

Program Complot
(Version 2021-1)

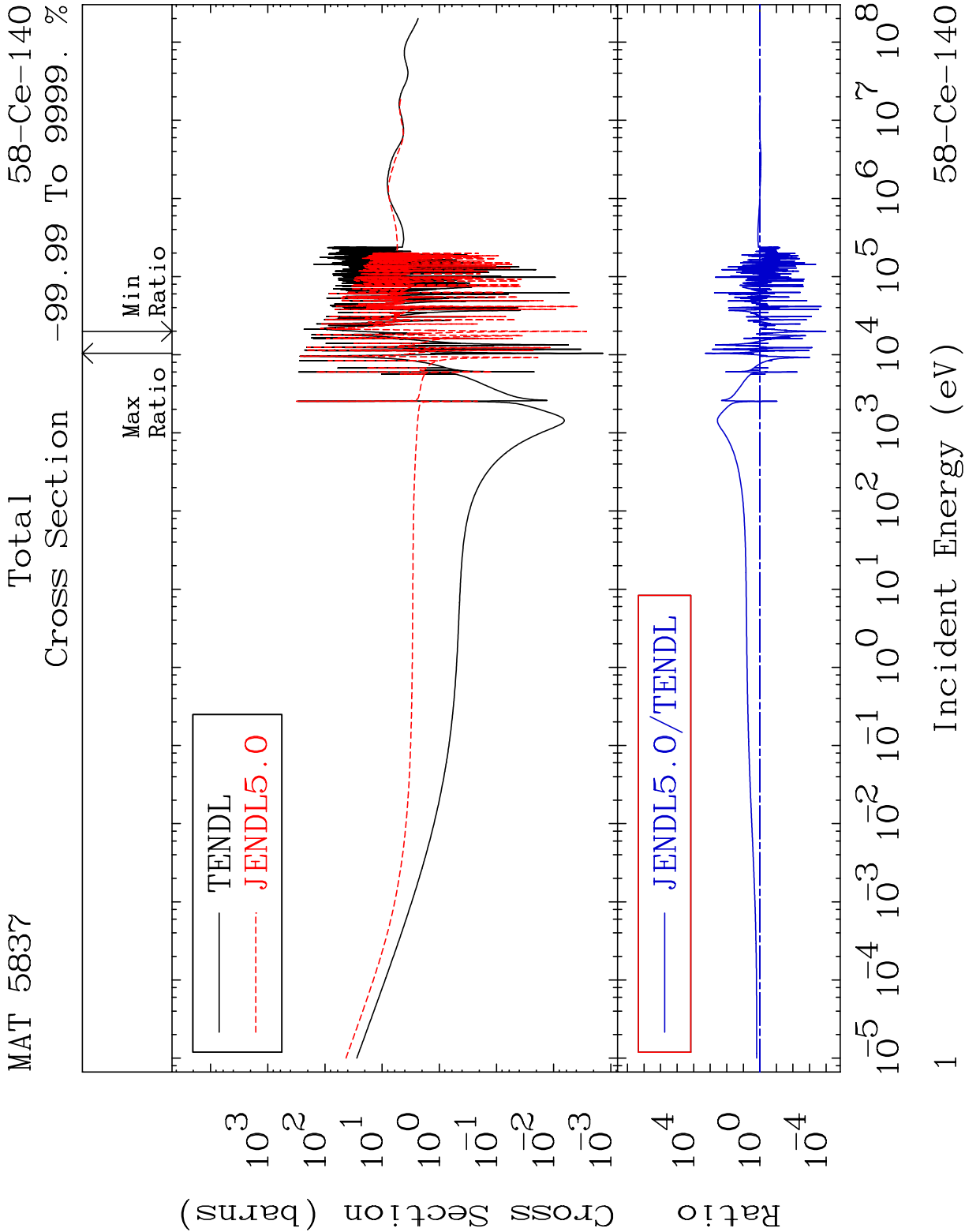
by

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(Present Contact Information)

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Press Mouse Button to Start

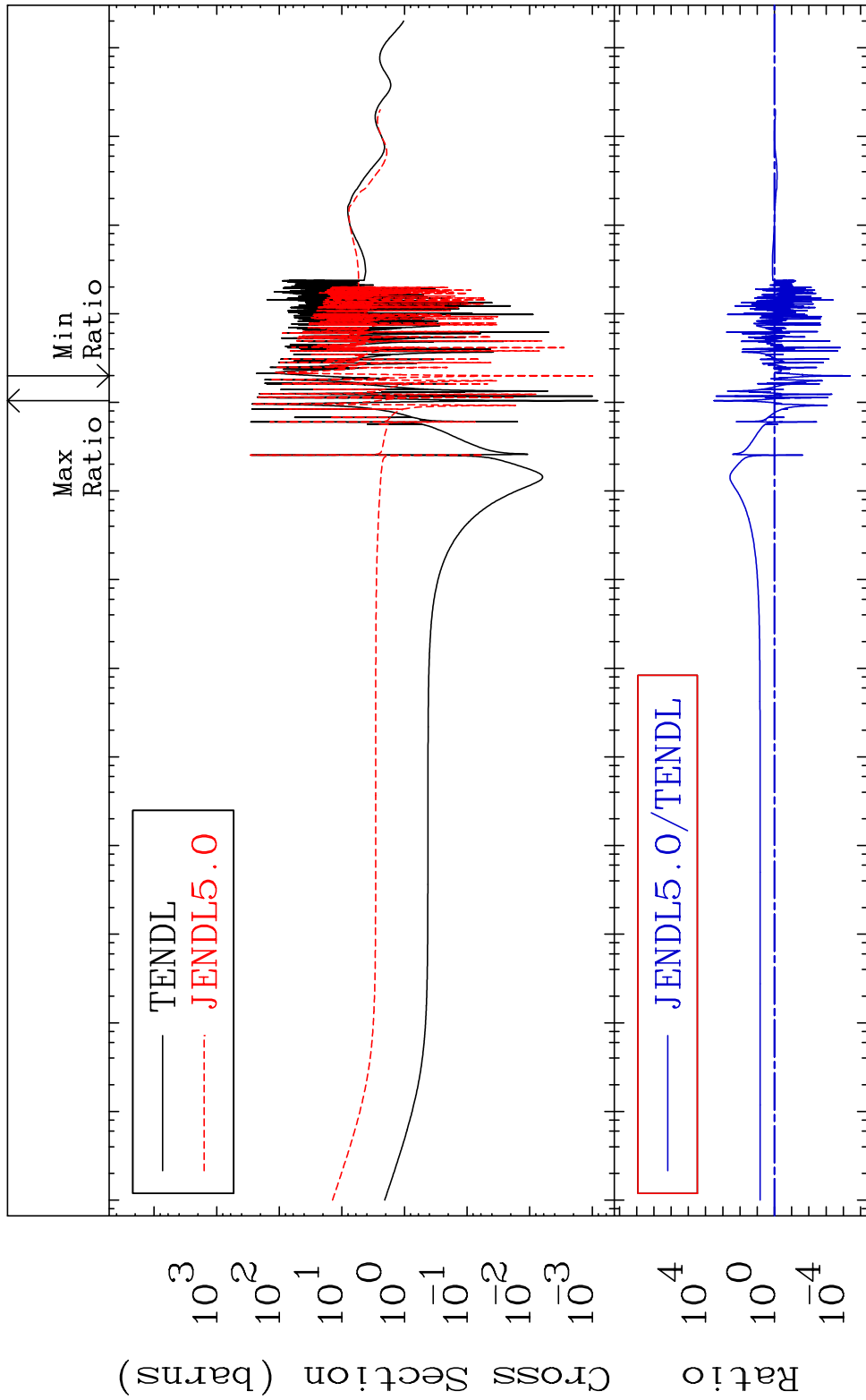


MAT 5837

Elastic

58-Ce-140

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

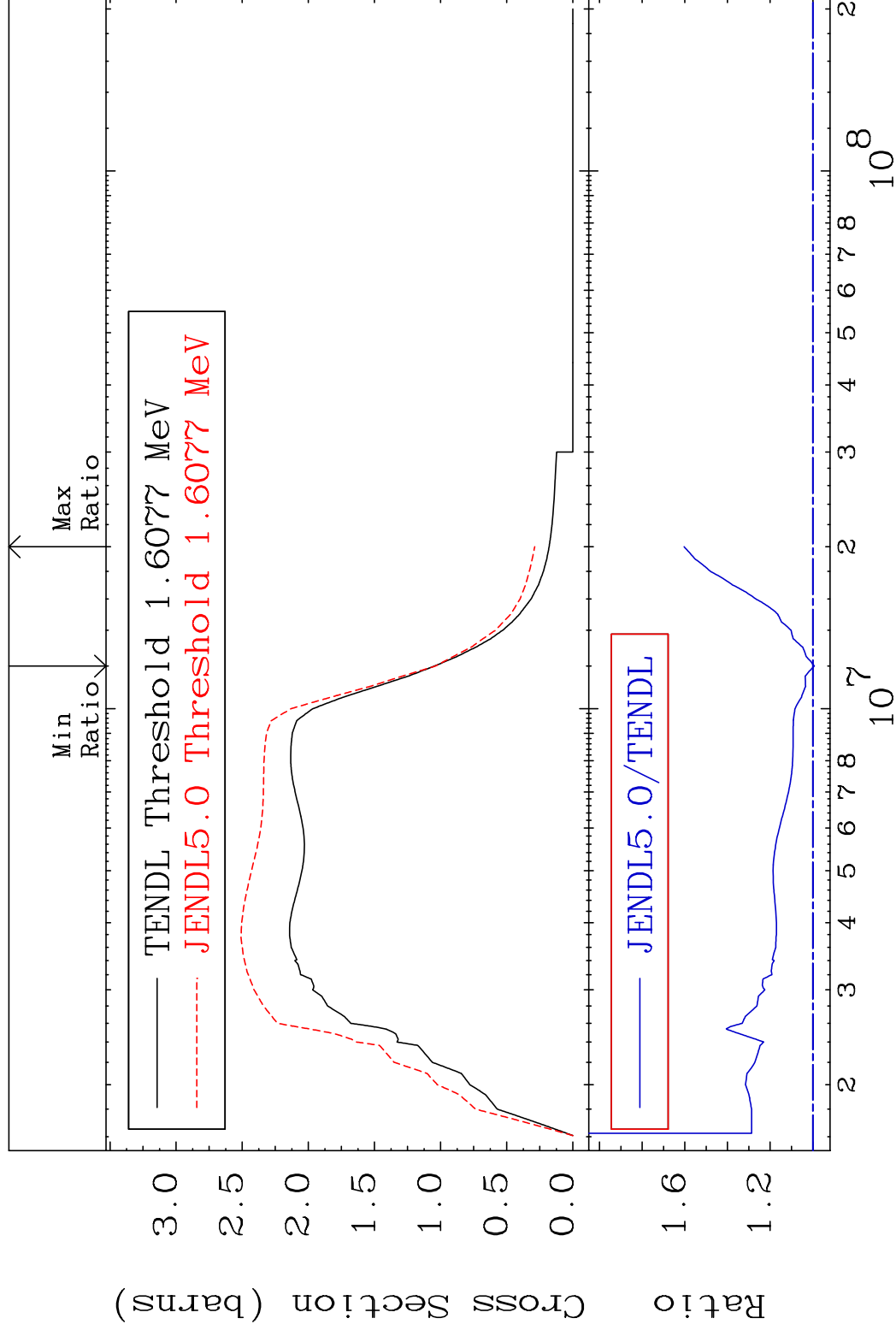
58-Ce-140

MAT 5837

Inelastic

58-Ce-140

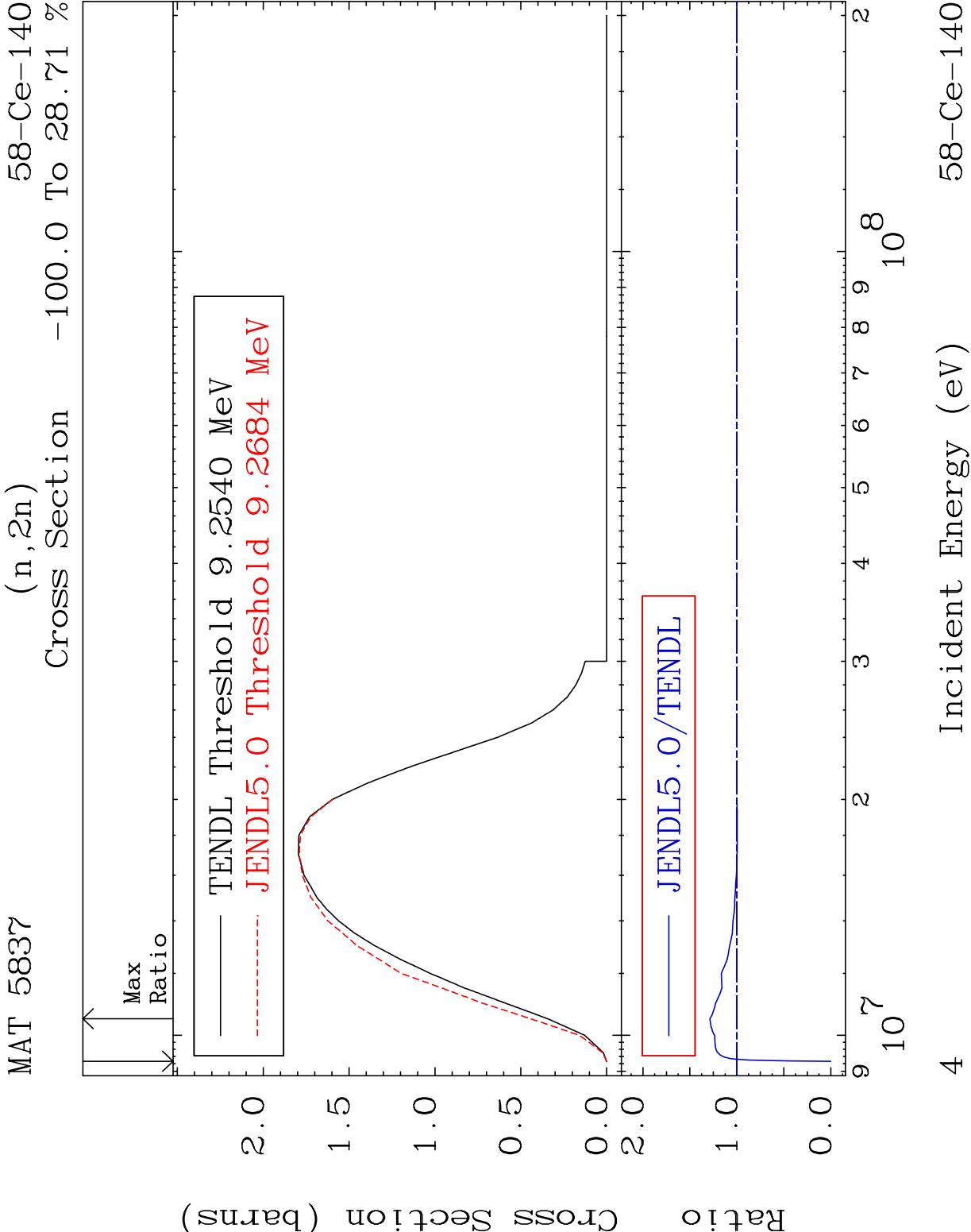
Cross Section -0.664 To 60.36%

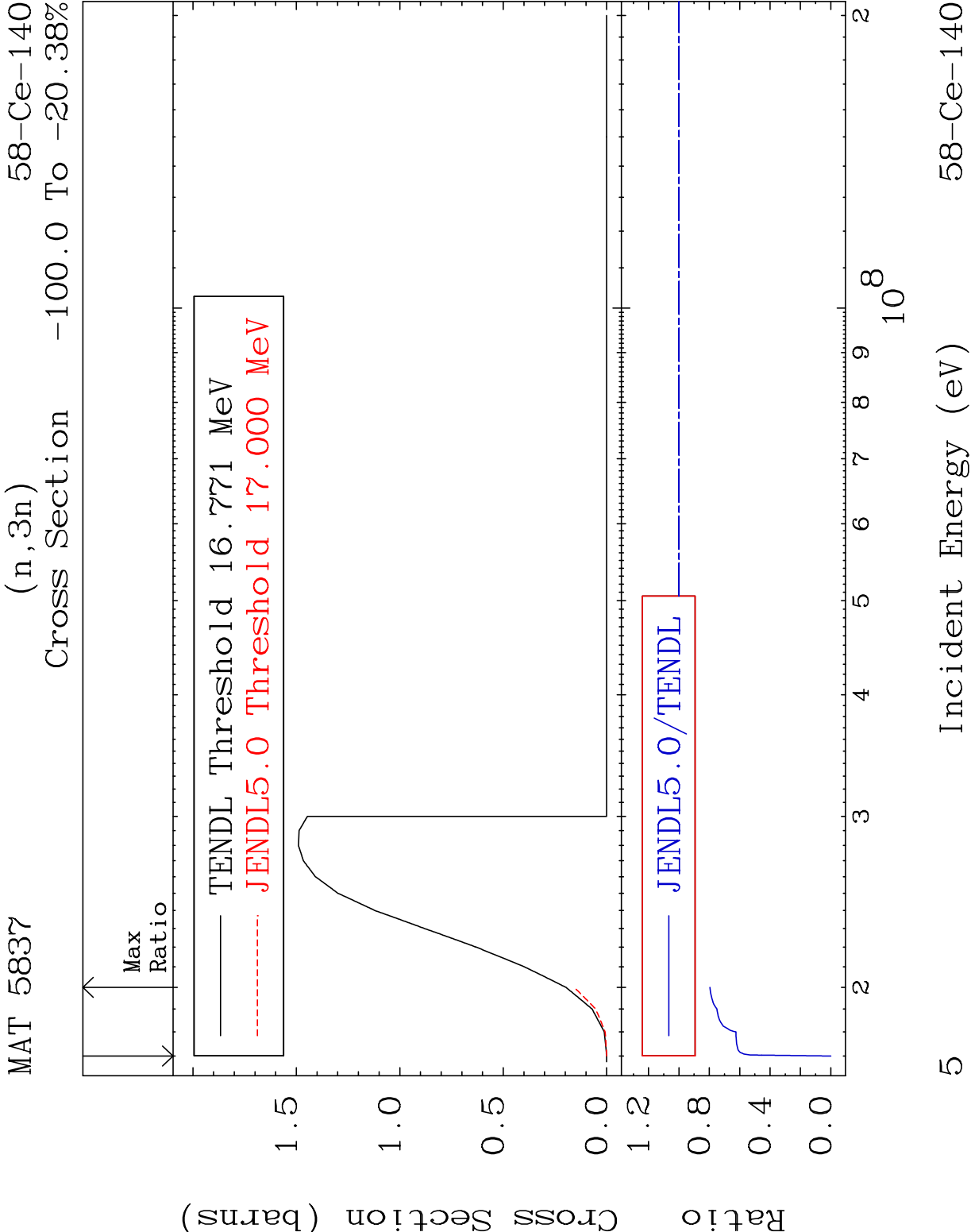


3

Incident Energy (eV)

