

Program Complot
(Version 2021-1)

by

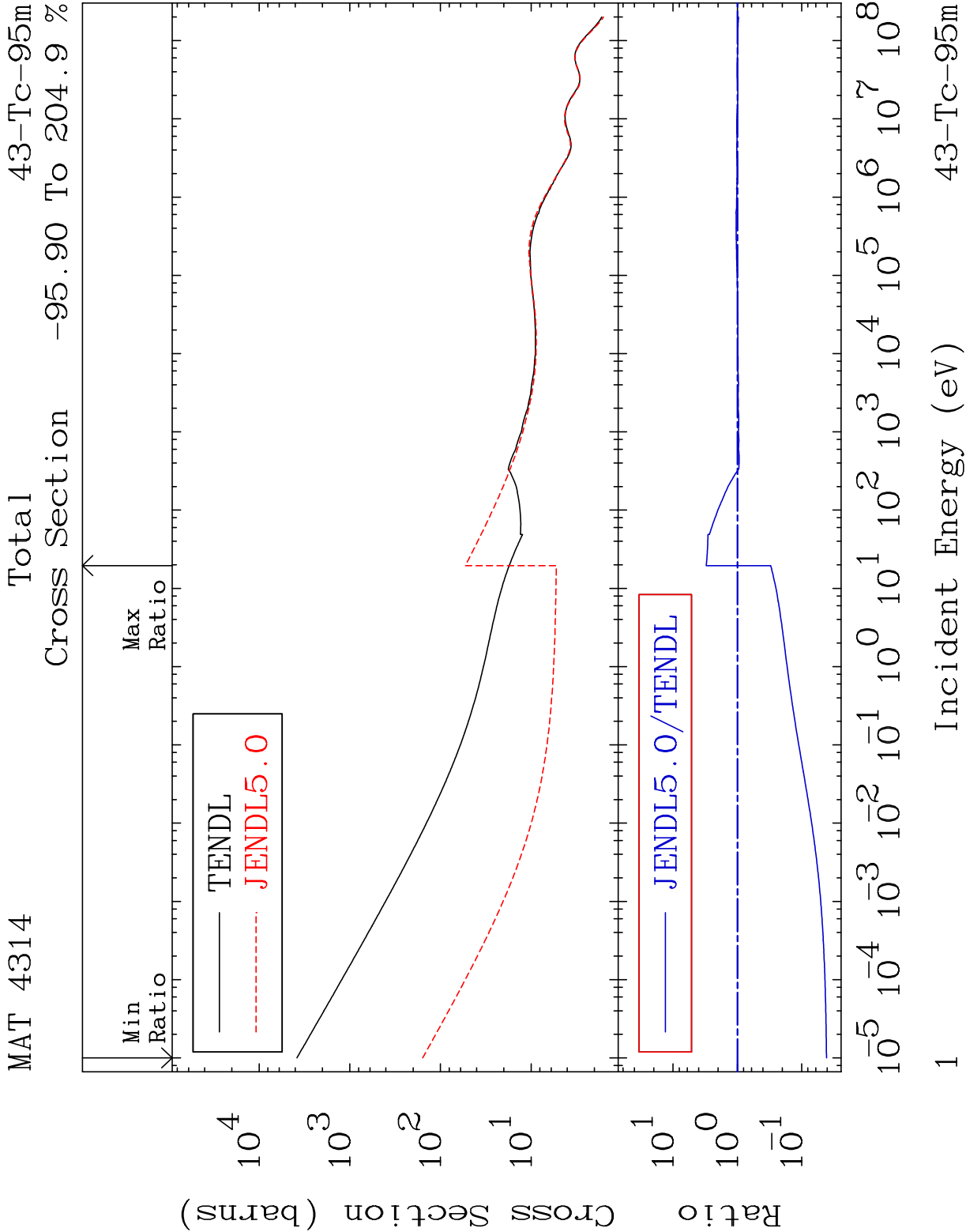
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

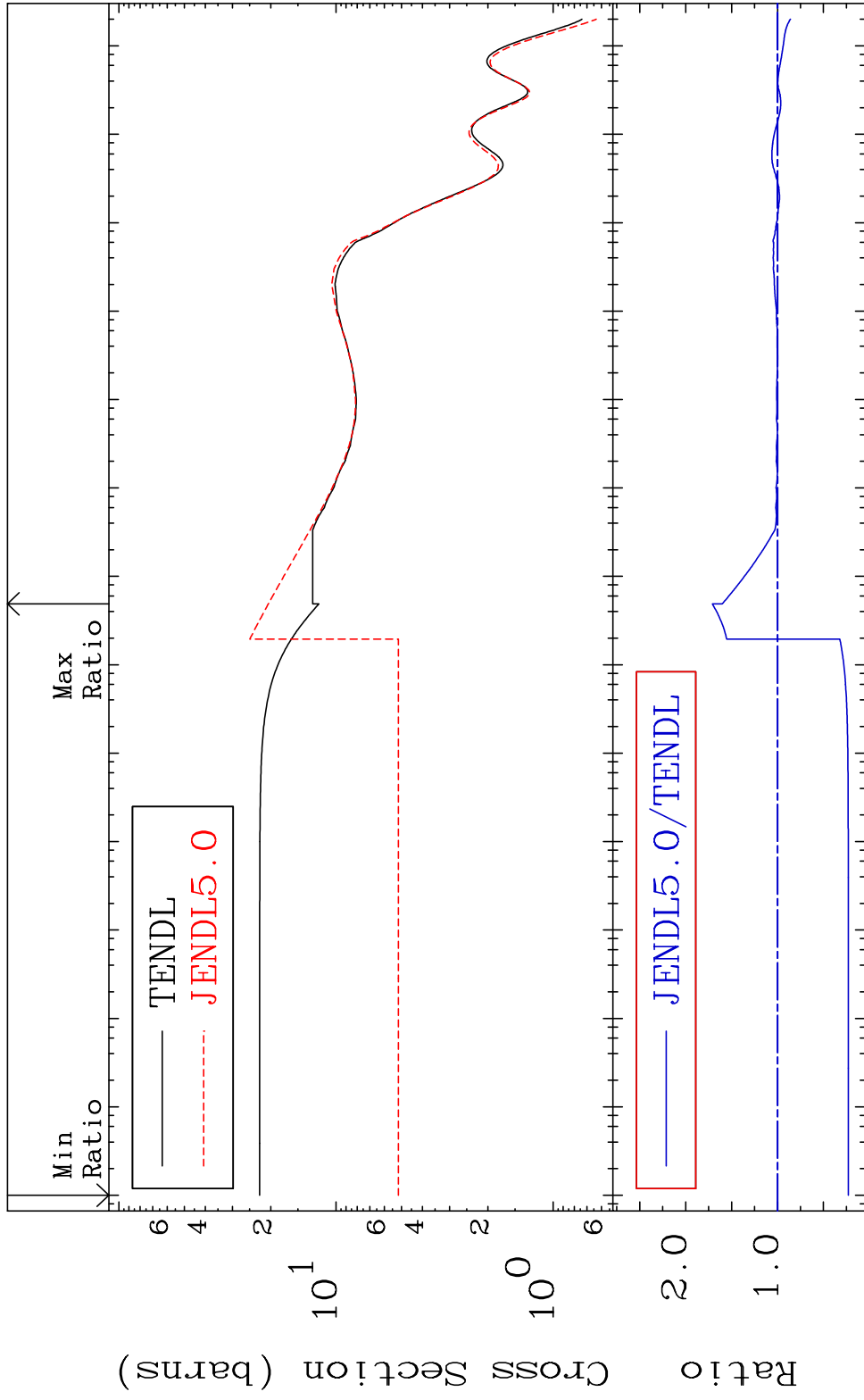


MAT 4314

Elastic

43-Tc-95m

Cross Section -77.02 To 70.93 %

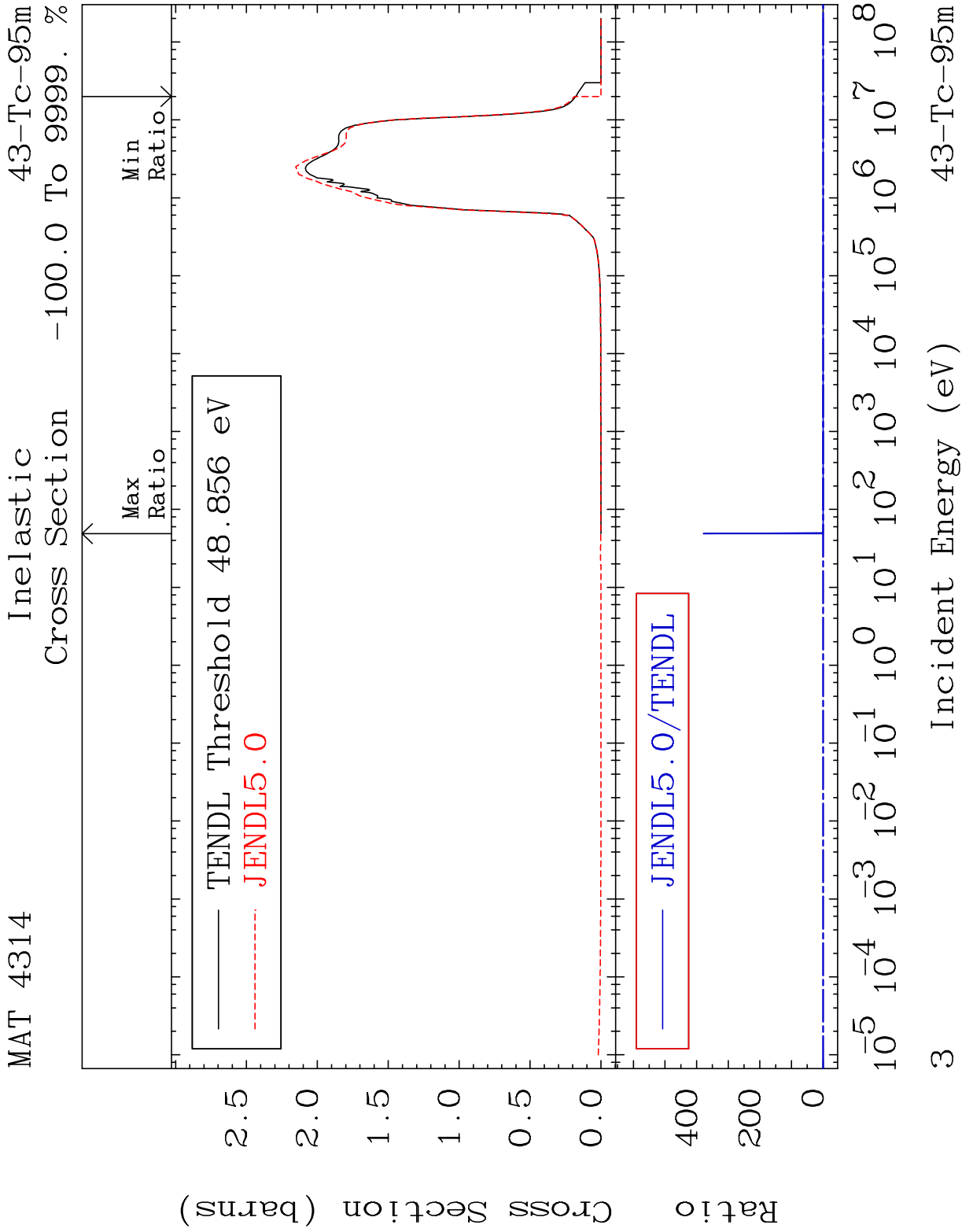


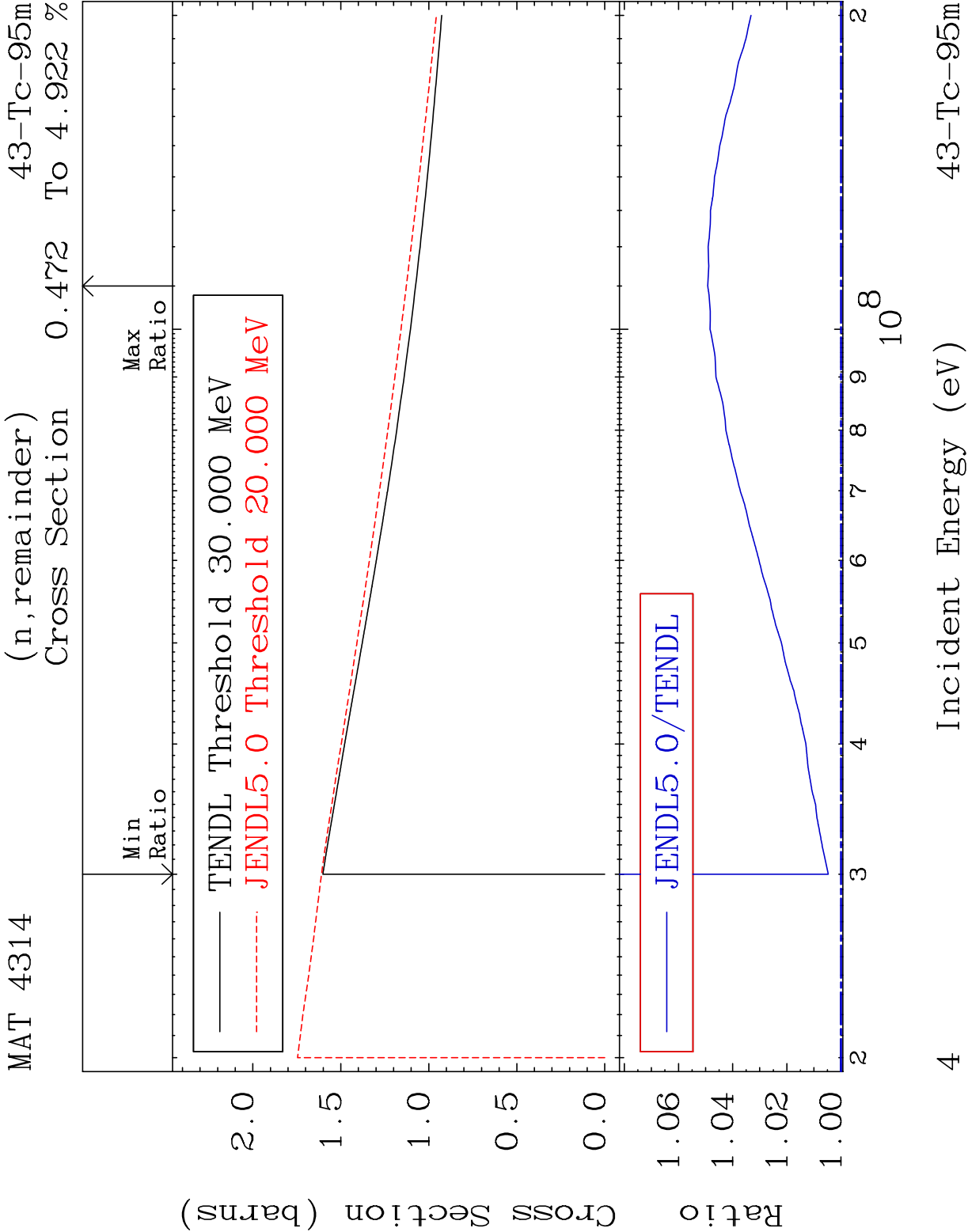
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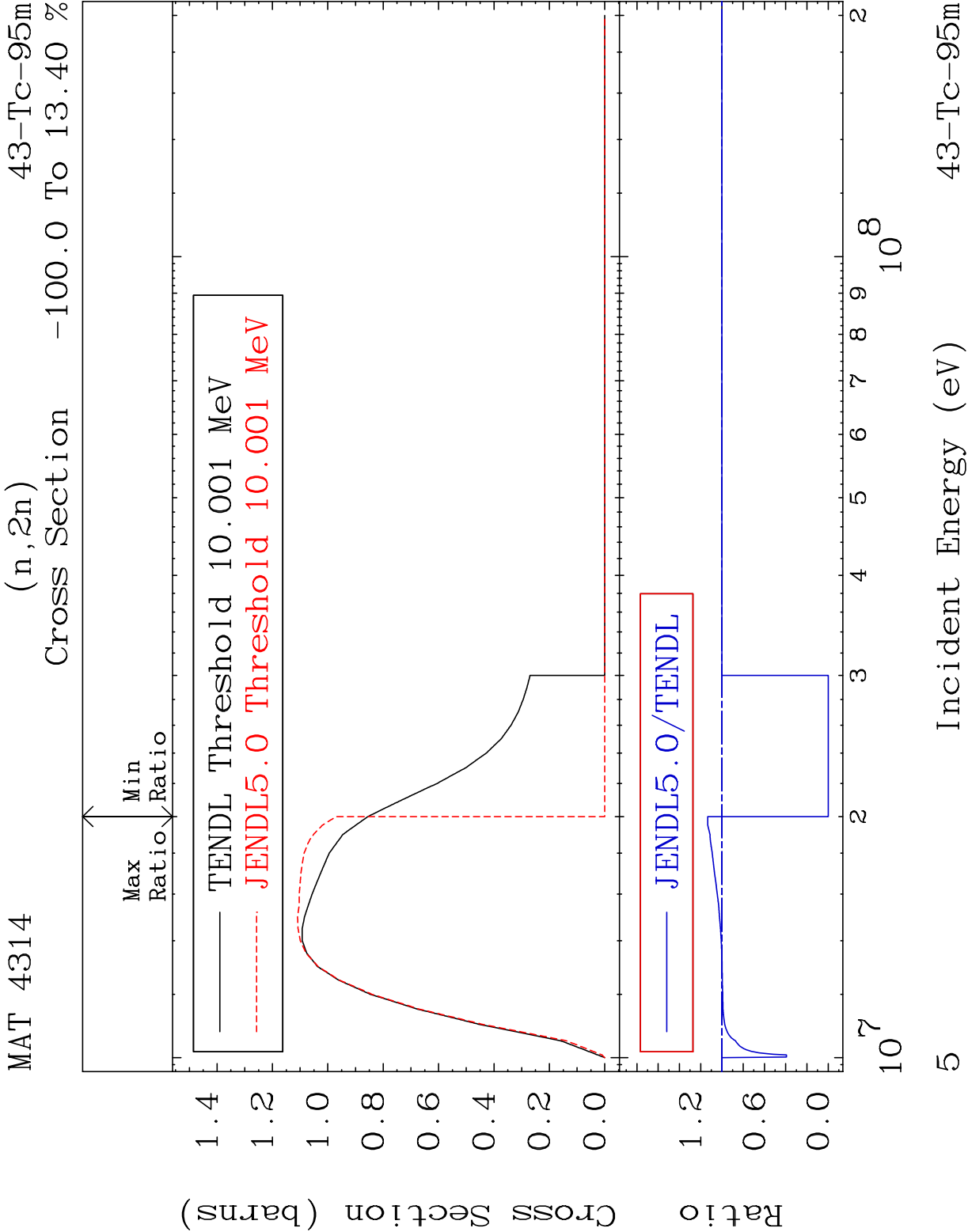
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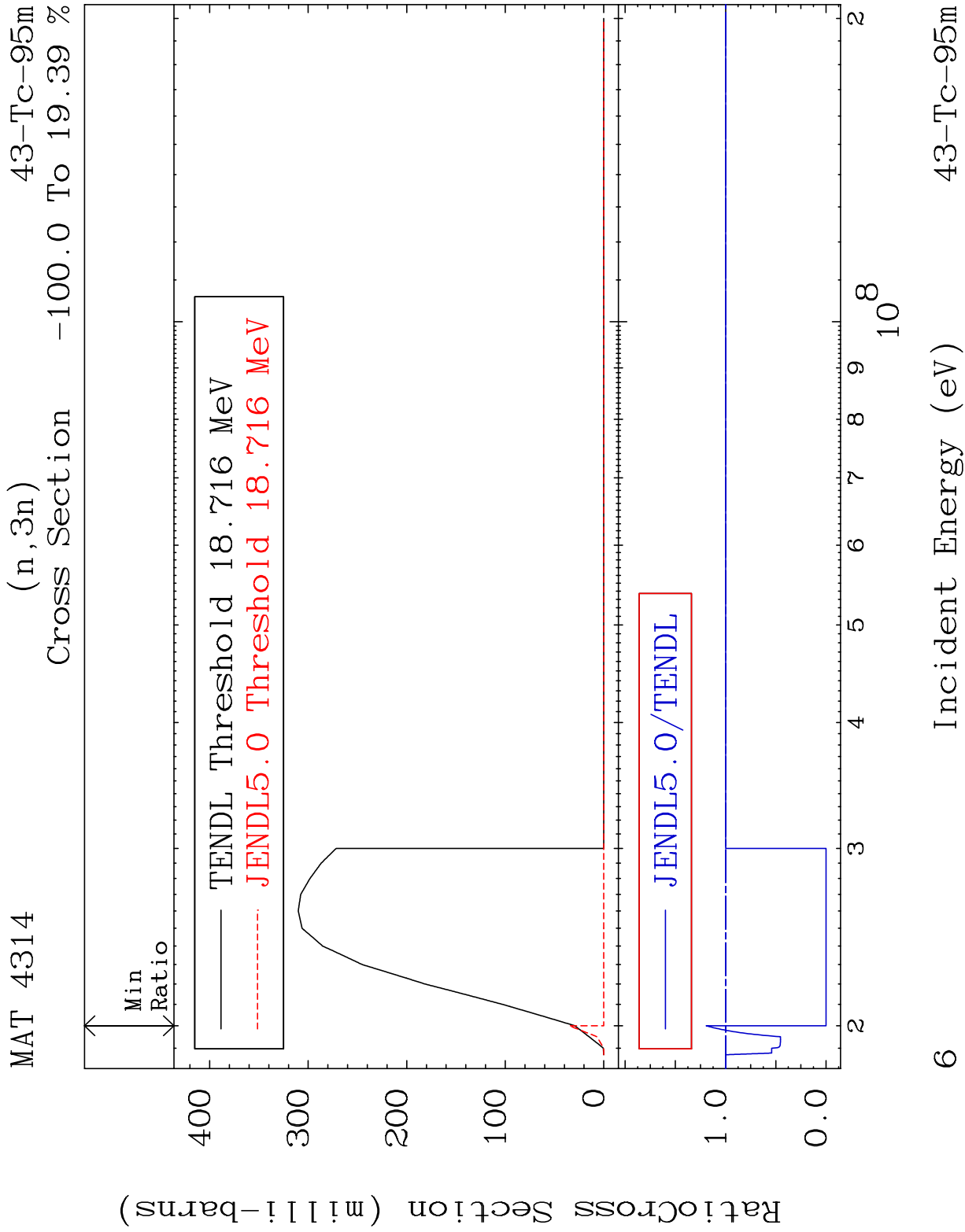
Incident Energy (eV)

