

Program Complot
(Version 2021-1)

by

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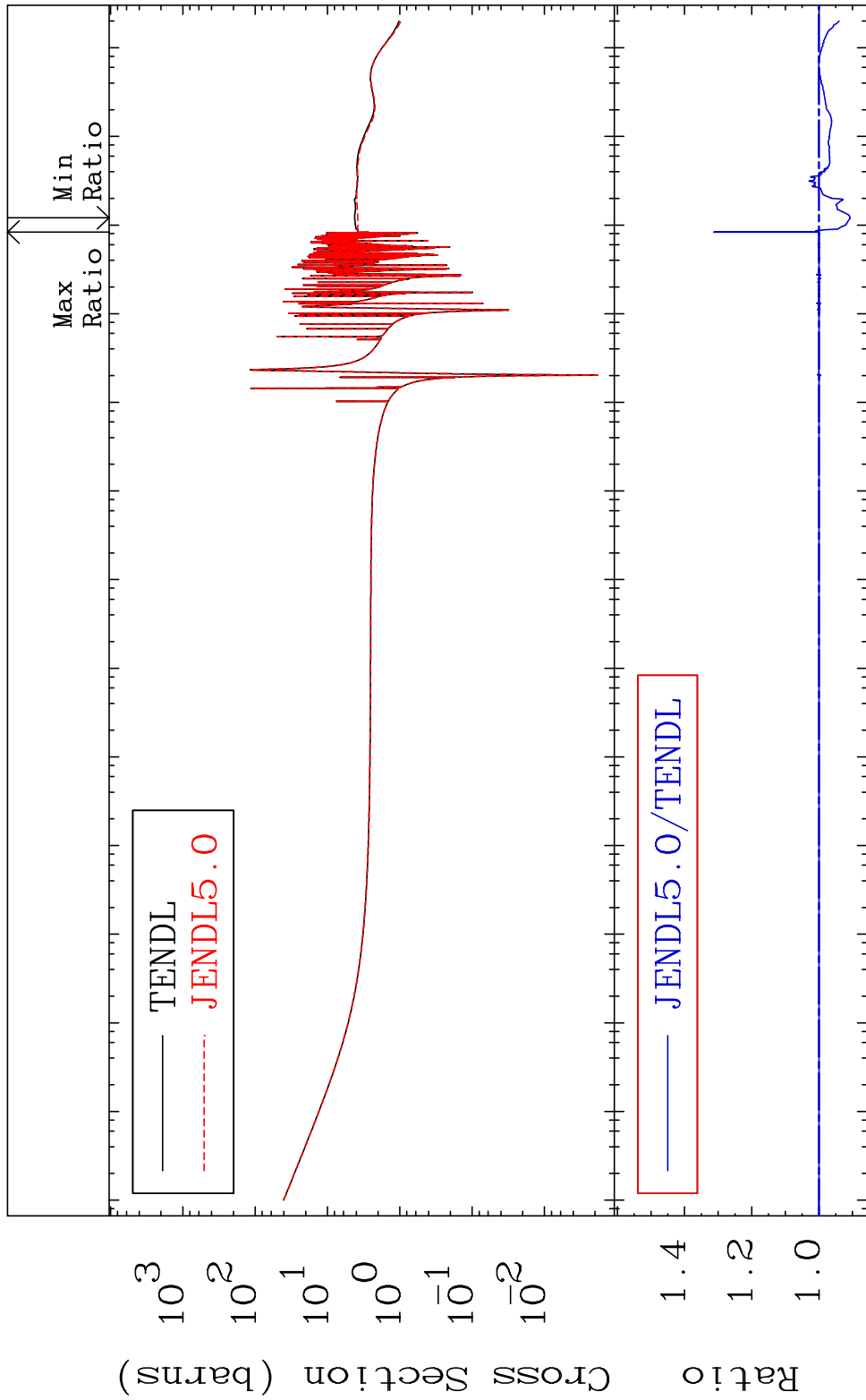
Press Mouse Button to Start

MAT 2437

Total

24-Cr-54

Cross Section -9.321 To 31.23 %



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

1

Incident Energy (eV)

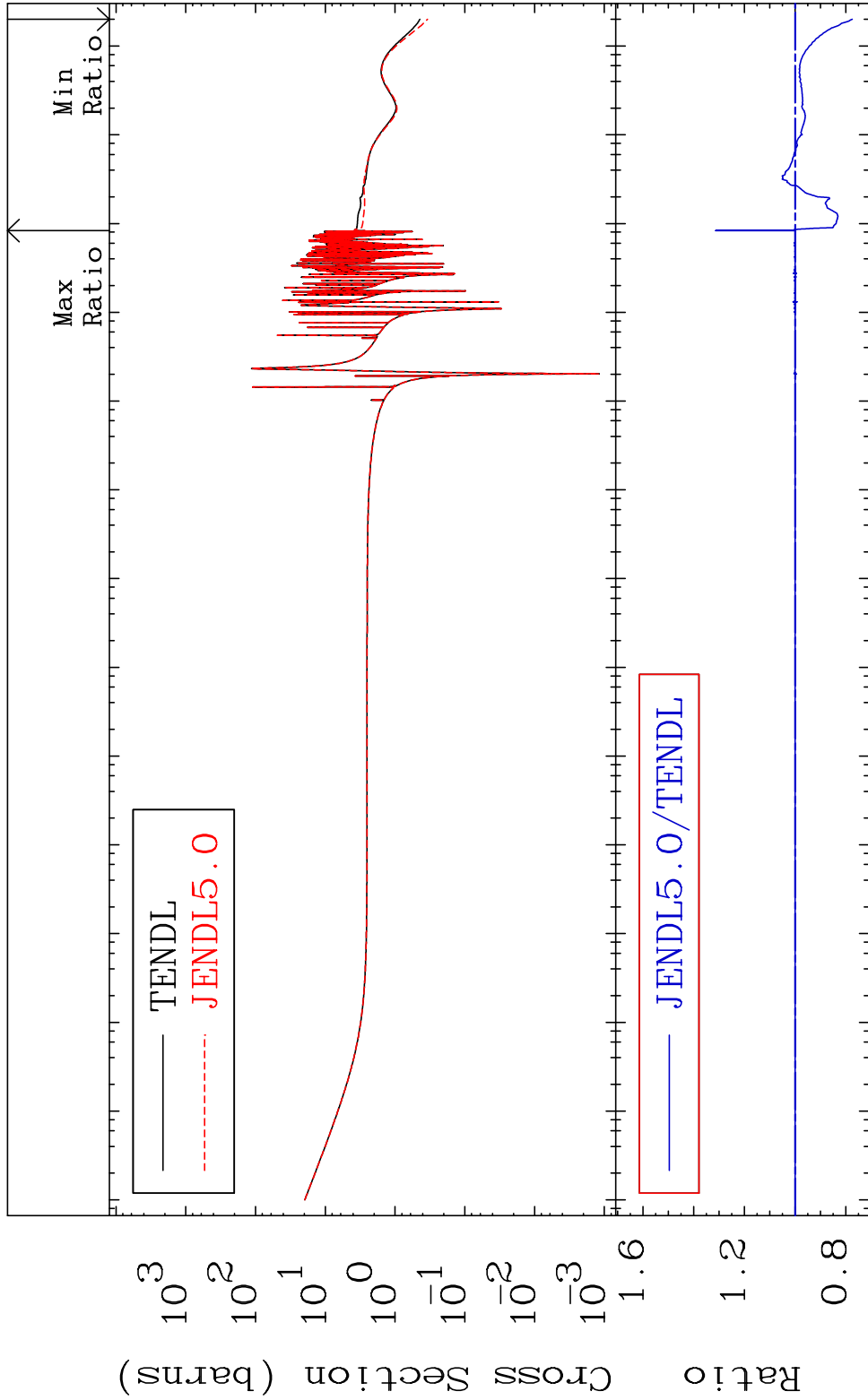
24-Cr-54

MAT 2437

Elastic

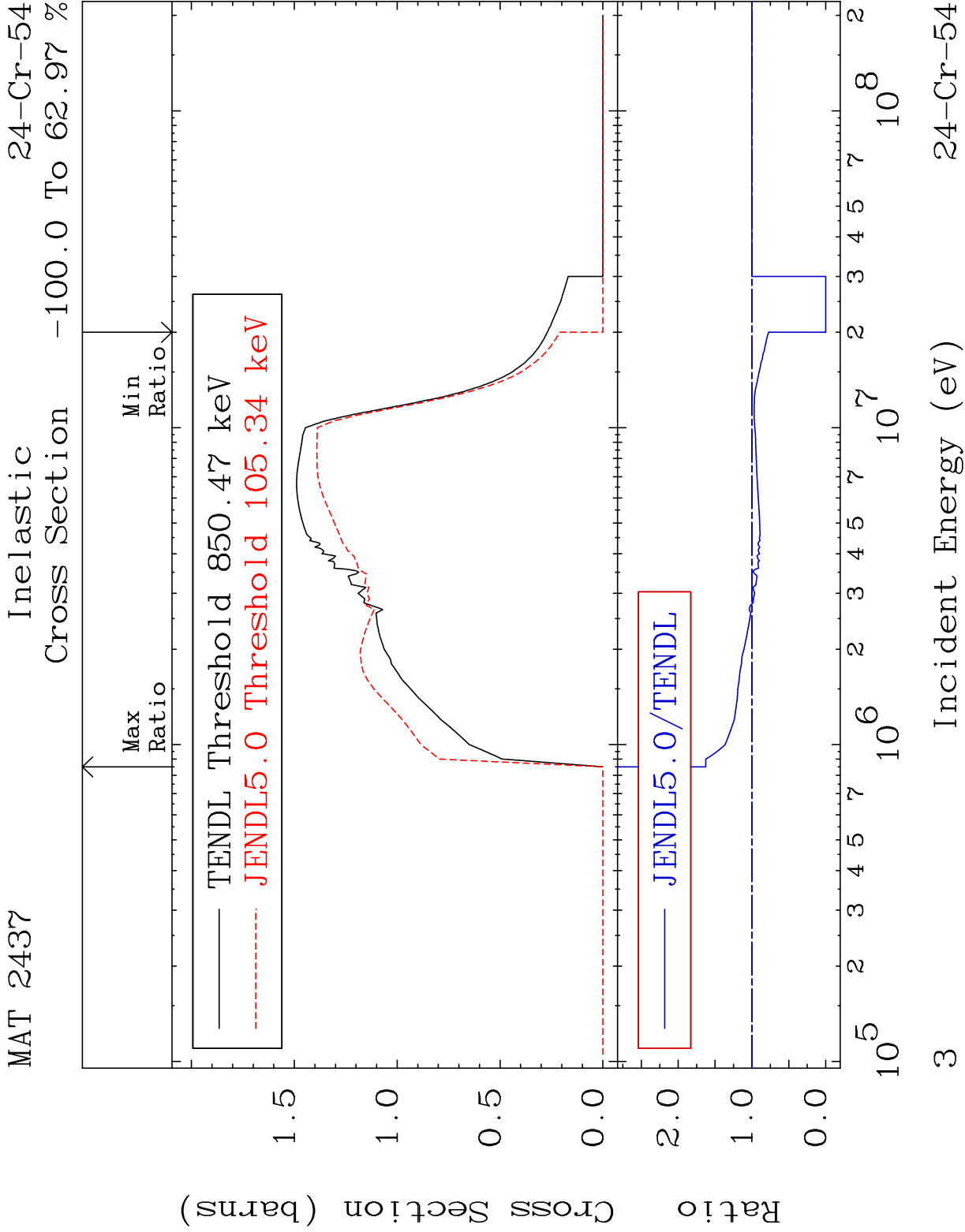
24-Cr-54

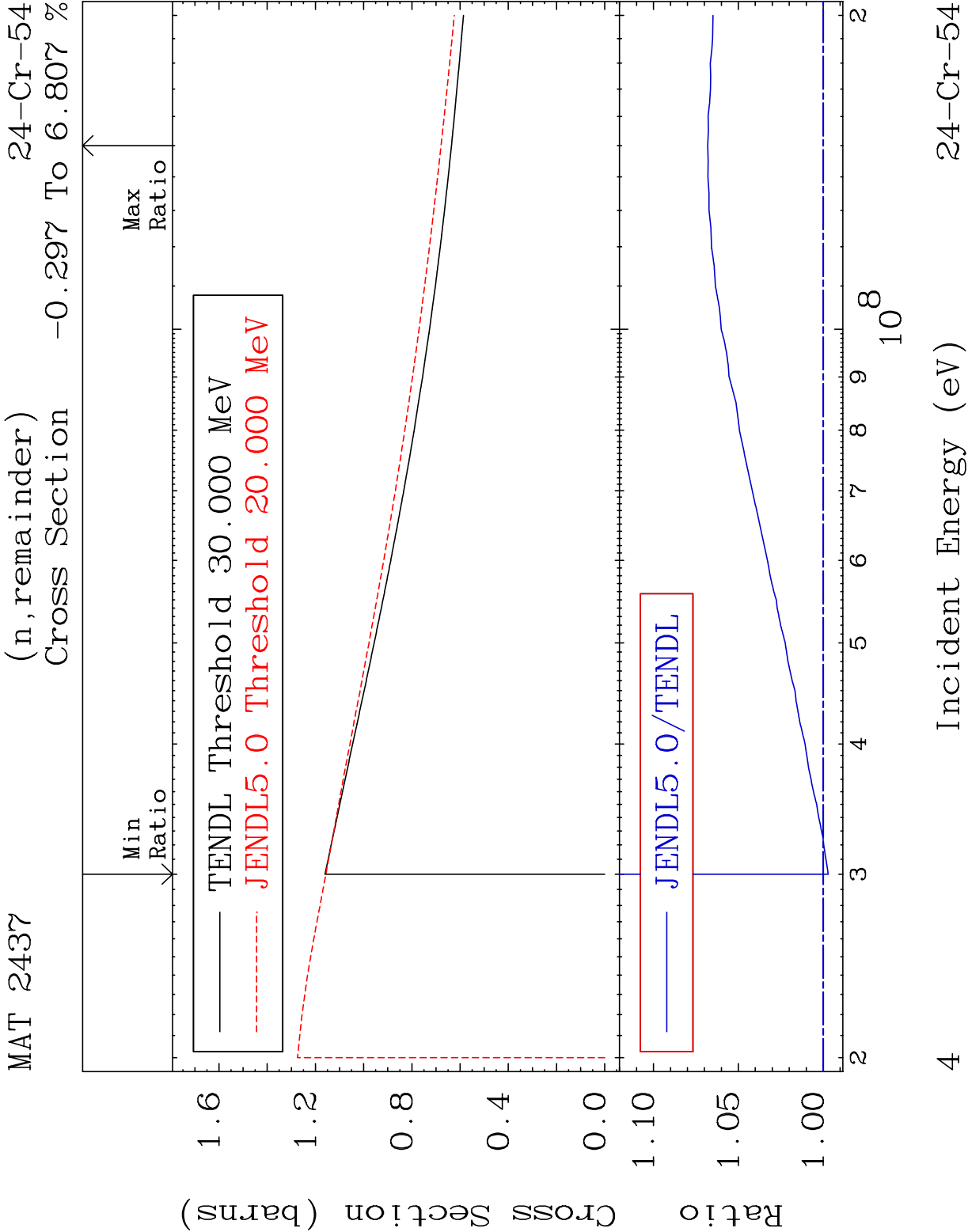
Cross Section -22.56 To 31.31 %



Incident Energy (eV)

24-Cr-54



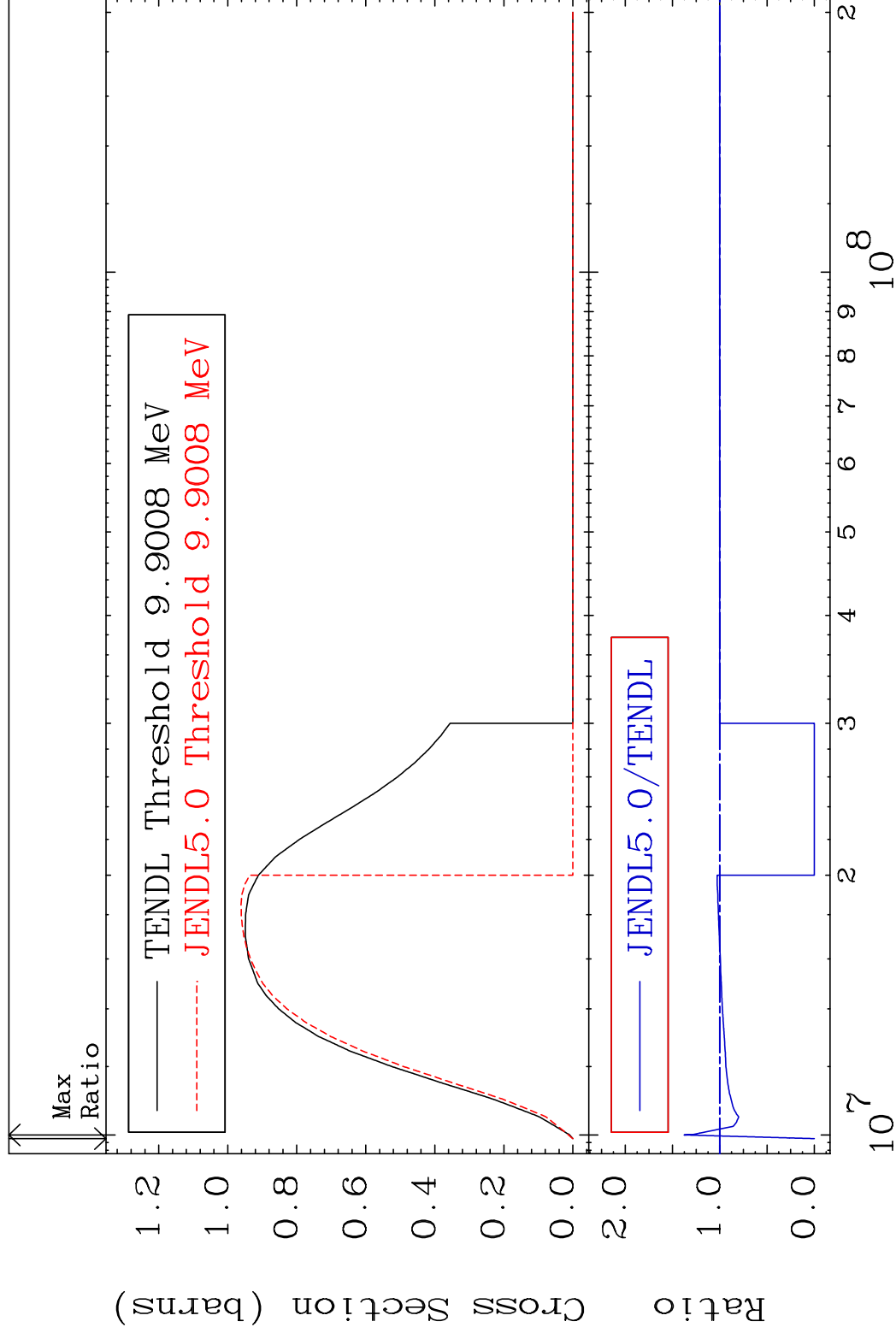


MAT 2437

$$(n, 2n)$$

24-Cr-54

Cross Section -100.0 To 37.78 %



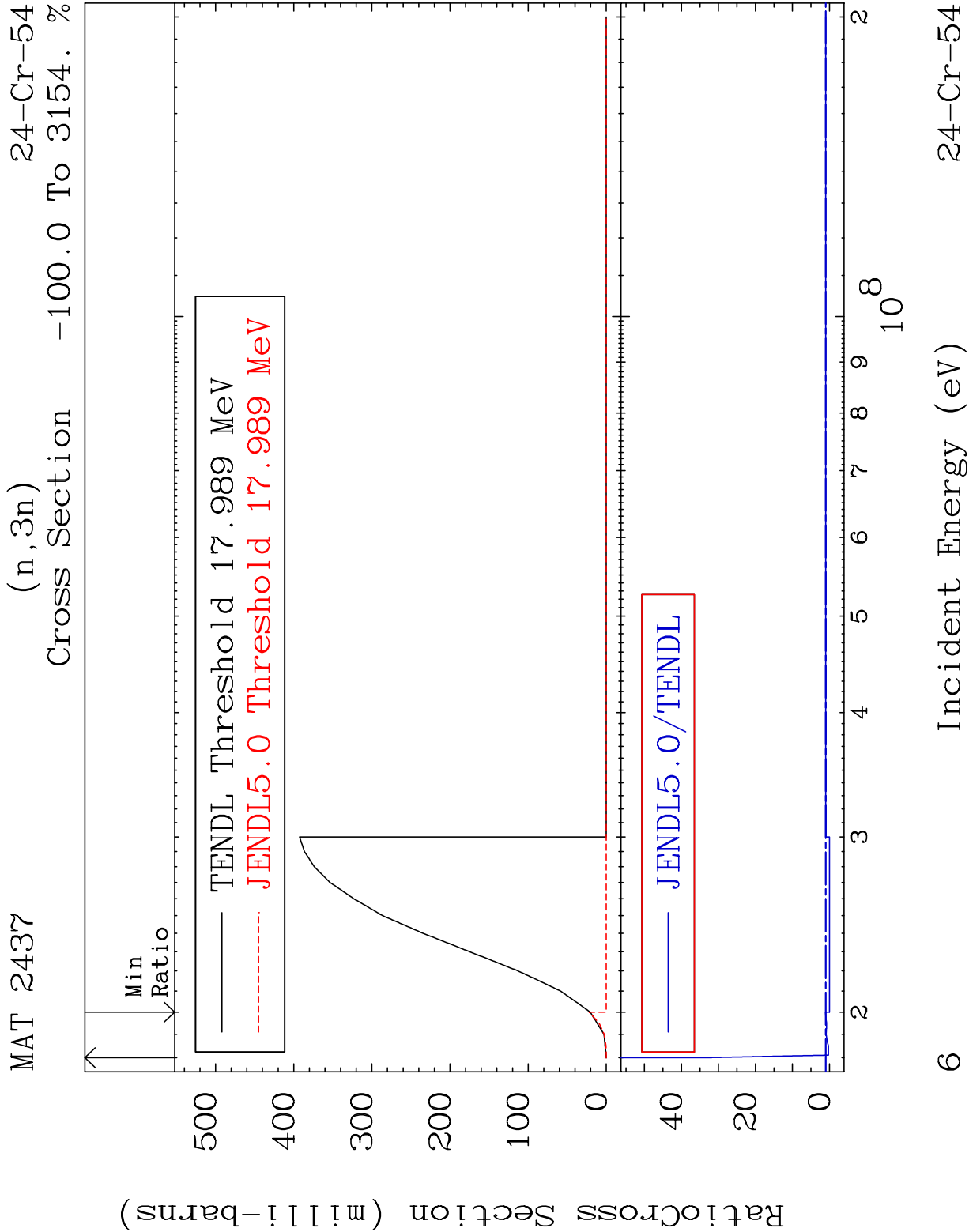
TENDL Threshold 9.9008 MeV

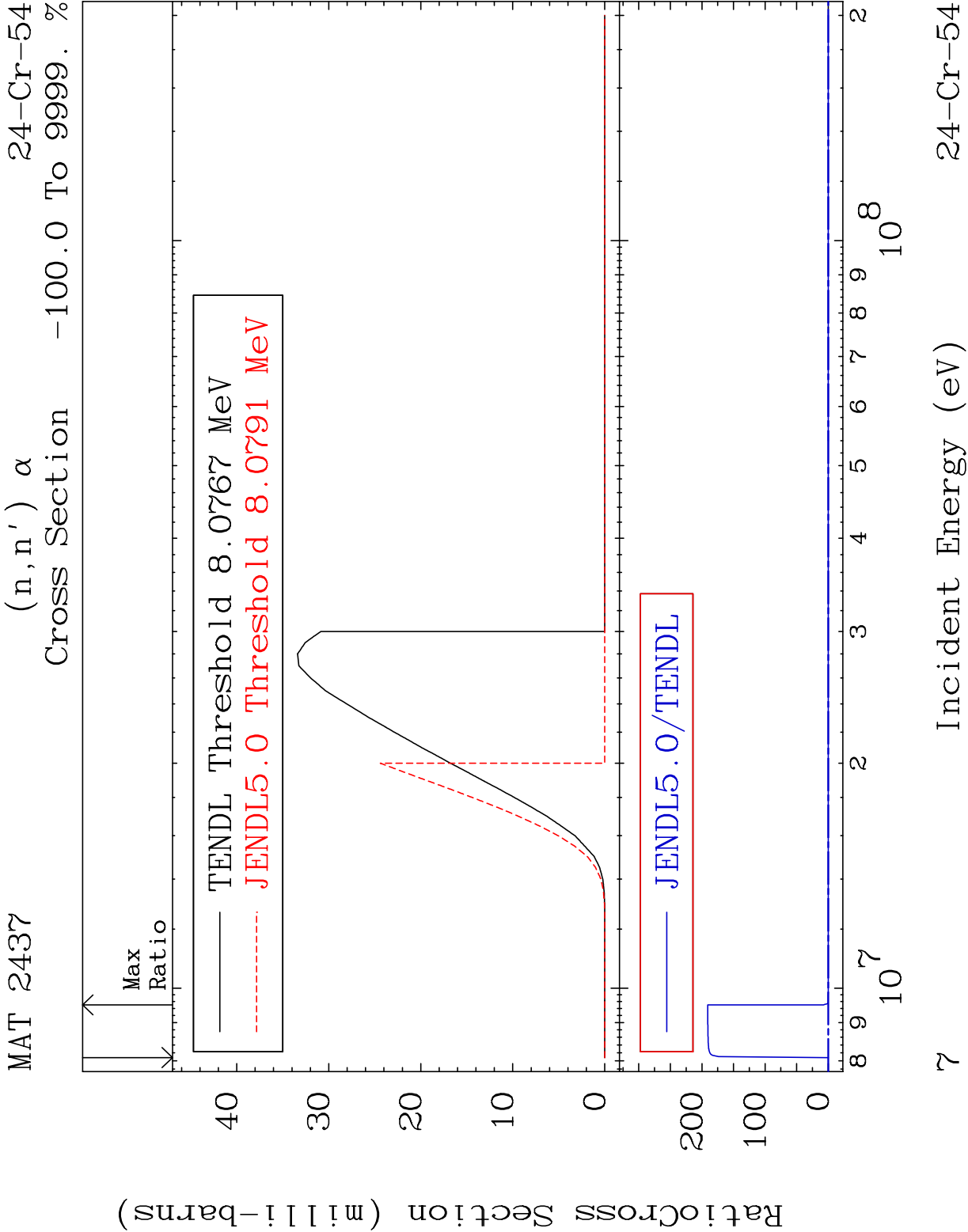
JENDL5.0 Threshold 9.9008 MeV

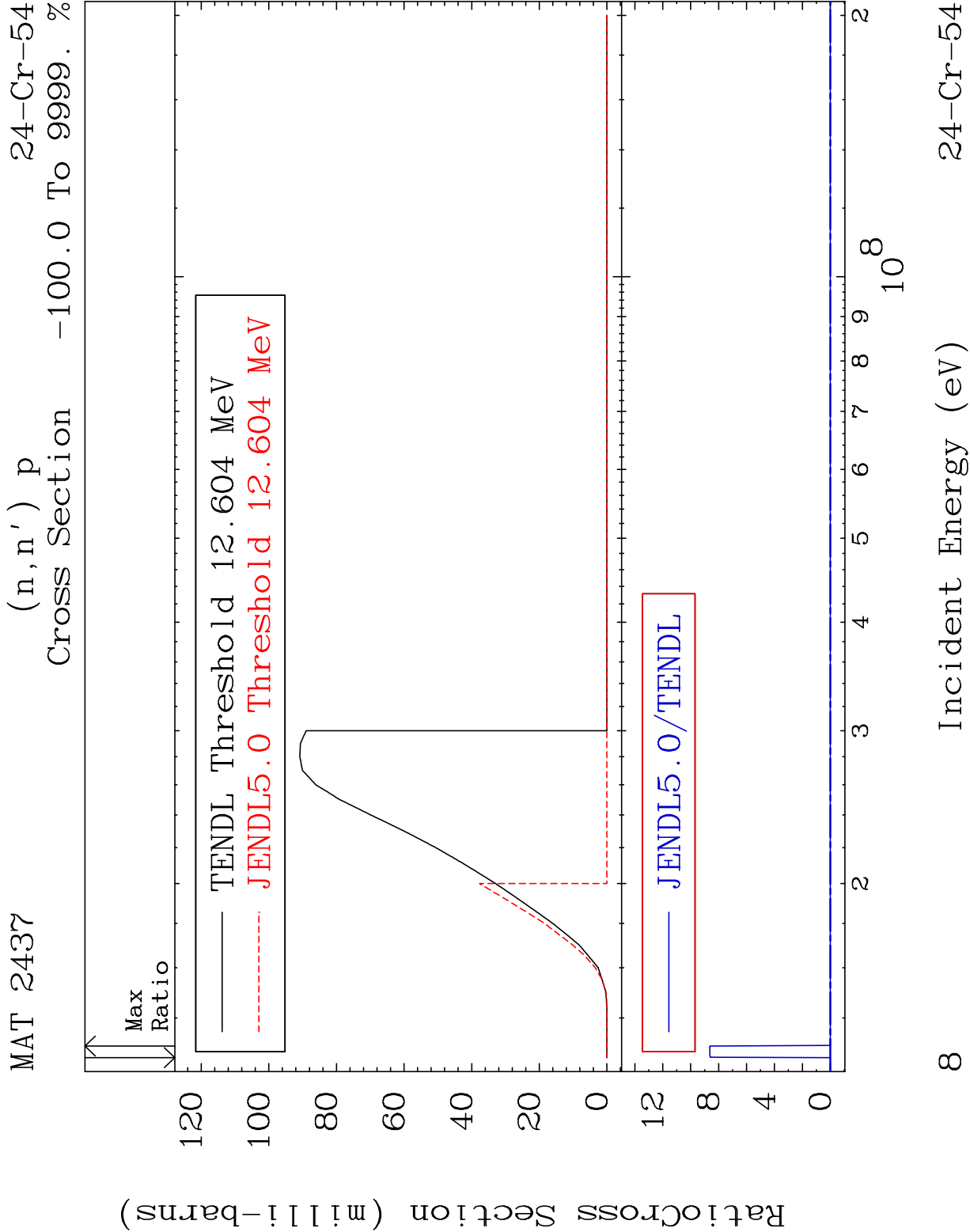
JENDL5.0/TENDL

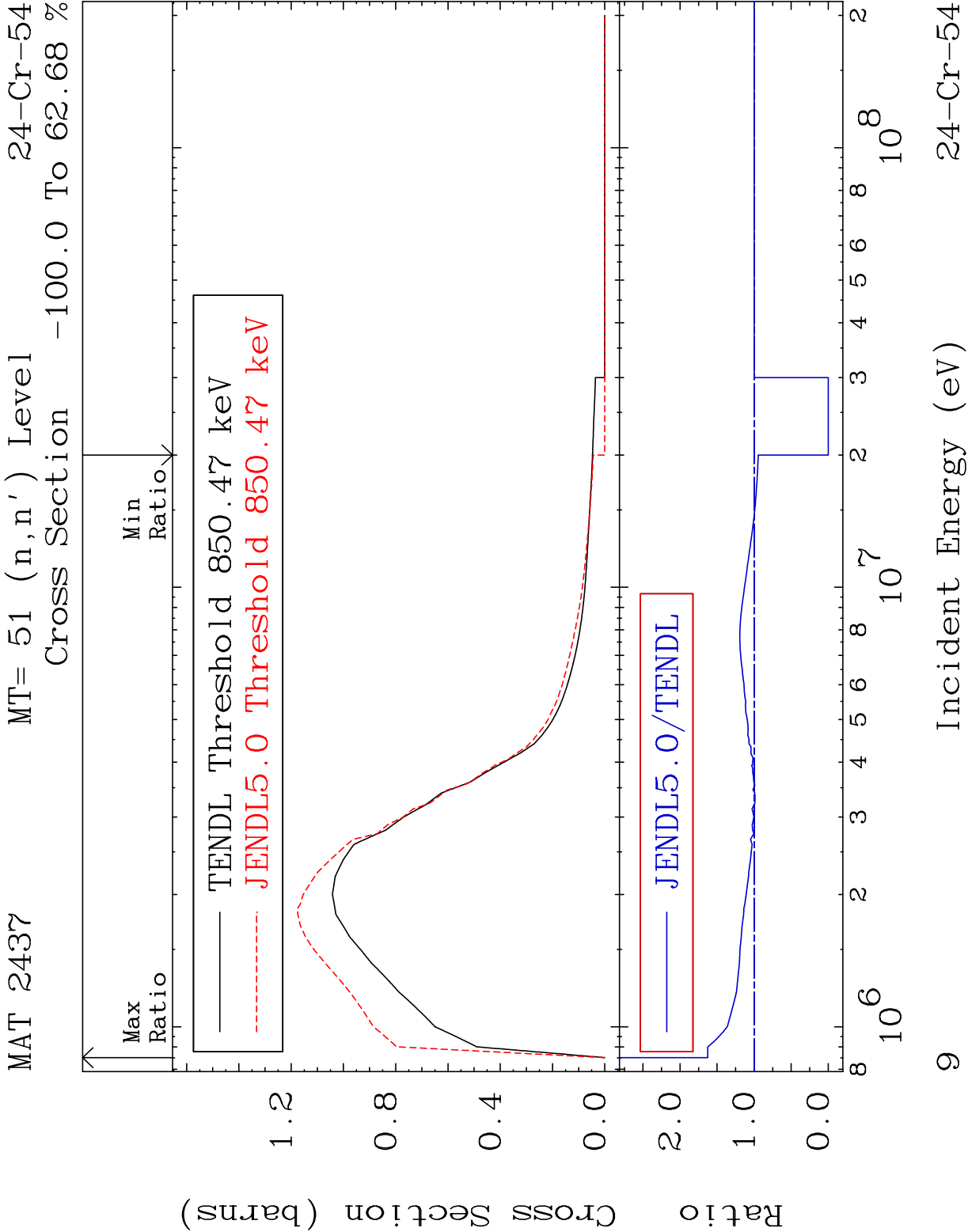
Incident Energy (eV)