58-Ce-140



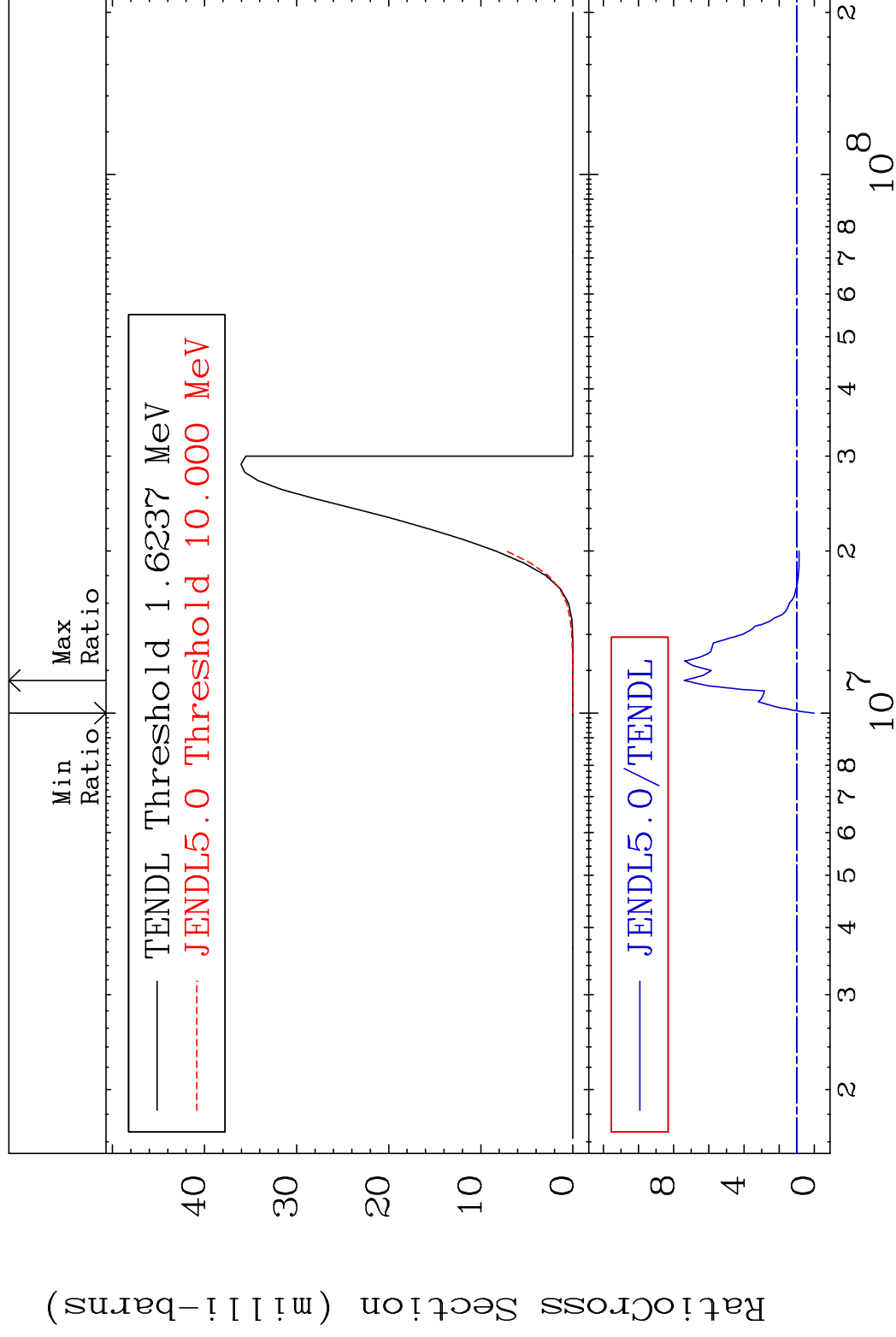


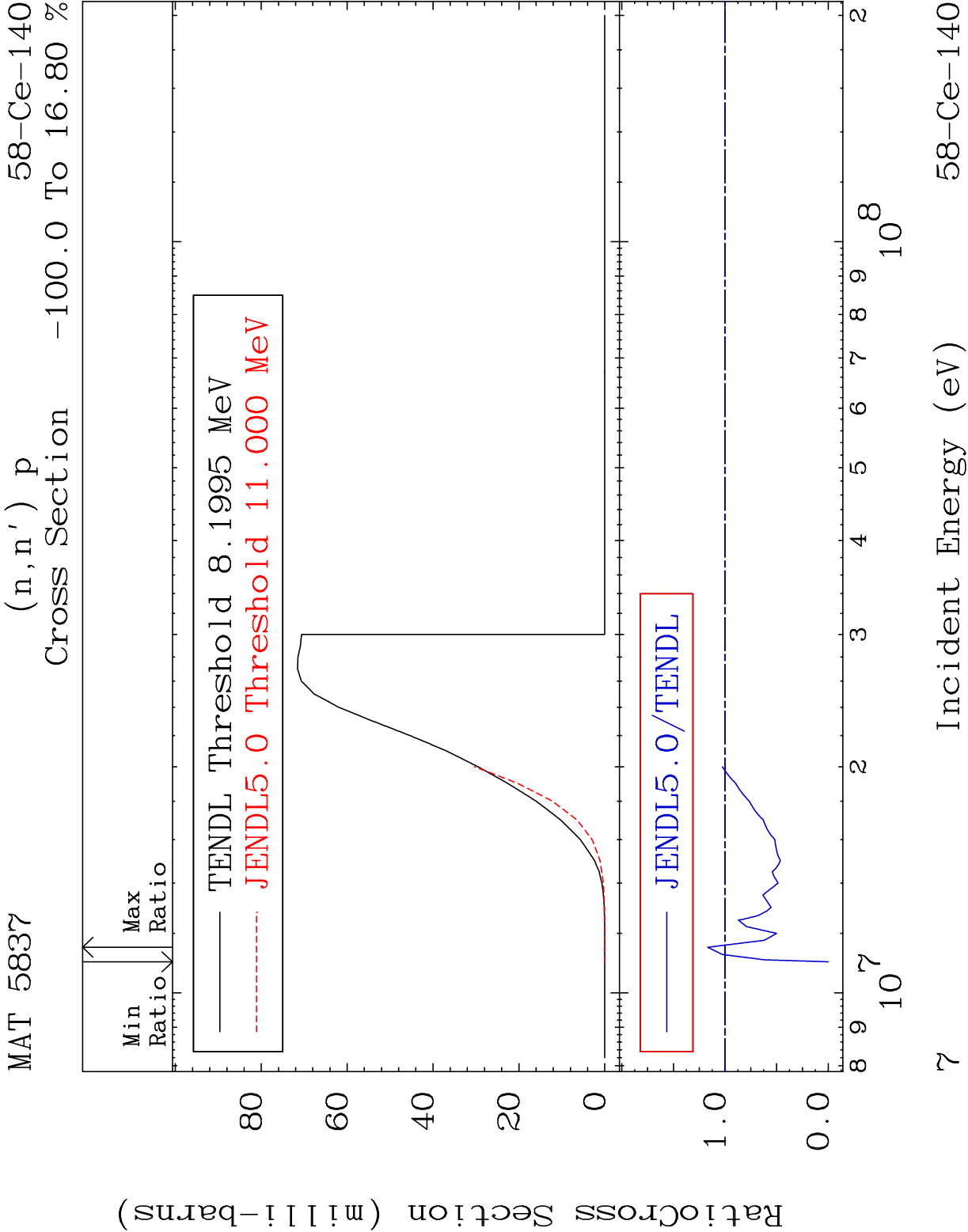
MAT 5837

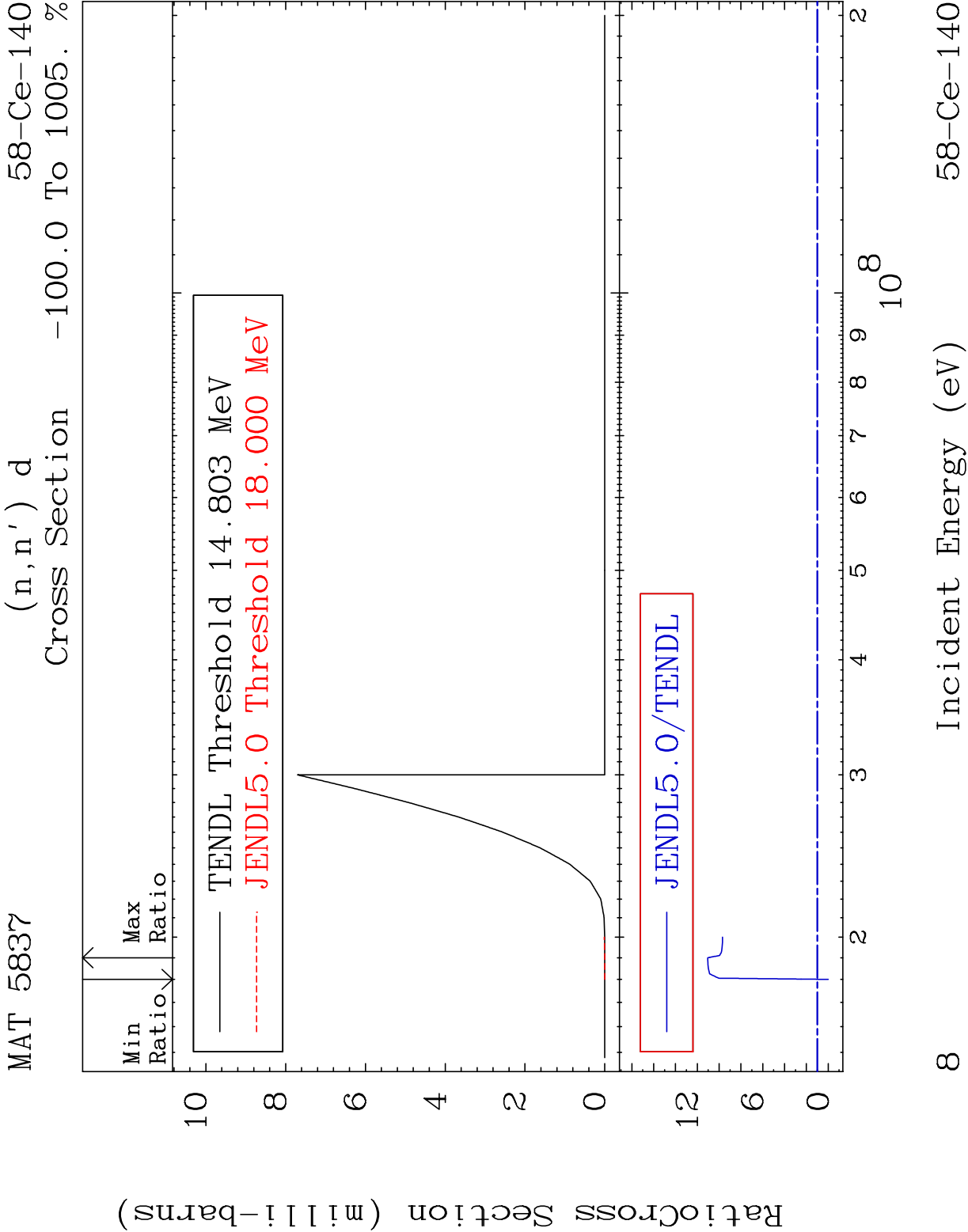
$$(n, n') \propto$$

58-Ce-140

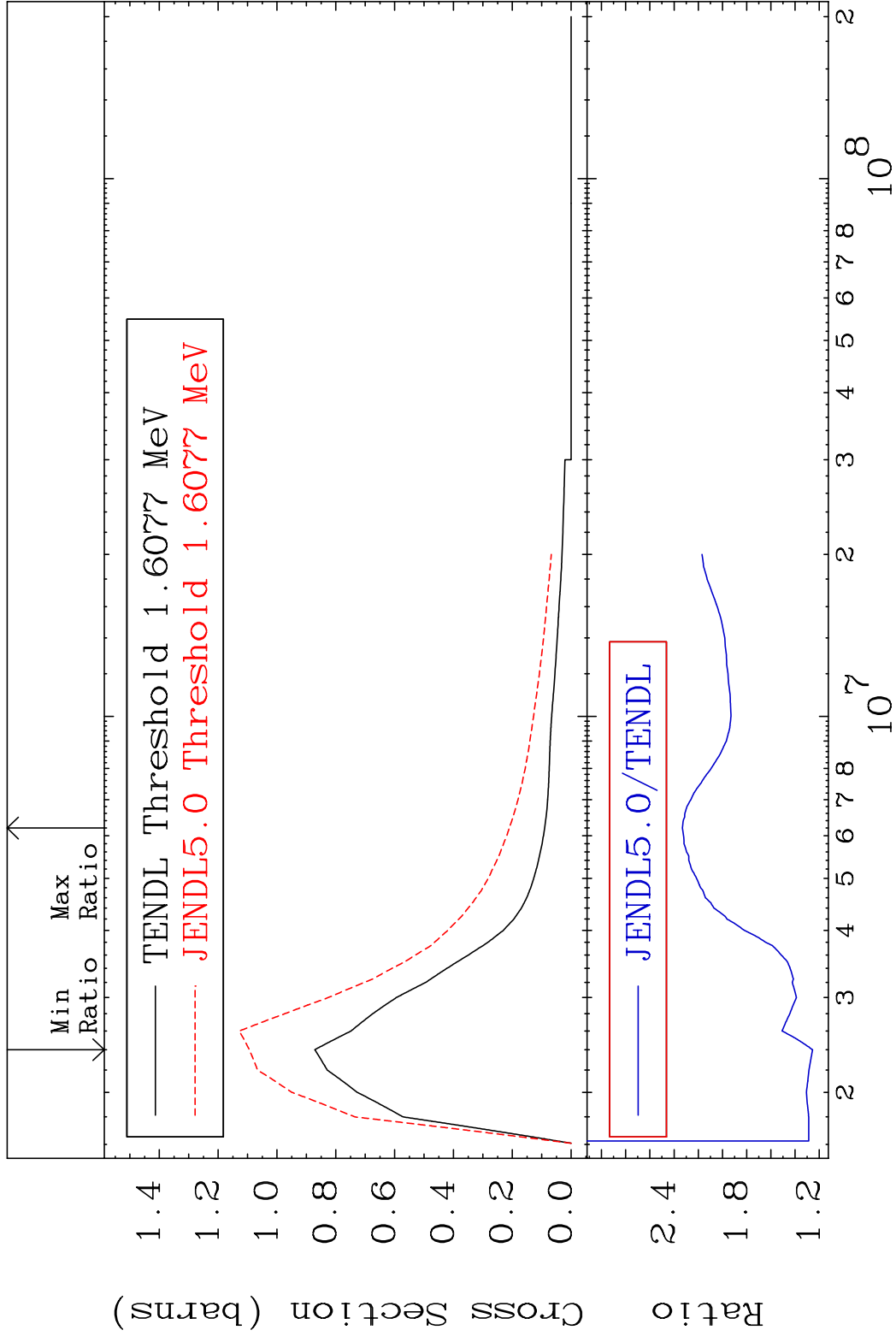
Cross Section -100.0 To 641.0 %



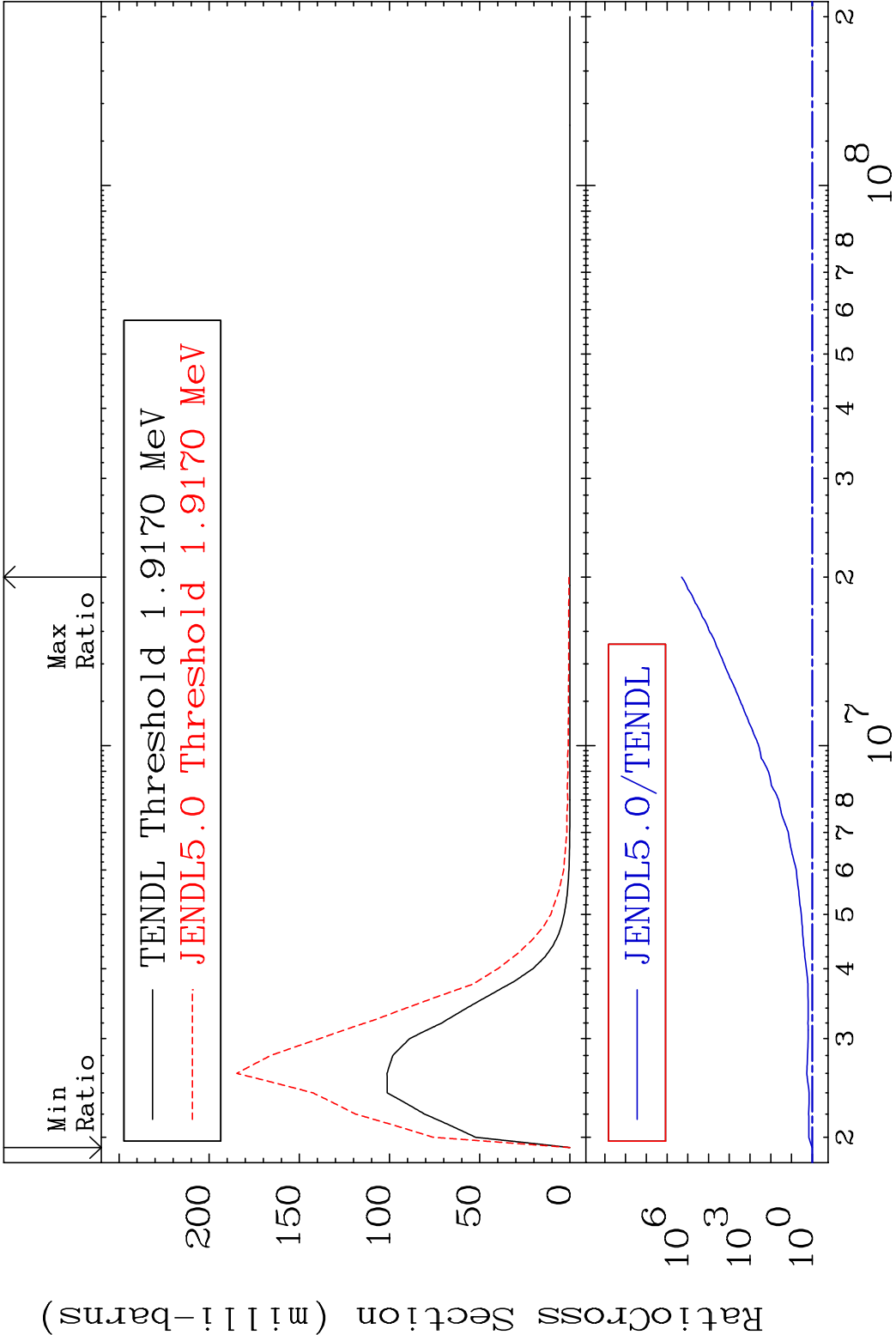




MAT 5837	MT= 51 (n,n')	Level	58-Ce-140
	Cross Section	25.54	To 133.2 %



MAT 5837 MT= 52 (n,n') Level 58-Ce-140
Cross Section 0.000 To 9999. %



10 Incident Energy (eV) 58-Ce-140

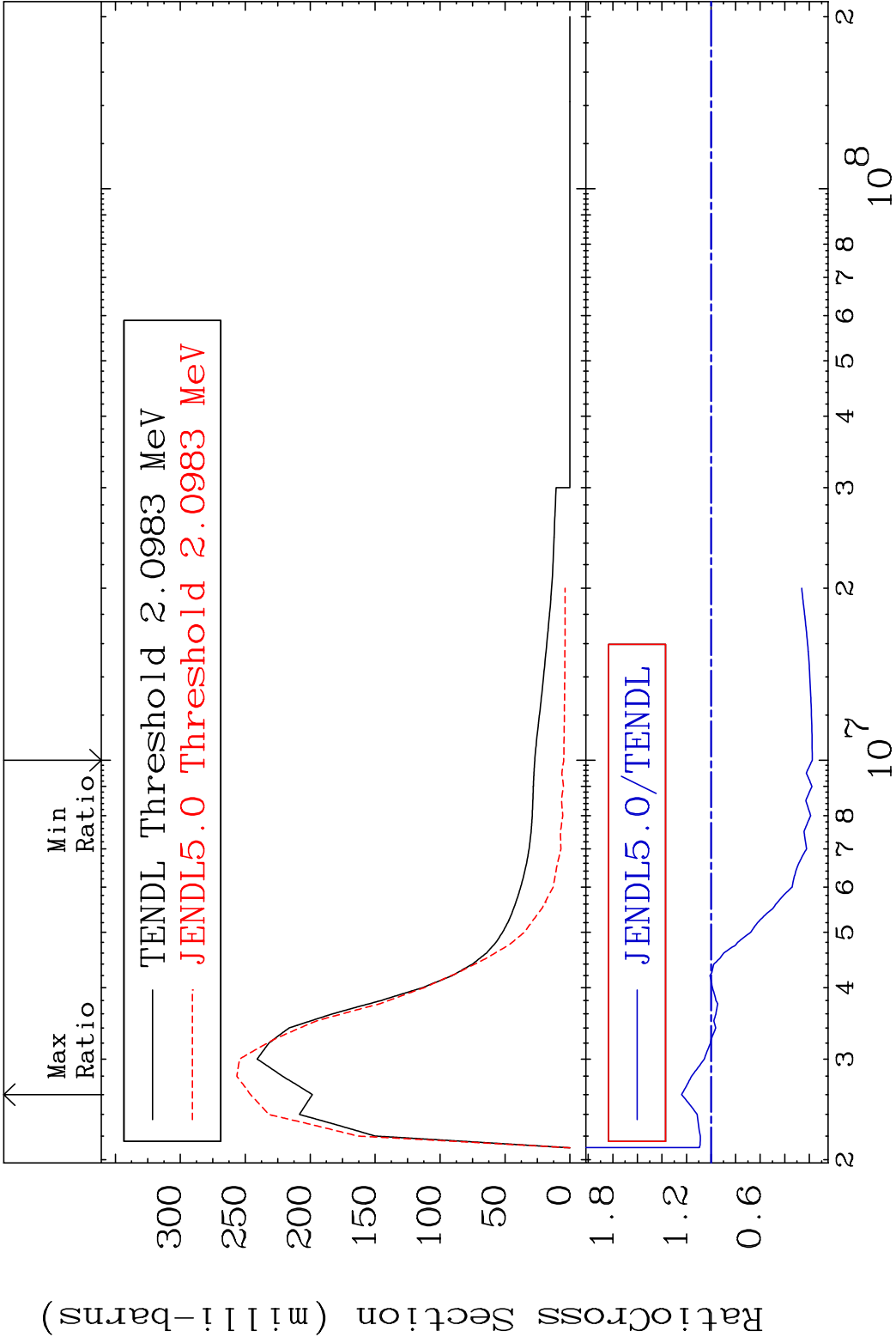
MAT 5837

MT= 53 (n,n') Level

58-Ce-140

Cross Section

-82.37 To 24.05 %



MAT 5837

MT= 54 (n,n')

