

Program Complot
(Version 2021-1)

by

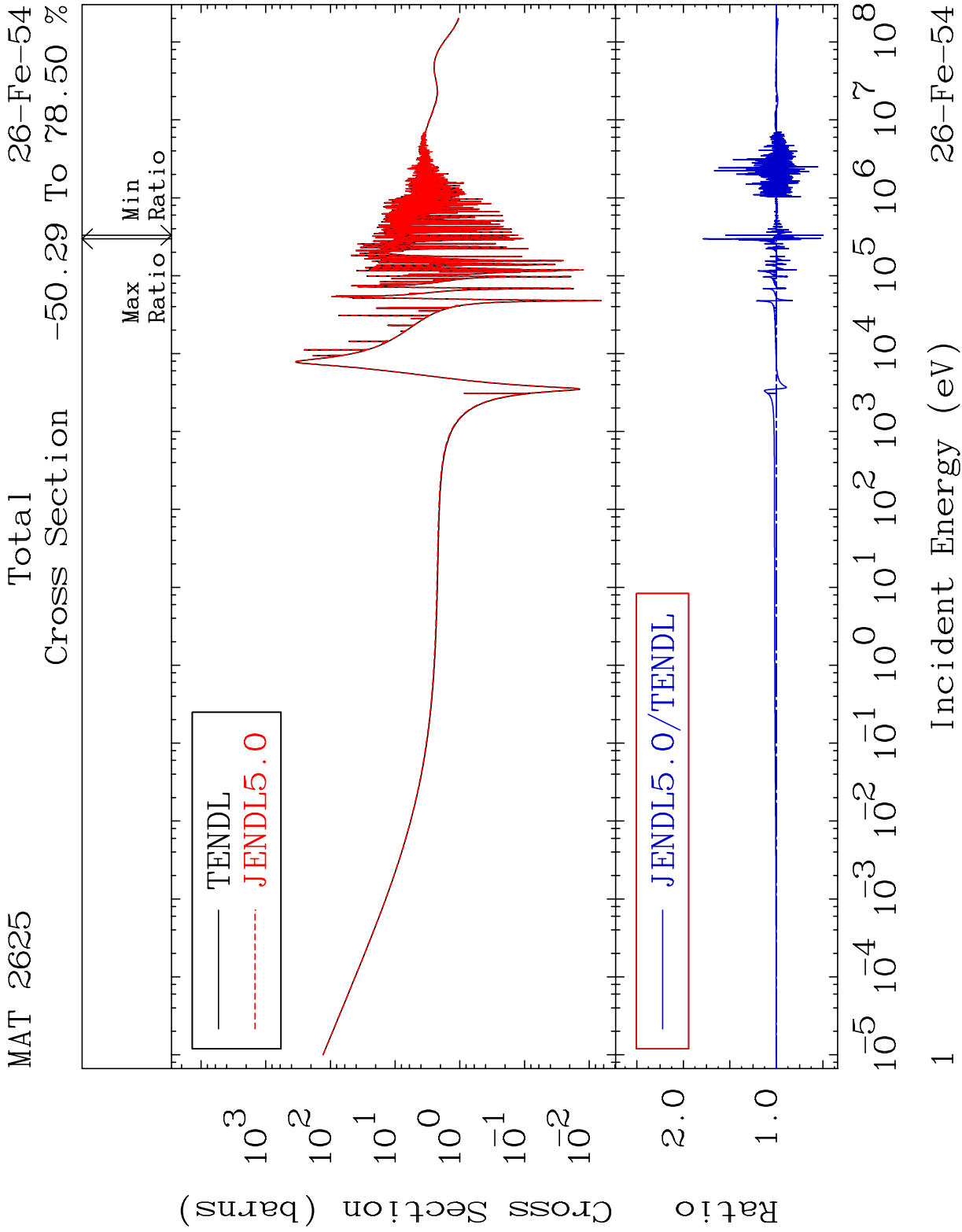
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

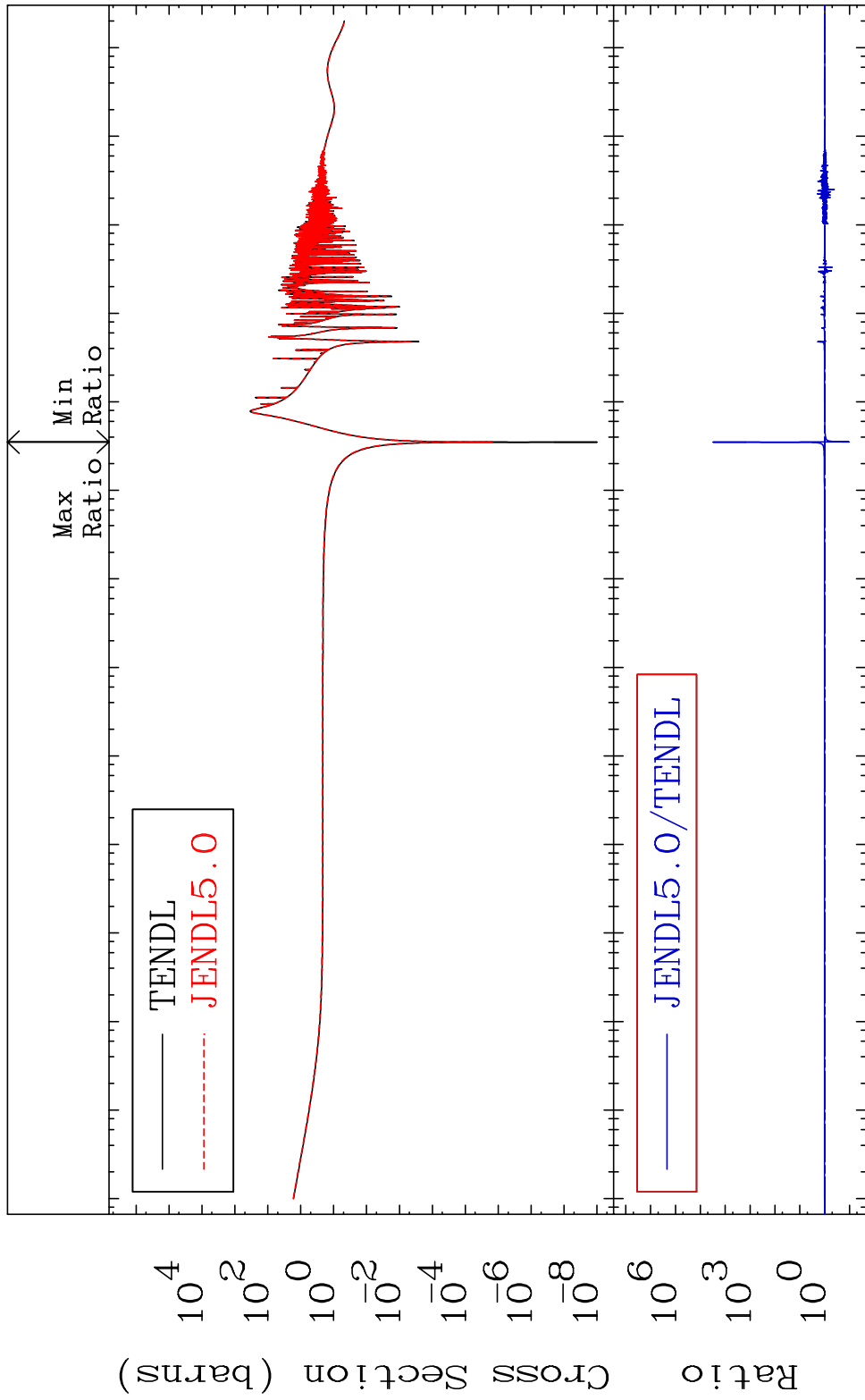


MAT 2625

Elastic

26-Fe-54

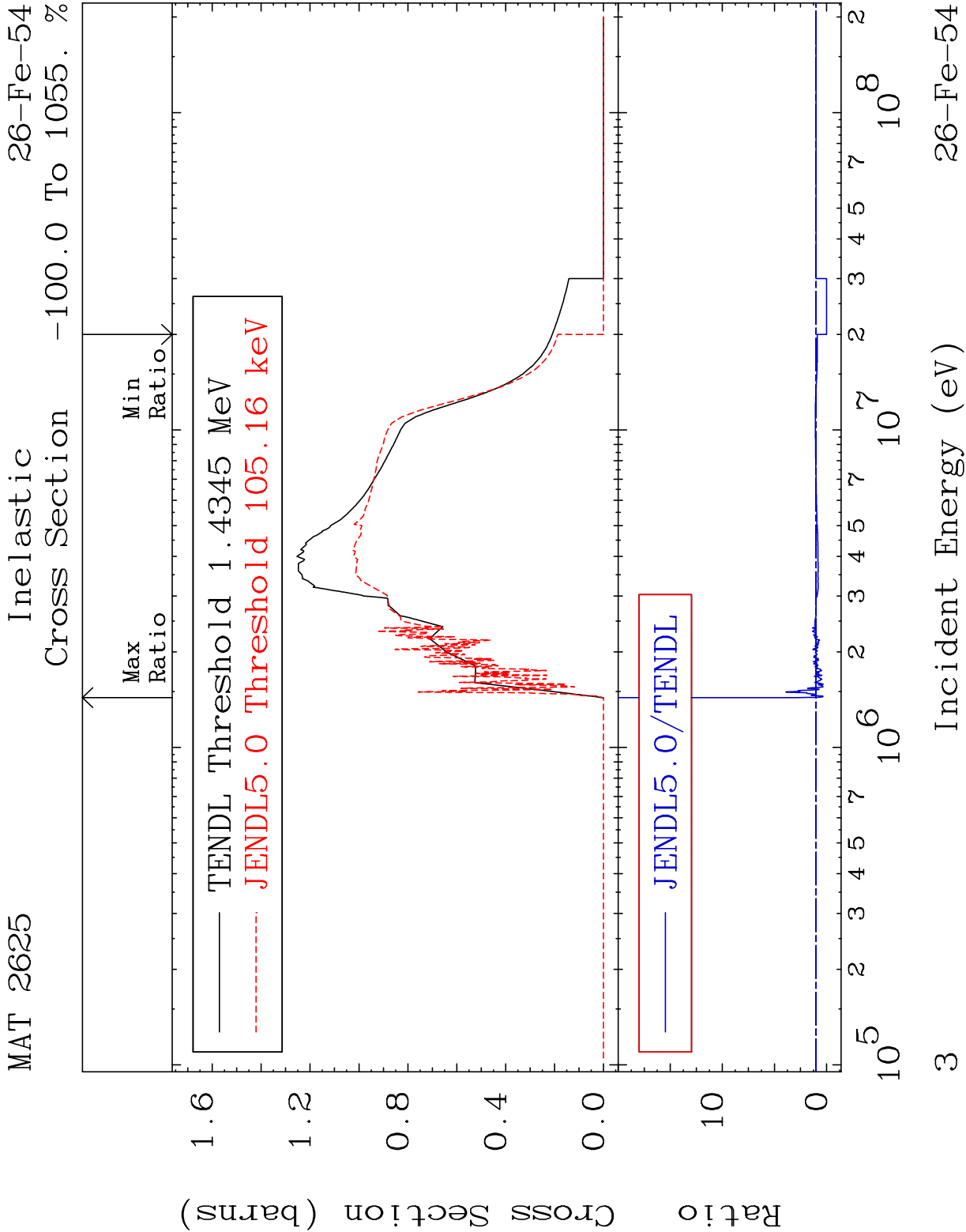
Cross Section -89.73 To 9999. %

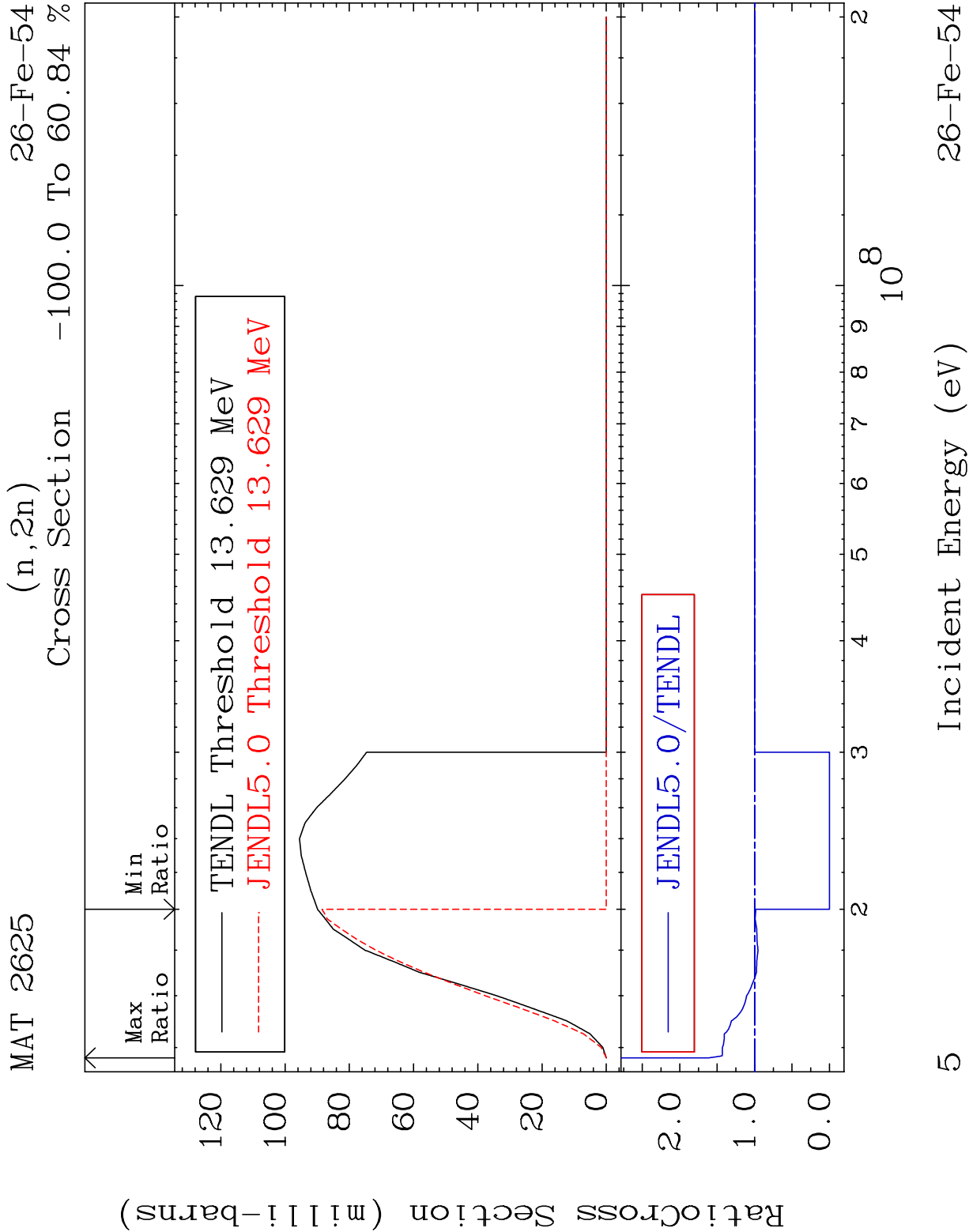


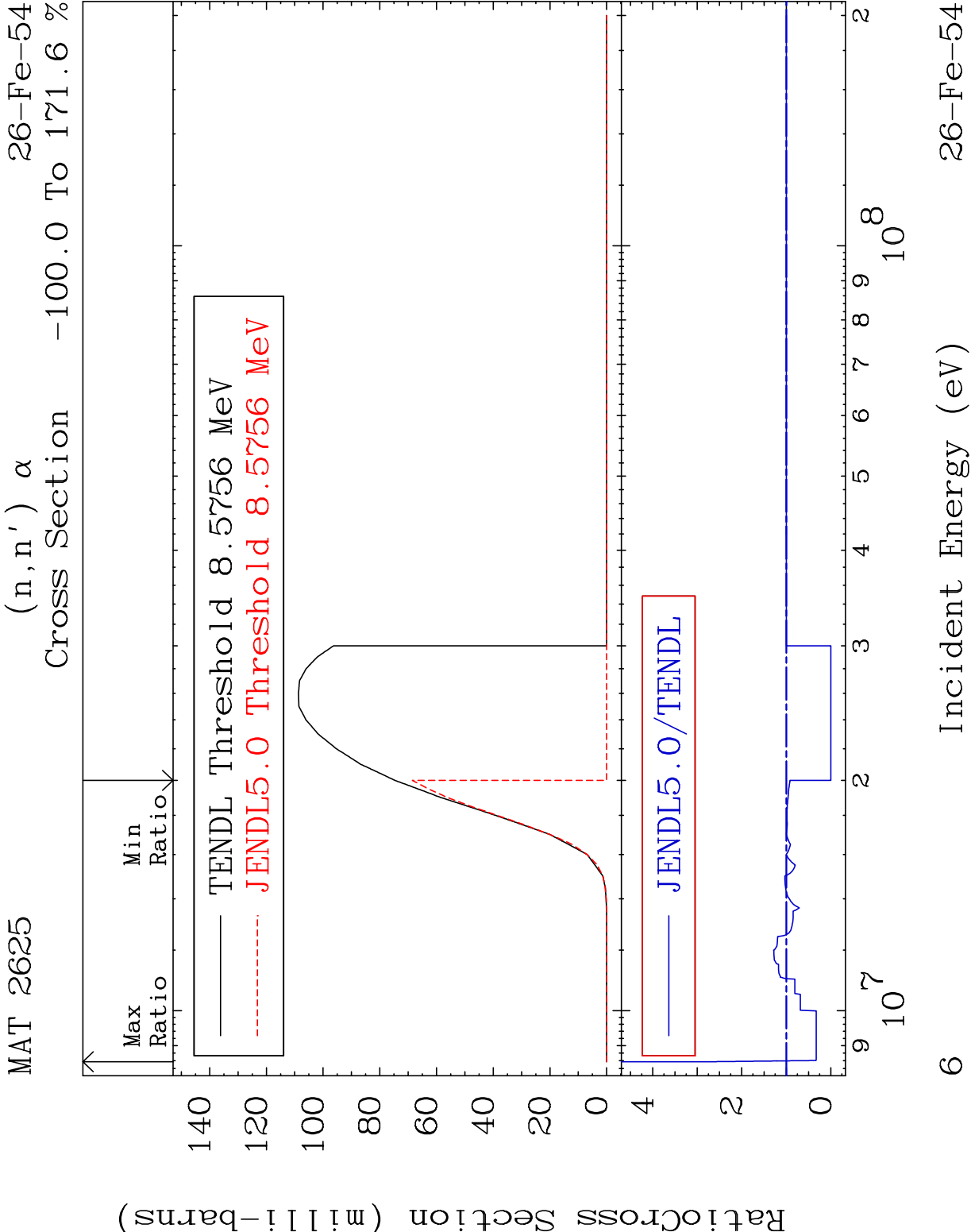
2

Incident Energy (eV)

26-Fe-54







RatioCross Section (milli-barns)

