

Program Complot
(Version 2021-1)

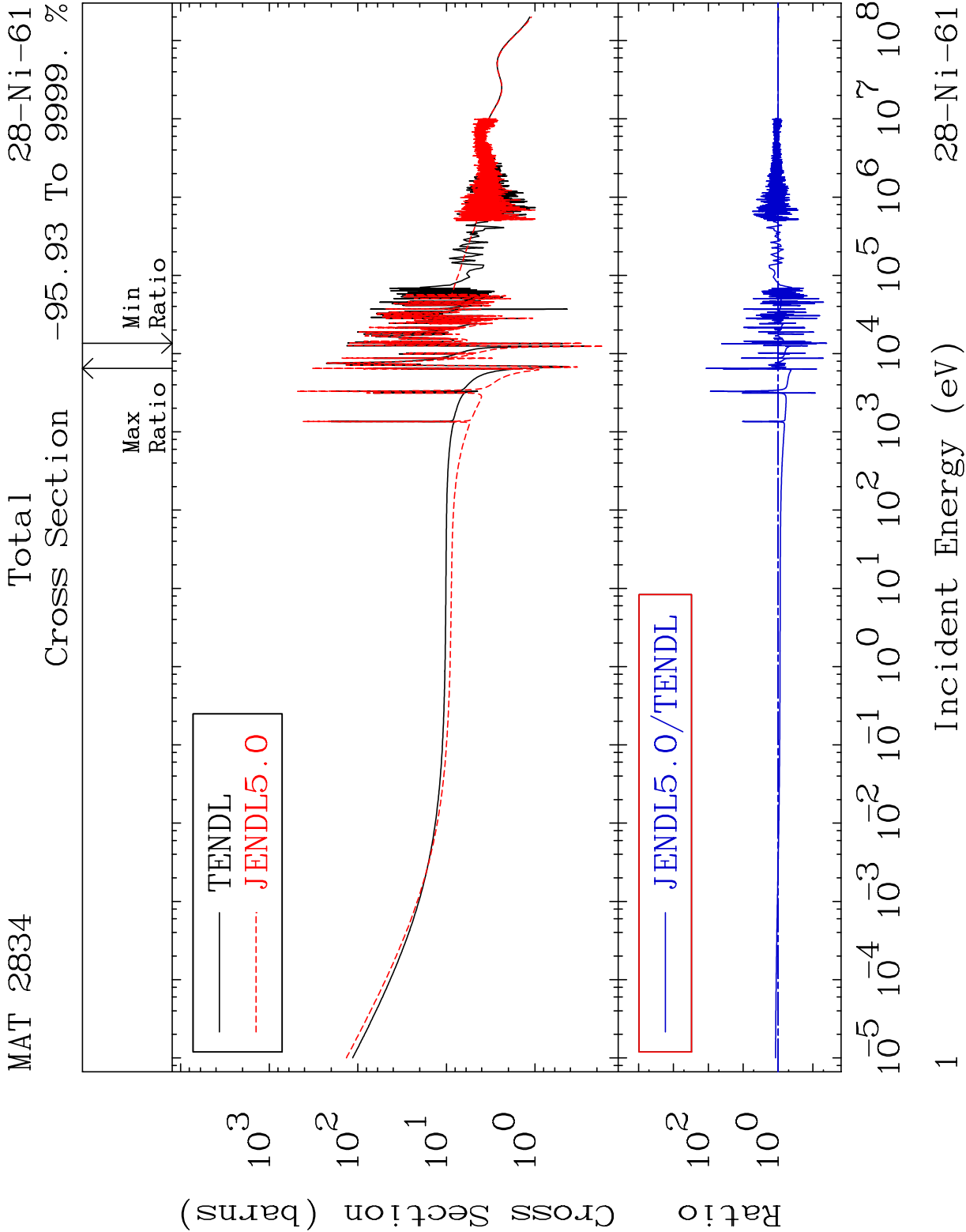
by

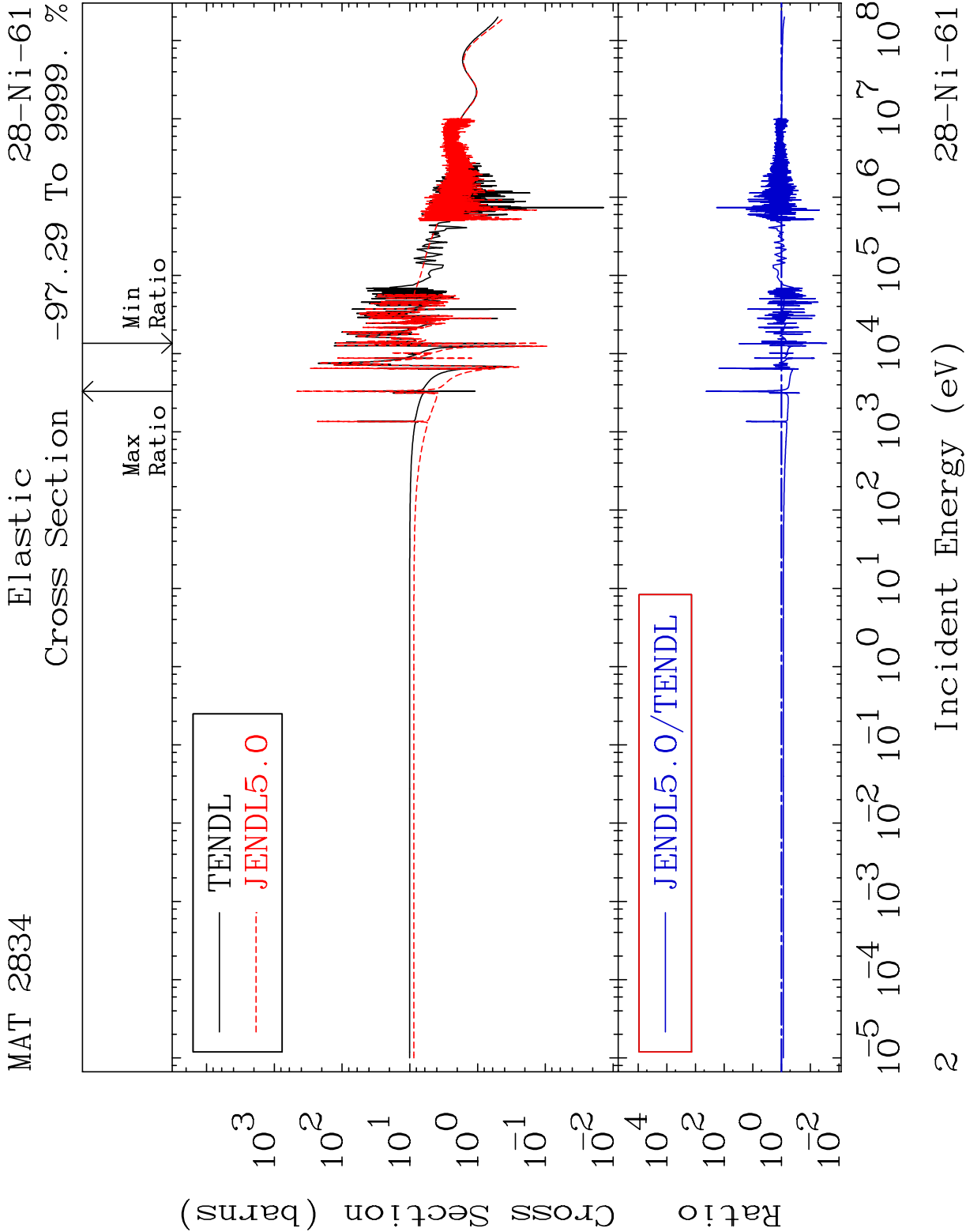
Dermott E. Cullen
(Present Contact Information)

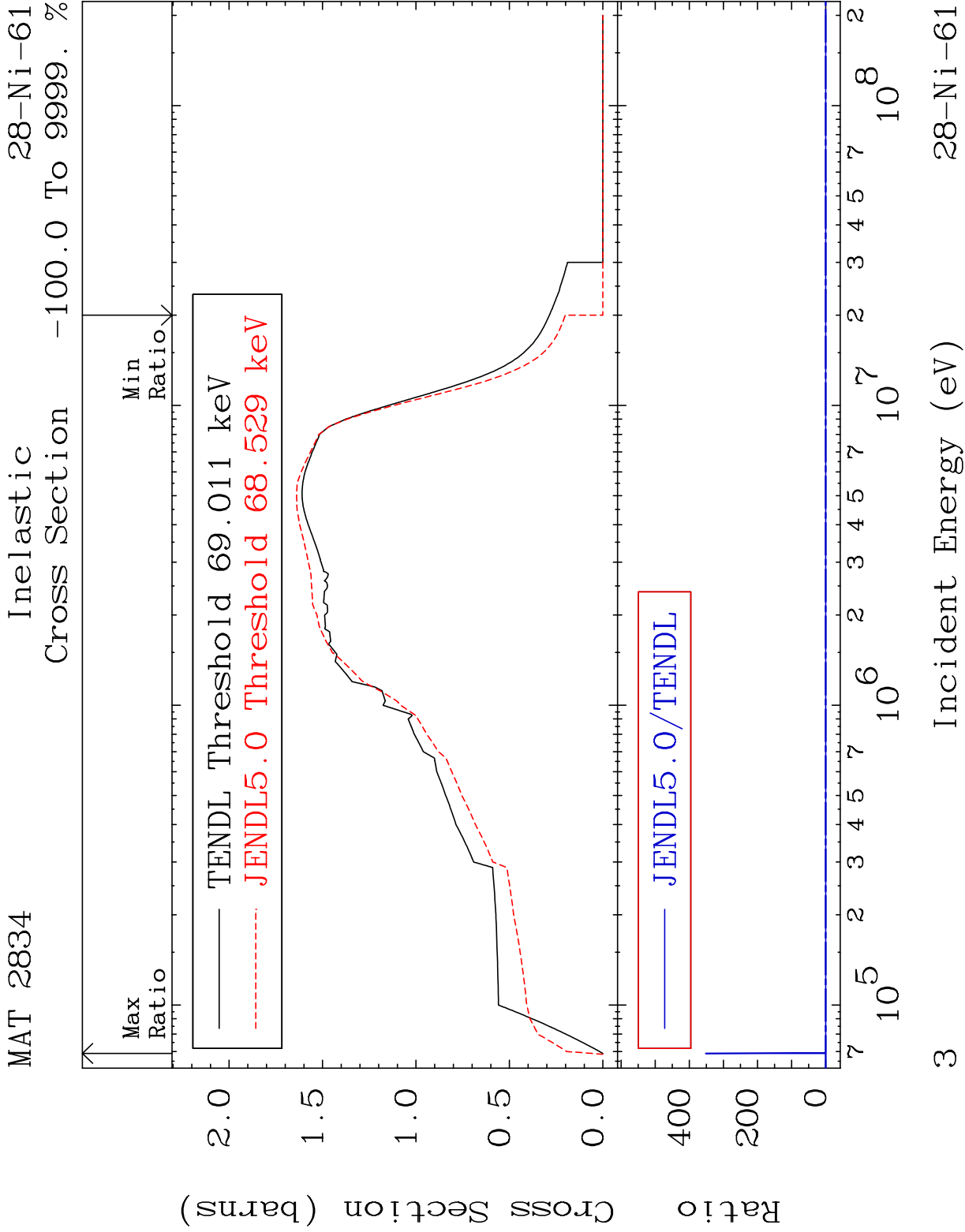
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

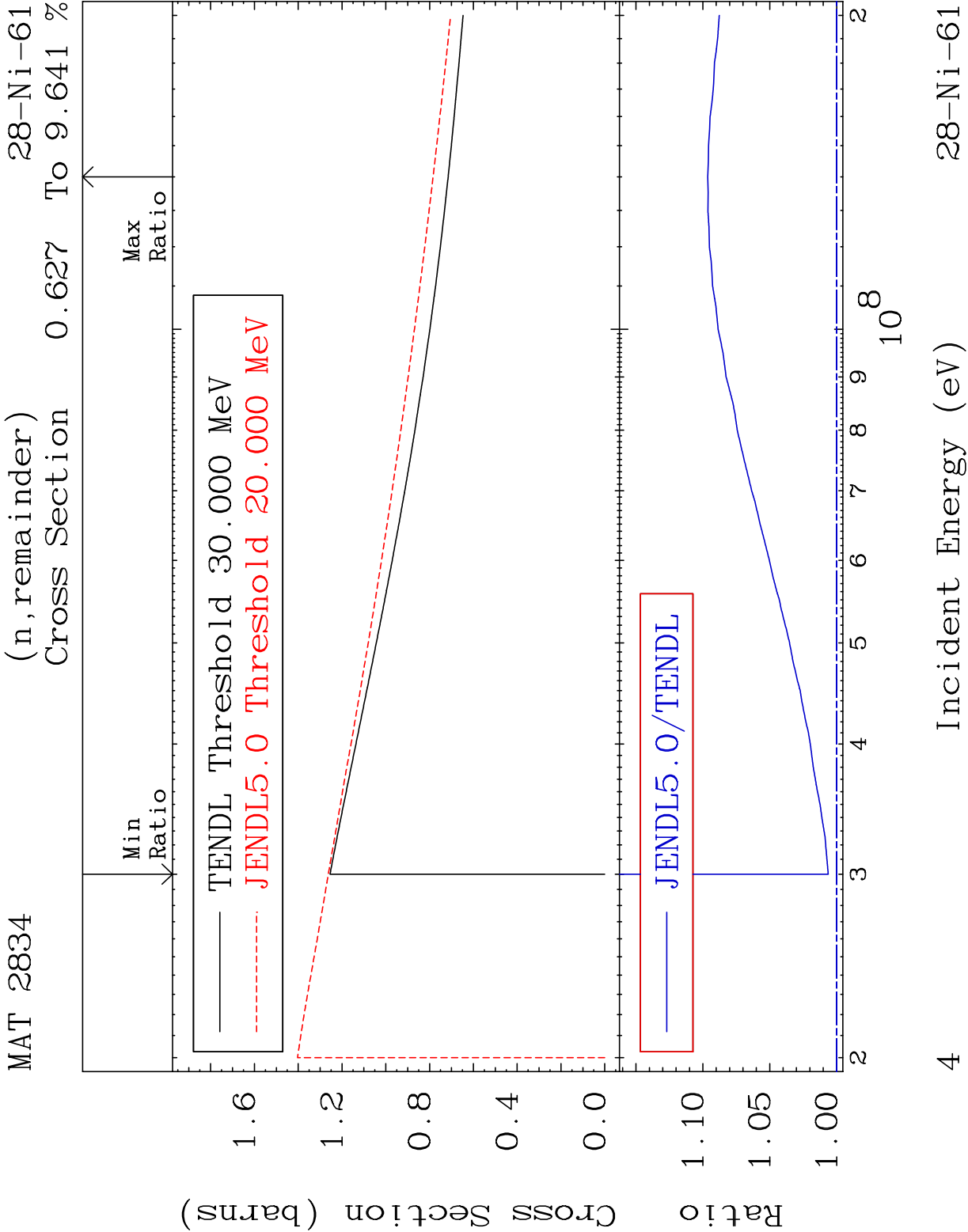
Tele: 925-443-1911
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

