

Program Complot
(Version 2021-1)

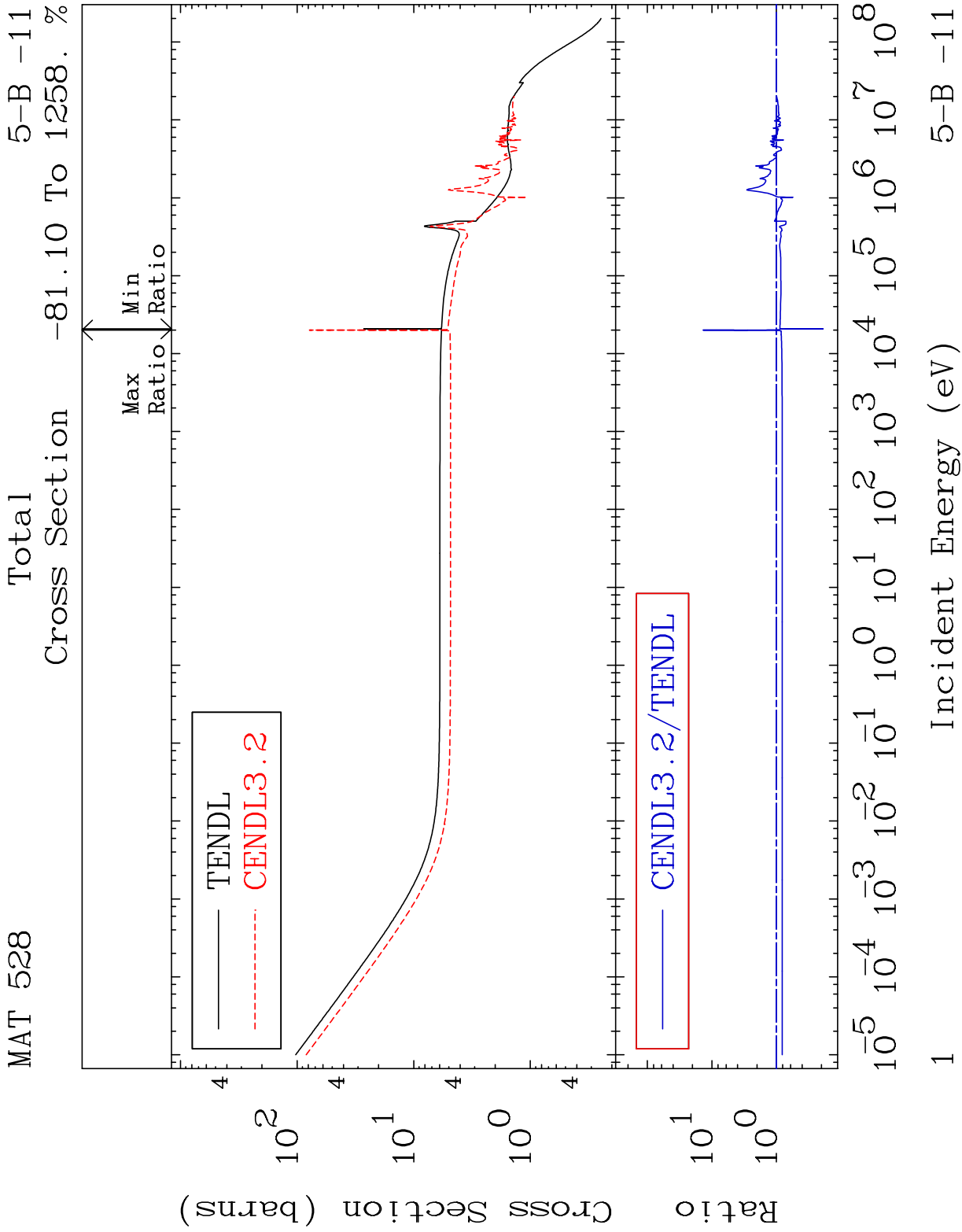
by

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

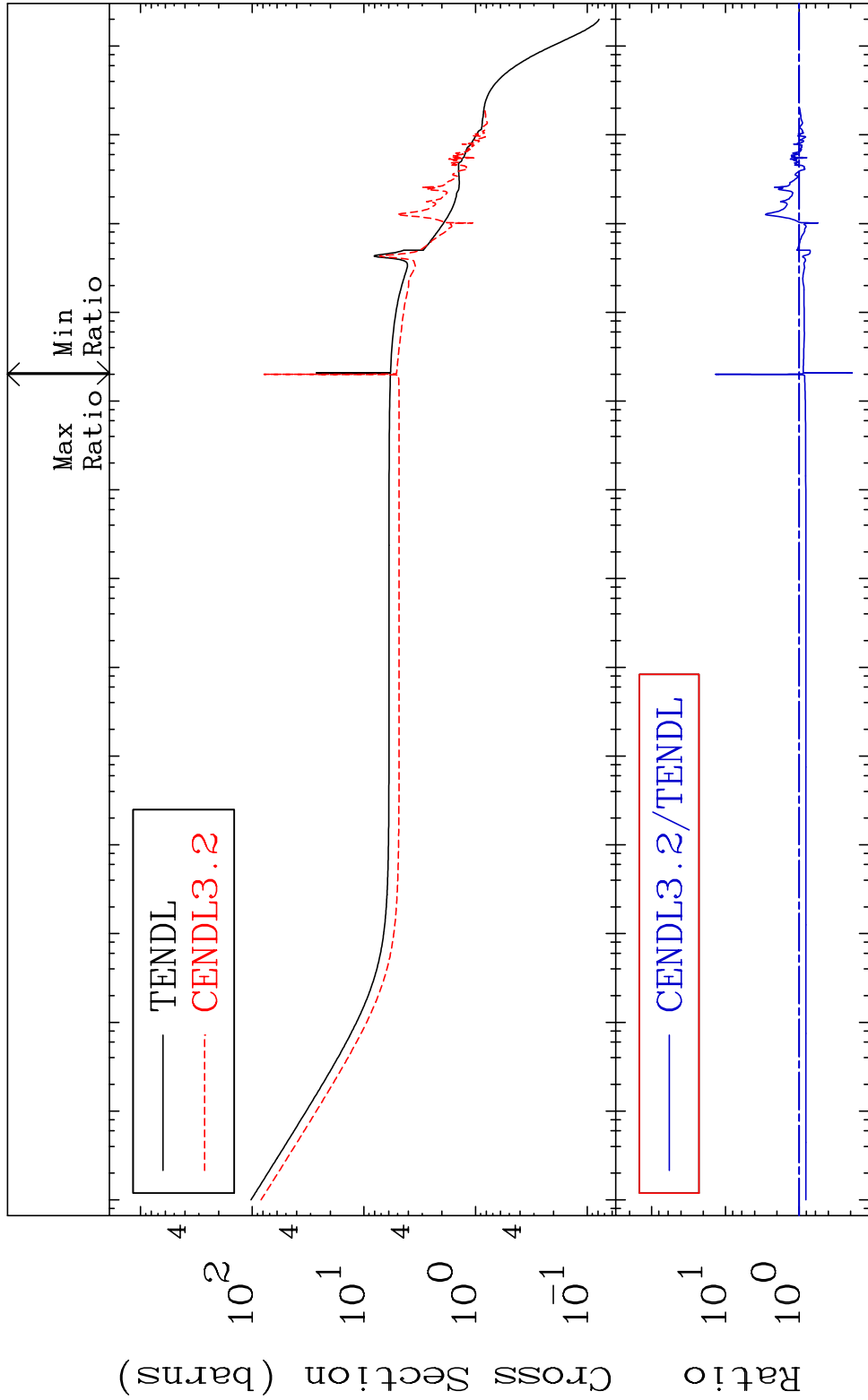


MAT 528

Elastic

5-B -11

Cross Section -80.95 To 1256. %



Ratio

10²

10¹

10⁰

10⁻¹

10⁻²

10⁻³

10⁻⁴

10⁻⁵

10⁰

10¹

10²

10³

10⁴

10⁵

10⁶

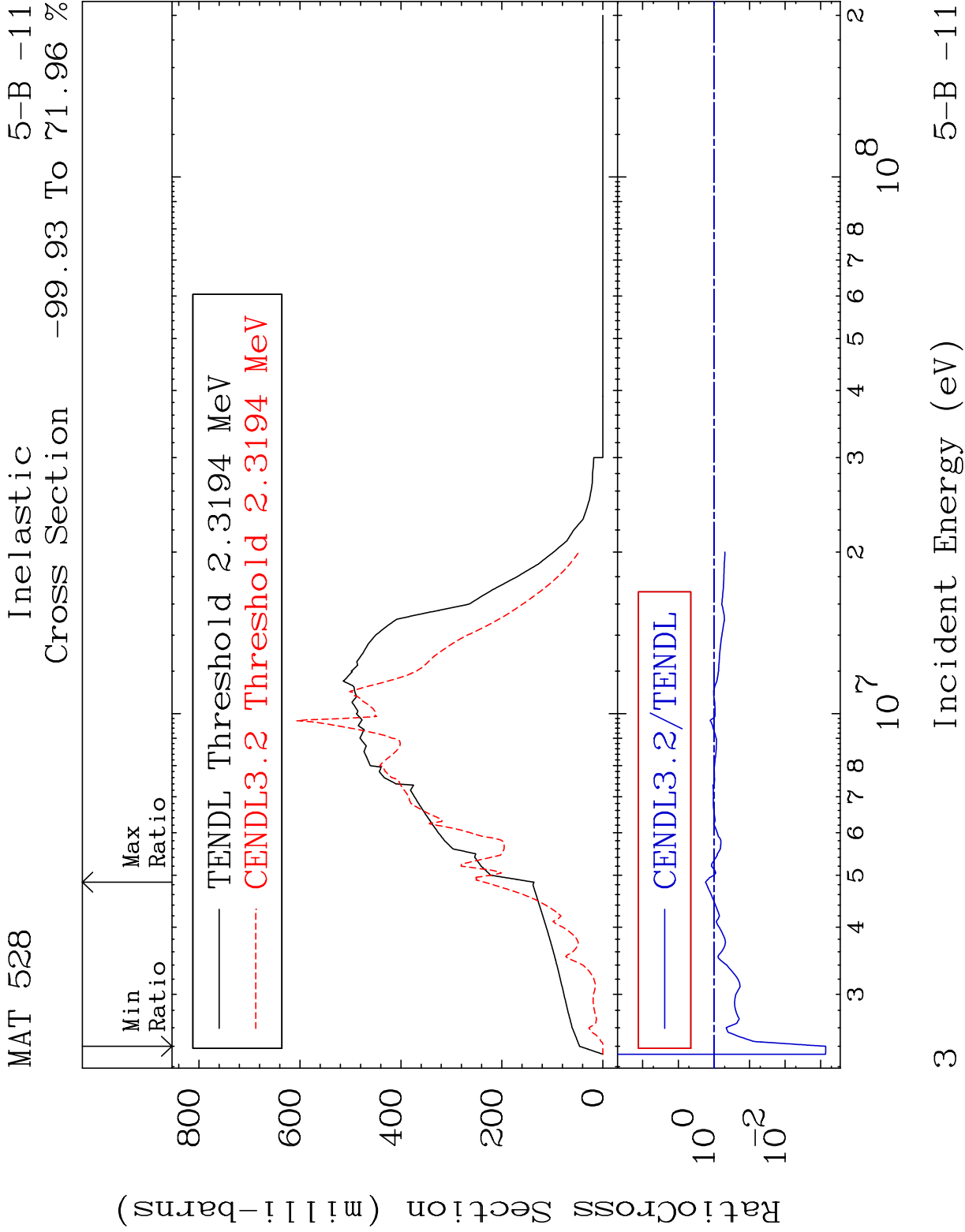
10⁷

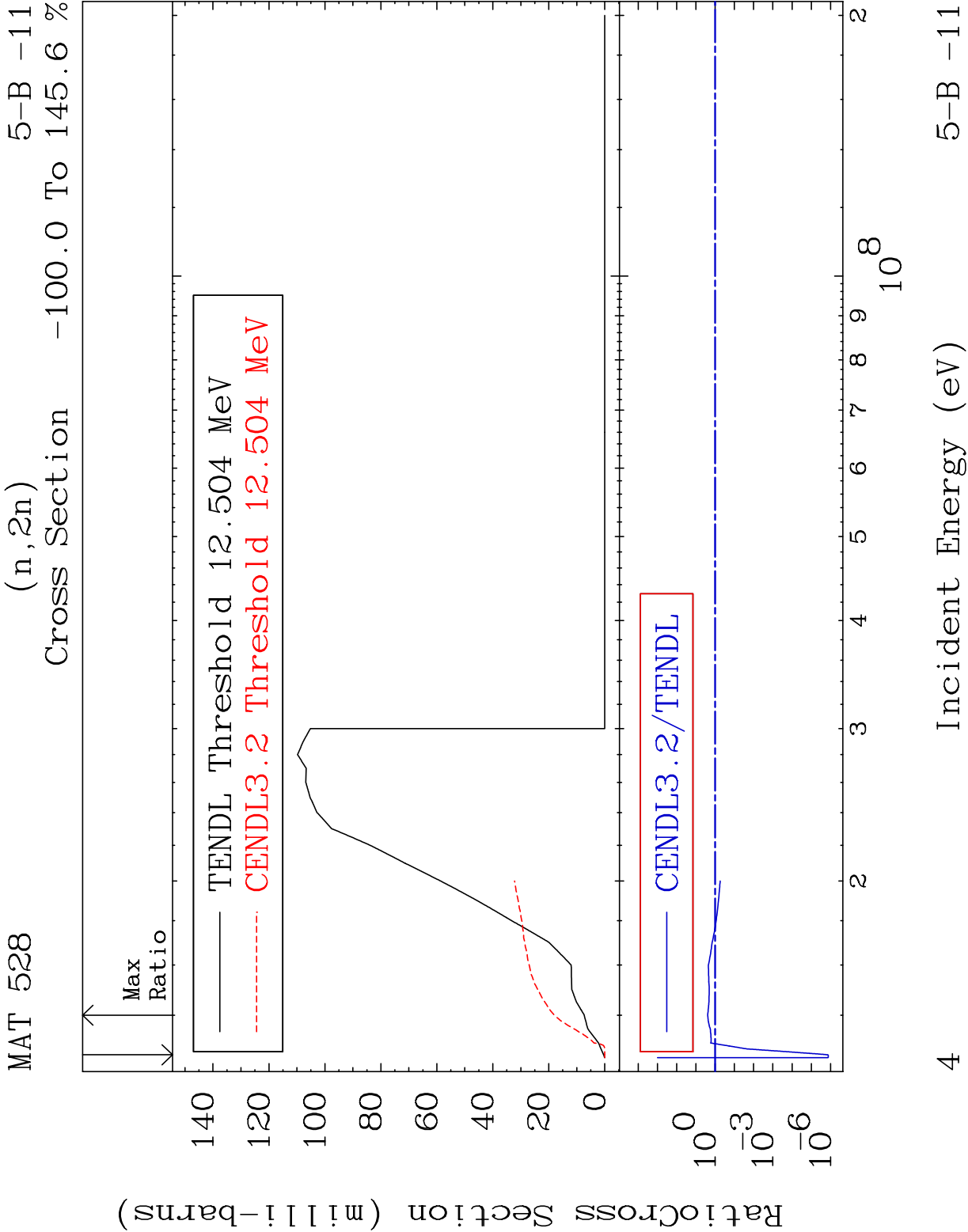
10⁸

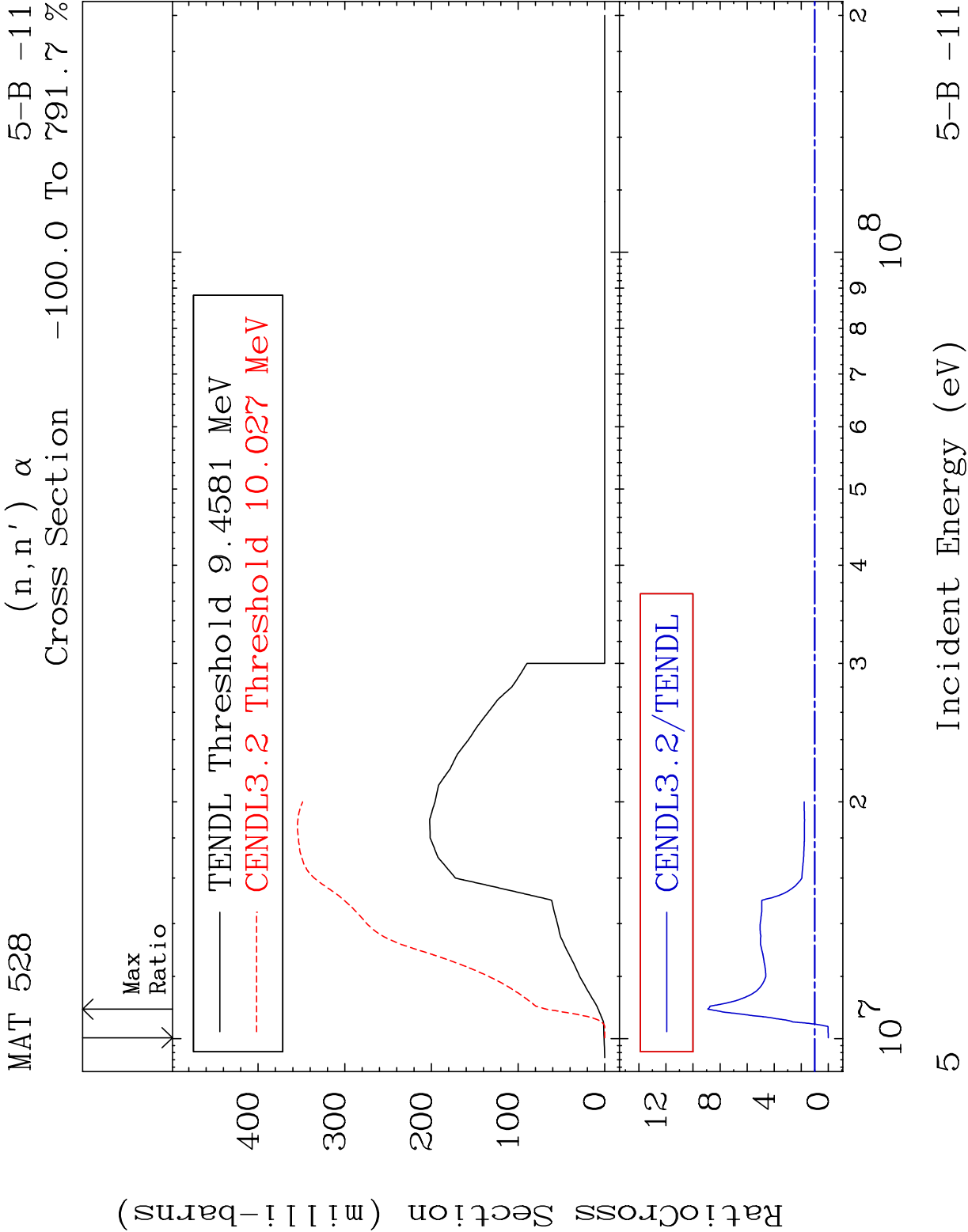
2

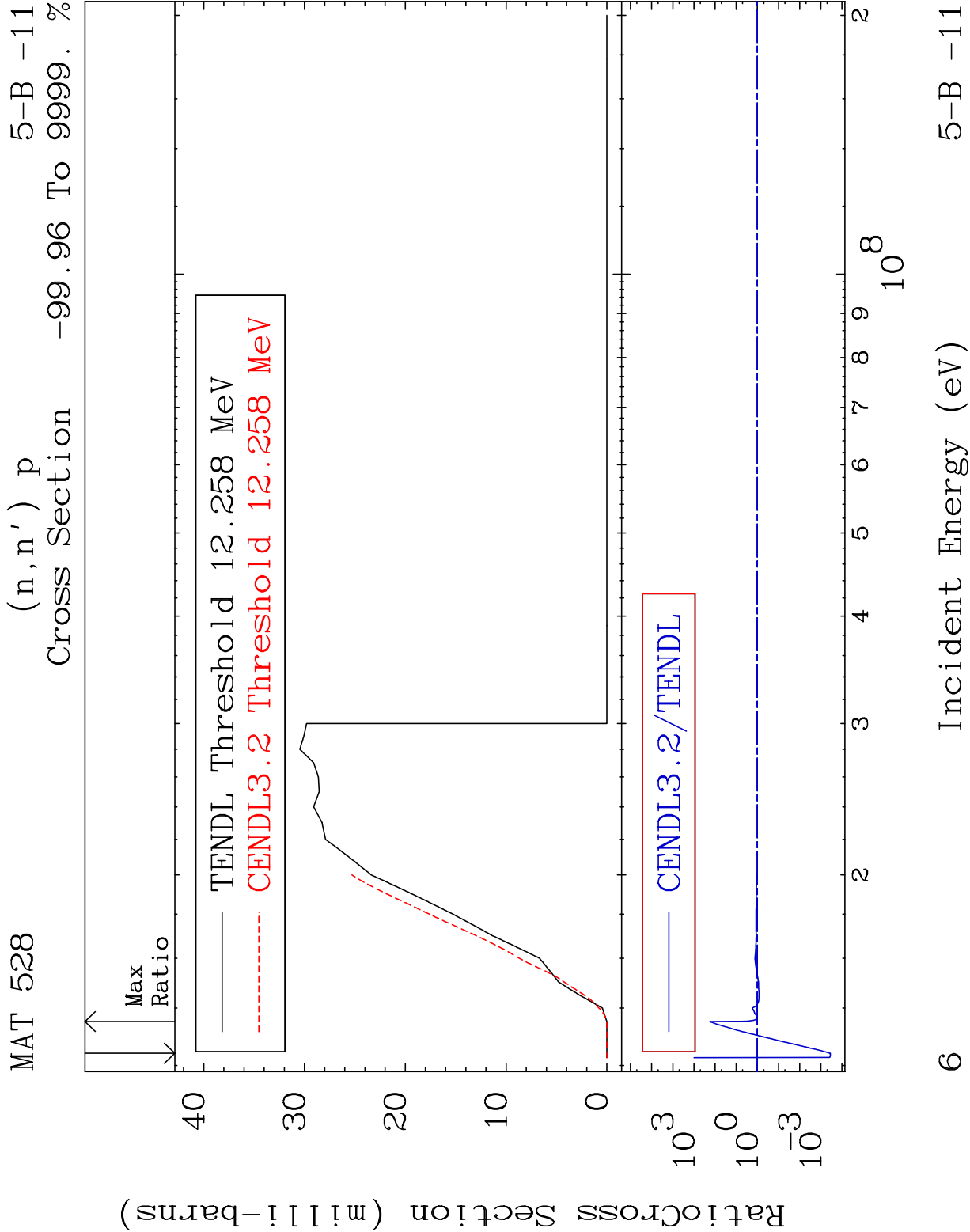
Incident Energy (eV)