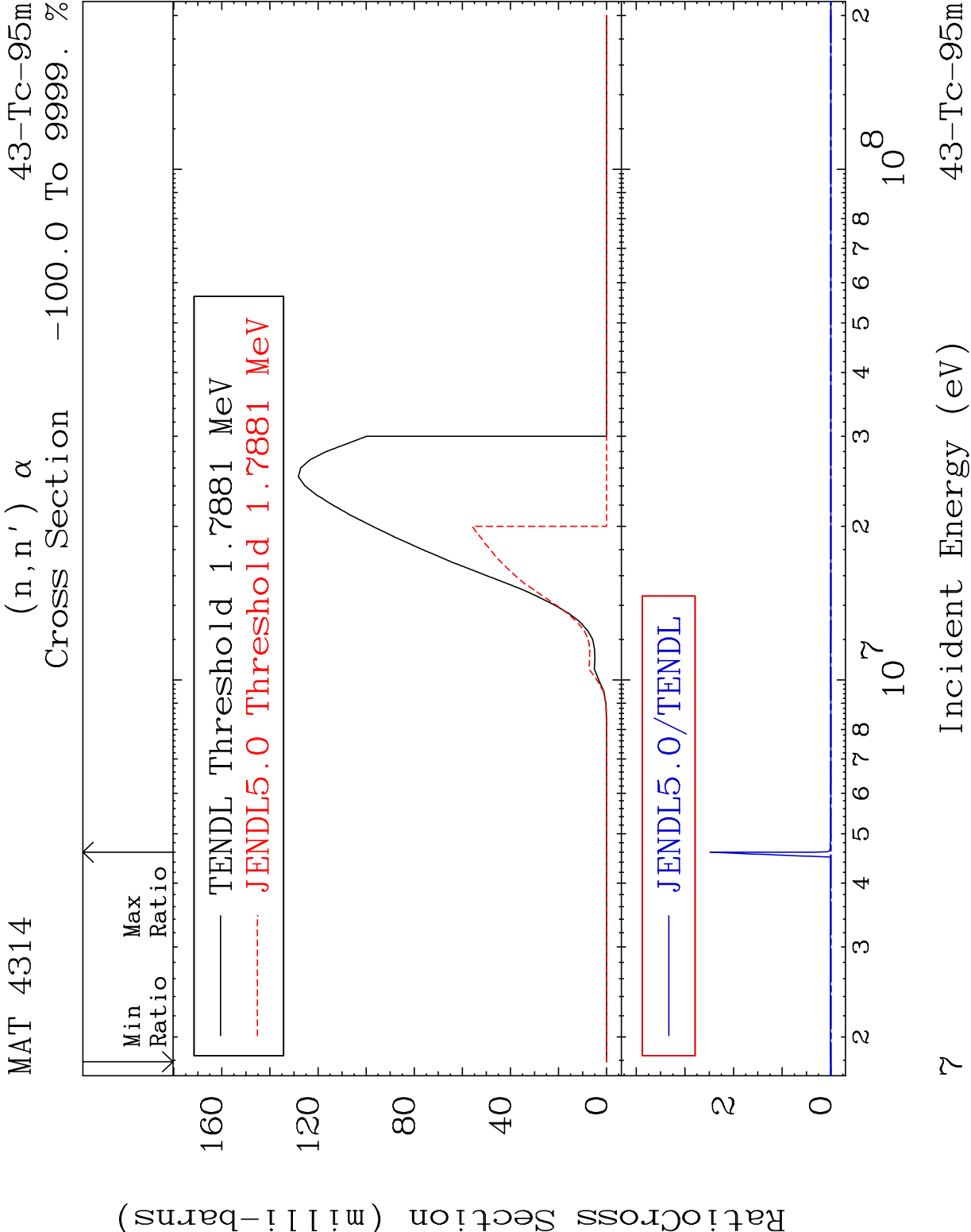
43-Tc-95m

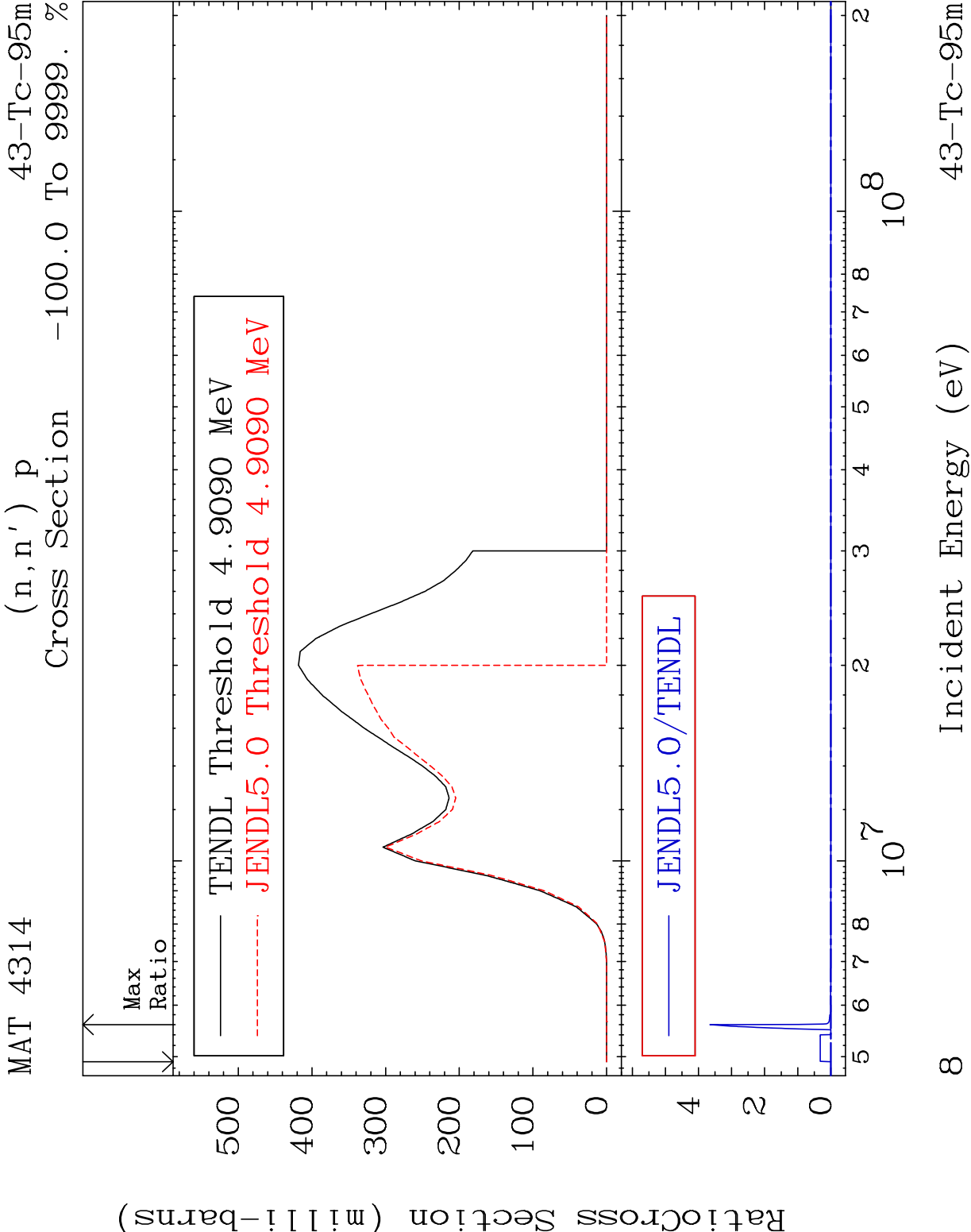


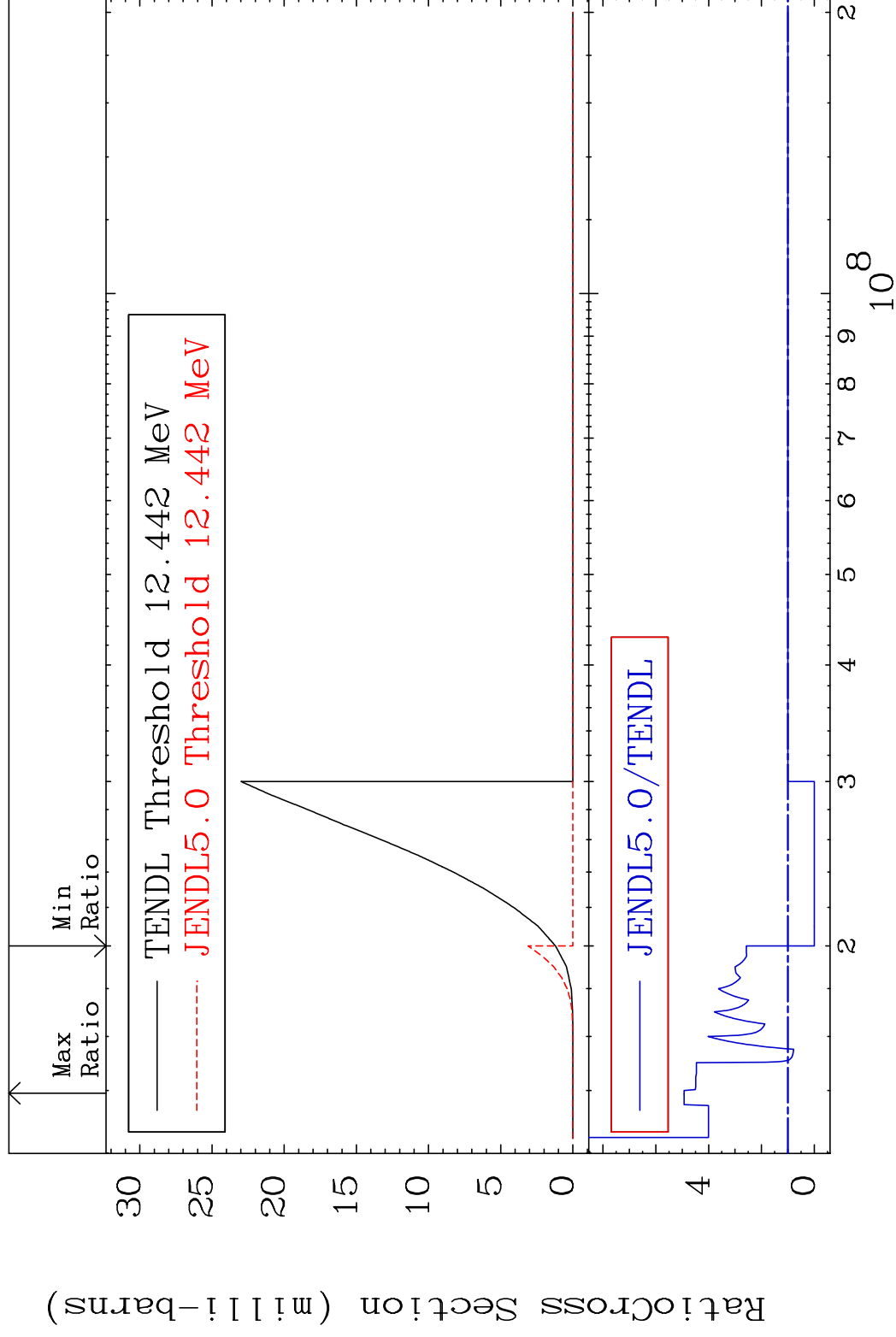


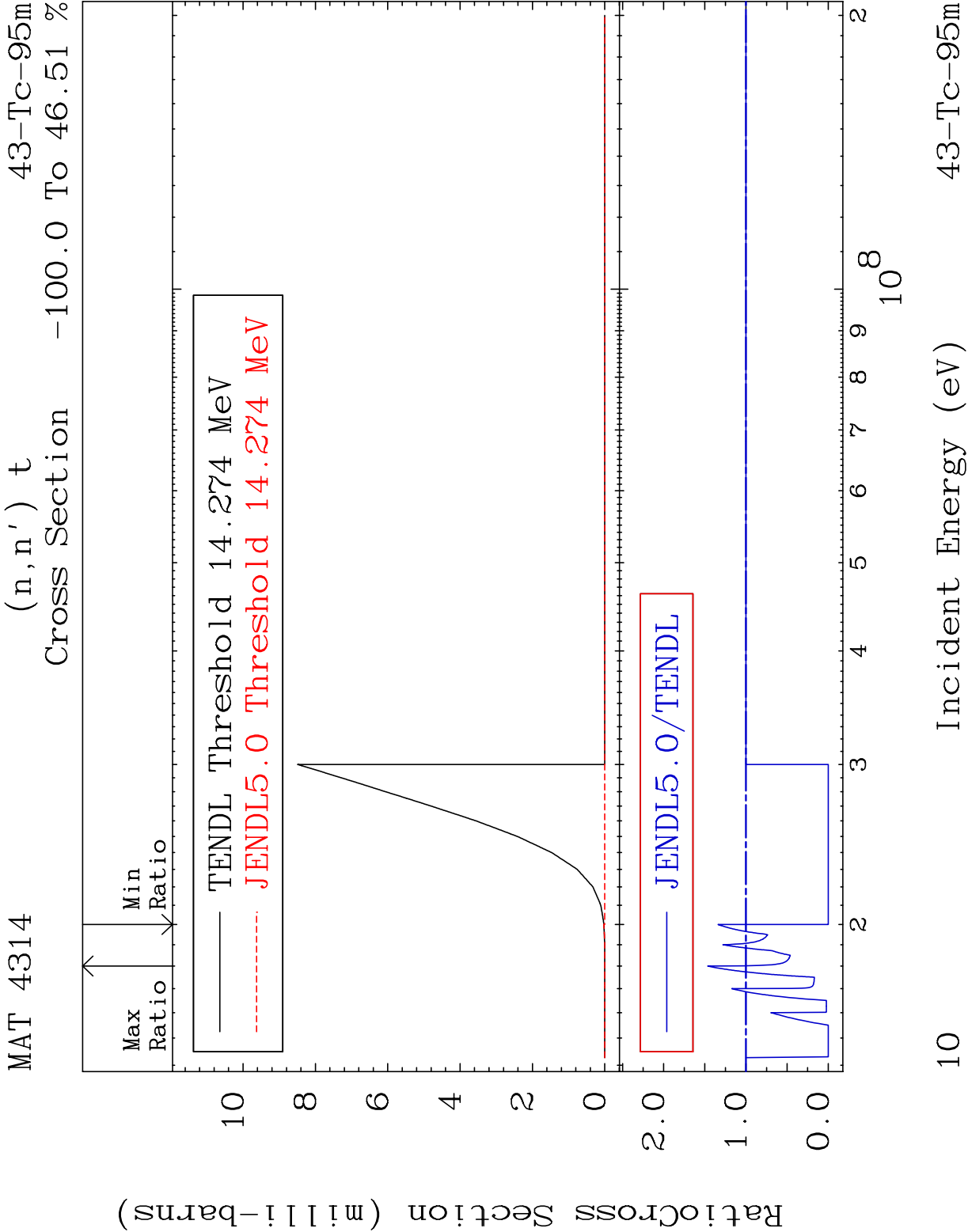


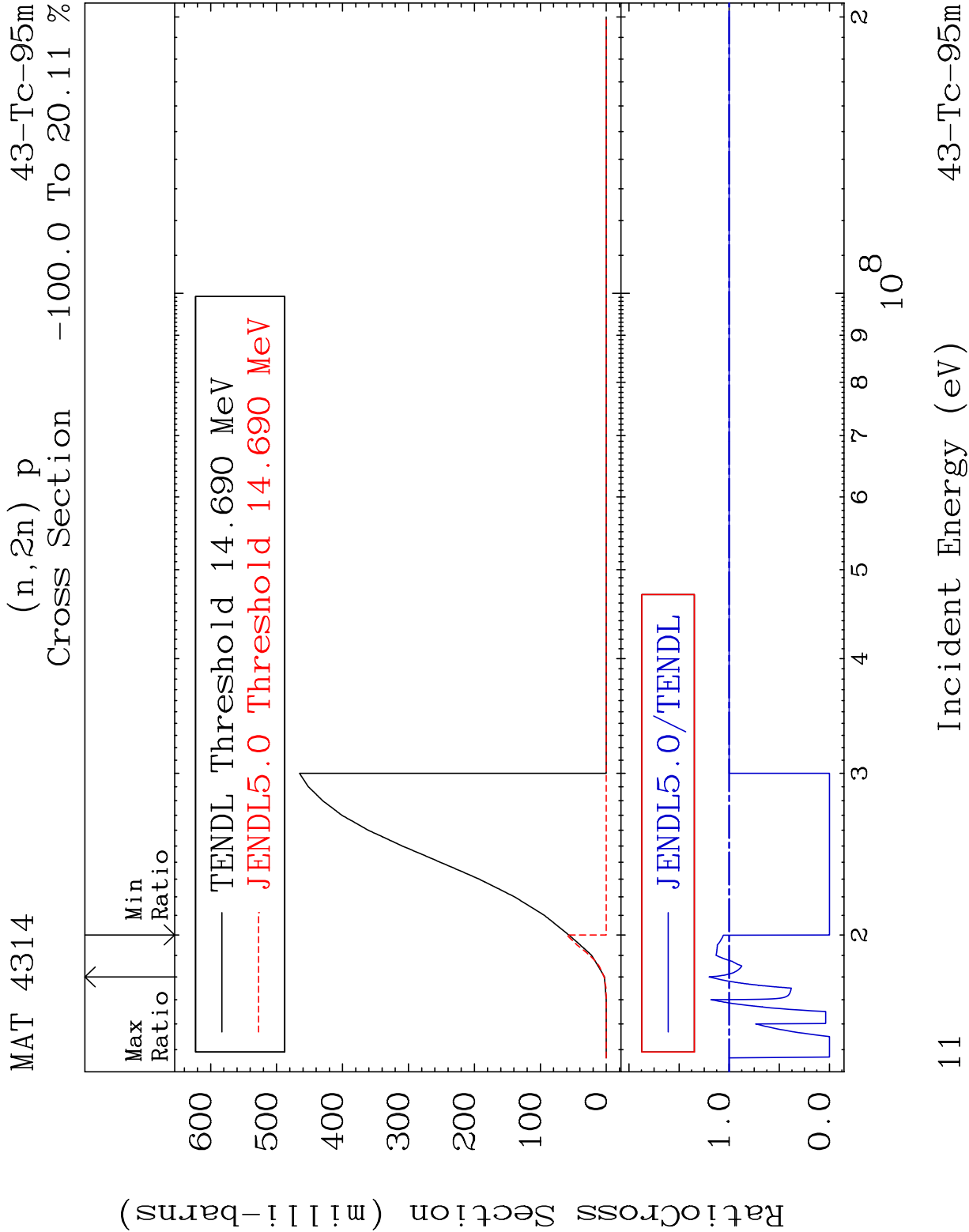


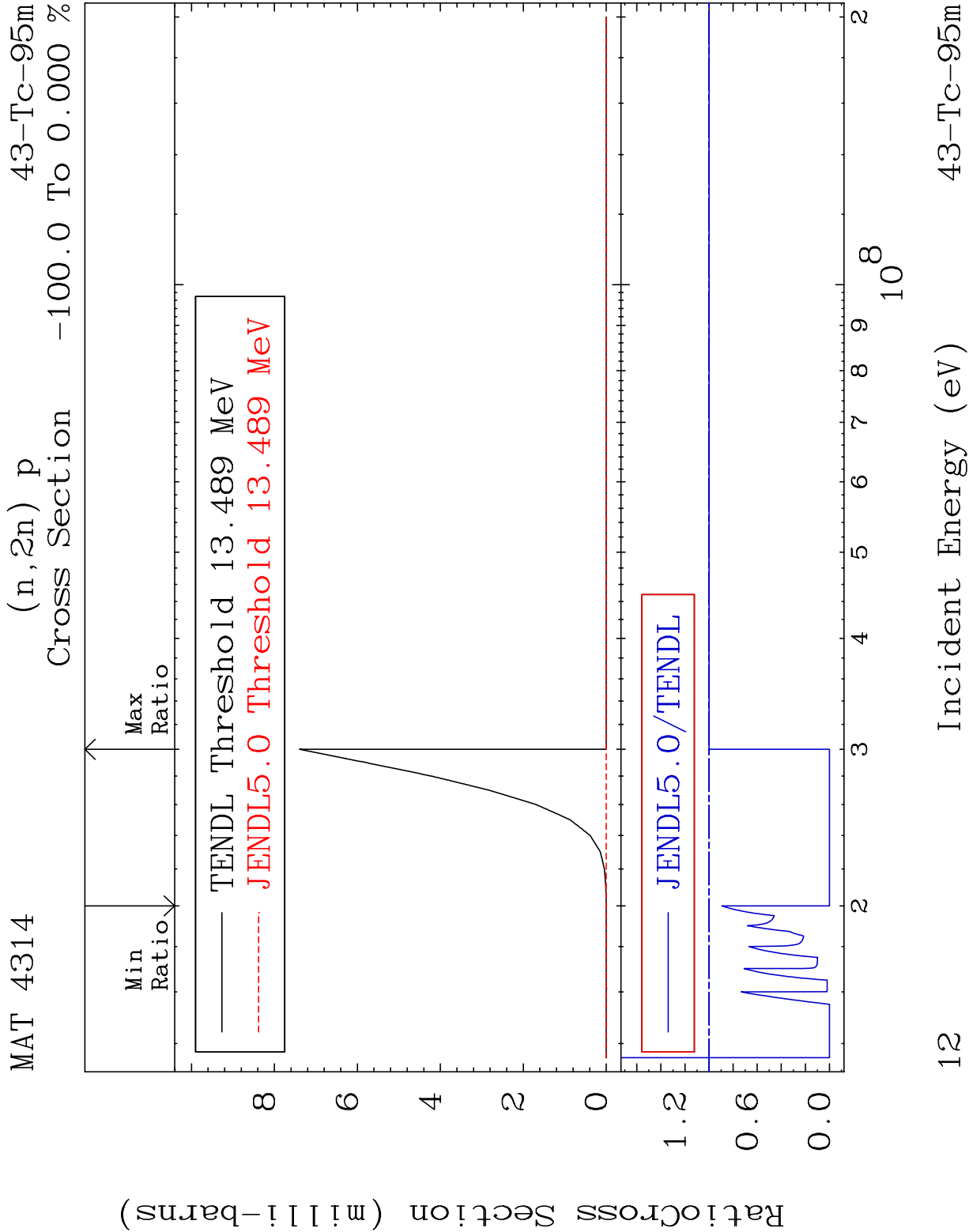


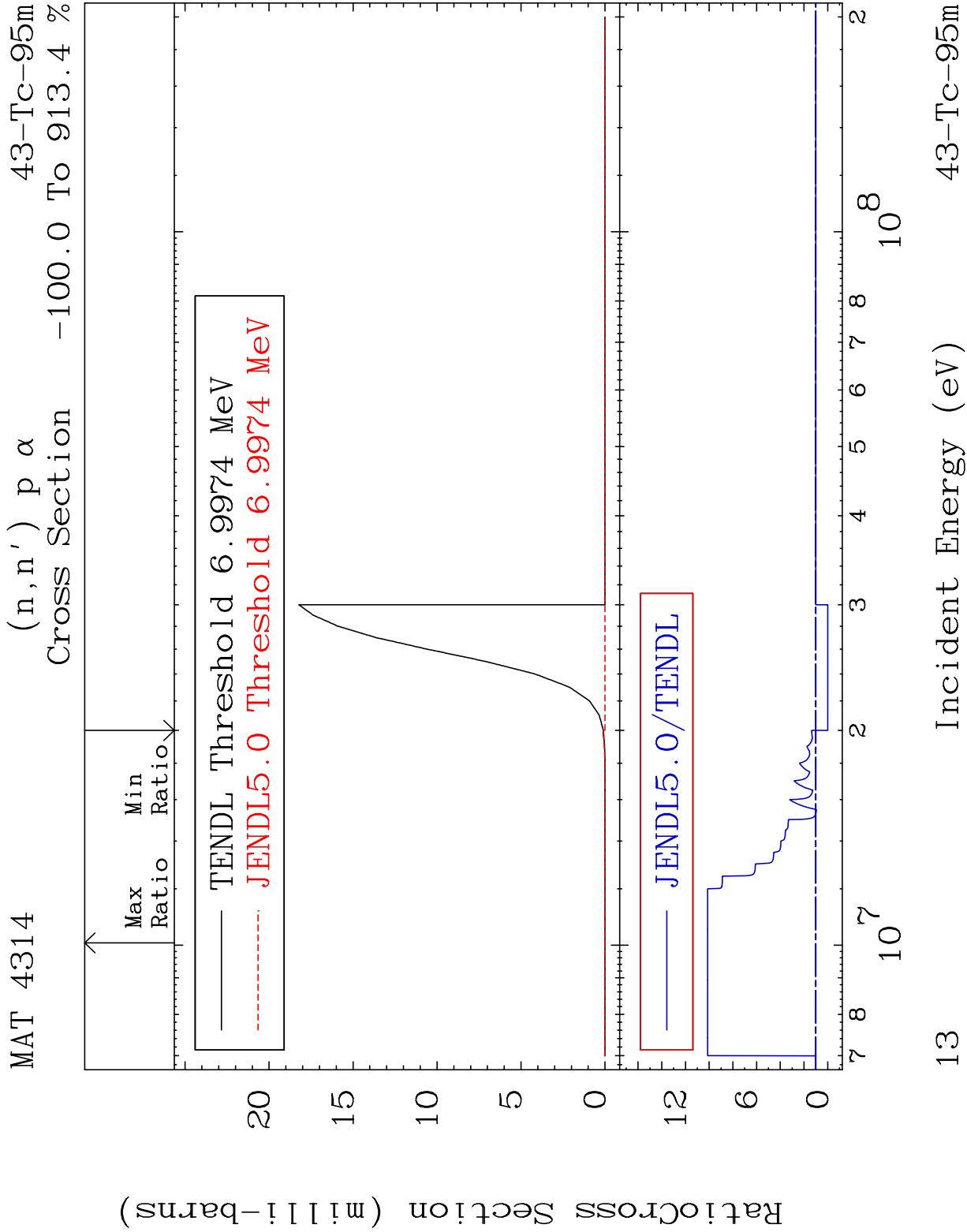


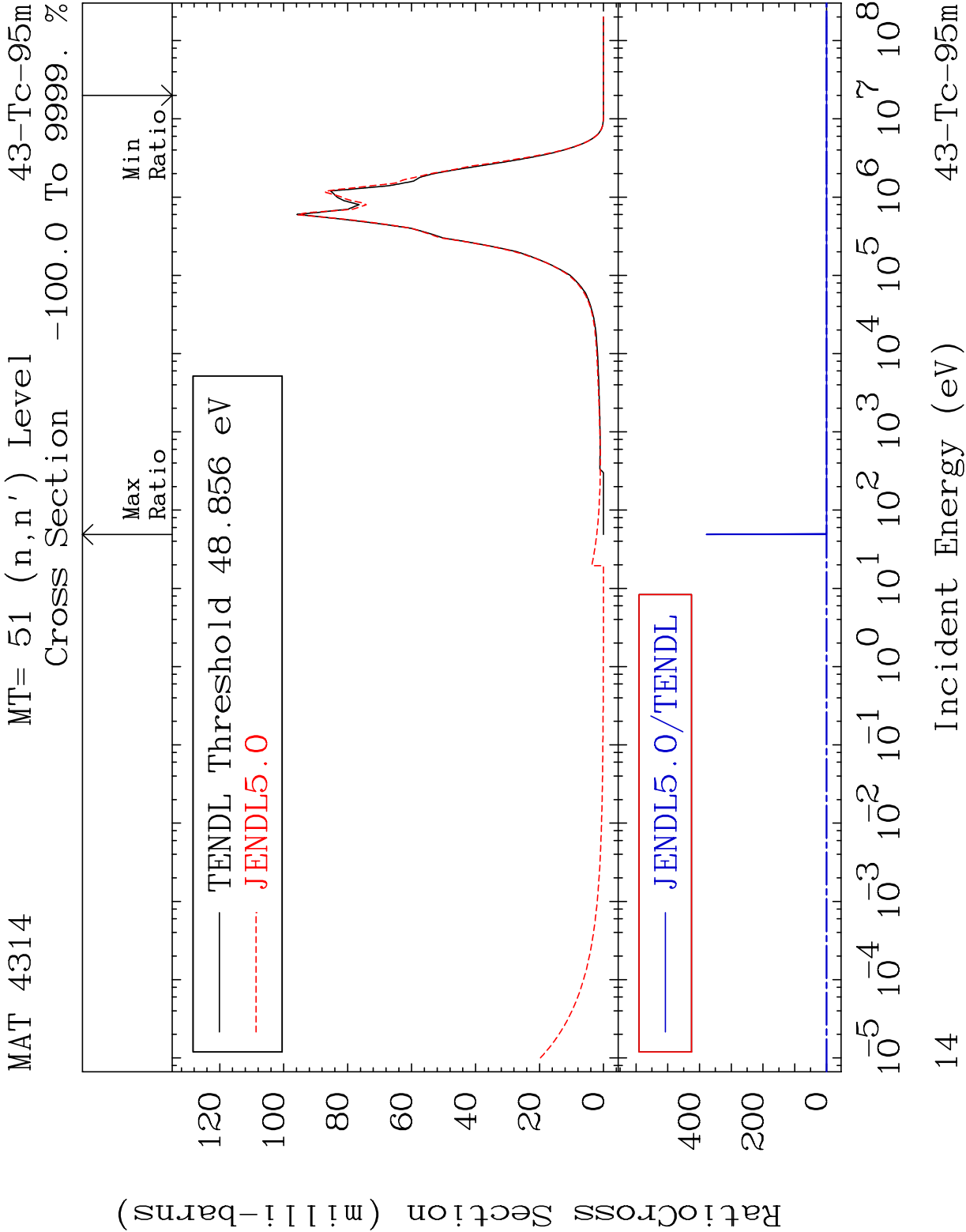


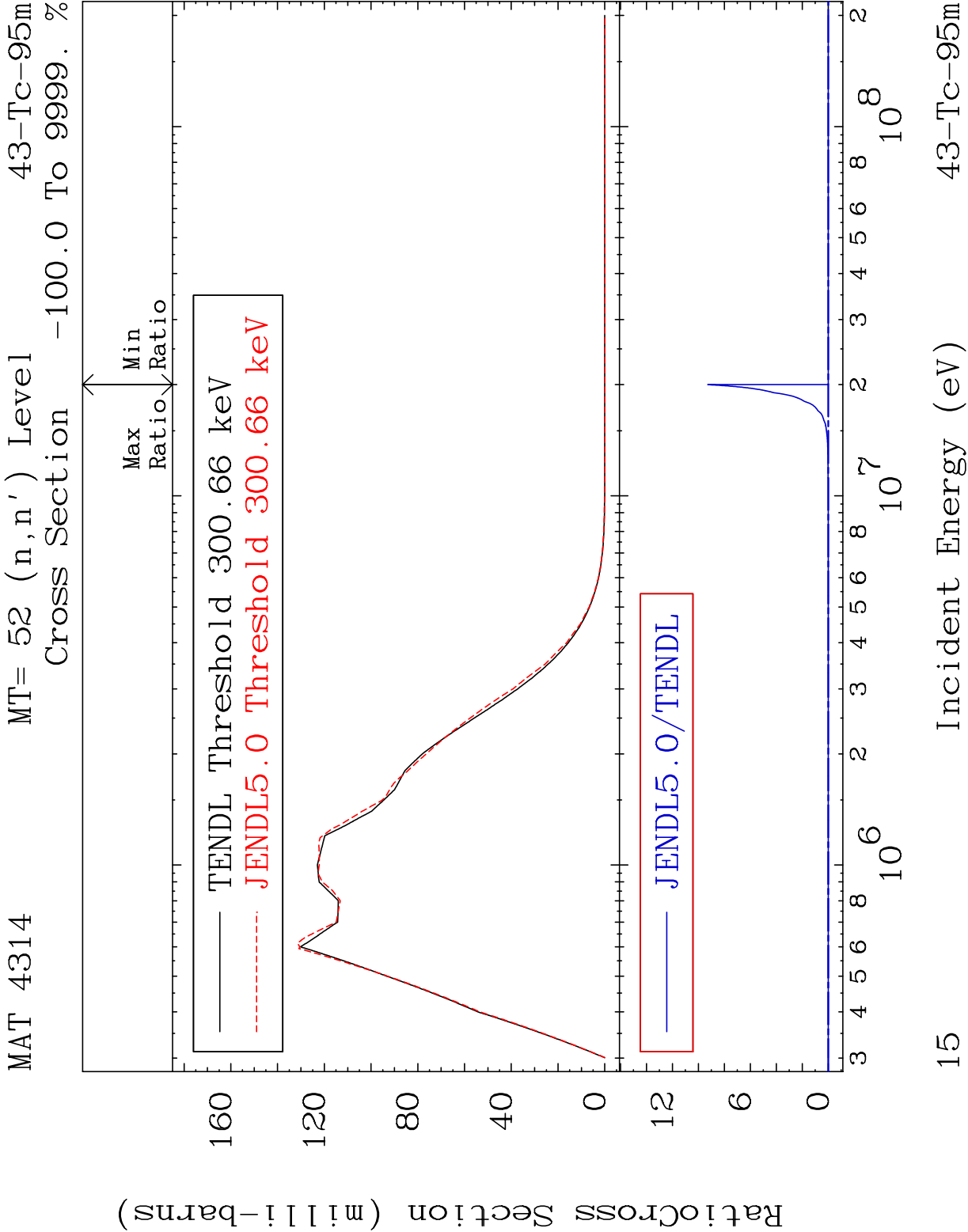


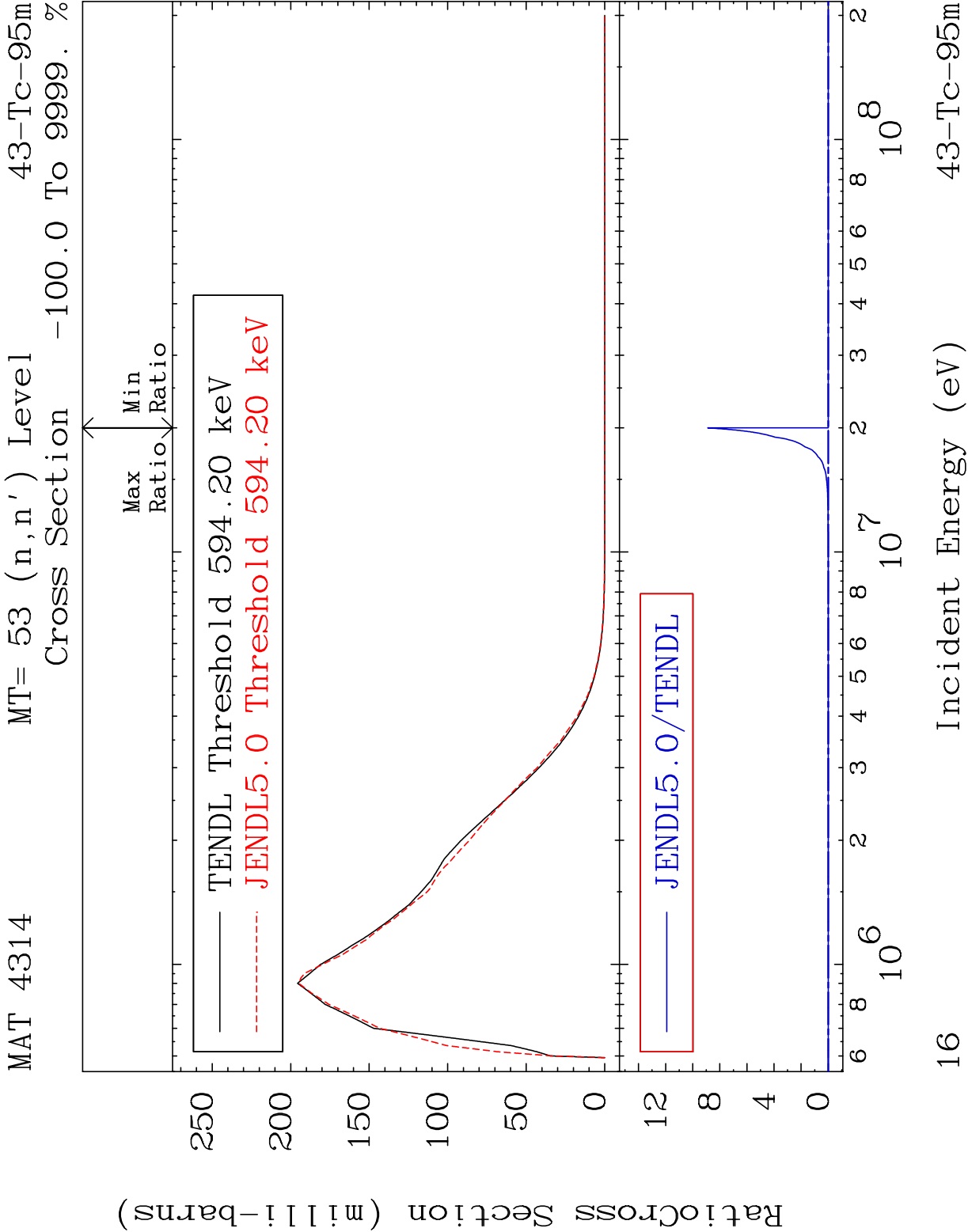


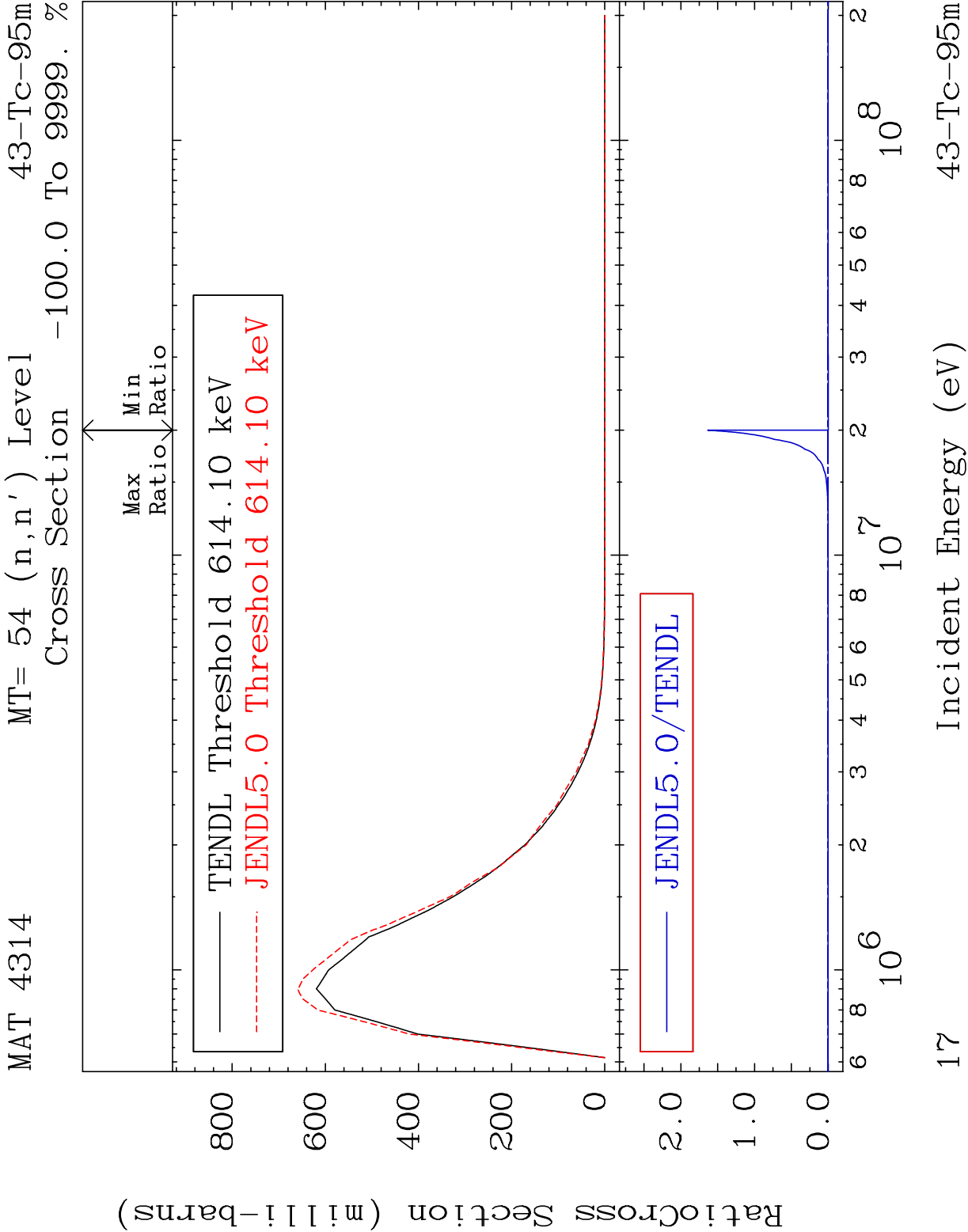


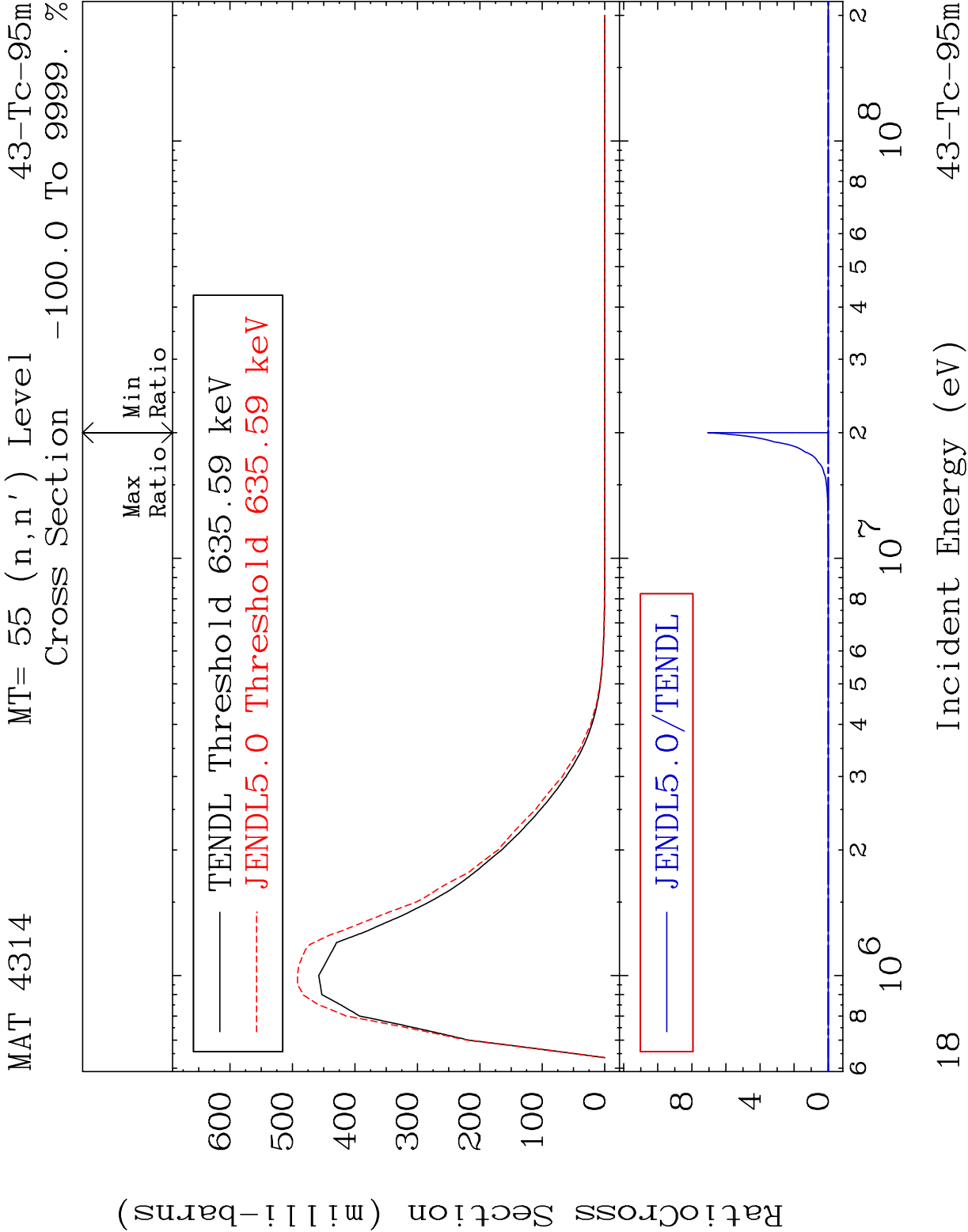


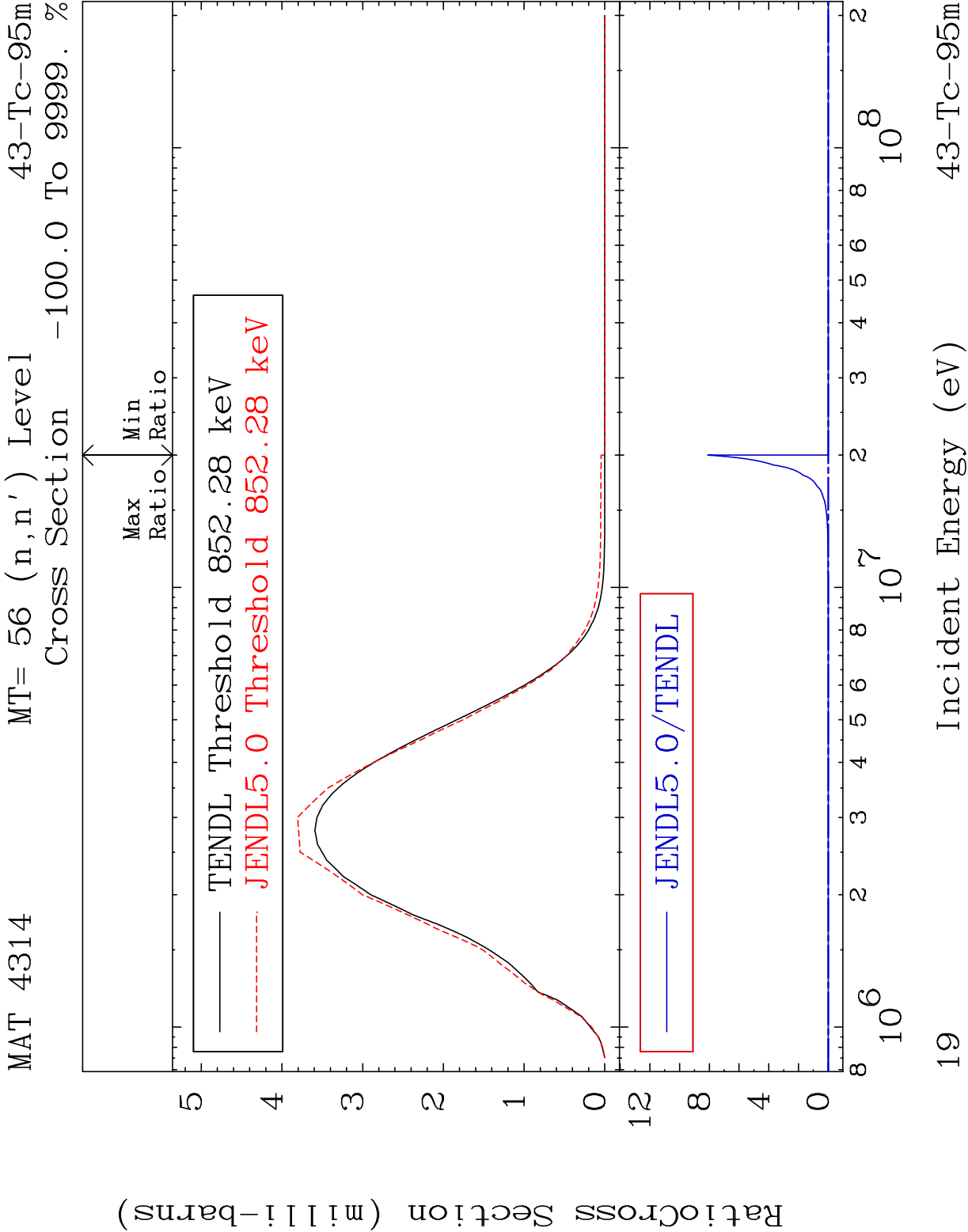


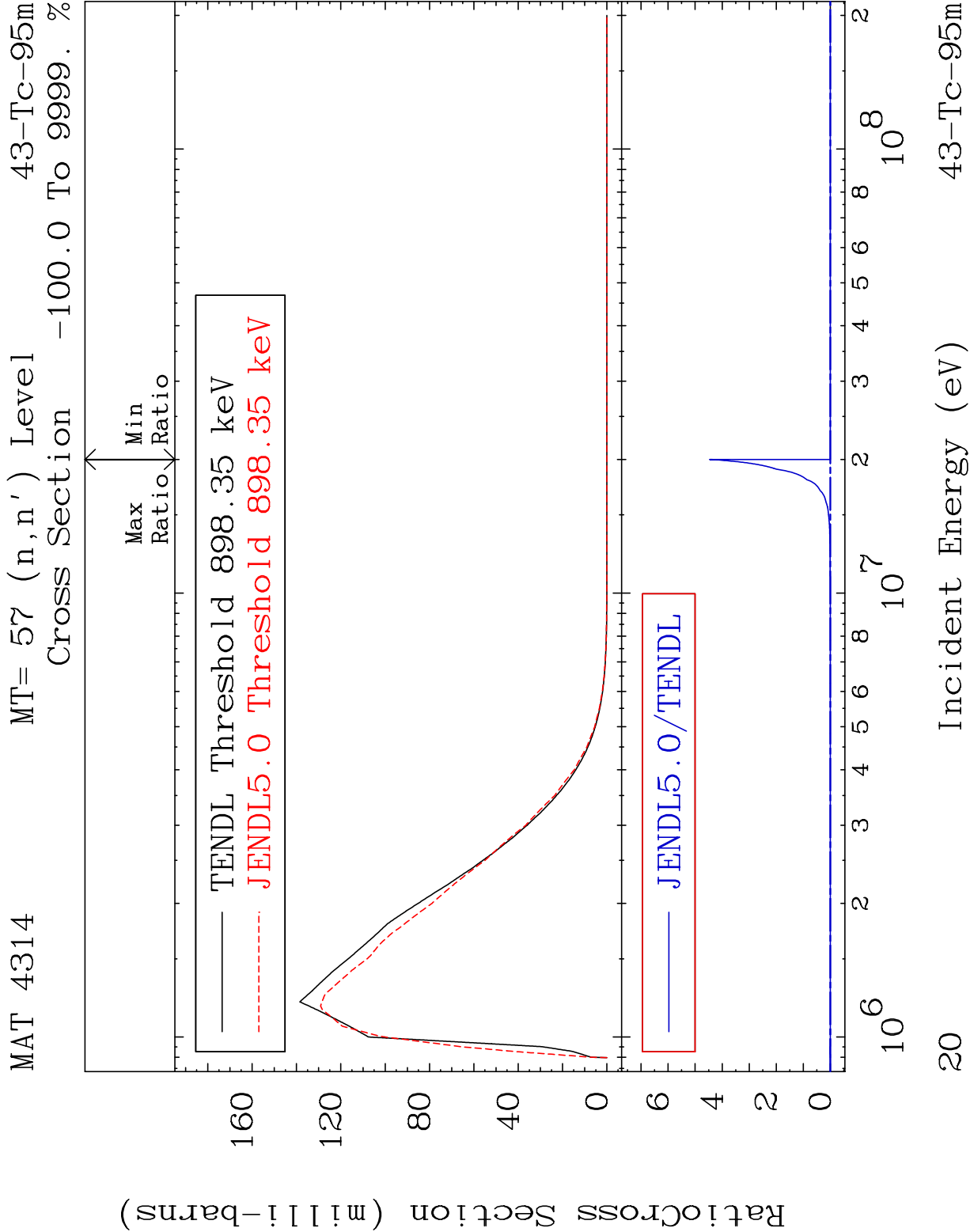


