

Program Complot
(Version 2021-1)

by

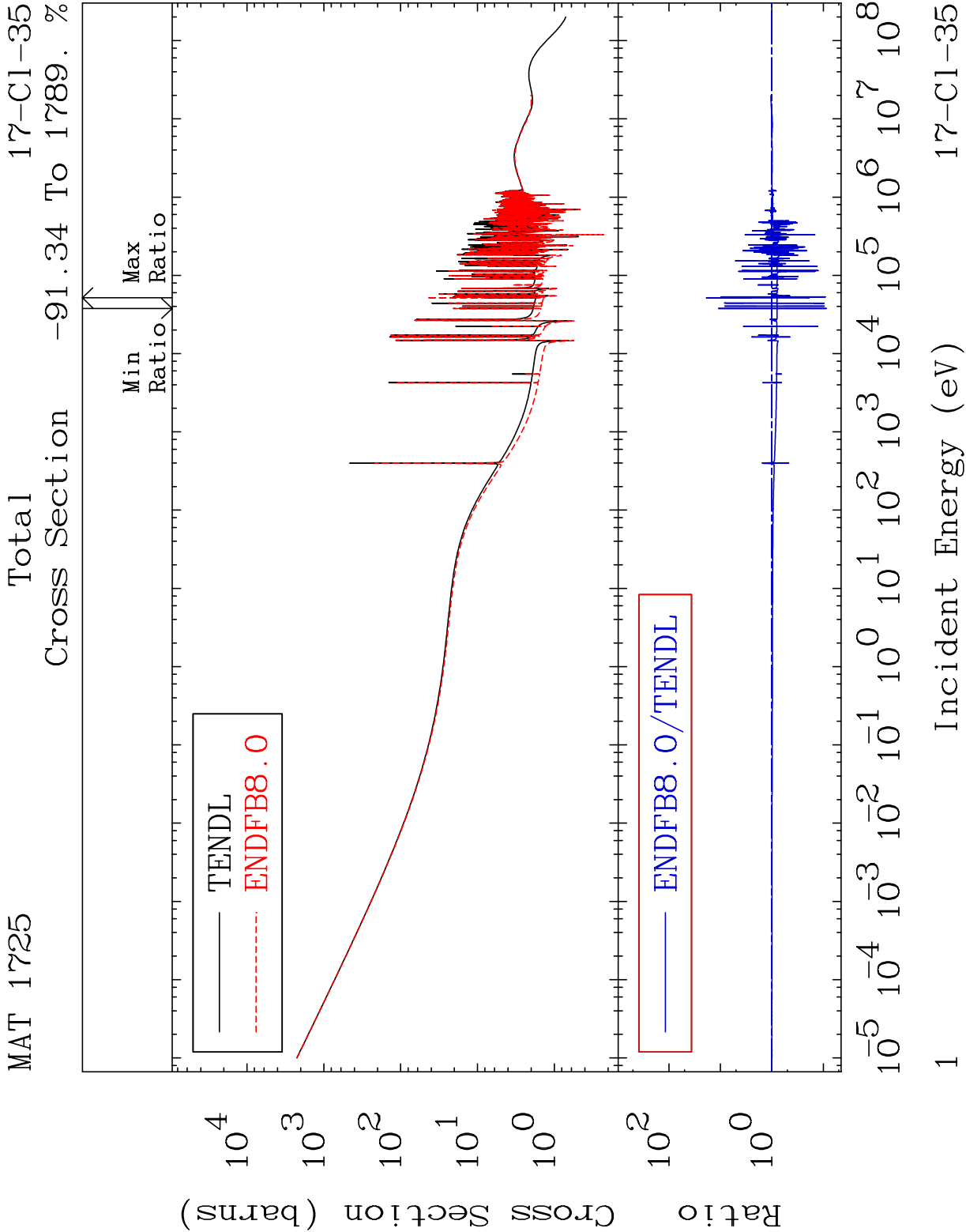
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(Present Contact Information)

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Press Mouse Button to Start

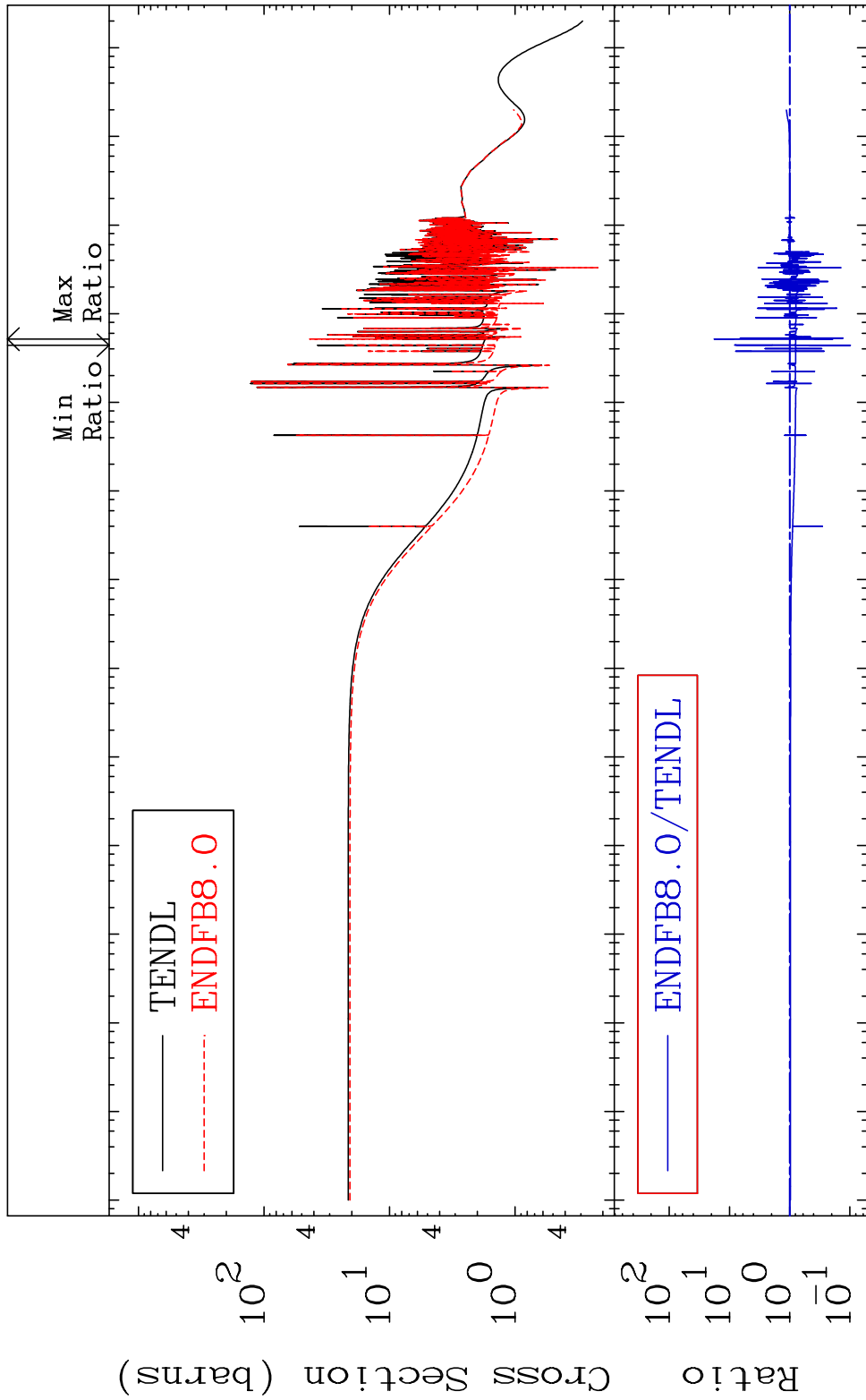


MAT 1725

Elastic

17-Cl-35

Cross Section -90.13 To 1708. %



2

Incident Energy (eV)

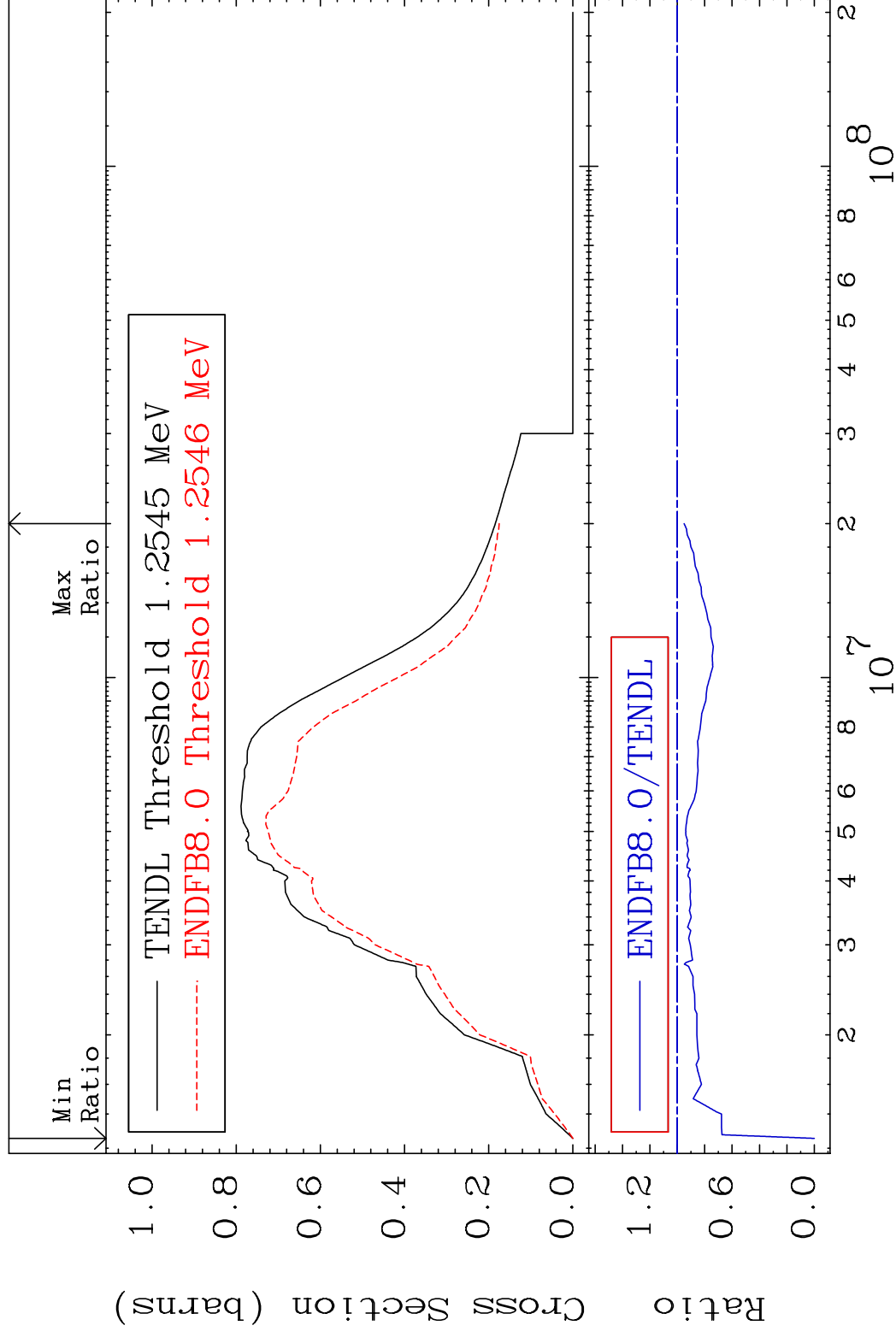
17-Cl-35

MAT 1725

Inelastic

17-CI-35

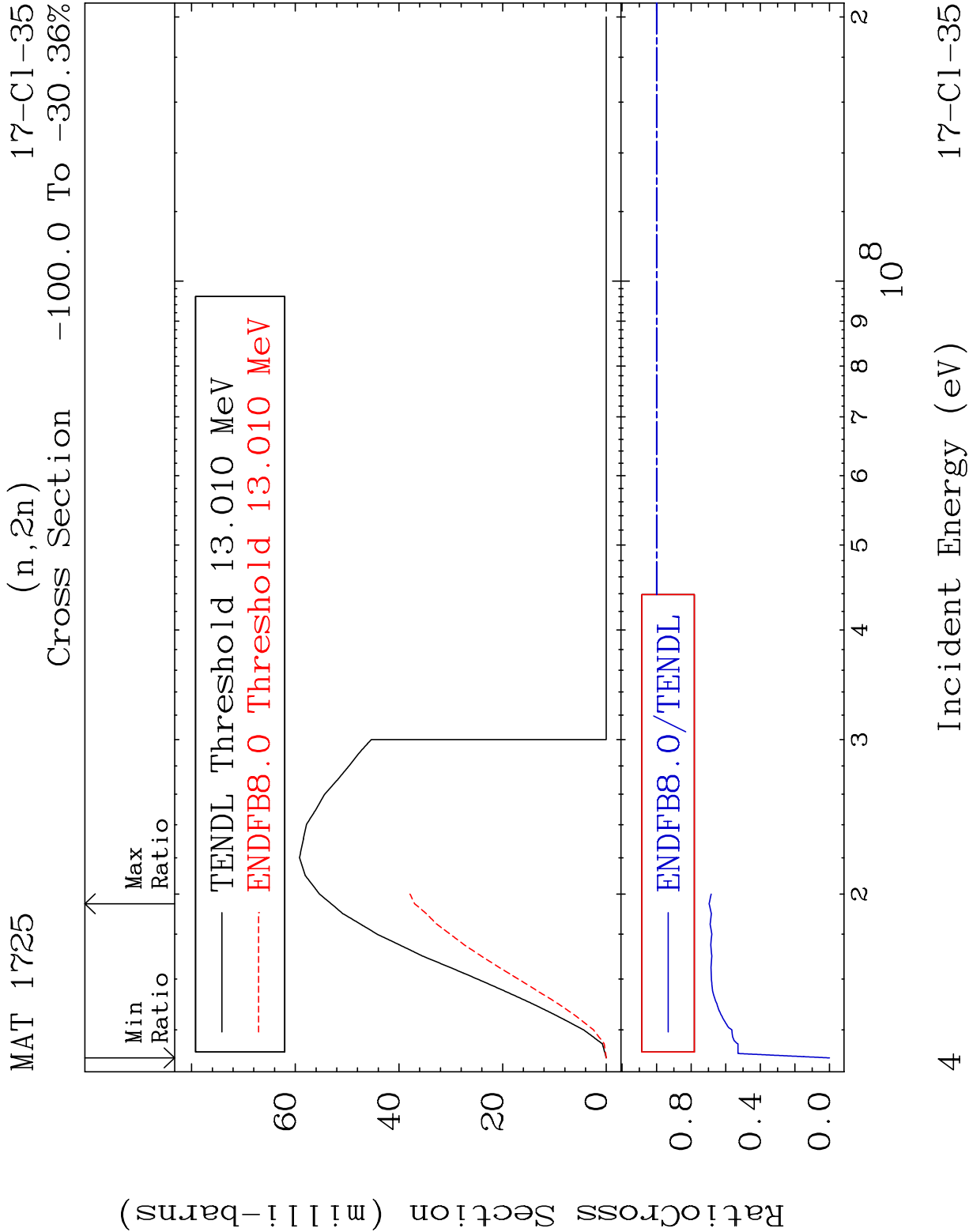
Cross Section	-100.0 To -4.942%

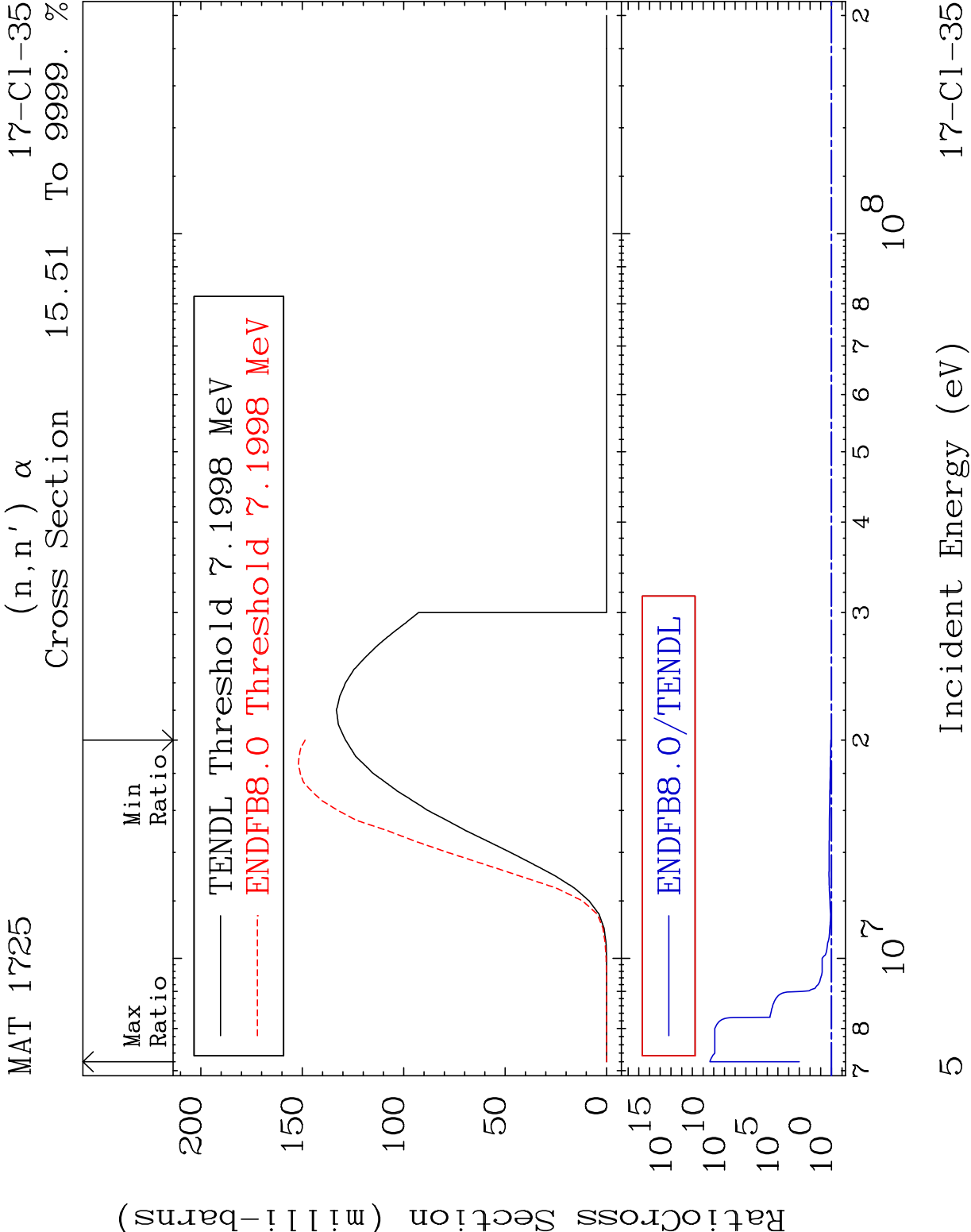


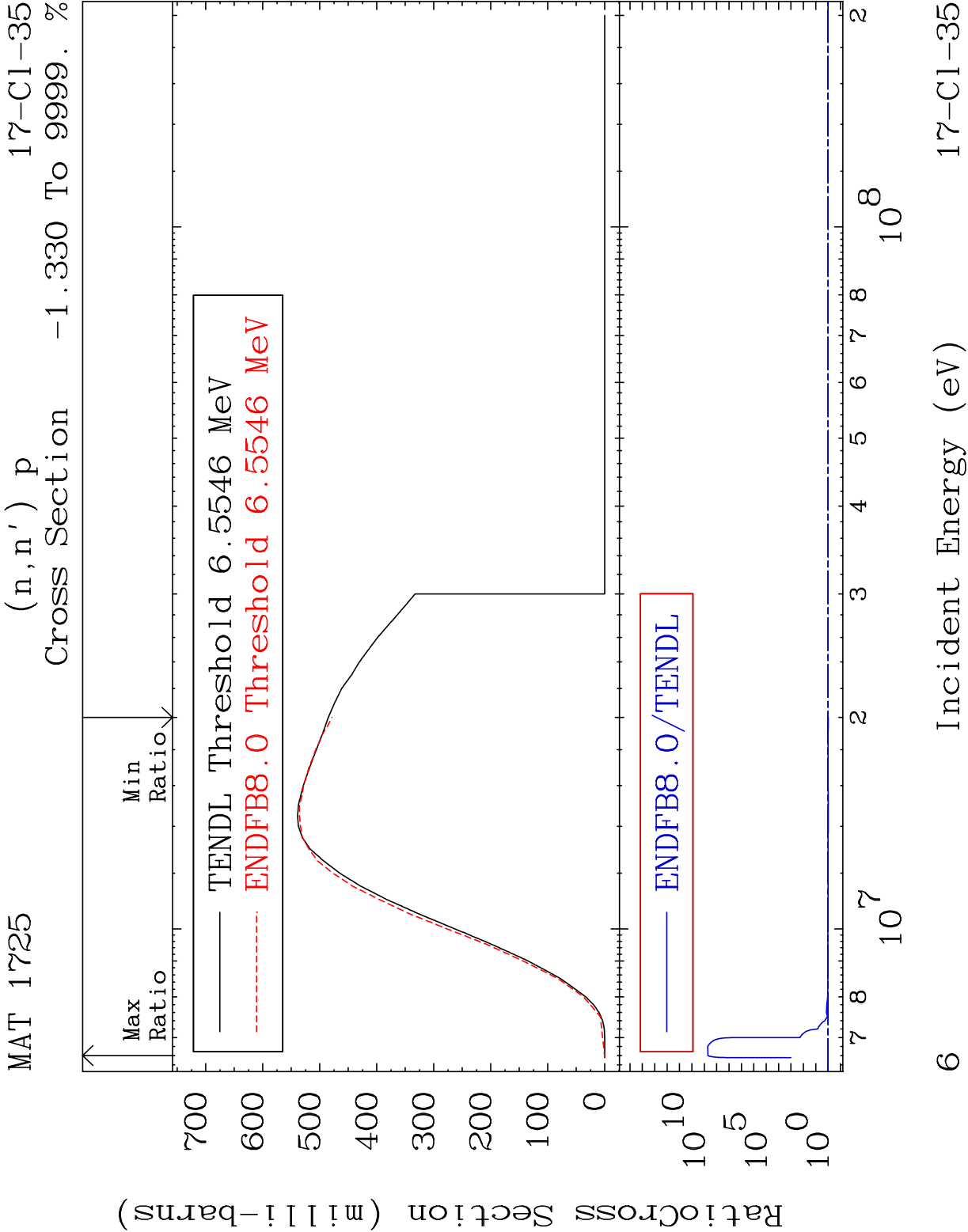
3

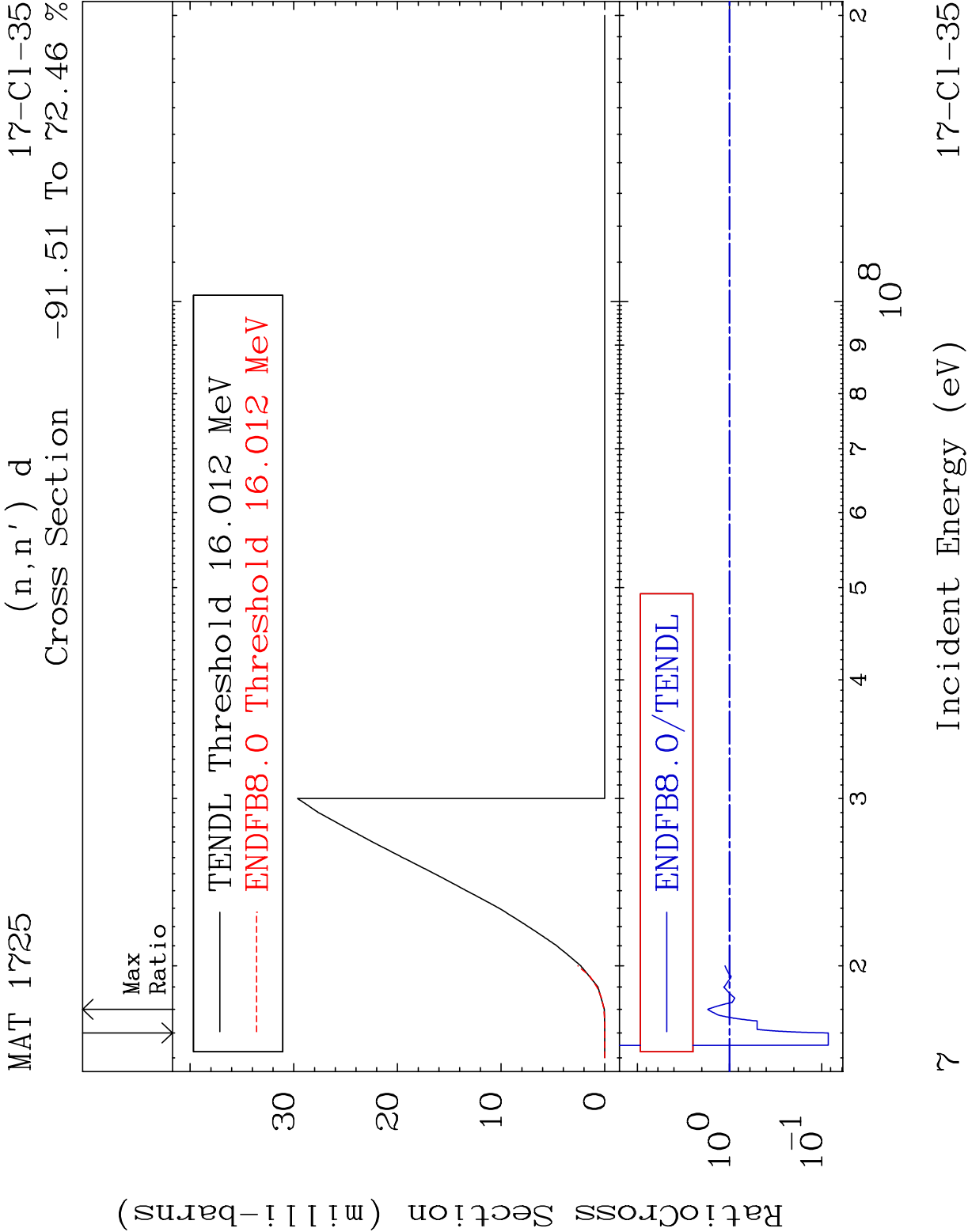
Incident Energy (eV)

