

Program Complot
(Version 2021-1)

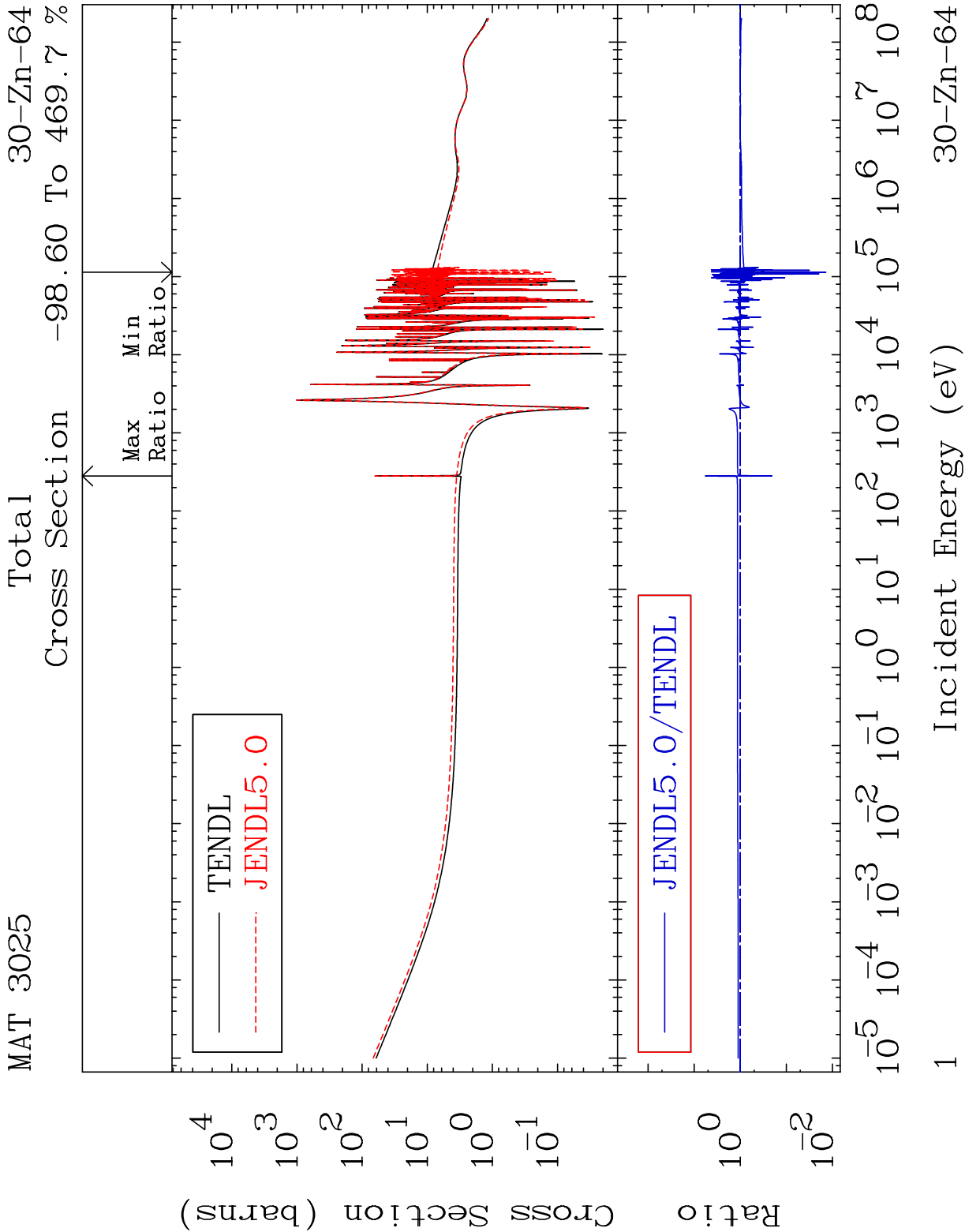
by

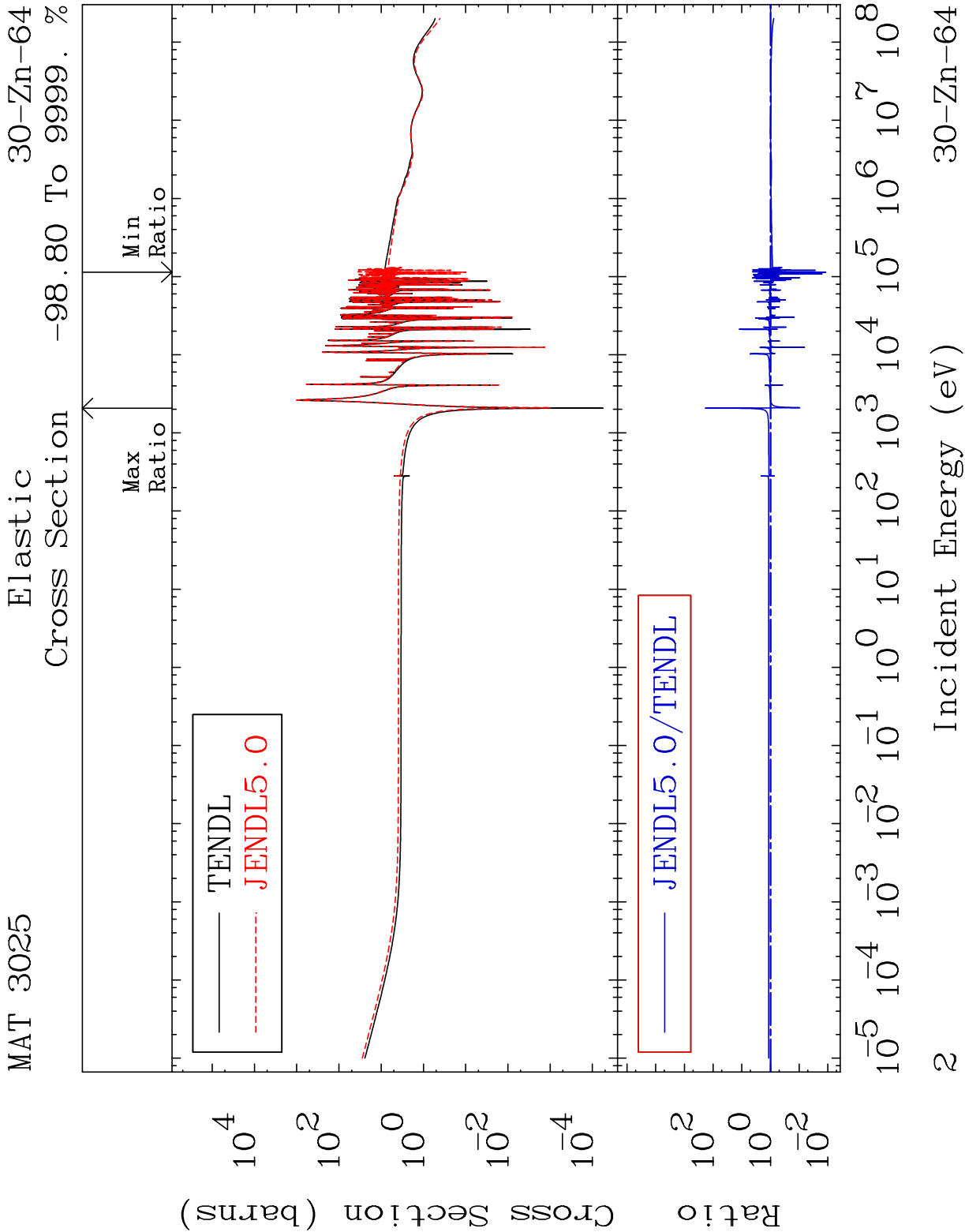
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start



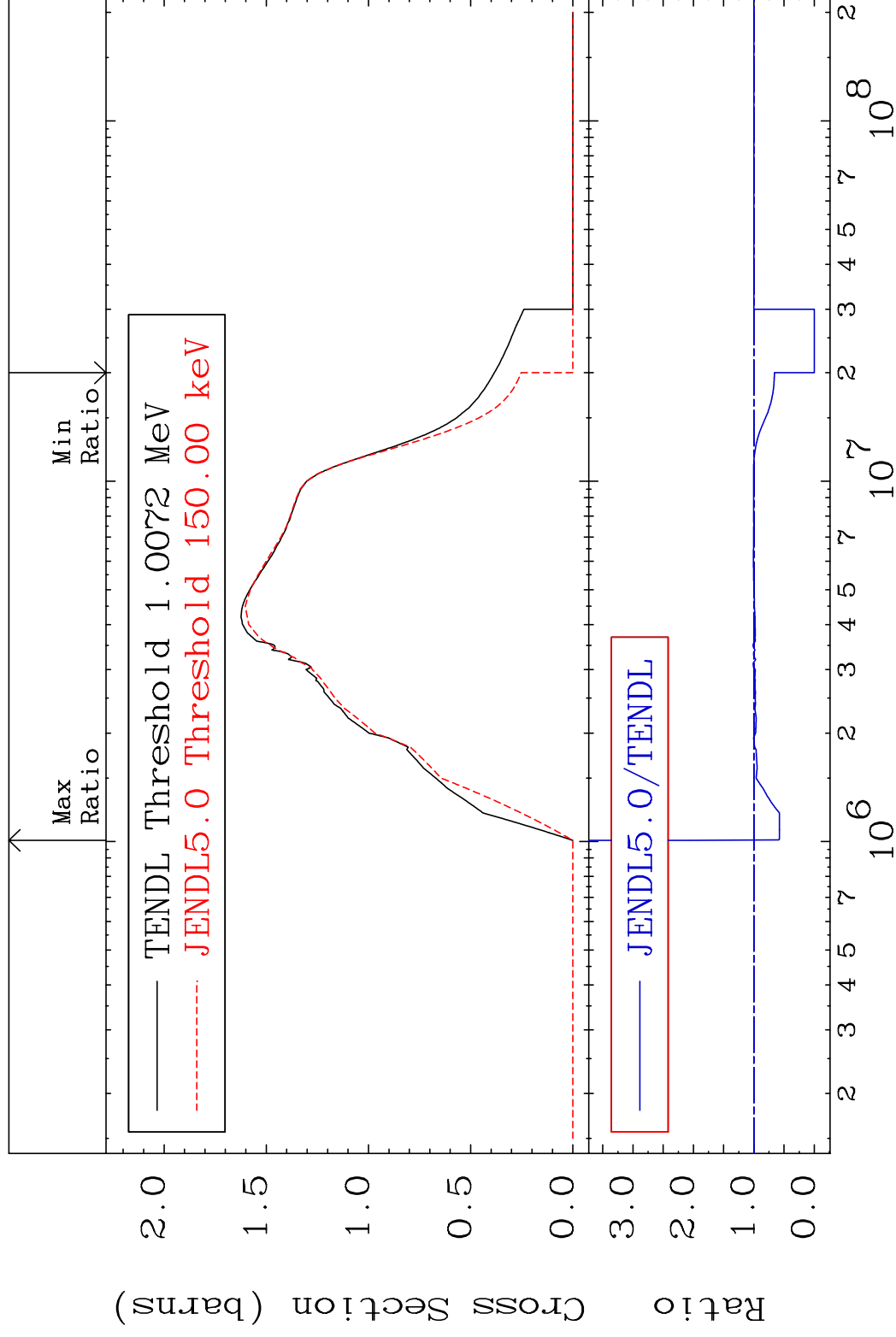


MAT 3025

Inelastic

30-Zn-64

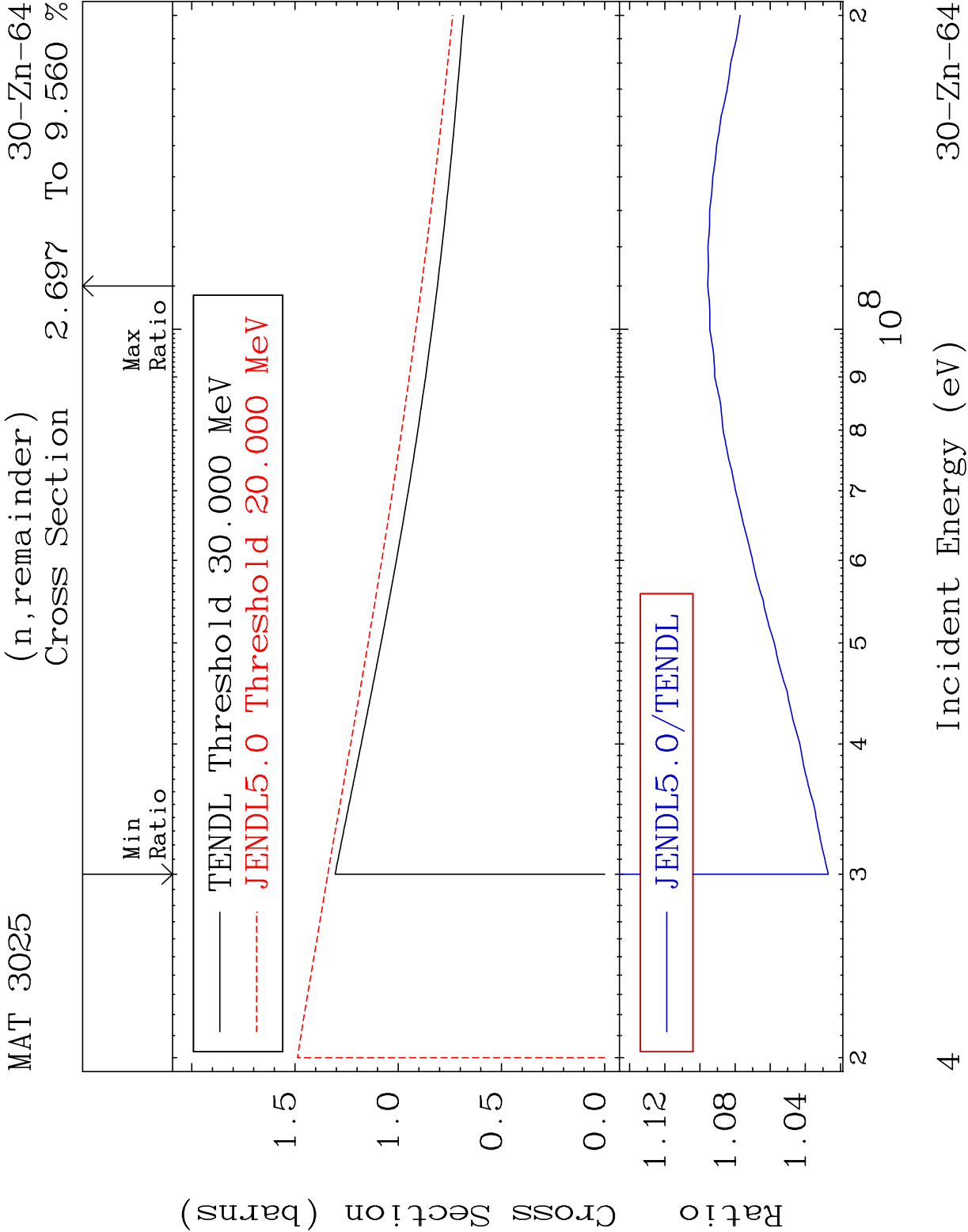
Cross Section -100.0 To 115.4 %

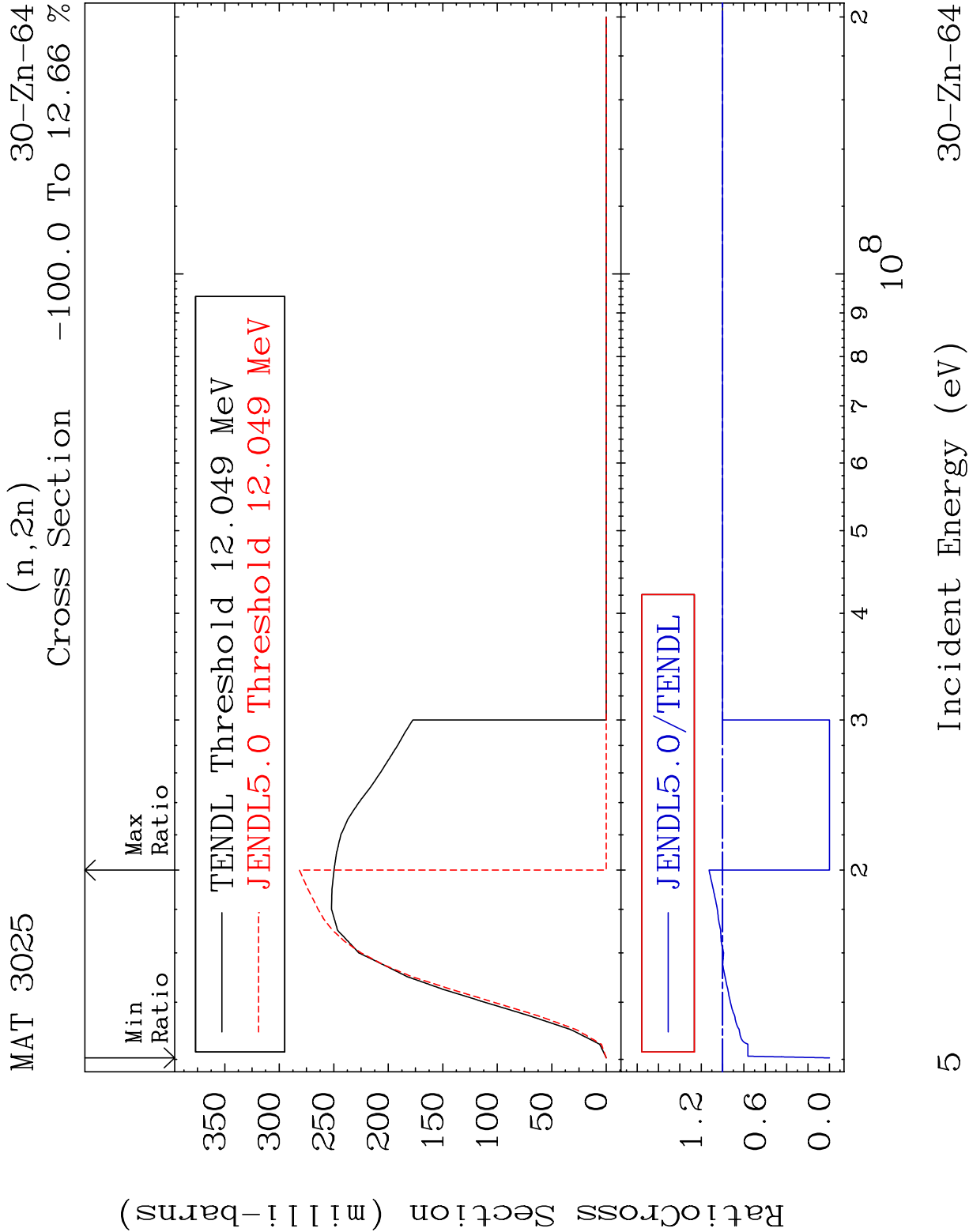


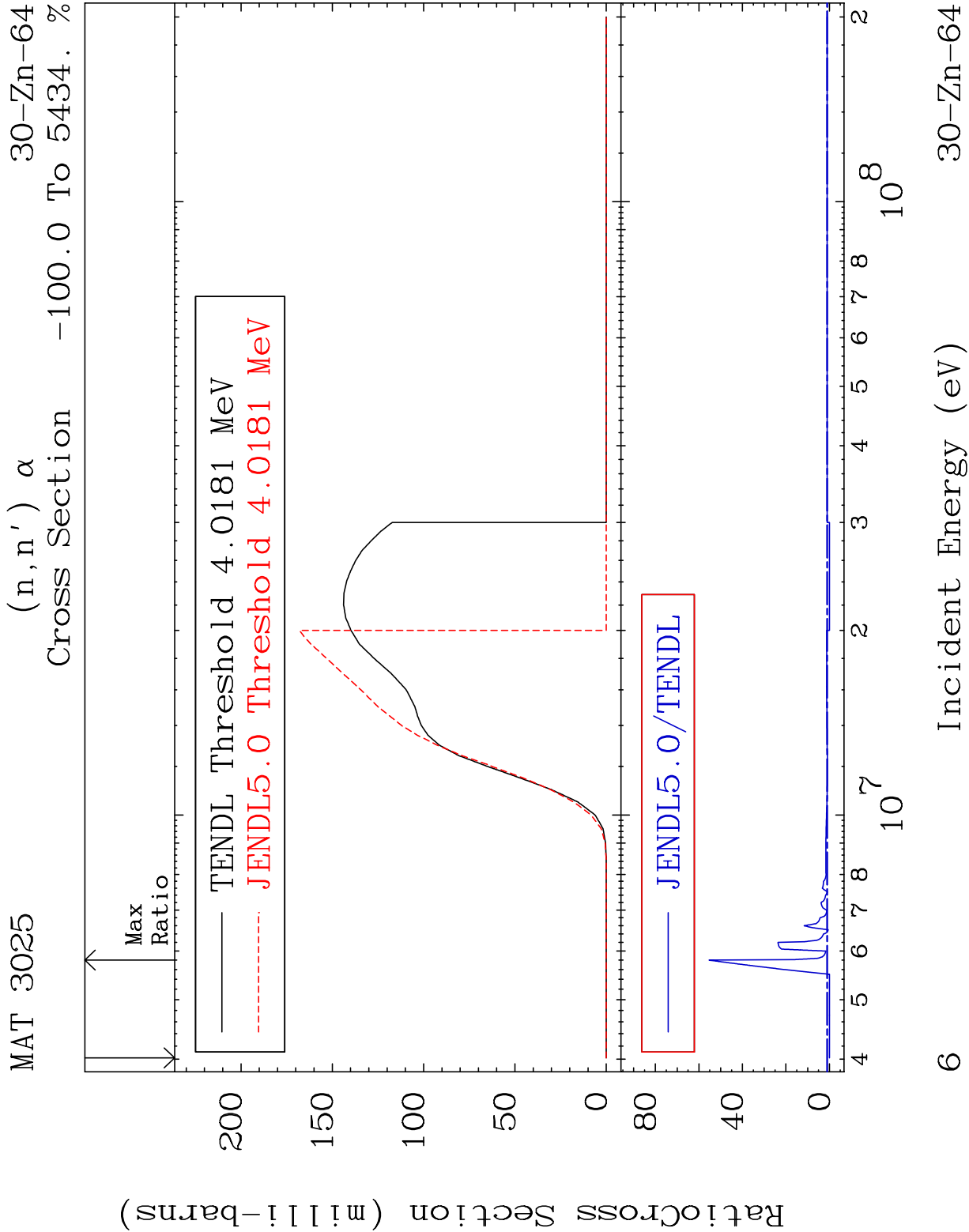
3

Incident Energy (eV)