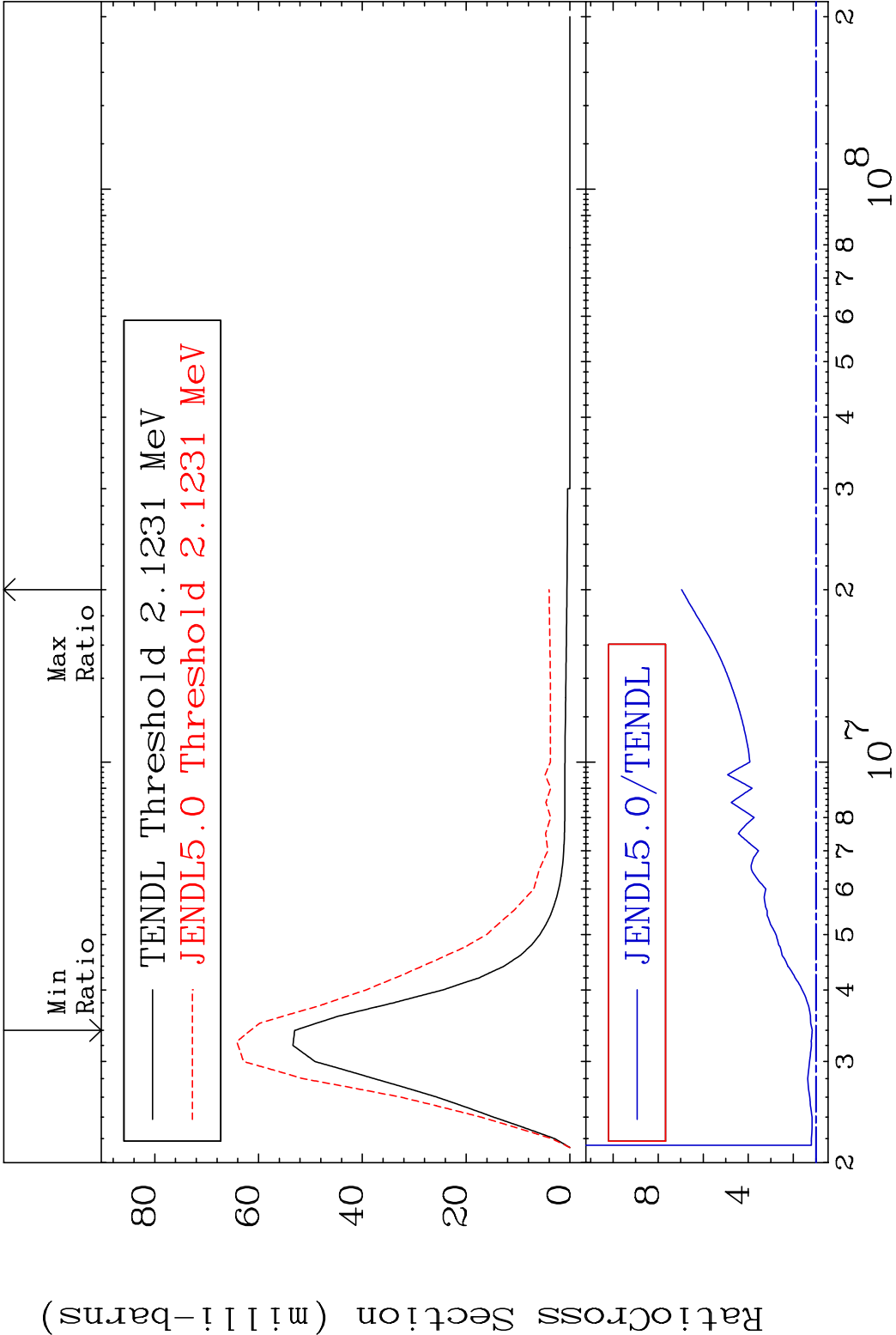
Level

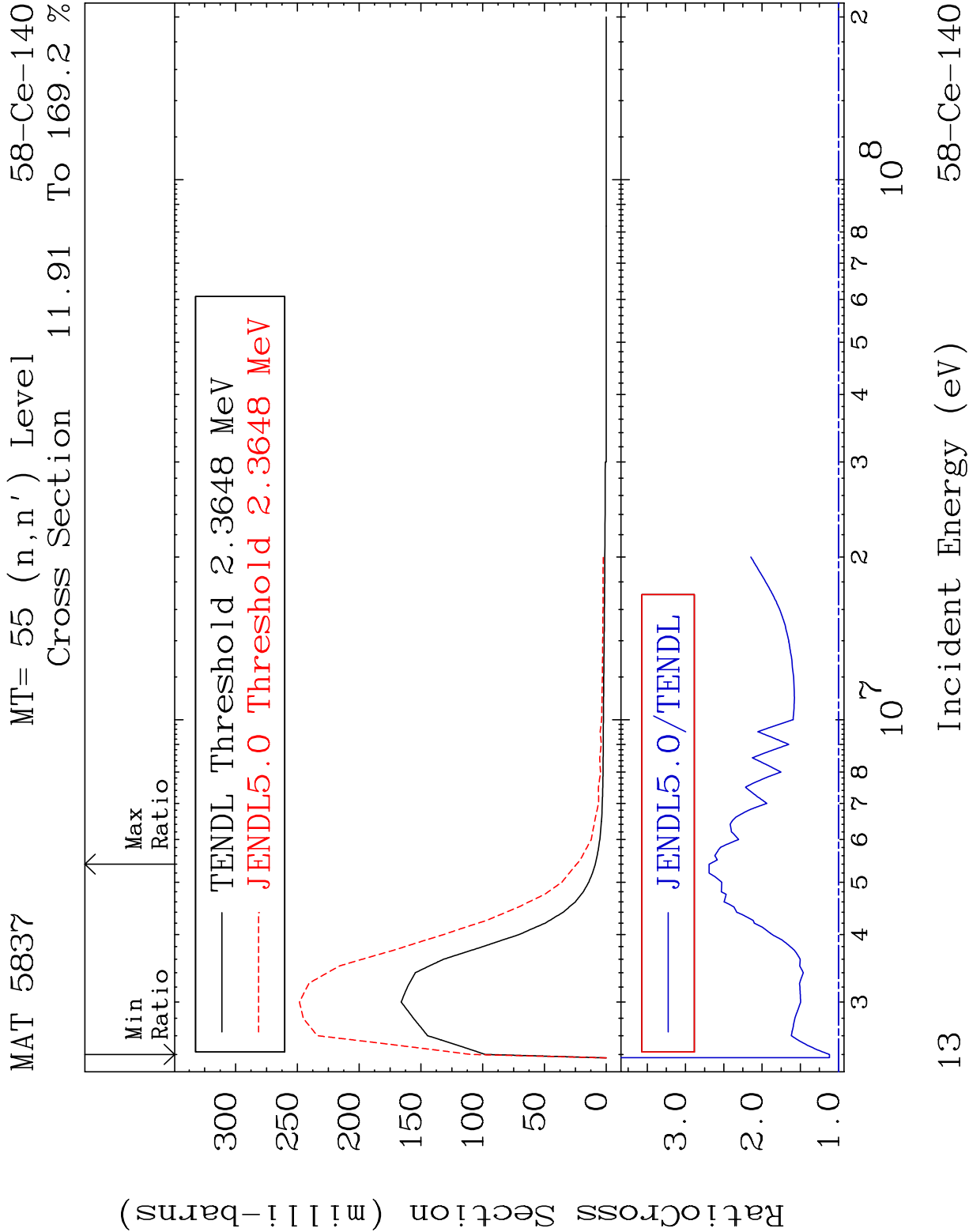
58-Ce-140

Cross Section

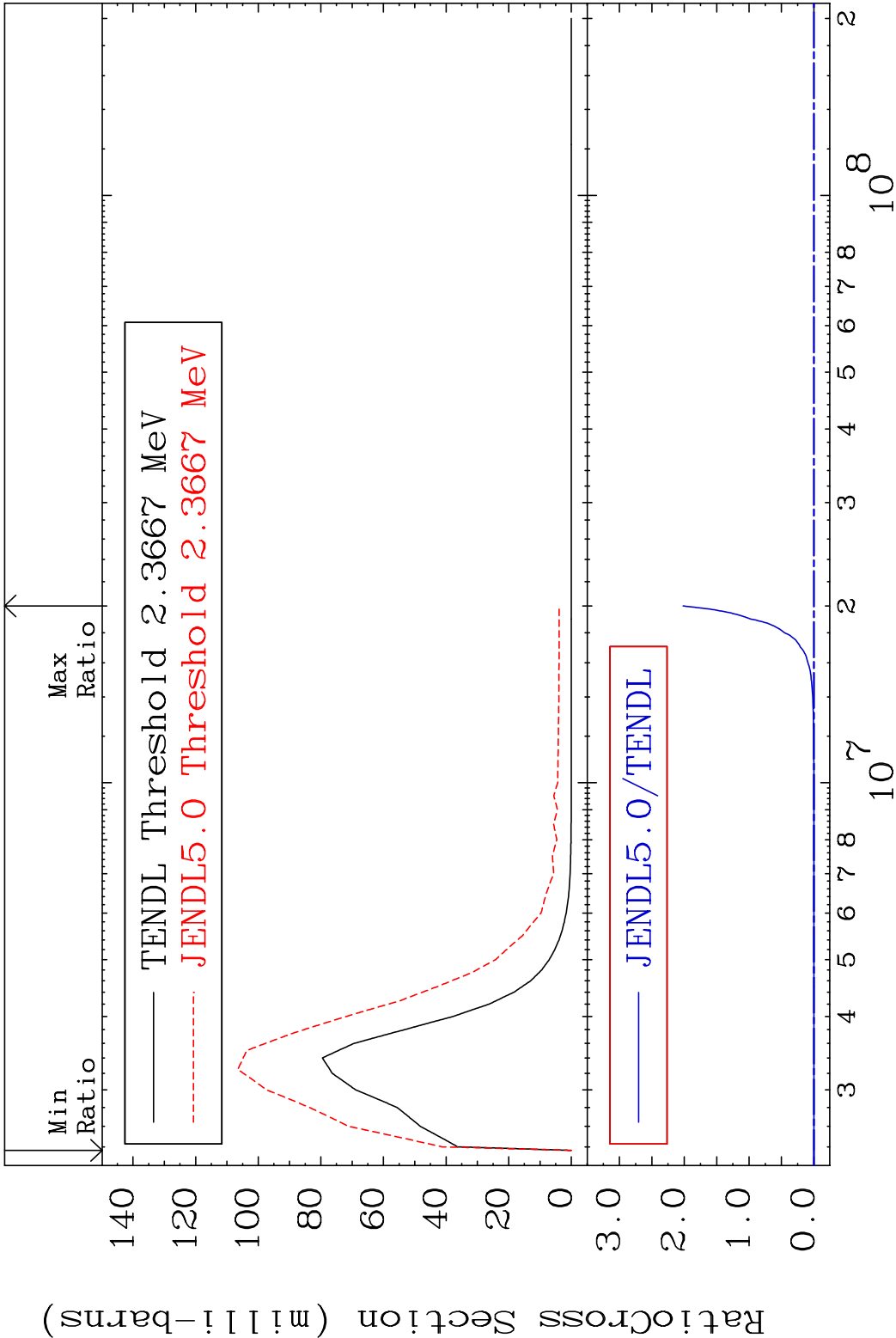
16.05

To 596.3 %



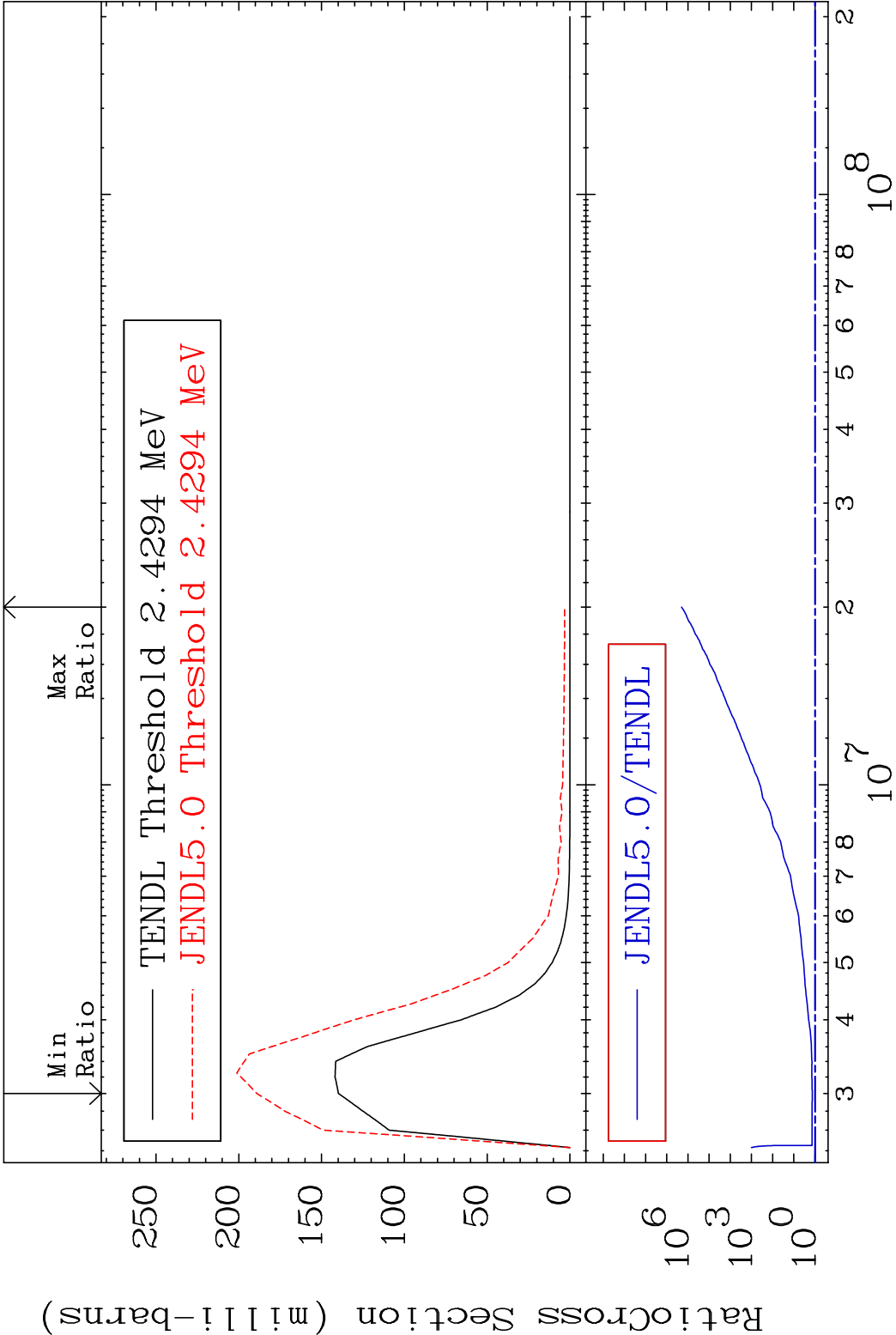


MAT 5837 MT= 56 (n,n') Level 58-Ce-140
Cross Section -100.0 To 9999. %

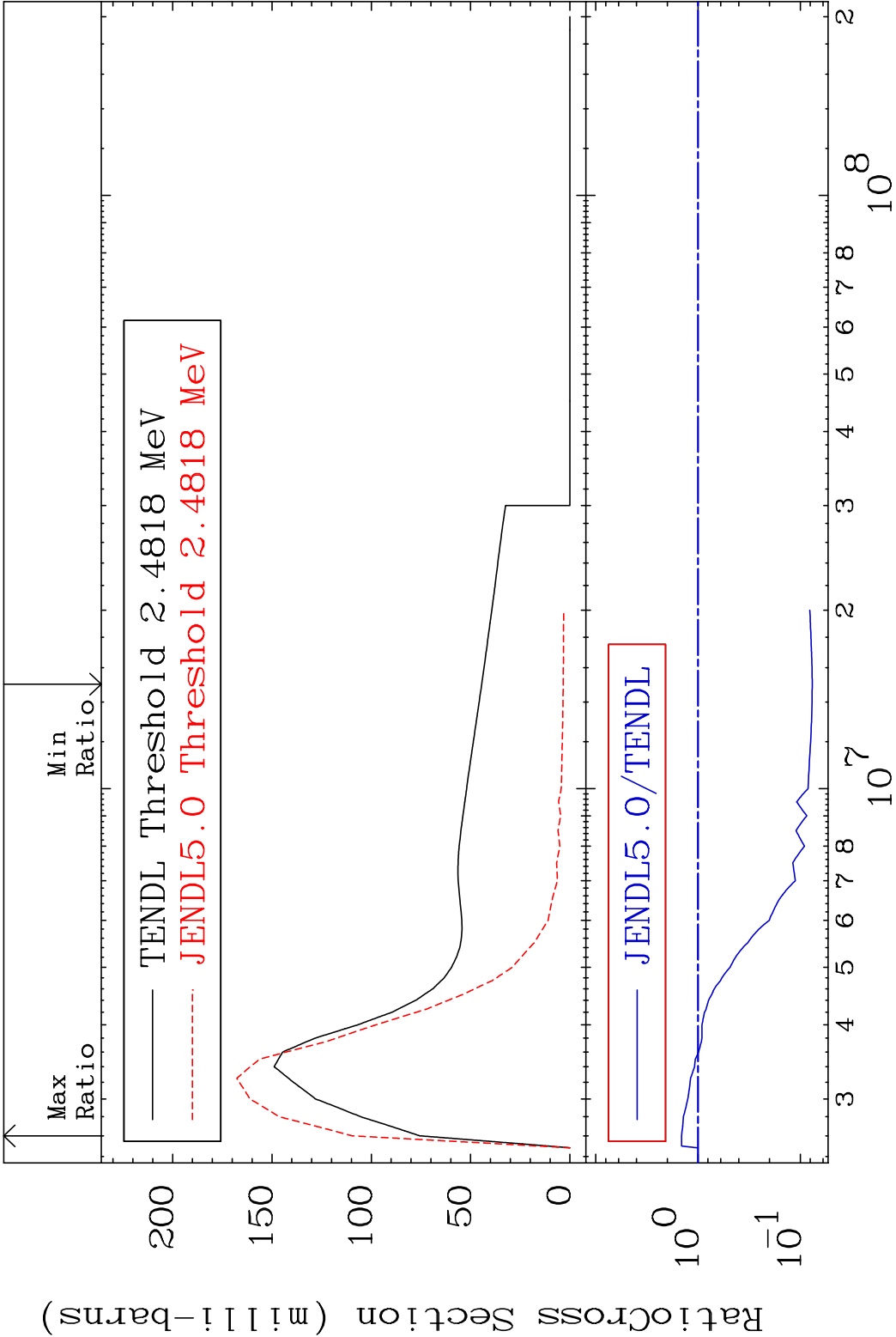


14 Incident Energy (eV) 58-Ce-140

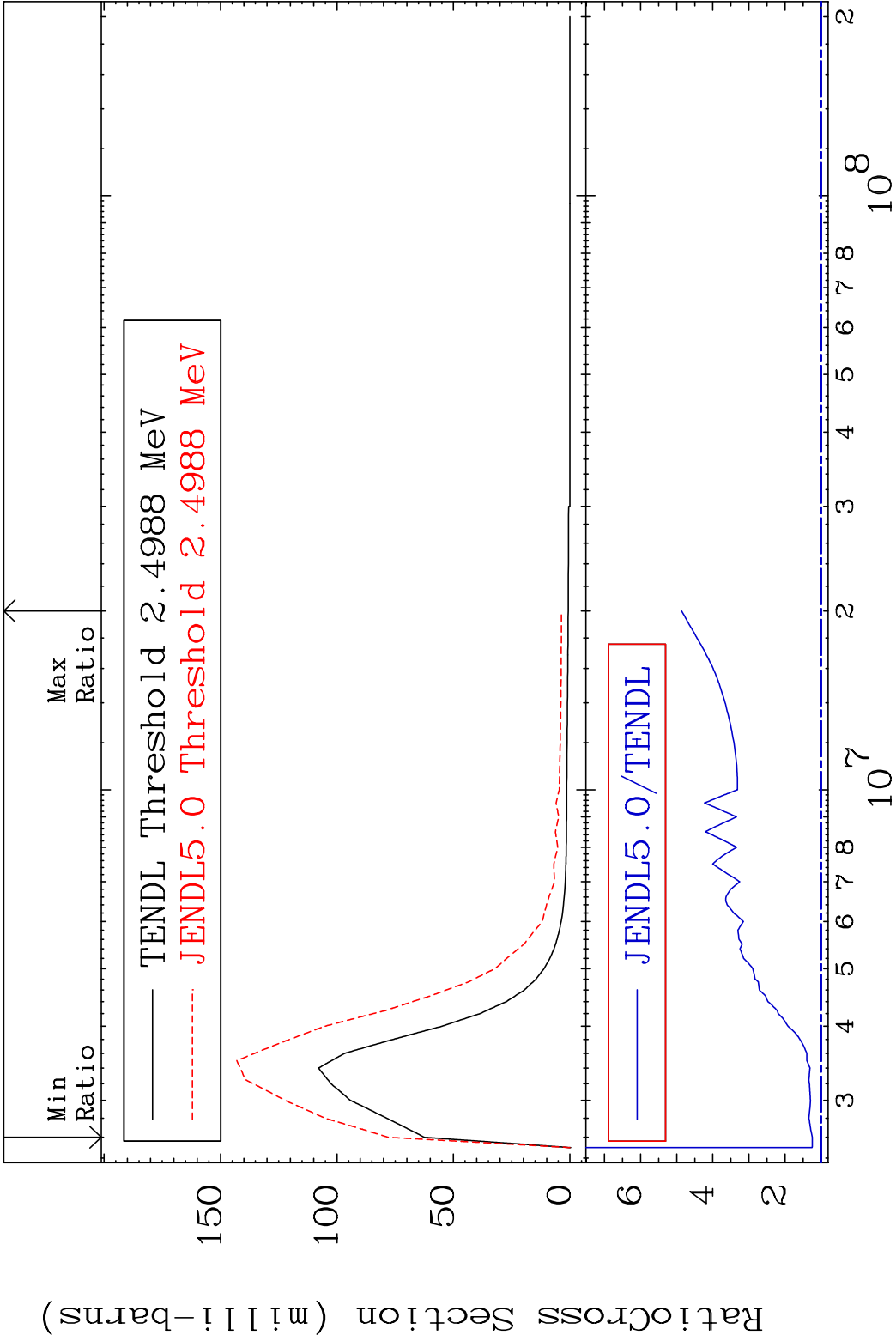
MAT 5837 MT= 57 (n,n') Level 58-Ce-140
Cross Section 35.27 To 9999. %

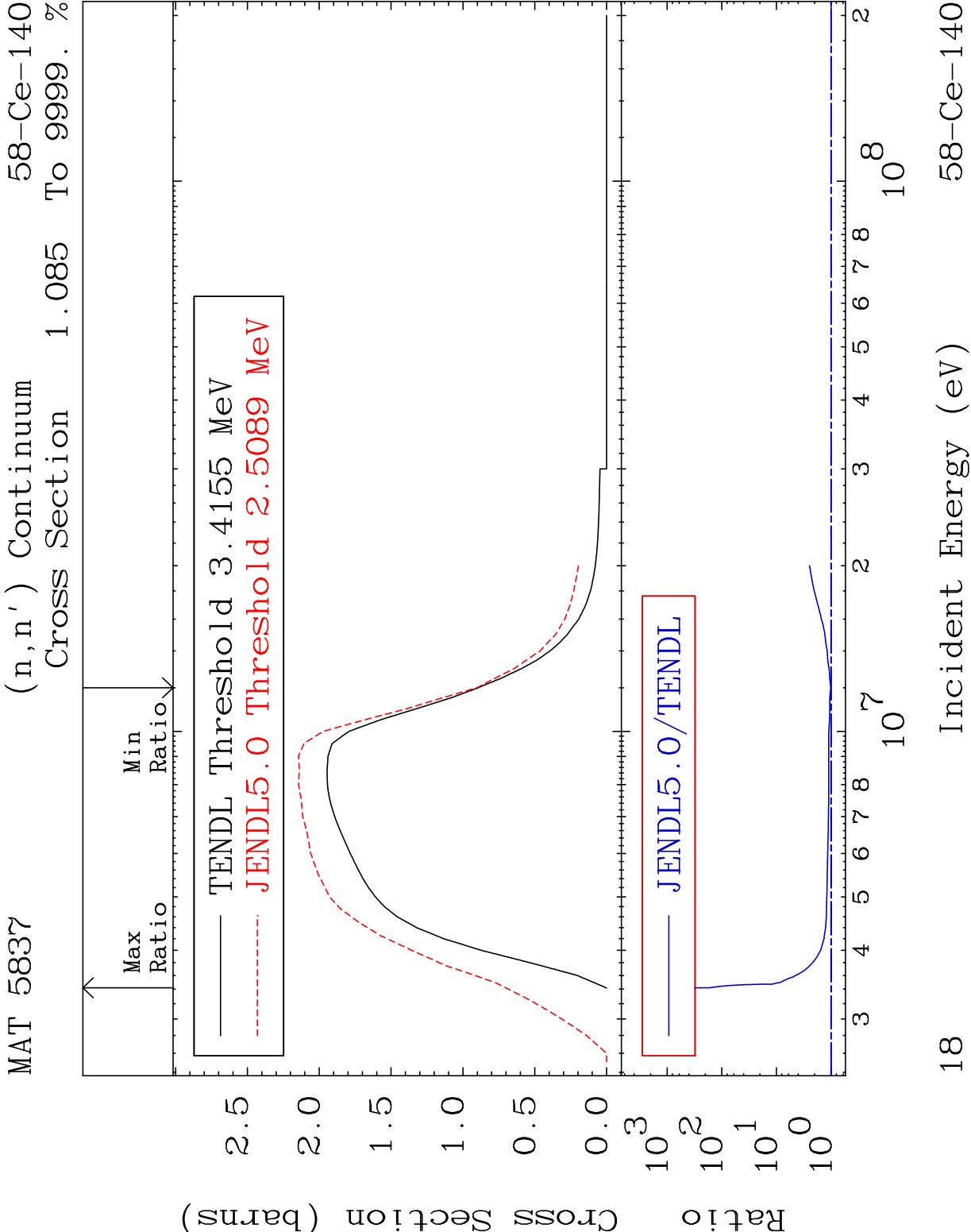


MAT 5837 MT= 58 (n,n') Level 58-Ce-140
Cross Section -92.36 To 45.10 %



MAT 5837 MT= 59 (n,n') Level 58-Ce-140
Cross Section 24.68 To 386.6 %





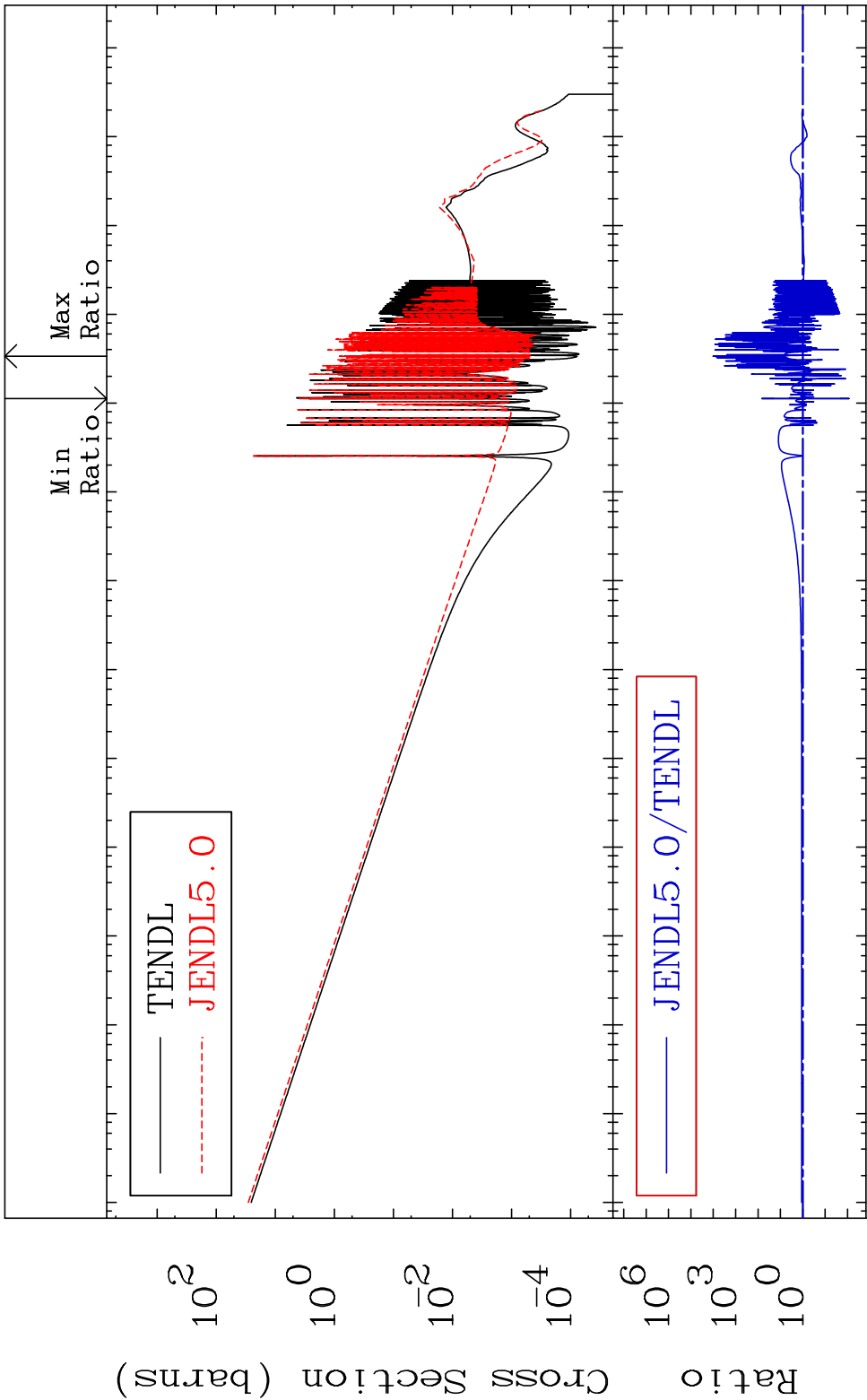
MAT 5837

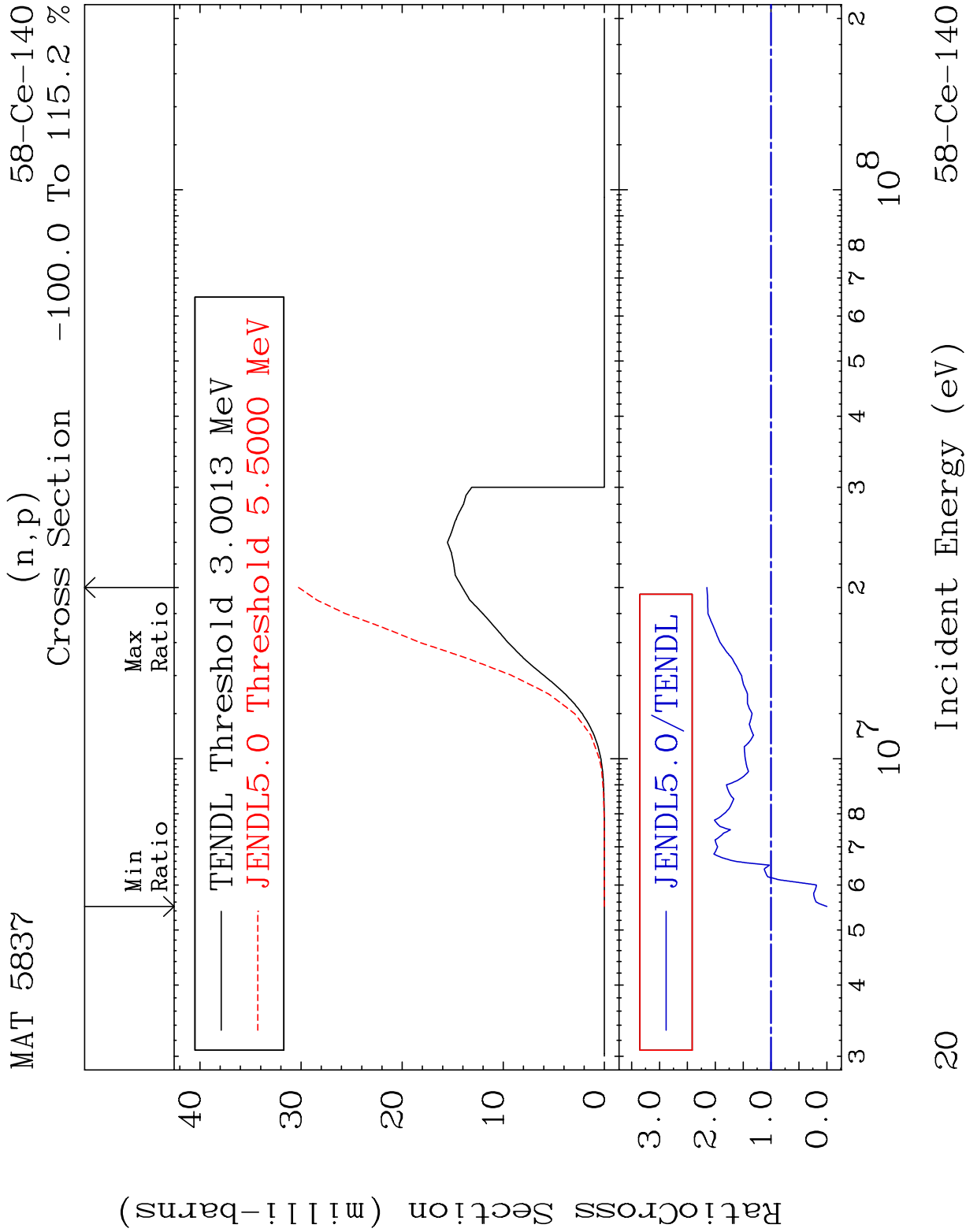
(n, γ)

