

Program Complot
(Version 2021-1)

by

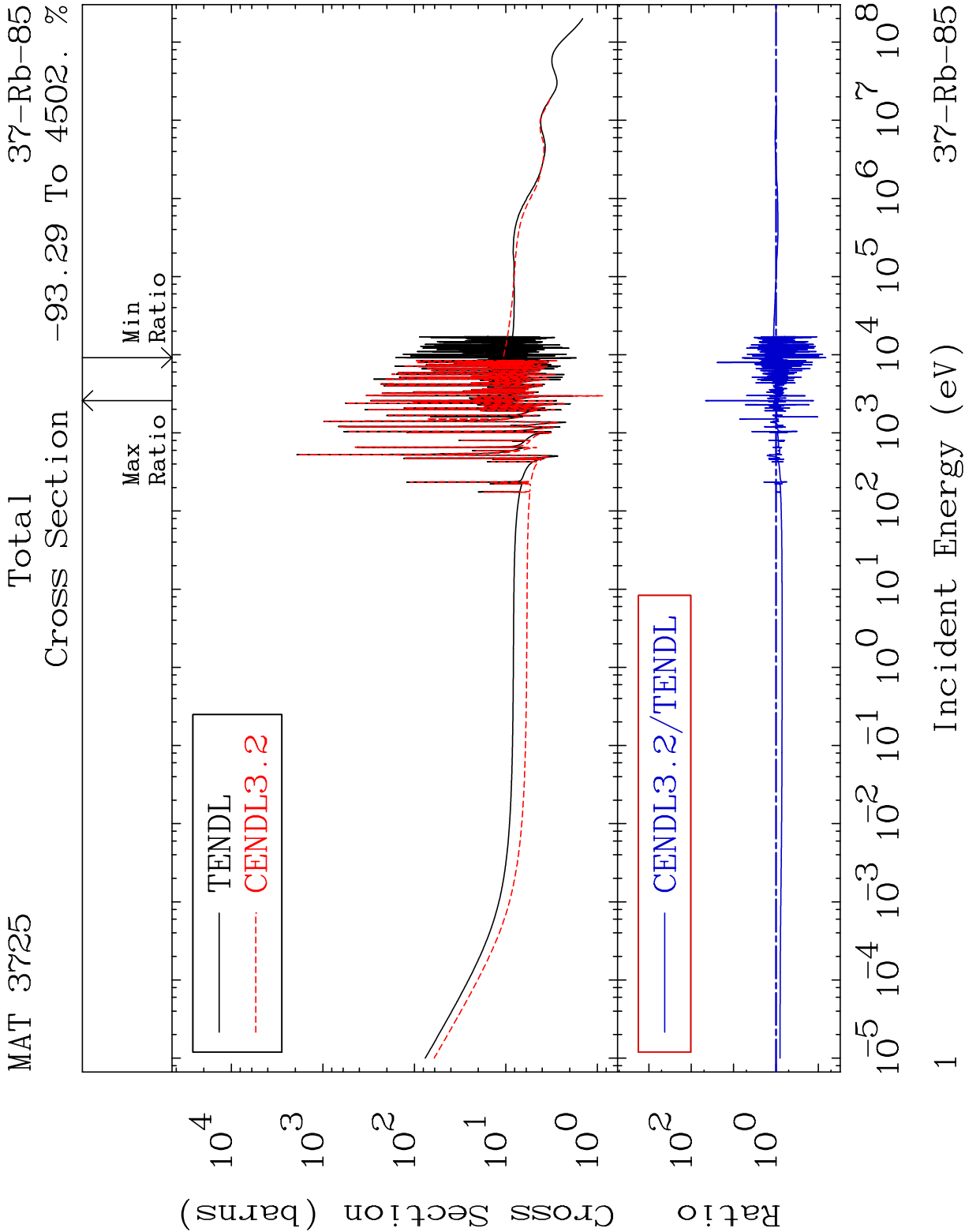
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(Present Contact Information)

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Press Mouse Button to Start

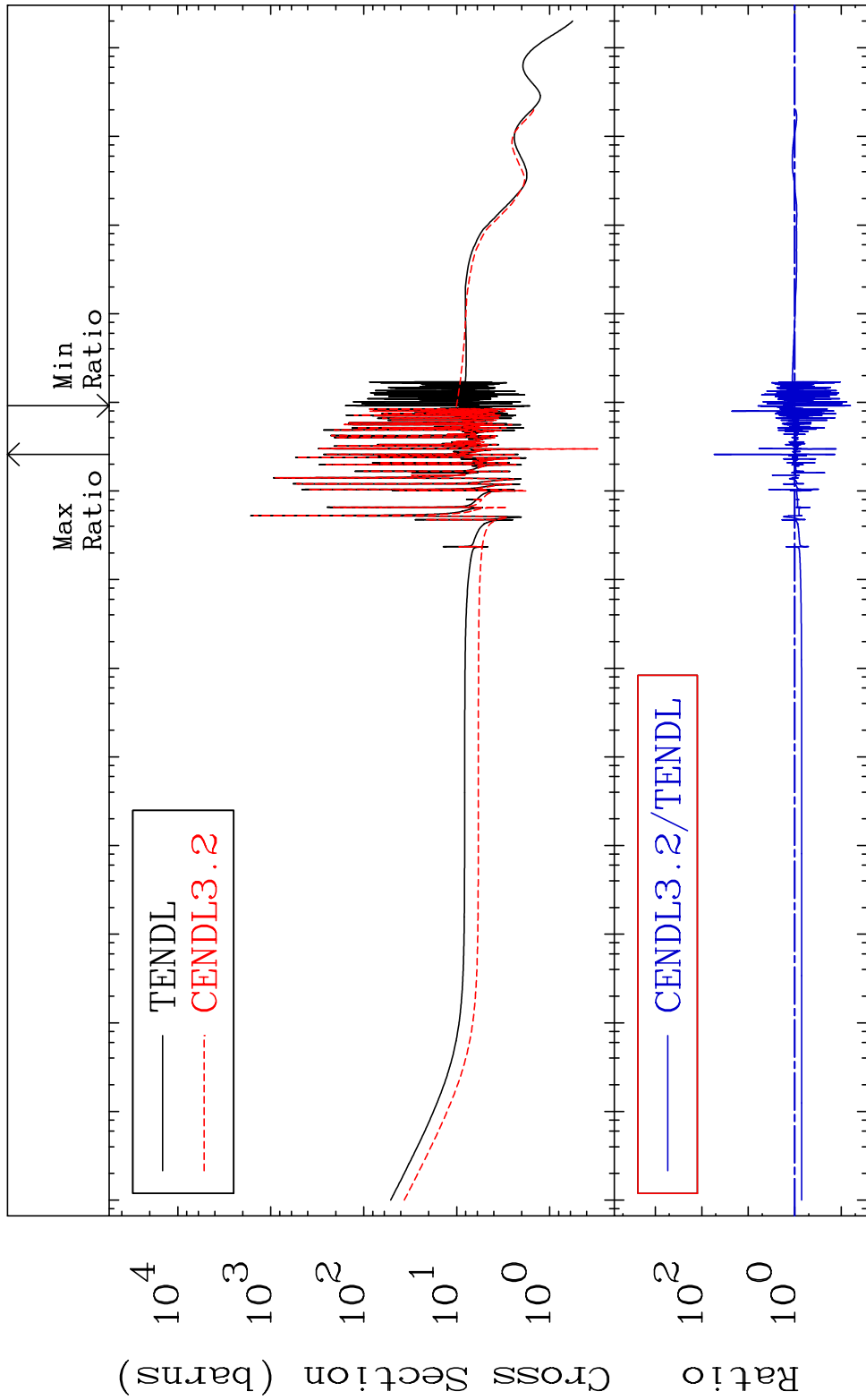


MAT 3725

Elastic

37-Rb-85

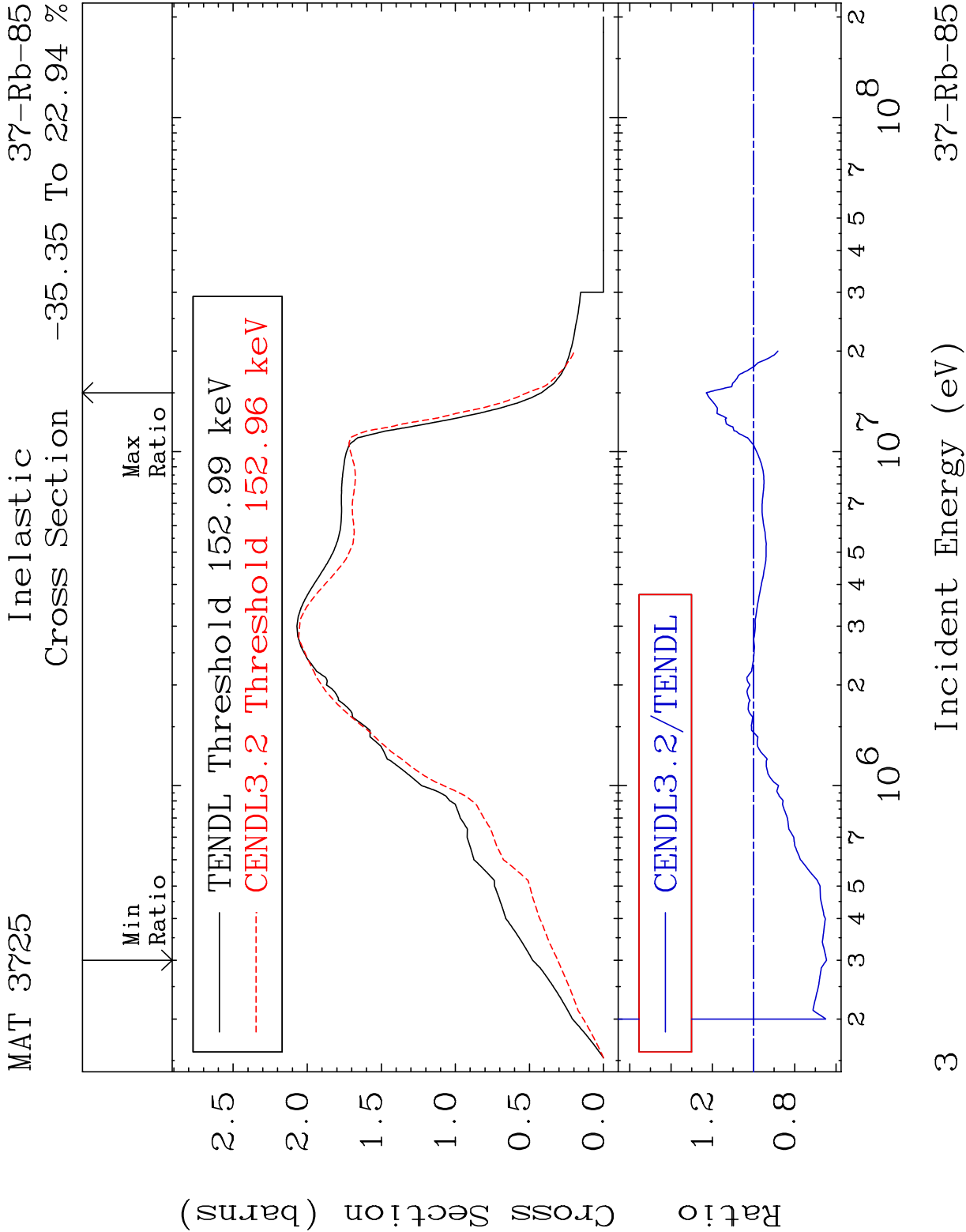
Cross Section -93.58 To 5360. %



2

Incident Energy (eV)

37-Rb-85

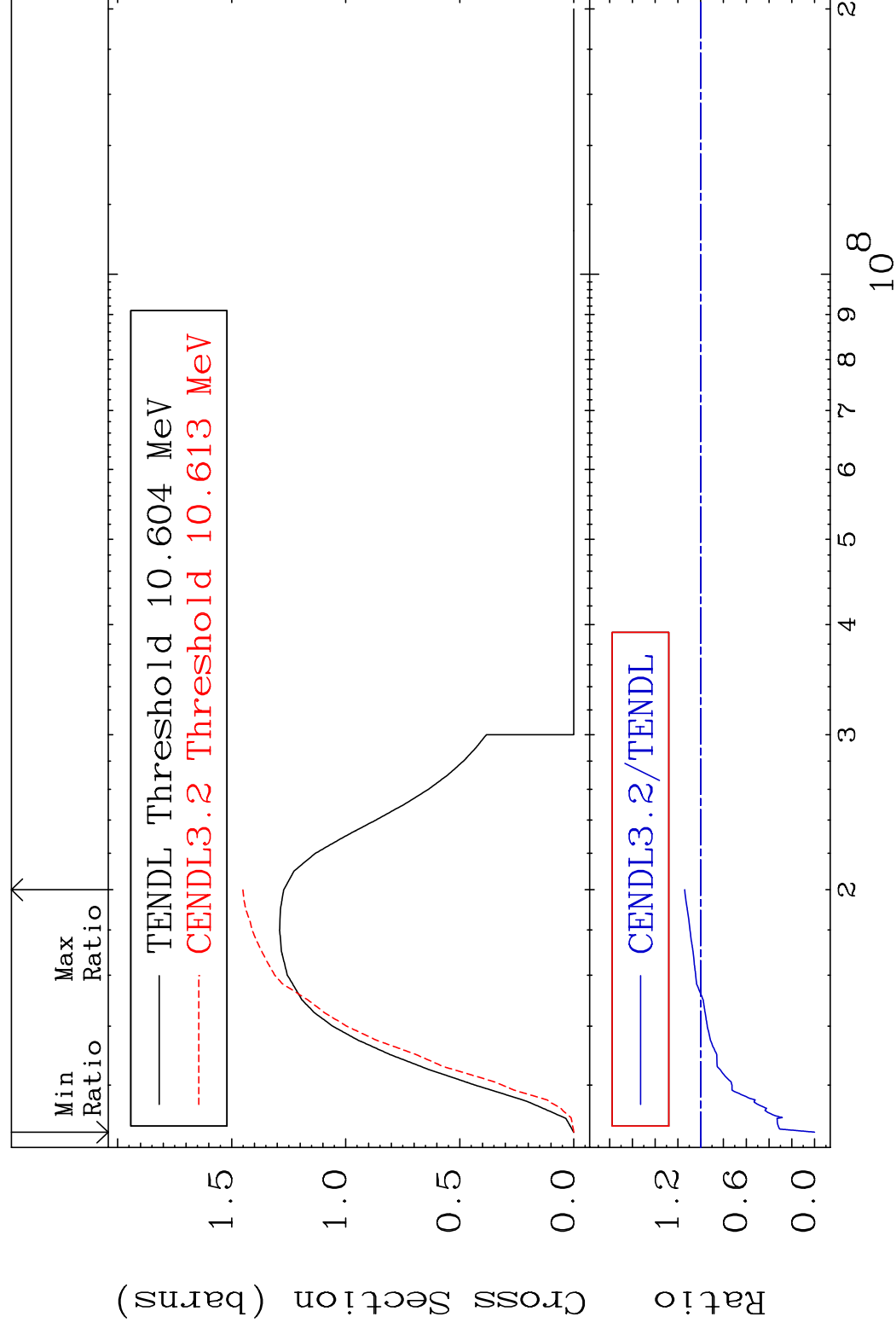


MAT 3725

$$(n, 2n)$$

37-Rb-85

Cross Section



TENDL Threshold 10.604 MeV

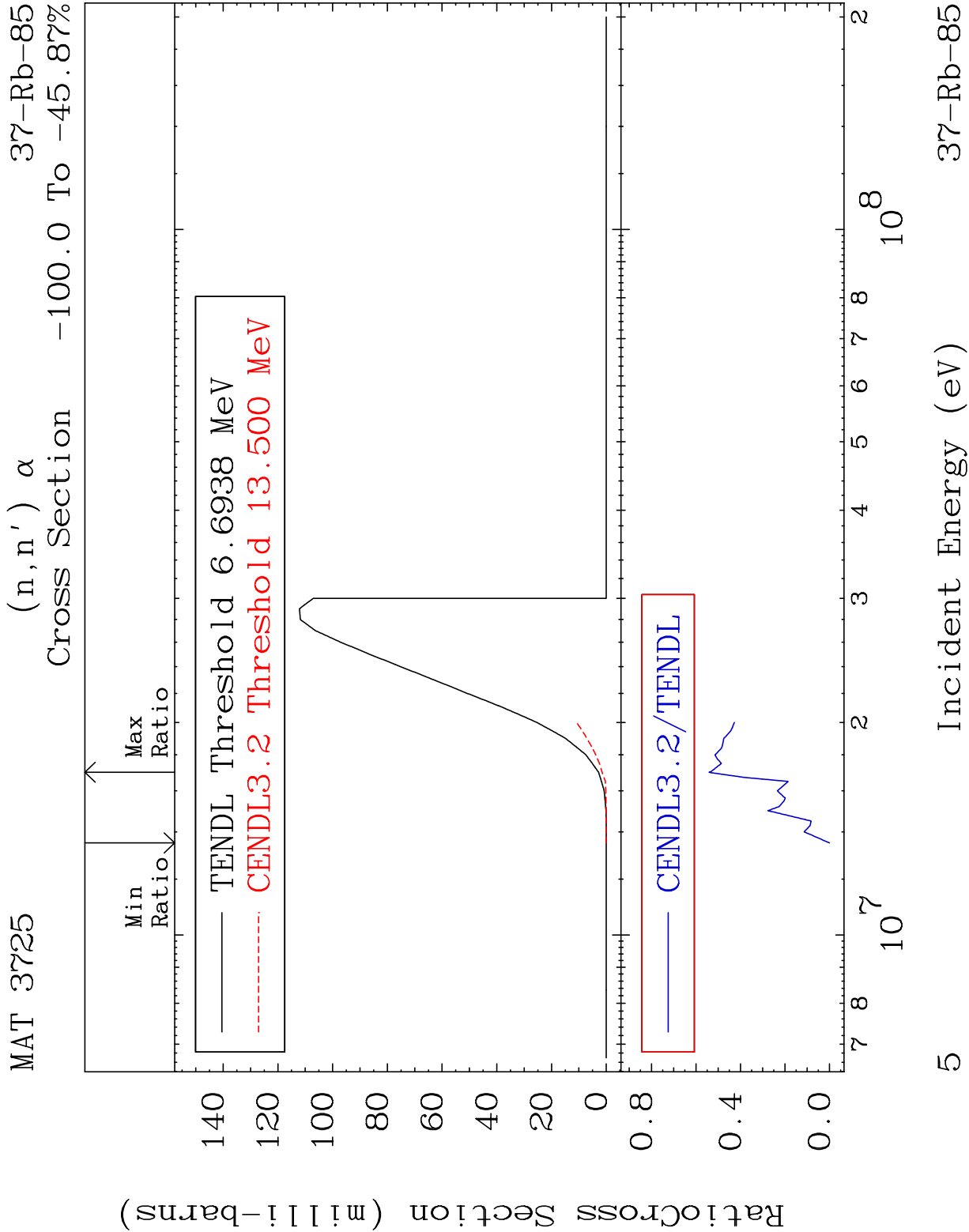
CENDL3.2 Threshold 10.613 MeV

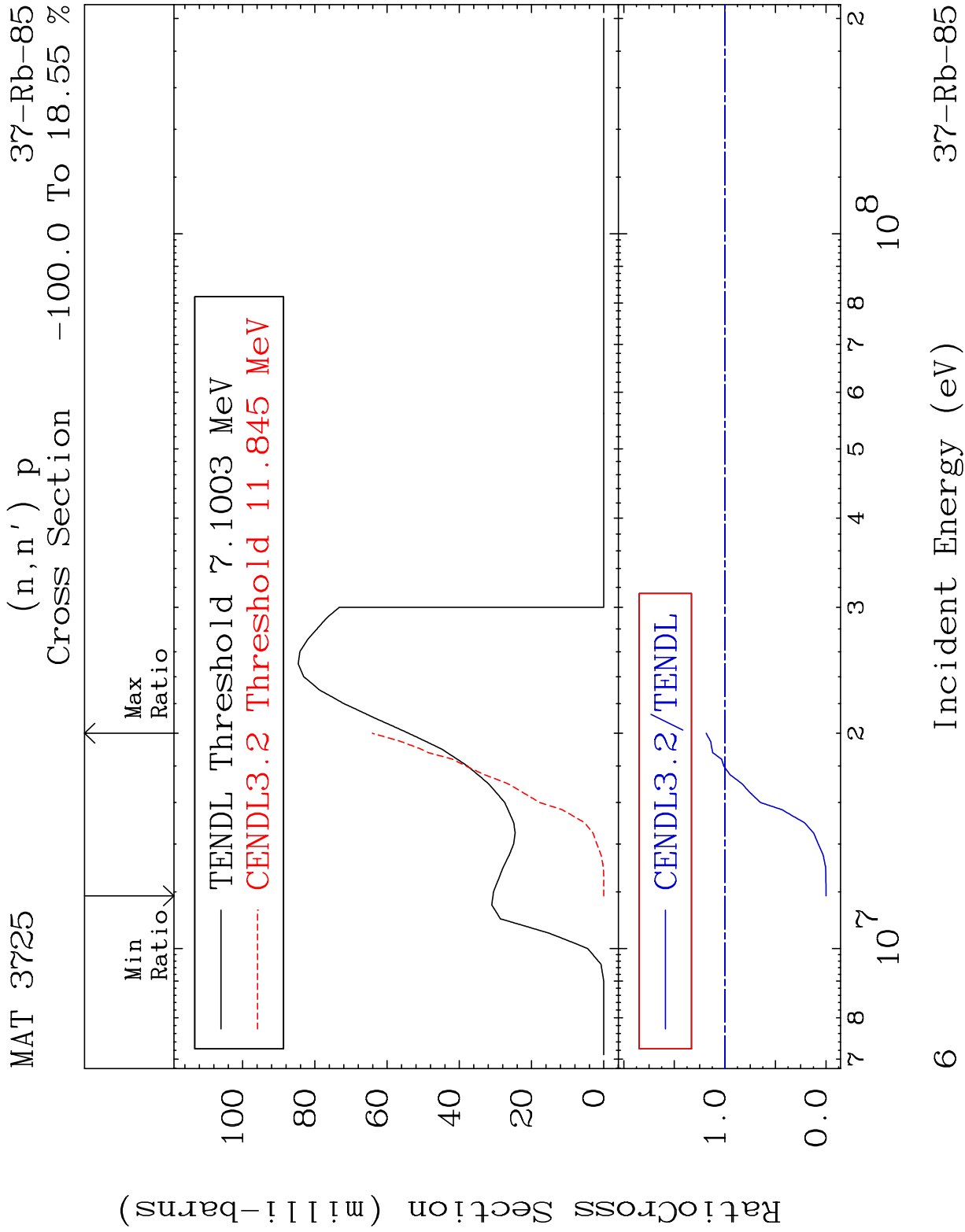
CENDL3.2/TENDL

4

Incident Energy (eV)

37-Rb-85





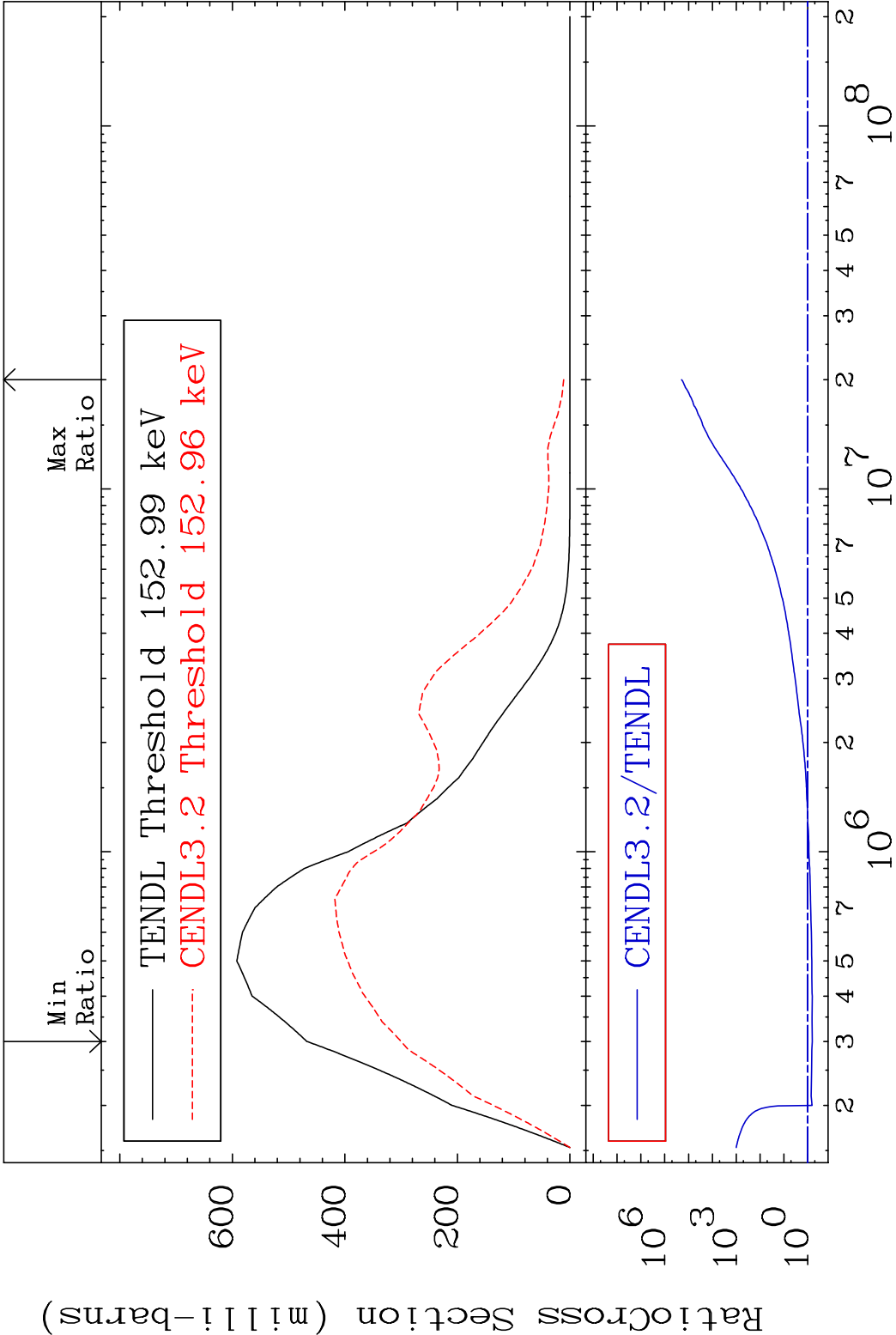
MAT 3725

MT= 51 (n,n') Level

37-Rb-85

Cross Section

-35.81 To 9999. %

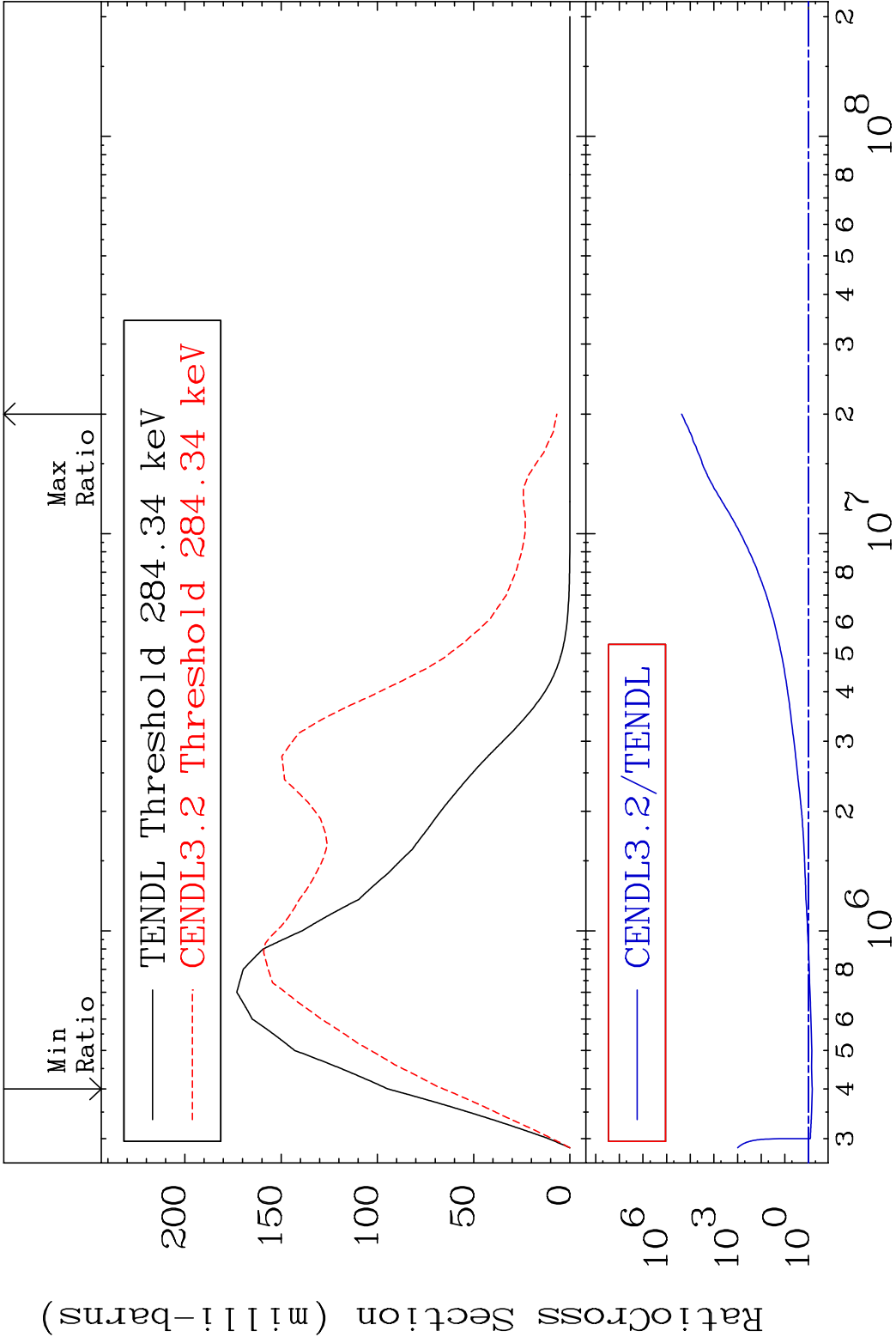


7

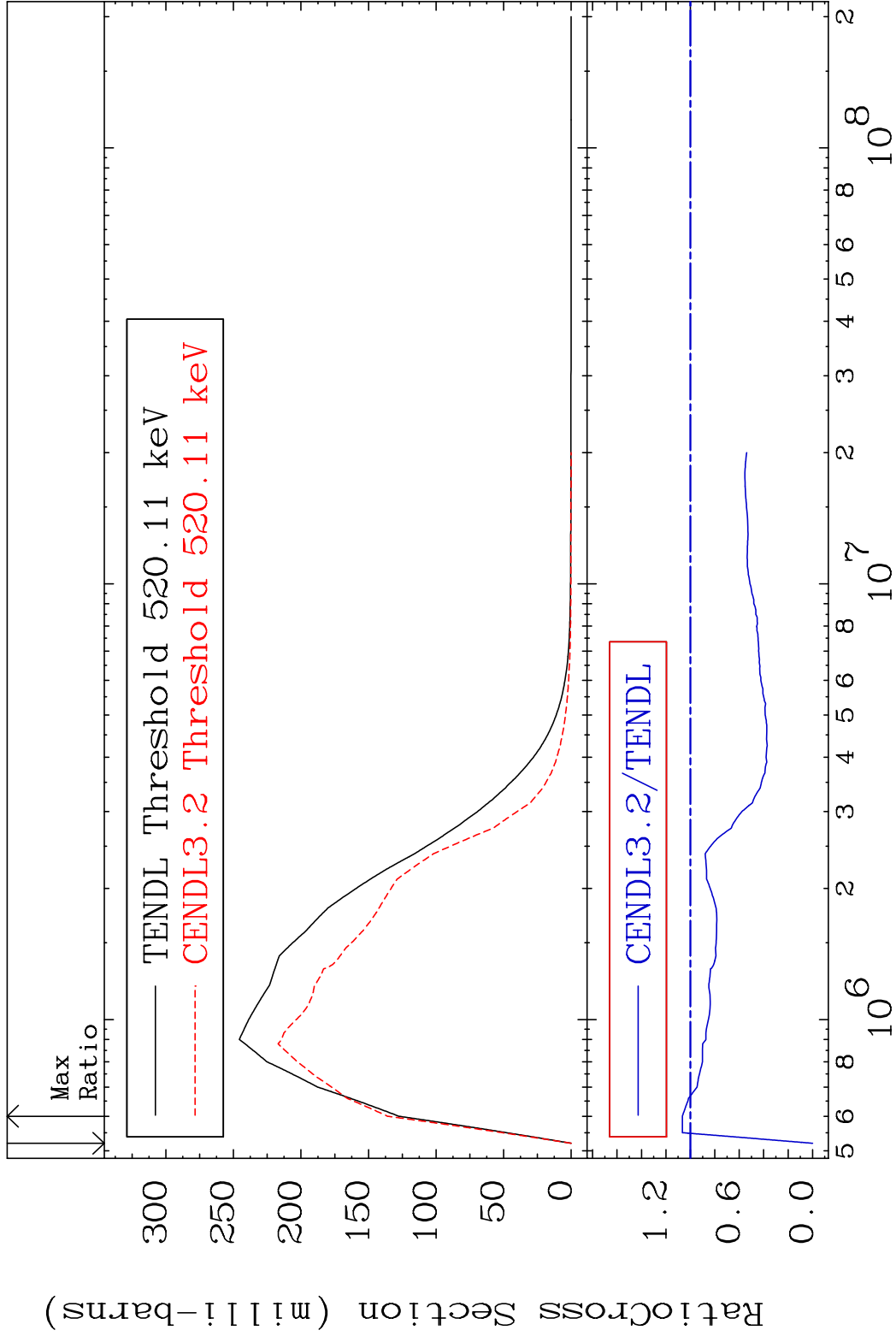
Incident Energy (eV)

