

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way

Livermore, CA 94550

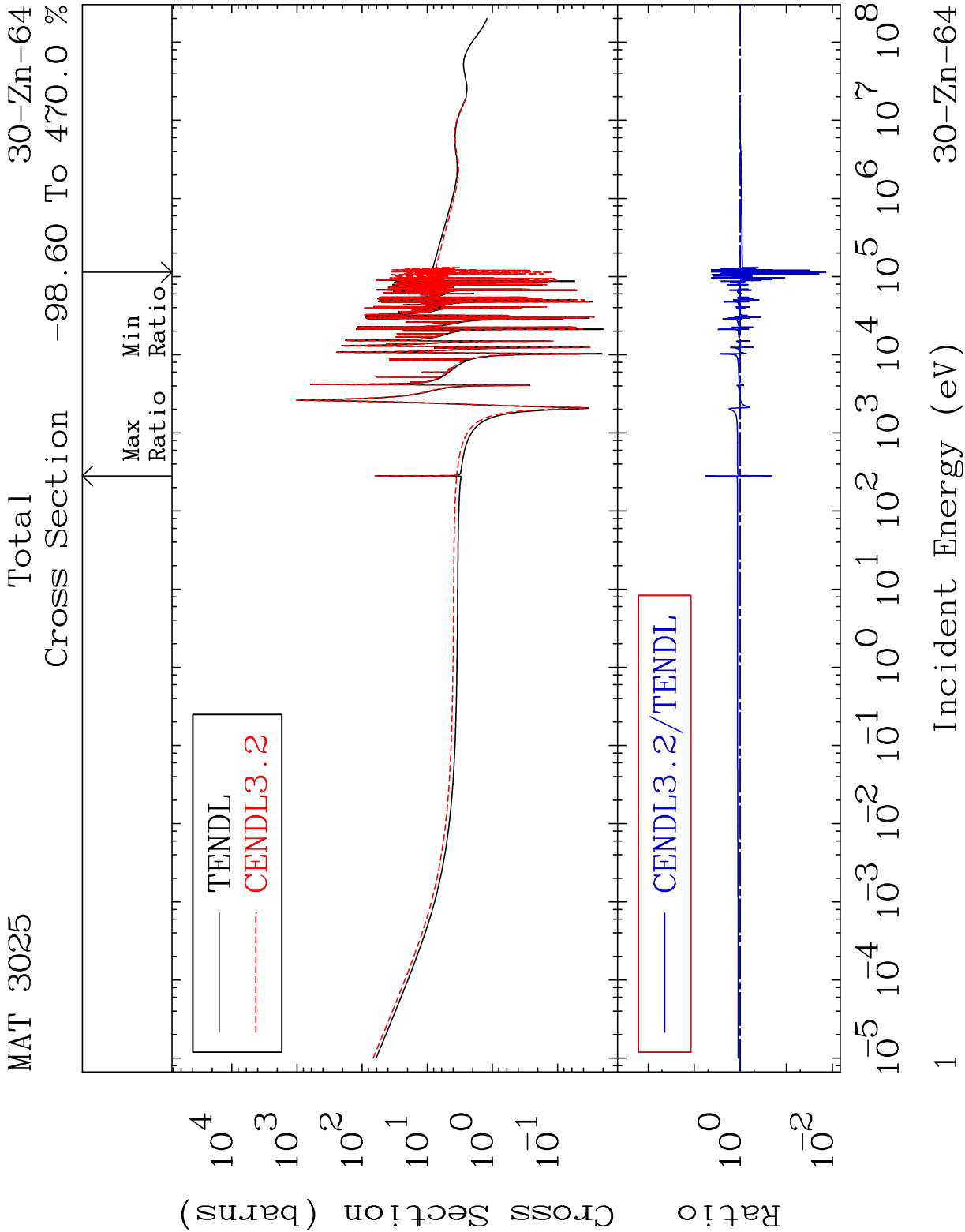
U.S.A.

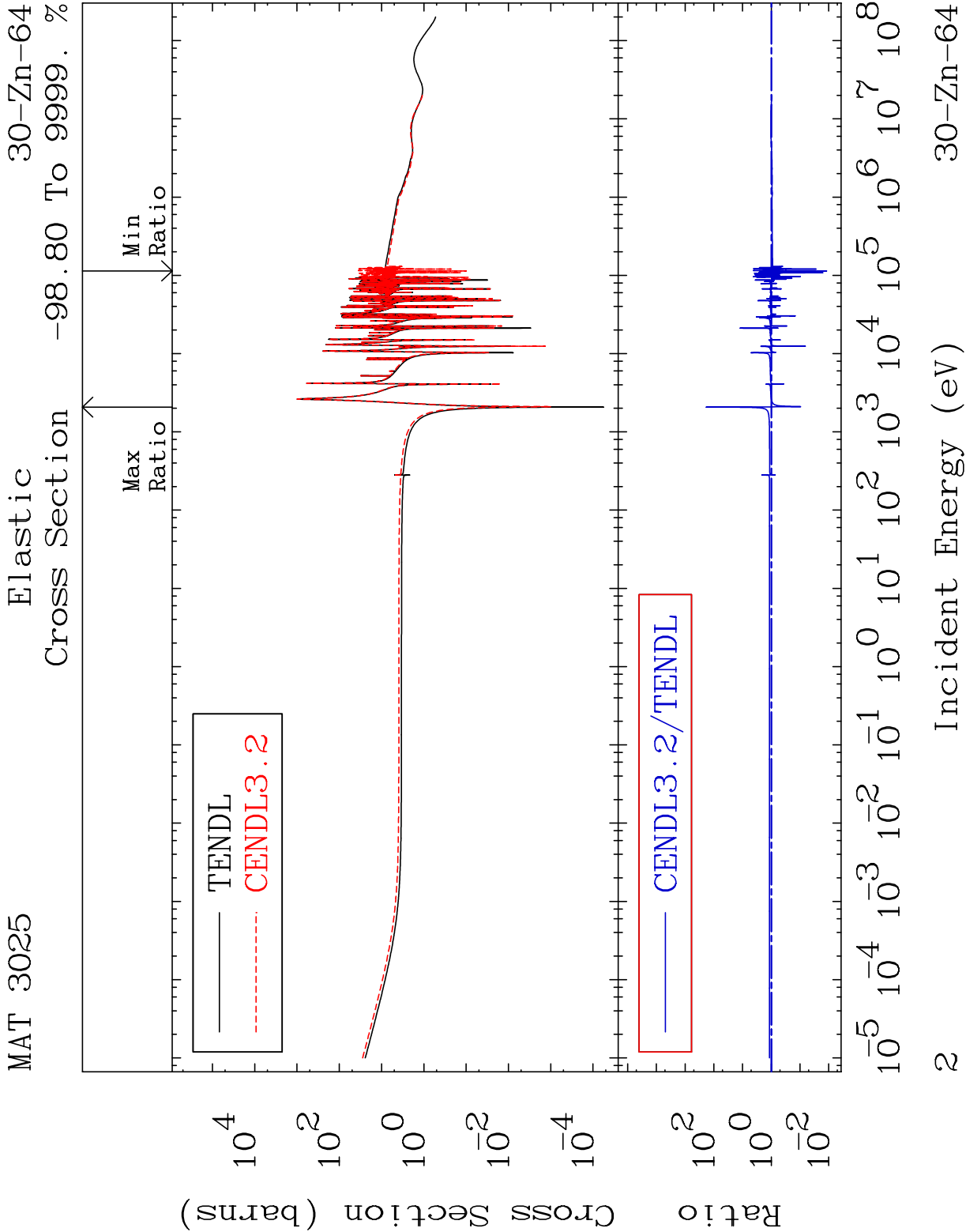
Tele: 925-443-1911

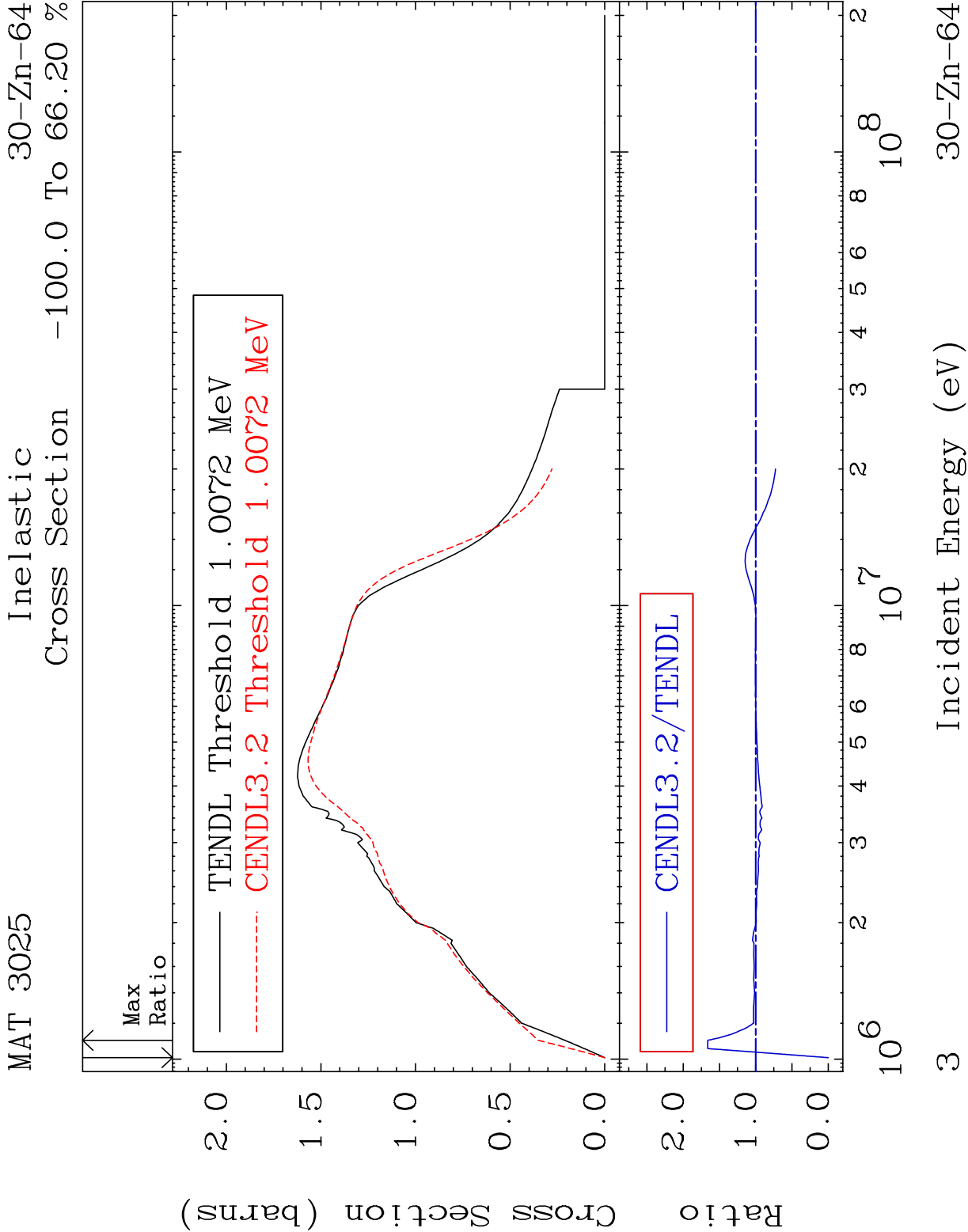
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

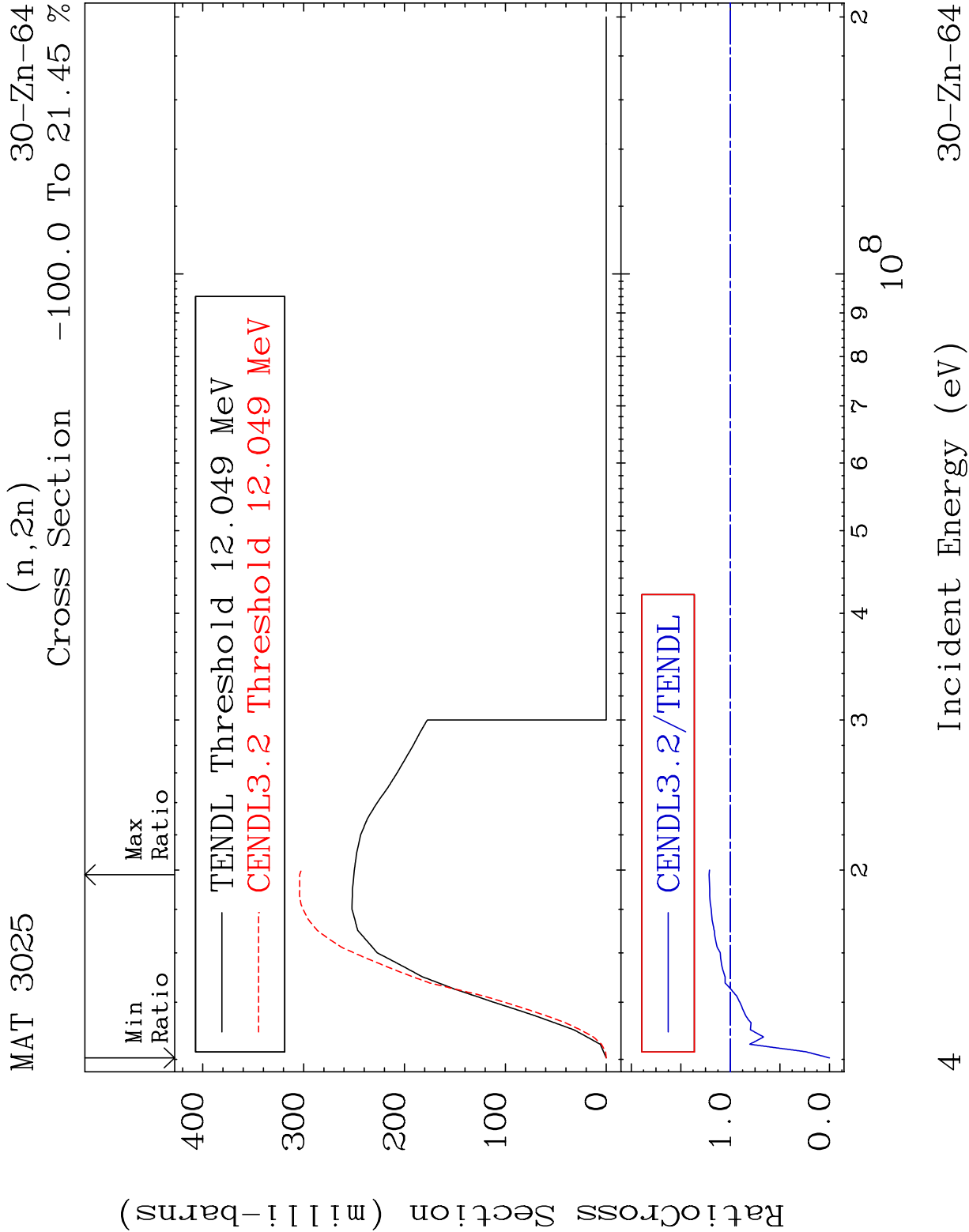
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

