

Program Complot
(Version 2021-1)

by

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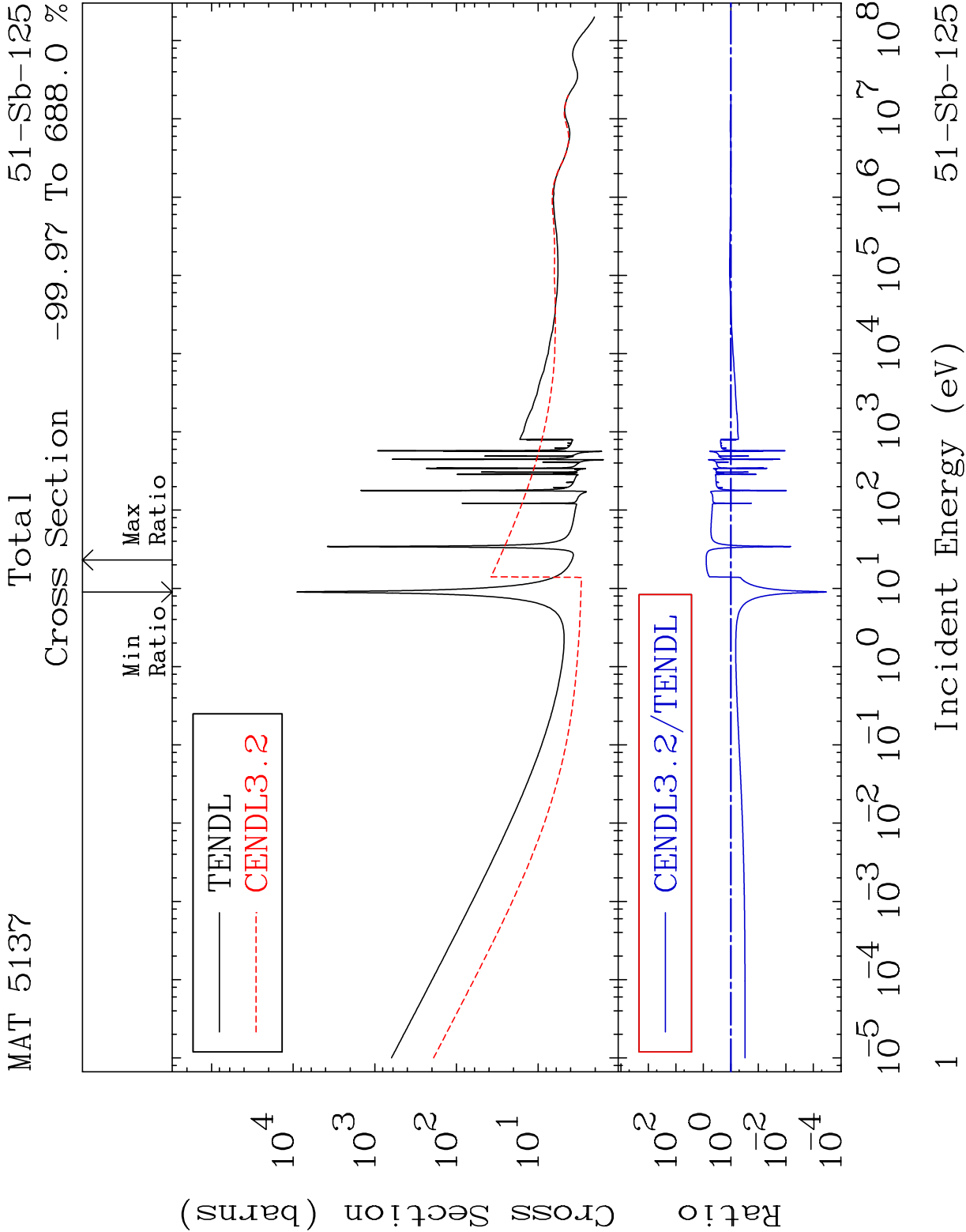
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

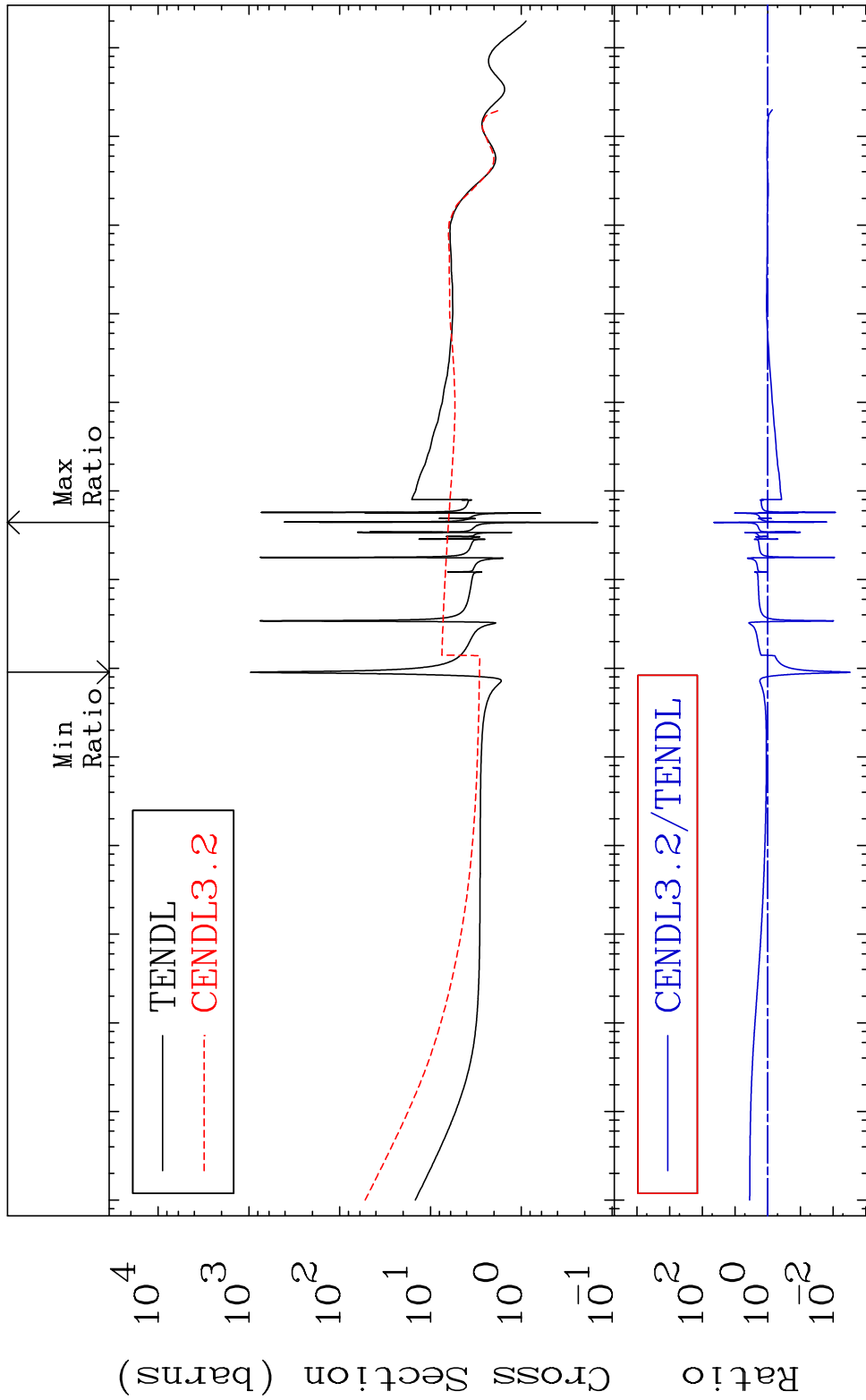


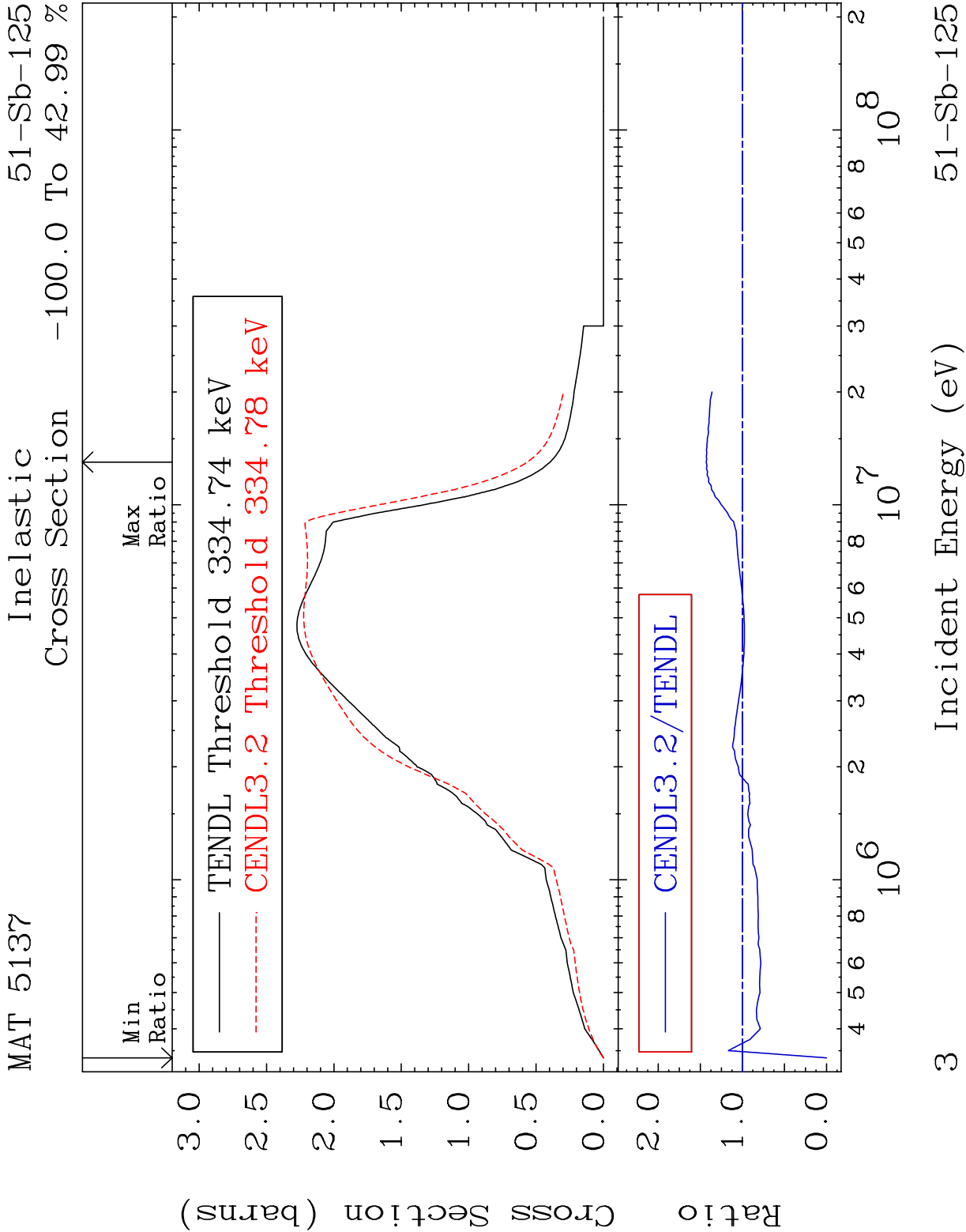
MAT 5137

Elastic

51-Sb-125

Cross Section -99.70 To 4291. %



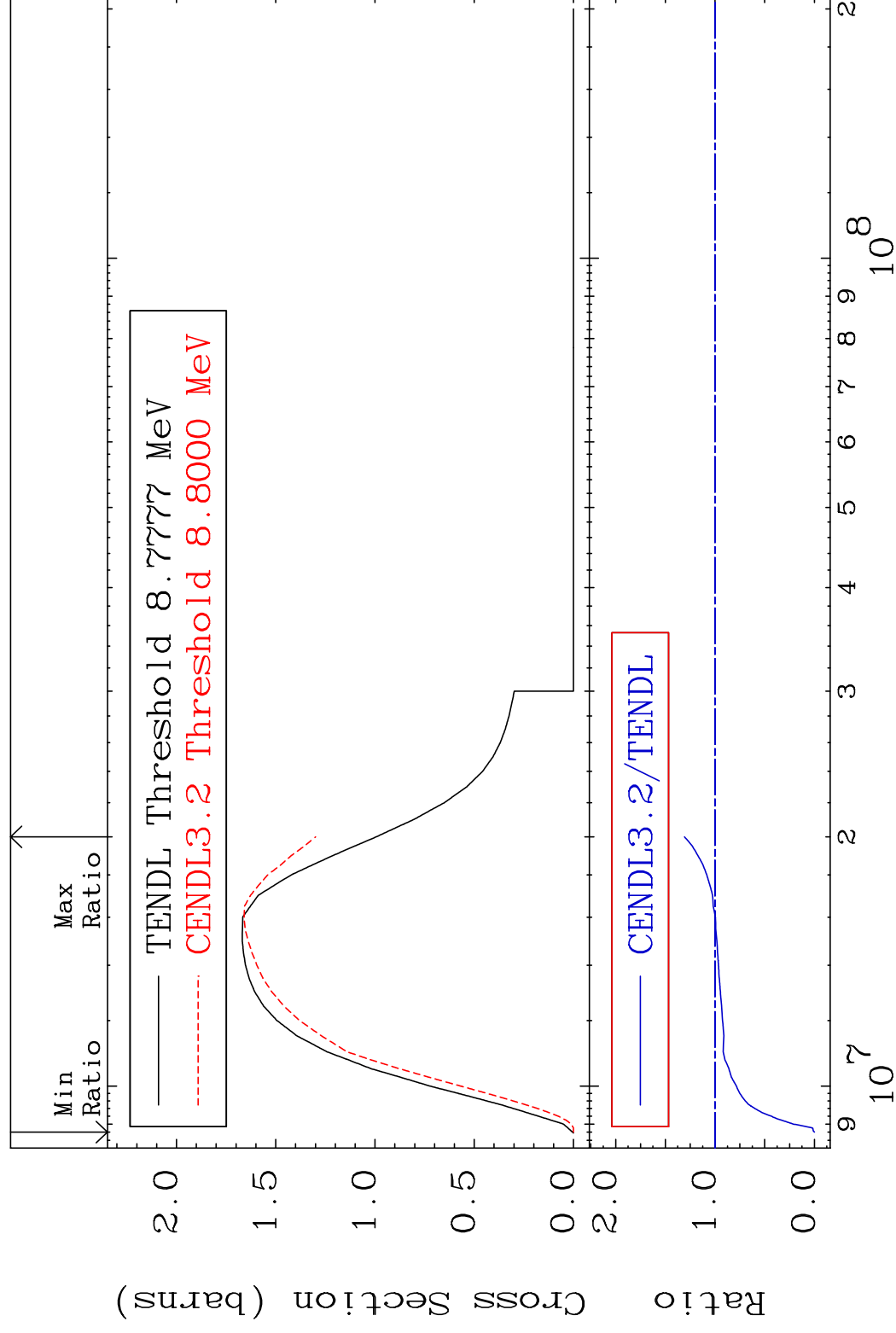


MAT 5137

$$(n, 2n)$$

51-Sb-125

Cross Section -100.0 To 30.76 %



TENDL Threshold 8.7777 MeV

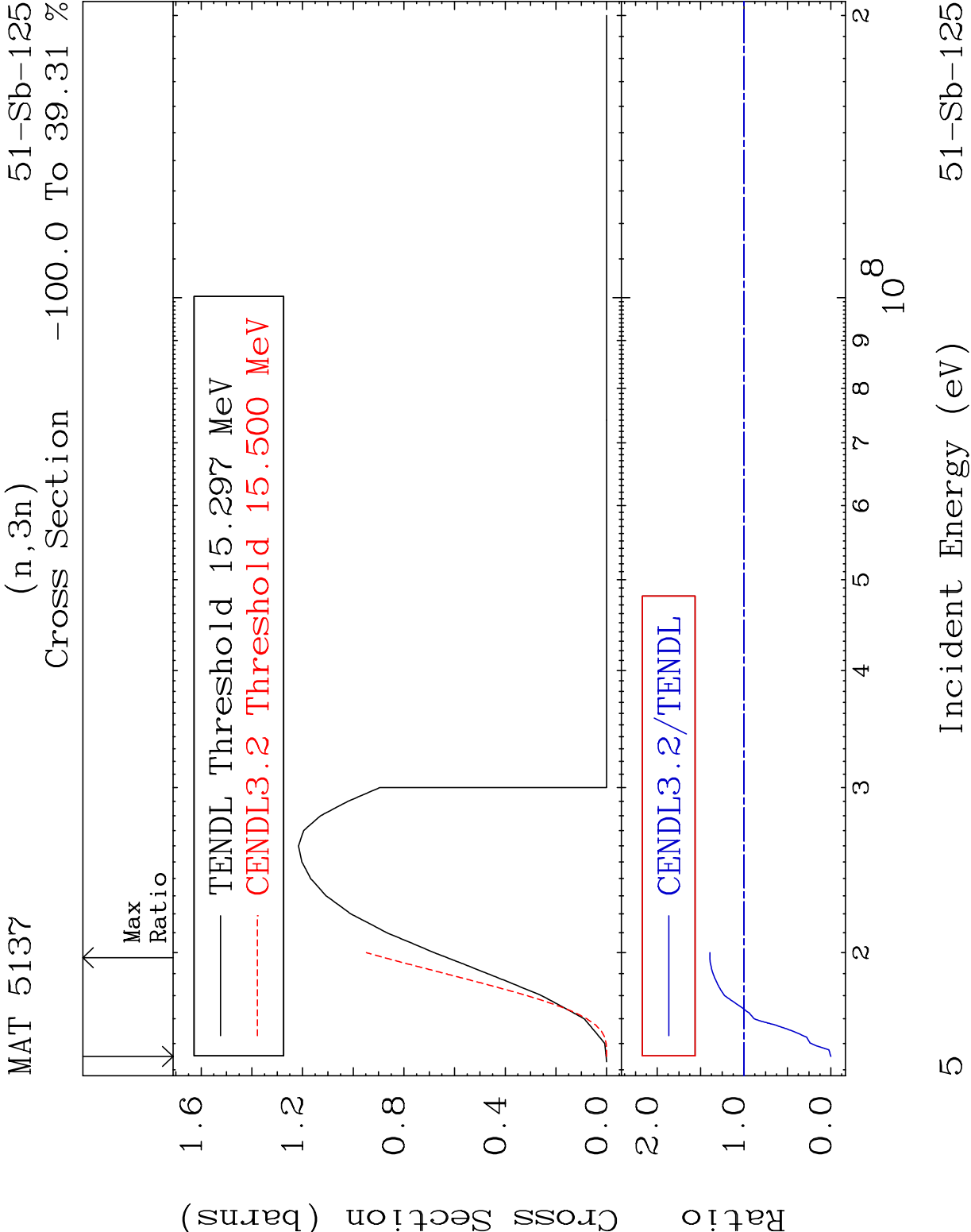
CENL3.2 Threshold 8.8000 MeV

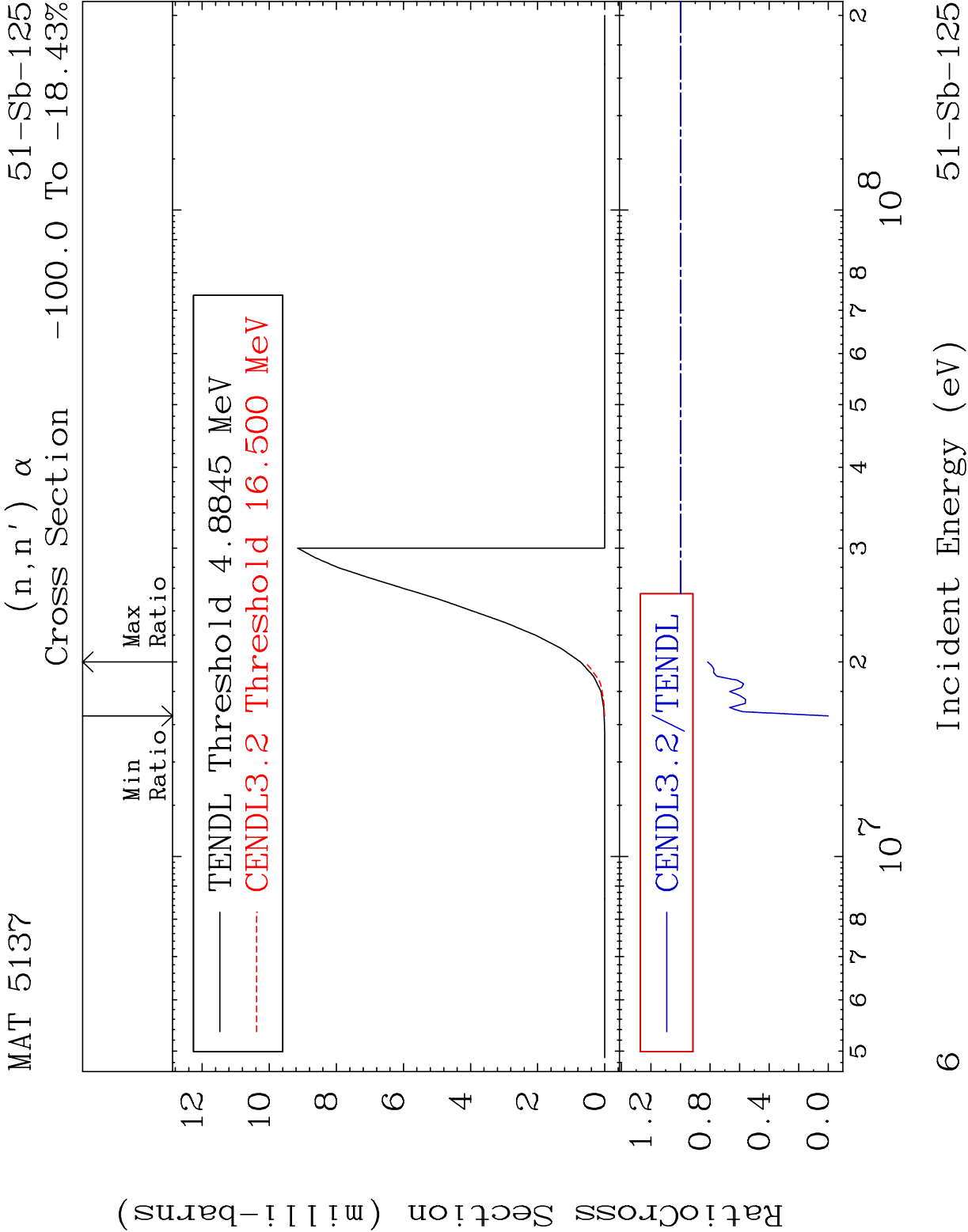
CENDL3.2/TENDL

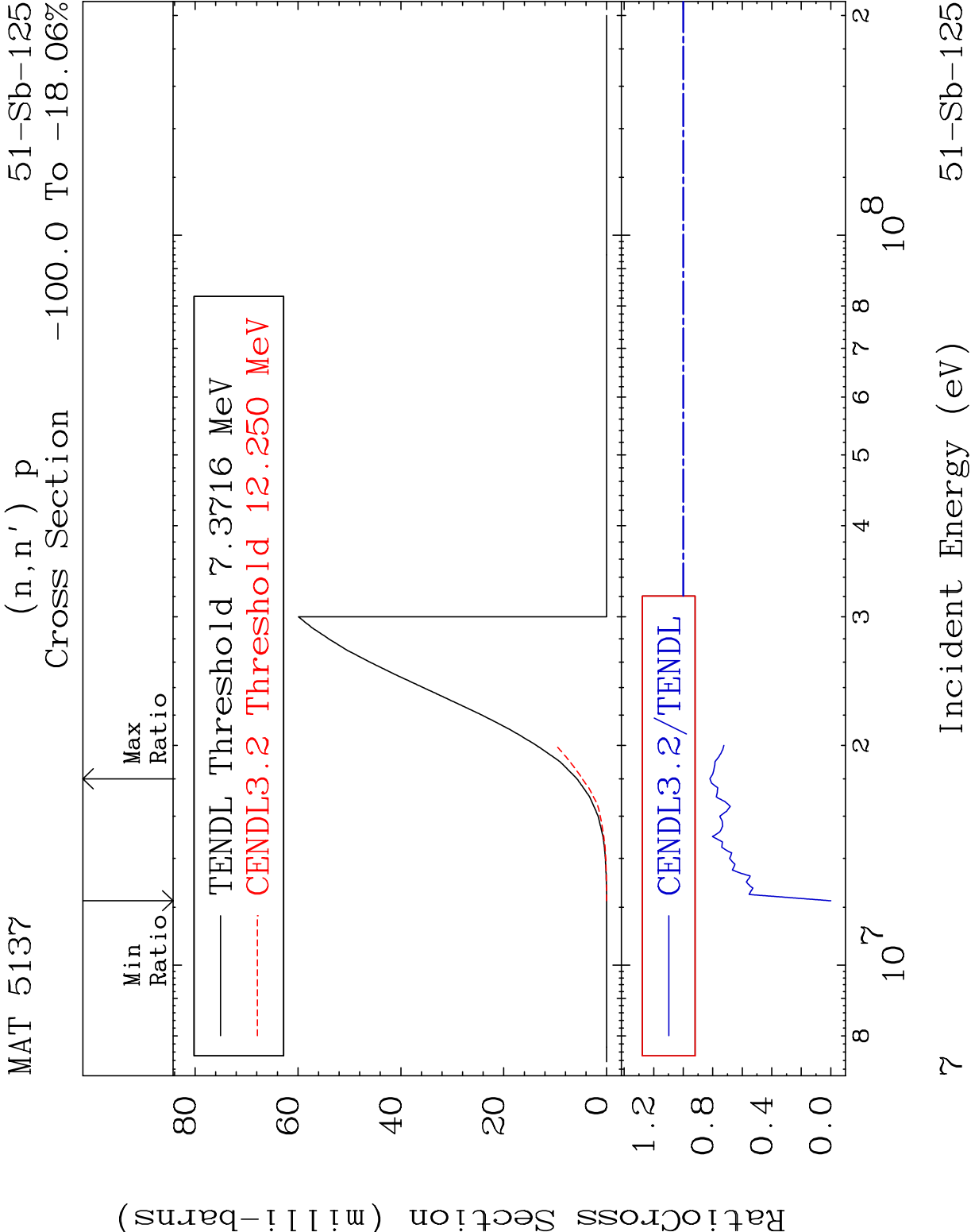
4

Incident Energy (eV)