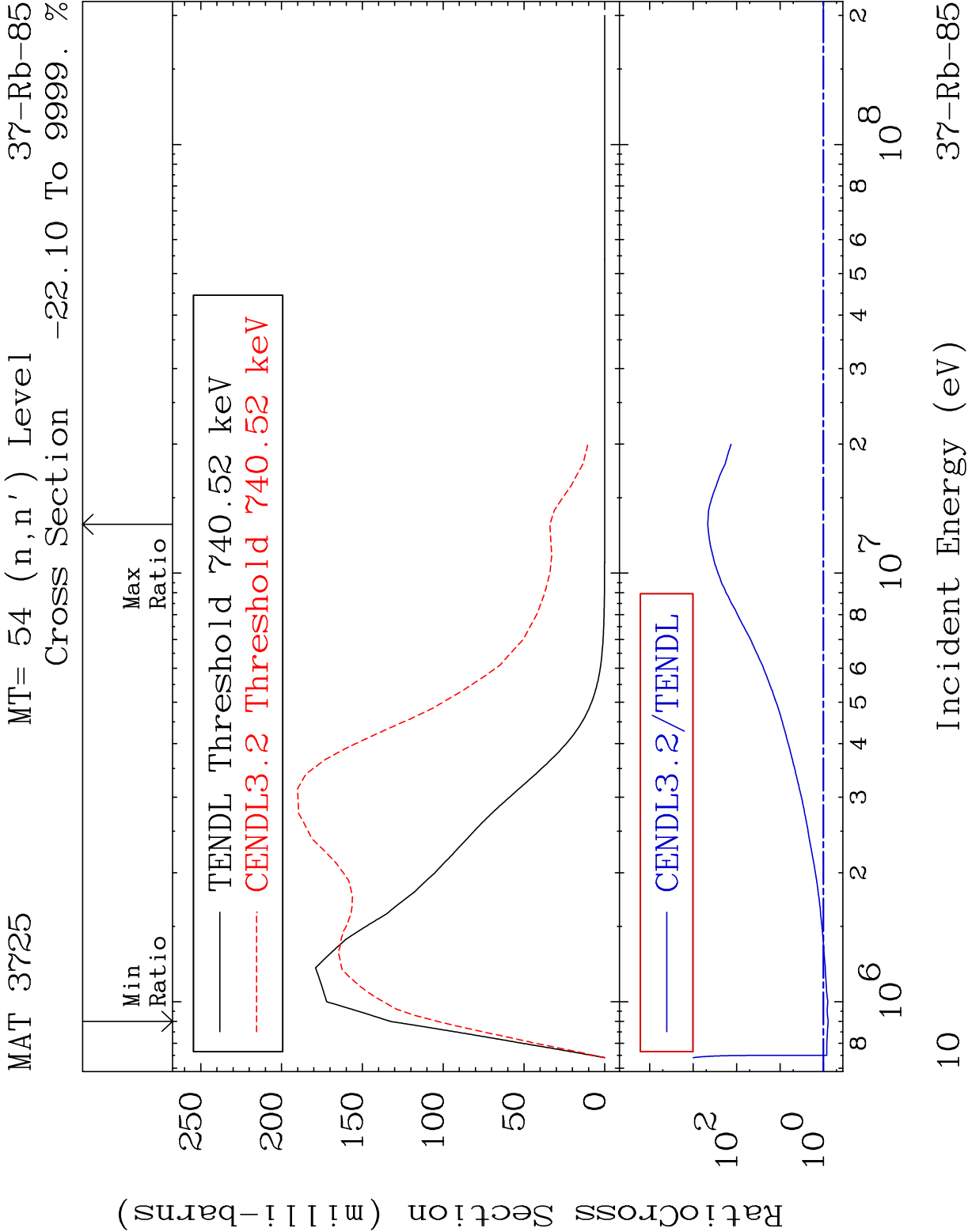
37-Rb-85

MAT 3725 MT= 52 (n,n') Level 37-Rb-85
Cross Section -30.58 To 9999. %



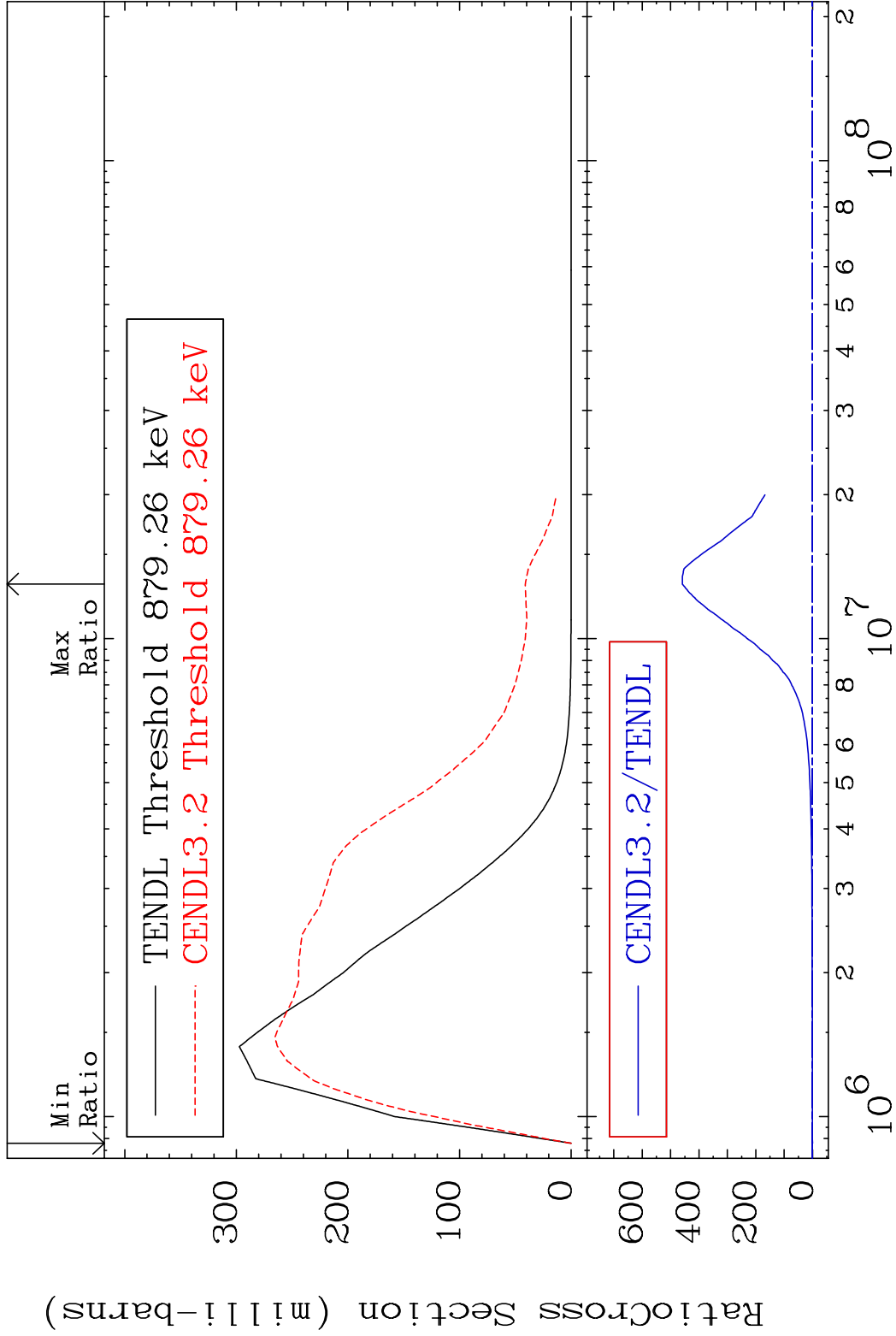
MAT 3725 MT= 53 (n,n') Level 37-Rb-85
Cross Section -100.0 To 6.547 %





MAT 3725 MT= 55 (n,n') Level 37-Rb-85

Cross Section -100.0 To 9999. %



11 Incident Energy (eV) 37-Rb-85

MAT 3725

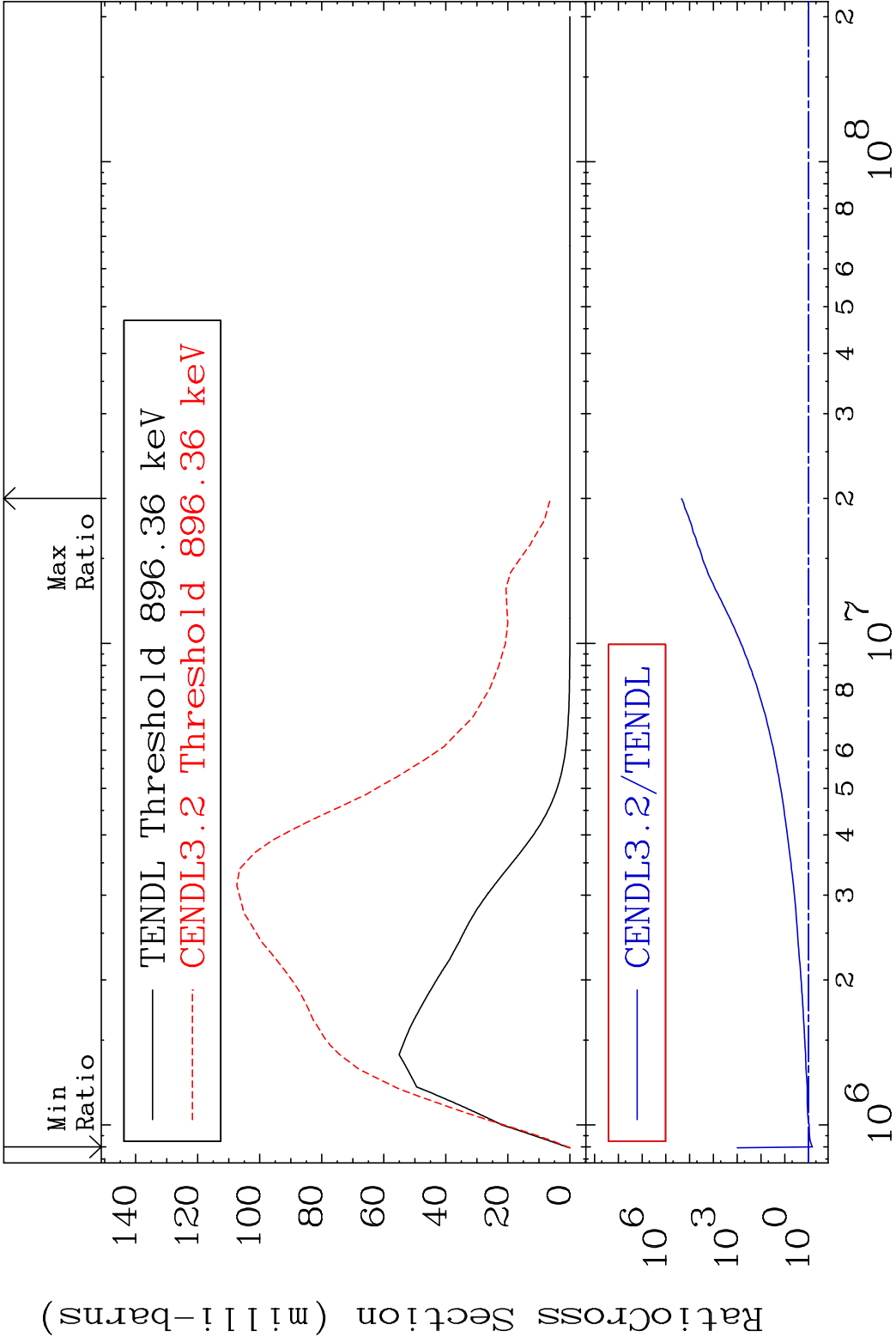
MT= 56 (n,n')

Level

37-Rb-85

Cross Section

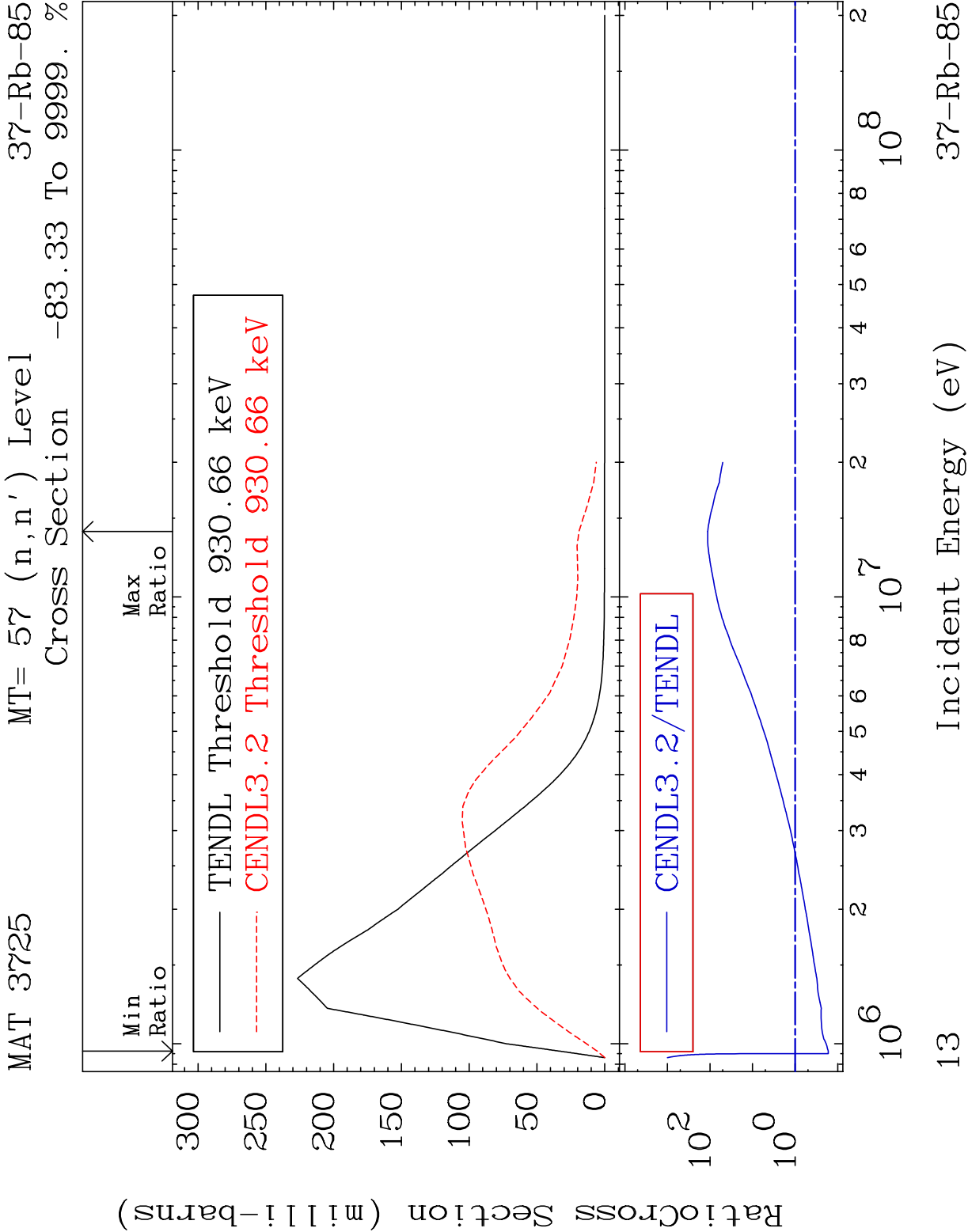
-28.86 To 9999. %



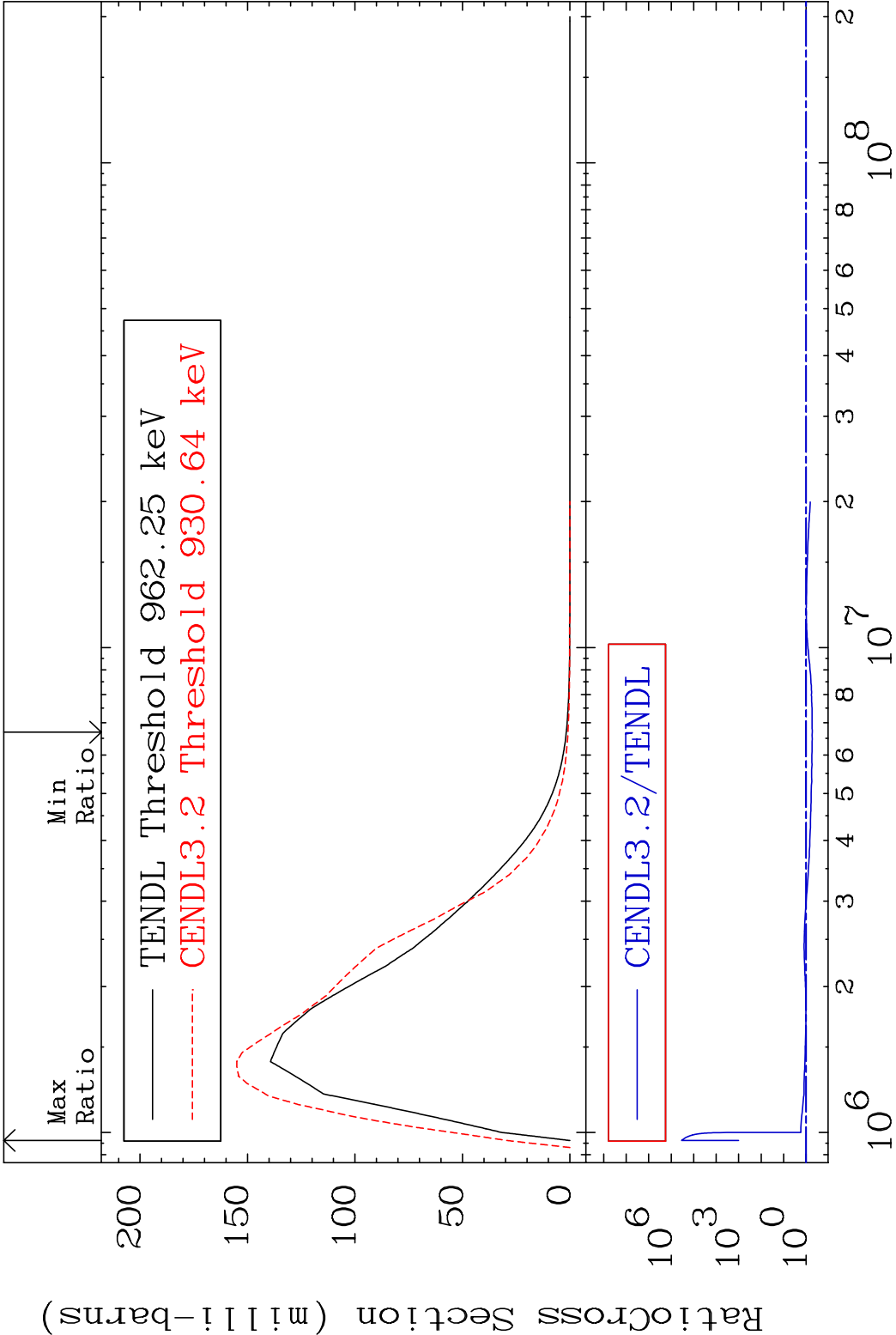
12

Incident Energy (eV)