140
120
100
80
60
40
20
0
4
2
0

Max Ratio
Min Ratio

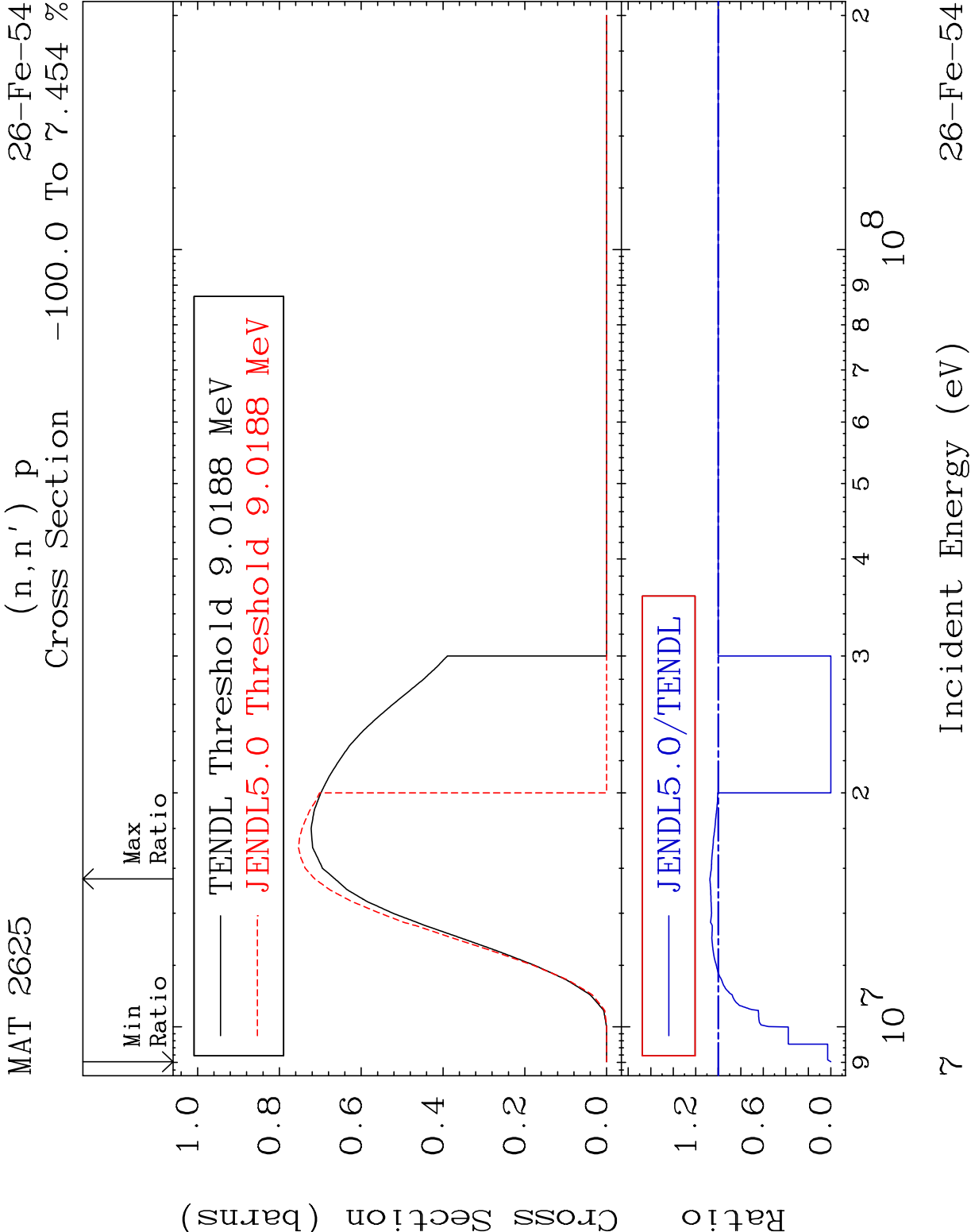
TENDL Threshold 8.5756 MeV
JENDL5.0 Threshold 8.5756 MeV

JENDL5.0/TENDL

6

Incident Energy (eV)

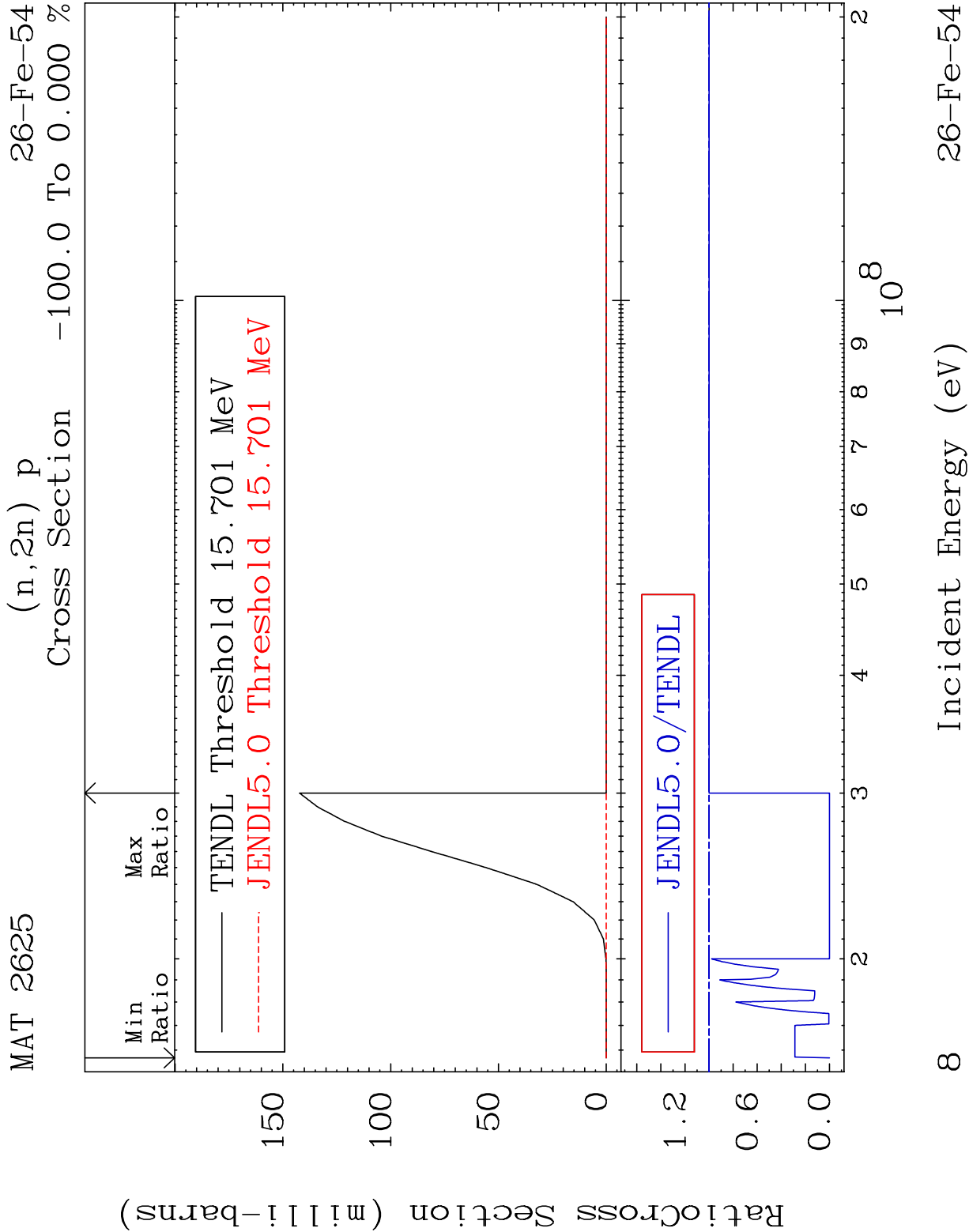
26-Fe-54

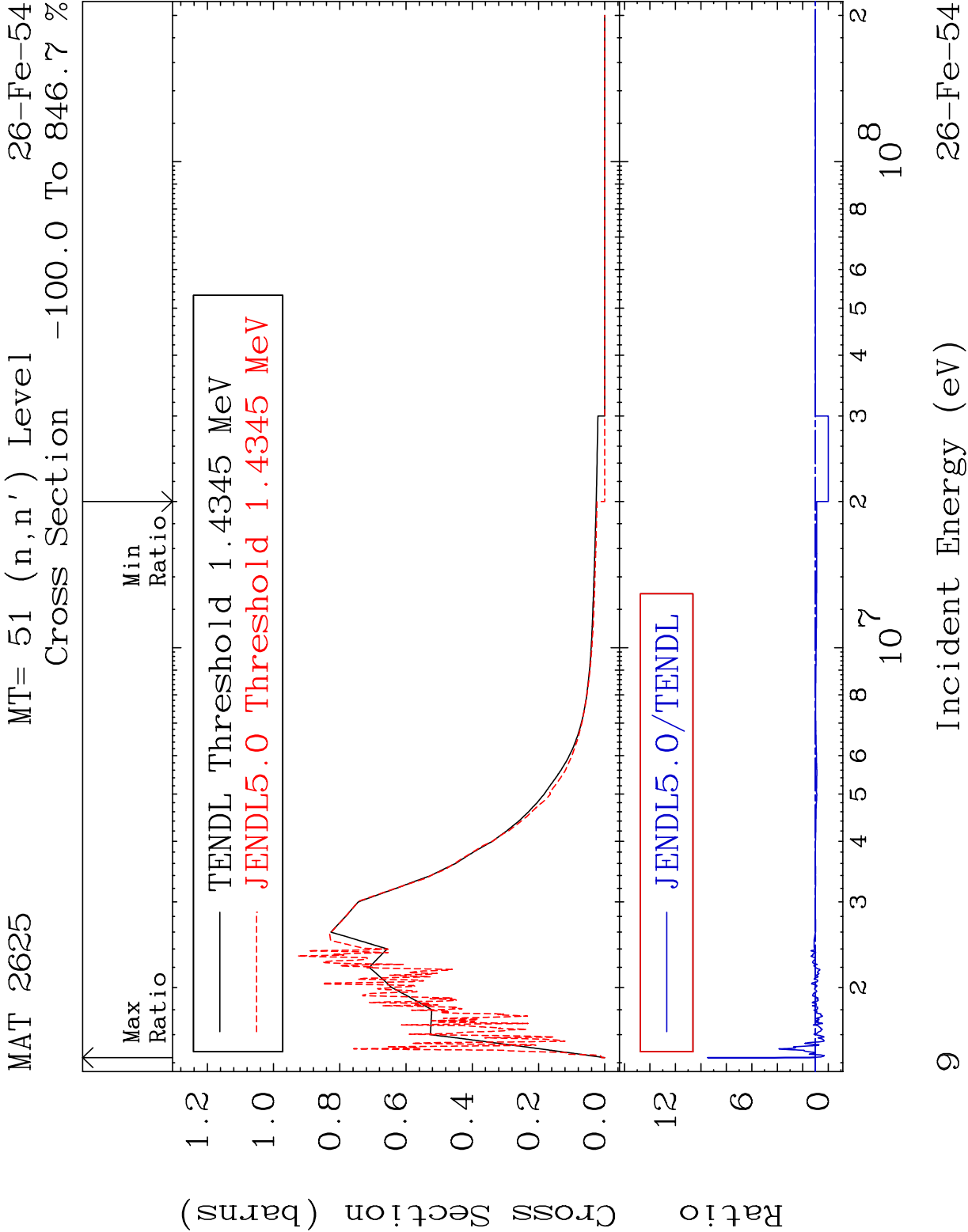


Cross Section (barns)