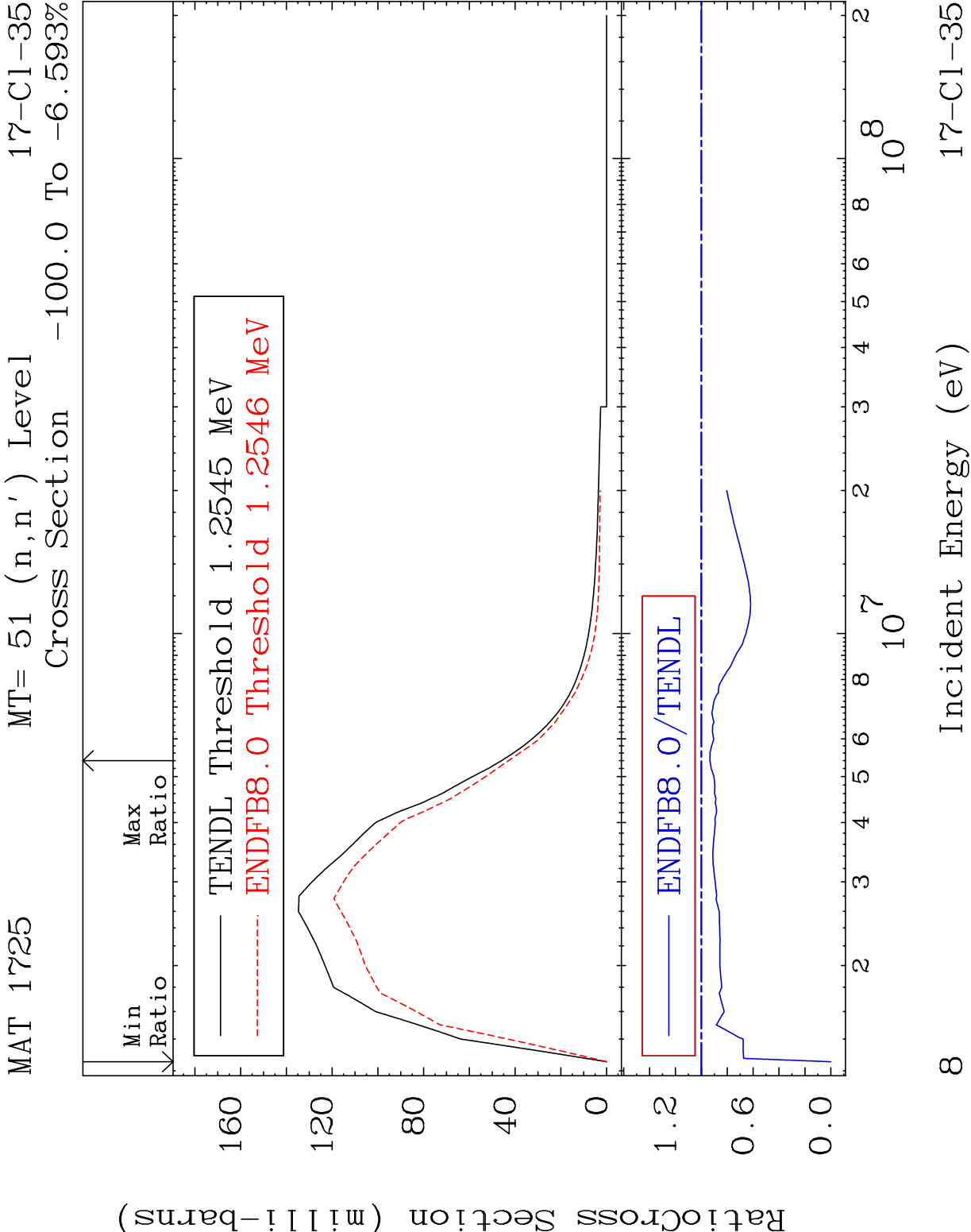
17-C1-35

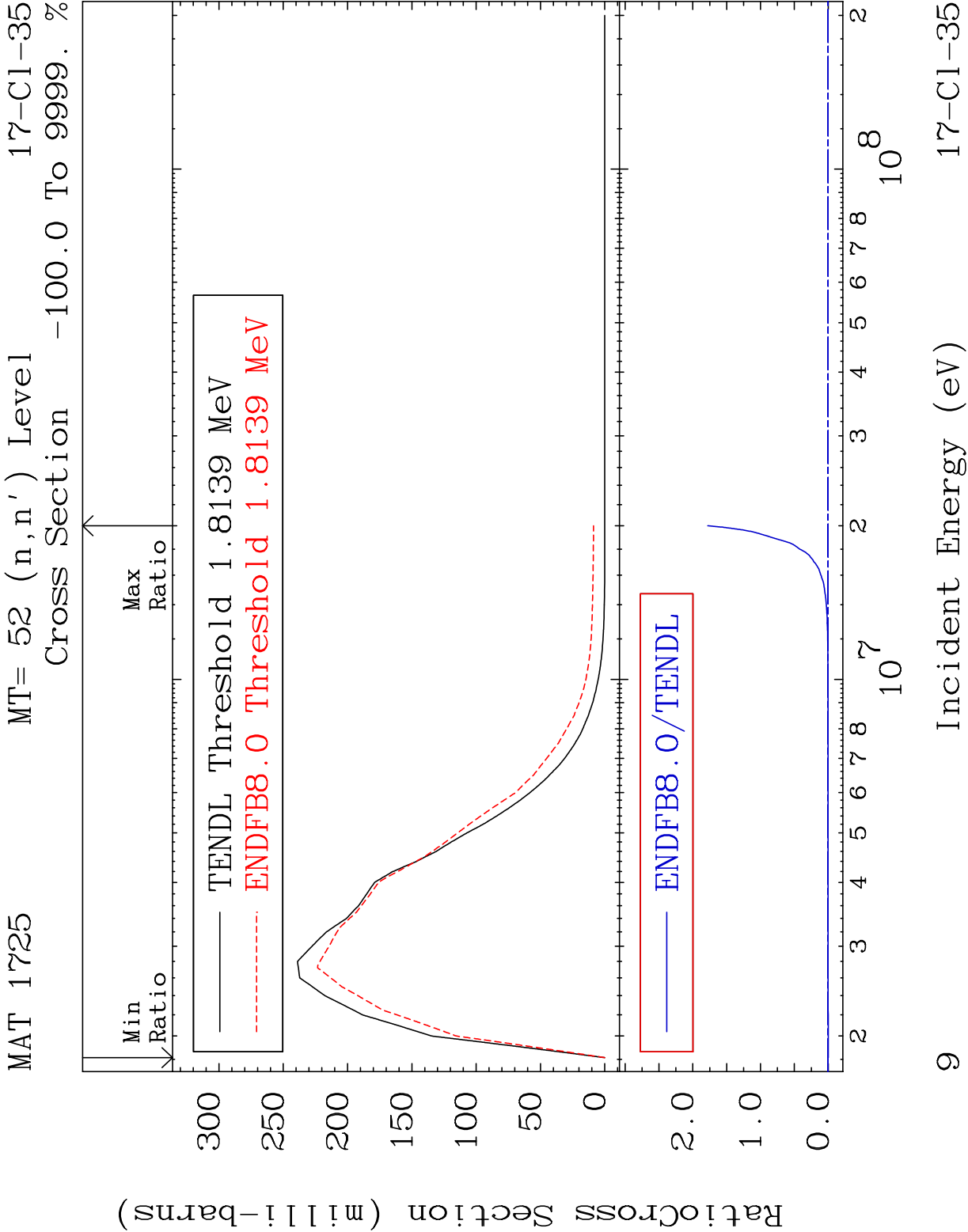




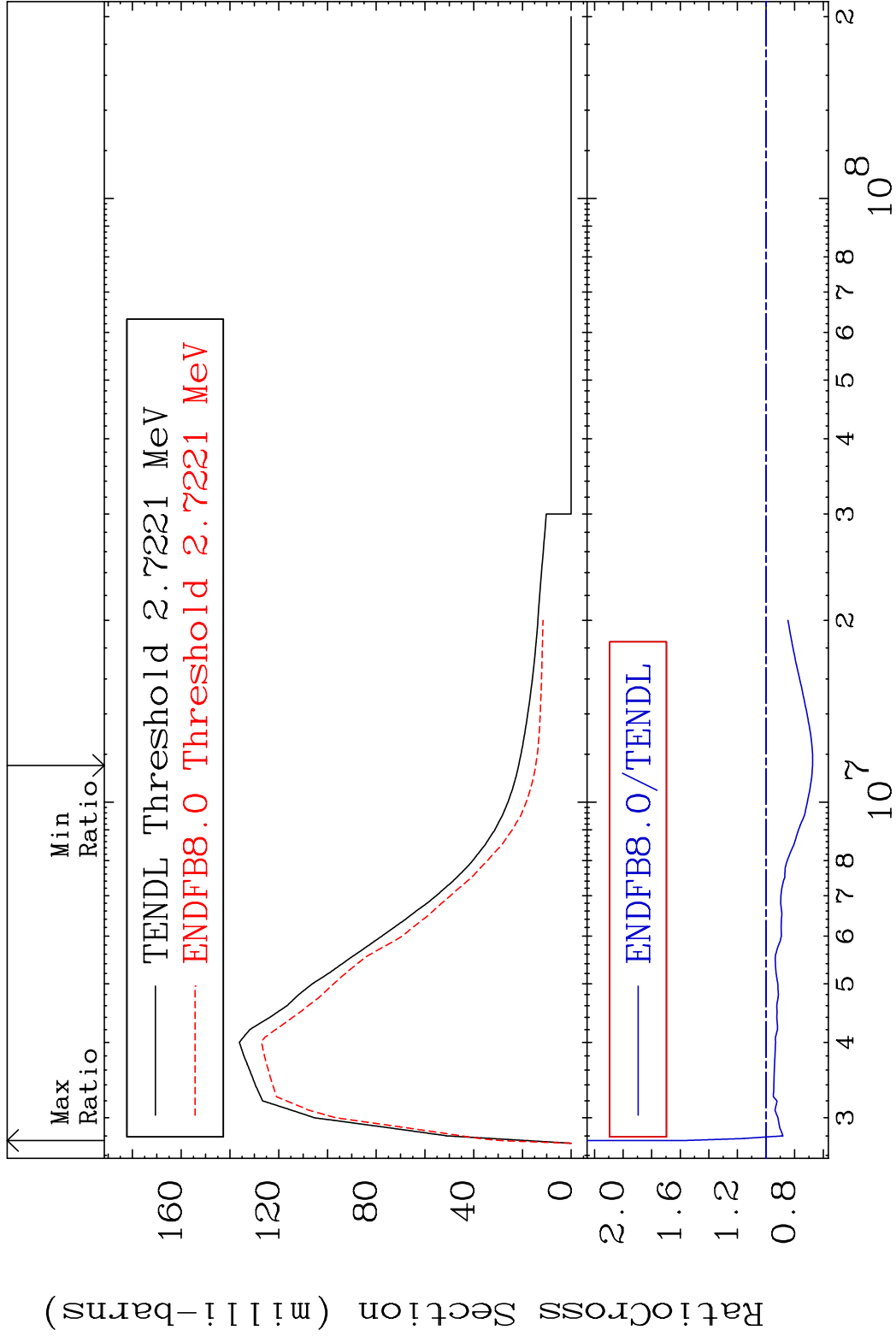






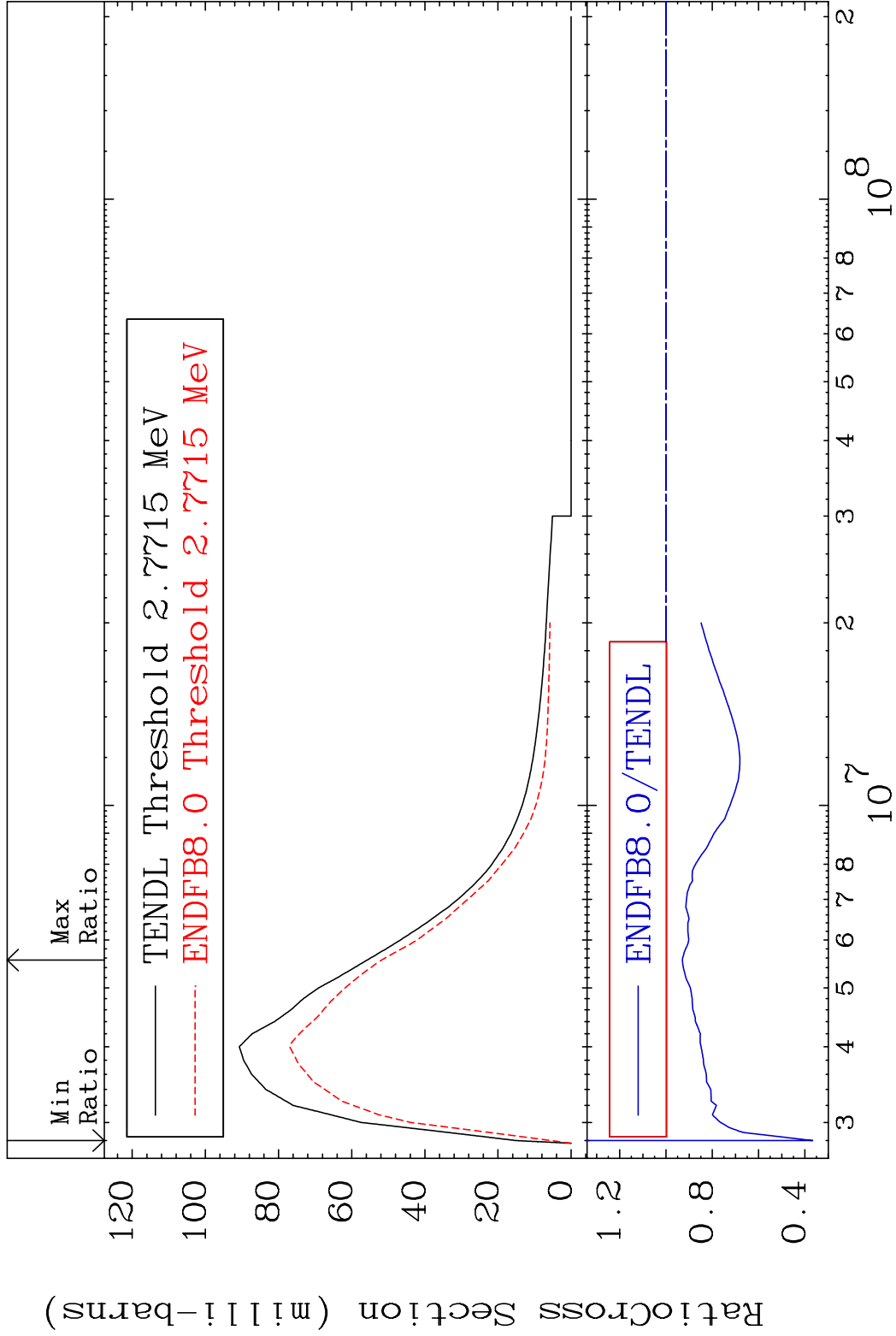


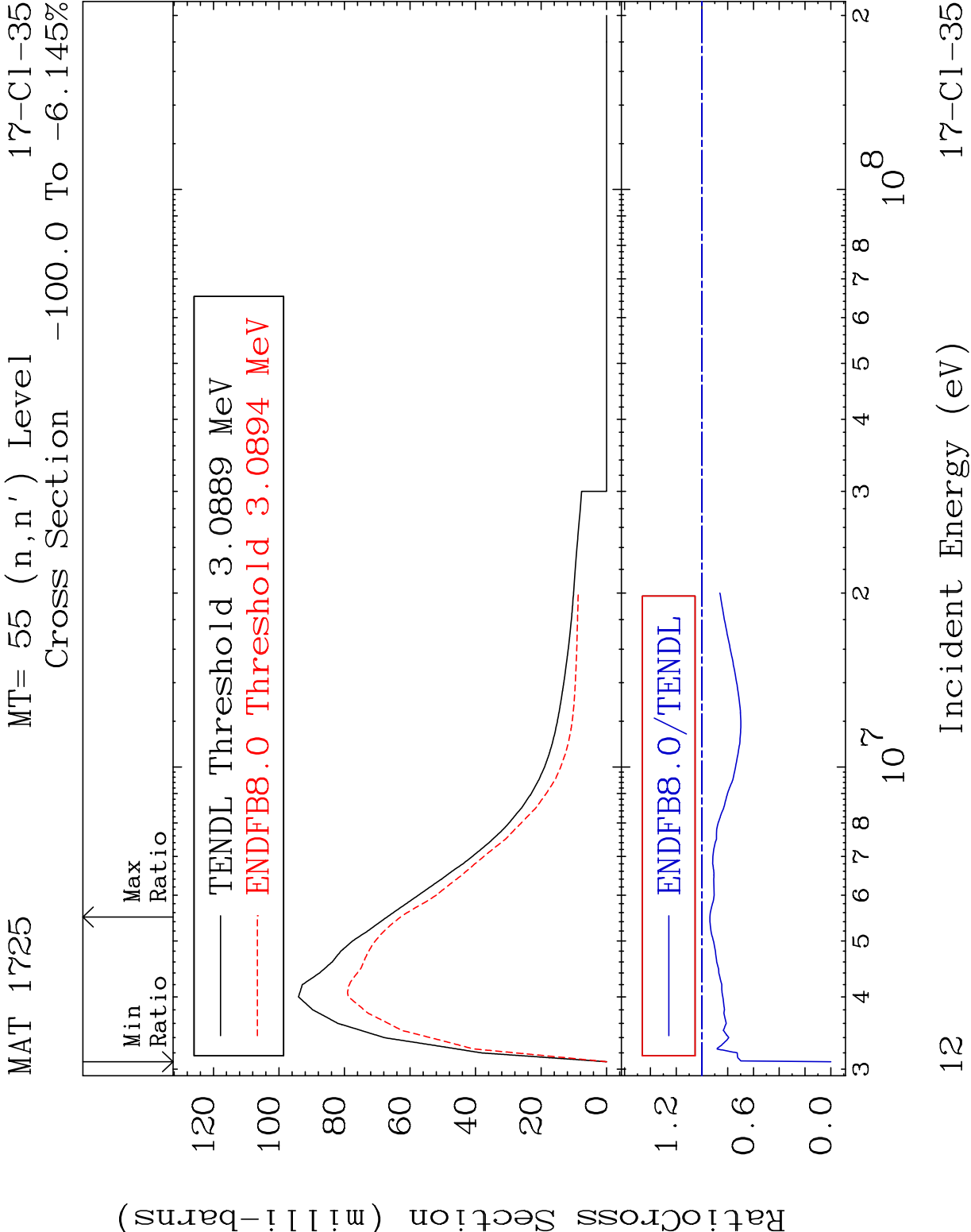
MAT 1725 MT= 53 (n,n') Level 17-Cl-35
Cross Section -32.54 To 58.54 %