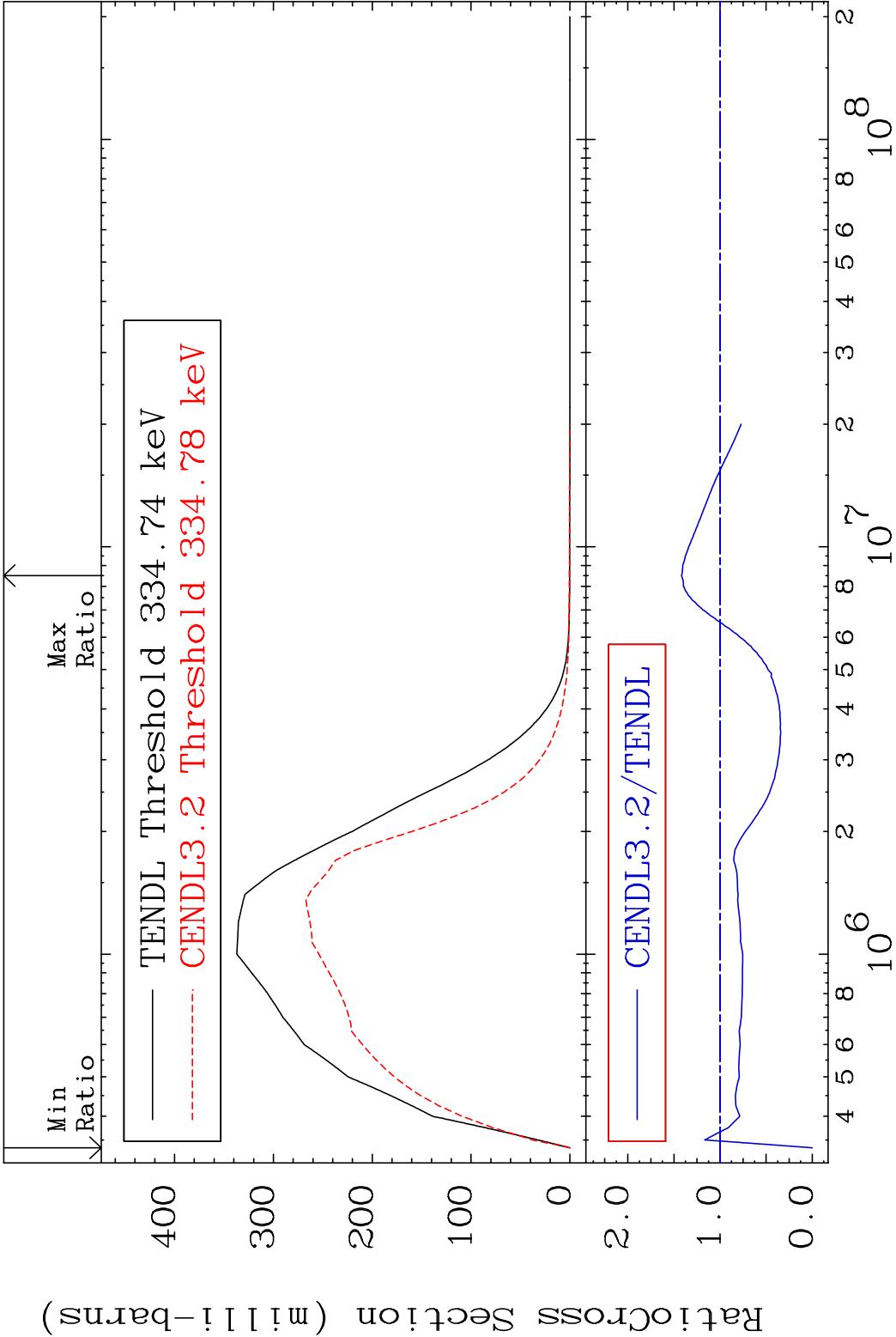
51-Sb-125







MAT 5137 MT= 51 (n,n') Level 51-Sb-125
Cross Section -100.0 To 41.74 %



MAT 5137

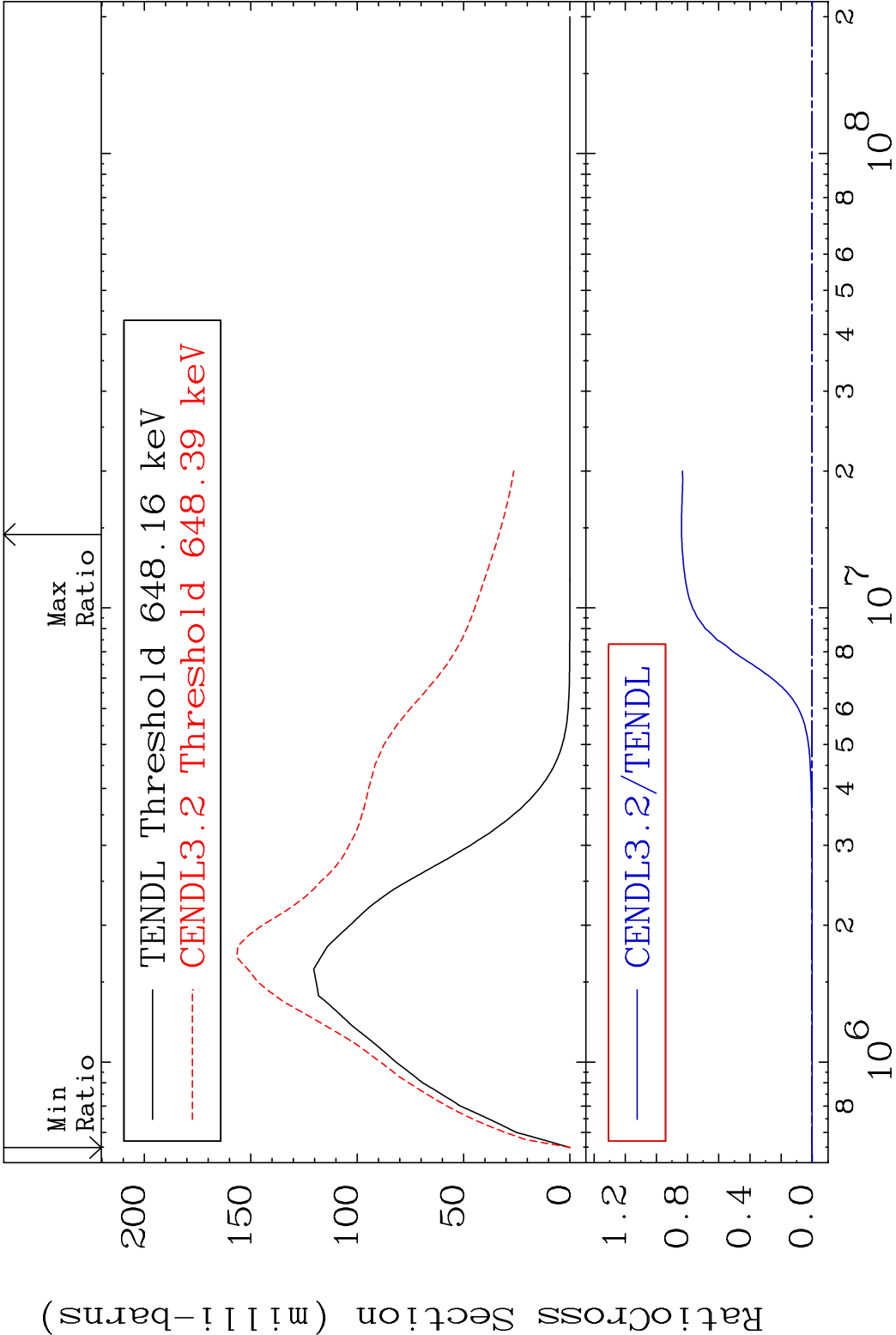
MT= 52 (n,n')