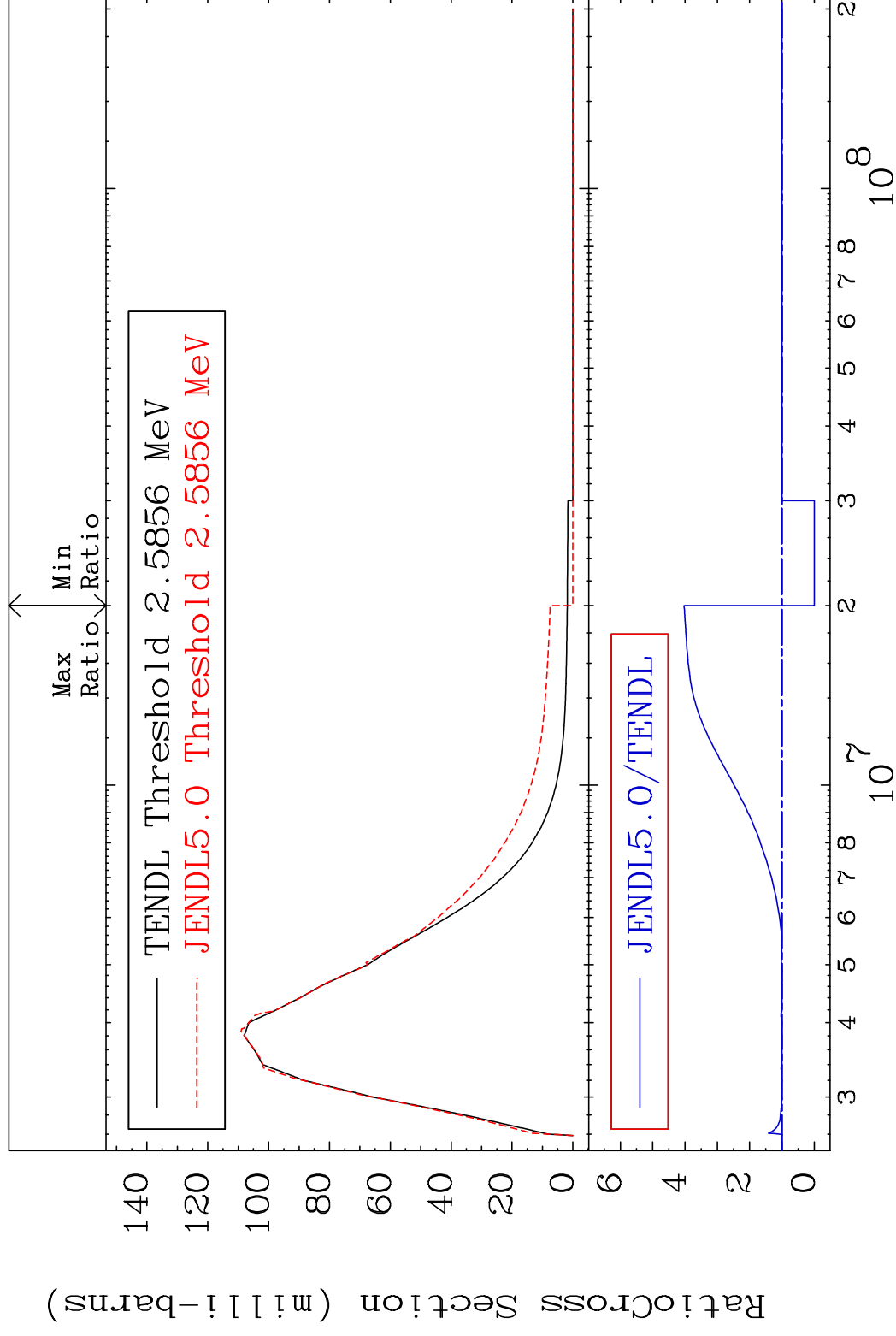
Ratio

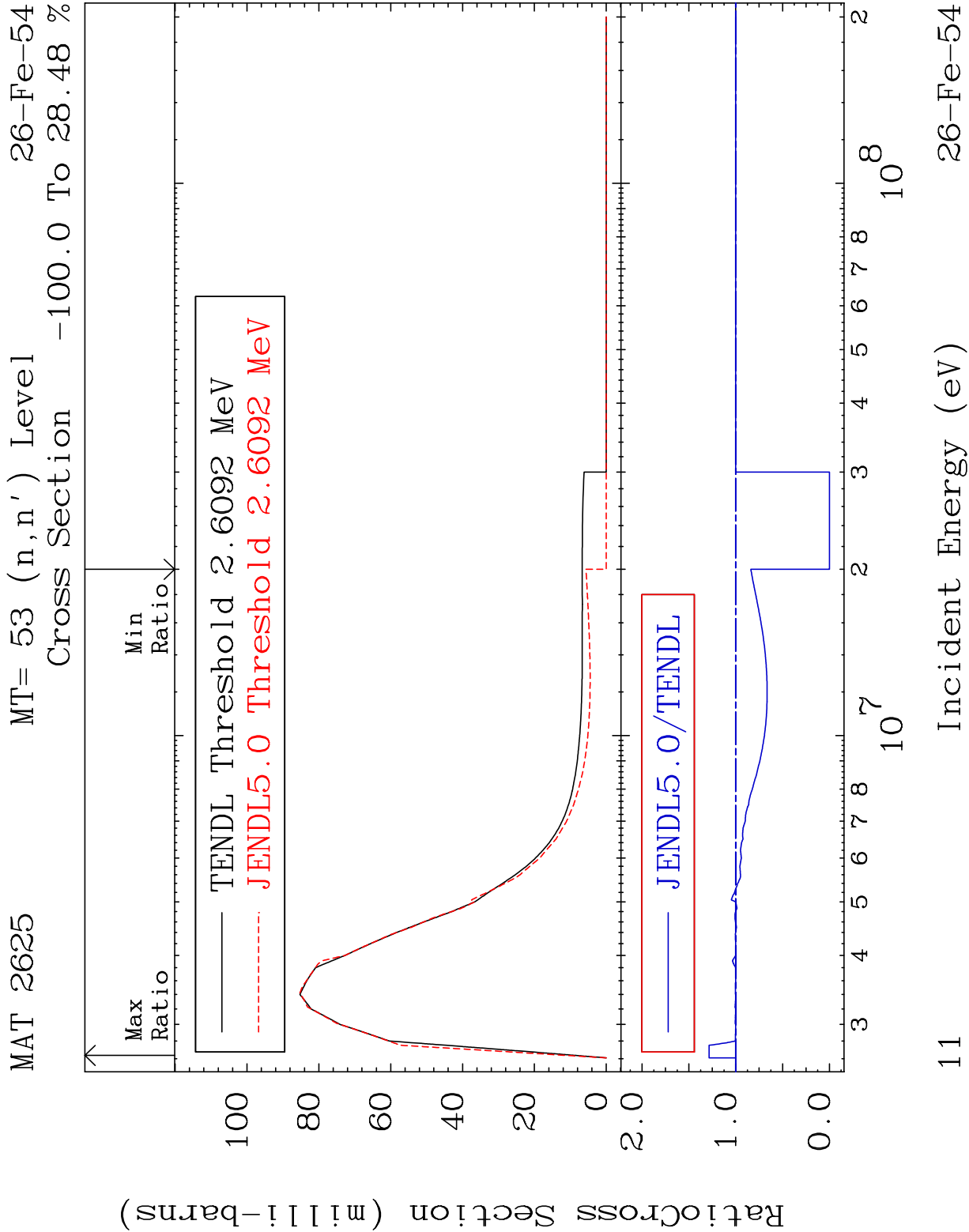
7

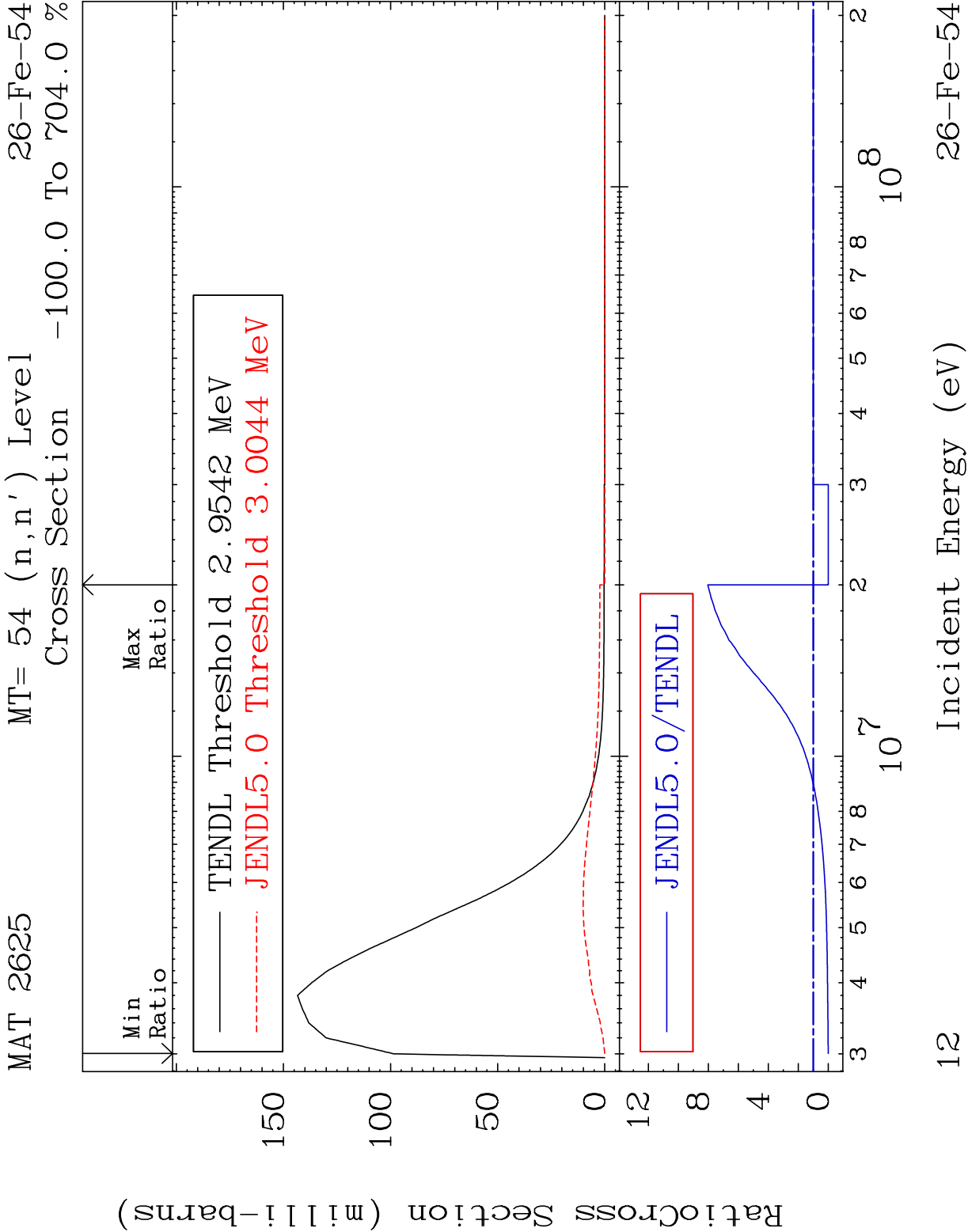




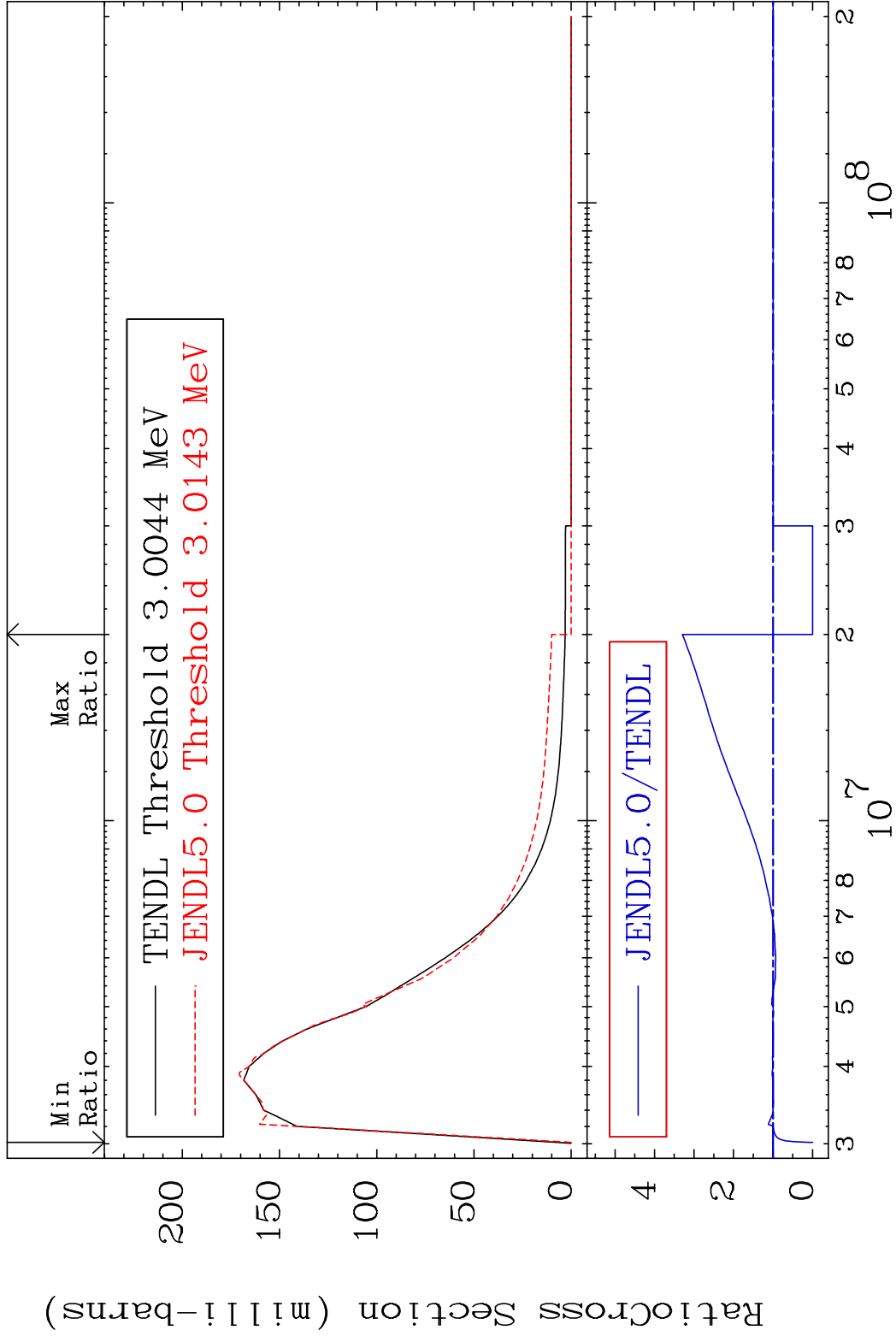
MAT 2625	MT= 52 (n, n') Level	26-Fe-54
	Cross Section	-100.0 To 302.9 %



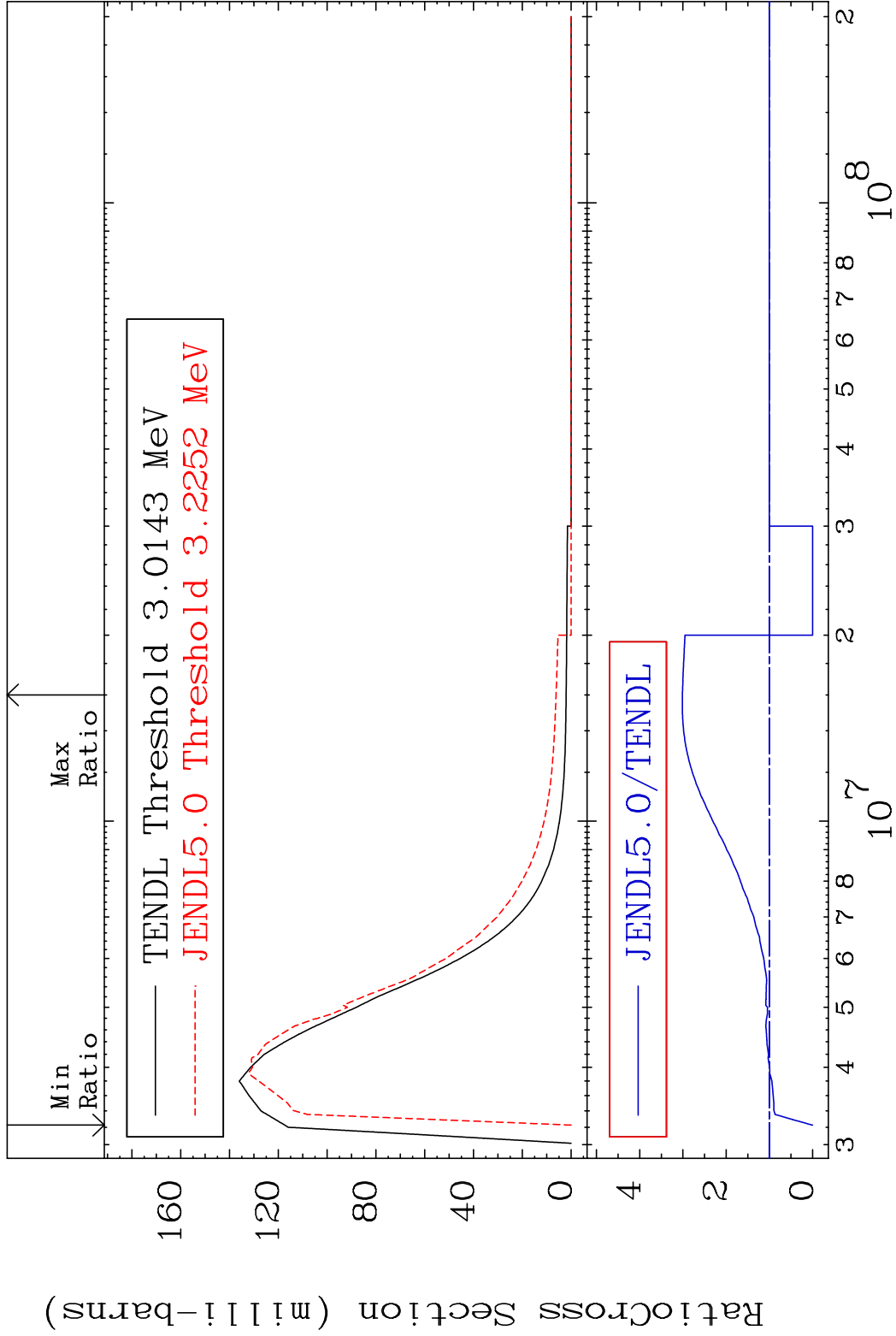




MAT 2625 MT= 55 (n,n') Level 26-Fe-54
Cross Section -100.0 To 229.6 %