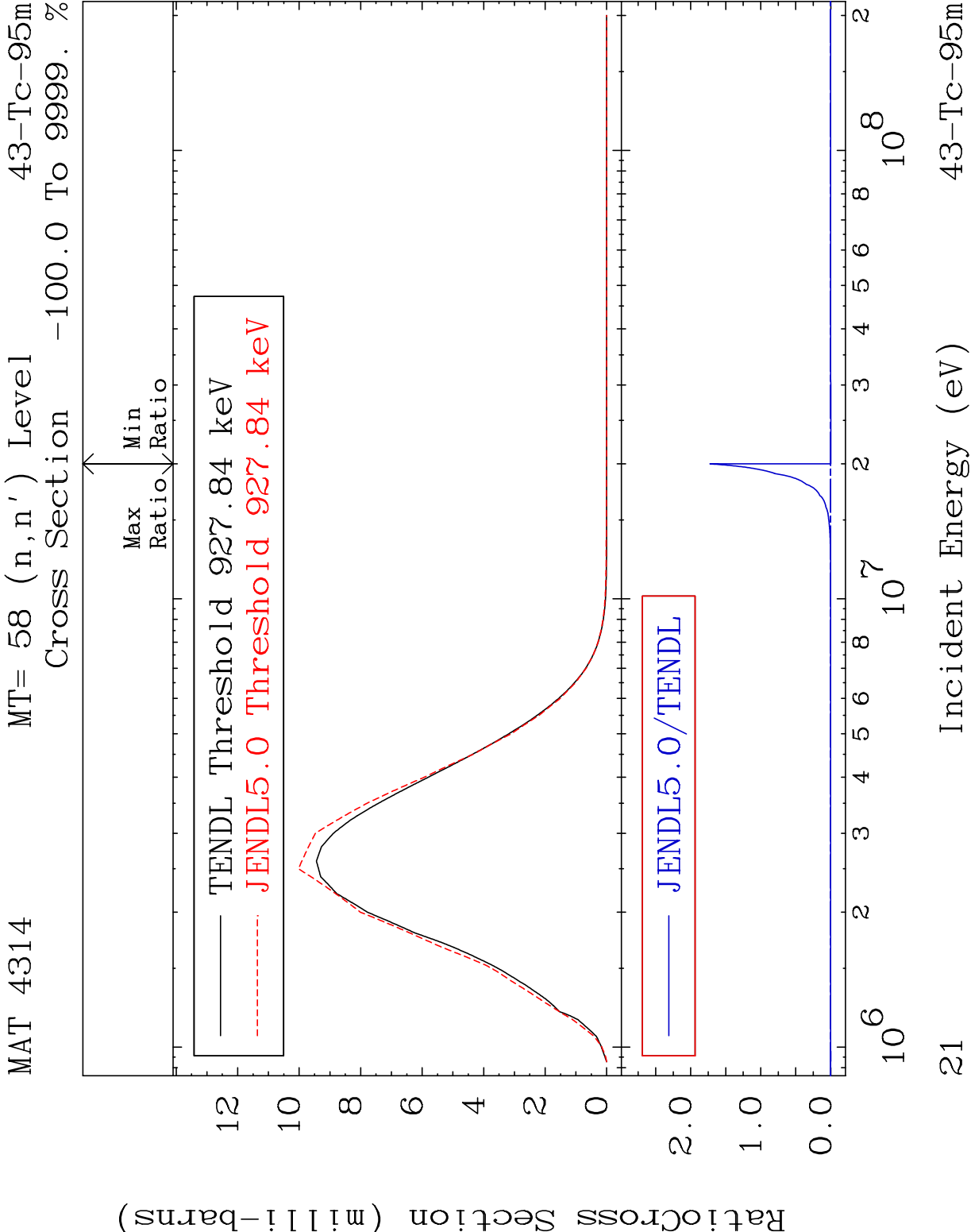


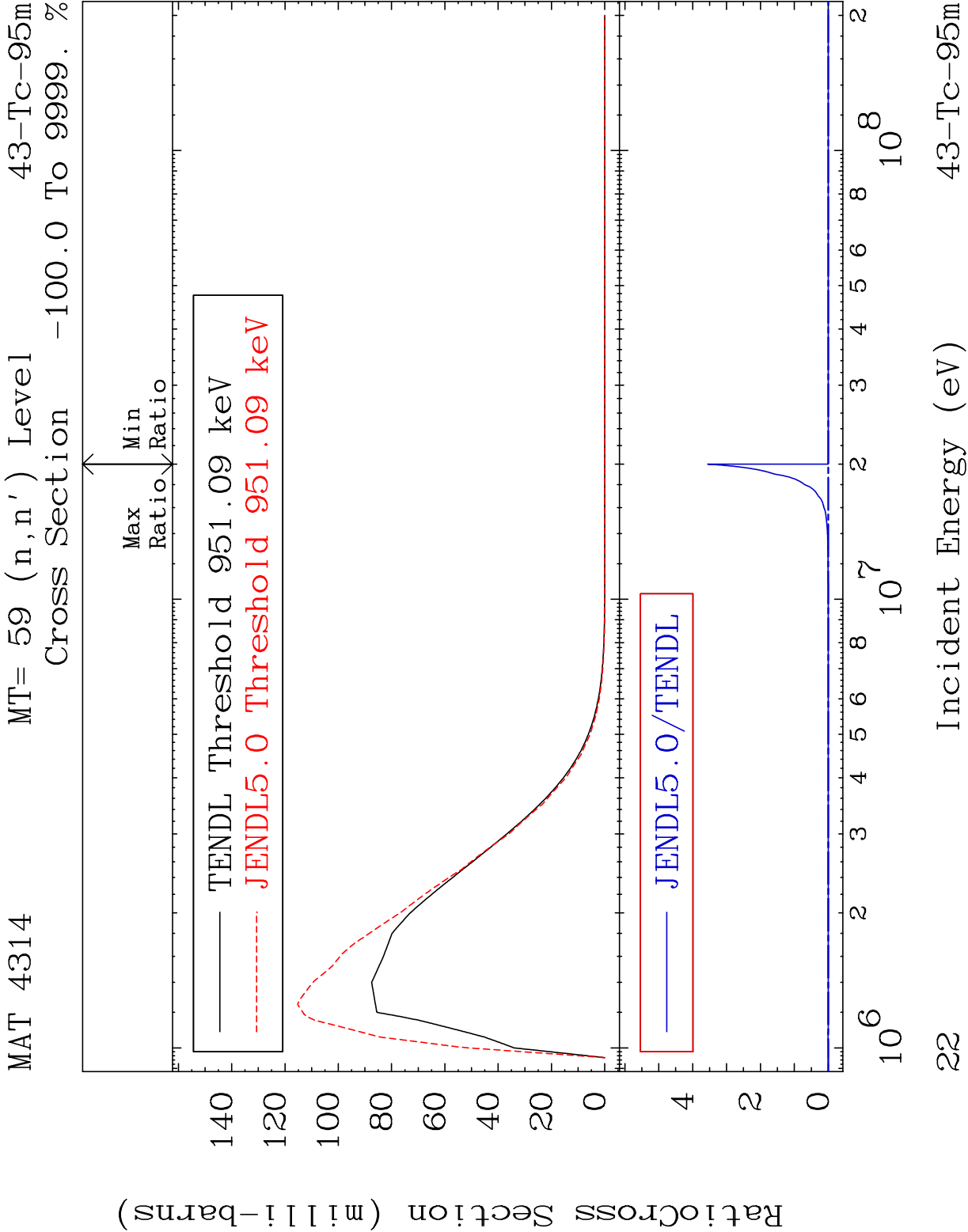


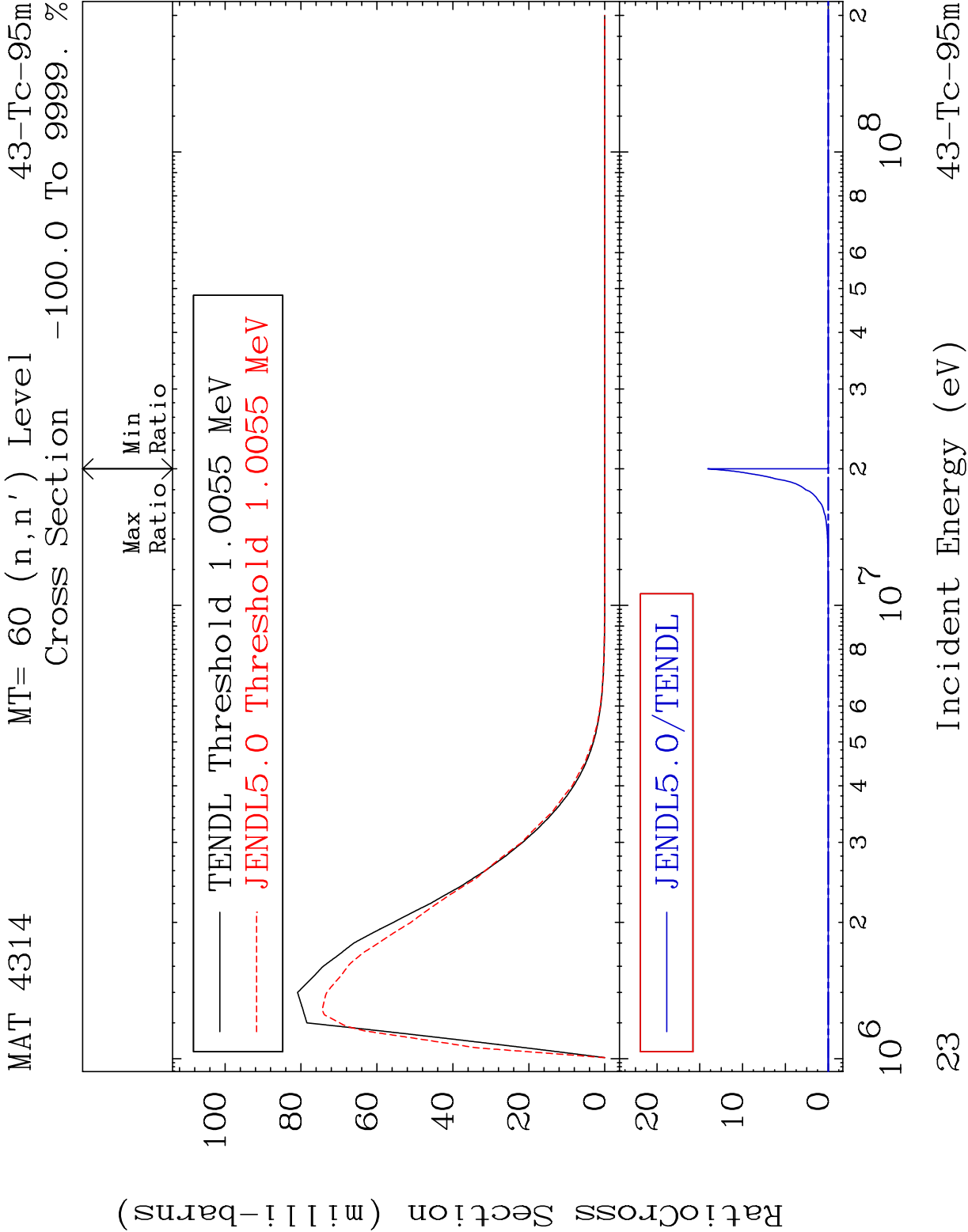


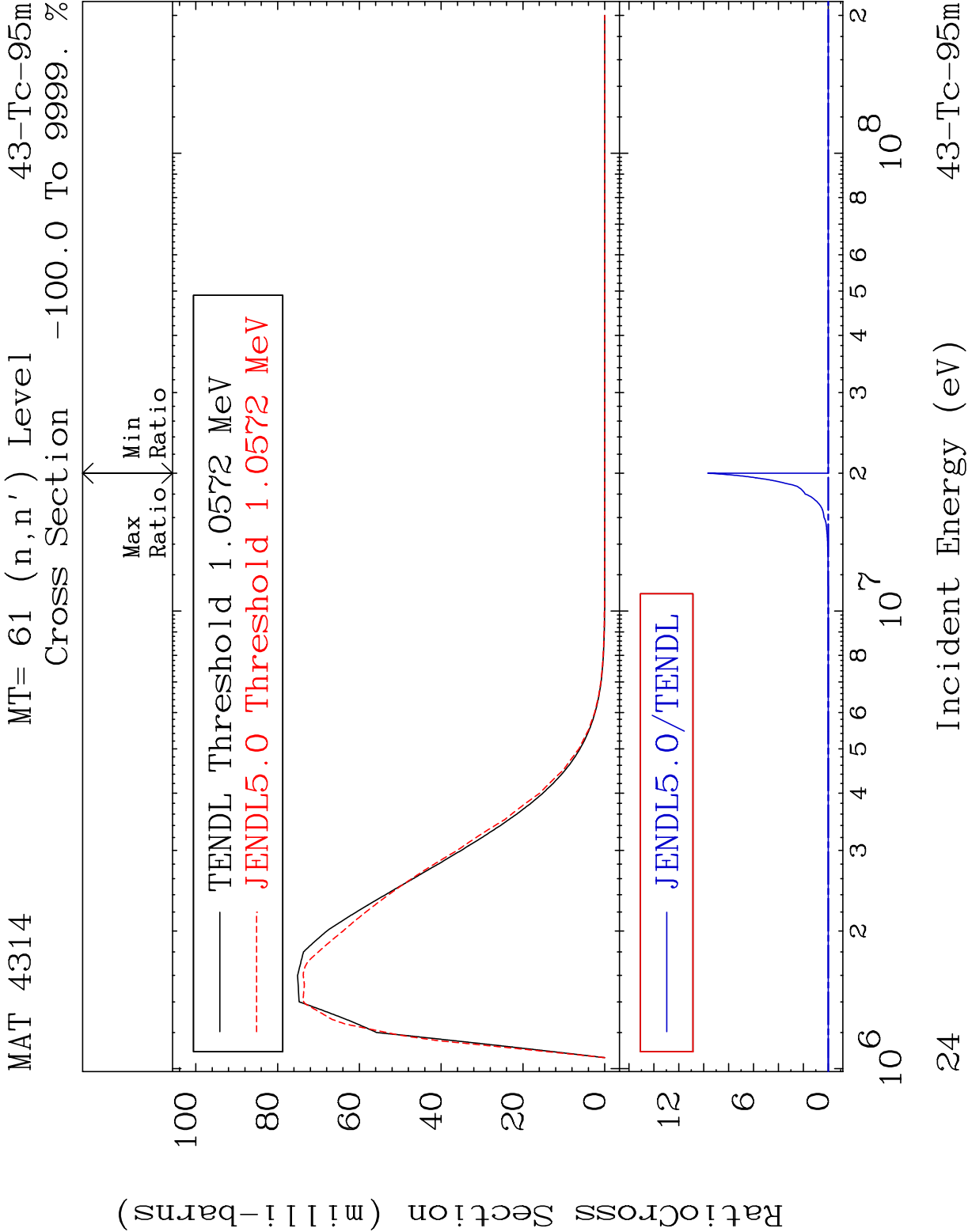








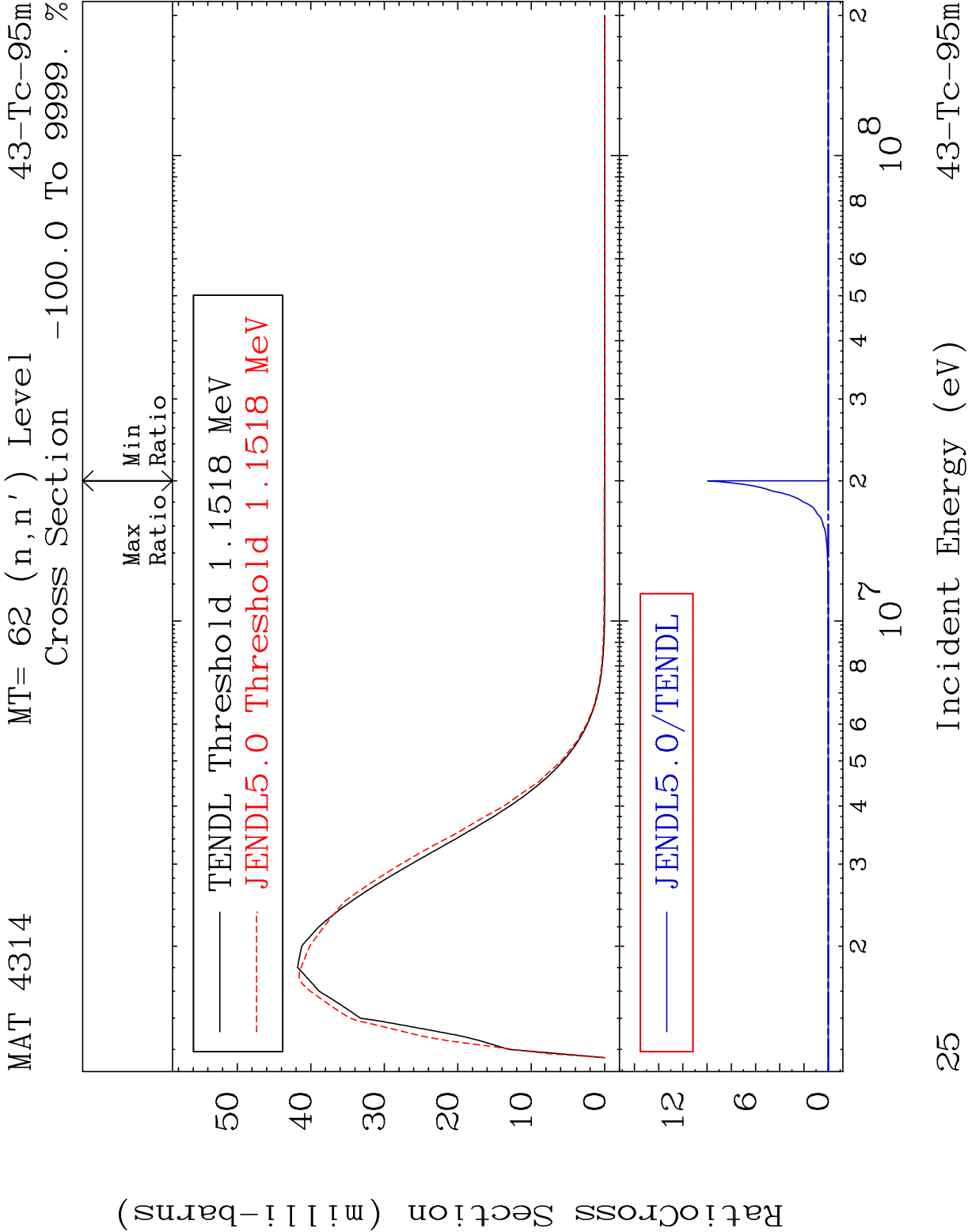




RatioCross Section (milli-barns)

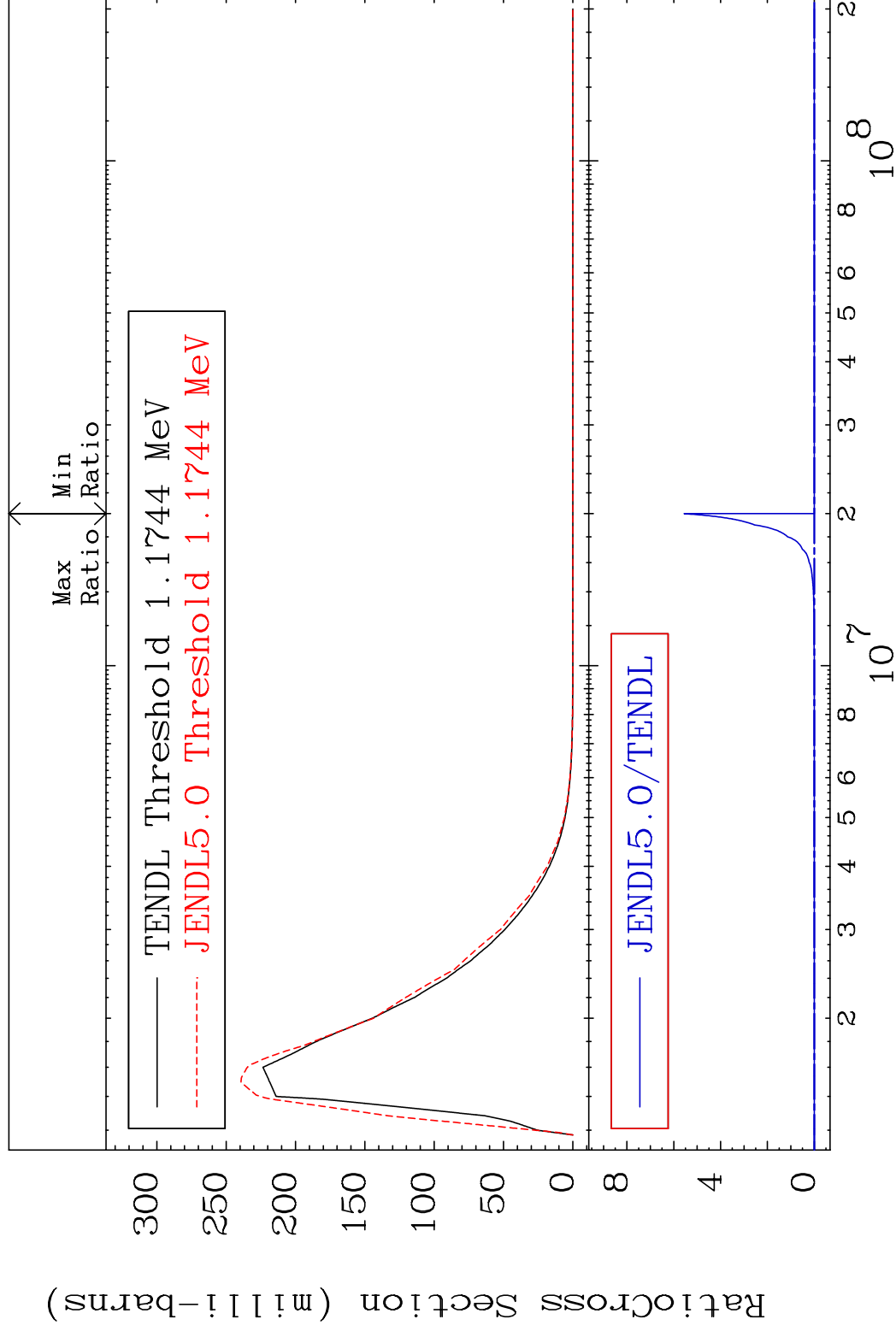
TENDL Threshold 1.0572 MeV
JENDL5.0 Threshold 1.0572 MeV

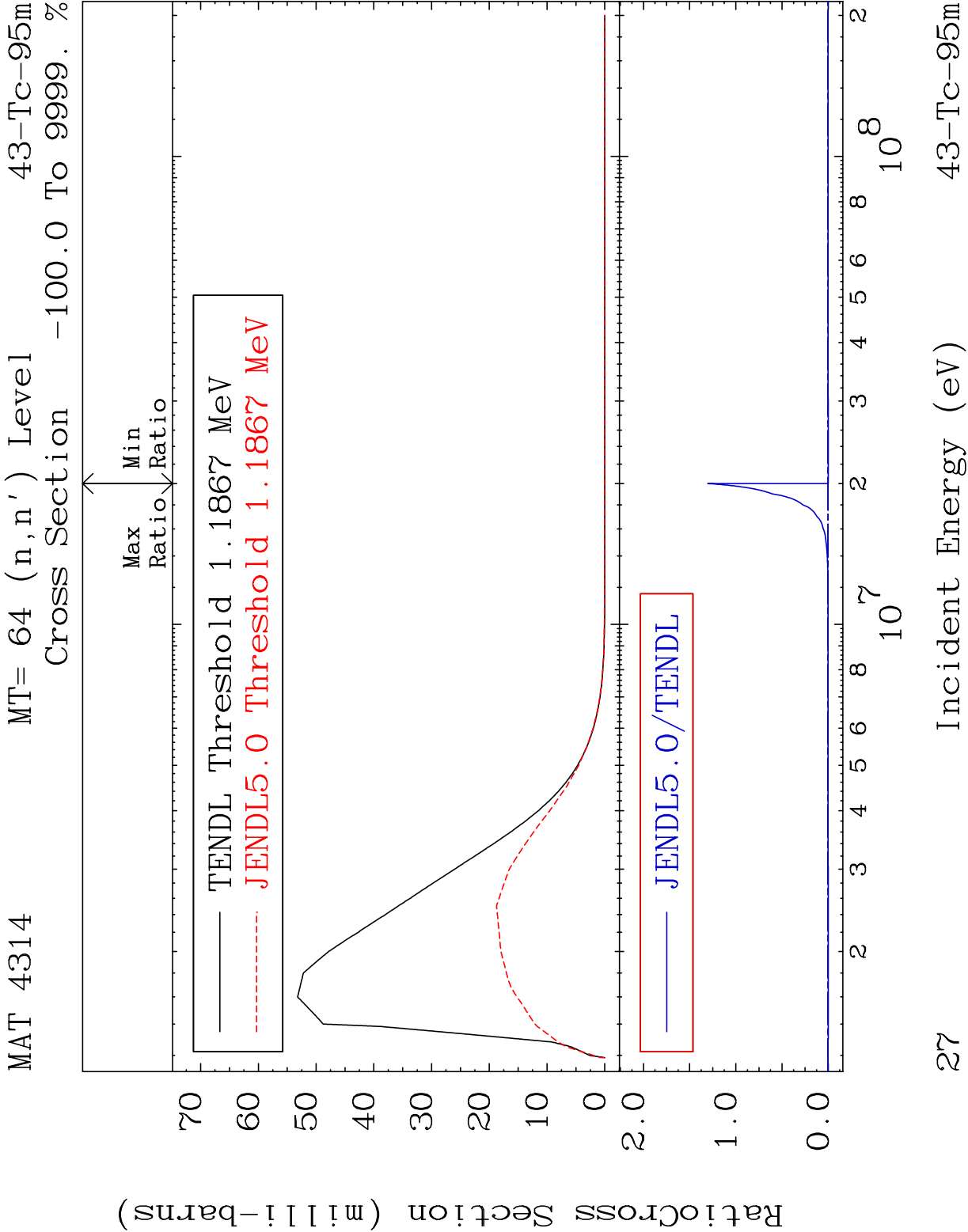
JENDL5.0/TENDL

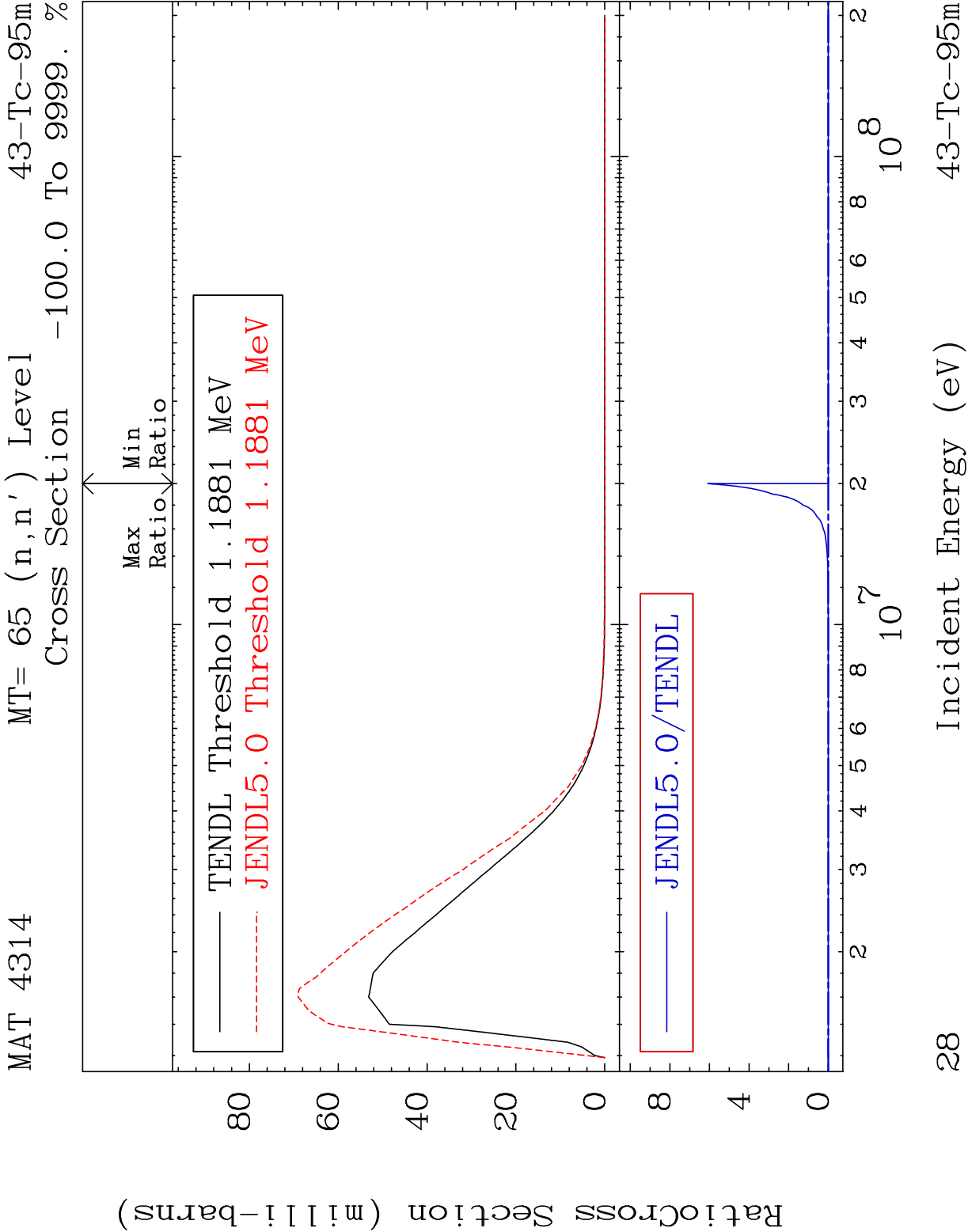


RatioCross Section (milli-barns)

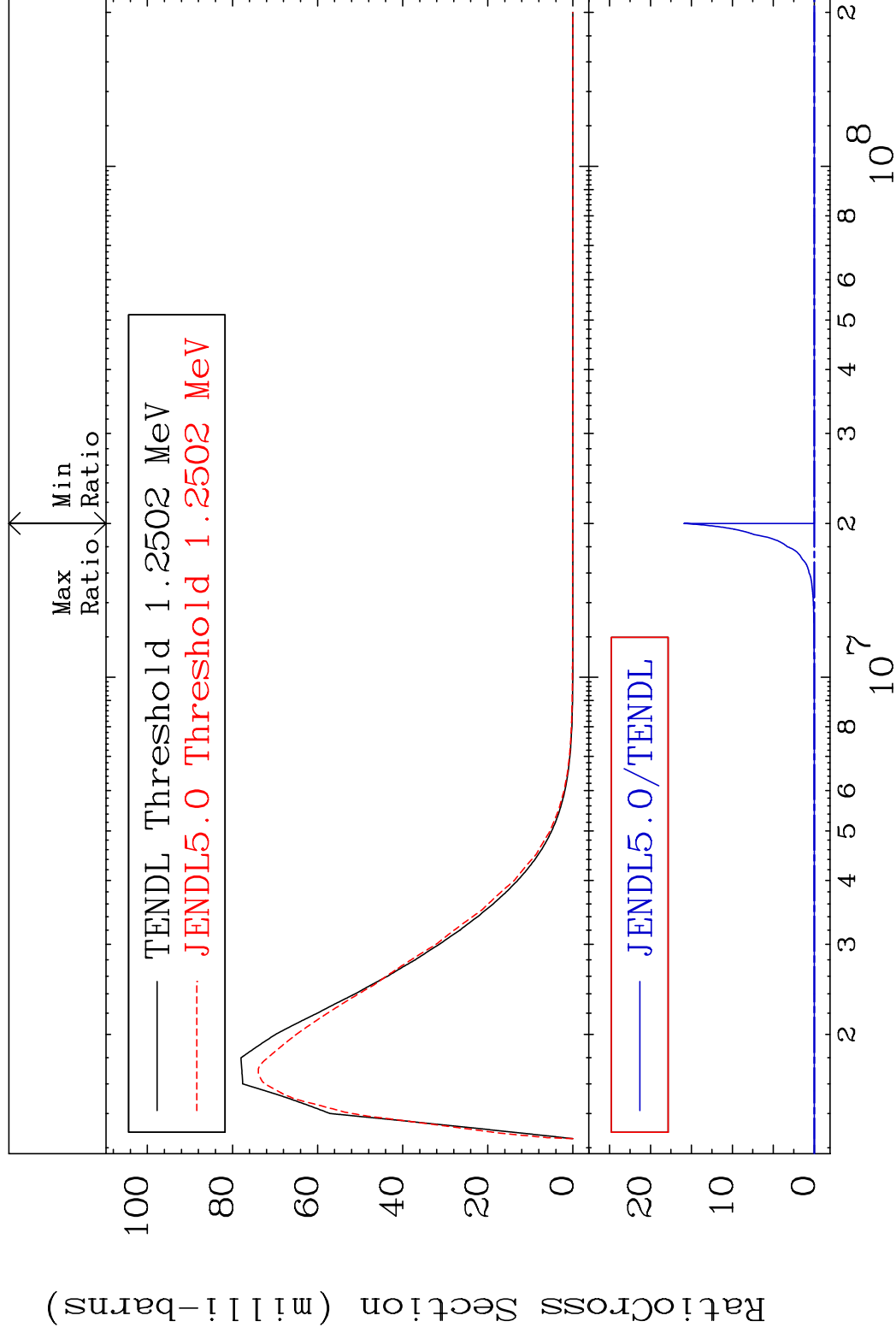
MAT 4314	MT= 63 (n, n') Level	43-Tc-95m
	Cross Section	-100.0 To 9999. %