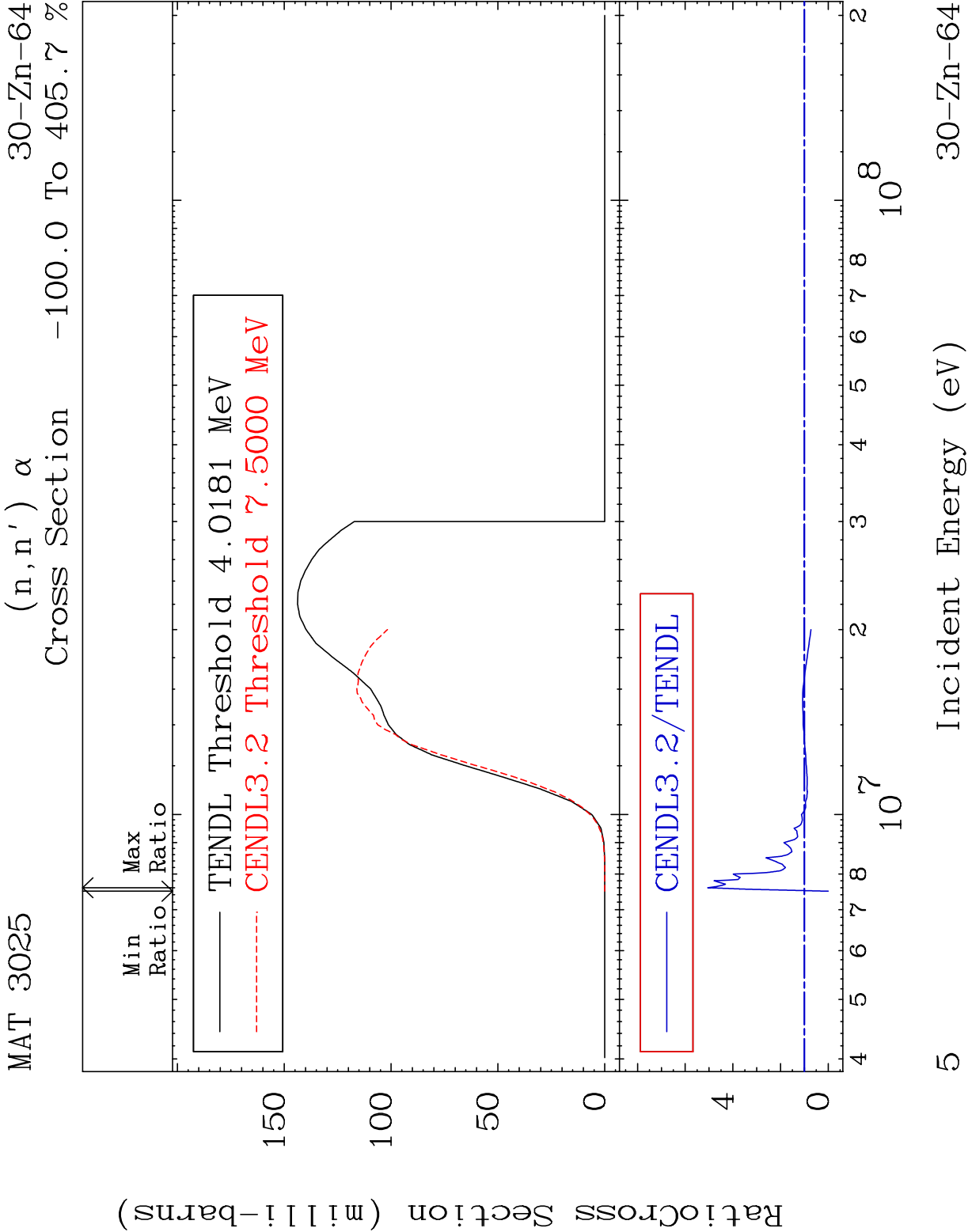
Press Mouse Button to Start

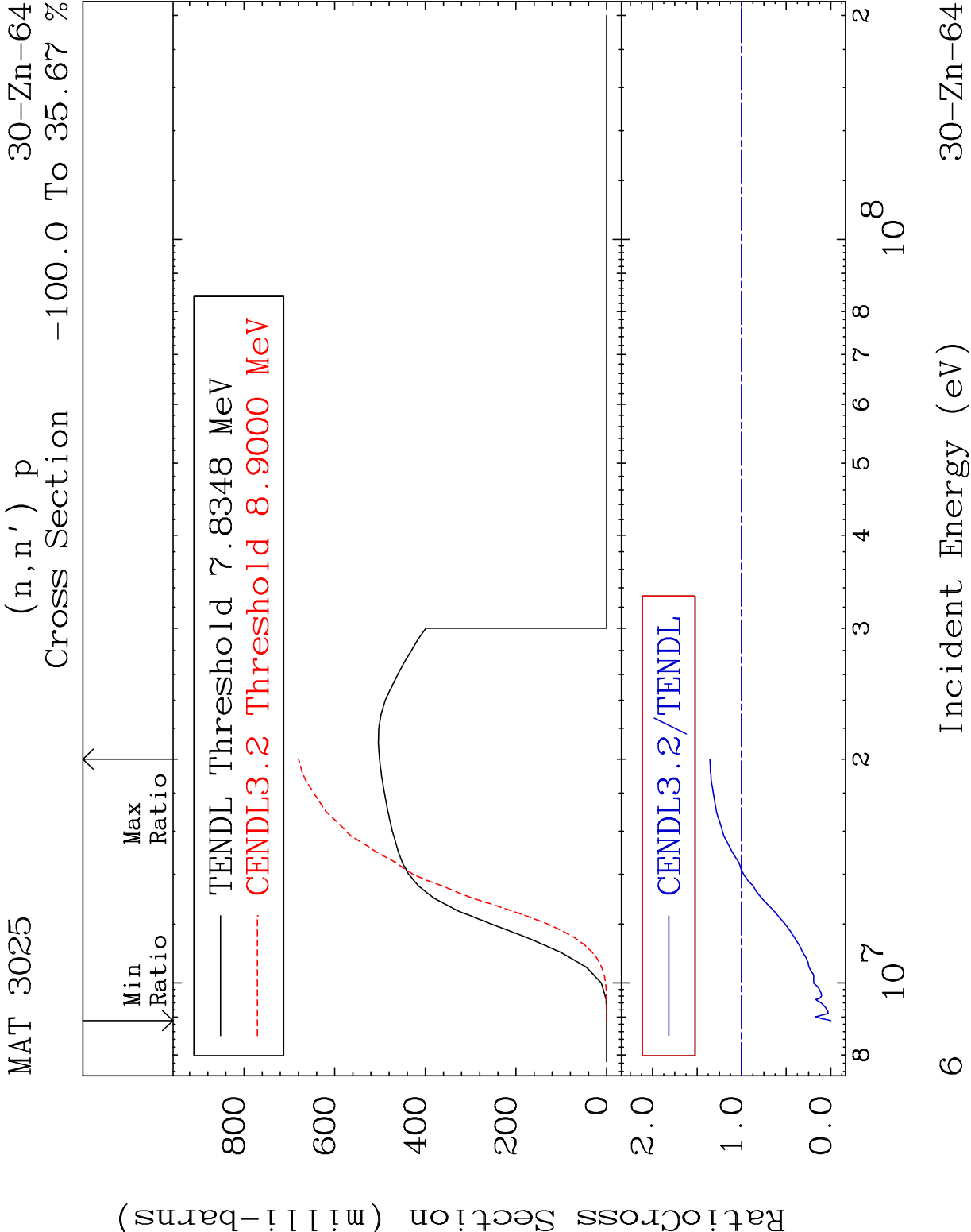


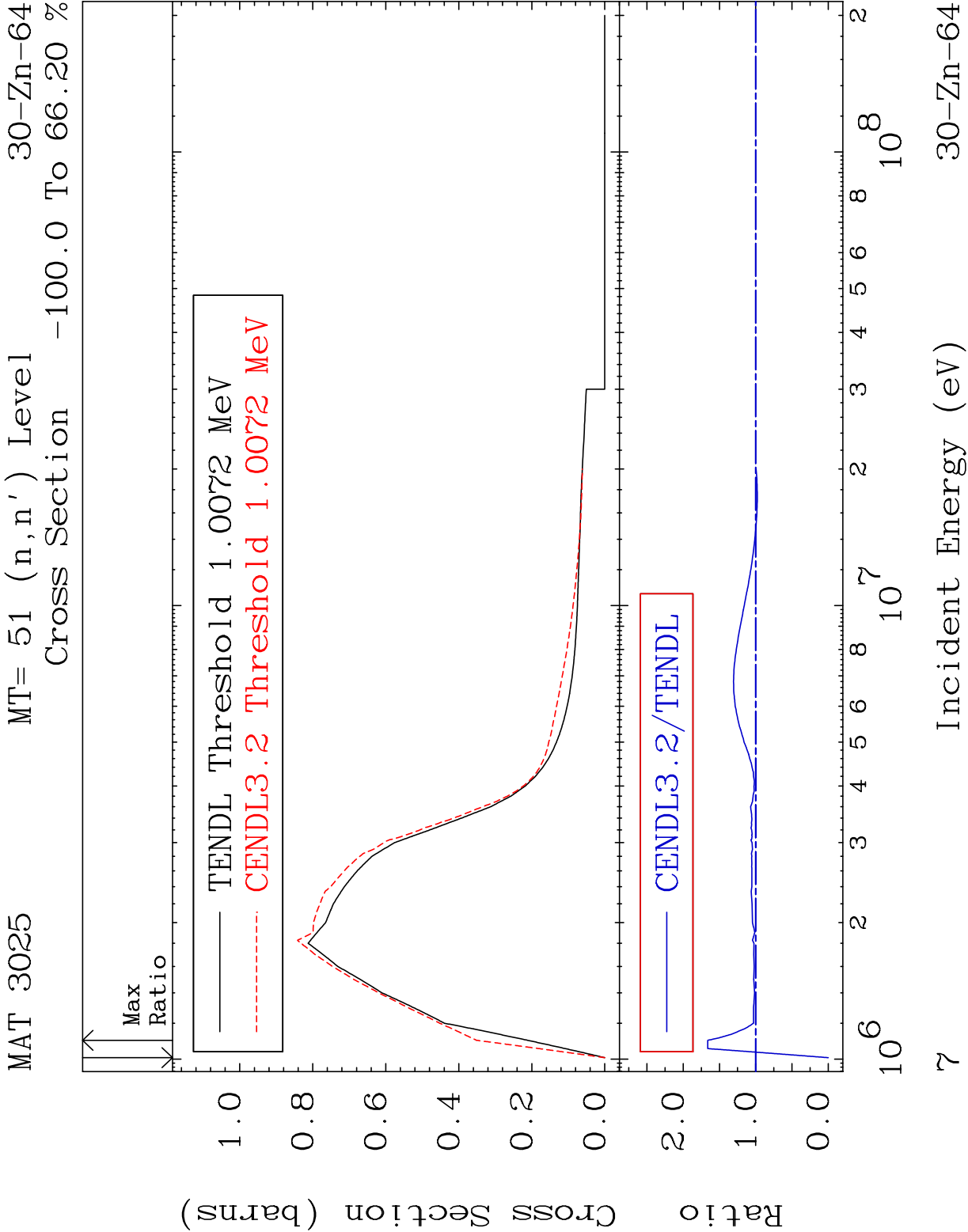




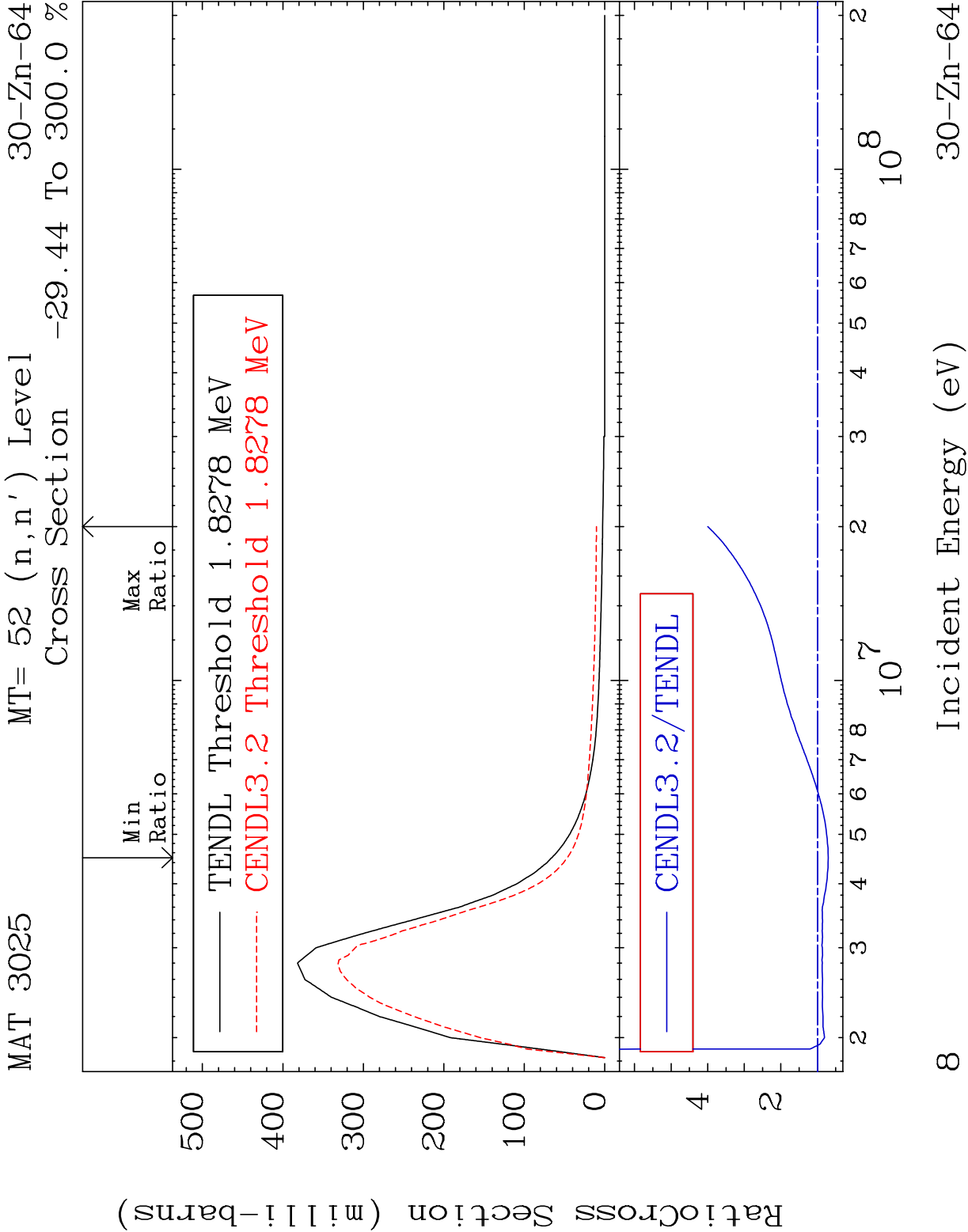




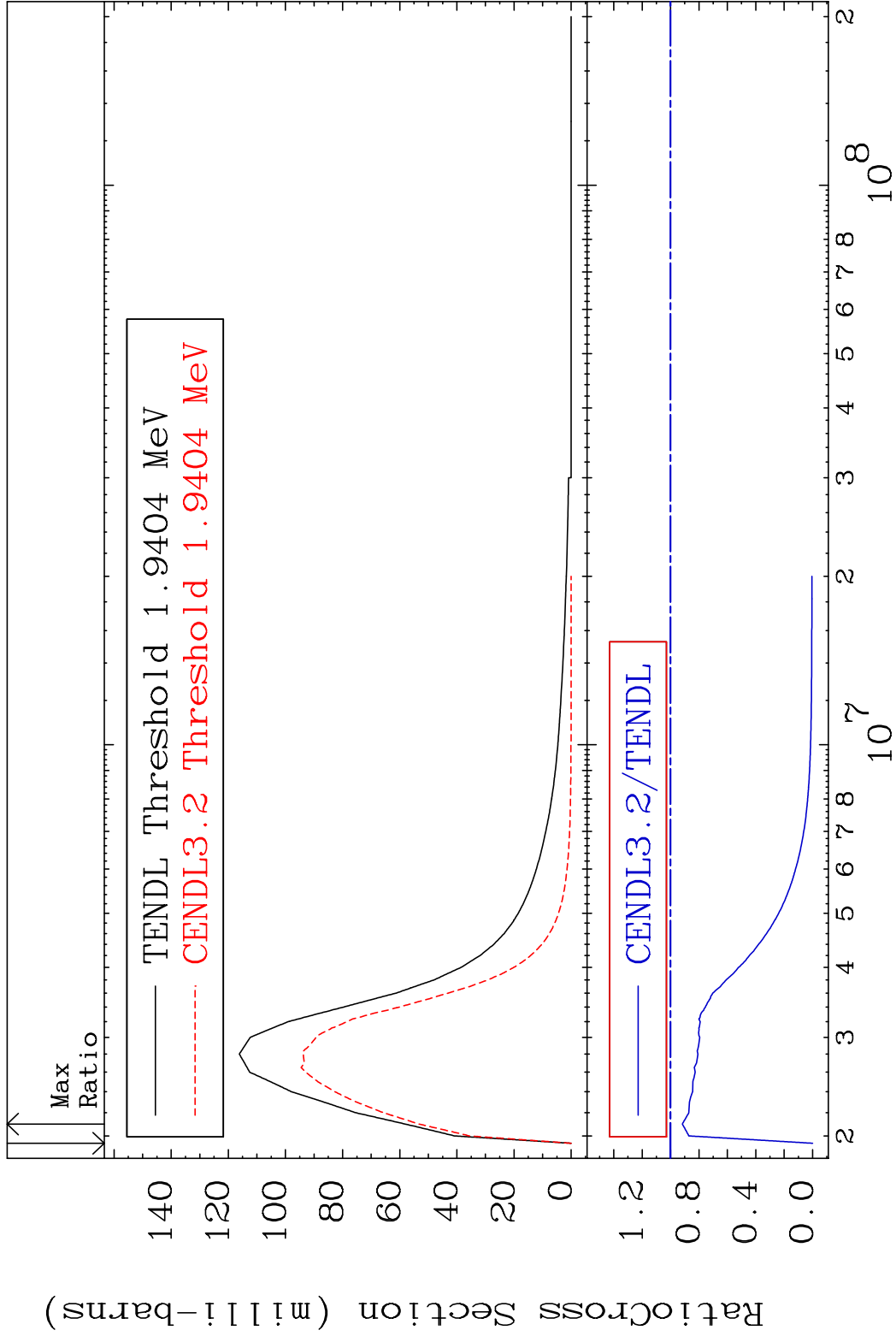


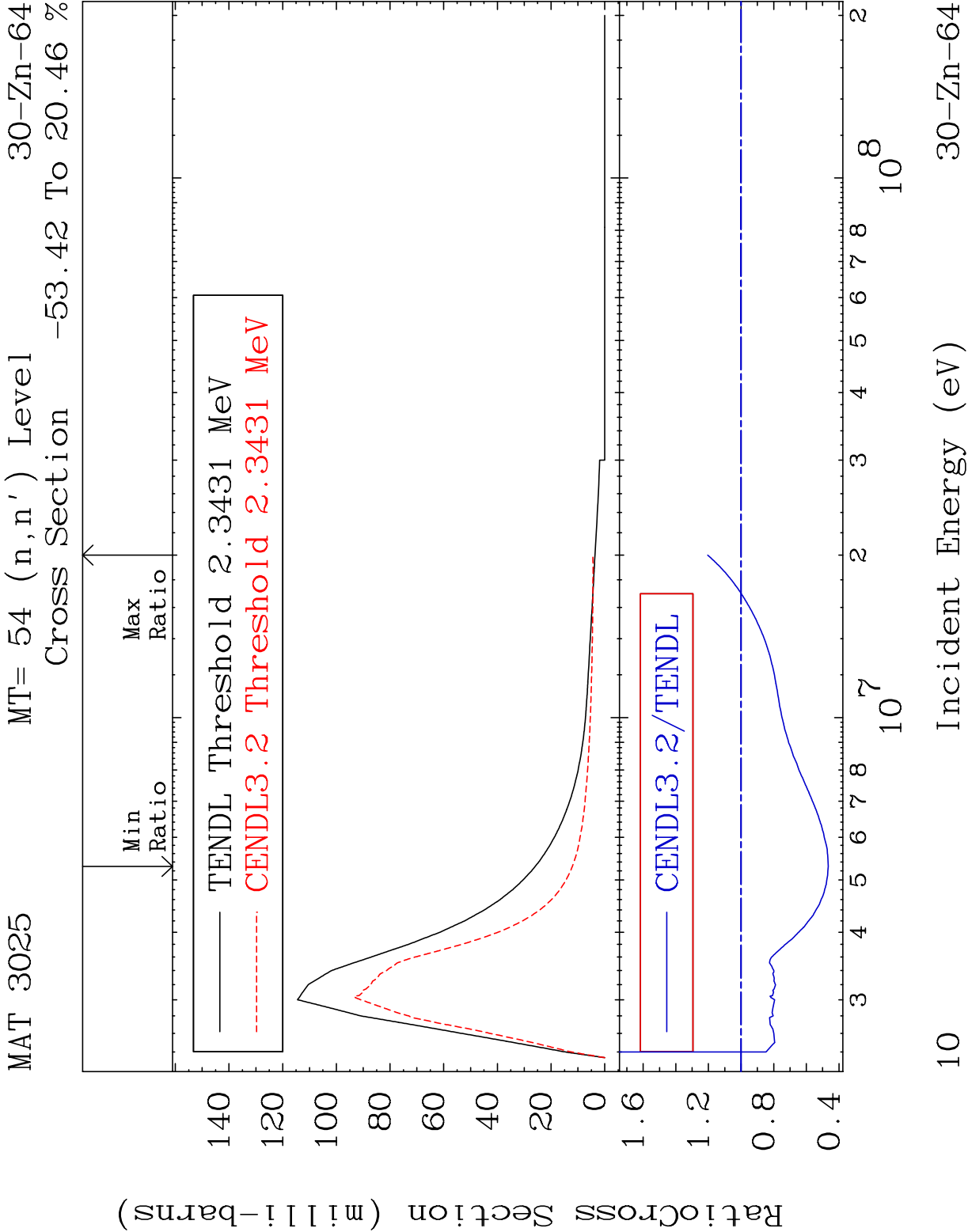


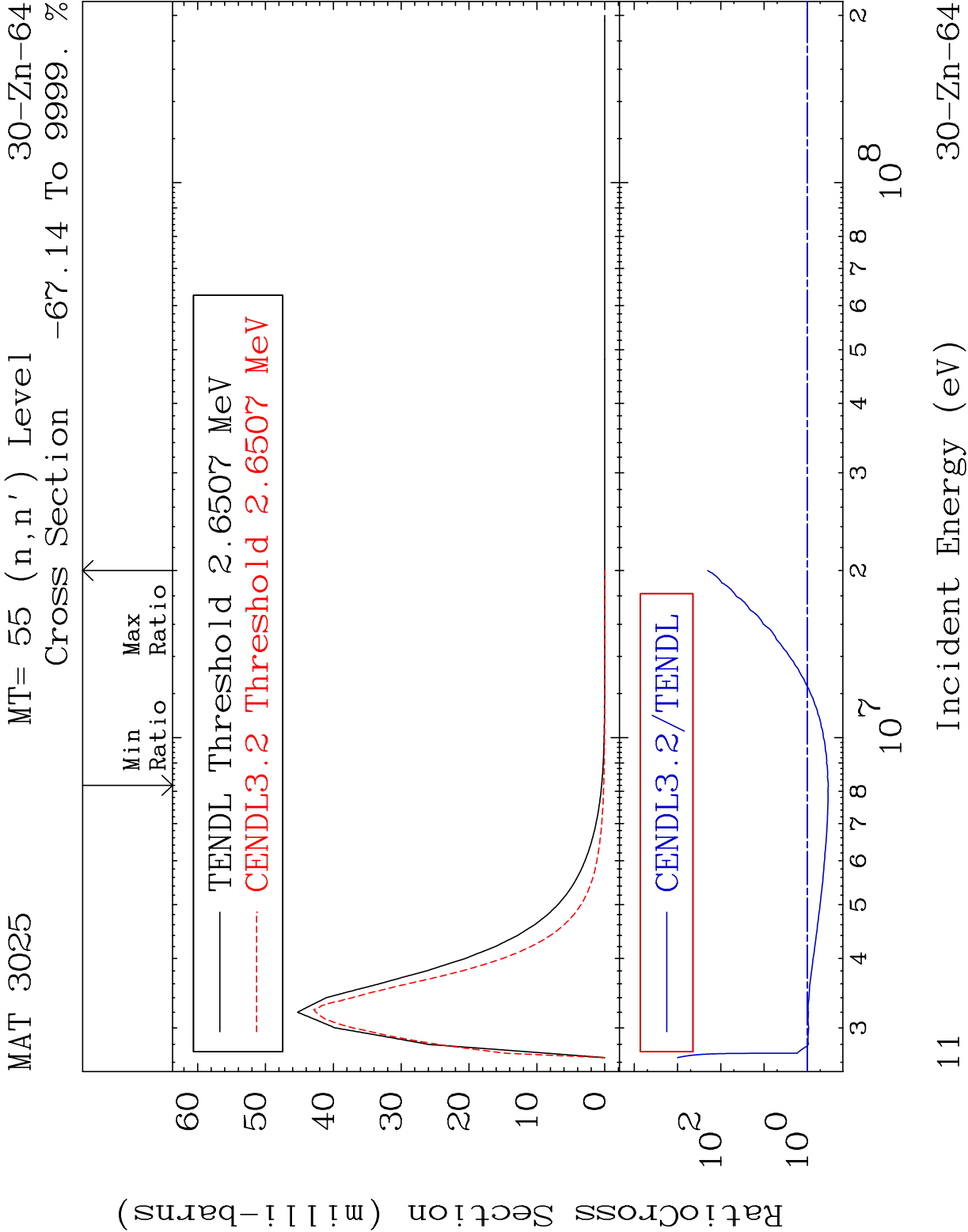


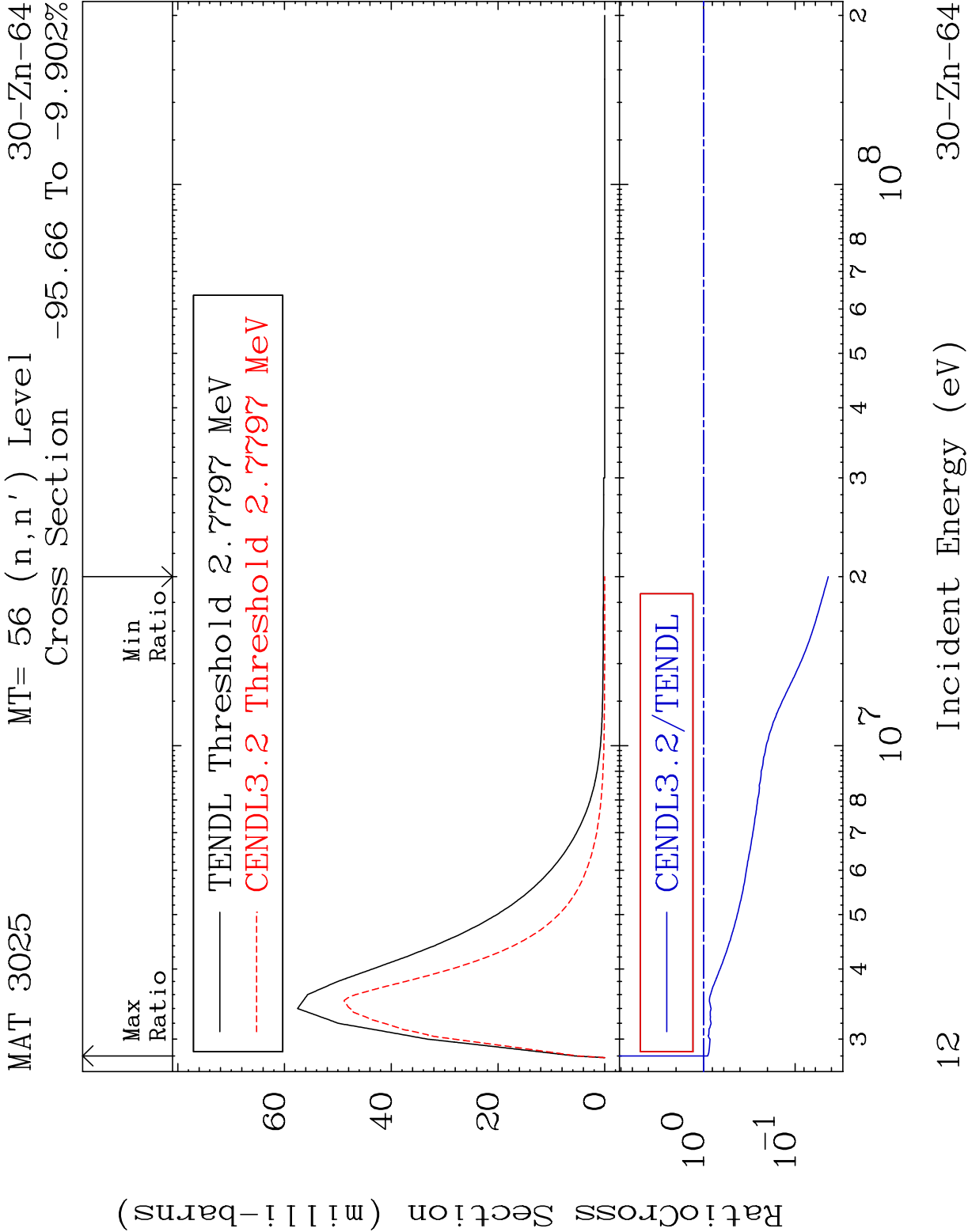


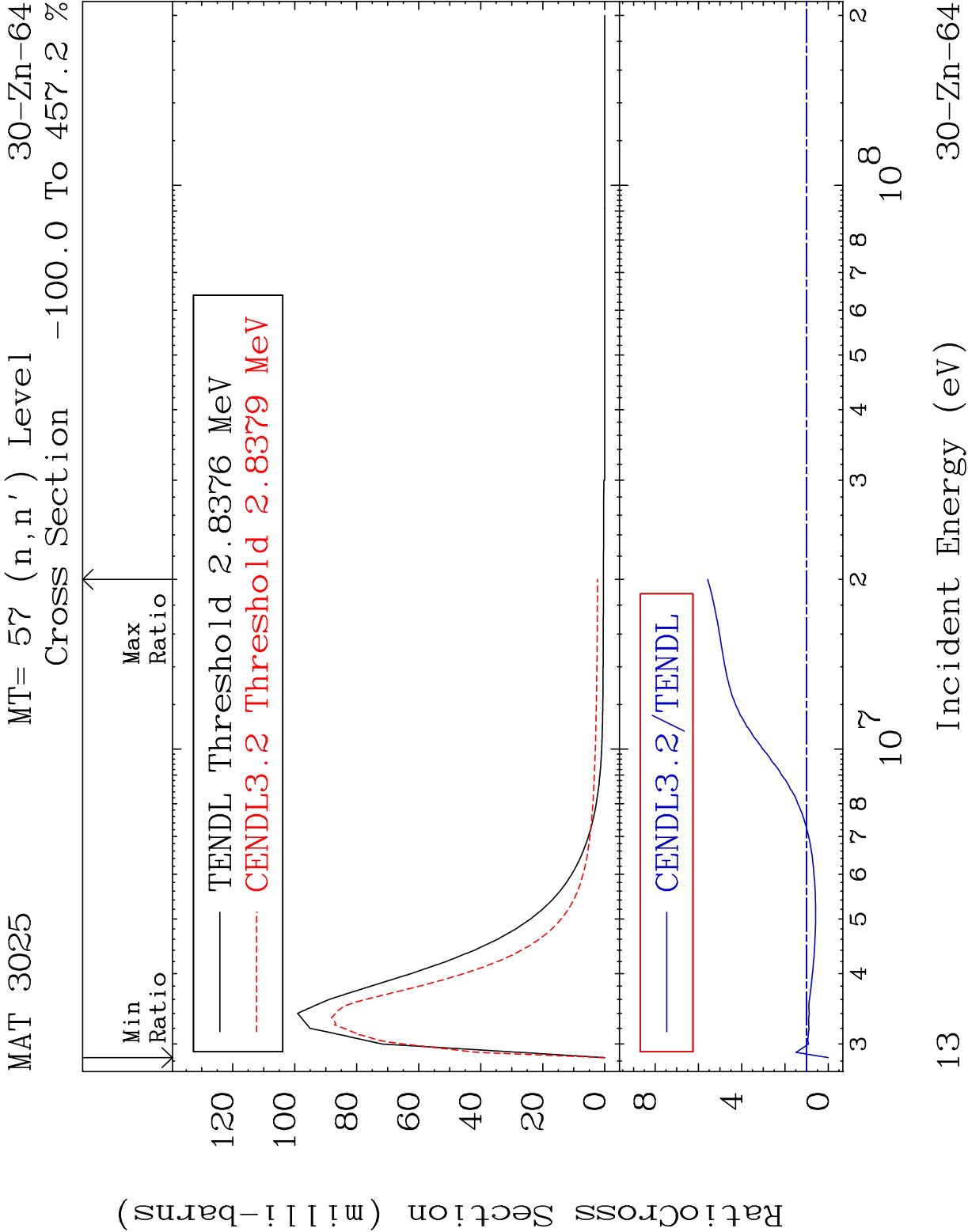
MAT 3025      MT= 53 (n,n') Level      30-Zn-64  
Cross Section    -100.0 To -8.316%

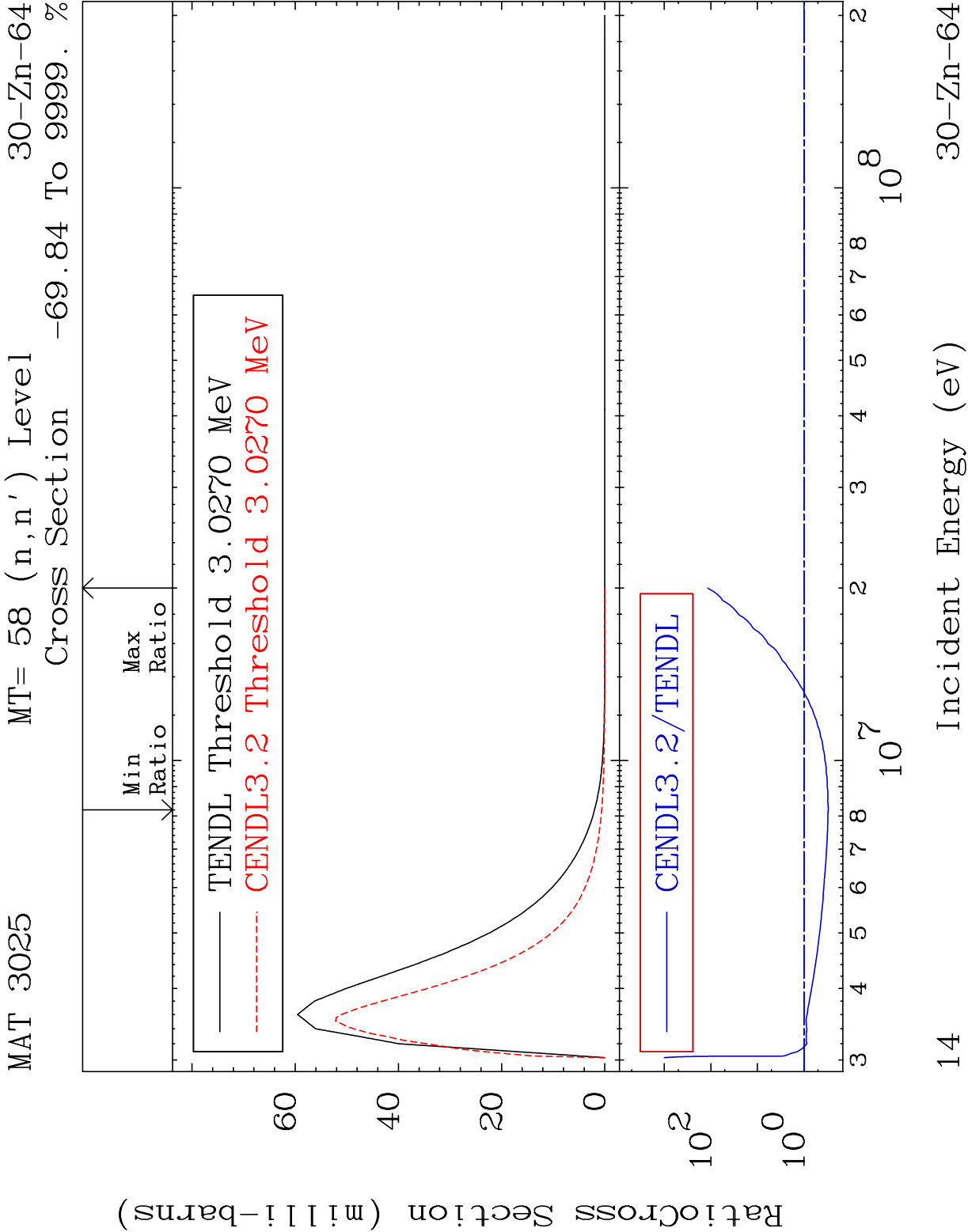




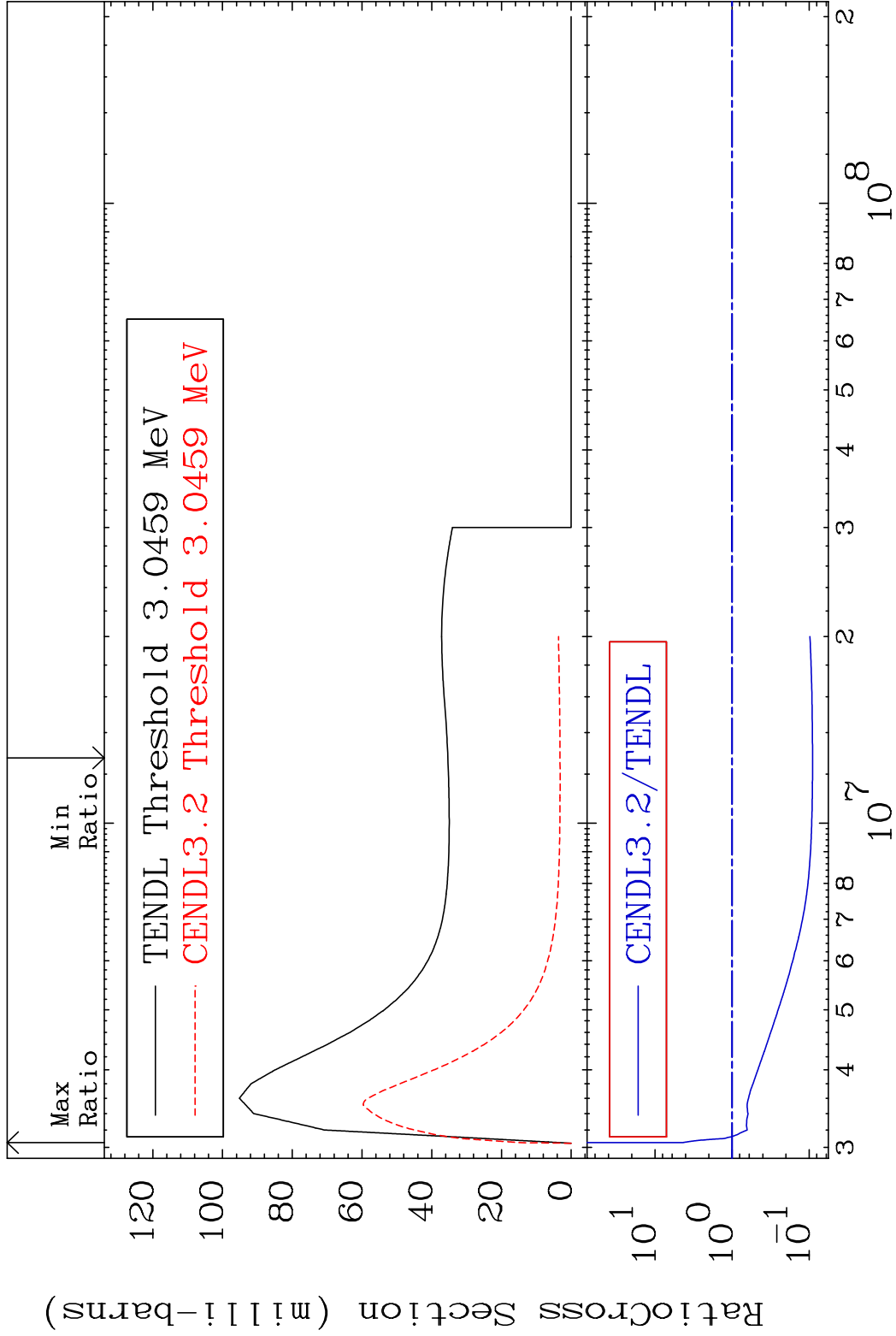








MAT 3025      MT= 59 (n,n') Level      30-Zn-64  
Cross Section    -90.95 To 341.7 %



15      Incident Energy (eV)      30-Zn-64

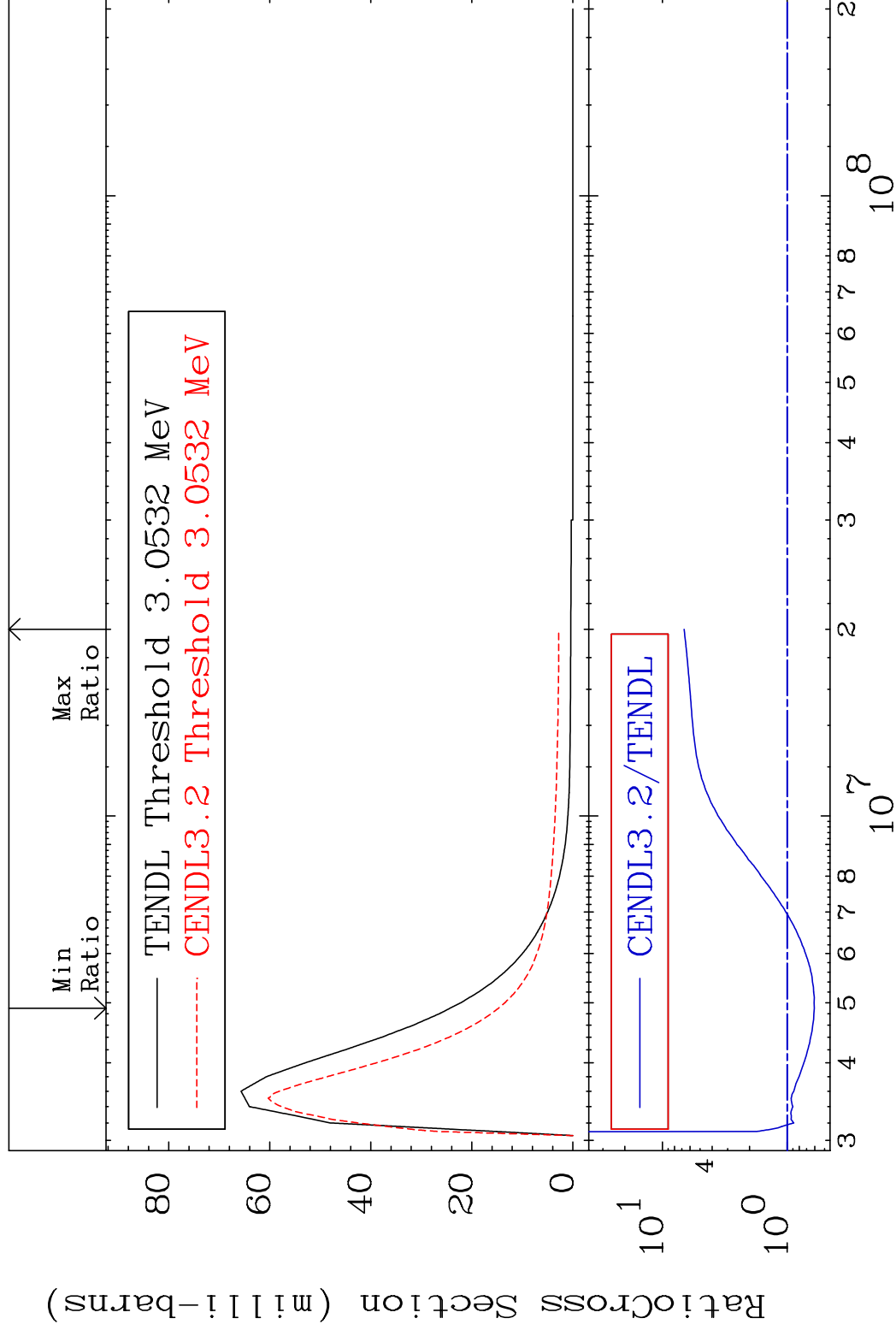


MAT 3025

MT= 60 (n, n') Level

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

Cross Section -39.41 To 570.8 %

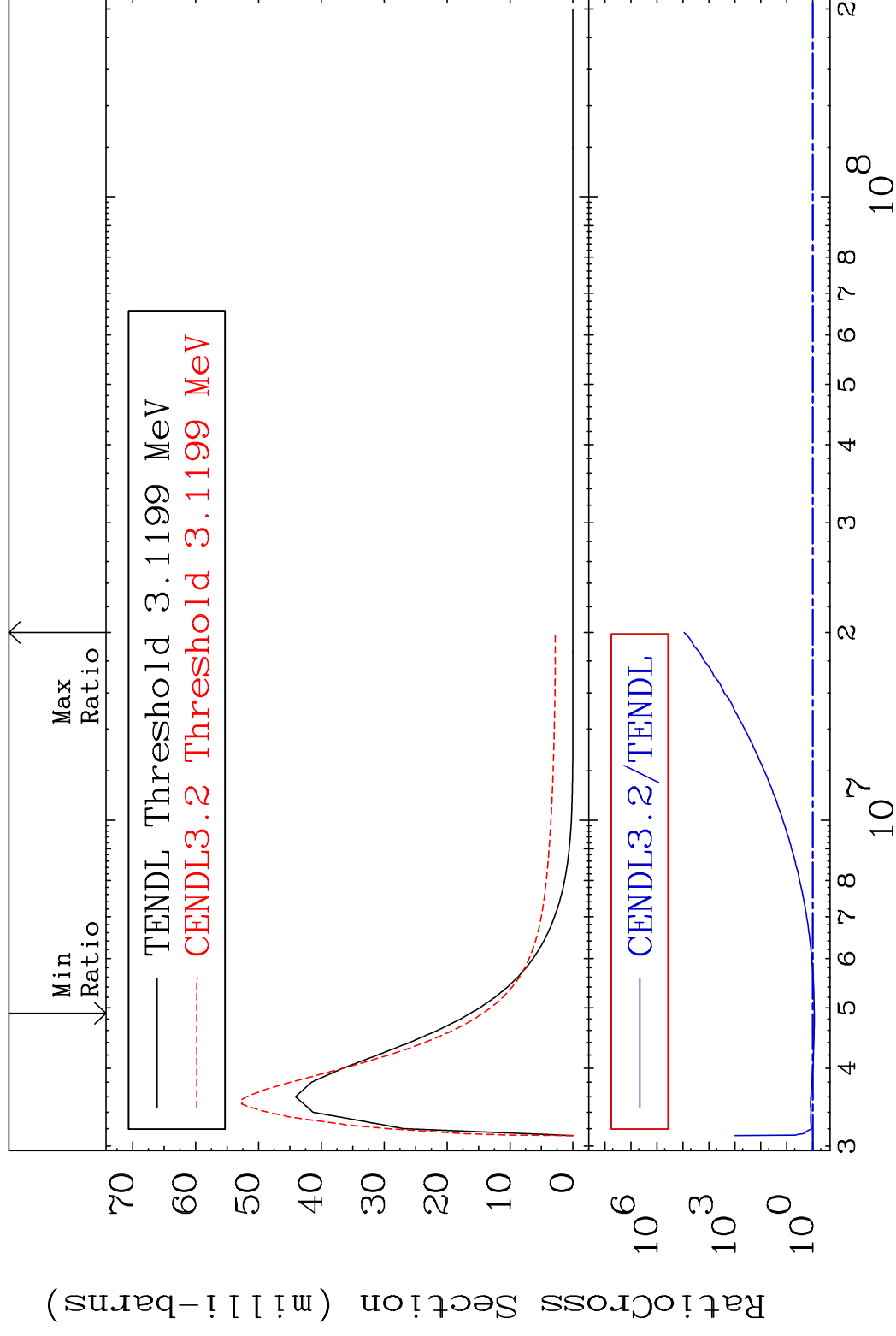


MAT 3025

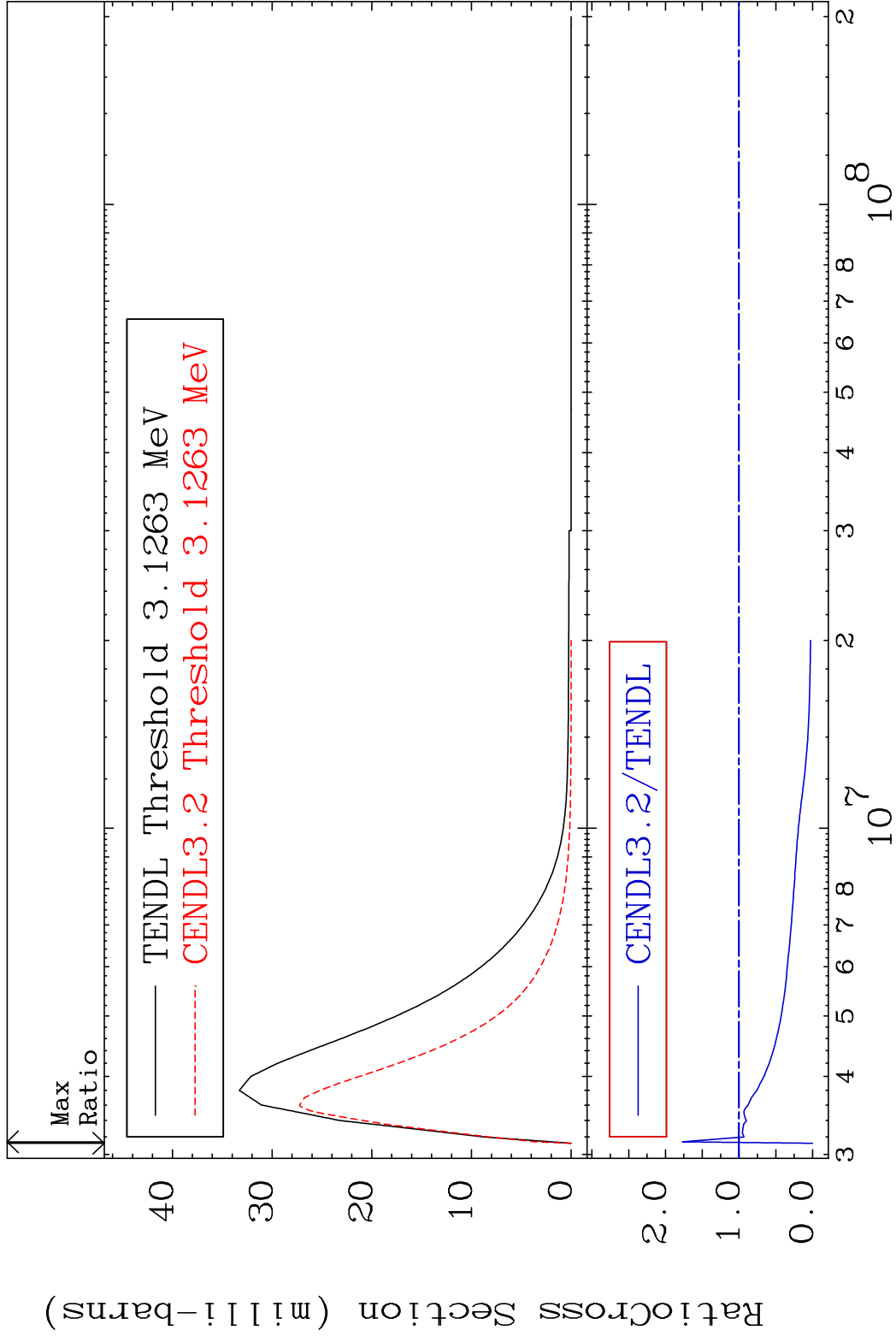
MT= 61 (n, n') Level

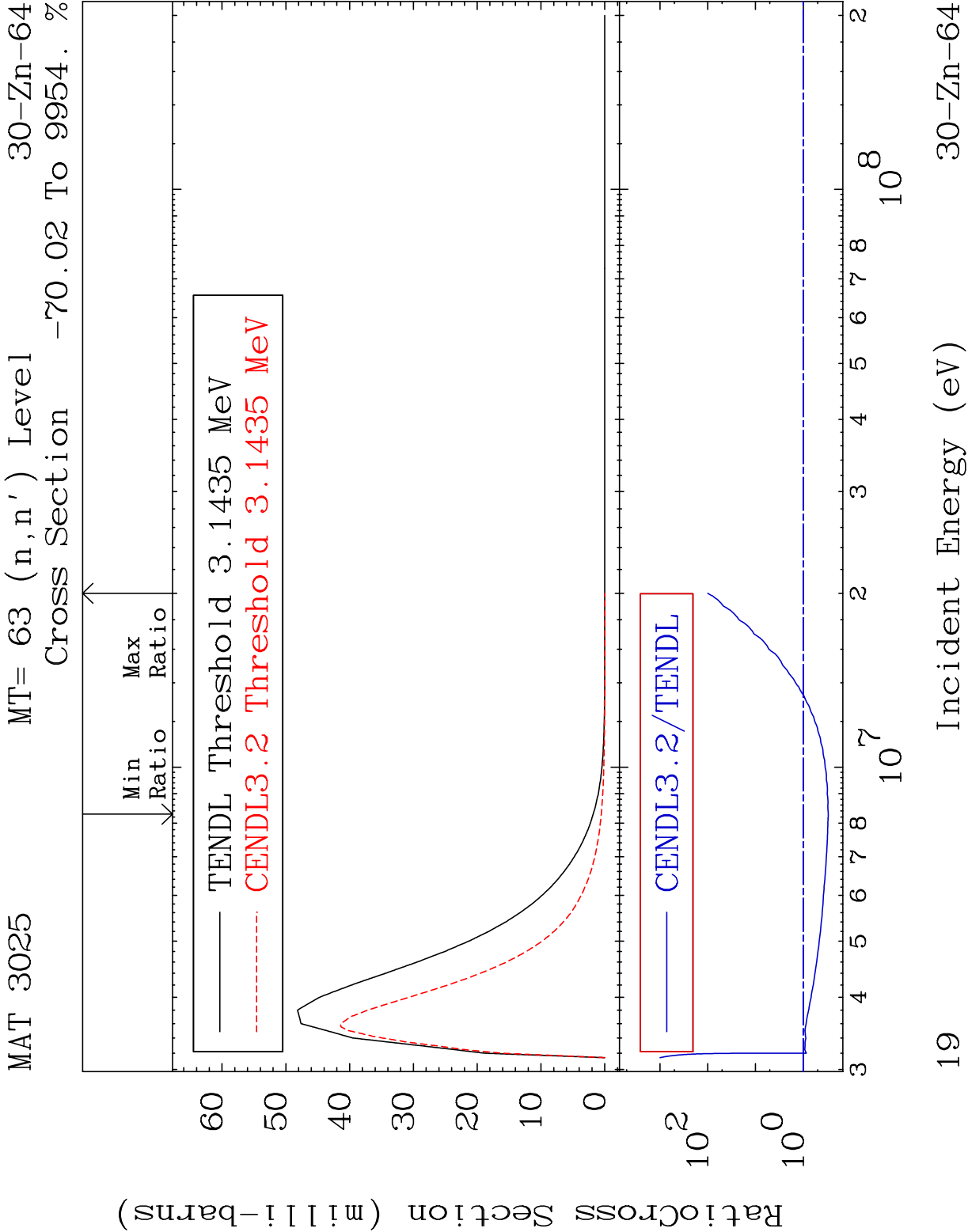
 $^{30}\text{Zn}-^{64}$ 

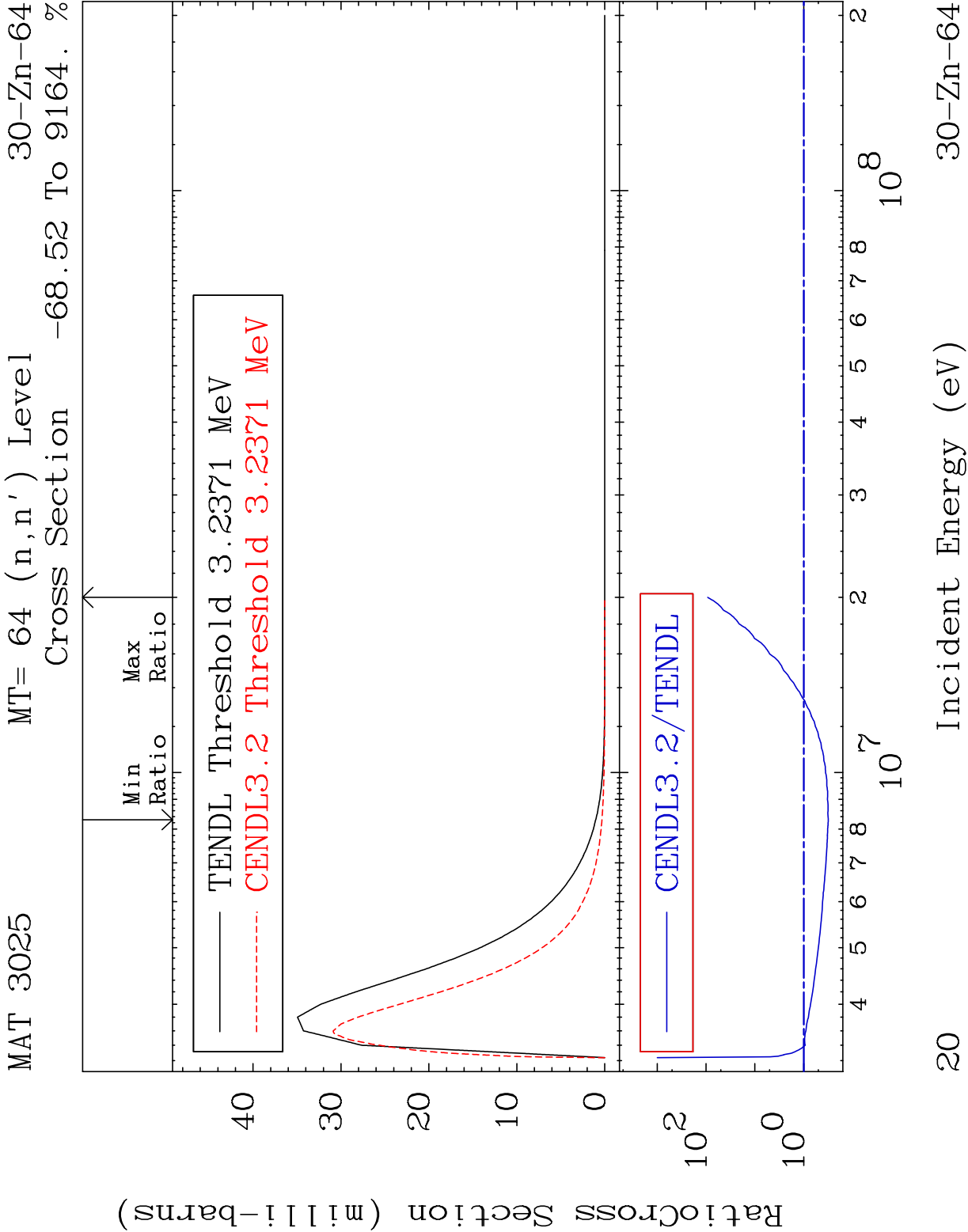
Cross Section -12.36 To 9999. %



MAT 3025      MT= 62 (n,n') Level      30-Zn-64  
Cross Section    -100.0 To 77.06 %