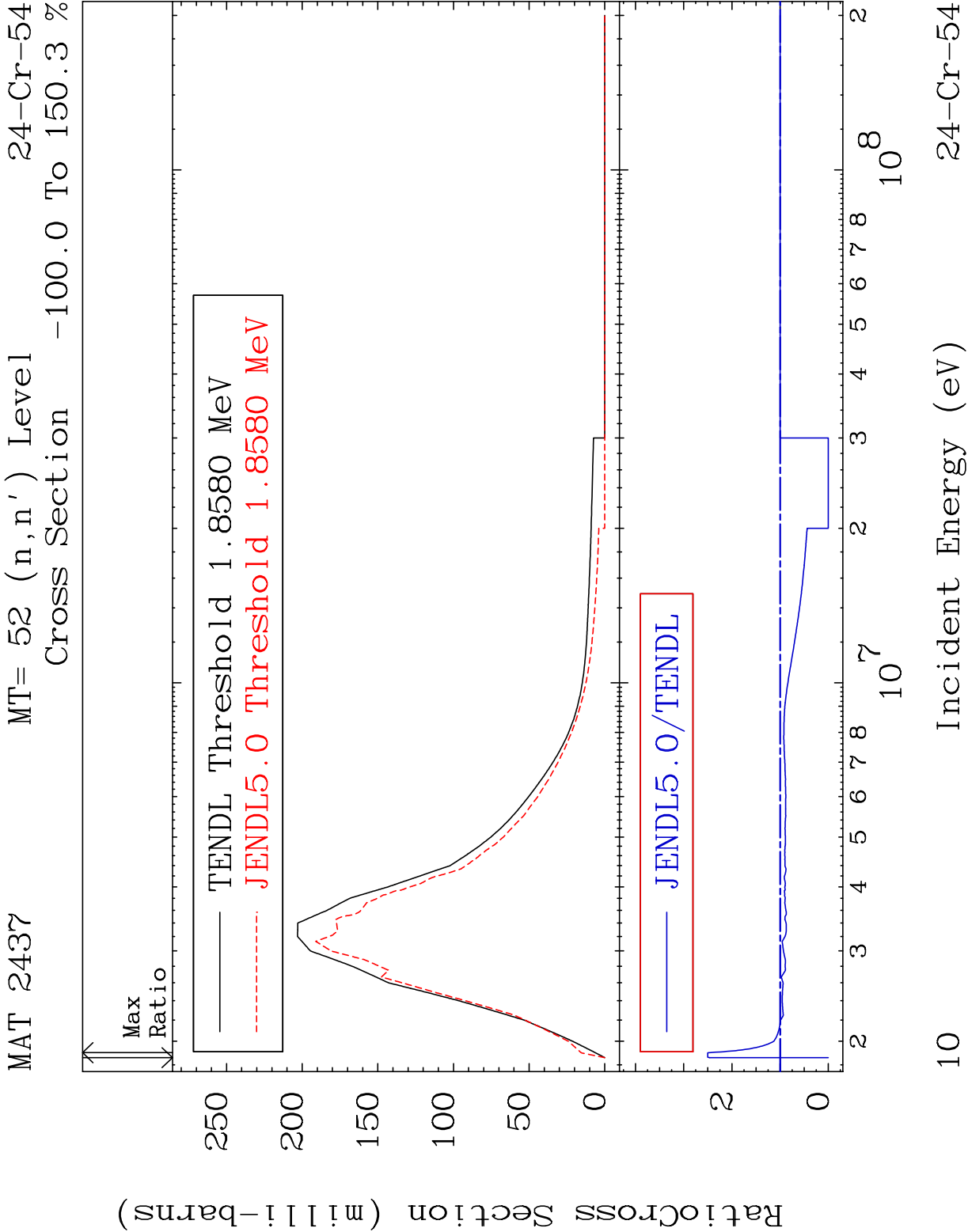
24-Cr-54



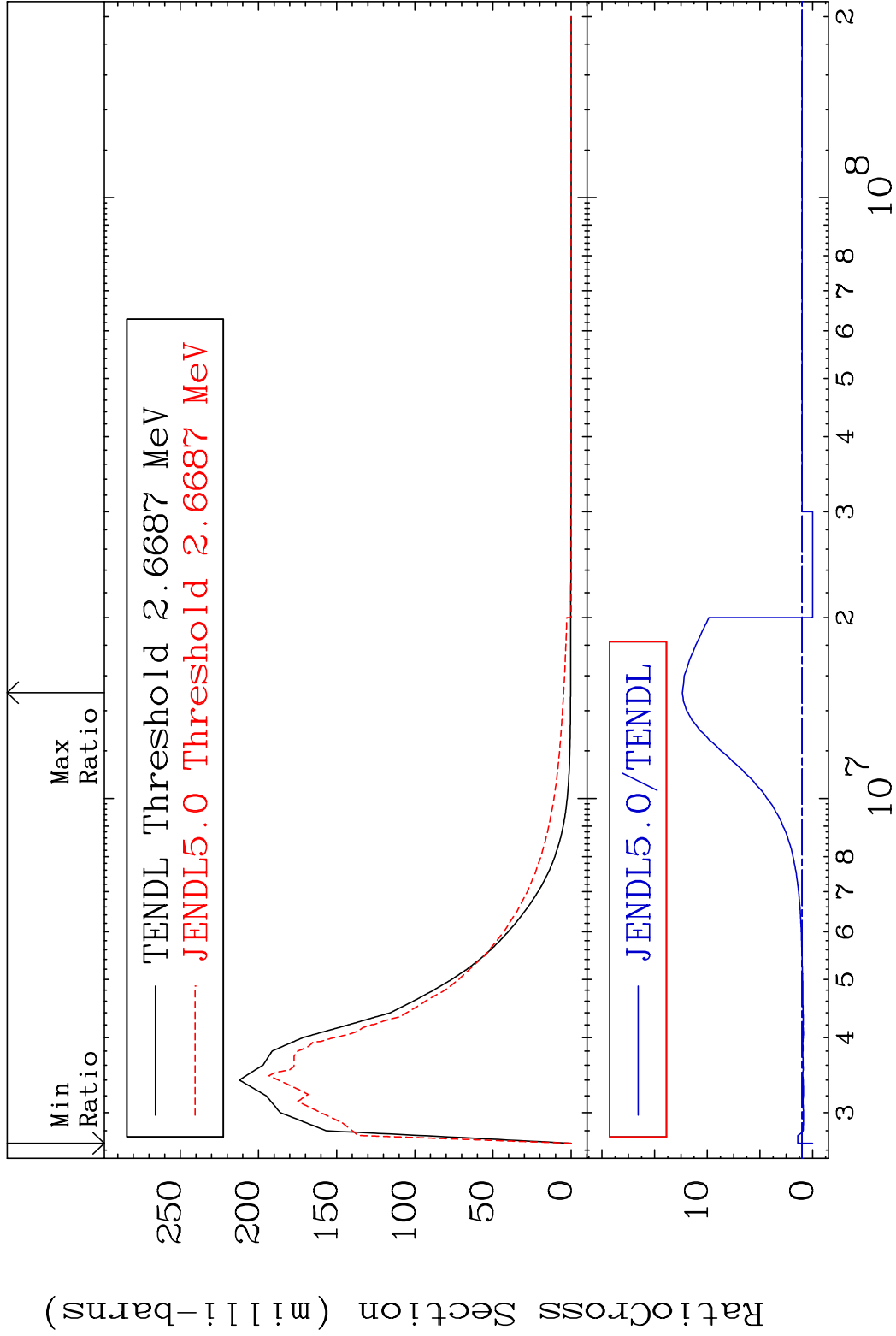


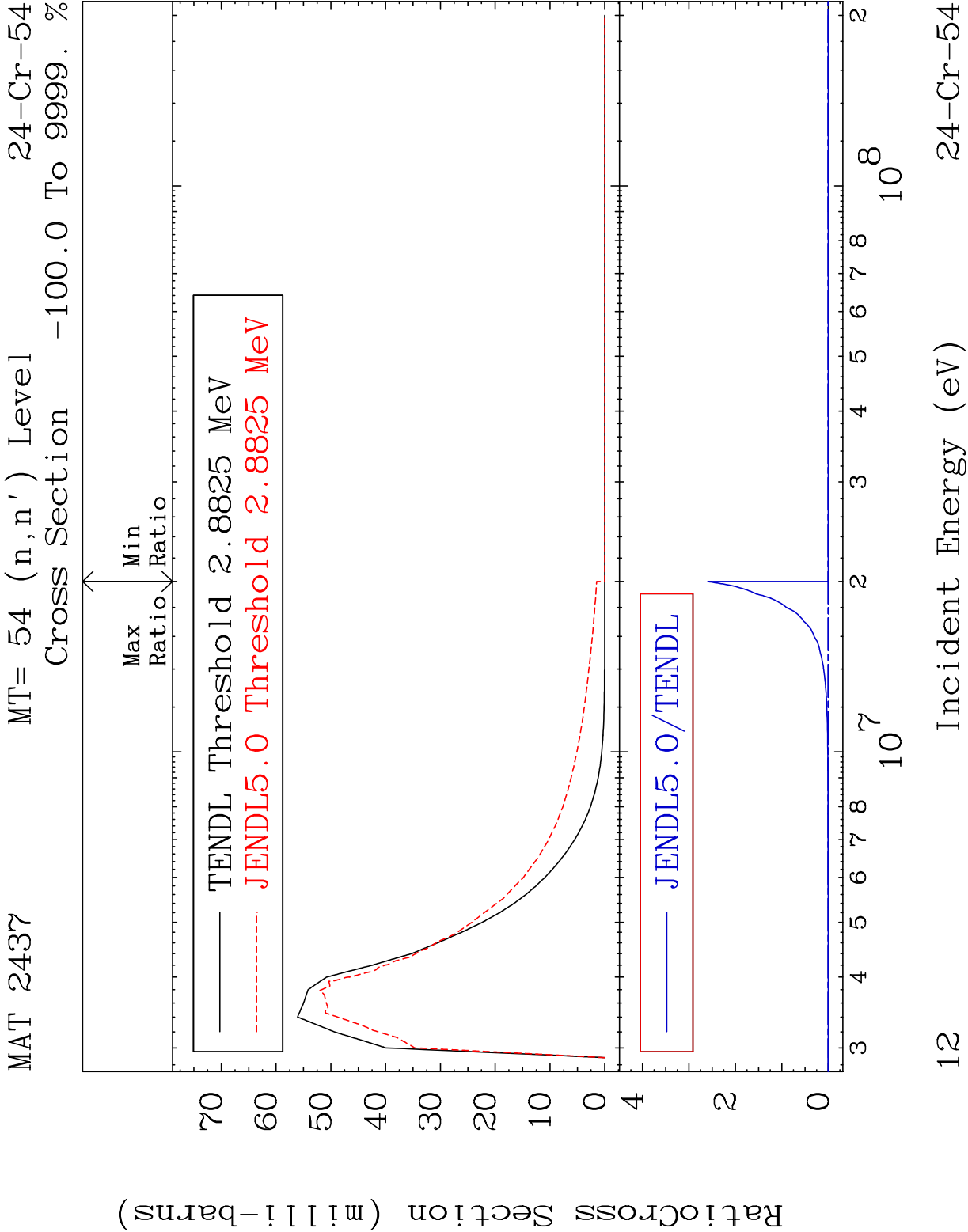


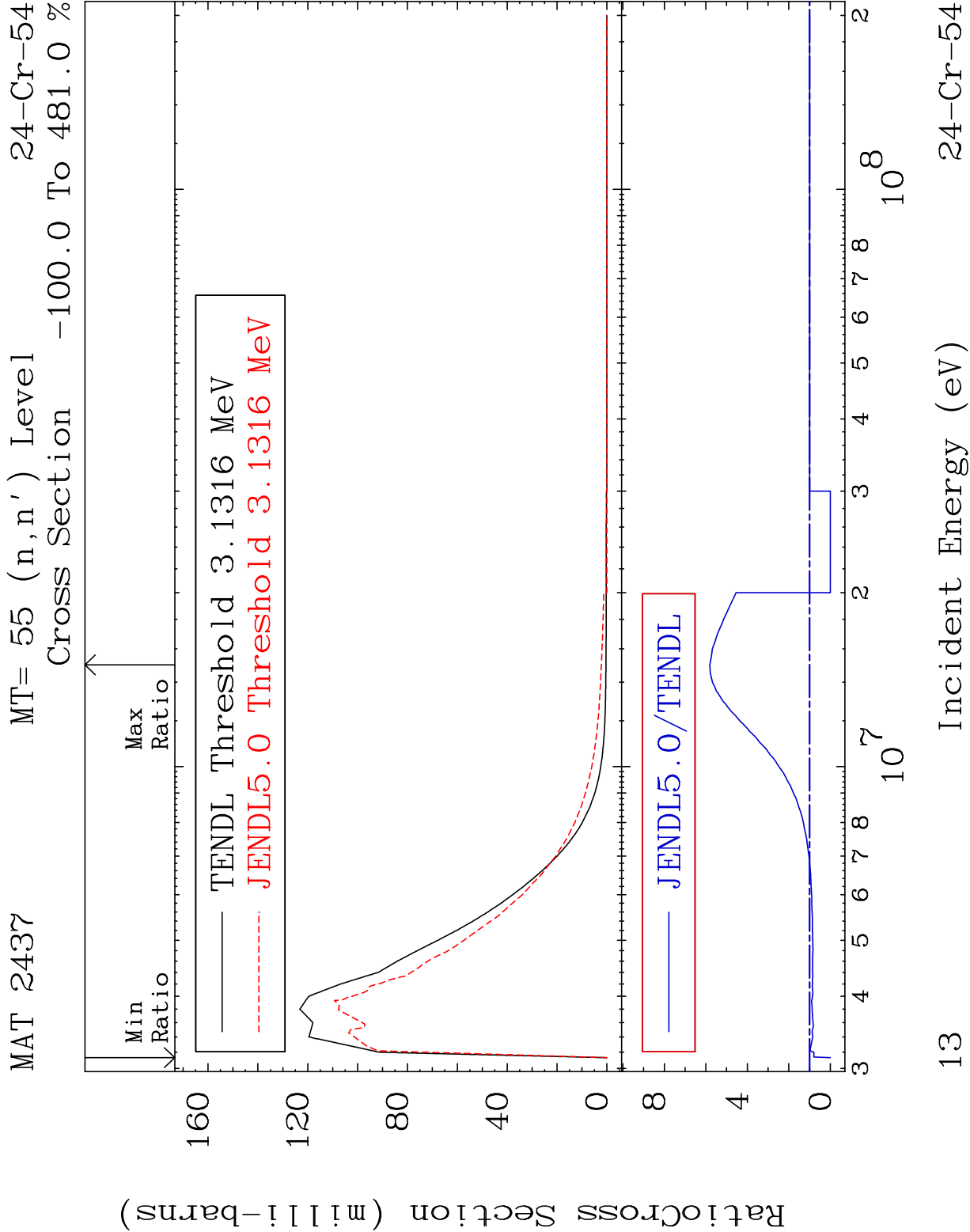


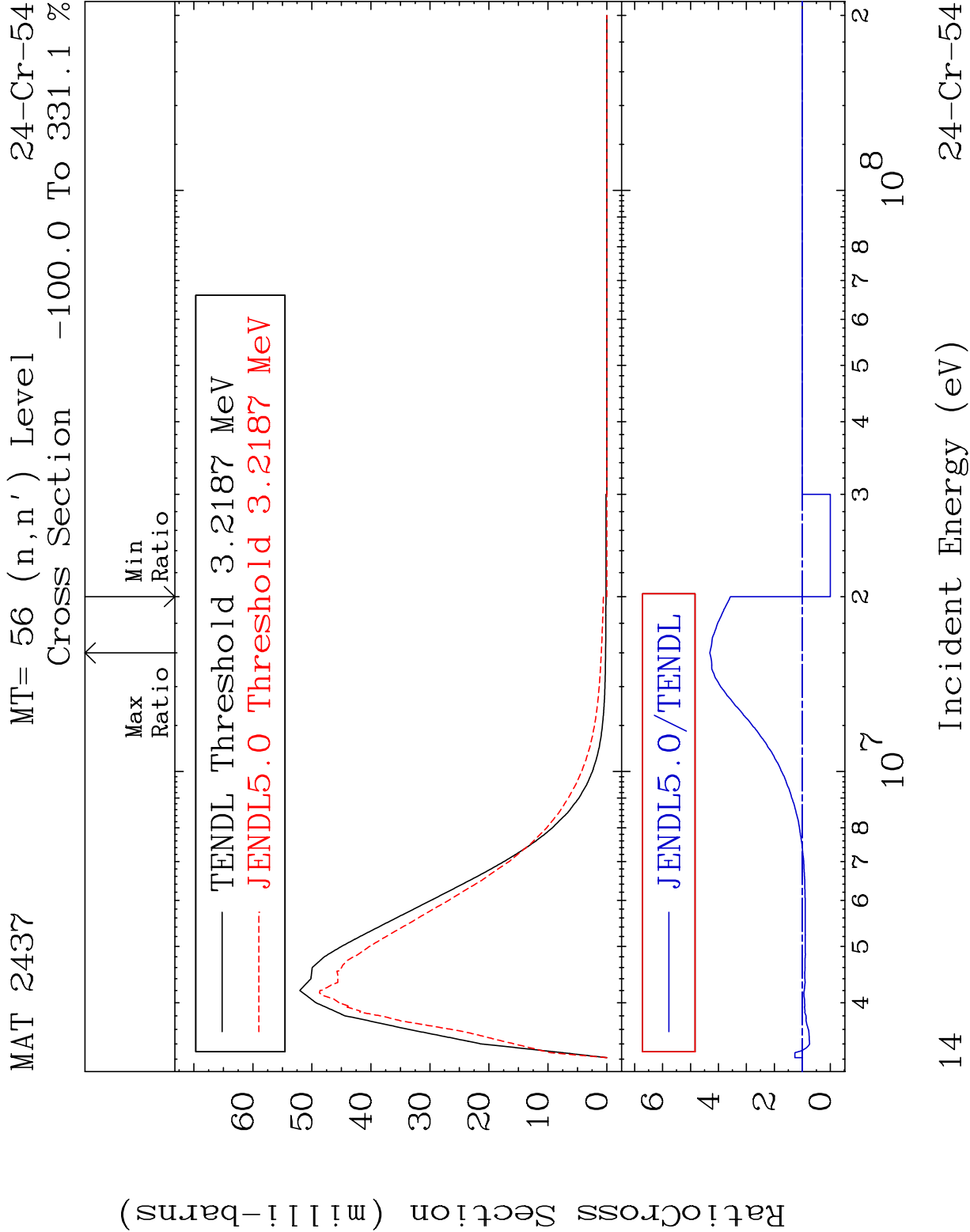


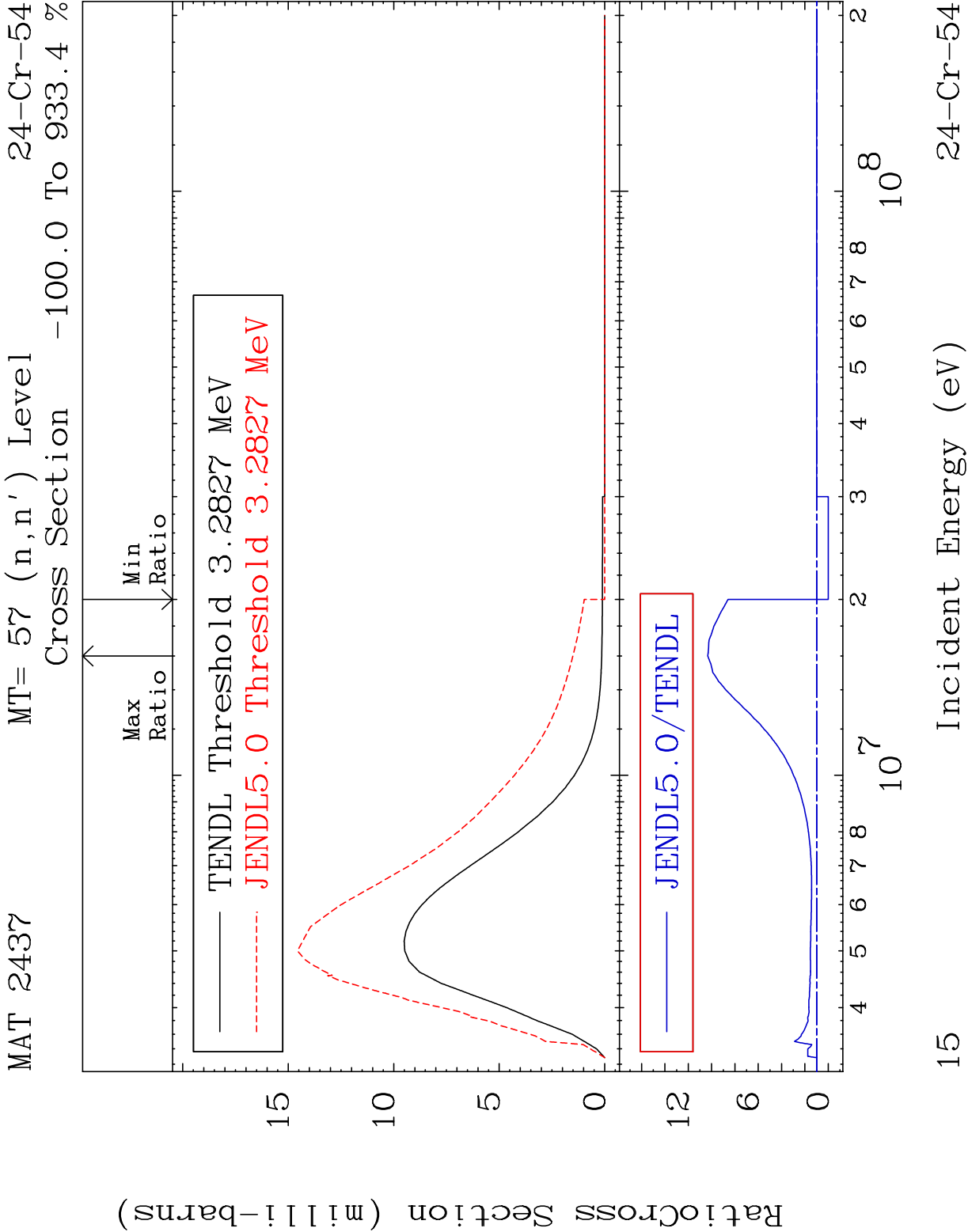
MAT 2437 MT= 53 (n,n') Level 24-Cr-54
Cross Section -100.0 To 1137. %









