

Program Complot
(Version 2021-1)

by

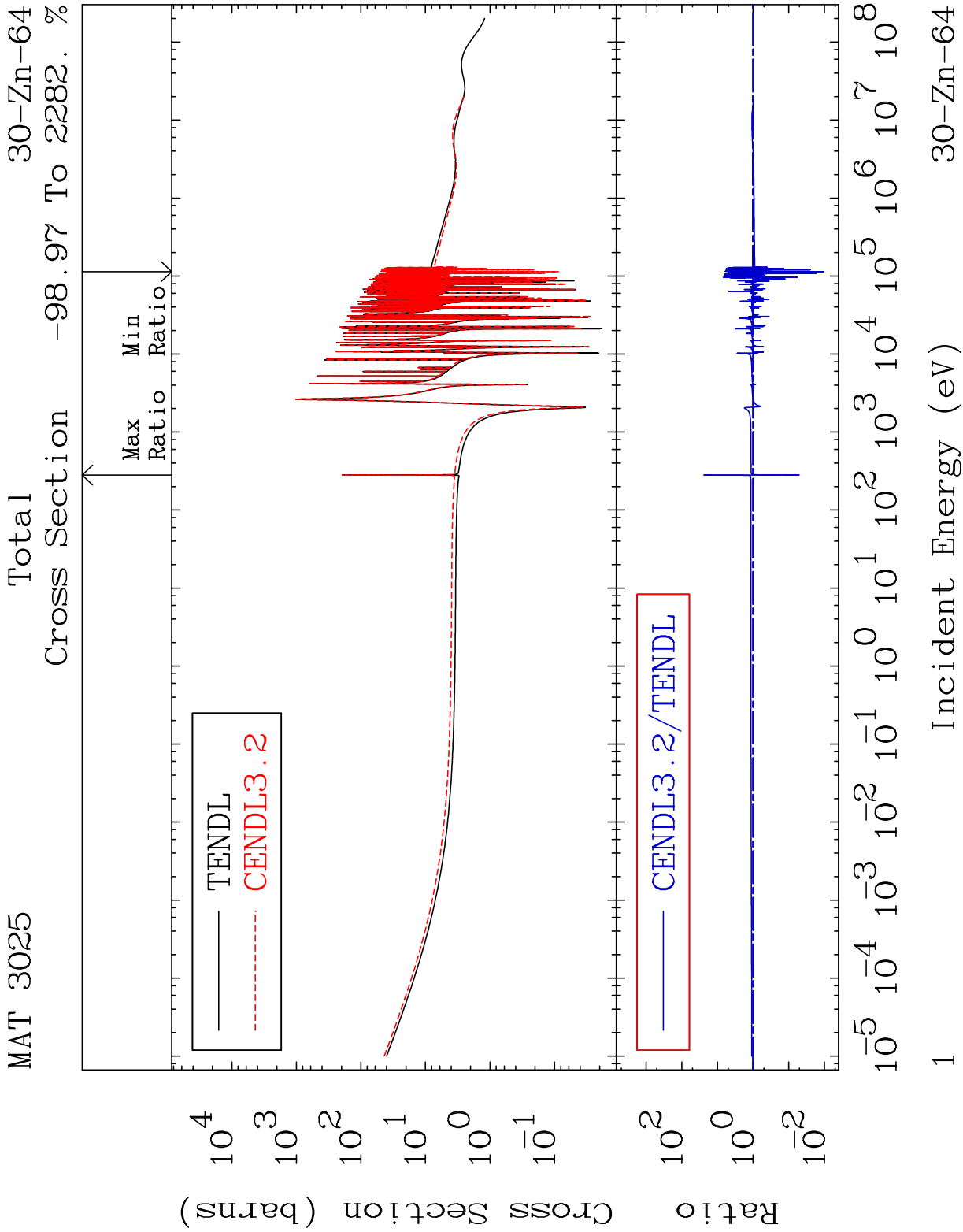
Dermott E. Cullen
(Present Contact Information)

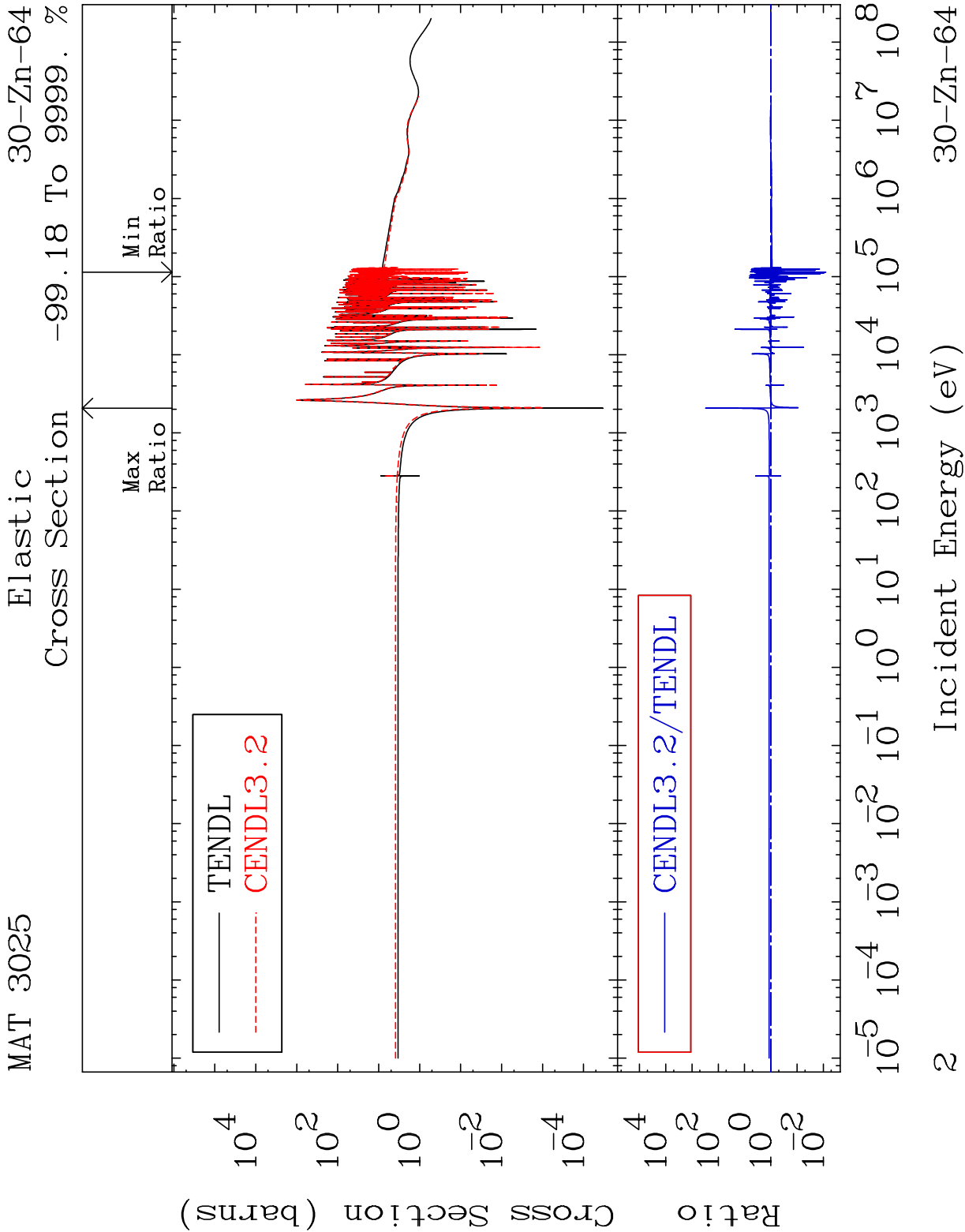
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

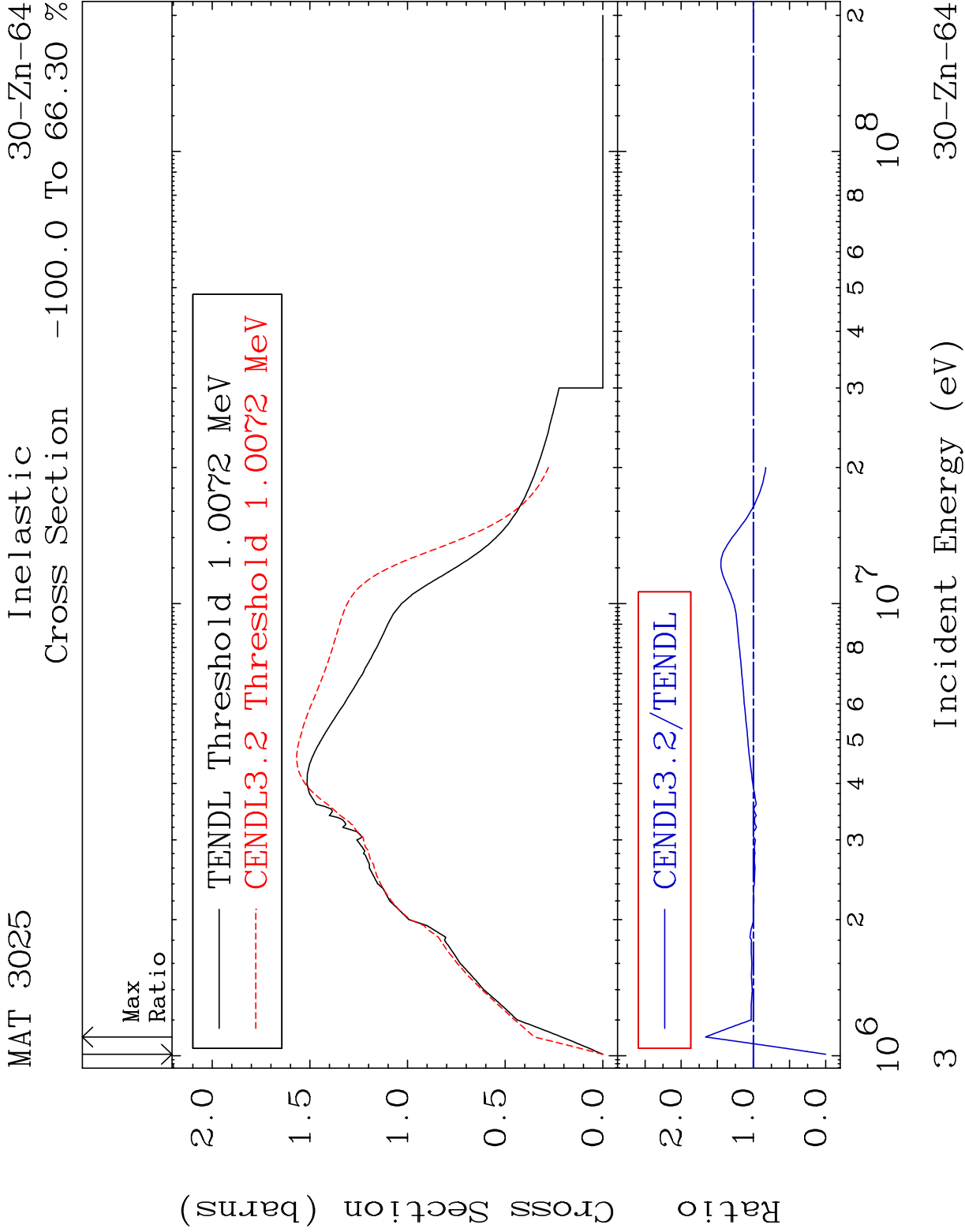
Tele: 925-443-1911

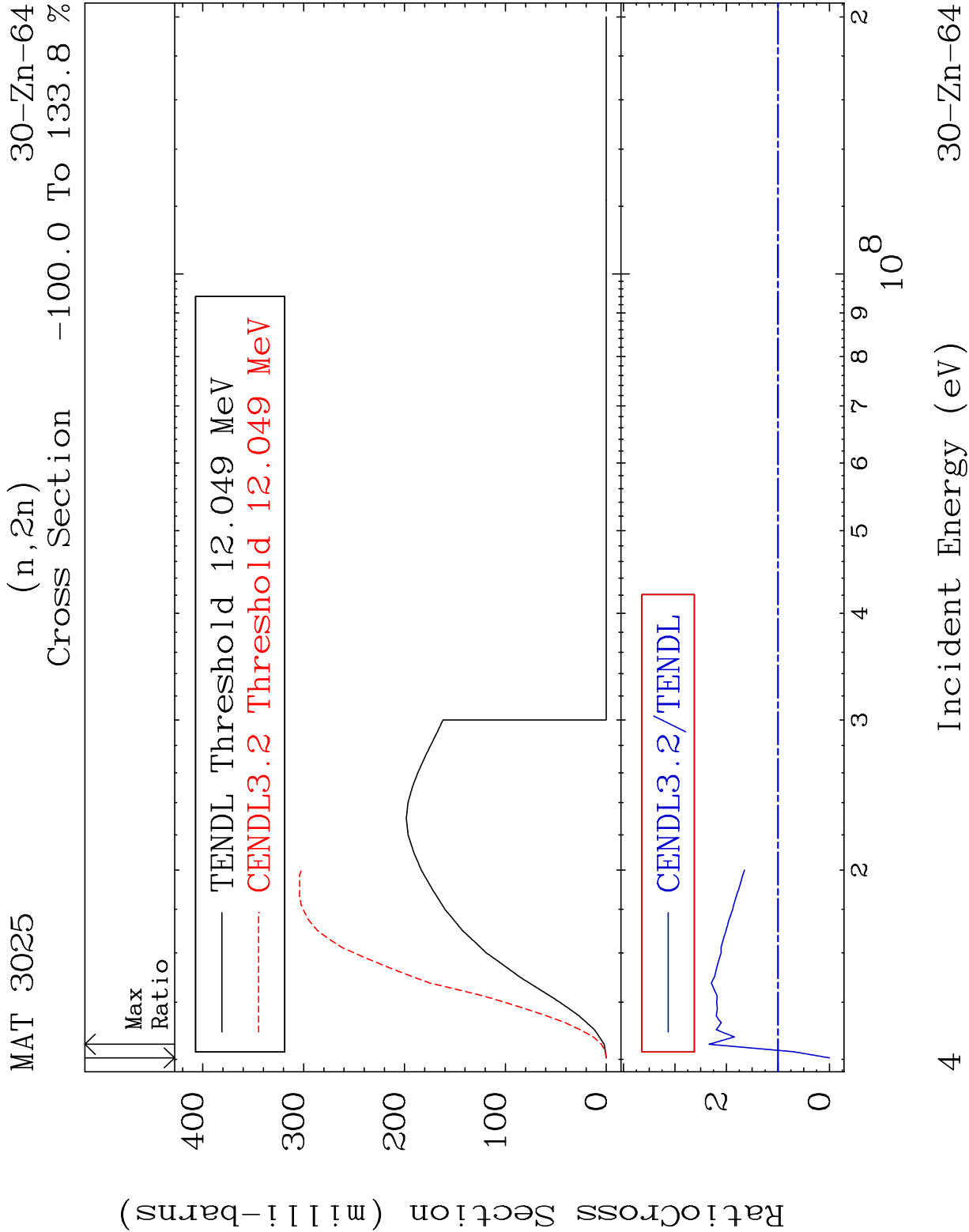
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