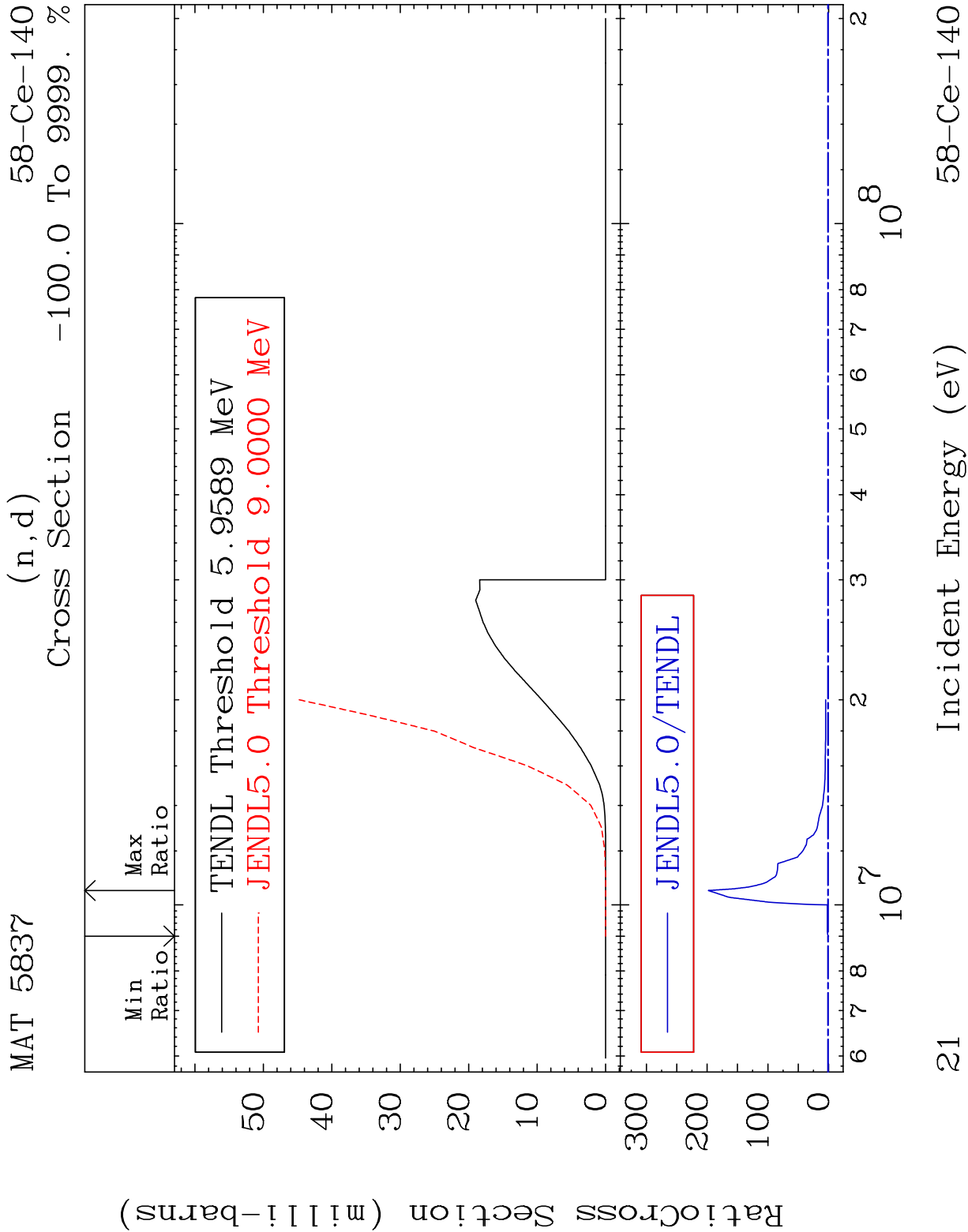
58-Ce-140

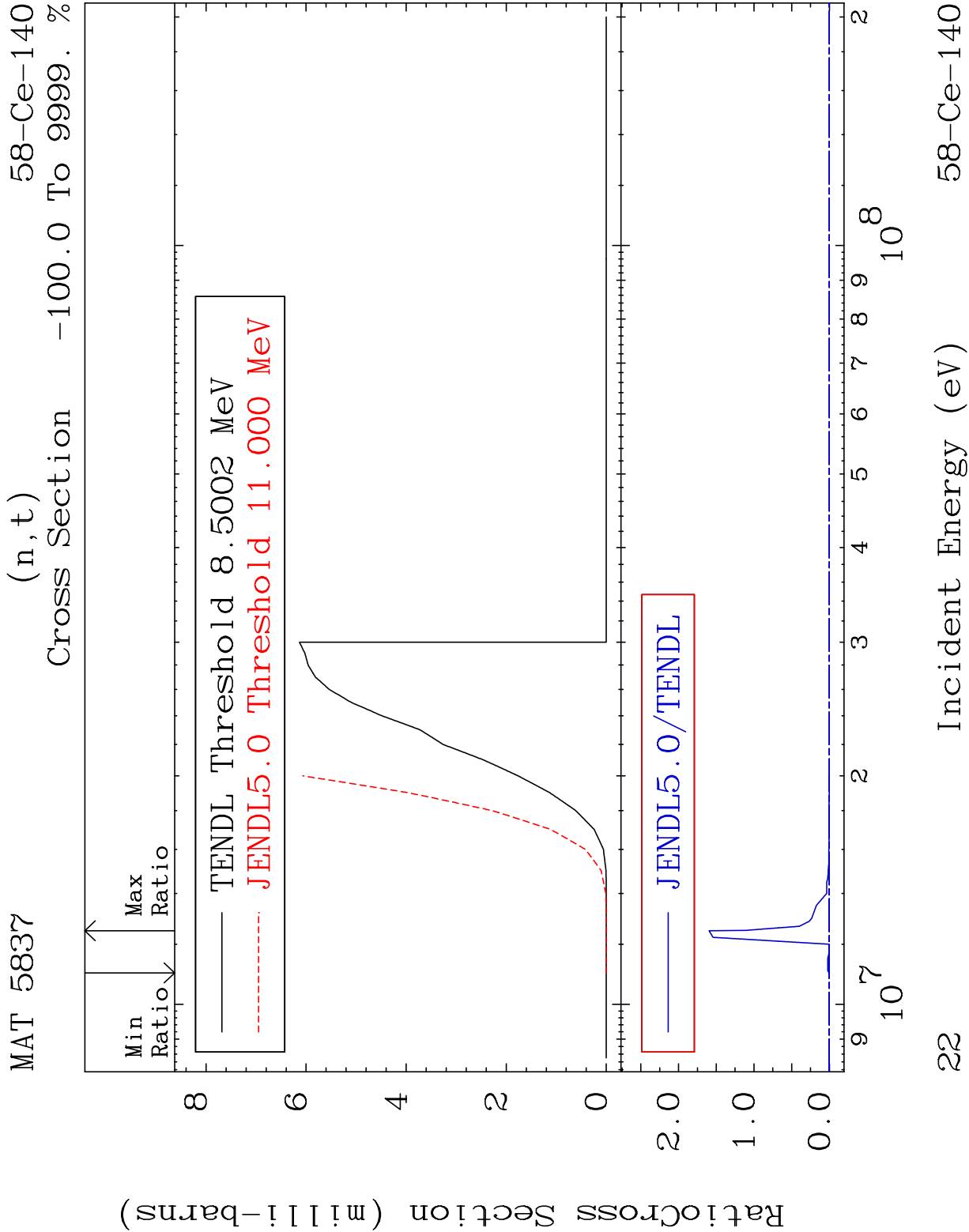
Cross Section

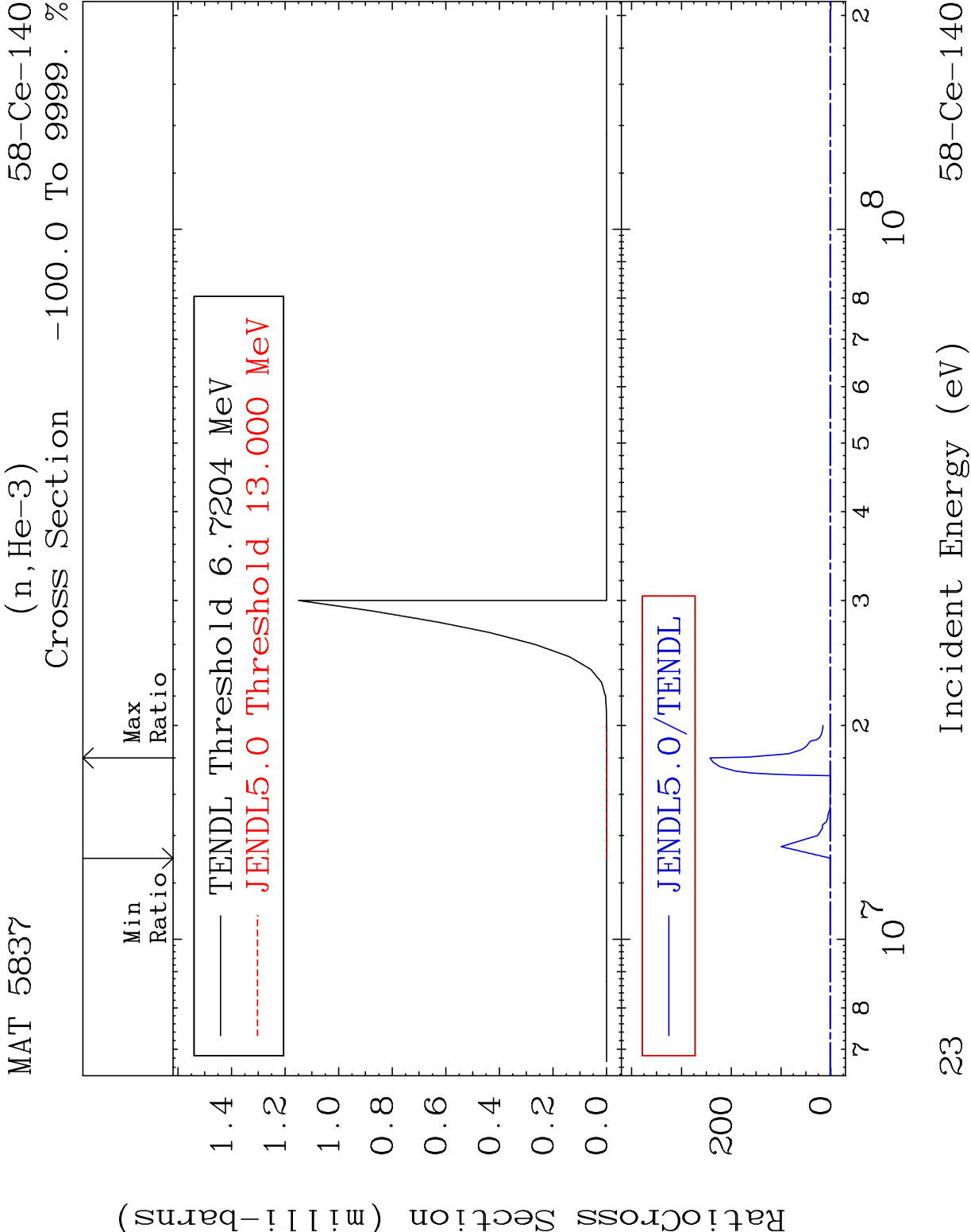
-99.17 To 9999. %

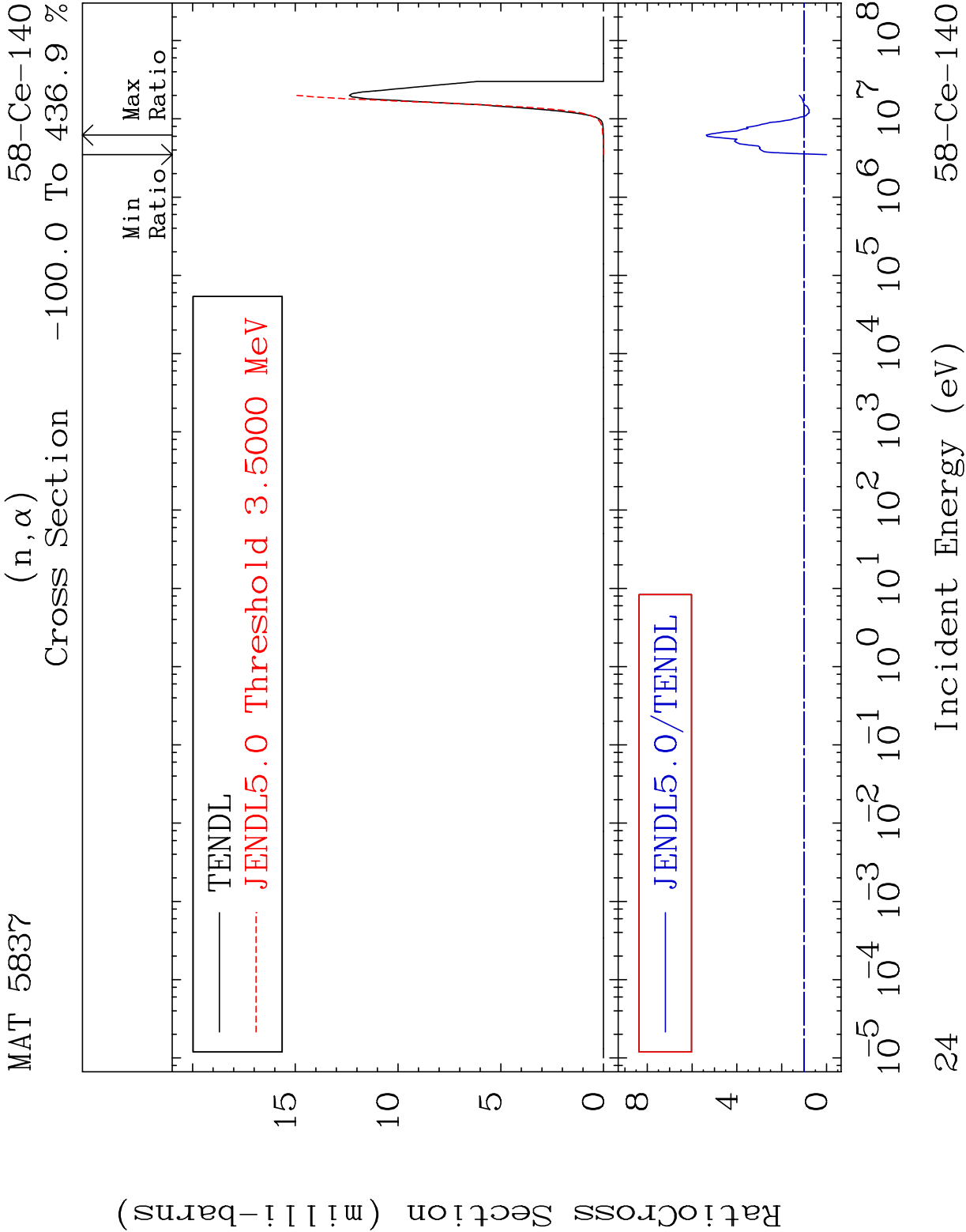


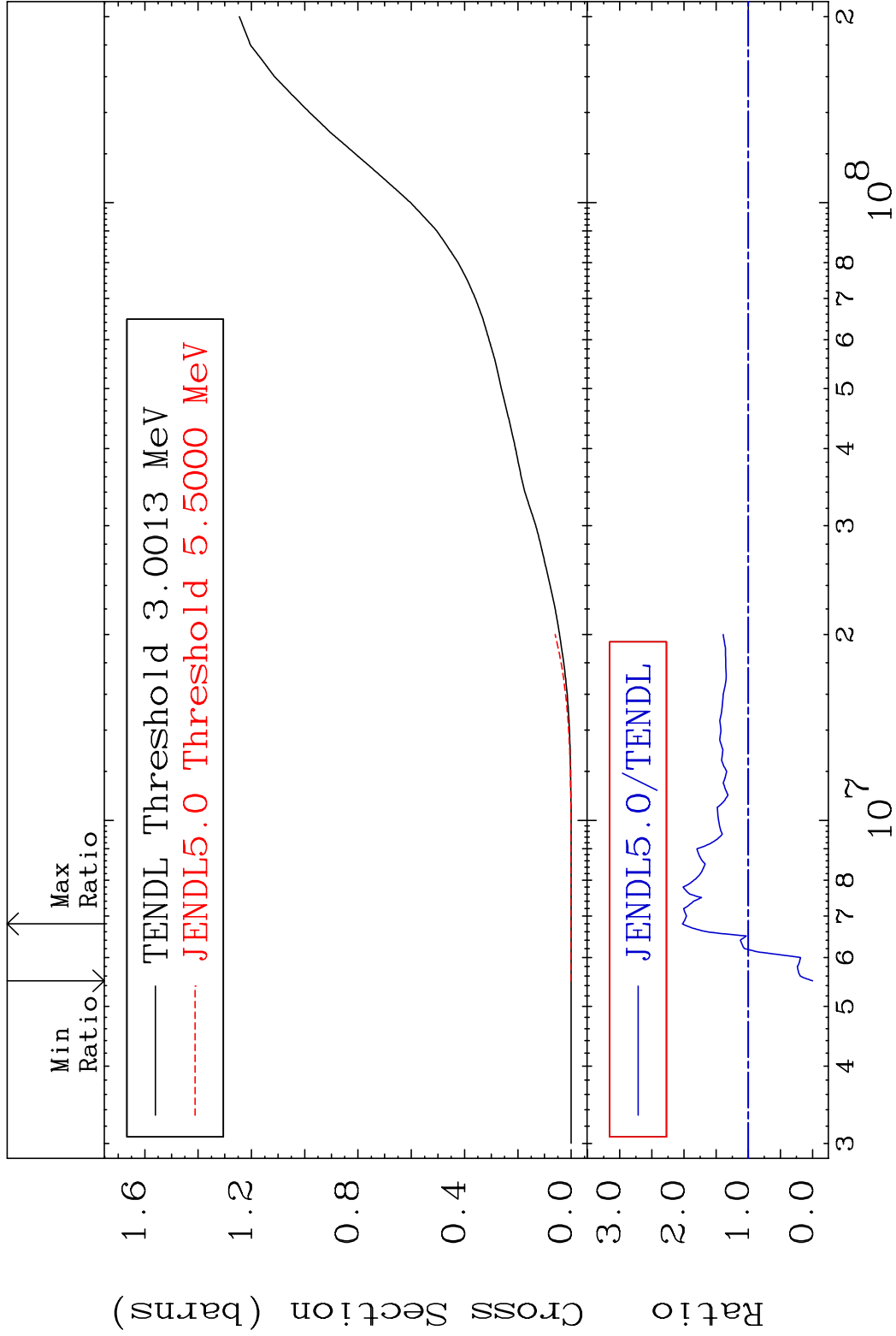


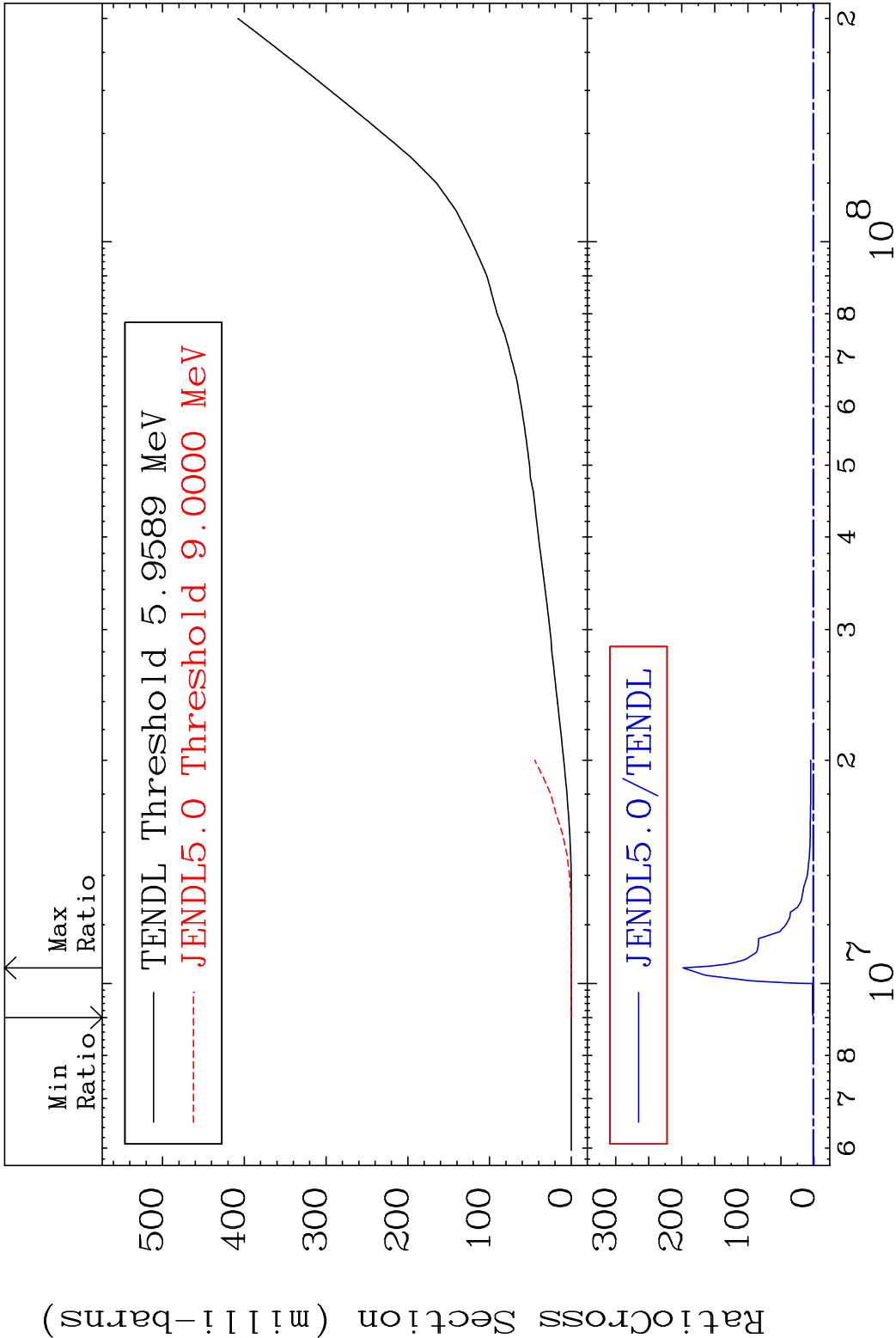