Level

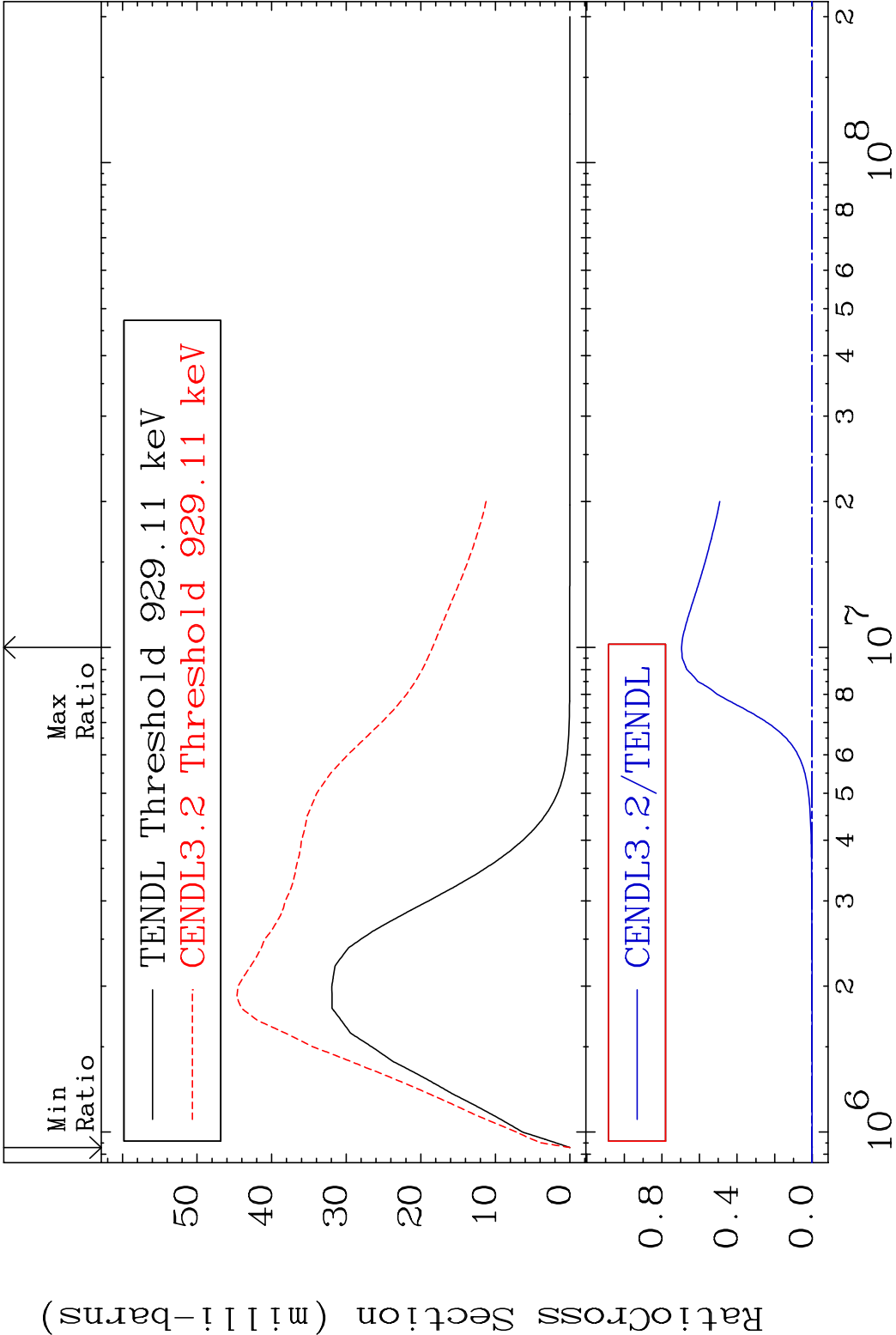
51-Sb-125

Cross Section

-100.0 To 9999. %



MAT 5137 MT= 53 (n,n') Level 51-Sb-125
Cross Section -100.0 To 9999. %



Incident Energy (eV) 51-Sb-125

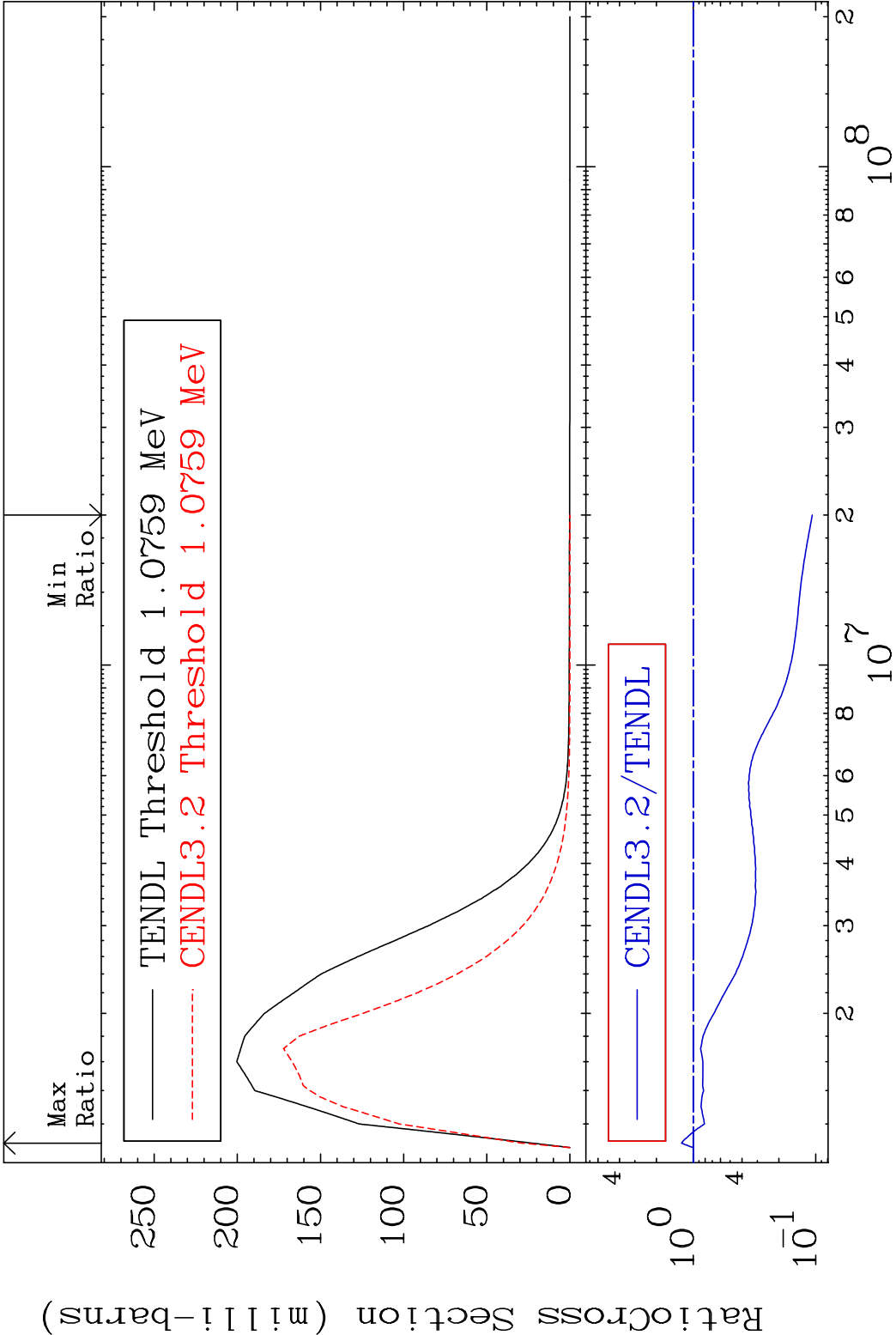
MAT 5137

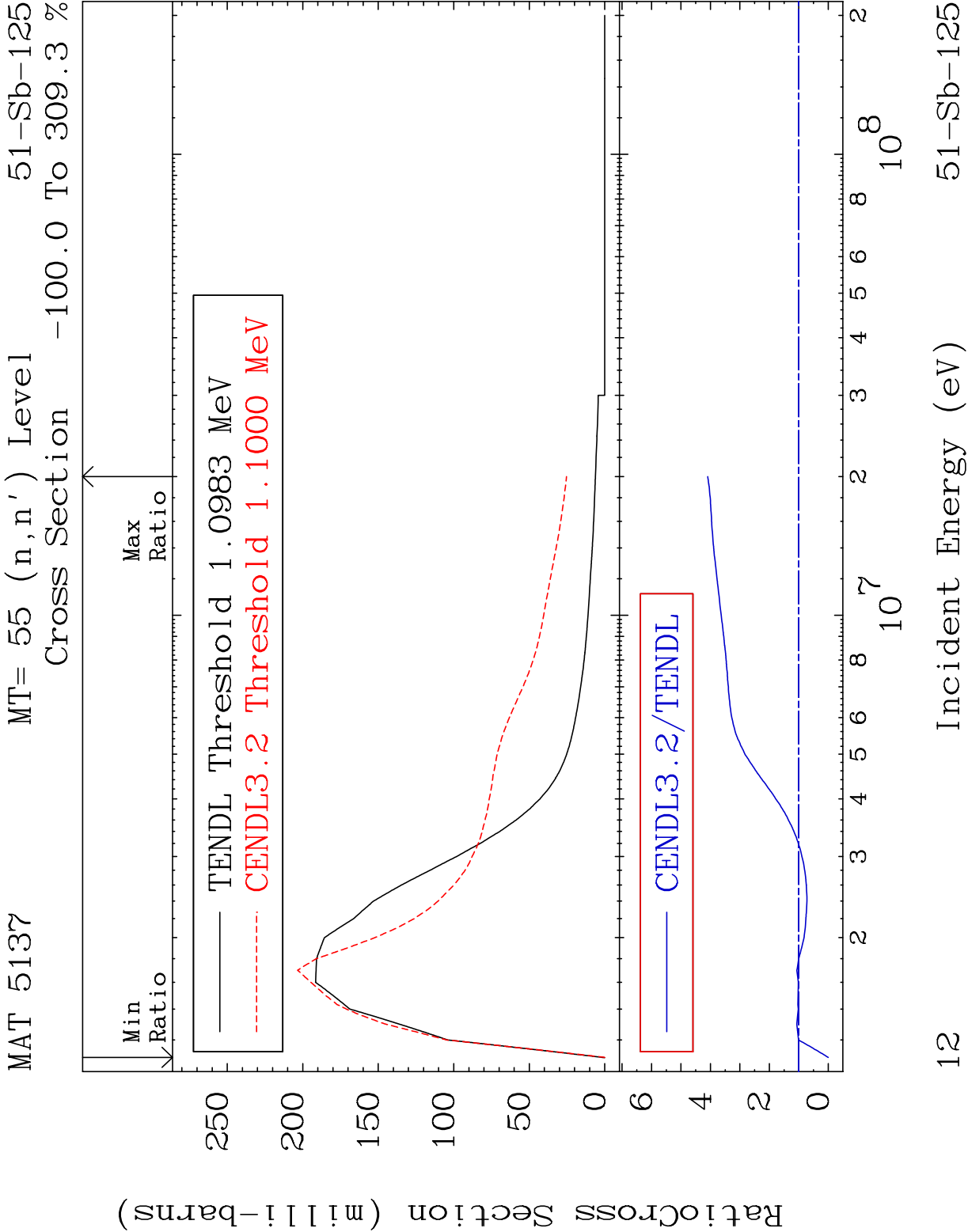
MT= 54 (n,n') Level

51-Sb-125

Cross Section

-89.32 To 24.71 %





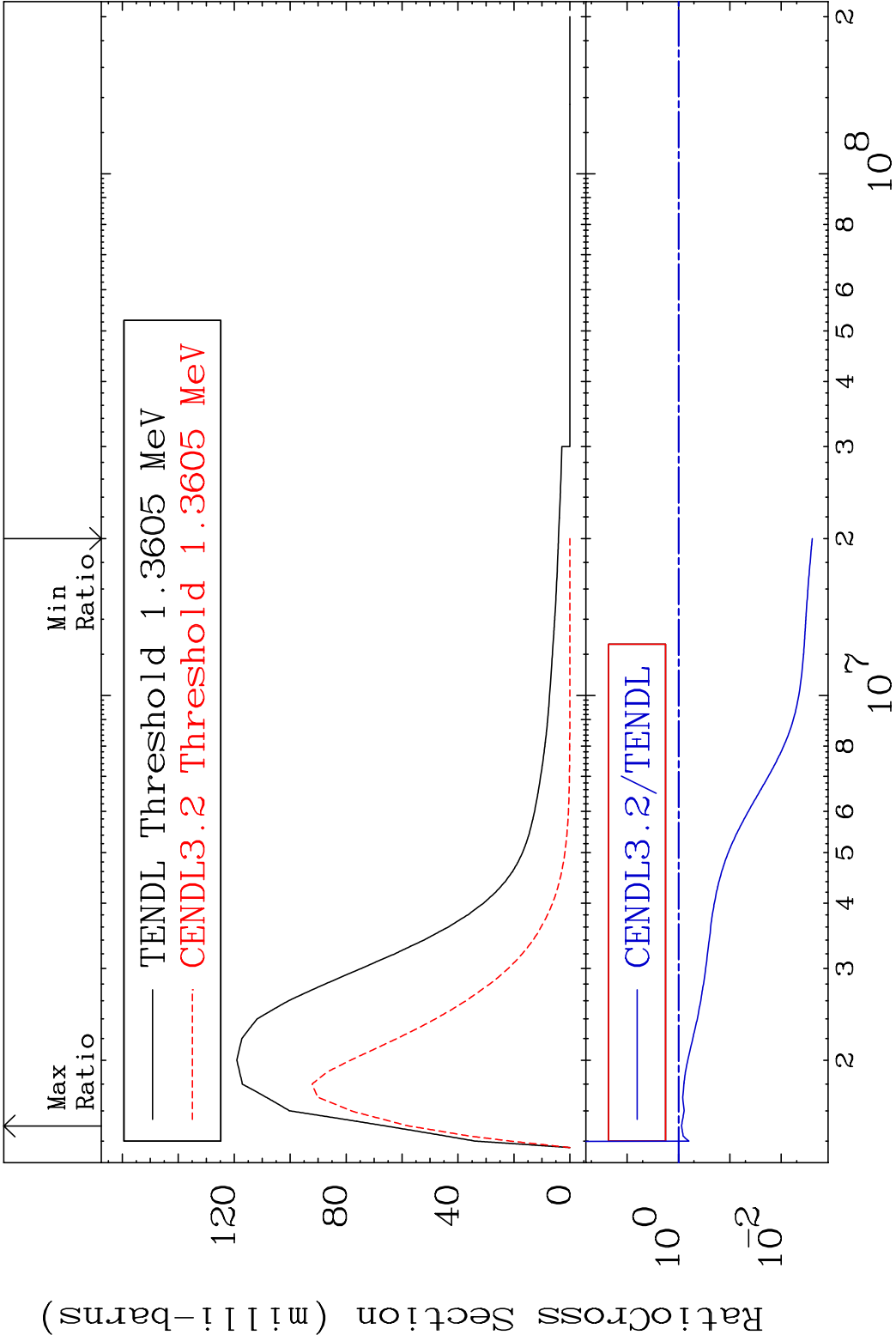
MAT 5137

MT= 56 (n,n') Level

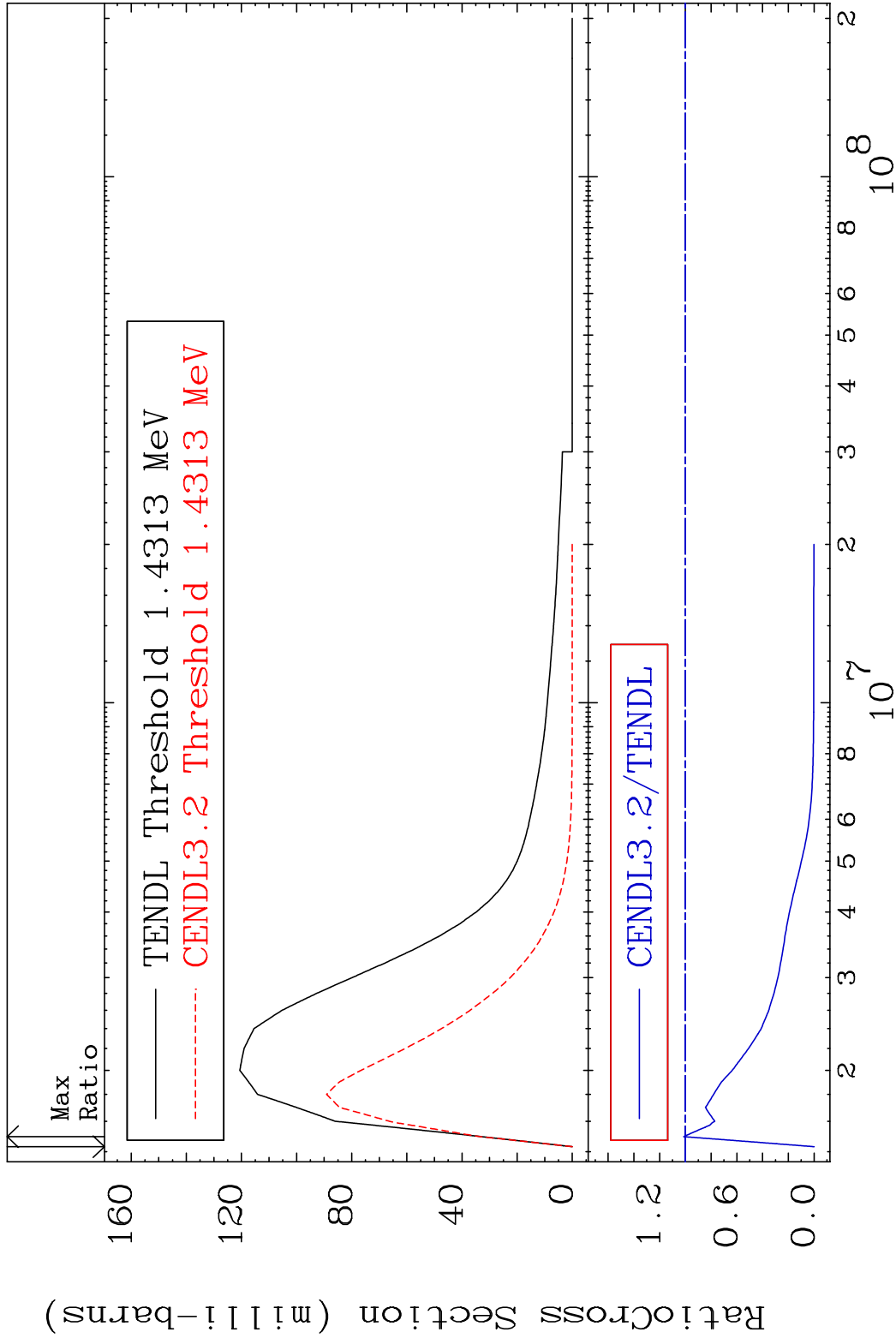
51-Sb-125

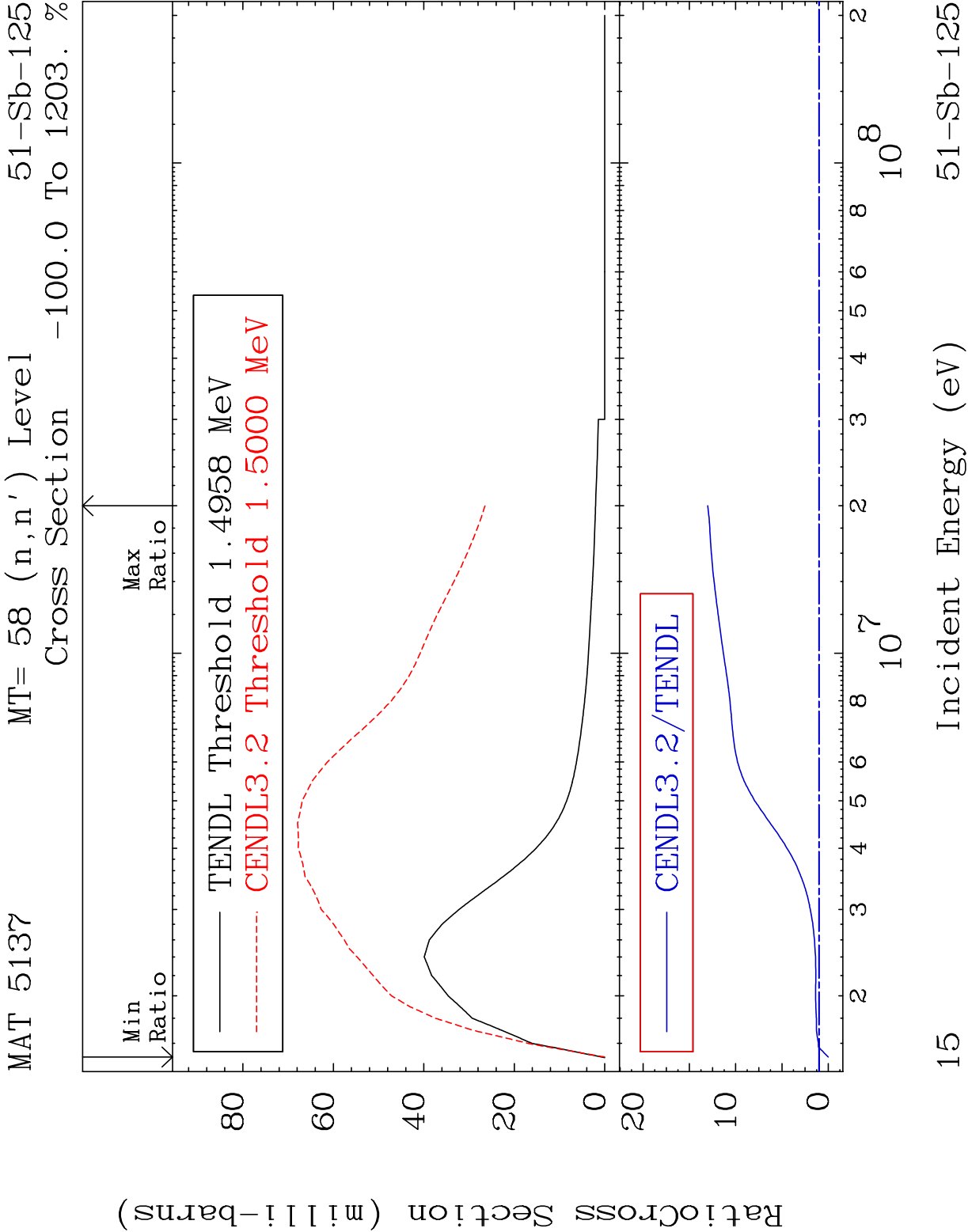
Cross Section

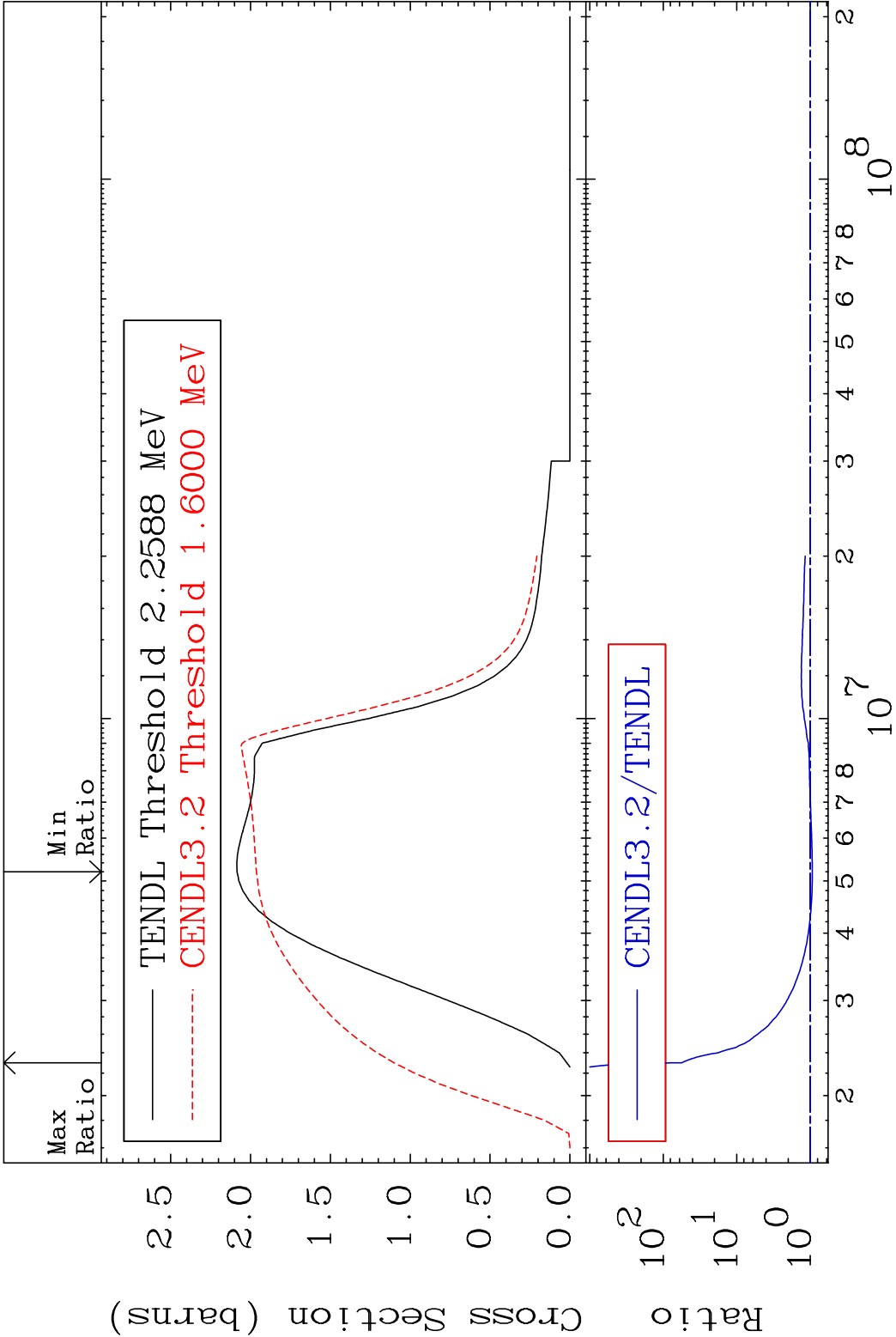
-99.75 To -12.59%



MAT 5137 MT= 57 (n,n') Level 51-Sb-125
 Cross Section -100.0 To 1.308 %





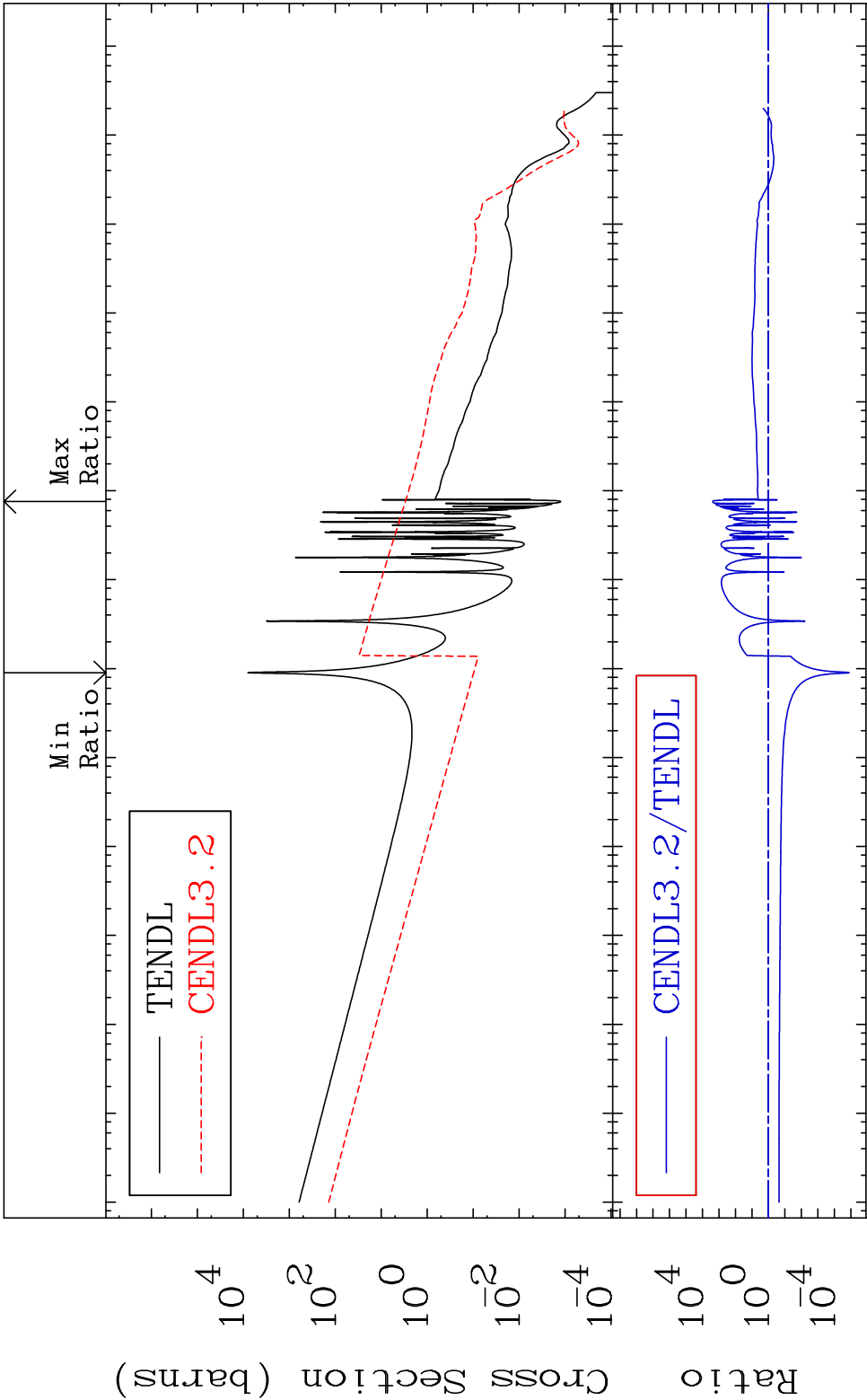


MAT 5137

(n, γ)

51-Sb-125

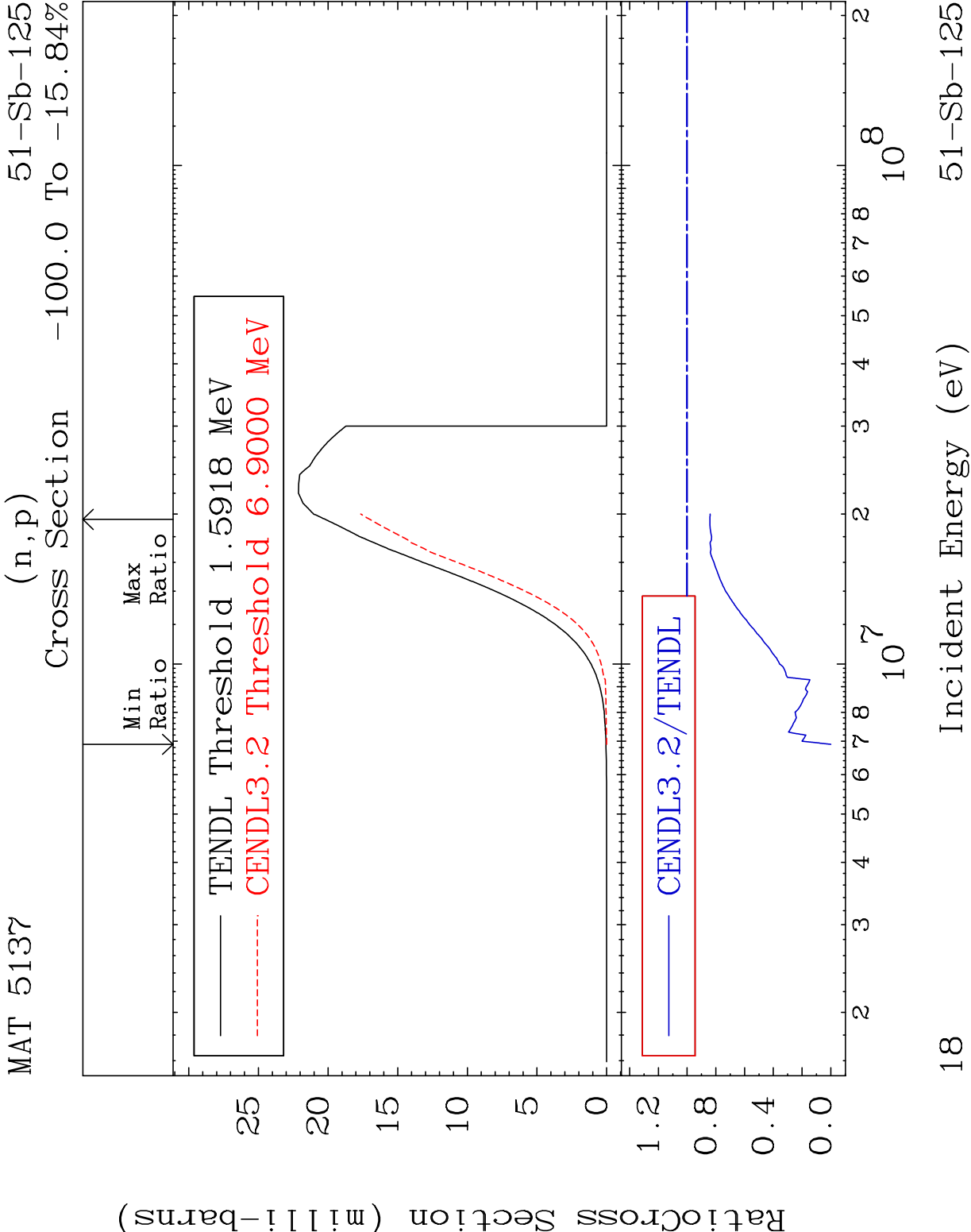
Cross Section -100.0 To 9999. %

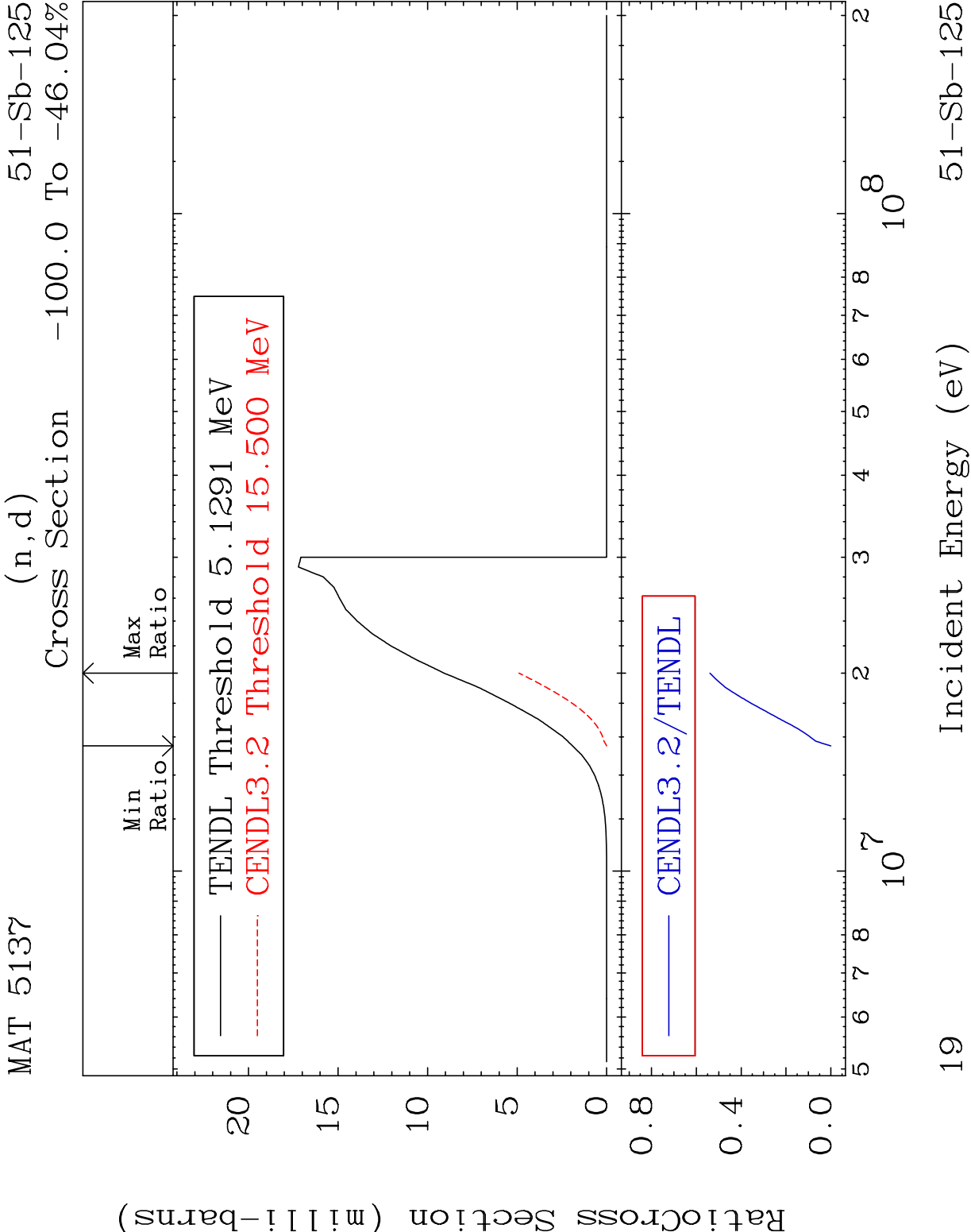


17

Incident Energy (eV)

51-Sb-125

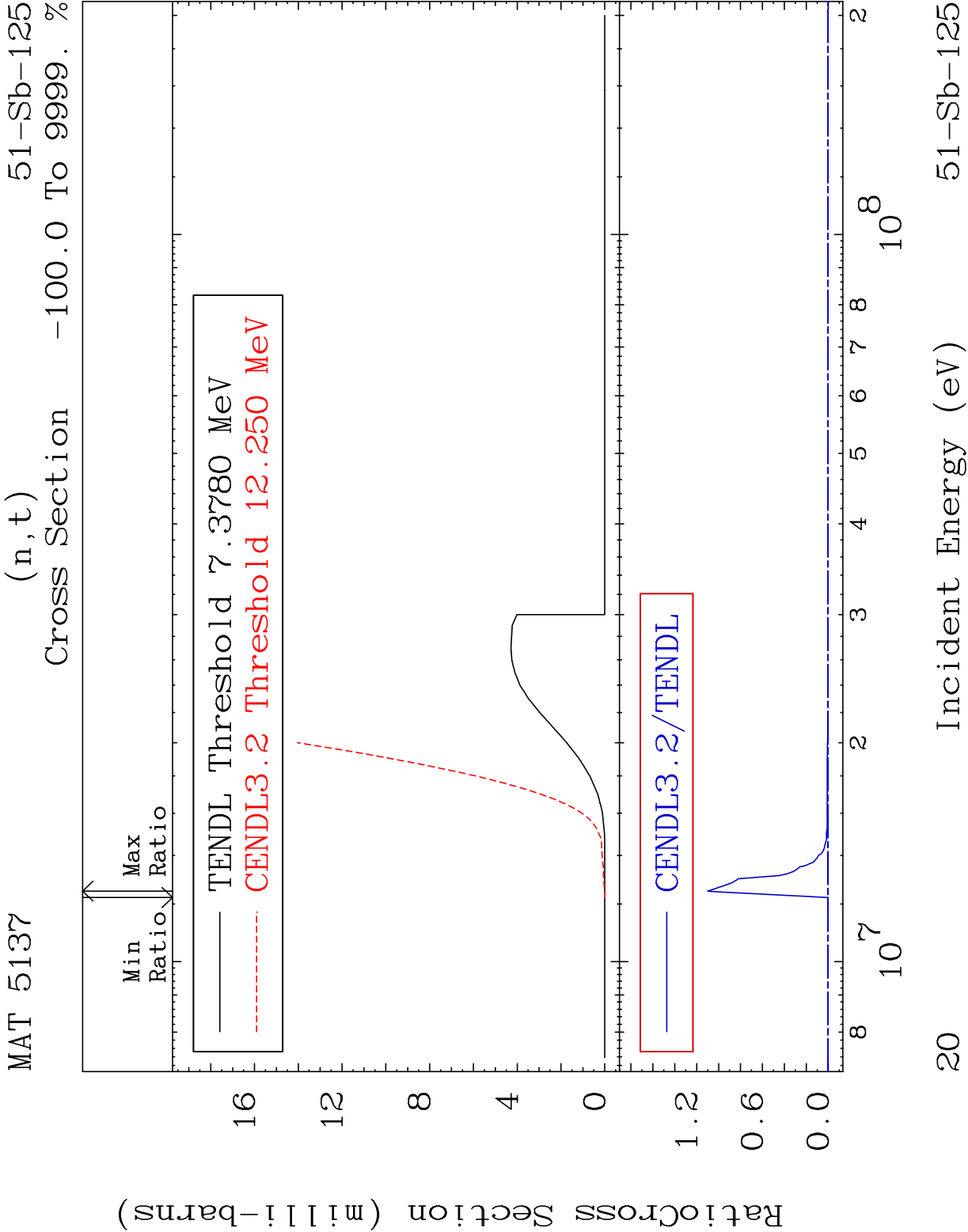


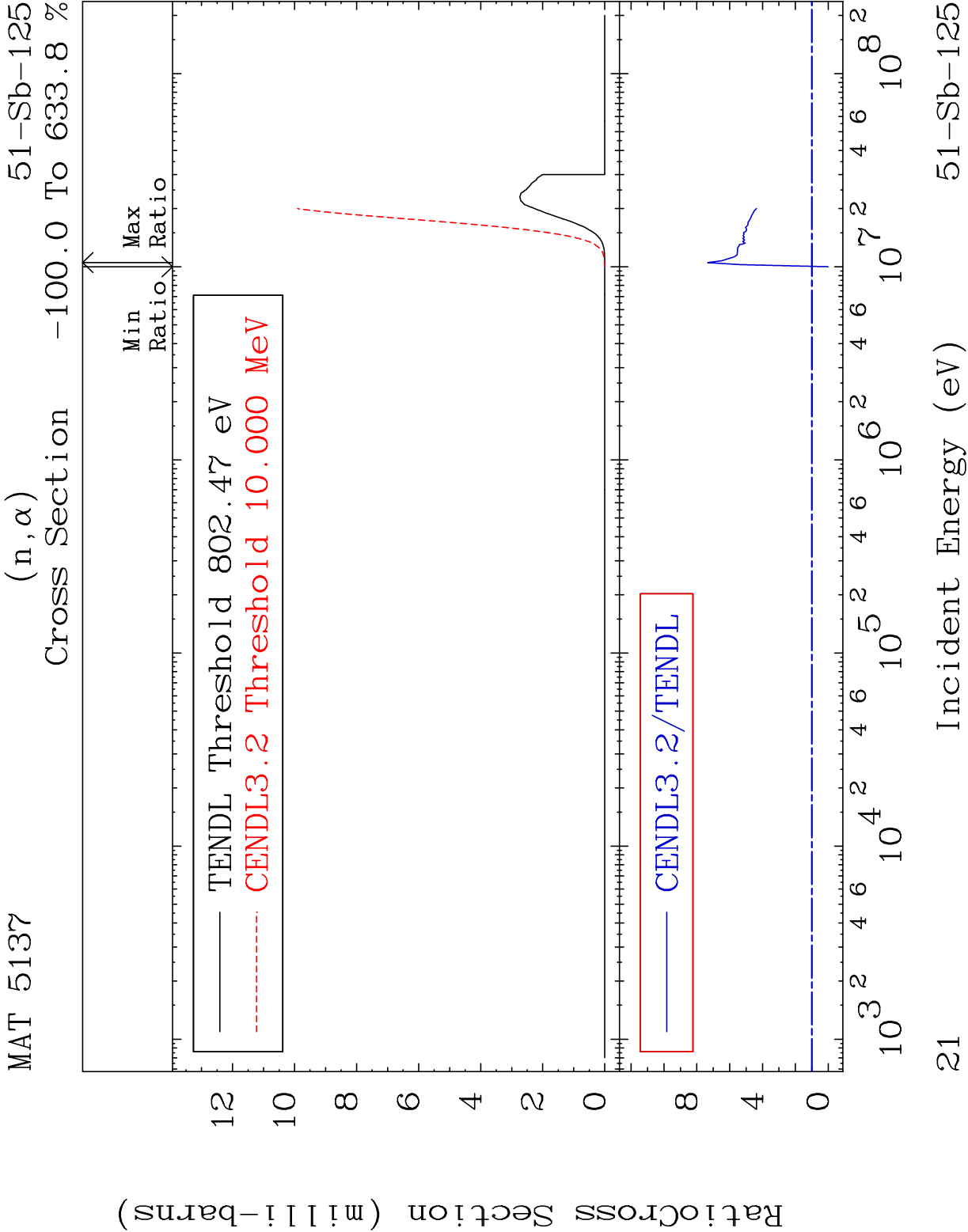


19

Incident Energy (eV)