30-Zn-64



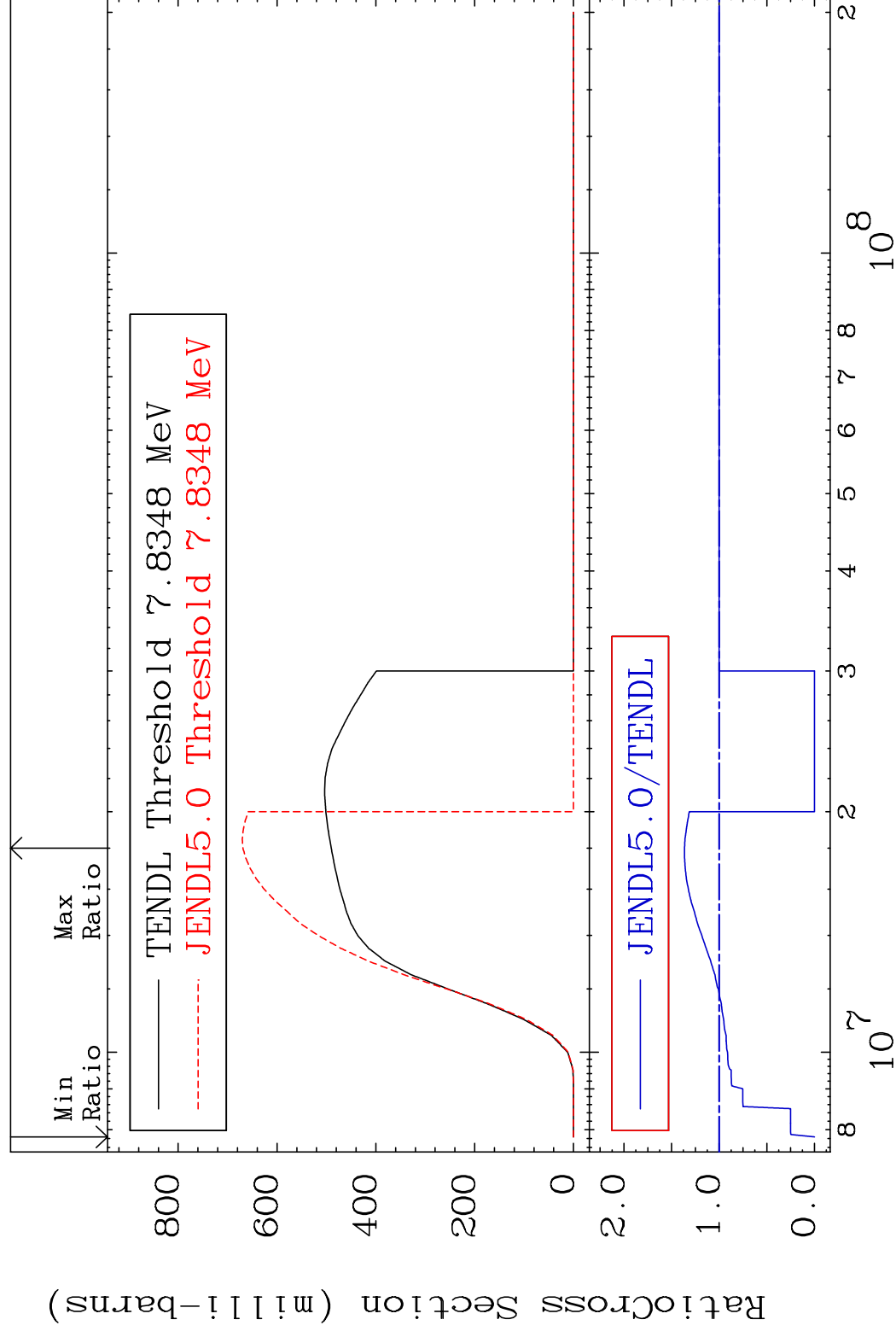




MAT 3025

$$(n, n')$$
 $^{30}\text{Zn-64}$

Cross Section

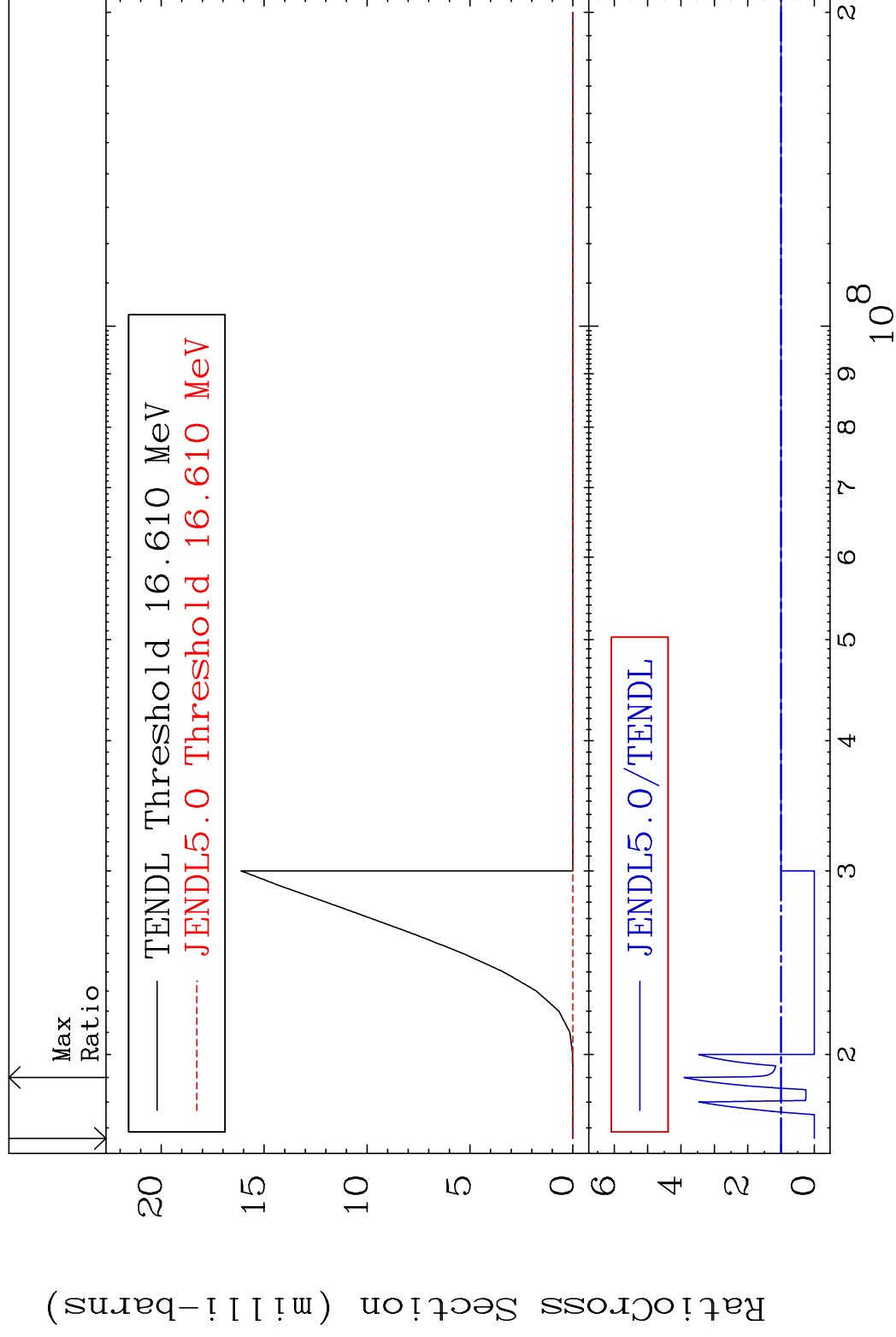


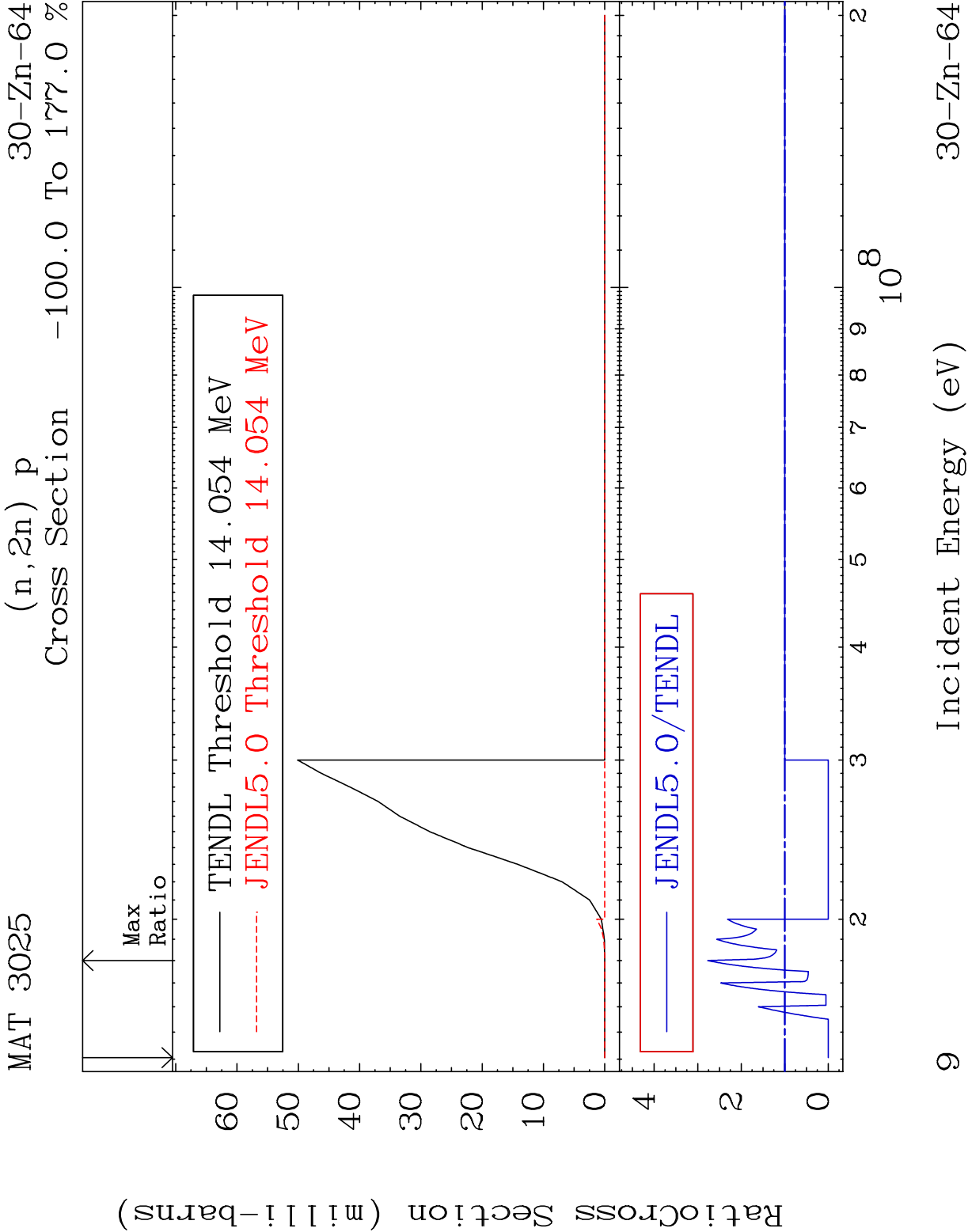
MAT 3025

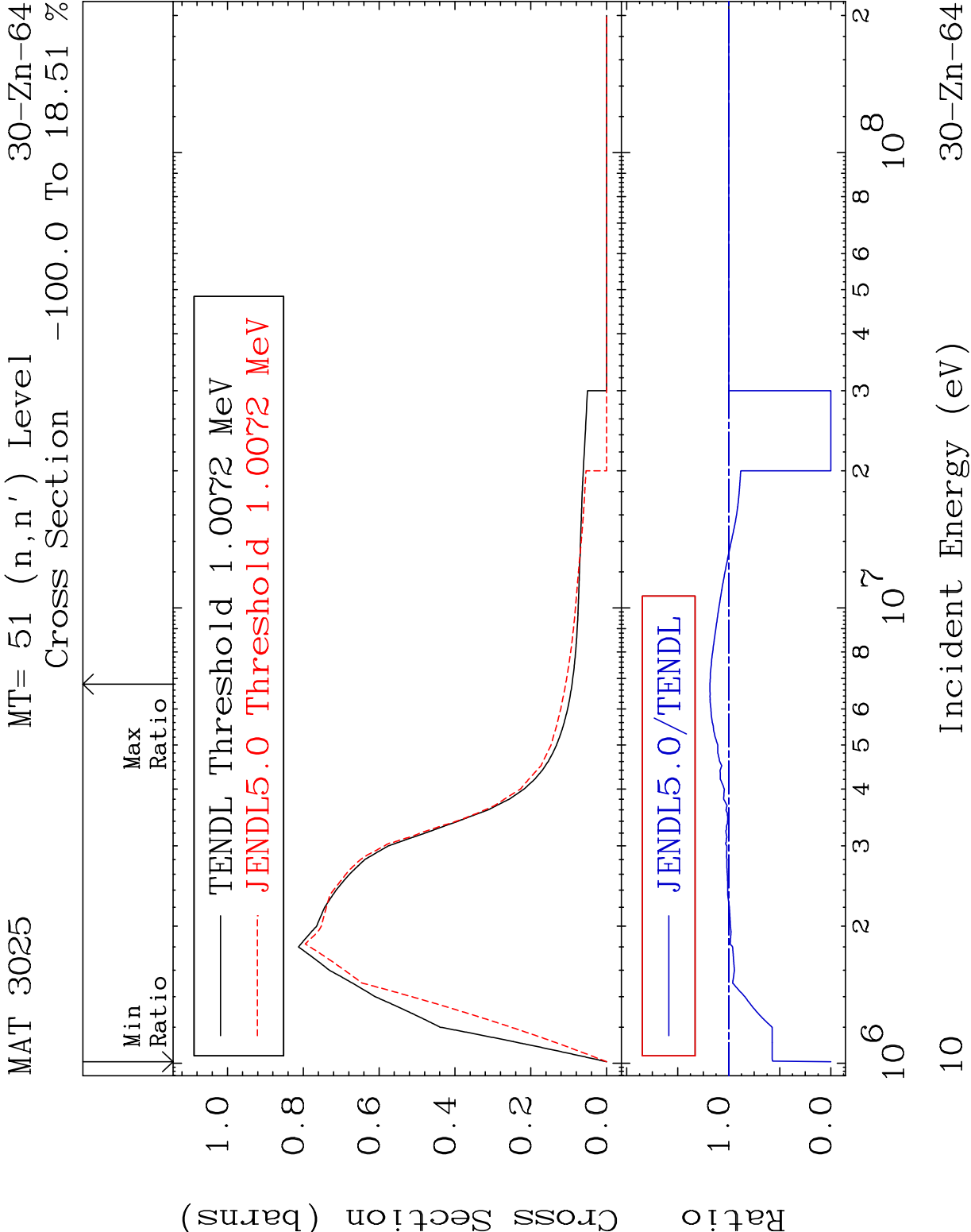
$$(n, n') \text{ d}$$

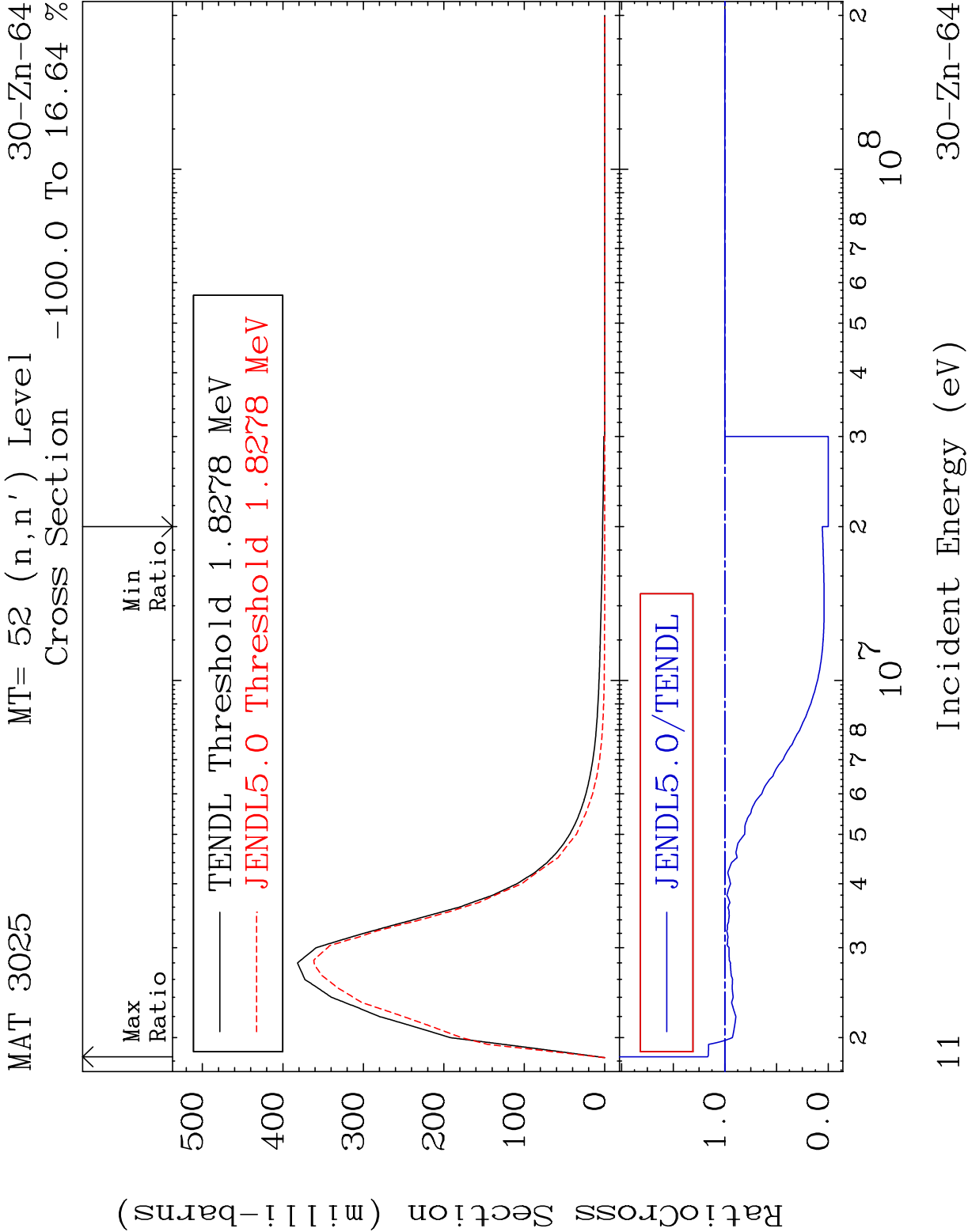
30-Zn-64

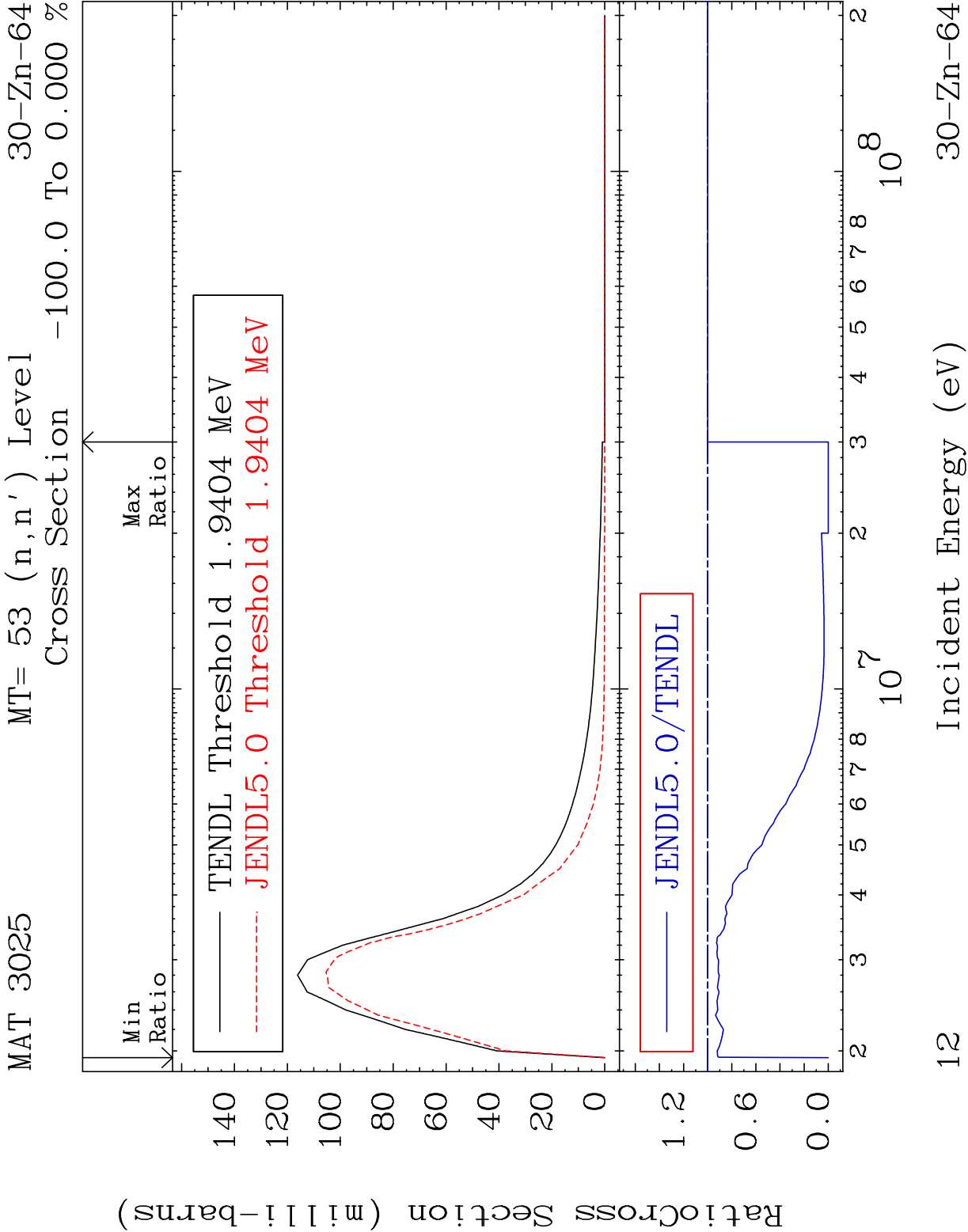
Cross Section -100.0 To 290.8 %

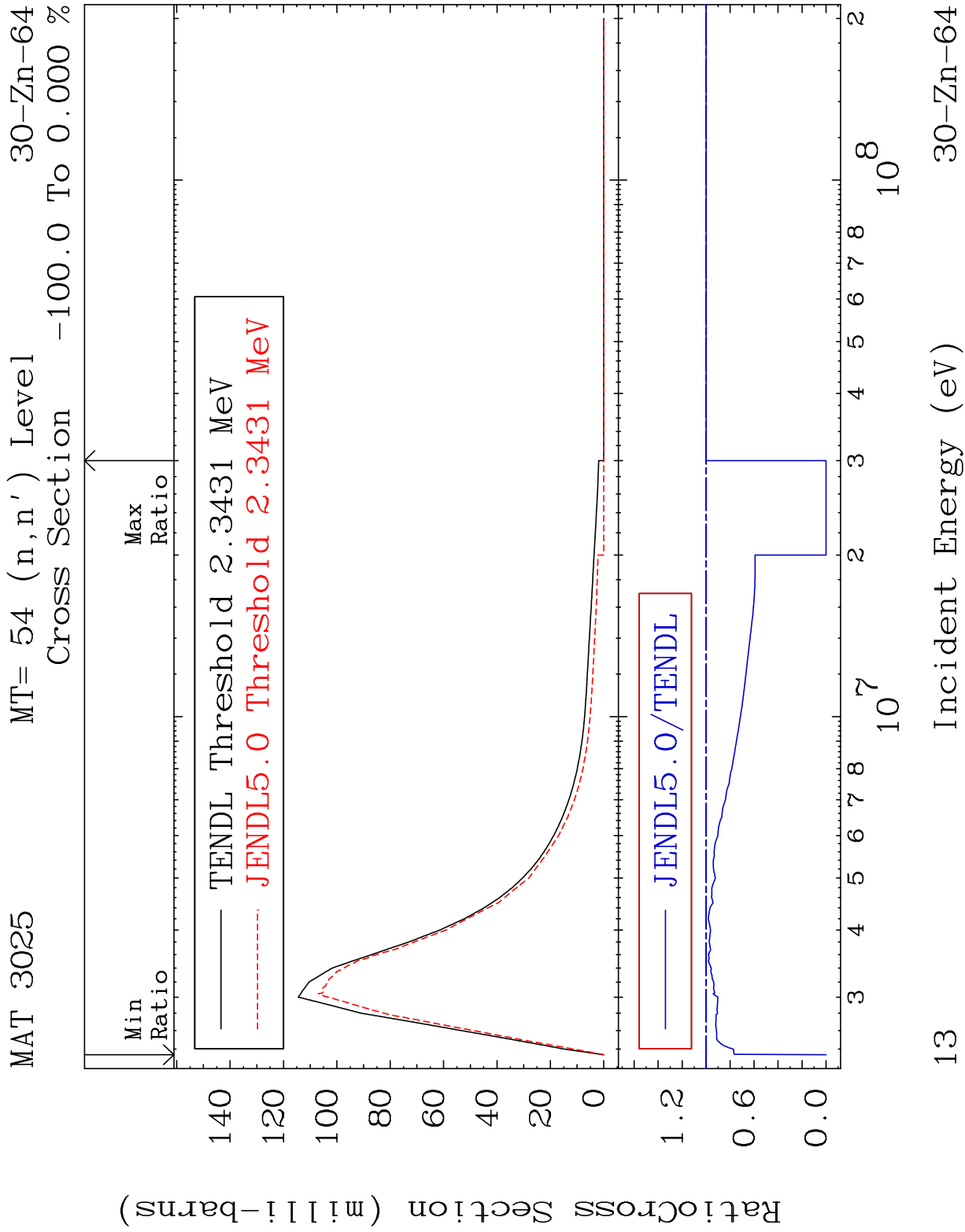


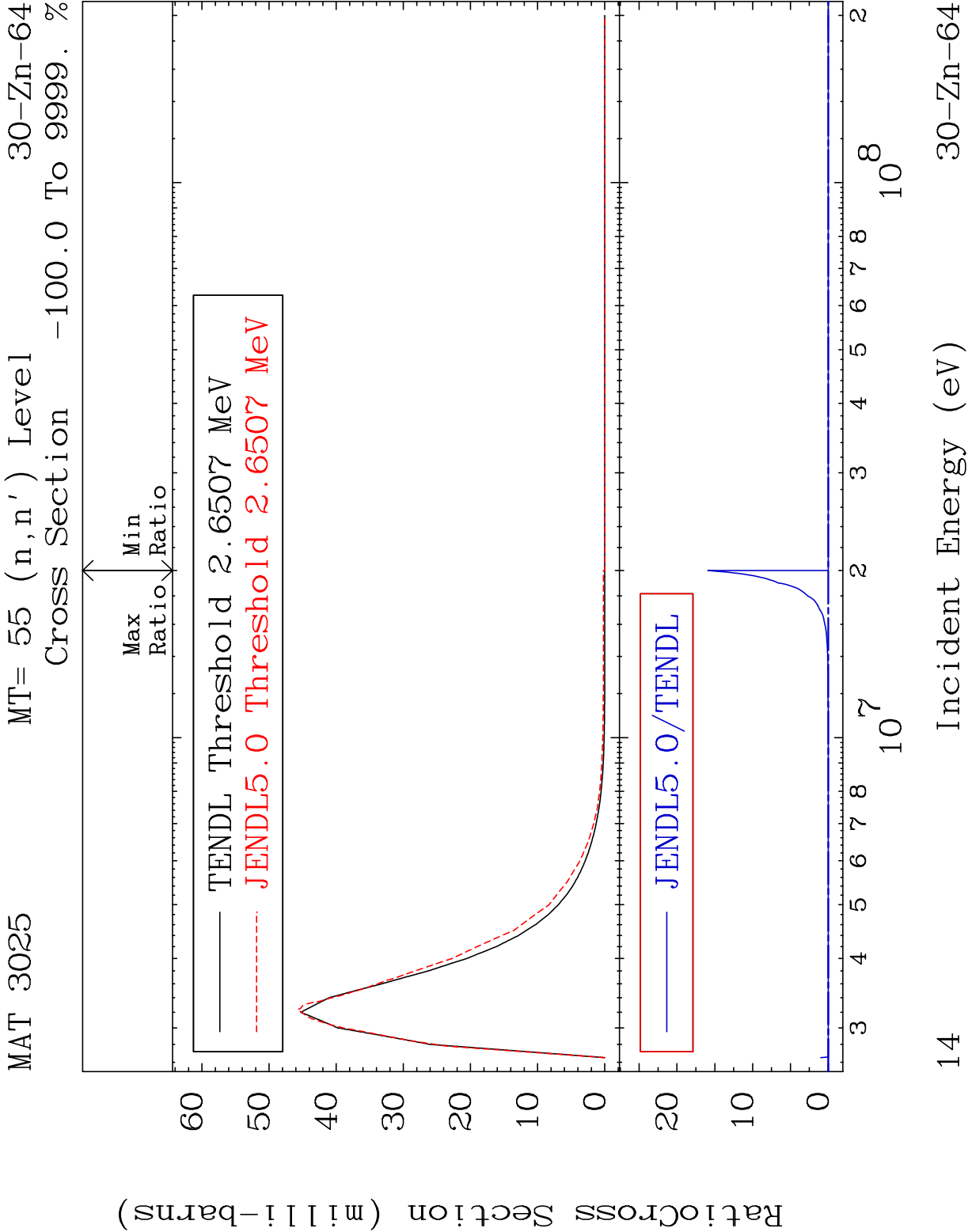










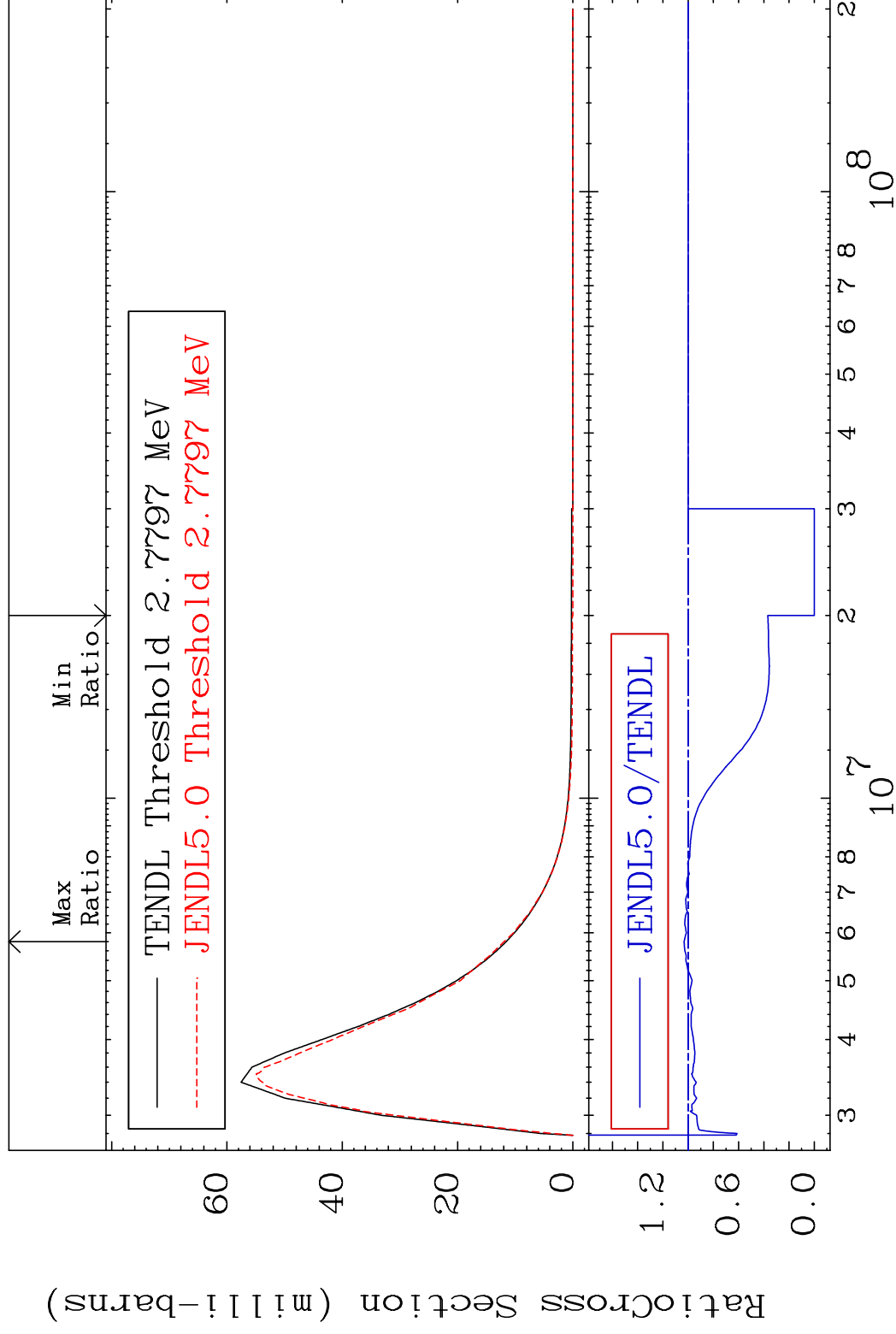


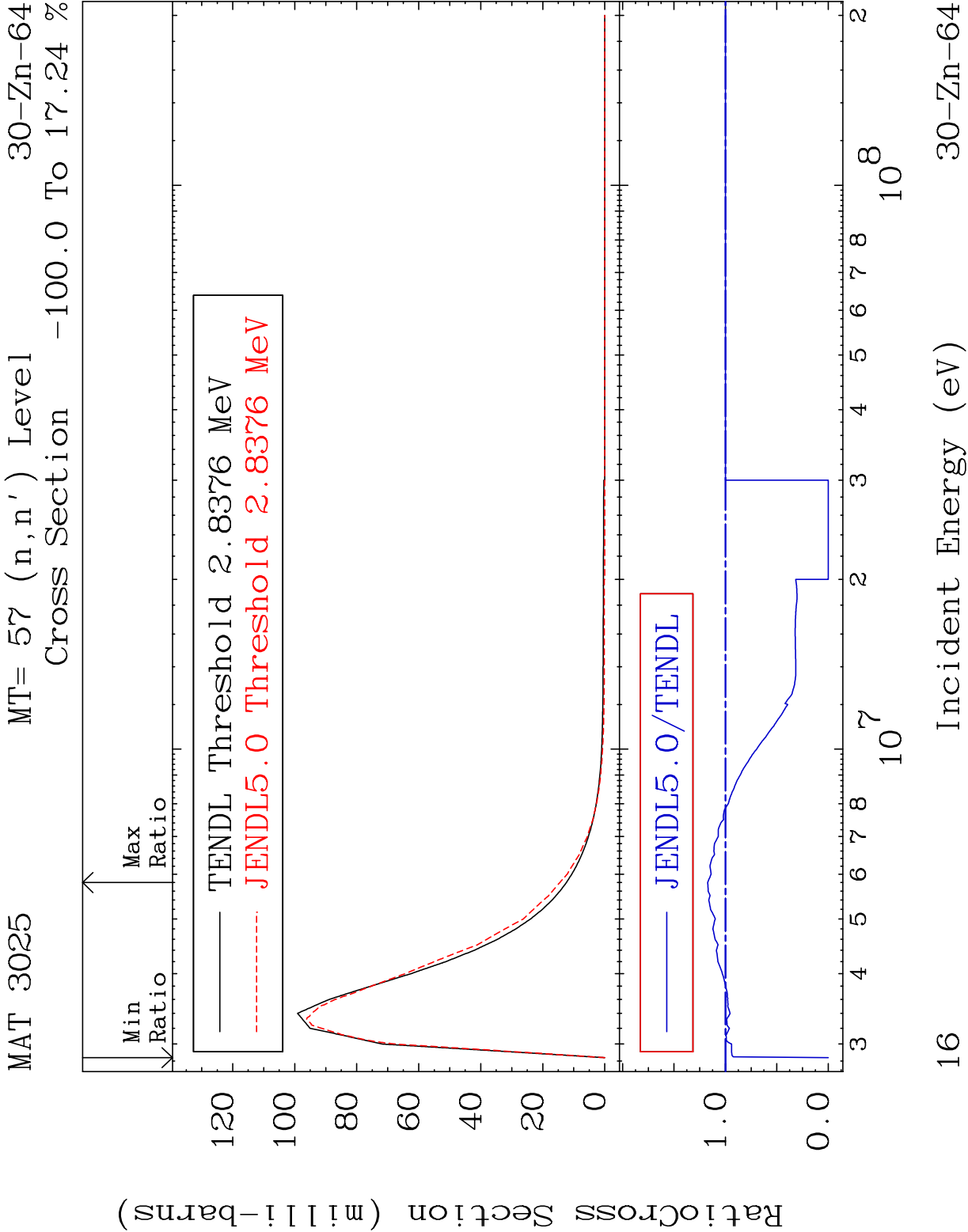
MAT 3025