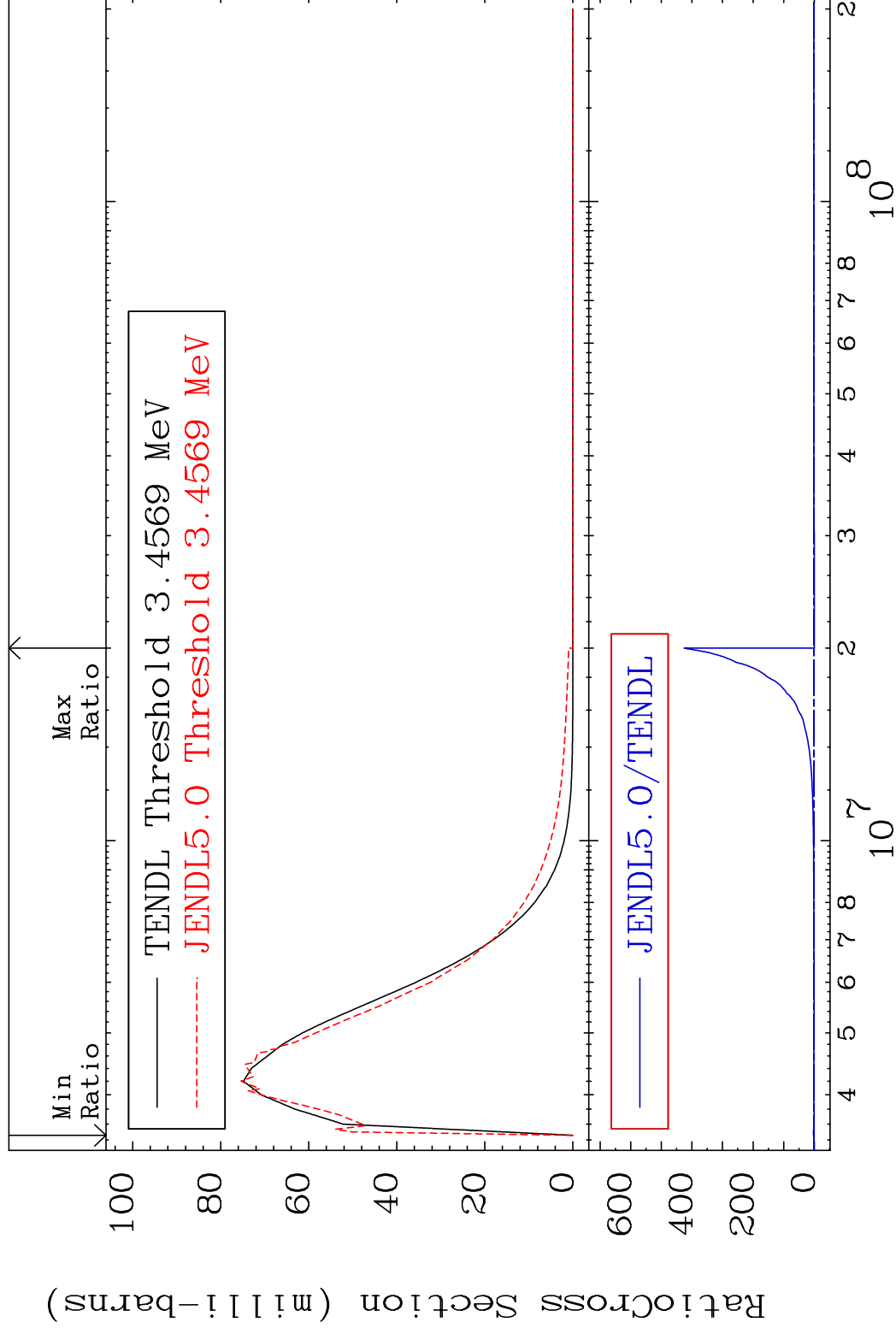


MAT 2437

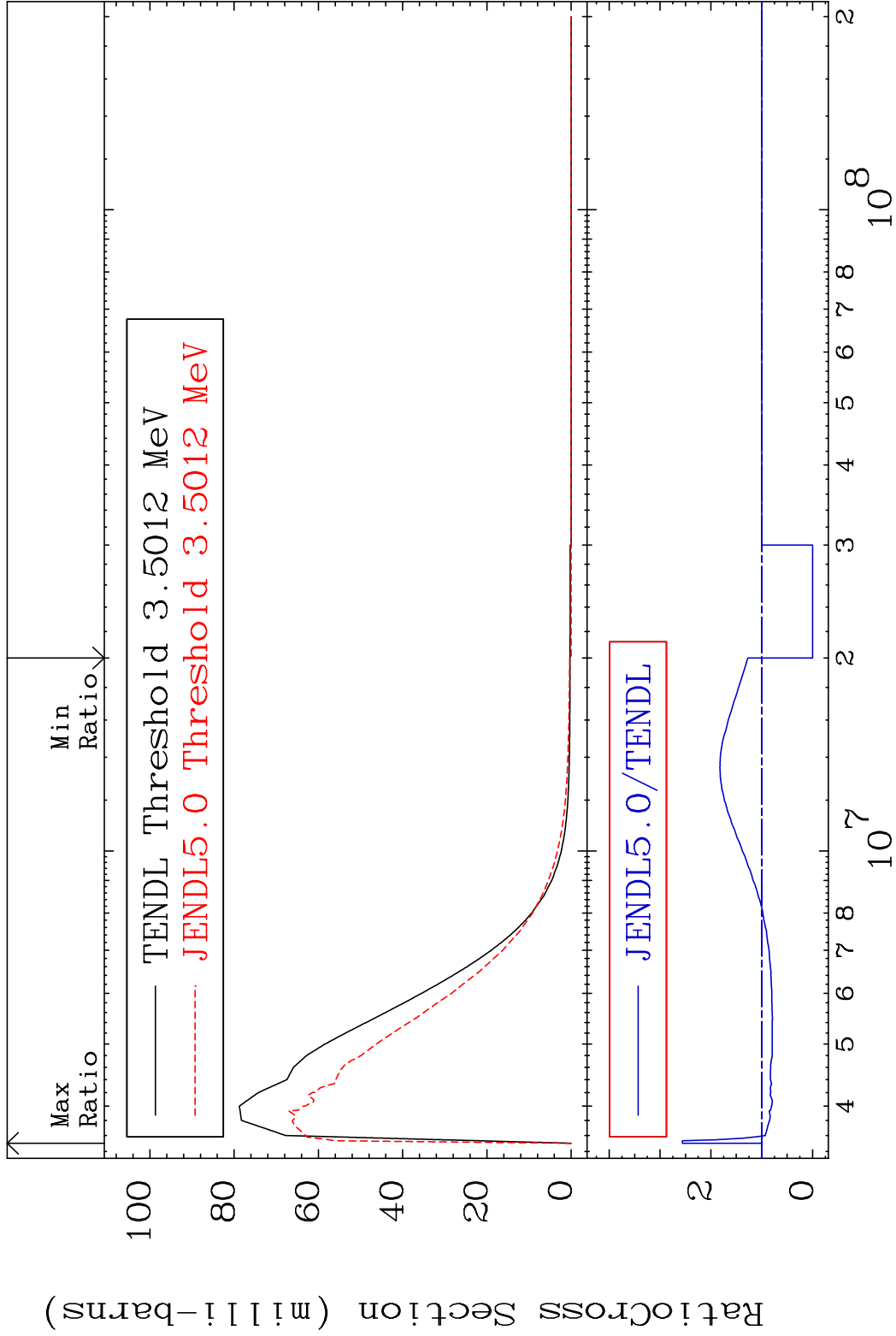
MT= 58 (n, n') Level

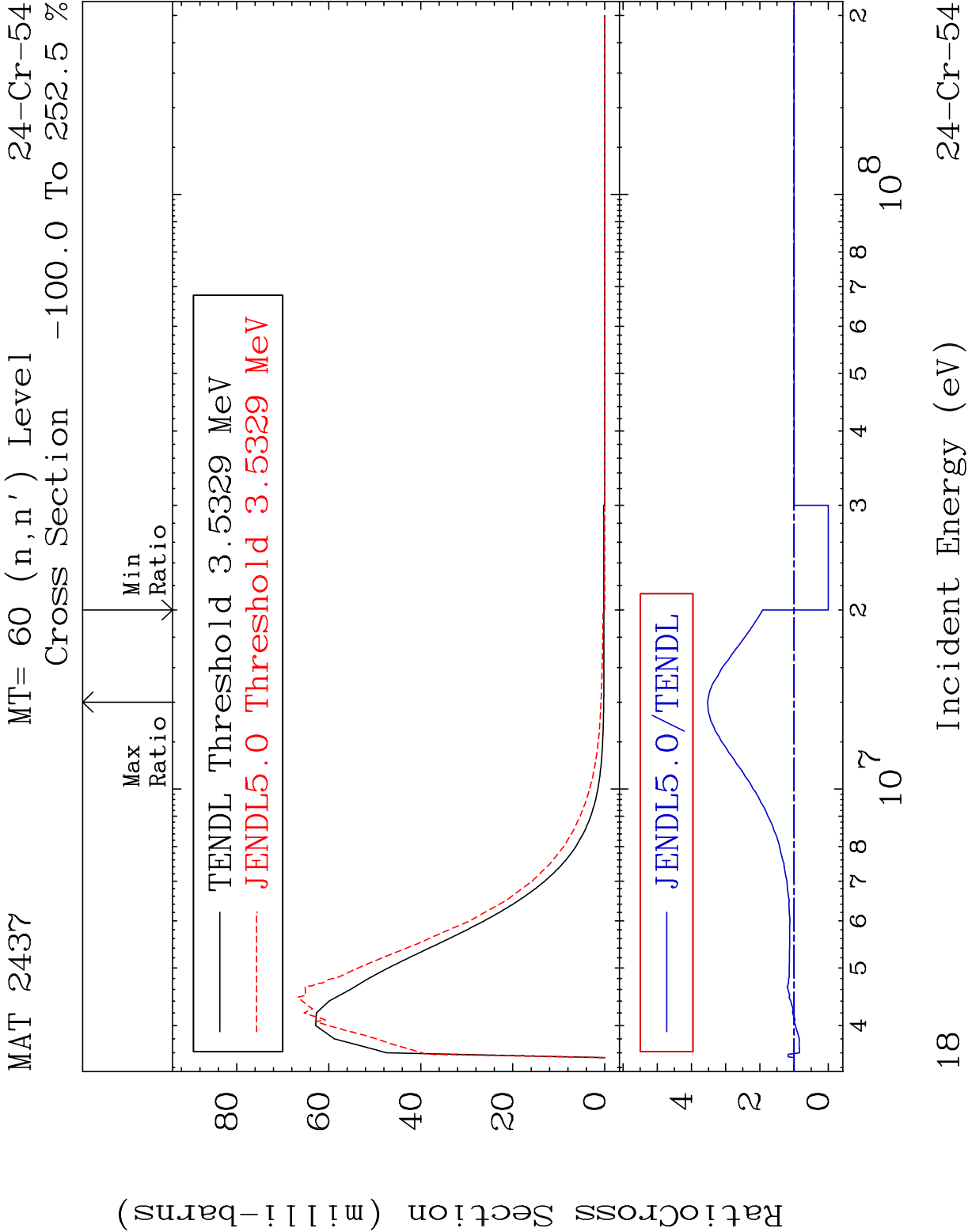
24-Cr-54

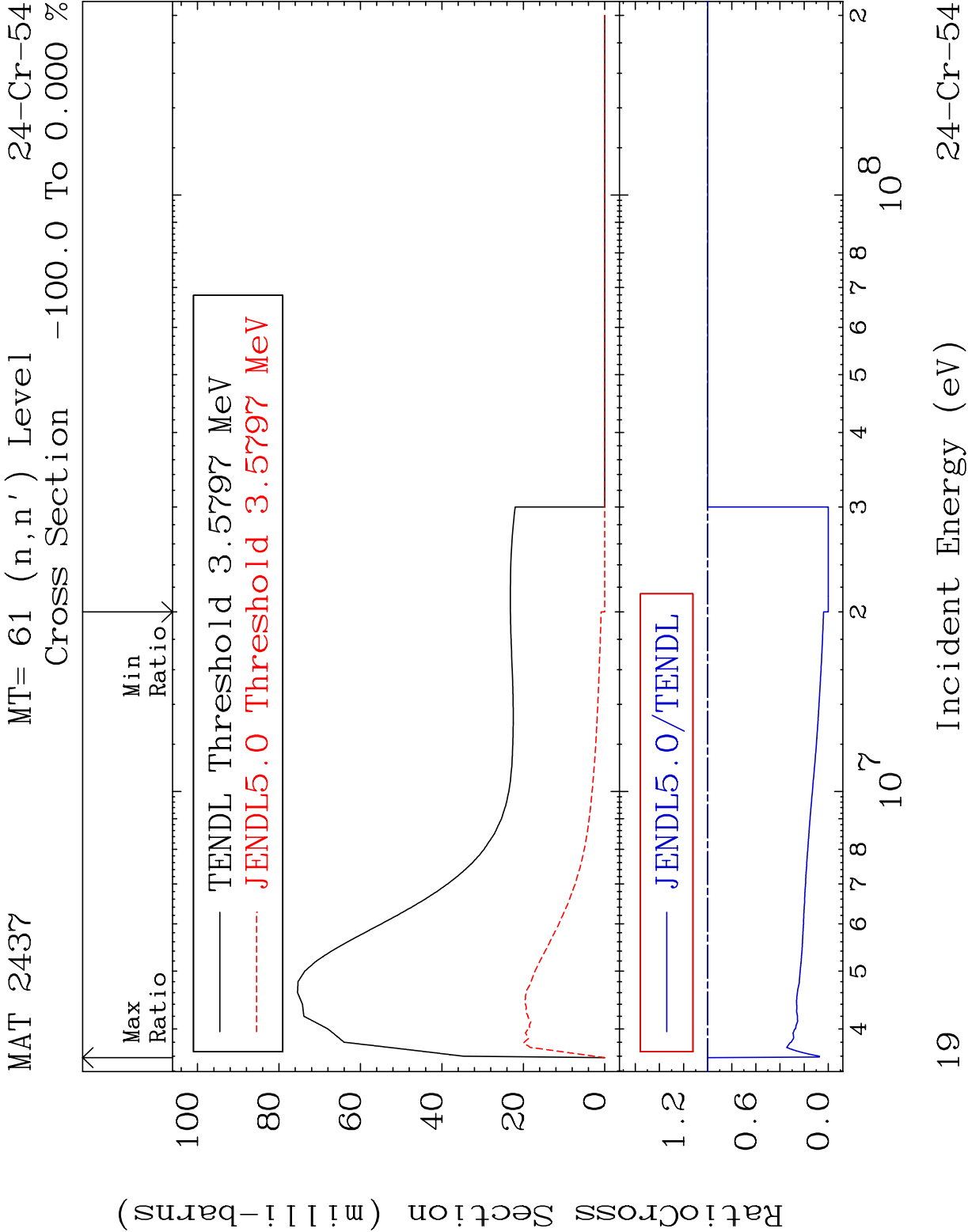
Cross Section -100.0 To 9999. %

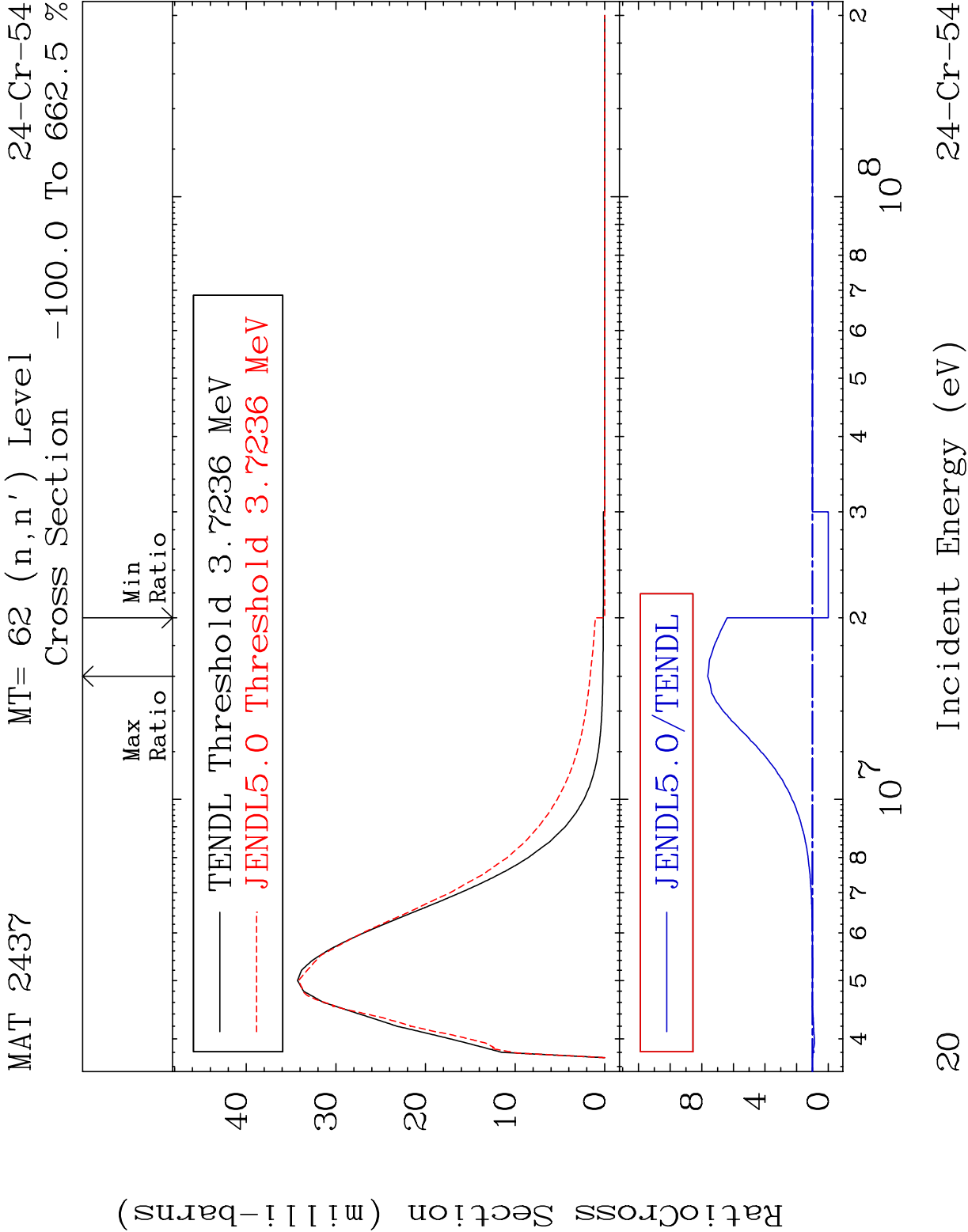


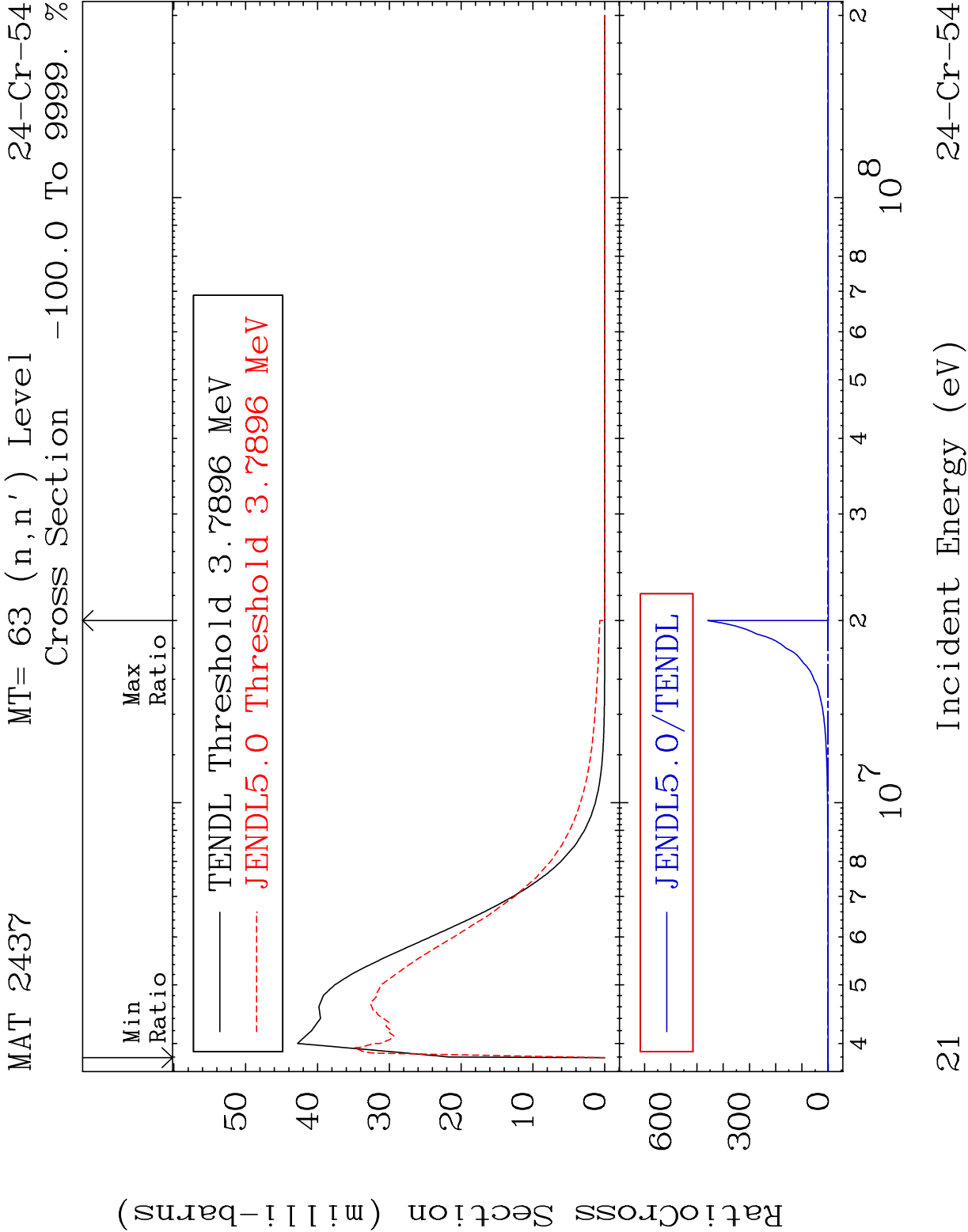
MAT 2437 MT= 59 (n,n') Level 24-Cr-54
Cross Section -100.0 To 156.1 %