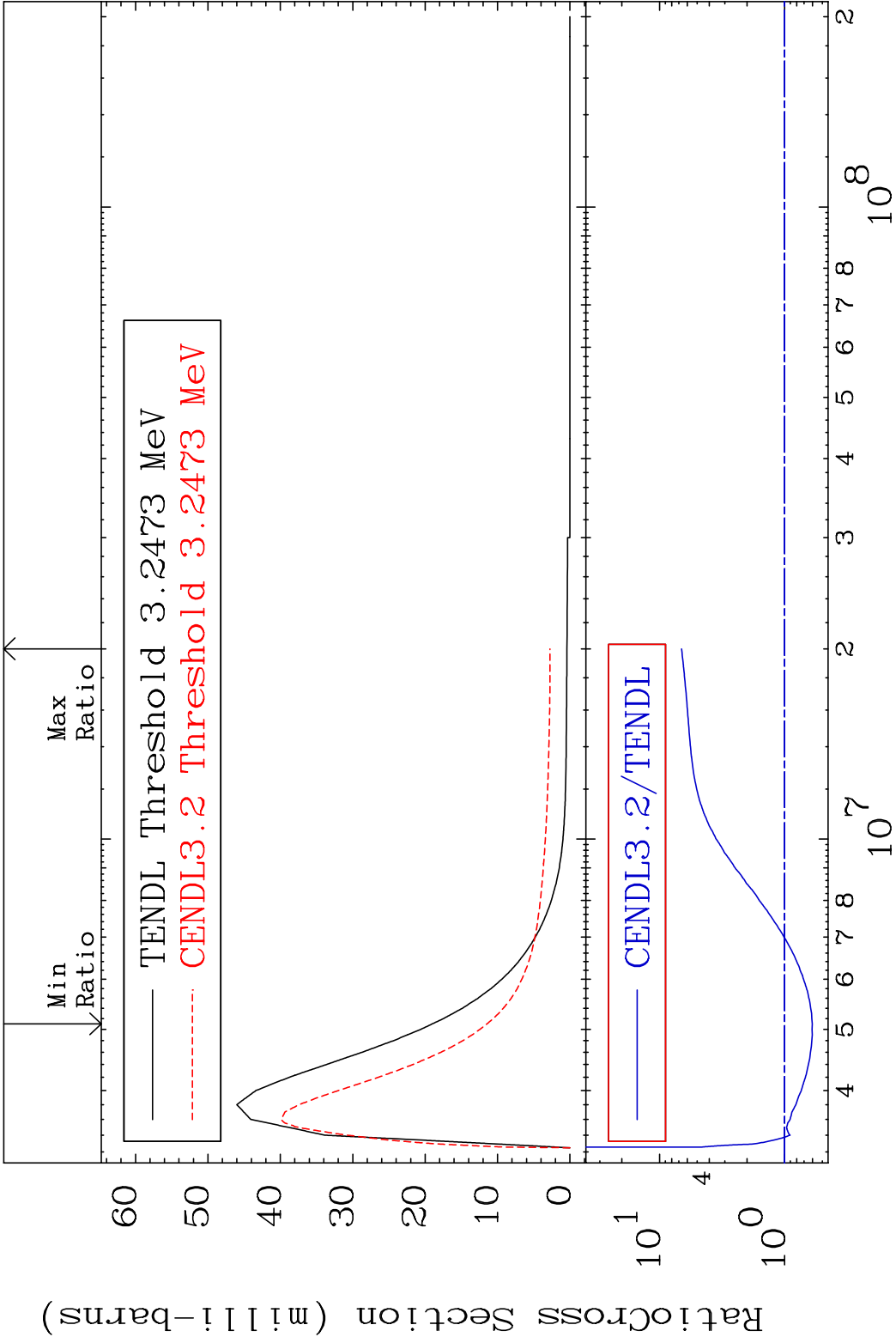






RatioCross Section ( milli-barns )

MAT 3025      MT= 65 (n,n') Level      30-Zn-64  
Cross Section    -39.79 To 566.8 %

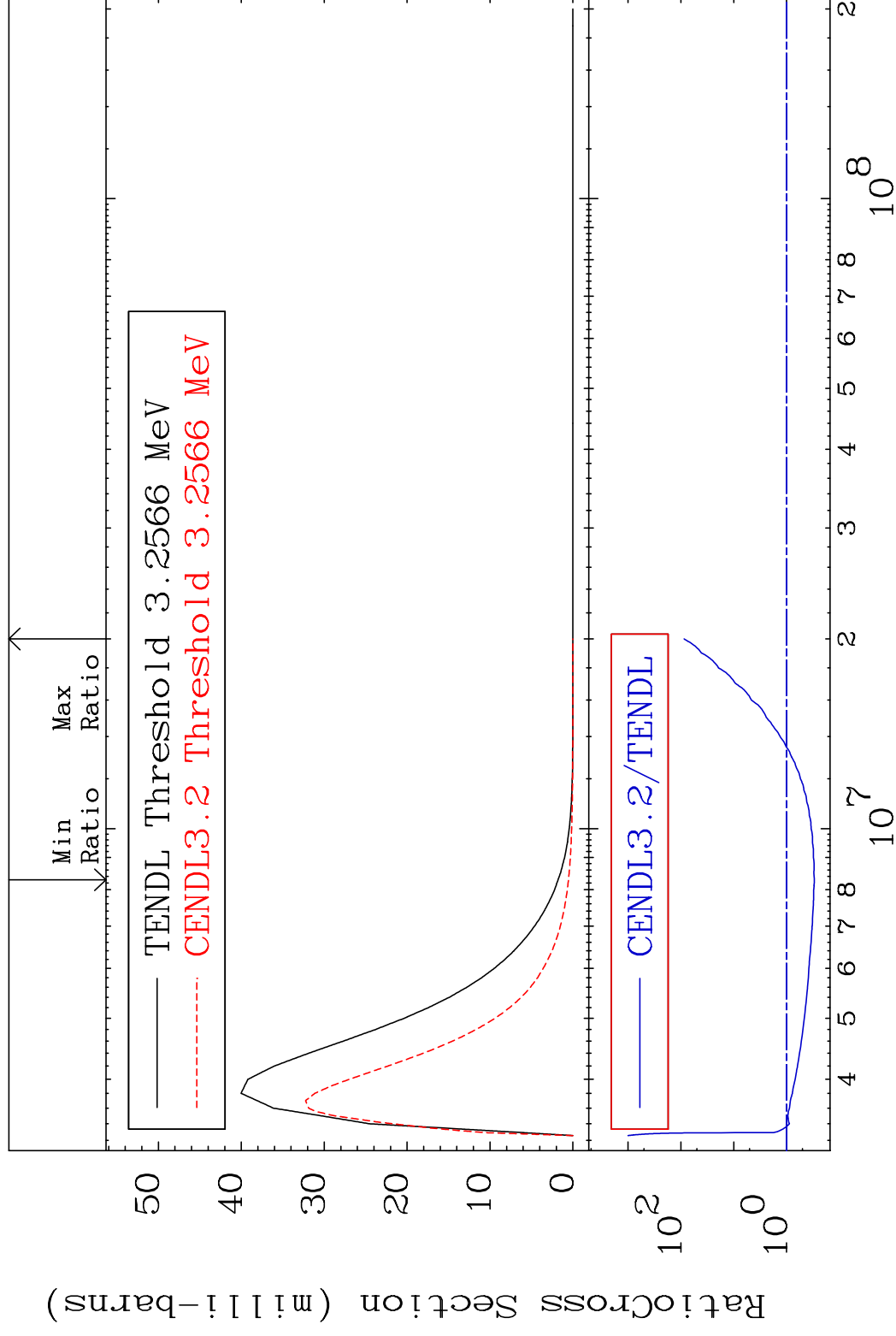


MAT 3025

MT= 66 (n, n') Level

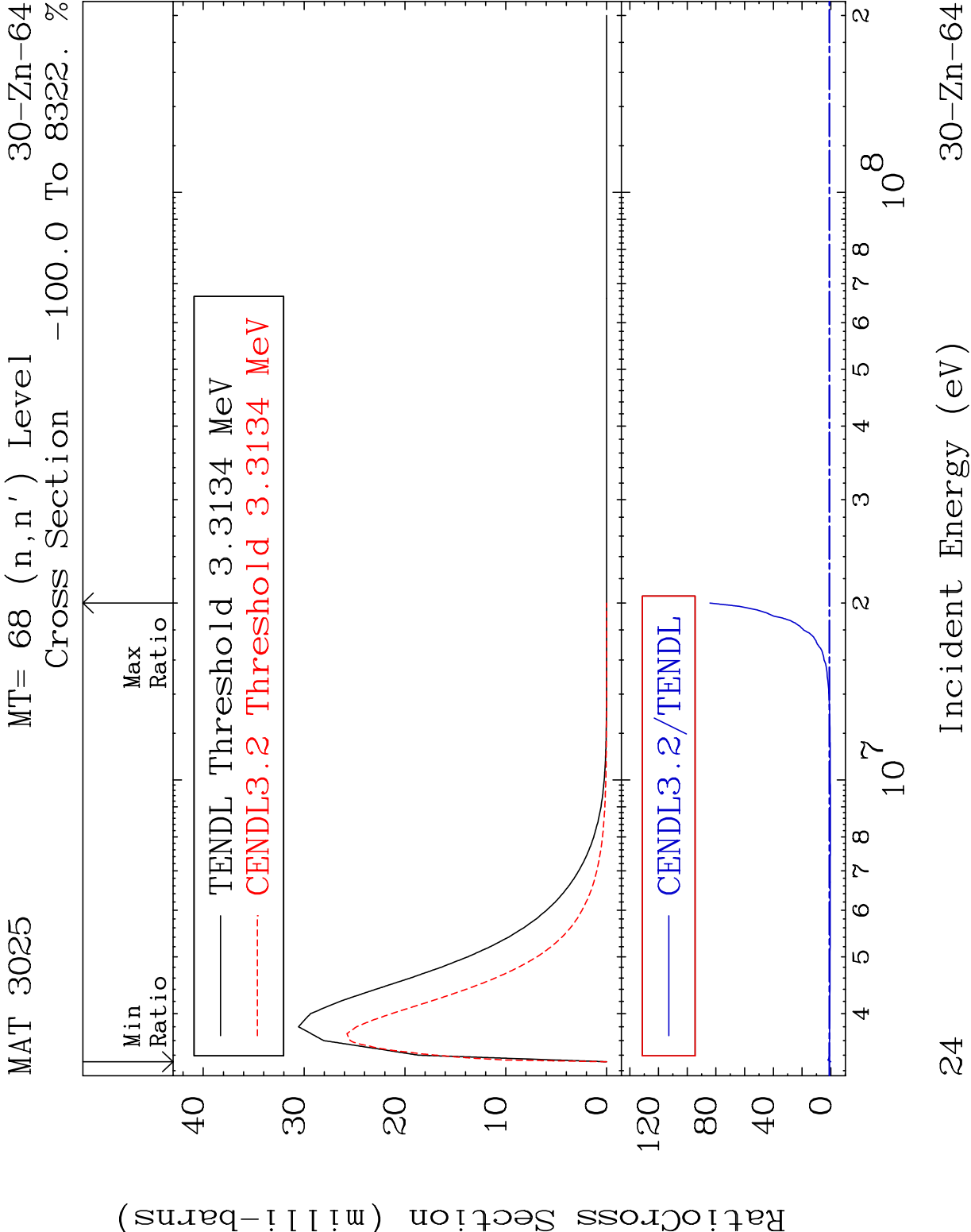
30-Zn-64

Cross Section -70.13 To 8611. %







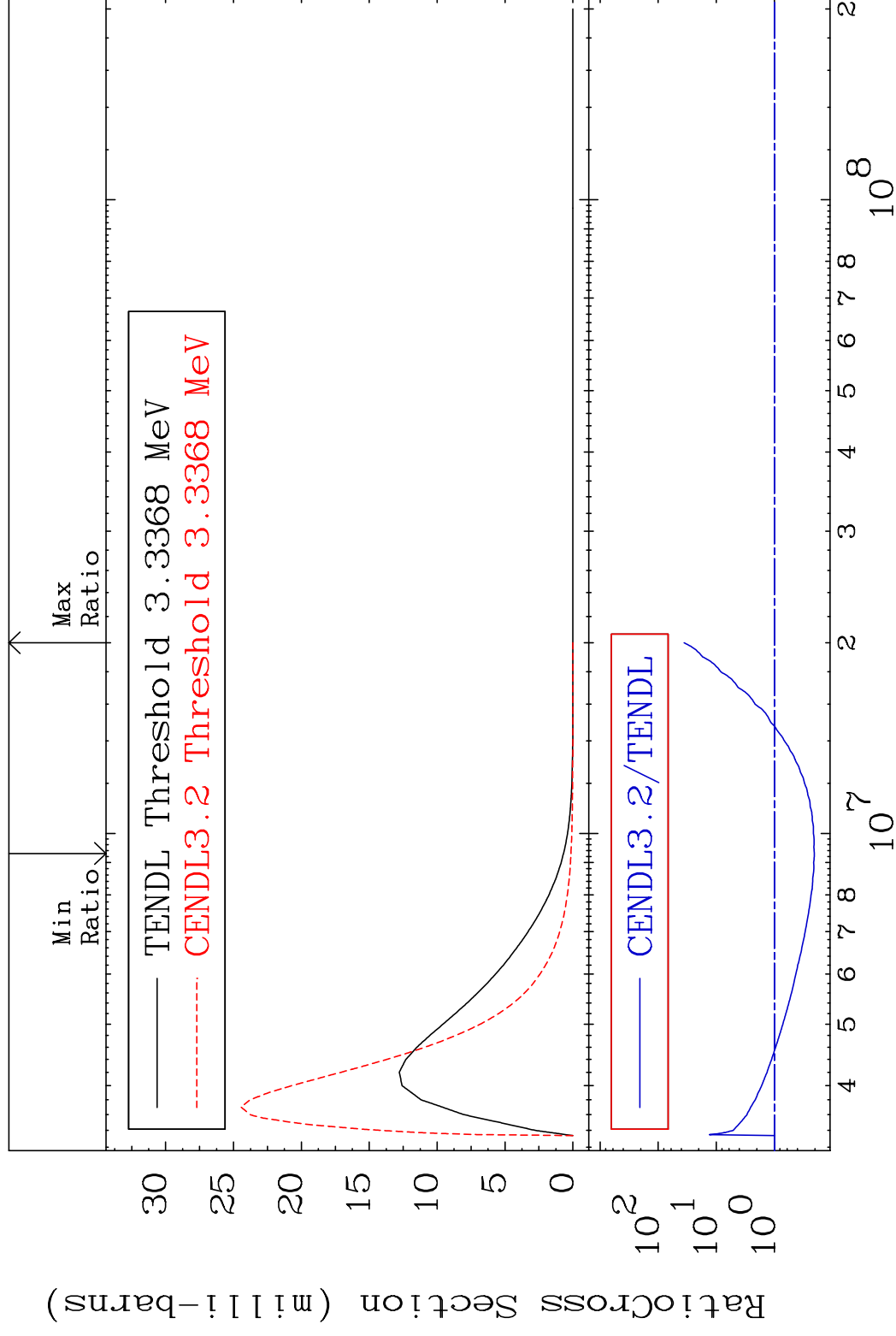


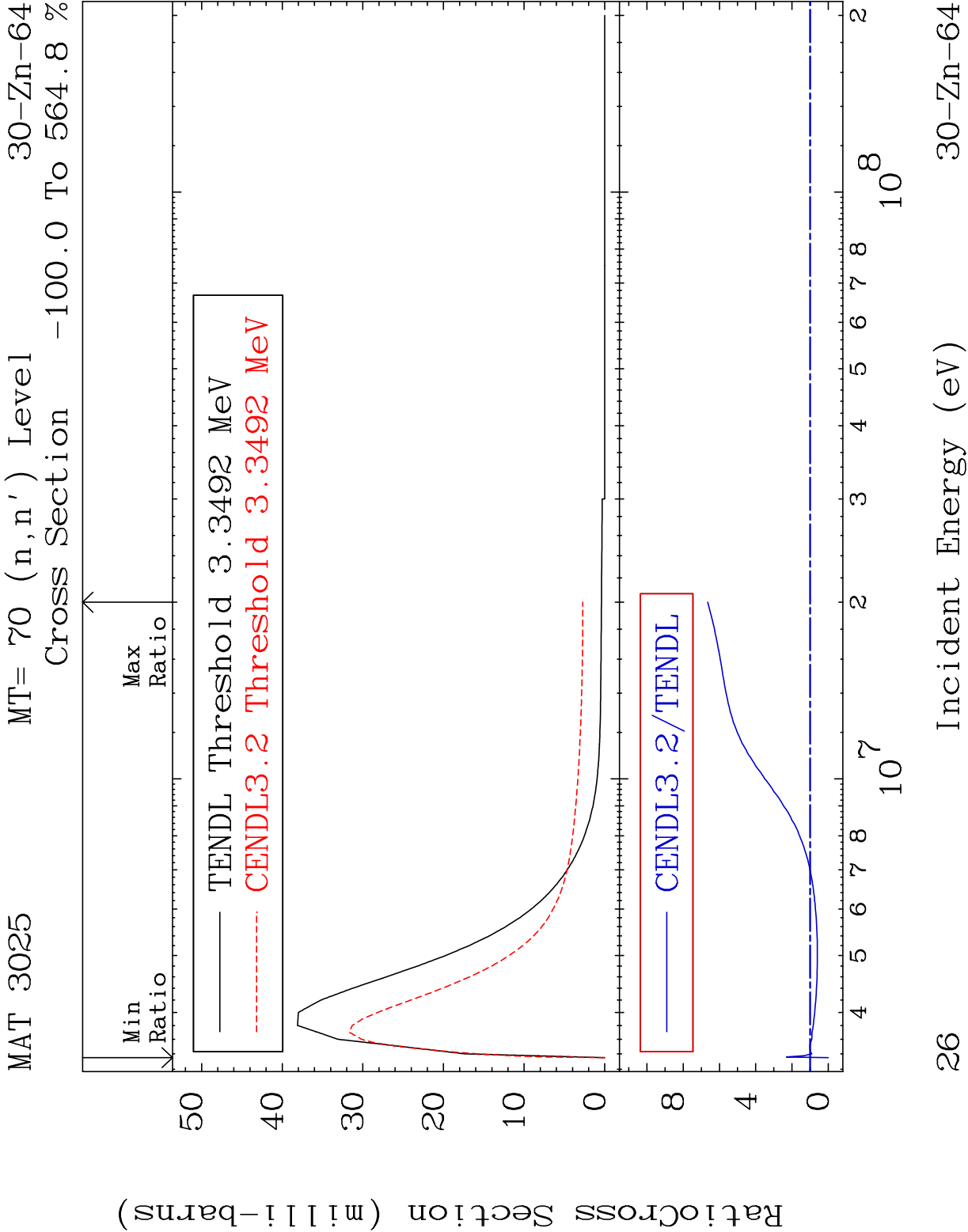
MAT 3025

MT= 69 (n, n') Level

30-Zn-64

Cross Section -79.49 To 3485. %

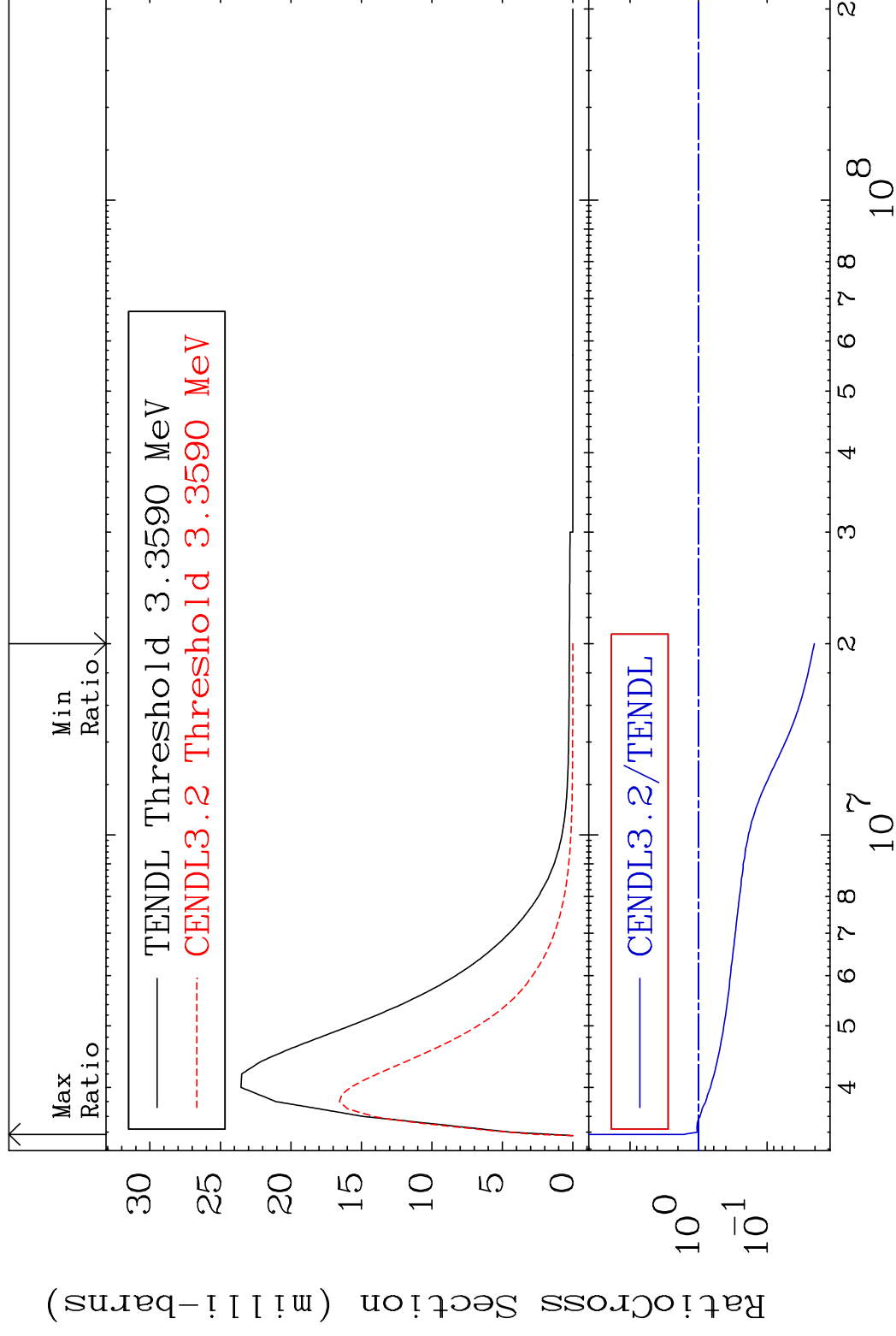


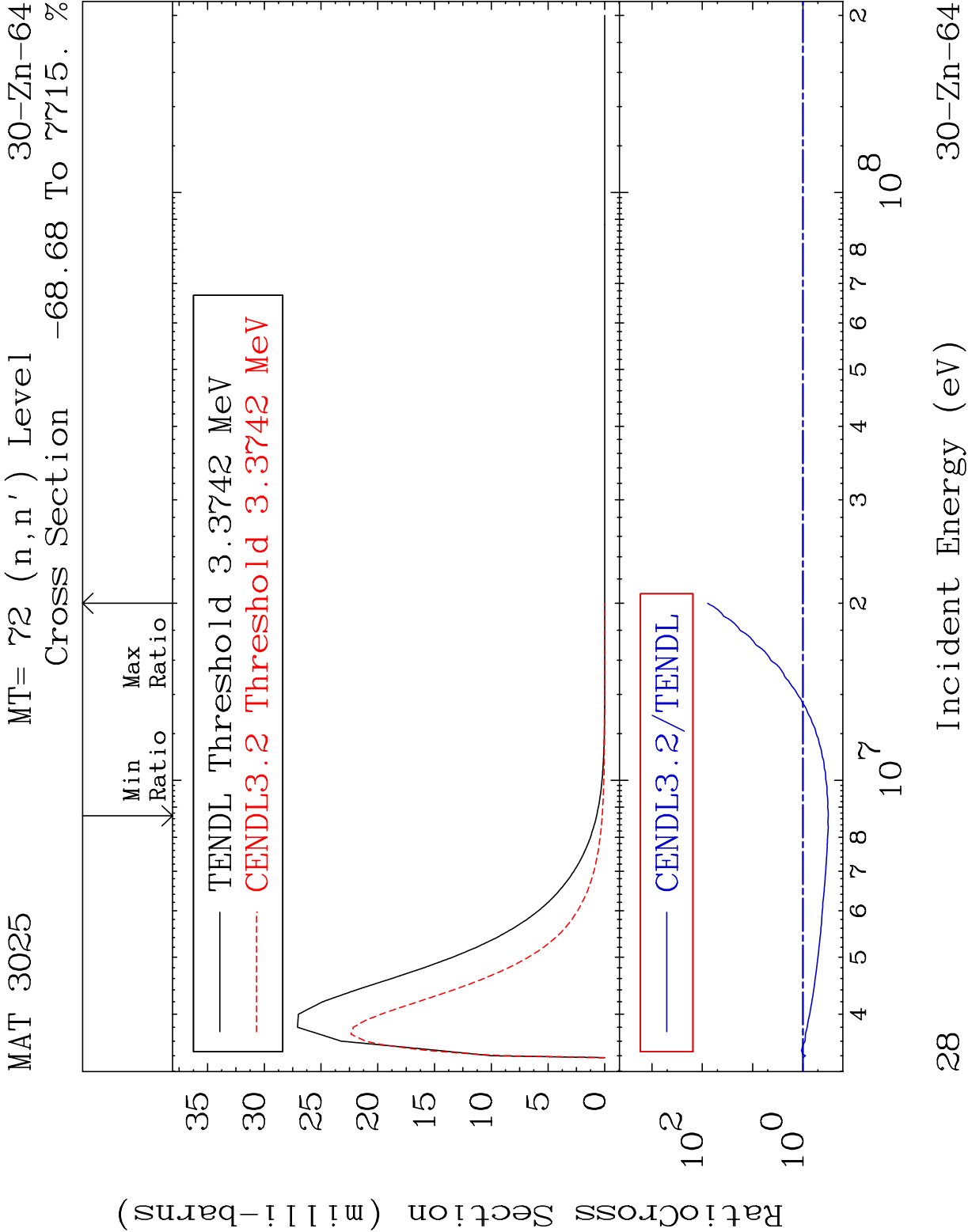


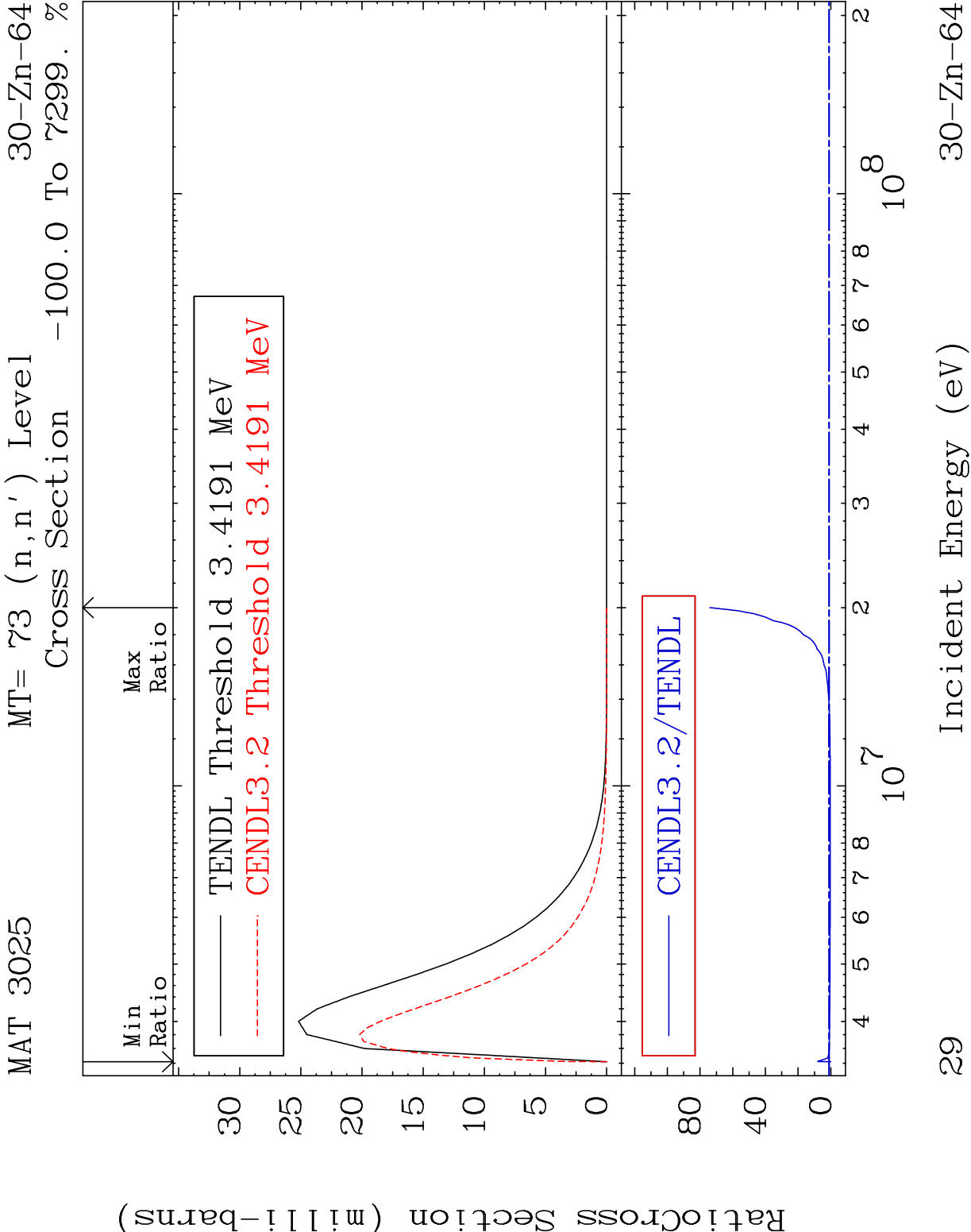
MAT 3025

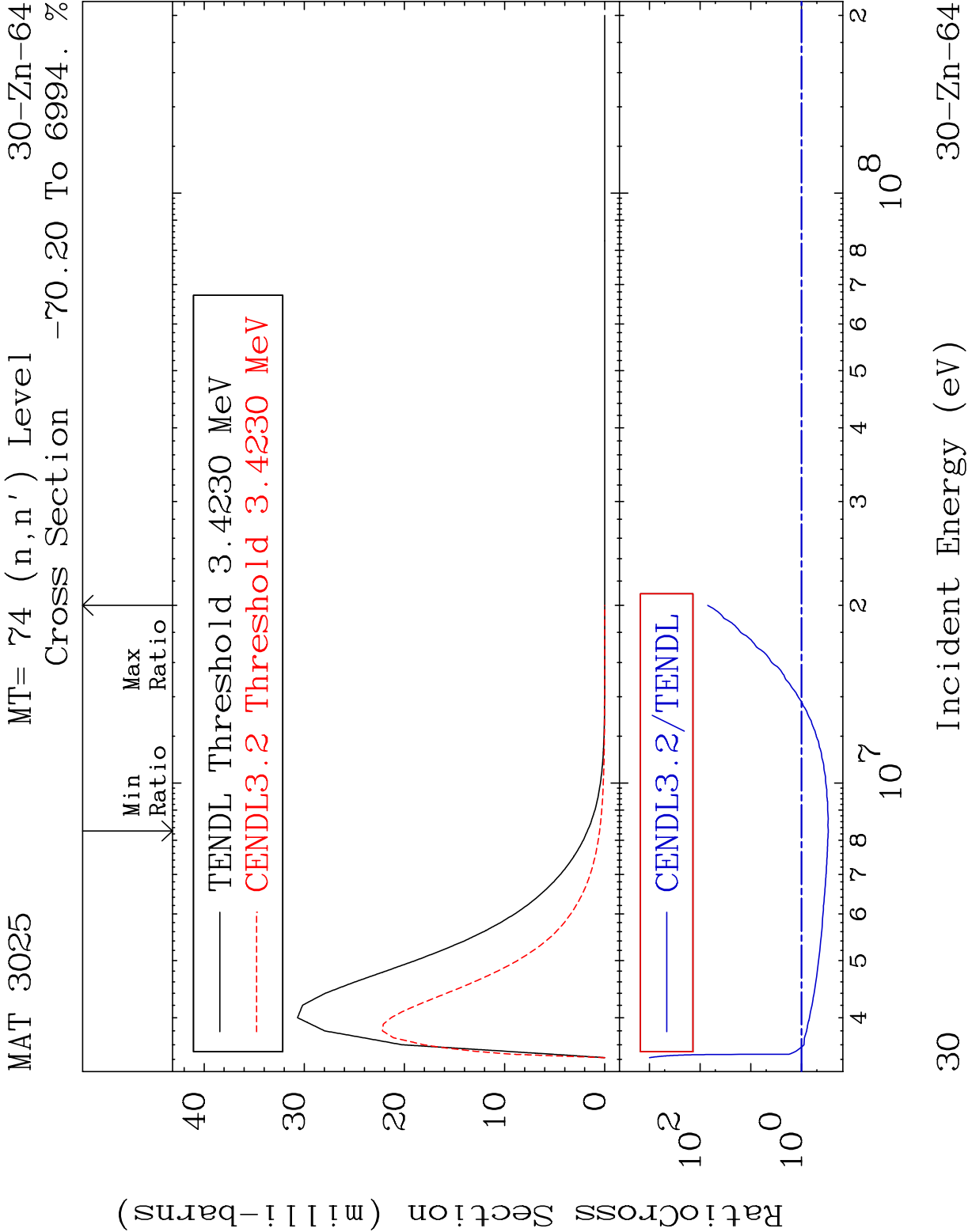
MT=  $\gamma_1(n, n')$  Level $^{30}\text{Zn}-^{64}$ 