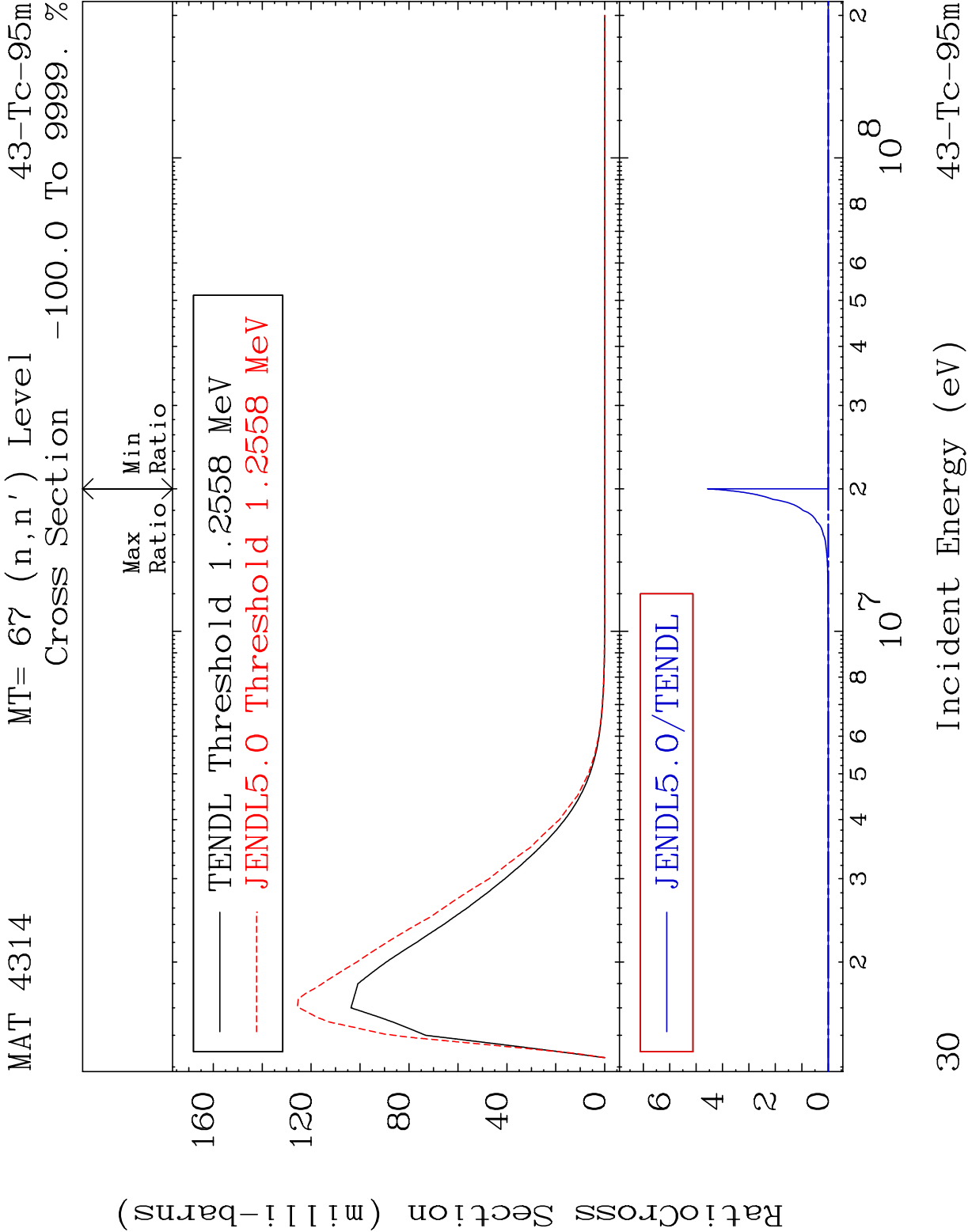


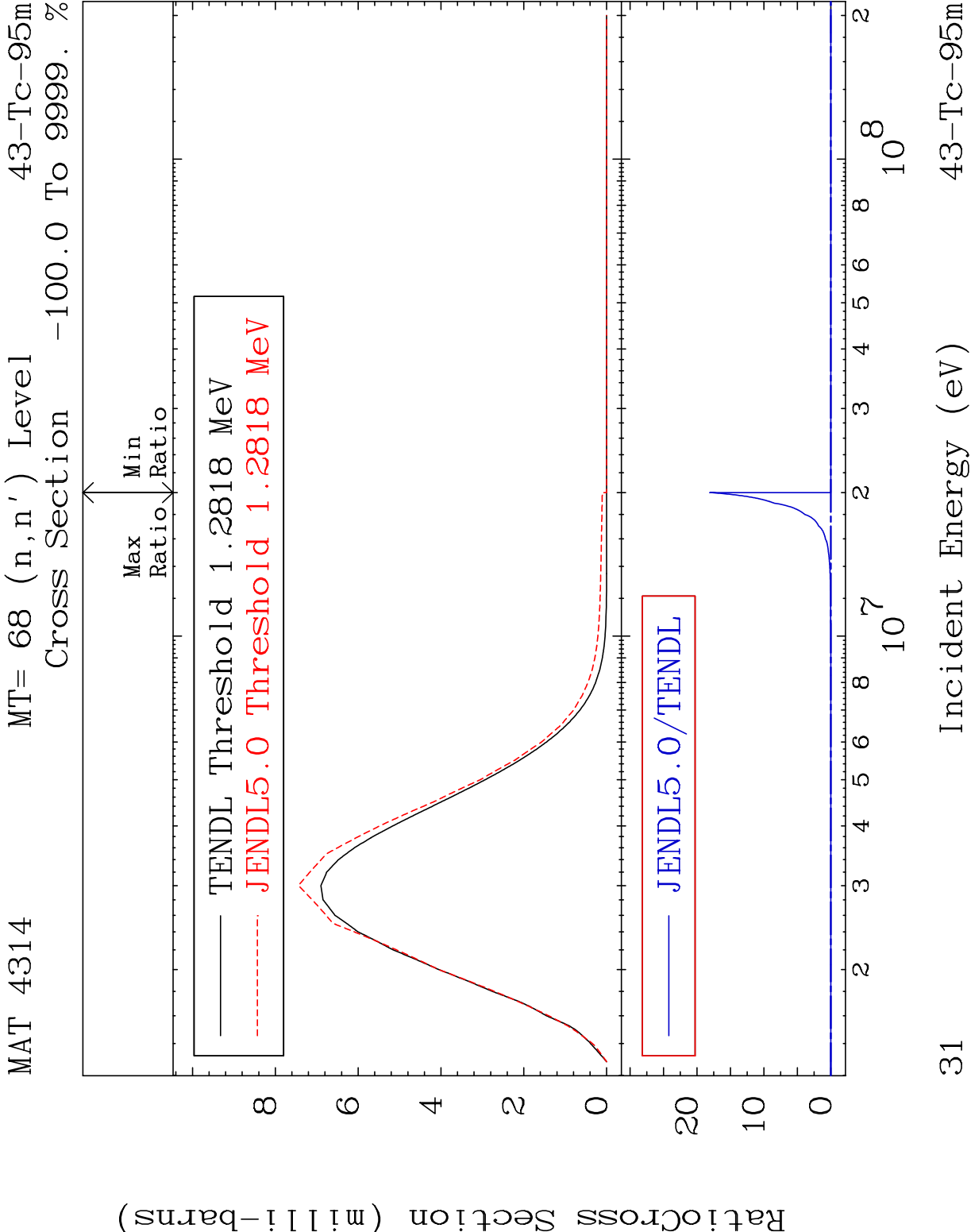


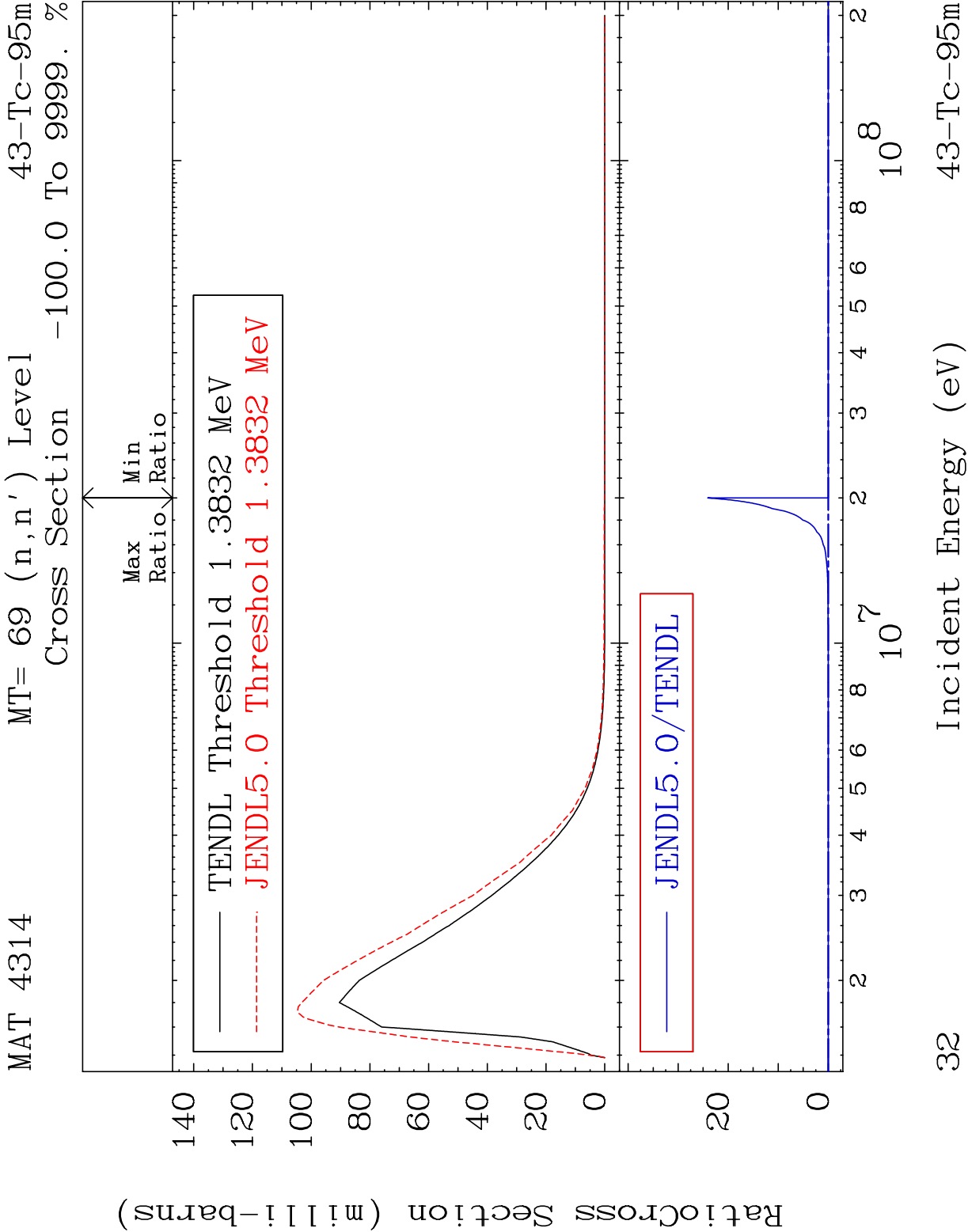


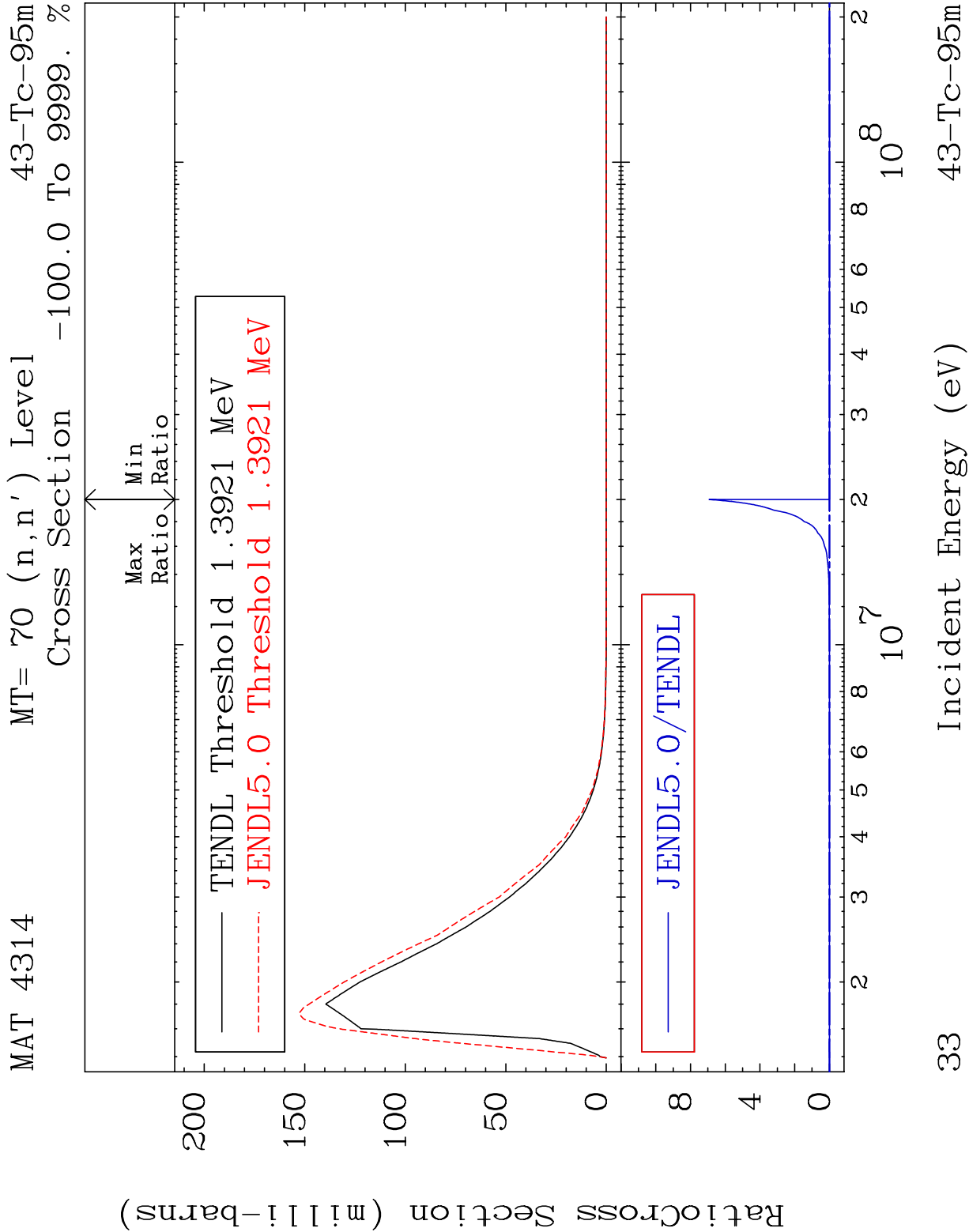
Cross Section -100.0 To 9999. %

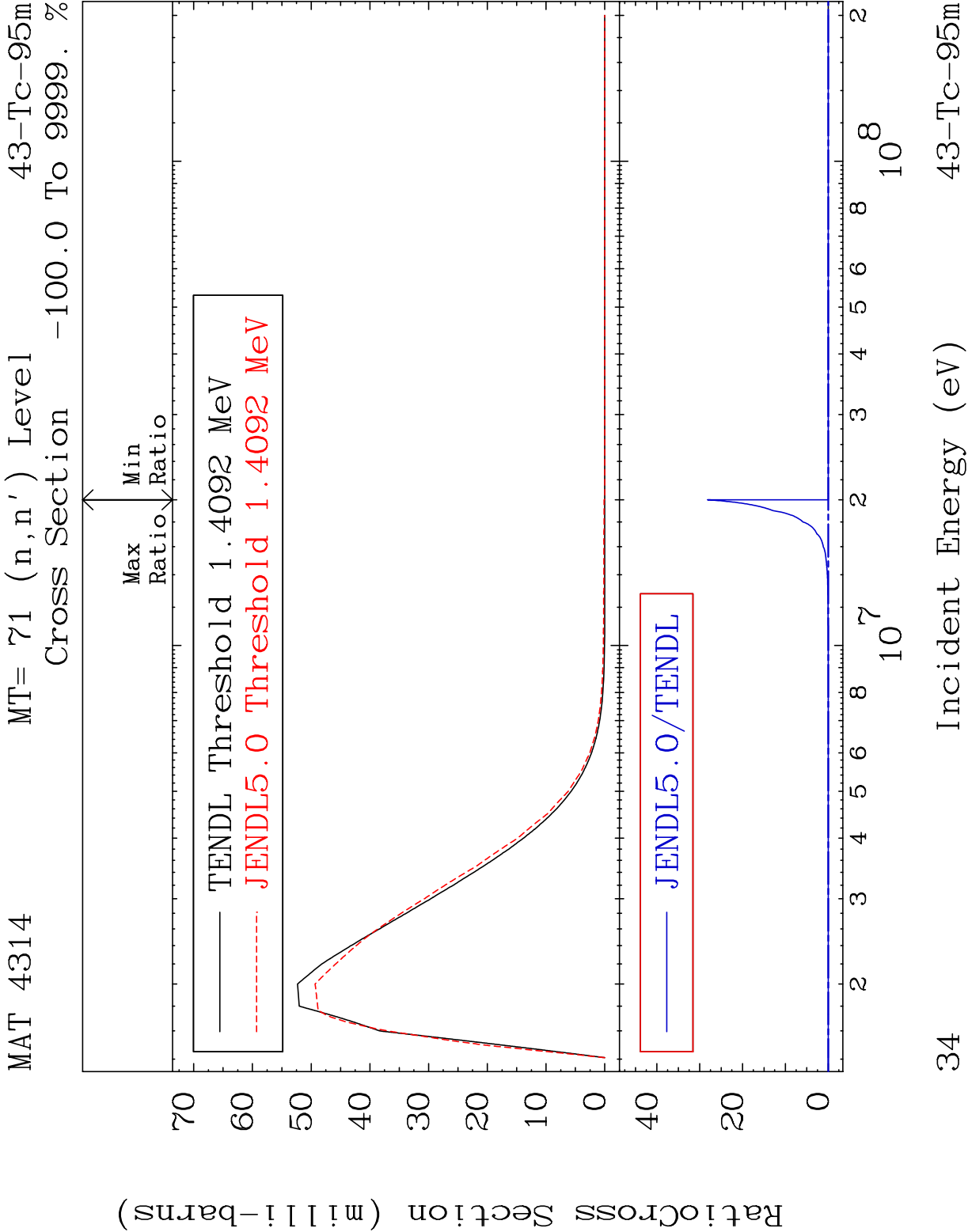


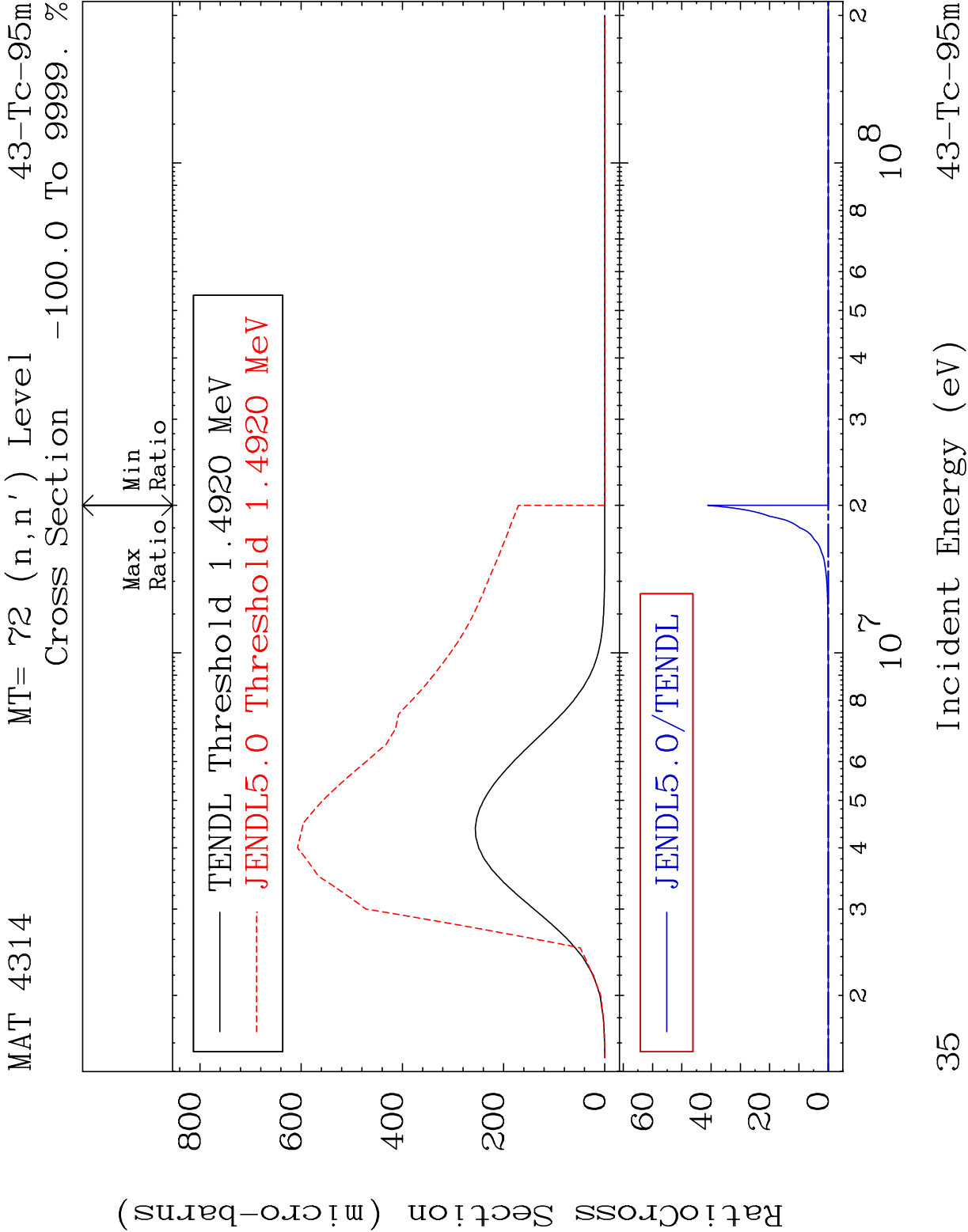










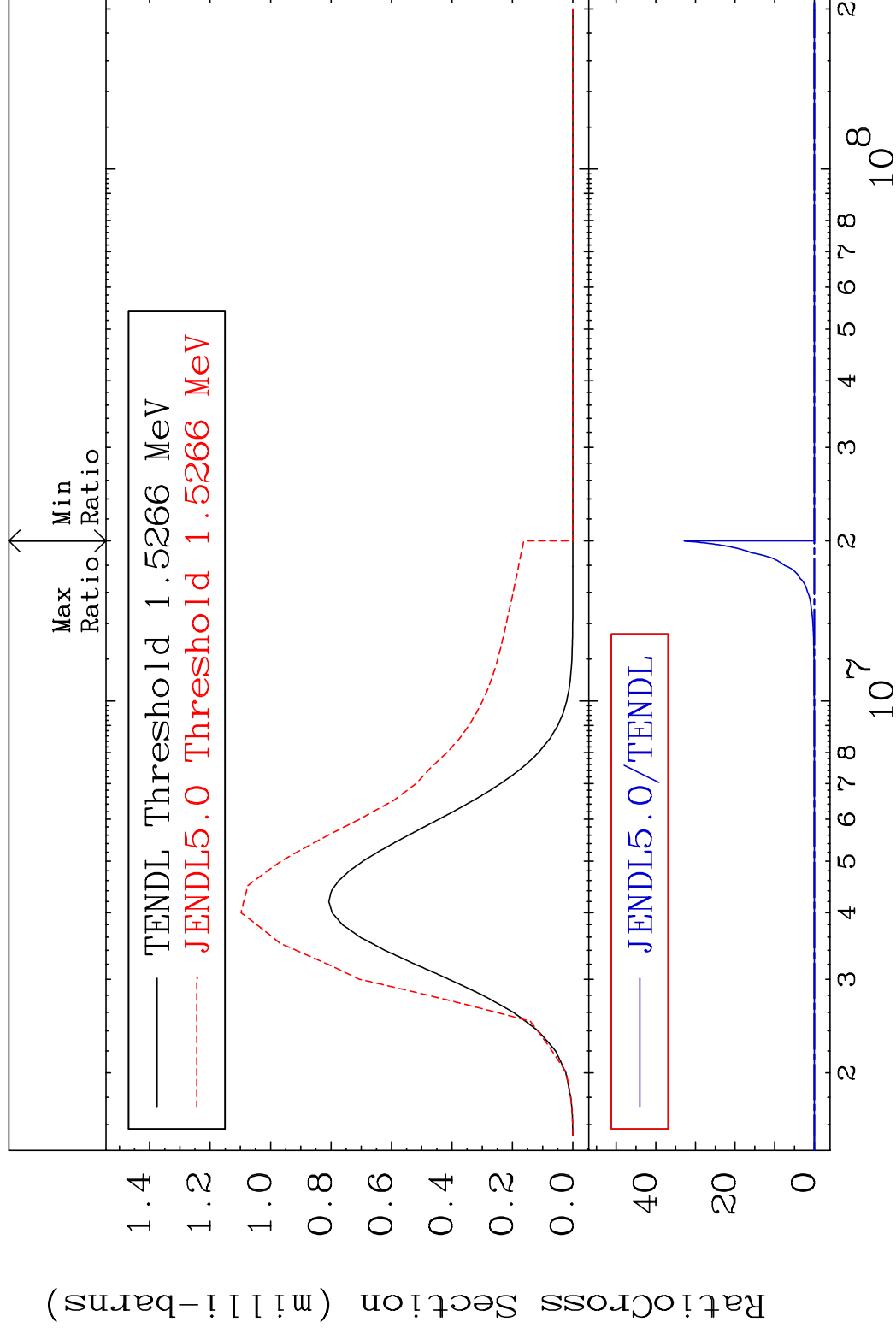


MAT 4314

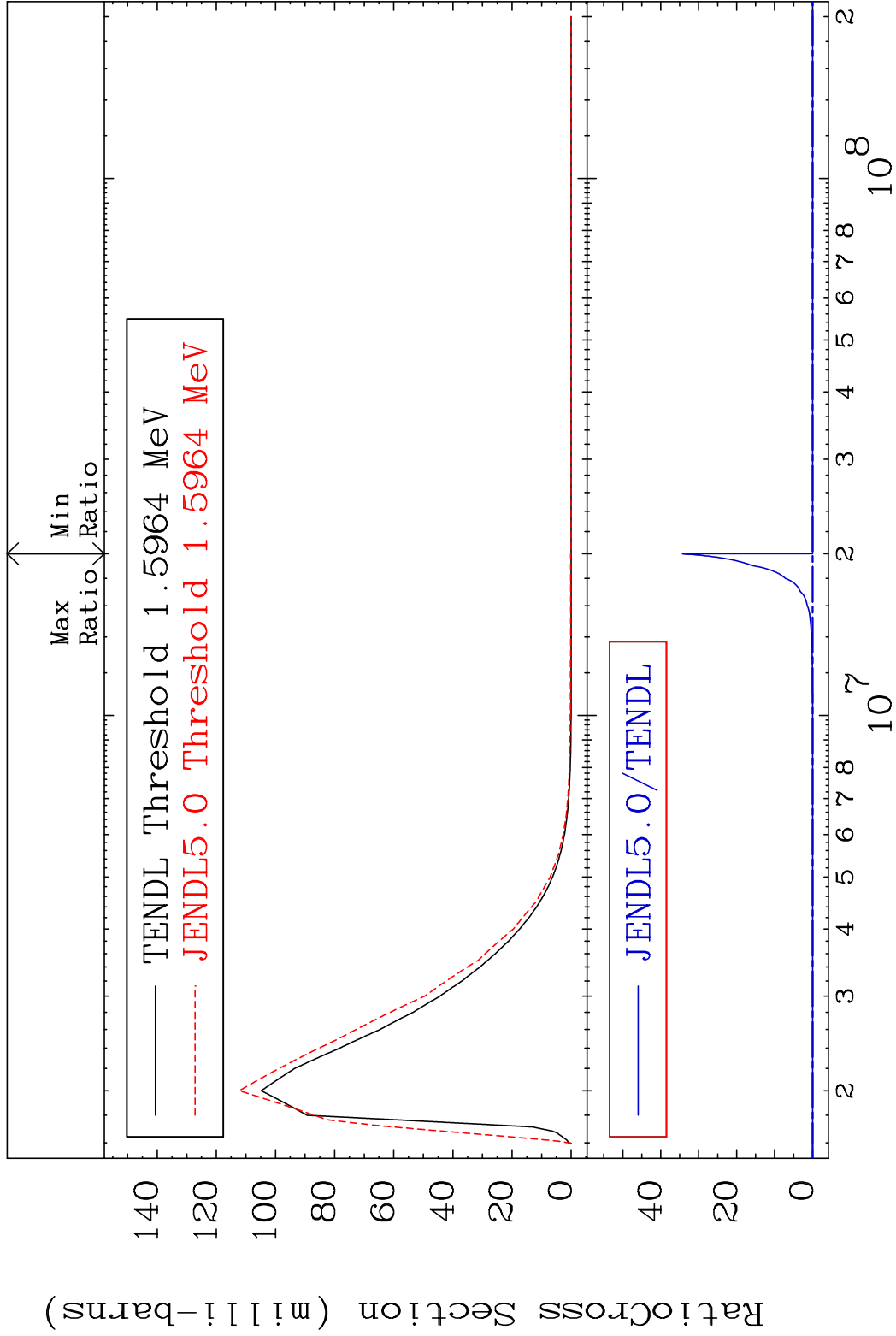
MT= 73 (n, n') Level

43-Tc-95m

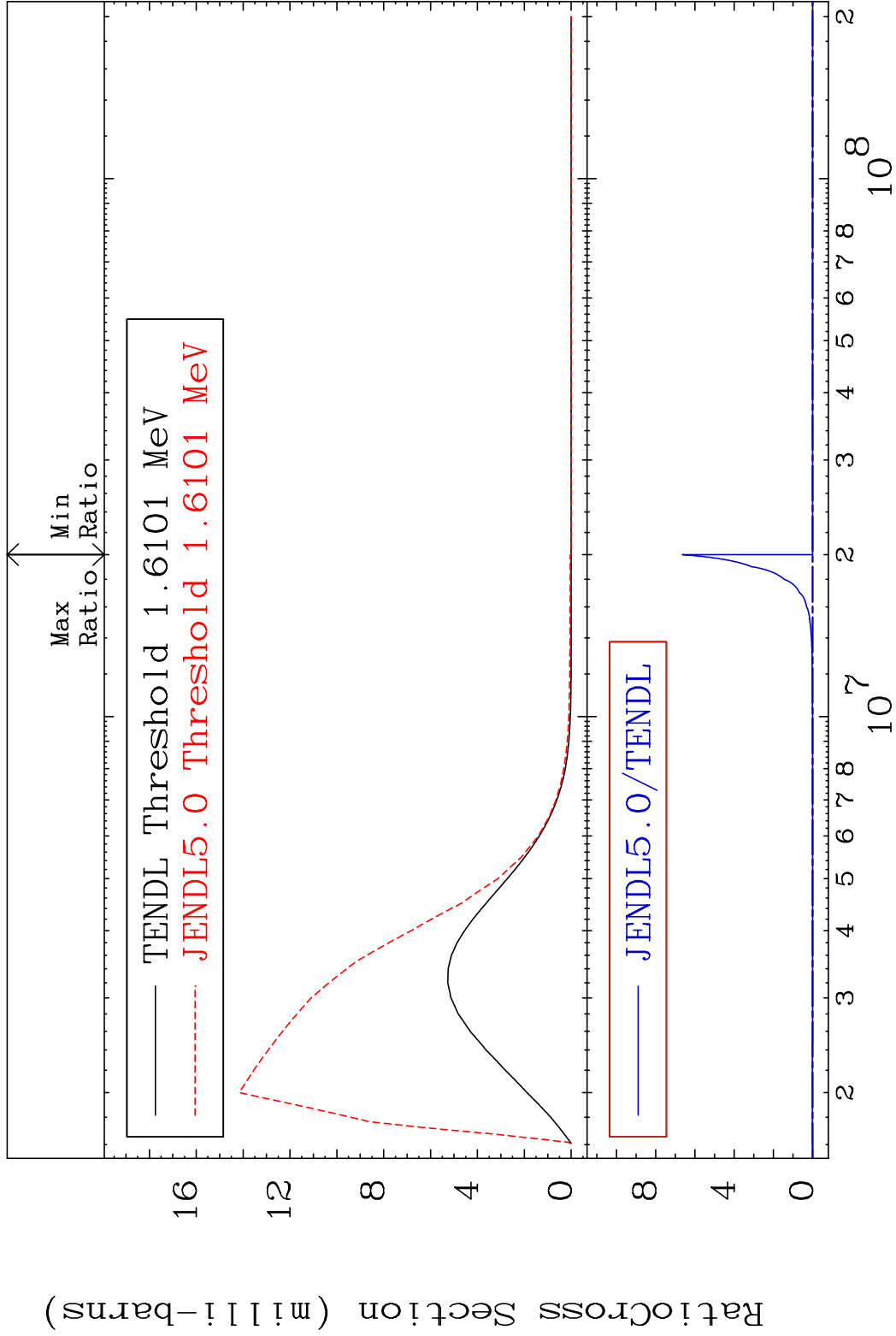
Cross Section -100.0 To 9999. %



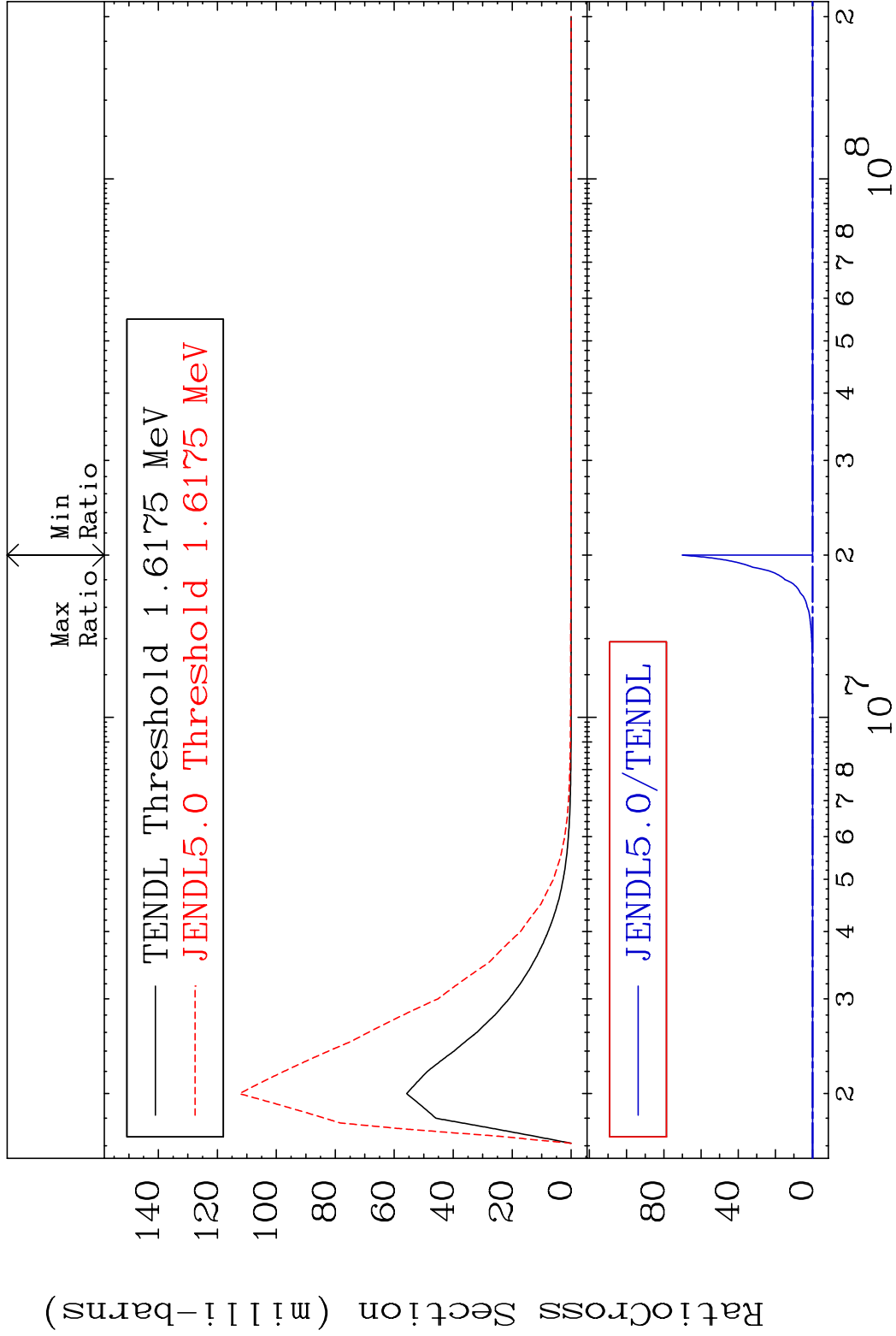
MAT 4314 MT= 74 (n,n') Level 43-Tc-95m
Cross Section -100.0 To 9999. %



