

Program Complot
(Version 2021-1)

by

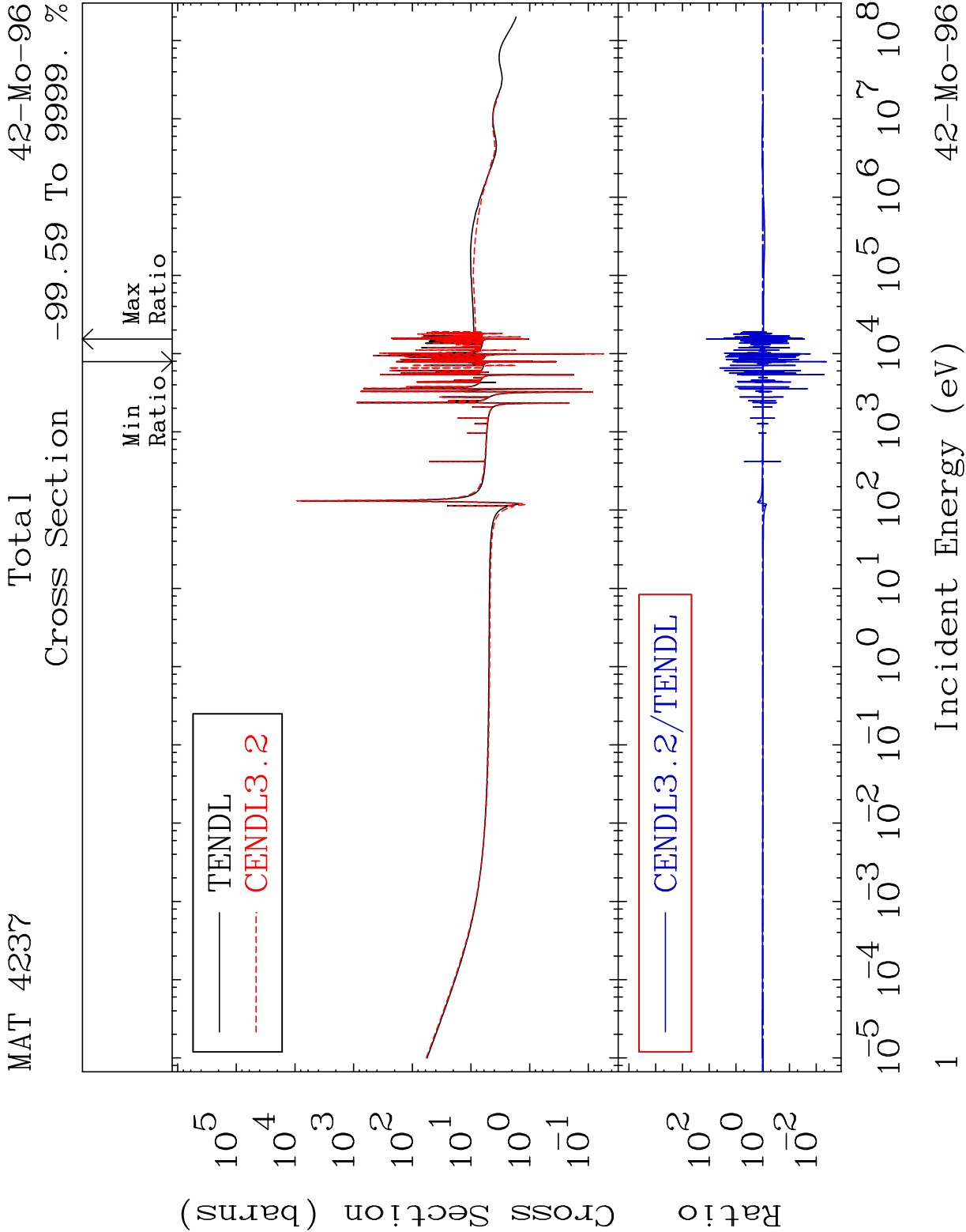
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start



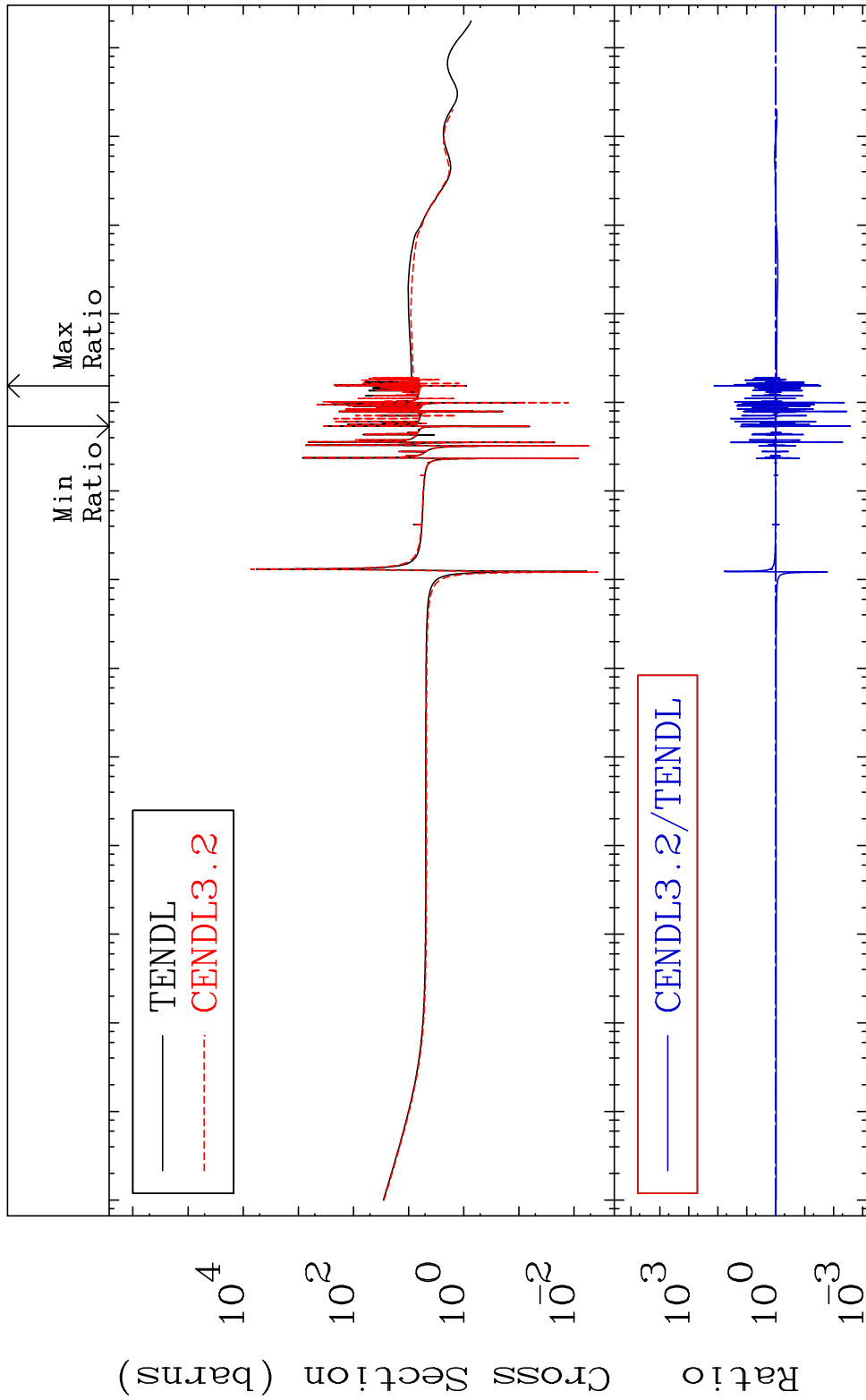
MAT 4237

Elastic

42-Mo-96

Cross Section

-99.73 To 9999. %

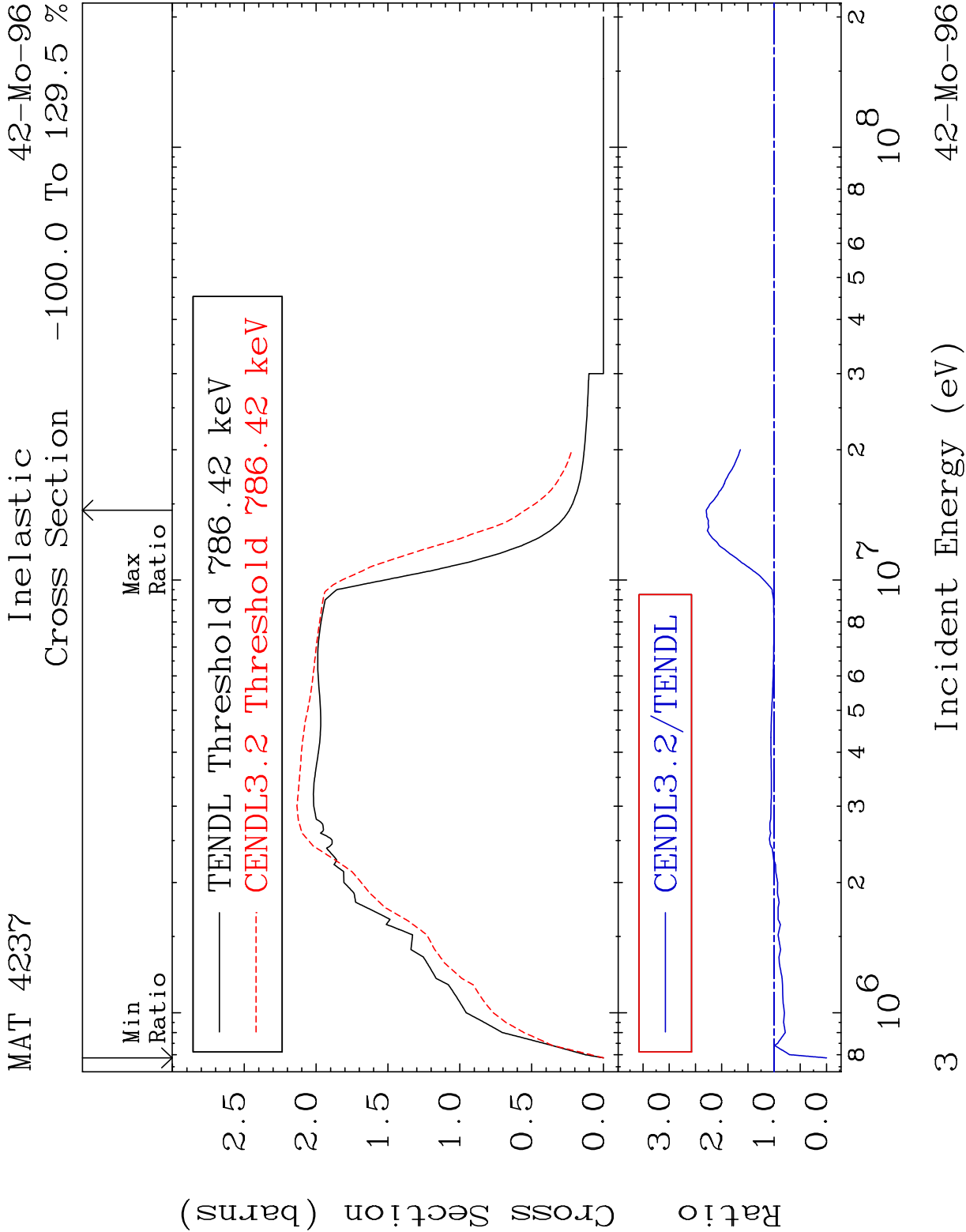


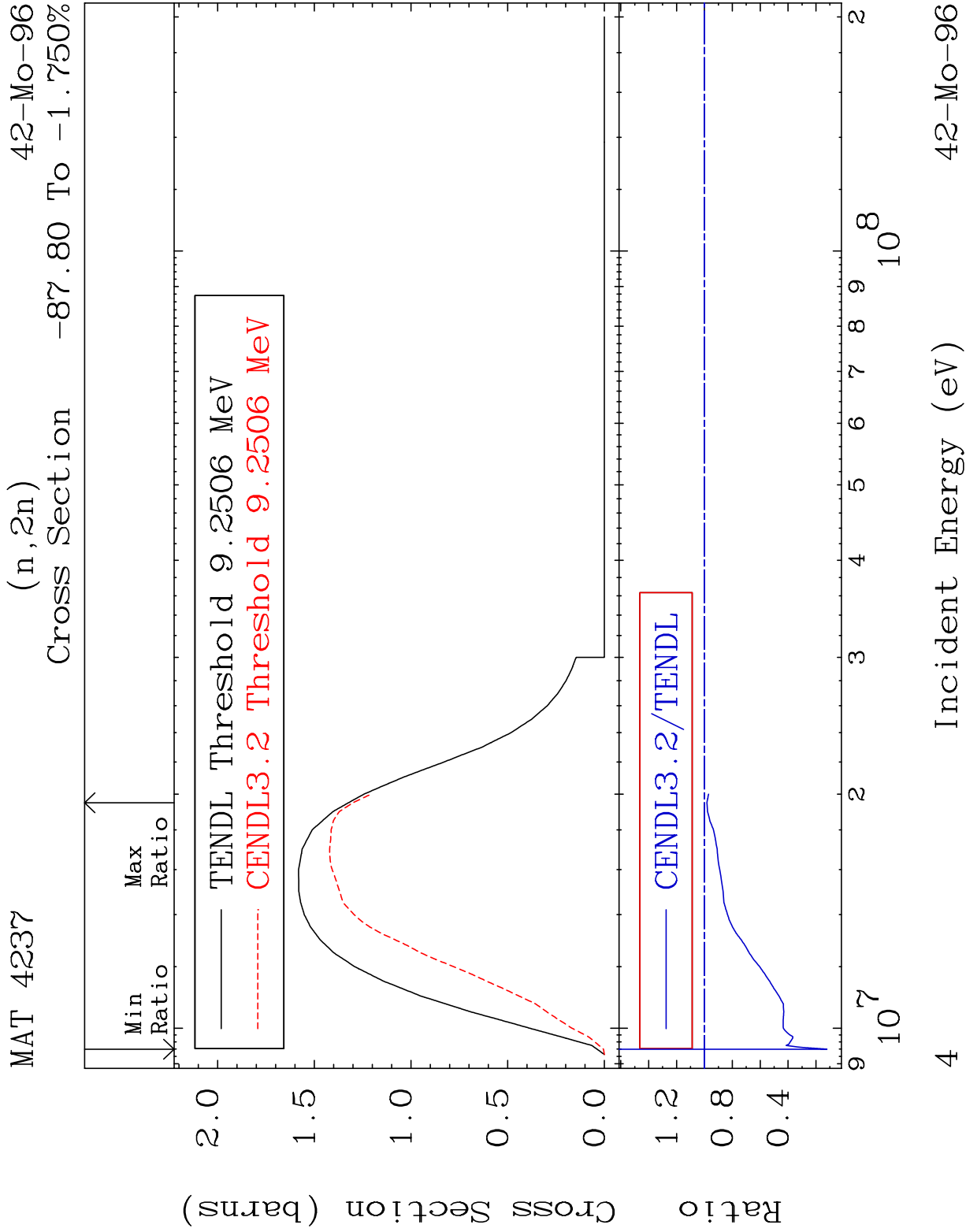
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

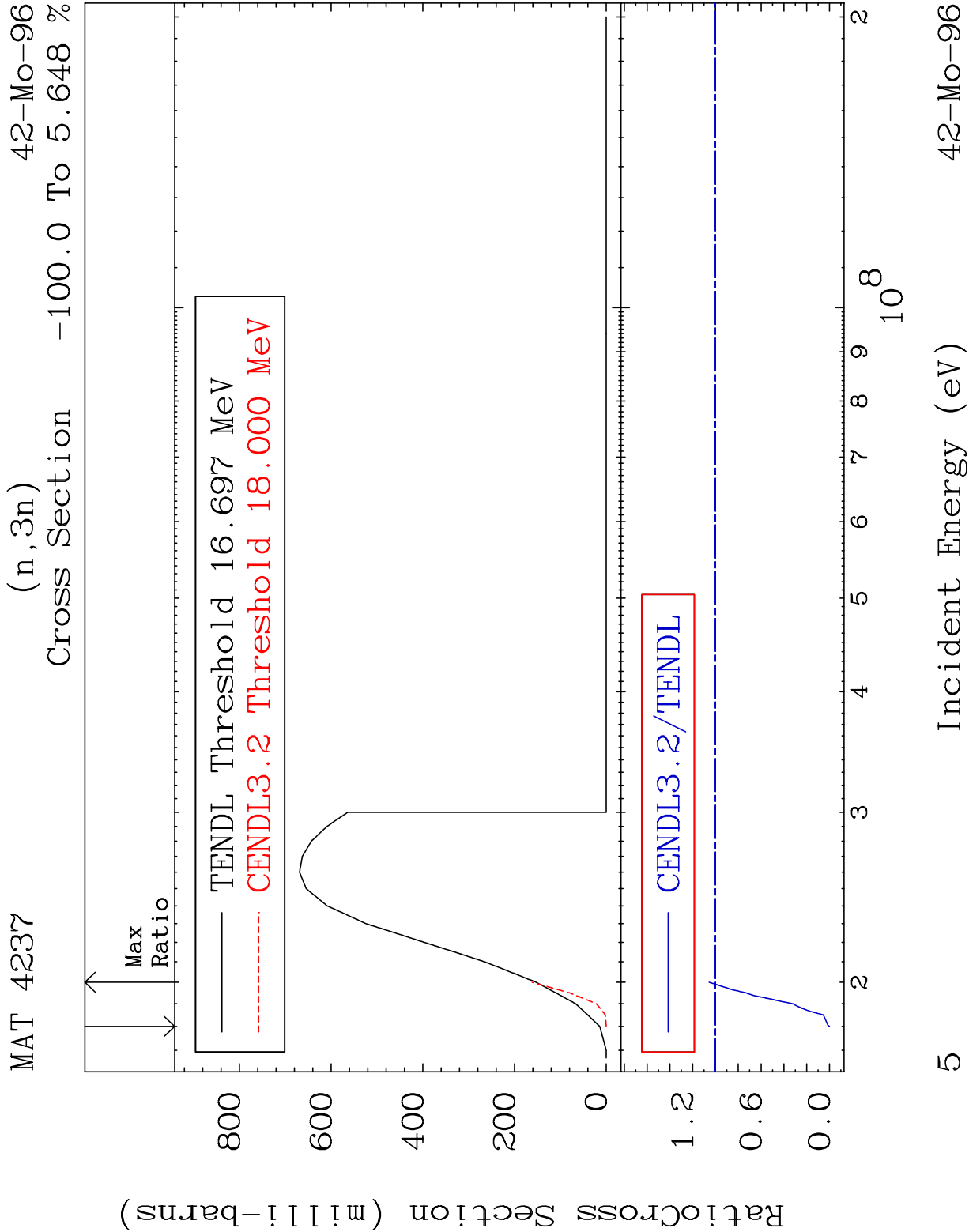
2

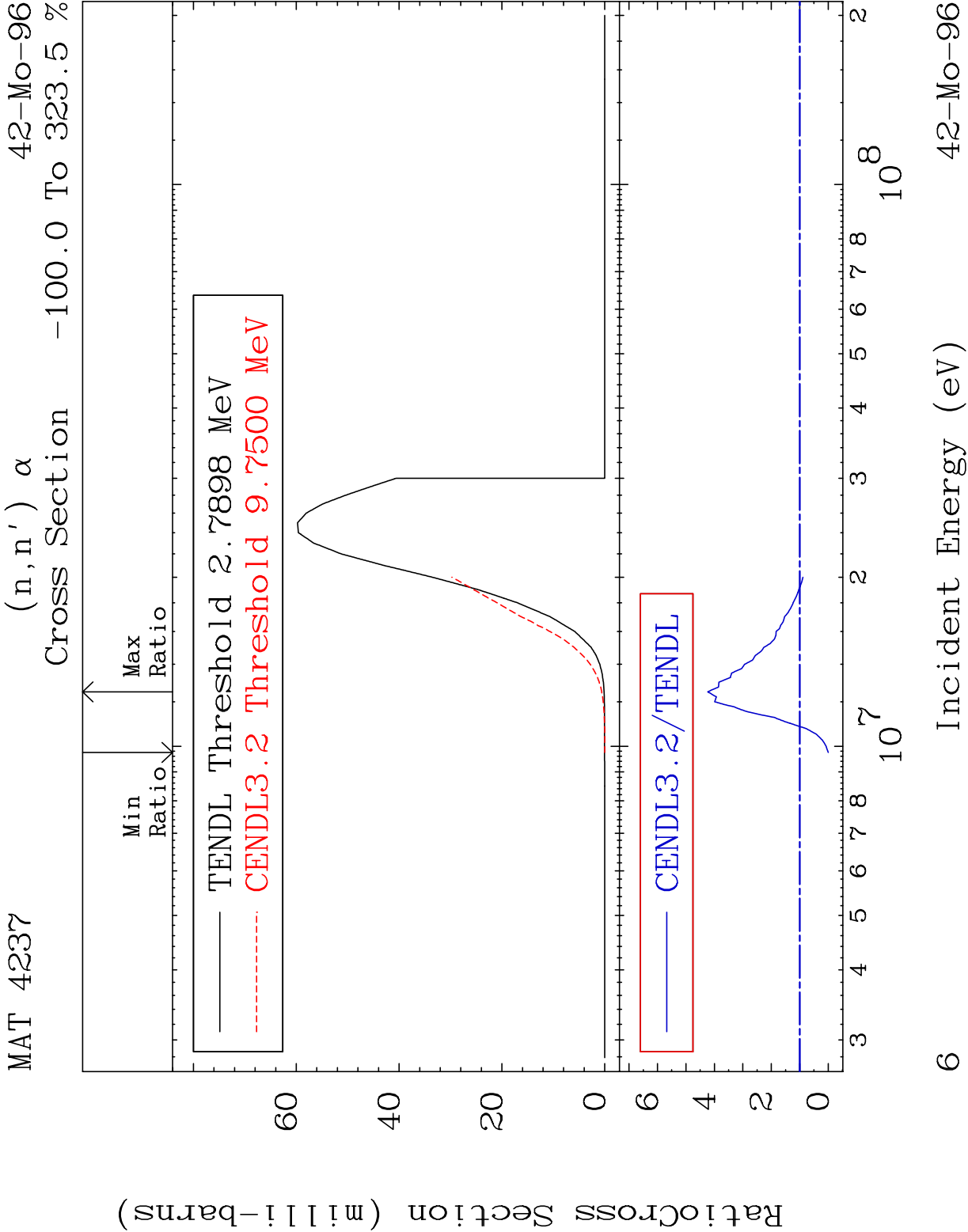
Incident Energy (eV)