51-Sb-125



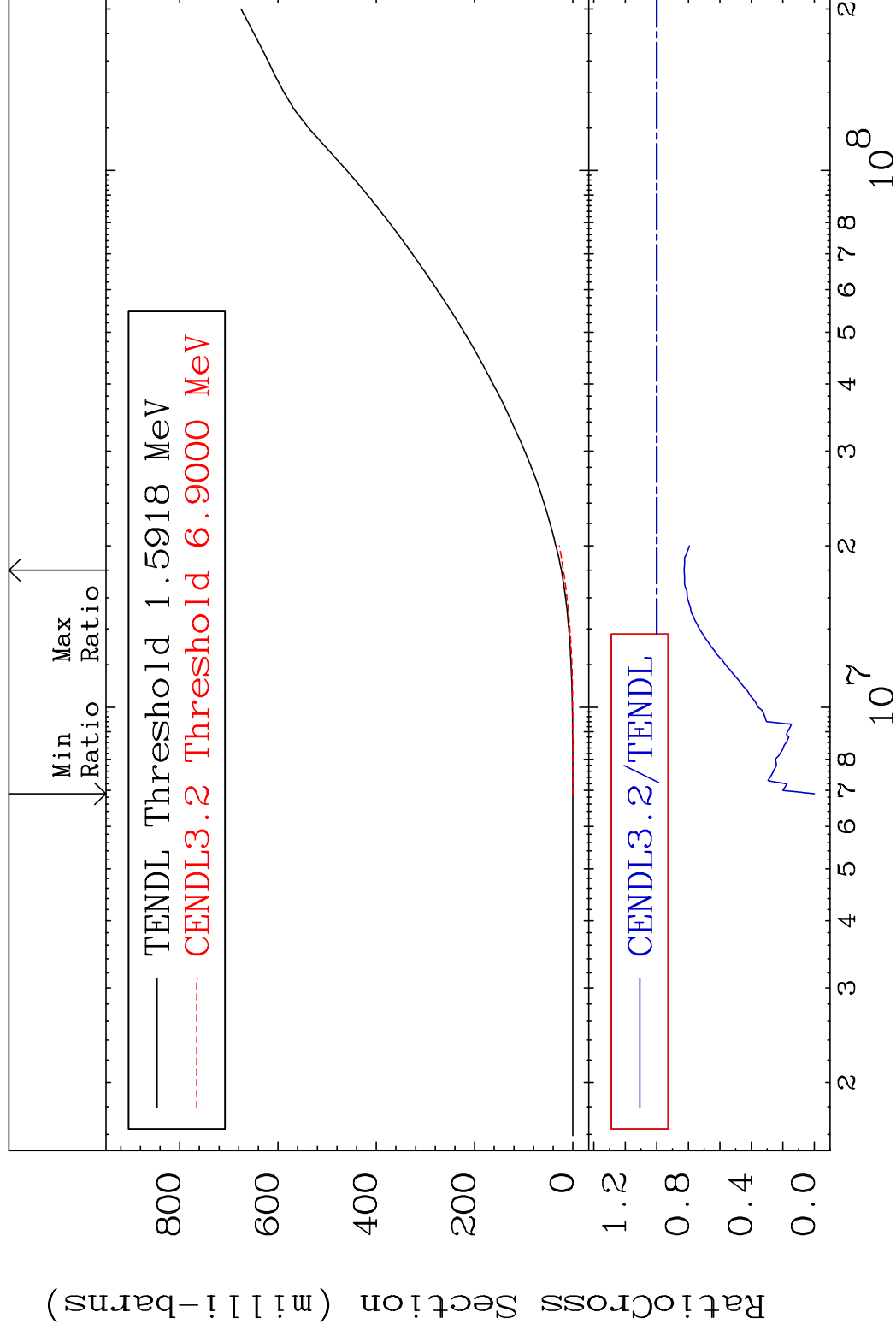


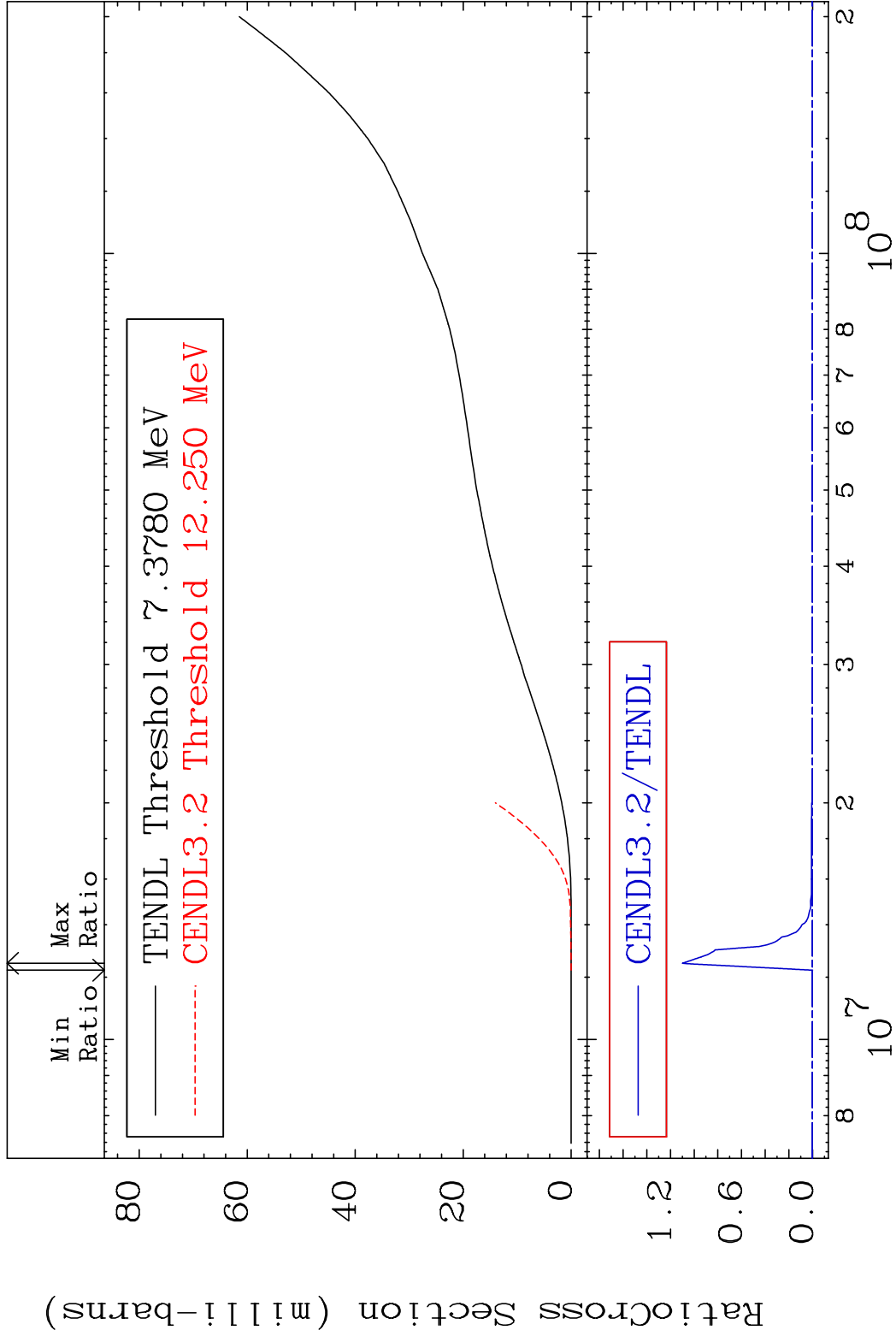
MAT 5137

Hydrogen Production

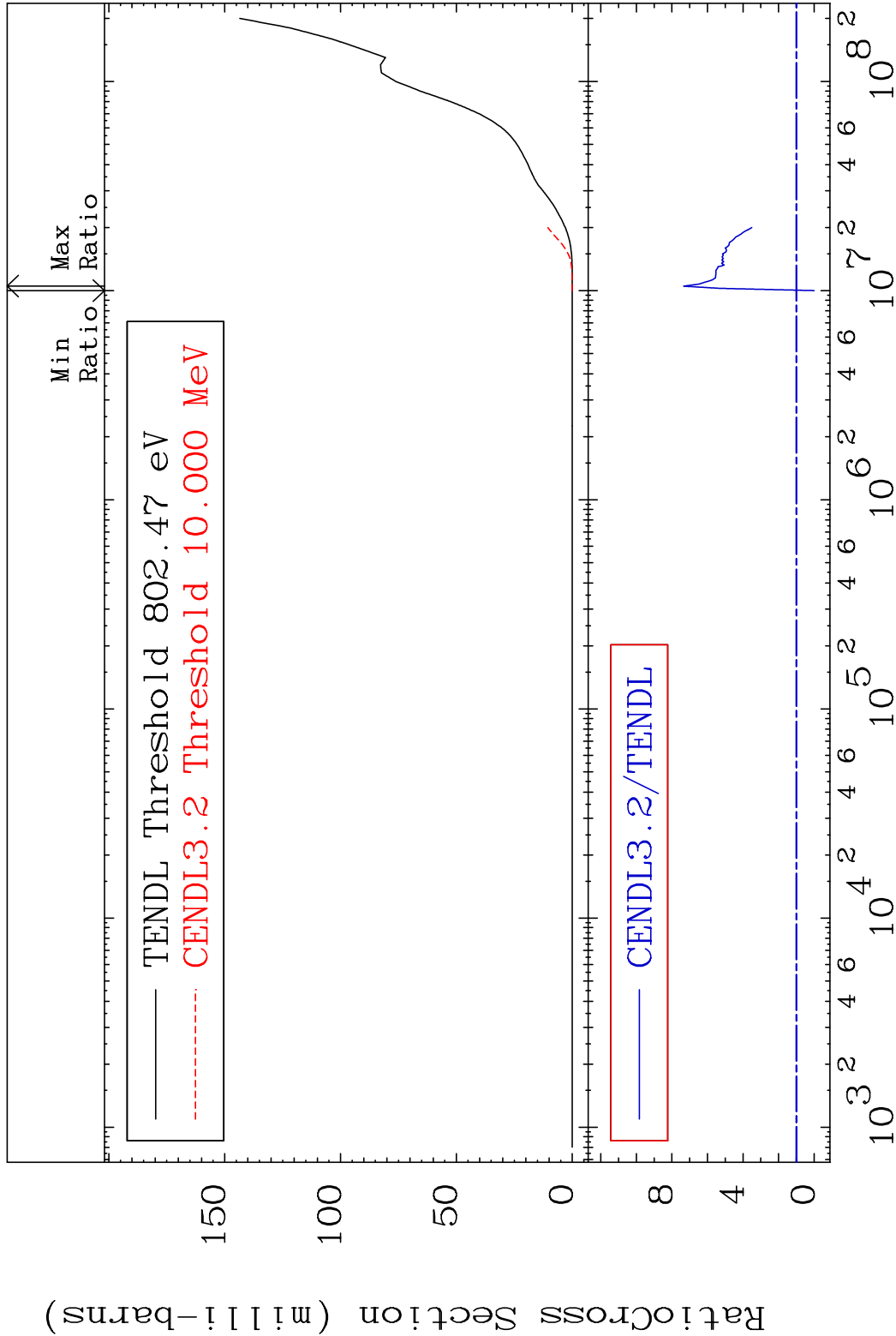
51-Sb-125

Cross Section -100.0 To -17.30%



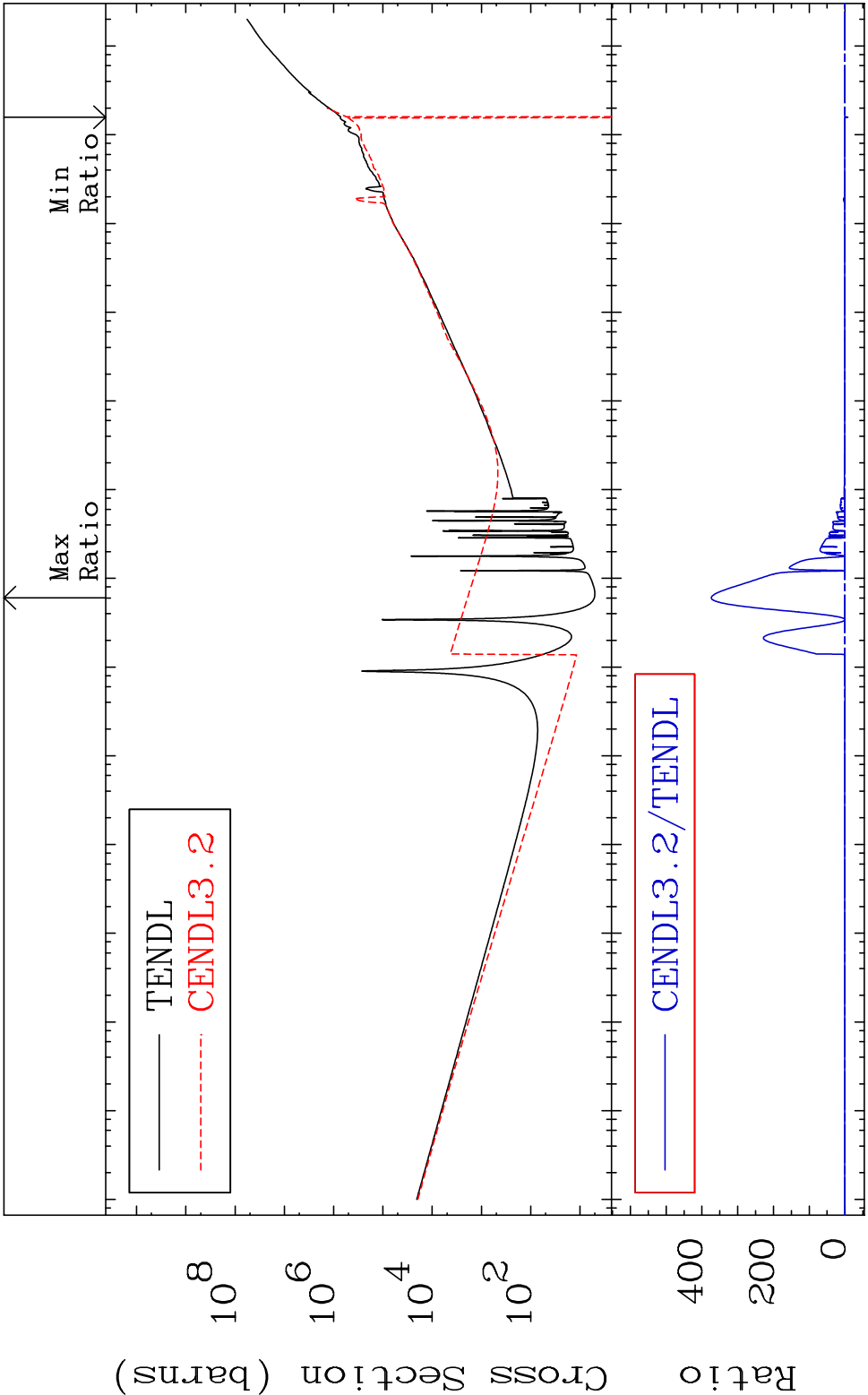


MAT 5137 He-4 Production 51-Sb-125
Cross Section -100.0 To 633.8 %



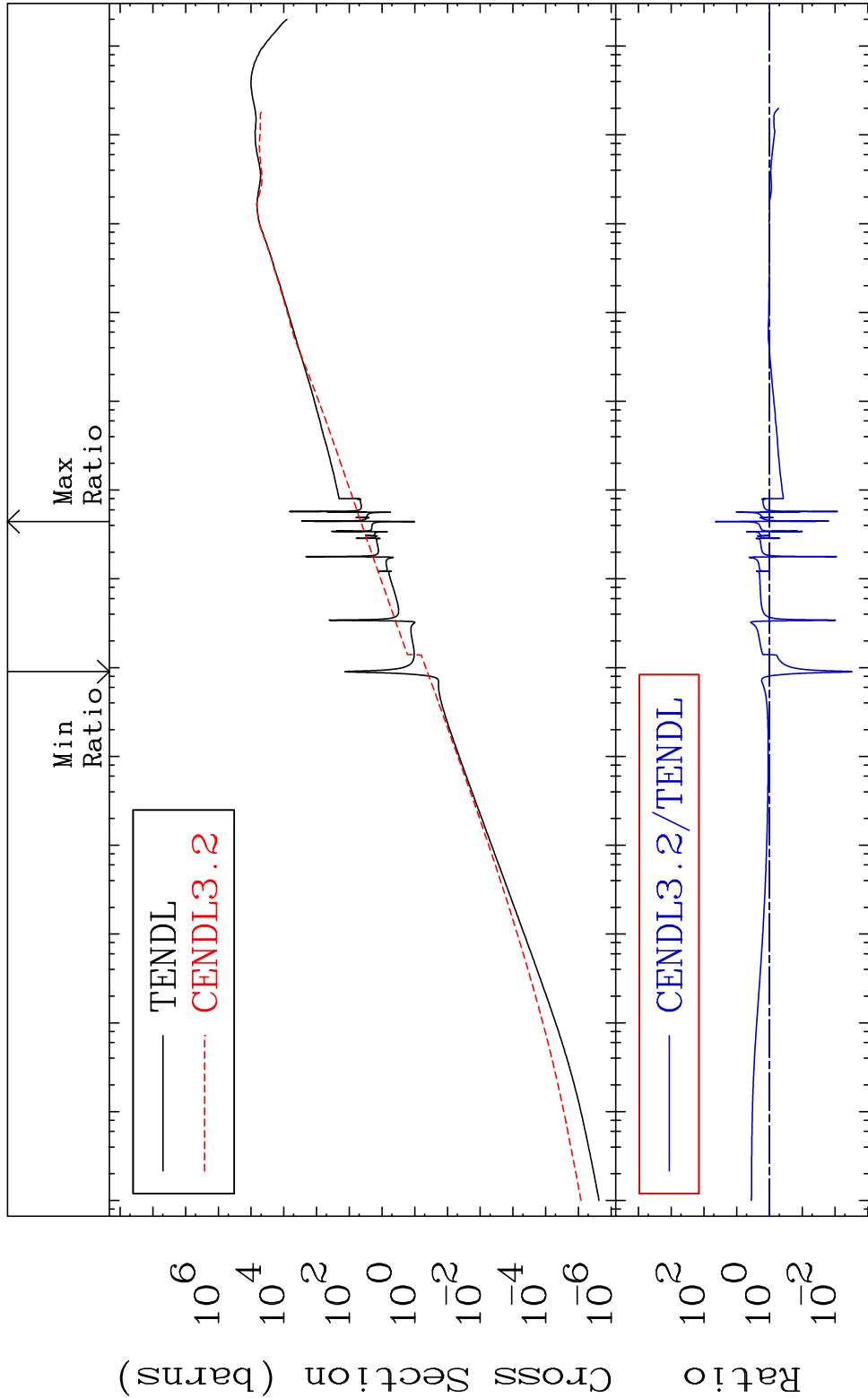
51-Sb-125

MAT 5137 Kerma total (eV-barns) 51-Sb-125
Cross Section -873.7 To 9999. %



MAT 5137

Kerma elastic
Cross Section -99.70 To 4293. % 51-Sb-125



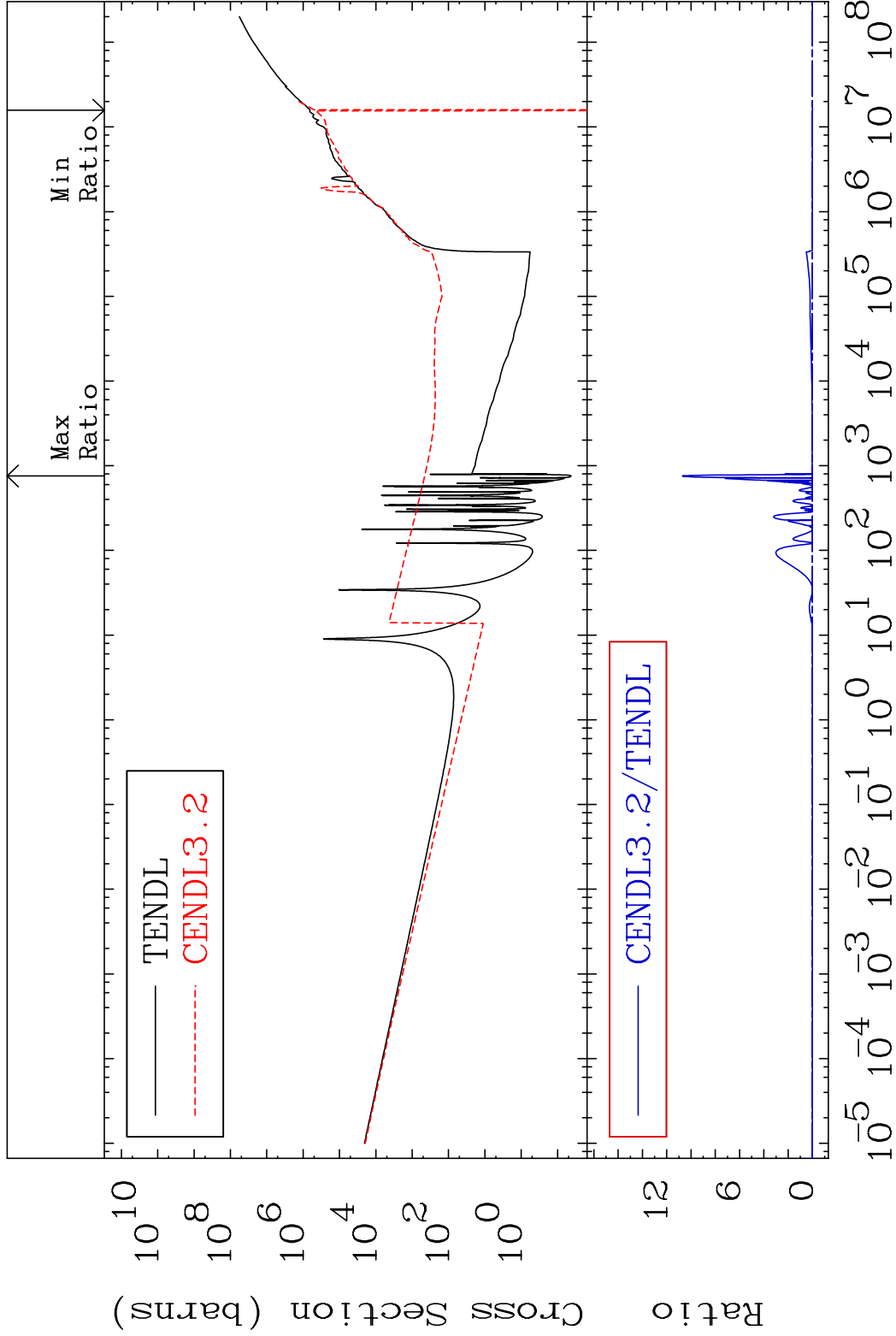
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

27

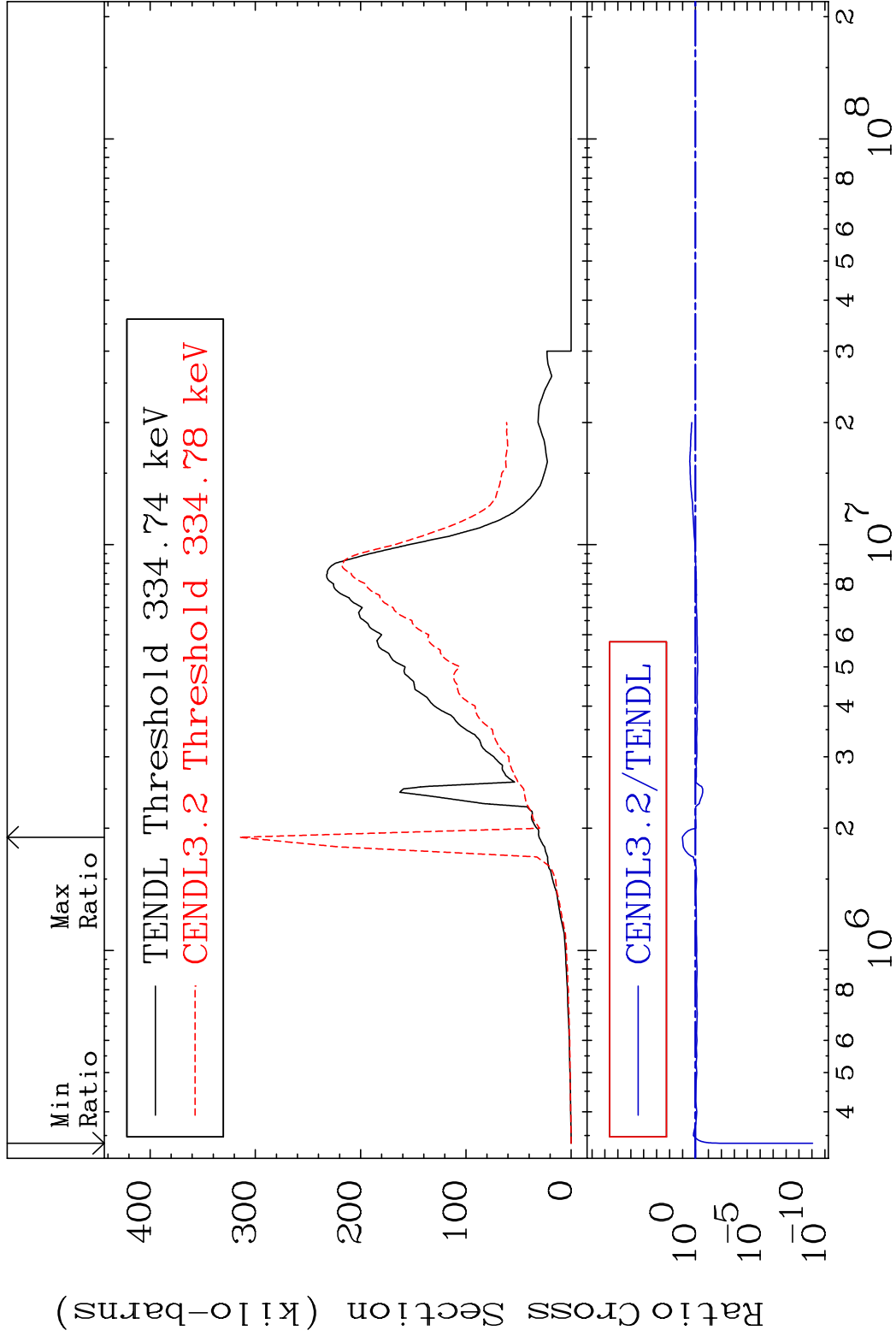
Incident Energy (eV)

51-Sb-125

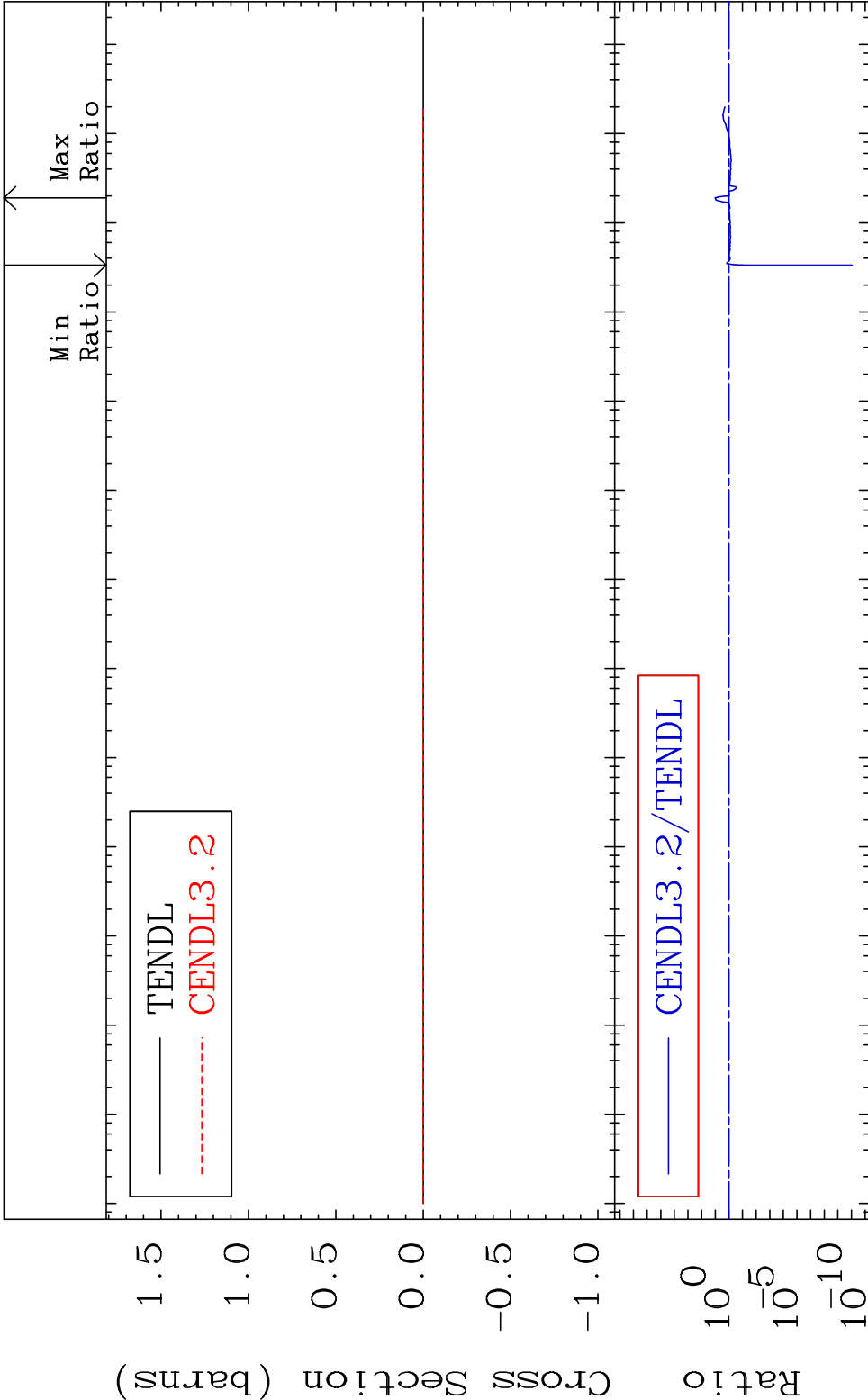
MAT 5137 Kerma non-elastic (all but mt2) 51-Sb-125
 Cross Section -965.9 To 9999. %