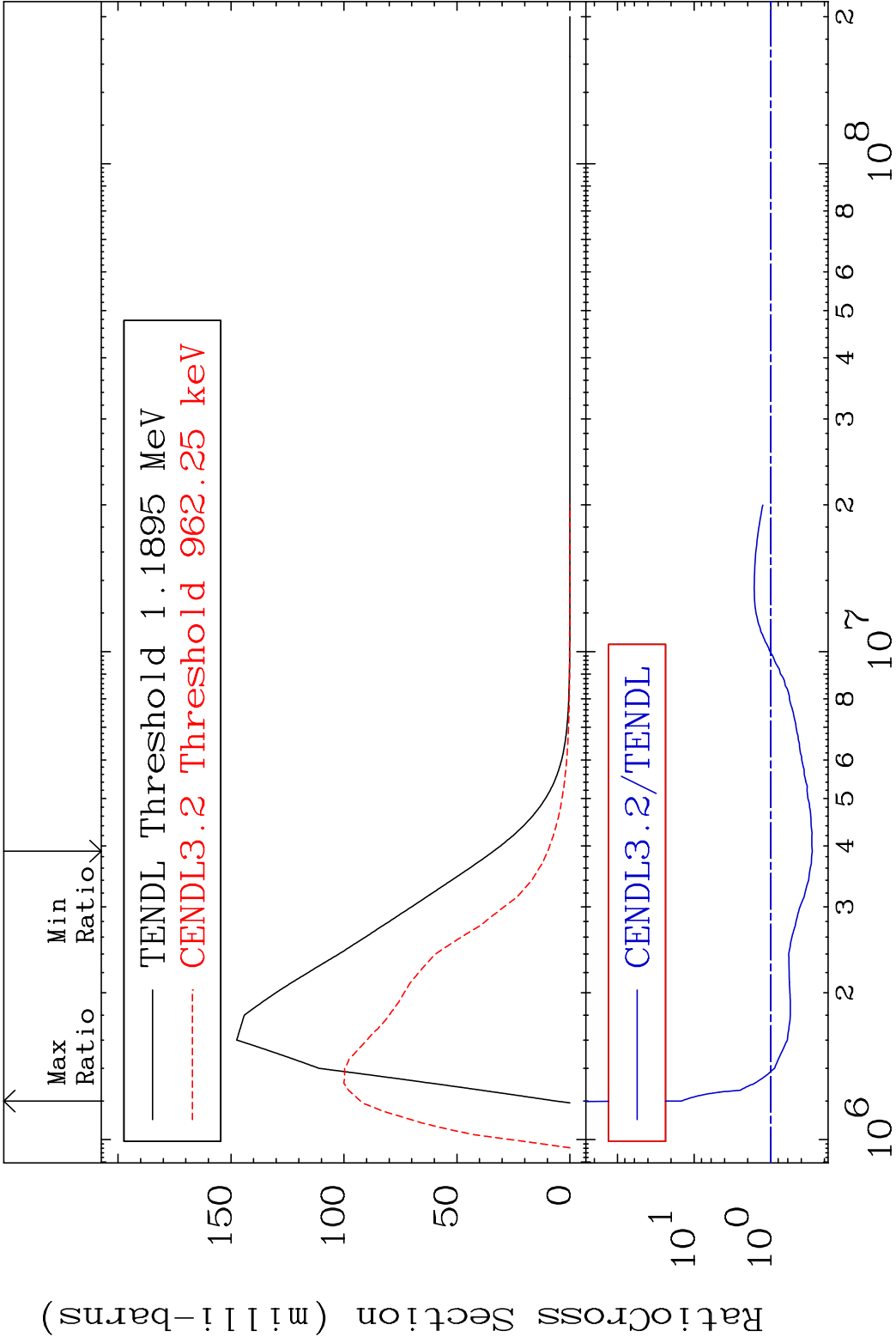
37-Rb-85



MAT 3725 MT= 58 (n,n') Level 37-Rb-85
Cross Section -46.67 To 9999. %



MAT 3725 MT= 59 (n,n') Level 37-Rb-85
Cross Section -71.17 To 1360. %



Incident Energy (eV) 37-Rb-85

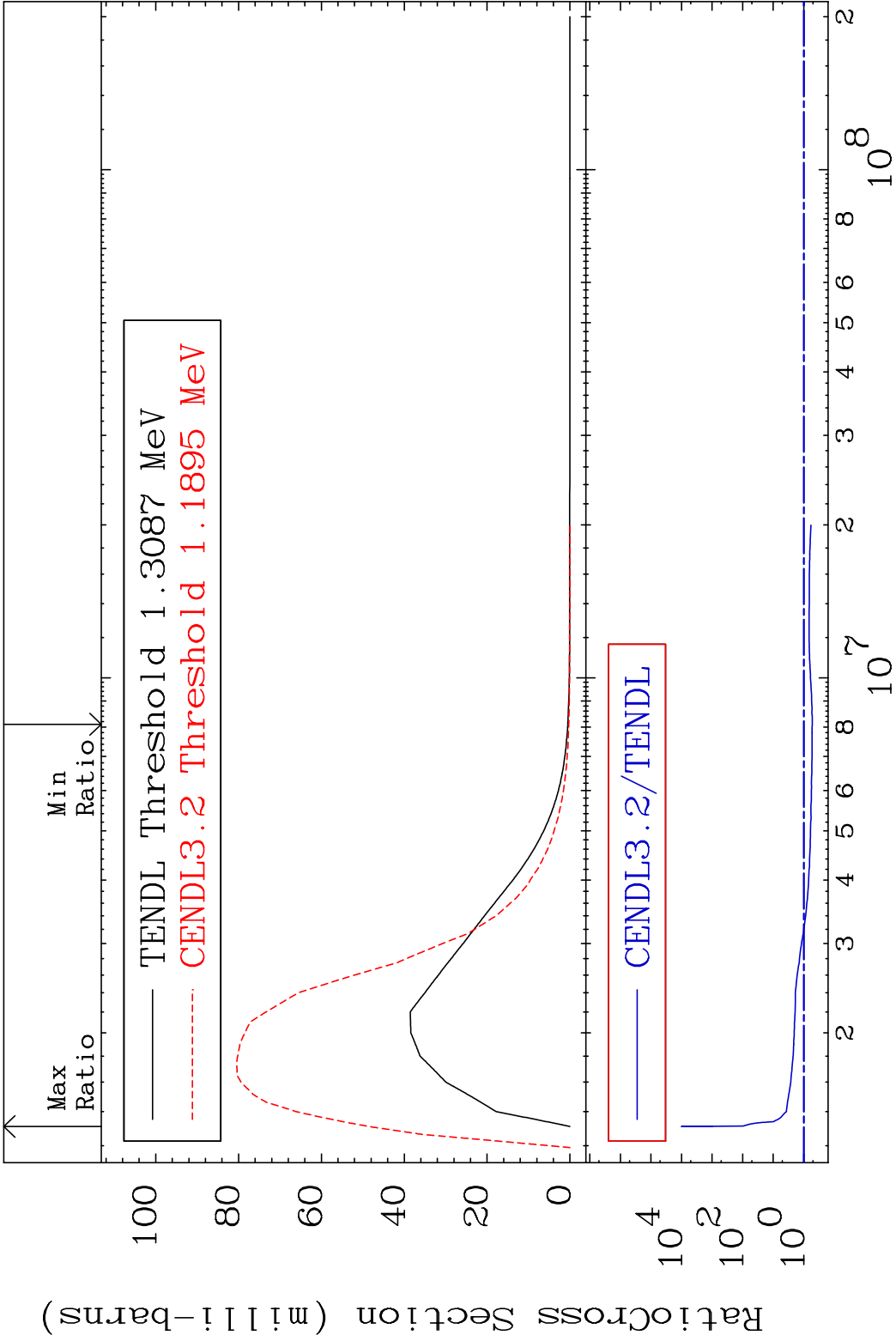
MAT 3725

MT= 60 (n,n') Level

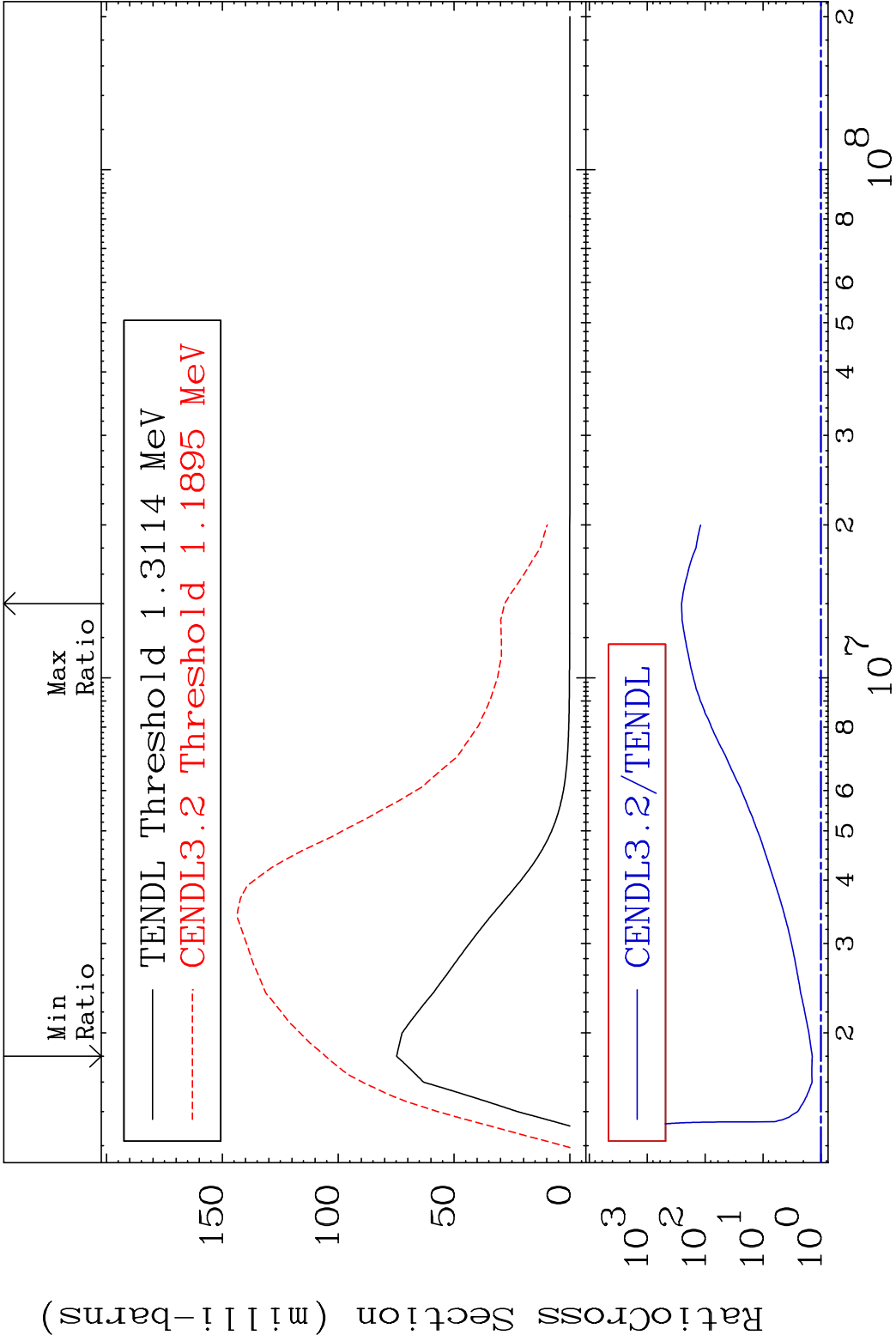
37-Rb-85

Cross Section

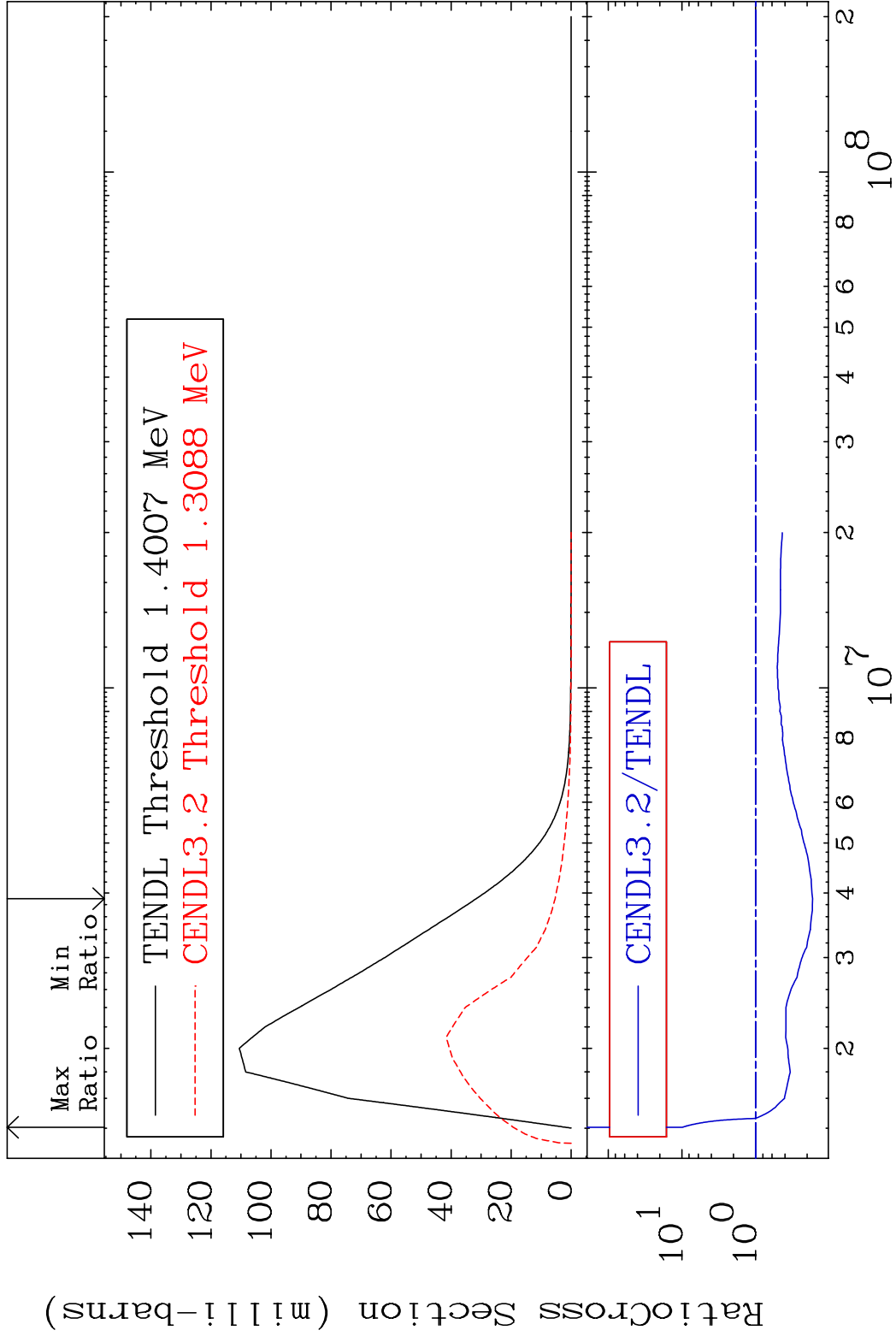
-47.26 To 9999. %



MAT 3725	MT= 61 (n,n')	Level	37-Rb-85
	Cross Section	41.01	To 9999. %



MAT 3725MT= 62 (n,n') Level37-Rb-85
Cross Section-83.07 To 887.7 %



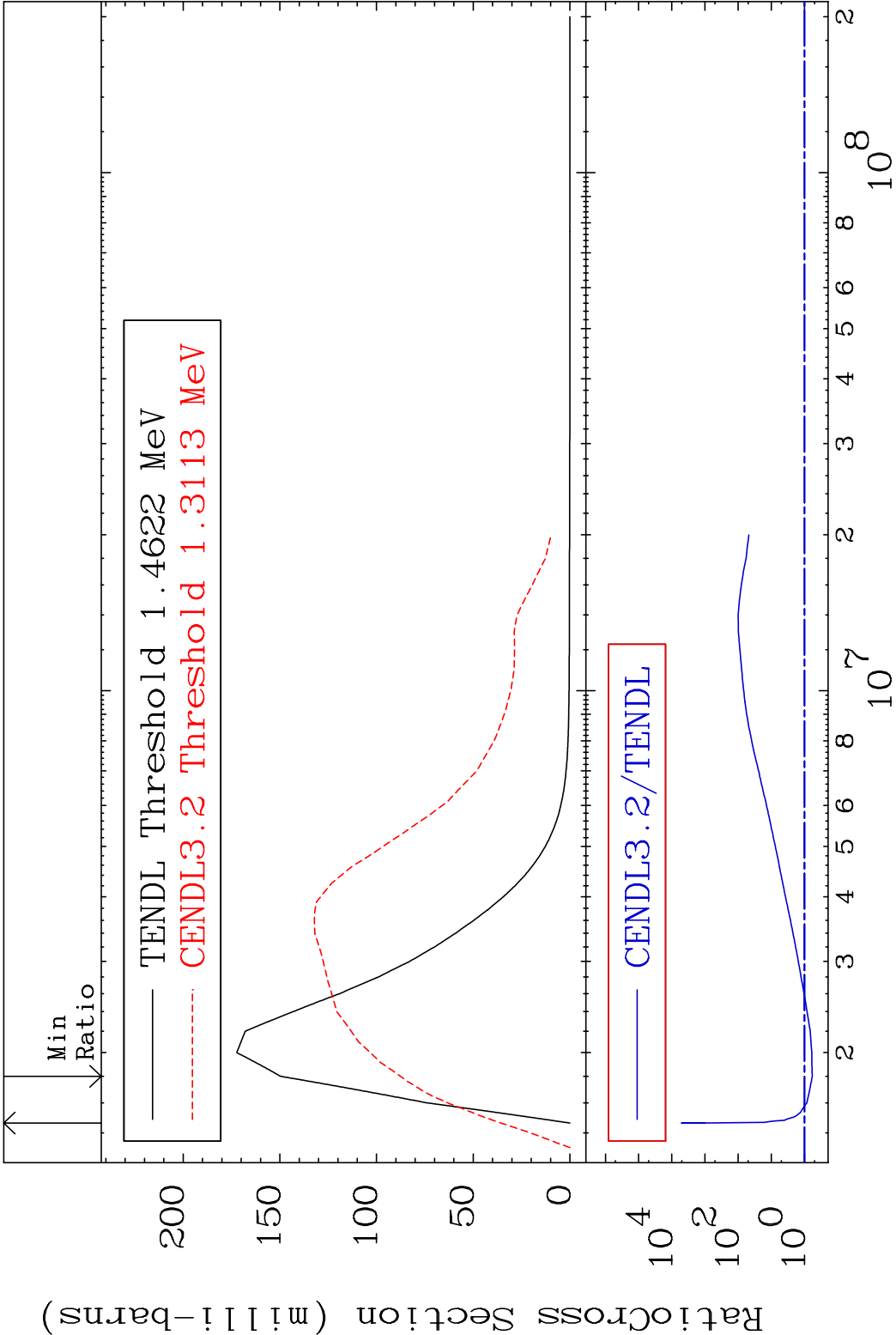
MAT 3725

MT= 63 (n,n') Level

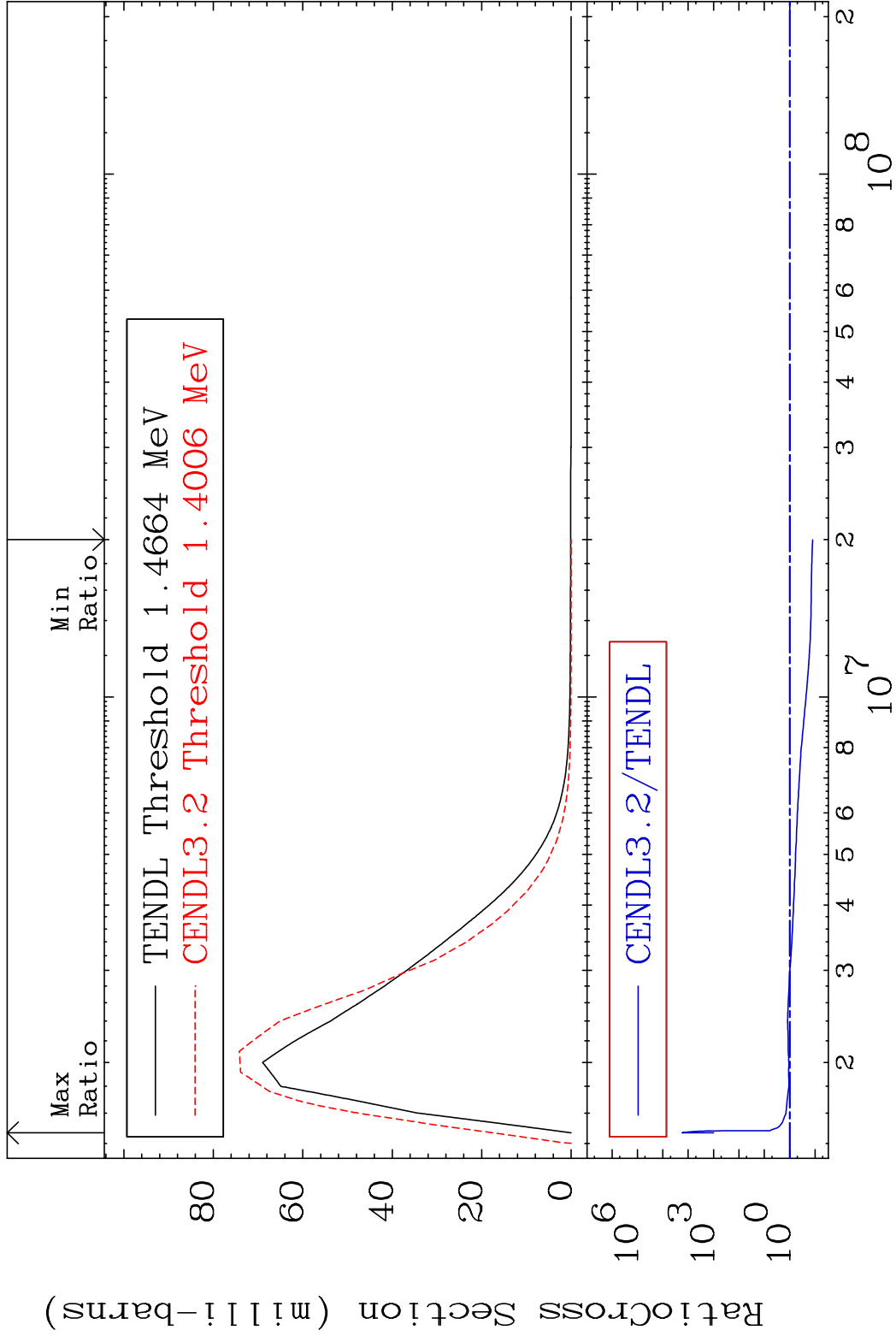
37-Rb-85

Cross Section

-41.42 To 9999. %



MAT 3725 MT= 64 (n,n') Level 37-Rb-85
Cross Section -87.44 To 9999. %



MAT 3725

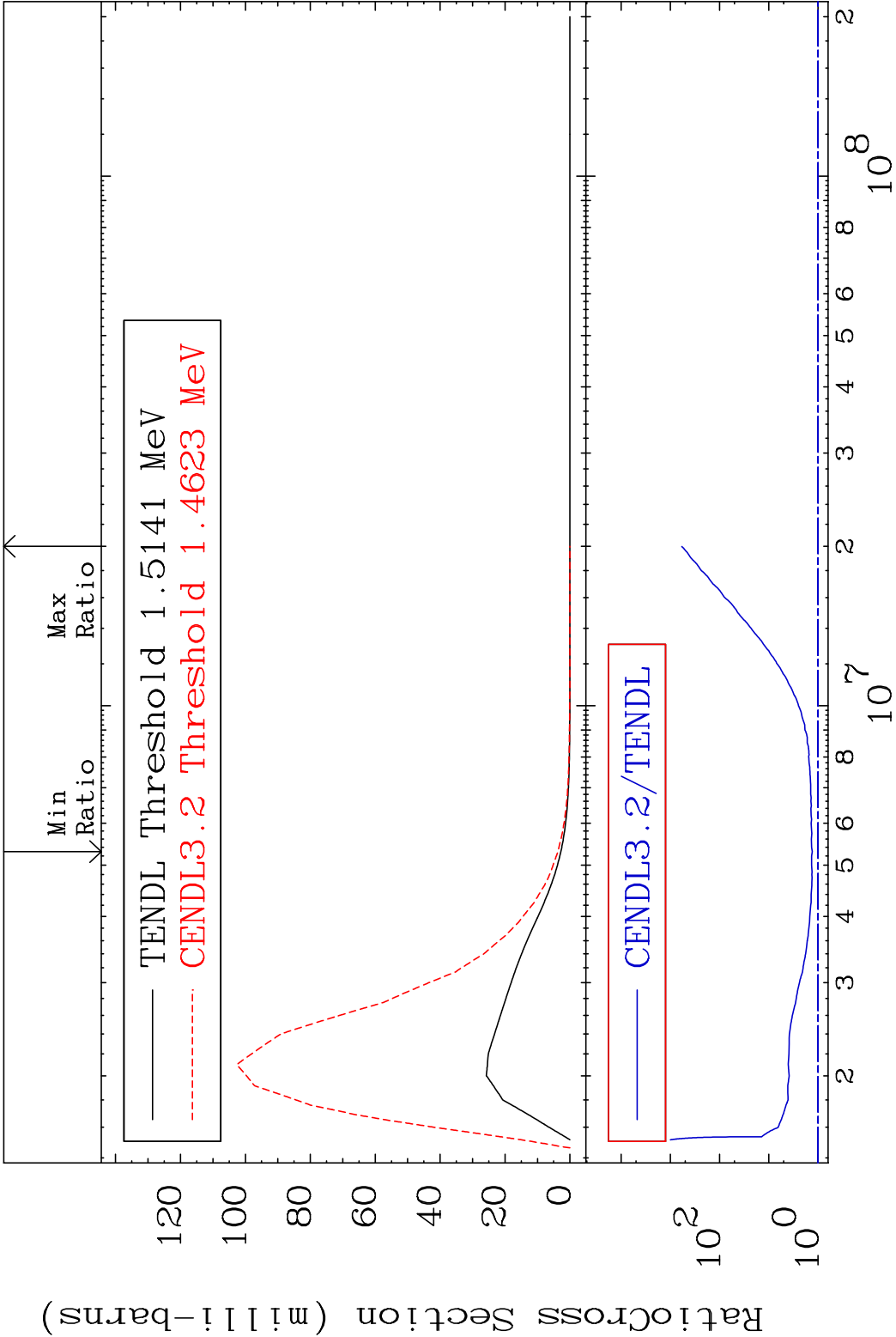
MT= 65 (n,n') Level

37-Rb-85

Cross Section

31.22

To 9999. %



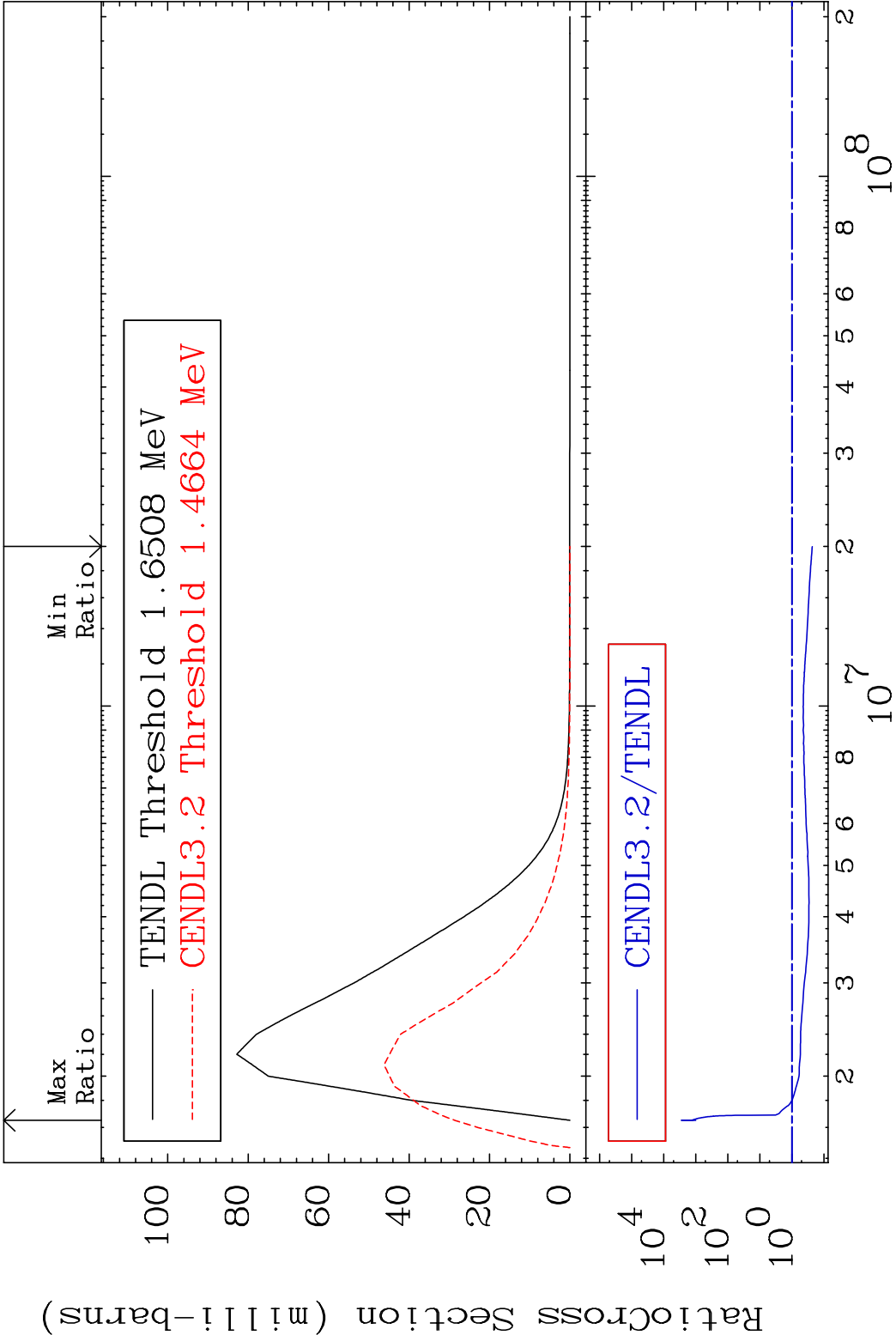