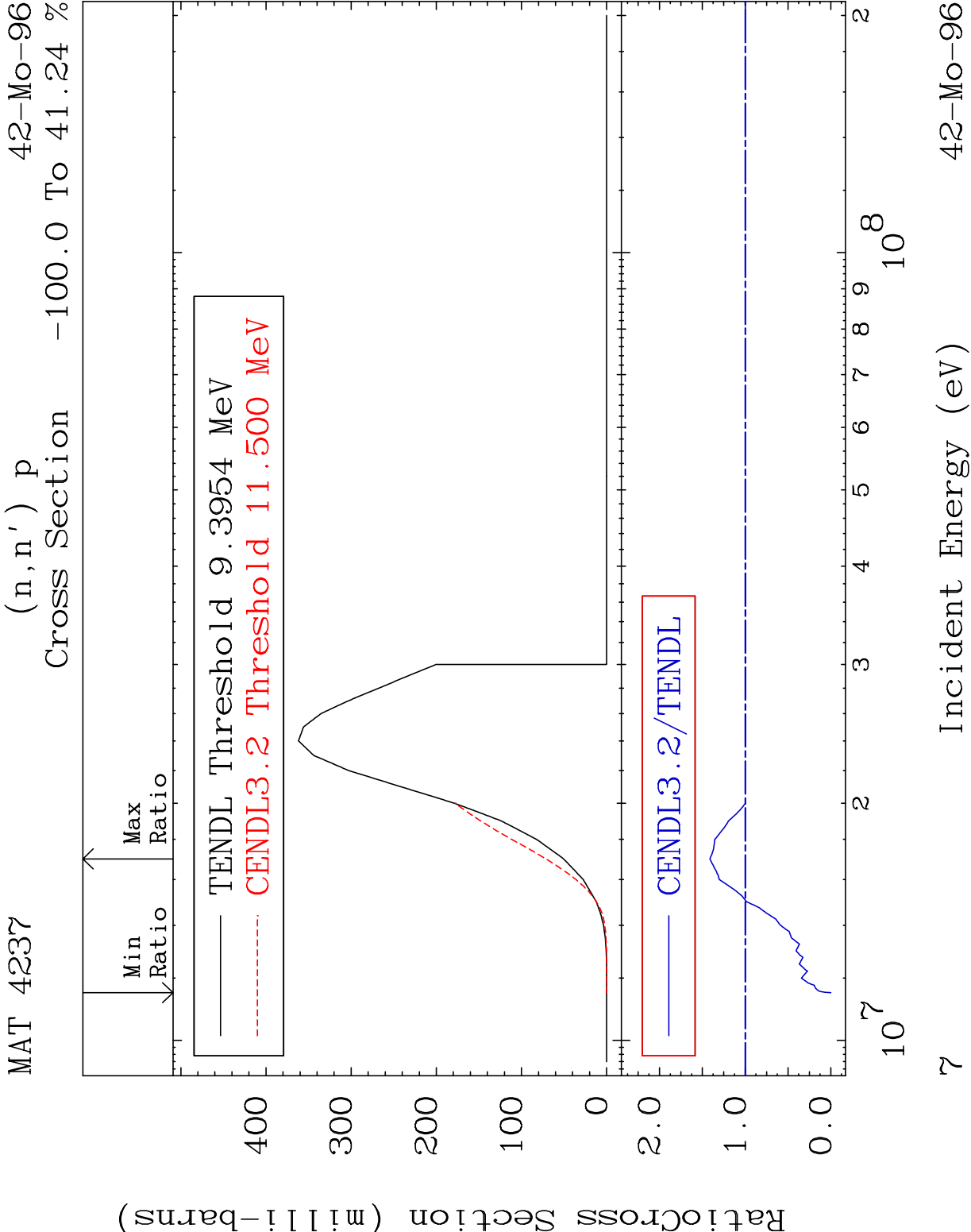
42-Mo-96



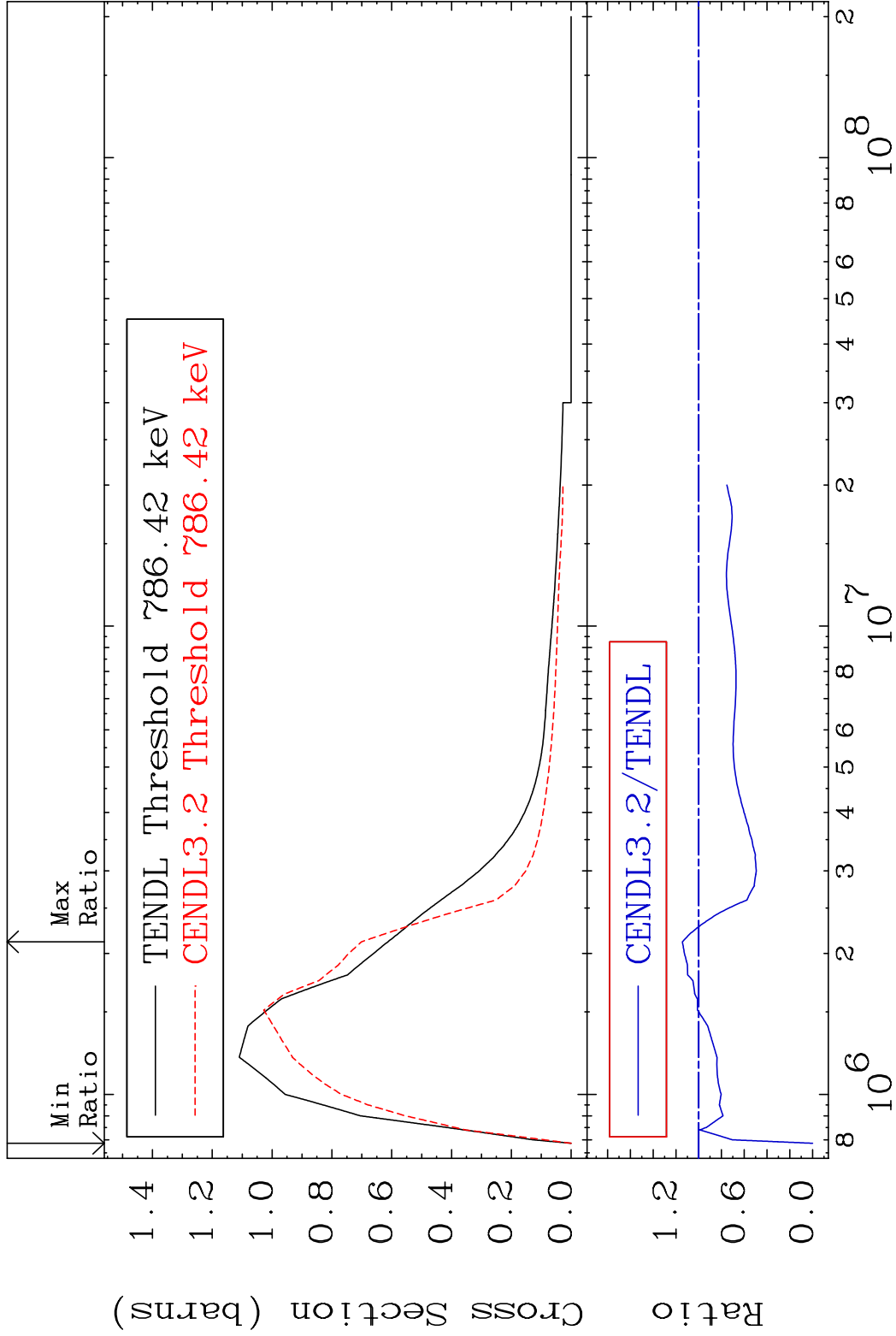








MAT 4237 MT= 51 (n,n') Level 42-Mo-96
Cross Section -100.0 To 14.35 %



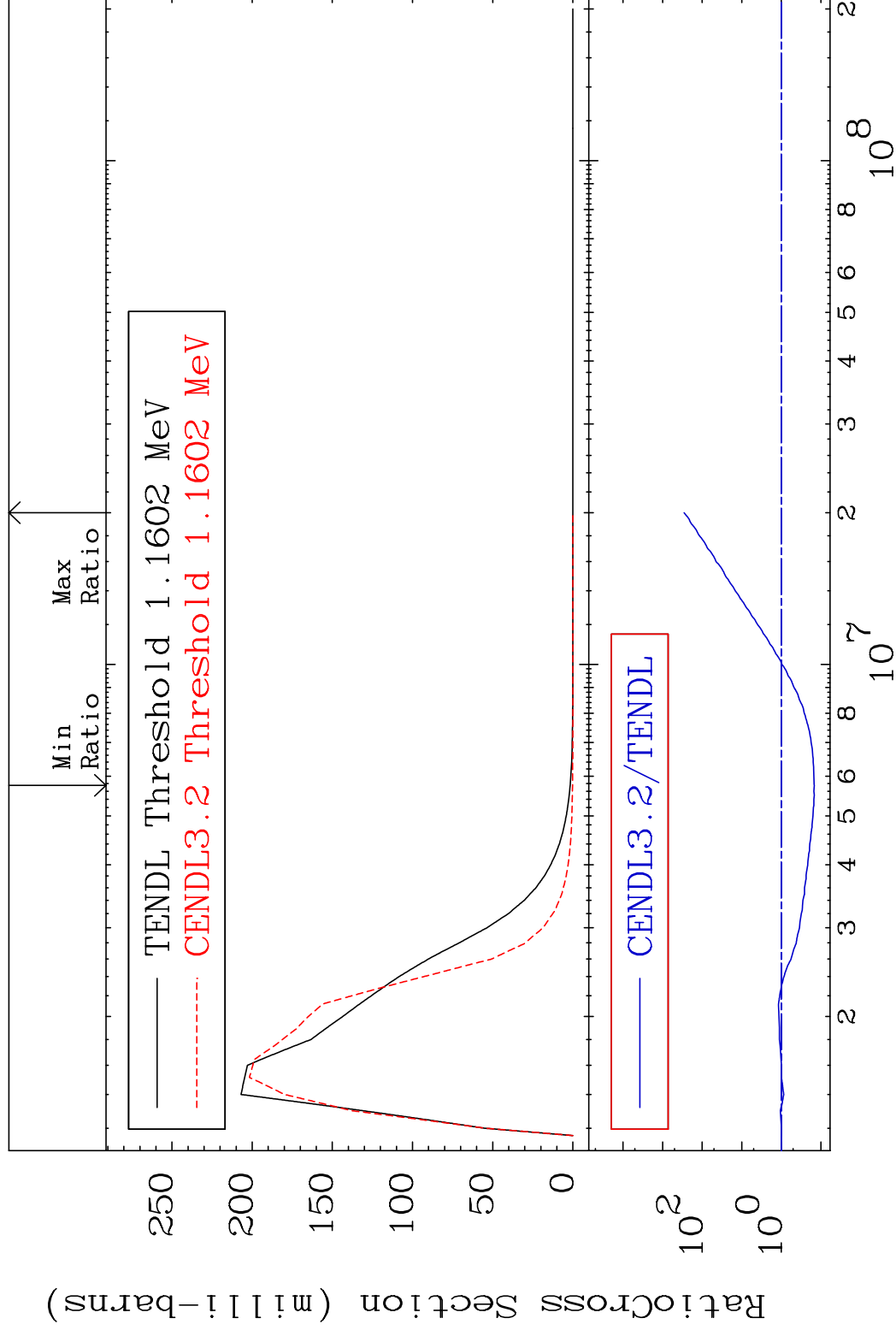
8 Incident Energy (eV) 42-Mo-96

MAT 4237

MT= 52 (n, n') Level

42-Mo-96

Cross Section -85.33 To 9999. %

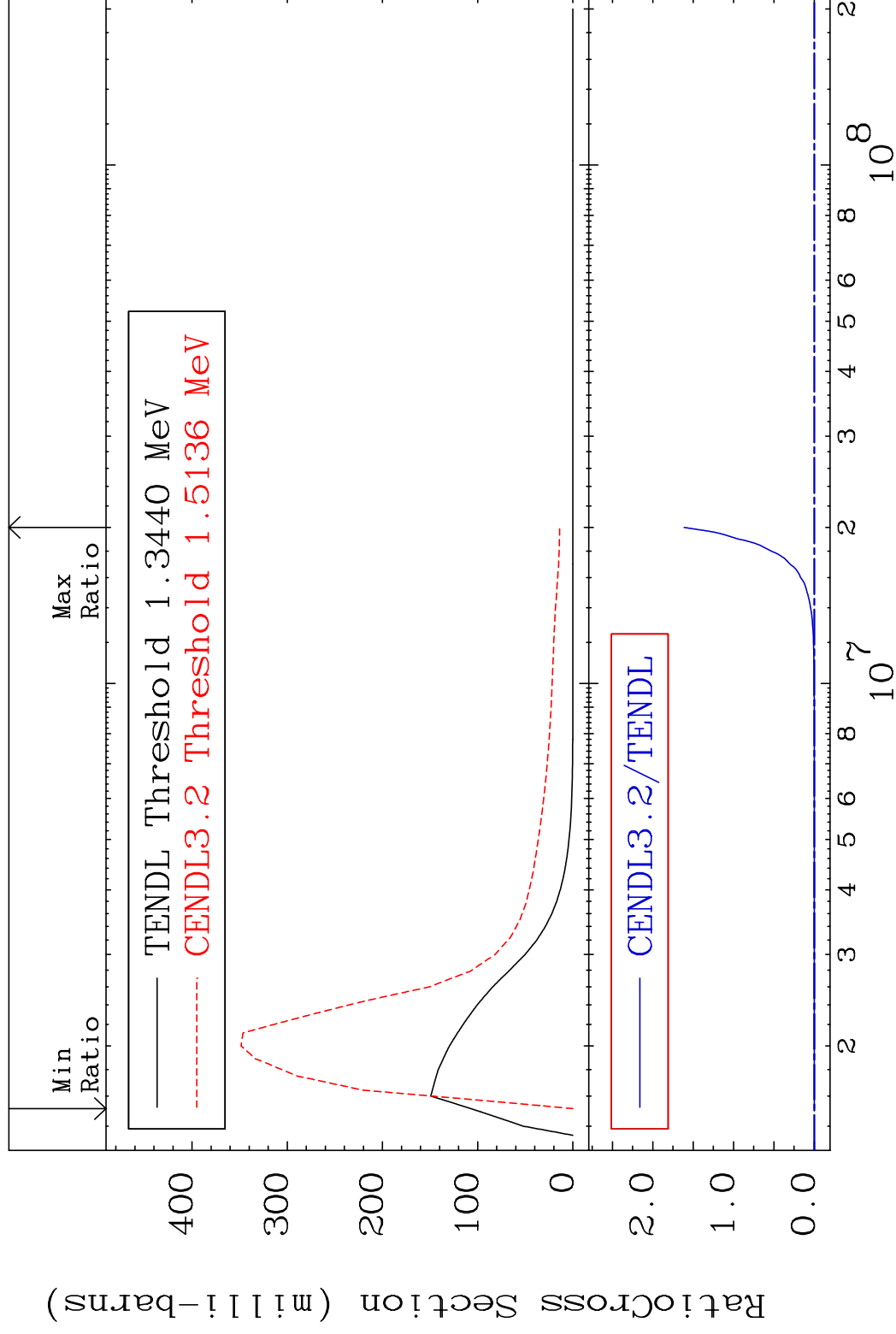


MAT 4237

MT= 53 (n, n') Level

42-Mo-96

Cross Section -100.0 To 9999. %



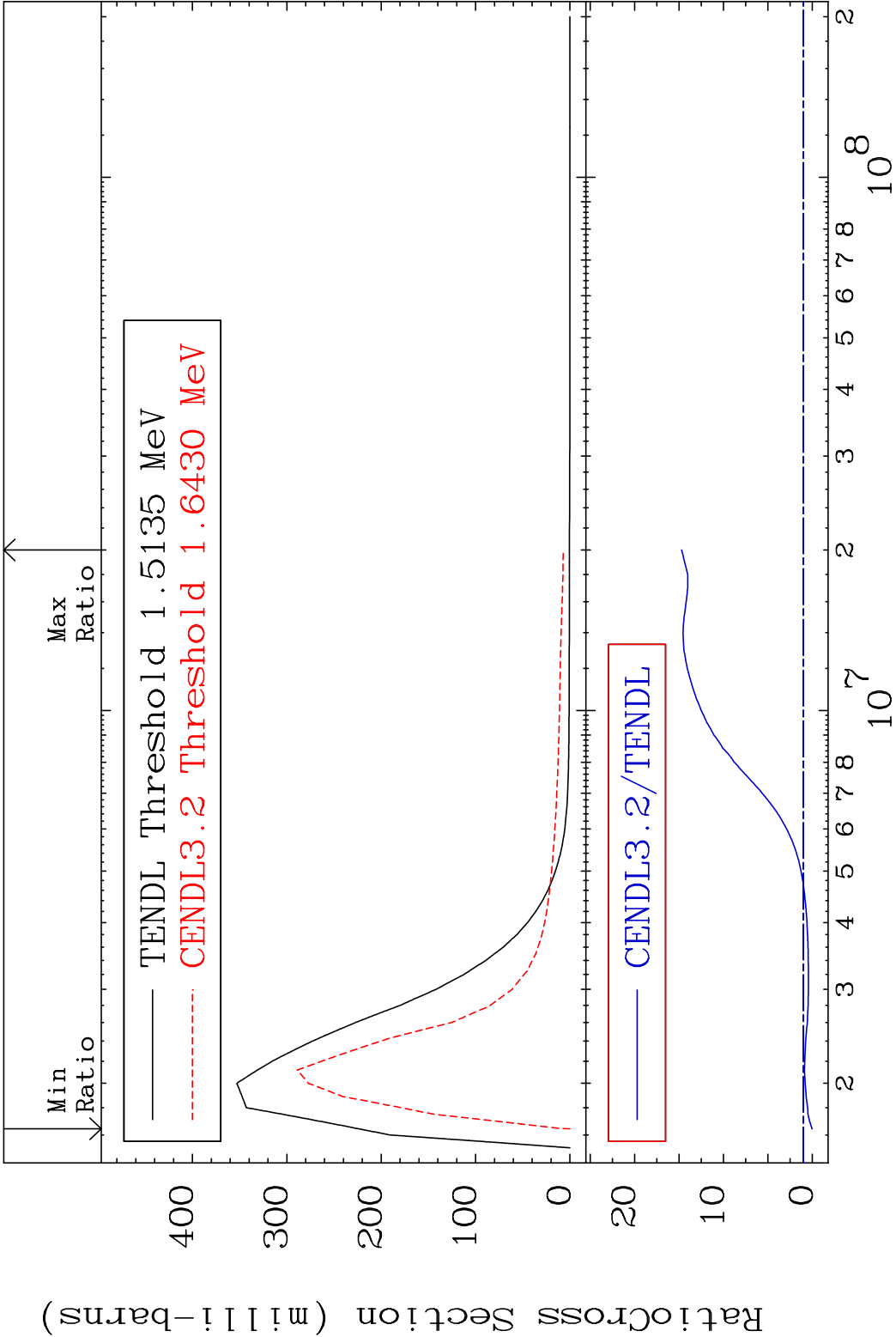
MAT 4237

MT= 54 (n,n') Level

42-Mo-96

Cross Section

-100.0 To 1372. %

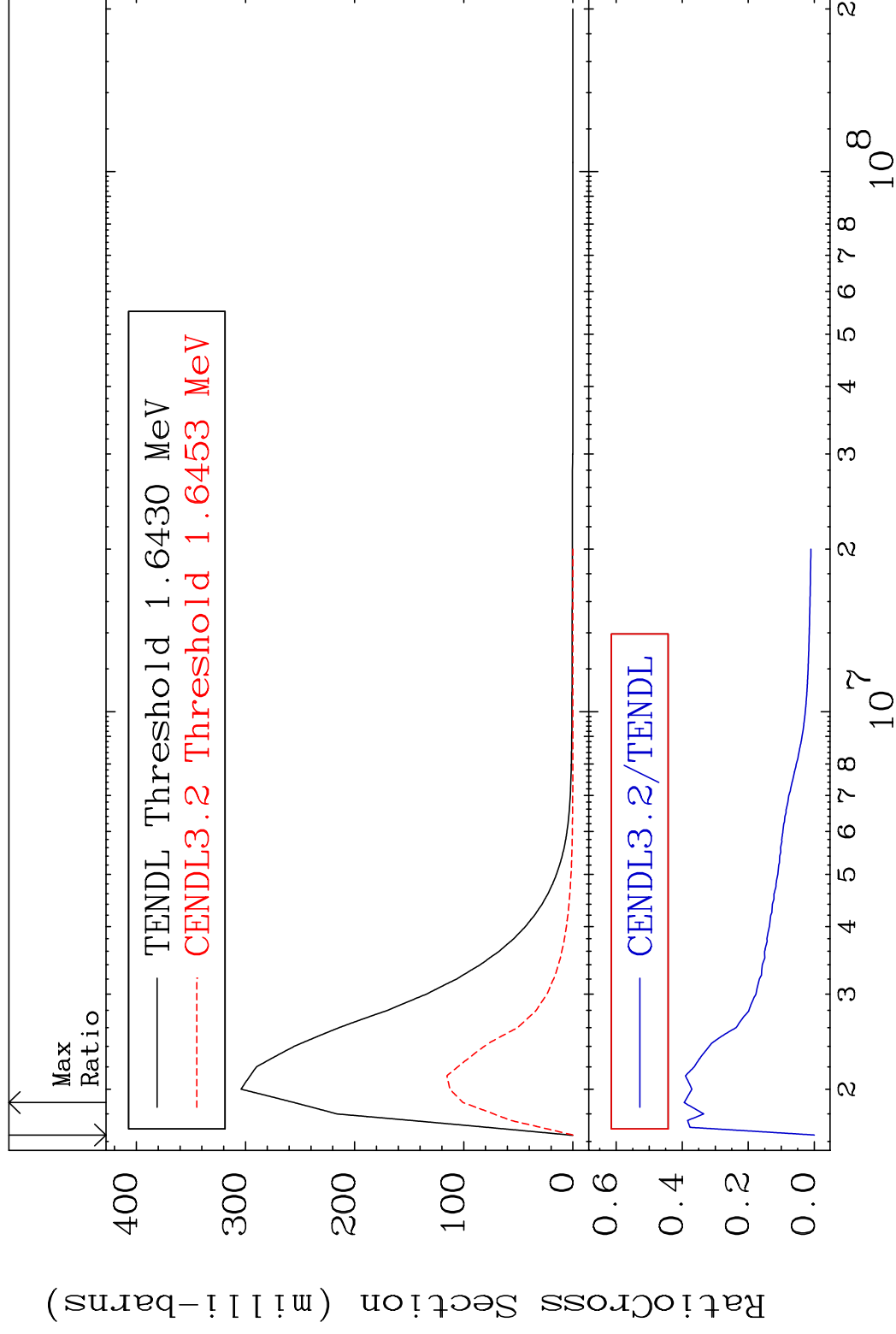


MAT 4237

MT= 55 (n, n') Level

42-Mo-96

Cross Section	-100.0 To -60.55%
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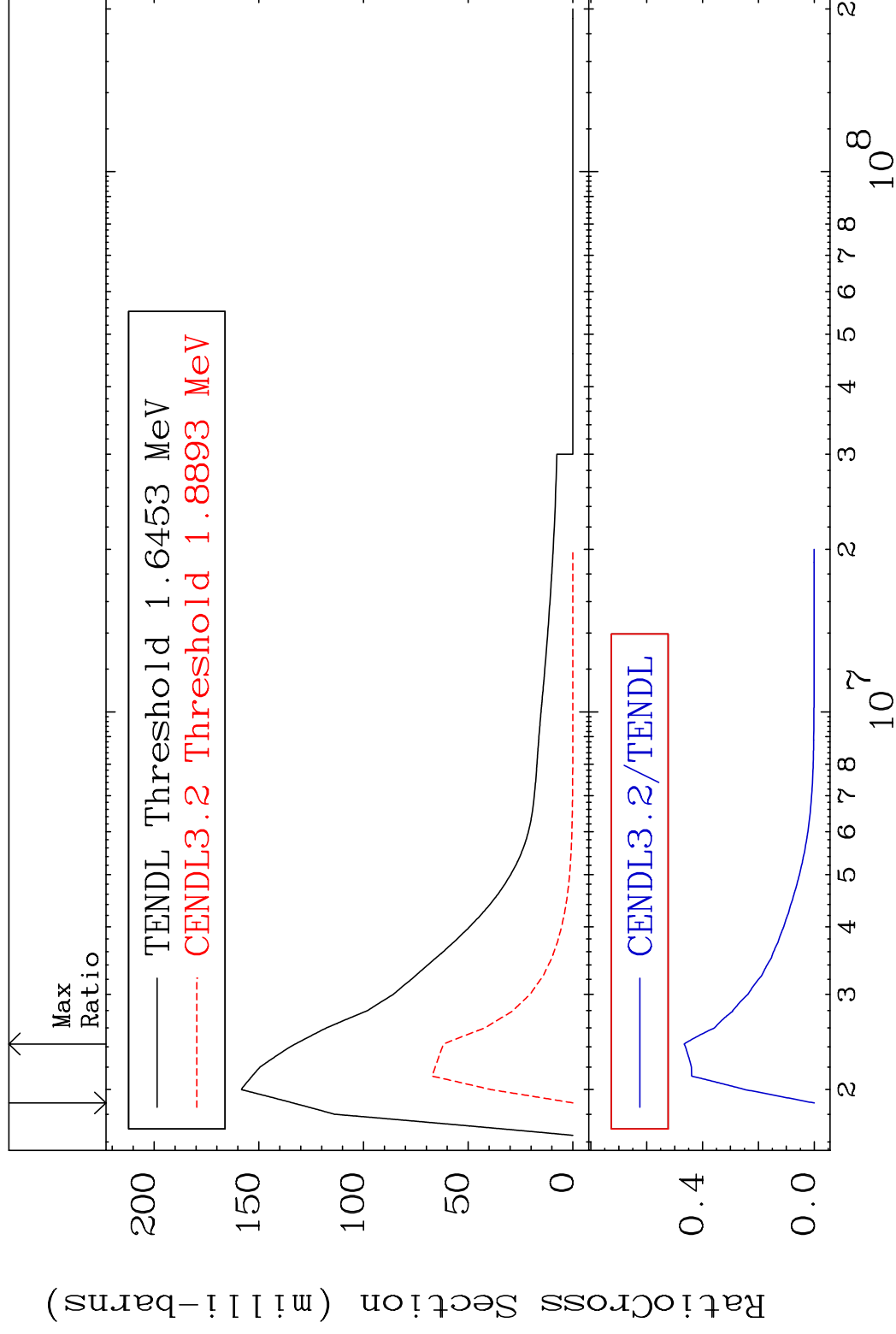