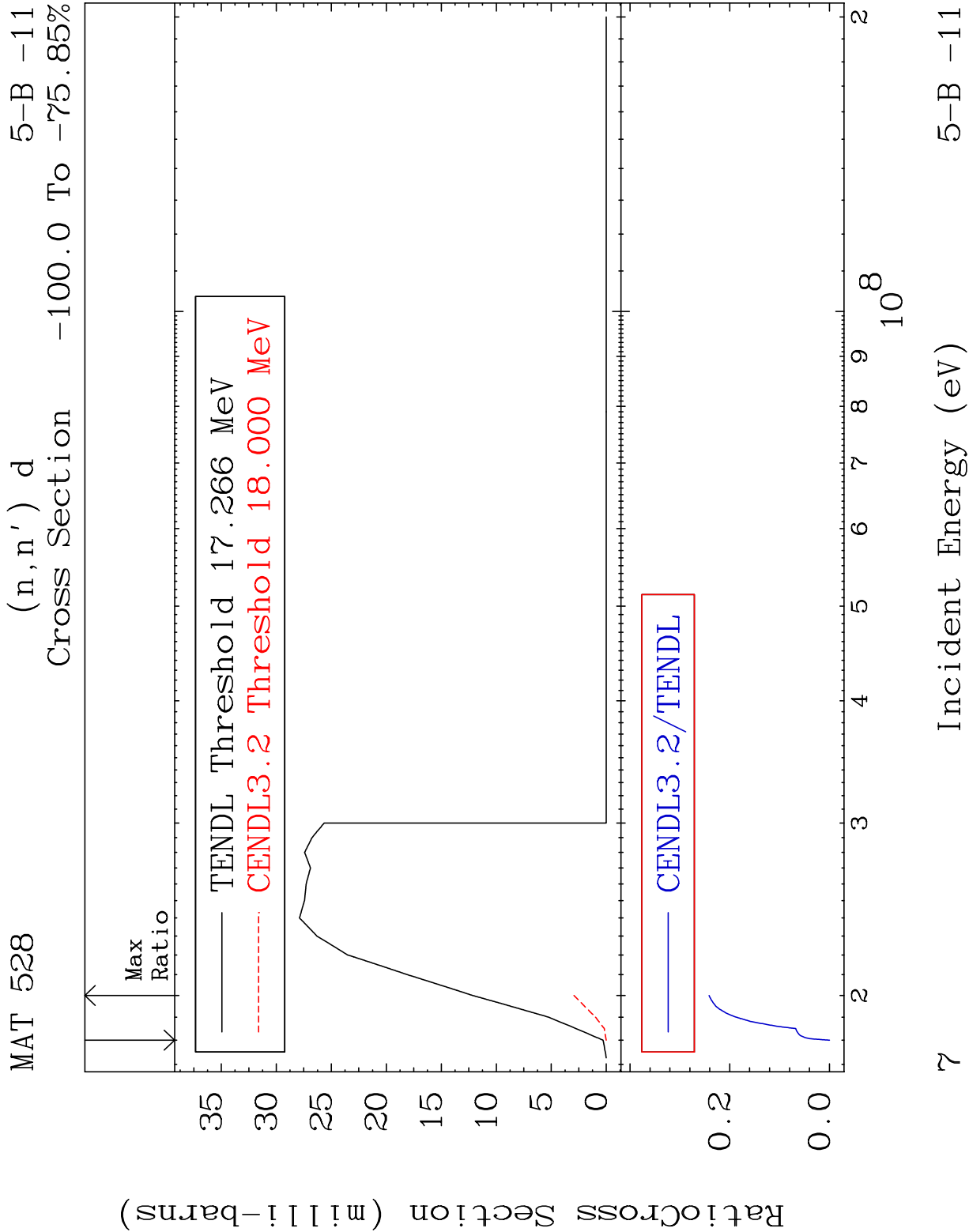
5-B -11

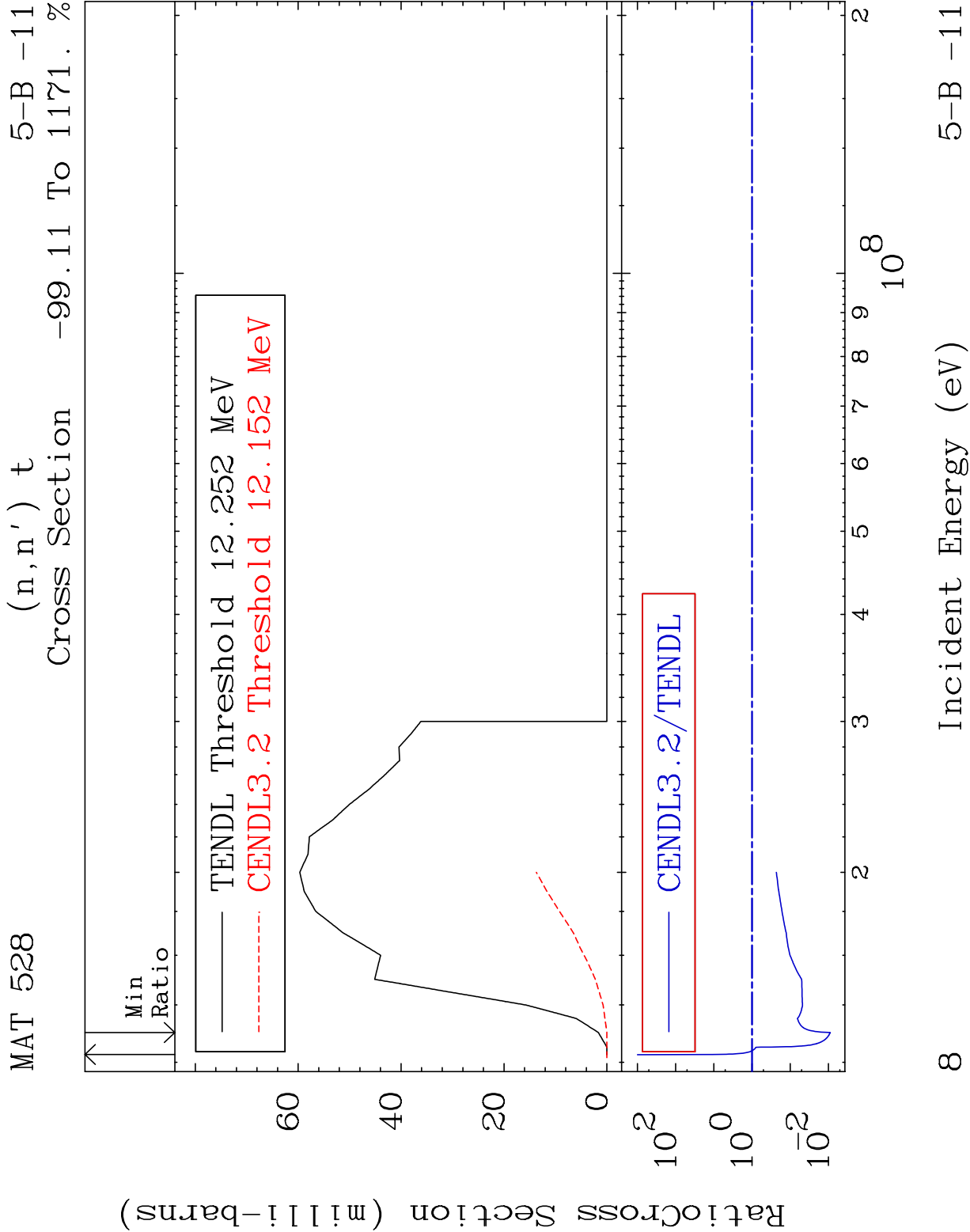












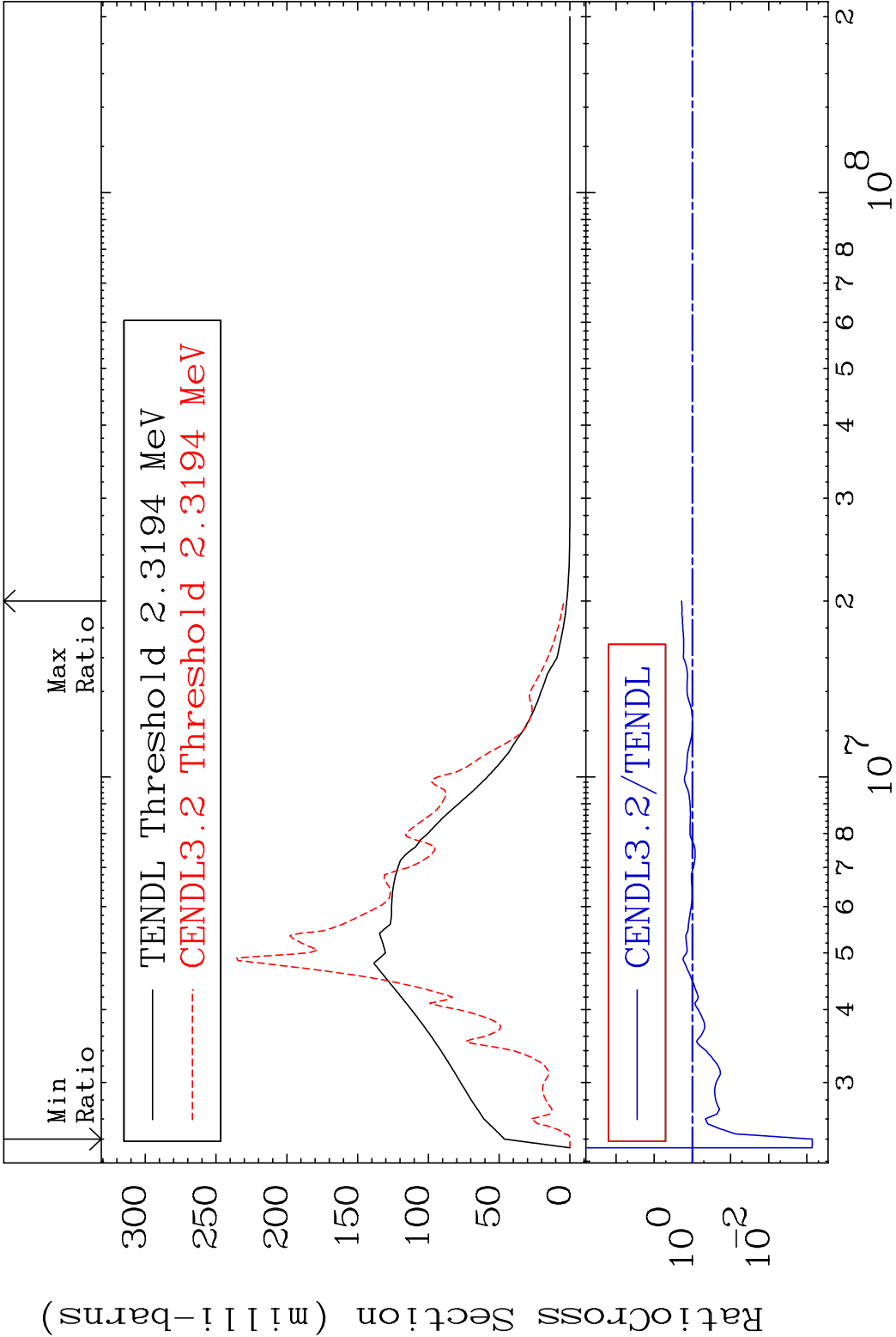
MAT 528

MT= 51 (n,n') Level

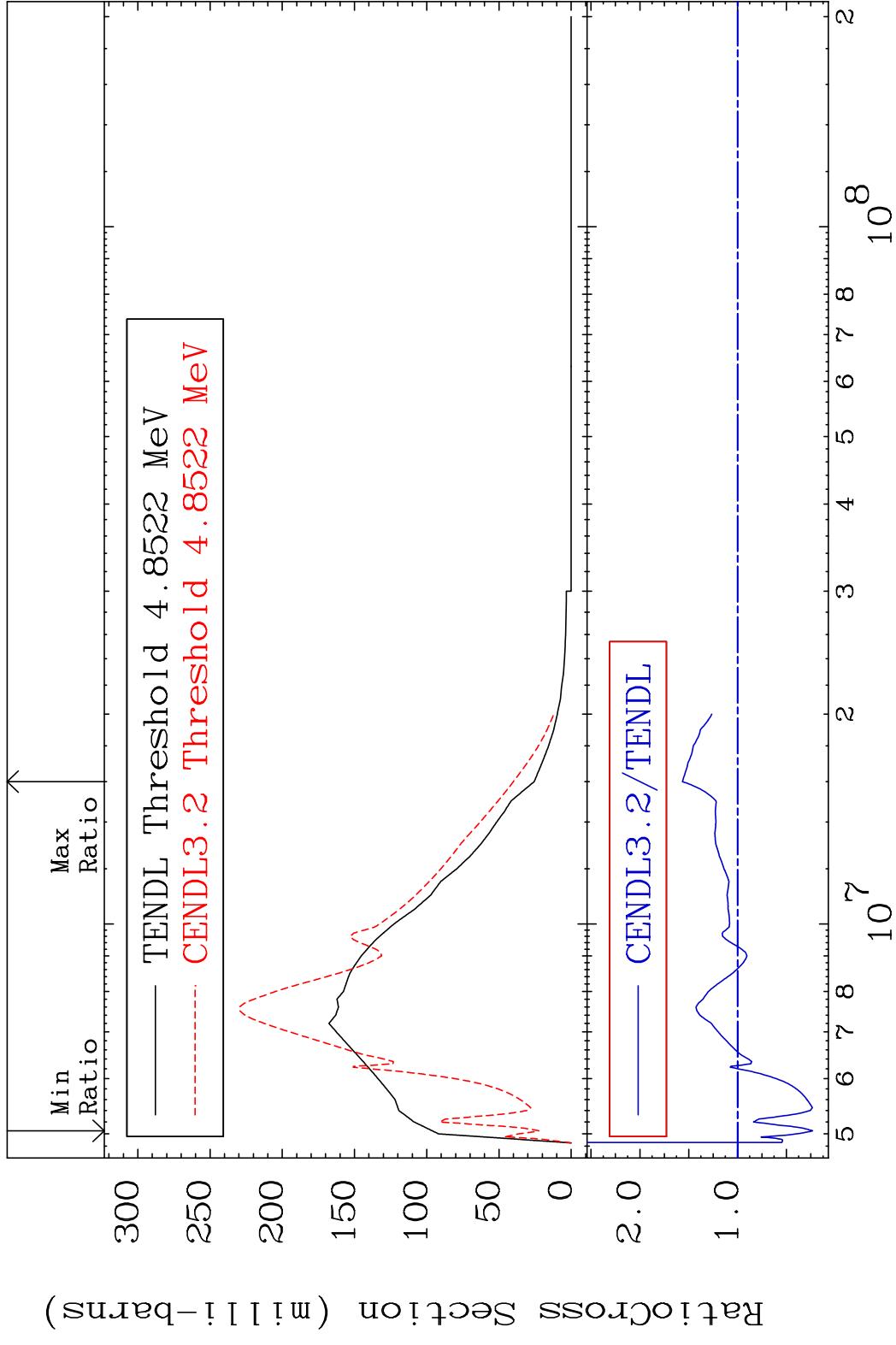
5-B -11

Cross Section

-99.93 To 92.18 %



MAT 528 MT= 52 (n,n') Level 5-B -11
Cross Section -76.80 To 56.50 %



10 Incident Energy (eV) 5-B -11

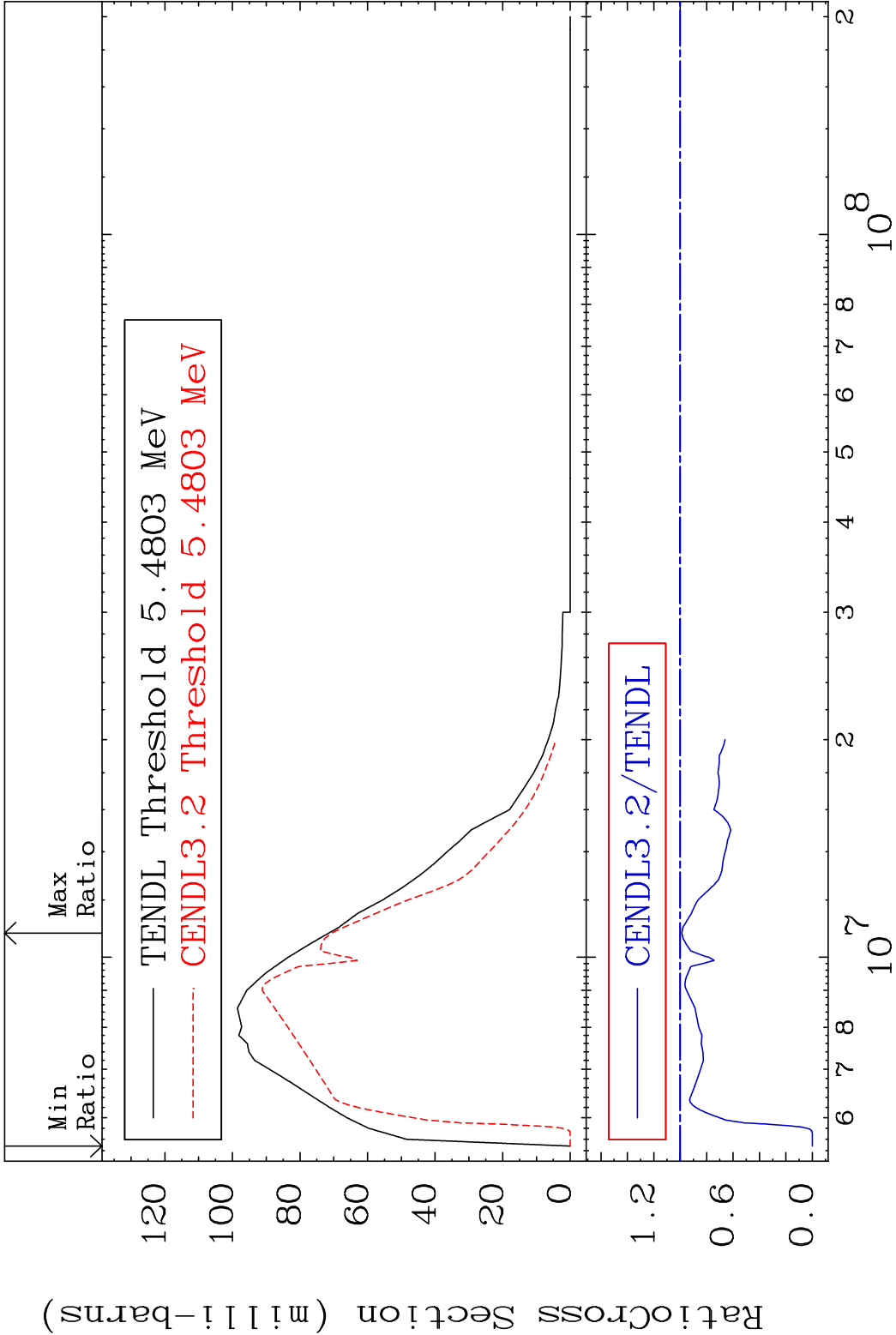
MAT 528

MT= 53 (n,n') Level

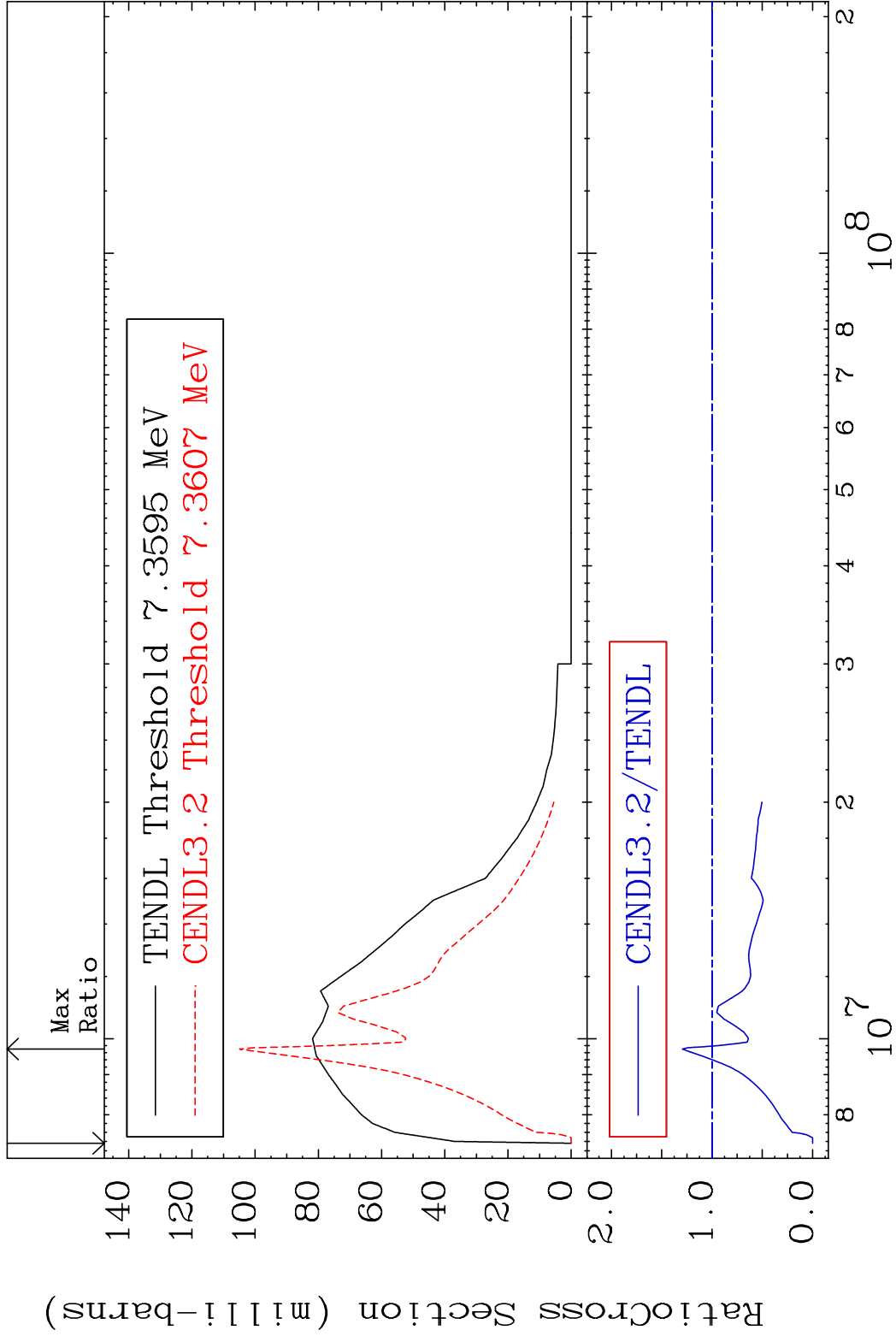
5-B -11

