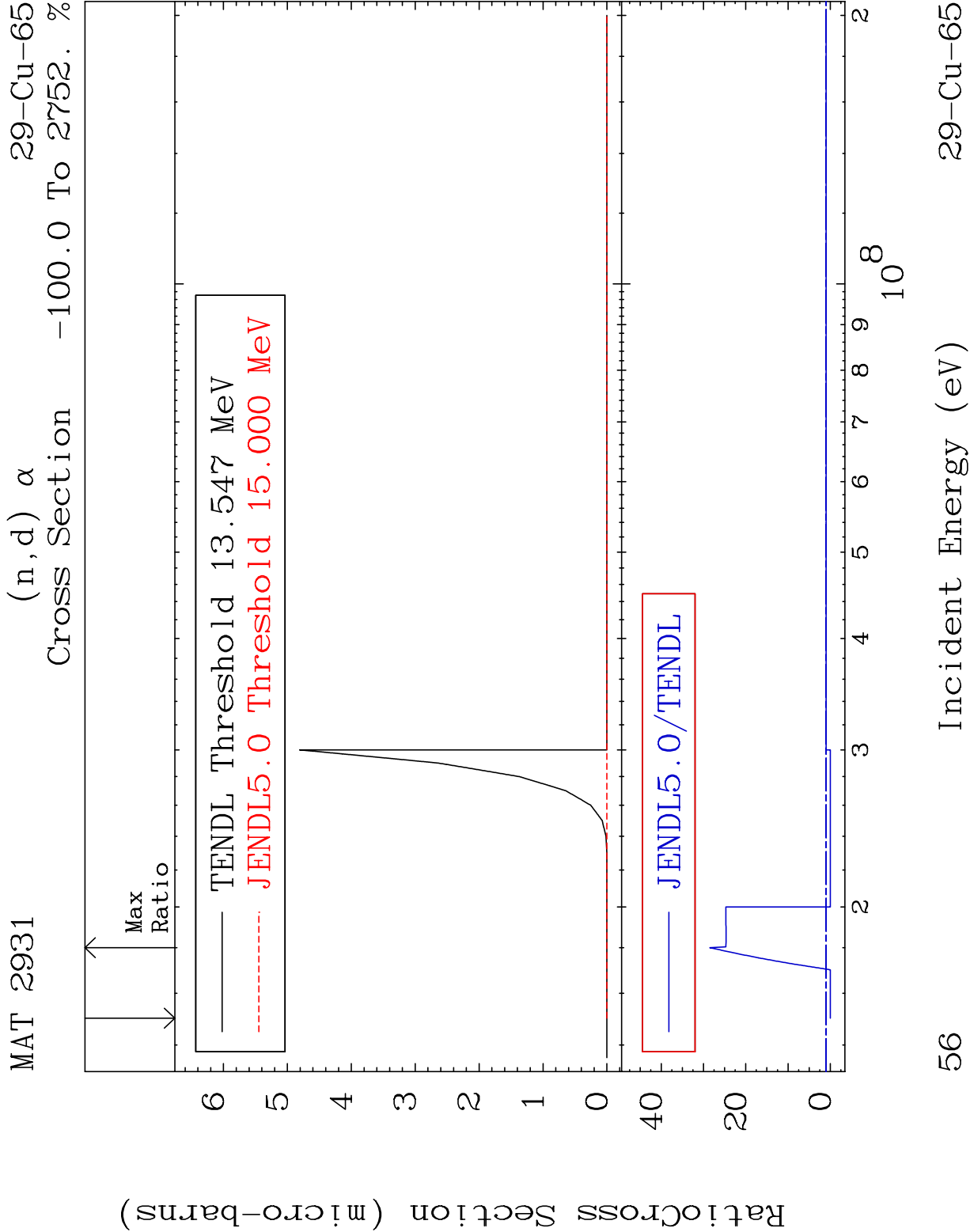


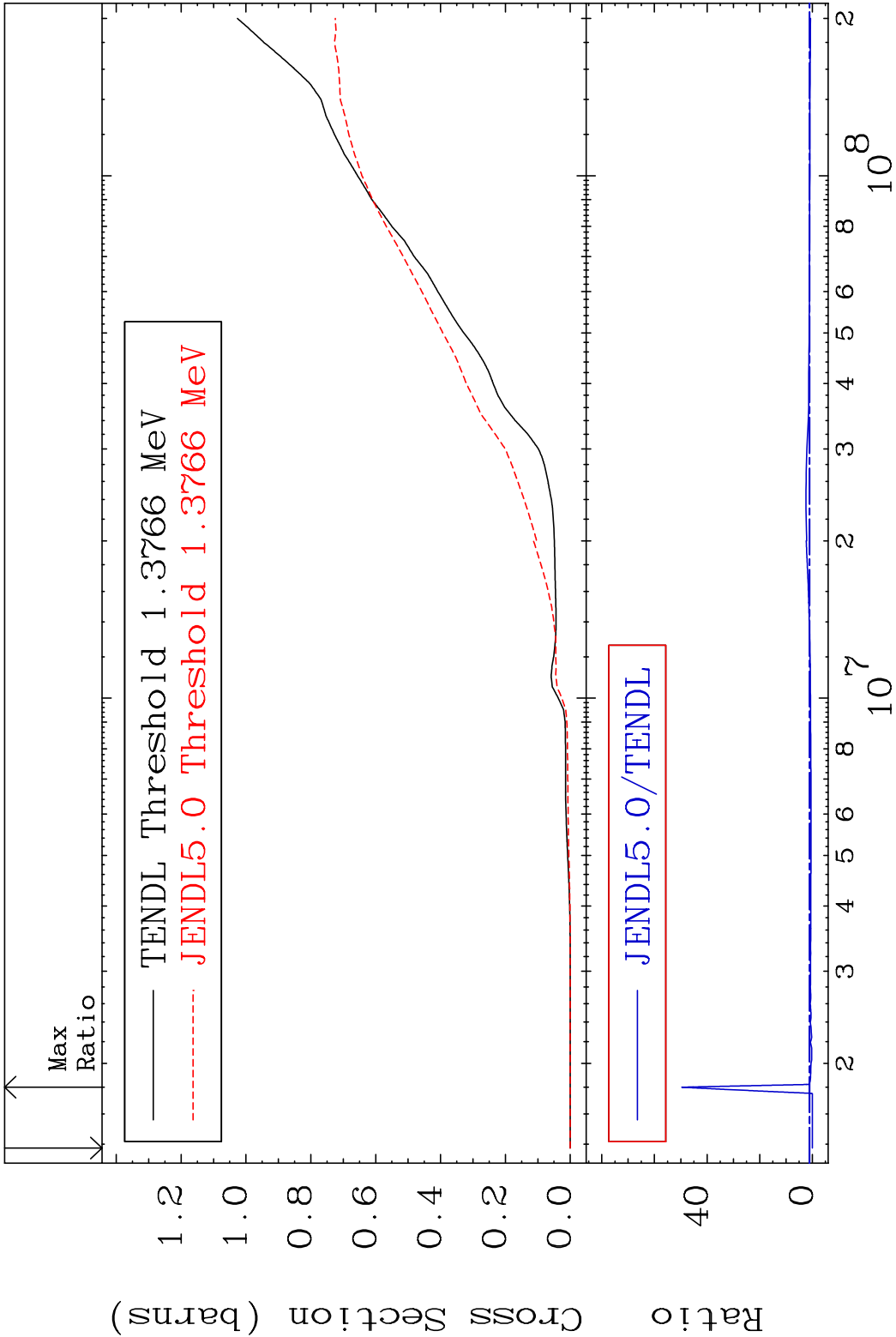


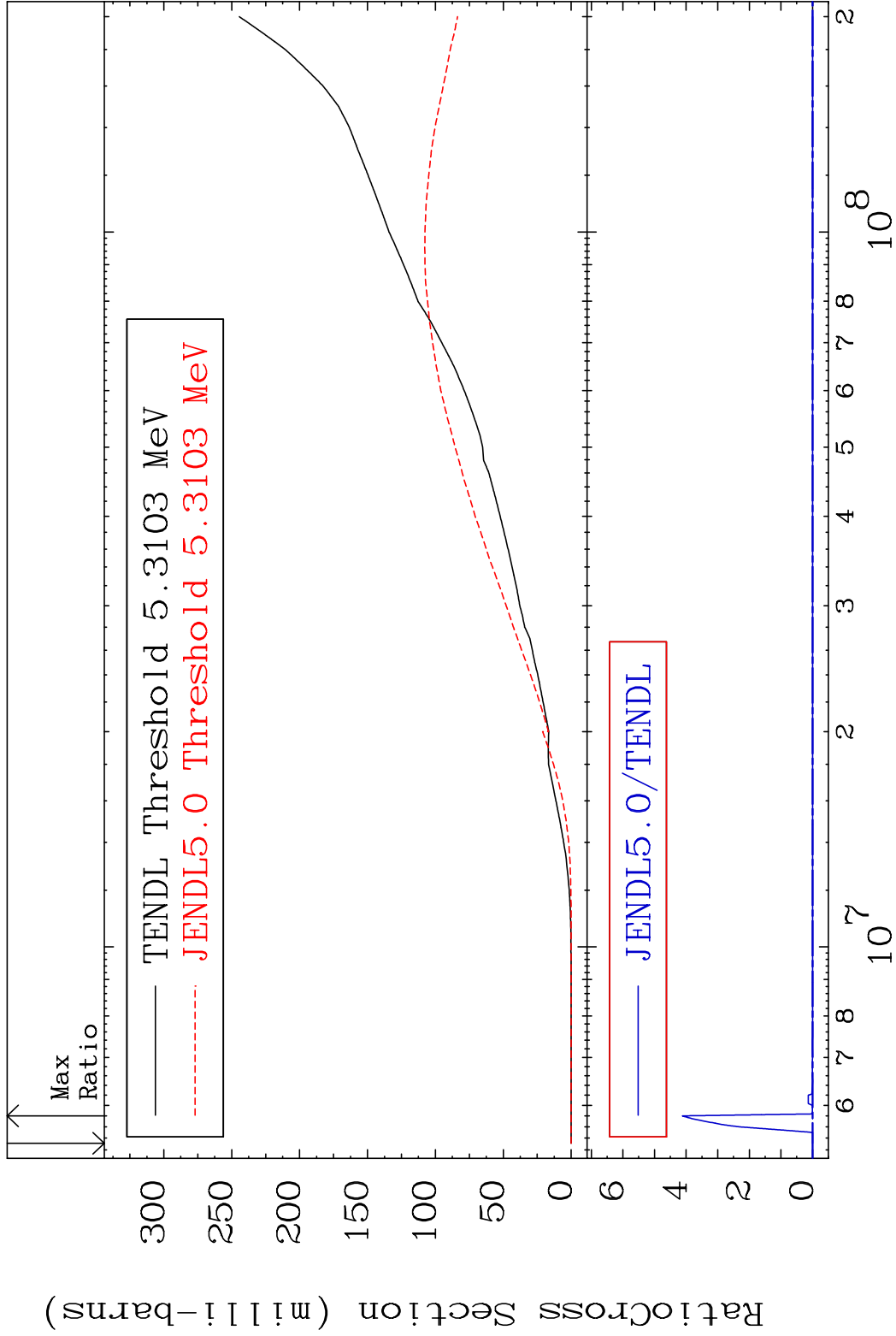




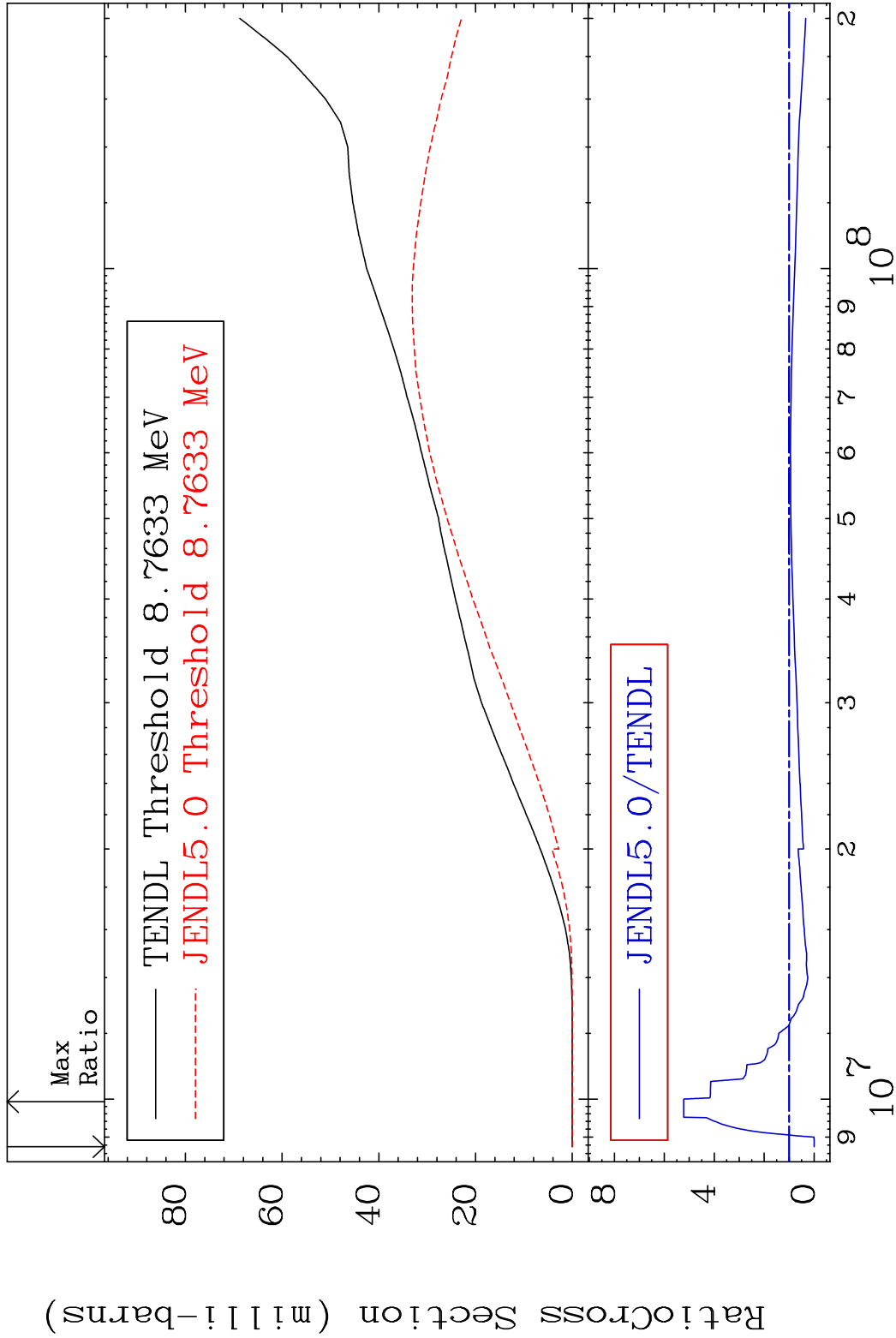




