

Program Complot
(Version 2021-1)

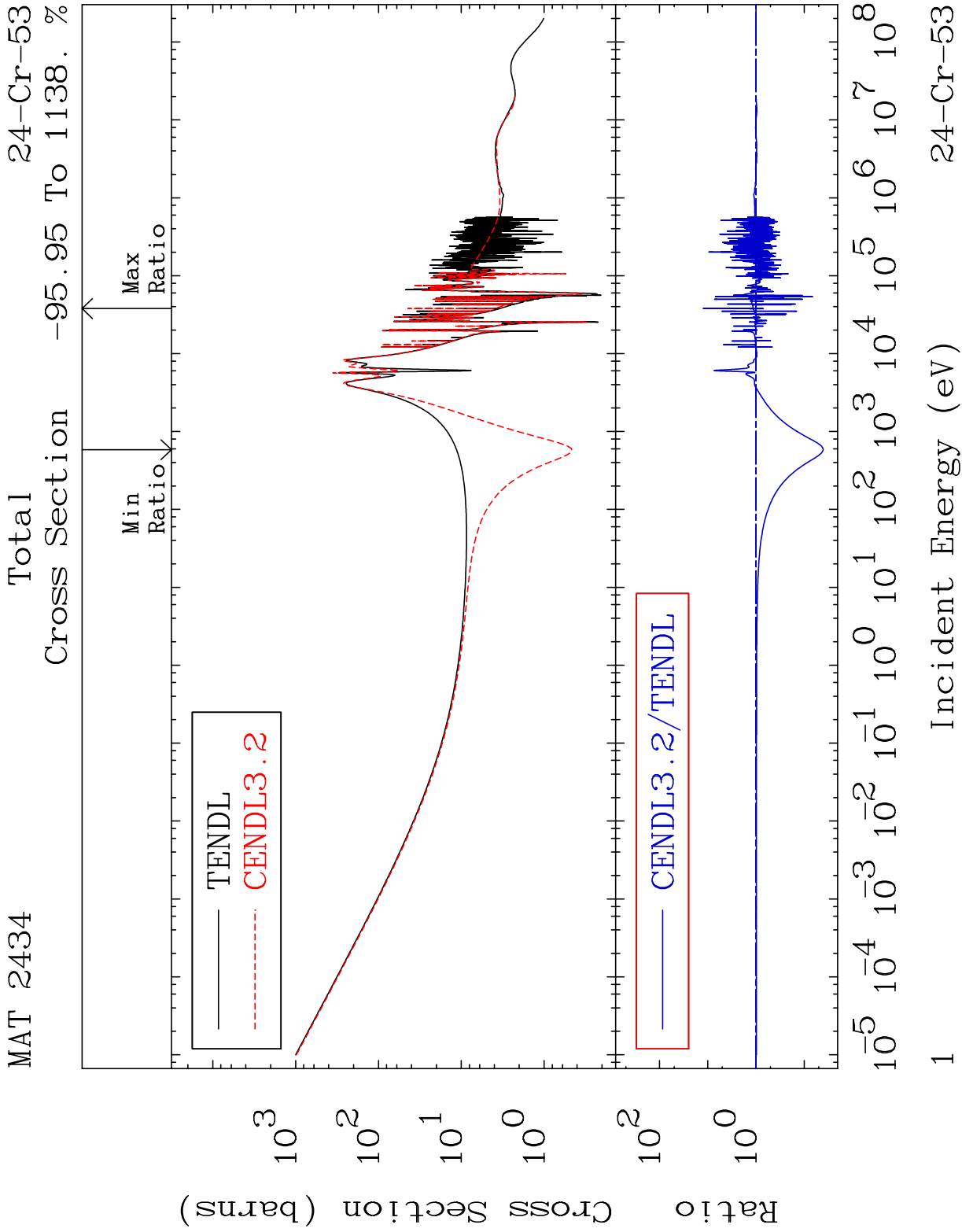
by

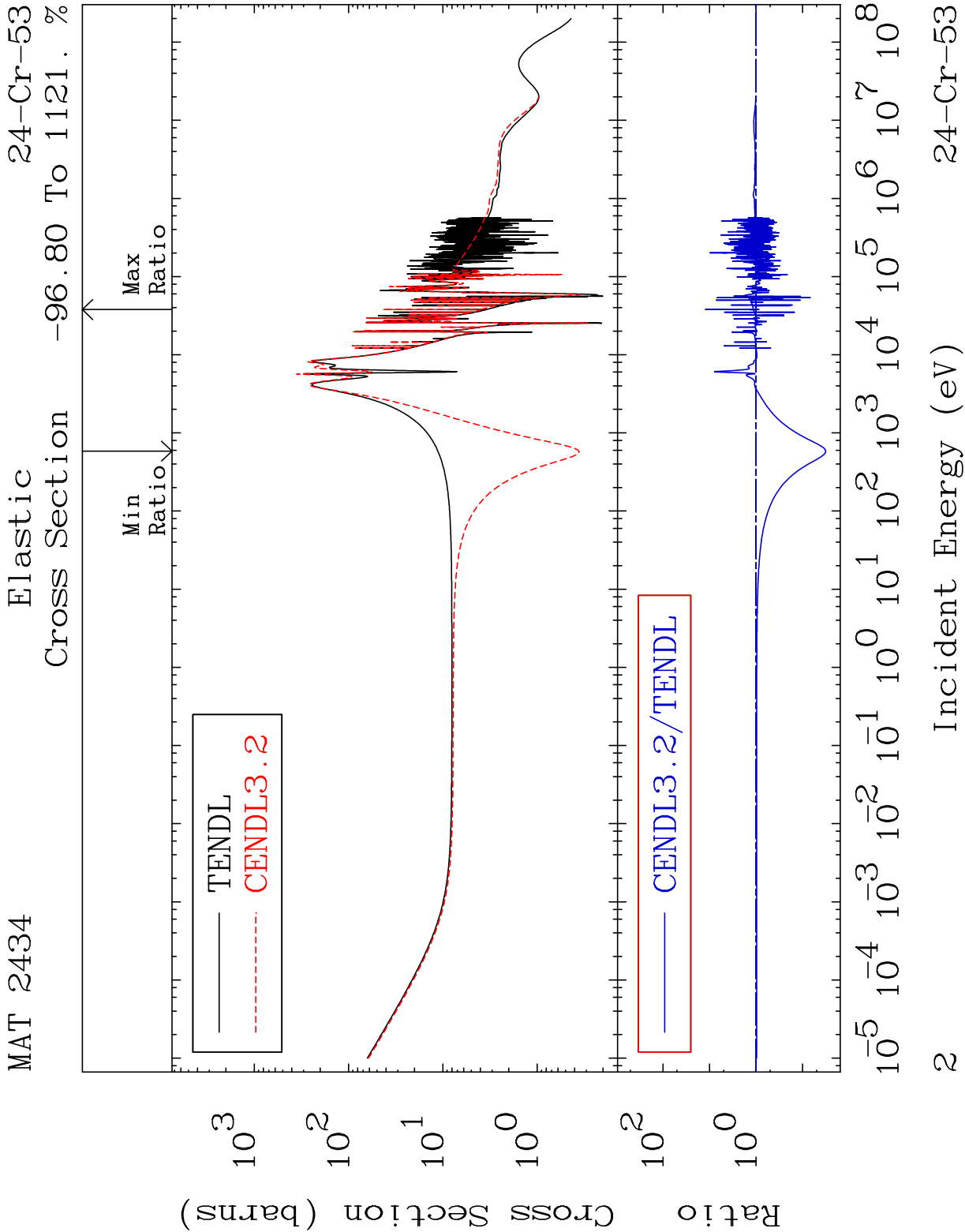
Dermott E. Cullen
(Present Contact Information)

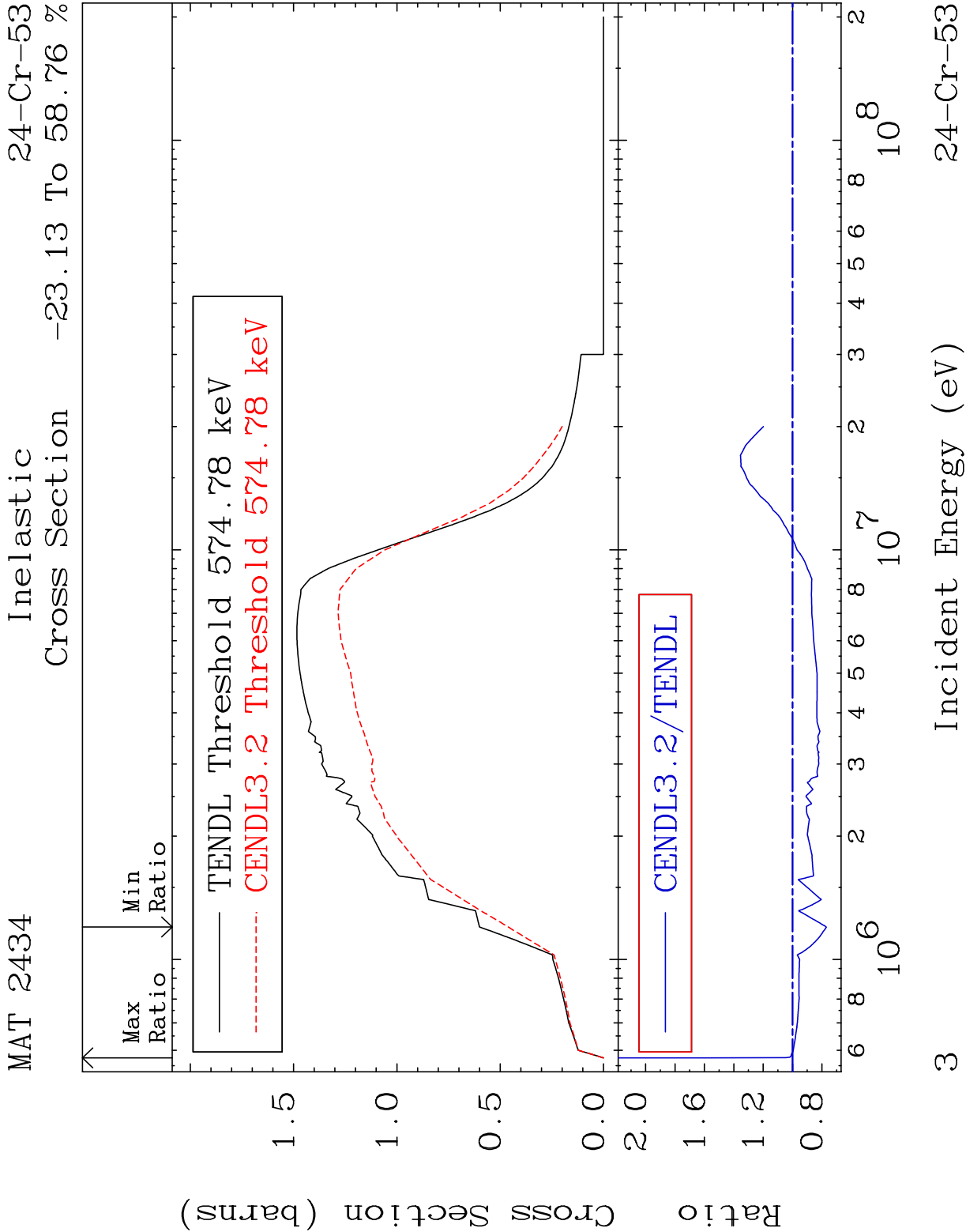
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

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

Press Mouse Button to Start





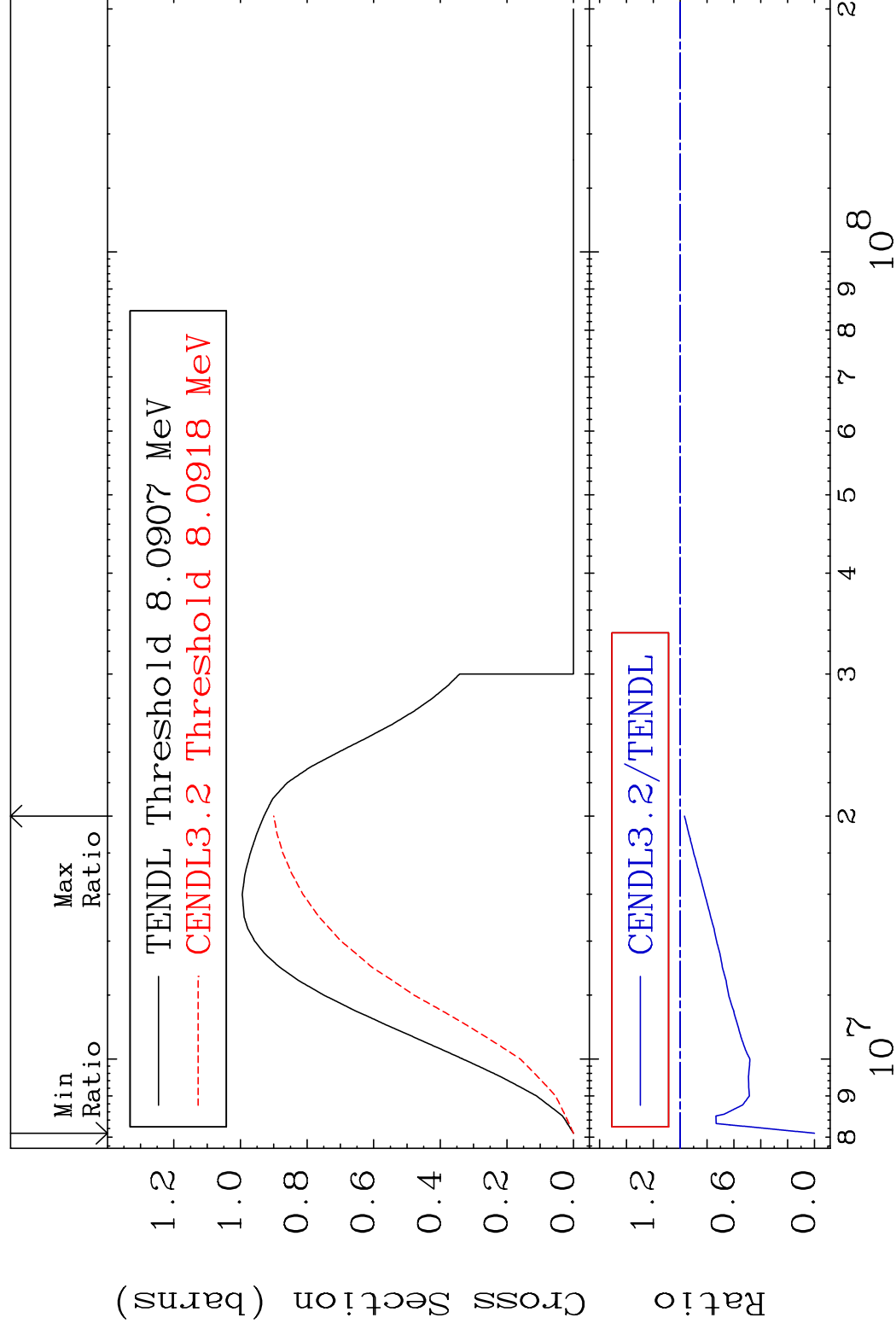


MAT 2434

$$(n, 2n)$$

24-Cr-53

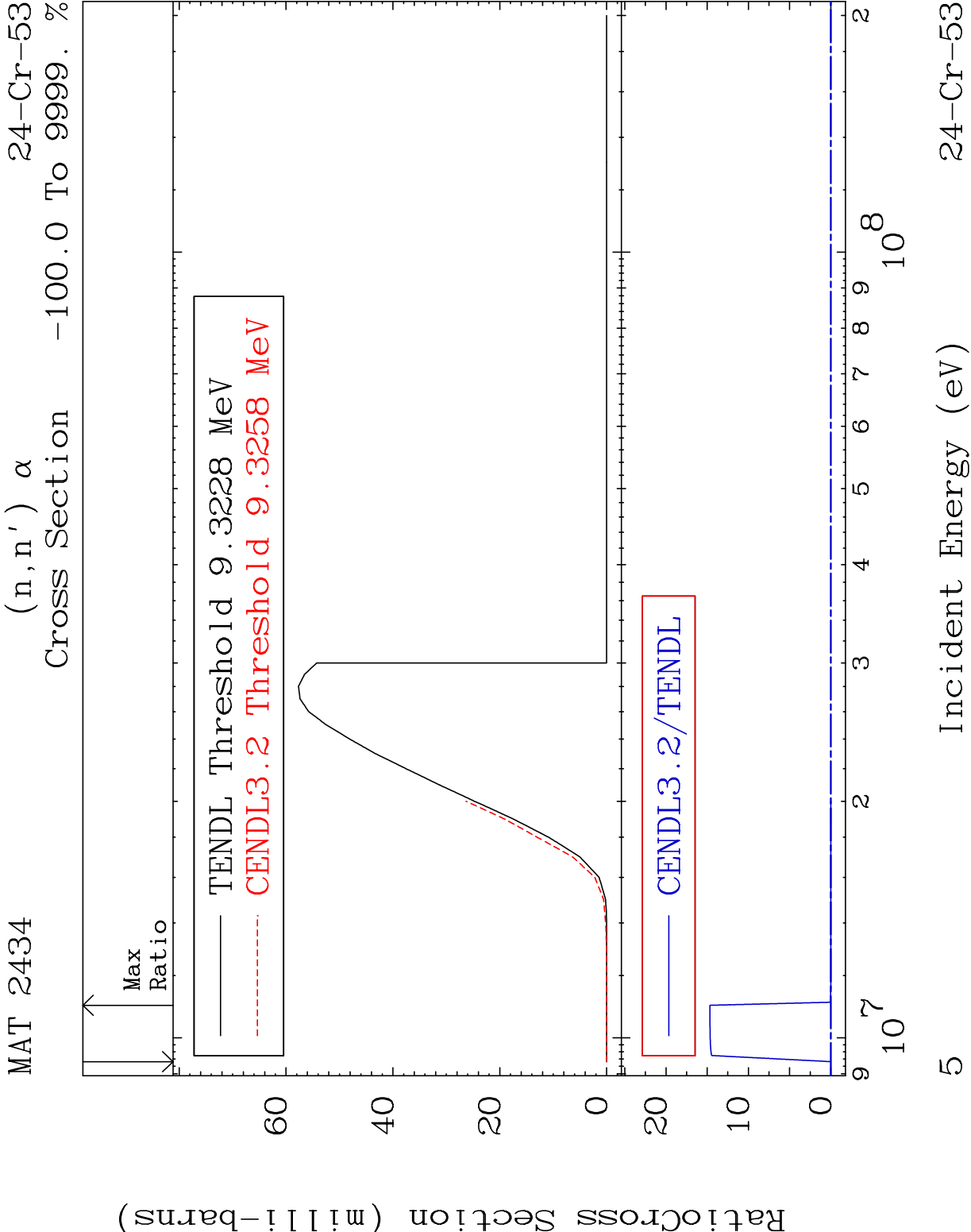
Cross Section	-100.0 To -3.160%

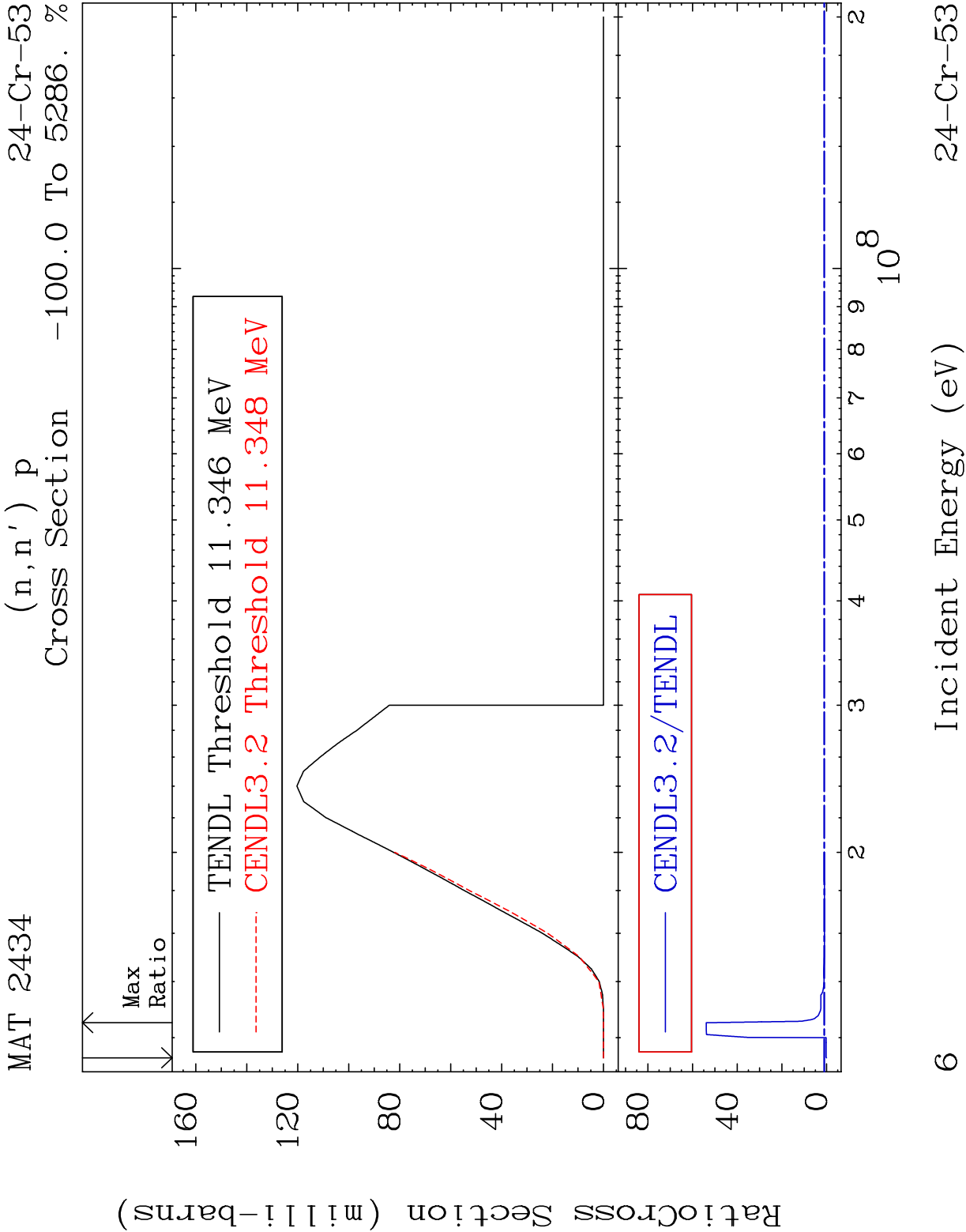


4

Incident Energy (eV)