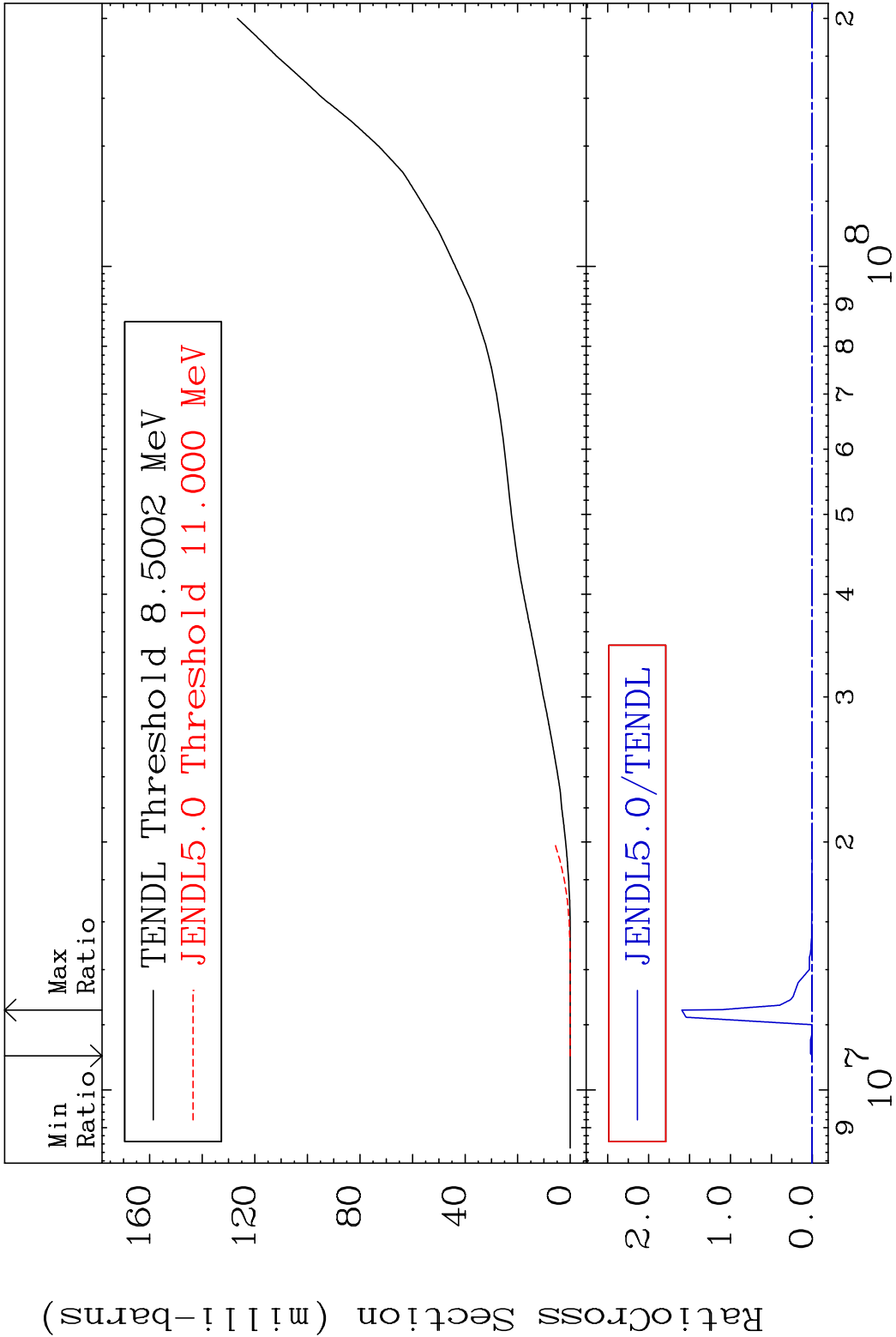










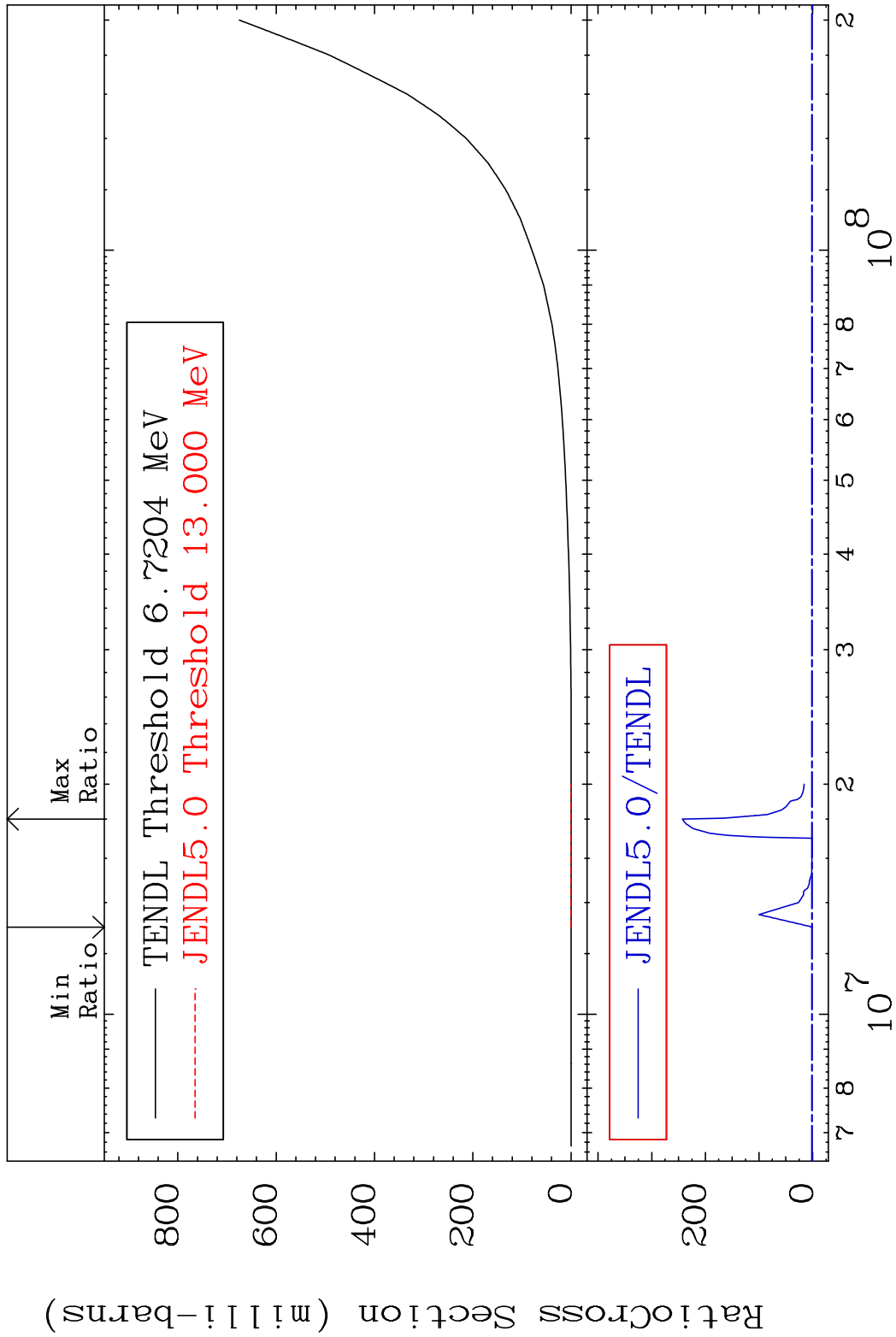


MAT 5837

He-3 Production

58-Ce-140

Cross Section -100.0 To 9999. %

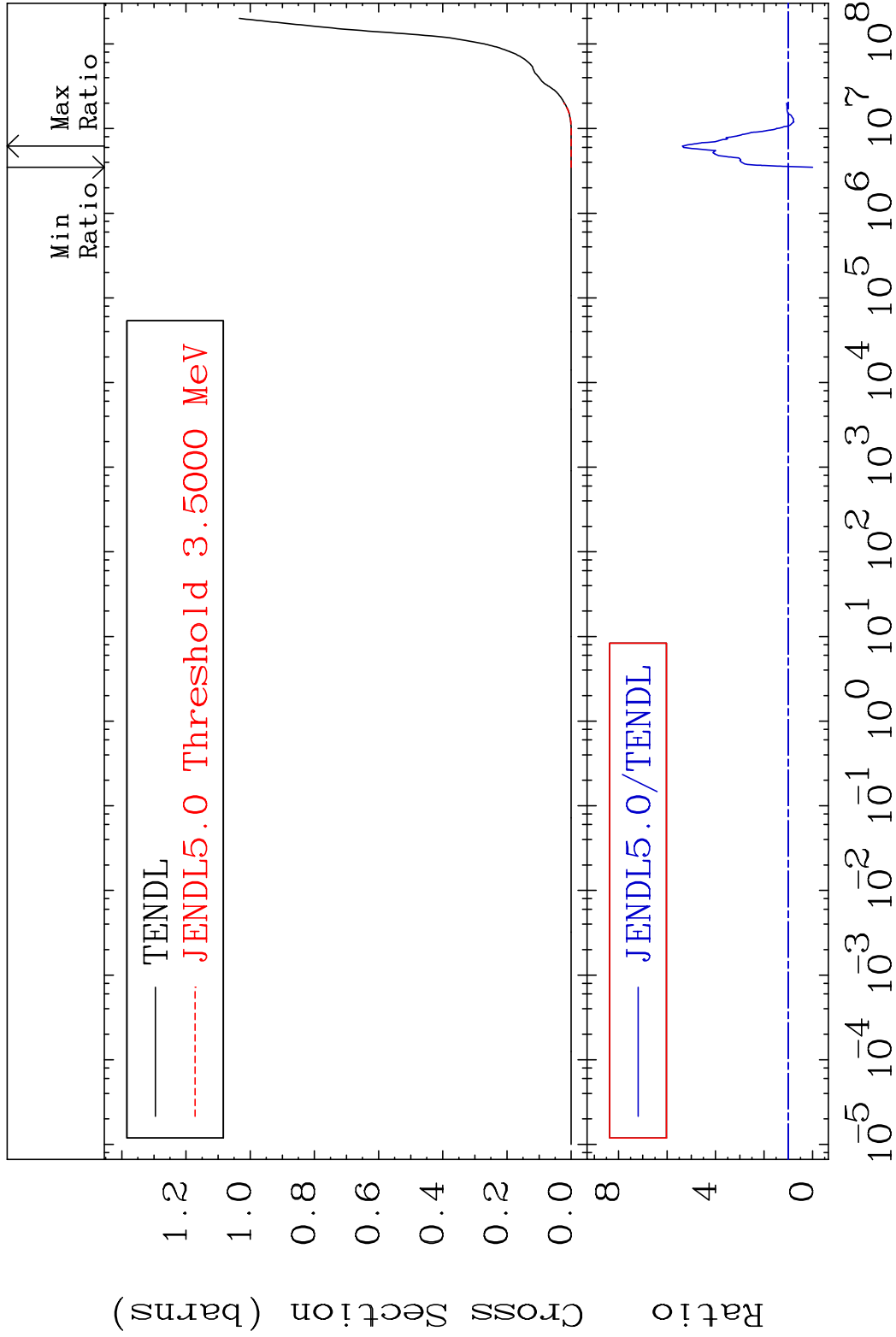


28

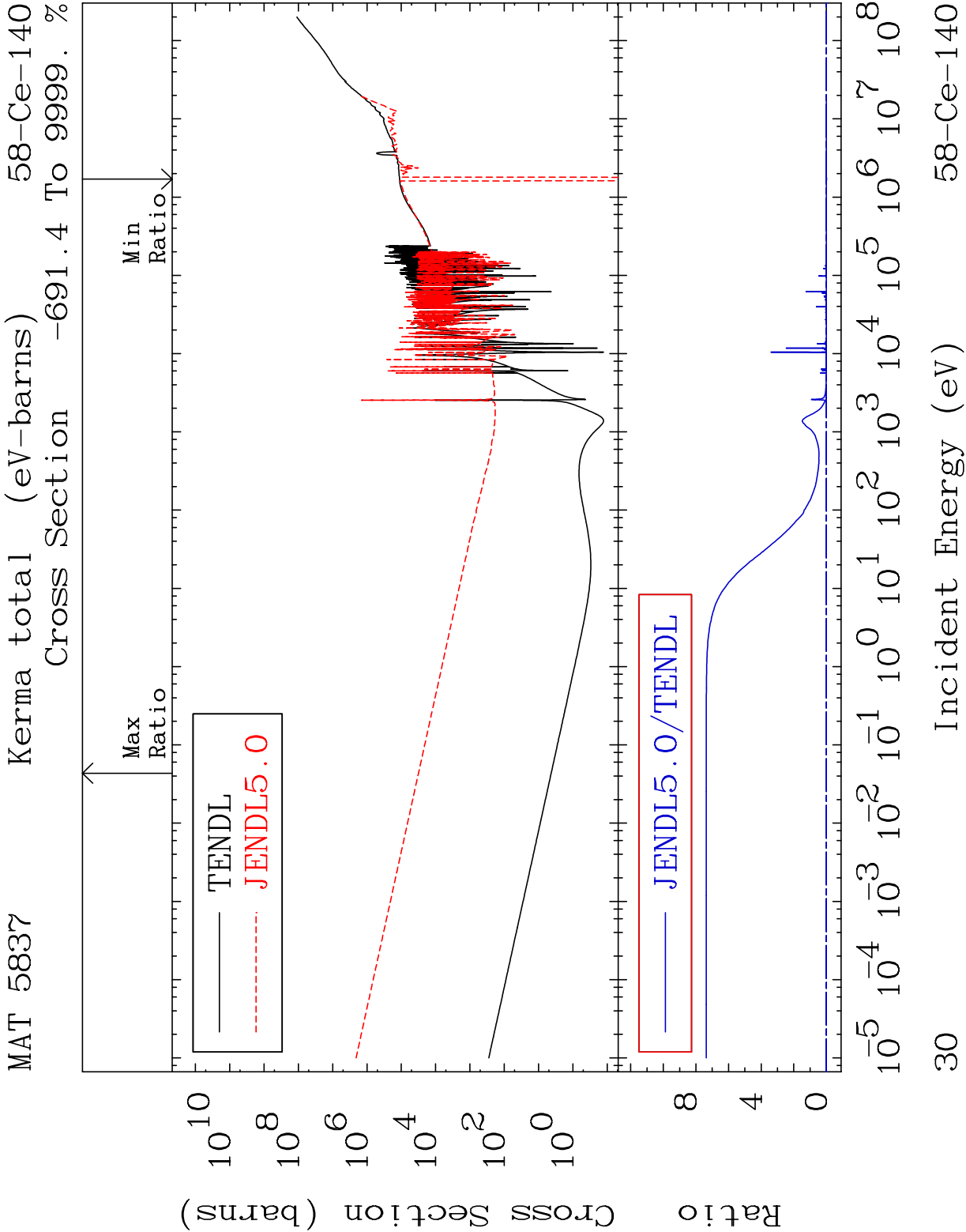
Incident Energy (eV)