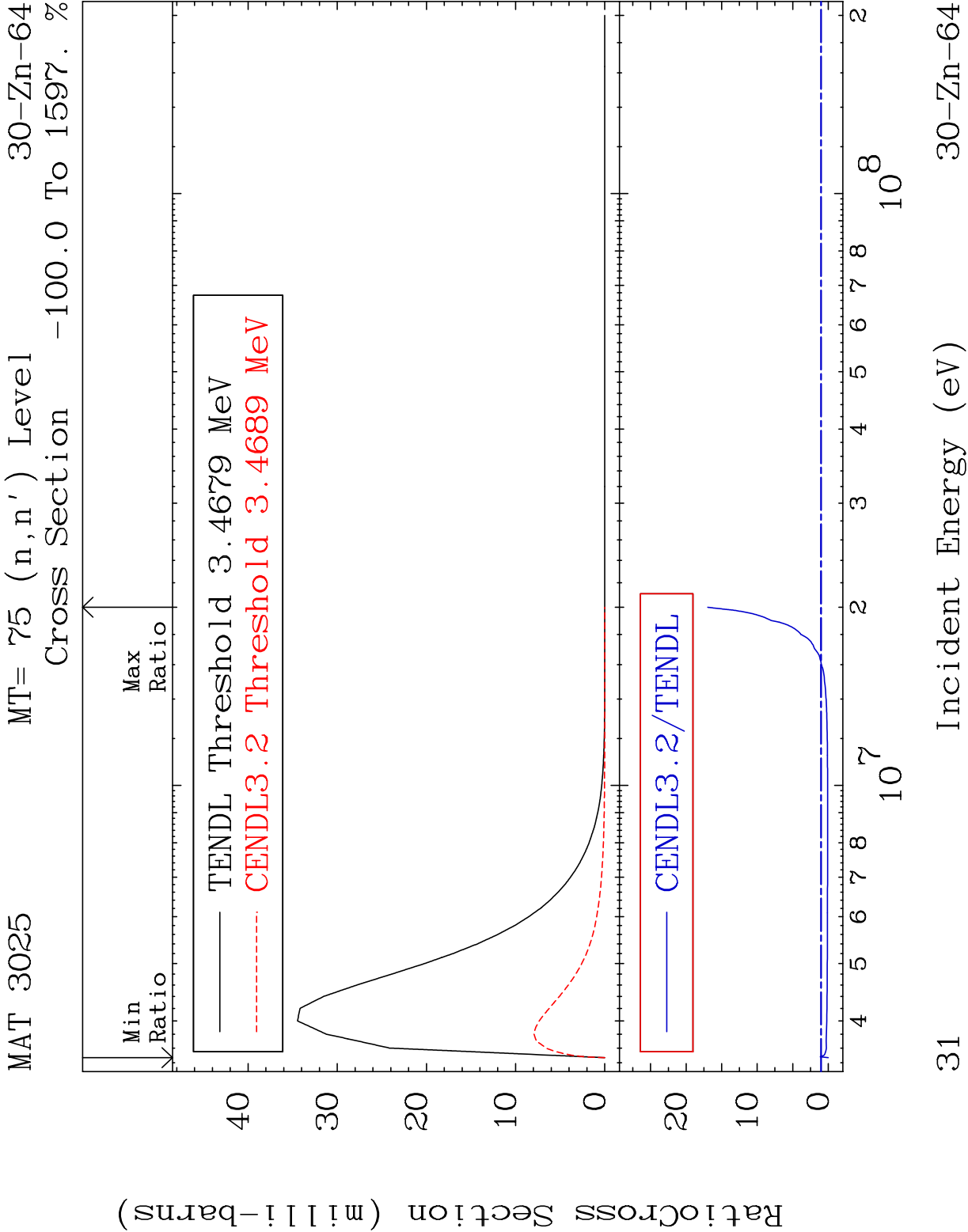
Cross Section -97.95 To 62.87 %



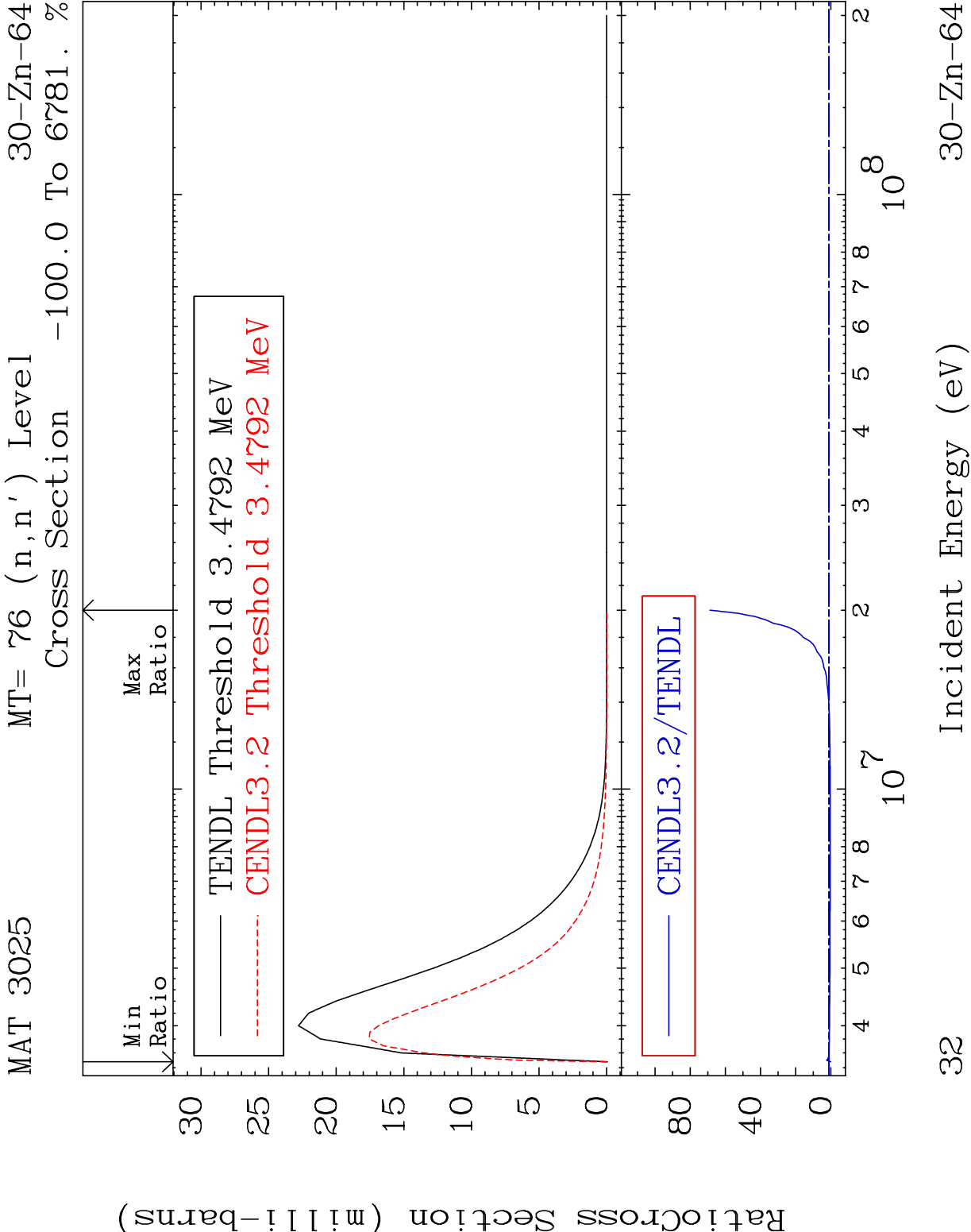


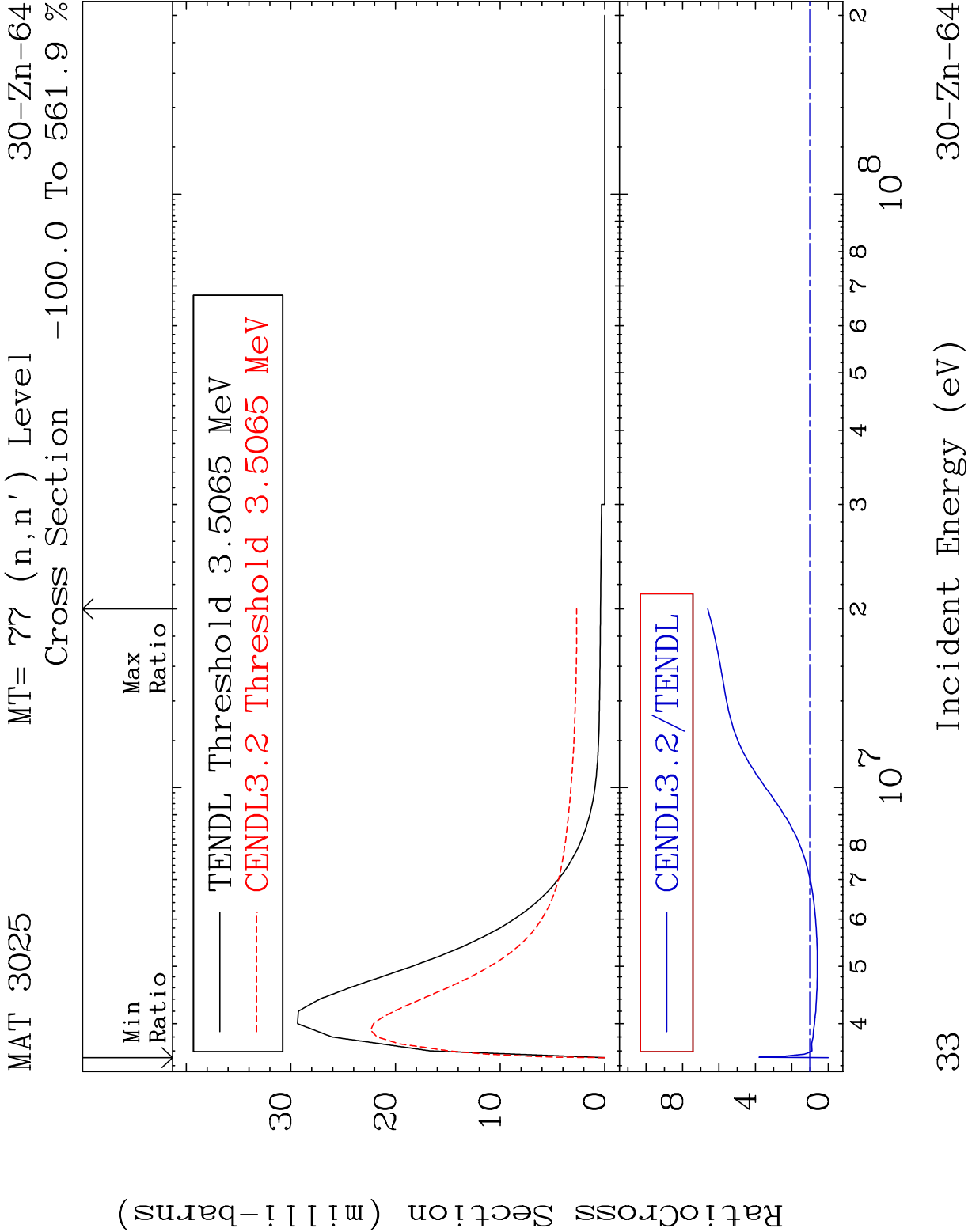










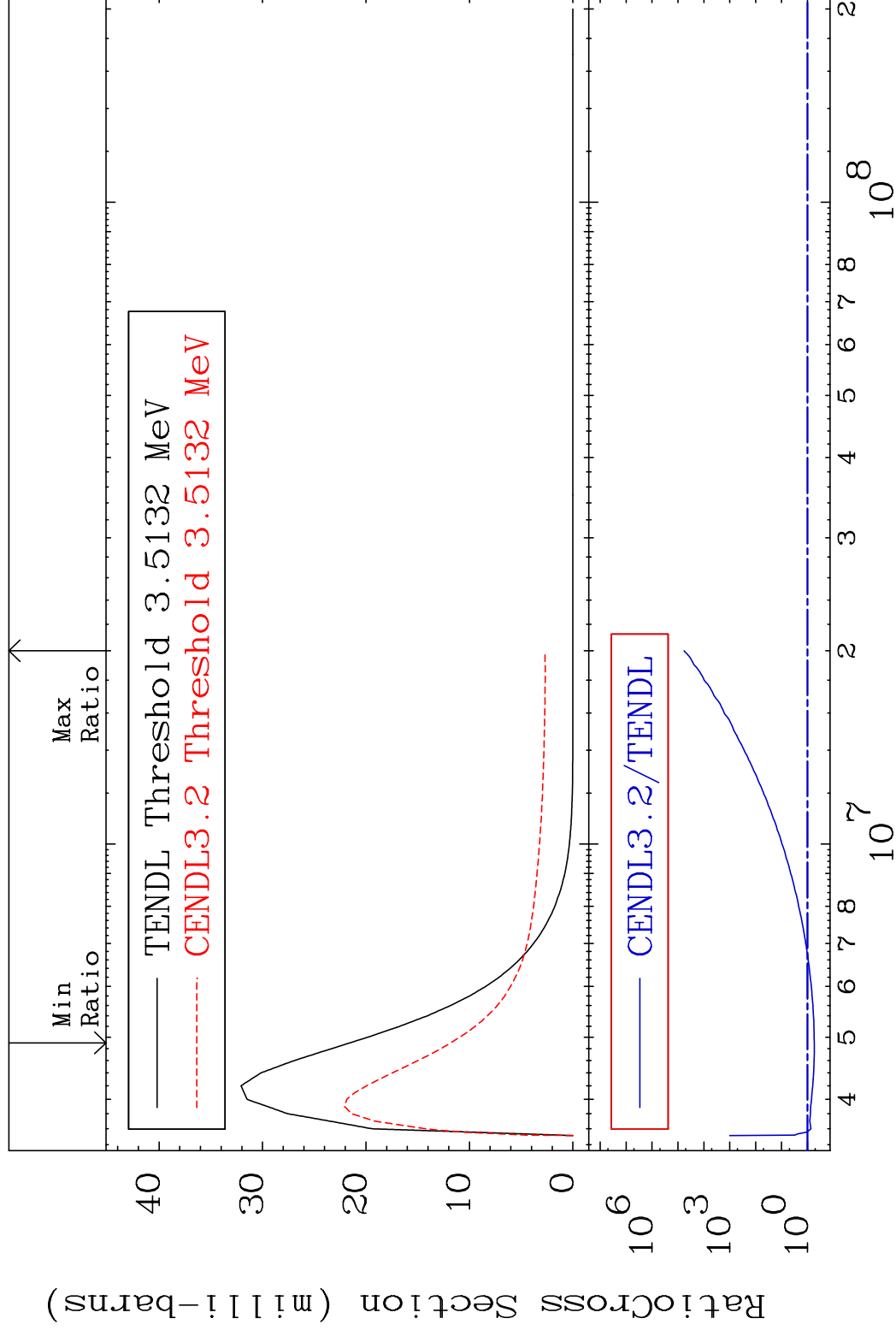


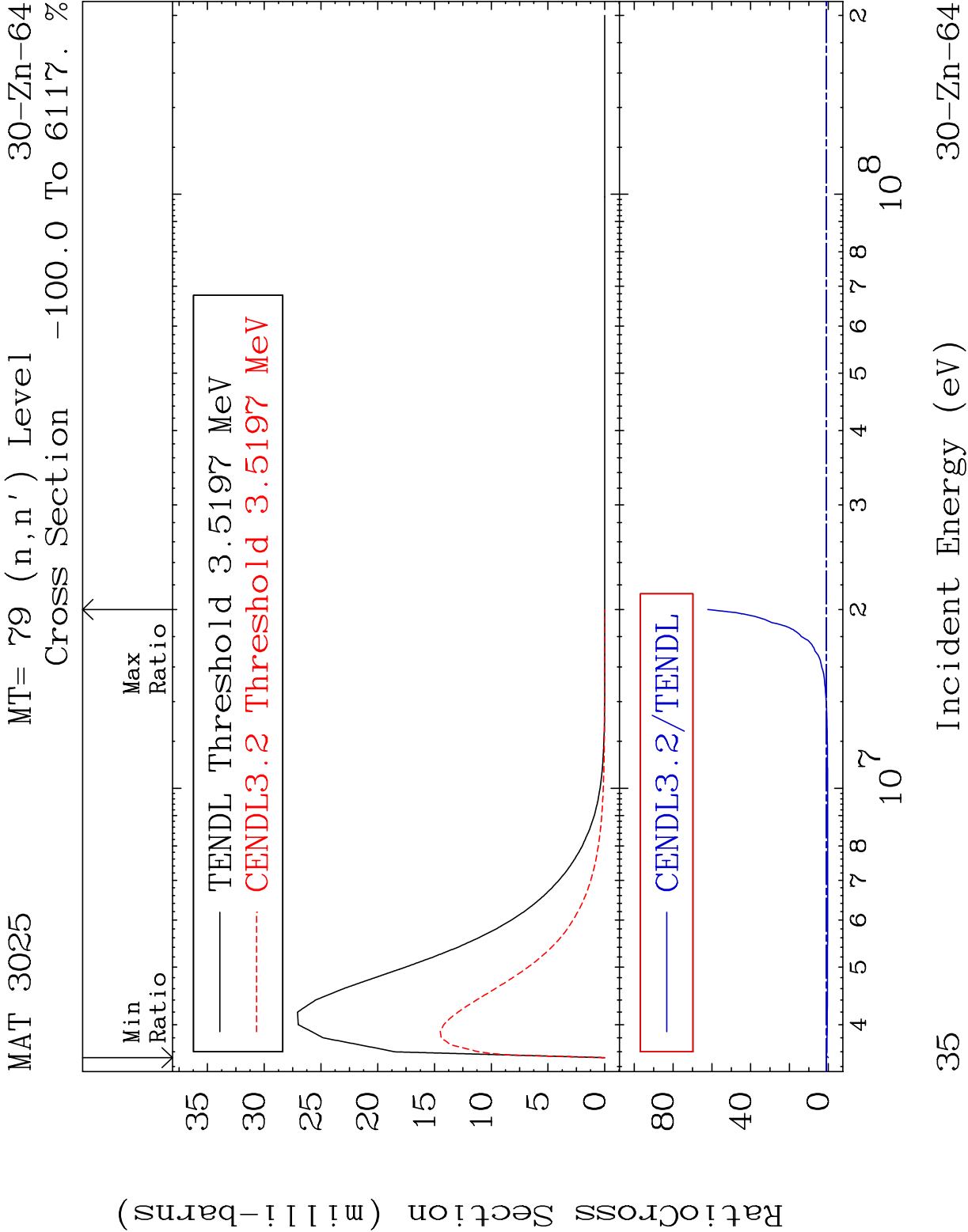
MAT 3025

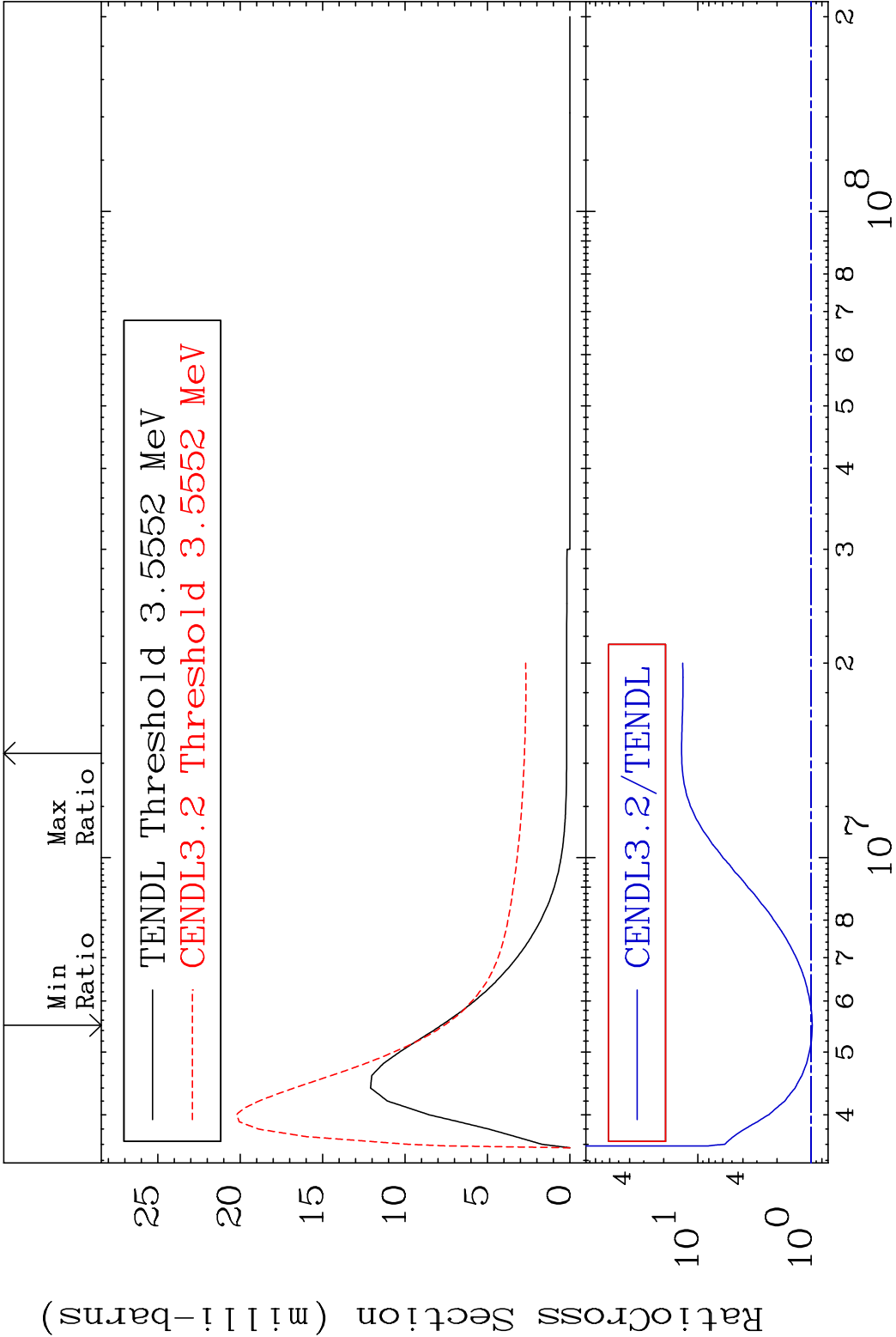
MT= 78 (n, n') Level

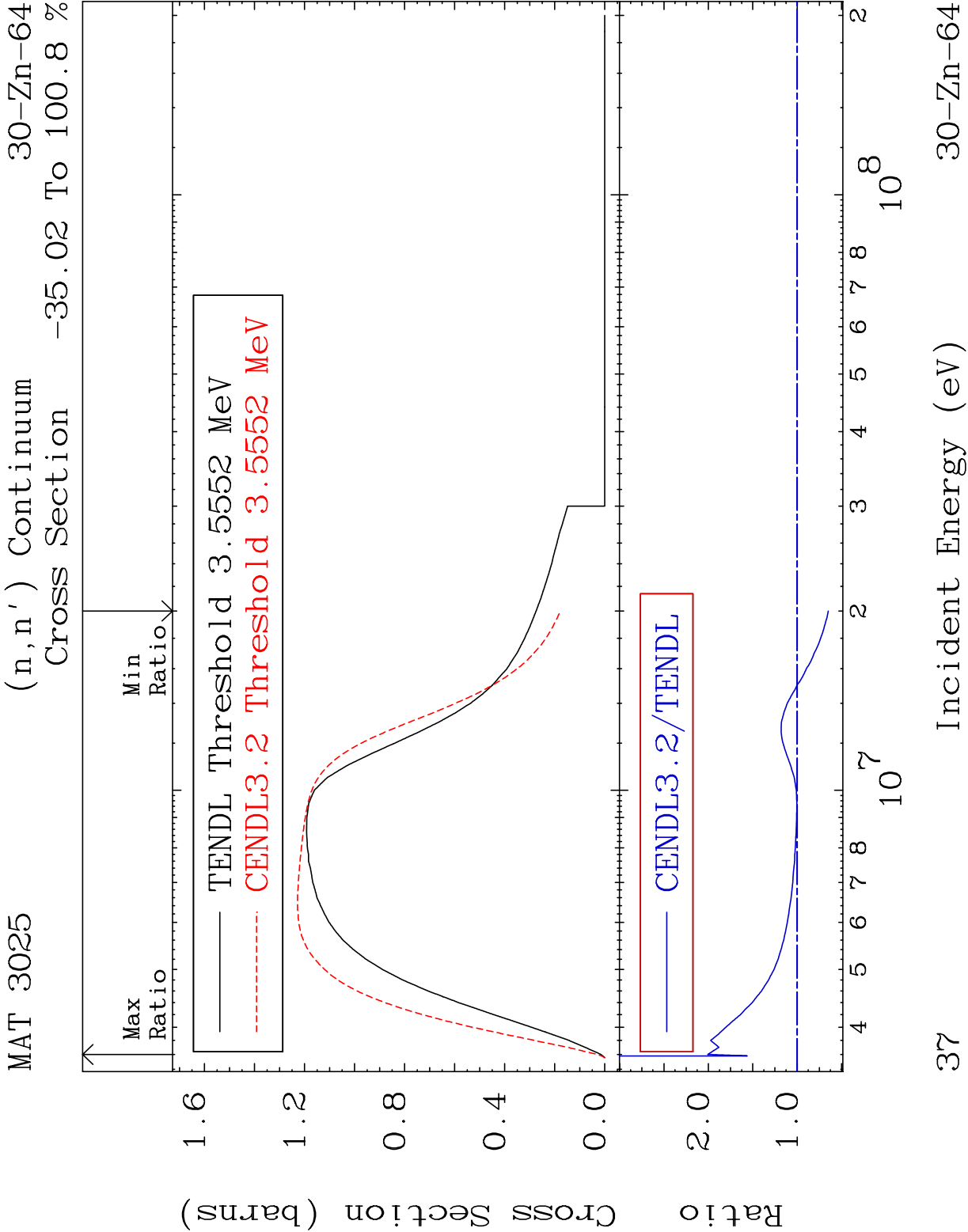
30-Zn-64

Cross Section -45.27 To 9999. %

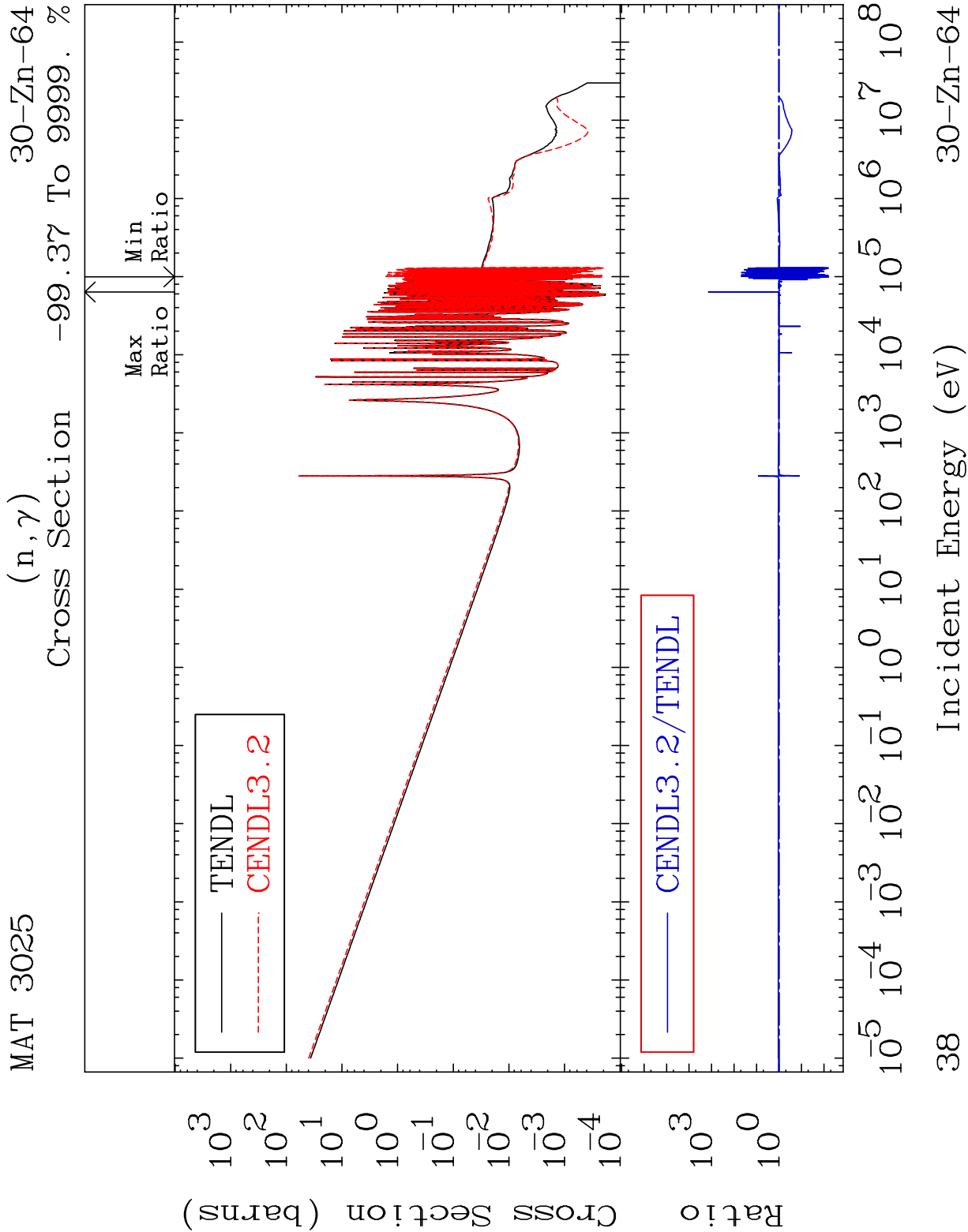


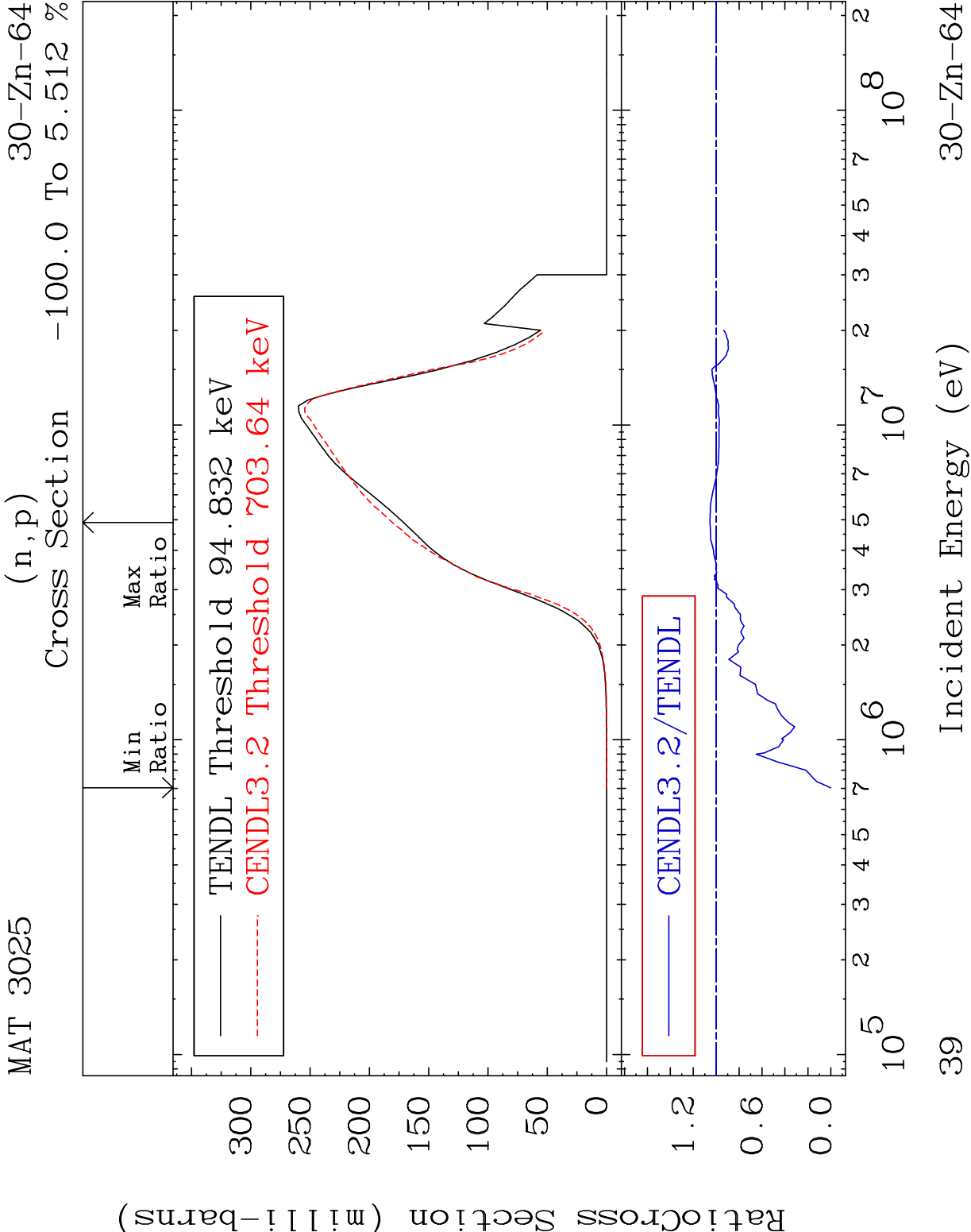