Cross Section

-100.0 To -1.147%

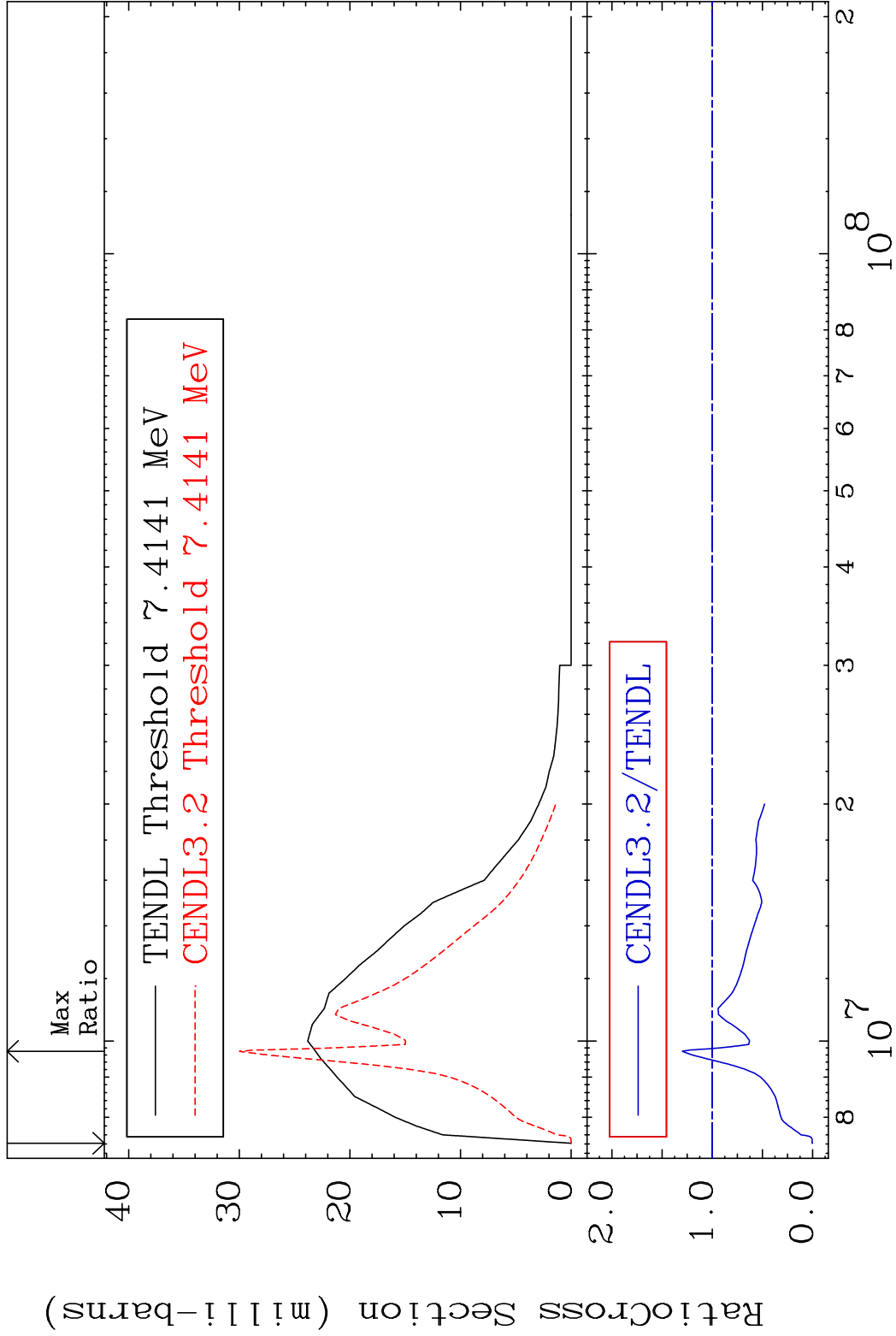


MAT 528 MT= 54 (n,n') Level 5-B -11
Cross Section -100.0 To 29.47 %



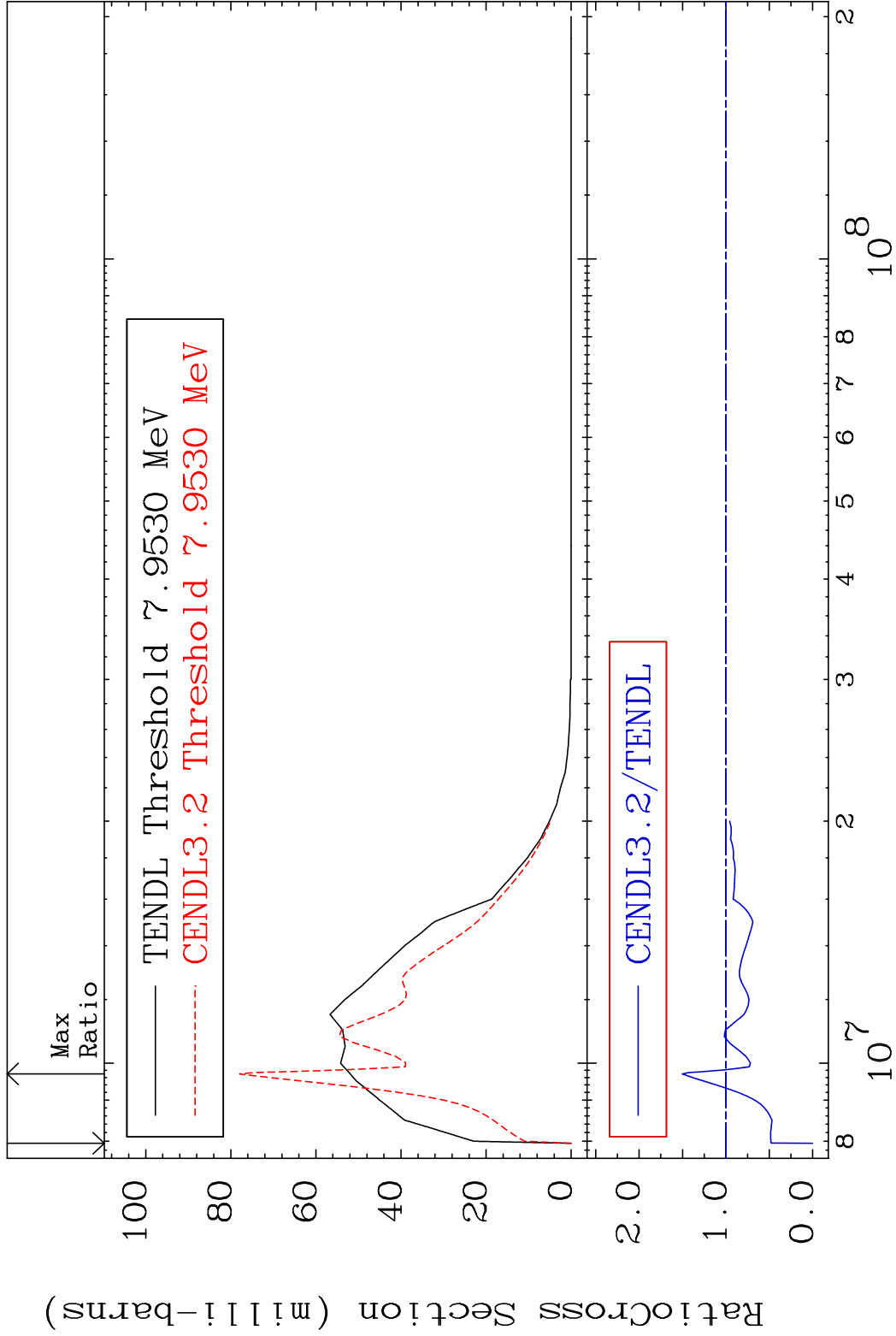
12 Incident Energy (eV) 5-B -11

MAT 528 MT= 55 (n,n') Level 5-B -11
Cross Section -100.0 To 29.82 %

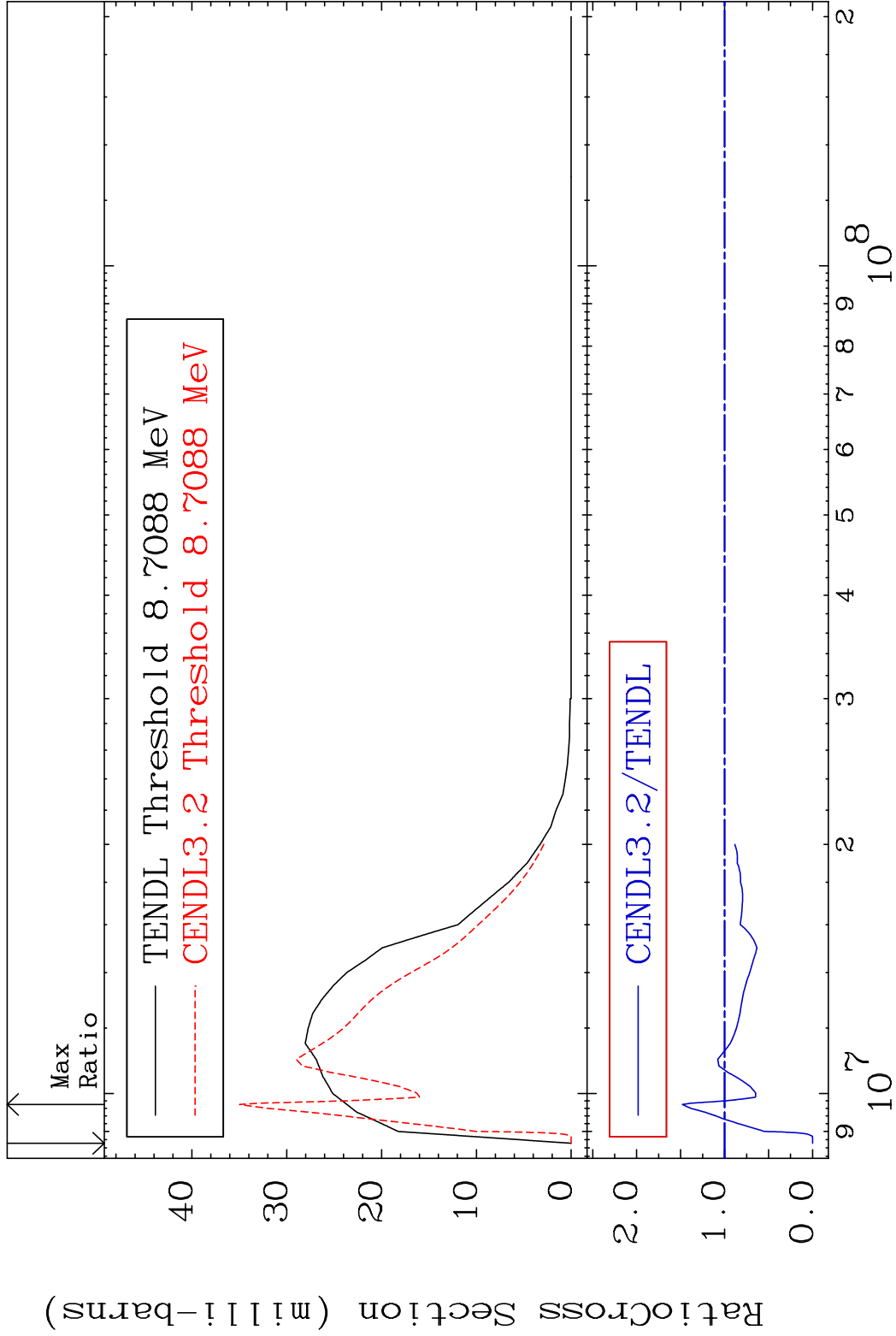


13 Incident Energy (eV) 5-B -11

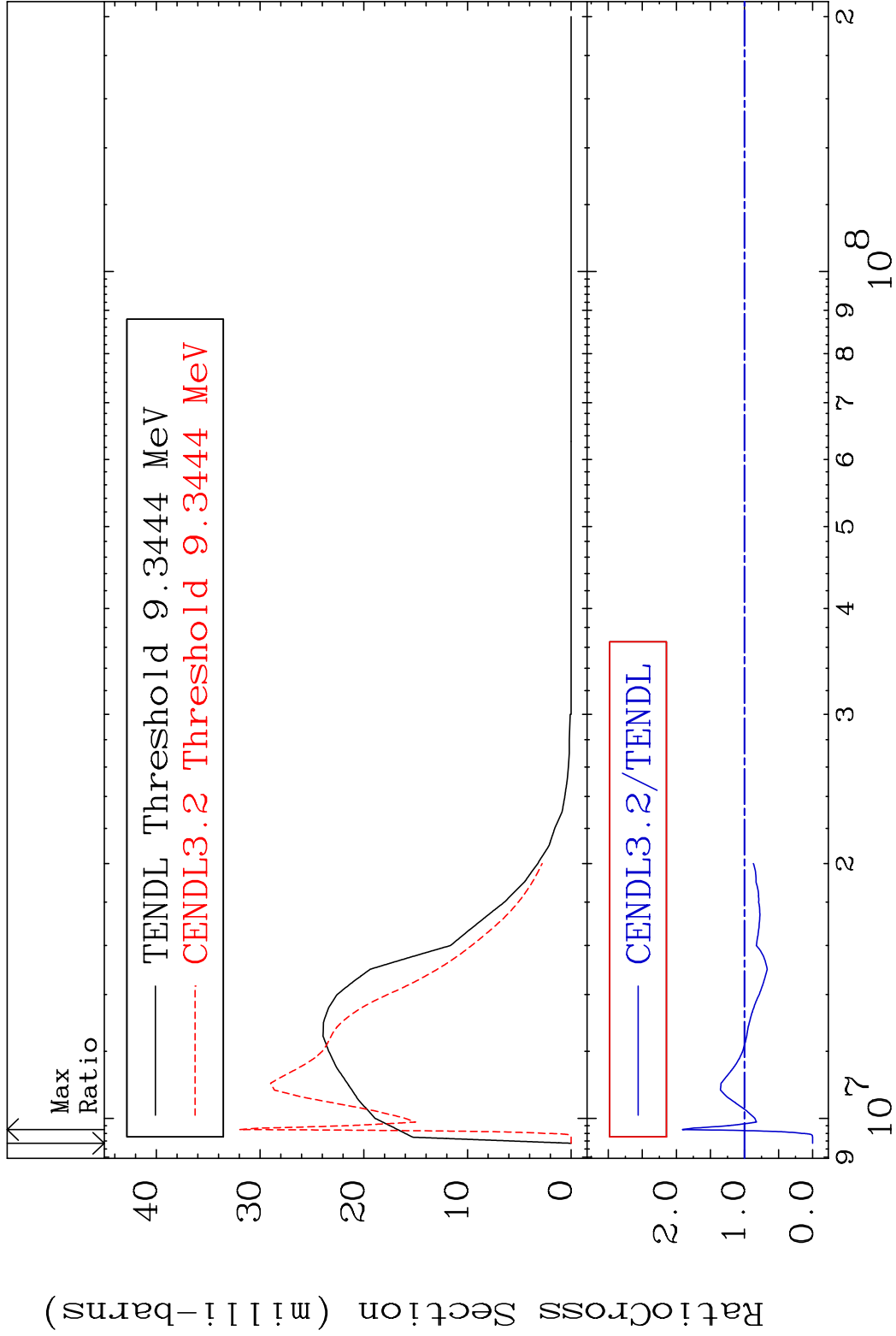
MAT 528 MT= 56 (n,n') Level 5-B -11
Cross Section -100.0 To 50.18 %