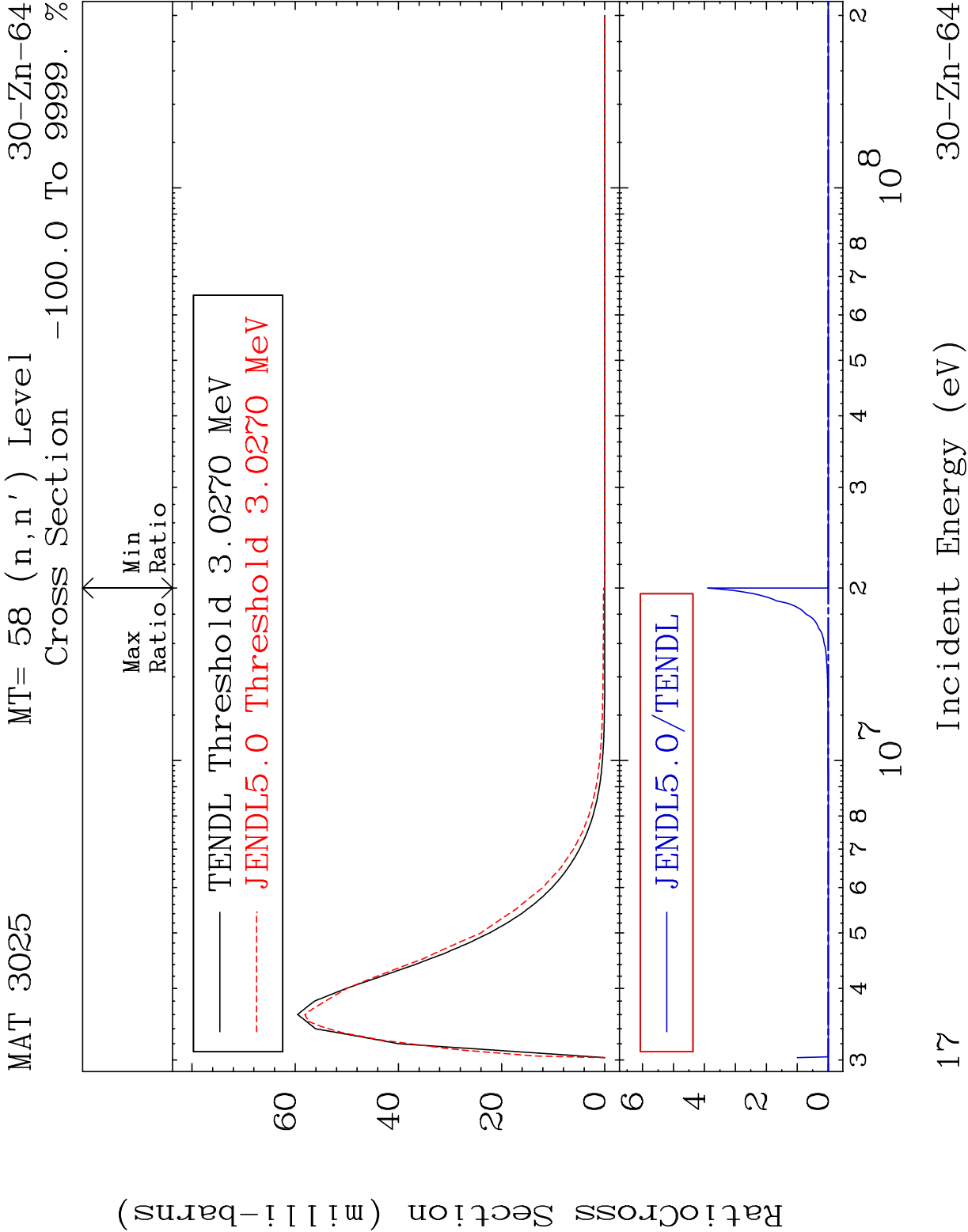
MT= 56 (n, n') Level

30-Zn-64

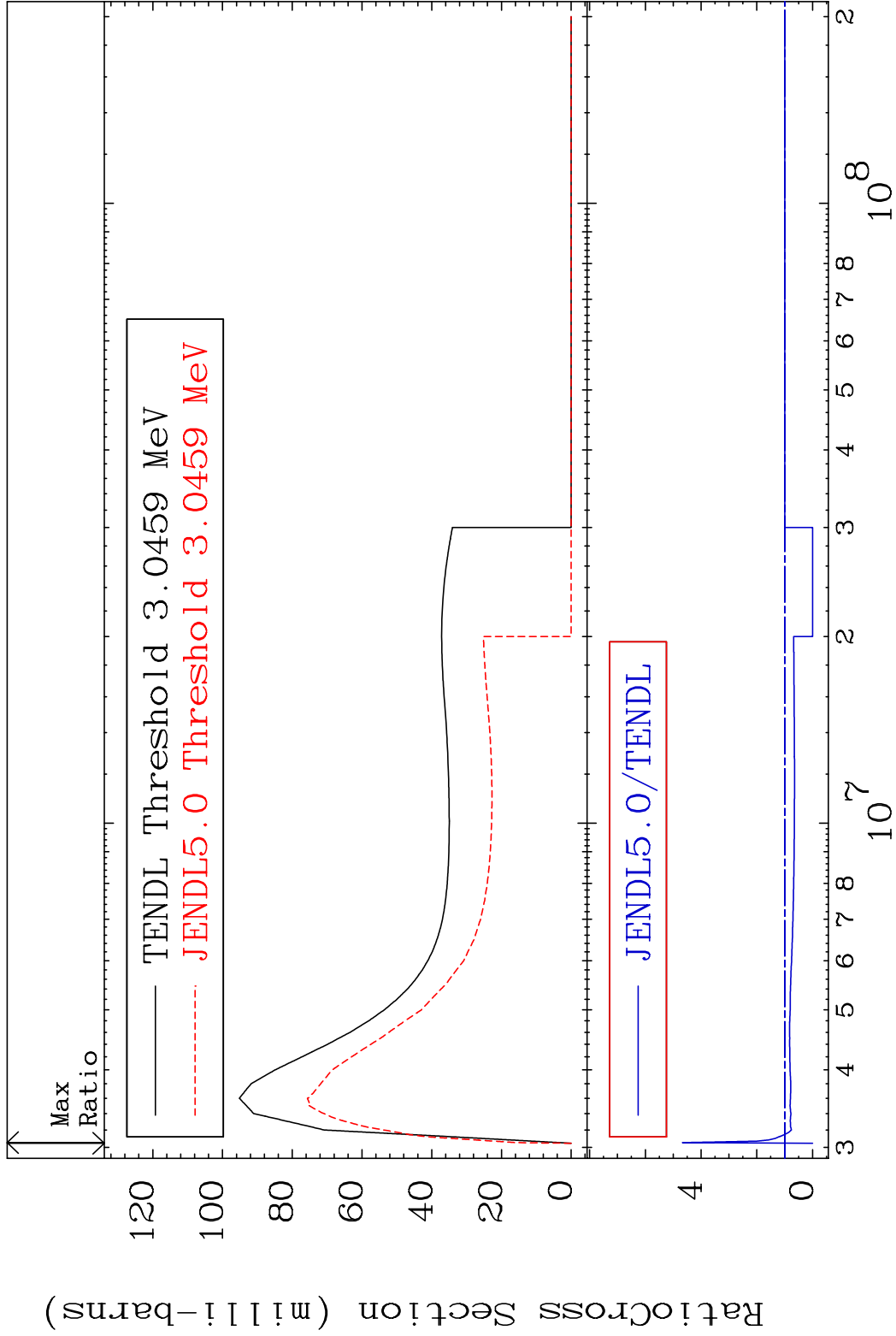
Cross Section -100.0 To 3.208 %



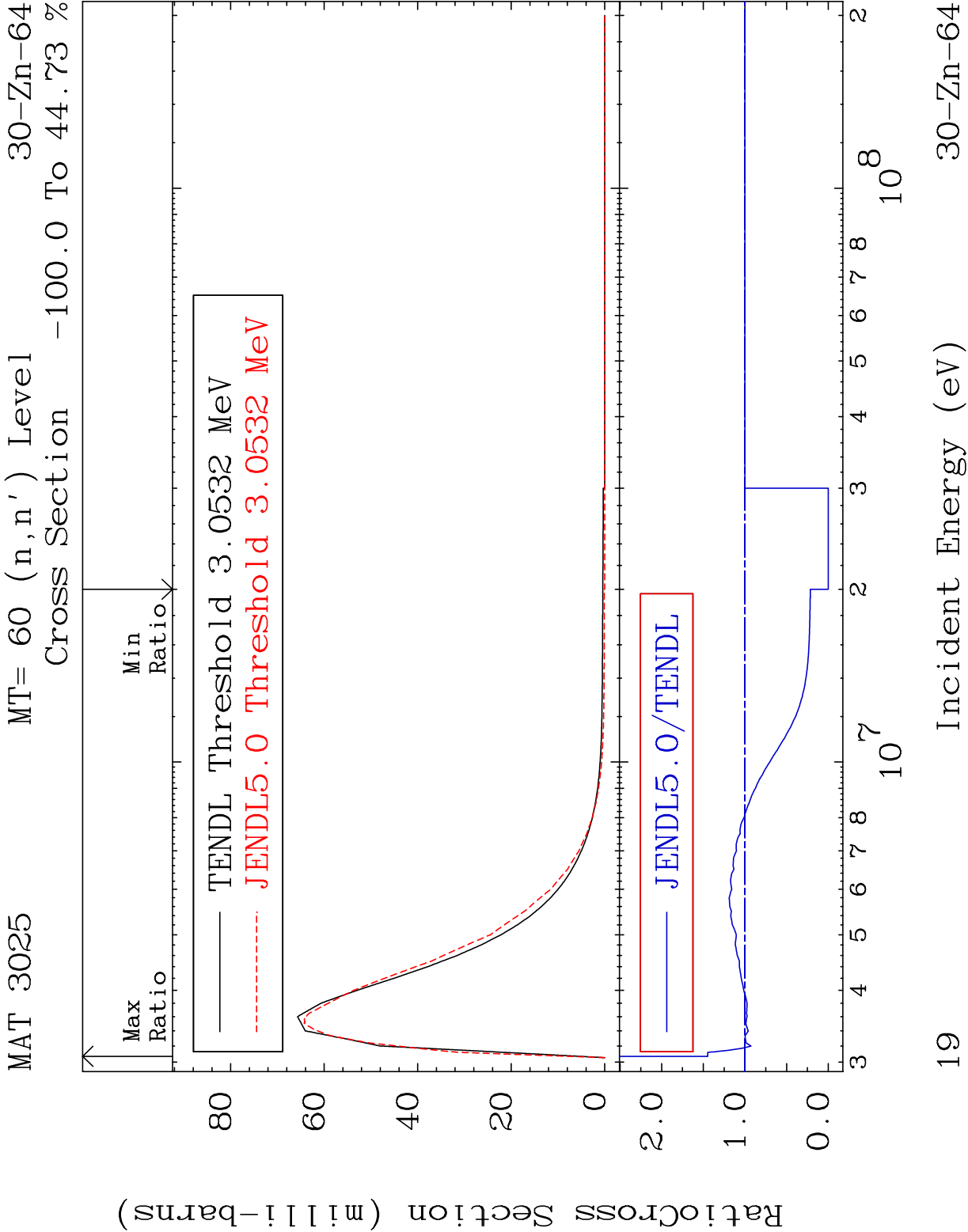


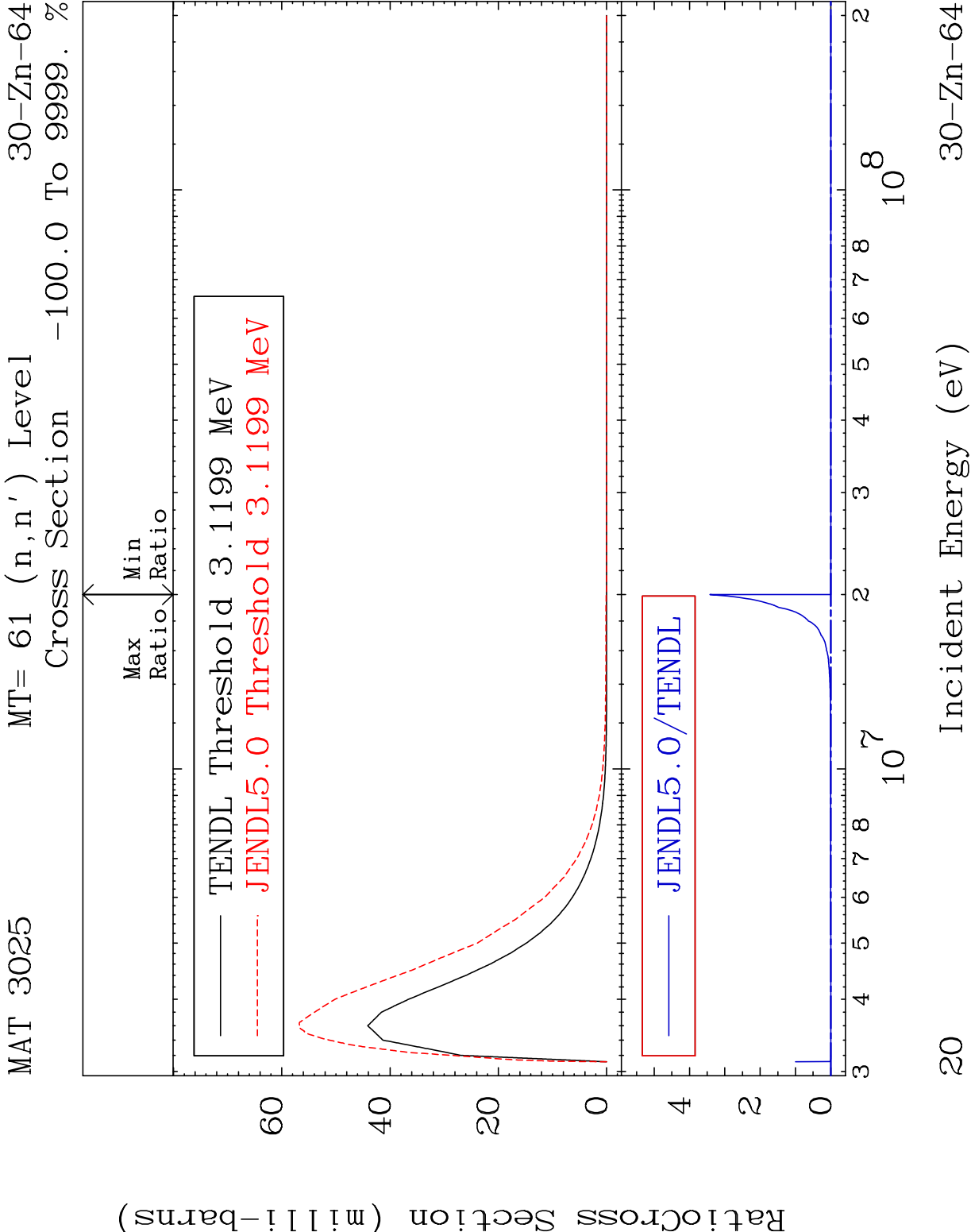


MAT 3025 MT= 59 (n,n') Level 30-Zn-64
Cross Section -100.0 To 367.2 %

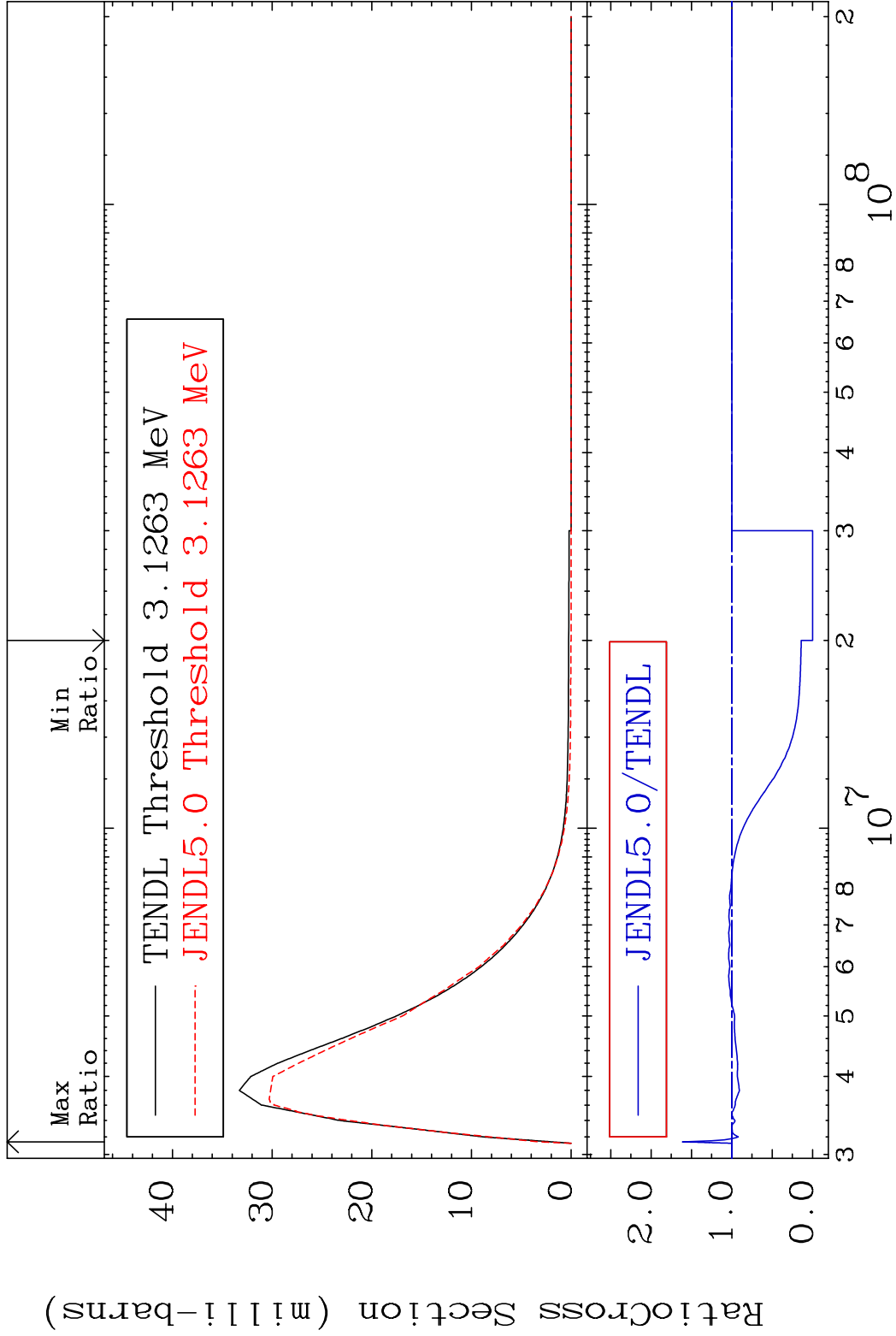


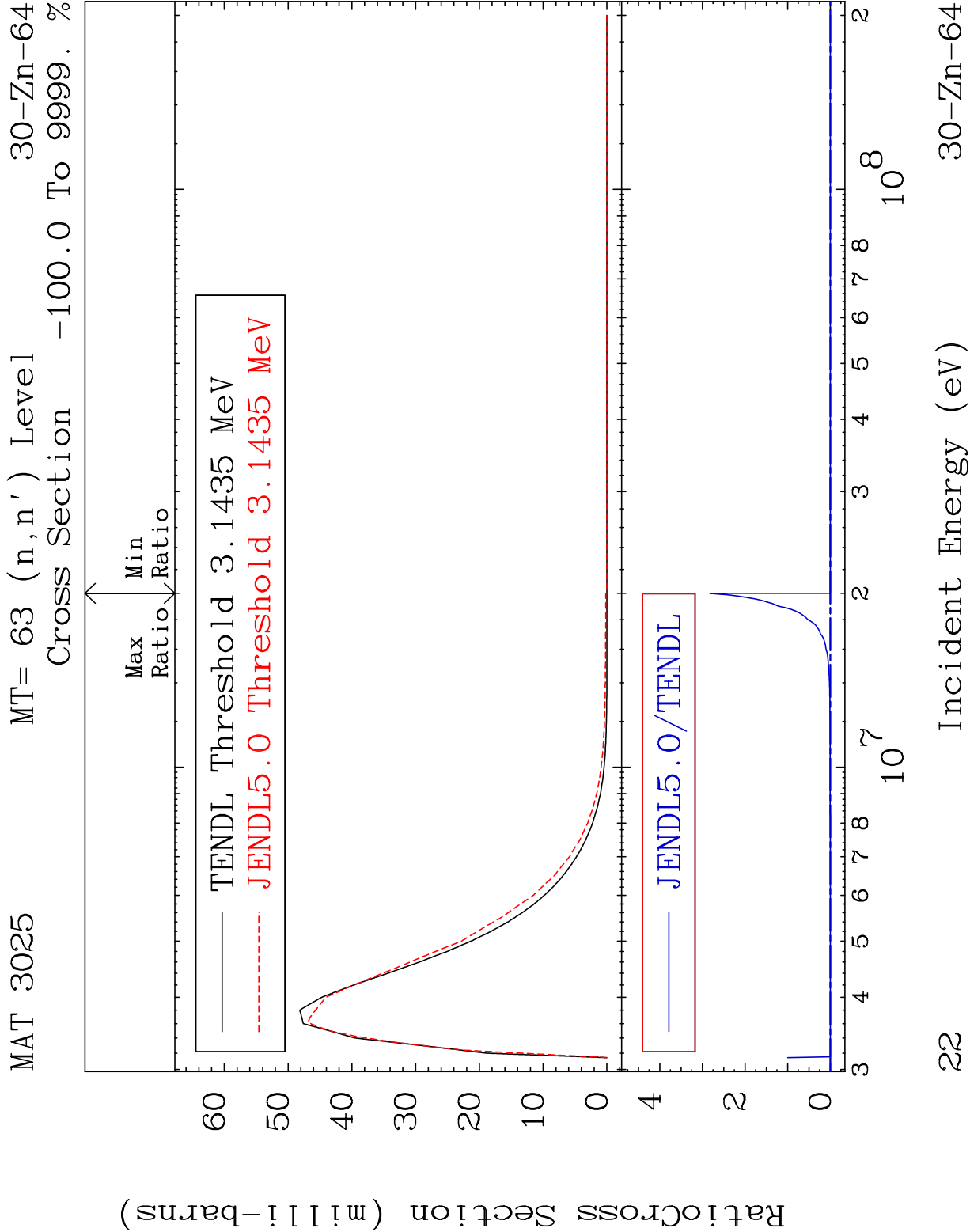
18 Incident Energy (eV) 30-Zn-64

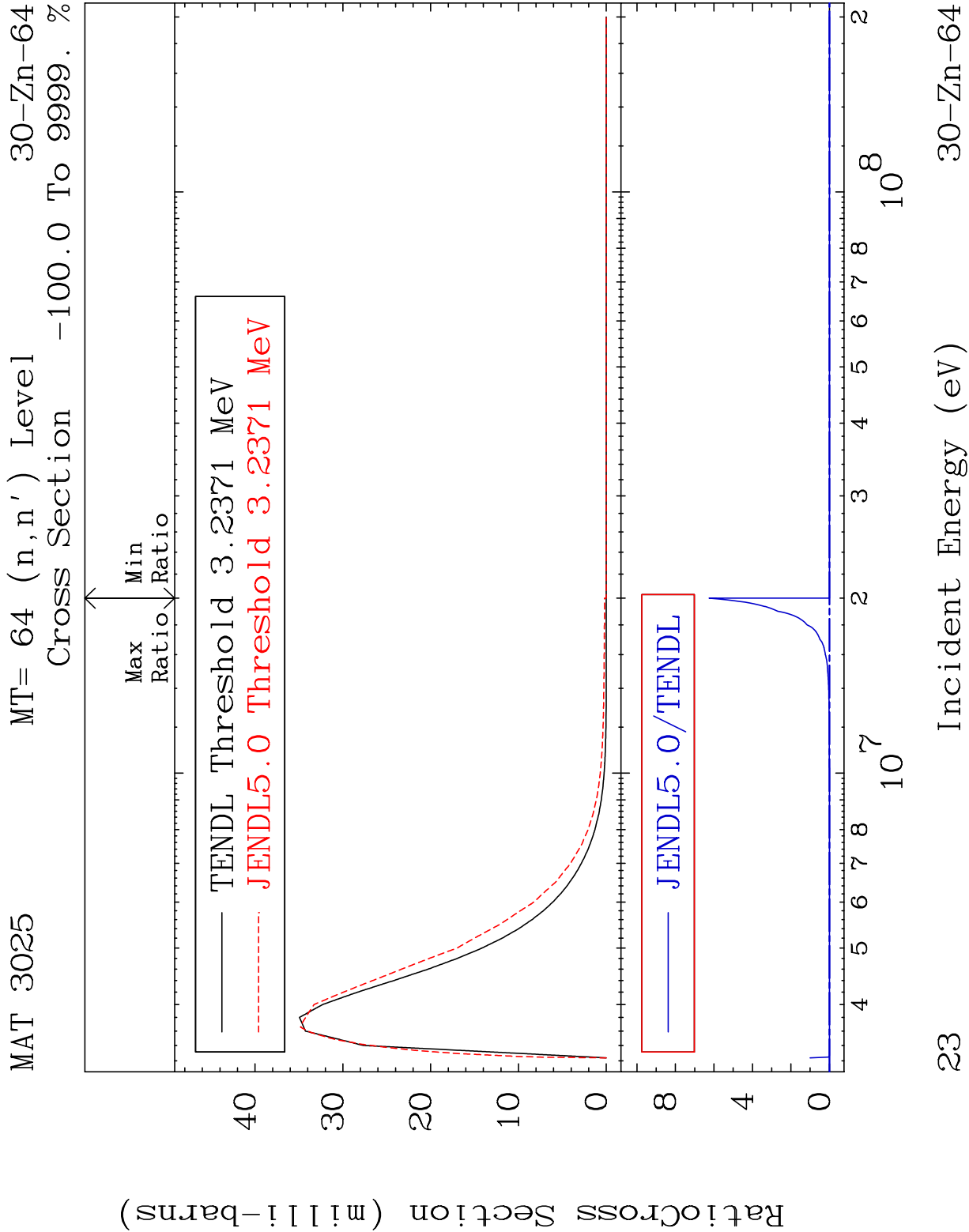


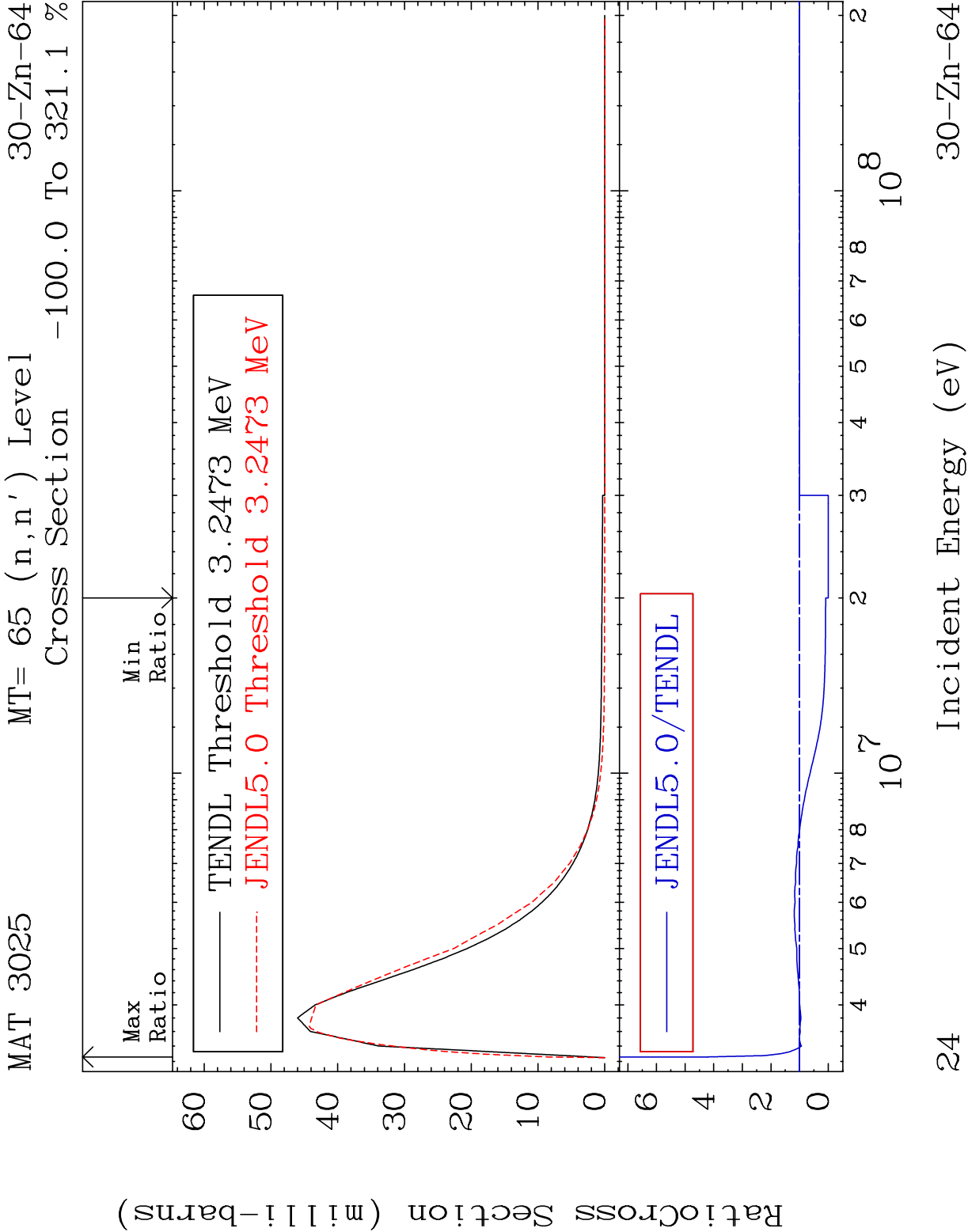


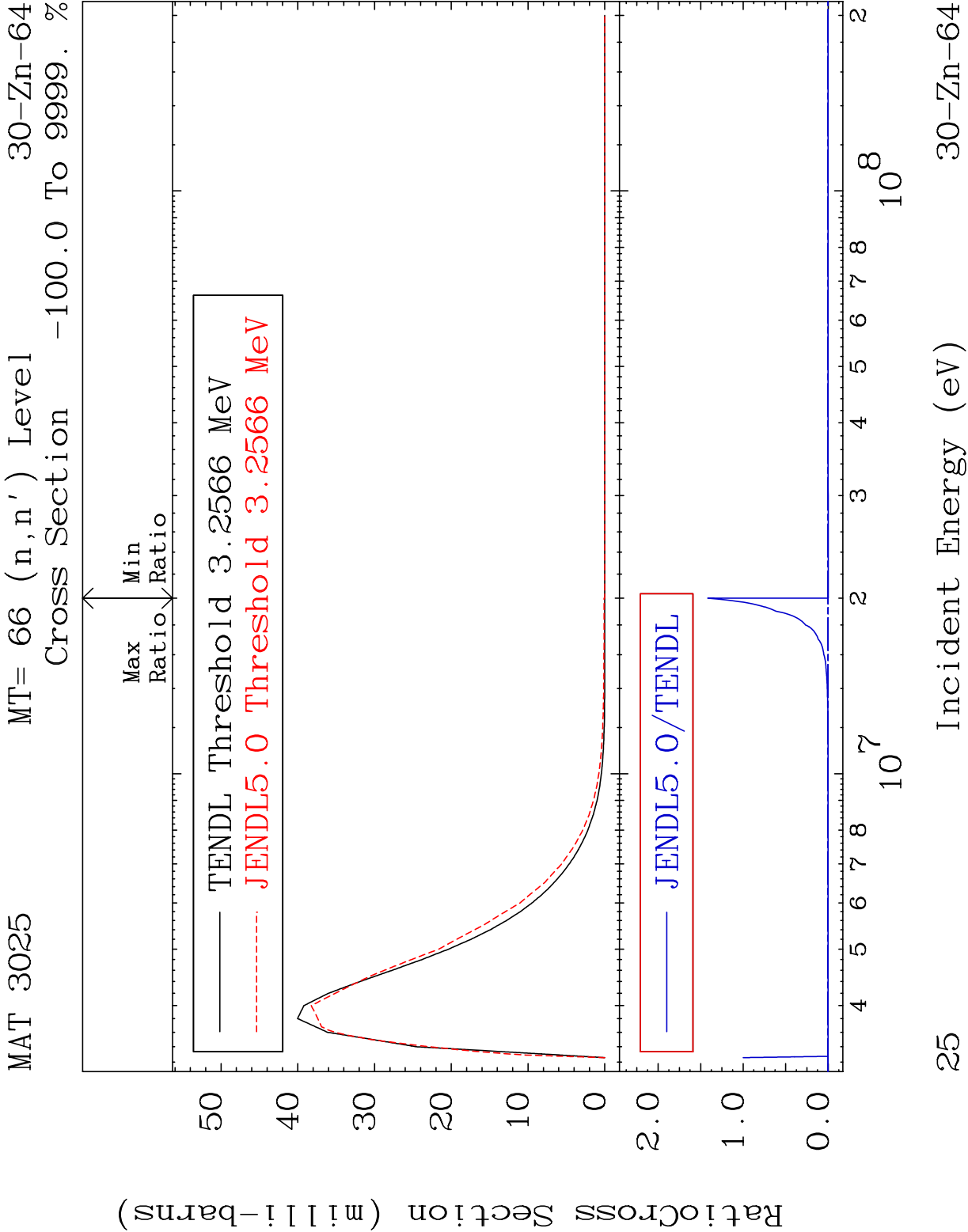
MAT 3025 MT= 62 (n,n') Level 30-Zn-64
Cross Section -100.0 To 61.29 %