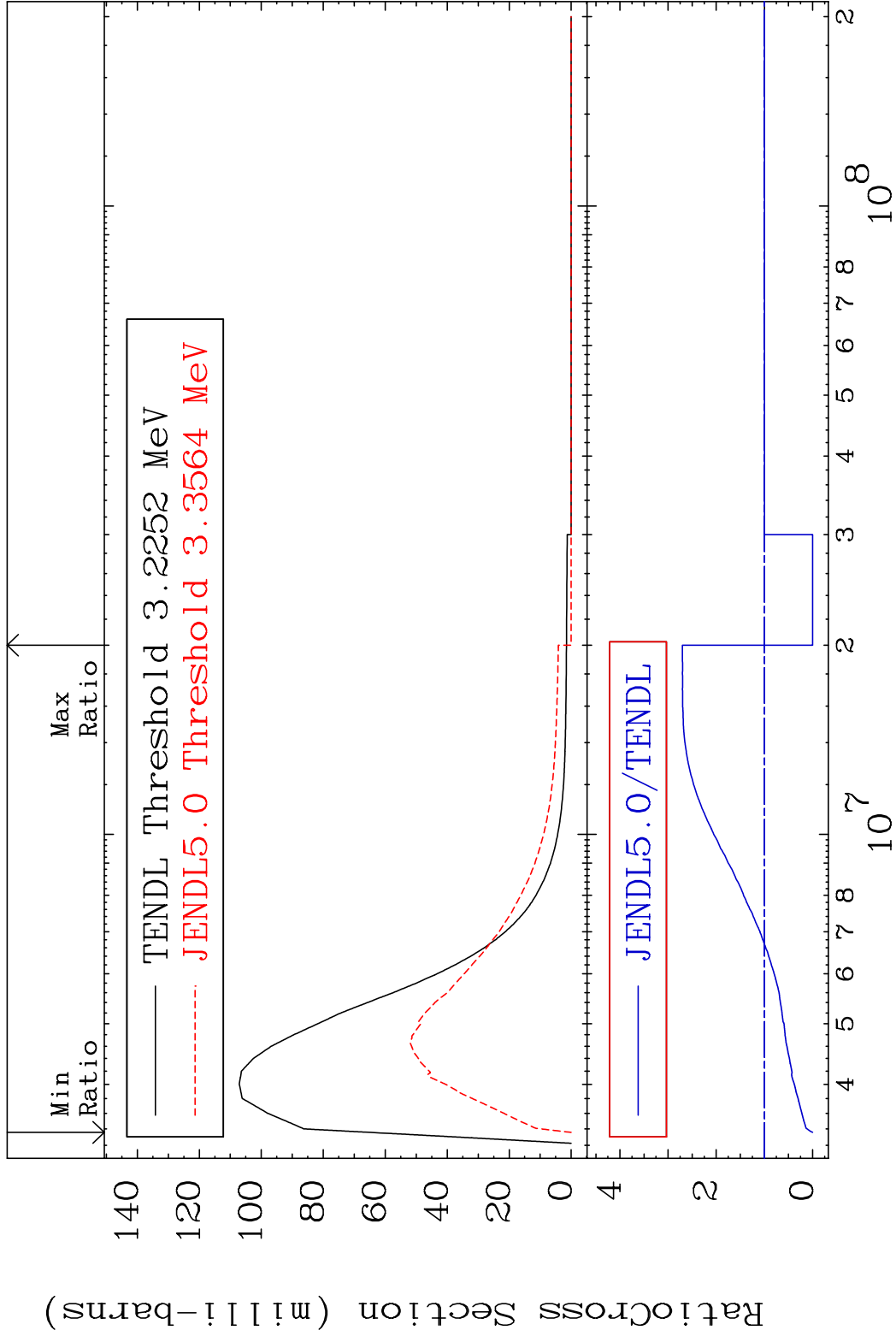


MAT 2625 MT= 56 (n,n') Level 26-Fe-54
Cross Section -100.0 To 201.3 %

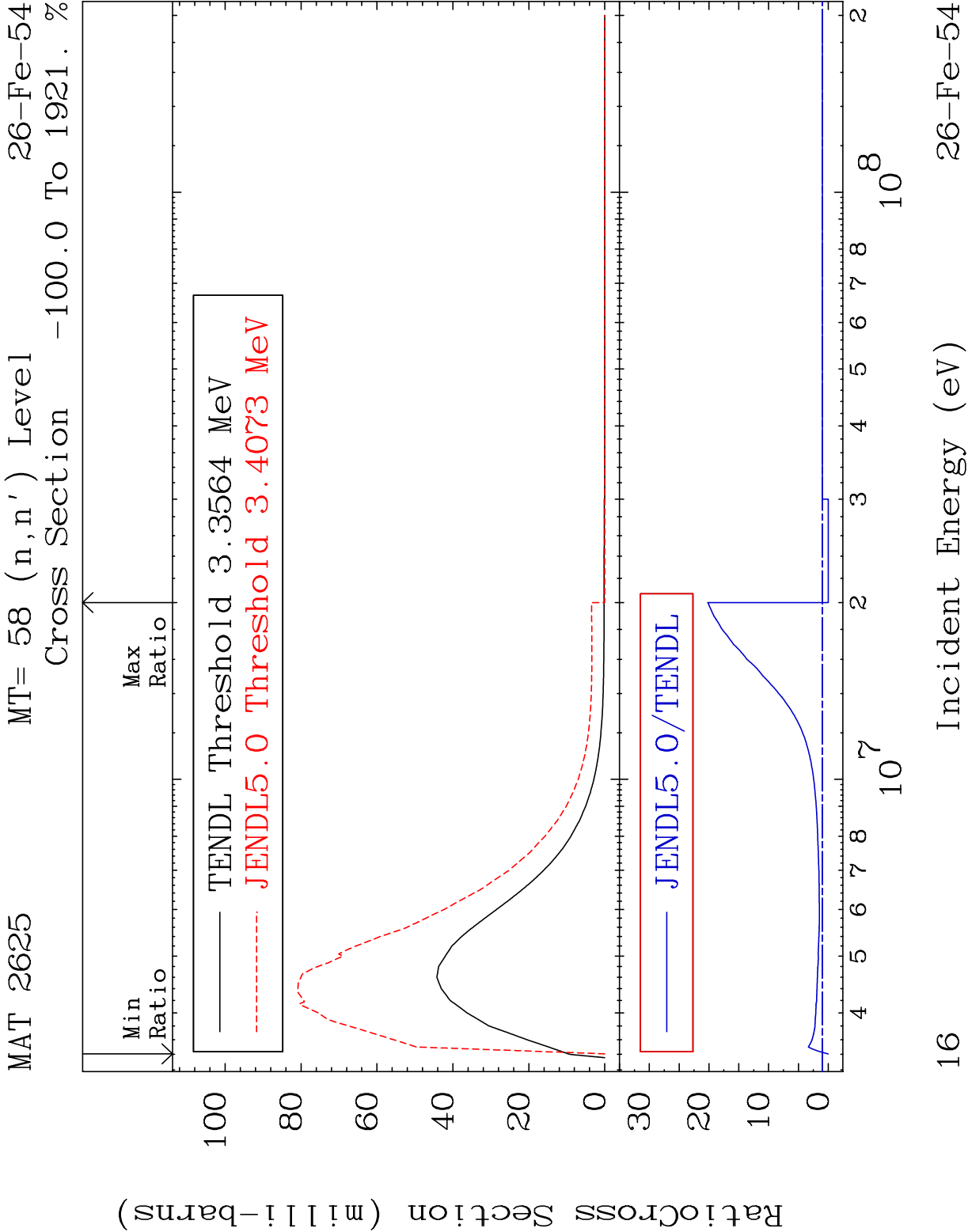


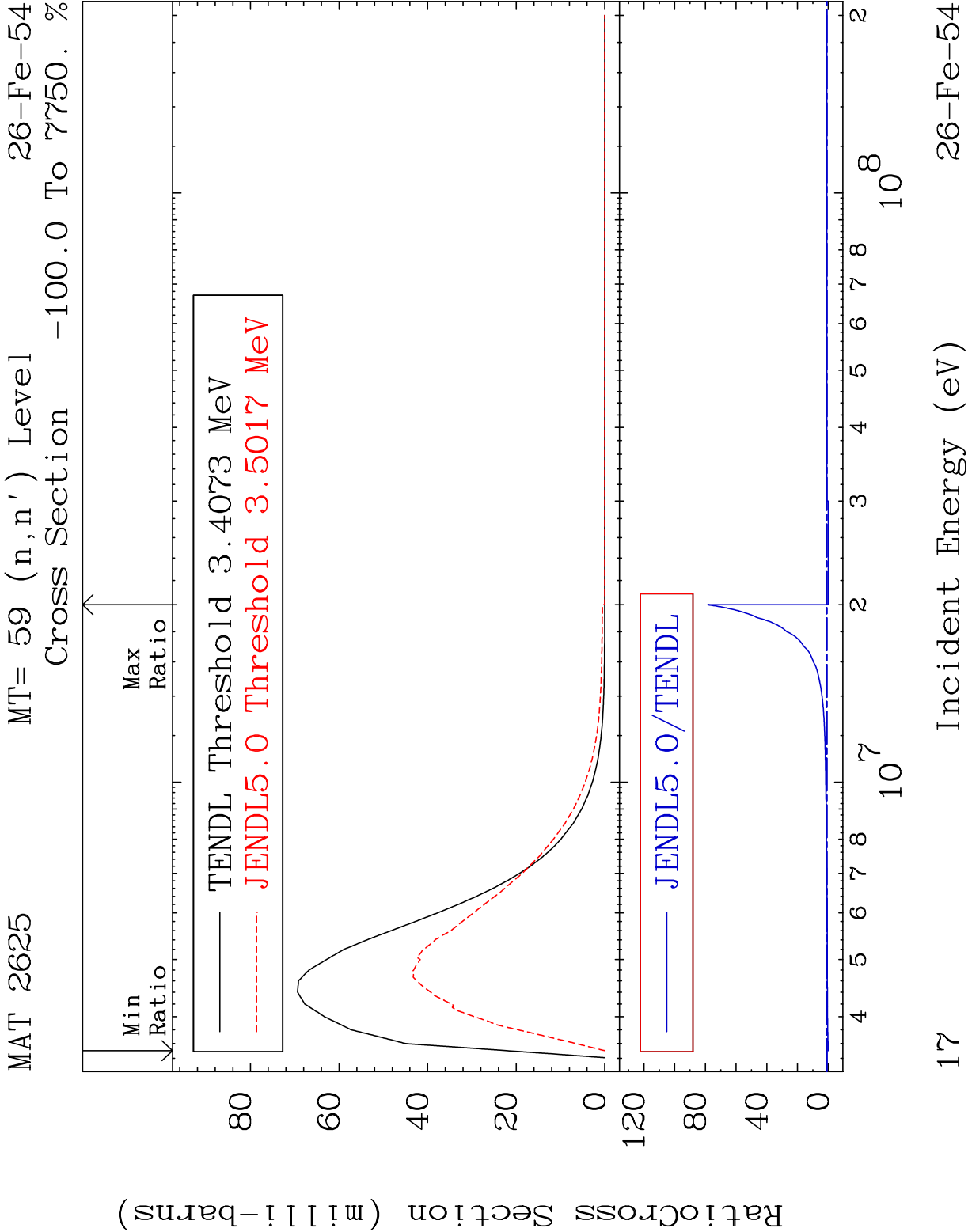
14 Incident Energy (eV) 26-Fe-54

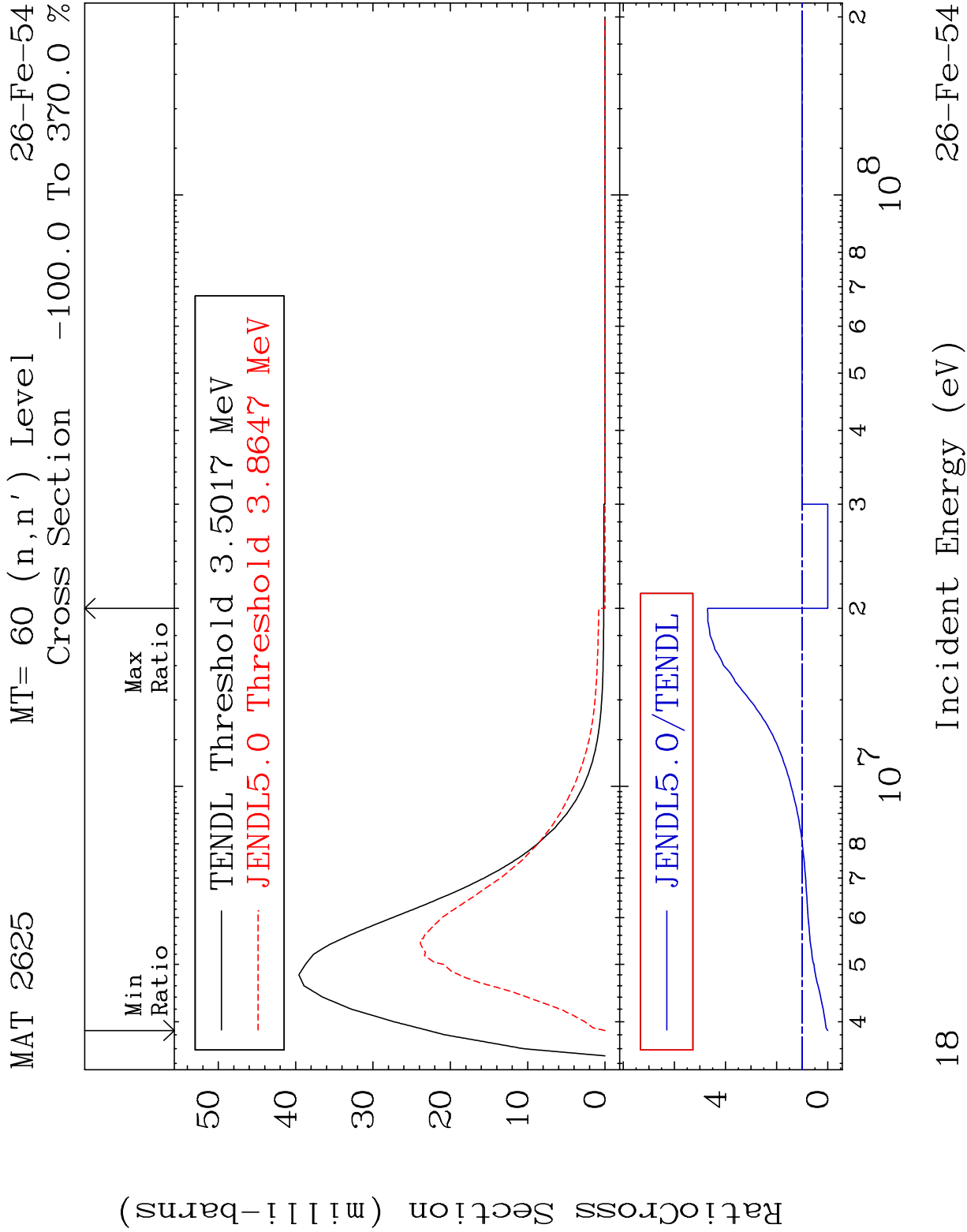
MAT 2625 MT= 57 (n,n') Level 26-Fe-54
Cross Section -100.0 To 170.4 %