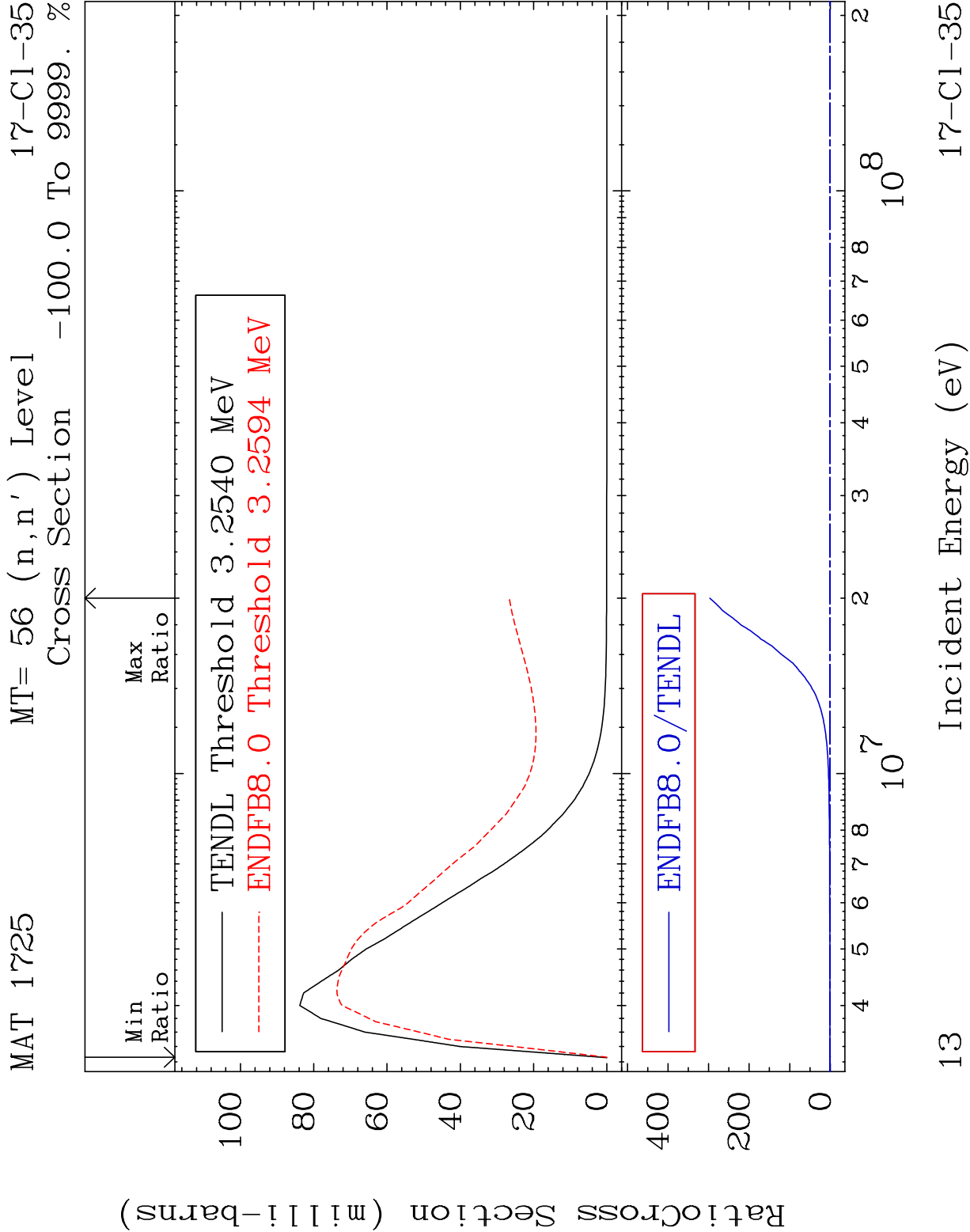


10 Incident Energy (eV) 17-Cl-35

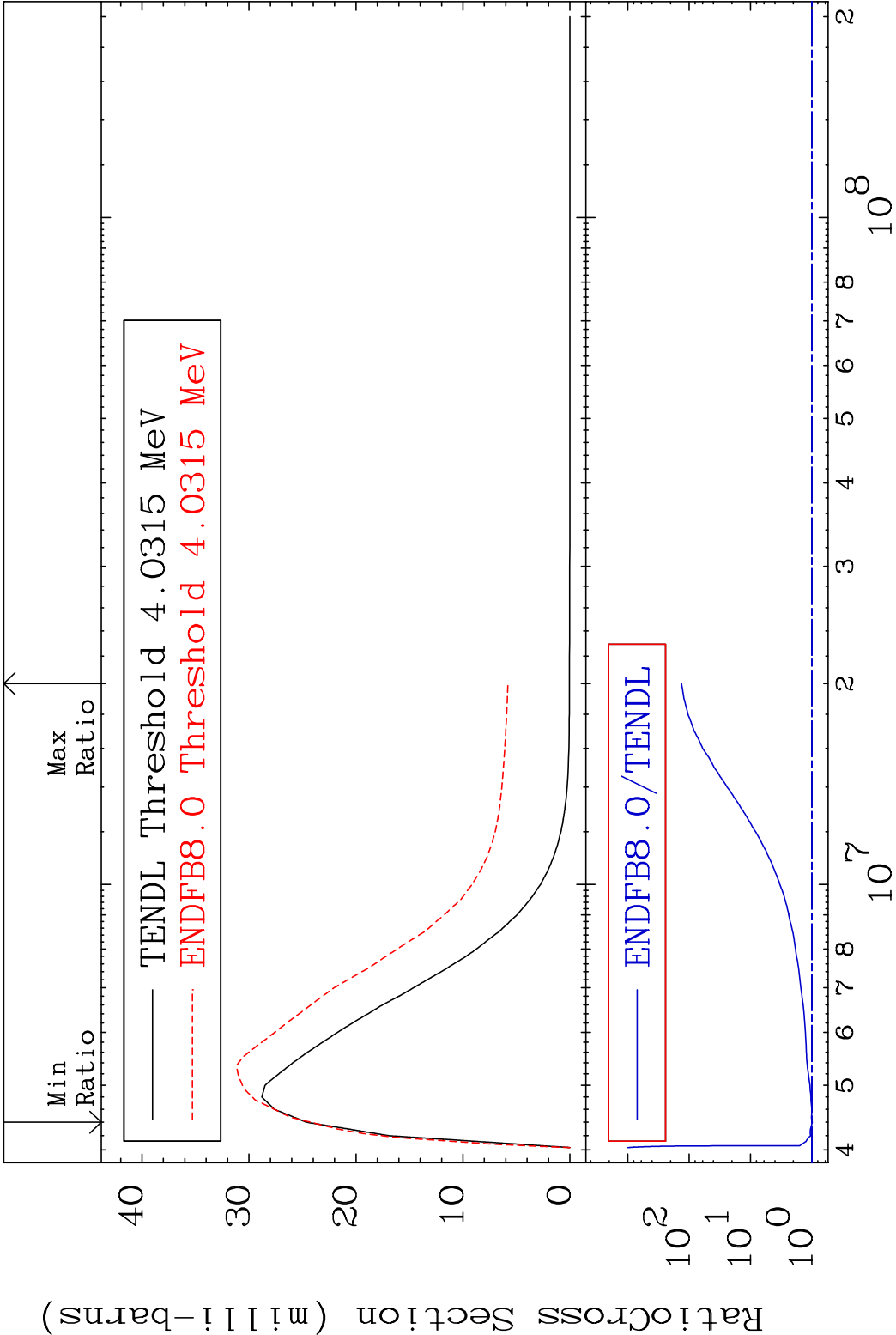
MAT 1725 MT= 54 (n,n') Level 17-Cl-35
Cross Section -63.30 To -7.053%

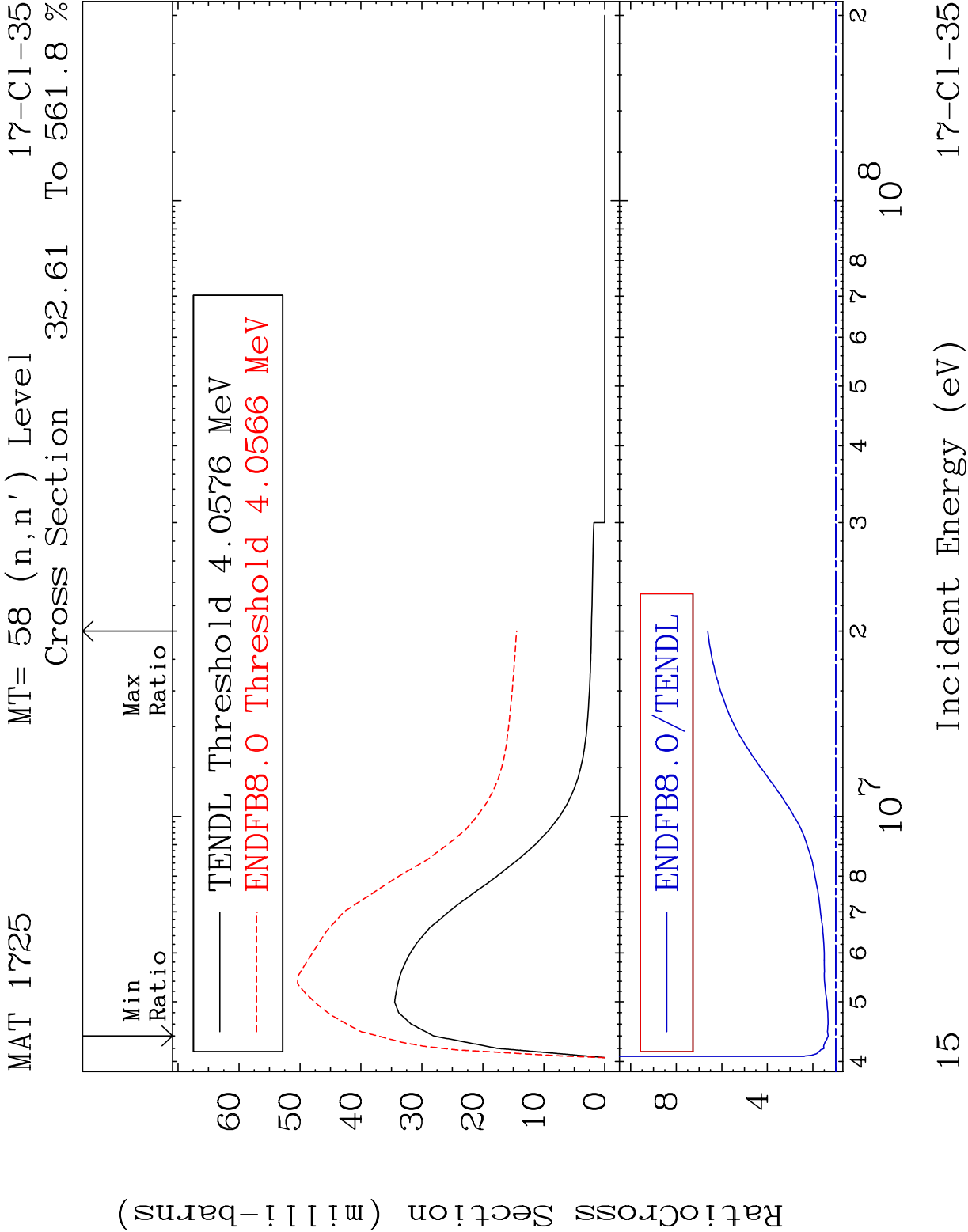




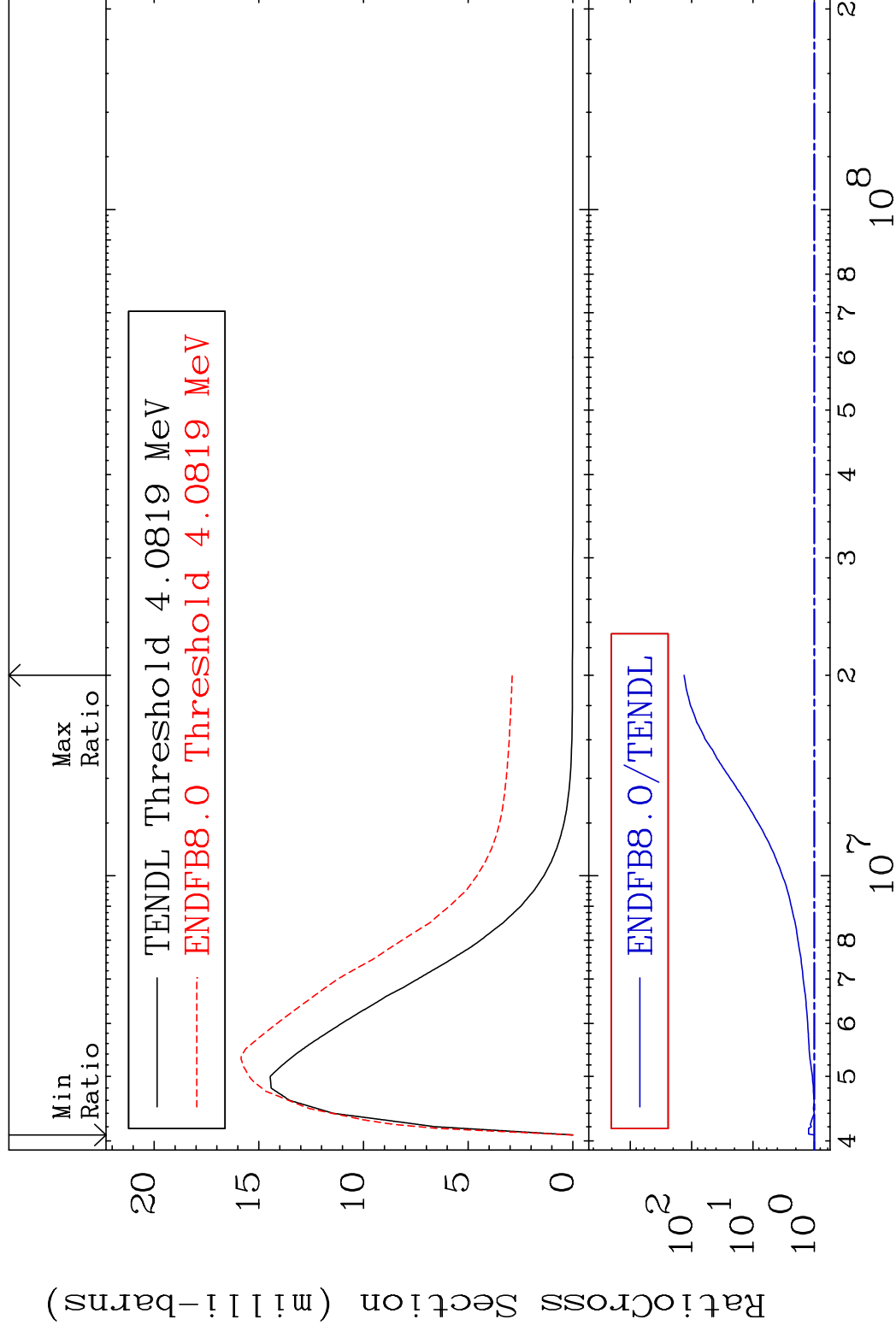


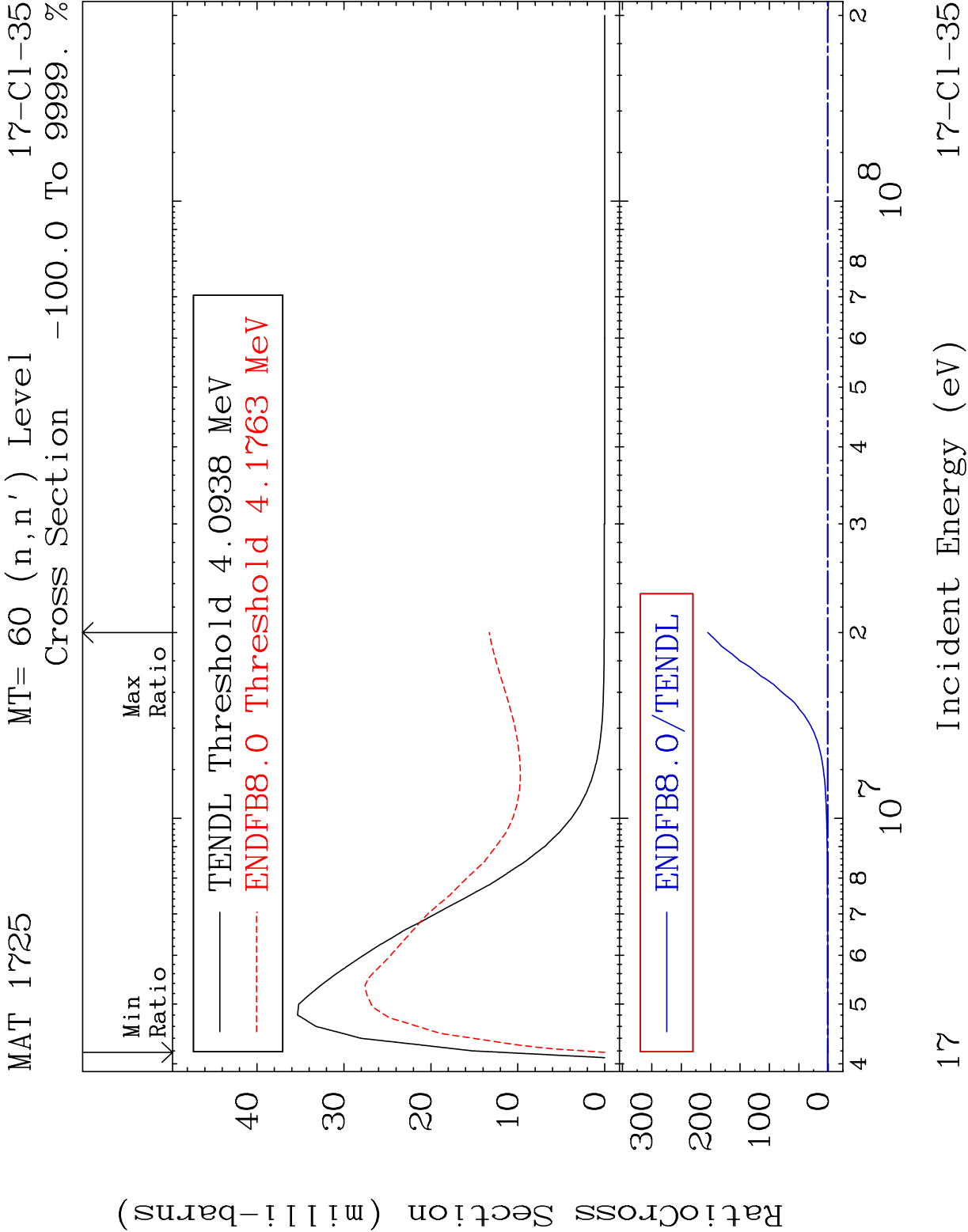
MAT 1725 MT= 57 (n,n') Level 17-Cl-35
Cross Section -1.593 To 9999. %

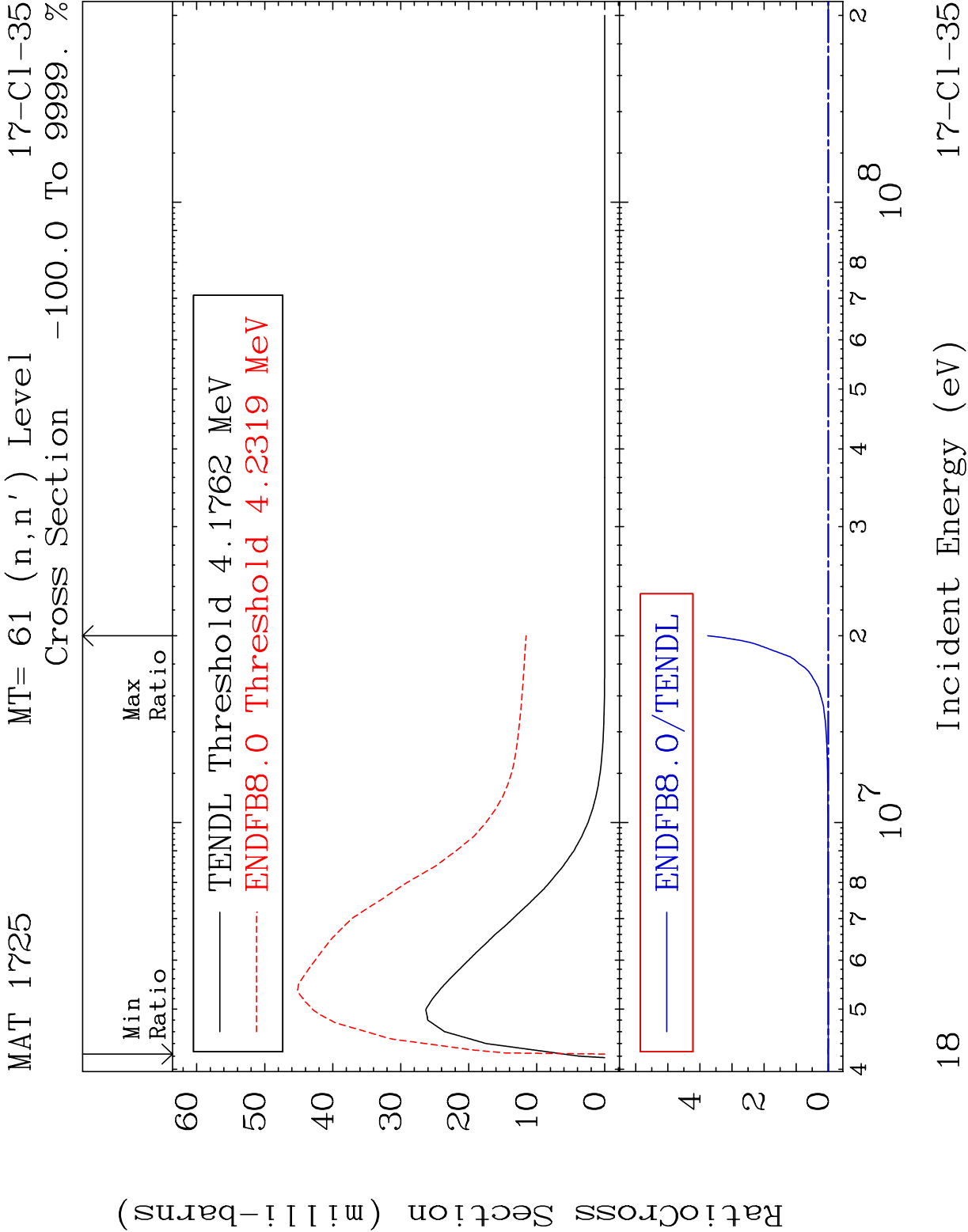


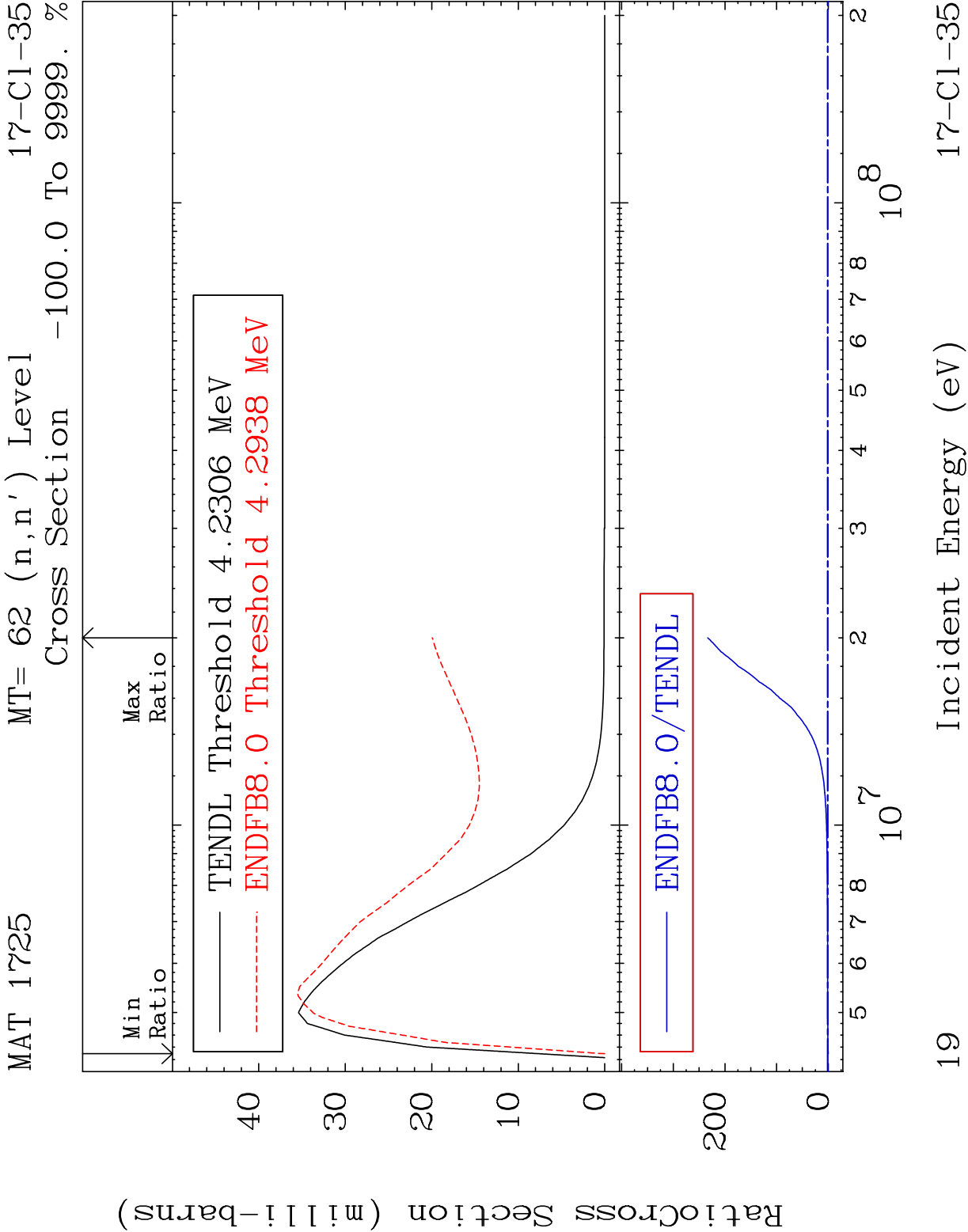


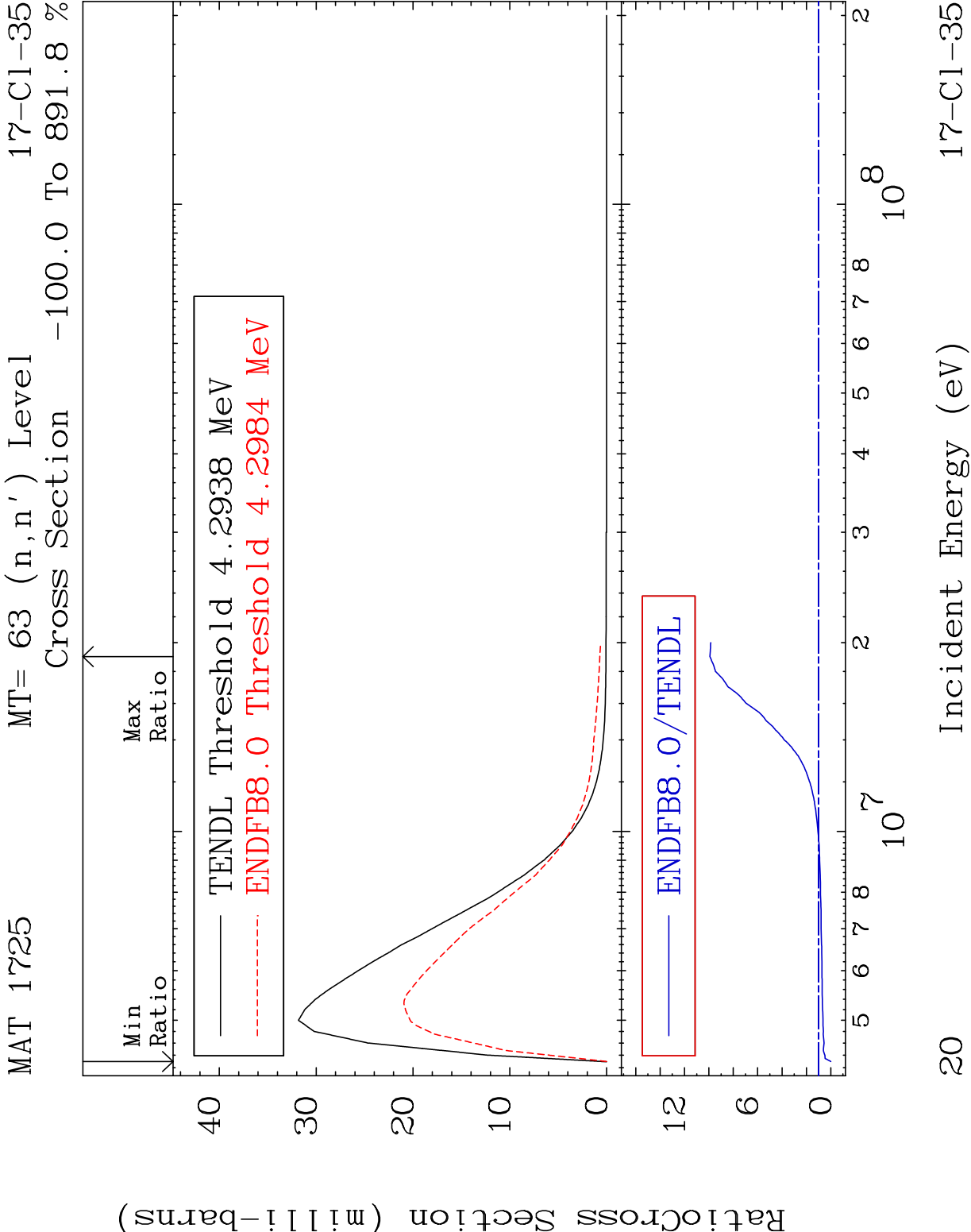
MAT 1725	MT= 59 (n, n') Level	17-Cl-35
	Cross Section	To 9999. %