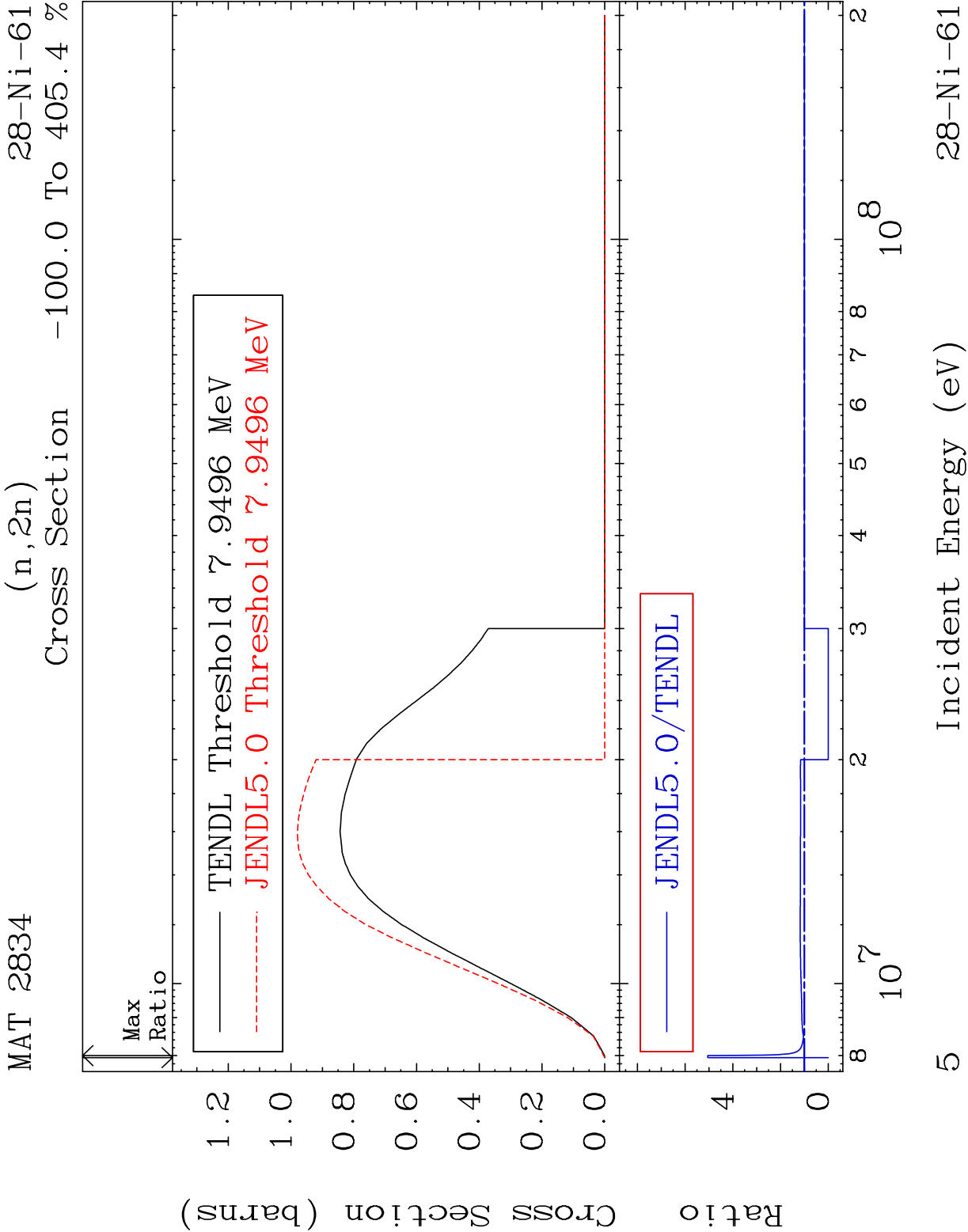
Press Mouse Button to Start

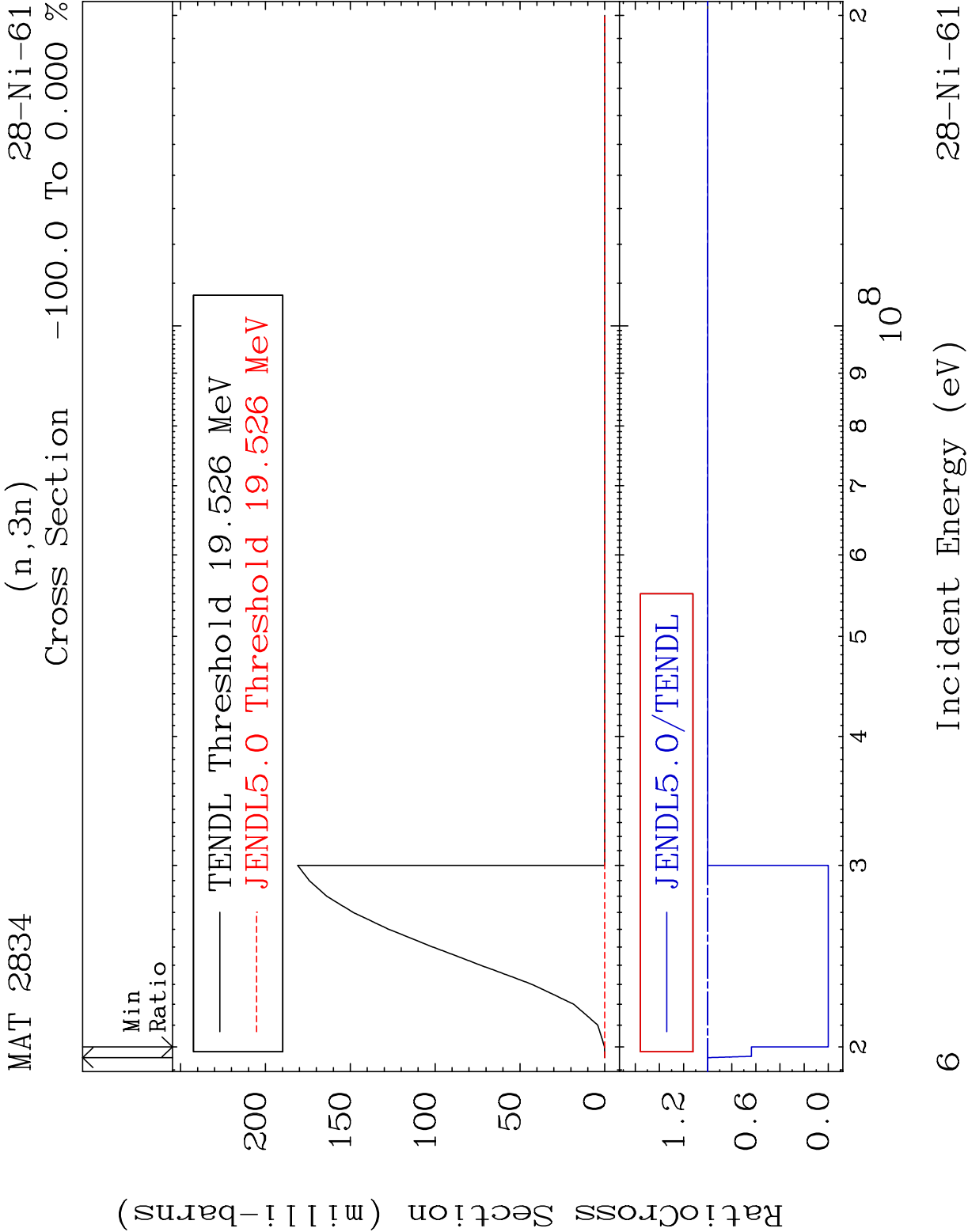


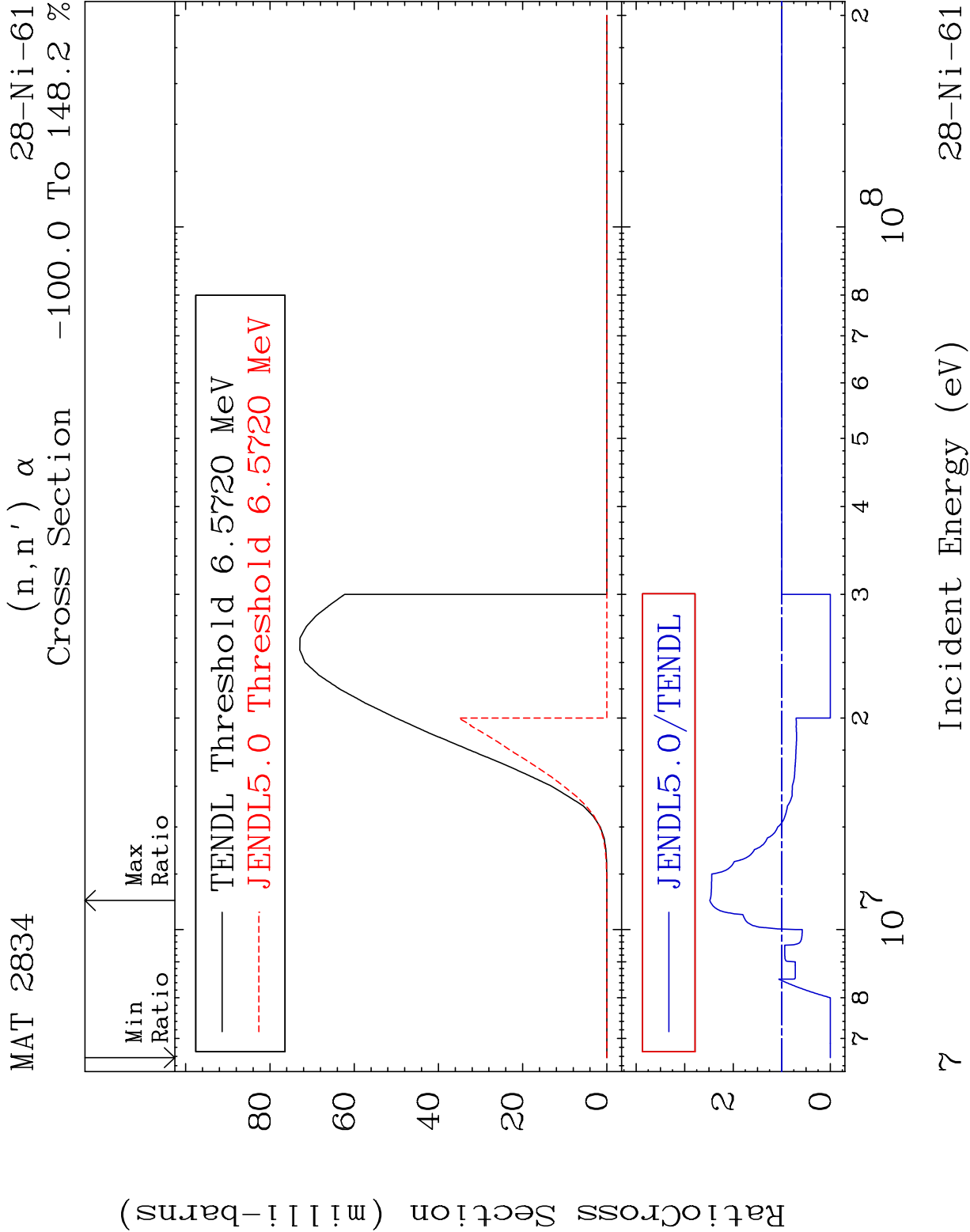


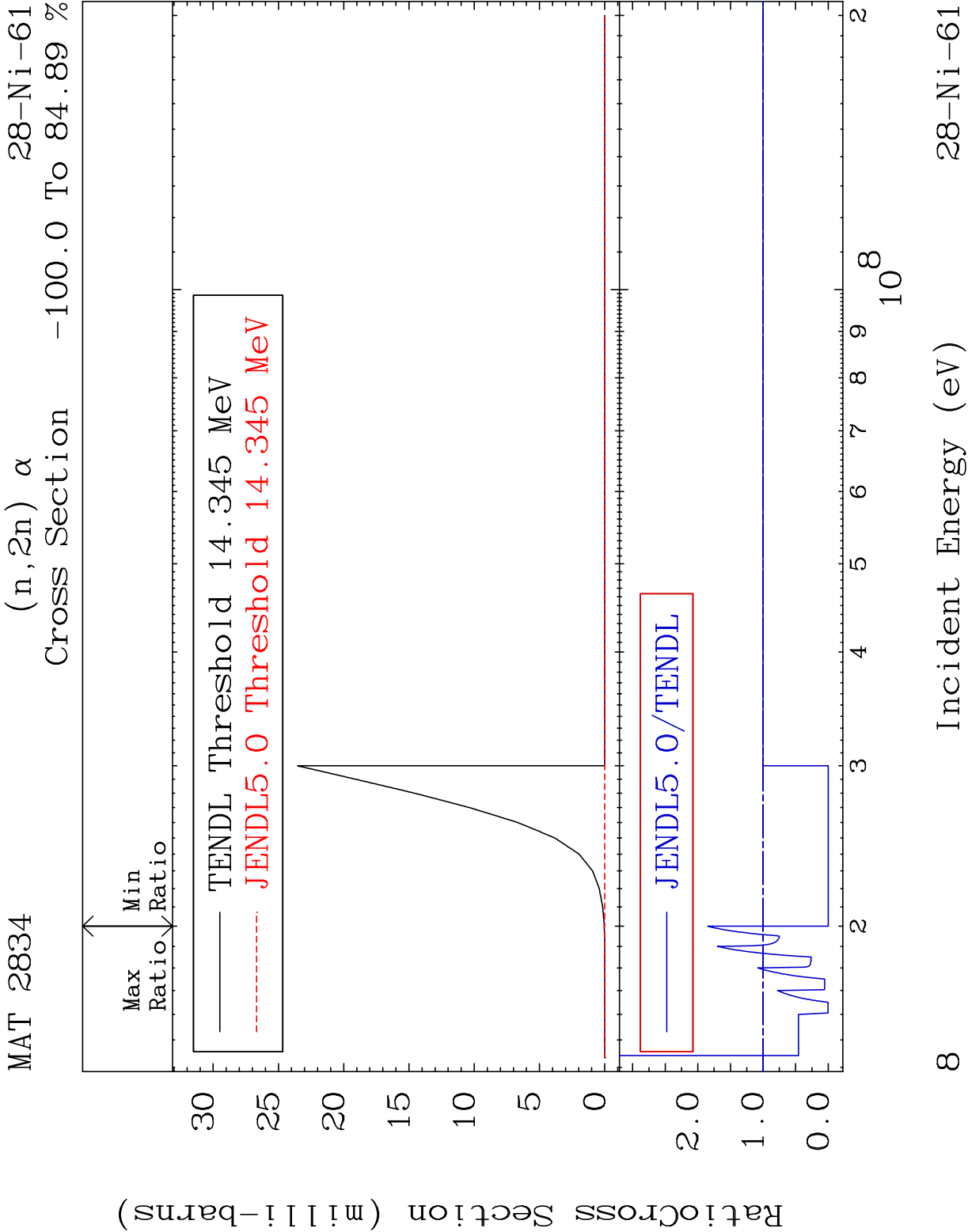


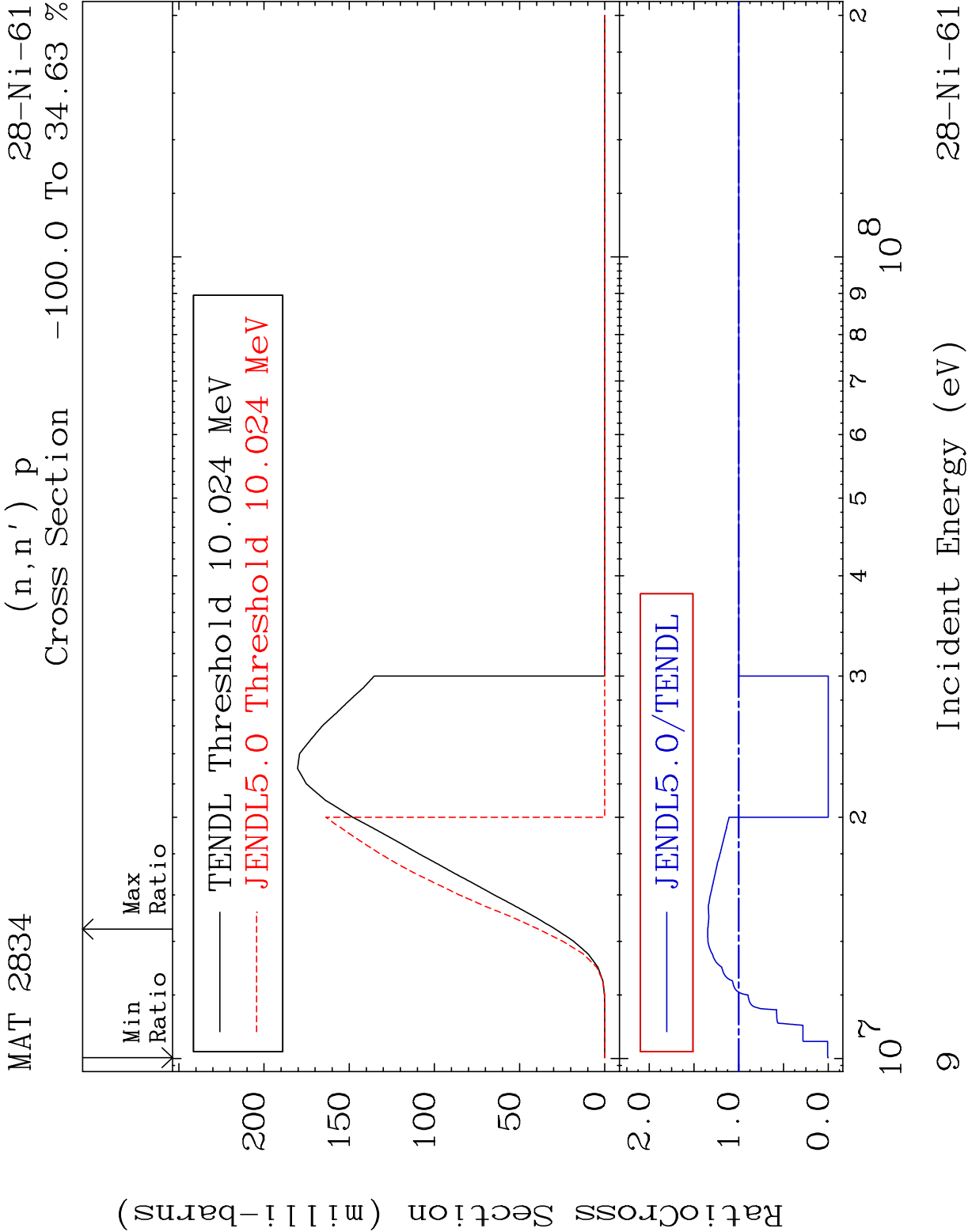


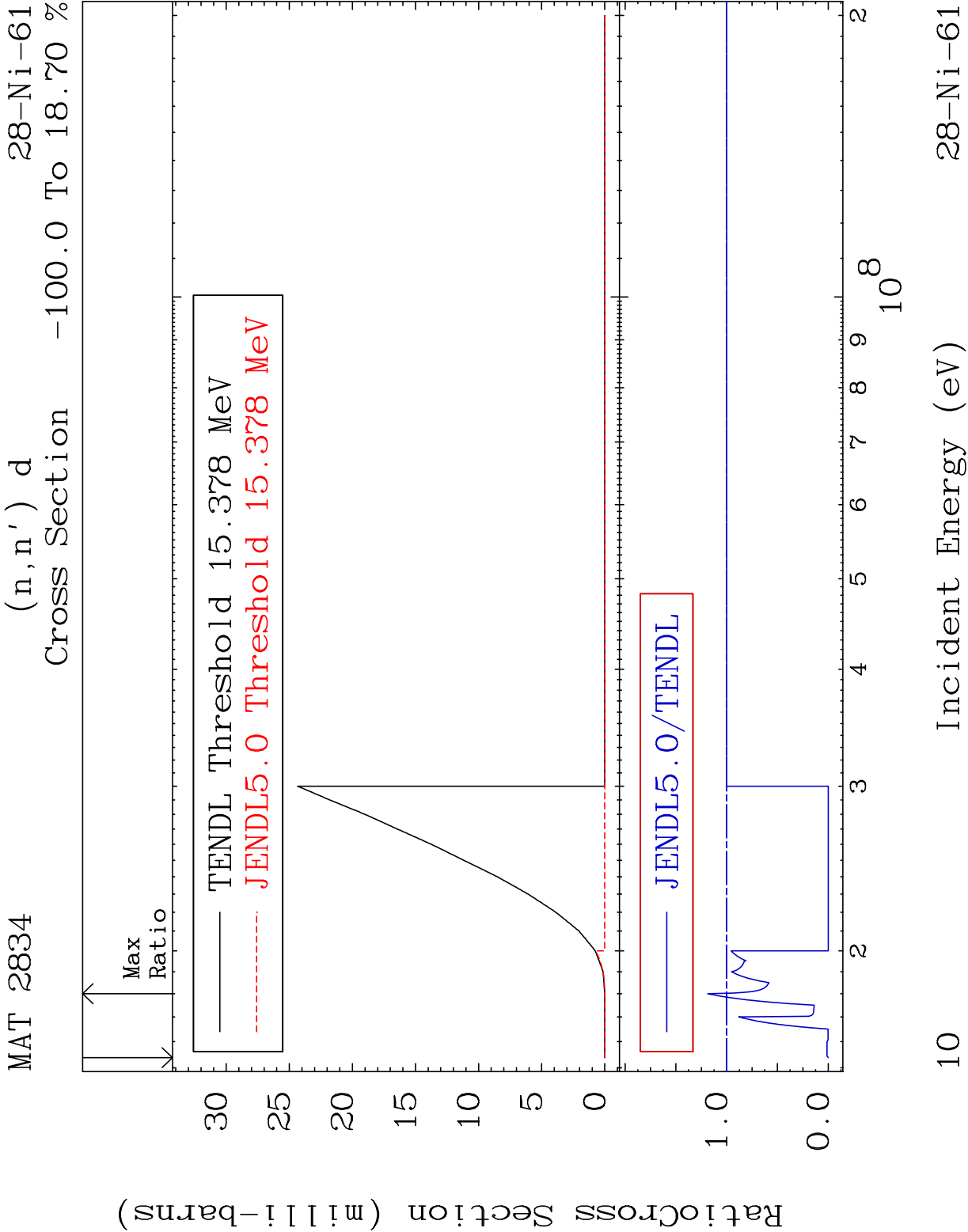


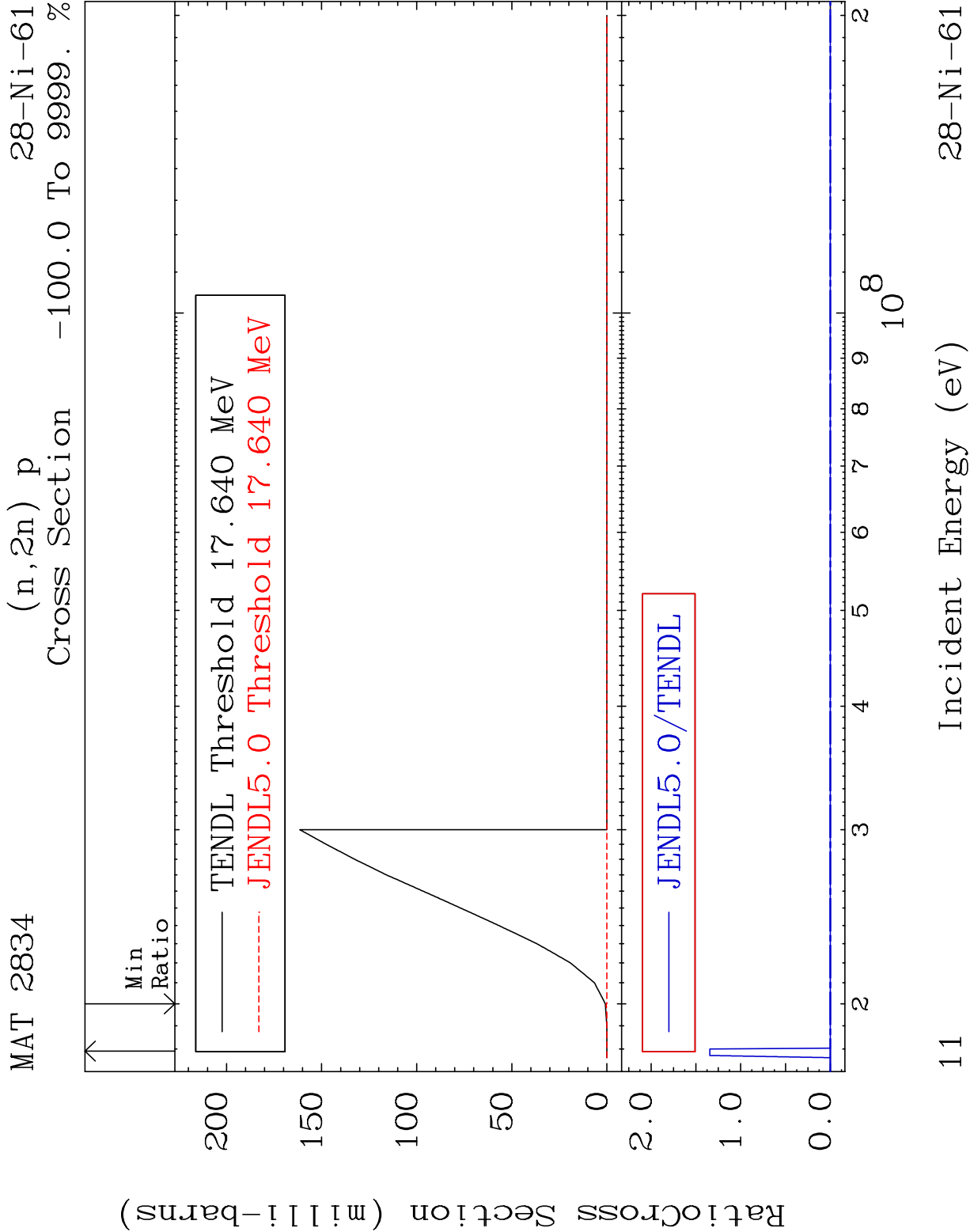


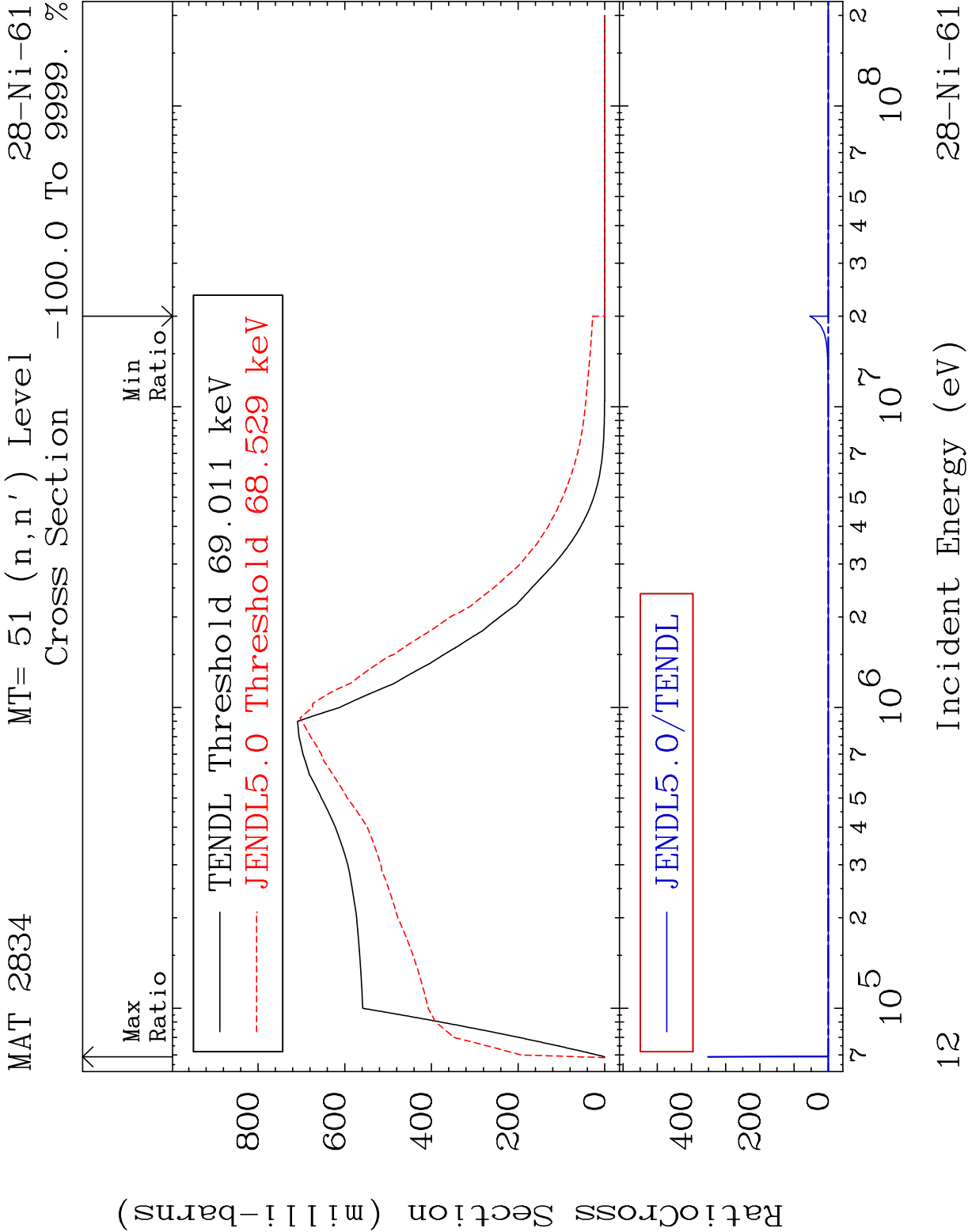




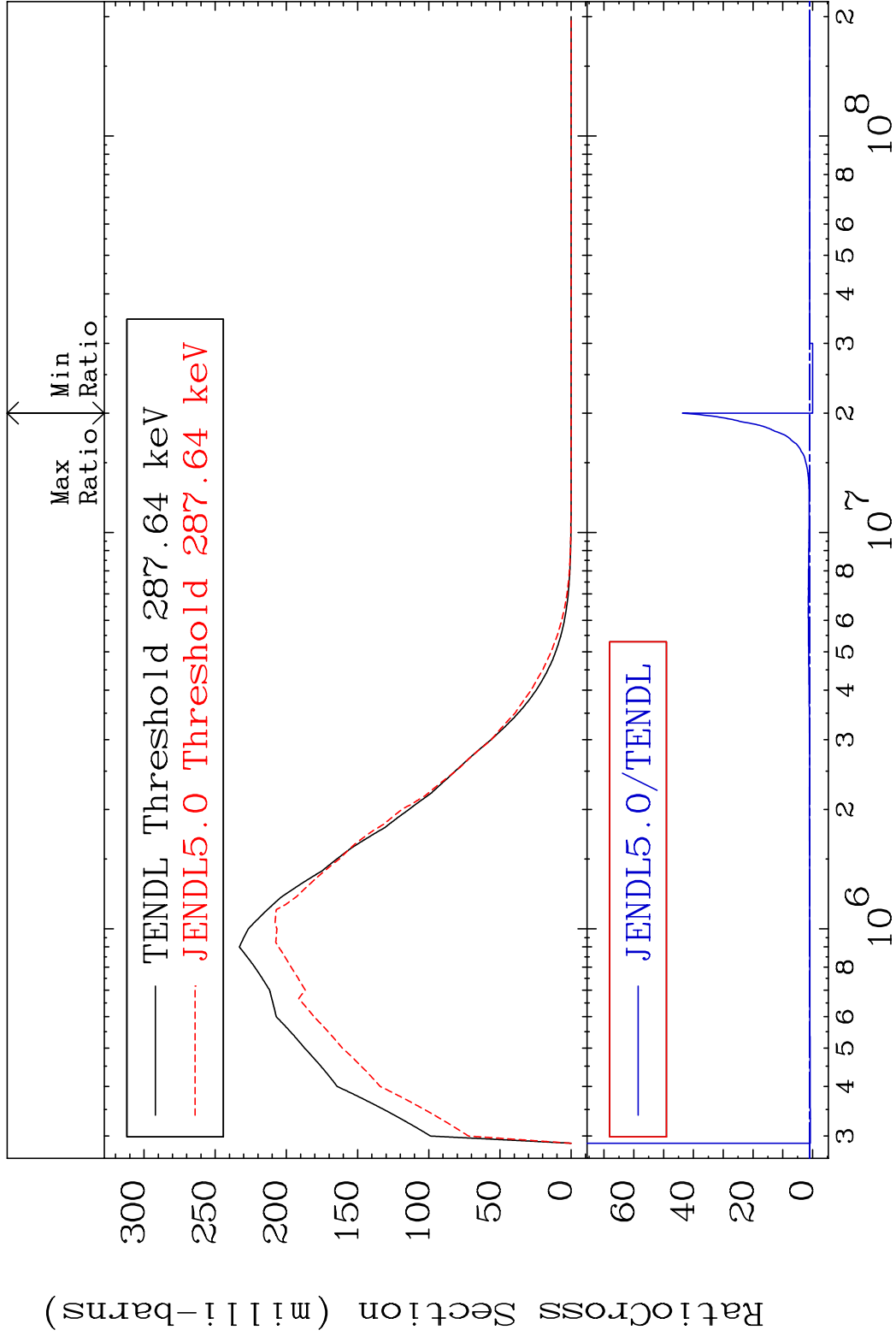


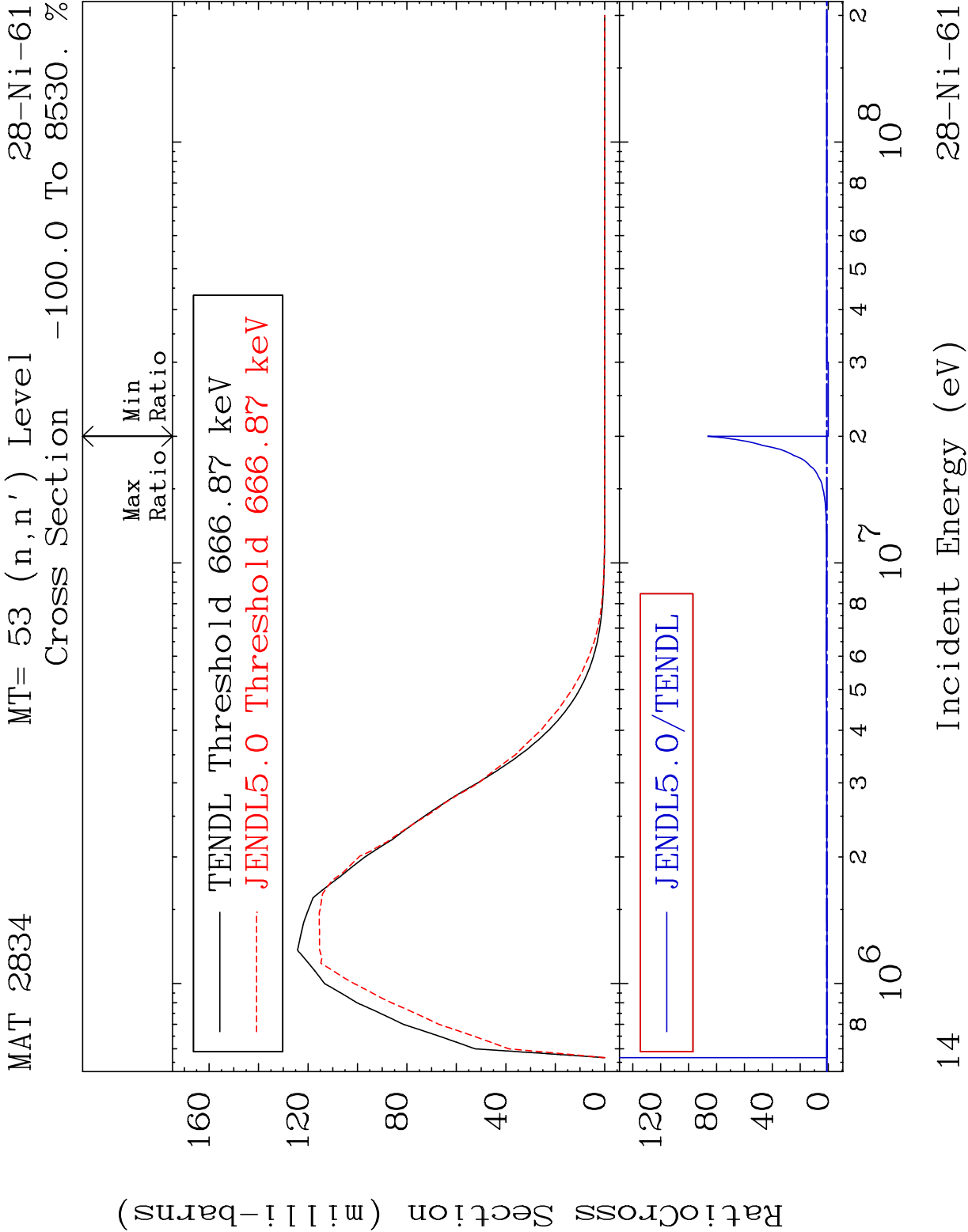


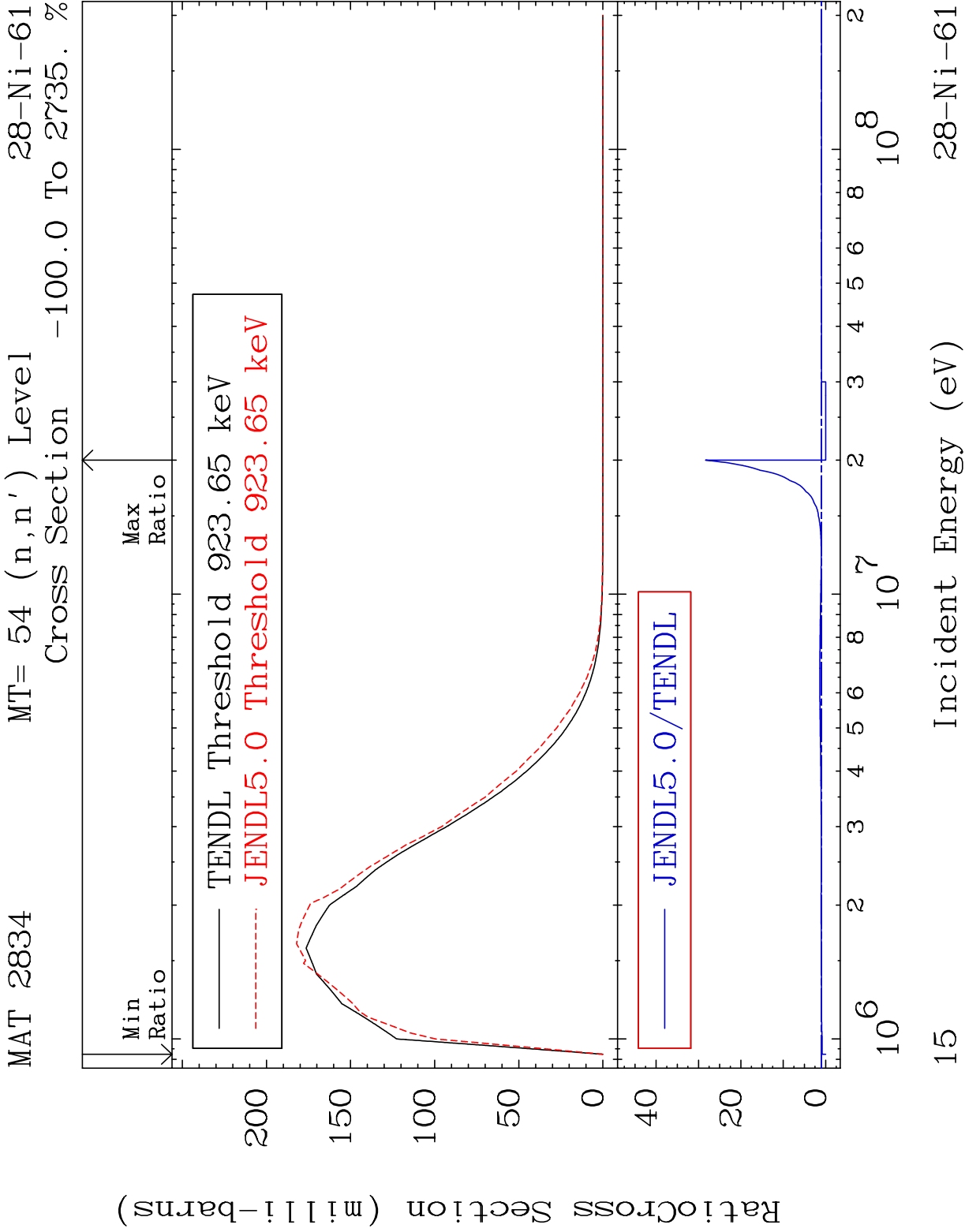


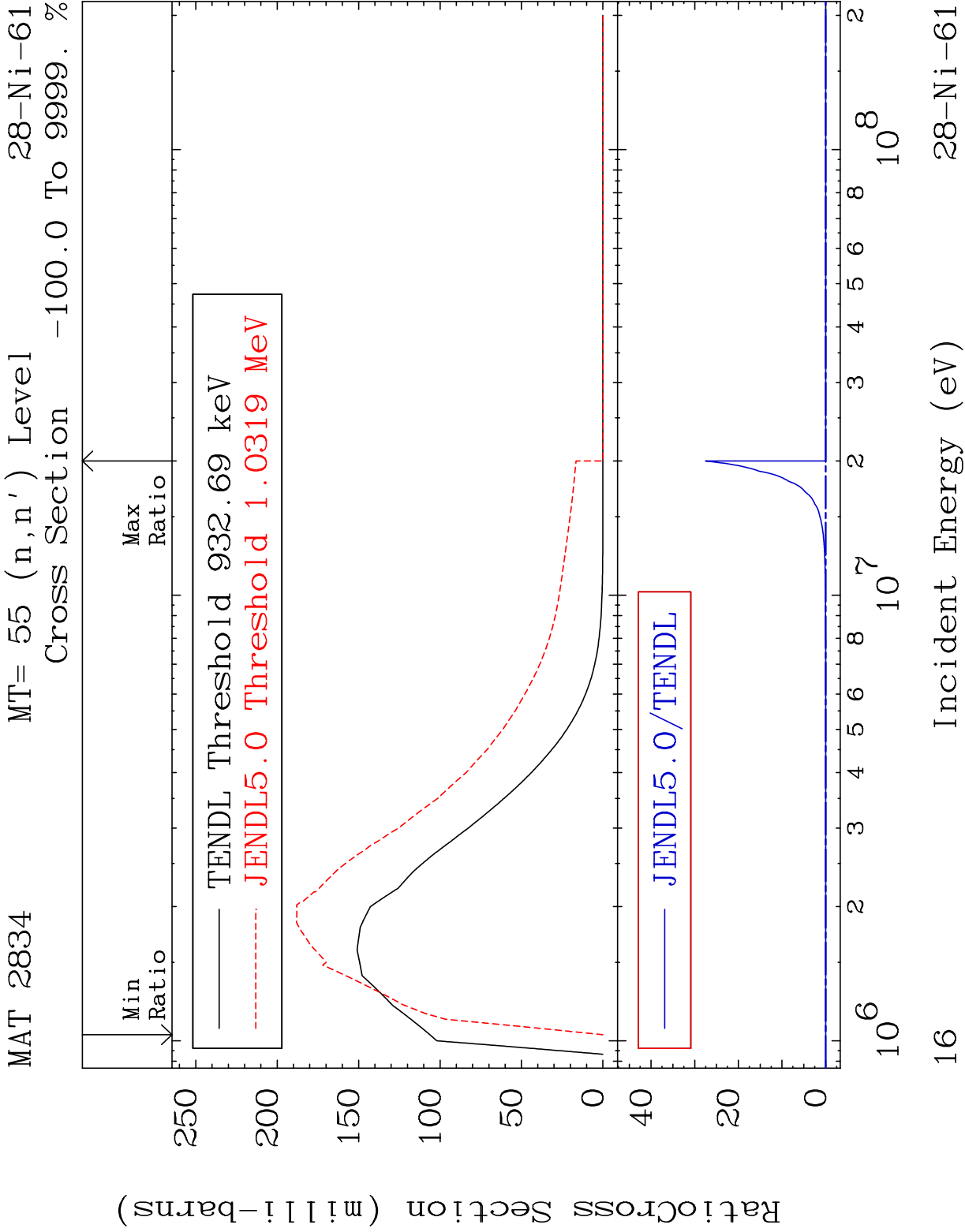


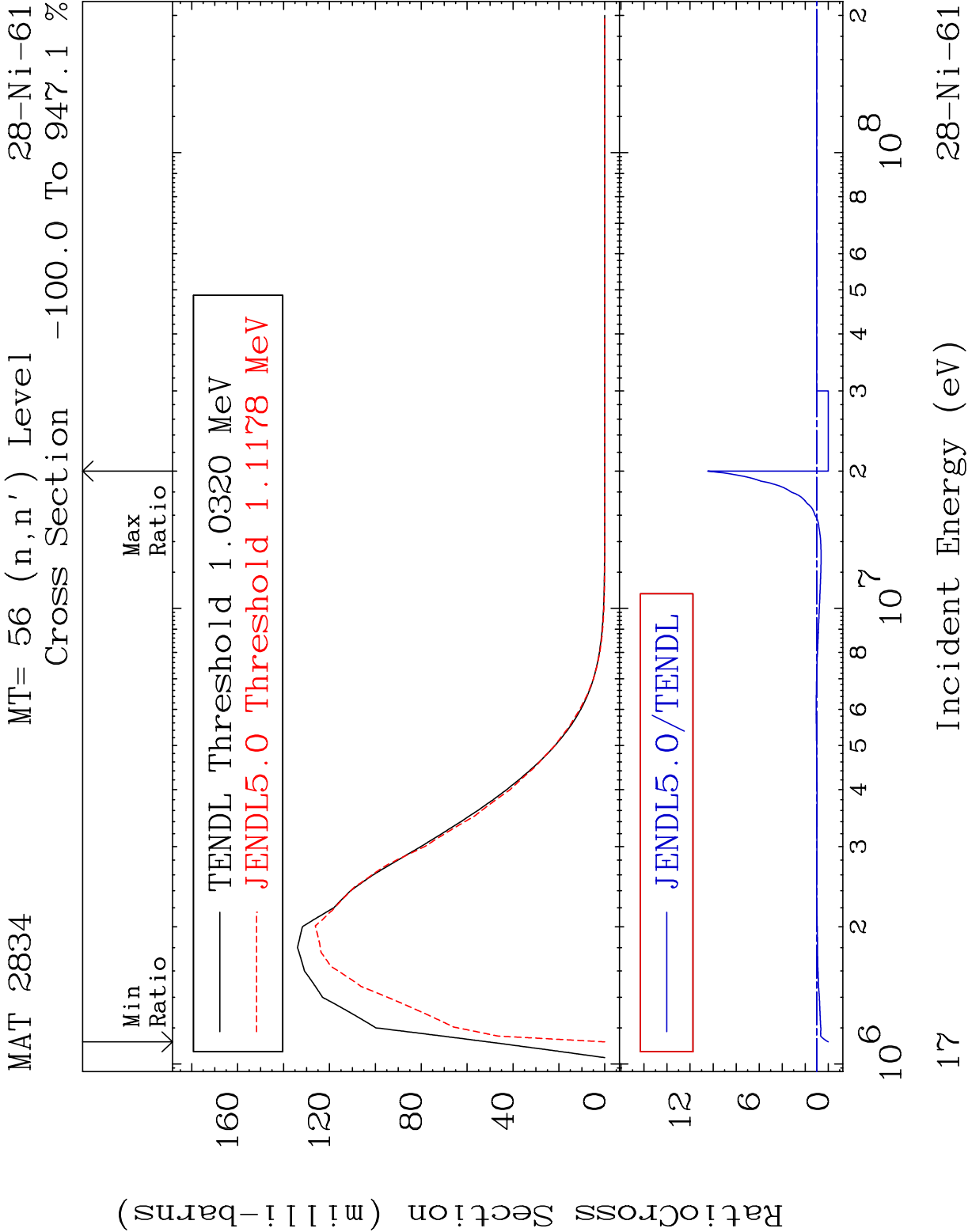
MAT 2834 MT= 52 (n,n') Level 28-Ni-61
Cross Section -100.0 To 4271. %