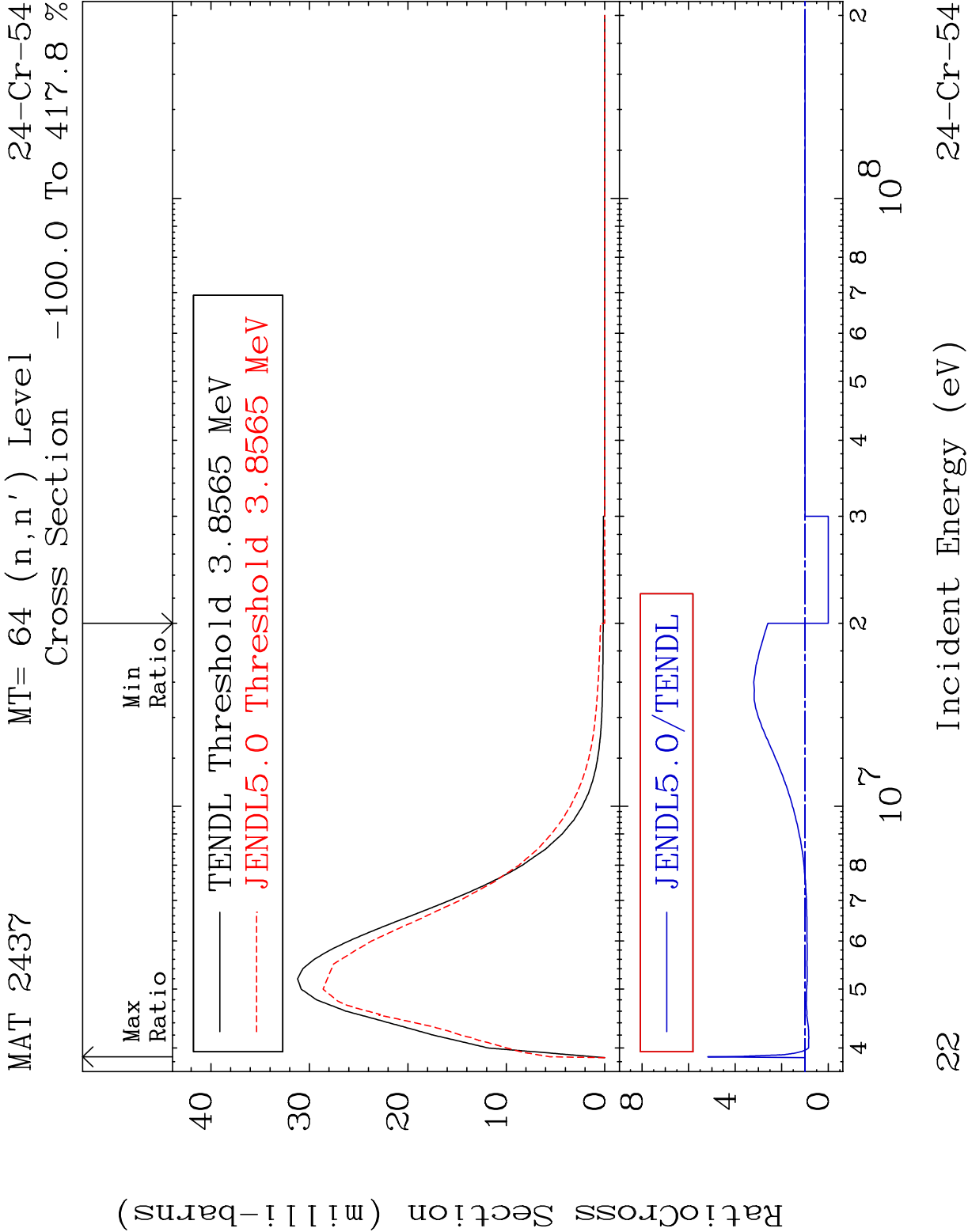


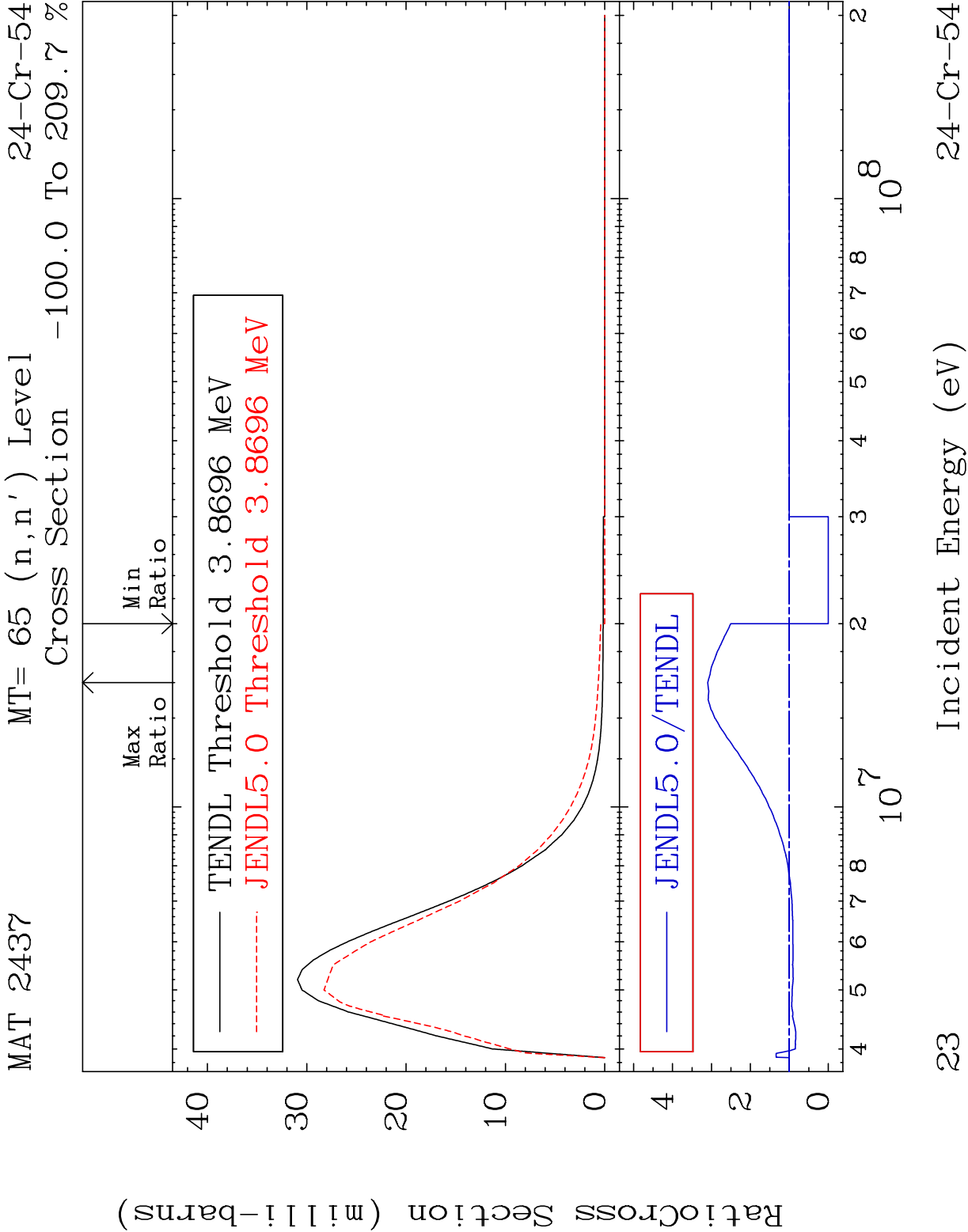


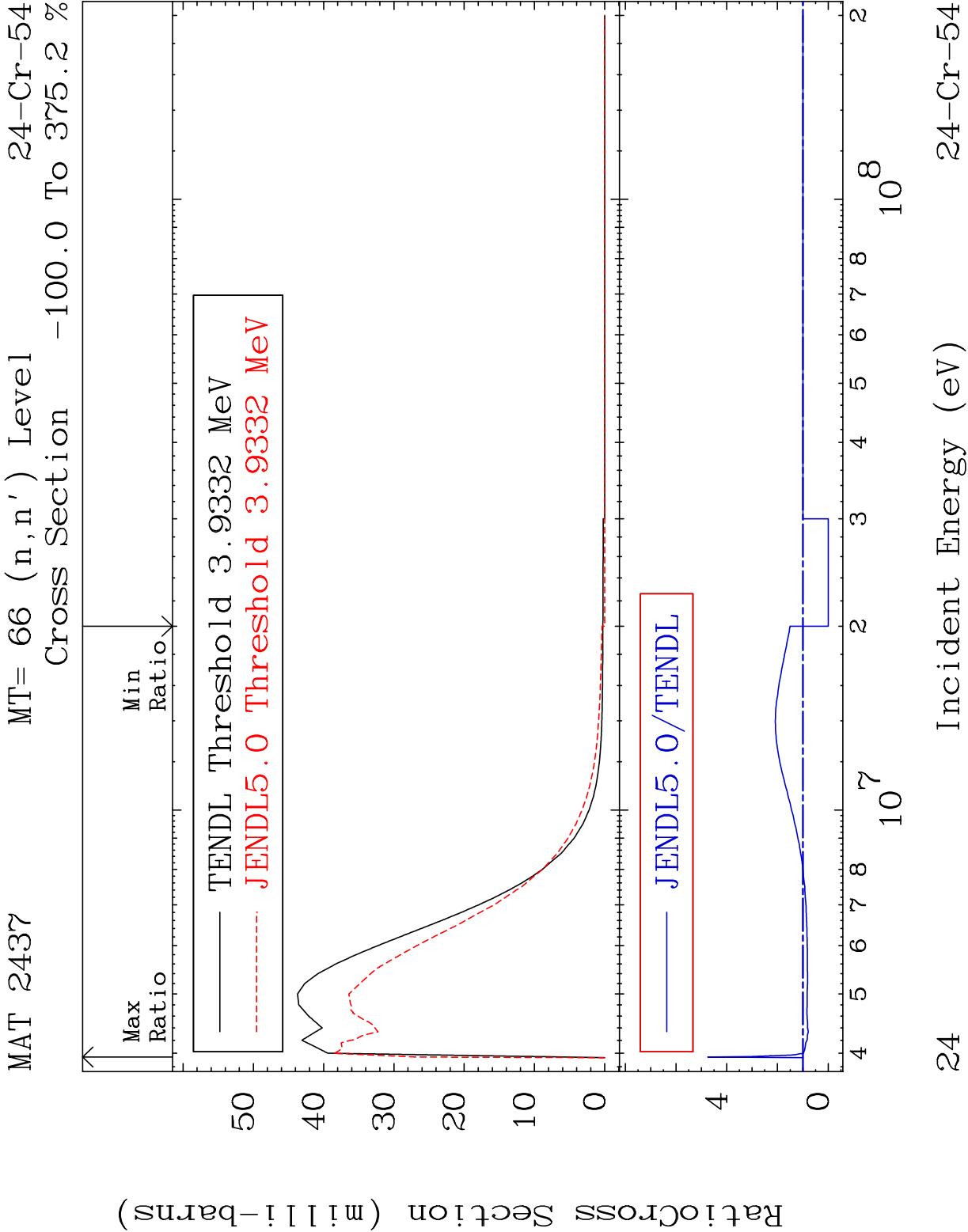


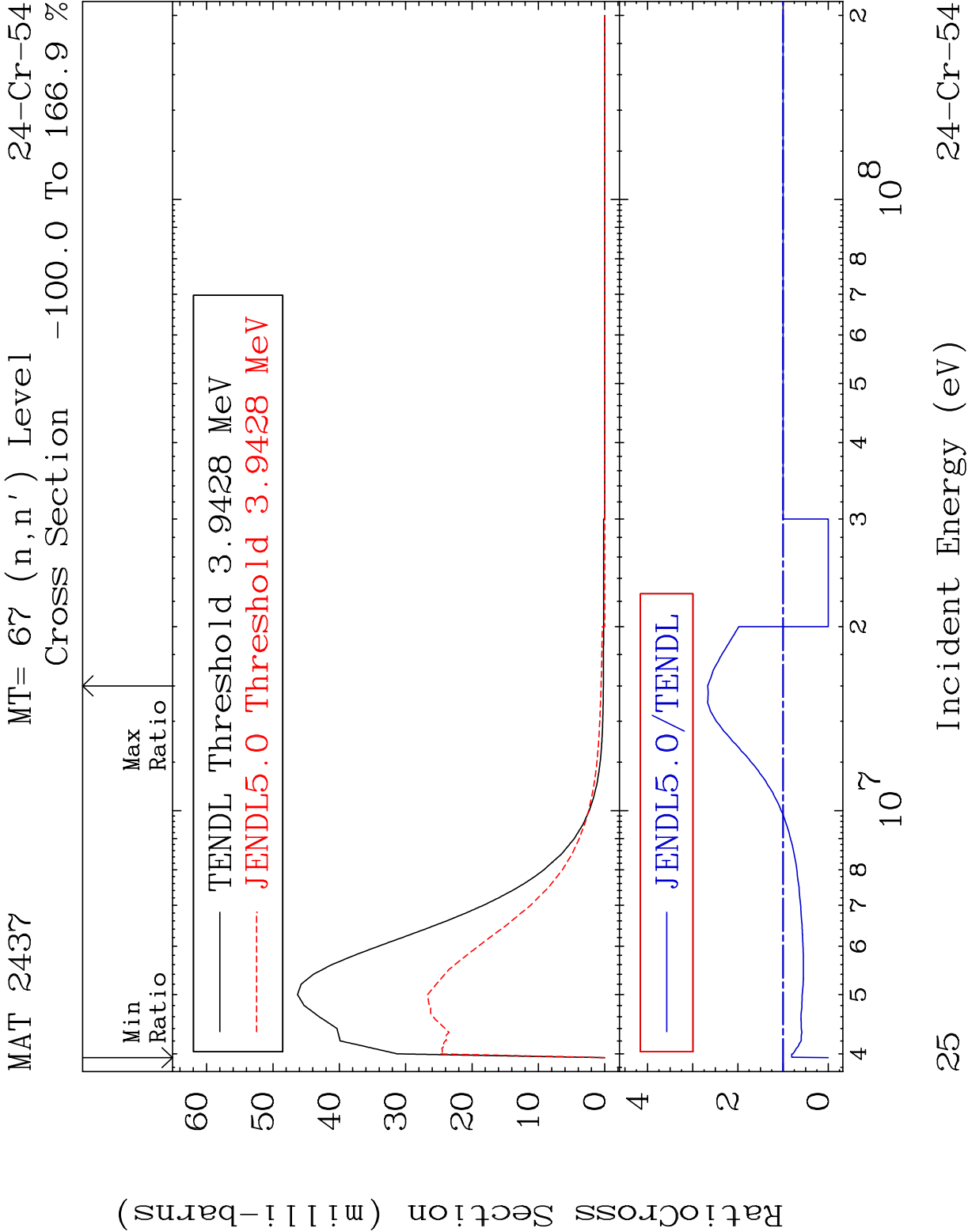


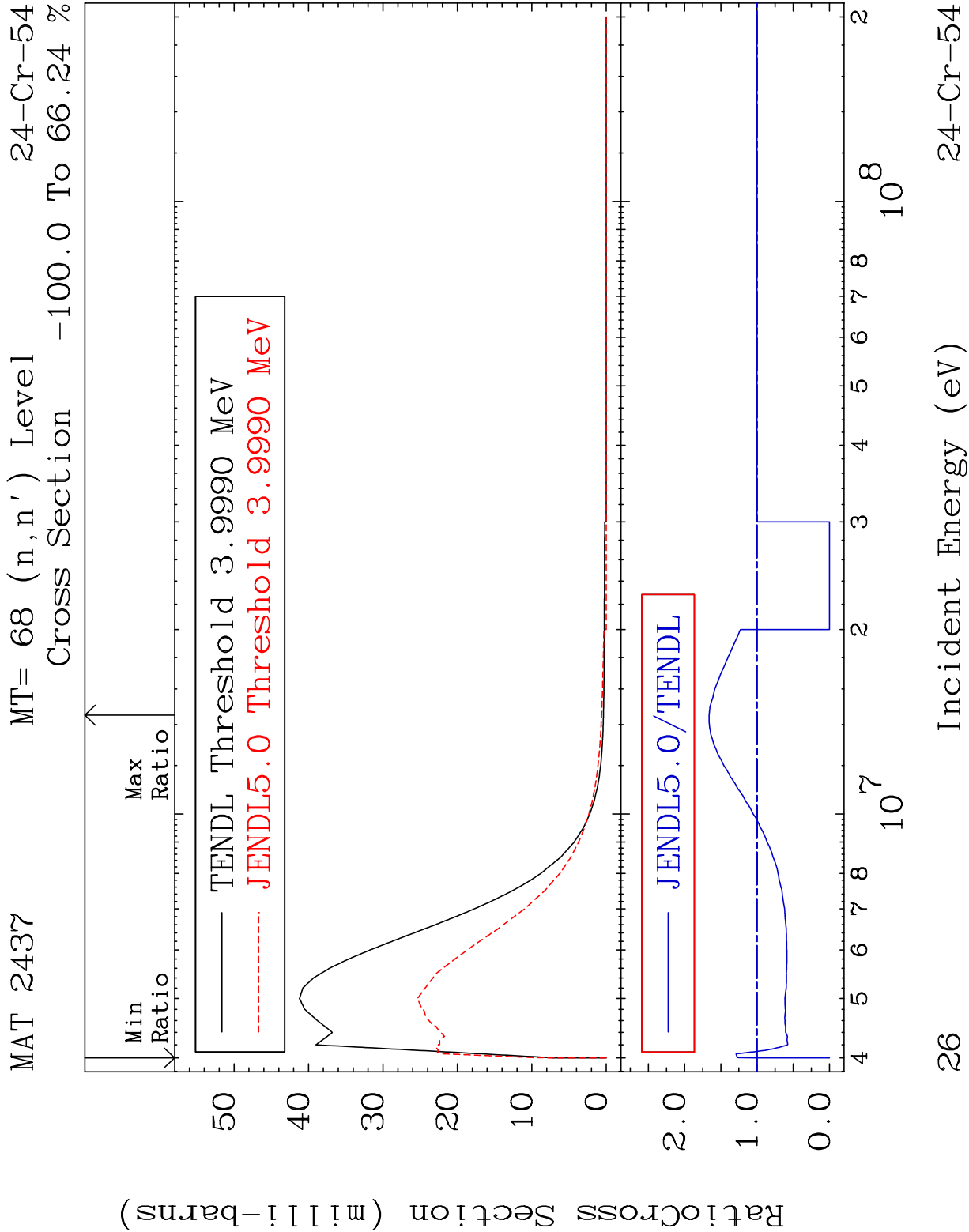




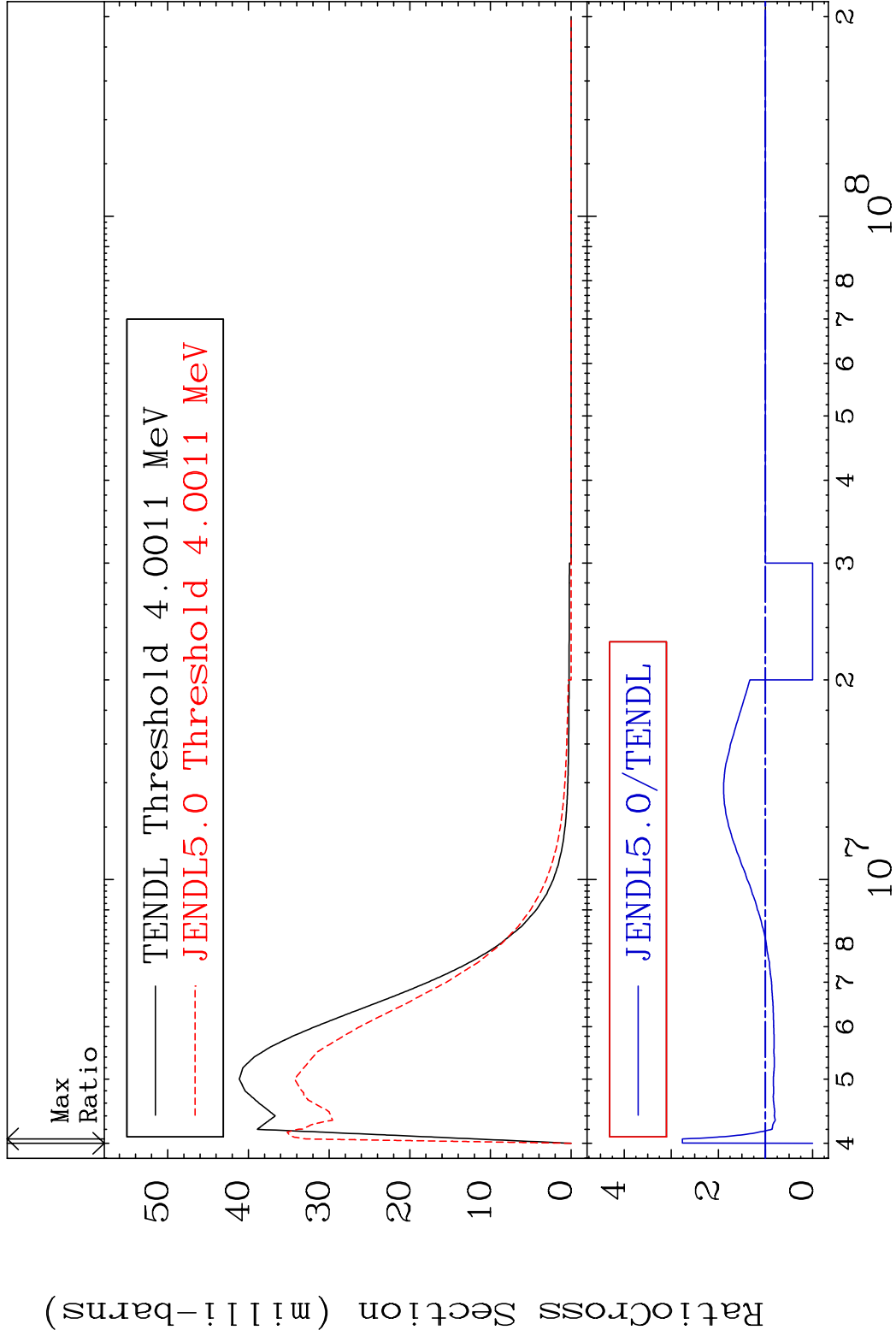


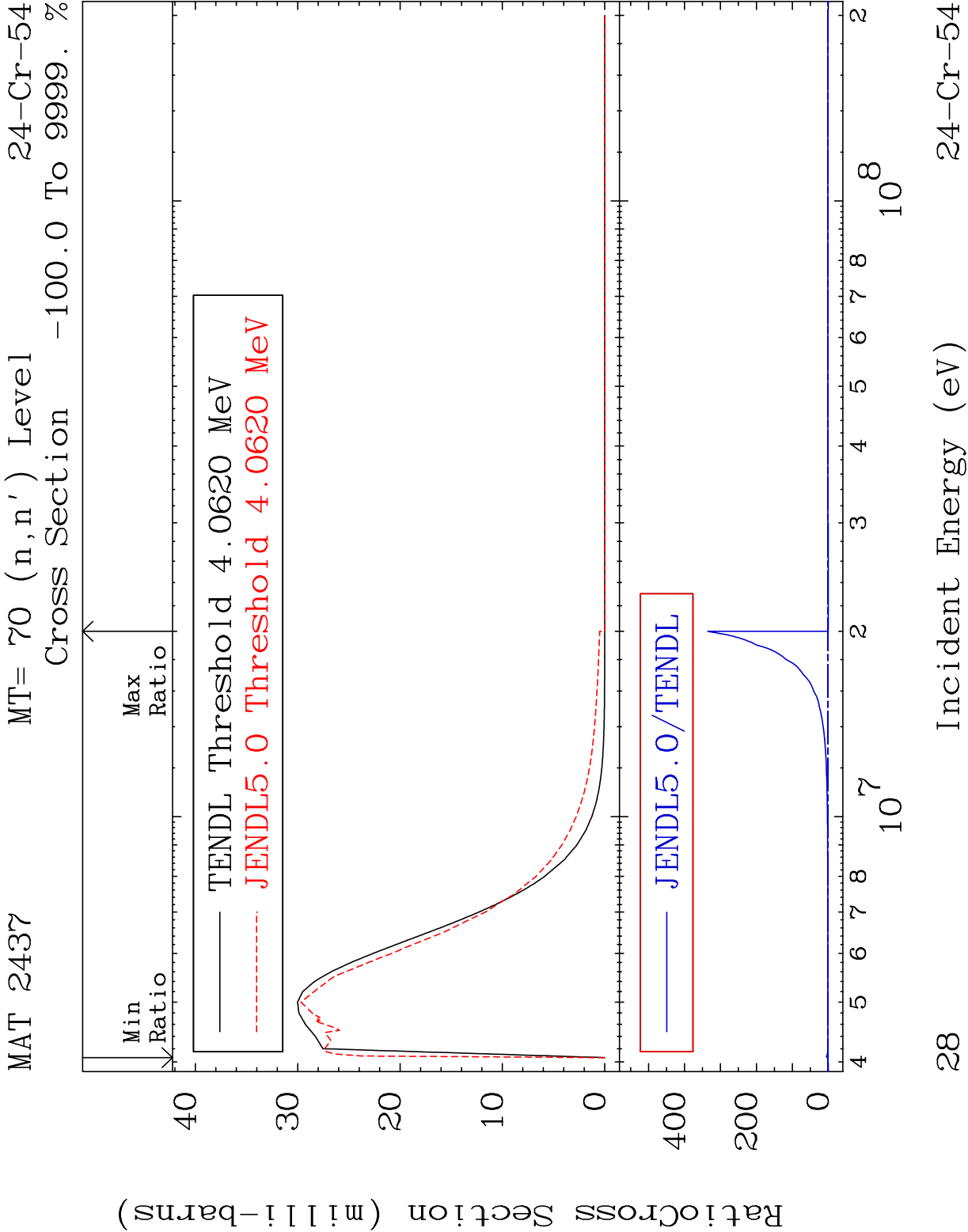






MAT 2437 MT= 69 (n,n') Level 24-Cr-54
Cross Section -100.0 To 176.4 %



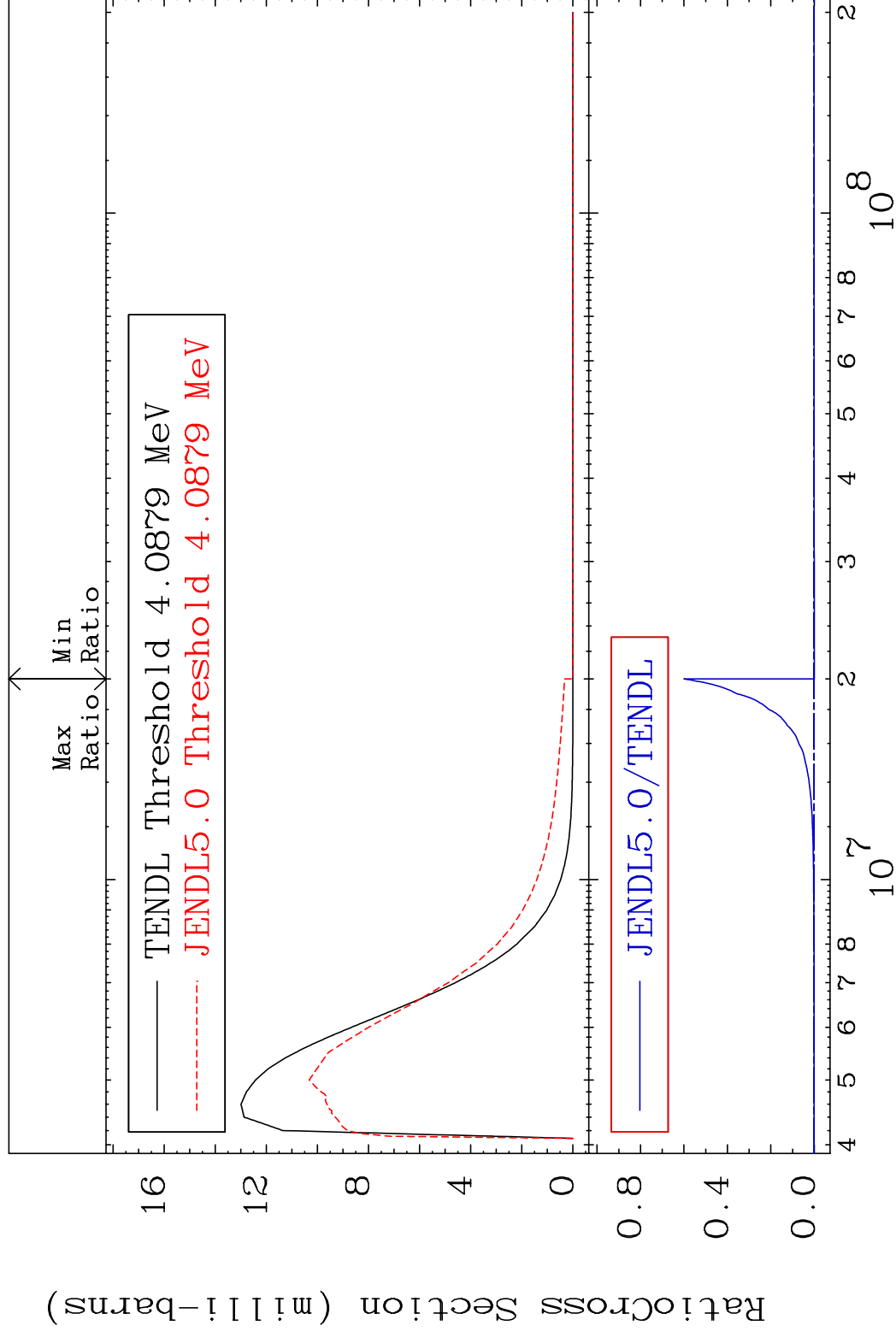


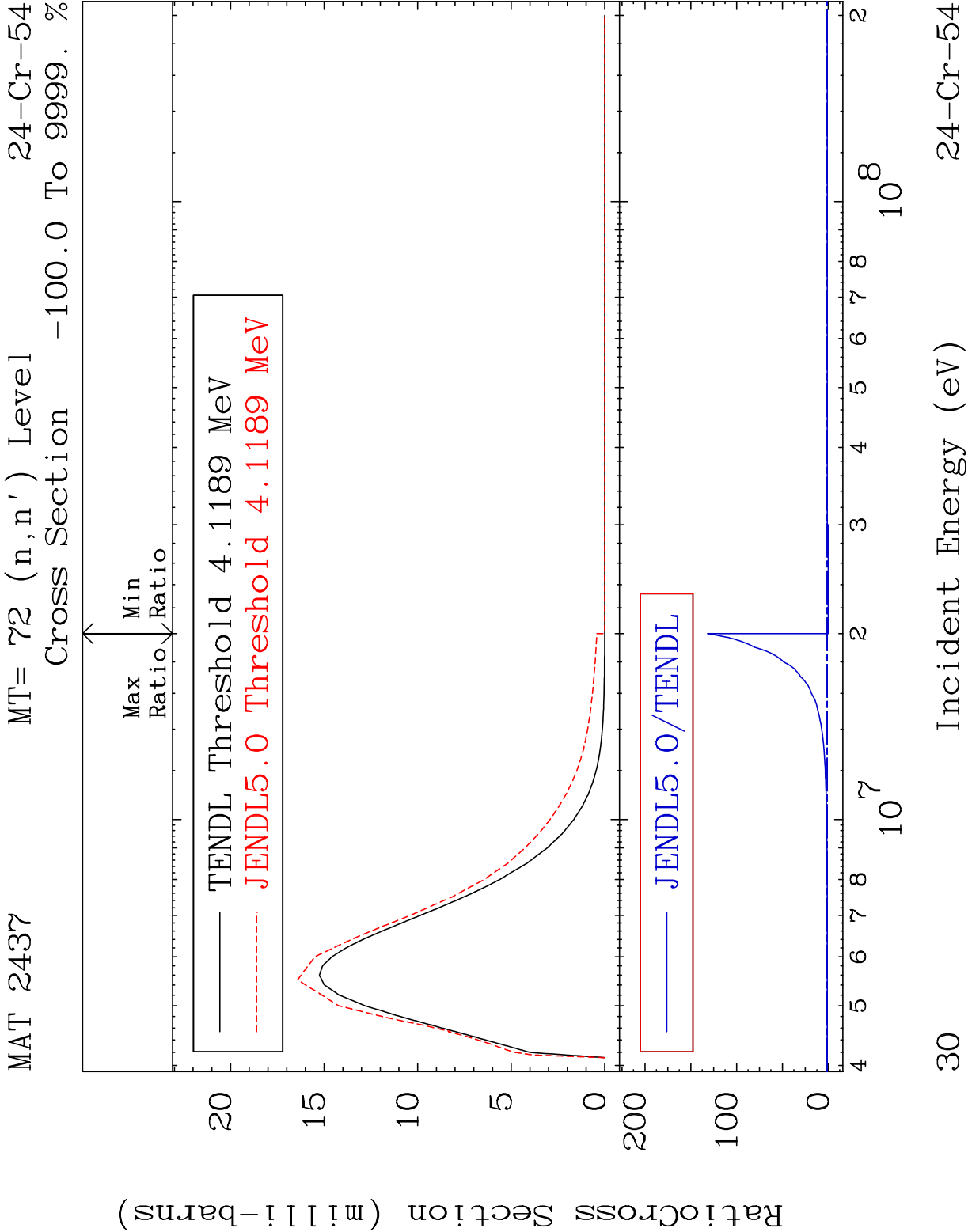
MAT 2437

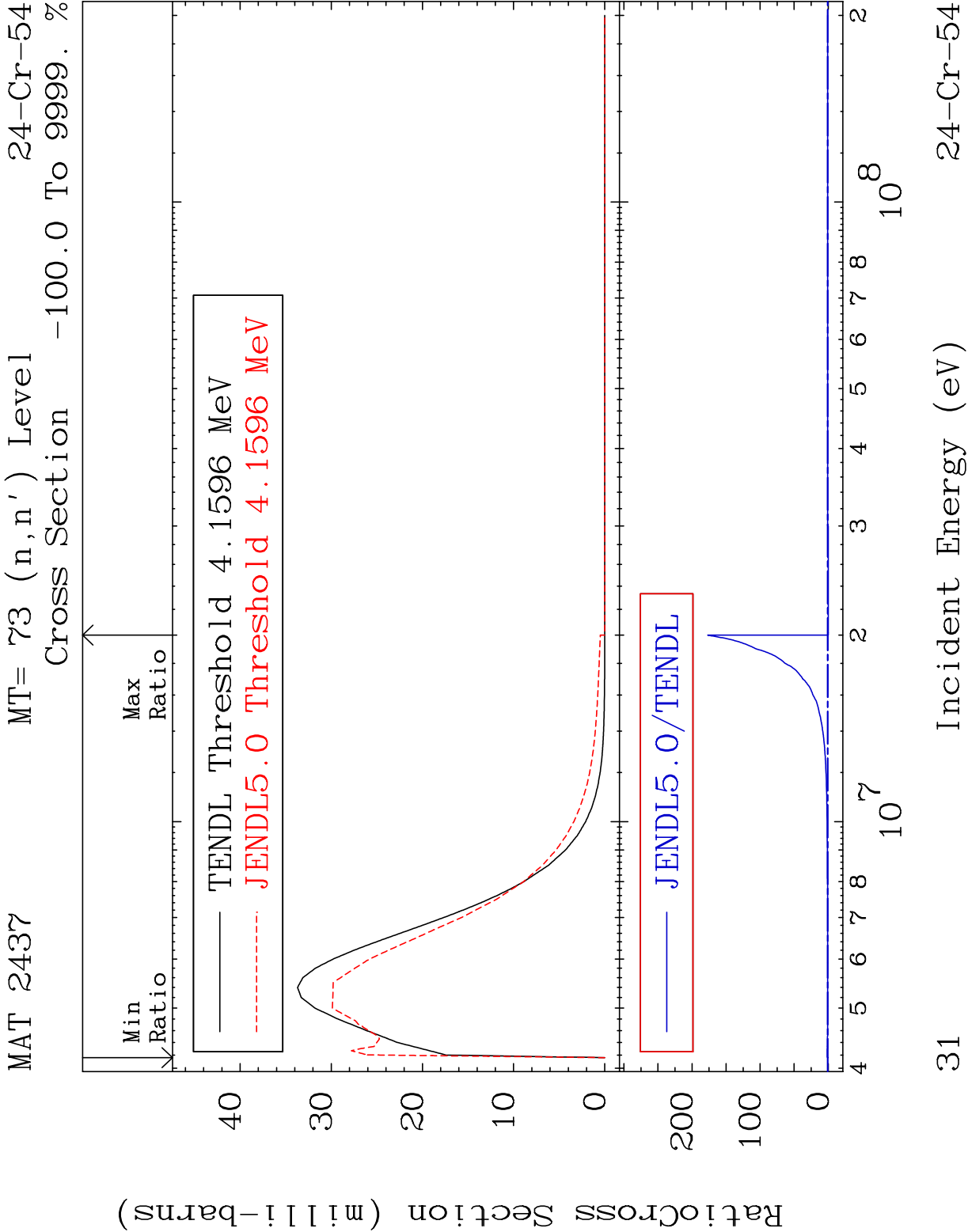
MT=71 (n,n') Level

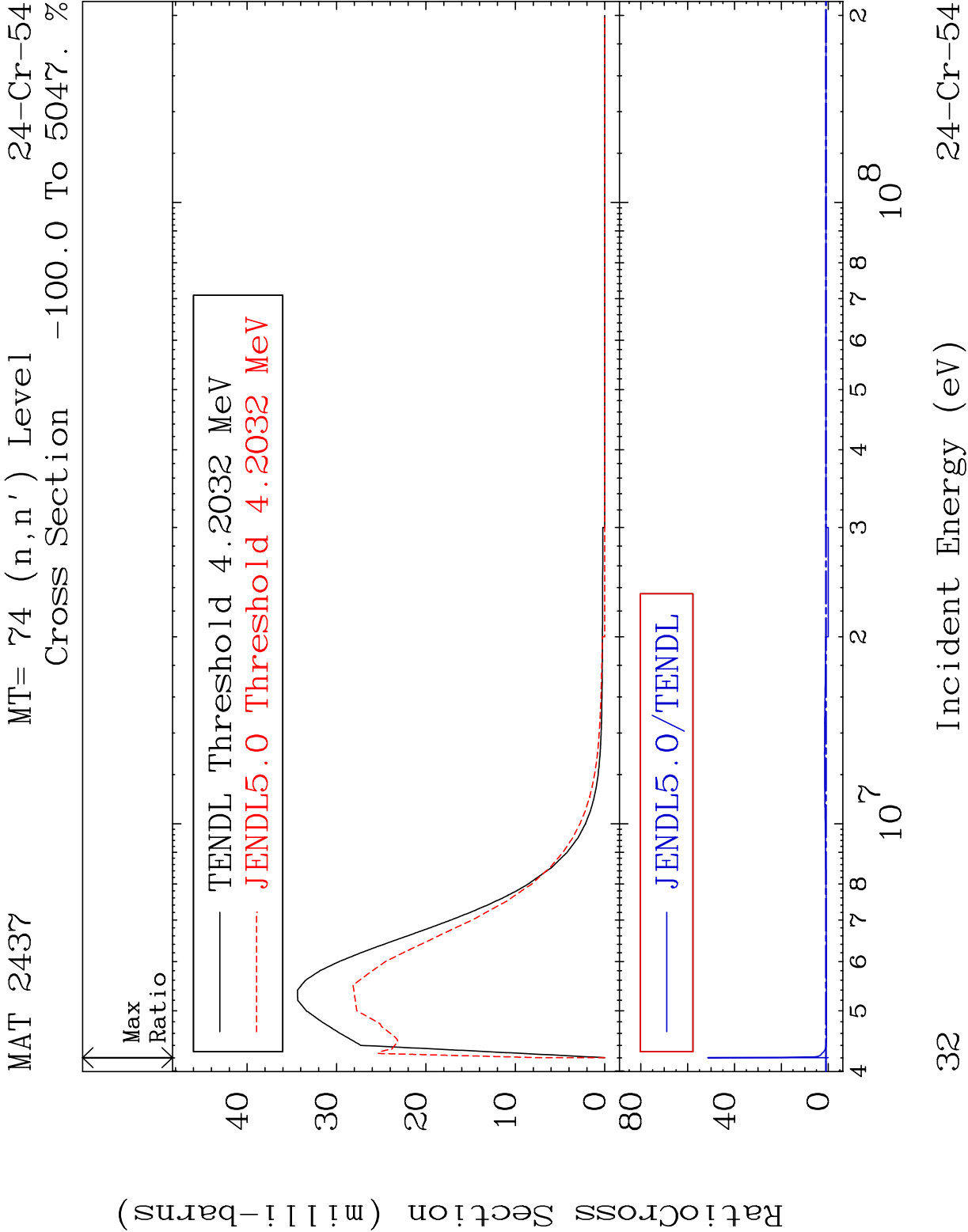
24-Cr-54

Cross Section -100.0 To 9999. %

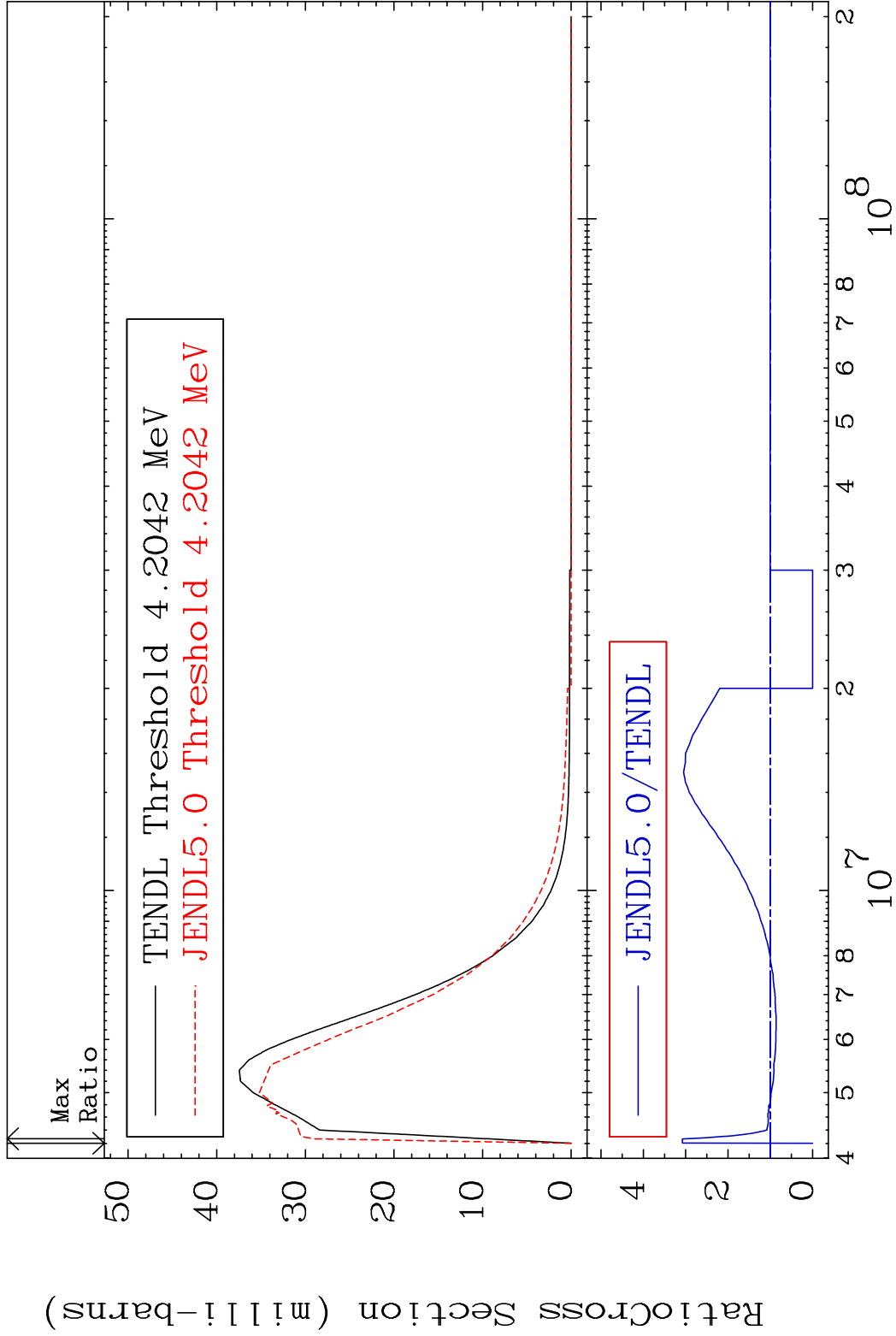


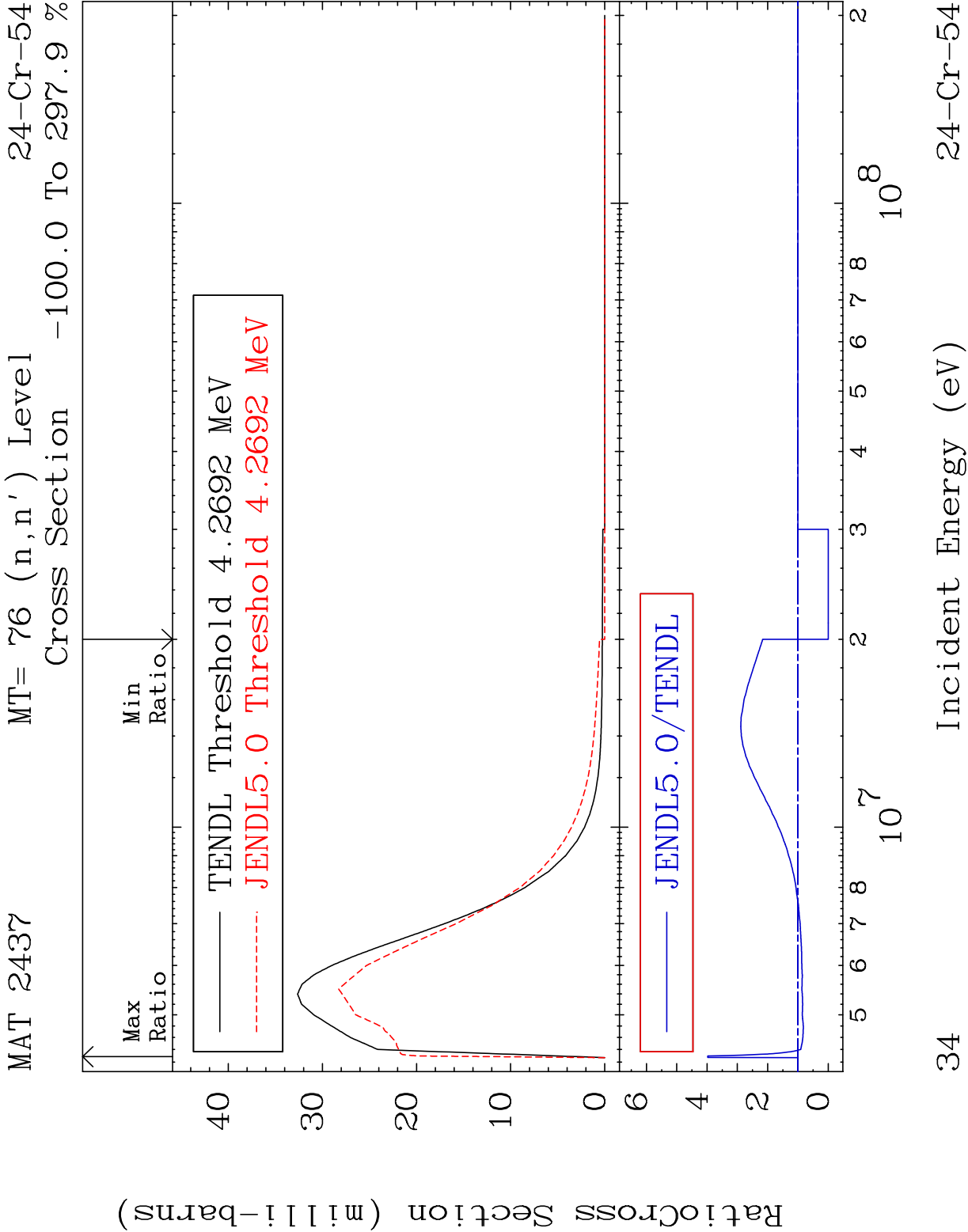




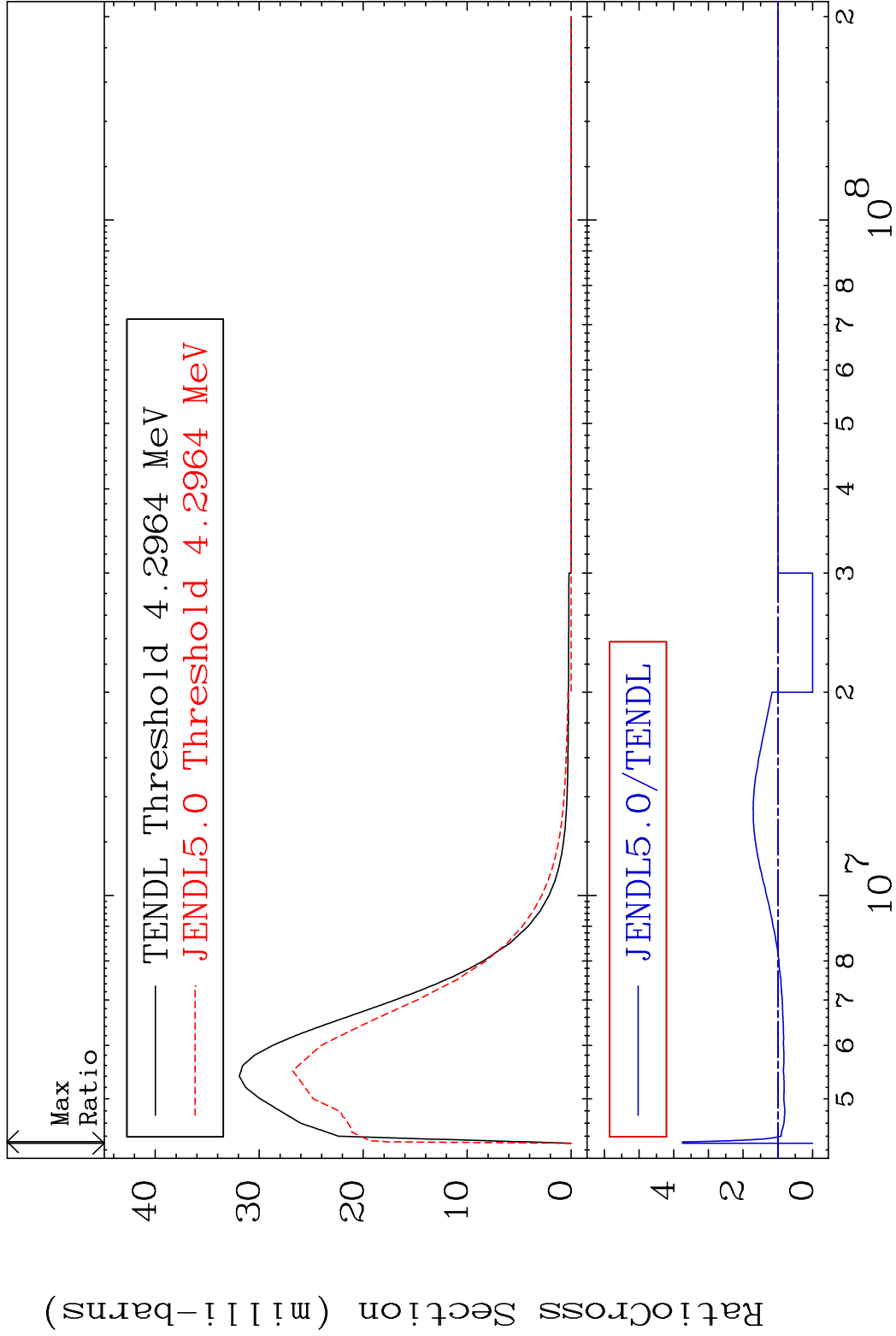


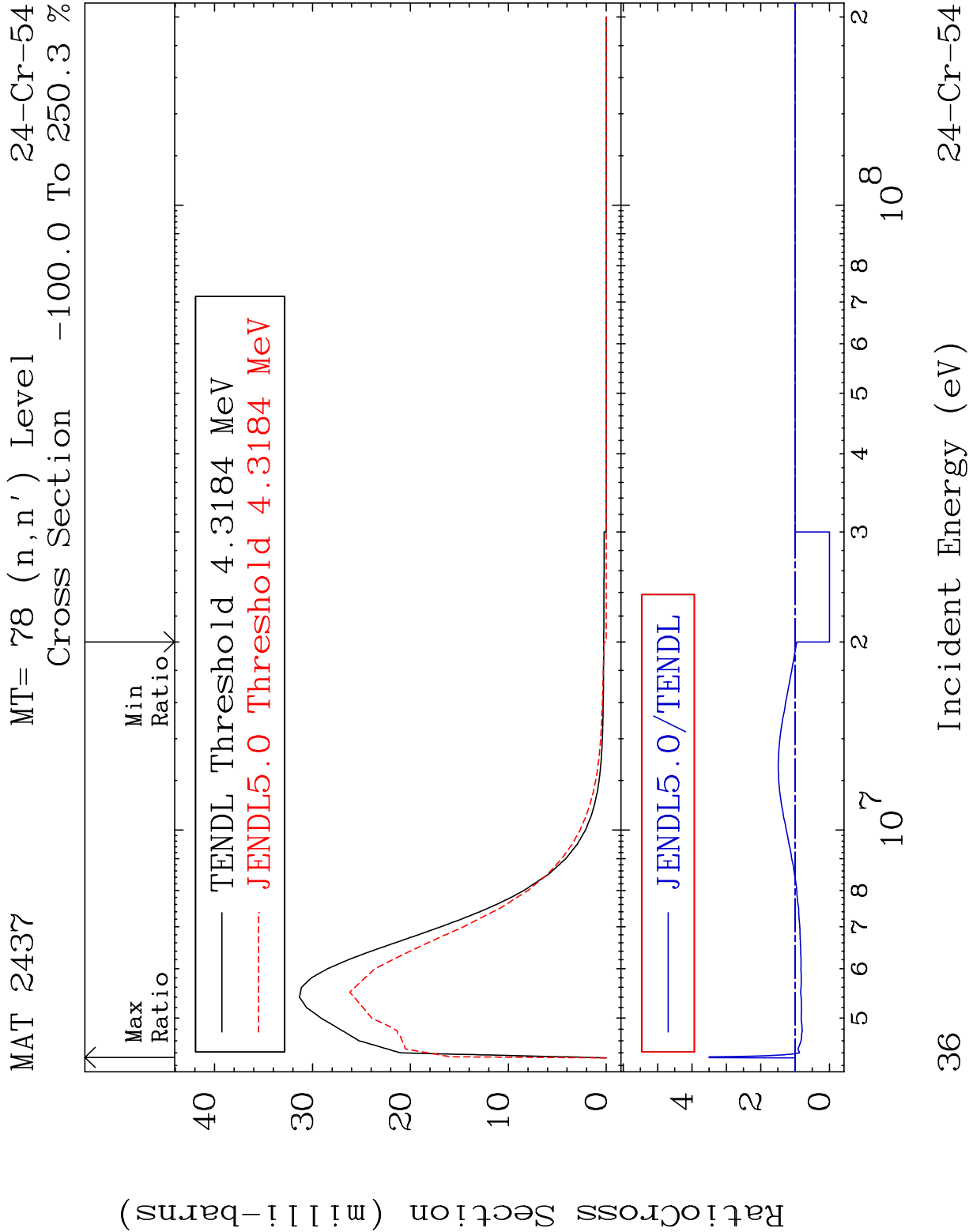
MAT 2437 MT= 75 (n,n') Level 24-Cr-54
Cross Section -100.0 To 207.8 %