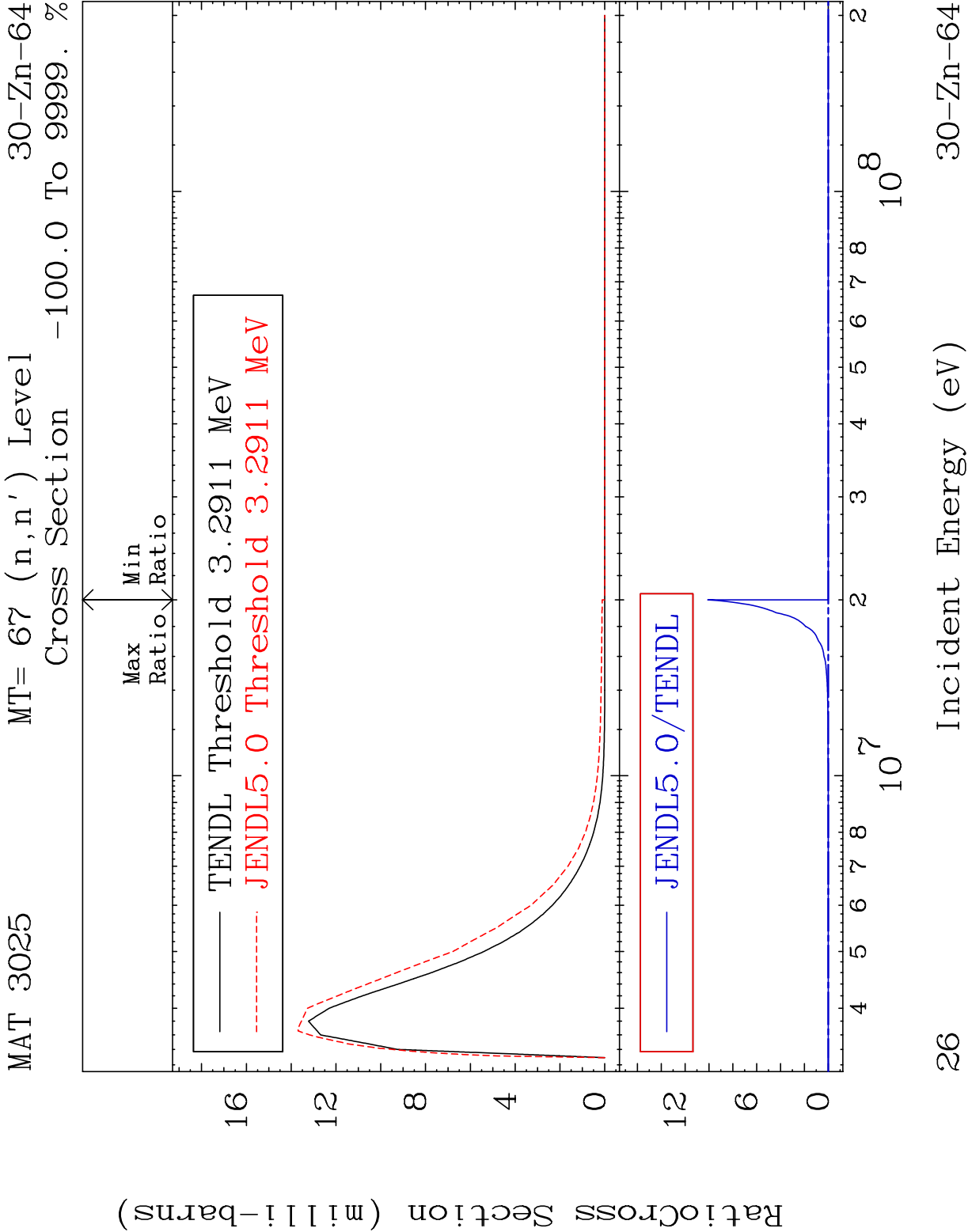


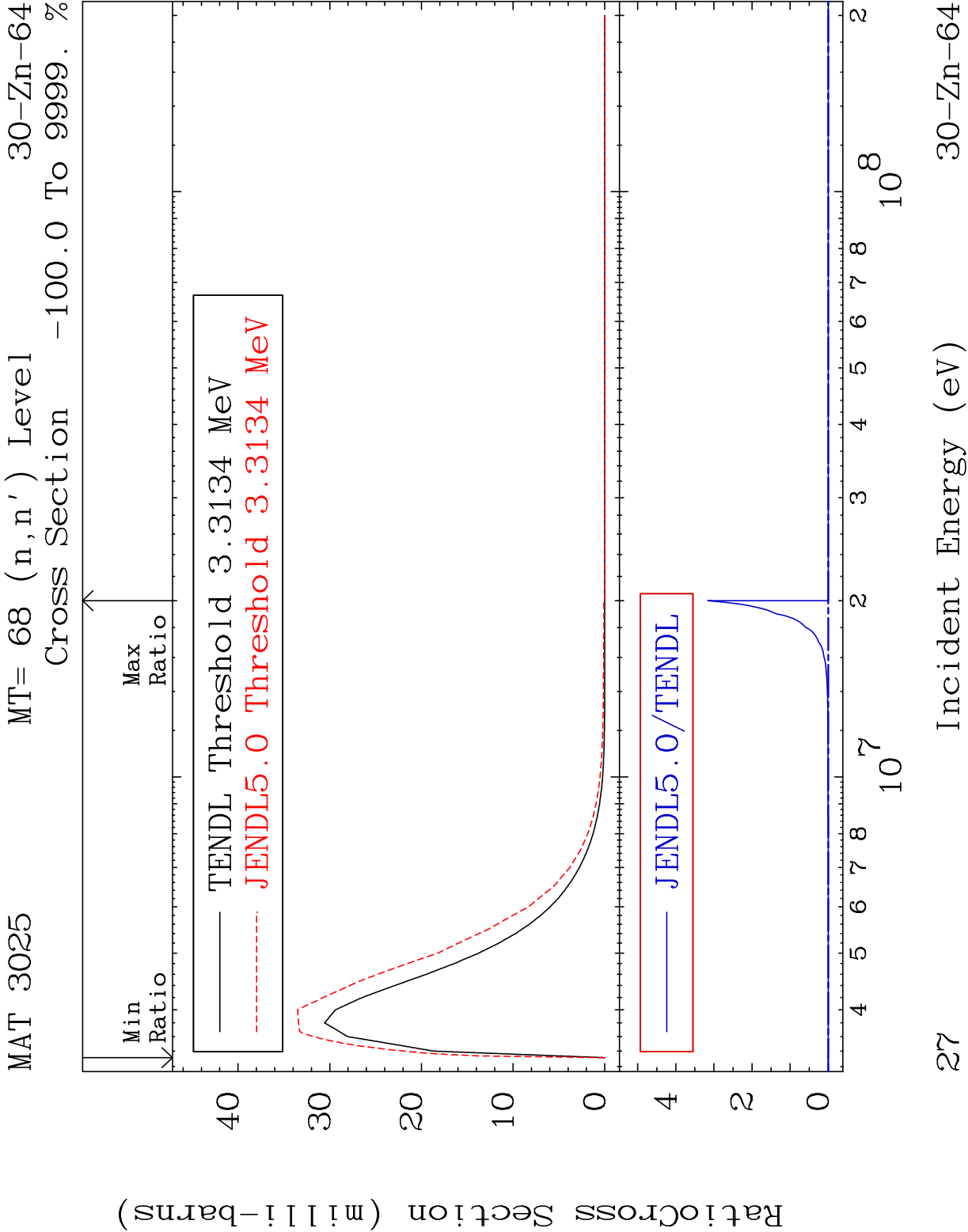


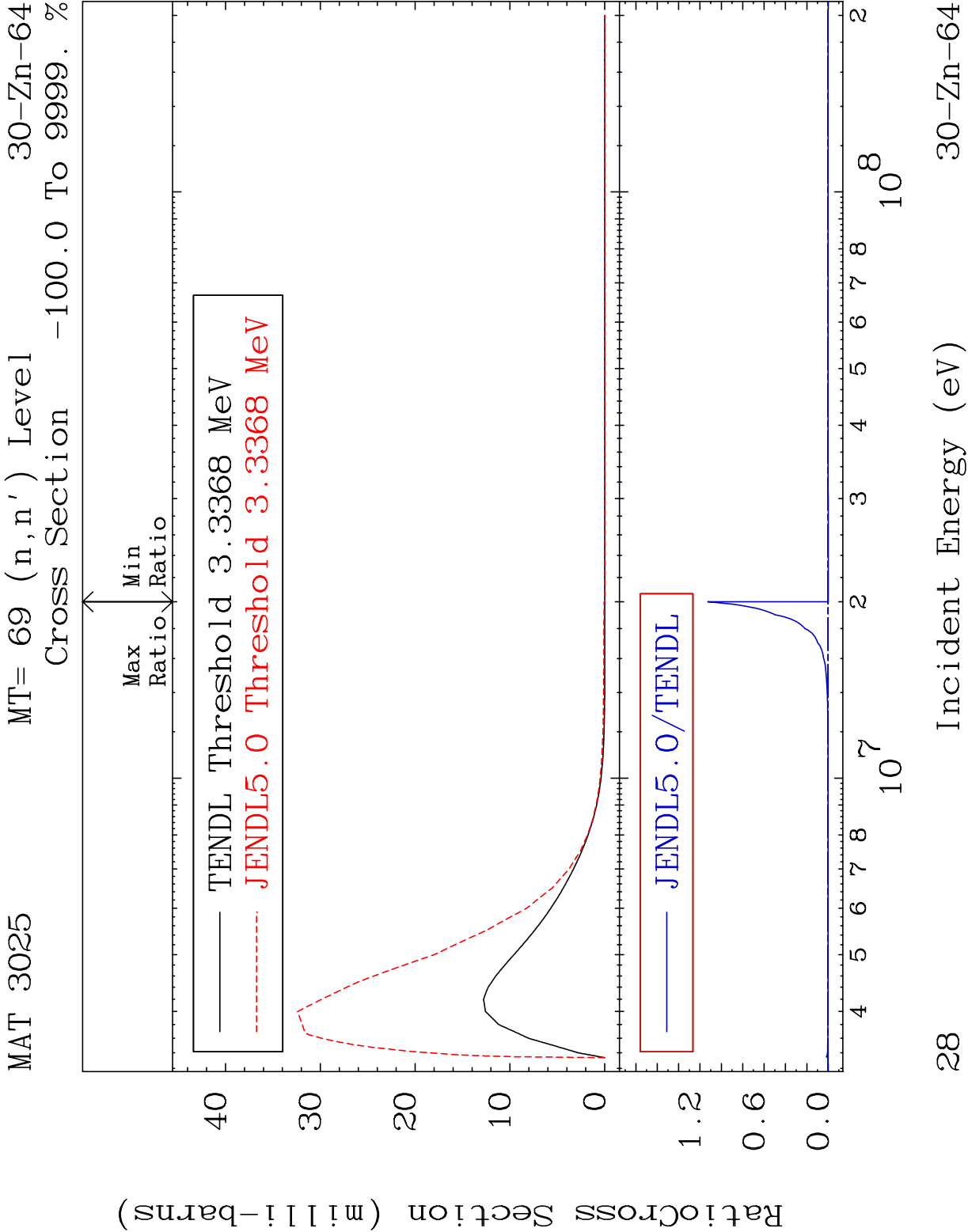




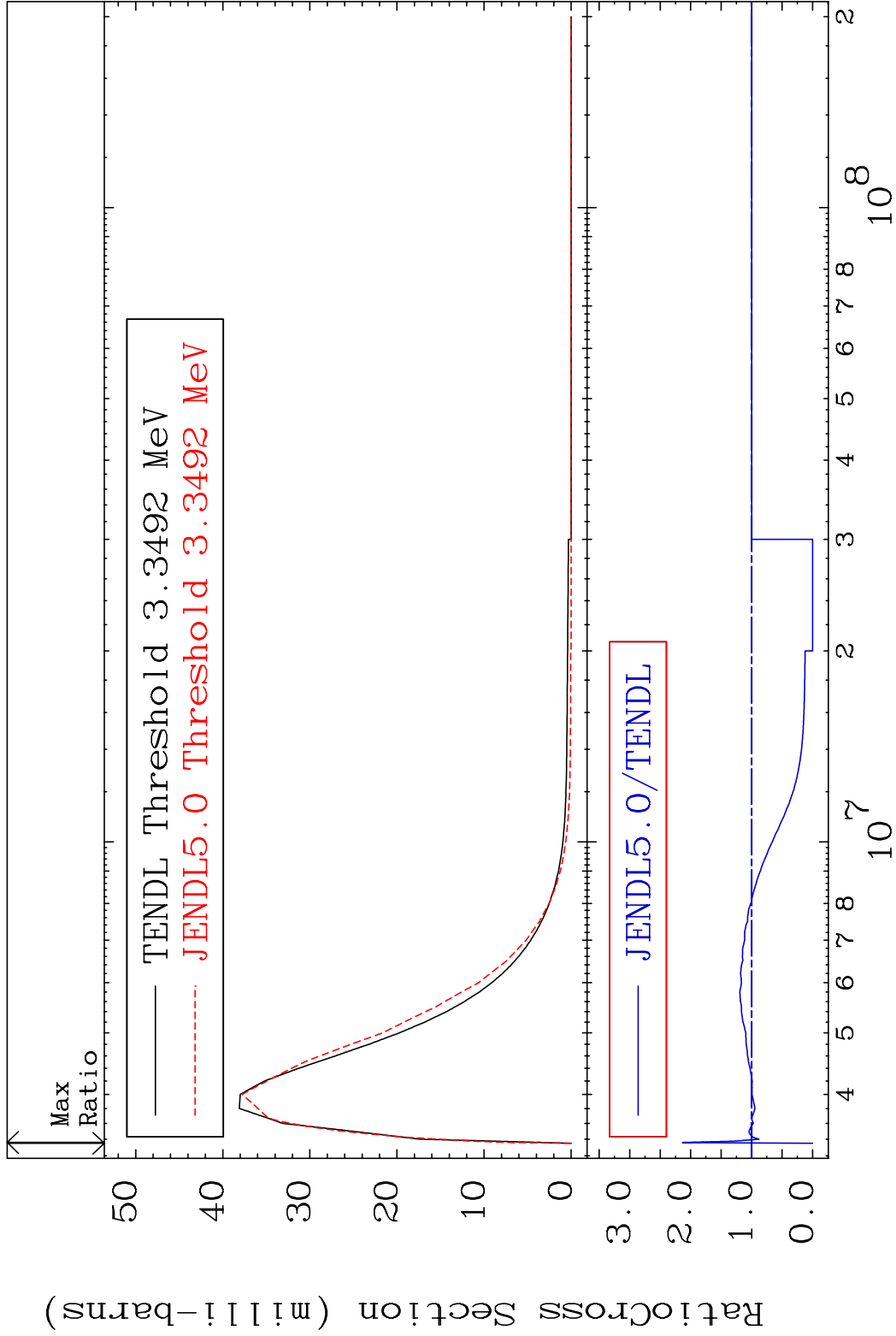




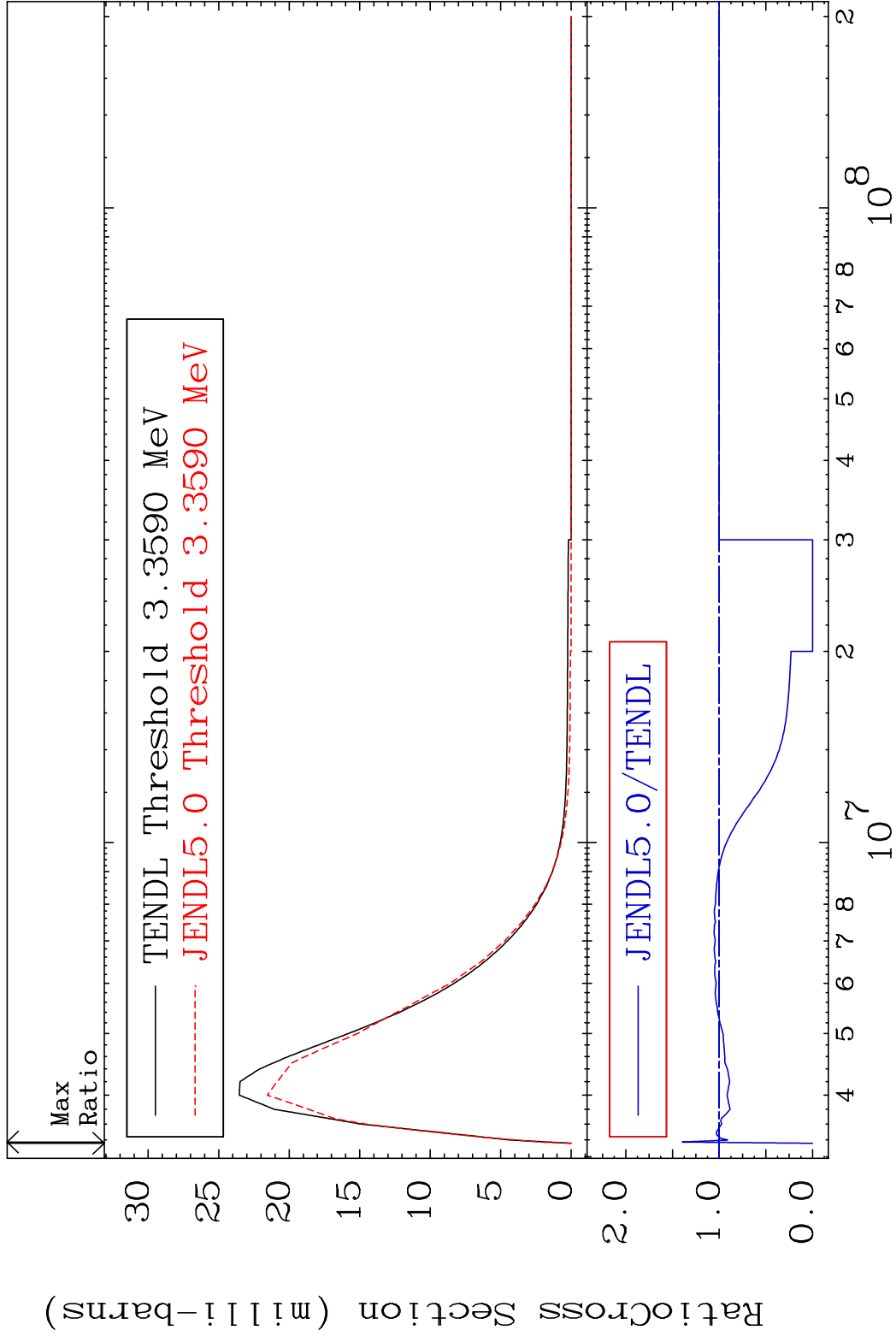




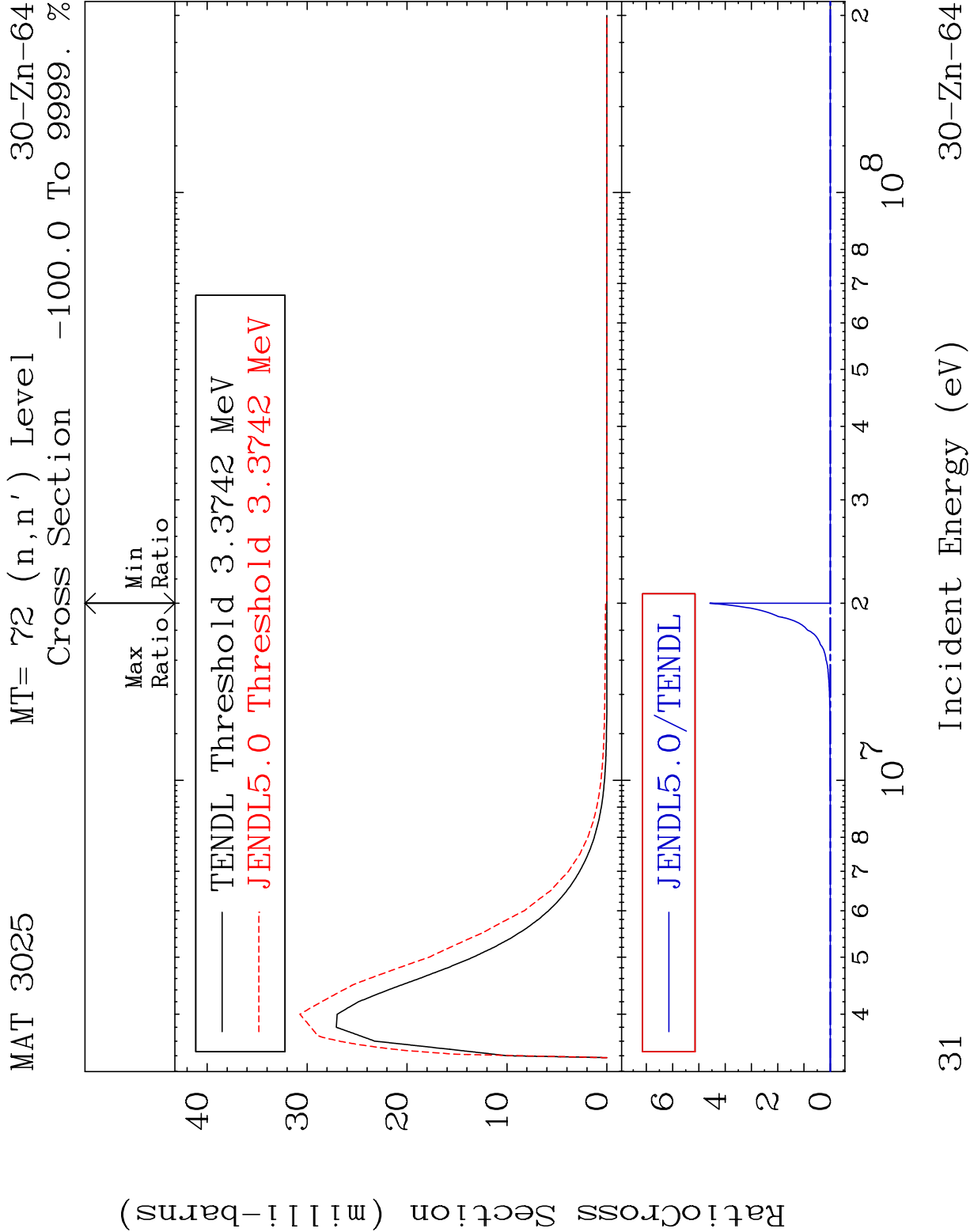
MAT 3025 MT= 70 (n,n') Level 30-Zn-64
Cross Section -100.0 To 113.6 %

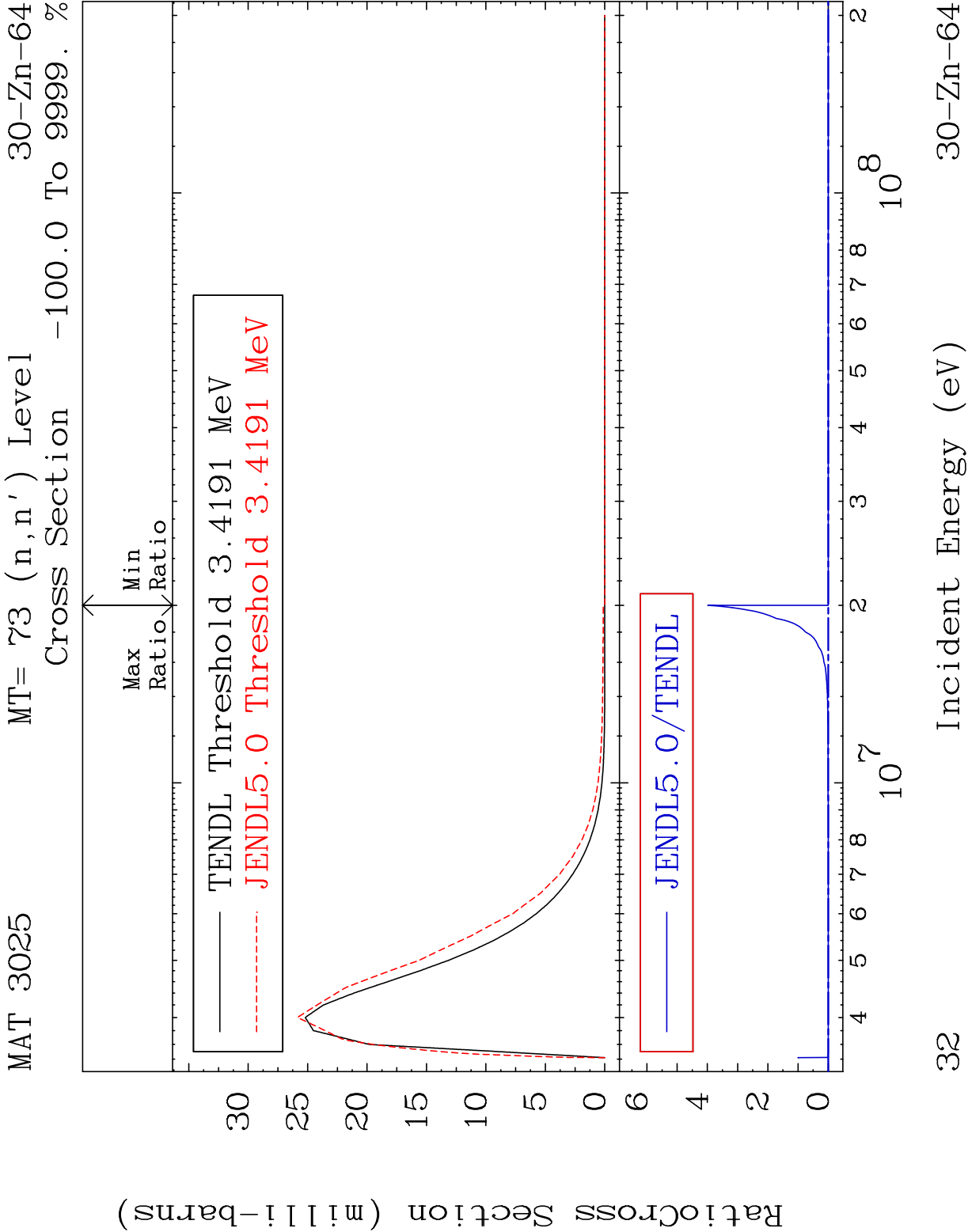


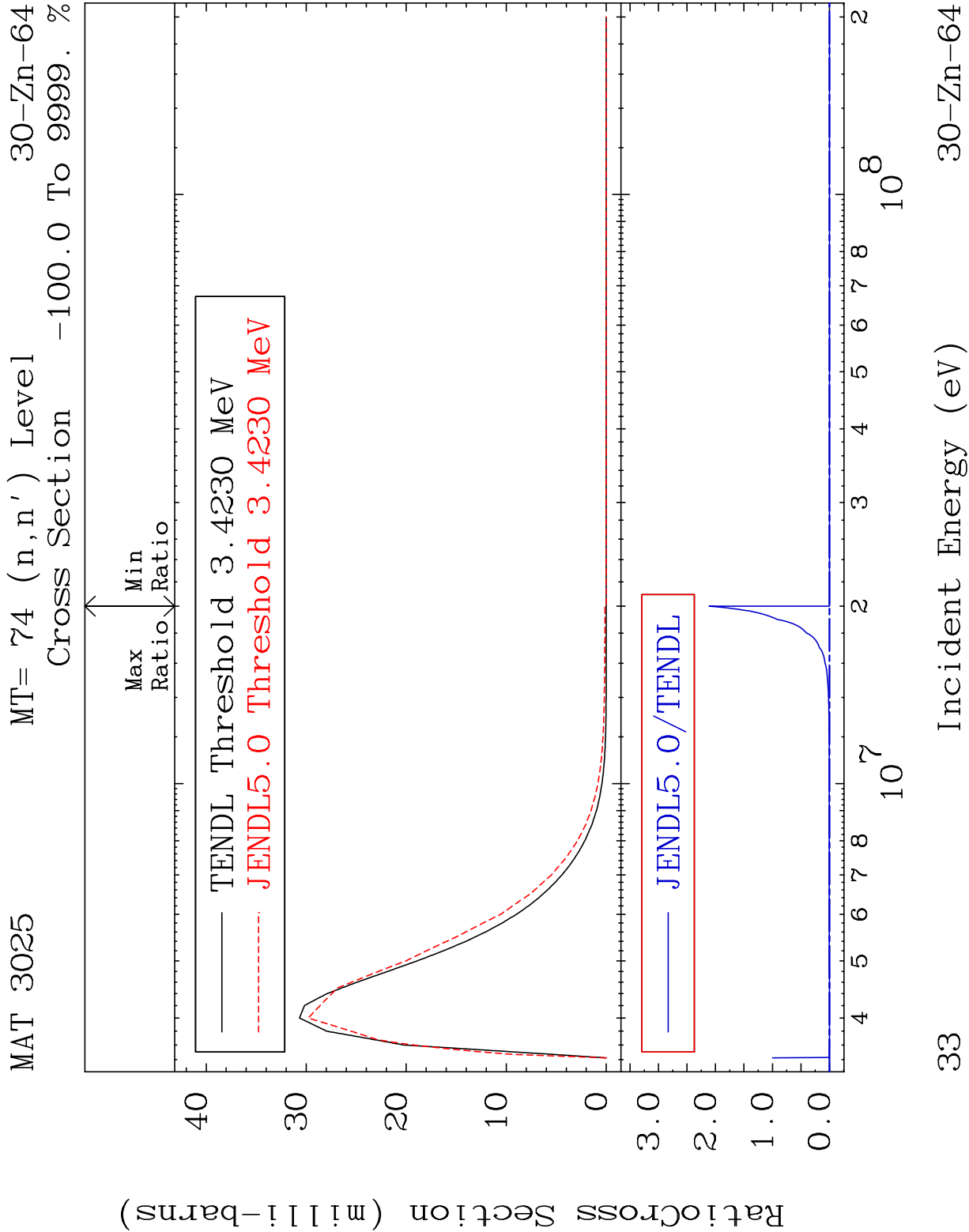
MAT 3025 MT= 71 (n,n') Level 30-Zn-64
Cross Section -100.0 To 39.45 %