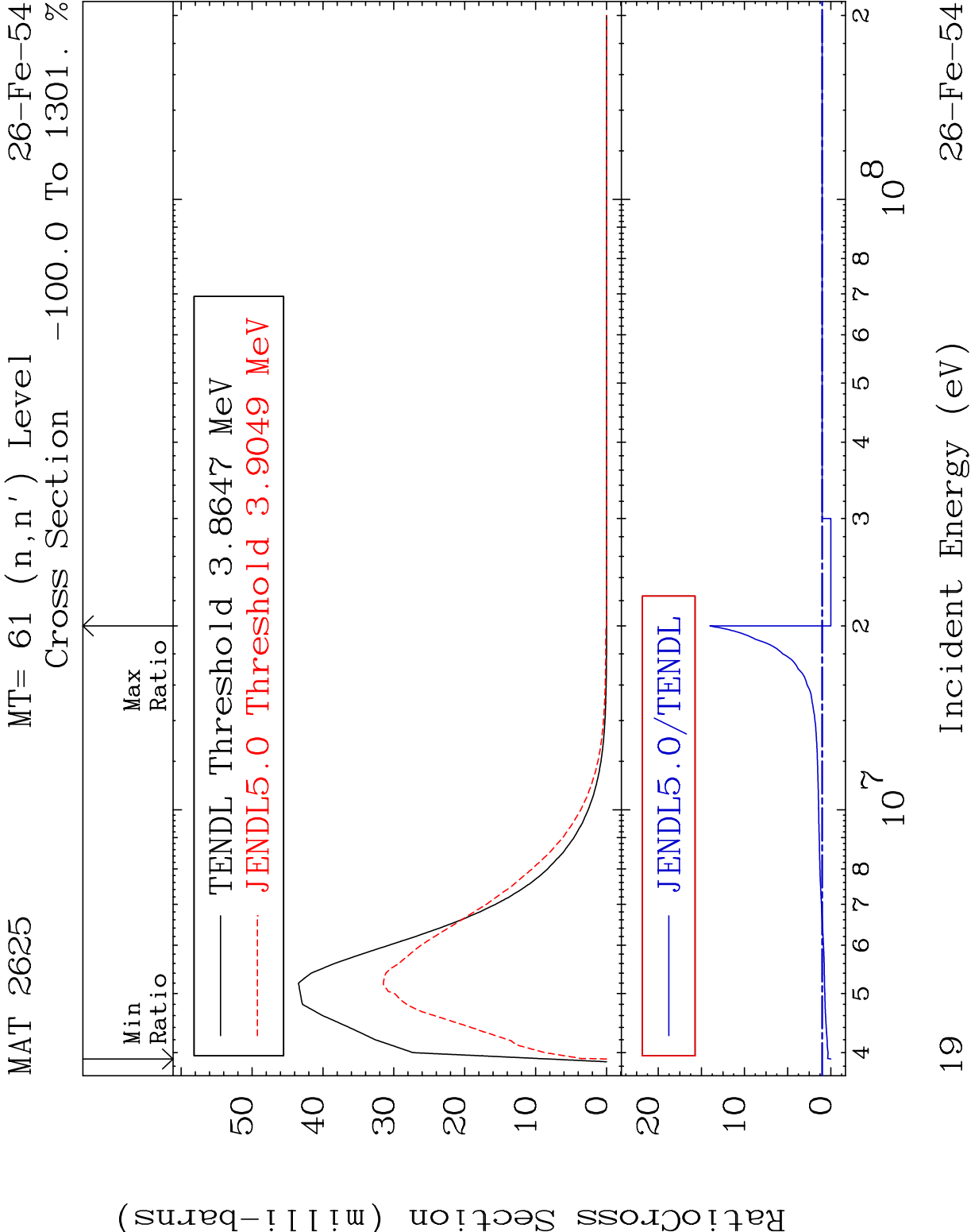


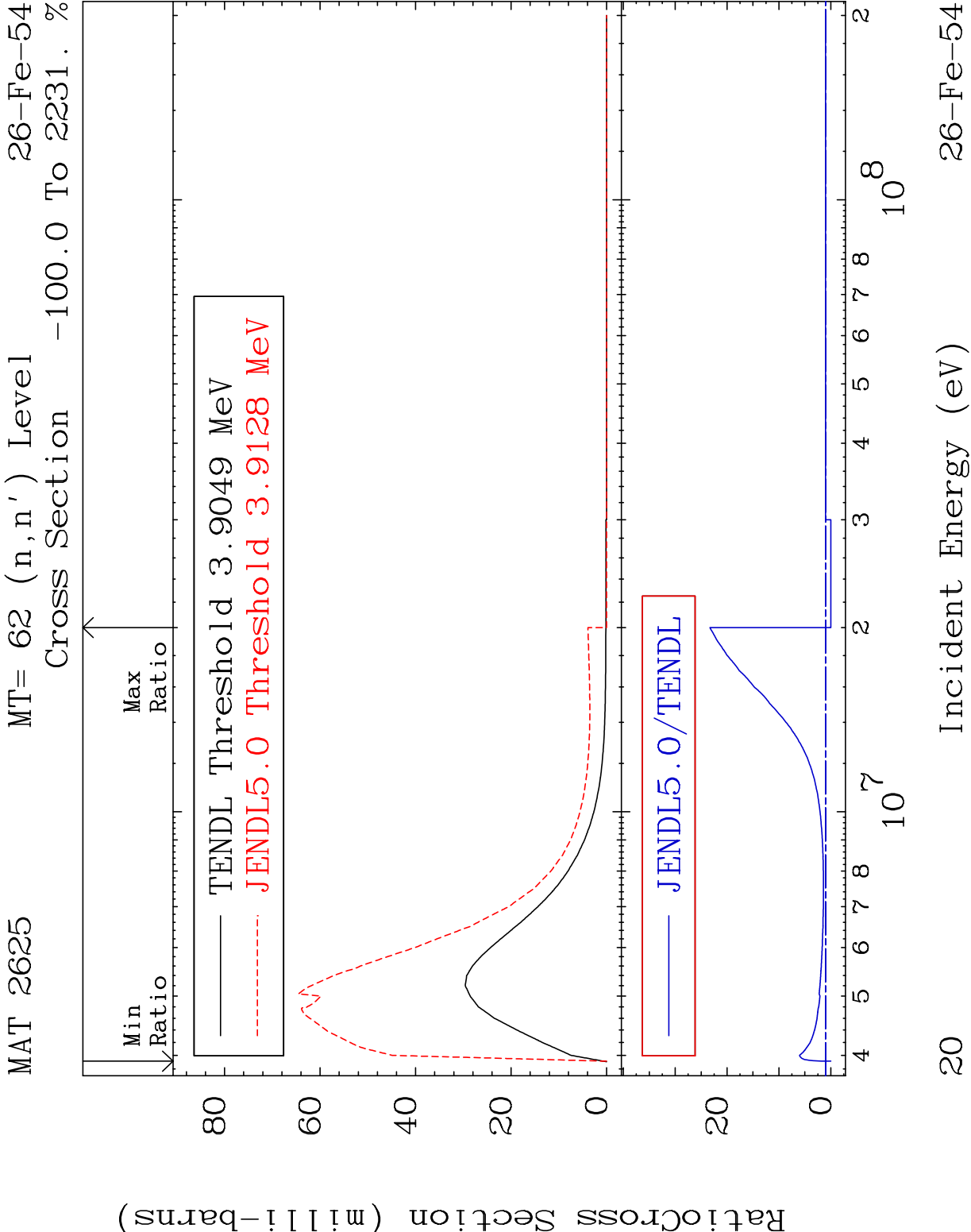
15 Incident Energy (eV) 26-Fe-54

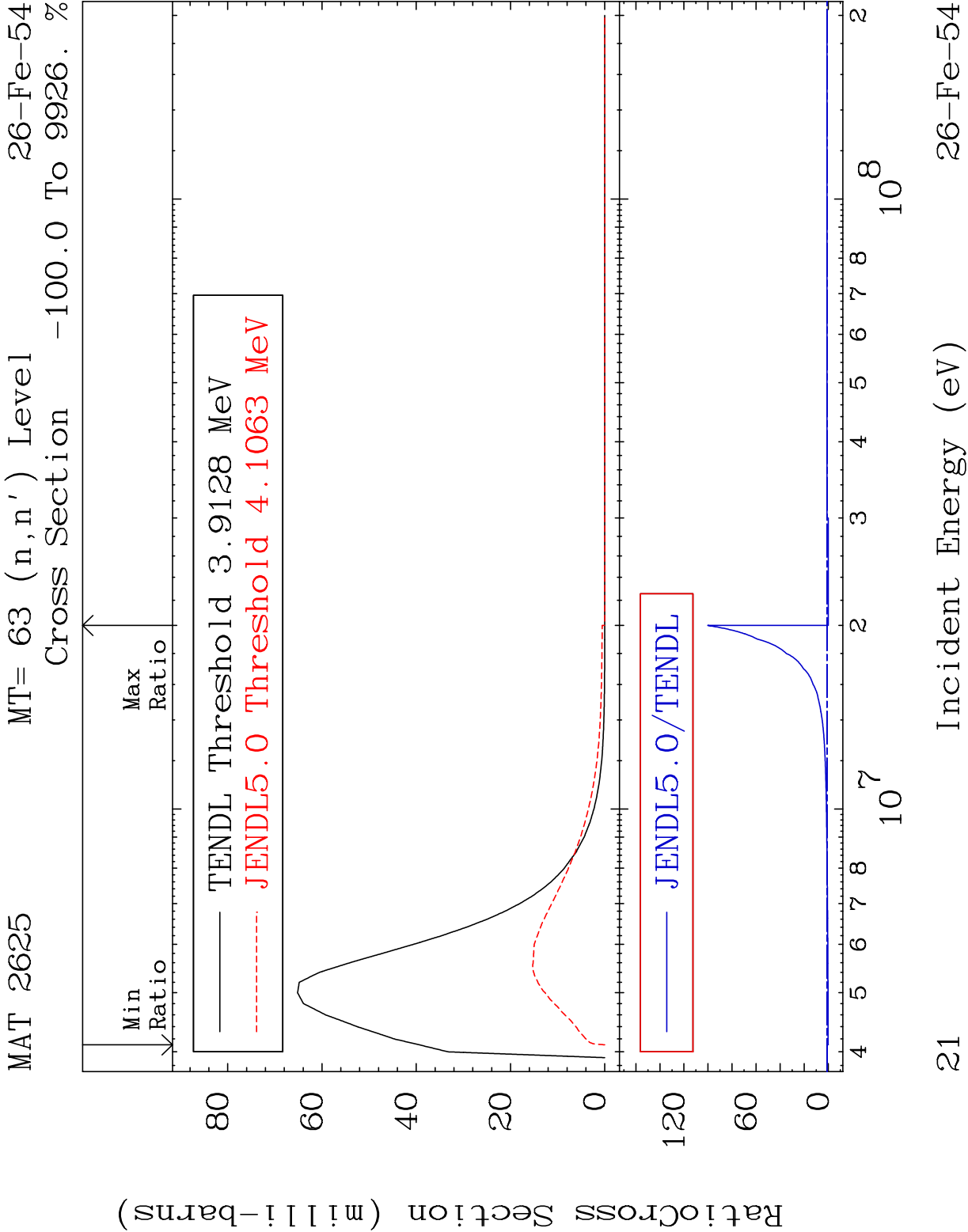










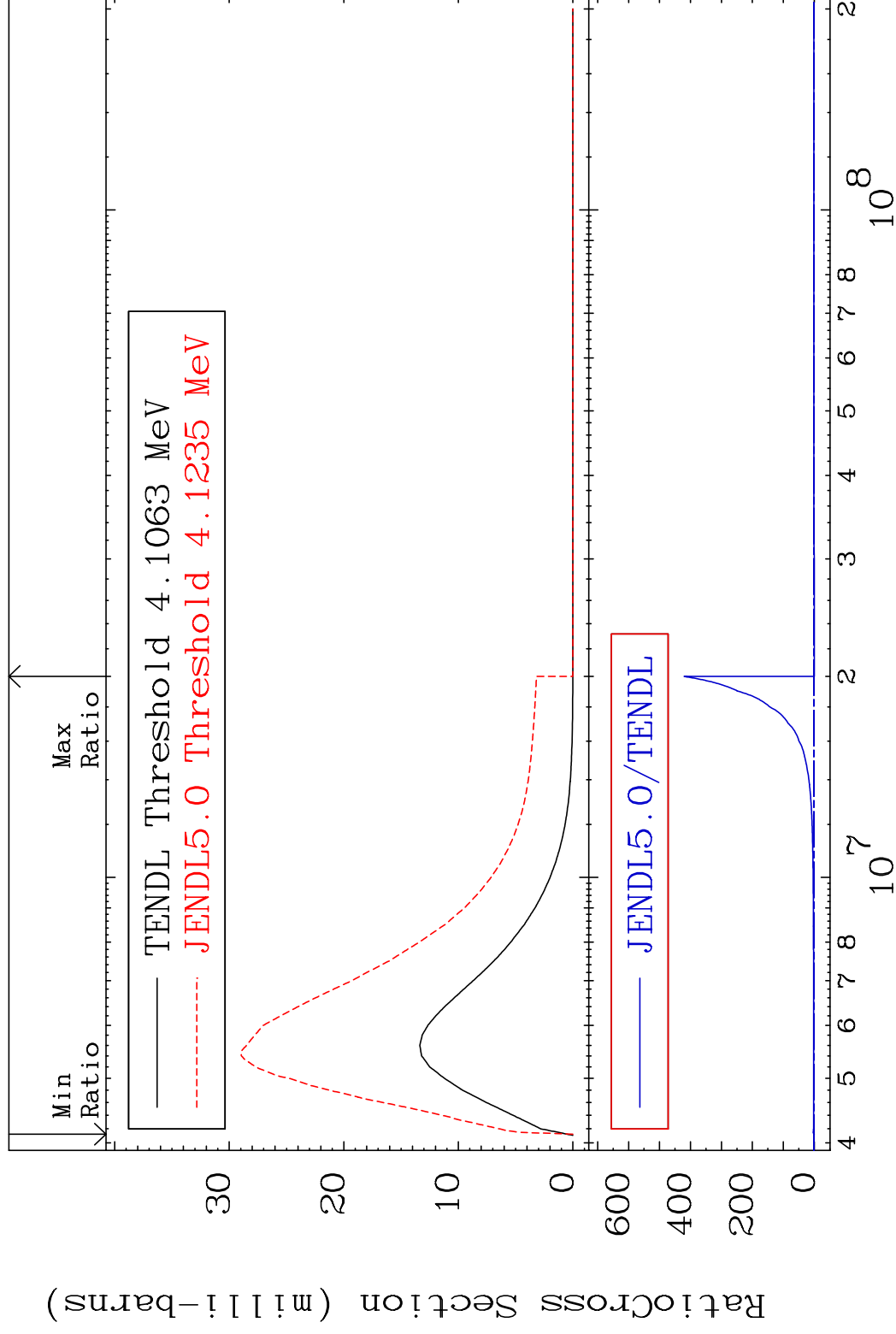


MAT 2625

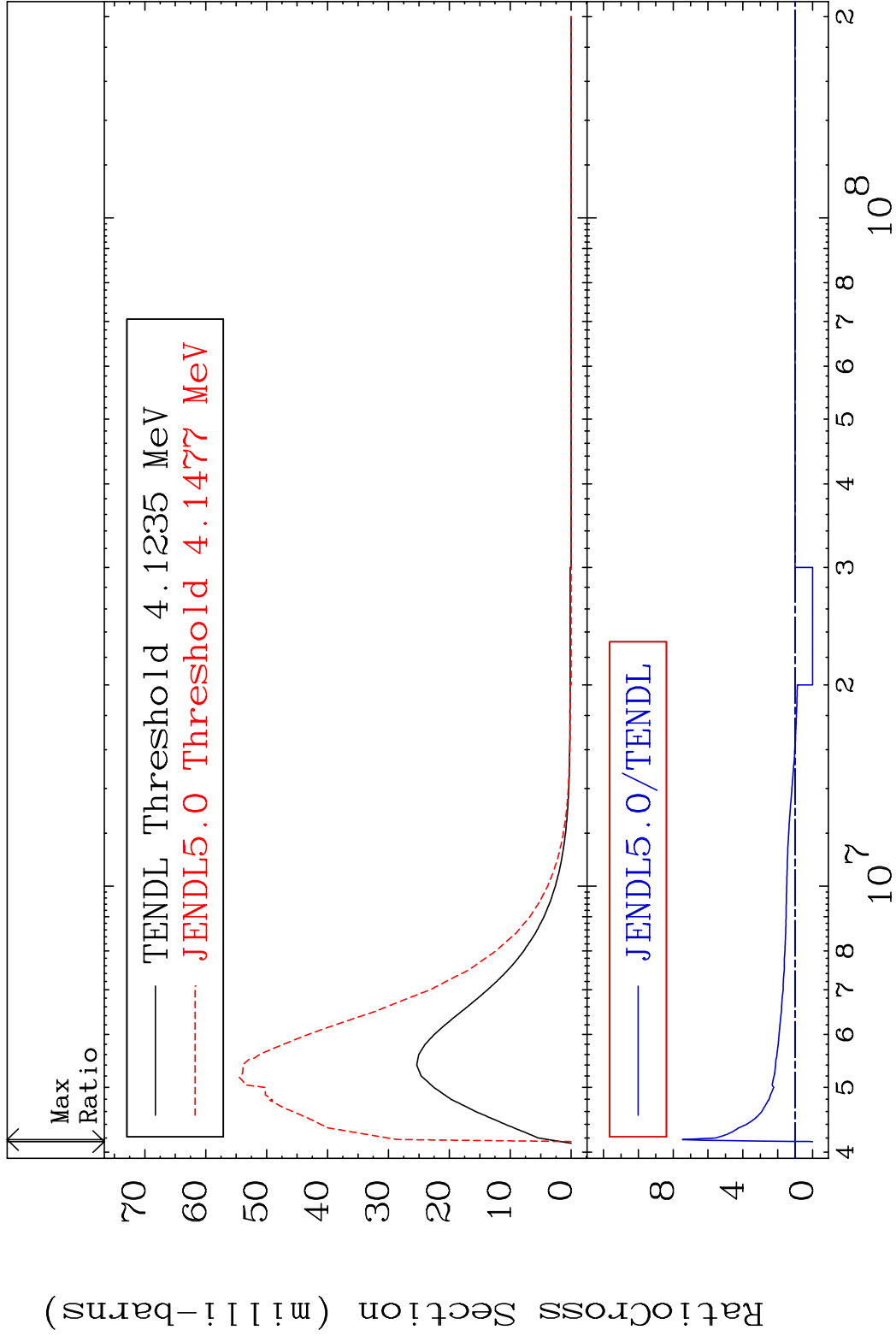
MT= 64 (n, n') Level

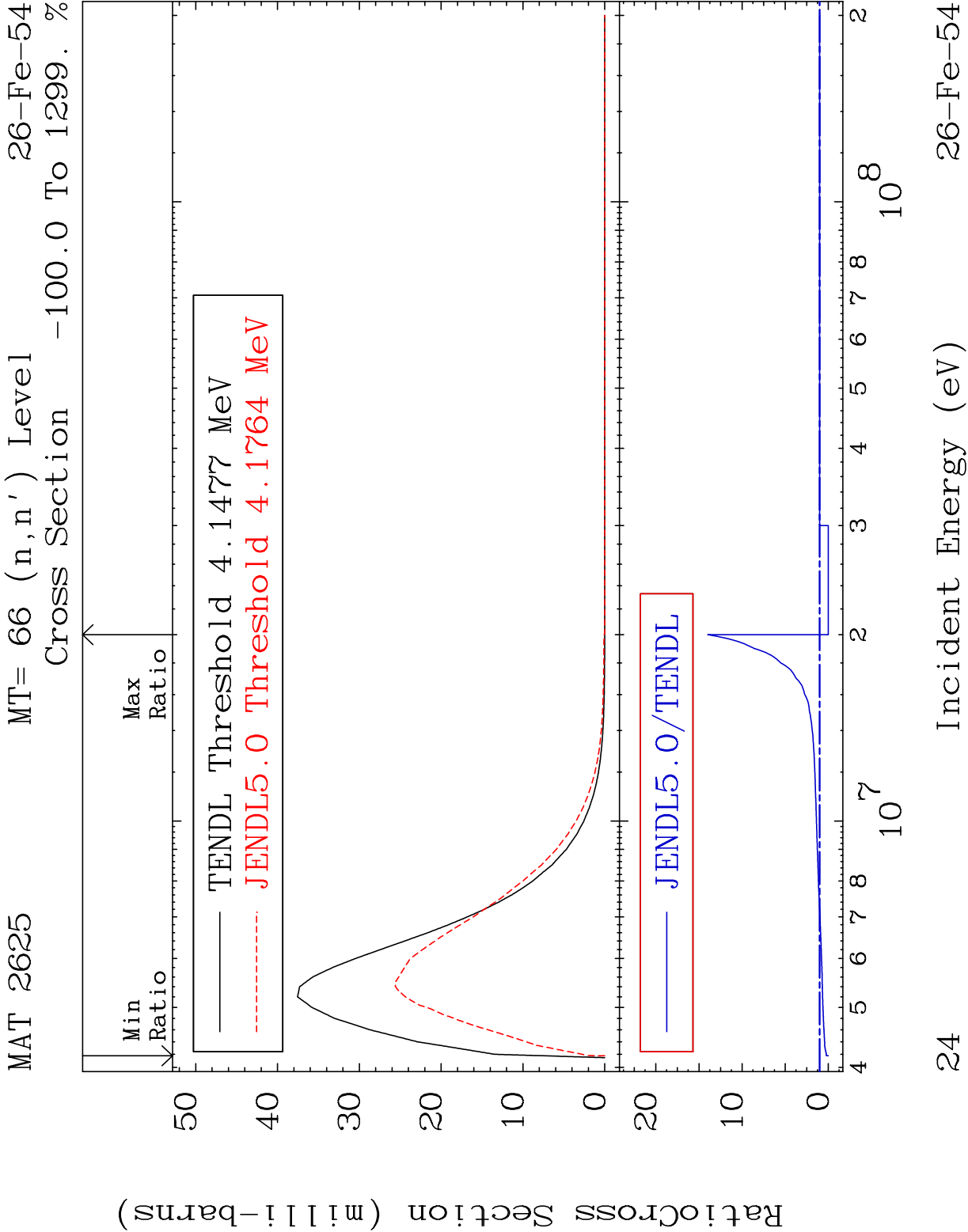
 $^{26}\text{Fe-54}$

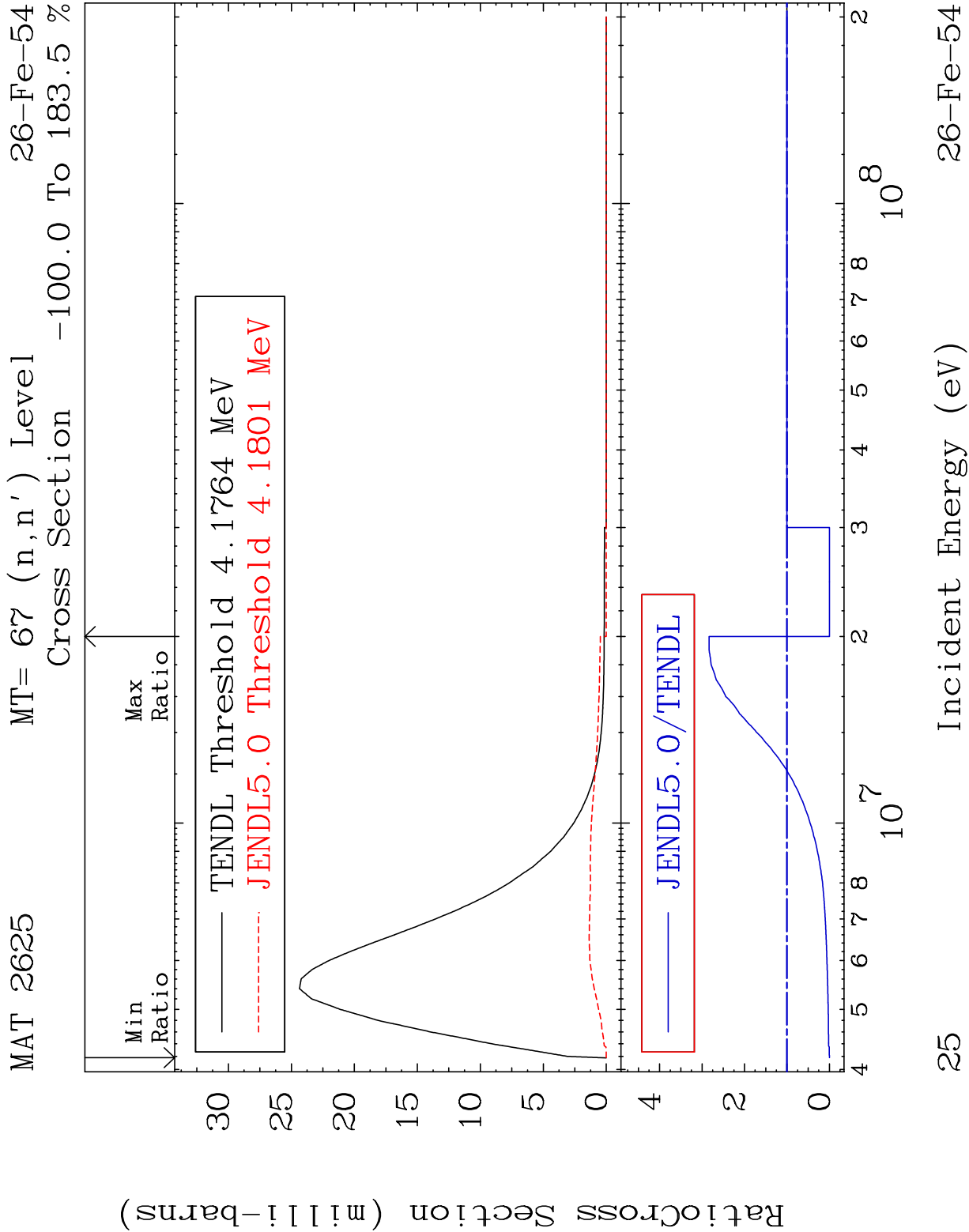
Cross Section -100.0 To 9999. %

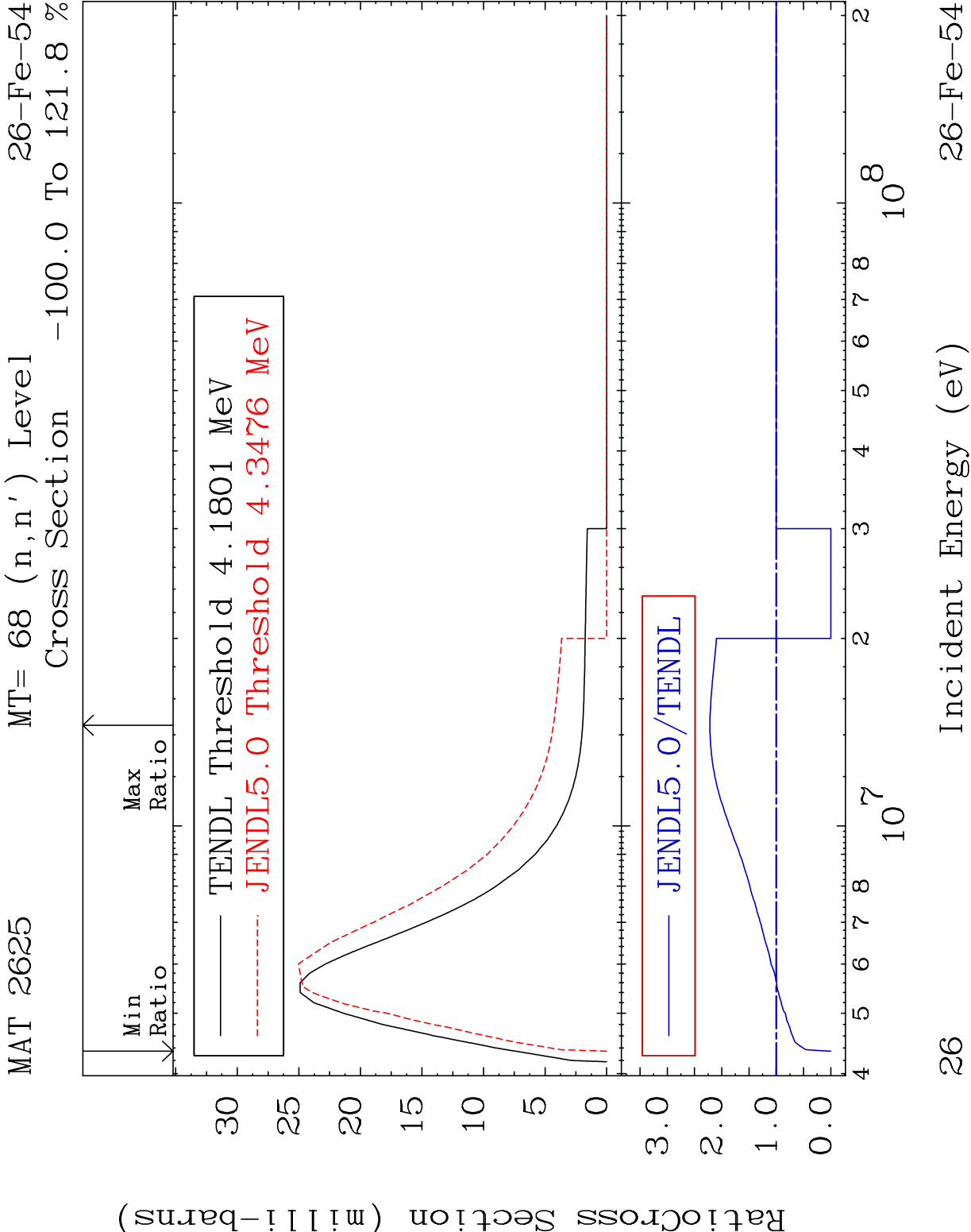


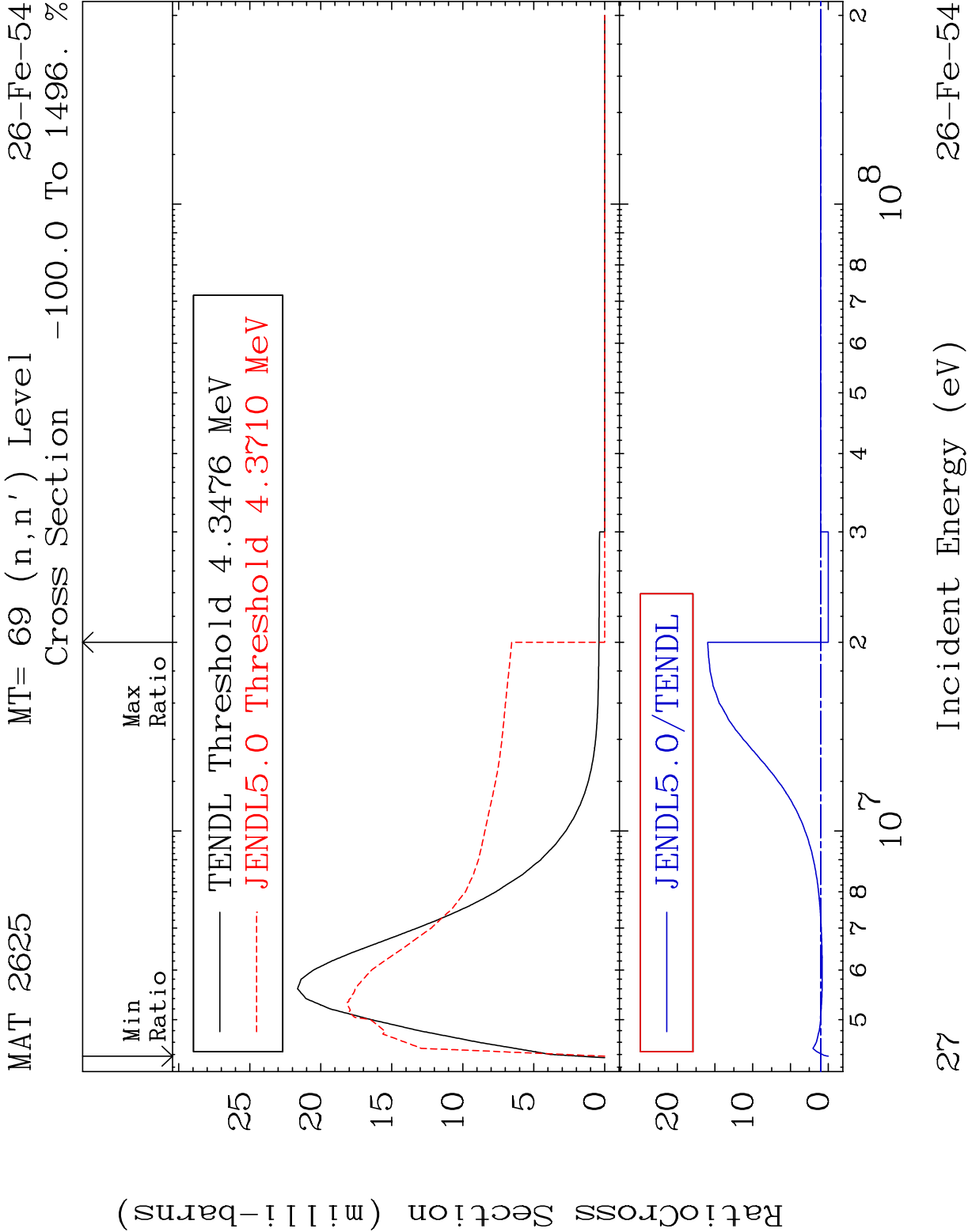
MAT 2625 MT= 65 (n,n') Level 26-Fe-54
Cross Section -100.0 To 647.5 %