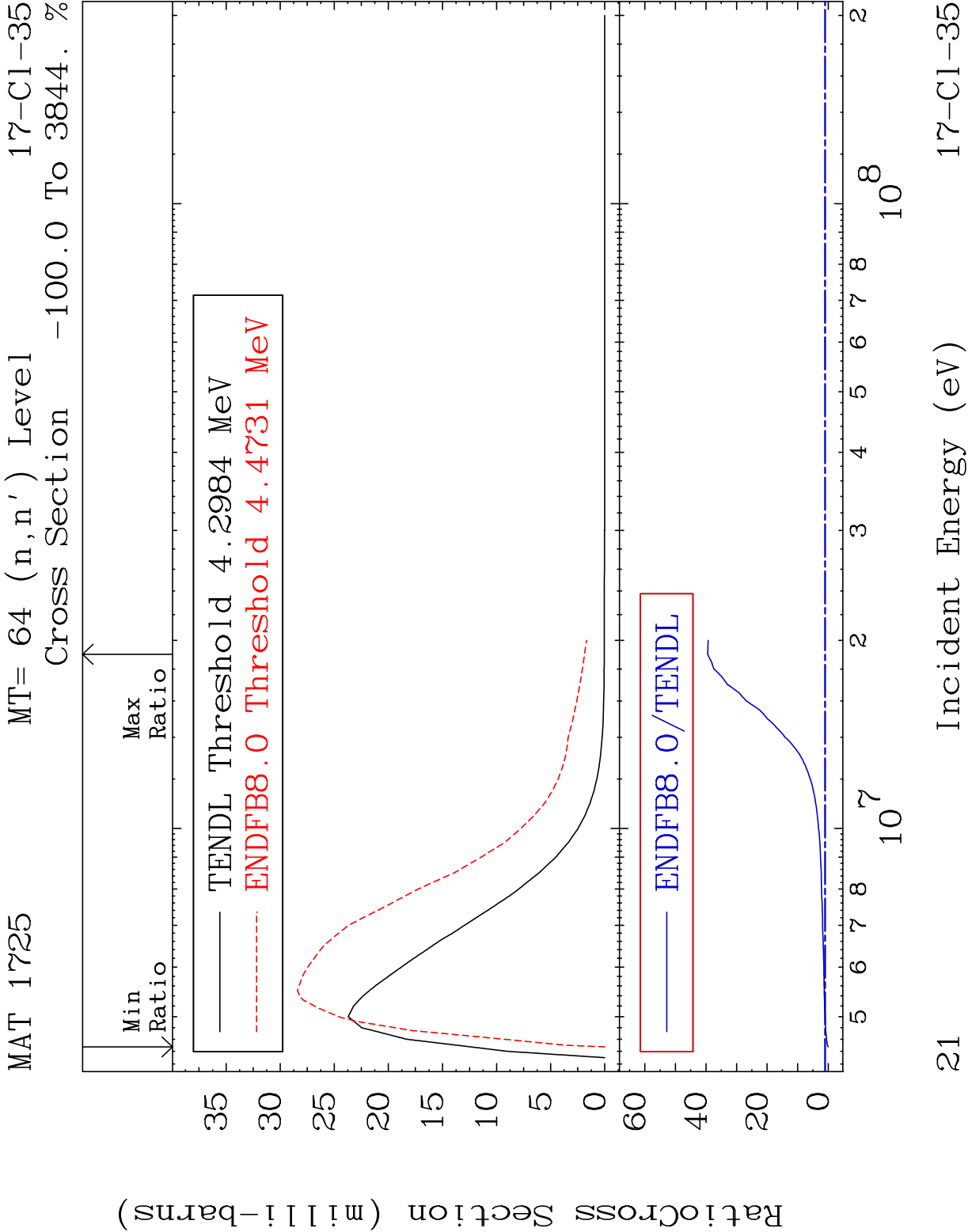




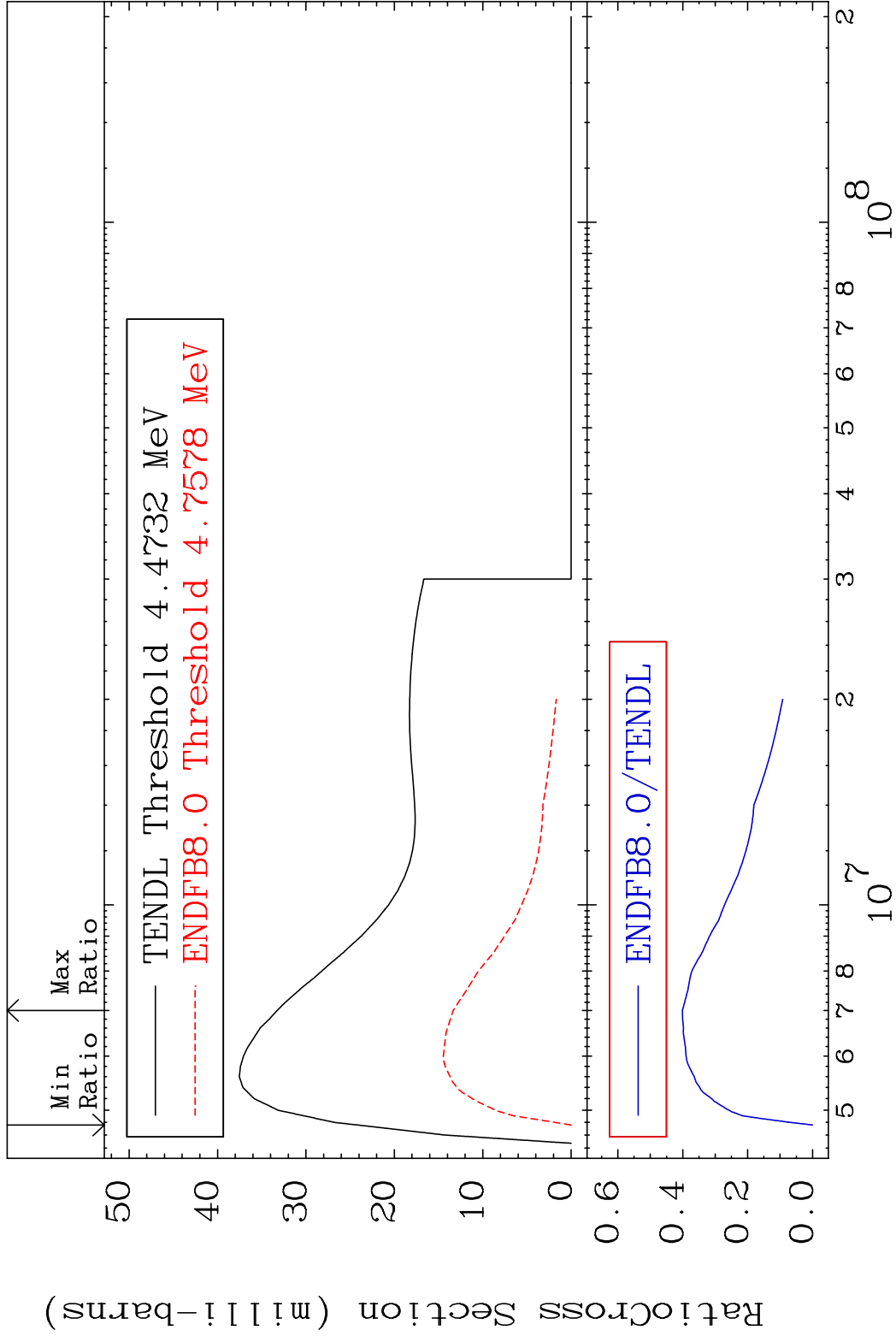




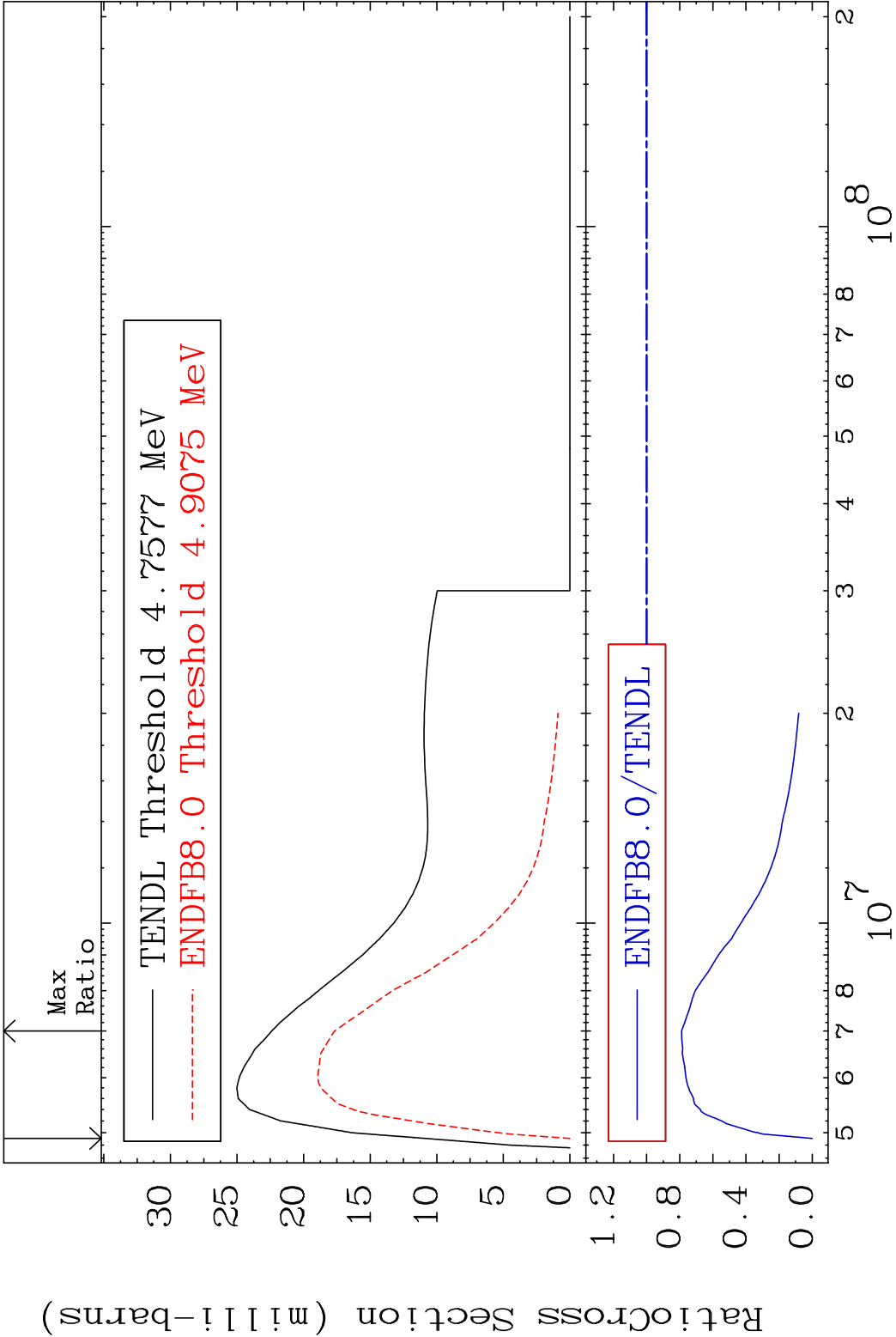




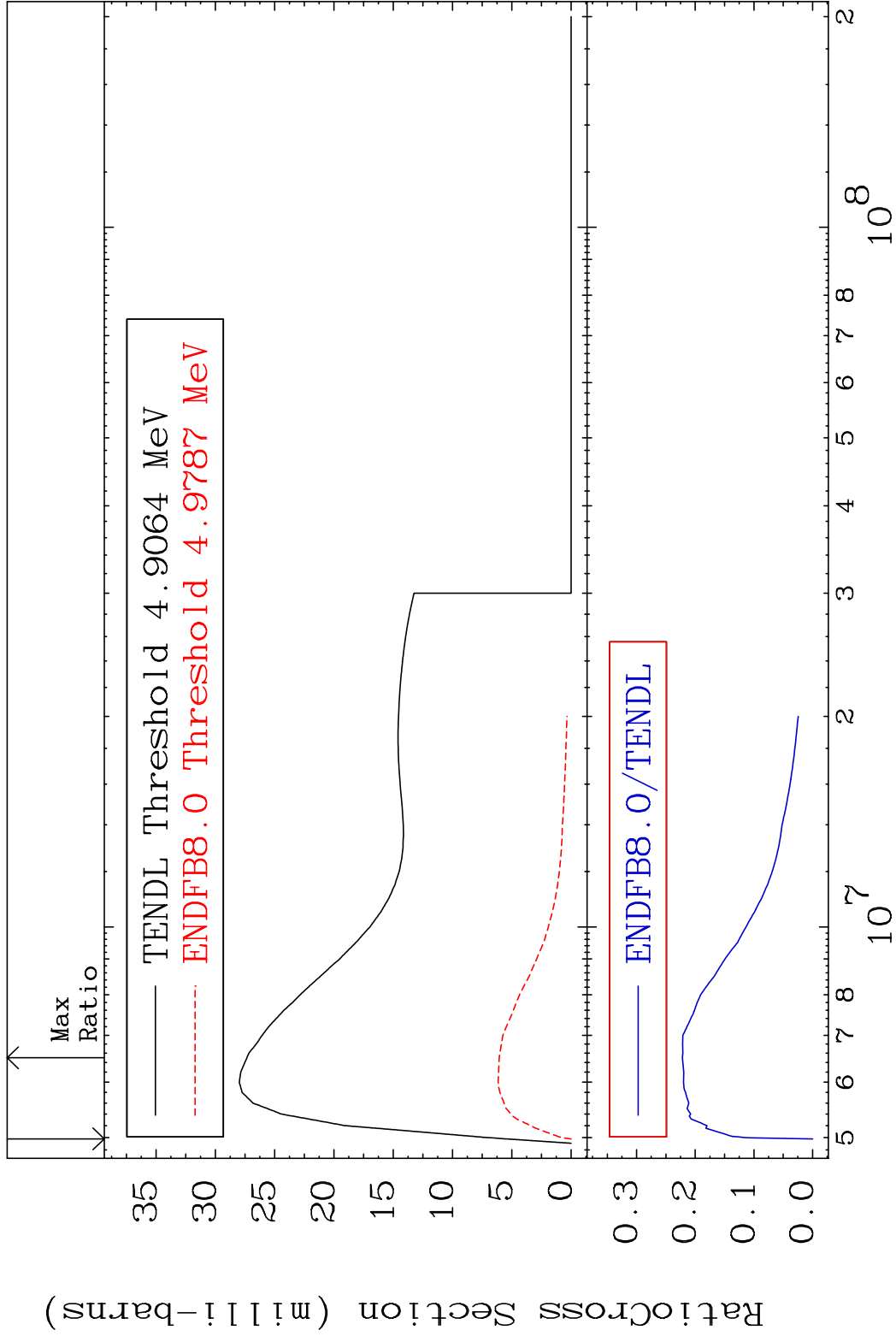
MAT 1725 MT= 65 (n,n') Level 17-Cl-35
Cross Section -100.0 To -59.87%



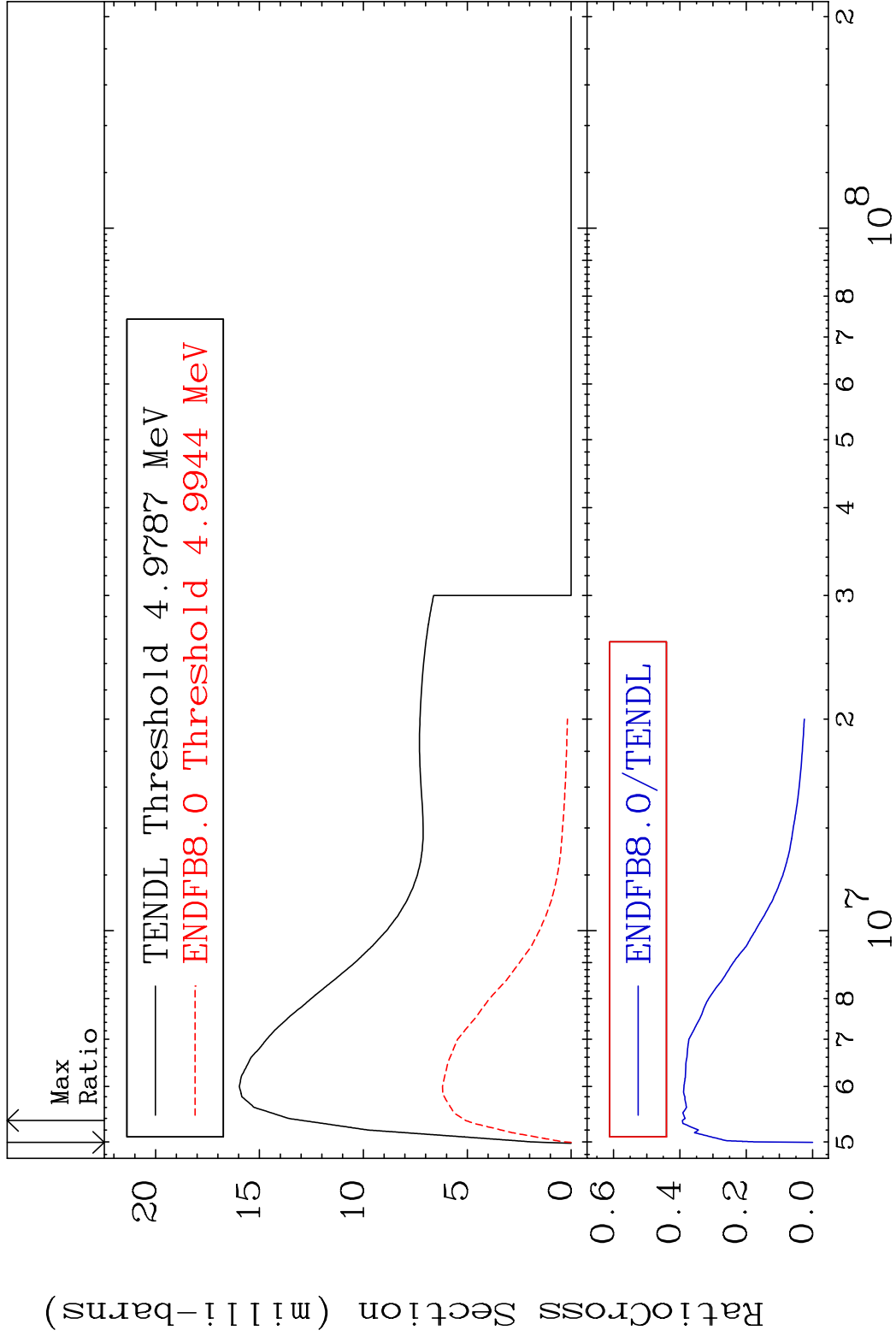
MAT 1725 MT= 66 (n,n') Level 17-Cl-35
Cross Section -100.0 To -21.06%