24-Cr-53



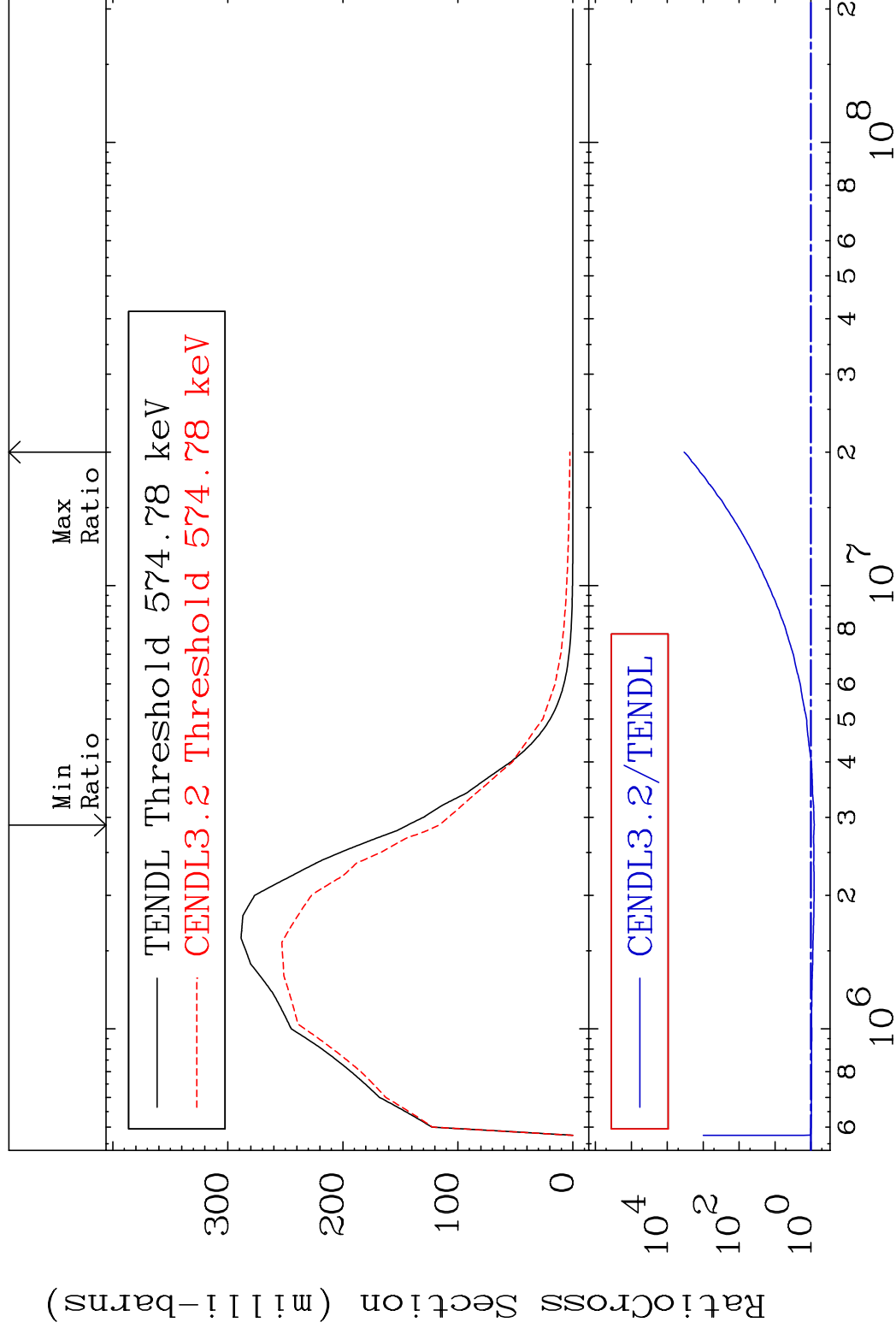


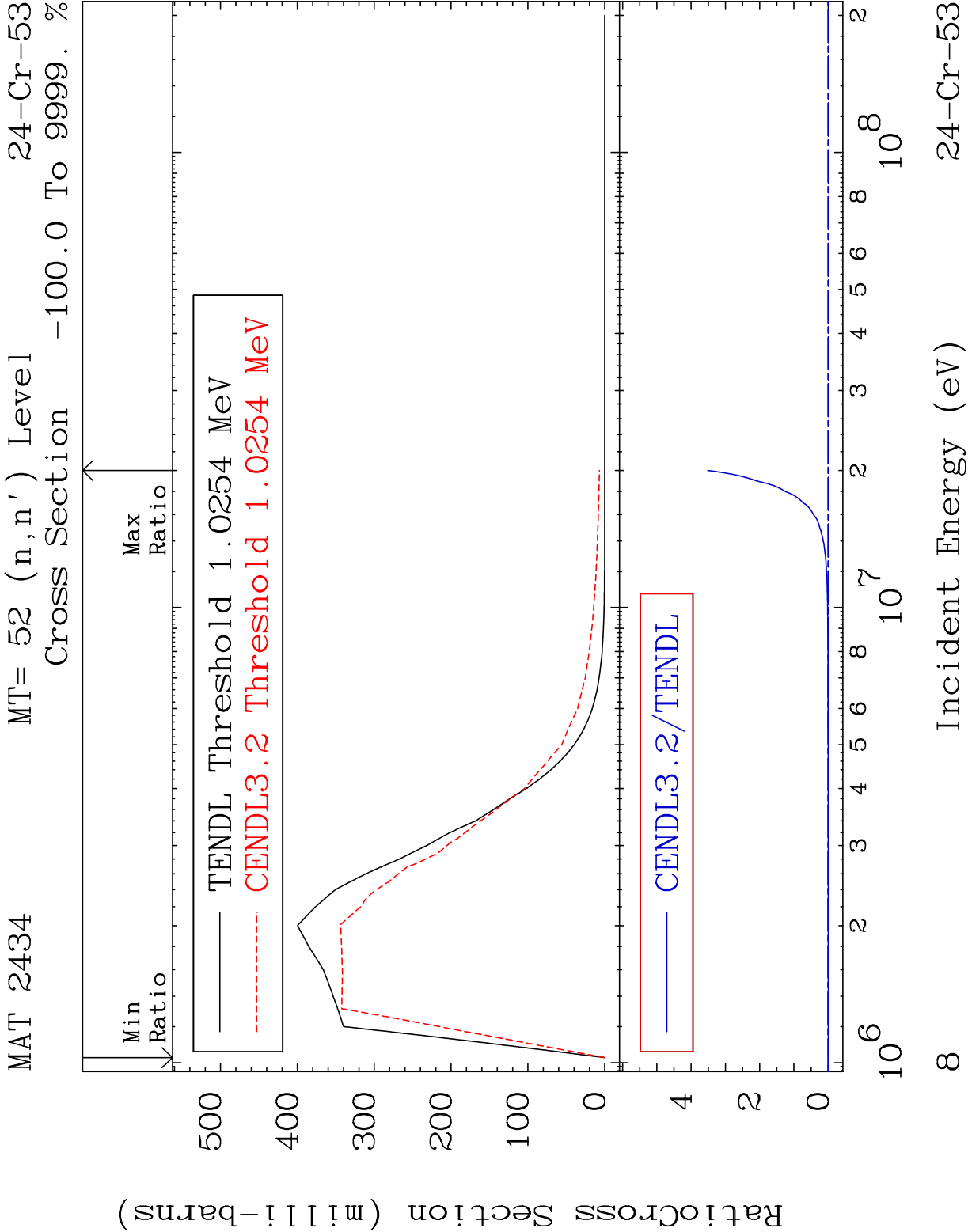
MAT 2434

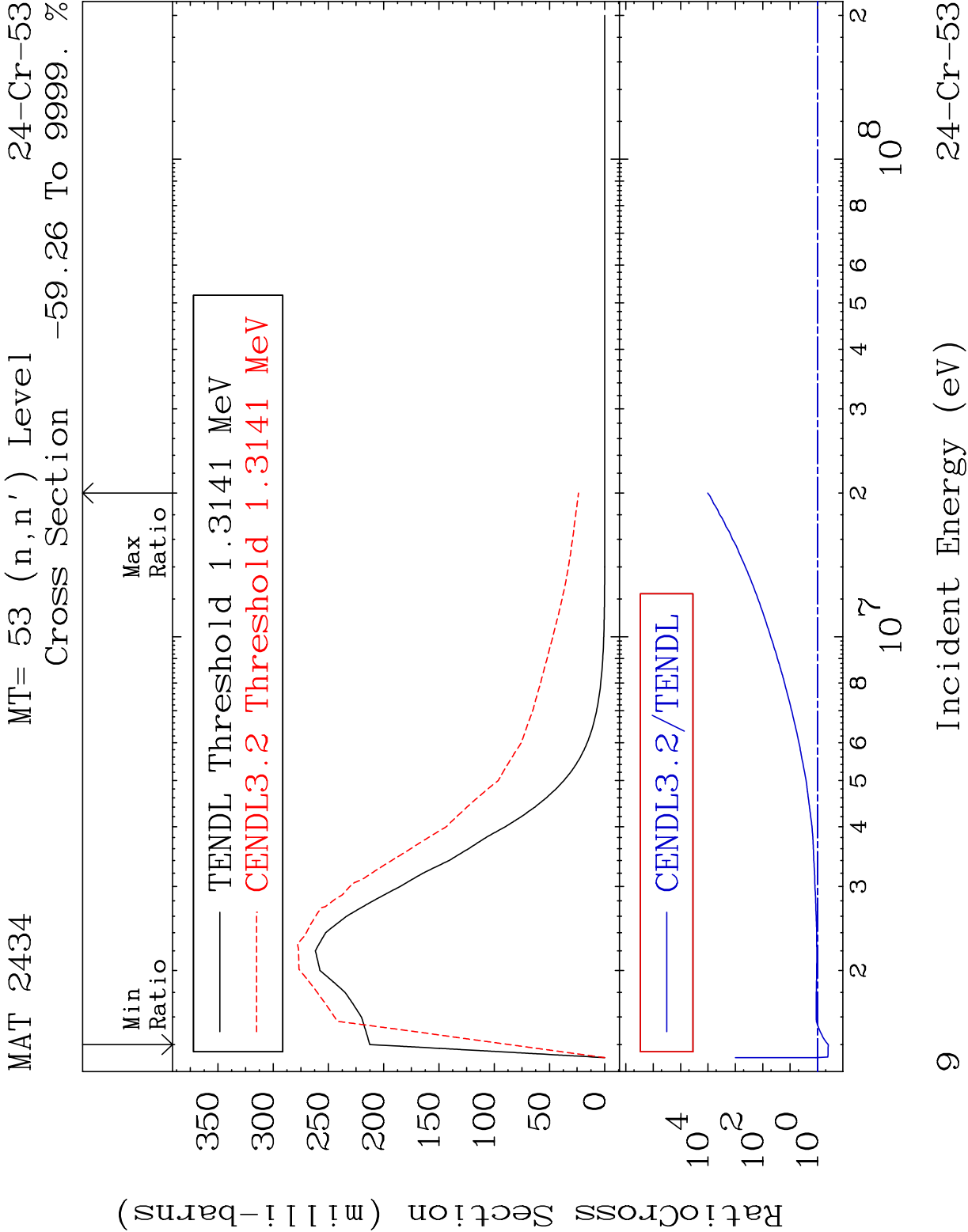
MT= 51 (n, n') Level

24-Cr-53

Cross Section -19.01 To 9999. %

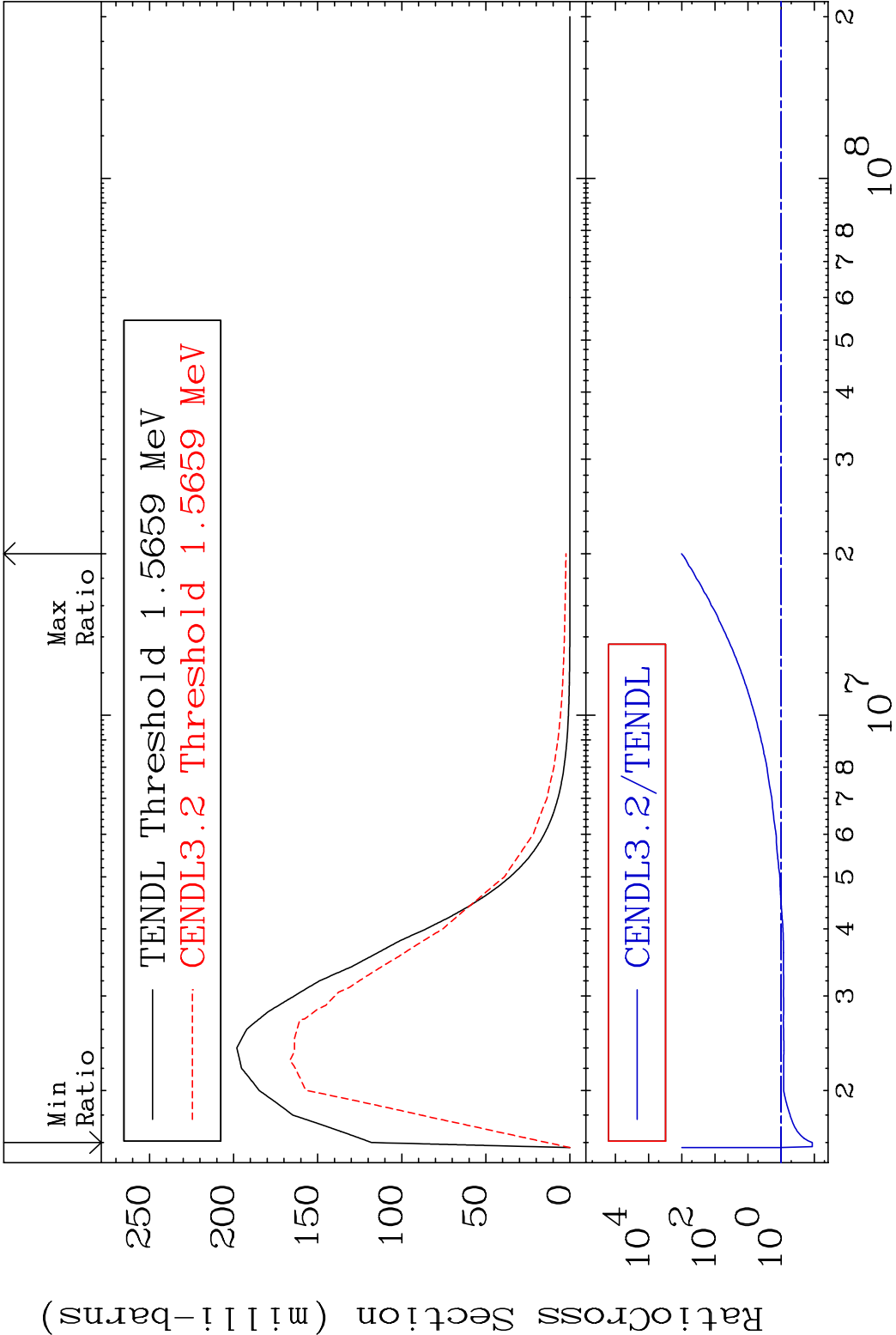






MAT 2434MT= 54 (n,n') Level24-Cr-53

Cross Section-88.42 To 9999. %

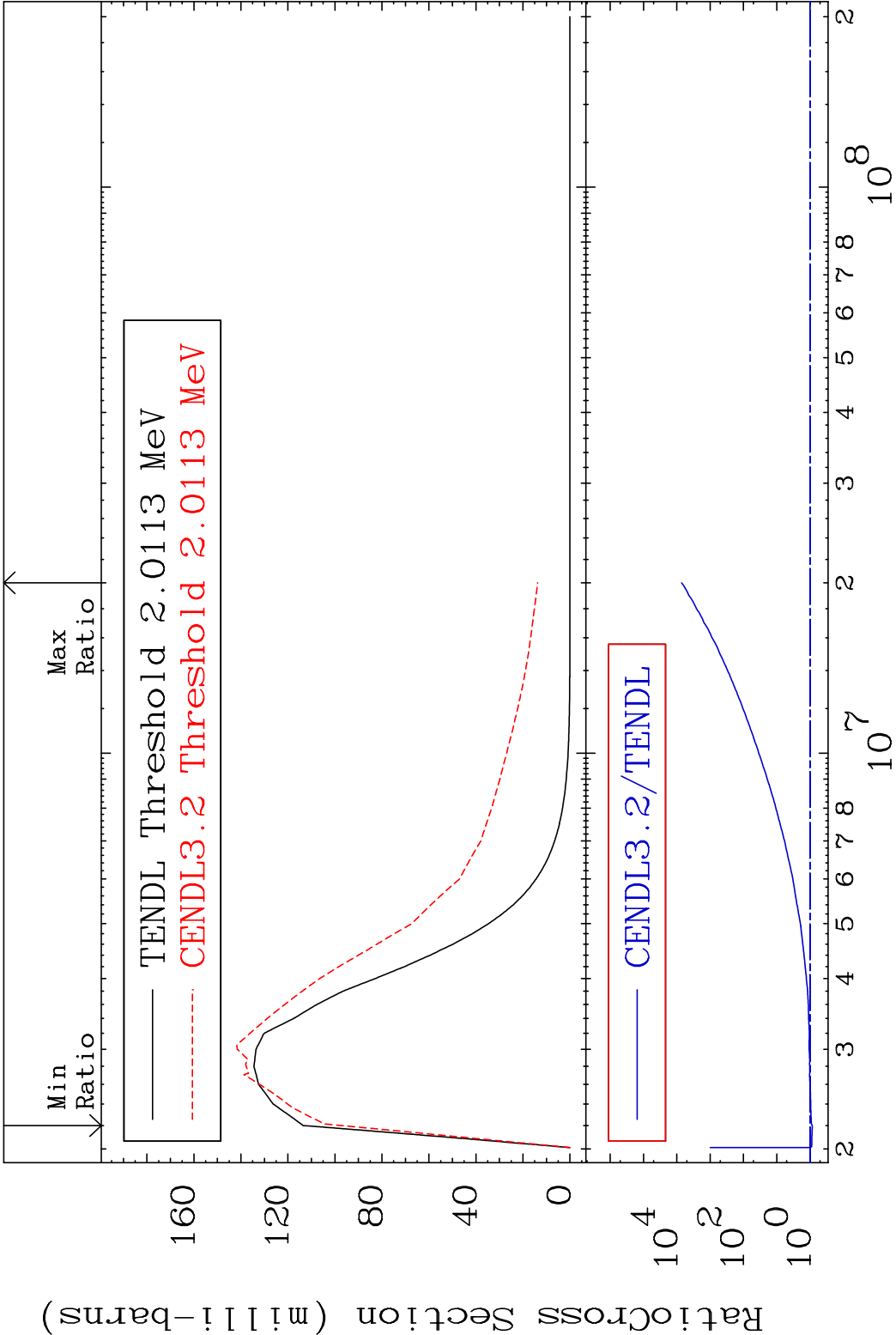


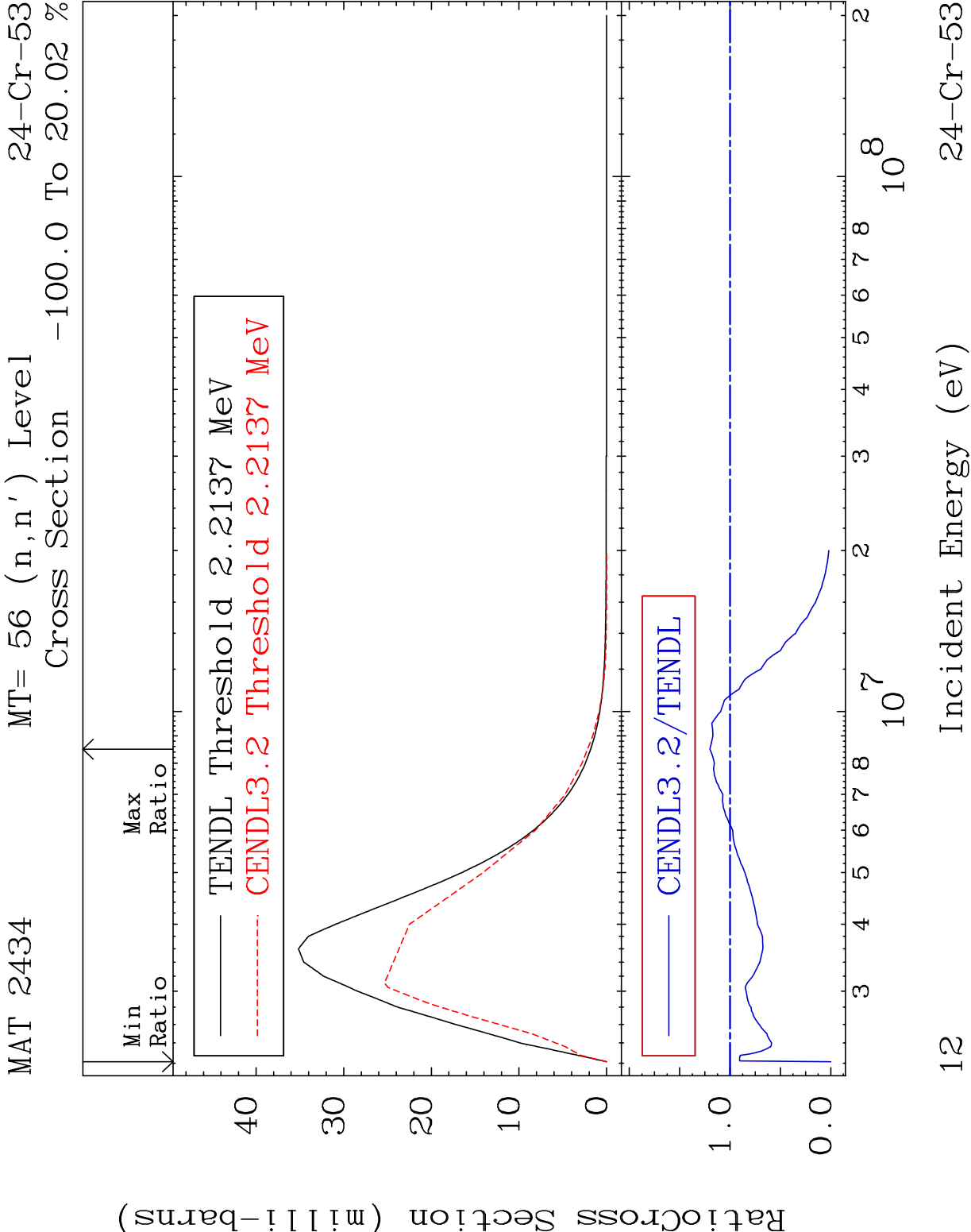
10

Incident Energy (eV)