MAT 2437 MT= 77 (n,n') Level 24-Cr-54
Cross Section -100.0 To 275.2 %



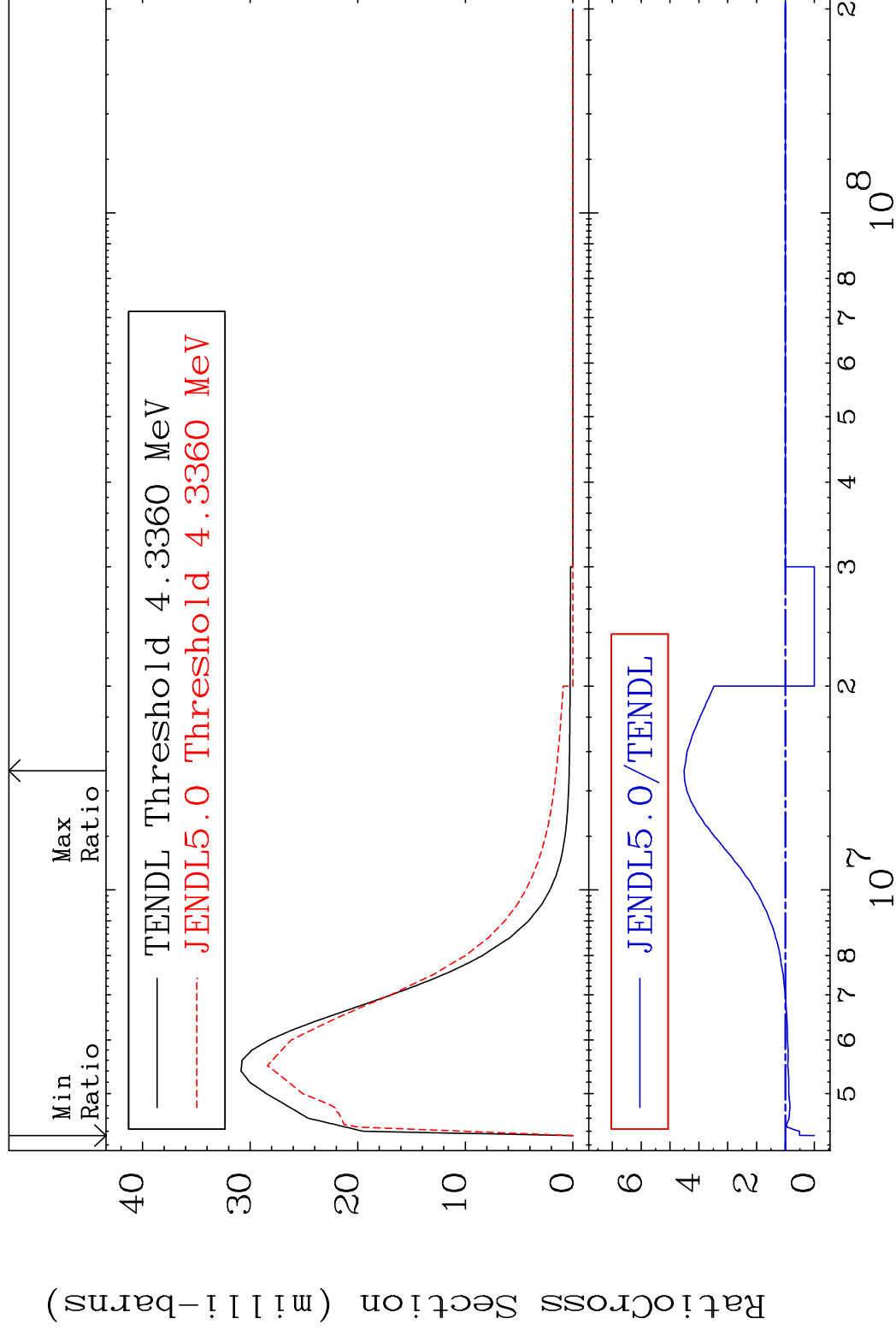


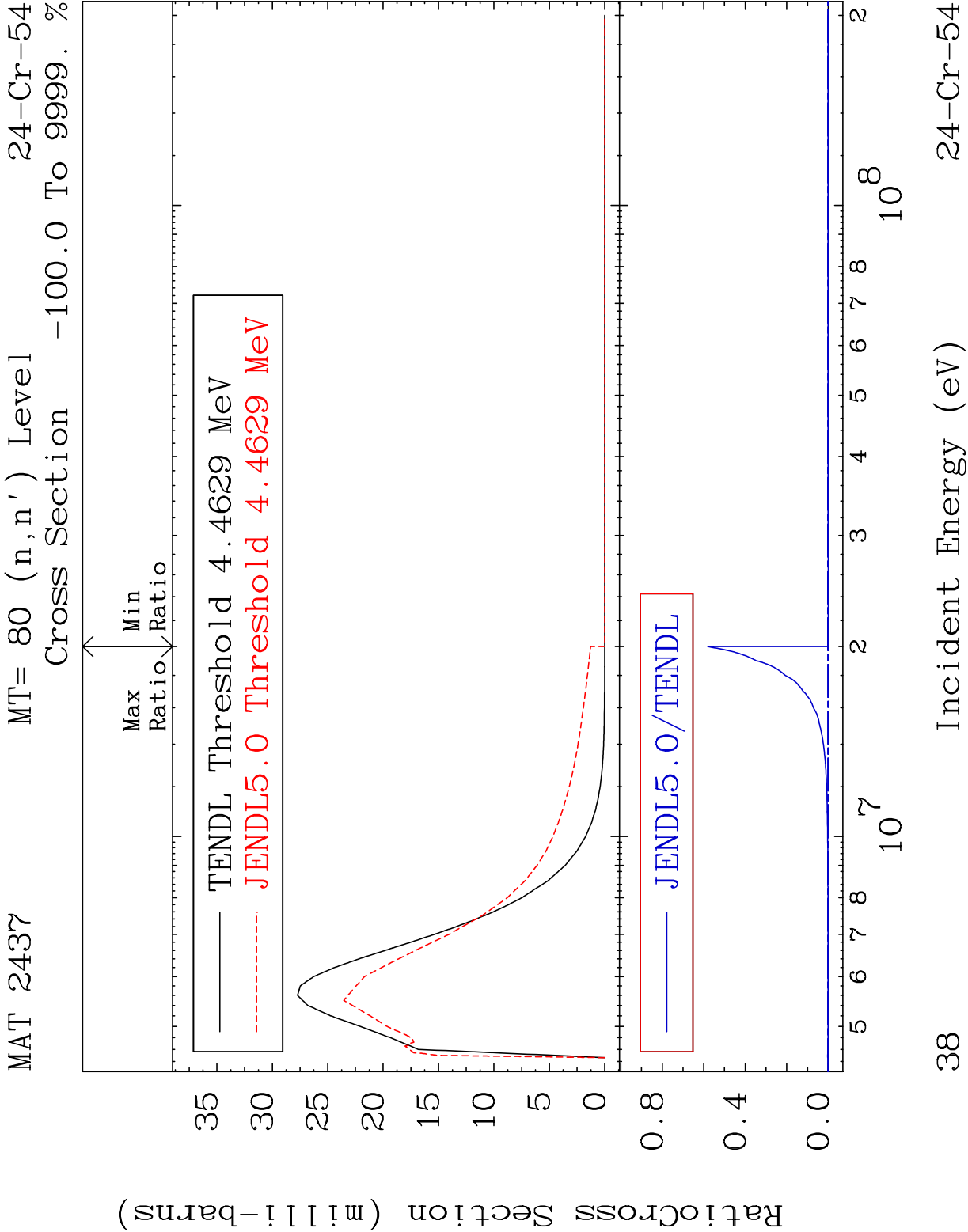
MAT 2437

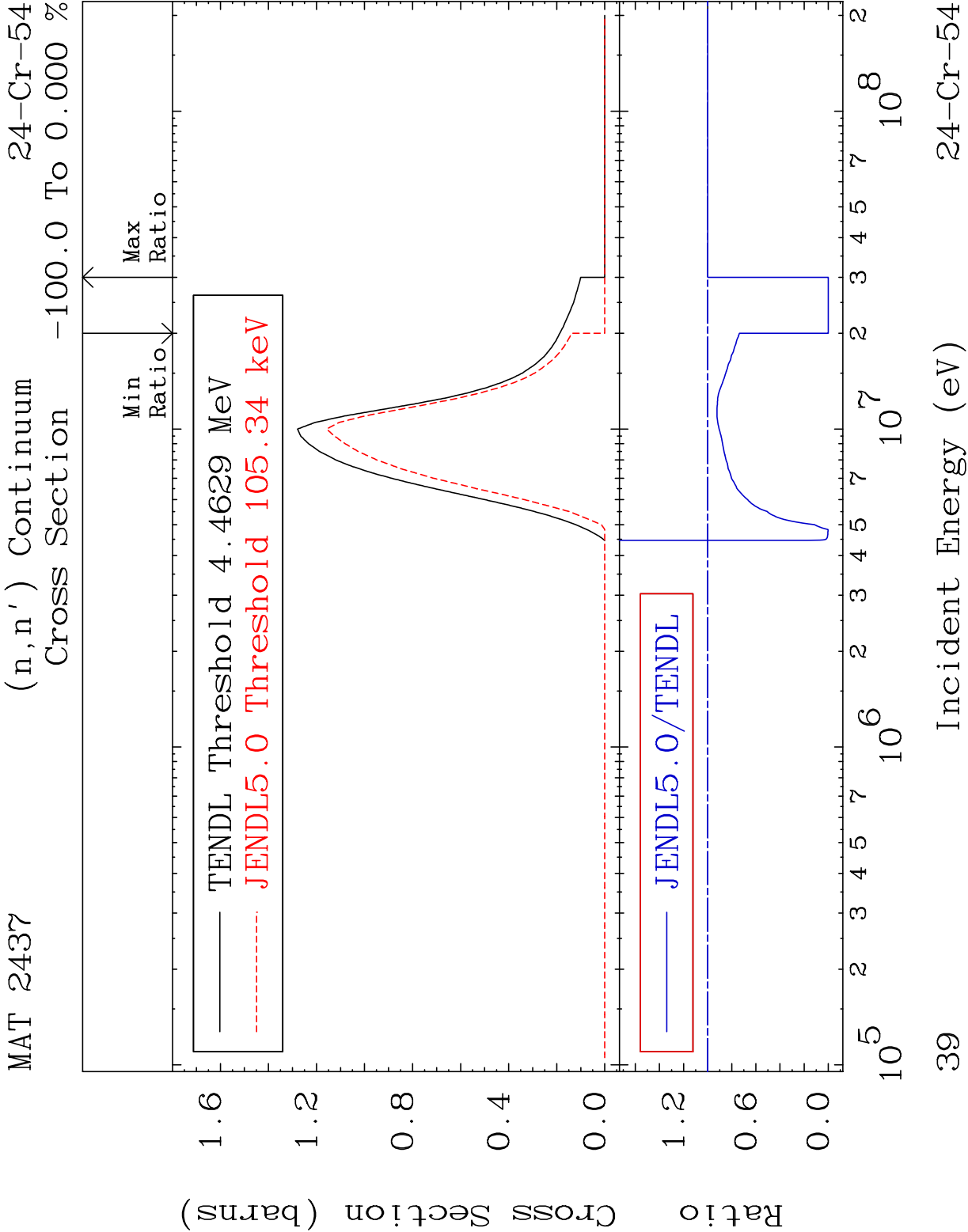
MT= 79 (n, n') Level

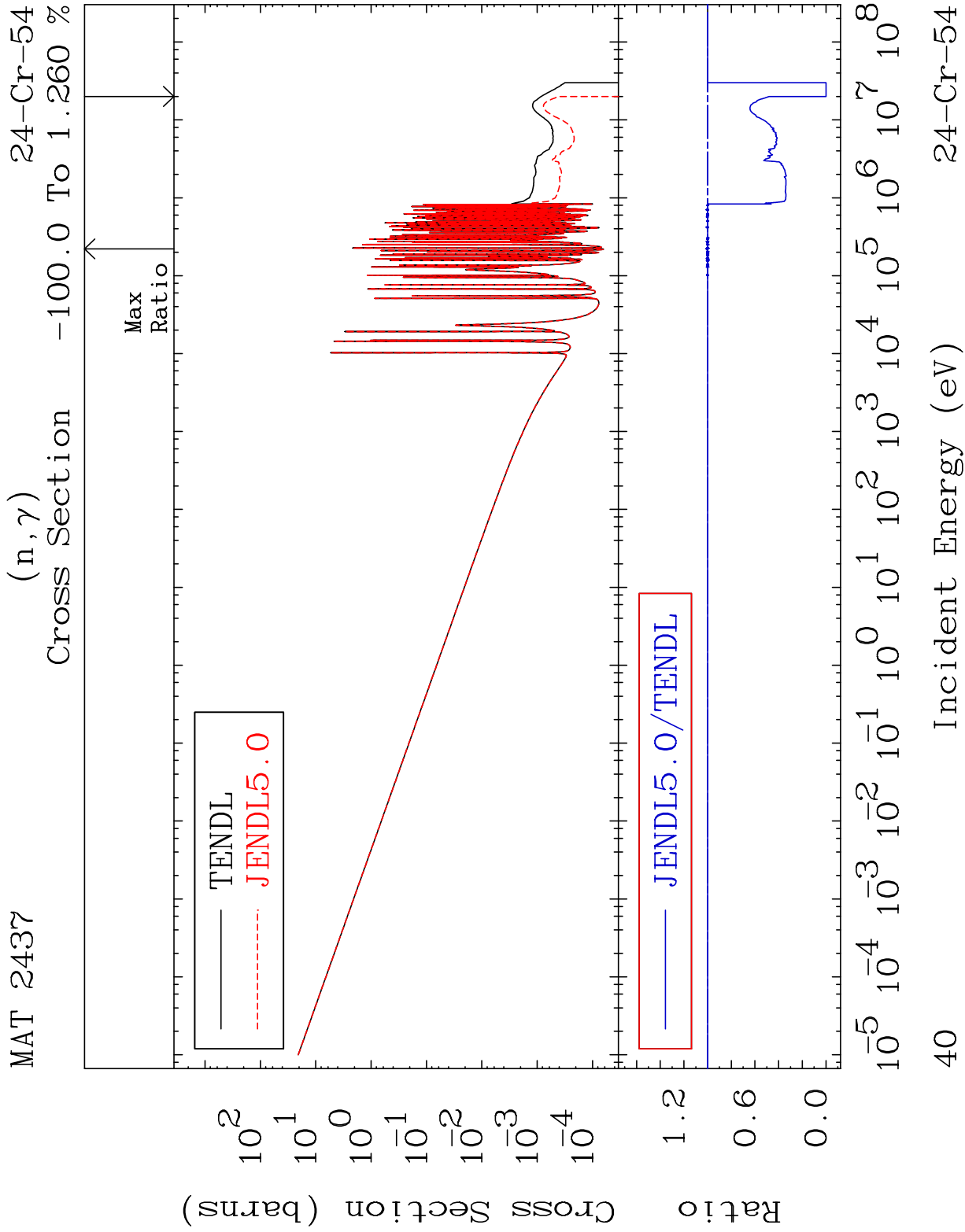
24-Cr-54

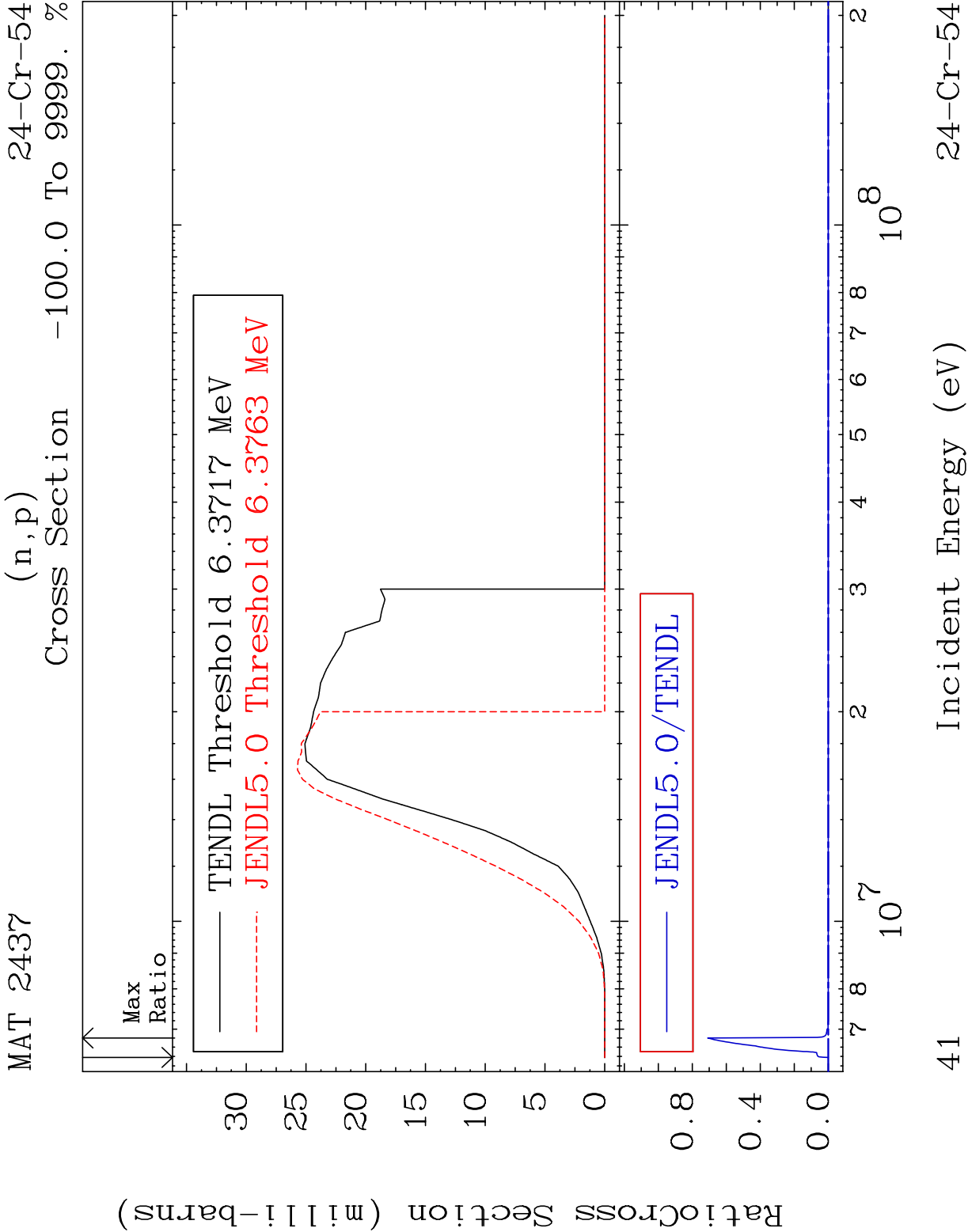
Cross Section	-100.0 To 351.2 %









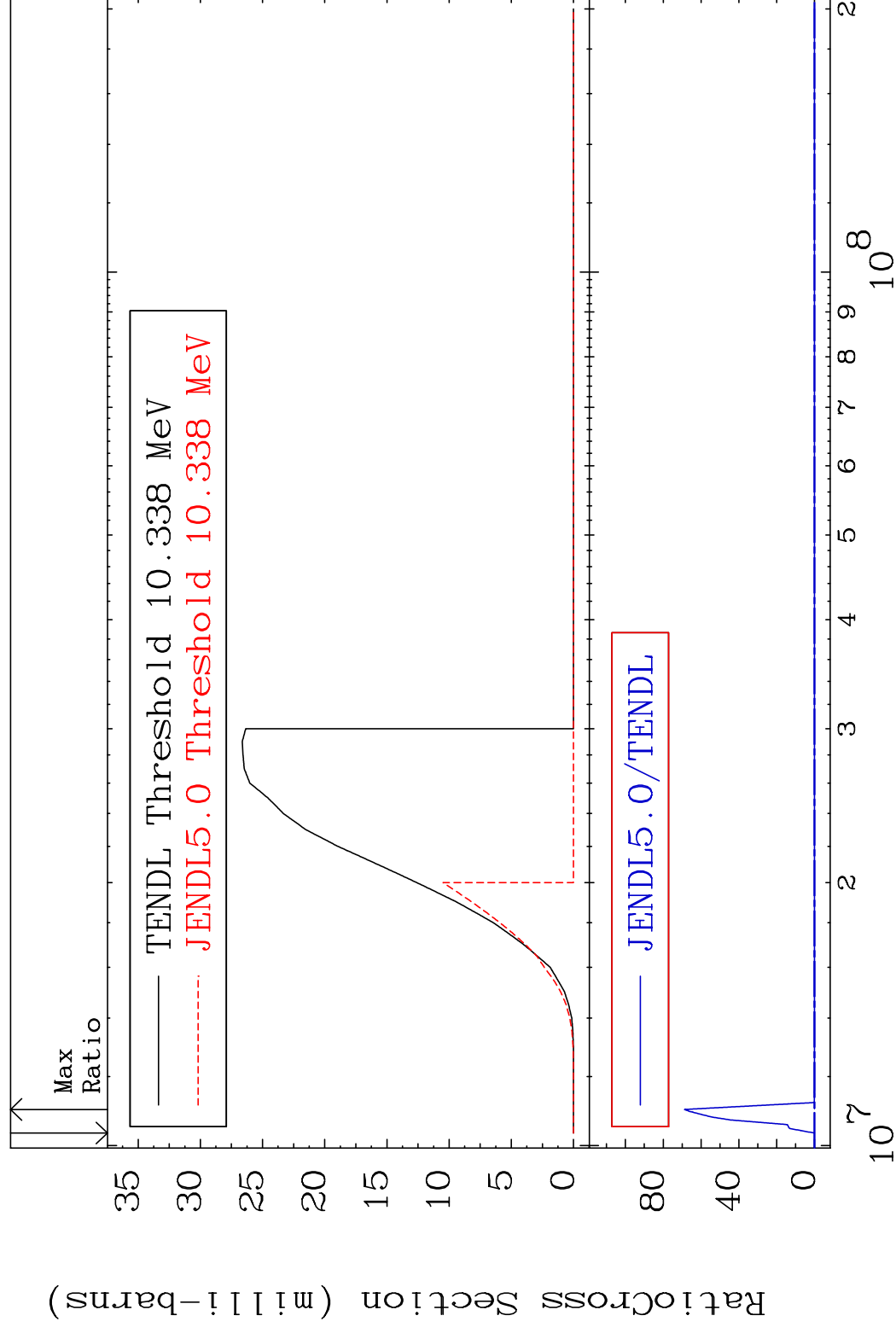


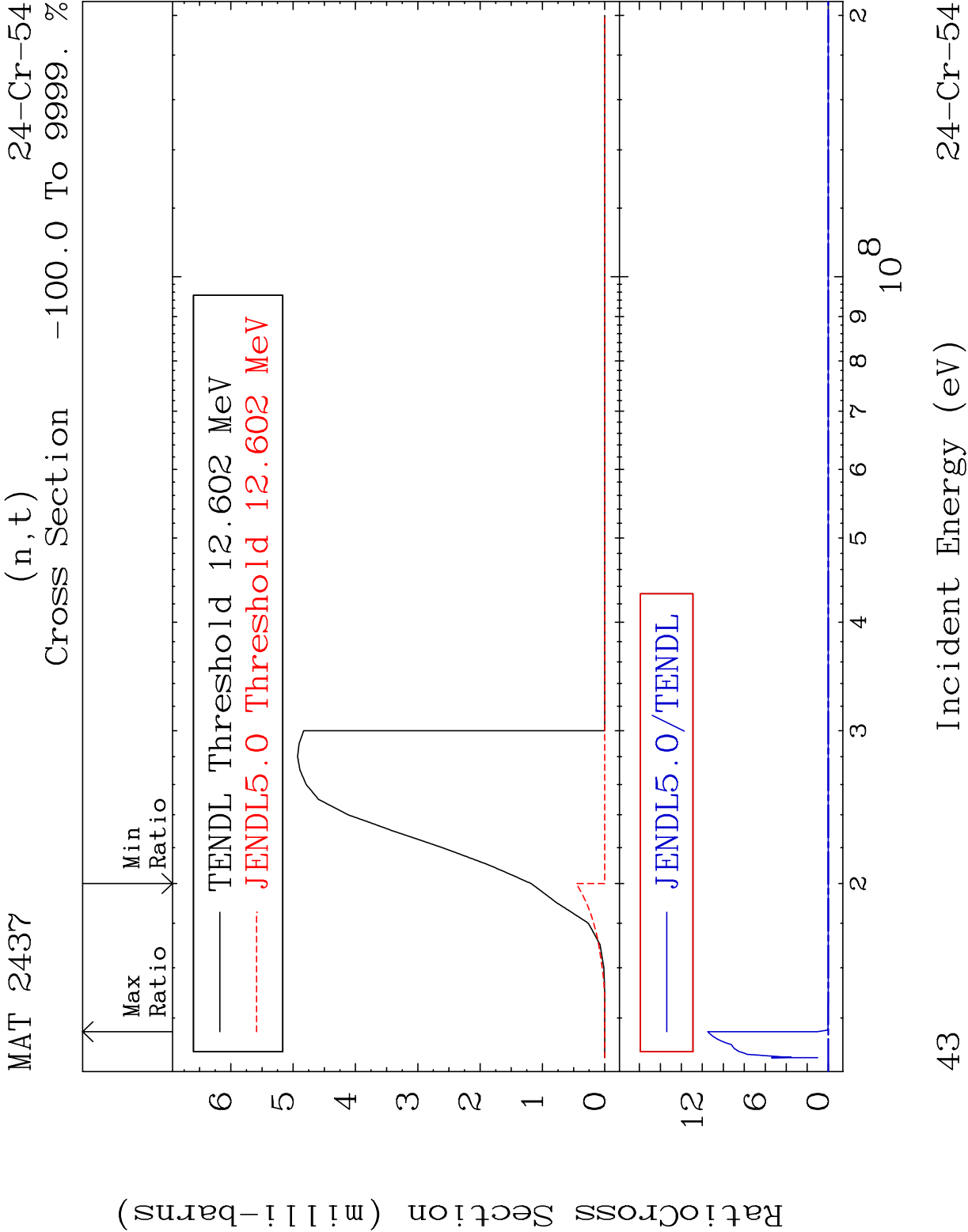
MAT 2437

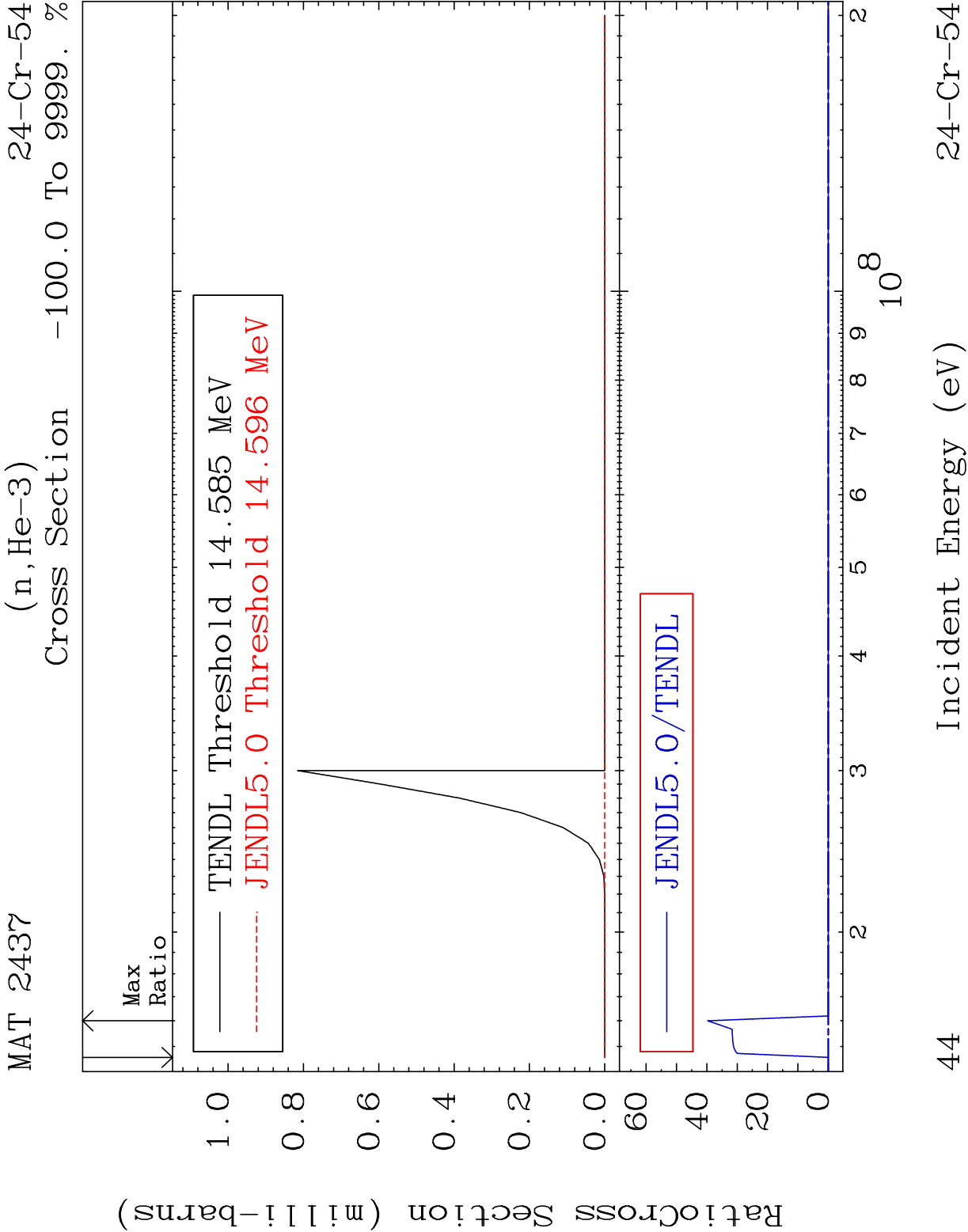
 (n, d)