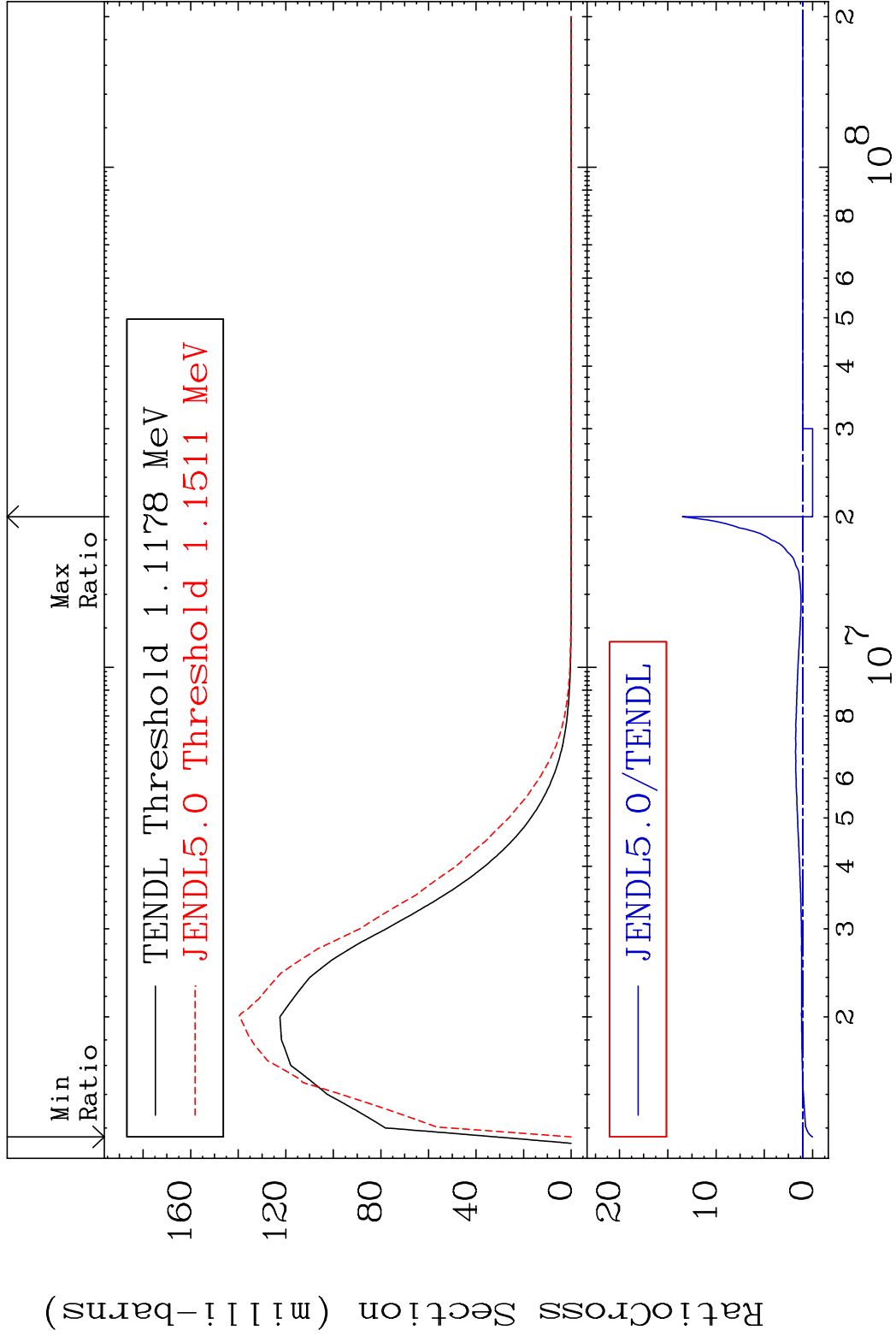








MAT 2834 MT= 57 (n,n') Level 28-Ni-61
Cross Section -100.0 To 1249. %



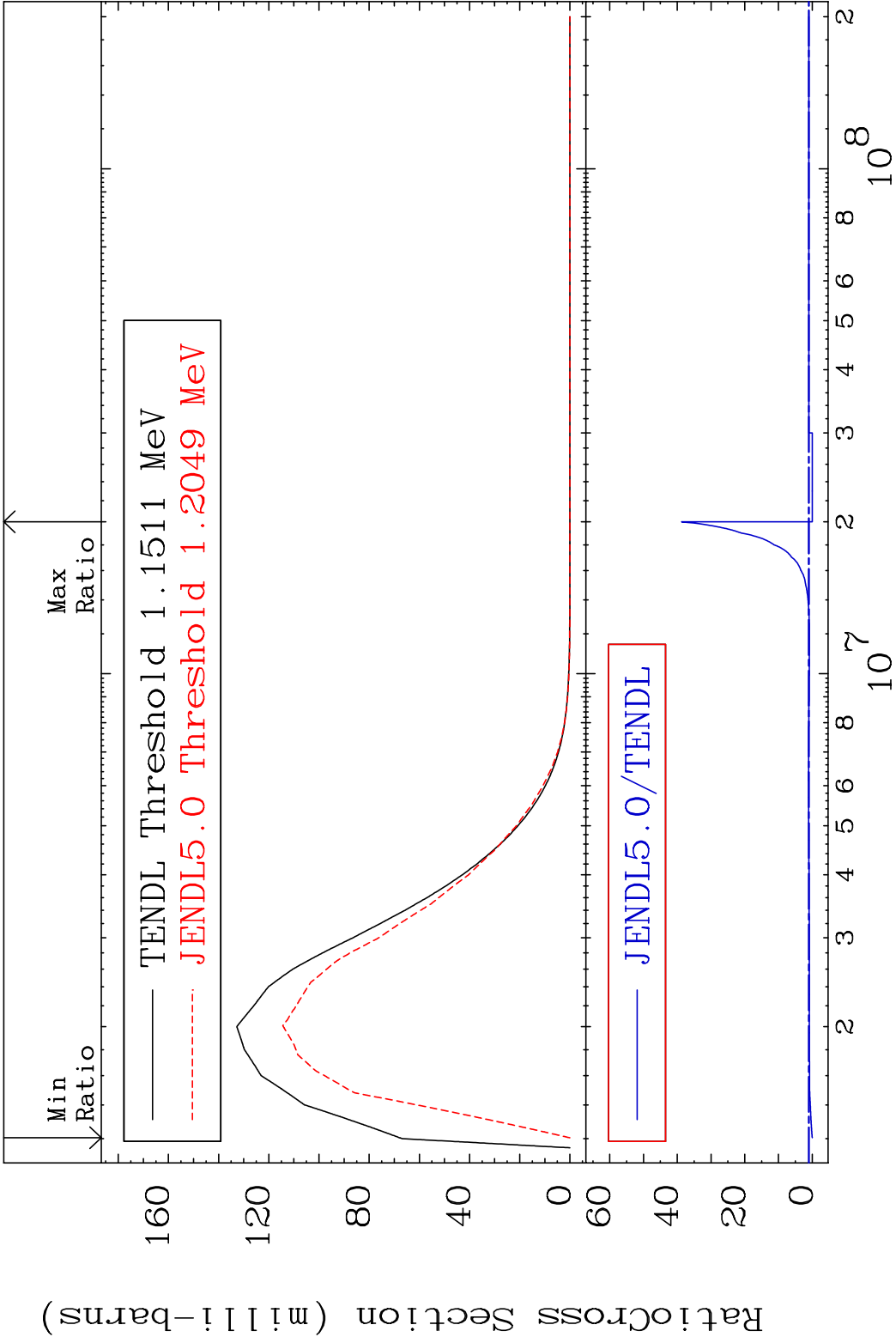
MAT 2834

MT= 58 (n,n') Level

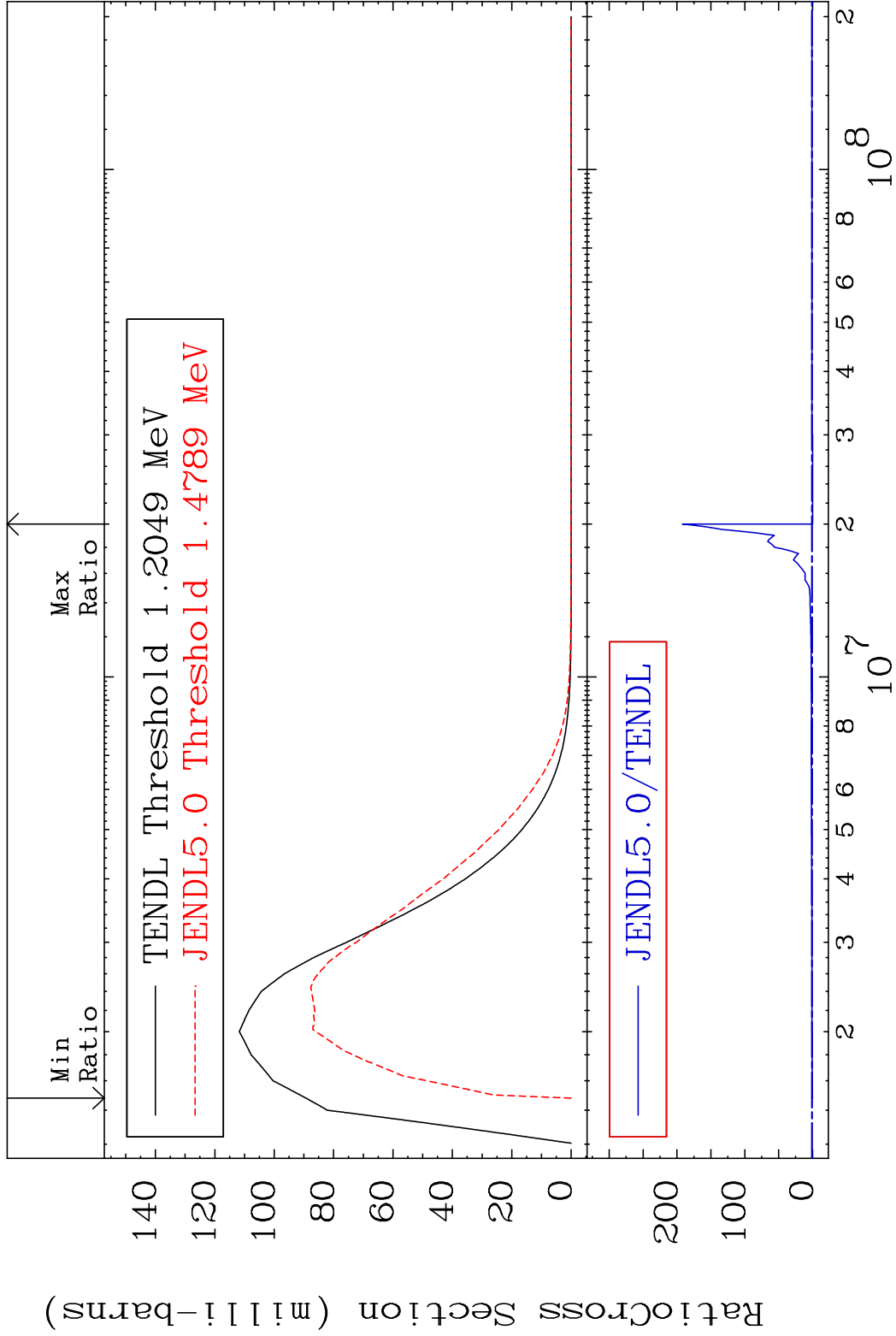
28-Ni-61

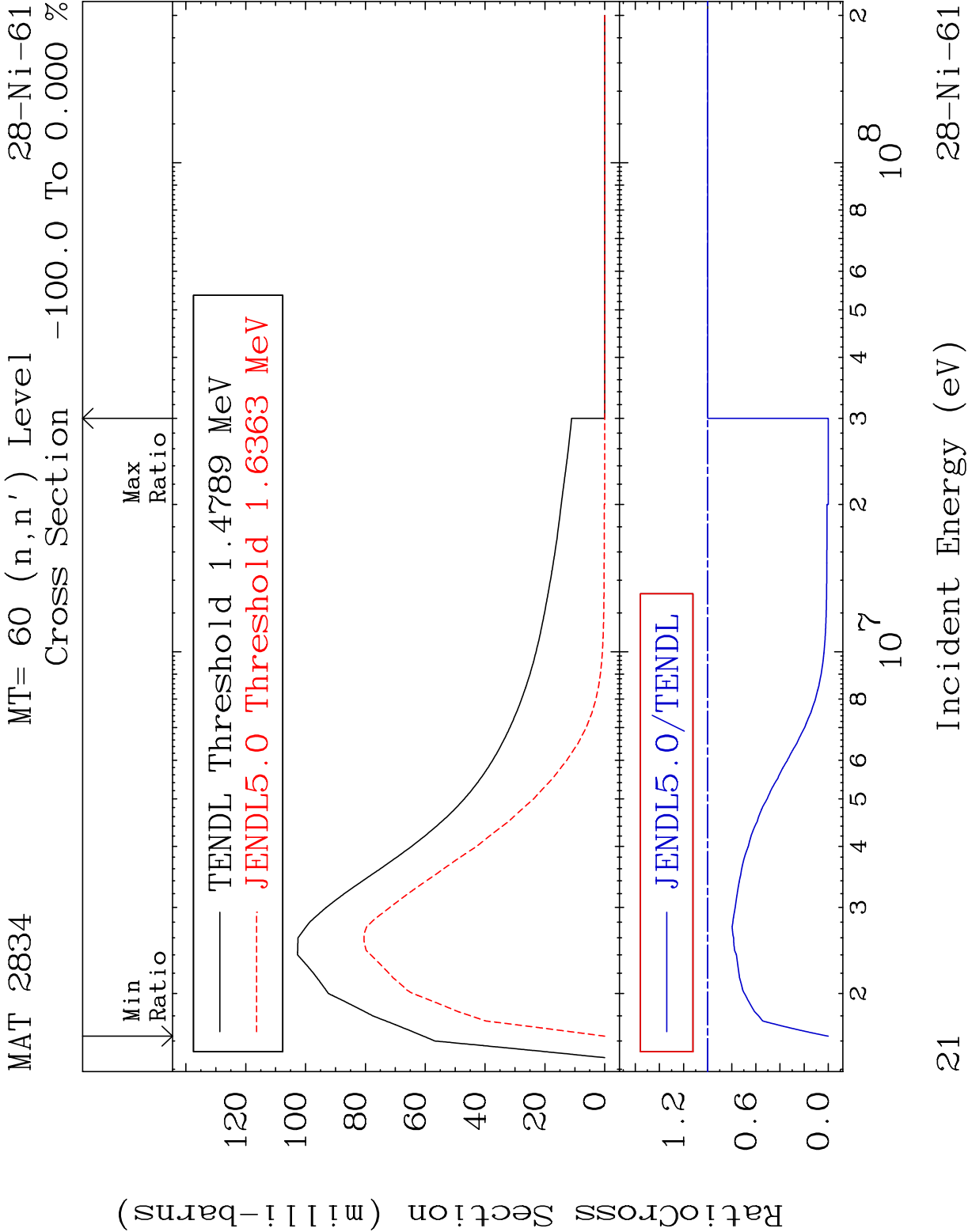
Cross Section

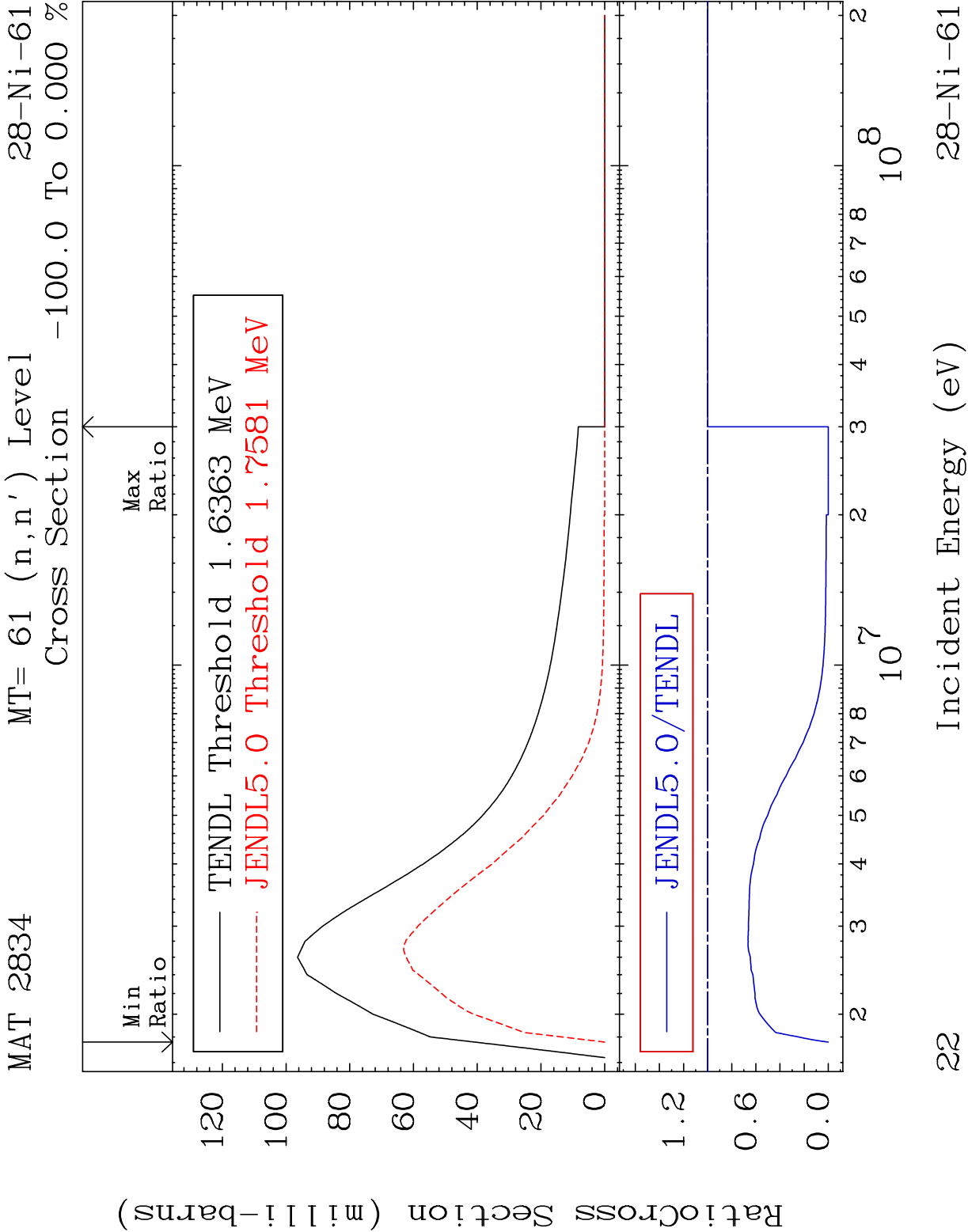
-100.0 To 3773. %

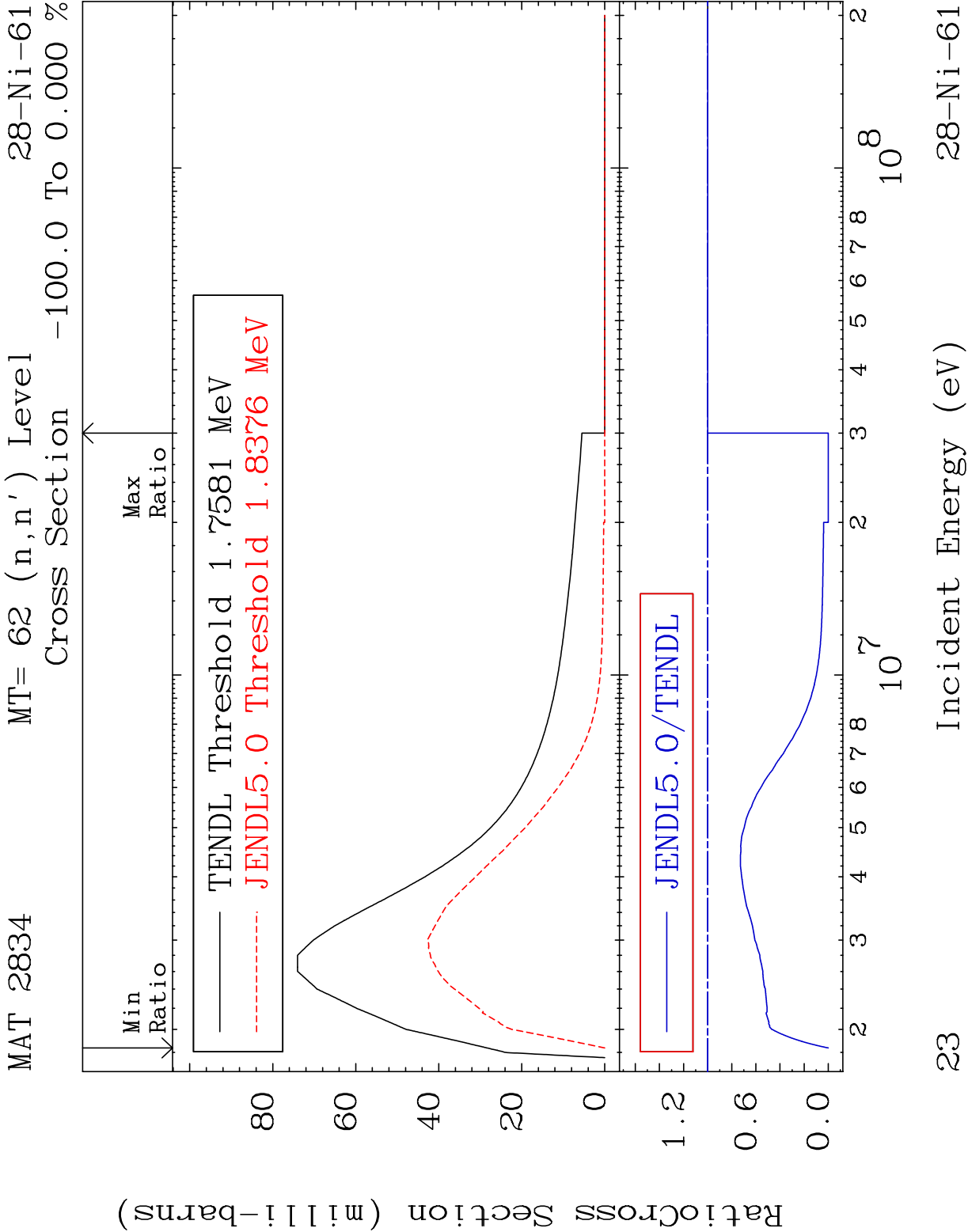


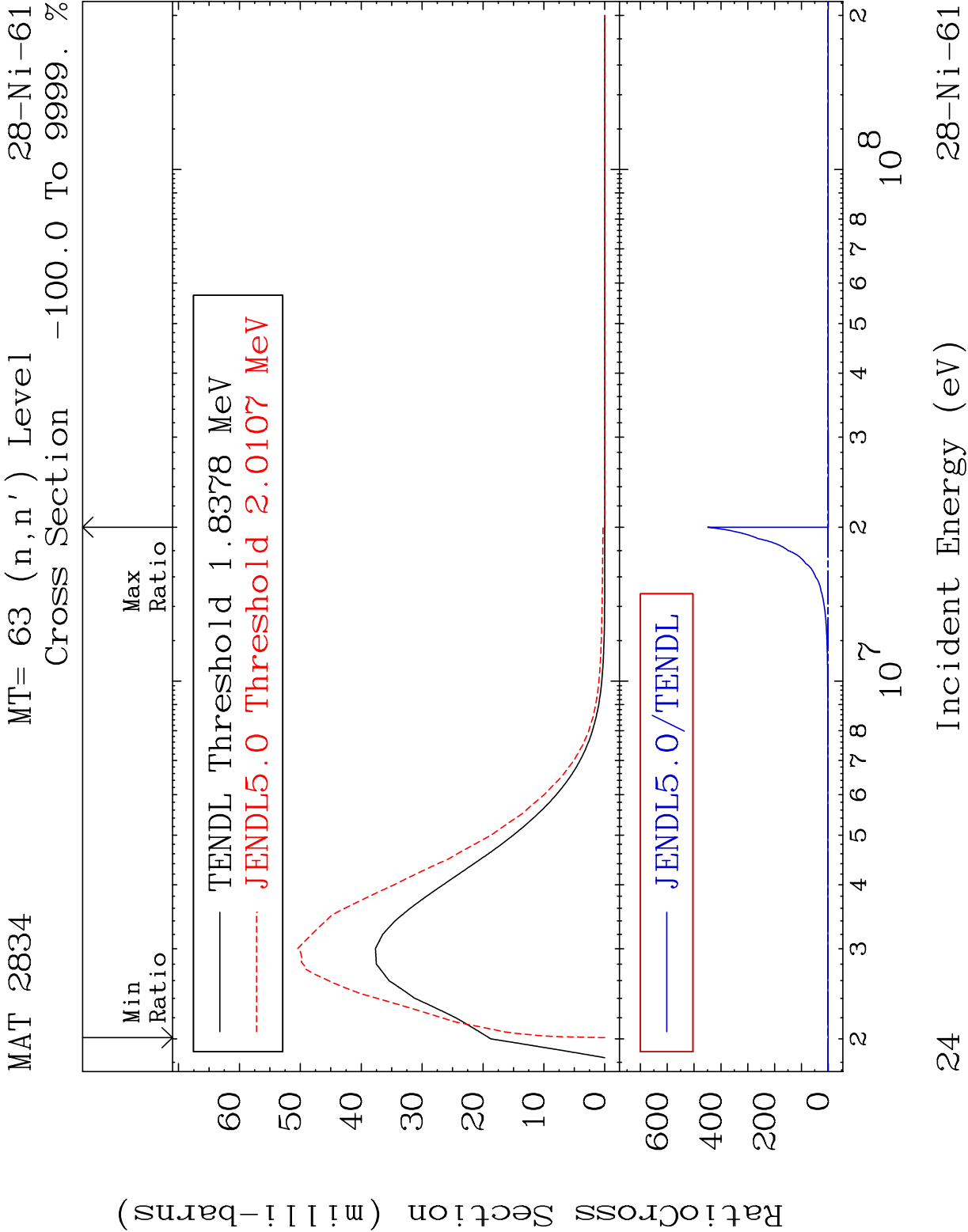
MAT 2834 MT= 59 (n,n') Level 28-Ni-61
Cross Section -100.0 To 9999. %