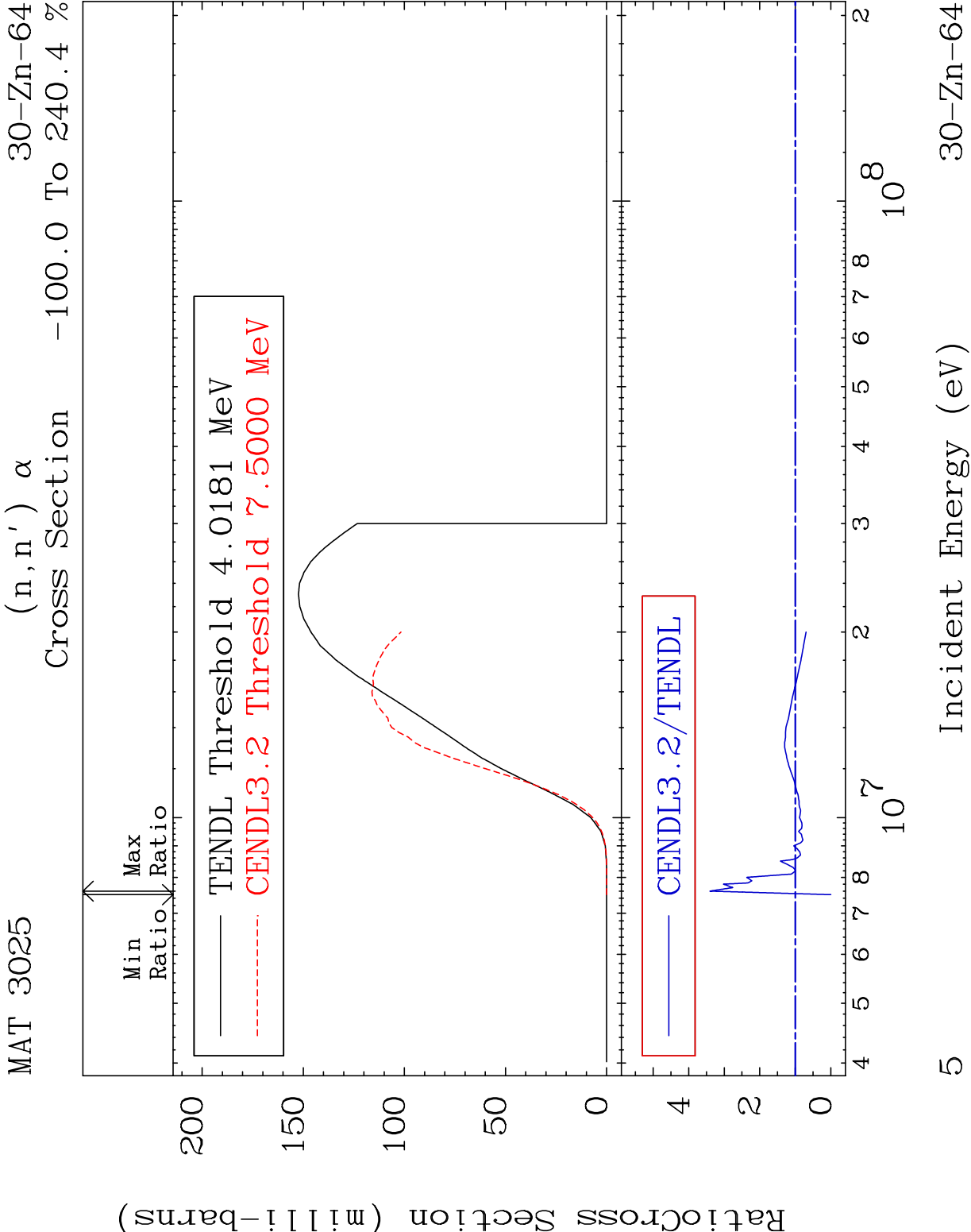
Press Mouse Button to Start

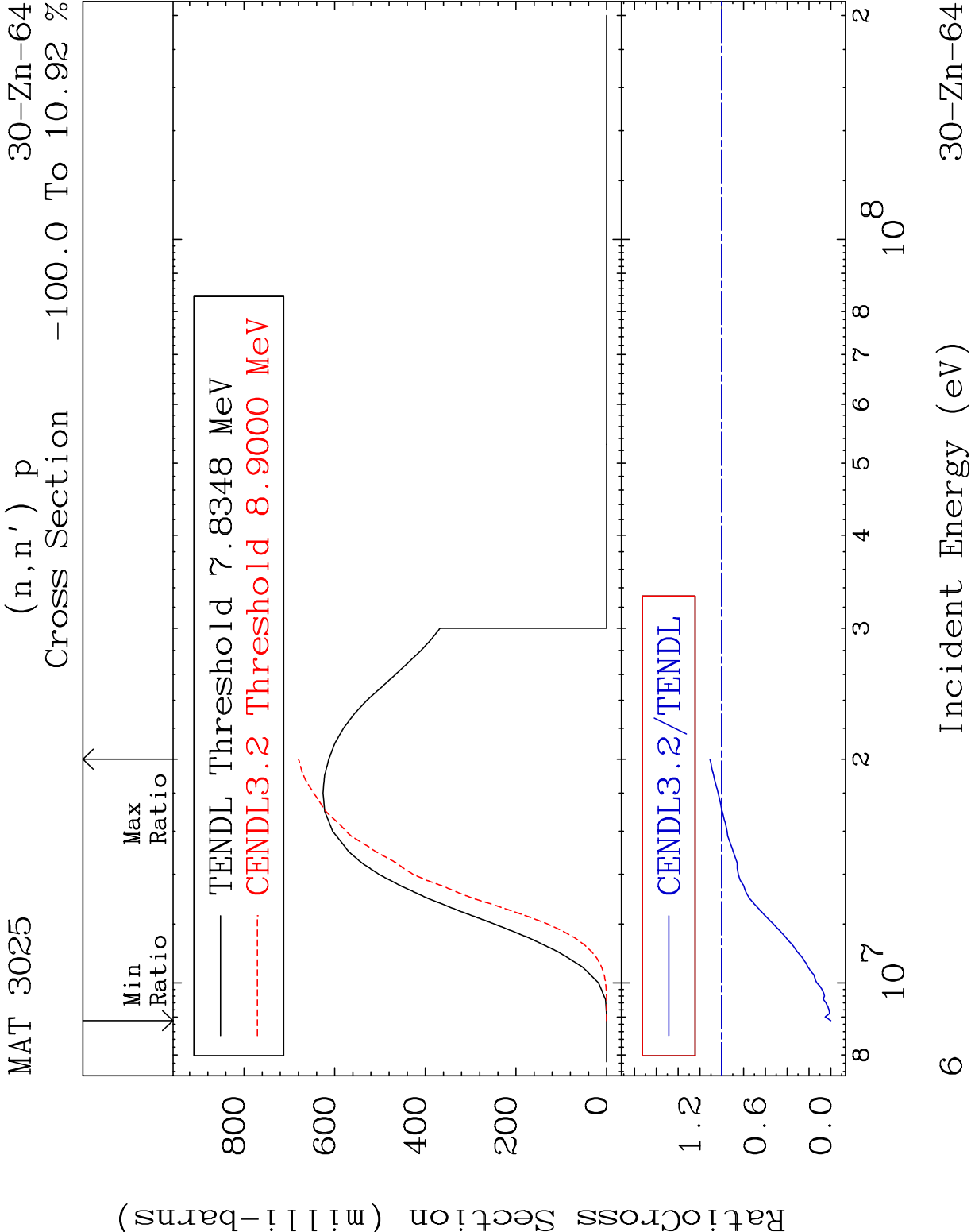


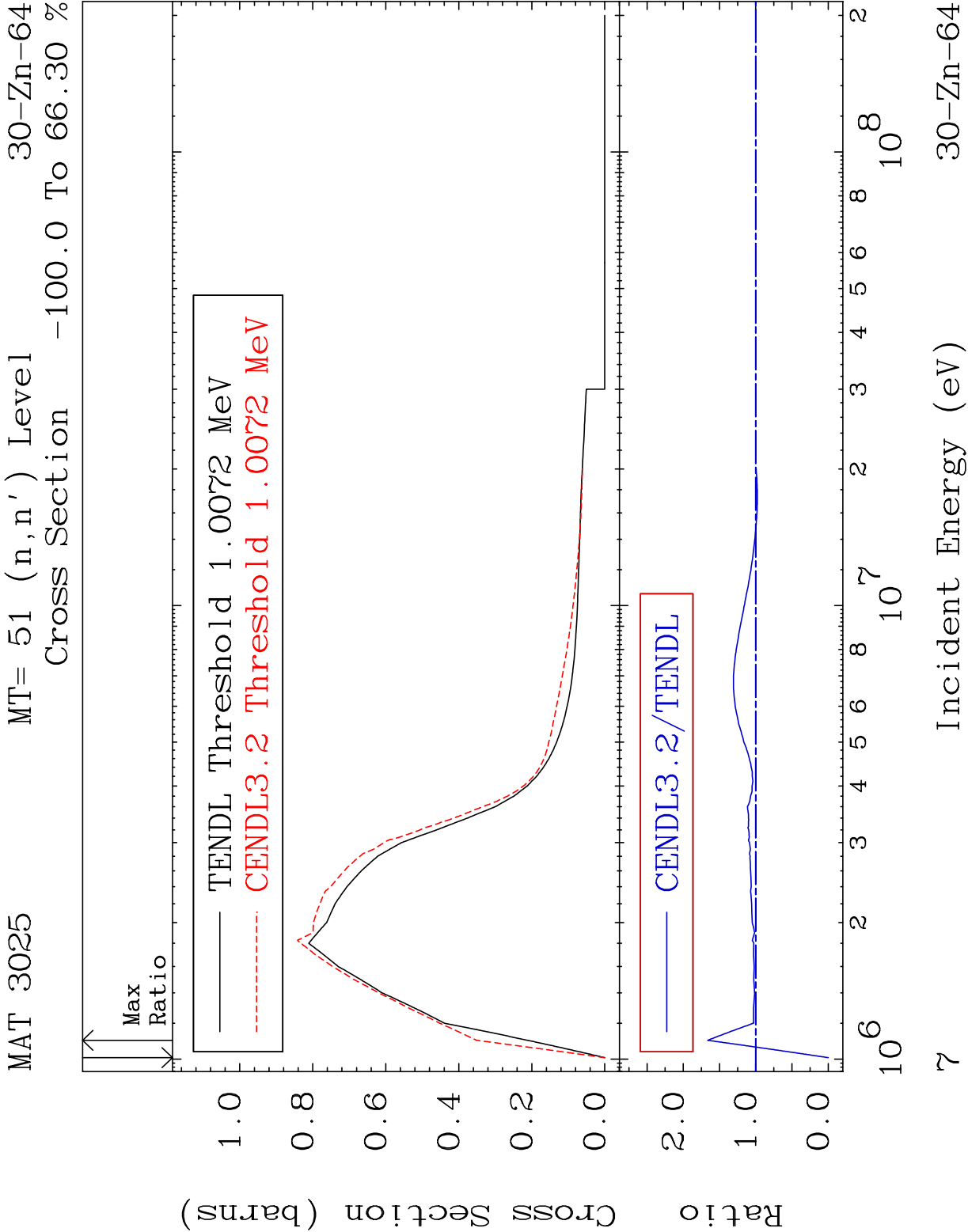


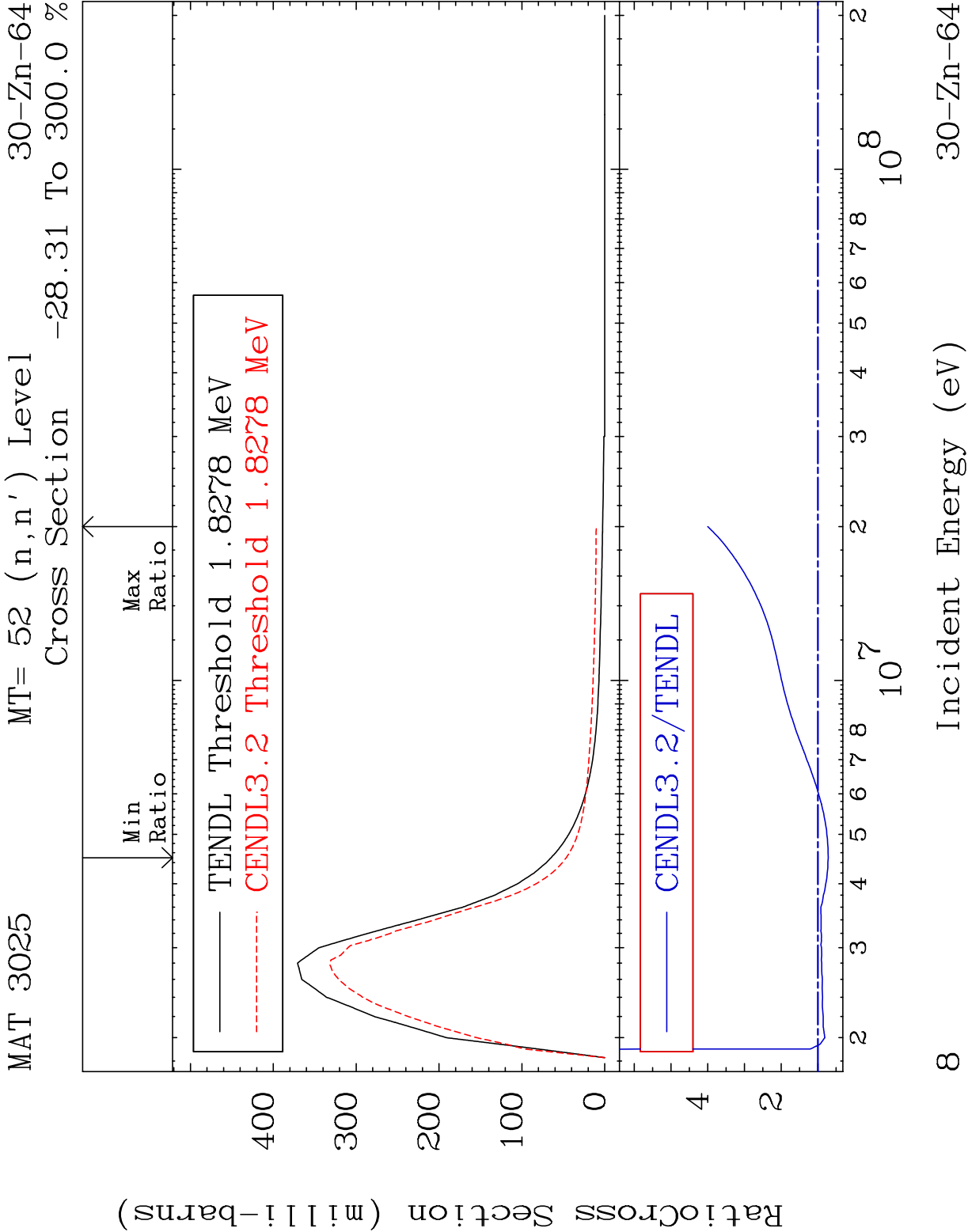




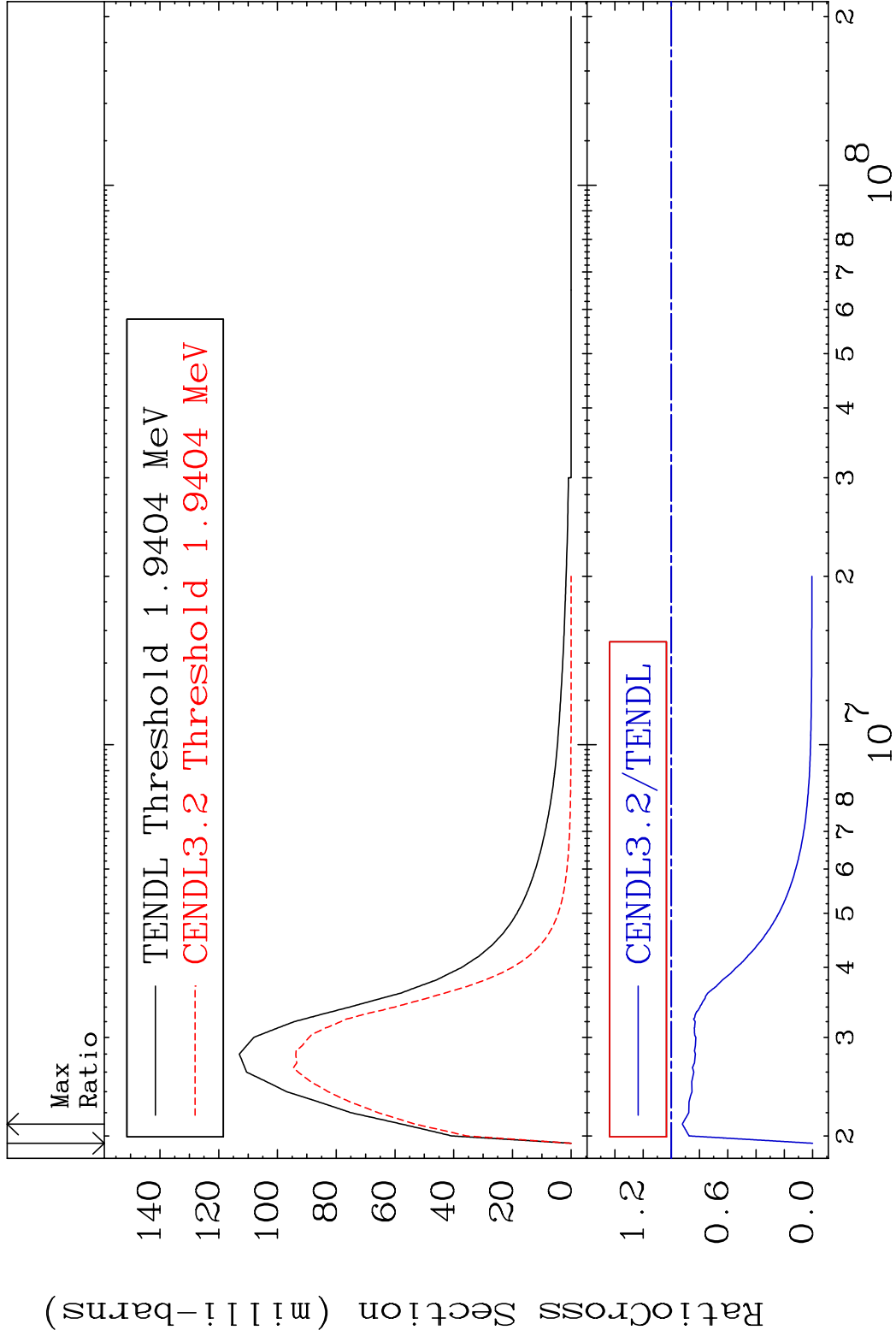


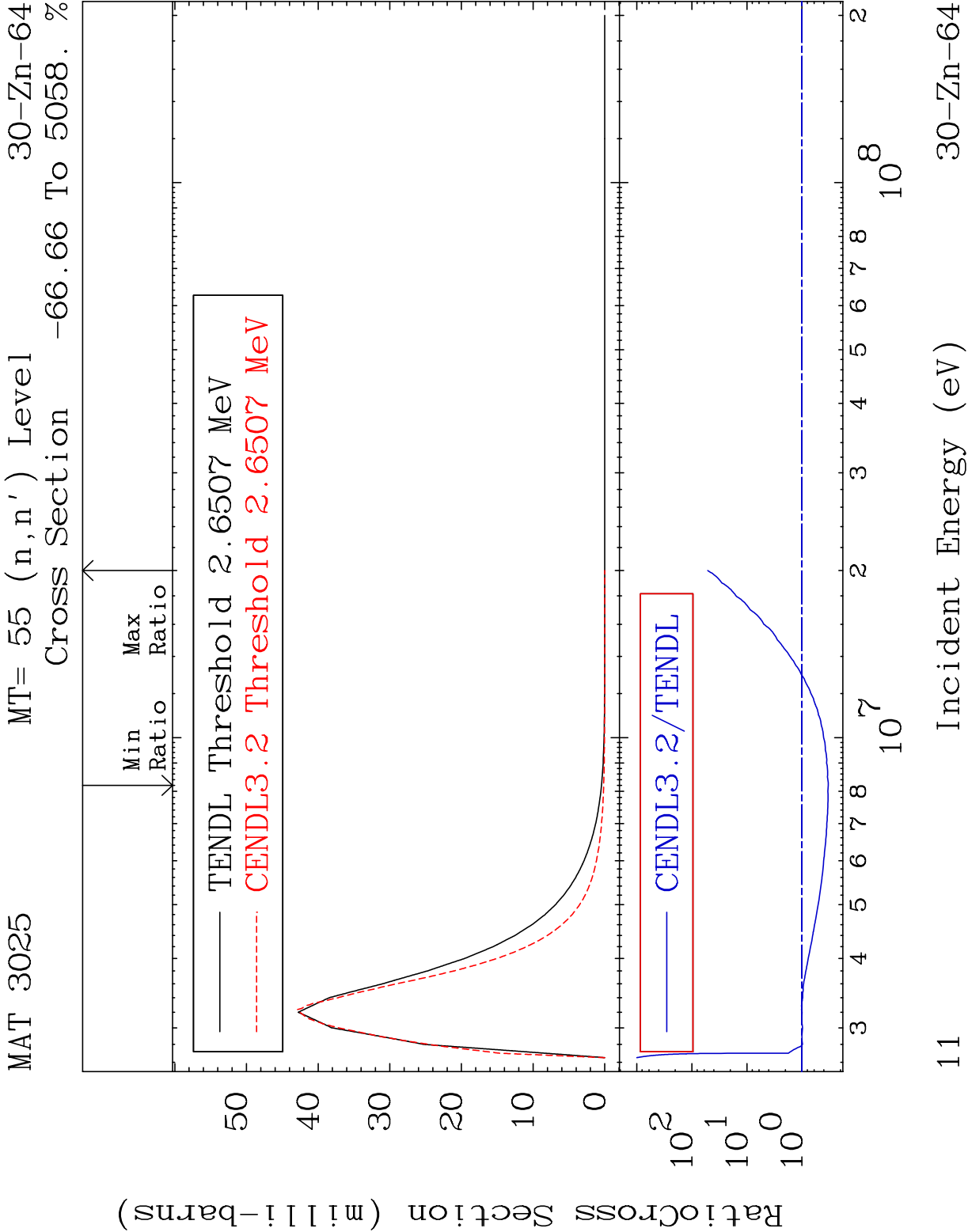




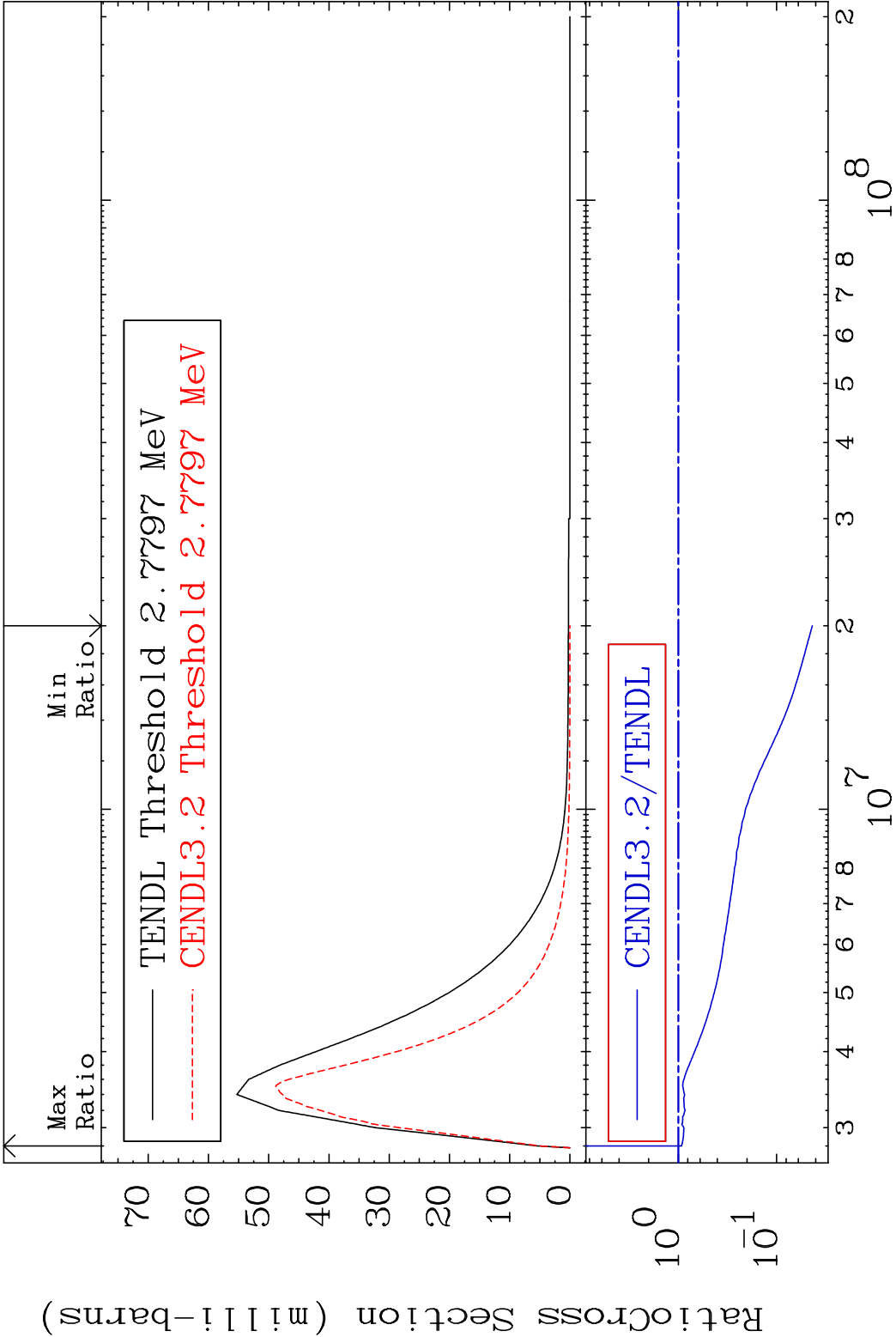


MAT 3025 MT= 53 (n,n') Level 30-Zn-64
Cross Section -100.0 To -7.816%

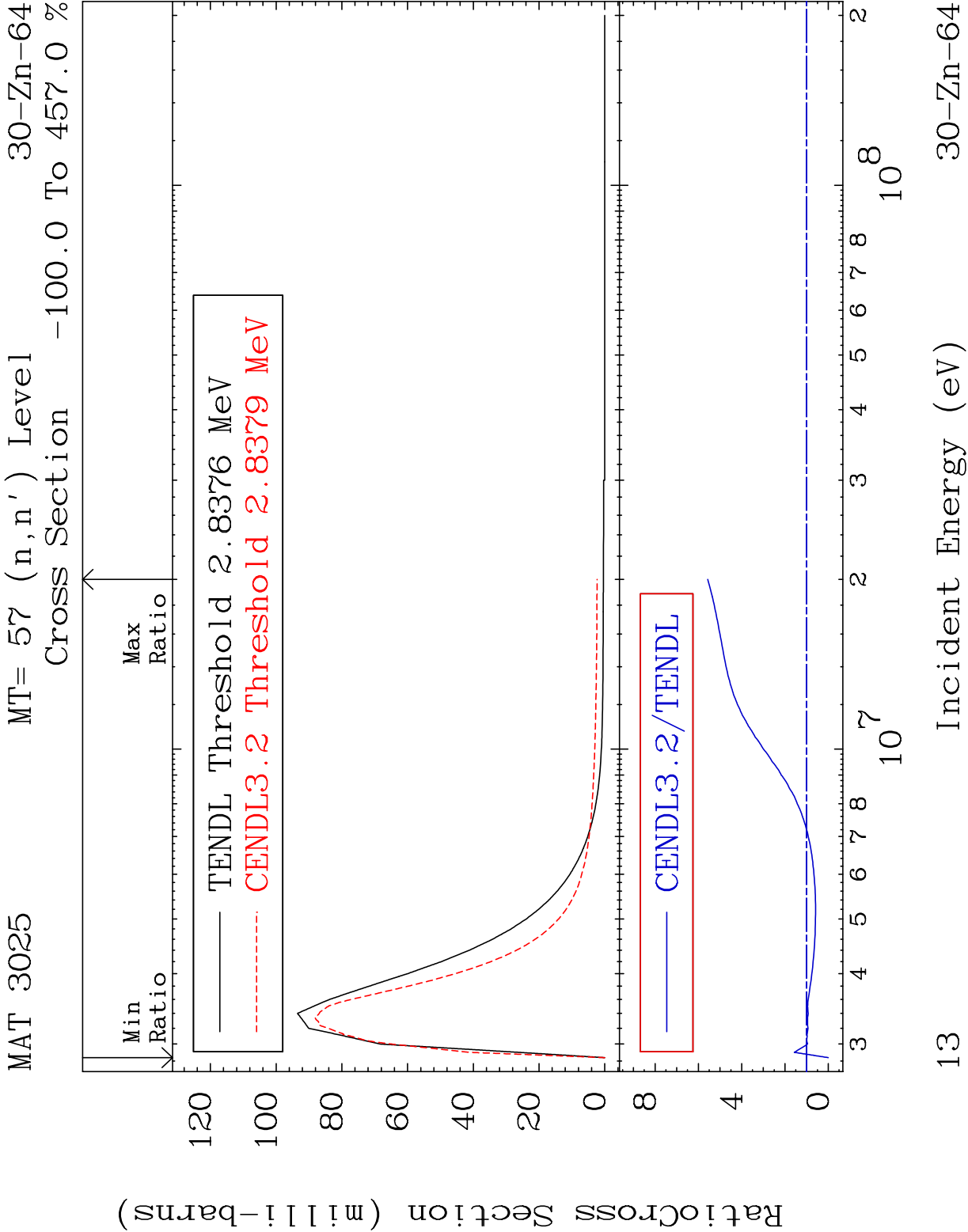




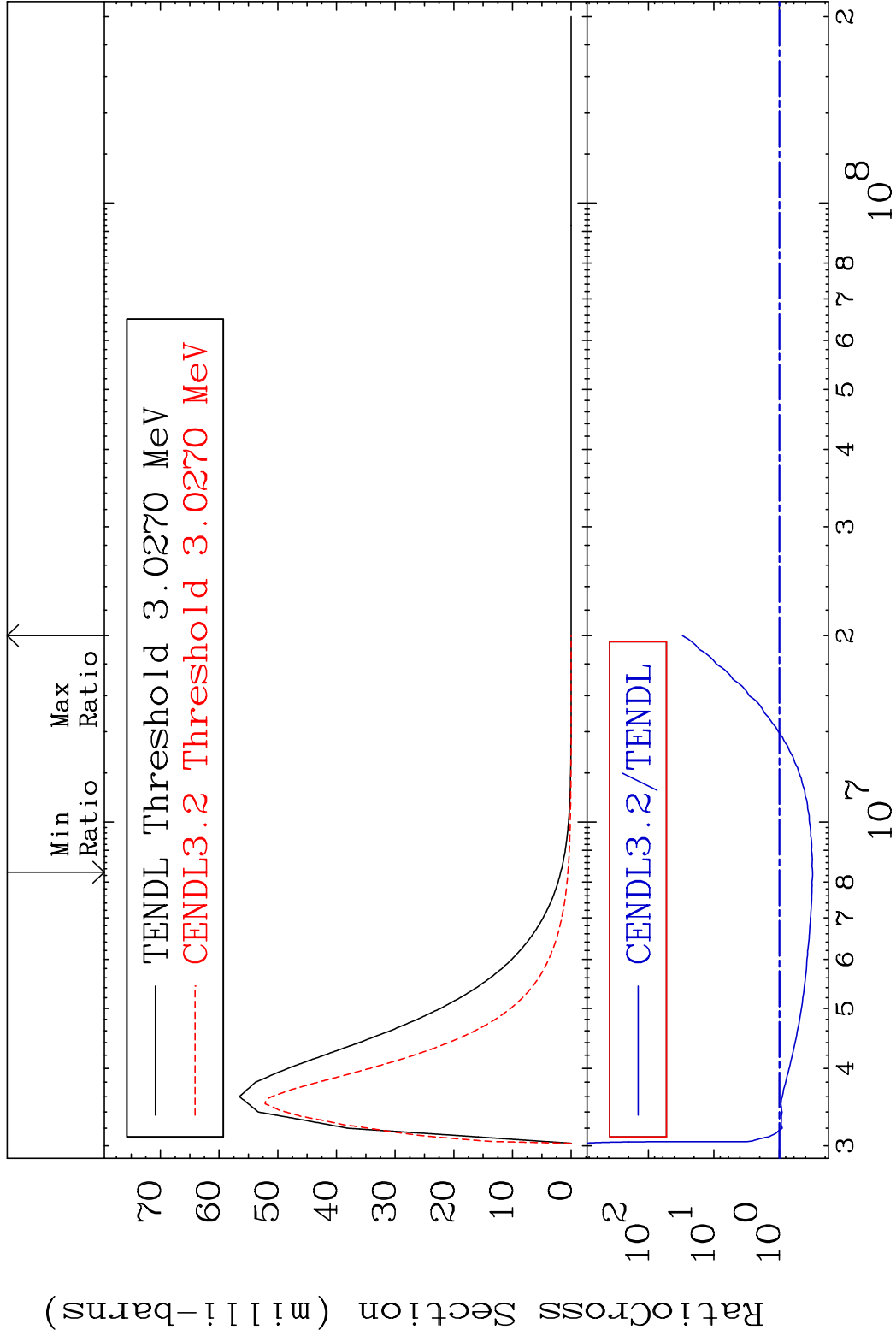
MAT 3025 MT= 56 (n,n') Level 30-Zn-64
Cross Section -95.66 To -7.342%