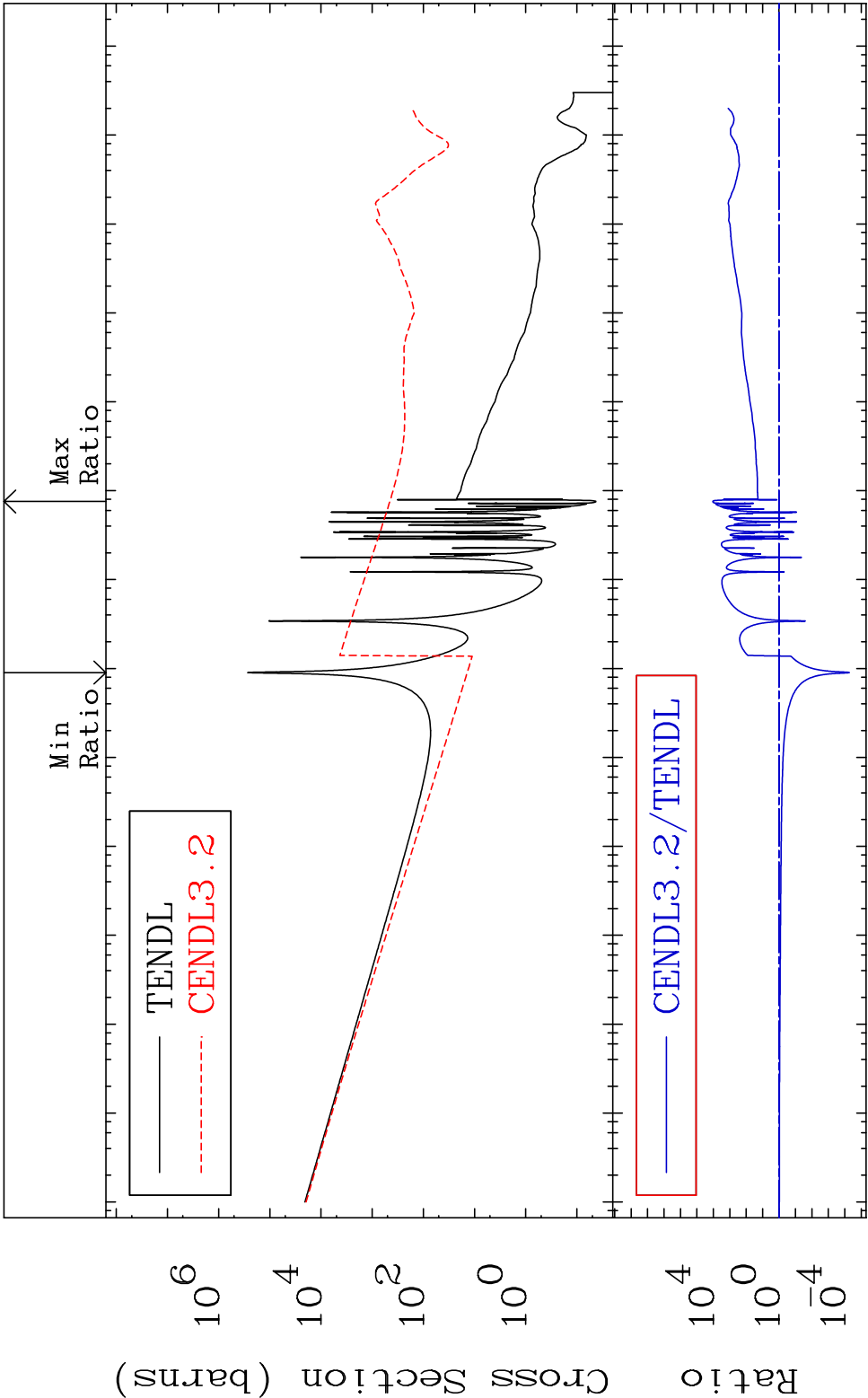


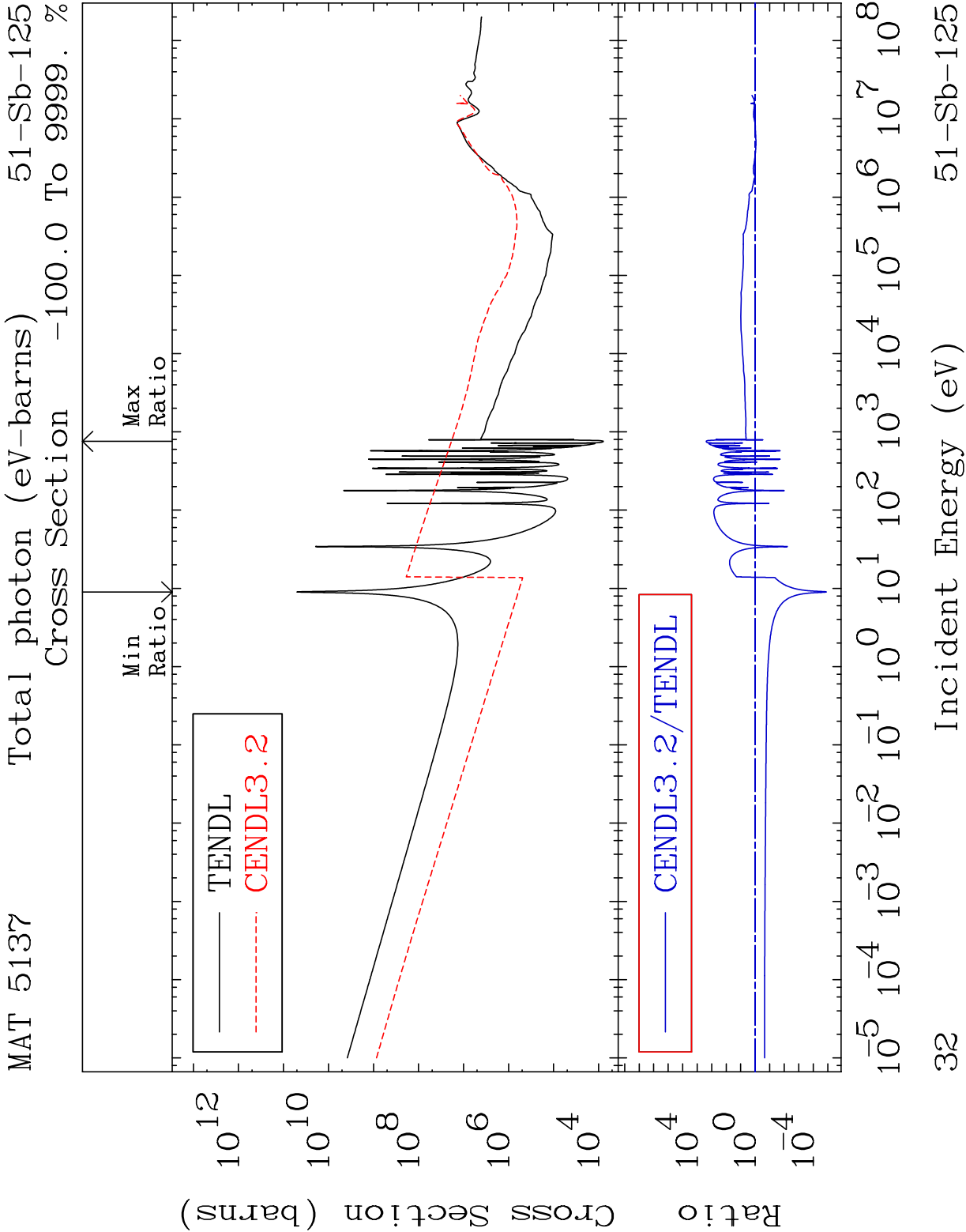
28 Incident Energy (eV) 51-Sb-125



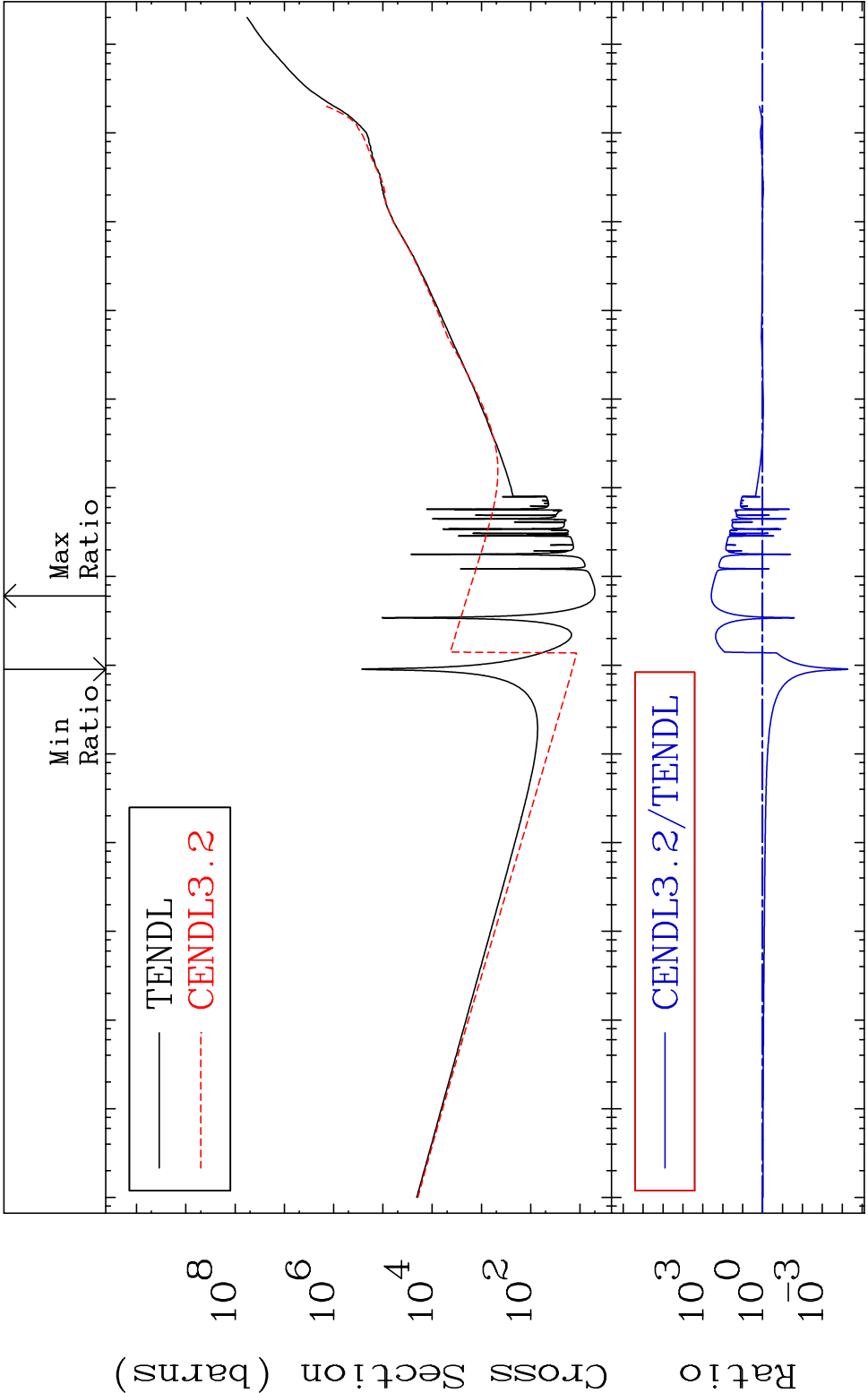
MAT 5137 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-125
Cross Section -100.0 To 934.0 %



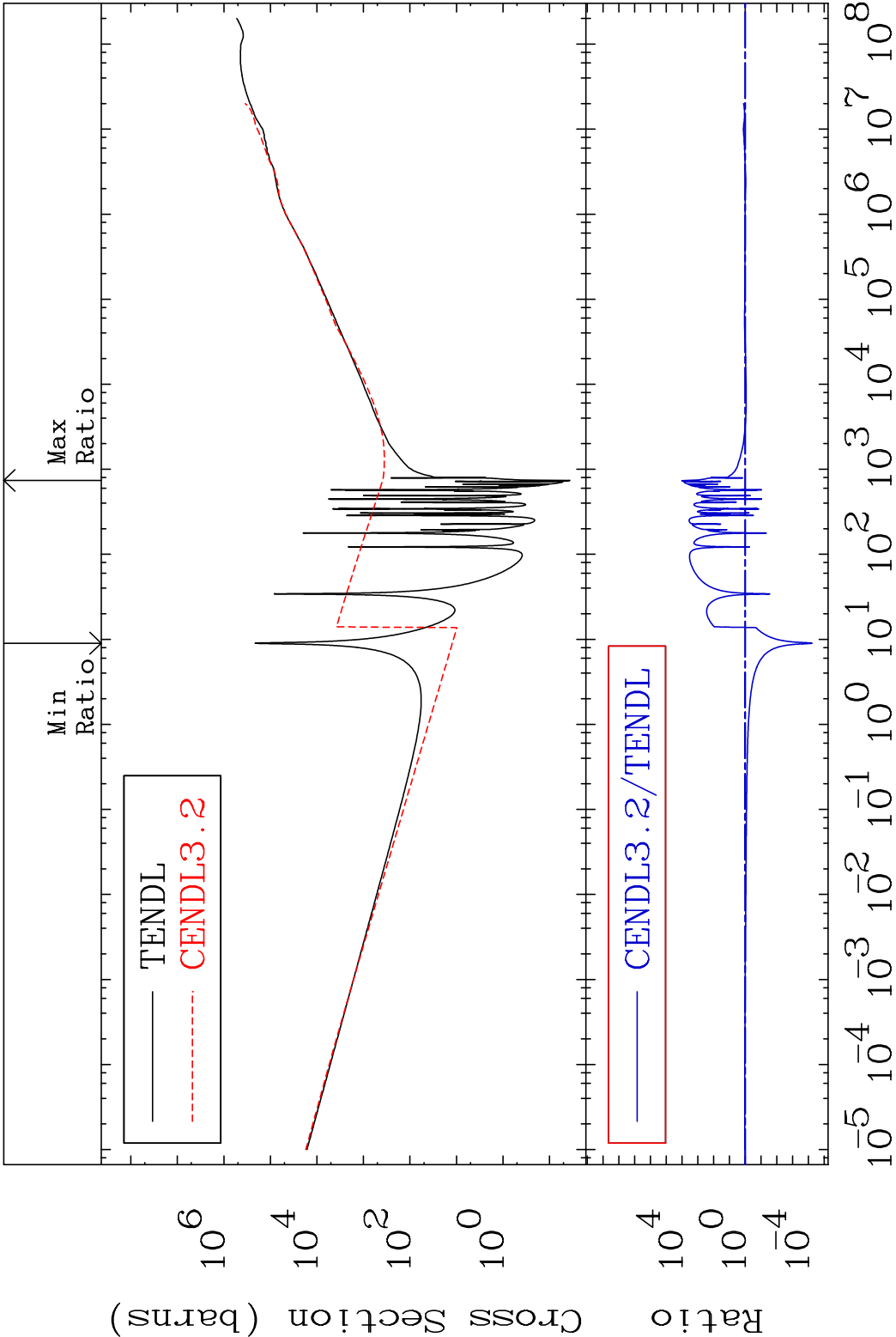




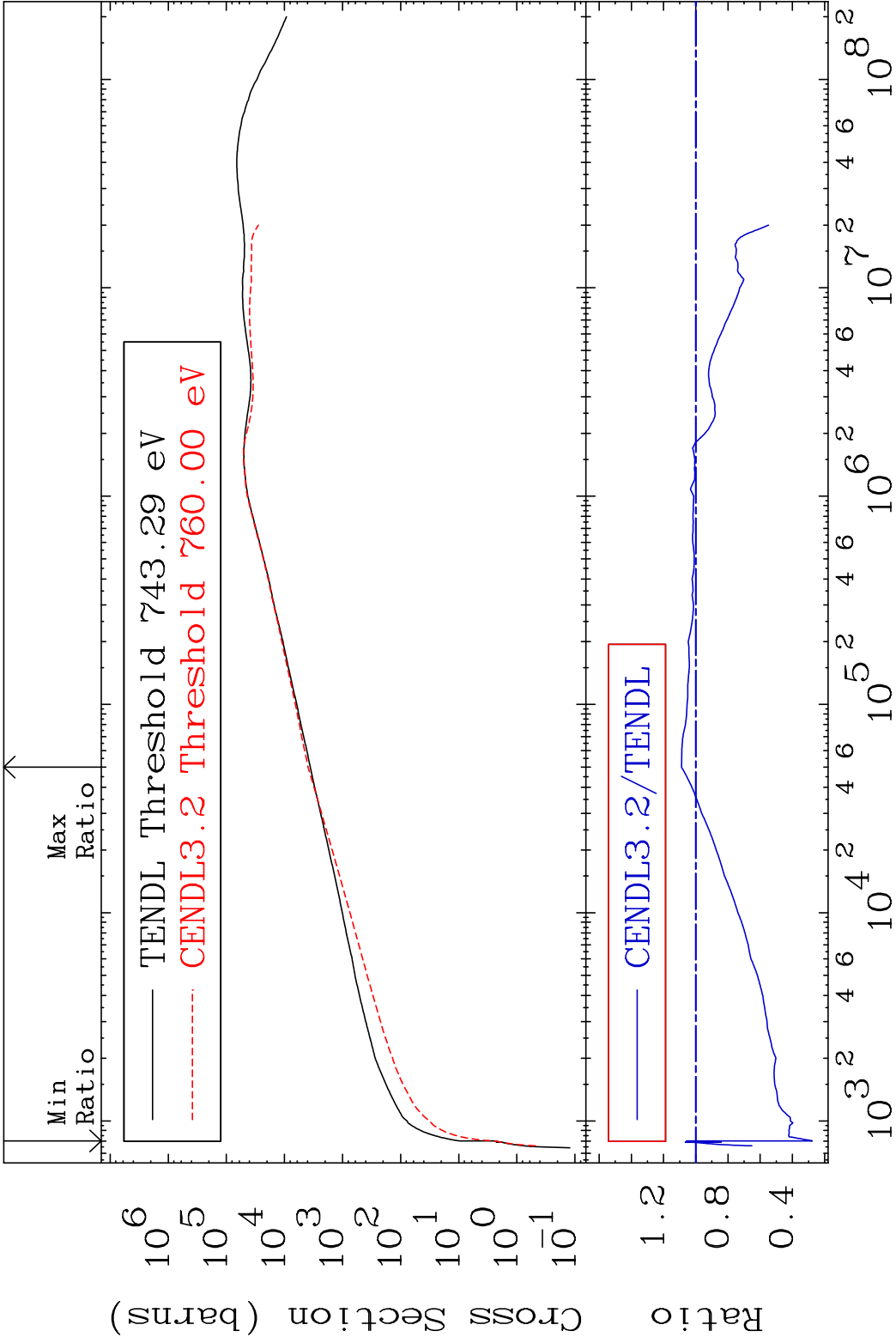
MAT 5137 Total kinematic kerma (high limit) 51-Sb-125
Cross Section -99.99 To 9999. %



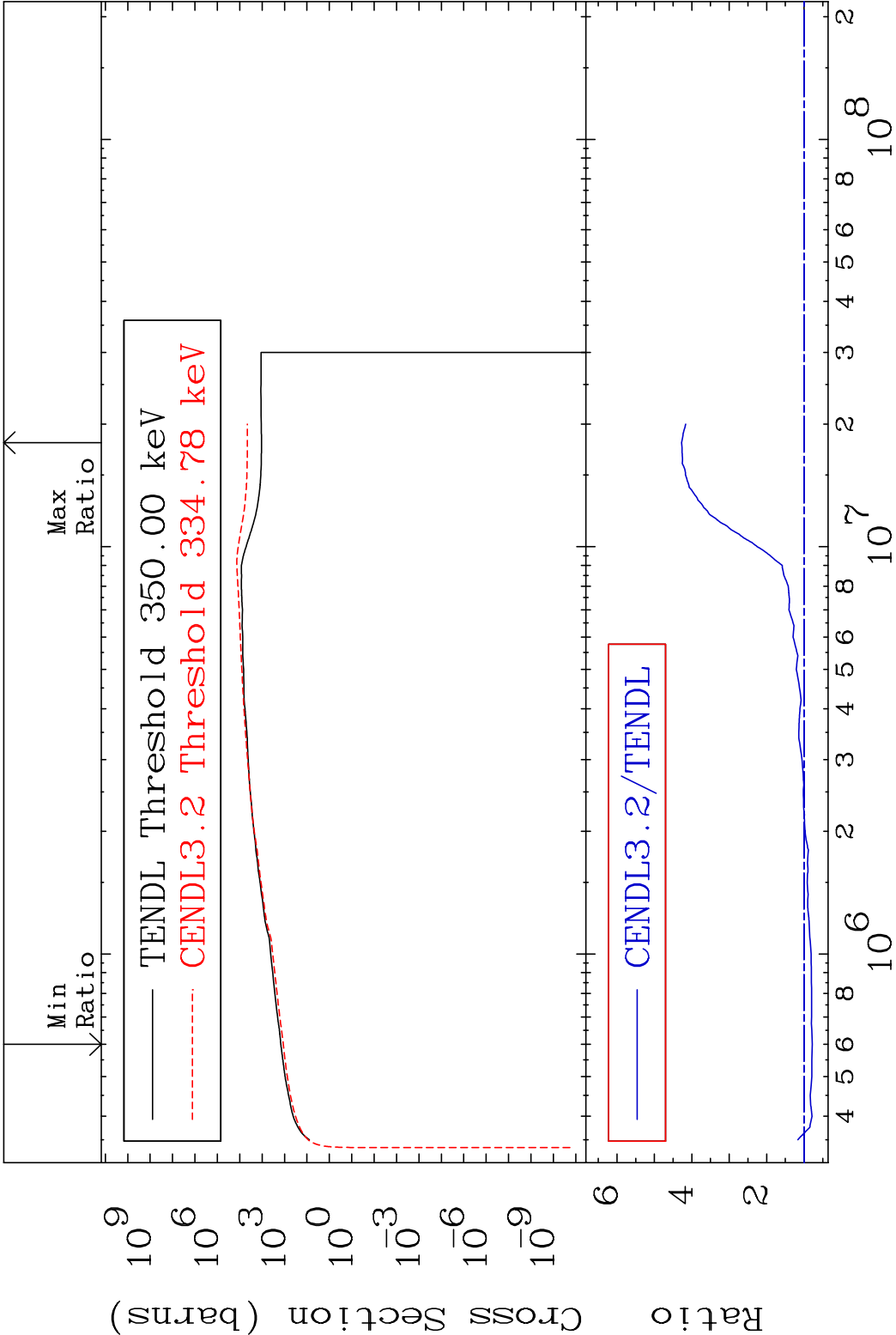
MAT 5137	Dpa total (eV-barns)	51-Sb-125
	Cross Section	-99.99 To 9999. %



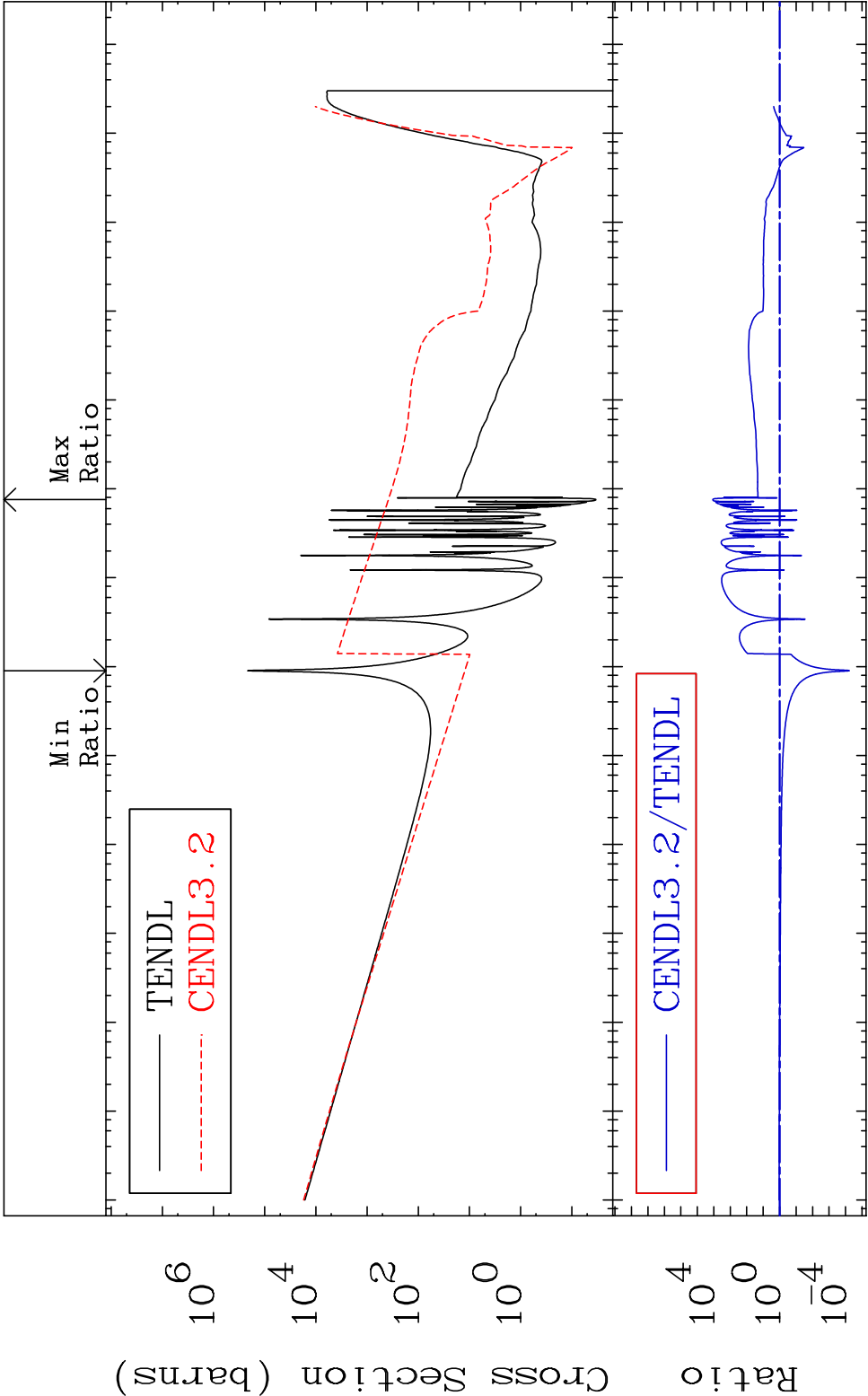
MAT 5137 Dpa elastic (mt2) 51-Sb-125
Cross Section -72.31 To 8.831 %



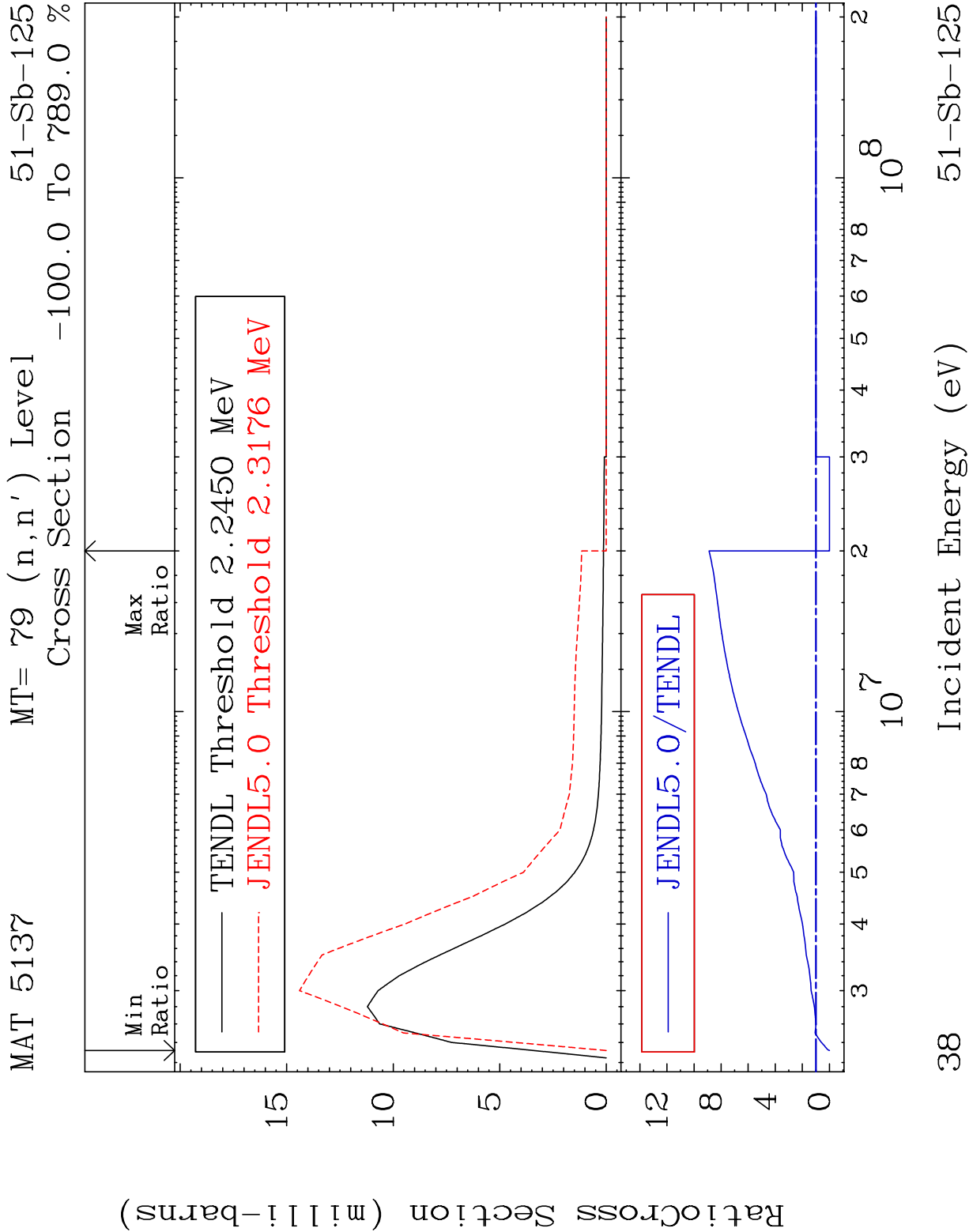
35 Incident Energy (eV) 51-Sb-125

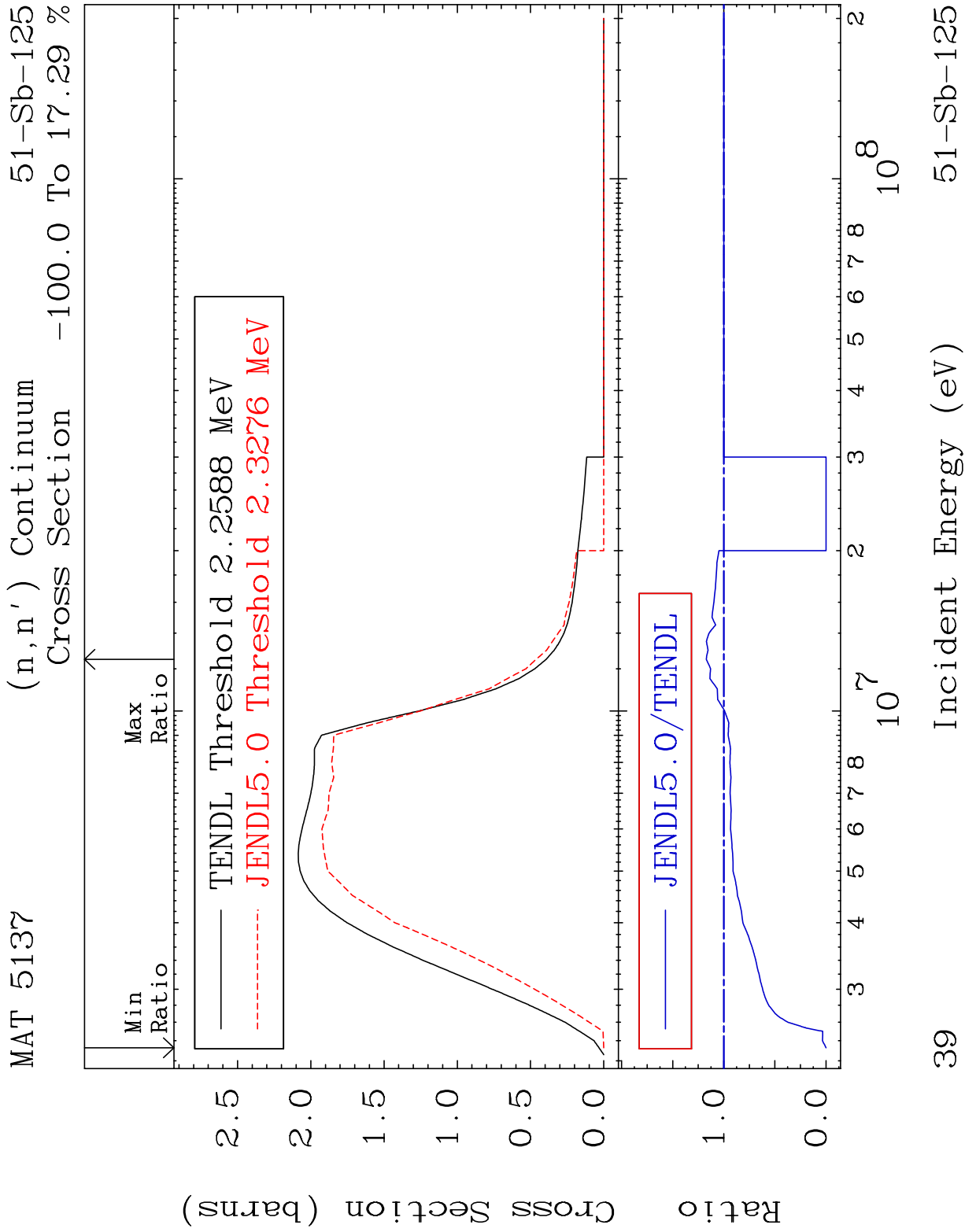


MAT 5137 Dpa disappearance (mt102 -120) 51-Sb-125
Cross Section -99.99 To 9999. %