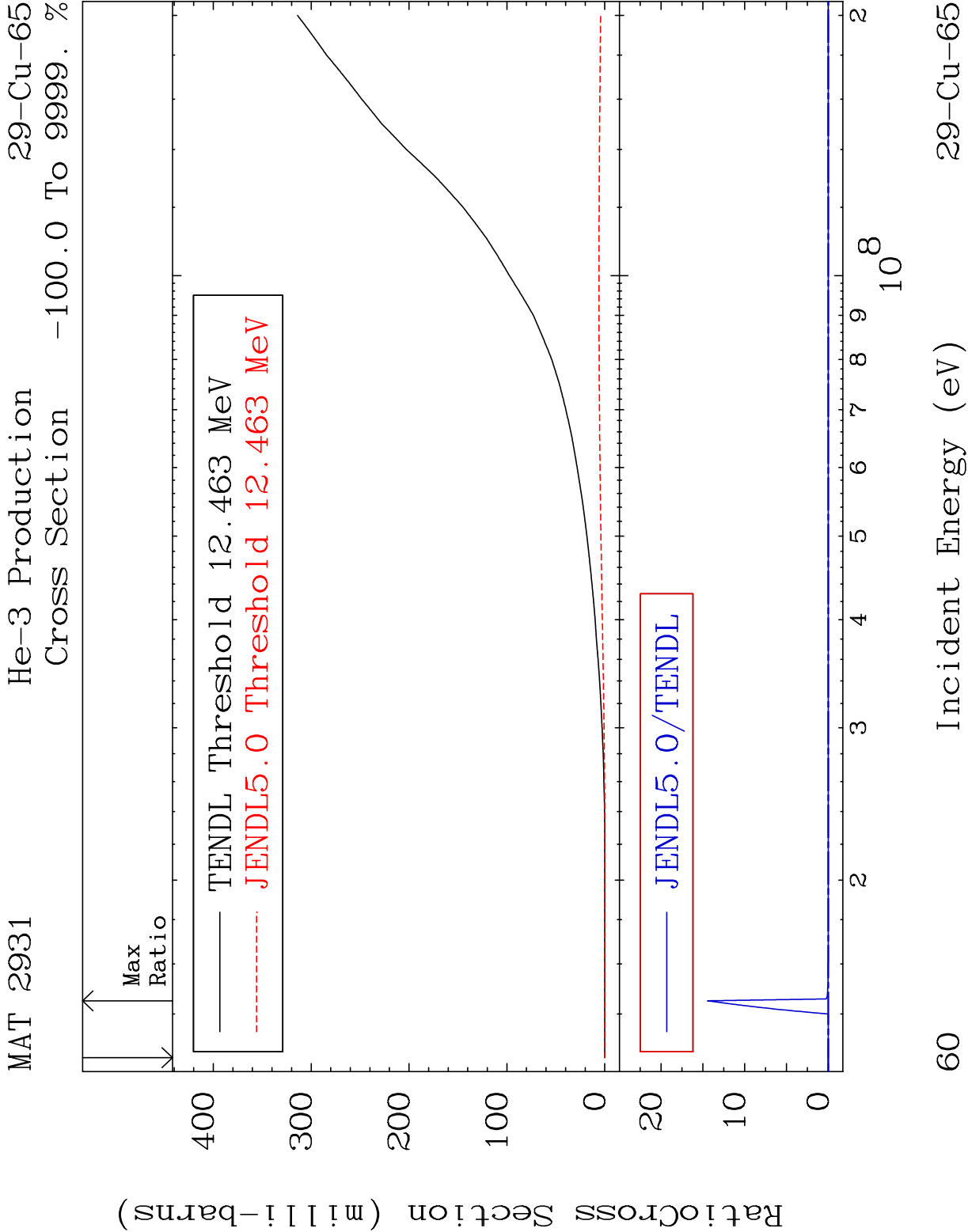




MAT 2931 Tritium Production 29-Cu-65
Cross Section -100.0 To 422.5 %



59 Incident Energy (eV) 29-Cu-65