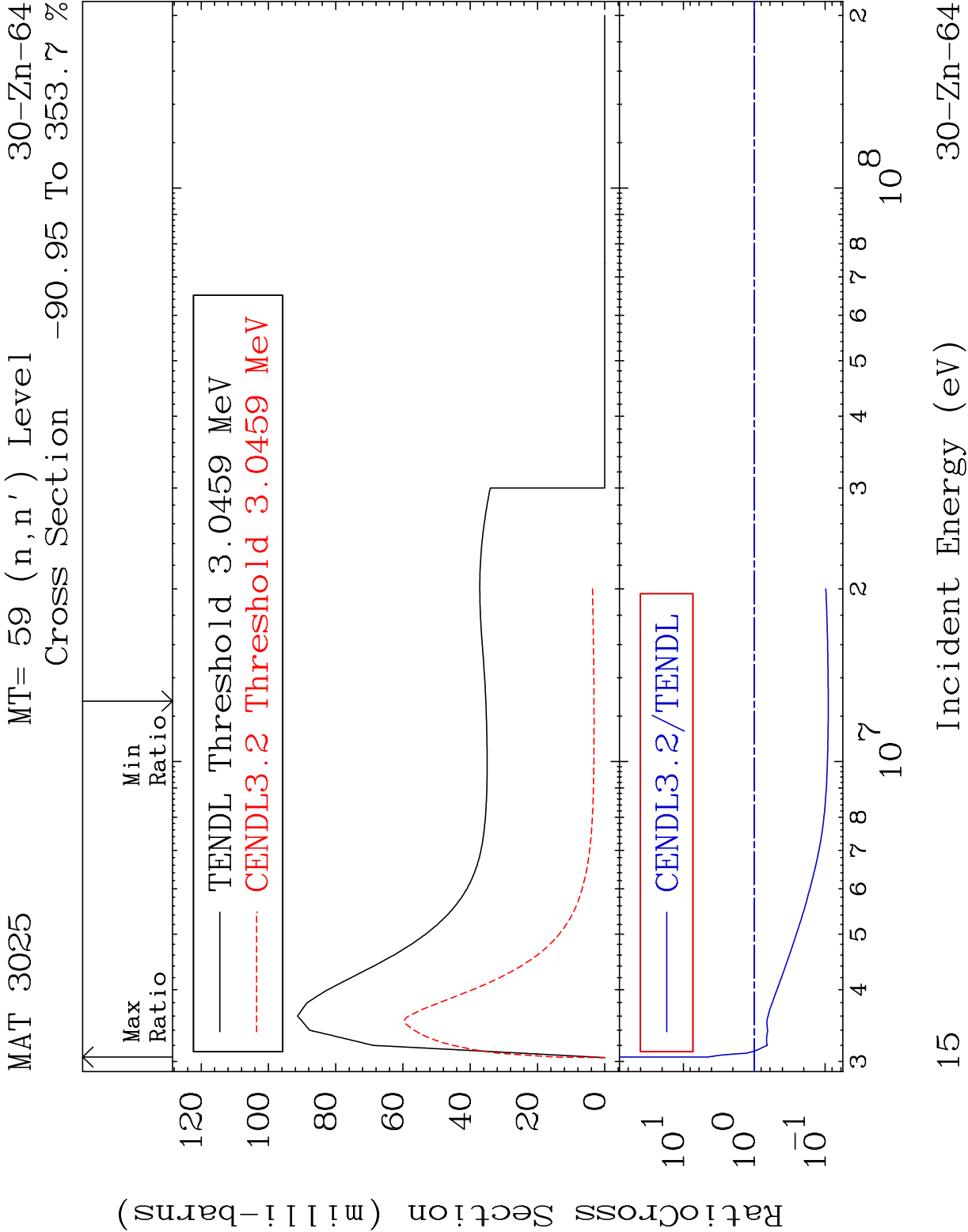


12 Incident Energy (eV) 30-Zn-64



MAT 3025 MT= 58 (n,n') Level 30-Zn-64
Cross Section -68.77 To 2924. %



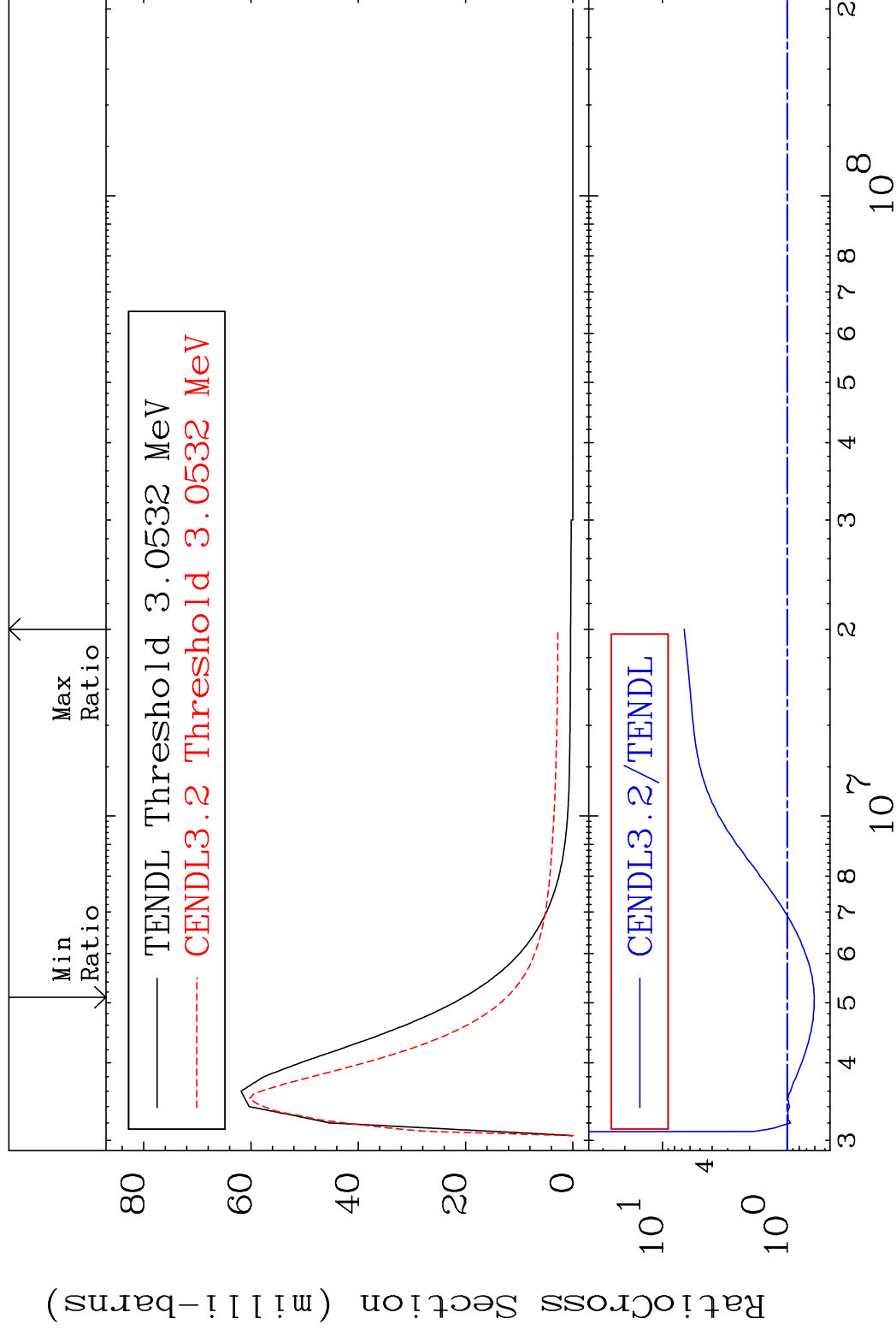


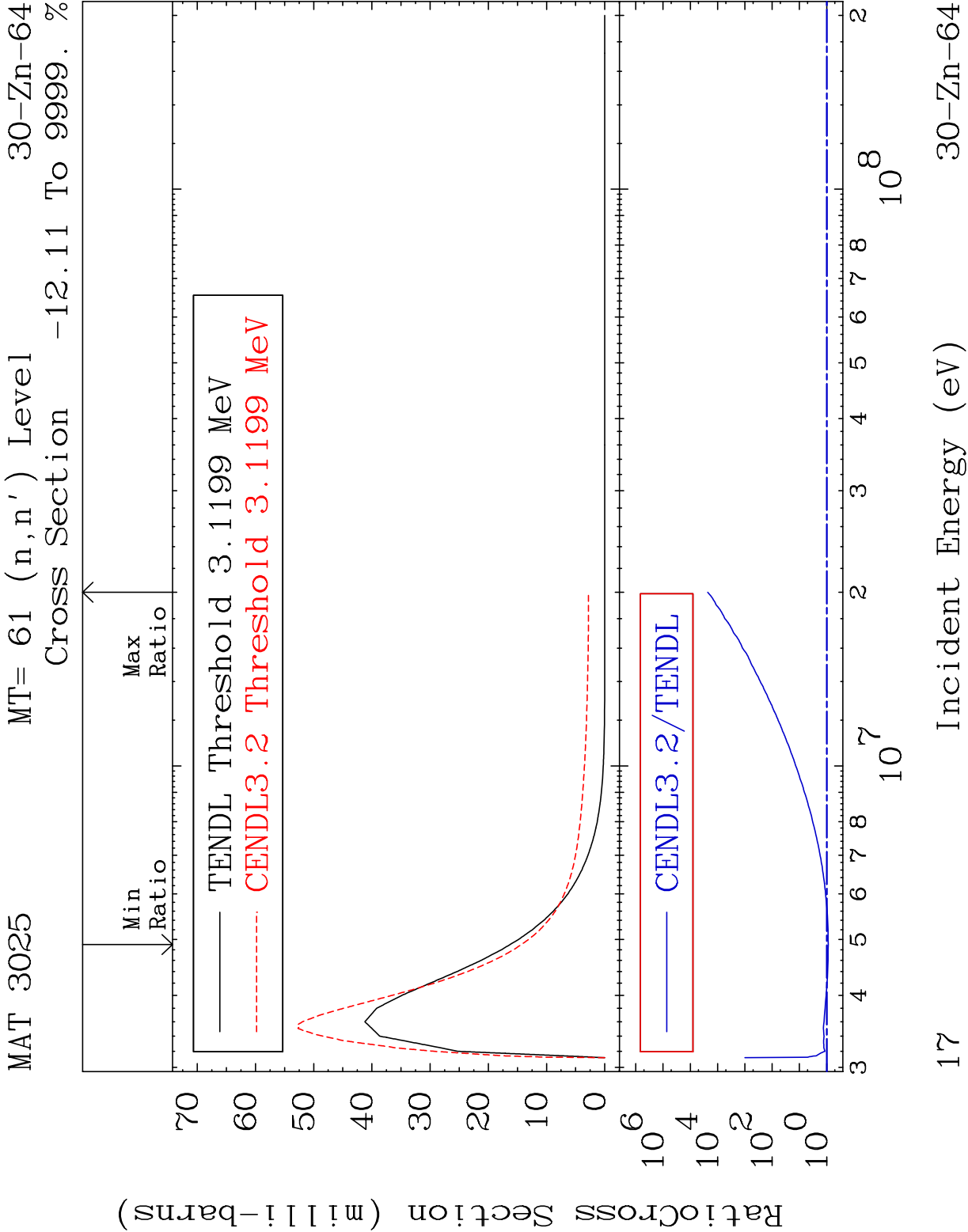
MAT 3025

MT= 60 (n, n') Level

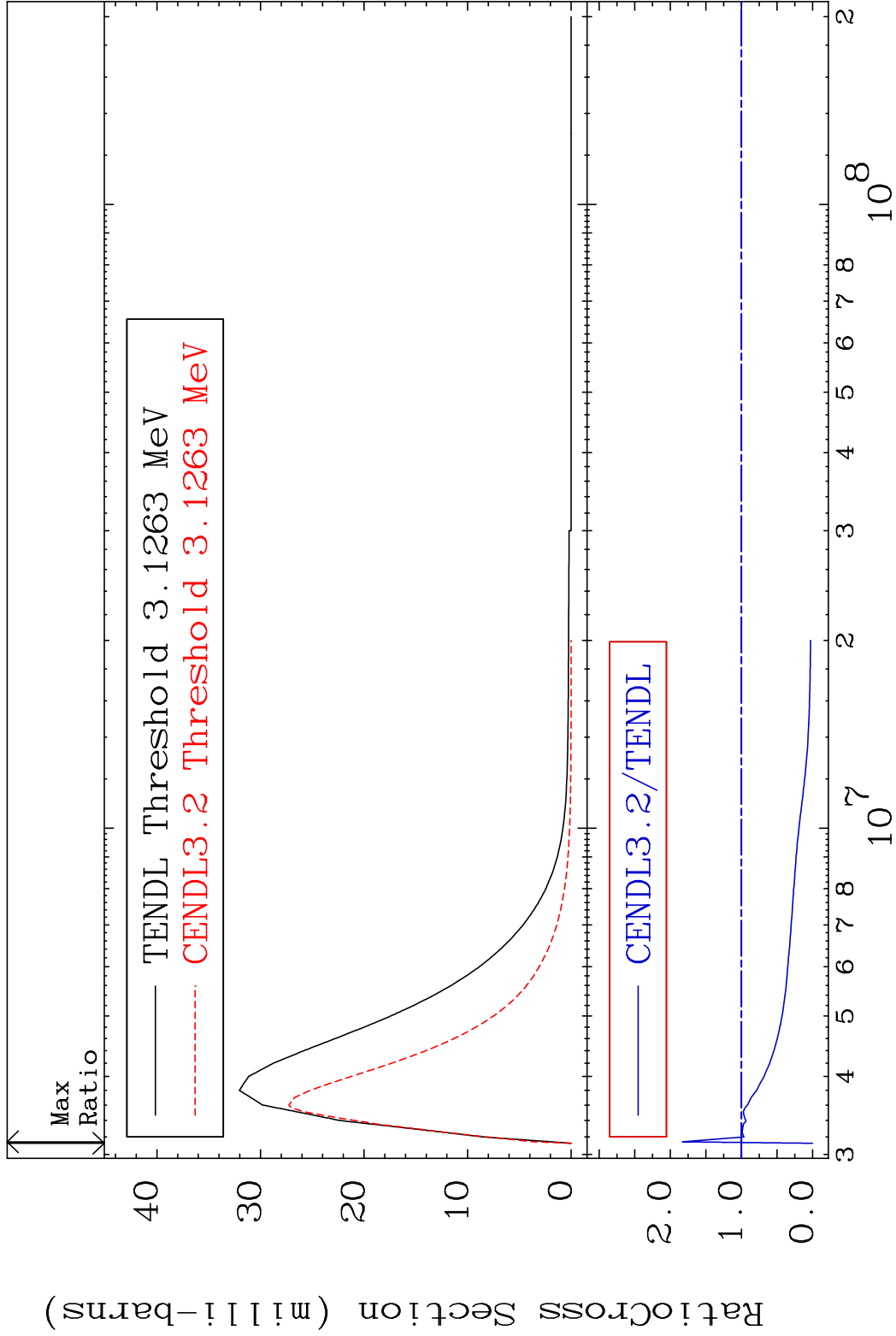
 $^{30}\text{Zn}-^{64}$

Cross Section -39.39 To 570.5 %





MAT 3025 MT= 62 (n,n') Level 30-Zn-64
Cross Section -100.0 To 83.06 %



18 Incident Energy (eV) 30-Zn-64

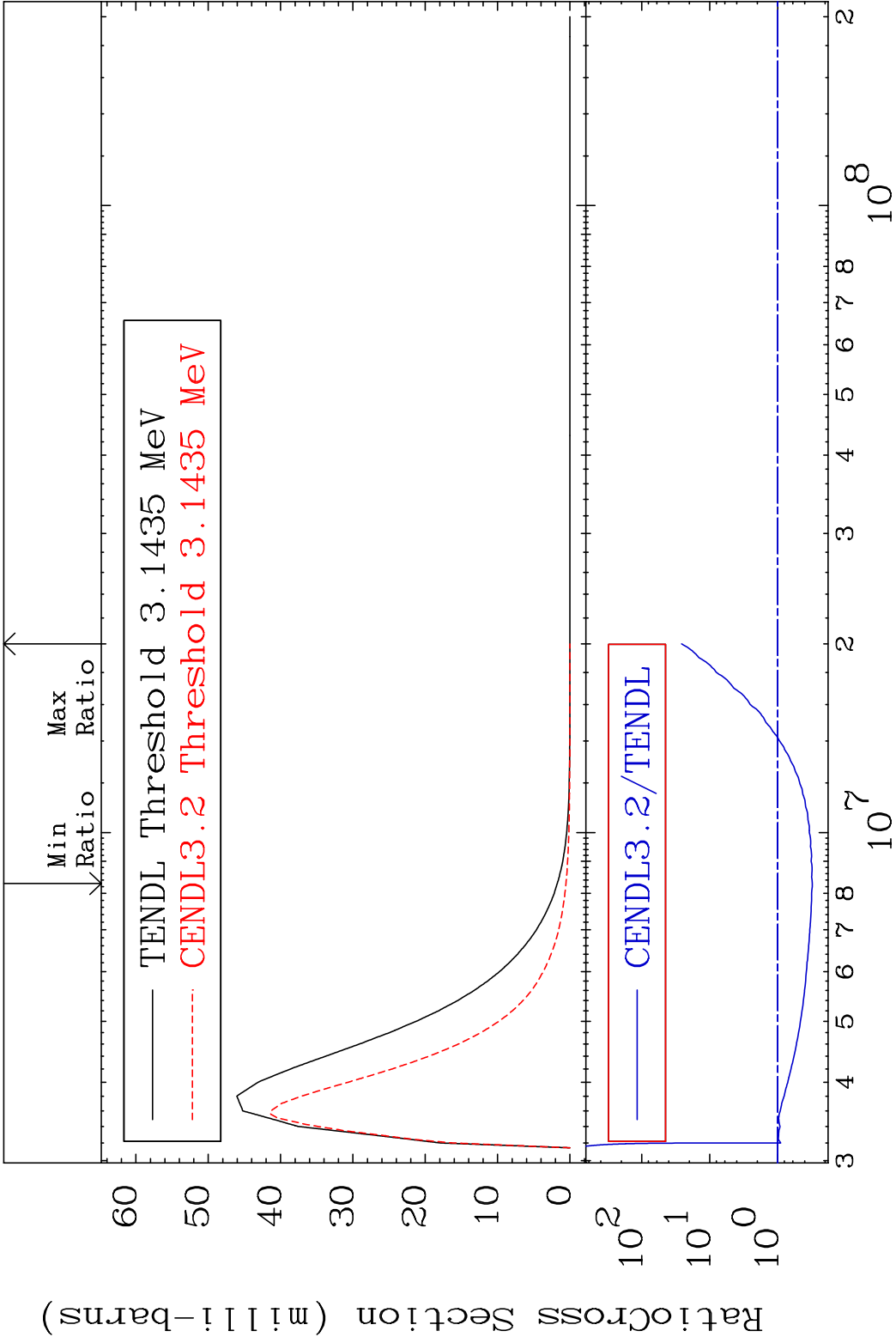
MAT 3025

MT= 63 (n,n') Level

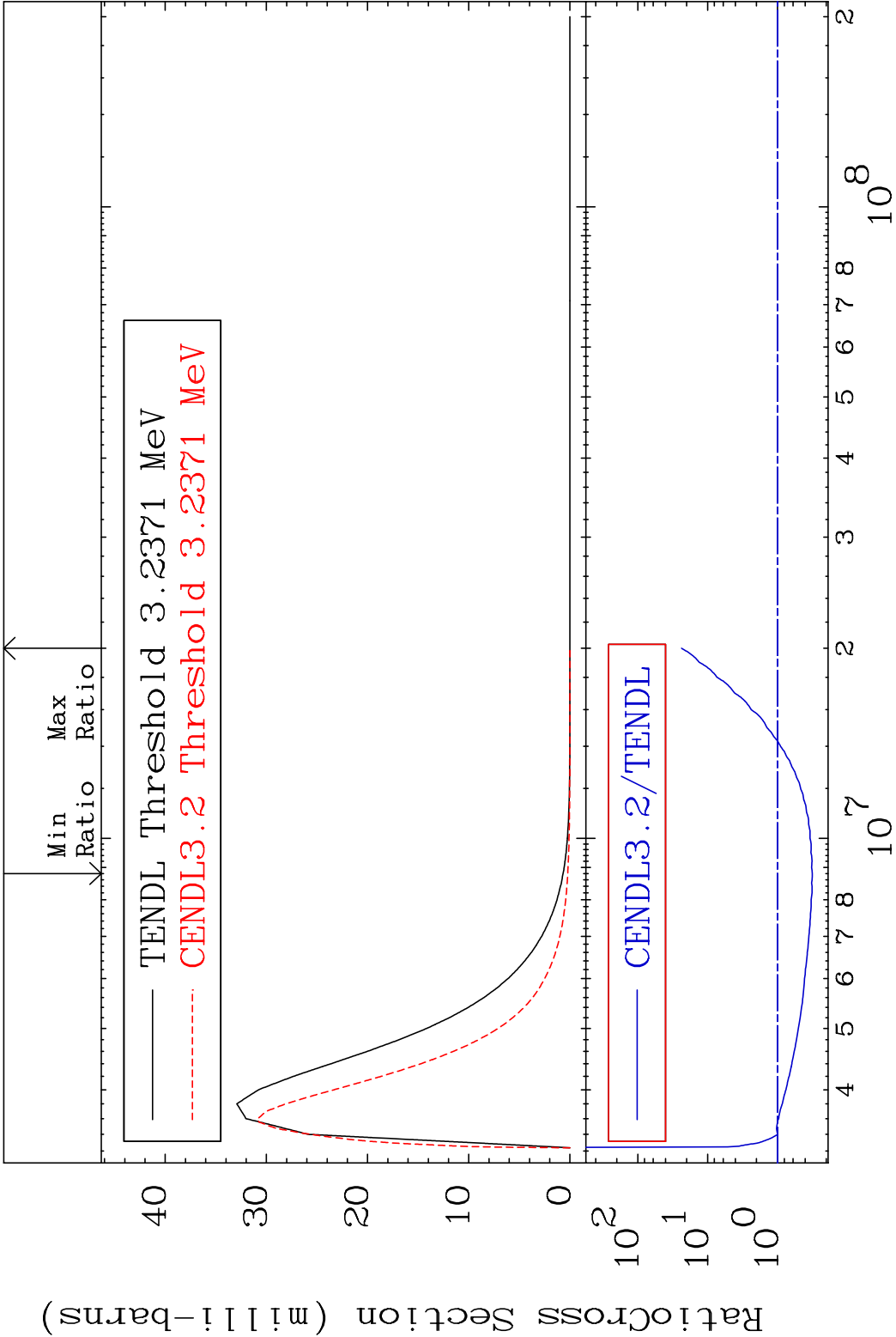
30-Zn-64

Cross Section

-68.97 To 2500. %



MAT 3025 MT= 64 (n,n') Level 30-Zn-64
Cross Section -68.21 To 2265. %



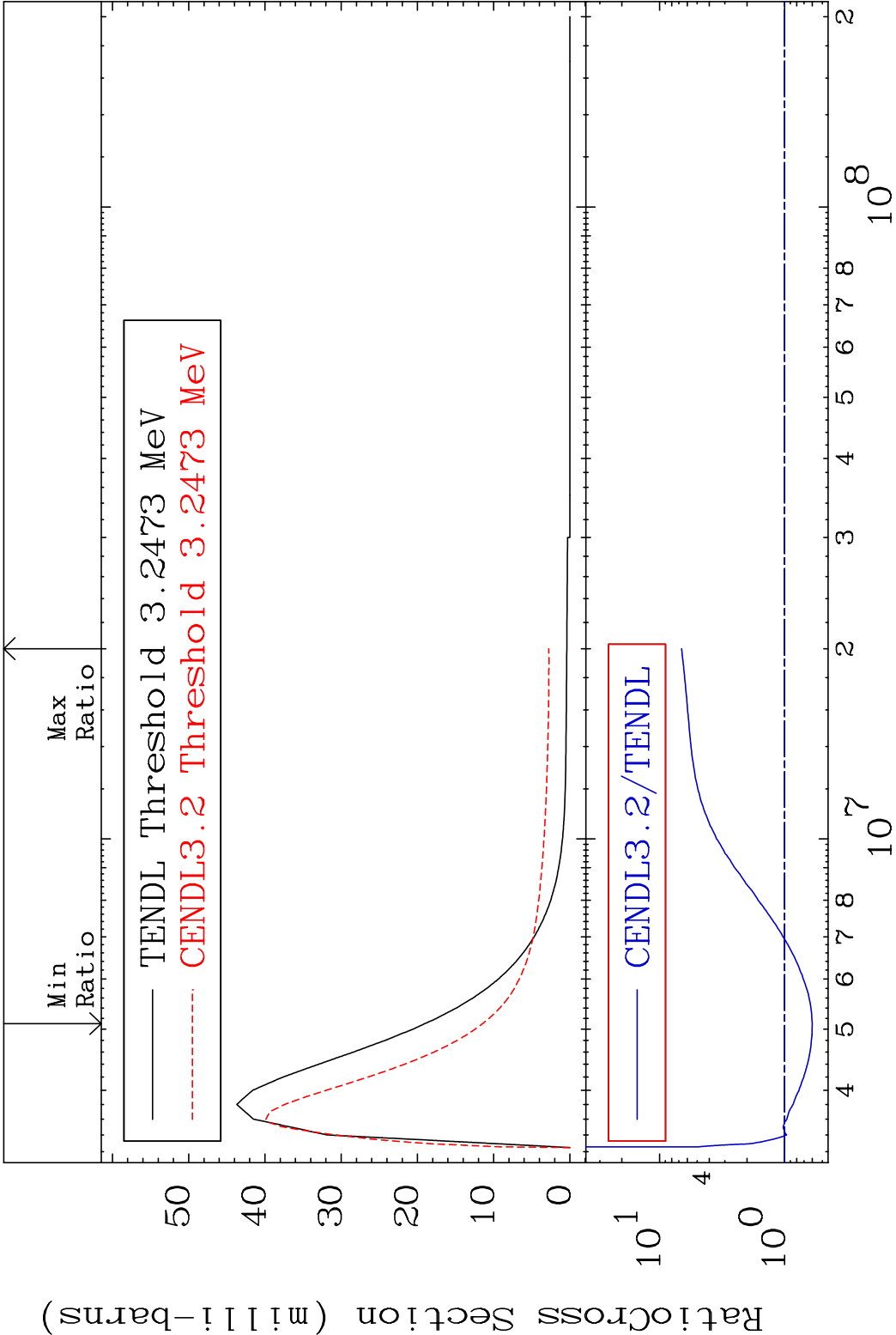
MAT 3025

MT= 65 (n,n') Level

30-Zn-64

Cross Section

-39.85 To 566.6 %



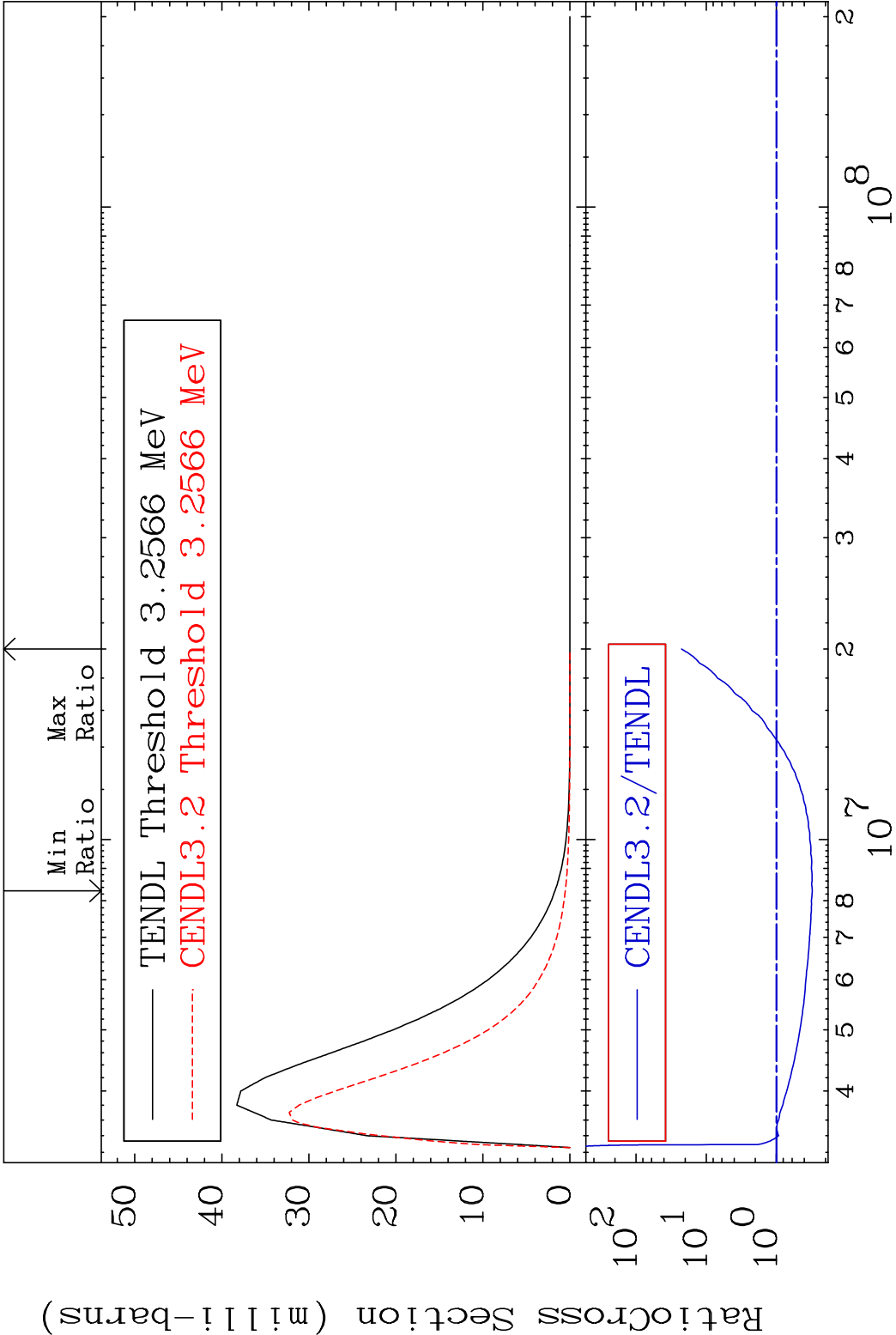
MAT 3025

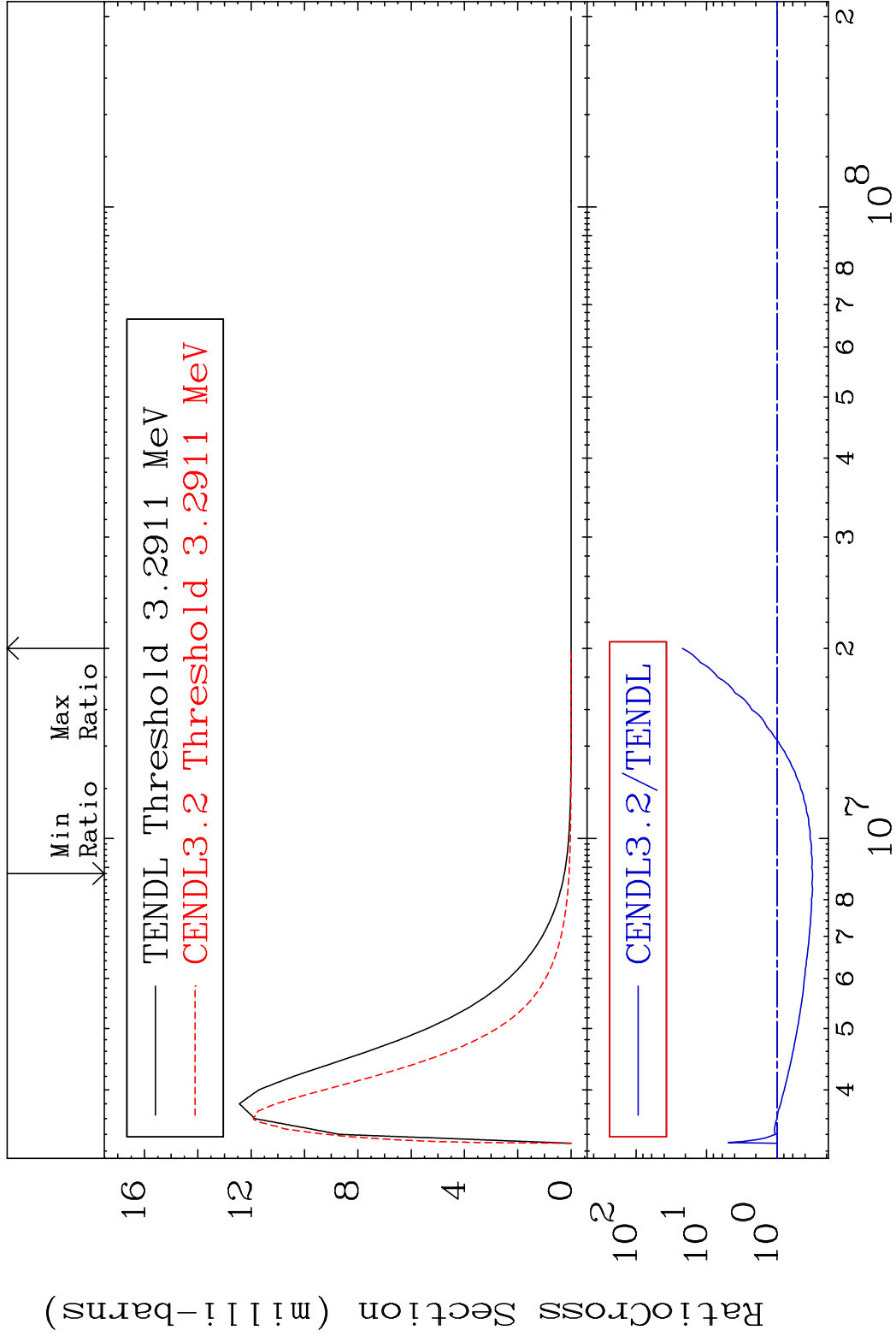
MT= 66 (n,n') Level

30-Zn-64

Cross Section

-69.08 To 2152. %



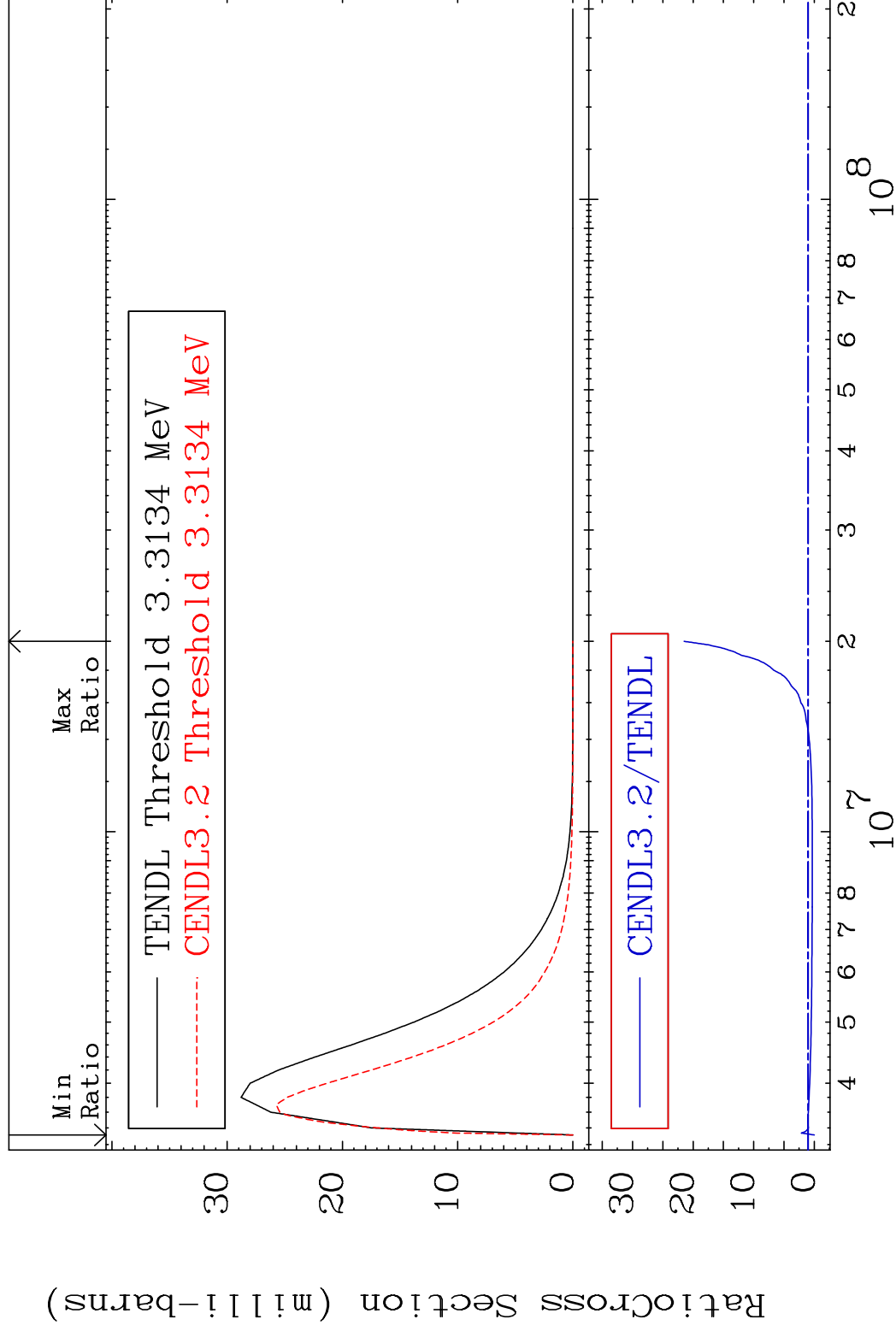


MAT 3025

MT= 68 (n, n') Level

 $^{64}\text{Zn-30}$

Cross Section	-100.0 To 2049. %
...	...