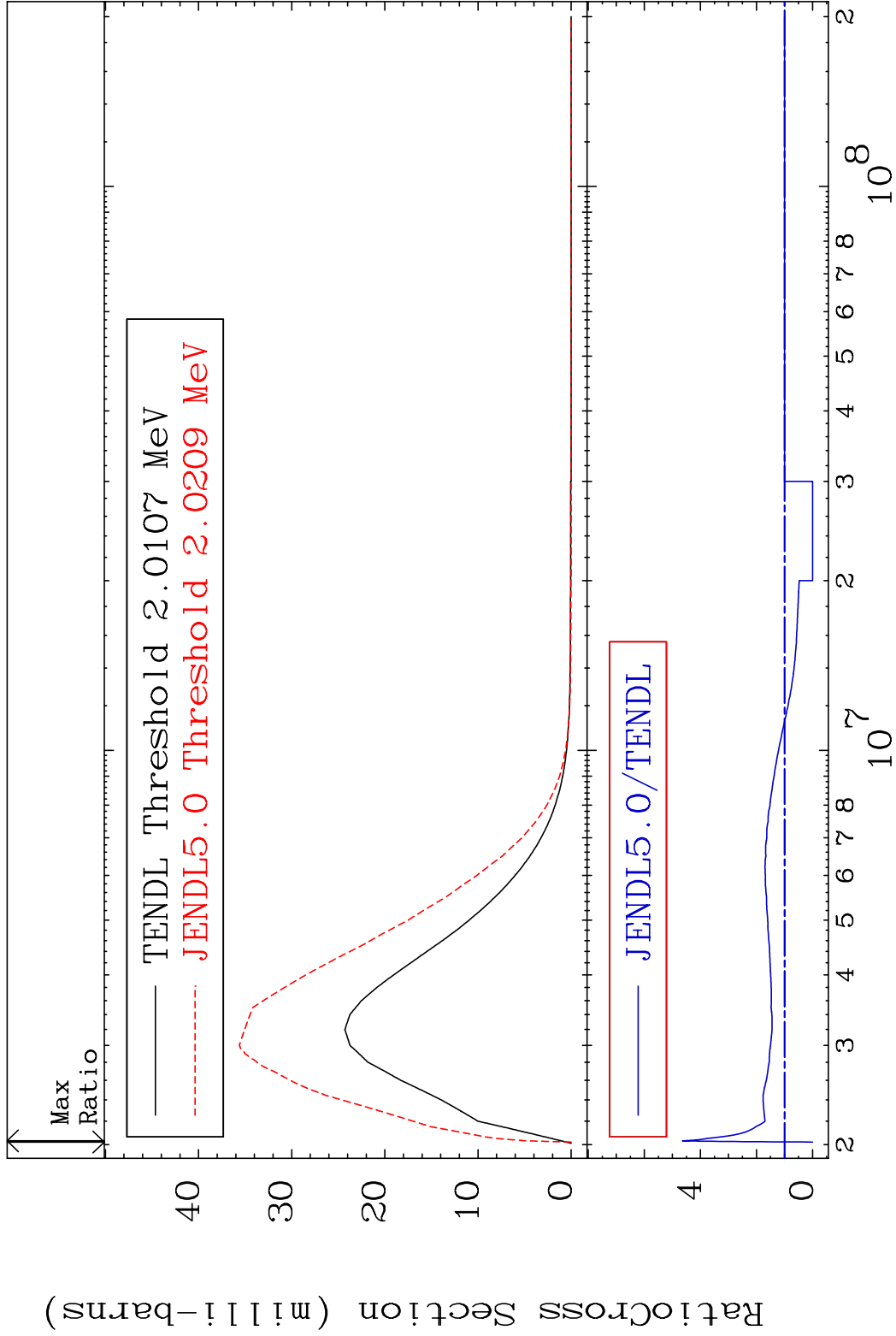








MAT 2834 MT= 64 (n,n') Level 28-Ni-61
Cross Section -100.0 To 364.5 %



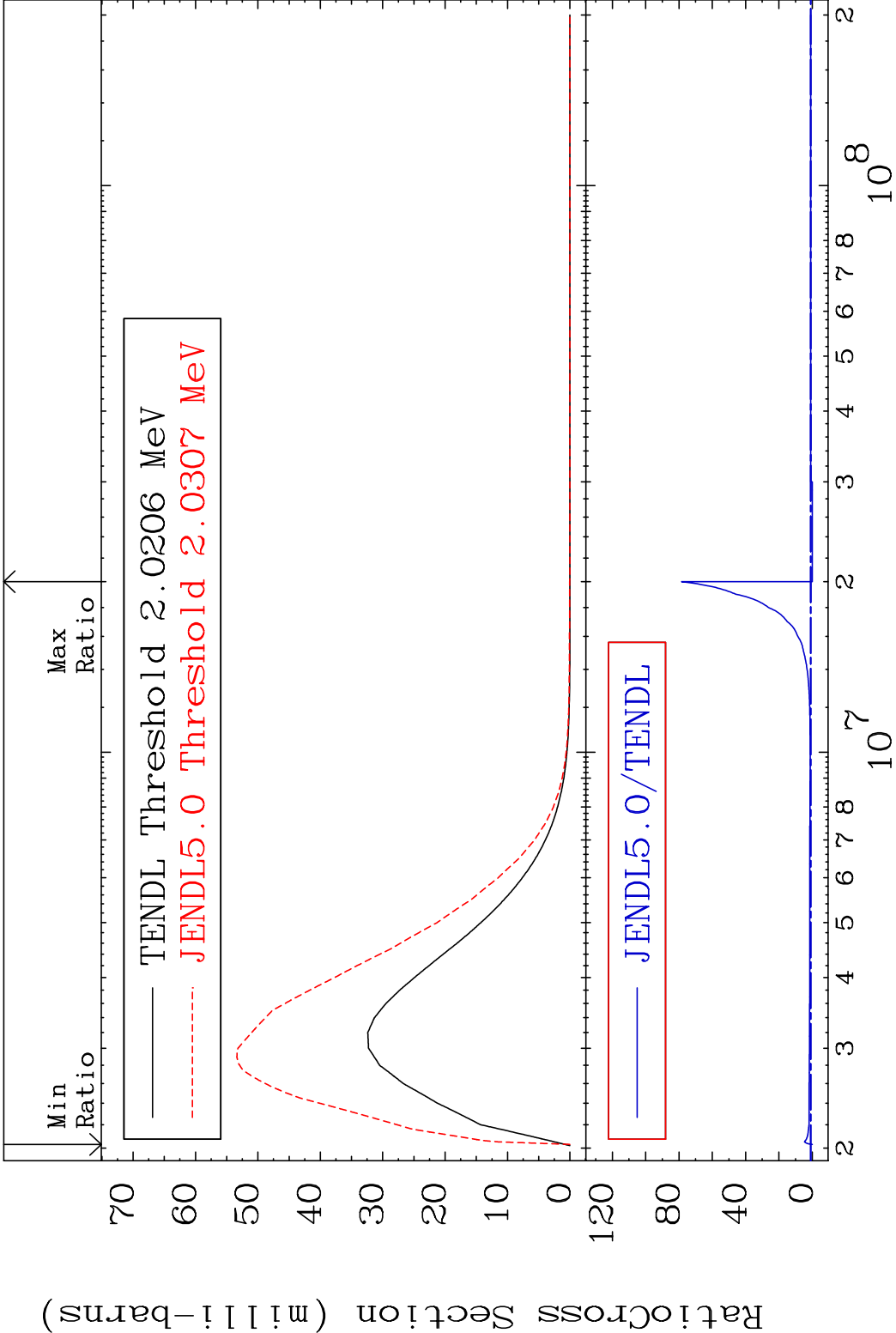
MAT 2834

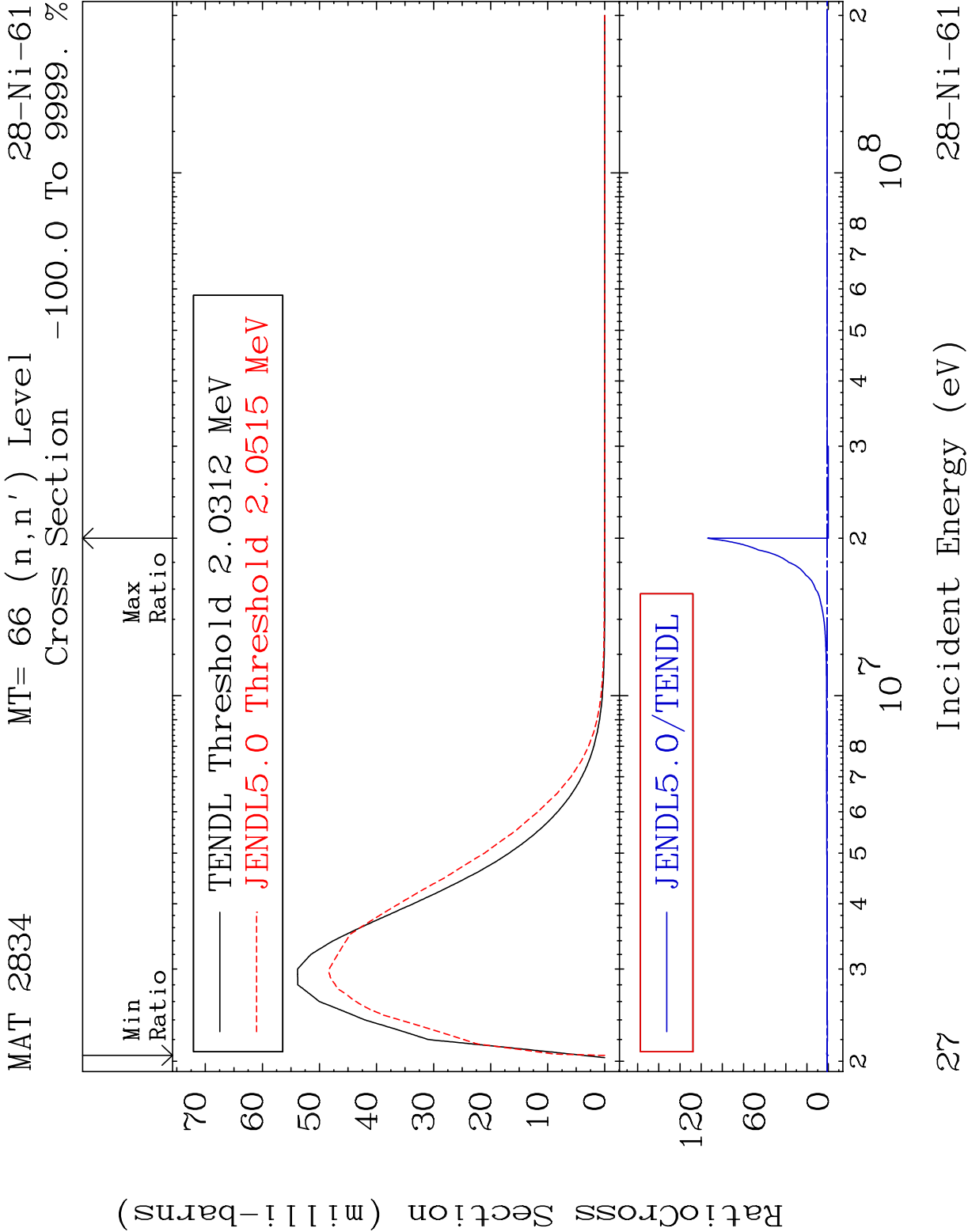
MT= 65 (n,n') Level

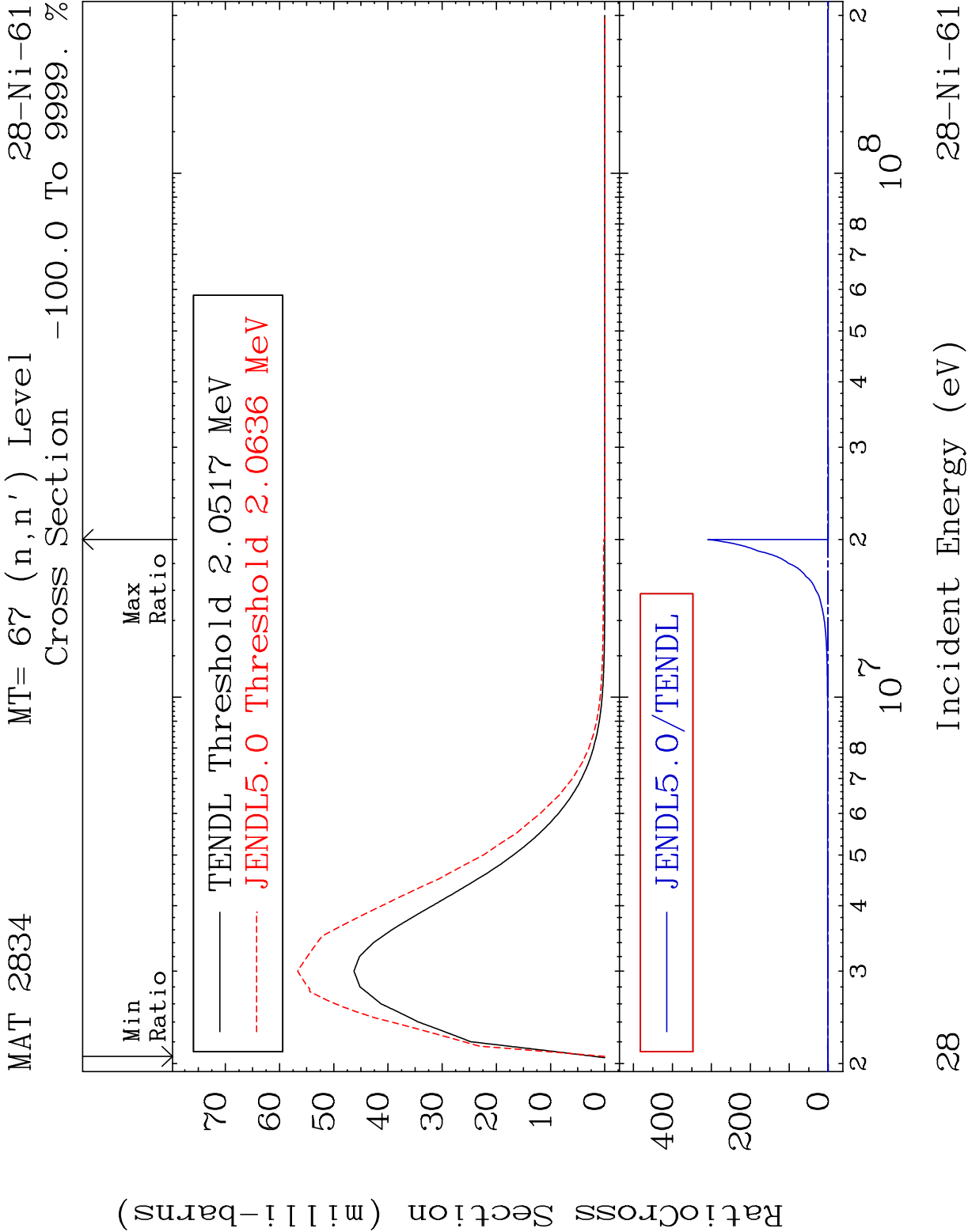
28-Ni-61

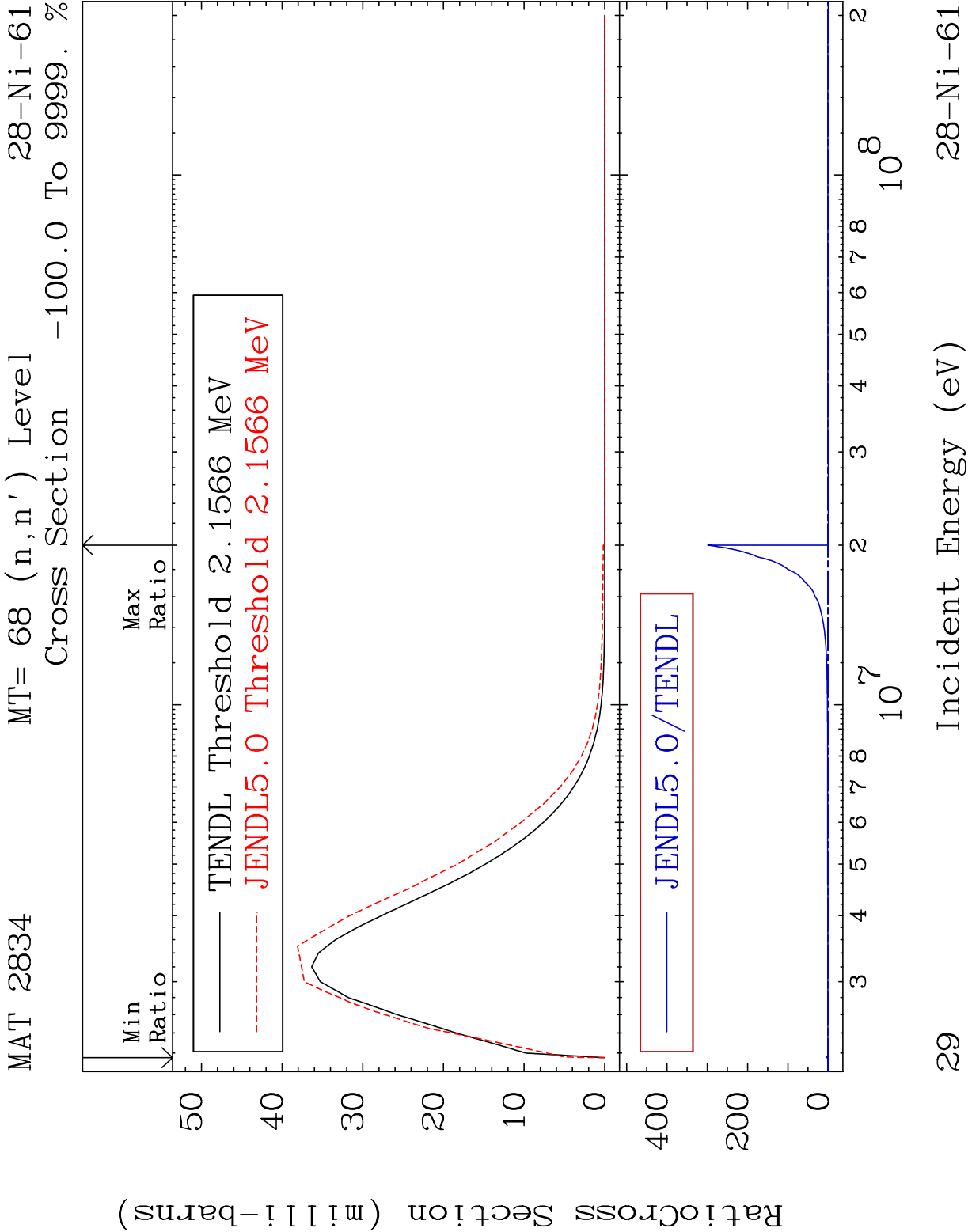
Cross Section

-100.0 To 7746. %

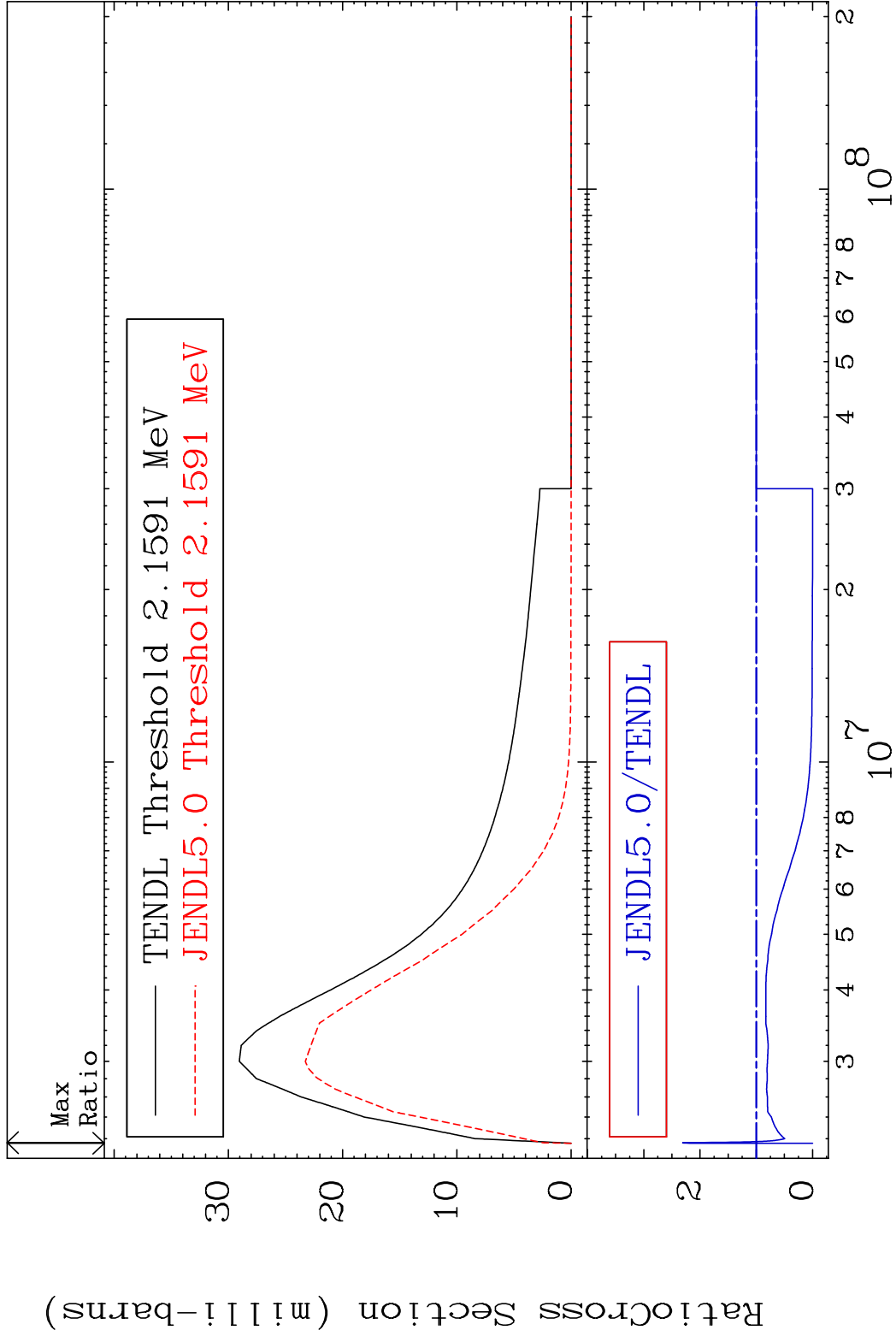




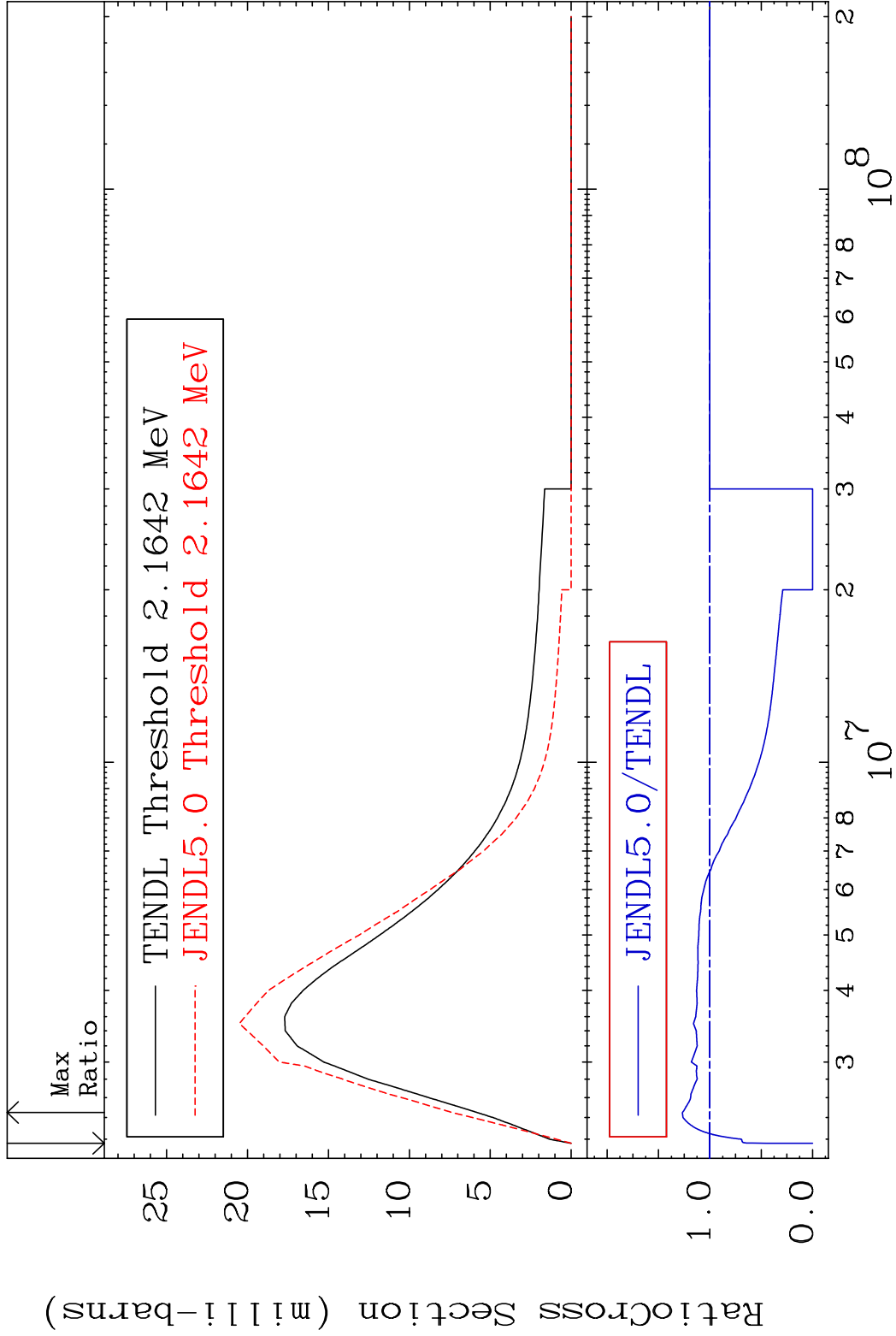


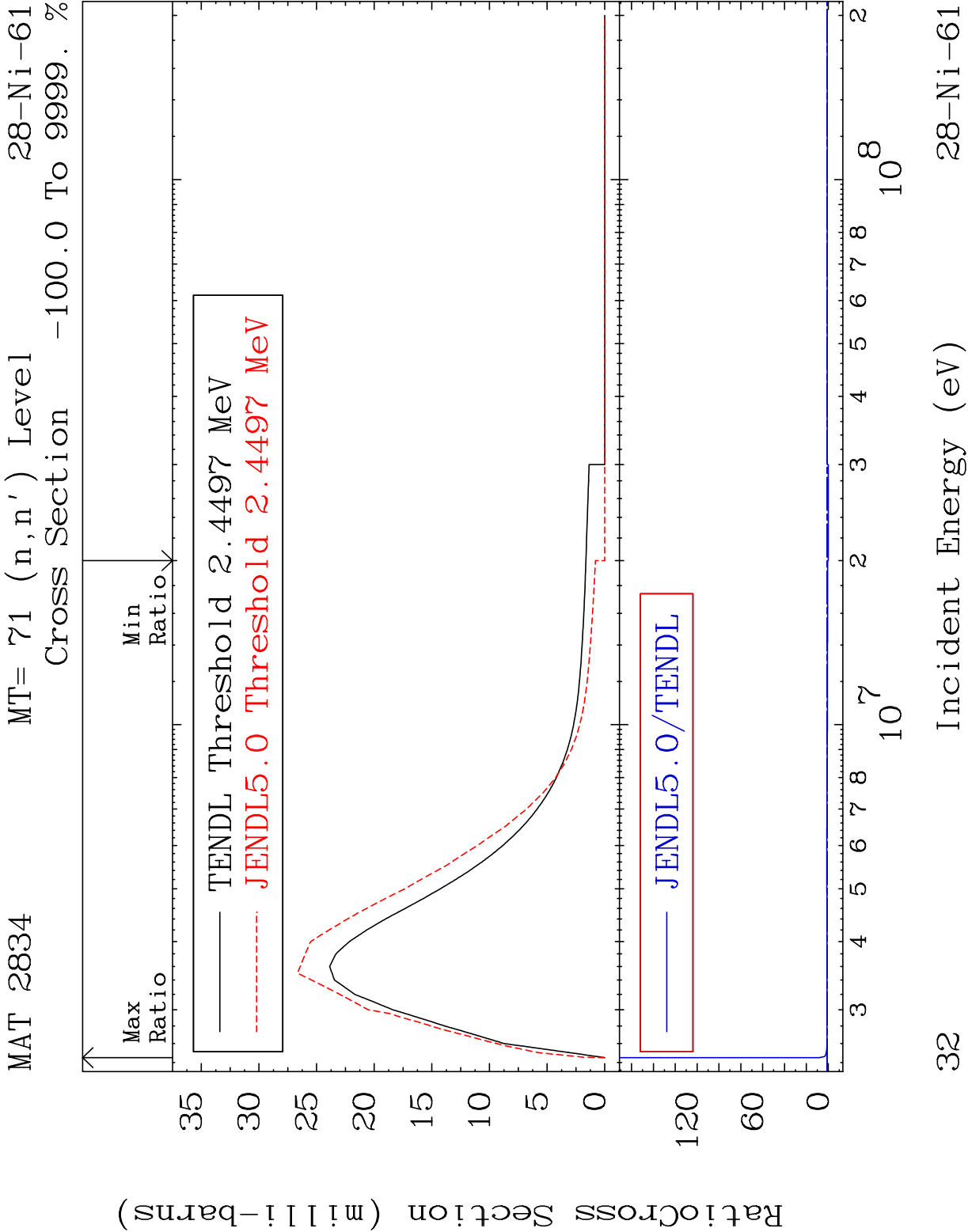


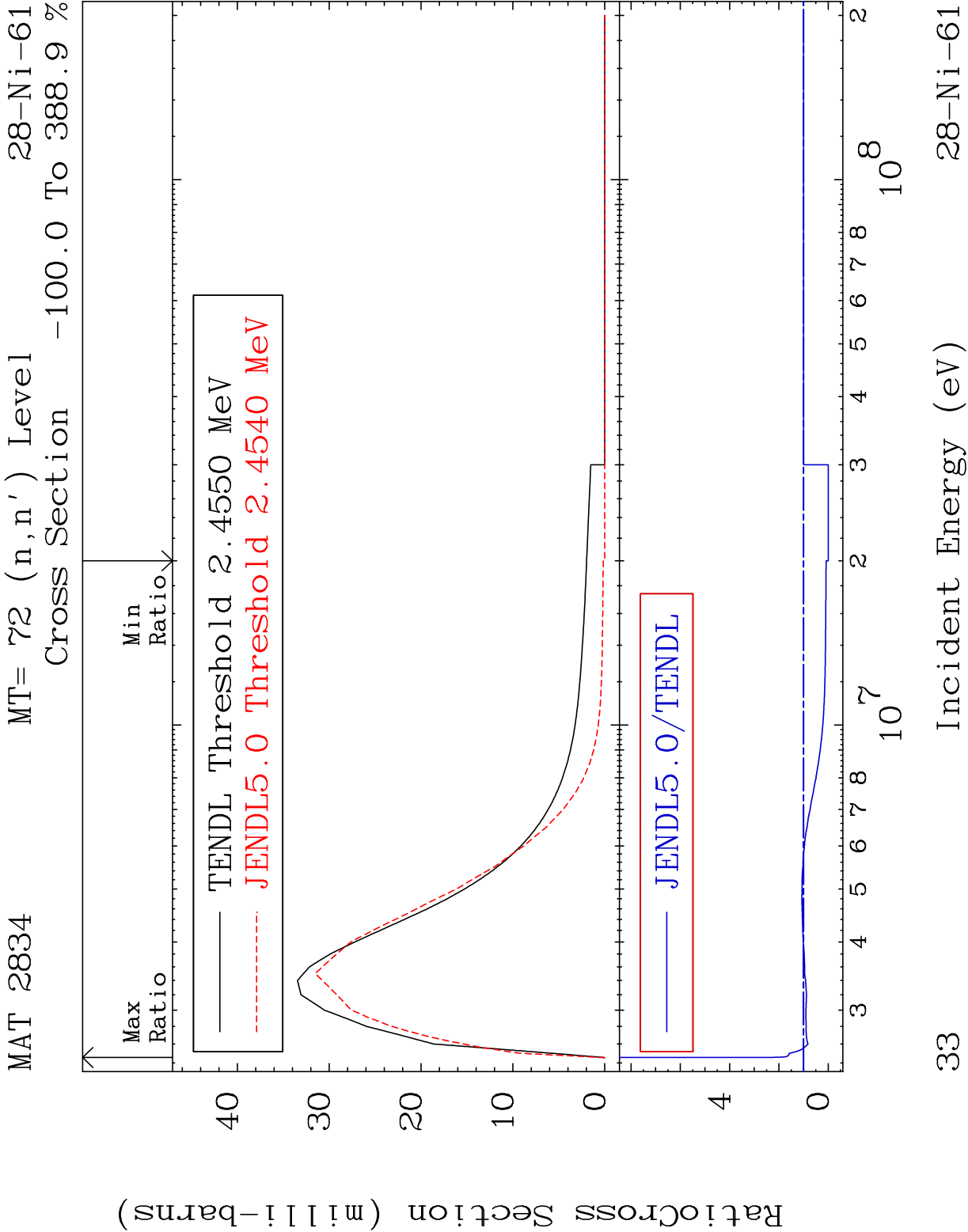
MAT 2834 MT= 69 (n,n') Level 28-Ni-61
Cross Section -100.0 To 131.4 %



MAT 2834 MT= 70 (n,n') Level 28-Ni-61
Cross Section -100.0 To 26.78 %







MAT 2834

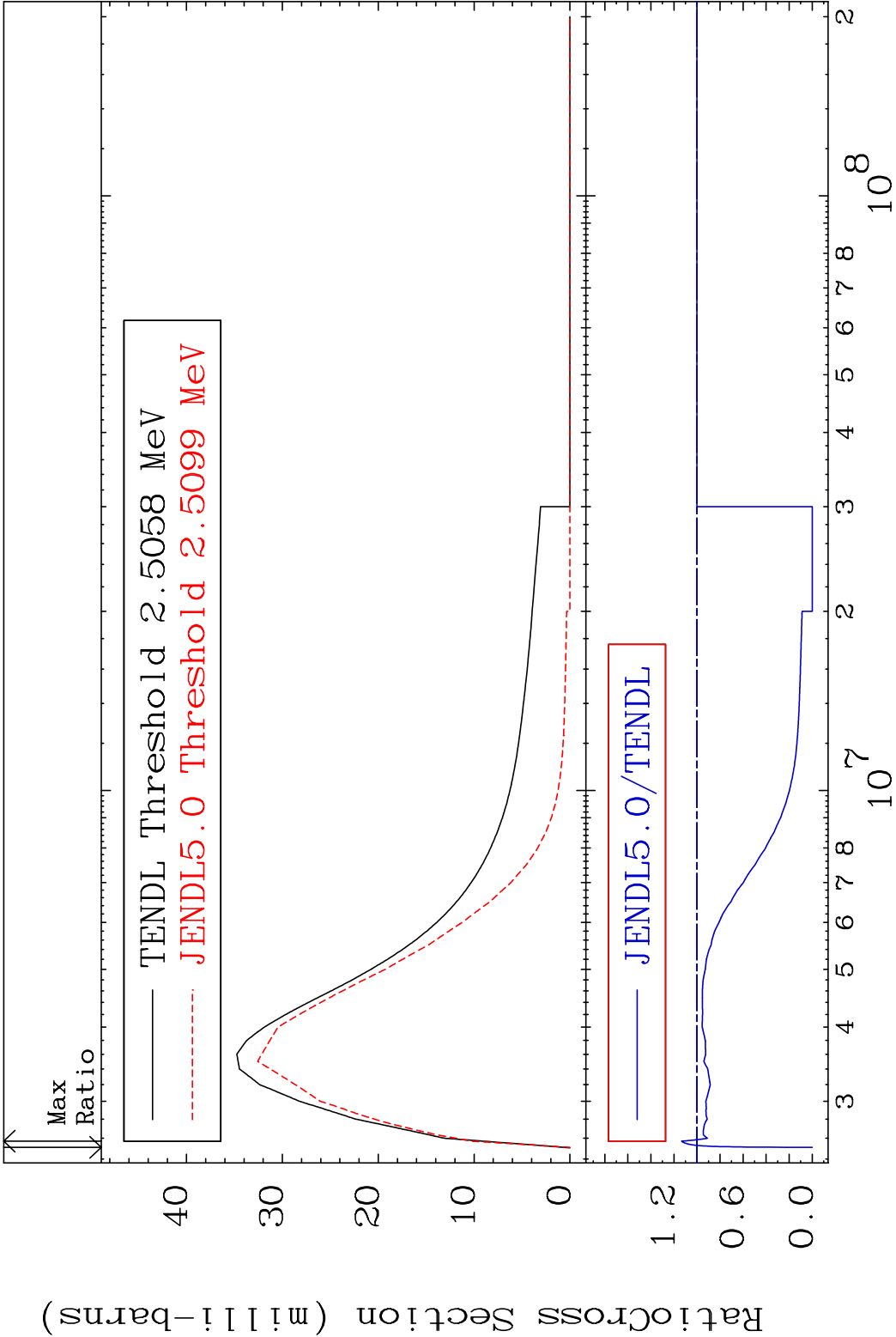
MT= 73 (n,n')