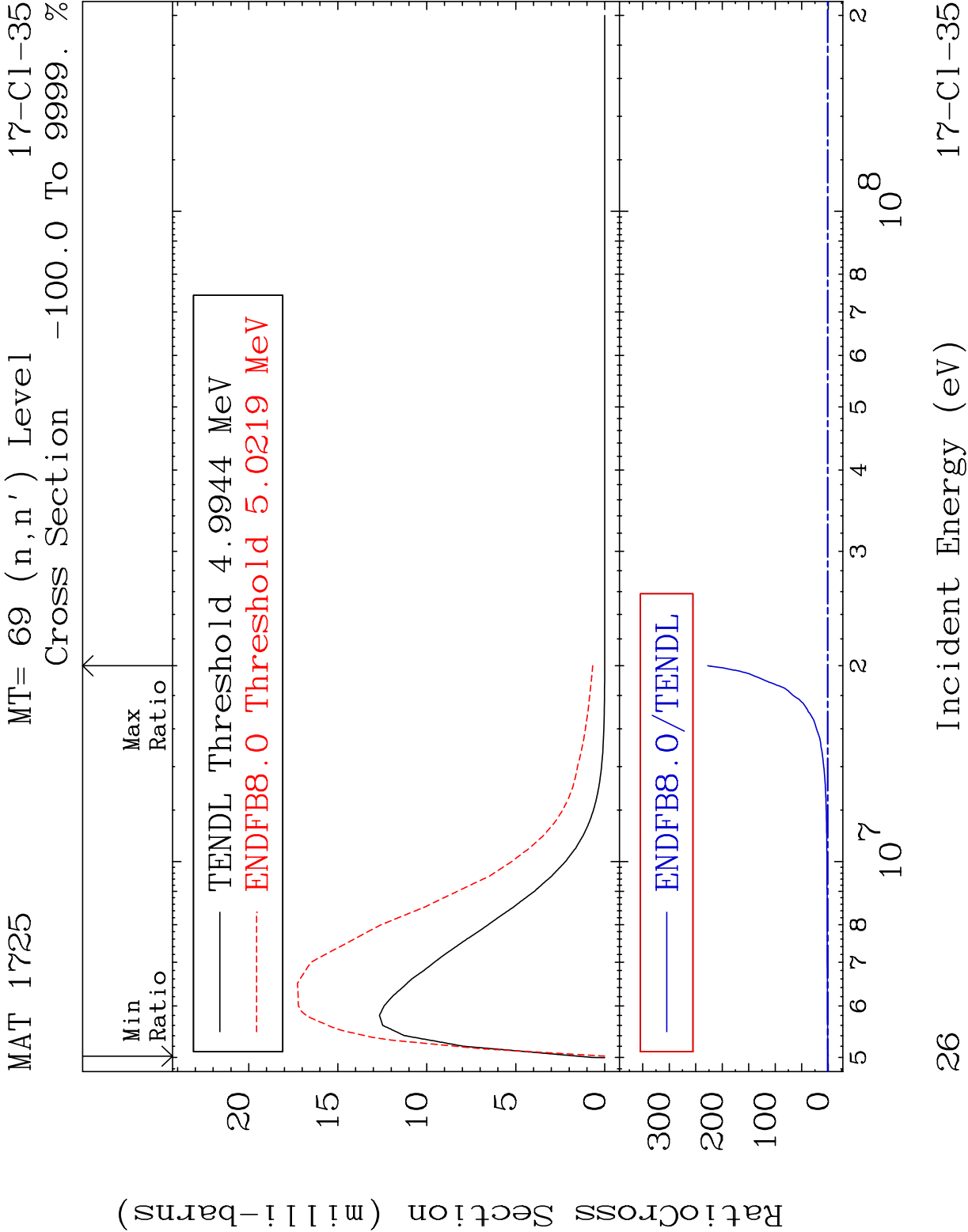


MAT 1725 MT= 67 (n,n') Level 17-Cl-35
Cross Section -100.0 To -77.80%



MAT 1725 MT= 68 (n,n') Level 17-Cl-35
Cross Section -100.0 To -60.75%



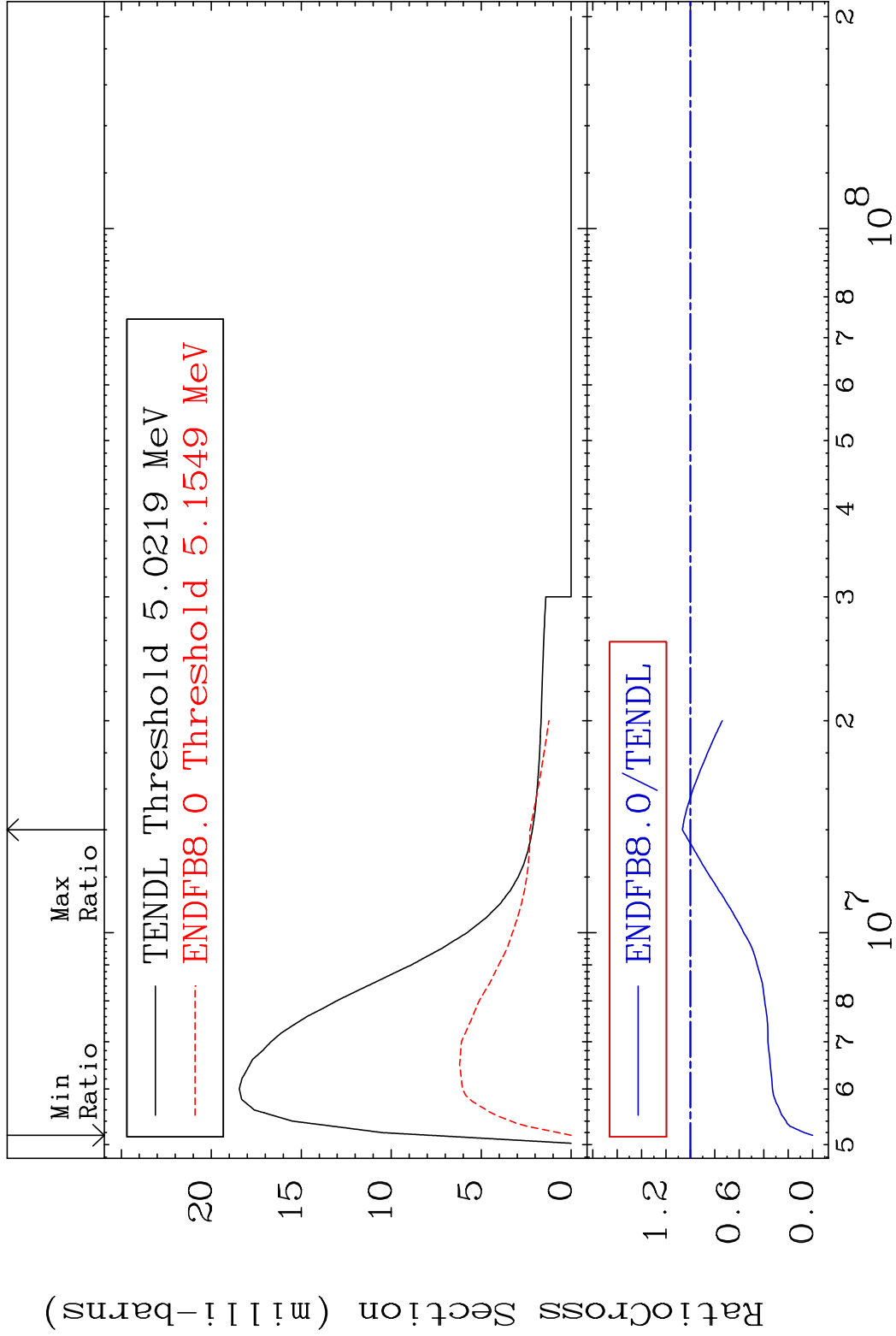


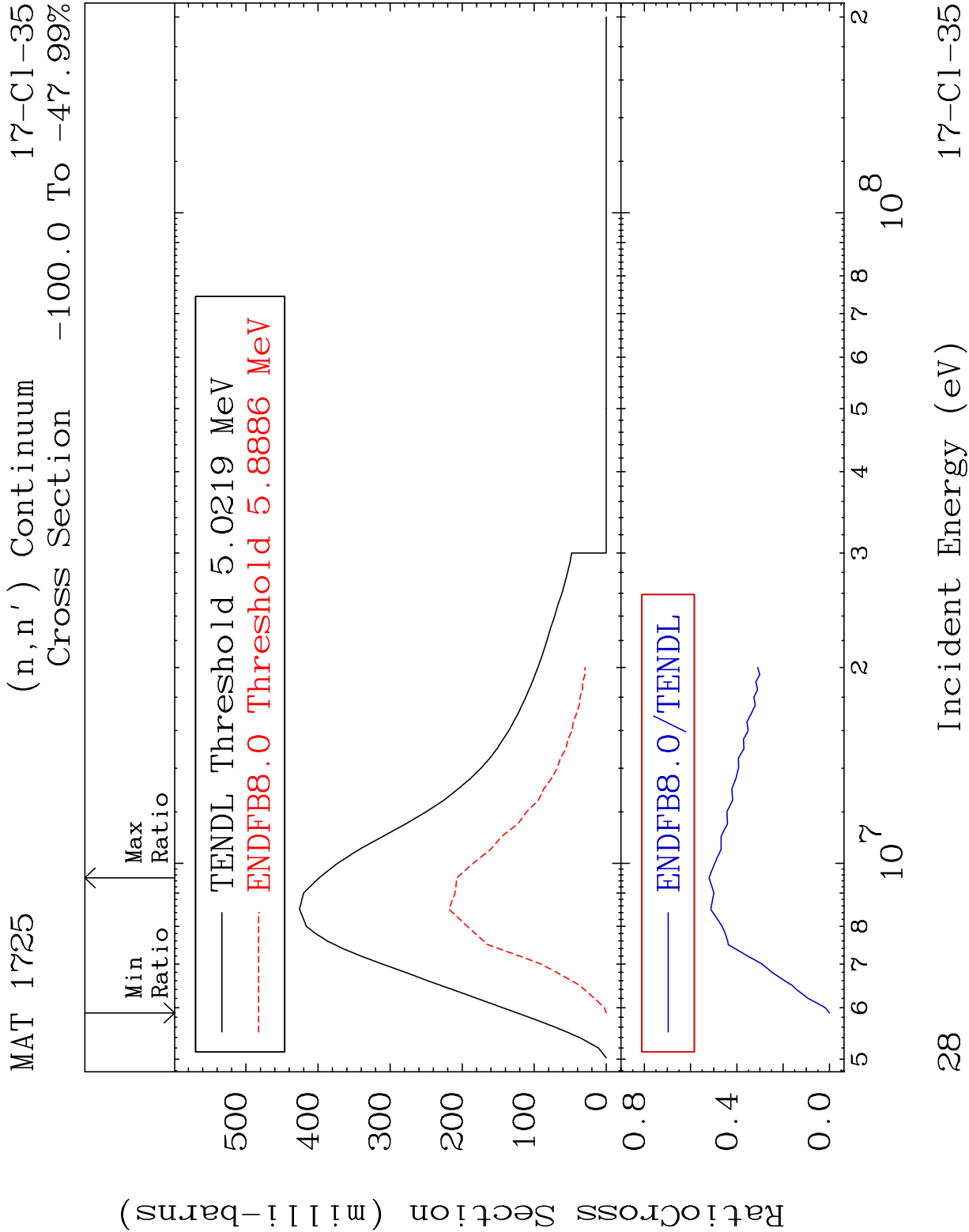
RatioCross Section (milli-barns)

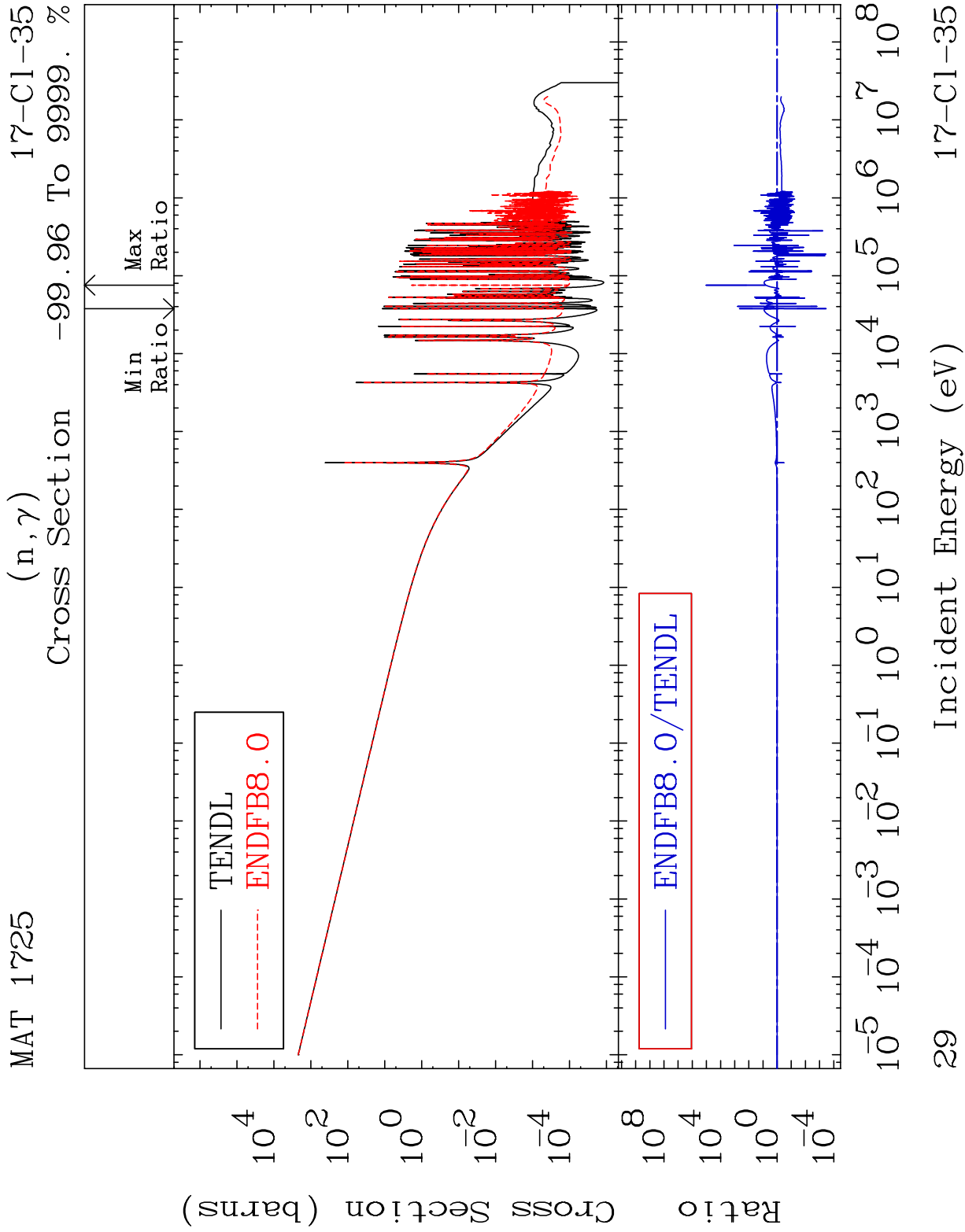
TENDL Threshold 4.9944 MeV
ENDFB8.0 Threshold 5.0219 MeV

Ratio ENDFB8.0/TENDL

MAT 1725 MT= 70 (n,n') Level 17-Cl-35
Cross Section -100.0 To 6.598 %





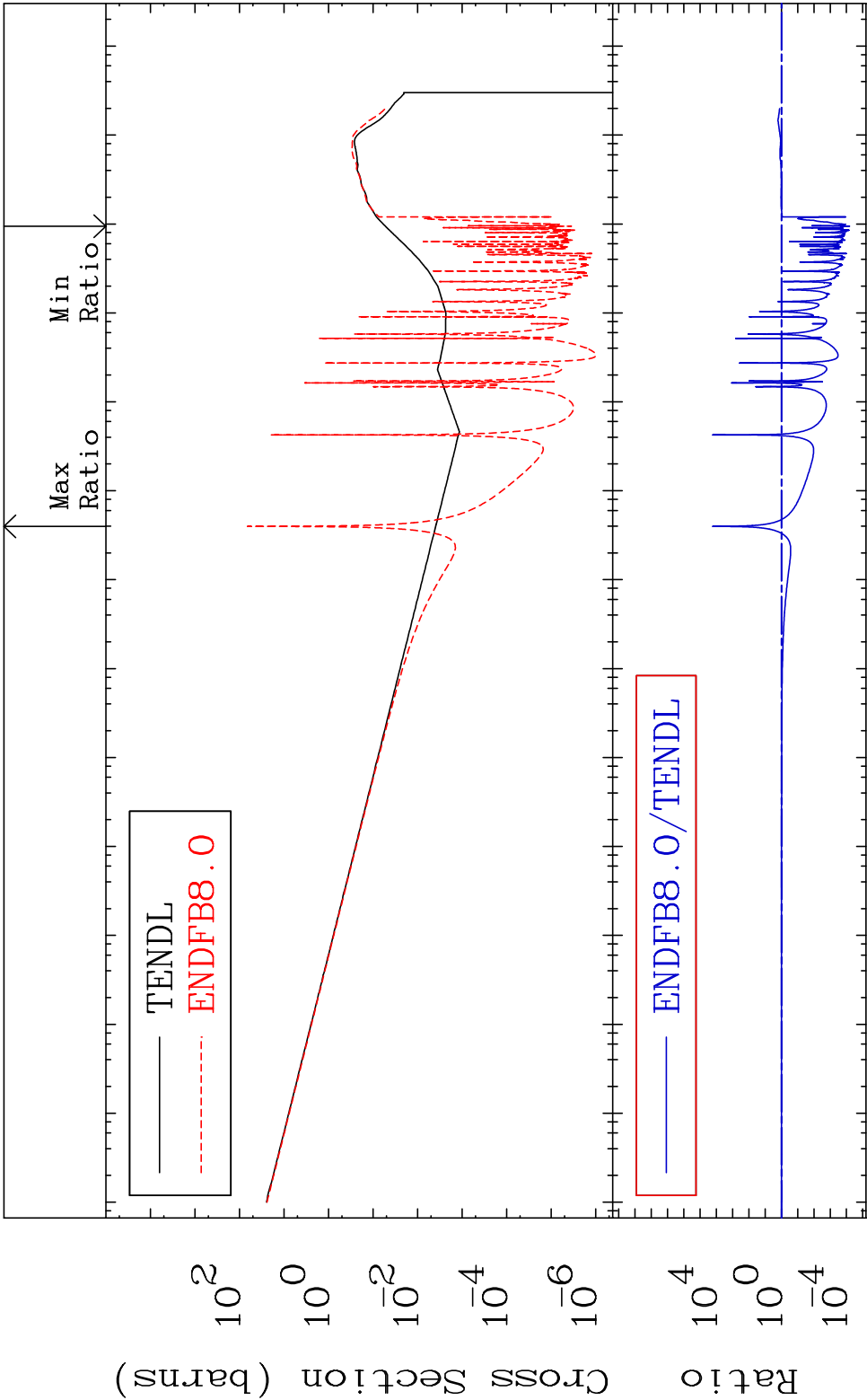


MAT 1725

(n,p)