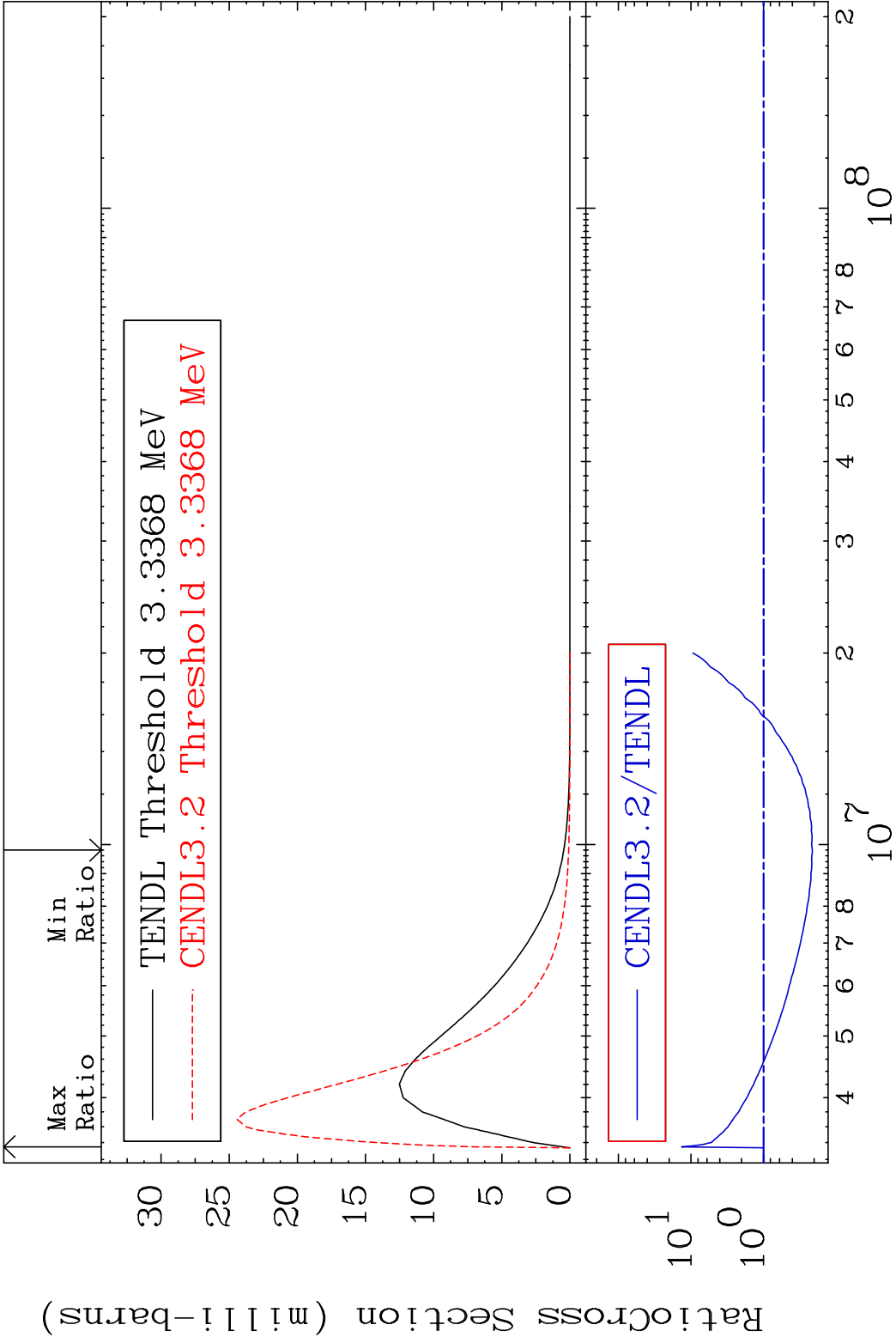
MAT 3025

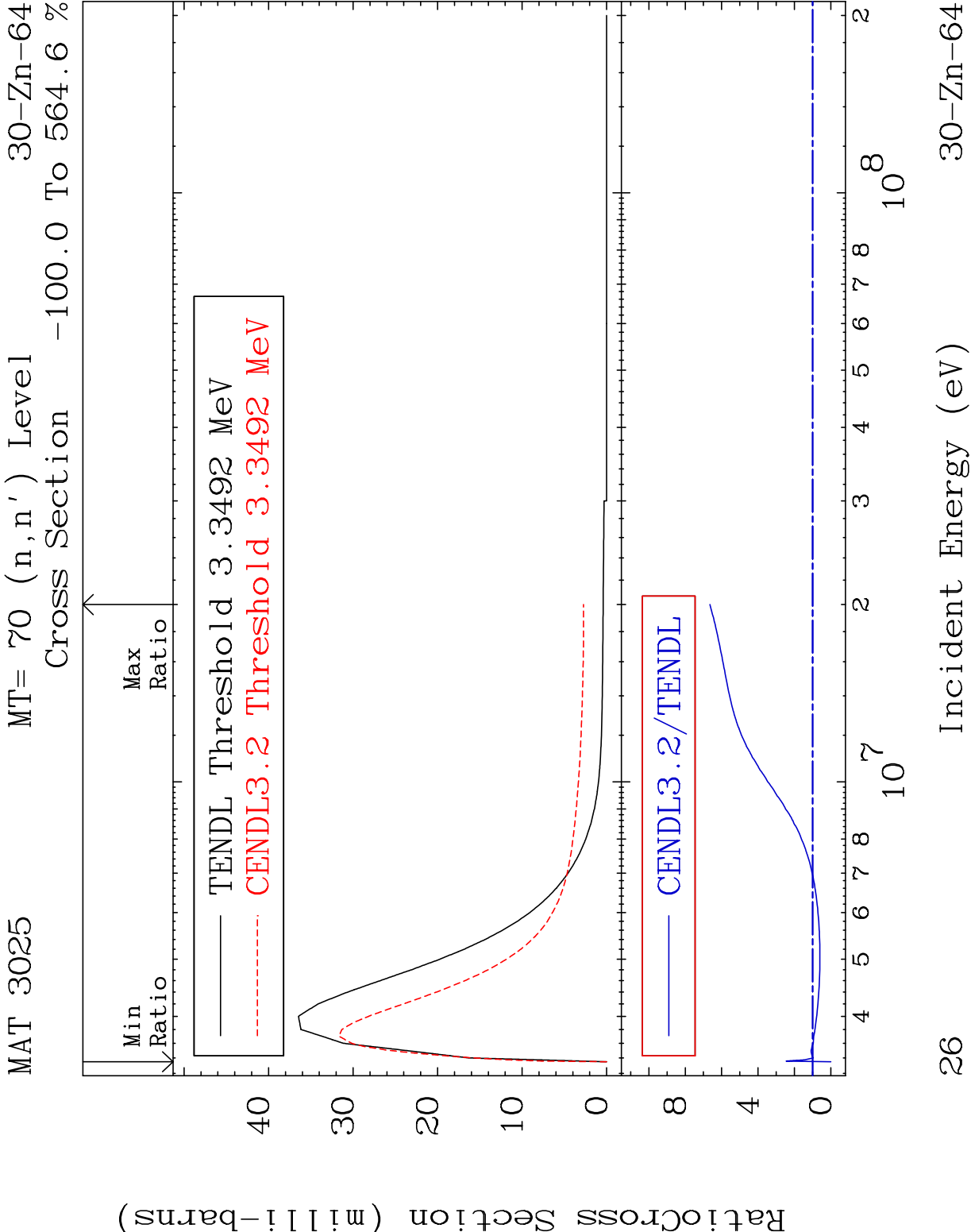
MT= 69 (n,n') Level

30-Zn-64

Cross Section

-78.77 To 1248. %





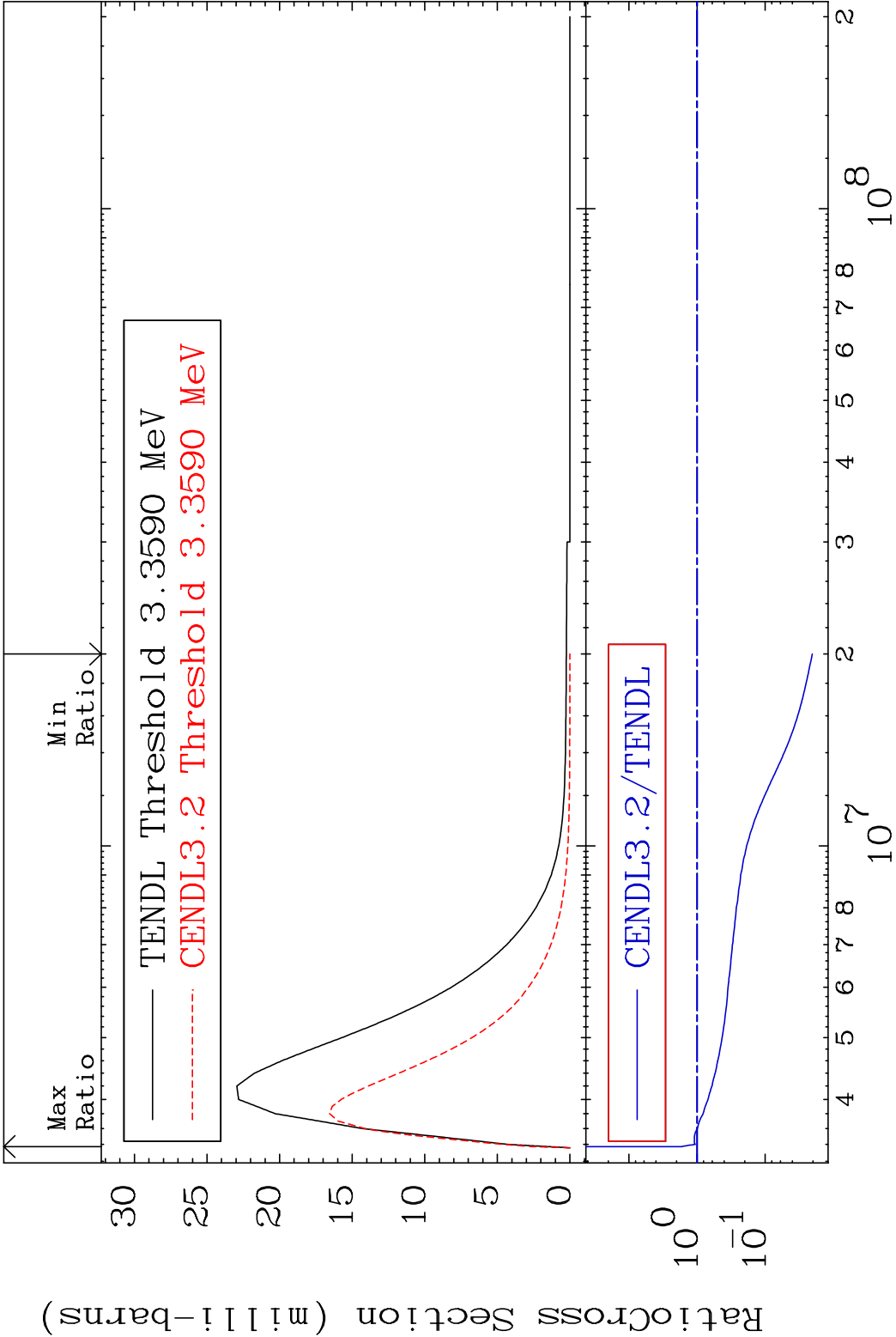
MAT 3025

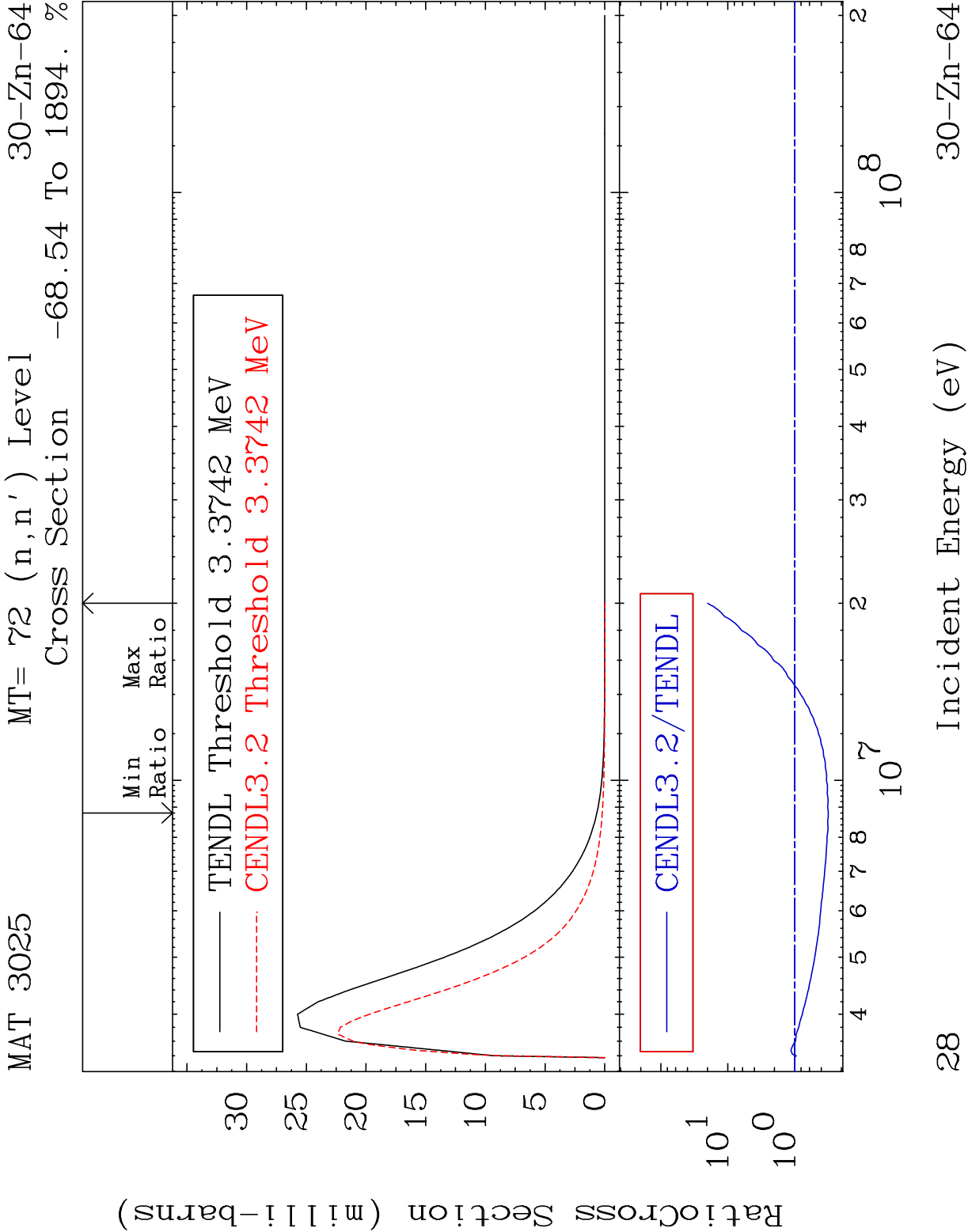
MT= 71 (n,n') Level

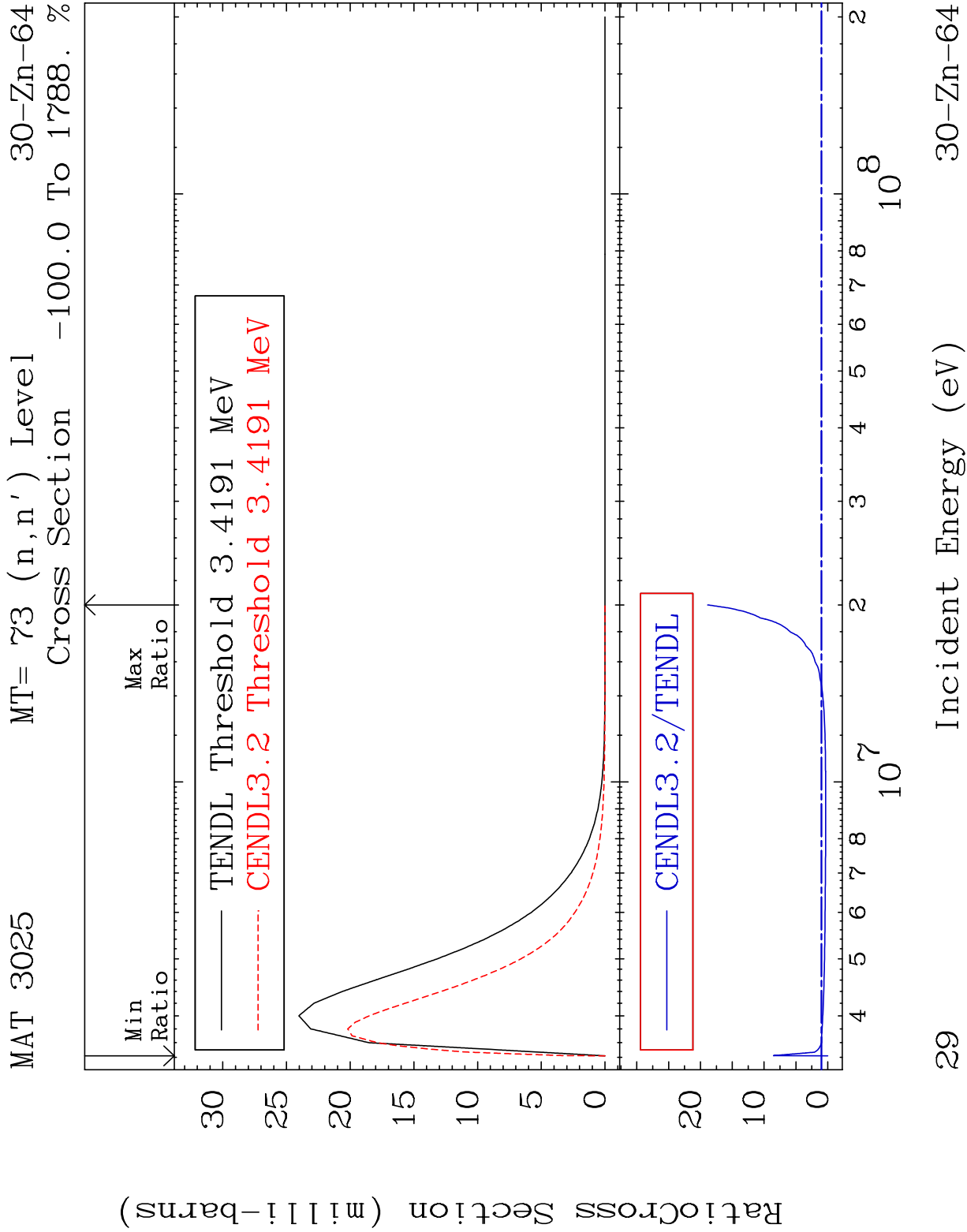
30-Zn-64

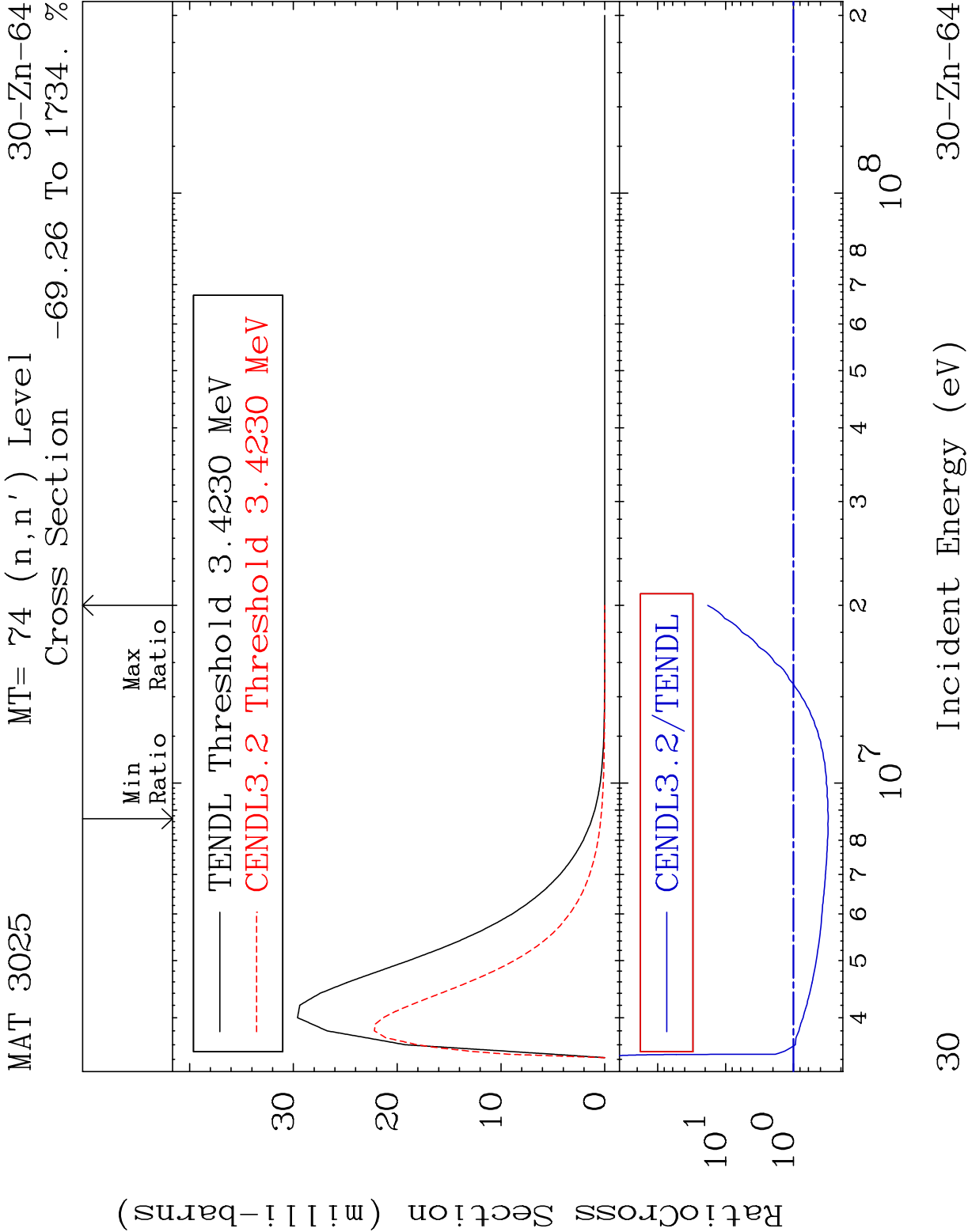
Cross Section

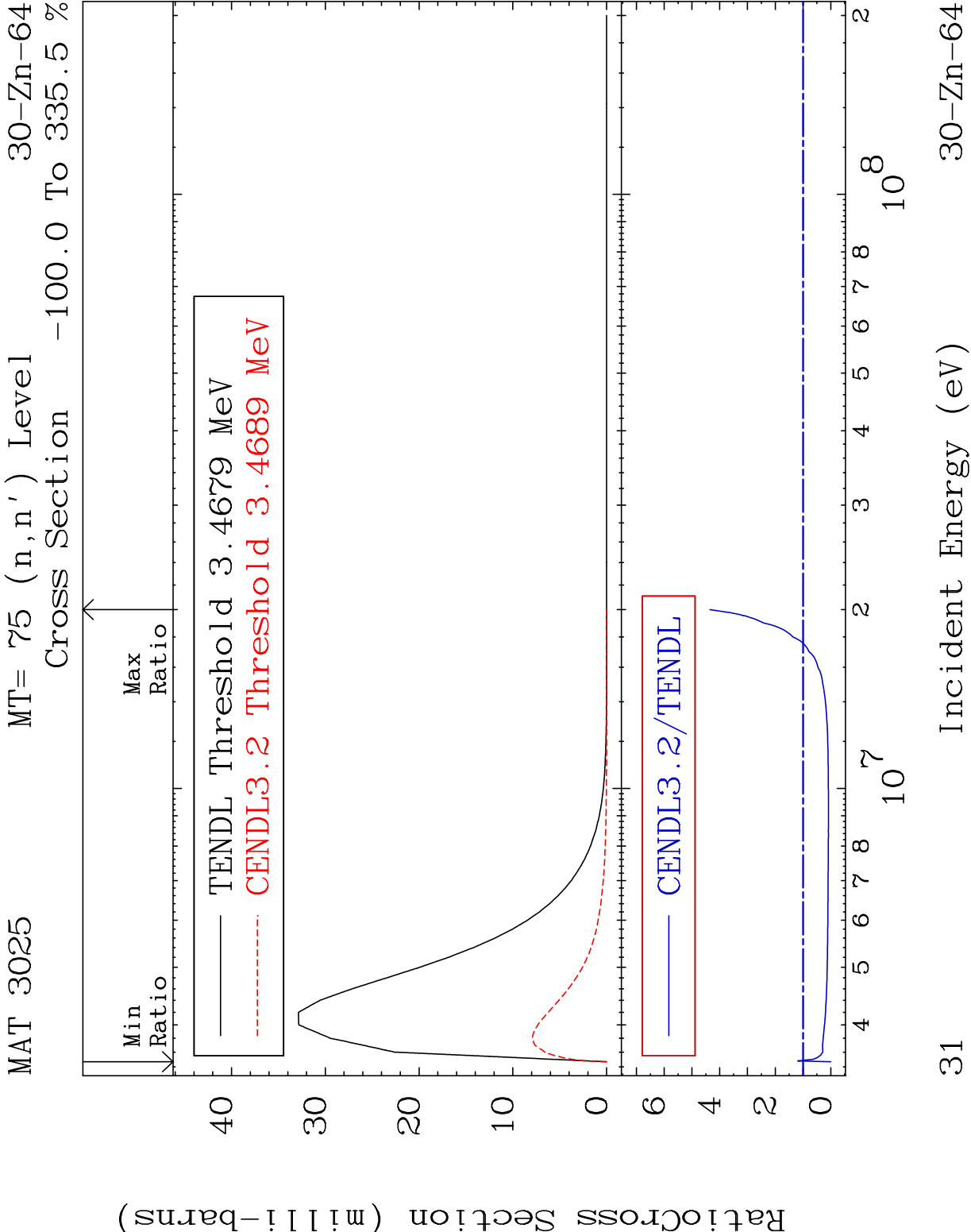
-97.95 To 68.76 %

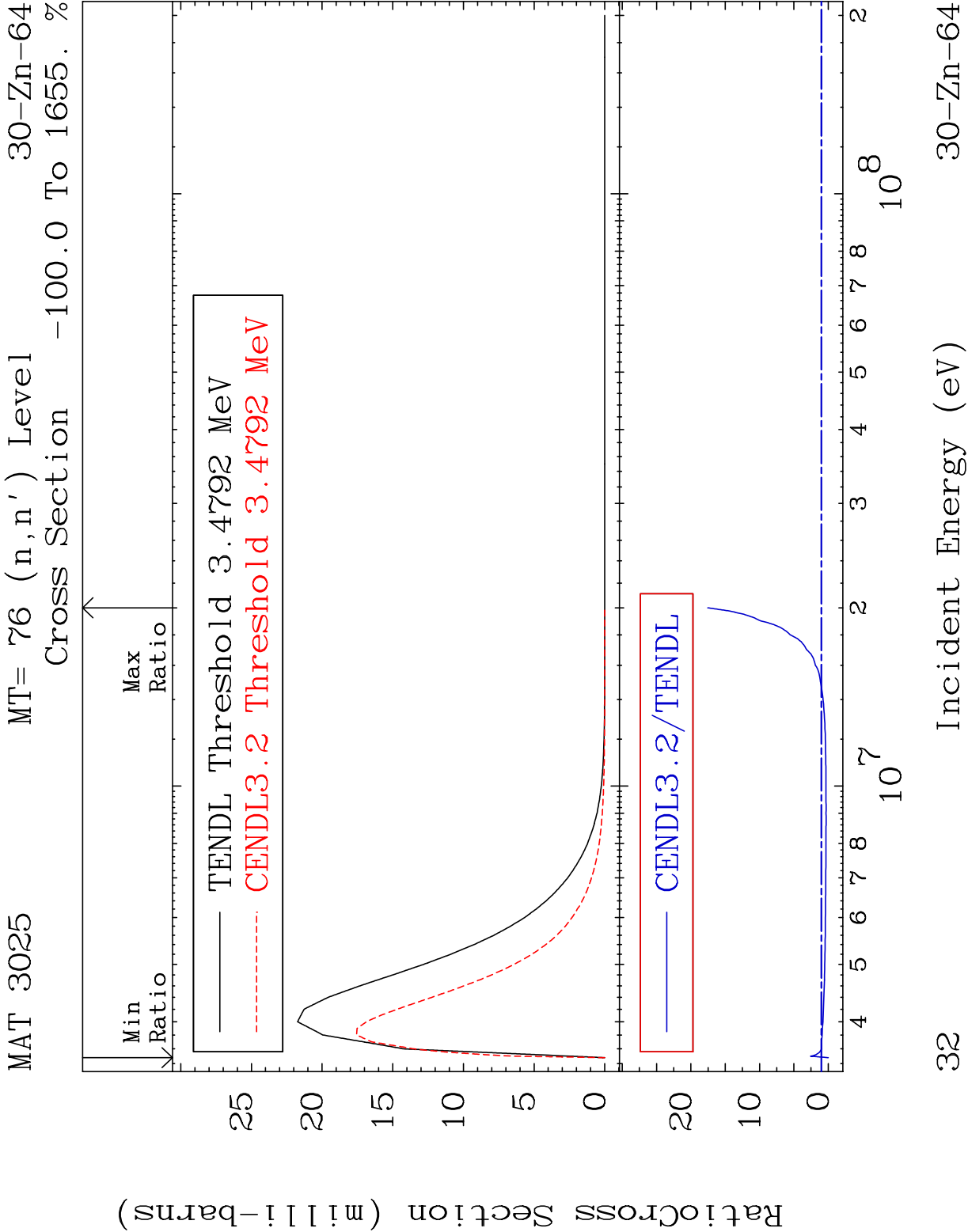


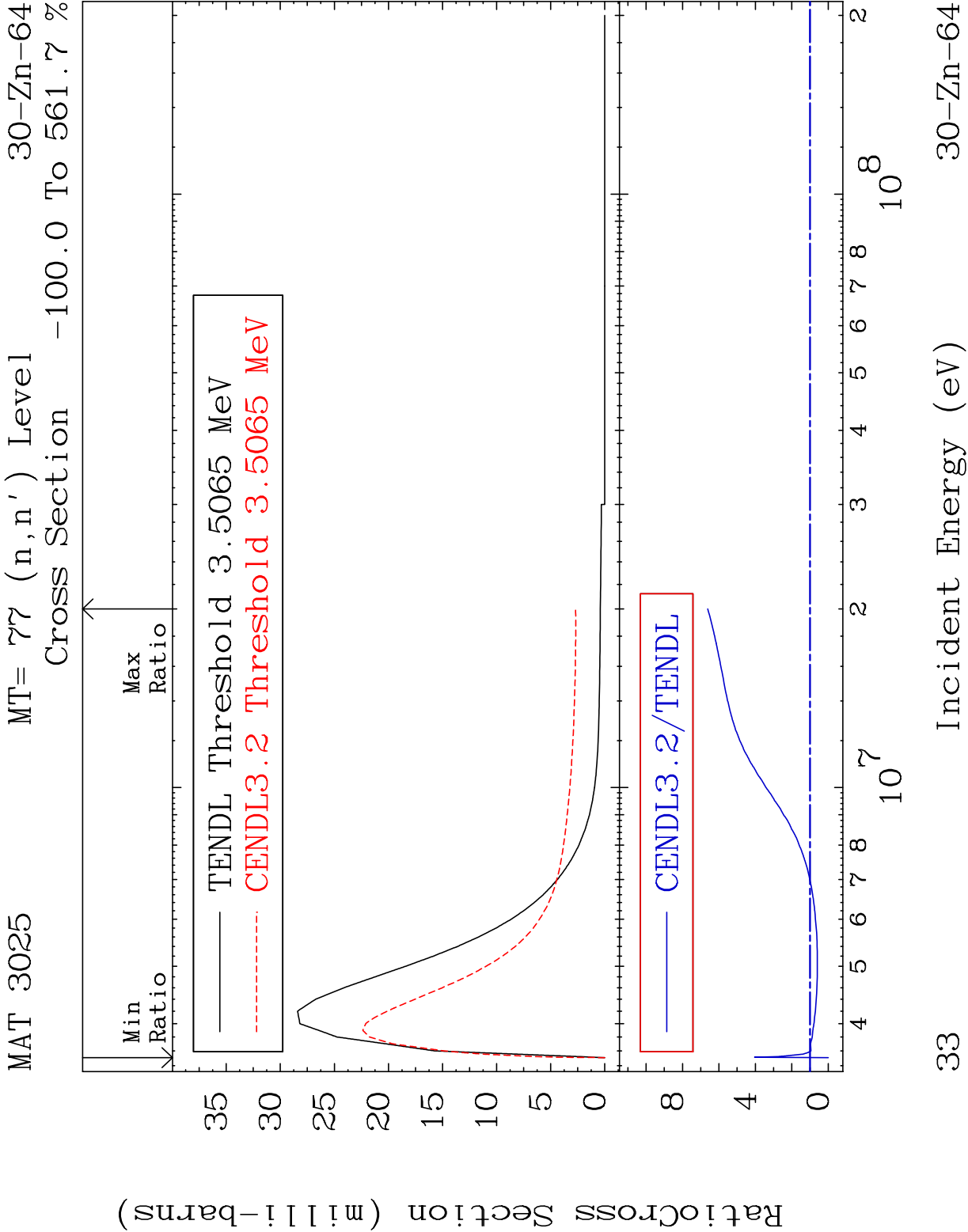