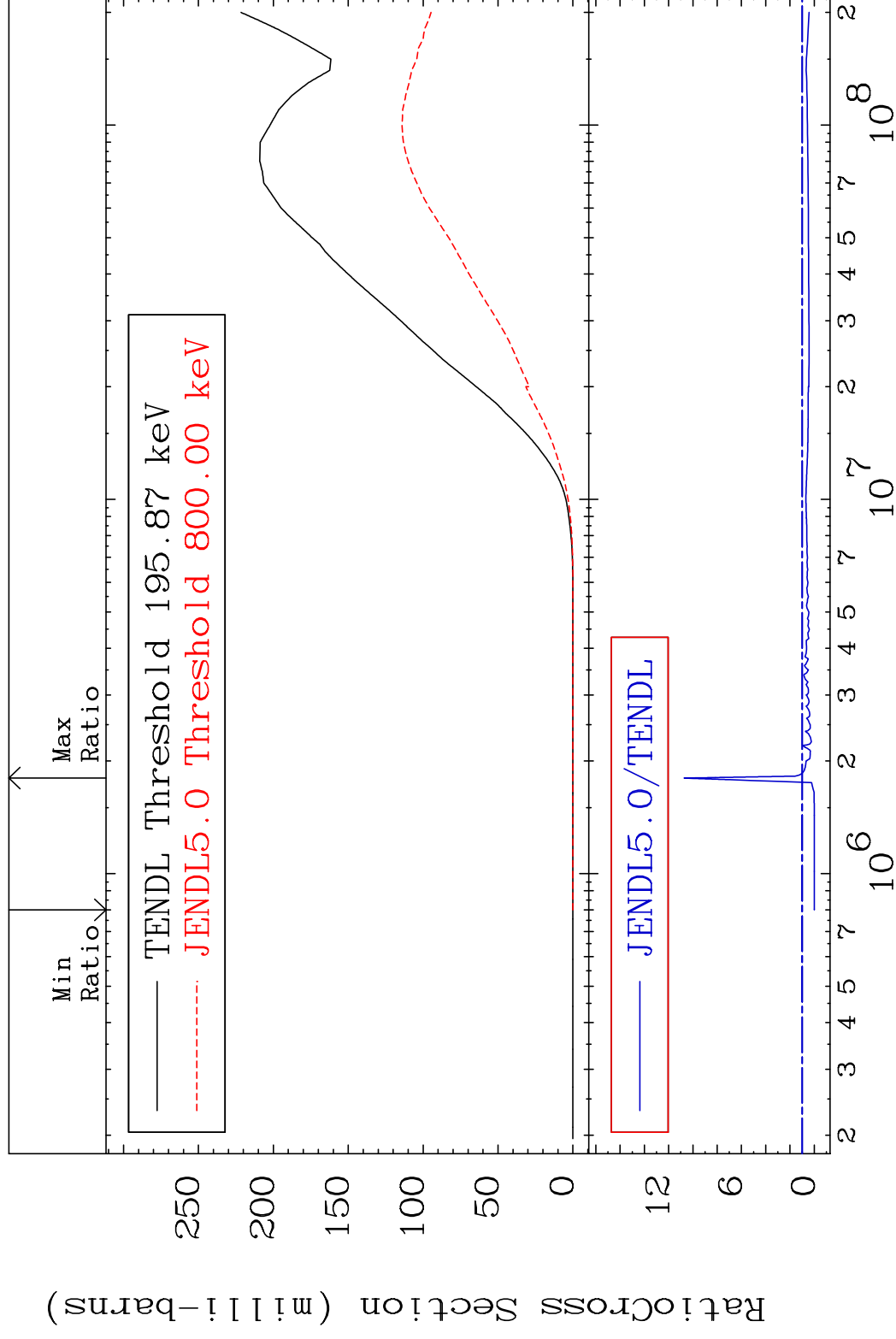


MAT 2931

He-4 Production

29-Cu-65

Cross Section	-100.0 To 972.9 %



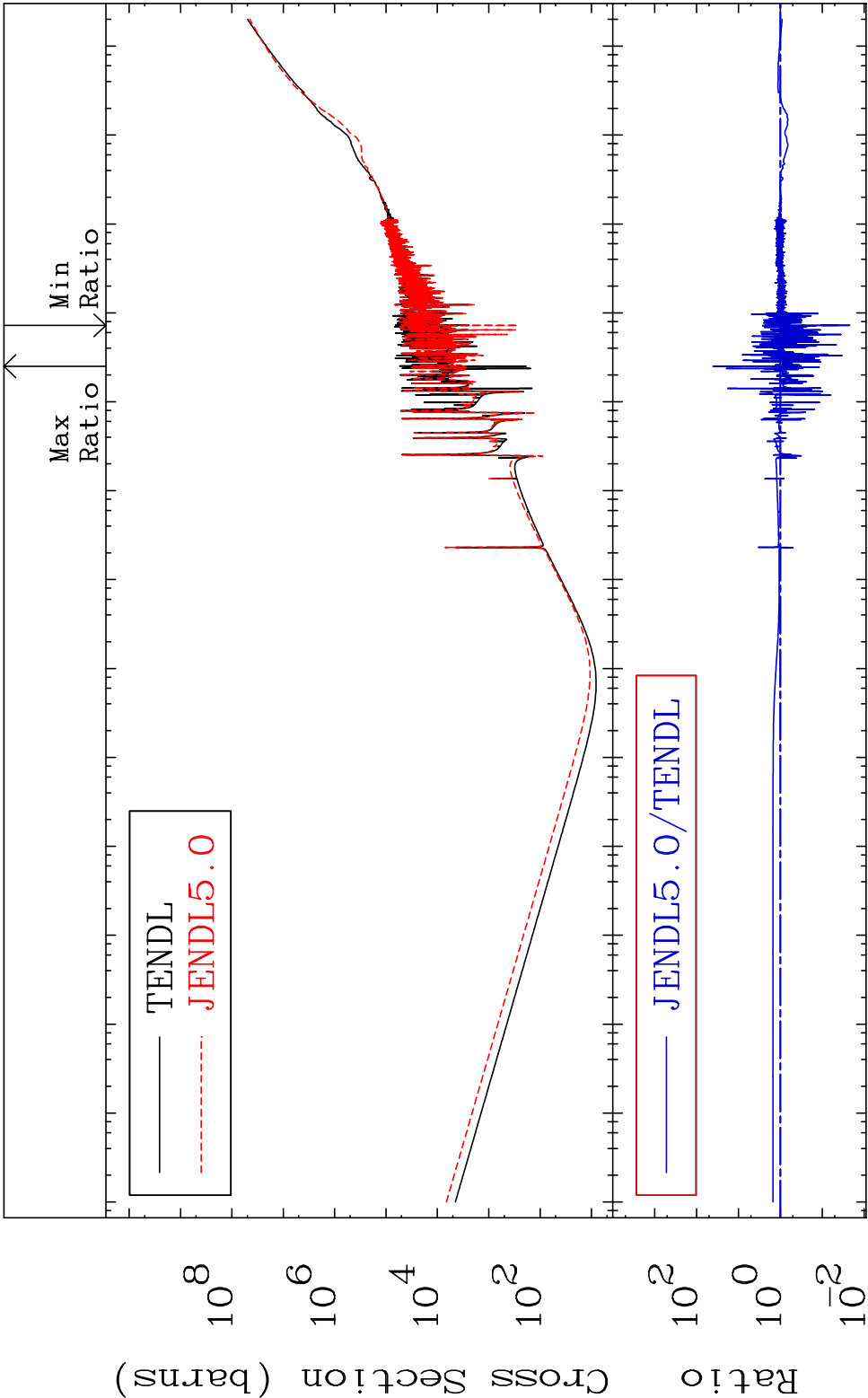
MAT 2931

Kerma total (eV-barns)