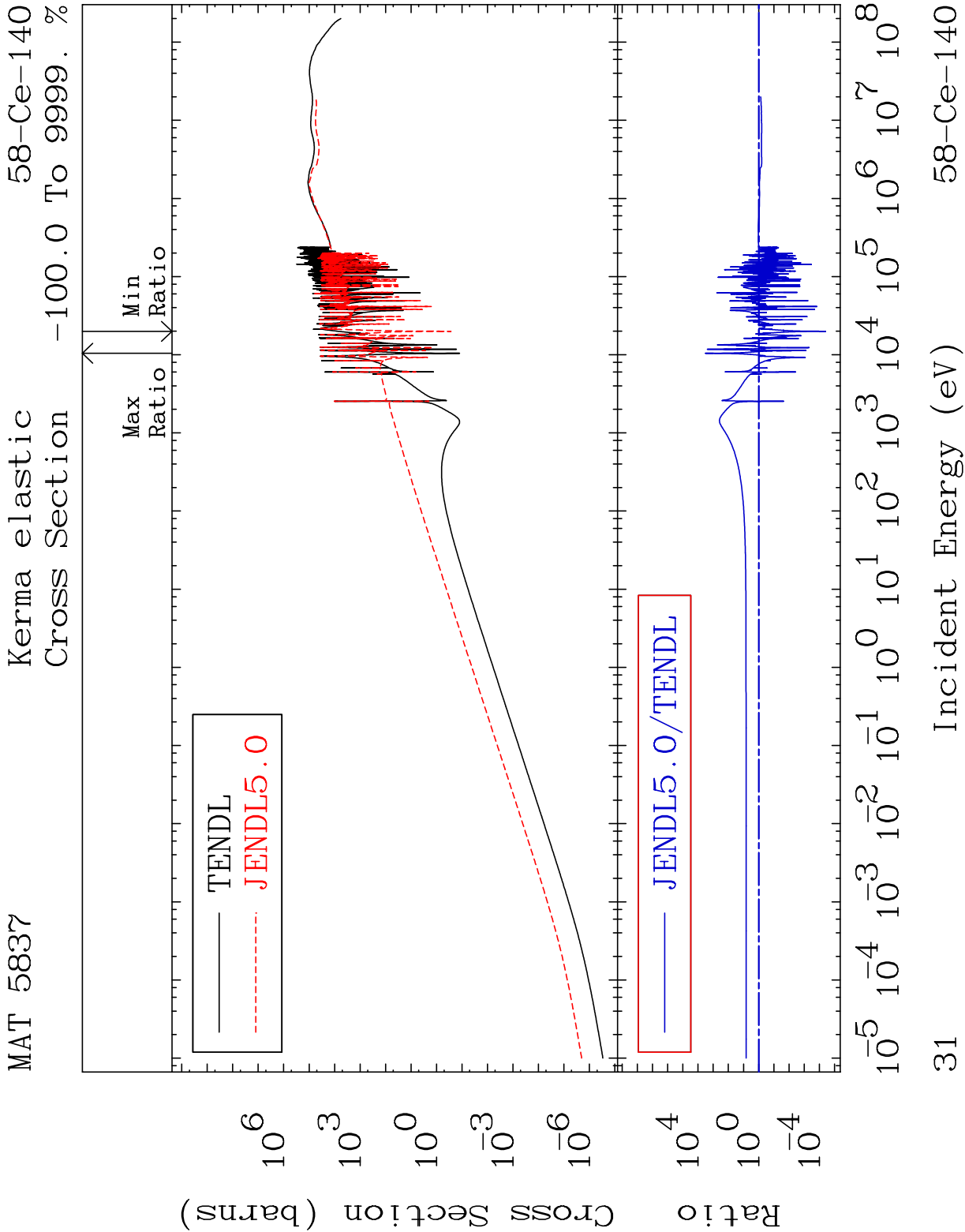
58-Ce-140

MAT 5837 He-4 Production 58-Ce-140
Cross Section -100.0 To 436.9 %

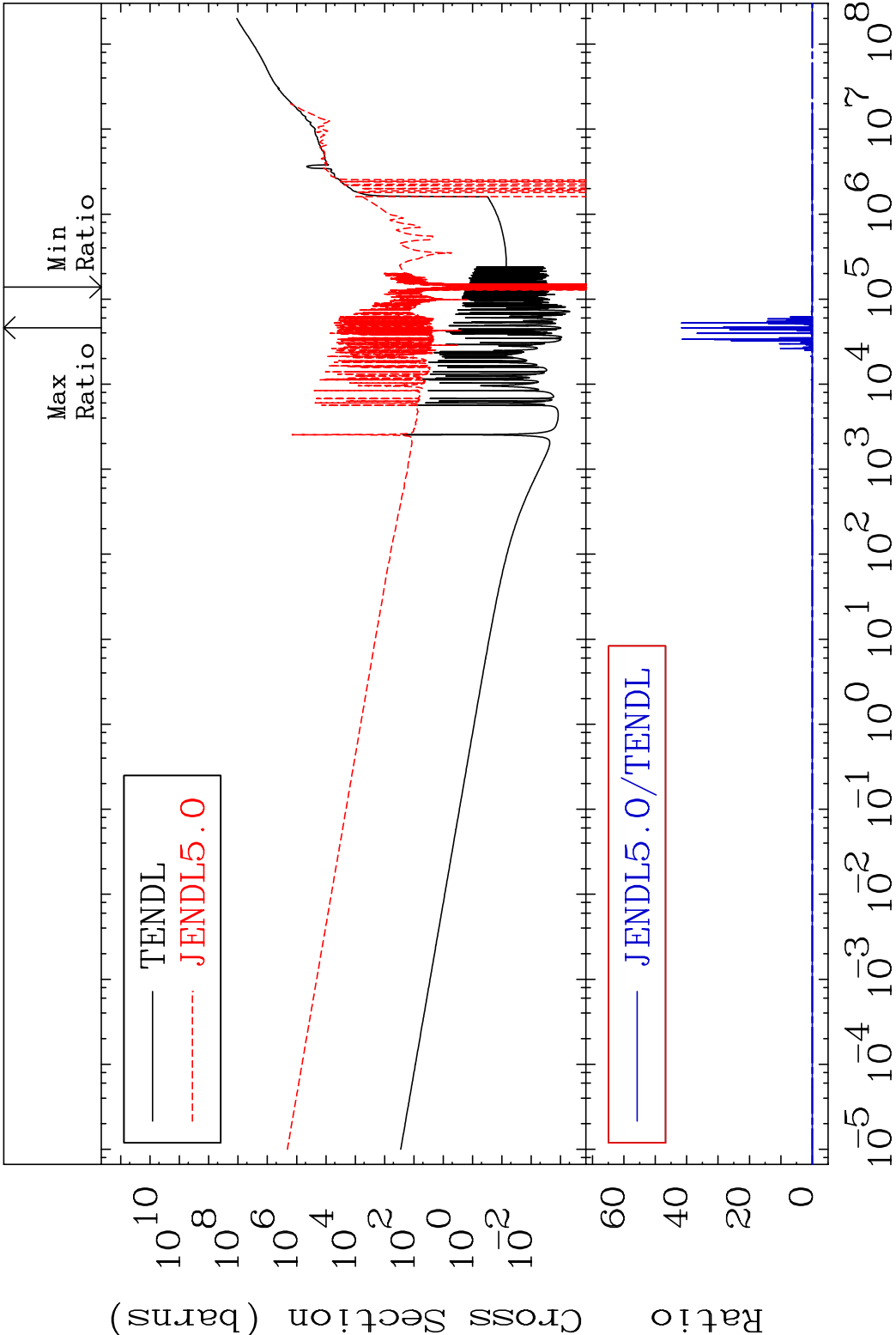


29 Incident Energy (eV) 58-Ce-140

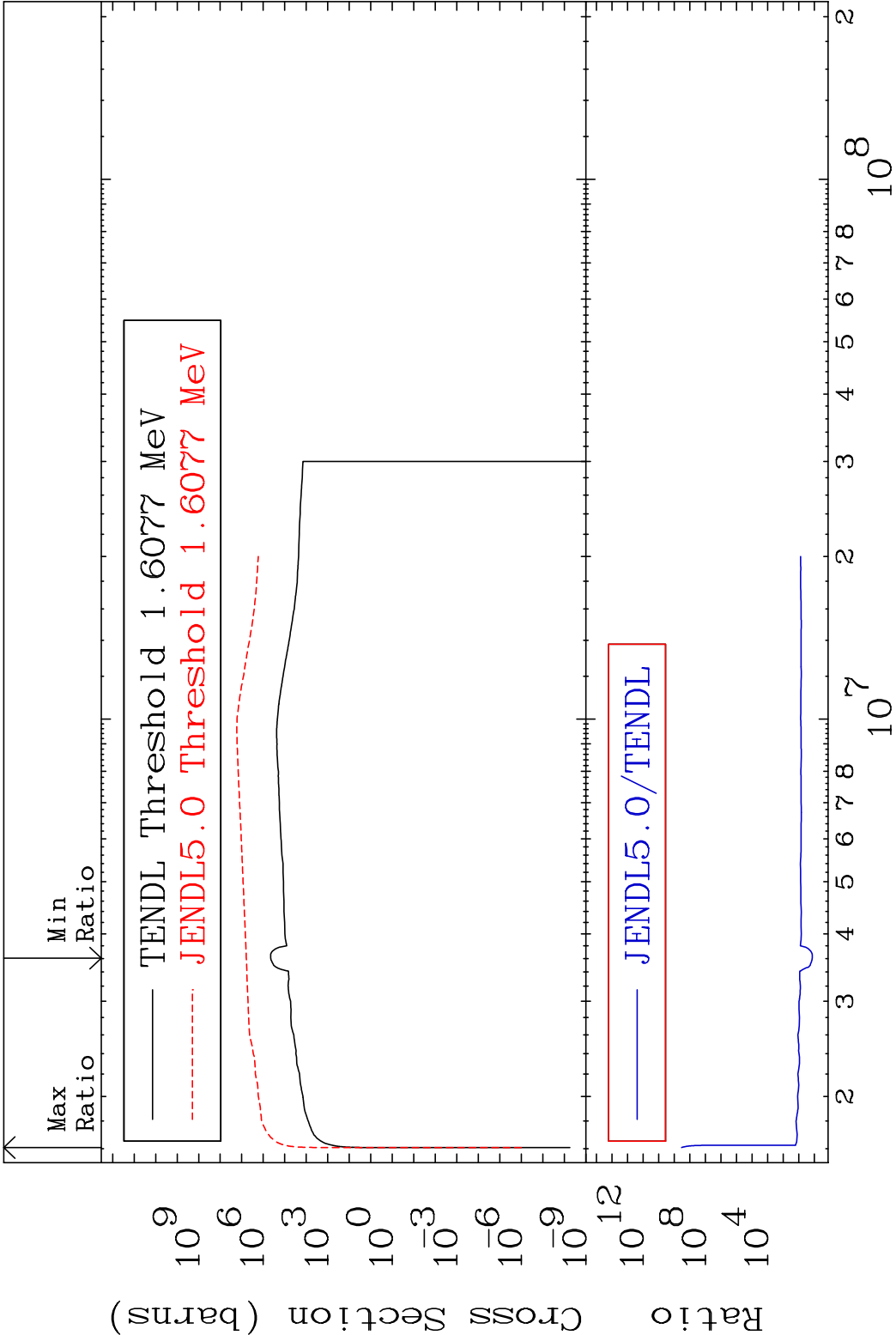




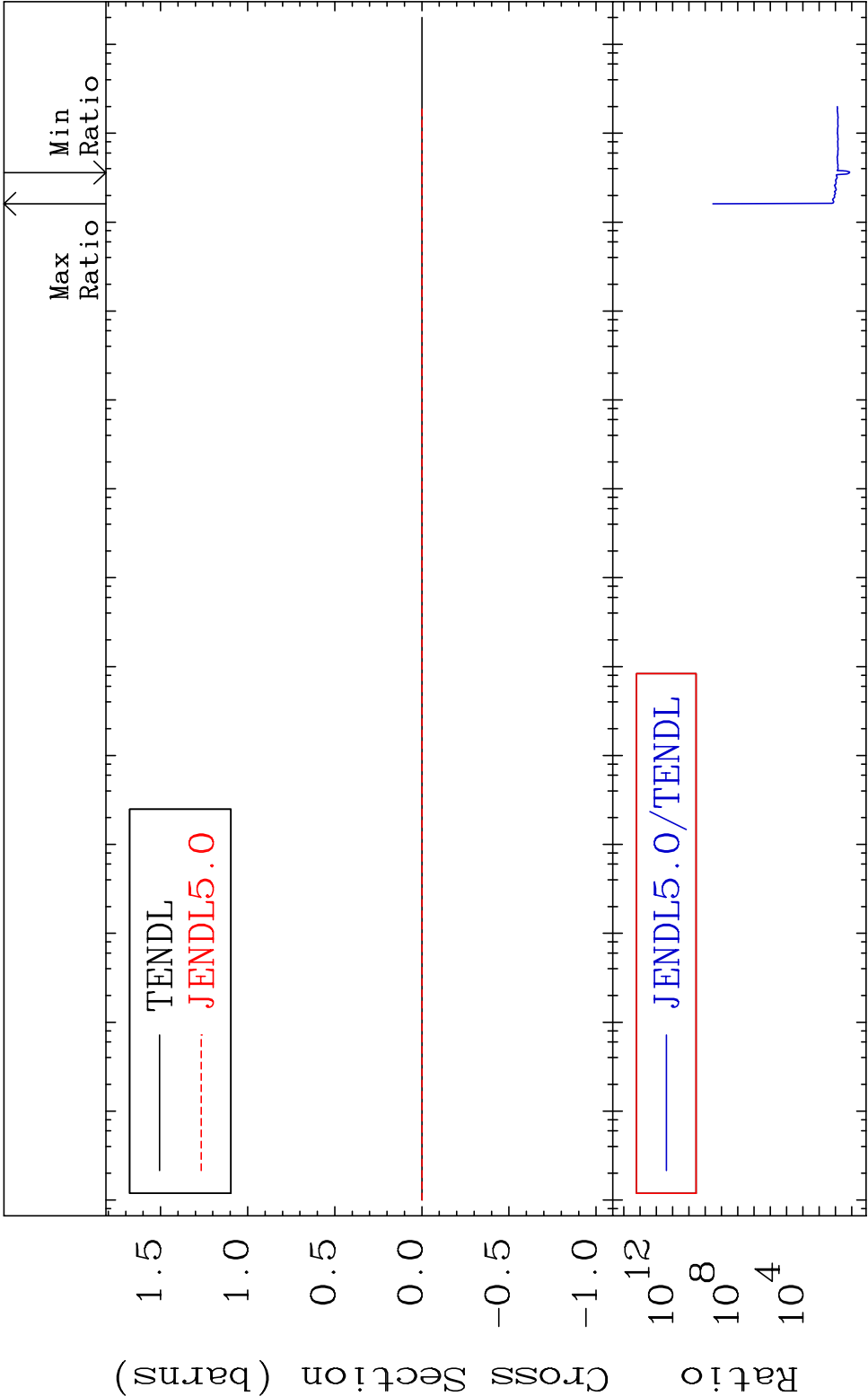
MAT 5837 Kerma non-elastic (all but mt2) 58-Ce-140
 Cross Section -9999. To 9999. %



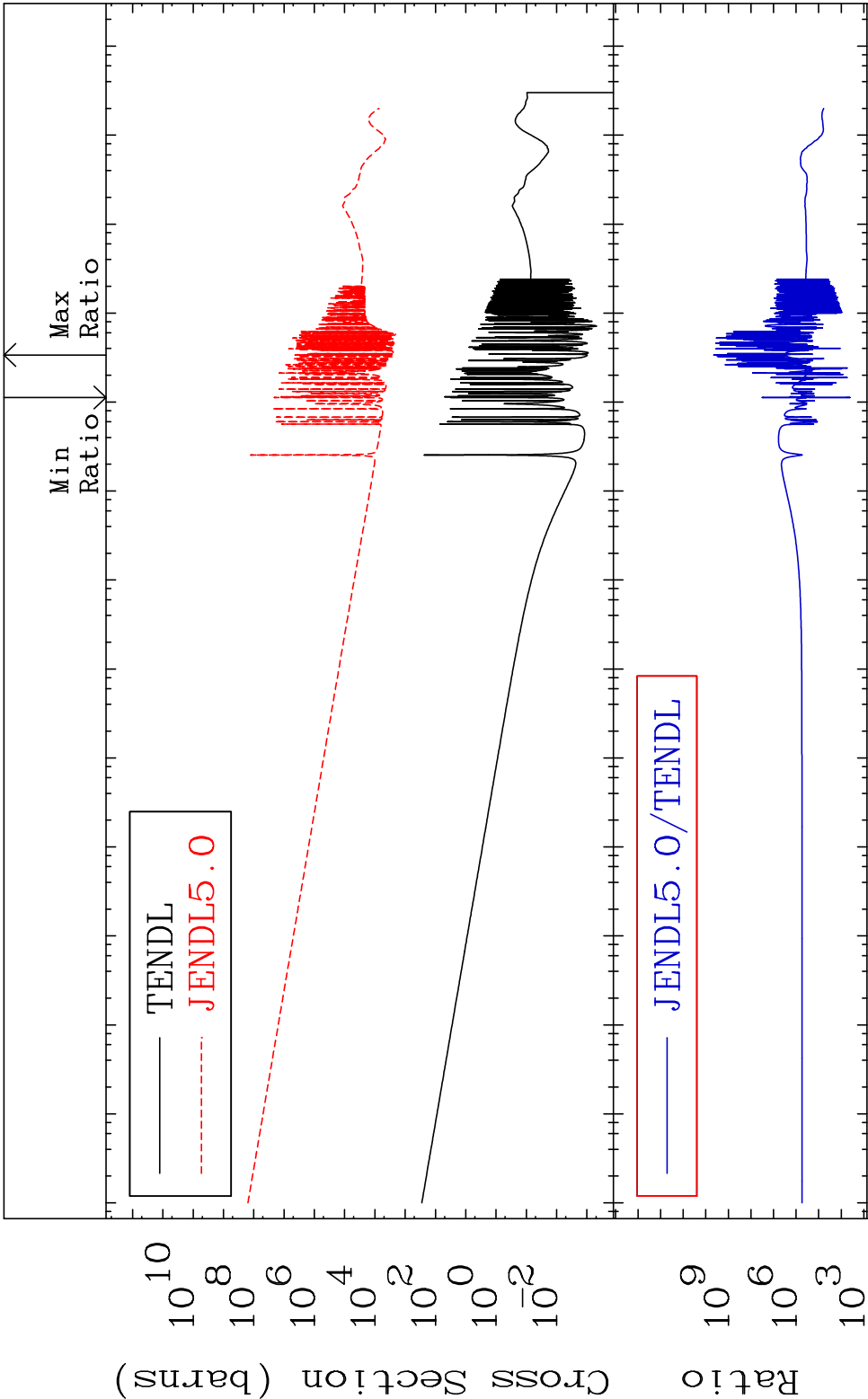
32 Incident Energy (eV) 58-Ce-140



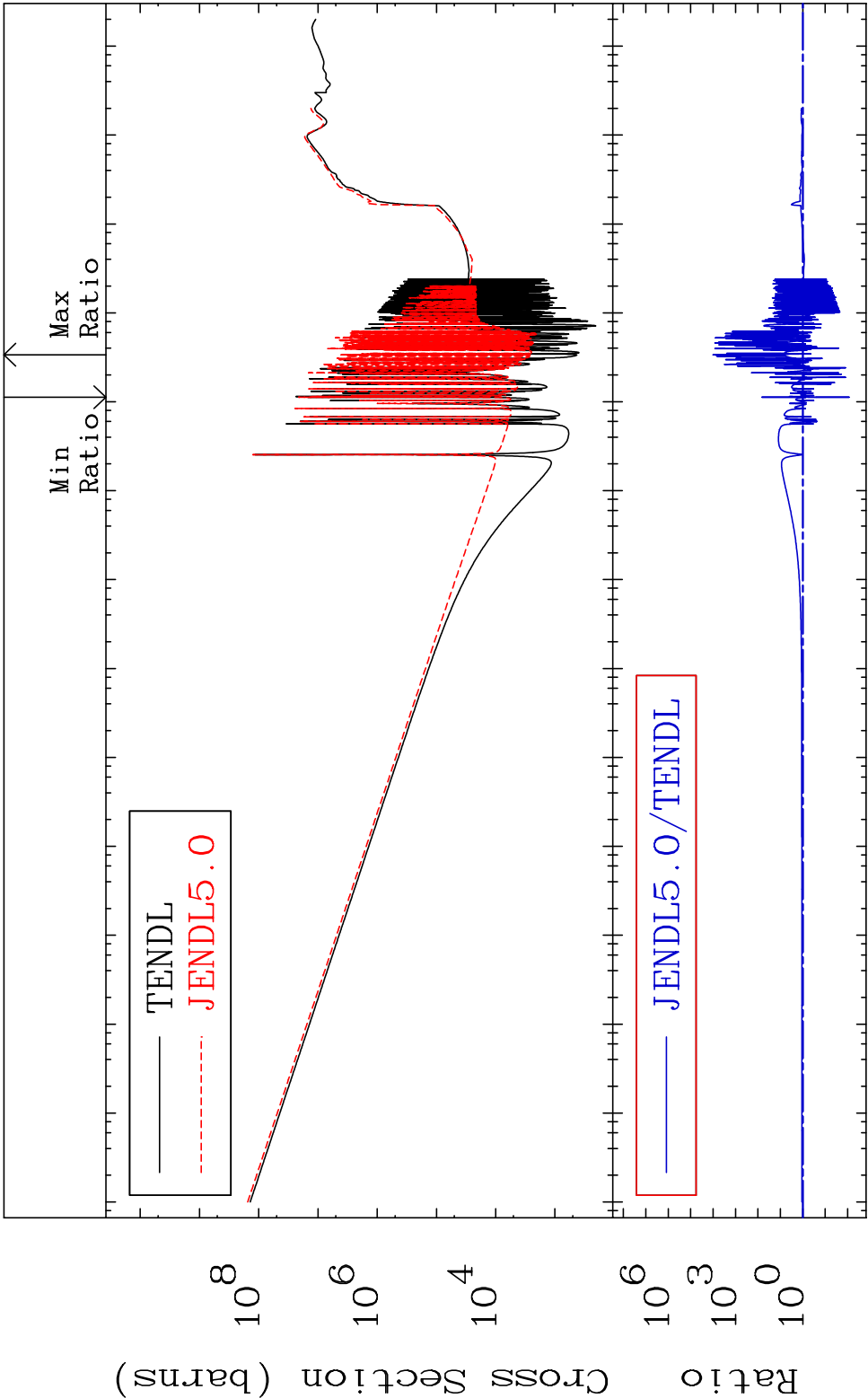
MAT 5837 Kerma fission (mt18 or mt19-20-21-38)58-Ce-140
Cross Section 1259. To 9999. %



34 Incident Energy (eV) 58-Ce-140

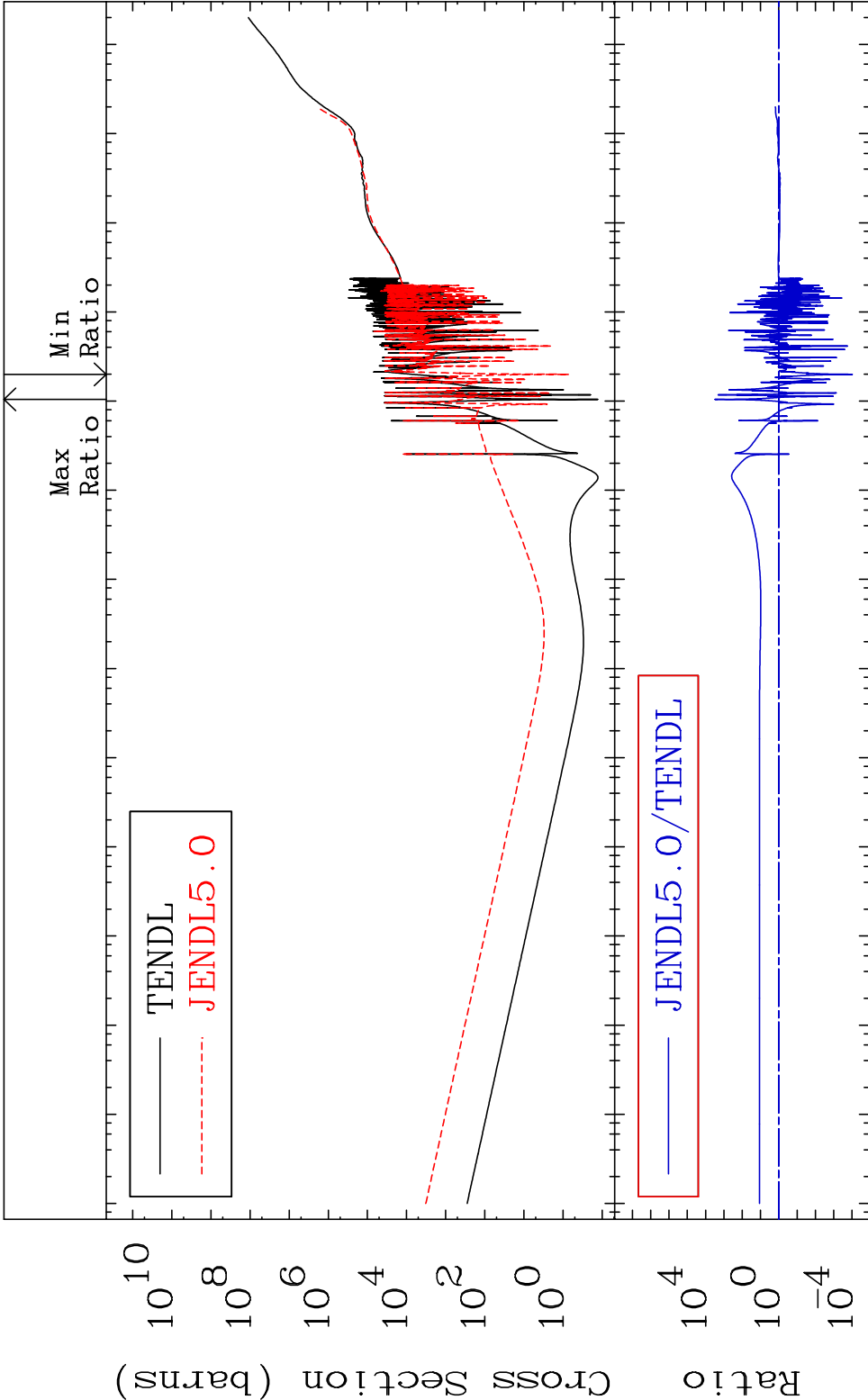


MAT 5837 Total photon (eV-barns) 58-Ce-140
Cross Section -99.18 To 9999. %



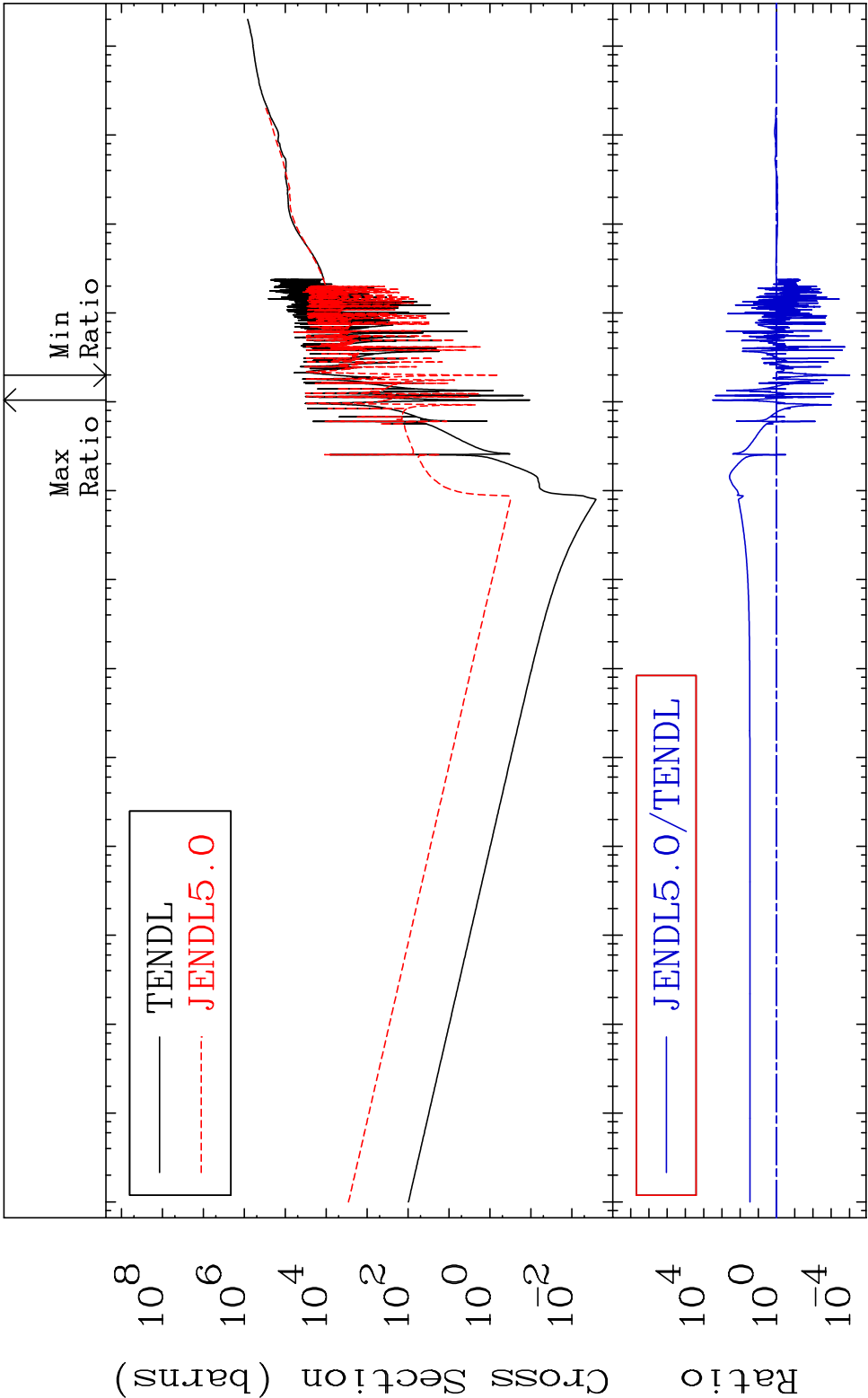
36 Incident Energy (eV) 58-Ce-140

MAT 5837 Total kinematic kerma (high limit) 58-Ce-140
Cross Section -99.99 To 9999. %