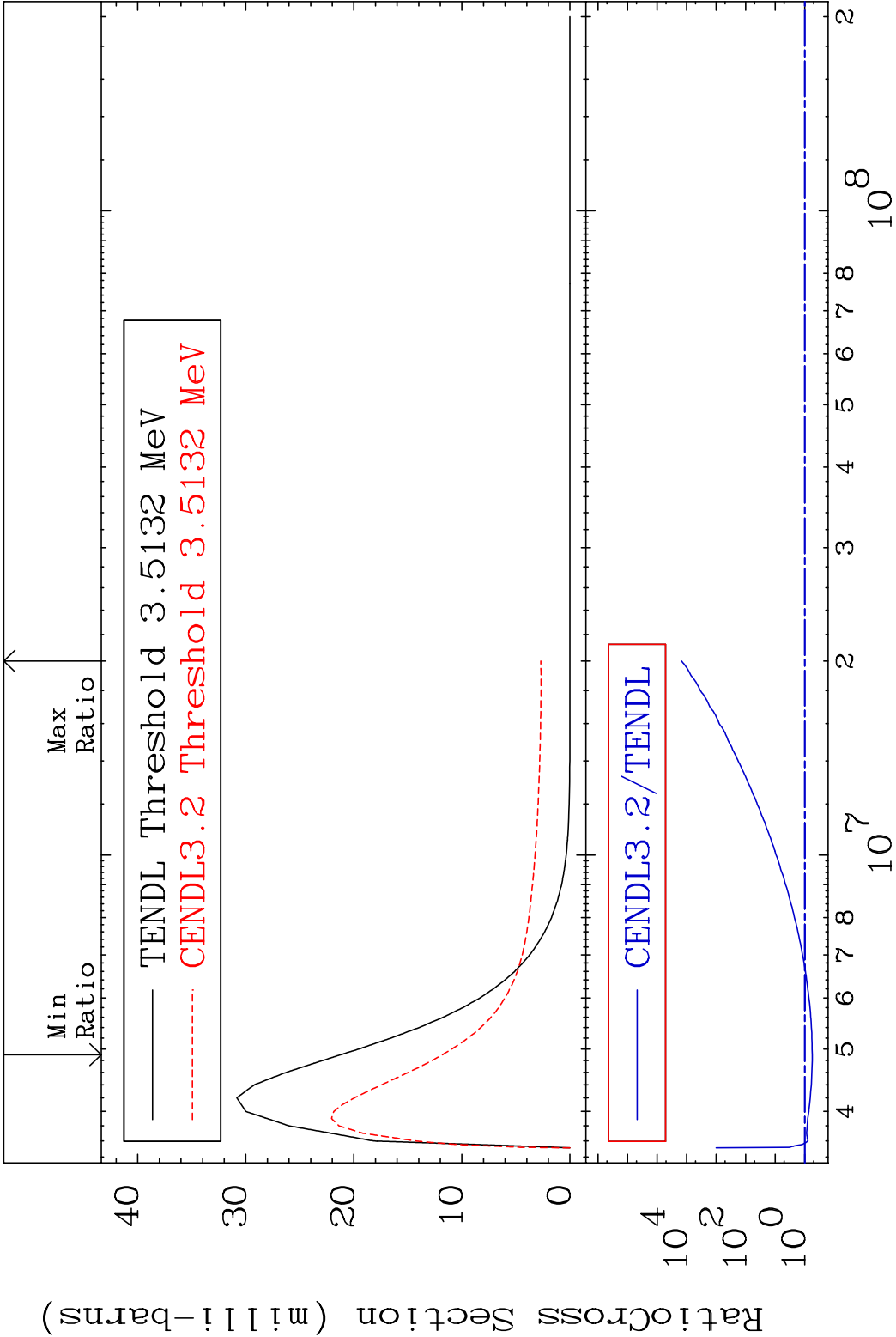
MAT 3025

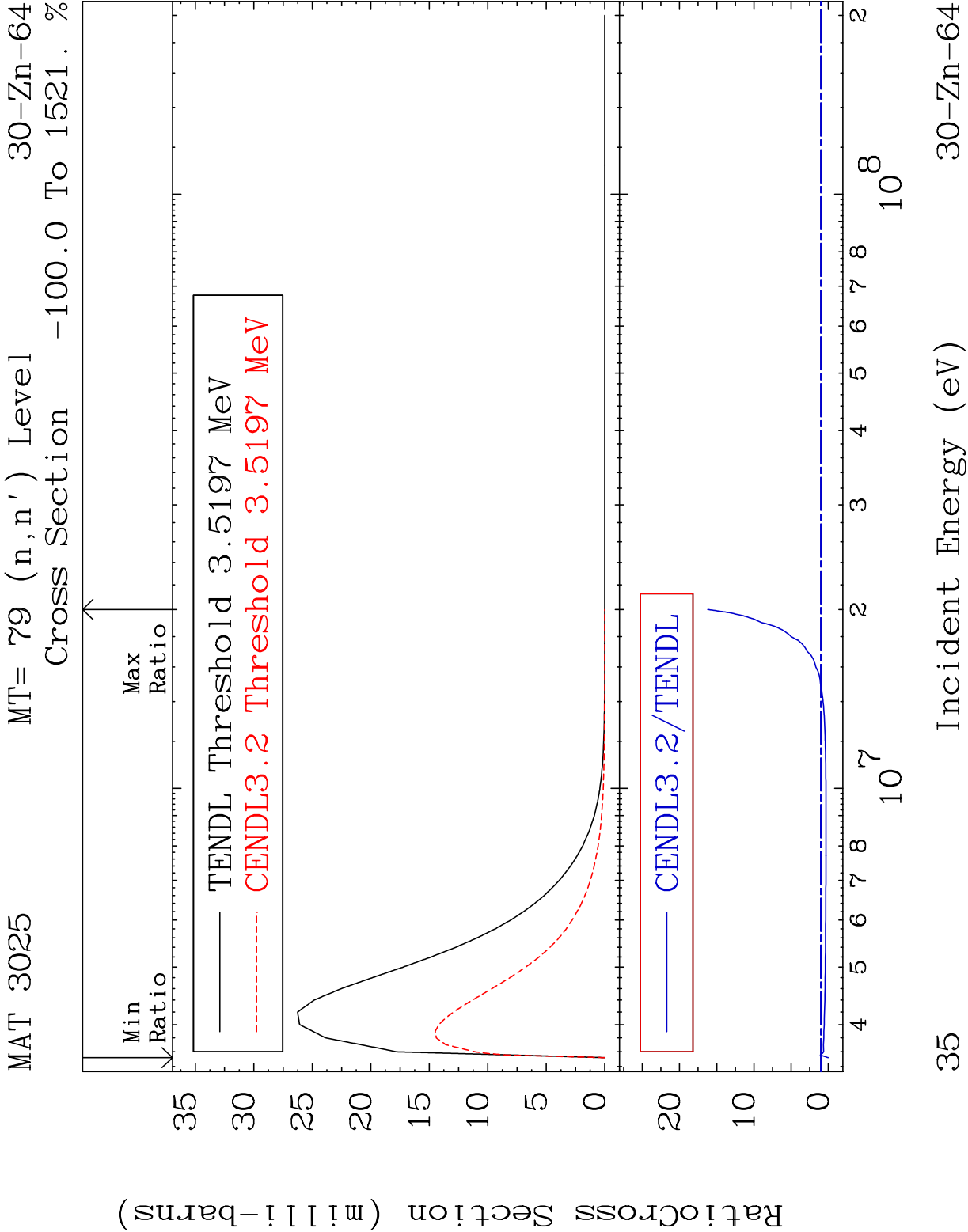
MT= 78 (n,n') Level

30-Zn-64

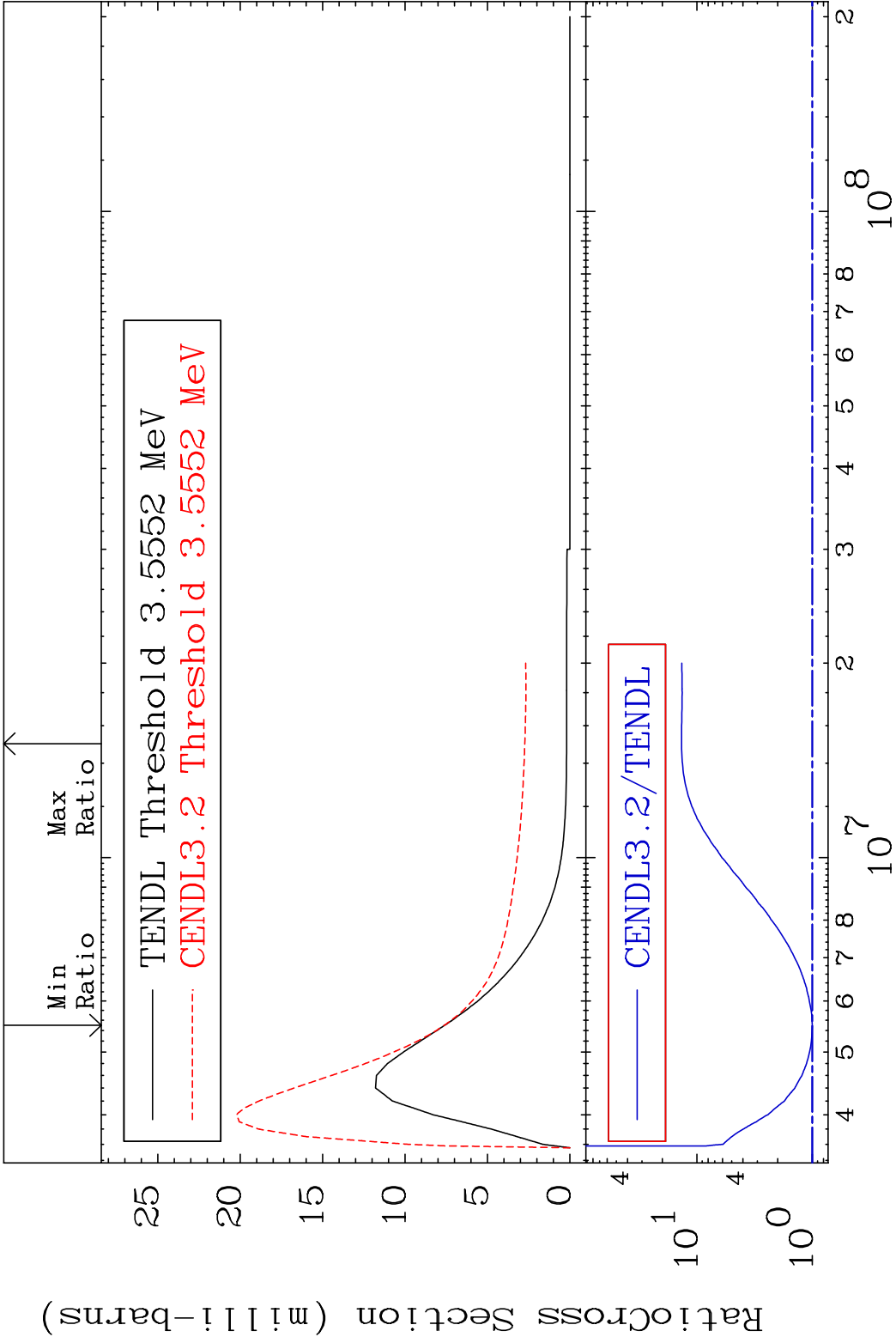
Cross Section

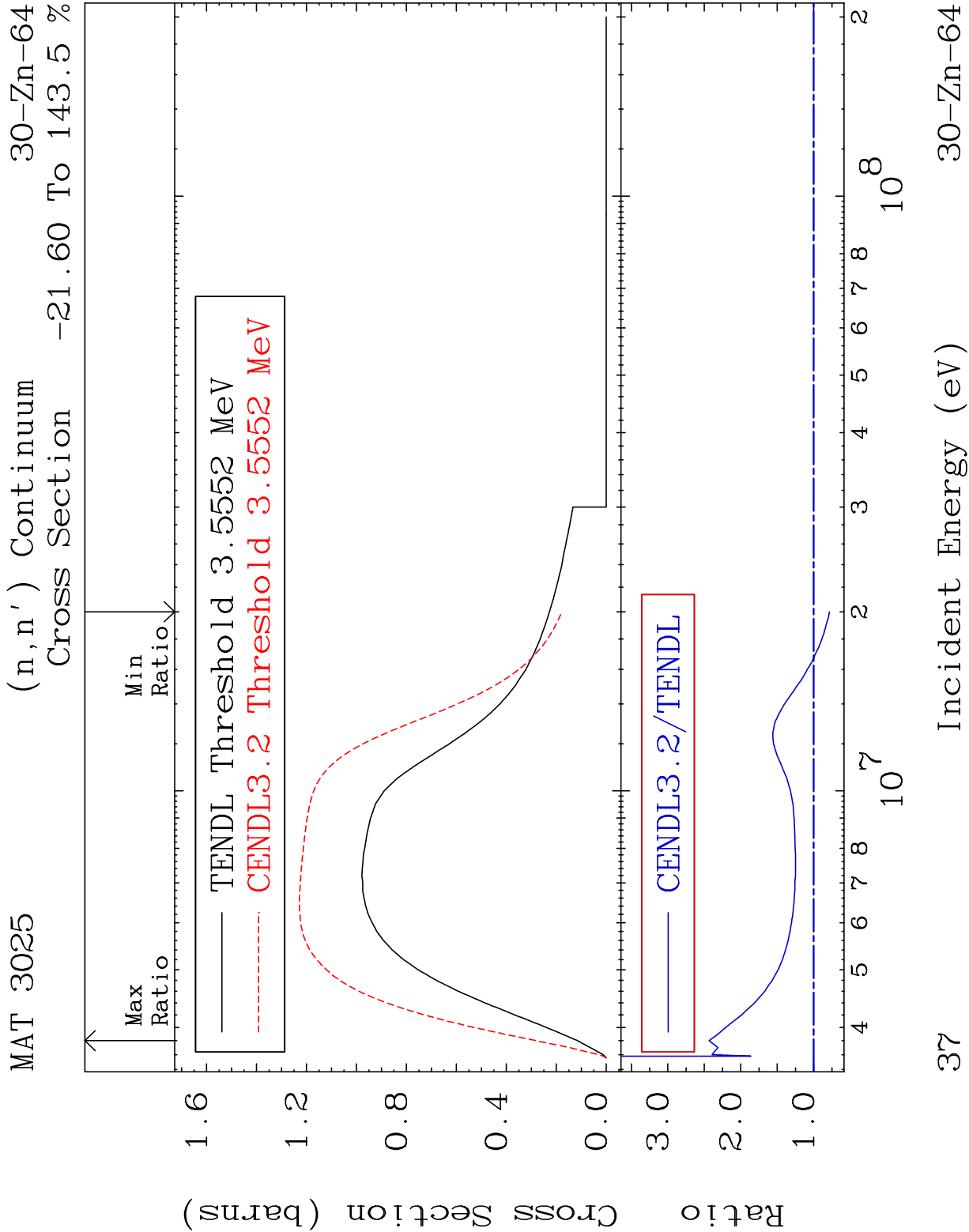
-44.37 To 9999. %





MAT 3025 MT= 80 (n,n') Level 30-Zn-64
Cross Section 0.190 To 1262. %





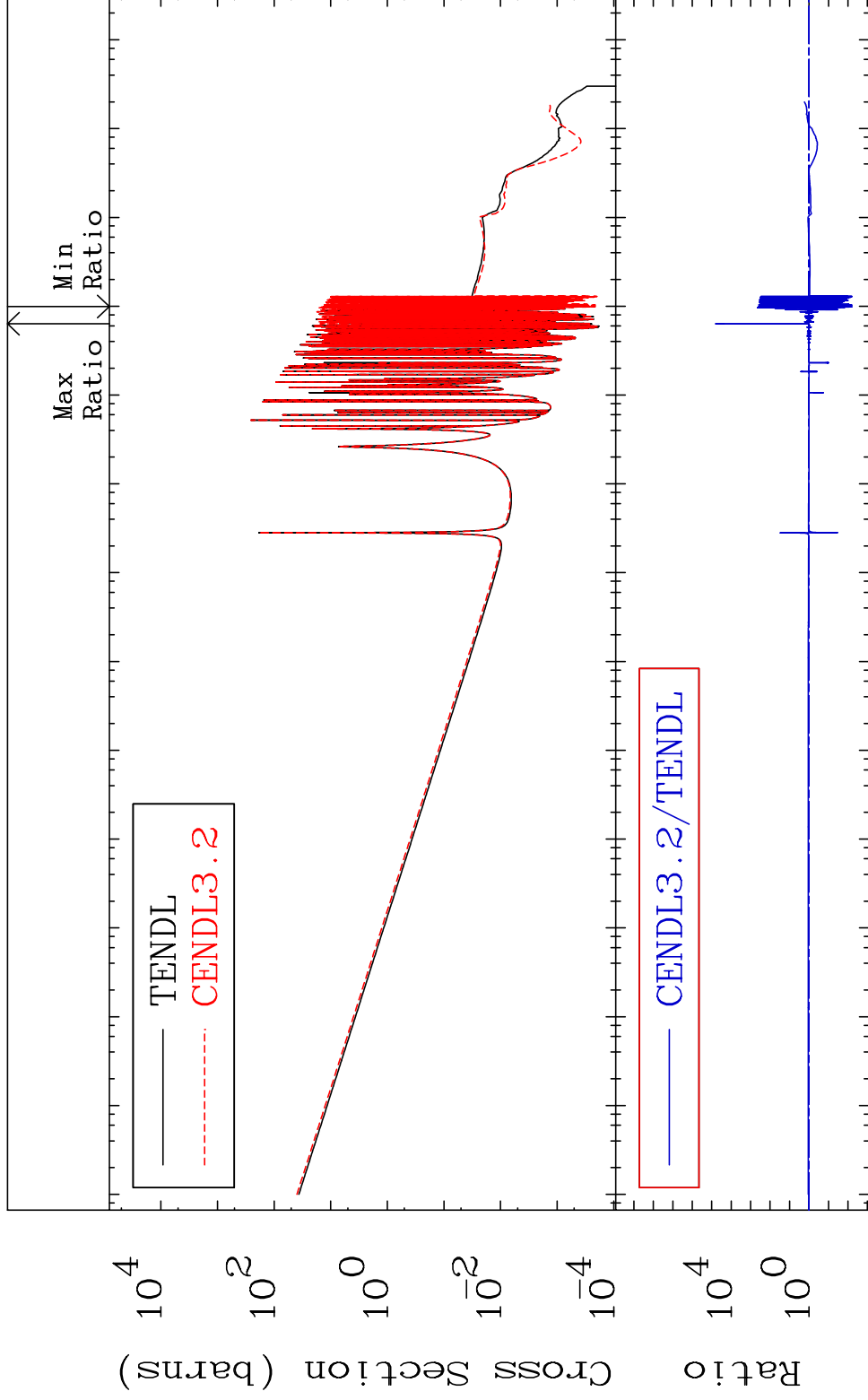
MAT 3025

(n, γ)

30-Zn-64

Cross Section

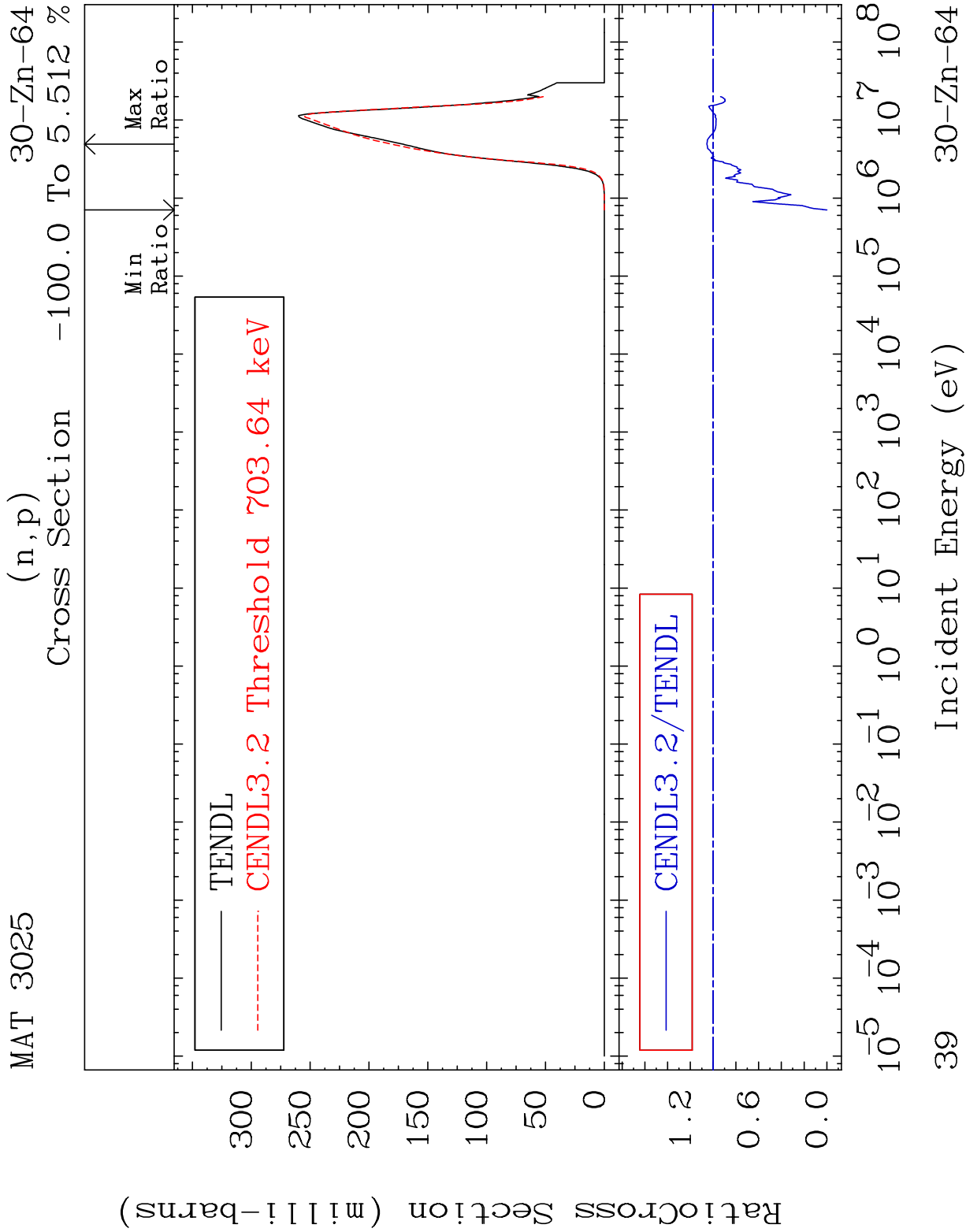
-99.40 To 9999. %

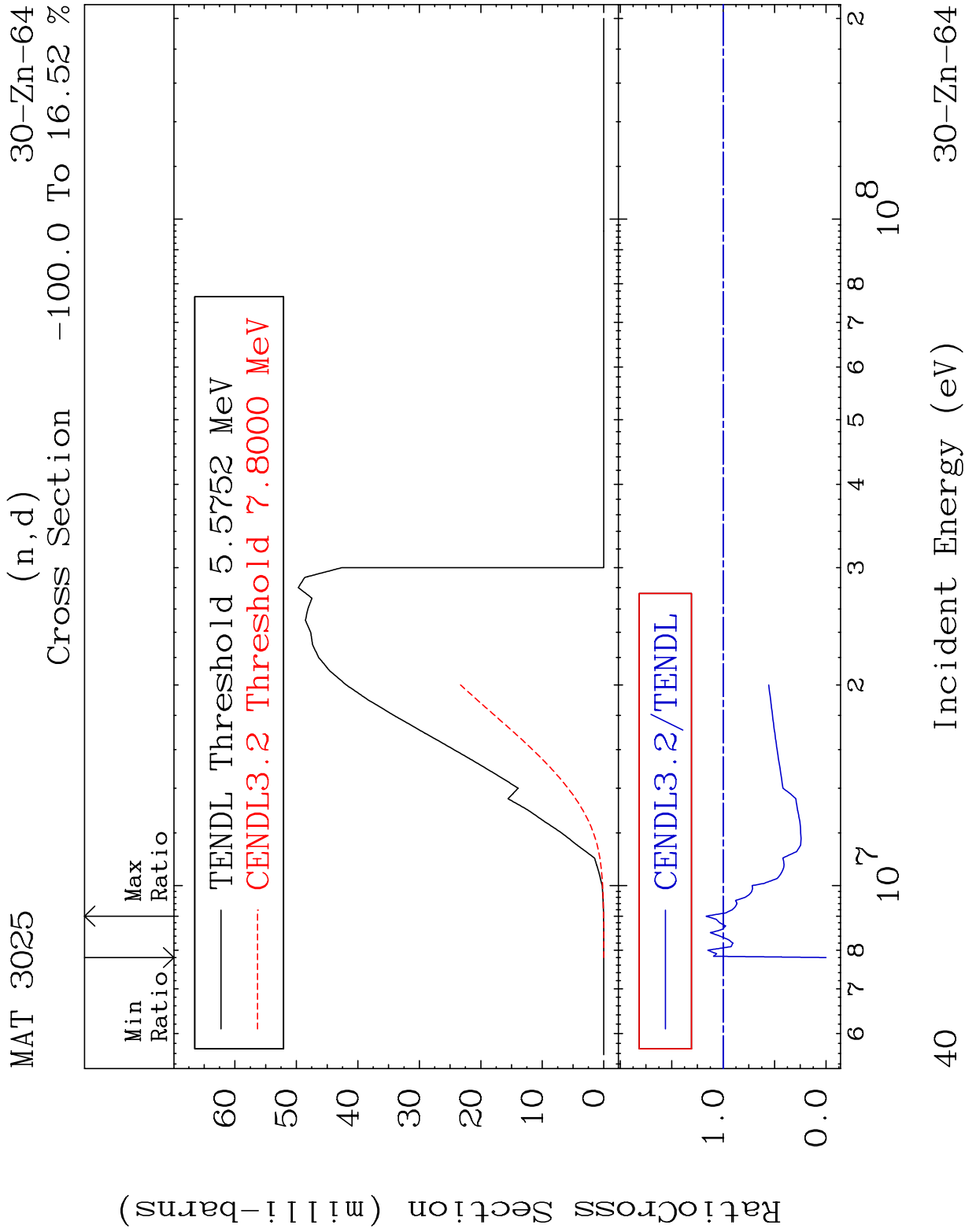


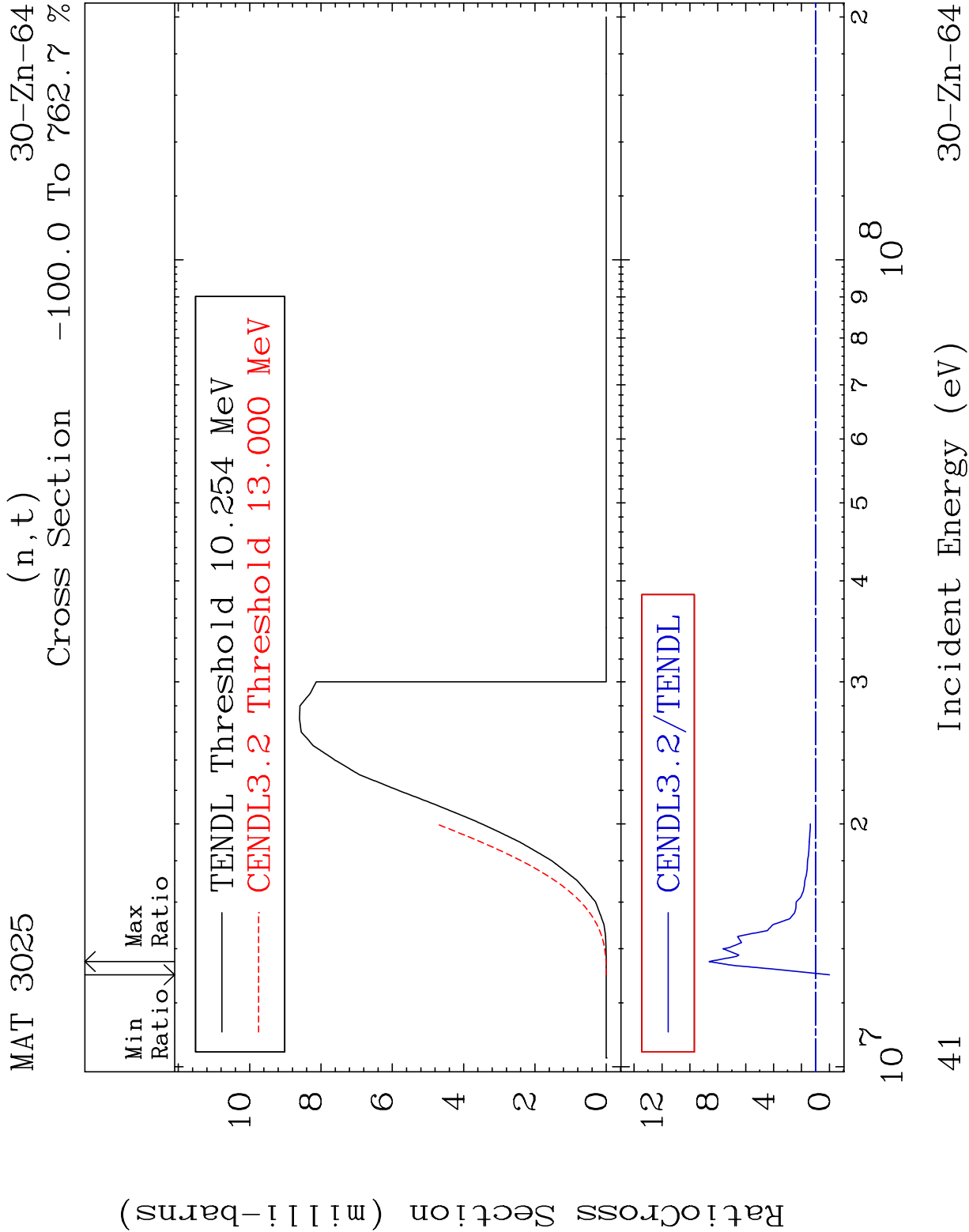
Incident Energy (eV)