MAT 3725

MT= 66 (n,n') Level

37-Rb-85

Cross Section

-76.74 To 9999. %



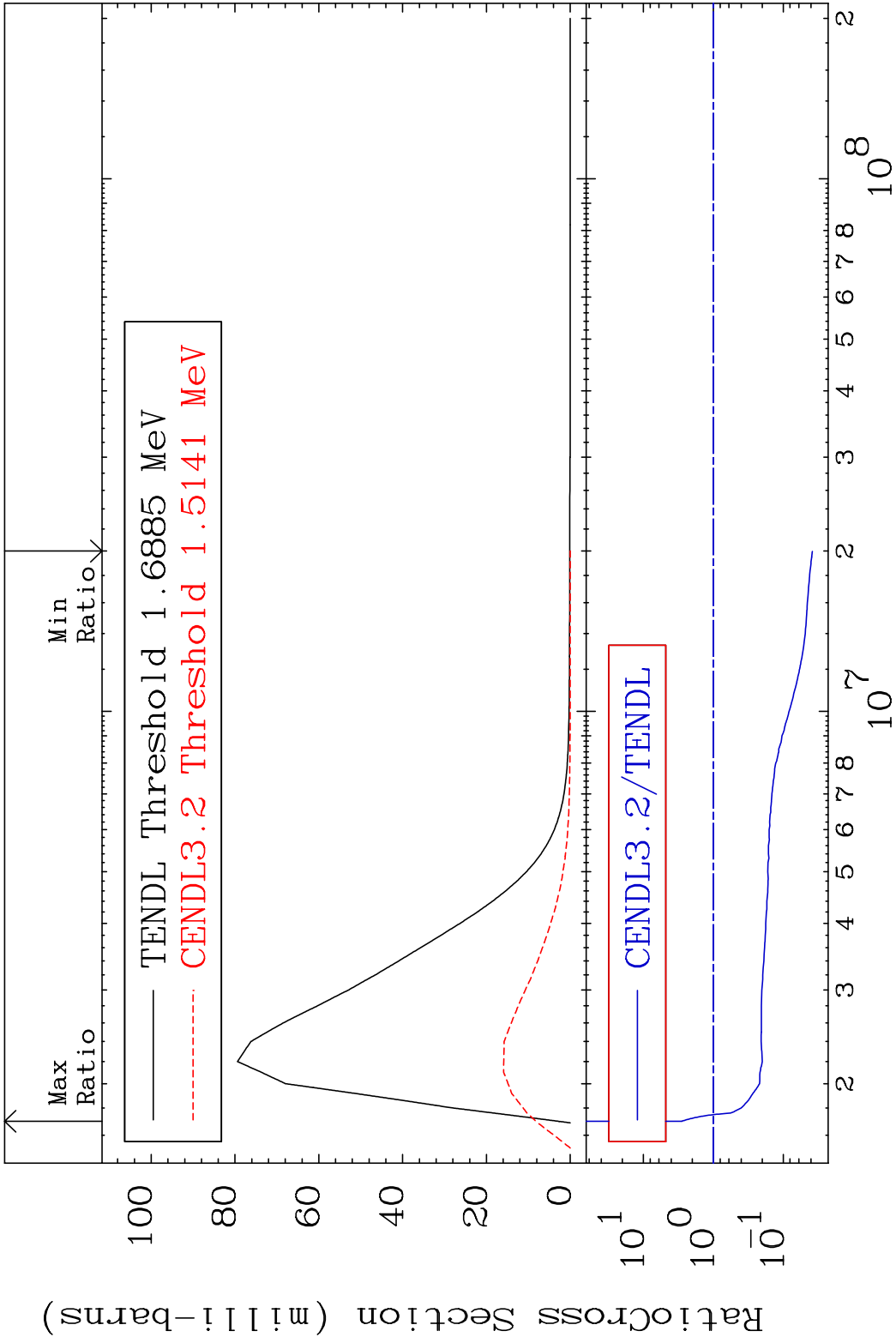
MAT 3725

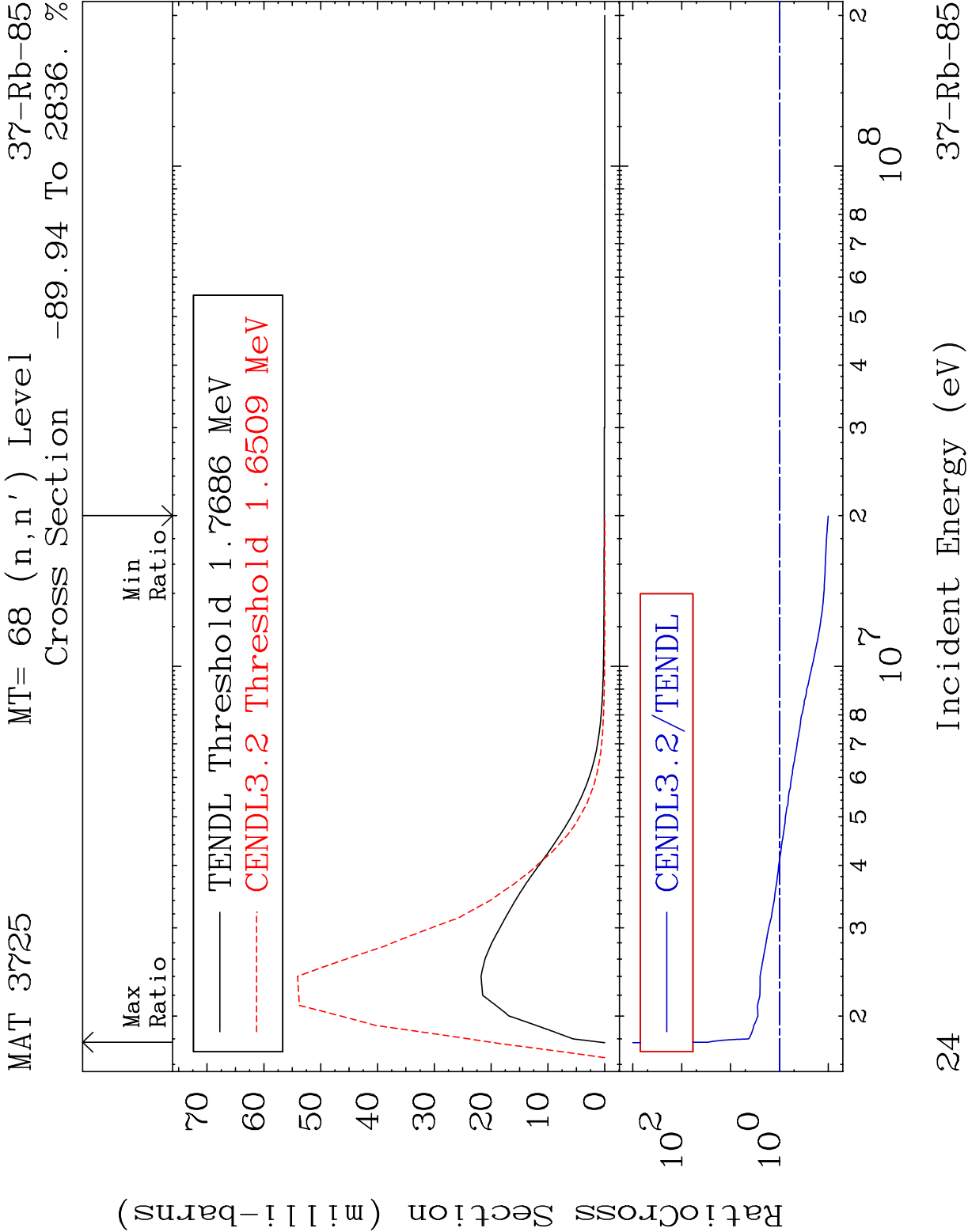
MT= 67 (n,n') Level

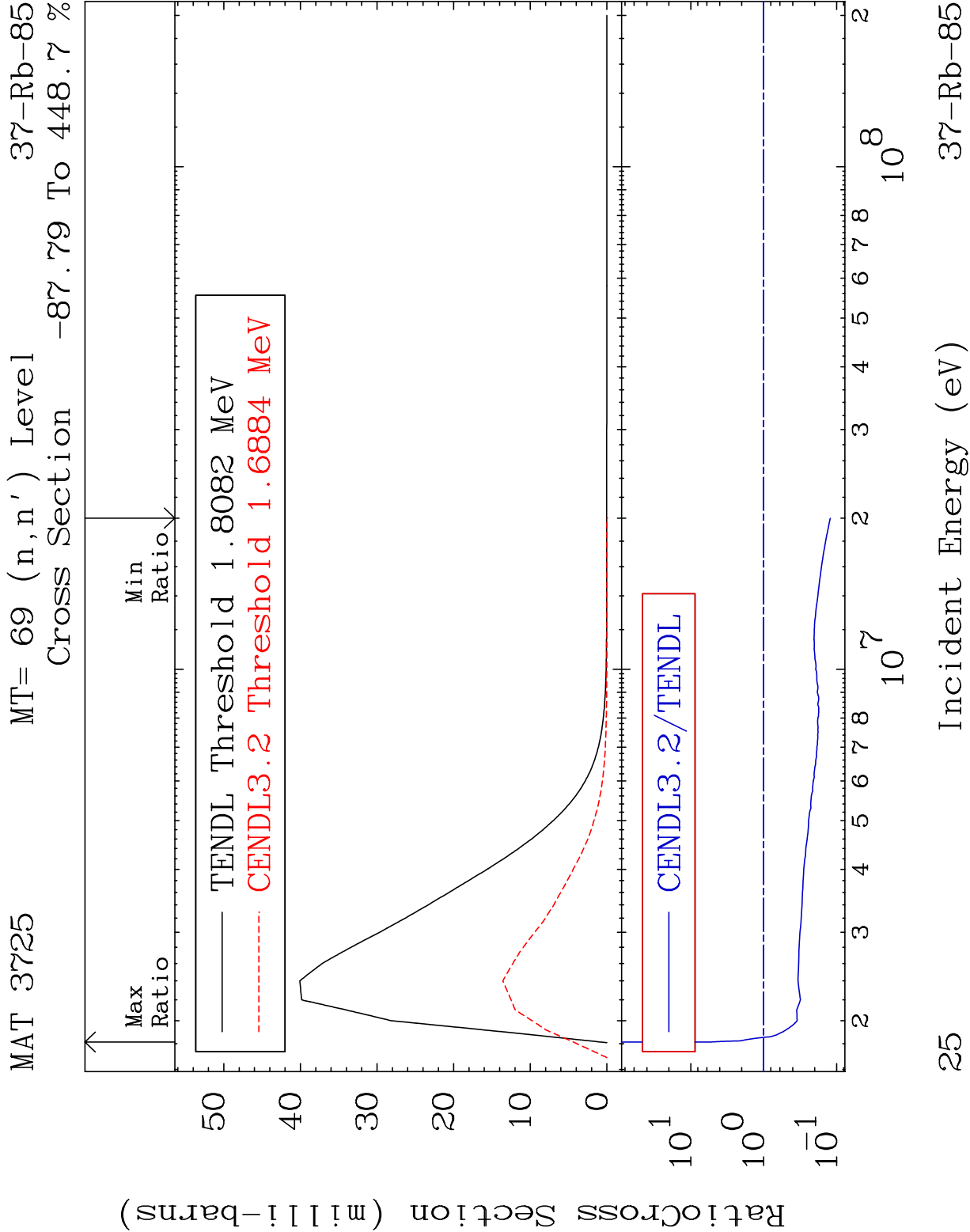
37-Rb-85

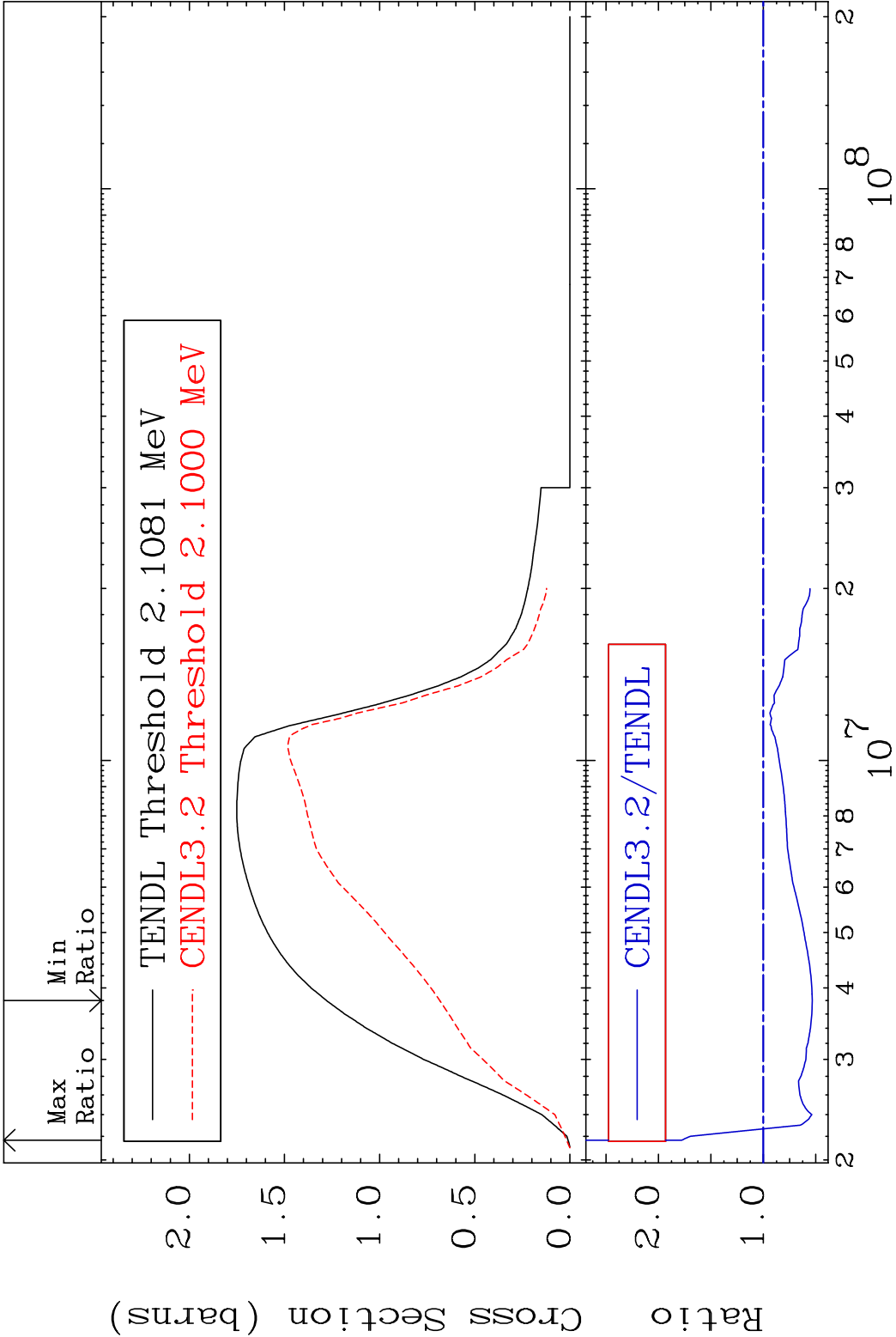
Cross Section

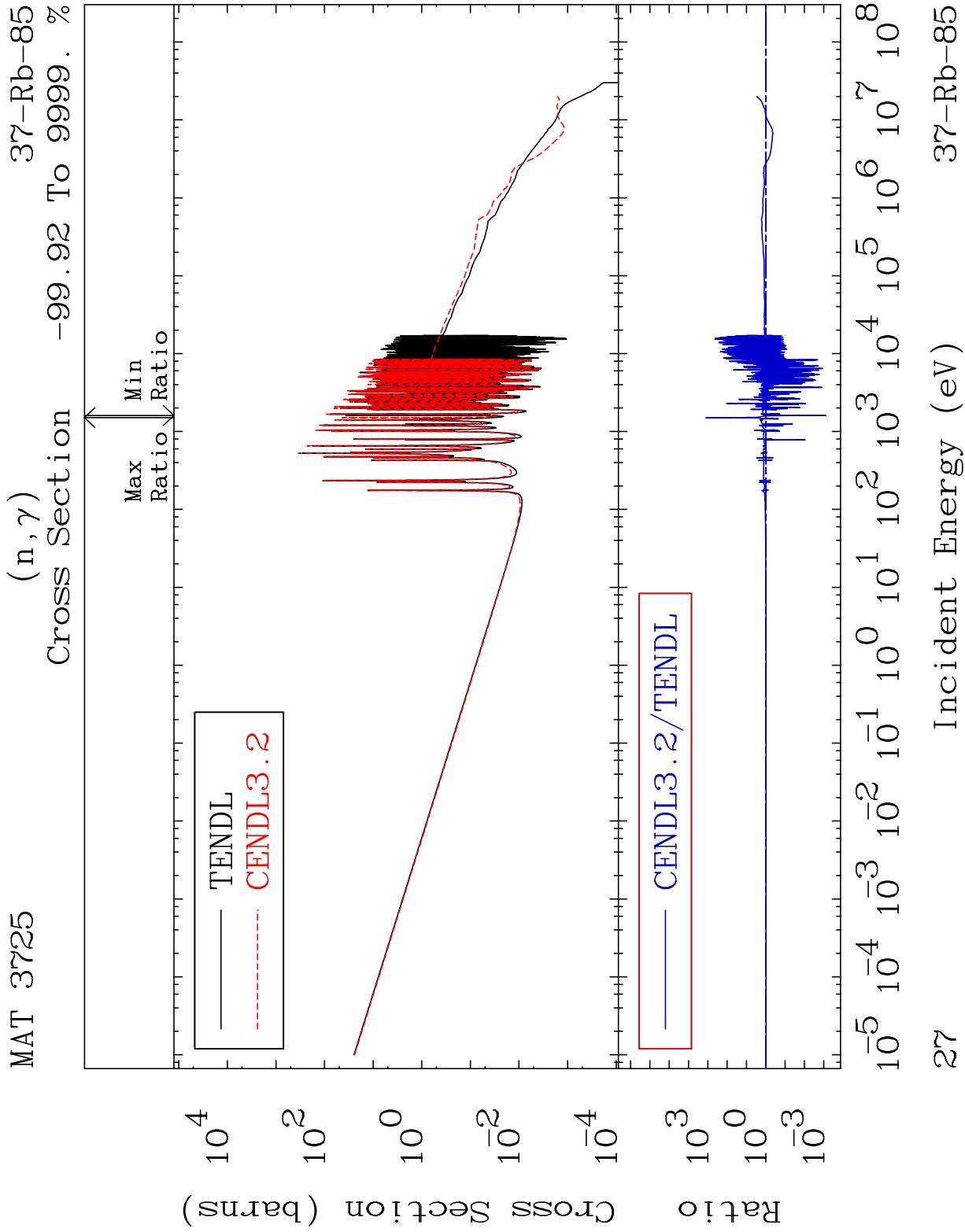
-96.16 To 183.4 %

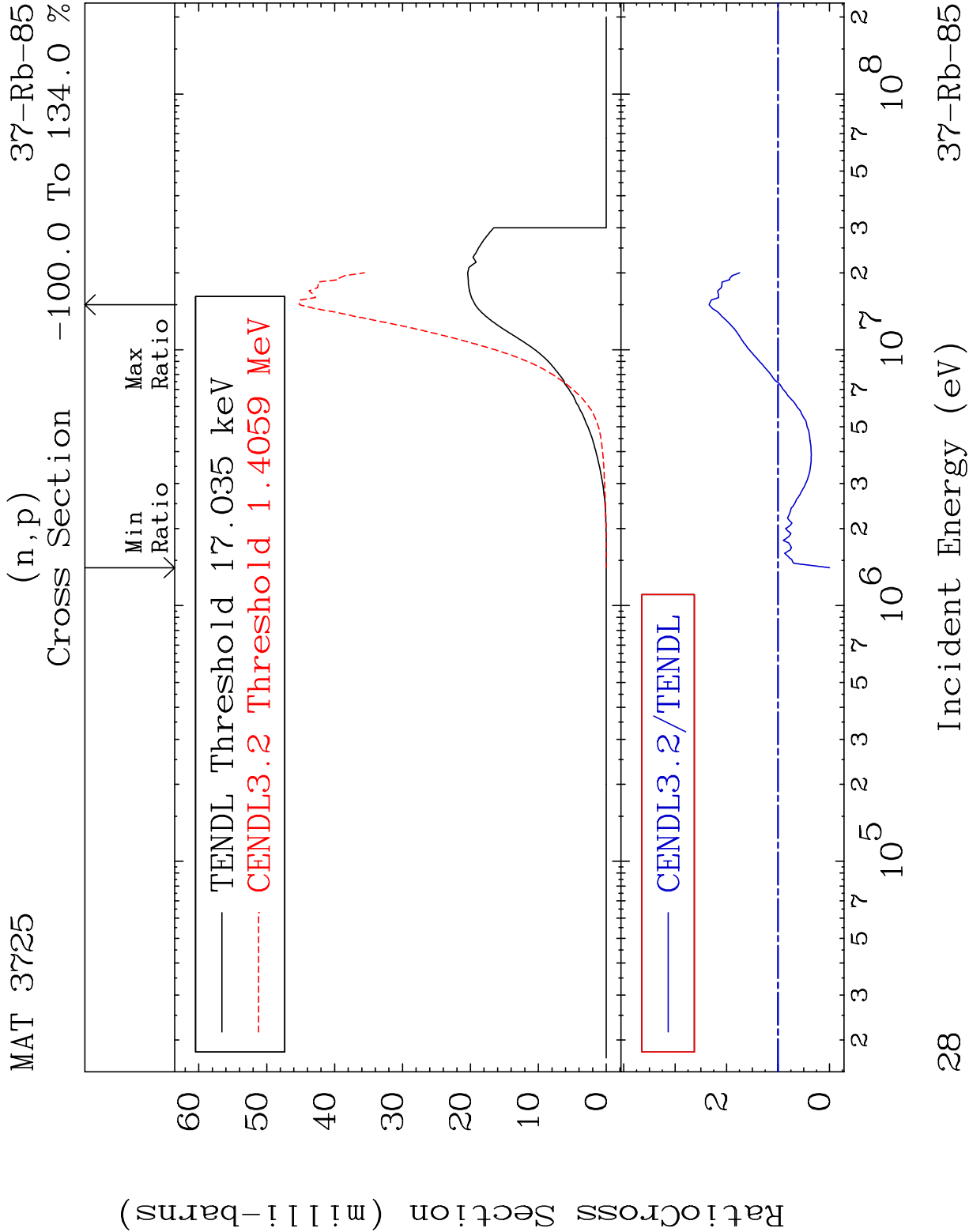


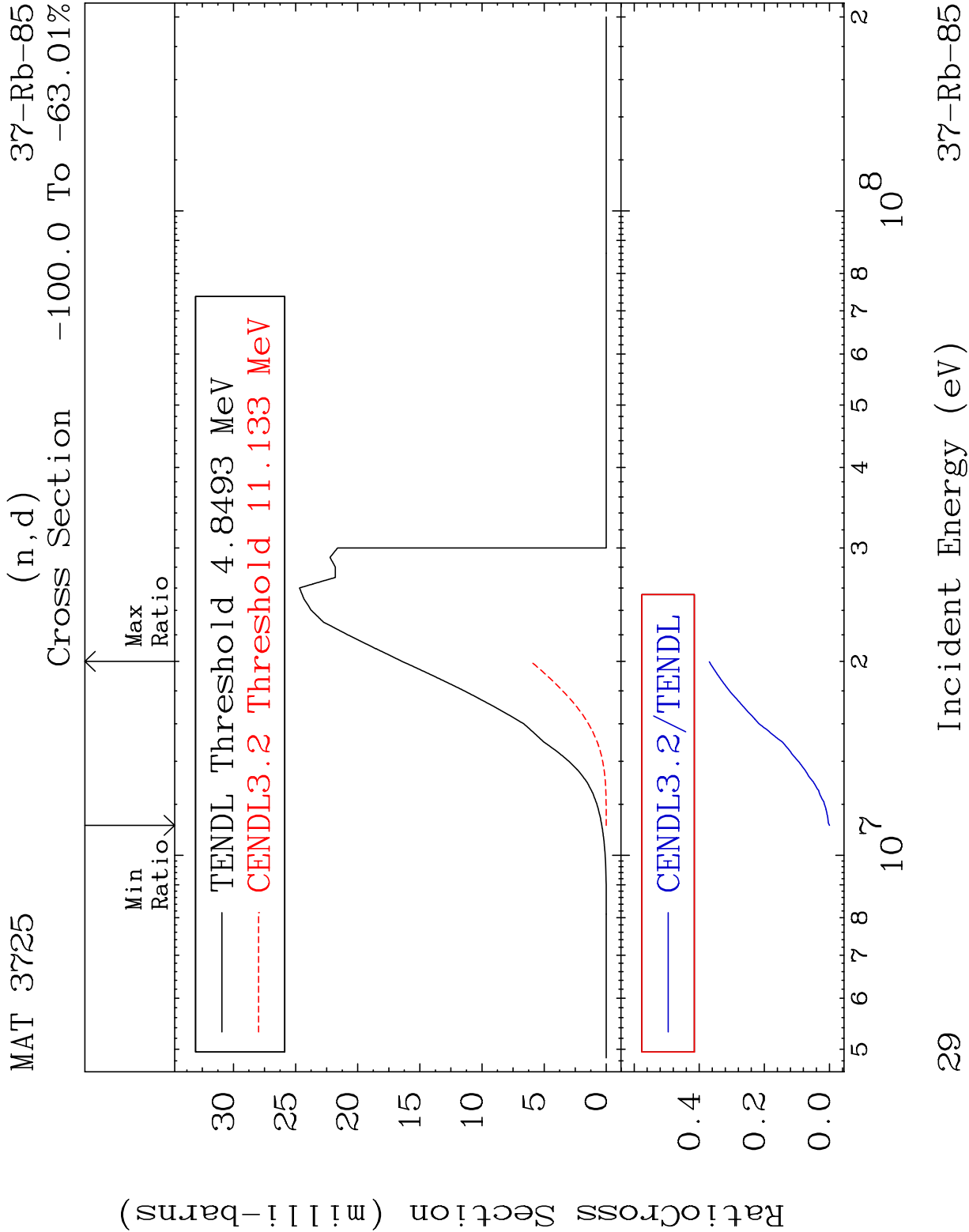


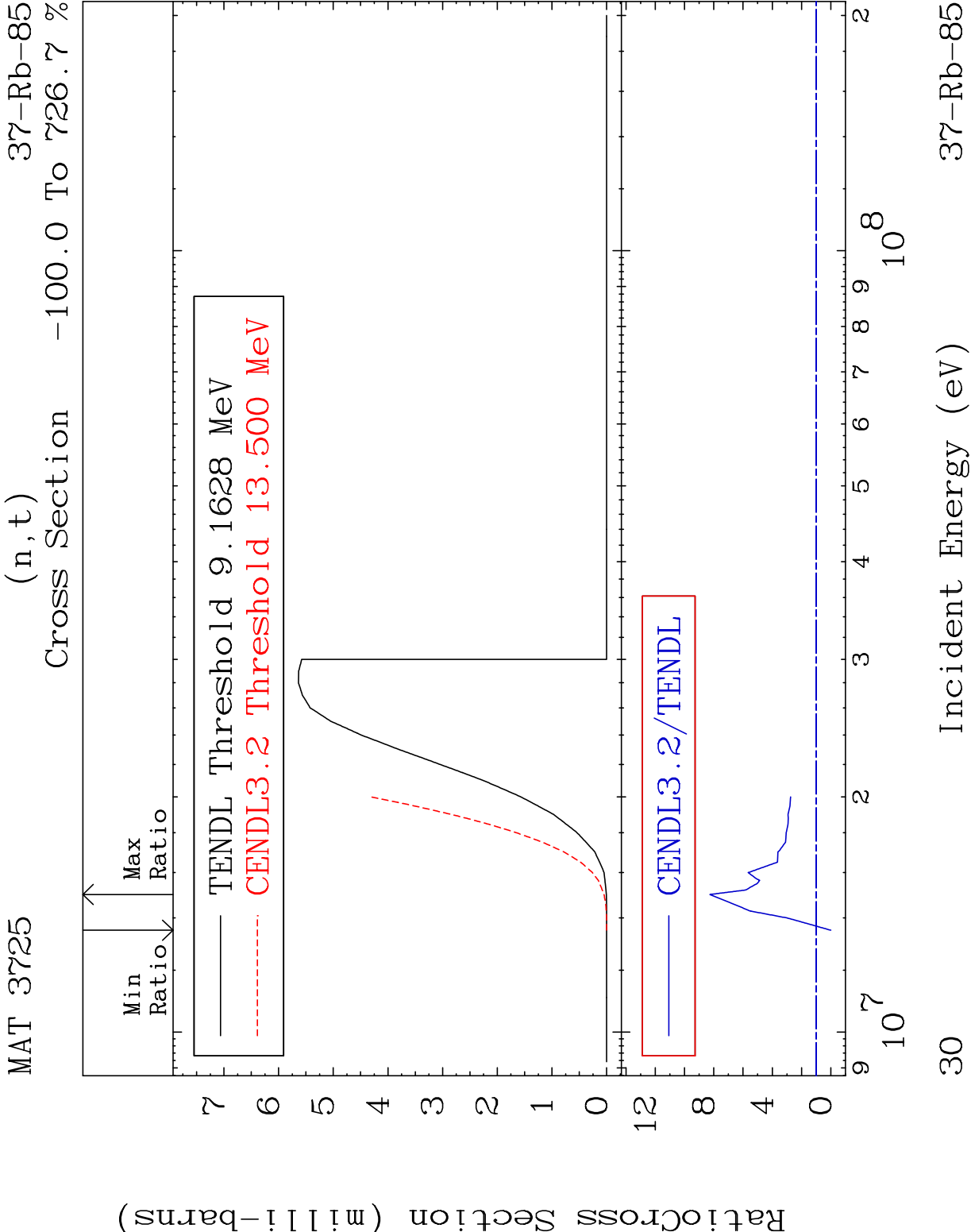










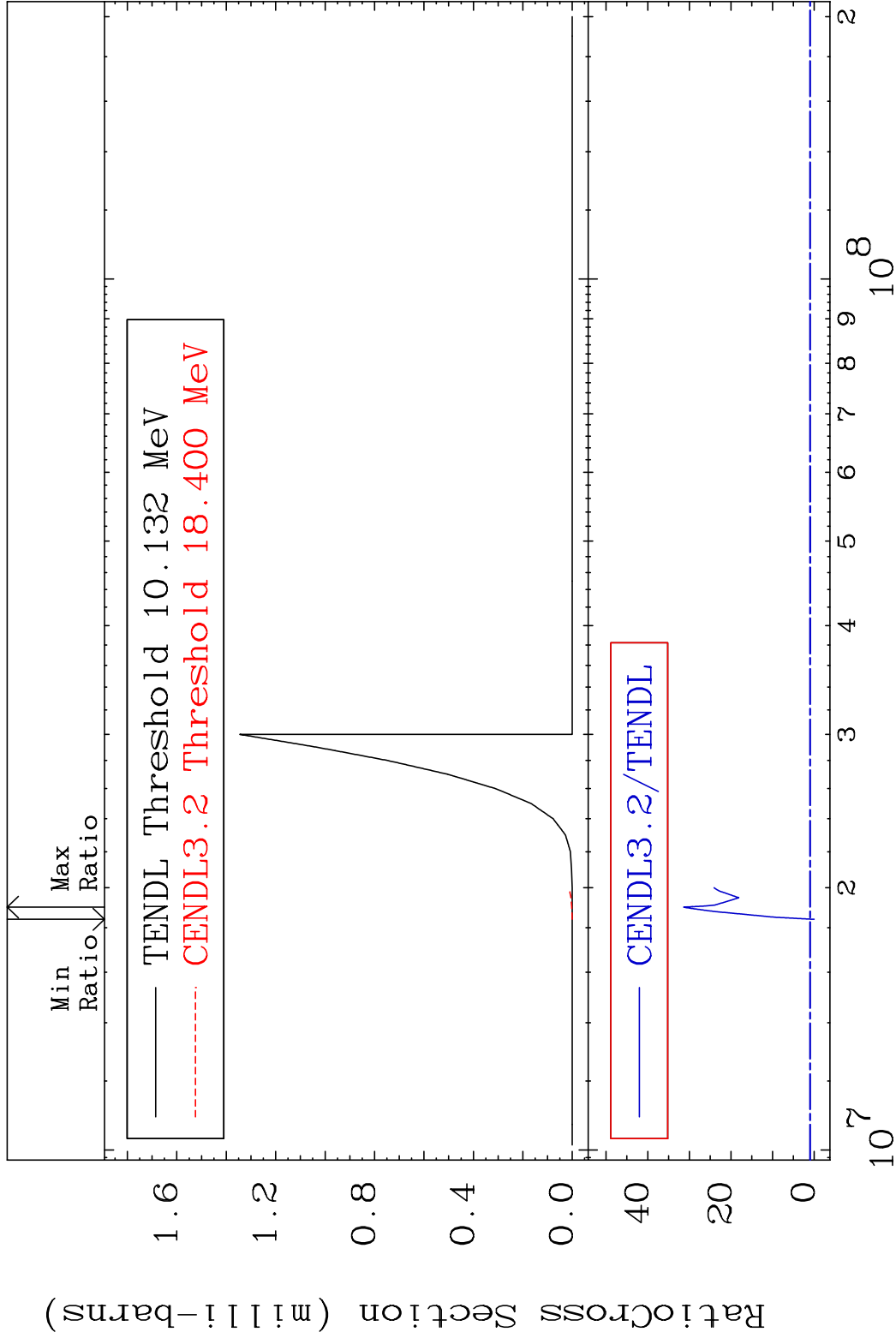


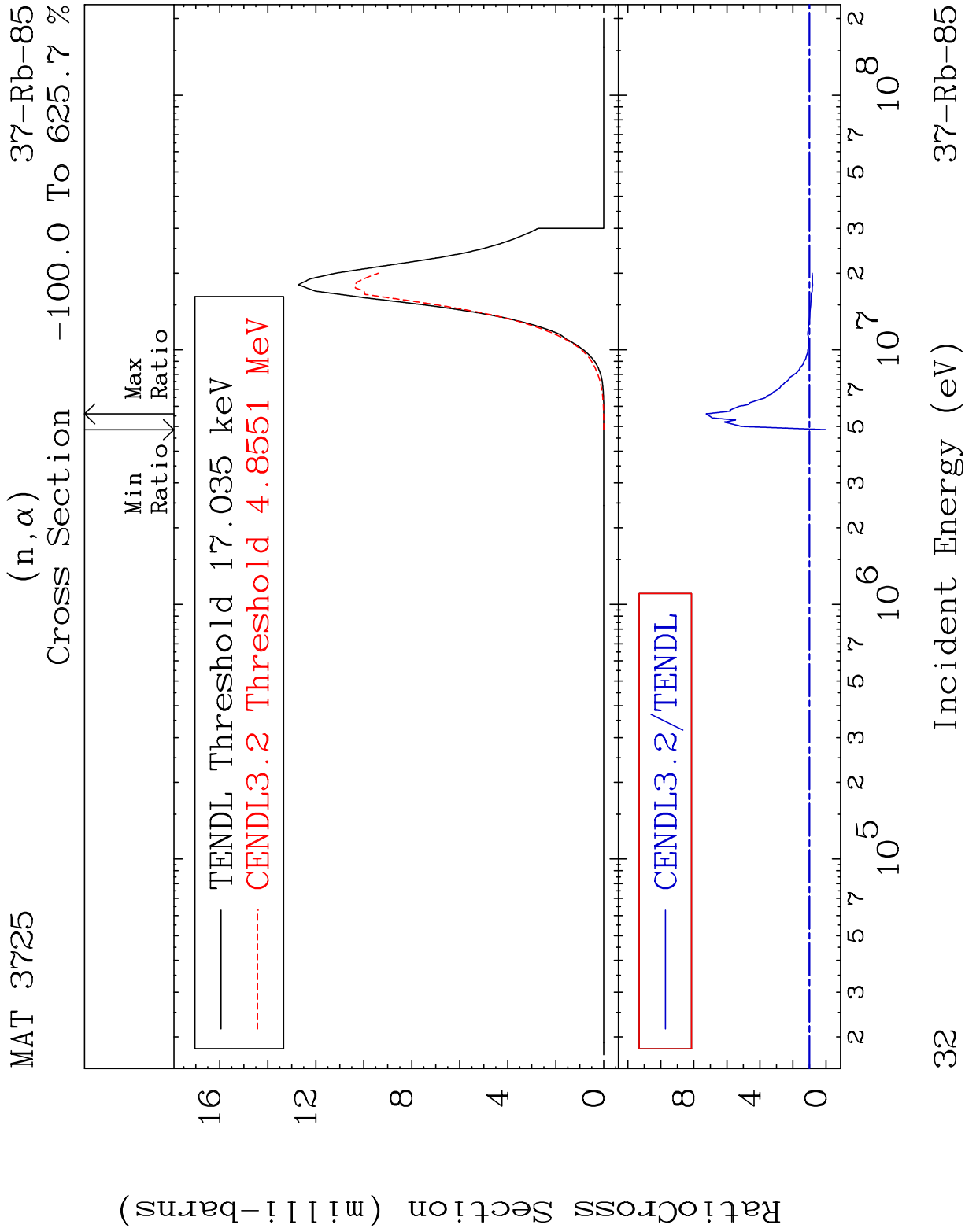
MAT 3725

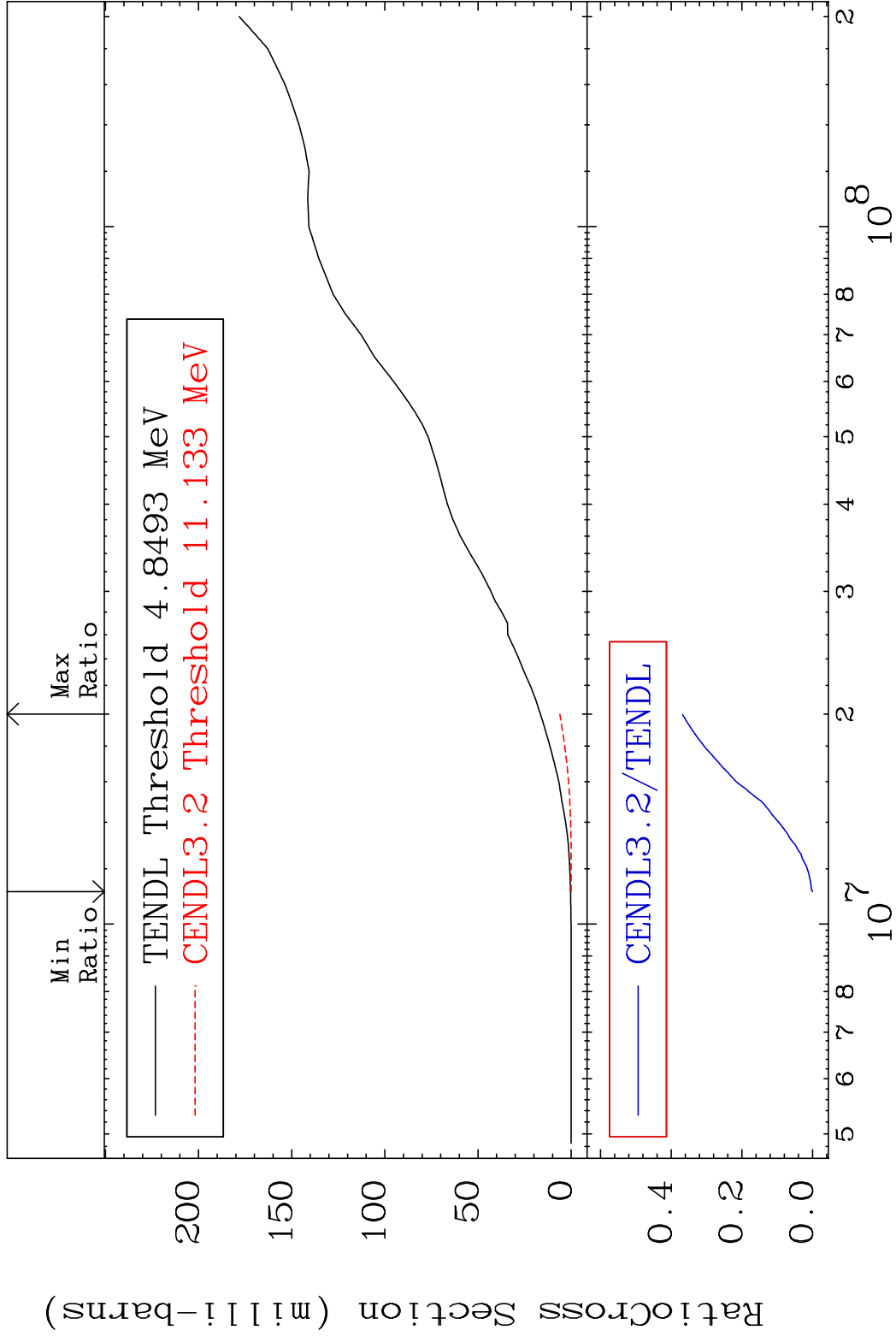
(n,He-3)

37-Rb-85

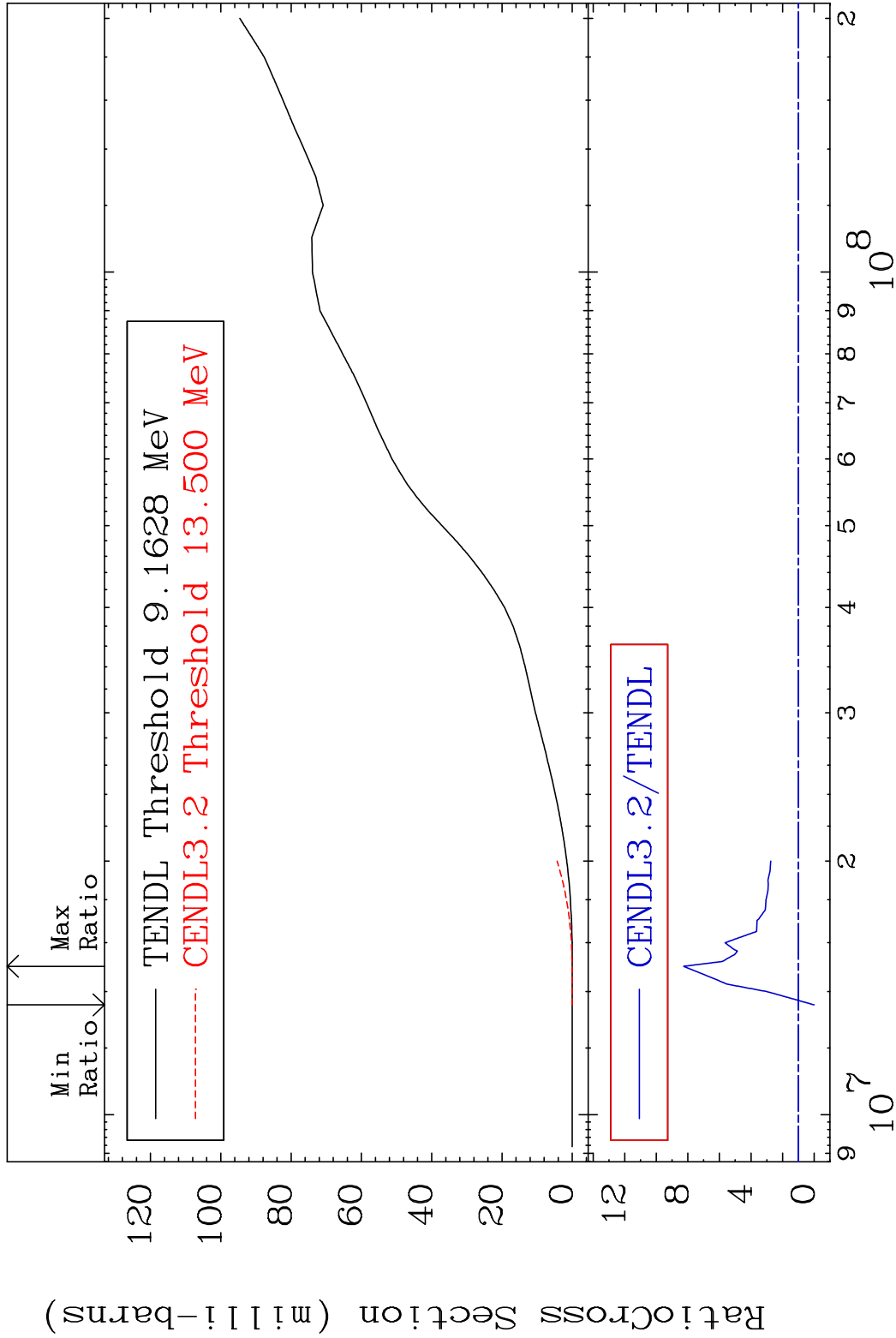
Cross Section -100.0 To 3036. %

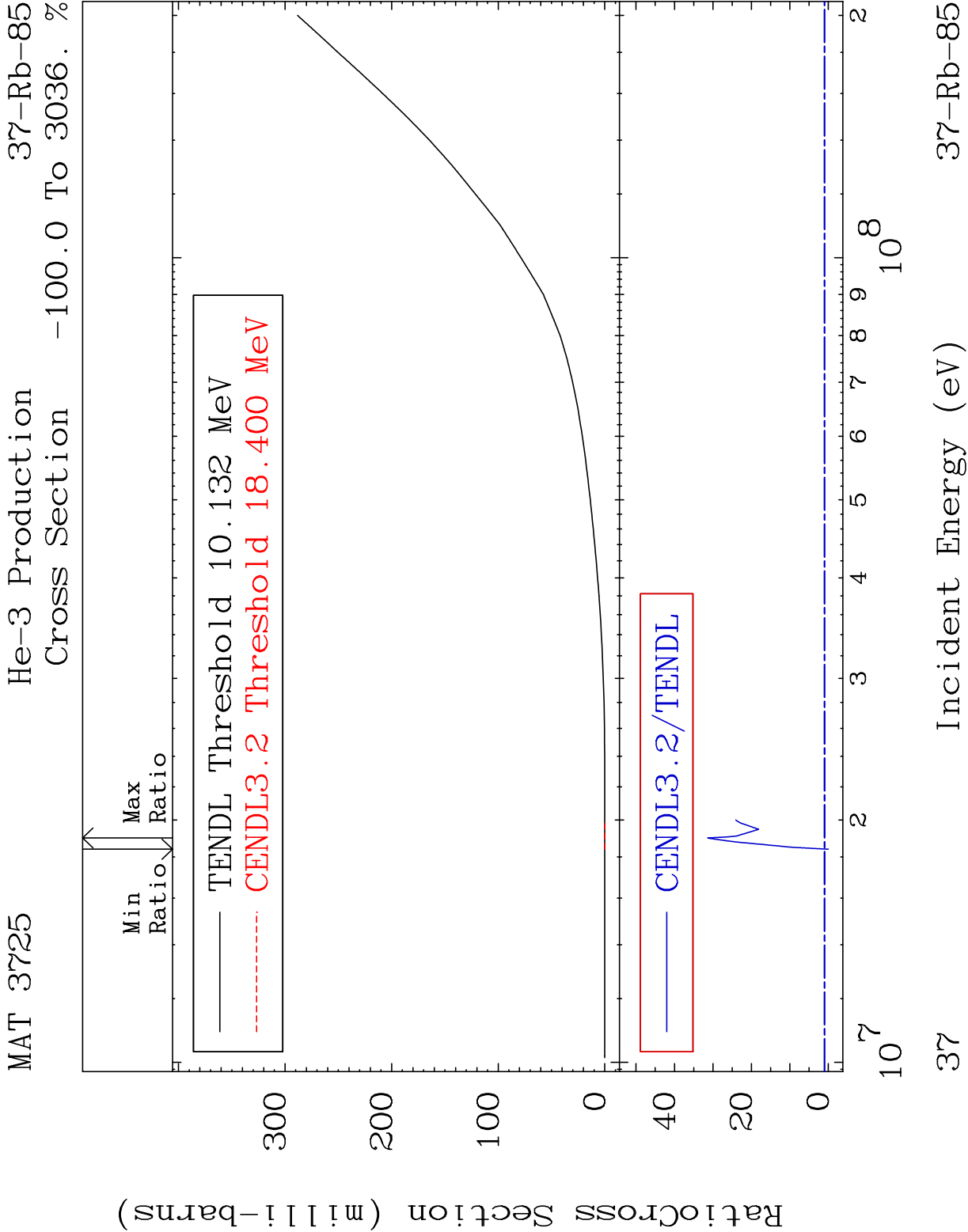


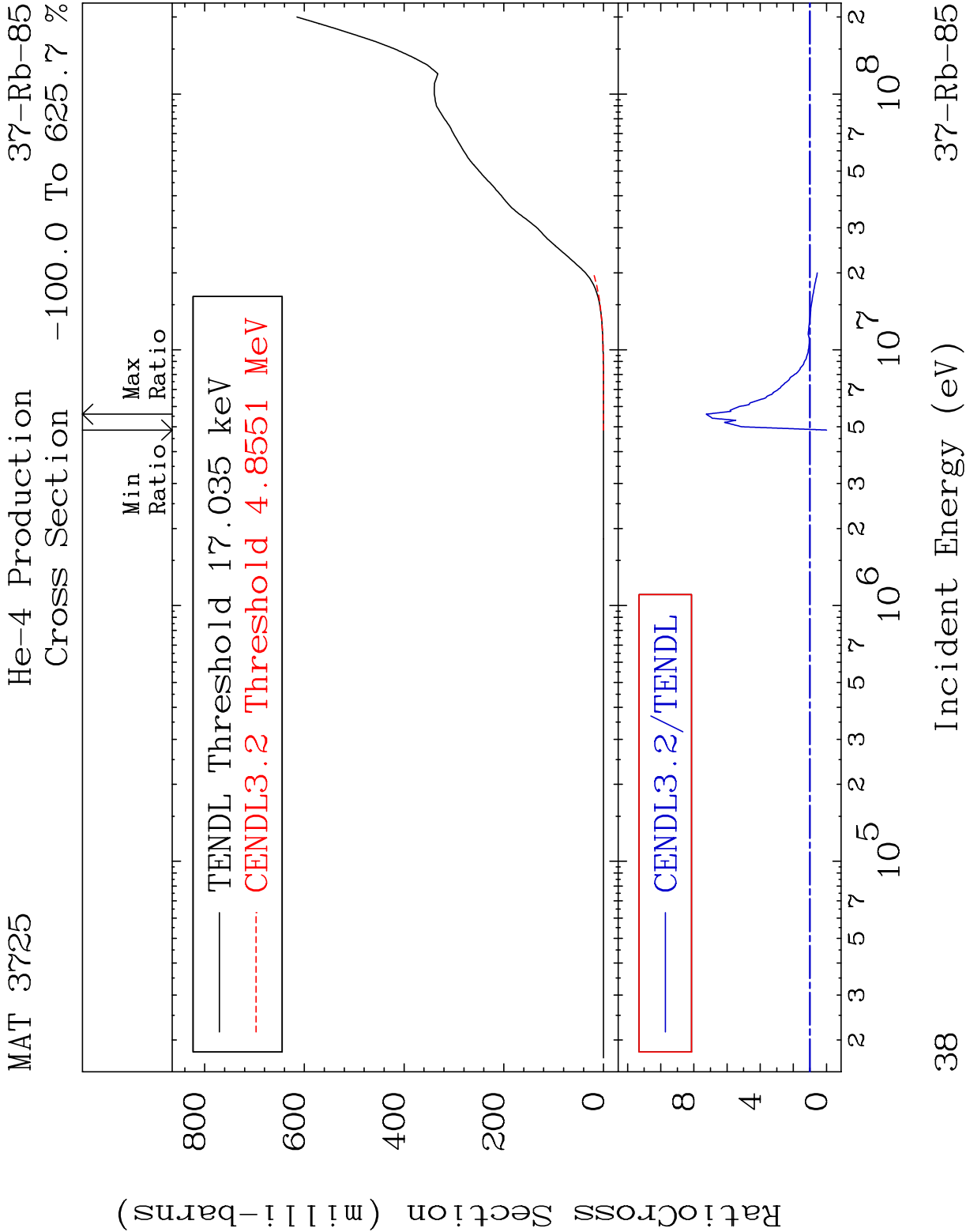


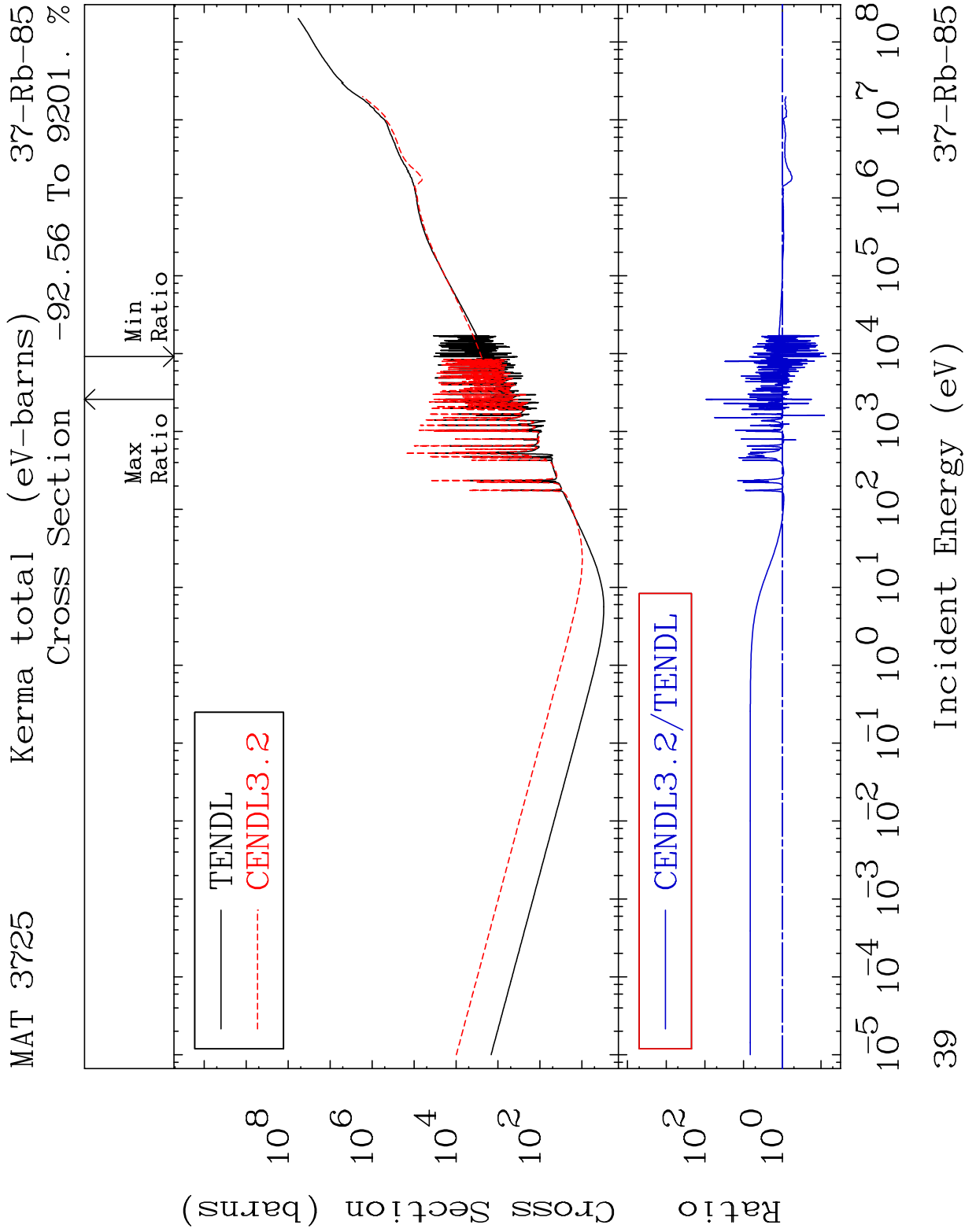


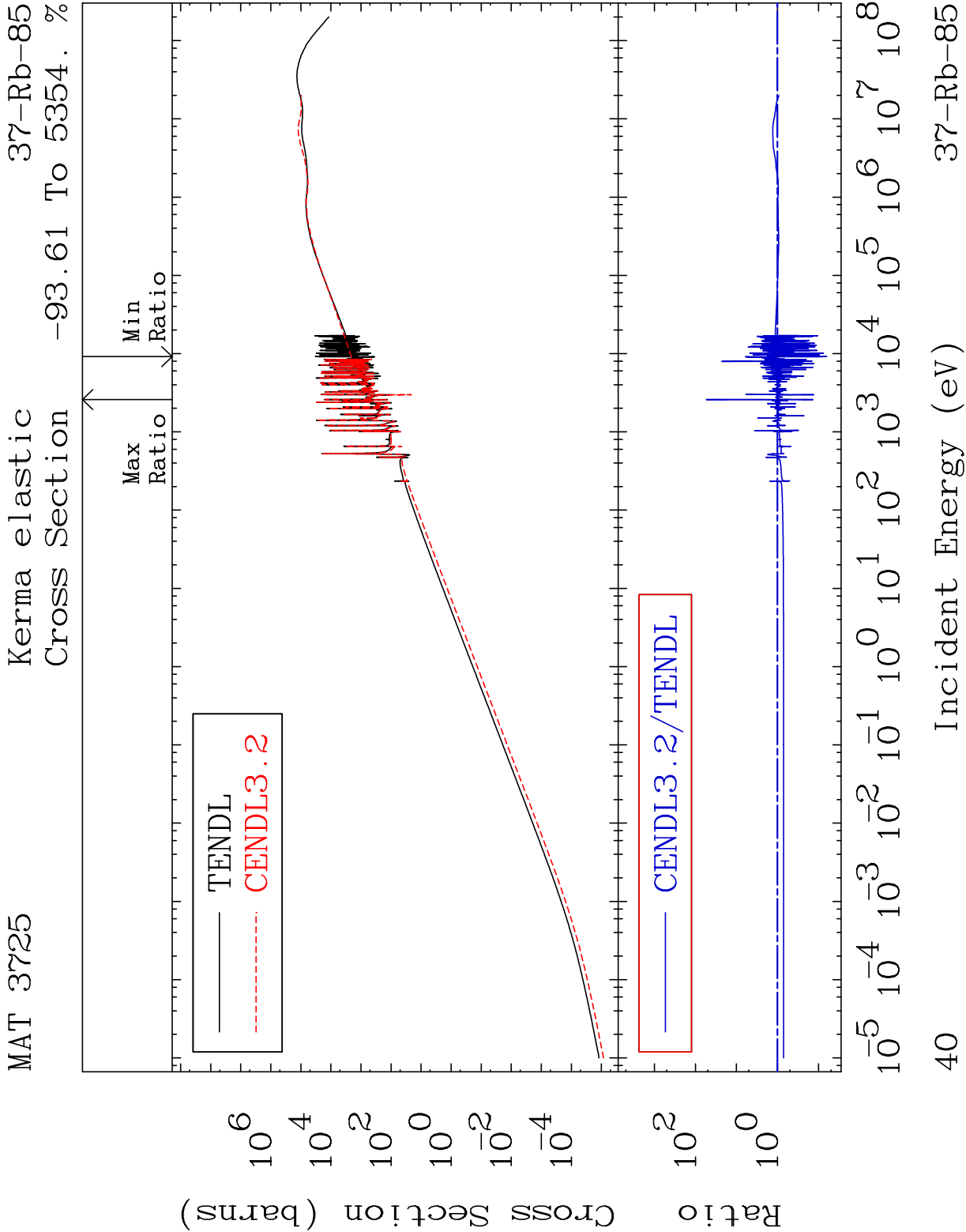
MAT 3725 Tritium Production 37-Rb-85
Cross Section -100.0 To 726.7 %