MAT 4314 MT= 75 (n,n') Level 43-Tc-95m
Cross Section -100.0 To 9999. %



MAT 4314 MT= 76 (n,n') Level 43-Tc-95m
Cross Section -100.0 To 9999. %

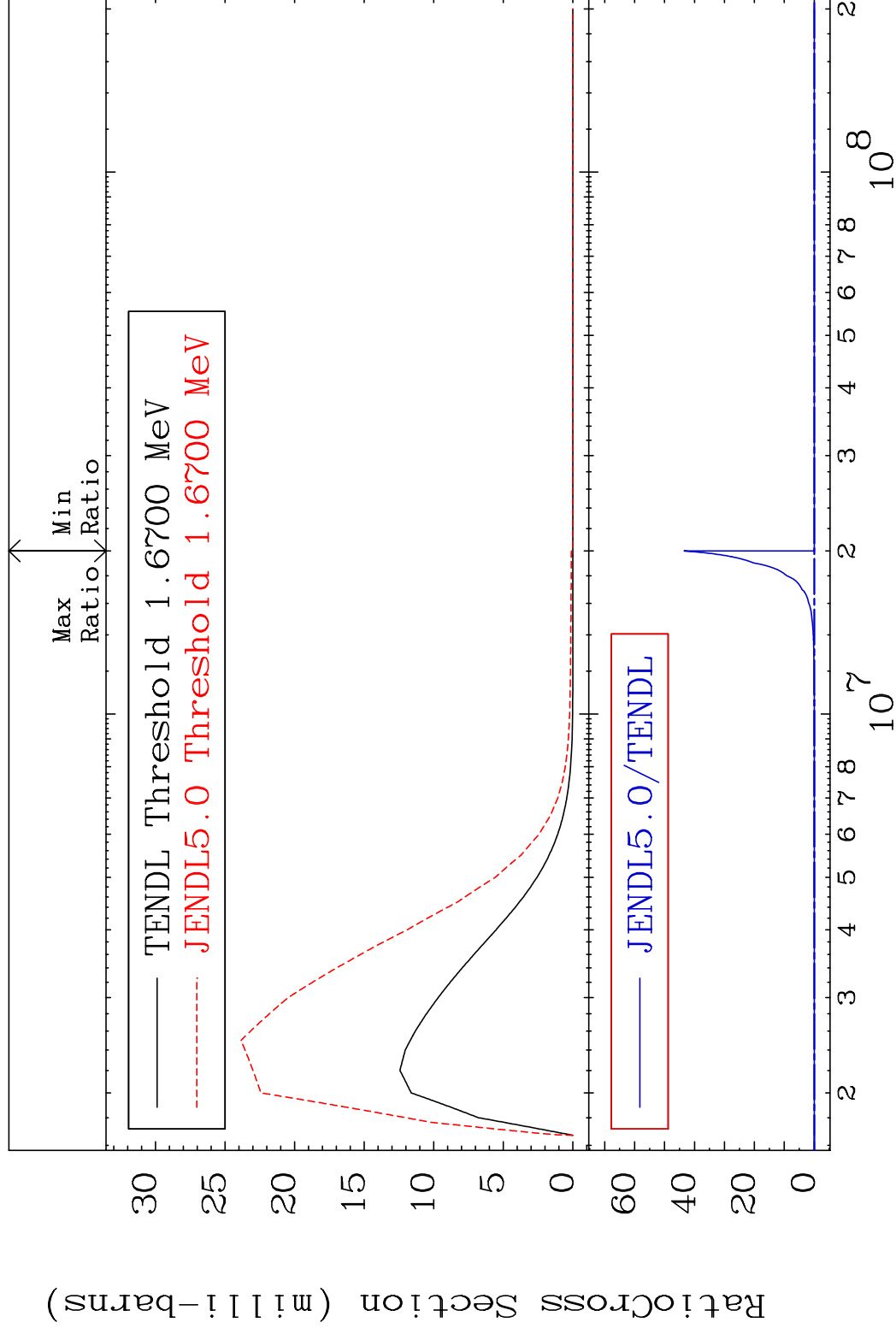


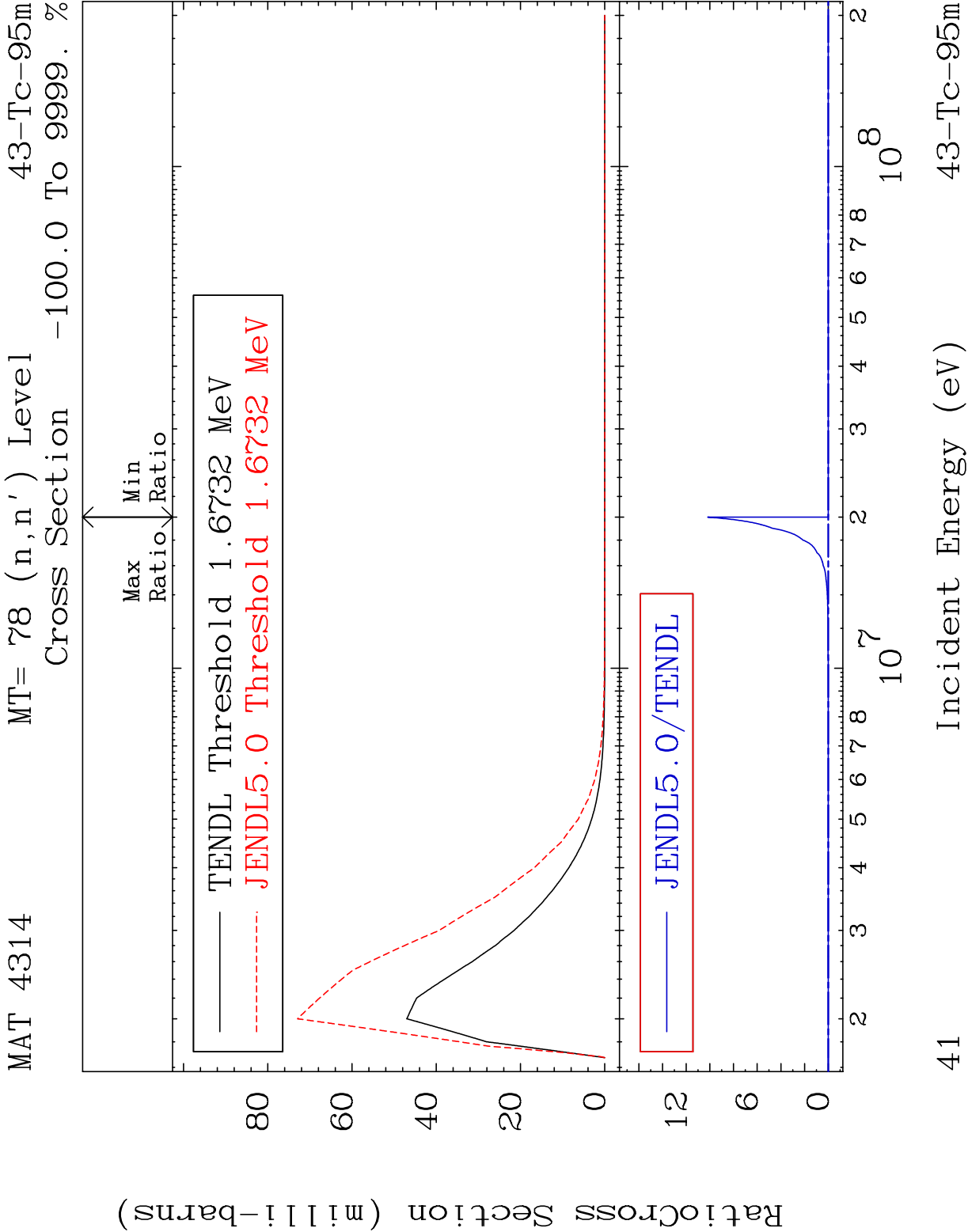
MAT 4314

MT=77 (n, n') Level

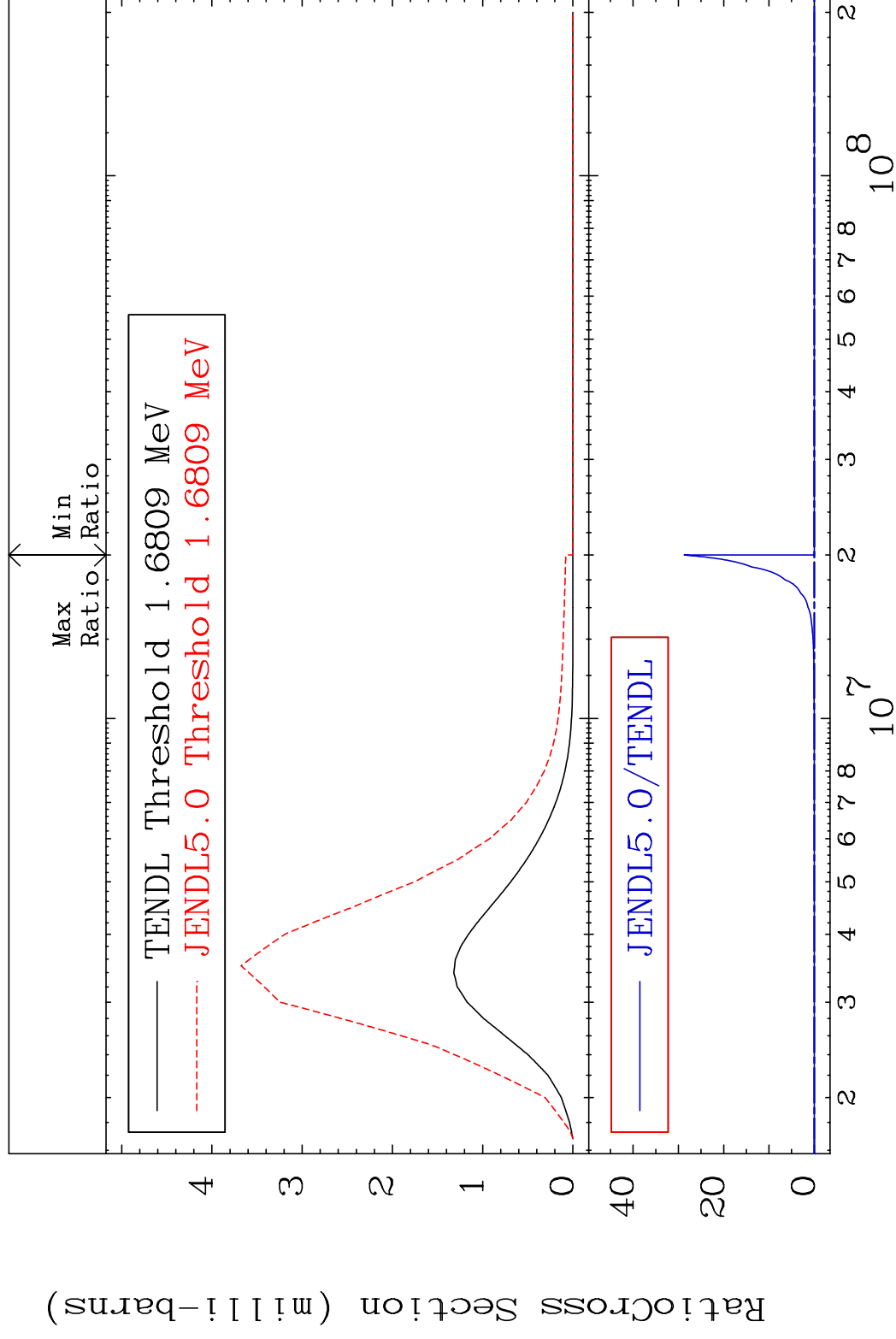
43-Tc-95m

Cross Section -100.0 To 9999. %





MAT	4314	MT= 79 (n, n') Level	43-Tc-95m
		Cross Section	-100.0 To 9999. %

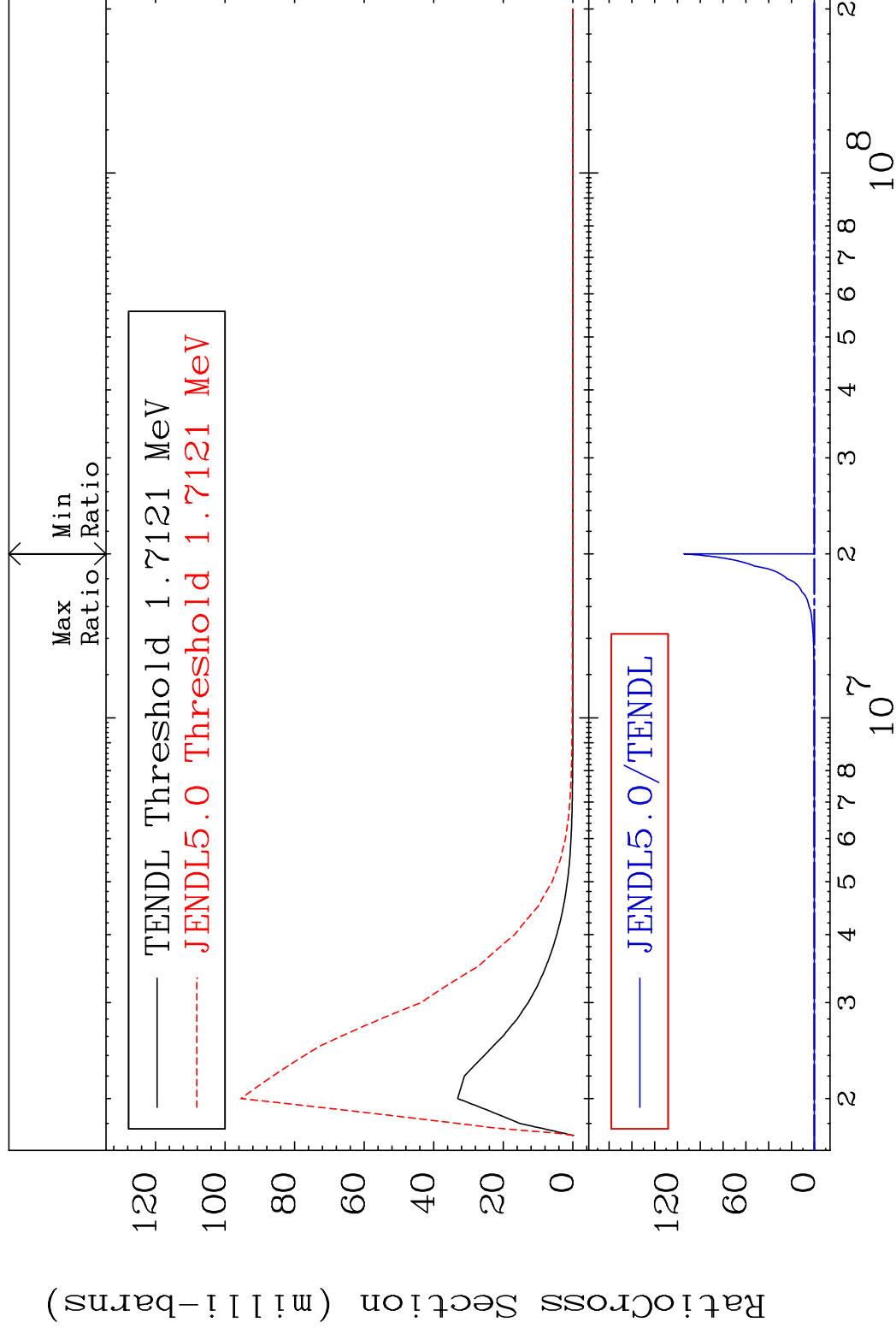


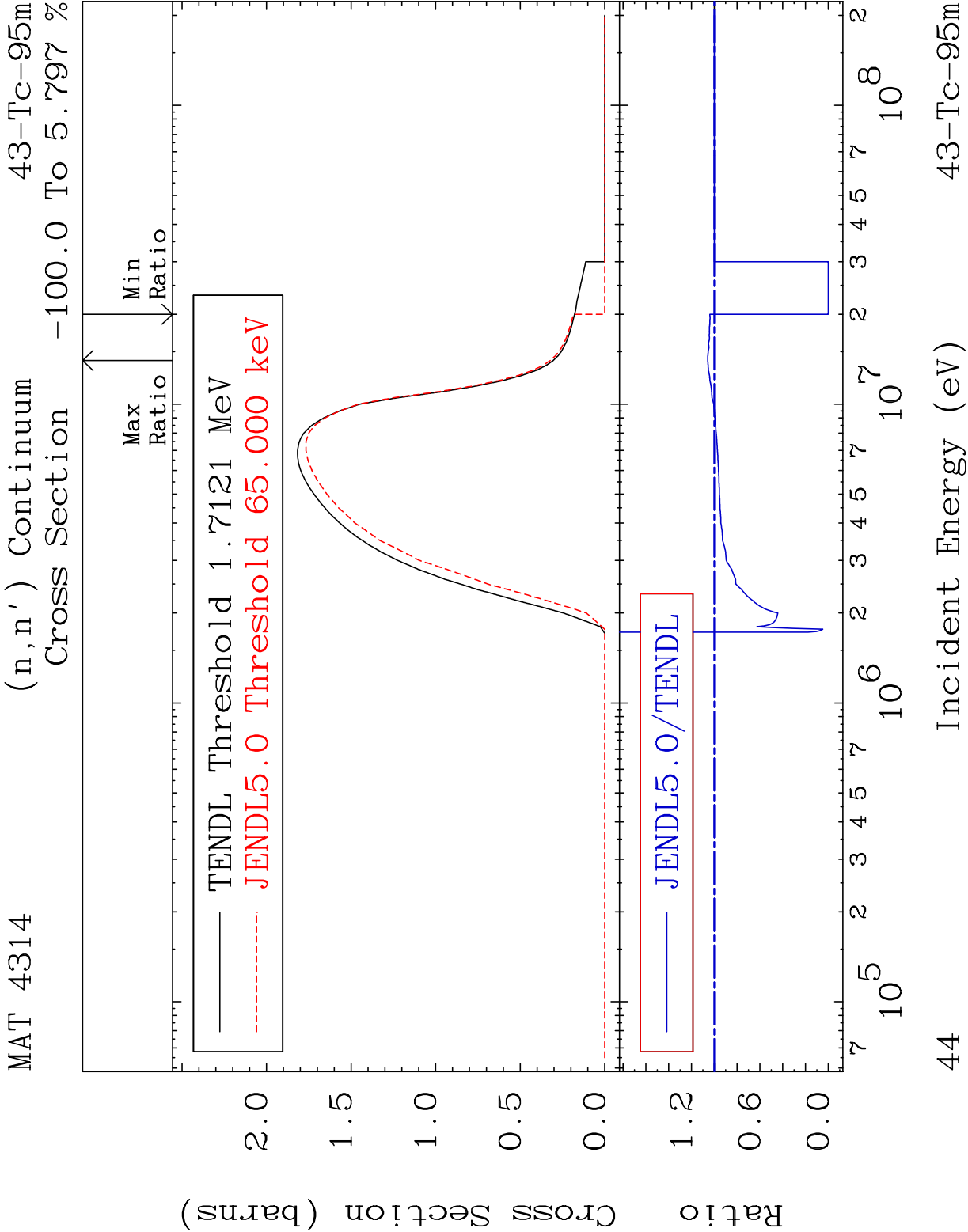
MAT 4314

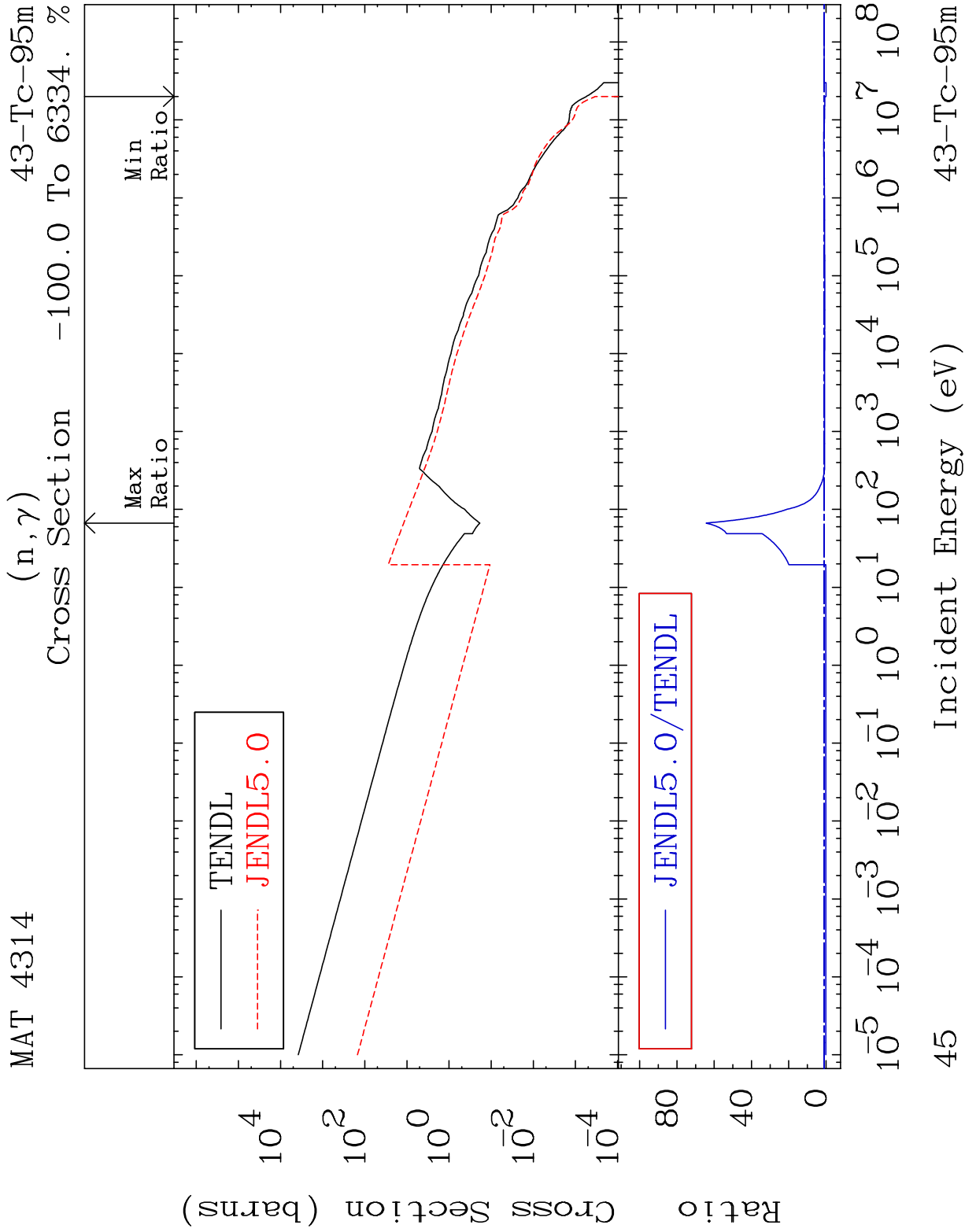
MT= 80 (n, n') Level

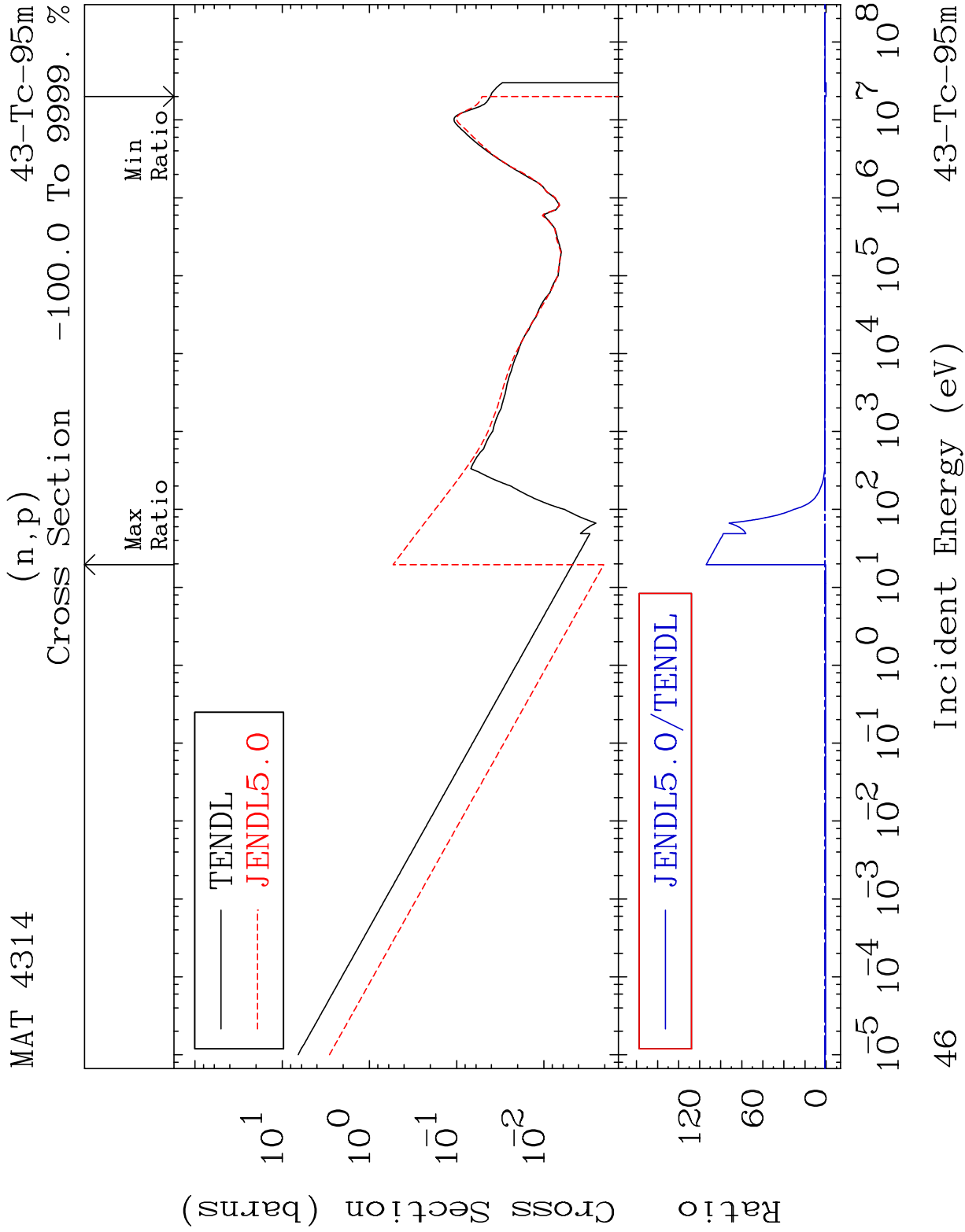
43-Tc-95m

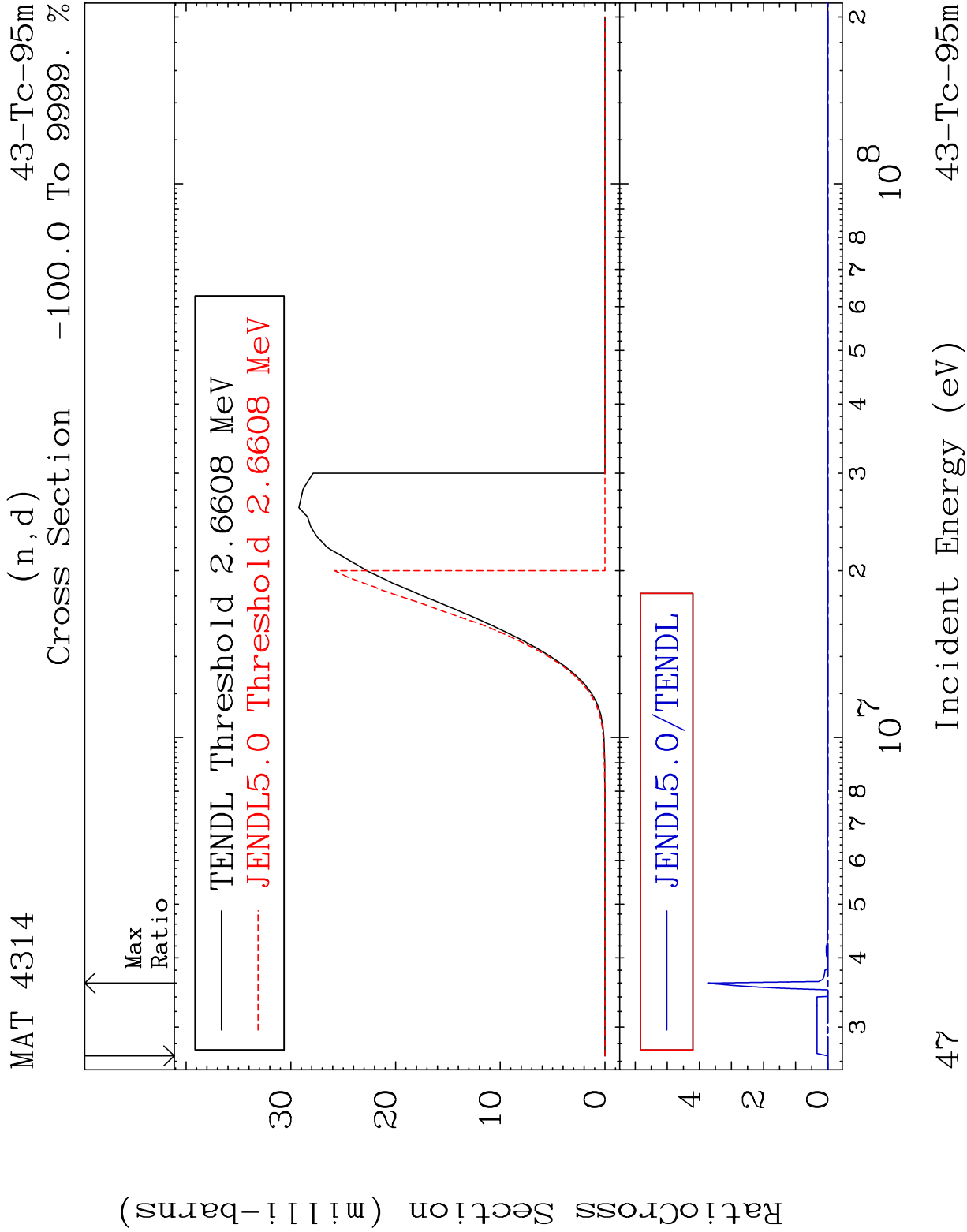
Cross Section -100.0 To 9999. %

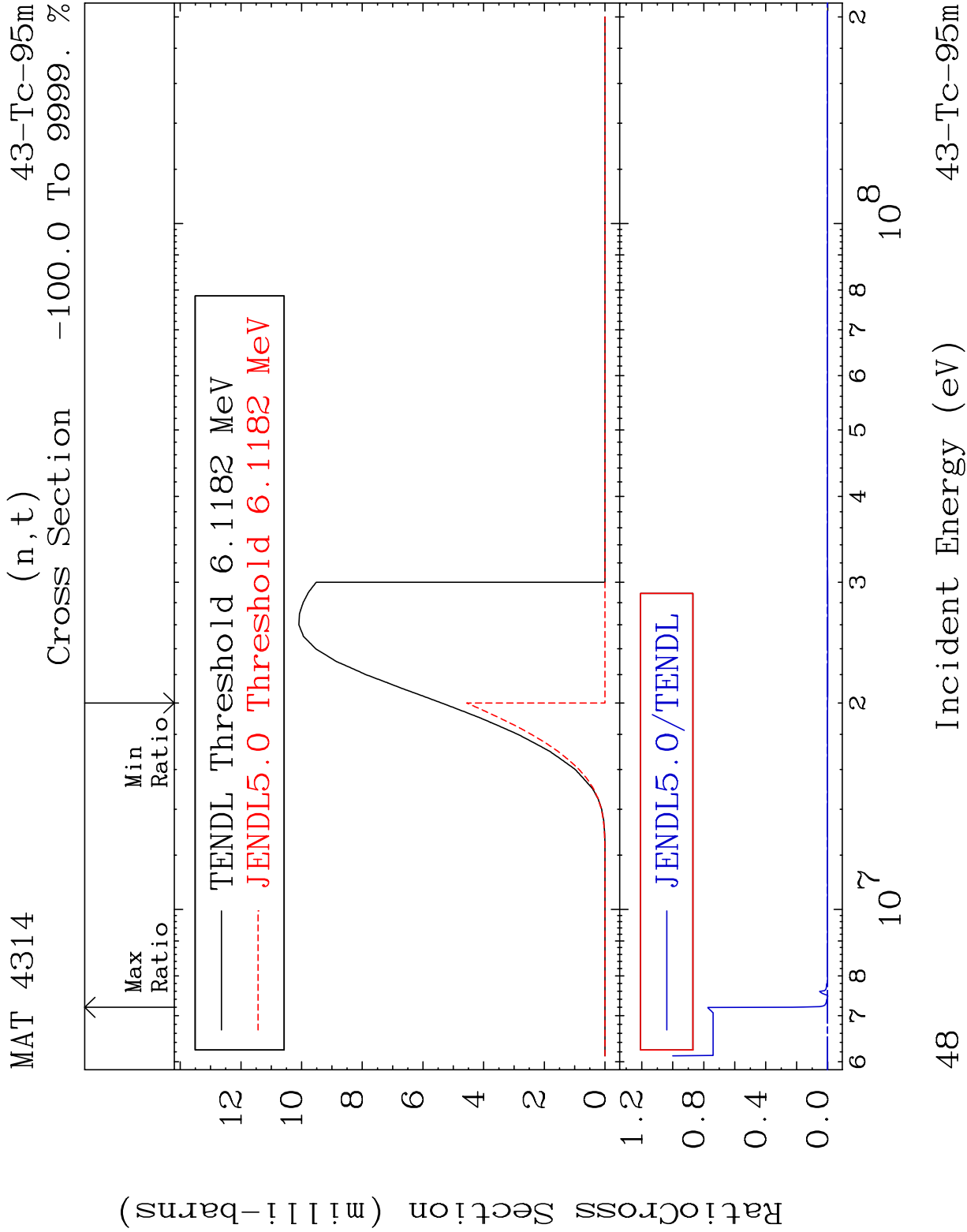


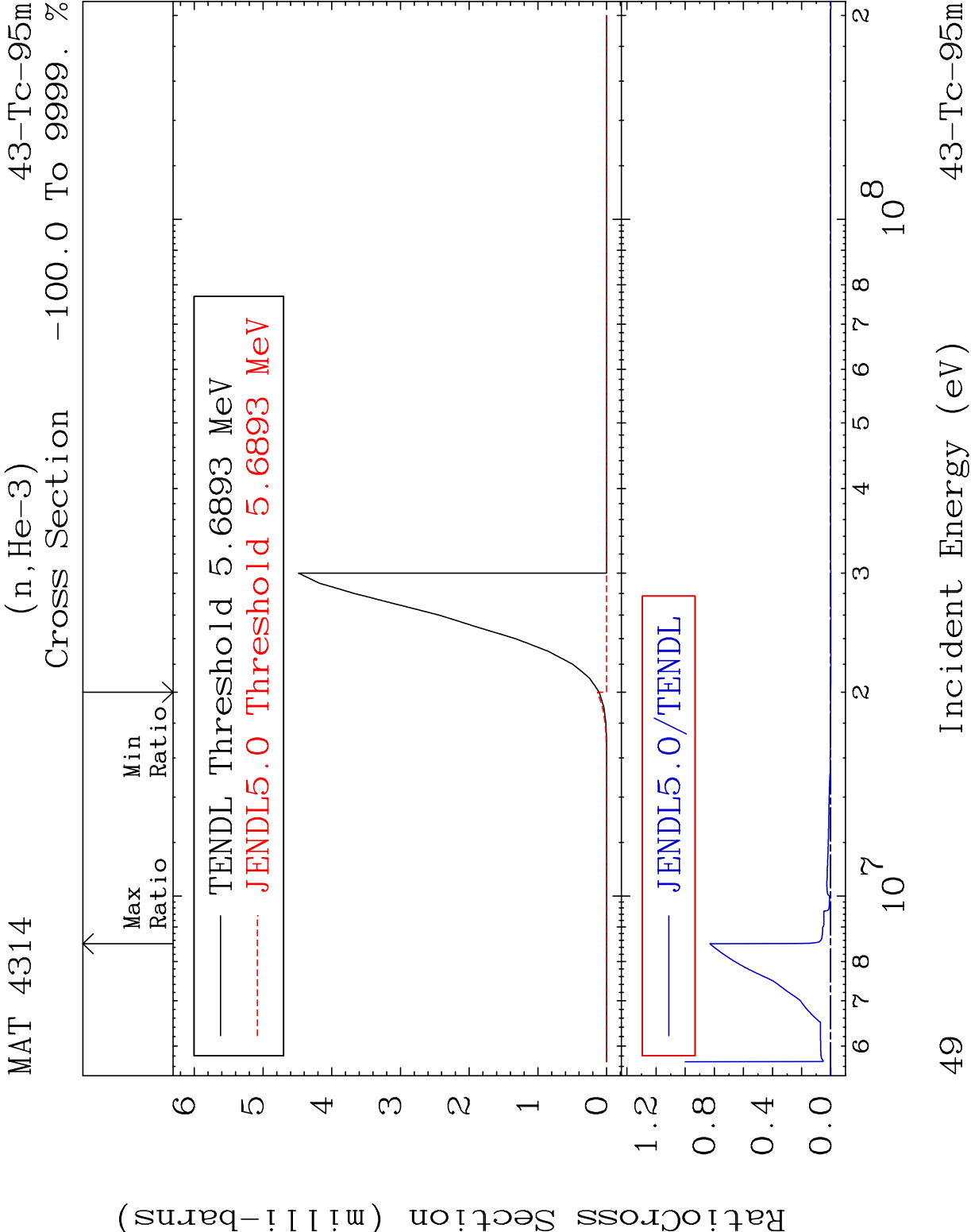


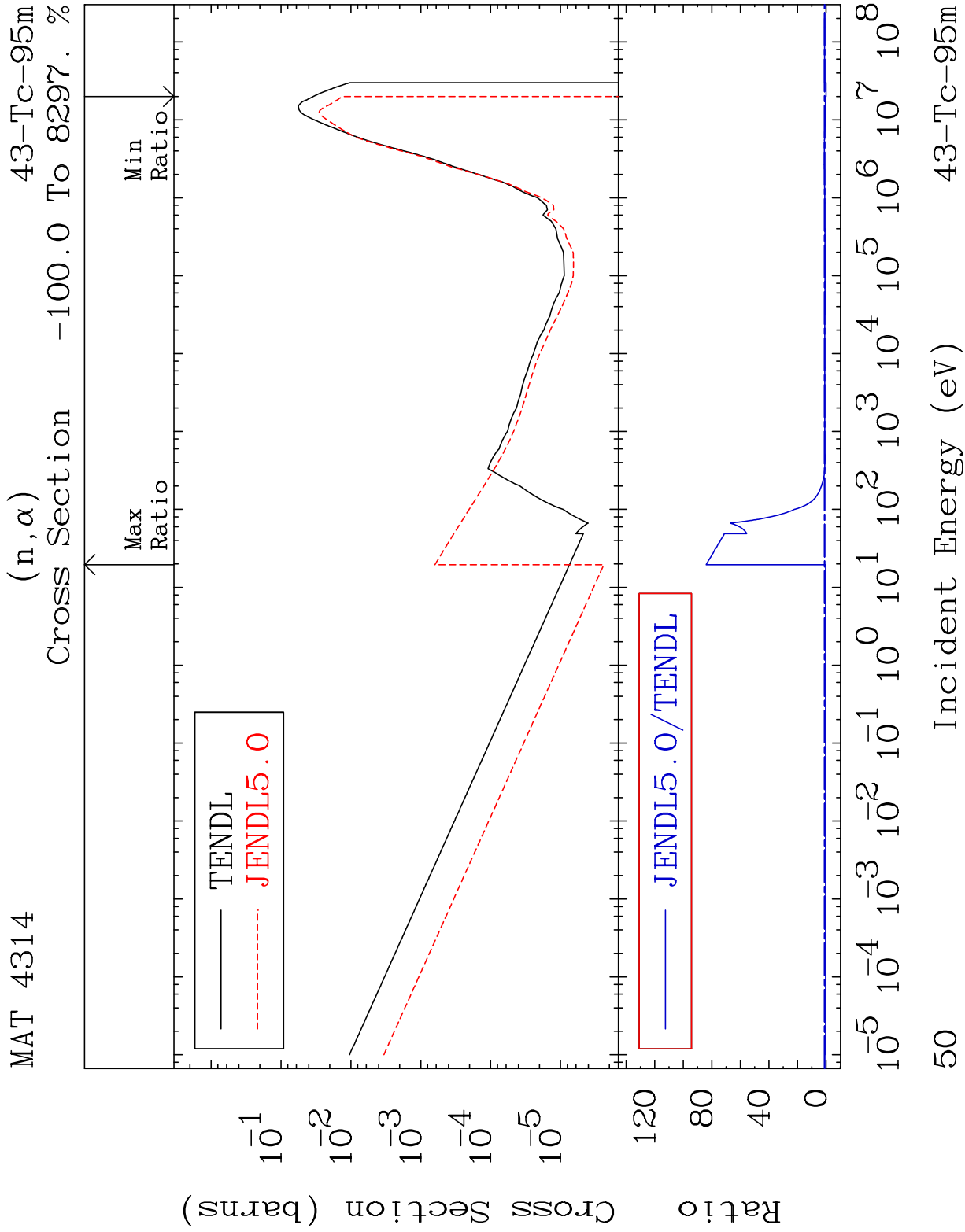










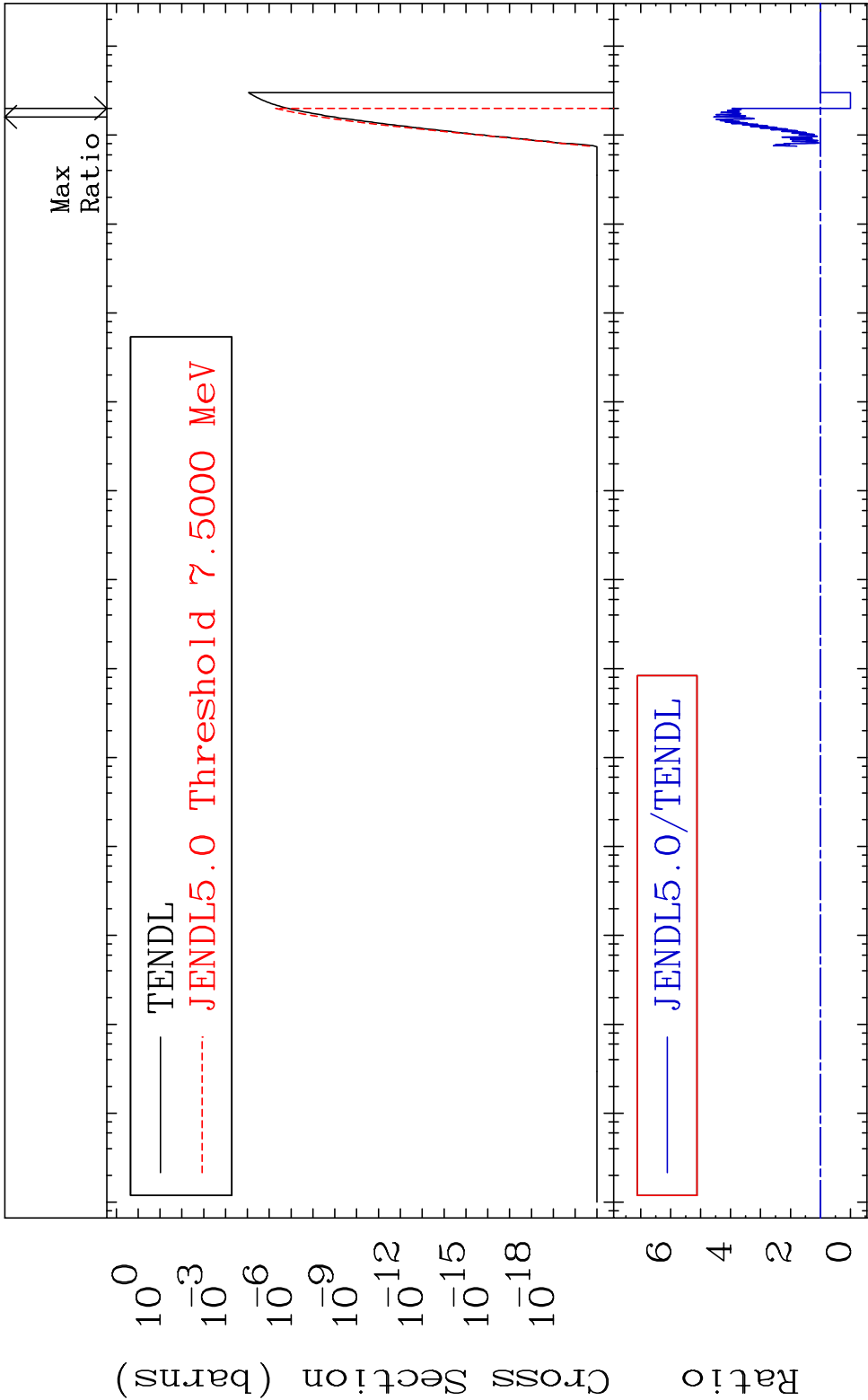


MAT 4314

(n,2α)

43-Tc-95m

Cross Section -100.0 To 356.4 %

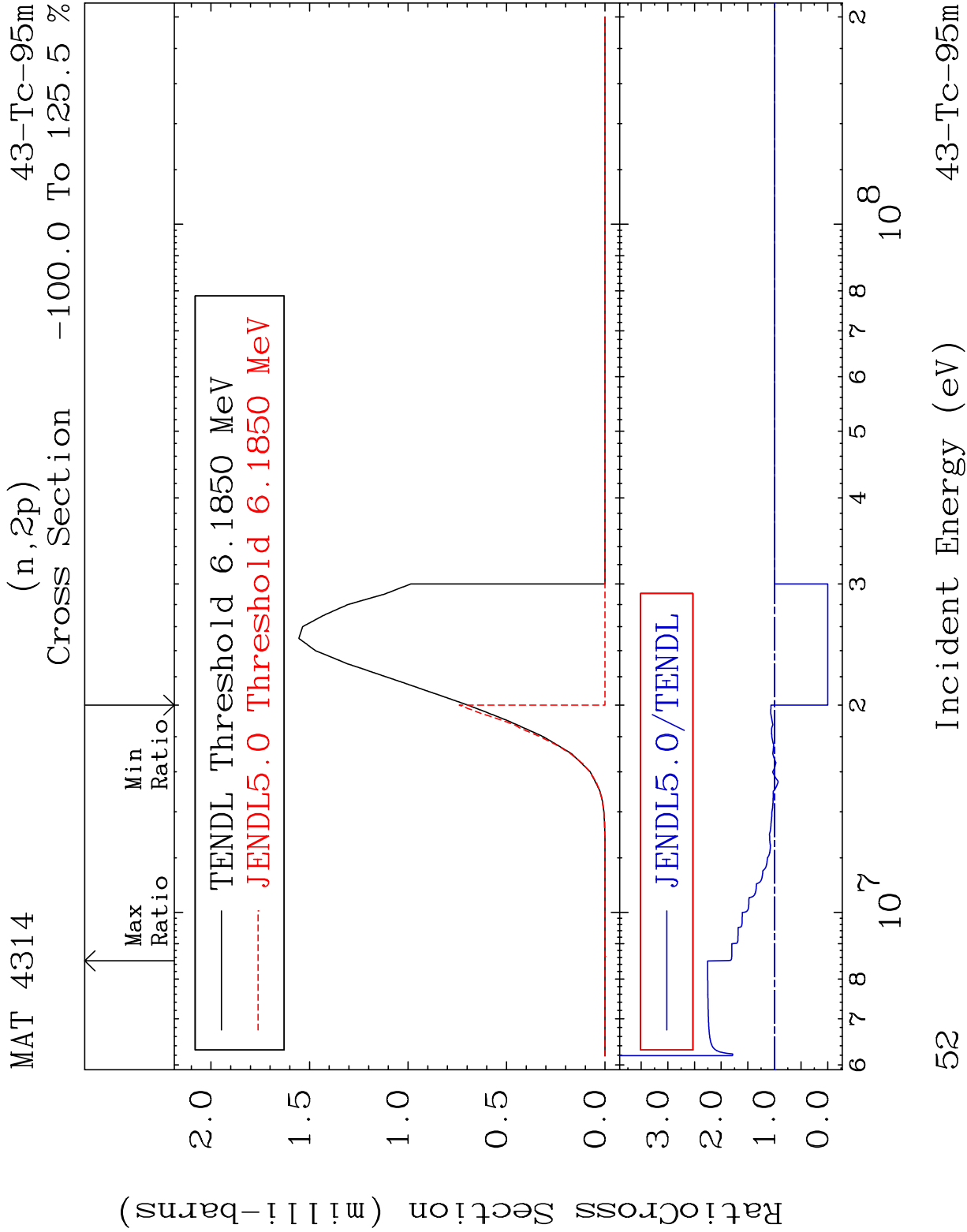


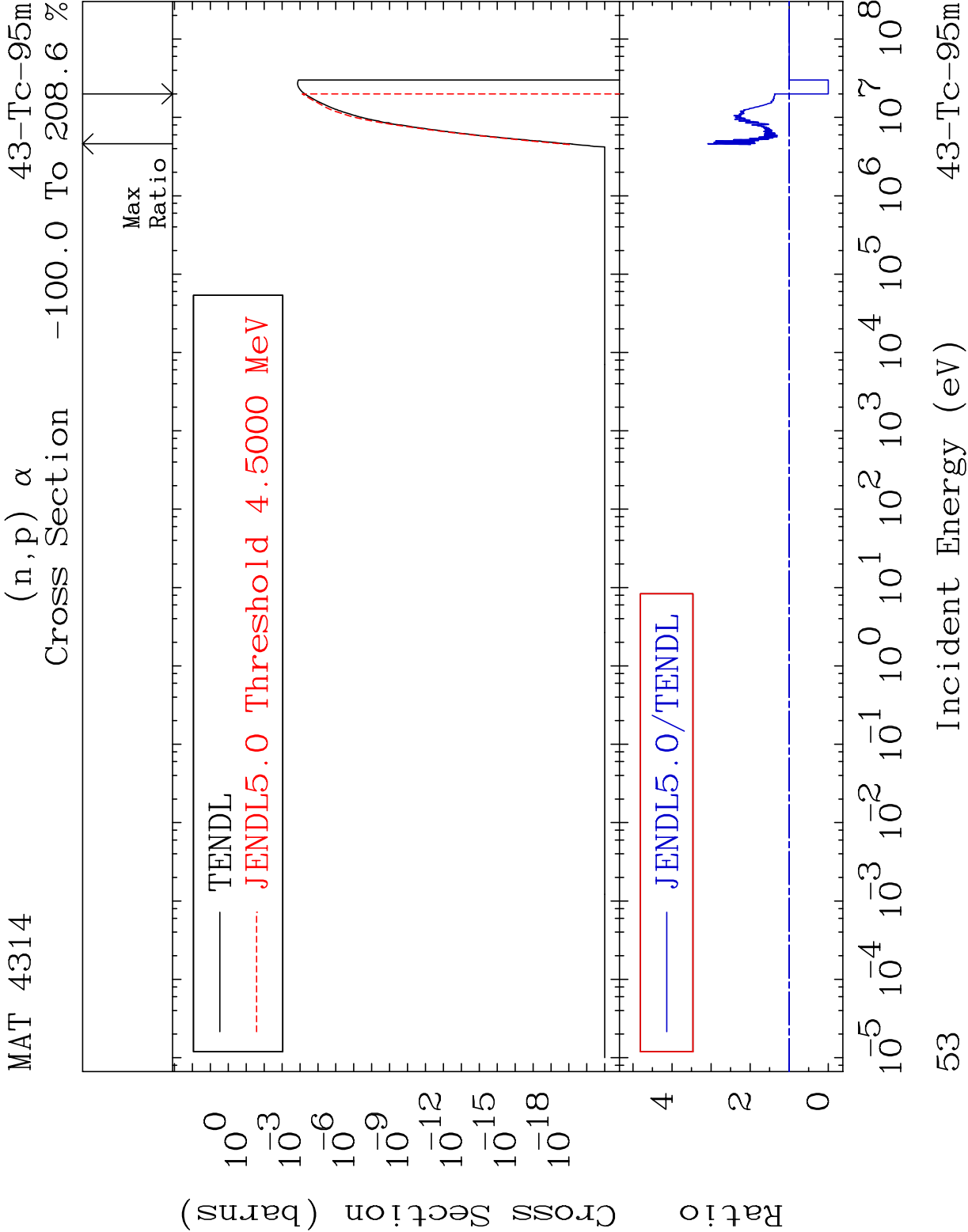
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

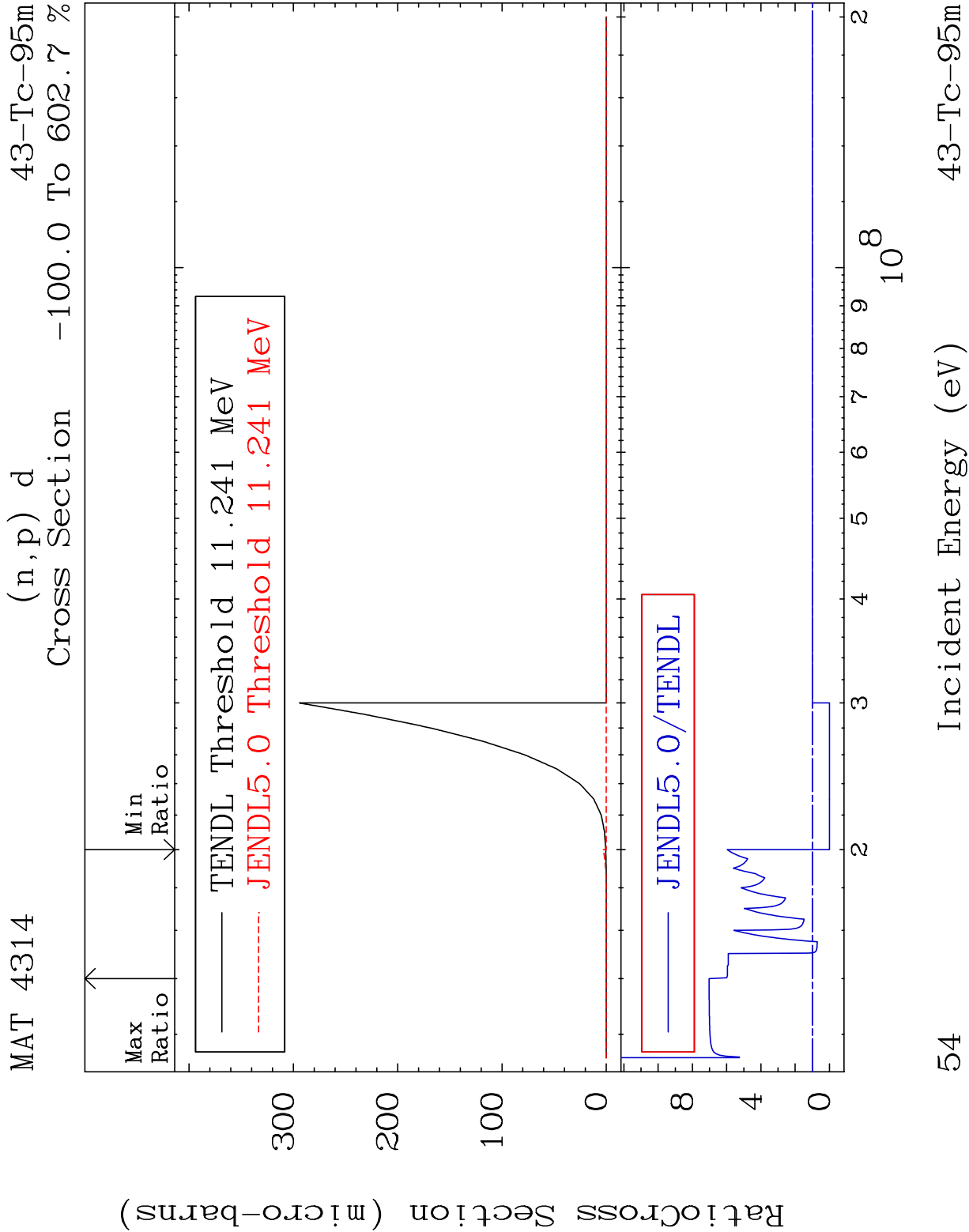
51

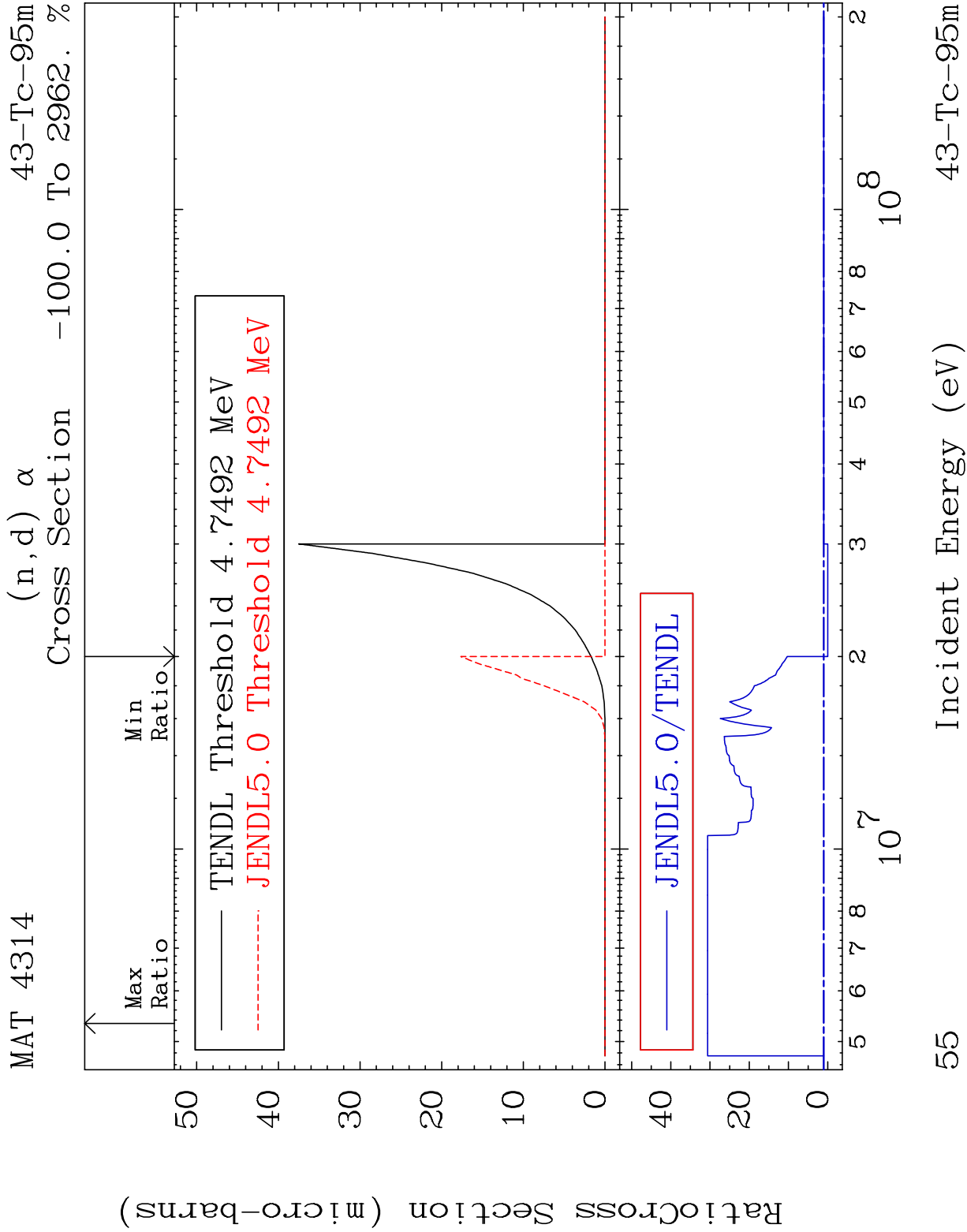
Incident Energy (eV)