24-Cr-53

MAT 2434 MT= 55 (n,n') Level 24-Cr-53
Cross Section -14.26 To 9999. %



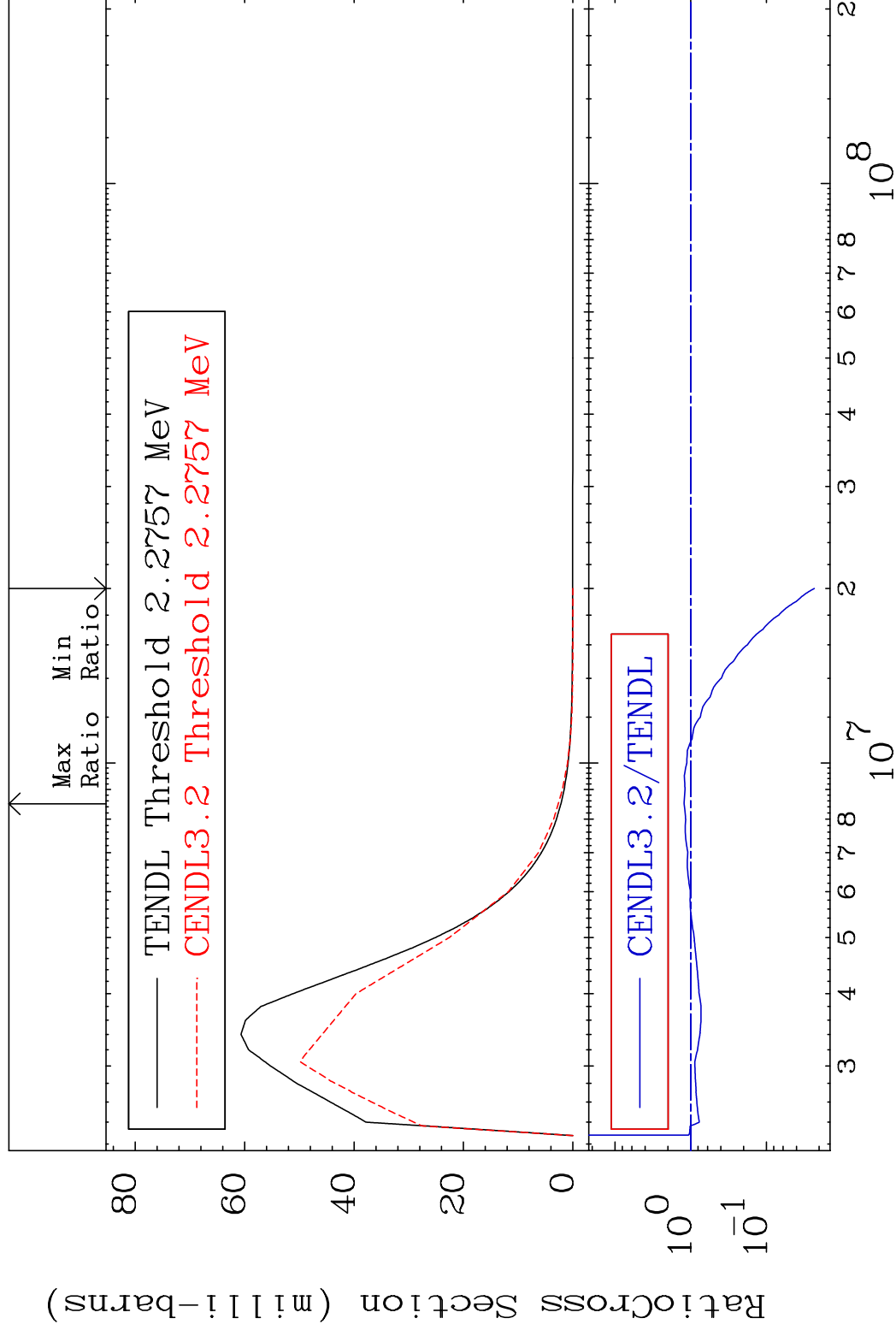


MAT 2434

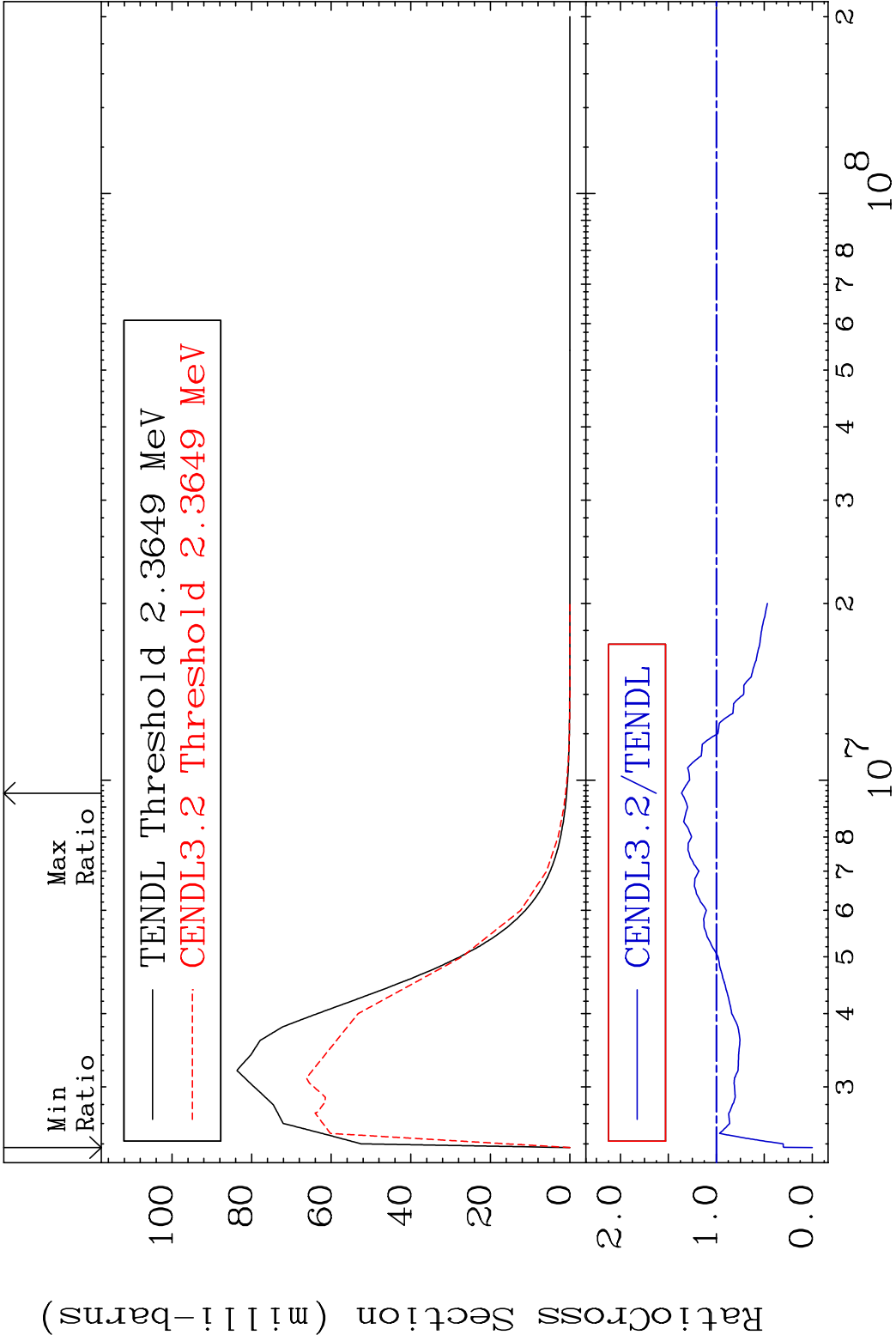
MT= 57 (n, n') Level

24-Cr-53

Cross Section -97.68 To 22.37 %



MAT 2434 MT= 58 (n,n') Level 24-Cr-53
Cross Section -100.0 To 36.29 %

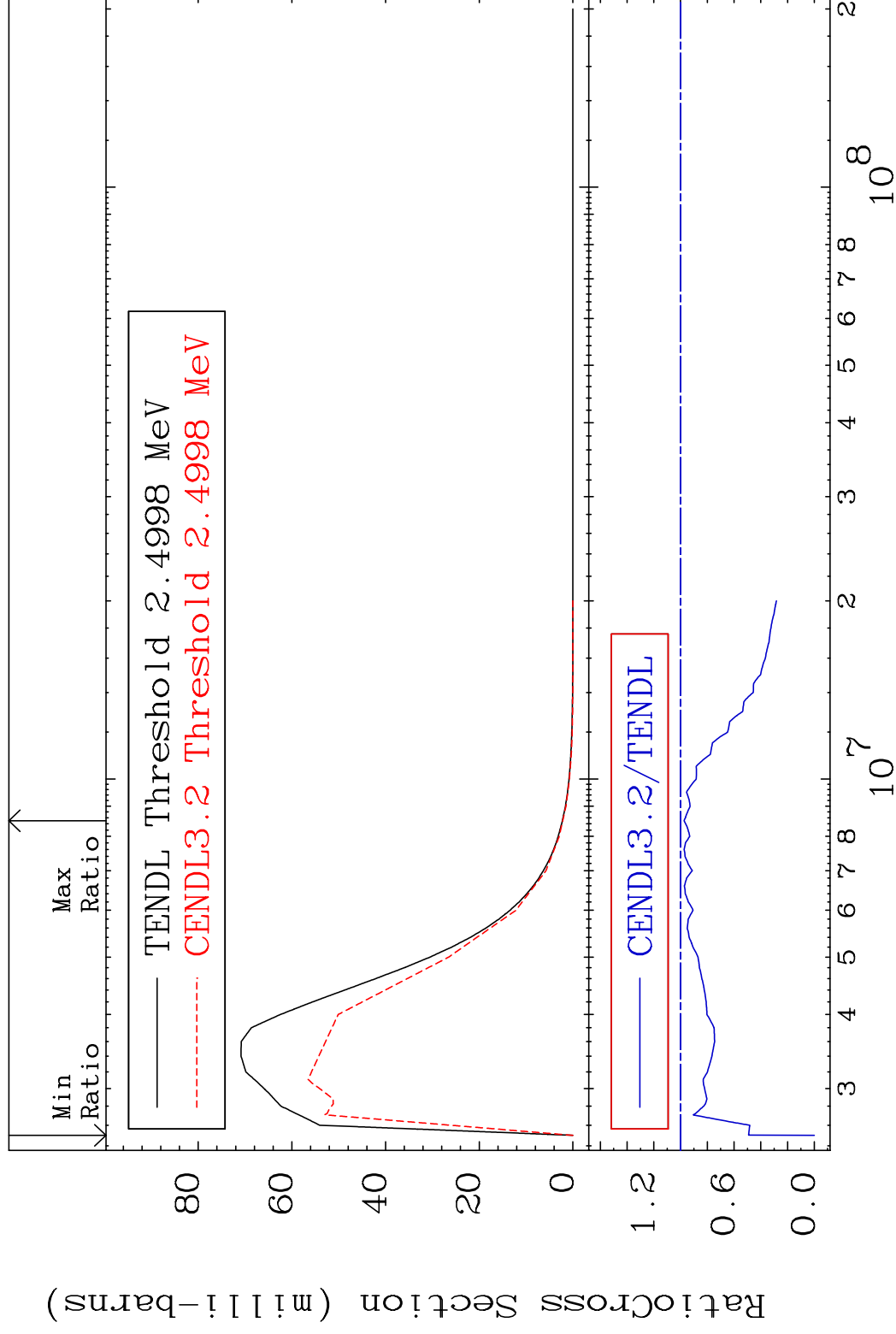


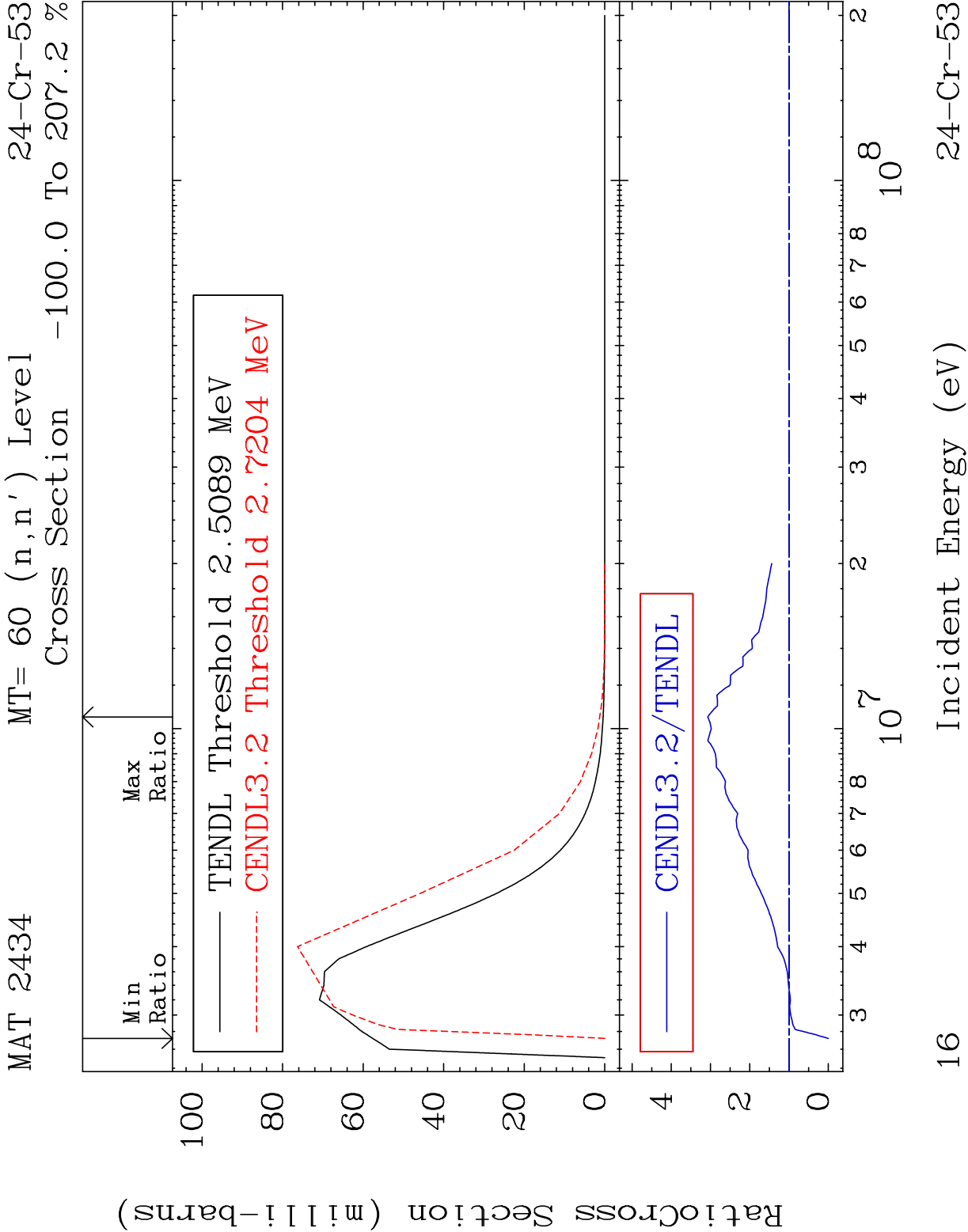
MAT 2434

MT= 59 (n, n') Level

24-Cr-53

Cross Section	-100.0 To -2.621%



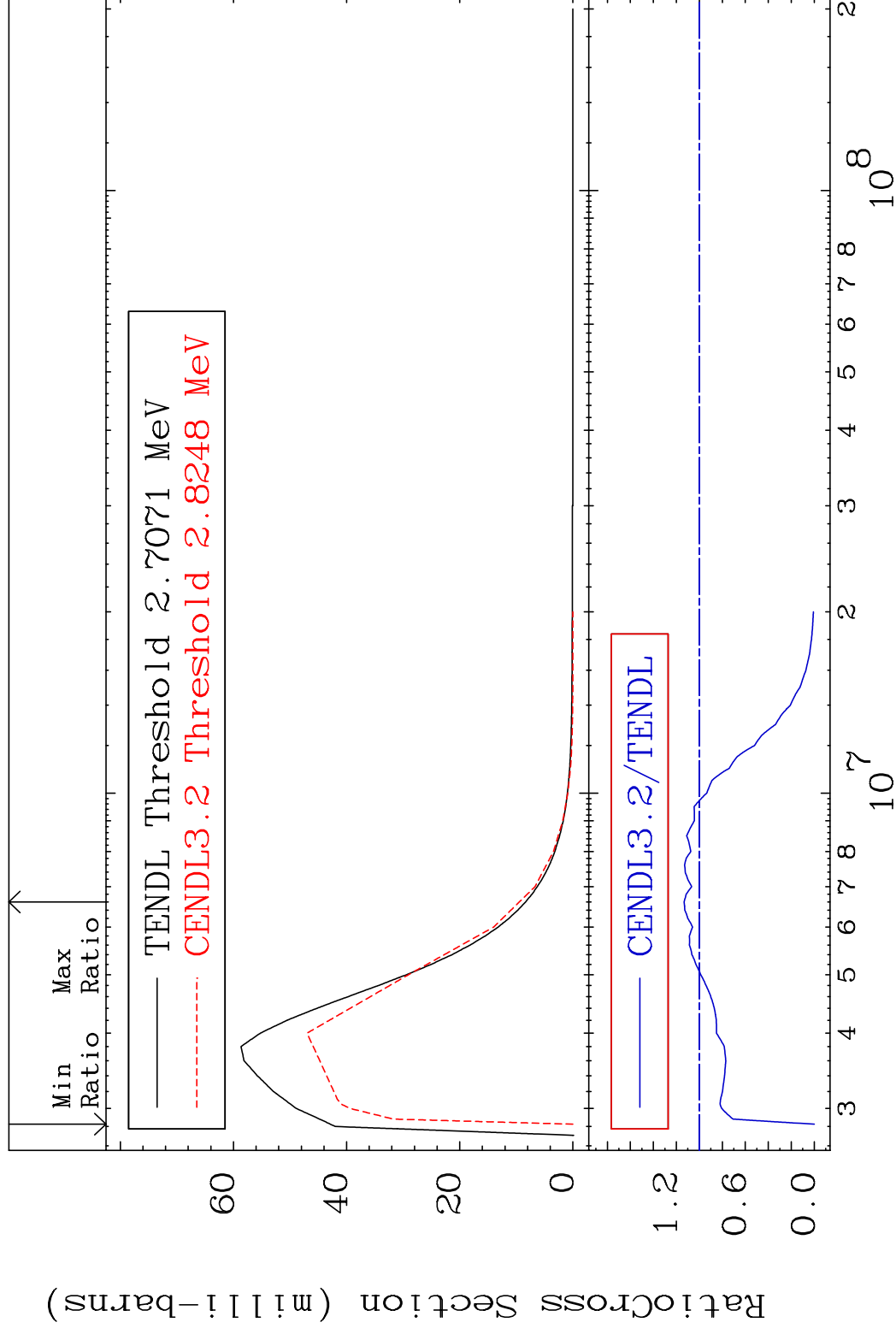


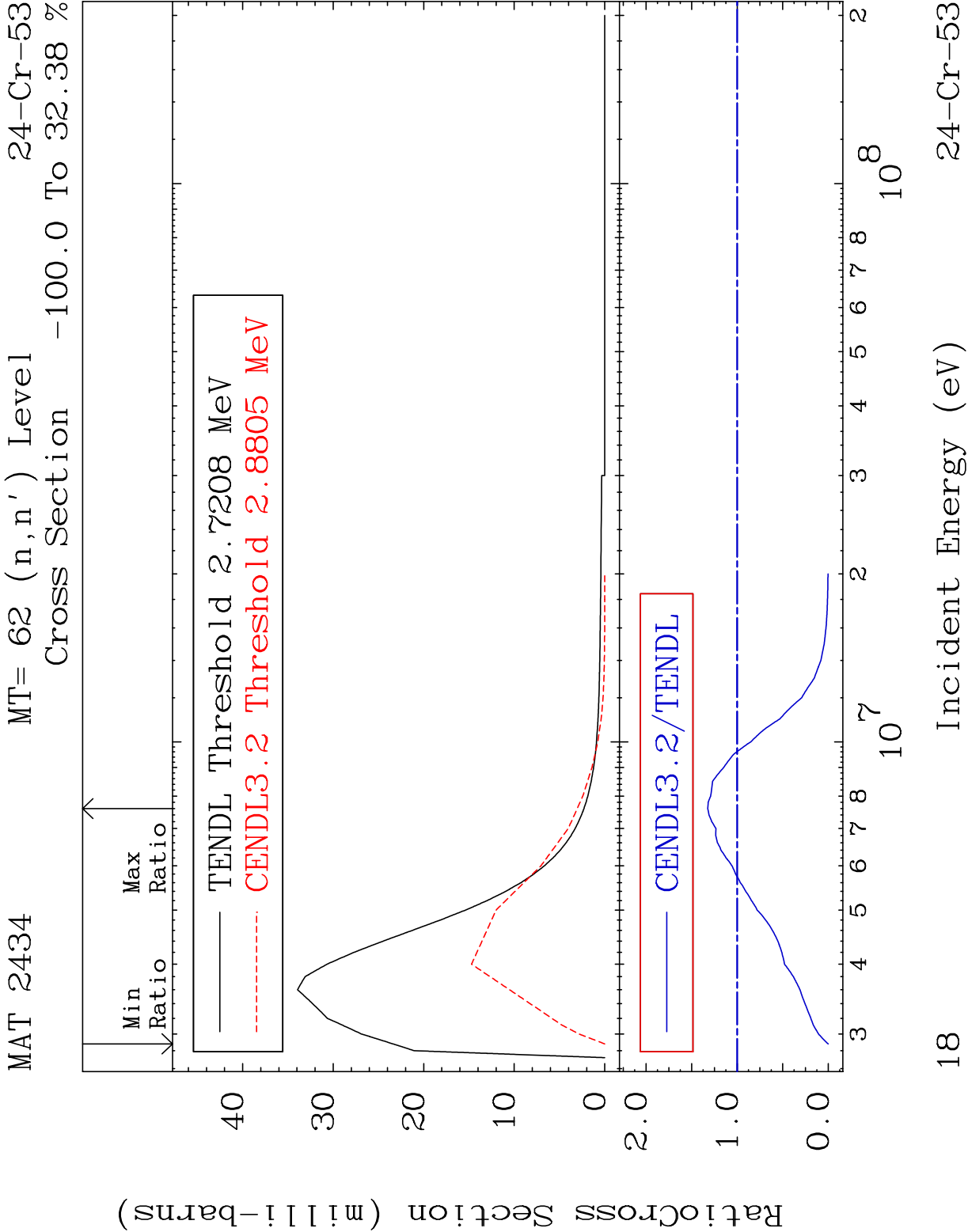
MAT 2434

MT= 61 (n, n') Level

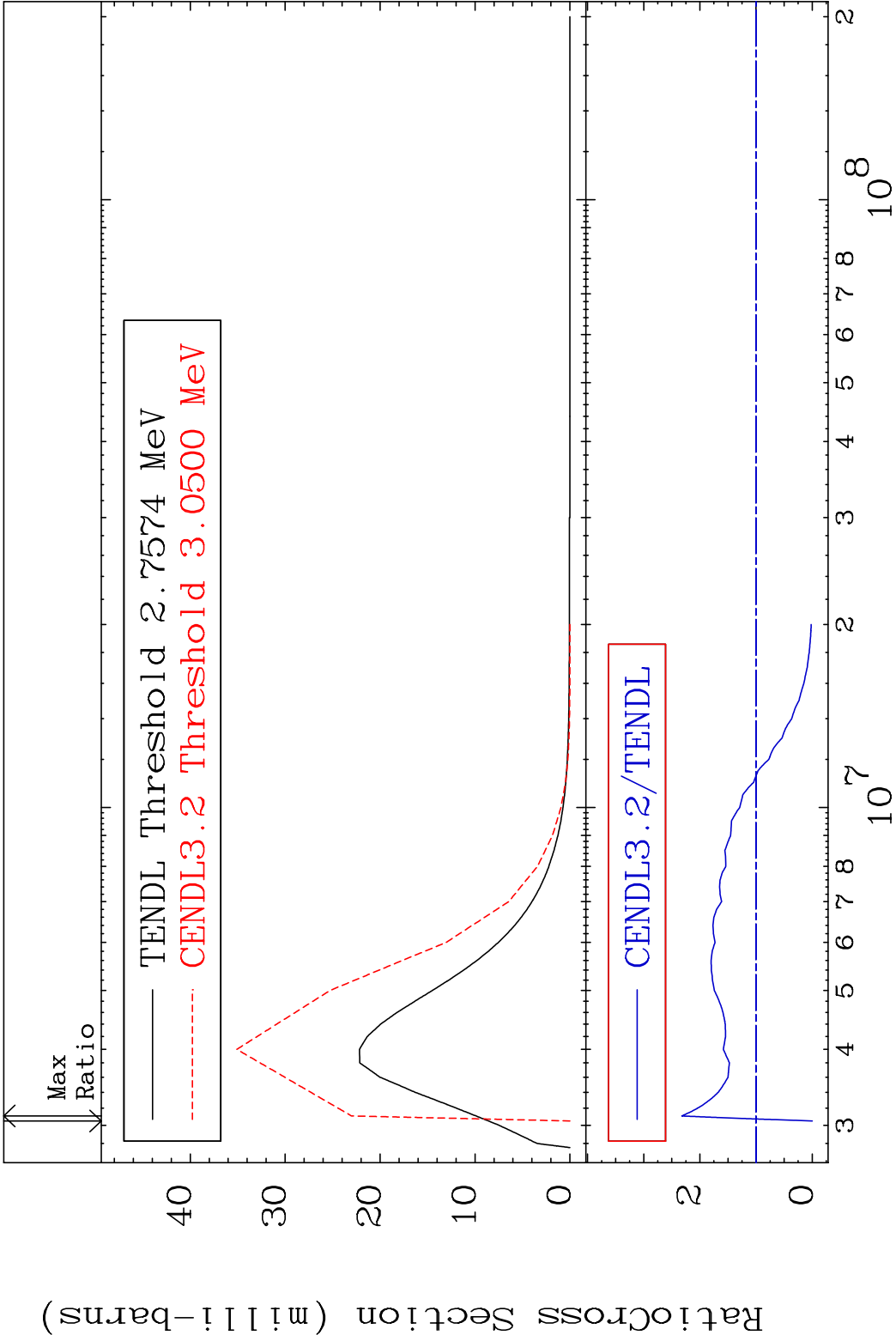
24-Cr-53

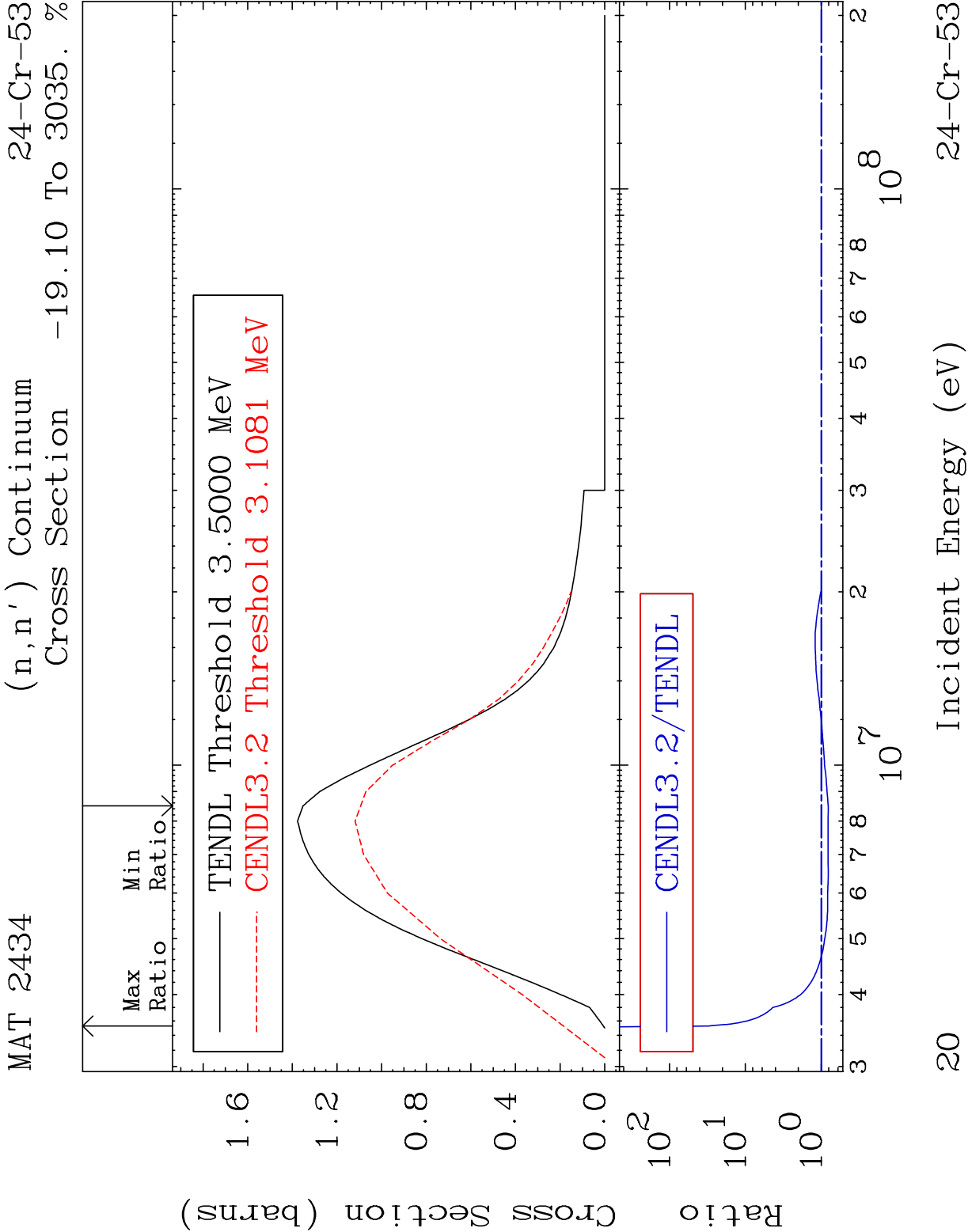
Cross Section	-100.0 To 13.28 %

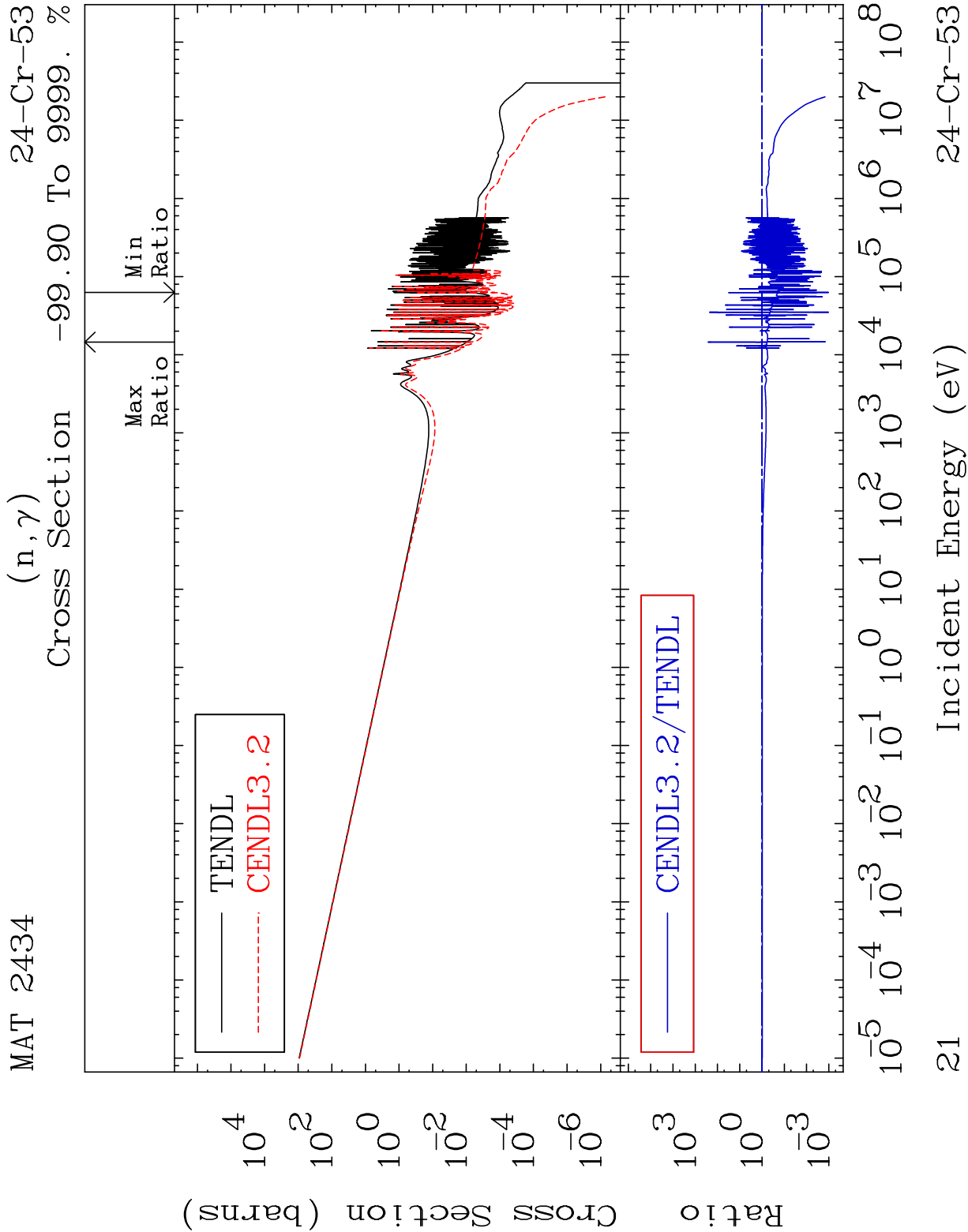


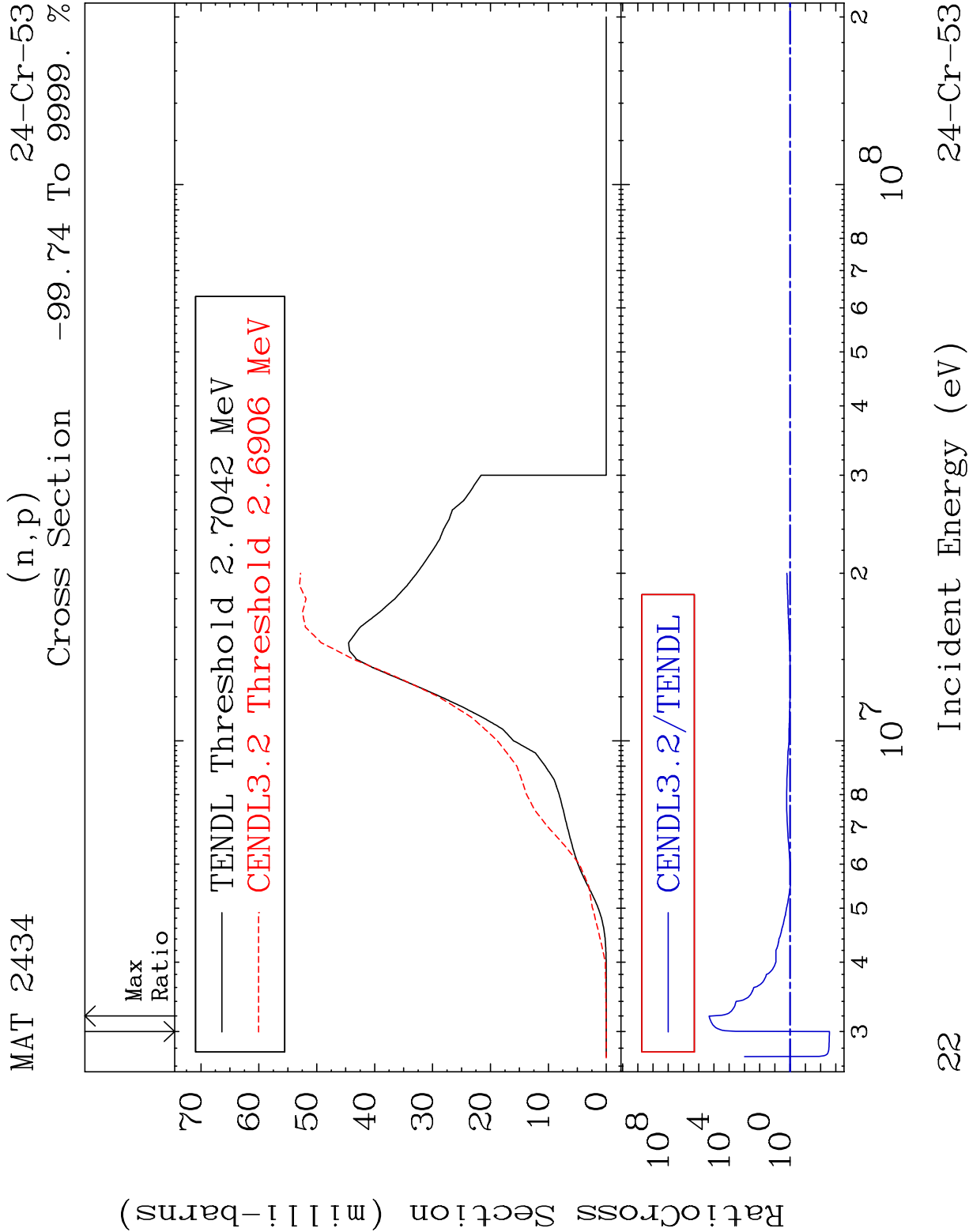


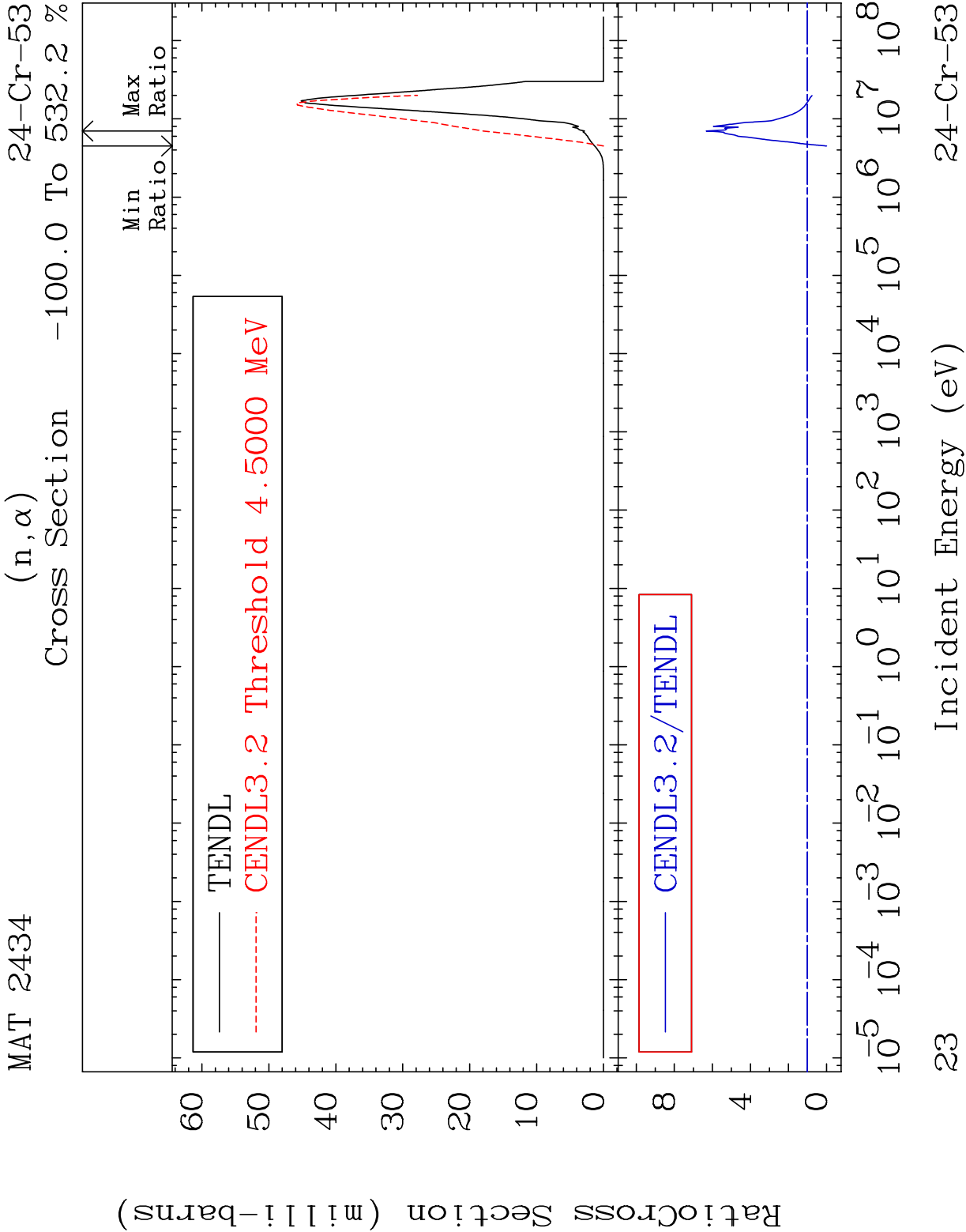
MAT 2434 MT= 63 (n,n') Level 24-Cr-53
Cross Section -100.0 To 132.7 %