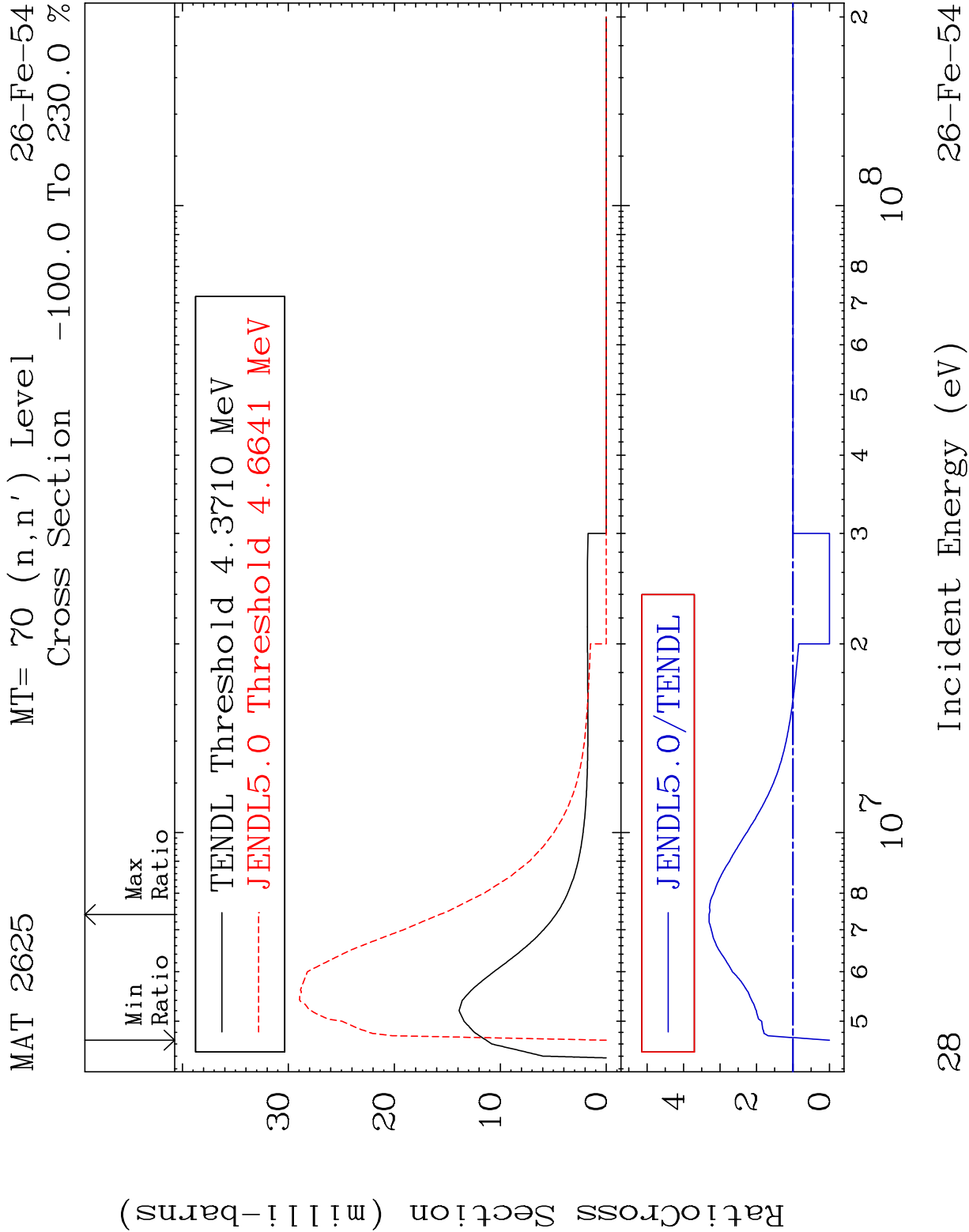




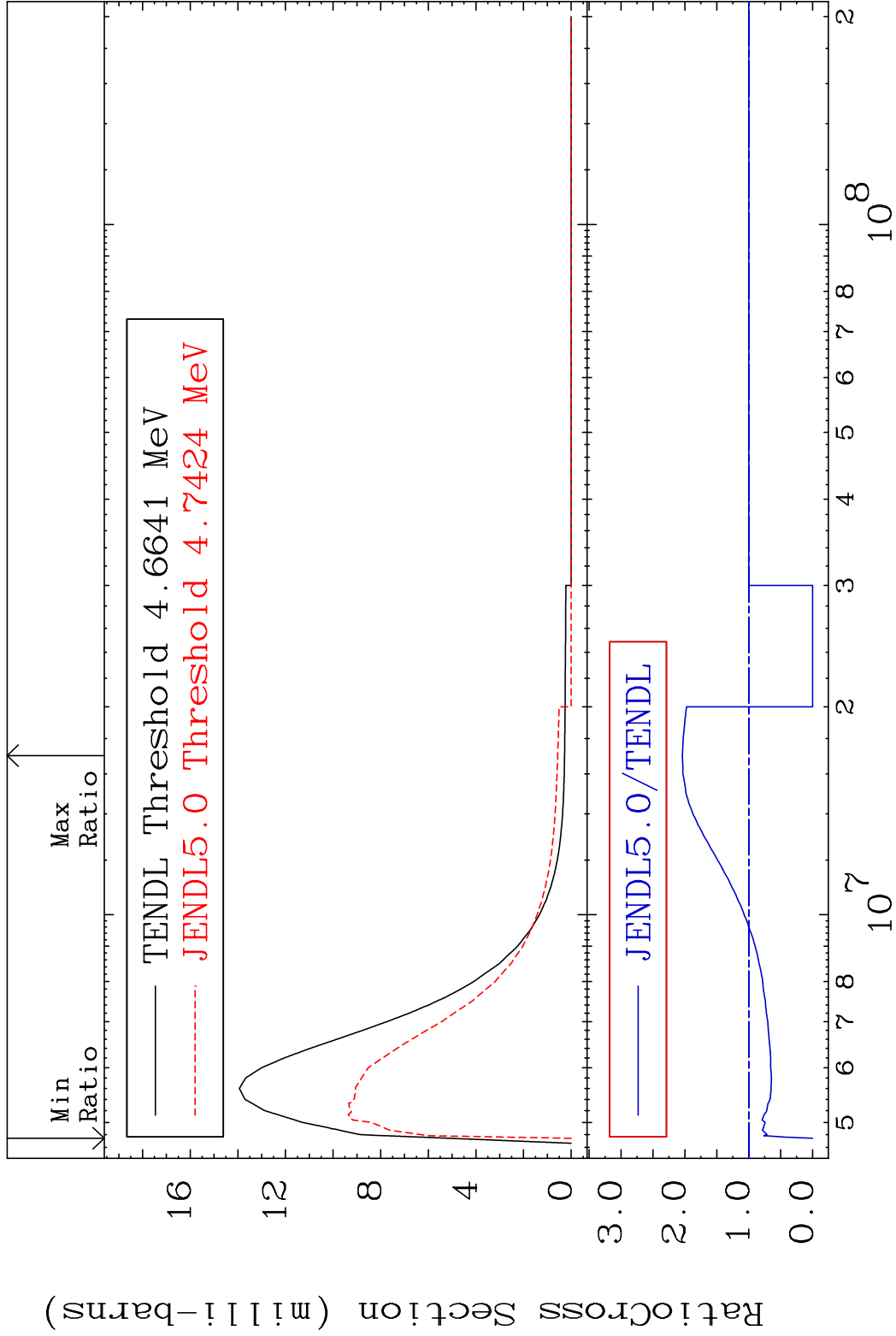




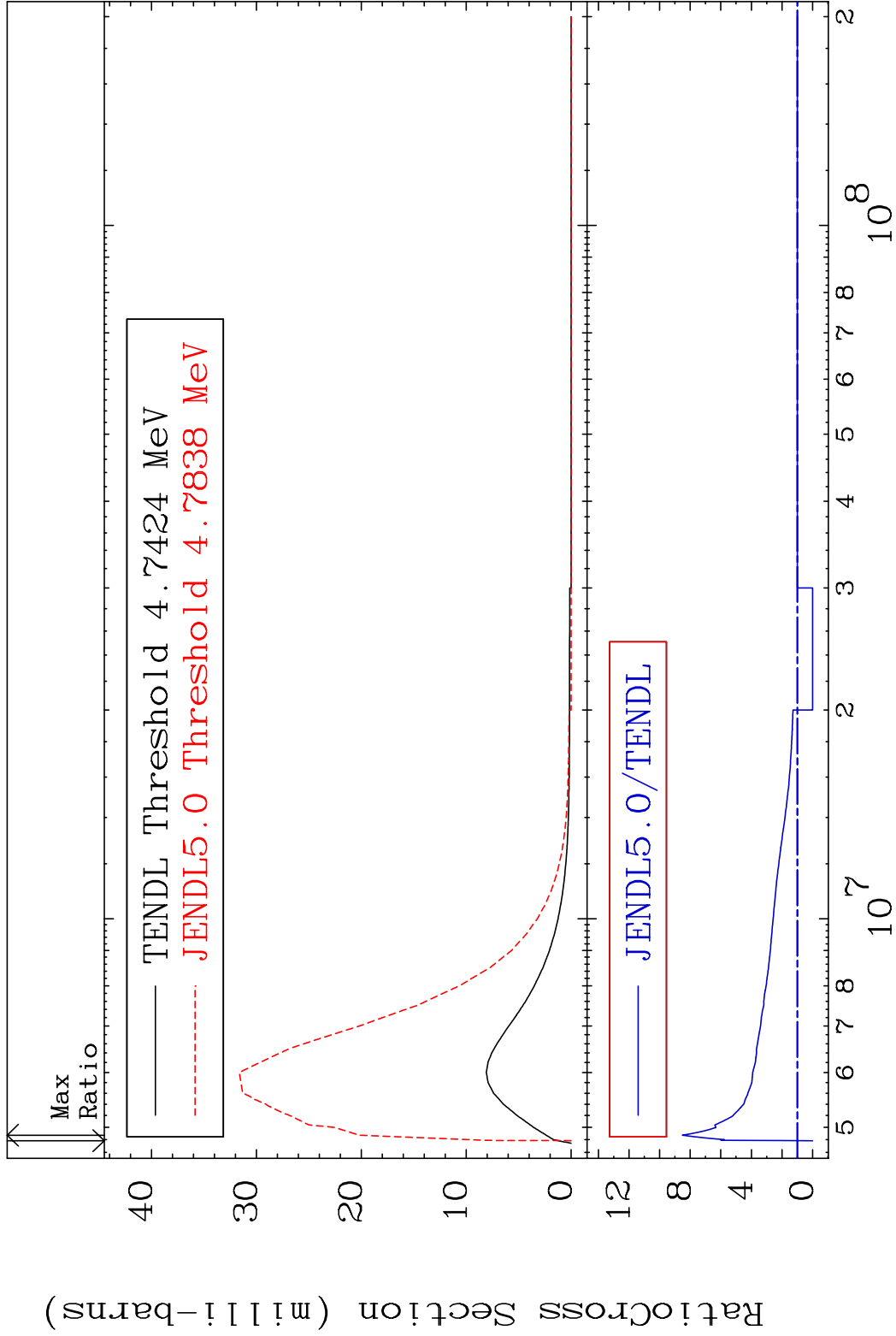




MAT 2625 MT= 71 (n,n') Level 26-Fe-54
Cross Section -100.0 To 104.0 %

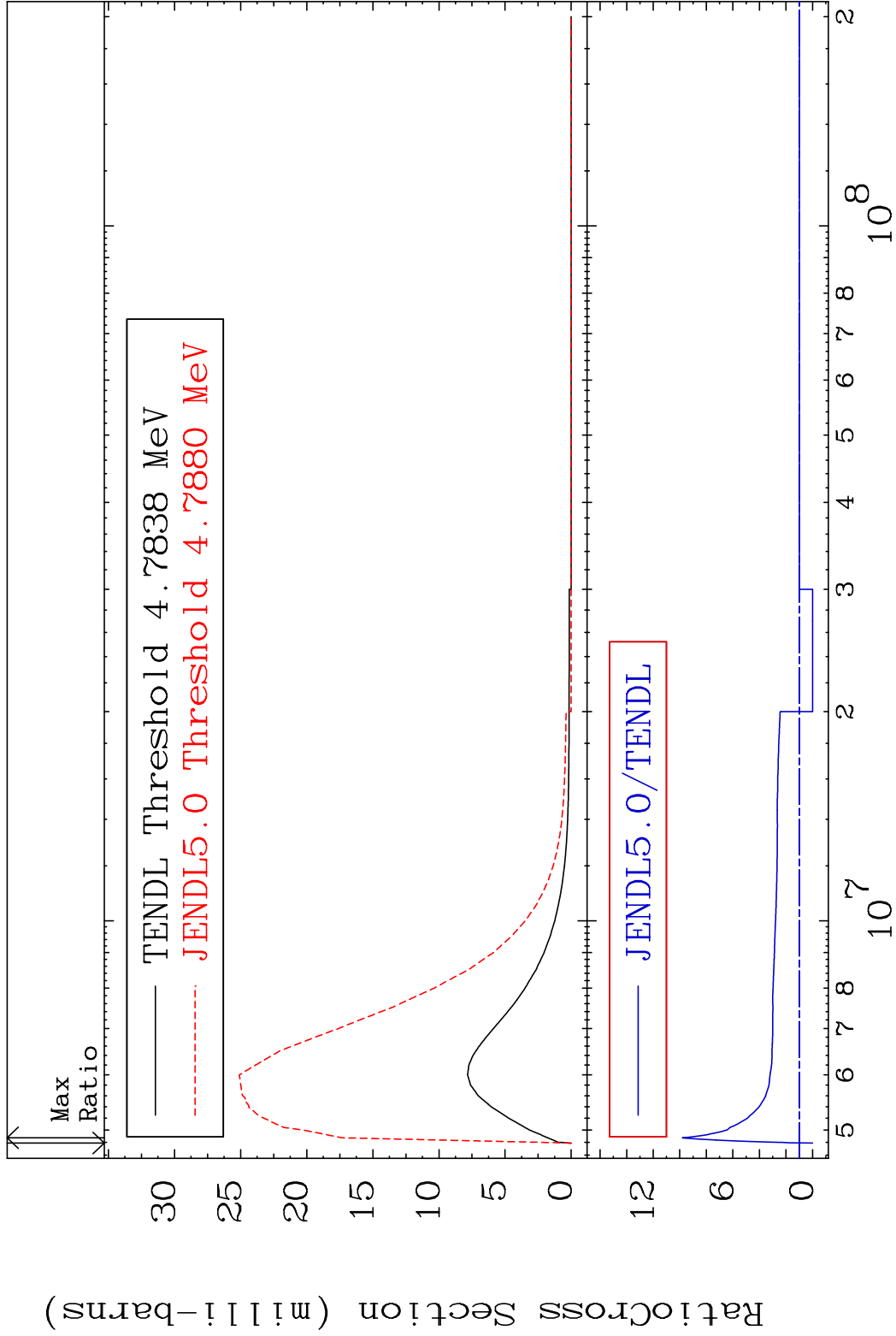


MAT 2625 MT= 72 (n,n') Level 26-Fe-54
Cross Section -100.0 To 751.3 %

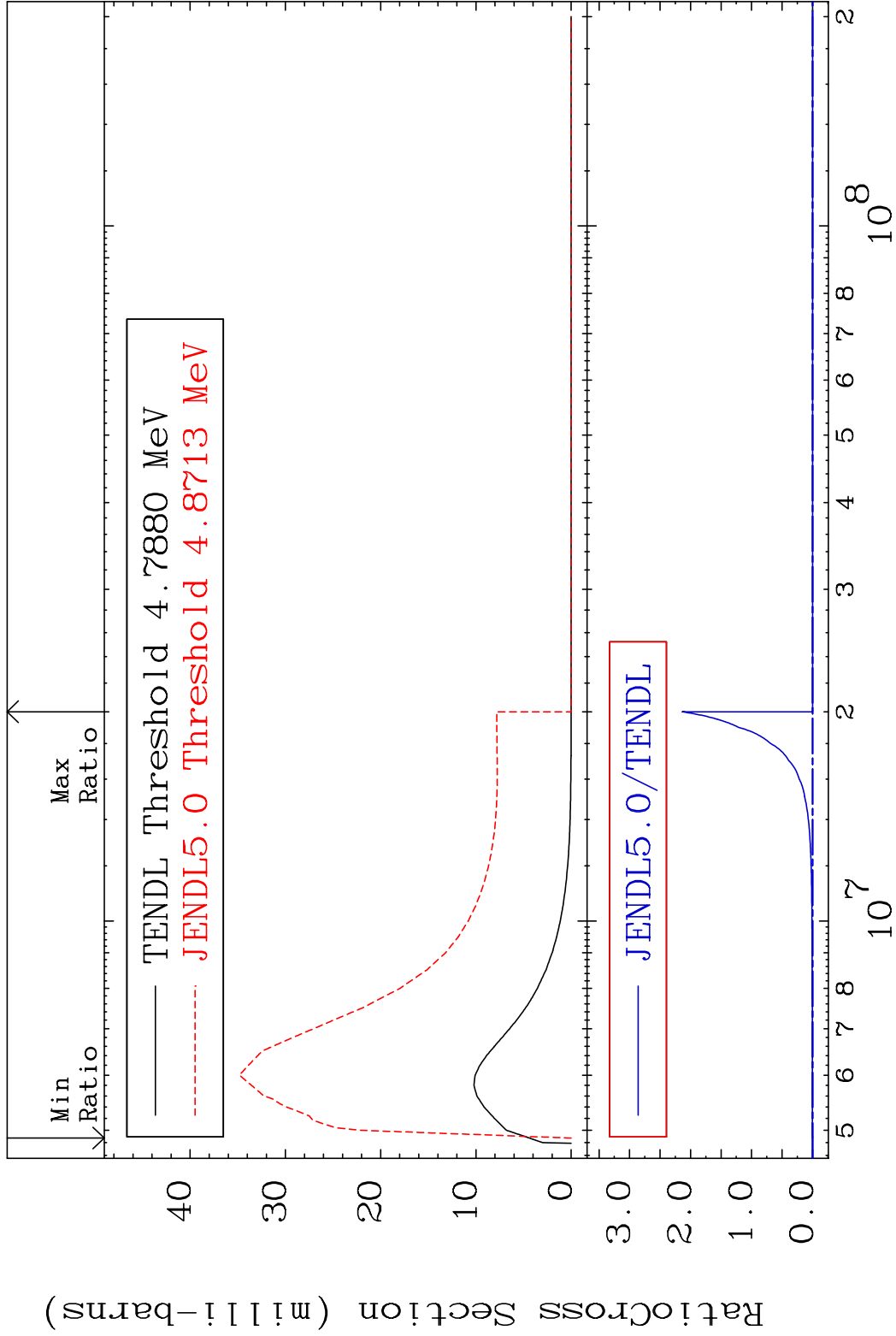


30 Incident Energy (eV) 26-Fe-54

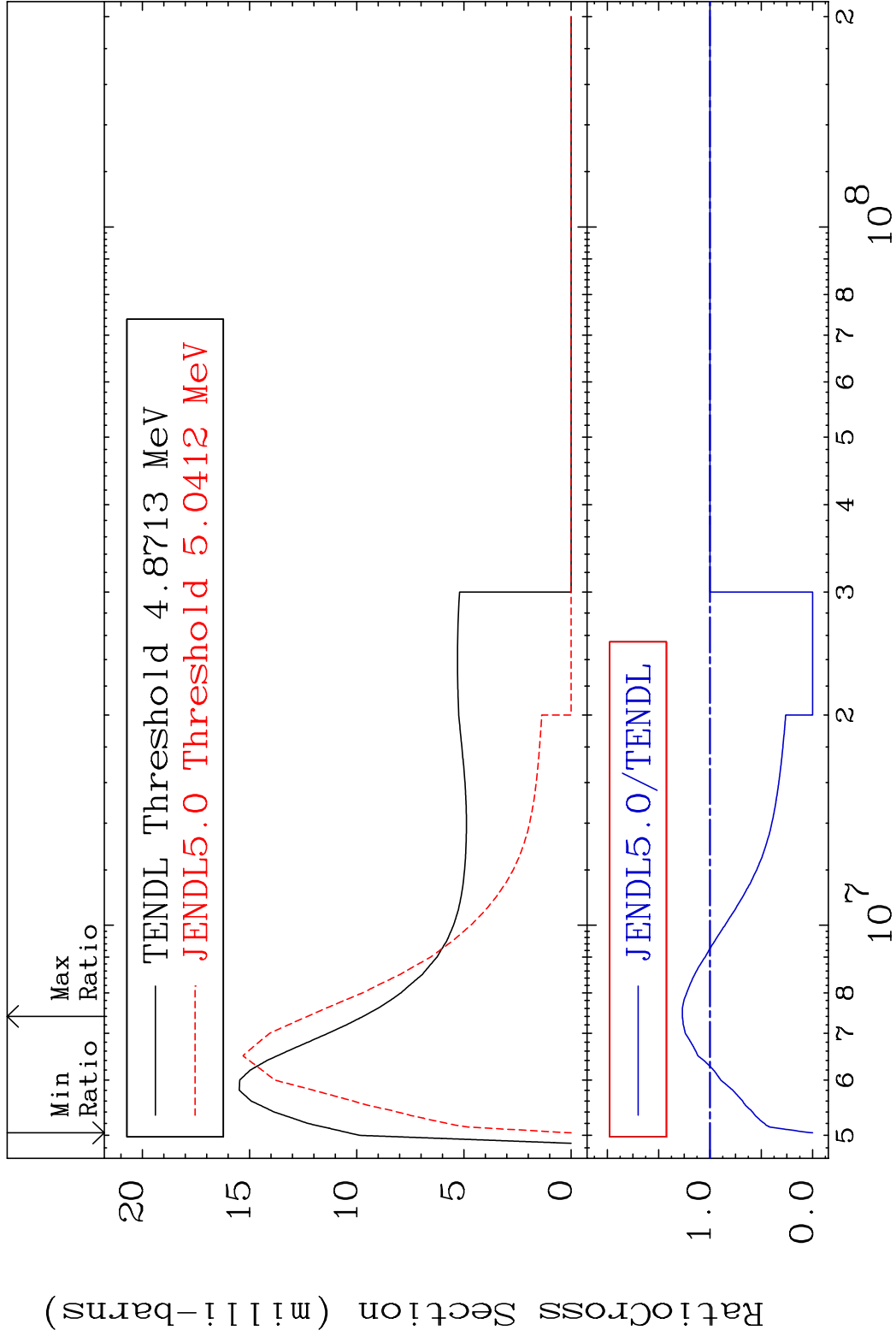
MAT 2625 MT= 73 (n,n') Level 26-Fe-54
Cross Section -100.0 To 880.5 %