29-Cu-65

Cross Section

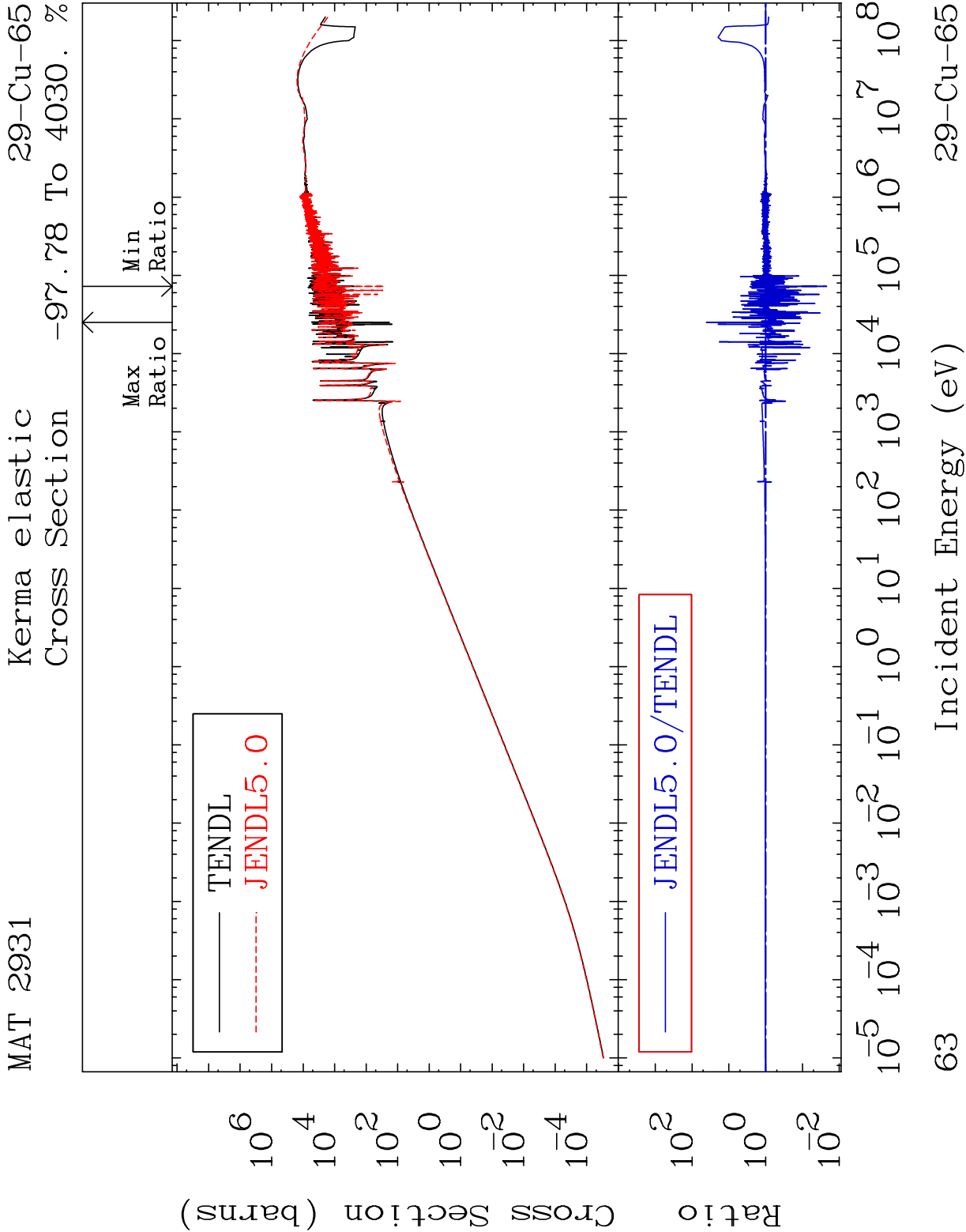
-97.77 To 3981. %



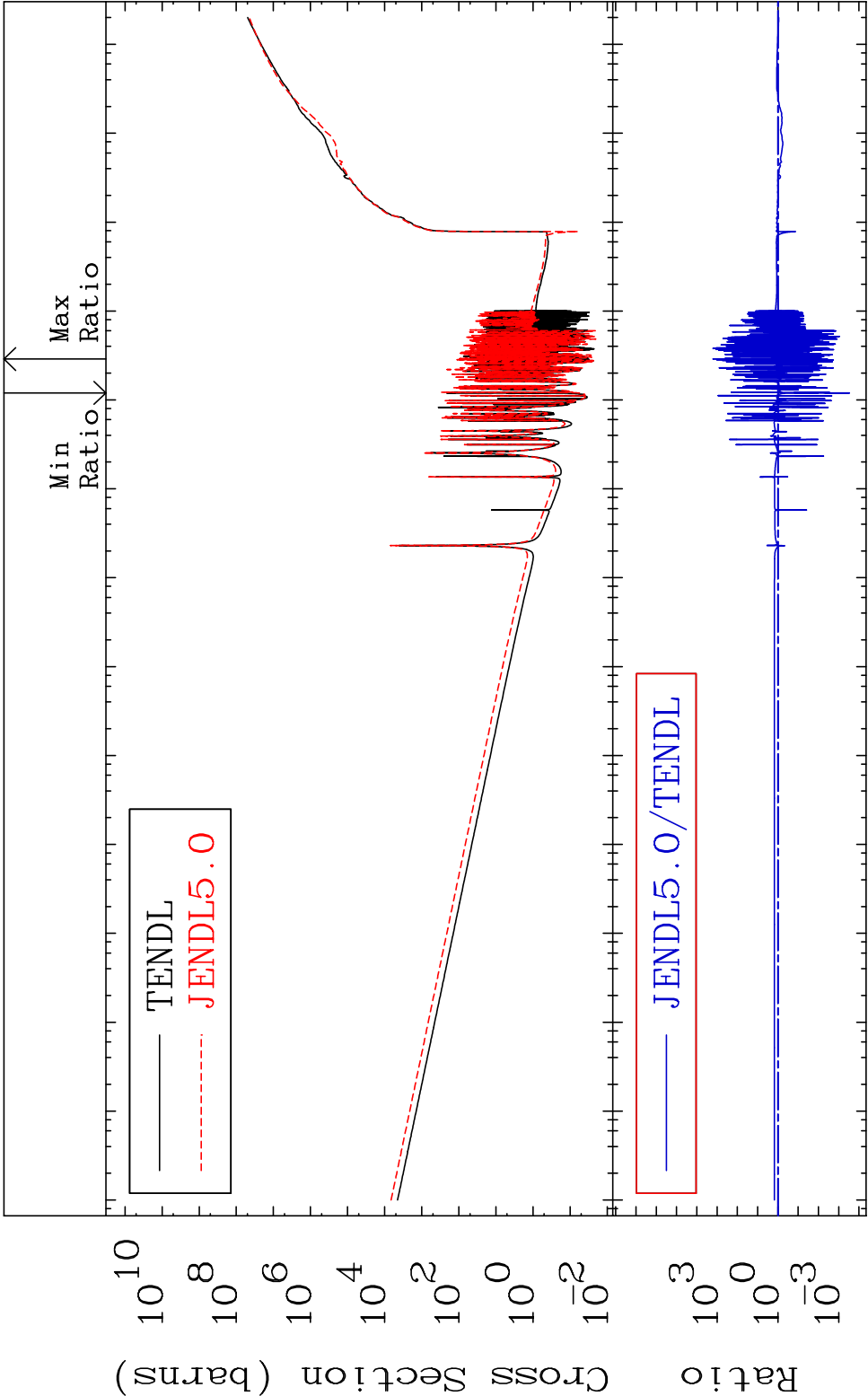
62

Incident Energy (eV)