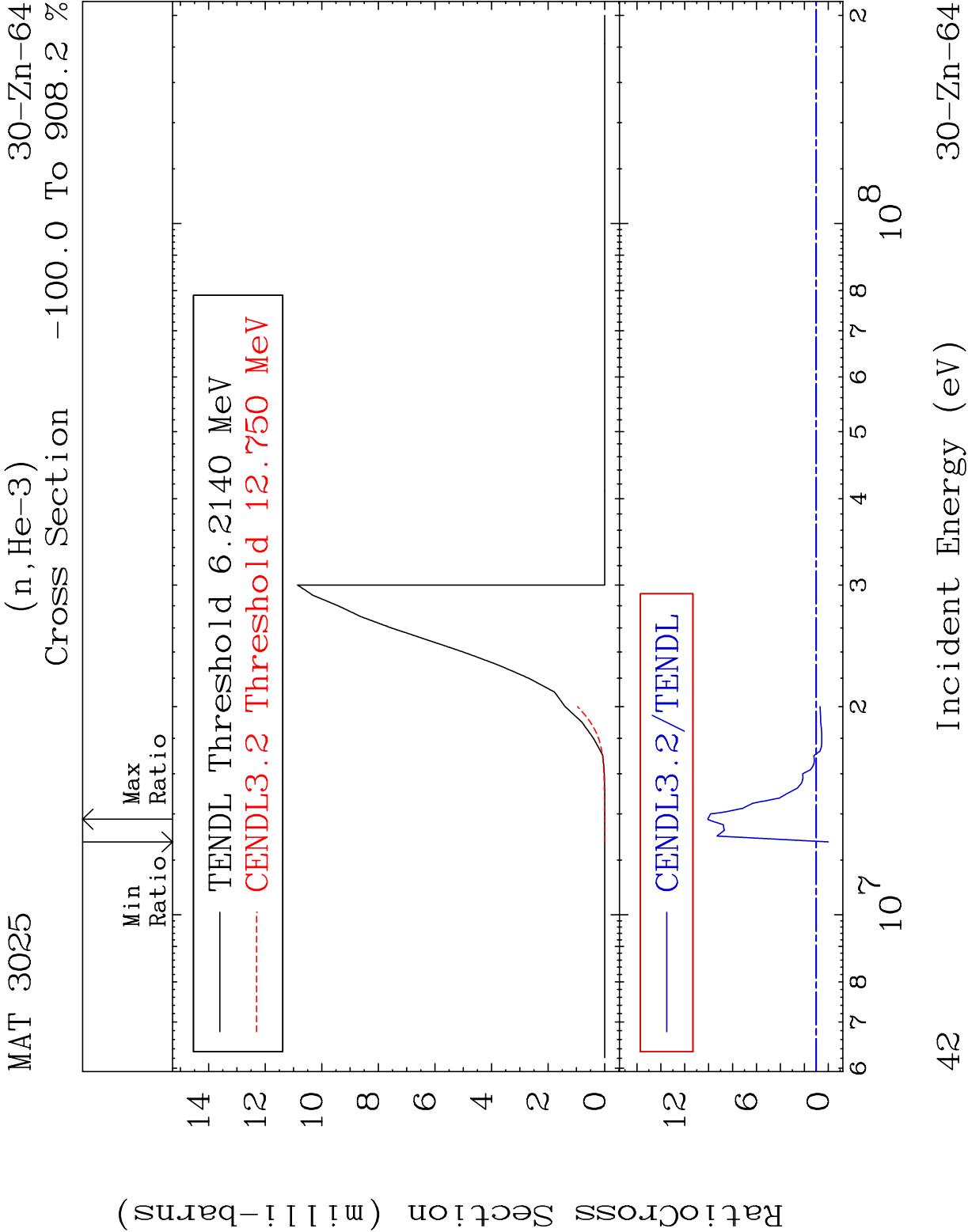
38

30-Zn-64



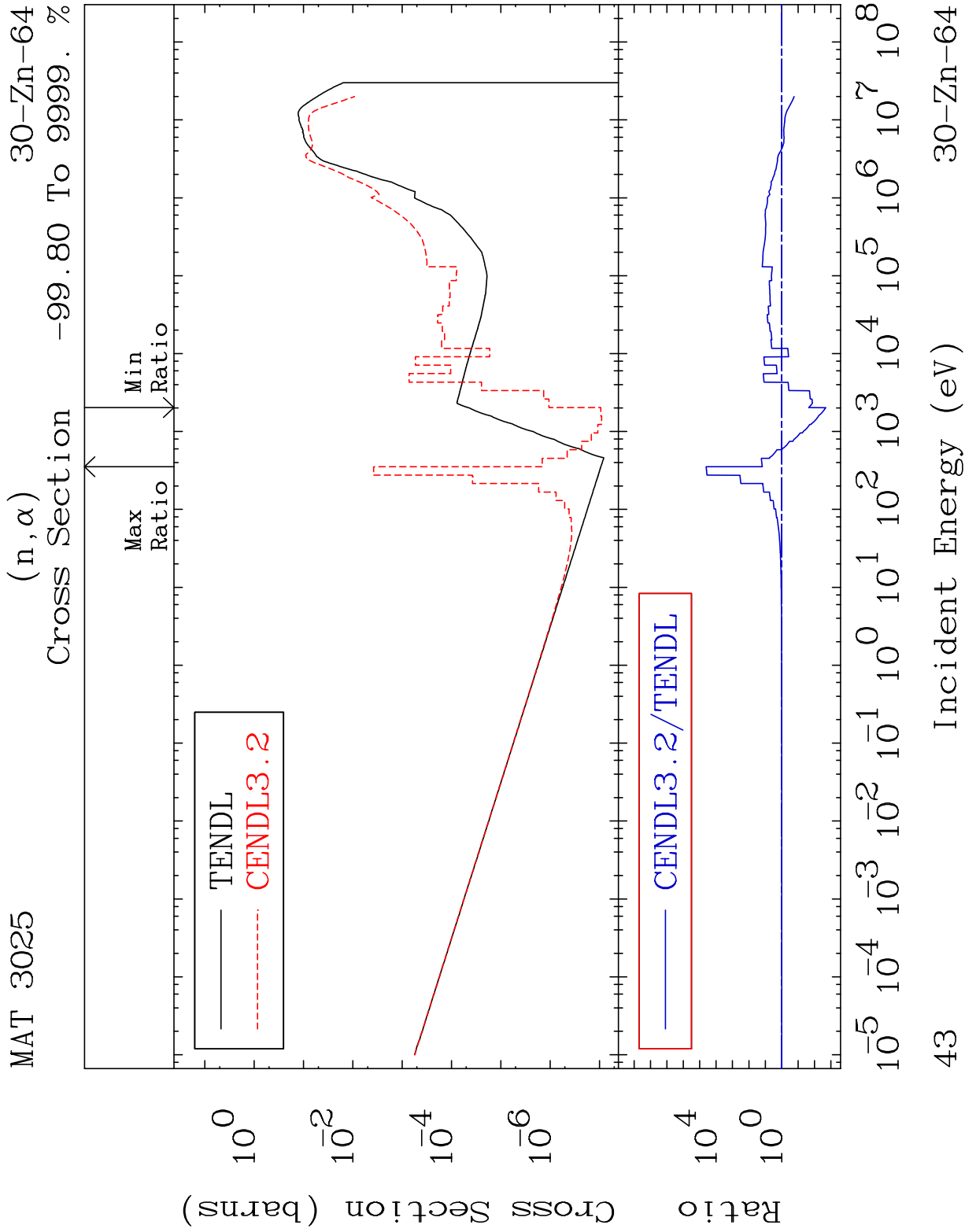


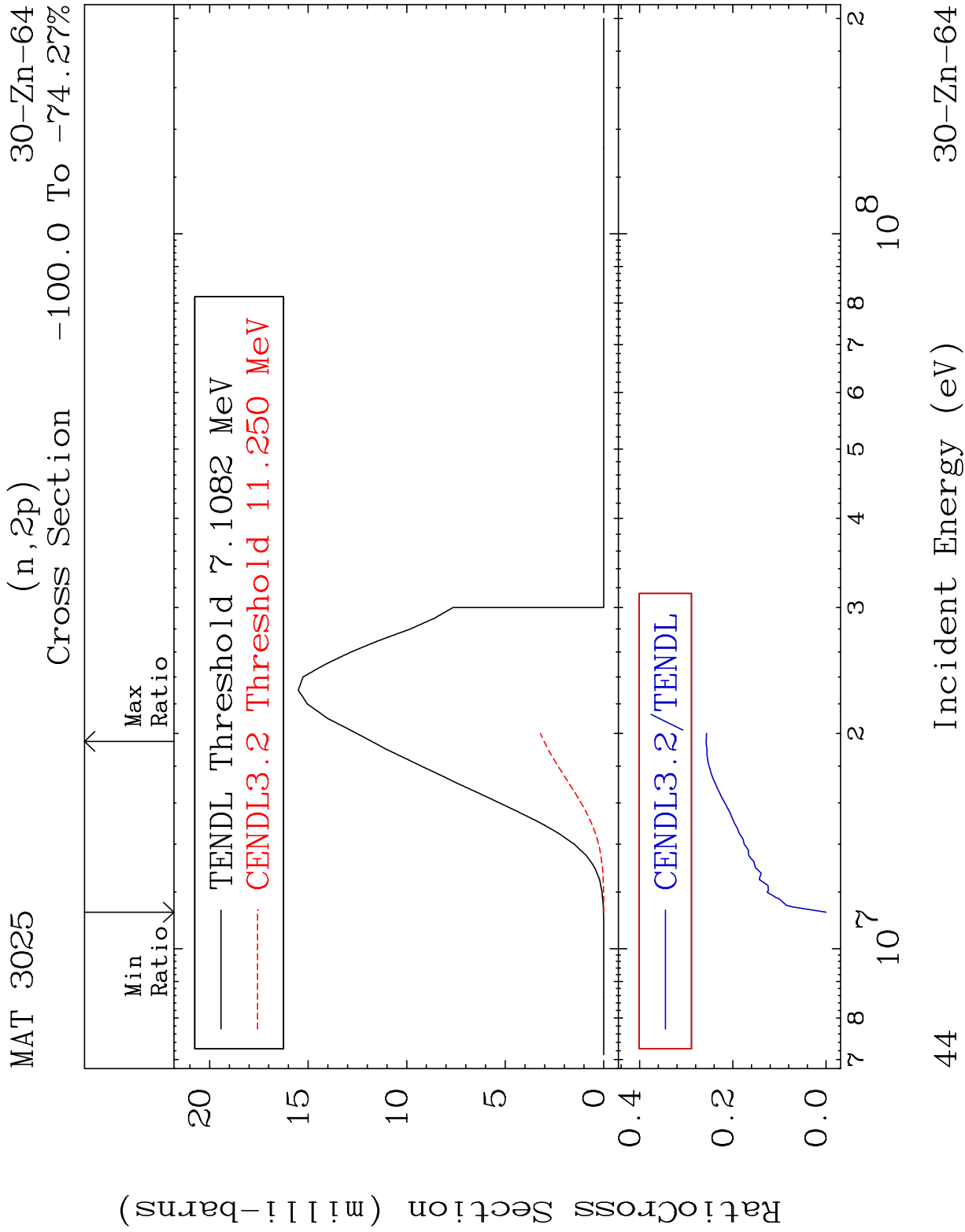


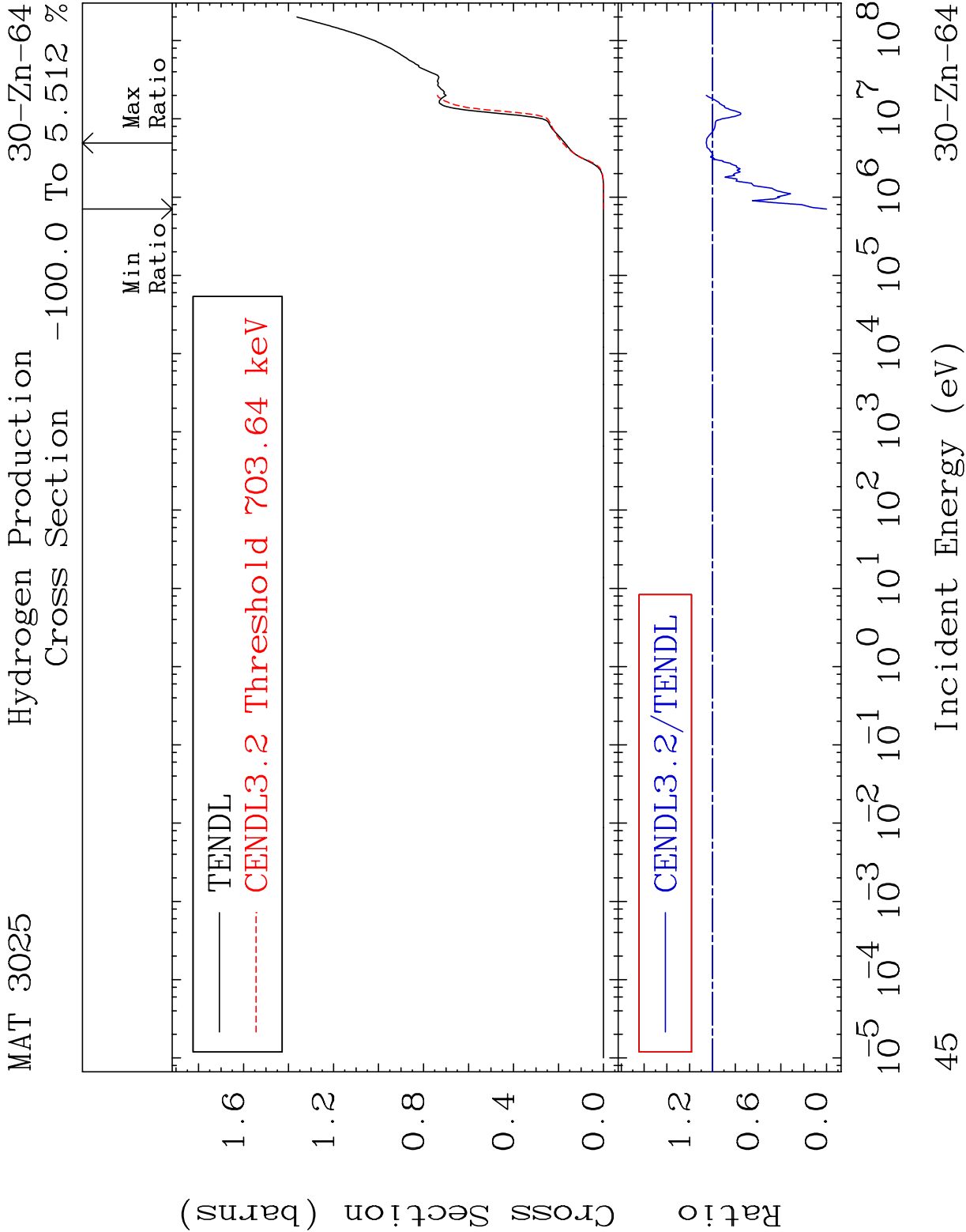


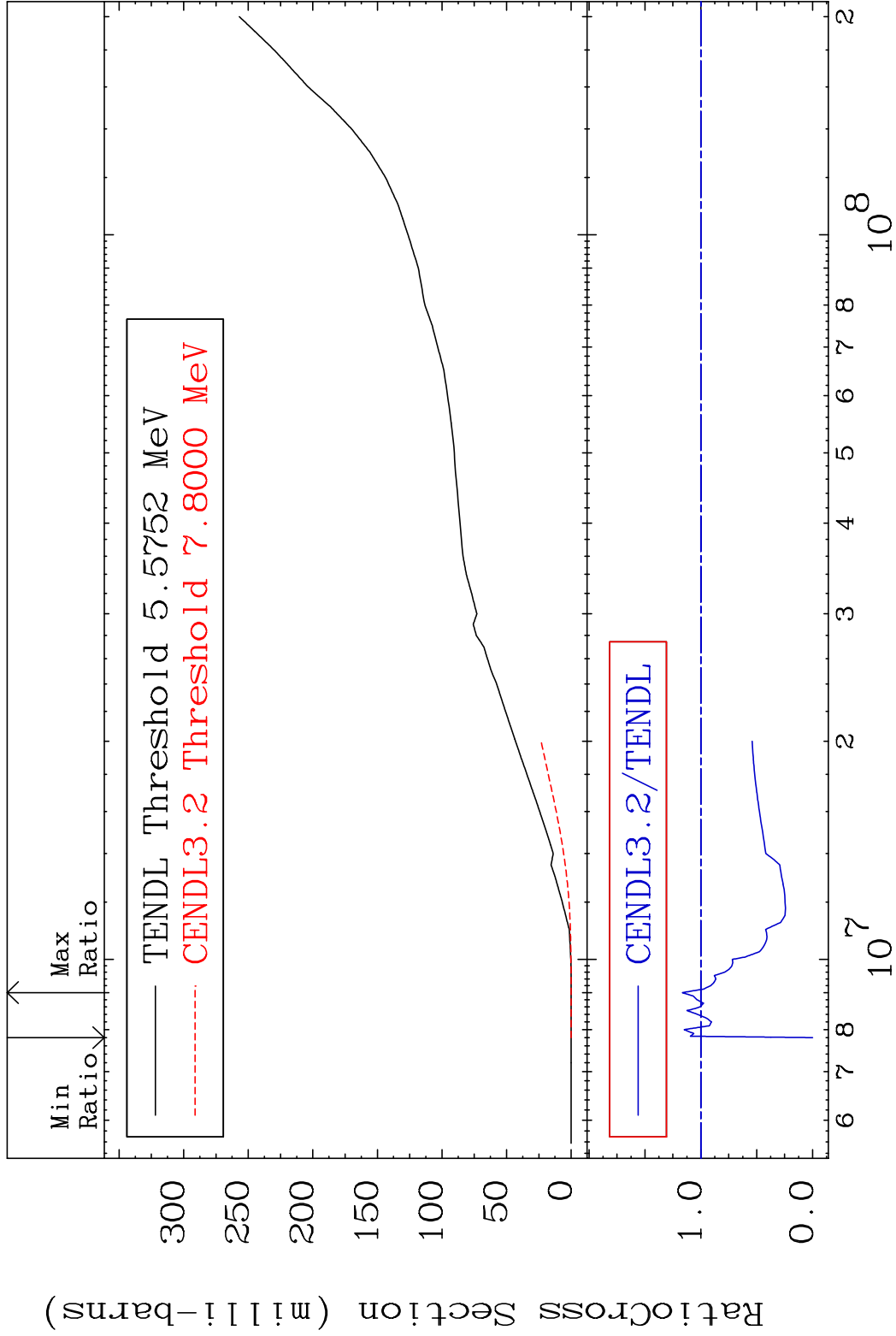
42

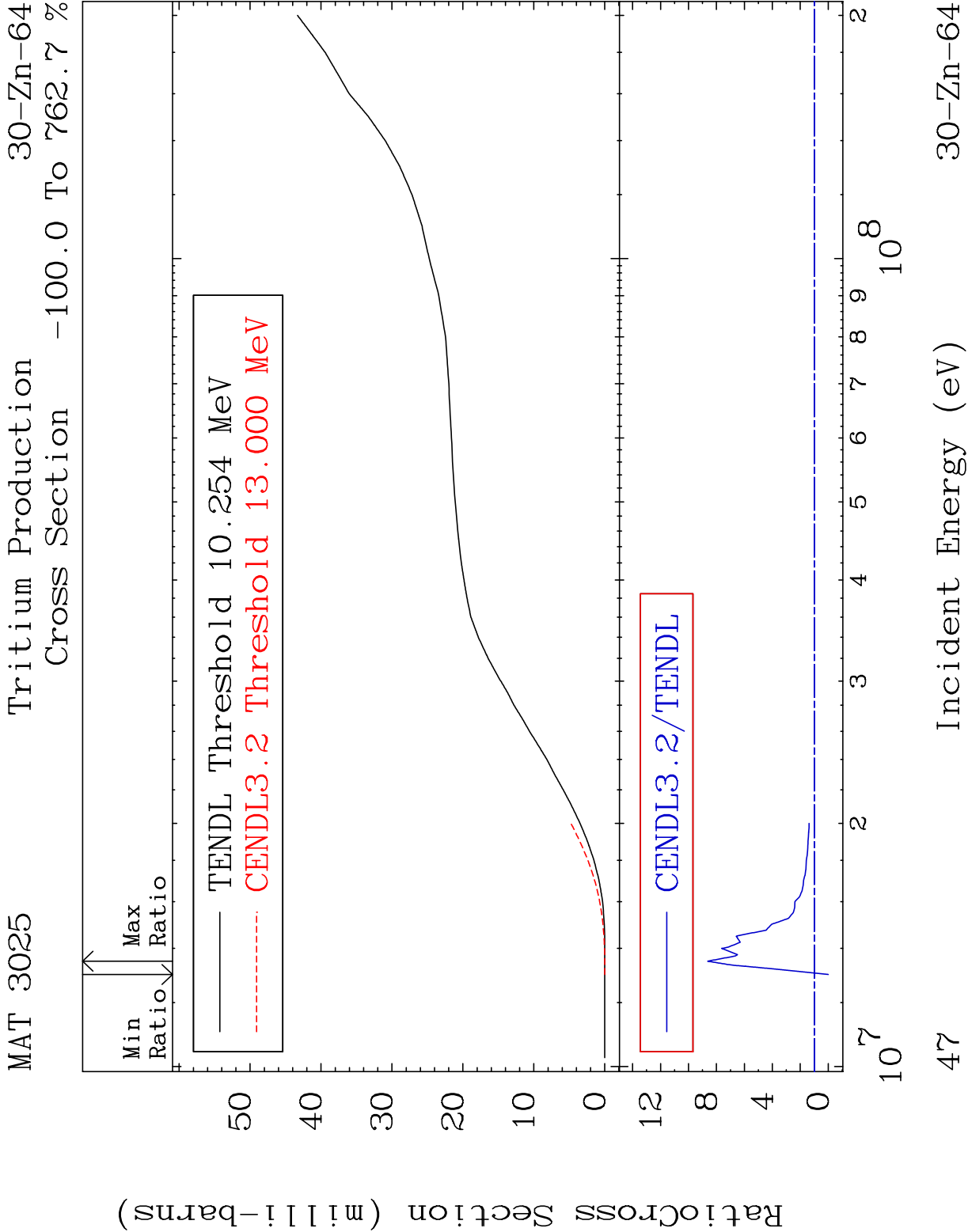
30-Zn-64

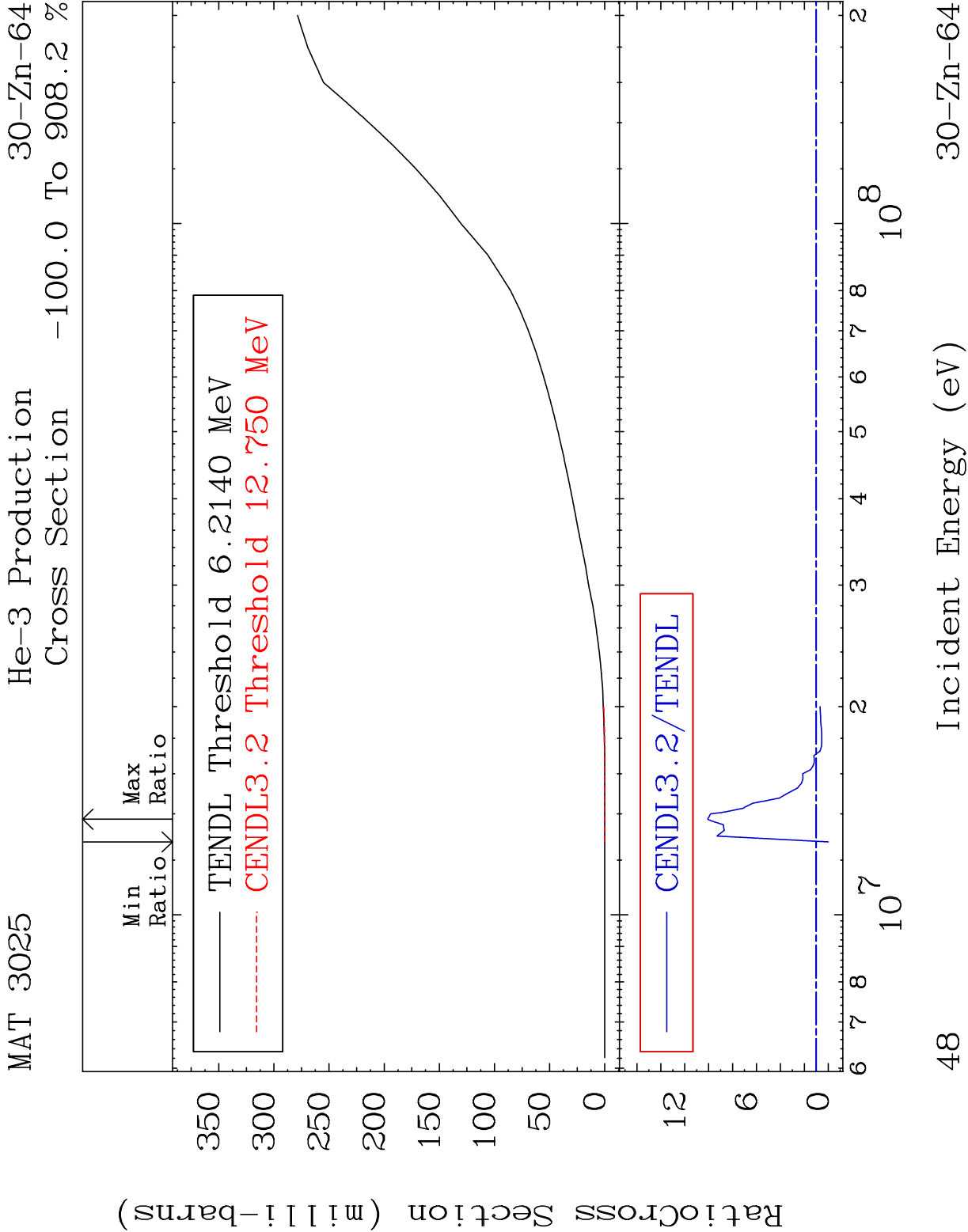


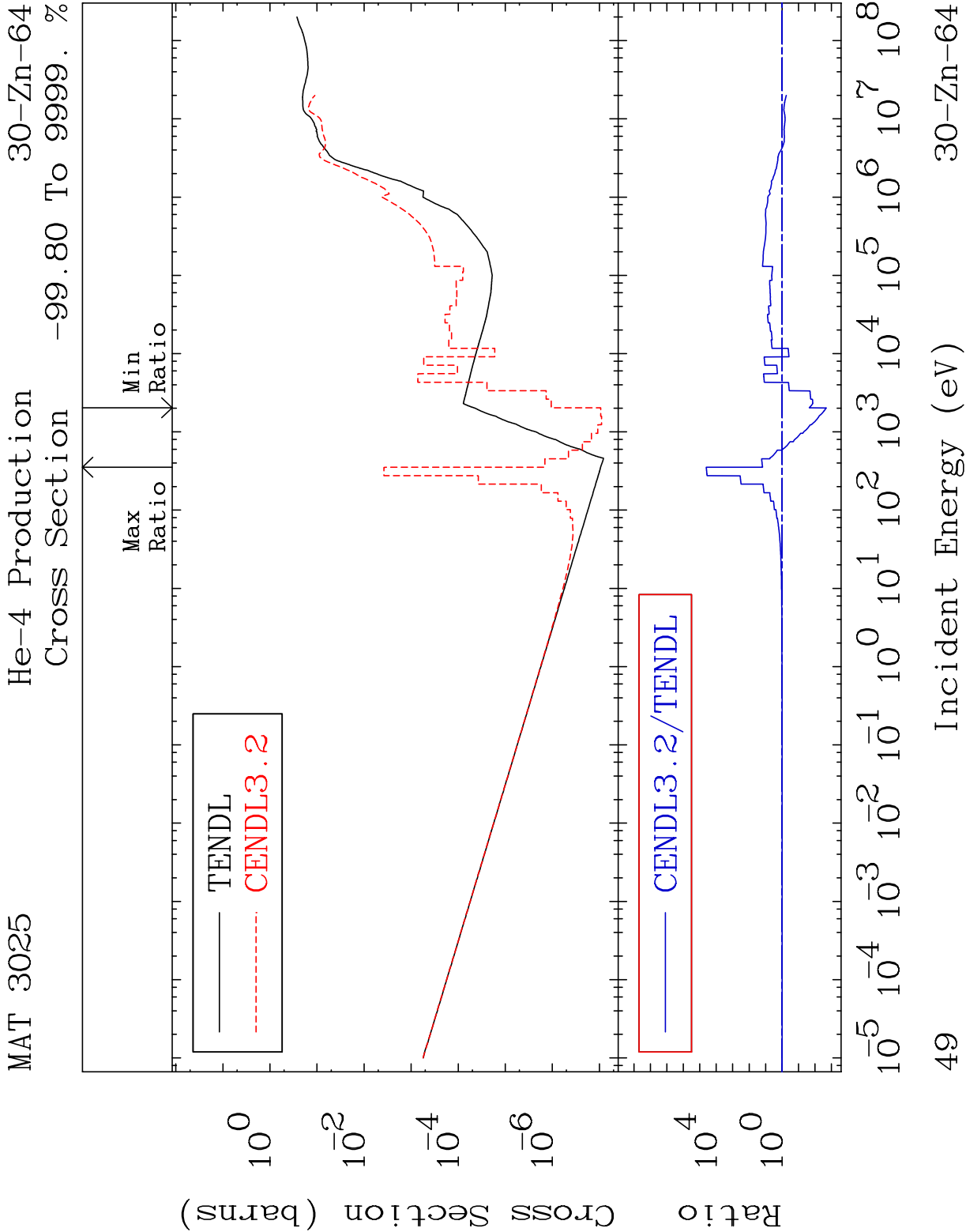


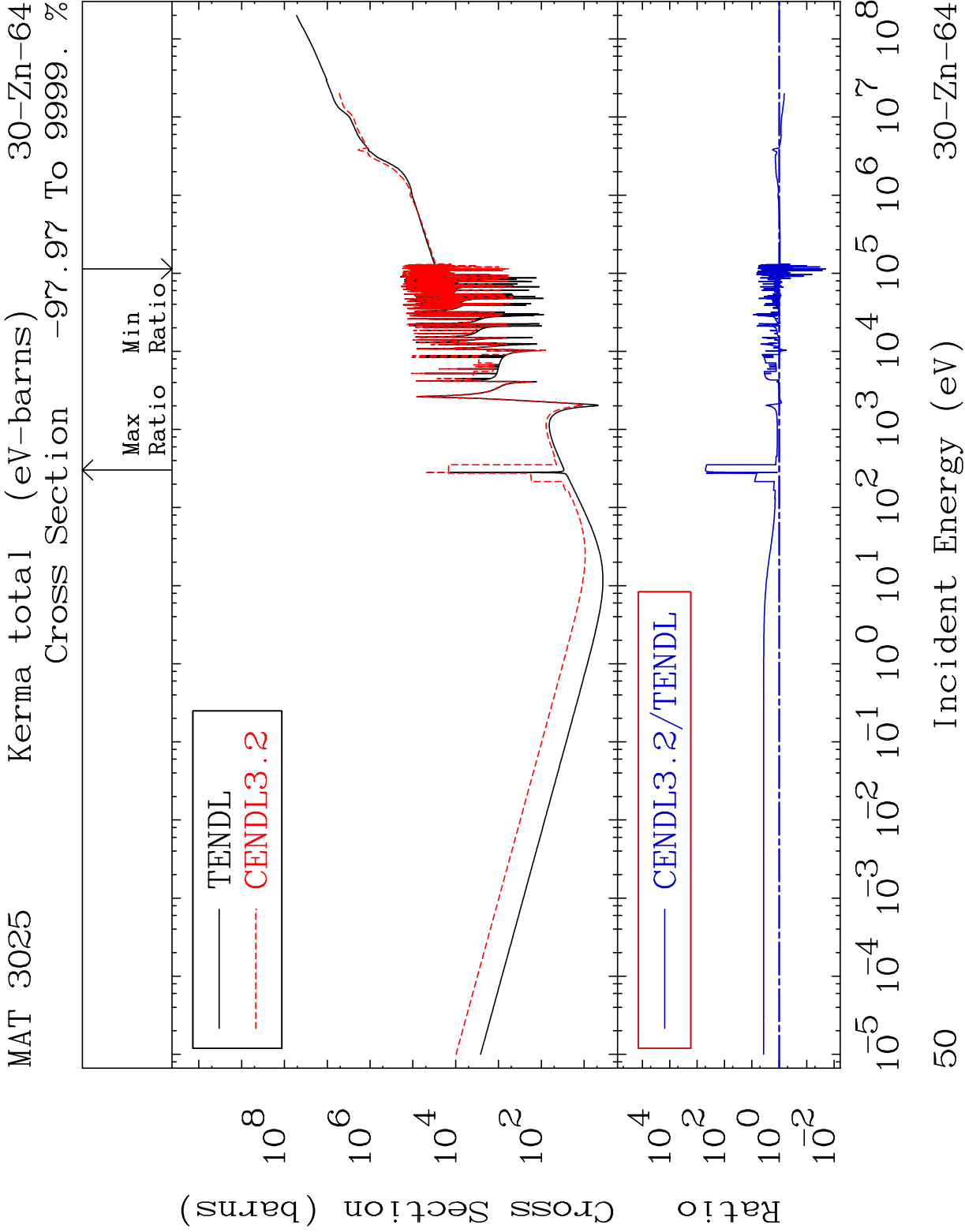


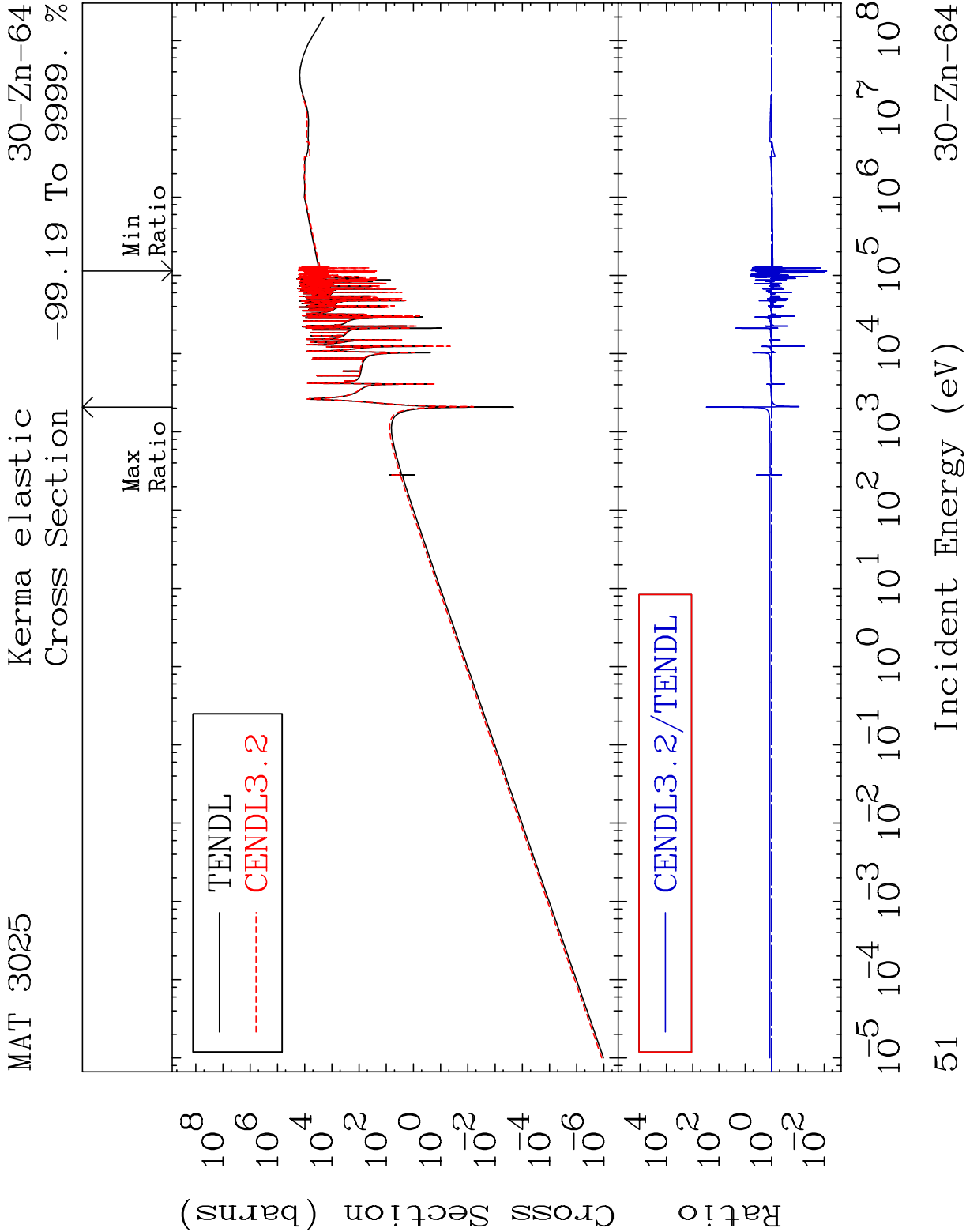


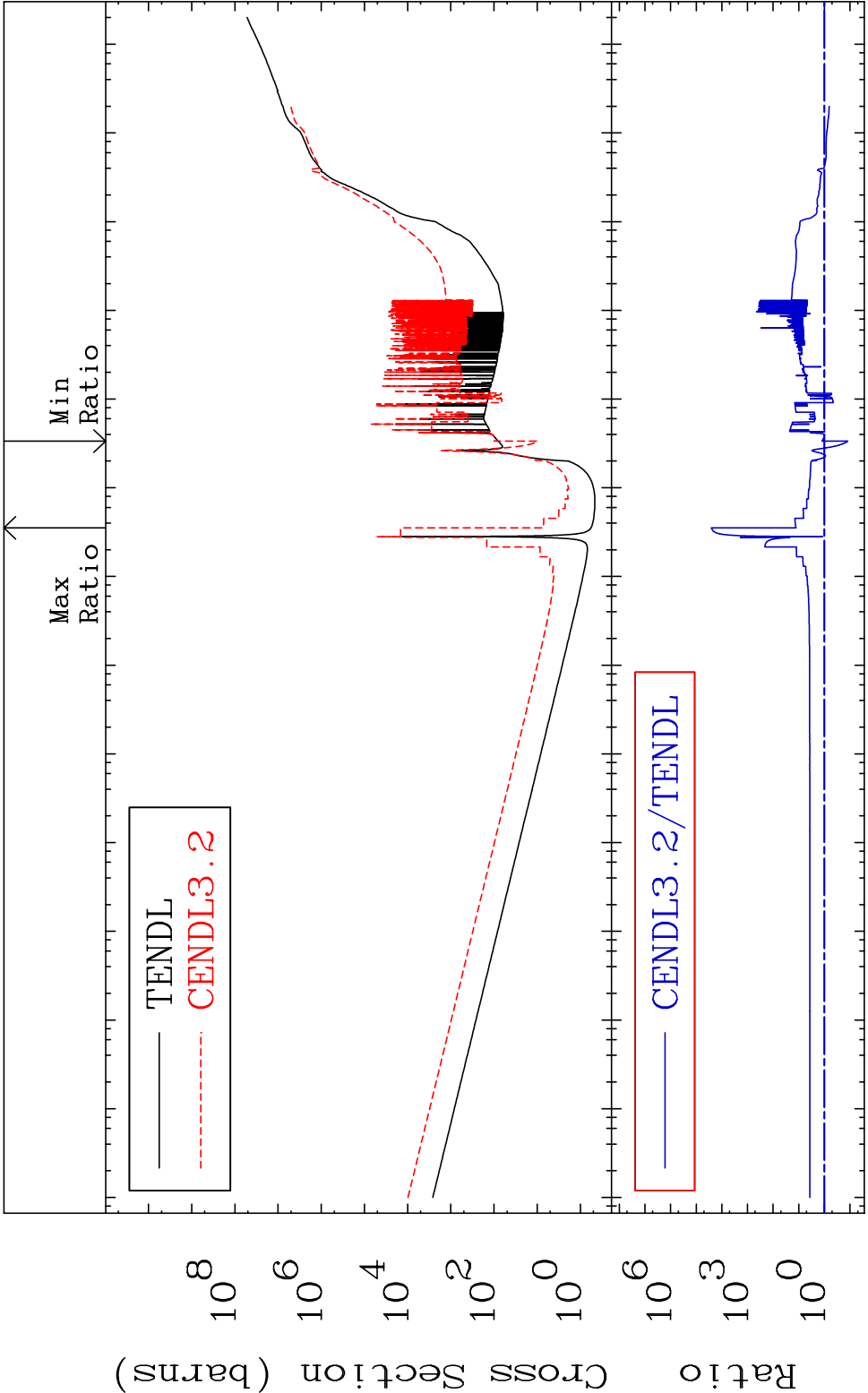


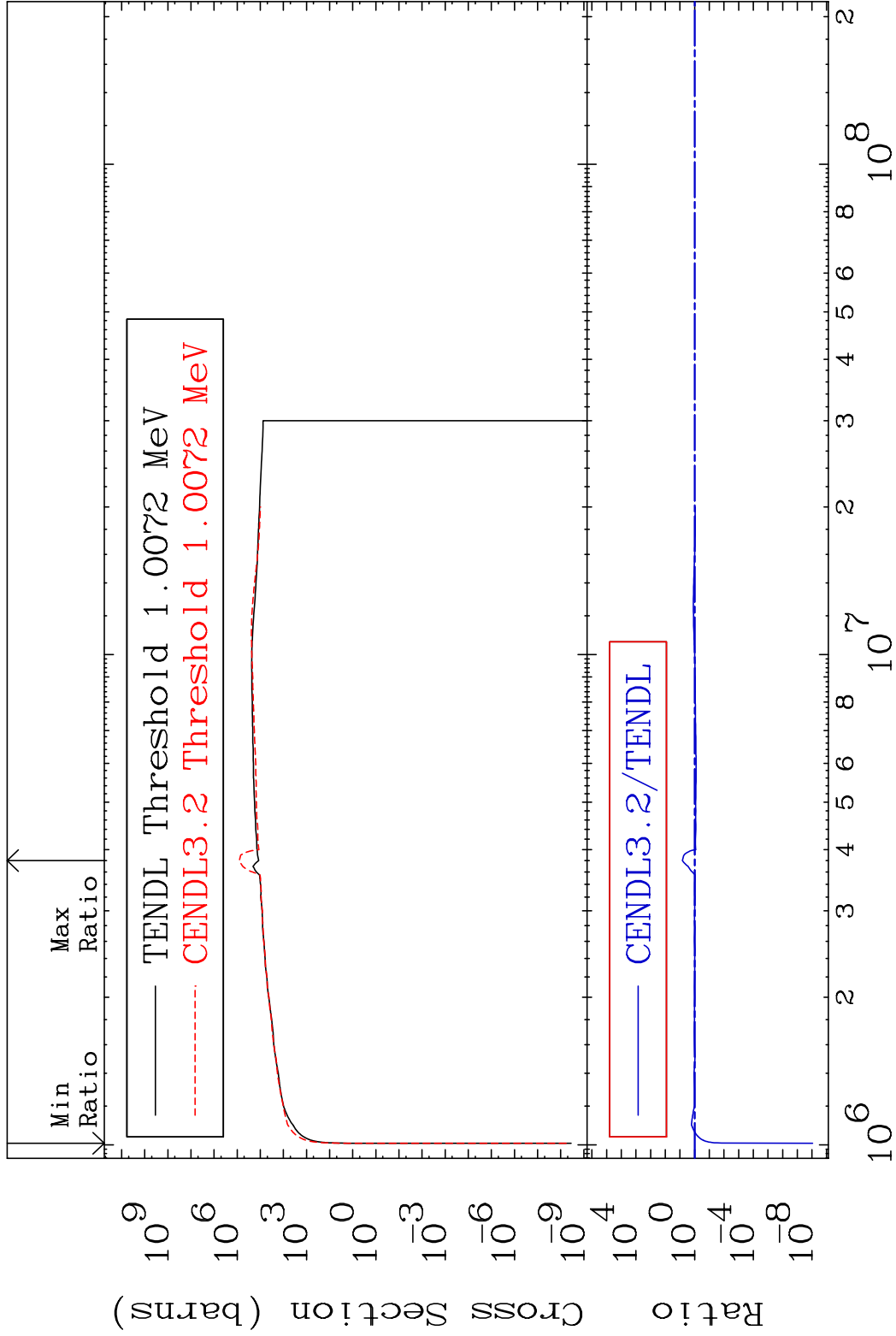




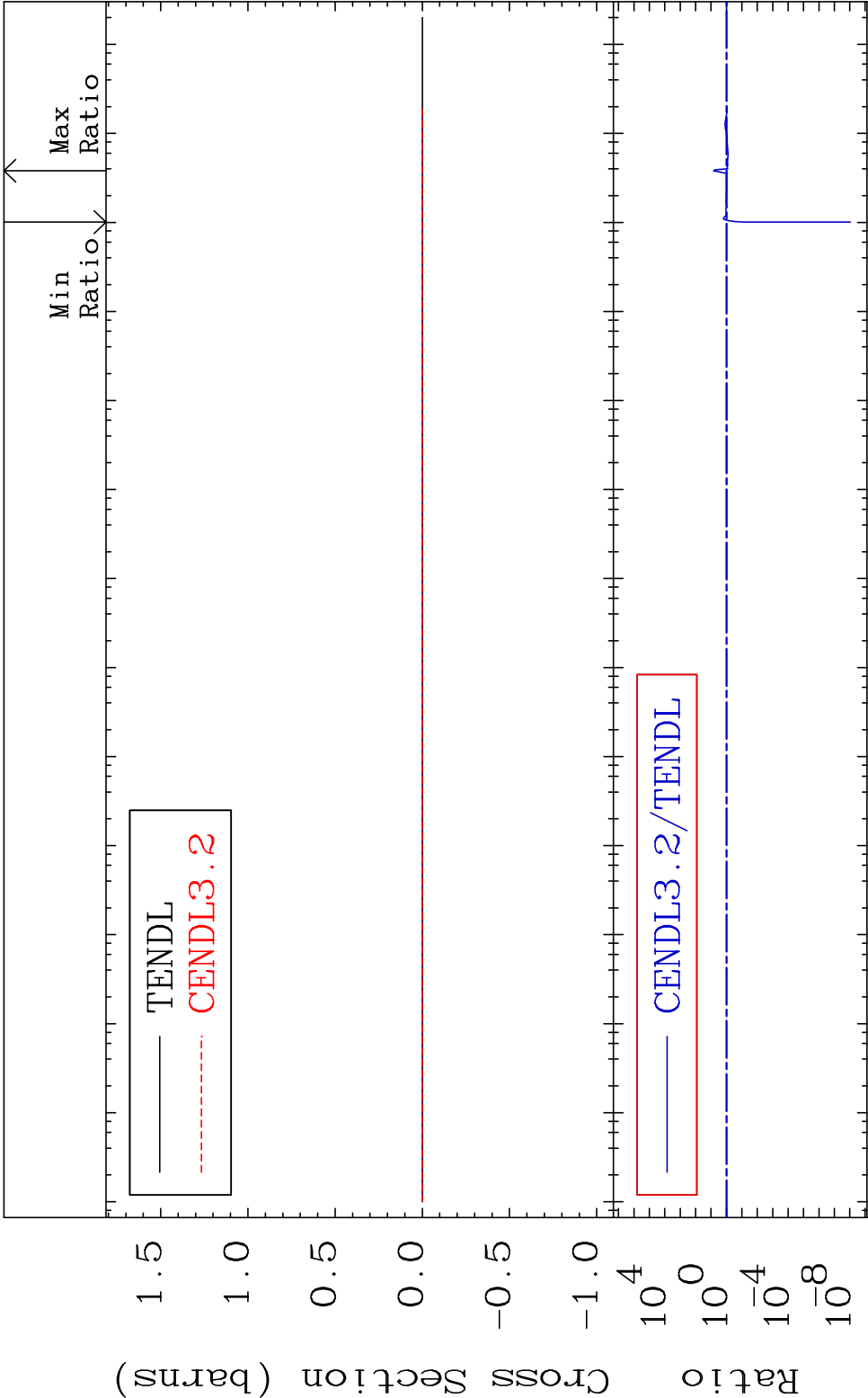


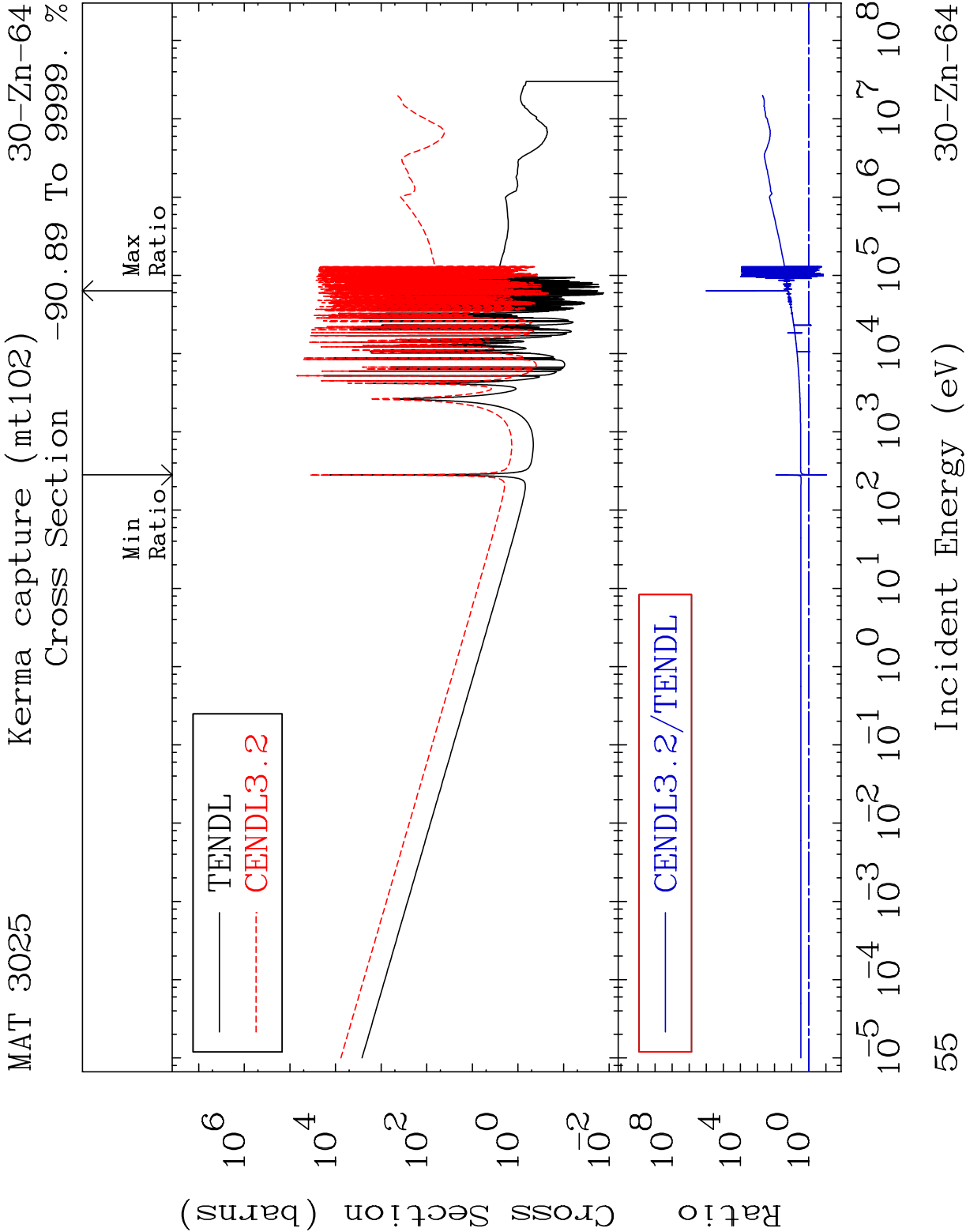


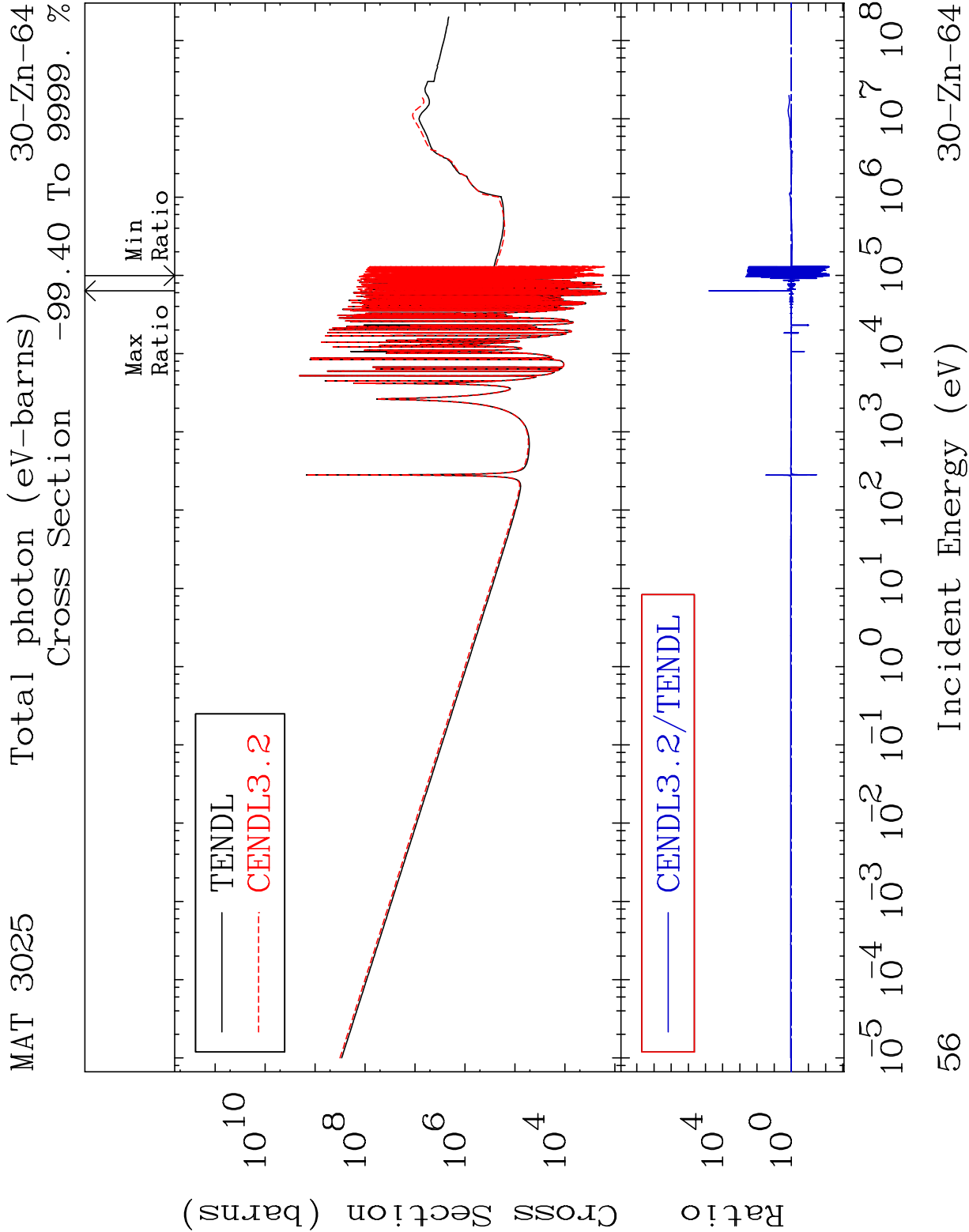


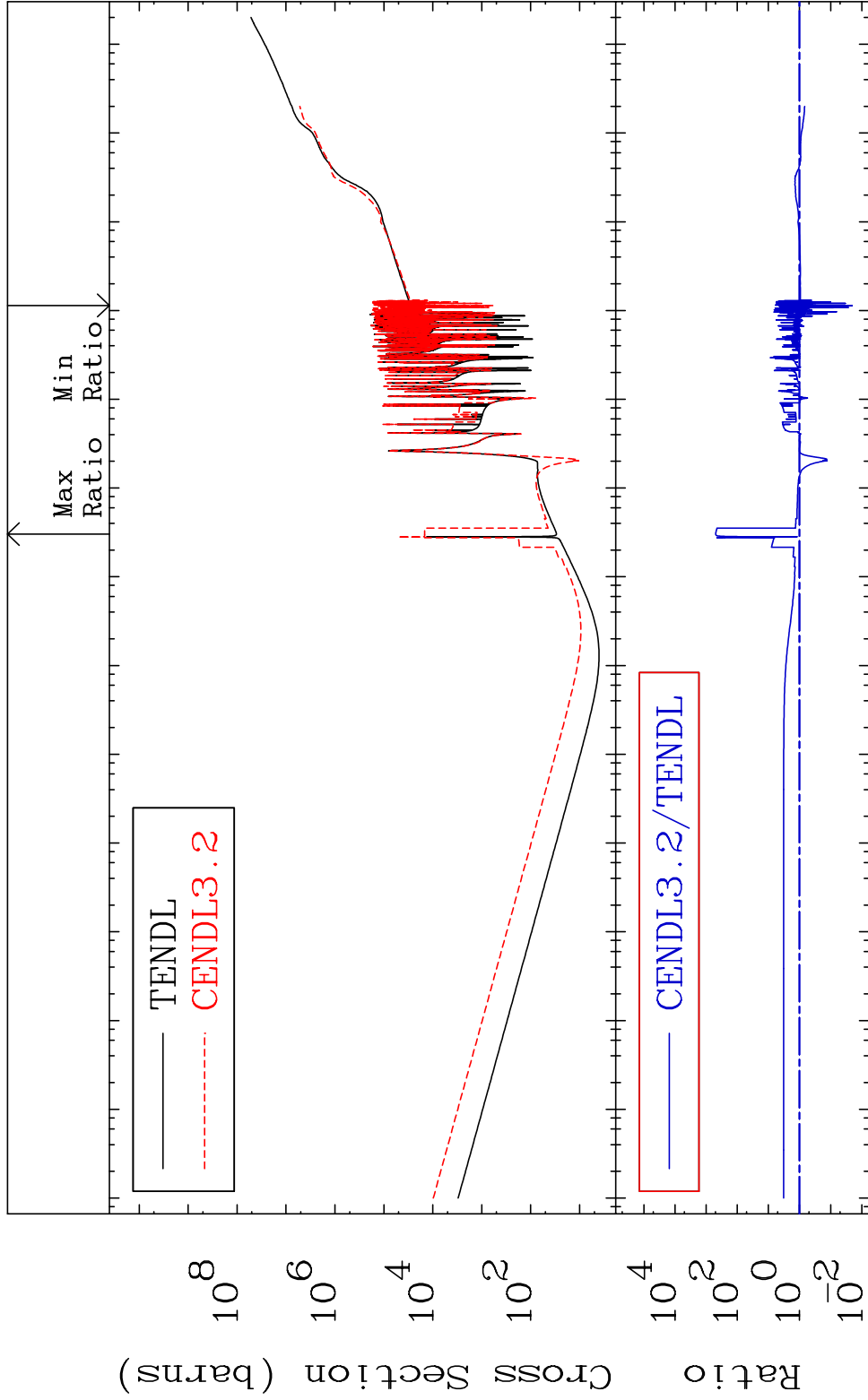


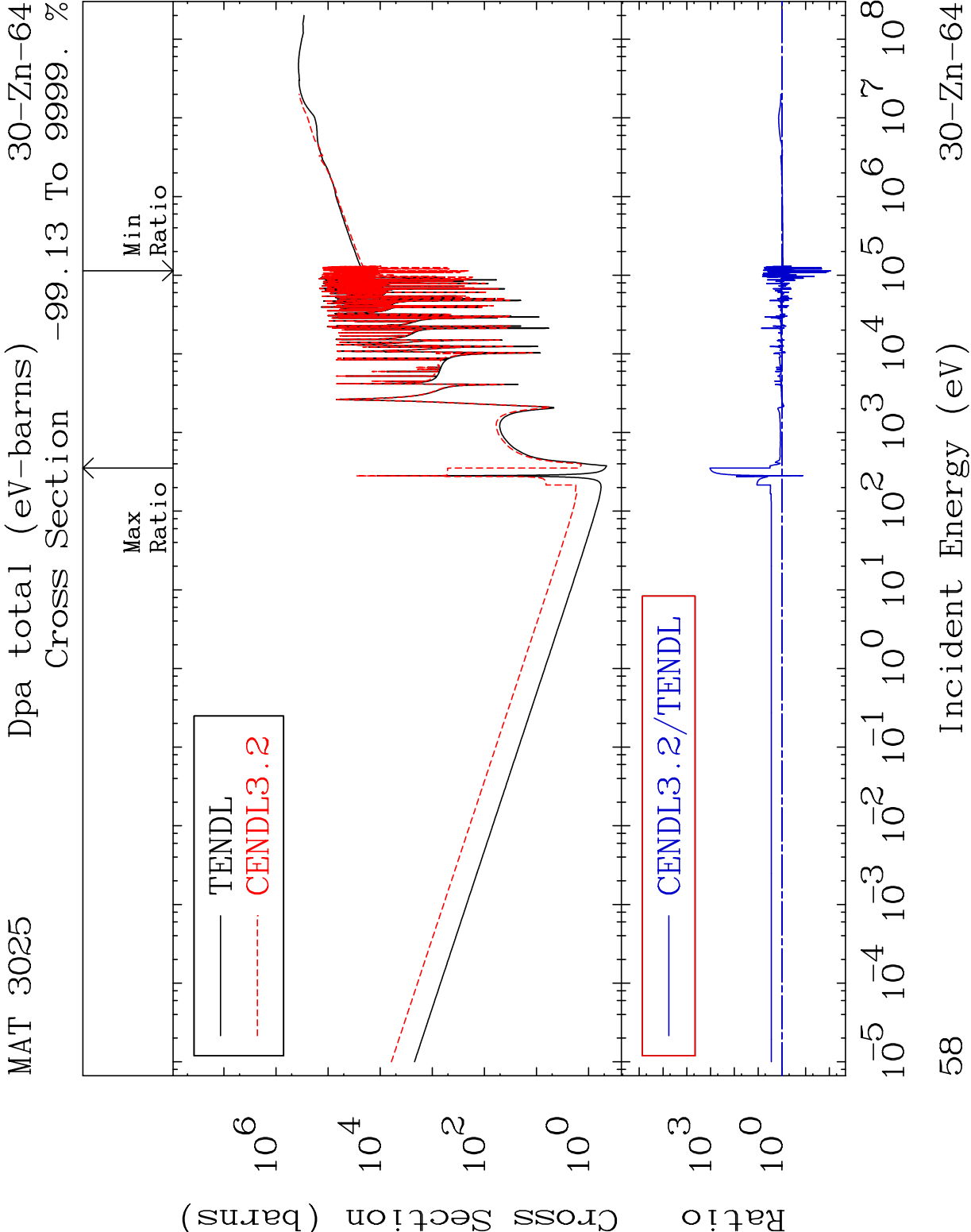
MAT 3025Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64
Cross Section -100.0 To 584.4 %