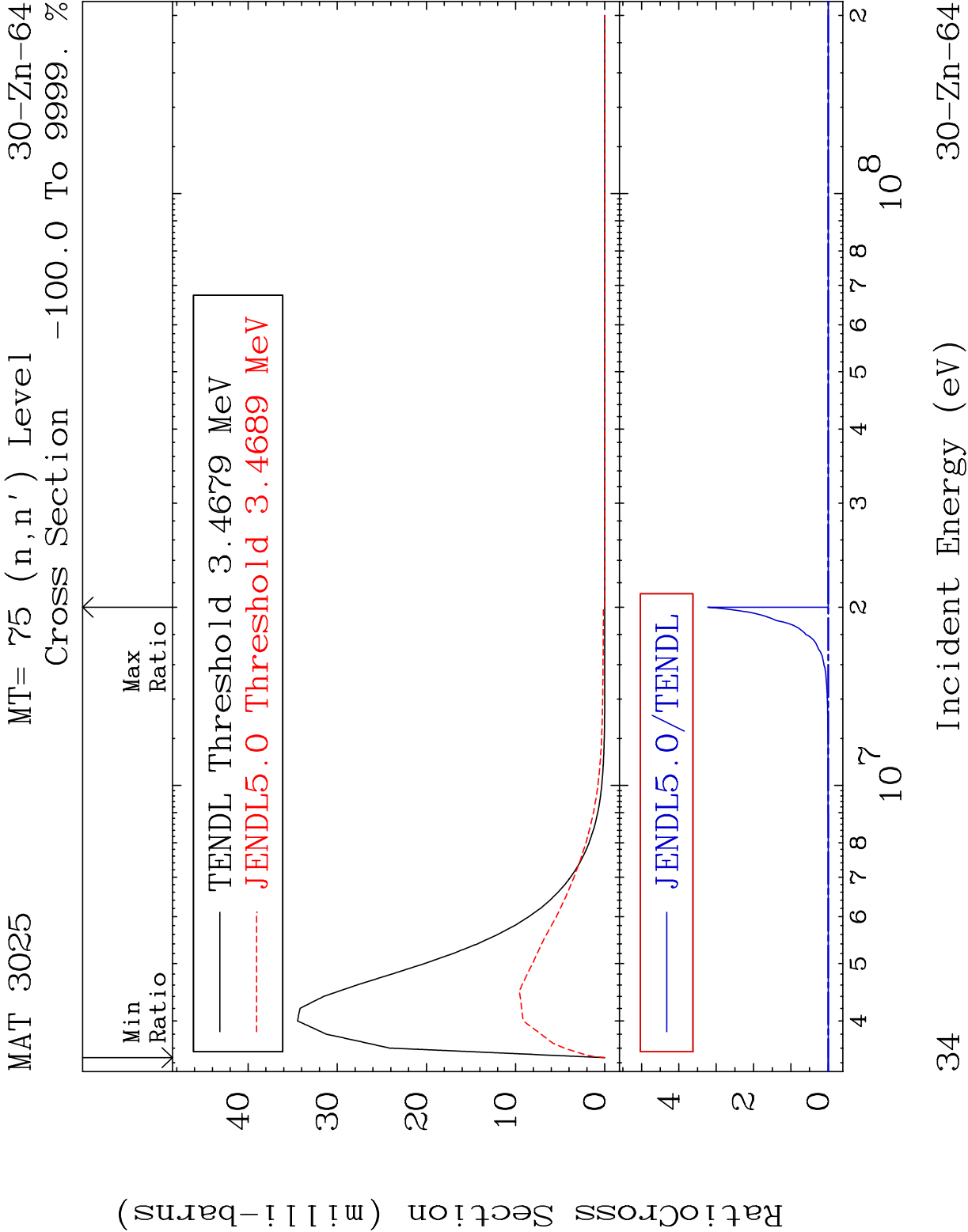


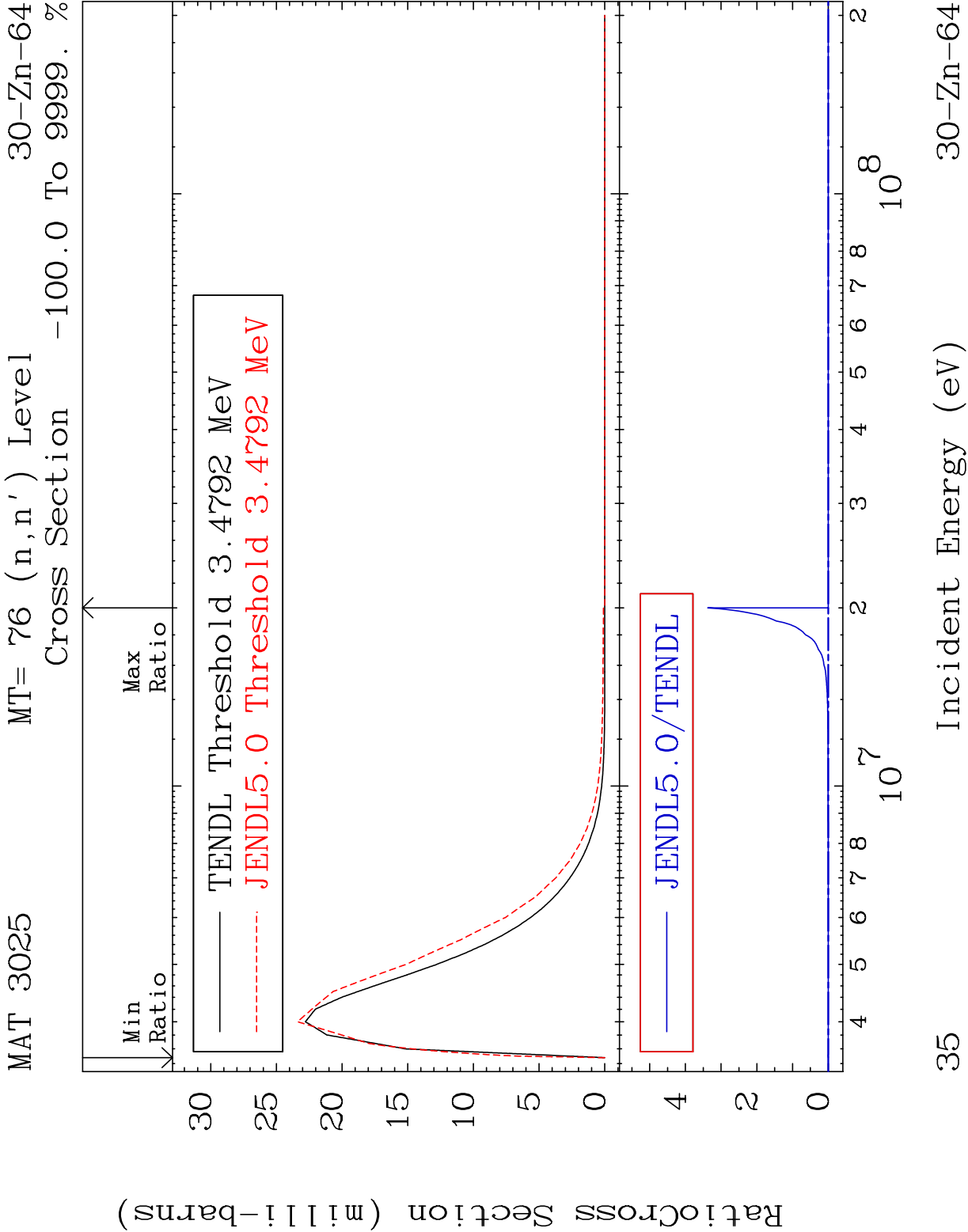
30 Incident Energy (eV) 30-Zn-64

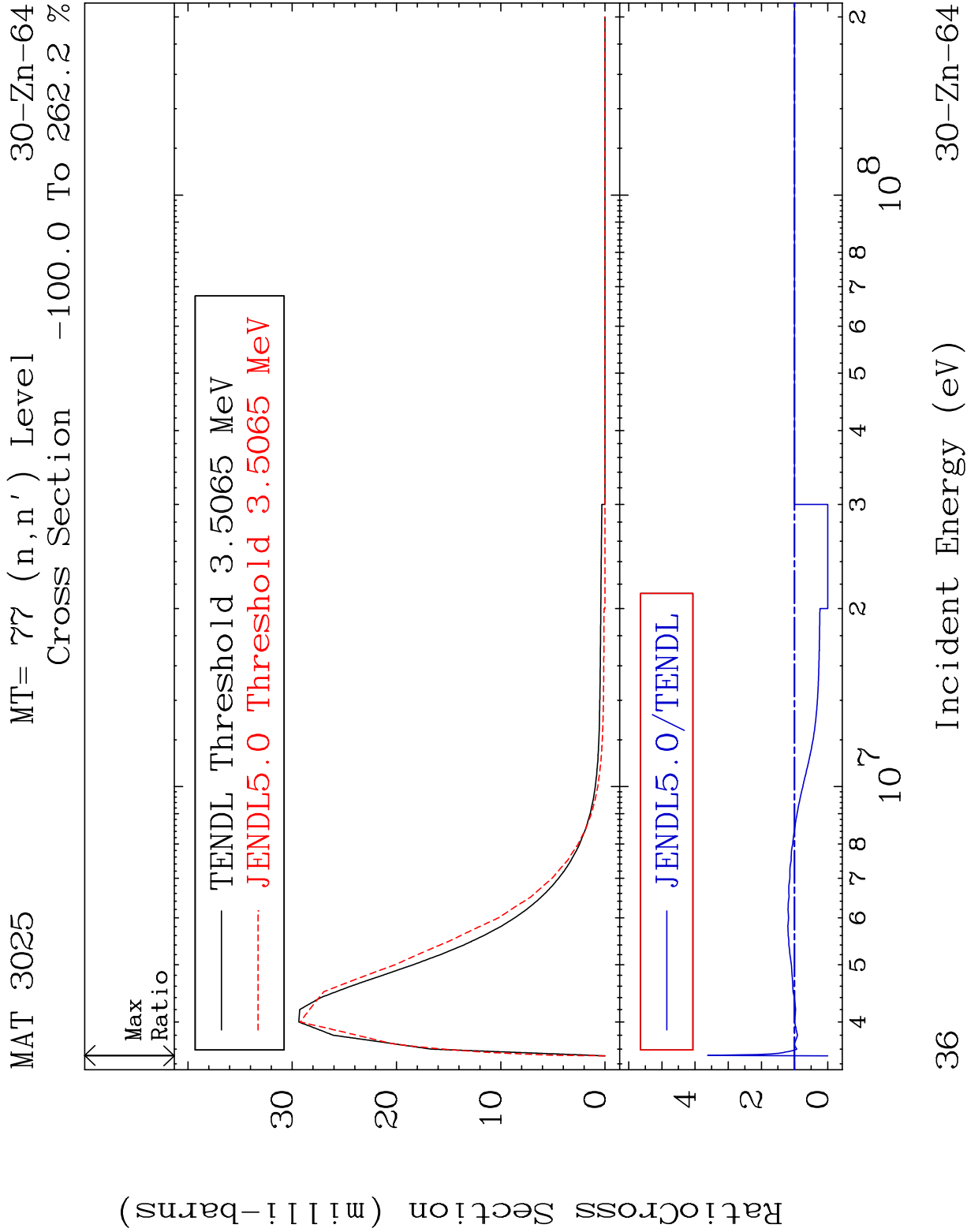


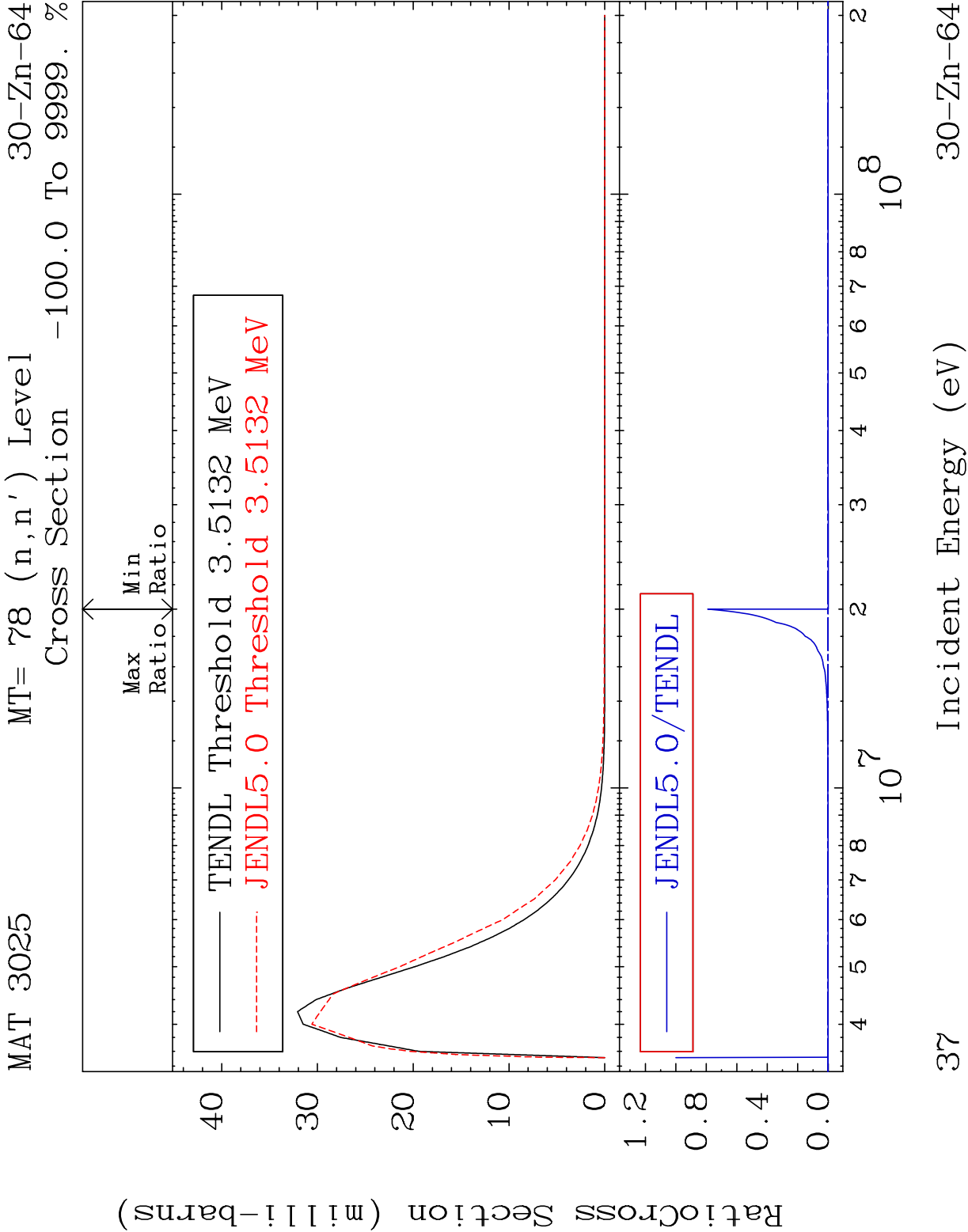


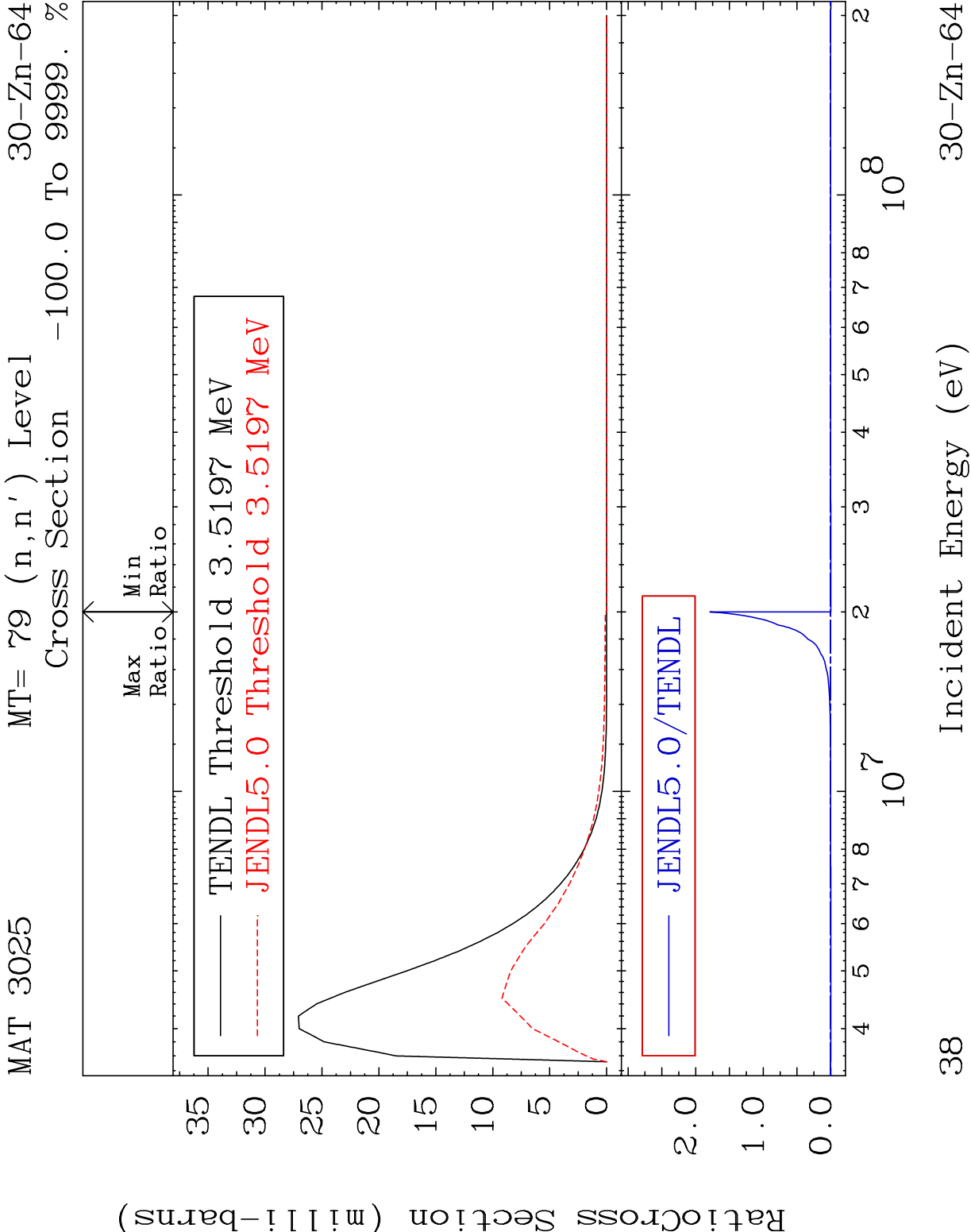


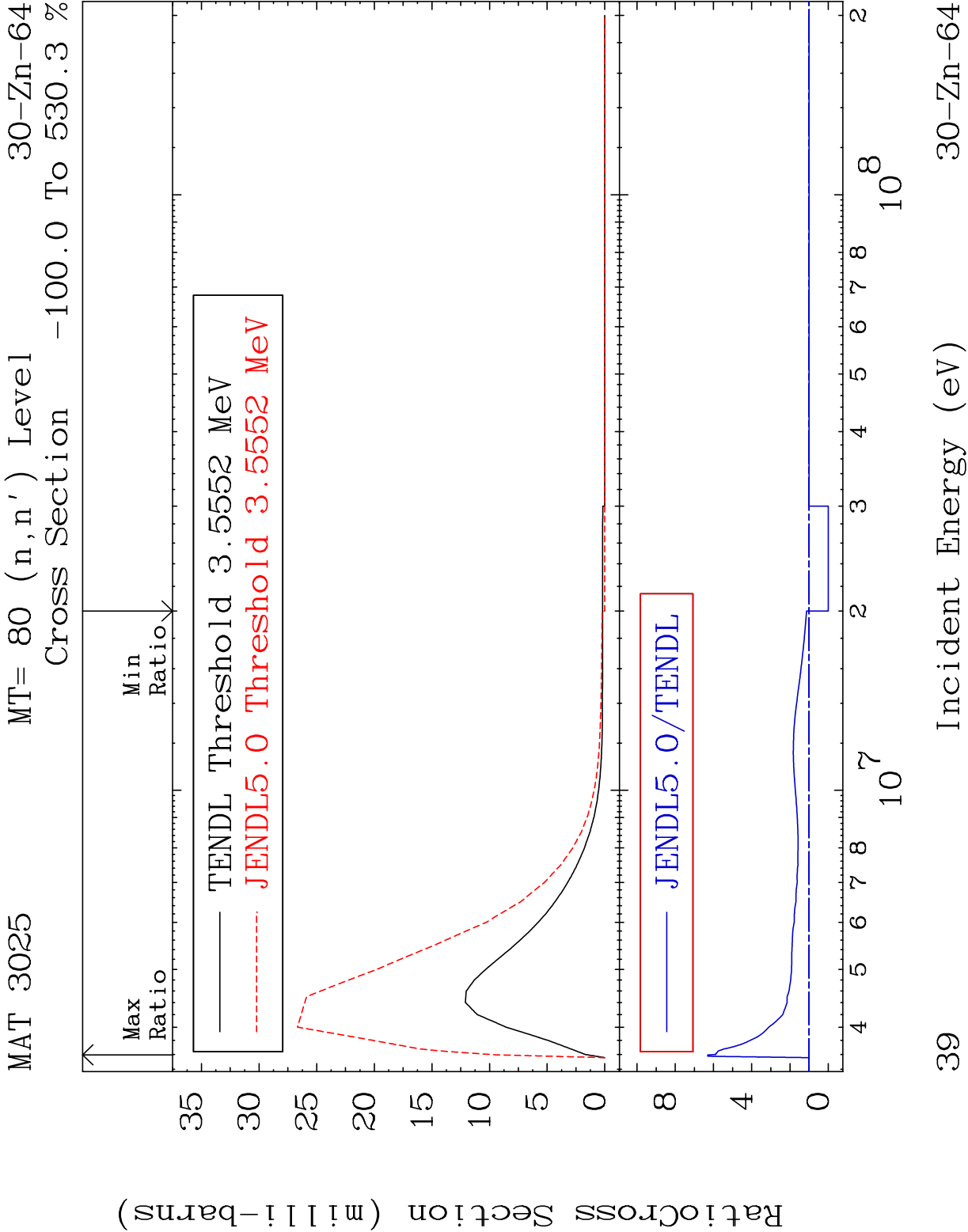


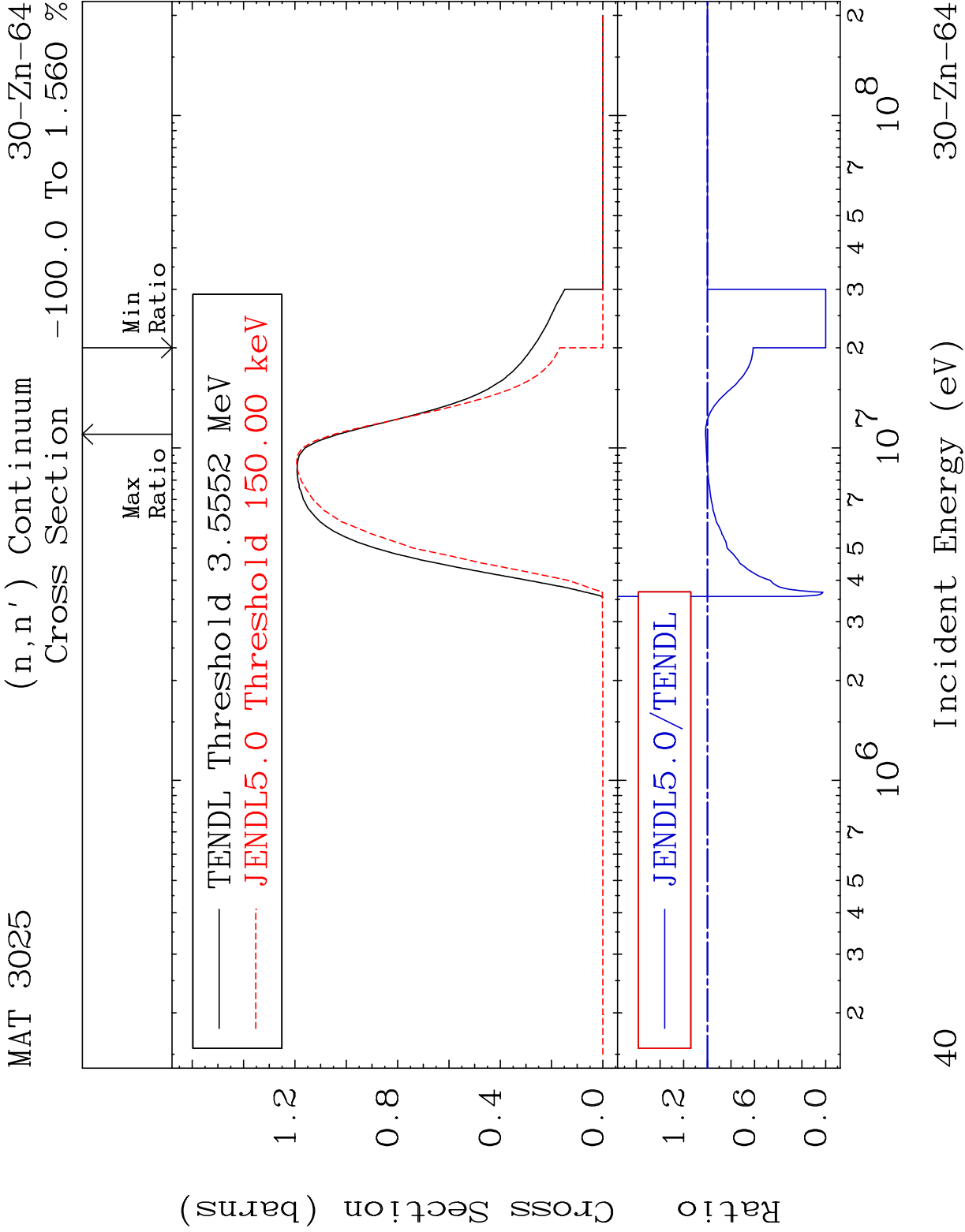


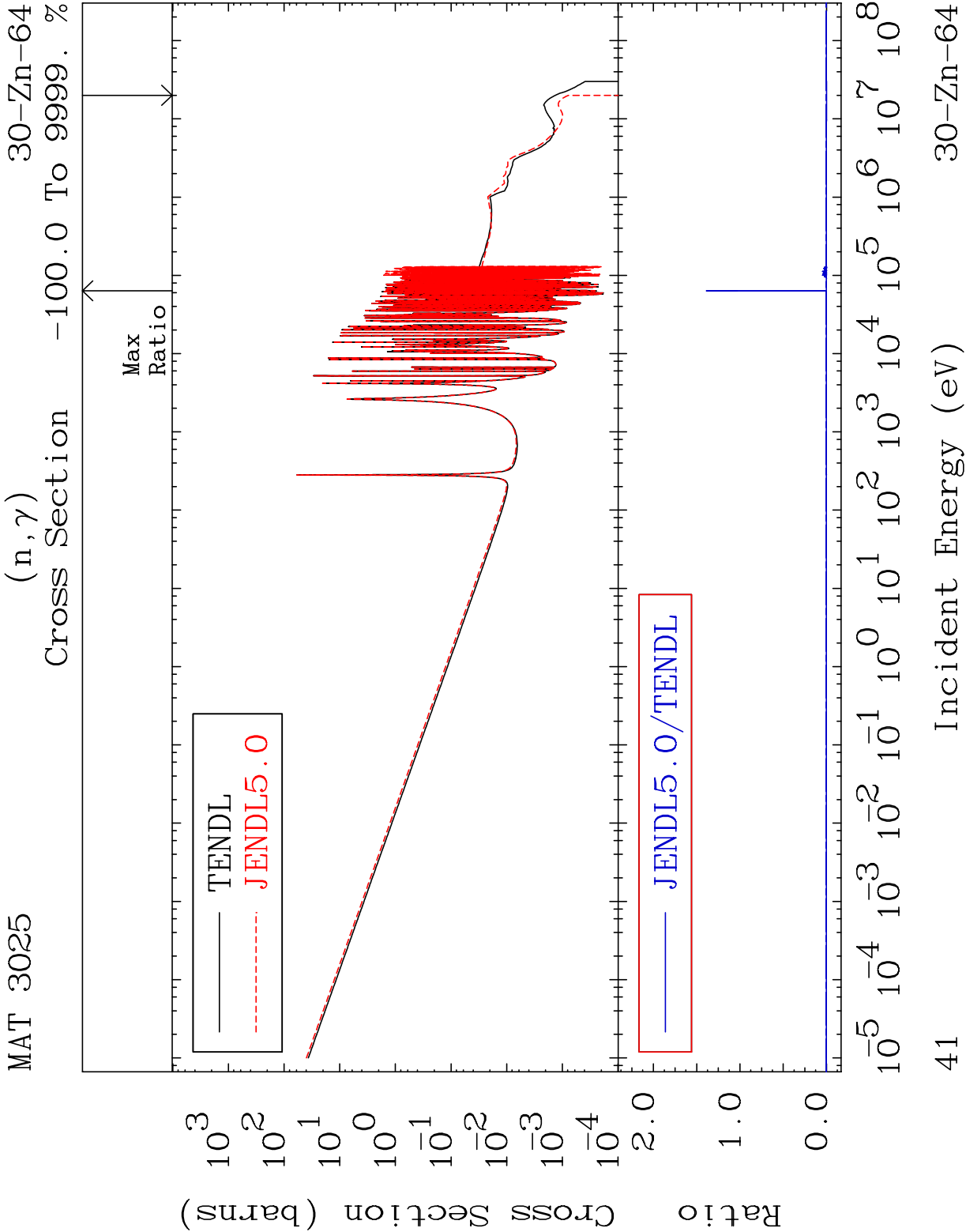


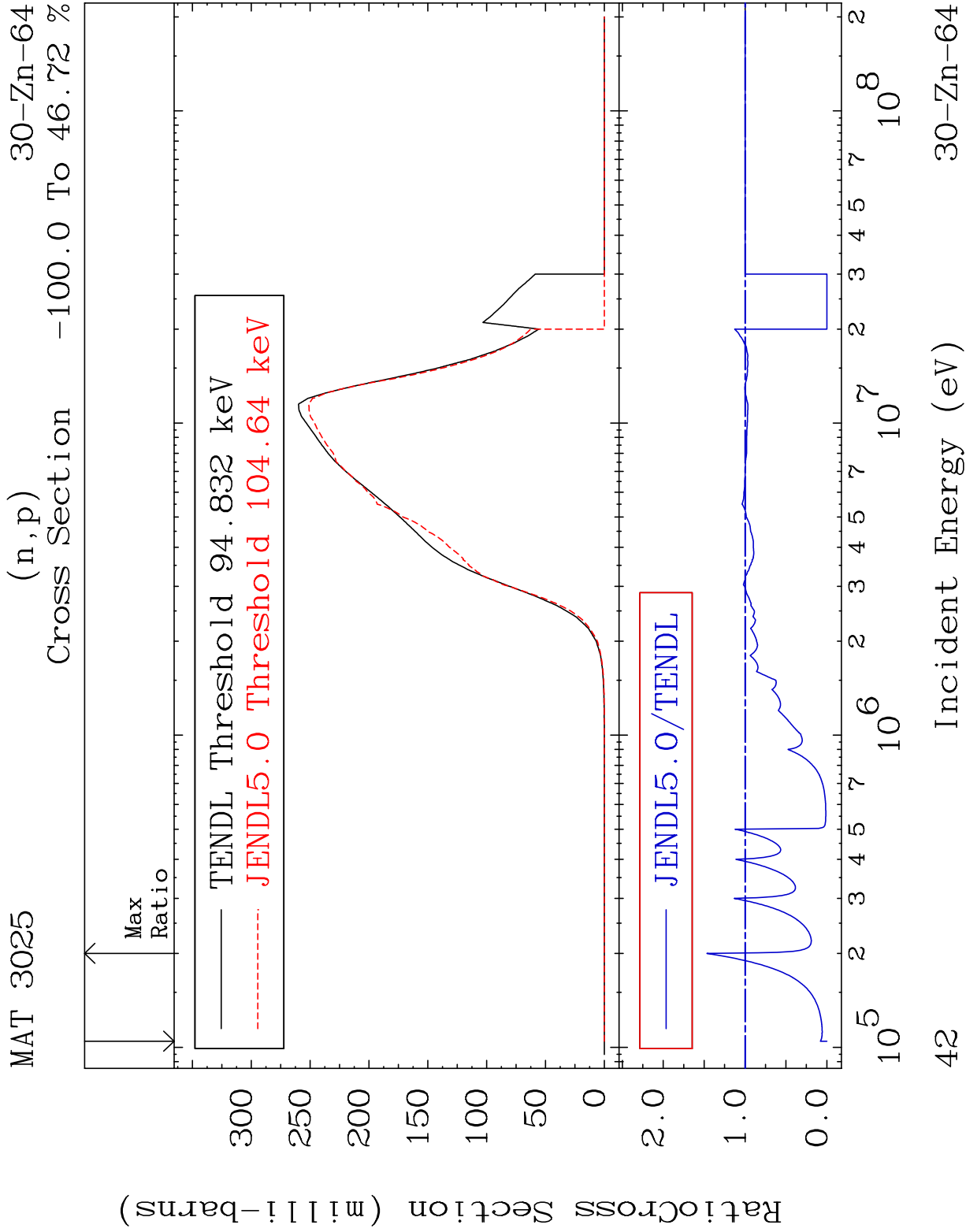


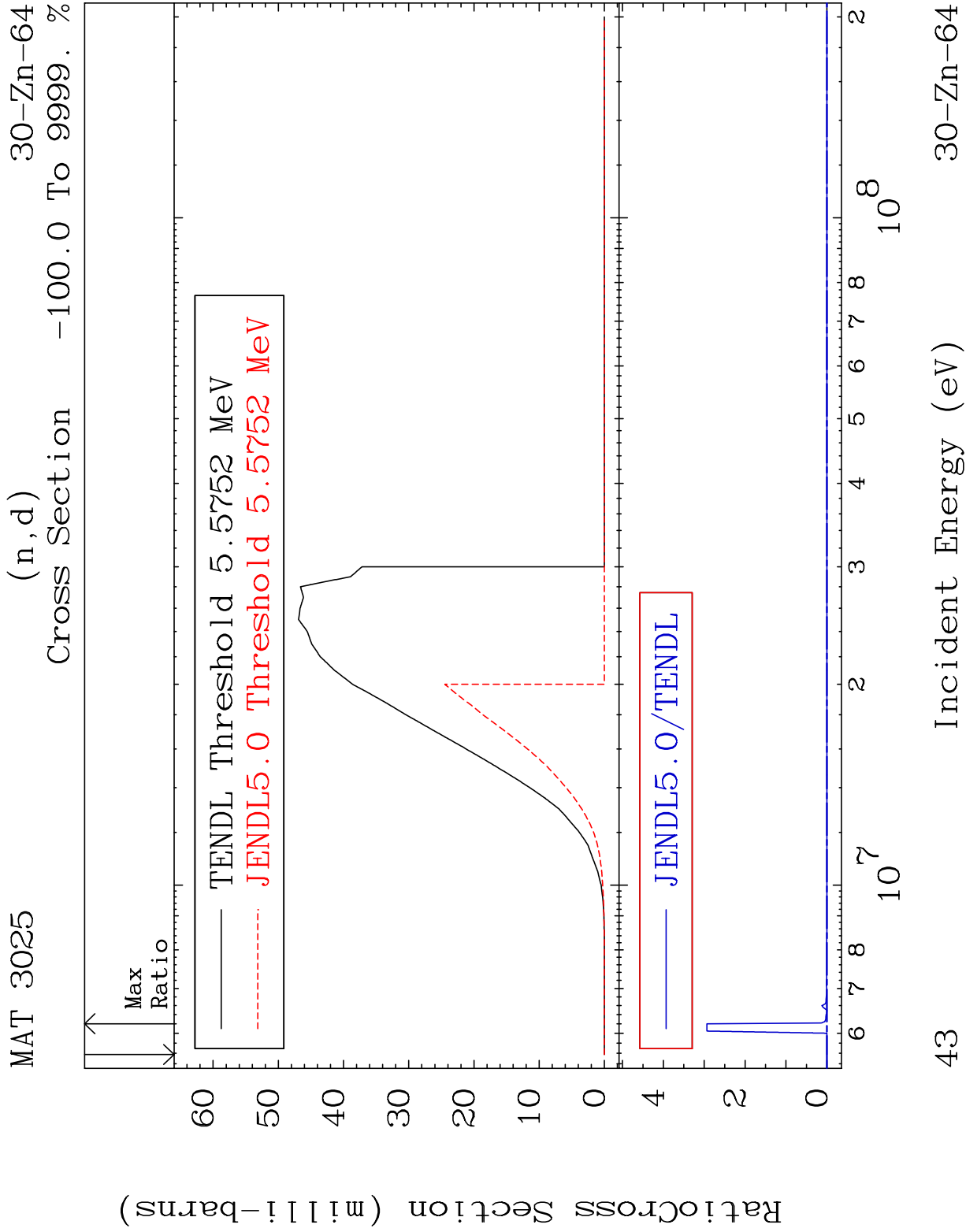










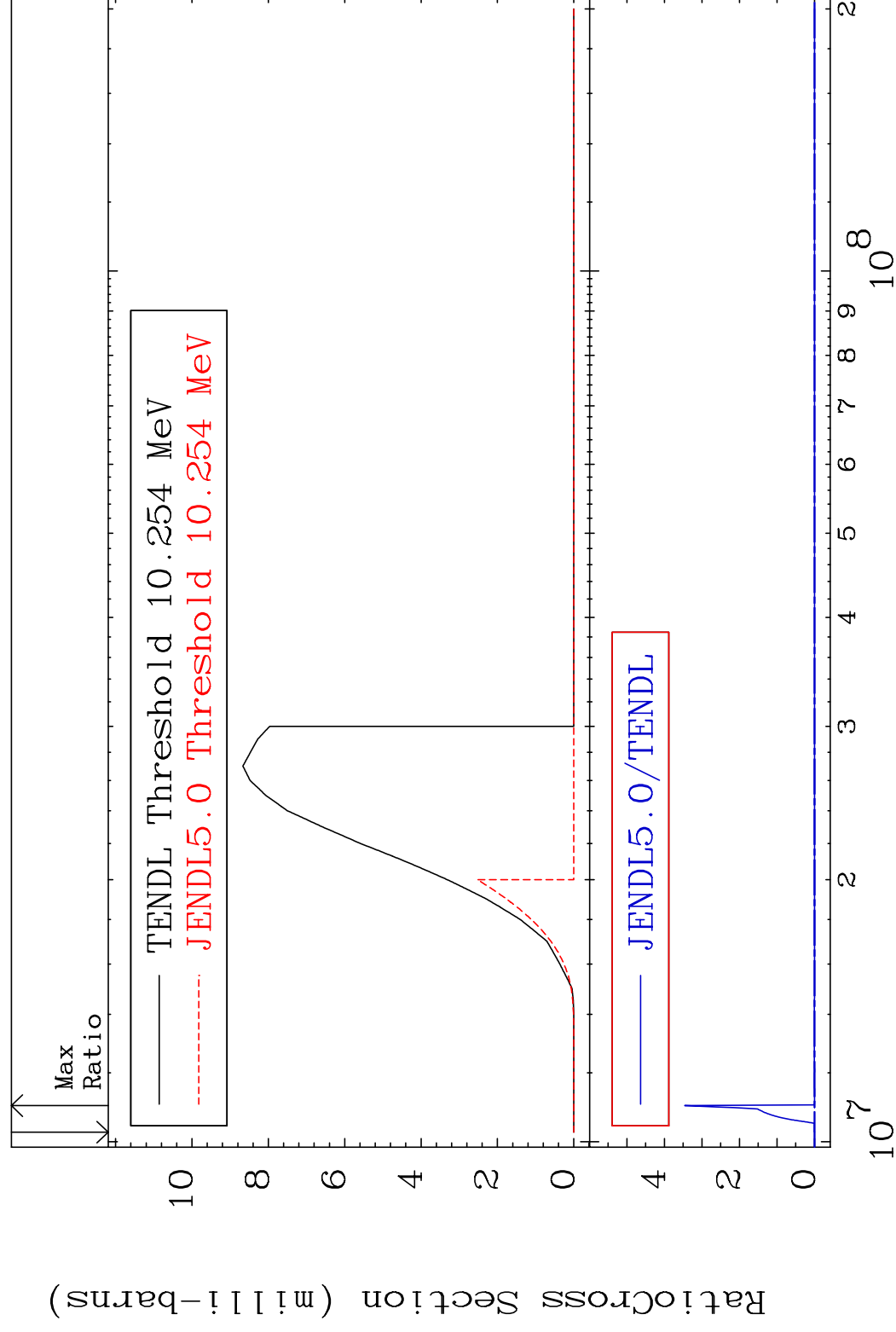


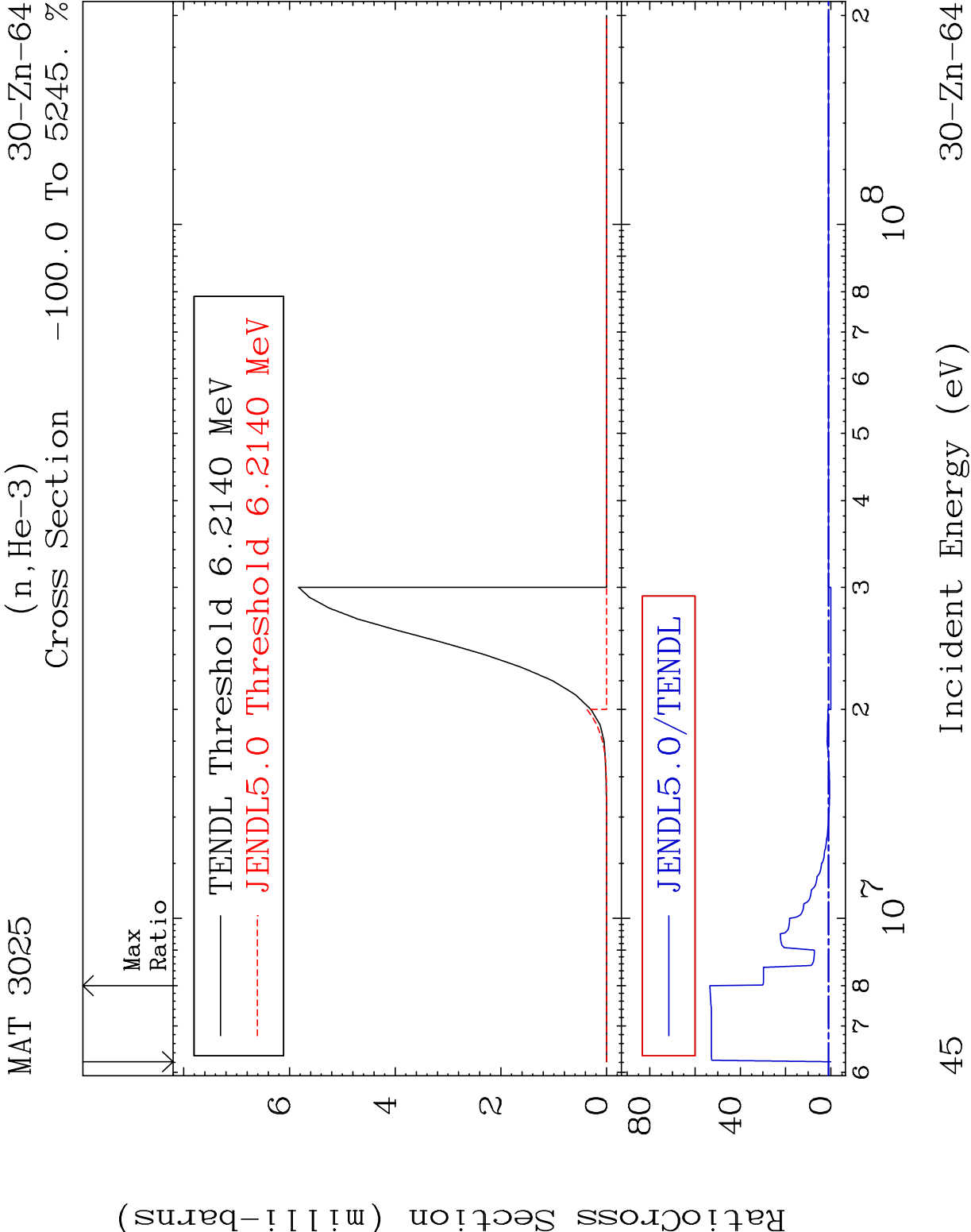
MAT 3025

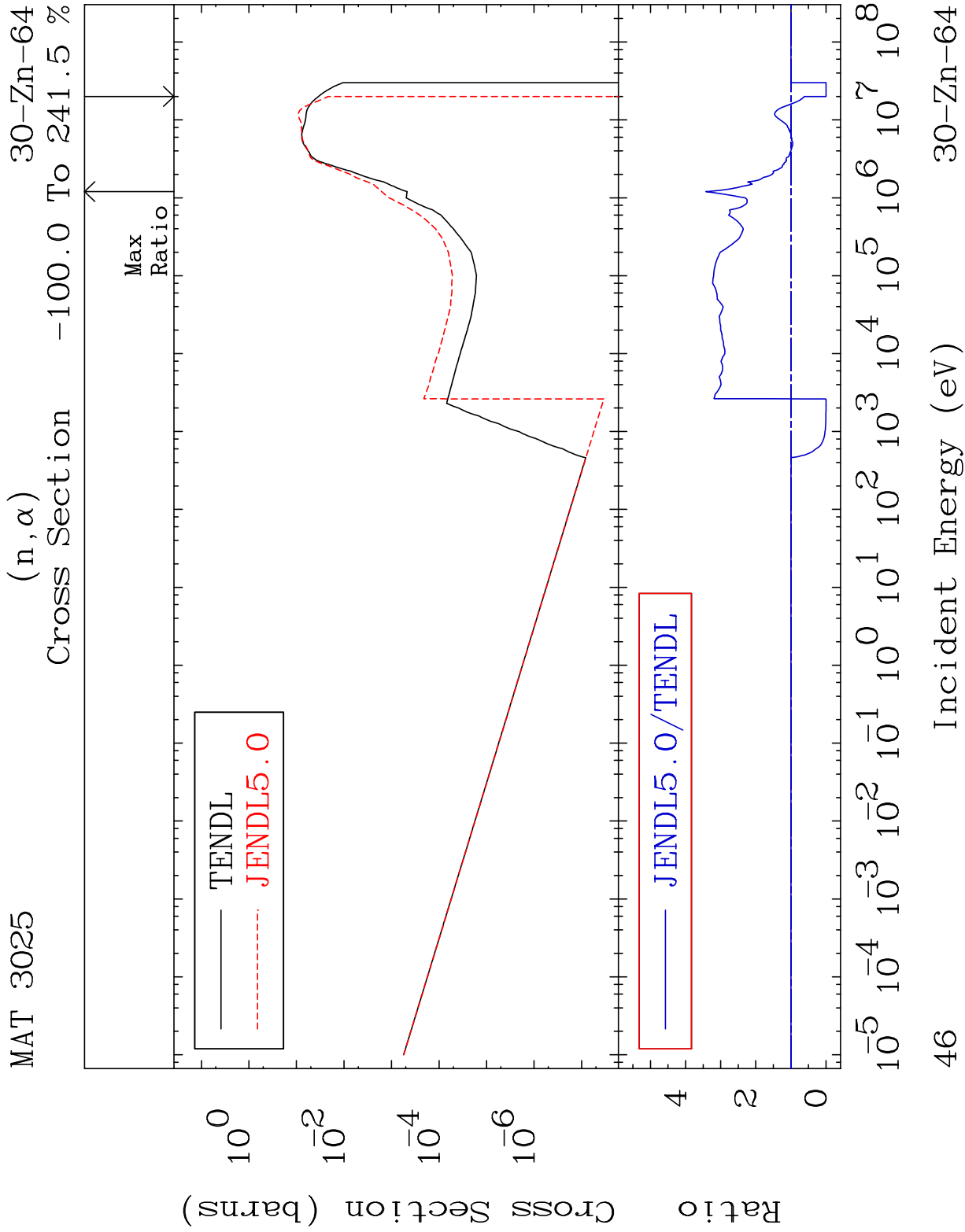
$$(n, t)$$
 $^{64}\text{Zn}-30$

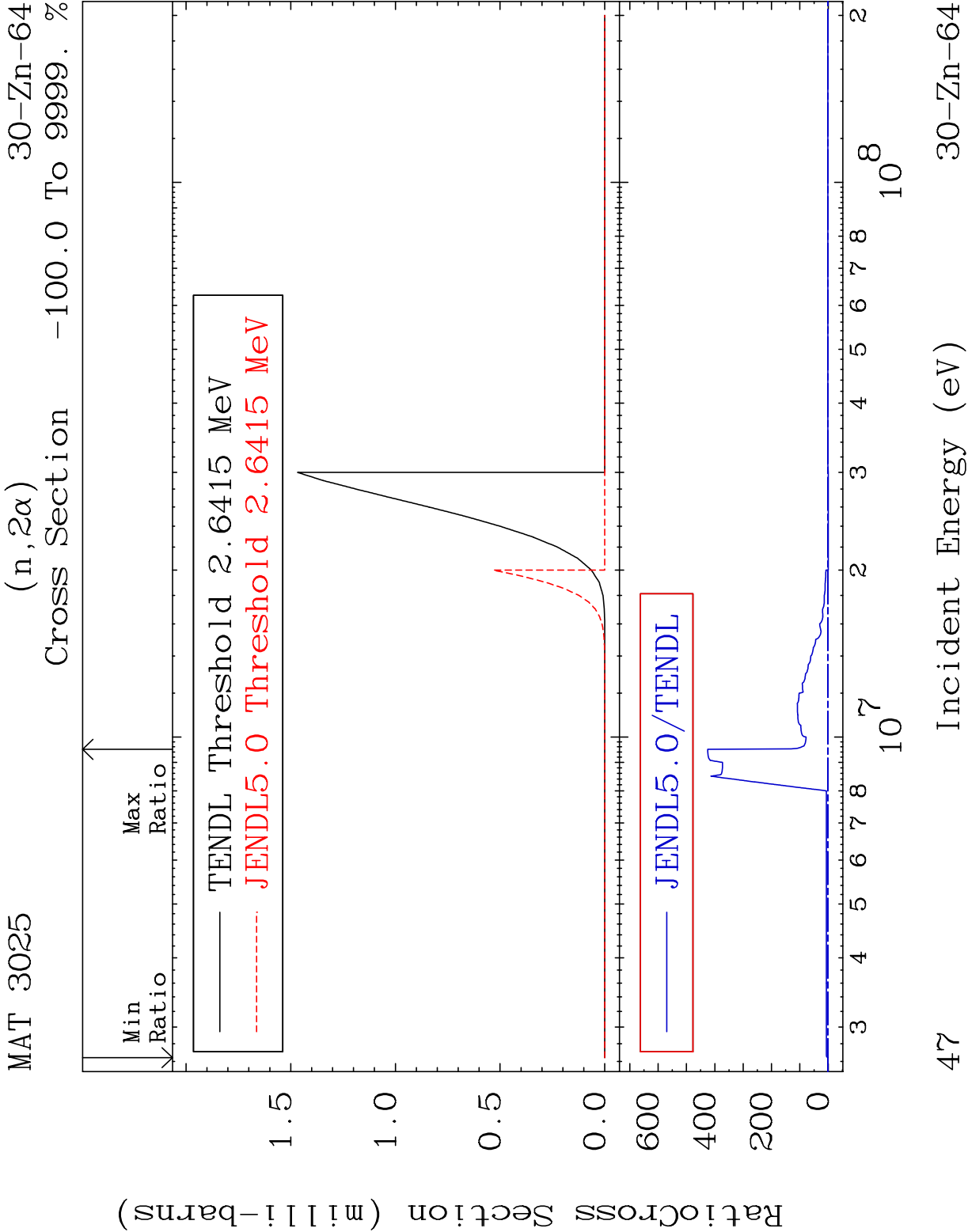