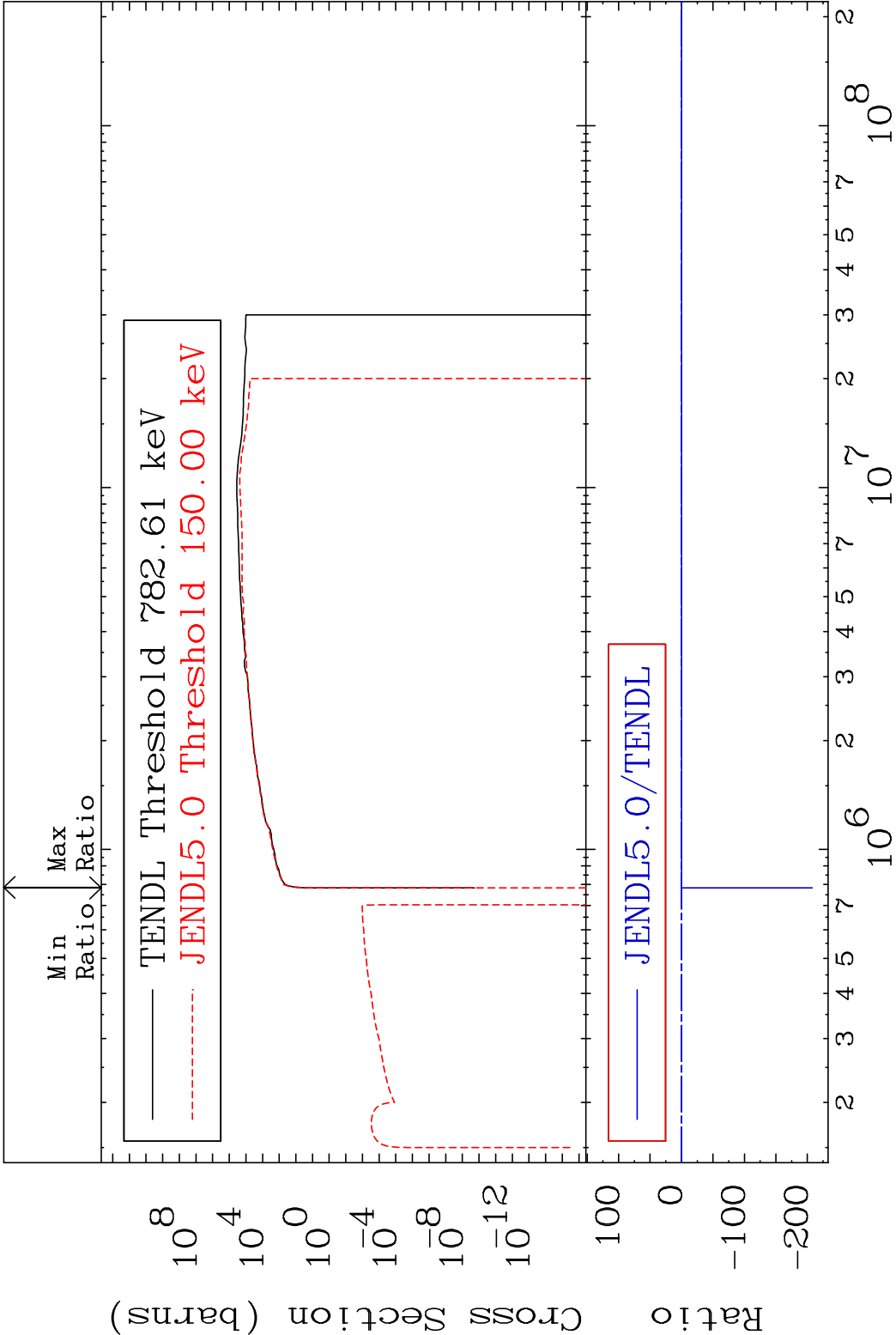
29-Cu-65



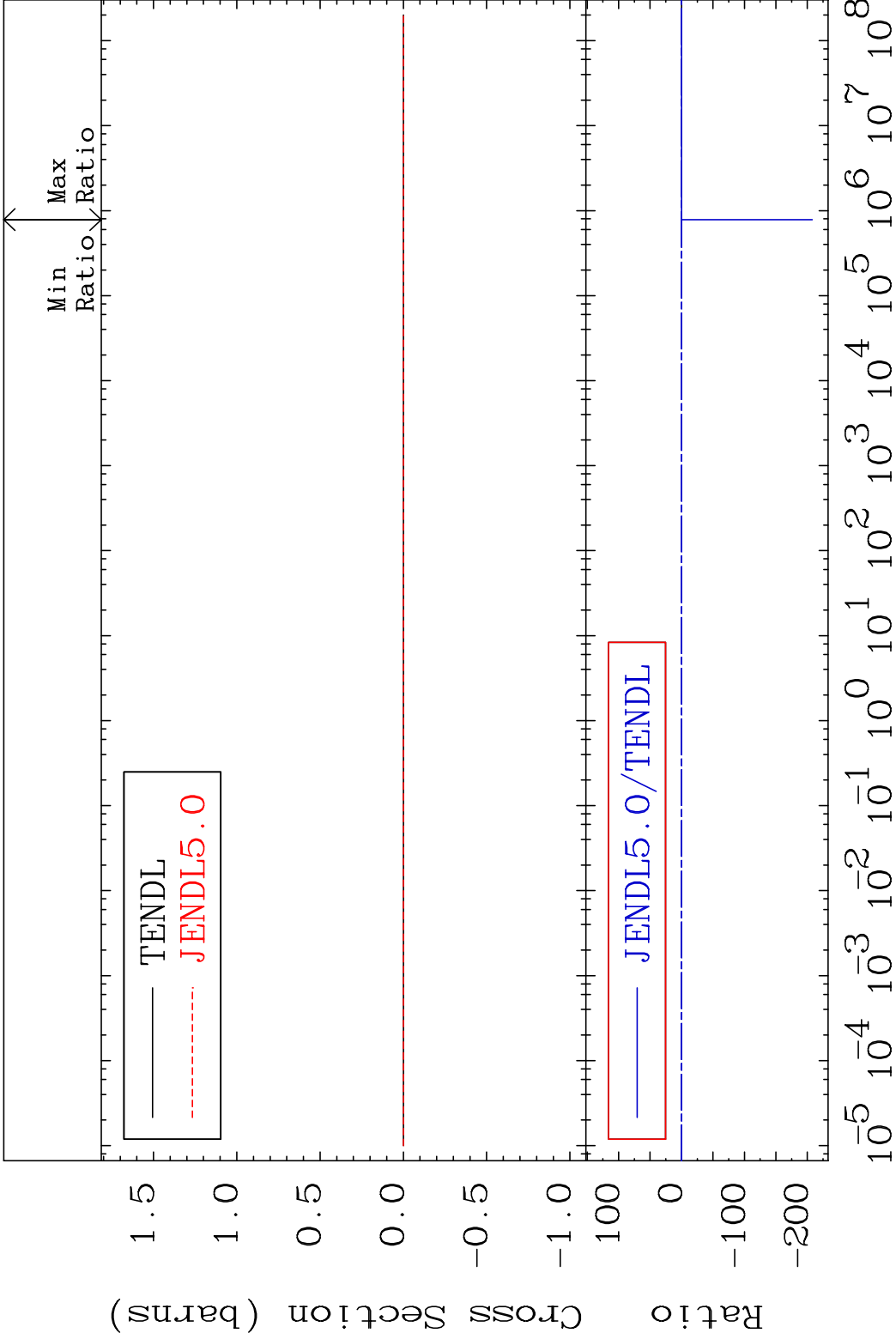
MAT 2931 Kerma non-elastic (all but mt2) 29-Cu-65
Cross Section -99.97 To 9999. %