Level

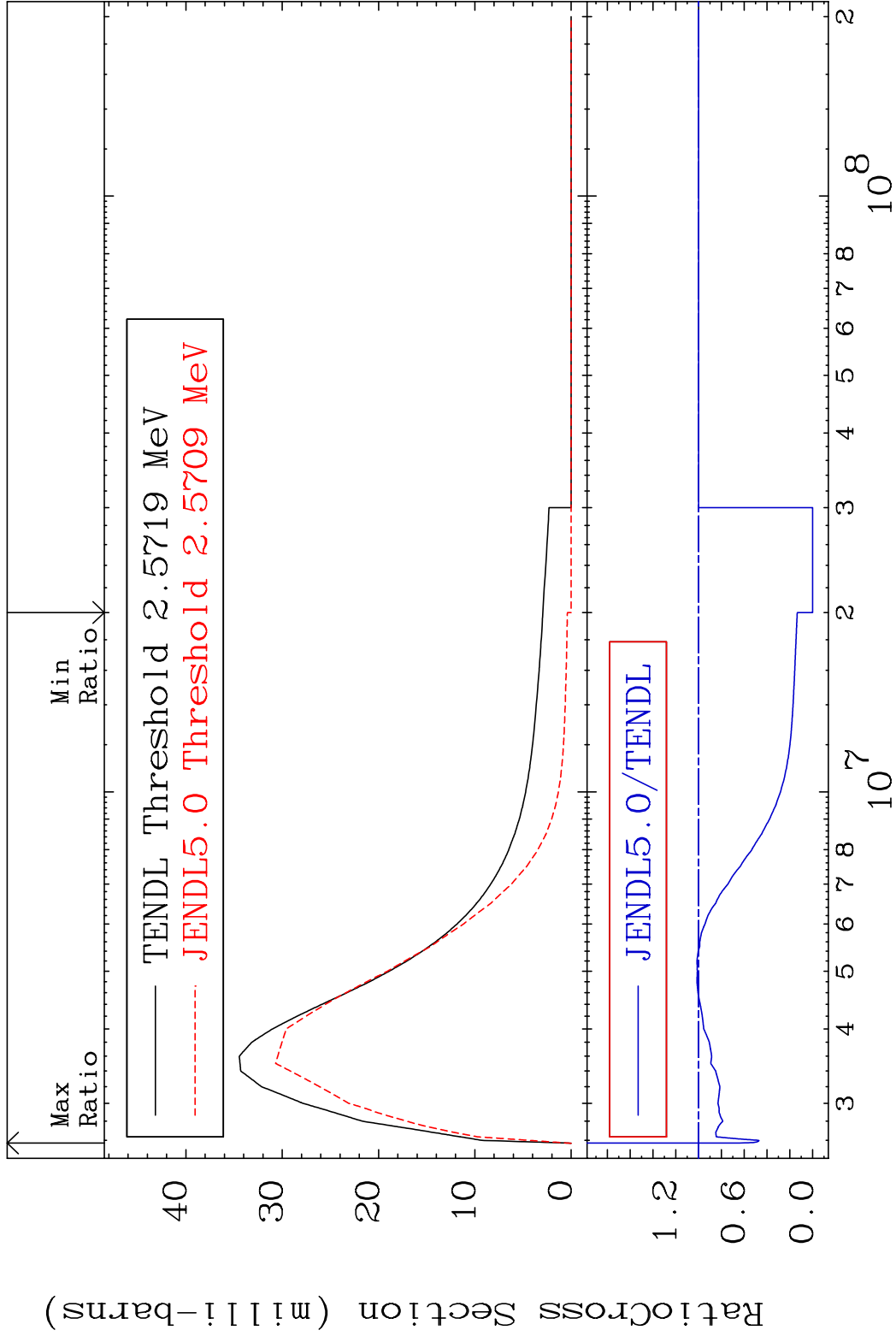
28-Ni-61

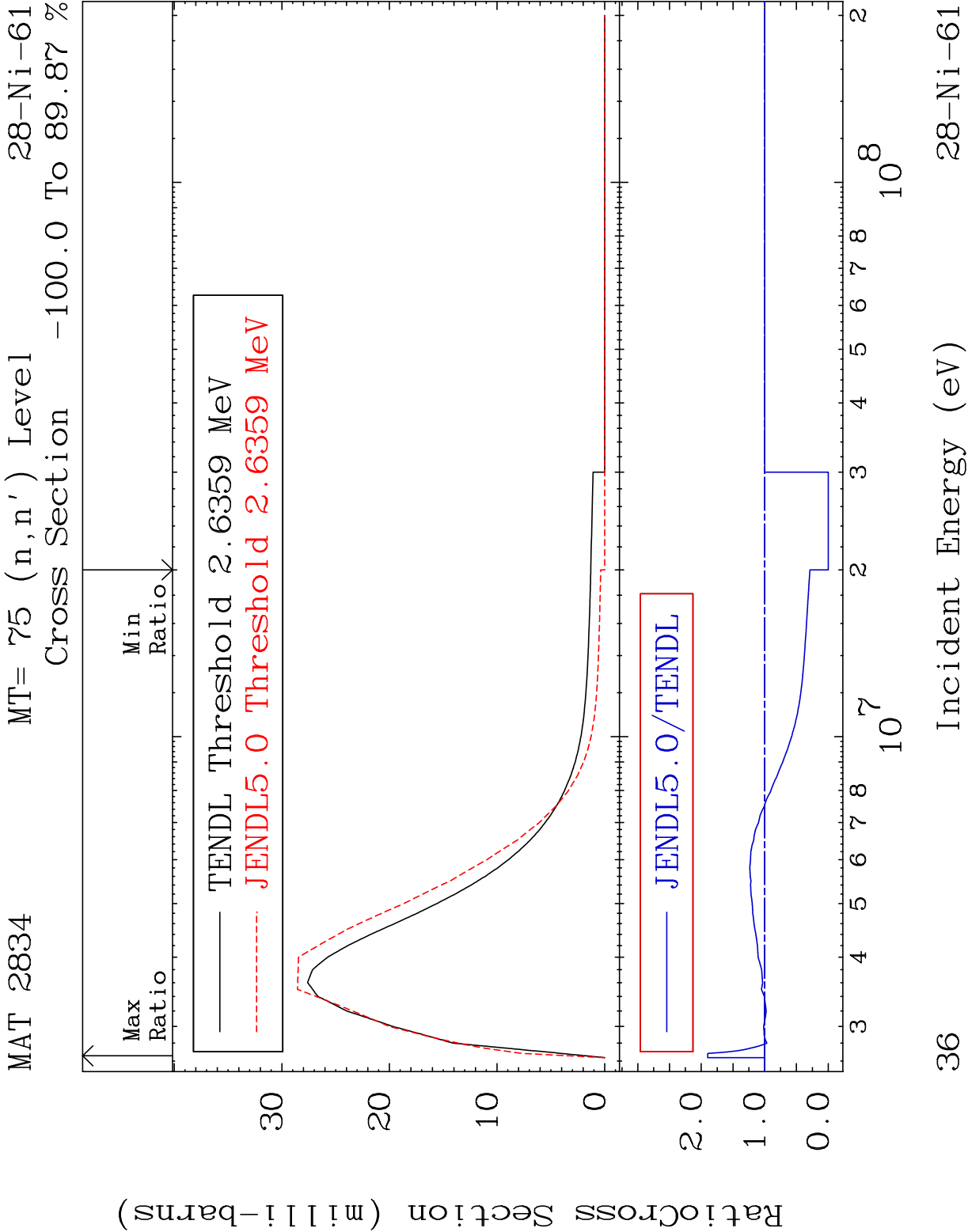
Cross Section

-100.0 To 13.41 %

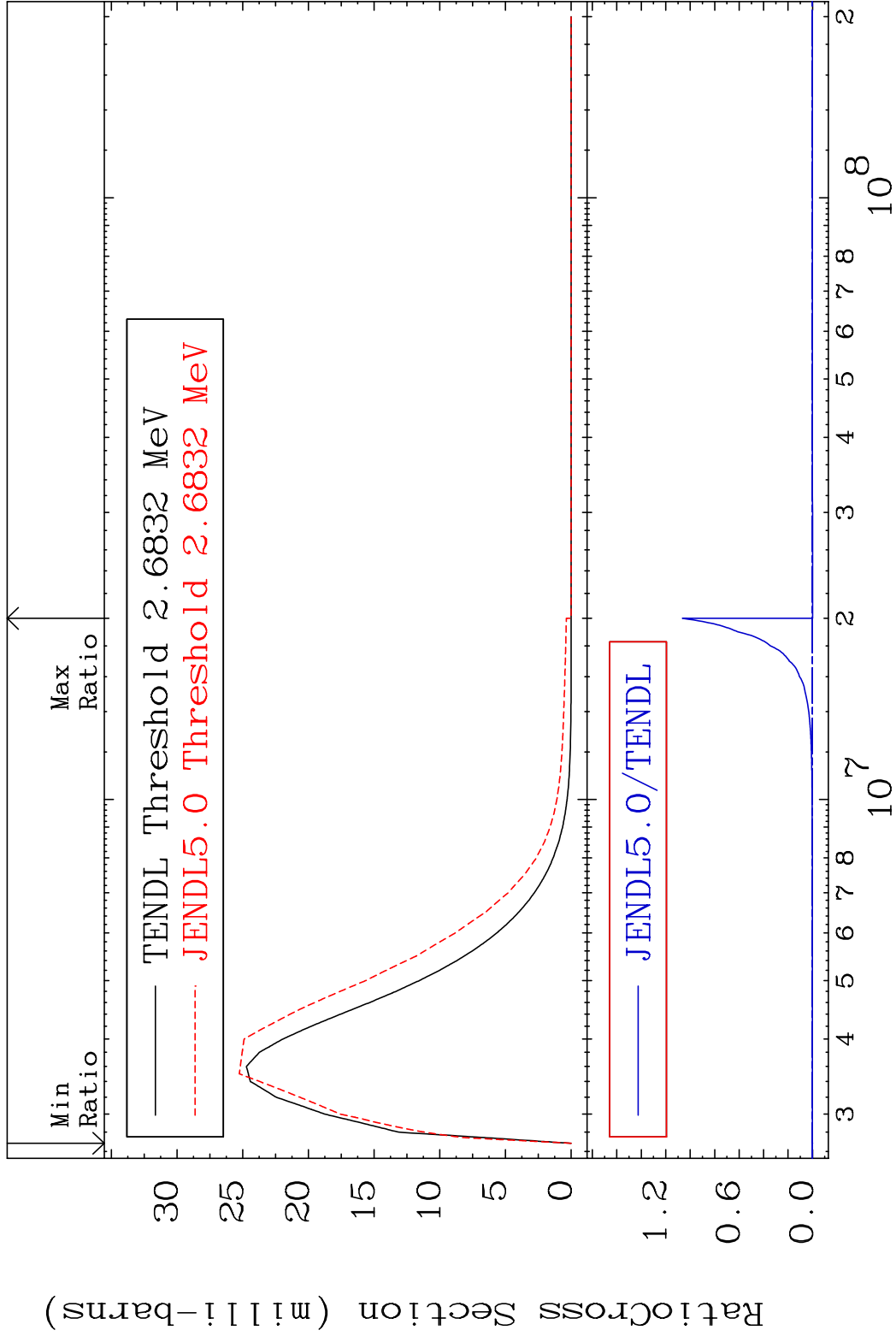


MAT 2834 MT= 74 (n,n') Level 28-Ni-61
Cross Section -100.0 To 14.16 %

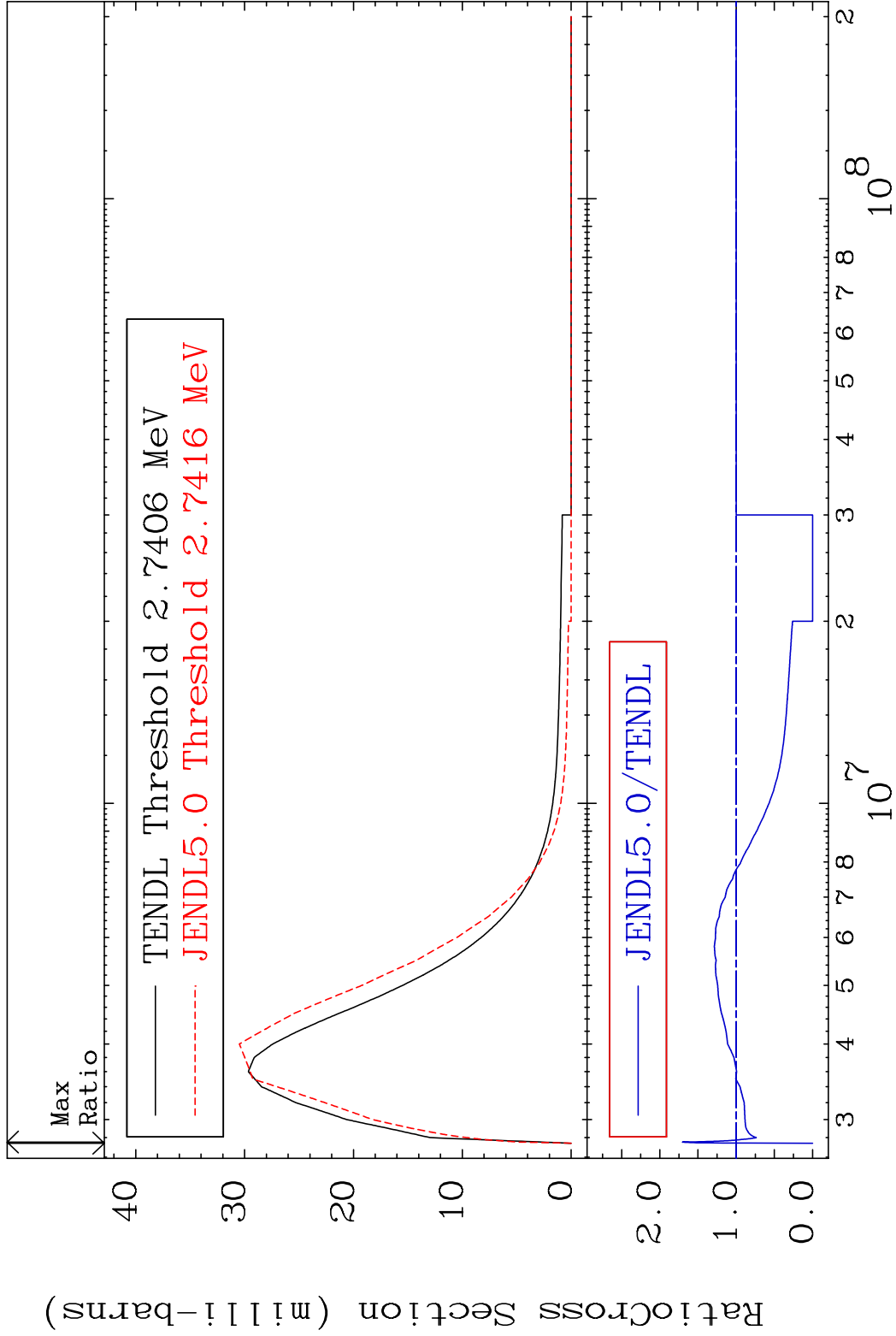


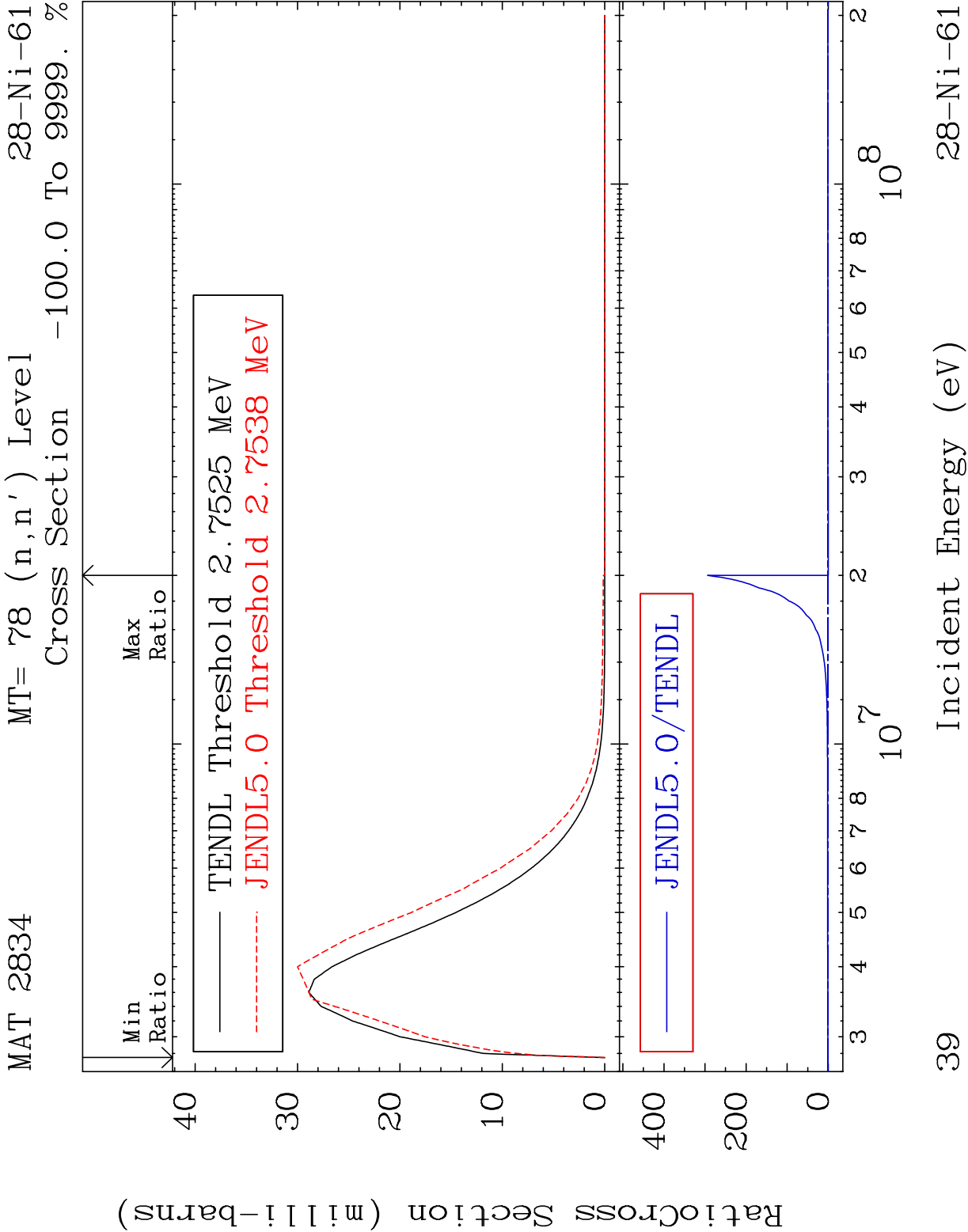


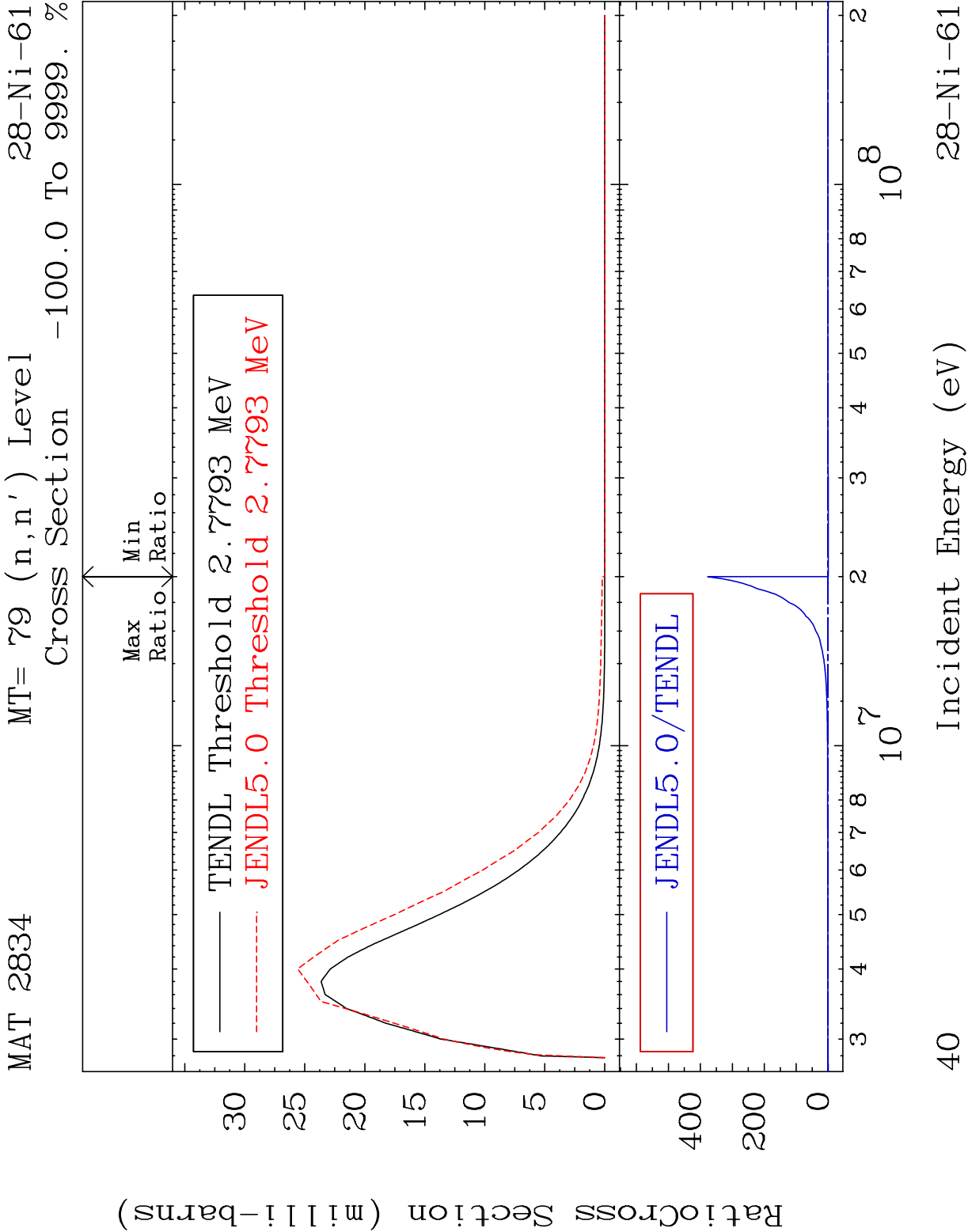
MAT 2834 MT= 76 (n,n') Level 28-Ni-61
Cross Section -100.0 To 9999. %



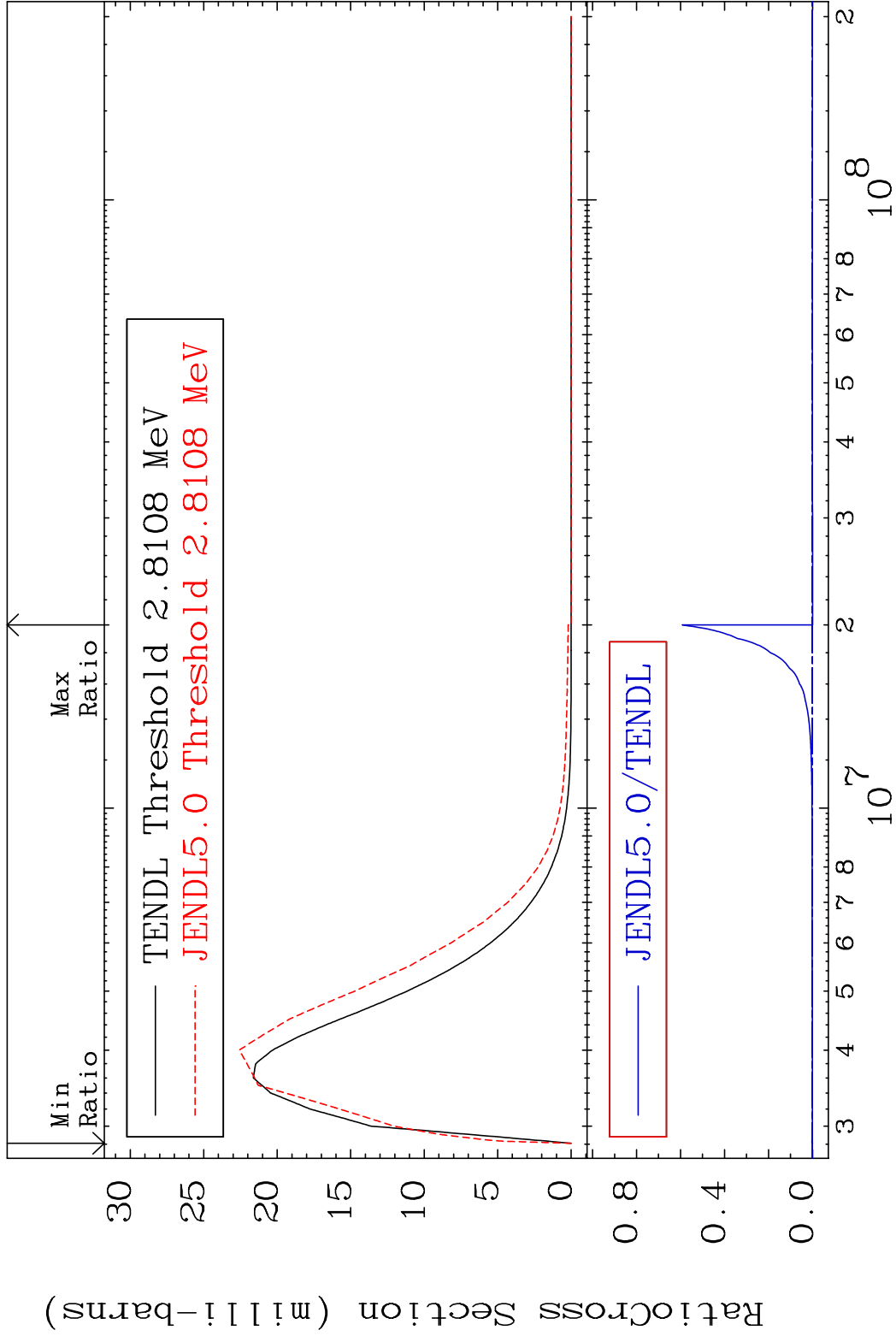
MAT 2834 MT= 77 (n,n') Level 28-Ni-61
Cross Section -100.0 To 70.50 %



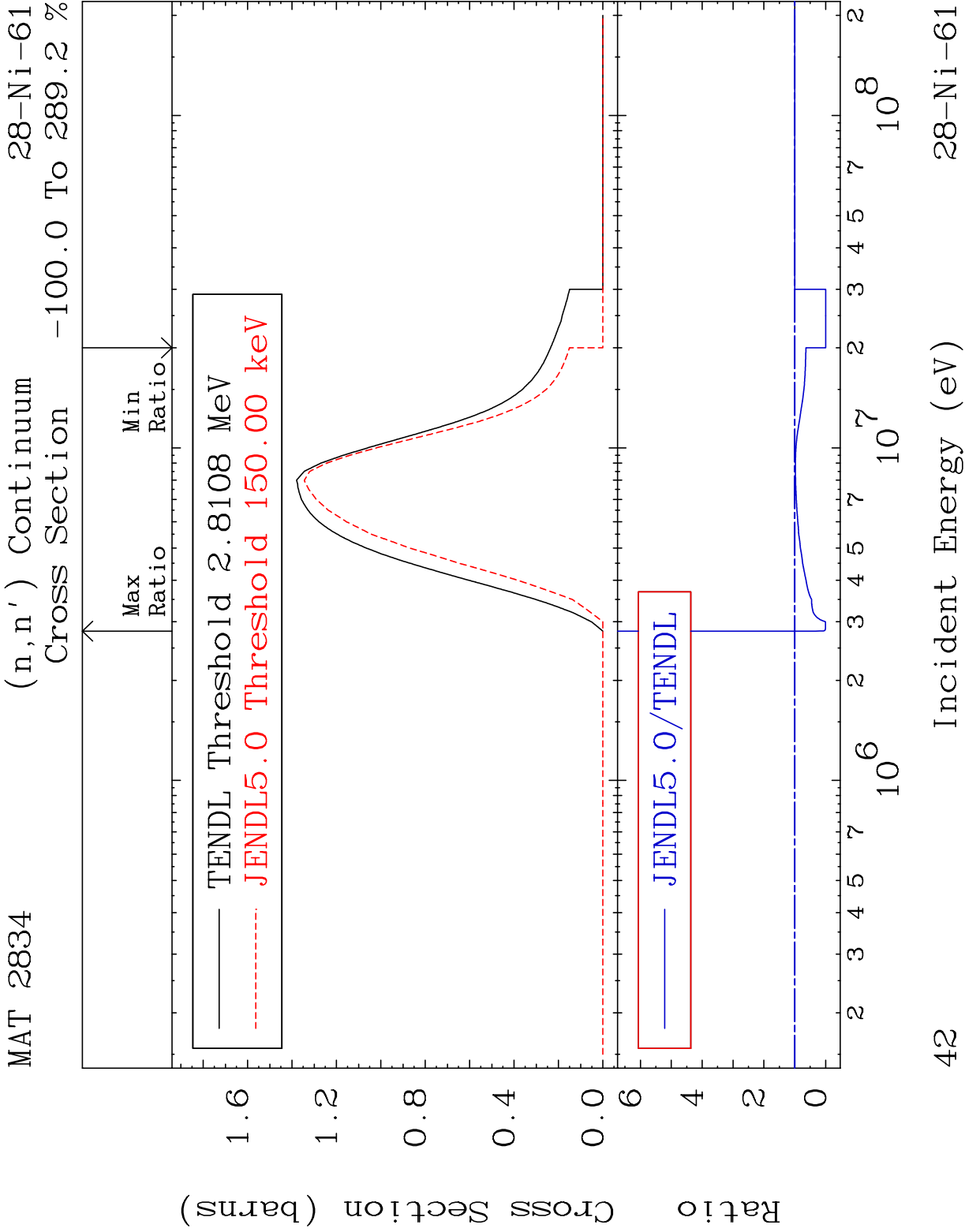


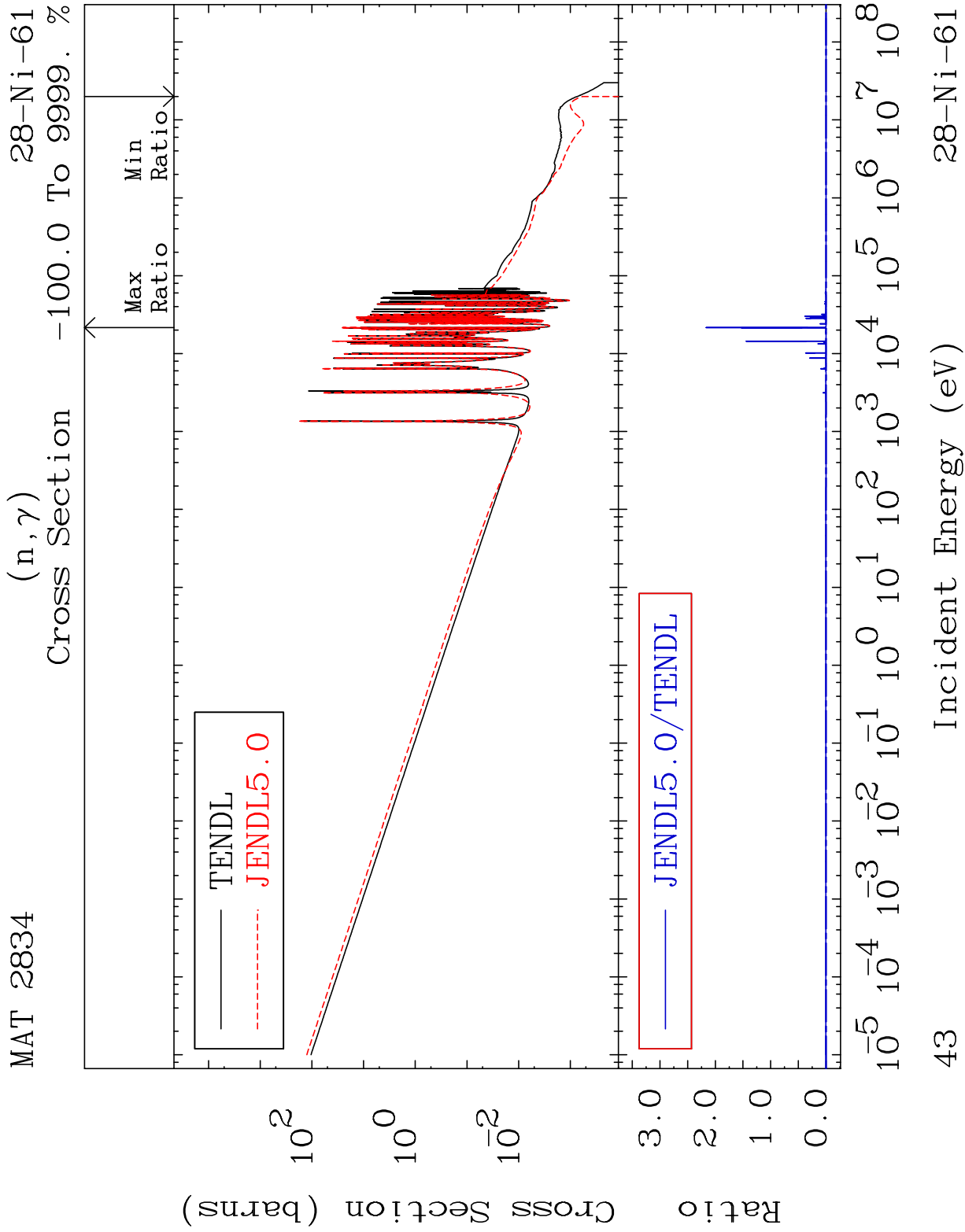


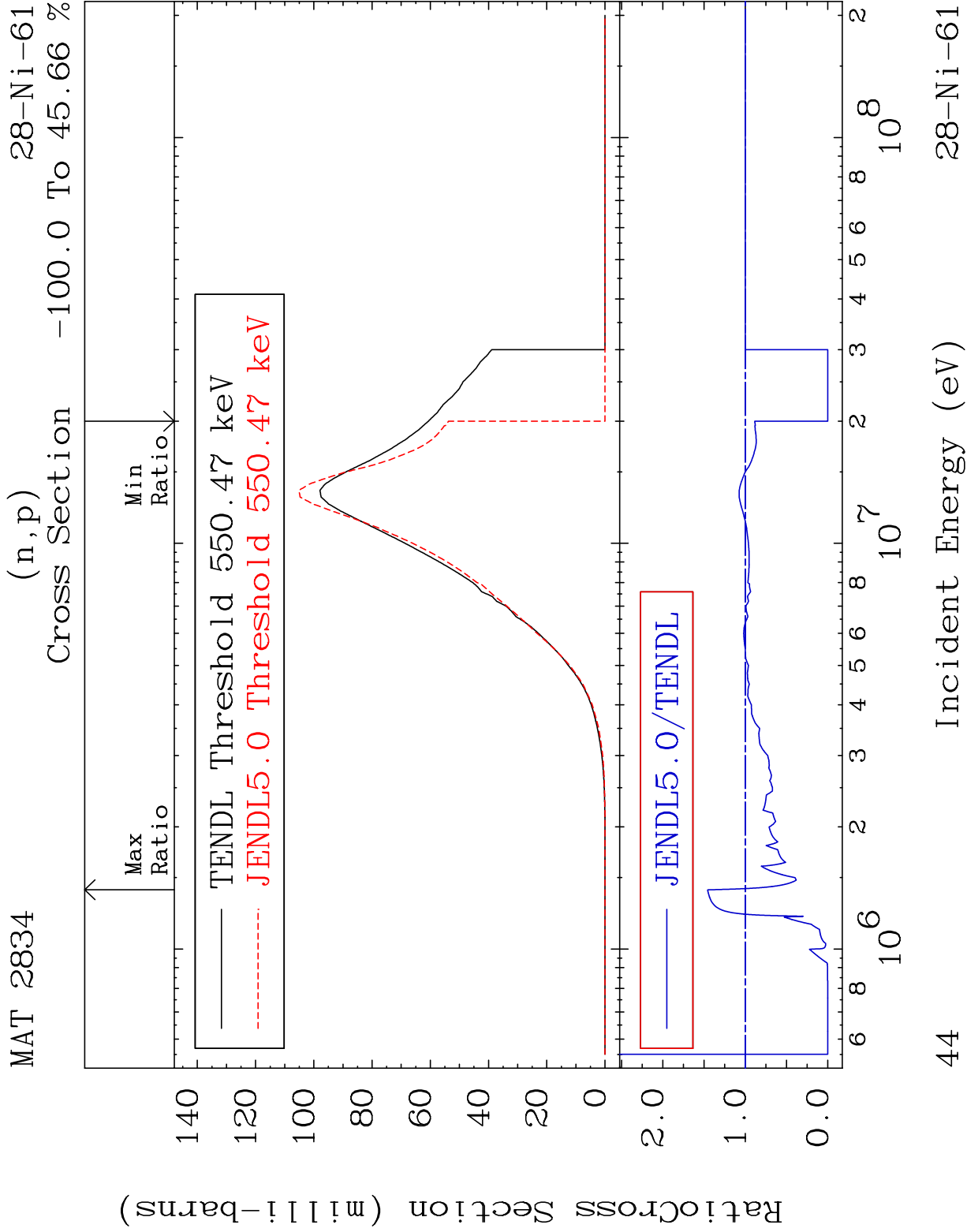
MAT 2834 MT= 80 (n,n') Level 28-Ni-61
Cross Section -100.0 To 9999. %