Cross Section

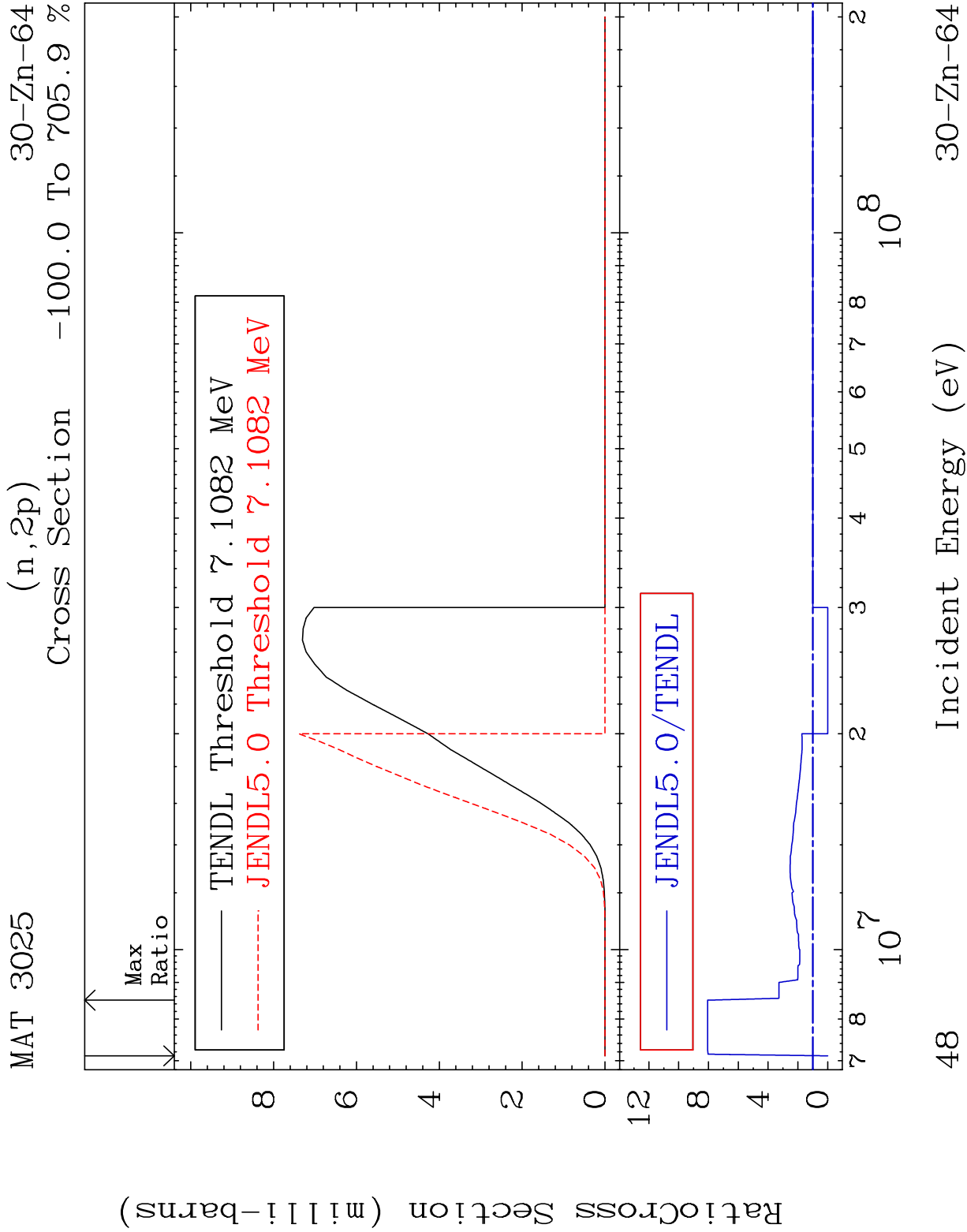
-100.0 To 9999. %

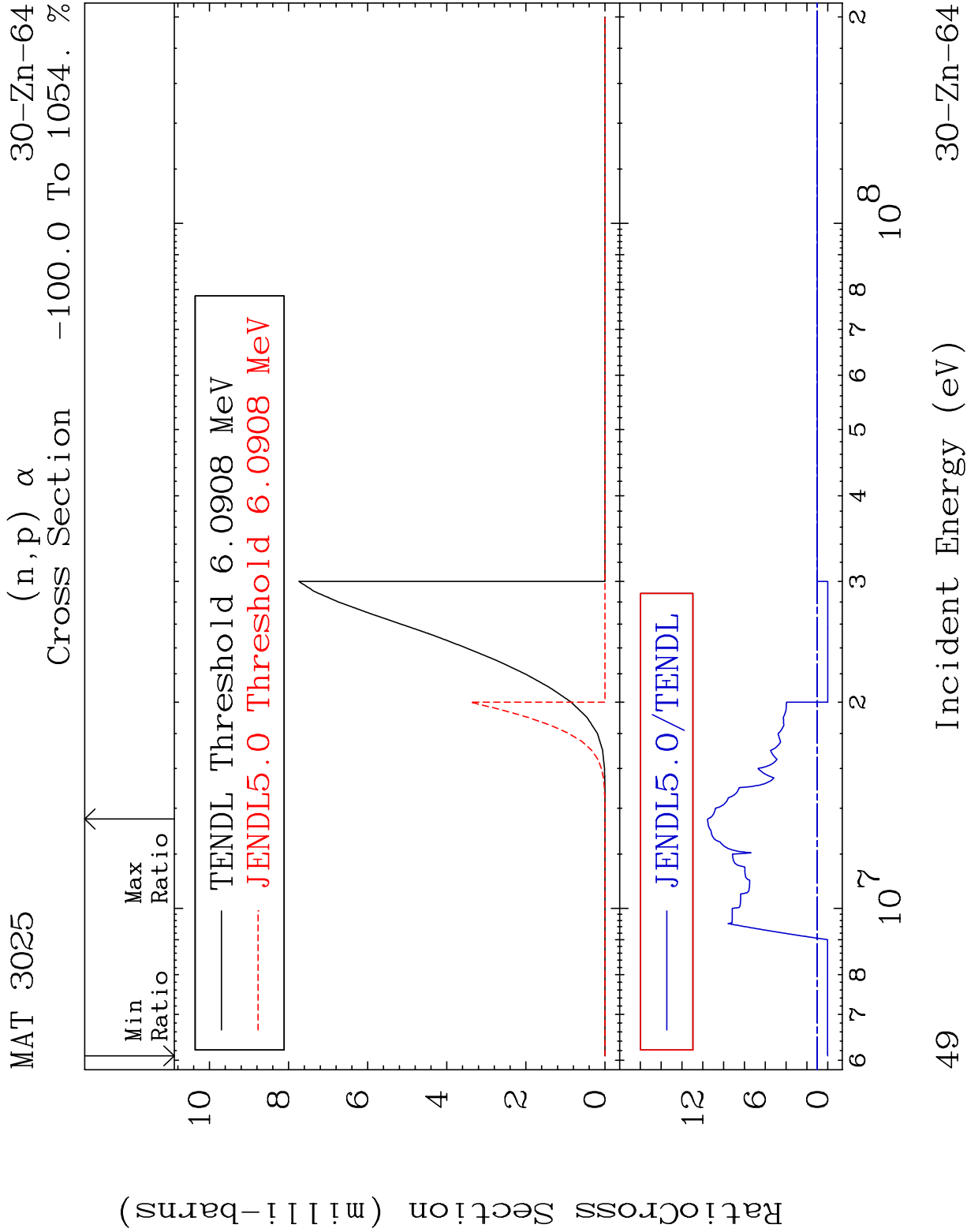


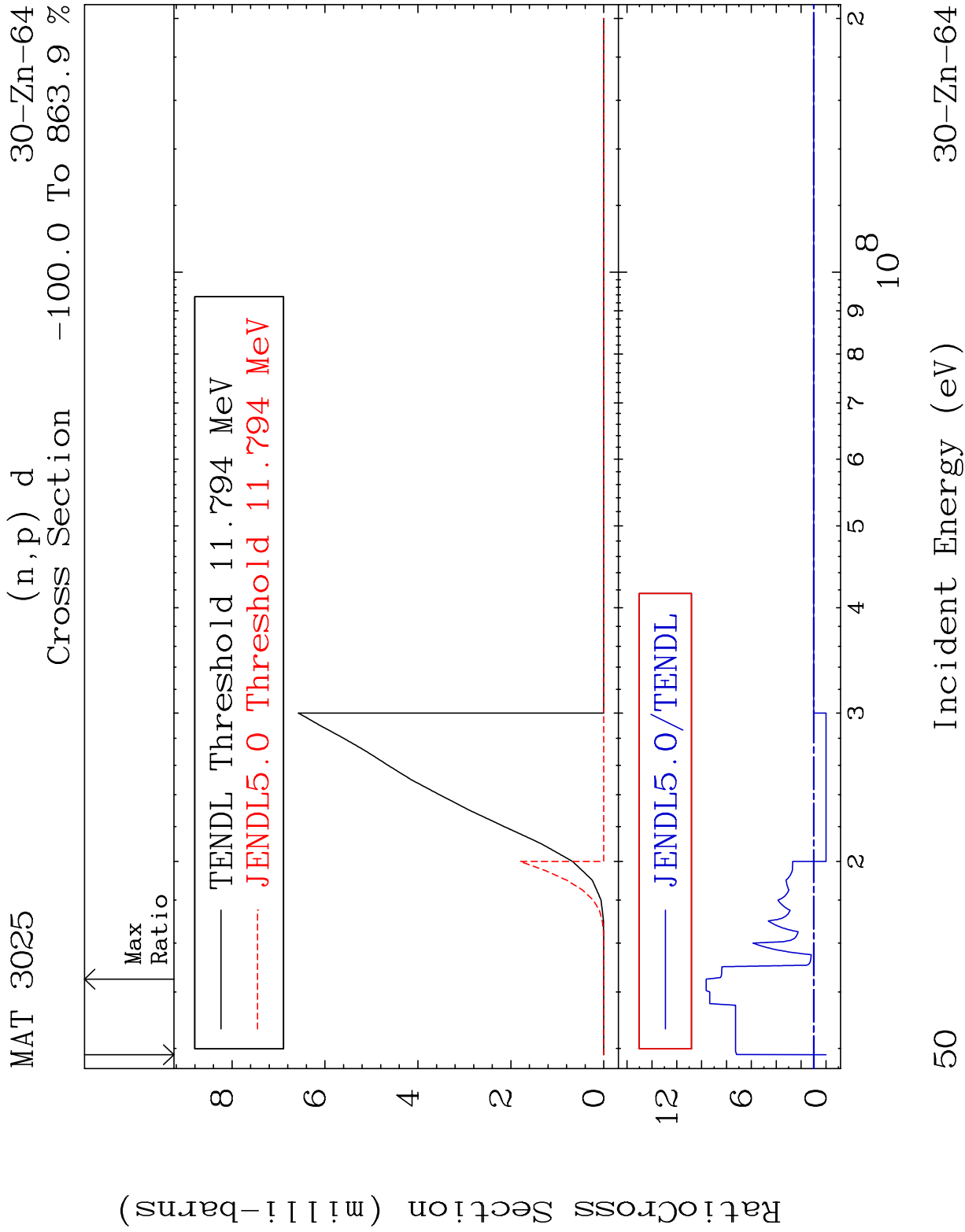


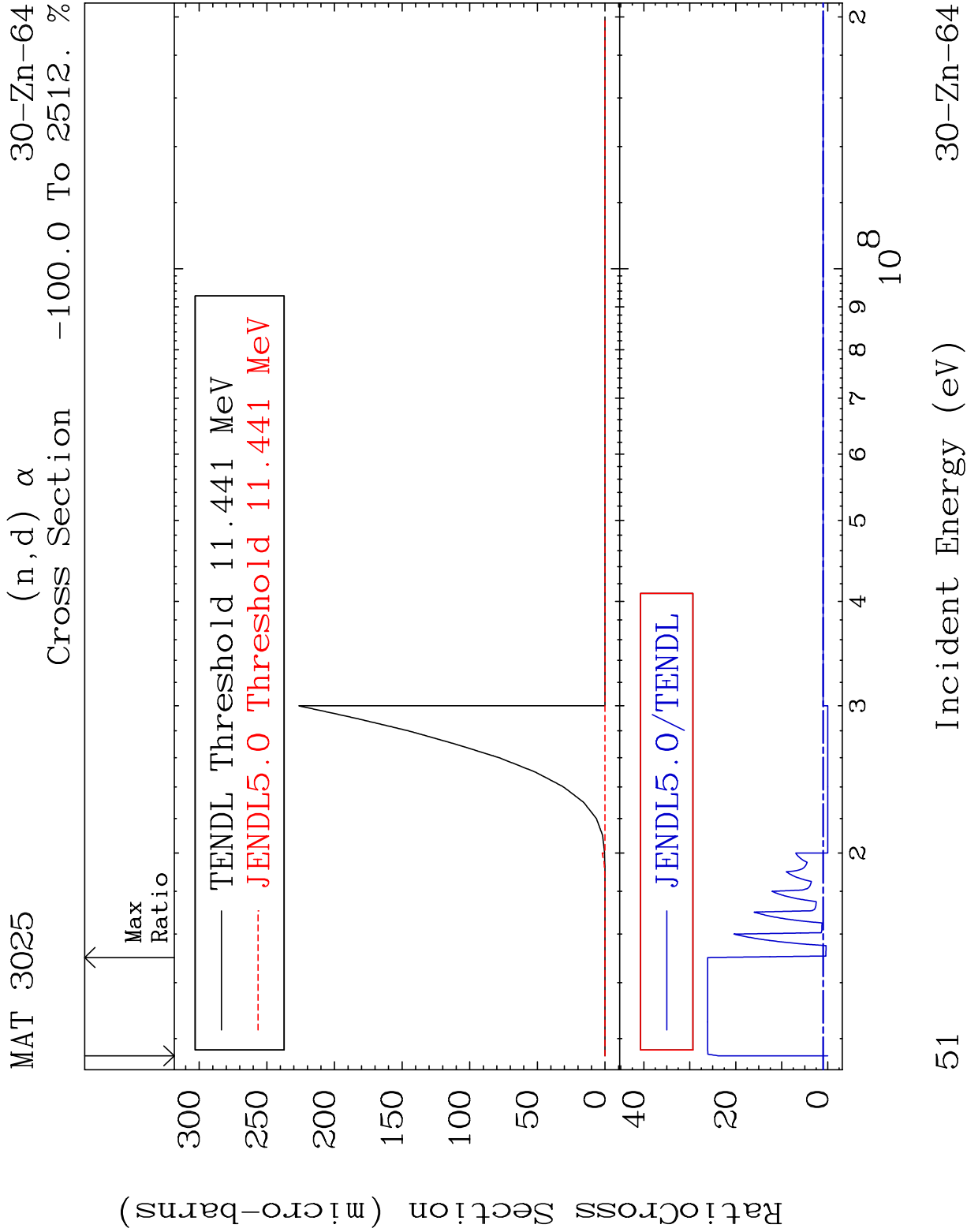


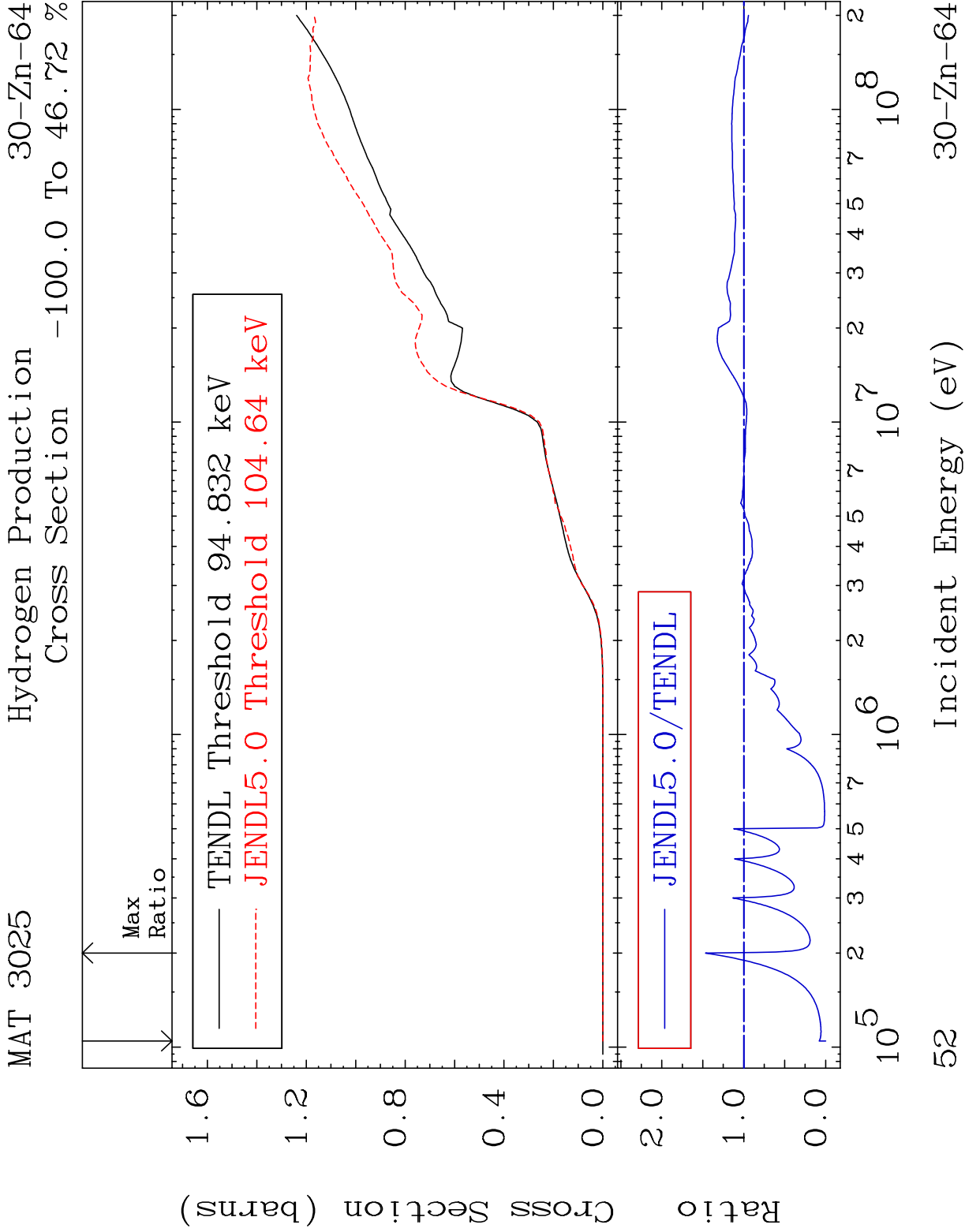


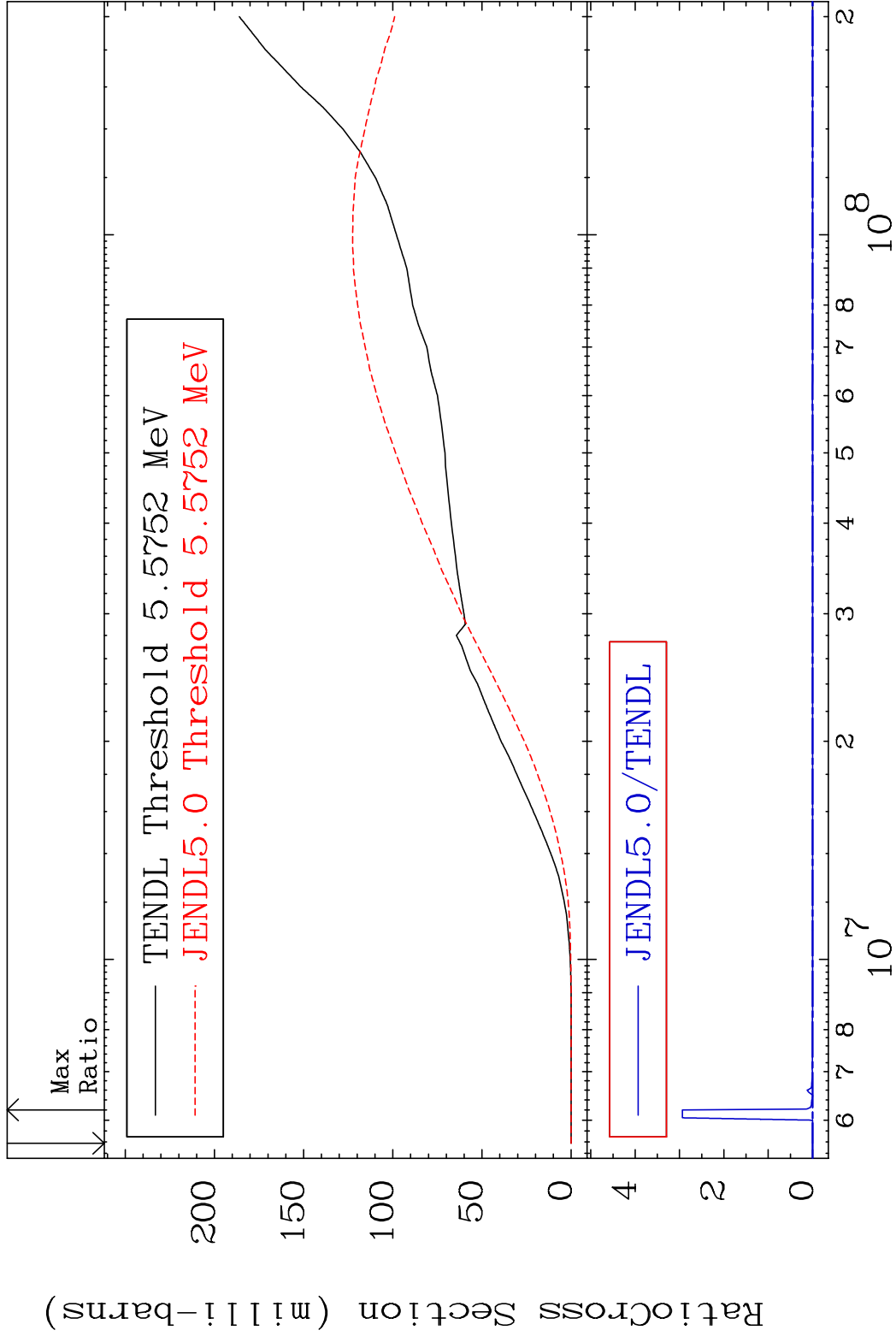


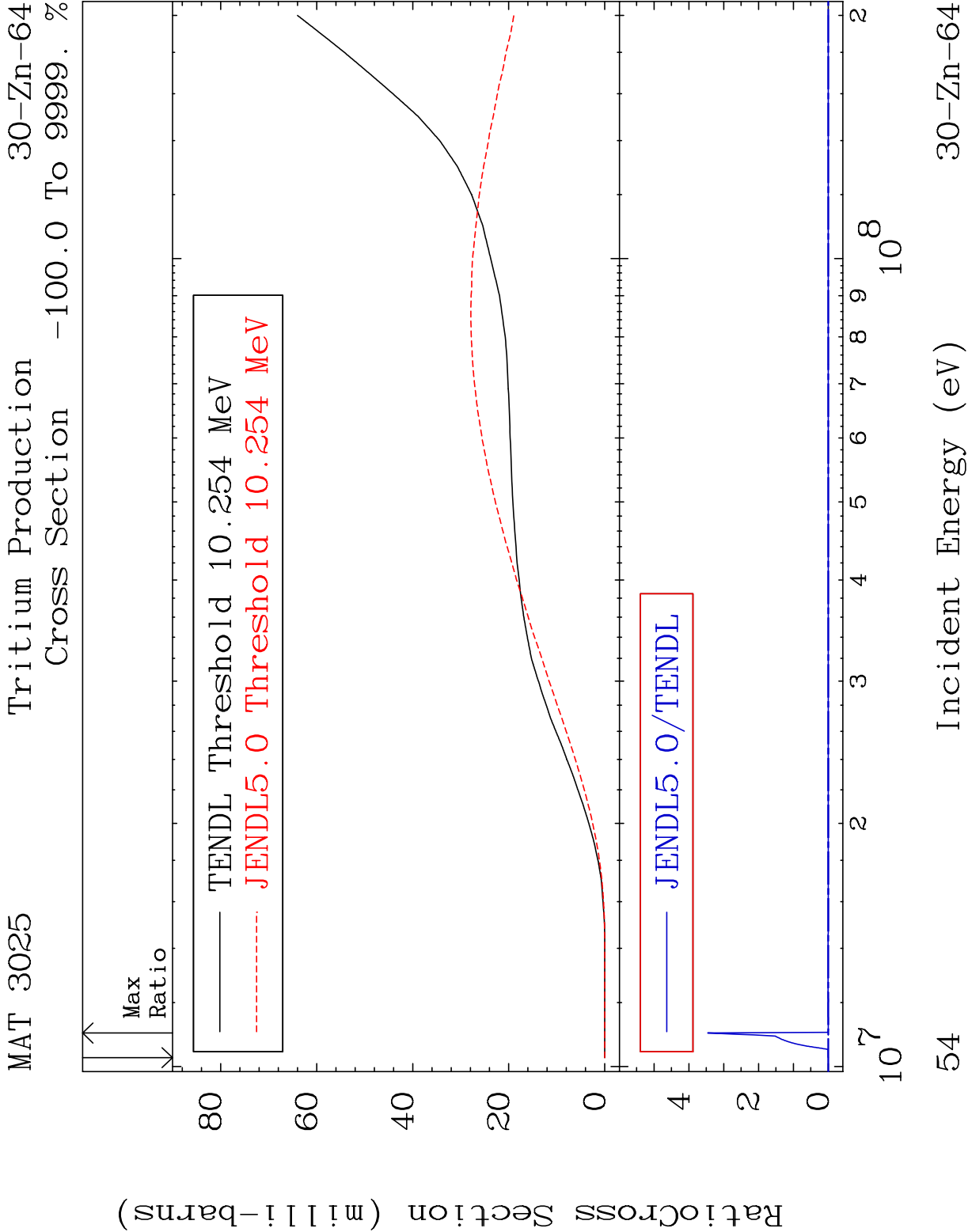


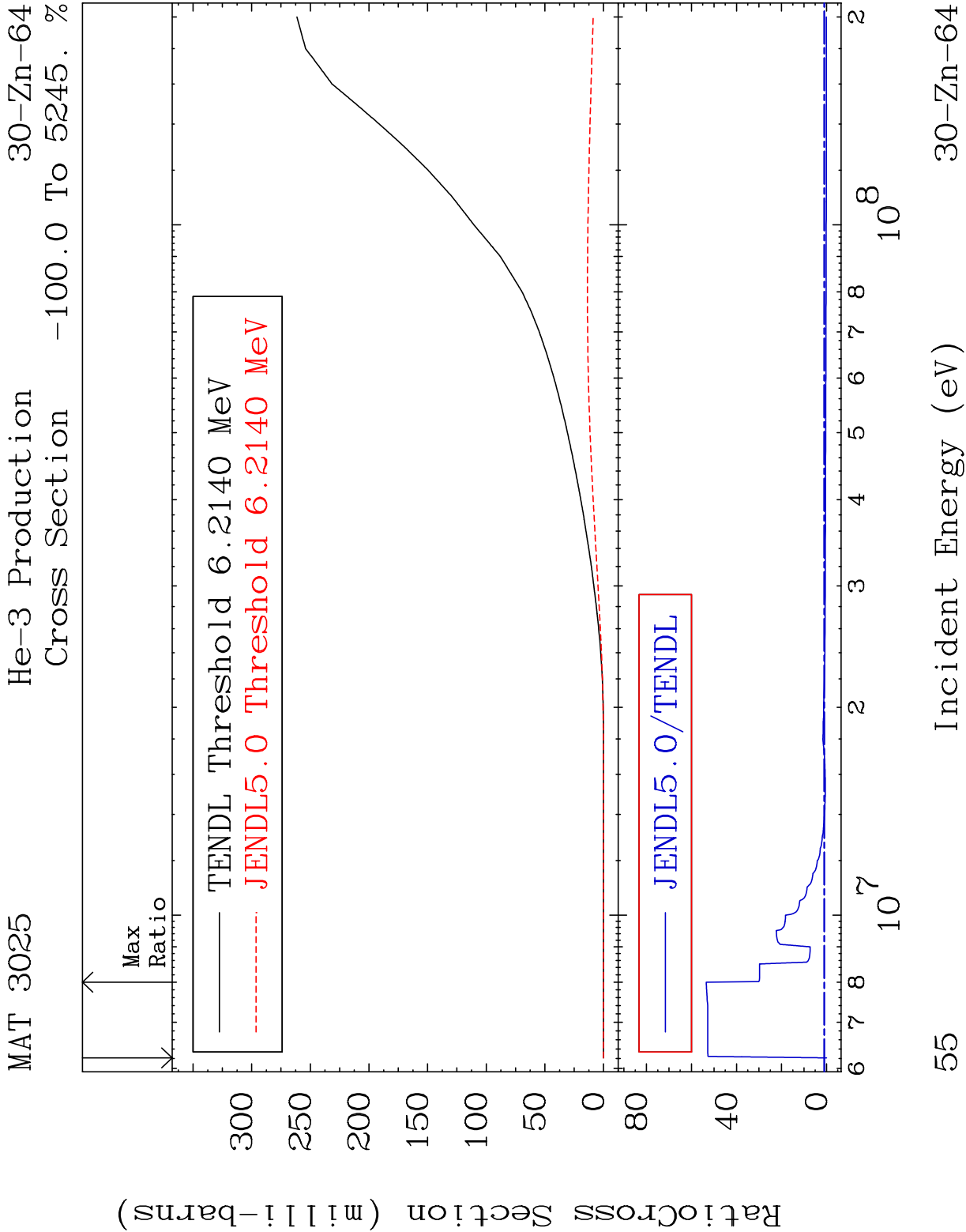


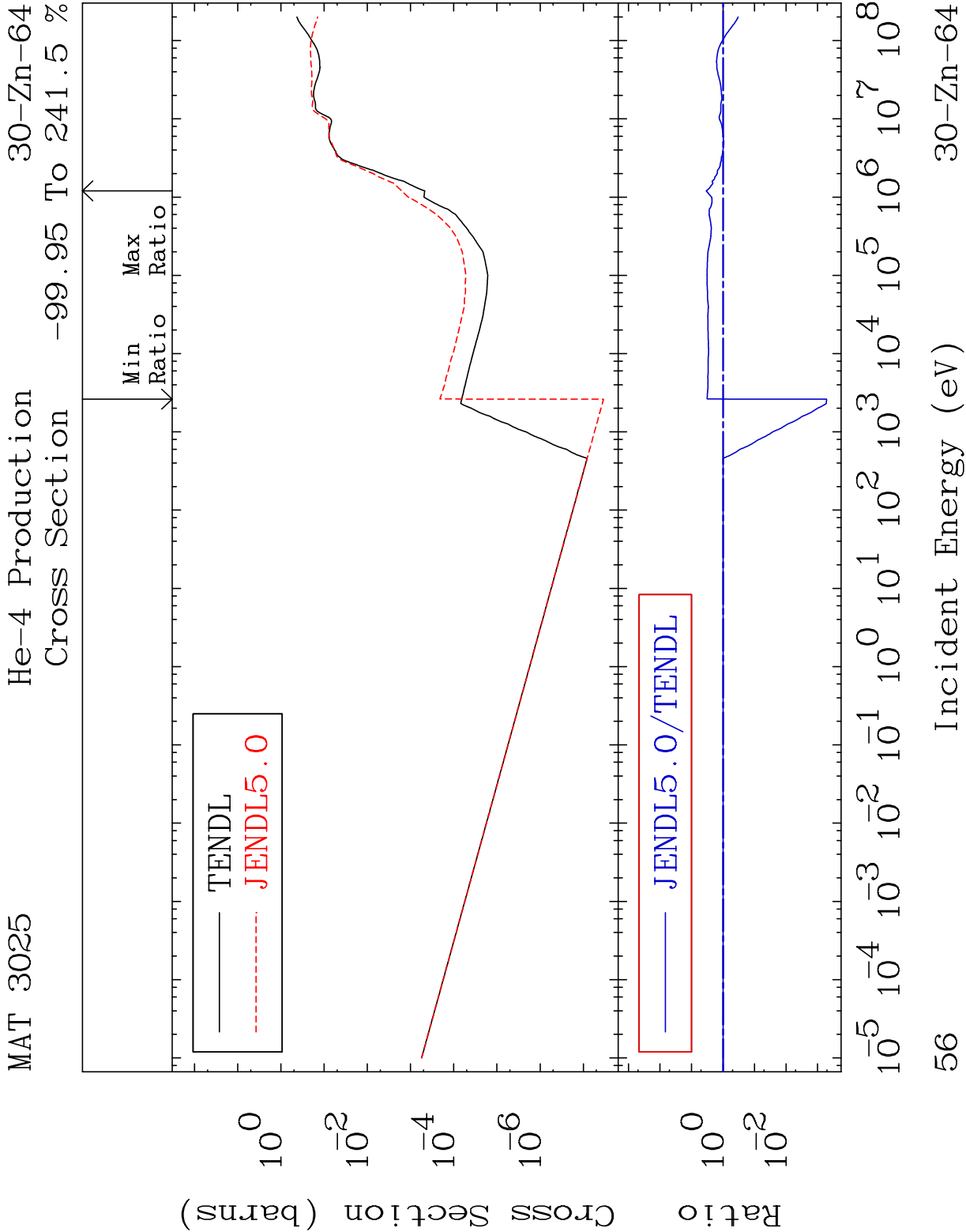


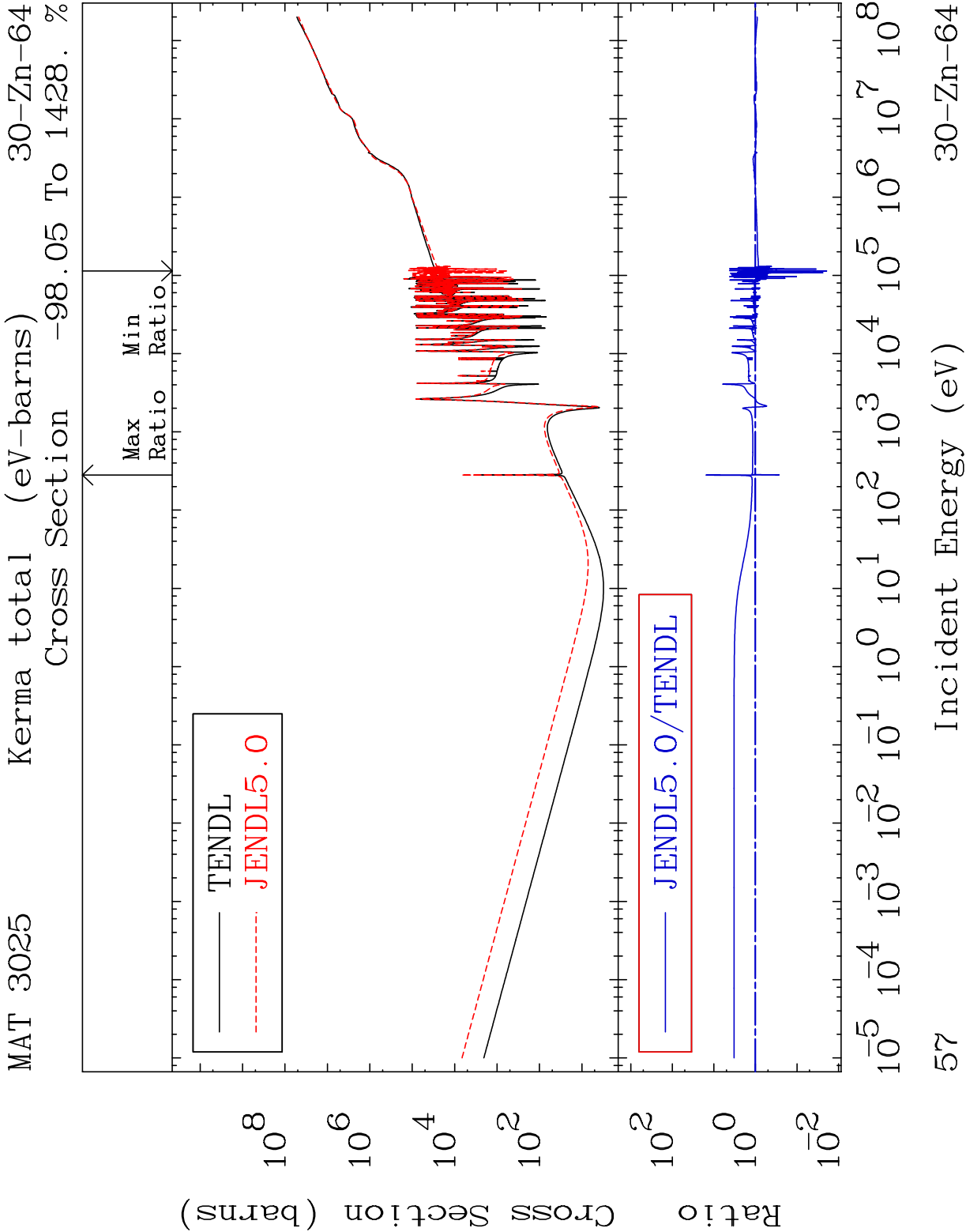


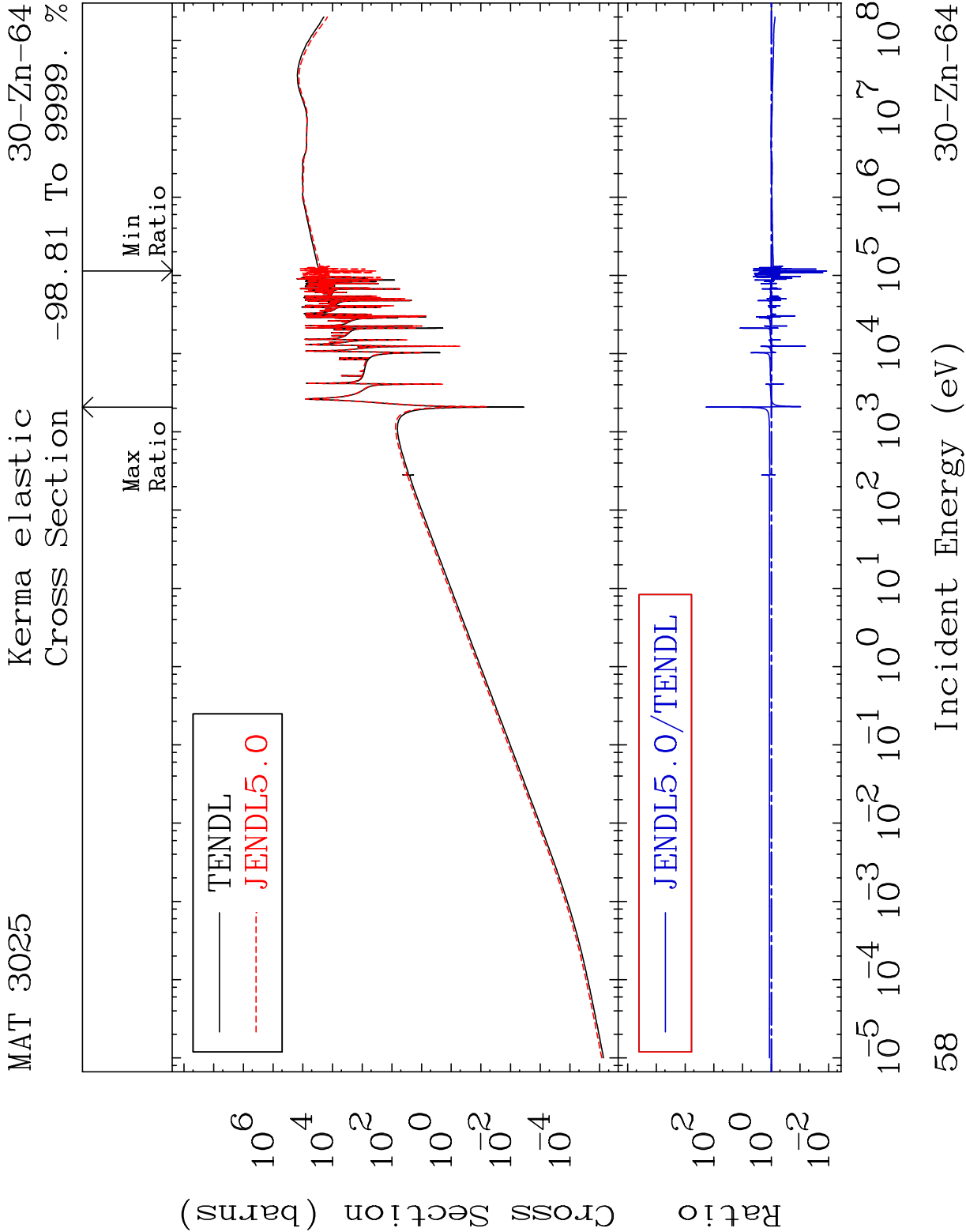




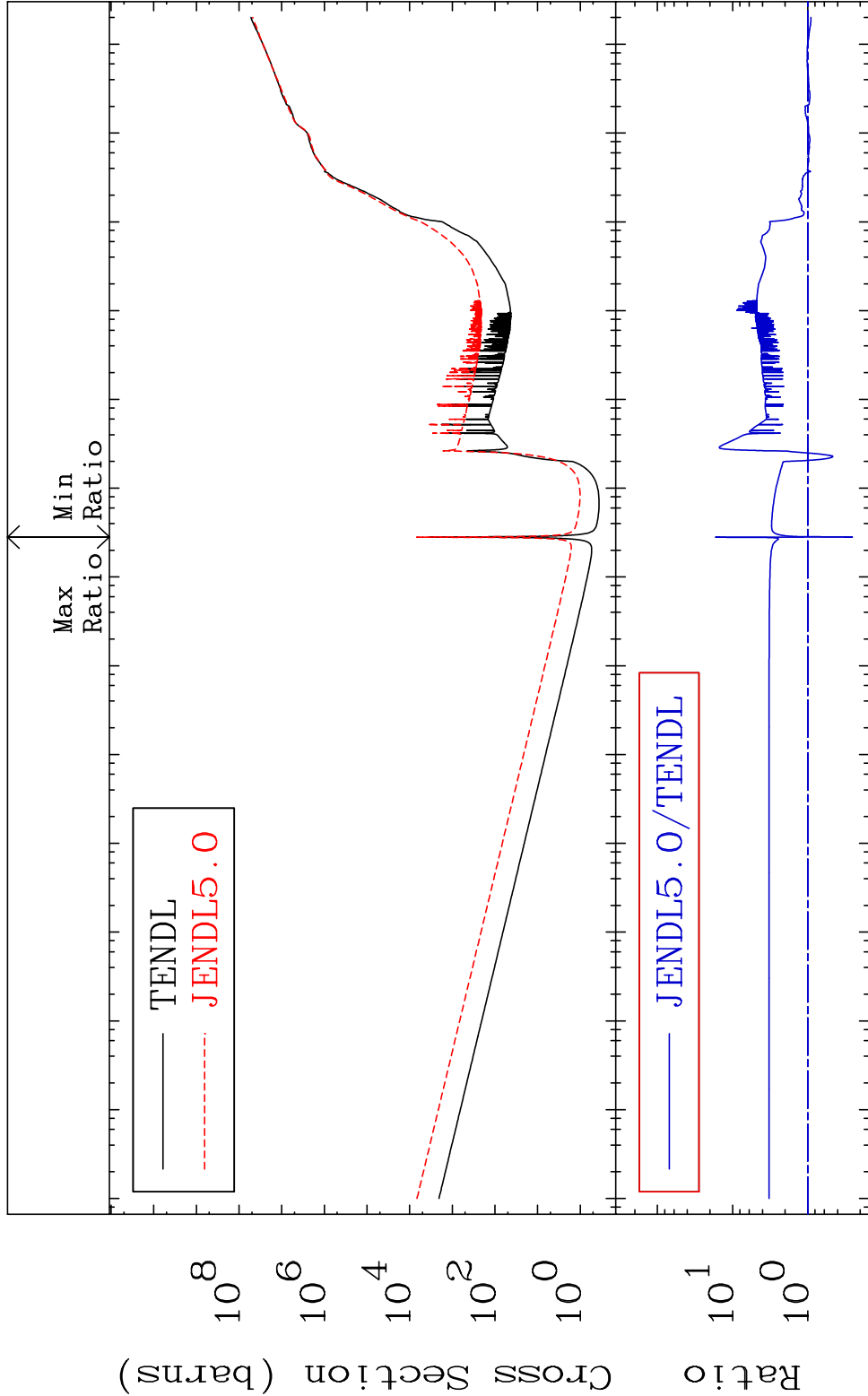




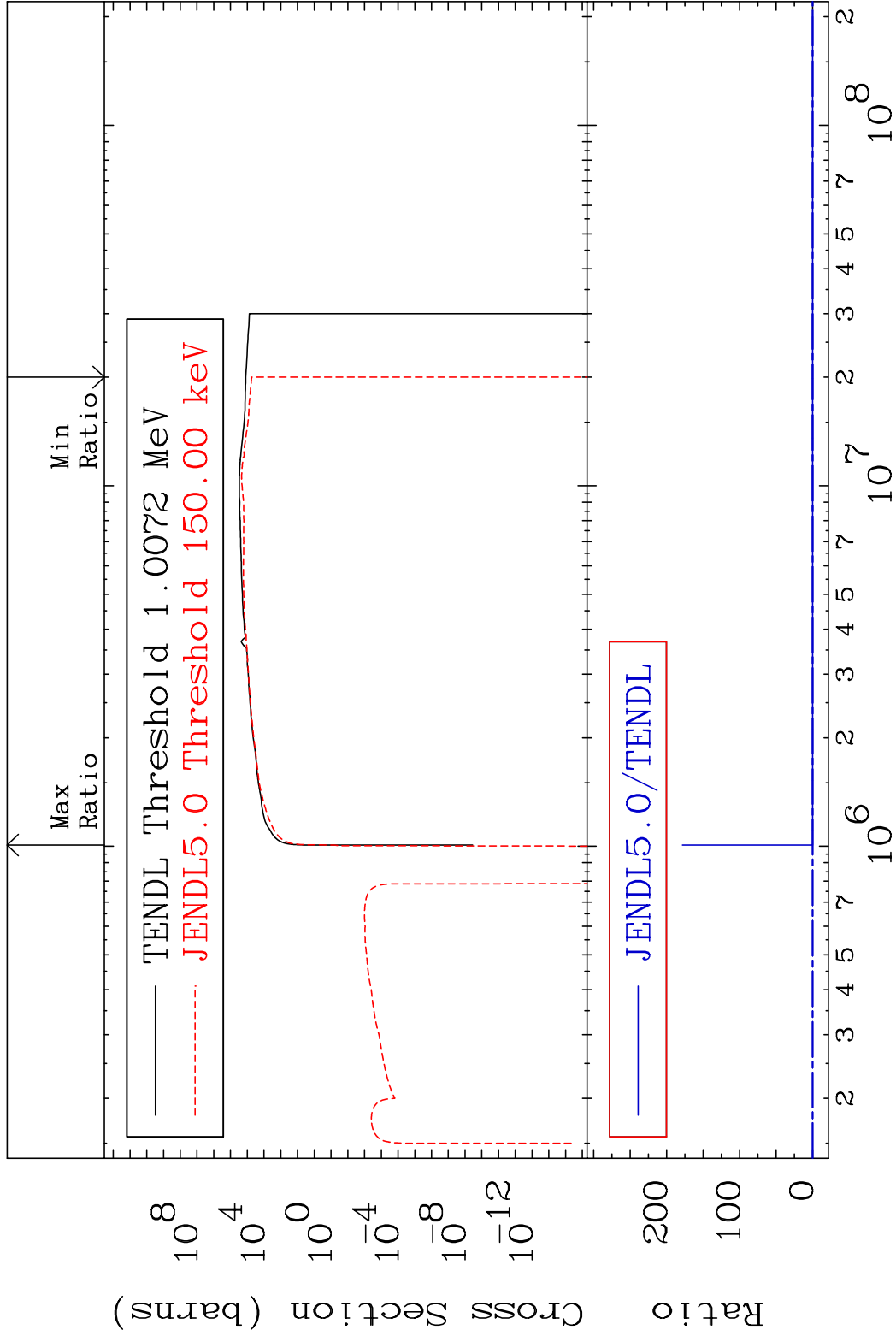




MAT 3025 Kerma non-elastic (all but mt2) 30-Zn-64
Cross Section -74.41 To 1580. %