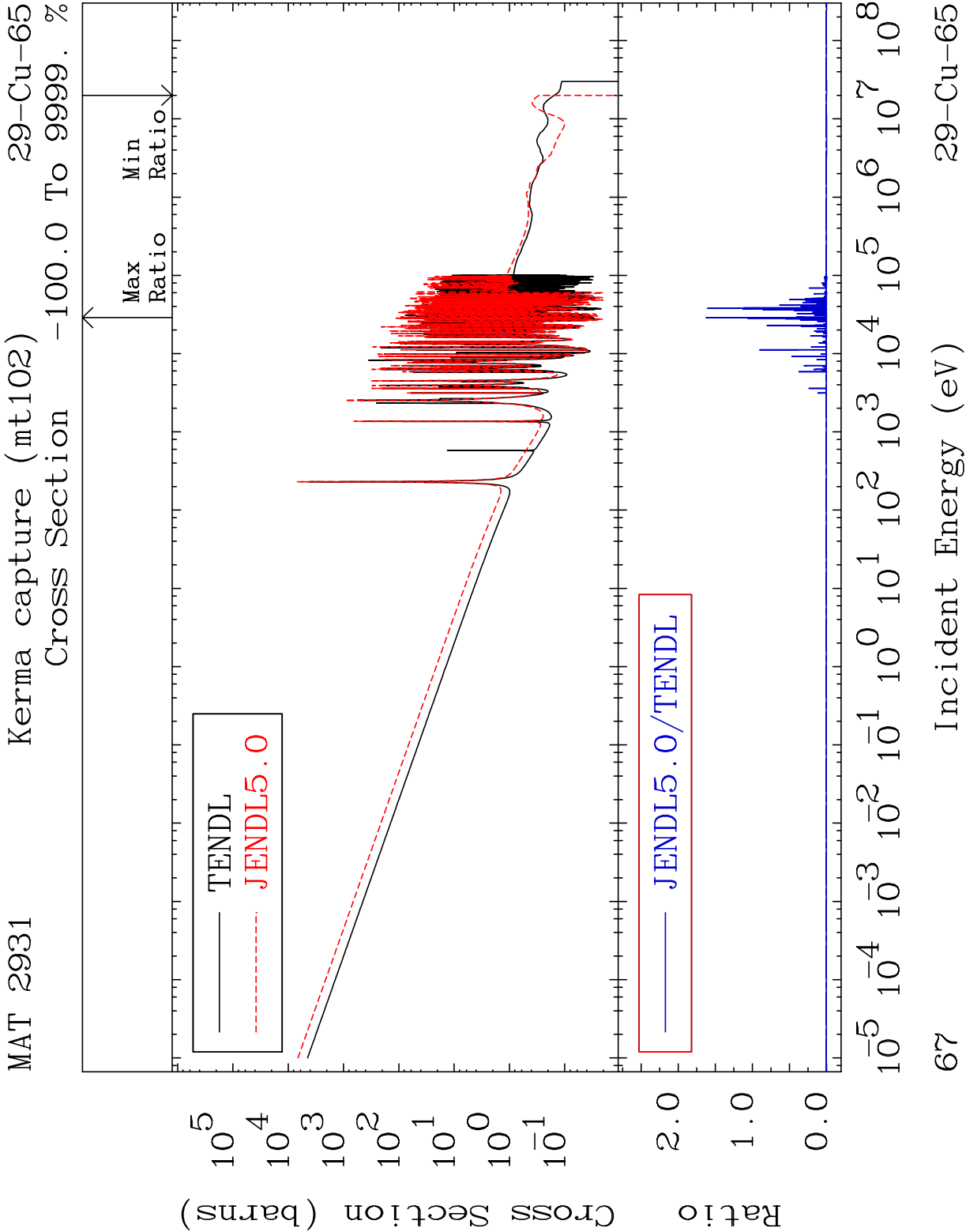


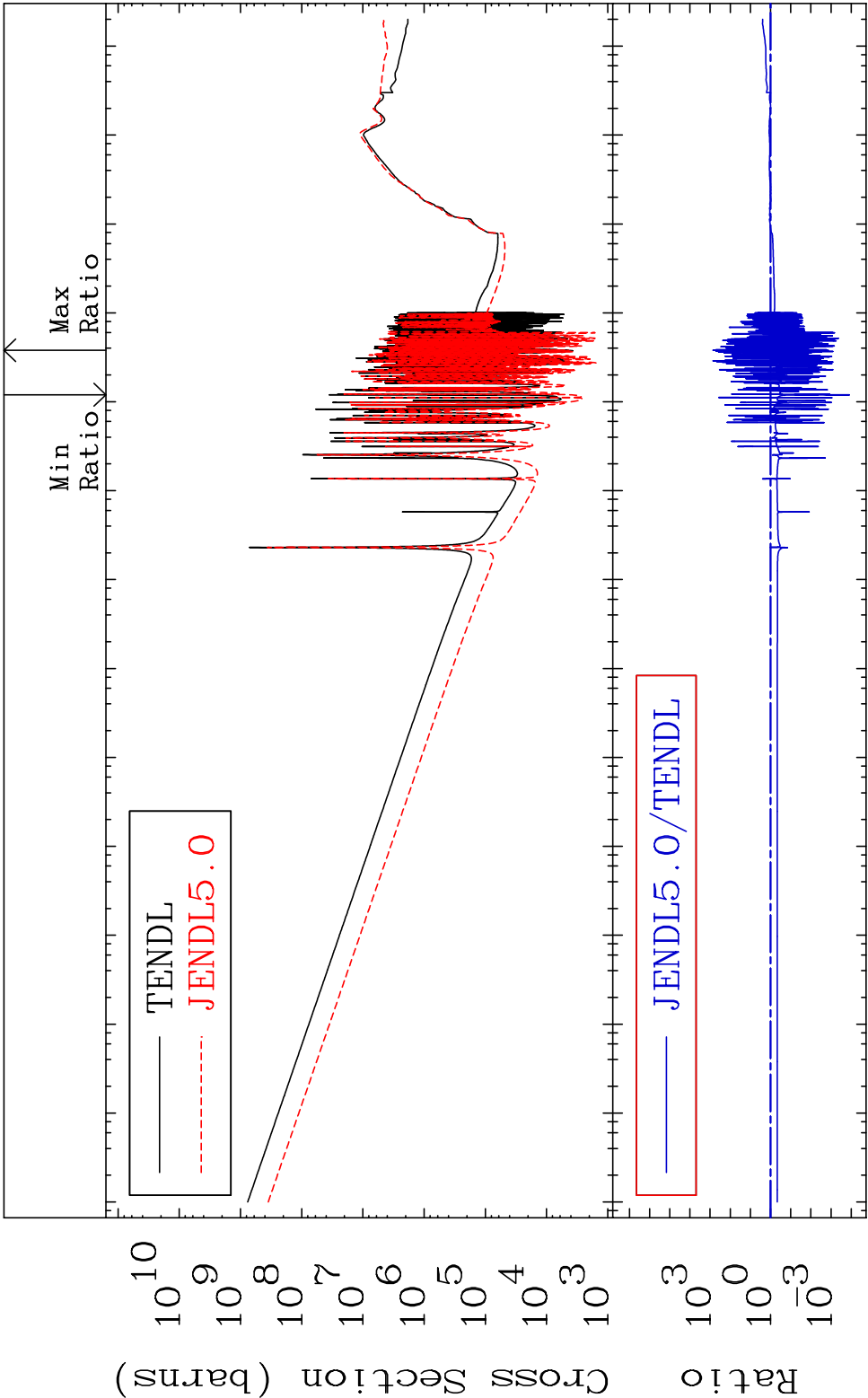
64 Incident Energy (eV) 29-Cu-65



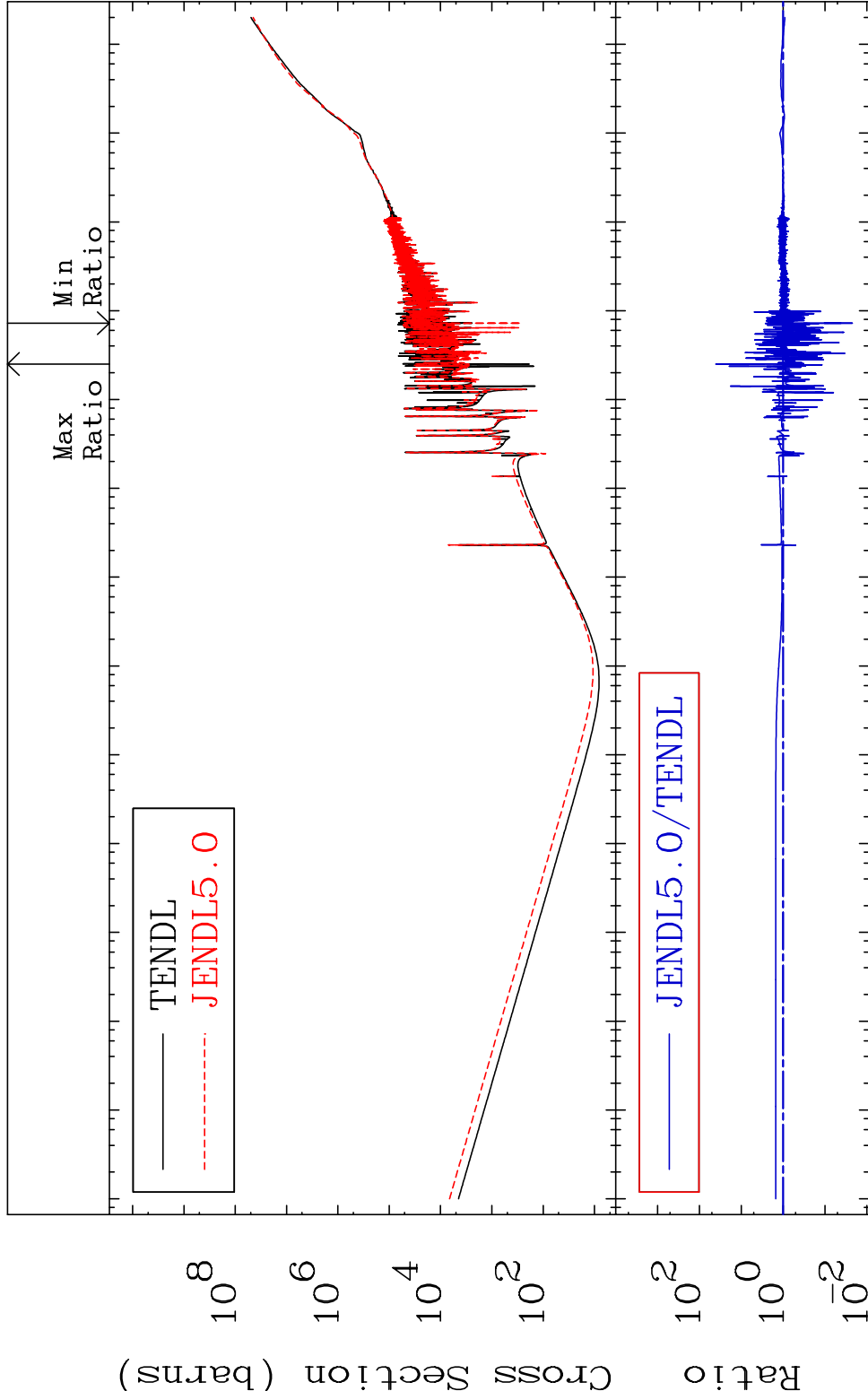
MAT 2931 Kerma fission (mt18 or mt19-20-21-38) 29-Cu-65
Cross Section -9999. To 20.28 %