43-Tc-95m

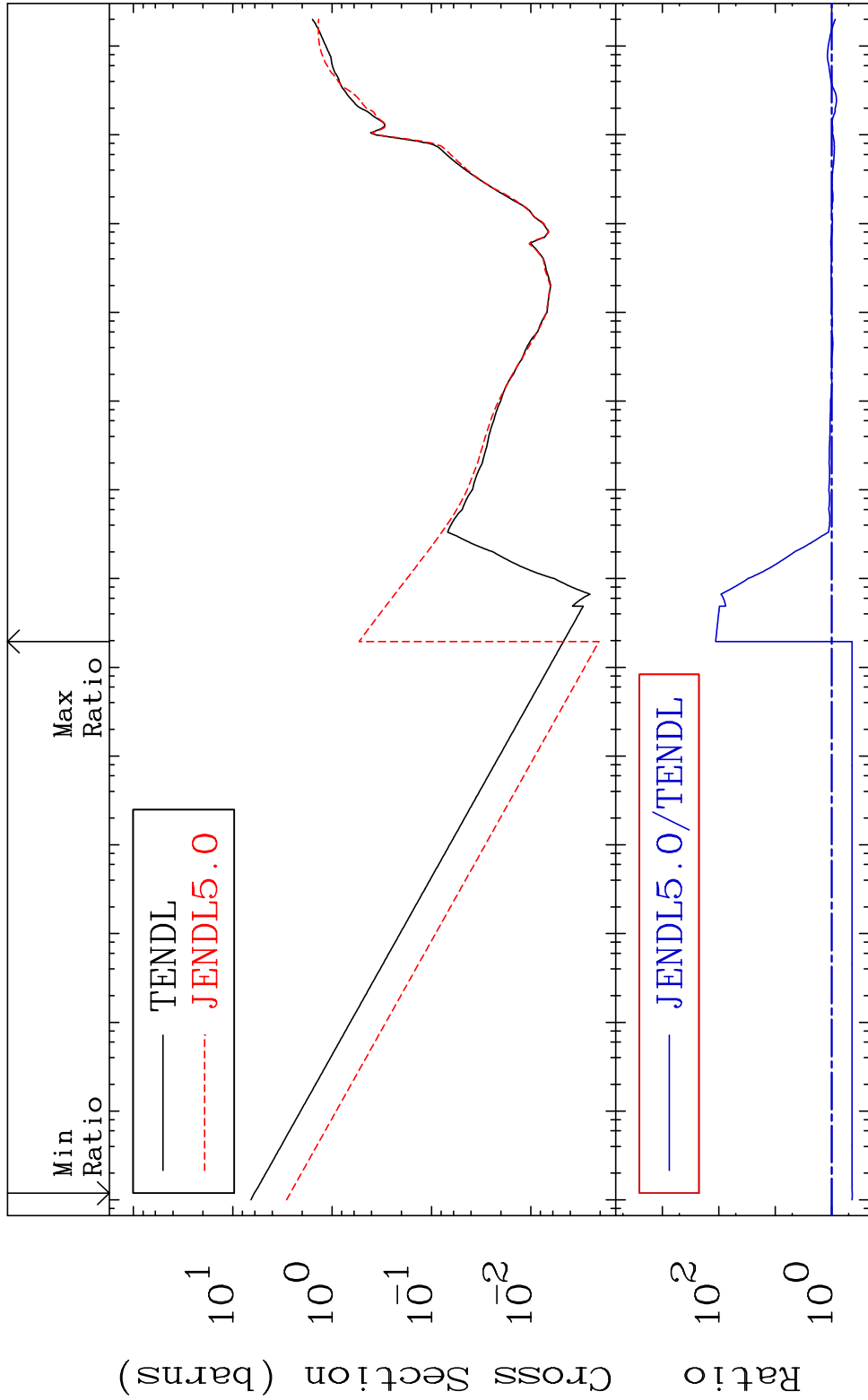




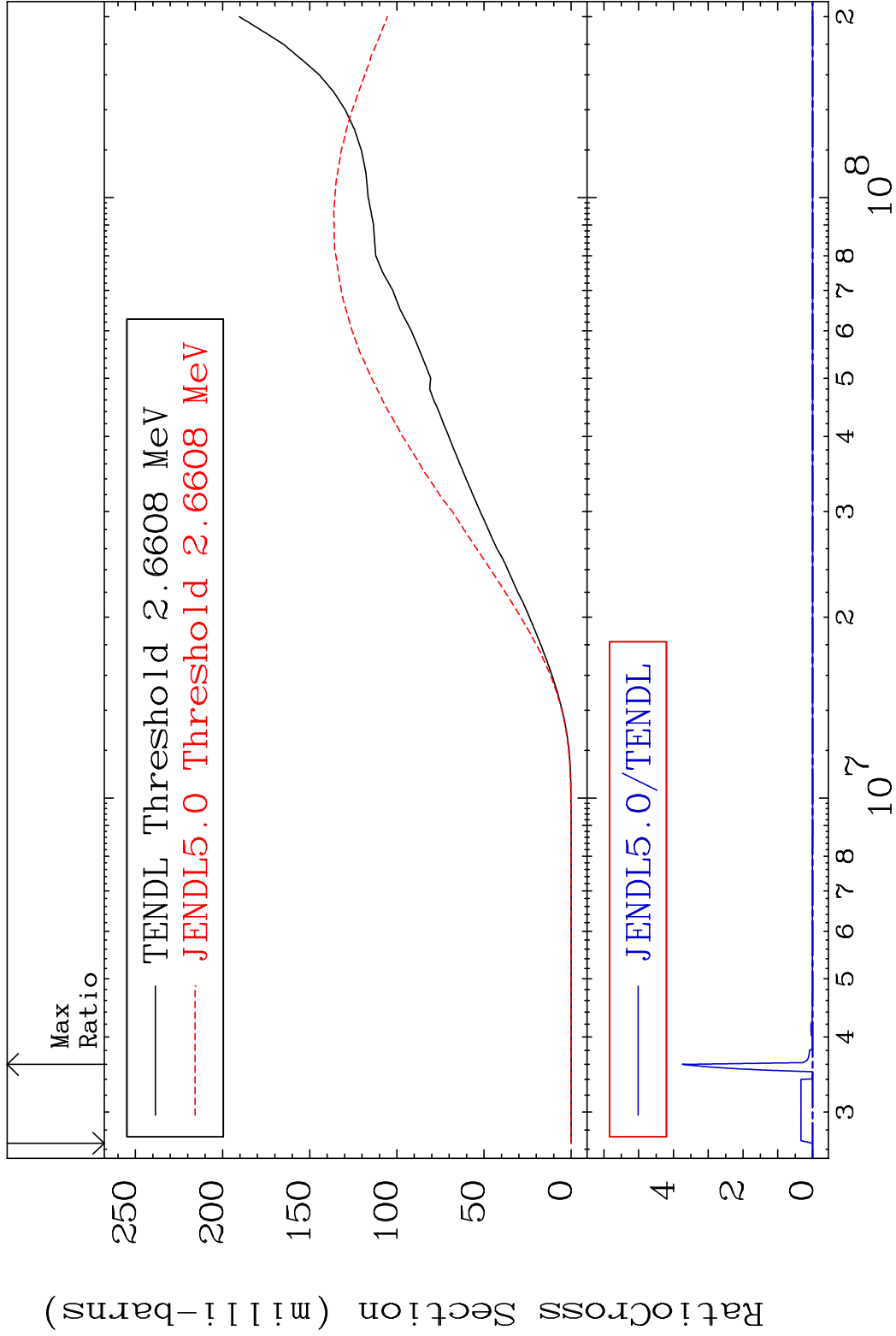


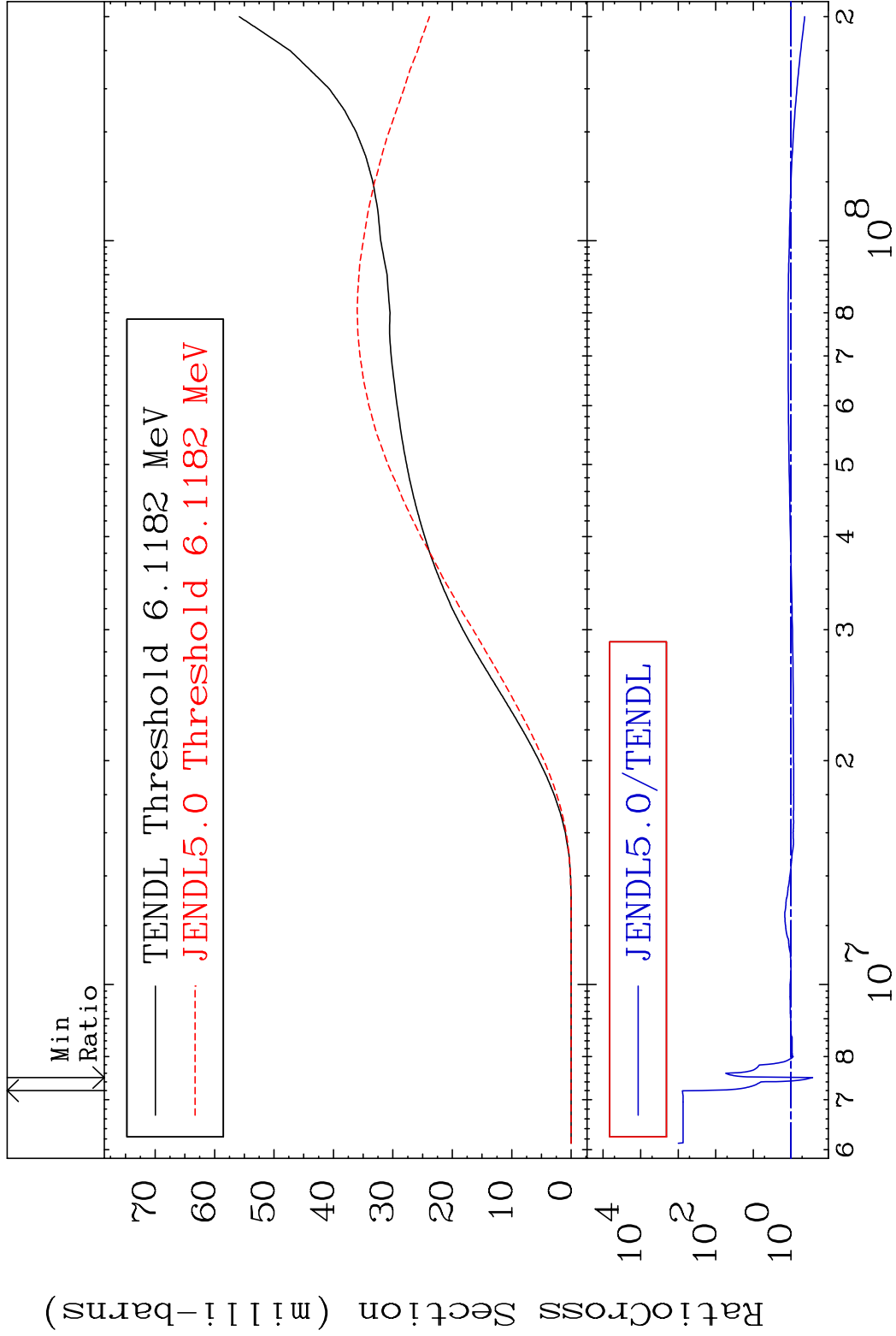


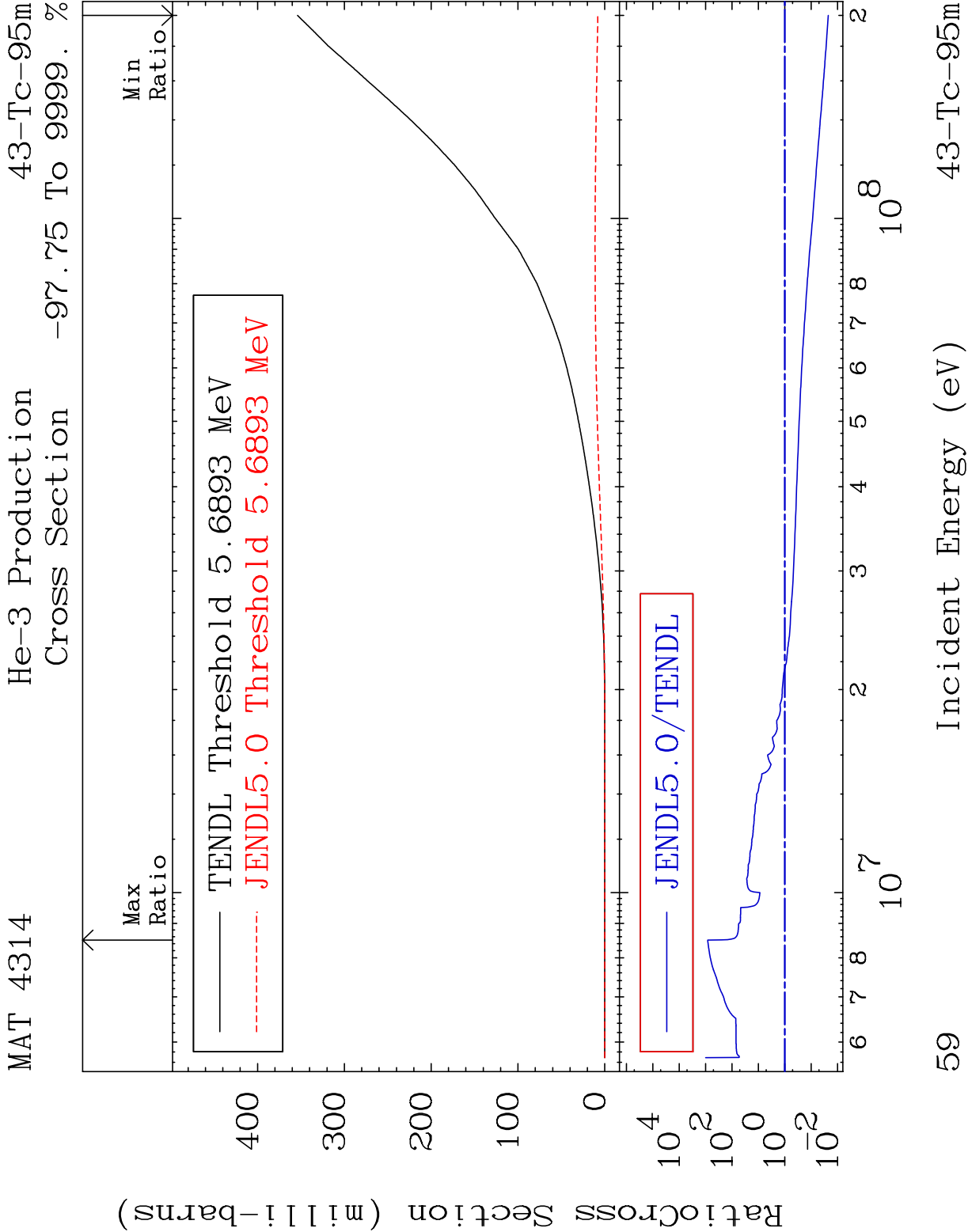
MAT 4314 Hydrogen Production 43-Tc-95m
Cross Section -56.51 To 9999. %

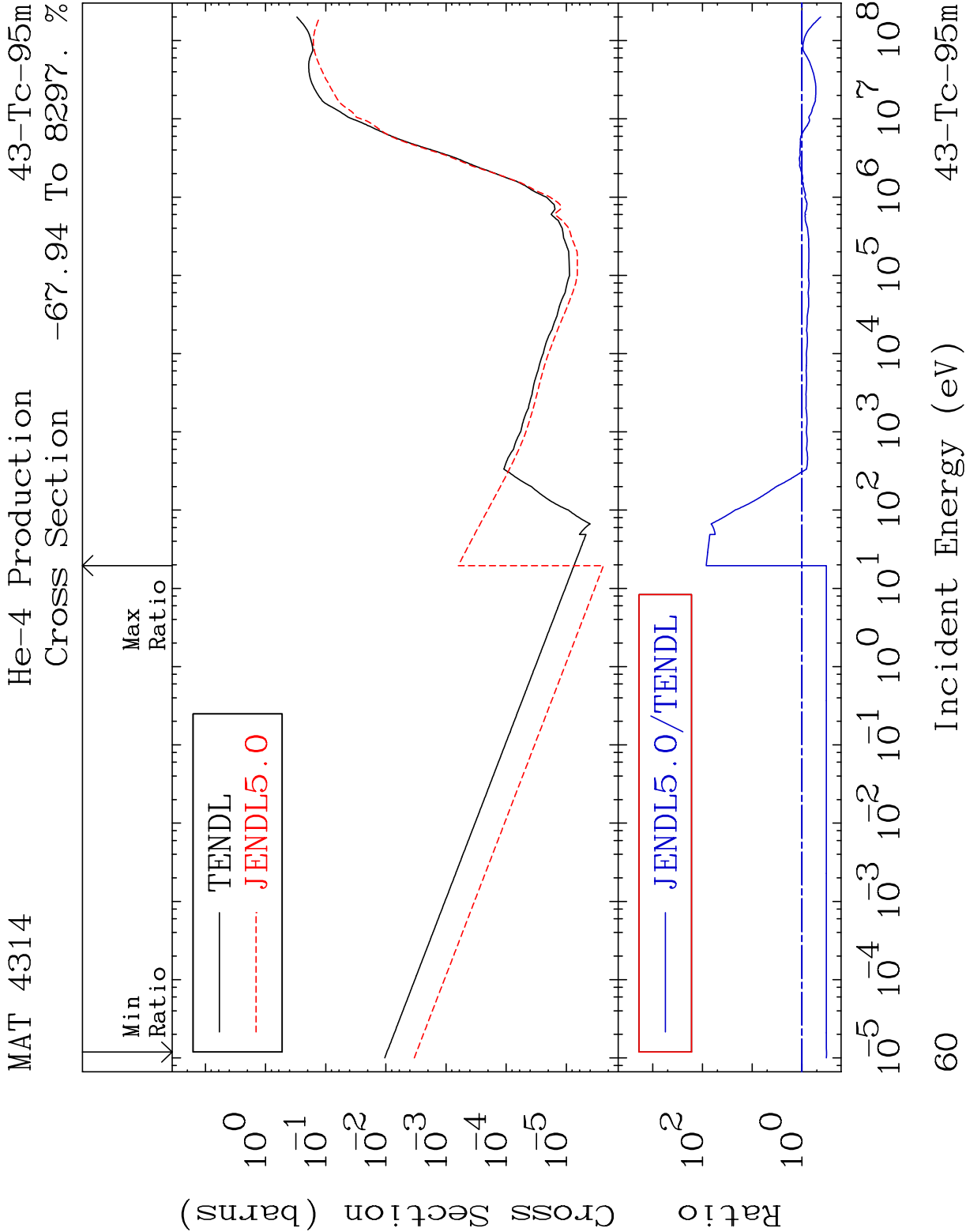


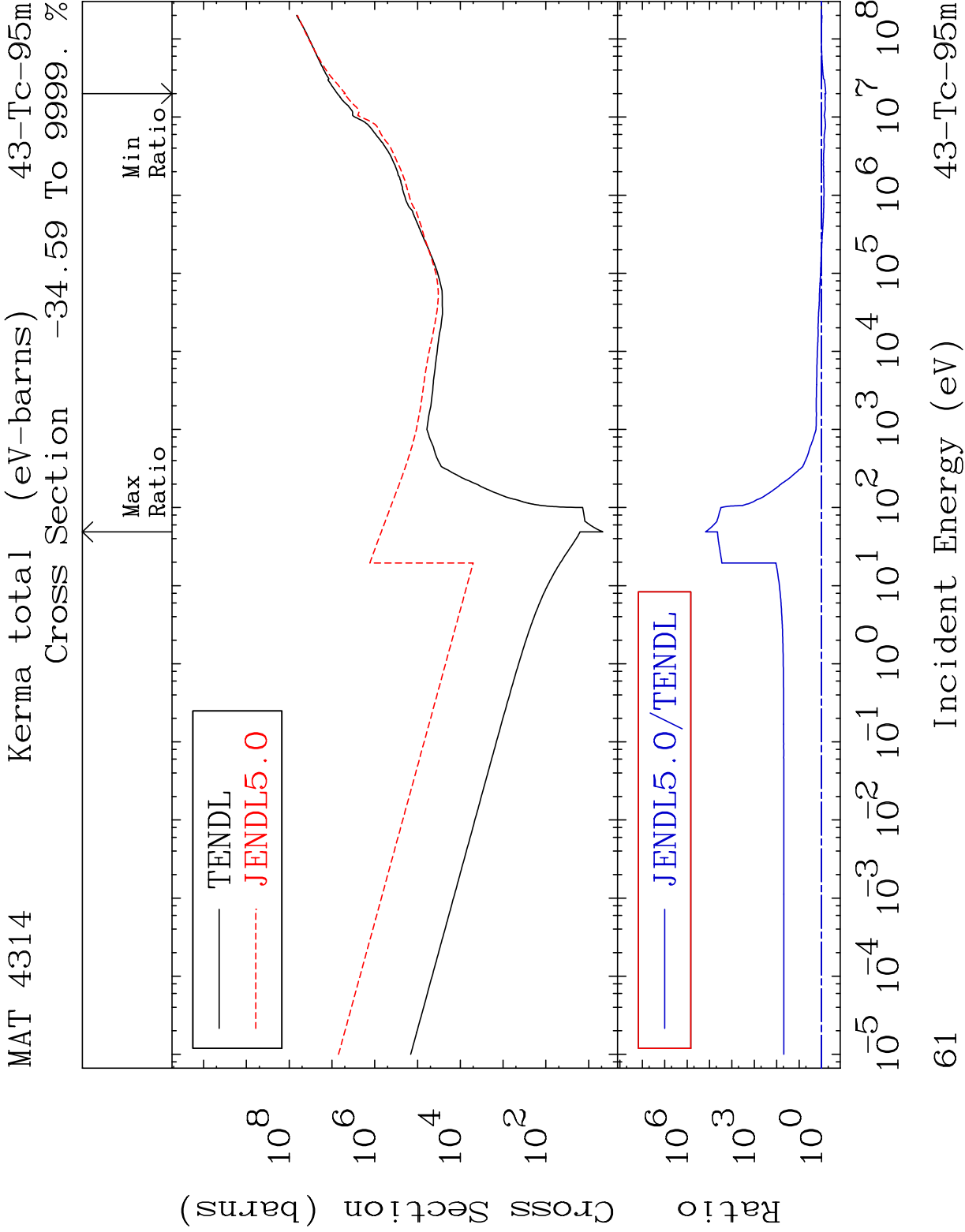
56 Incident Energy (eV) 43-Tc-95m

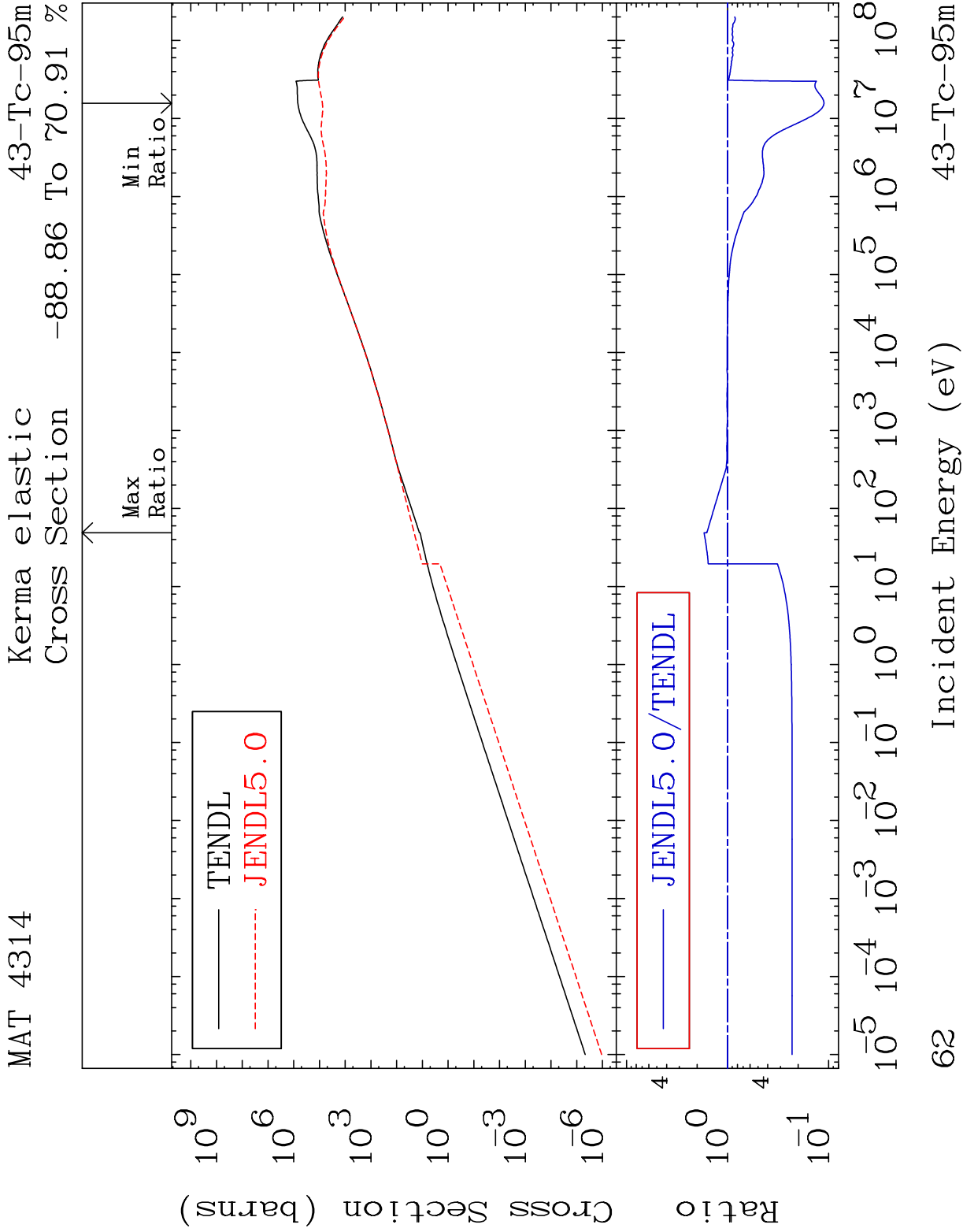






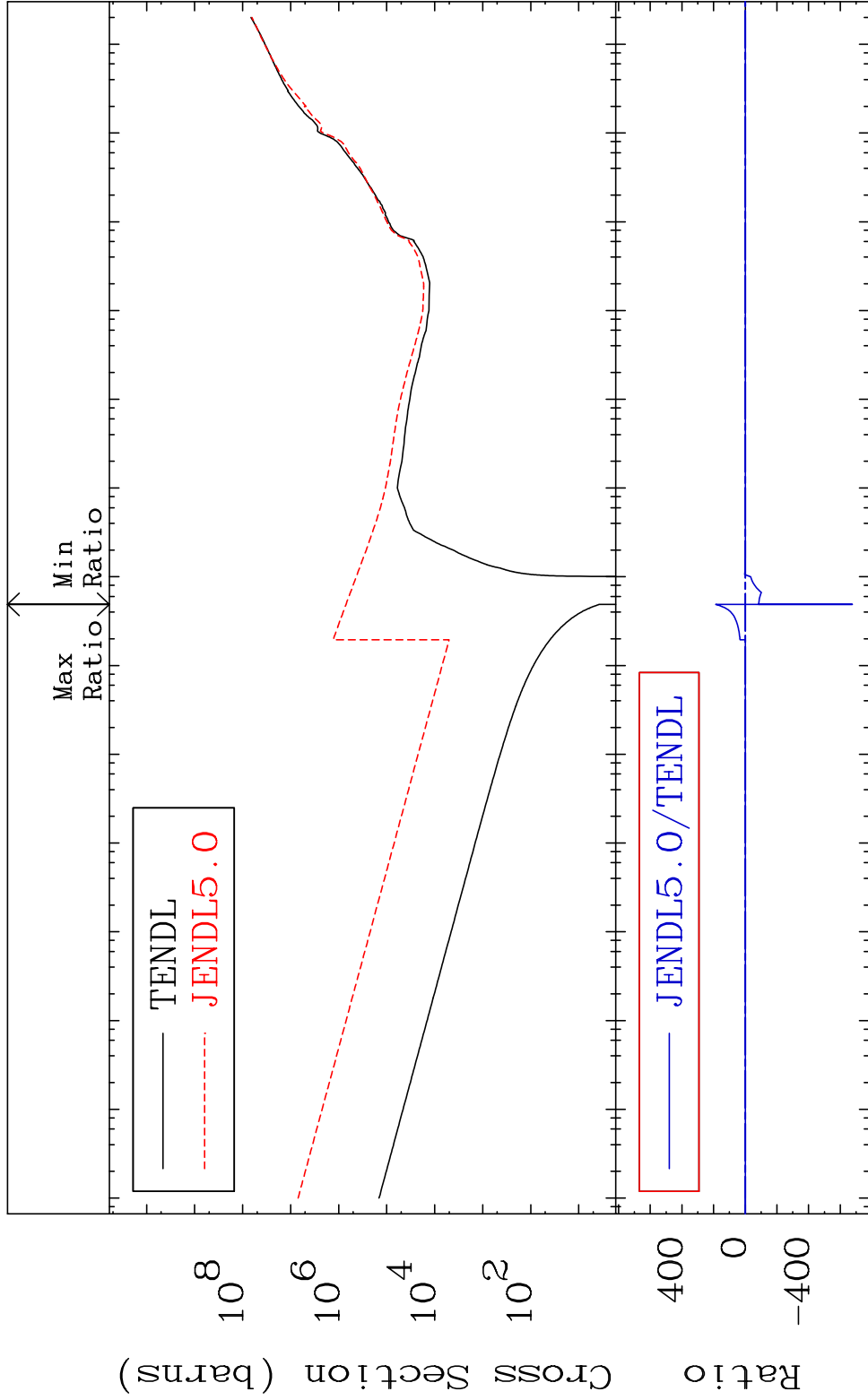




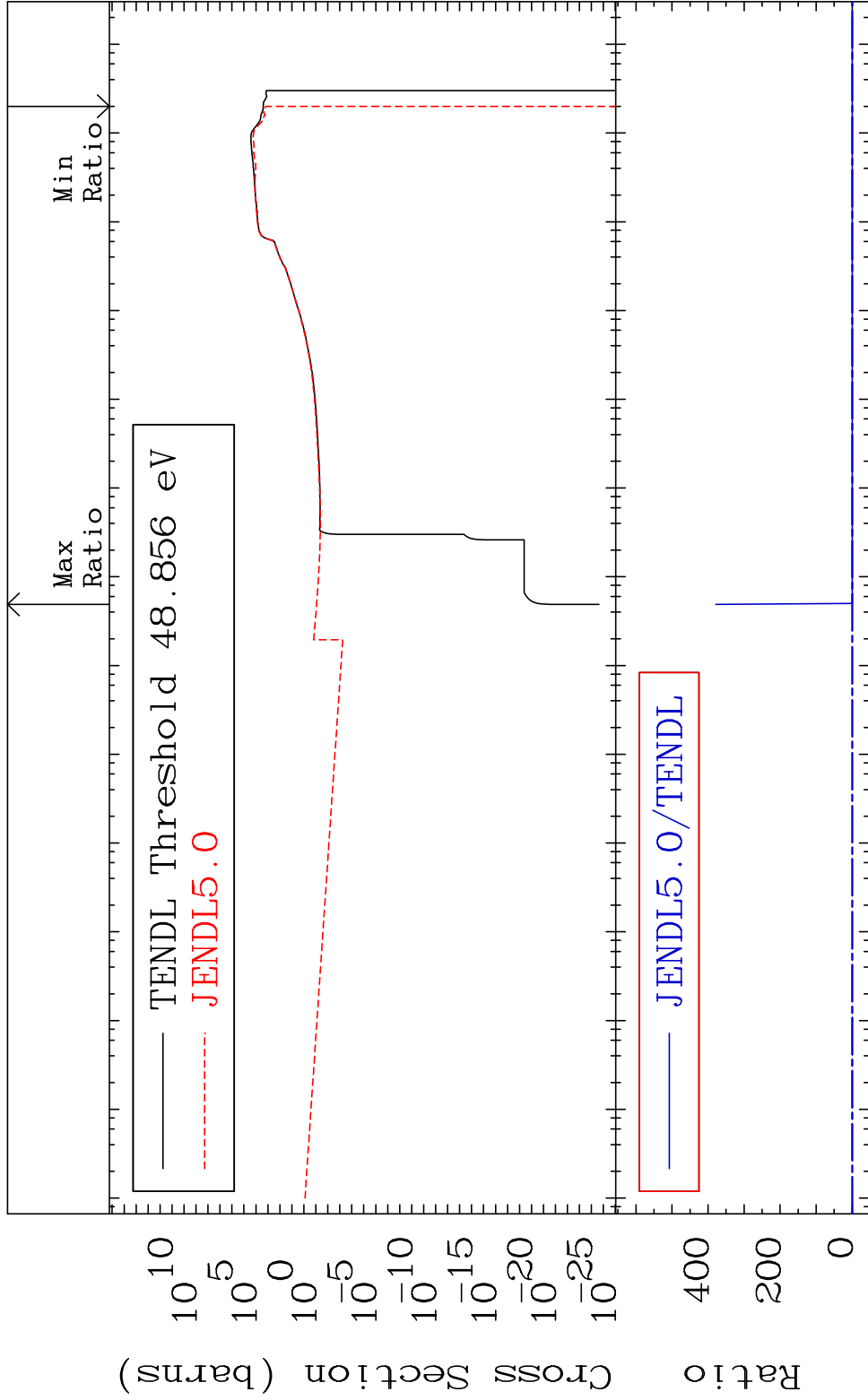


MAT 4314 Kerma non-elastic (all but mt2) 43-Tc-95m

Cross Section -9999. To 9999. %

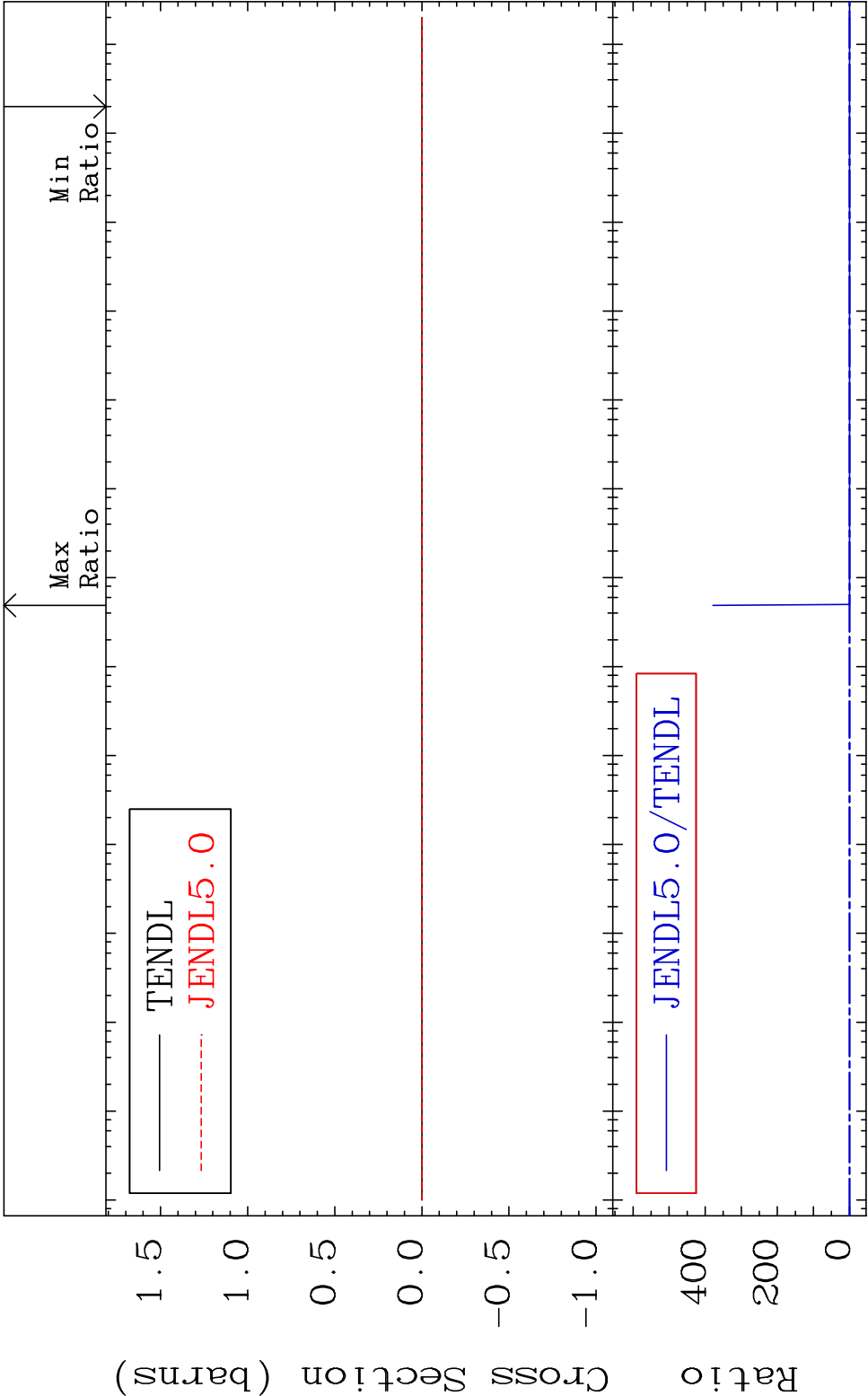


63 Incident Energy (eV) 43-Tc-95m

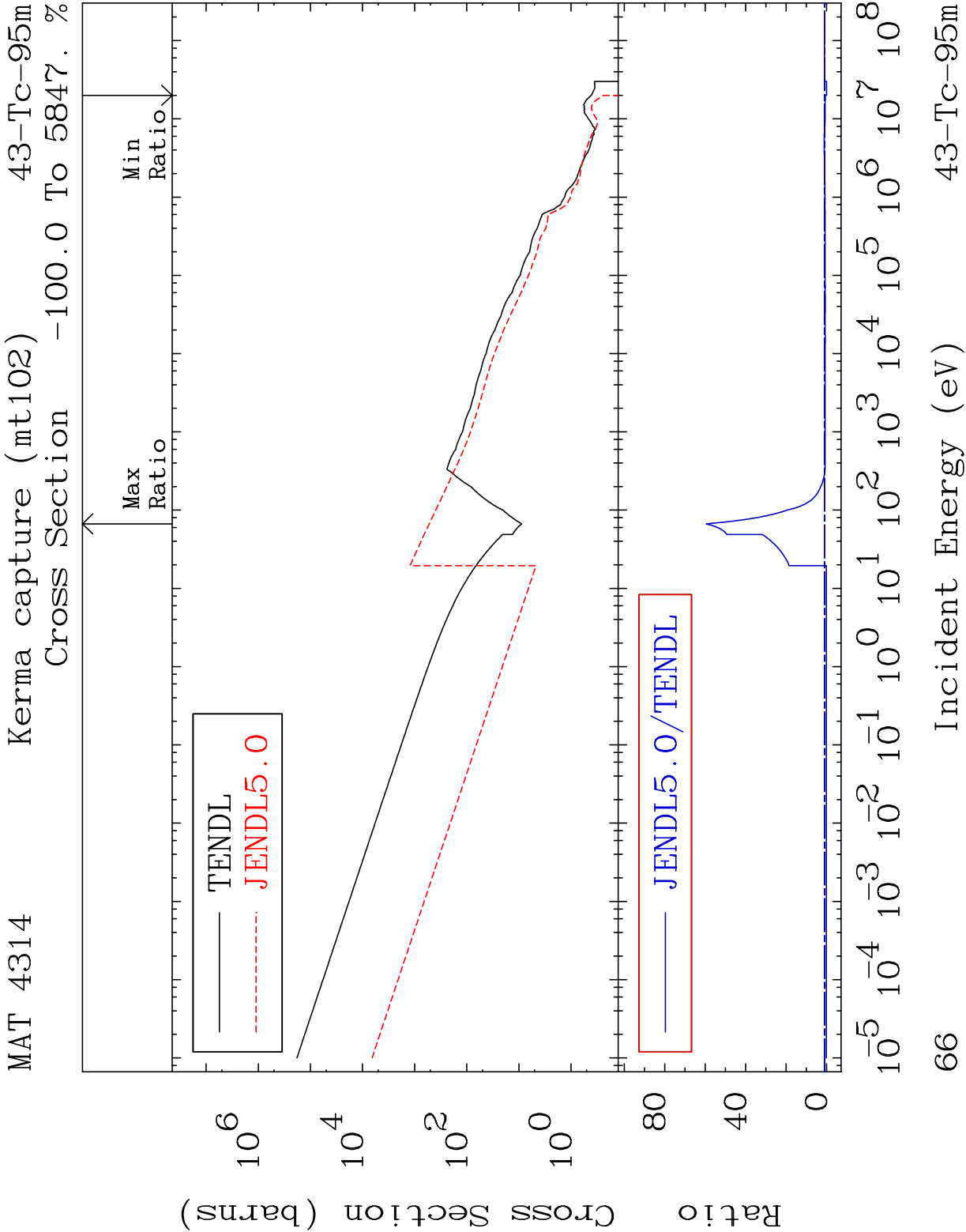


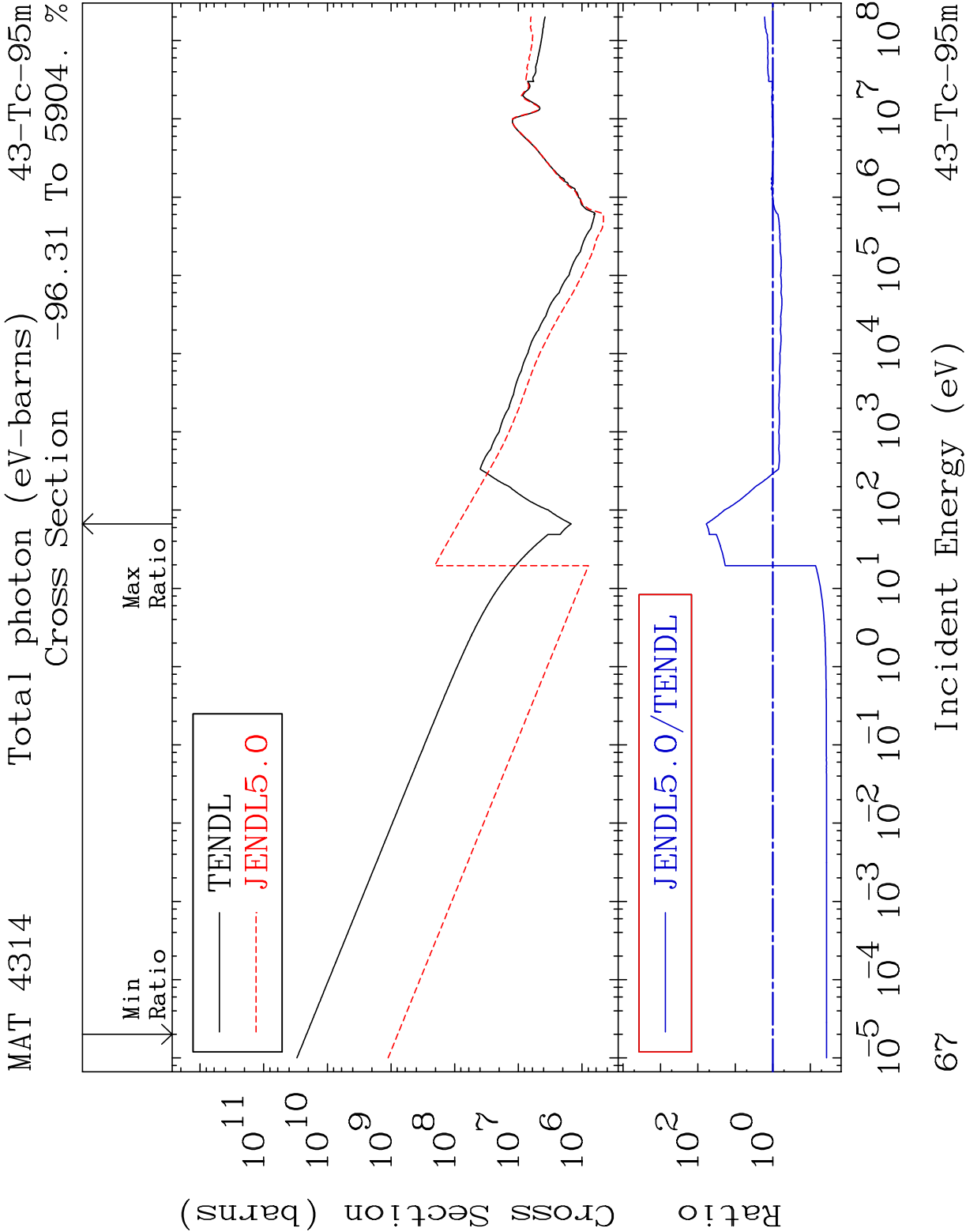
MAT 4314 Kerma fission (mt18 or mt19-20-21-38) 43-Tc-95m