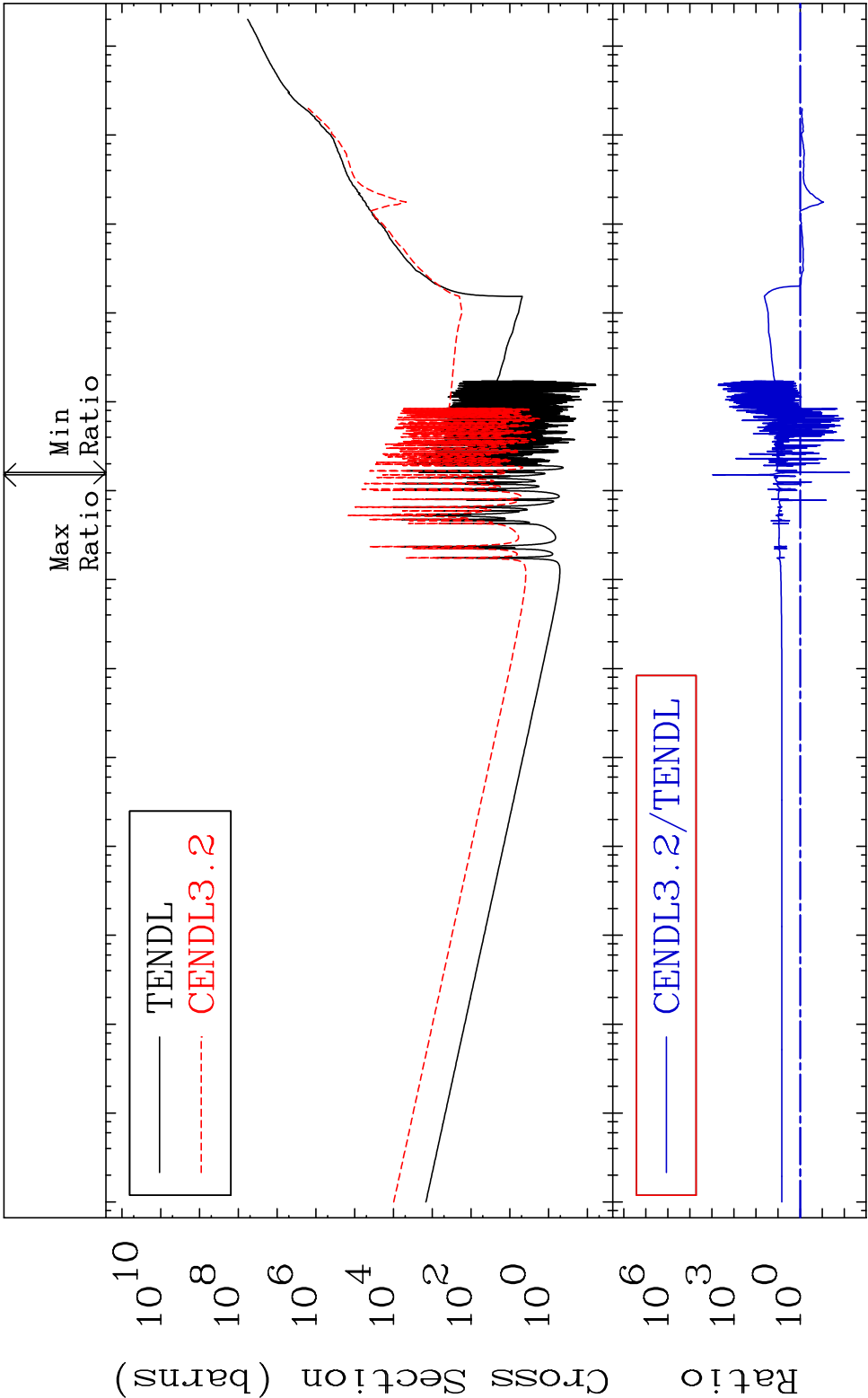






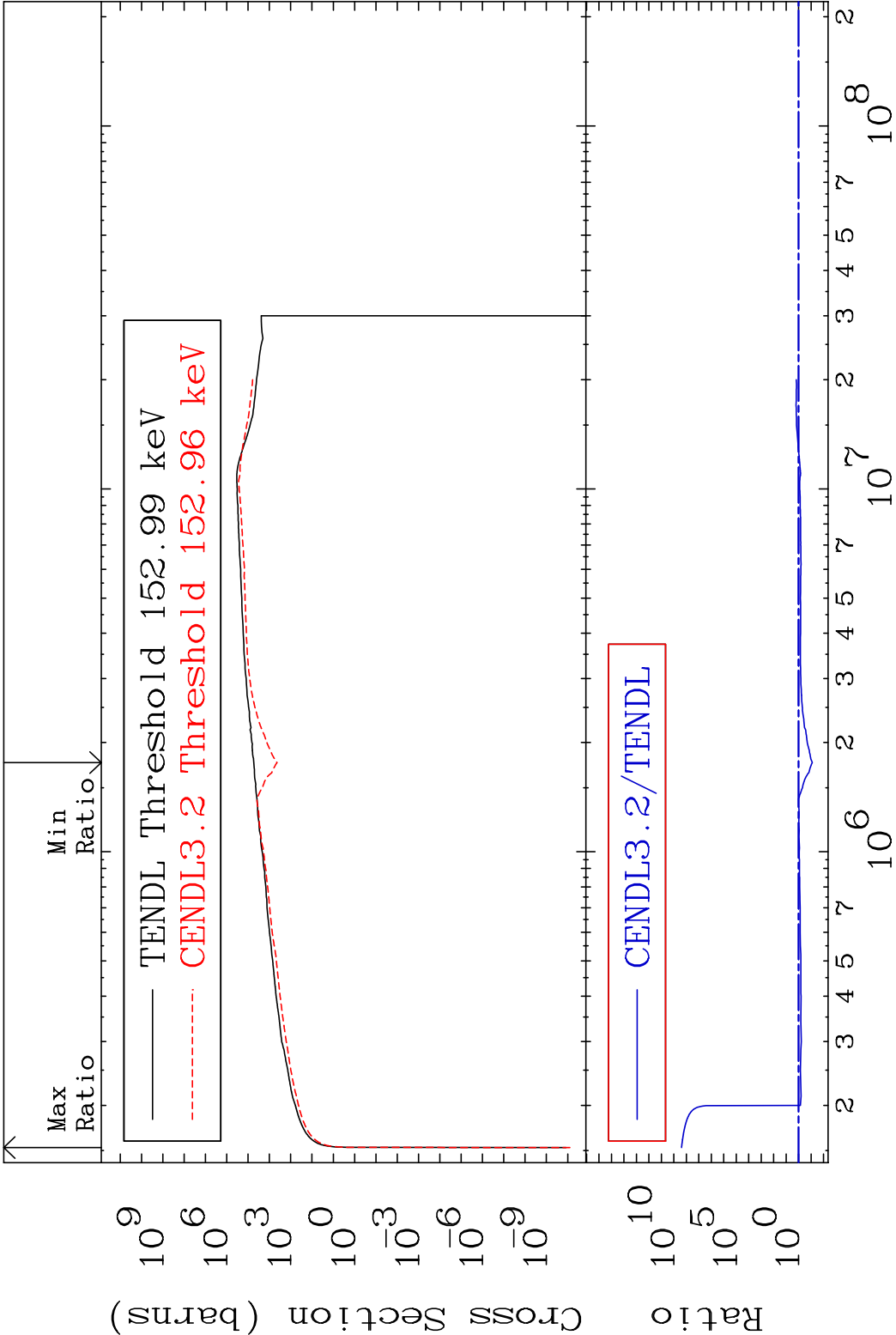


MAT 3725 Kerma non-elastic (all but mt2) 37-Rb-85
Cross Section -99.42 To 9999. %

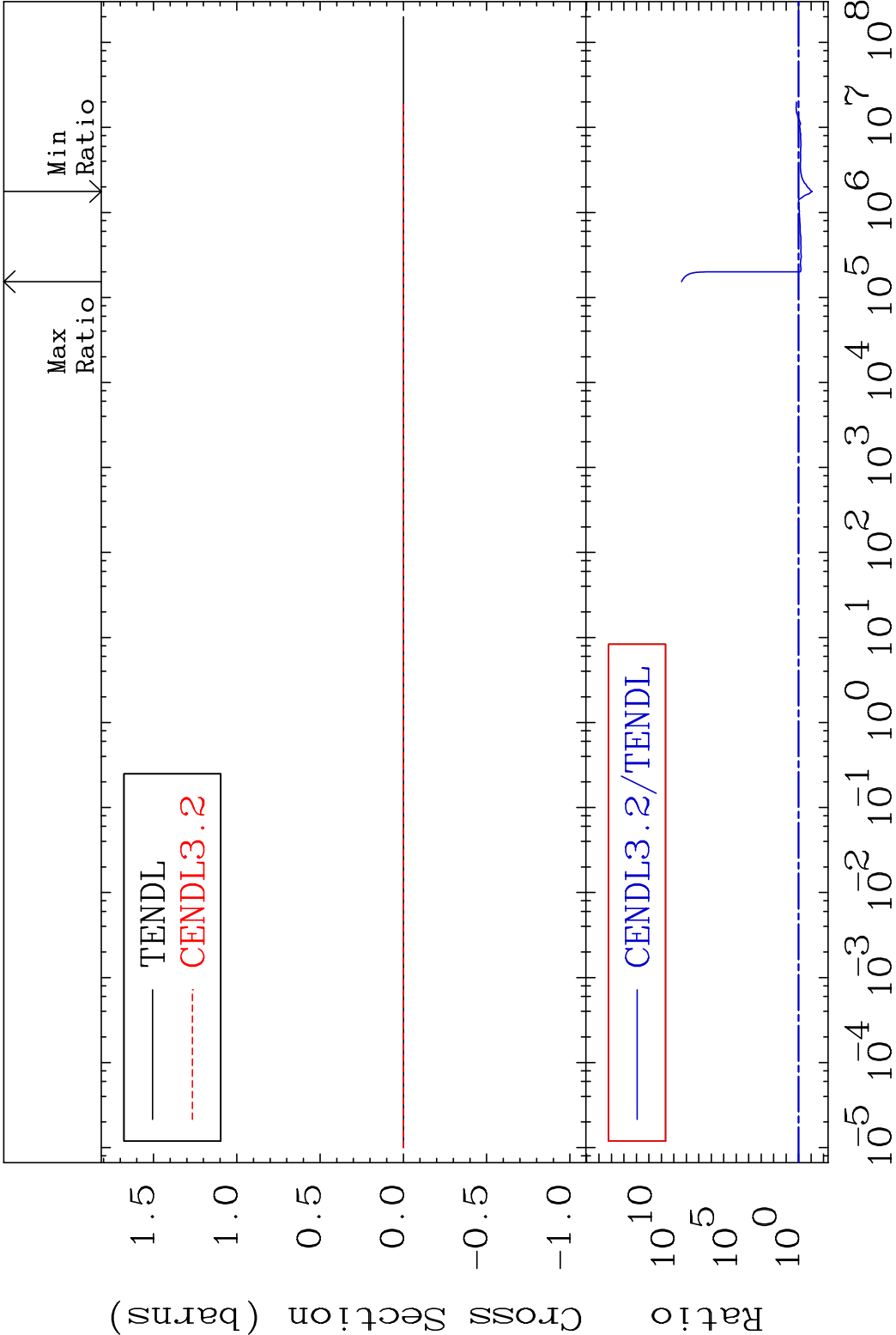


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

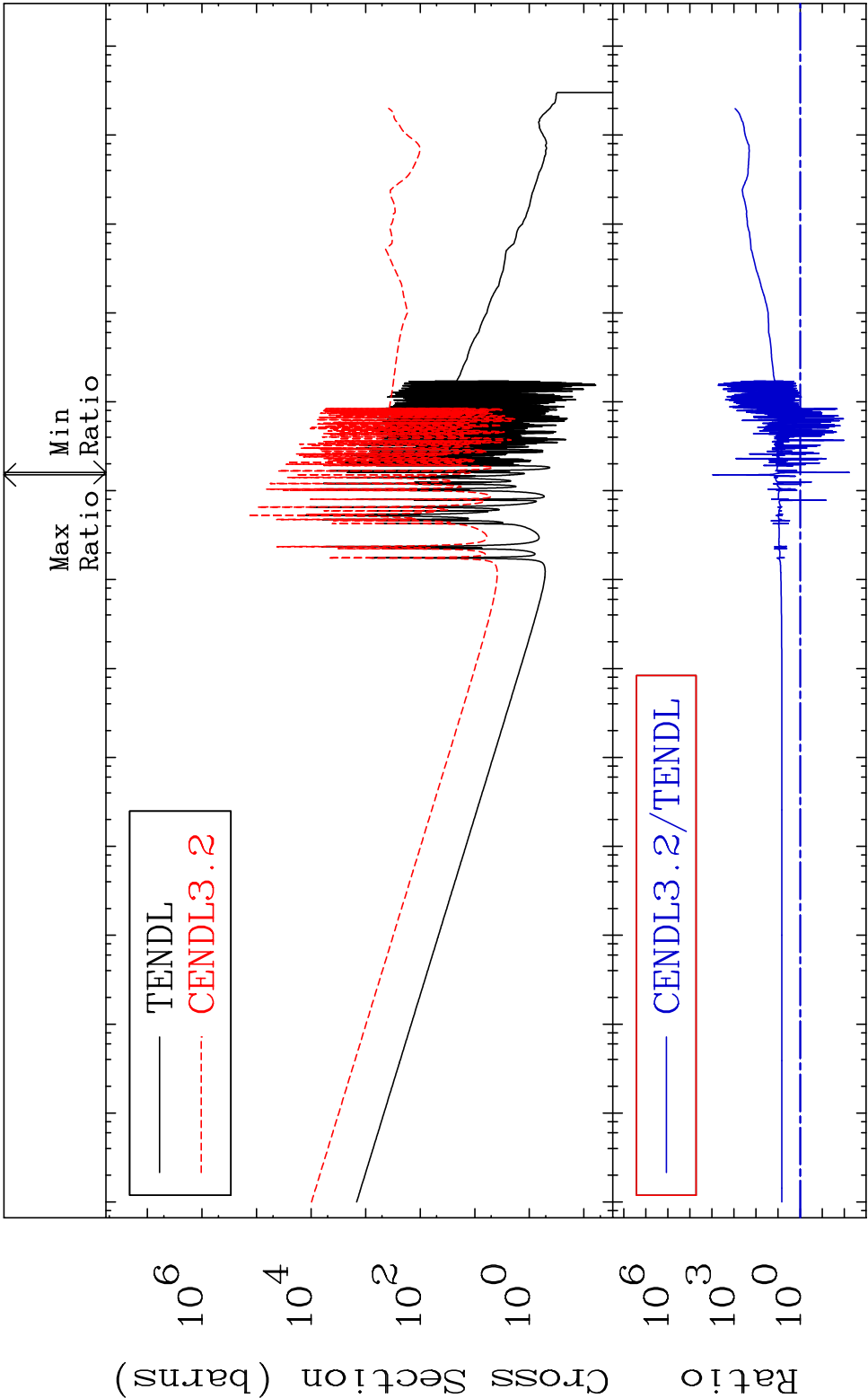
41 Incident Energy (eV) 37-Rb-85



MAT 3725 Kerma fission (mt18 or mt19-20-21-38) 37-Rb-85
 Cross Section -91.90 To 9999. %

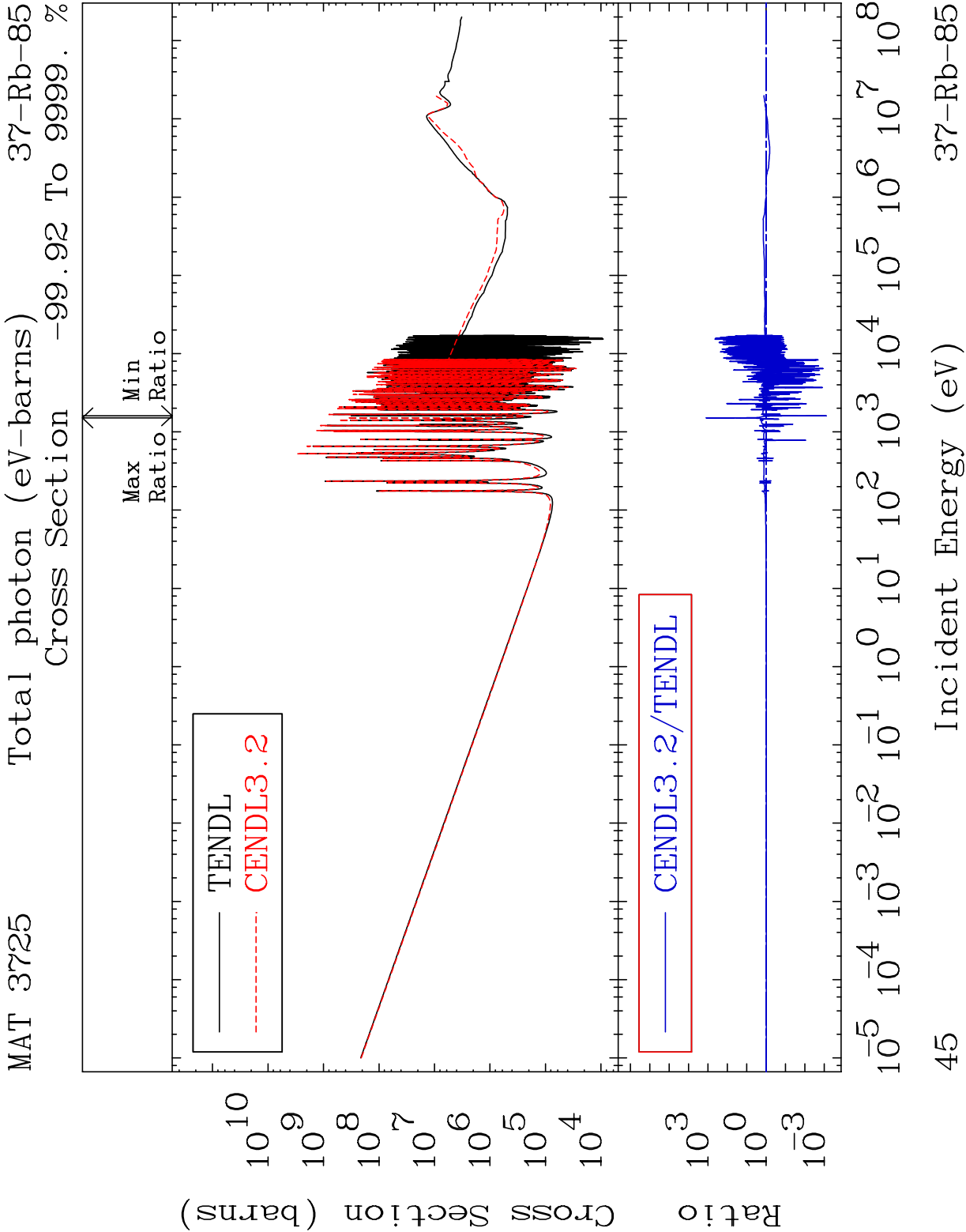


MAT 3725 Kerma capture (mt102) 37-Rb-85
Cross Section -99.42 To 9999. %

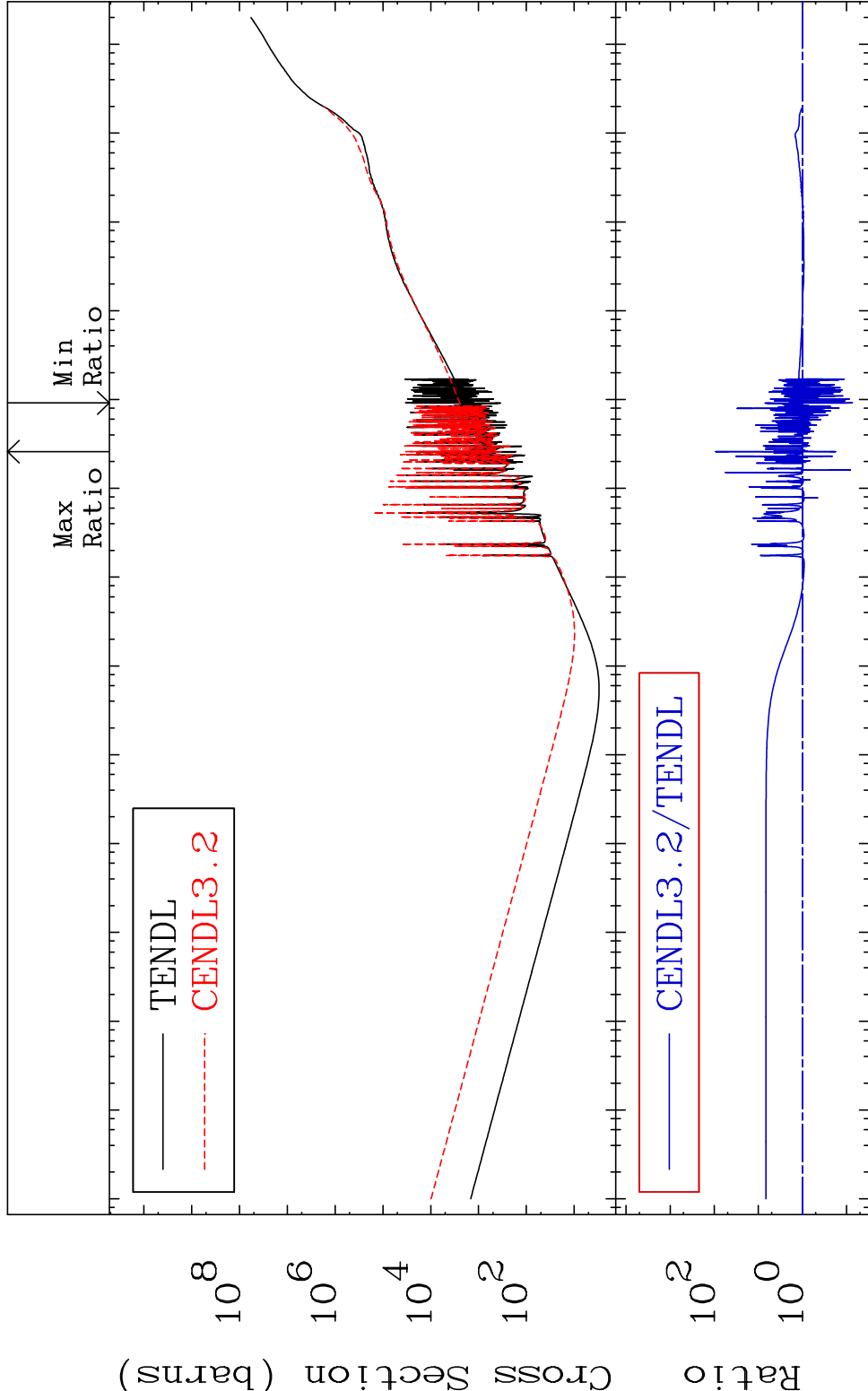


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

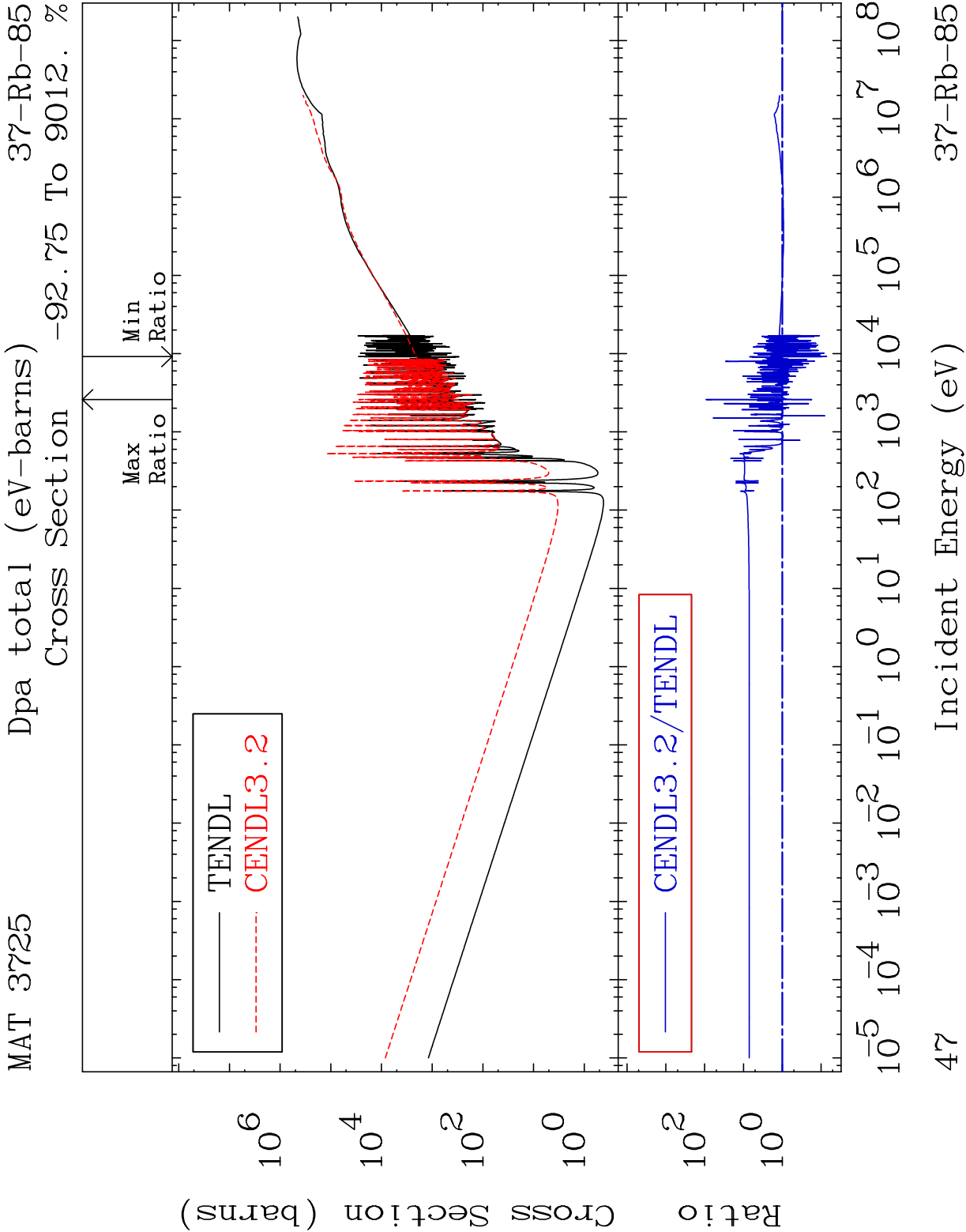
44 Incident Energy (eV) 37-Rb-85



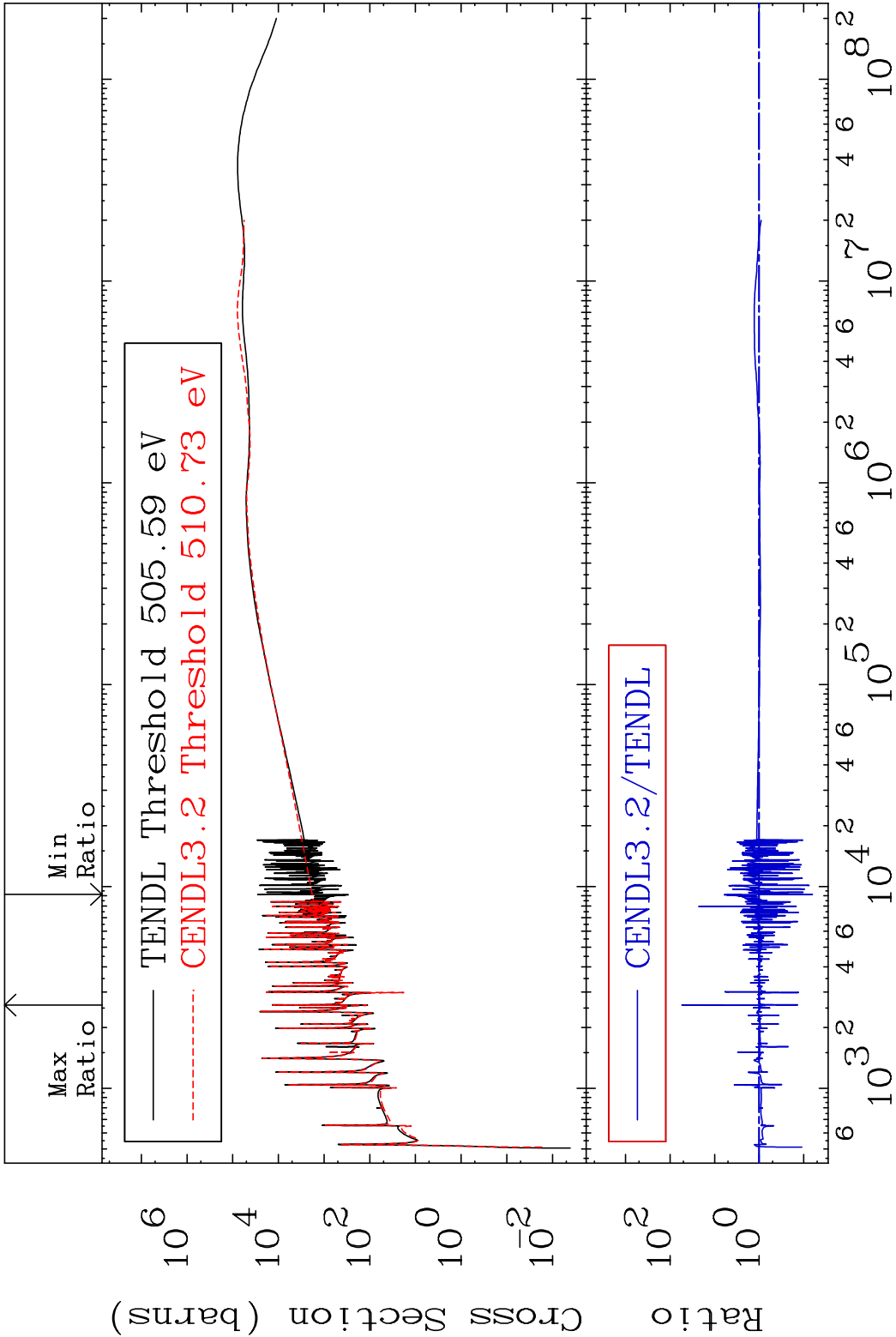
MAT 3725 Total kinematic kerma (high limit) 37-Rb-85
Cross Section -92.56 To 9201. %

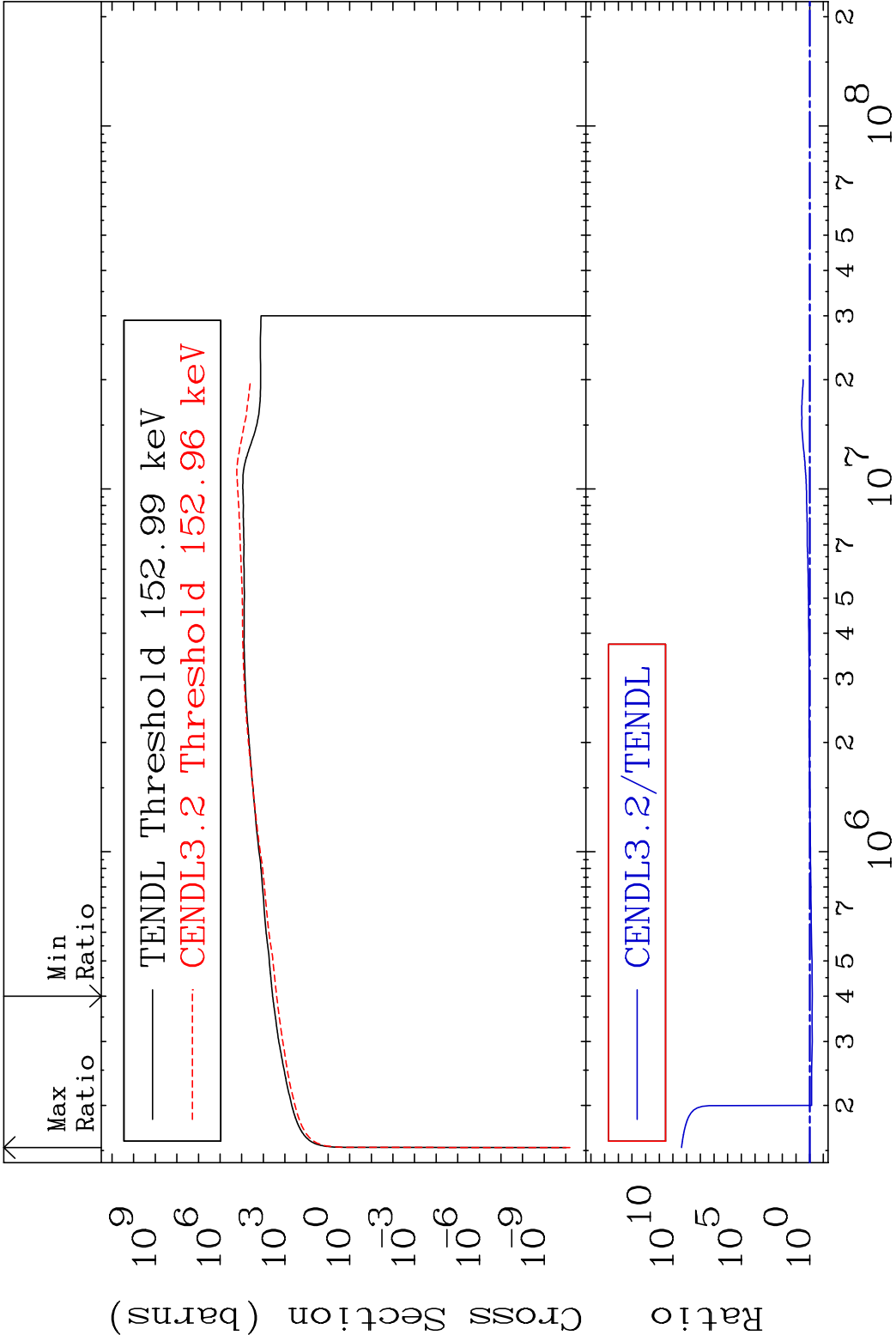


46 Incident Energy (eV) 37-Rb-85

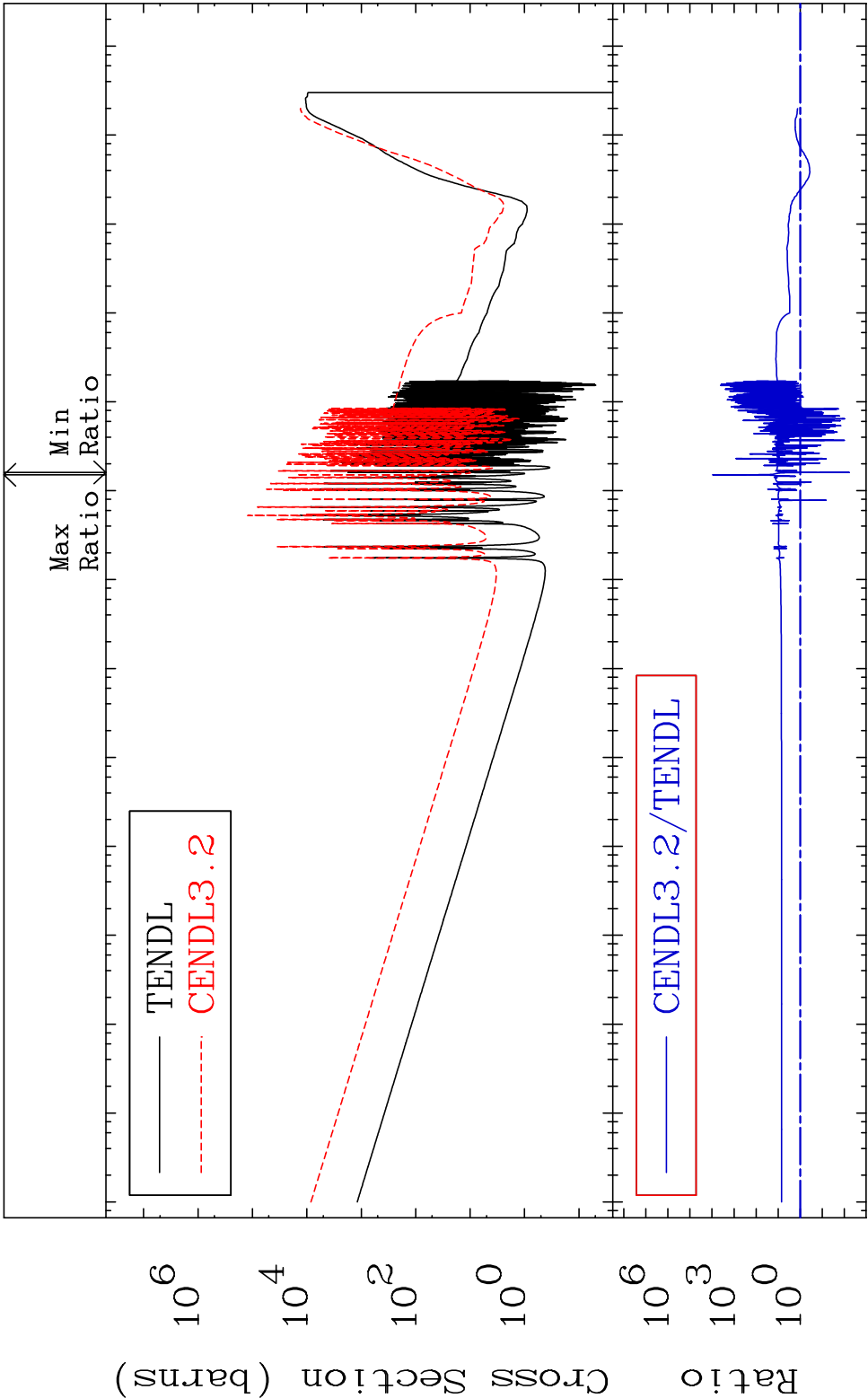


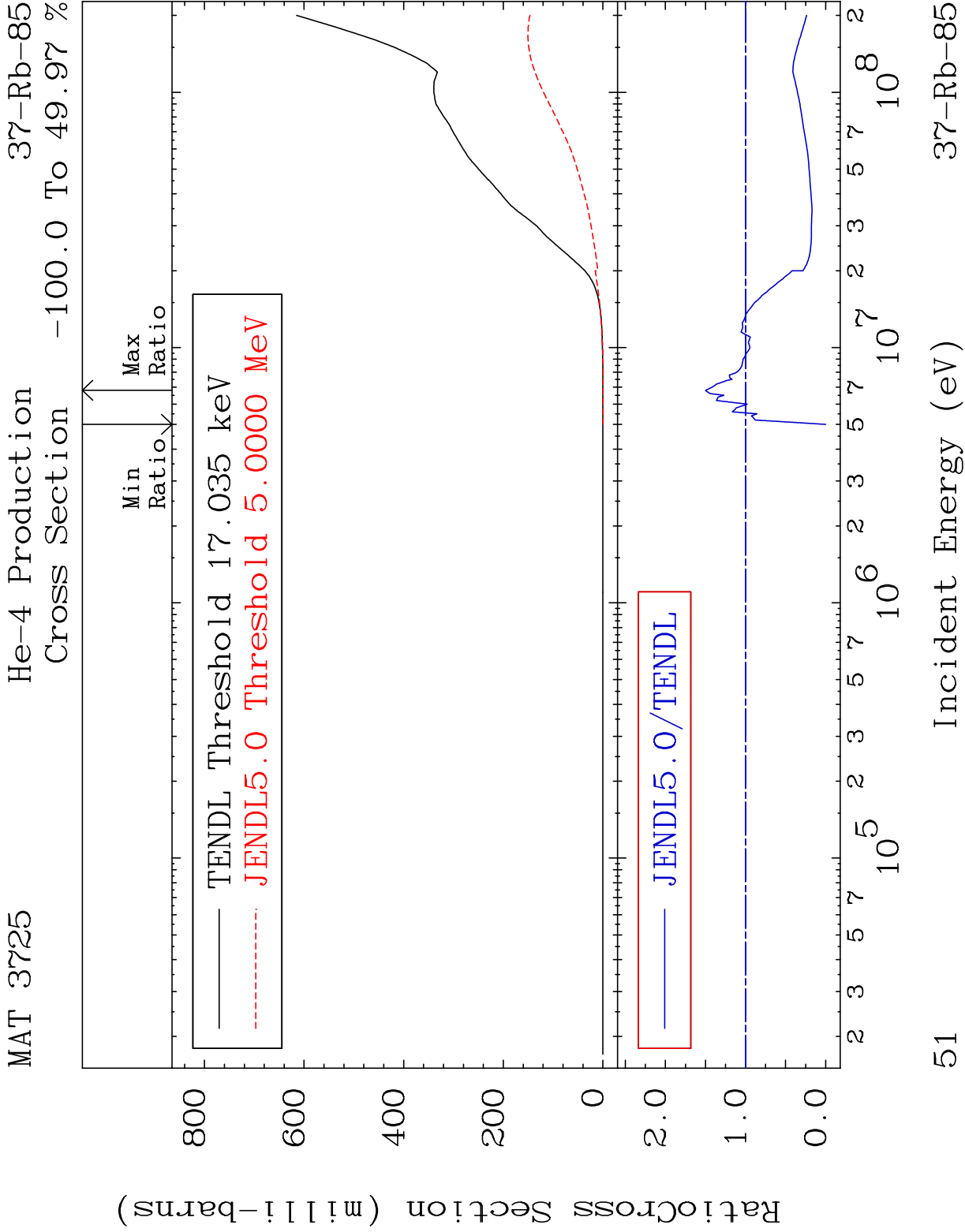
MAT 3725 Dpa elastic (mt2) 37-Rb-85
Cross Section -93.61 To 5369. %