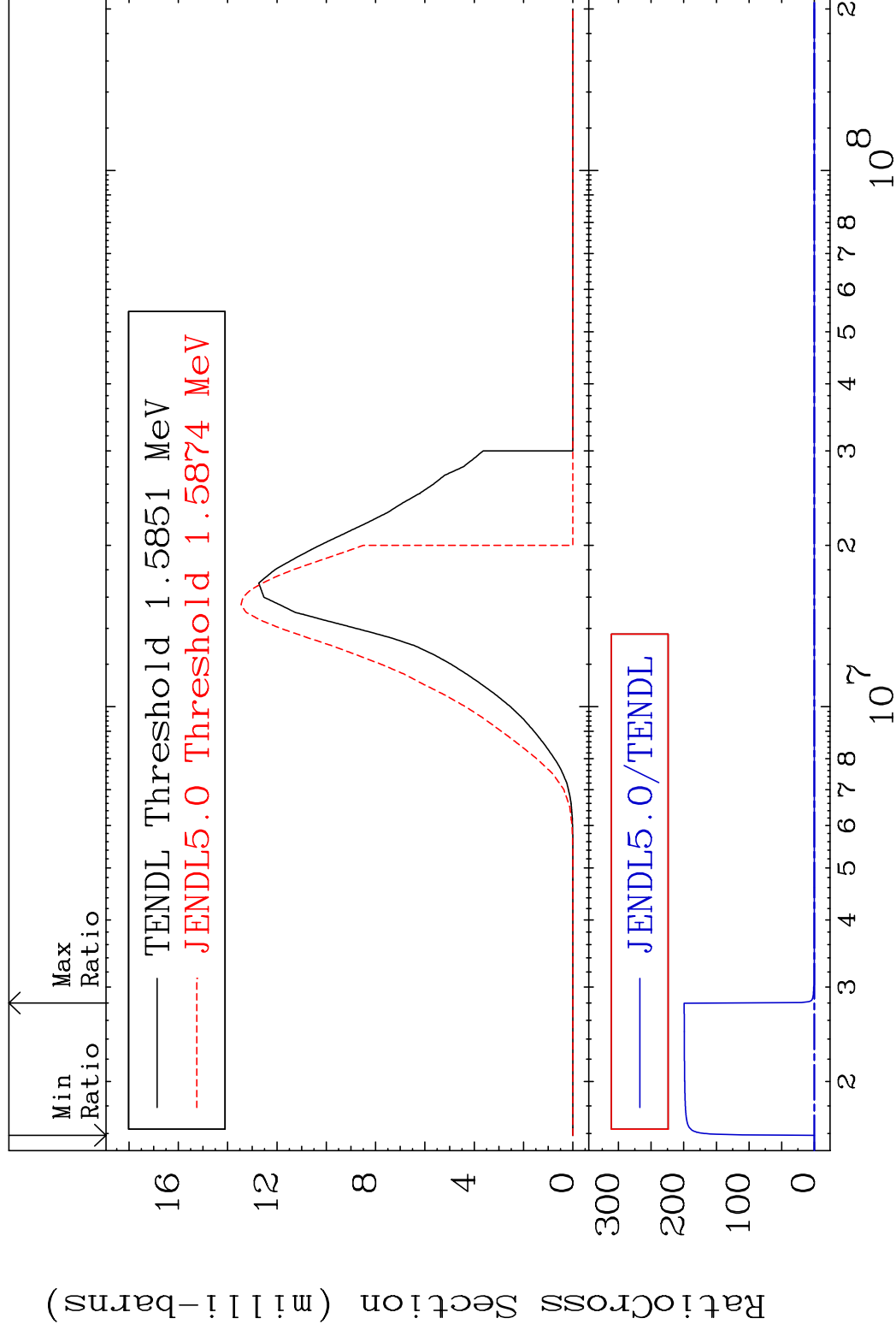
24-Cr-54

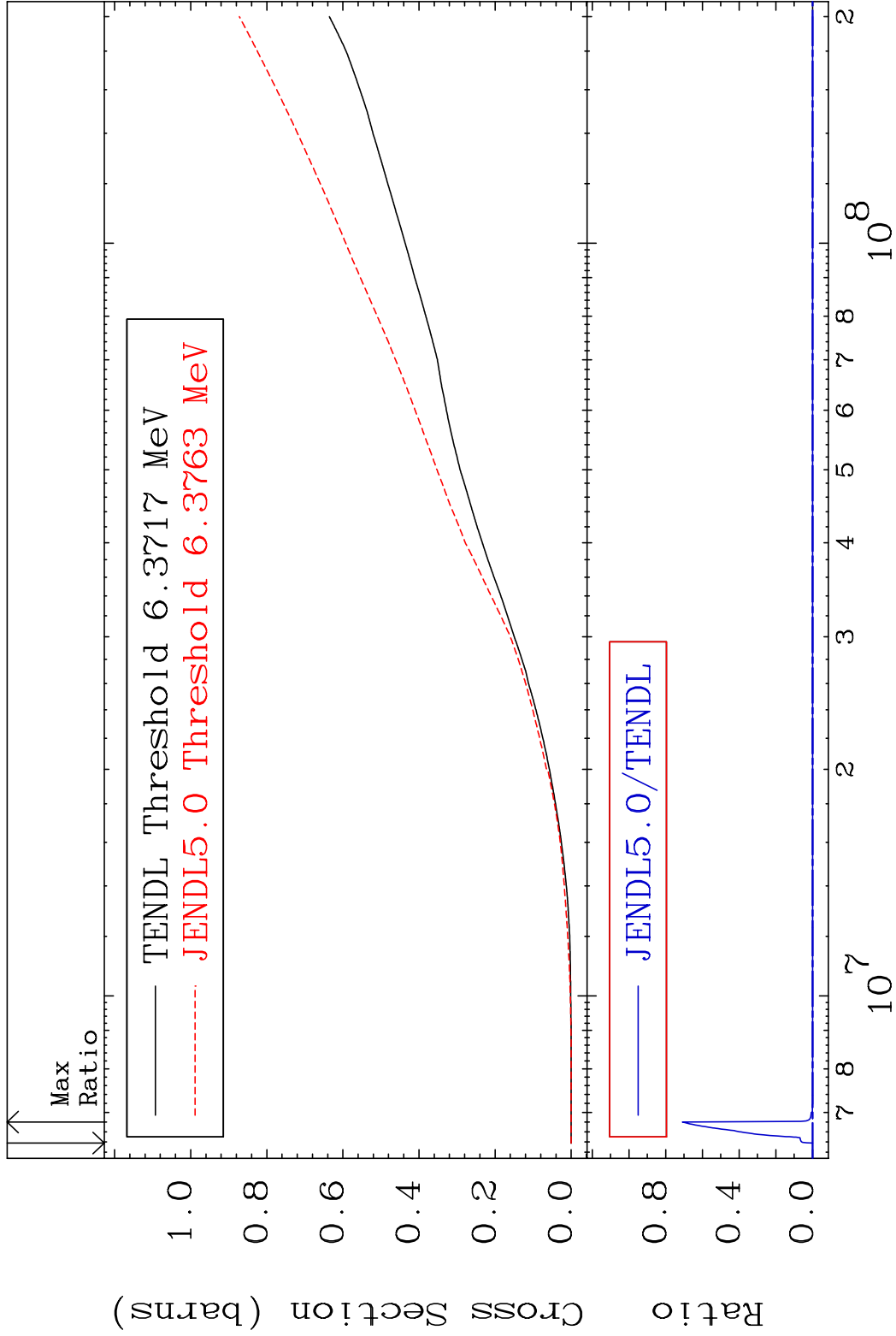
Cross Section -100.0 To 9999. %

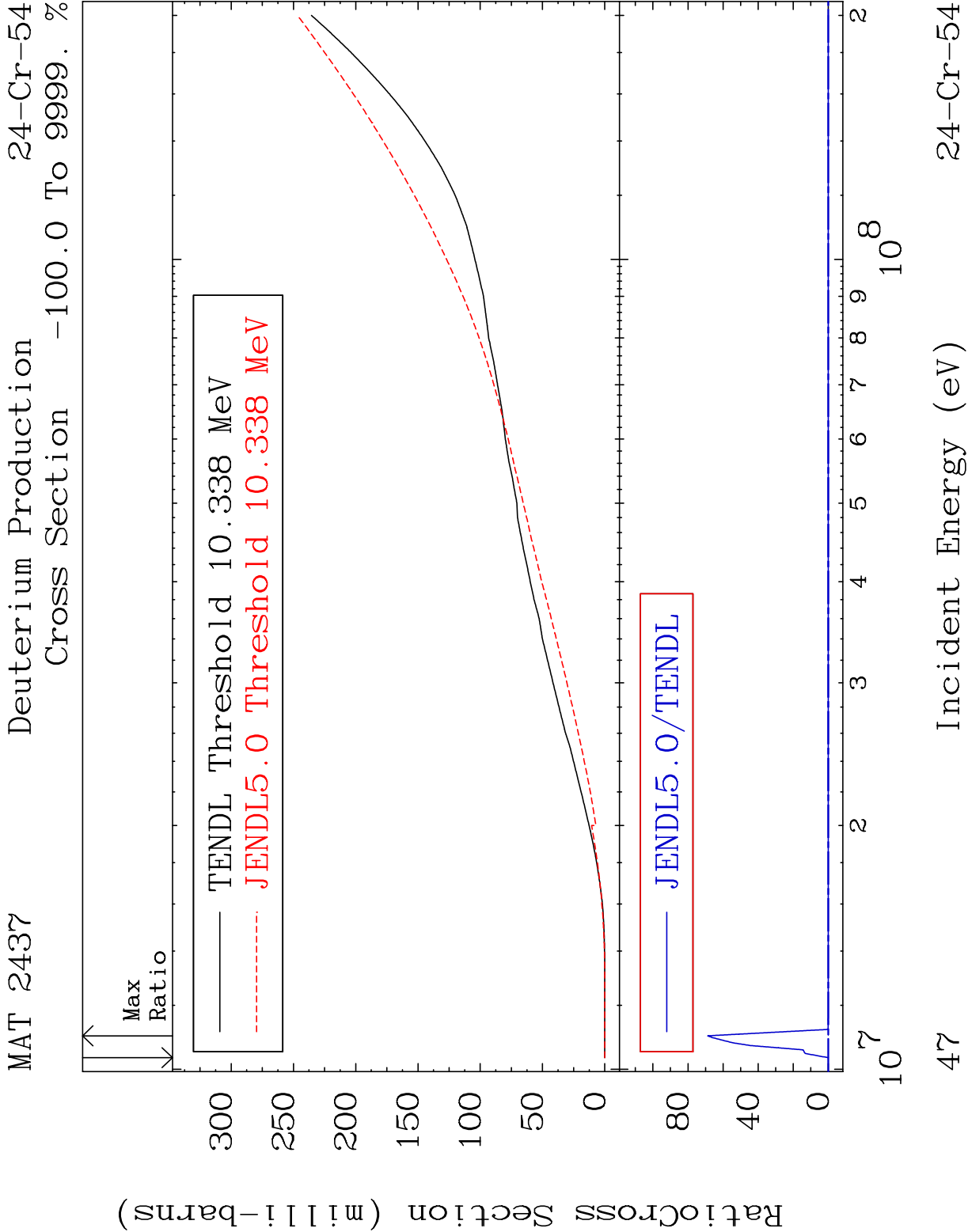


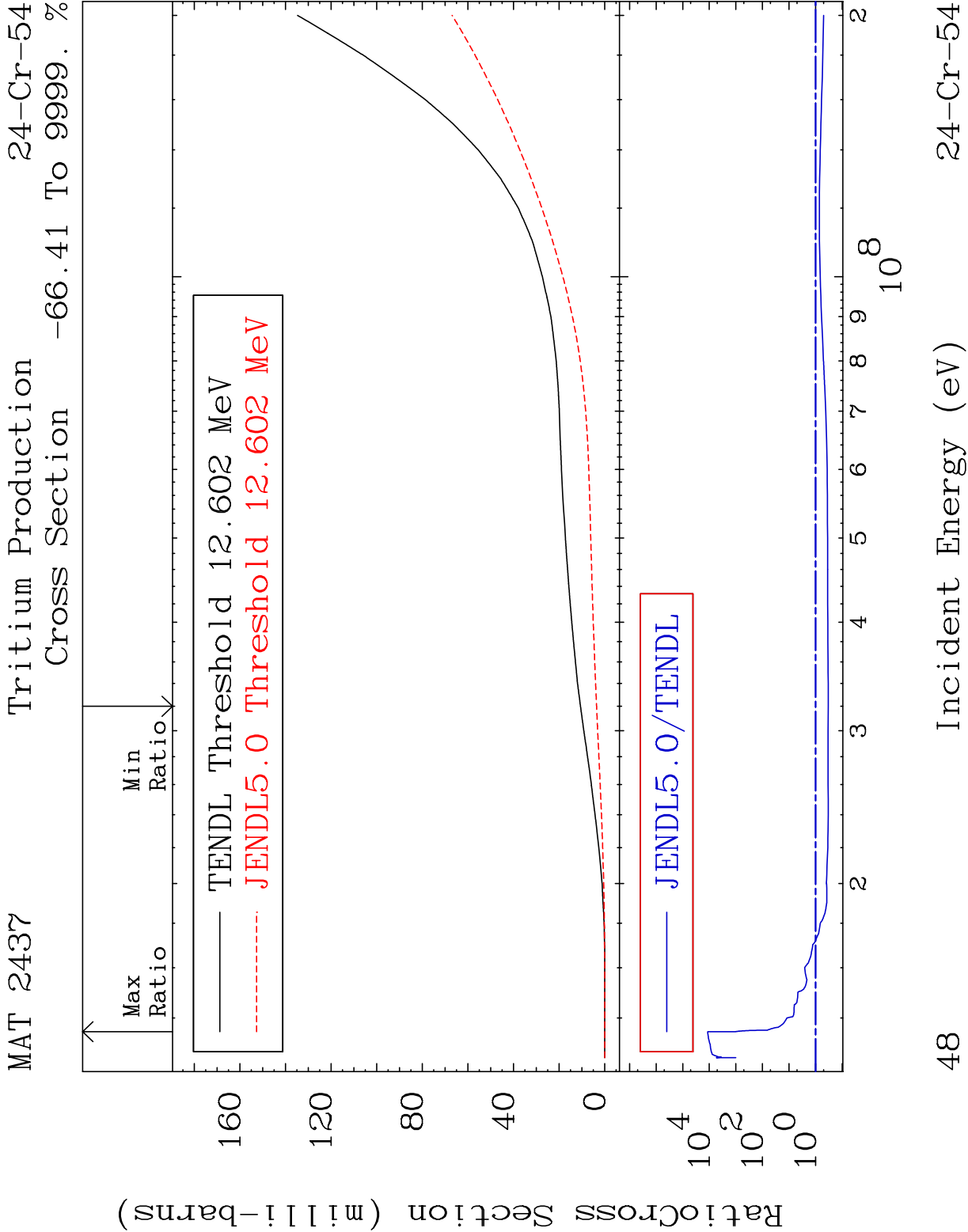


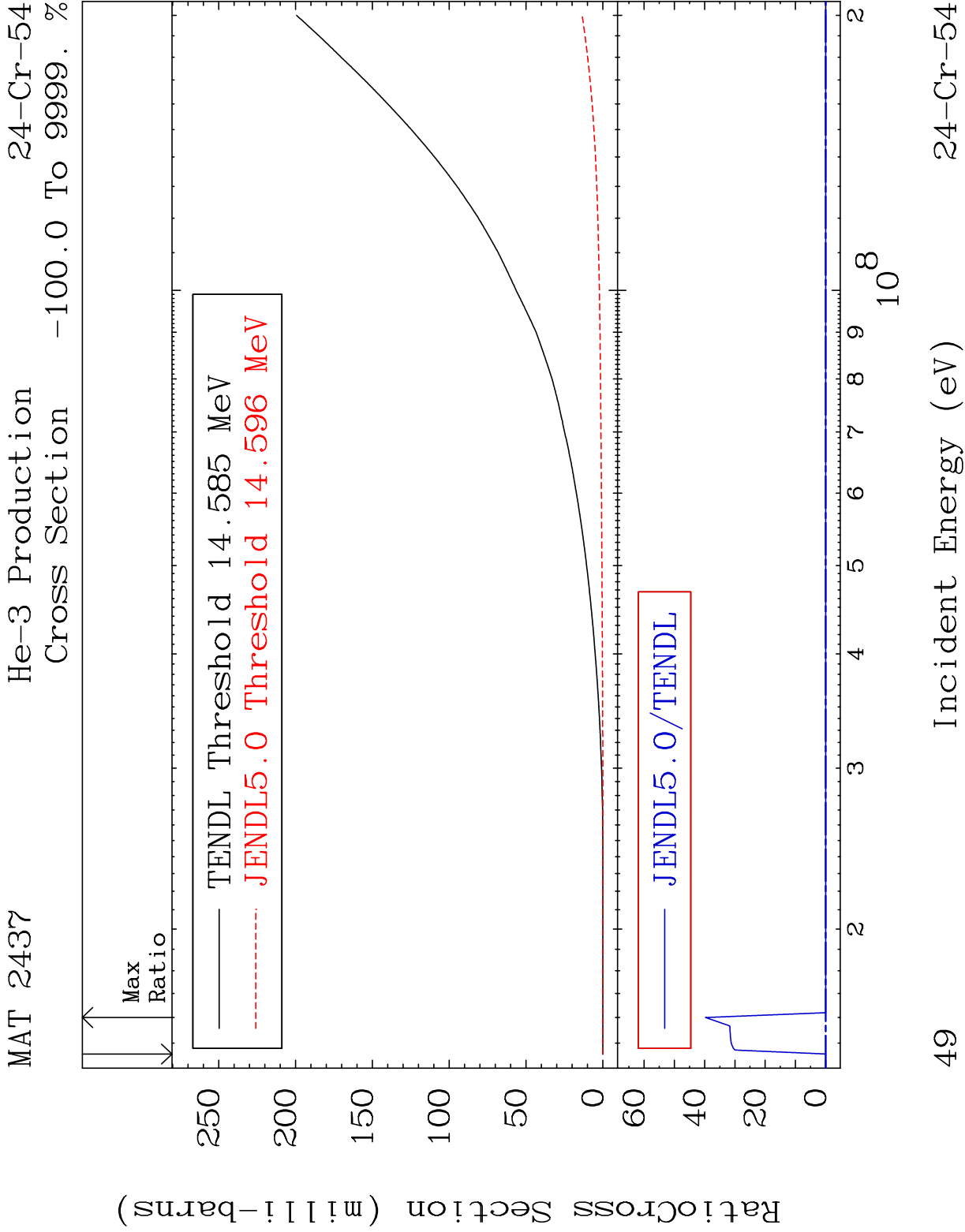


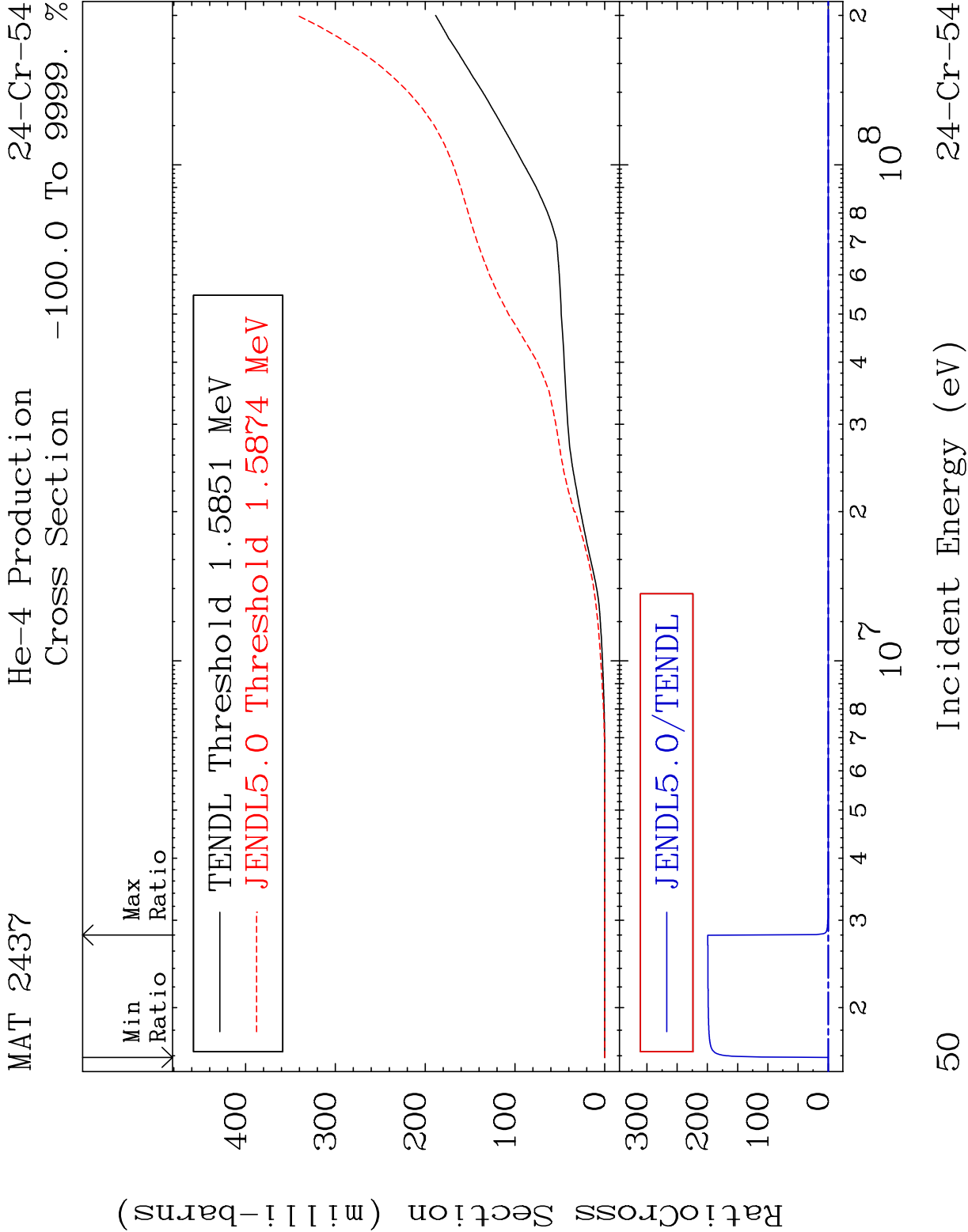




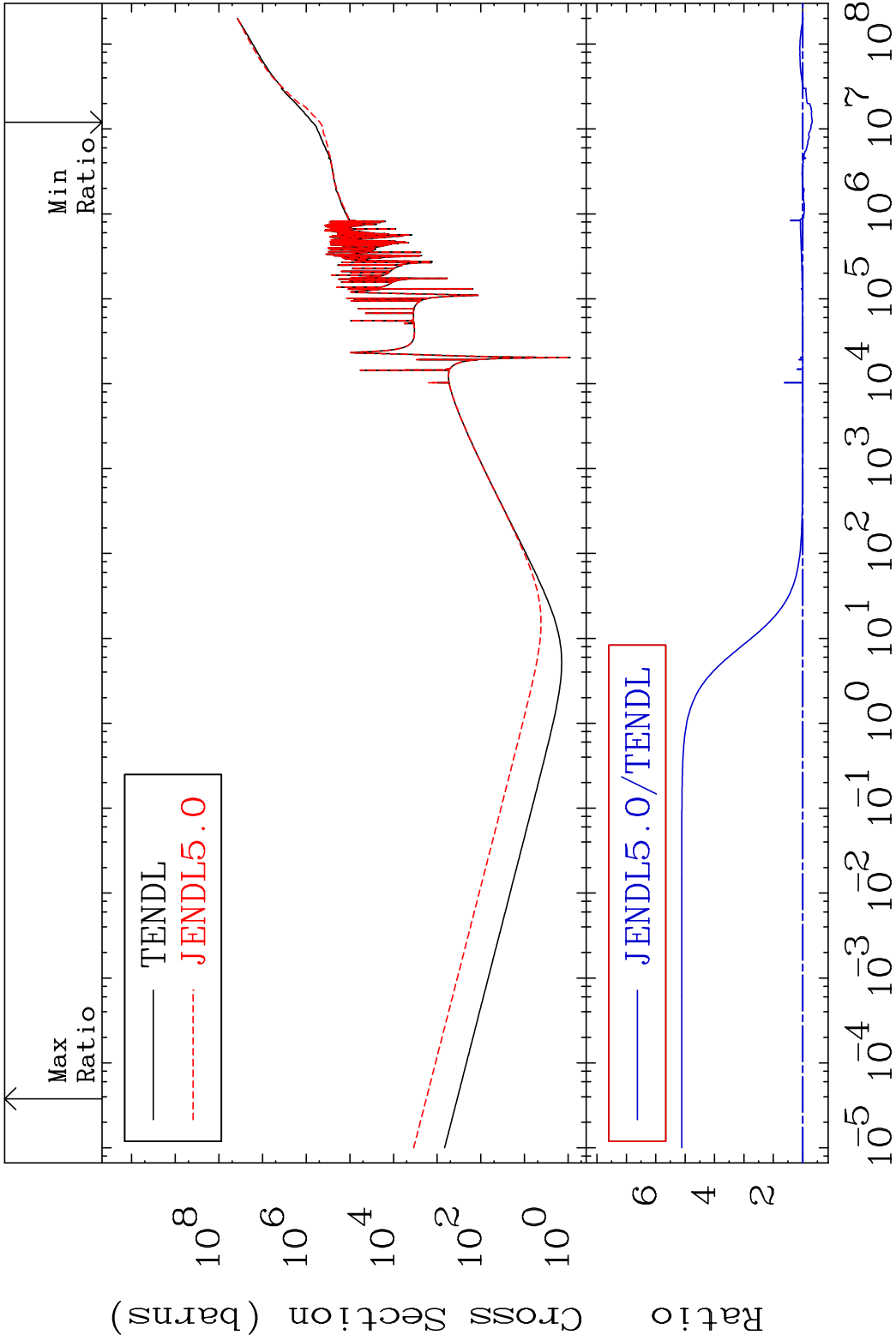








MAT 2437 Kerma total (eV-barns) 24-Cr-54
Cross Section -32.78 To 411.6 %

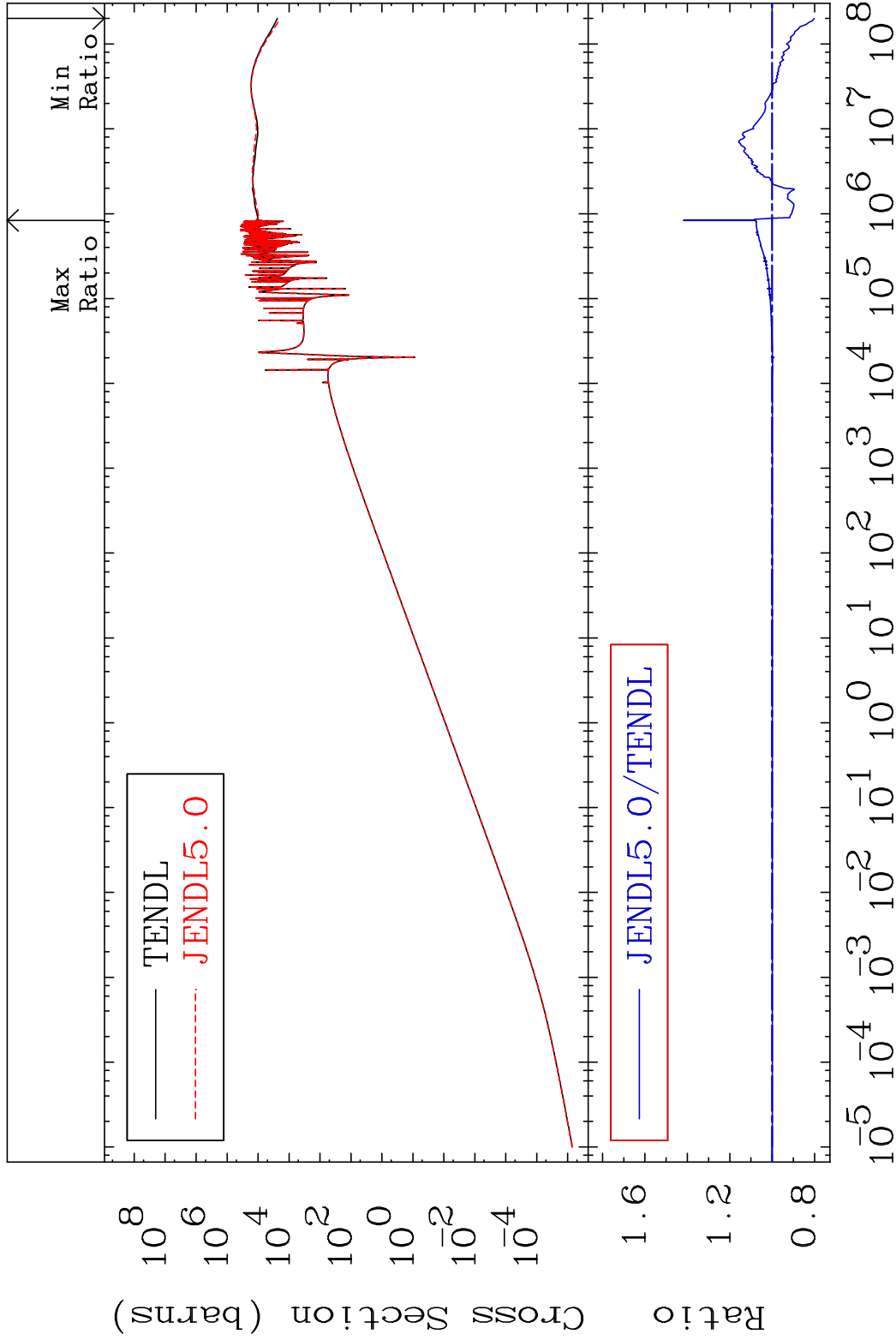


51 Incident Energy (eV) 24-Cr-54

MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-19.77 To 41.75 %

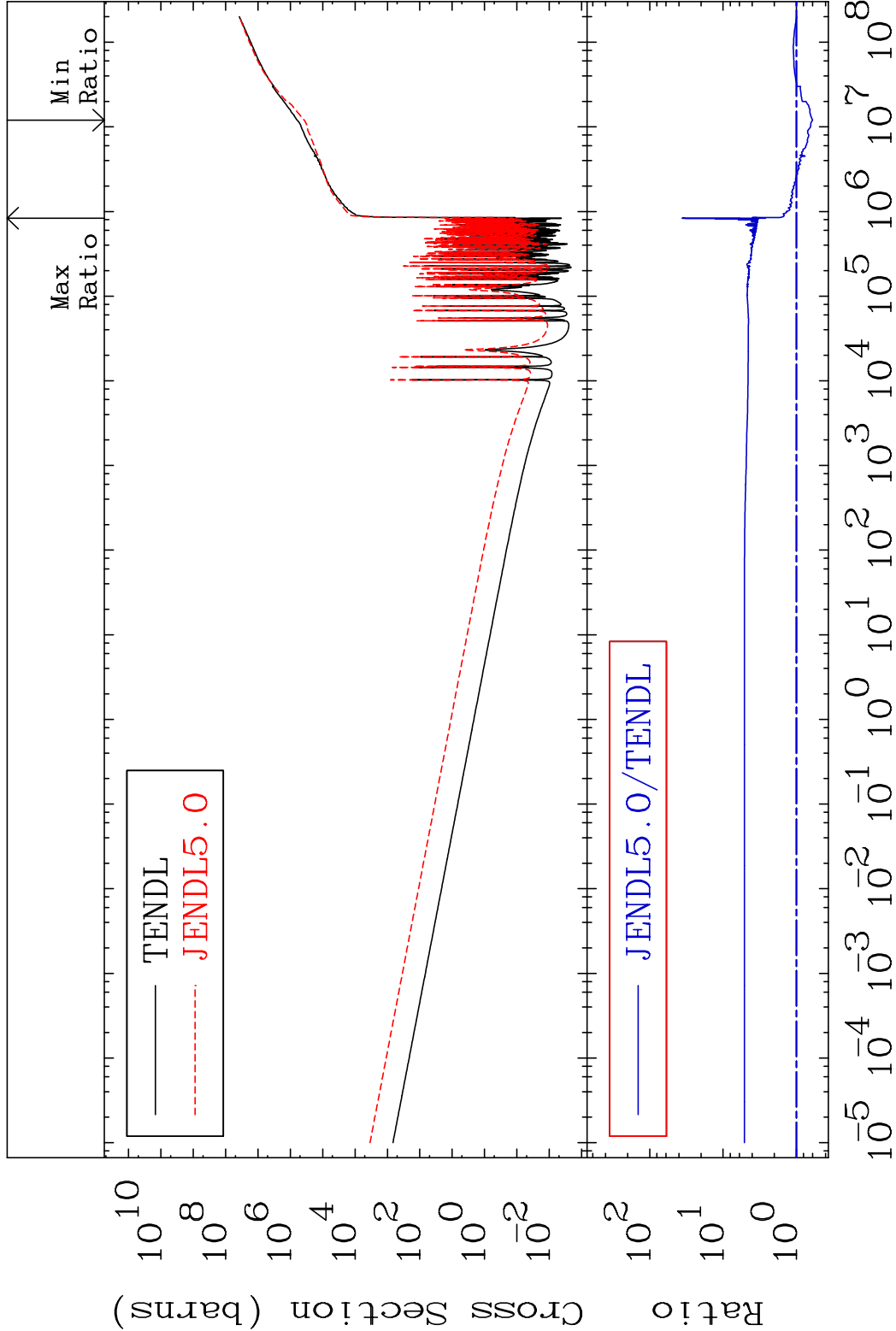


52

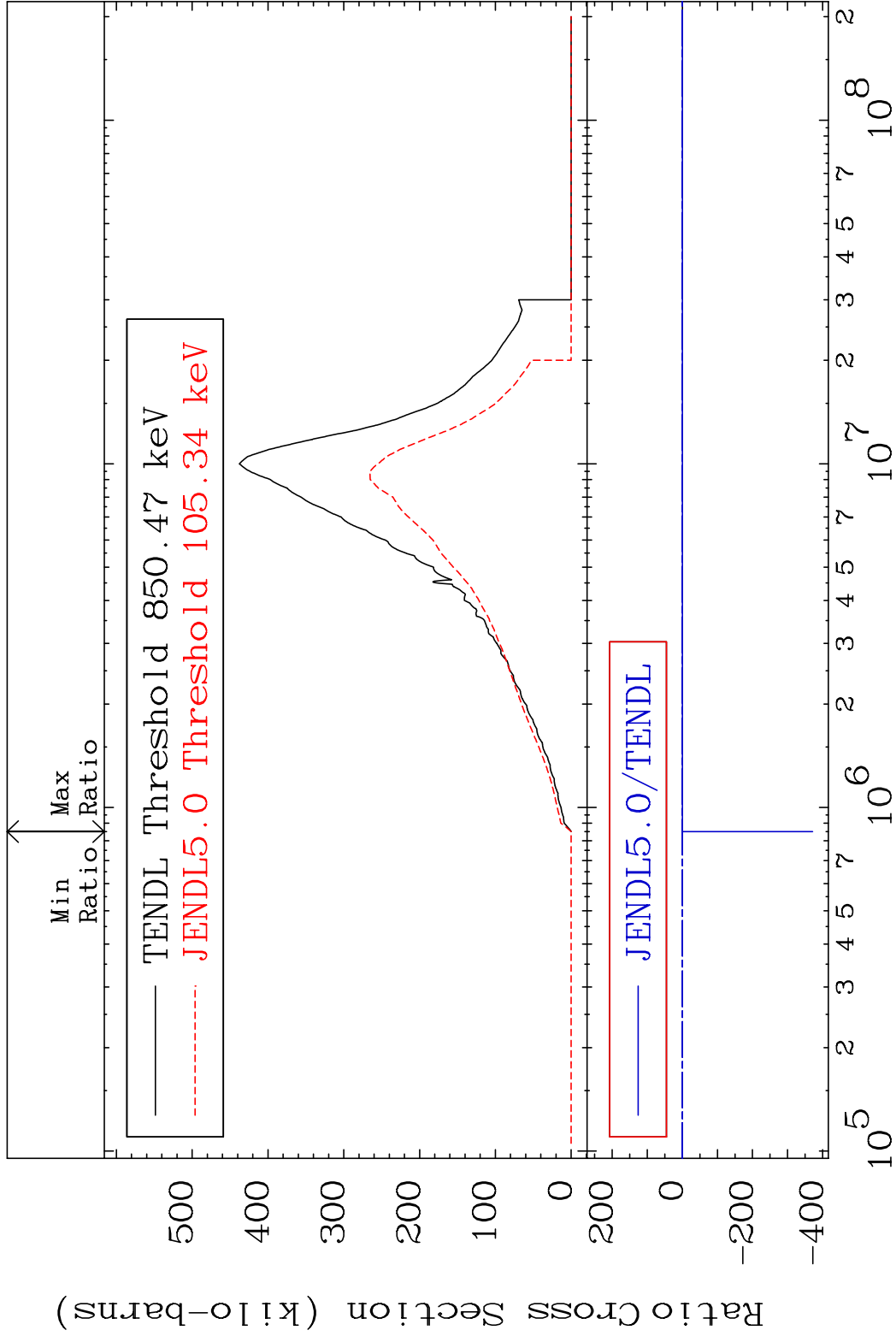