MAT 528 MT= 57 (n,n') Level 5-B -11
Cross Section -100.0 To 48.04 %

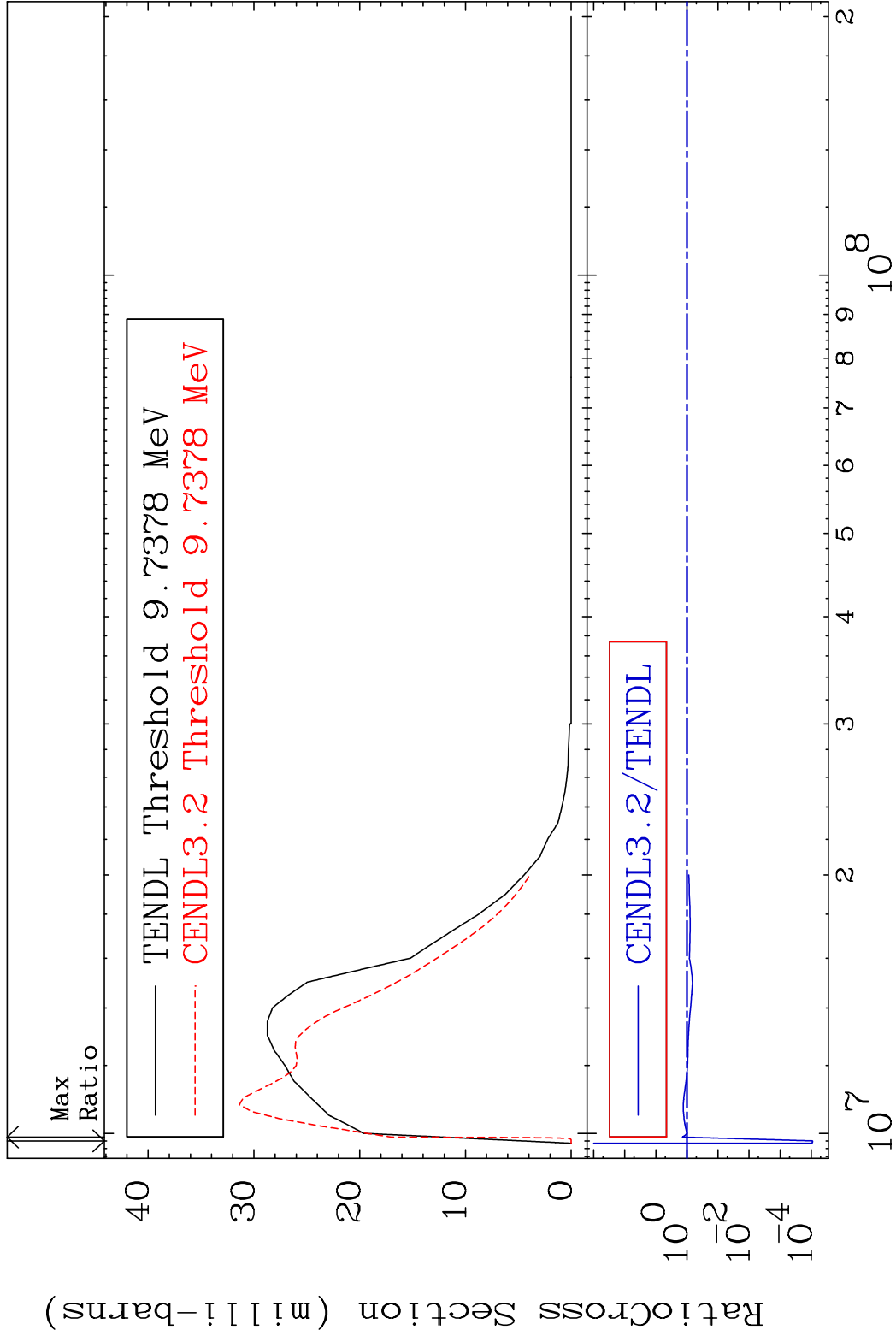


MAT 528 MT= 58 (n,n') Level 5-B -11
Cross Section -100.0 To 91.24 %



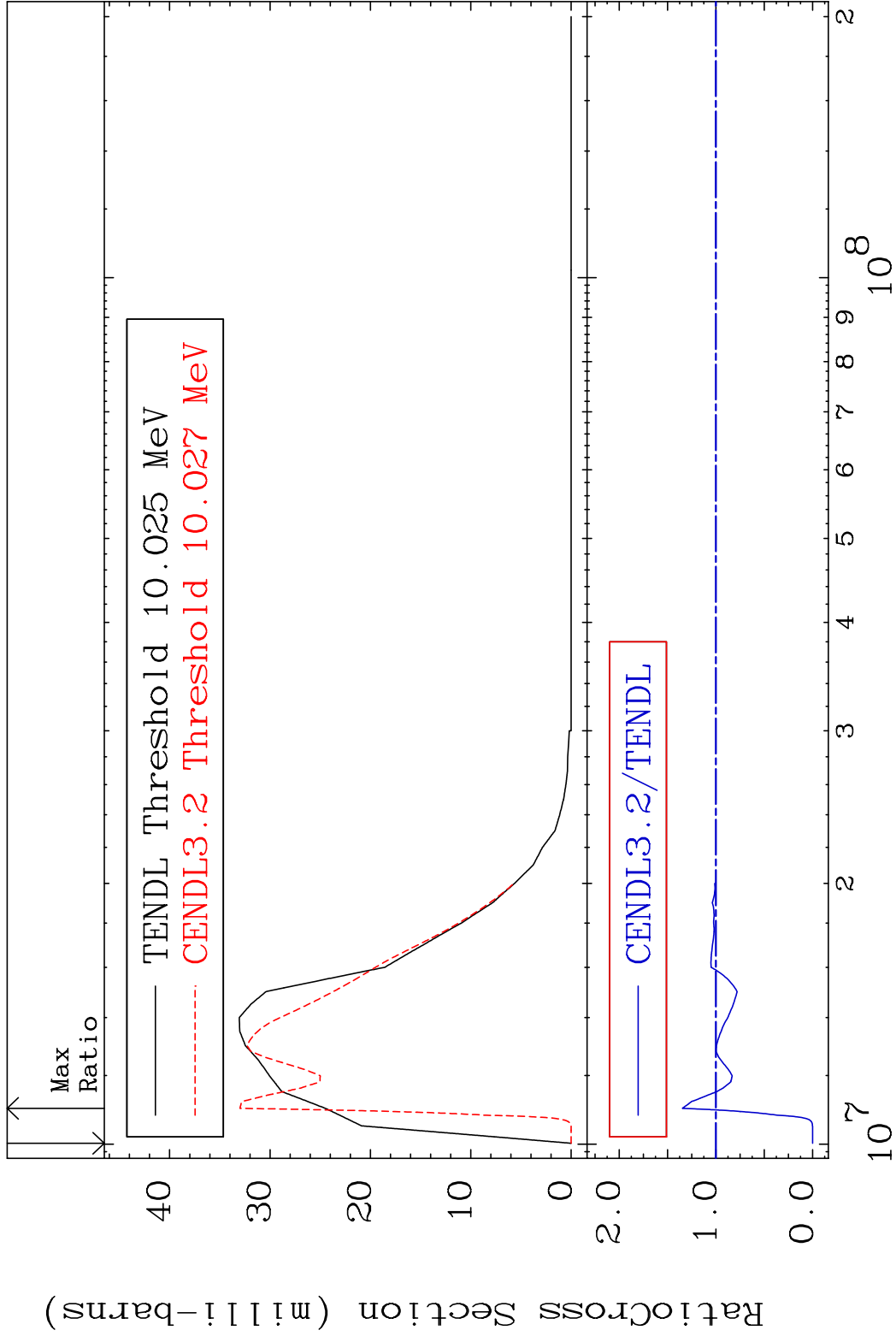
16 Incident Energy (eV) 5-B -11

MAT 528 MT= 59 (n,n') Level 5-B -11
Cross Section -99.99 To 40.13 %

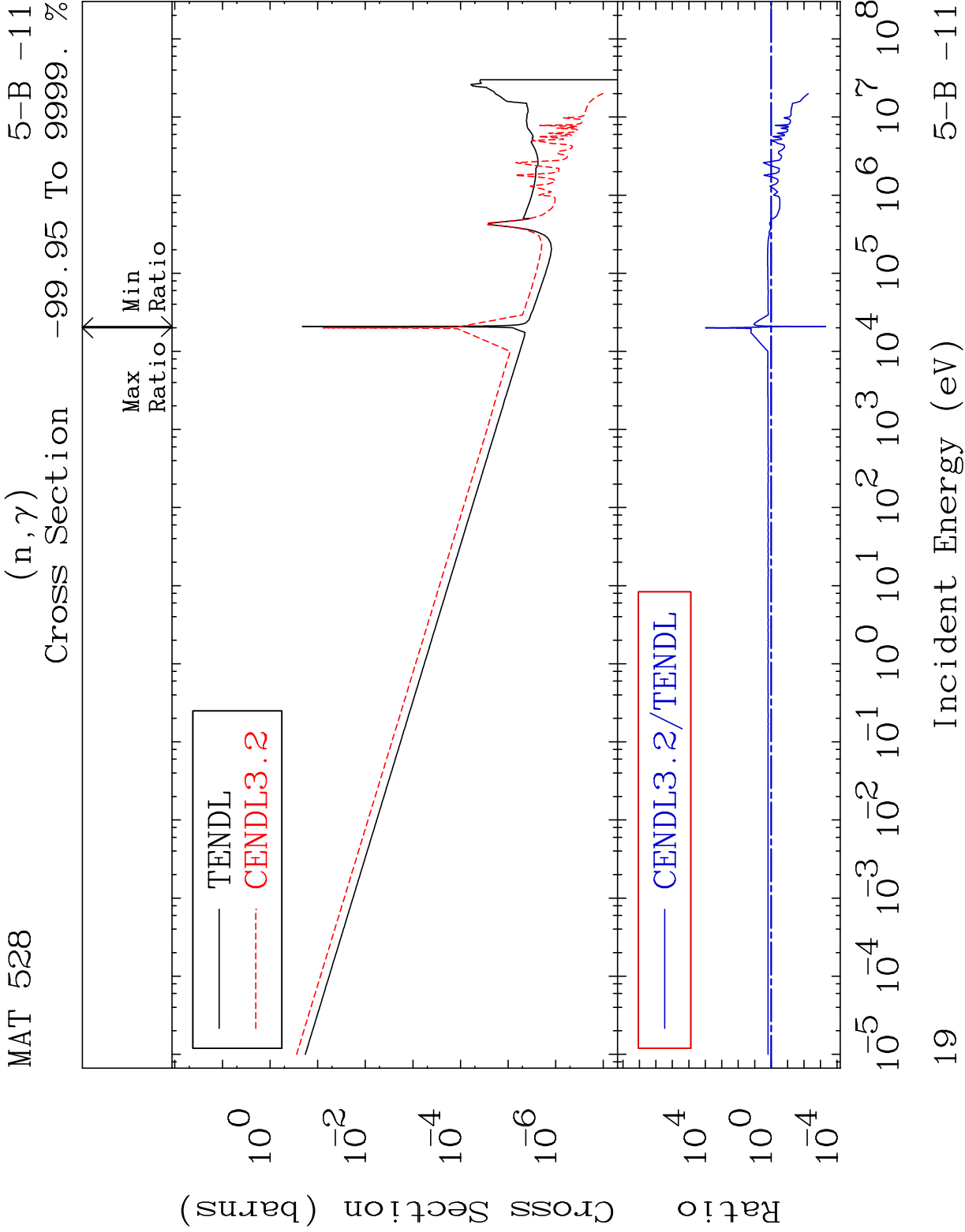


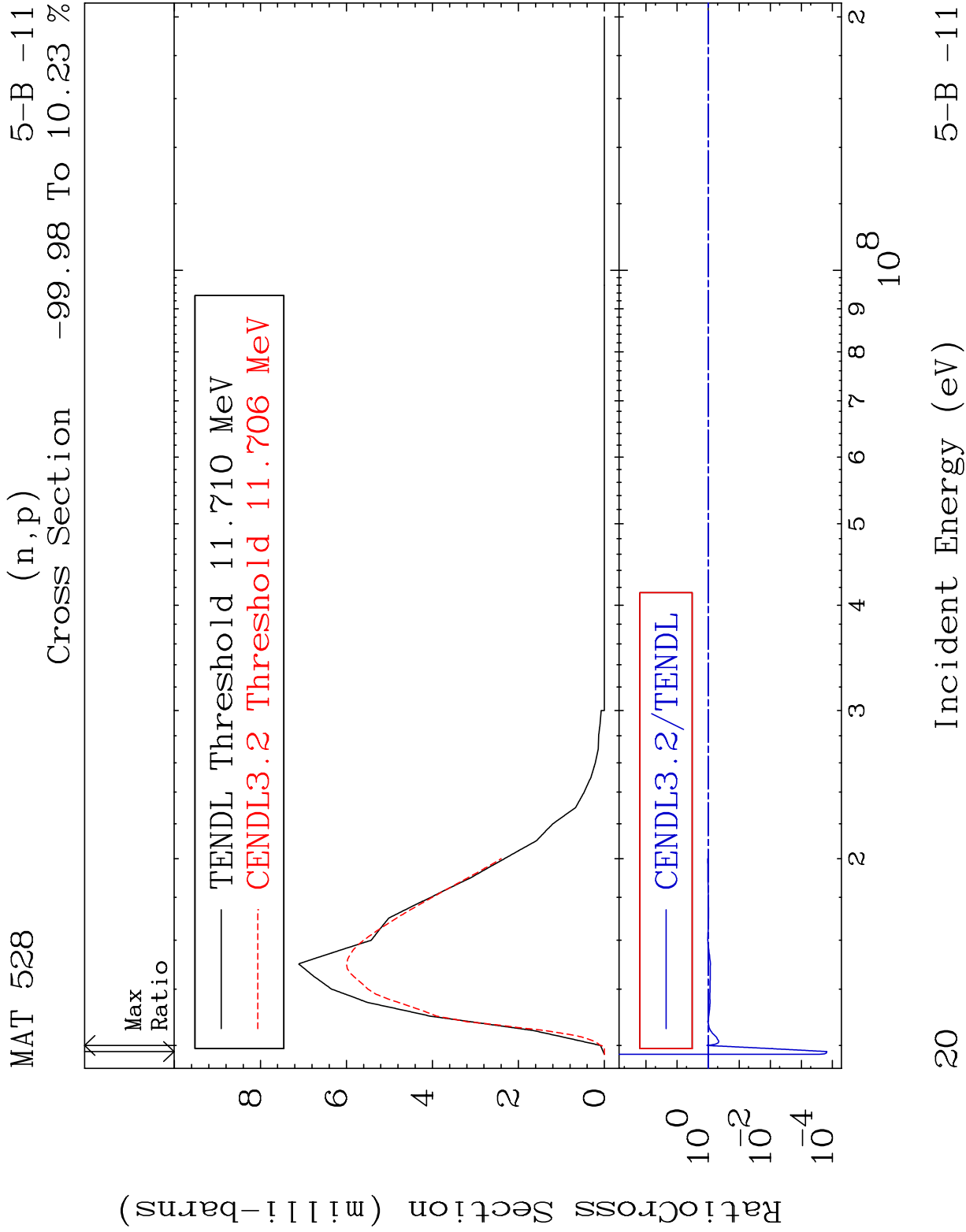
17 Incident Energy (eV) 5-B -11

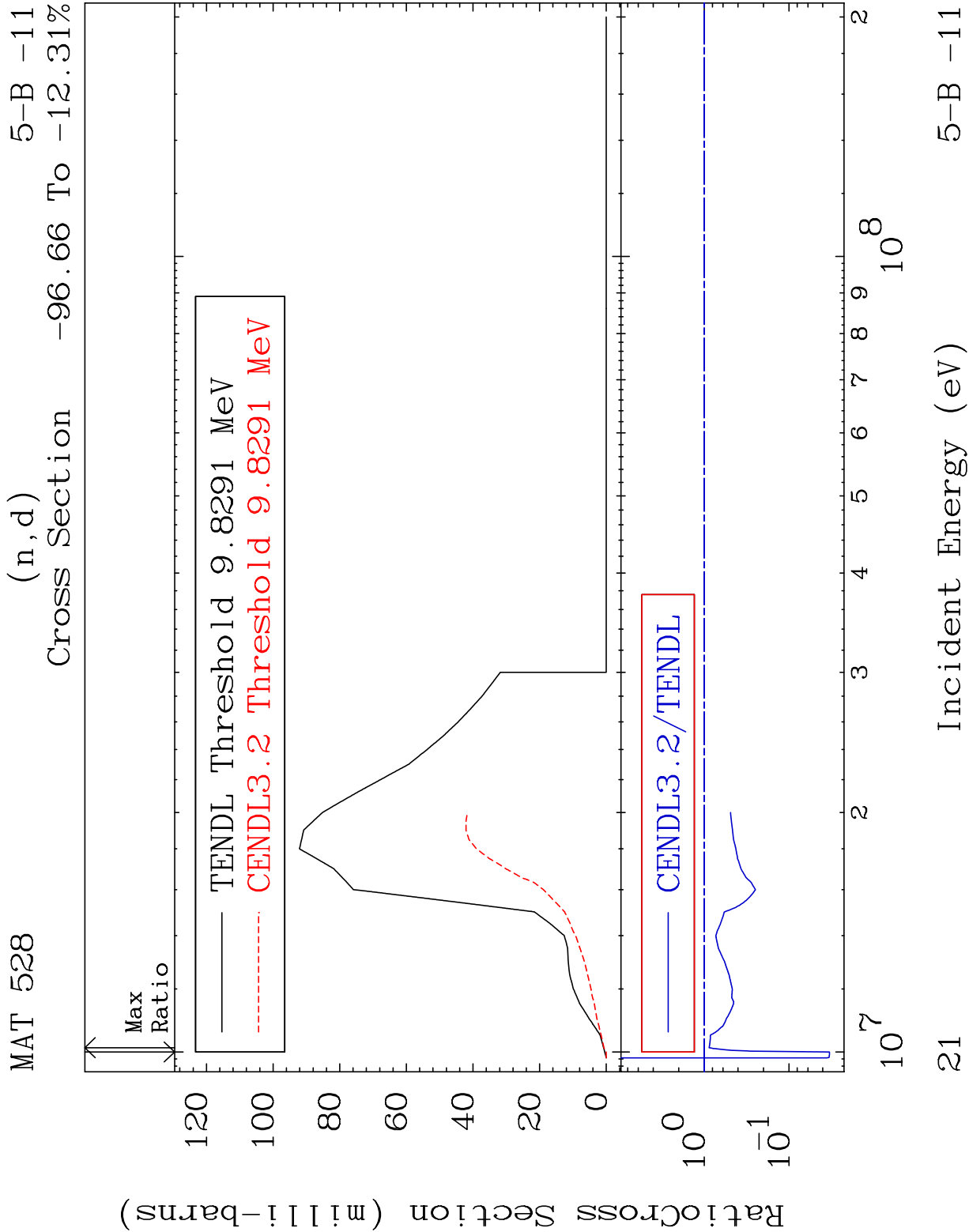
MAT 528 MT= 60 (n,n') Level 5-B -11
Cross Section -100.0 To 34.75 %