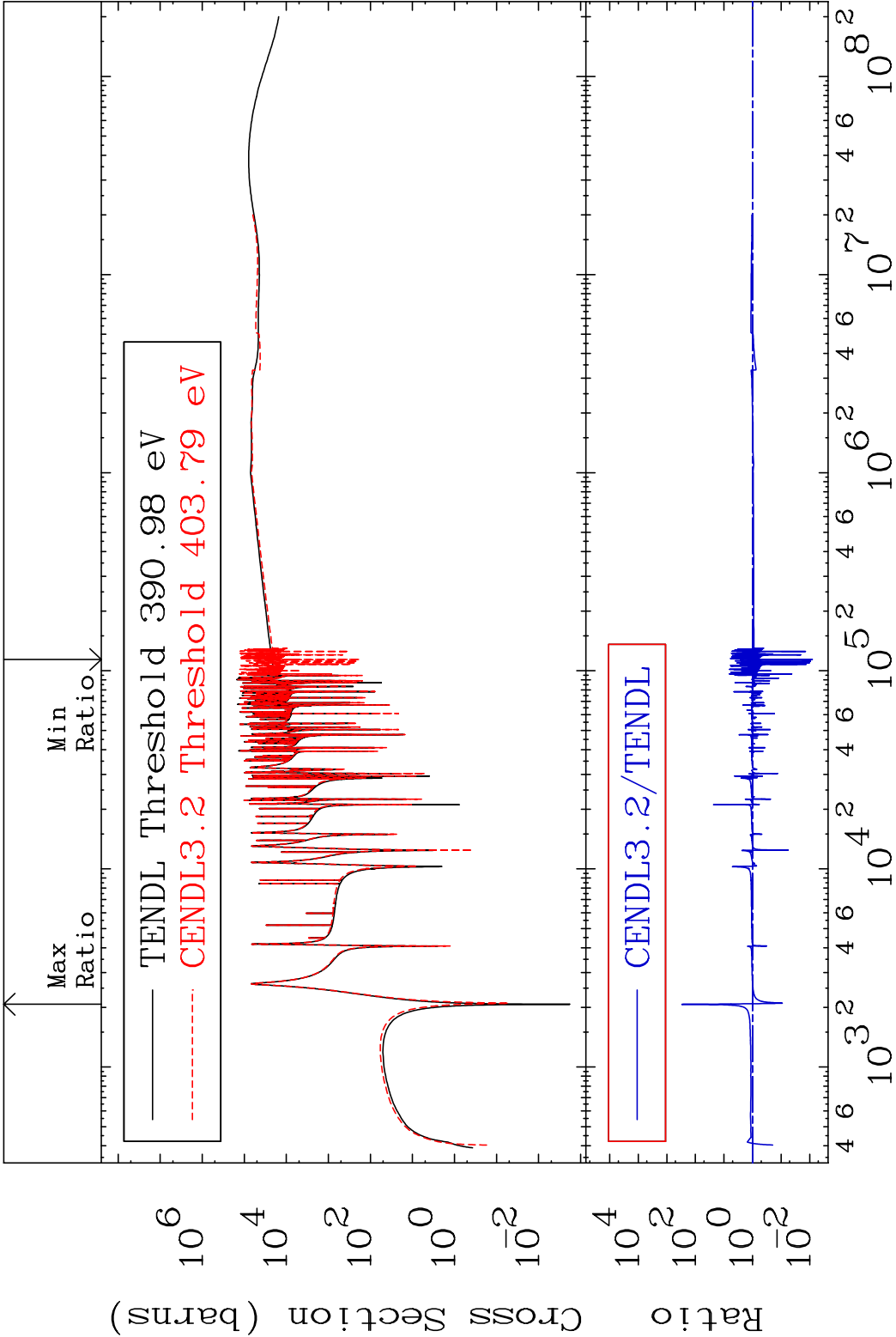




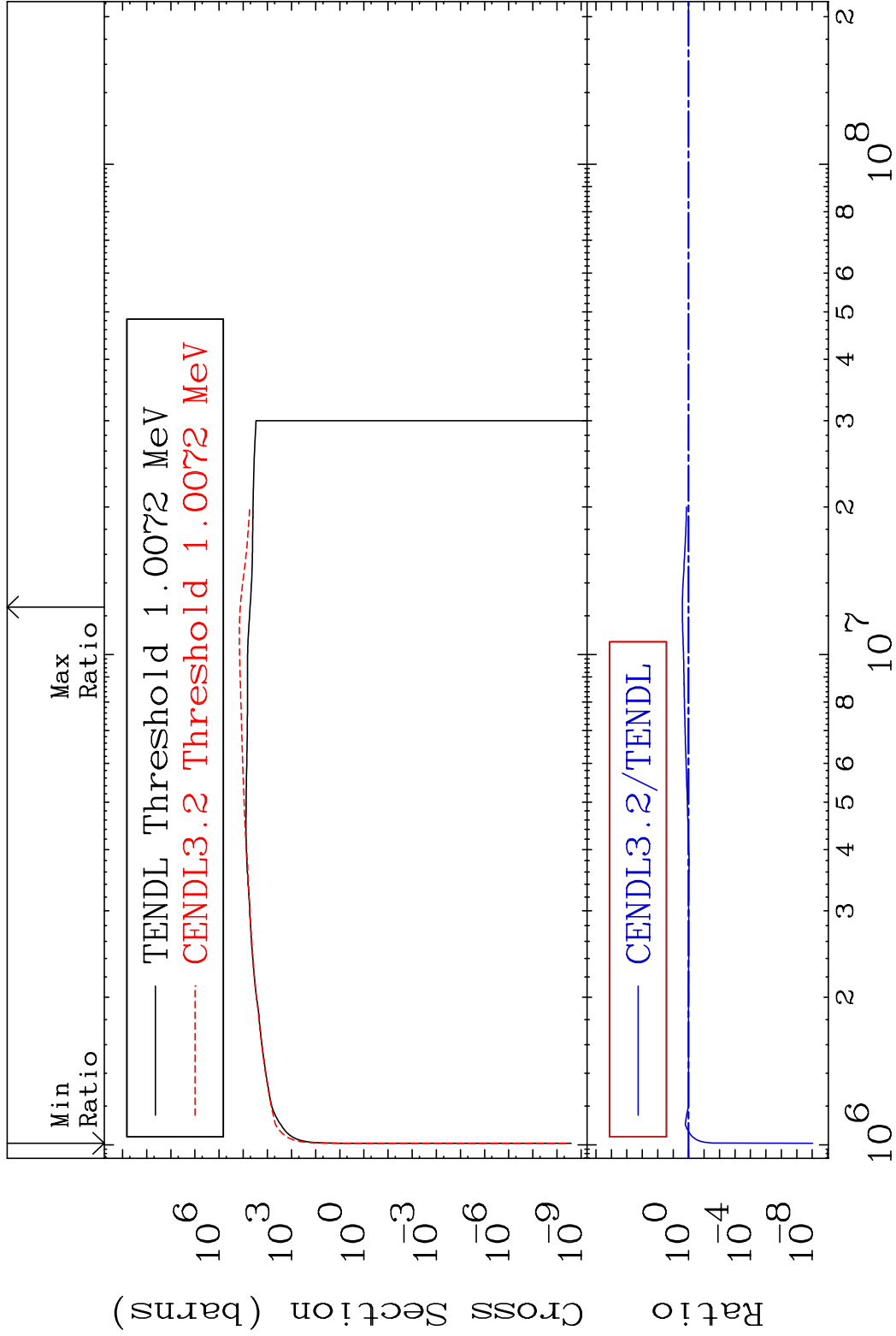






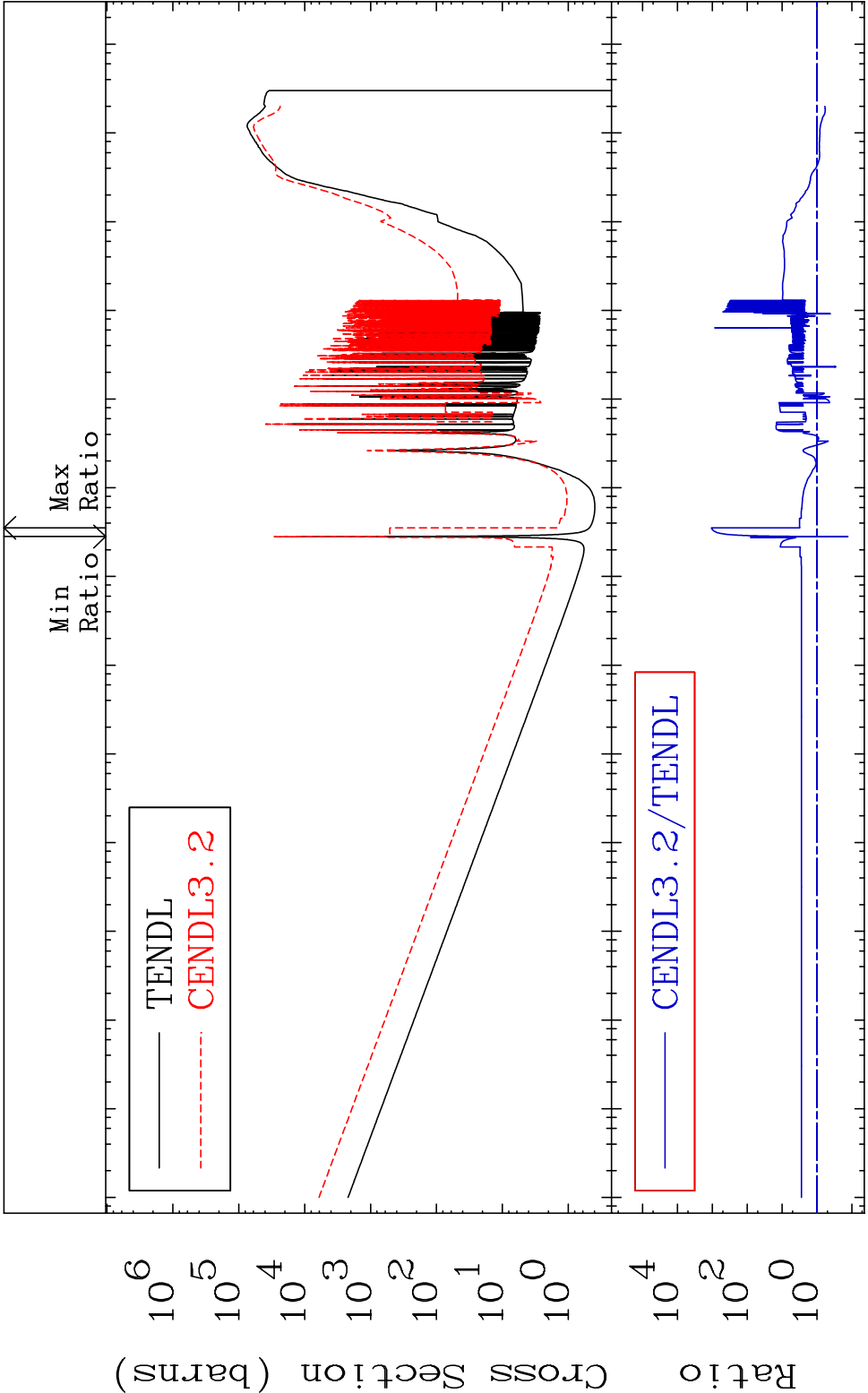


MAT 3025 Dpa inelastic (mt51-91) 30-Zn-64
Cross Section -100.0 To 155.7 %

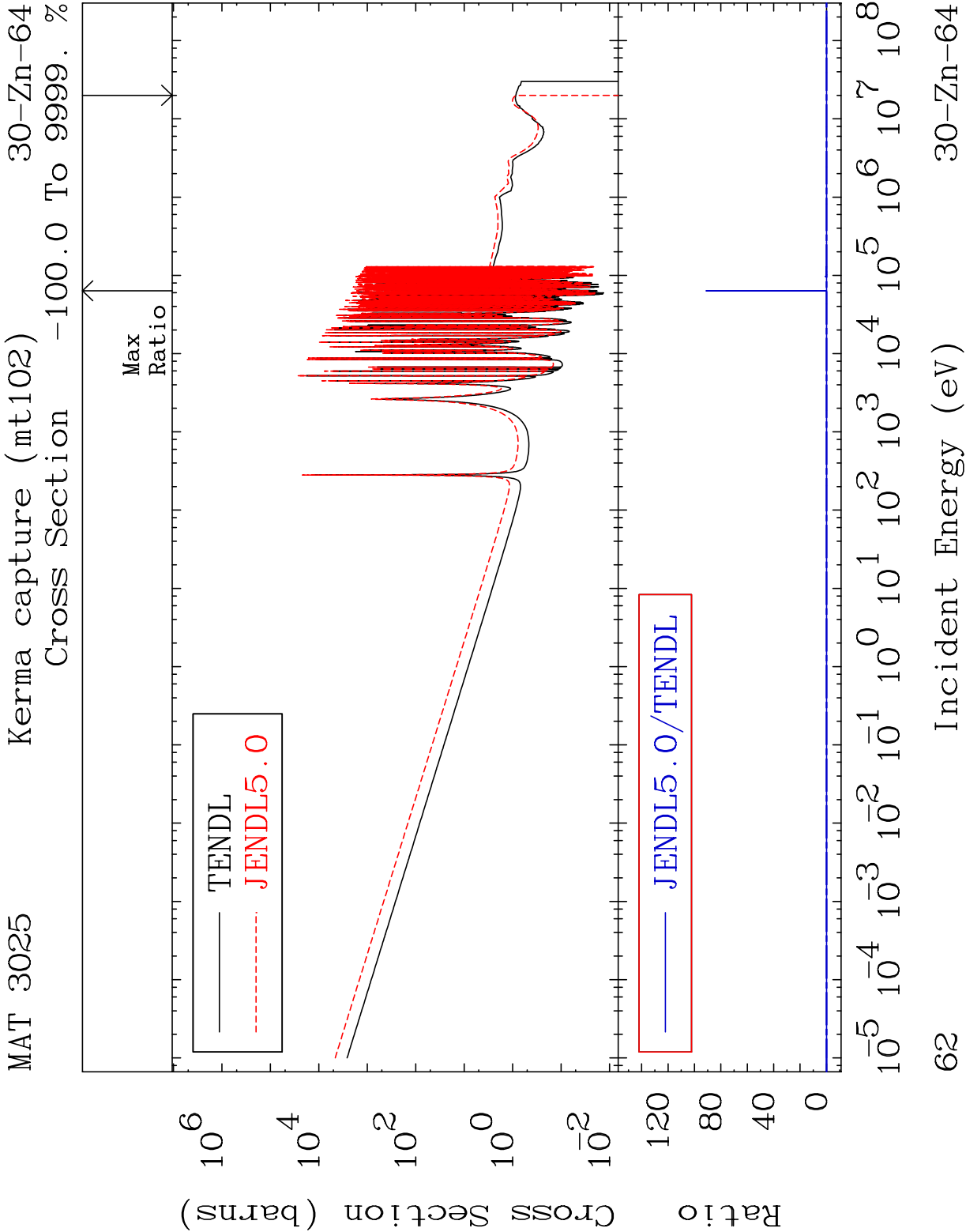


60 Incident Energy (eV) 30-Zn-64

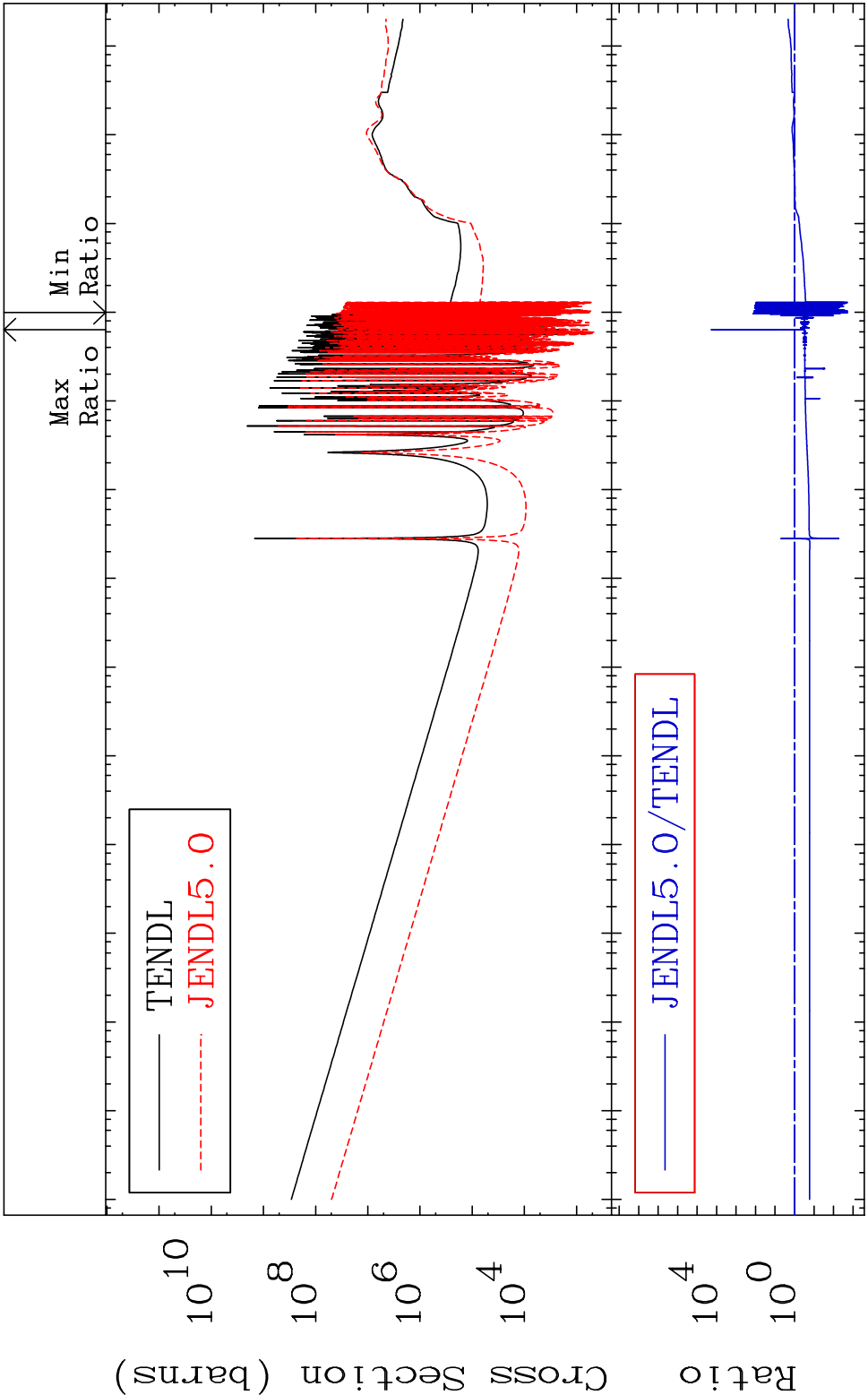
MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
Cross Section -86.97 To 9999. %



61 Incident Energy (eV) 30-Zn-64

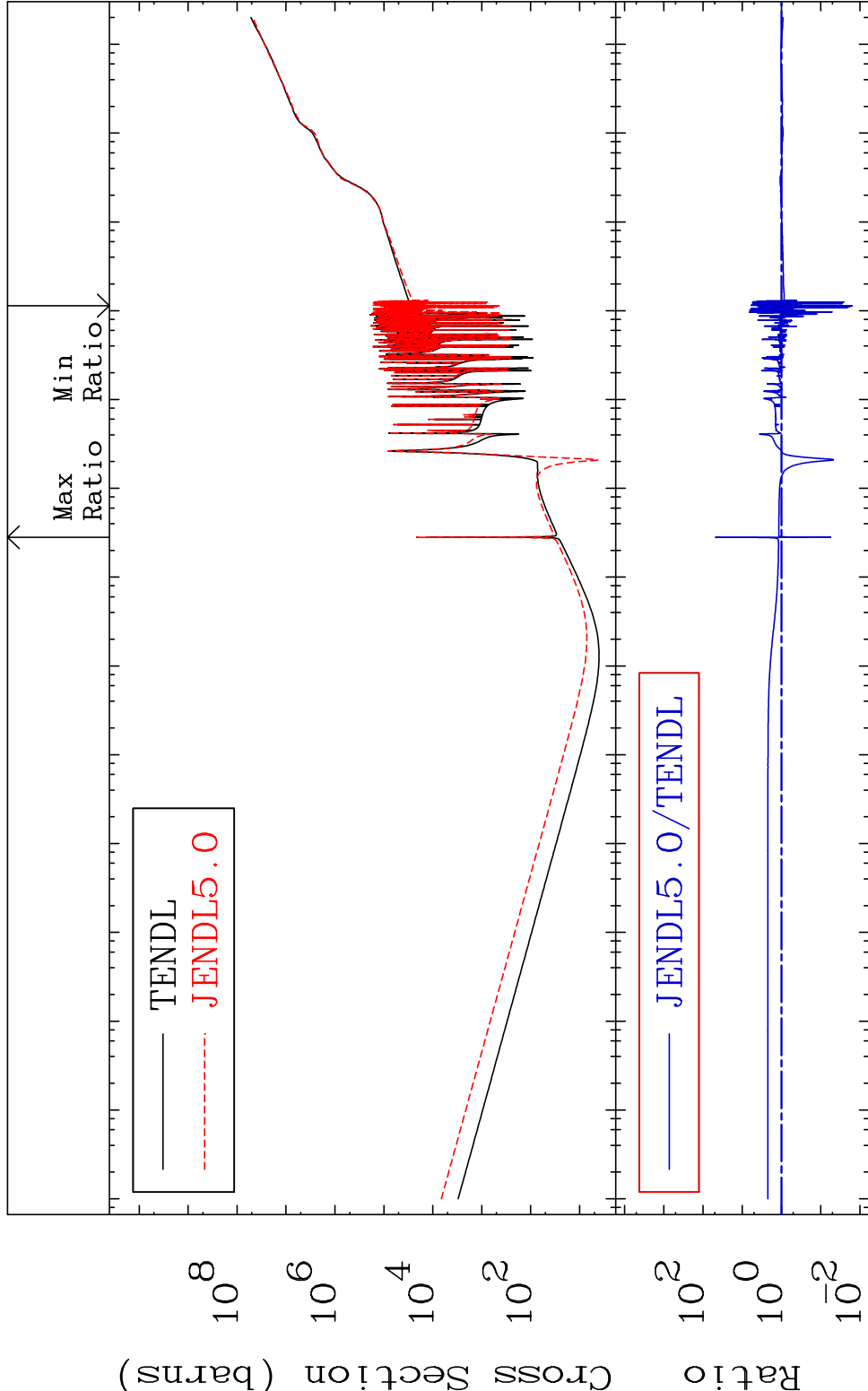


MAT 3025 Total photon (eV-barns) 30-Zn-64
Cross Section -99.81 To 9999. %



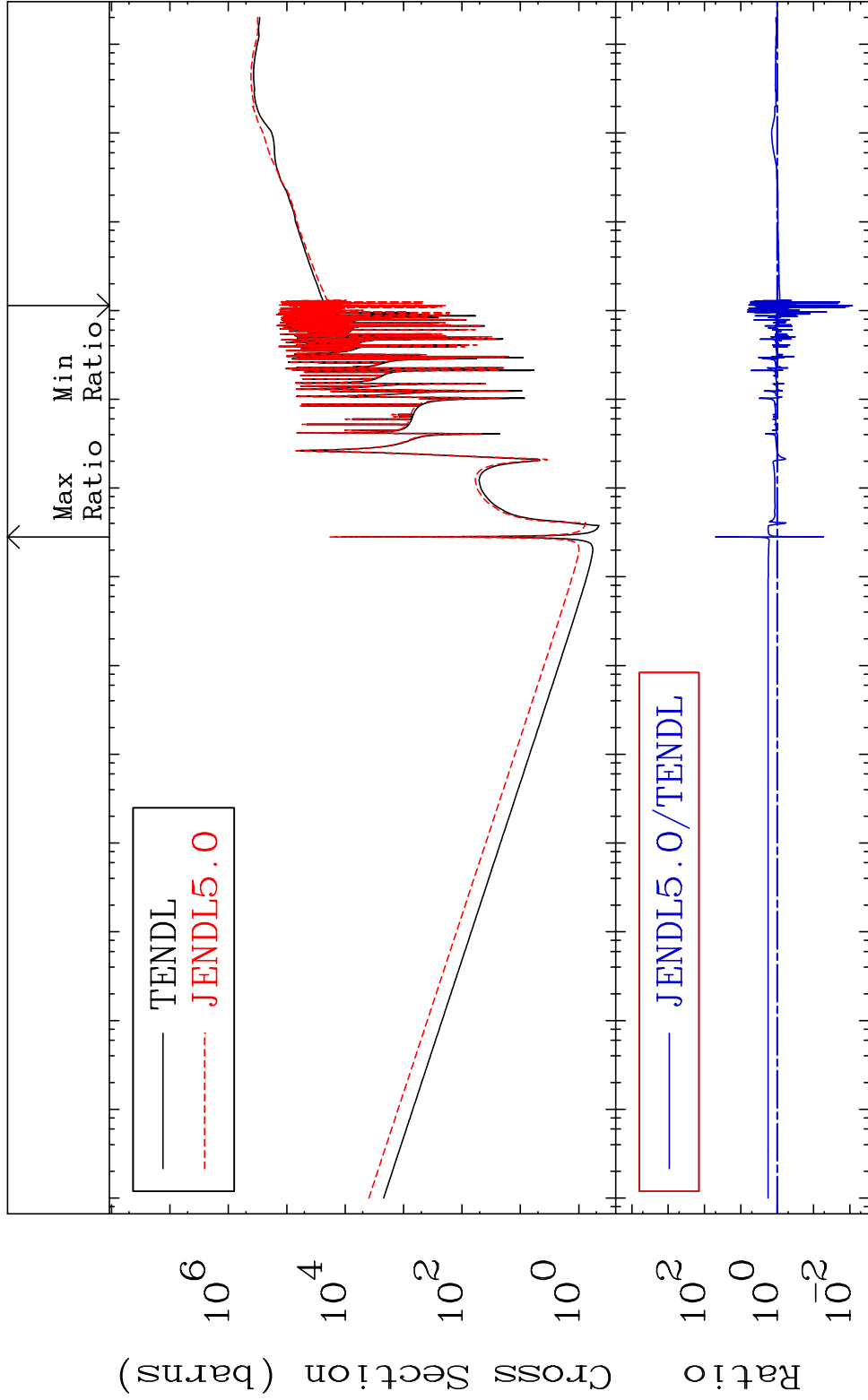
63 Incident Energy (eV) 30-Zn-64

MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
Cross Section -98.43 To 4651. %



64 Incident Energy (eV) 30-Zn-64

MAT 3025 Dpa total (eV-barns) 30-Zn-64
Cross Section -99.14 To 4836. %



65 Incident Energy (eV) 30-Zn-64

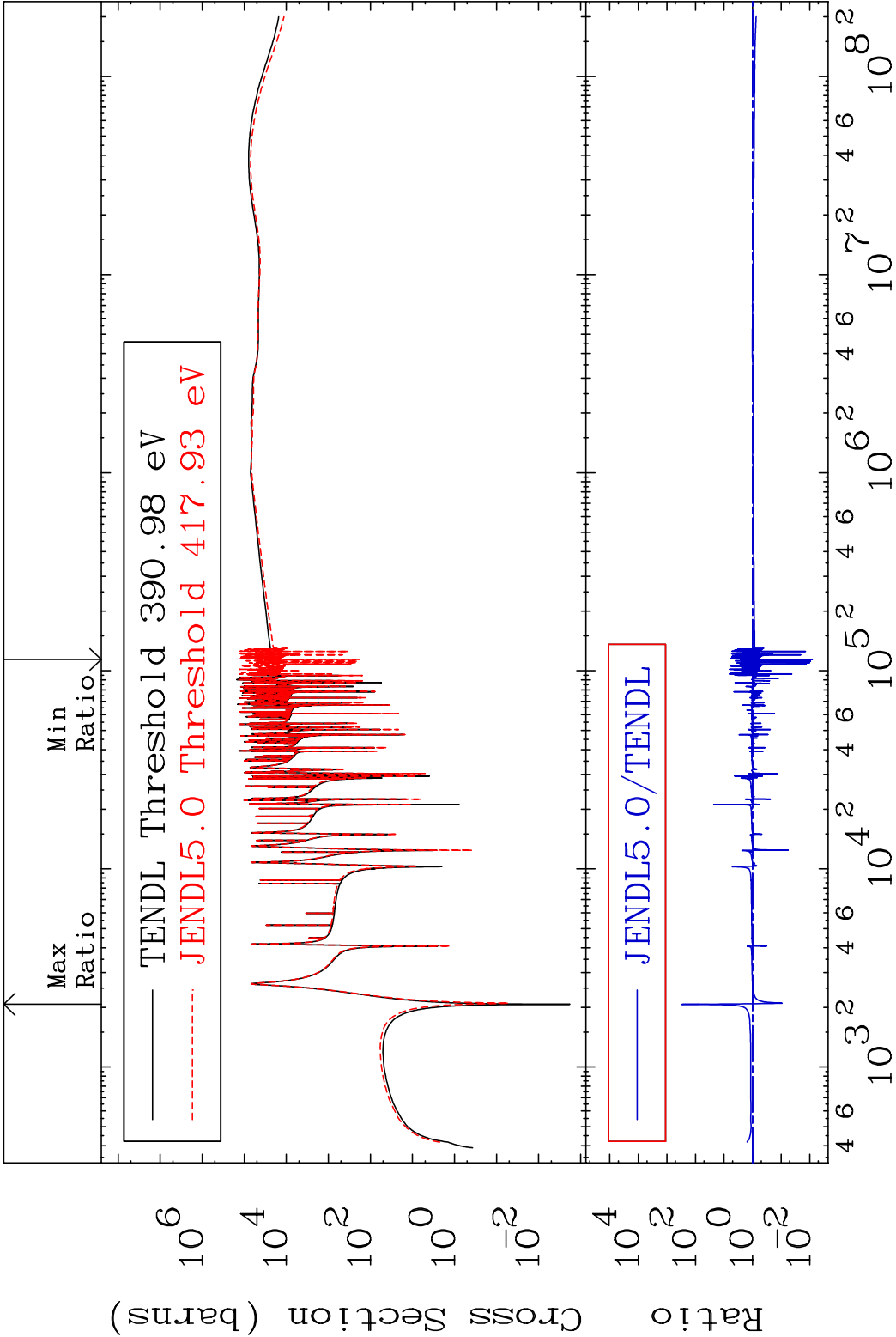
MAT 3025

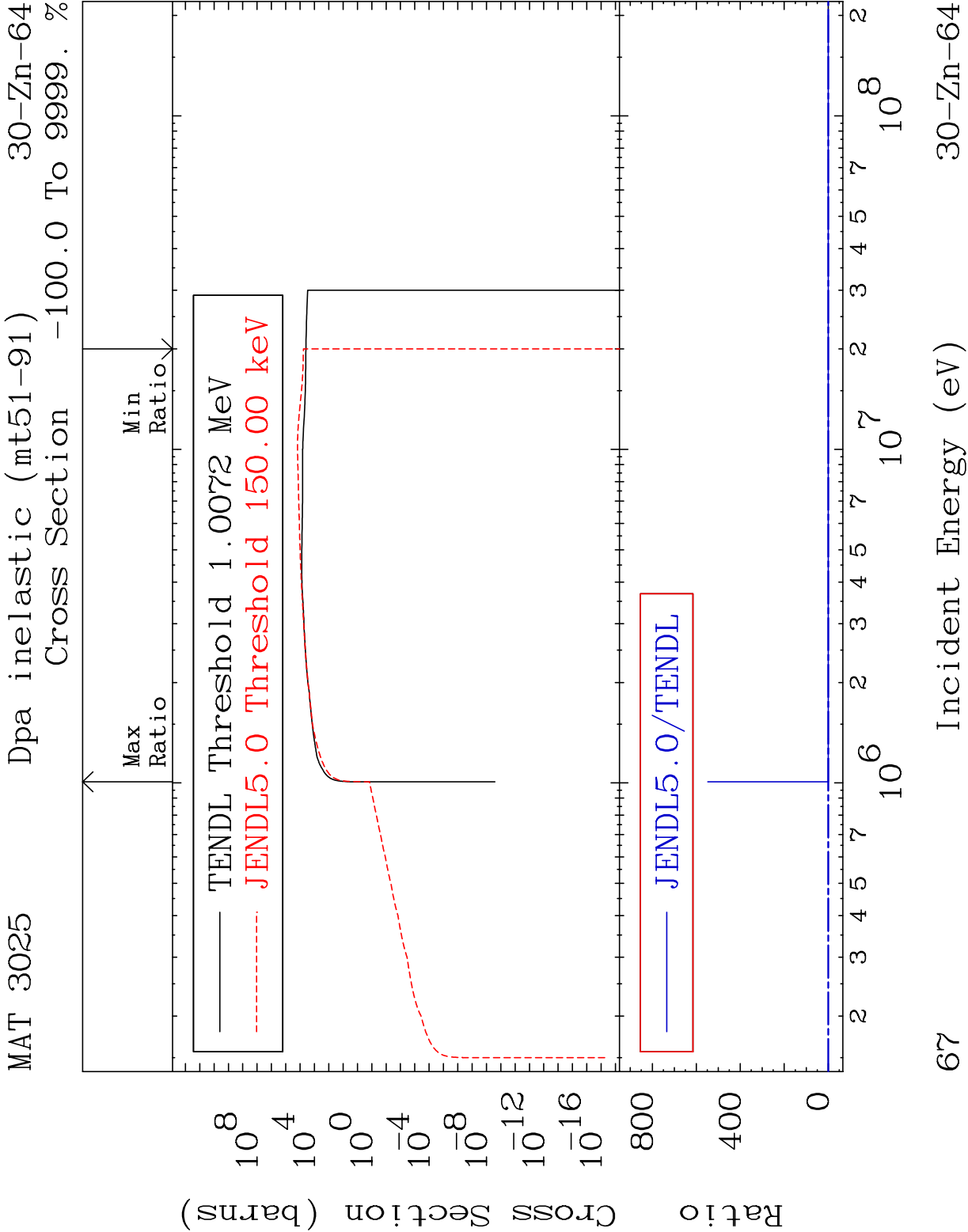
Dpa elastic (mt2)

30-Zn-64

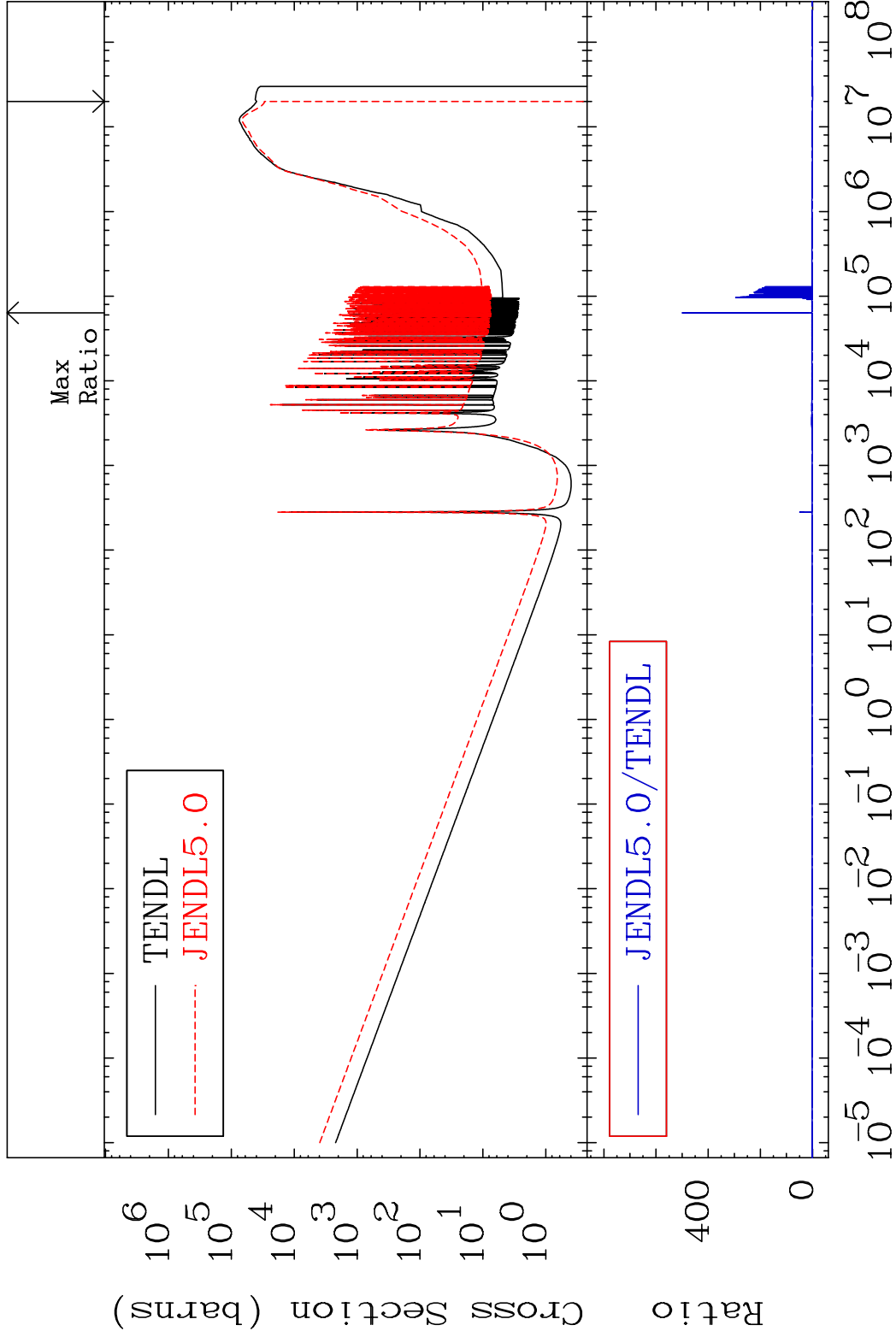
Cross Section

-99.19 To 9999. %

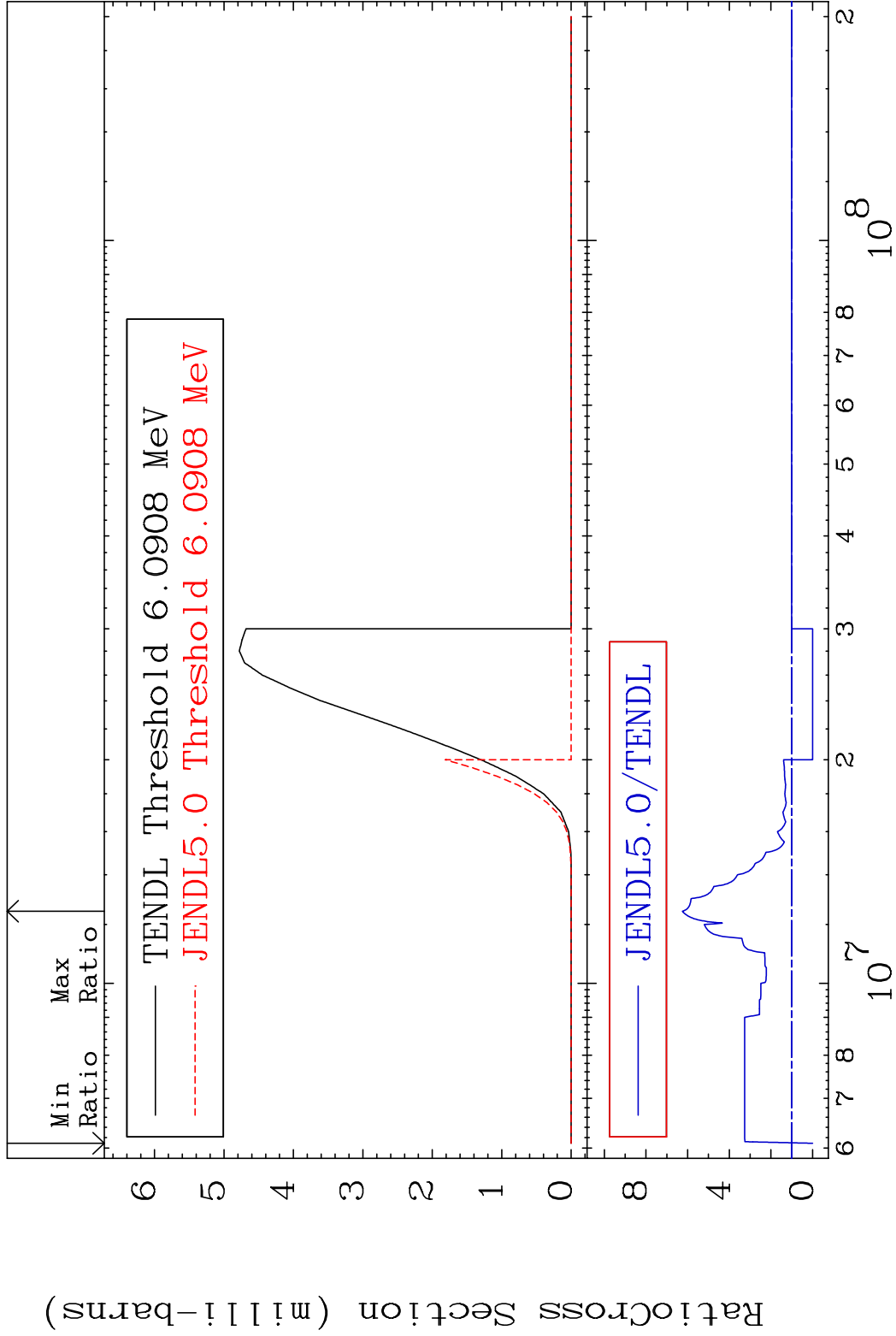


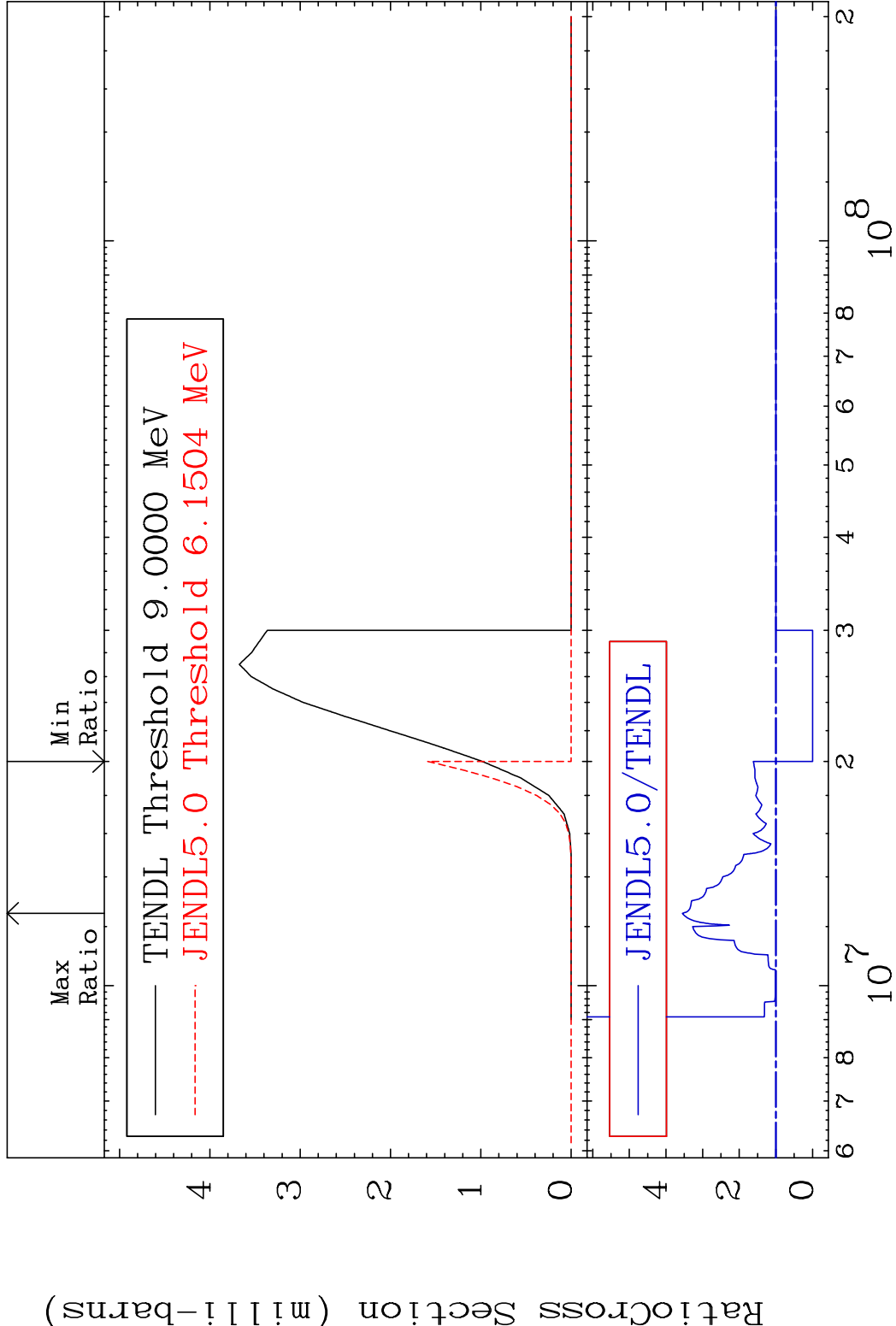


MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
Cross Section -100.0 To 9999. %