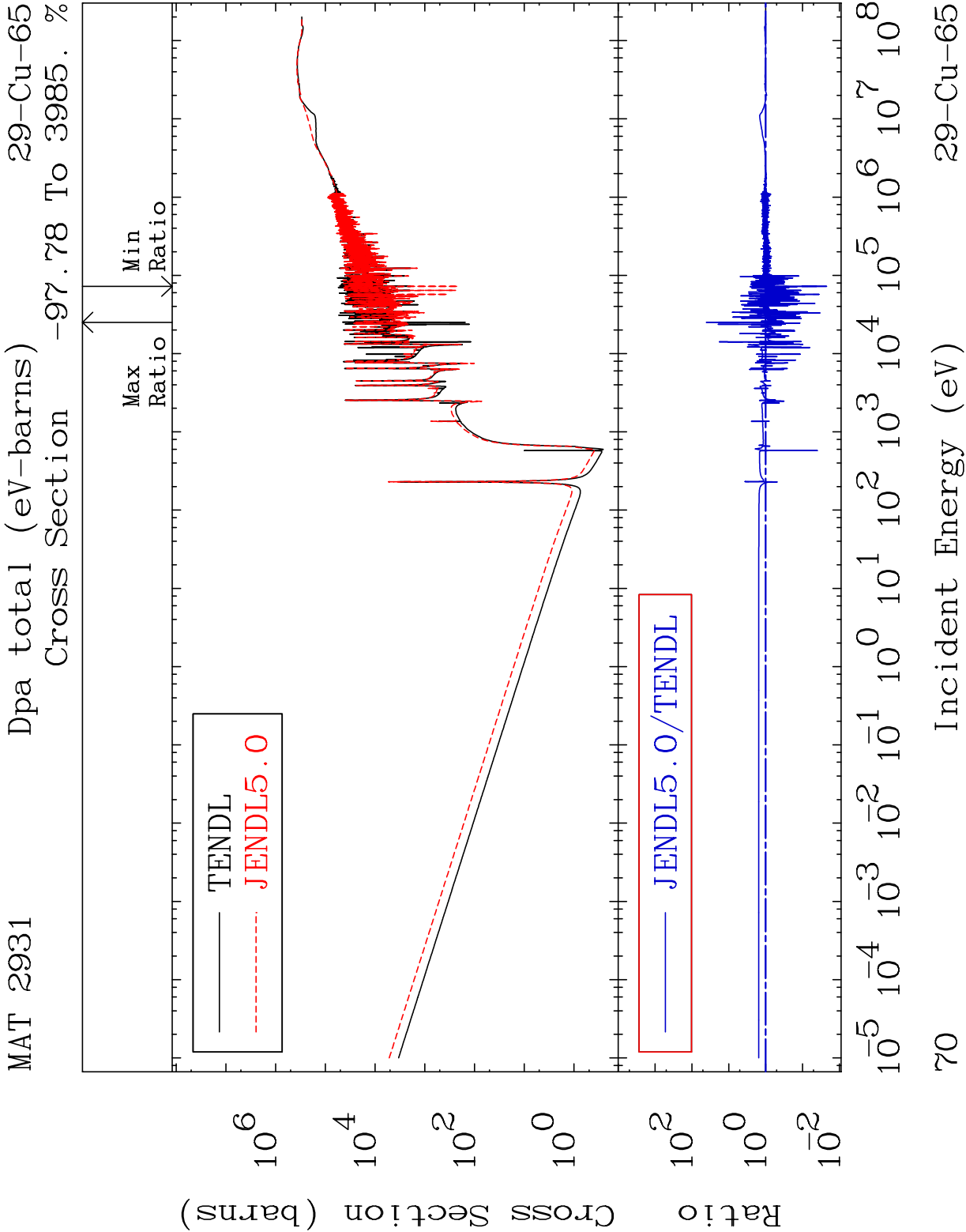




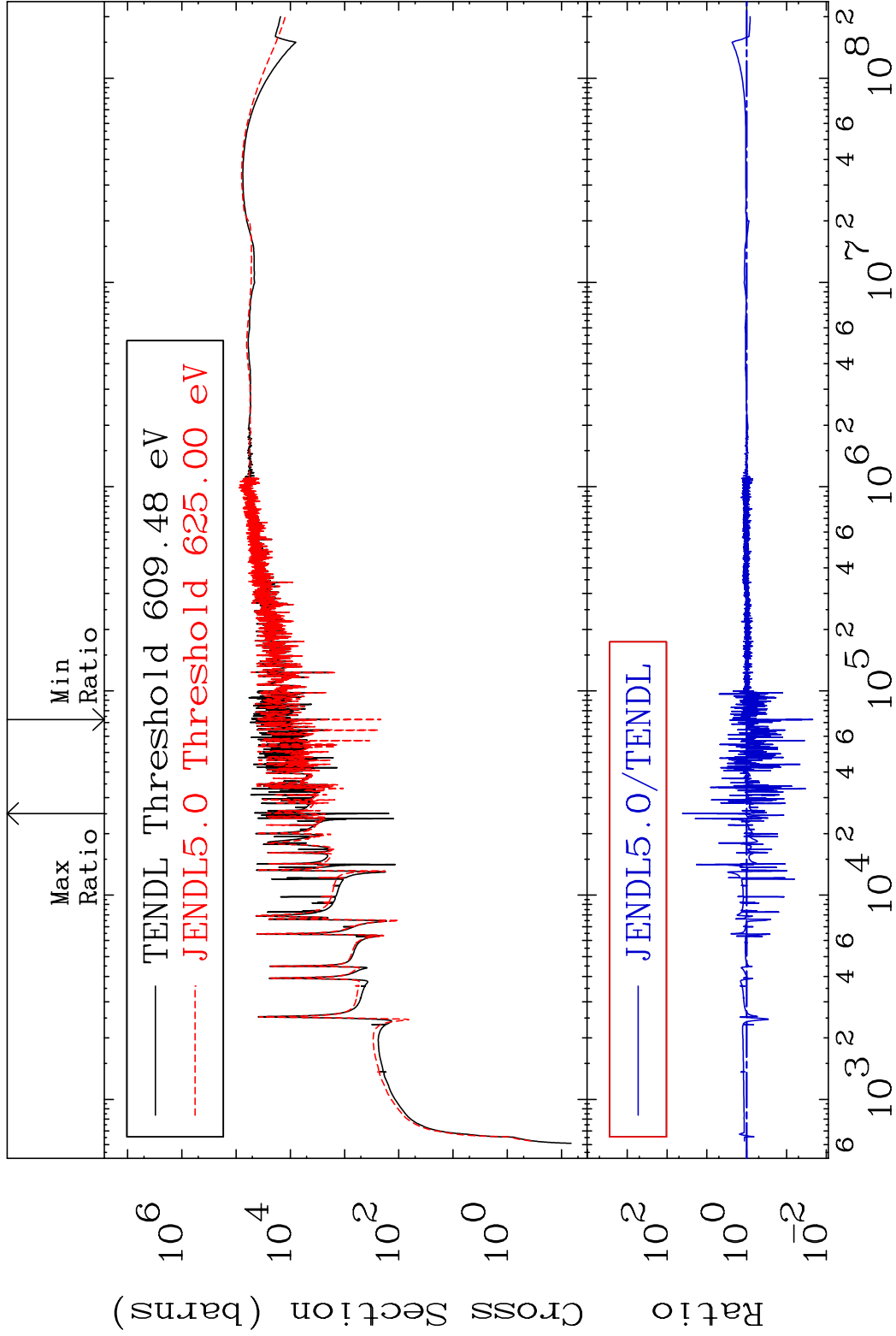


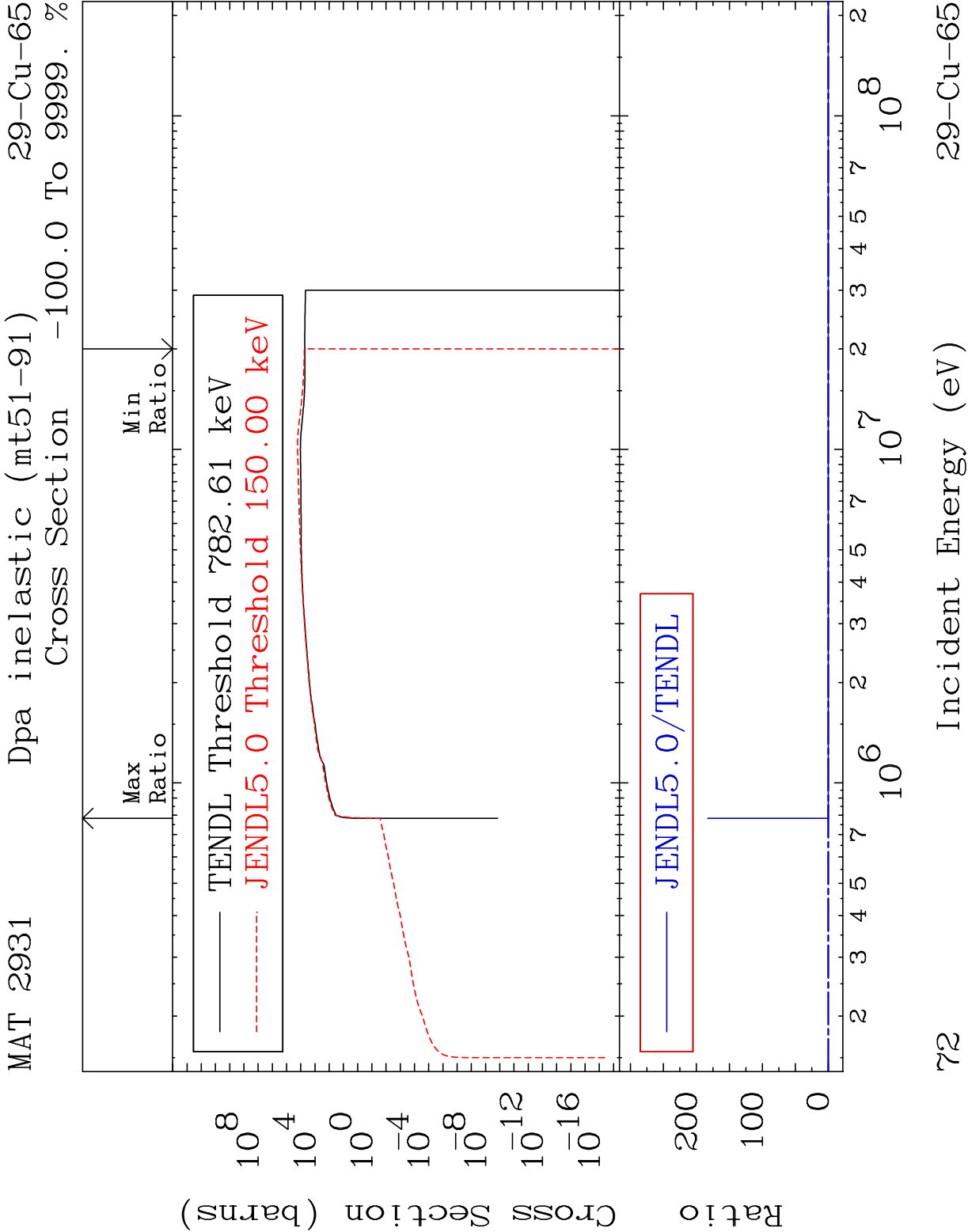
MAT 2931 Total kinematic kerma (high limit) 29-Cu-65
Cross Section -97.77 To 3981. %