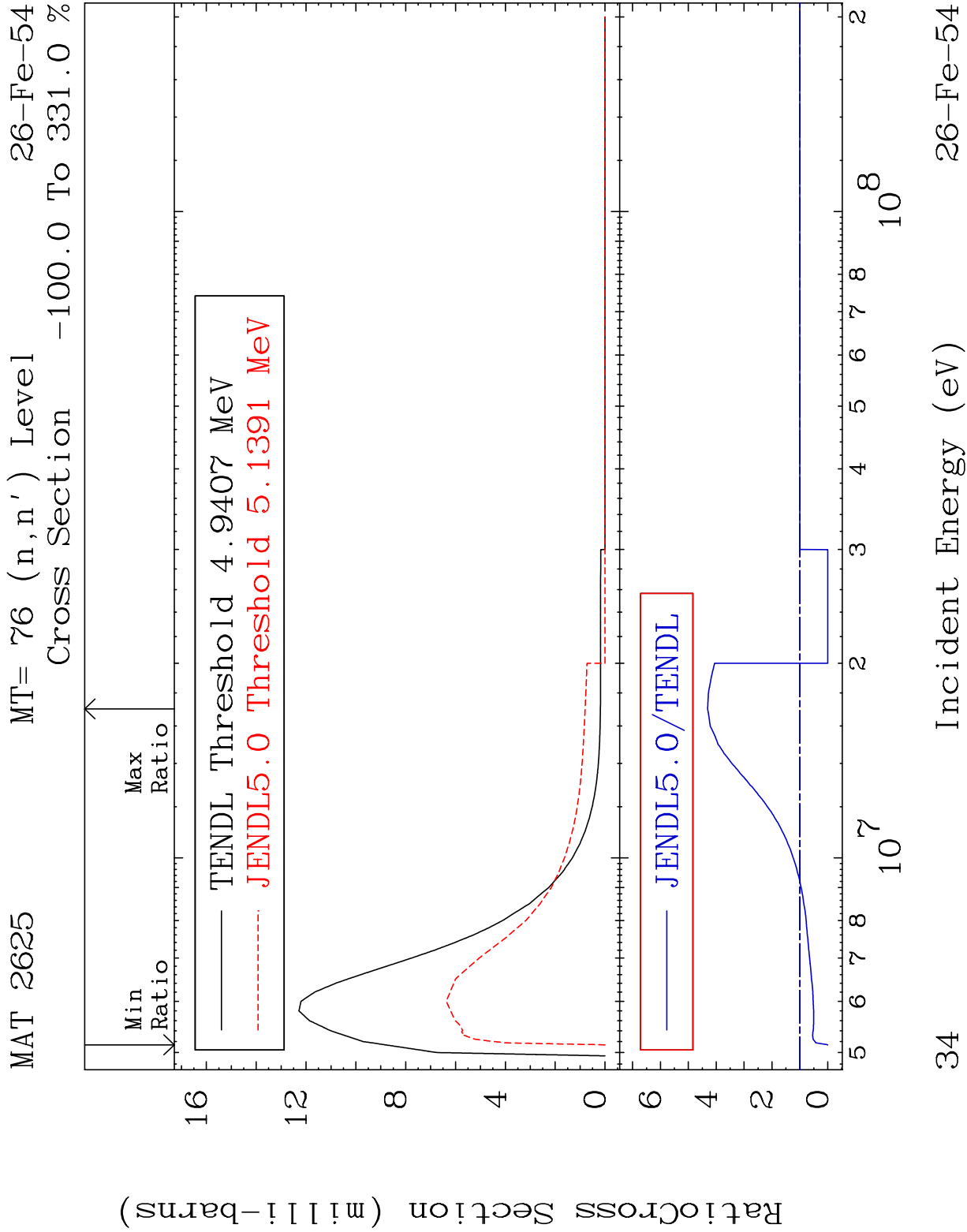


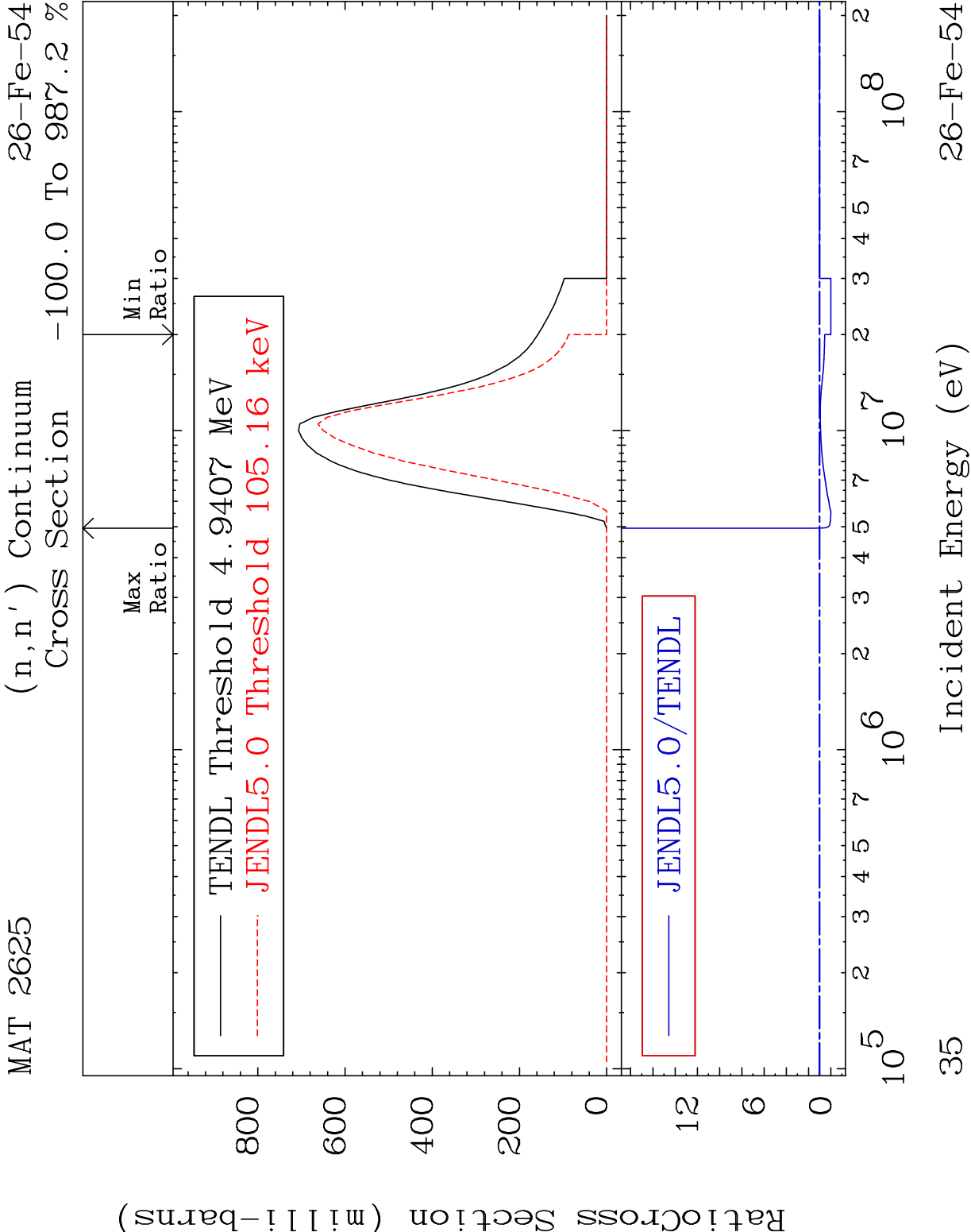
MAT 2625 MT= 74 (n,n') Level 26-Fe-54
Cross Section -100.0 To 9999. %

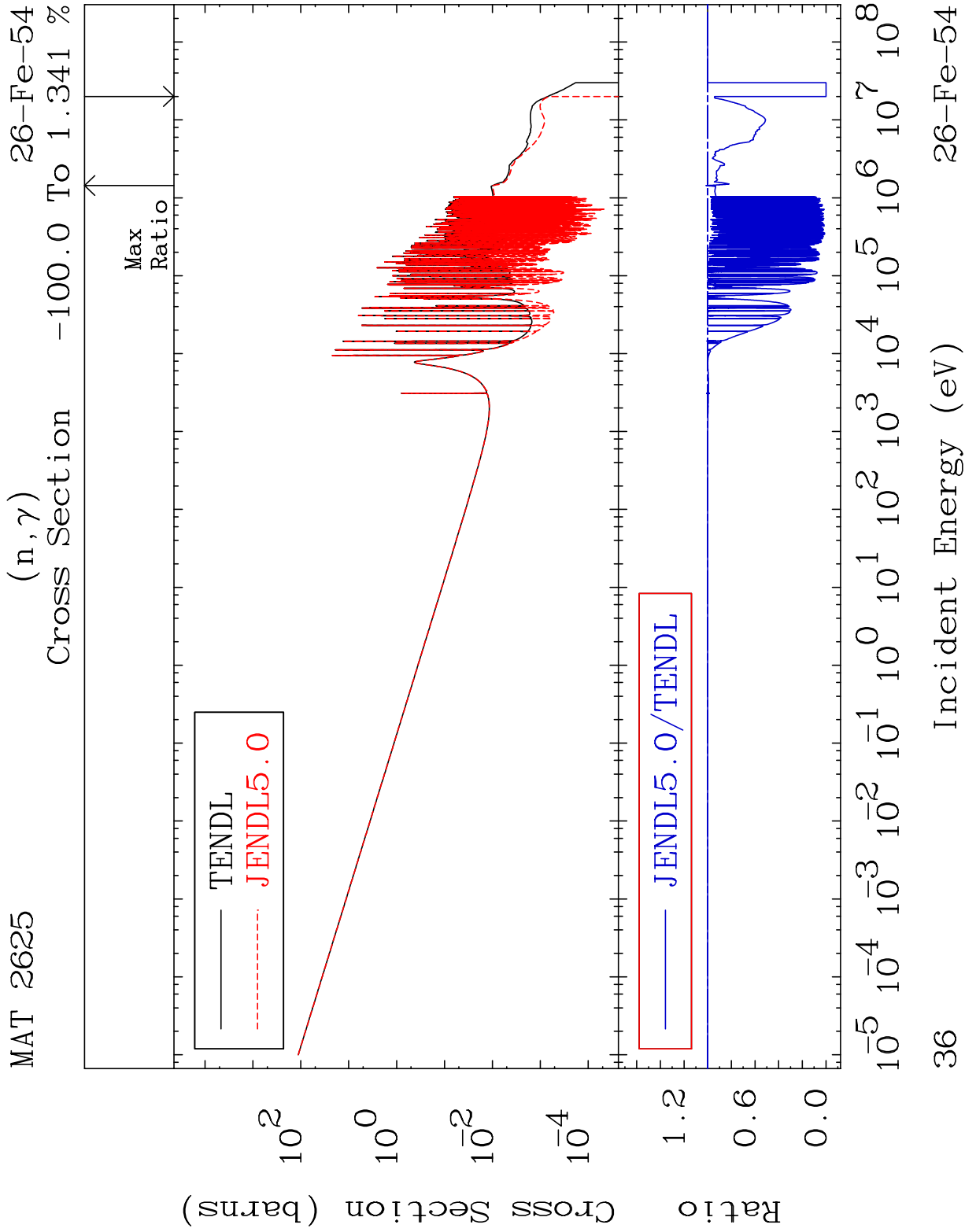


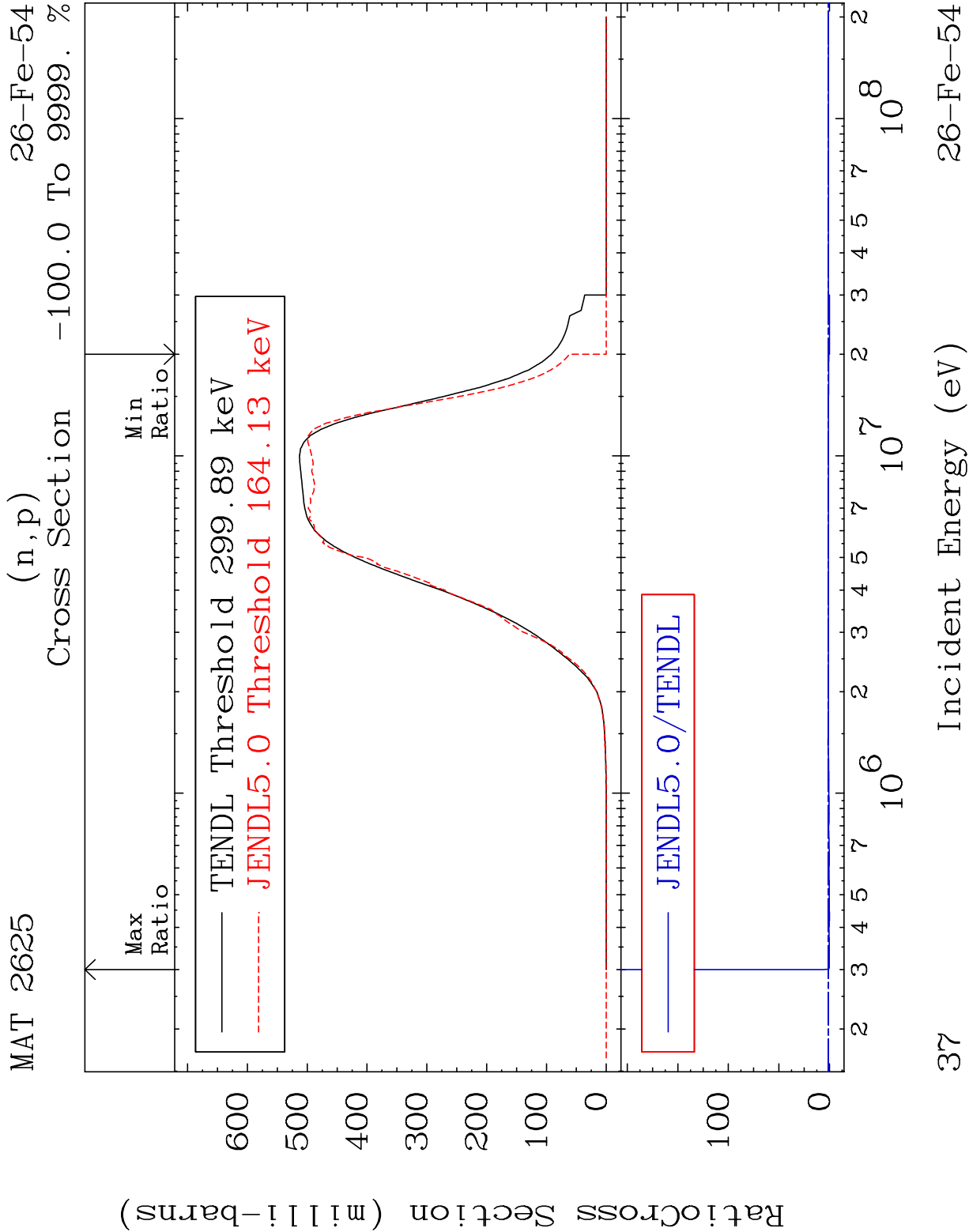
MAT 2625 MT= 75 (n,n') Level 26-Fe-54
Cross Section -100.0 To 26.85 %