37 Incident Energy (eV) 51-Sb-125



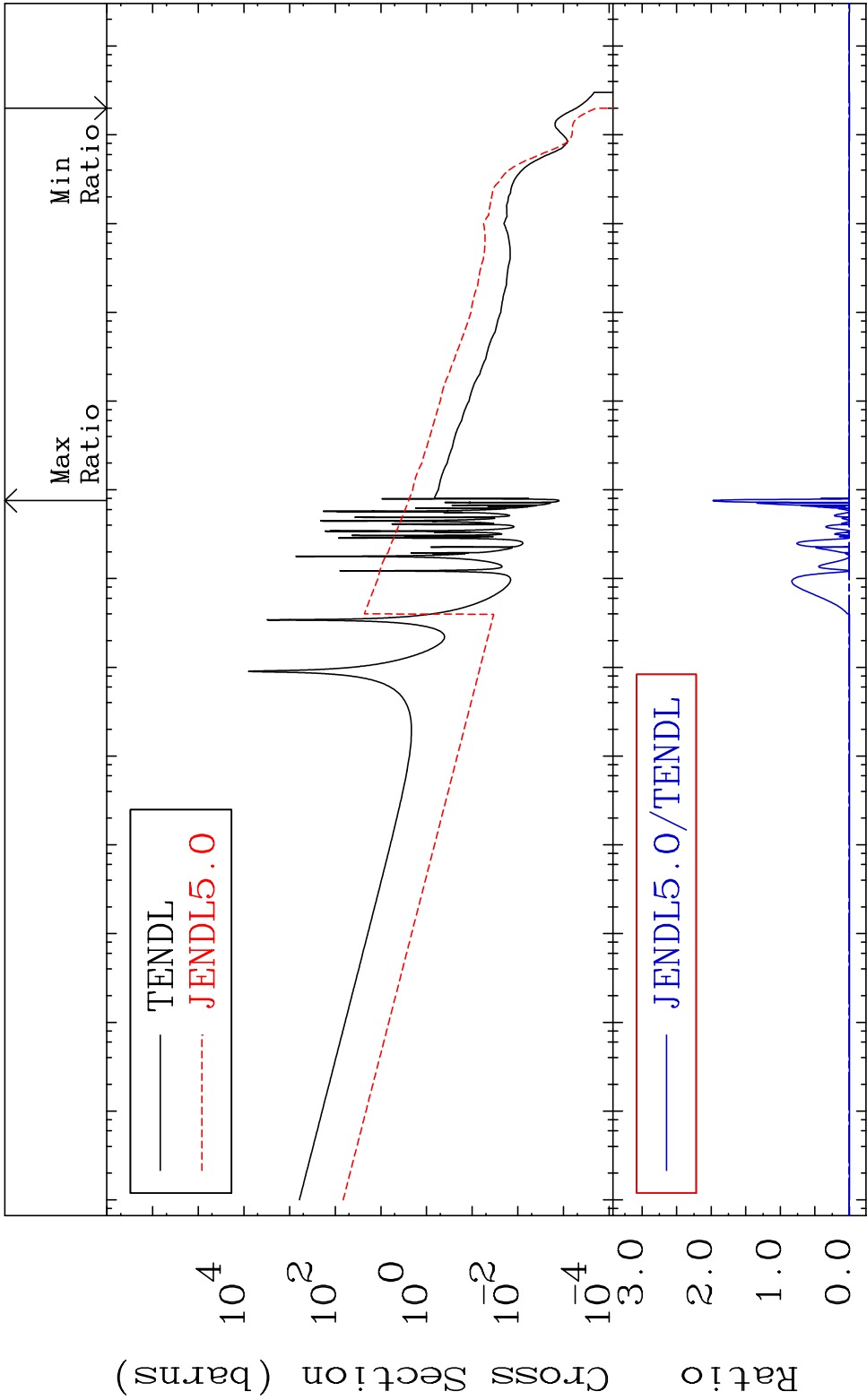


MAT 5137

(n, γ)

51-Sb-125

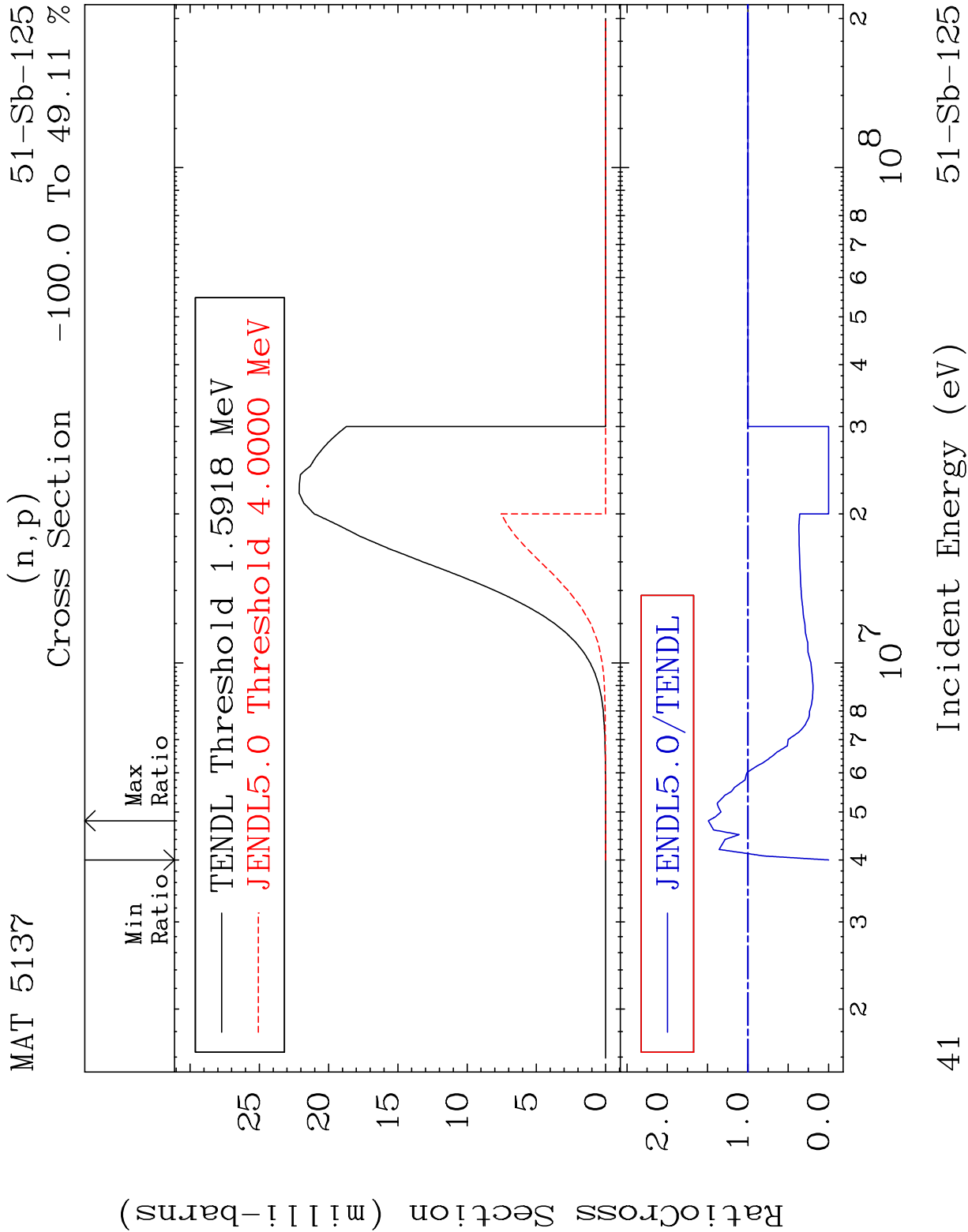
Cross Section -100.0 To 9999. %

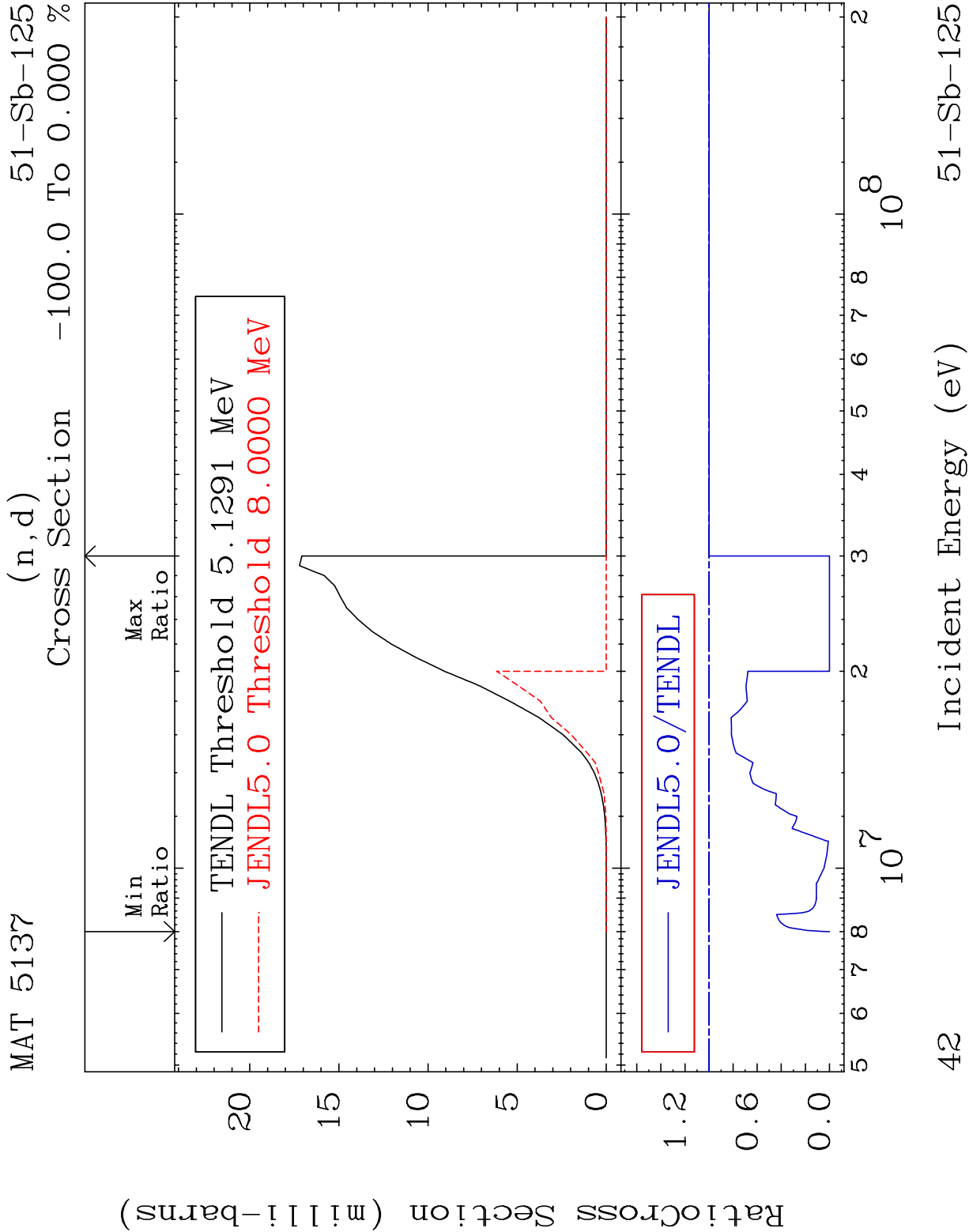


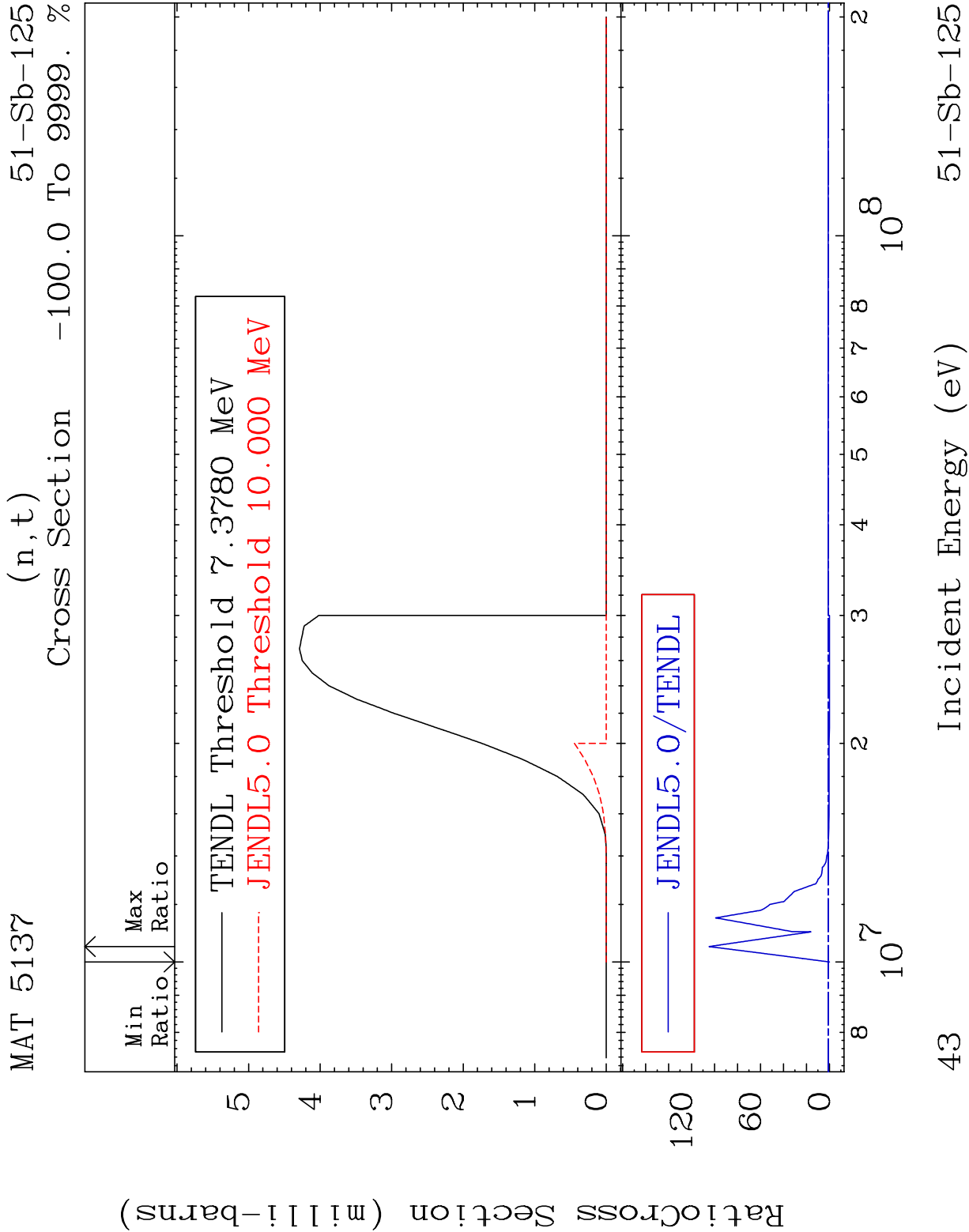
40

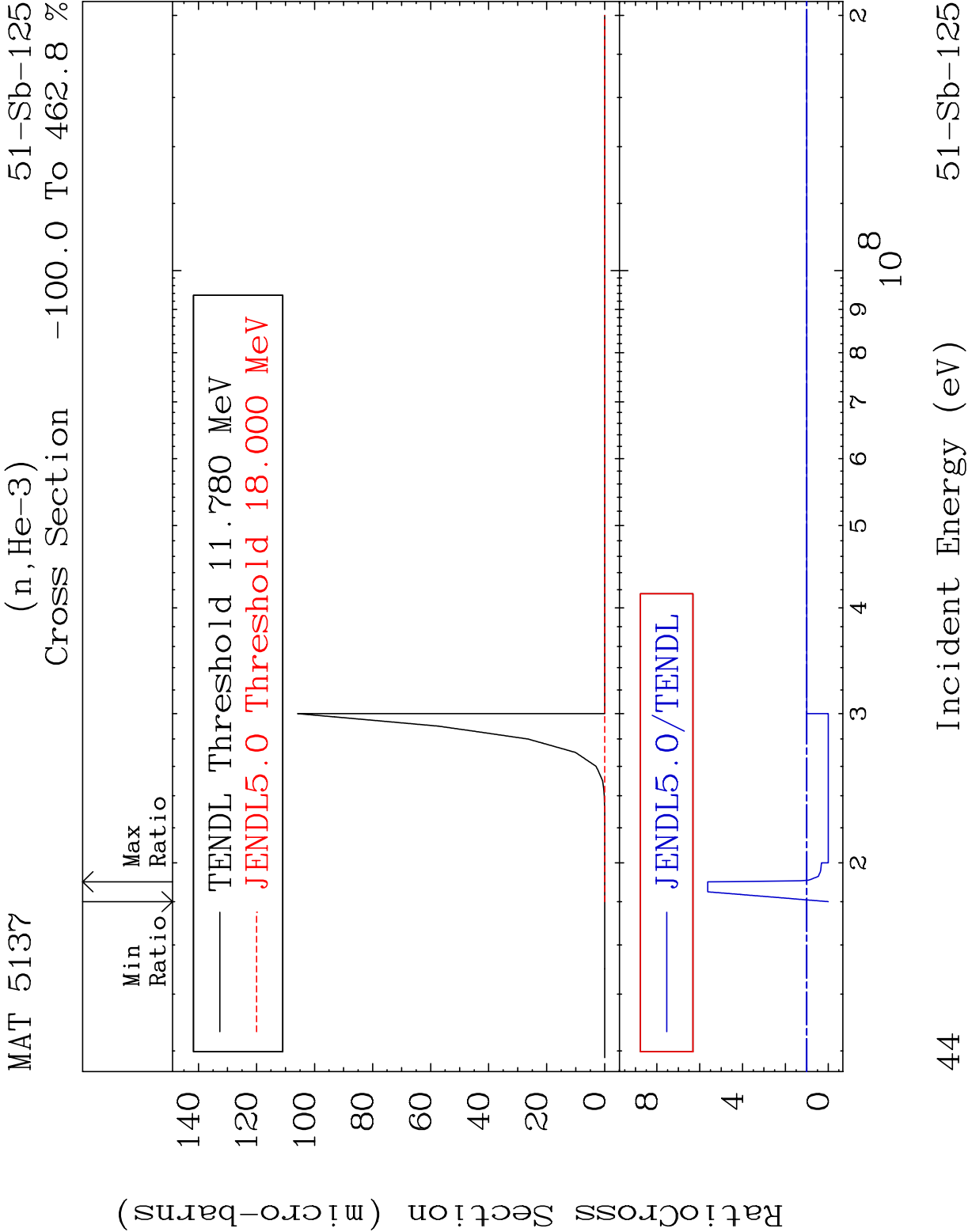
Incident Energy (eV)