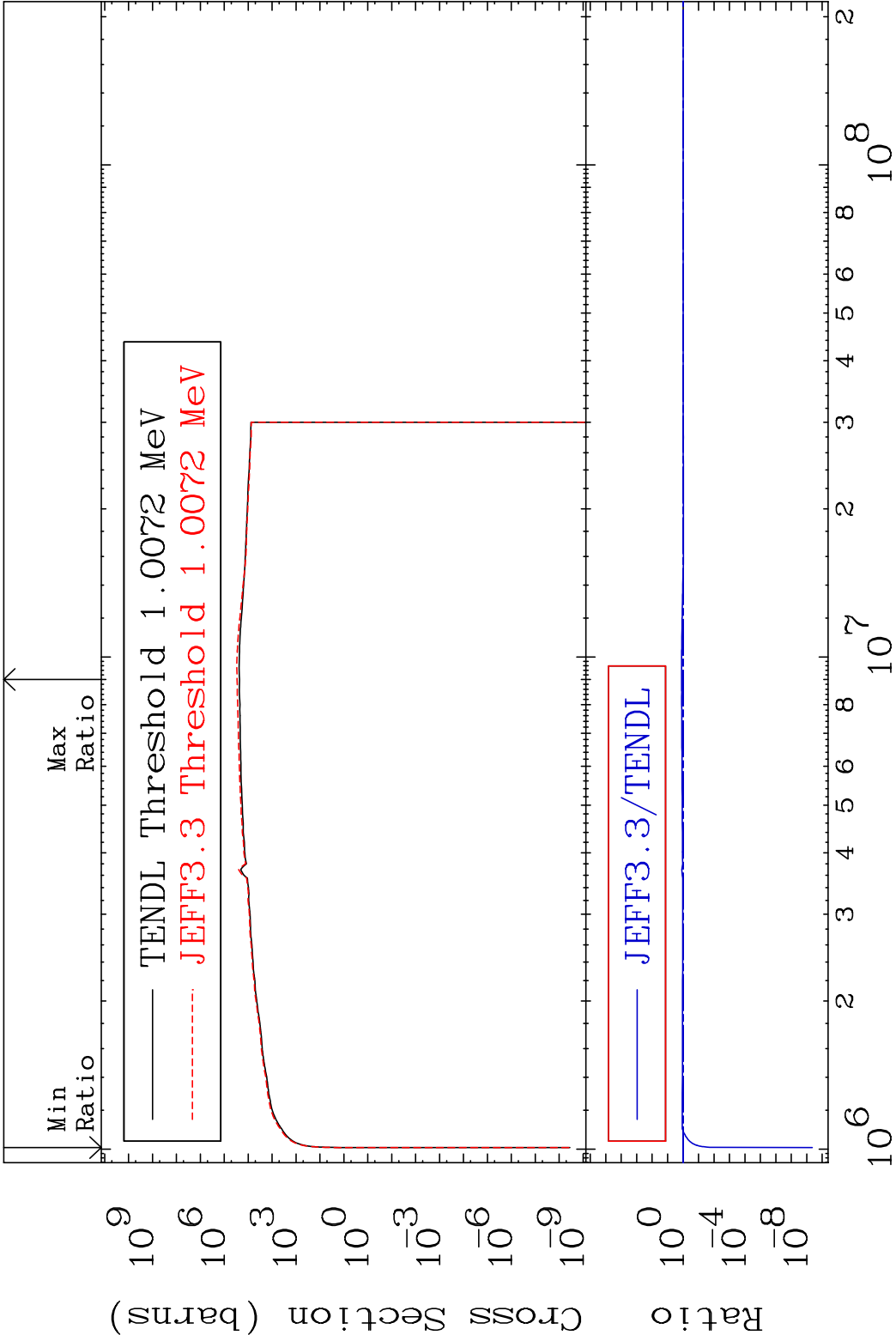


68 Incident Energy (eV) 30-Zn-64



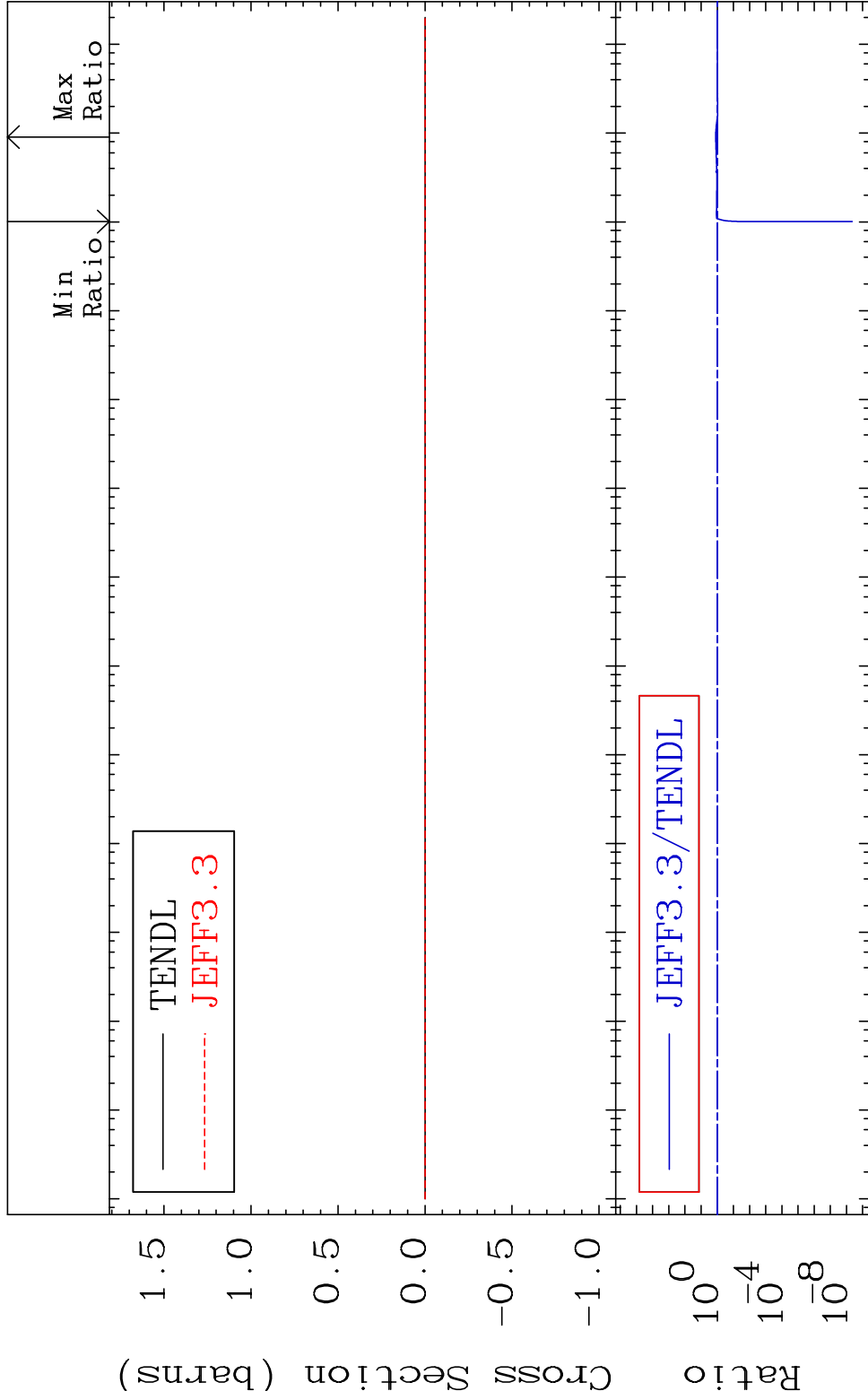


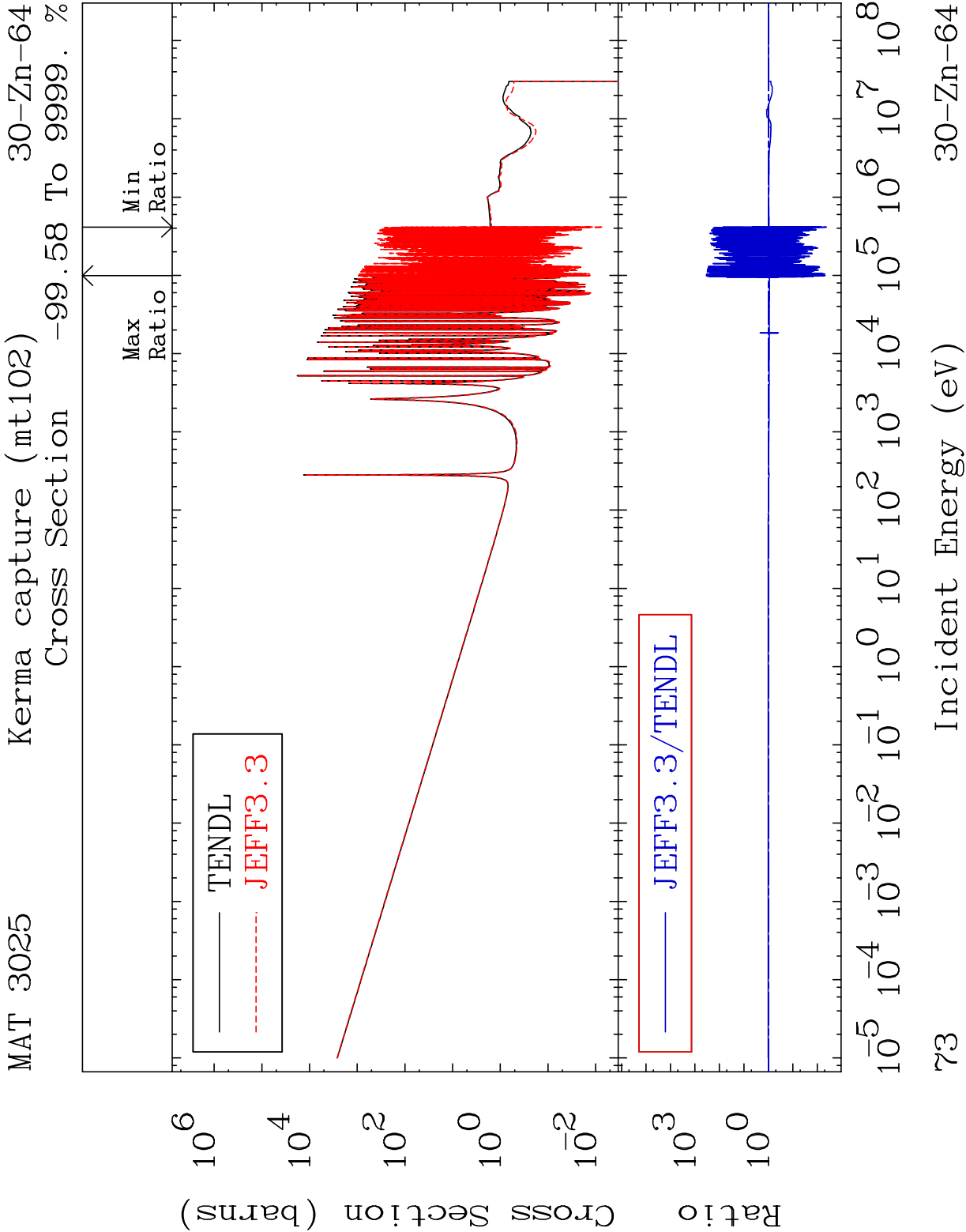
MAT 3025 Kerma inelastic (mt51-91) 30-Zn-64
Cross Section -100.0 To 25.79 %

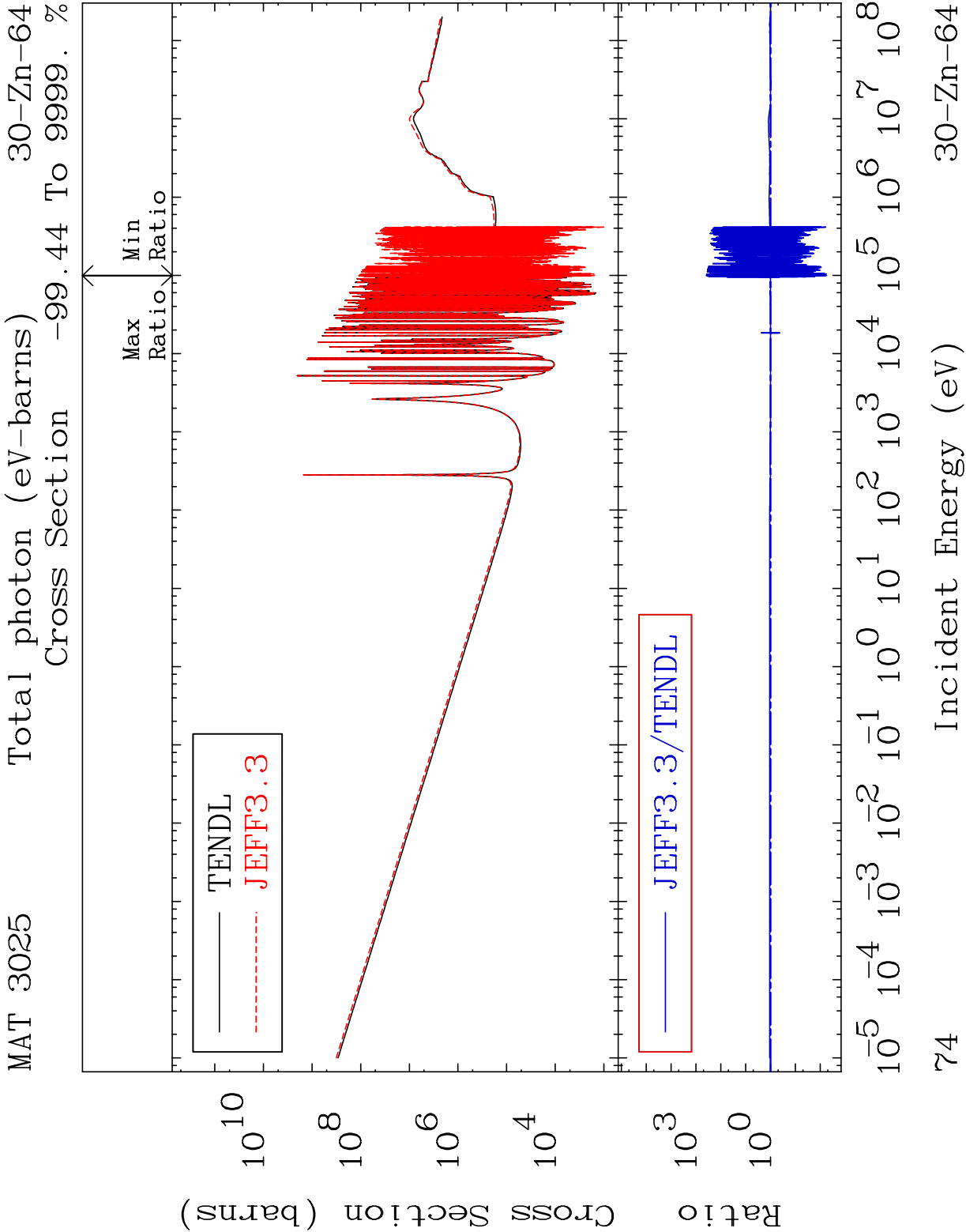


71 Incident Energy (eV) 30-Zn-64

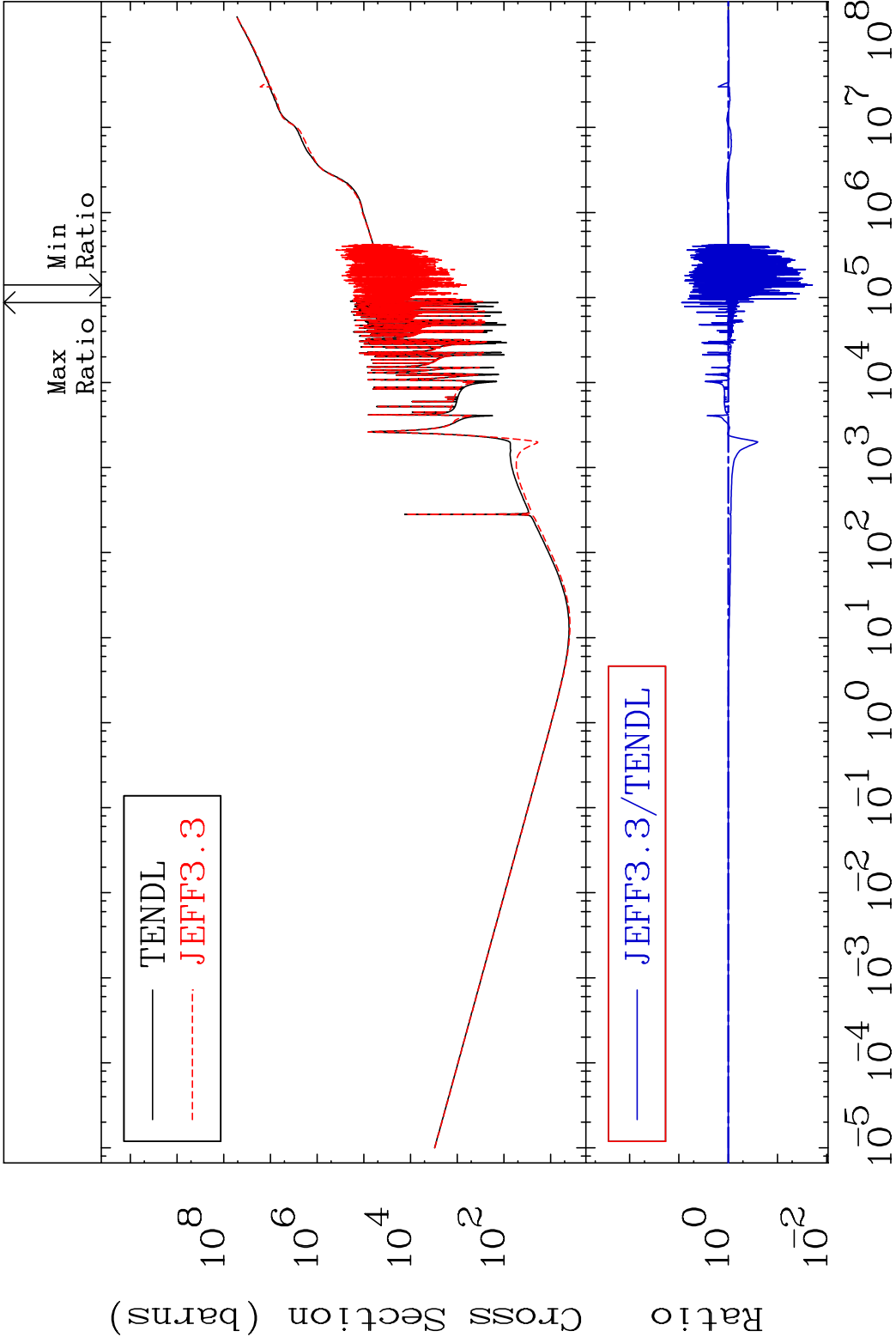
MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64
Cross Section -100.0 To 25.79 %





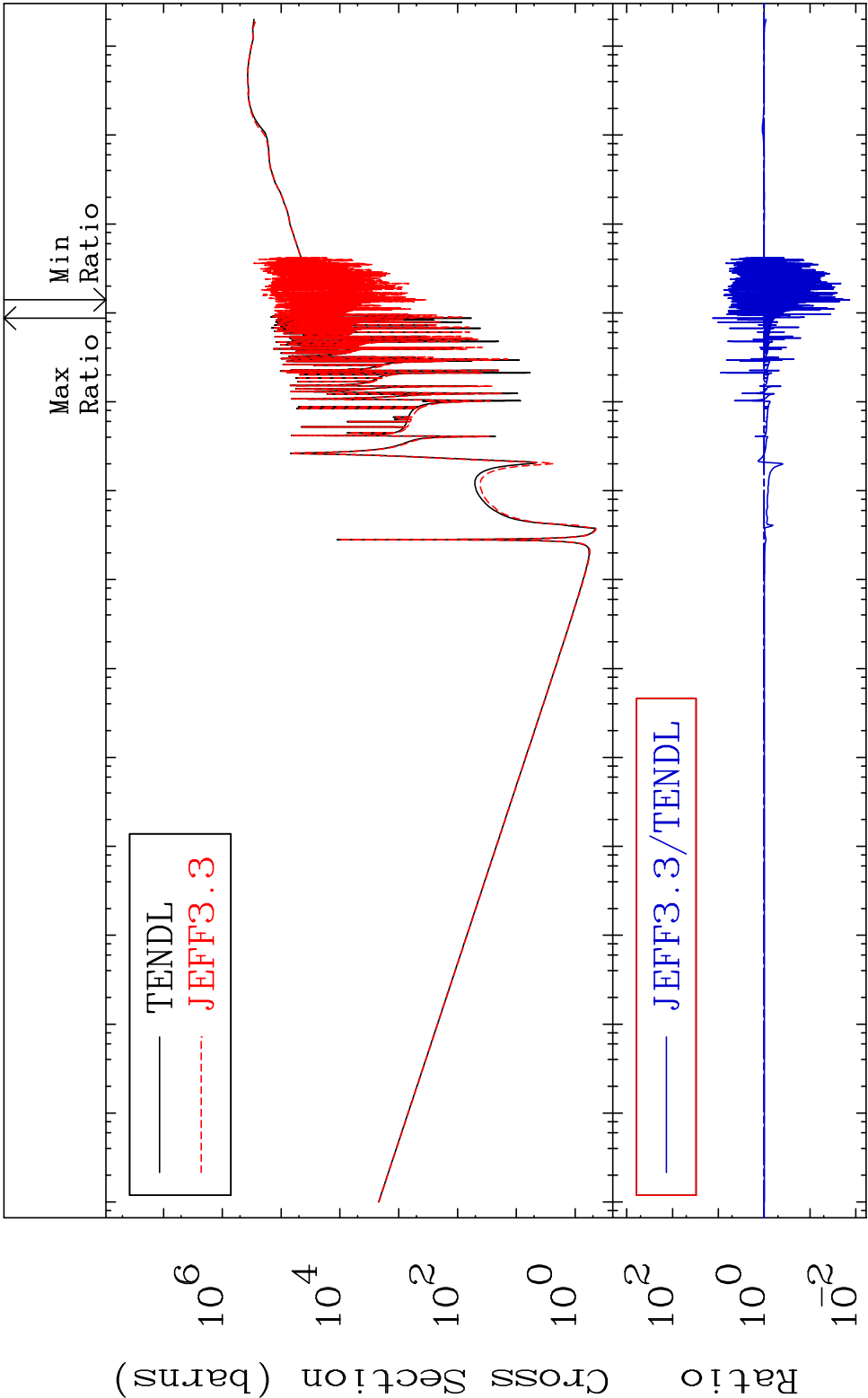


MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
Cross Section -98.04 To 784.9 %



75 Incident Energy (eV) 30-Zn-64

MAT 3025 Dpa total (eV-barns) 30-Zn-64
 Cross Section -98.63 To 1220. %



76 Incident Energy (eV) 30-Zn-64

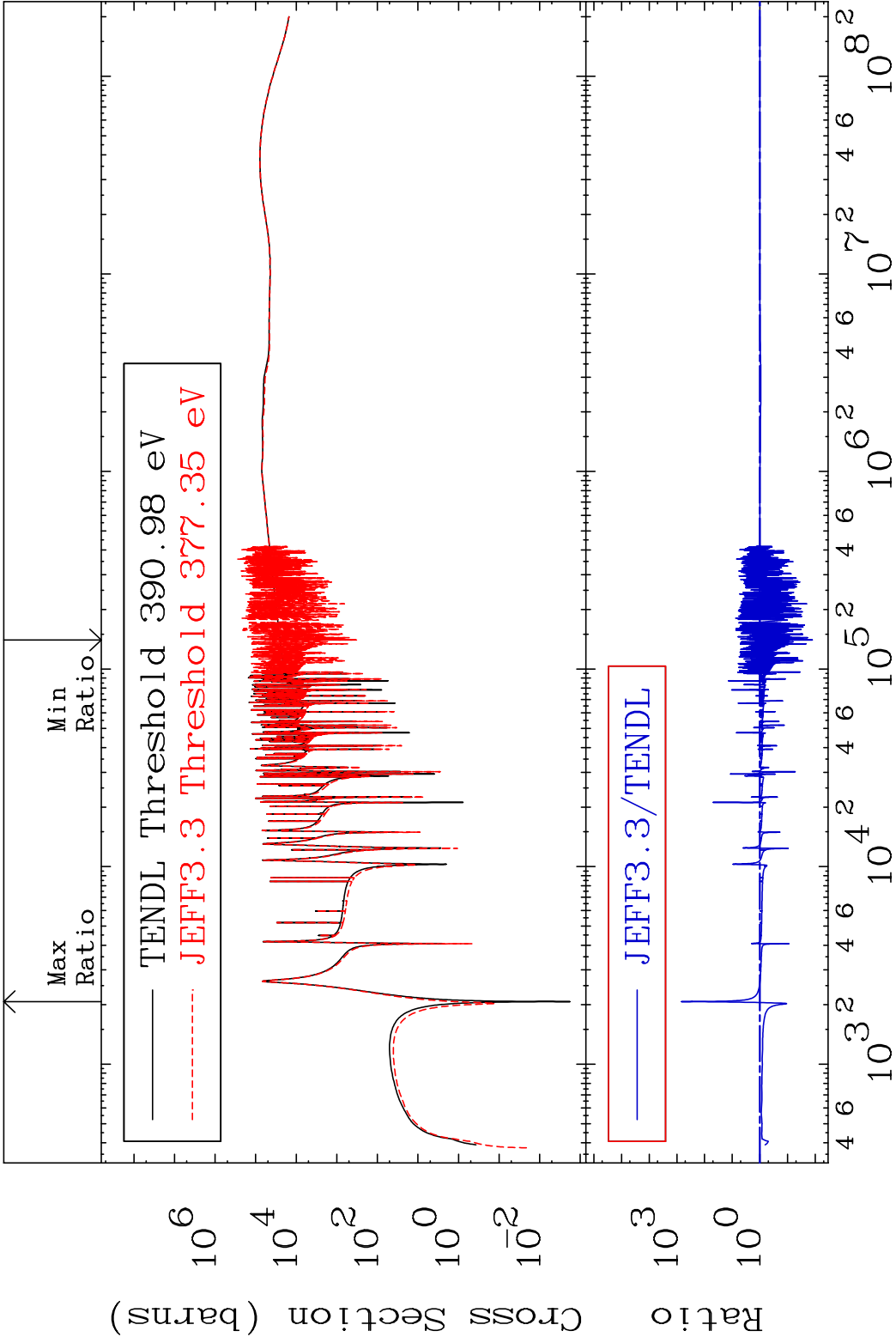
MAT 3025

Dpa elastic (mt2)

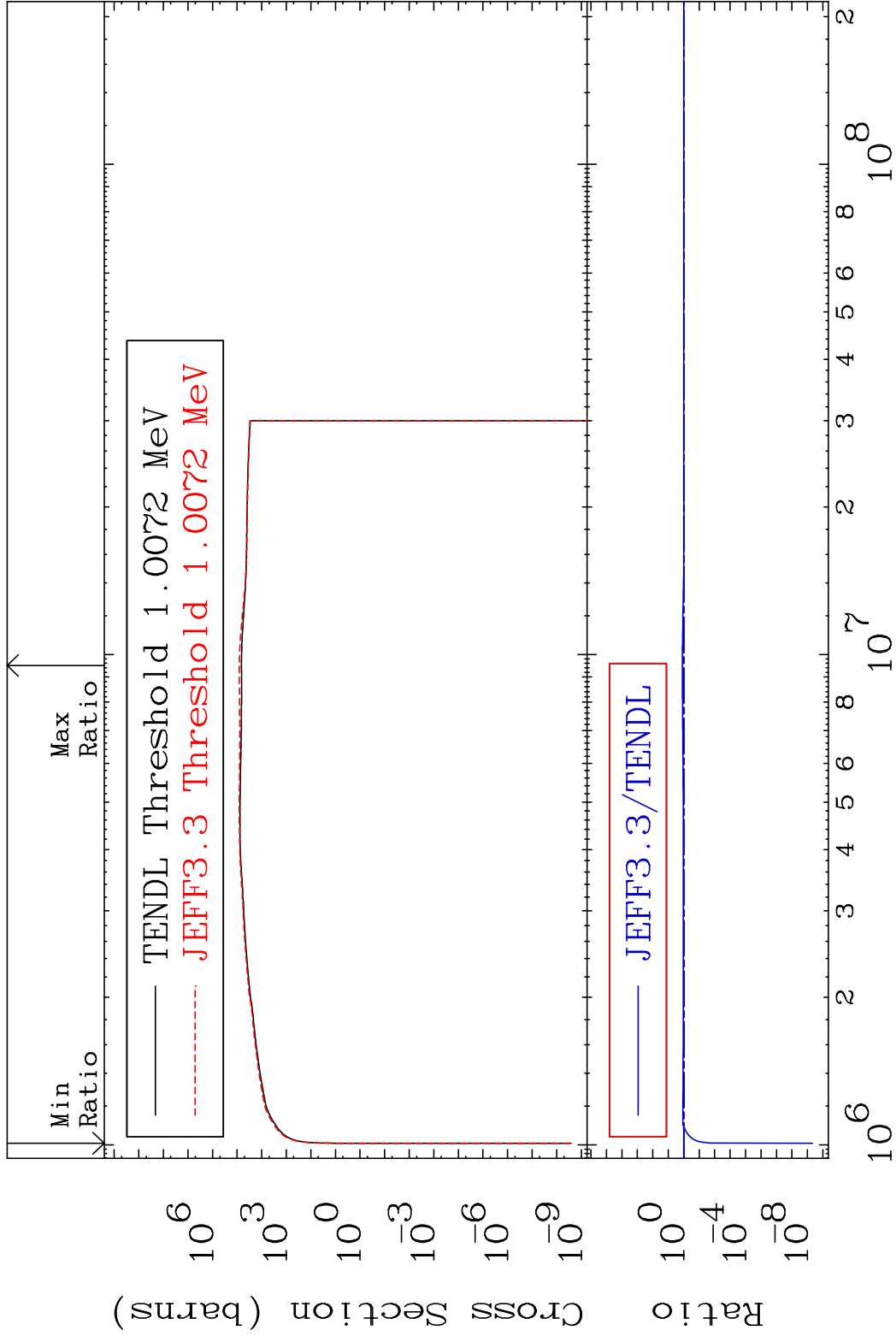
30-Zn-64

Cross Section

-98.71 To 9999. %

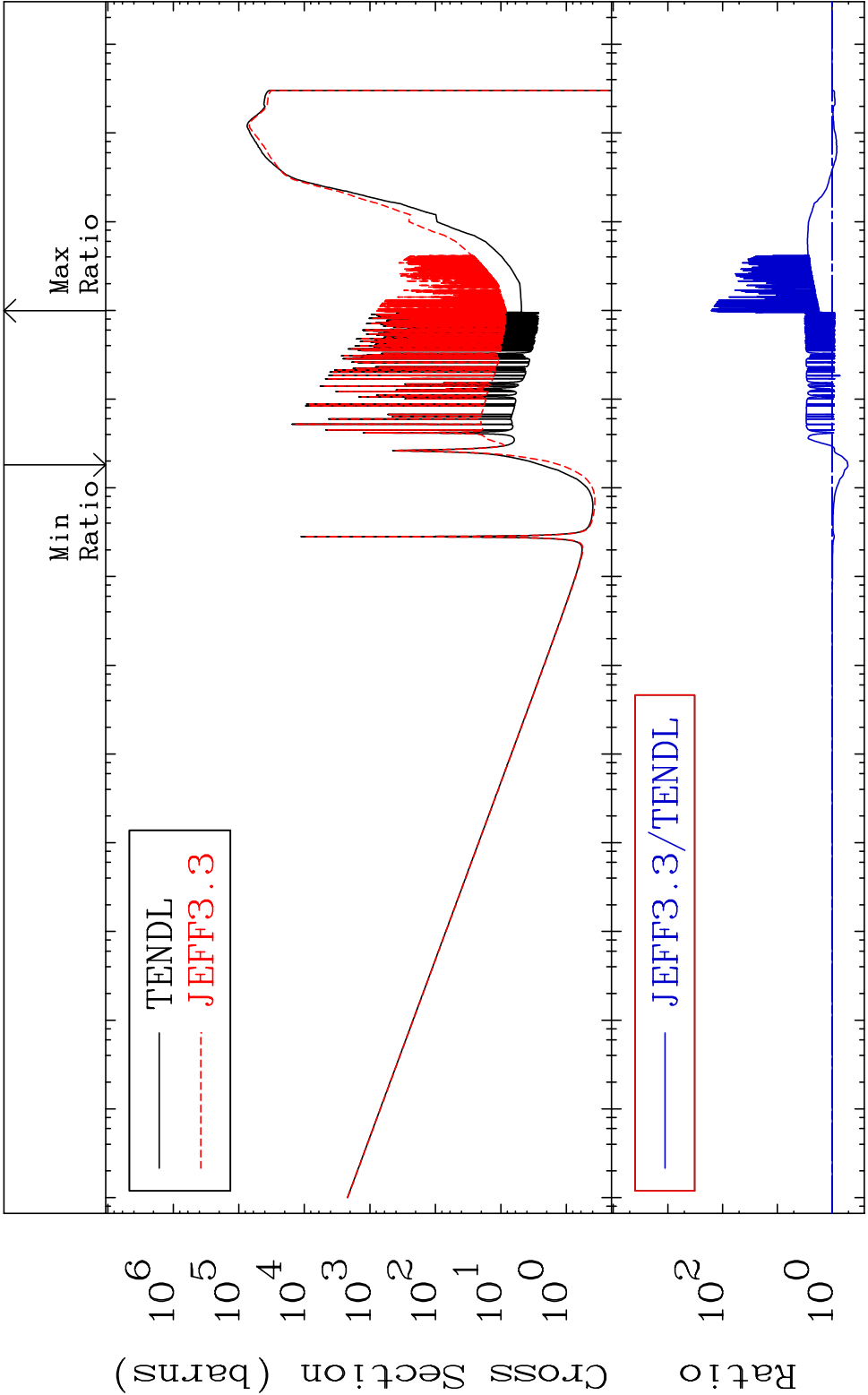


MAT 3025 Dpa inelastic (mt51-91) 30-Zn-64
Cross Section -100.0 To 22.35 %



78 Incident Energy (eV) 30-Zn-64

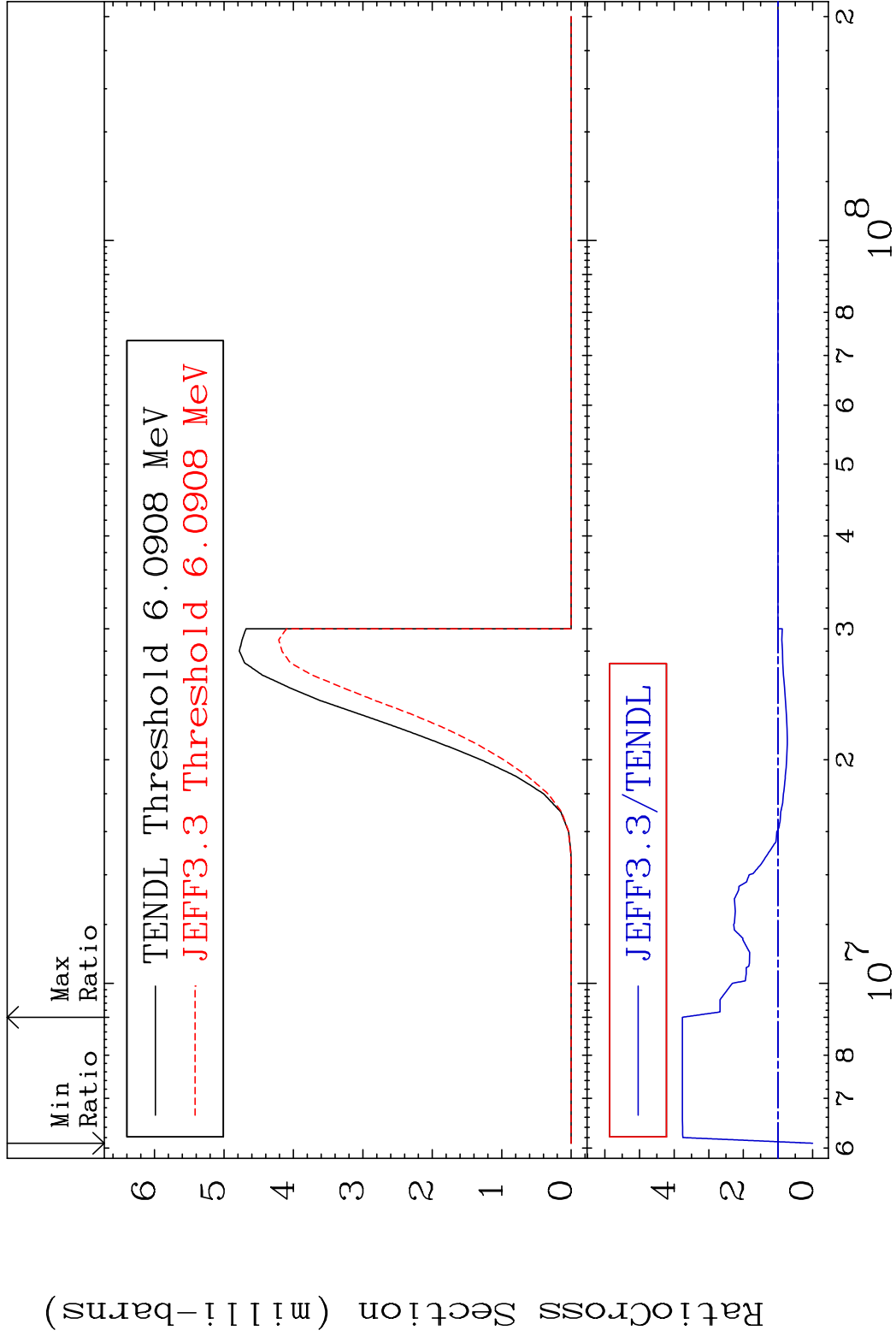
MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
Cross Section -48.31 To 9999. %



79 Incident Energy (eV) 30-Zn-64

MAT 3025 (n,p) α :27-Co-60g 30-Zn-64

Radionuclide Production Cross Section (mb) 180.0 dth 276.2 %



80 Incident Energy (eV) 30-Zn-64