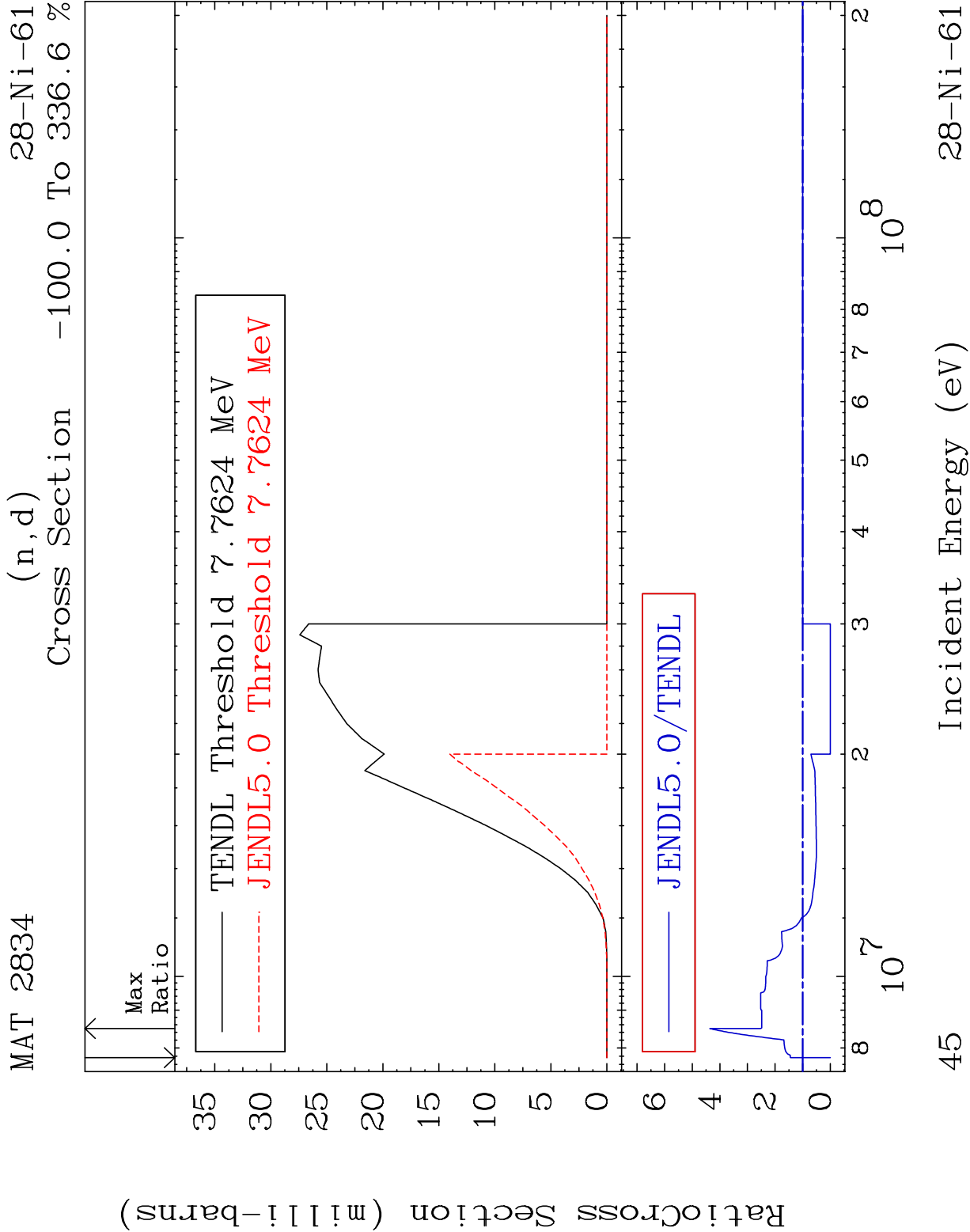


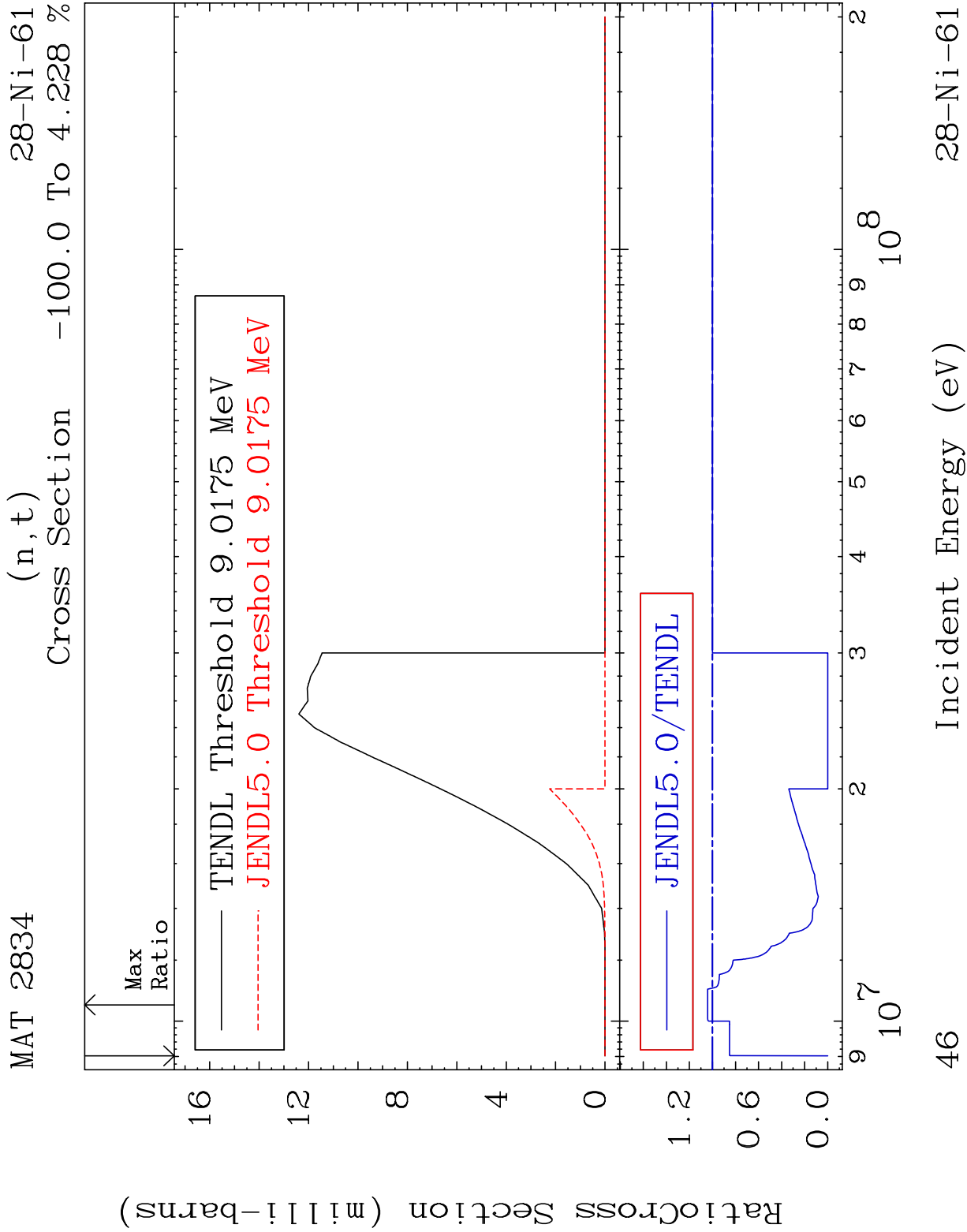
41 Incident Energy (eV) 28-Ni-61

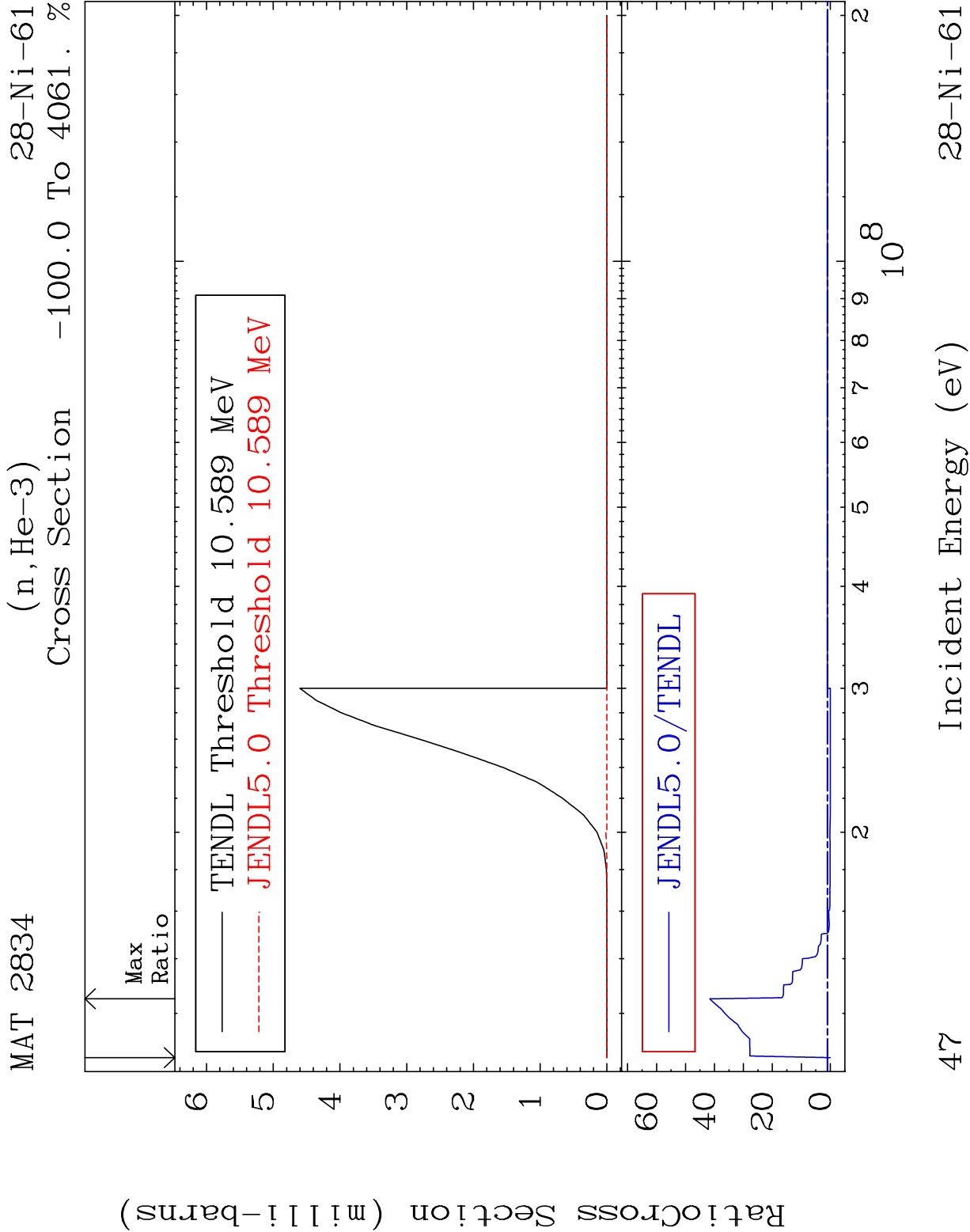


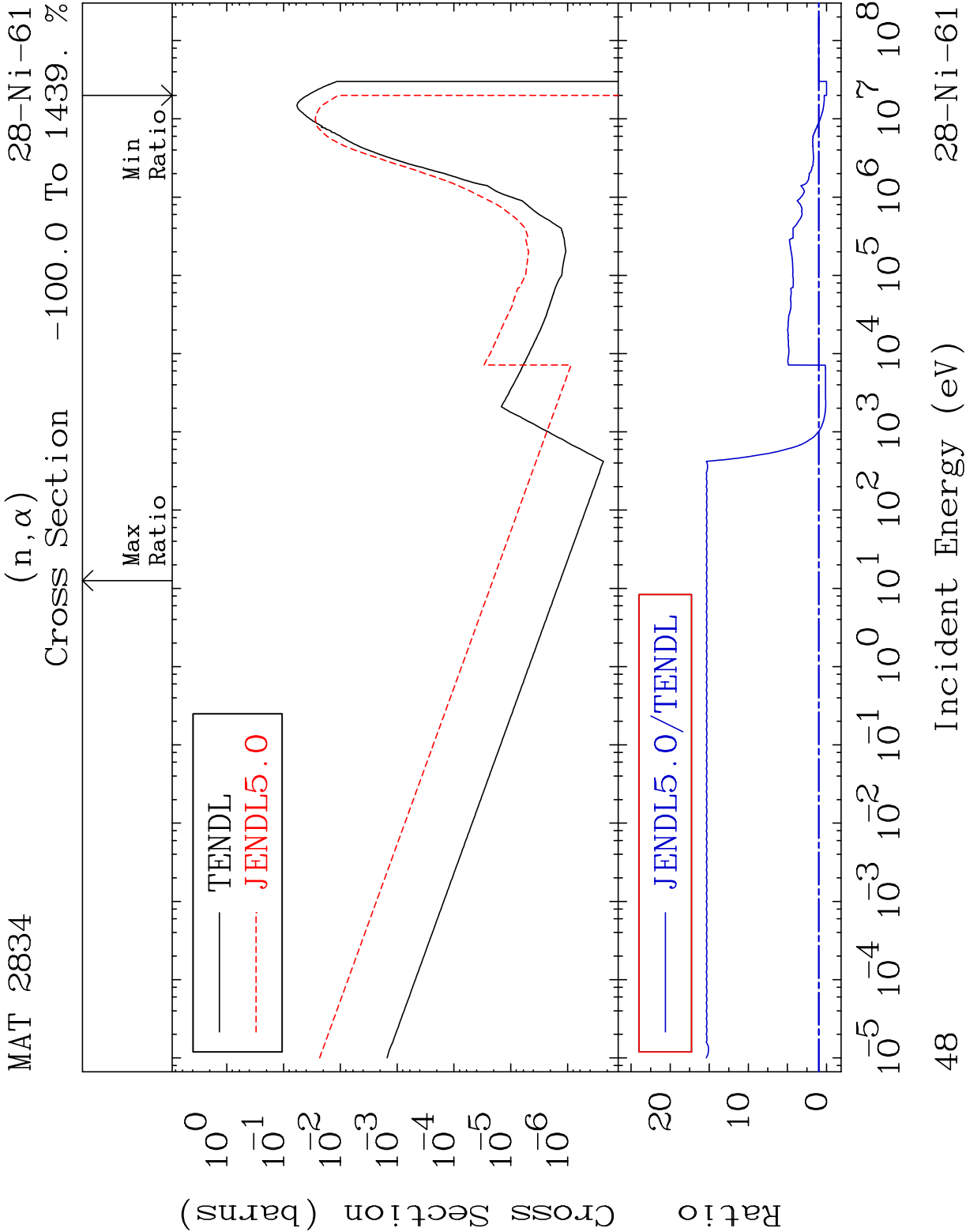


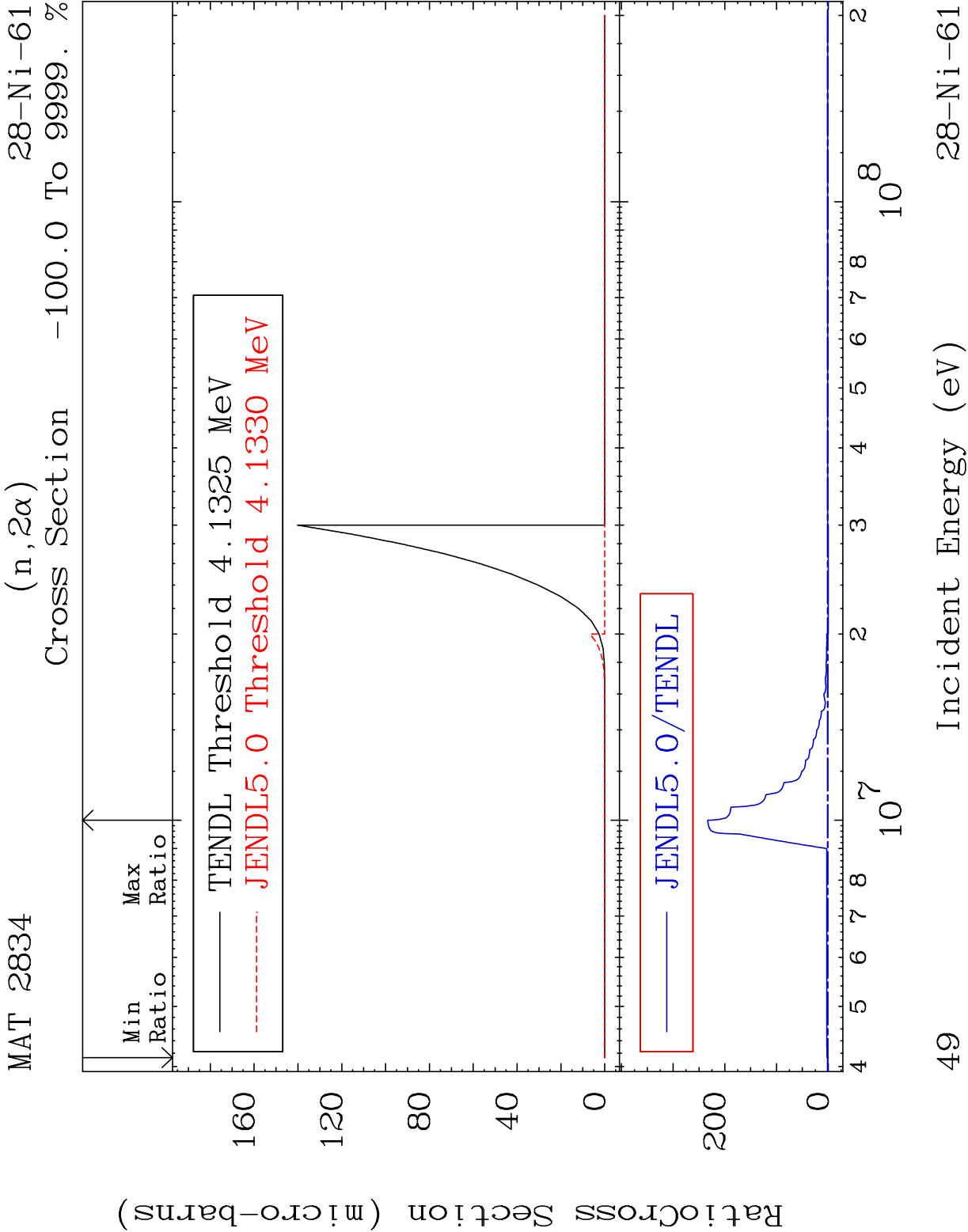


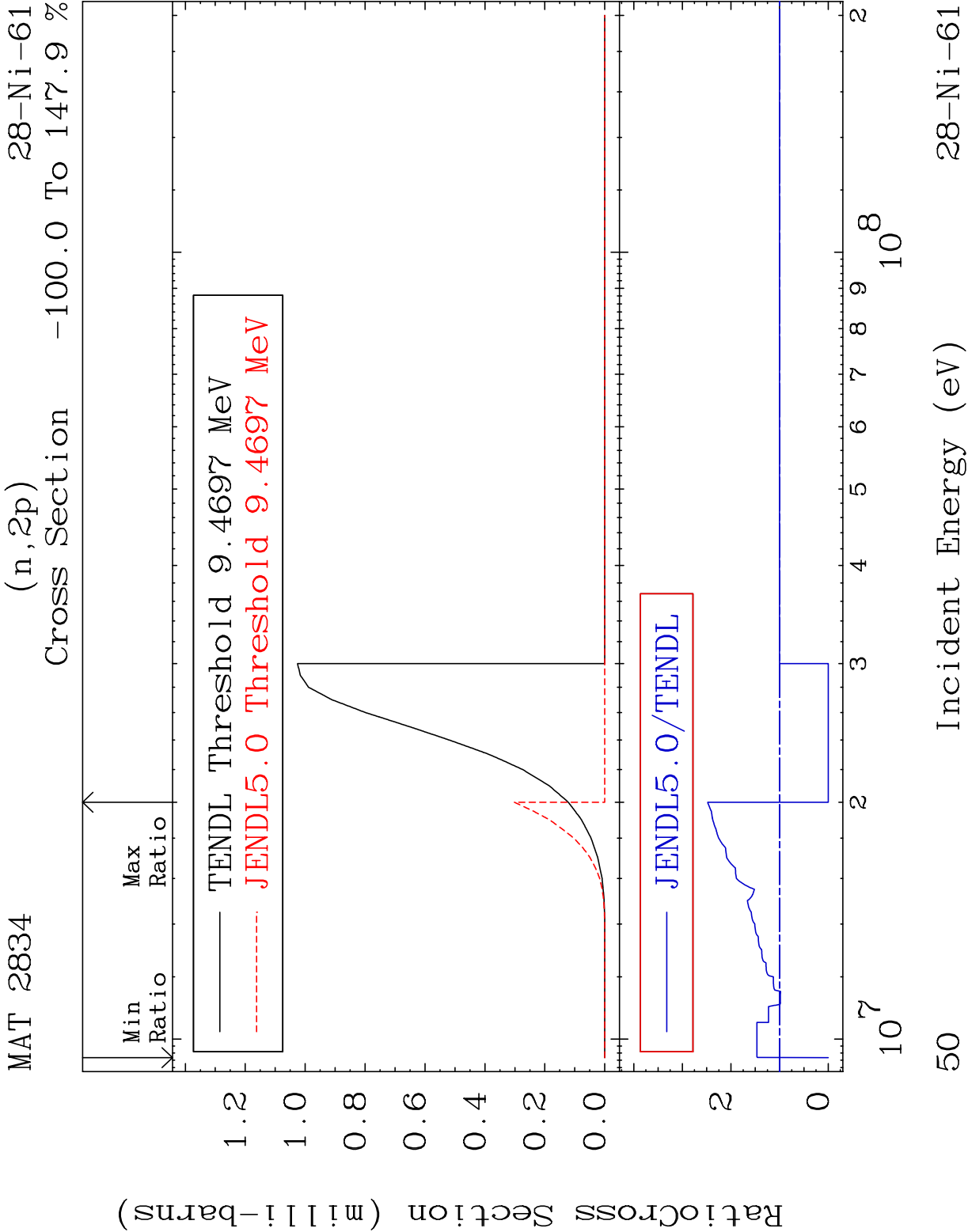


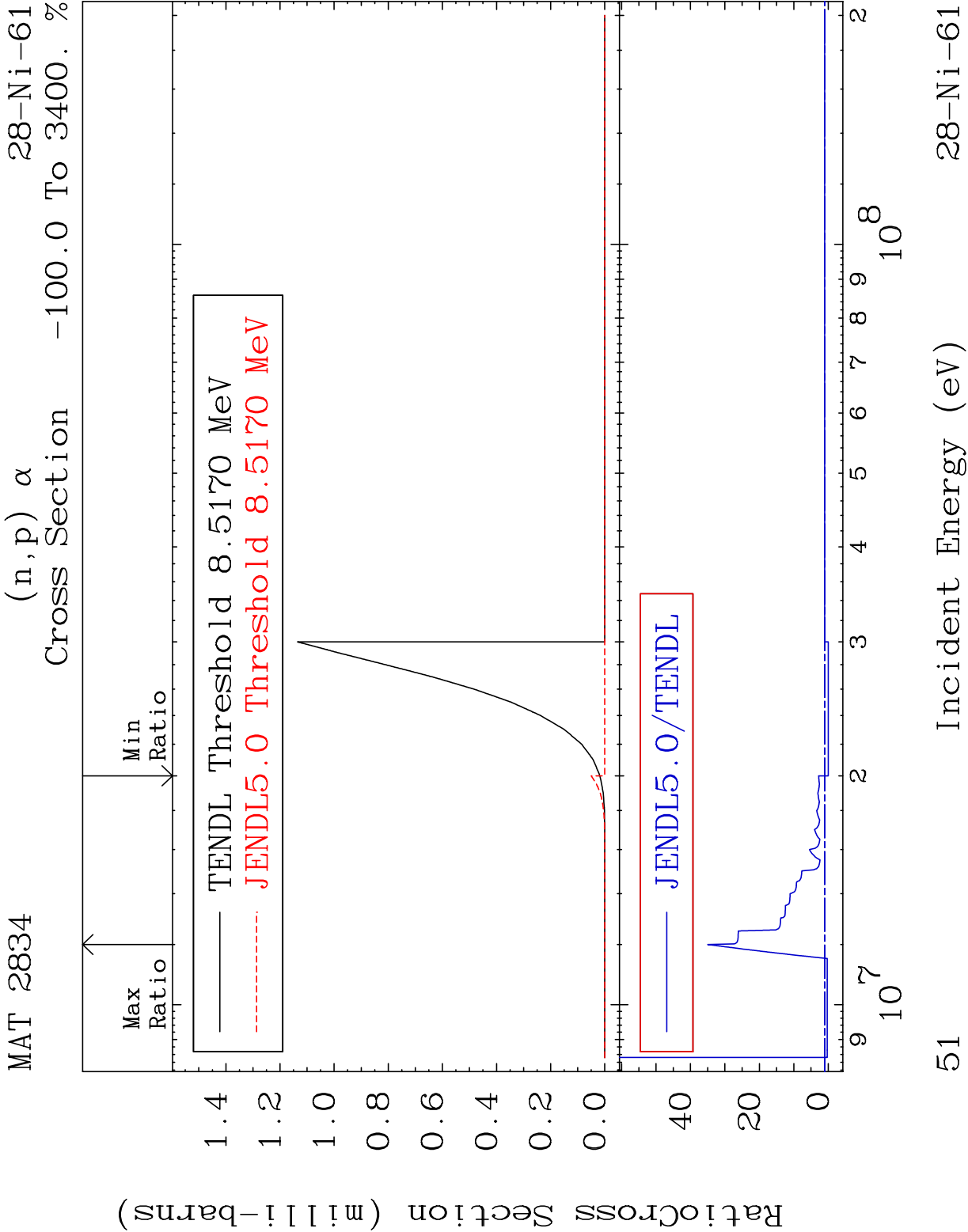


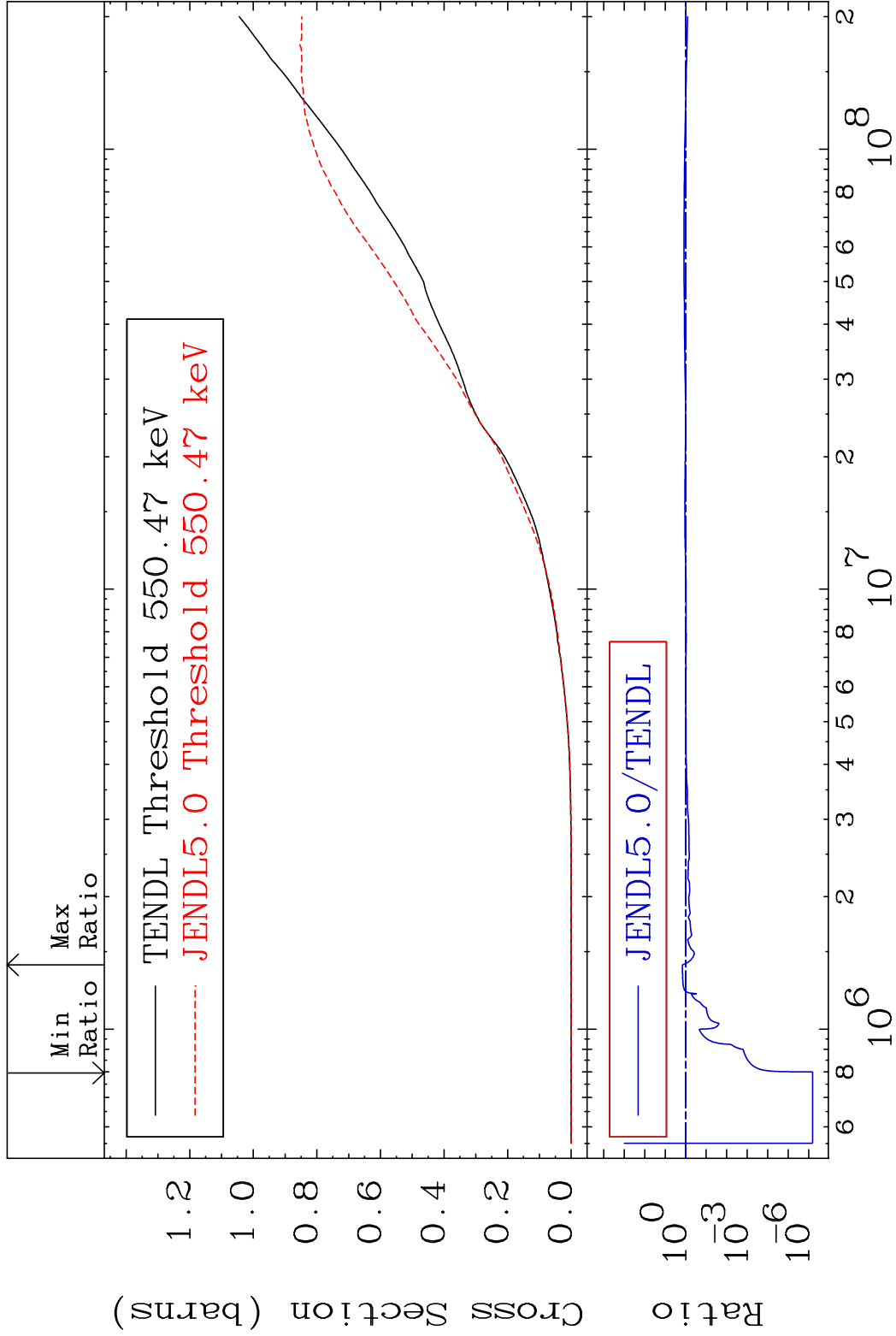


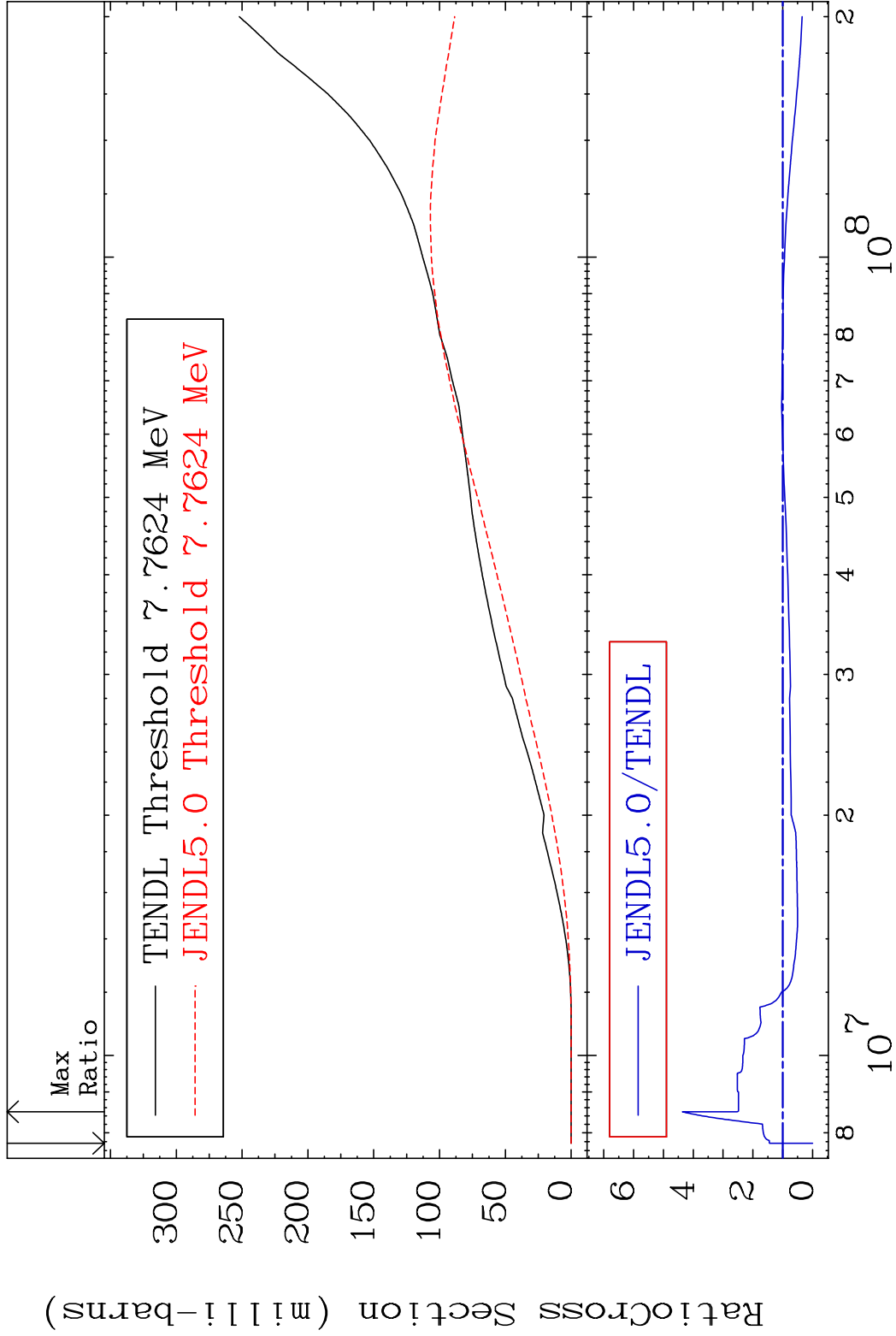


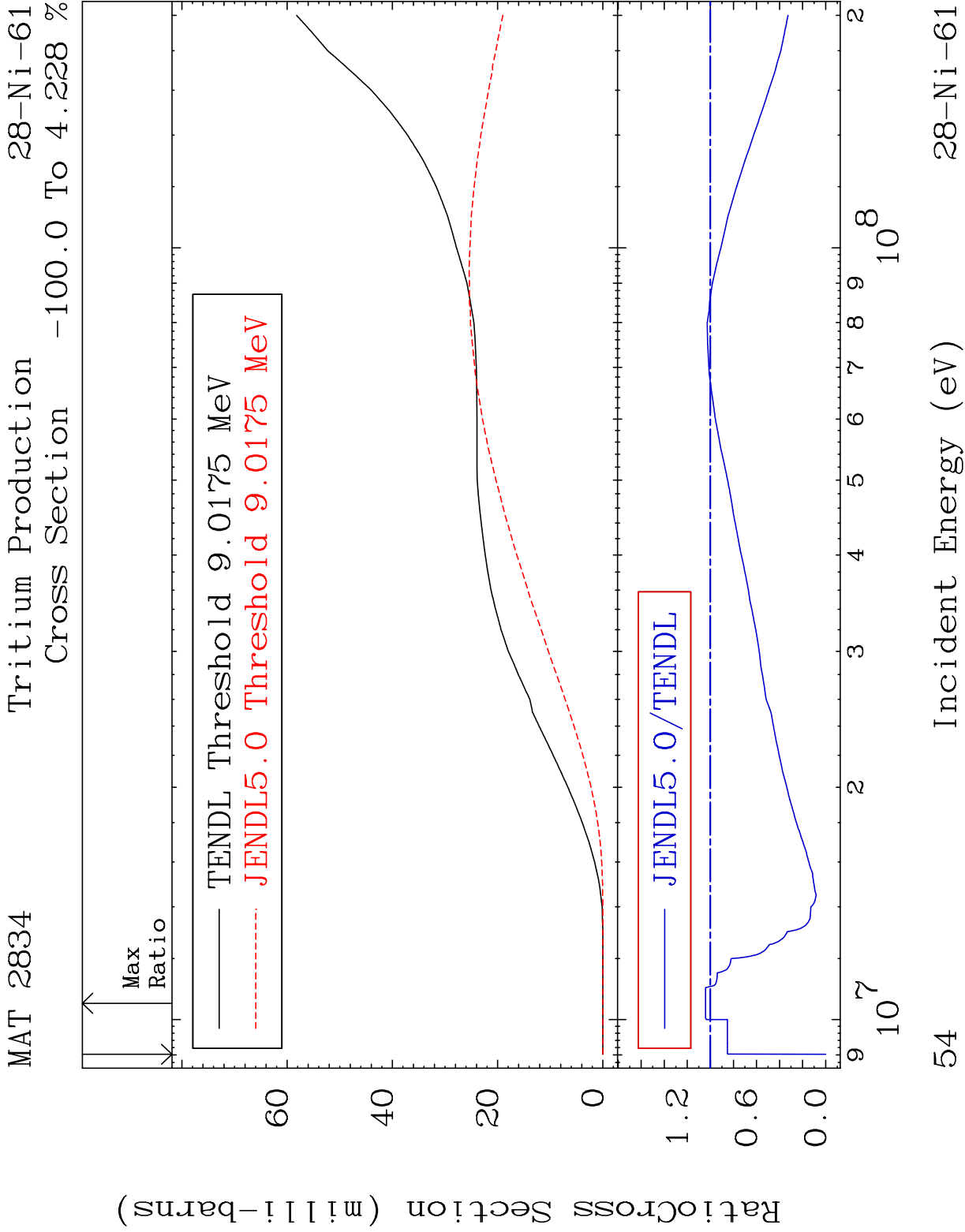


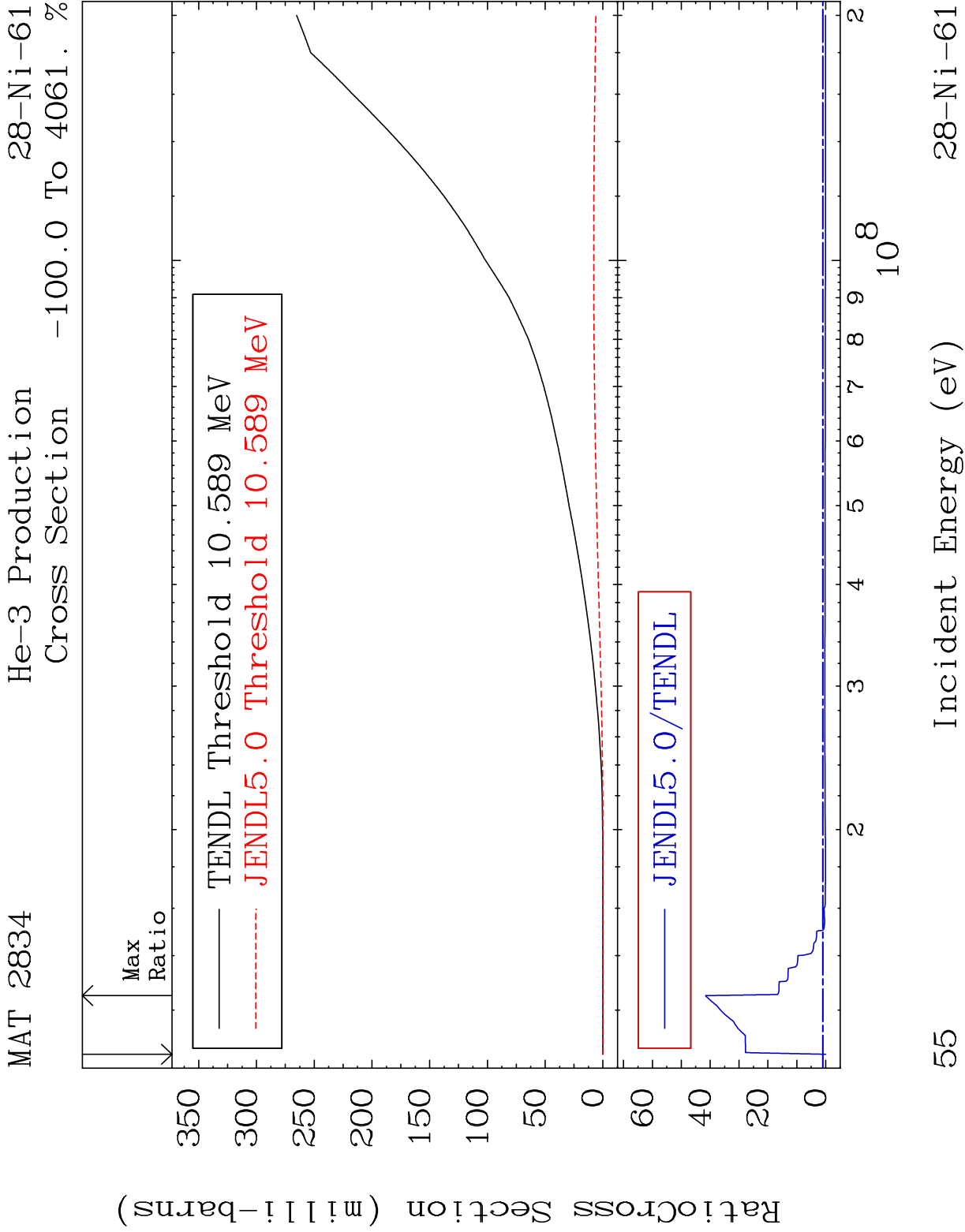


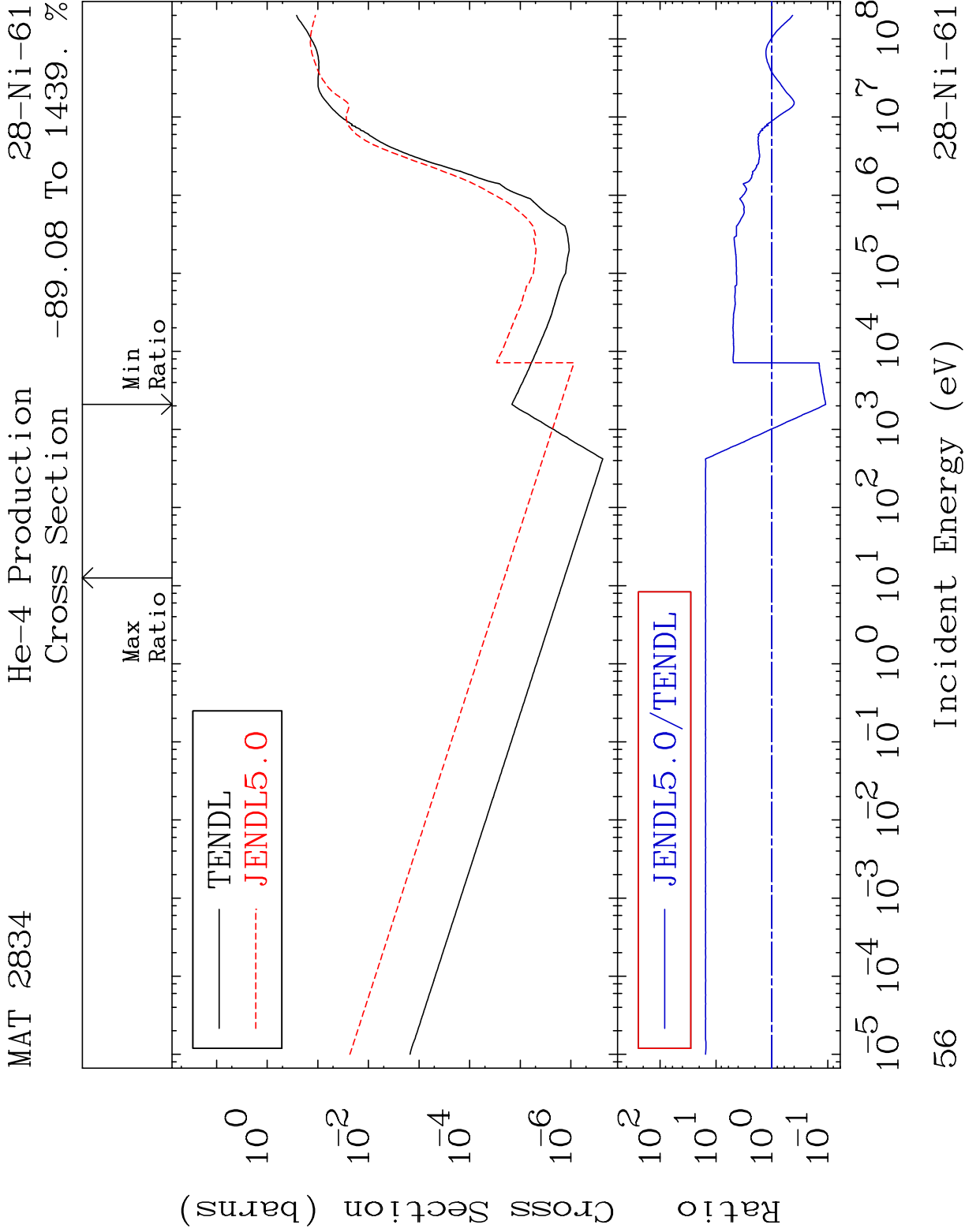