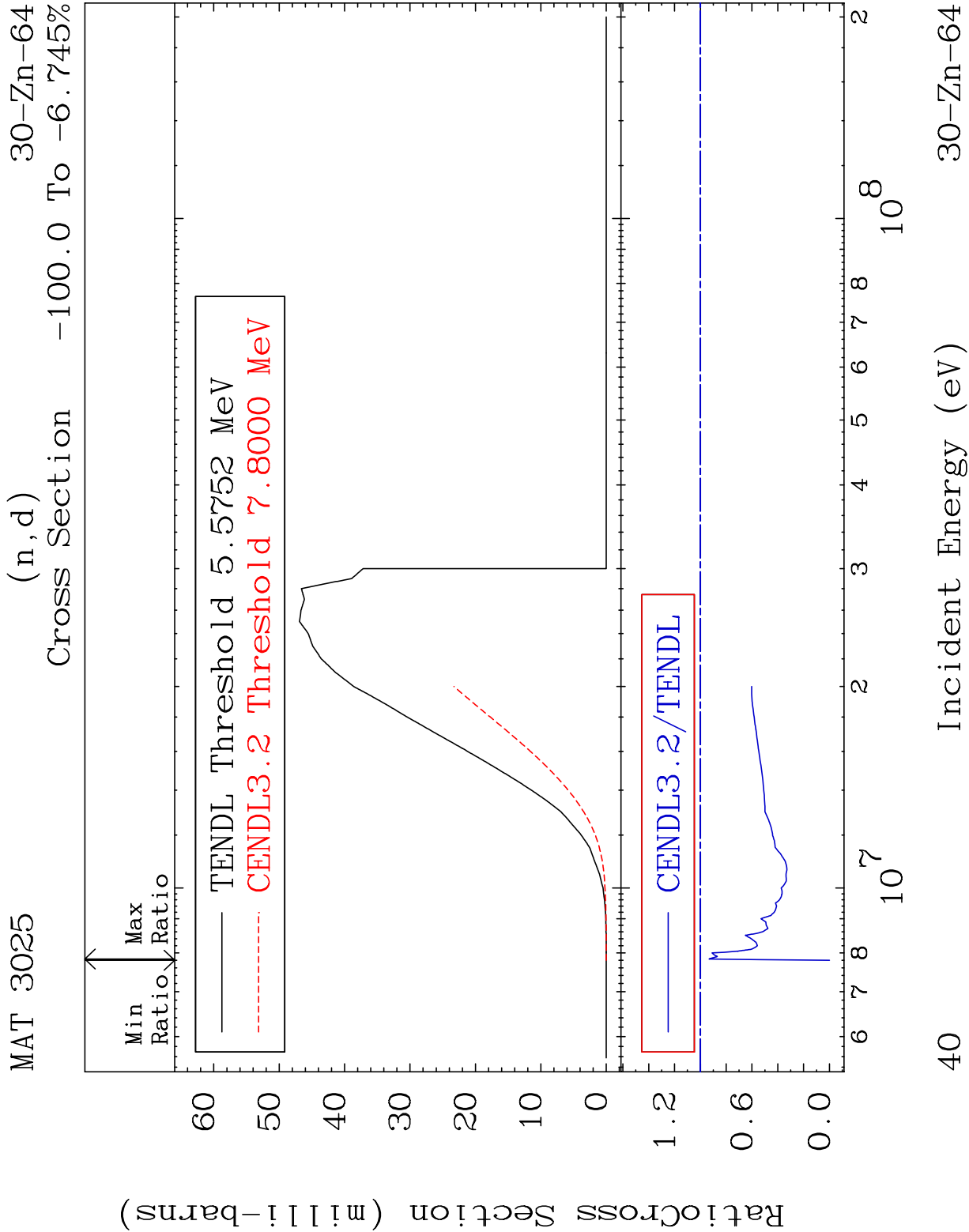


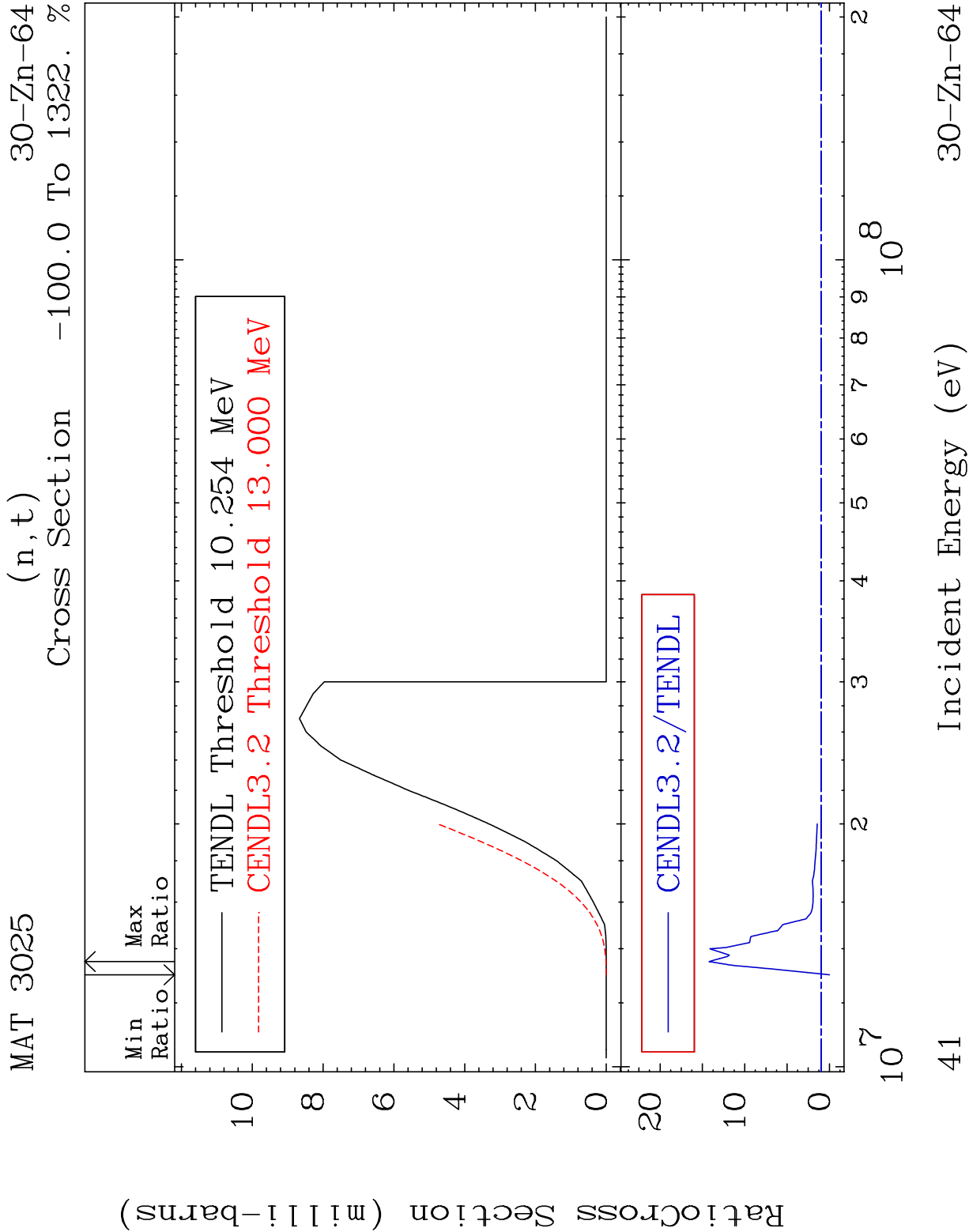
37

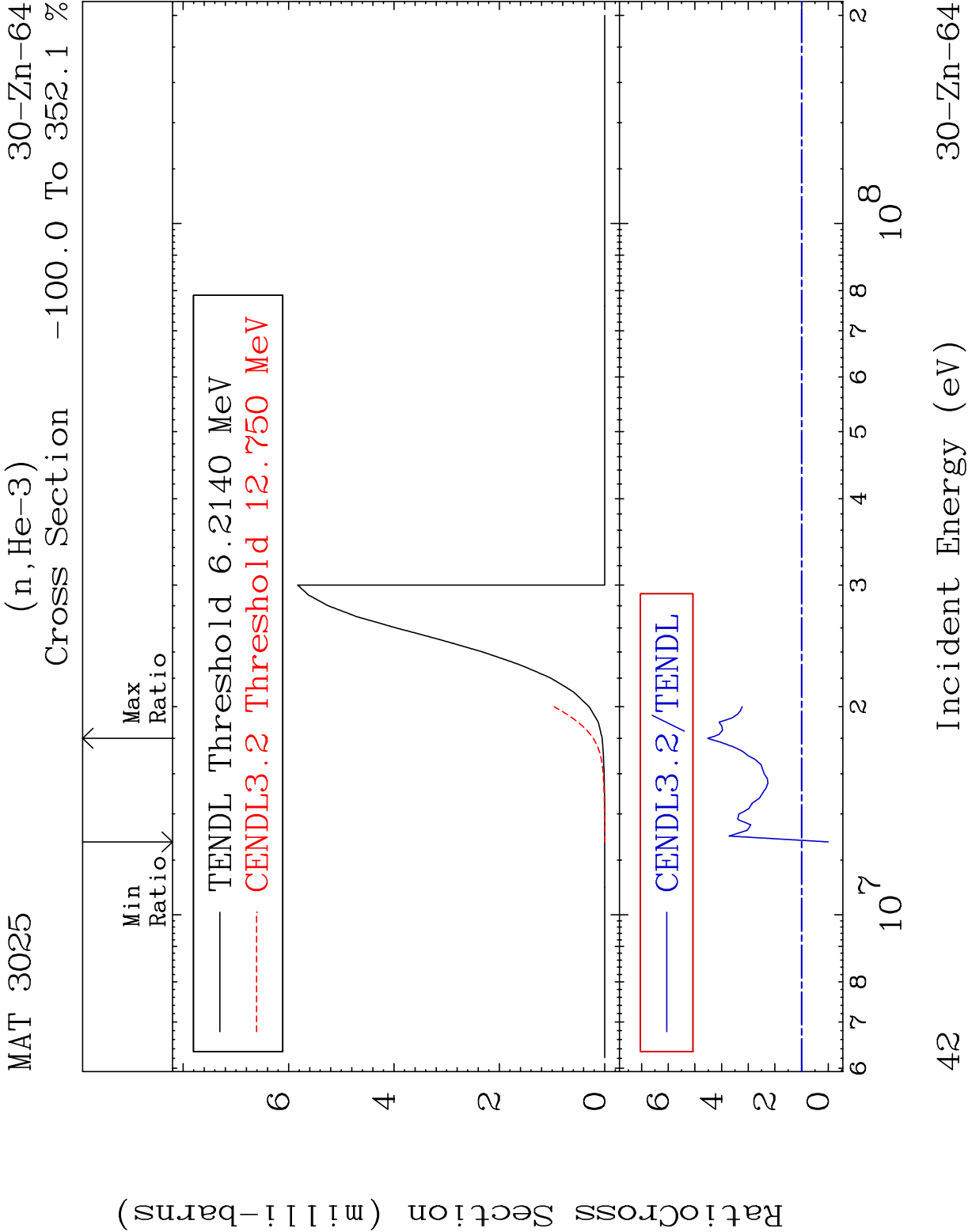


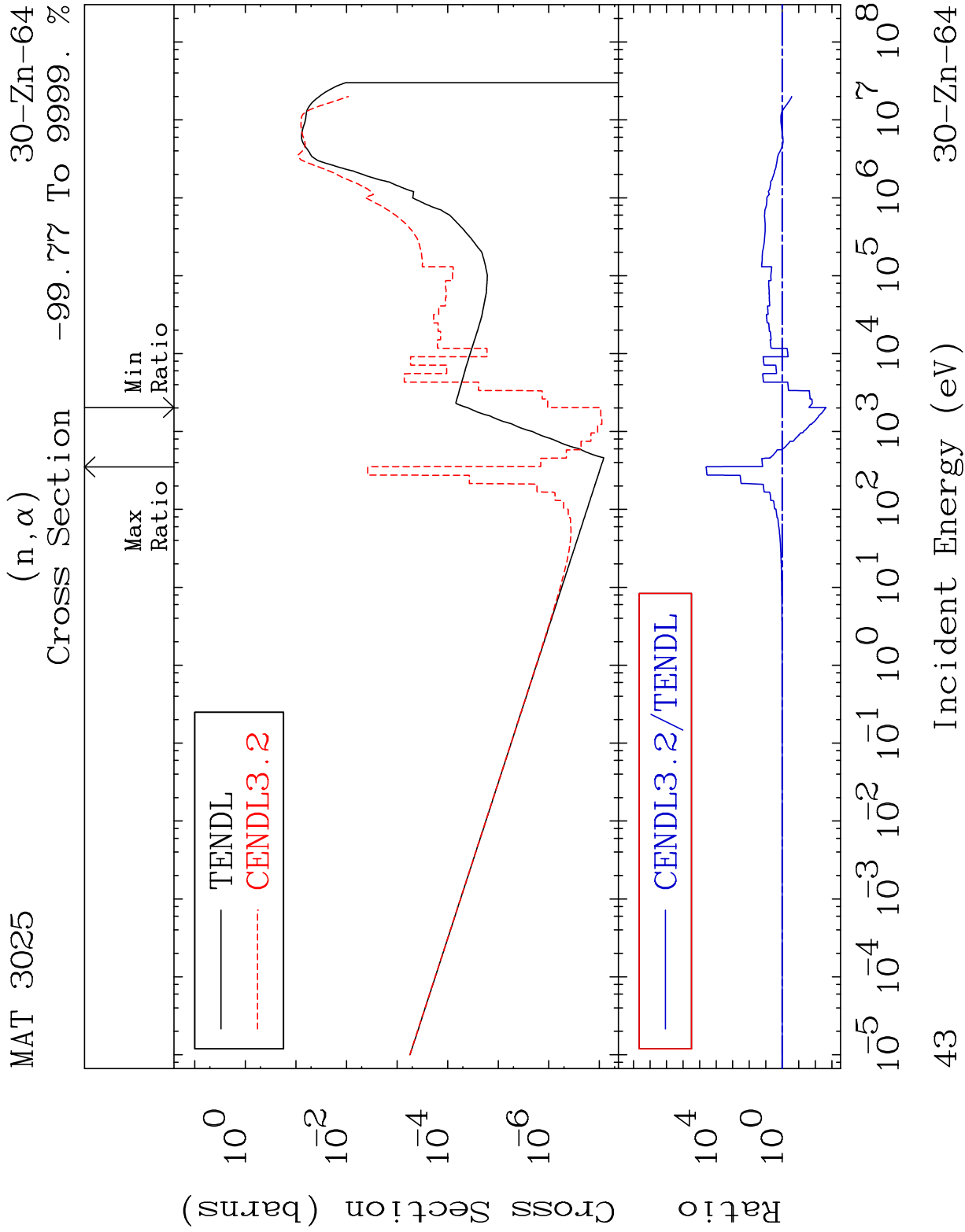


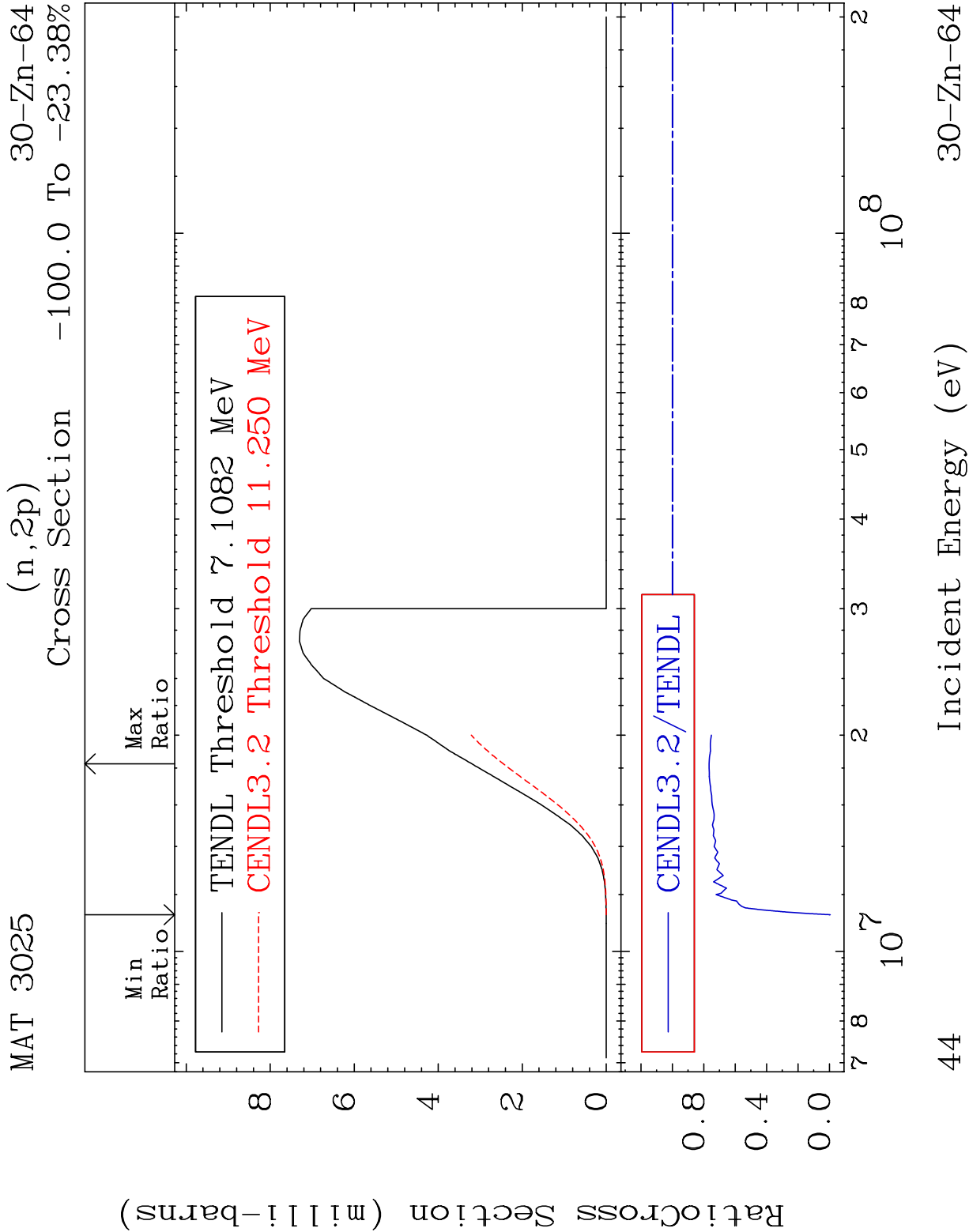


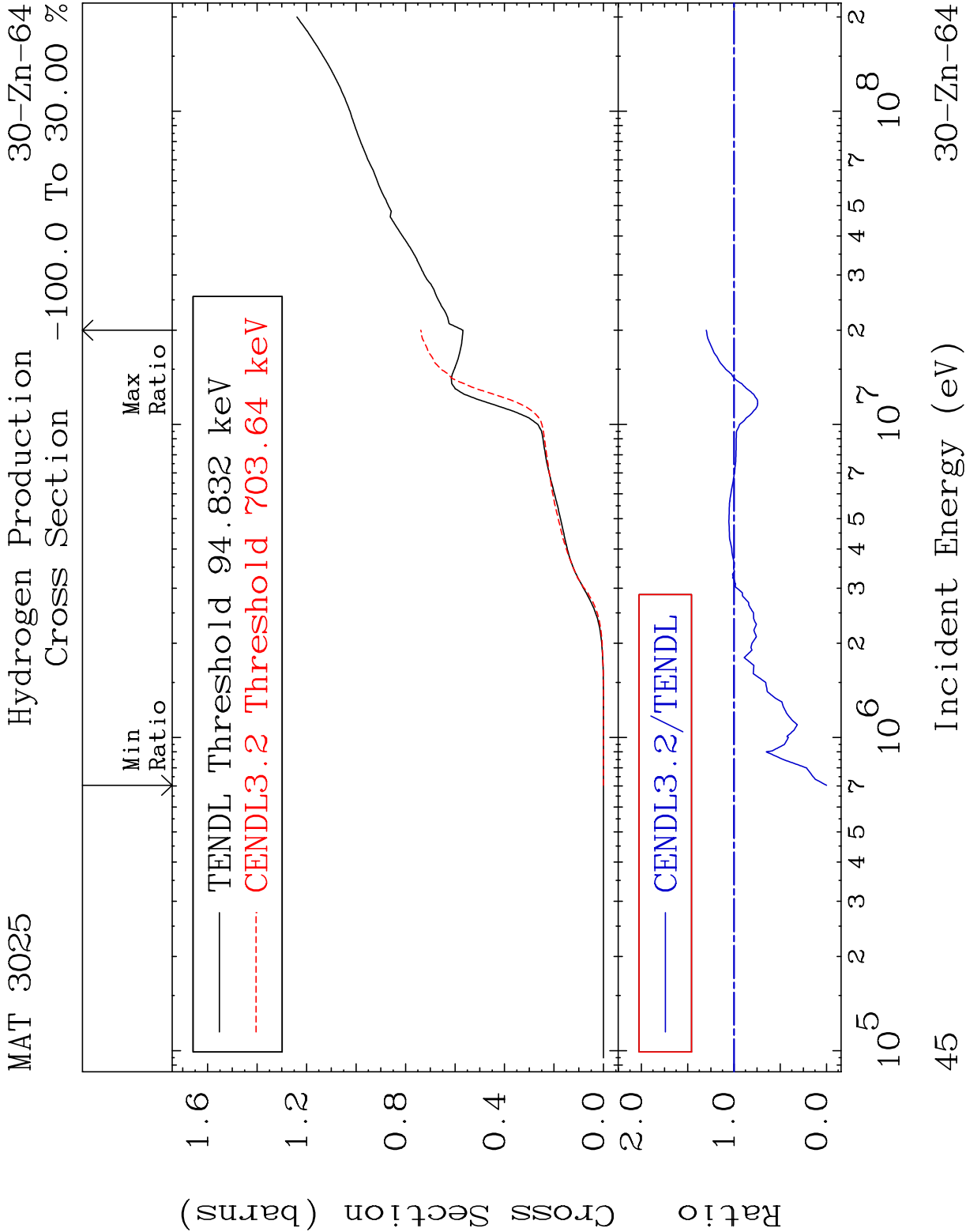


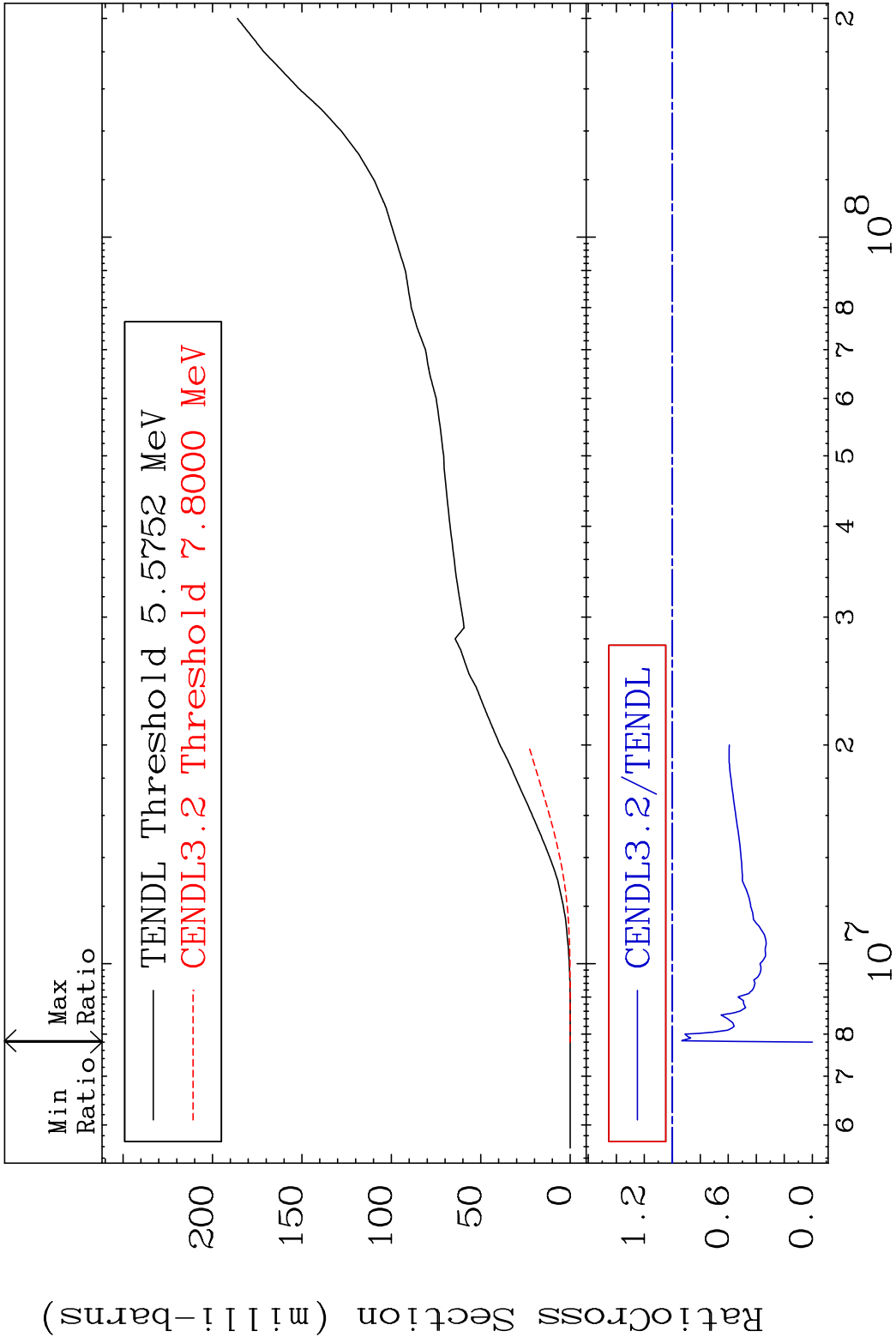


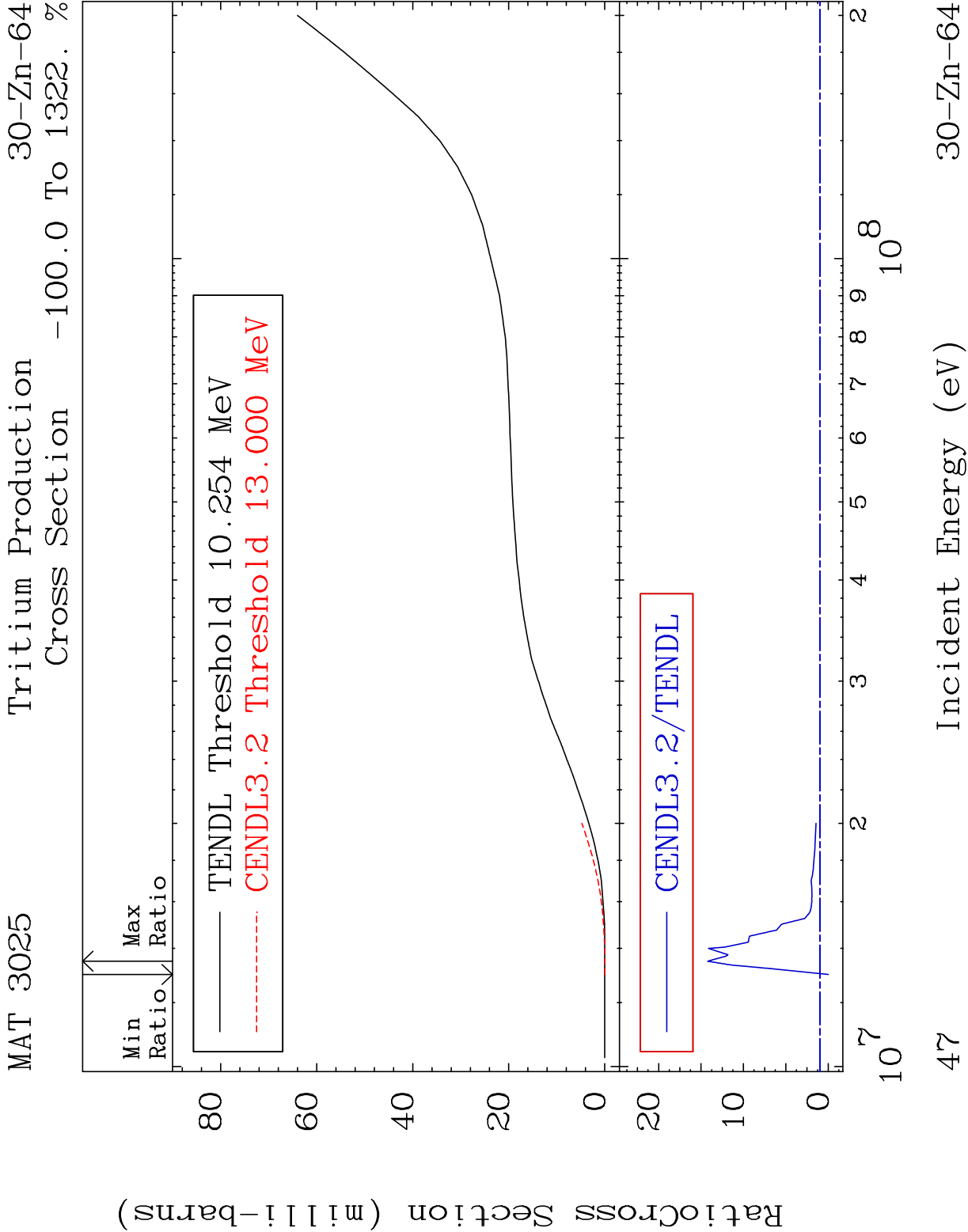




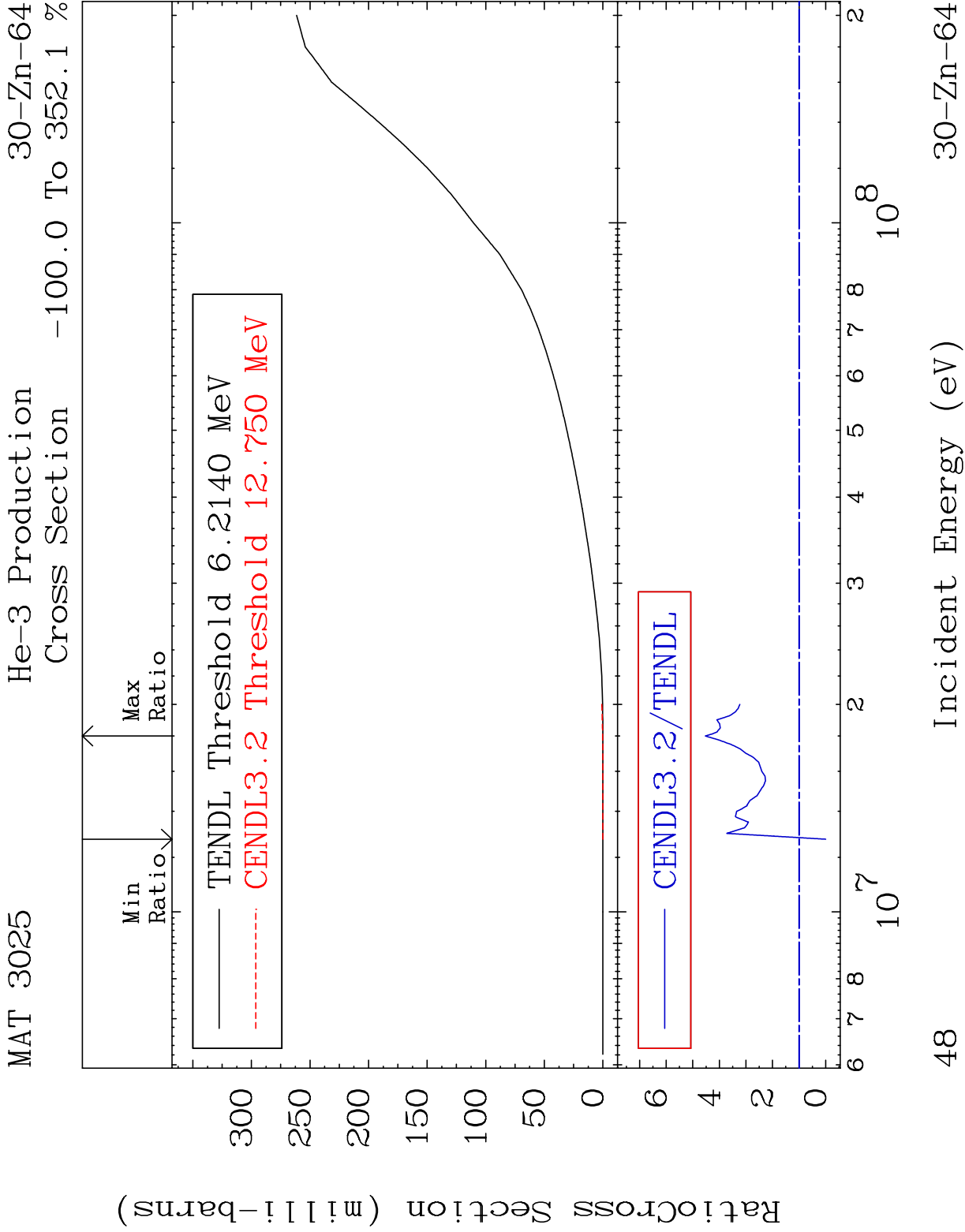


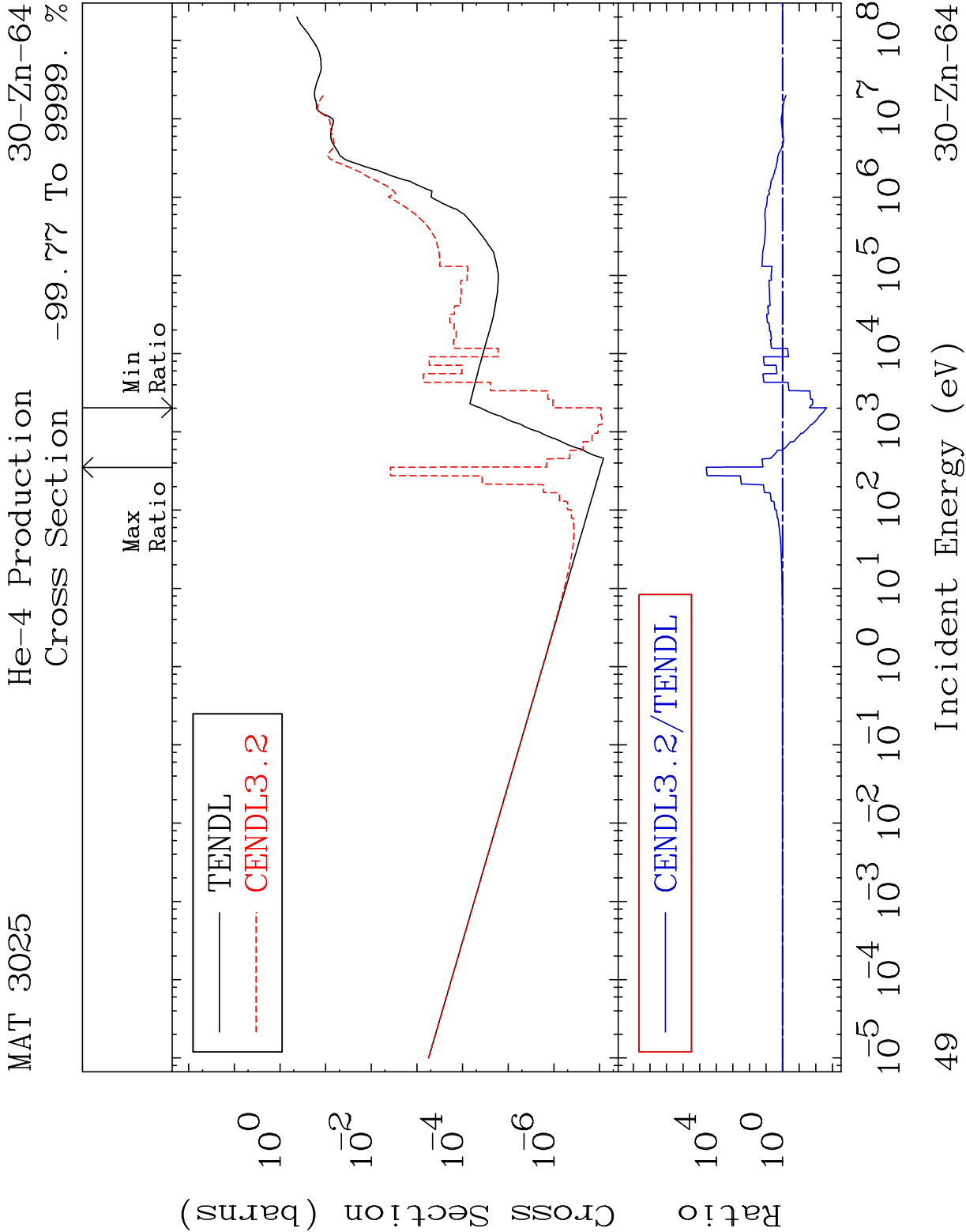


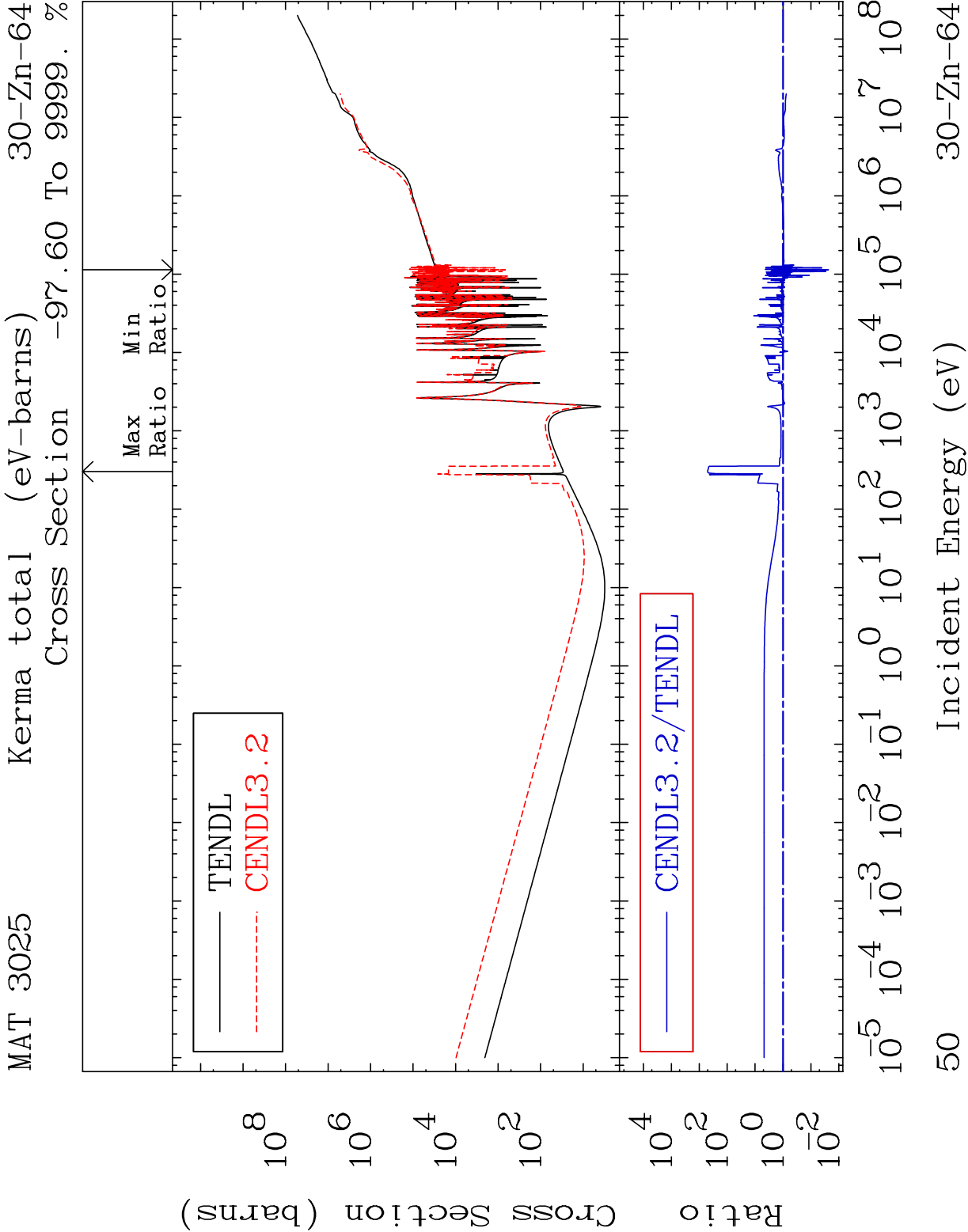


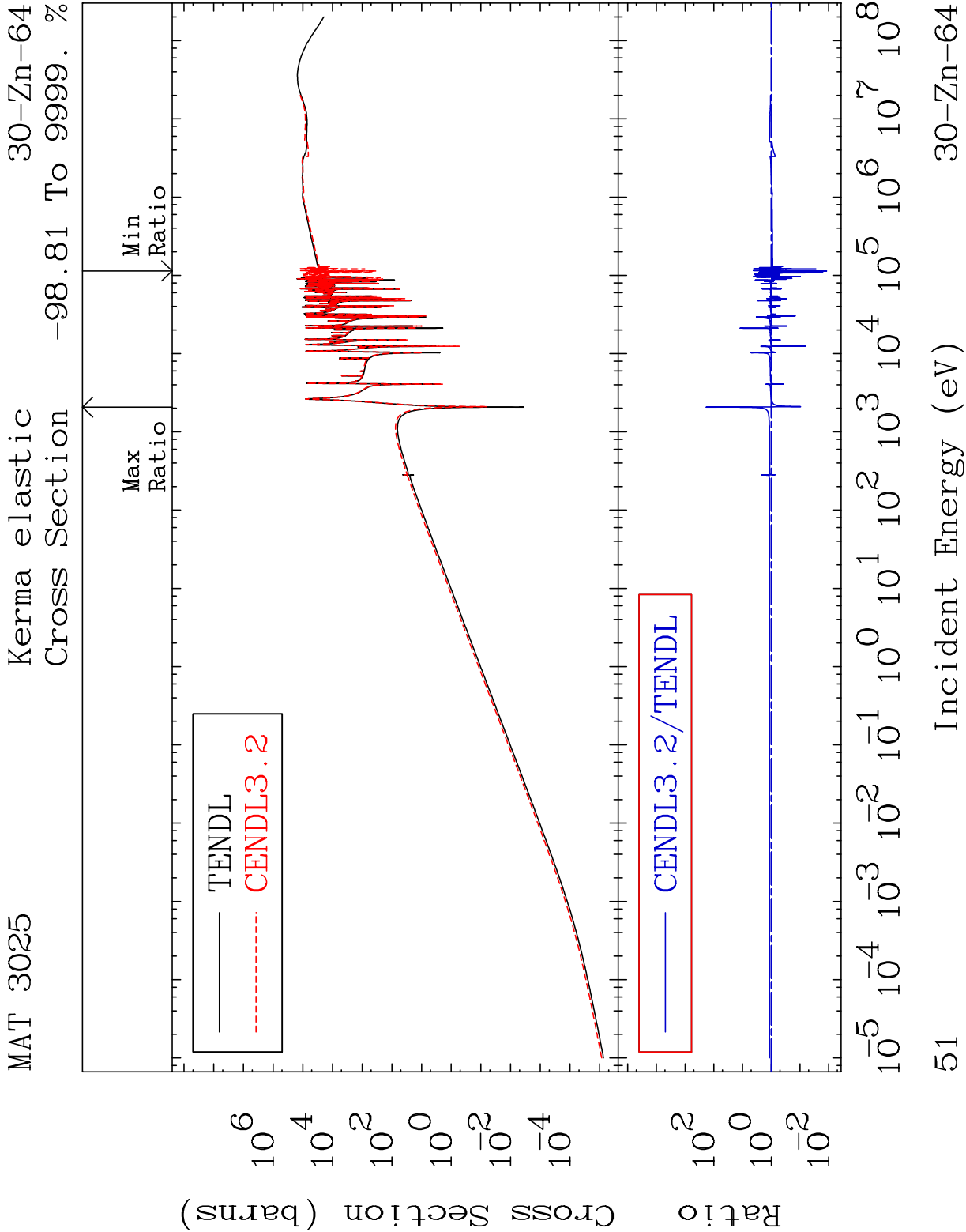