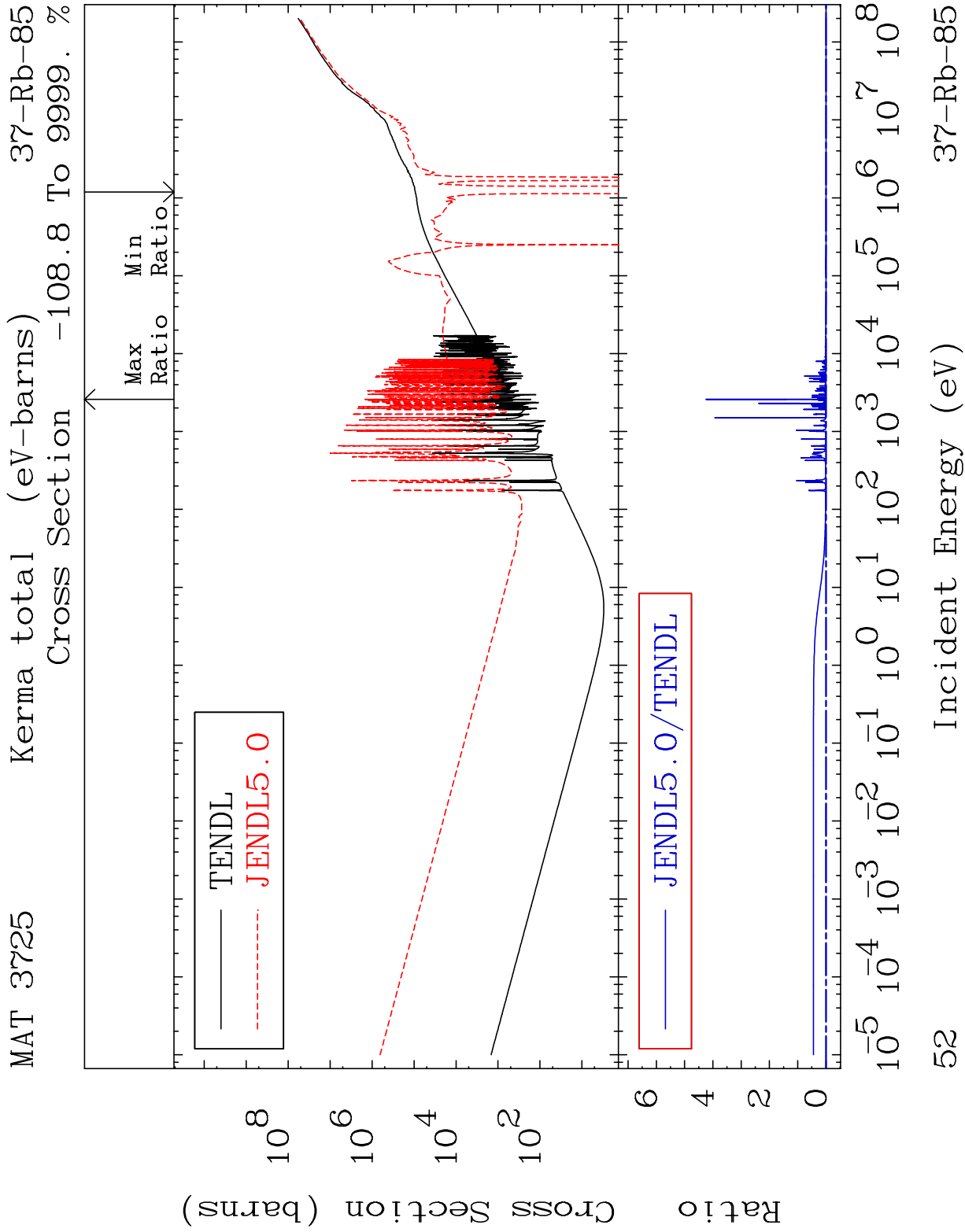


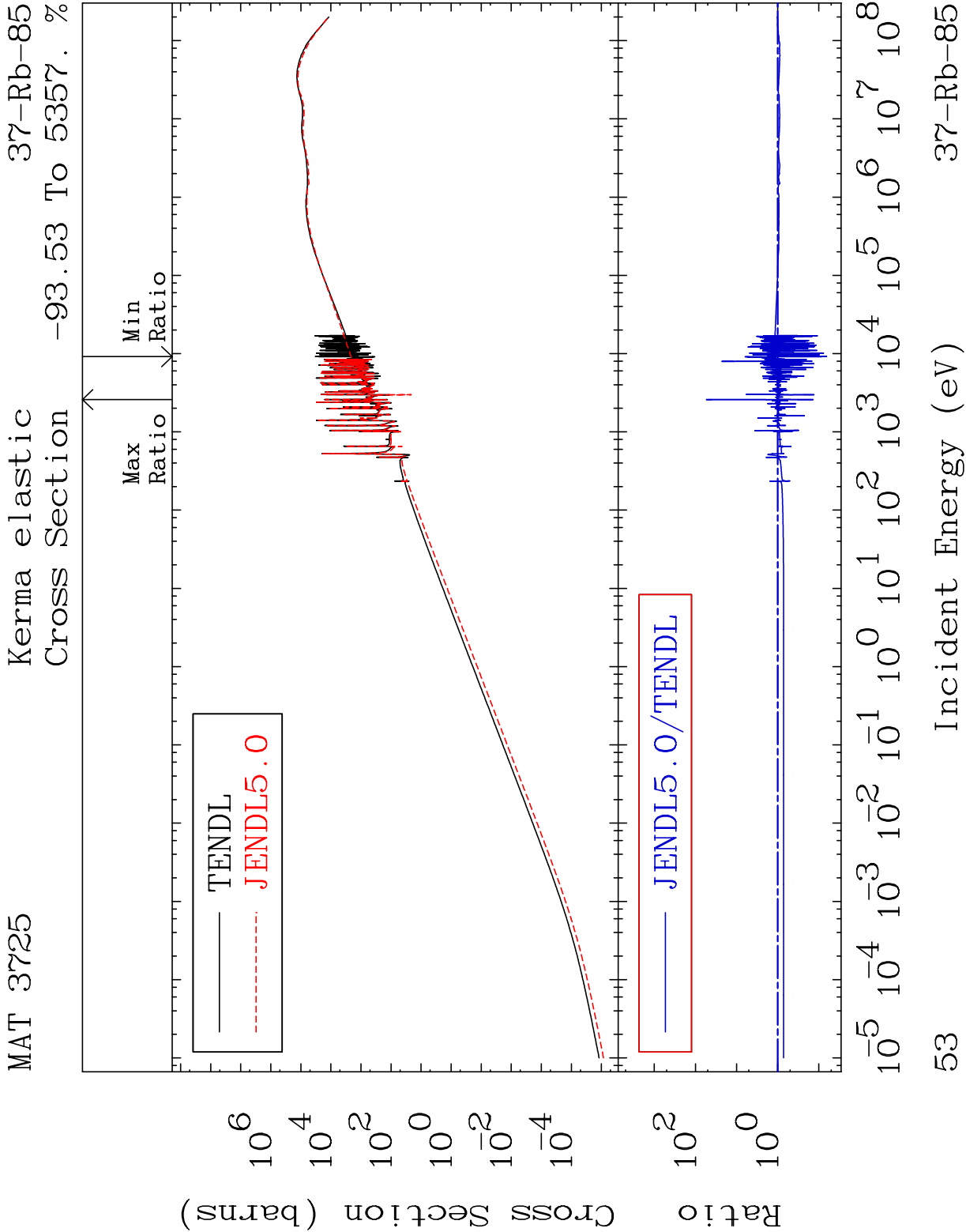


MAT 3725 Dpa disappearance (mt102 -120) 37-Rb-85
 Cross Section -99.42 To 9999. %

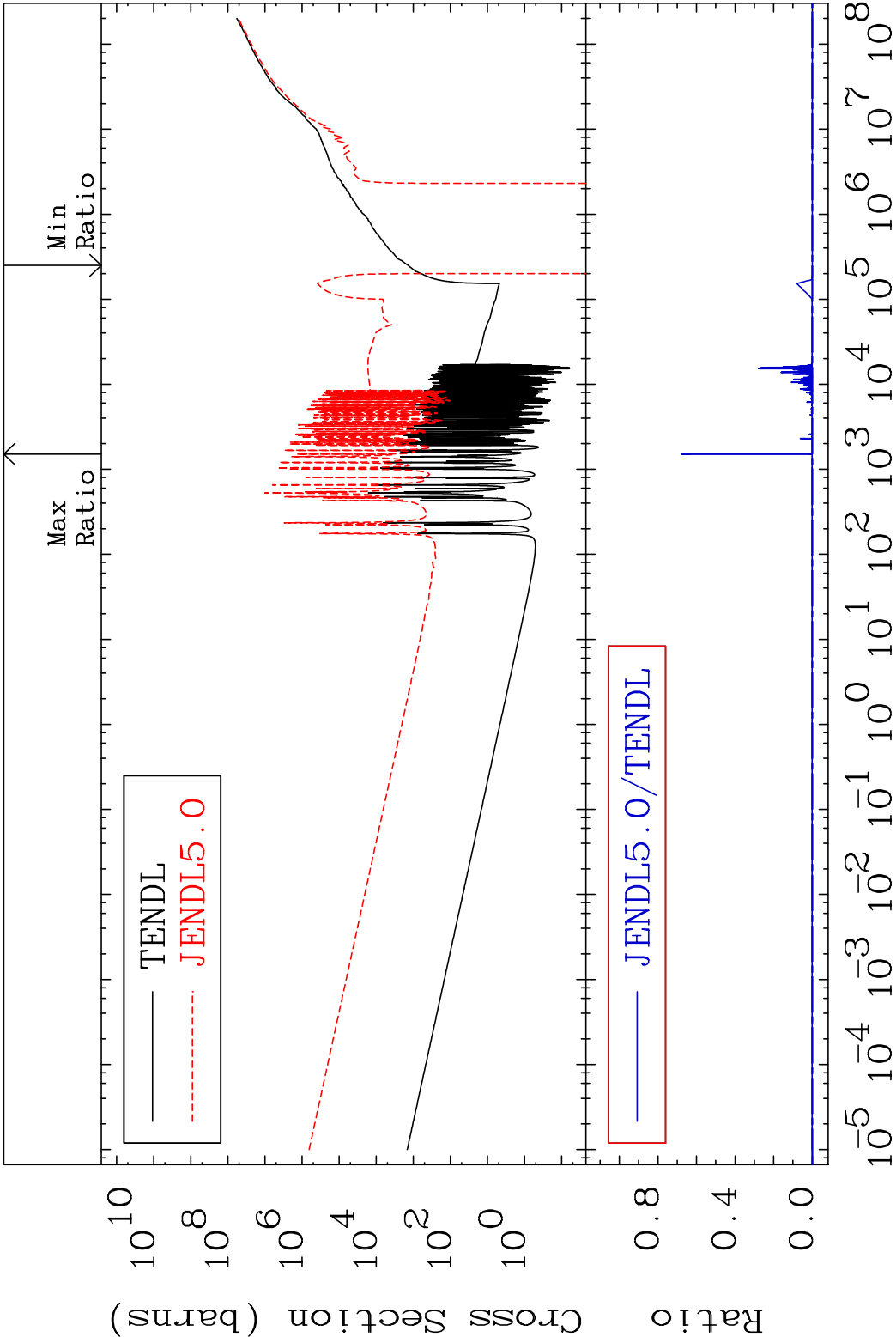


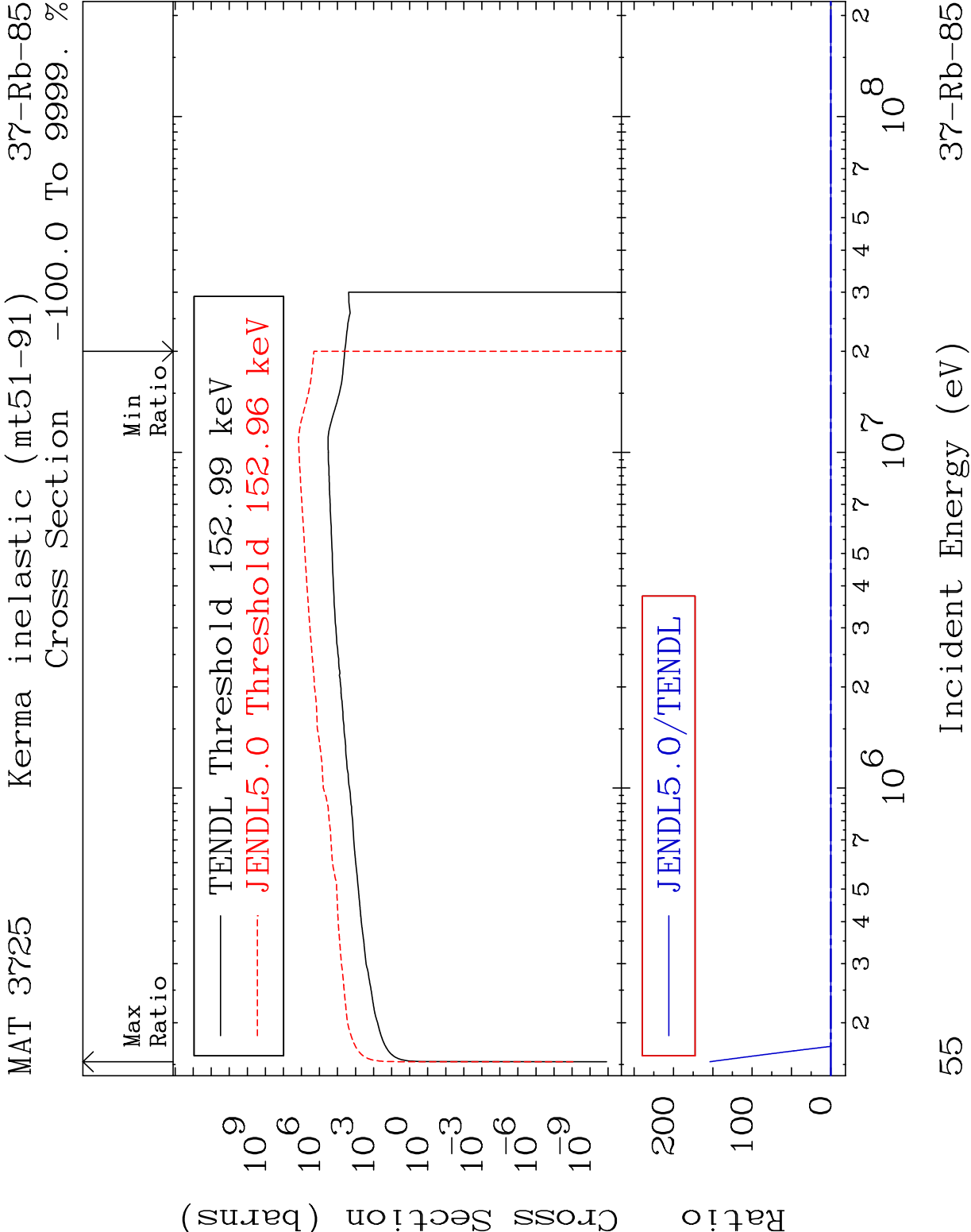




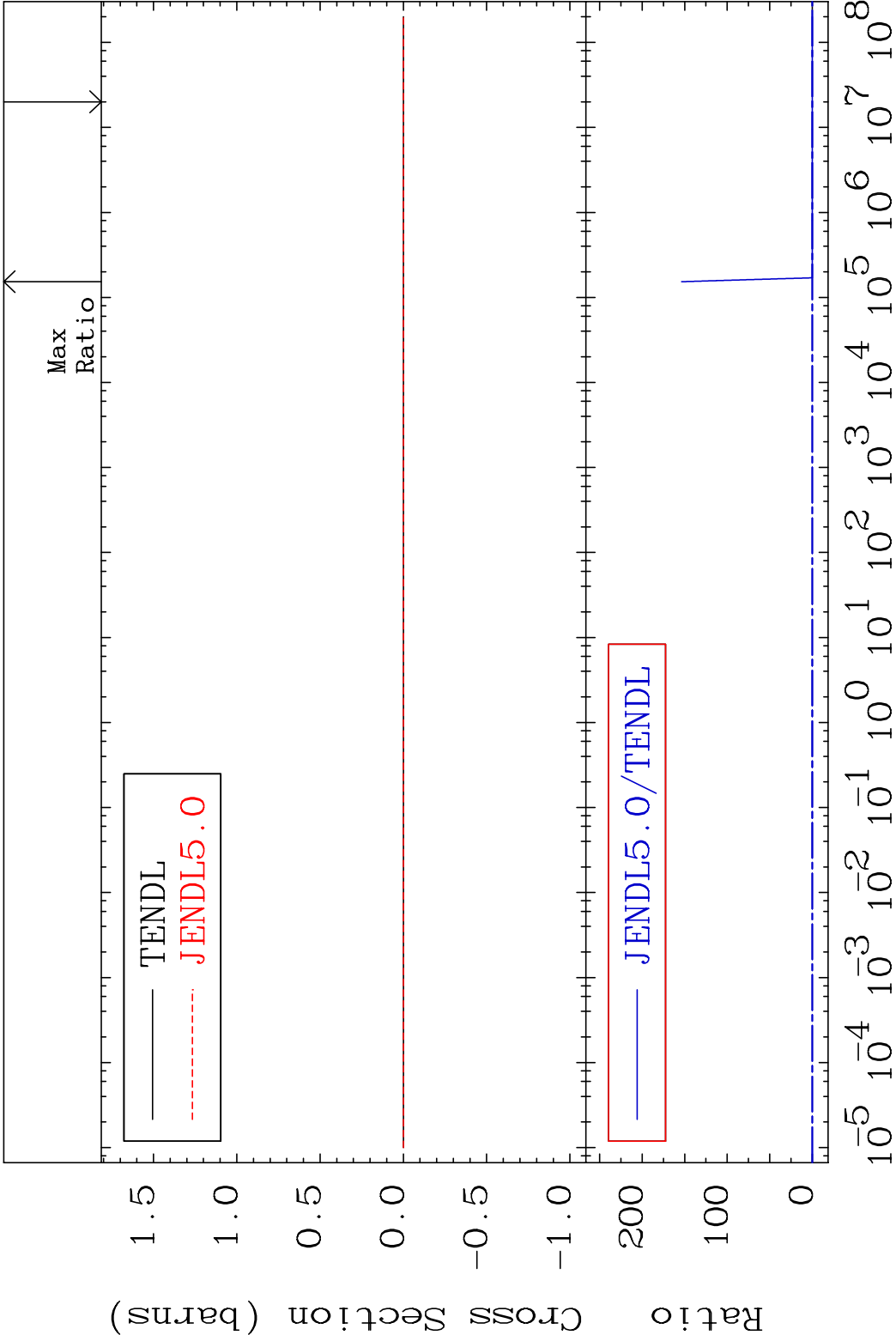


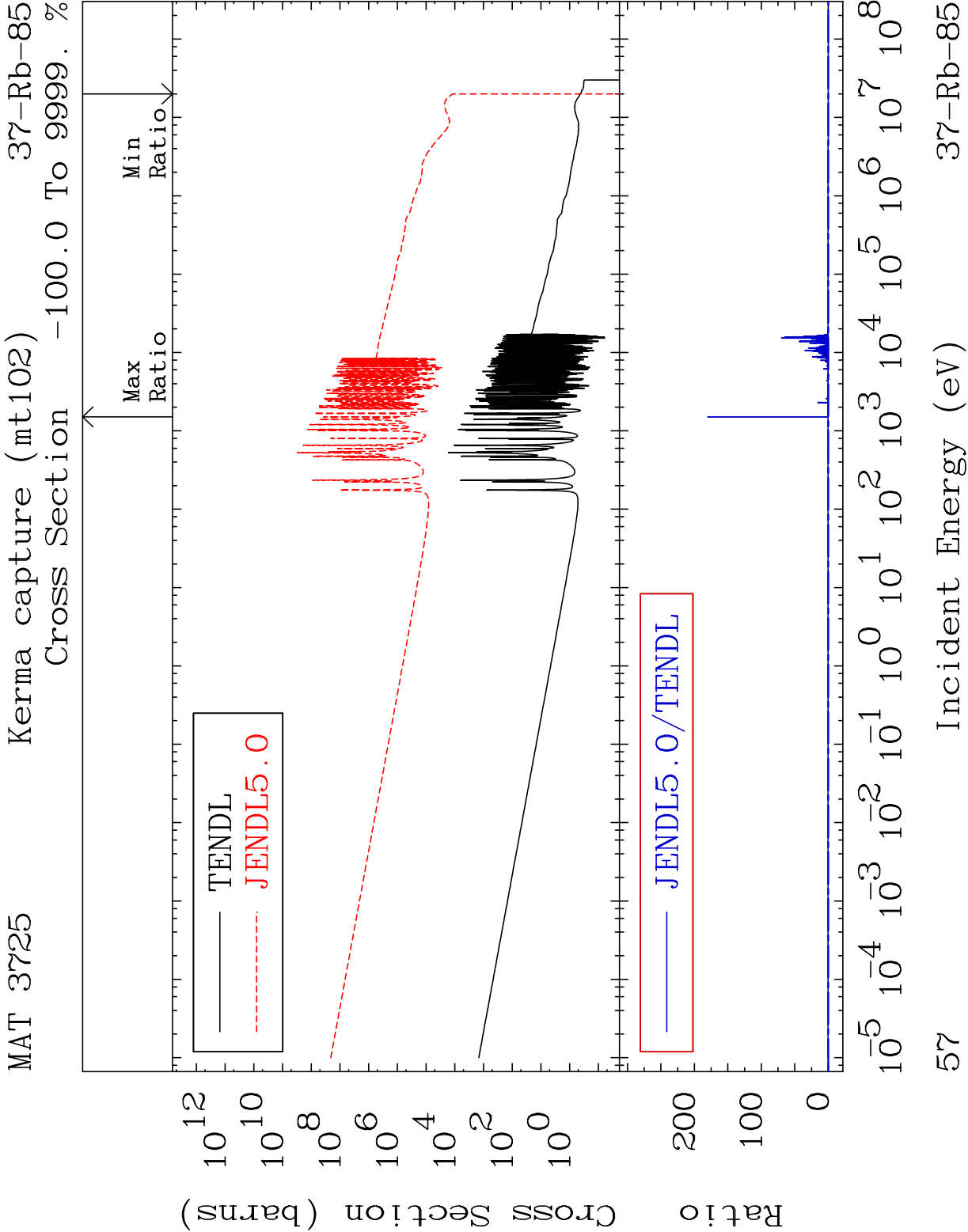
MAT 3725 Kerma non-elastic (all but mt2) 37-Rb-85
Cross Section -3065. To 9999. %

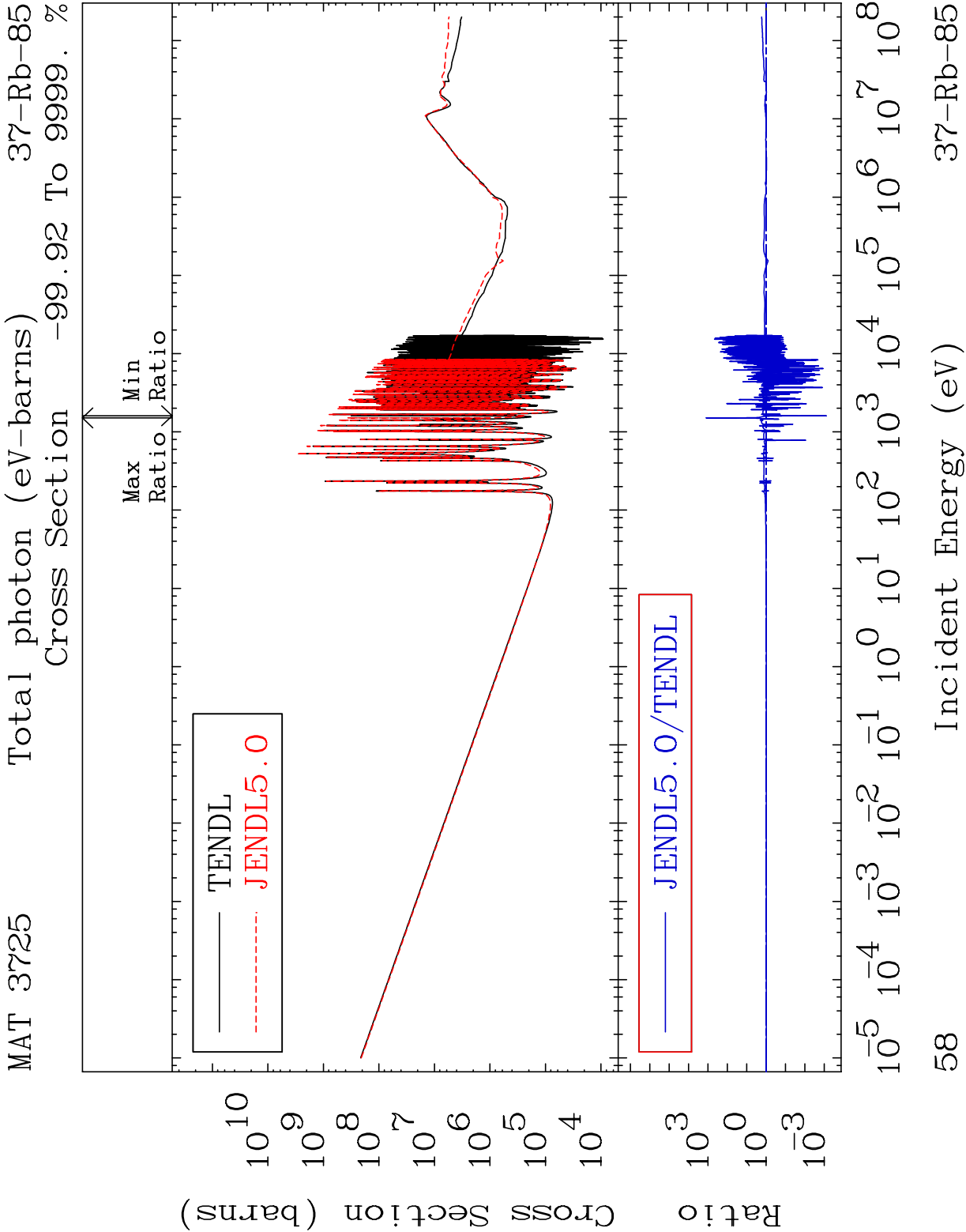




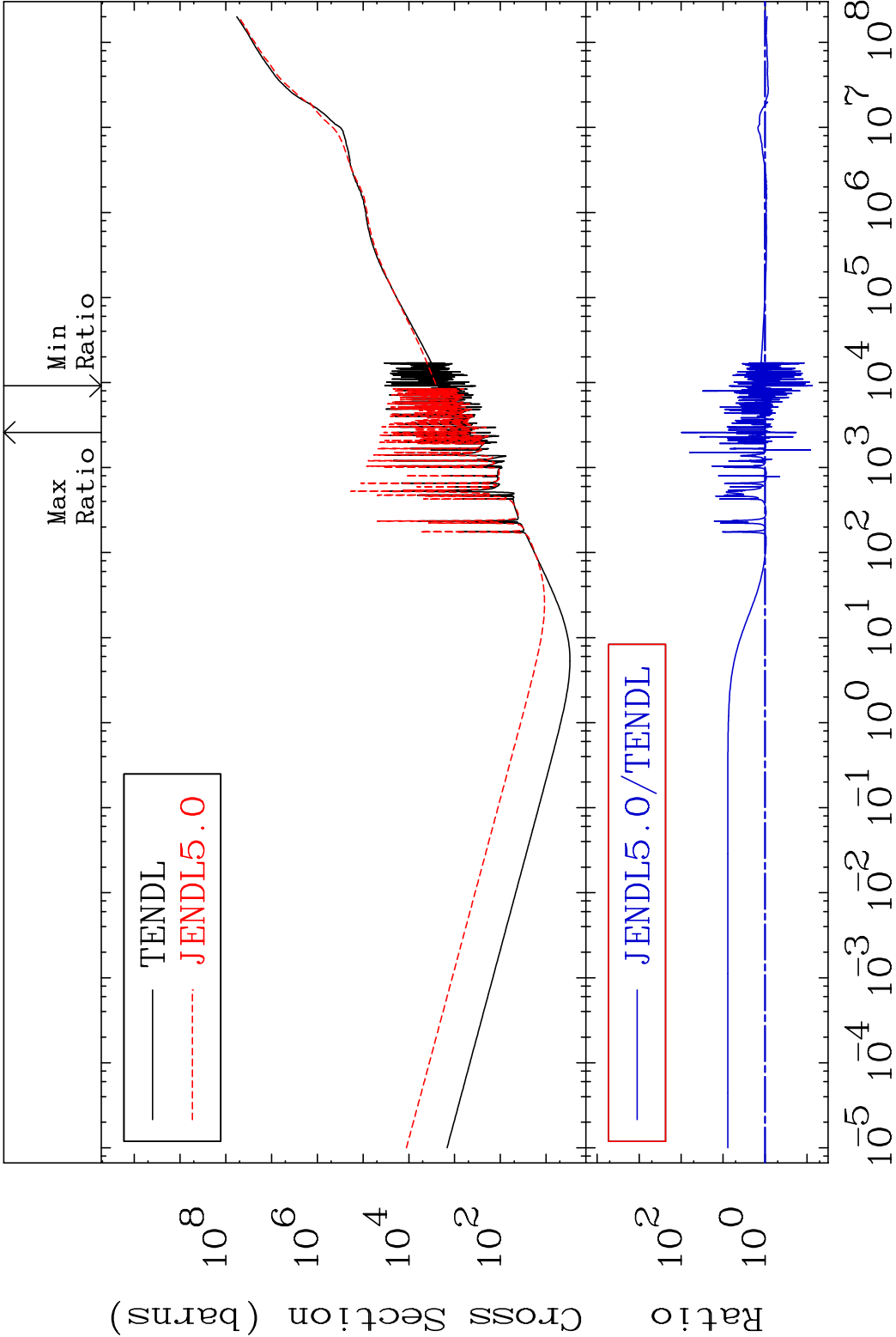
MAT 3725 Kerma fission (mt18 or mt19-20-21-38) 37-Rb-85
Cross Section -100.0 To 9999. %