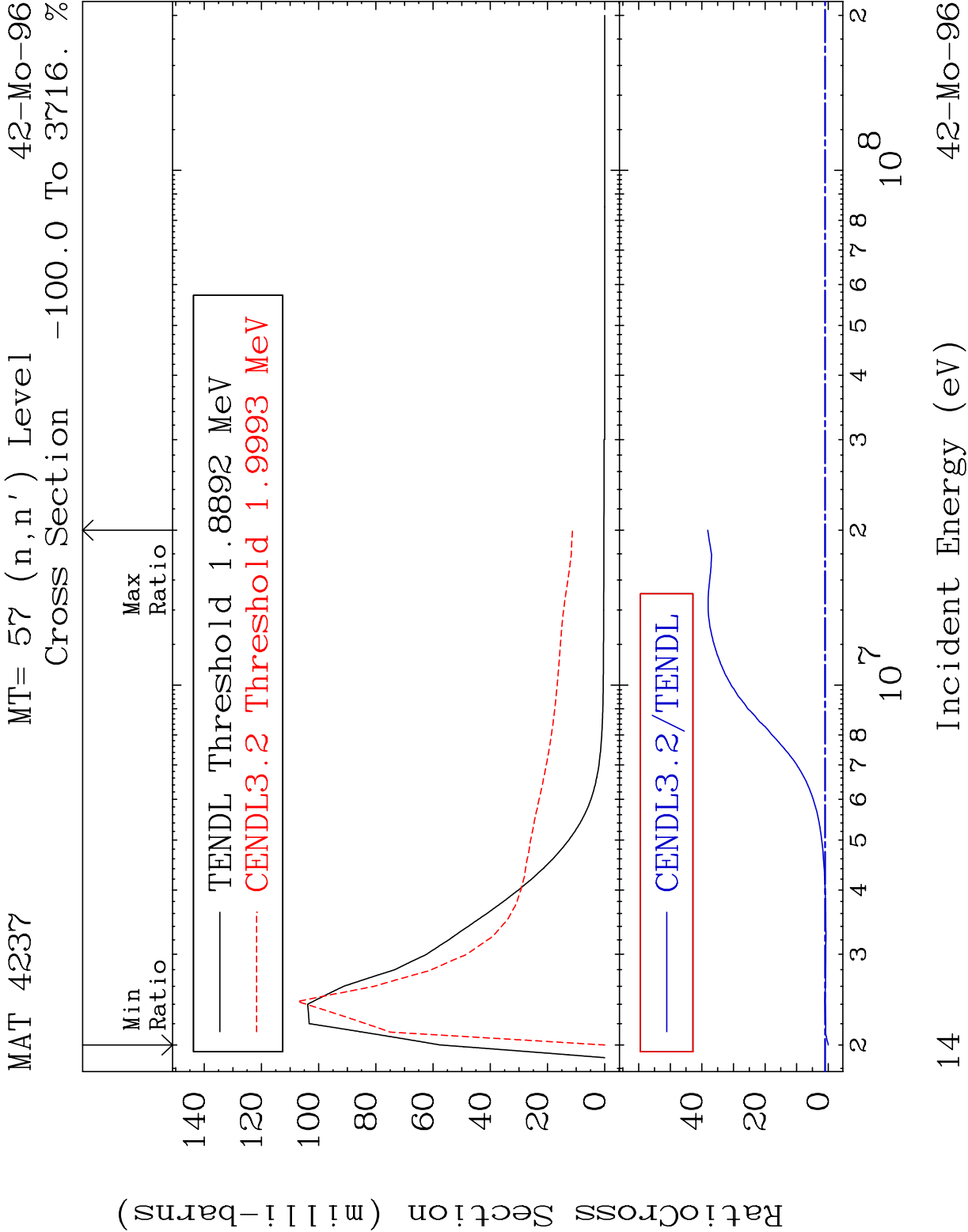
MAT 4237

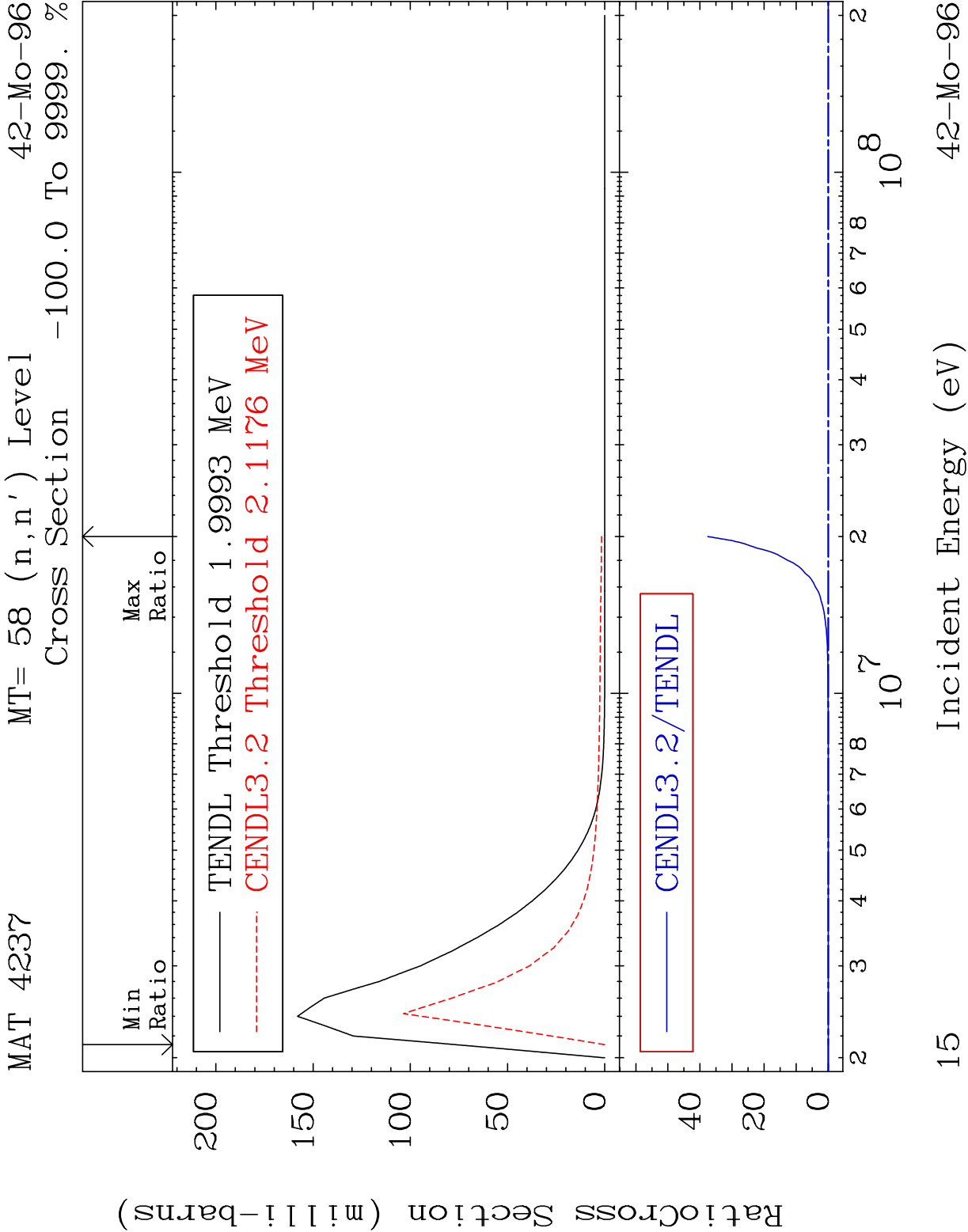
MT= 56 (n, n') Level

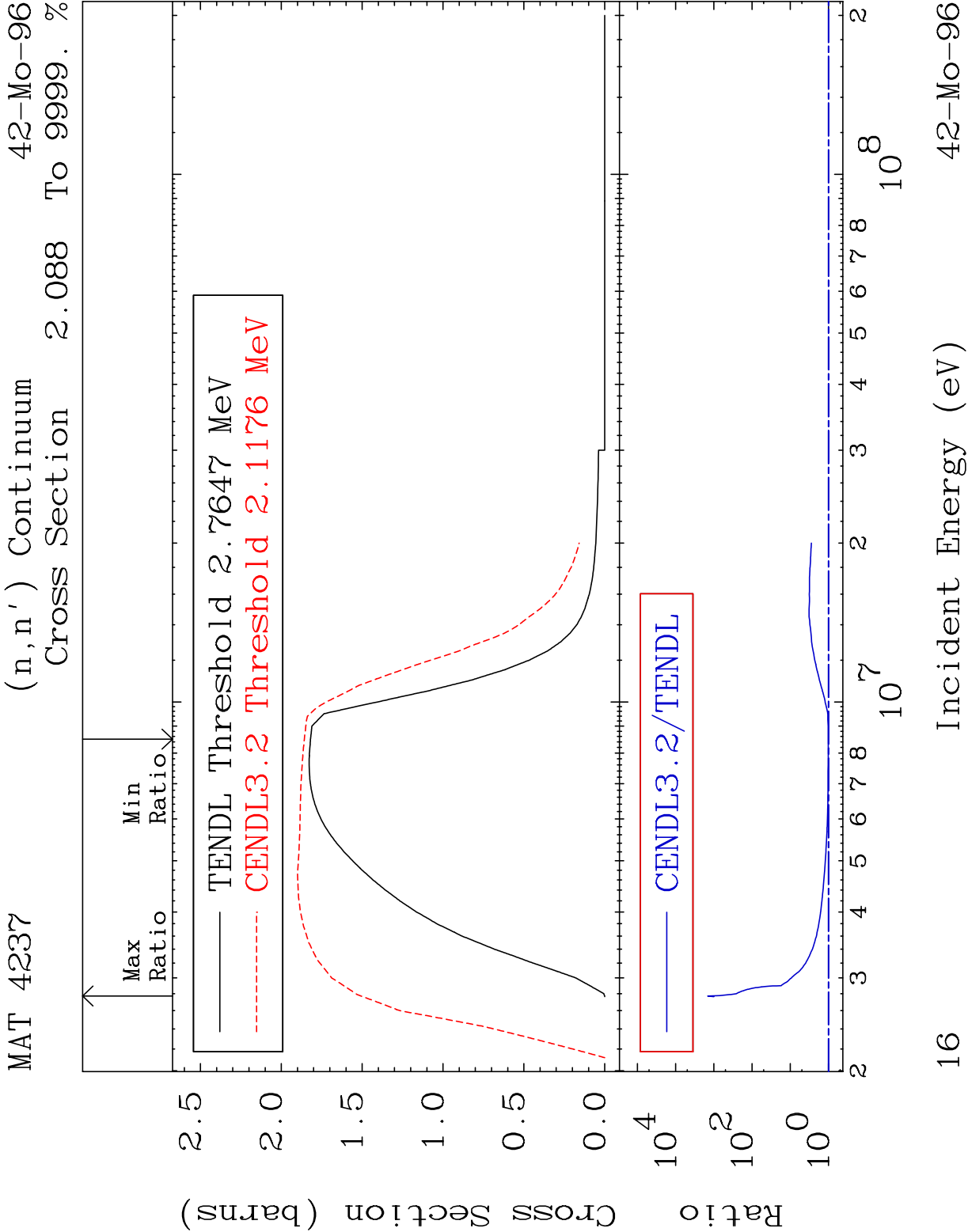
42-Mo-96

Cross Section	-100.0 To -53.38%







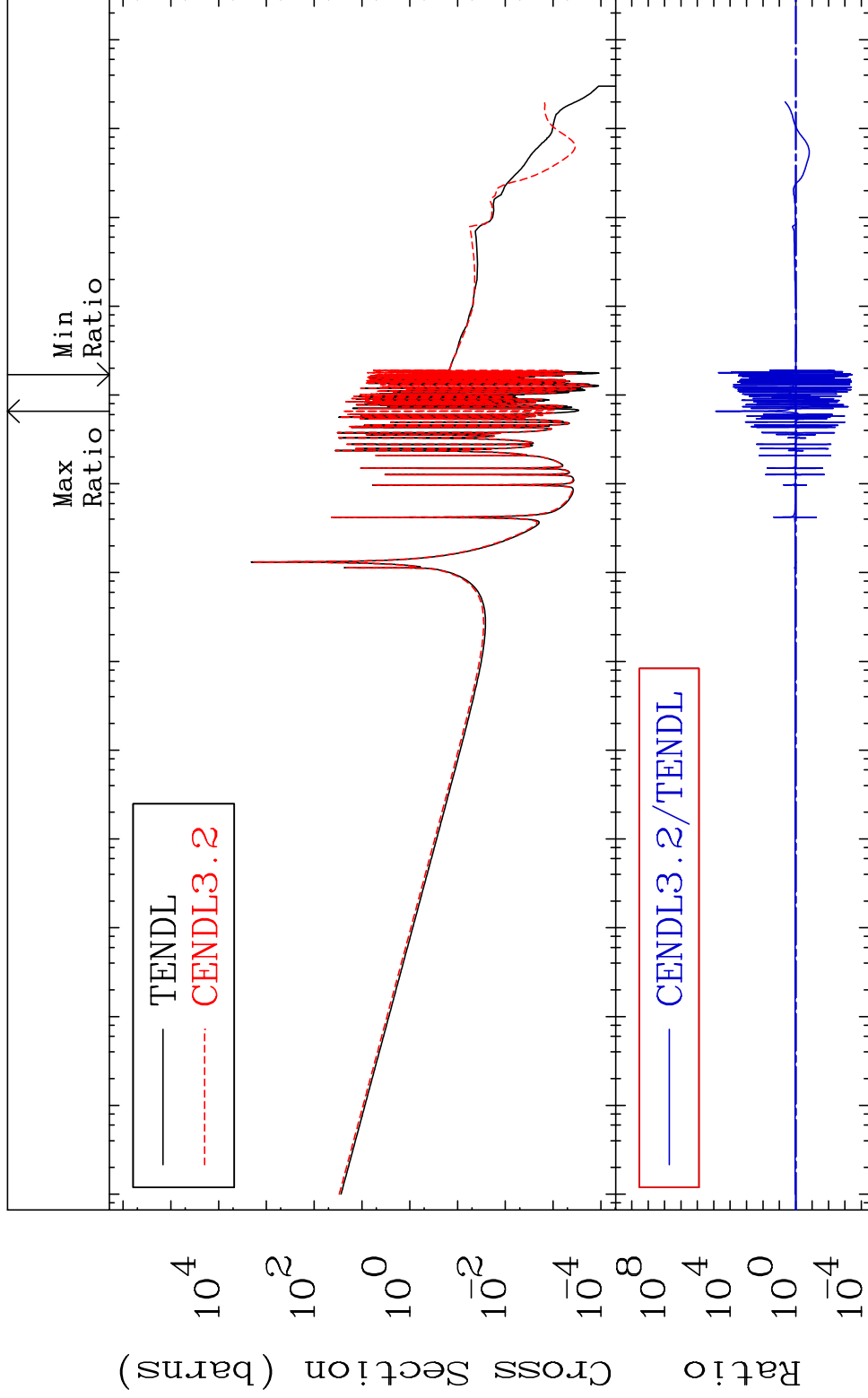


MAT 4237

(n, γ)

42-Mo-96

Cross Section -99.96 To 9999. %

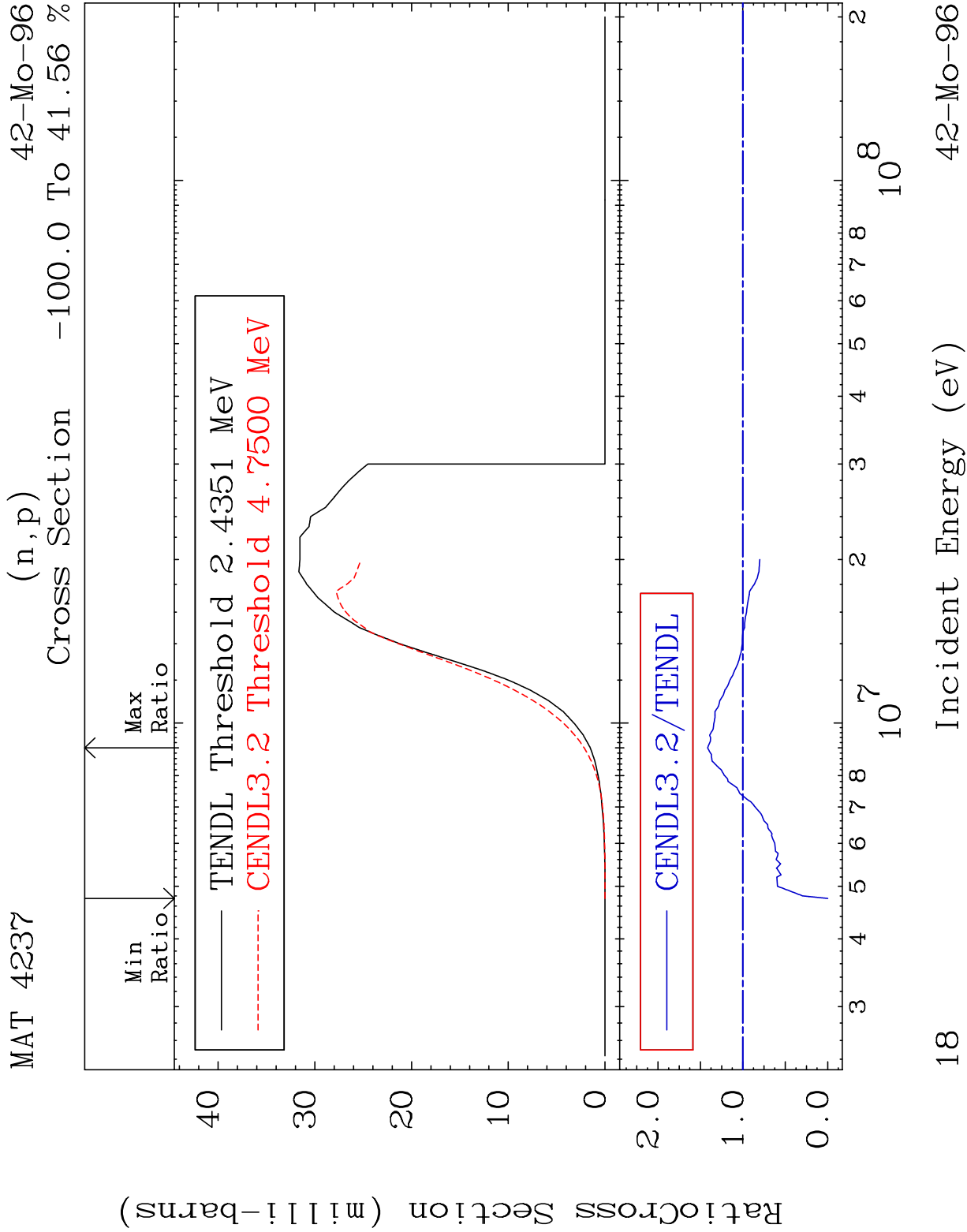


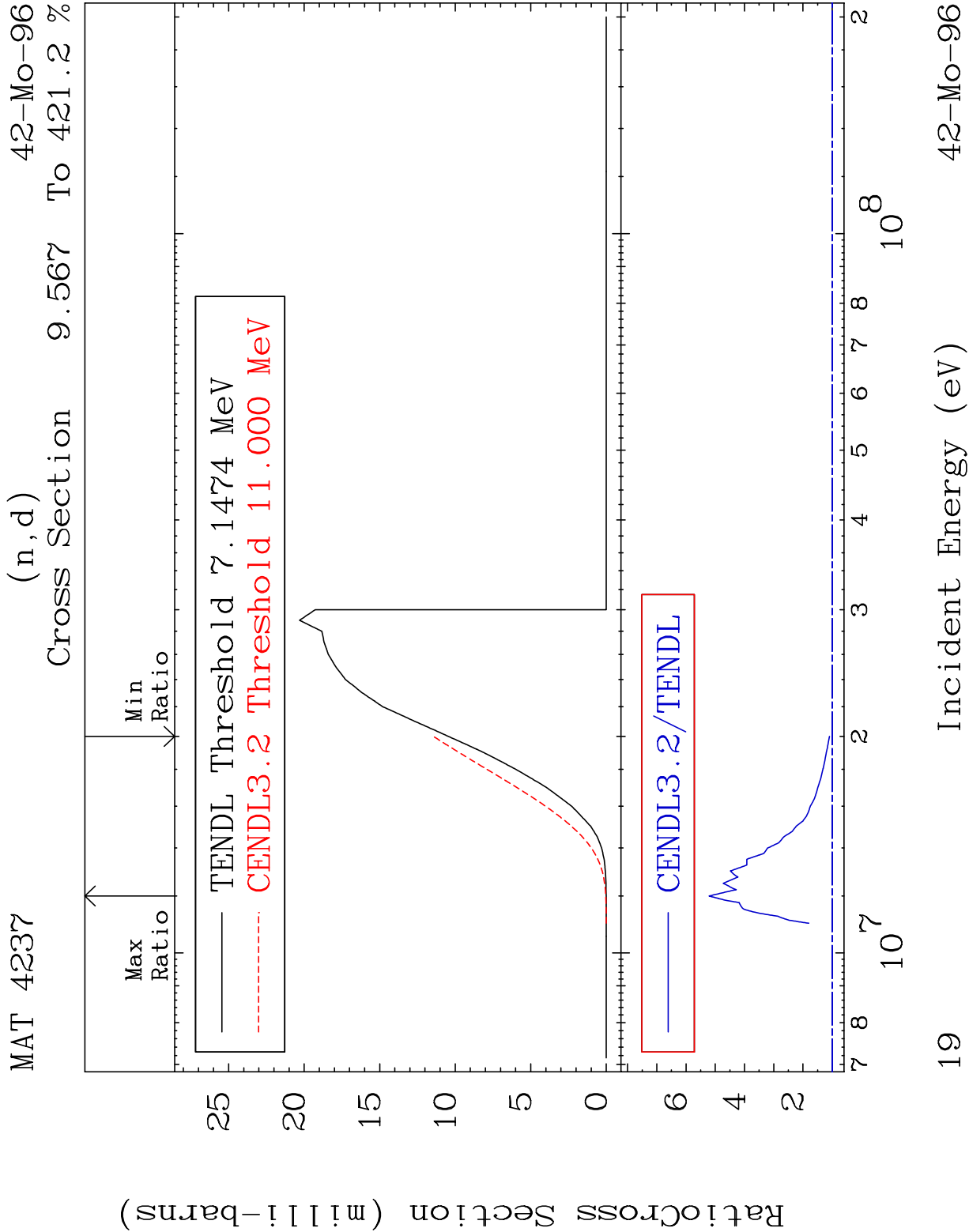
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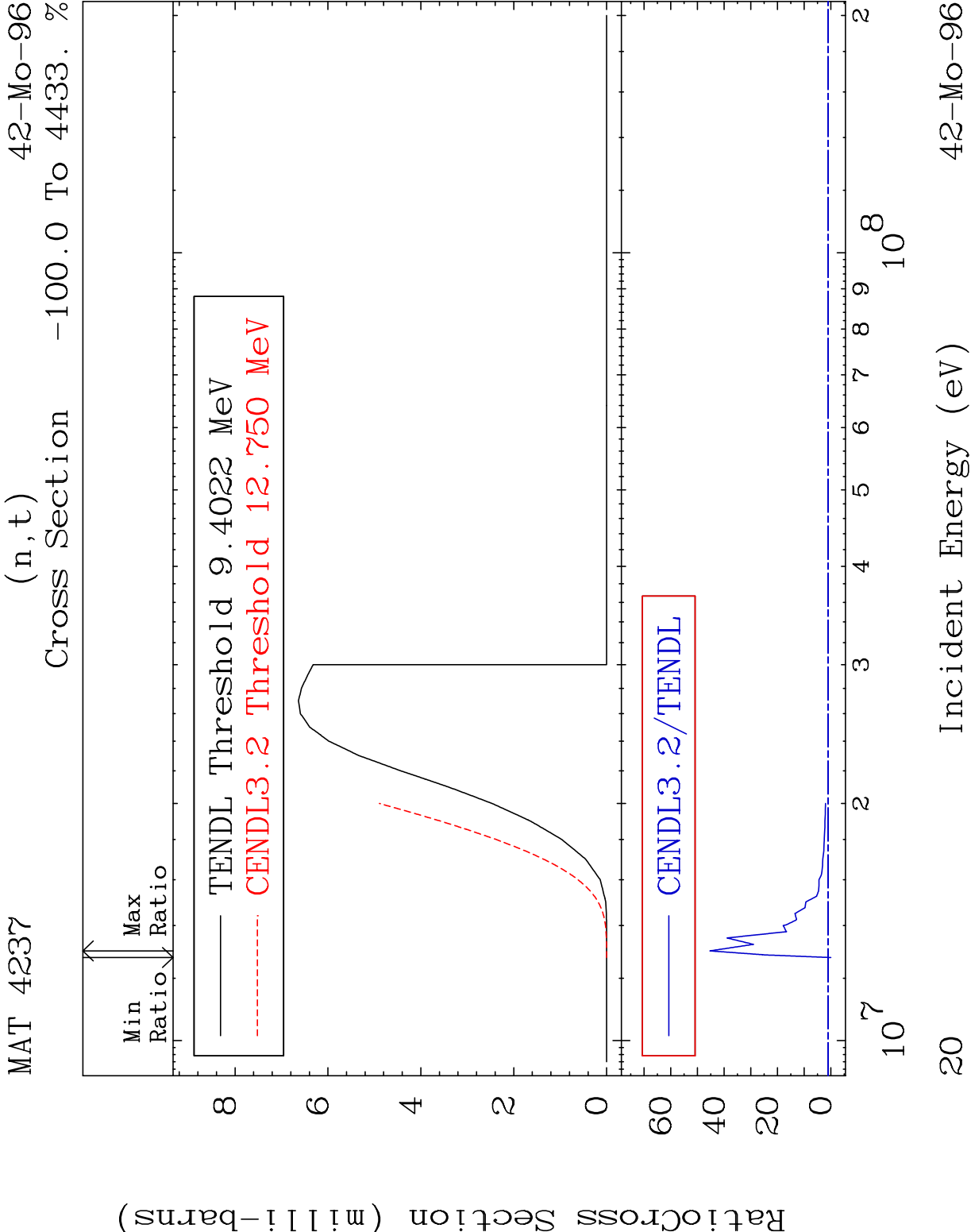
17

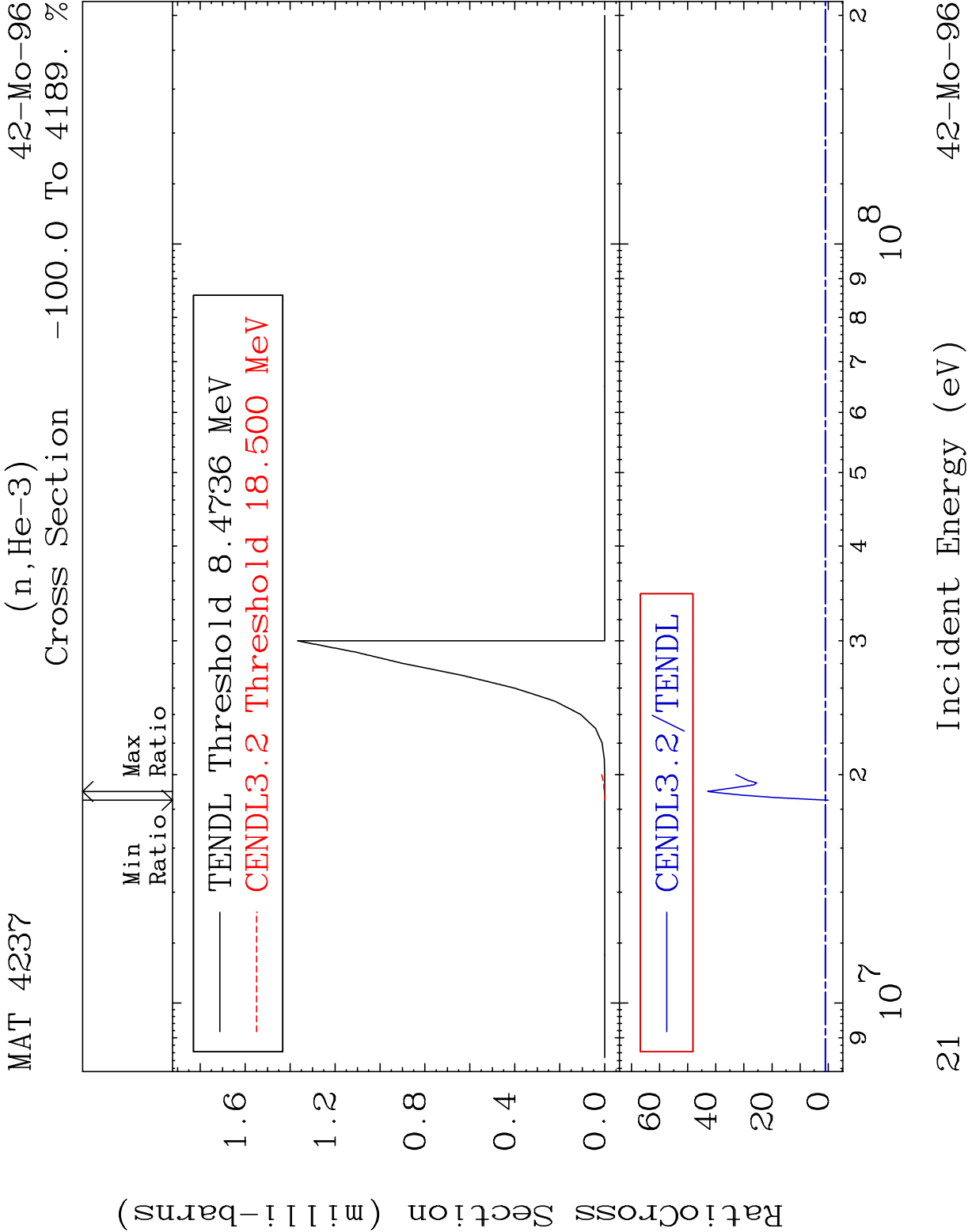
Incident Energy (eV)