Incident Energy (eV)

24-Cr-54

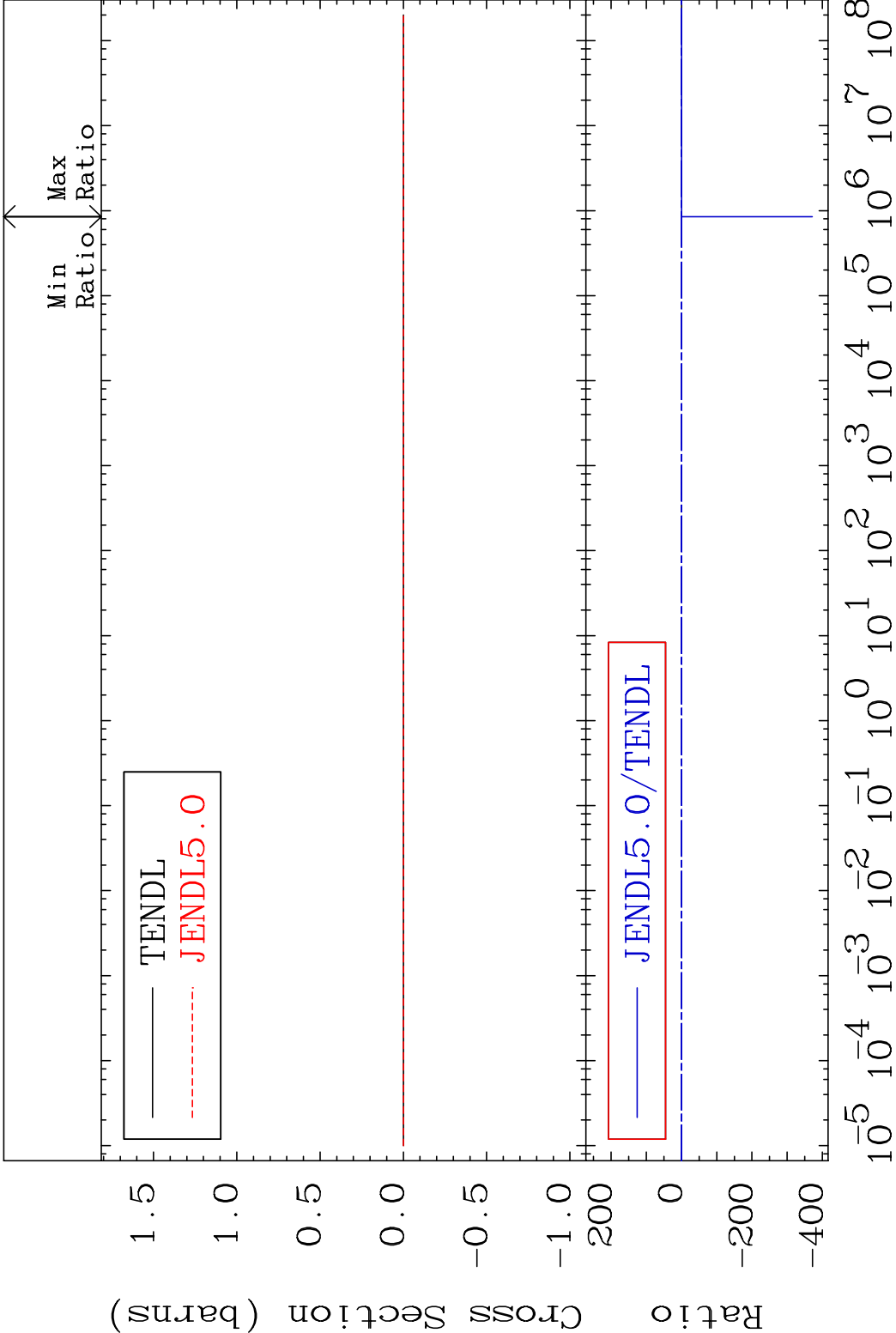
MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54
Cross Section -39.78 To 3491. %

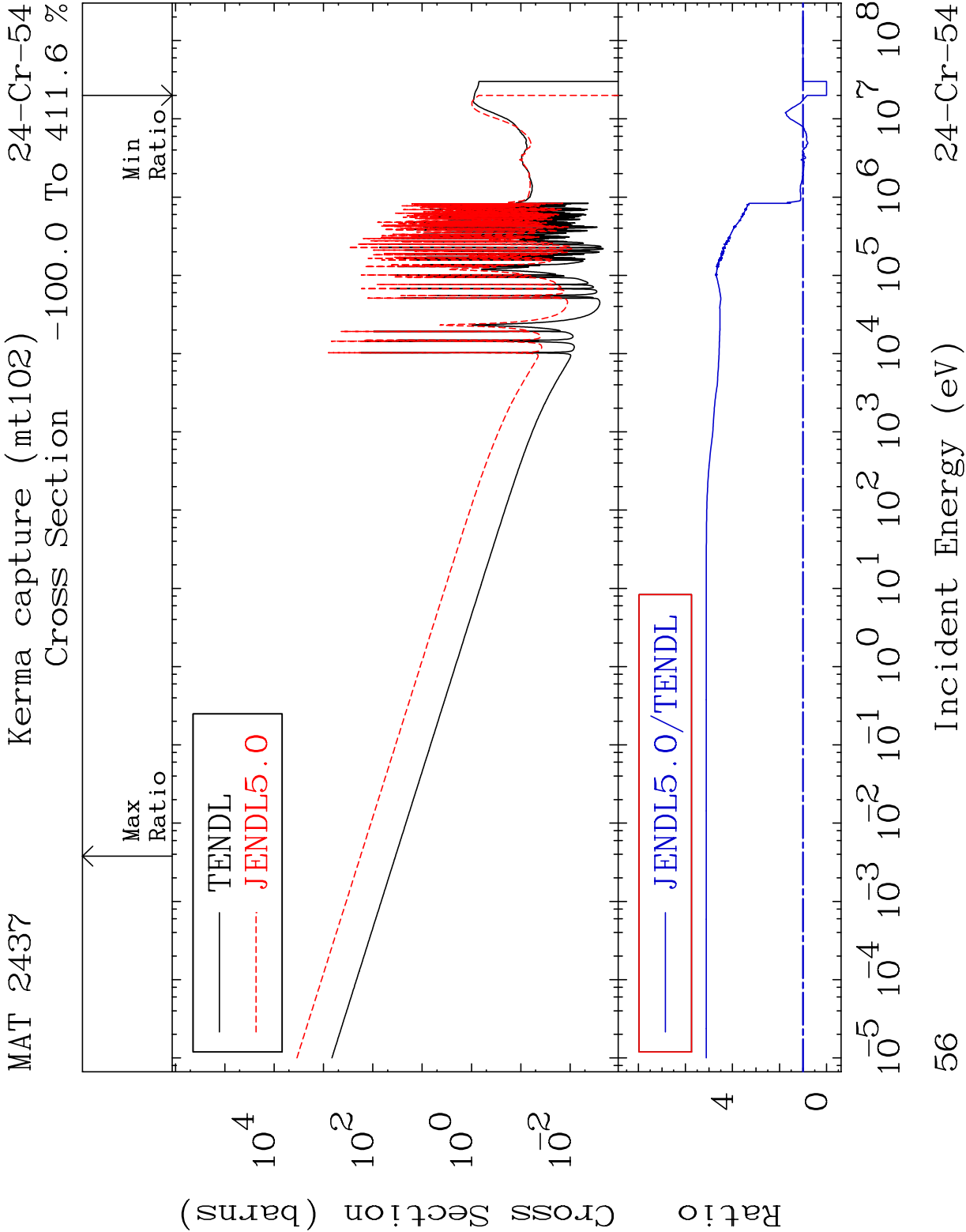


53 Incident Energy (eV) 24-Cr-54

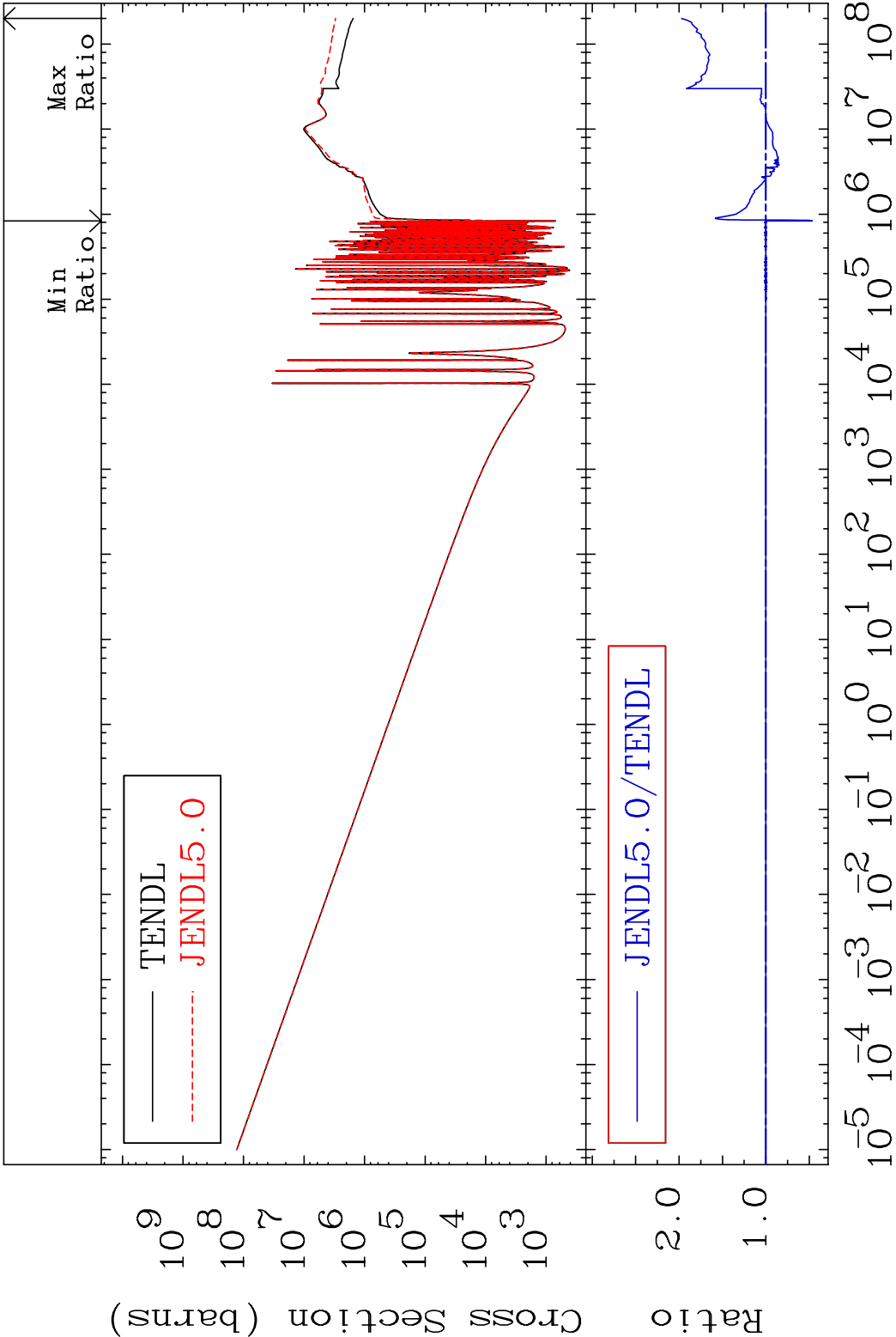


MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54
Cross Section -9999. To 65.76 %



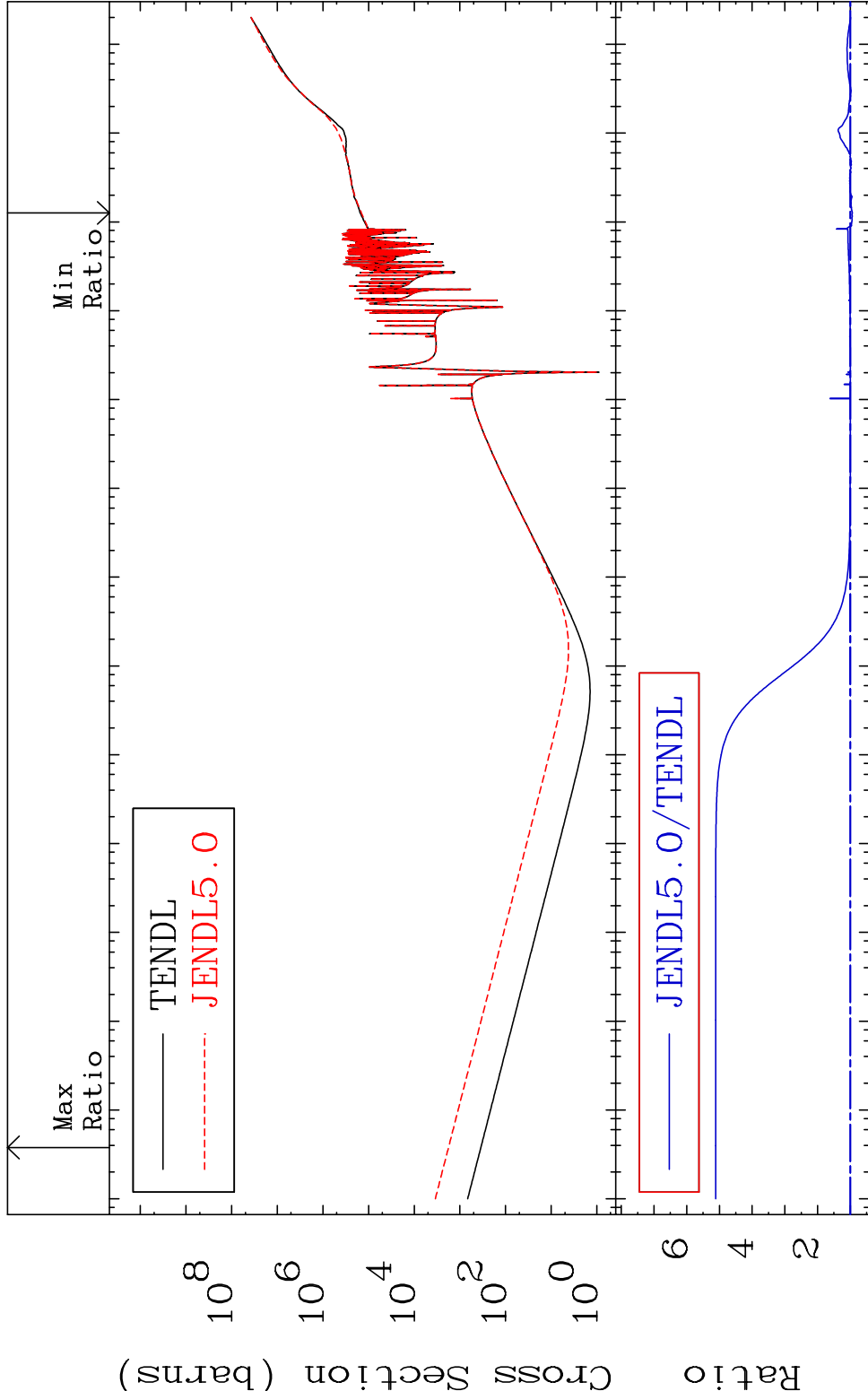


MAT 2437 Total photon (eV-barns) 24-Cr-54
Cross Section -53.44 To 97.12 %

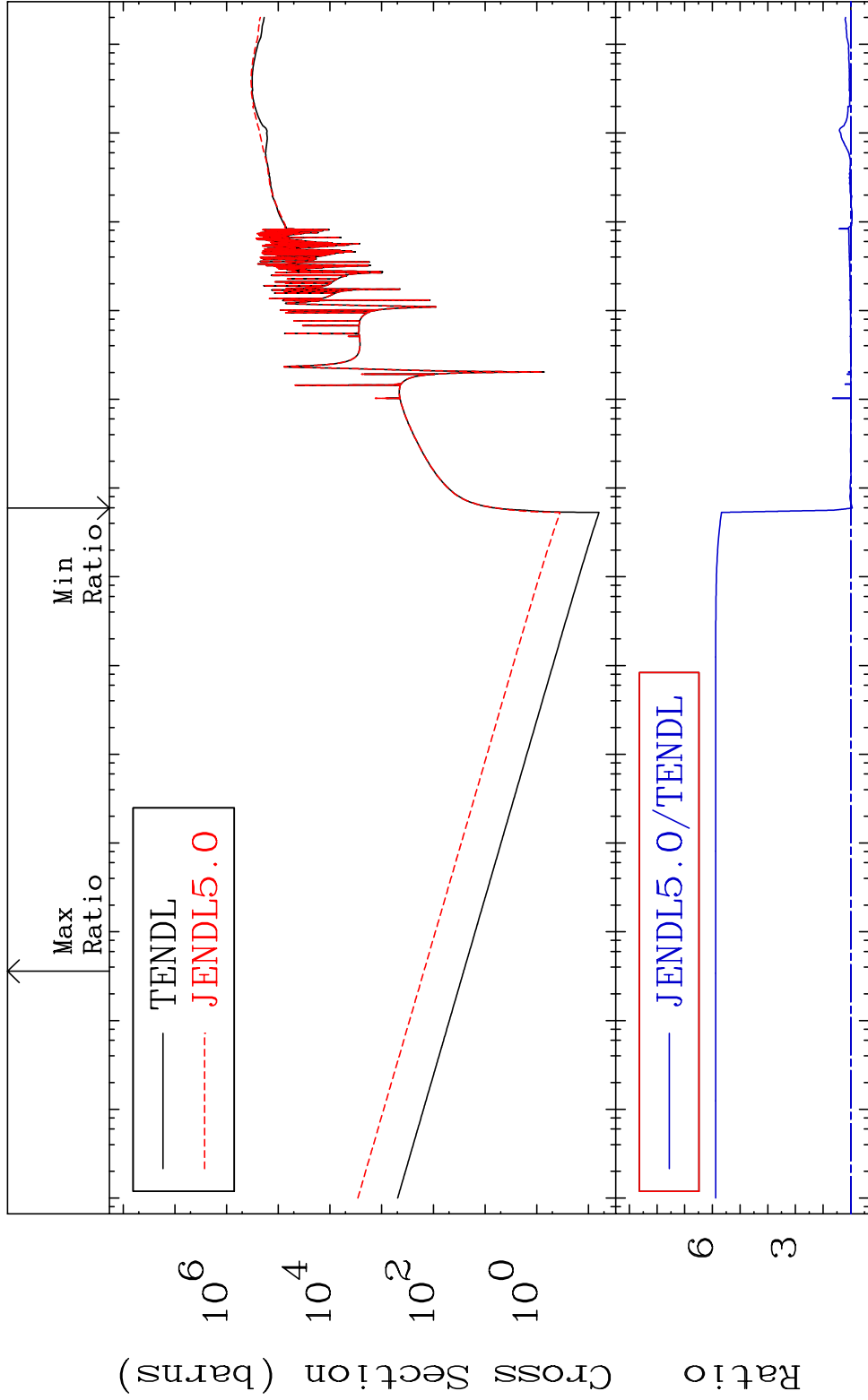


57 Incident Energy (eV) 24-Cr-54

MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
Cross Section -5.893 To 411.6 %