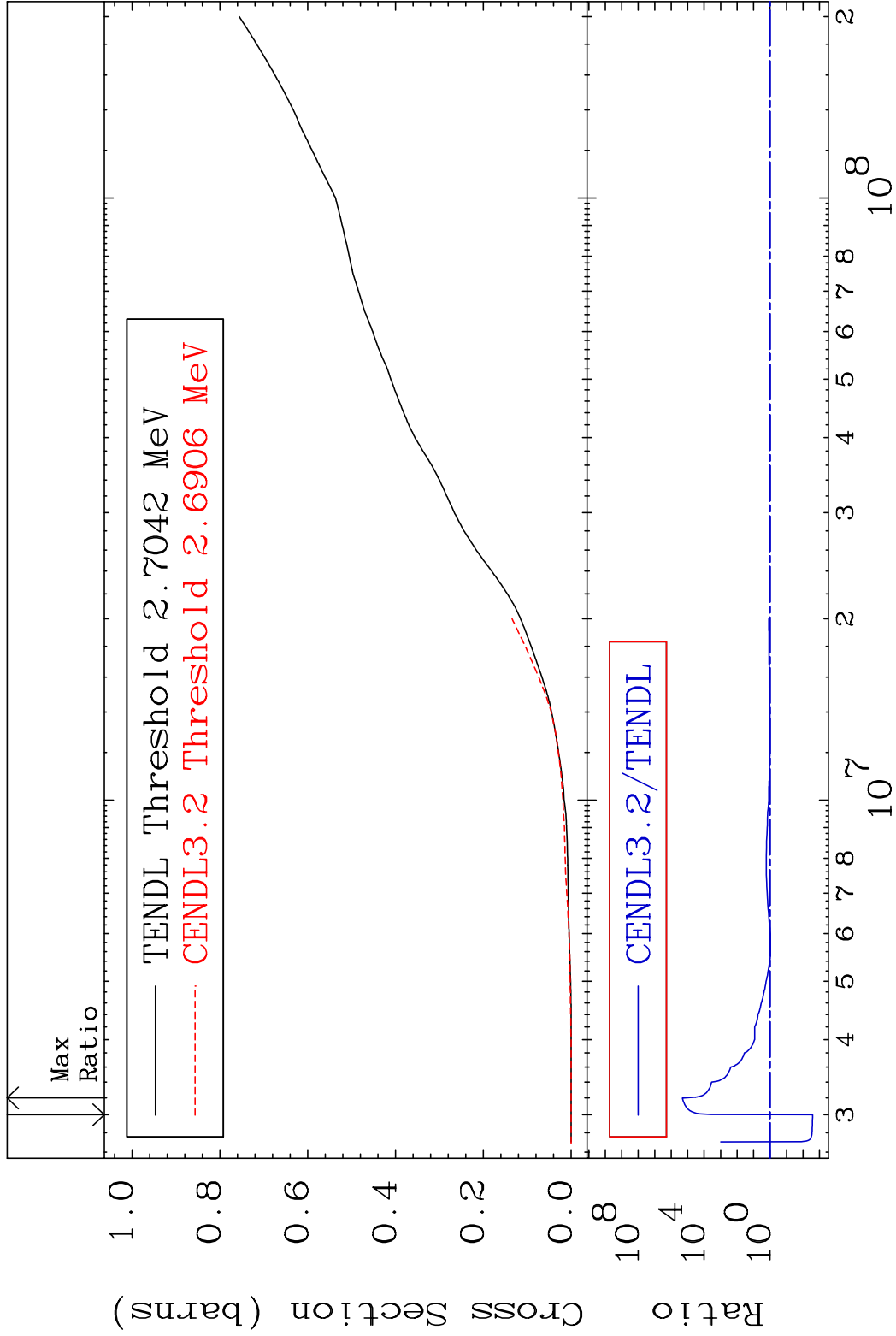




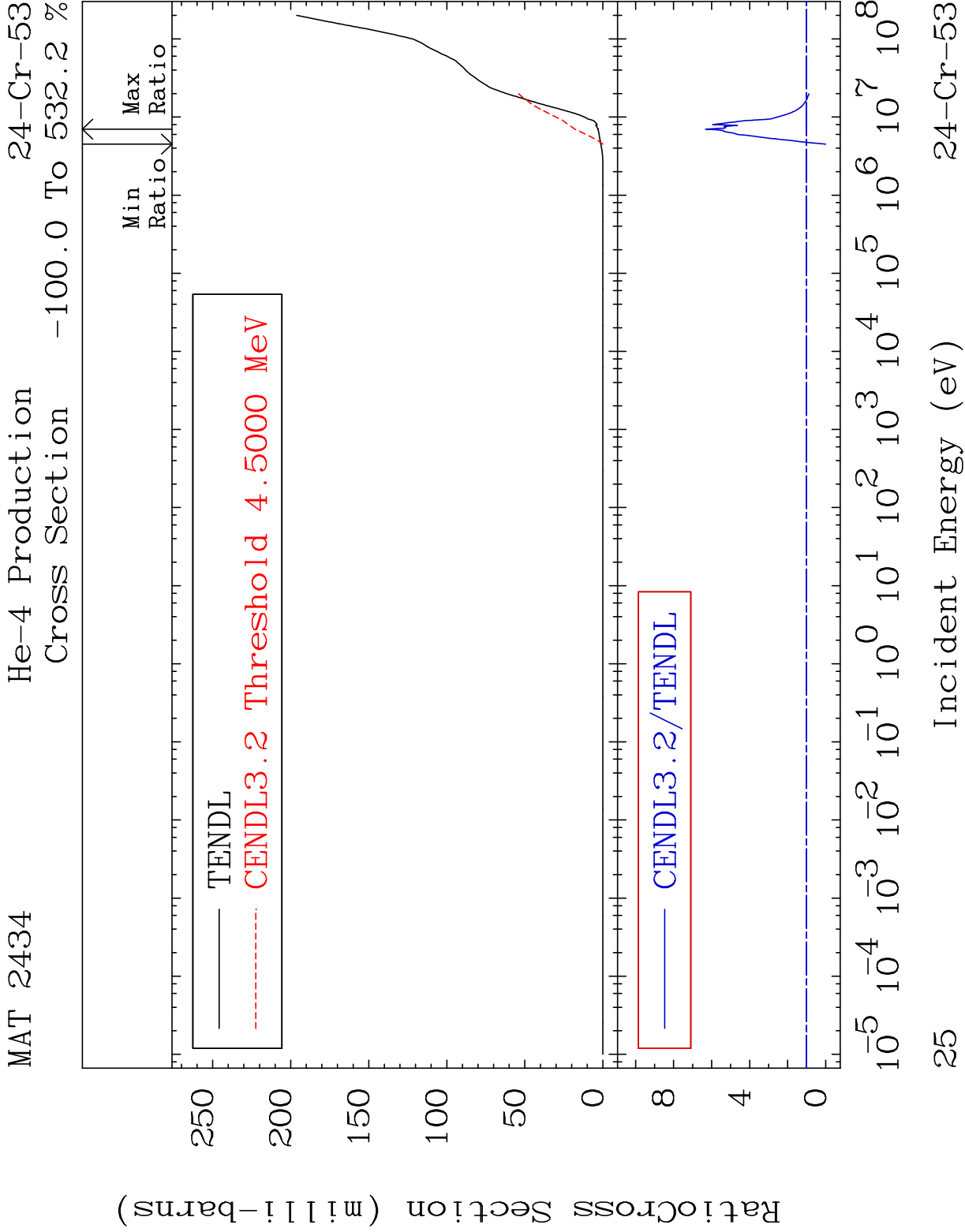


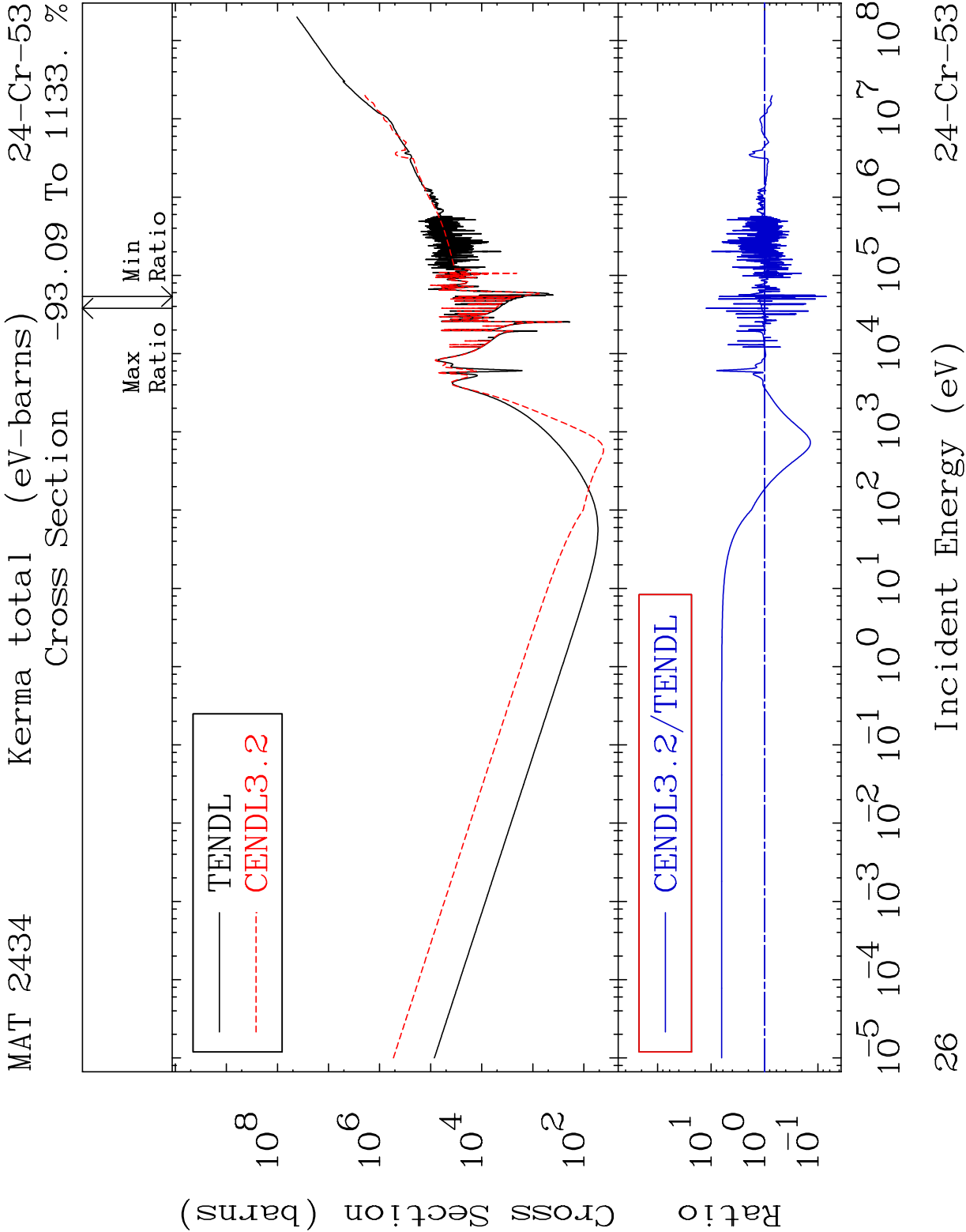


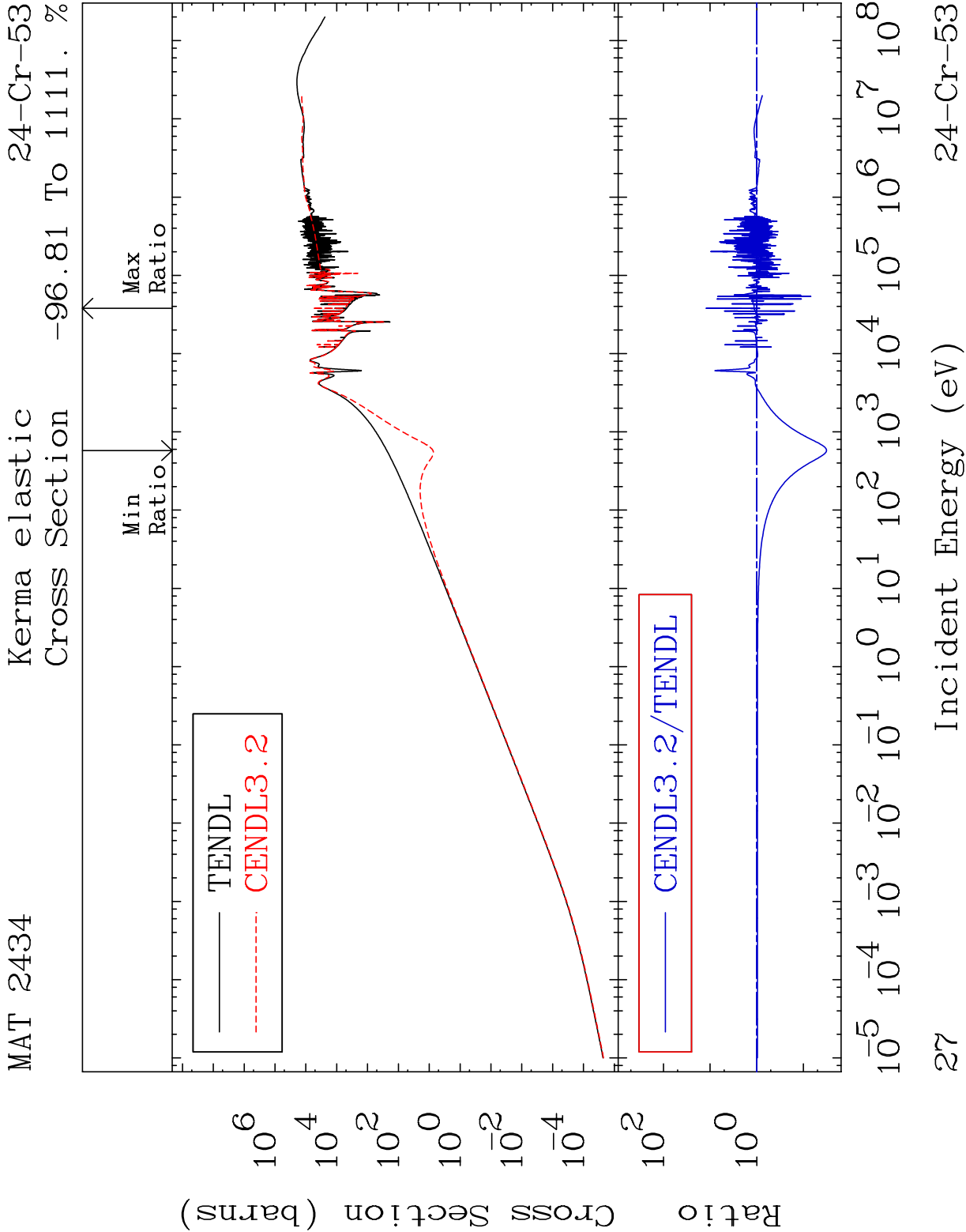
MAT 2434 Hydrogen Production 24-Cr-53
Cross Section -99.74 To 9999. %