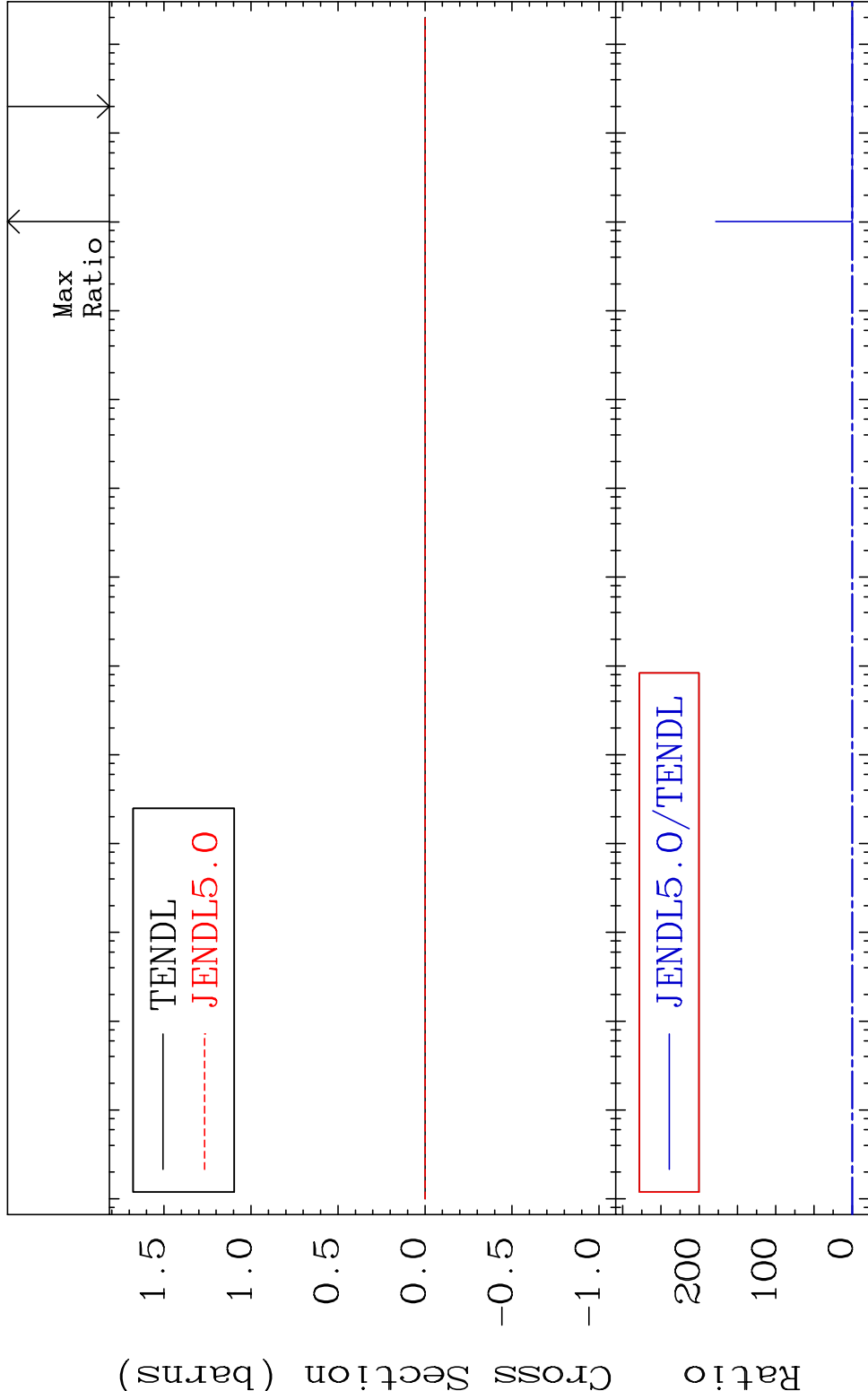


59 Incident Energy (eV) 30-Zn-64

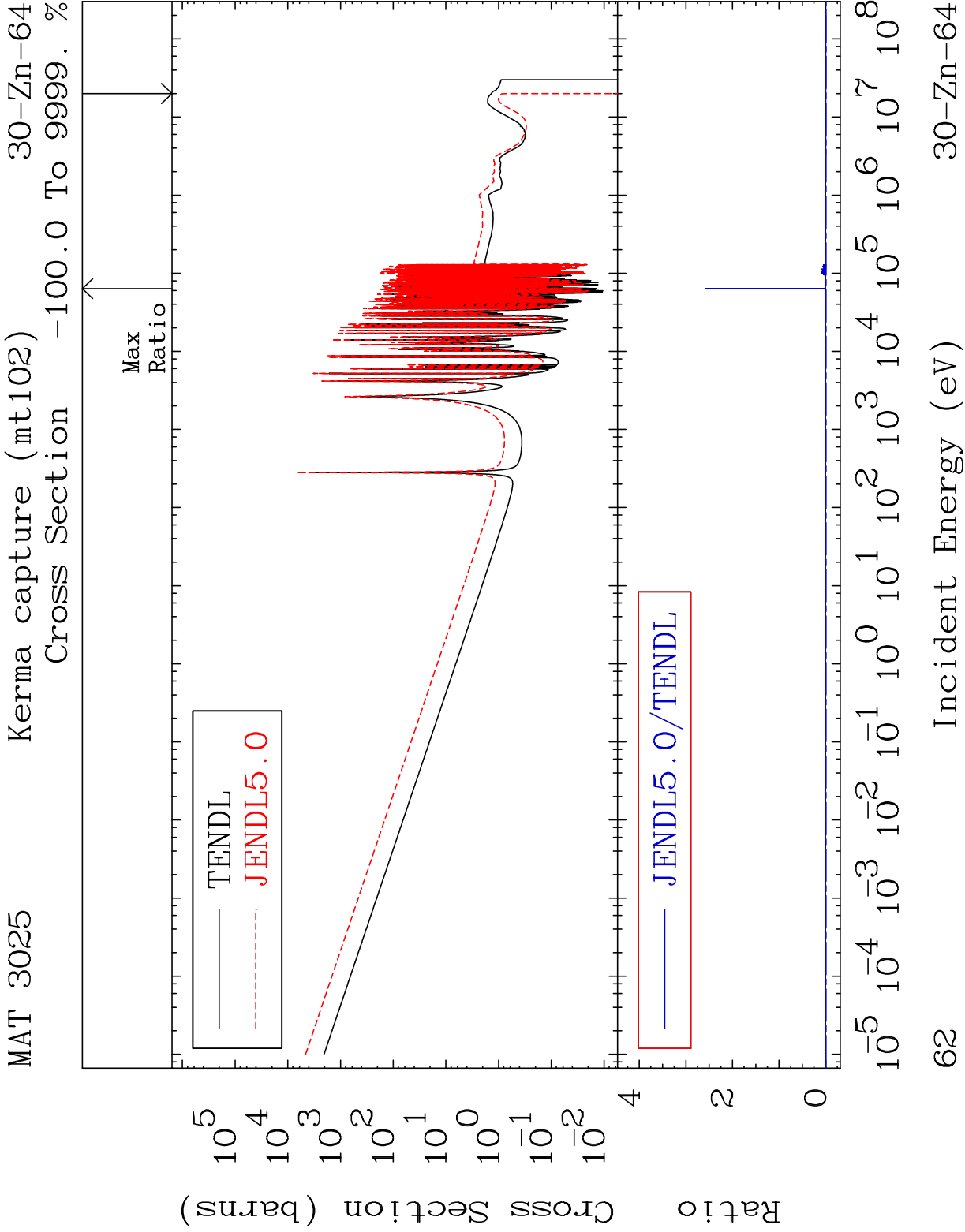


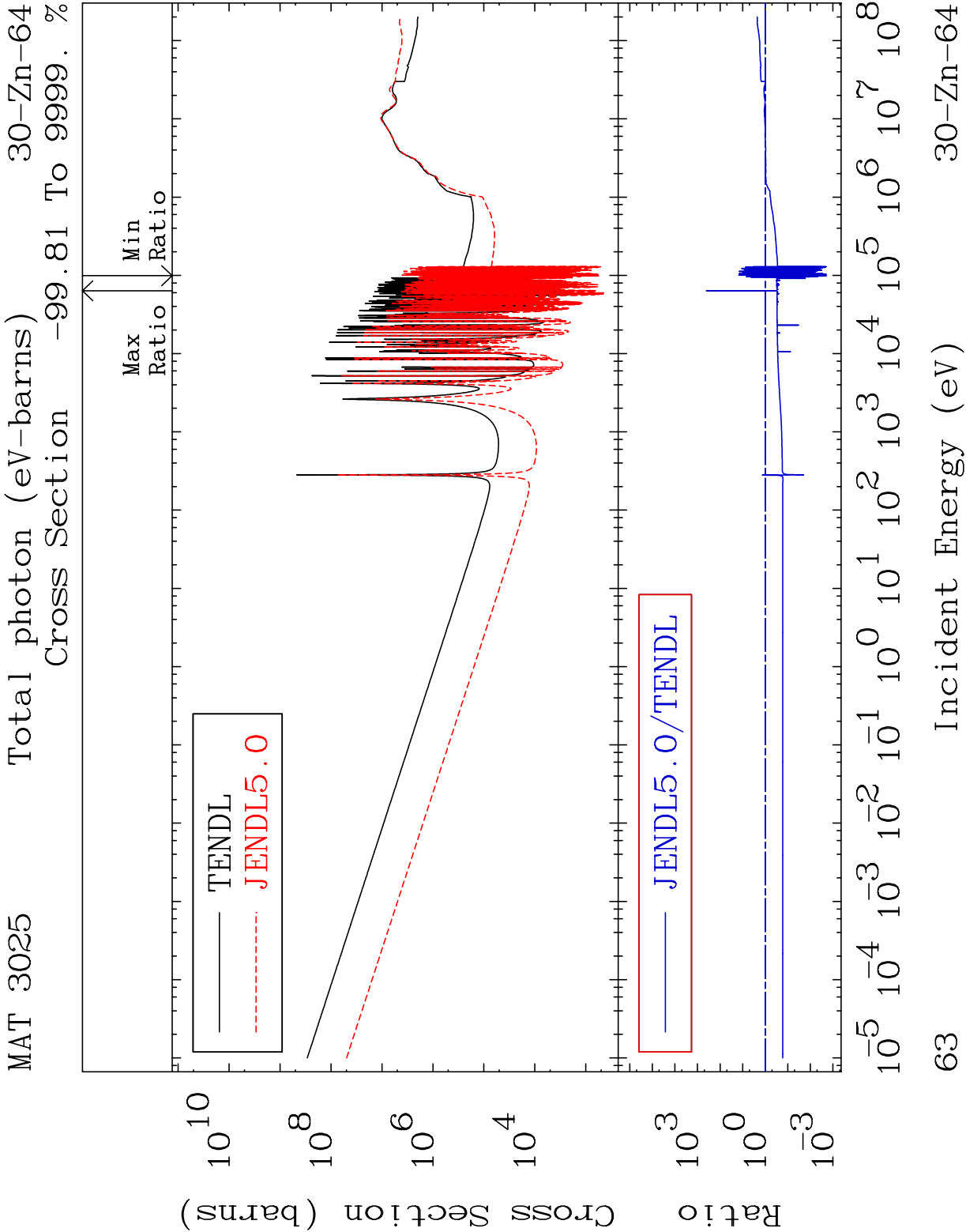
MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64

Cross Section -100.0 To 9999. %

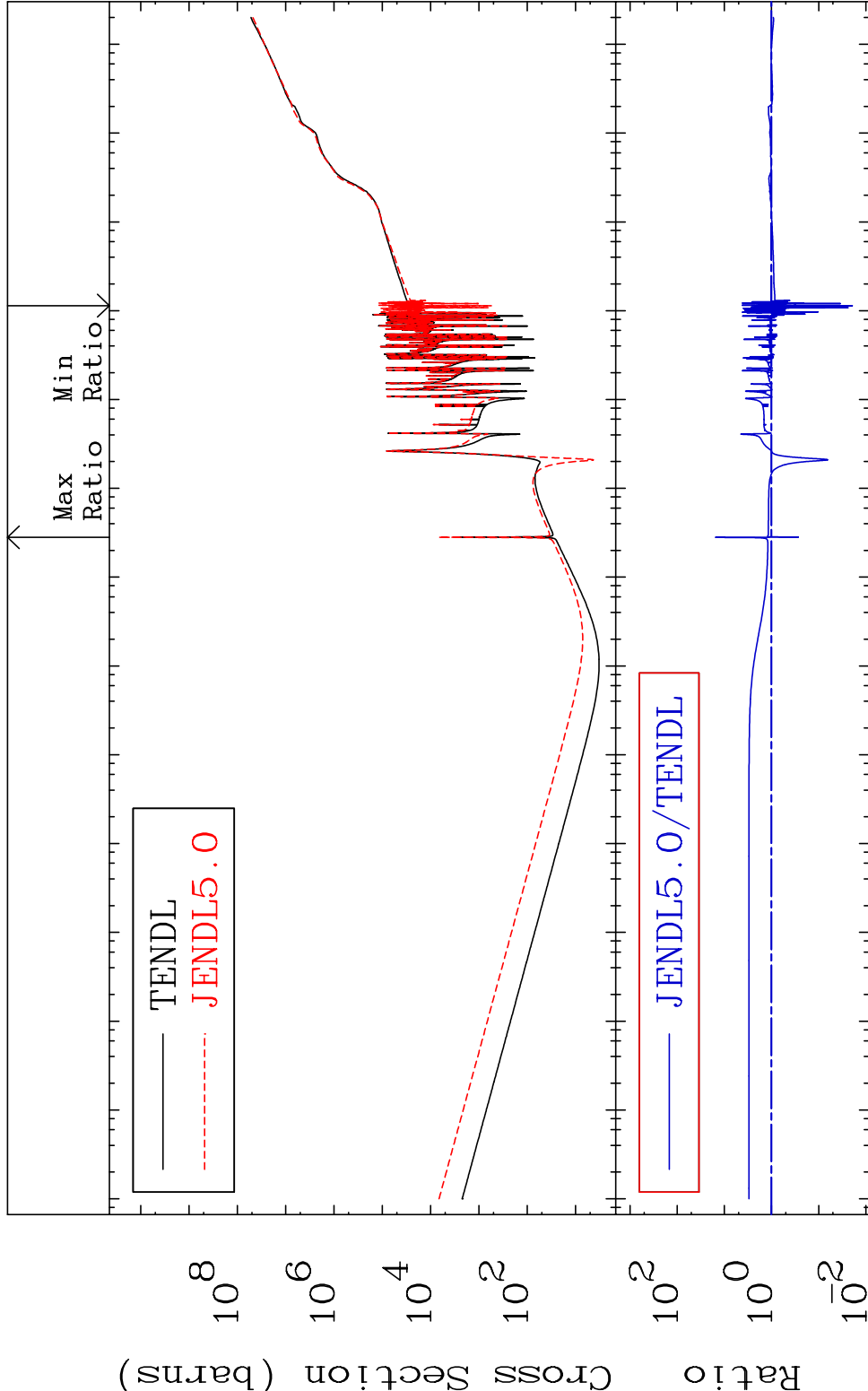


61 Incident Energy (eV) 30-Zn-64

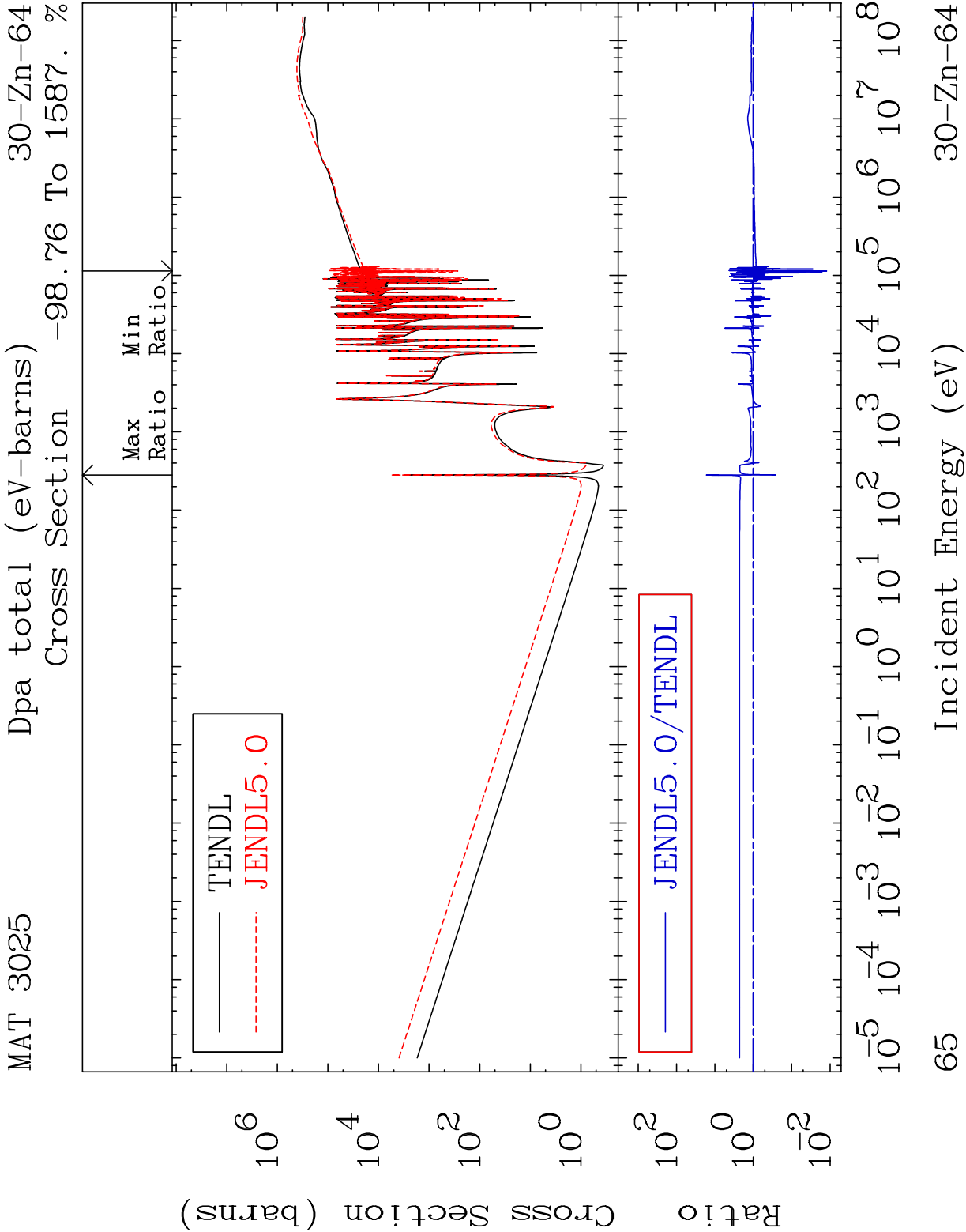




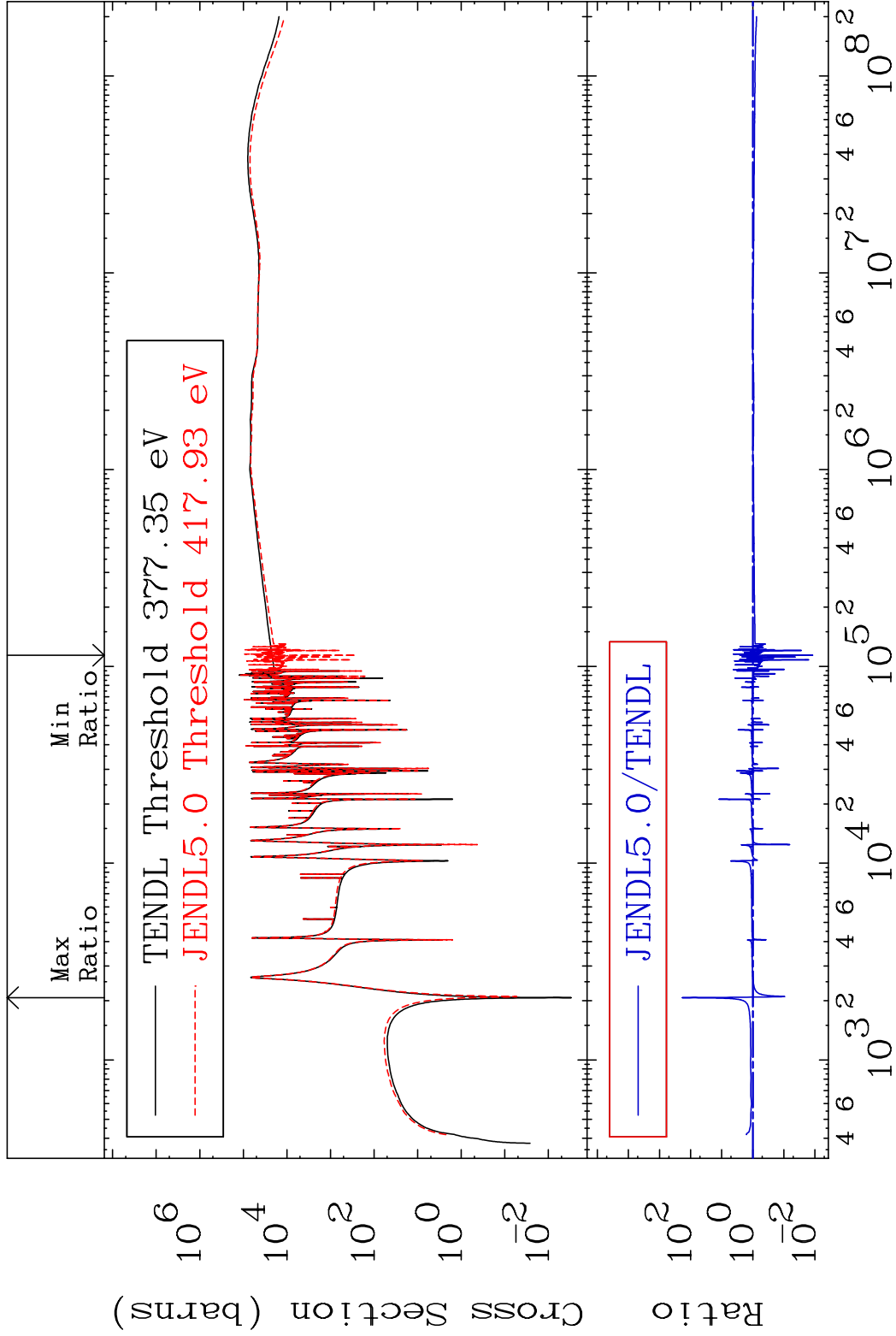
MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
Cross Section -98.05 To 1428. %

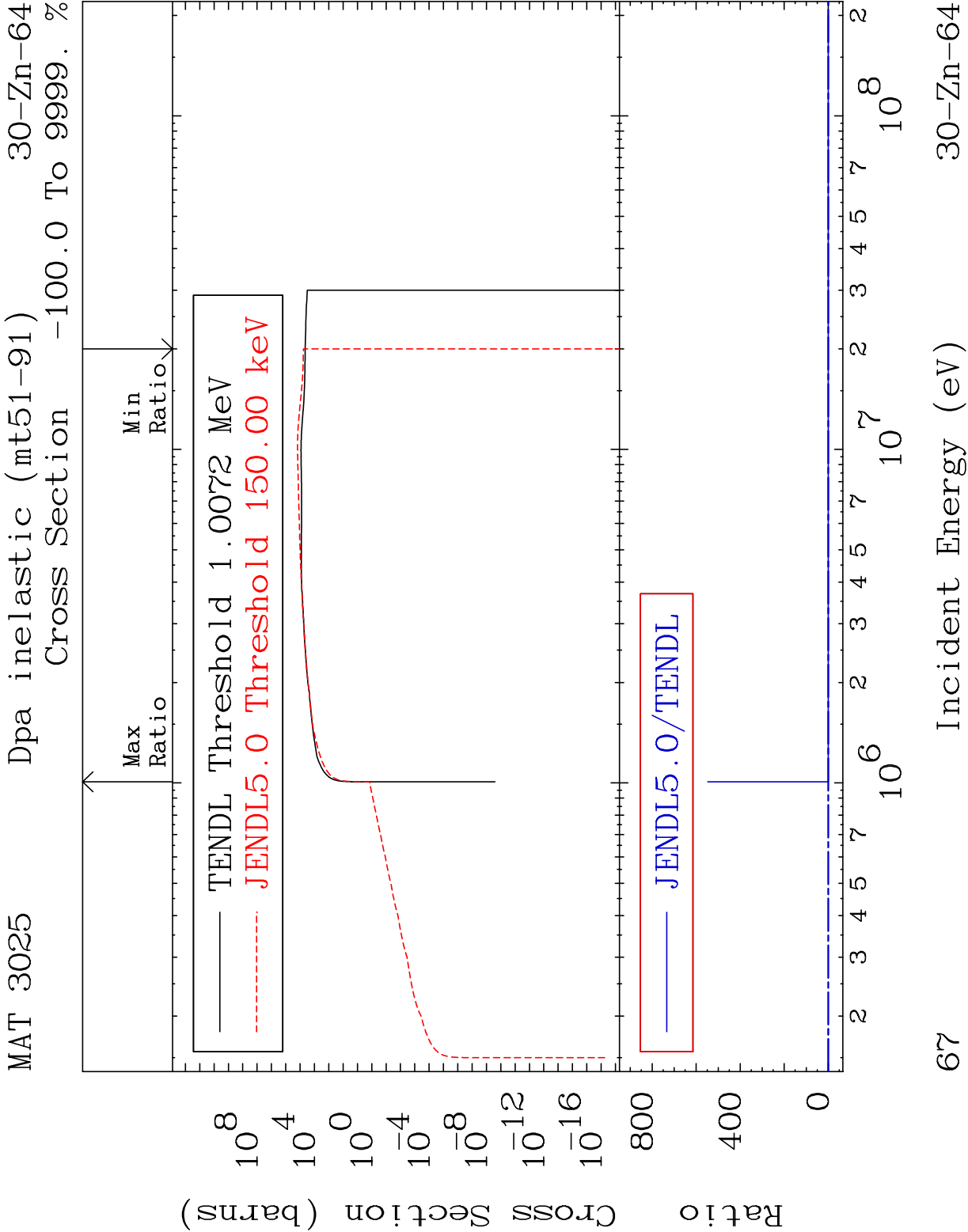


64 Incident Energy (eV) 30-Zn-64

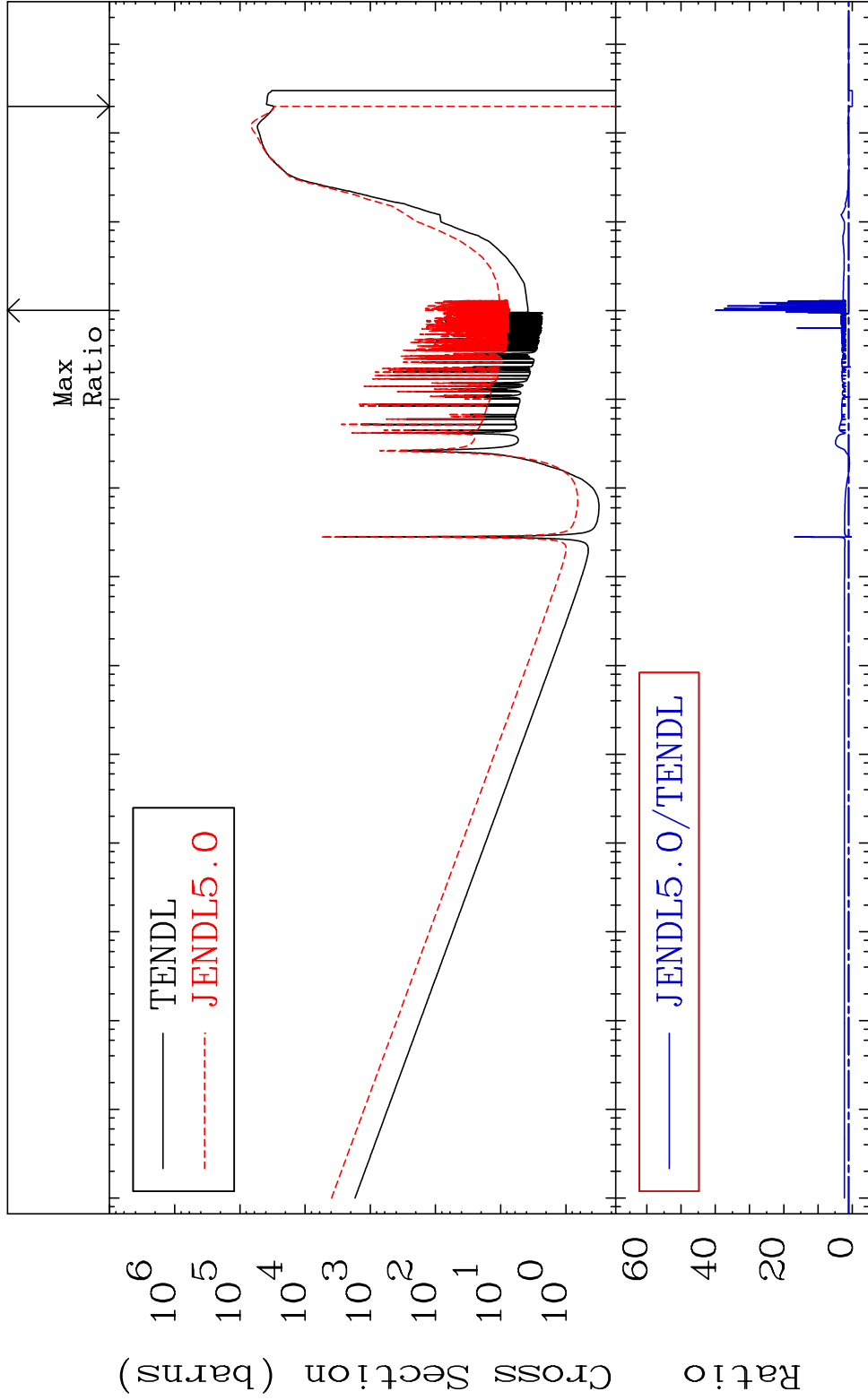


MAT 3025 Dpa elastic (mt2) 30-Zn-64
 Cross Section -98.81 To 9999. %



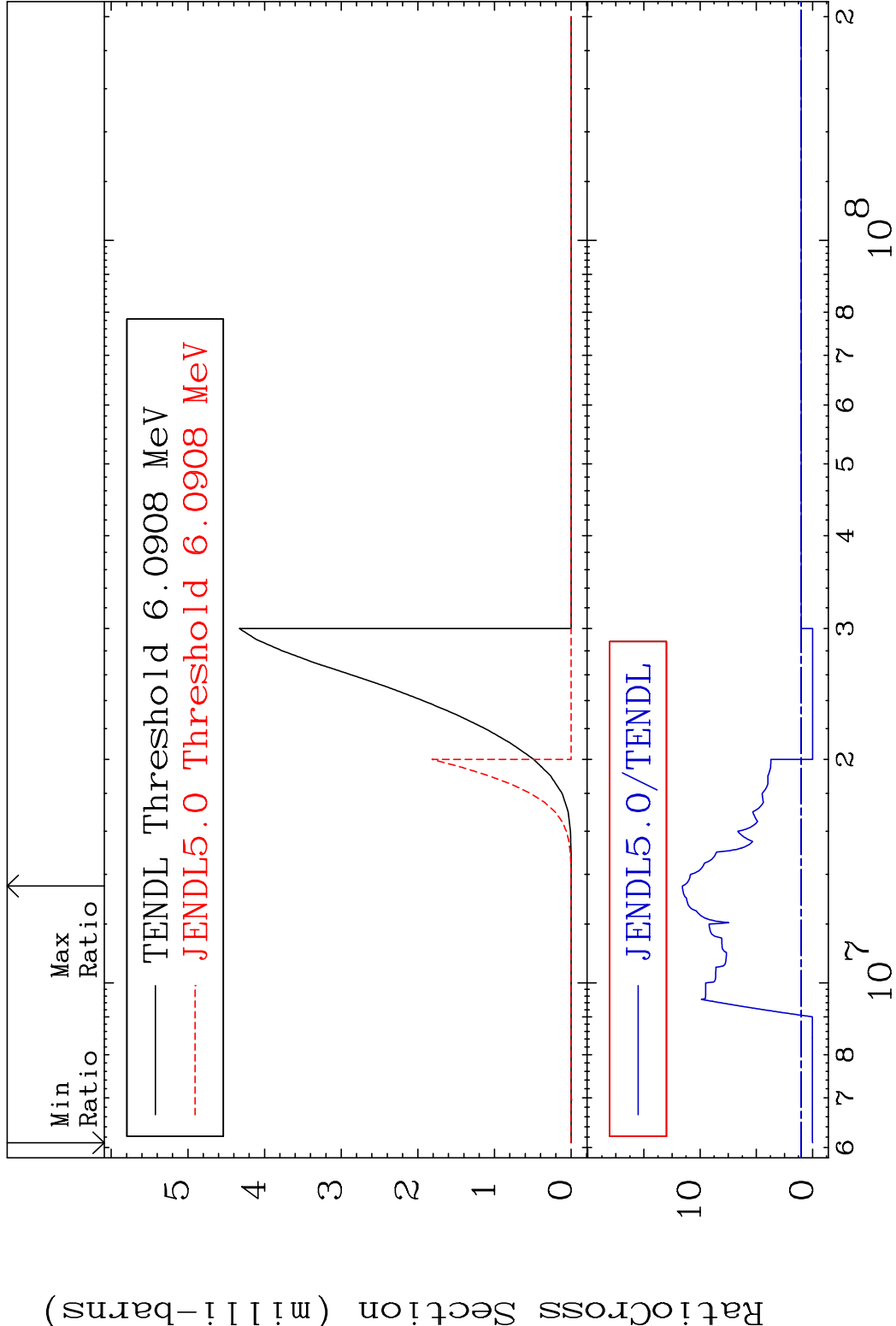


MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
Cross Section -100.0 To 3889. %