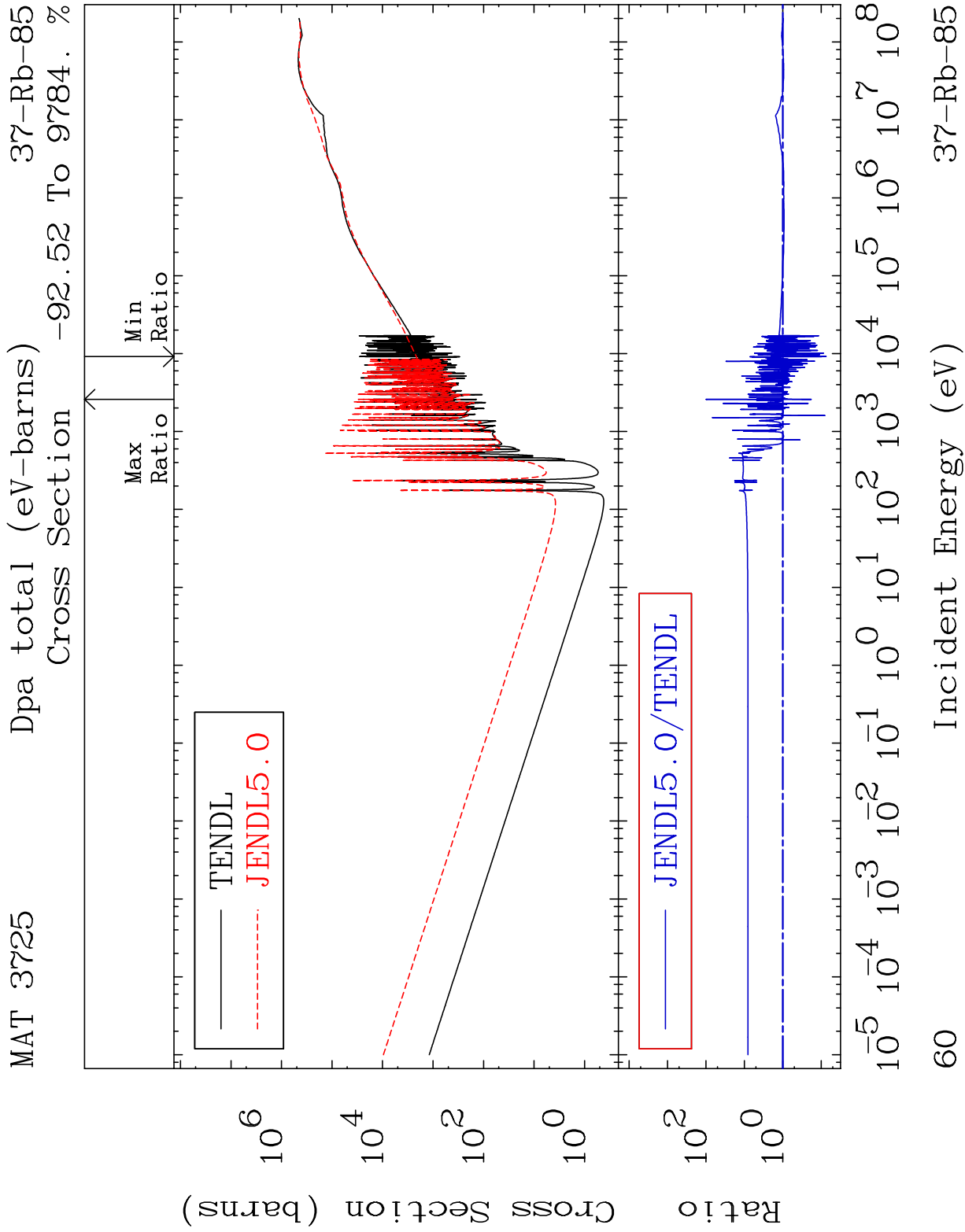




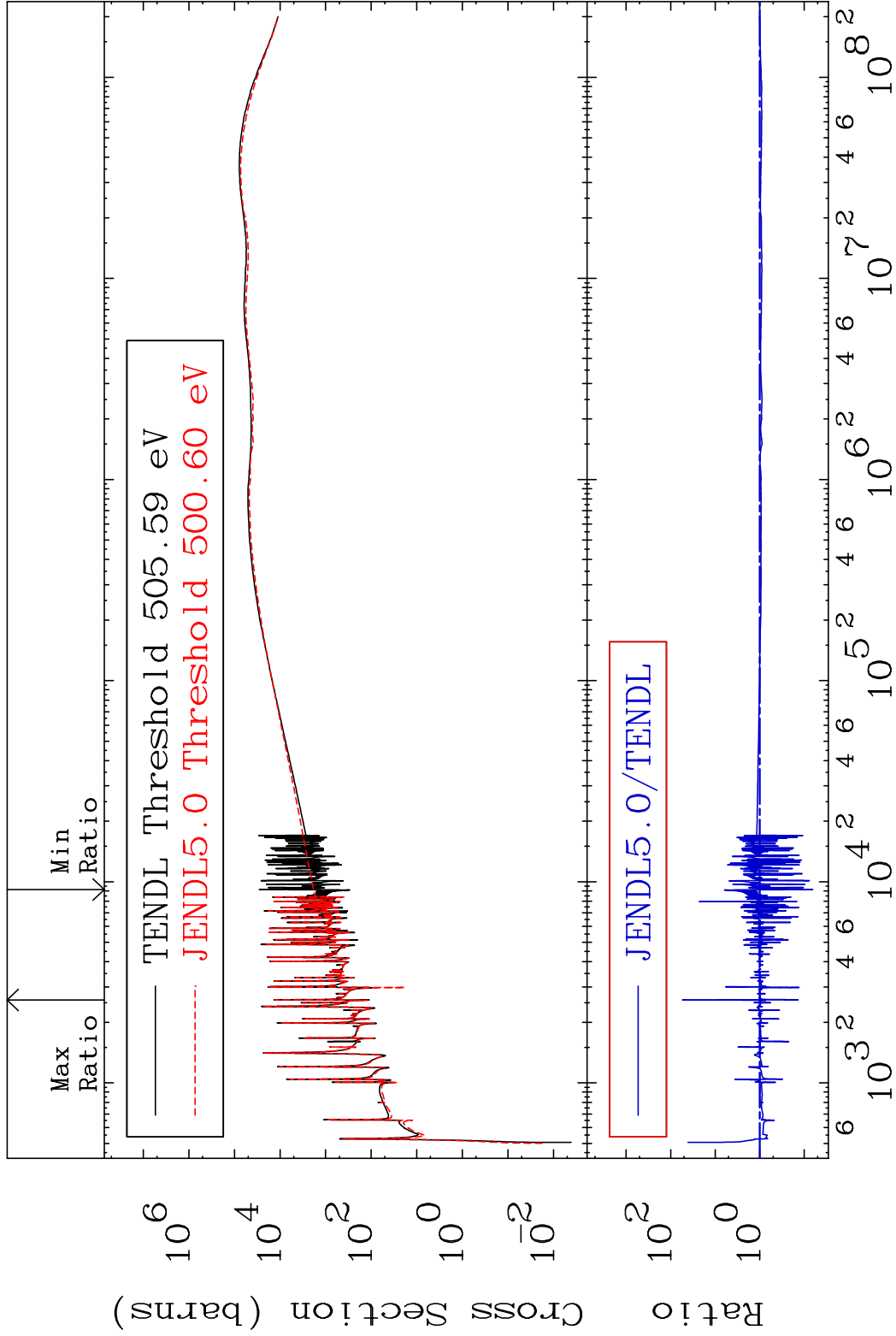


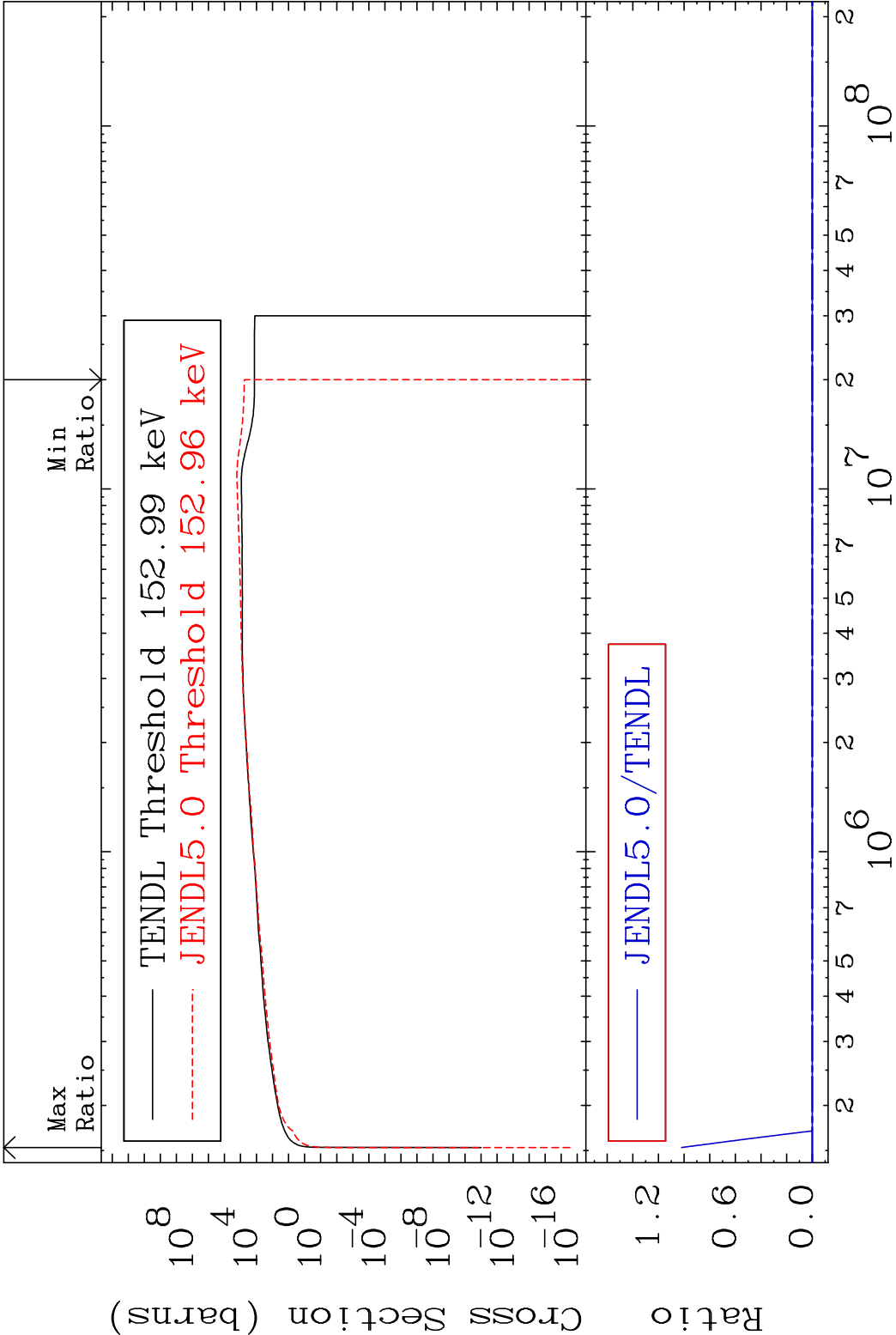
MAT 3725 Total kinematic kerma (high limit) 37-Rb-85
Cross Section -92.51 To 9655. %



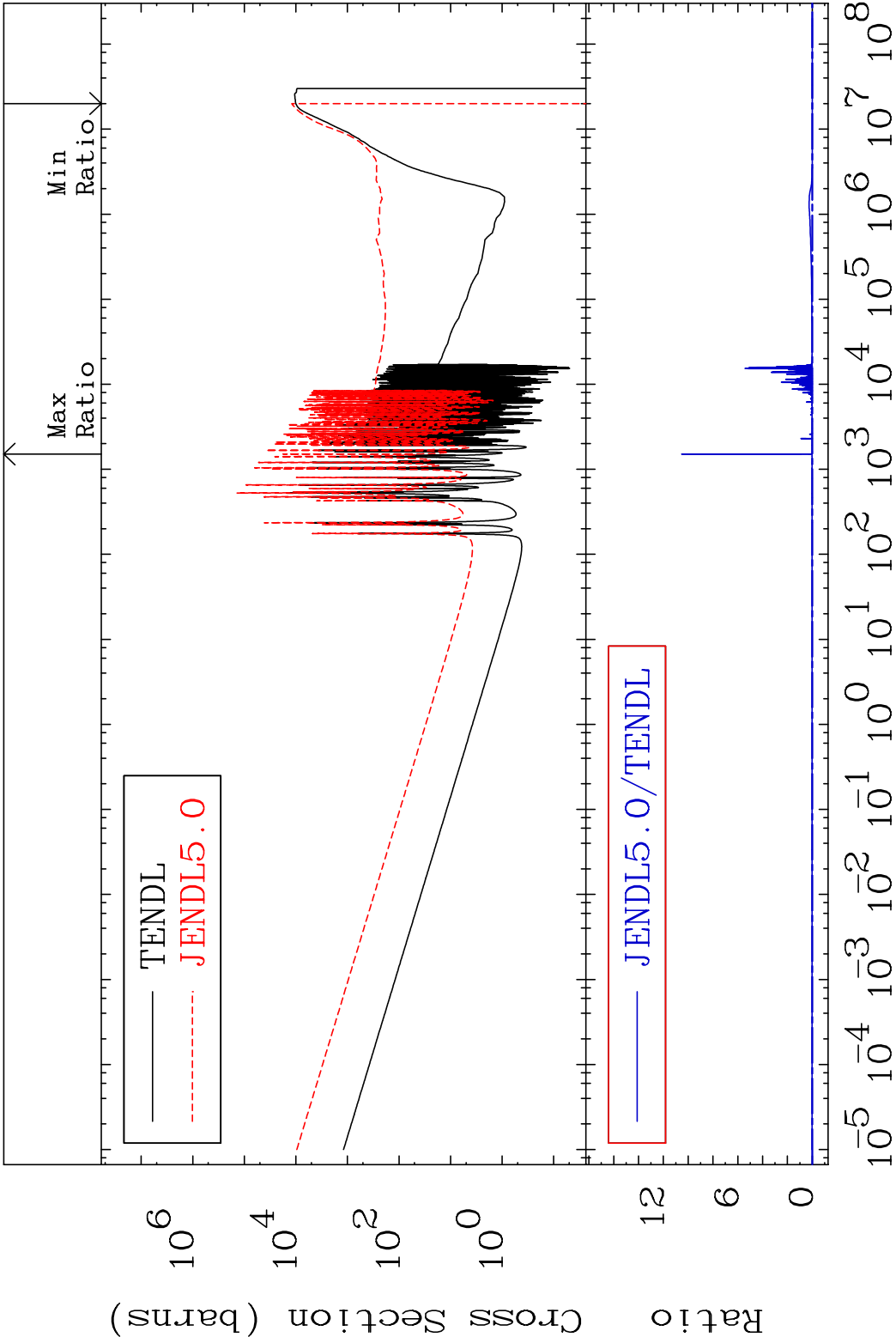


MAT 3725 Dpa elastic (mt2) 37-Rb-85
Cross Section -93.53 To 5357. %





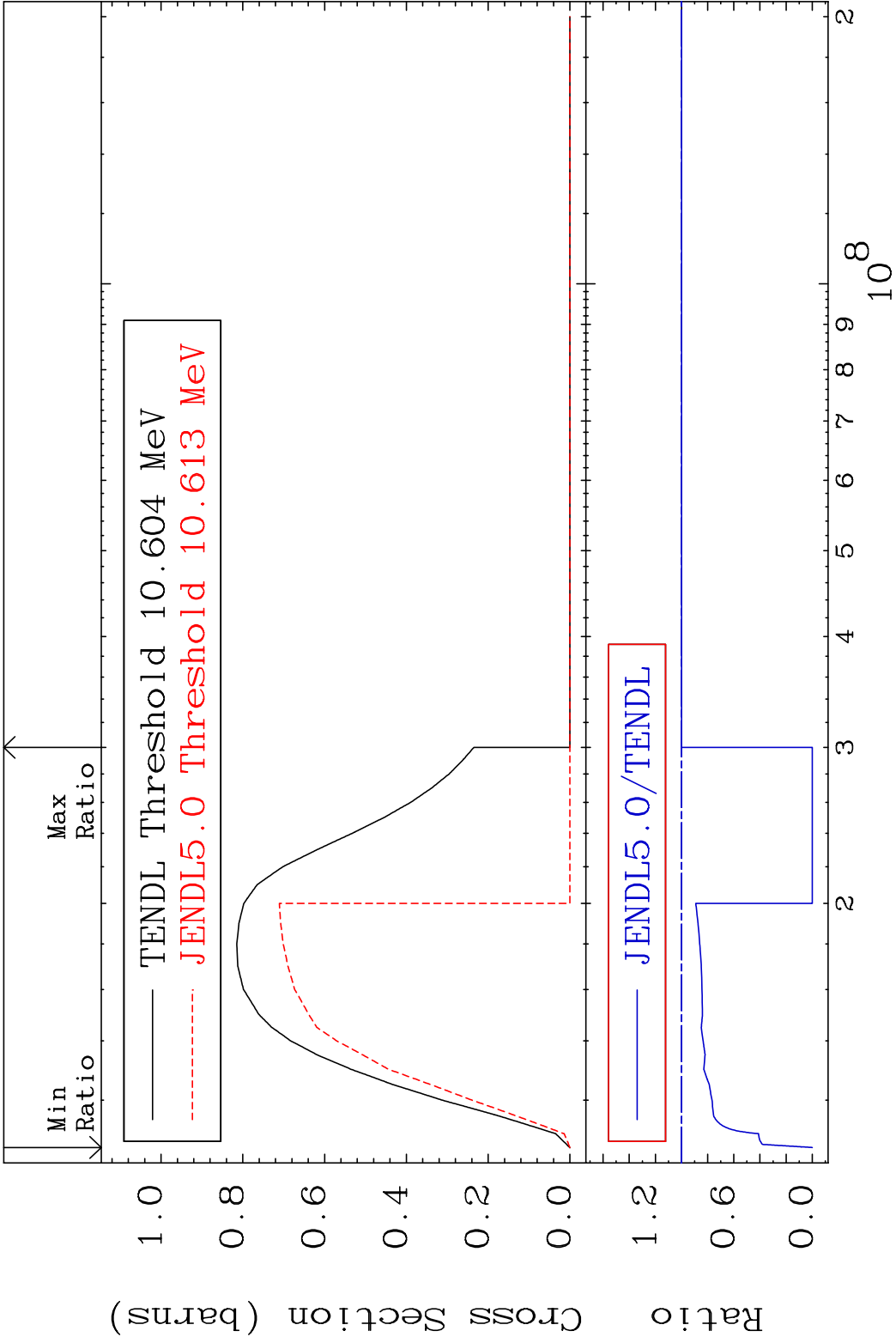
MAT 3725 Dpa disappearance (mt102 -120) 37-Rb-85
Cross Section -100.0 To 9999. %

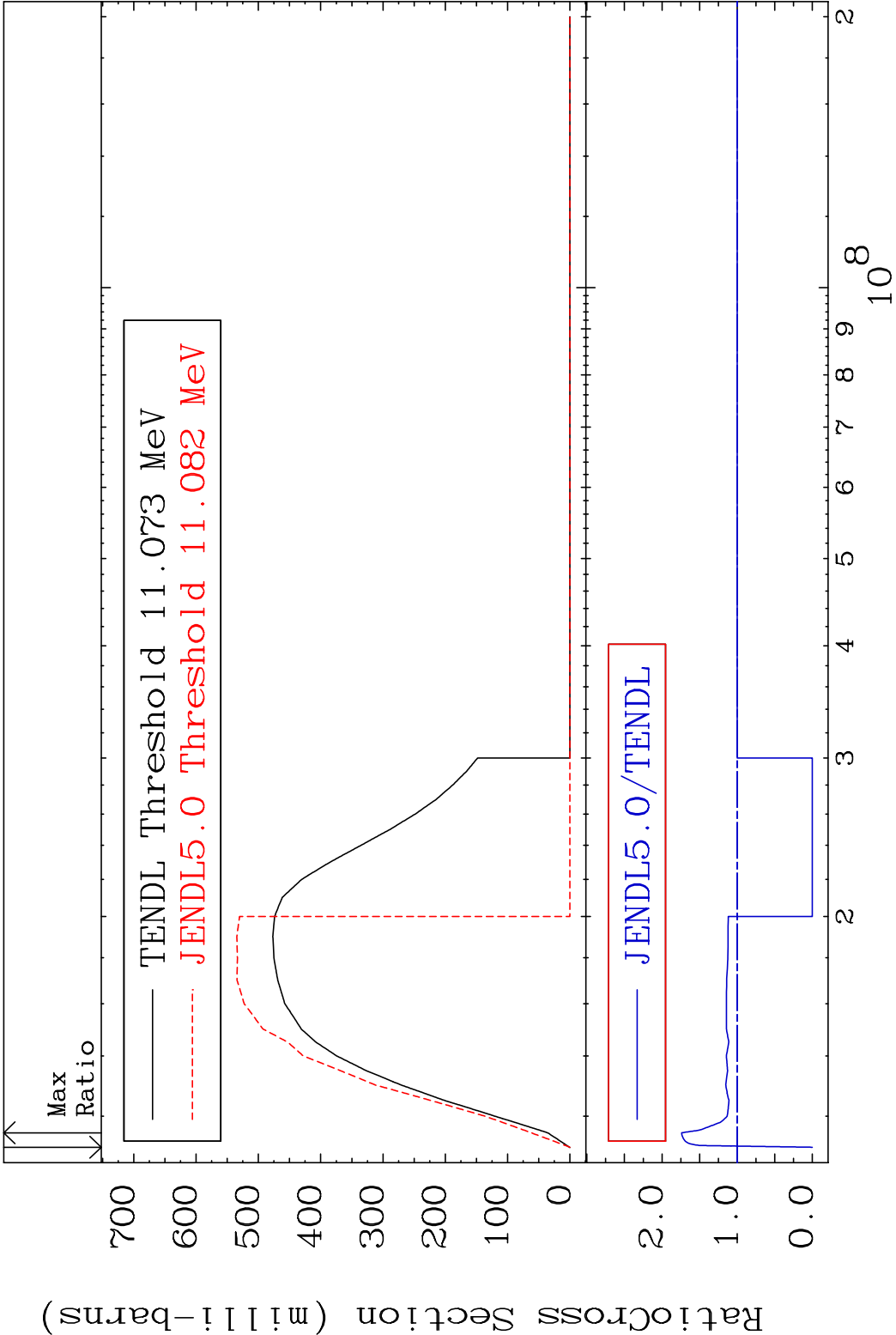


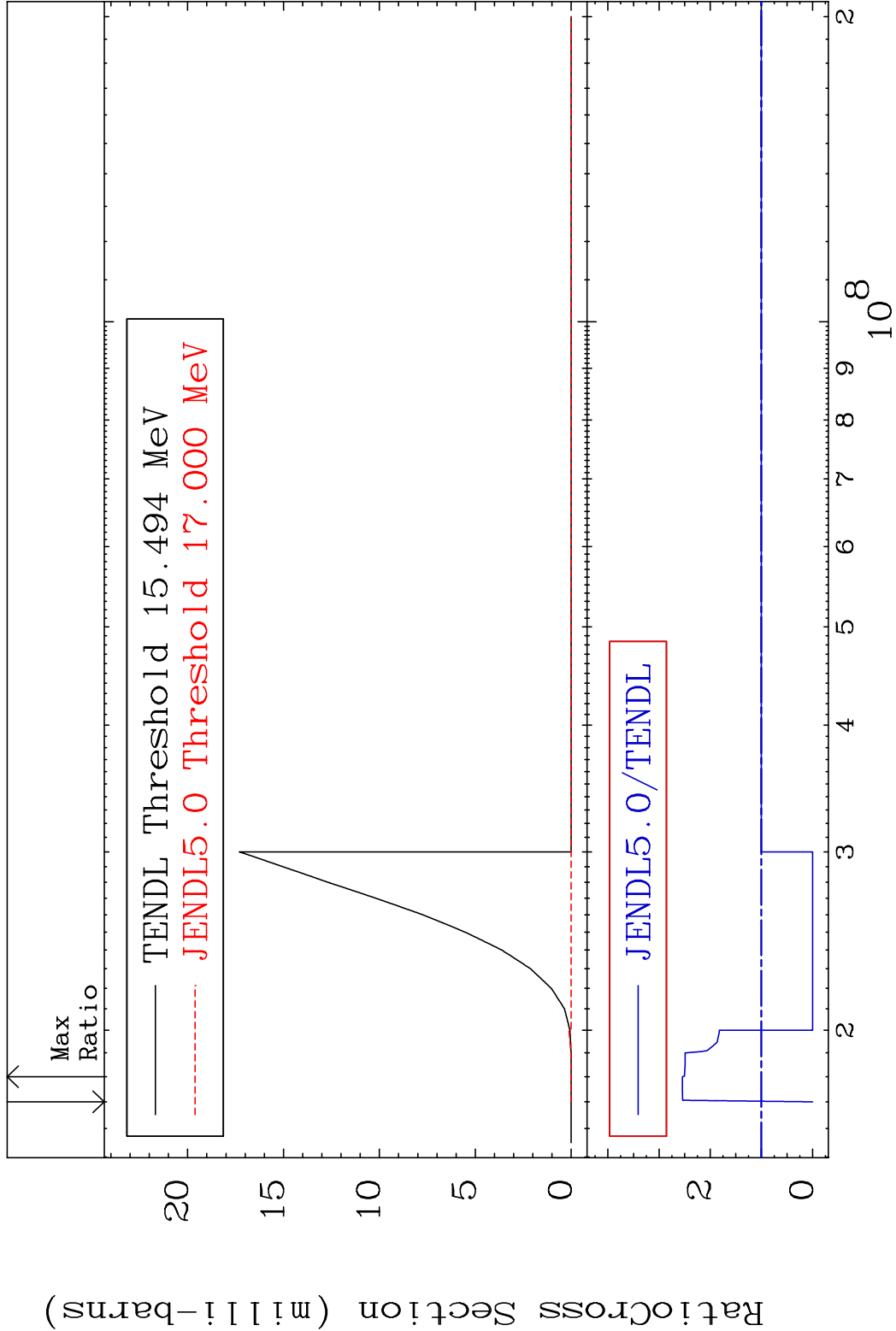
63

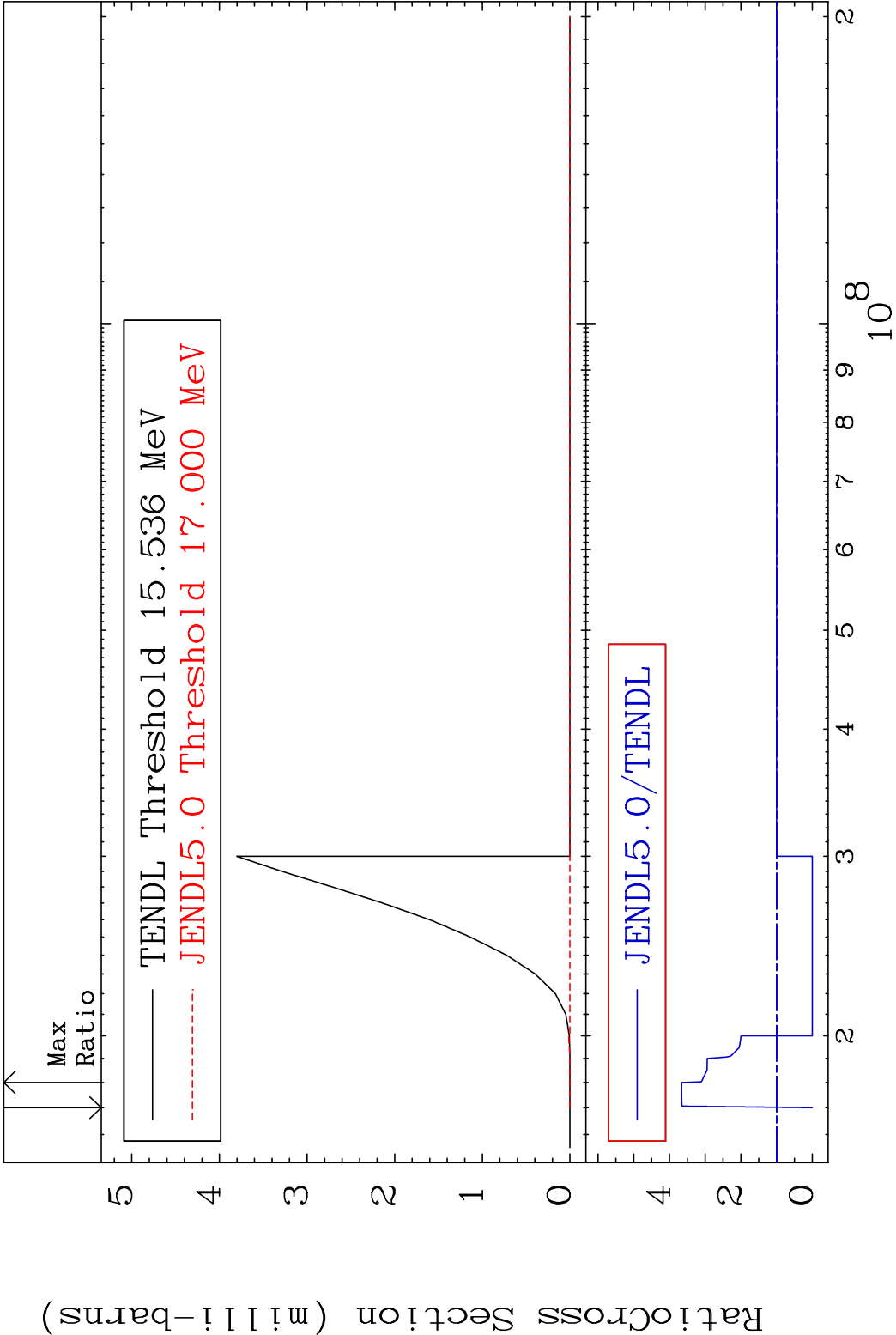
Incident Energy (eV)