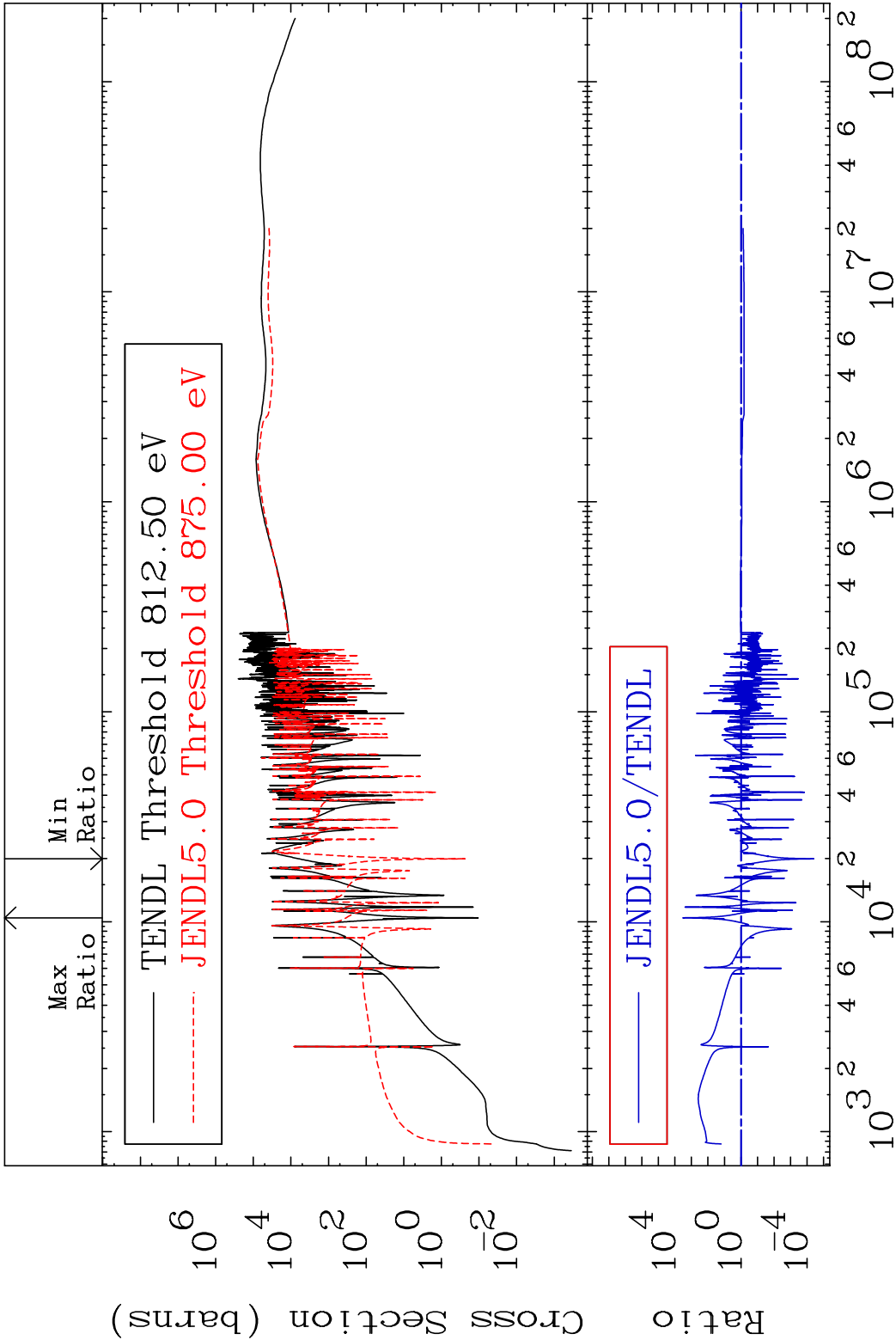
37 Incident Energy (eV) 58-Ce-140

MAT 5837 Dpa total (eV-barns) 58-Ce-140
Cross Section -99.99 To 9999. %

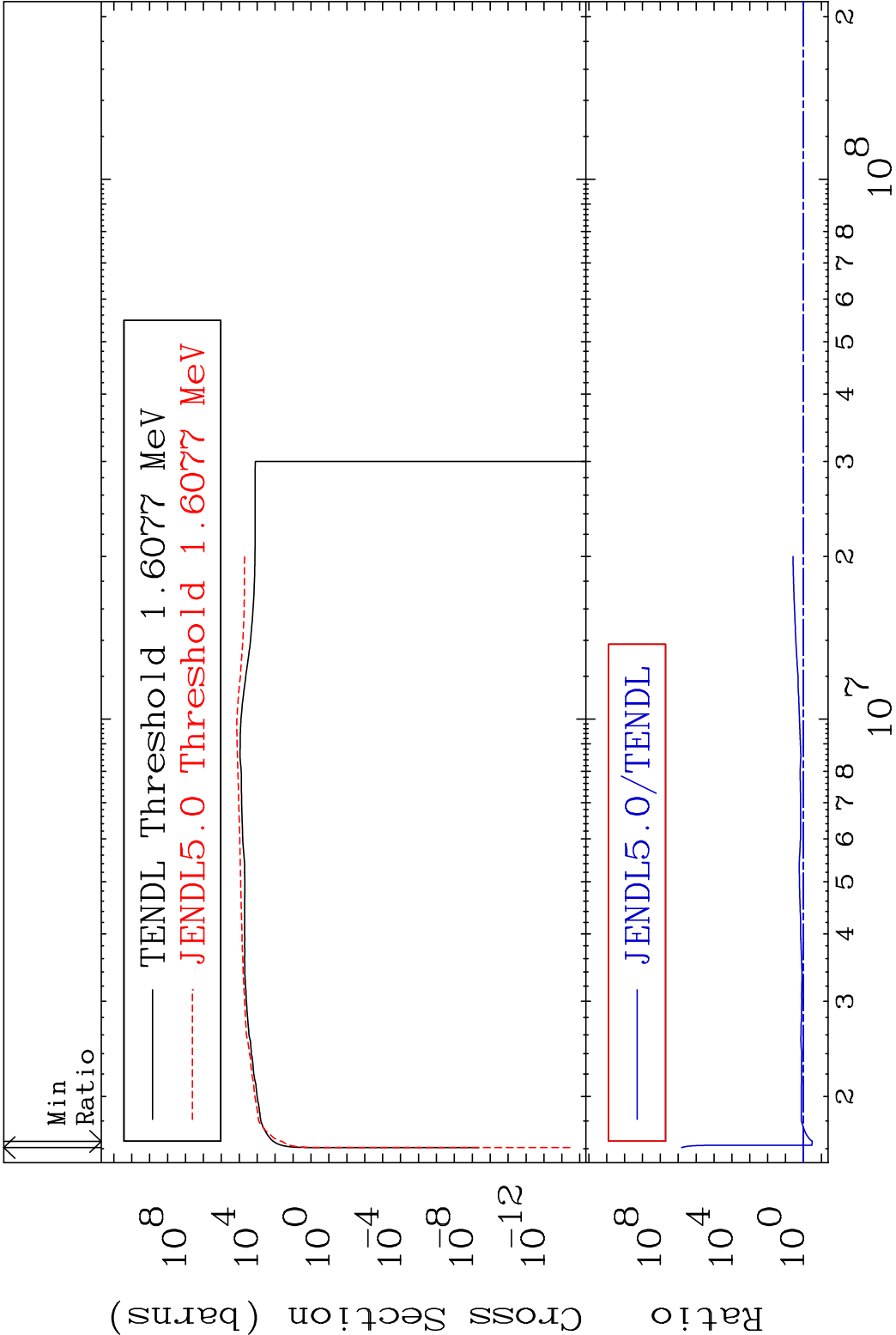


38 Incident Energy (eV) 58-Ce-140

MAT 5837 Dpa elastic (mt2) 58-Ce-140
 Cross Section -100.0 To 9999. %

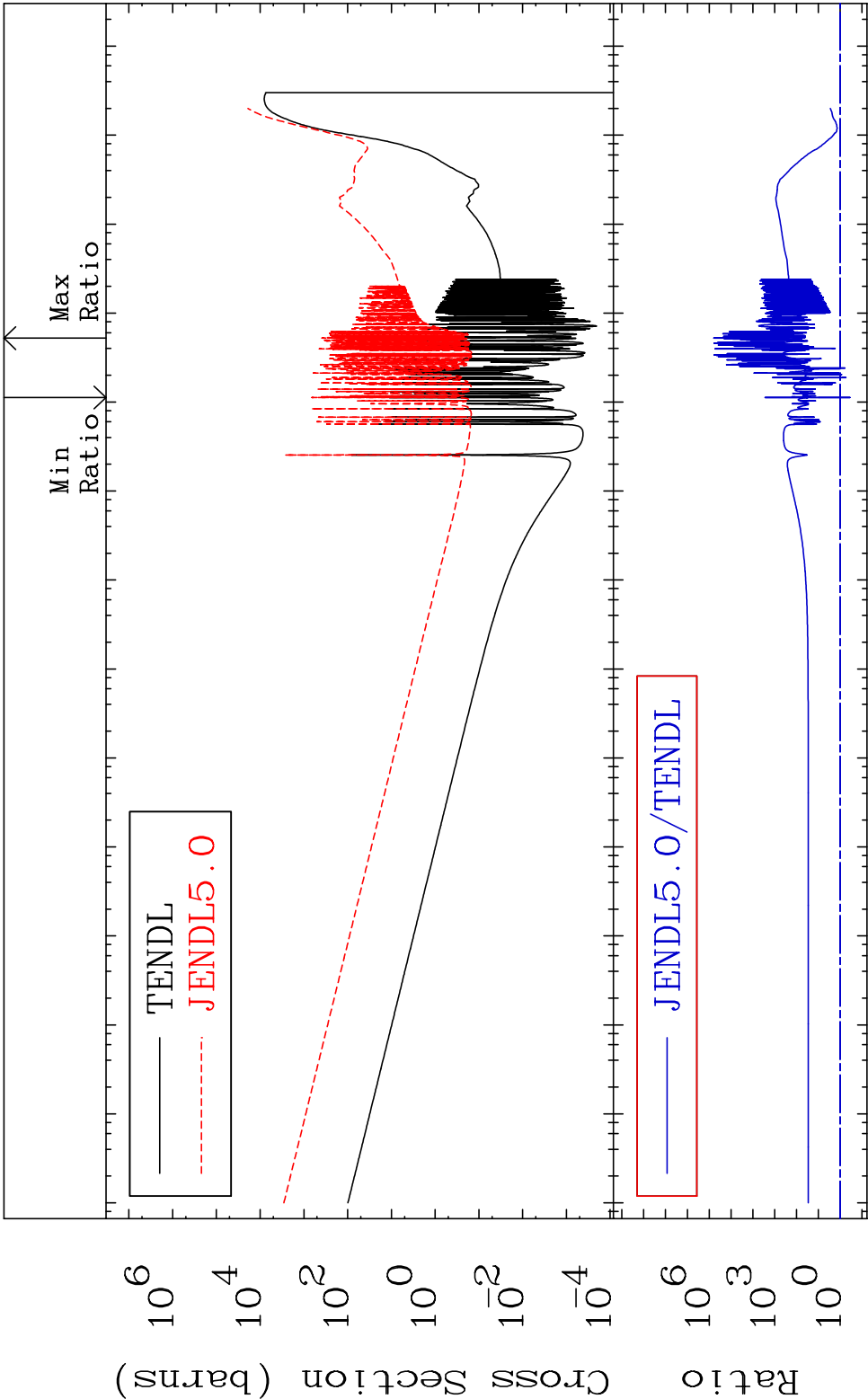


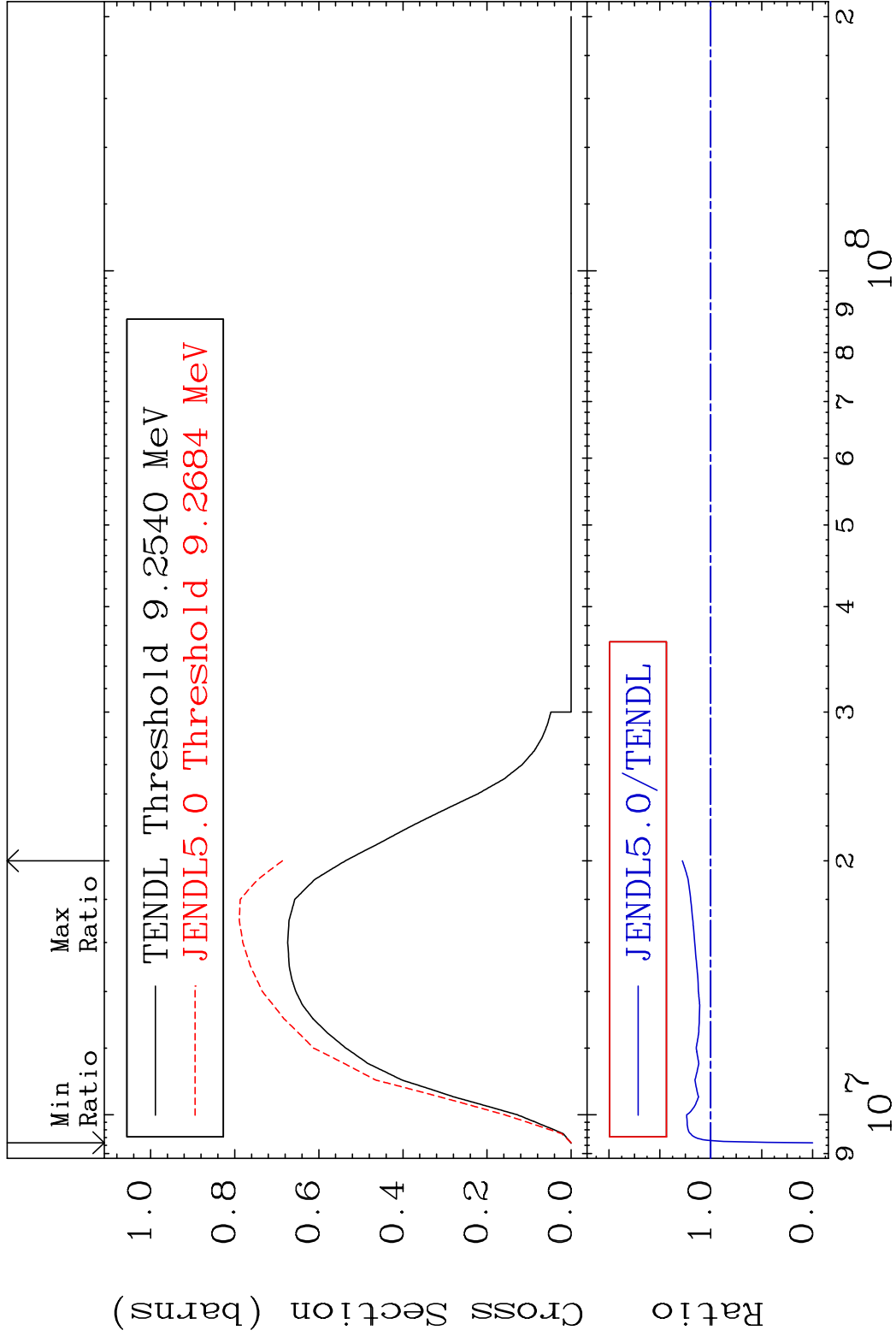
MAT 5837 Dpa inelastic (mt51-91) 58-Ce-140
Cross Section -67.65 To 9999. %

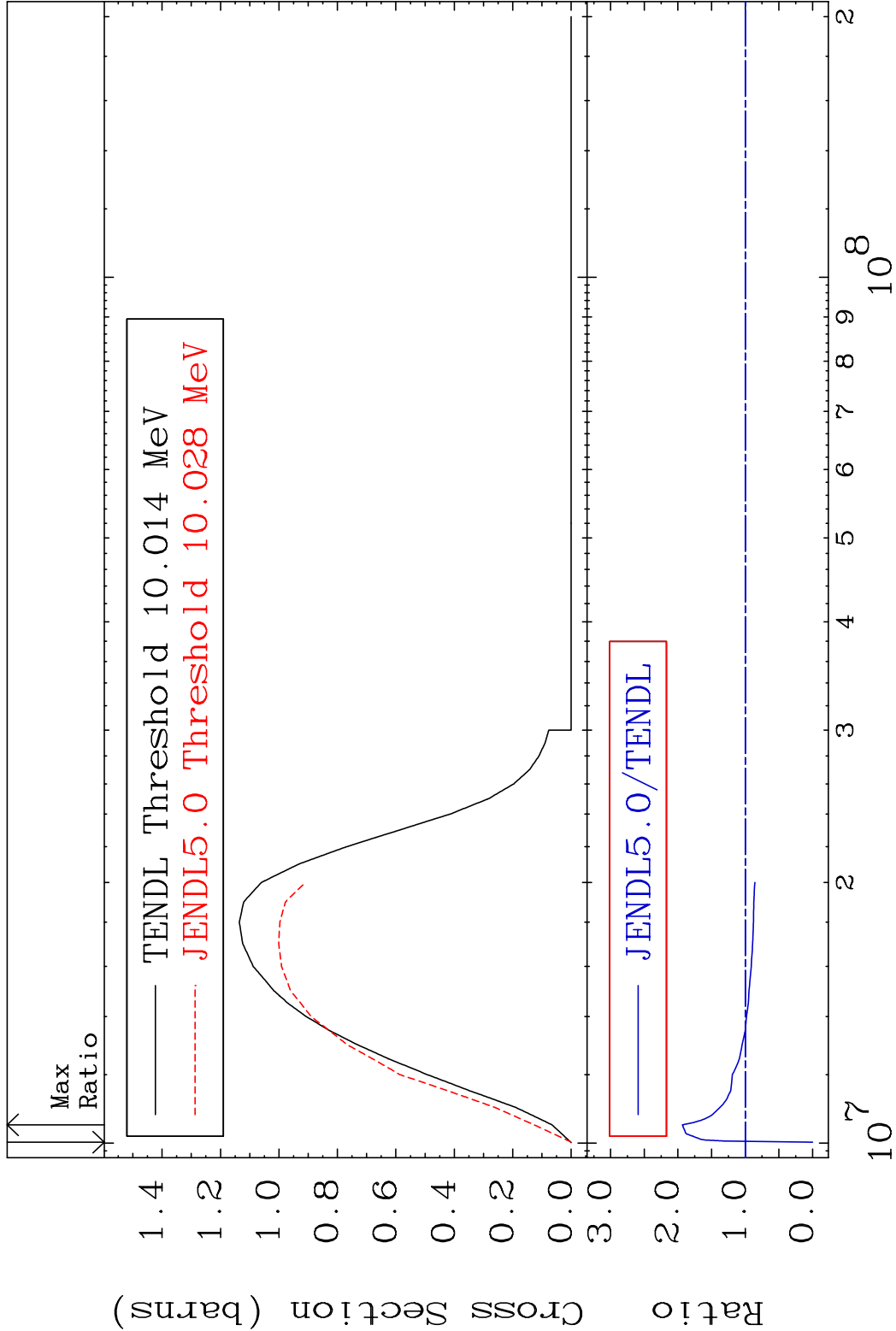


40 Incident Energy (eV) 58-Ce-140

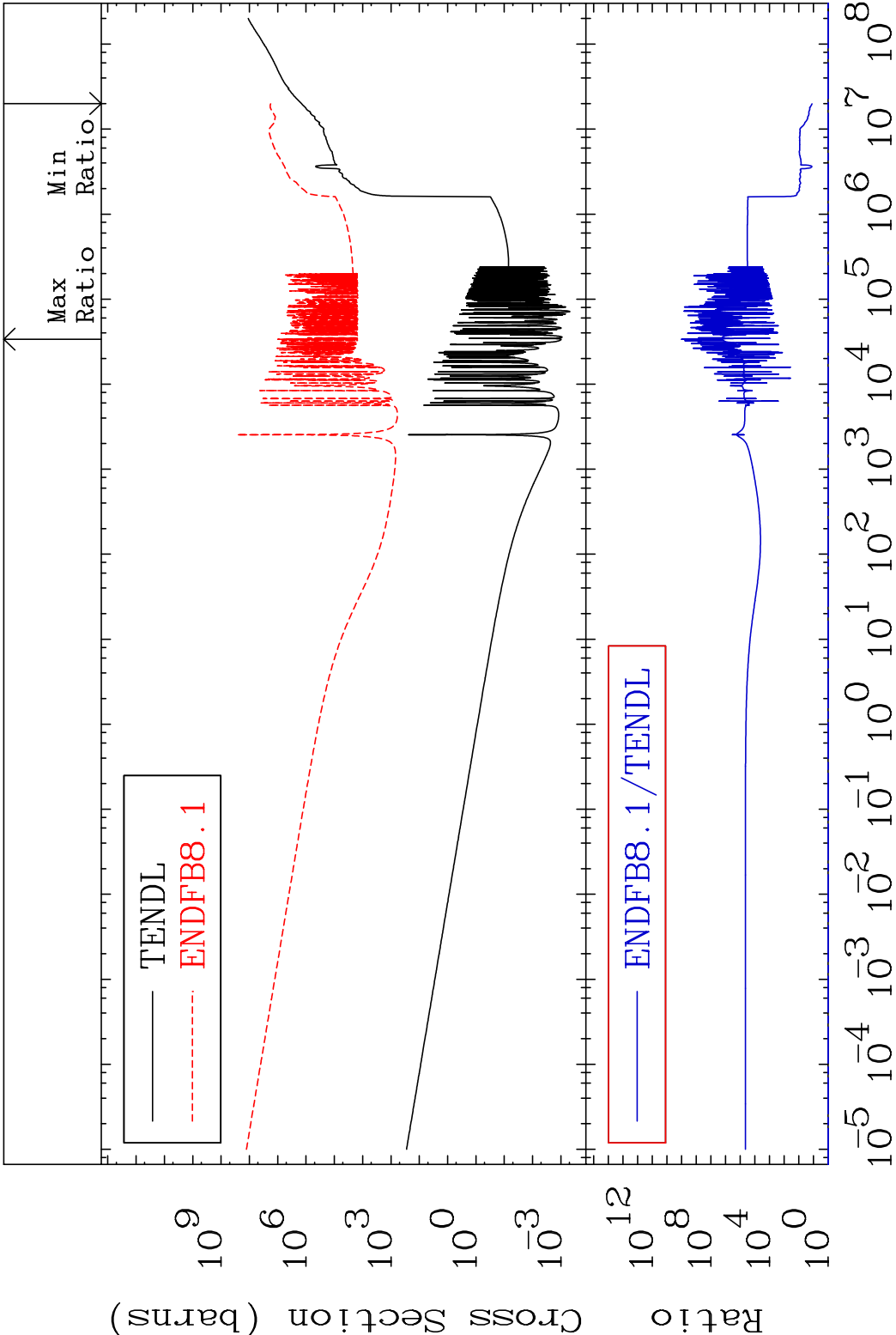
MAT 5837 Dpa disappearance (mt102 -120) 58-Ce-140
 Cross Section -65.82 To 9999. %

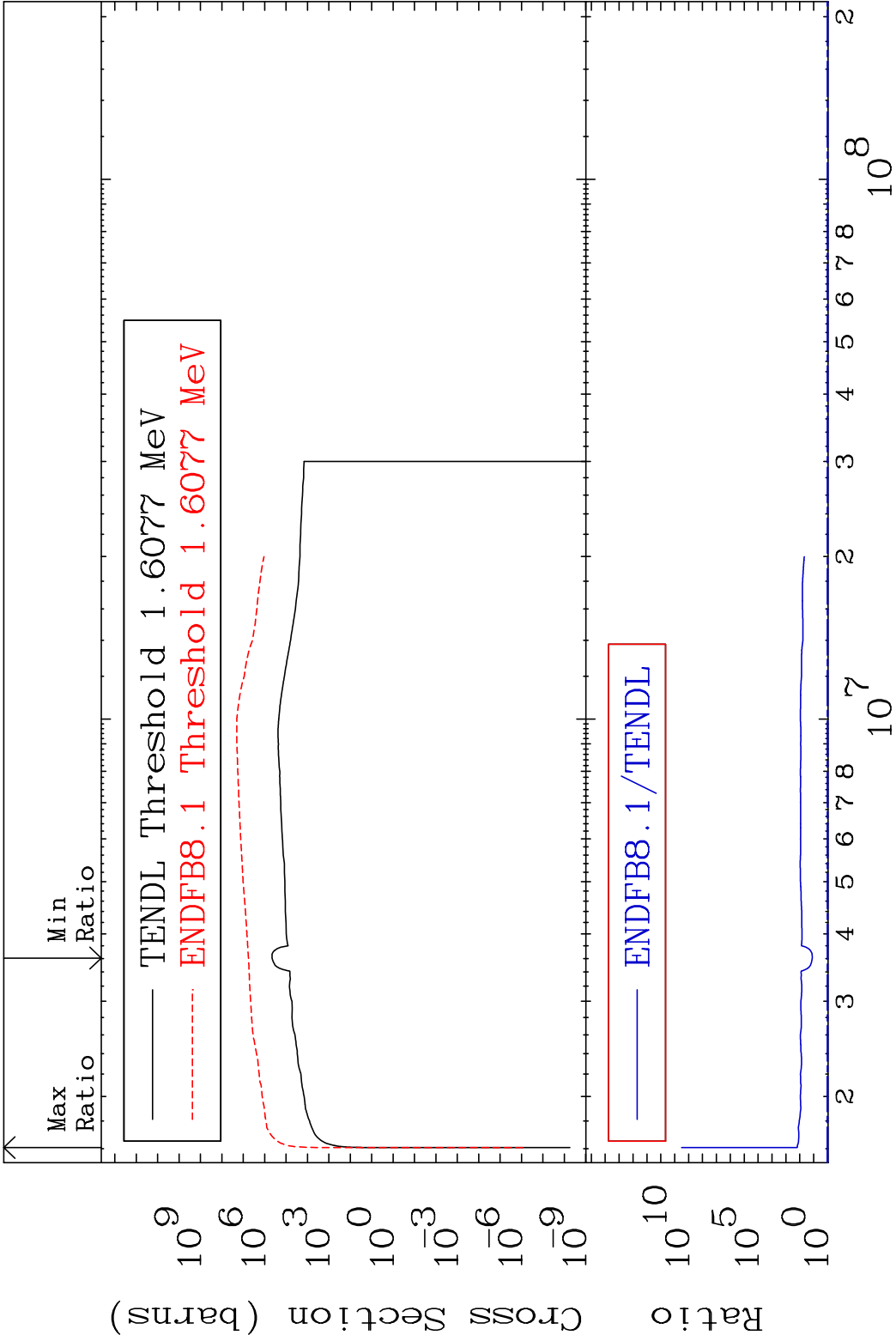




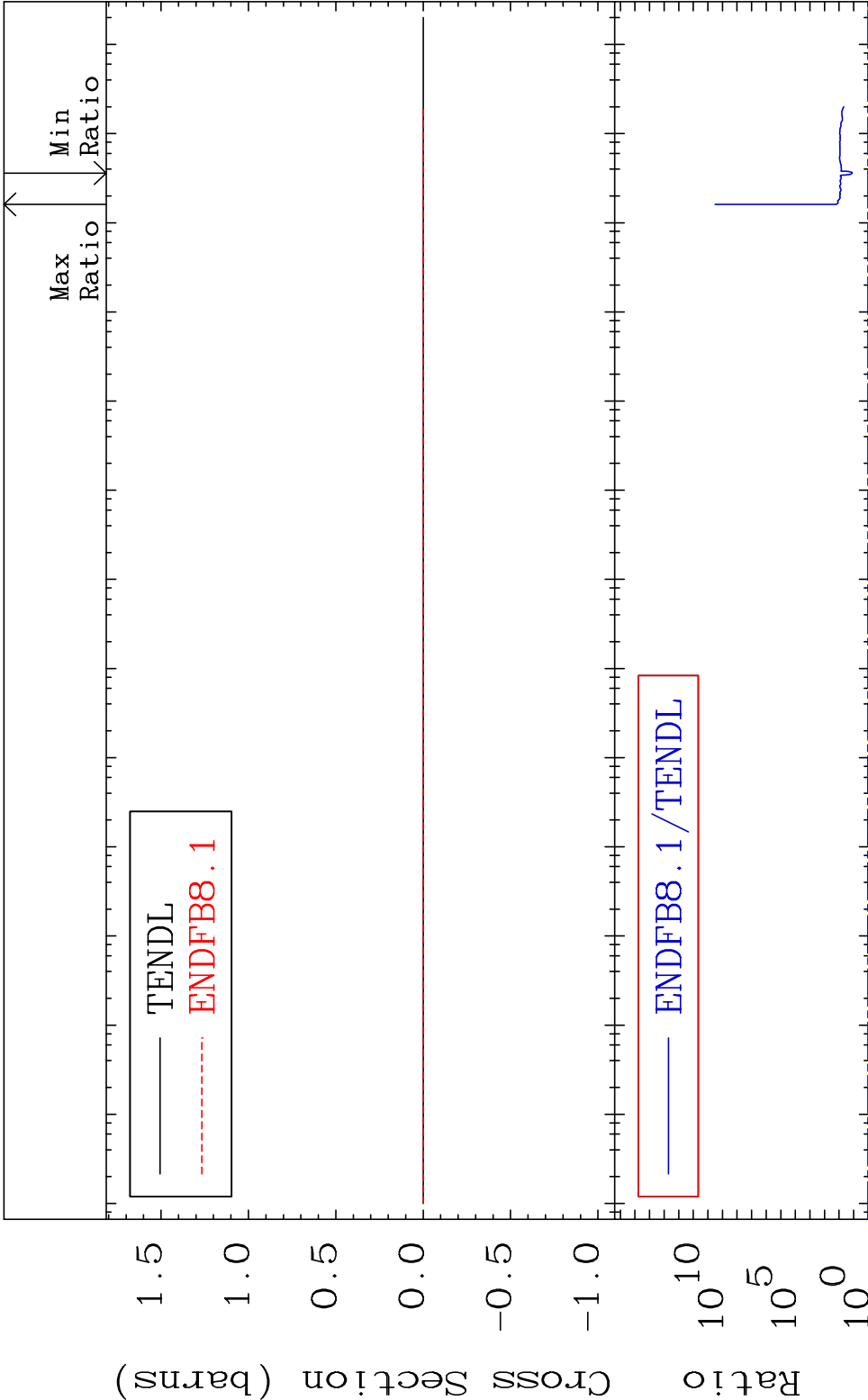


MAT 5837 Kerma non-elastic (all but mt2) 58-Ce-140
 Cross Section 1123. To 9999. %