17-Cl-35

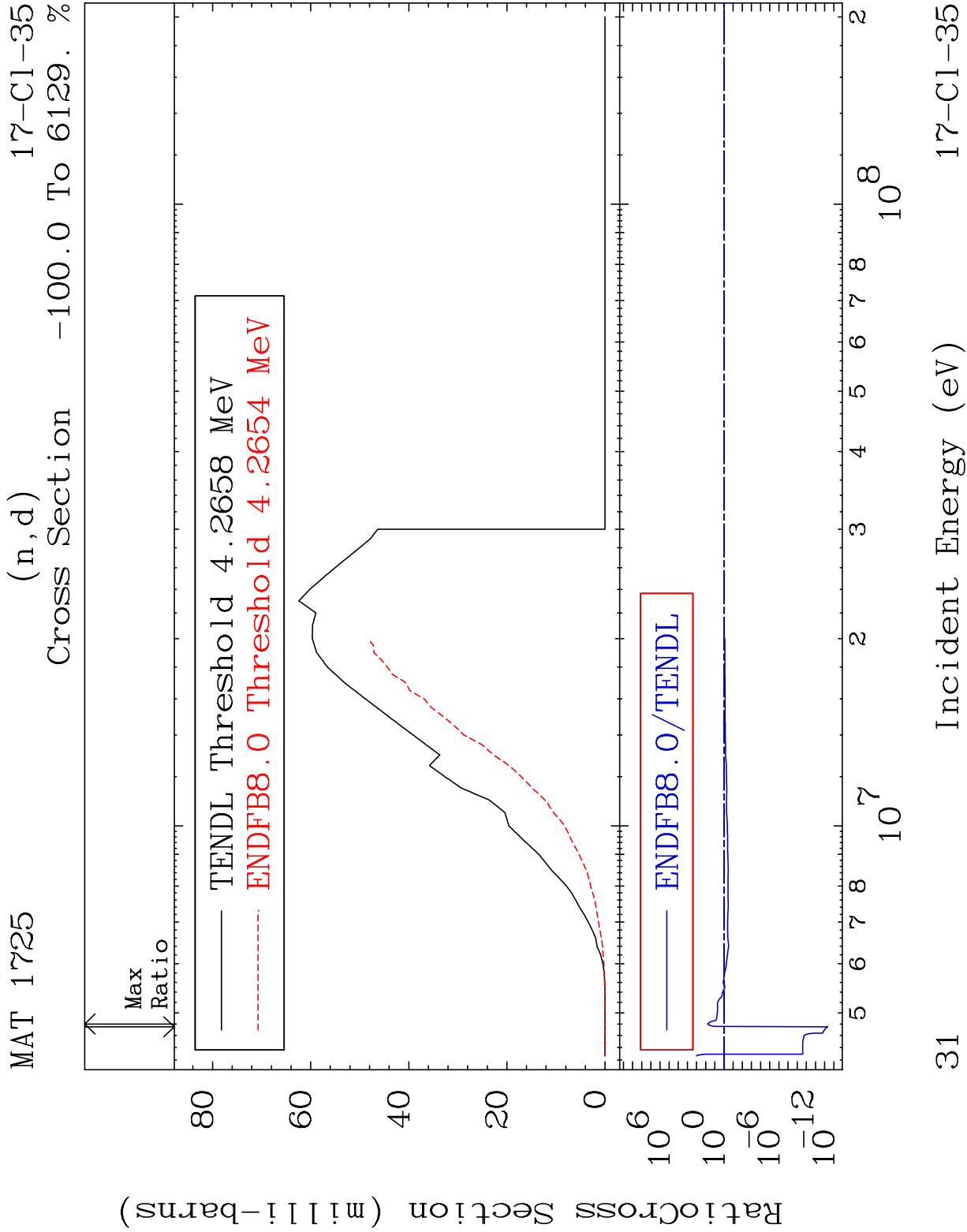
Cross Section -99.99 To 9999. %

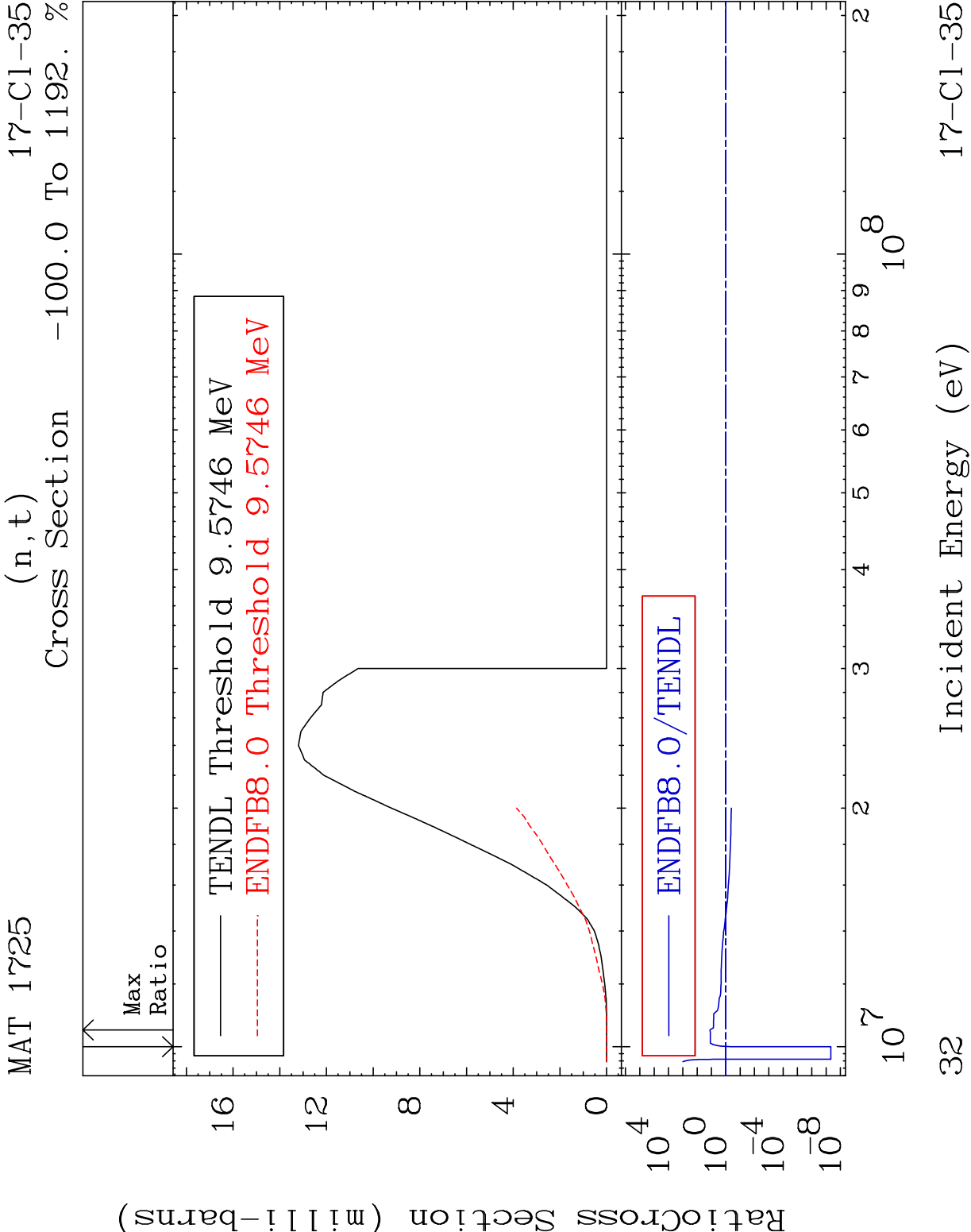


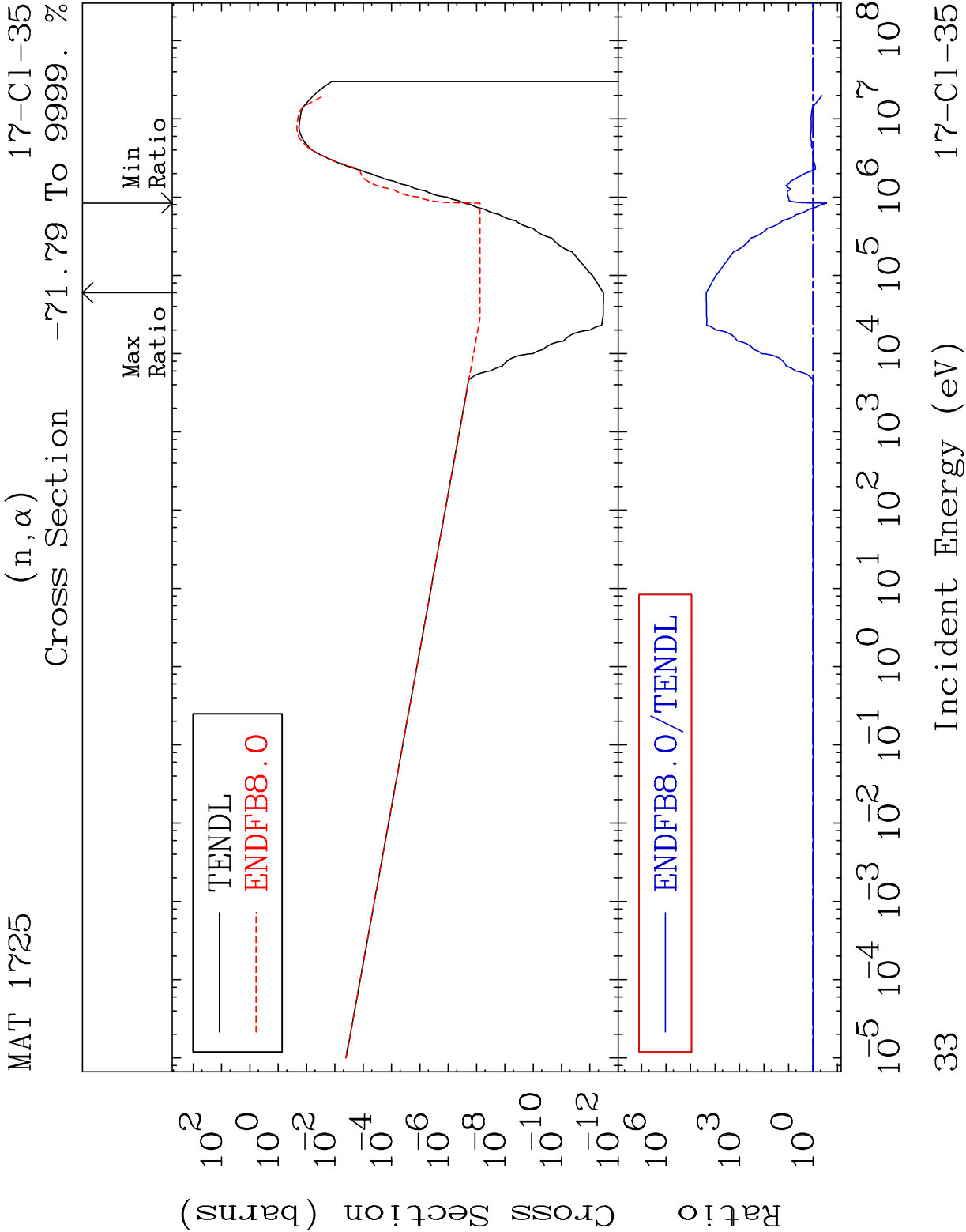
30

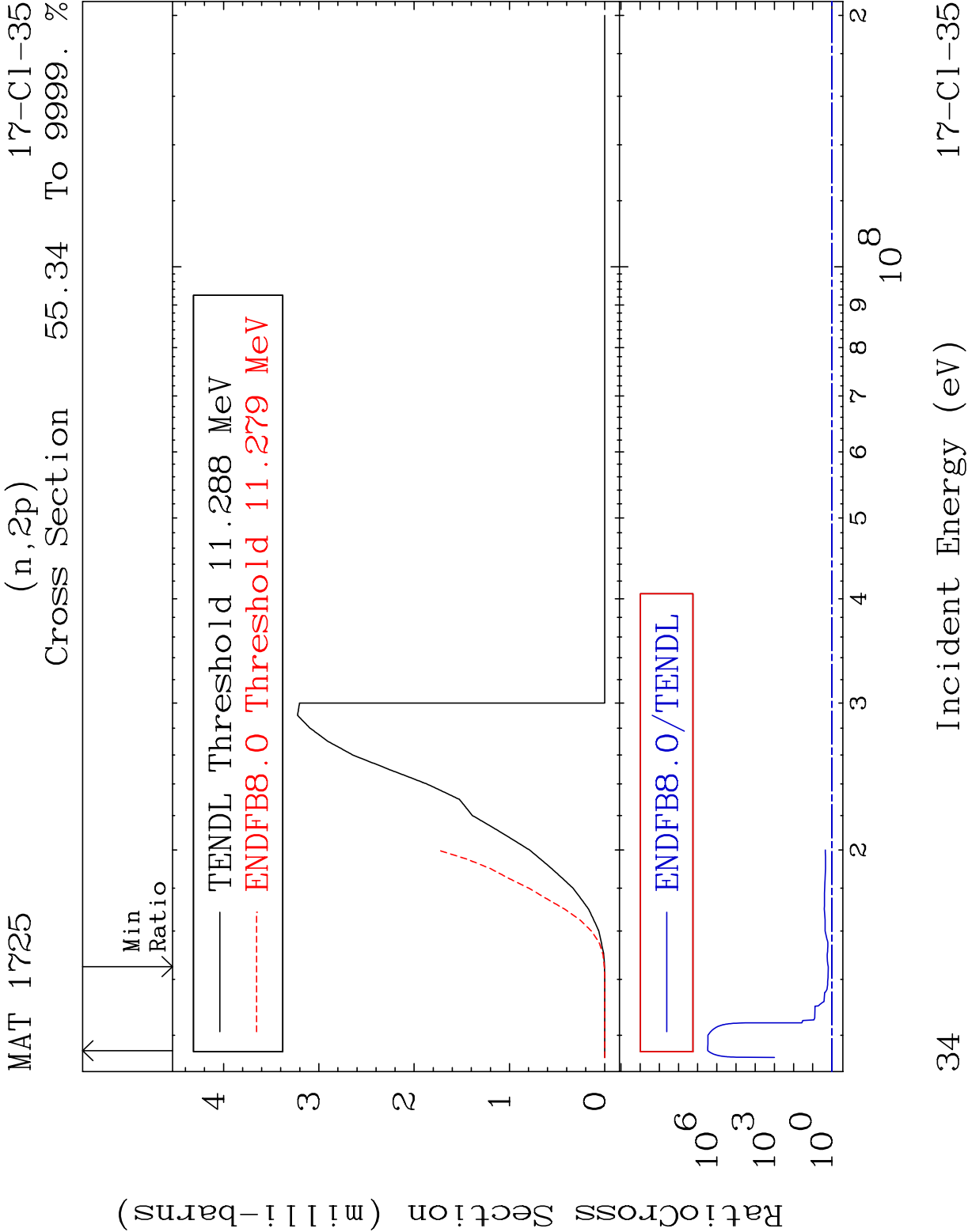
Incident Energy (eV)