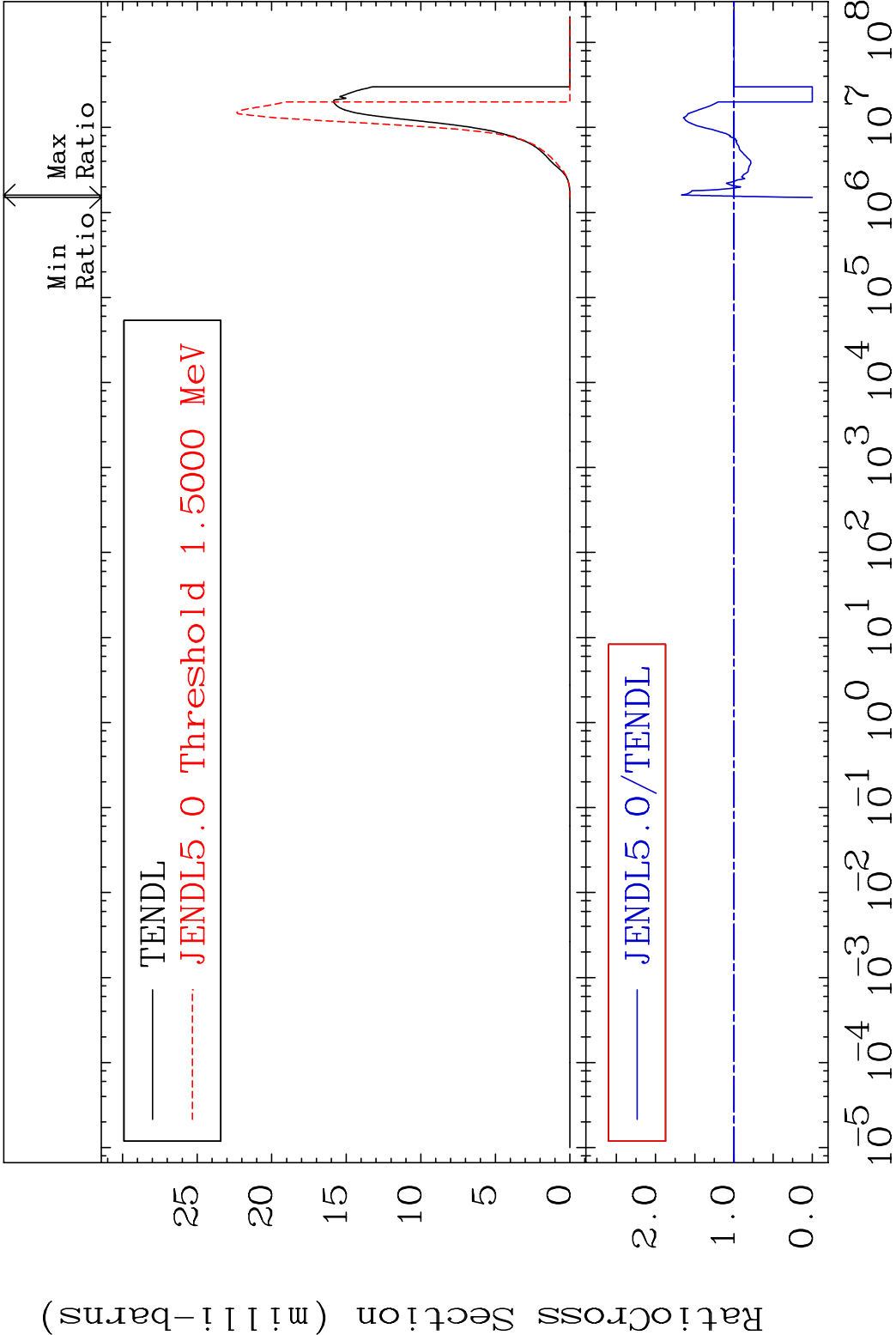
37-Rb-85

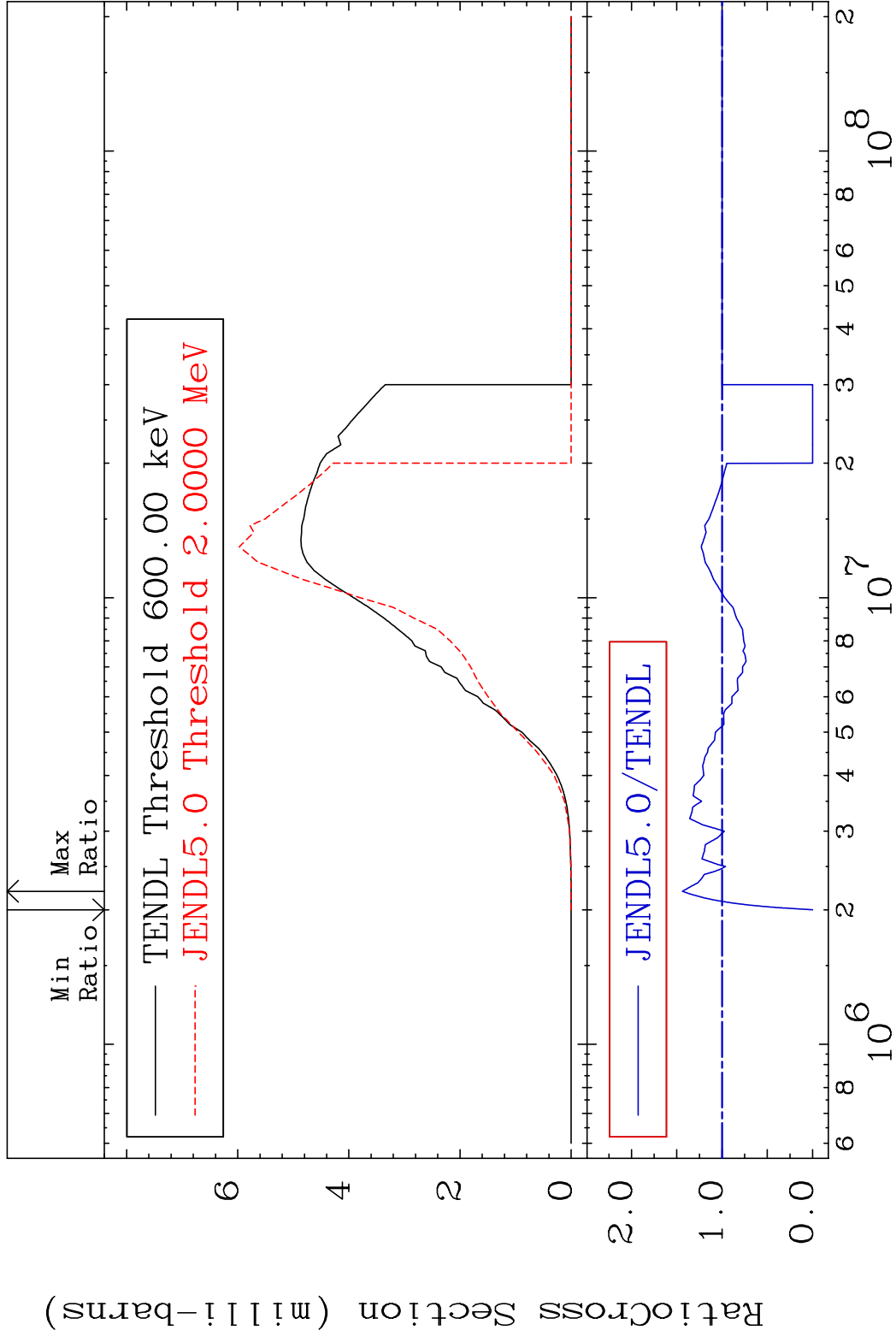


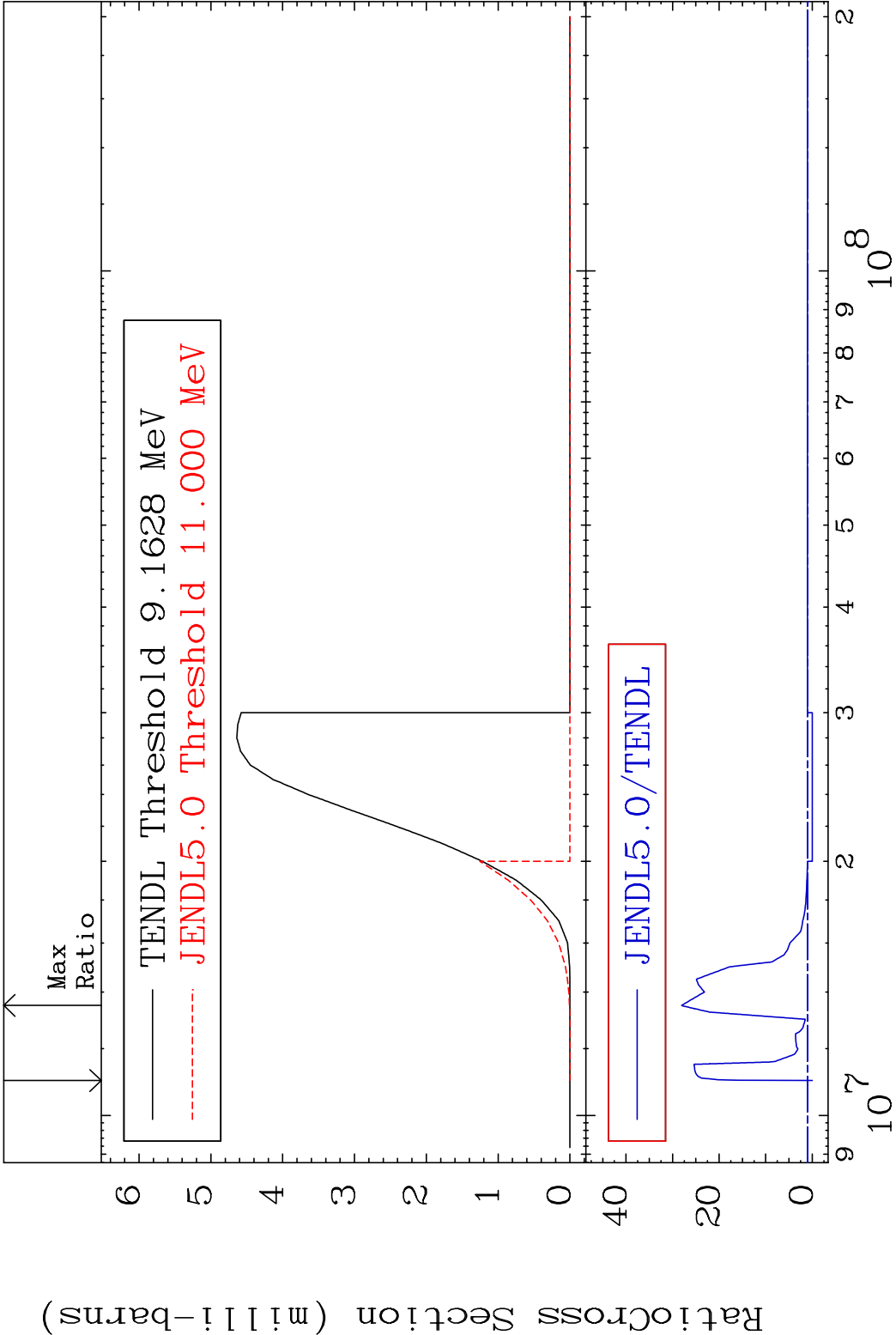


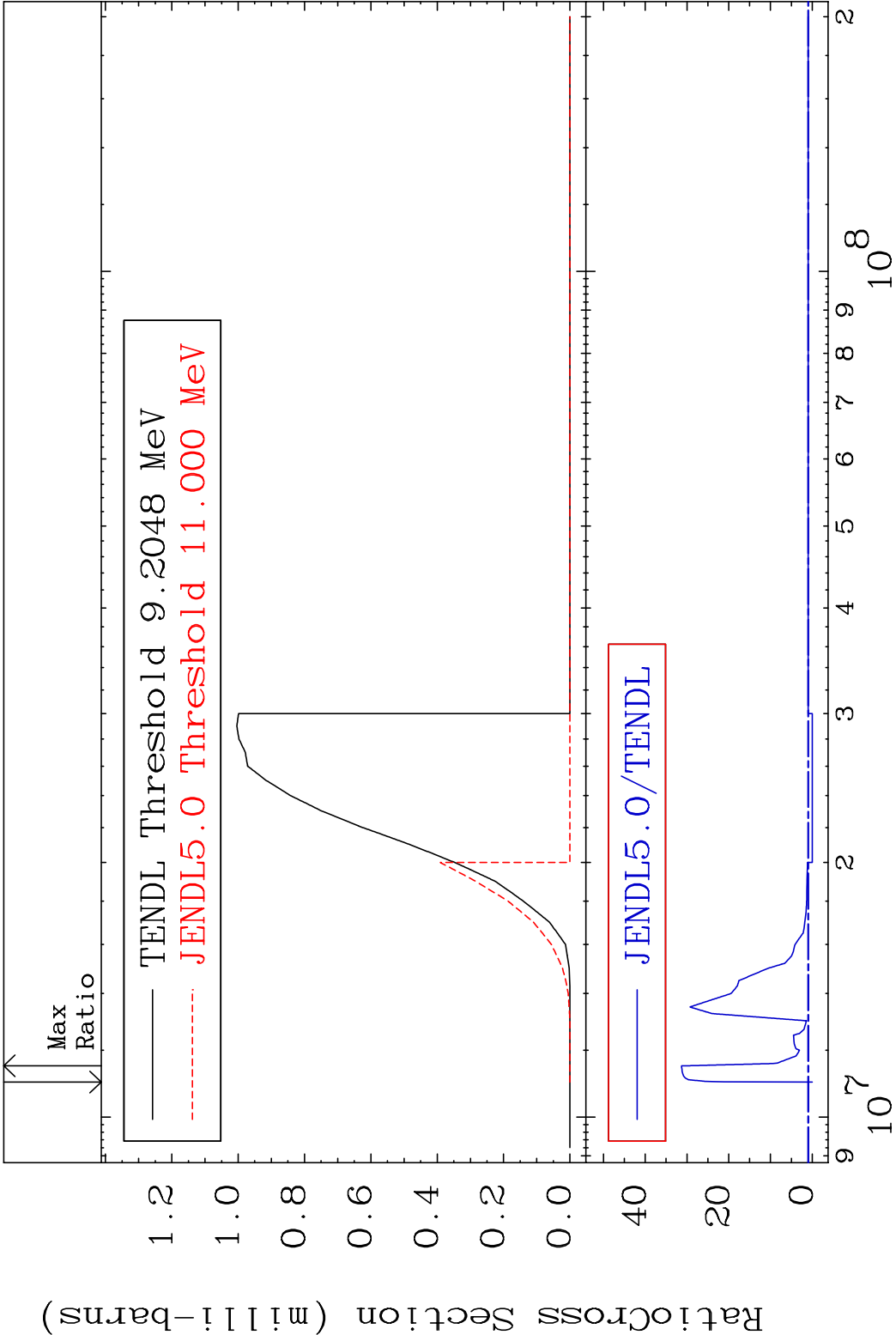


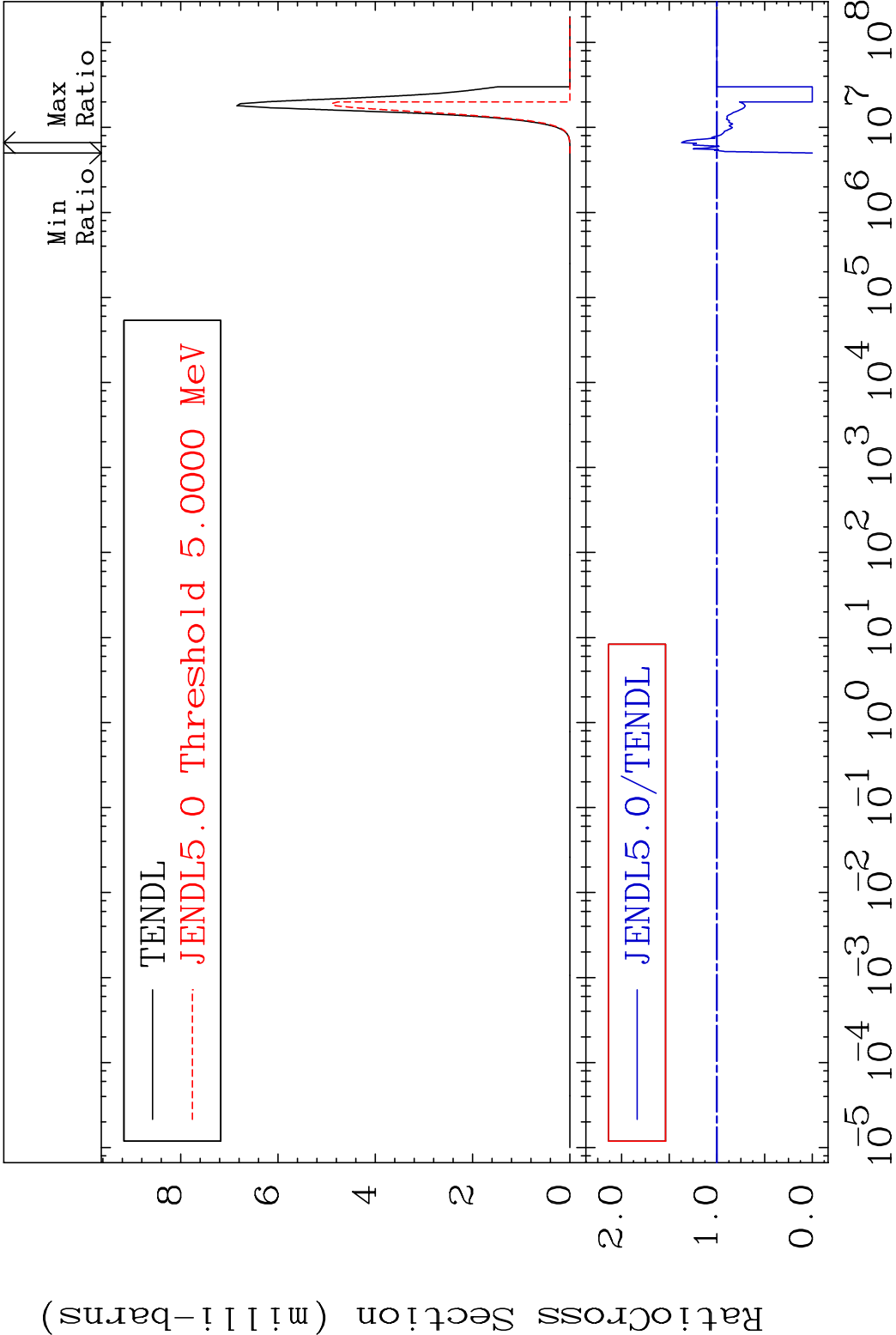


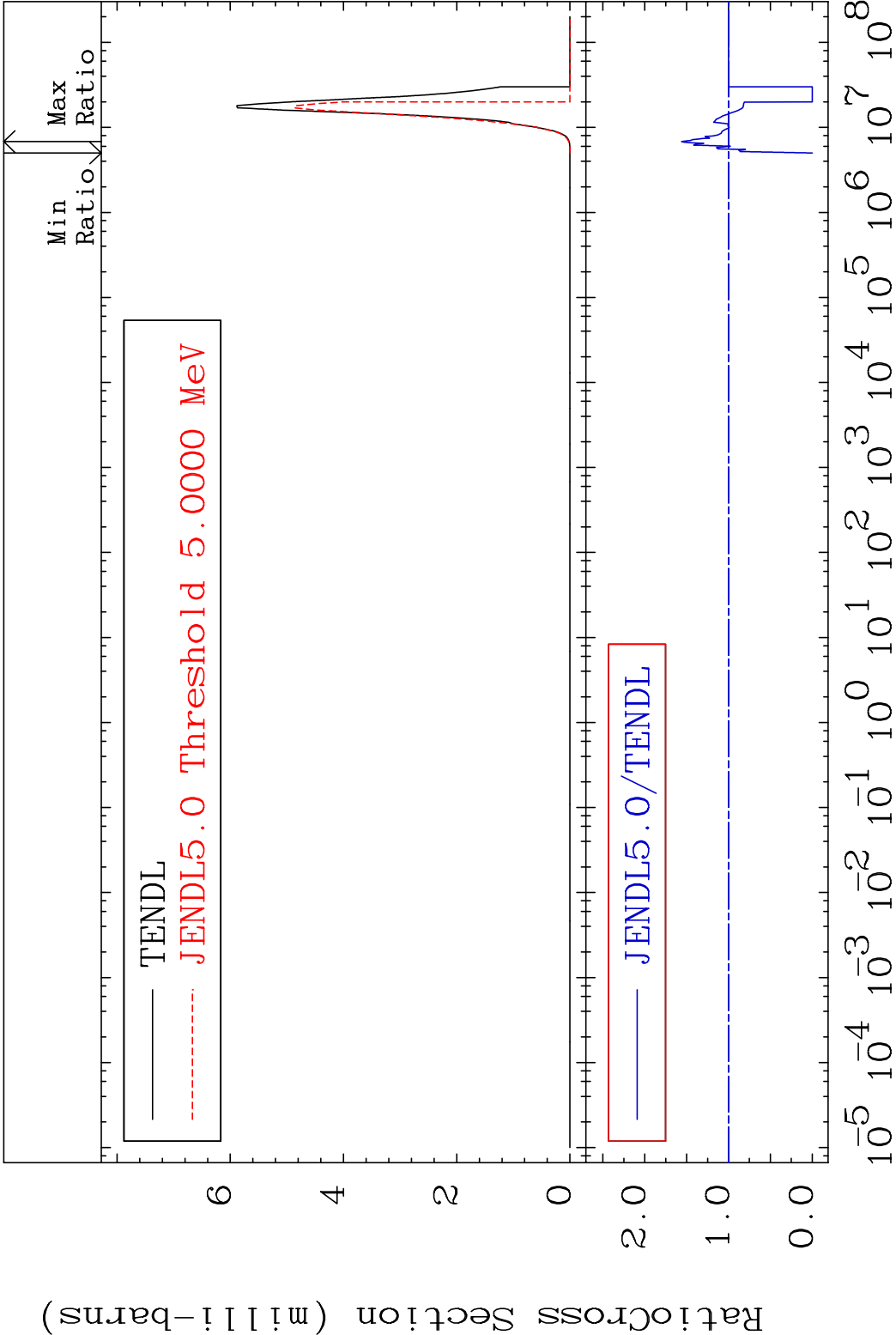


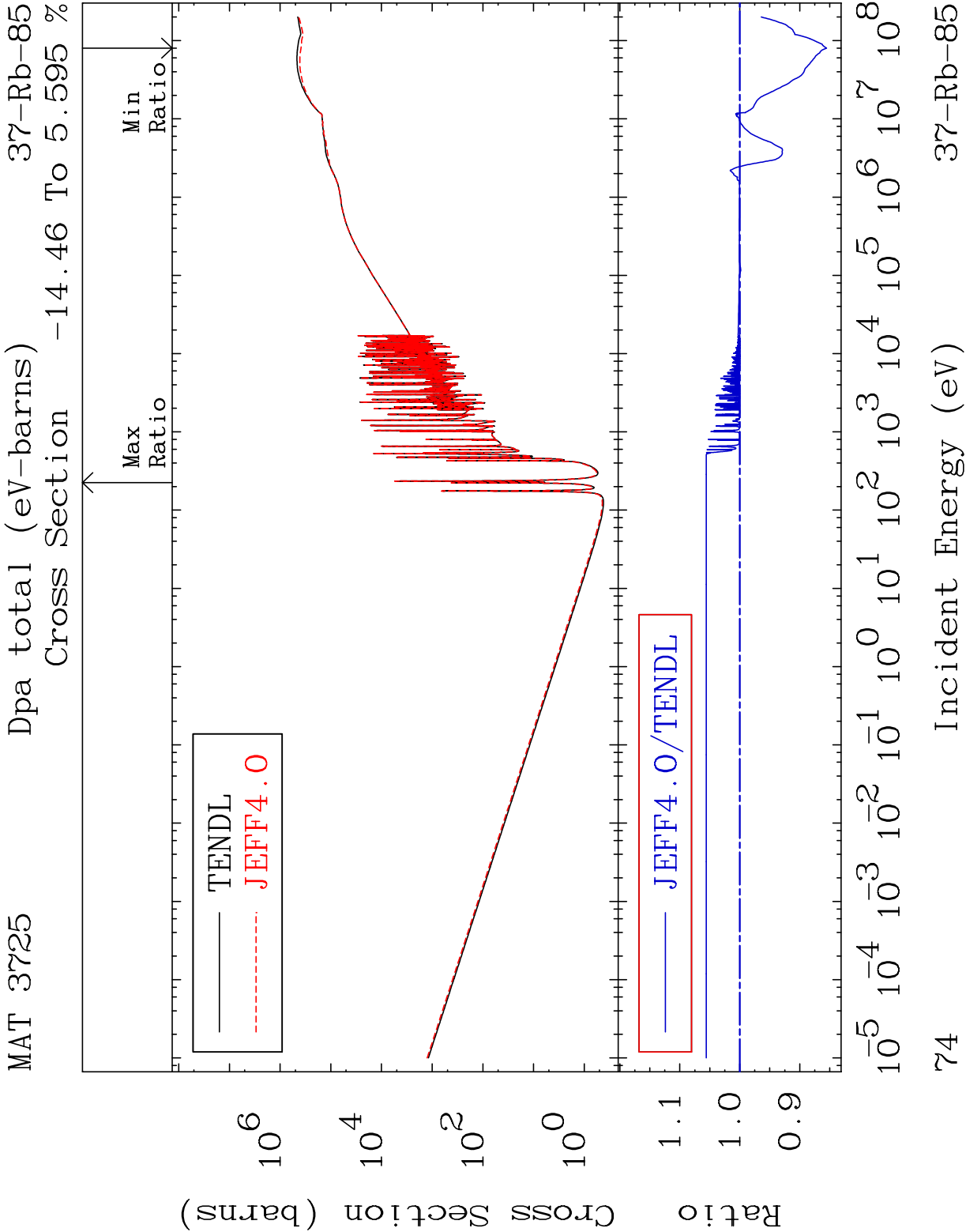




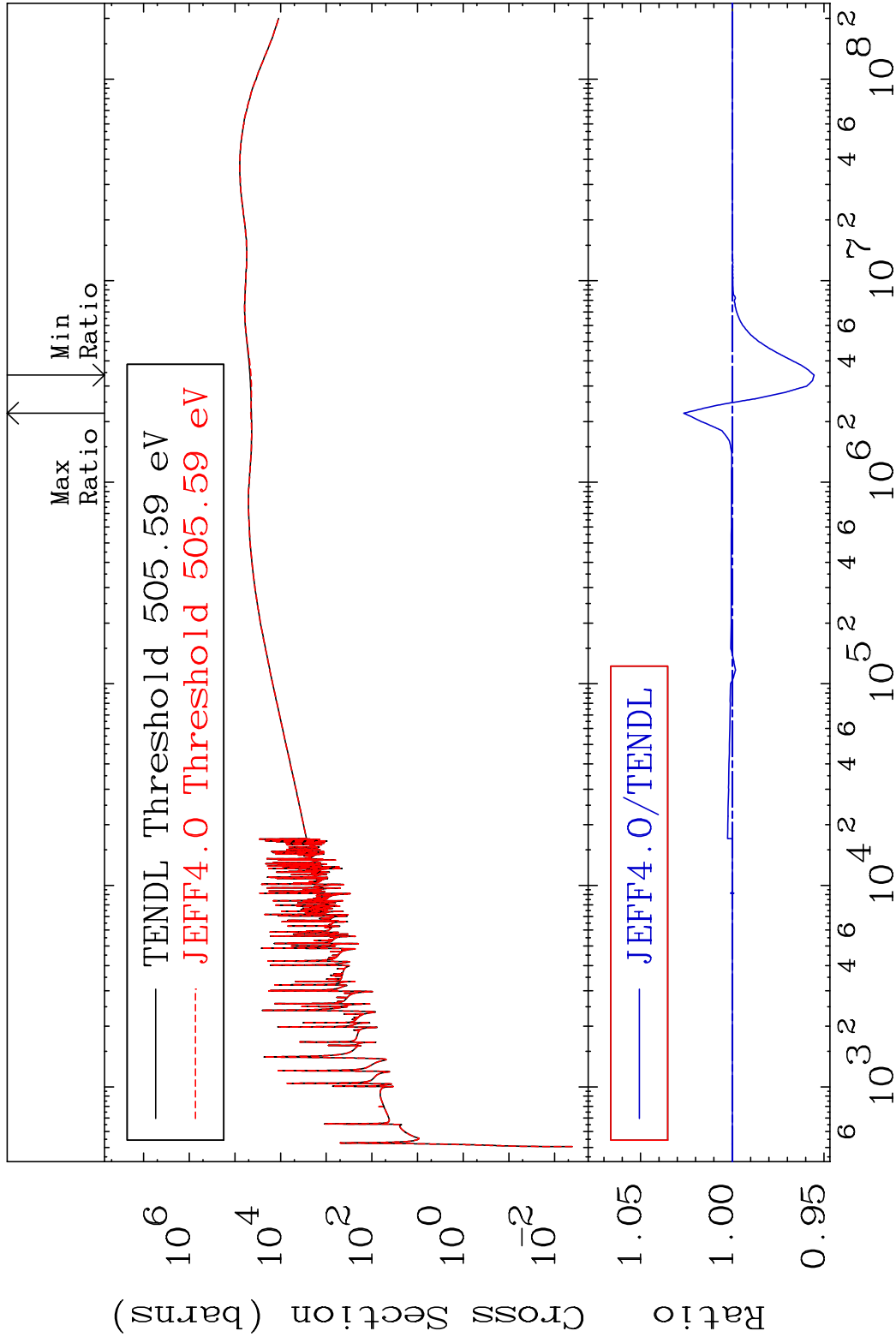




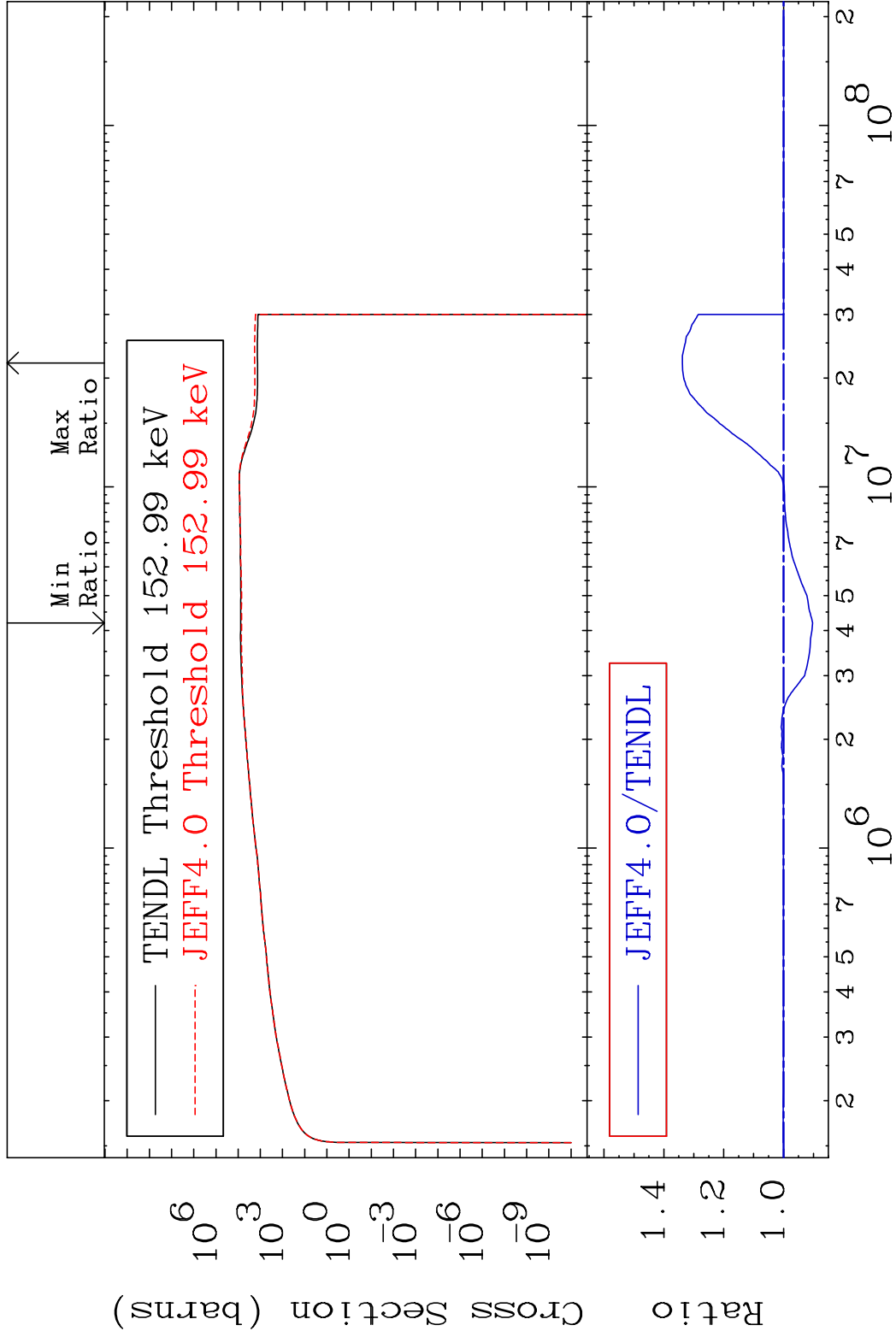




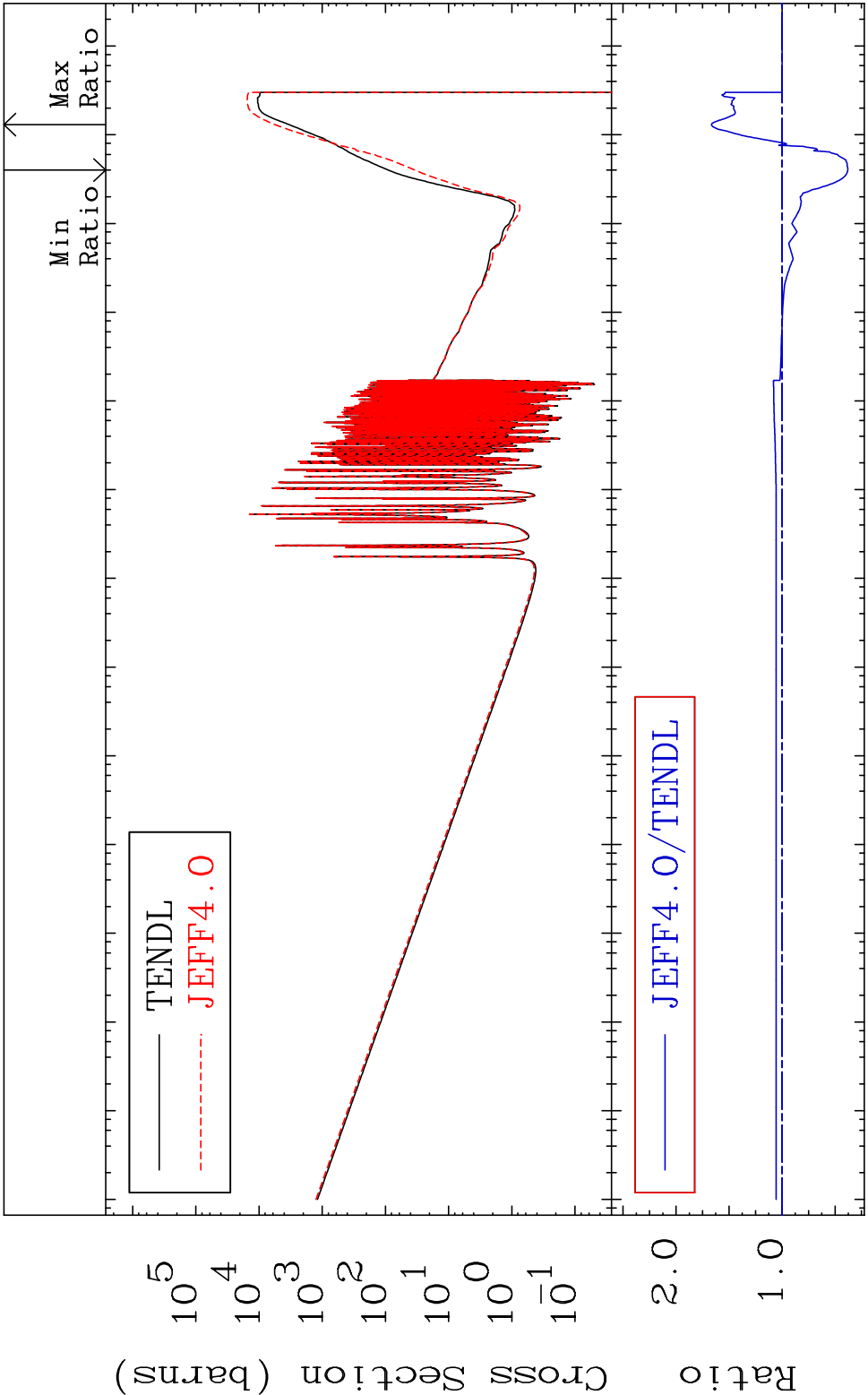
MAT 3725 Dpa elastic (mt2) 37-Rb-85
 Cross Section -4.457 To 2.651 %

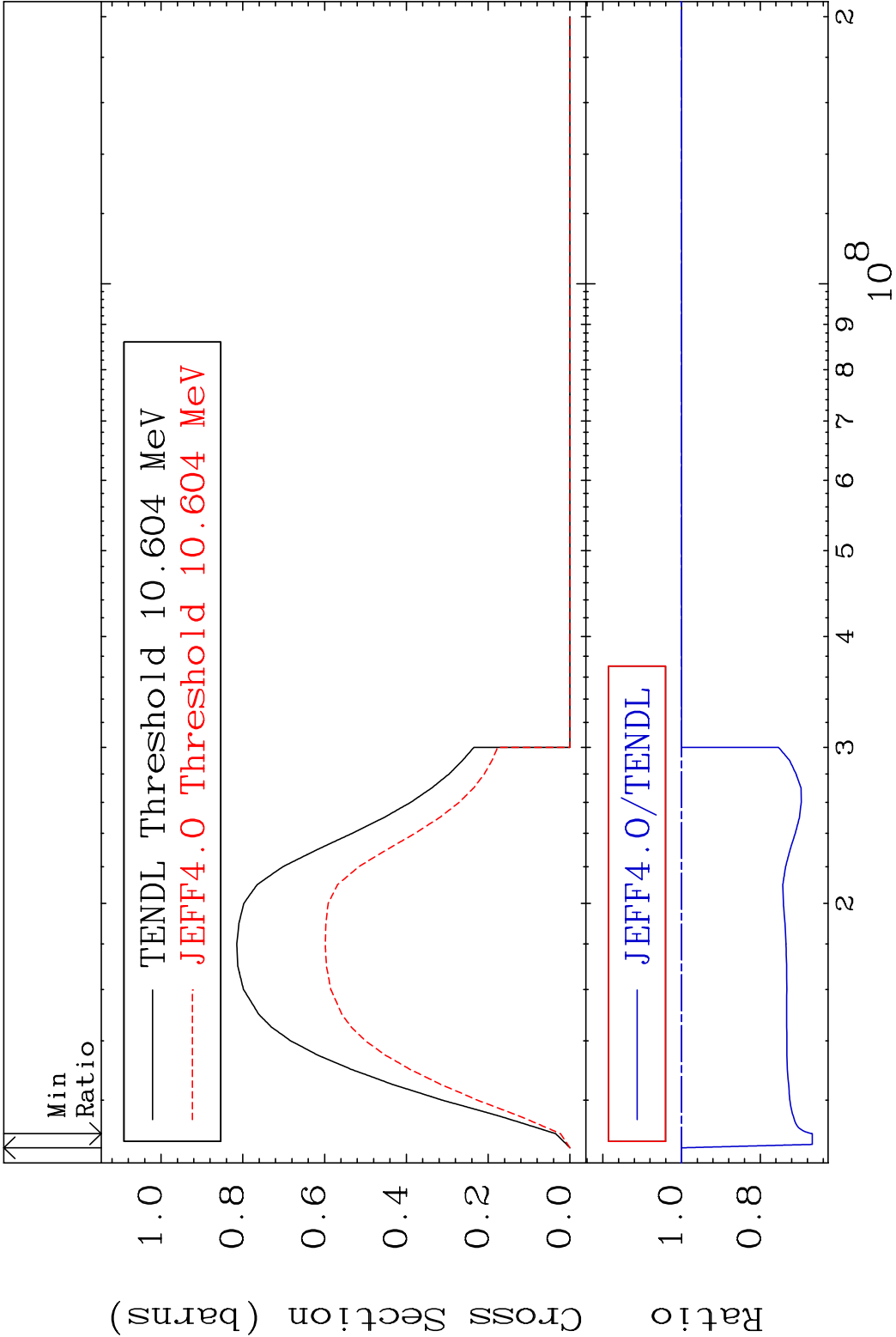


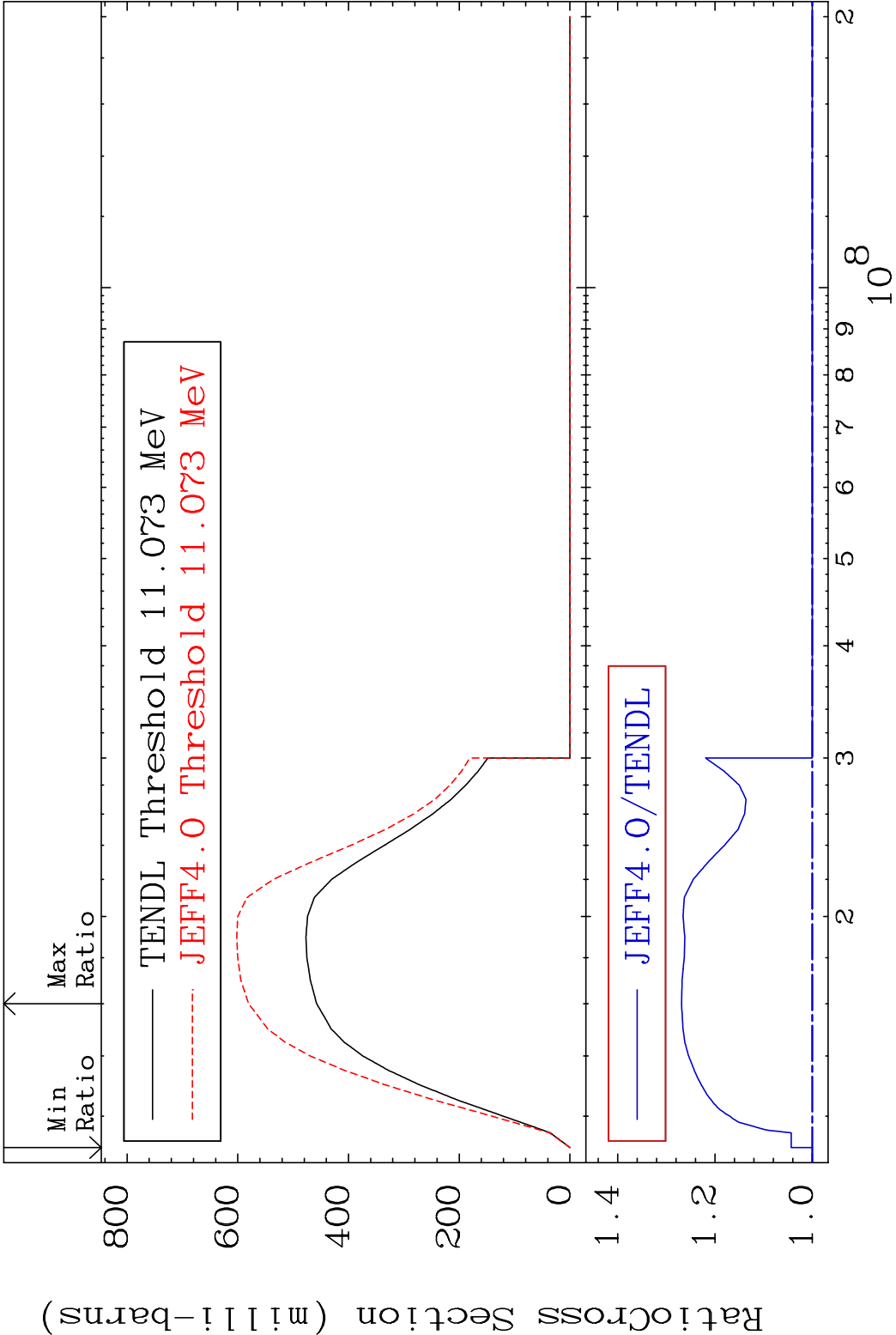
75 Incident Energy (eV) 37-Rb-85



MAT 3725 Dpa disappearance (mt102 -120) 37-Rb-85
 Cross Section -62.00 To 66.70 %







MAT 3725

$$(n, 2n) \quad \alpha: 35\text{-Br}-80\text{g}$$

37-Rb-85

	Production Cross-Section	Sedimentation Rate	0.000 %
Radionuclide			