24 Incident Energy (eV) 24-Cr-53

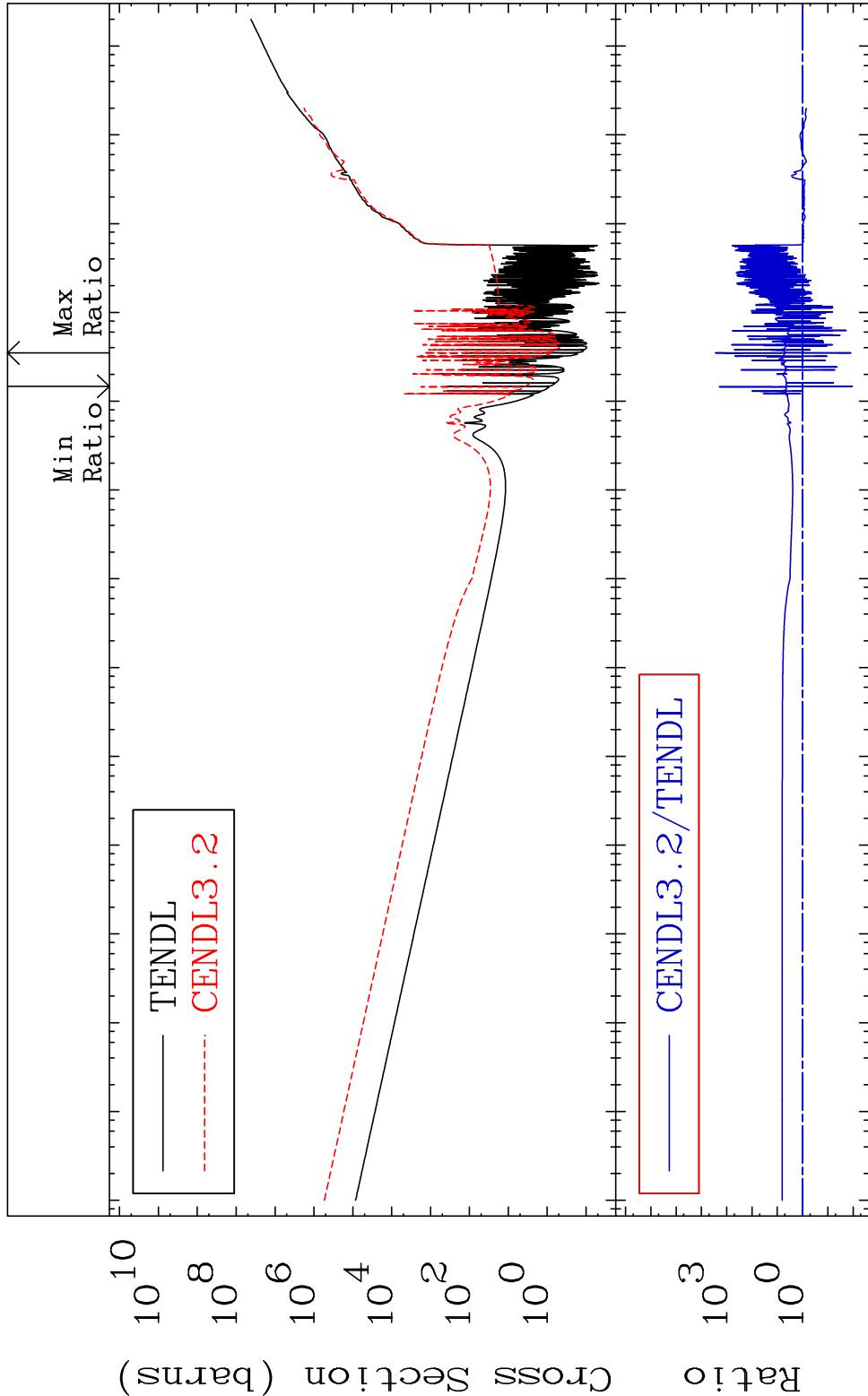




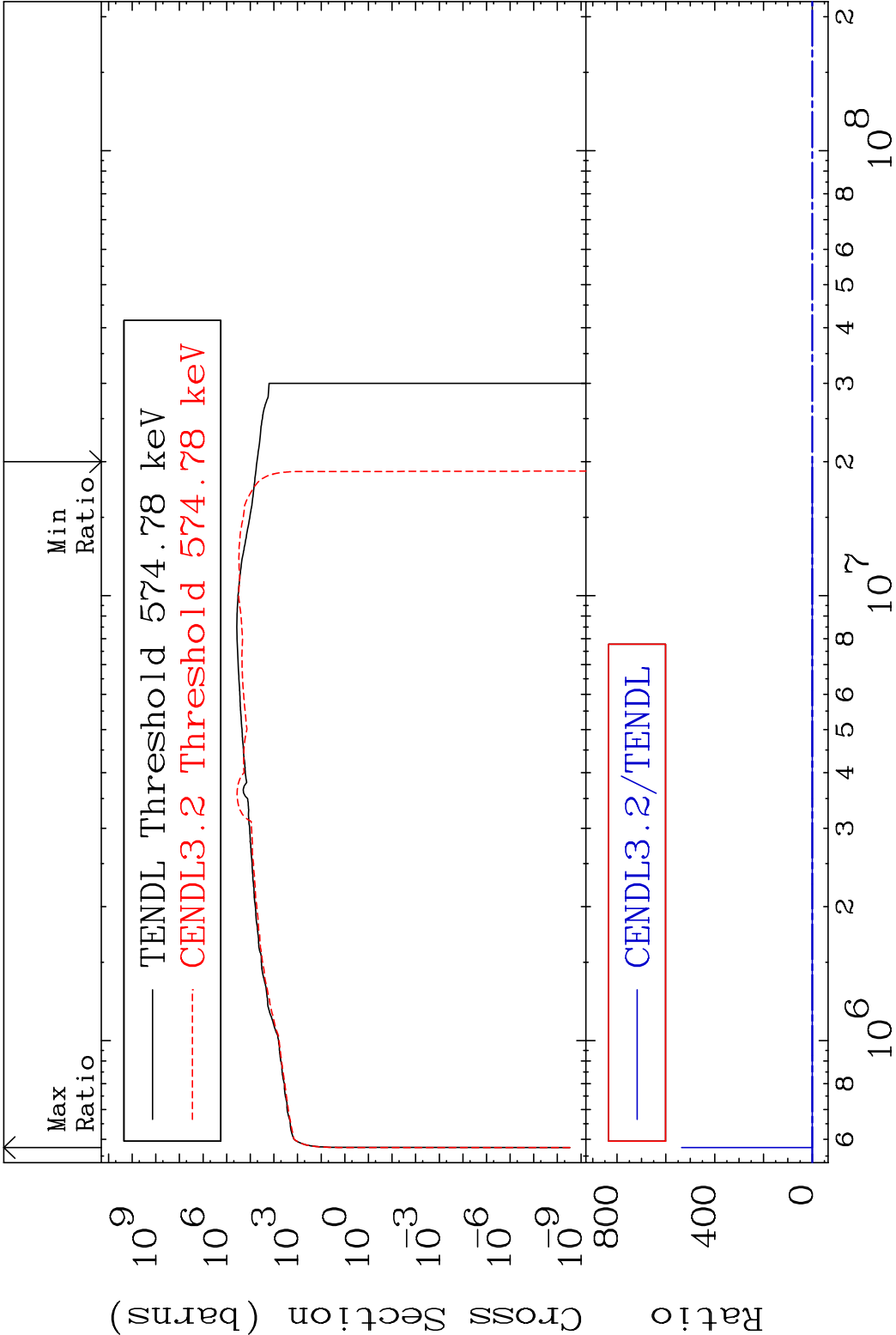


MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53

Cross Section -98.91 To 9999. %

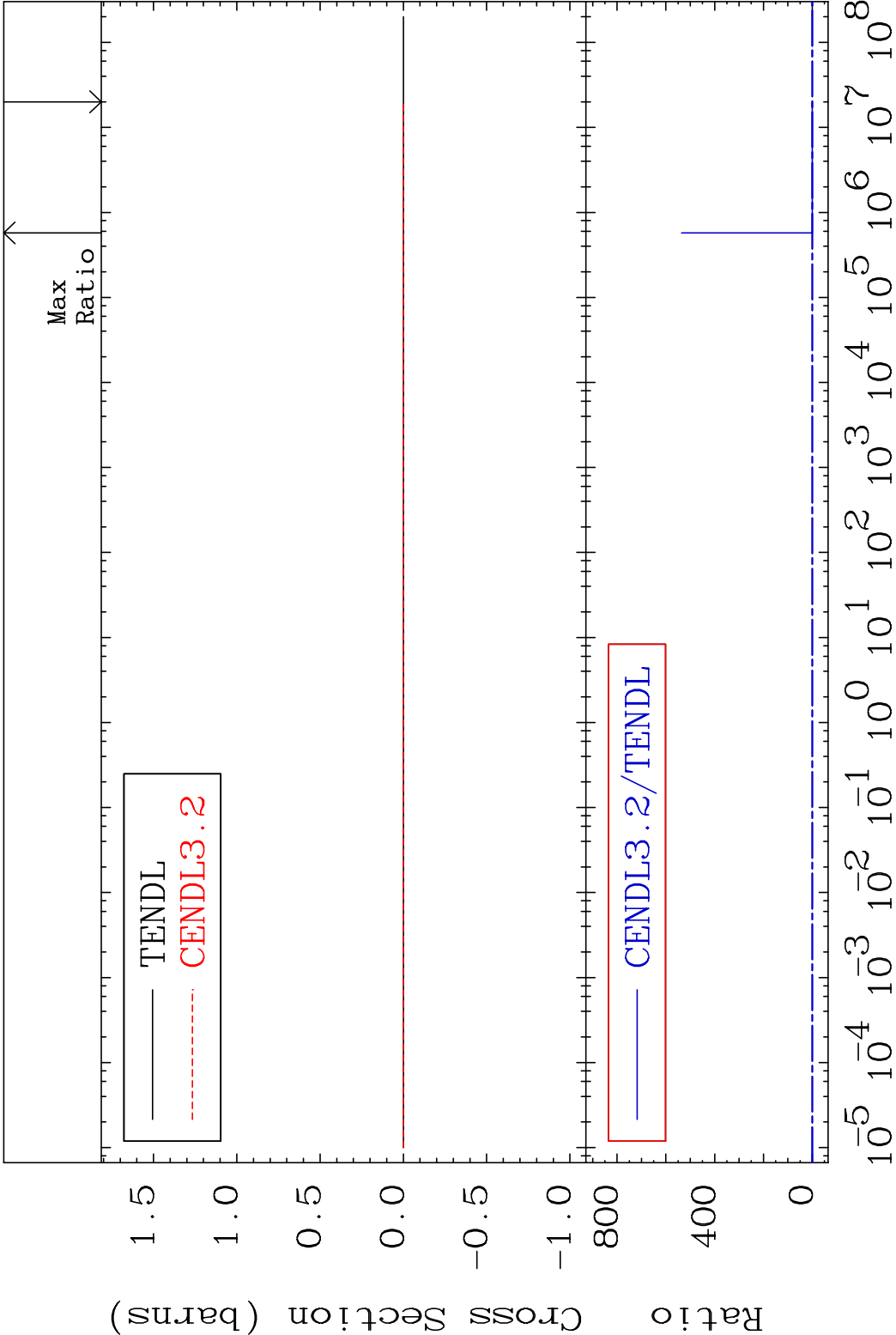


28 Incident Energy (eV) 24-Cr-53

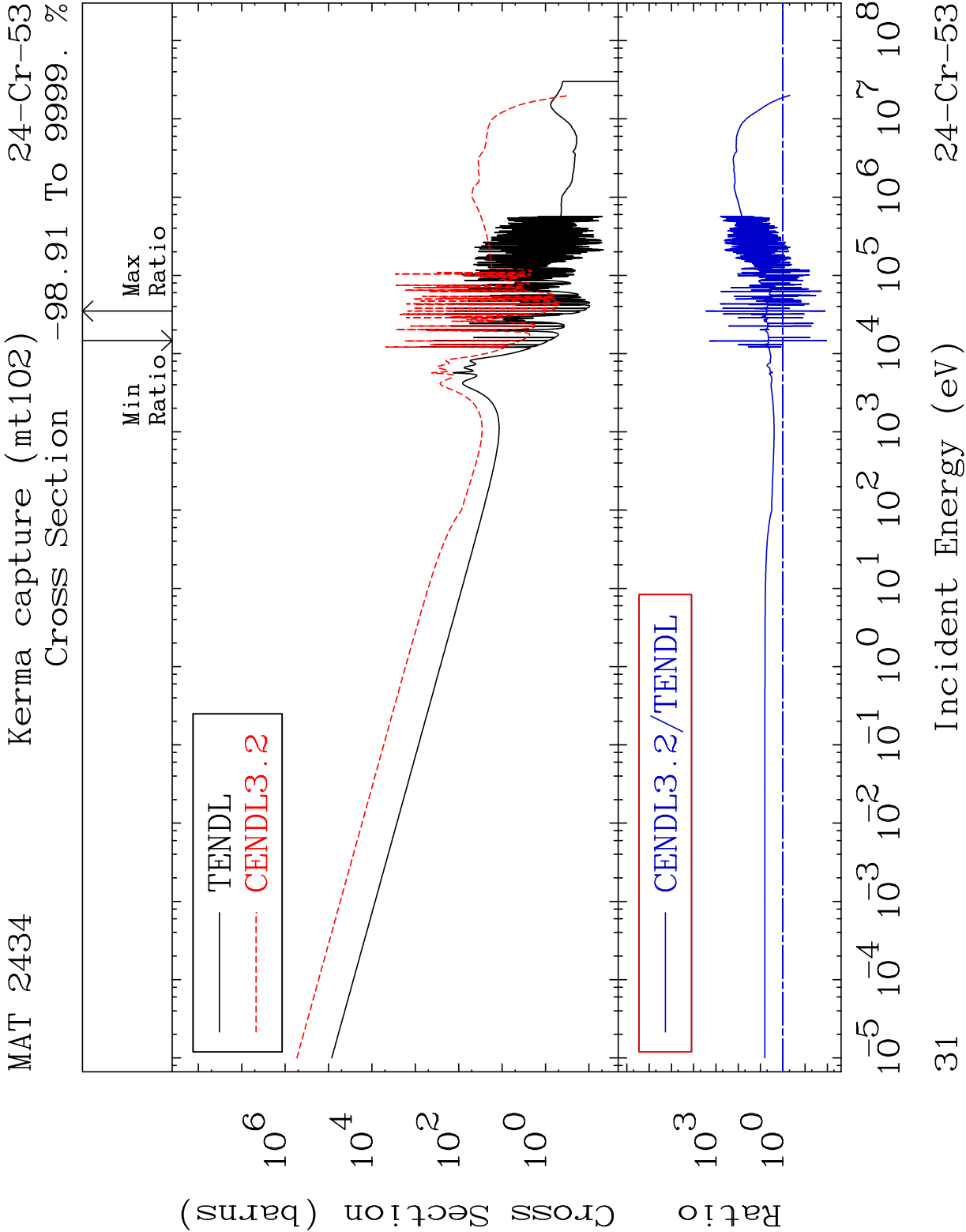


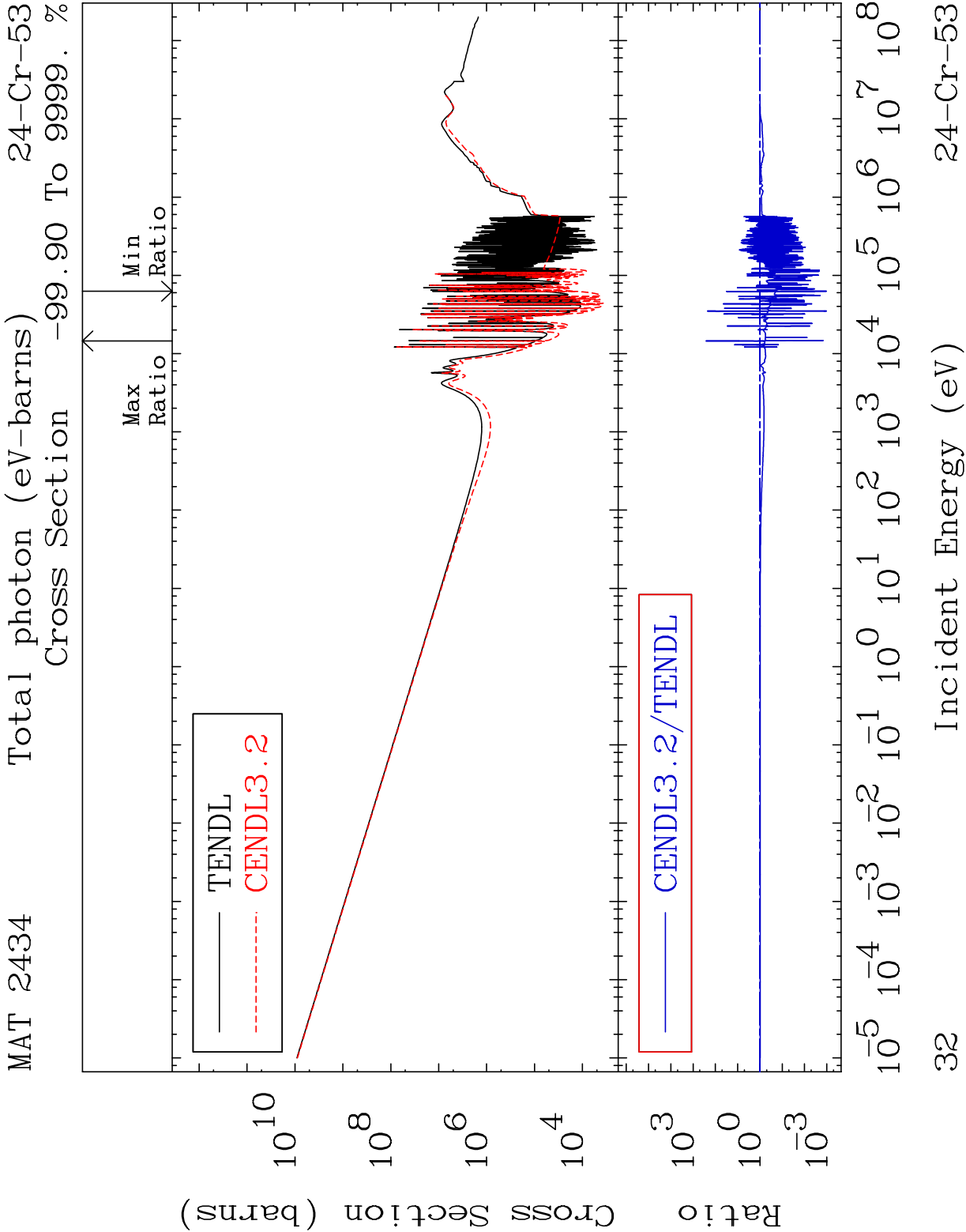
MAT 2434 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-53

Cross Section -130.9 To 9999. %

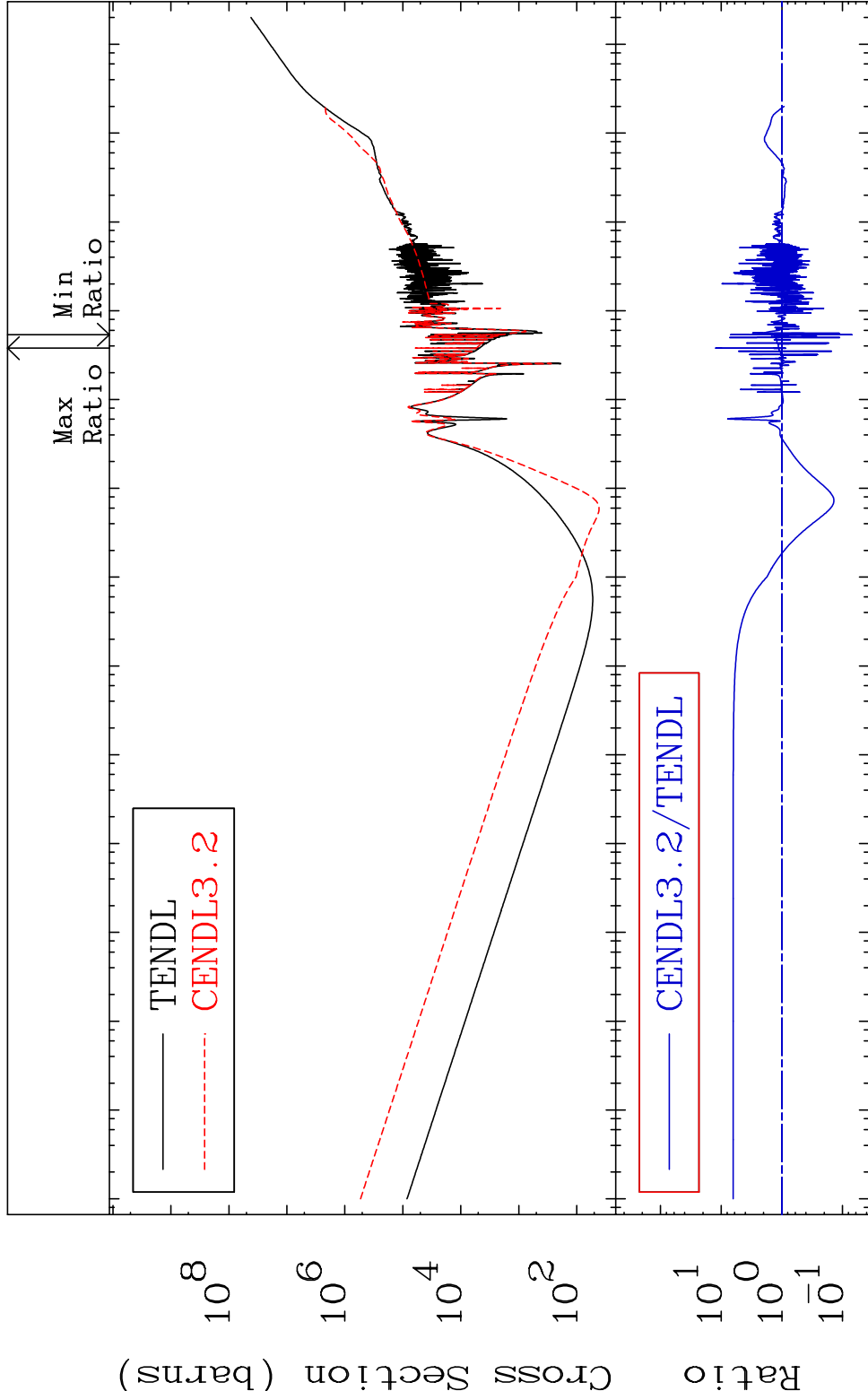


30 Incident Energy (eV) 24-Cr-53



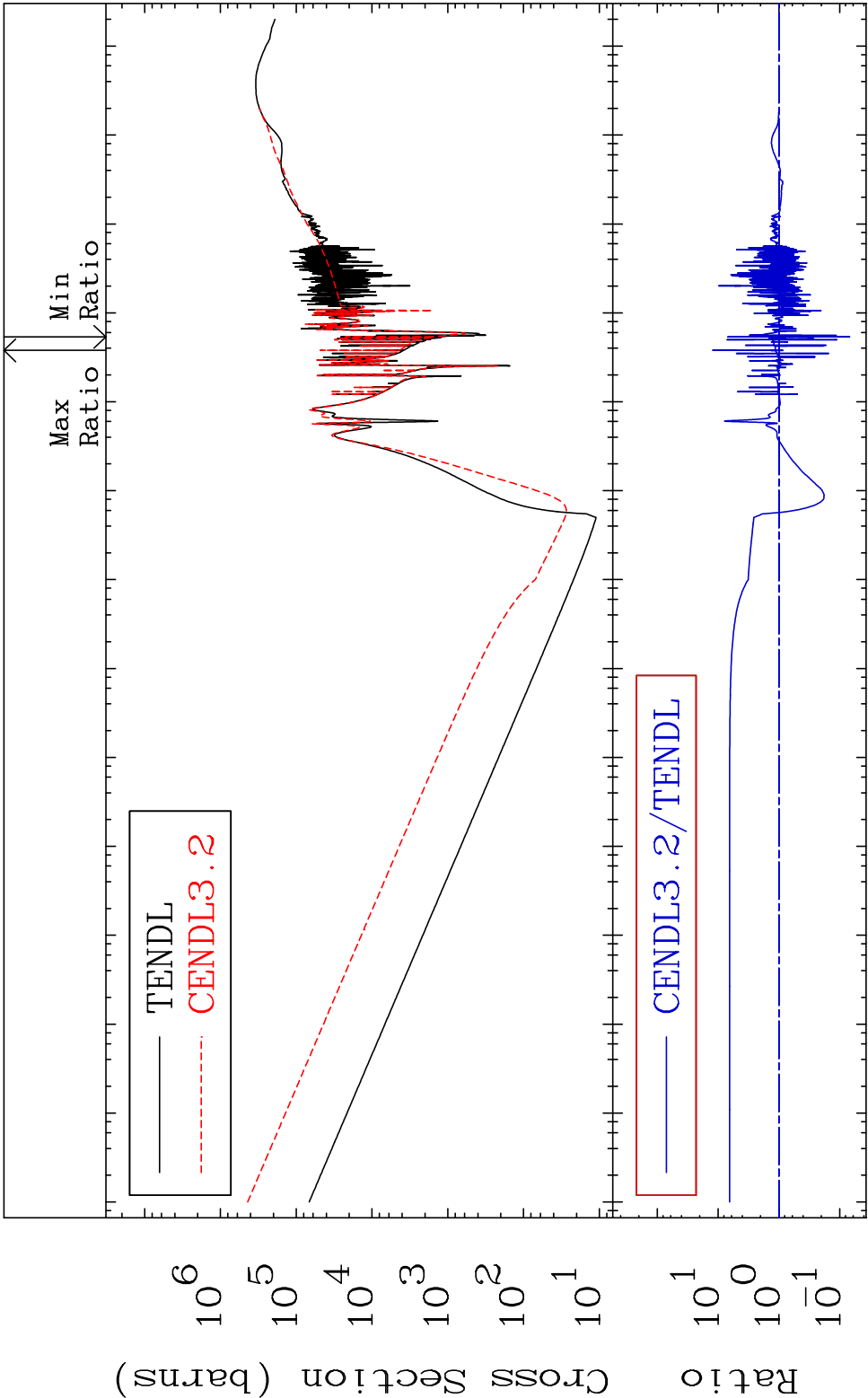


MAT 2434 Total kinematic kerma (high limit) 24-Cr-53
Cross Section -93.09 To 1133. %



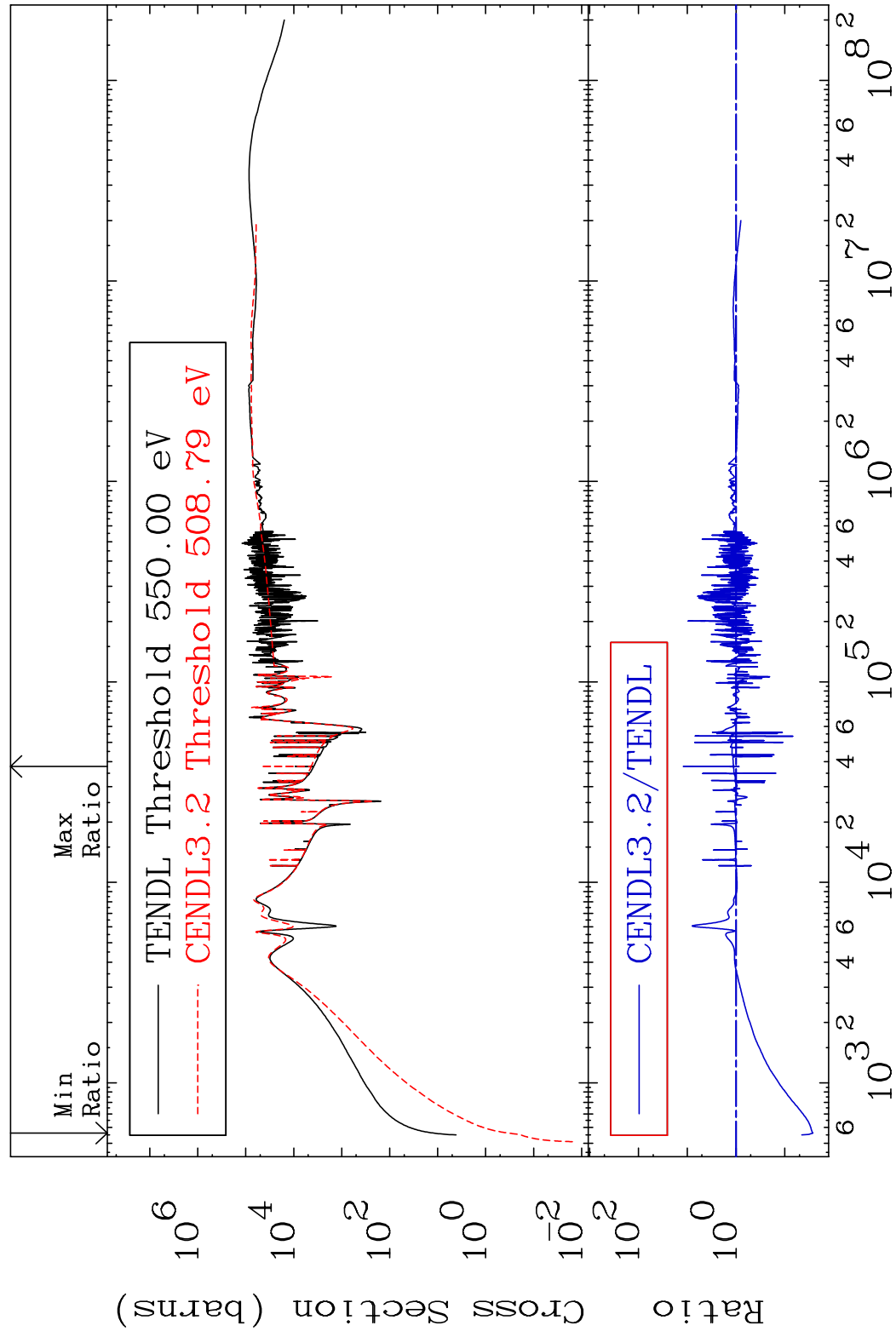
33 Incident Energy (eV) 24-Cr-53

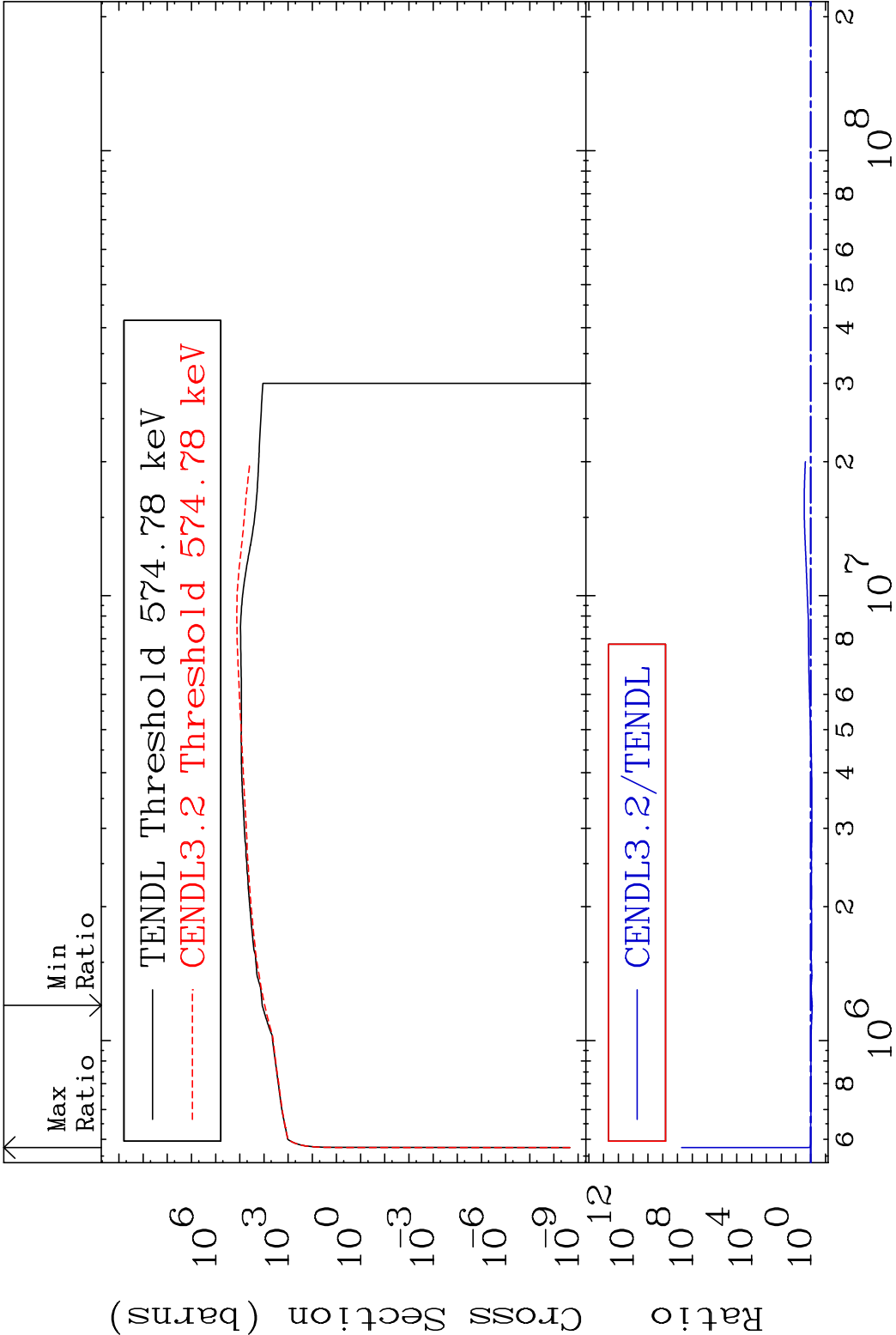
MAT 2434 Dpa total (eV-barns) 24-Cr-53
Cross Section -93.11 To 1119. %



34 Incident Energy (eV) 24-Cr-53

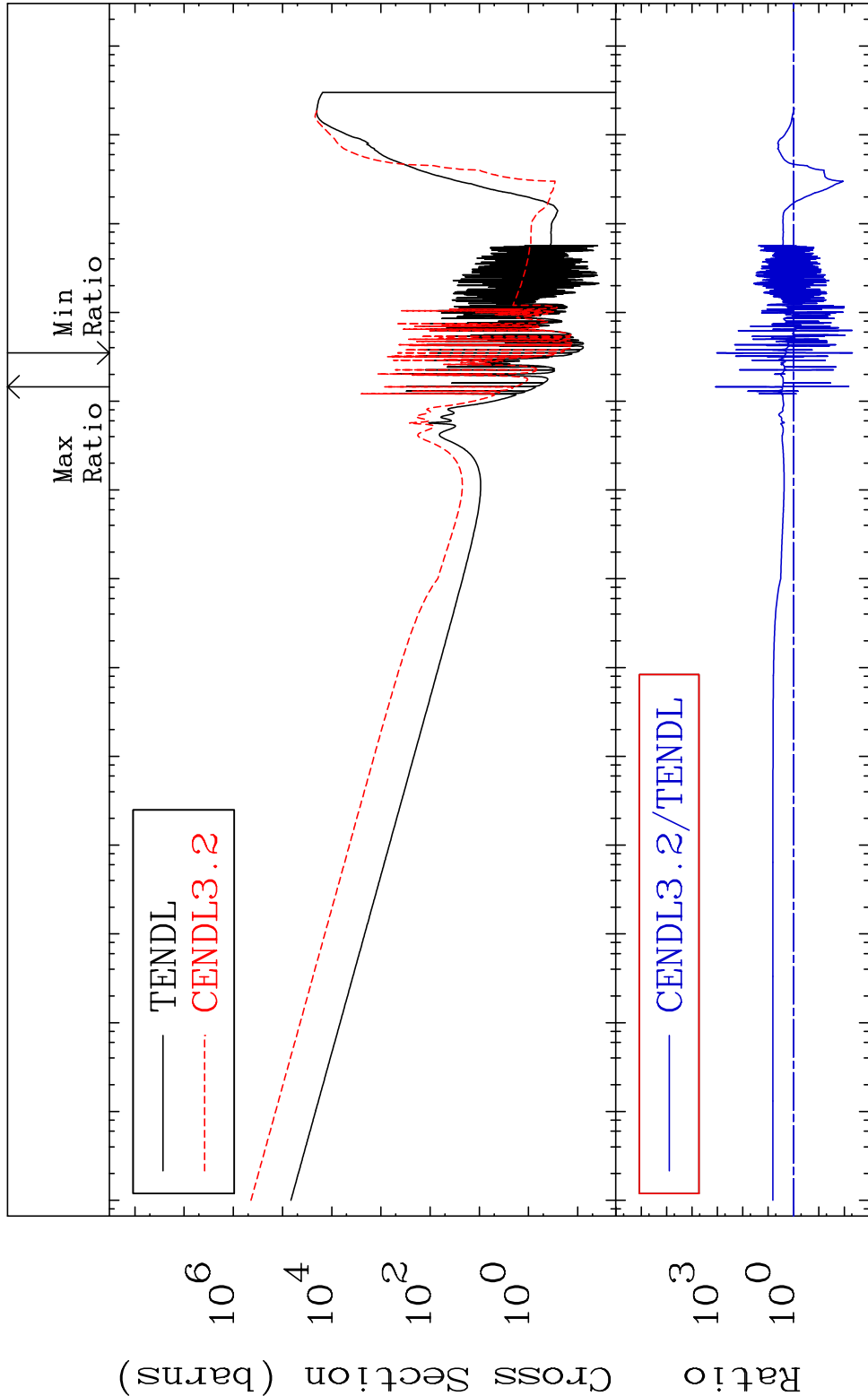
MAT 2434 Dpa elastic (mt2) 24-Cr-53
 Cross Section -97.34 To 1112. %





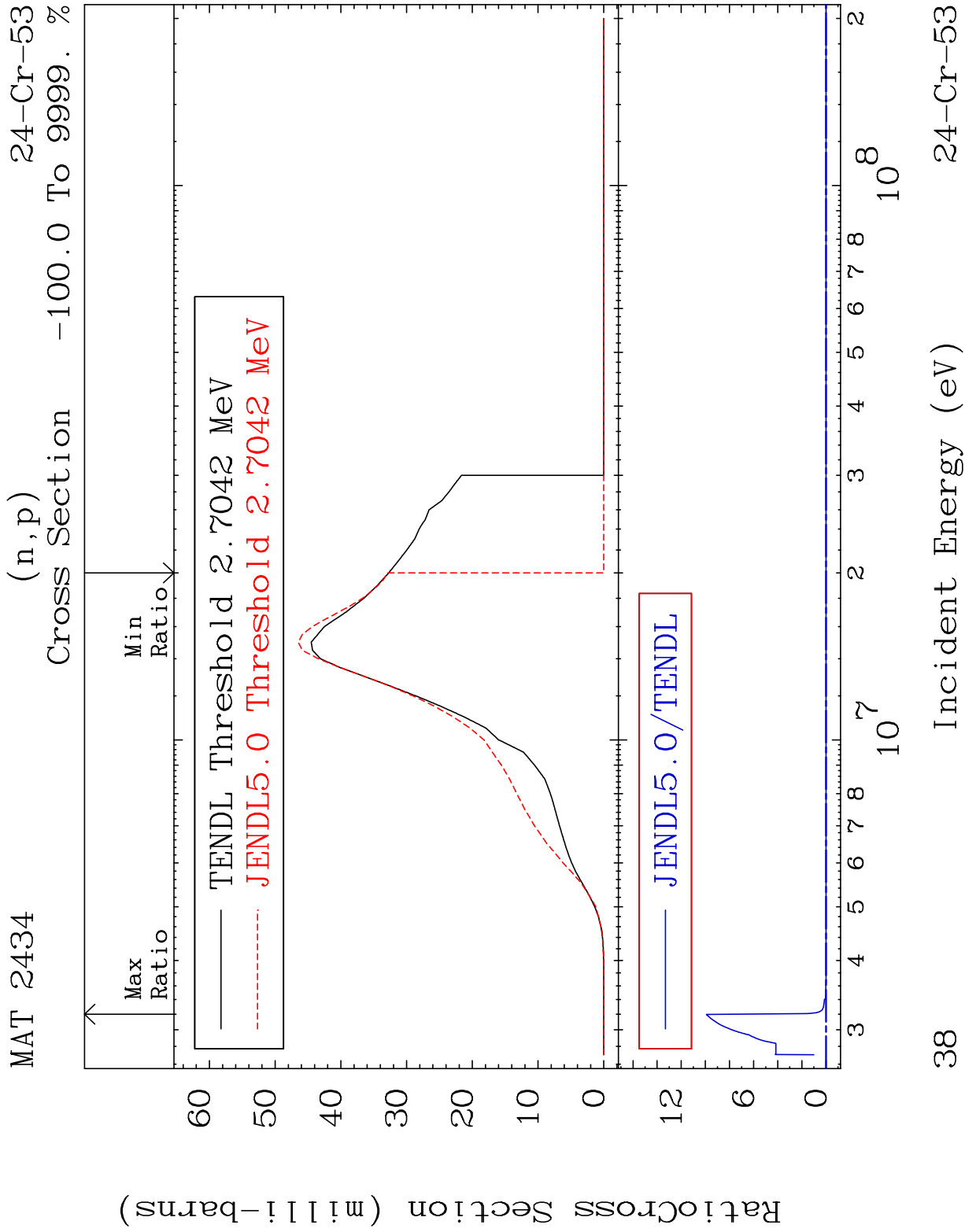
MAT 2434 Dpa disappearance (mt102 -120) 24-Cr-53