Cross Section -100.0 To 9999. %

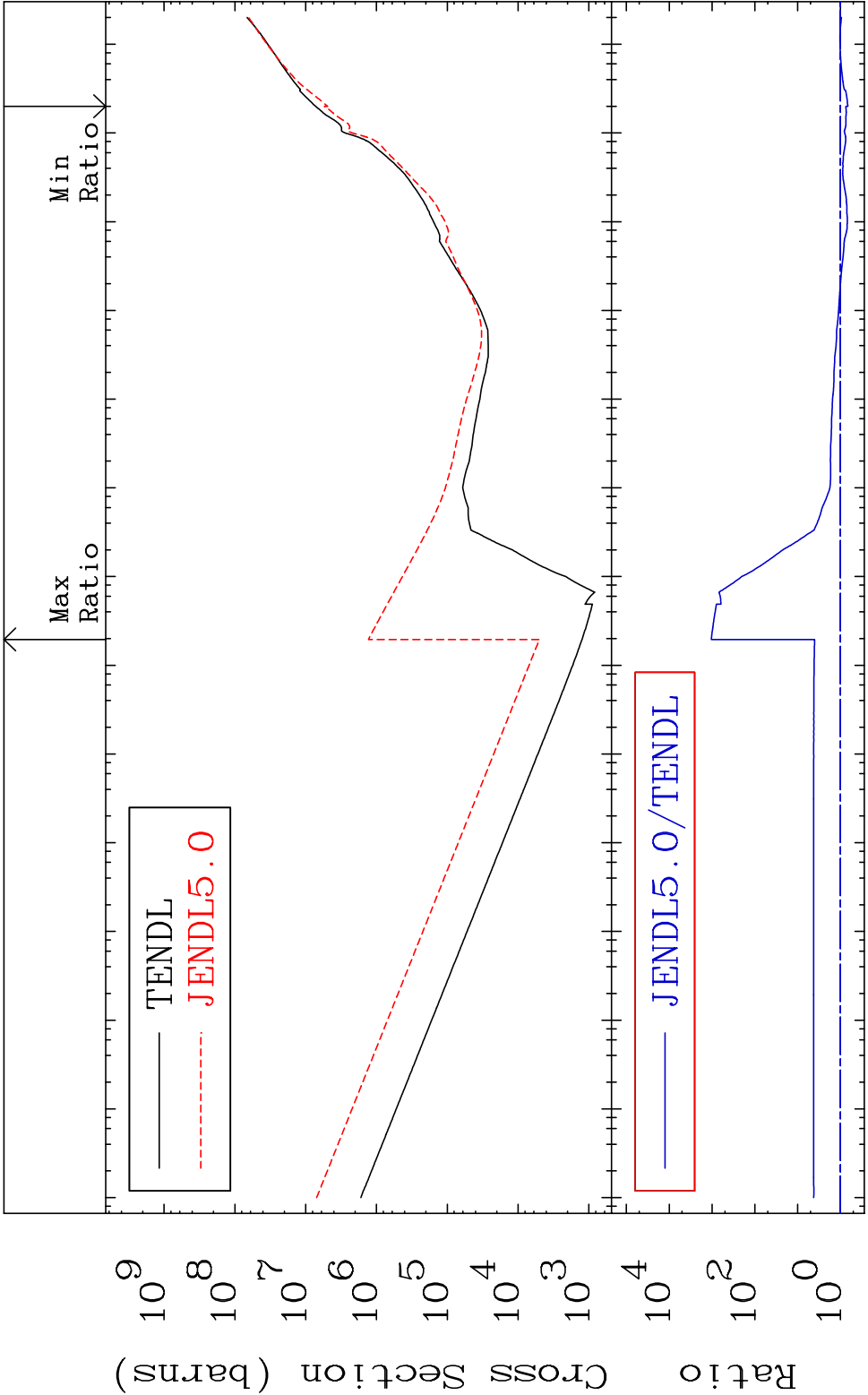


65 Incident Energy (eV) 43-Tc-95m

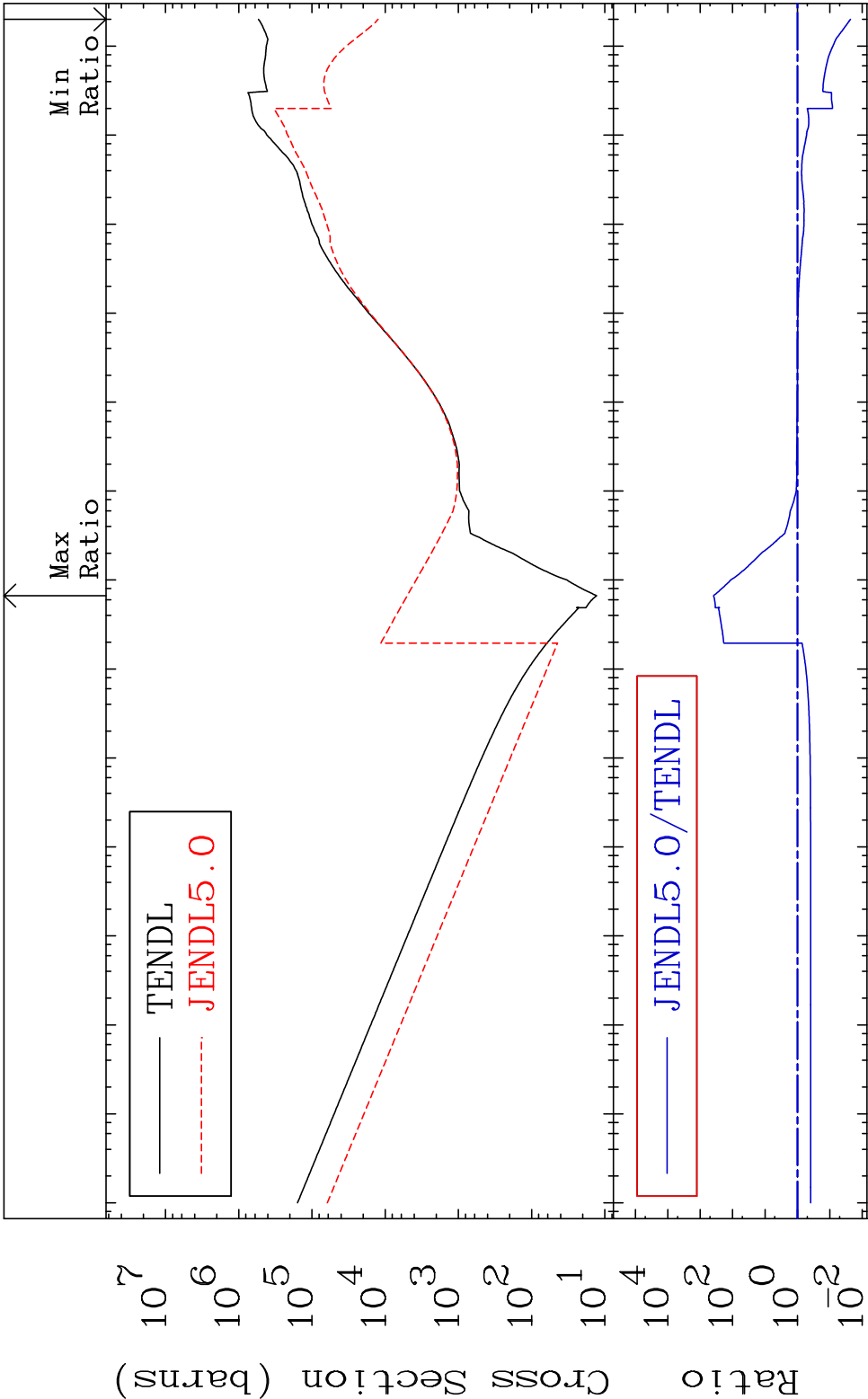




MAT 4314 Total kinematic kerma (high limit) 43-Tc-95m
Cross Section -32.47 To 9999. %



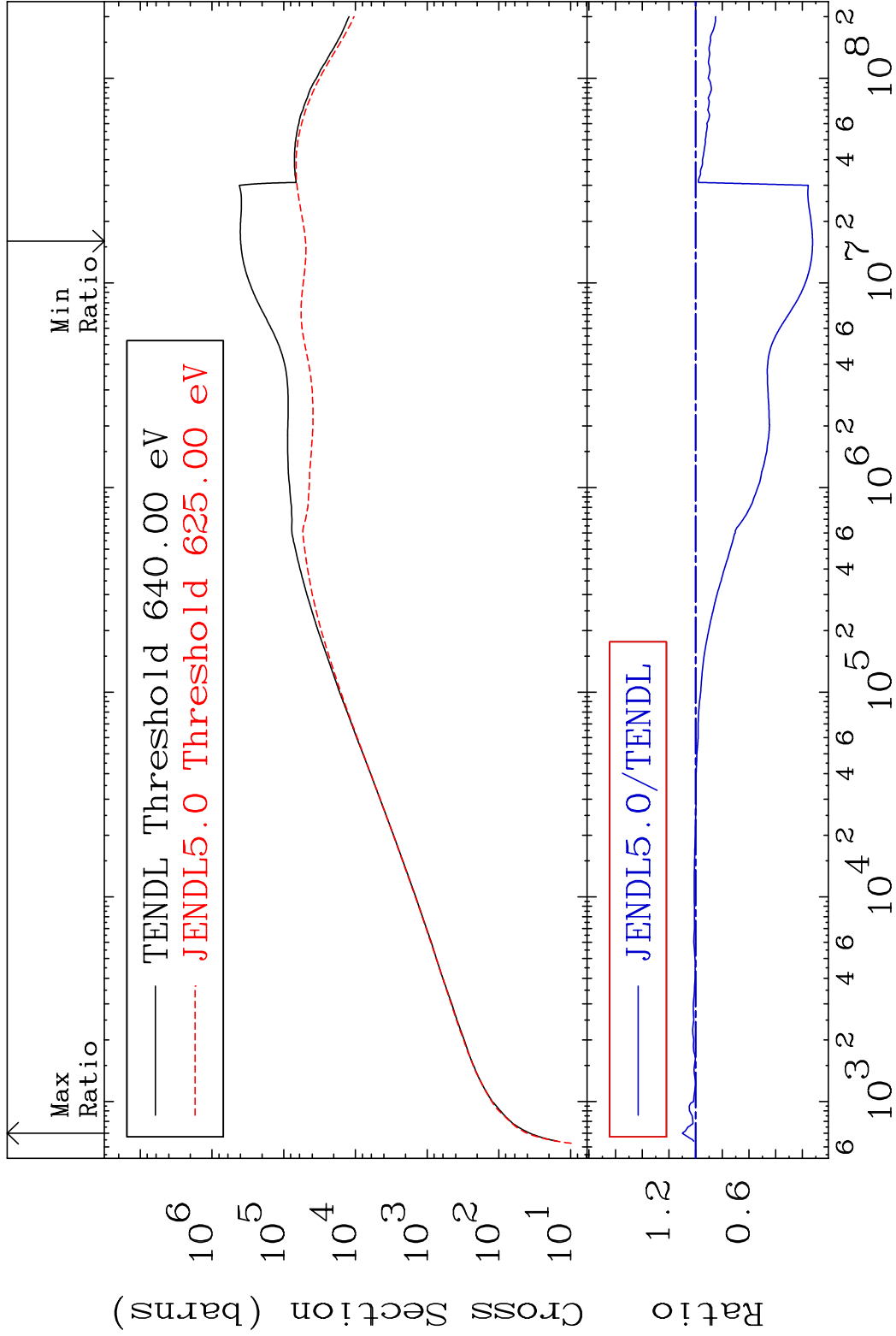
MAT 4314 Dpa total (eV-barns) 43-Tc-95m
Cross Section -97.68 To 9999. %



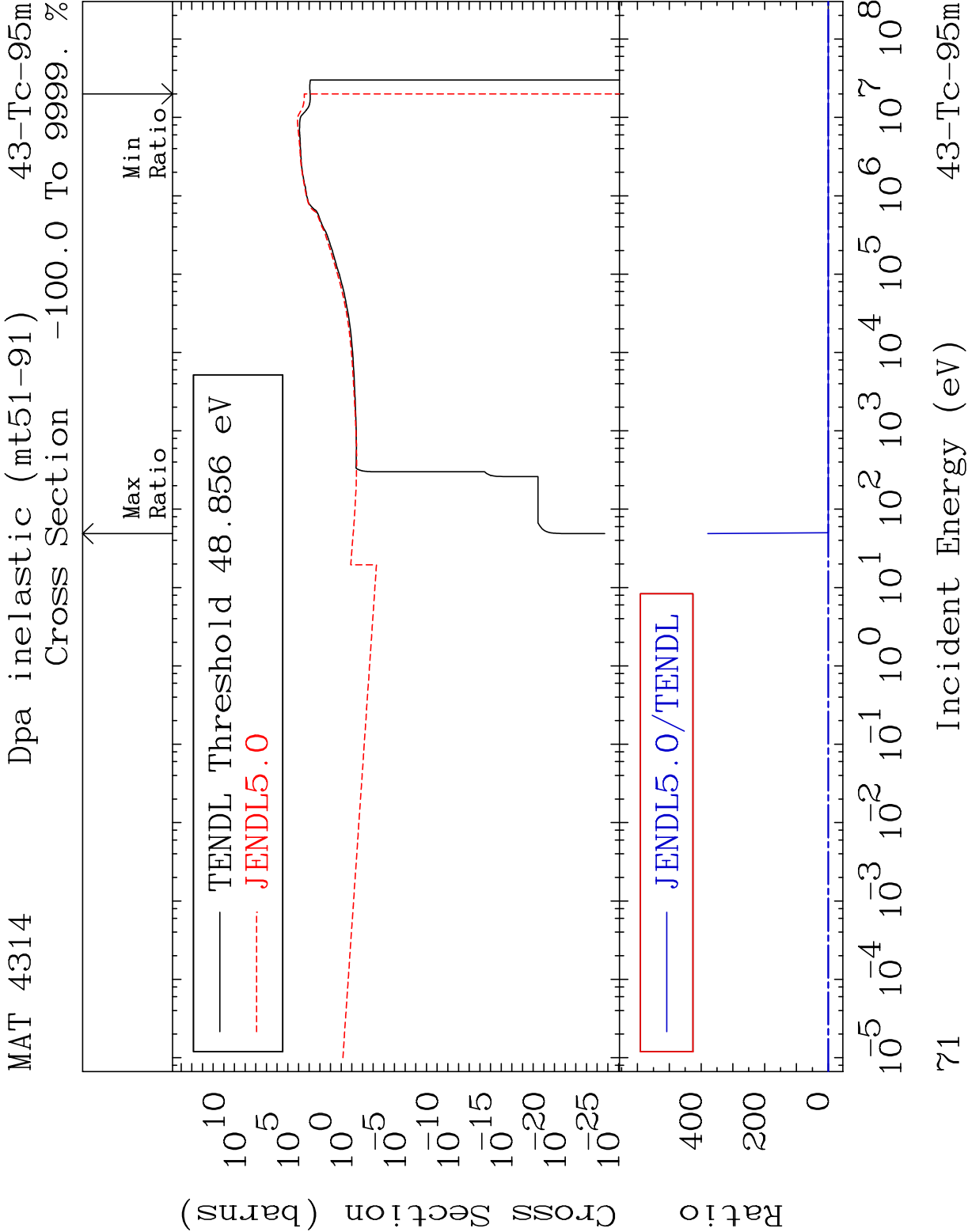
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

69 Incident Energy (eV) 43-Tc-95m

MAT 4314 Dpa elastic (mt2) 43-Tc-95m
Cross Section -87.57 To 9.995 %

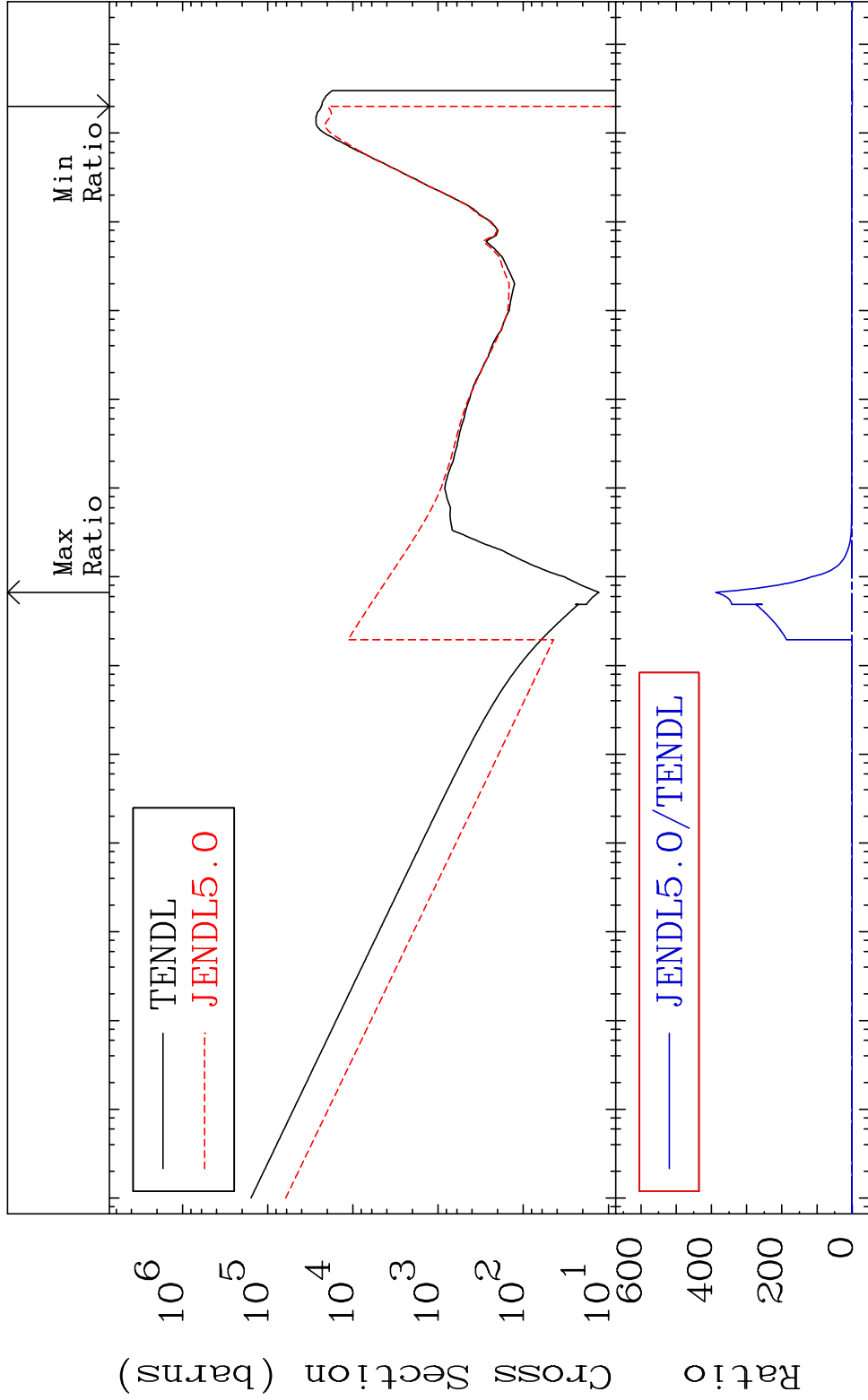


43-Tc-95m

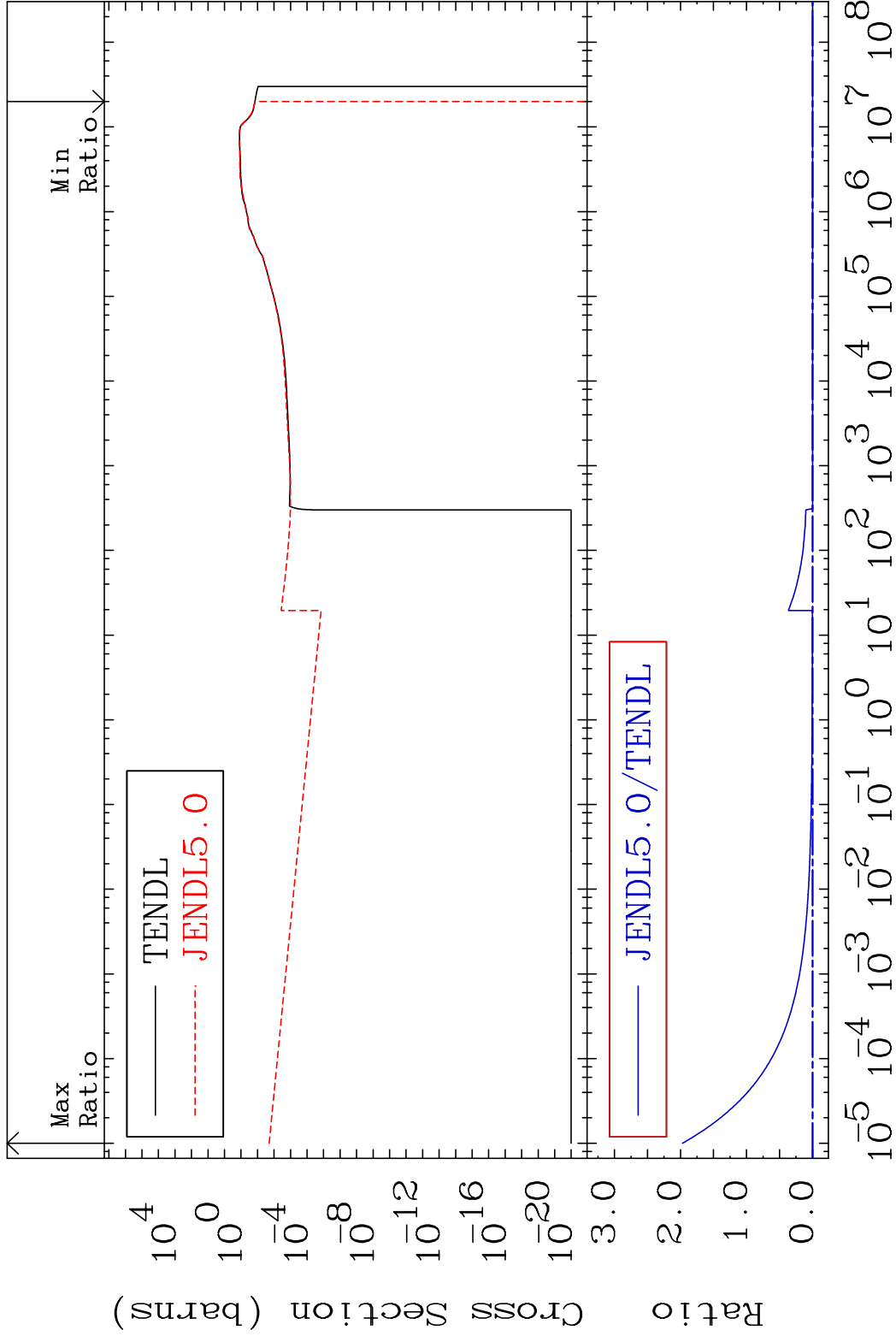


MAT 4314 Dpa disappearance (mt102 -120) 43-Tc-95m

Cross Section -100.0 To 9999. %

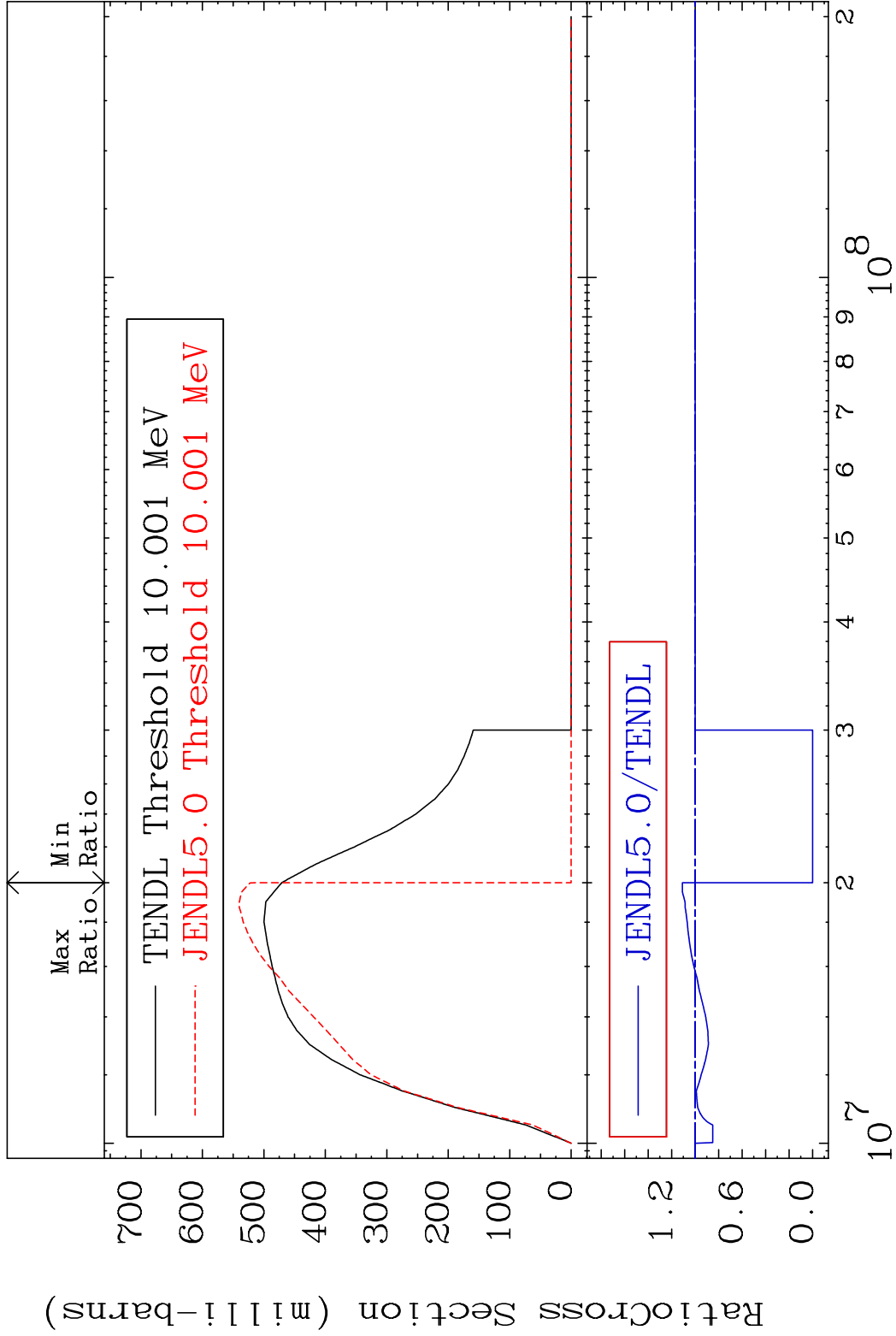


72 Incident Energy (eV) 43-Tc-95m

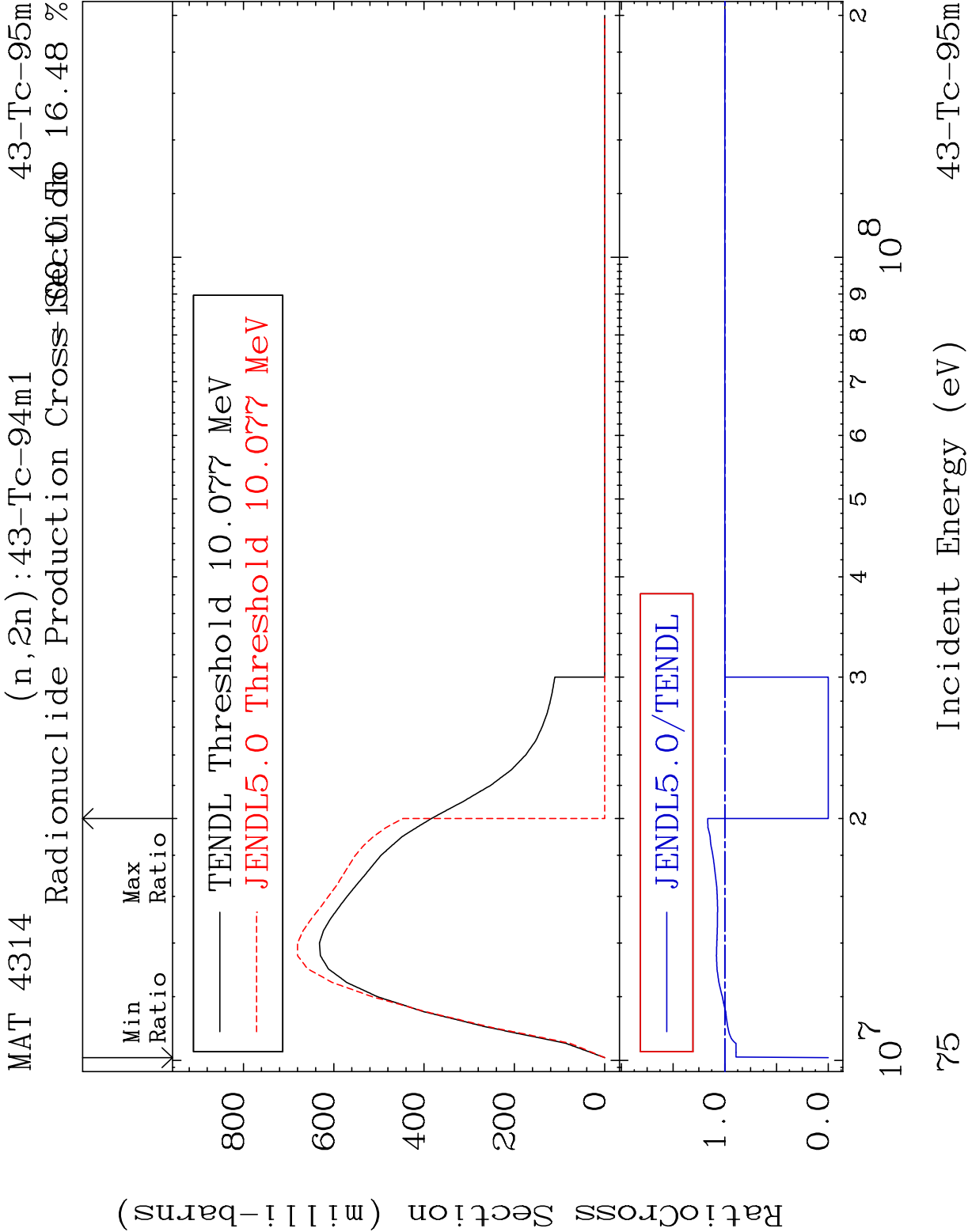


MAT 4314 (n,2n):43-Tc-94g 43-Tc-95m

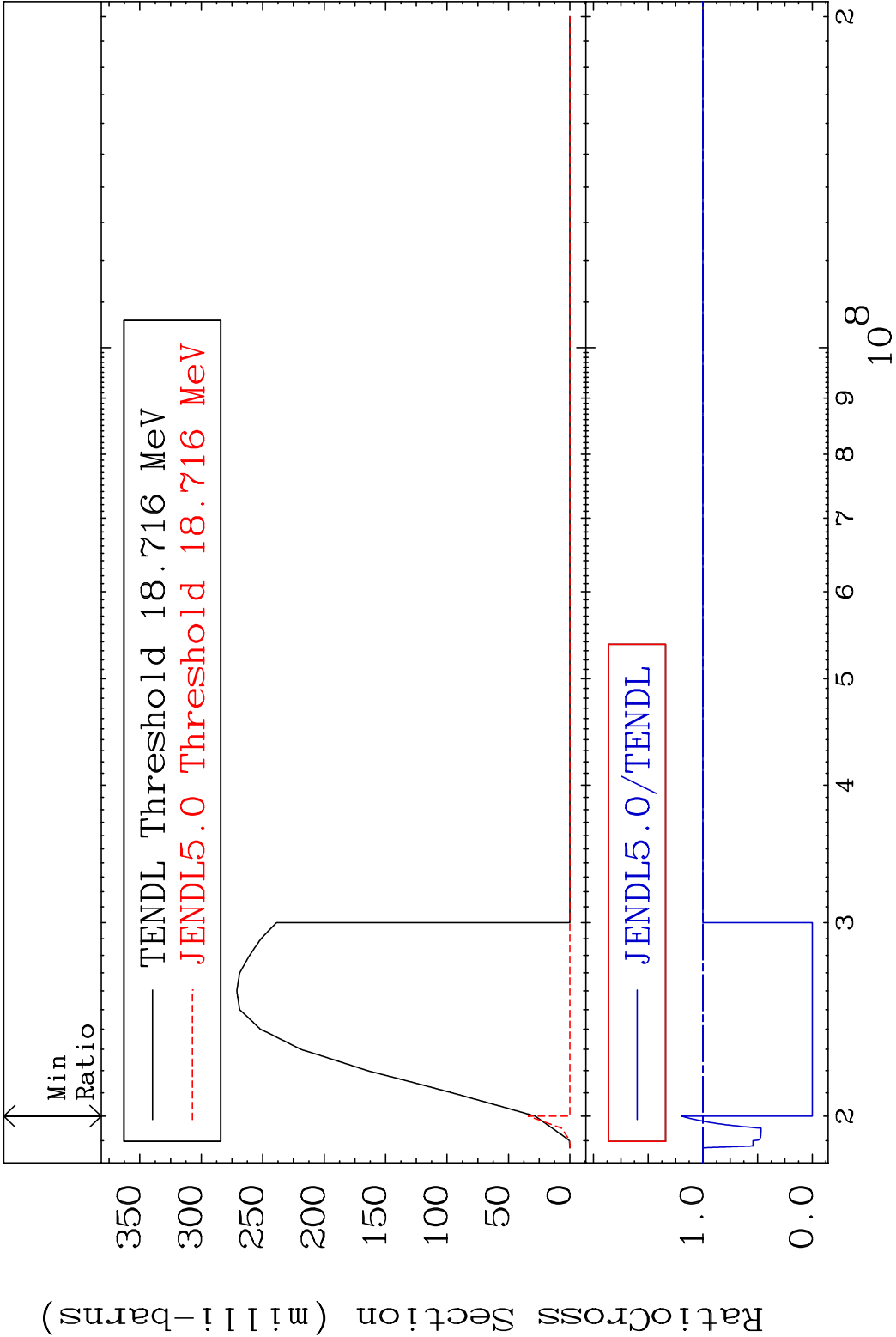
Radionuclide Production Cross Section (mb)

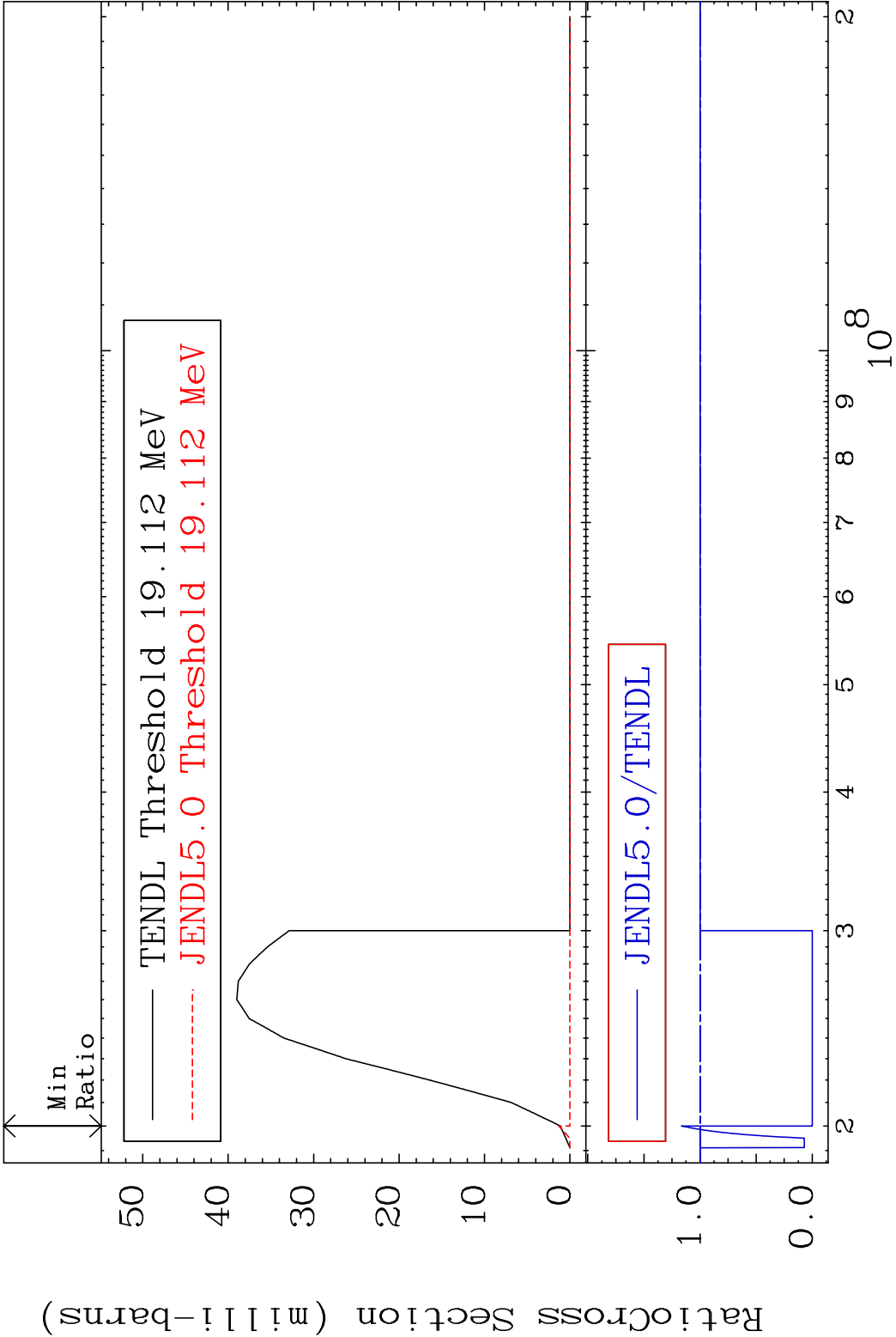


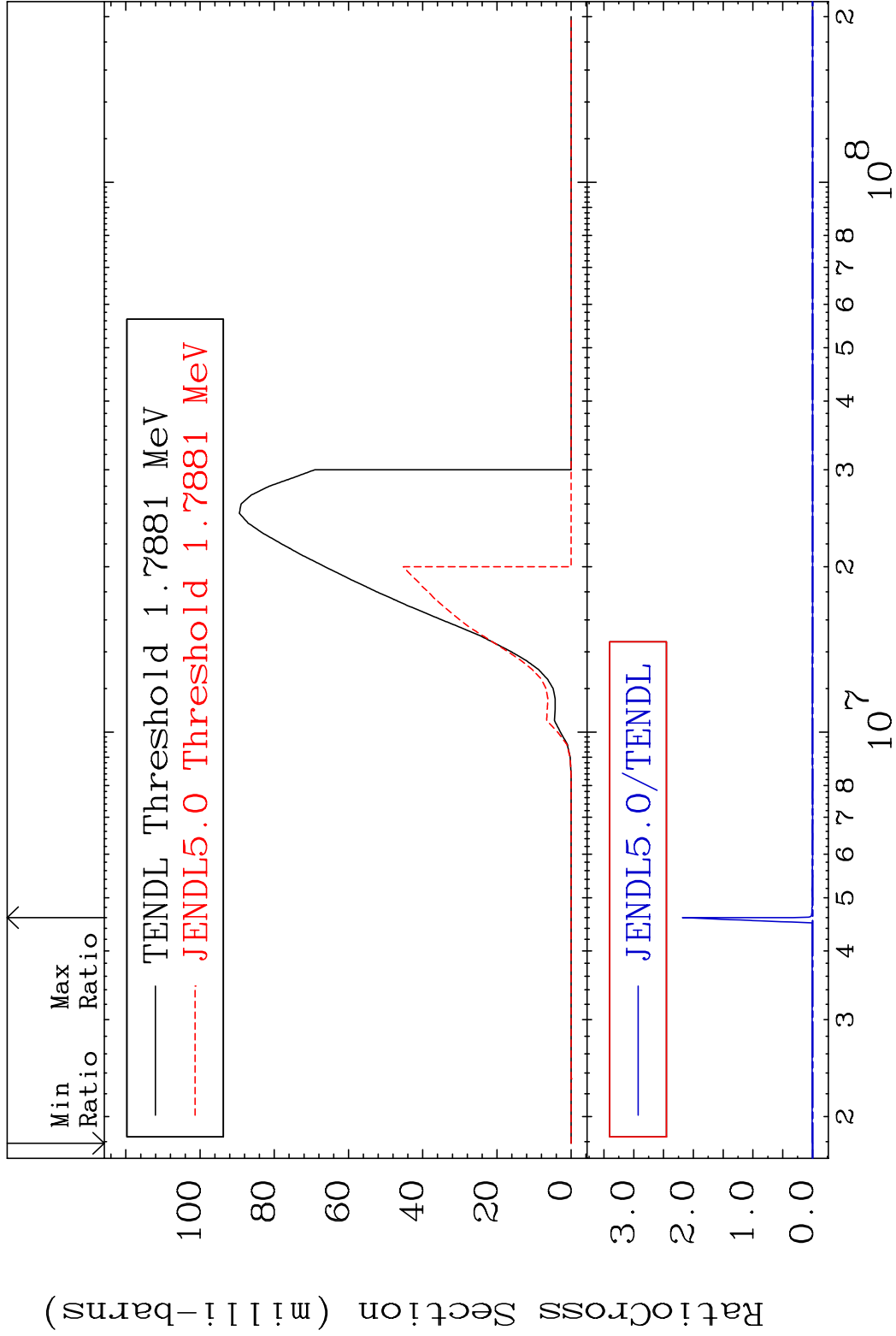
74 Incident Energy (eV) 43-Tc-95m



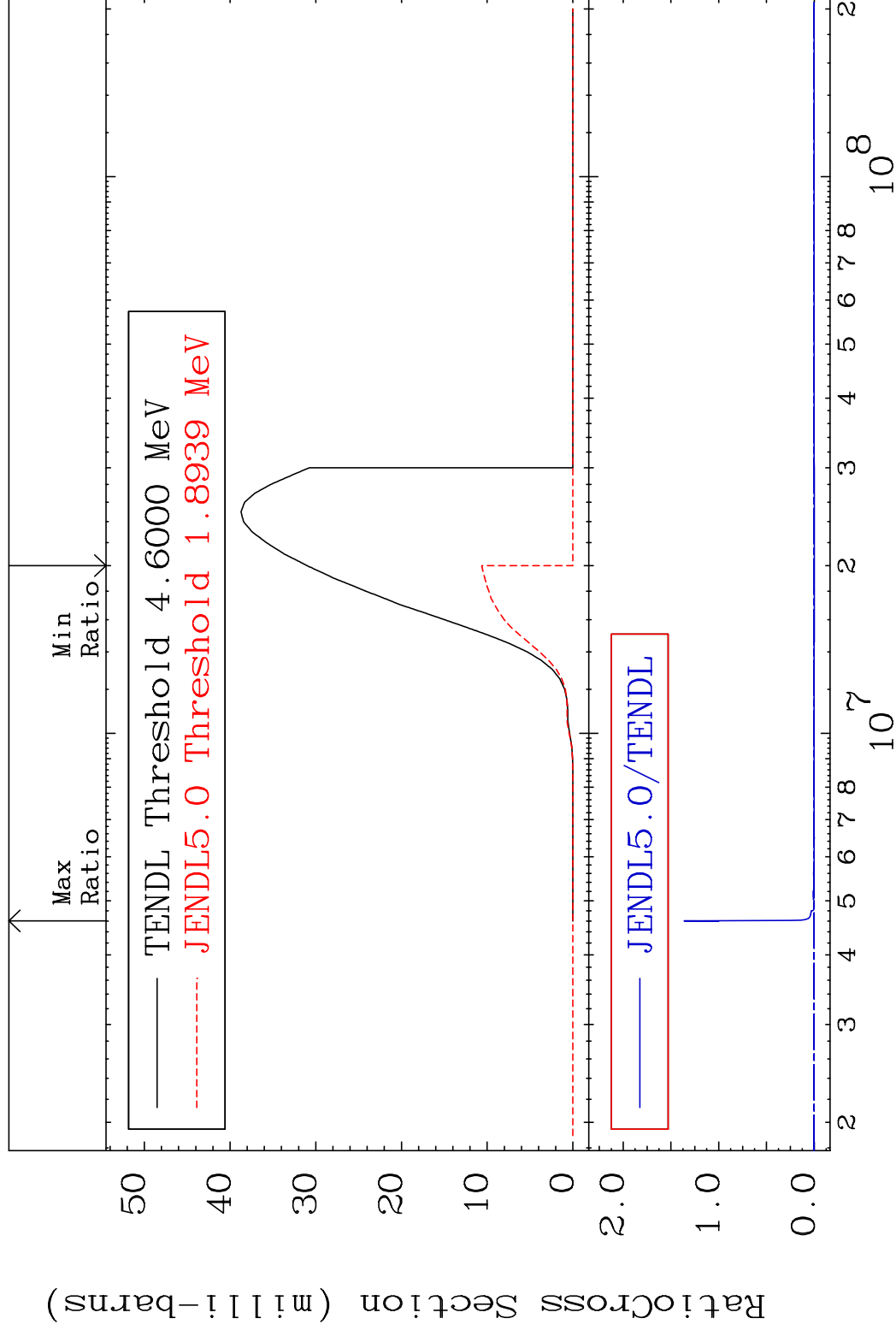
RatioCross Section (milli-barns)