42-Mo-96



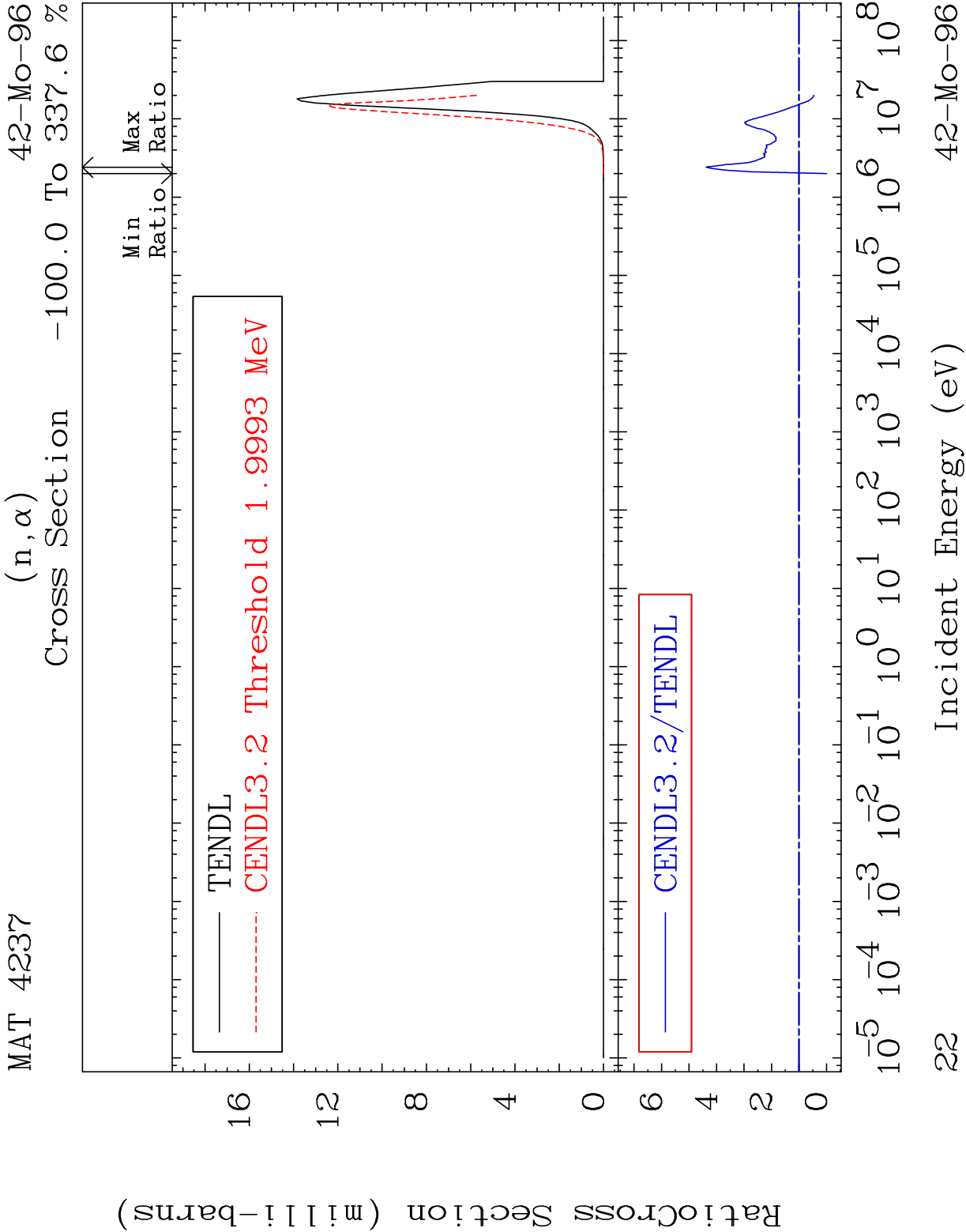


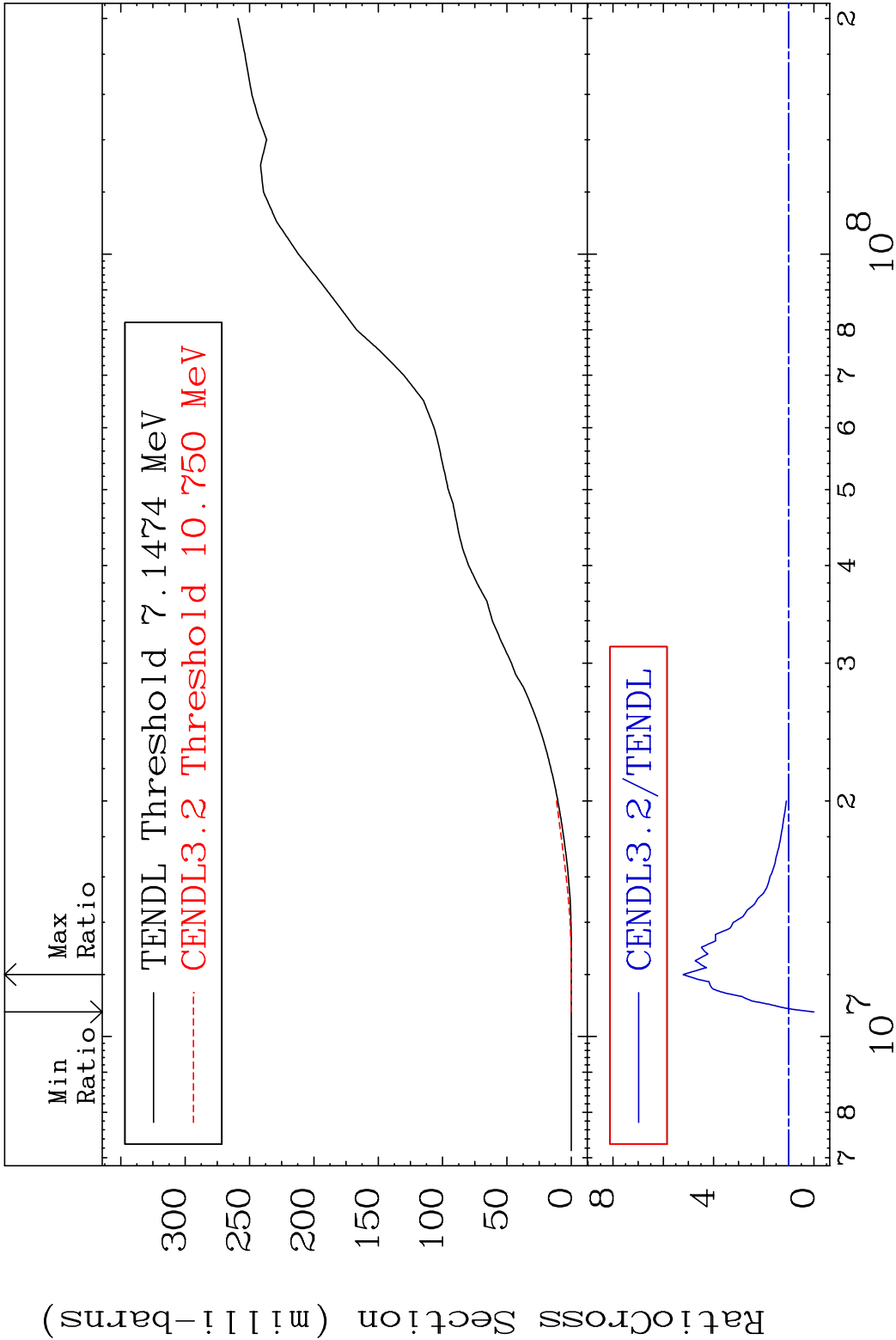


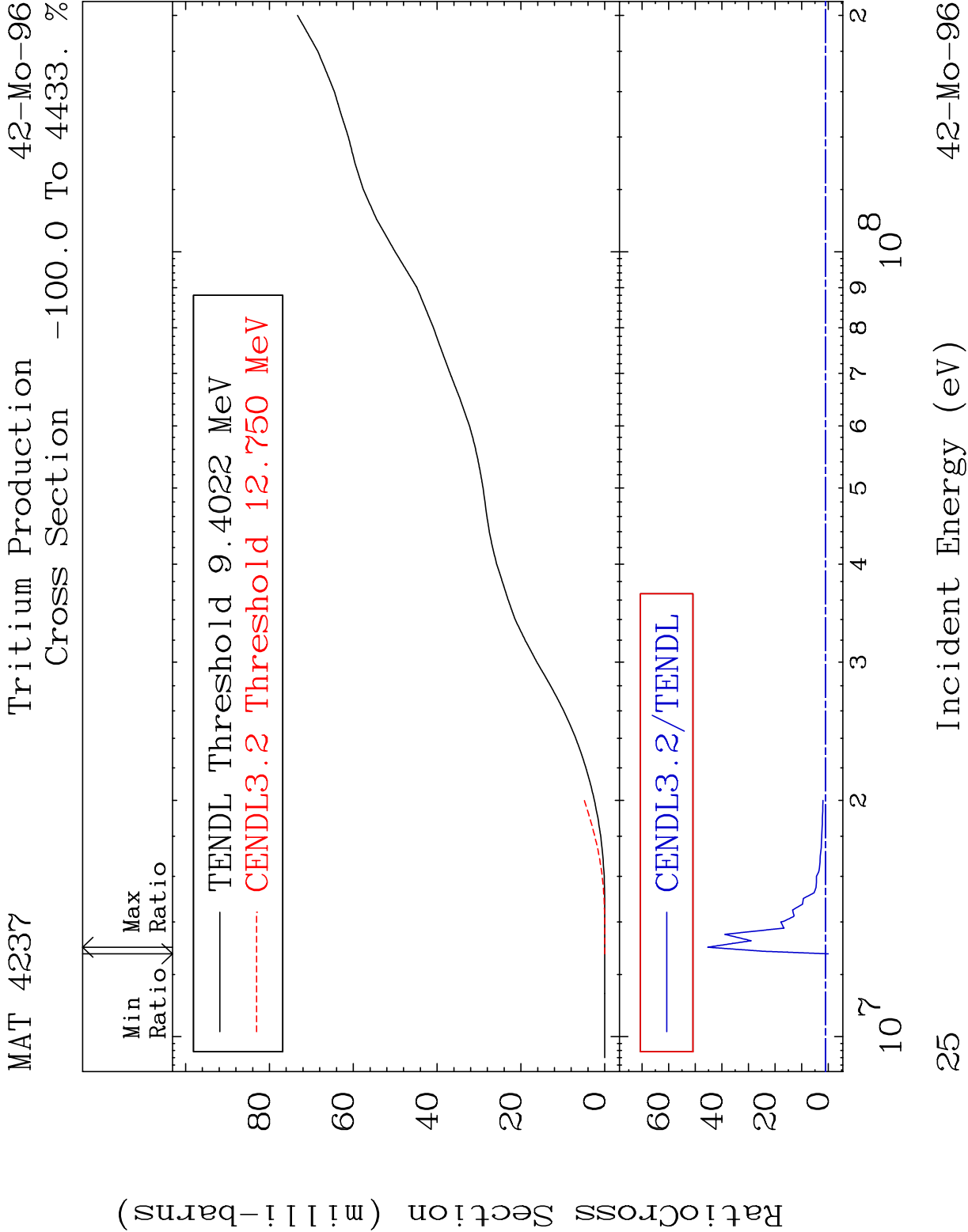


21

42-Mo-96





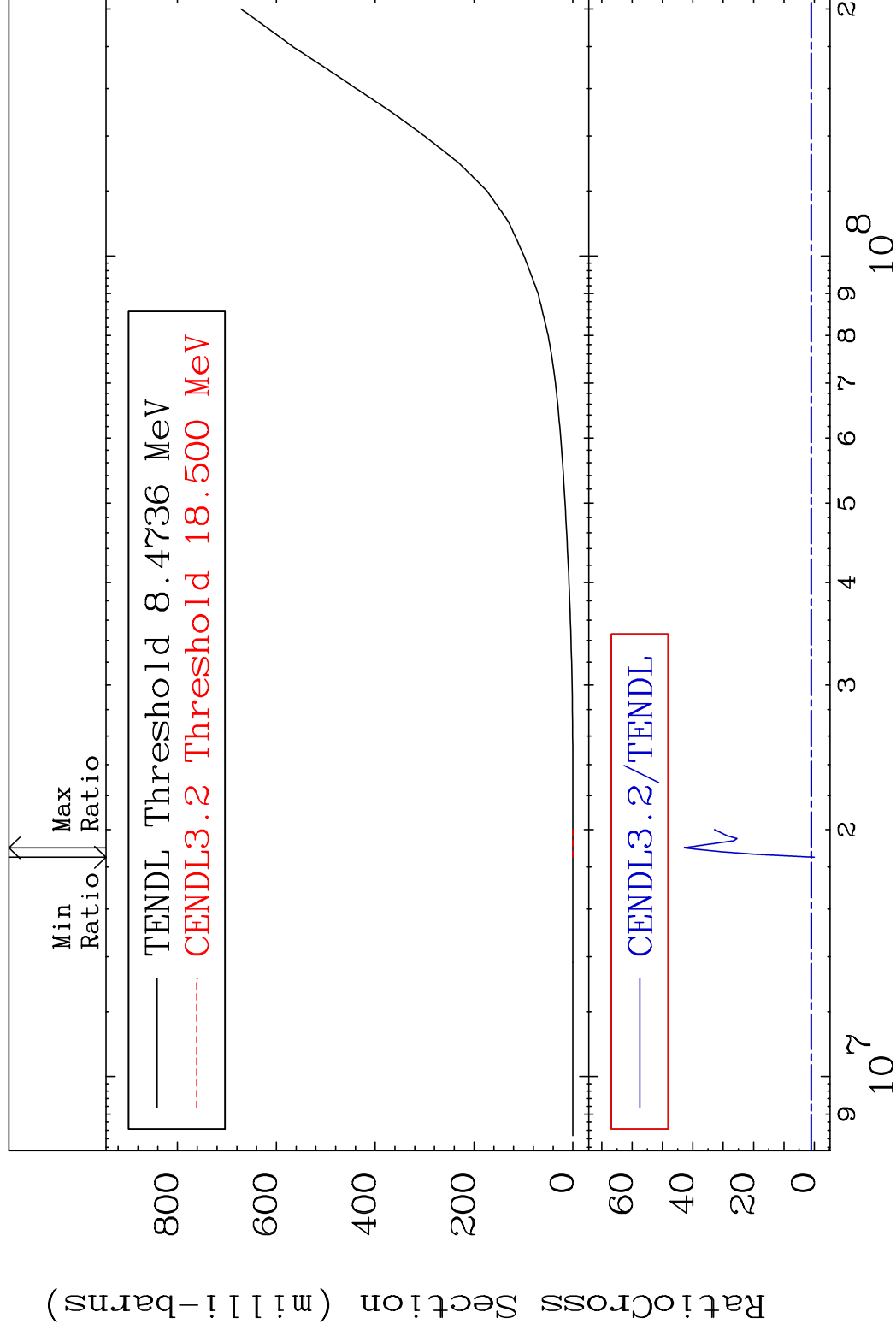


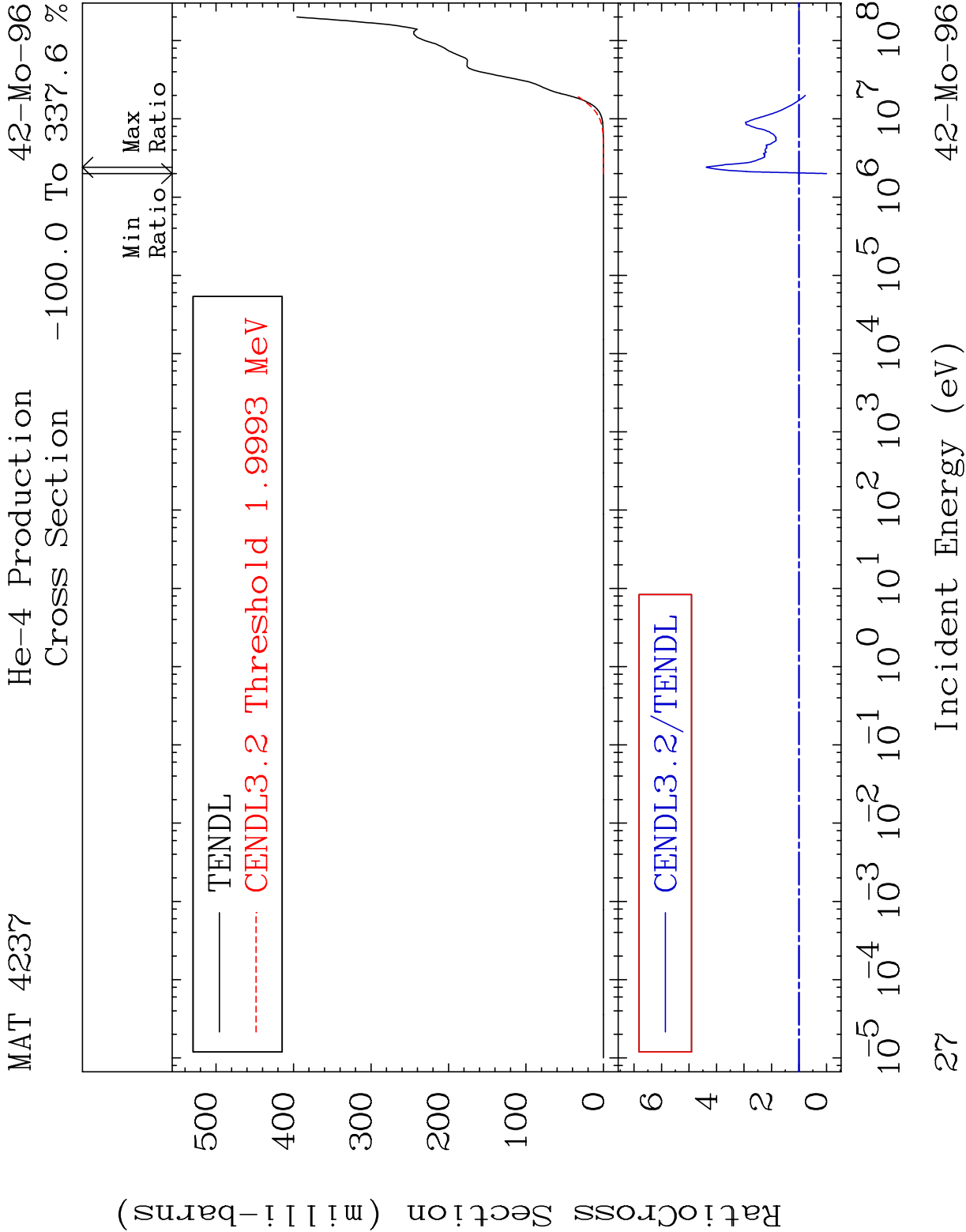
MAT 4237

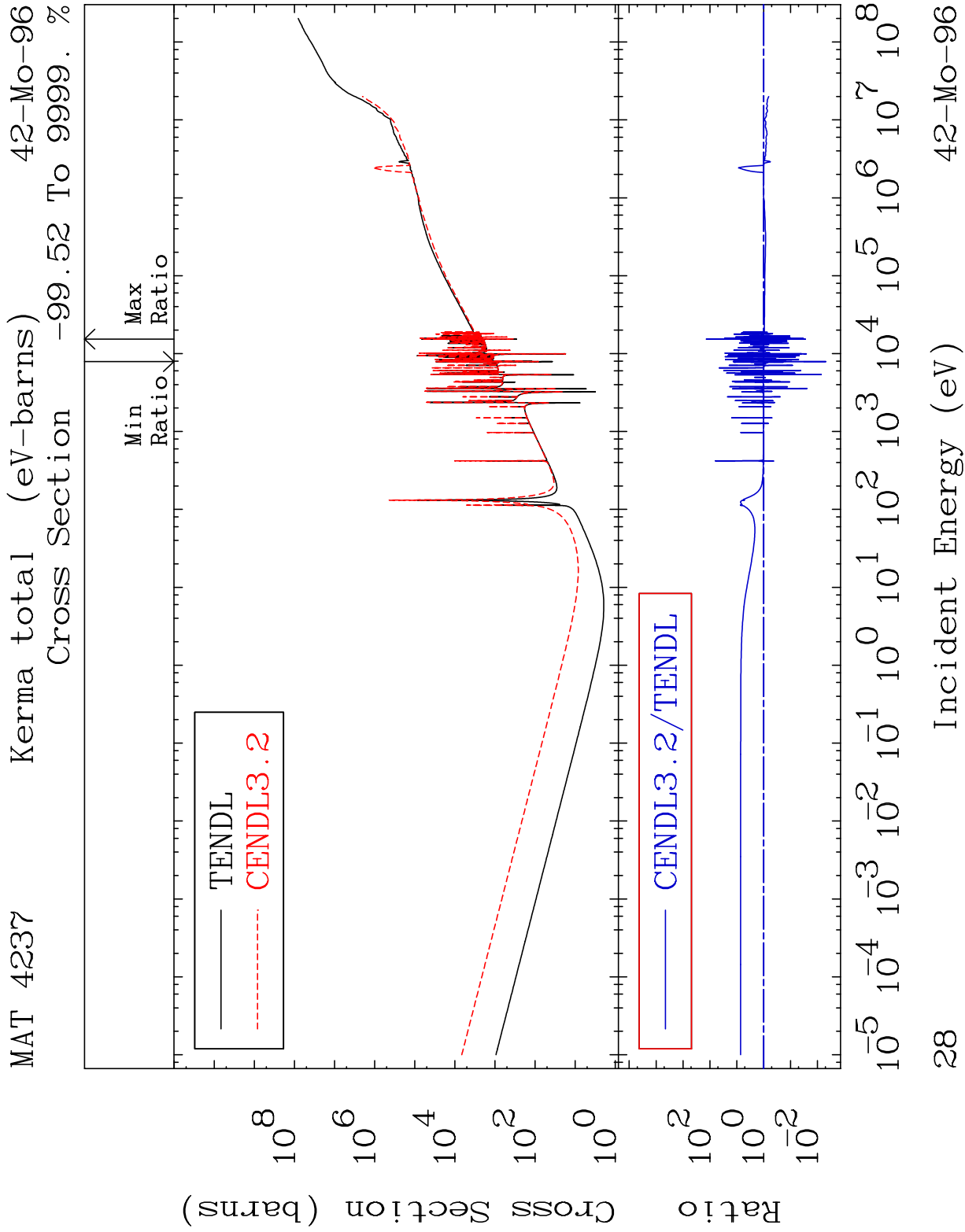
He-3 Production

42-Mo-96

Cross Section	-100.0 To 4189. %



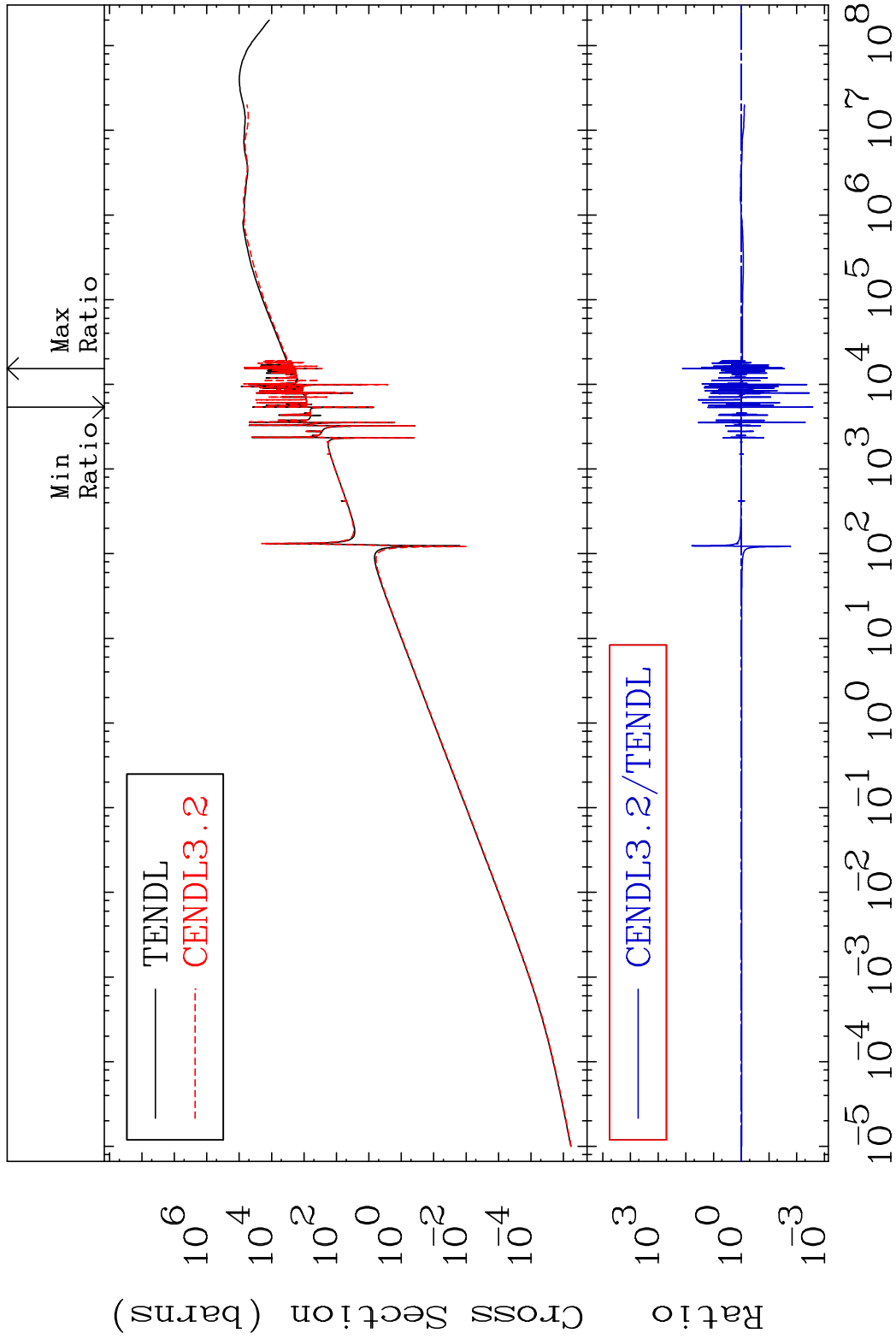




MAT 4237

Kerma elastic
Cross Section

42-Mo-96
-99.73 To 9999. %

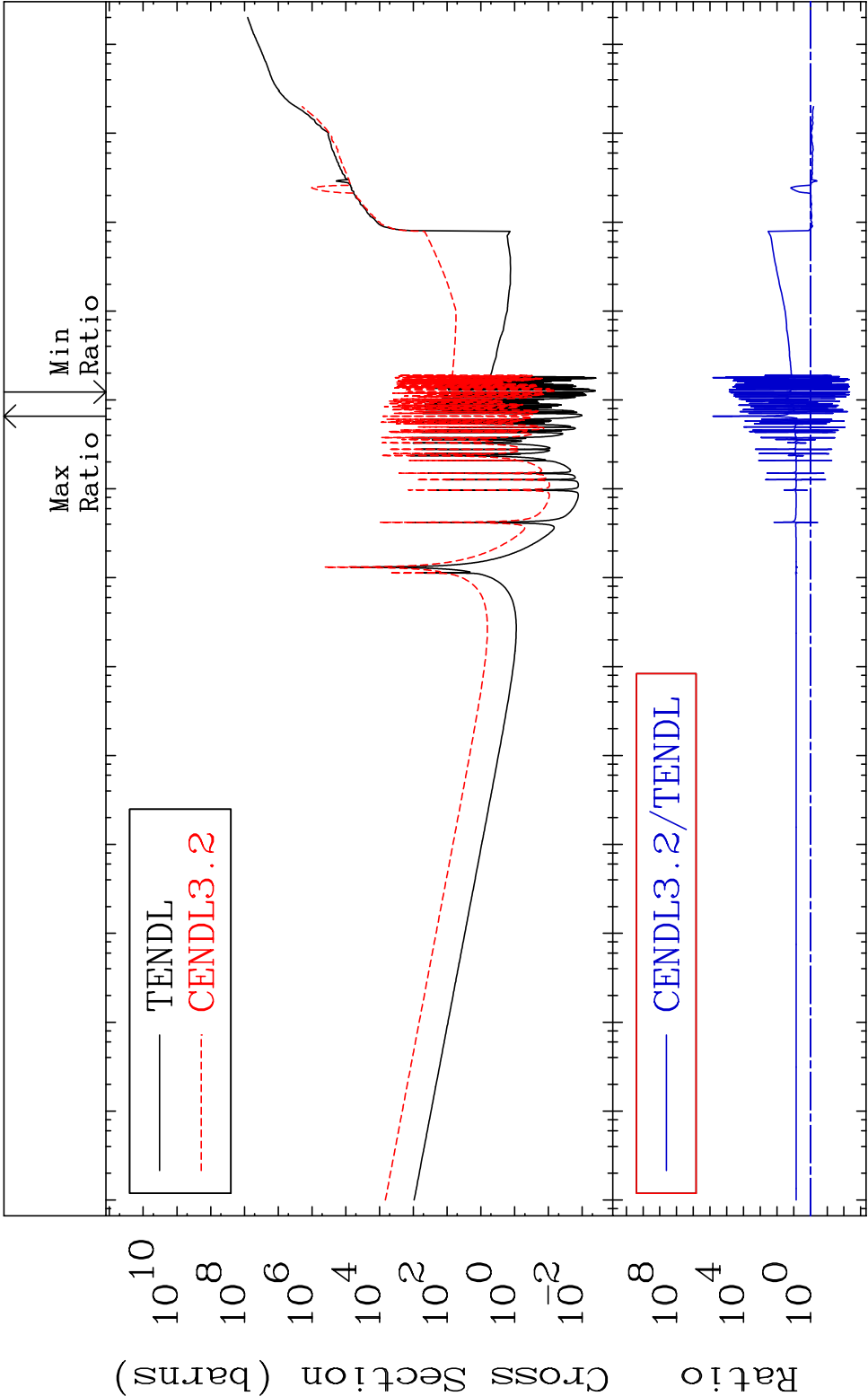


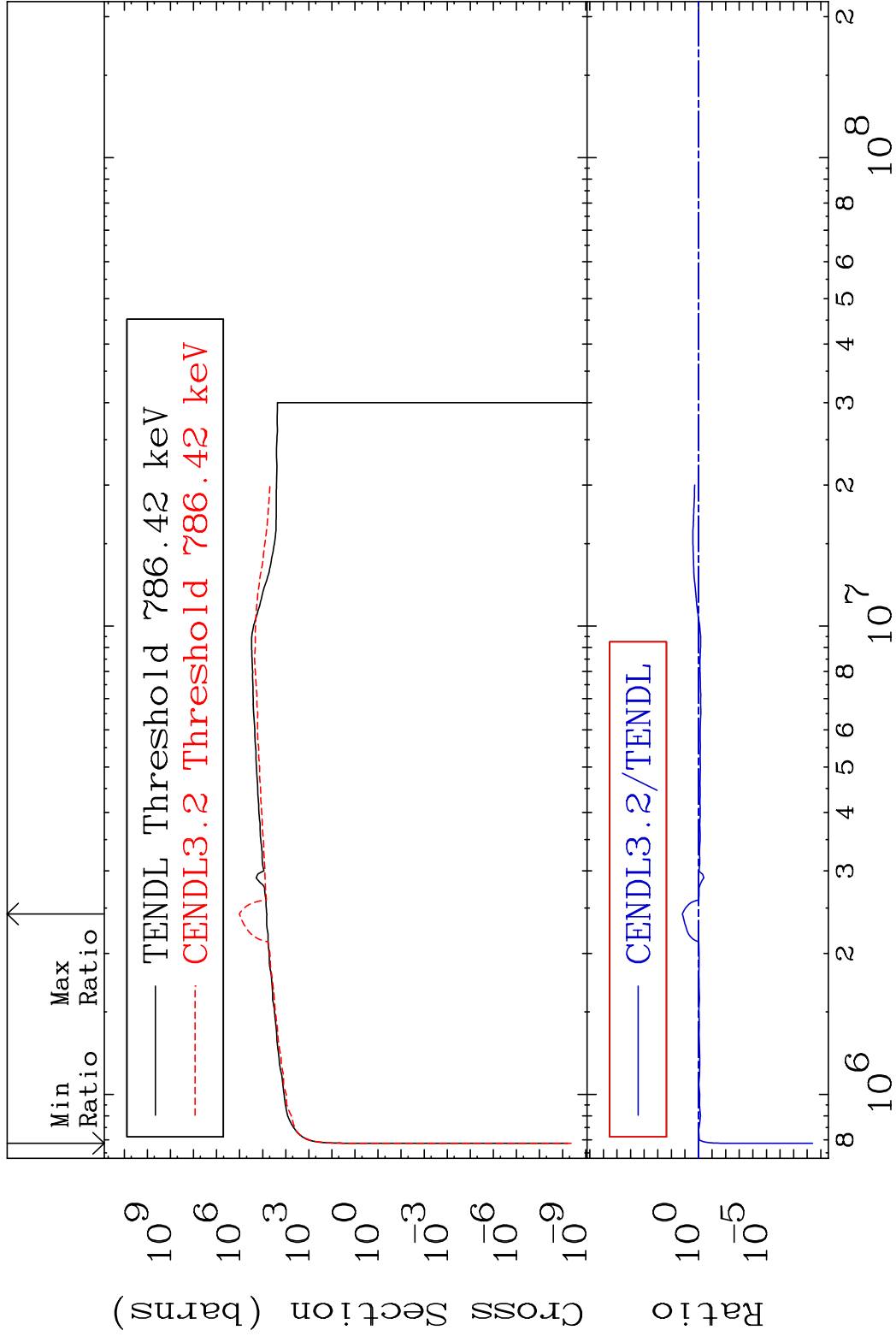
29

Incident Energy (eV)