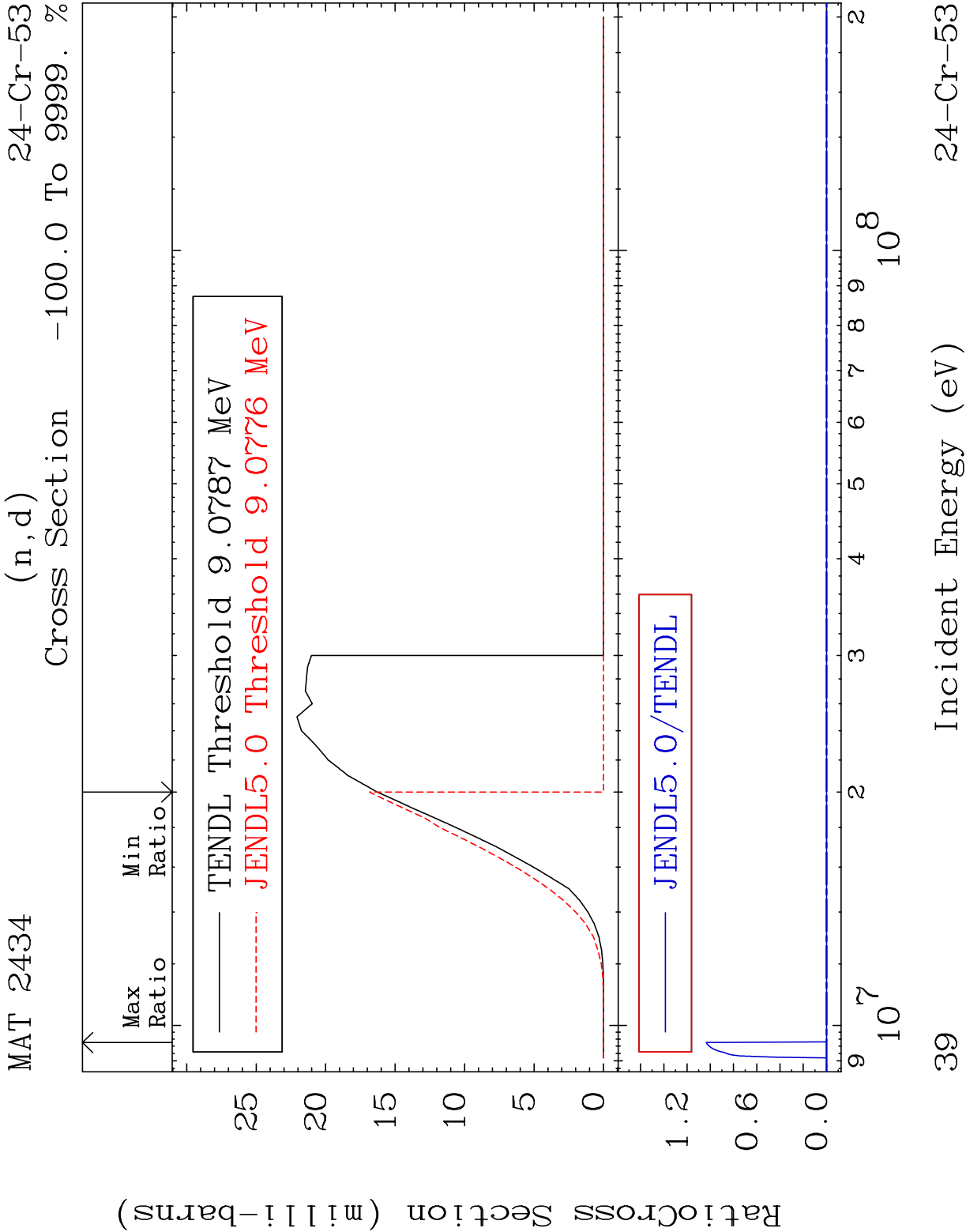
Cross Section -99.51 To 9999. %



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

37 Incident Energy (eV) 24-Cr-53





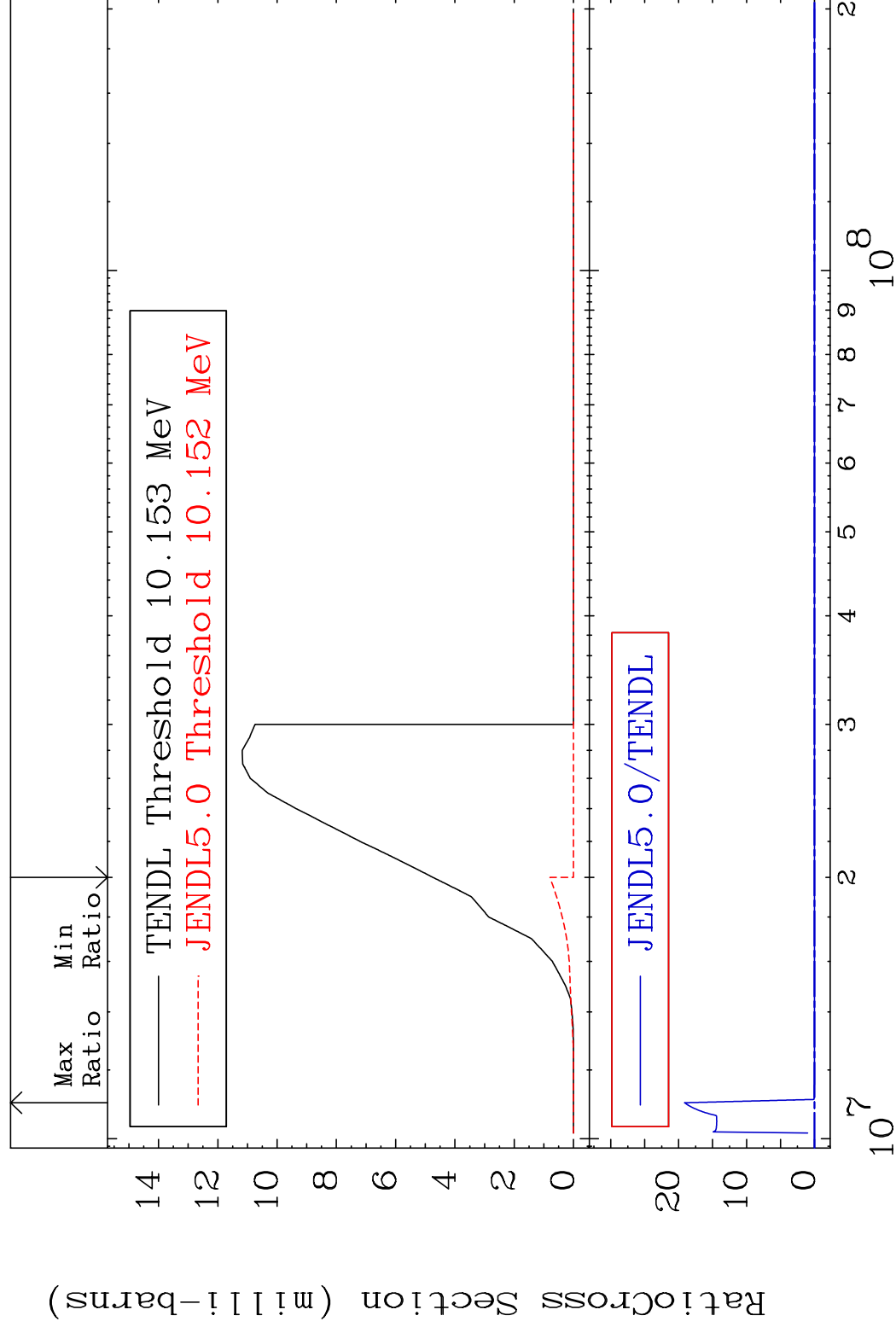
MAT 2434

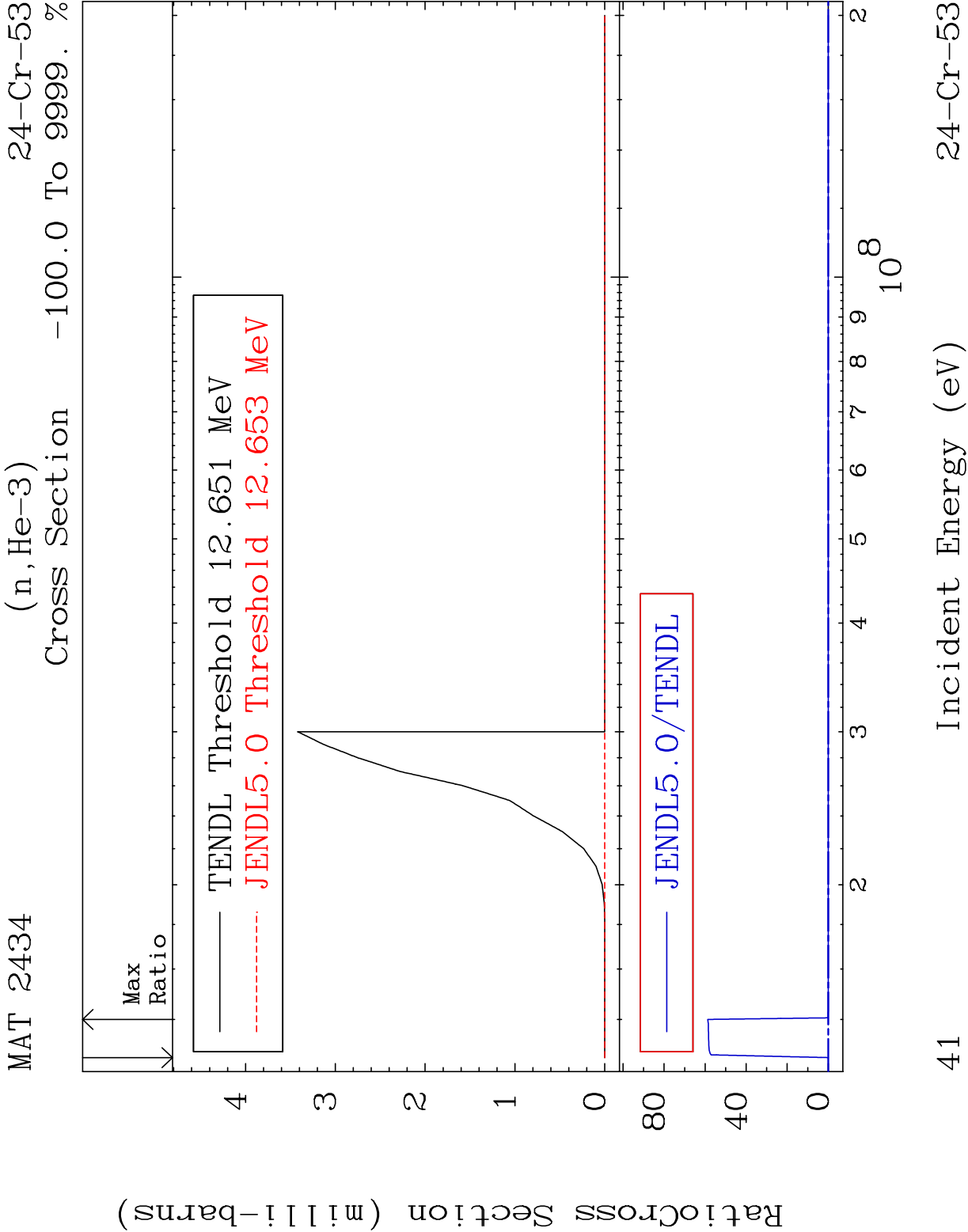
 (n, t)