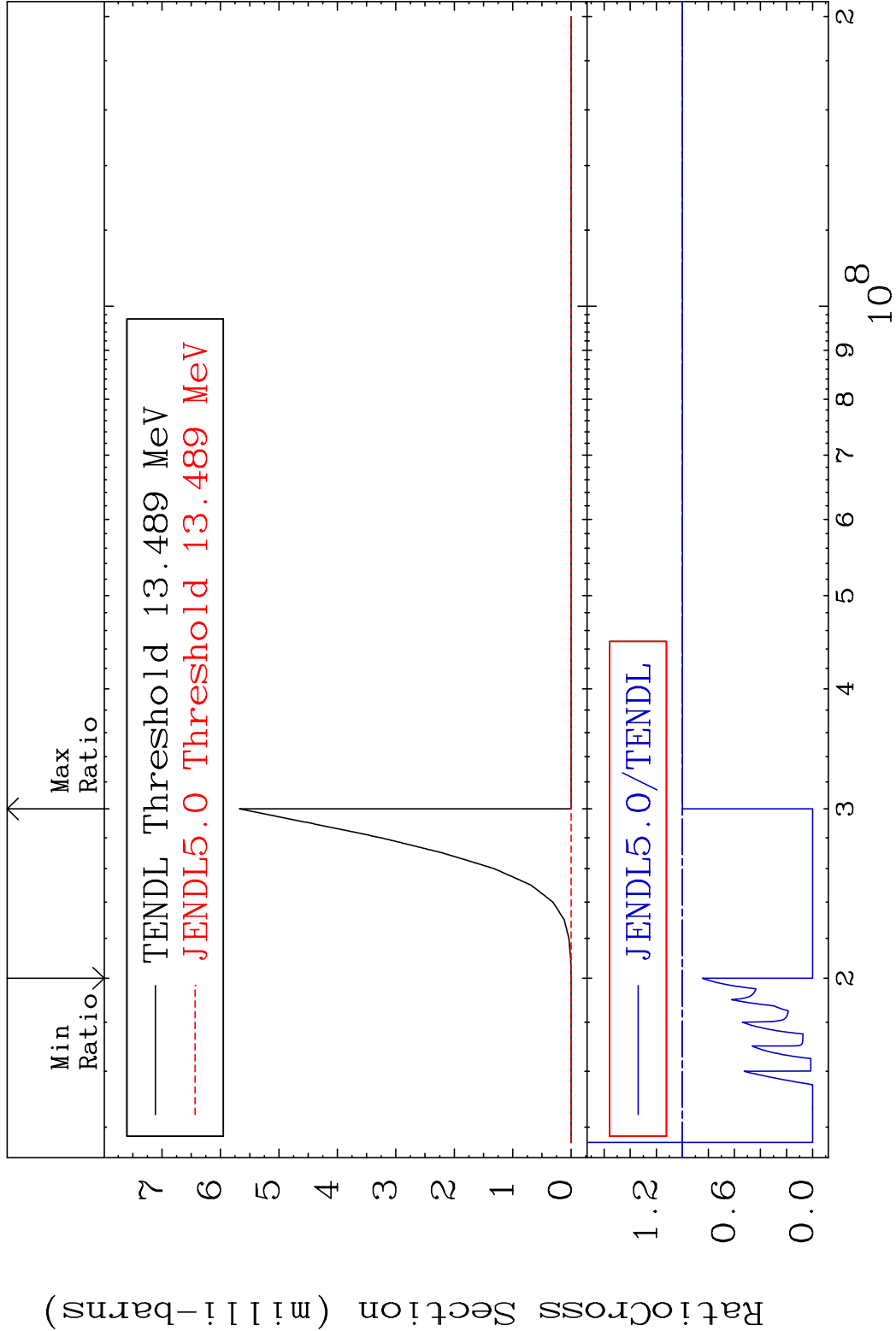


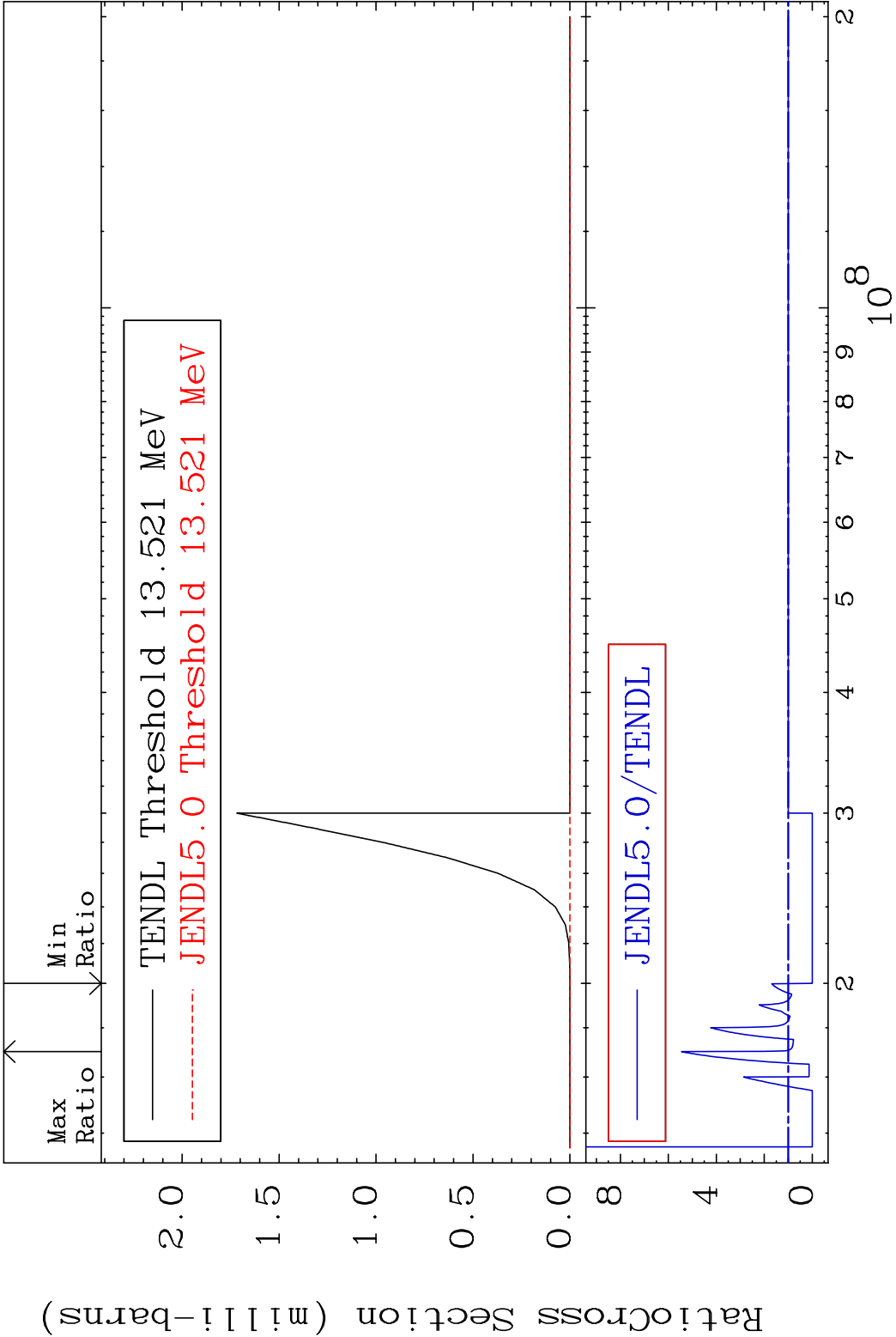


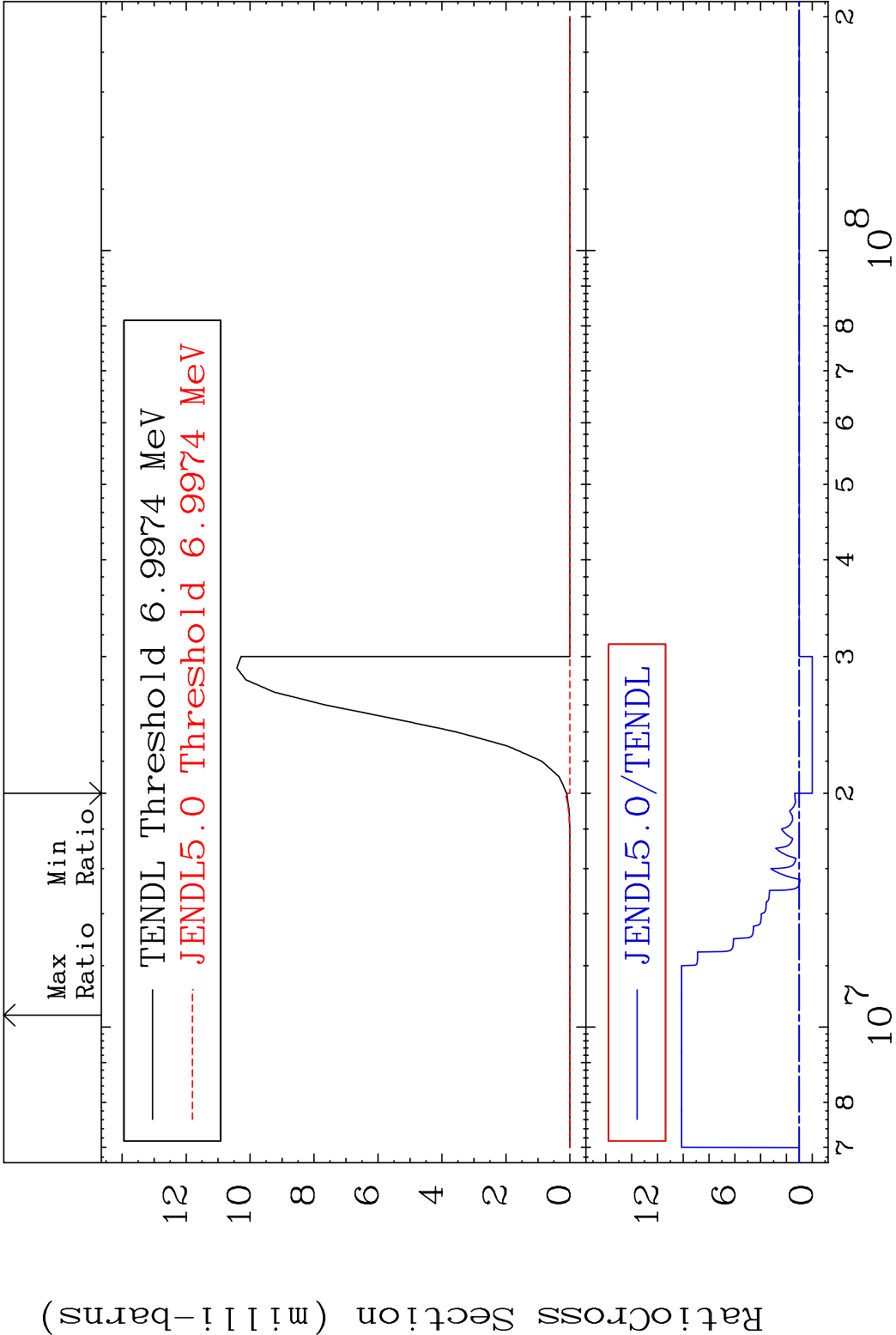
MAT	4314	(n, n')	α : 41-Nb-91m1	43-Tc-95m
			Radionuclide Production Cross-Section	9999. %

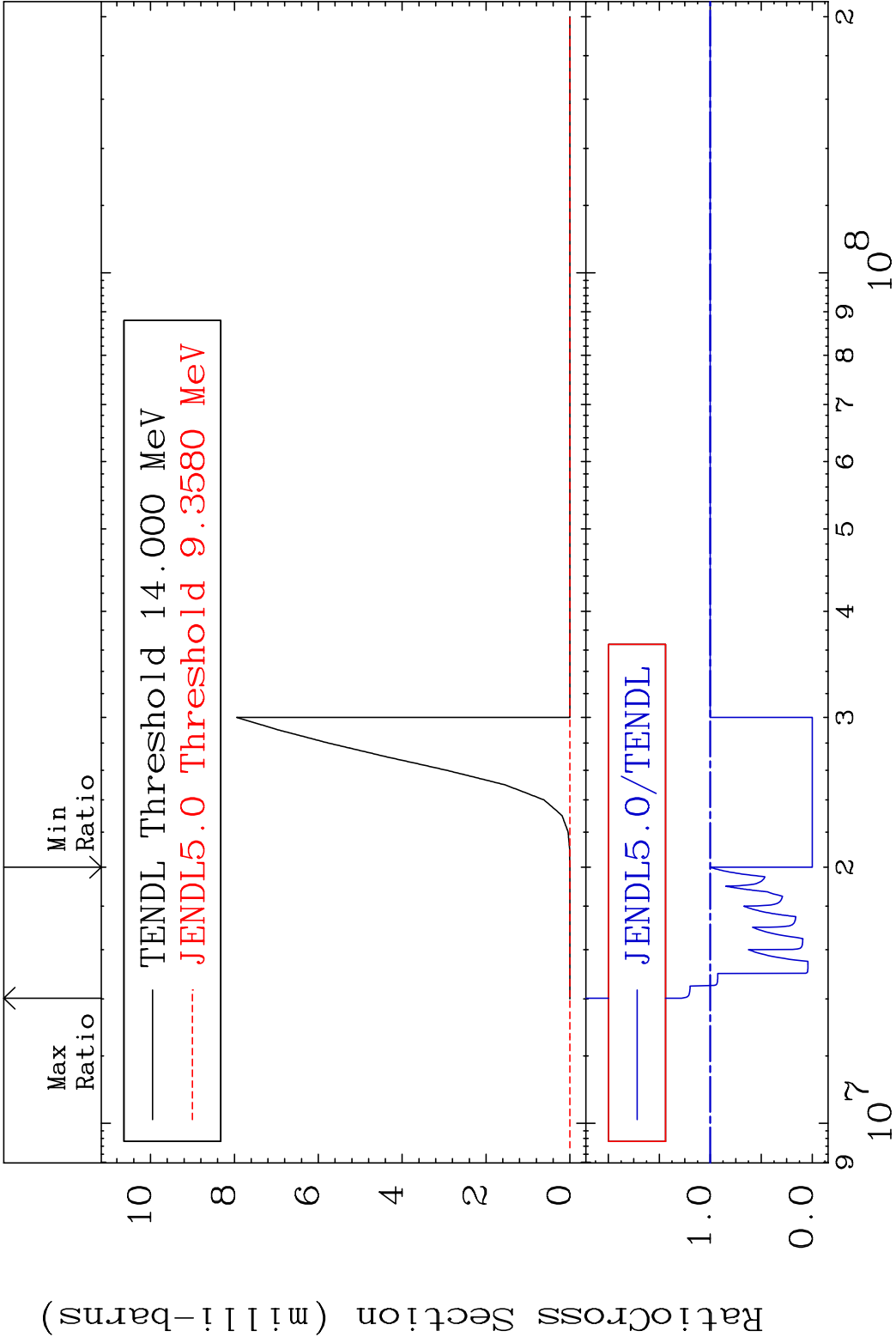


Radionuclide Production Cross Section (mb)

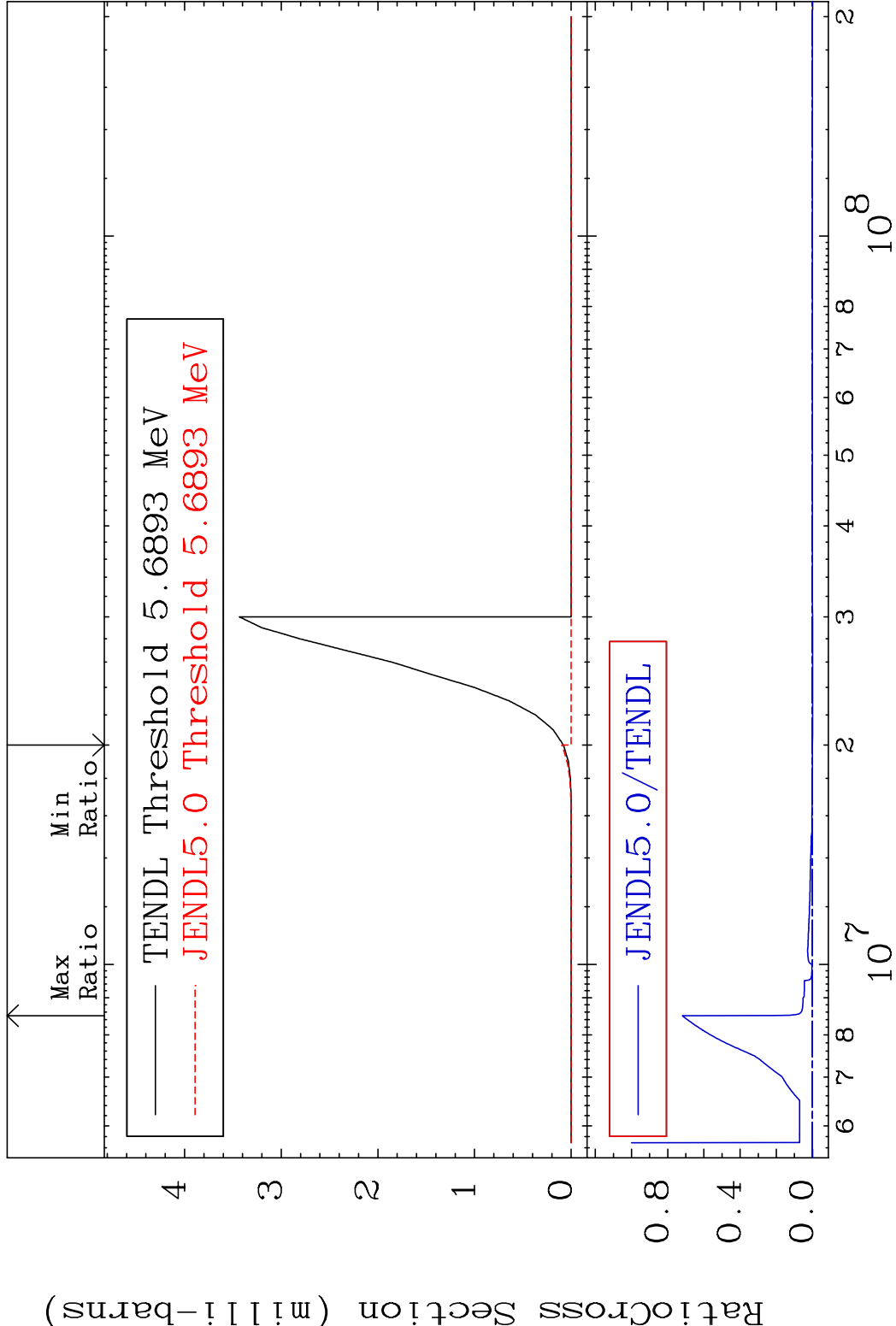


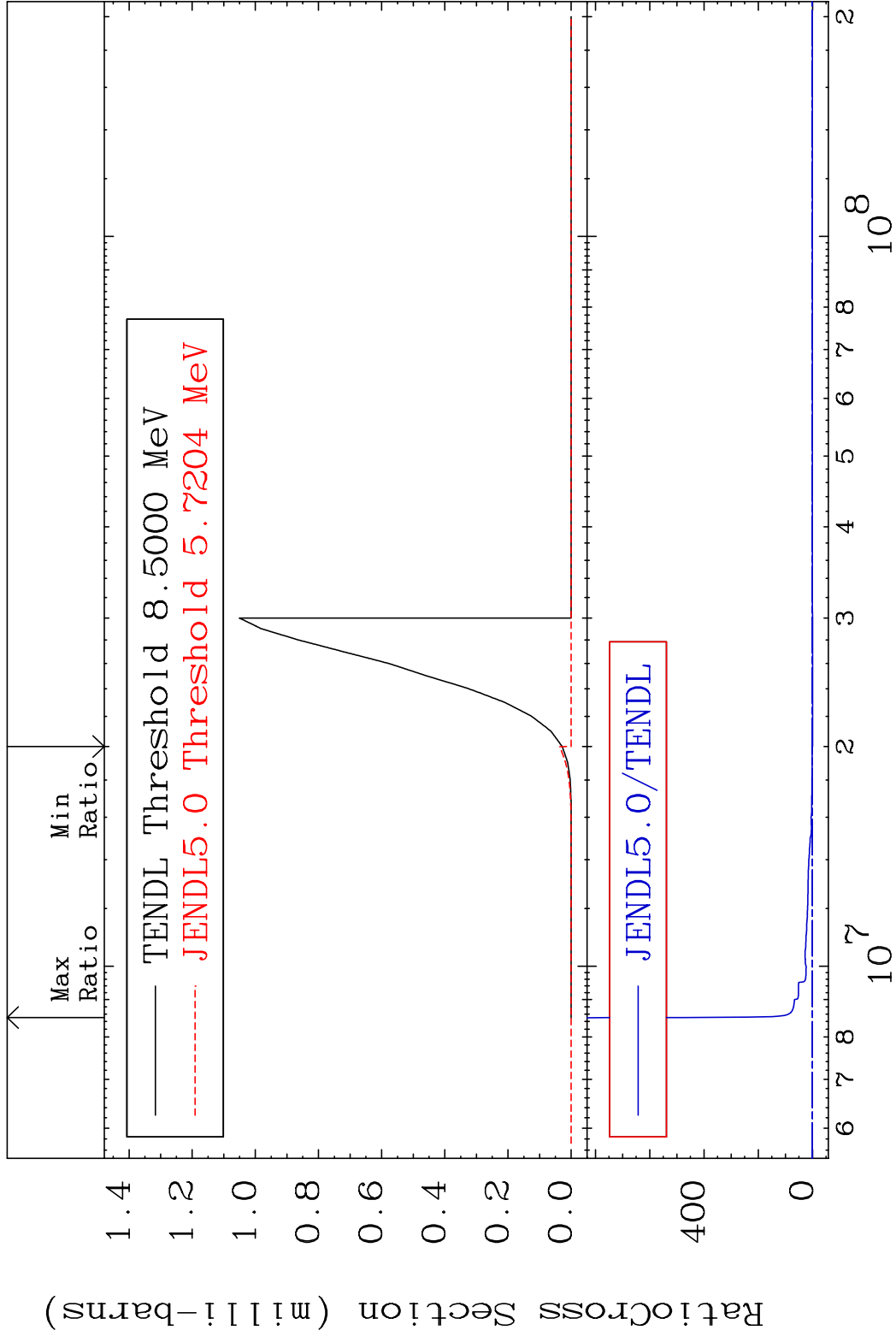


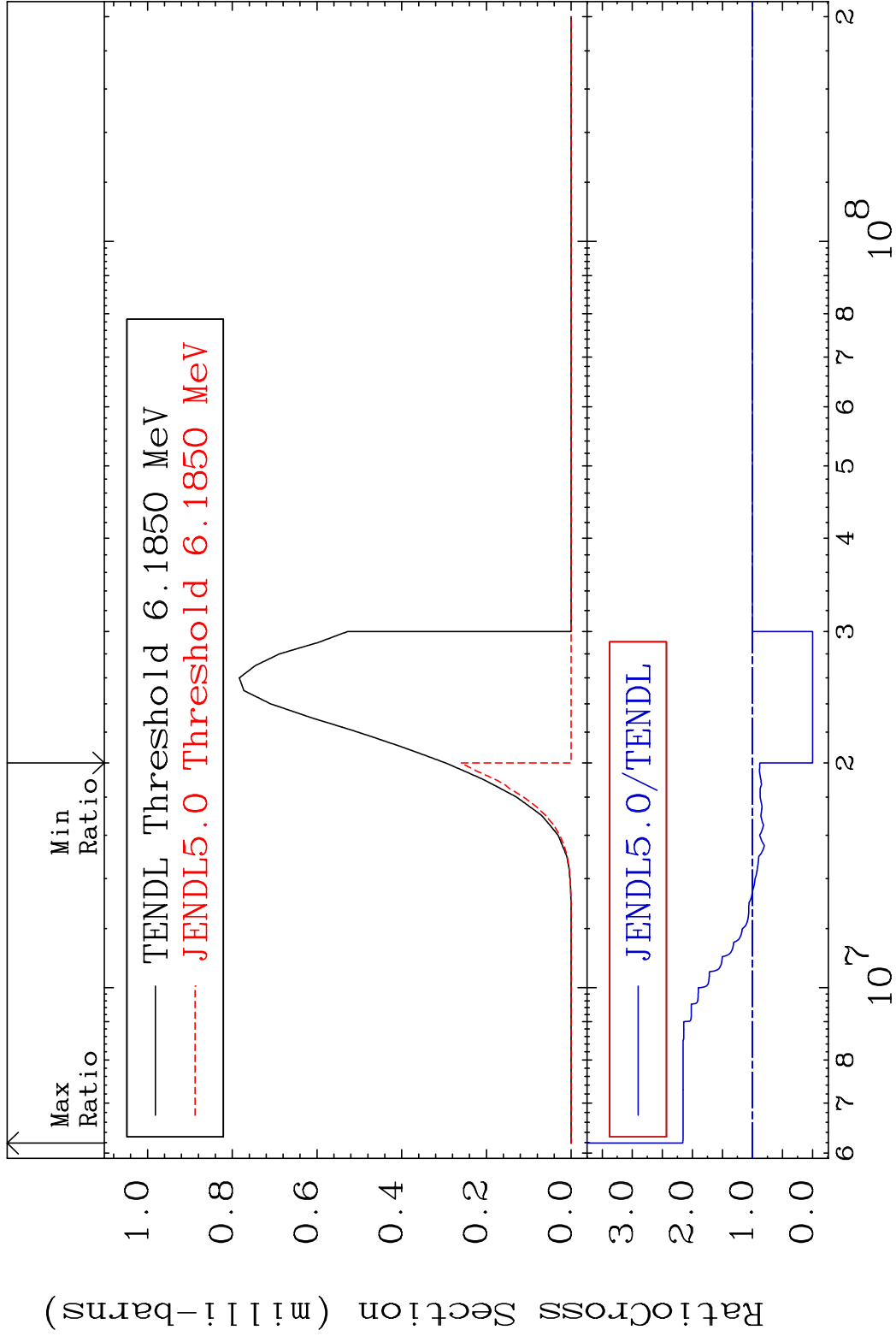


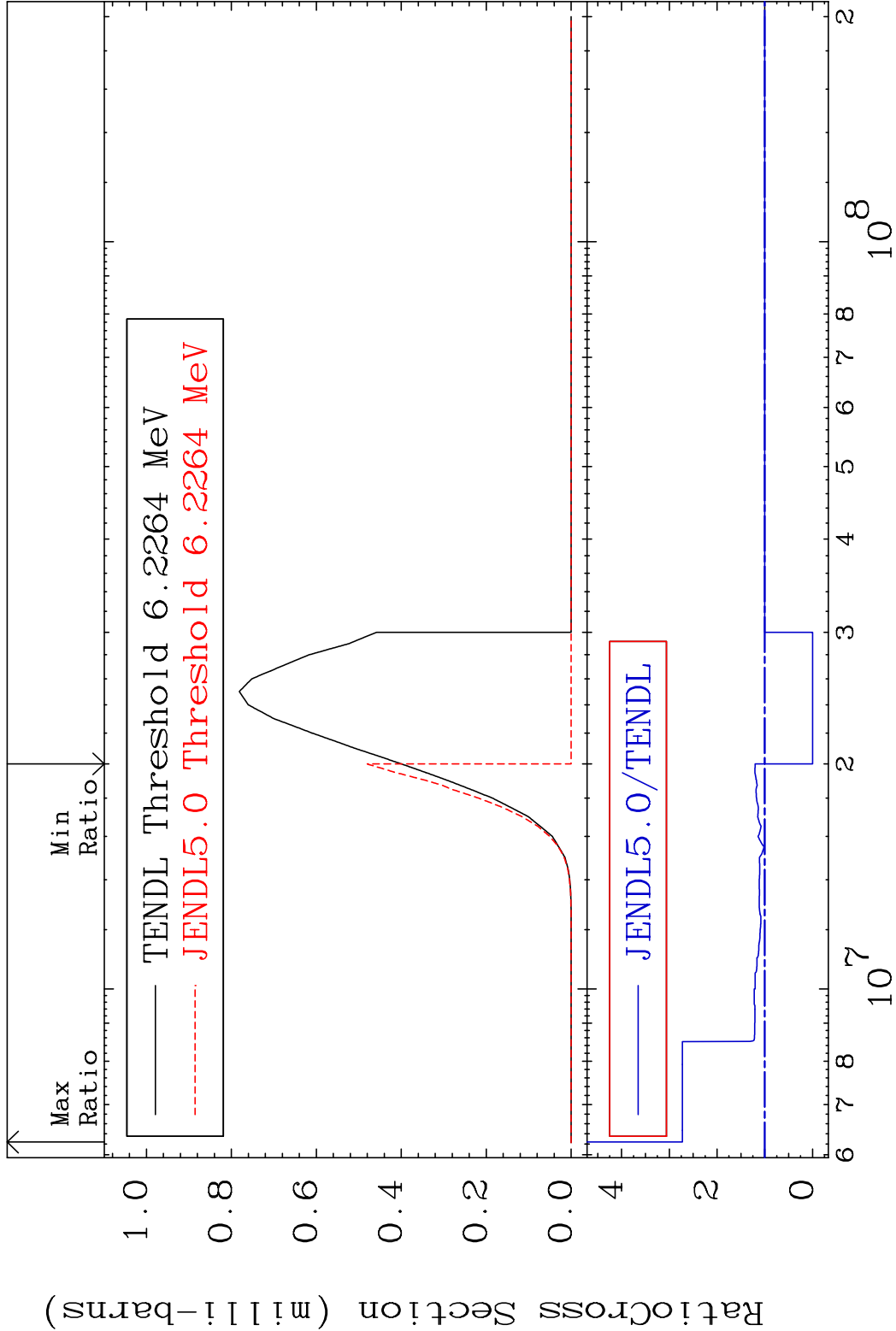


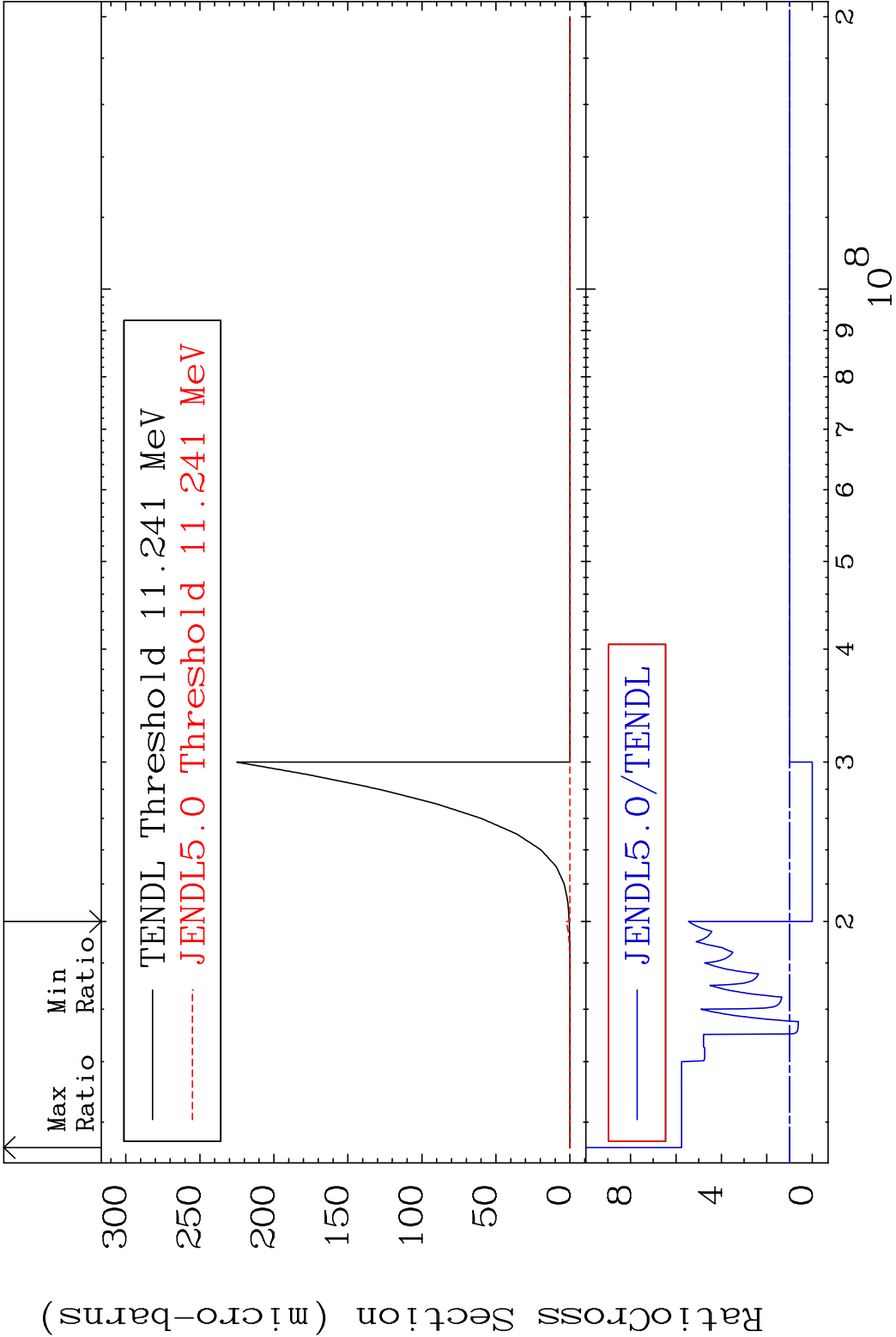
Radionuclide Production Cross Section (milli-barns)

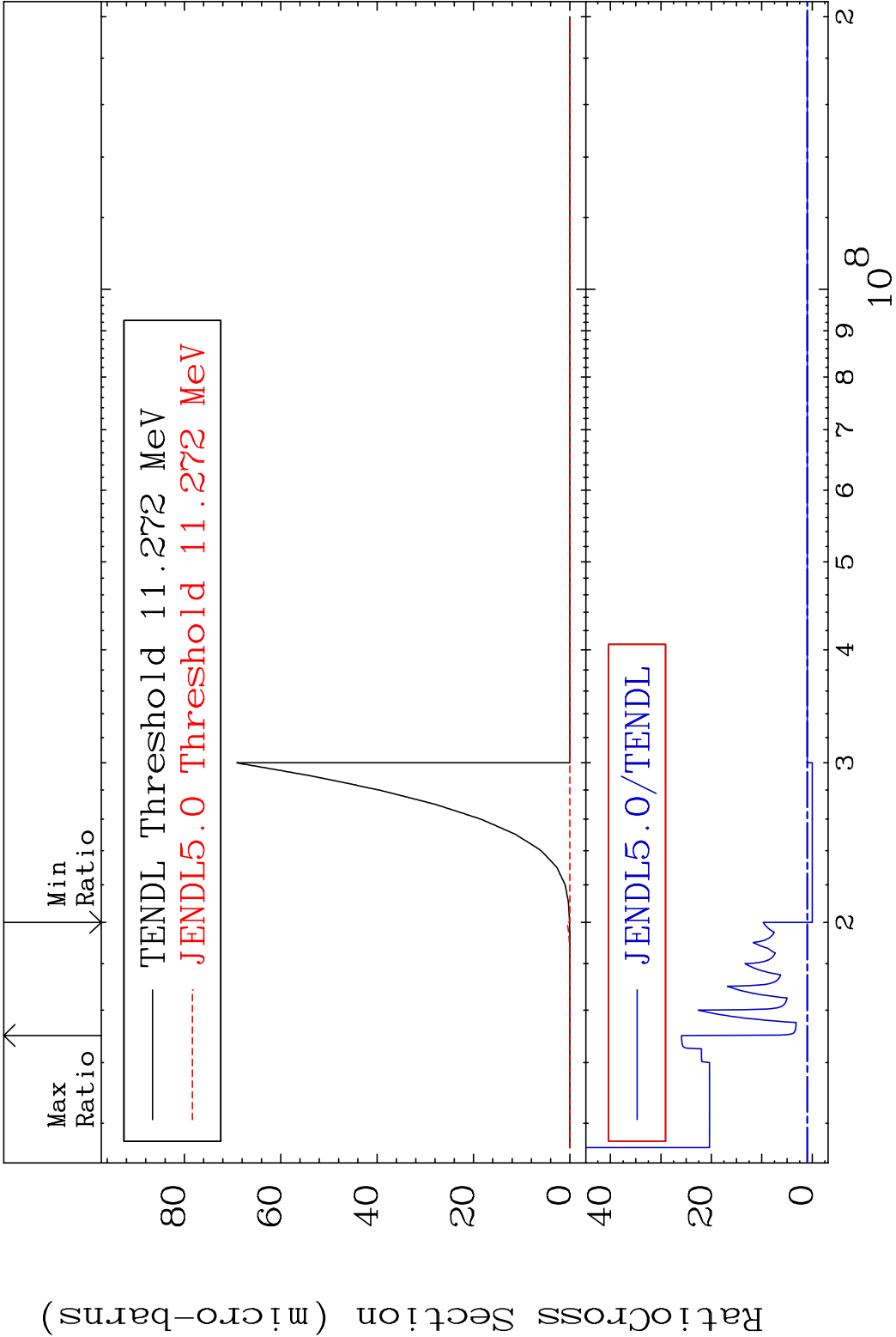


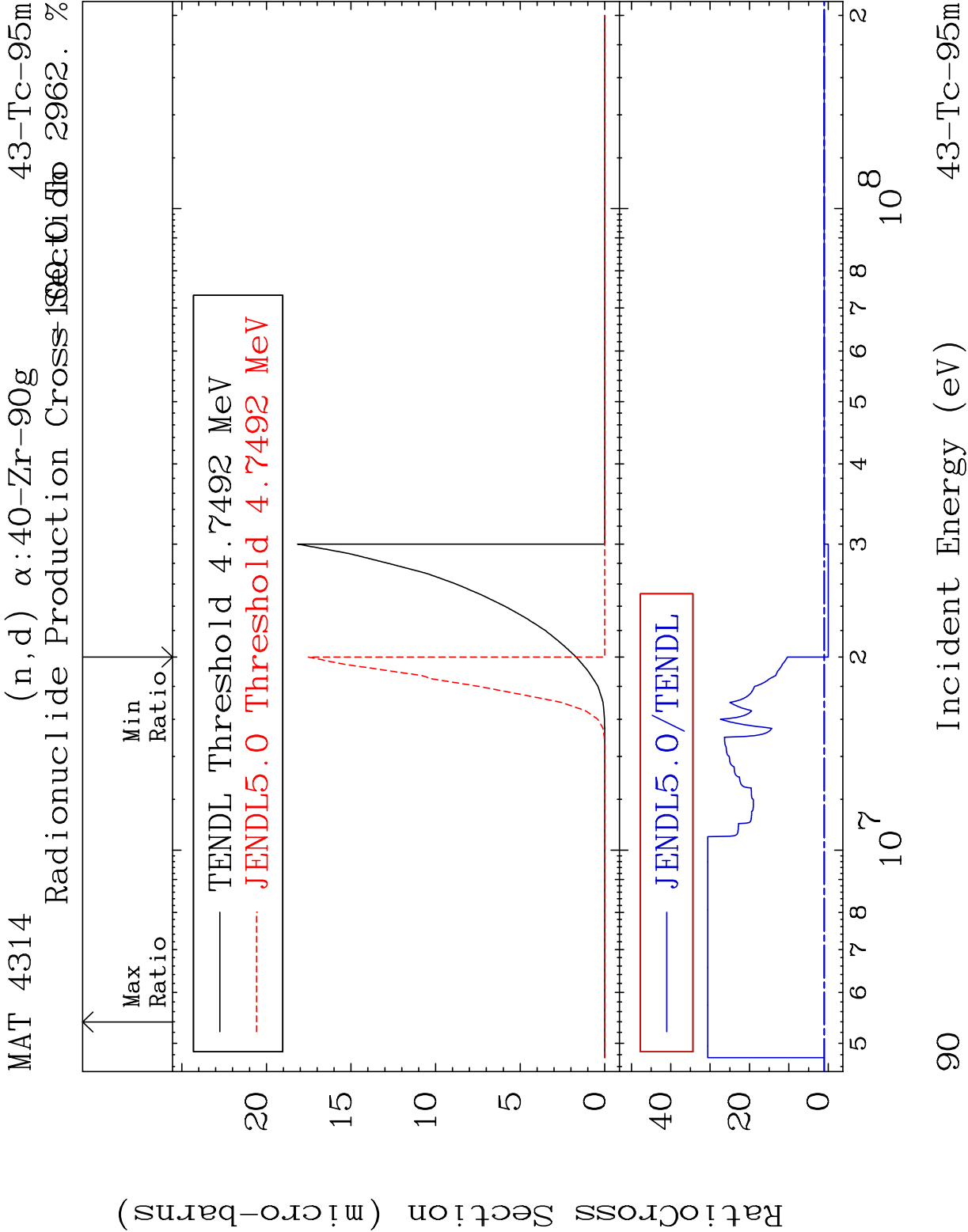












Radionuclide Production Cross Section to 1022. %