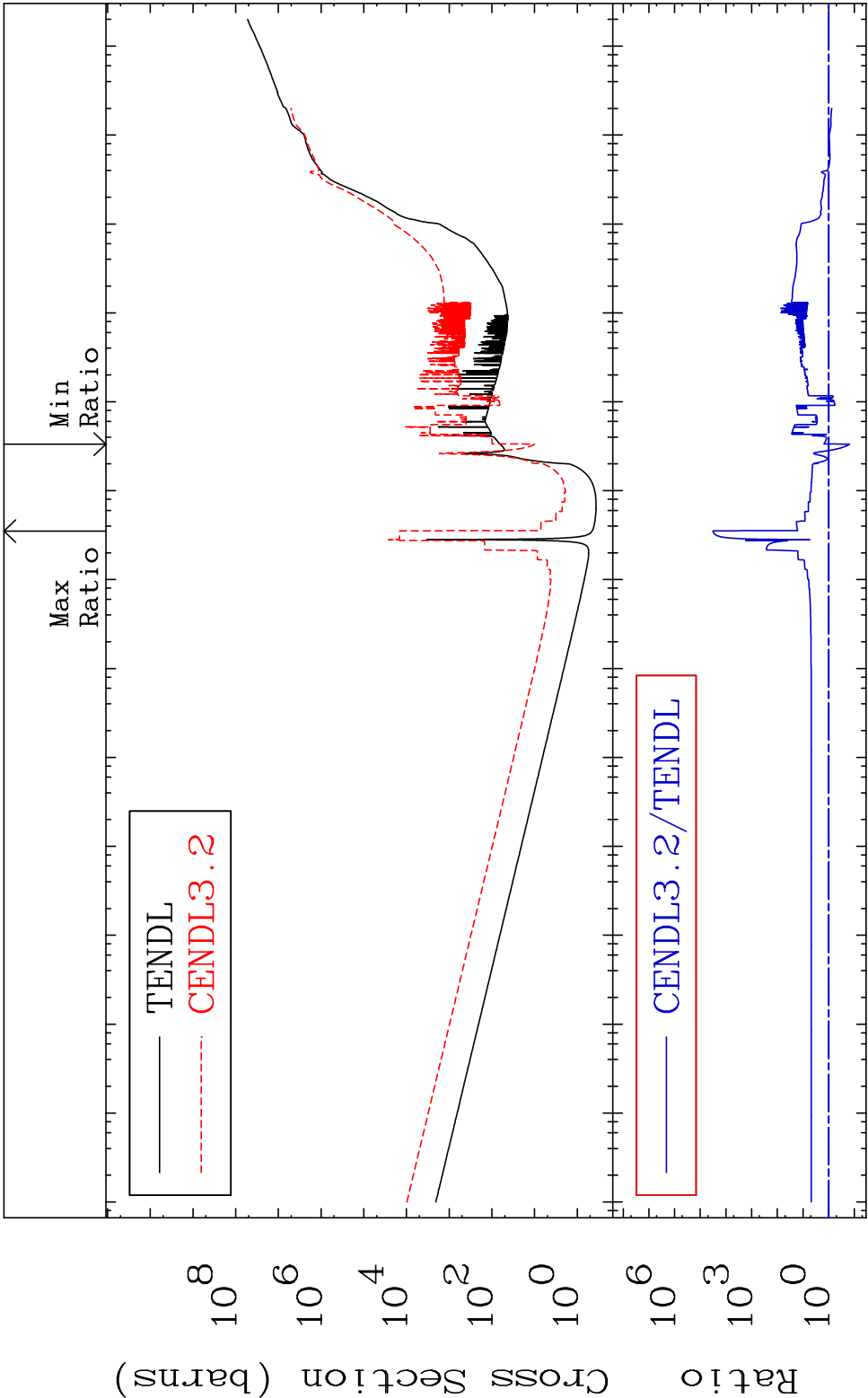


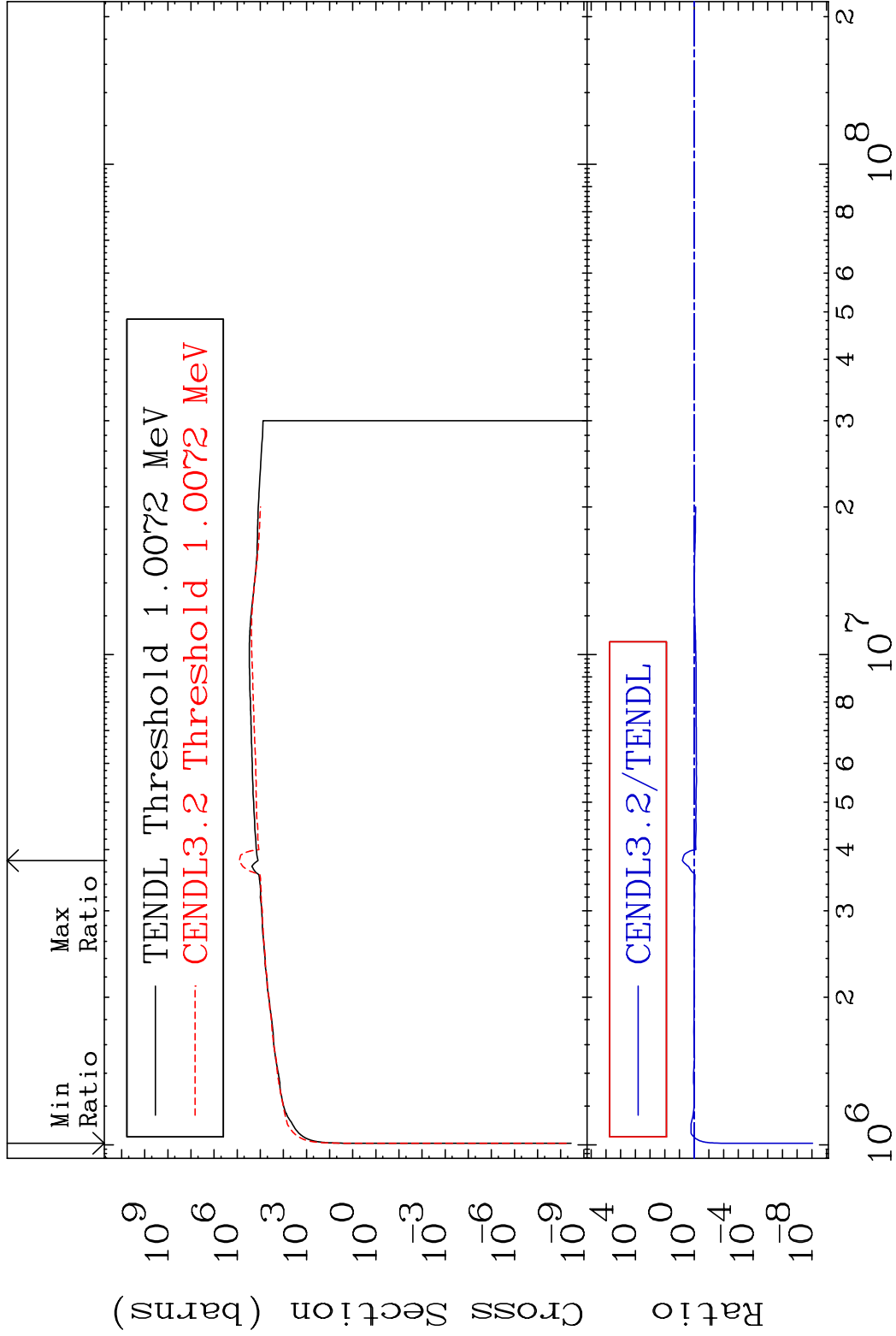




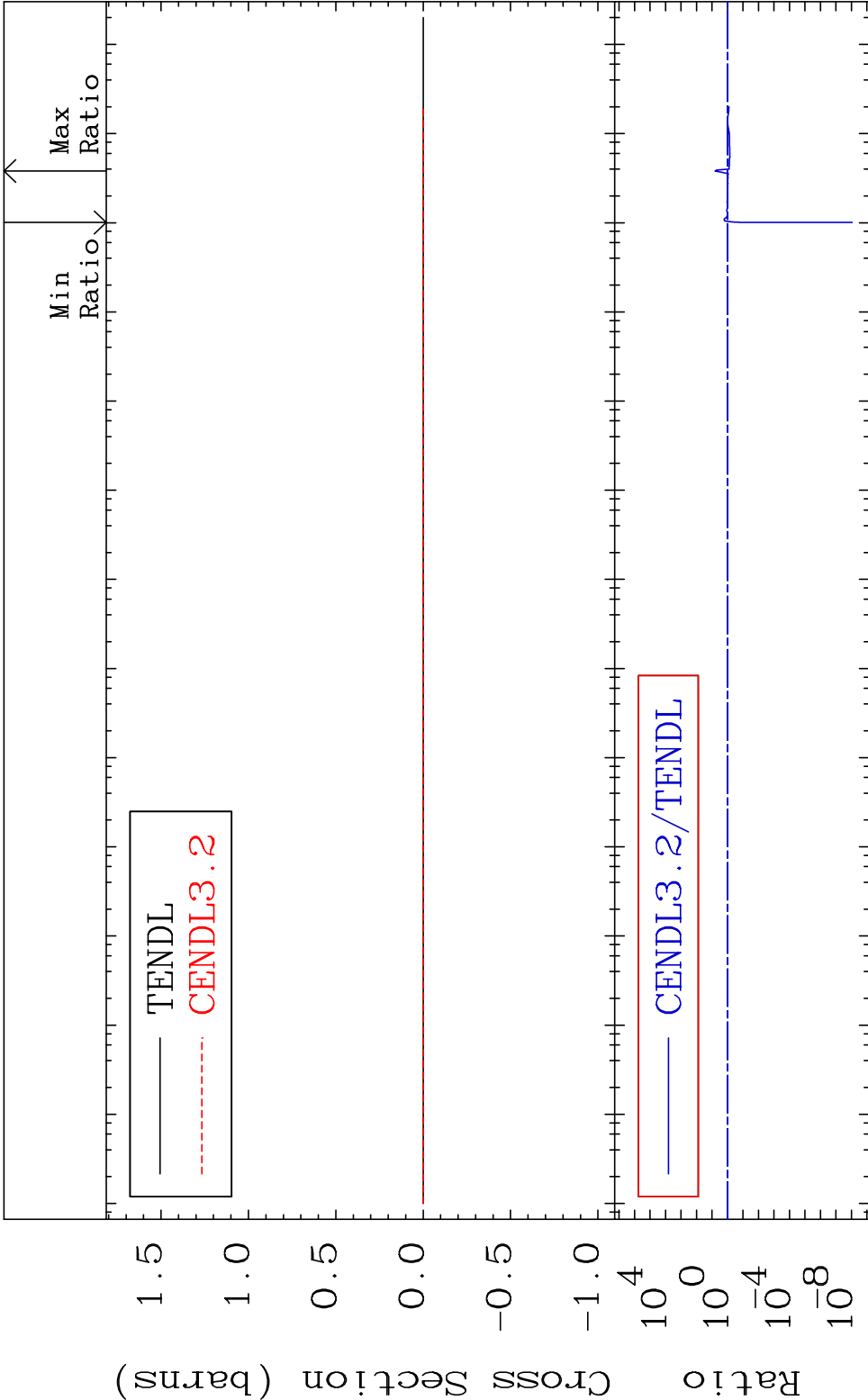


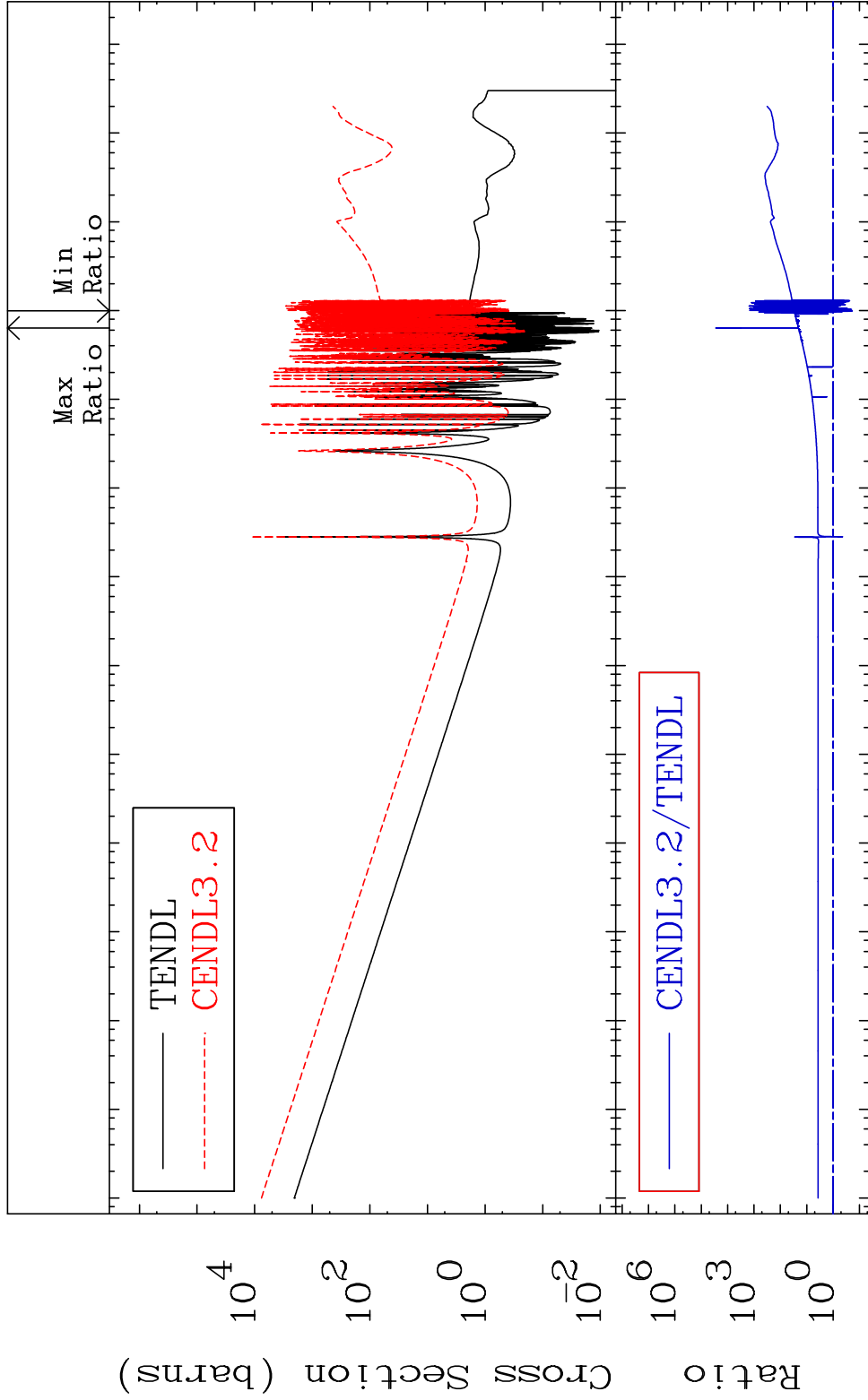




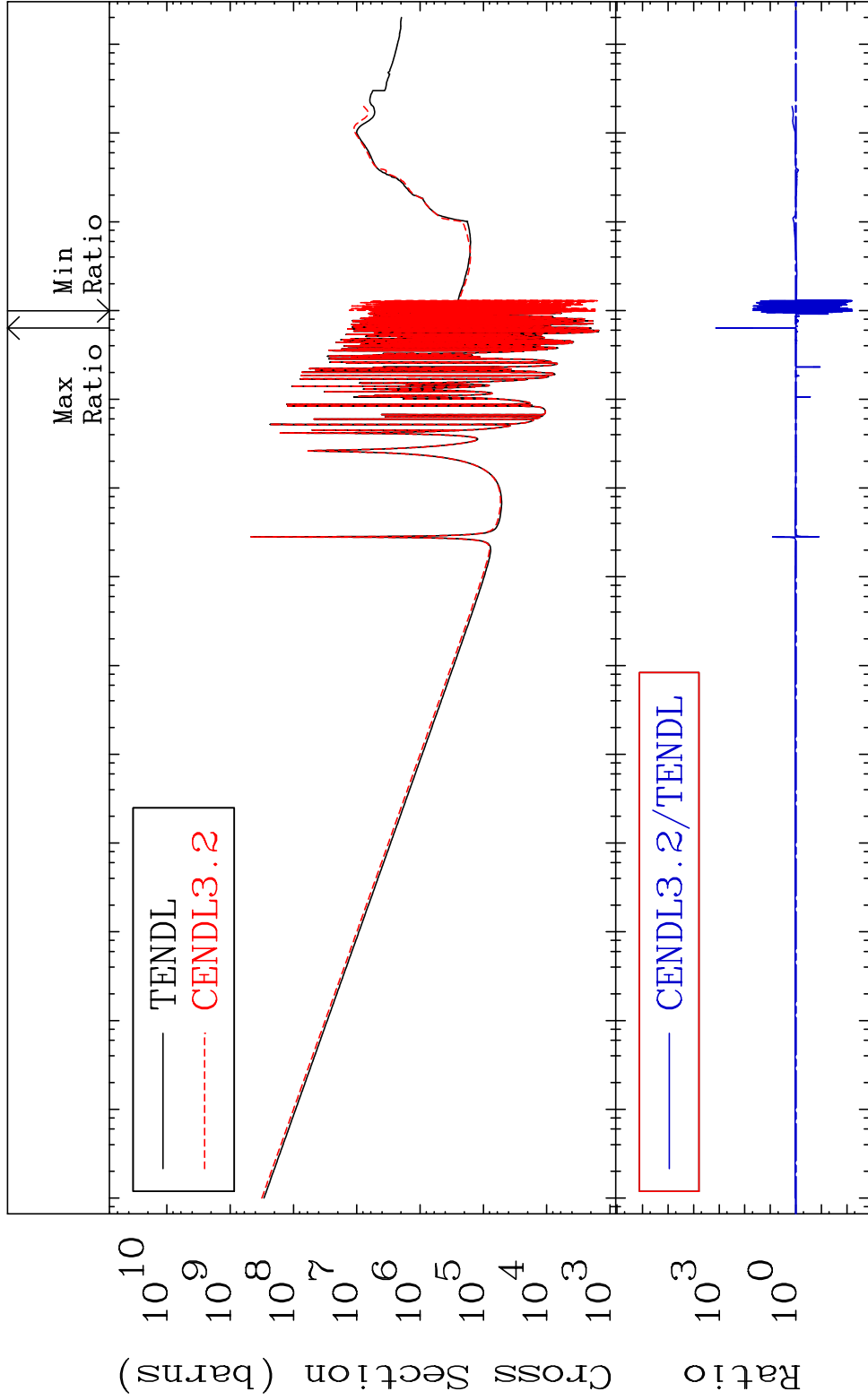


MAT 3025Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64  
Cross Section -100.0 To 541.3 %

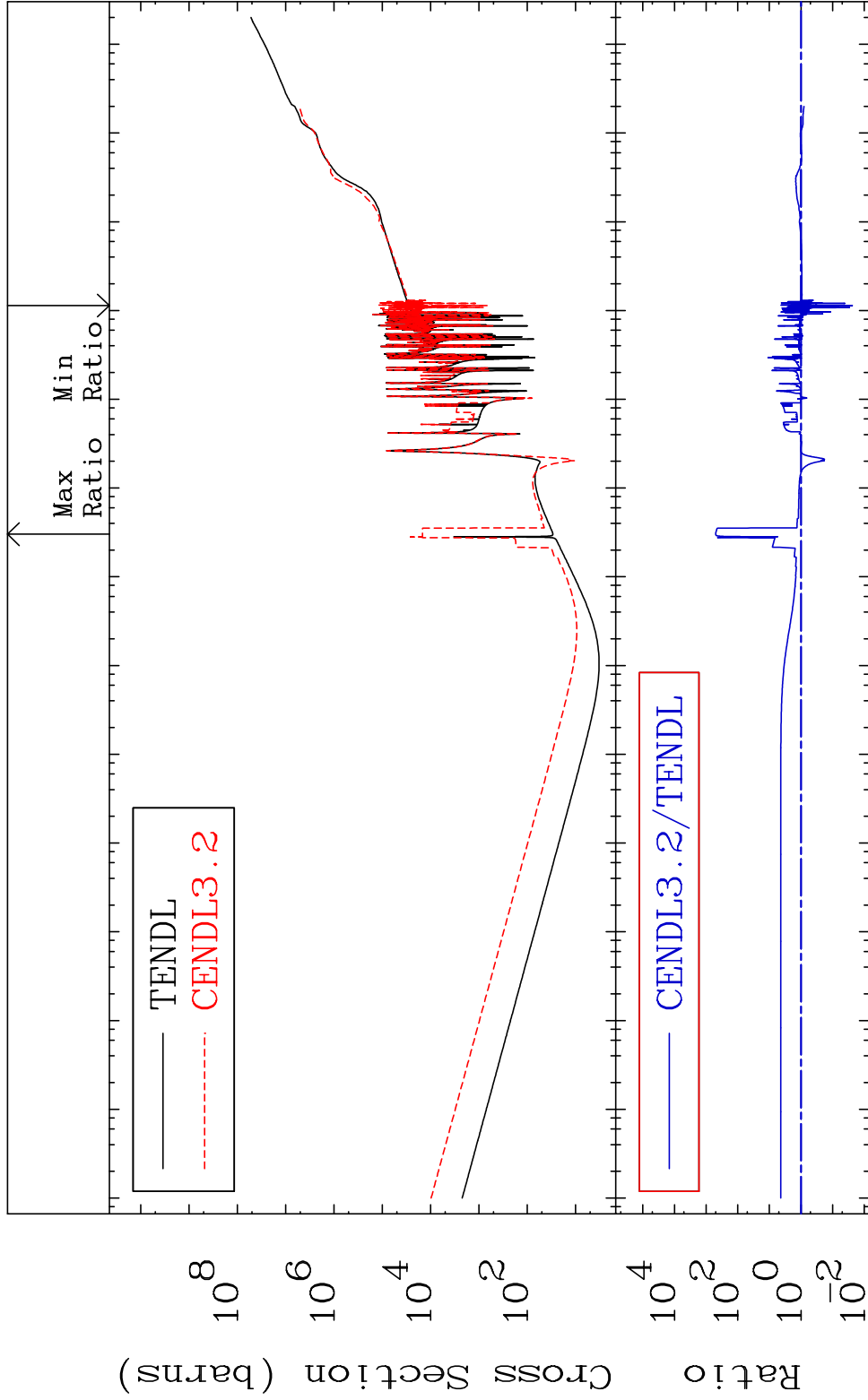






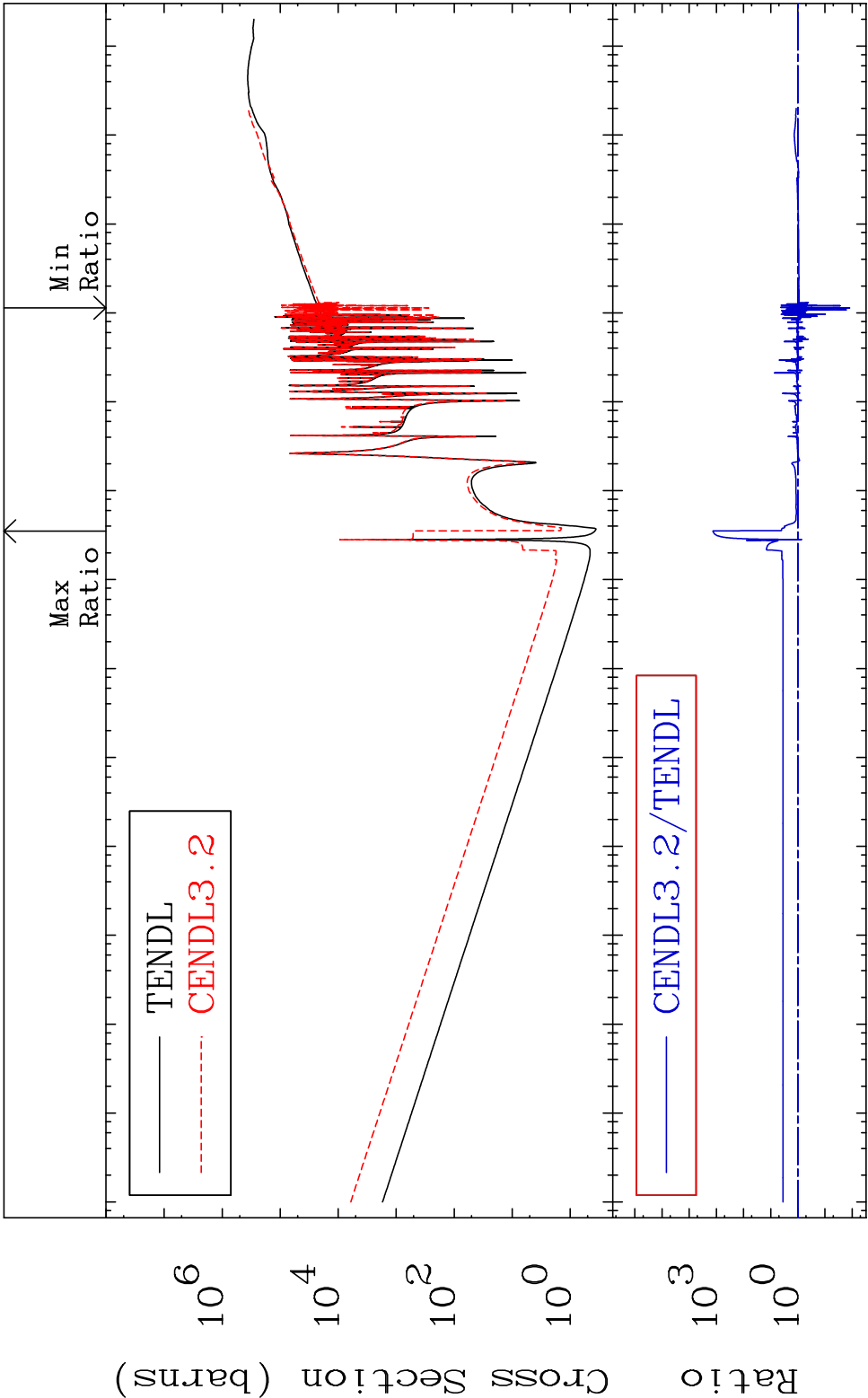


MAT 3025 Total kinematic kerma (high limit) 30-Zn-64  
Cross Section -97.60 To 9999. %