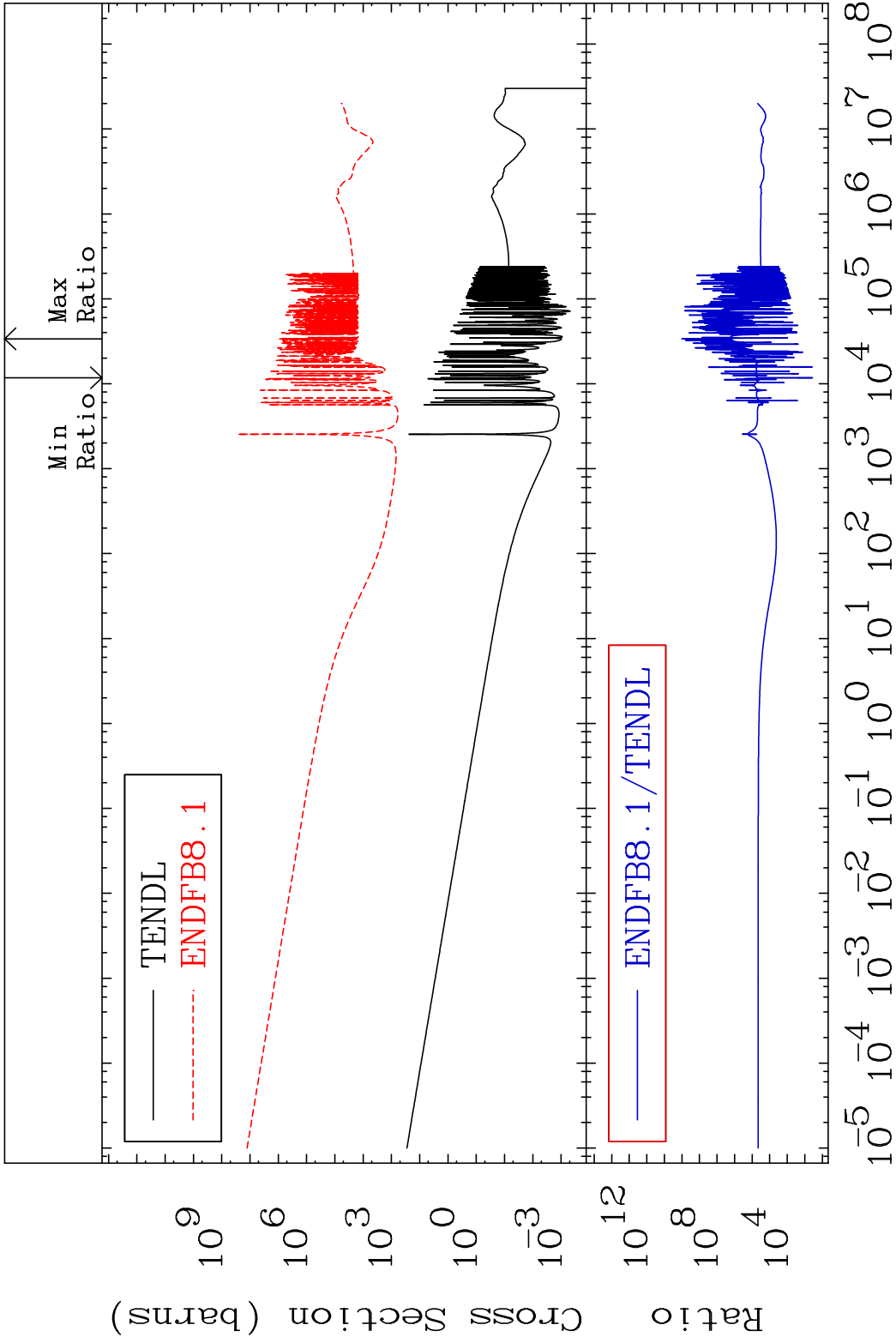




MAT 5837 Kerma fission (mt18 or mt19-20-21-38)58-Ce-140
Cross Section 1175. To 9999. %



MAT 5837 Kerma capture (mt102) 58-Ce-140
Cross Section 9999. To 9999. %



47 Incident Energy (eV) 58-Ce-140

MAT 5837

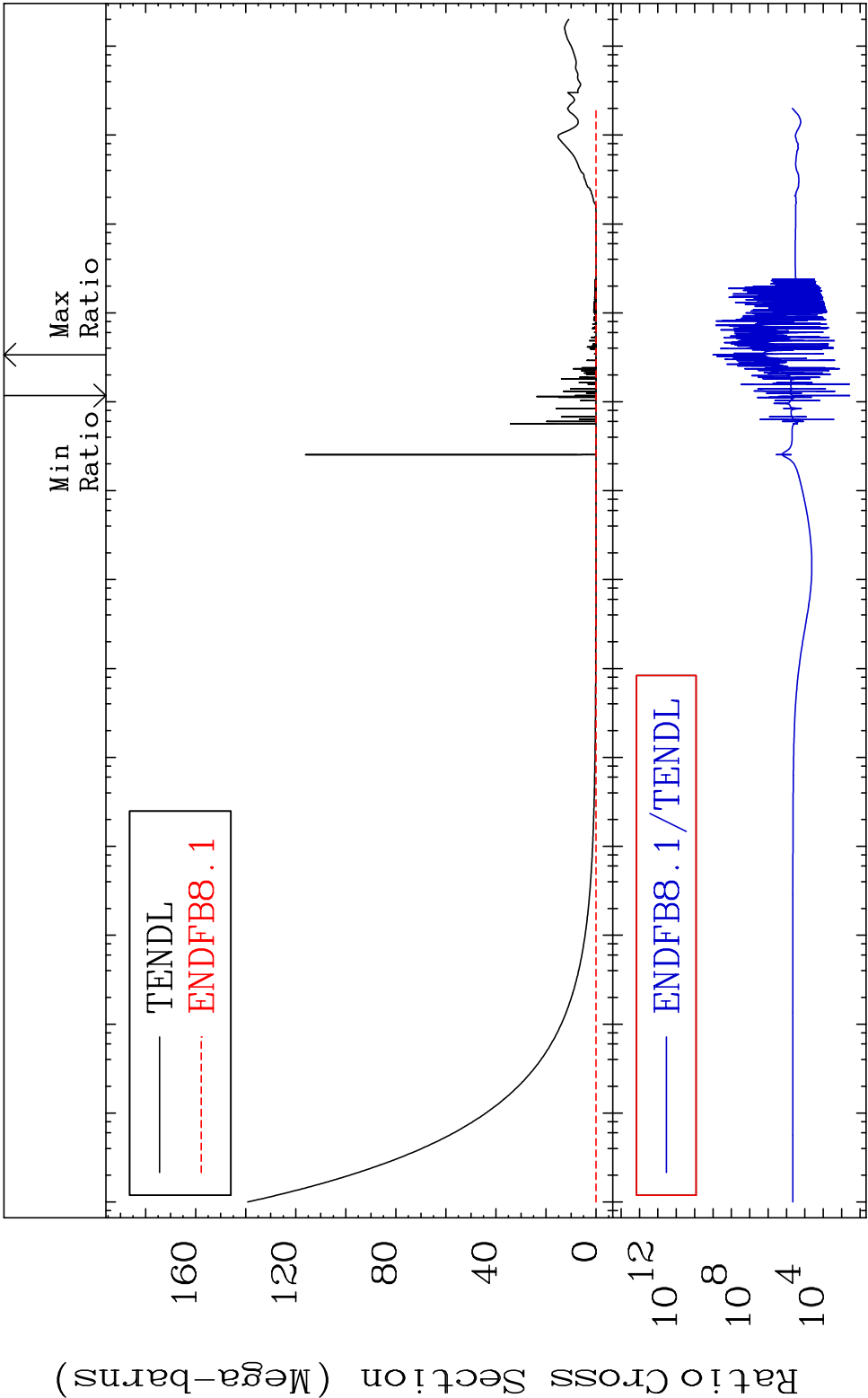
Total photon (eV-barns)

58-Ce-140

Cross Section

9999. %

To 9999. %

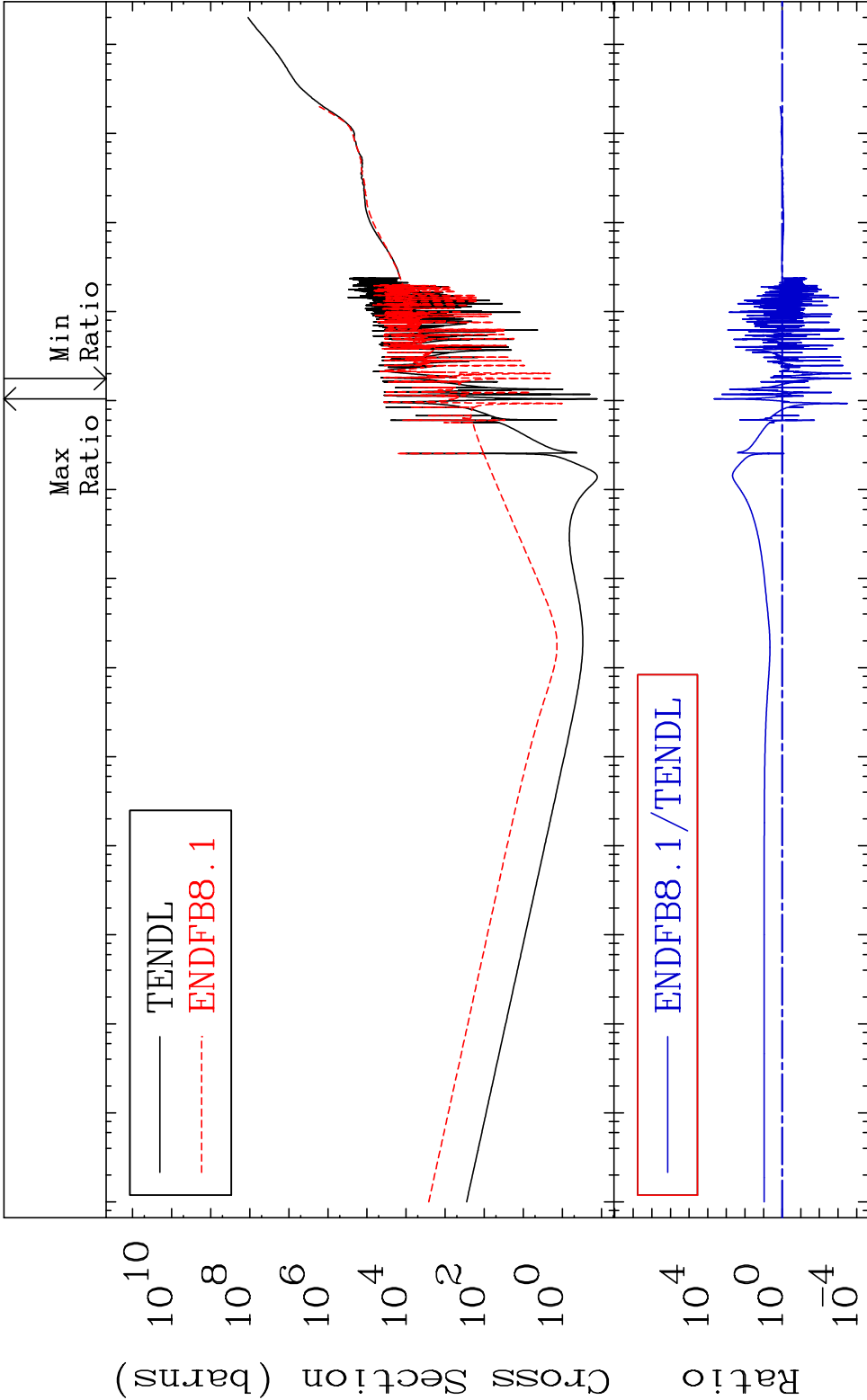


48

Incident Energy (eV)

58-Ce-140

MAT 5837 Total kinematic kerma (high limit) 58-Ce-140
Cross Section -99.98 To 9999. %



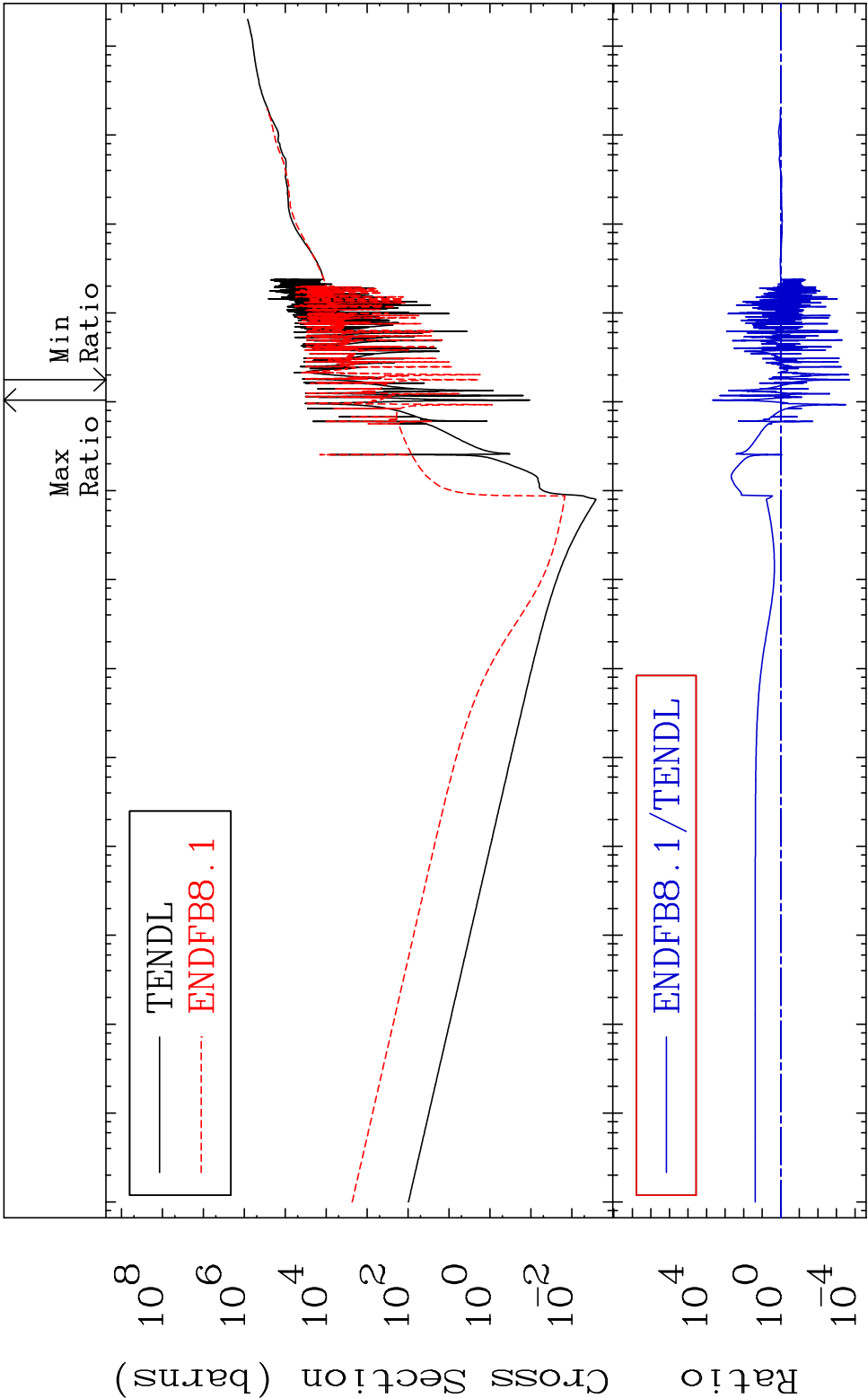
MAT 5837

Dpa total (eV-barns)

58-Ce-140

Cross Section

-99.98 To 9999. %



50

Incident Energy (eV)

58-Ce-140

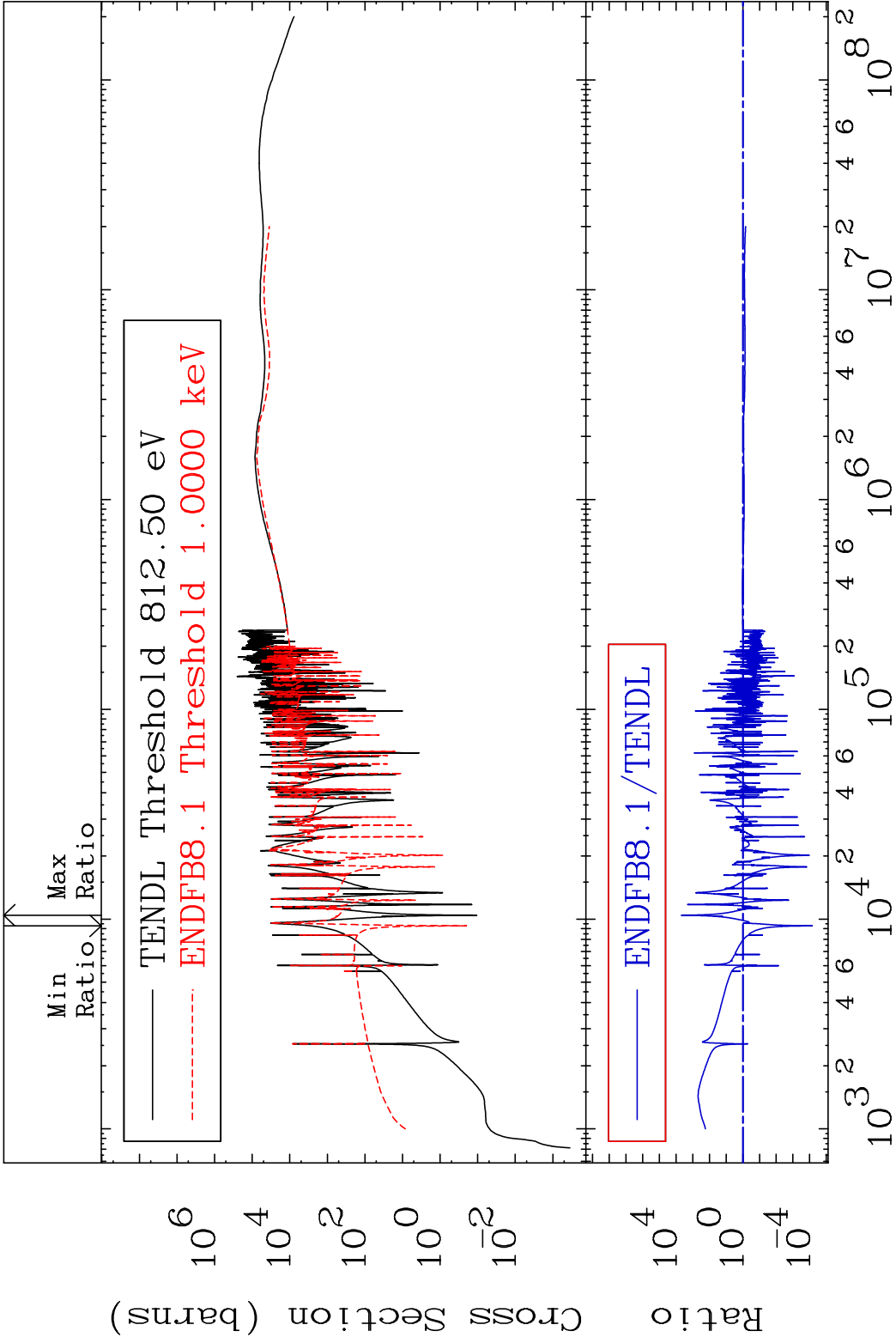
MAT 5837

Dpa elastic (mt2)

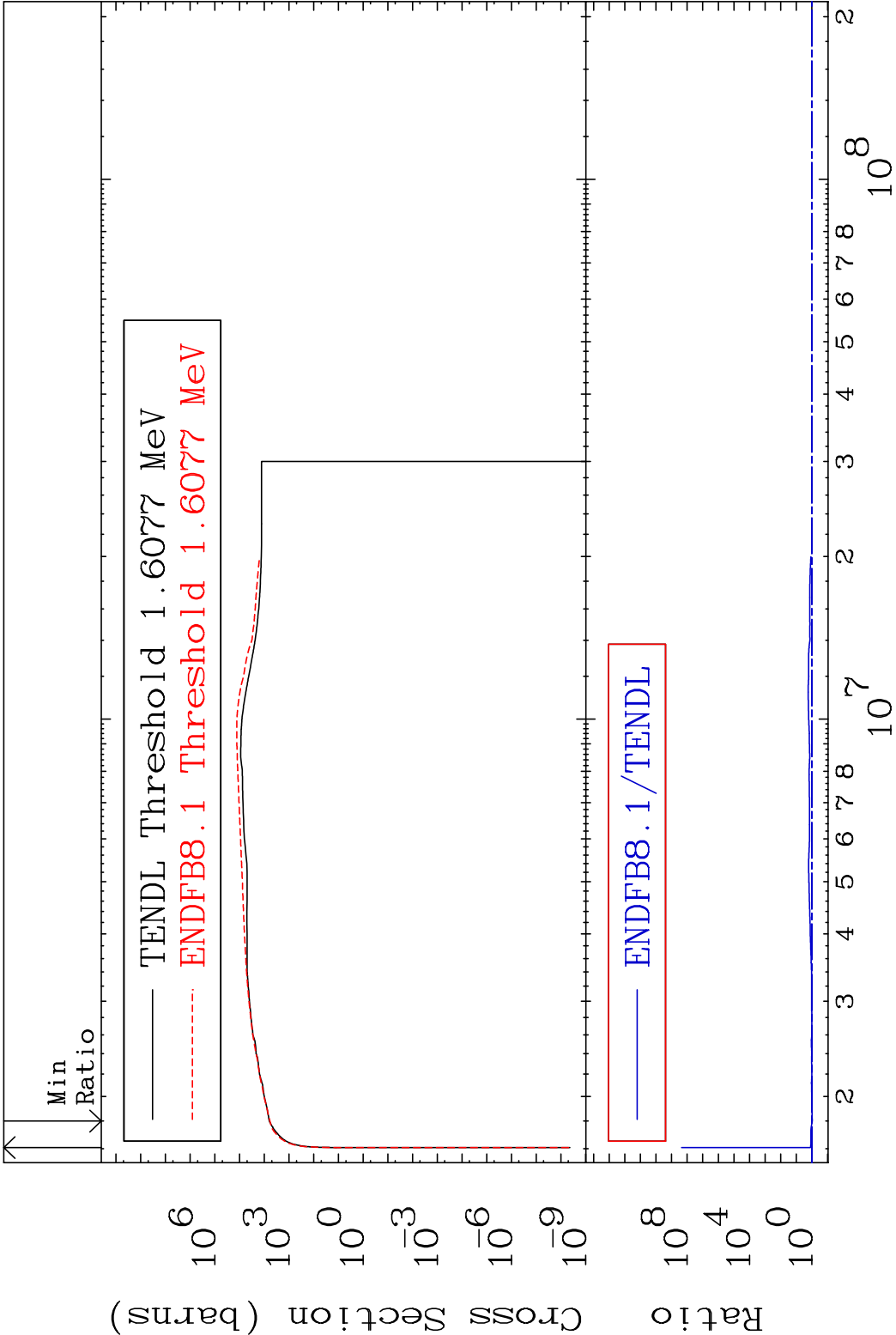
58-Ce-140

Cross Section

-99.99 To 9999. %



MAT 5837	Dpa inelastic (mt51-91)	58-Ce-140
	Cross Section	-4.397 To 9999. %



MAT 5837 Dpa disappearance (mt102 -120) 58-Ce-140
 Cross Section -96.75 To 9999. %