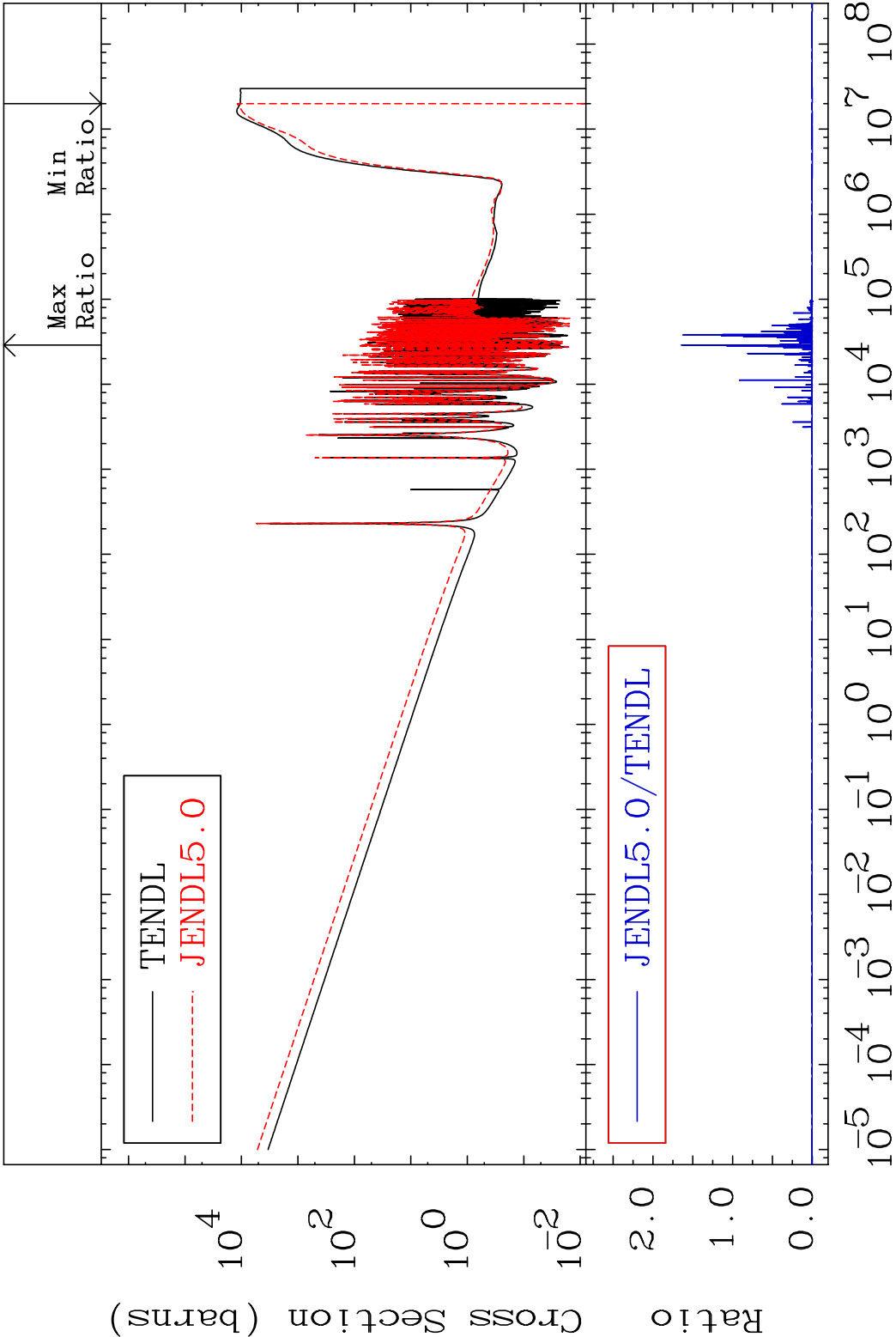


MAT 2931 Dpa elastic (mt2) 29-Cu-65
Cross Section -97.78 To 4029. %

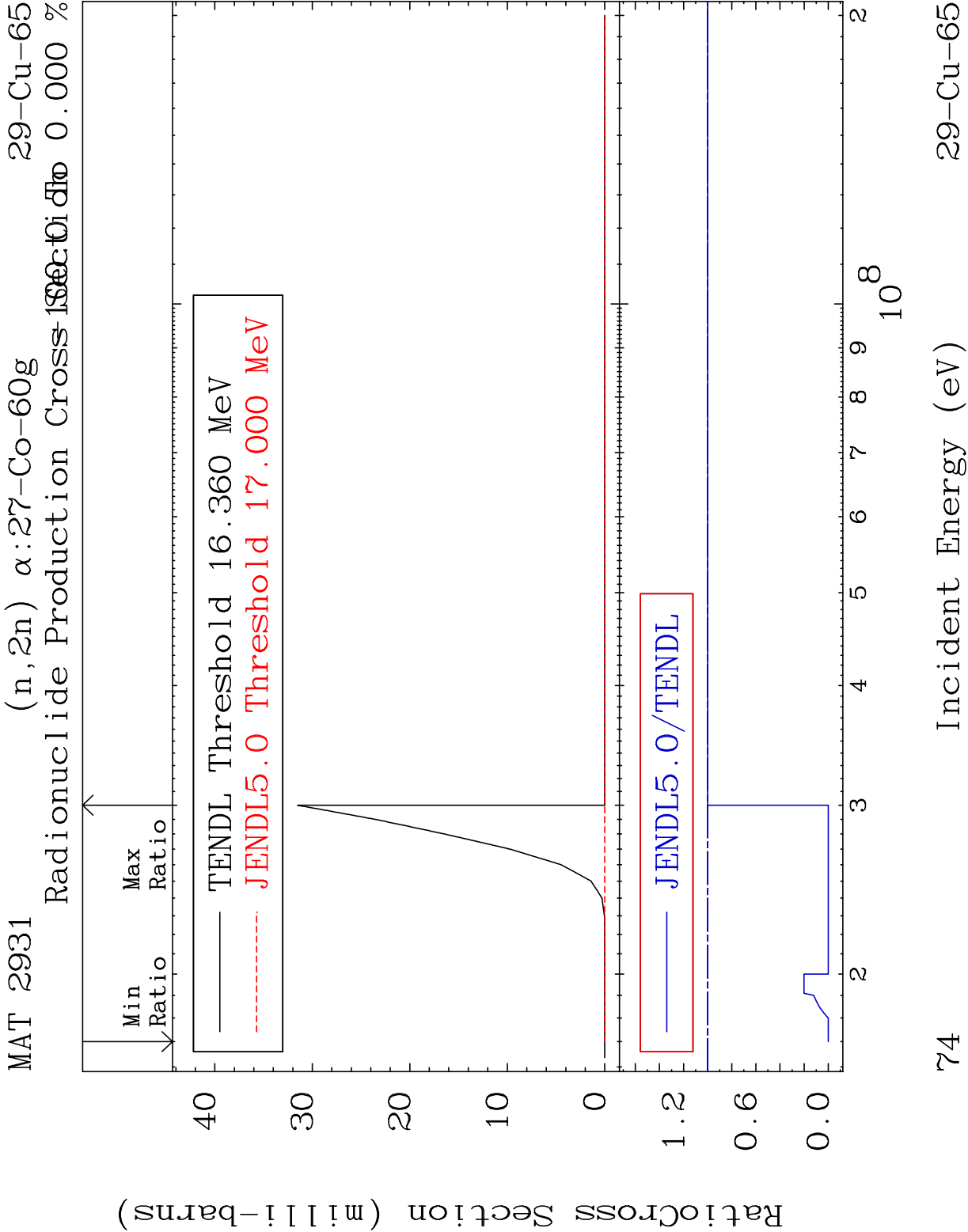


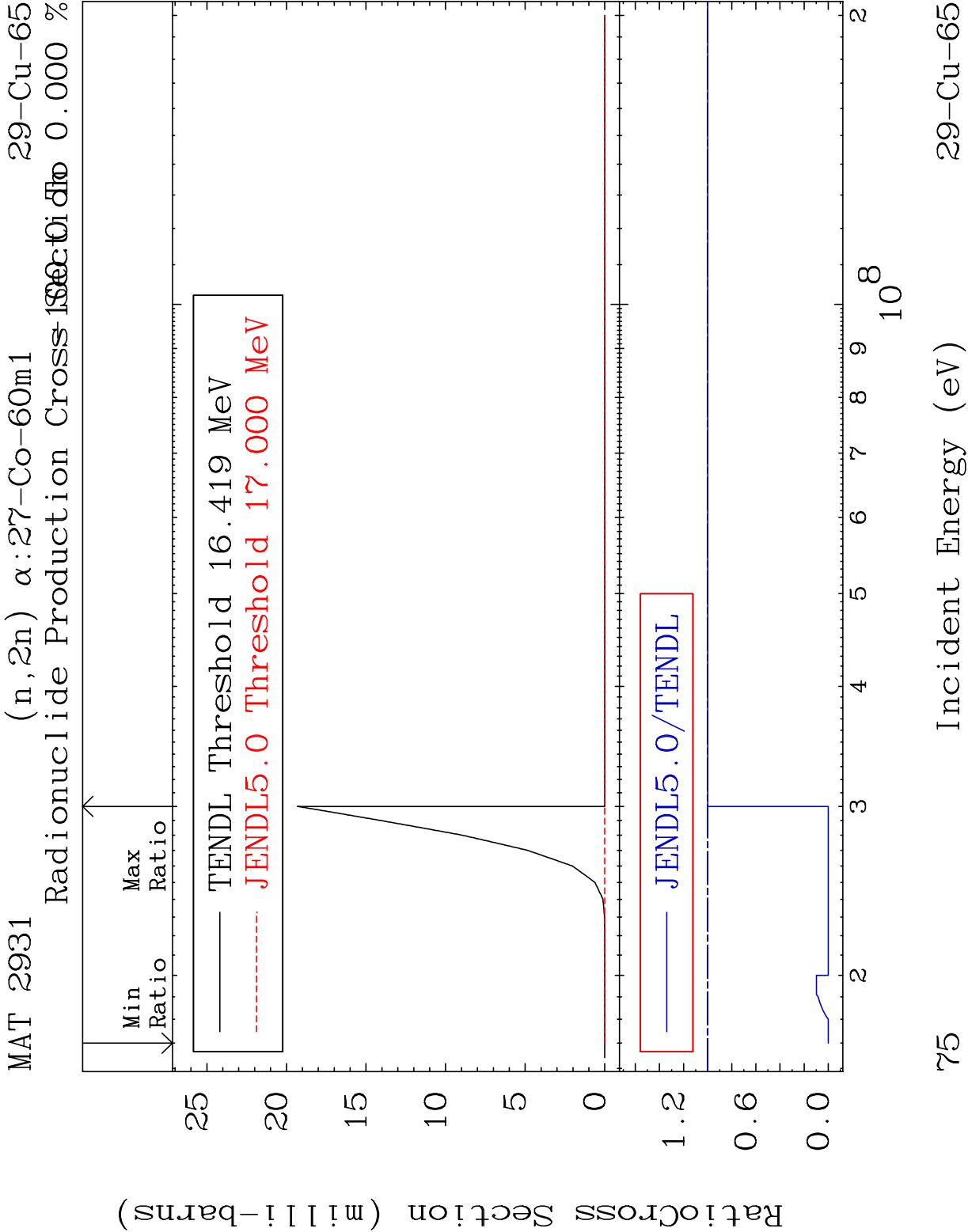


MAT 2931 Dpa disappearance (mt102 -120) 29-Cu-65
Cross Section -100.0 To 9999. %



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RatioCross Section (milli-barns)