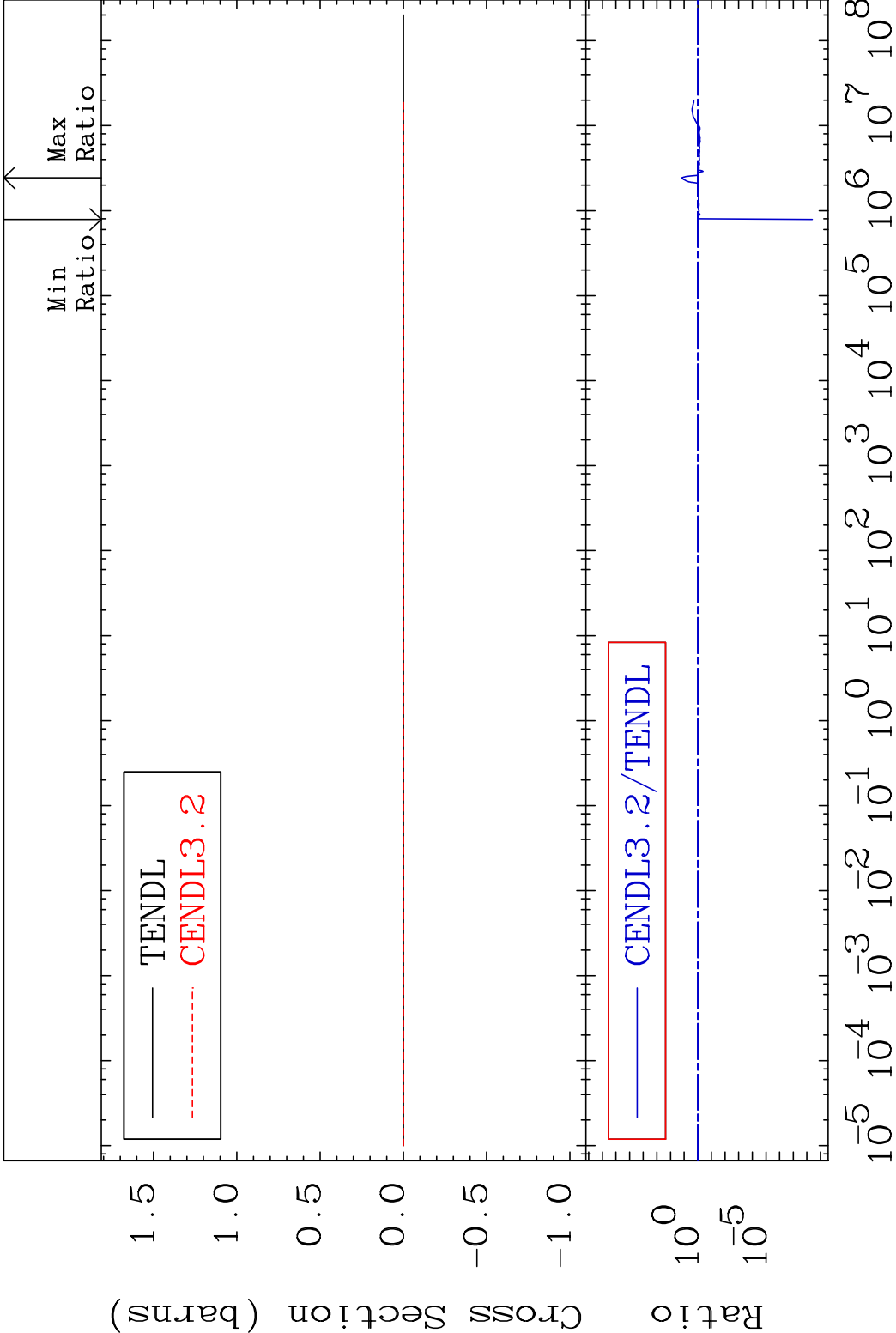
42-Mo-96

MAT 4237 Kerma non-elastic (all but mt2) 42-Mo-96
 Cross Section -99.54 To 9999. %

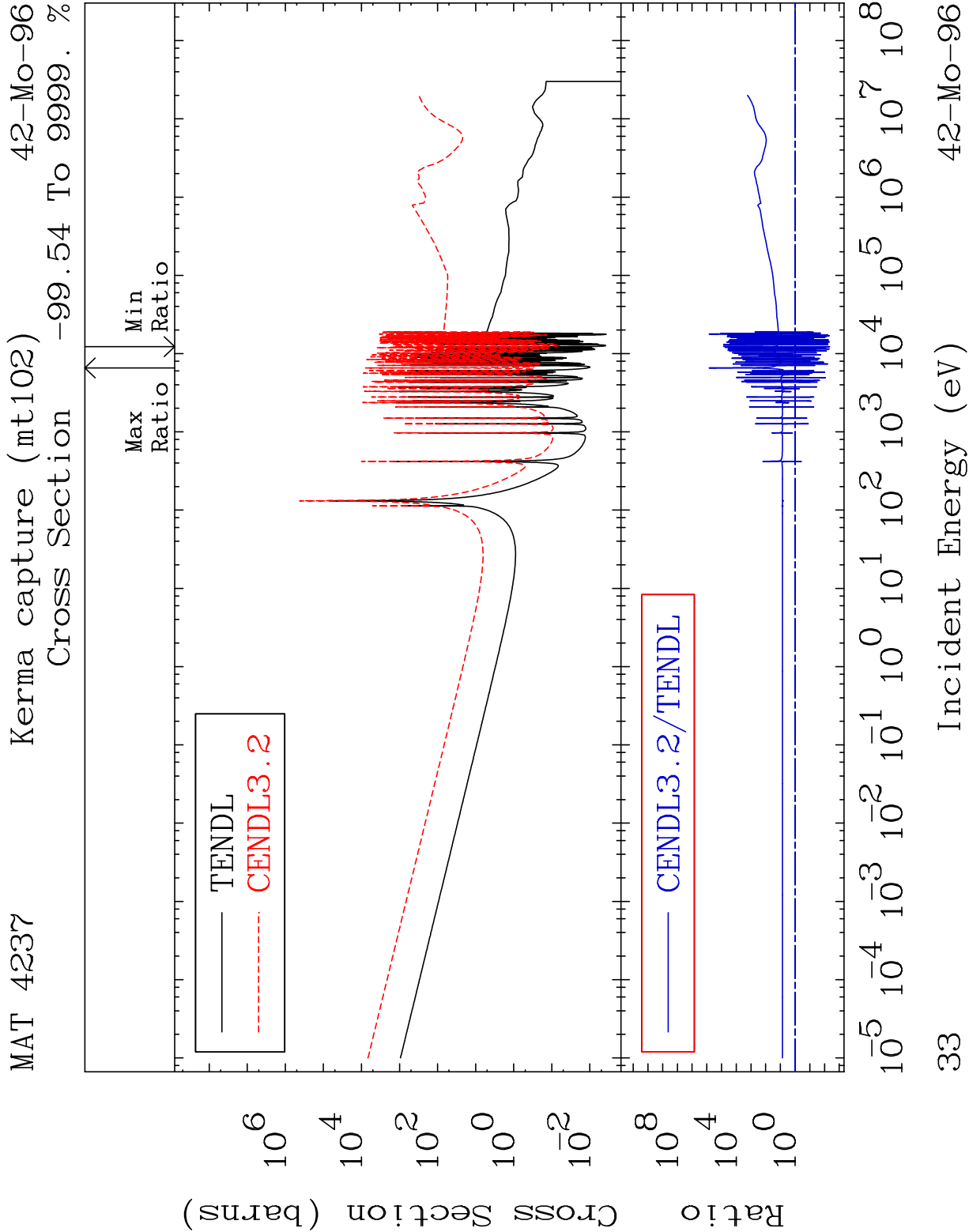


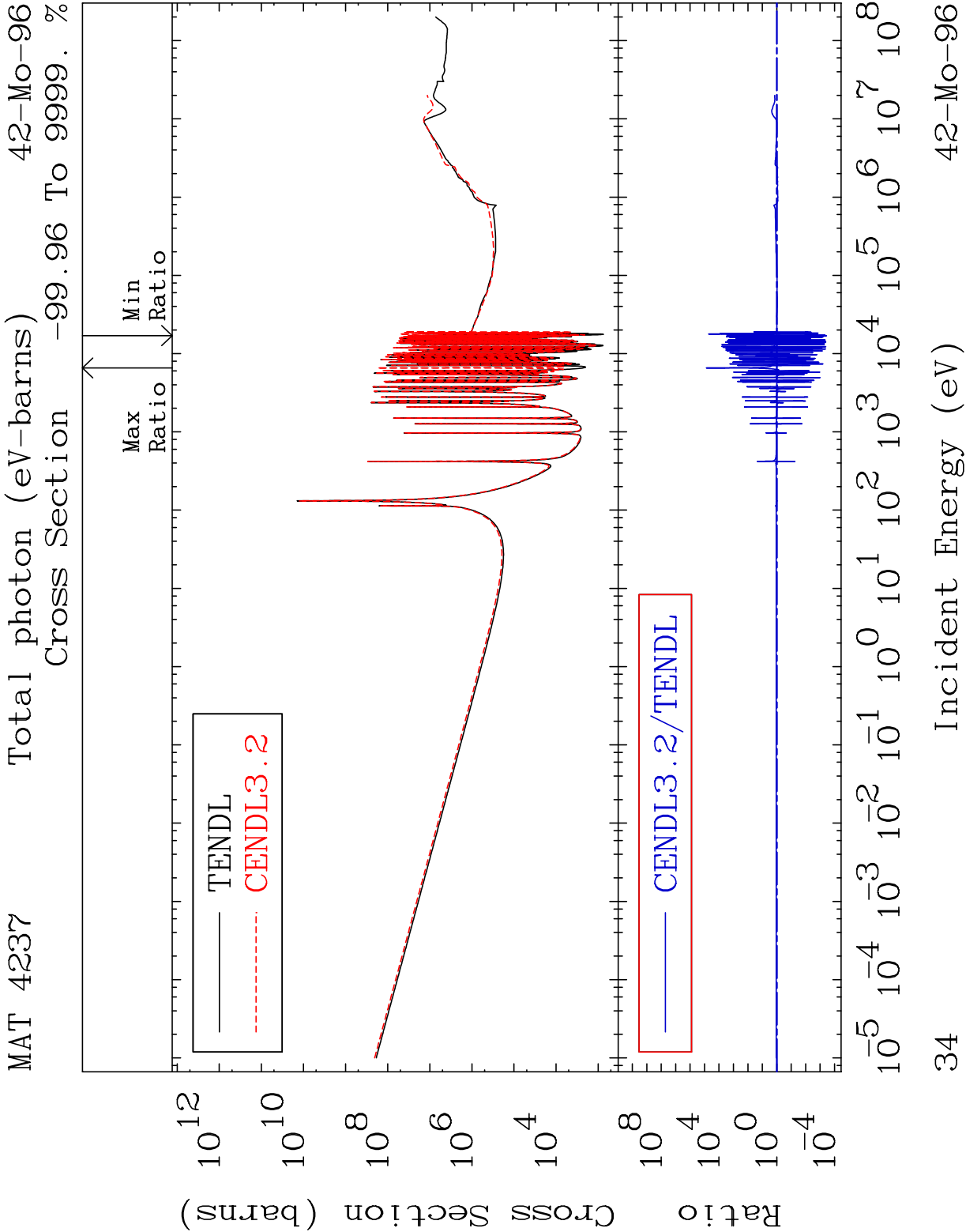


MAT 4237 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-96
Cross Section -100.0 To 1448. %



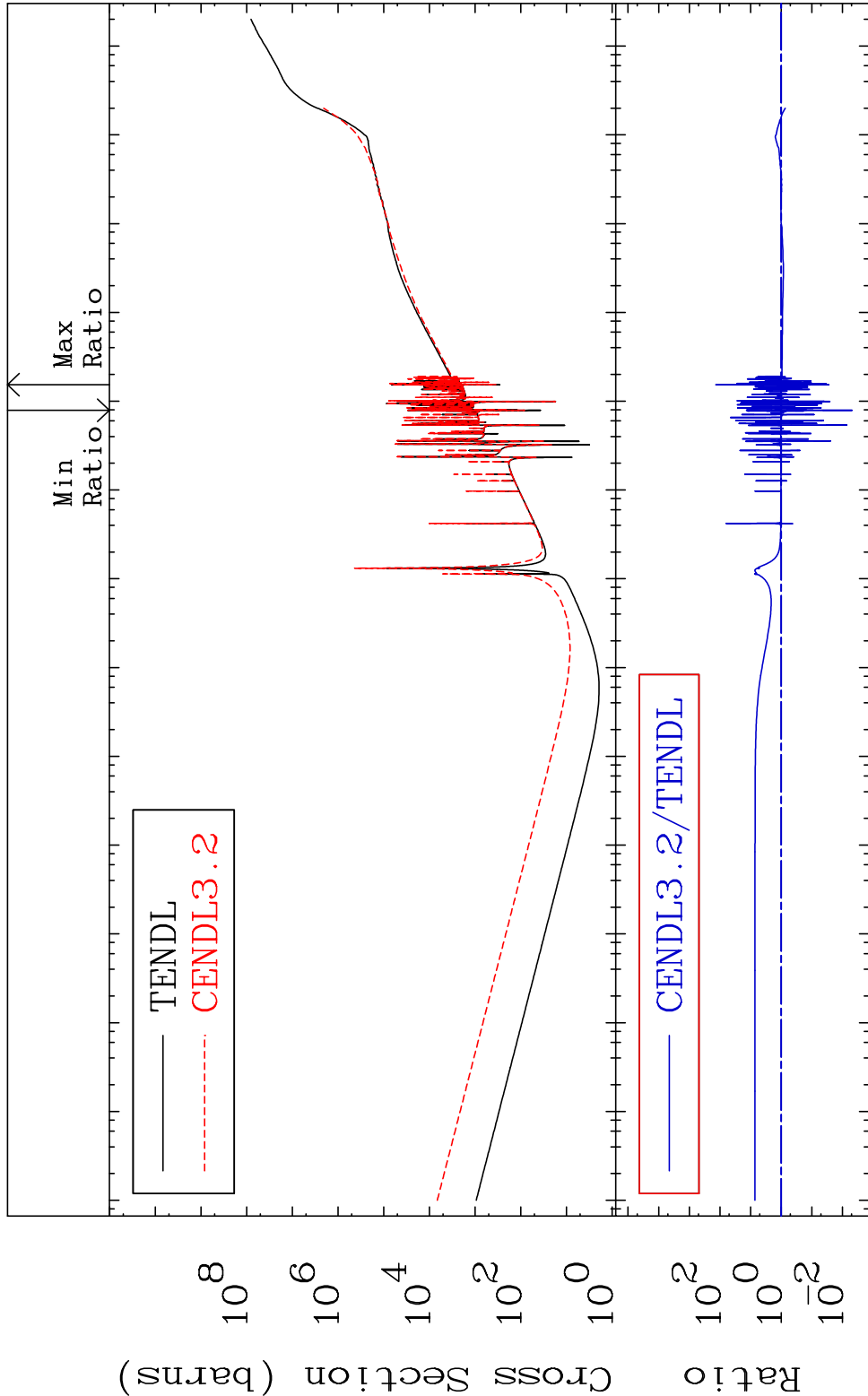
32 Incident Energy (eV) 42-Mo-96





MAT 4237 Total kinematic kerma (high limit) 42-Mo-96

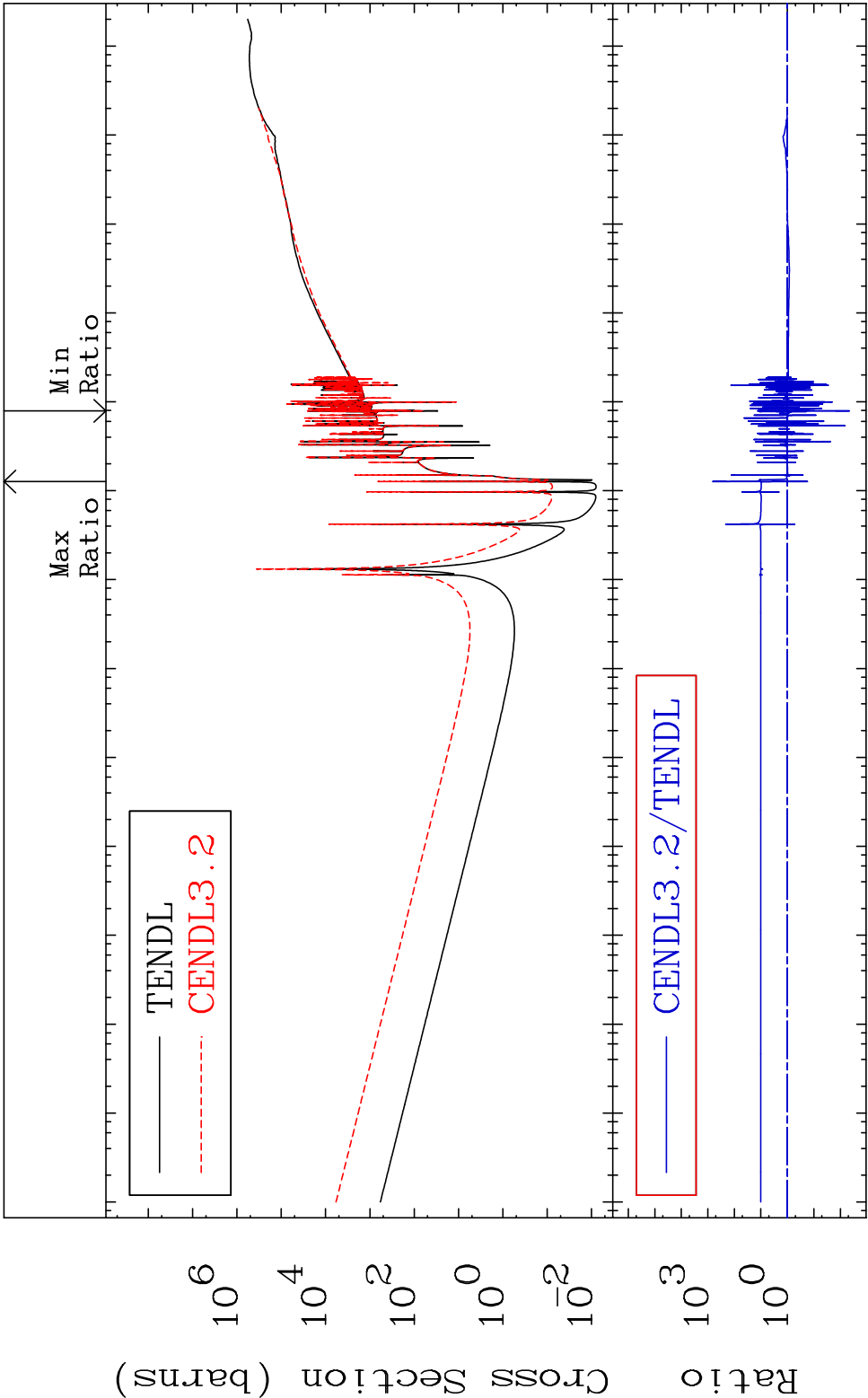
Cross Section -99.52 To 9999. %



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

35 Incident Energy (eV) 42-Mo-96

MAT 4237 Dpa total (eV-barns) 42-Mo-96
 Cross Section -99.55 To 9999. %



36 Incident Energy (eV) 42-Mo-96

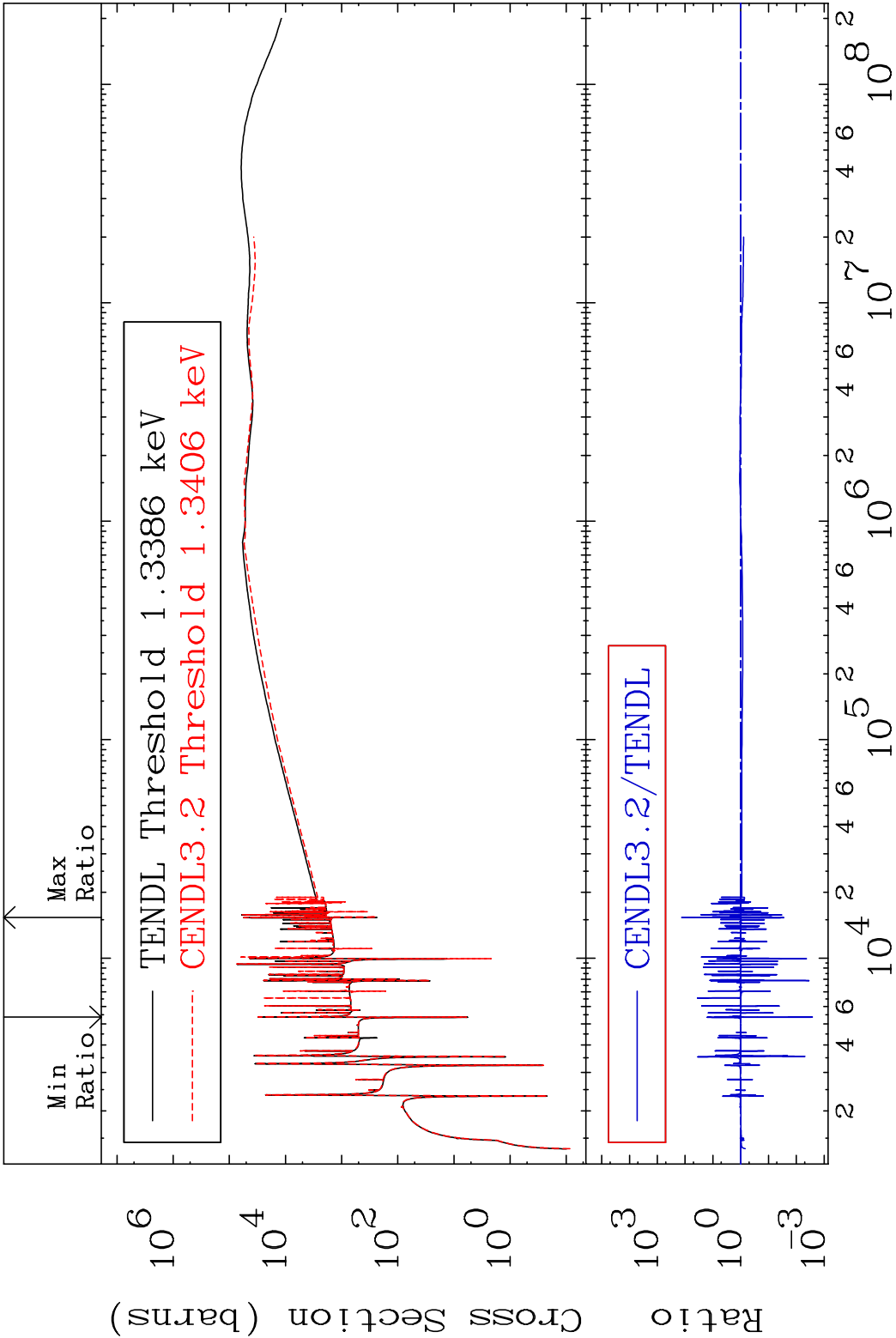
MAT 4237

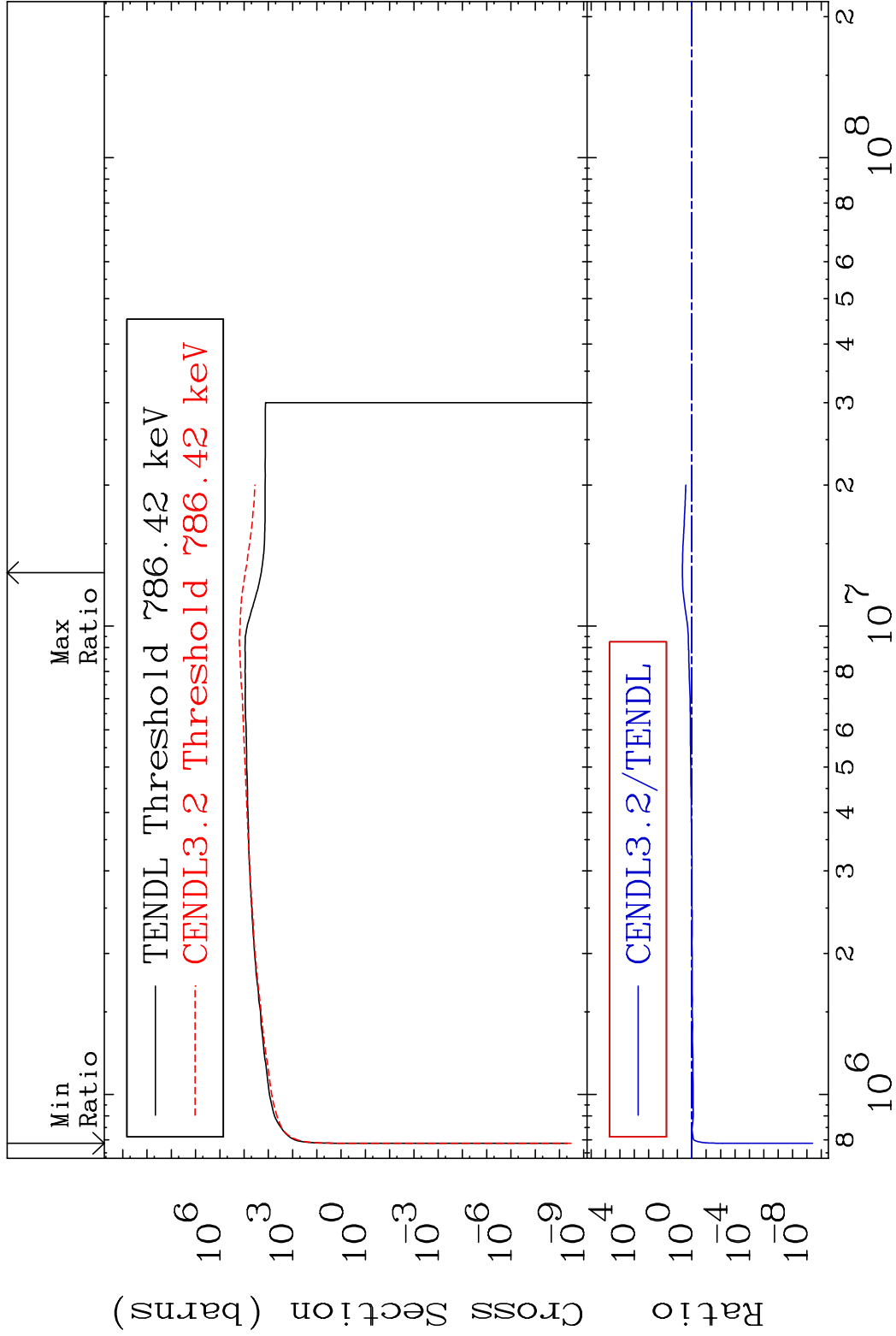
Dpa elastic (mt2)