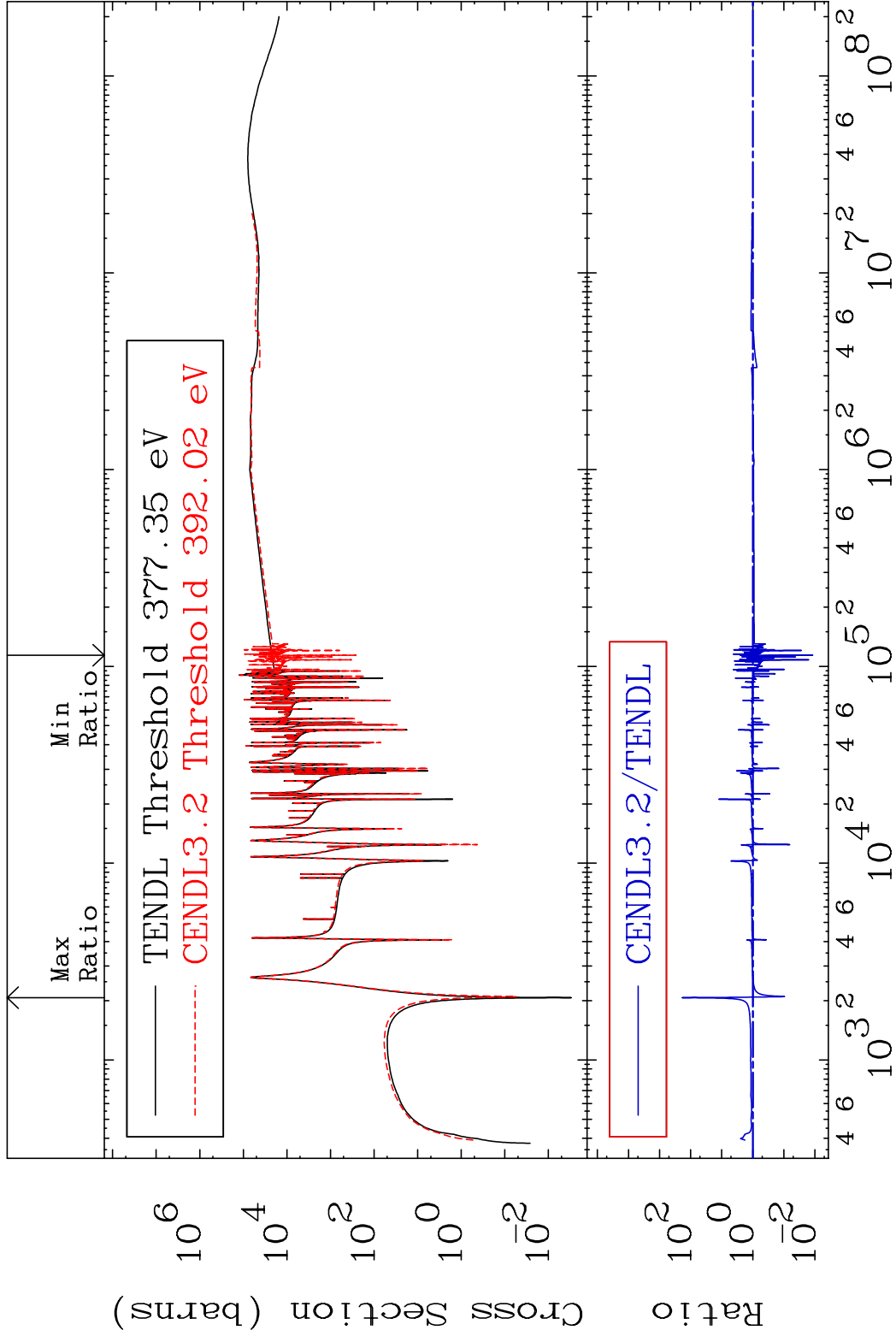
57 Incident Energy (eV) 30-Zn-64

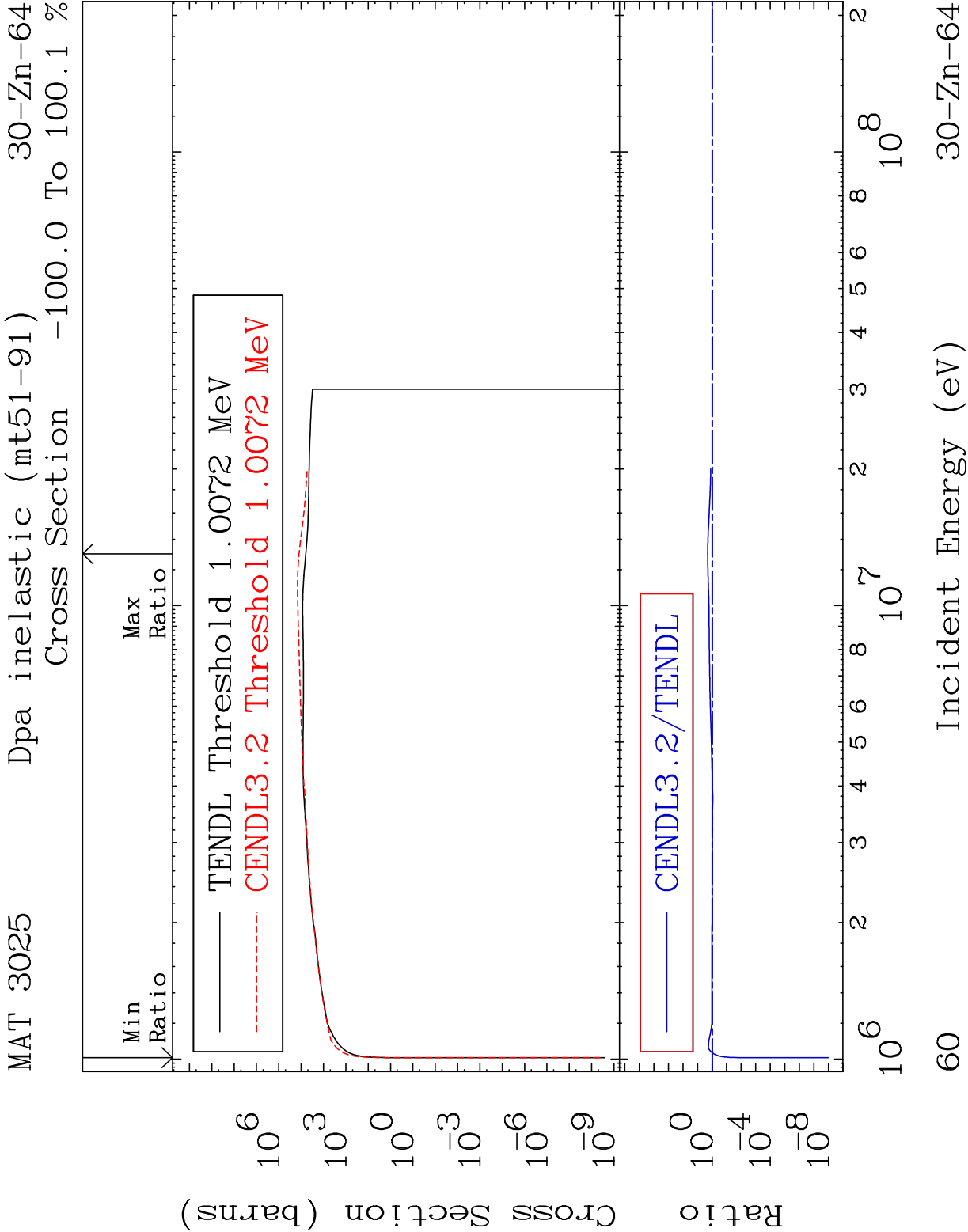
MAT 3025      Dpa total (eV-barns)      30-Zn-64  
Cross Section      -98.75 To 9999. %



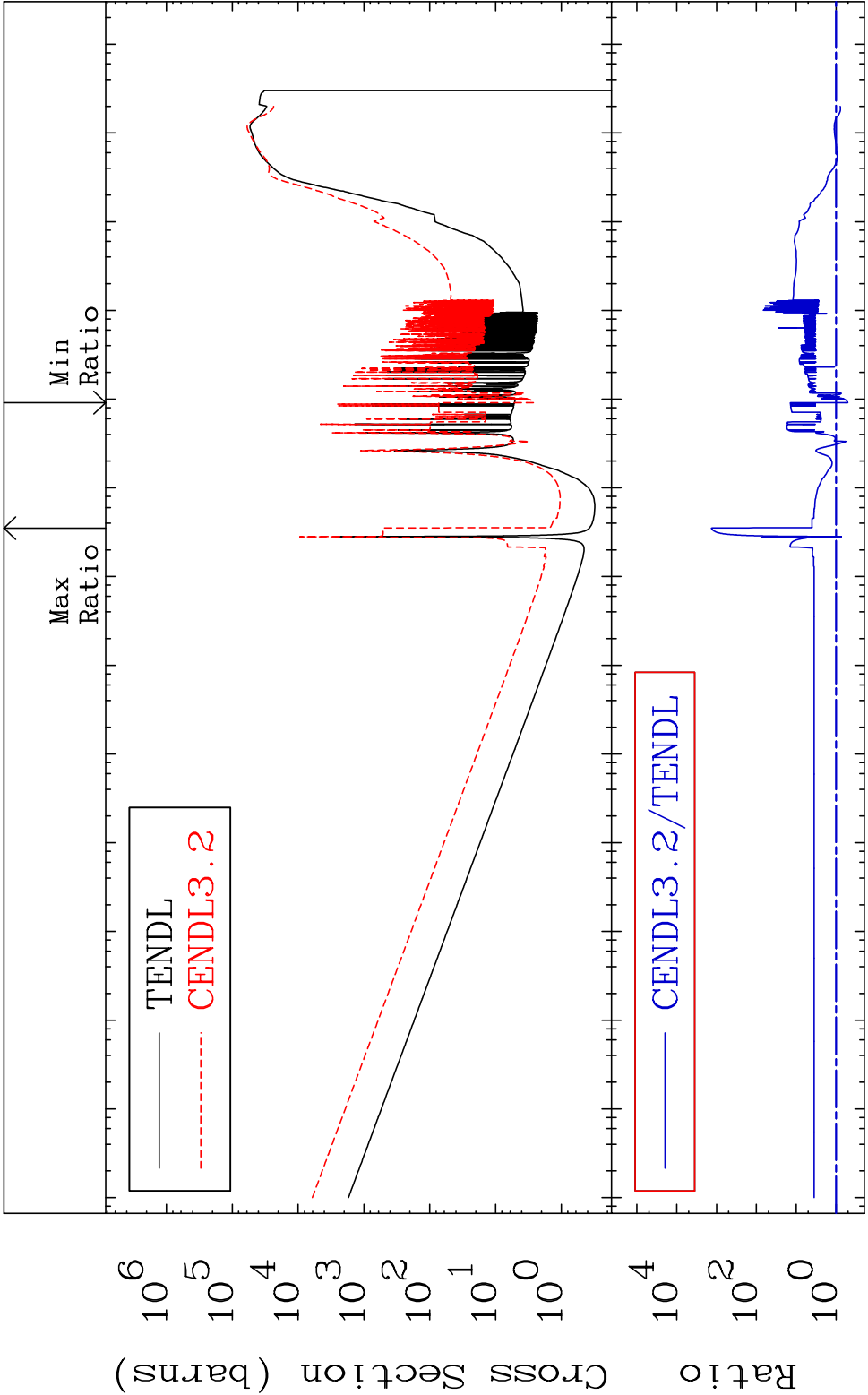
58      Incident Energy (eV)      30-Zn-64

MAT 3025      Dpa elastic (mt2)      30-Zn-64  
Cross Section      -98.81 To 9999. %

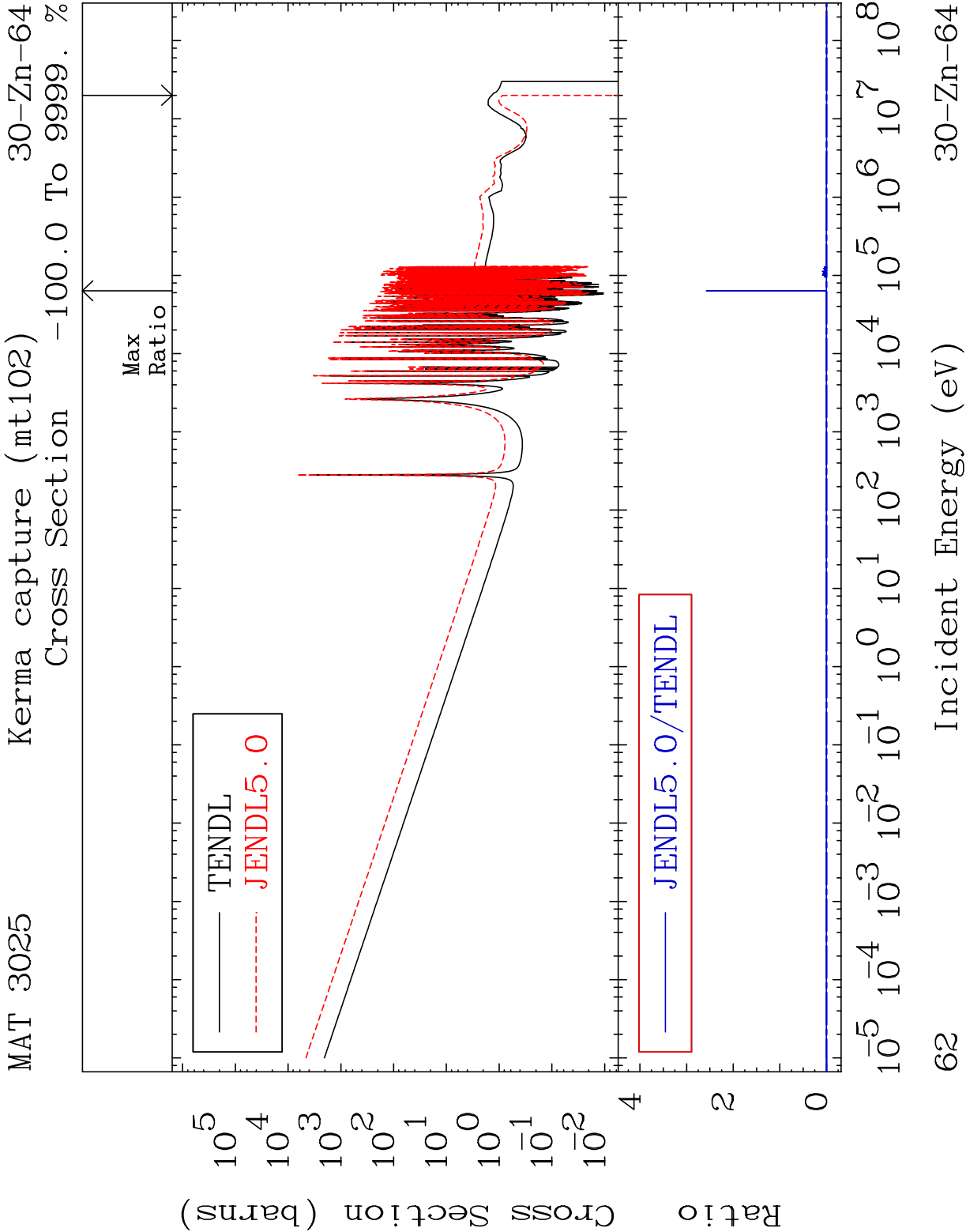


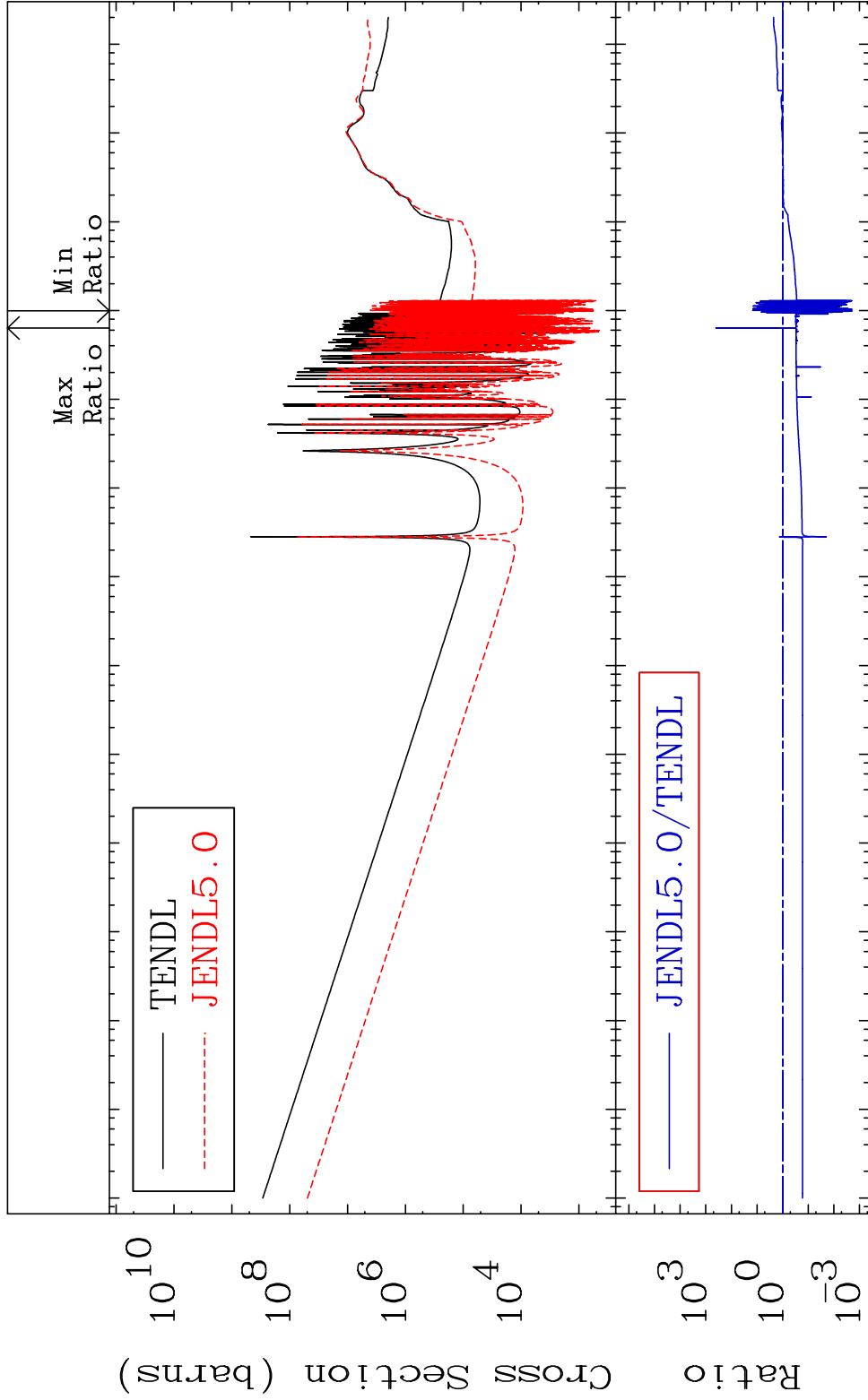


MAT 3025    Dpa disappearance (mt102 -120)    30-Zn-64  
Cross Section    -49.27 To 9999. %



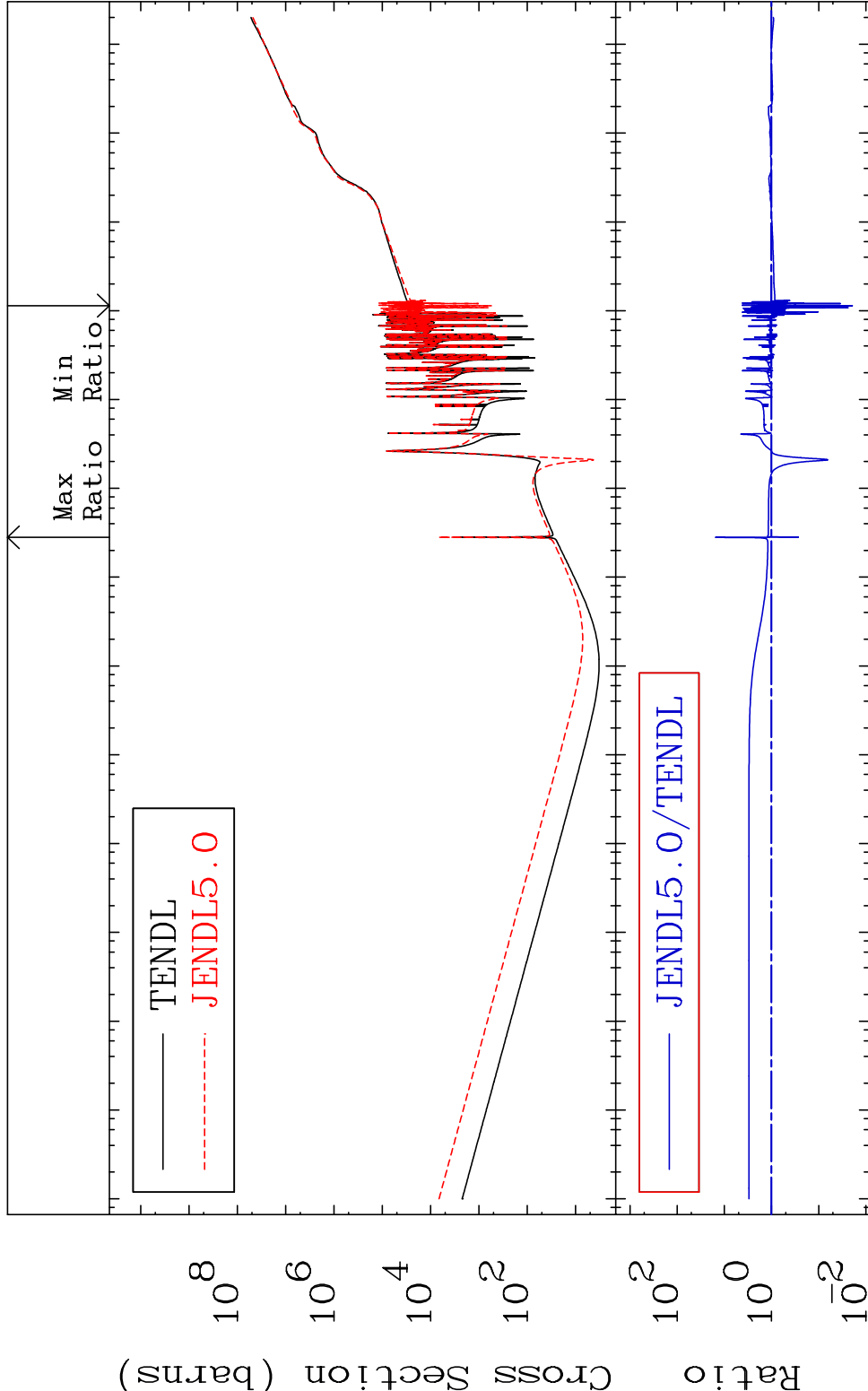
61    Incident Energy (eV)    30-Zn-64





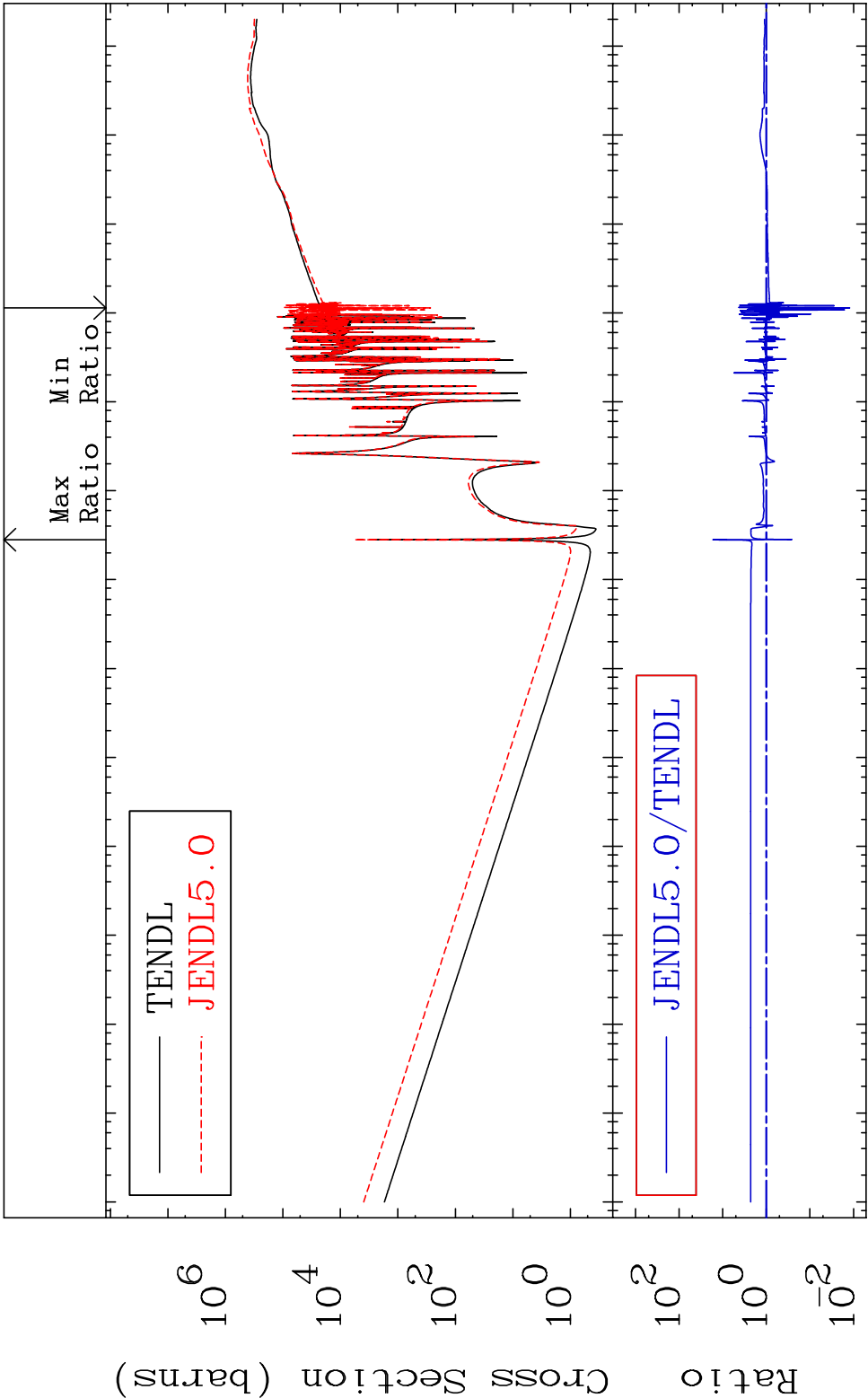


MAT 3025 Total kinematic kerma (high limit) 30-Zn-64  
Cross Section -98.05 To 1428. %



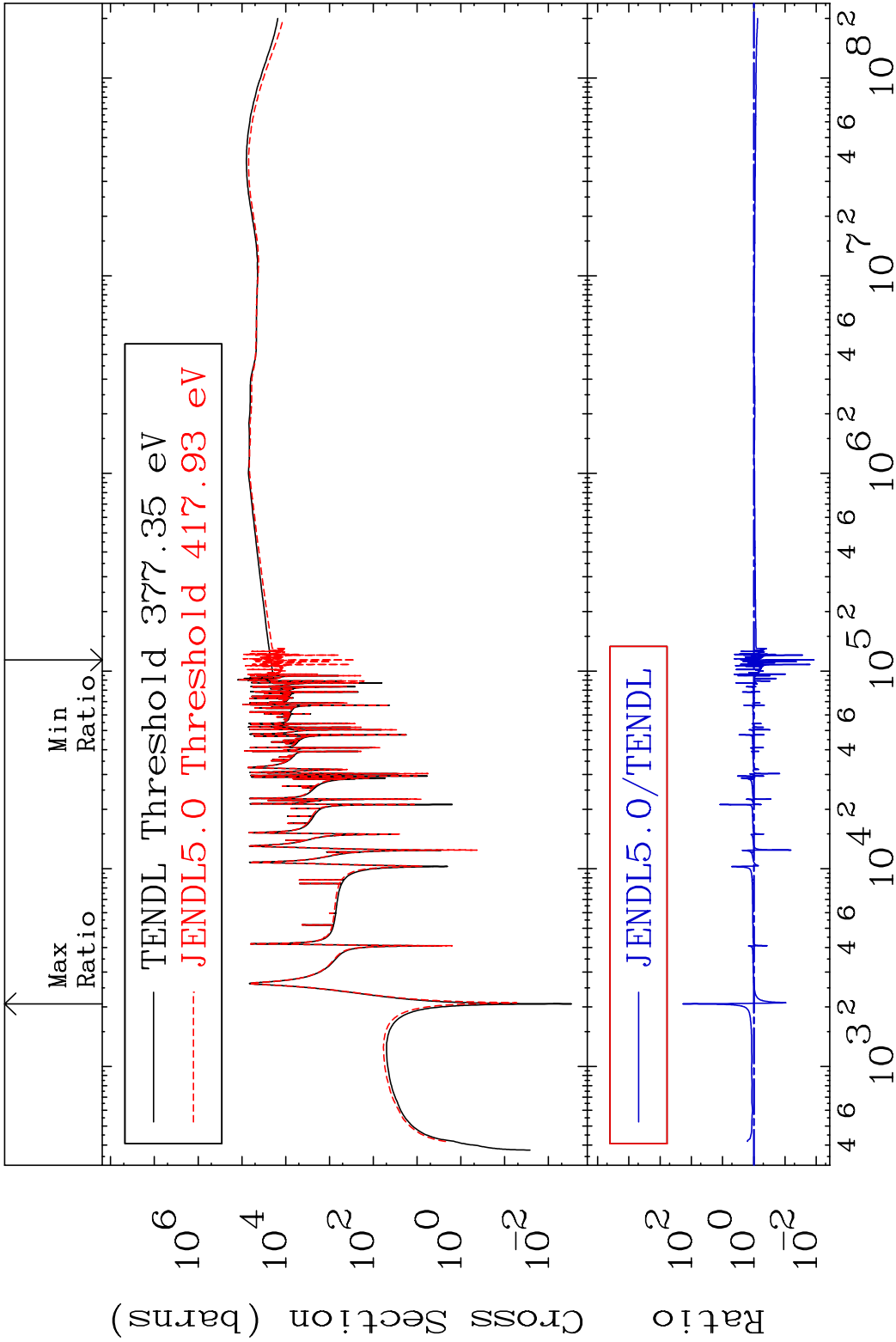
64 Incident Energy (eV) 30-Zn-64

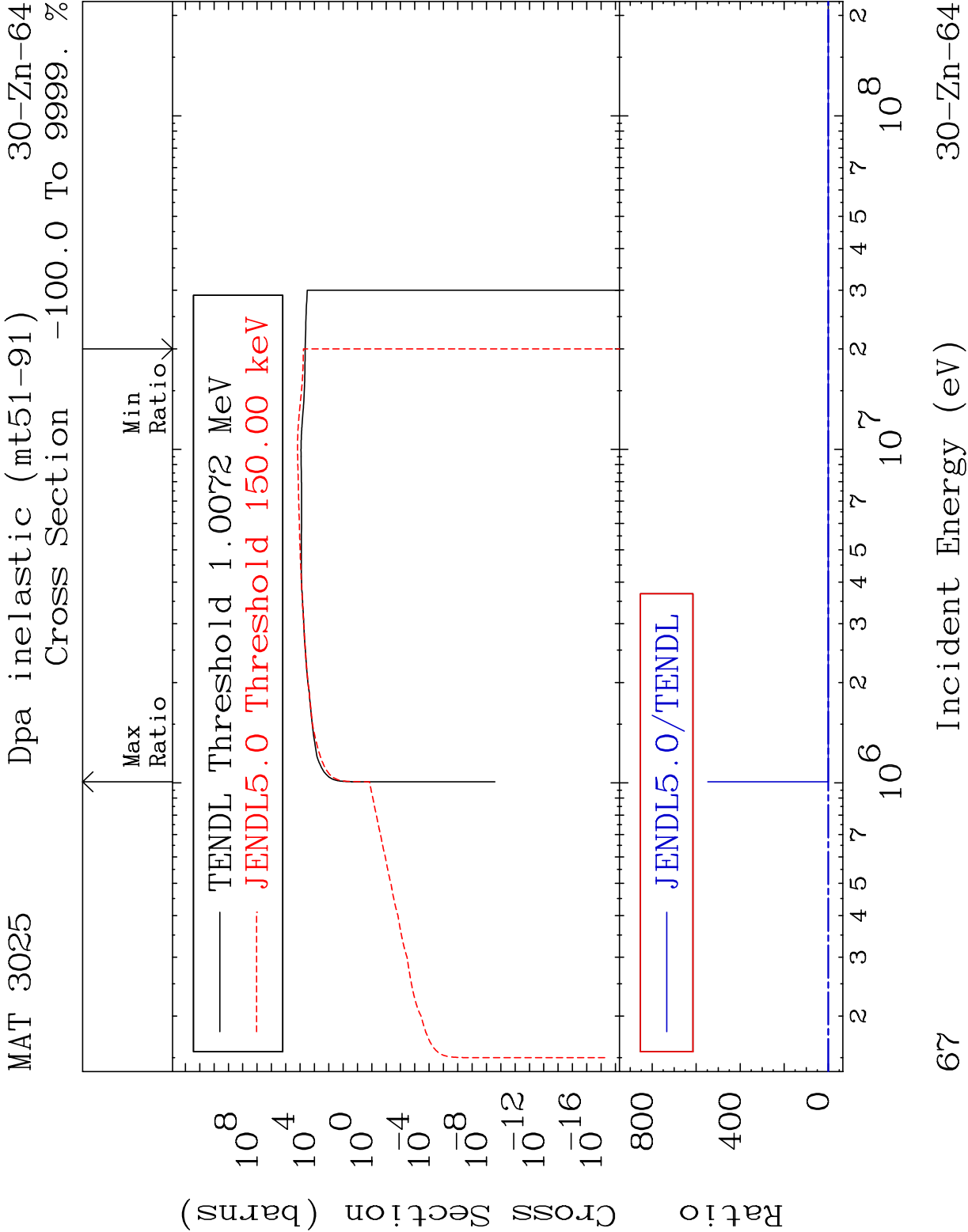
MAT 3025      Dpa total (eV-barns)      30-Zn-64  
Cross Section      -98.76 To 1587. %