17-Cl-35







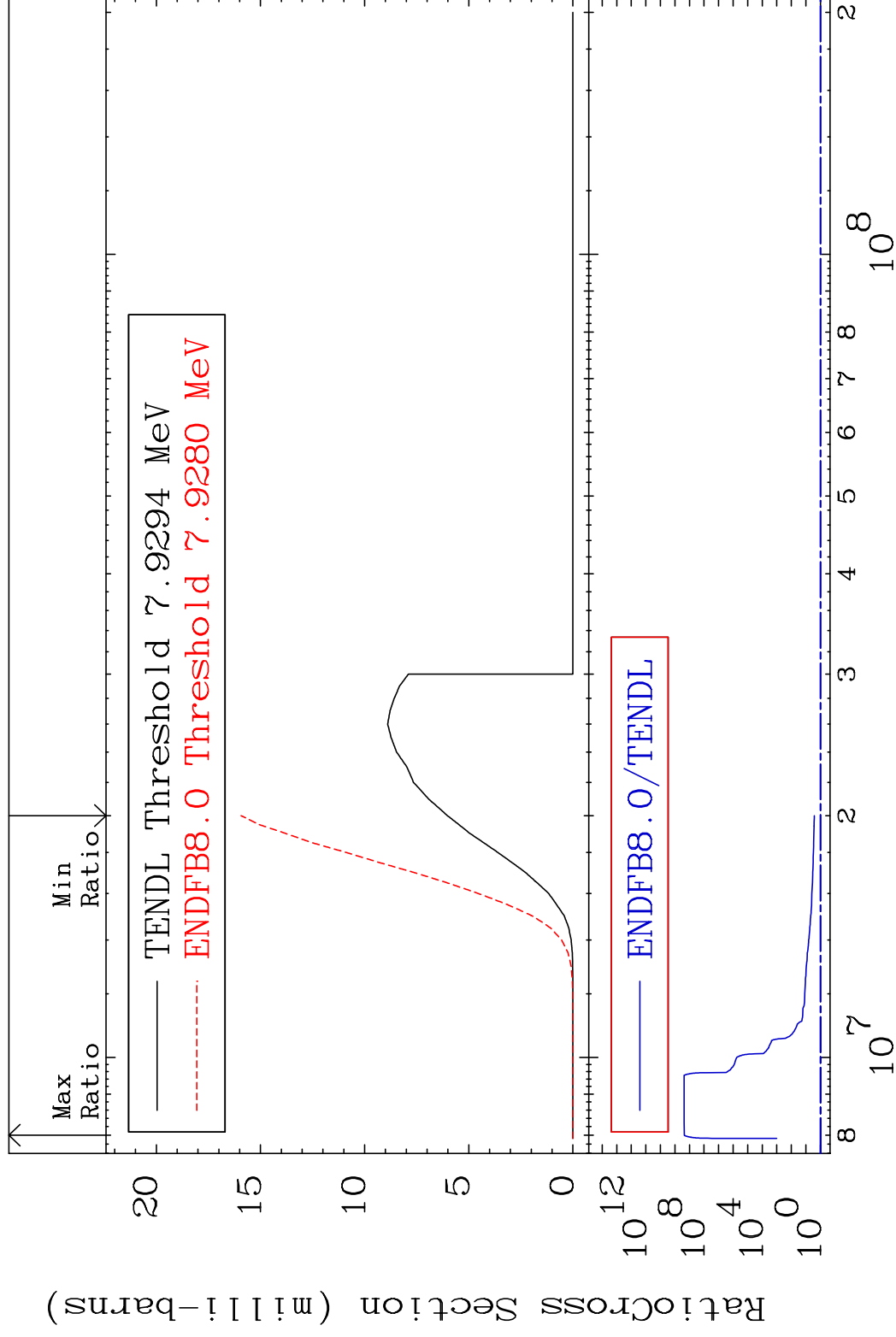


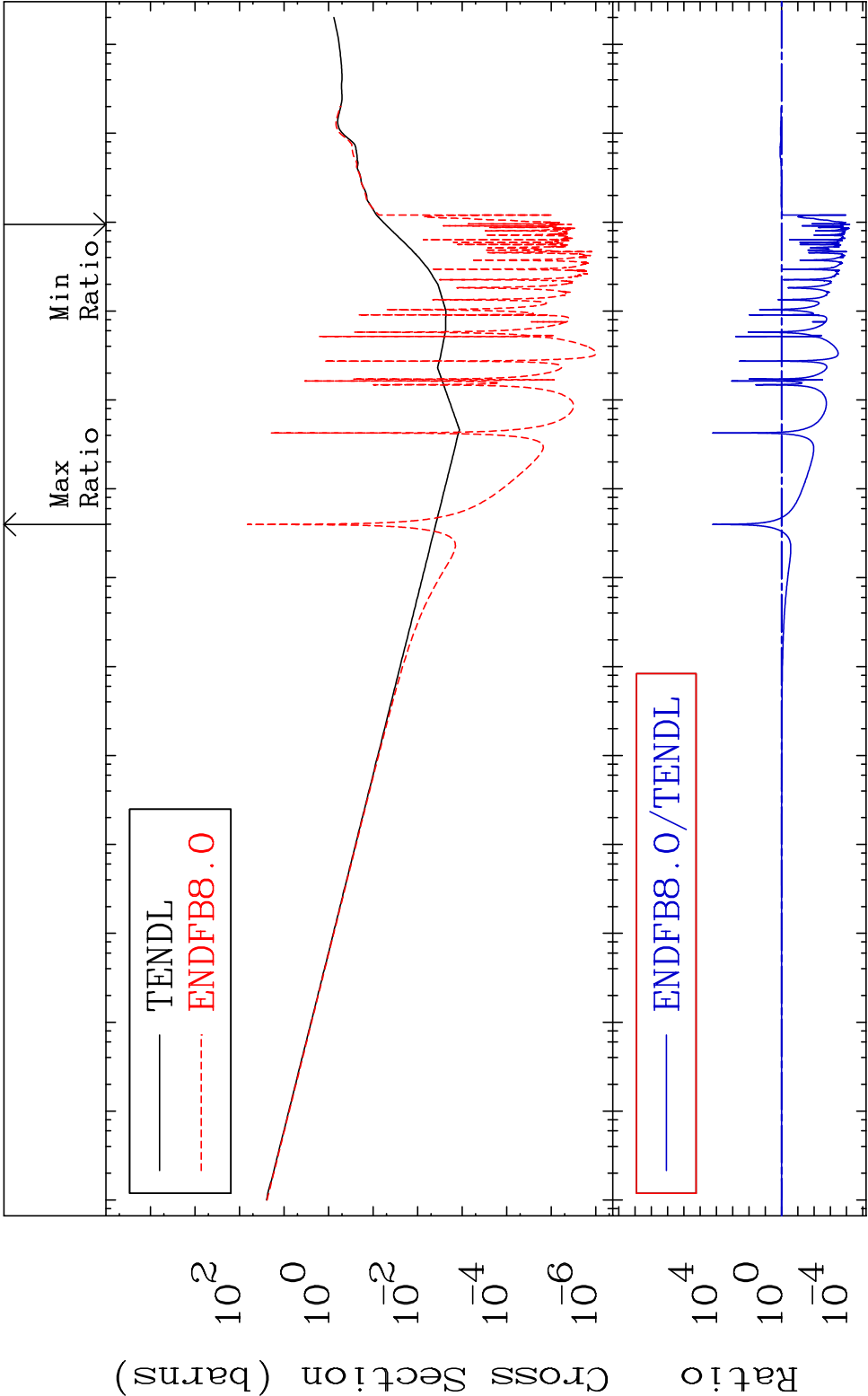
MAT 1725

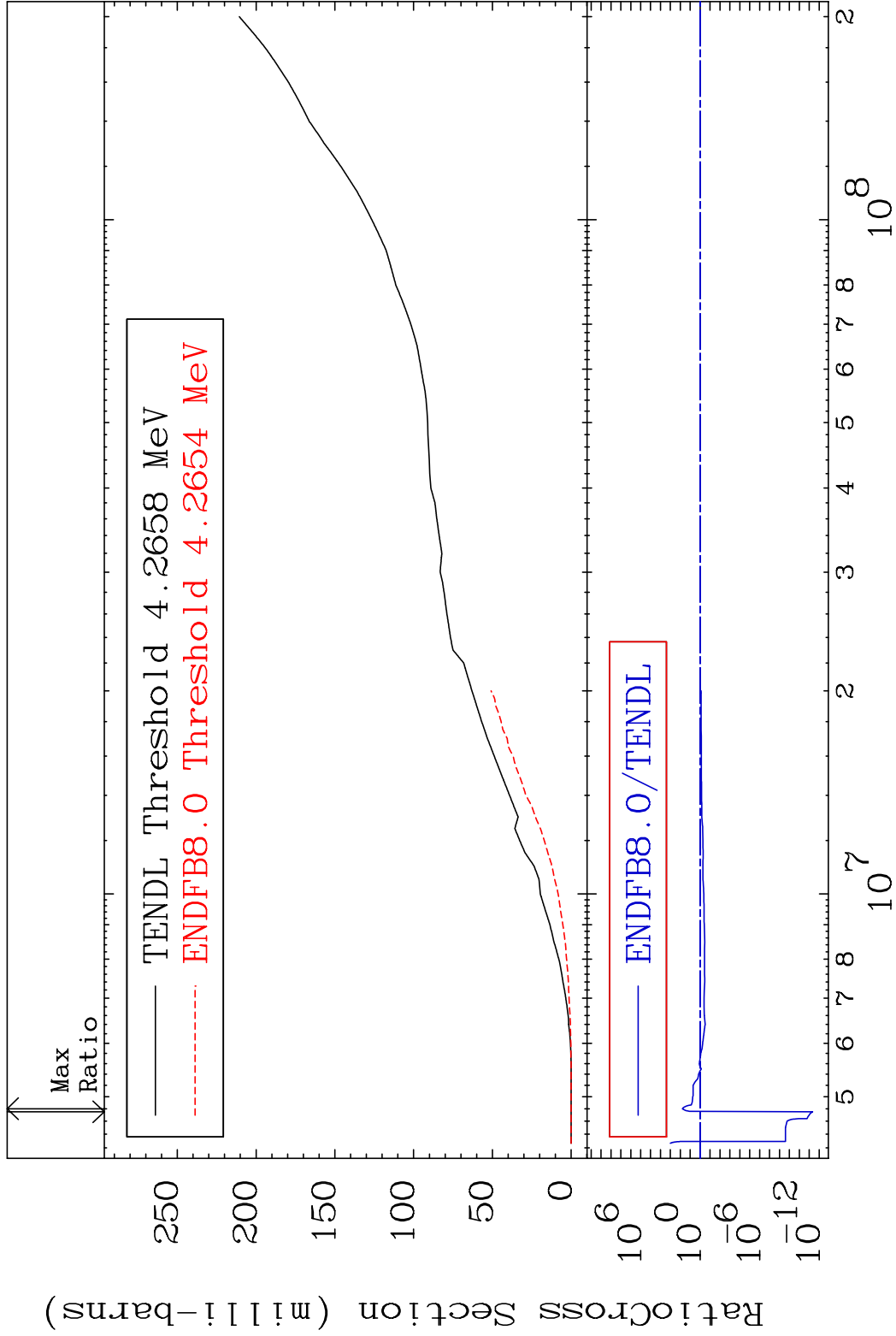
$$(n, p) \propto$$

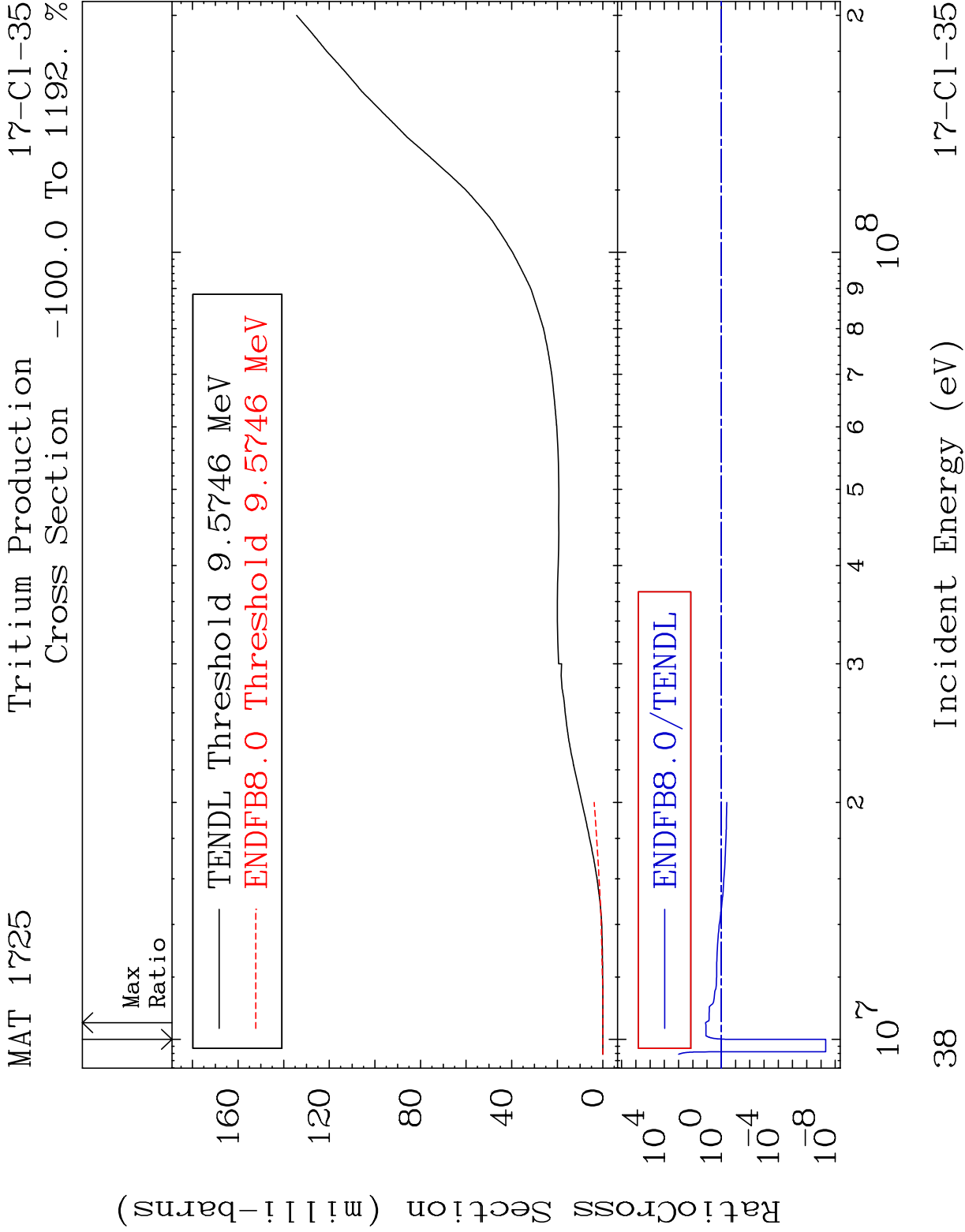
17-C1-35

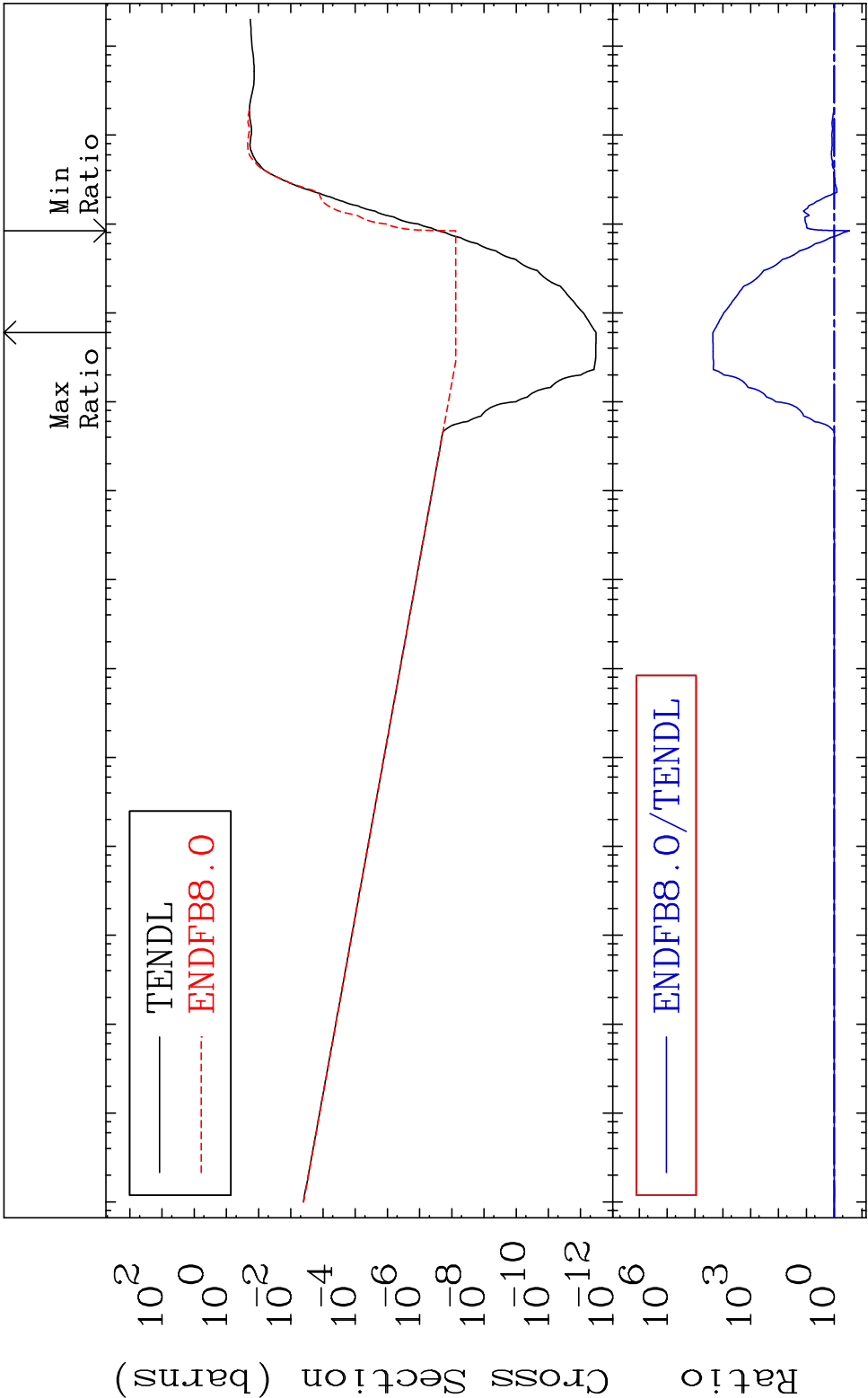
Cross Section 164.5 To 9999. %

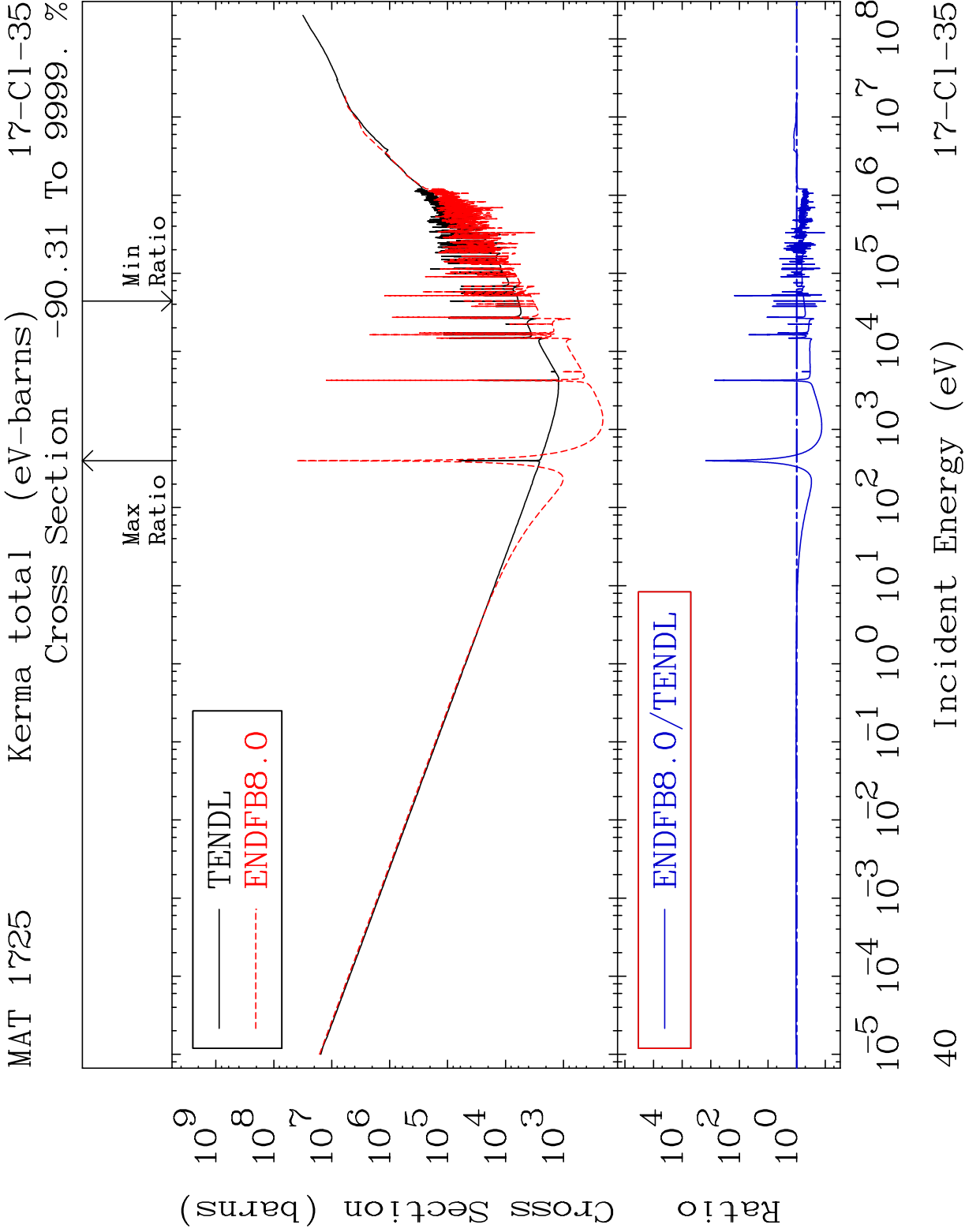


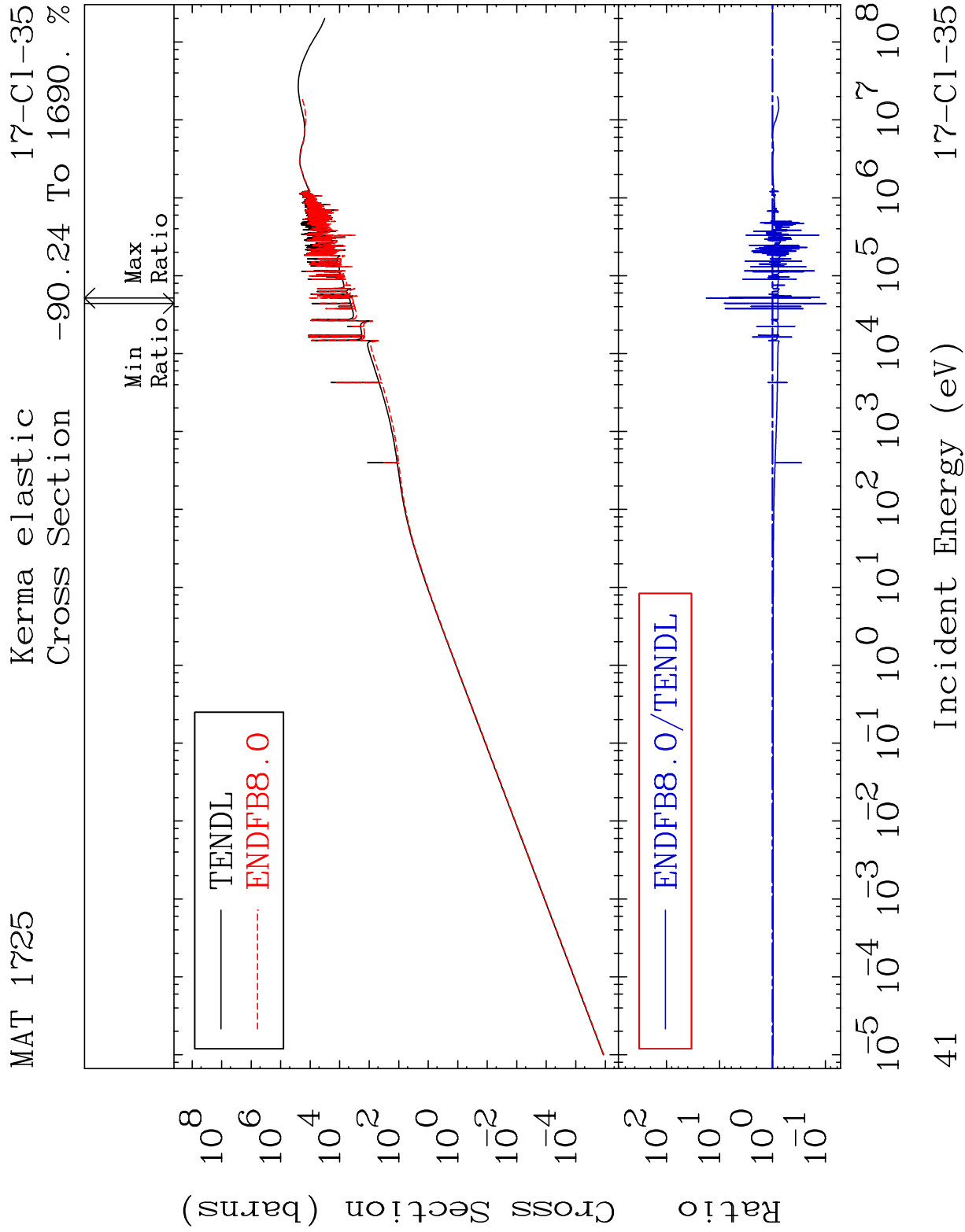




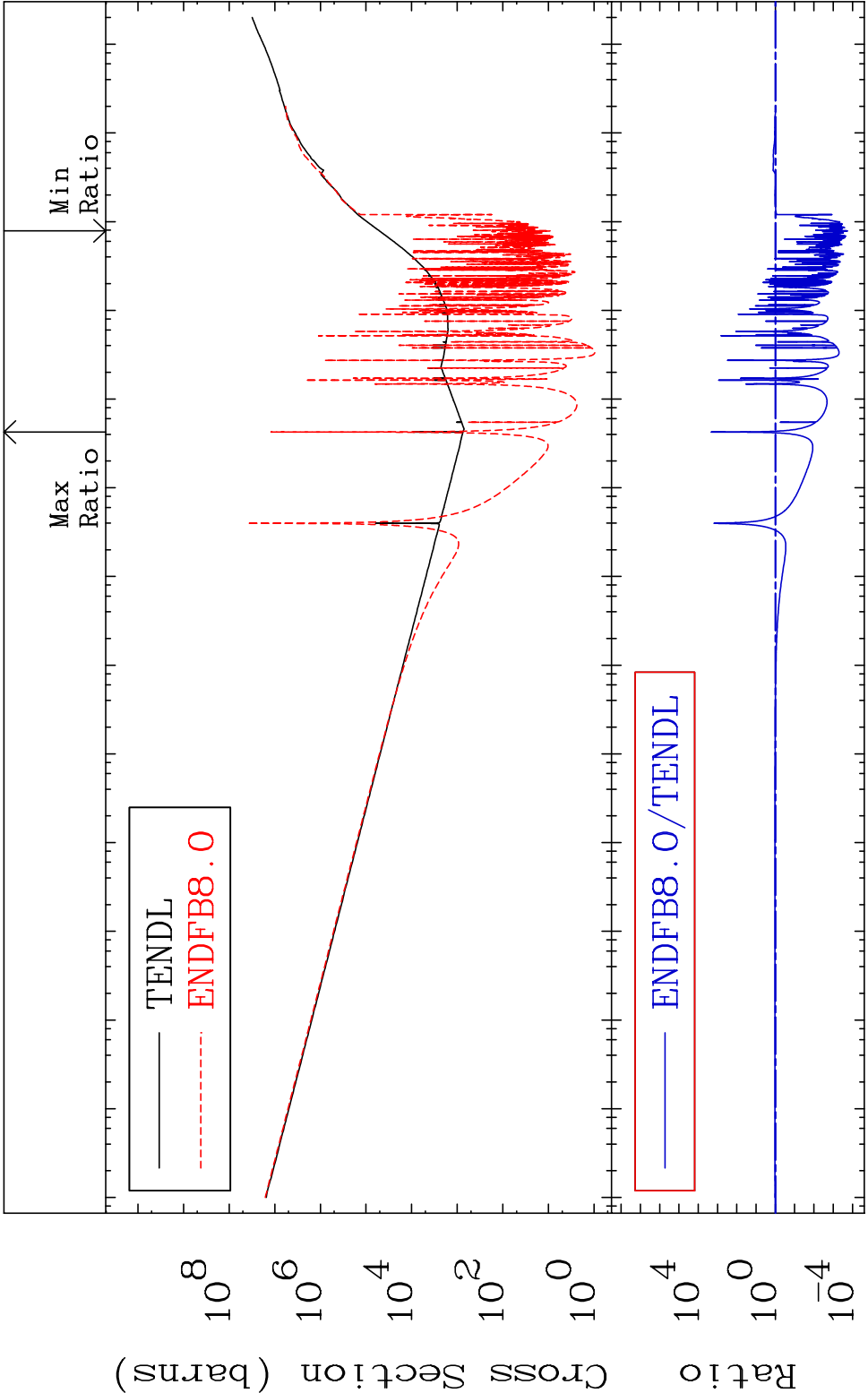


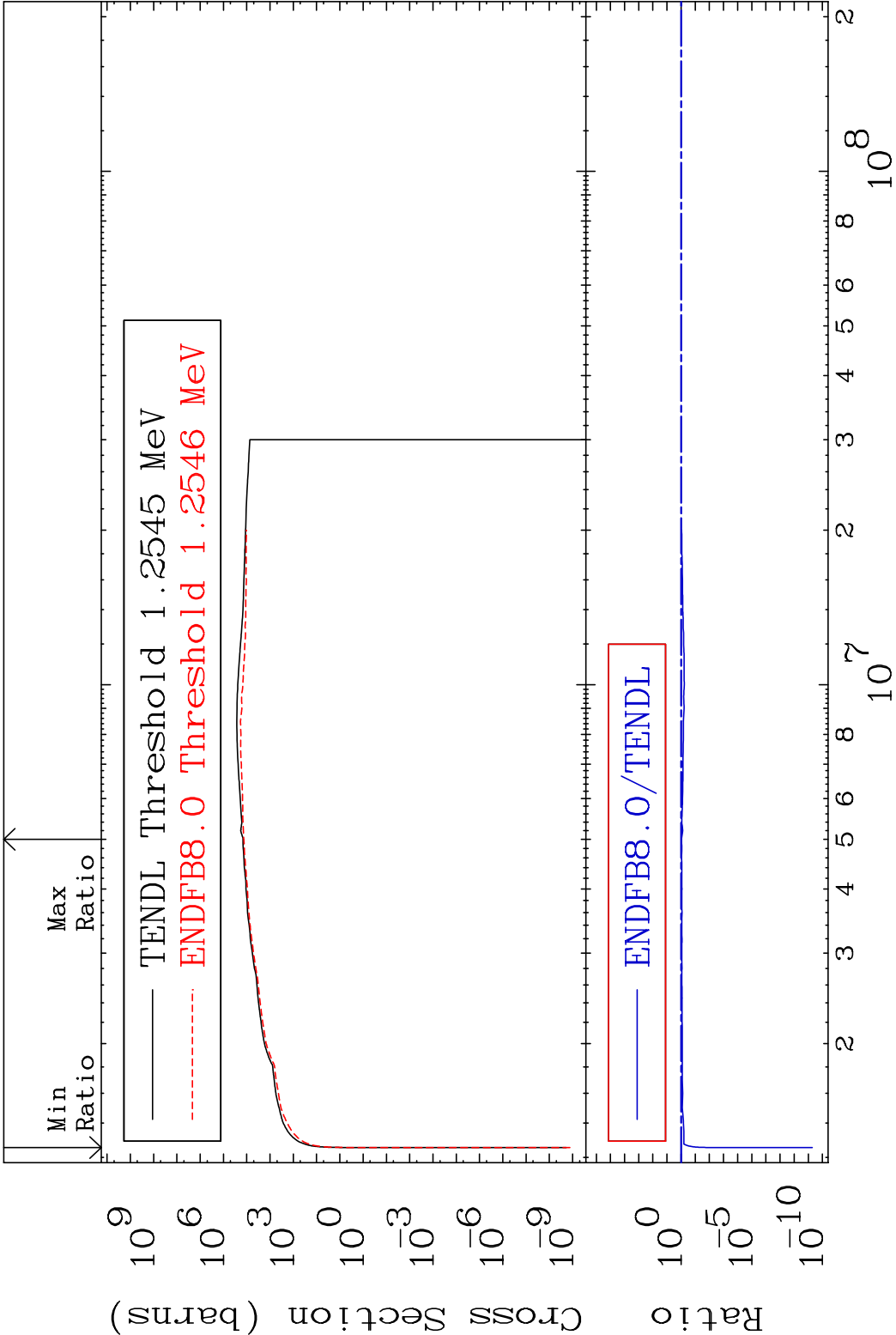




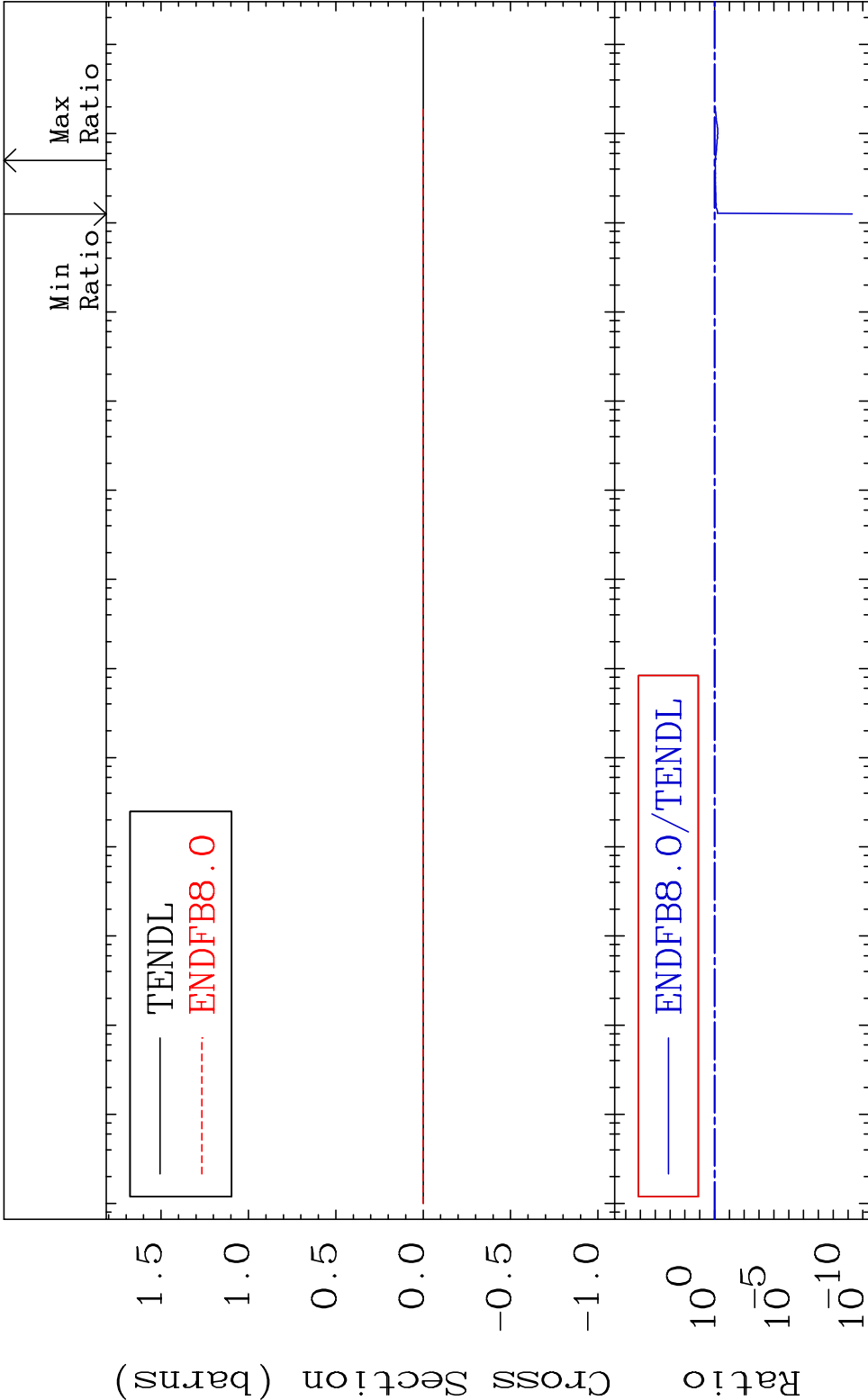


MAT 1725 Kerma non-elastic (all but mt2) 17-Cl-35
Cross Section -99.98 To 9999. %