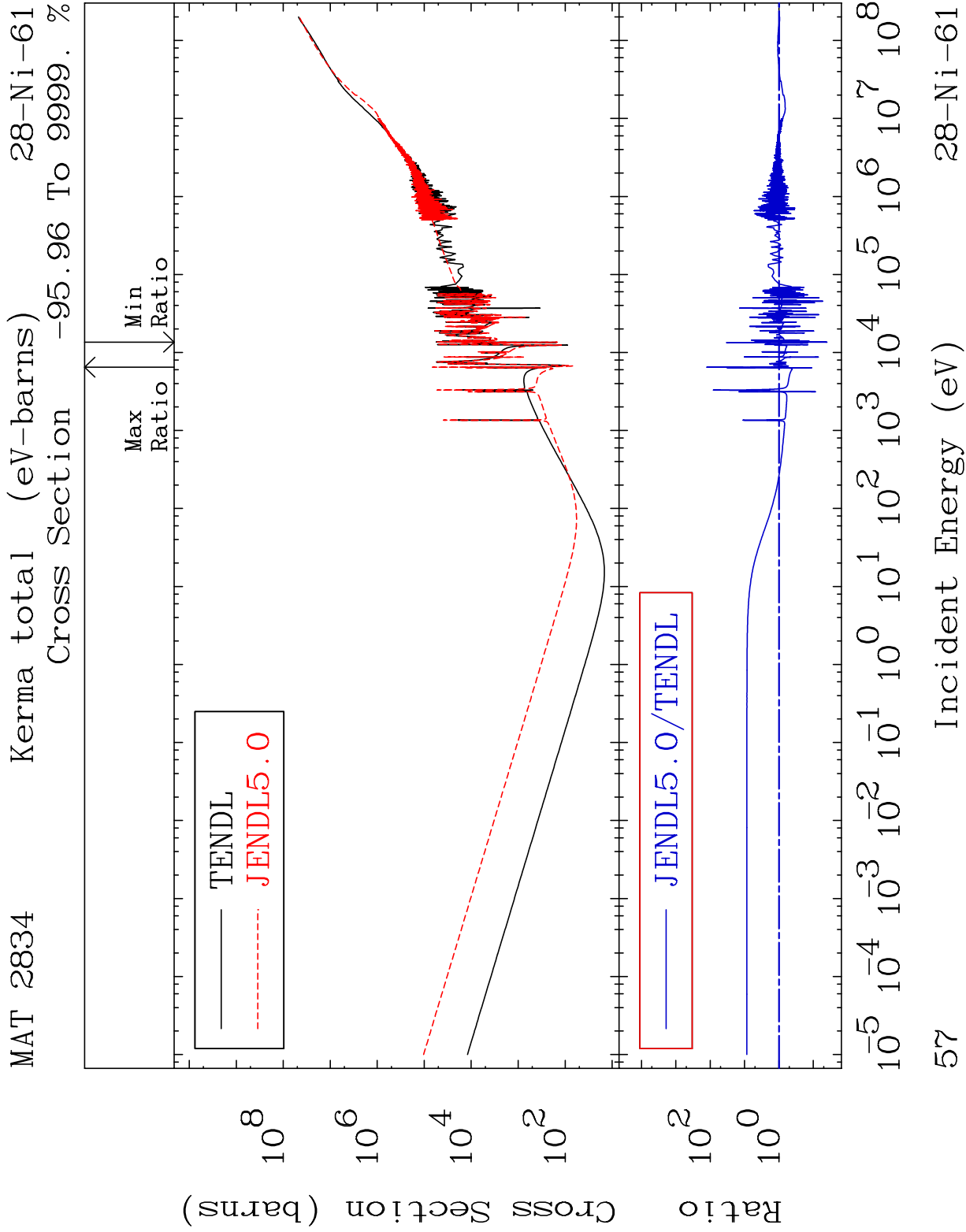










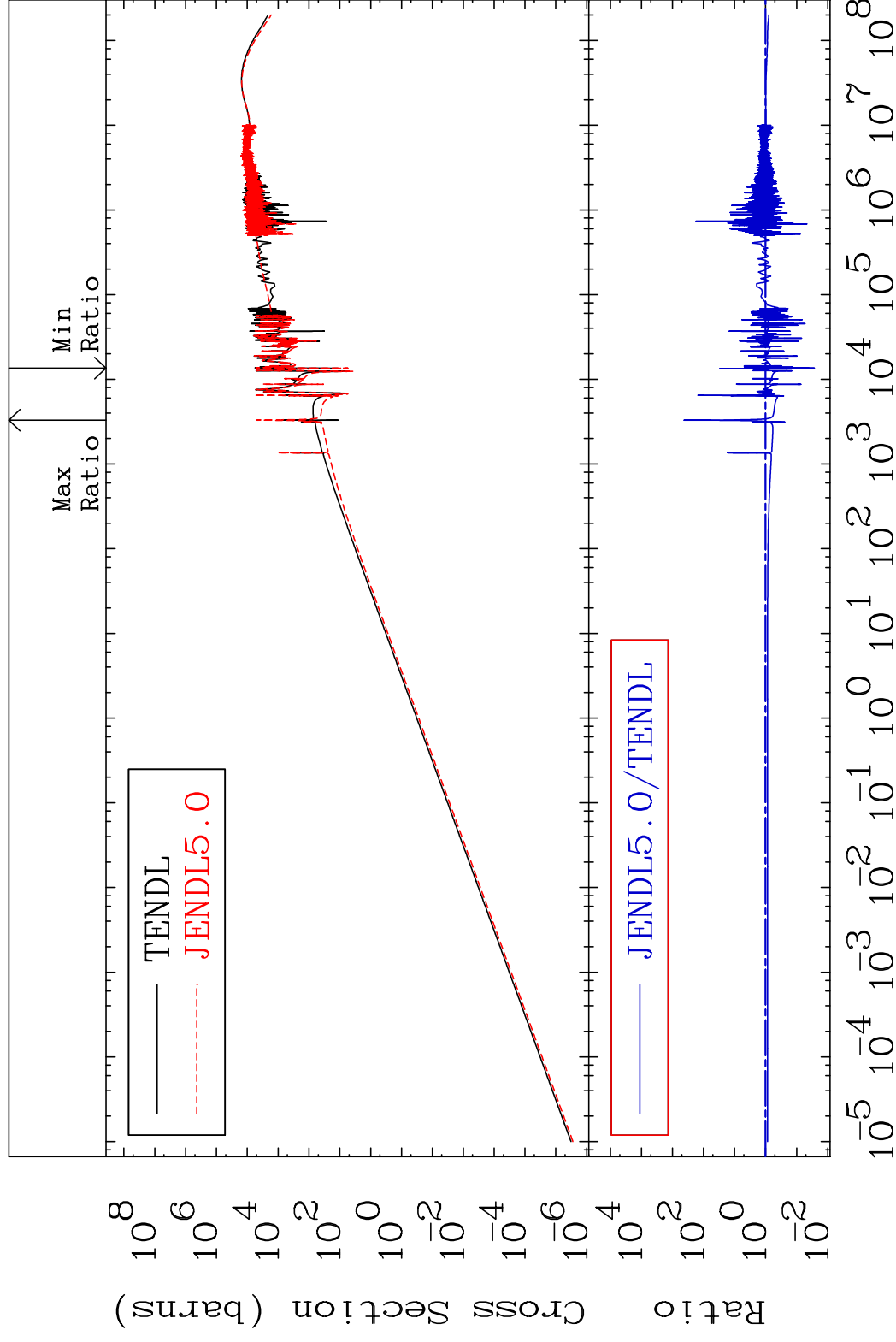


MAT 2834

Kerma elastic

28-Ni-61

Cross Section -97.30 To 9999. %

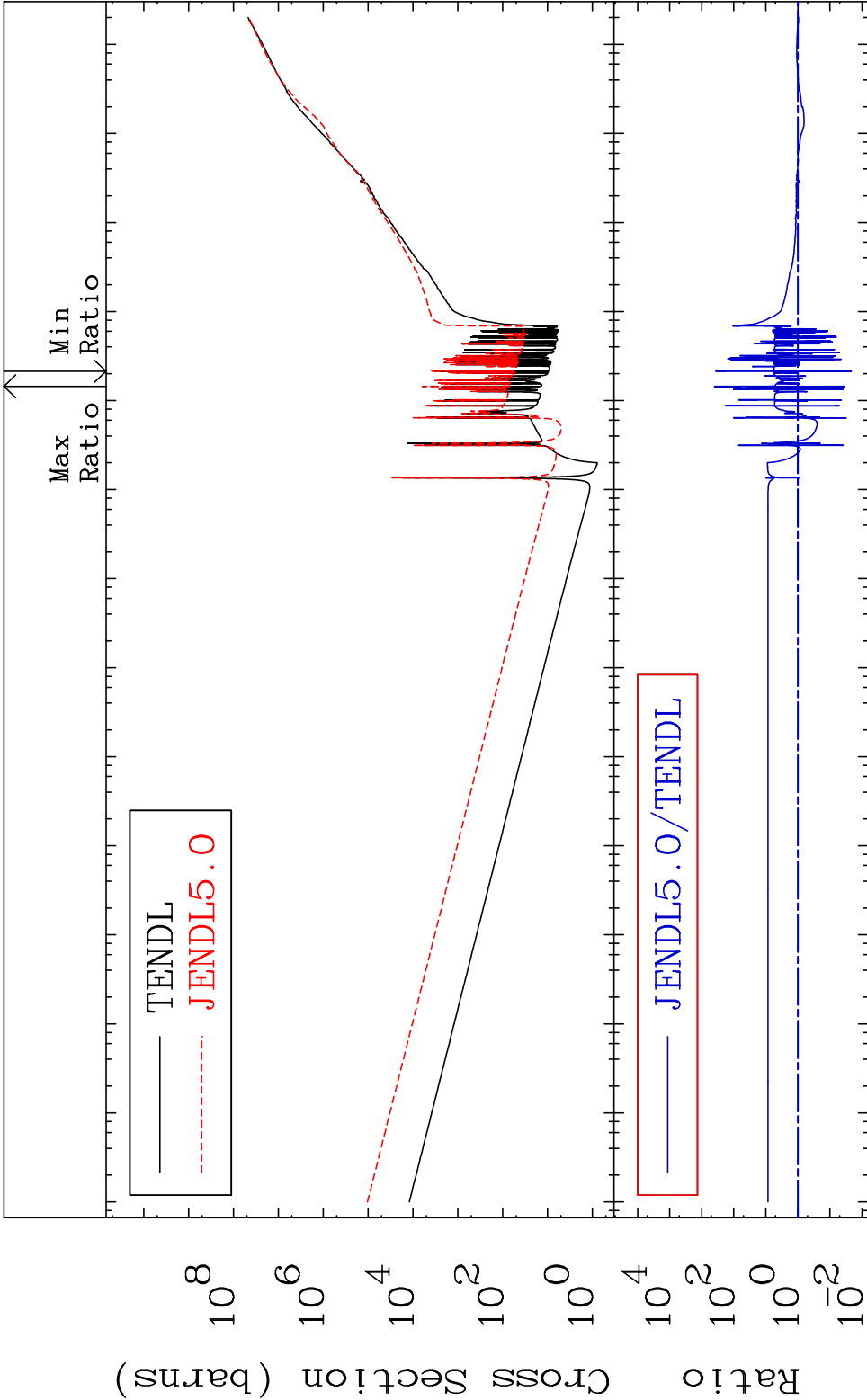


85

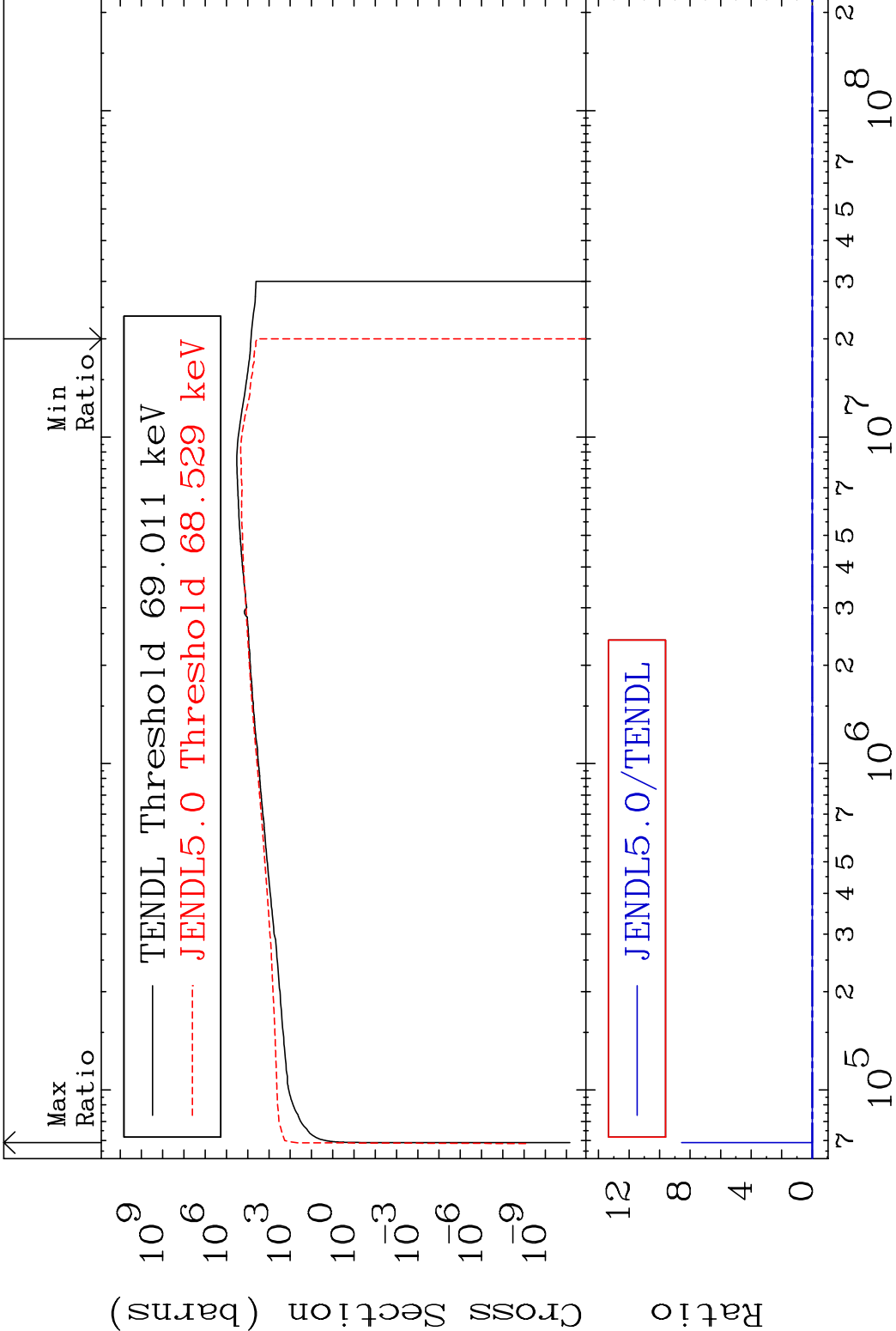
Incident Energy (eV)

 $^{28}\text{Ni}-61$

MAT 2834 Kerma non-elastic (all but mt2) 28-Ni-61
 Cross Section -97.82 To 9999. %

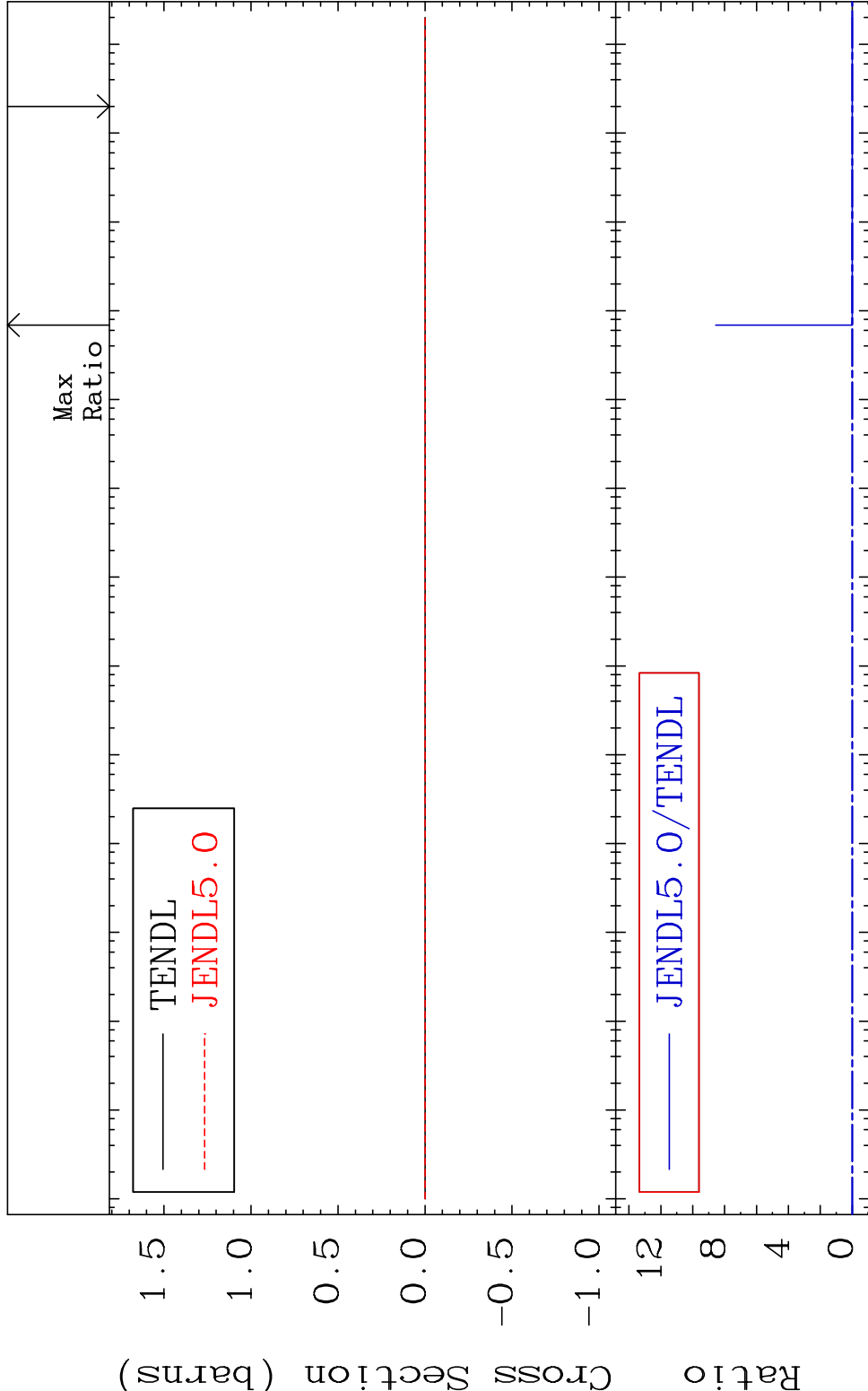


59 Incident Energy (eV) 28-Ni-61



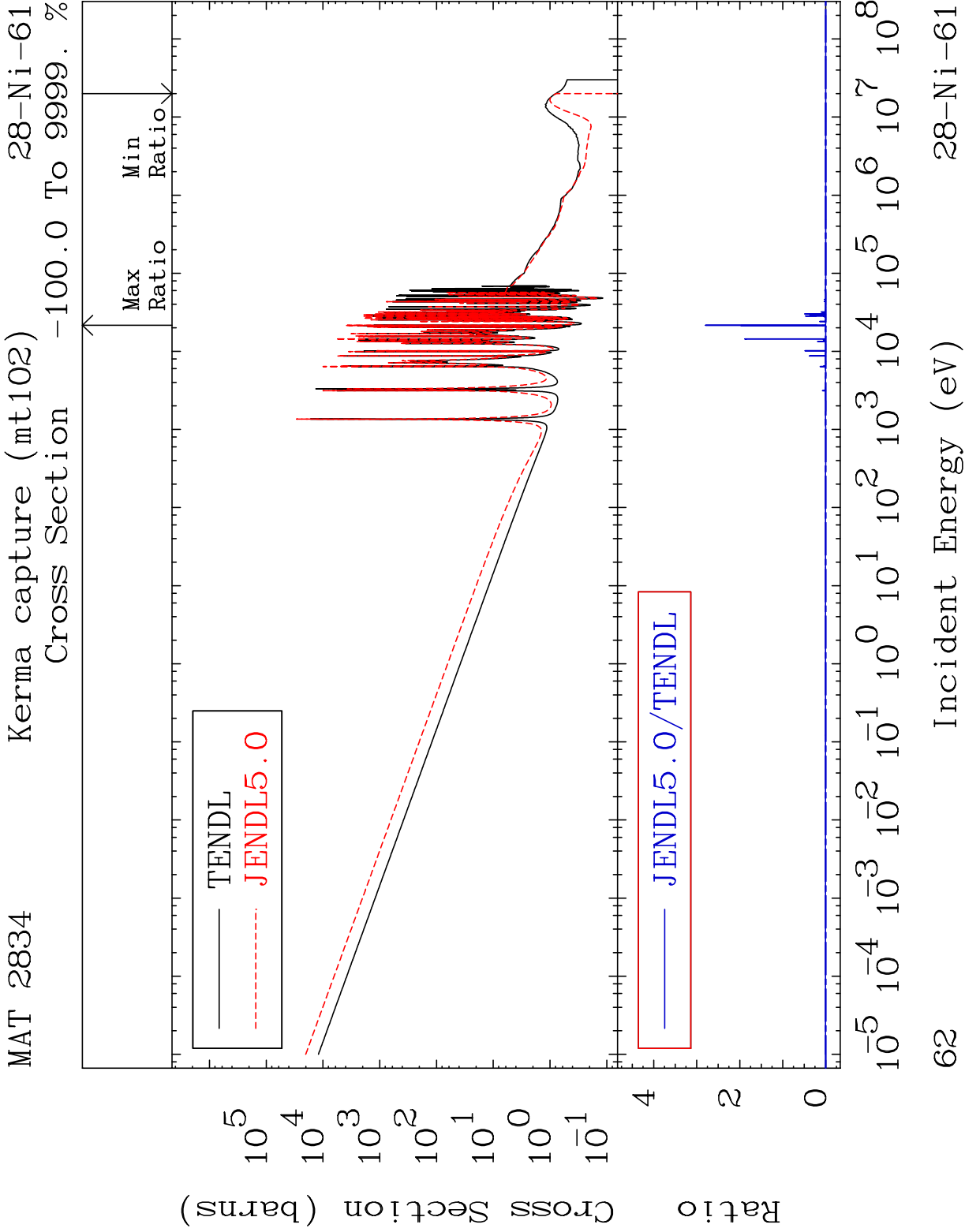
MAT 2834 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-61