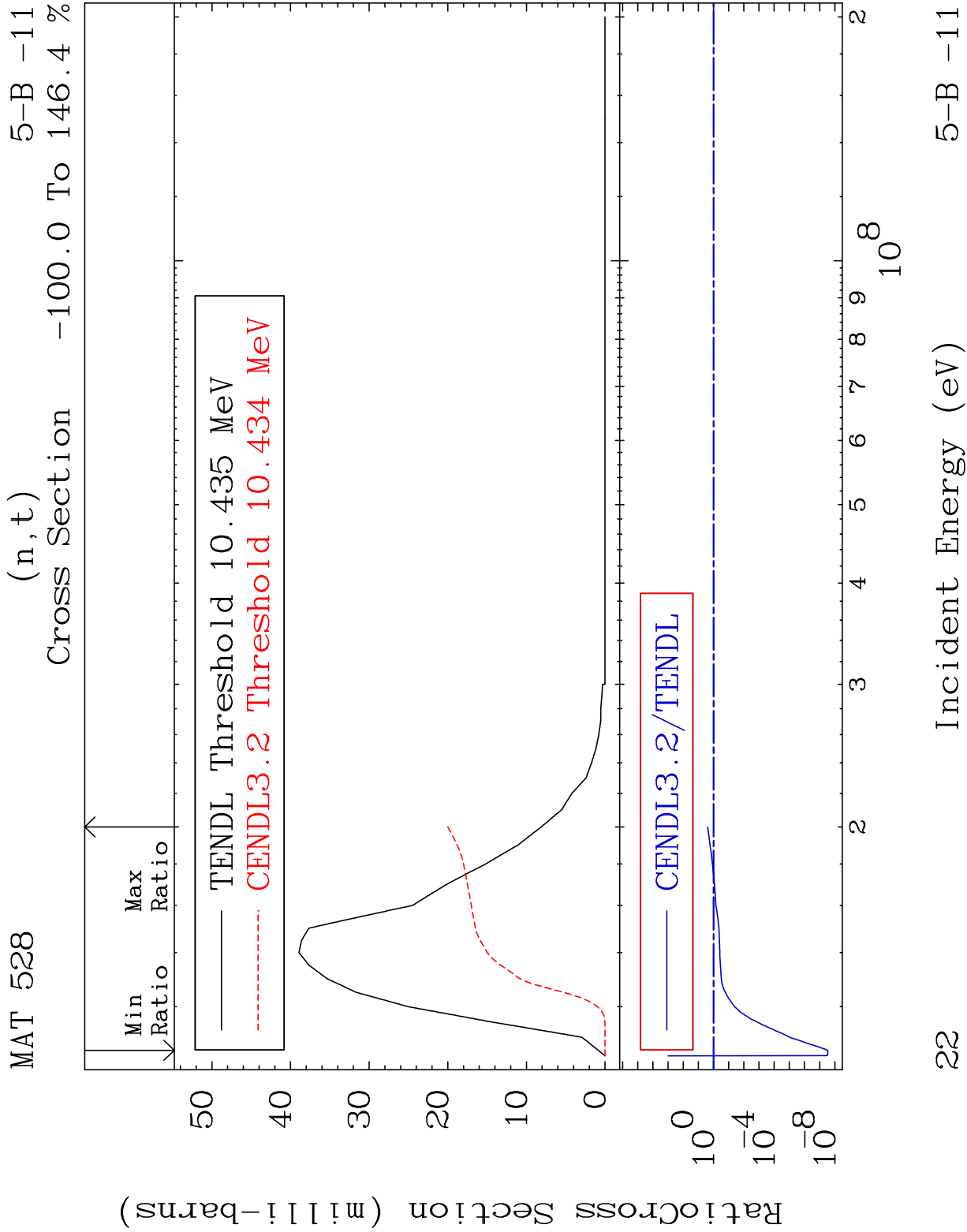


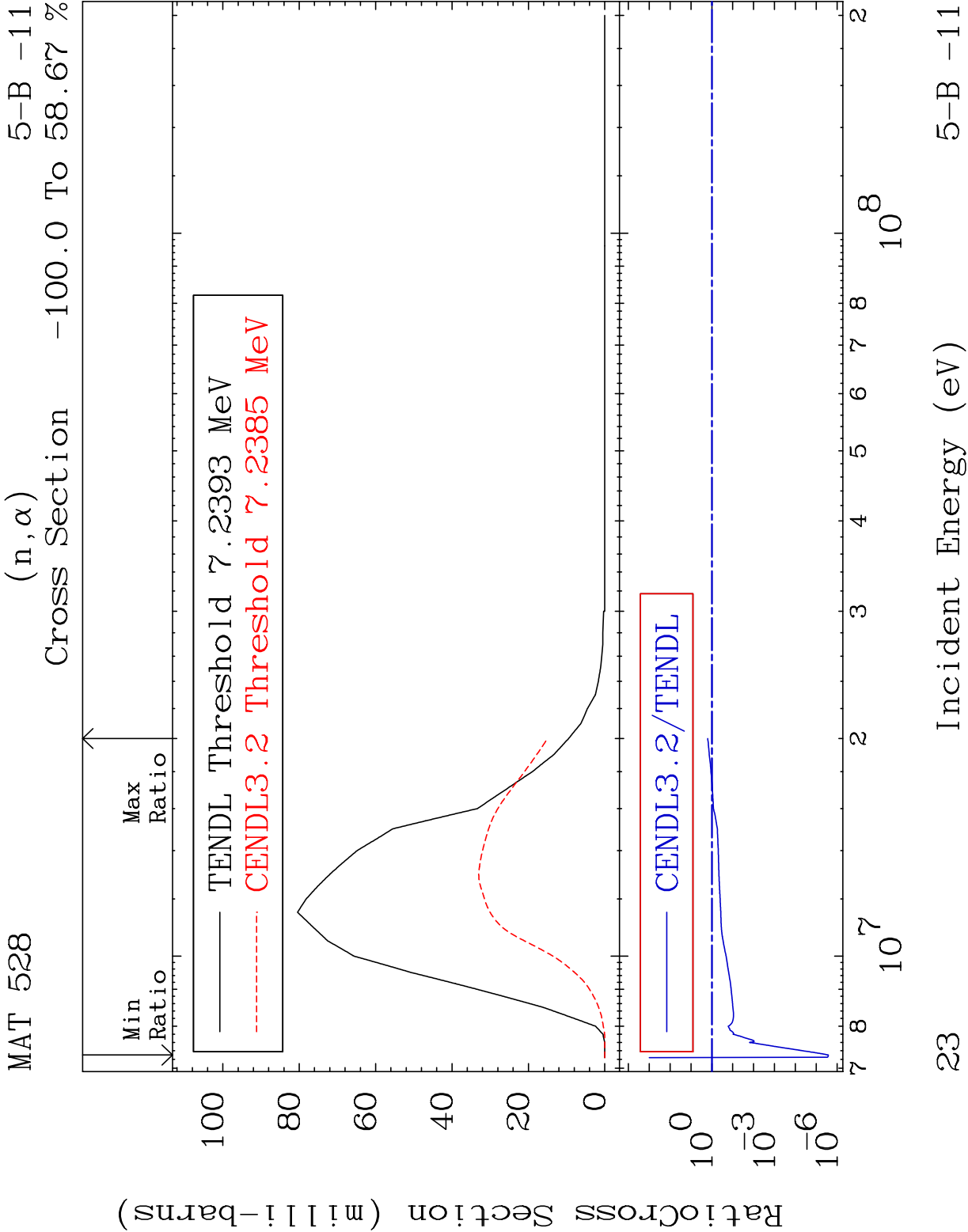
18 Incident Energy (eV) 5-B -11

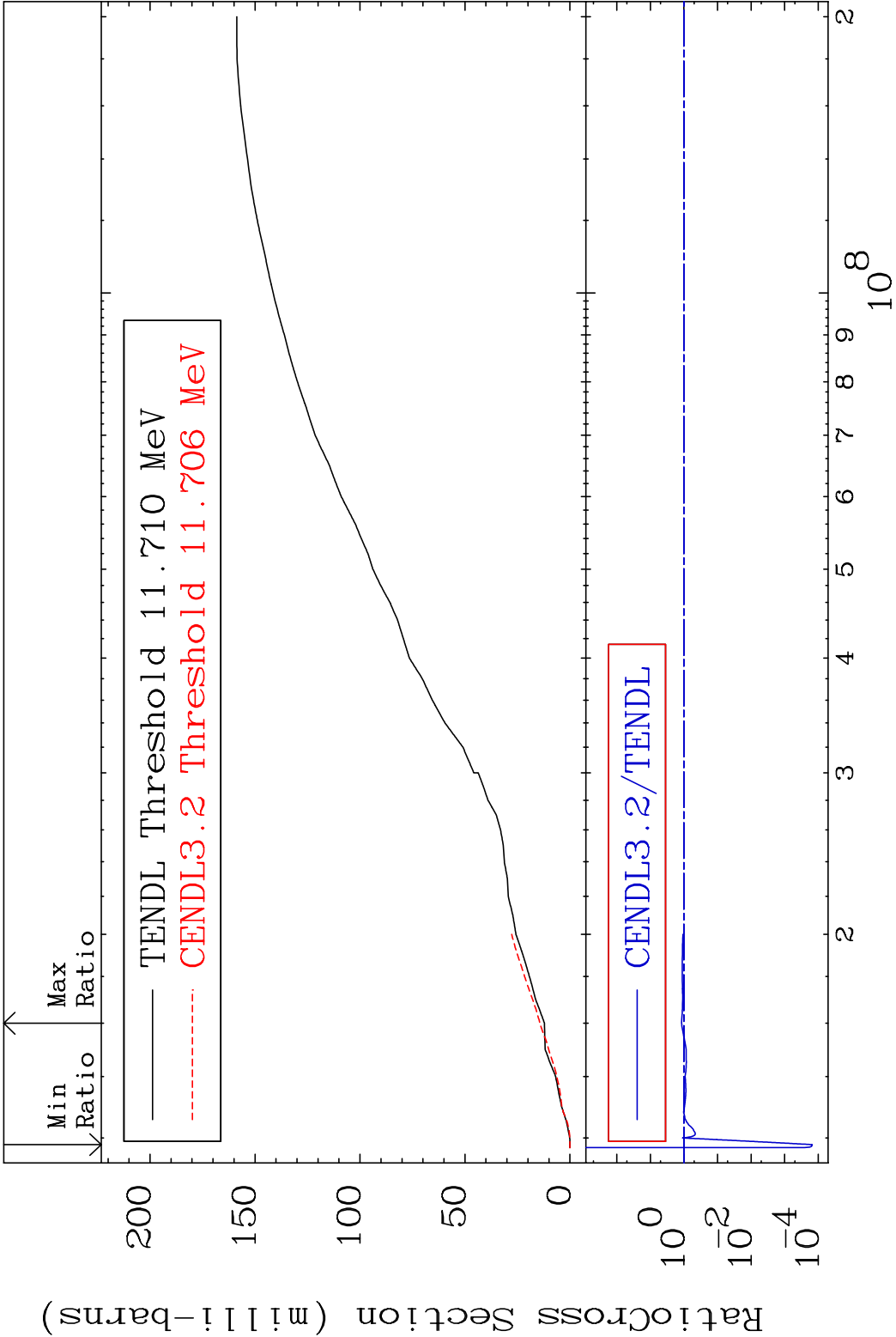


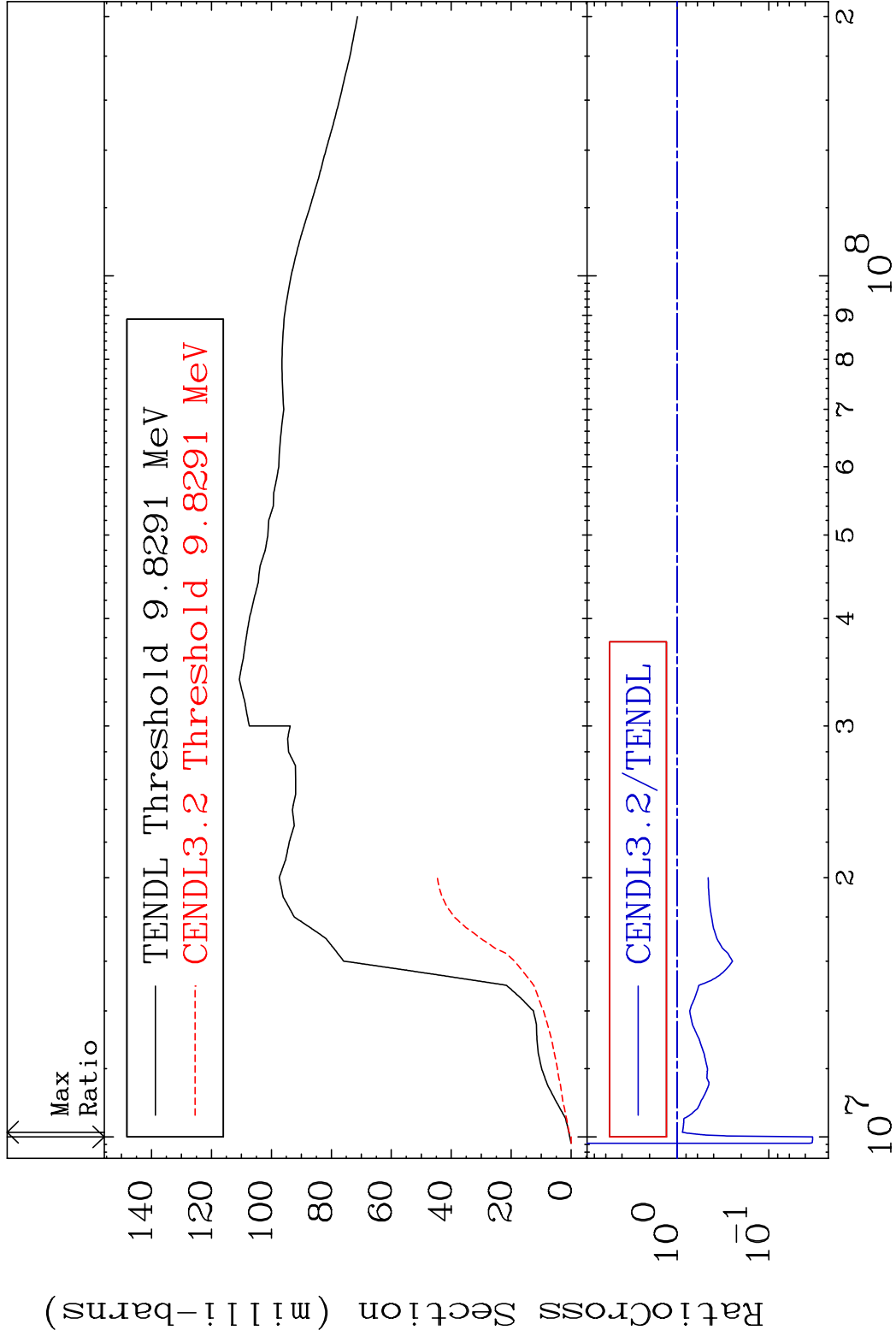


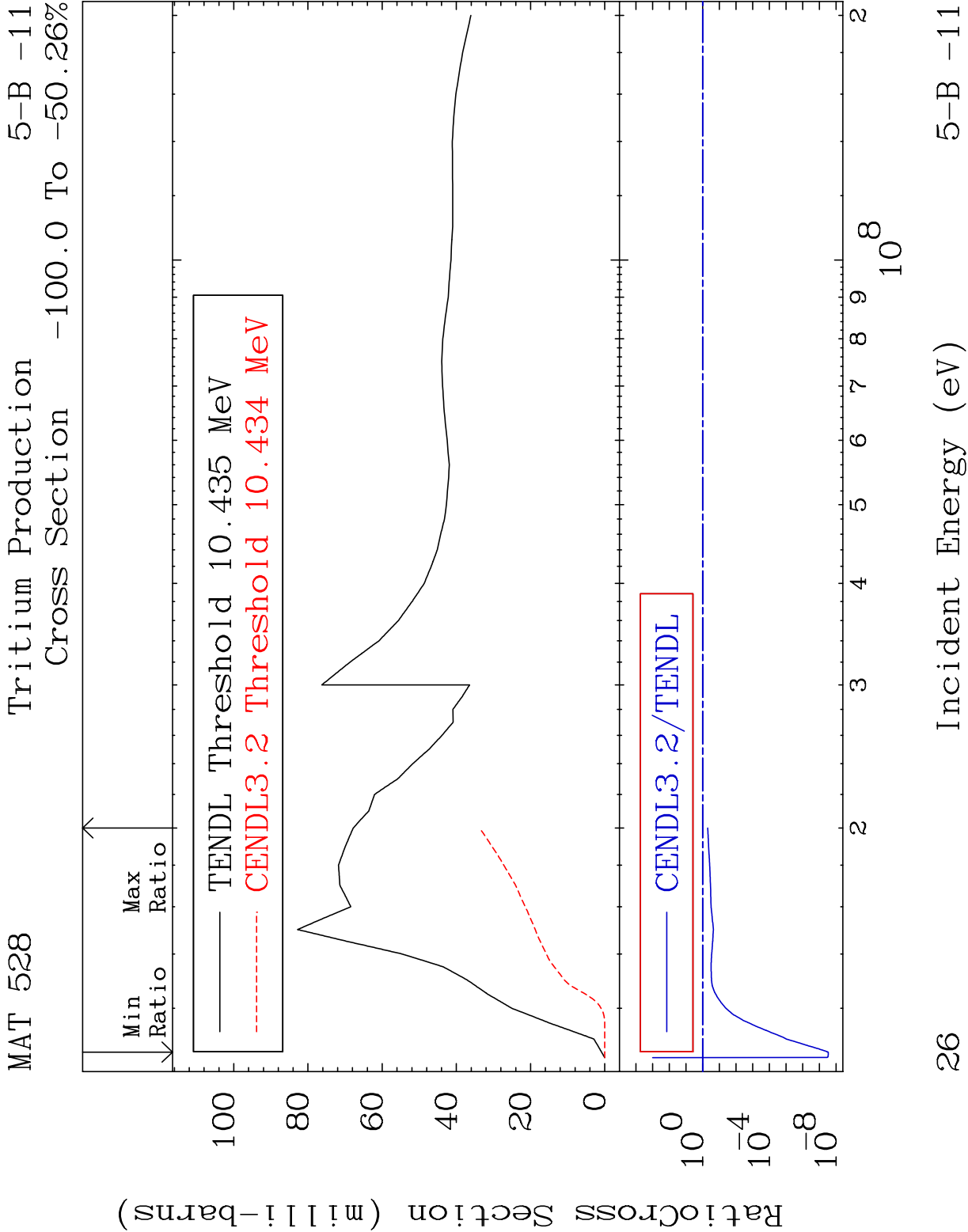


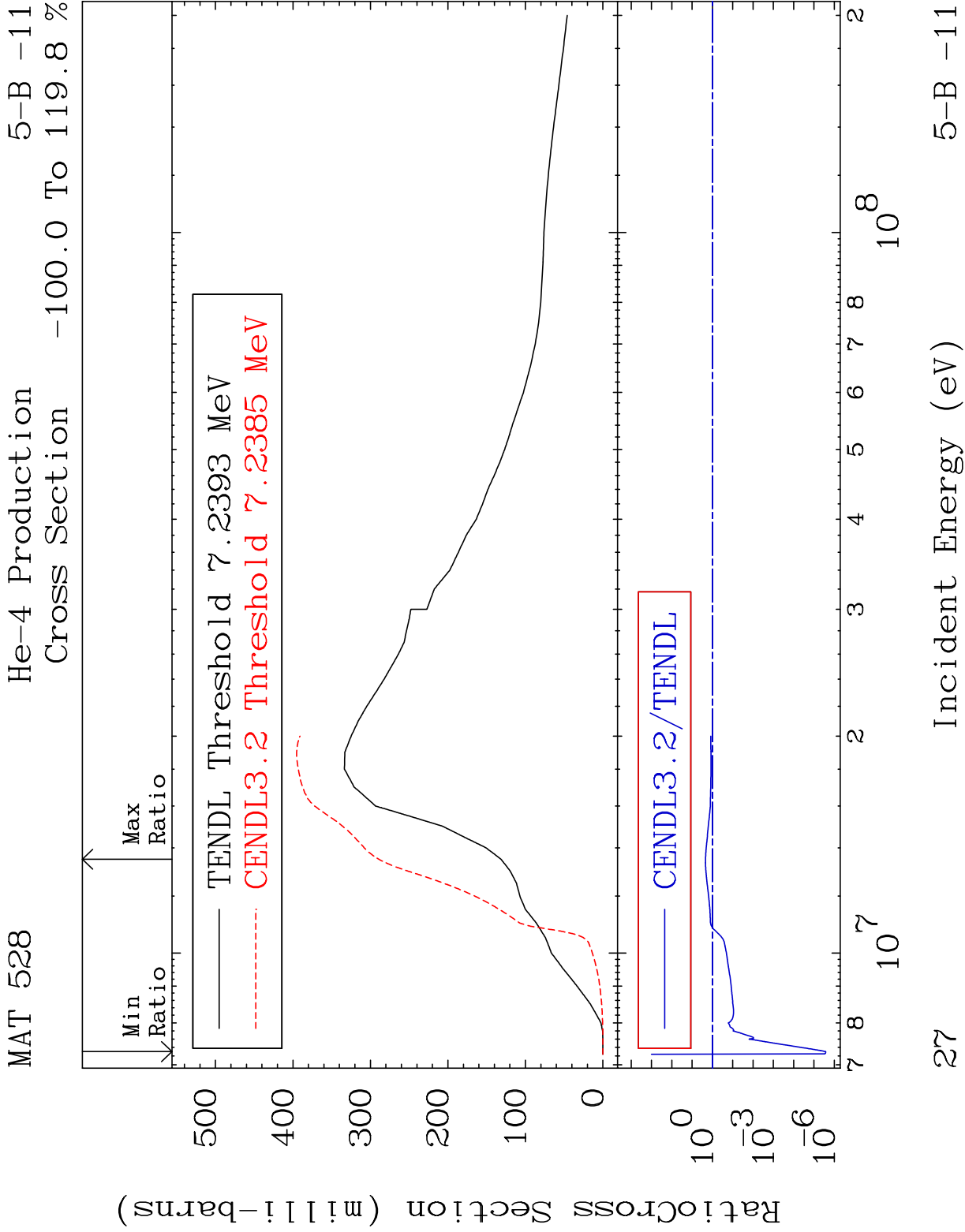


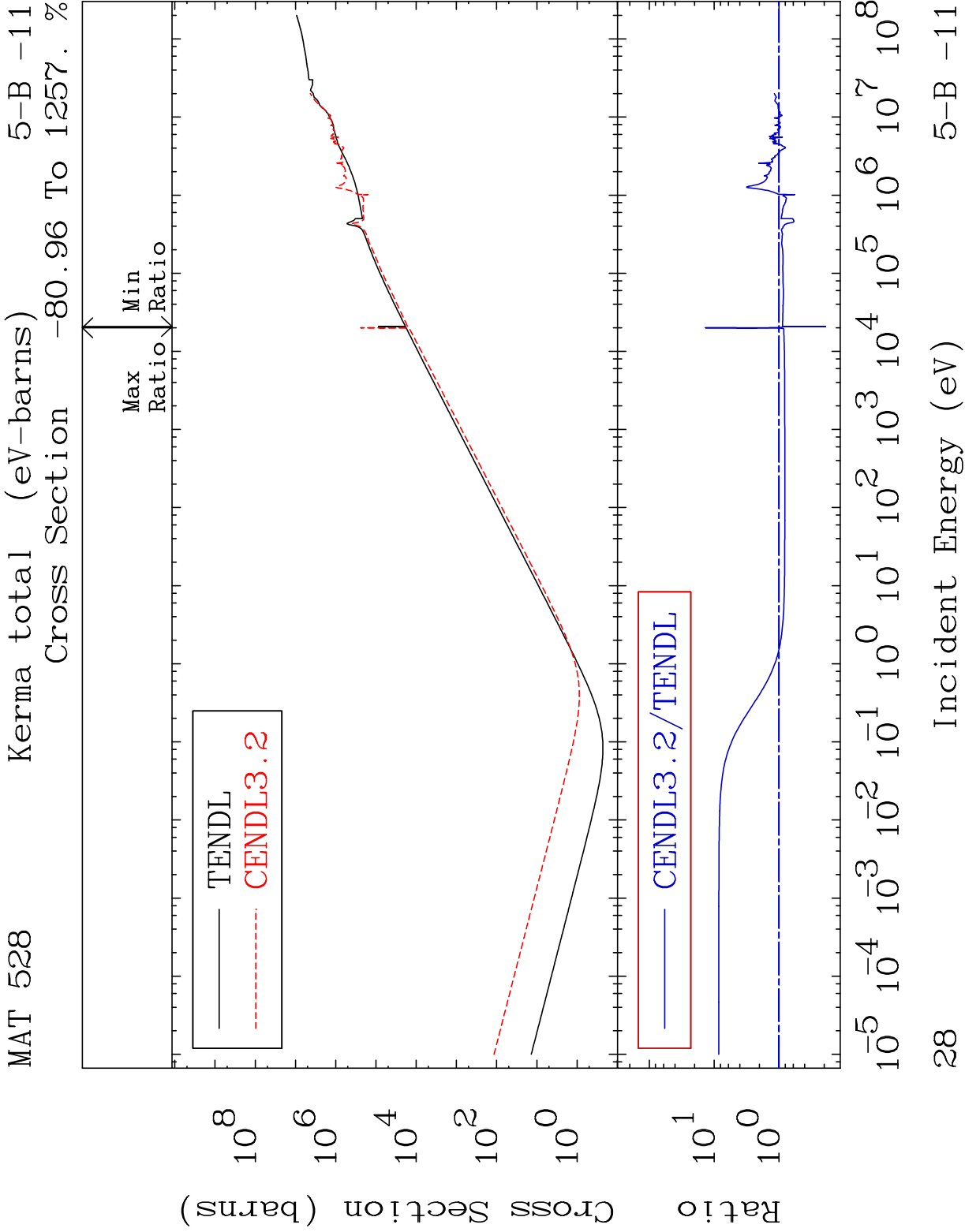




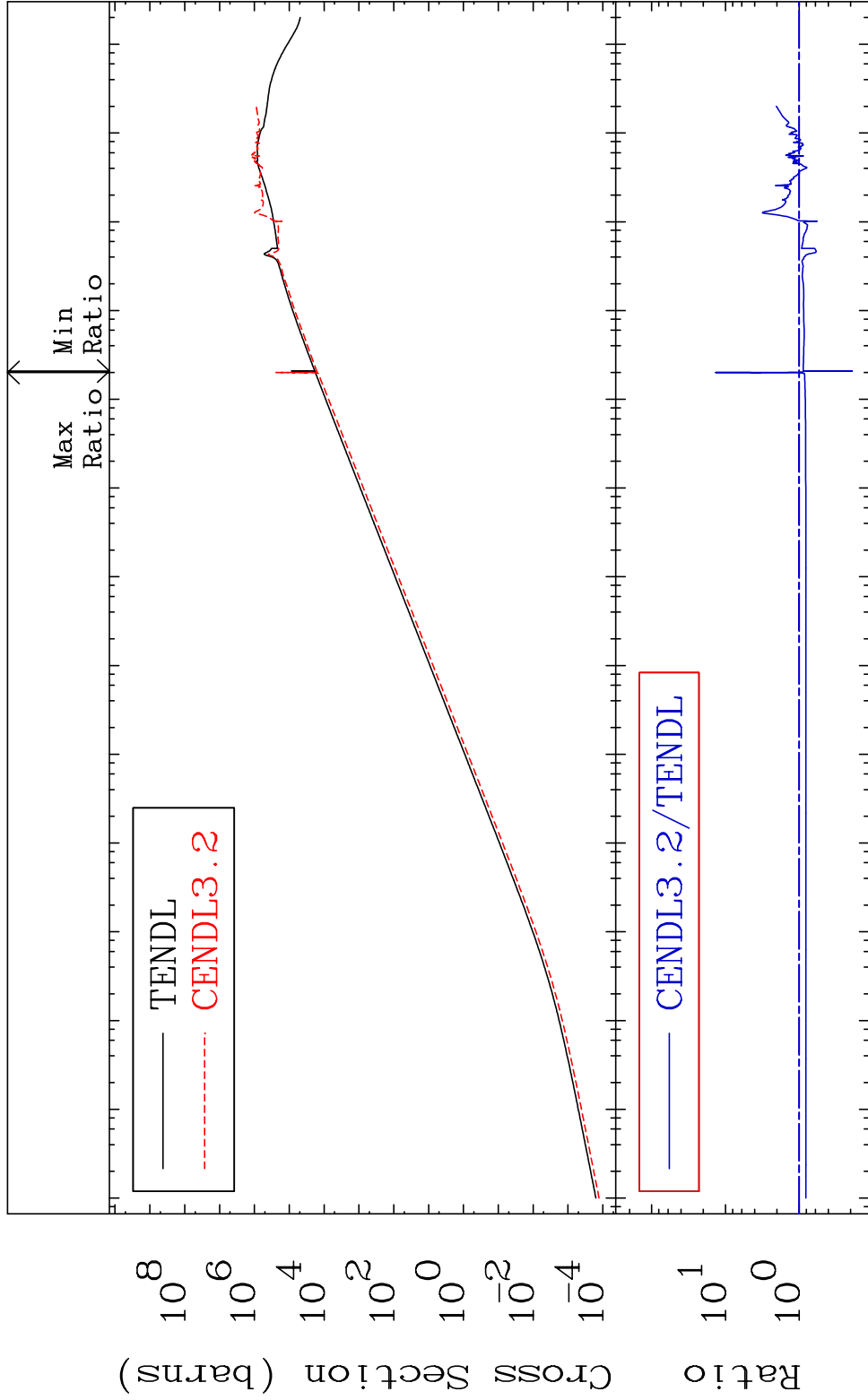








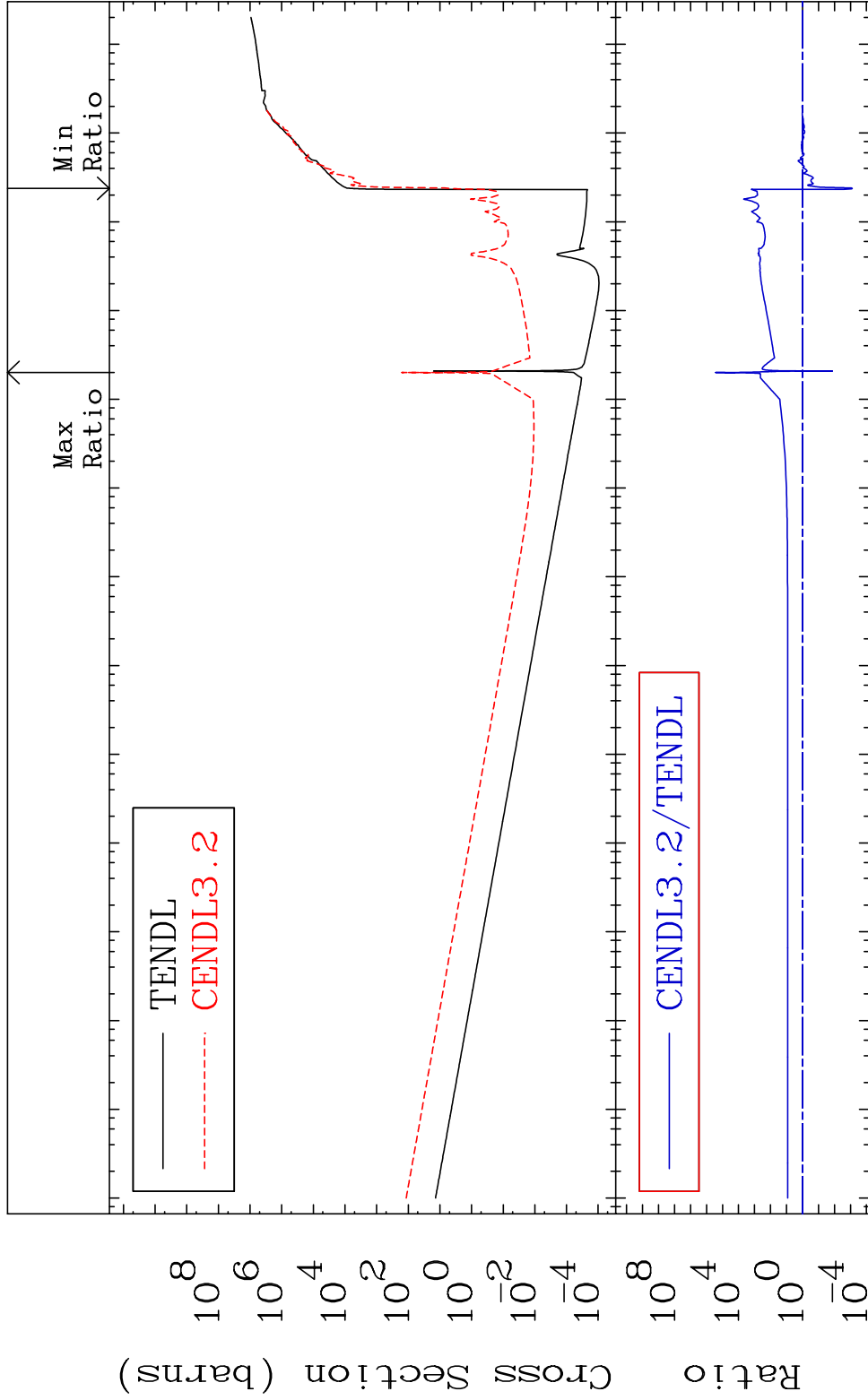
MAT 528 Kerma elastic 5-B -11