42-Mo-96

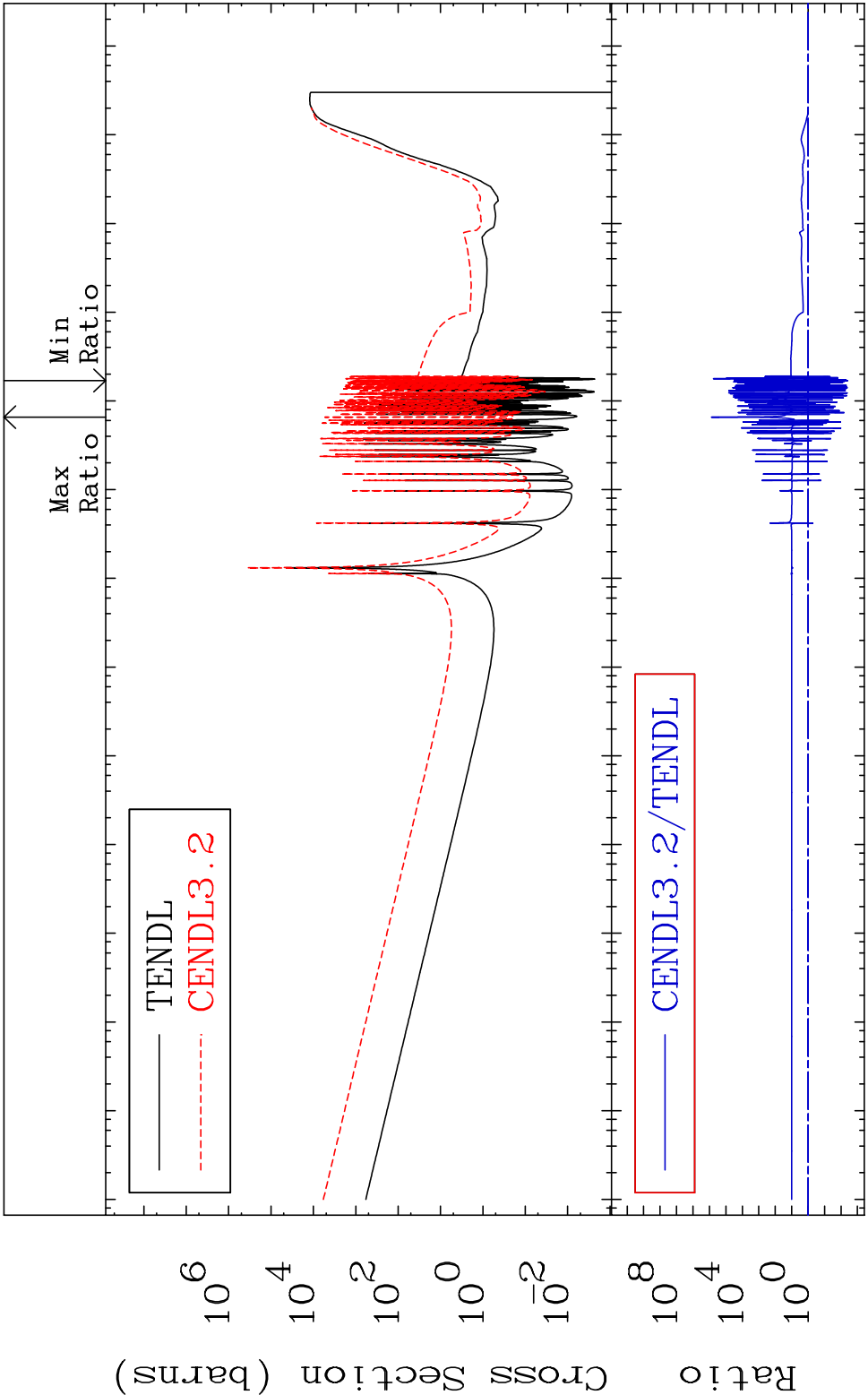
Cross Section

-99.73 To 9999. %

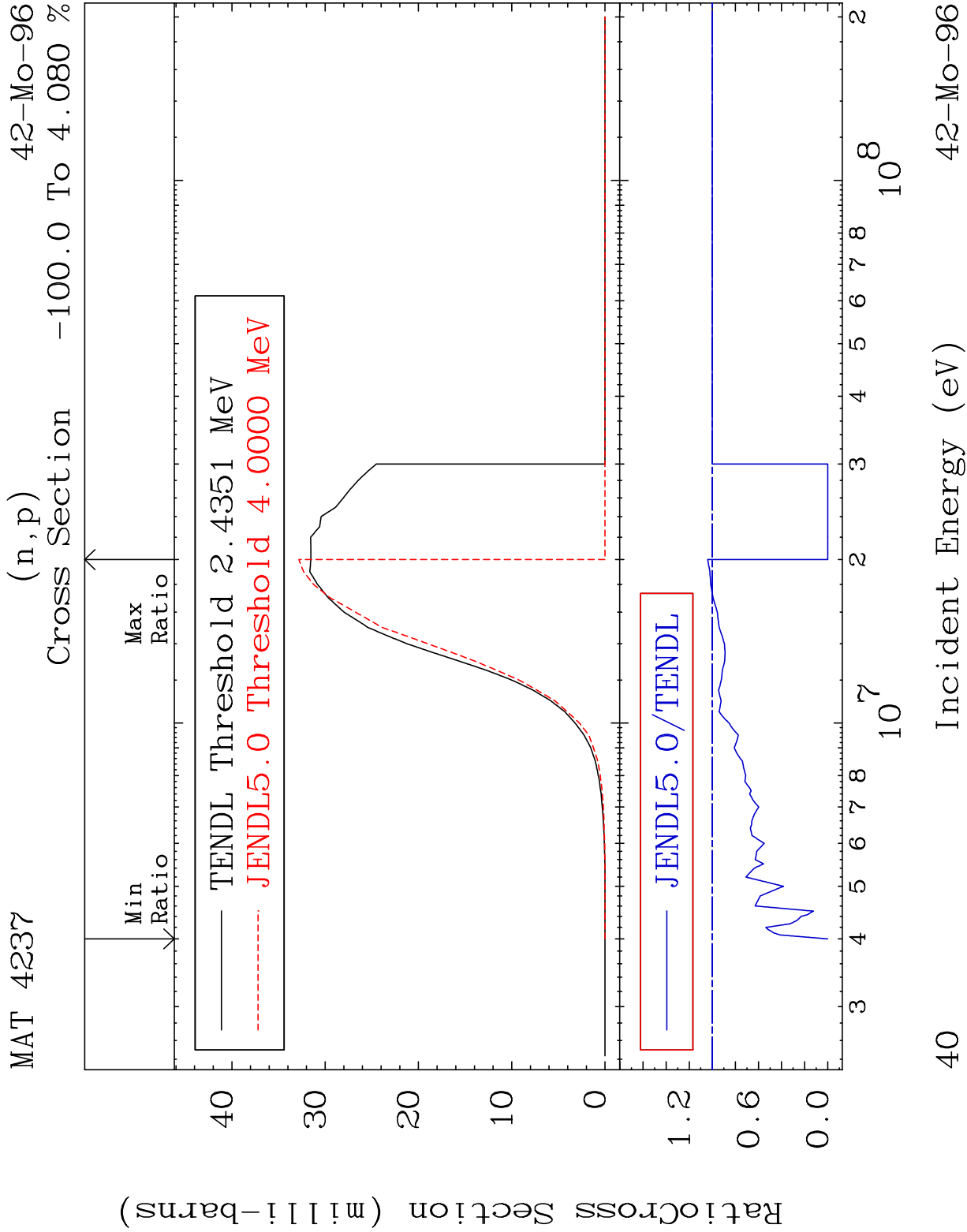


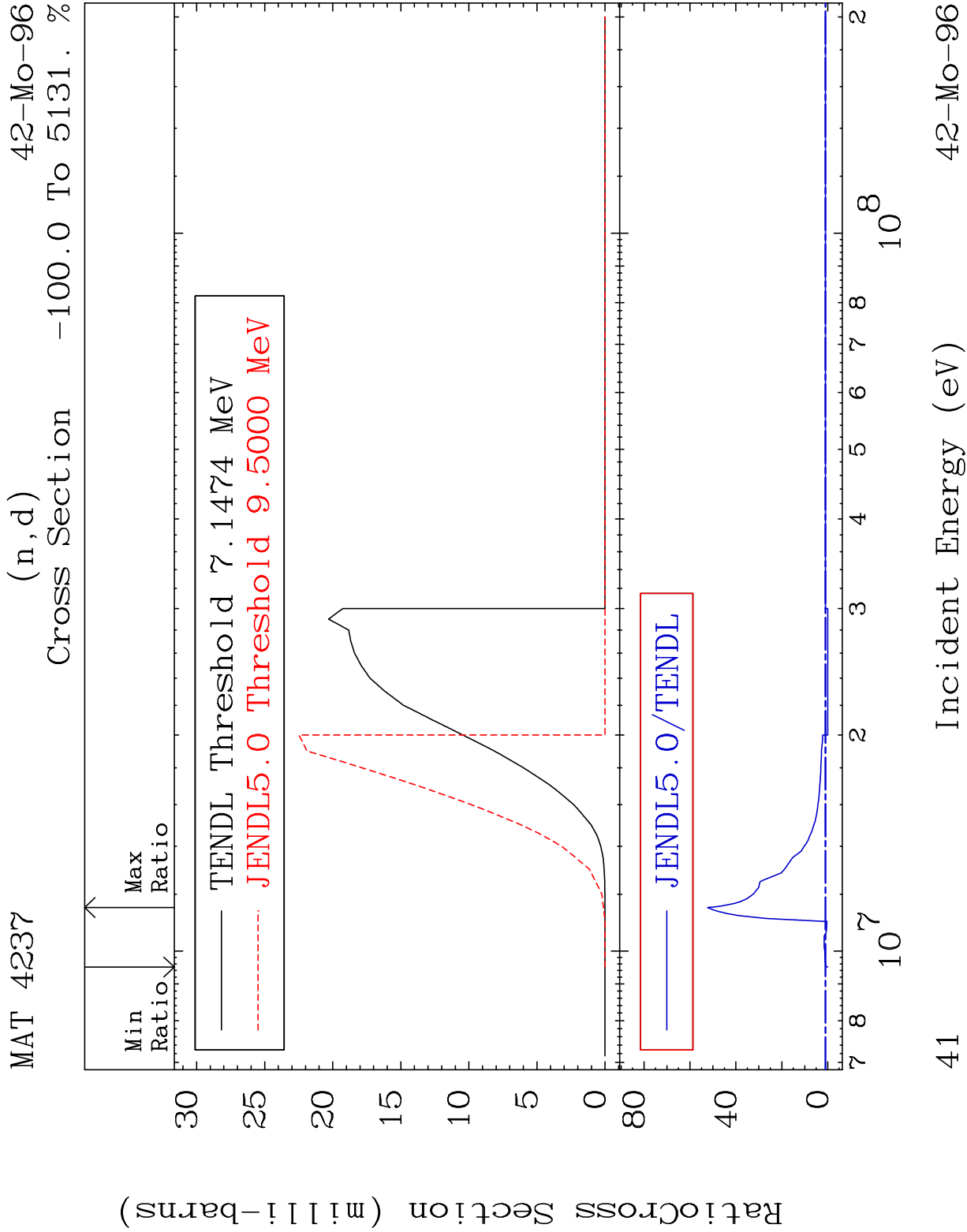


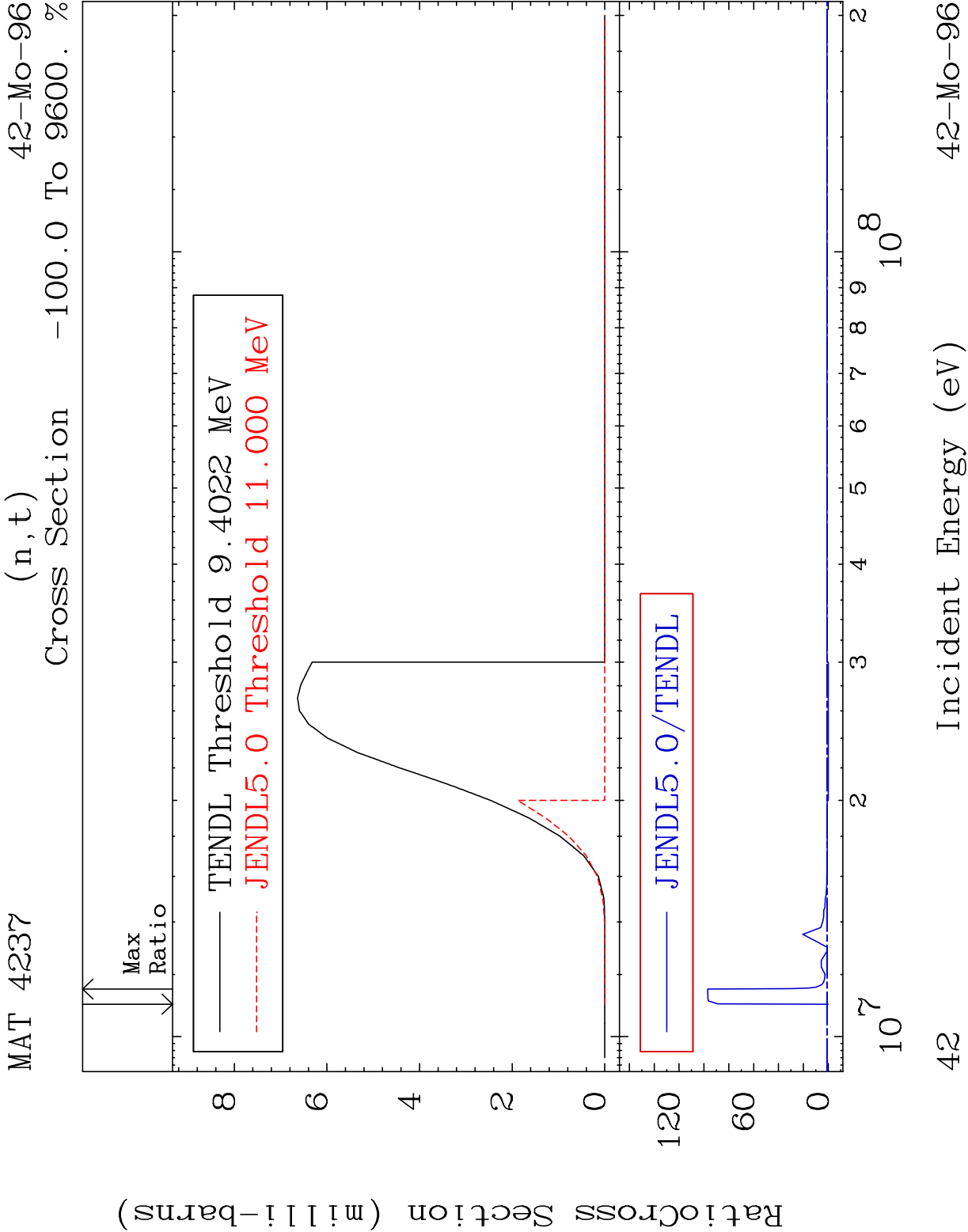
MAT 4237 Dpa disappearance (mt102 -120) 42-Mo-96
 Cross Section -99.61 To 9999. %