Cross Section -100.0 To 9999. %

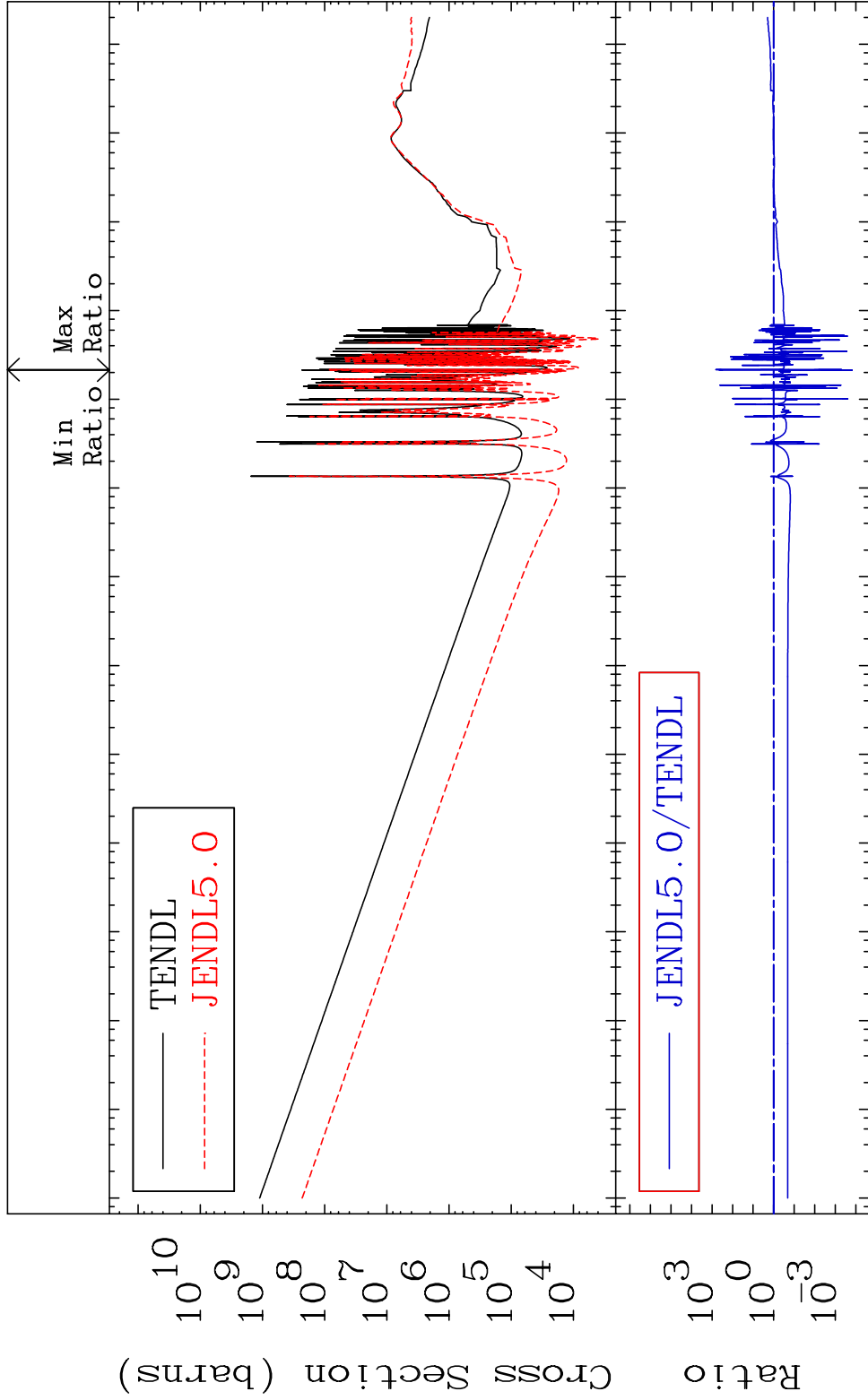


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

61 Incident Energy (eV) 28-Ni-61

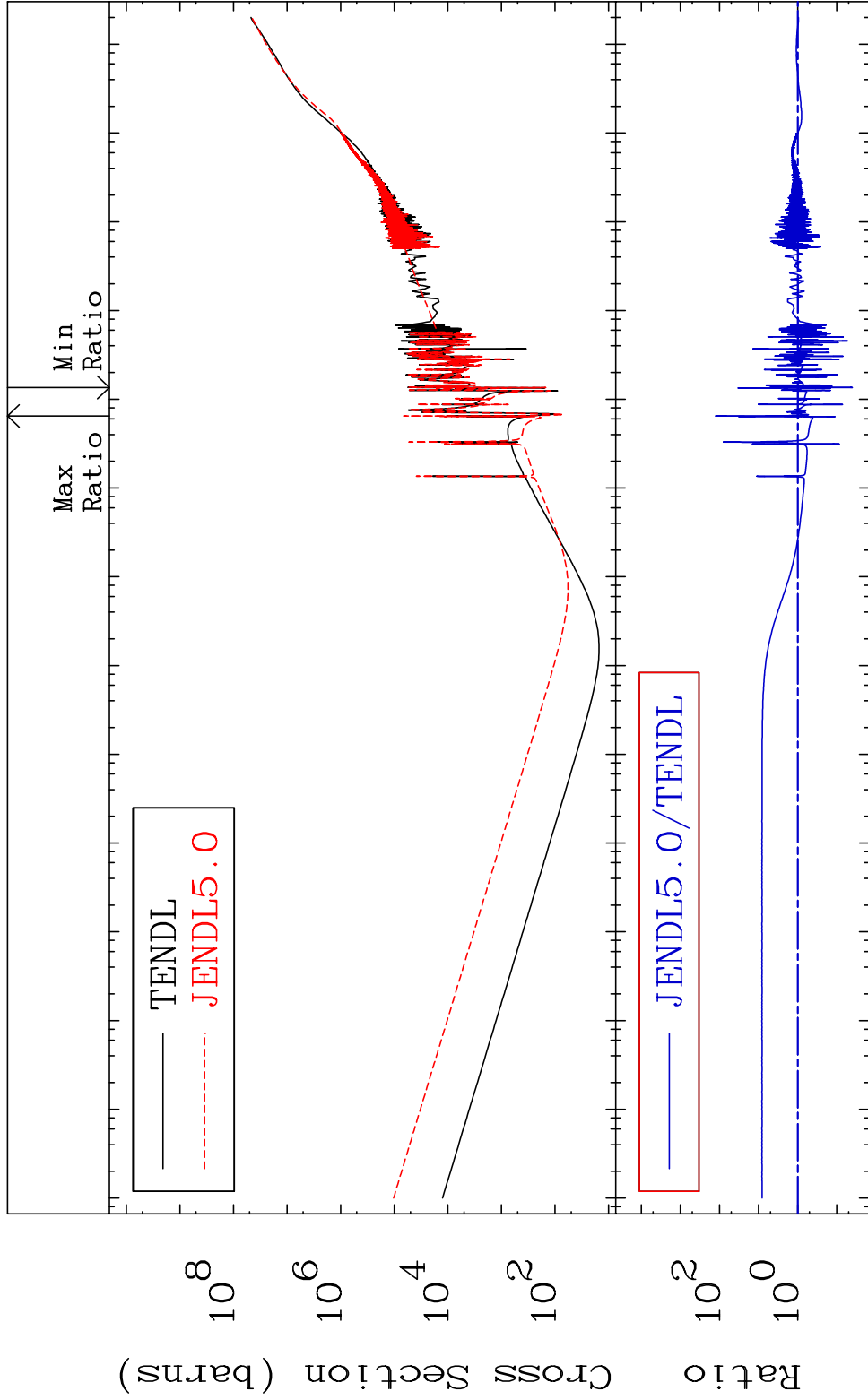


MAT 2834 Total photon (eV-barns) 28-Ni-61
Cross Section -99.99 To 9999. %



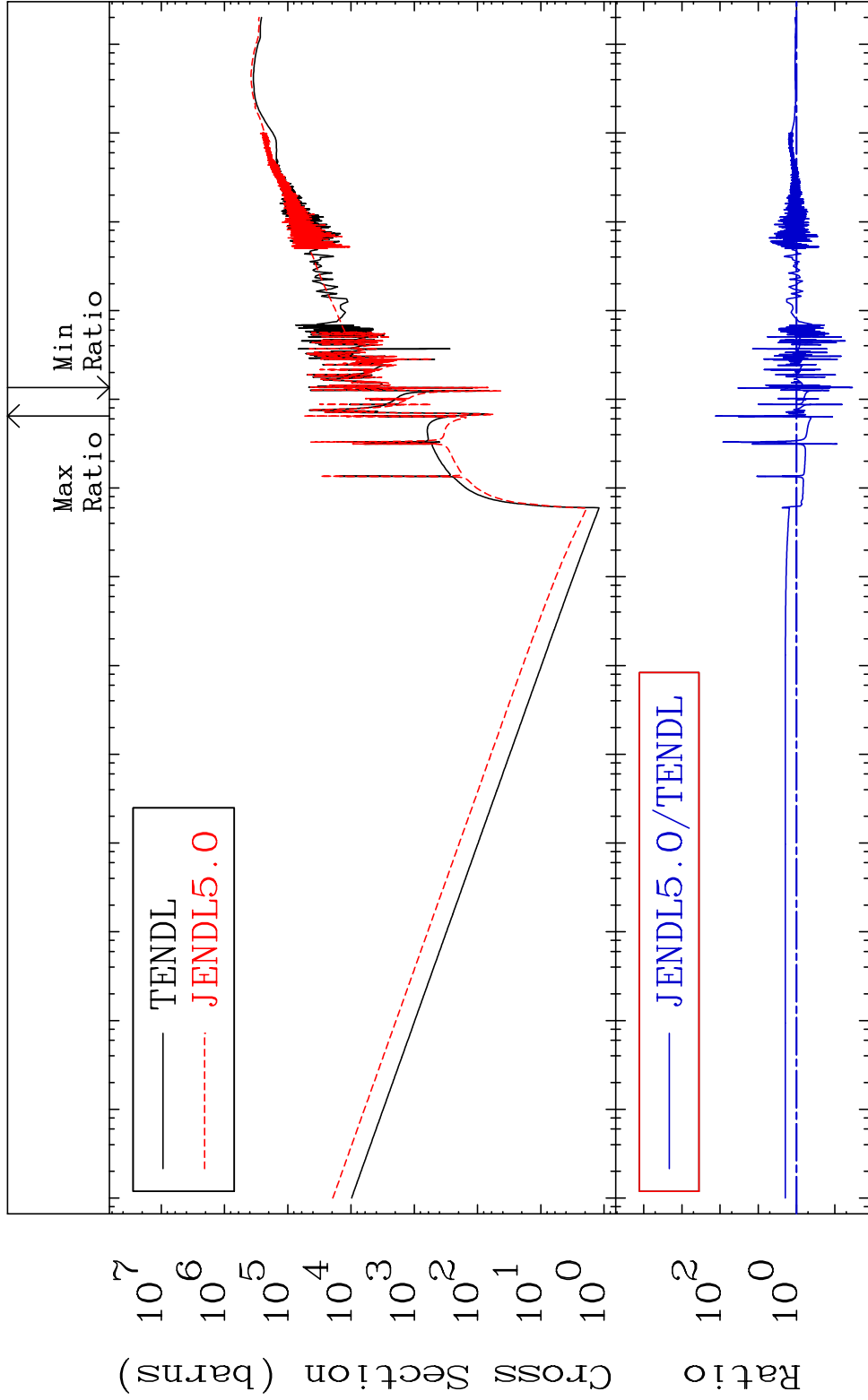
63 Incident Energy (eV) 28-Ni-61

MAT 2834 Total kinematic kerma (high limit) 28-Ni-61
Cross Section -95.96 To 9999. %



64 Incident Energy (eV) 28-Ni-61

MAT 2834 Dpa total (eV-barns) 28-Ni-61
Cross Section -96.50 To 9999. %



65 Incident Energy (eV) 28-Ni-61

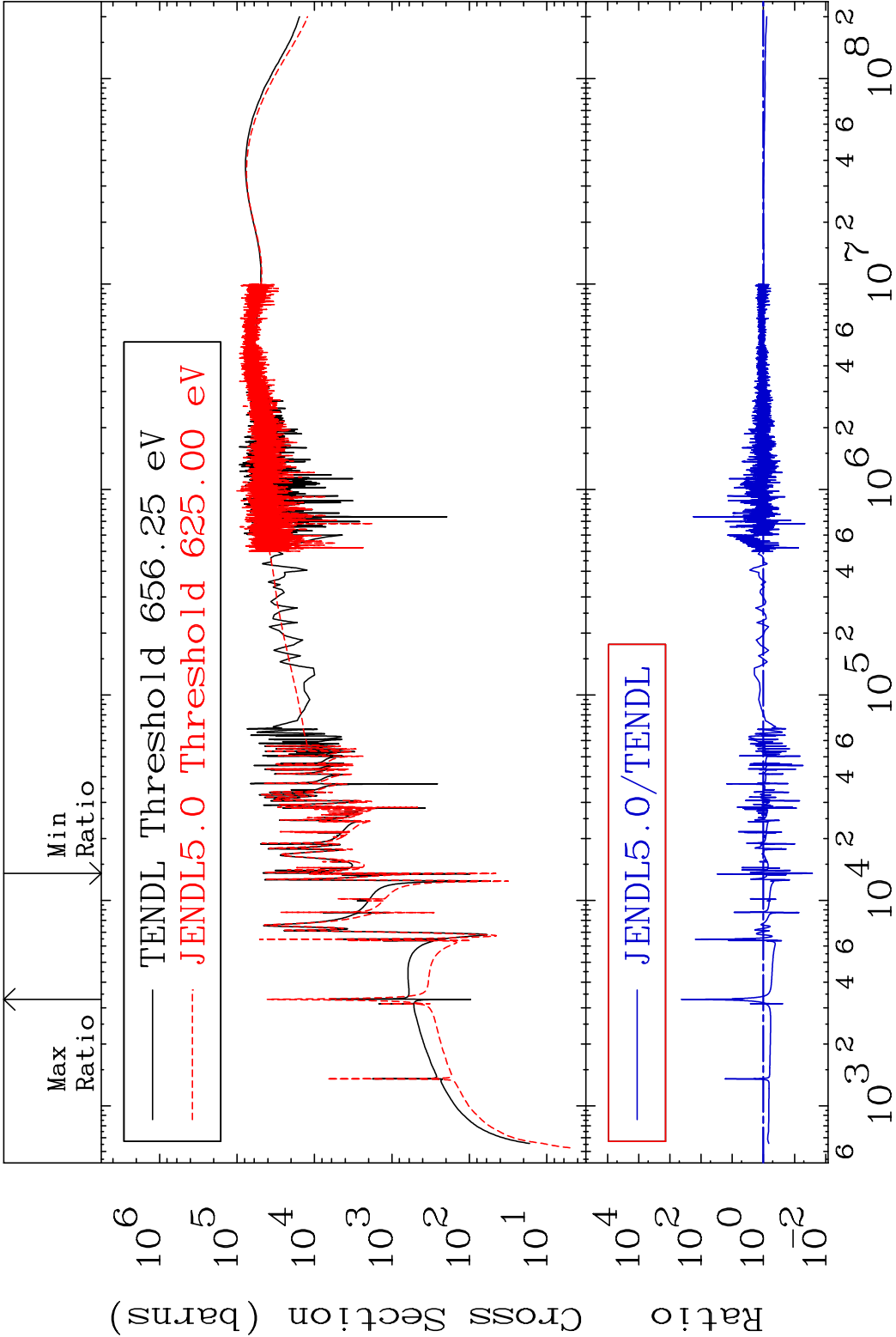
MAT 2834

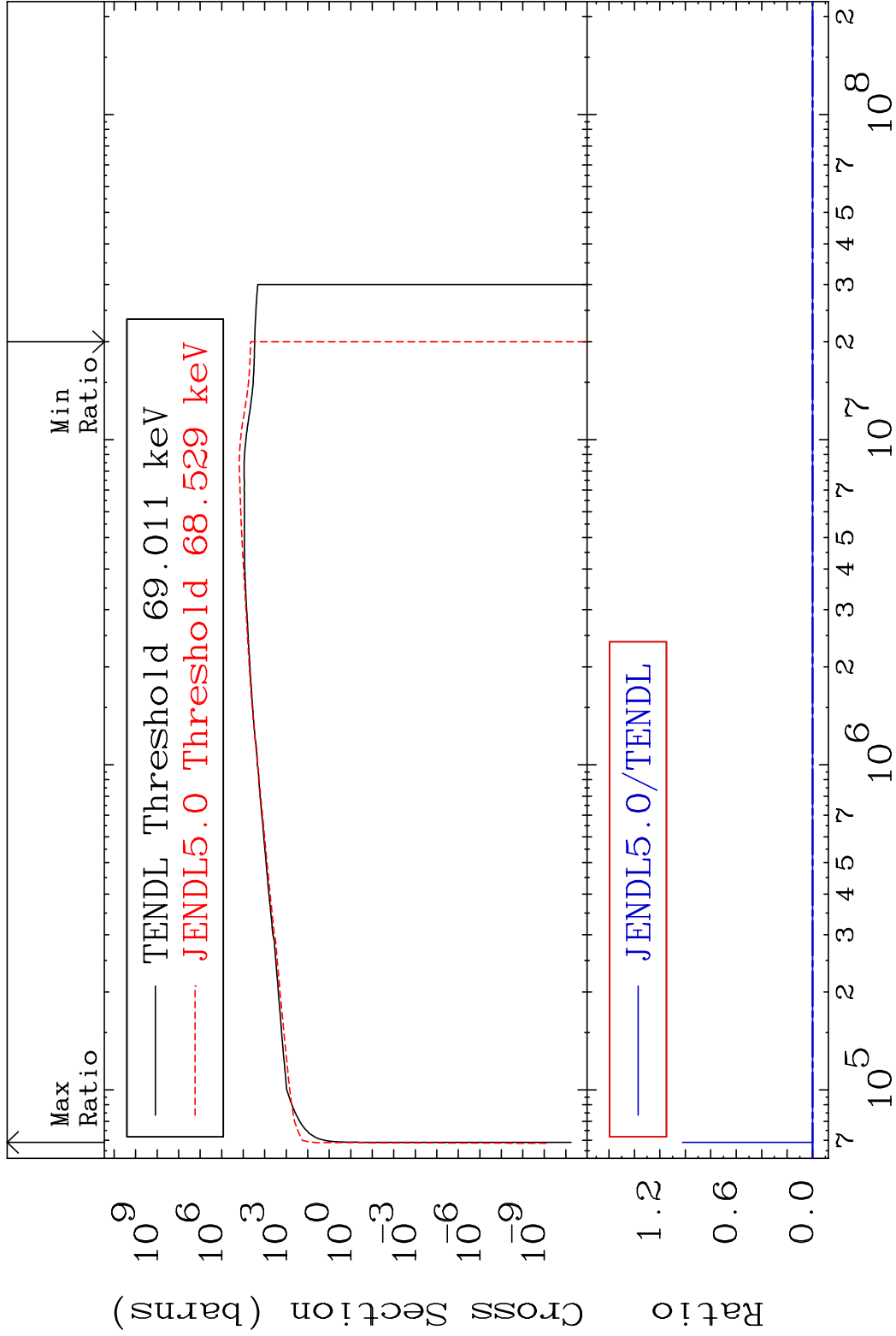
Dpa elastic (mt2)

28-Ni-61

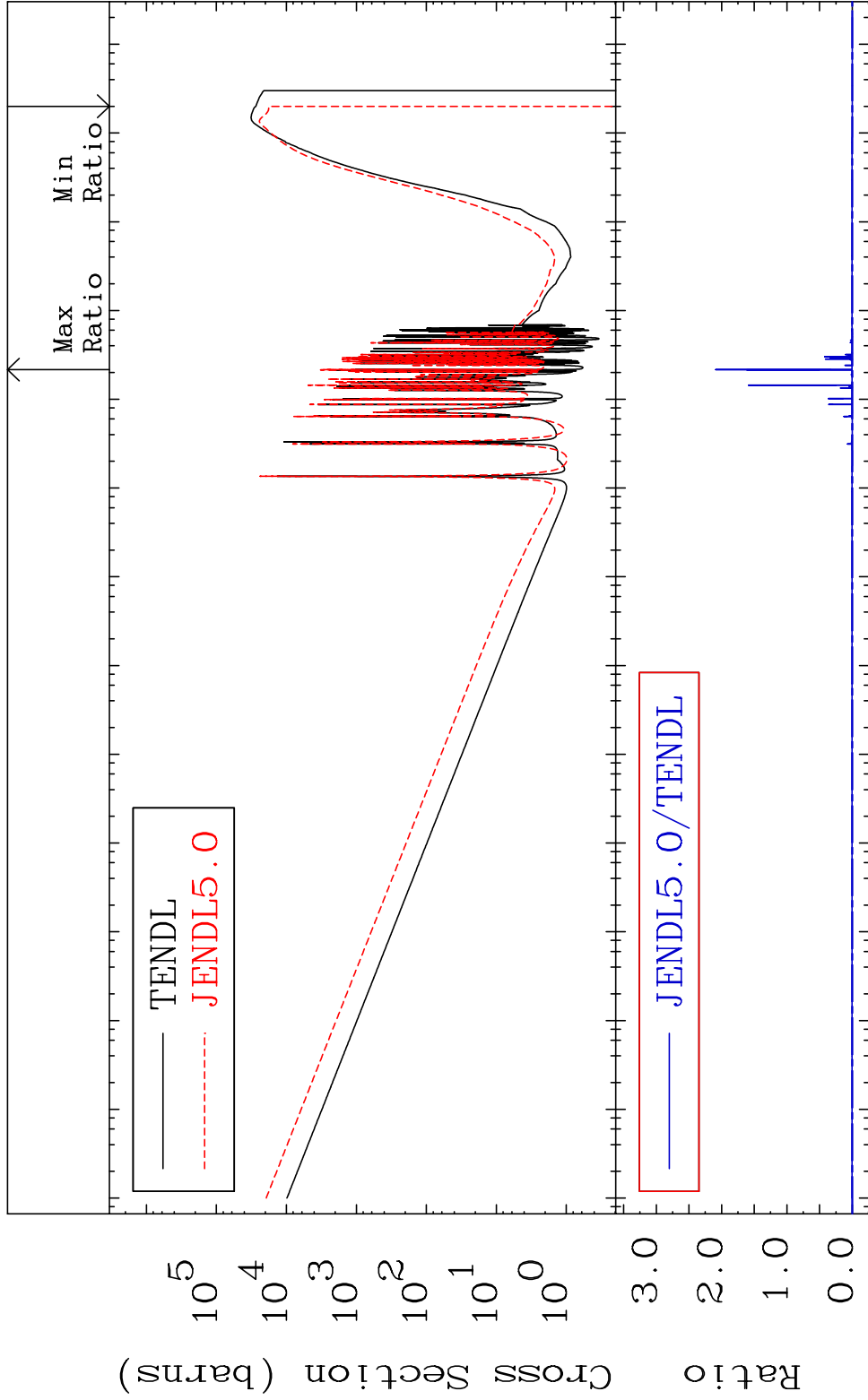
Cross Section

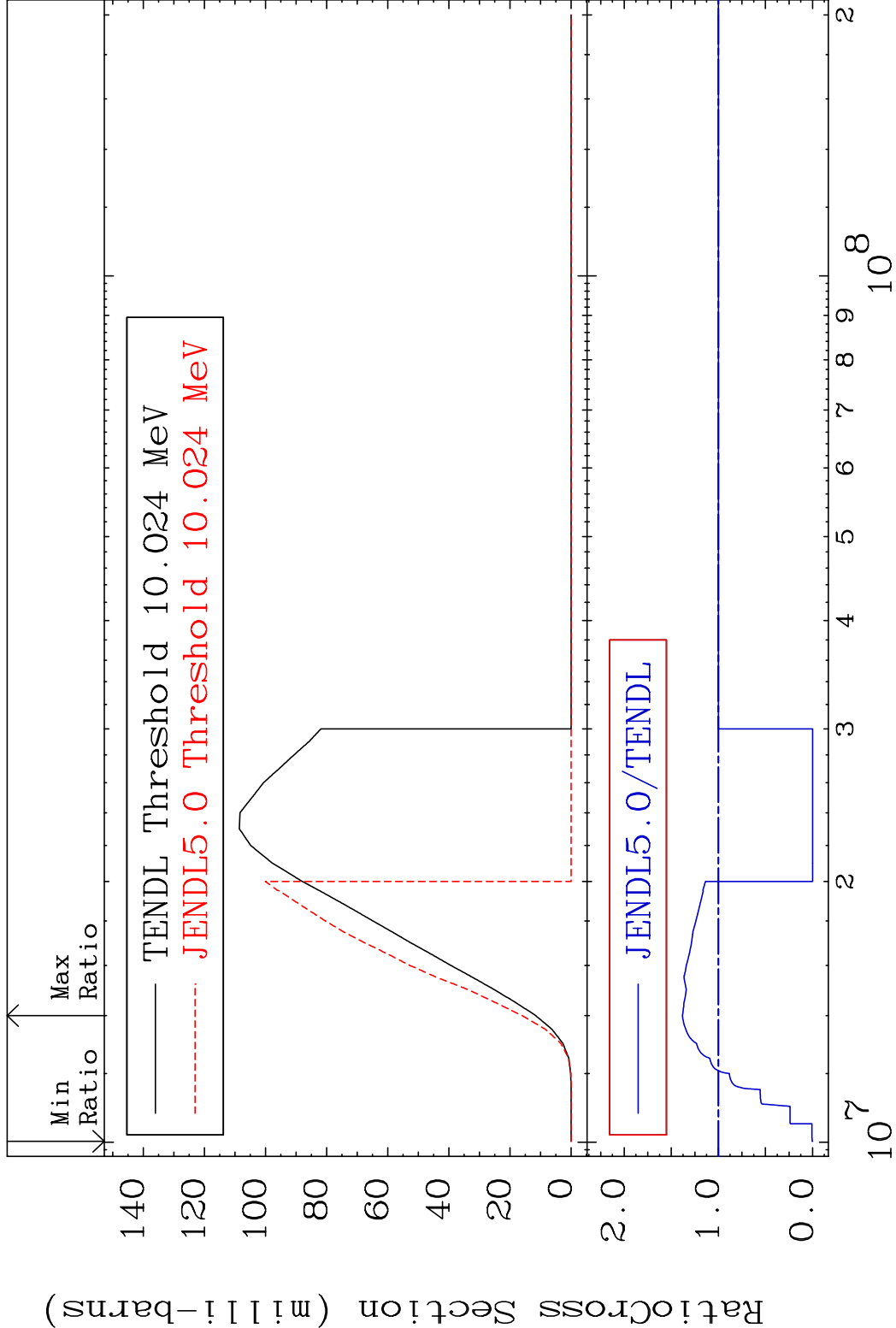
-97.30 To 9999. %





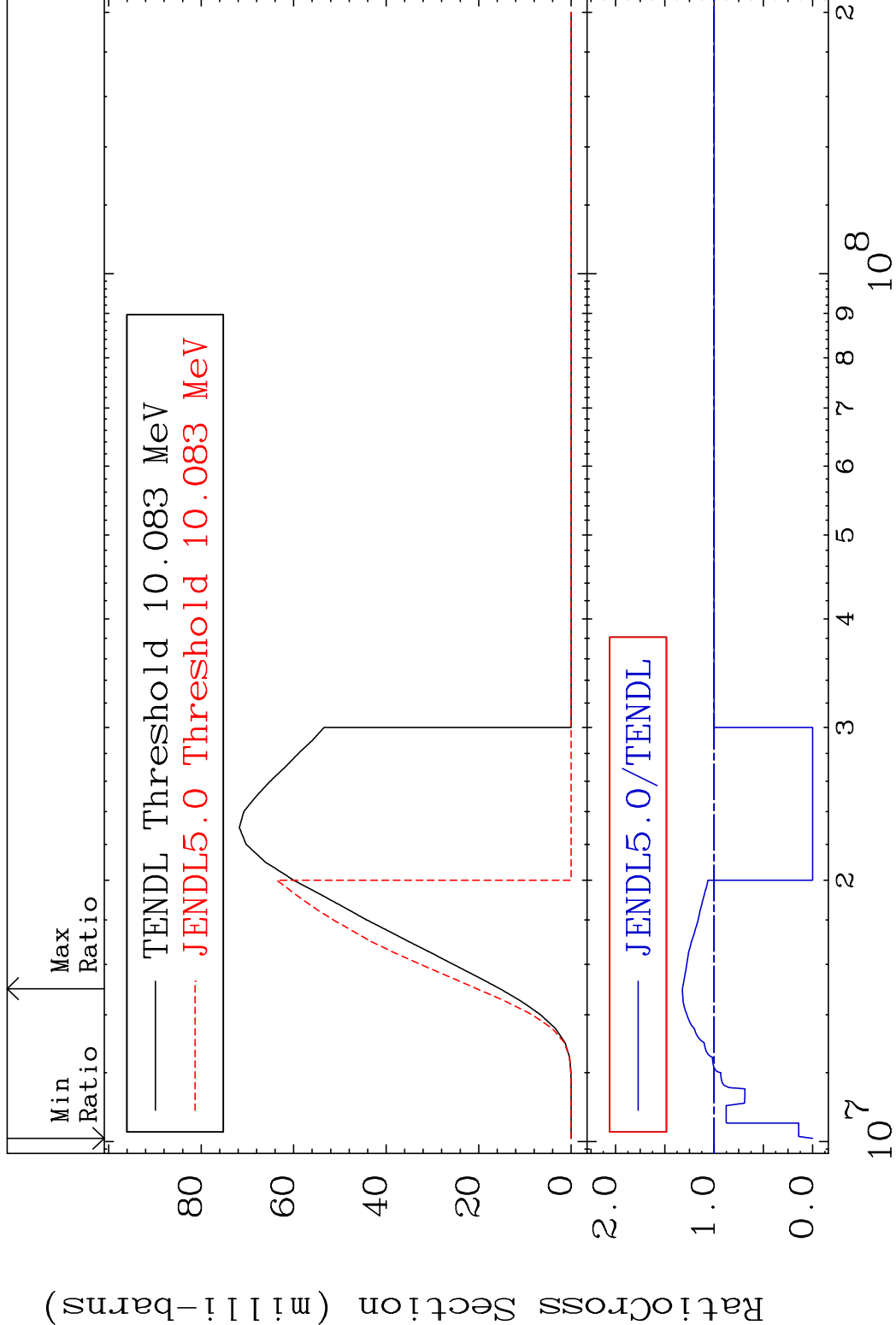
MAT 2834 Dpa disappearance (mt102 -120) 28-Ni-61
Cross Section -100.0 To 9999. %





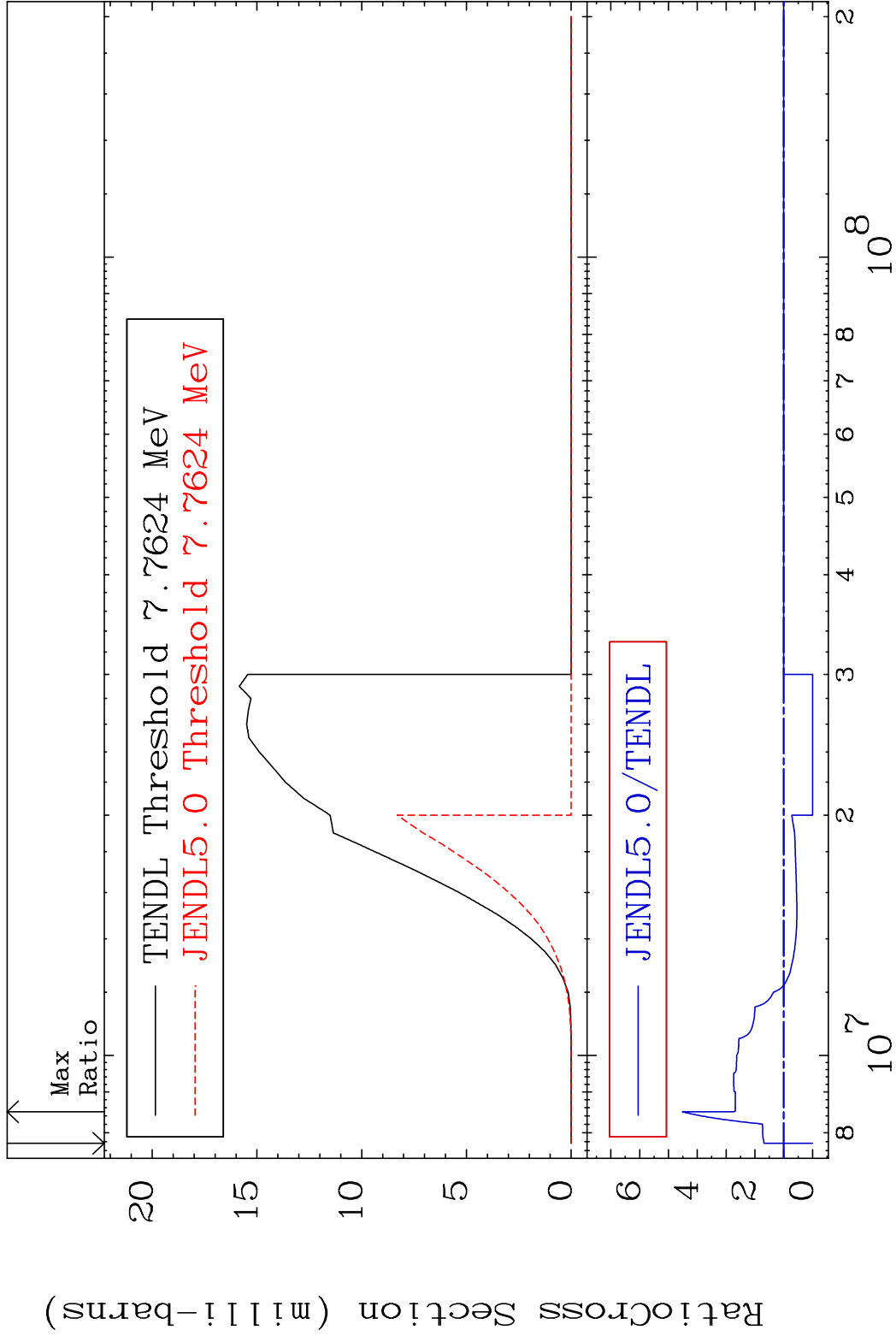
MAT 2834 (n,n') p:27-Co-60m1 28-Ni-61

Radionuclide Production Cross Section 180.0 mb 32.24 %



MAT 2834 (n,d):27-Co-60g 28-Ni-61

Radionuclide Production Cross Section to 351.8 %



71 28-Ni-61

Radionuclide Production Cross-Section 245.1 %