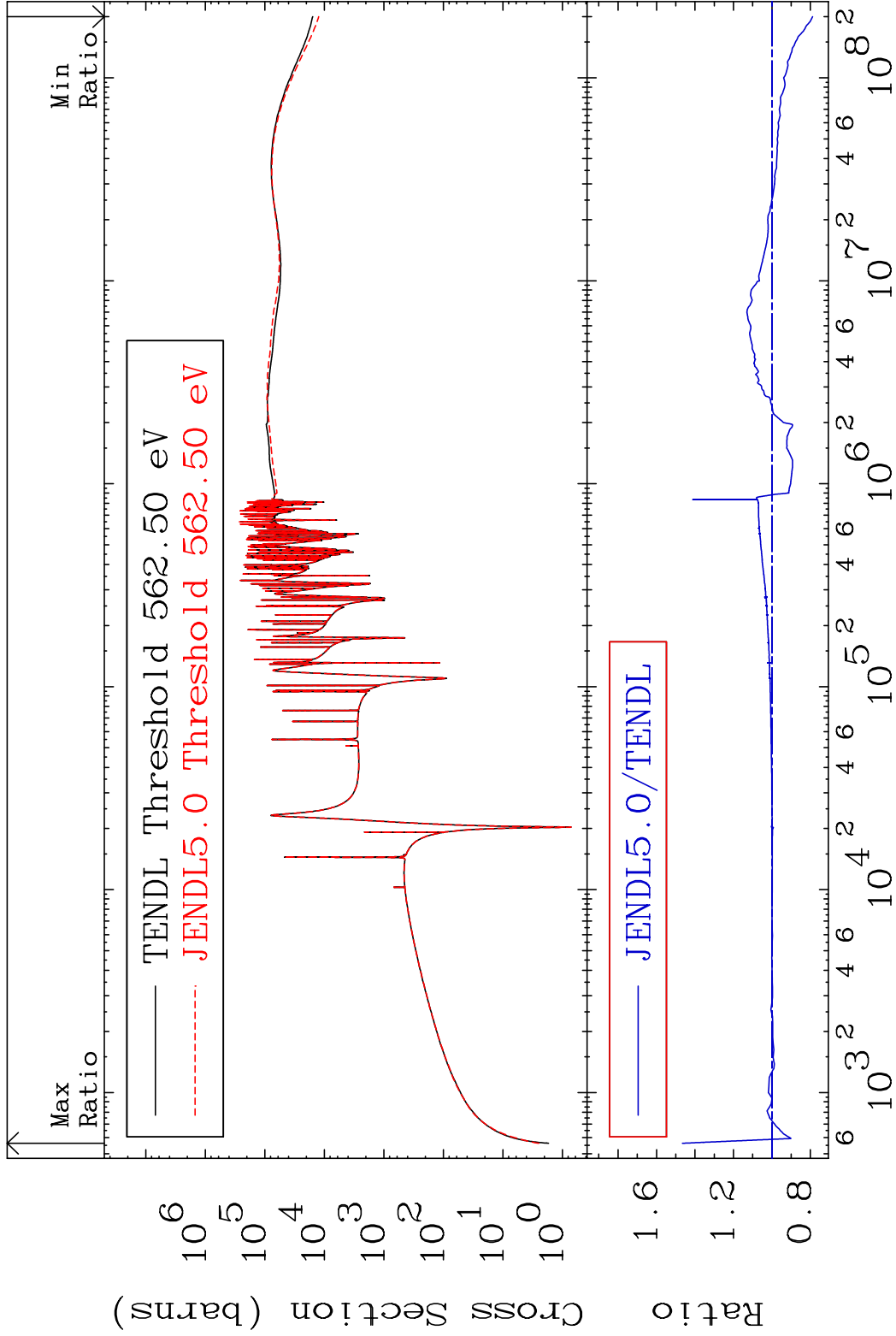


MAT 2437 Dpa total (eV-barns) 24-Cr-54
Cross Section -5.367 To 488.2 %



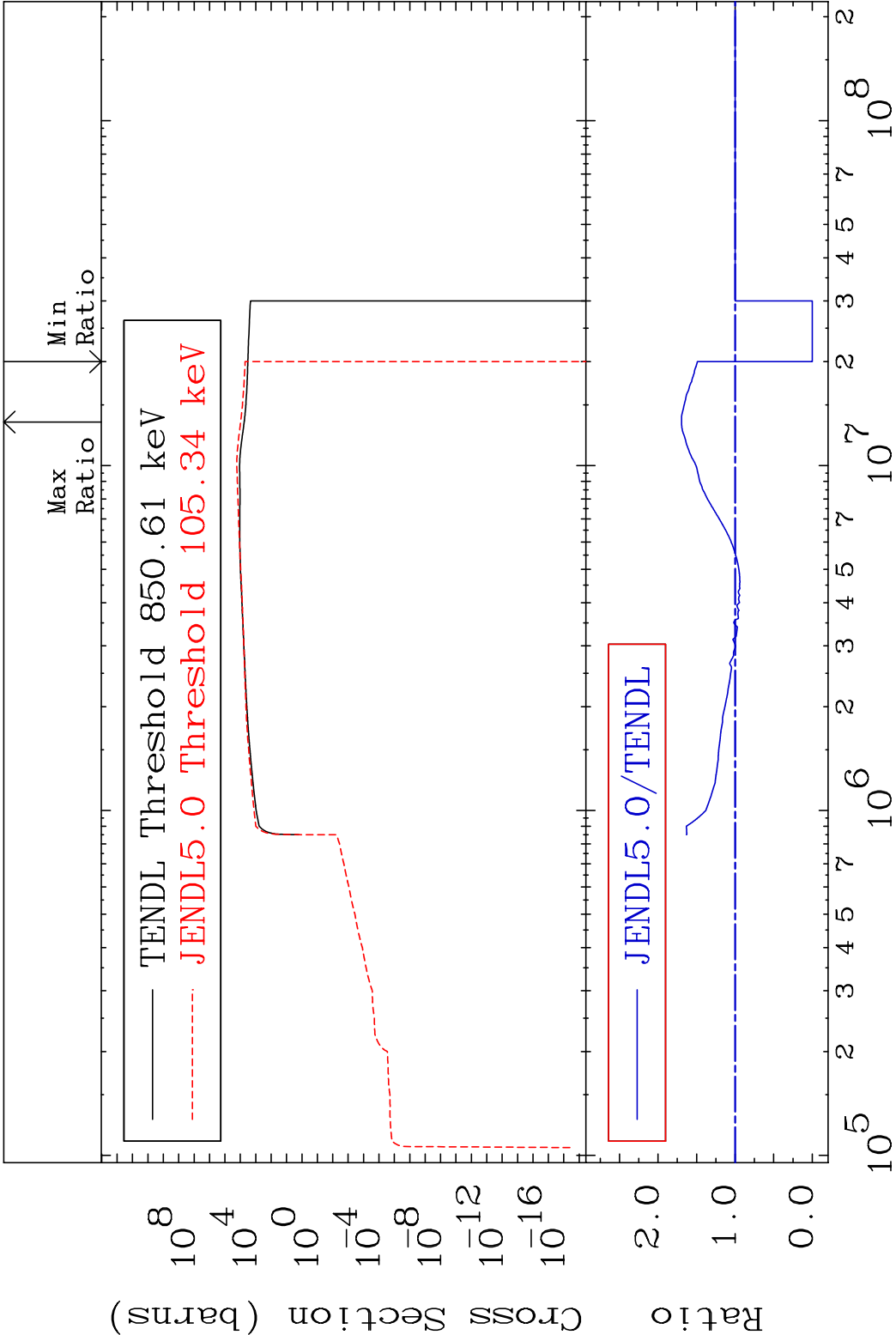
59 Incident Energy (eV) 24-Cr-54

MAT 2437	Dpa elastic (mt2)	24-Cr-54
	Cross Section	-21.11 To 46.57 %



60	Incident Energy (eV)	24-Cr-54
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MAT 2437 Dpa inelastic (mt51-91) 24-Cr-54
Cross Section -100.0 To 69.52 %



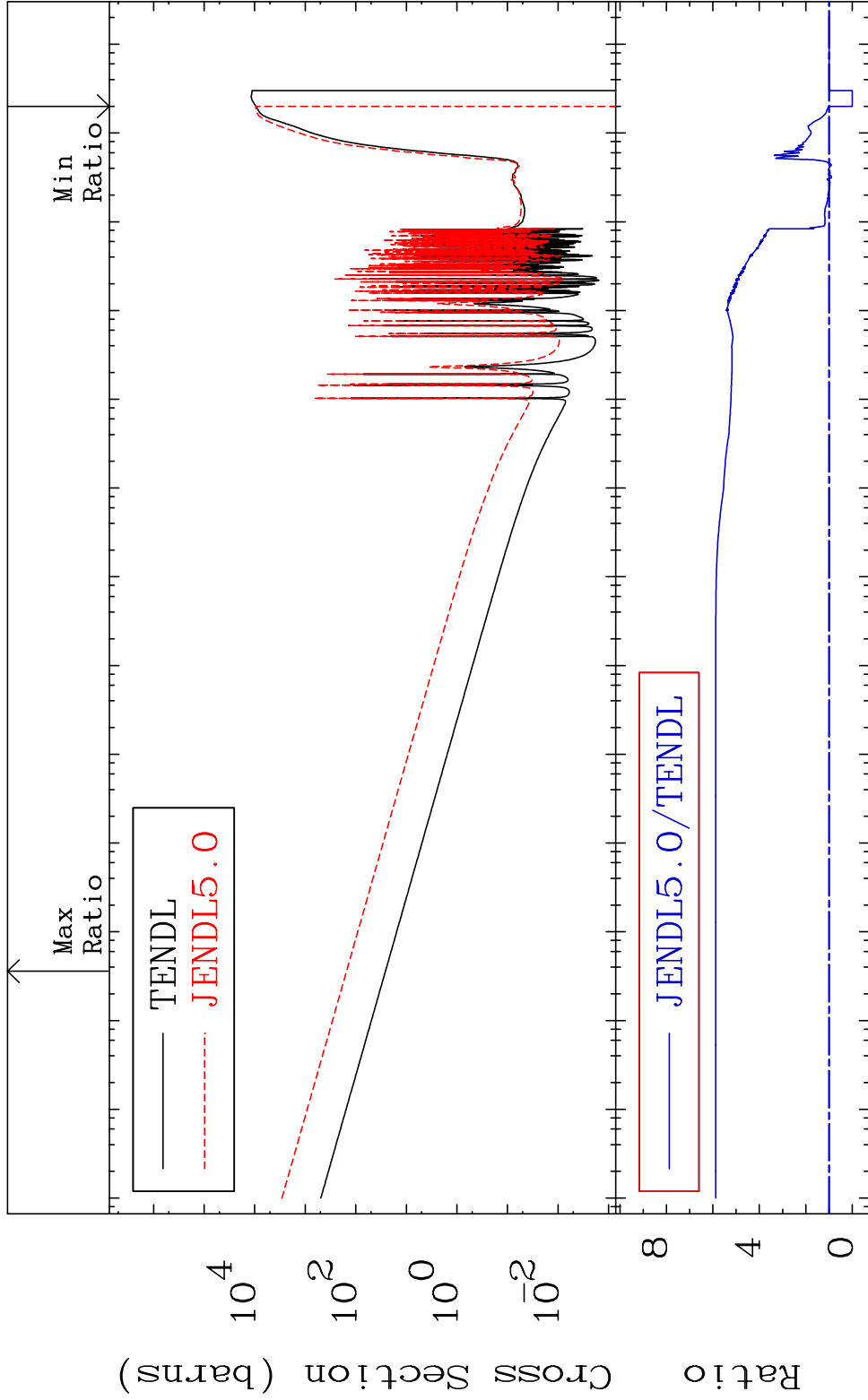
61

Incident Energy (eV)

24-Cr-54

MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54

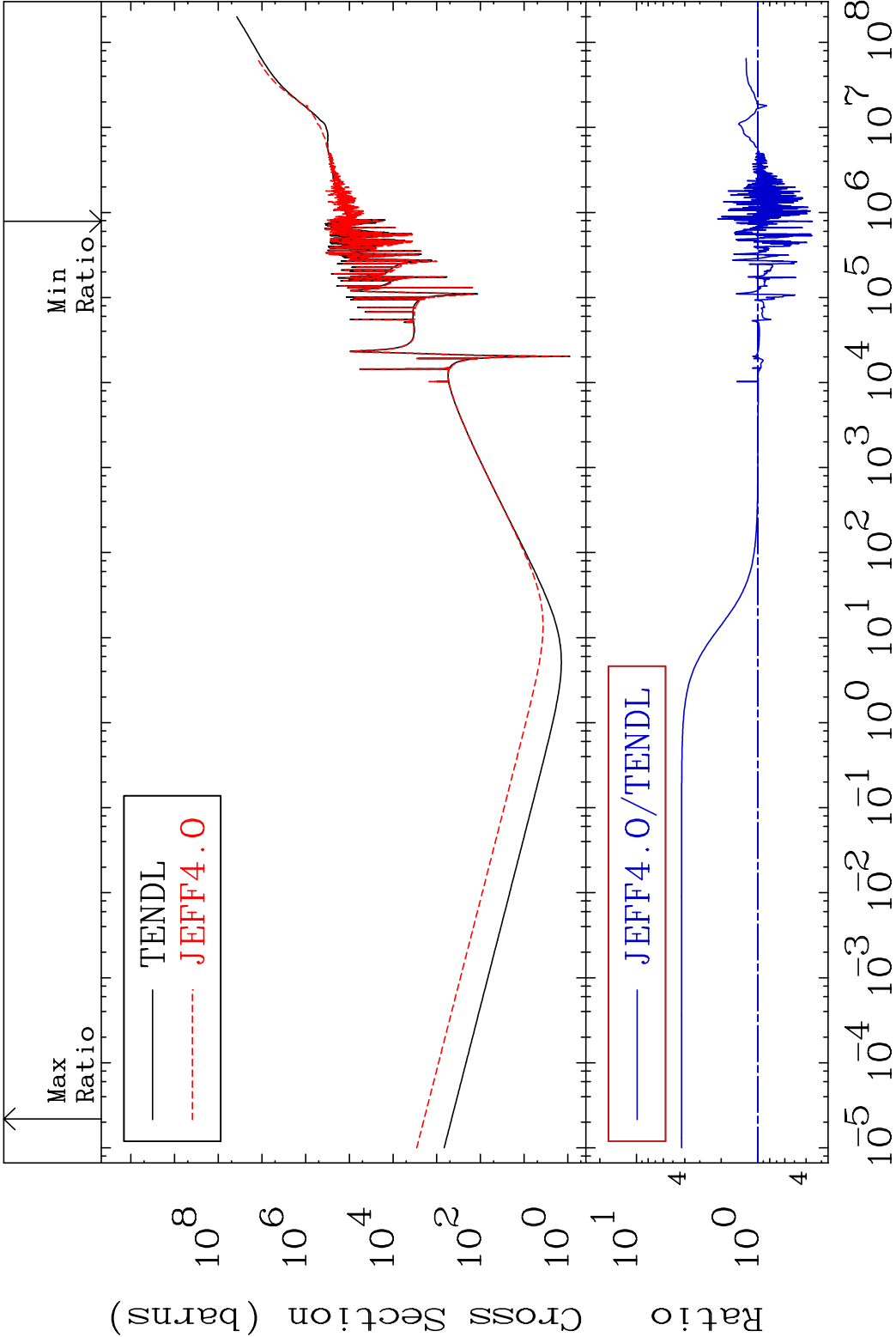
Cross Section -100.0 To 488.2 %



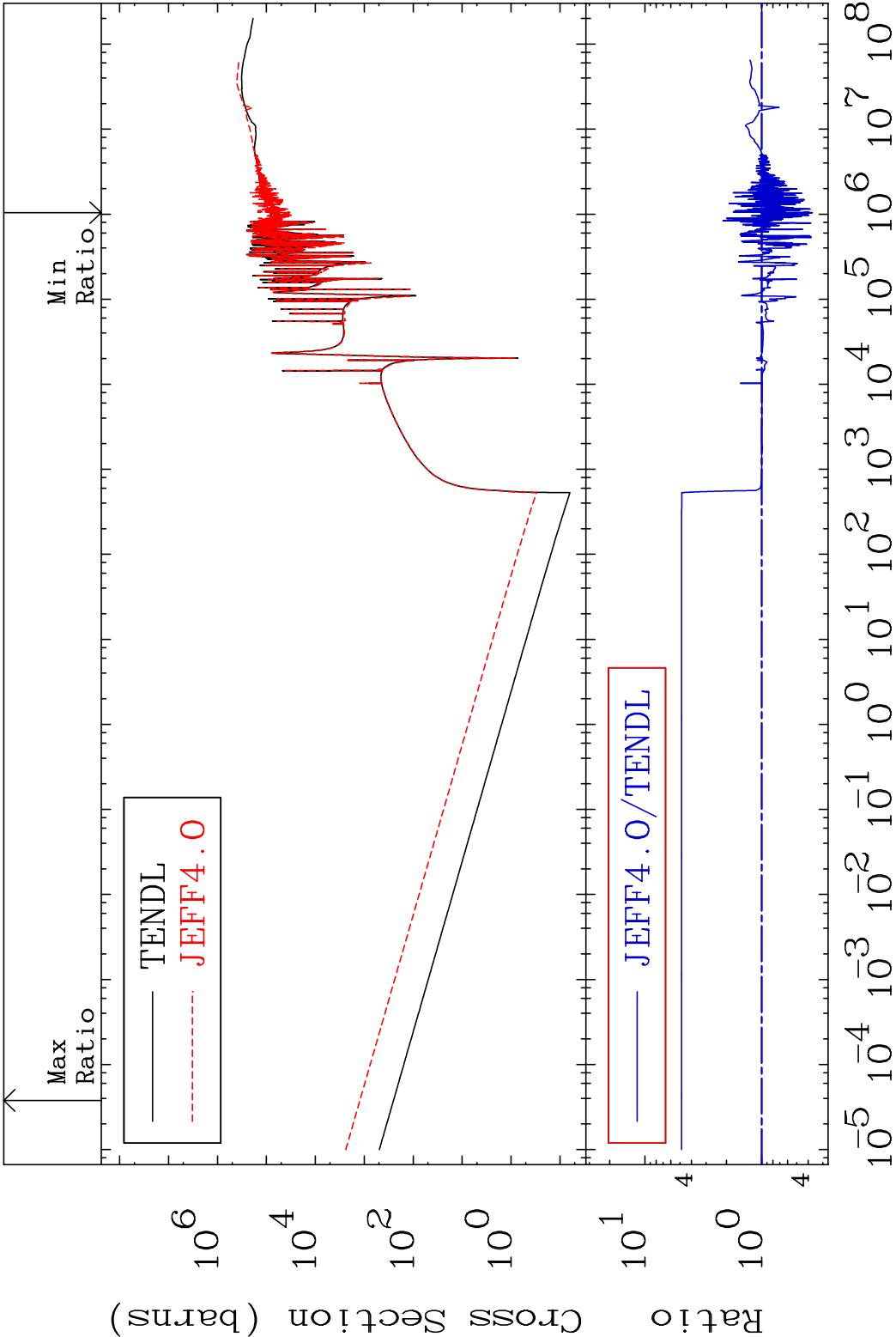
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

62 Incident Energy (eV) 24-Cr-54

MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
Cross Section -64.35 To 324.8 %

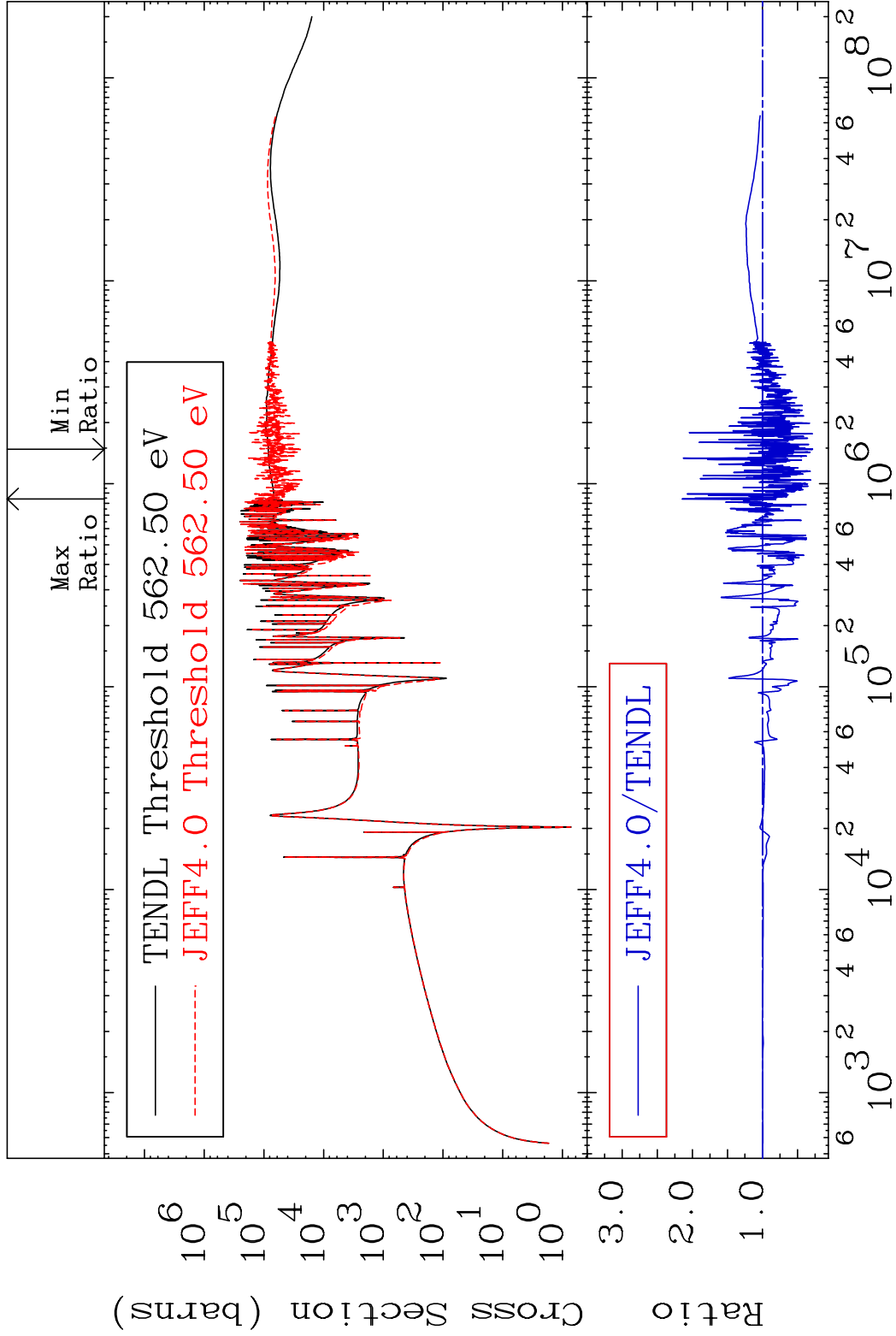


MAT 2437	Dpa total (eV-barns)	24-Cr-54
	Cross Section	-63.12 To 385.7 %

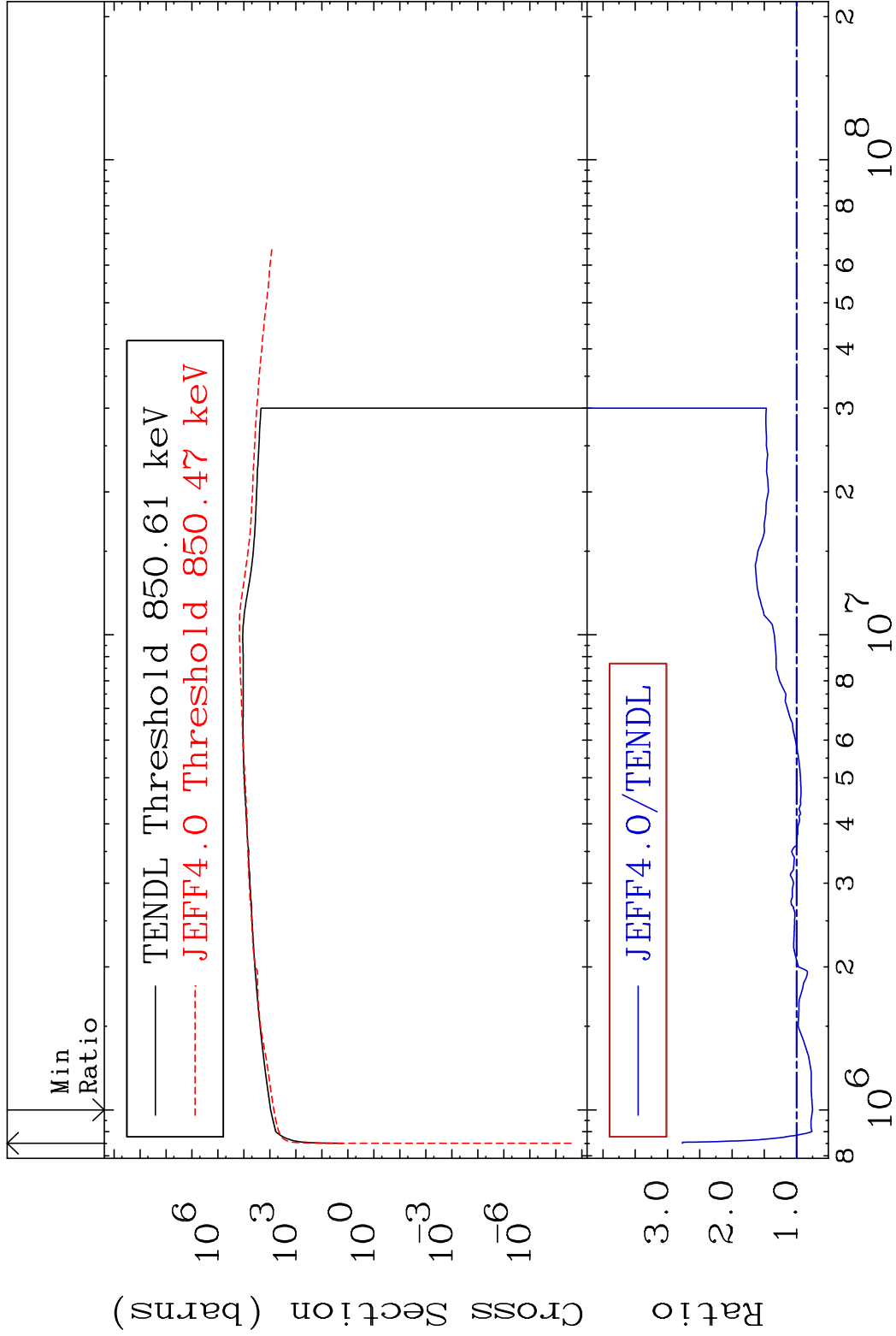


64	Incident Energy (eV)	24-Cr-54
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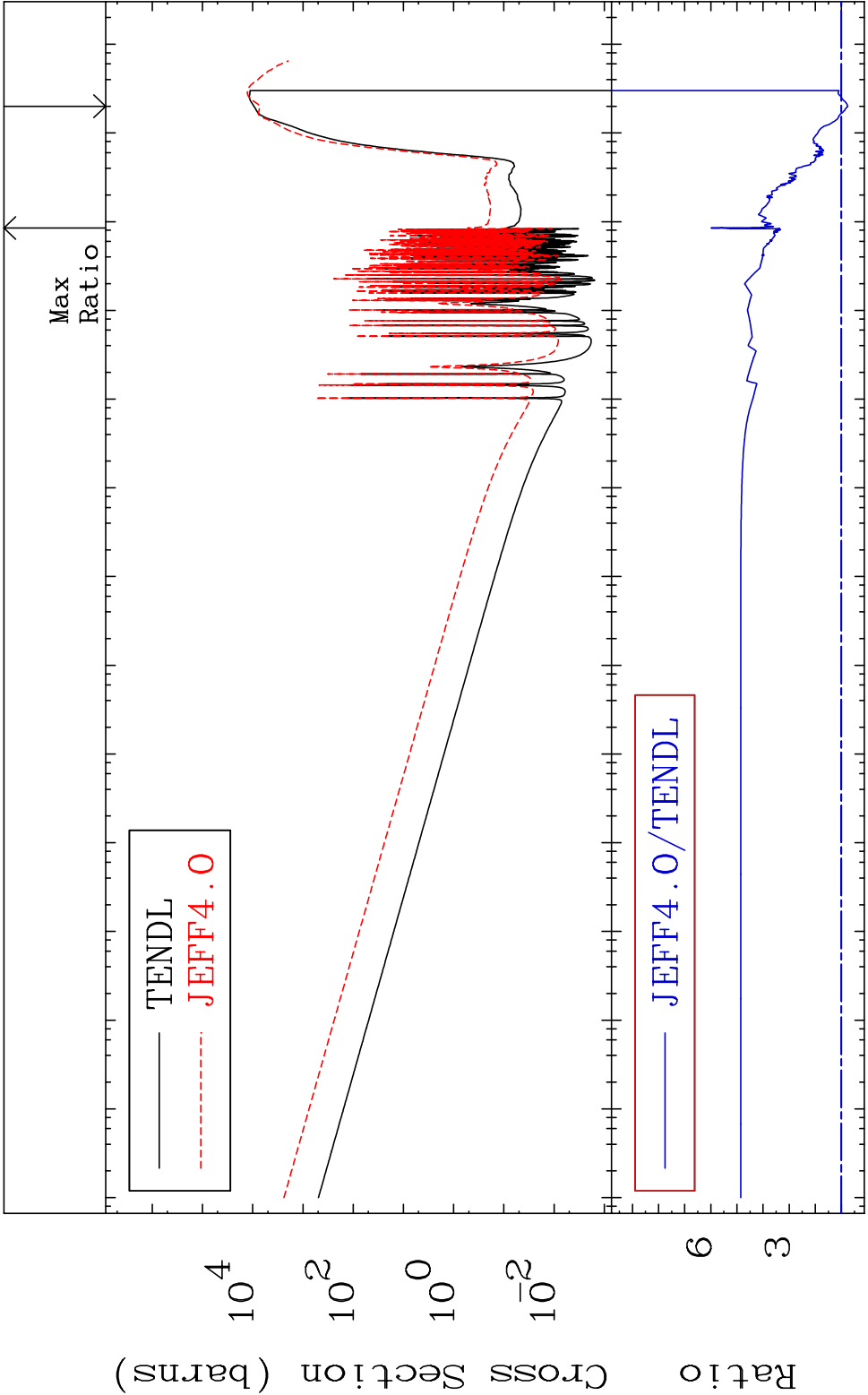
MAT 2437 Dpa elastic (mt2) 24-Cr-54
Cross Section -71.34 To 114.3 %



65 Incident Energy (eV) 24-Cr-54



MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54
Cross Section -24.29 To 498.0 %



67 Incident Energy (eV) 24-Cr-54