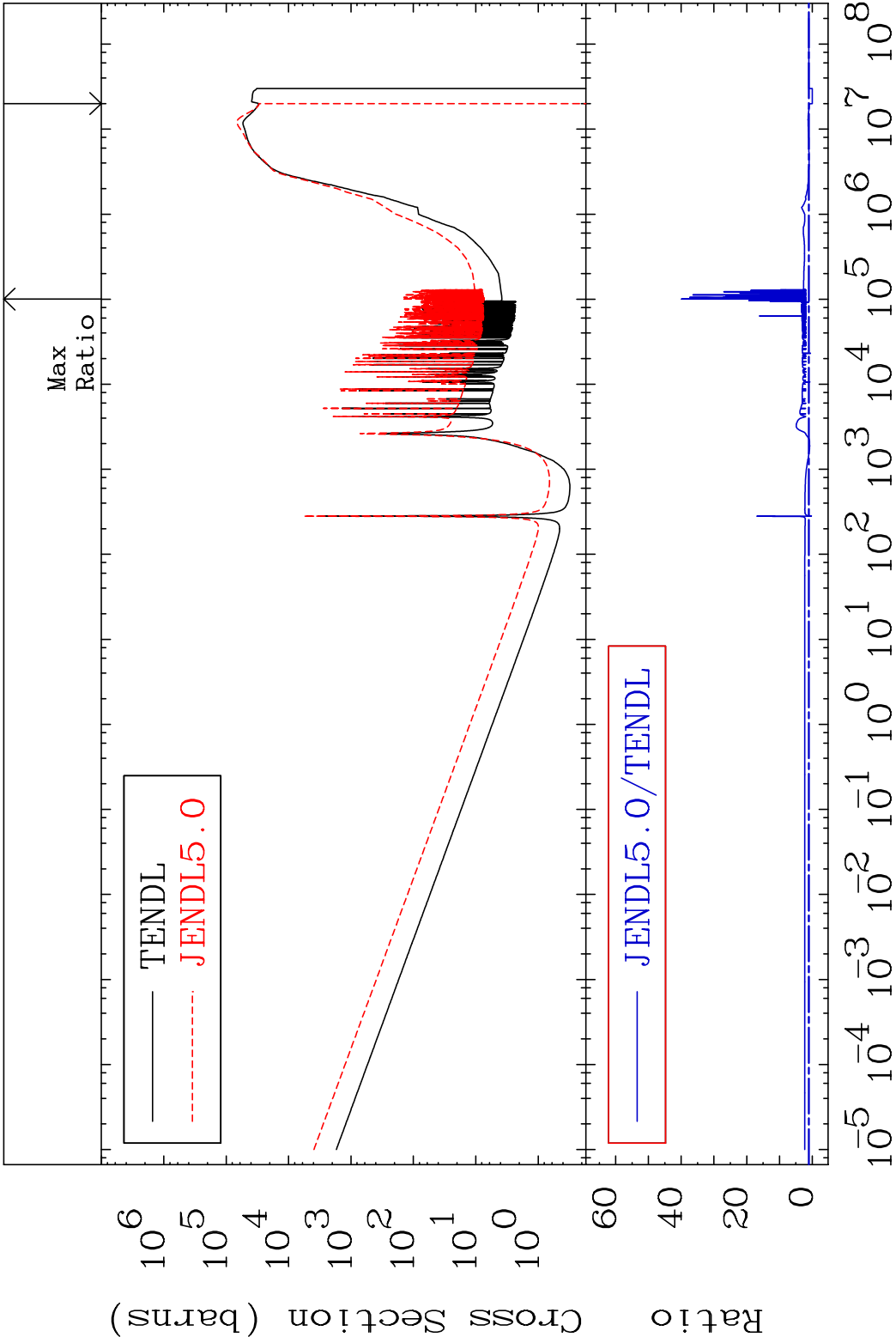
65      Incident Energy (eV)      30-Zn-64

MAT 3025      Dpa elastic (mt2)      30-Zn-64  
 Cross Section      -98.81 To 9999. %

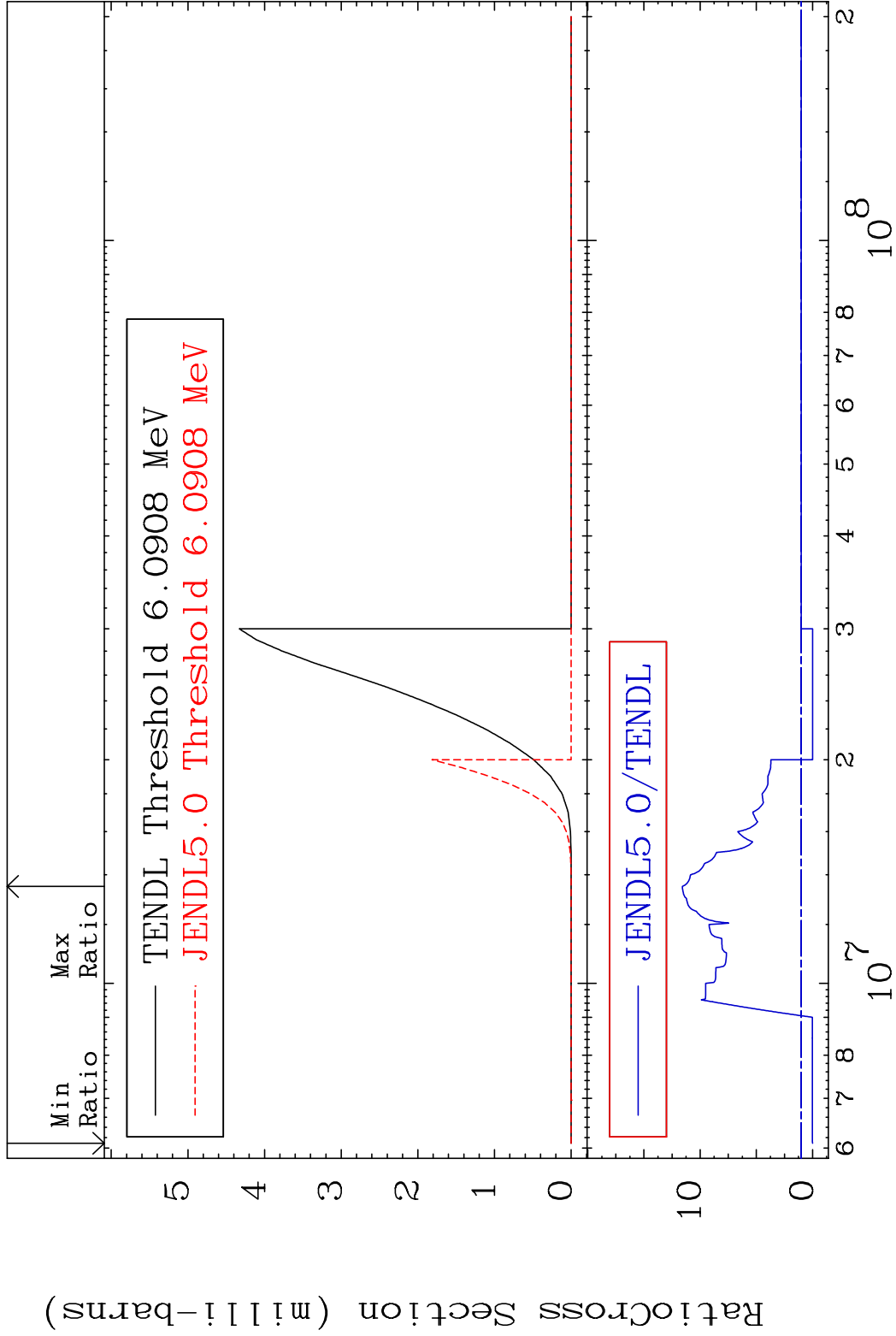




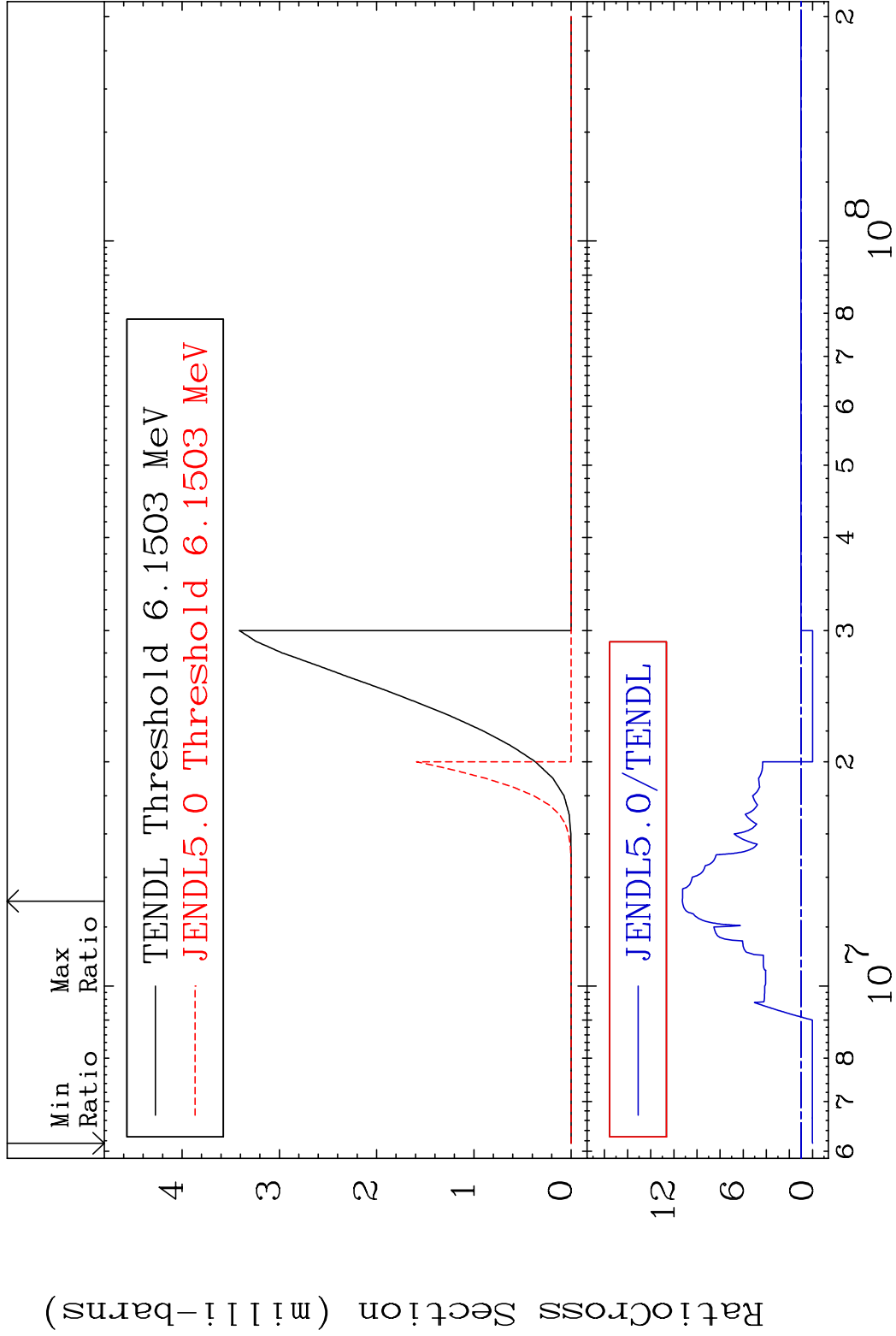
MAT 3025    Dpa disappearance (mt102 -120)    30-Zn-64  
Cross Section    -100.0 To 3889. %



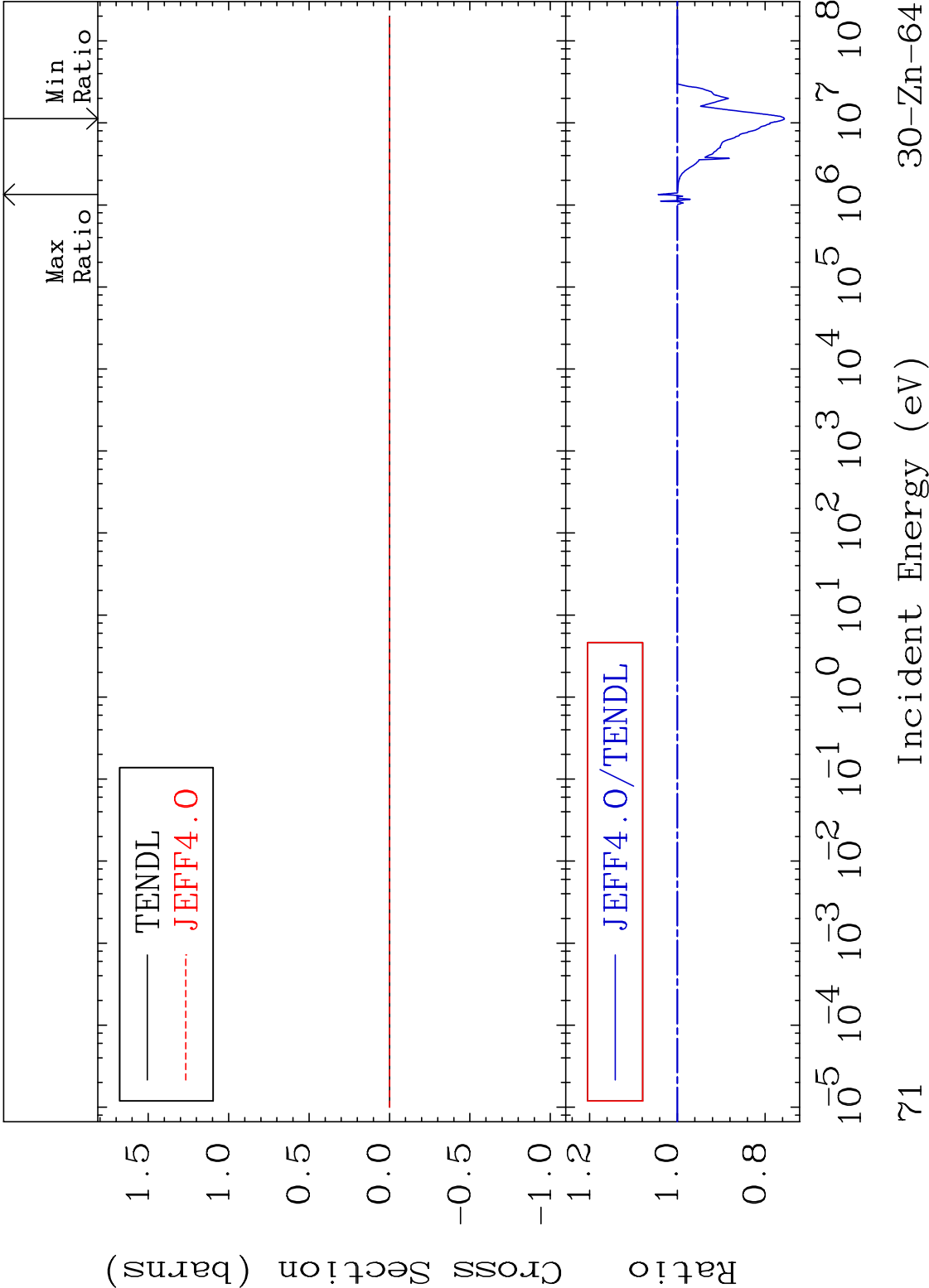
Radionuclide Production Cross Section (mb)



Radionuclide Production Cross Section (mb) 1026. %

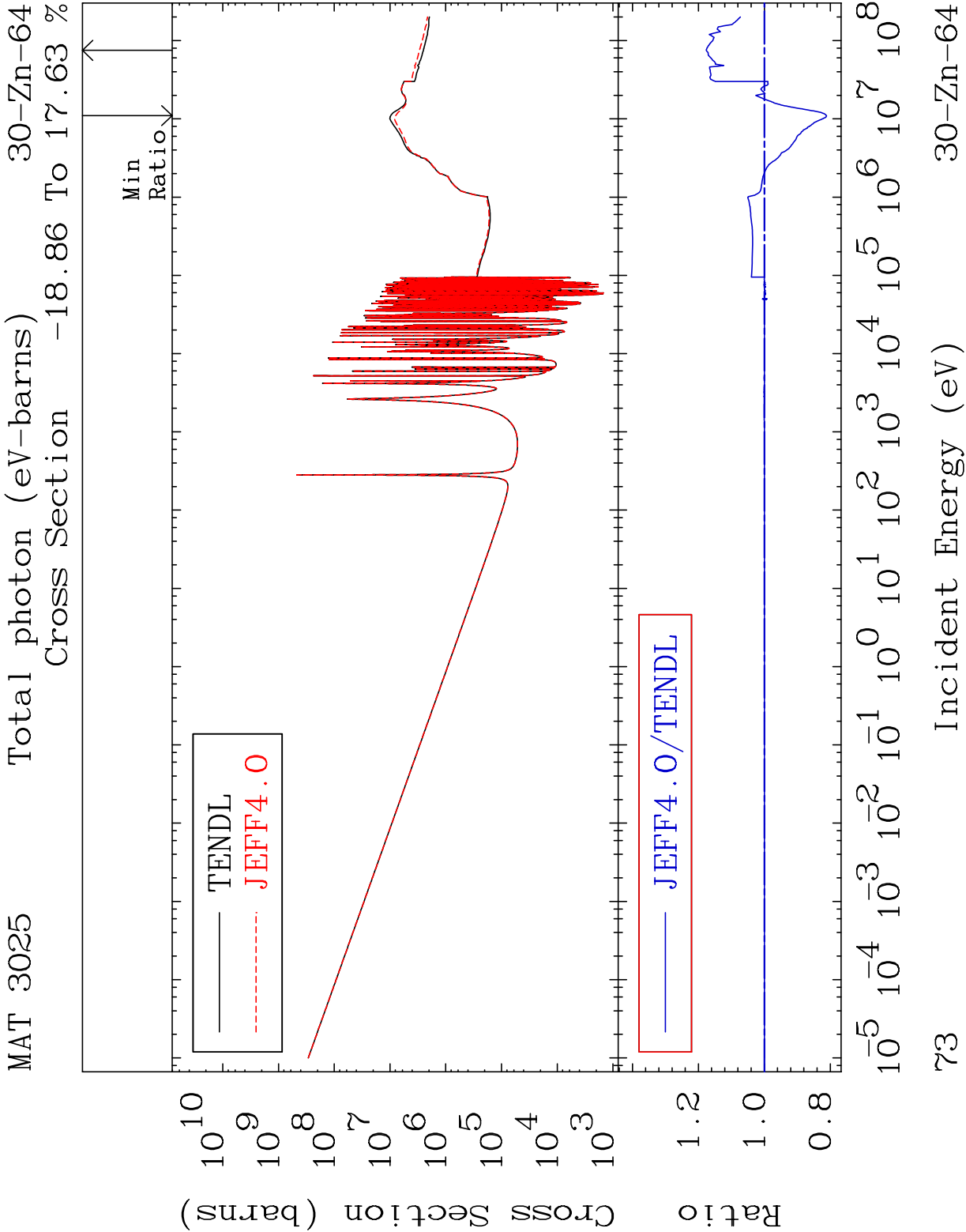


MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64  
Cross Section -24.39 To 4.381 %



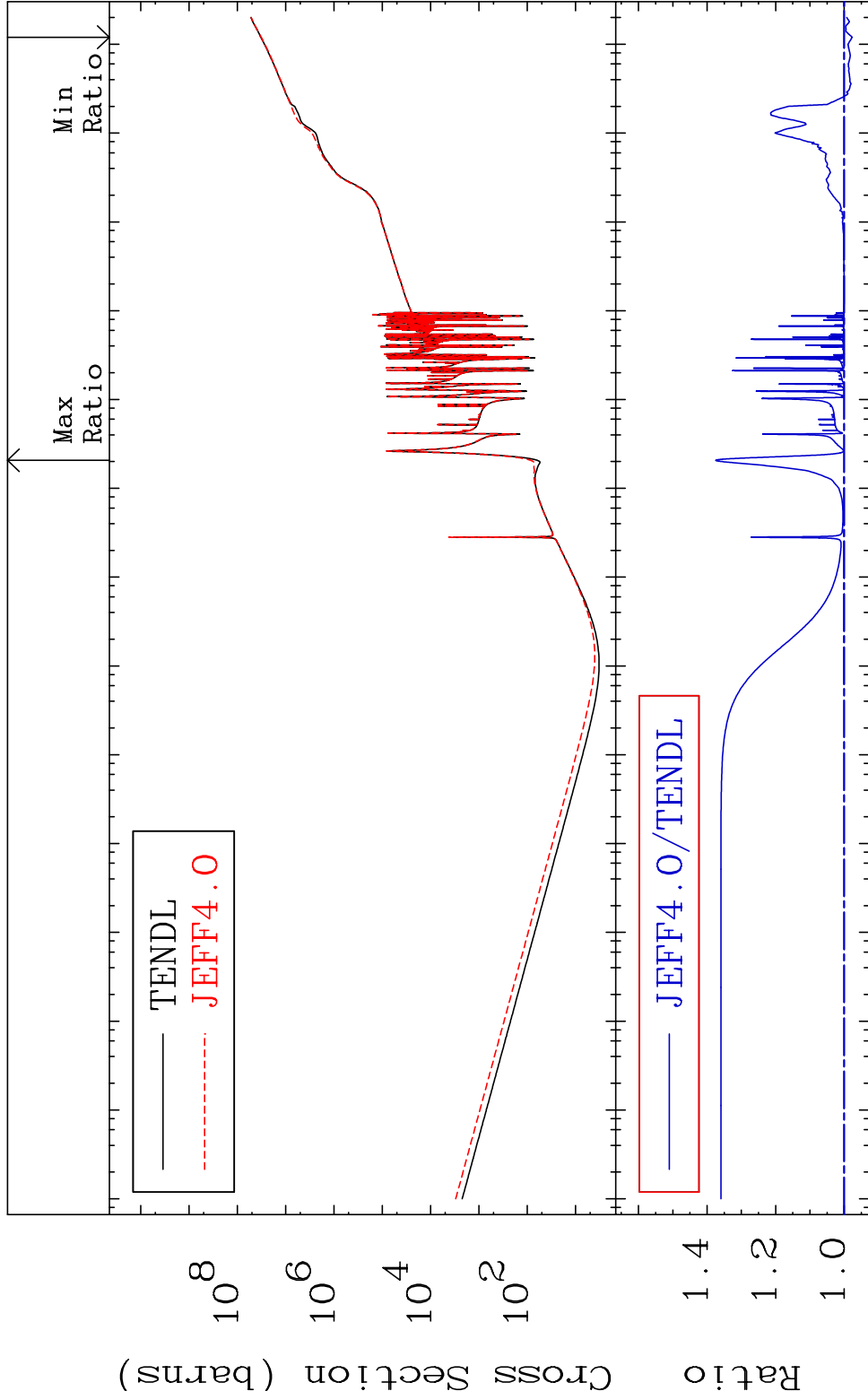


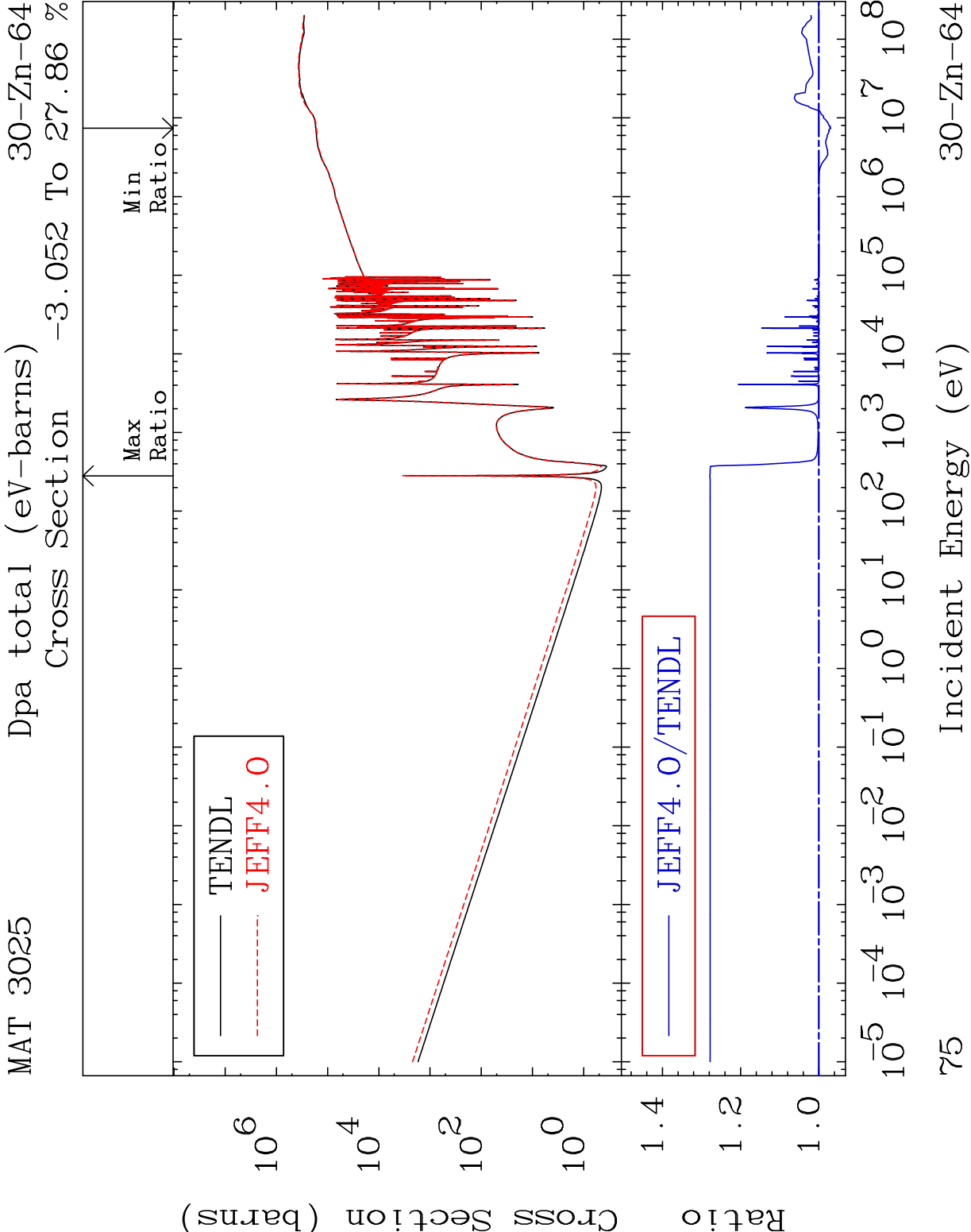




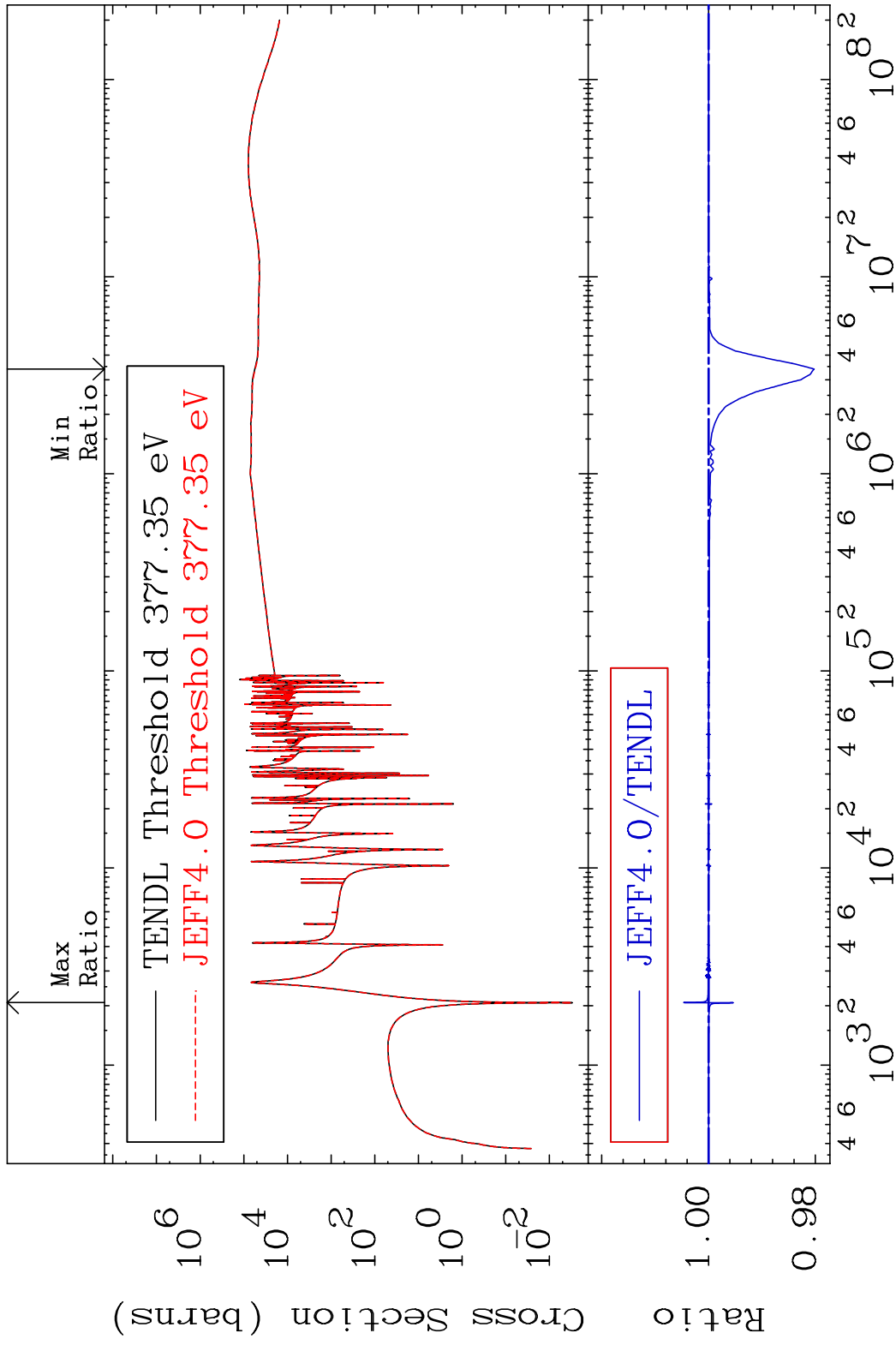
MAT 3025 Total kinematic kerma (high limit) 30-Zn-64

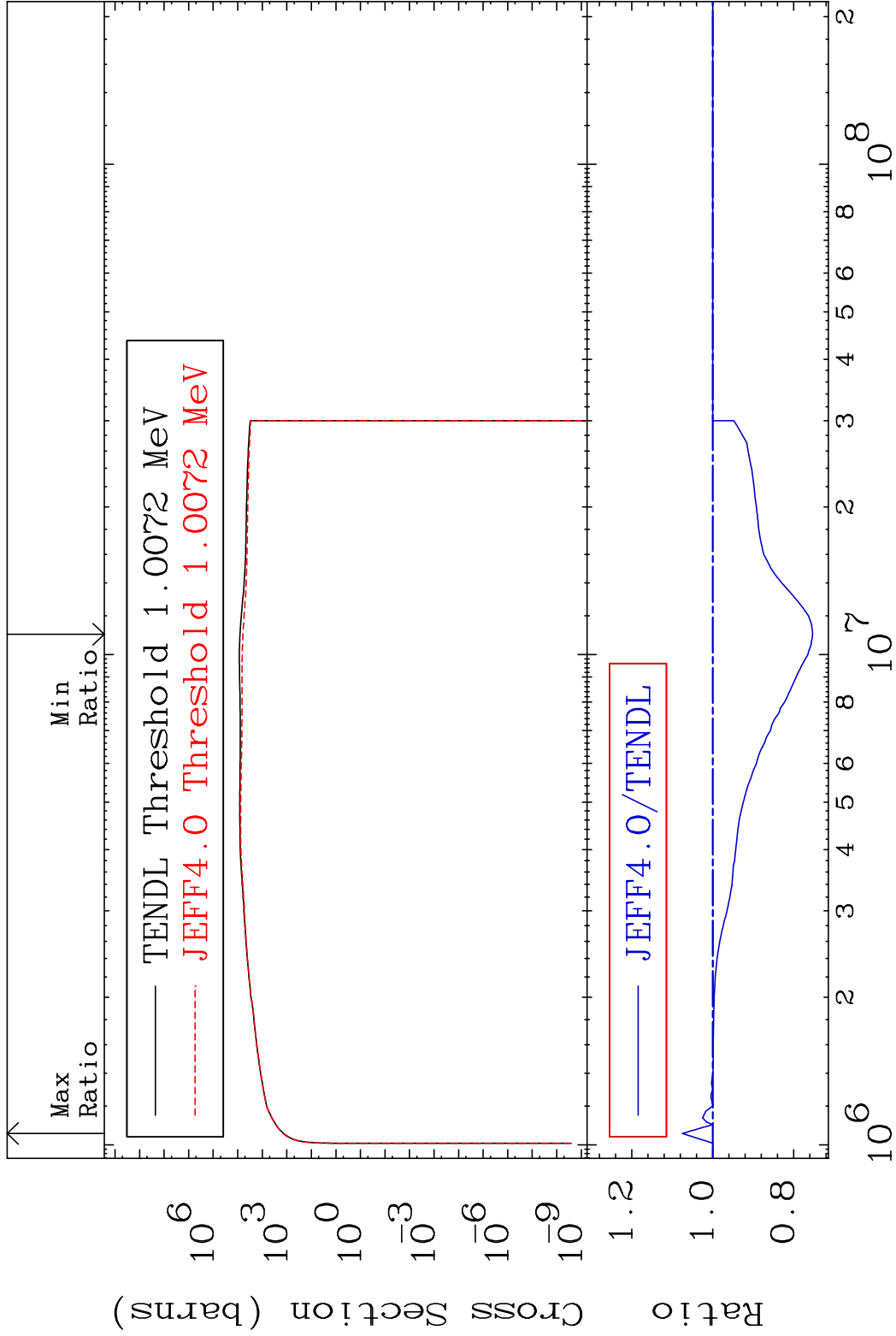
Cross Section -2.337 To 37.49 %





MAT 3025      Dpa elastic (mt2)      30-Zn-64  
 Cross Section      -1.977 To 0.466 %





MAT 3025    Dpa disappearance (mt102 -120)    30-Zn-64  
Cross Section    0.000    To 44.09 %