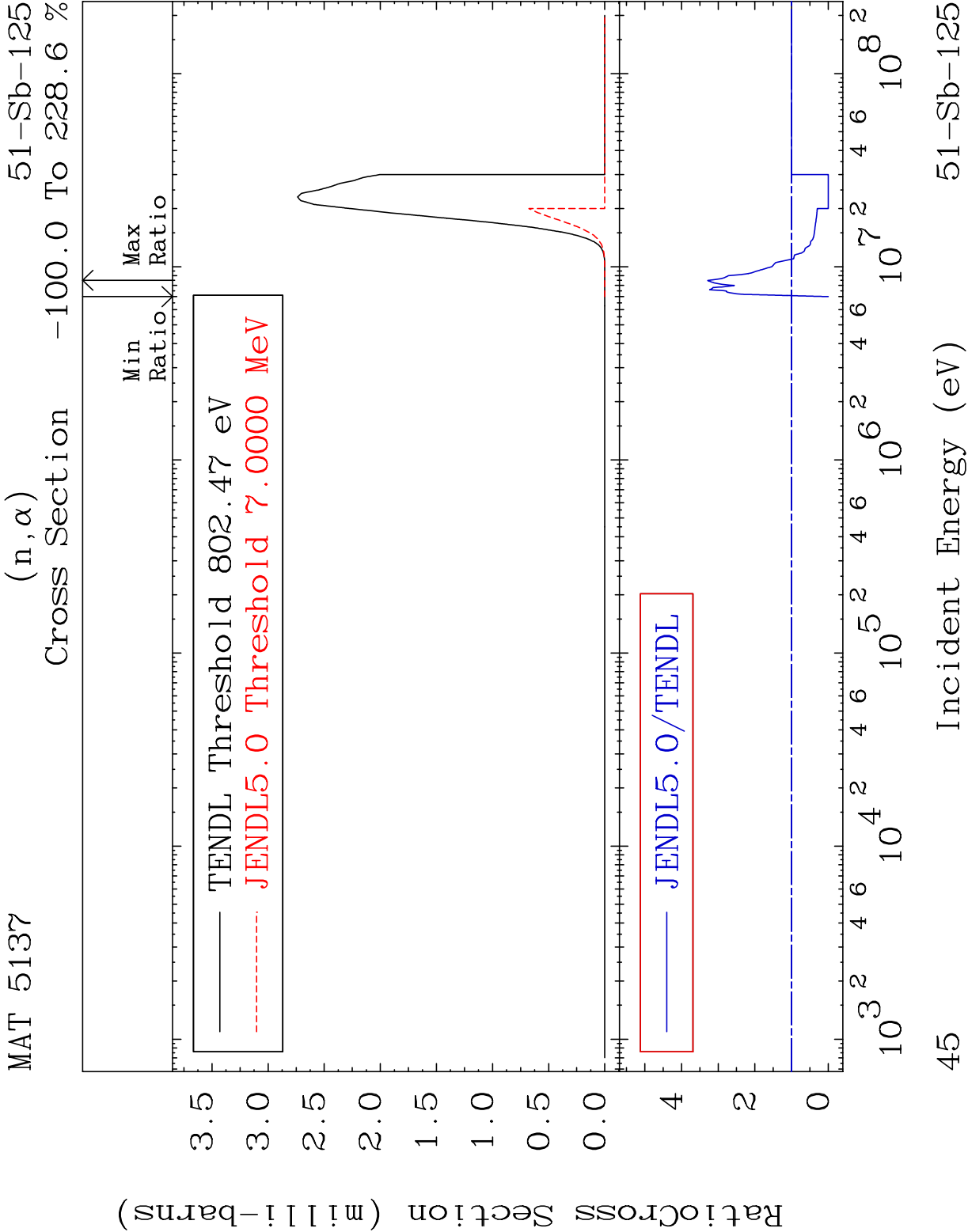
51-Sb-125

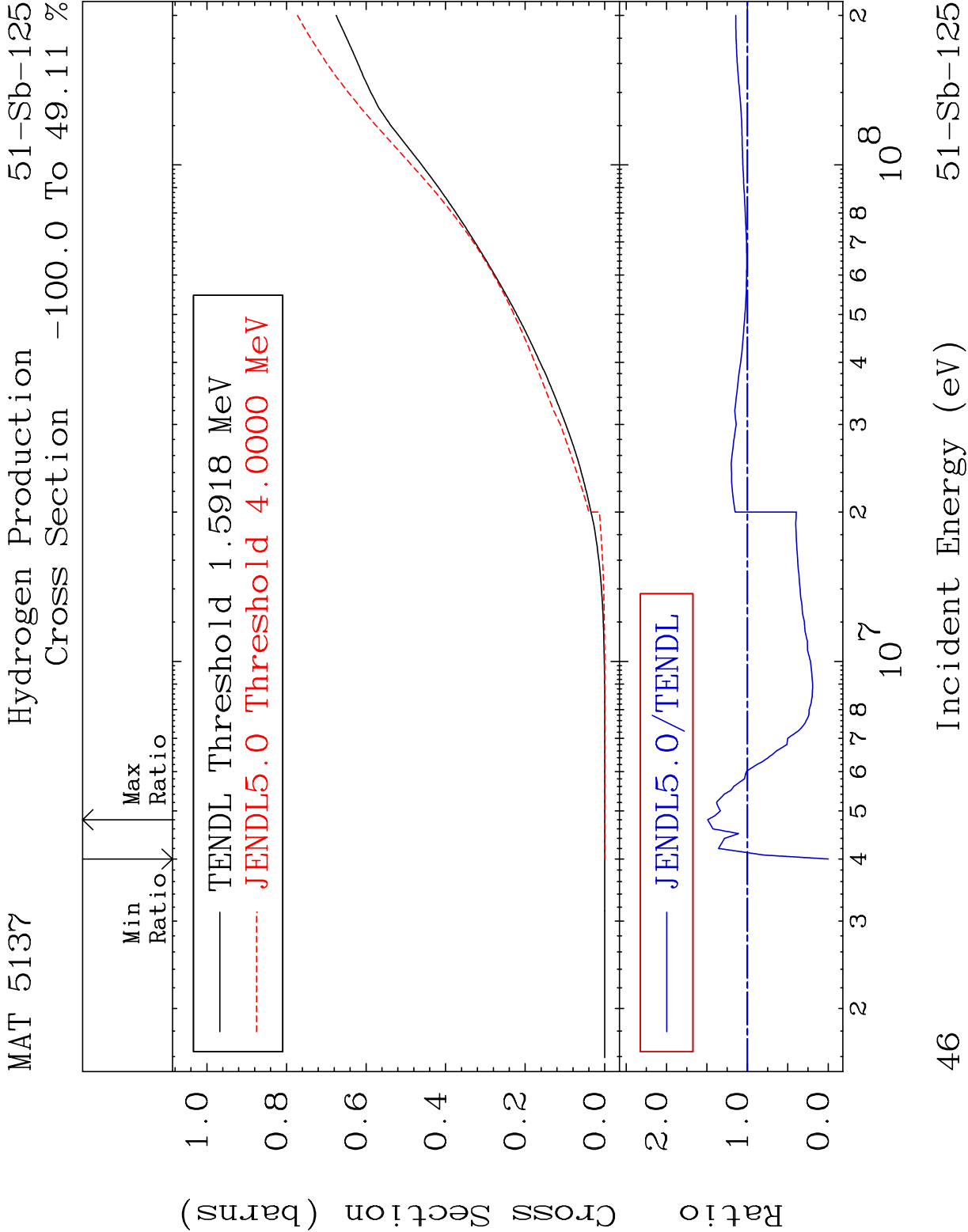


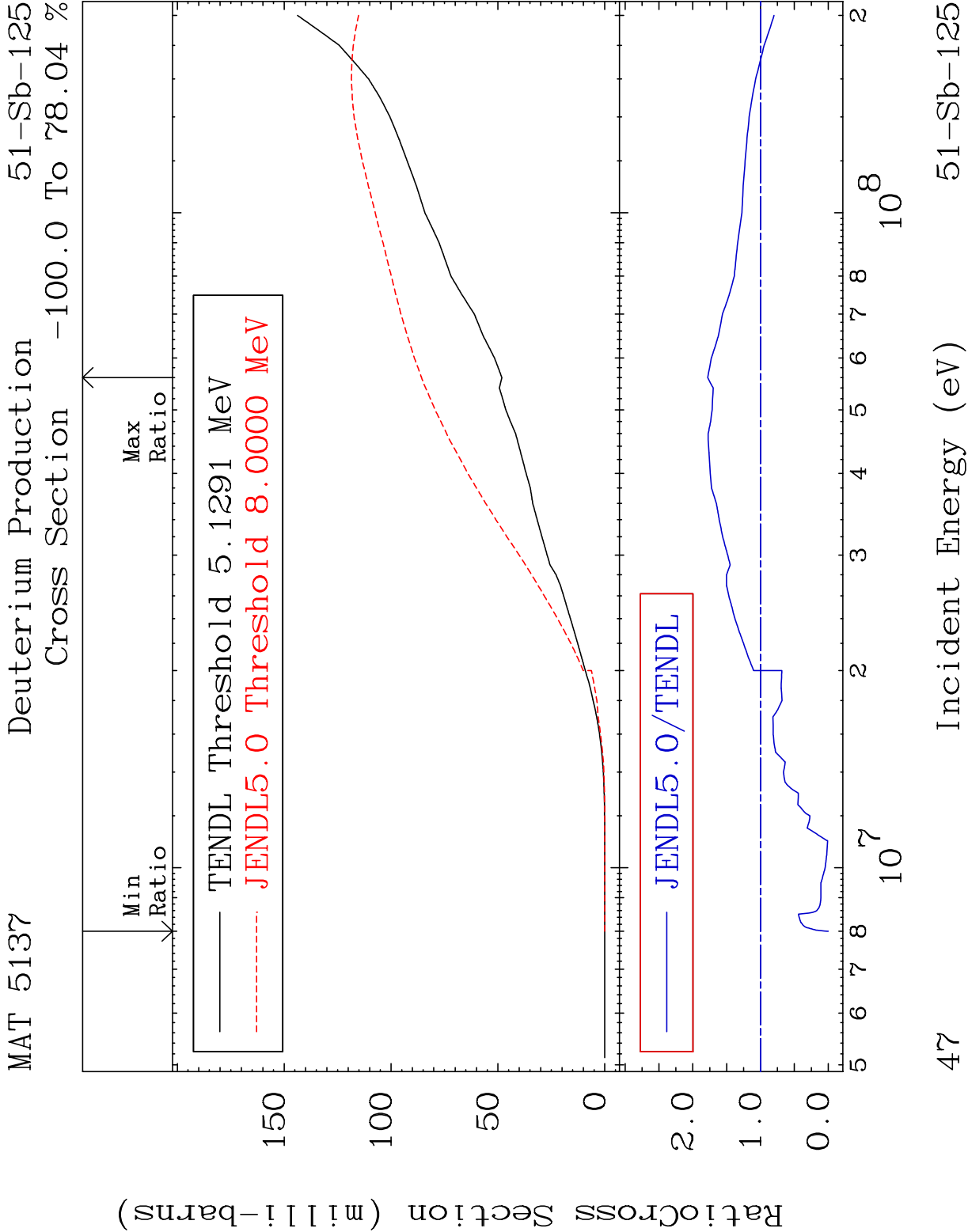


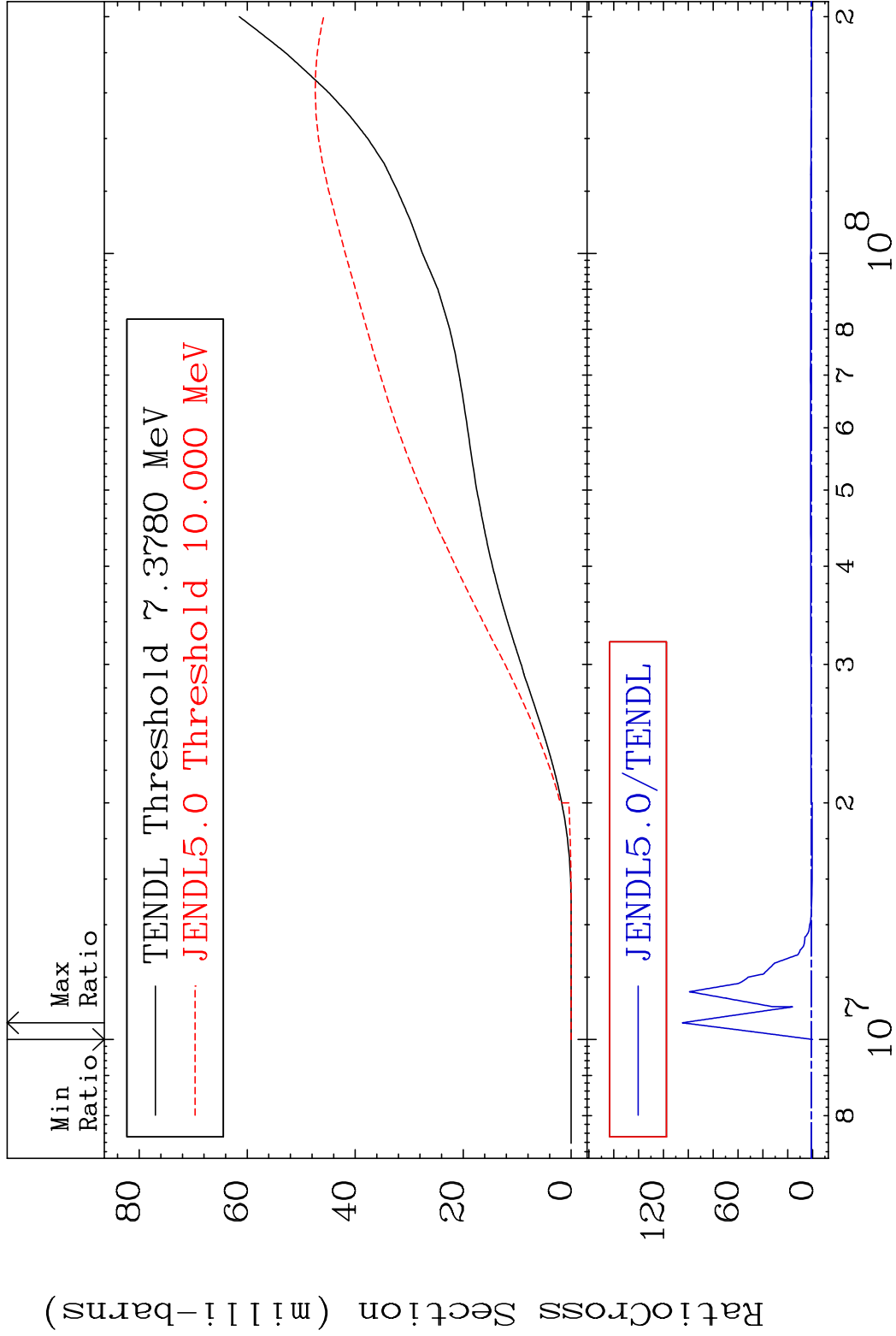


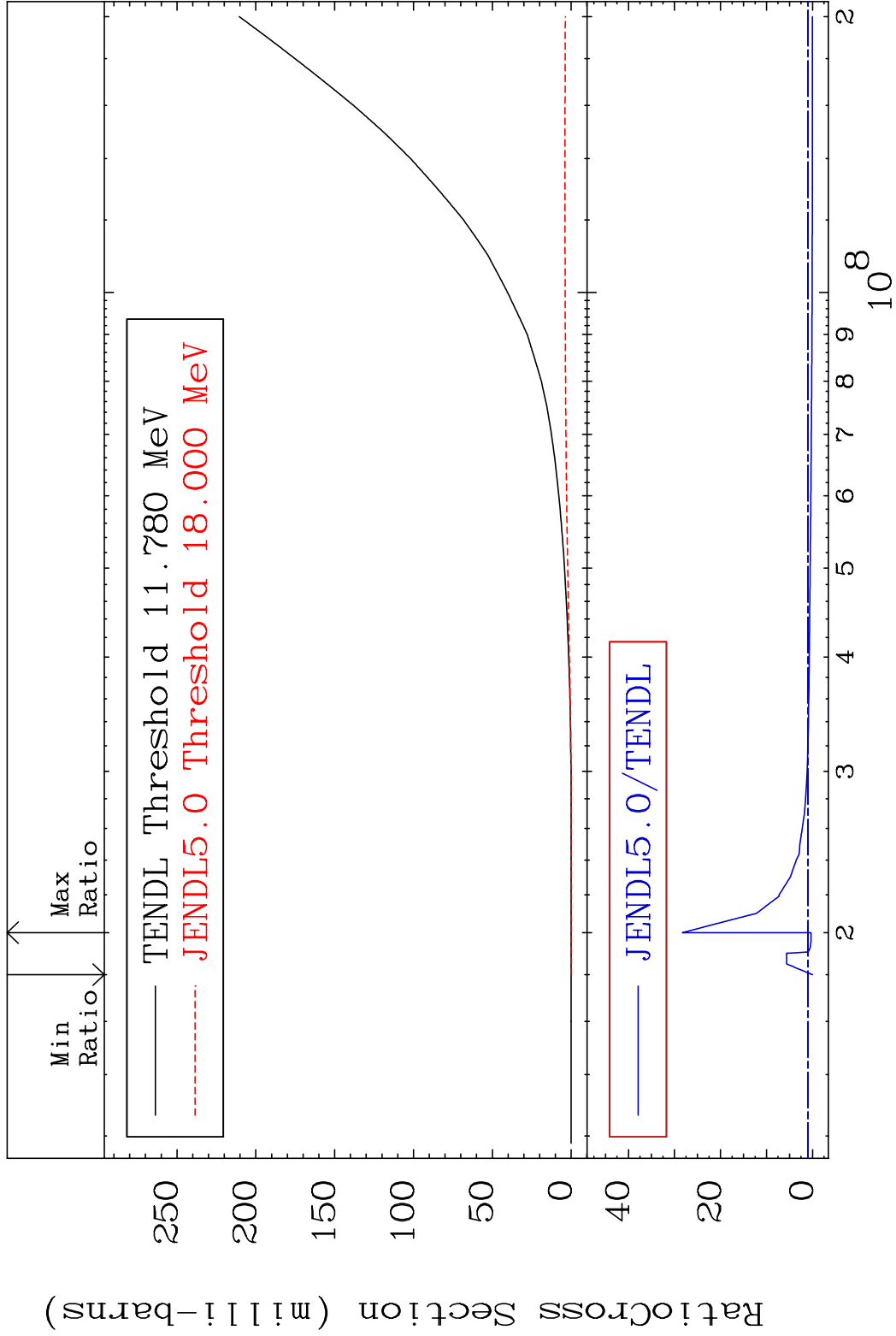


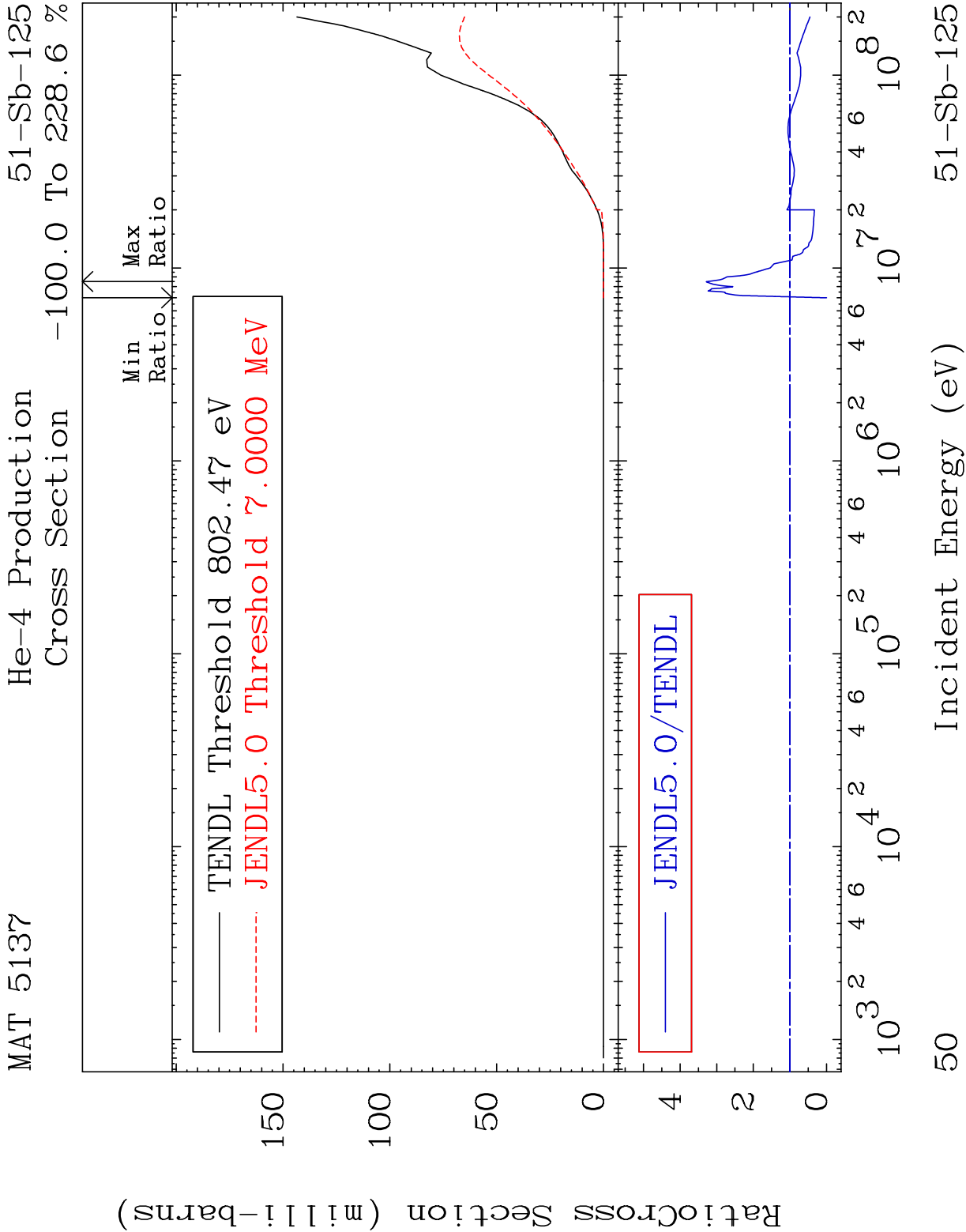




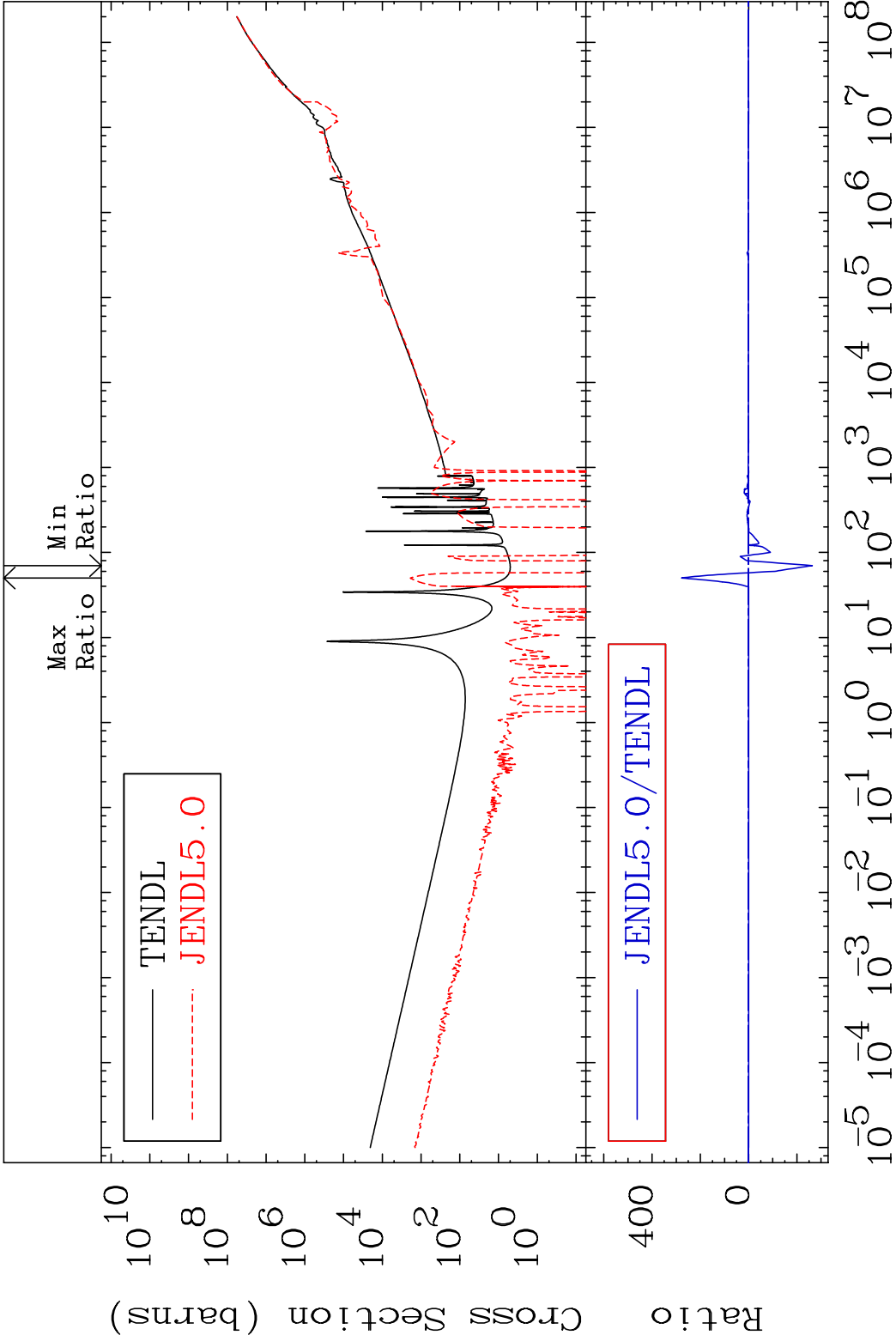








MAT 5137 Kerma total (eV-barns) 51-Sb-125
Cross Section -9999. To 9999. %

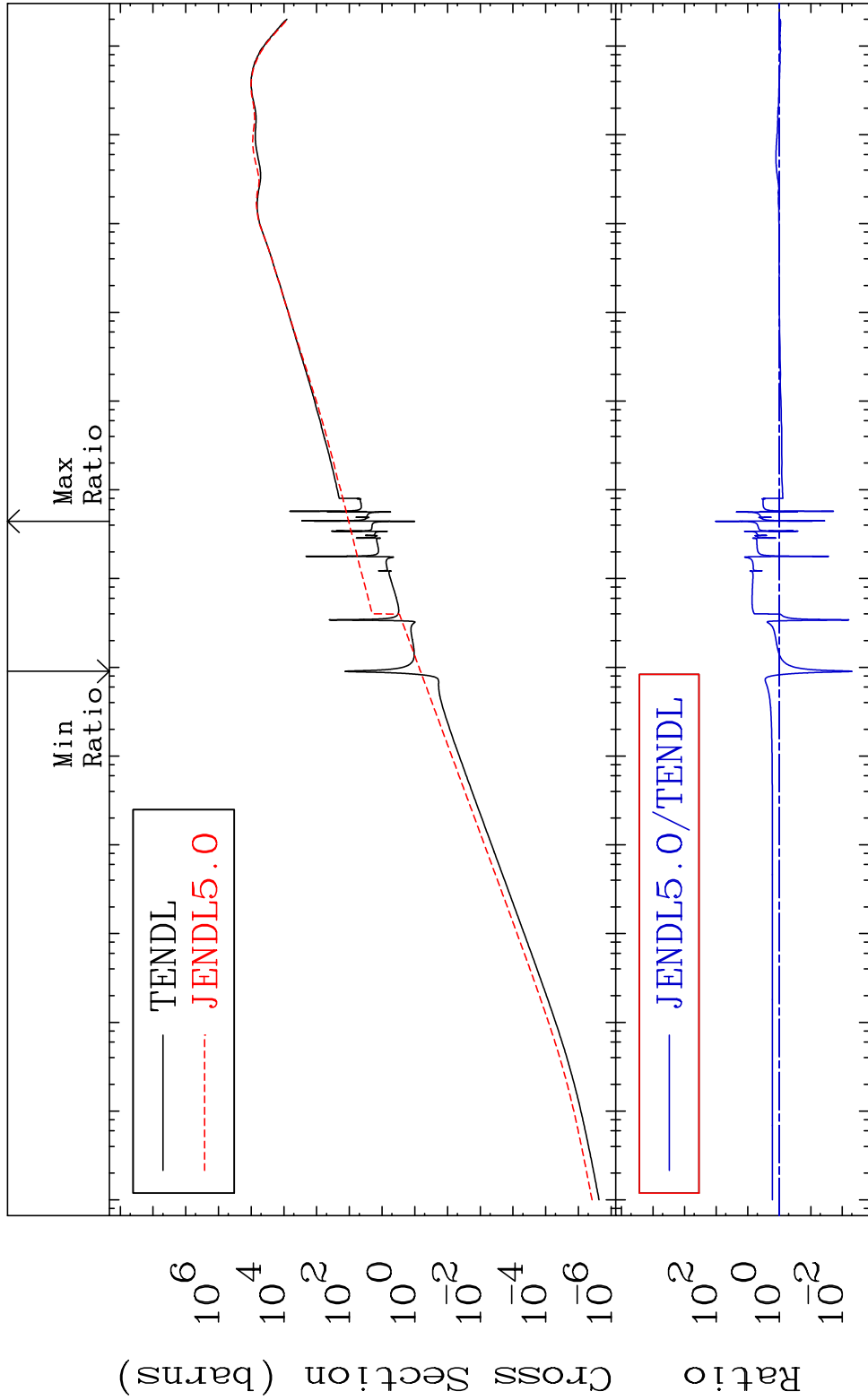


51 Incident Energy (eV) 51-Sb-125

MAT 5137

Kerma elastic
Cross Section -99.51 To 9999. %

51-Sb-125



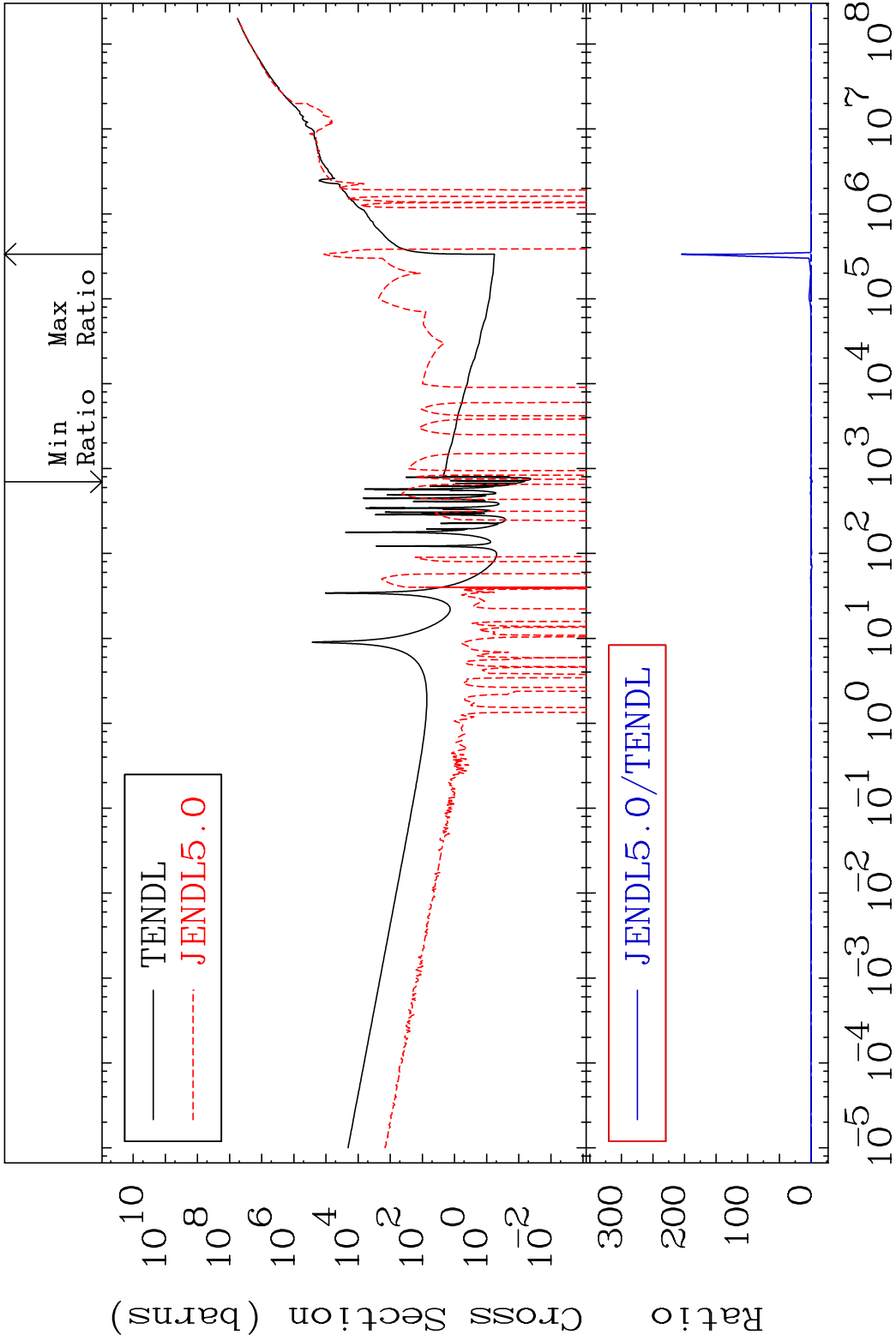
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

52

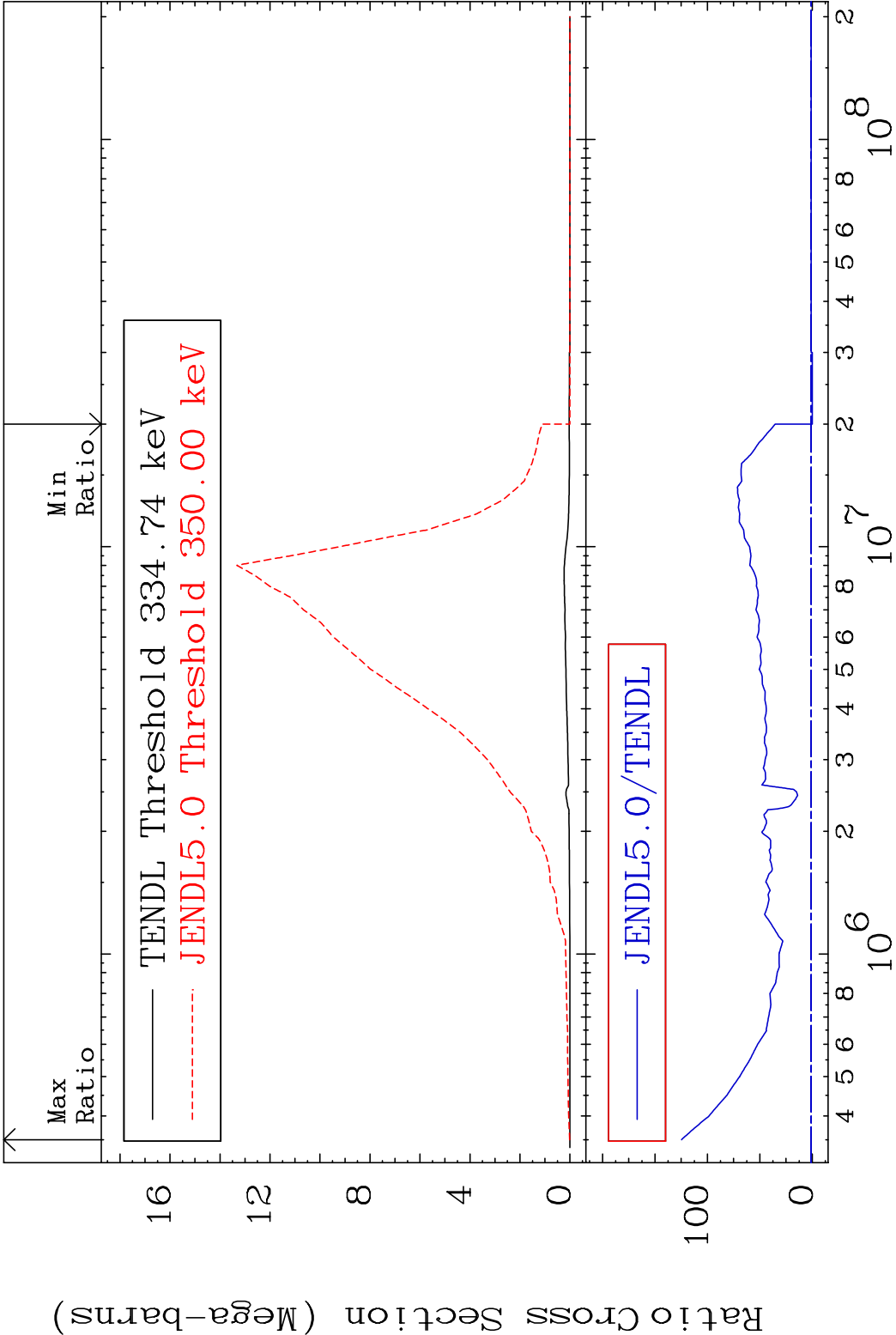
Incident Energy (eV)