Cross Section -80.95 To 1256. %



29 Incident Energy (eV) 5-B -11

MAT 528 Kerma non-elastic (all but mt2) 5-B -11

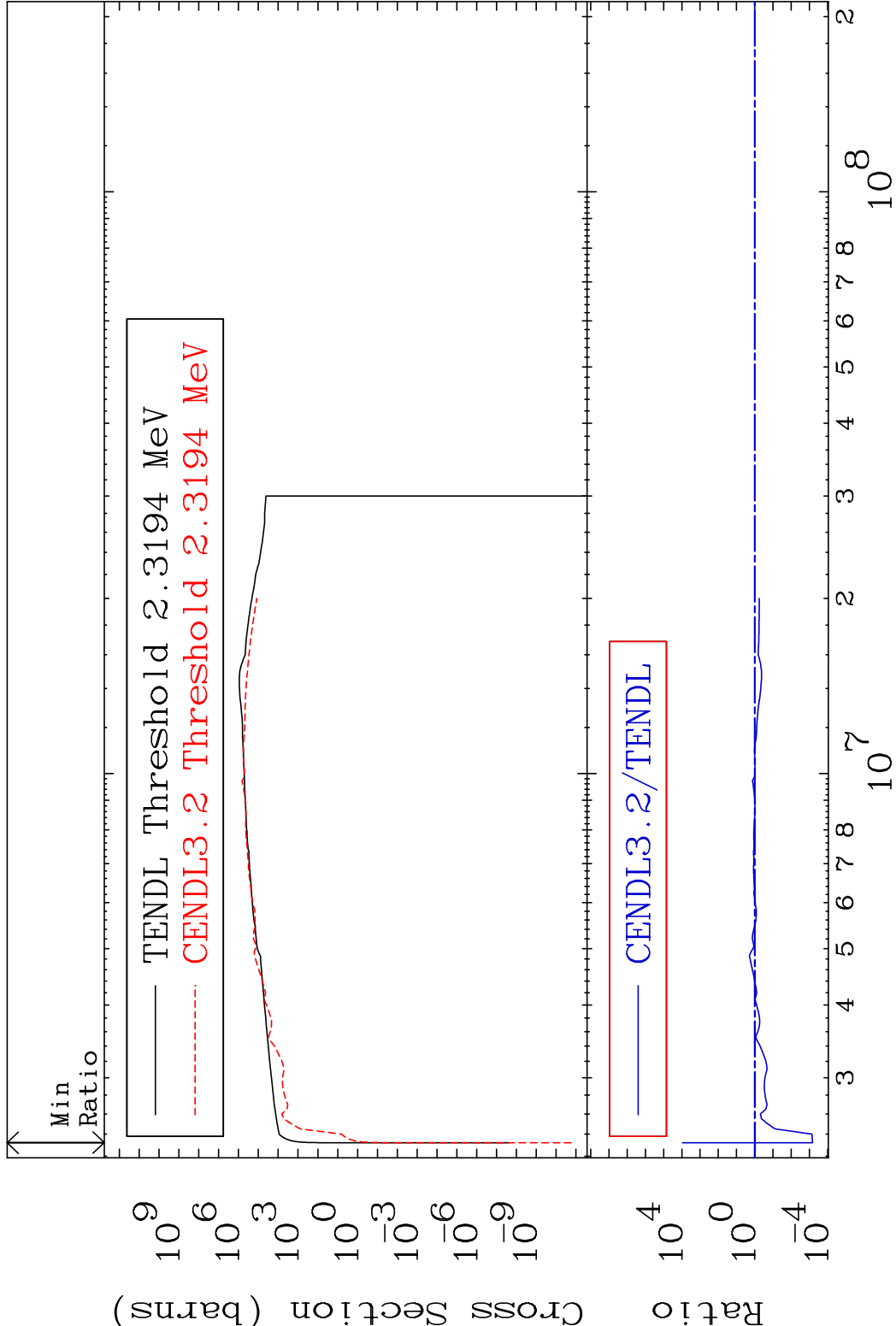
Cross Section -99.92 To 9999. %



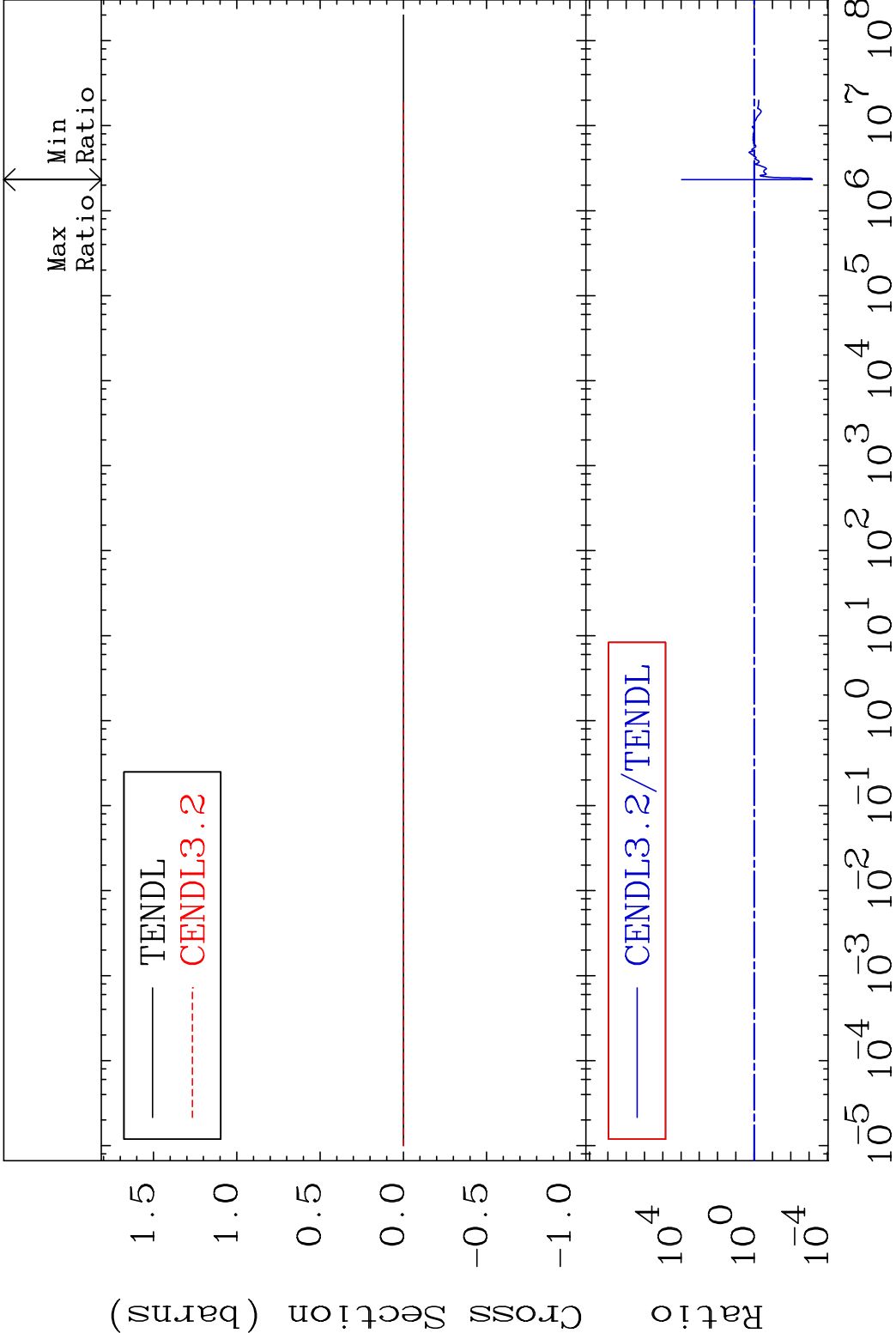
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

30 Incident Energy (eV) 5-B -11

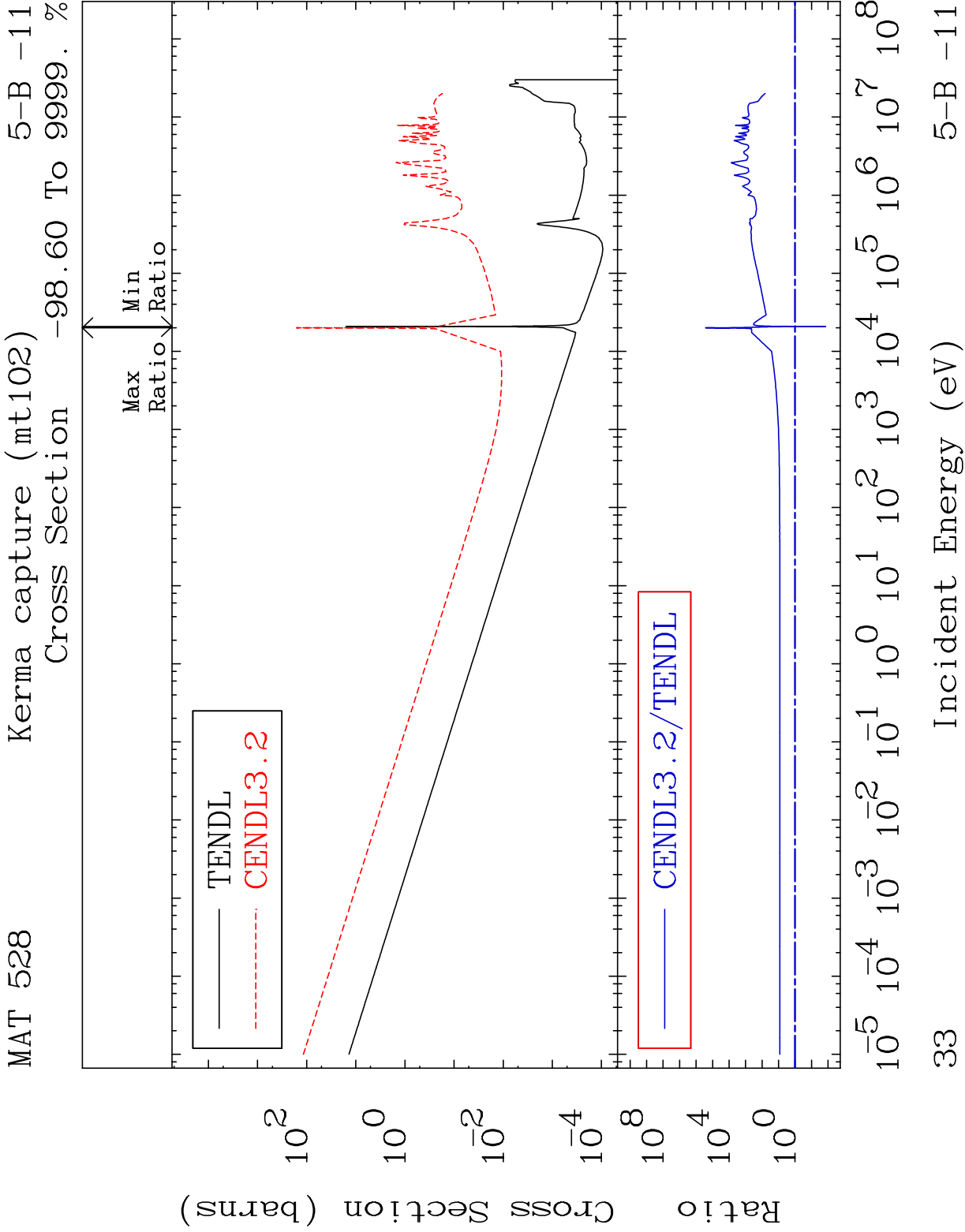
MAT 528 Kerma inelastic (mt51-91) 5-B -11
Cross Section -99.93 To 9999. %