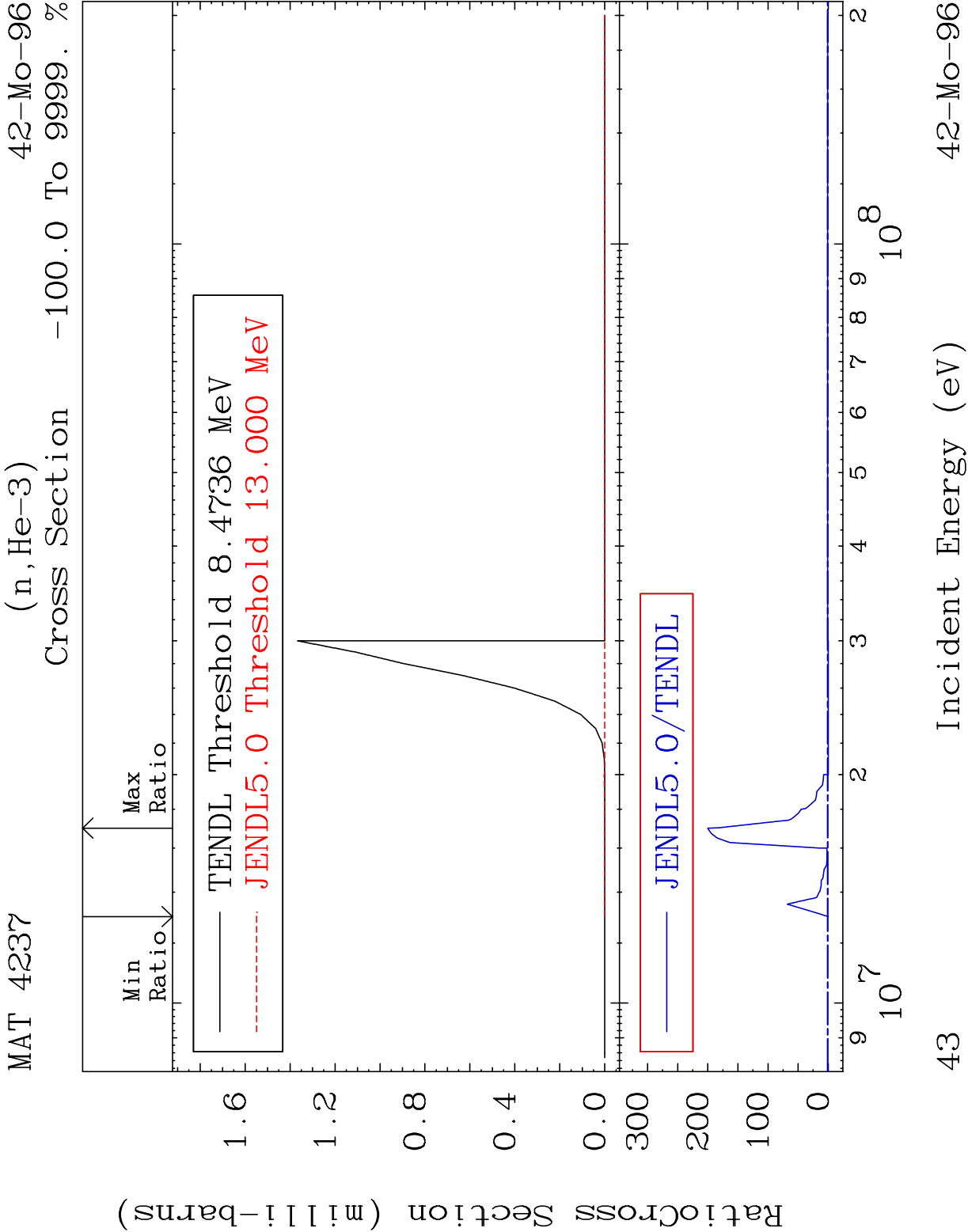


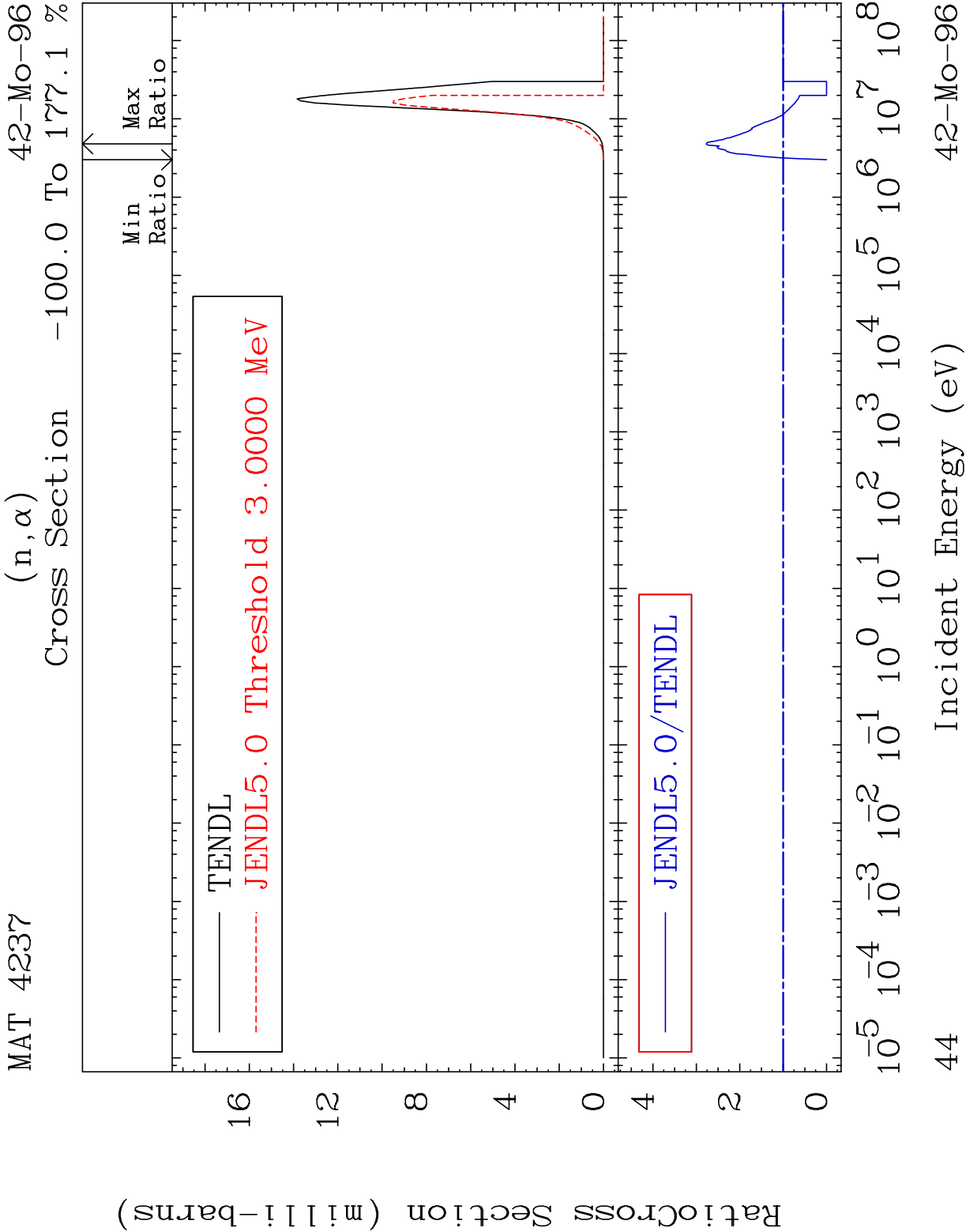
39 Incident Energy (eV) 42-Mo-96

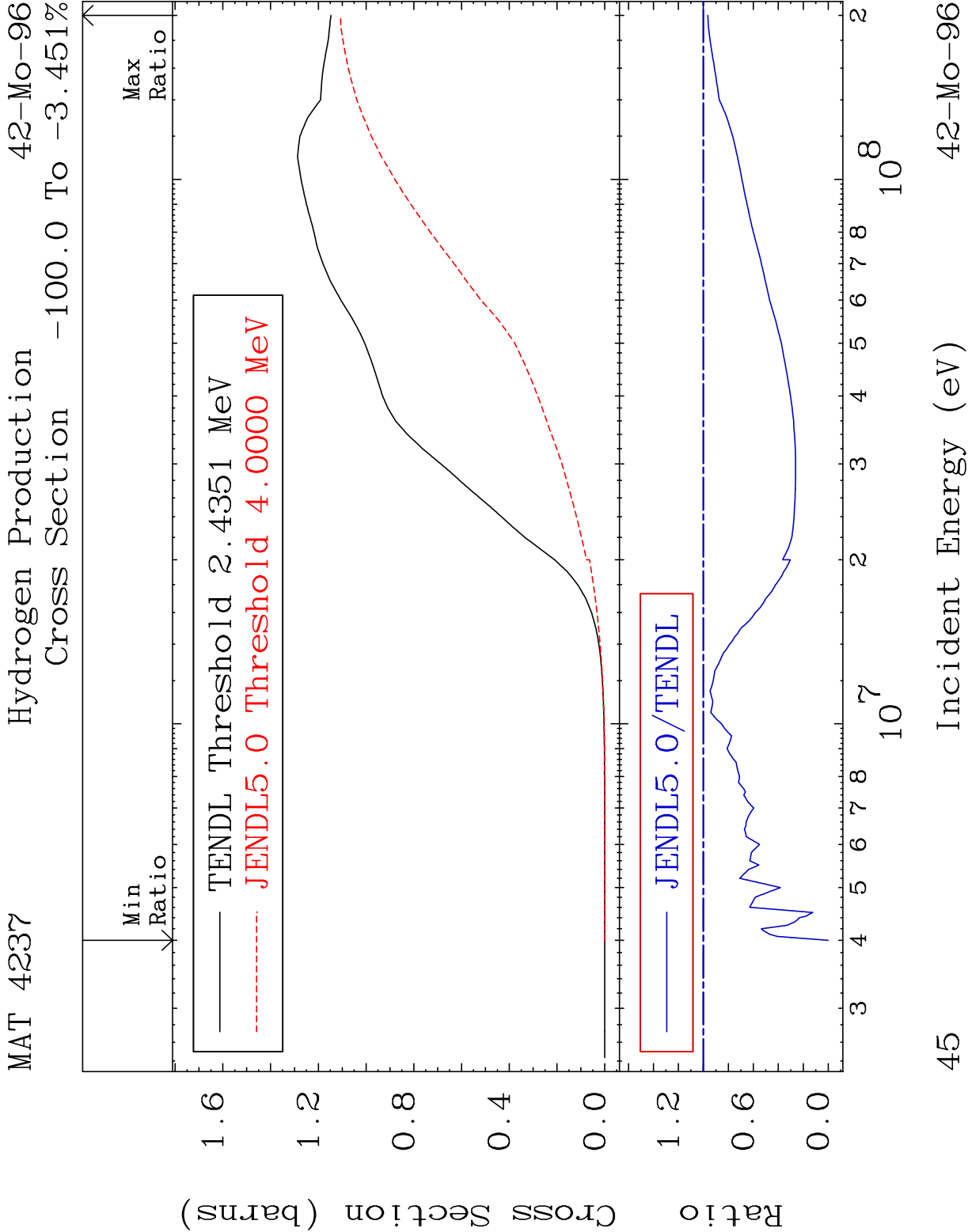


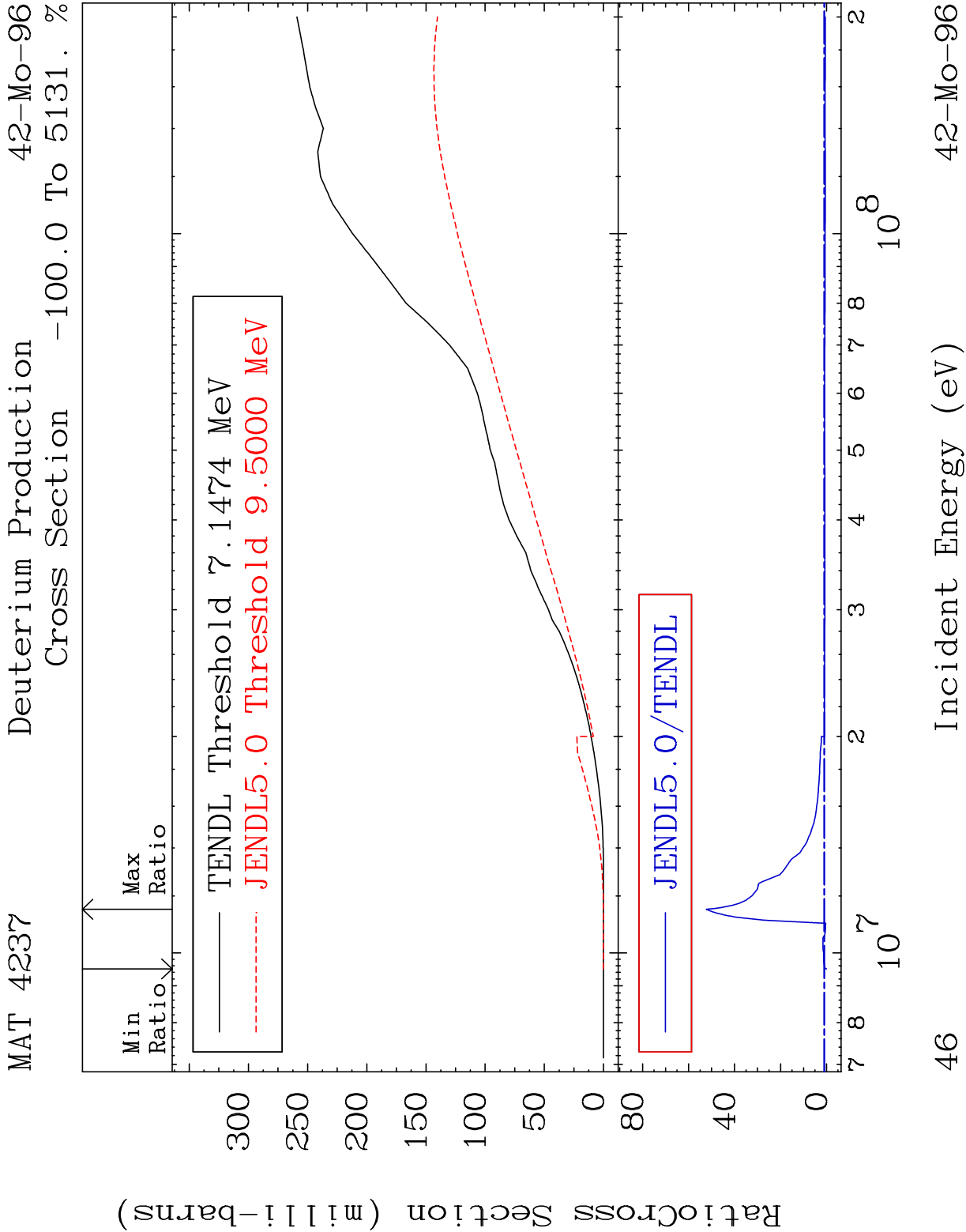




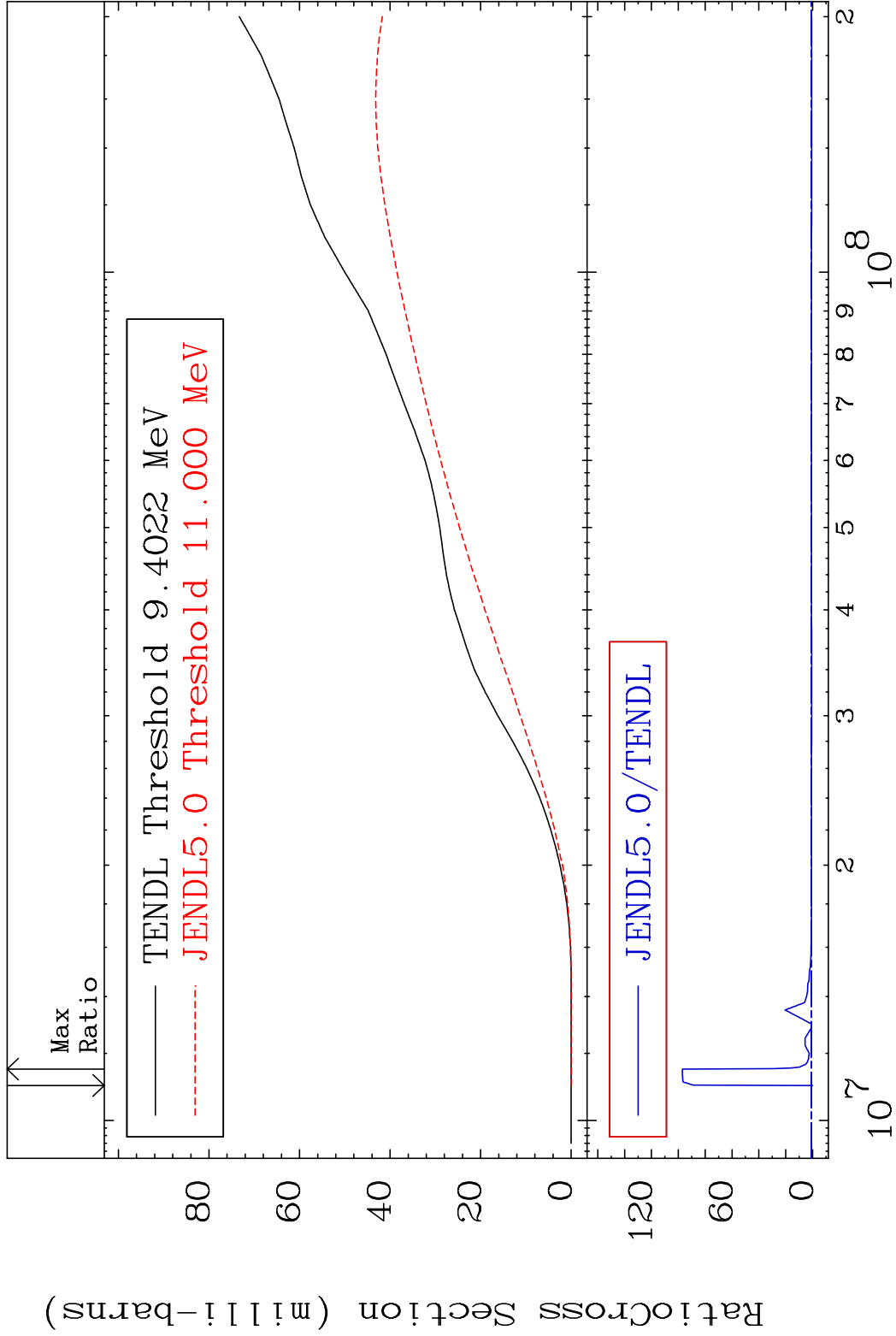




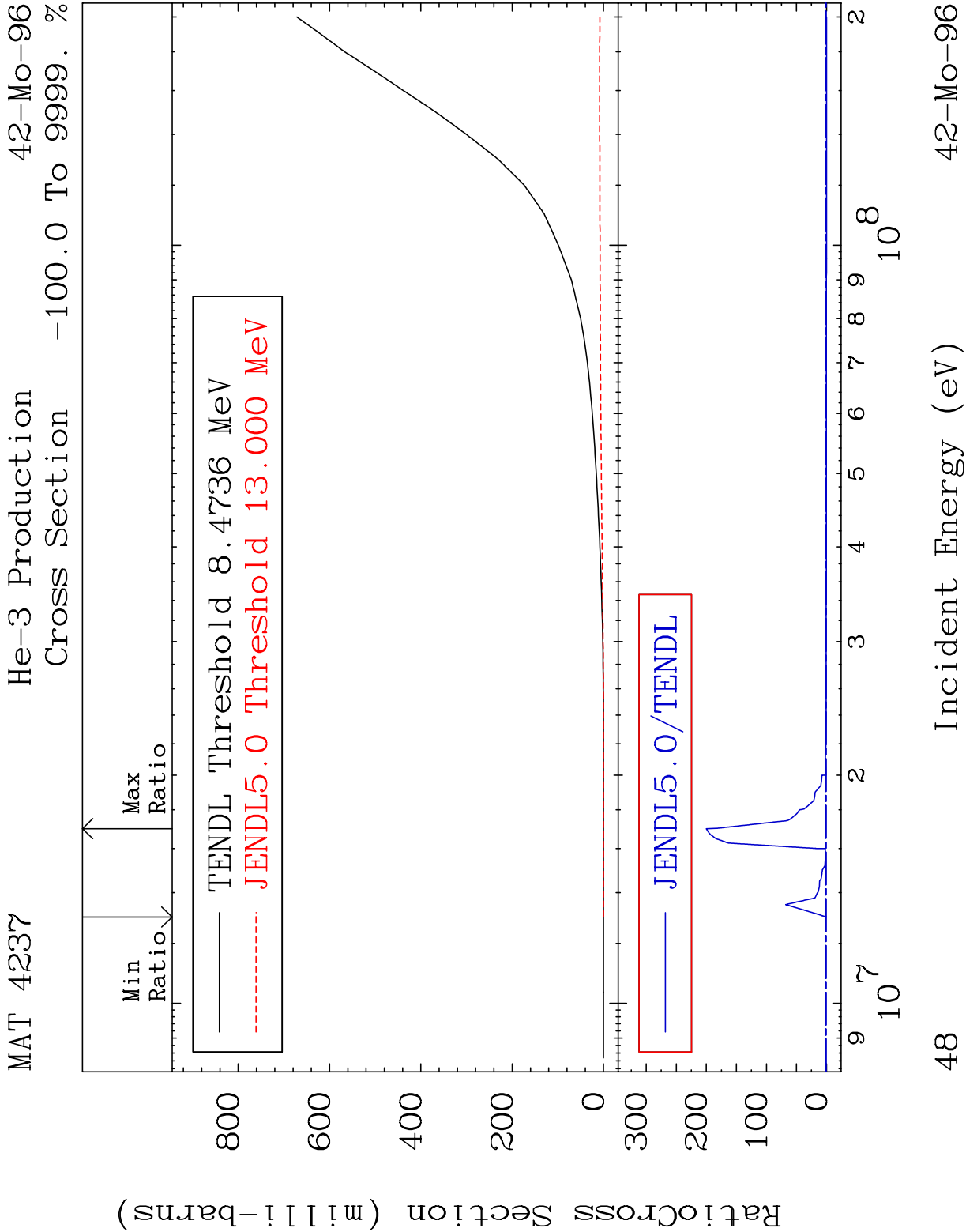


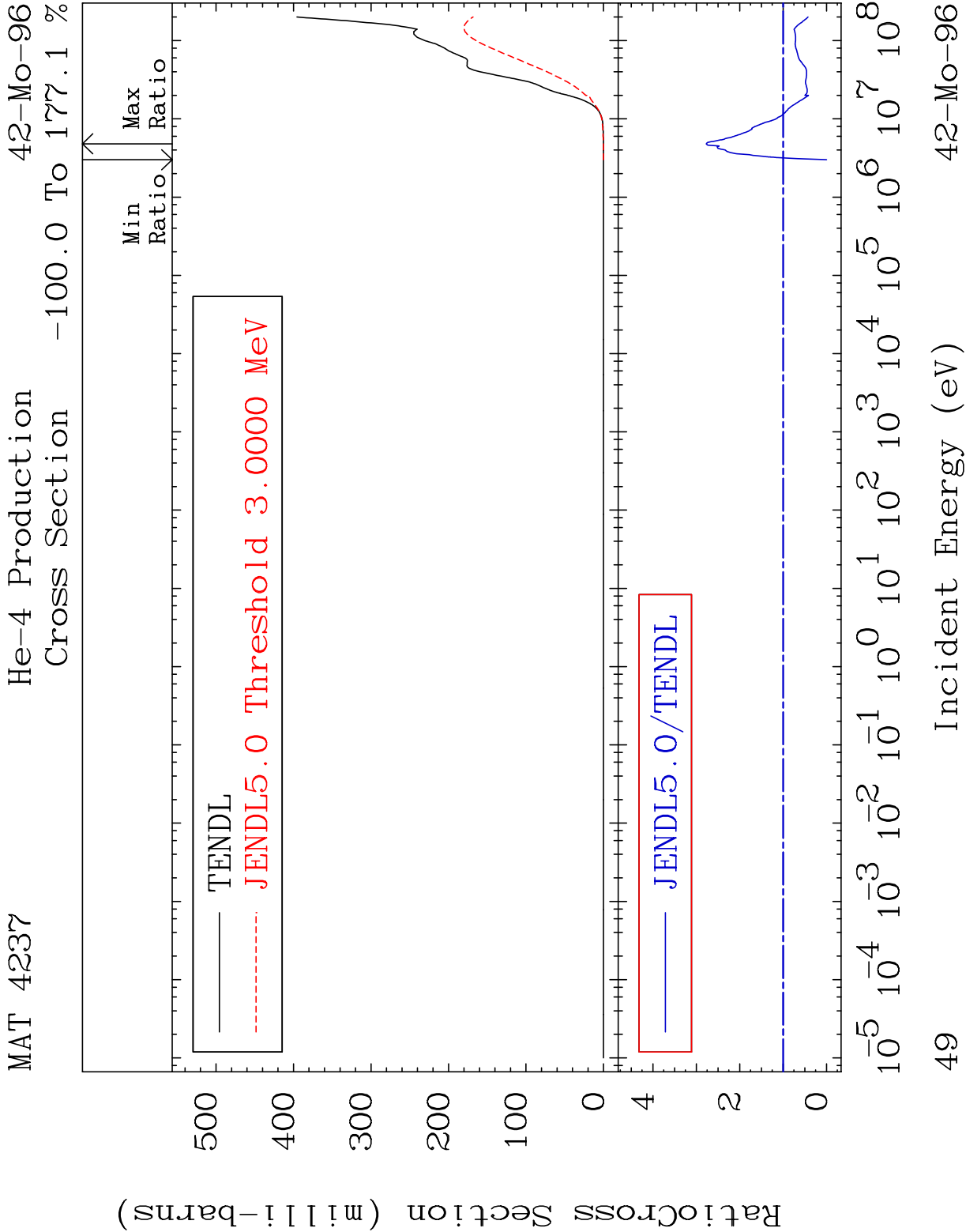


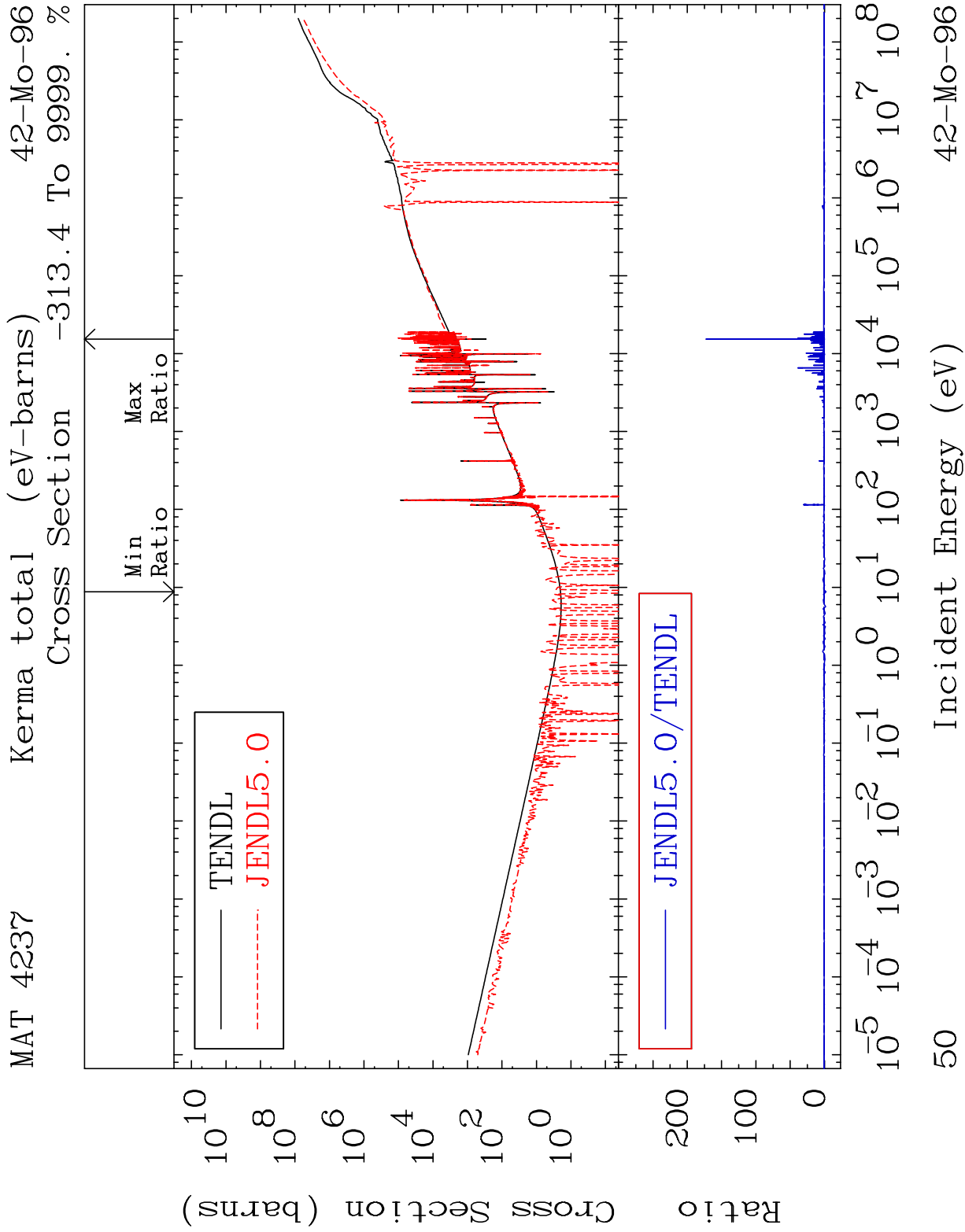
MAT 4237 Tritium Production 42-Mo-96
Cross Section -100.0 To 9600. %