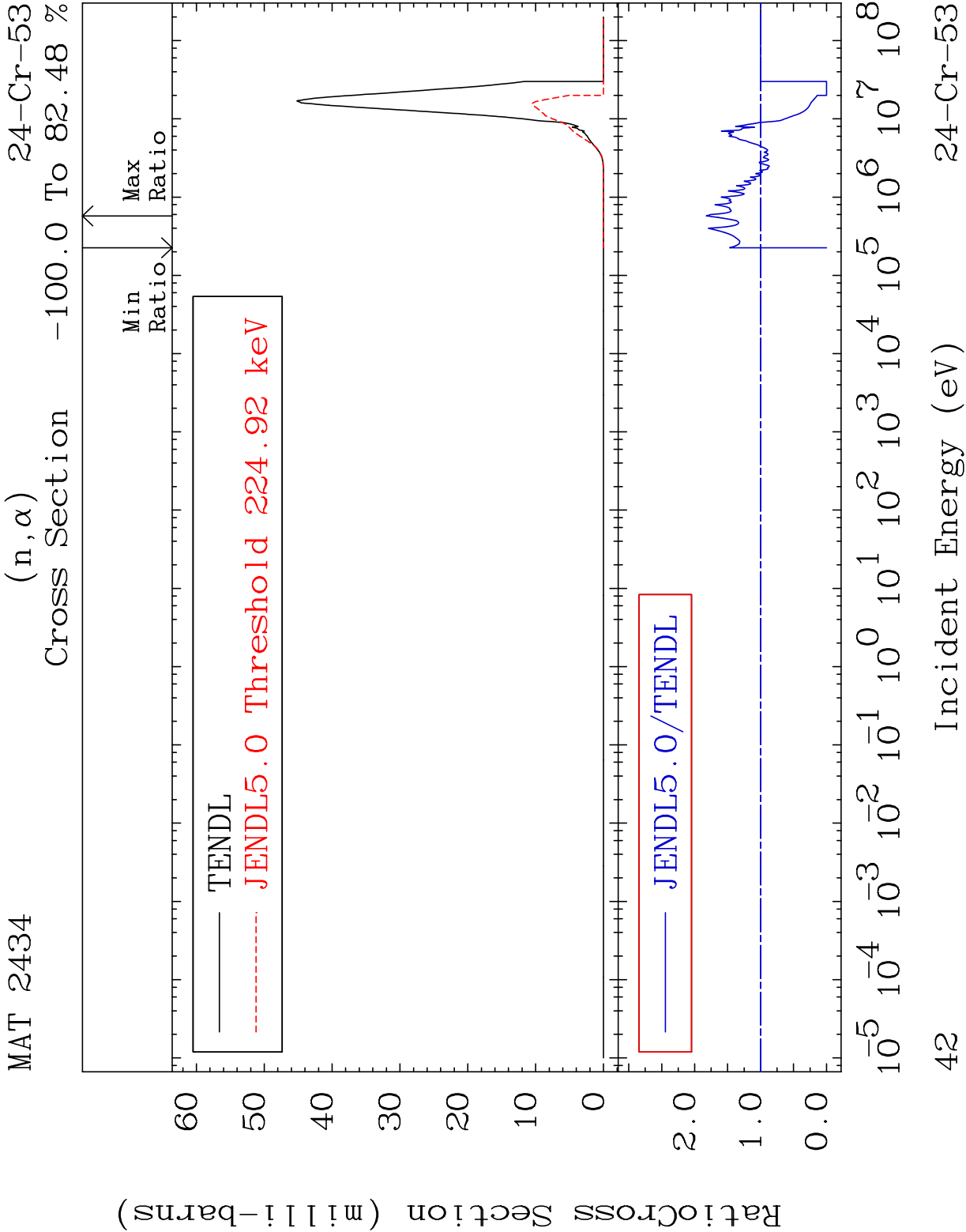
24-Cr-53

Cross Section

-100.0 To 9999. %





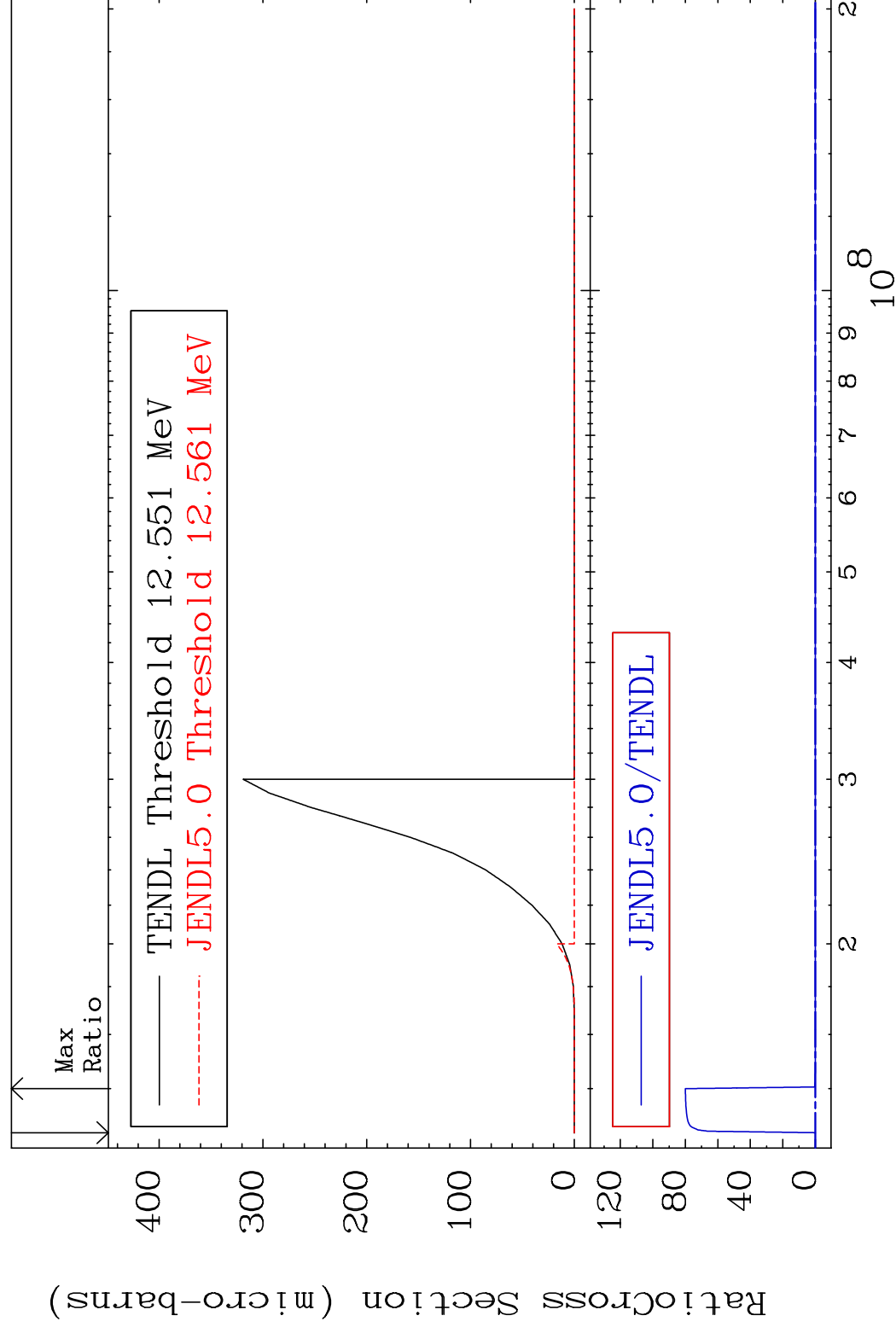


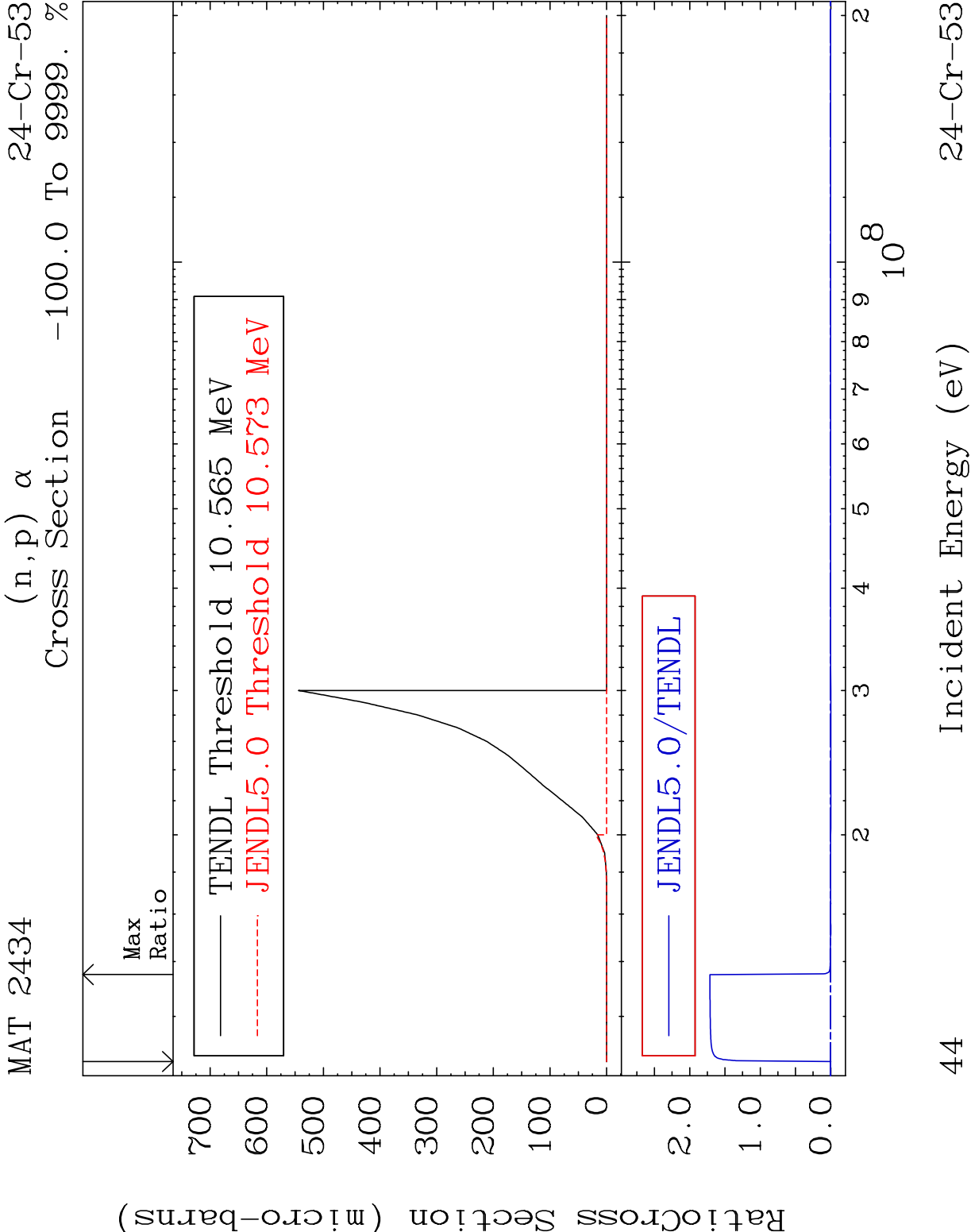
MAT 2434

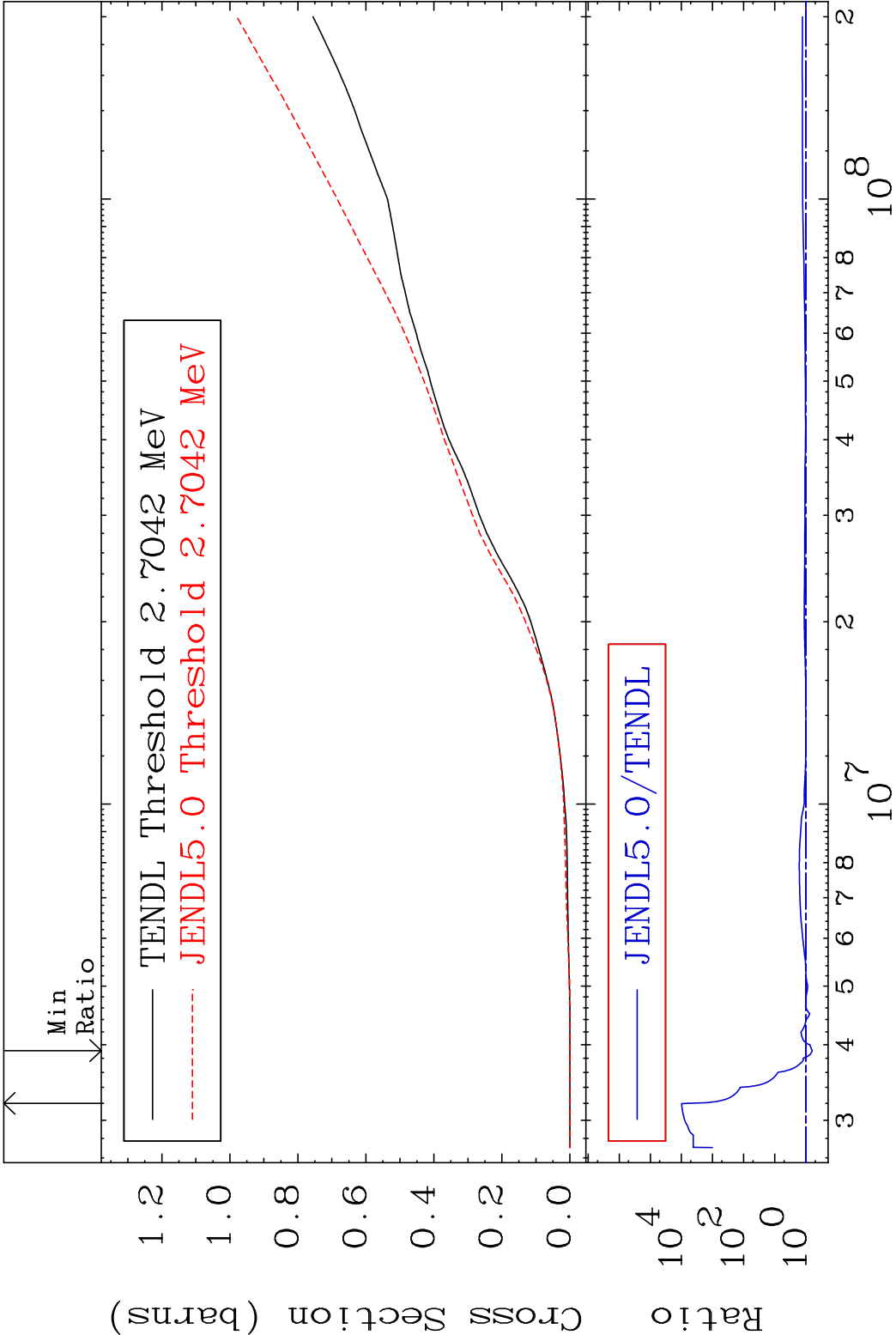
$$(n, 2p)$$

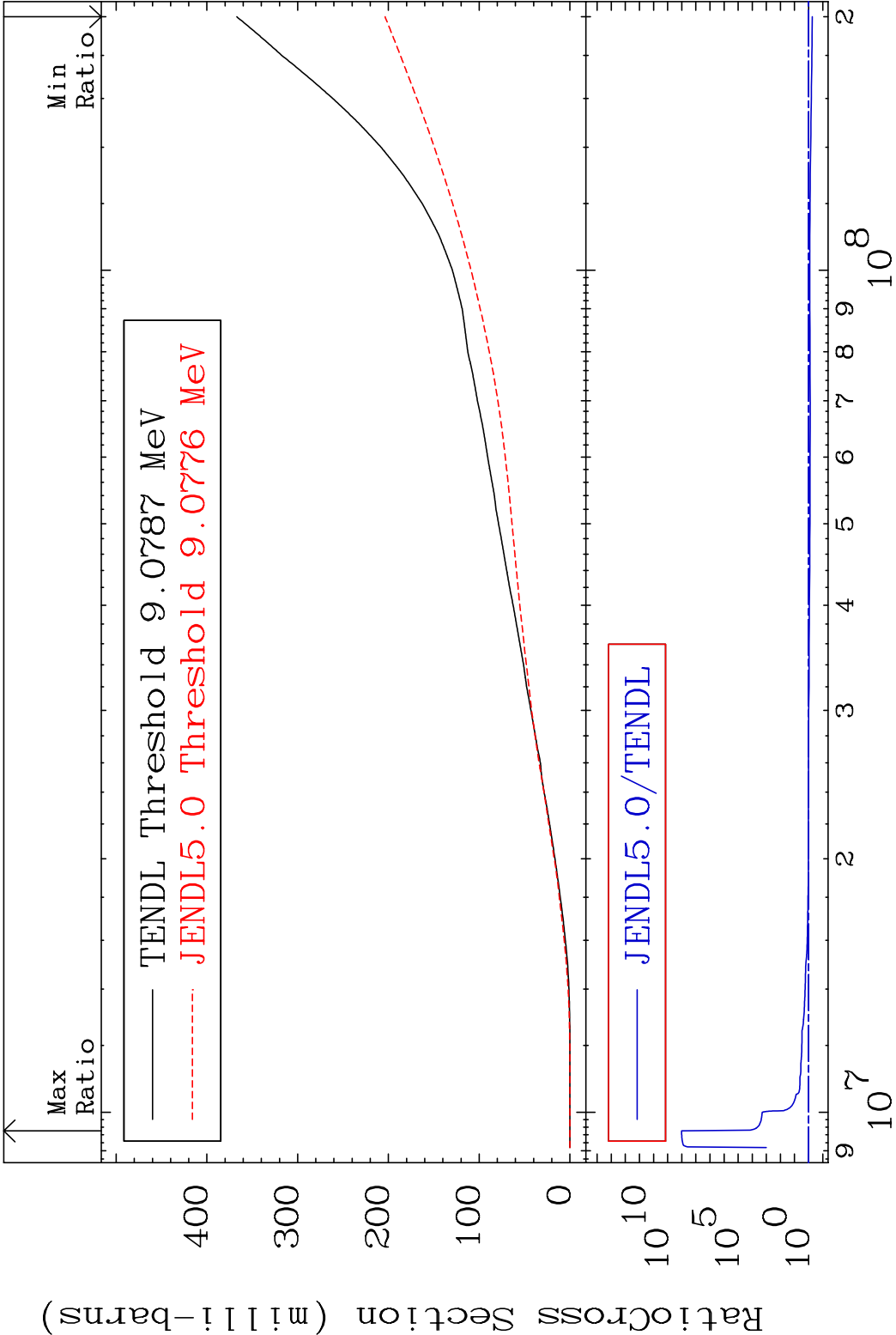
24-Cr-53

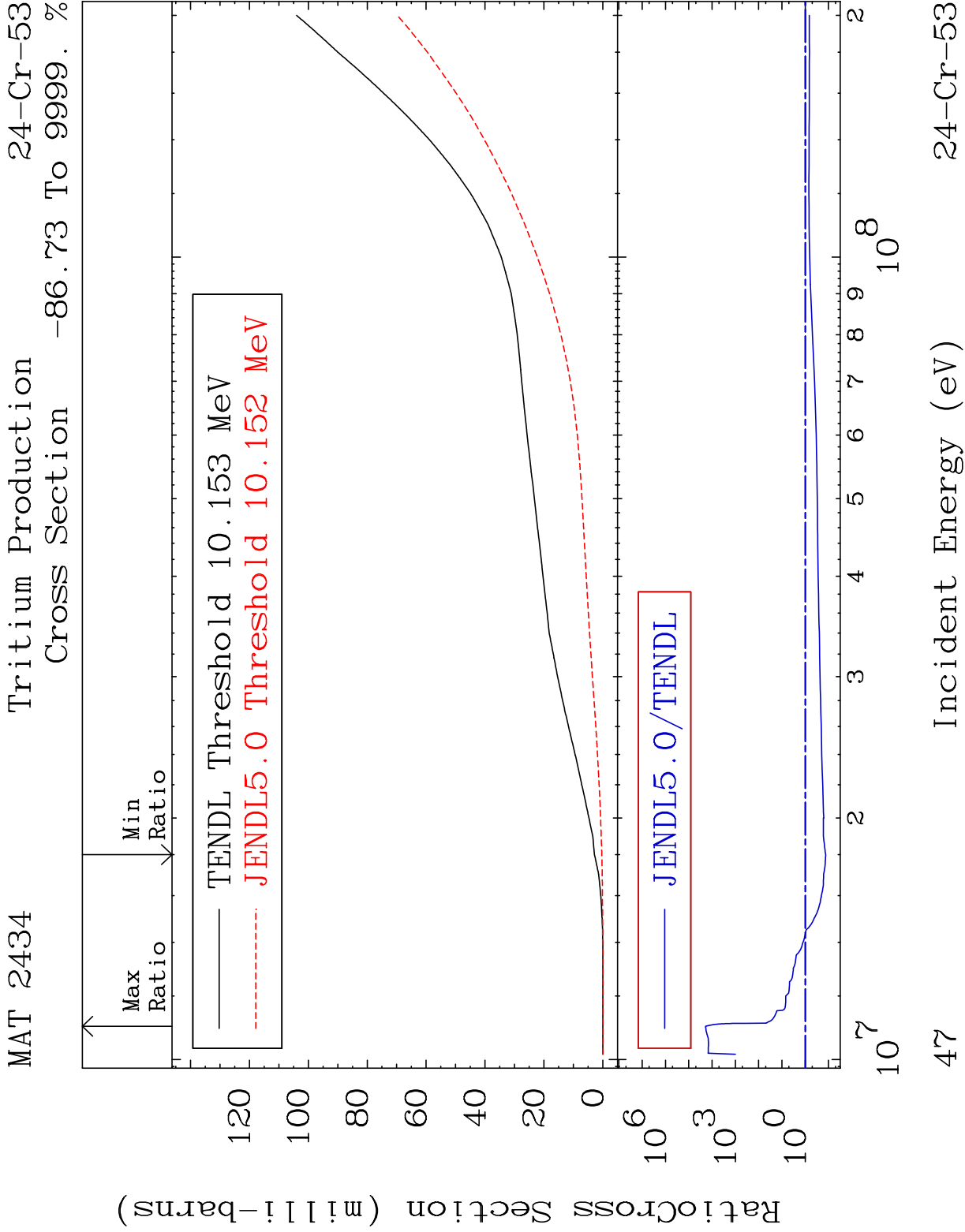
Cross Section -100.0 To 9999. %









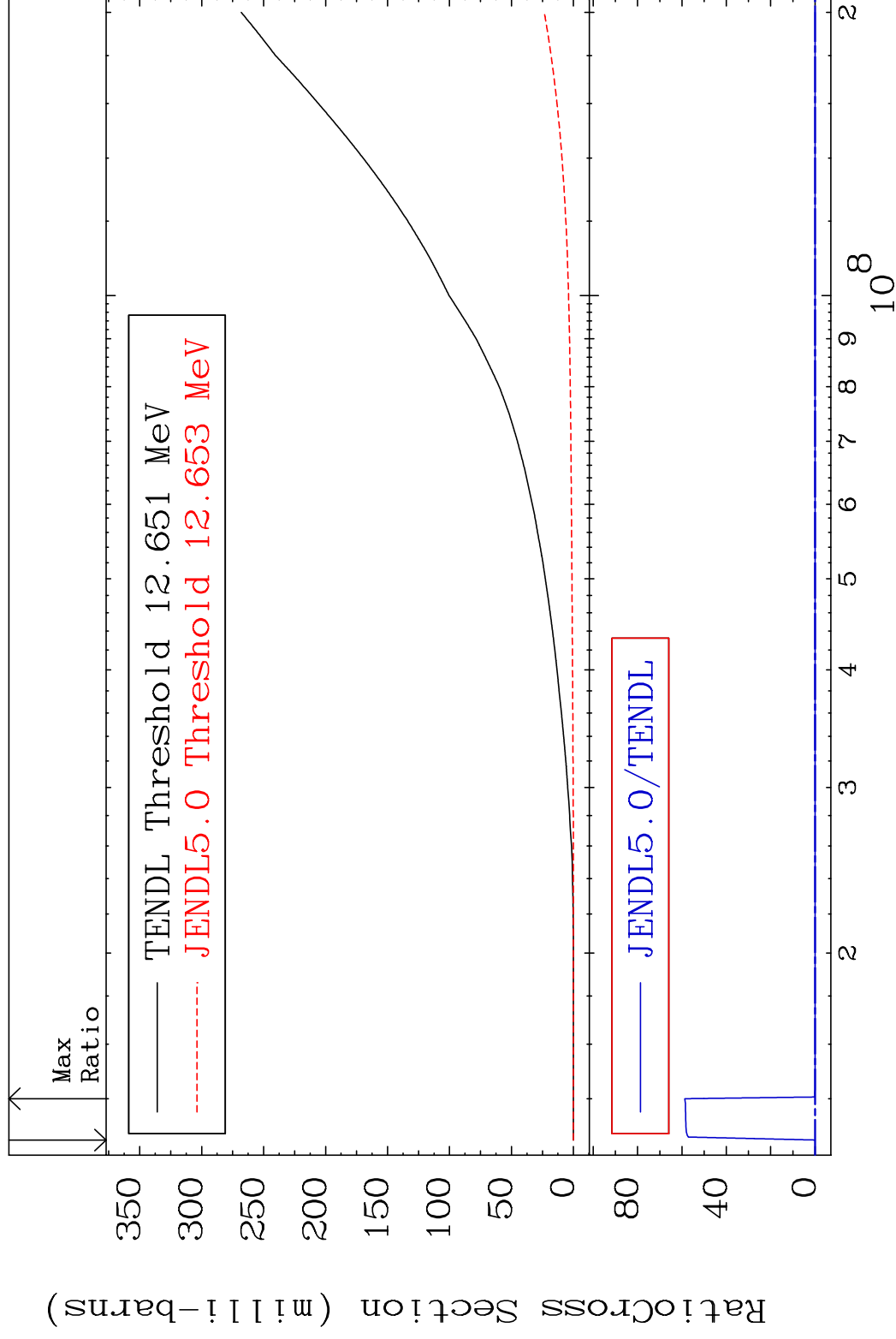


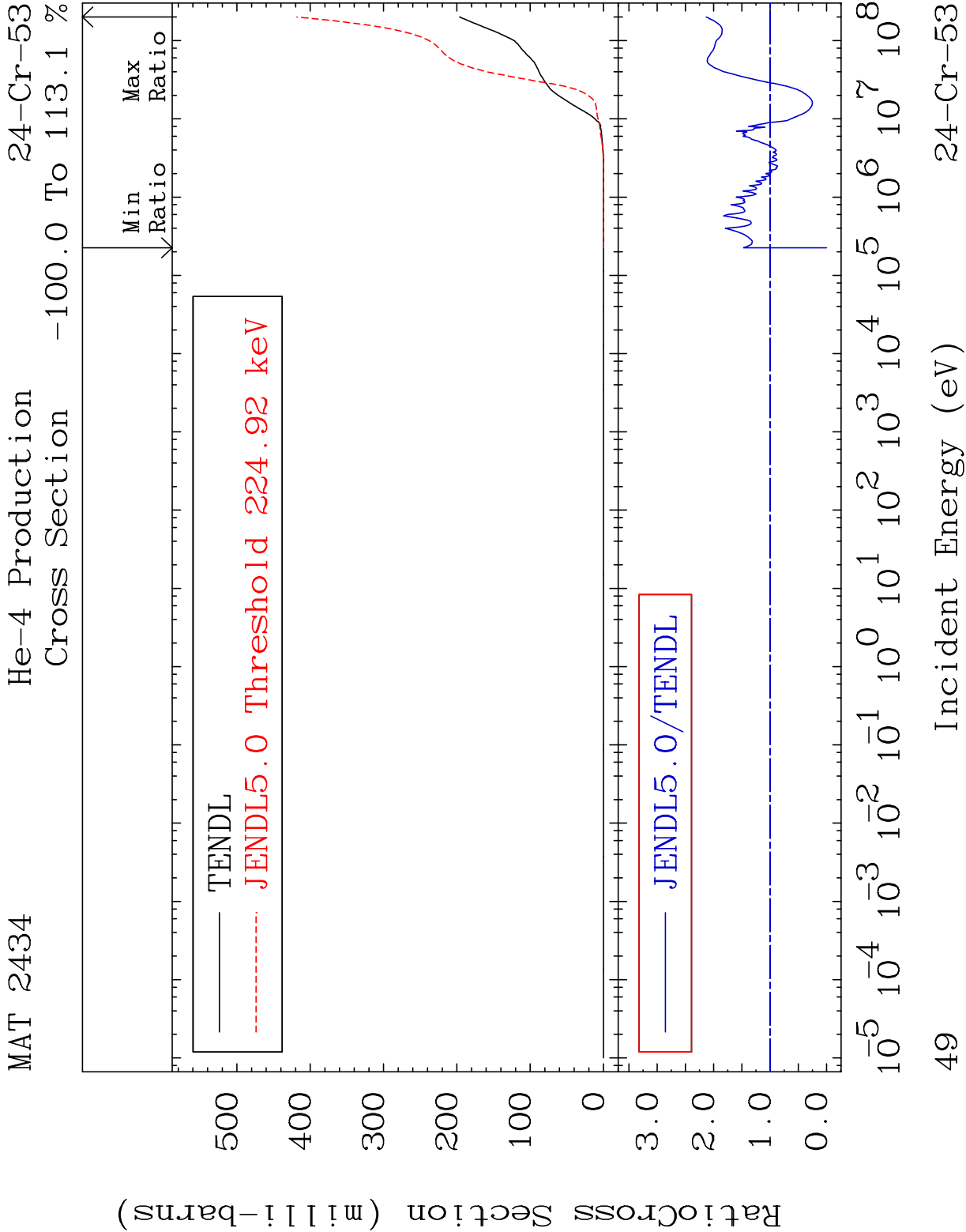
MAT 2434

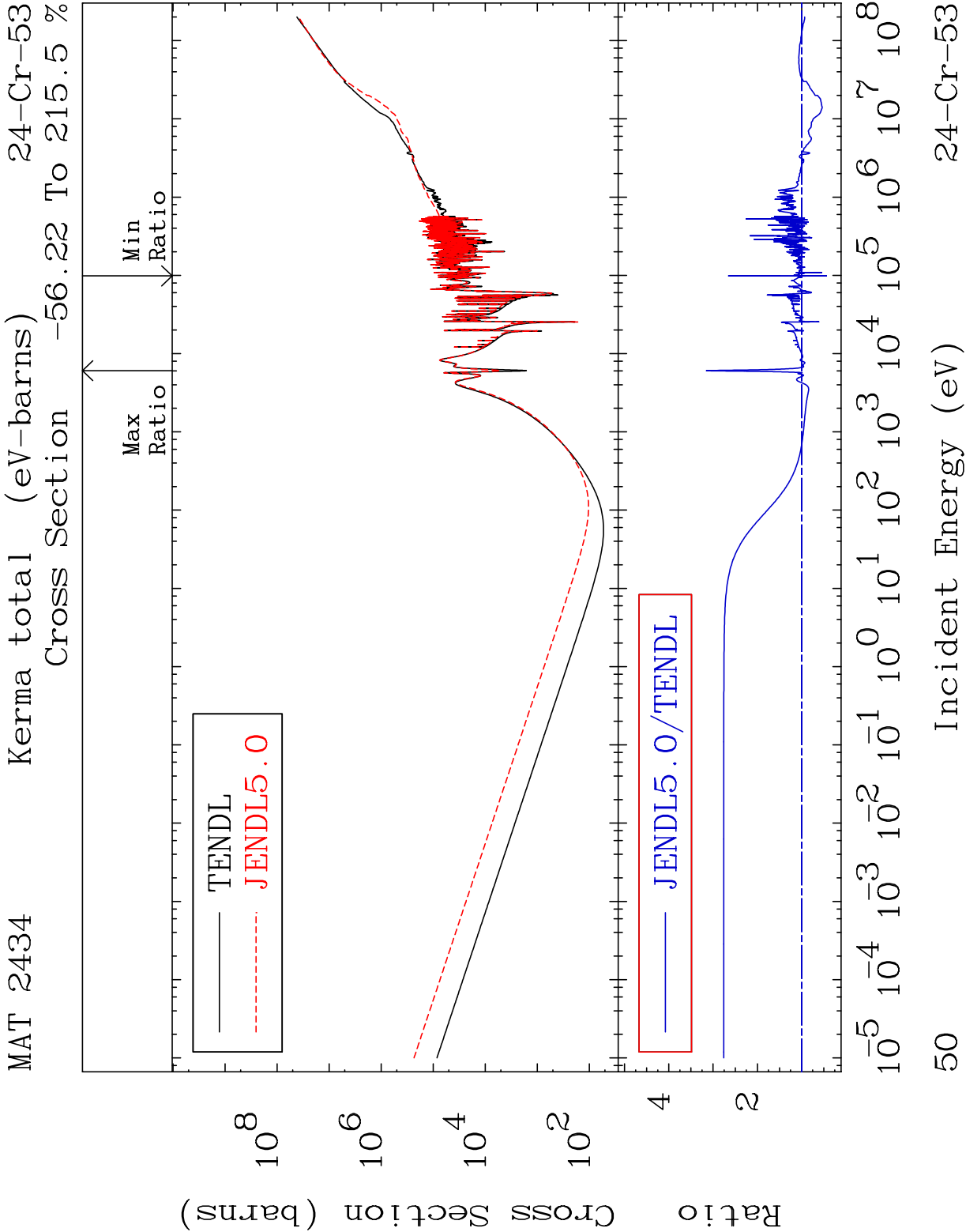
He-3 Production

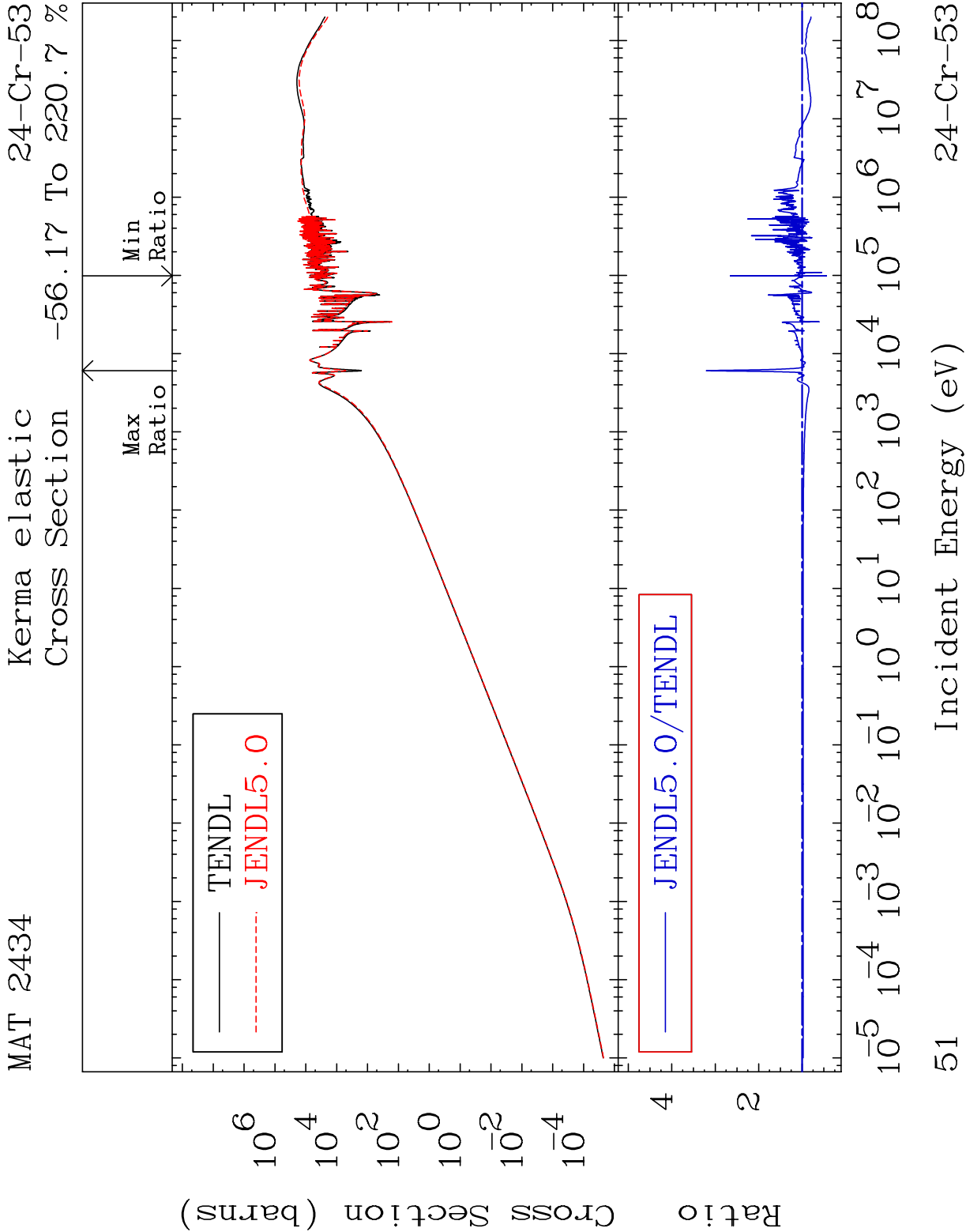
24-Cr-53

Cross Section -100.0 To 9999. %

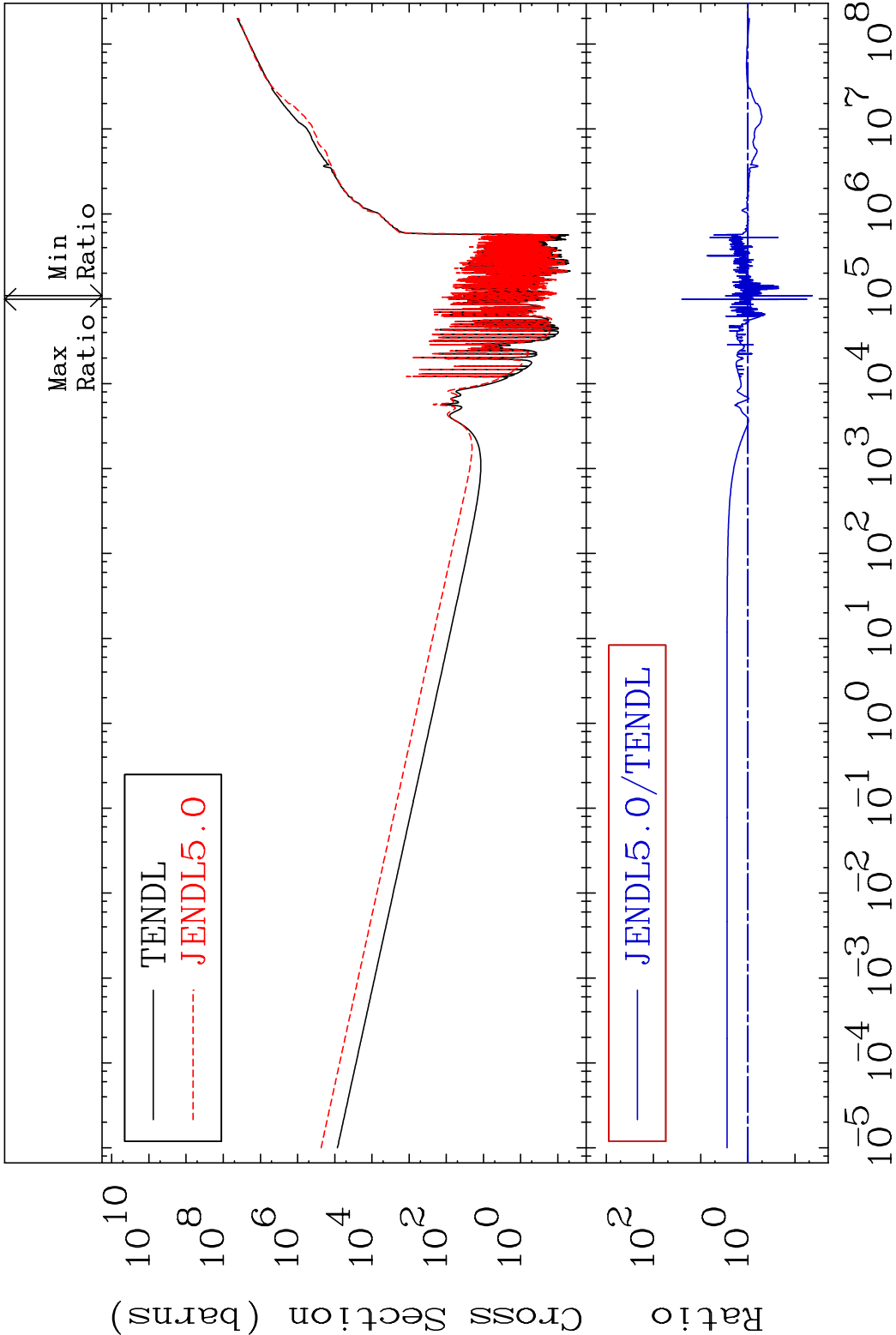


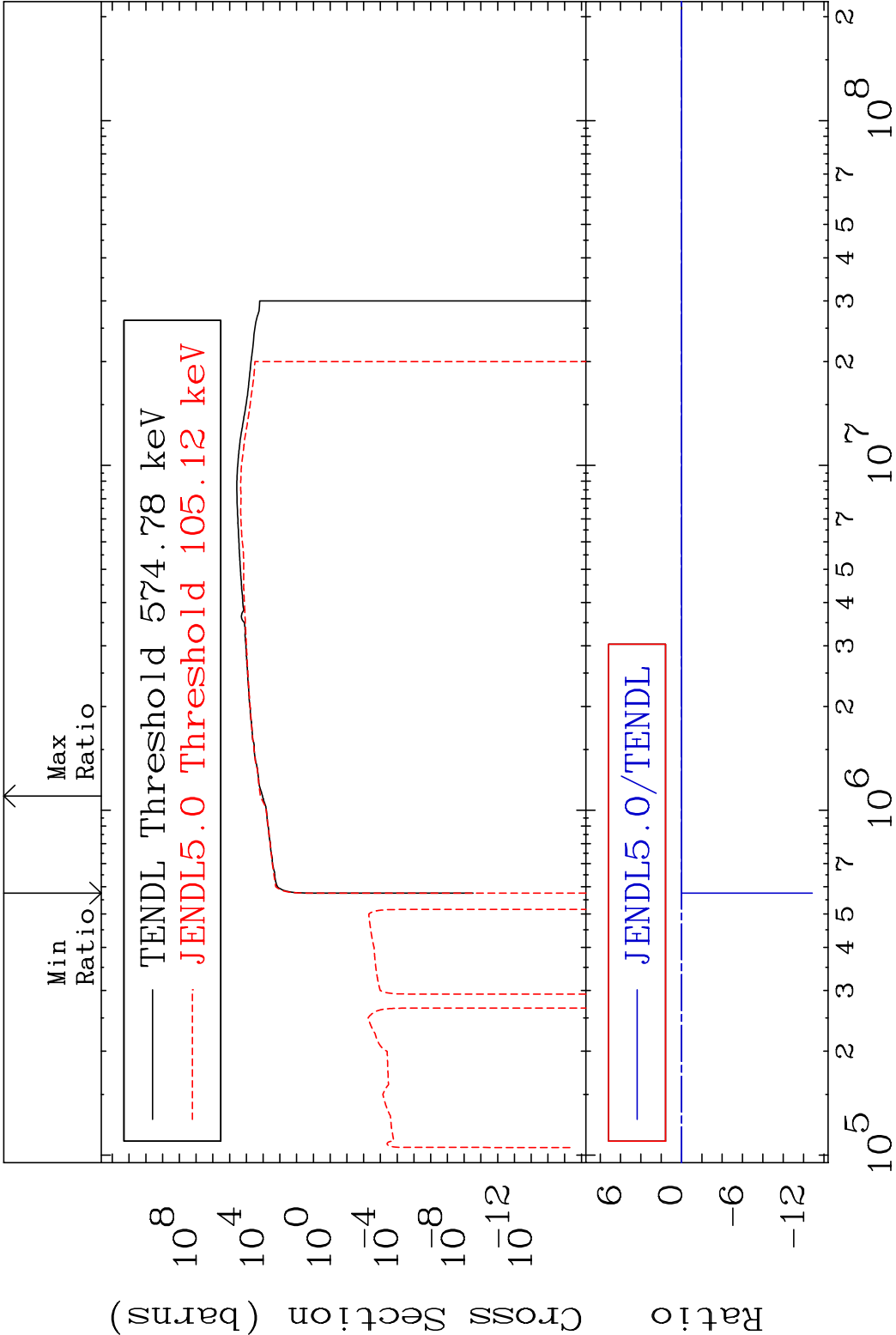




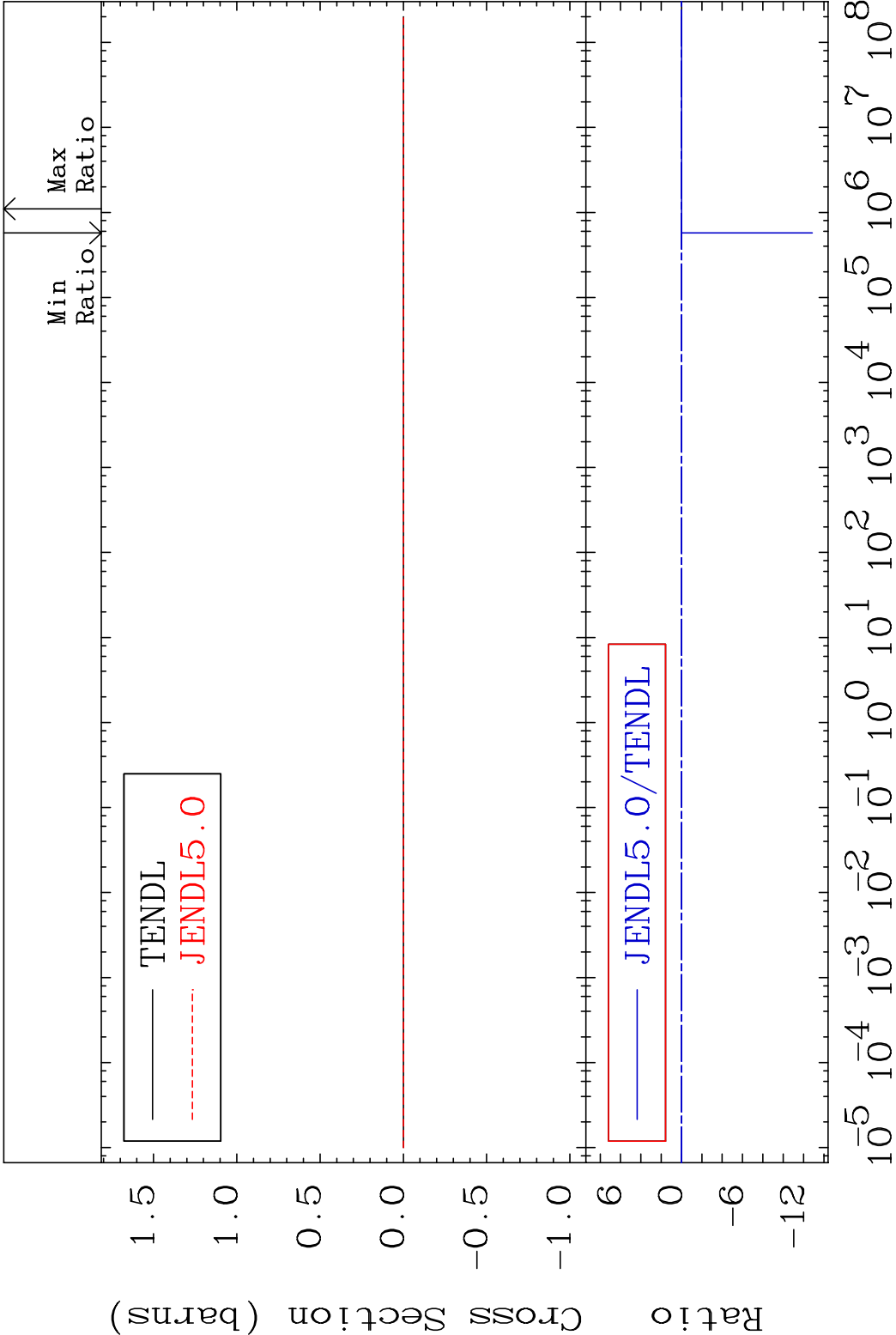