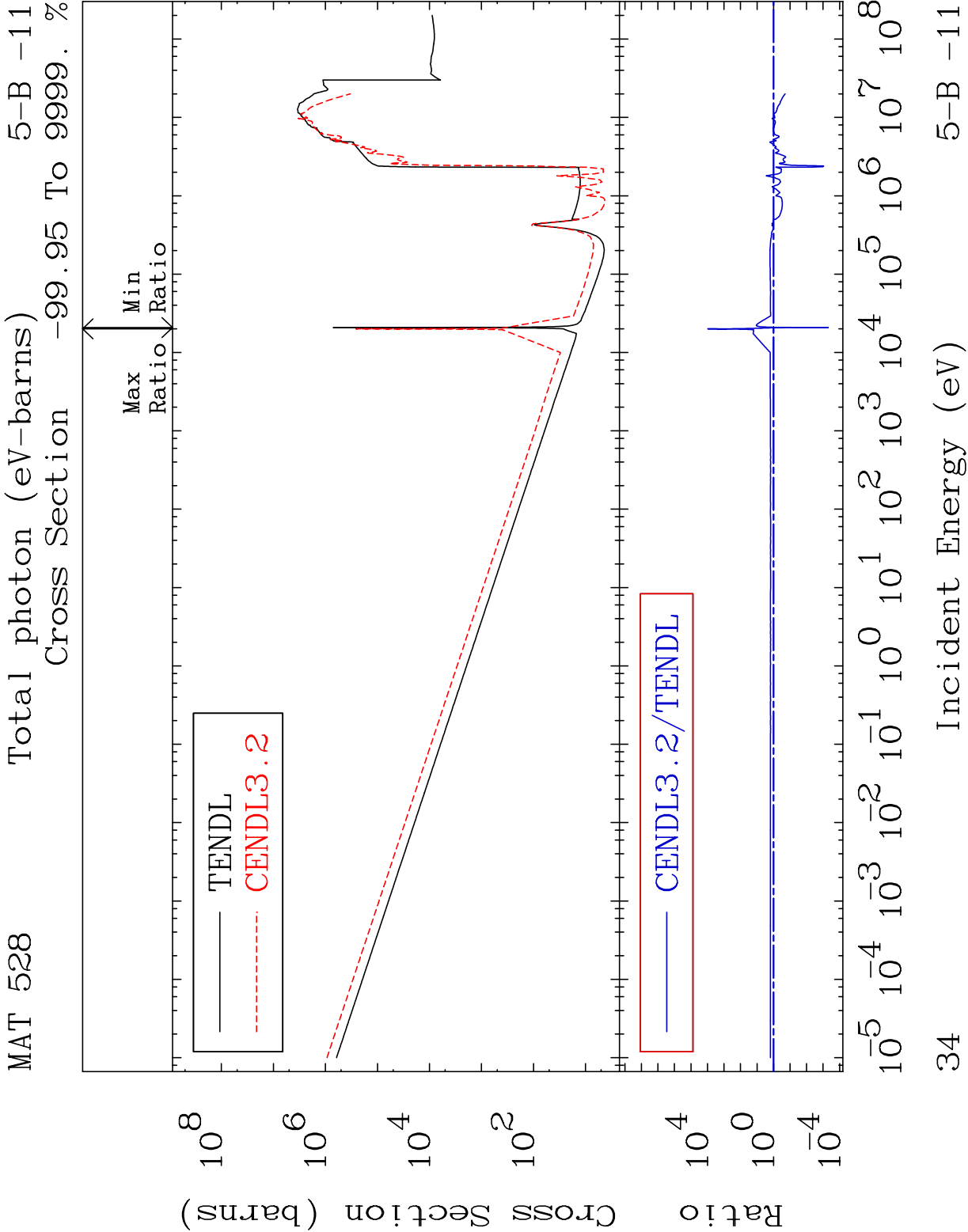


MAT 528 Kerma fission (mt18 or mt19-20-21-38) 5-B -11
Cross Section -99.93 To 9999. %

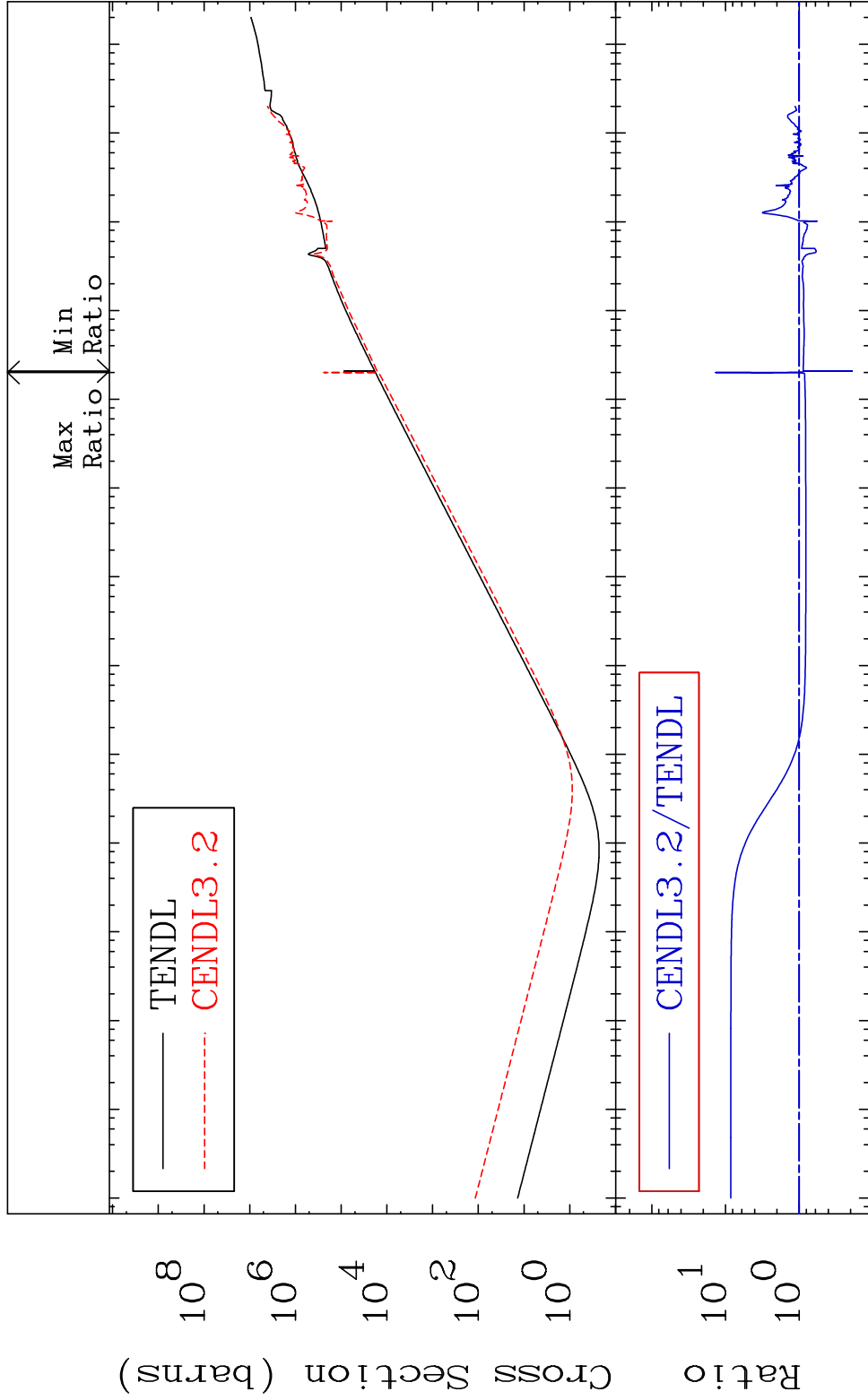


32 Incident Energy (eV) 5-B -11

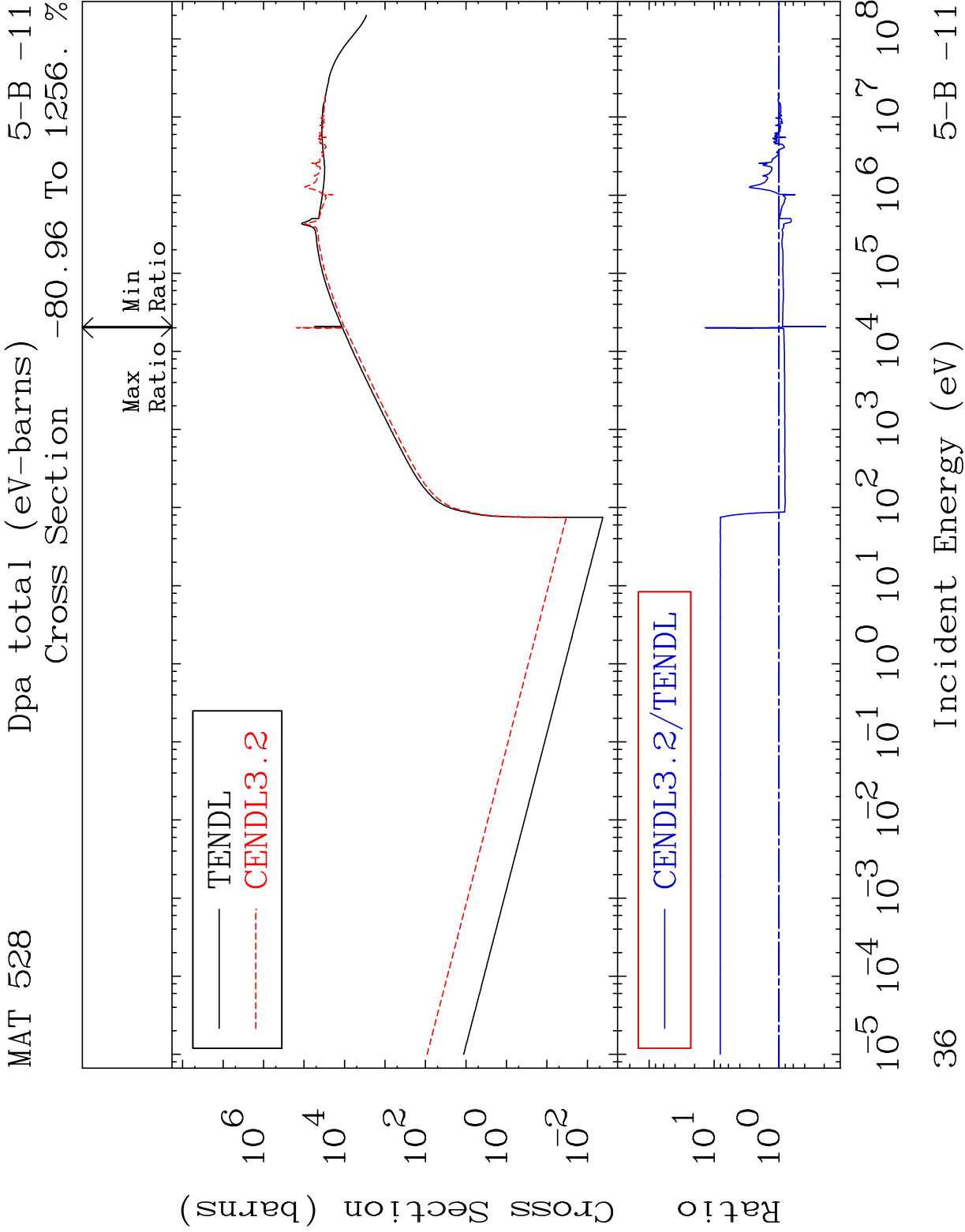




MAT 528 Total kinematic kerma (high limit) 5-B -11
 Cross Section -80.96 To 1257. %



Ratio CENDL3.2/TENDL
 Incident Energy (eV) 5-B -11

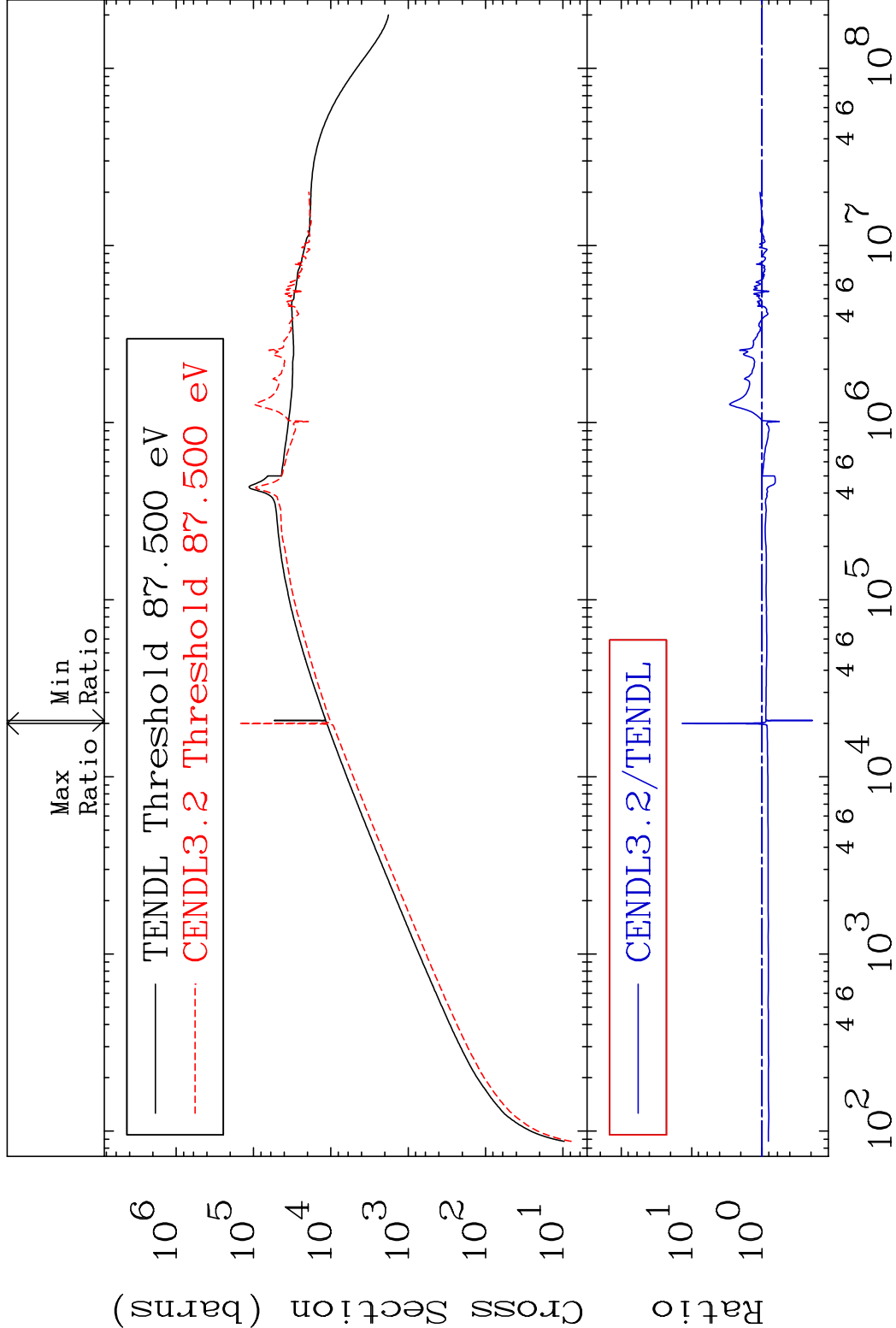


MAT 528

Dpa elastic (mt2)

5-B -11

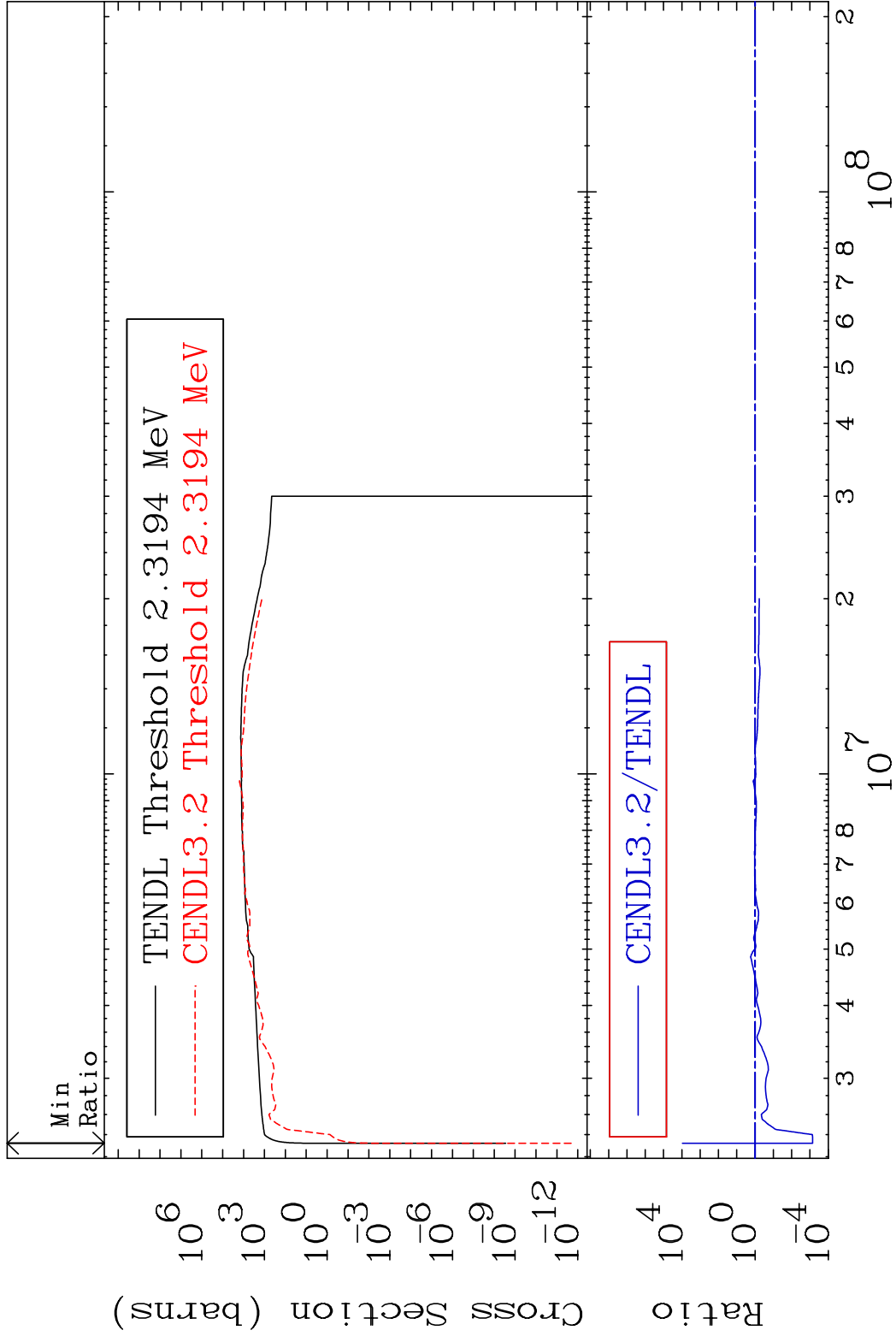
Cross Section -80.95 To 1256. %



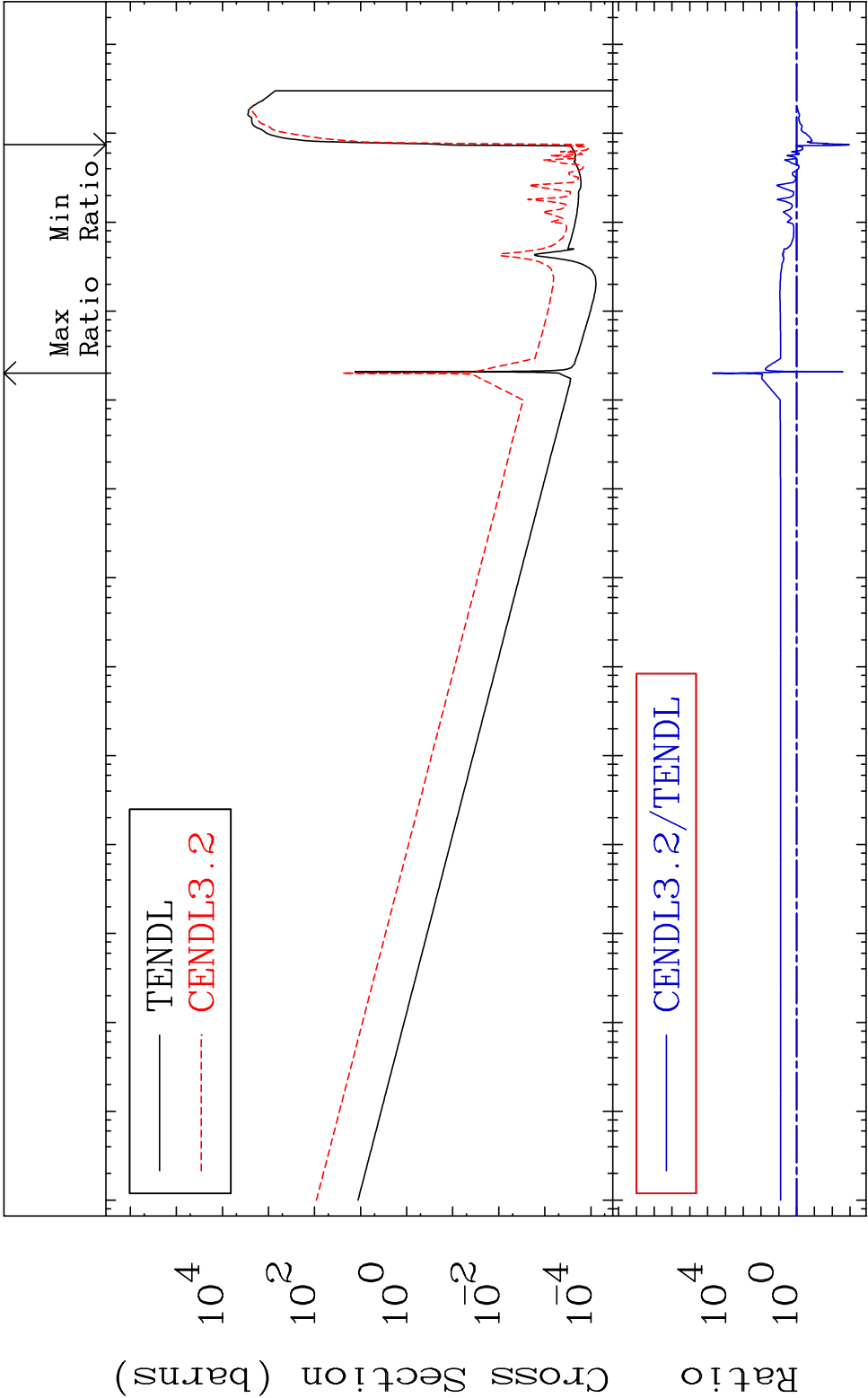
37

Incident Energy (eV)