51-Sb-125

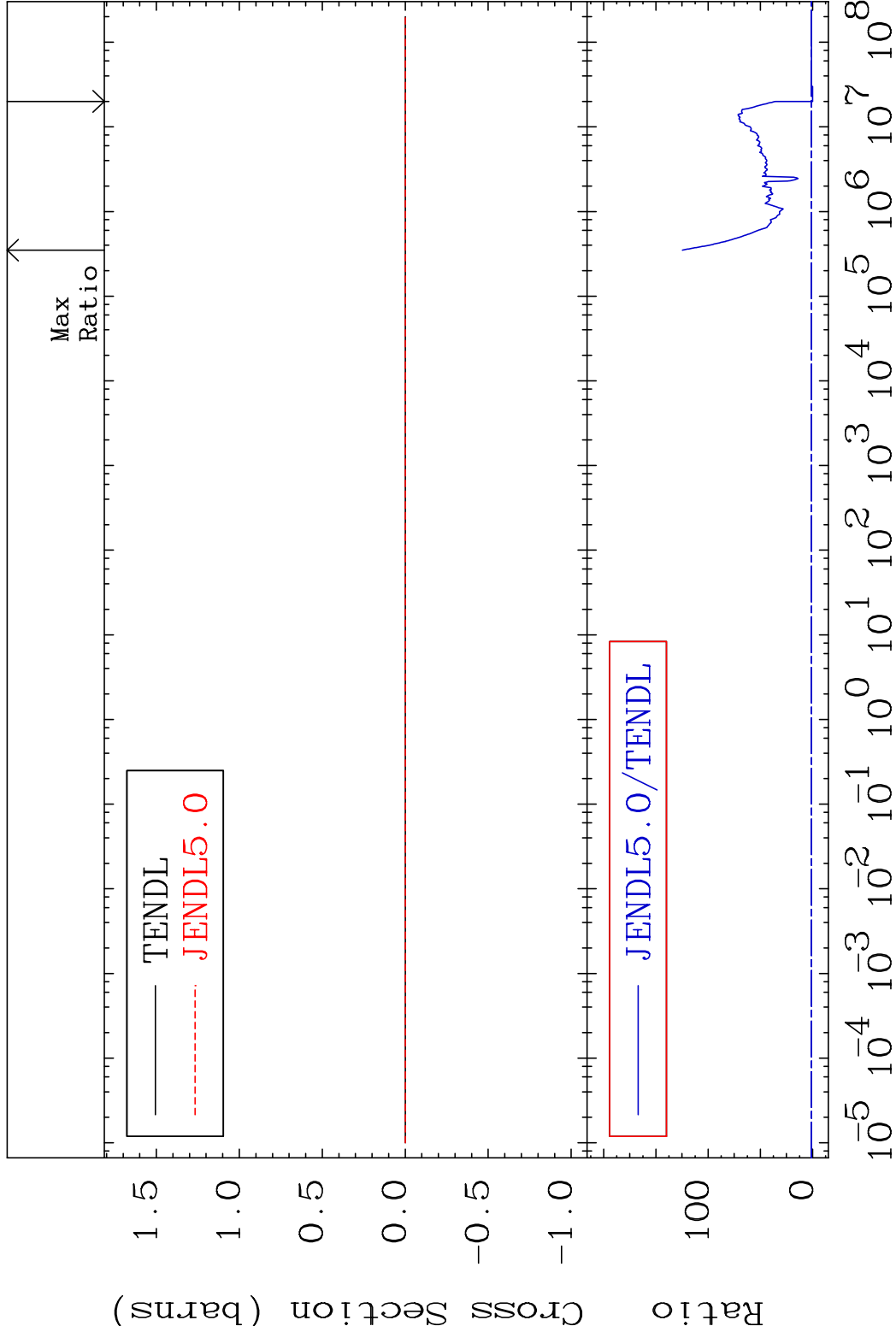
MAT 5137 Kerma non-elastic (all but mt2) 51-Sb-125
Cross Section -9999. To 9999. %

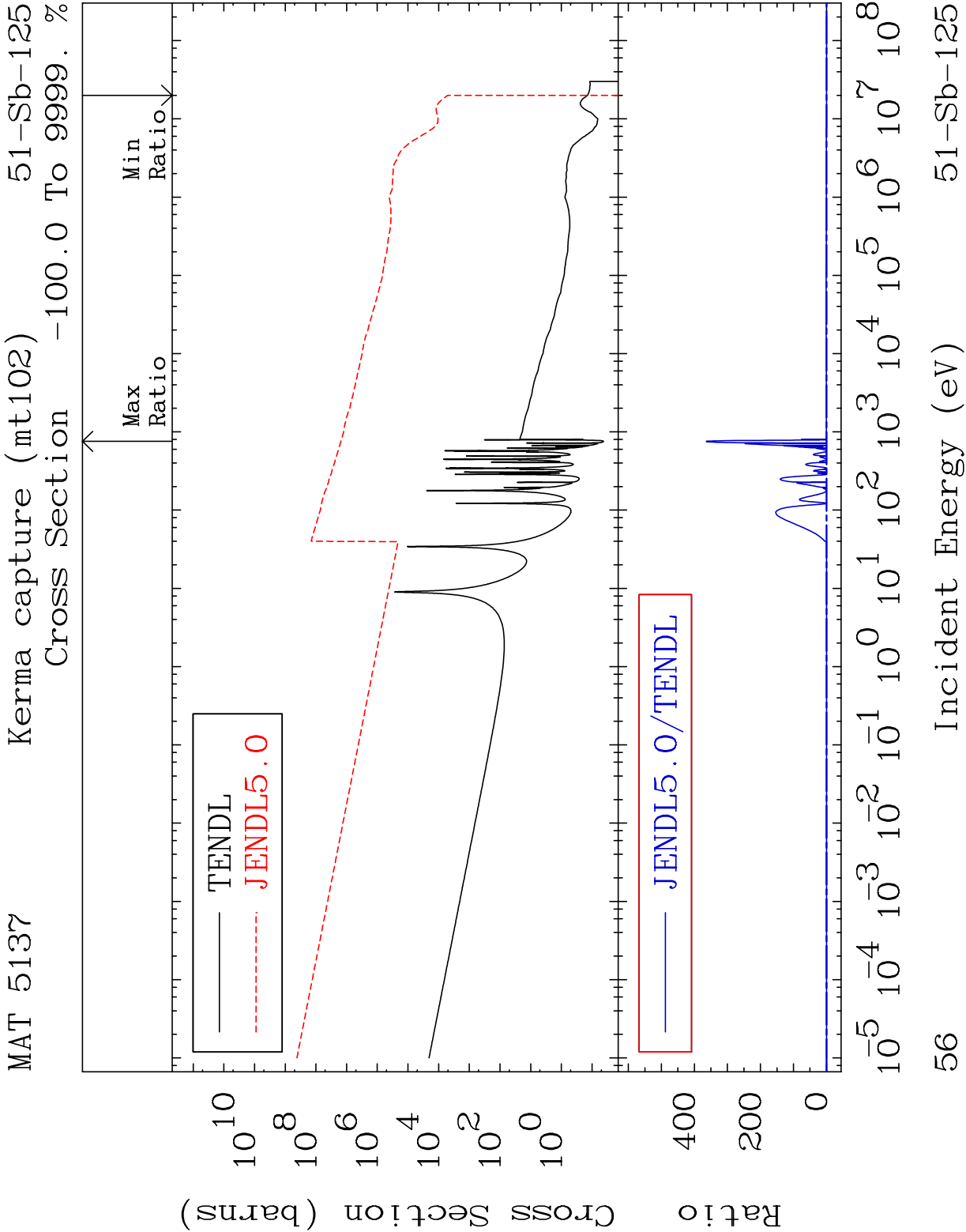


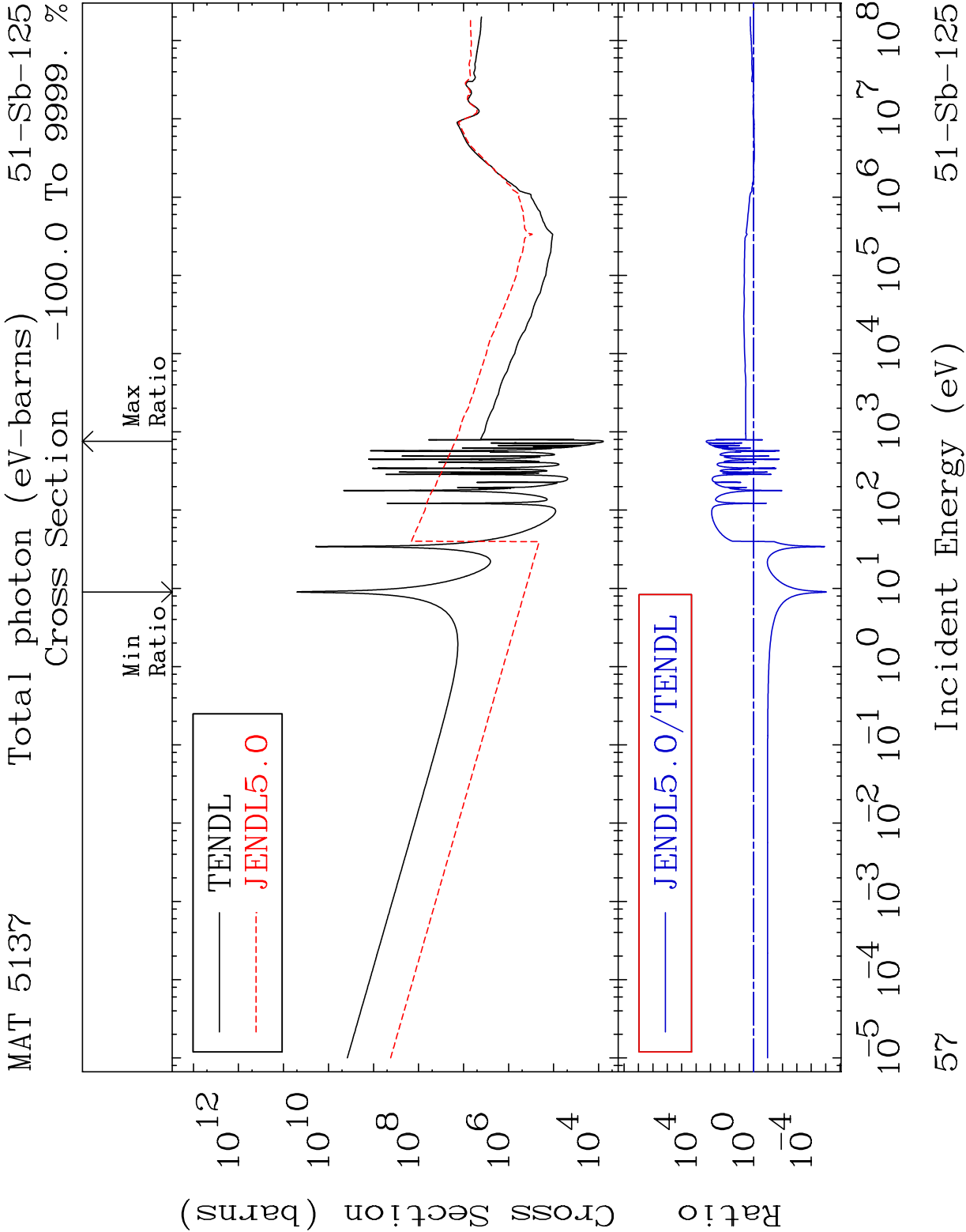
53 Incident Energy (eV) 51-Sb-125



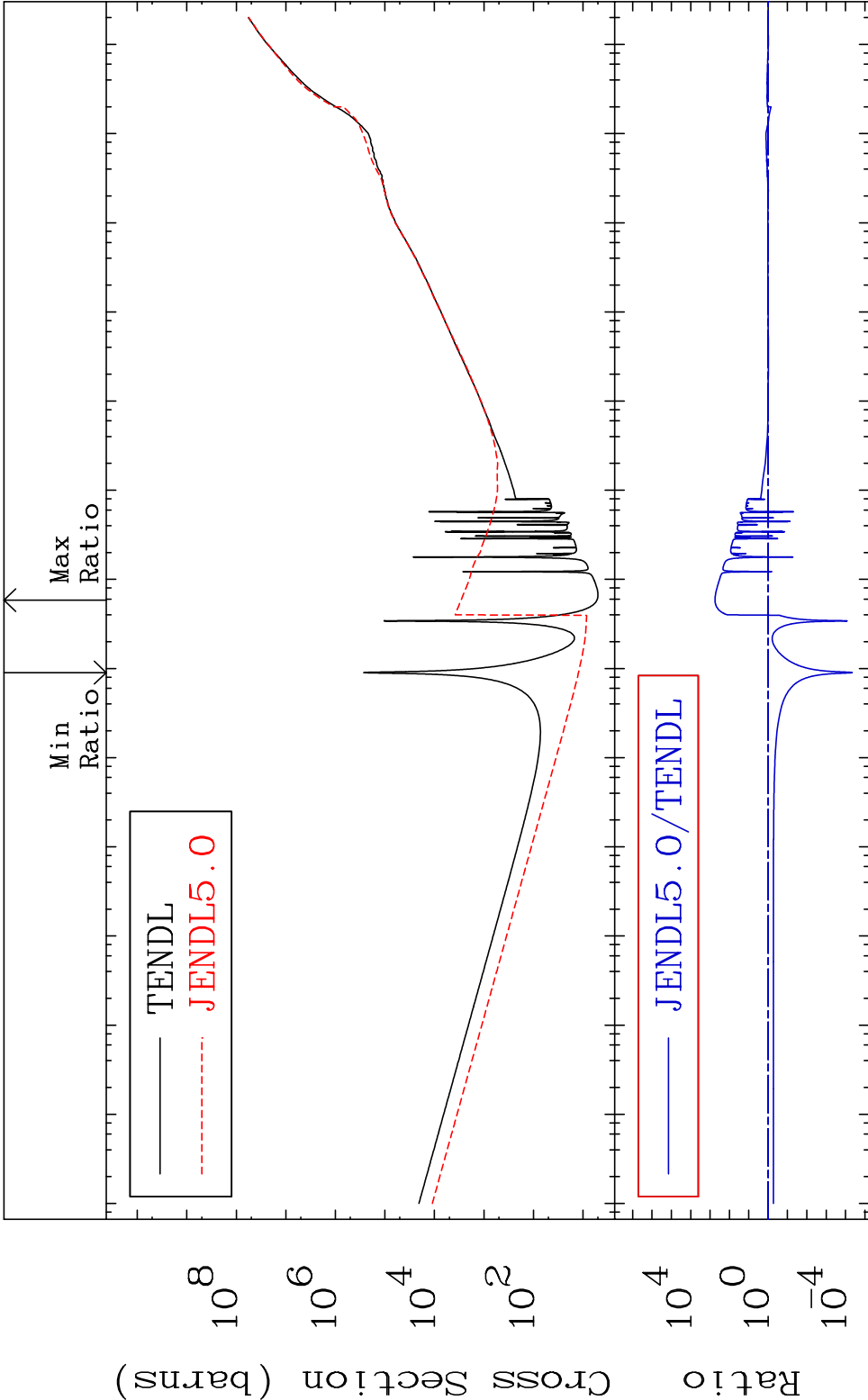
MAT 5137 Kerma fission (mt18 or mt19-20-21-38) 51-Sb-125
Cross Section -100.0 To 9999. %



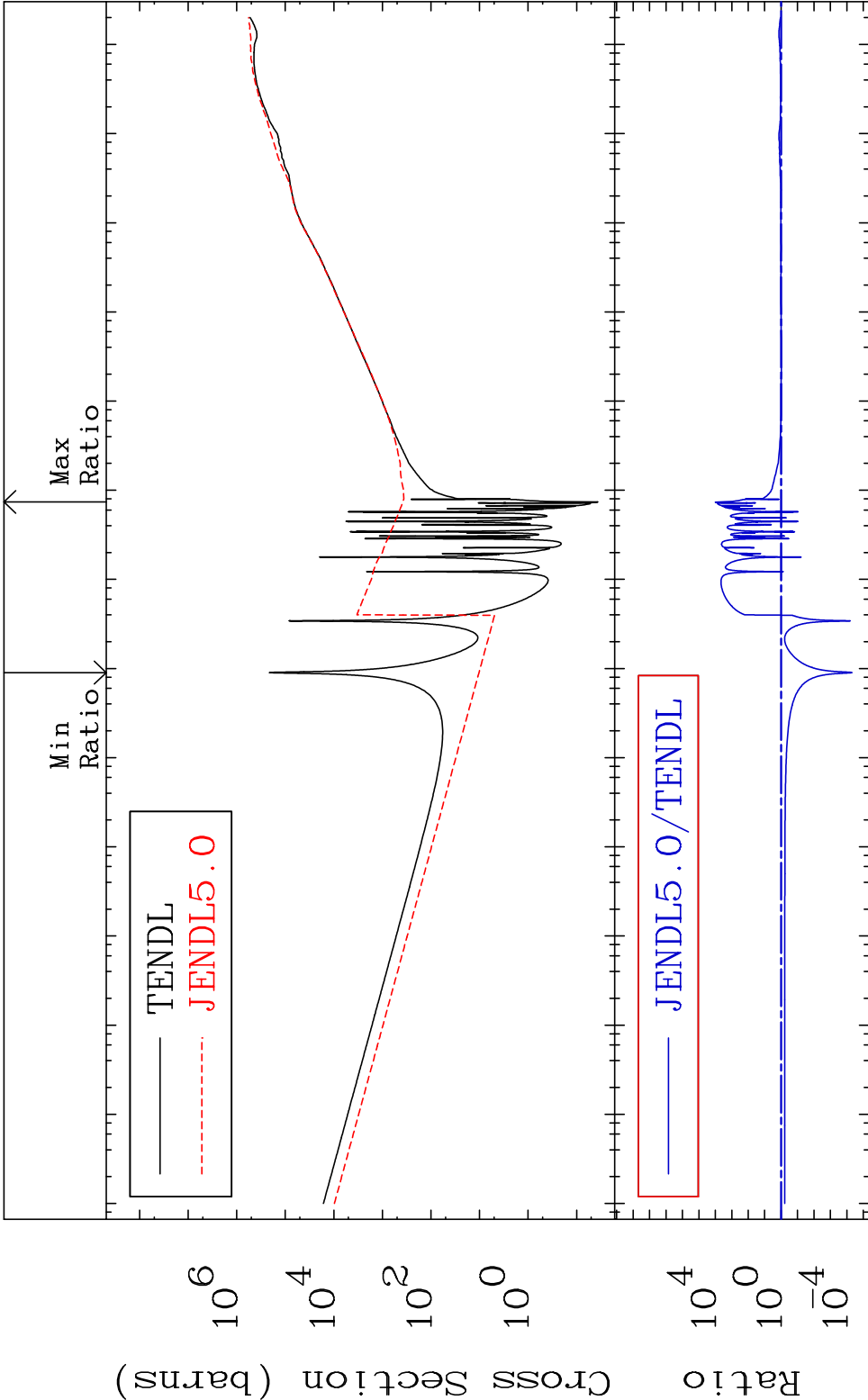




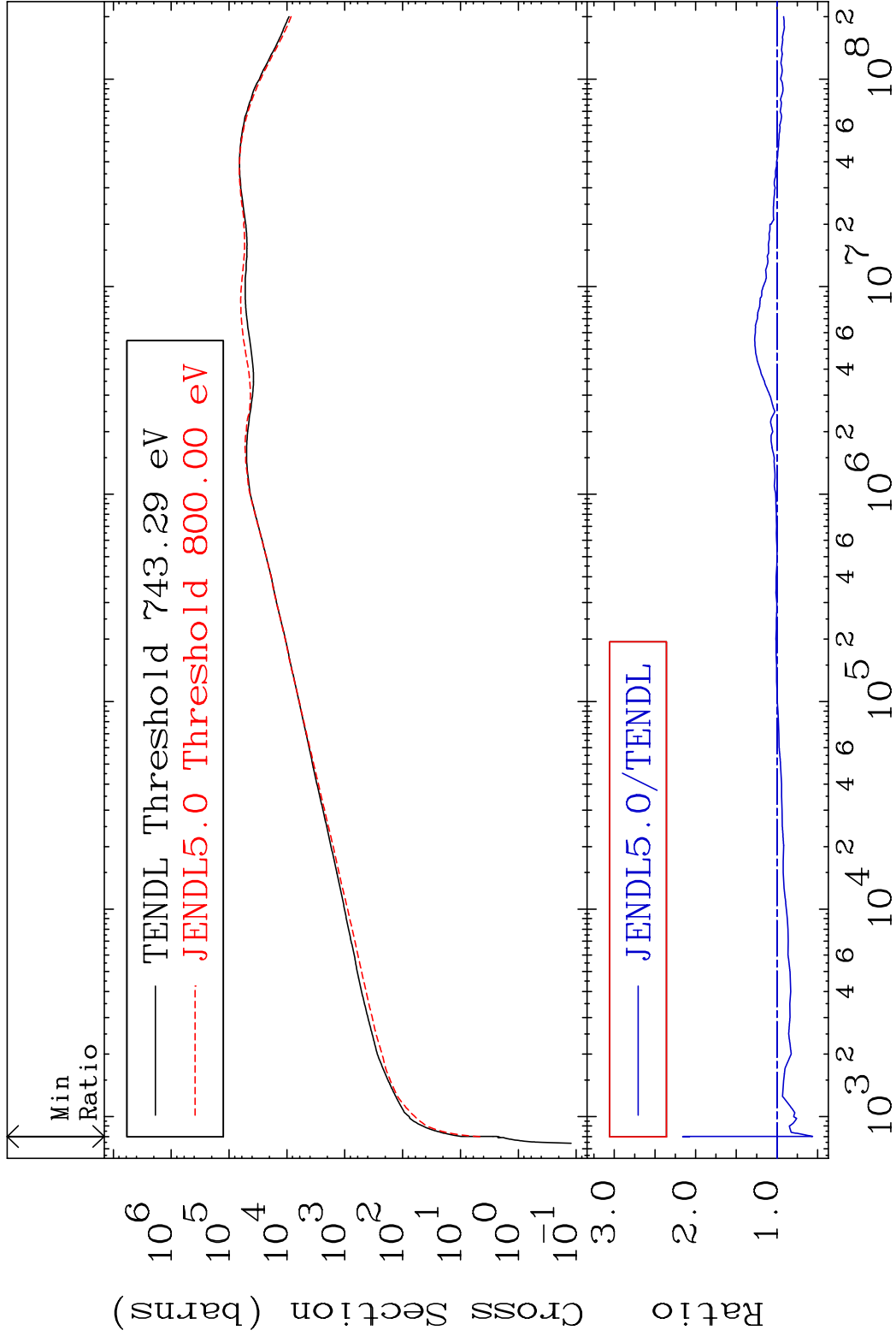
MAT 5137 Total kinematic kerma (high limit) 51-Sb-125
Cross Section -100.0 To 9999. %

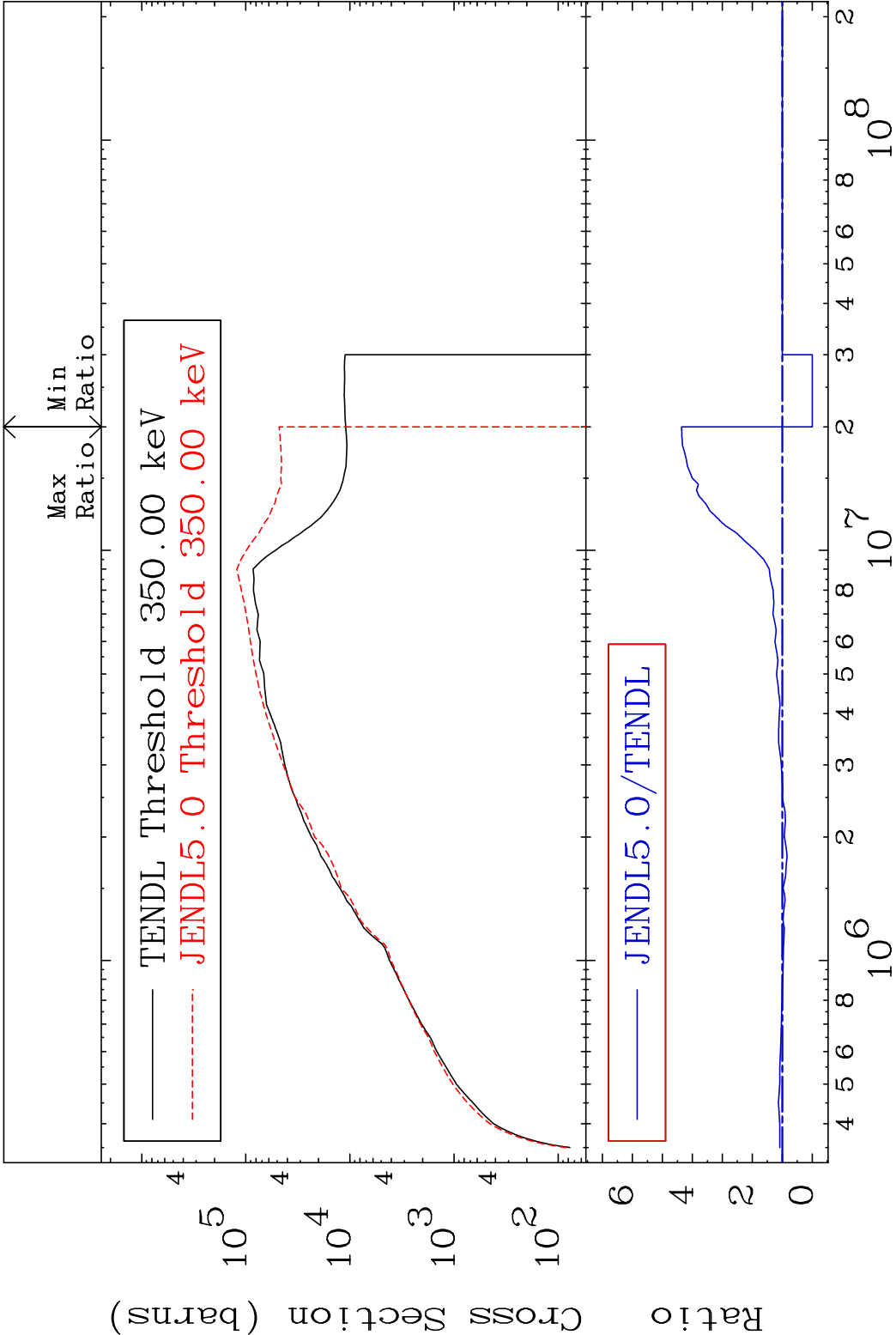


MAT 5137 Dpa total (eV-barns) 51-Sb-125
Cross Section -100.0 To 9999. %

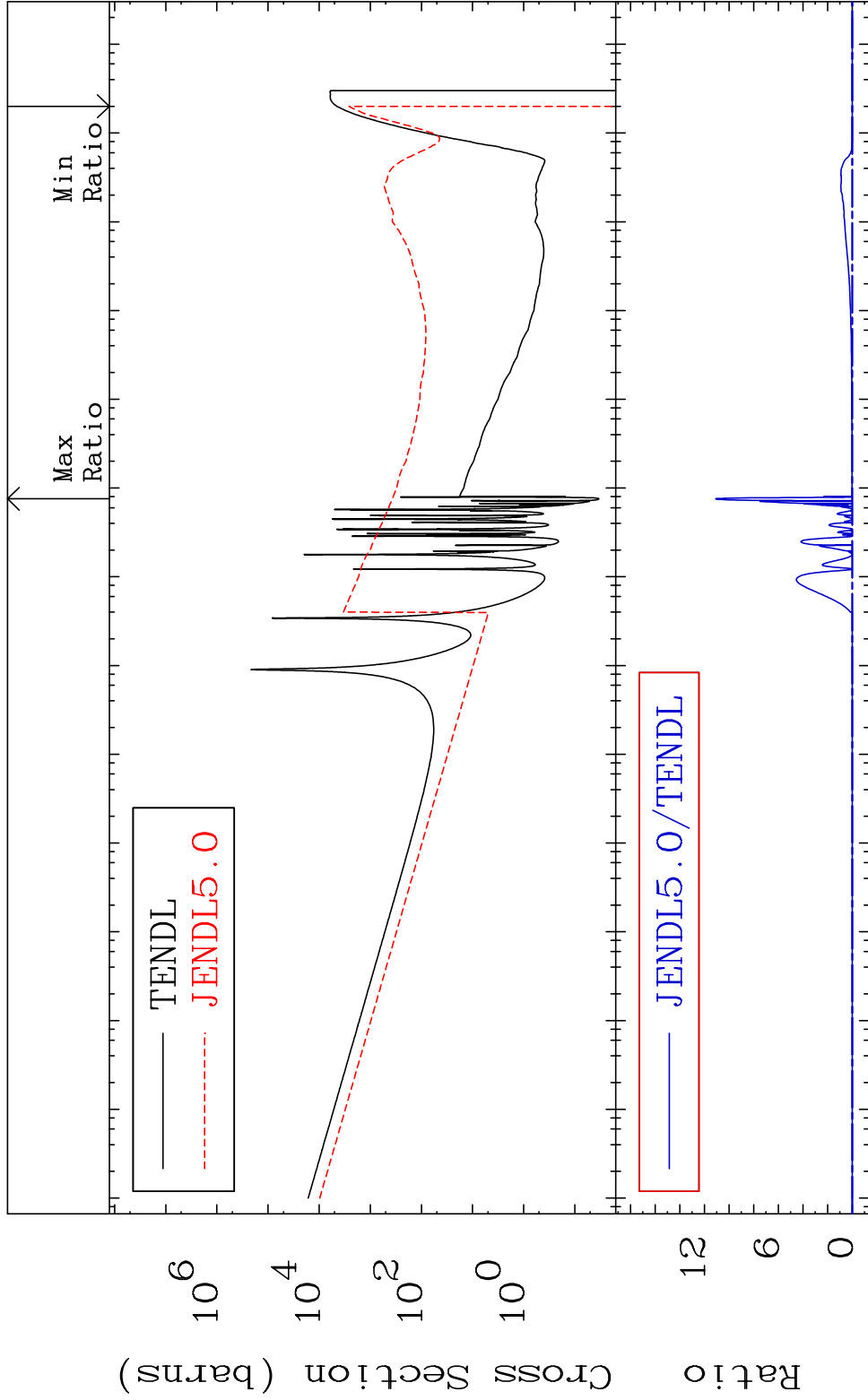


MAT 5137 Dpa elastic (mt2) 51-Sb-125
Cross Section -43.73 To 116.3 %





MAT 5137 Dpa disappearance (mt102 -120) 51-Sb-125
Cross Section -100.0 To 9999. %



62 Incident Energy (eV) 51-Sb-125