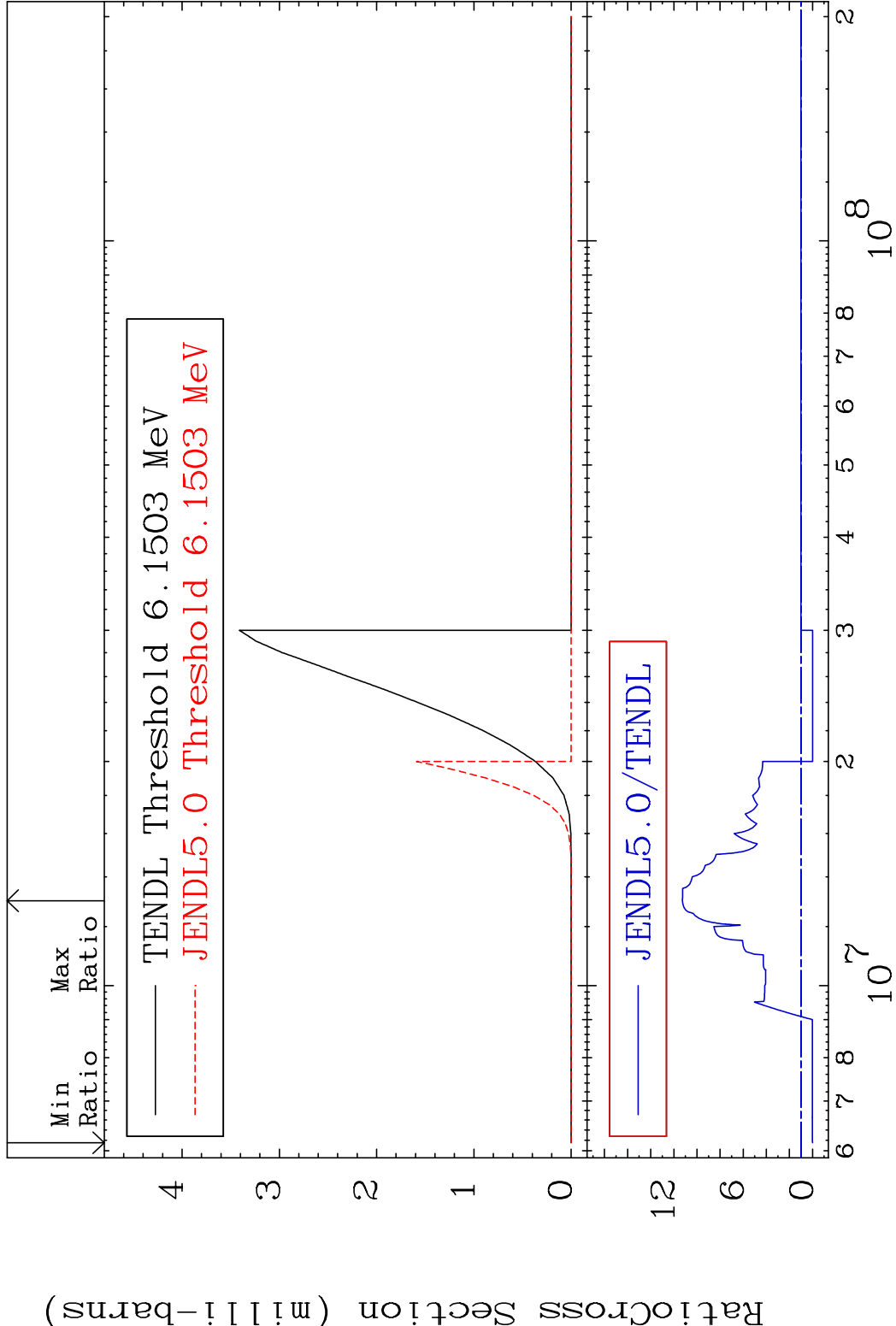


68 Incident Energy (eV) 30-Zn-64

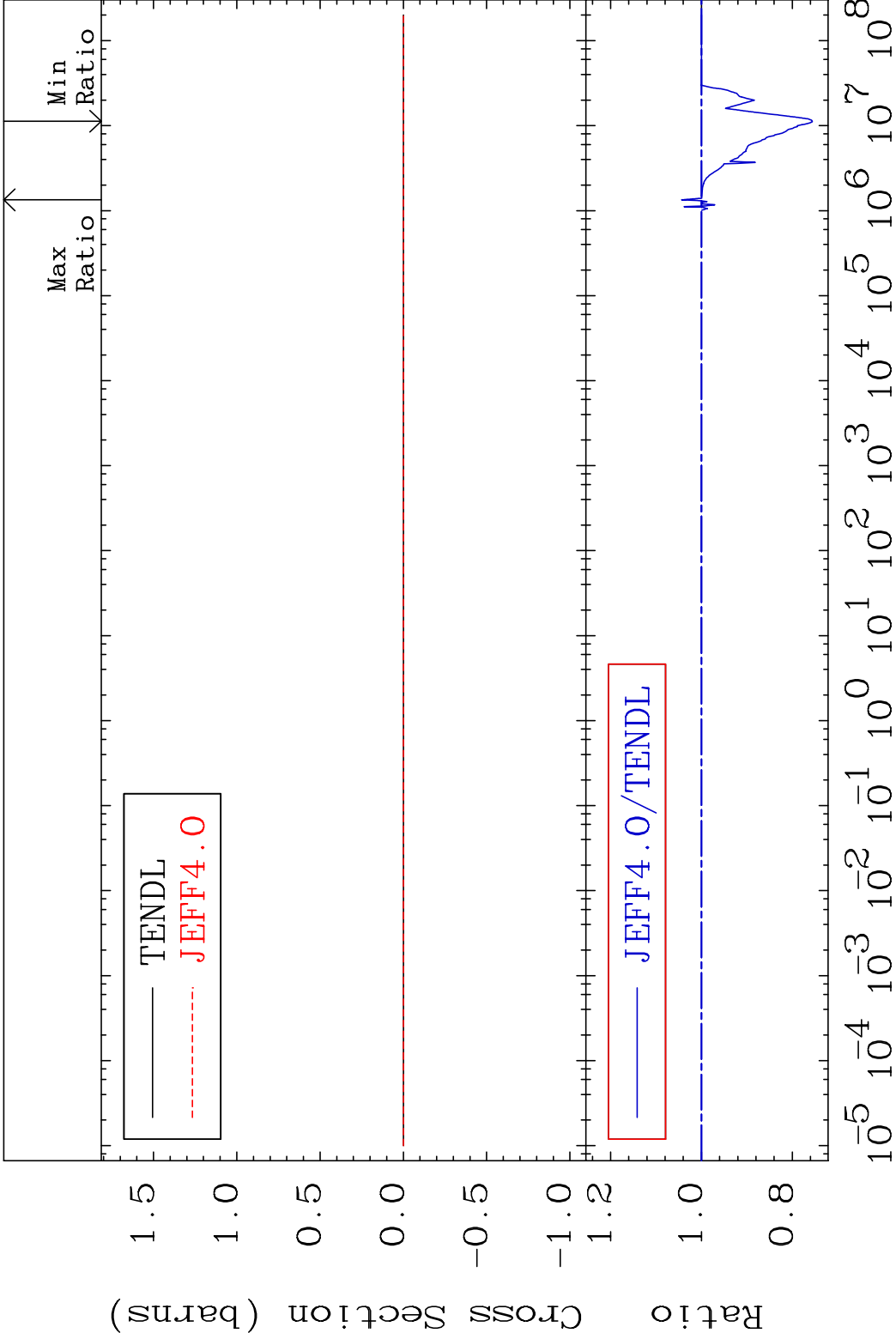
Radionuclide Production Cross Section (mb)



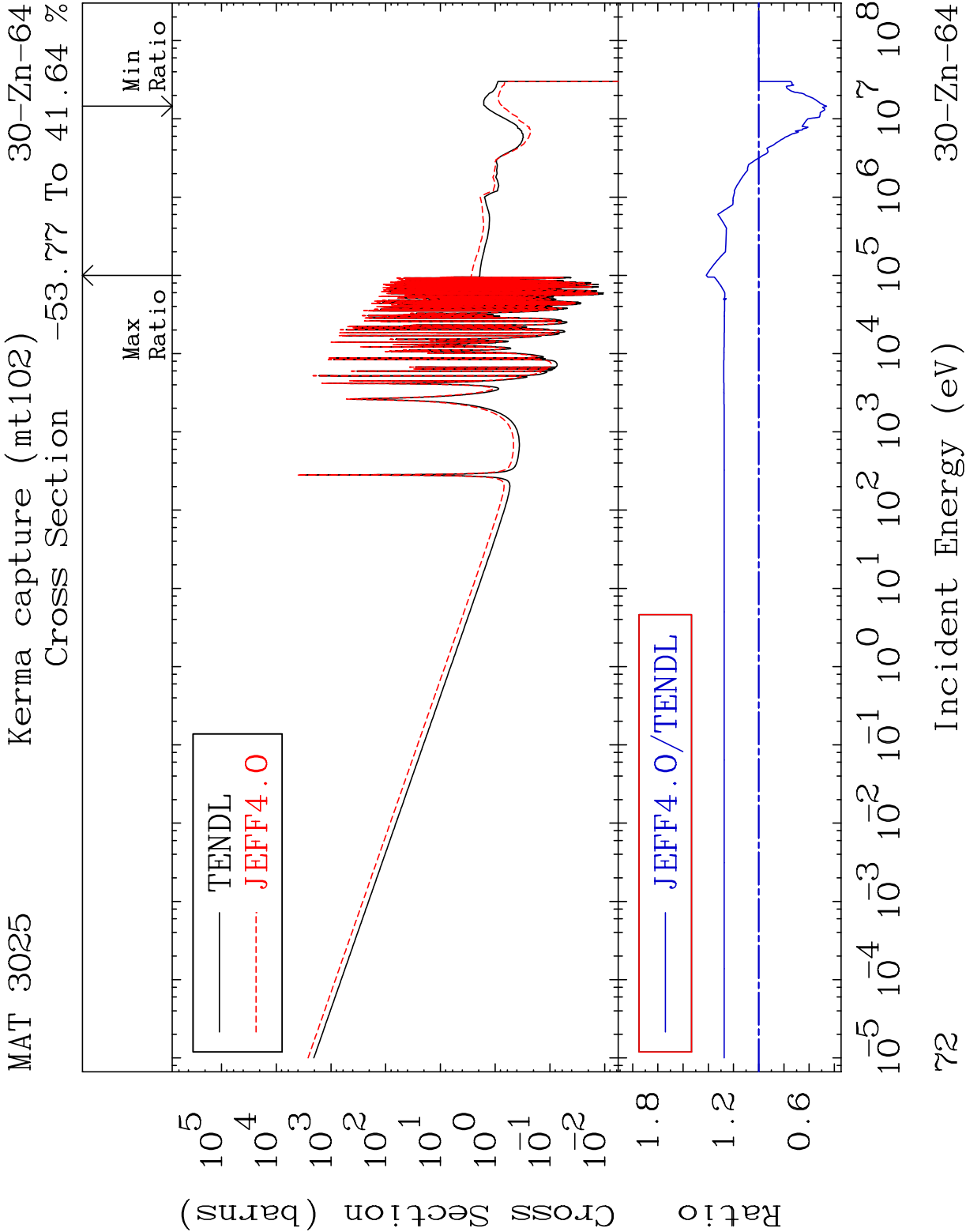
Radionuclide Production Cross Section (mb)



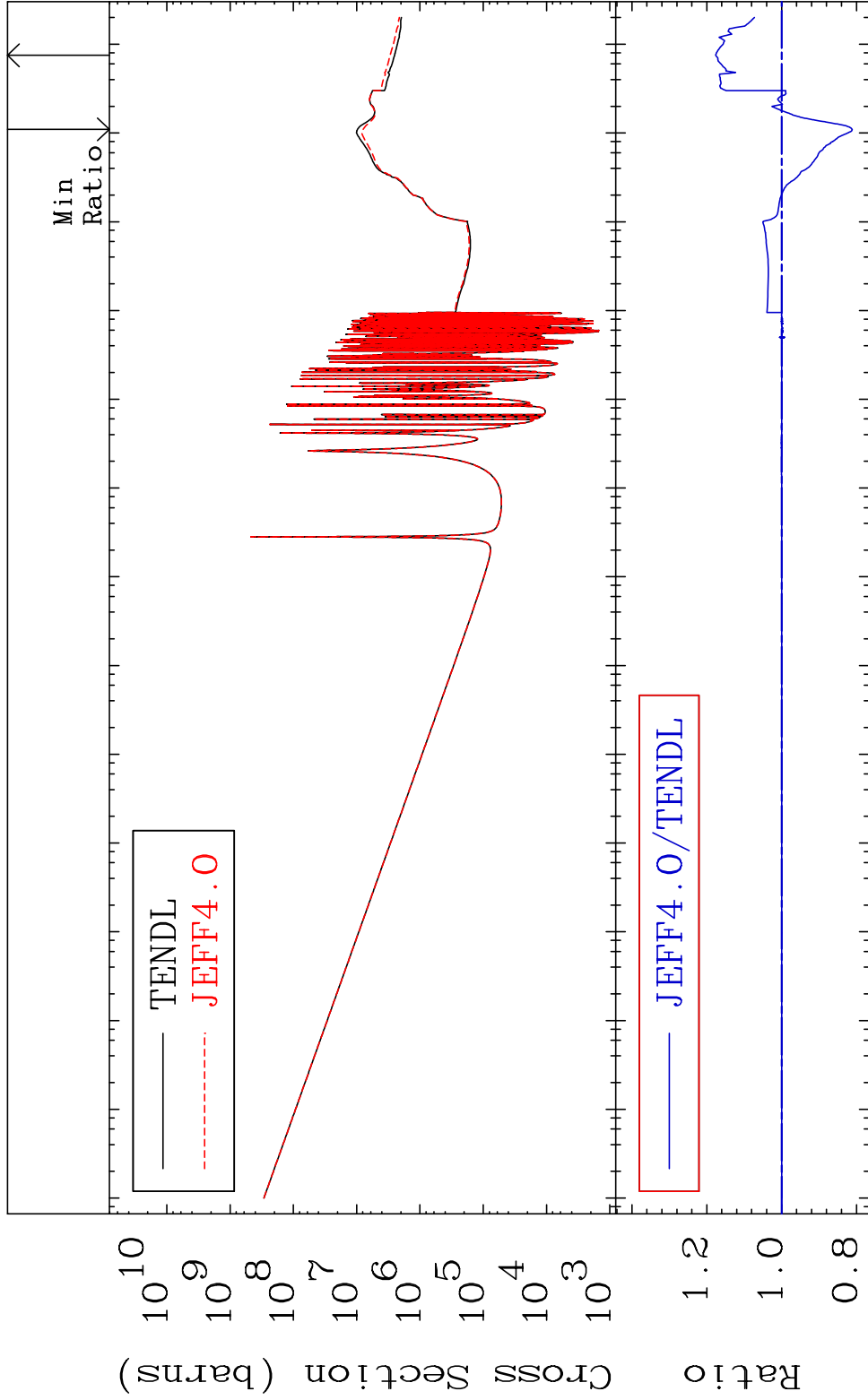
MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64
Cross Section -24.39 To 4.381 %



71 Incident Energy (eV) 30-Zn-64

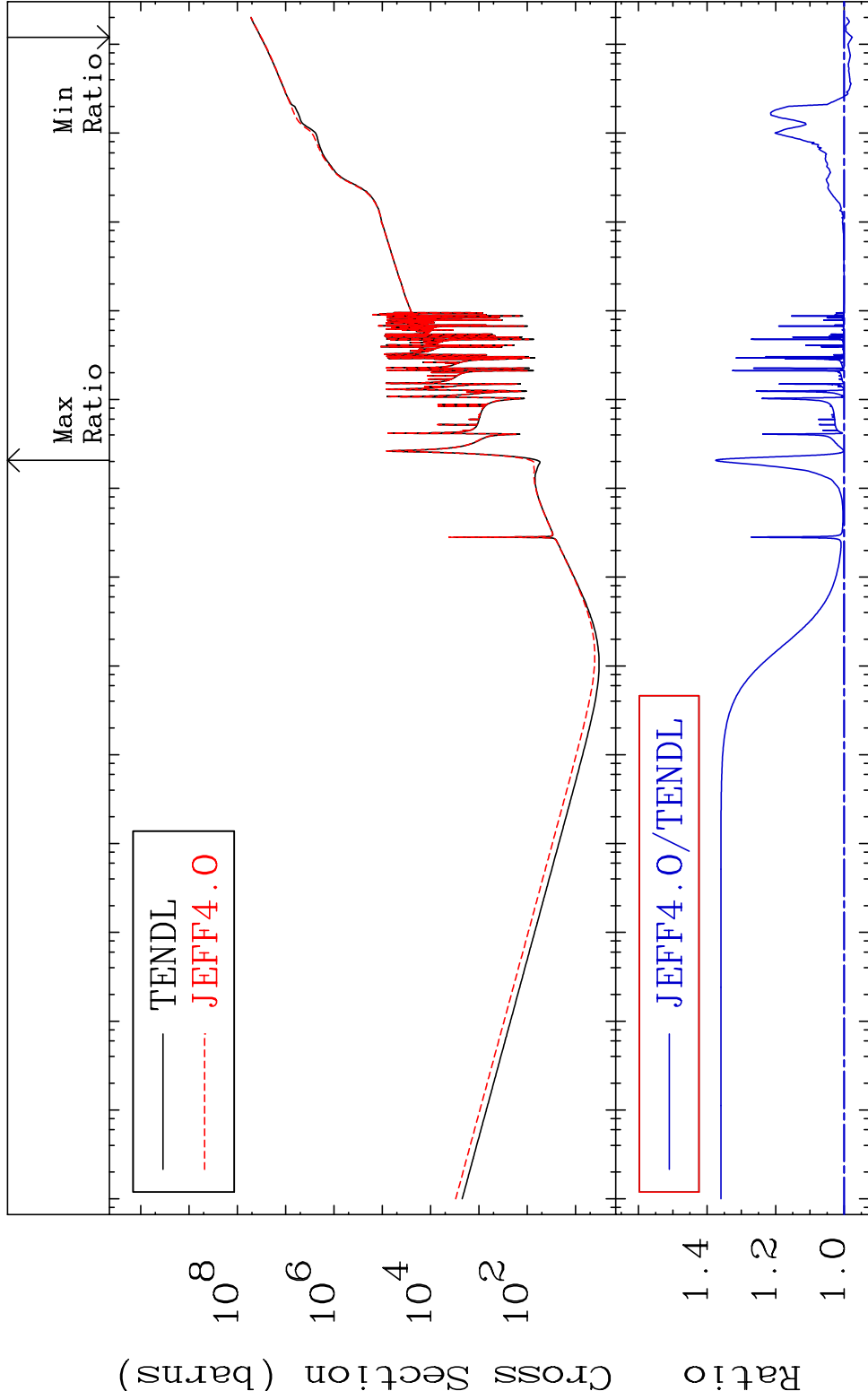


MAT 3025 Total photon (eV-barns) 30-Zn-64
Cross Section -18.86 To 17.63 %

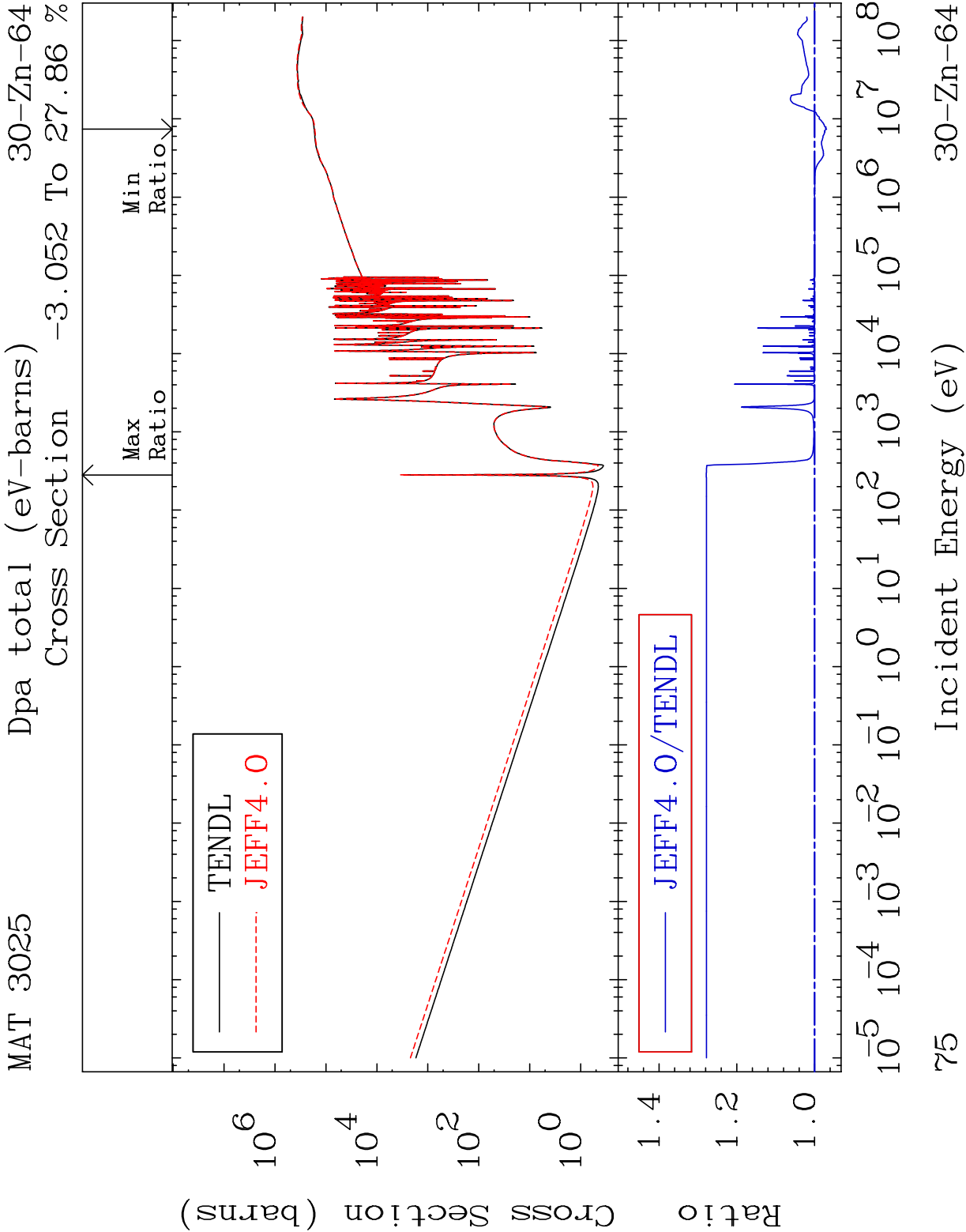


MAT 3025 Total kinematic kerma (high limit) 30-Zn-64

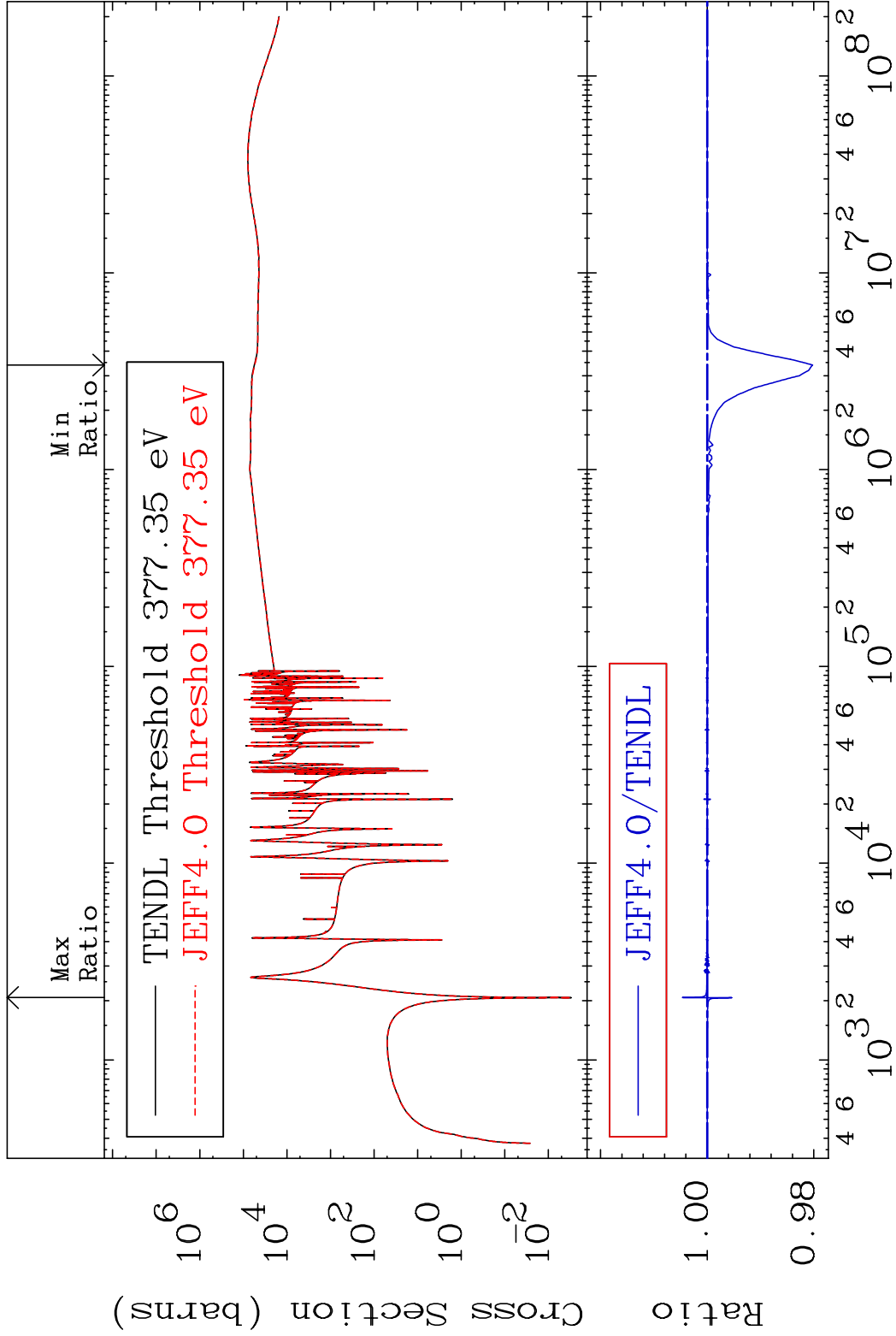
Cross Section -2.337 To 37.49 %



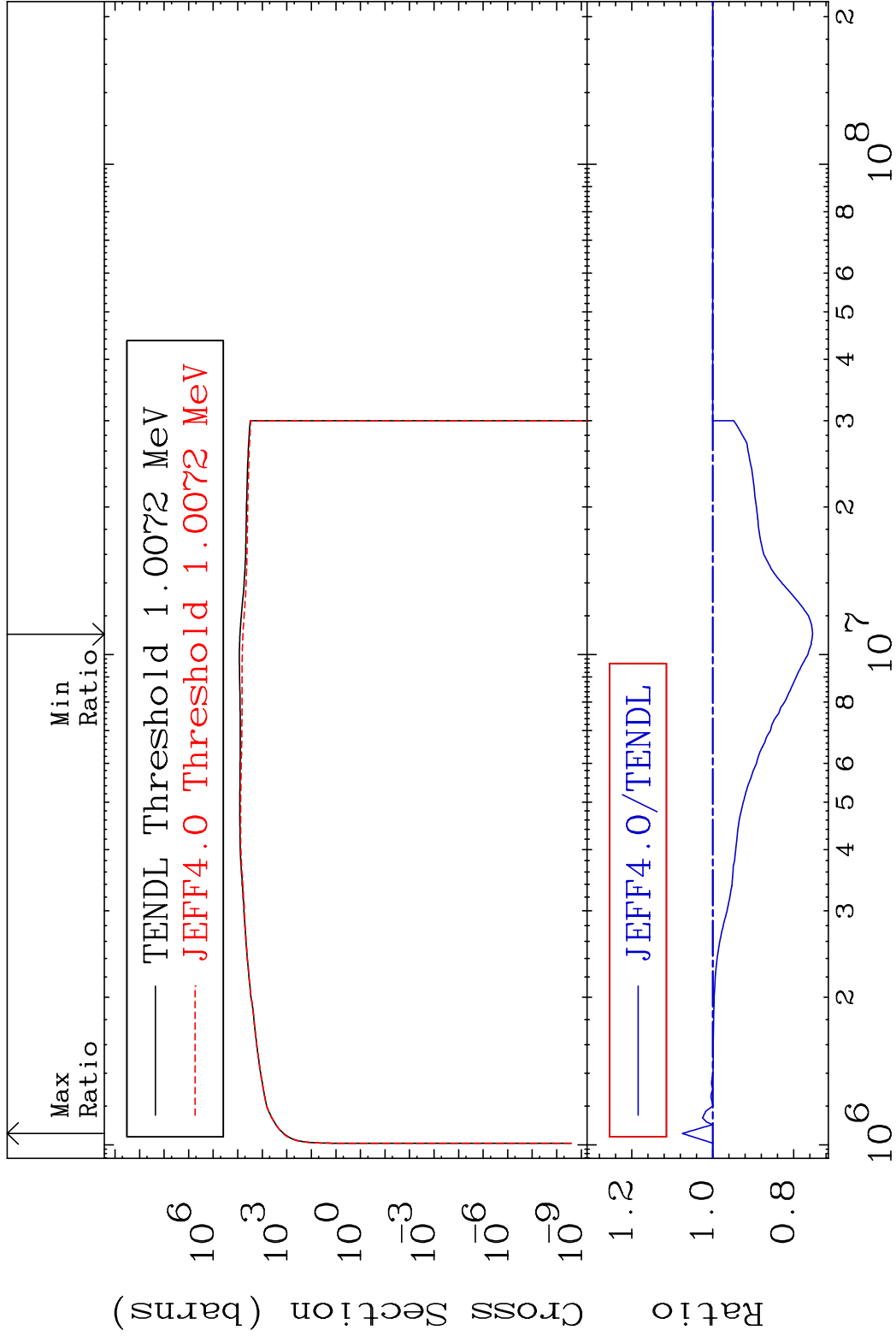
74 Incident Energy (eV) 30-Zn-64



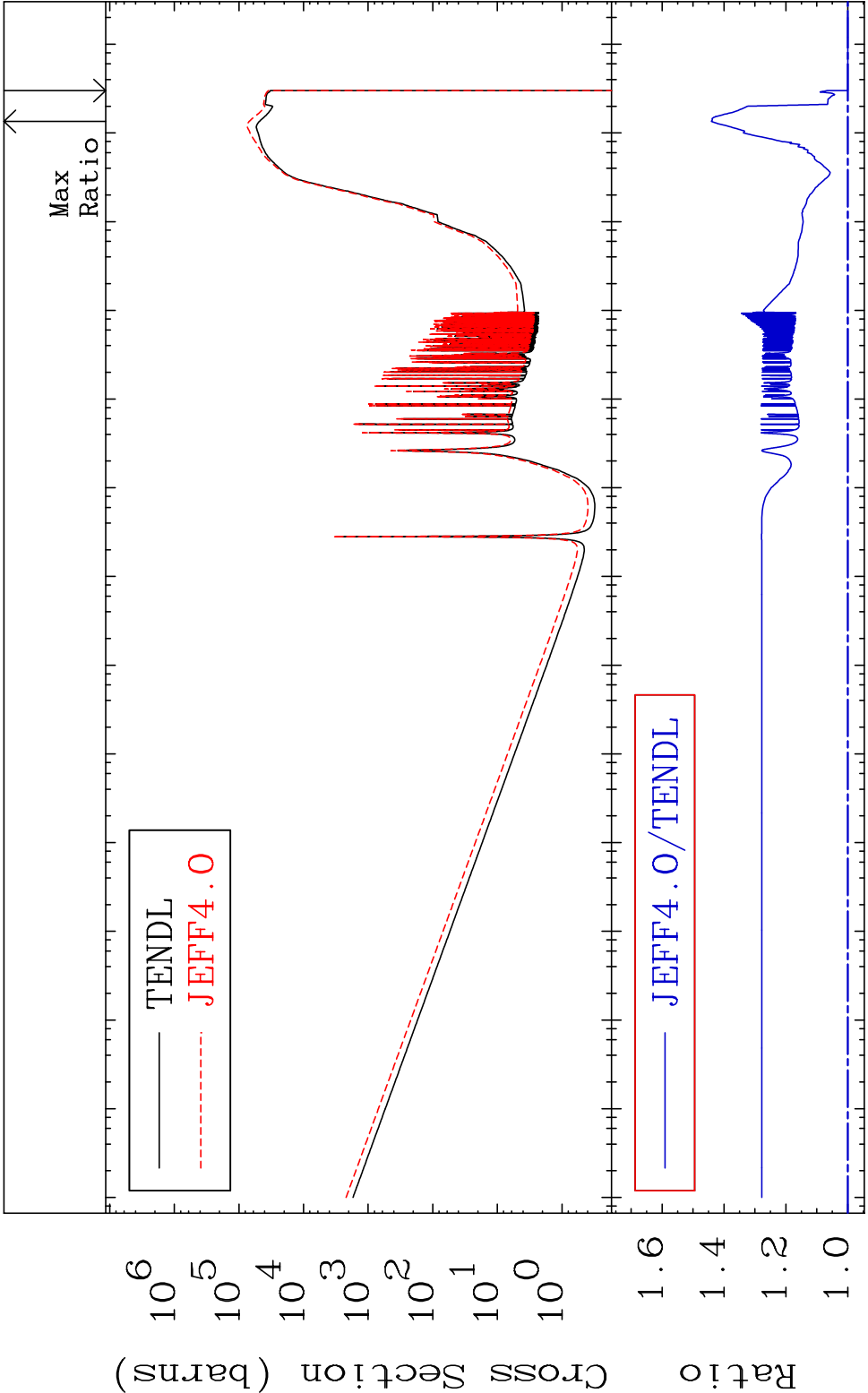
MAT 3025 Dpa elastic (mt2) 30-Zn-64
Cross Section -1.977 To 0.466 %



76 Incident Energy (eV) 30-Zn-64



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



10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

78 Incident Energy (eV) 30-Zn-64