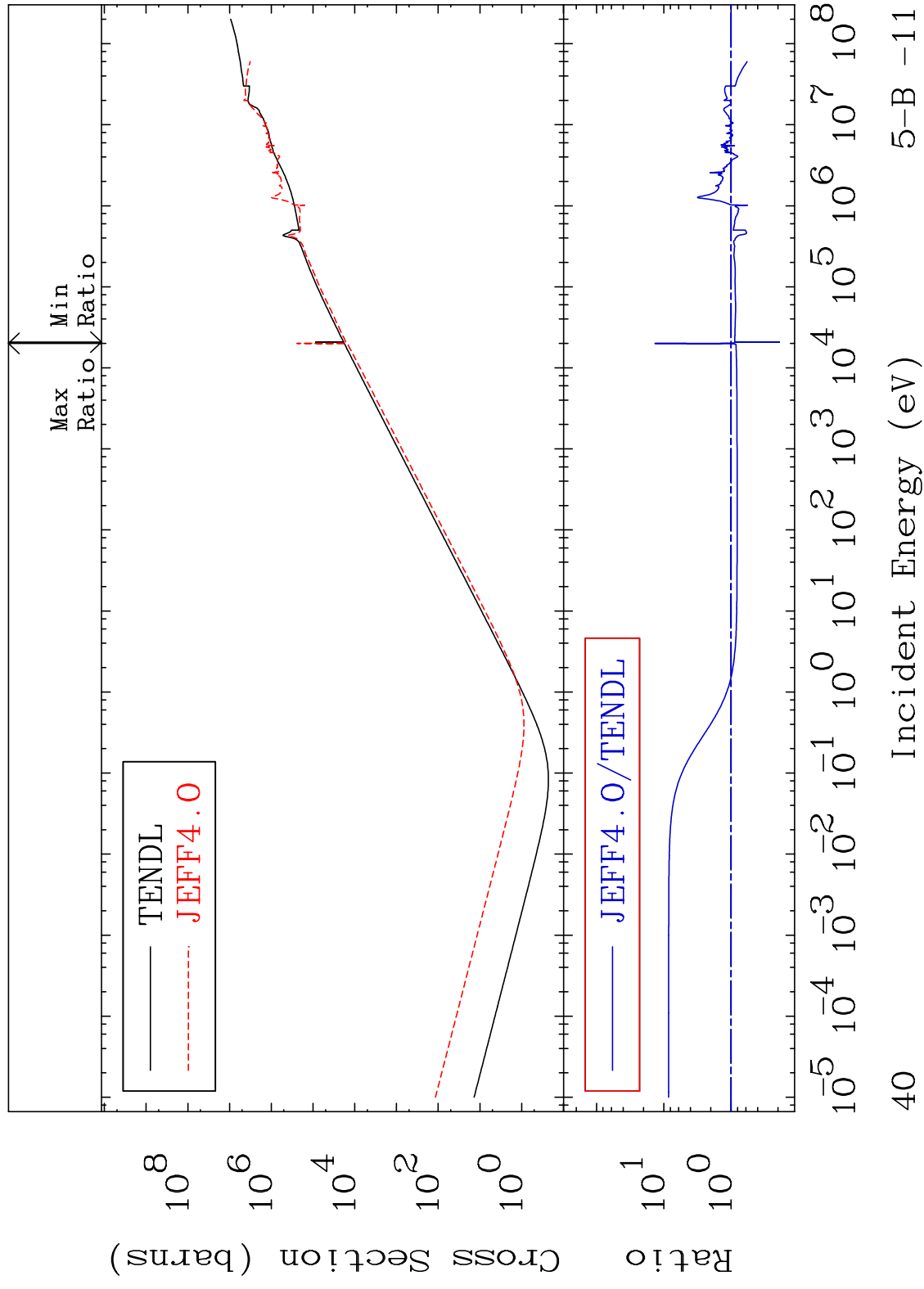
5-B -11

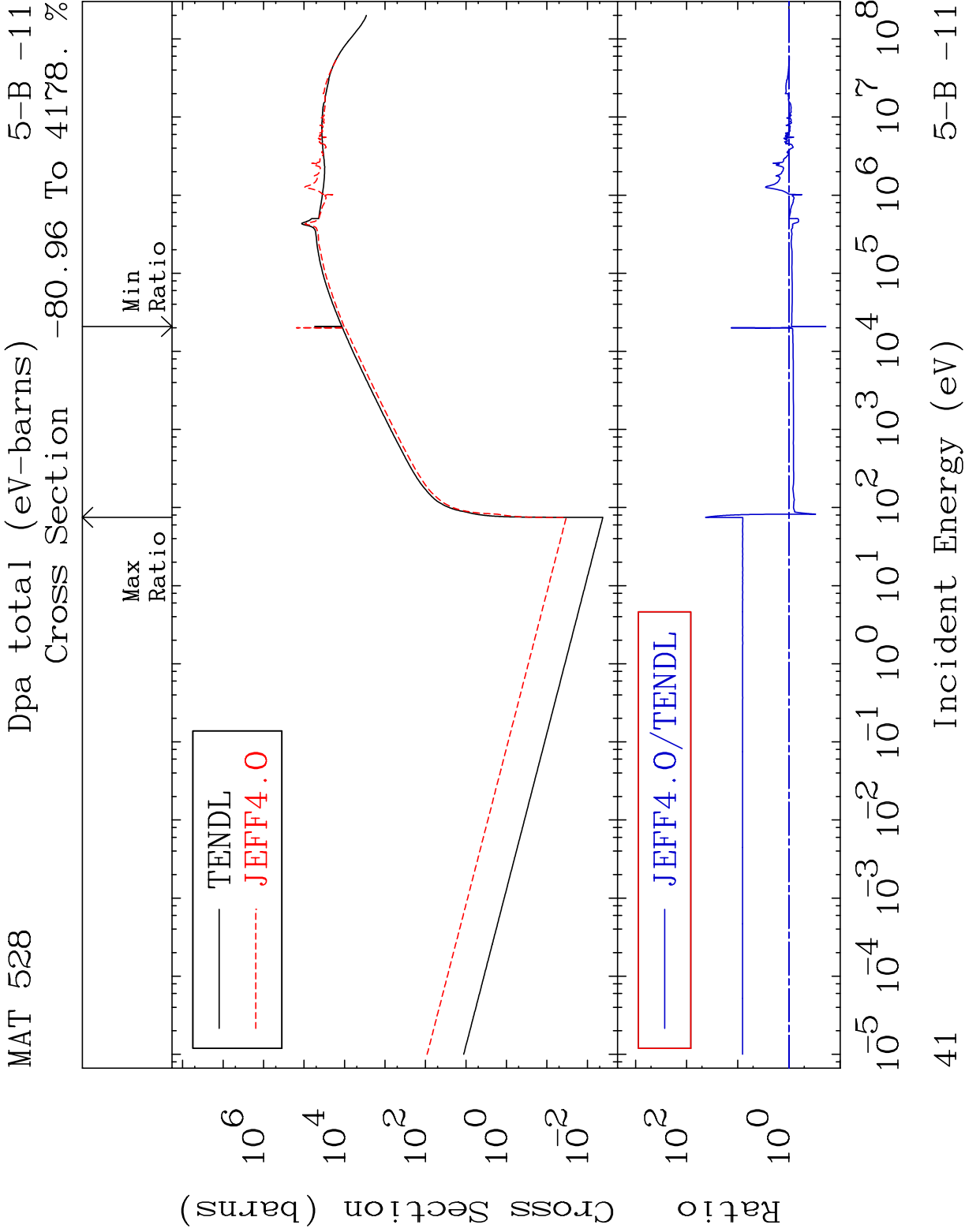


MAT 528 Dpa disappearance (mt102 -120) 5-B -11
 Cross Section -99.89 To 9999. %



MAT 528	Total kinematic kerma (high limit)	5-B -11
	Cross Section	-80.96 To 1257. %





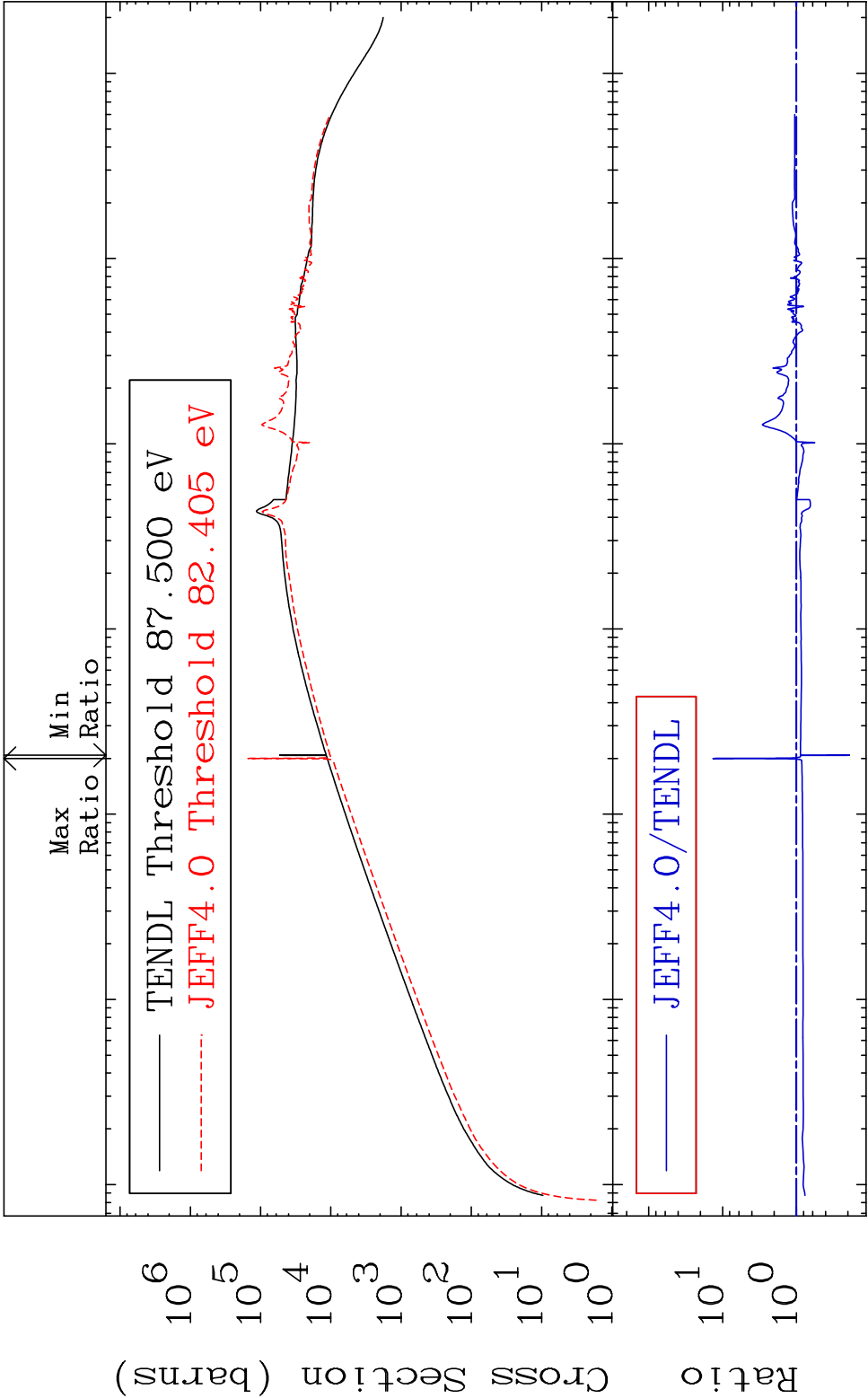
MAT 528

Dpa elastic (mt2)

5-B -11

Cross Section

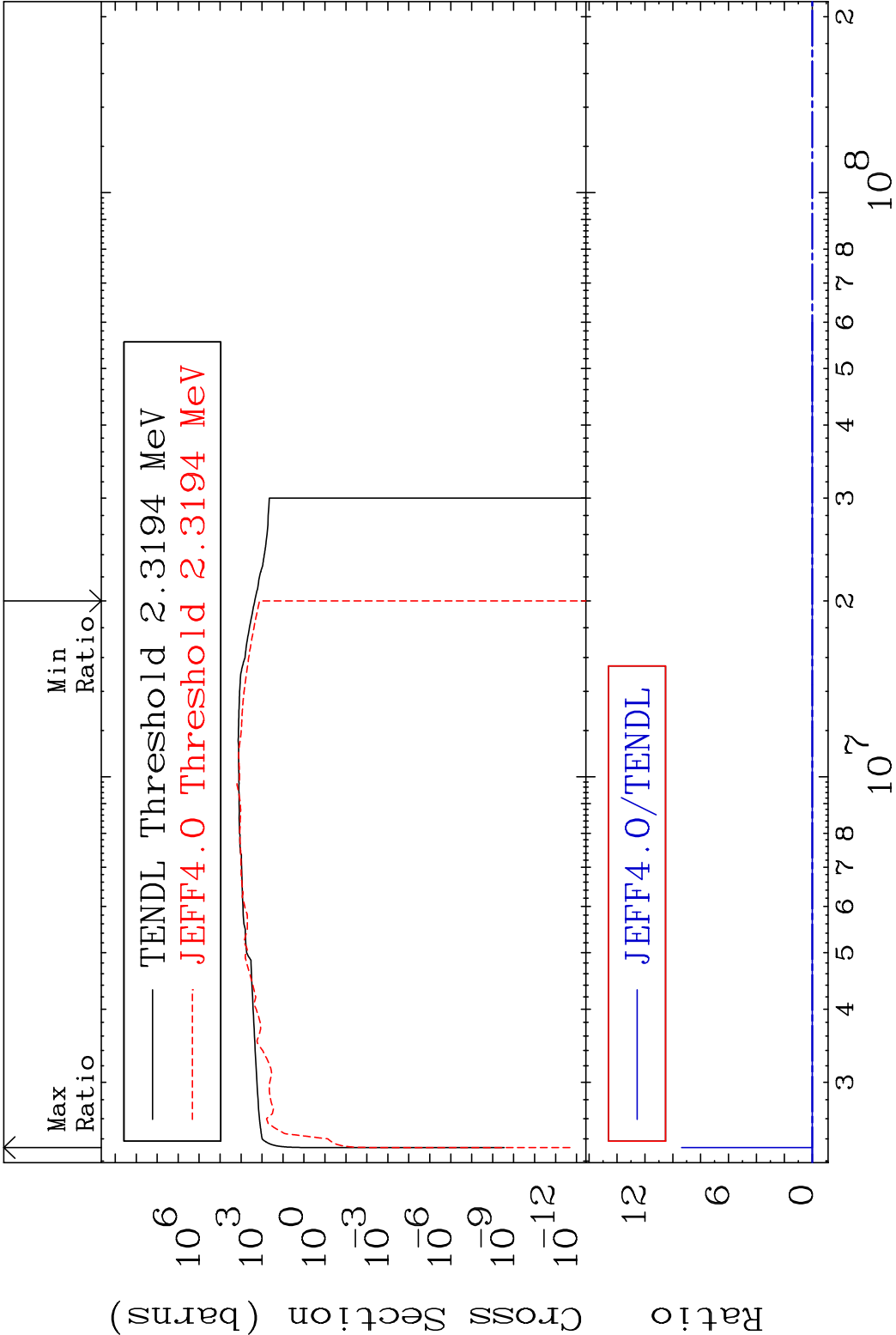
-80.95 To 1256. %



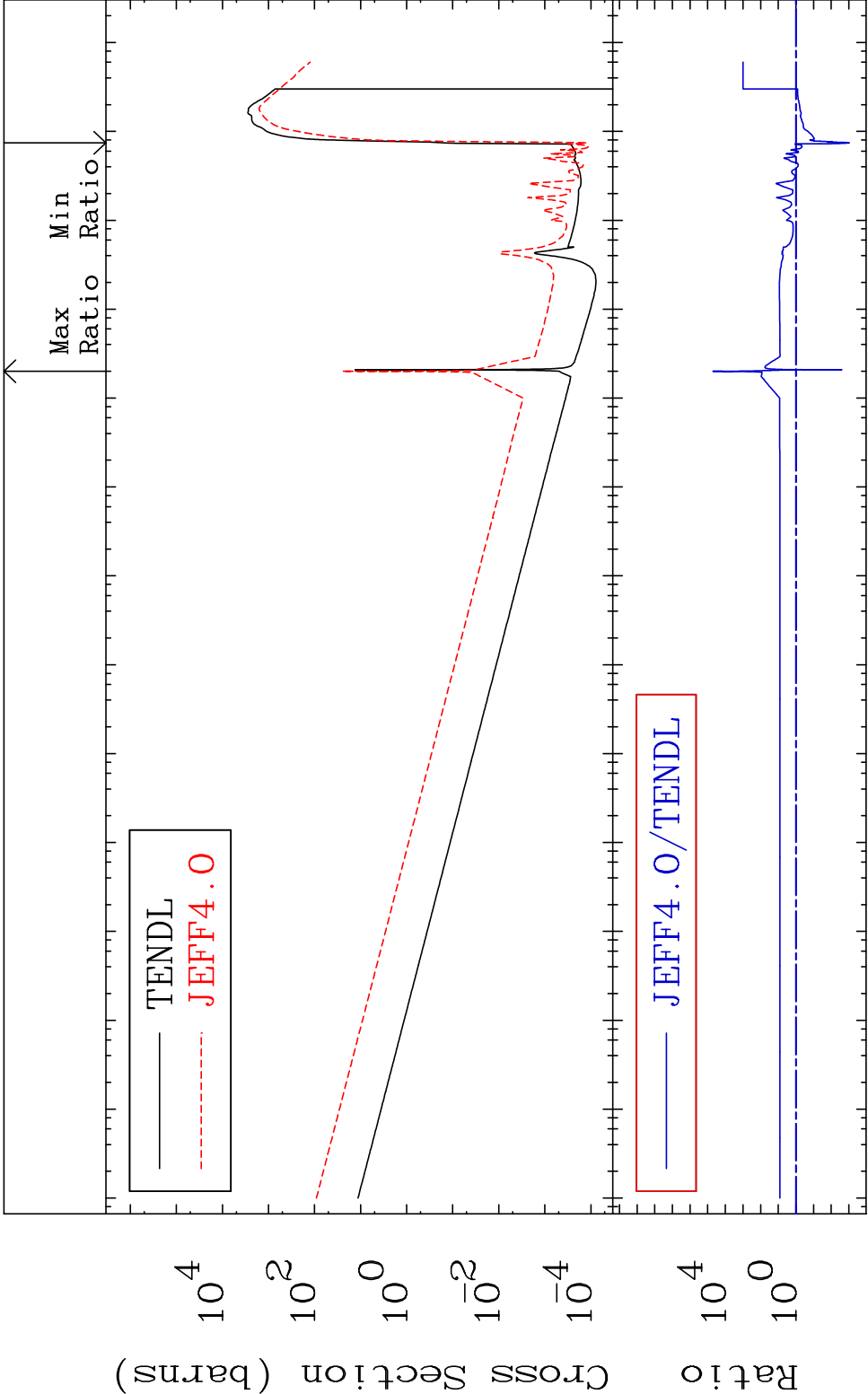
42

Incident Energy (eV)

5-B -11



MAT 528 Dpa disappearance (mt102 -120) 5-B -11
Cross Section -99.91 To 9999. %



44 Incident Energy (eV) 5-B -11