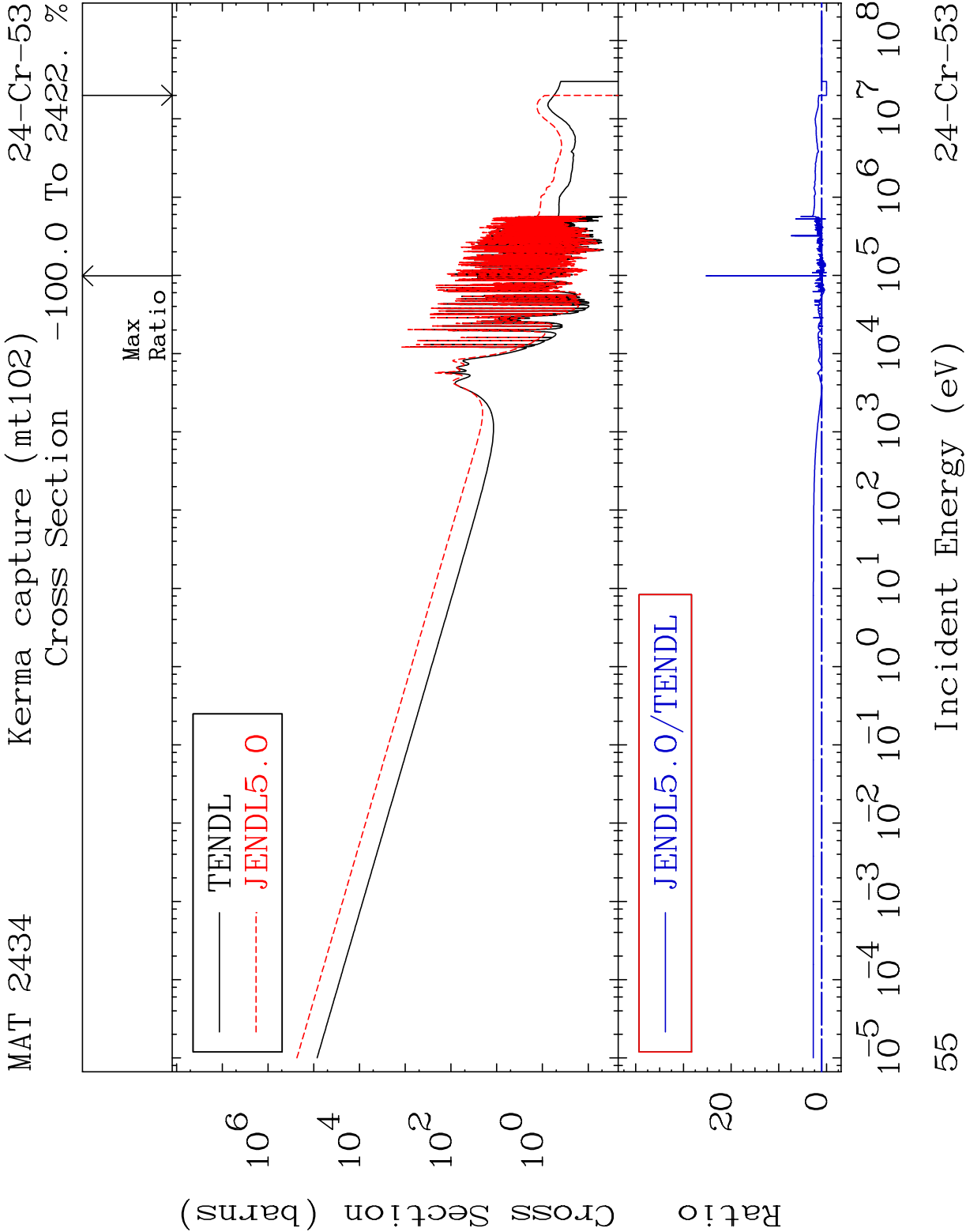
MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53
Cross Section -95.70 To 2422. %





MAT 2434 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-53
Cross Section -9999. To 35.79 %





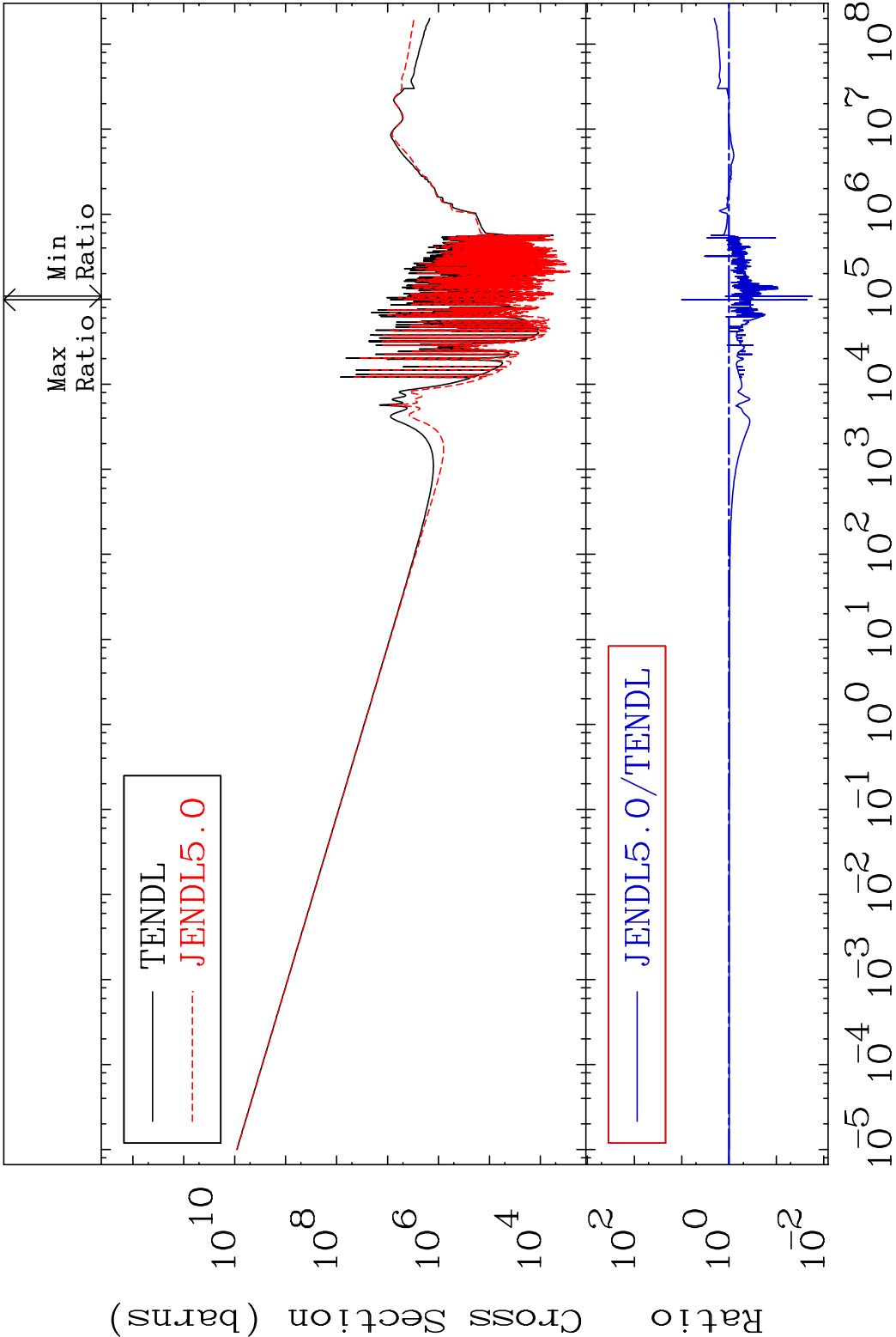
MAT 2434

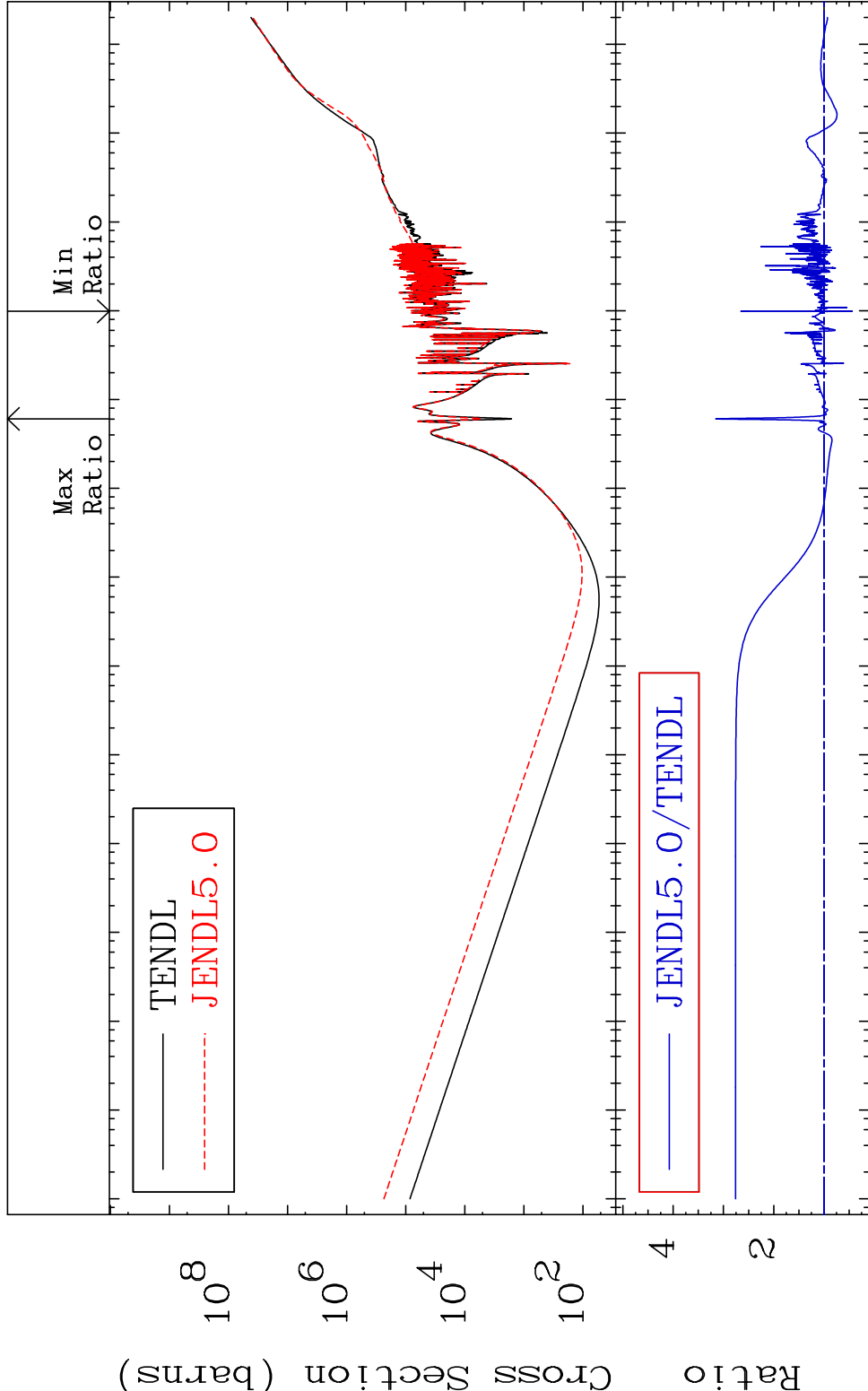
Total photon (eV-barns)

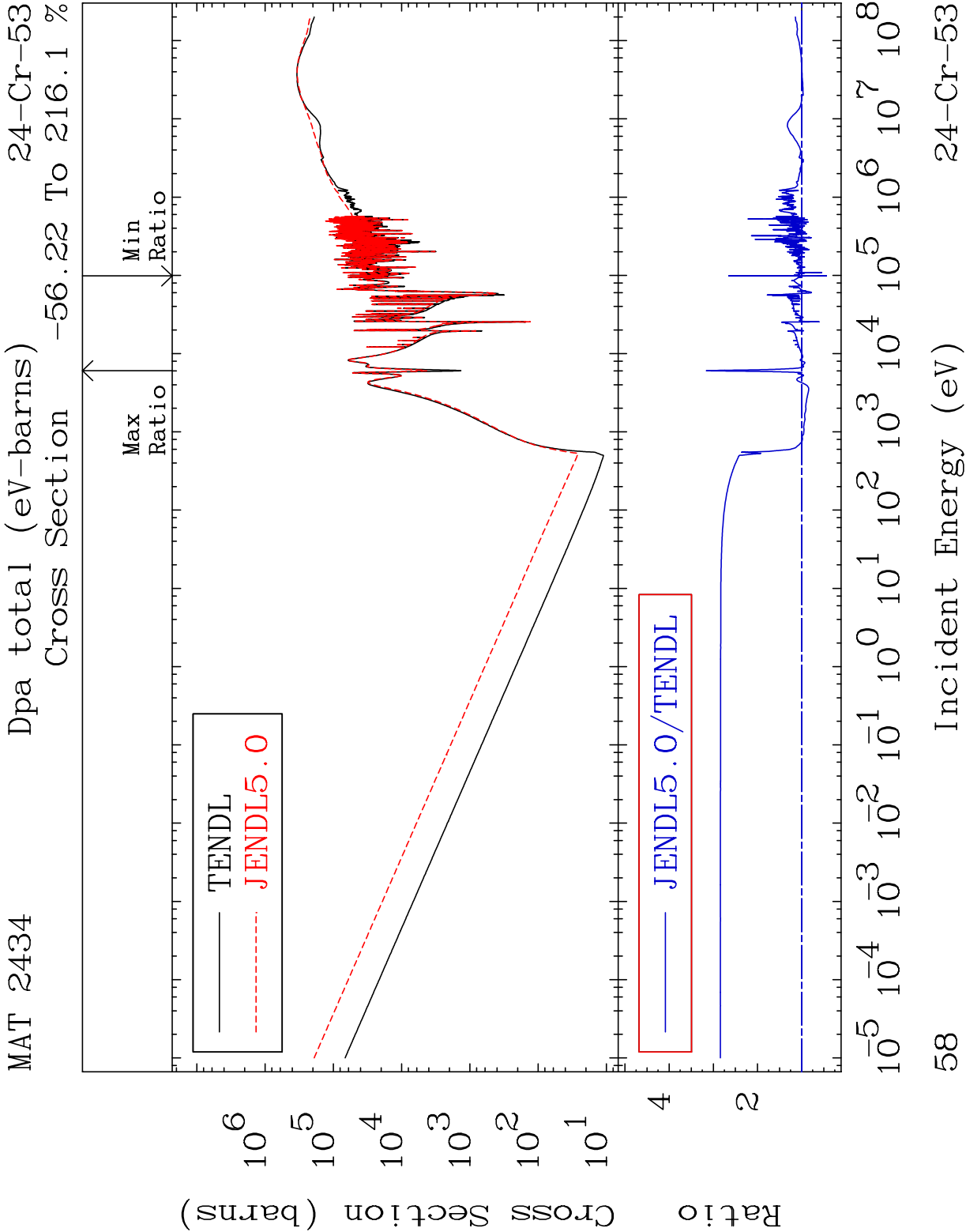
24-Cr-53

Cross Section

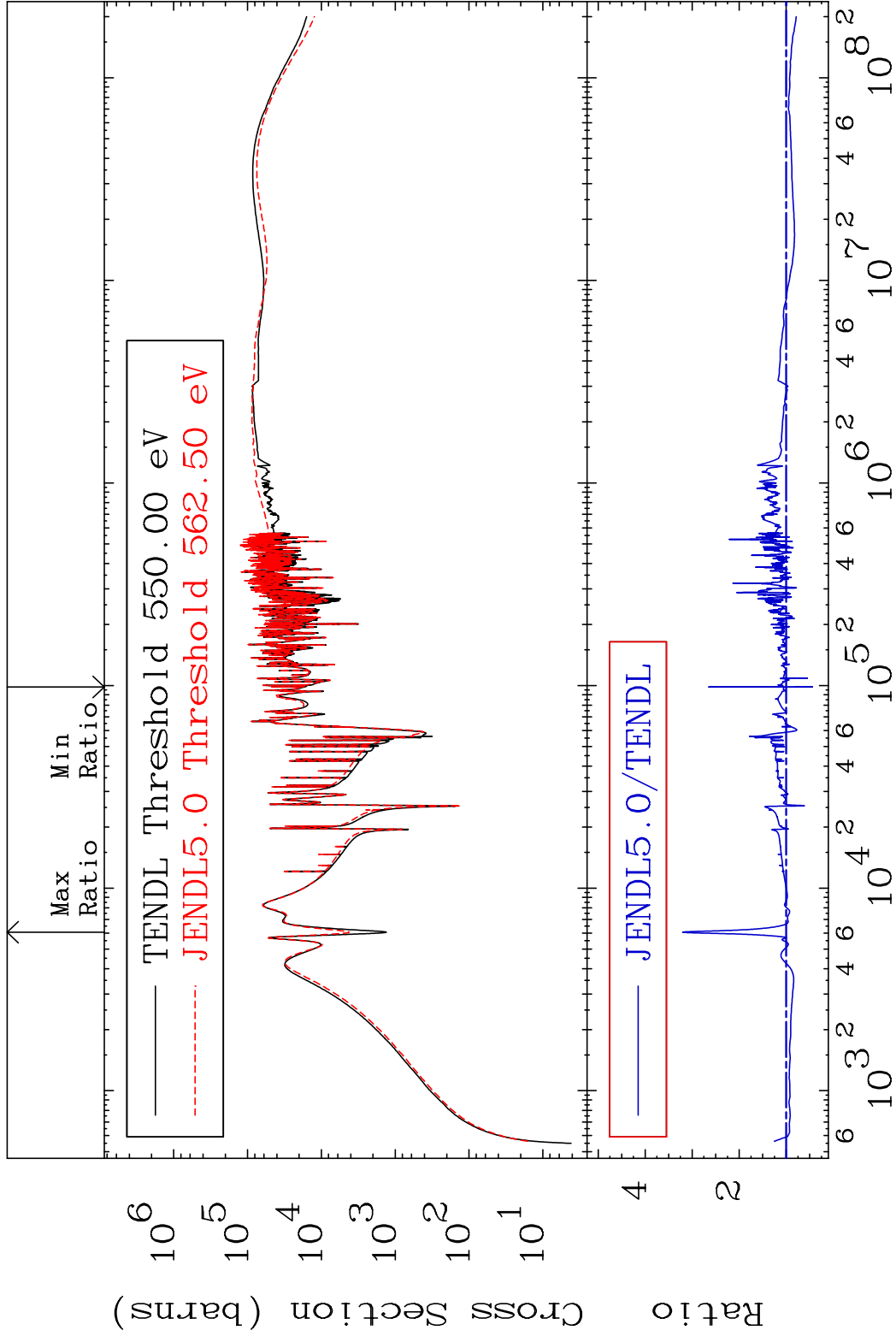
-98.26 To 911.6 %

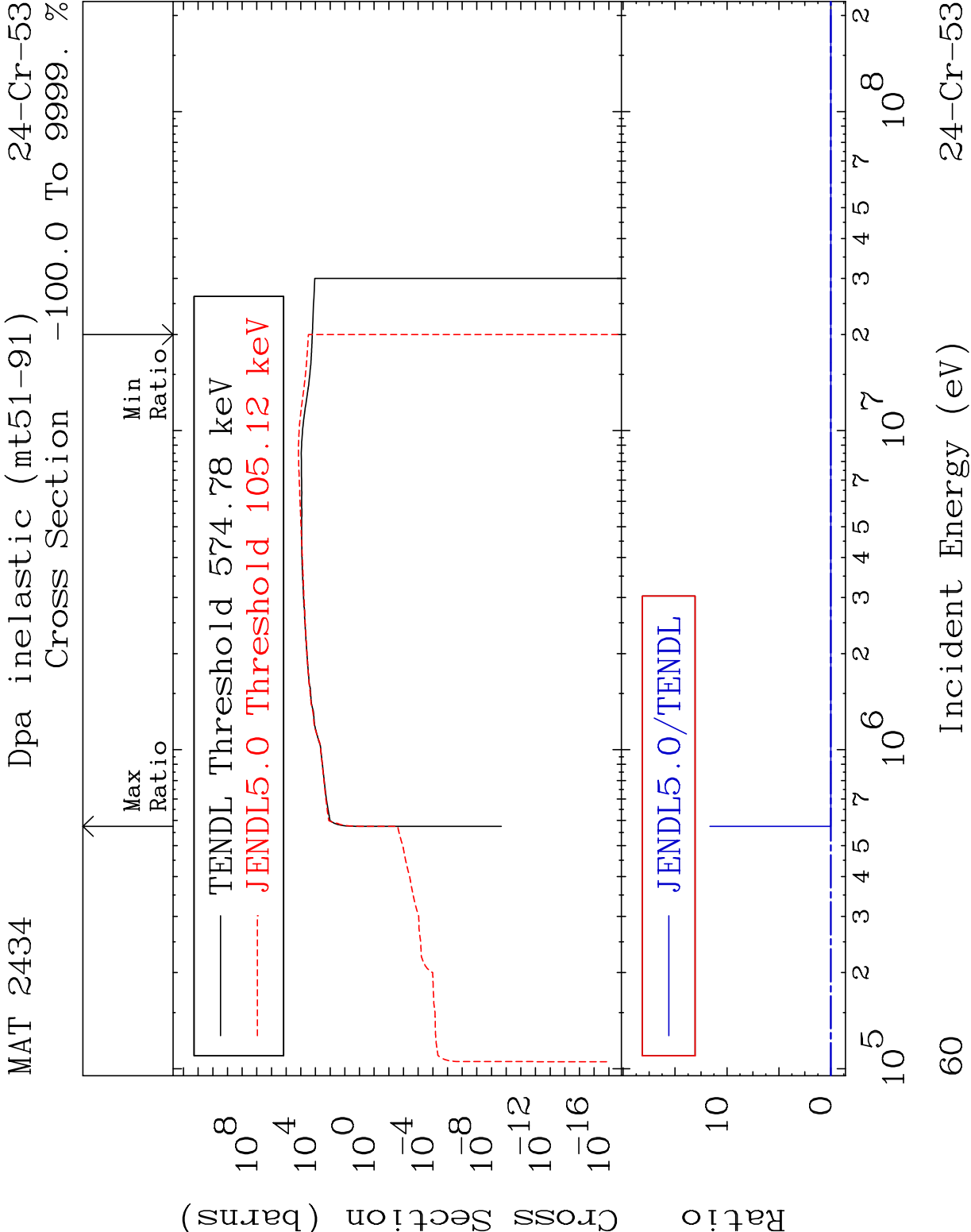






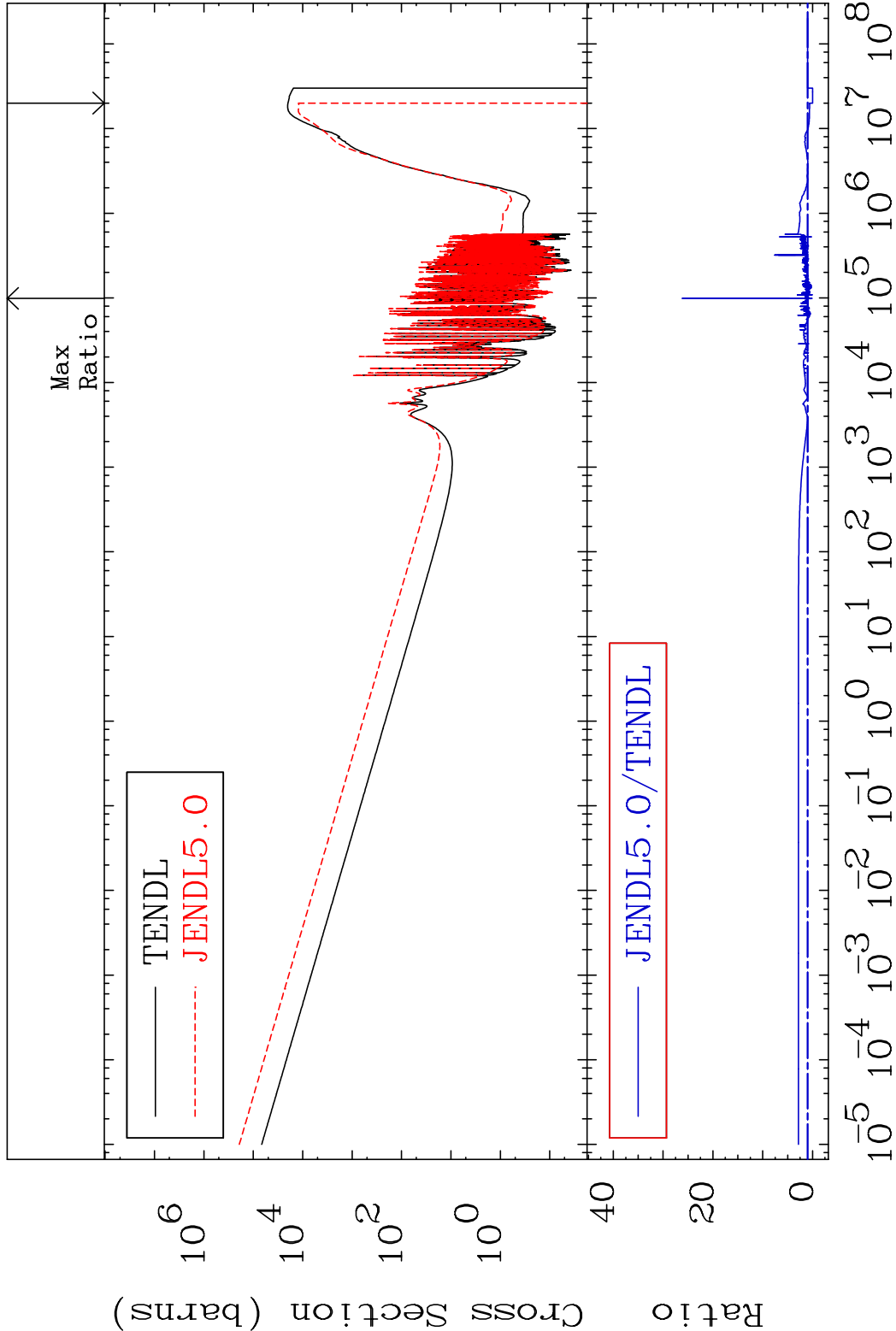
MAT 2434 Dpa elastic (mt2) 24-Cr-53
Cross Section -56.17 To 220.9 %





MAT 2434 Dpa disappearance (mt102 -120) 24-Cr-53

Cross Section -100.0 To 2513. %



61

Incident Energy (eV)

24-Cr-53