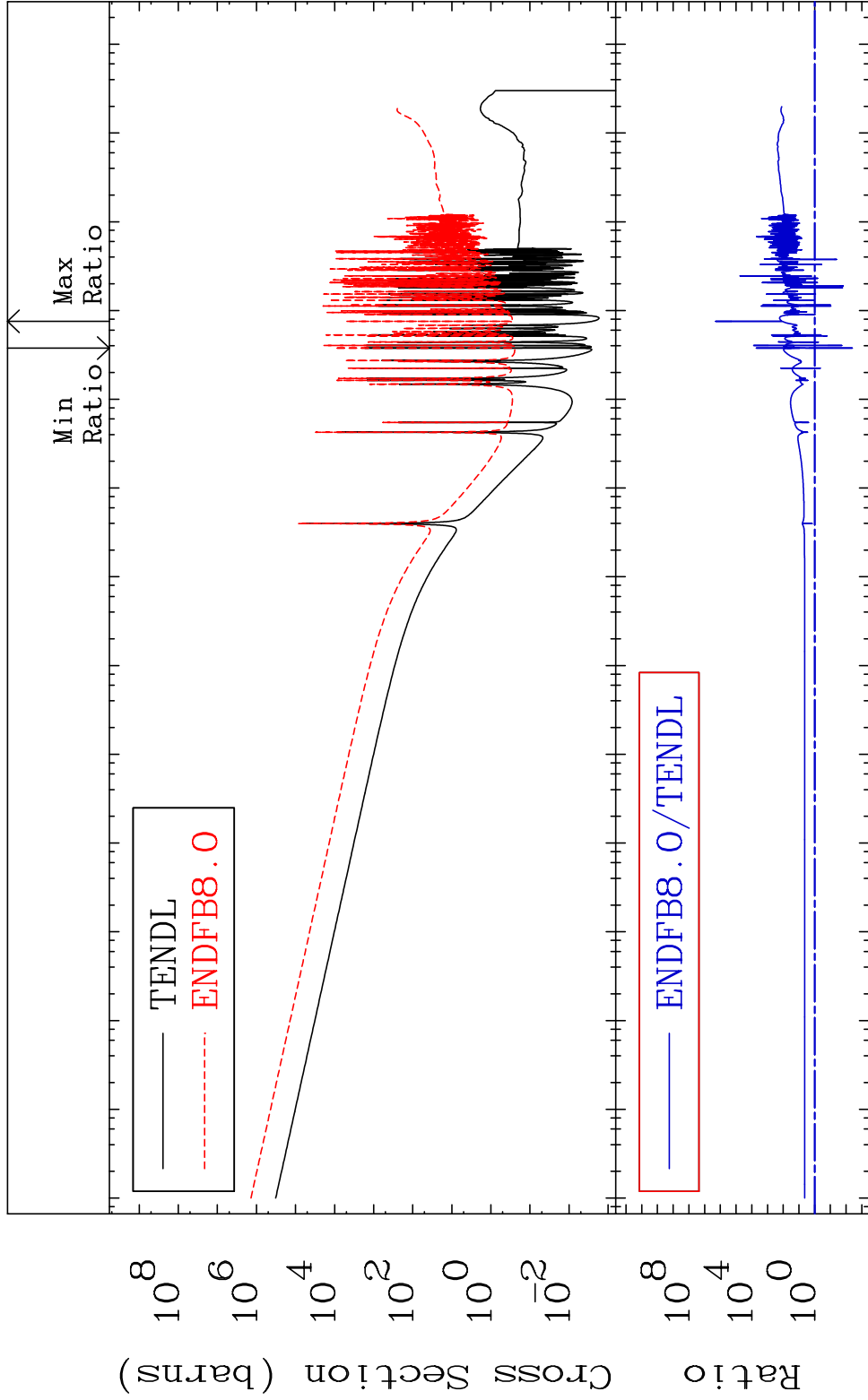


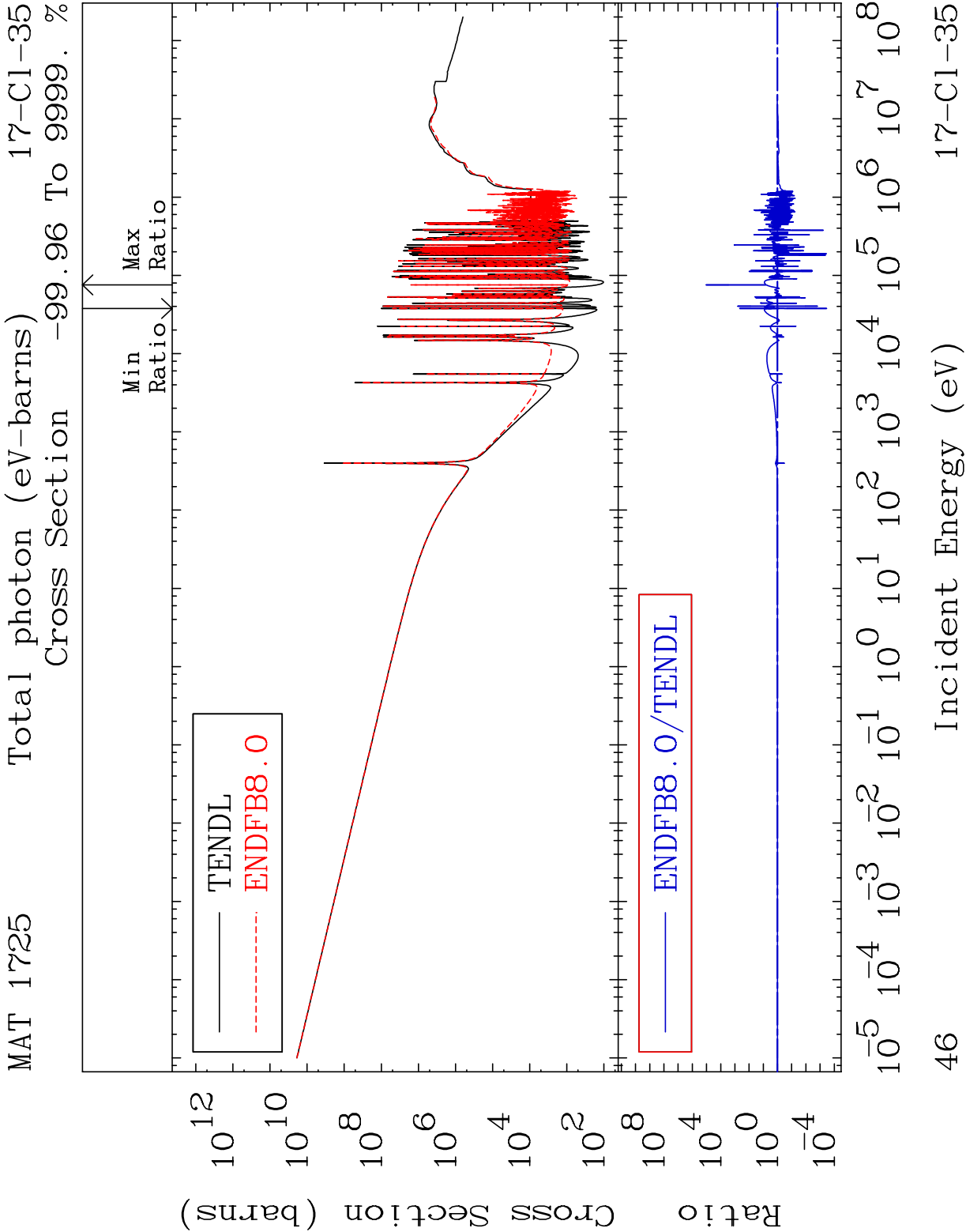


MAT 1725 Kerma fission (mt18 or mt19-20-21-38) 17-C1-35
Cross Section -100.0 To -6.825%

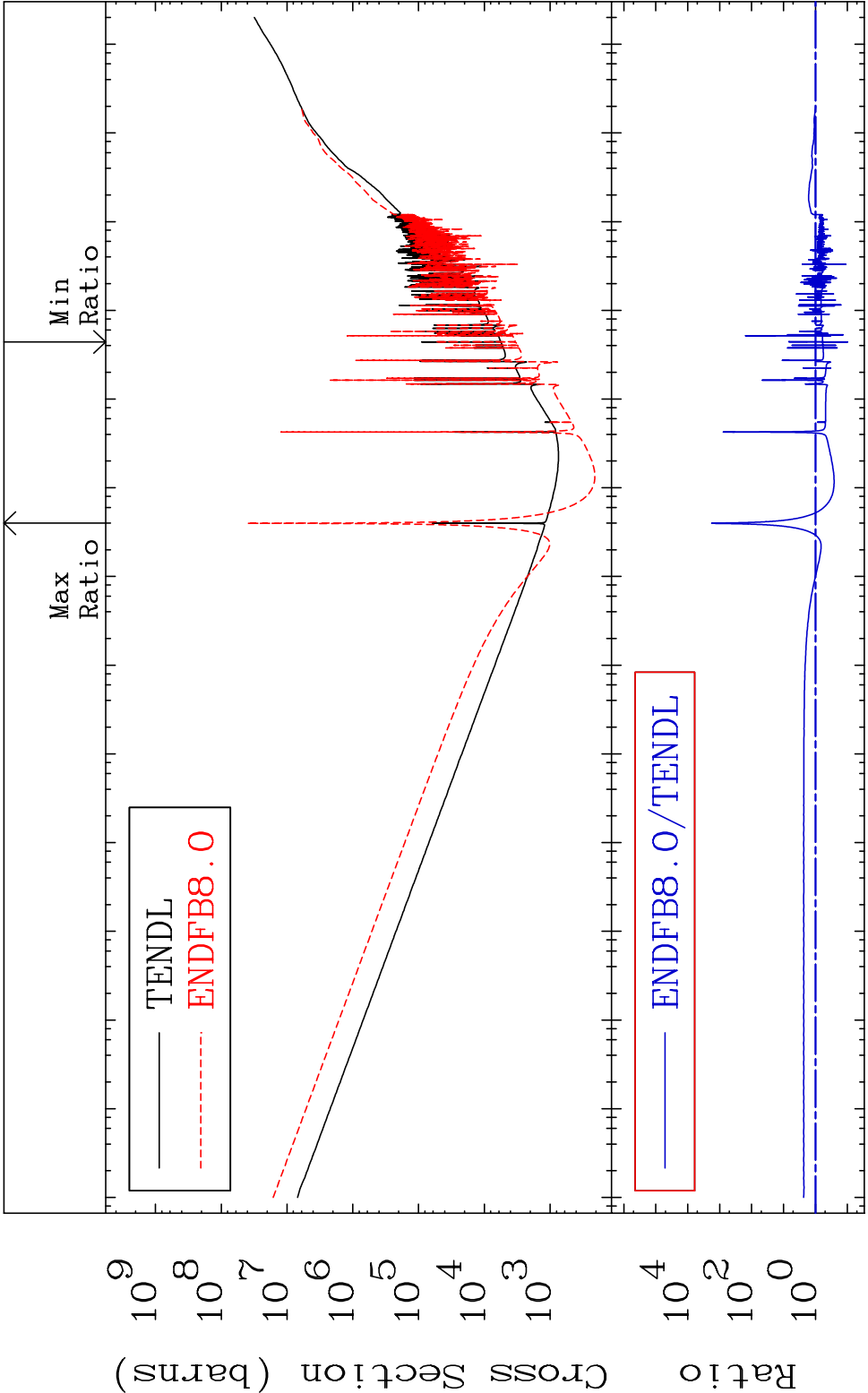


MAT 1725 Kerma capture (mt102) 17-Cl-35
Cross Section -99.59 To 9999. %





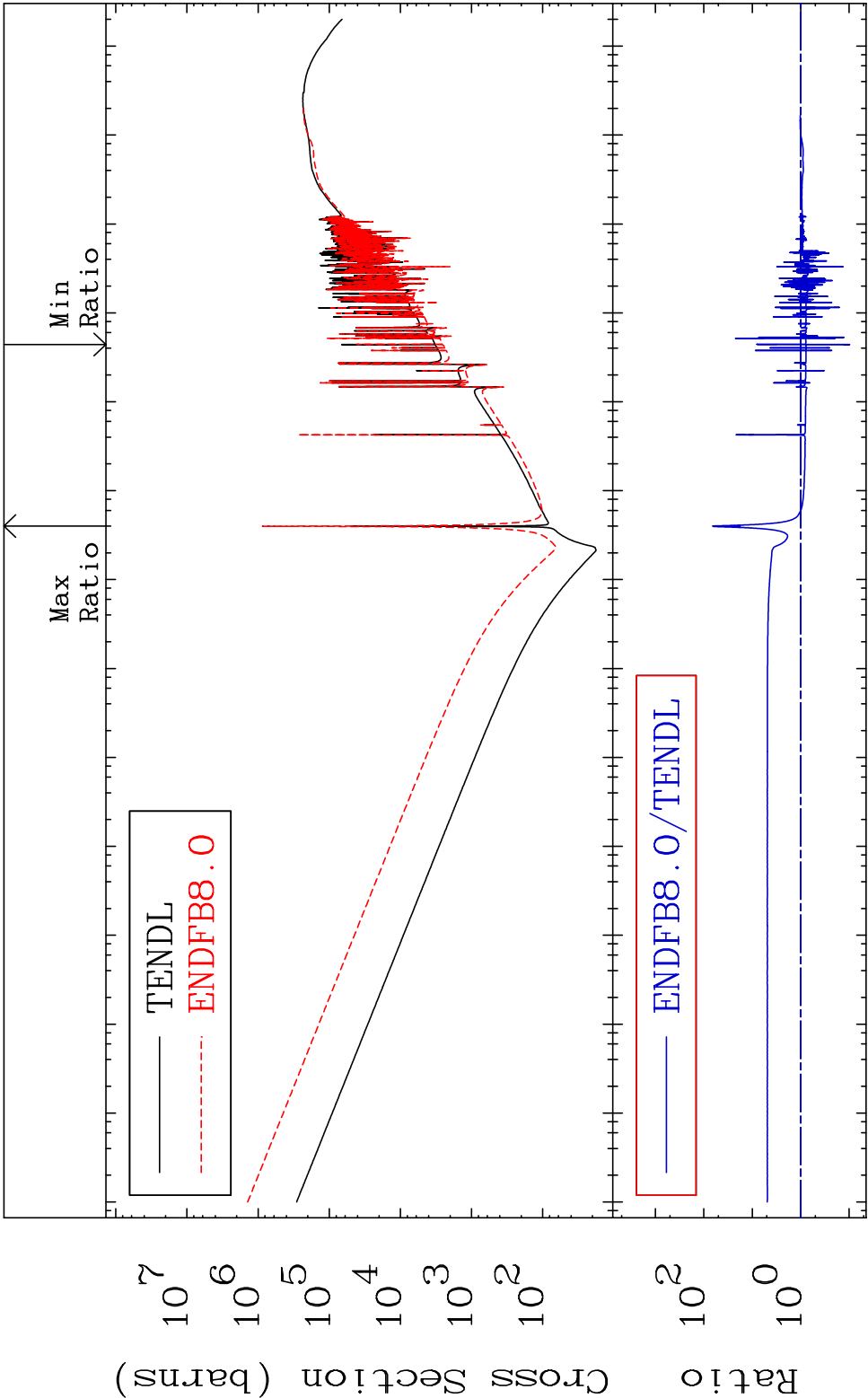
MAT 1725 Total kinematic kerma (high limit) 17-Cl-35
Cross Section -90.26 To 9999. %



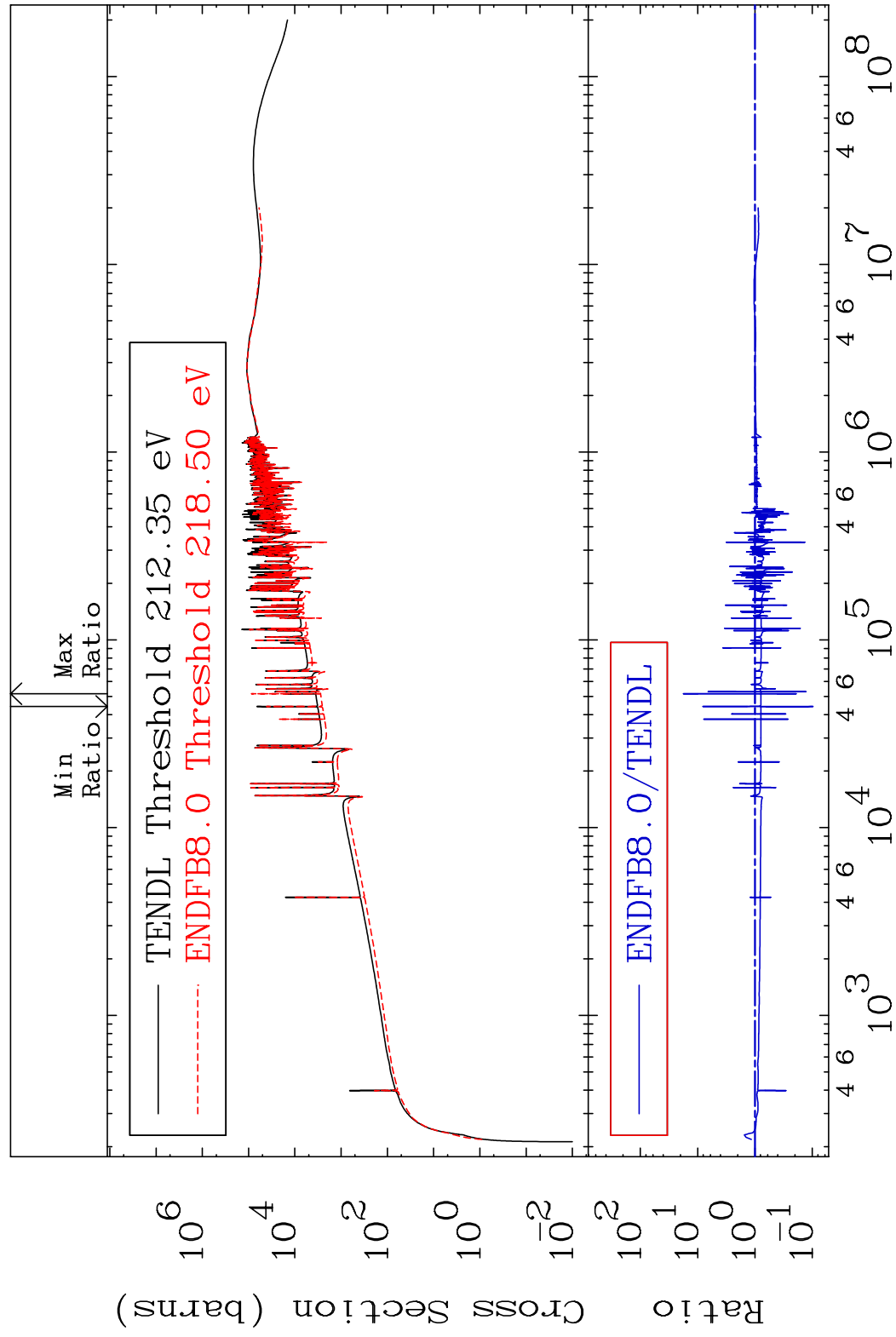
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

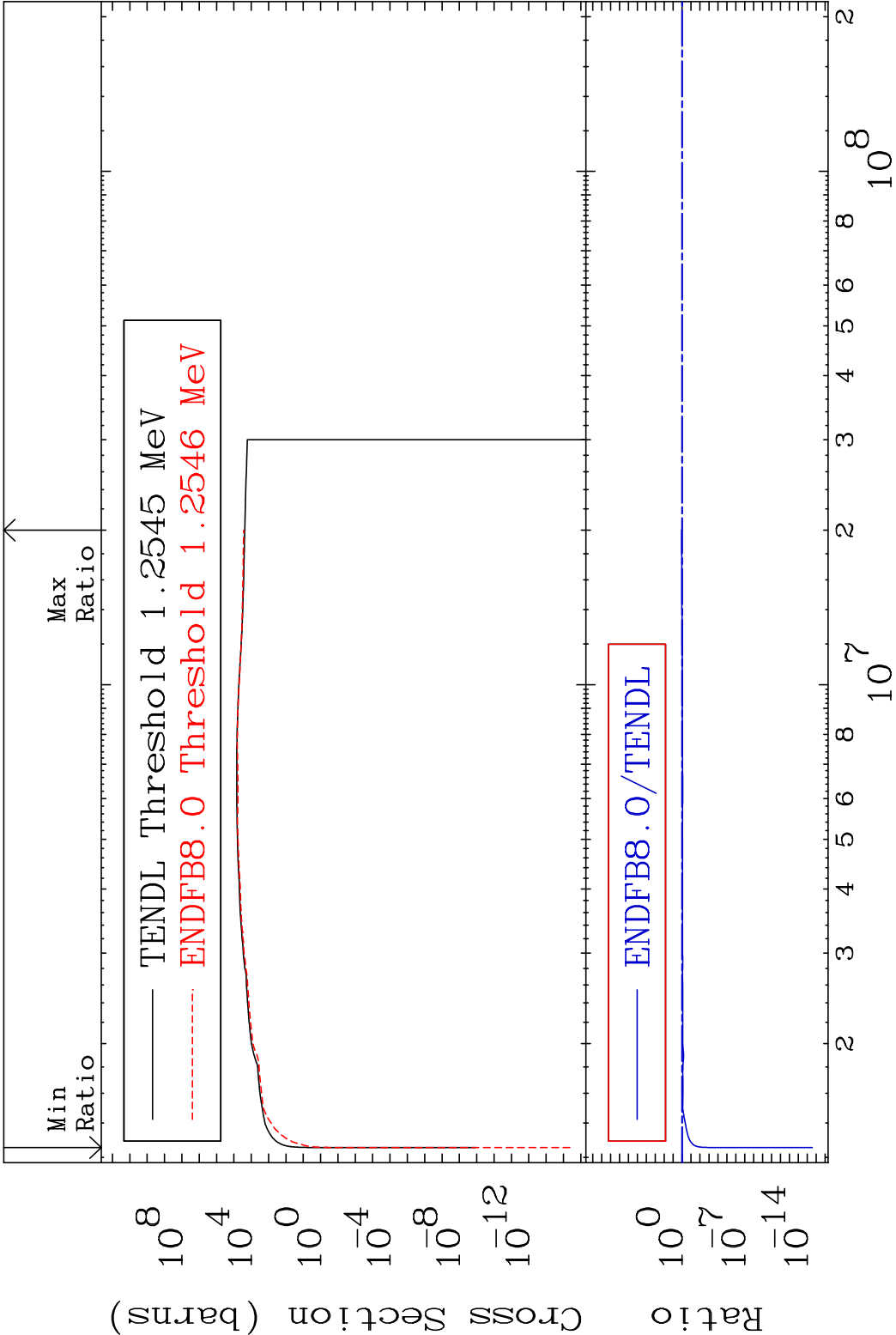
47 Incident Energy (eV) 17-Cl-35

MAT 1725 Dpa total (eV-barns) 17-Cl-35
 Cross Section -90.21 To 6431. %

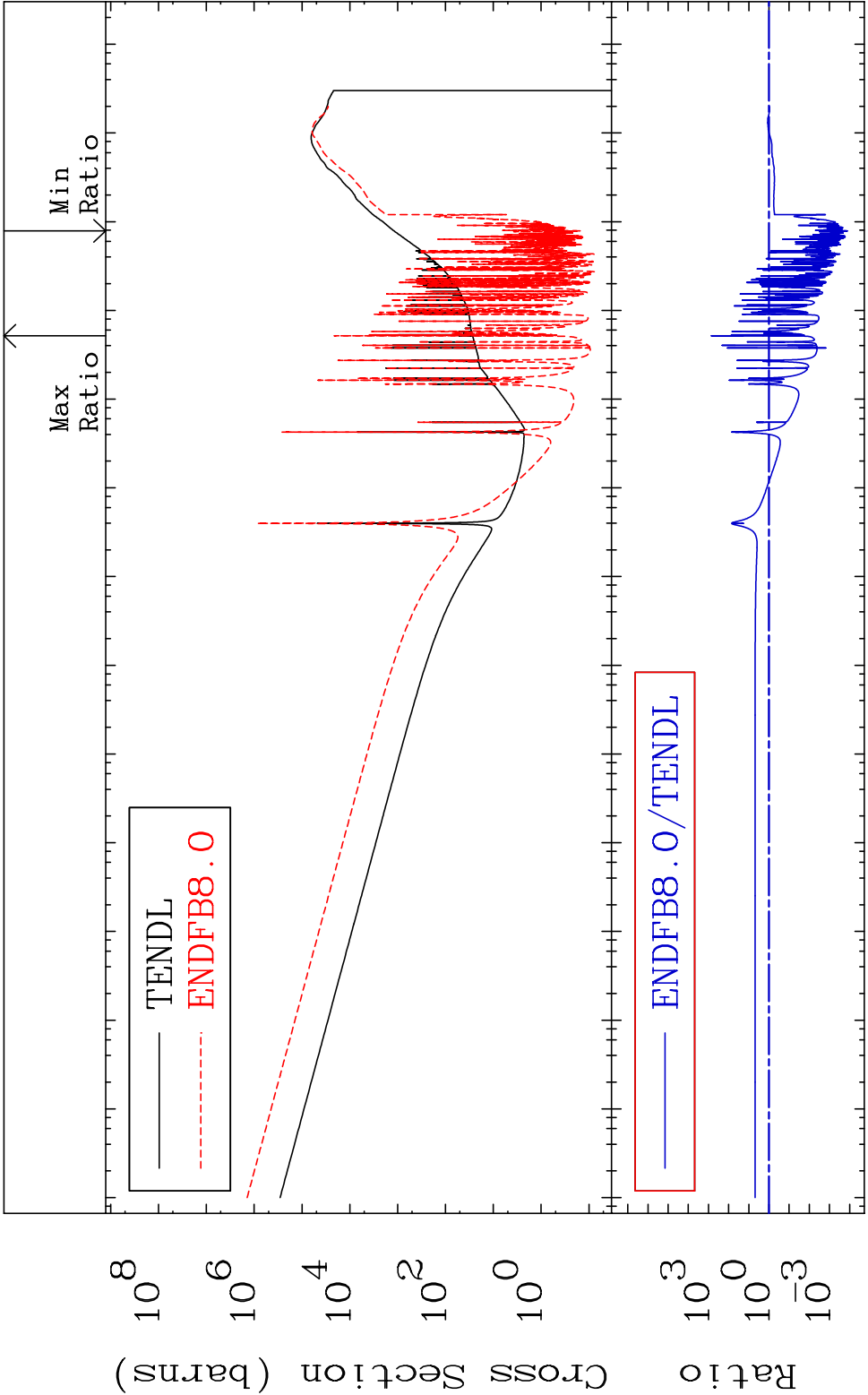


MAT 1725 Dpa elastic (mt2) 17-Cl-35
 Cross Section -90.24 To 1691. %





MAT 1725 Dpa disappearance (mt102 -120) 17-C1-35
Cross Section -99.99 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
51 Incident Energy (eV) 17-C1-35