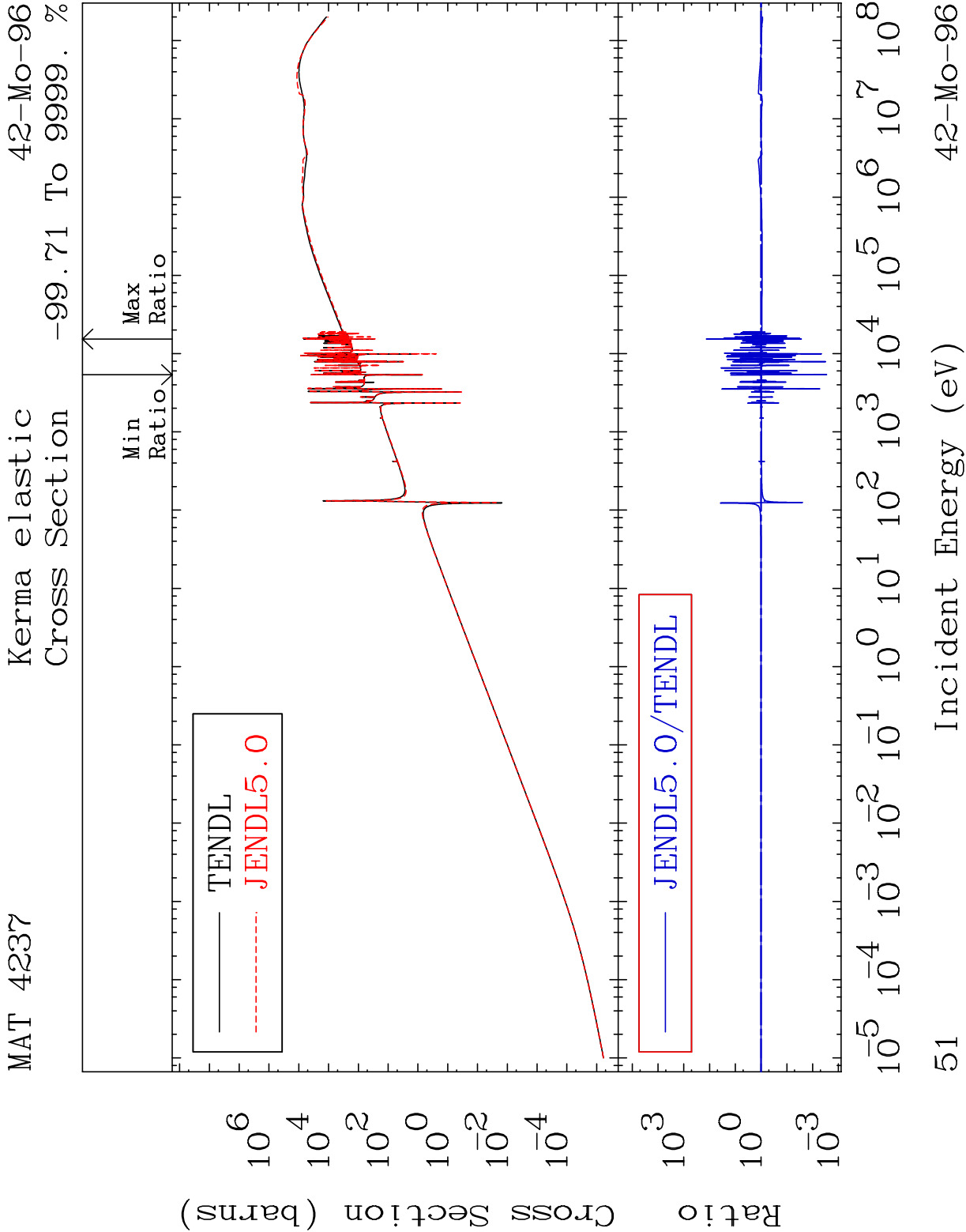


47 Incident Energy (eV) 42-Mo-96

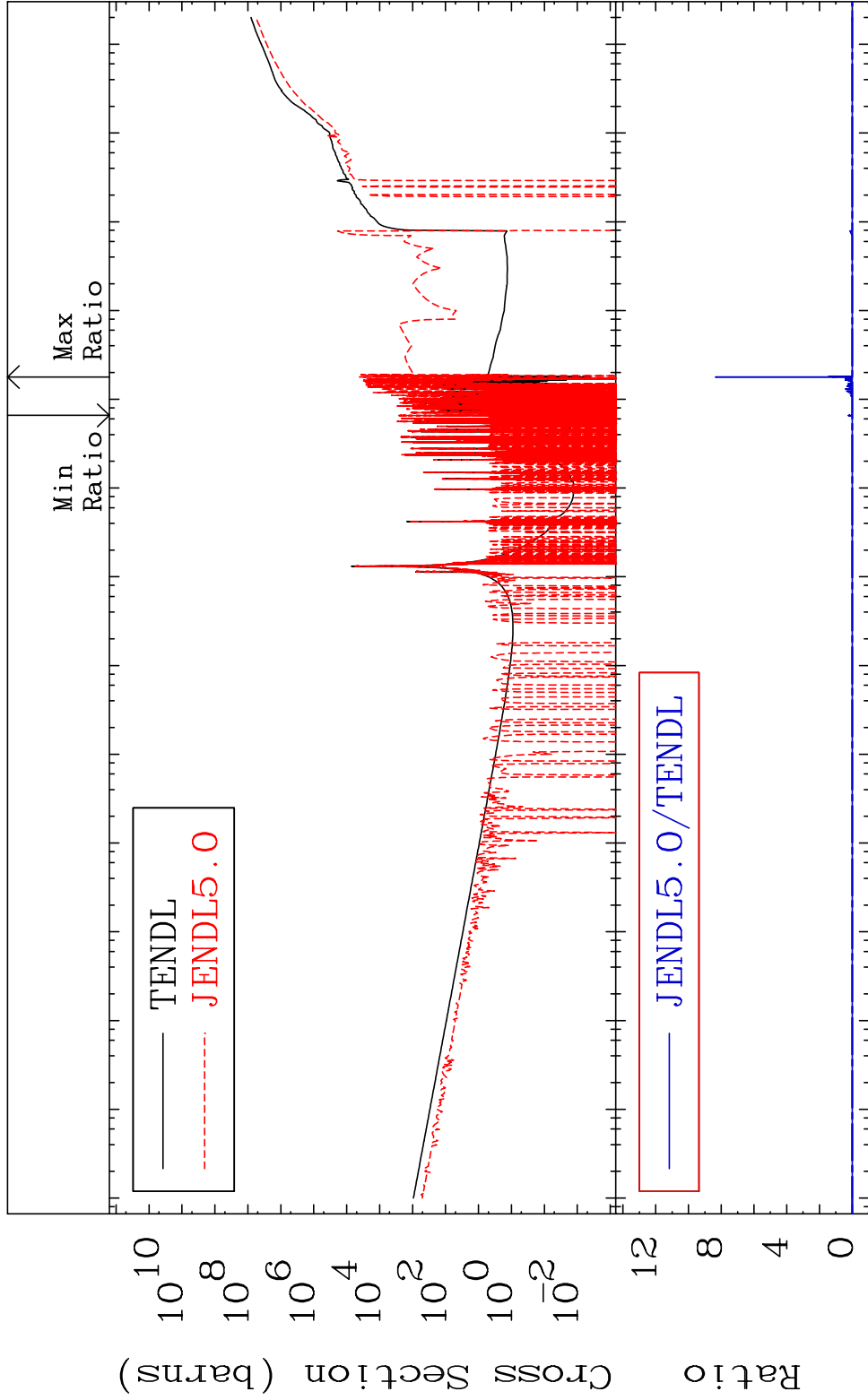




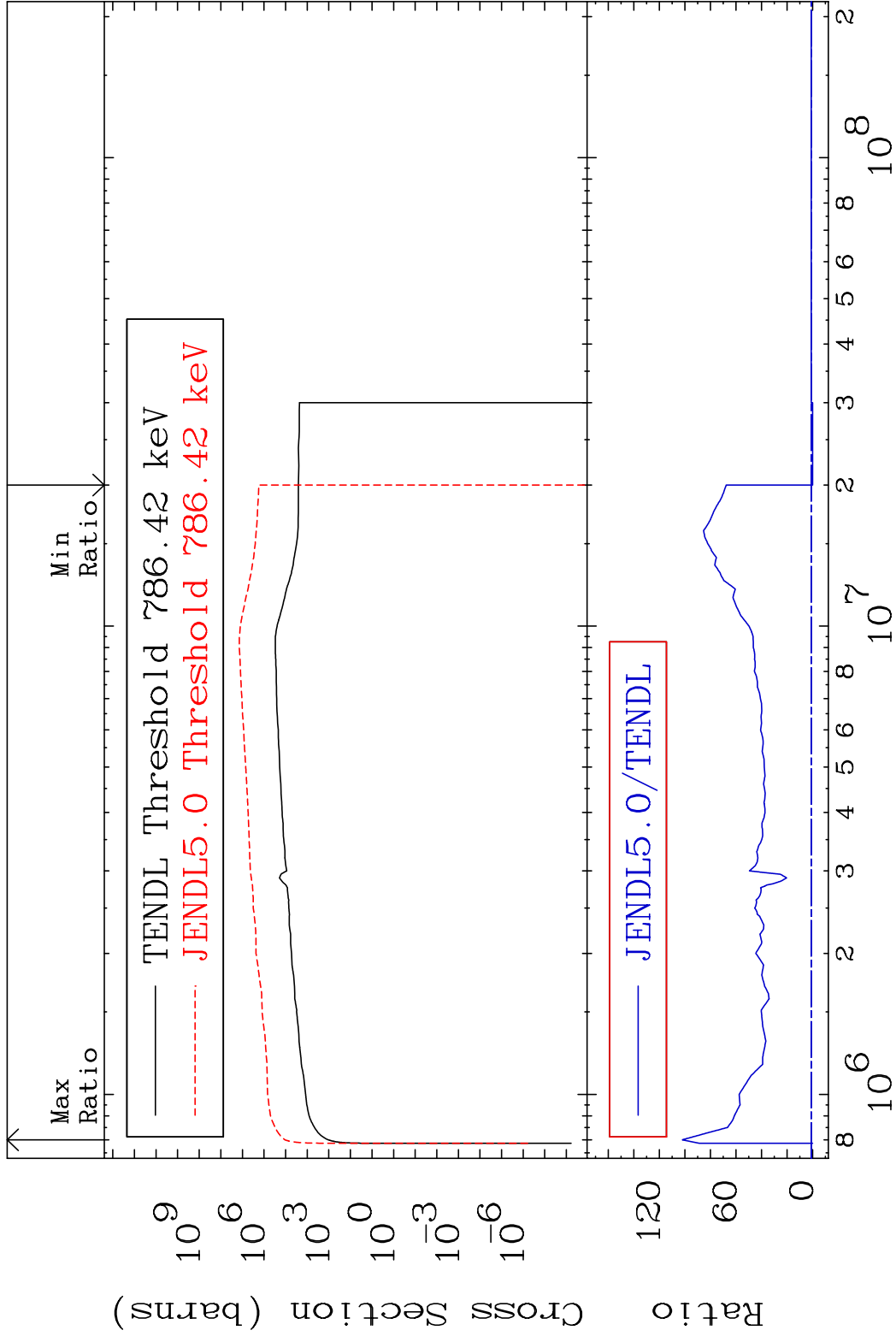


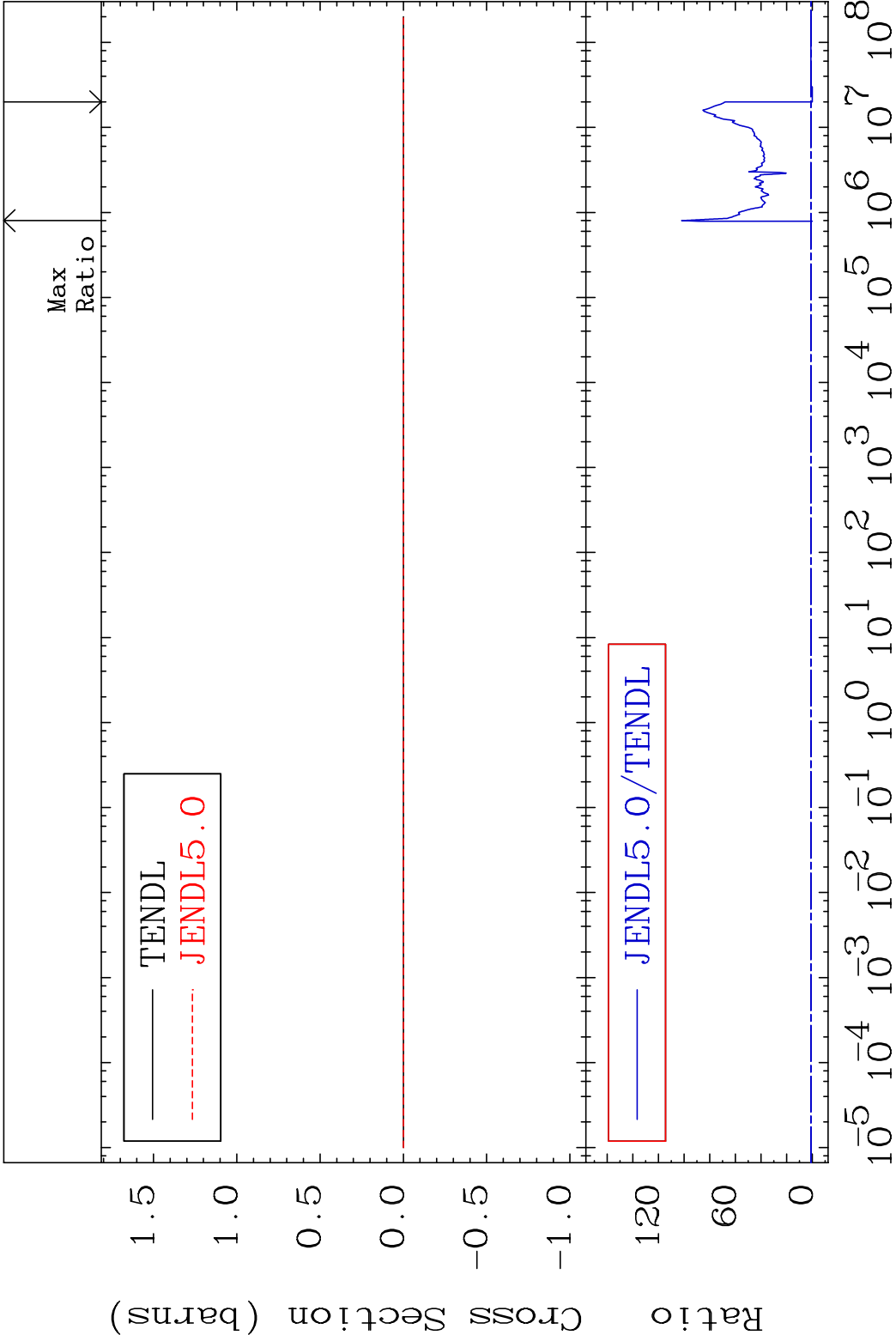


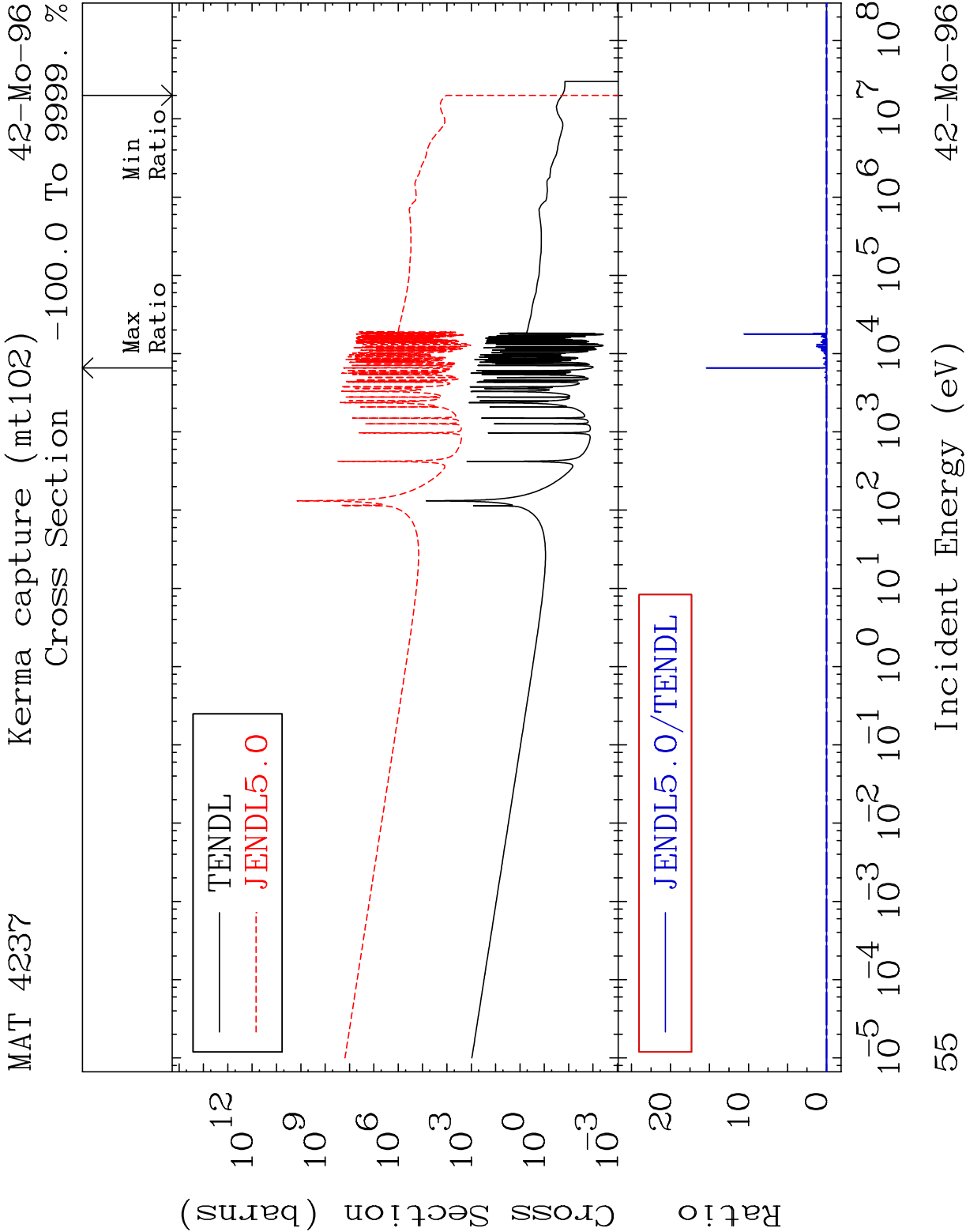
MAT 4237 Kerma non-elastic (all but mt2) 42-Mo-96
Cross Section -9999. To 9999. %

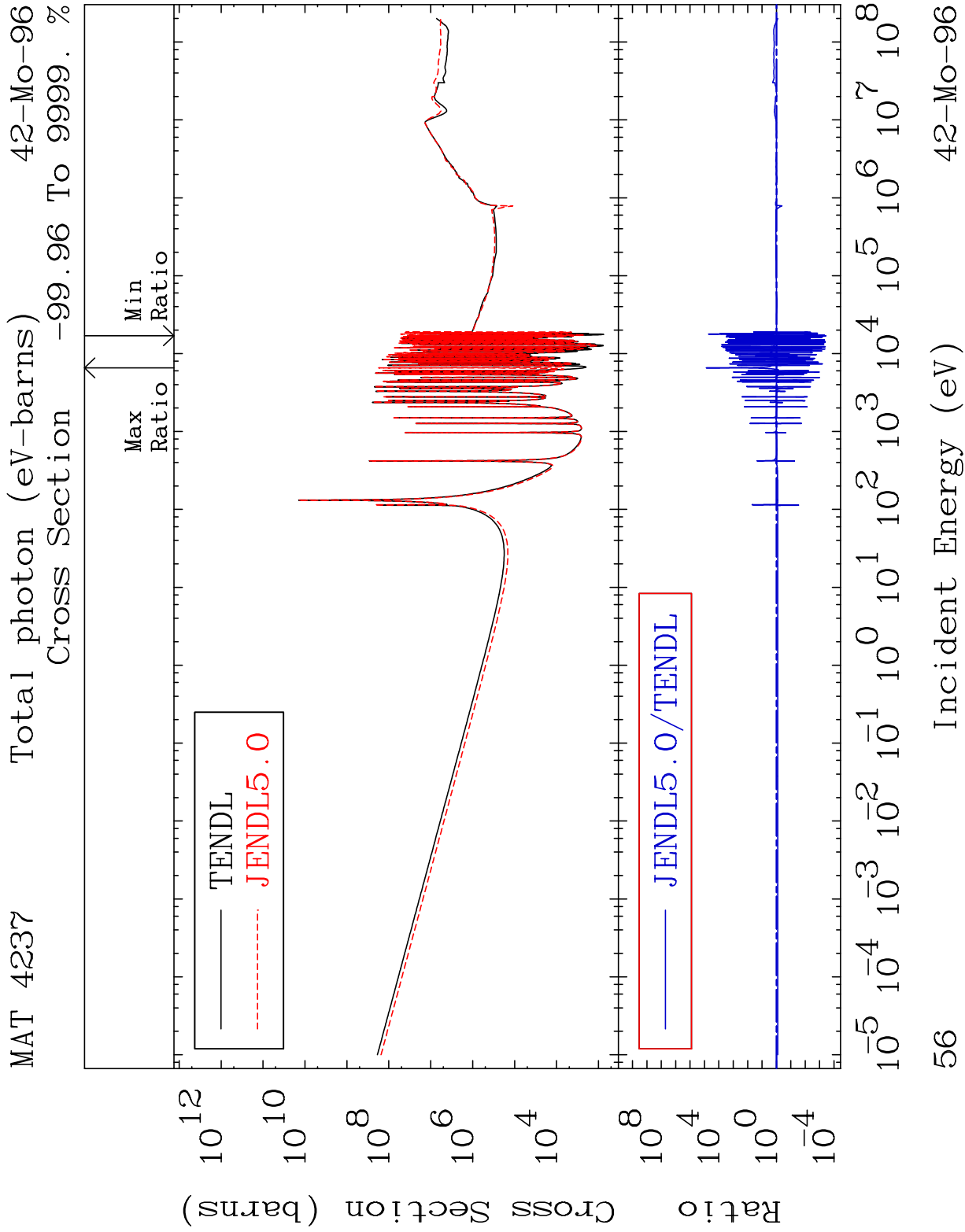


52 Incident Energy (eV) 42-Mo-96

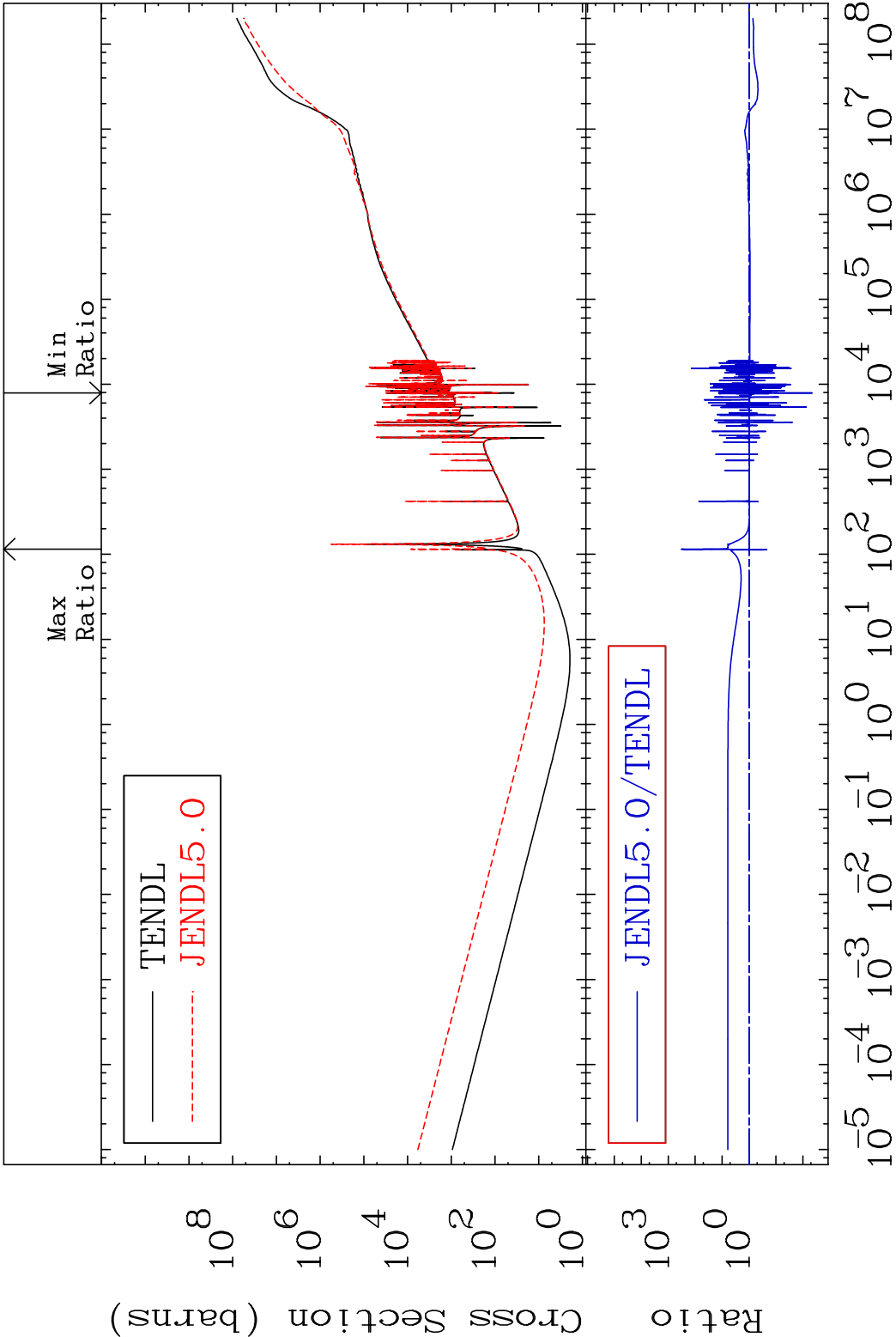




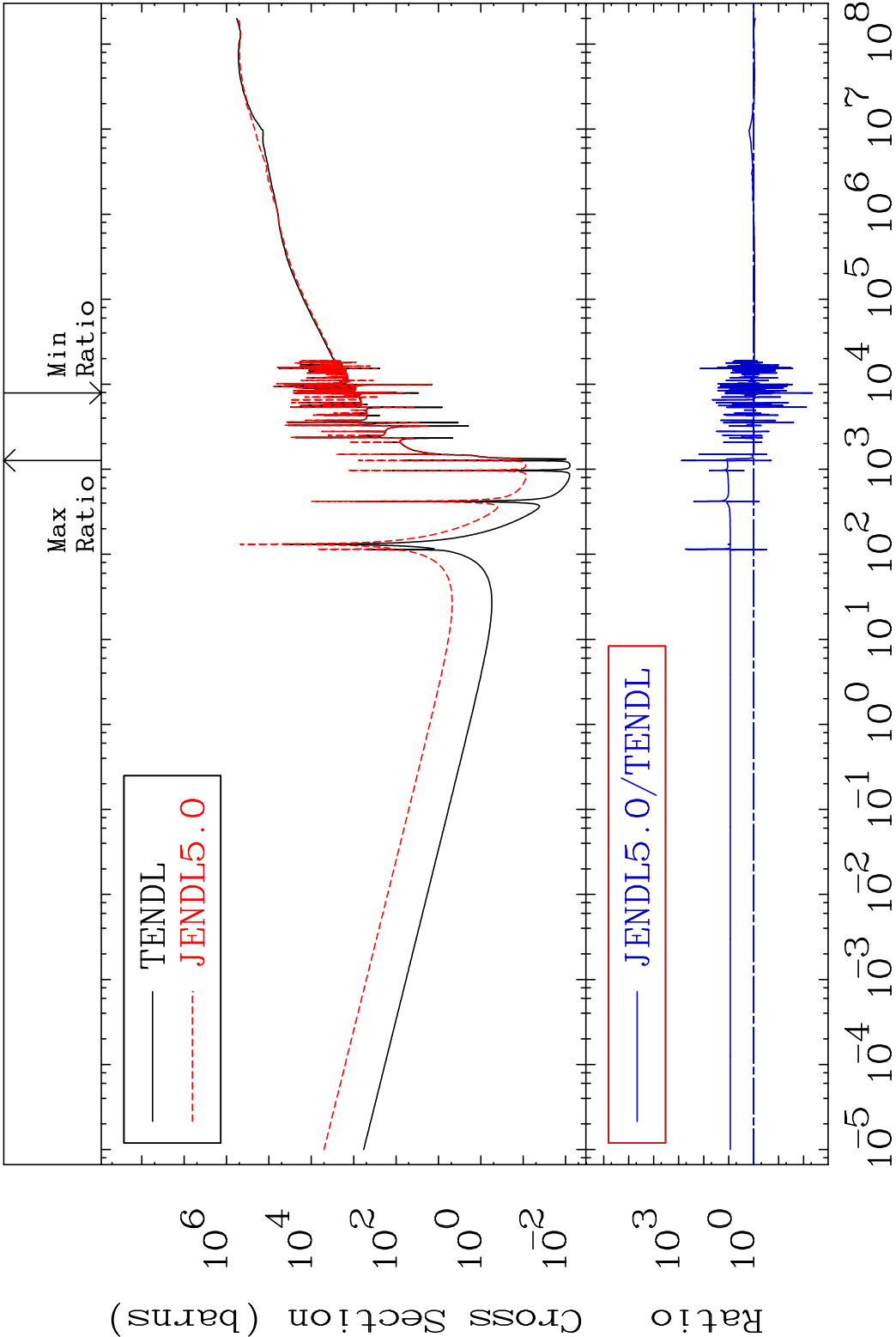




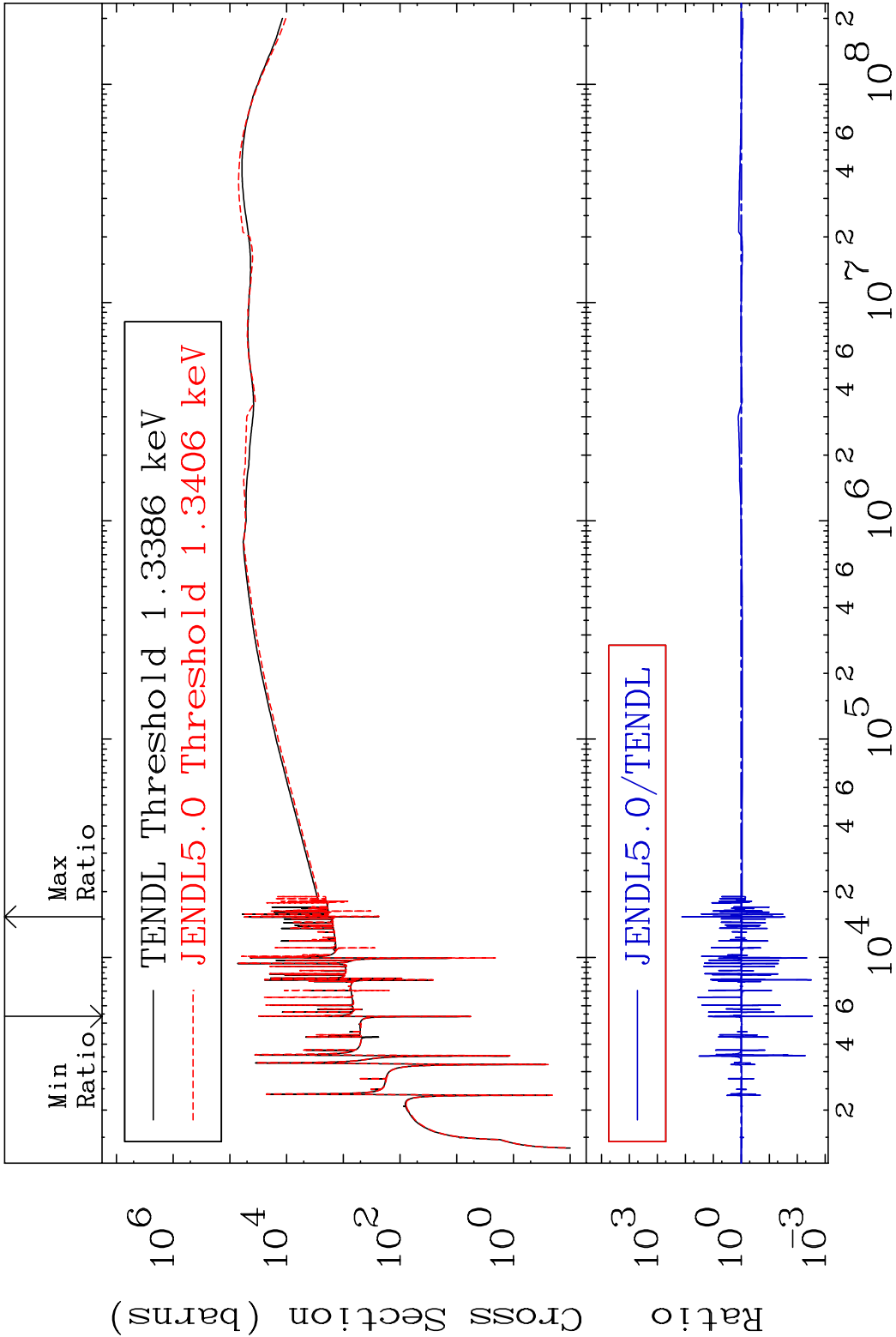
MAT 4237 Total kinematic kerma (high limit) 42-Mo-96
Cross Section -99.55 To 9999. %

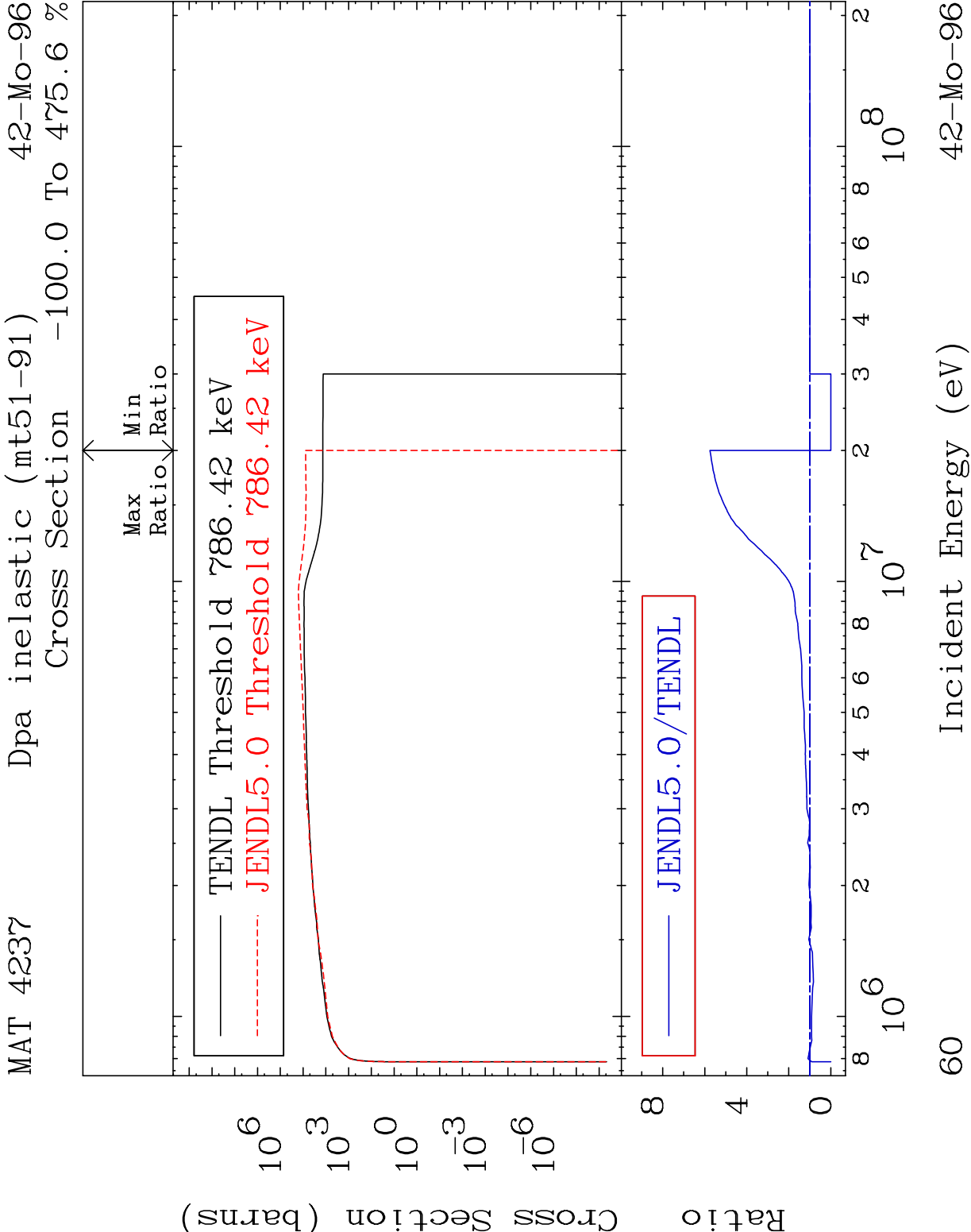


MAT 4237 Dpa total (eV-barns) 42-Mo-96
Cross Section -99.55 To 9999. %



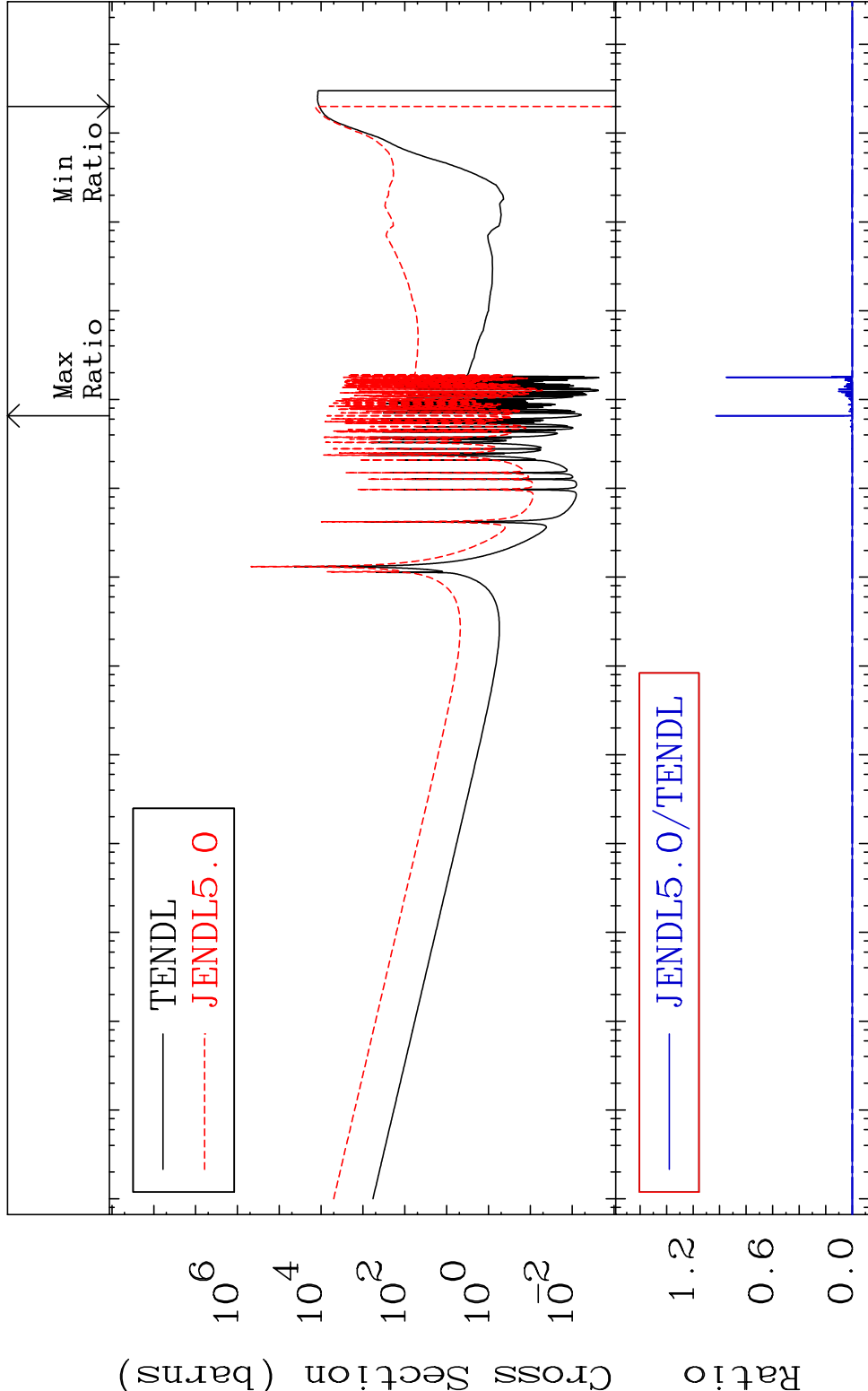
58 Incident Energy (eV) 42-Mo-96





MAT 4237 Dpa disappearance (mt102 -120) 42-Mo-96

Cross Section -100.0 To 9999. %



61 Incident Energy (eV) 42-Mo-96