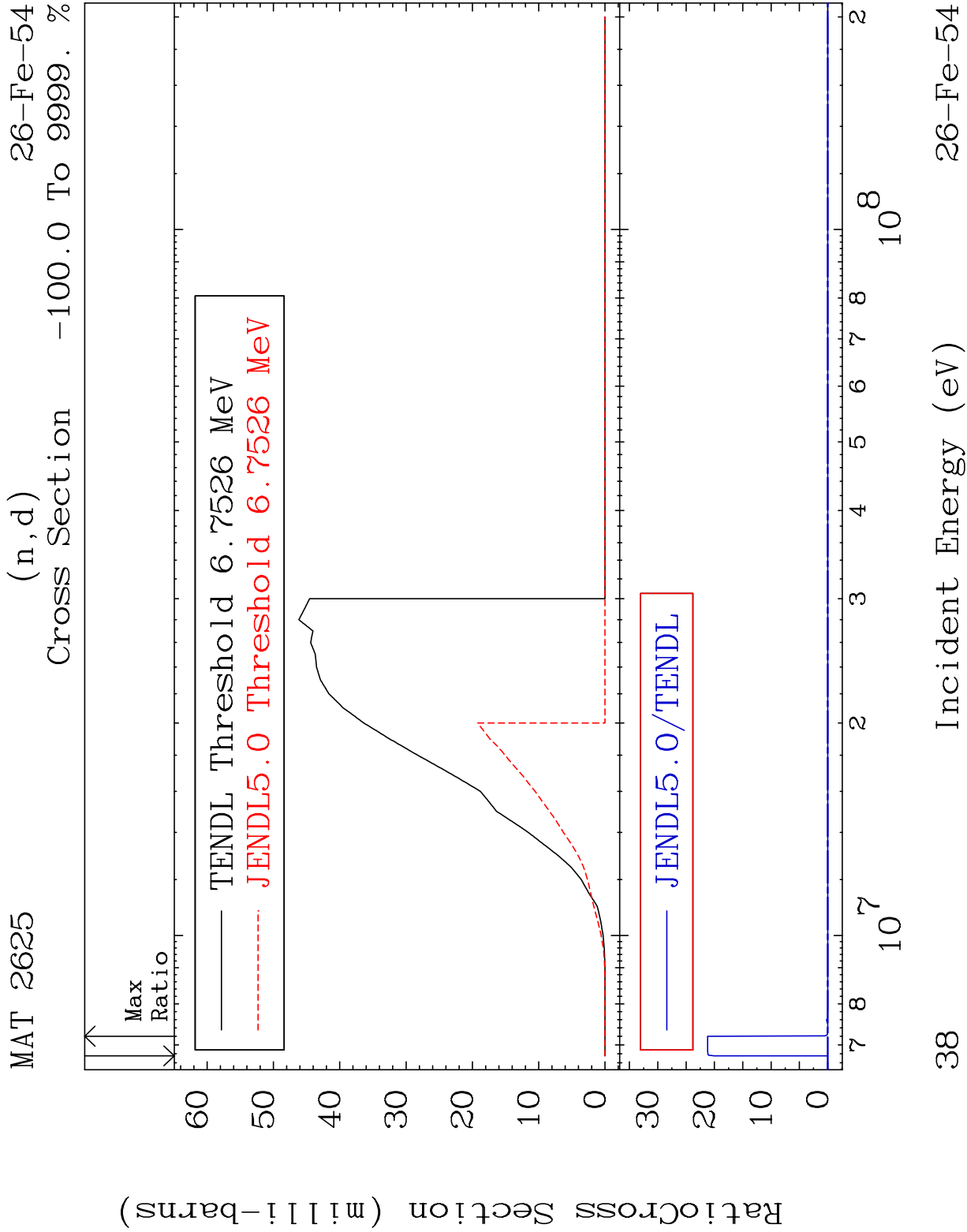


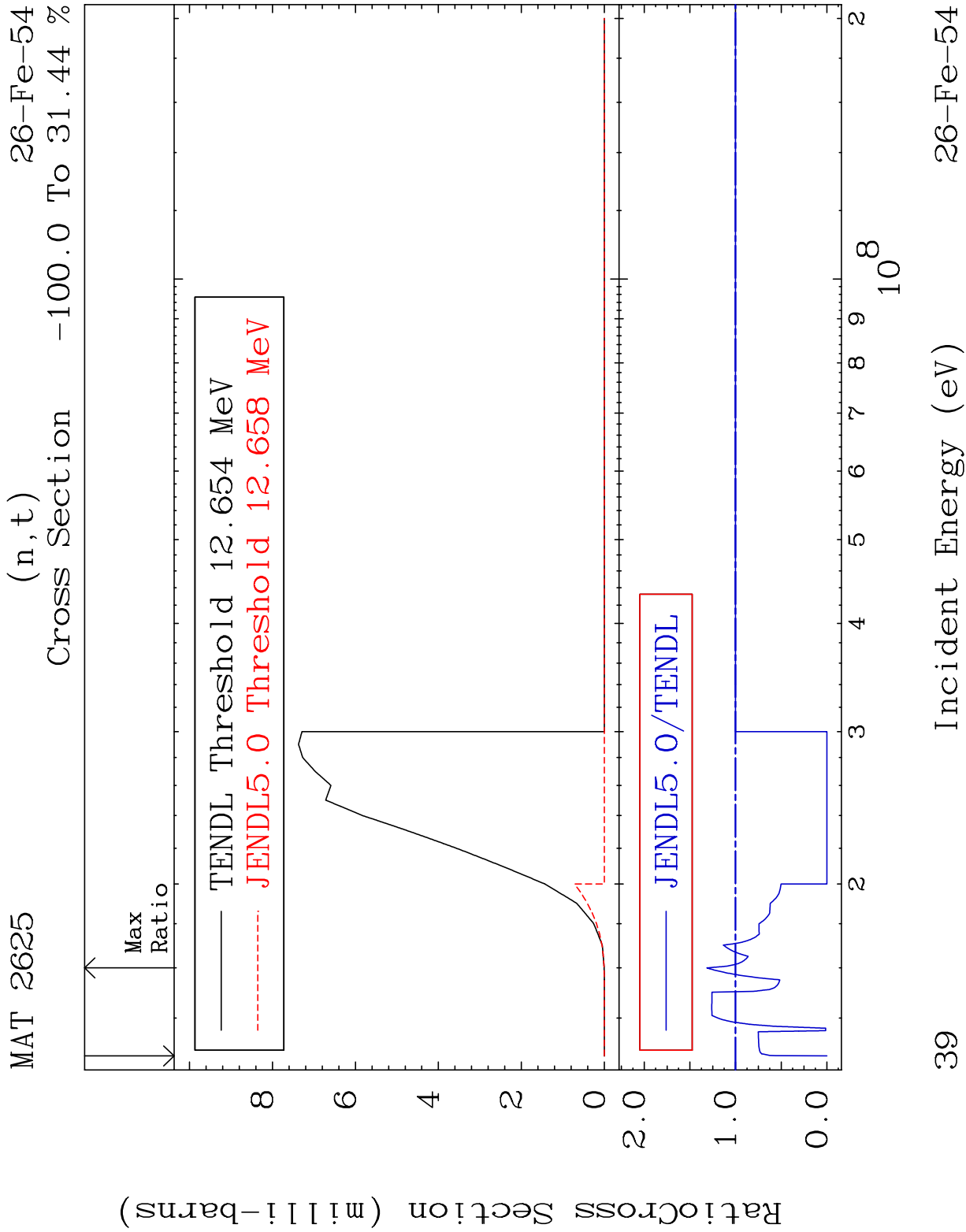


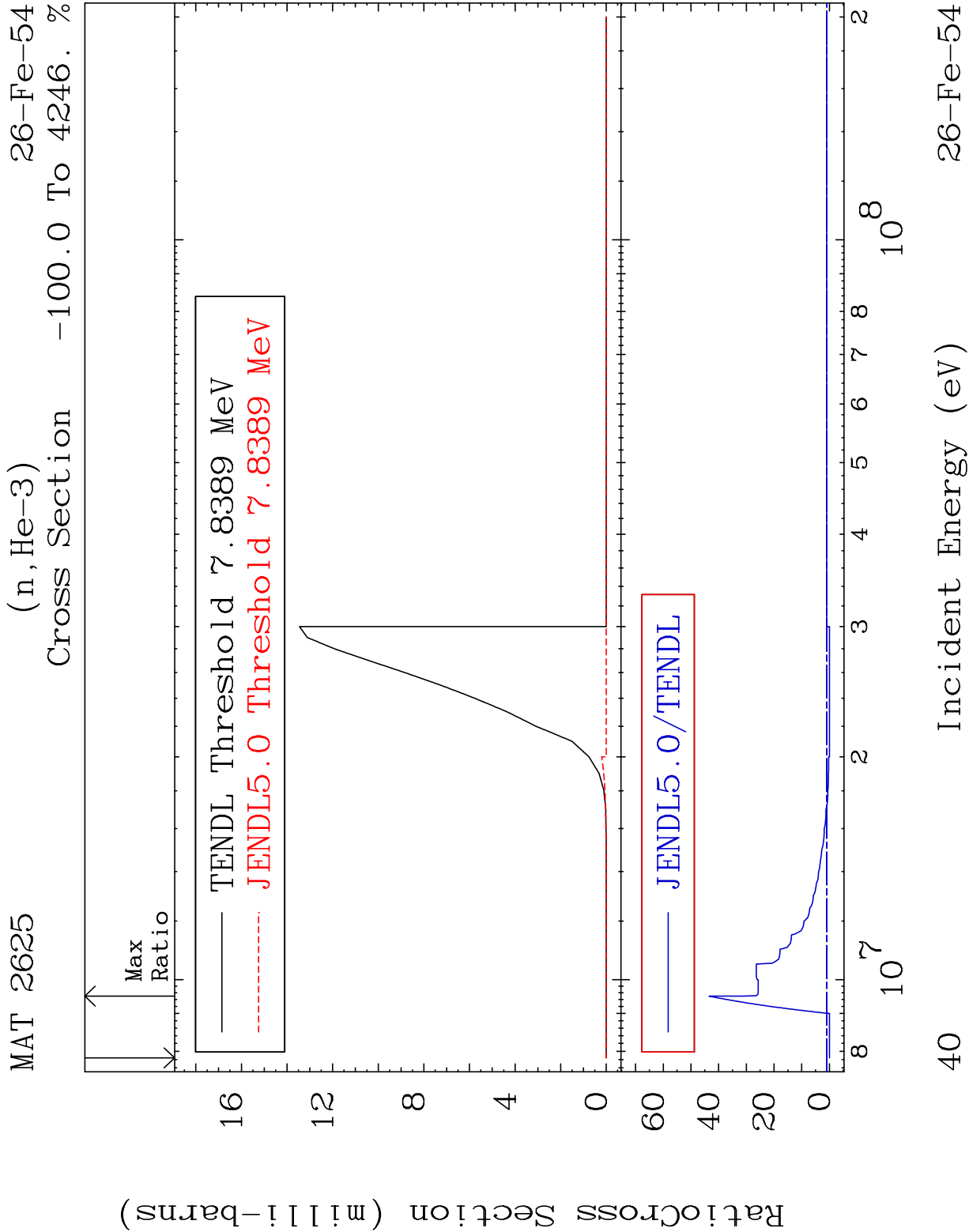


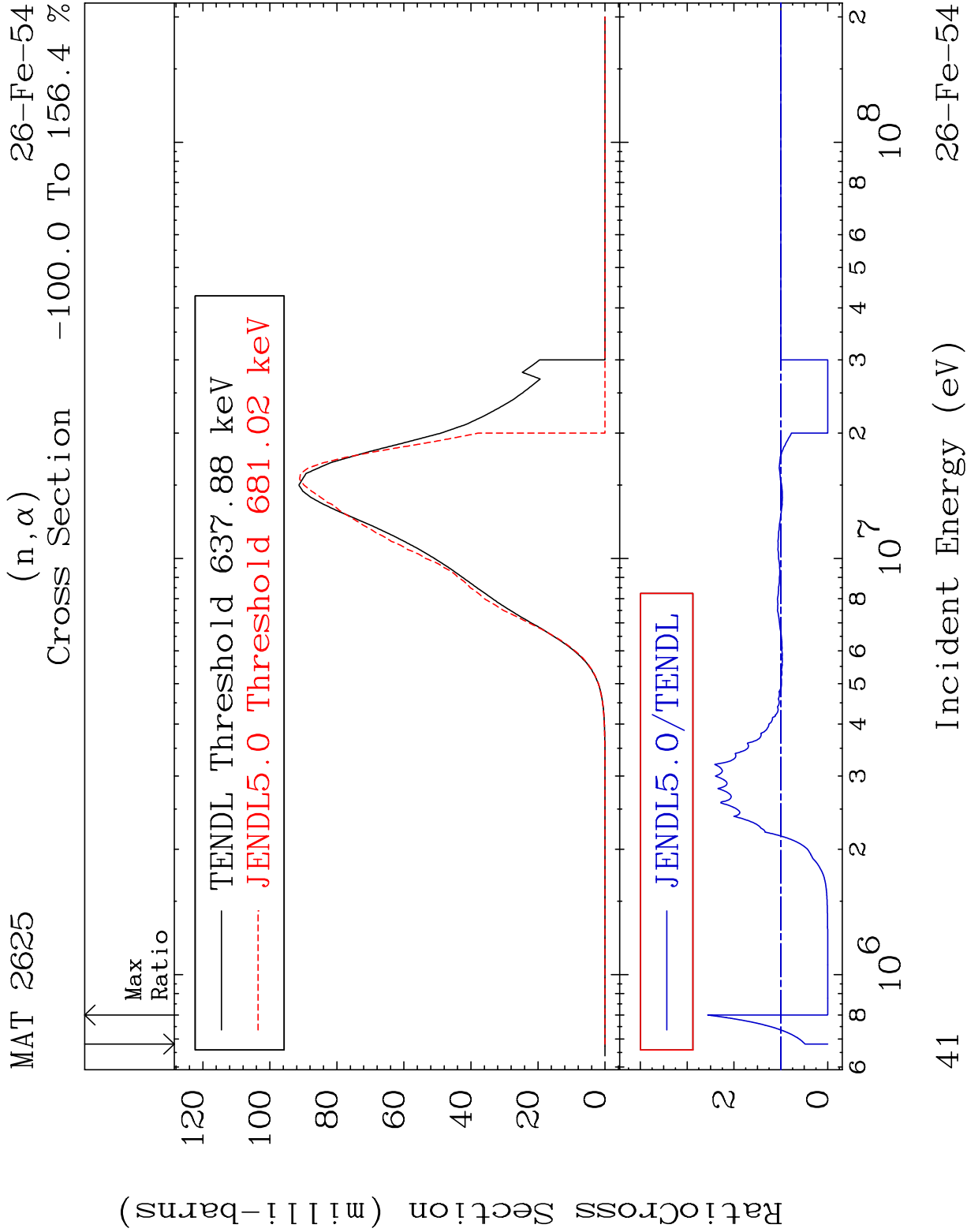


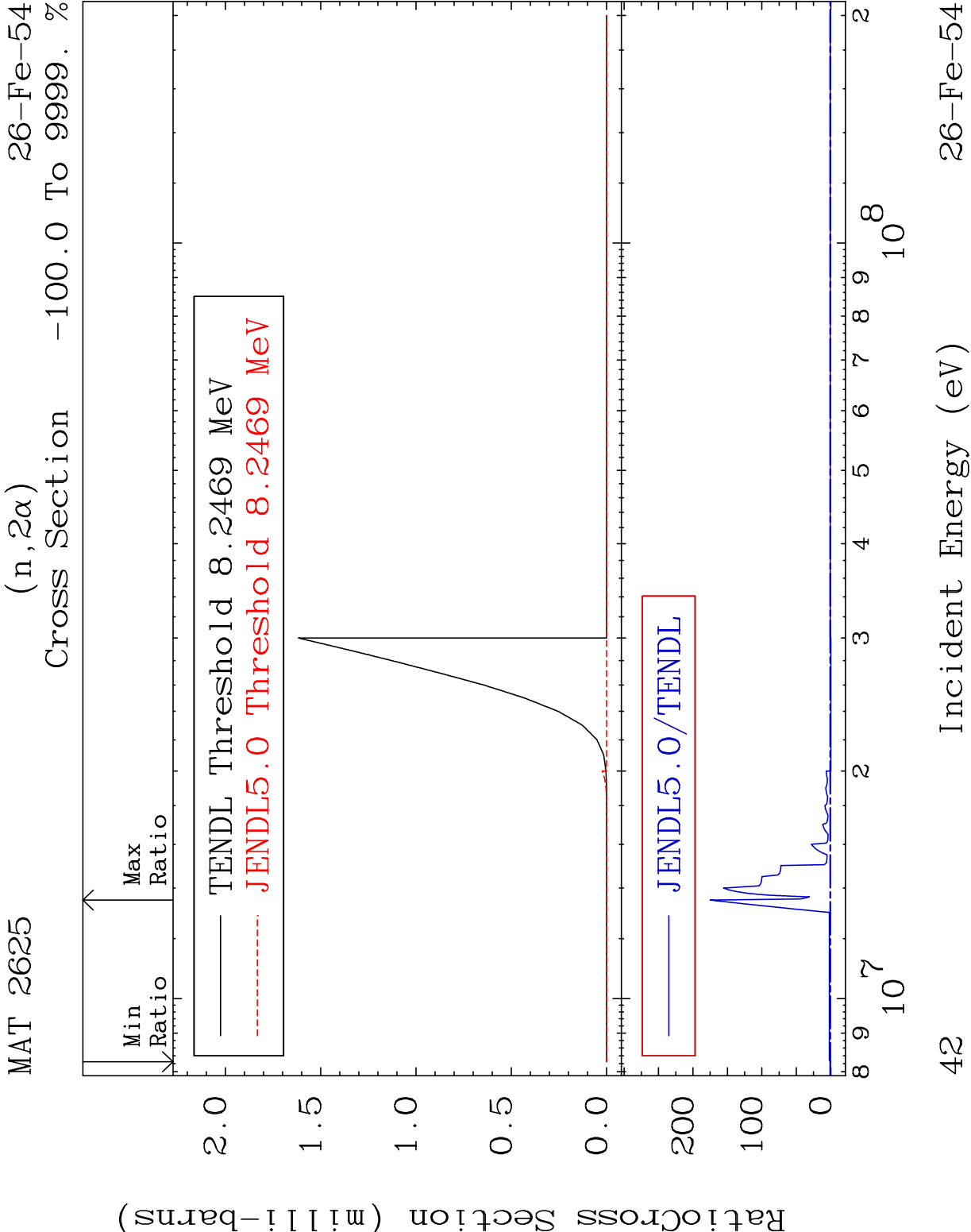


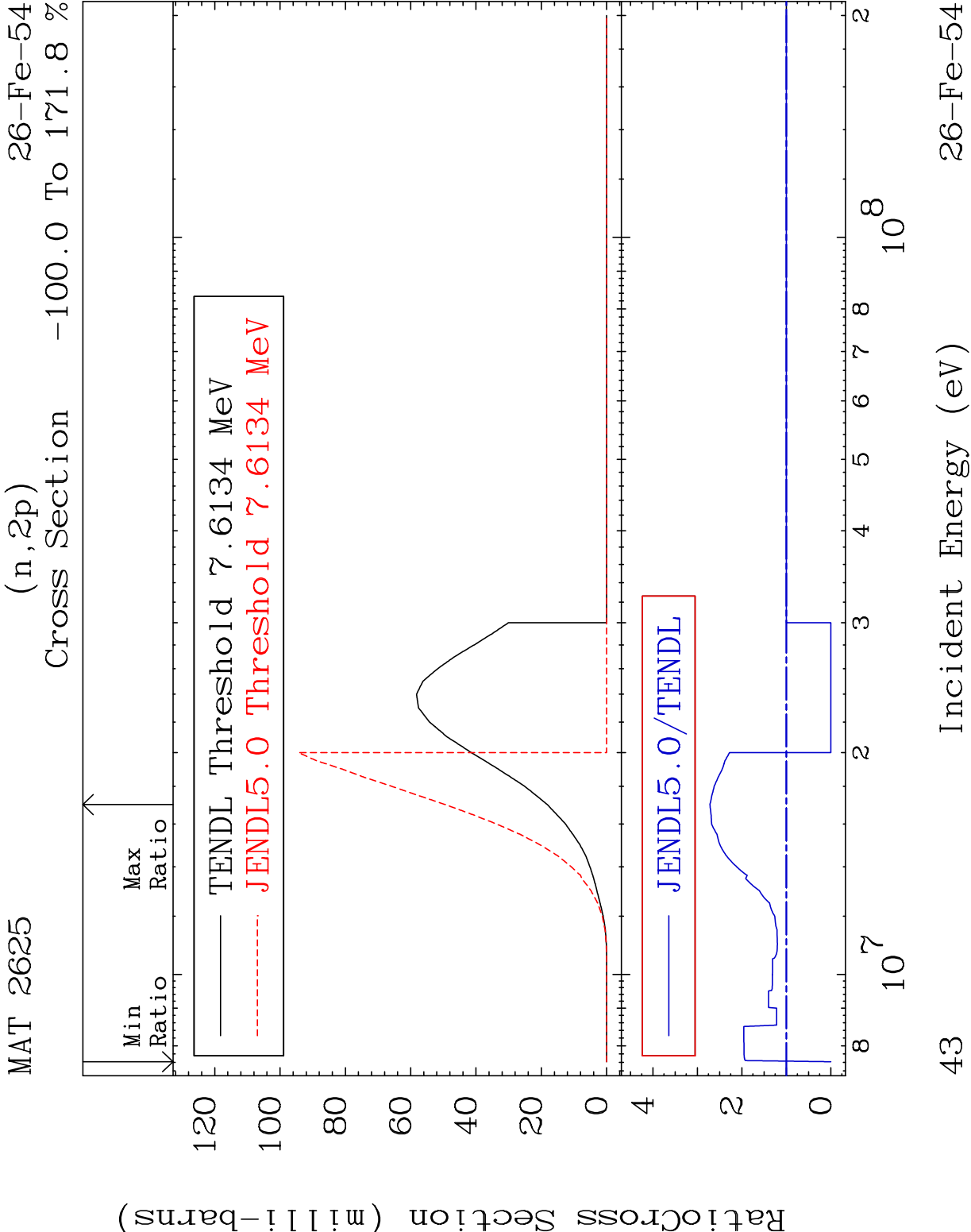


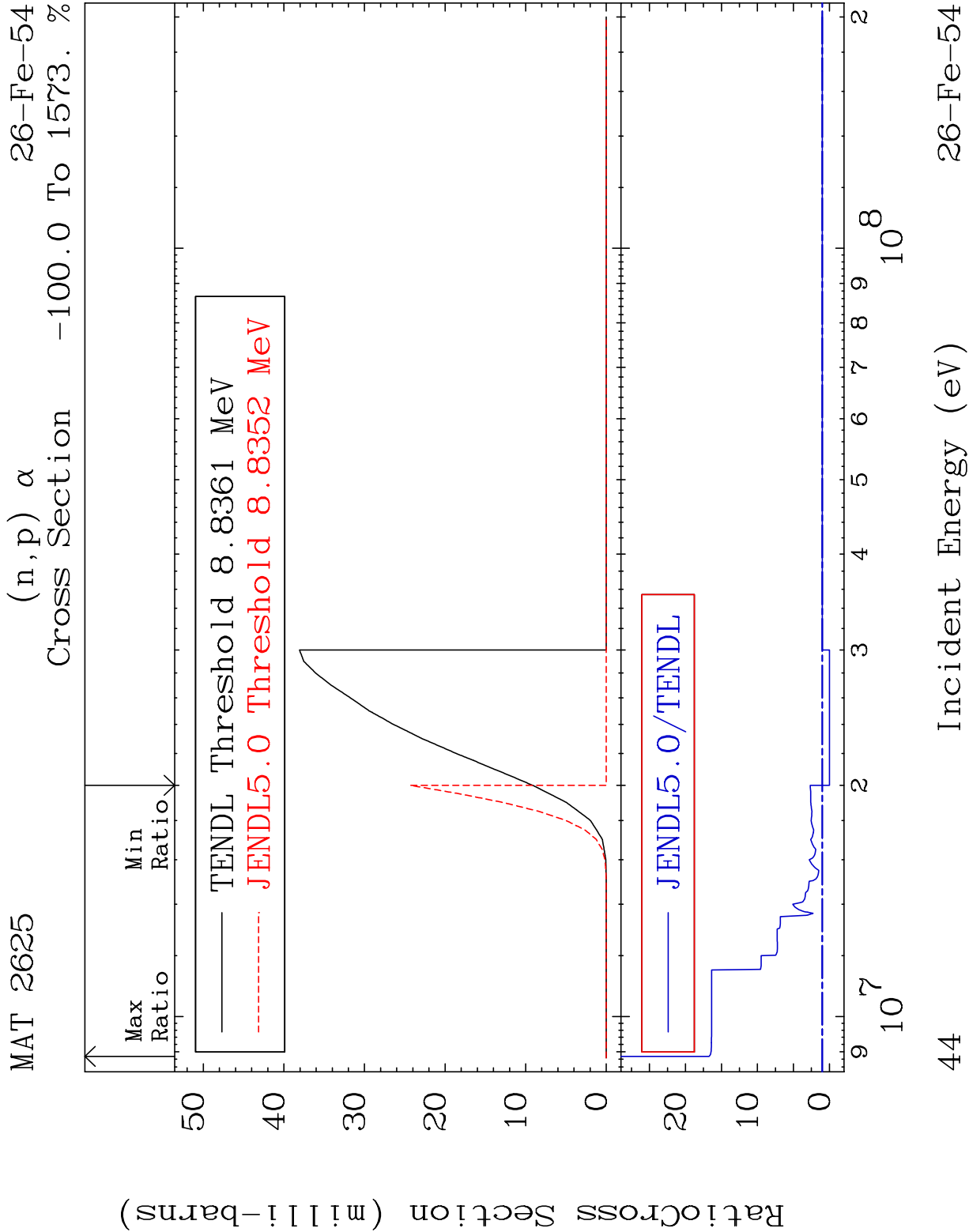


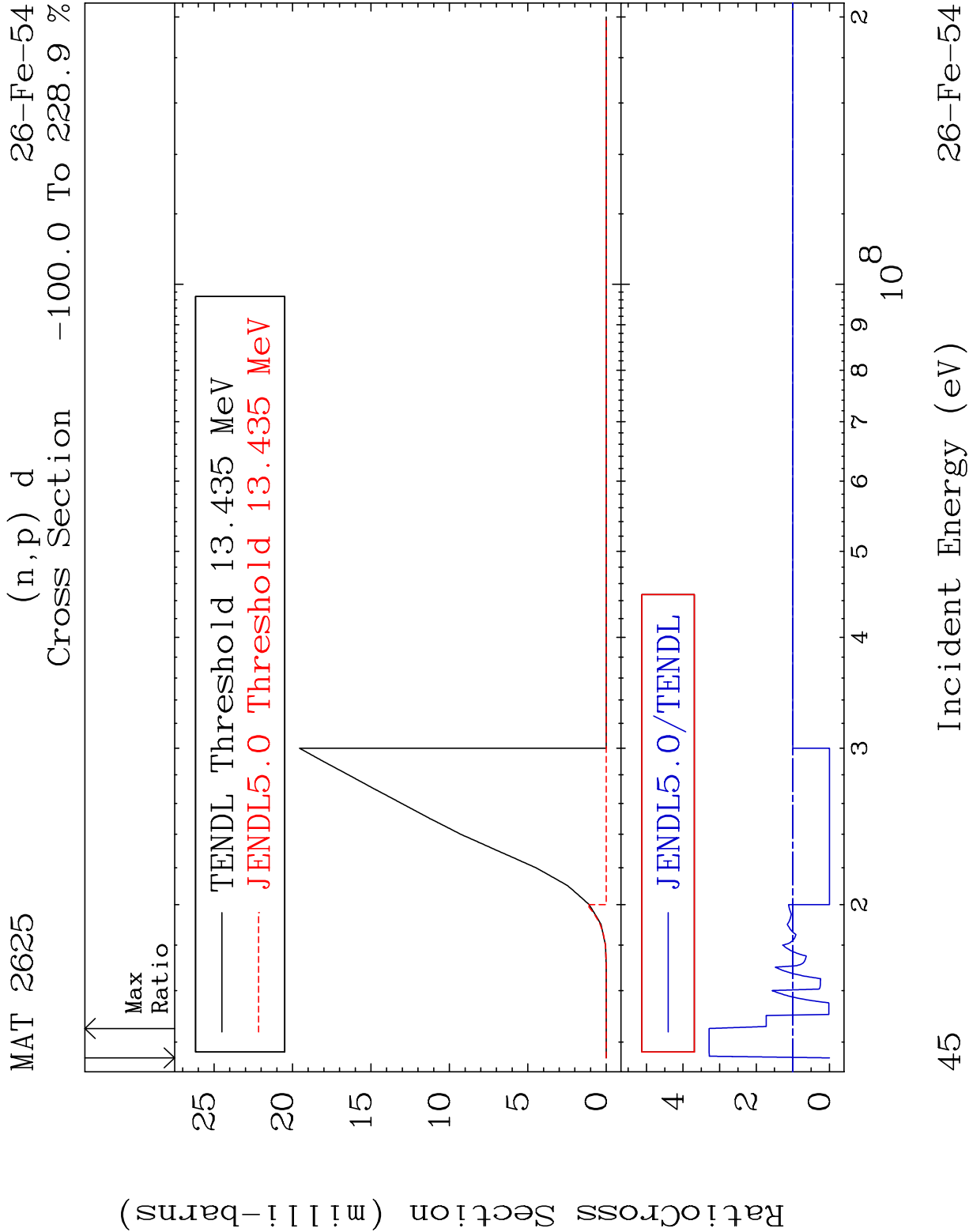


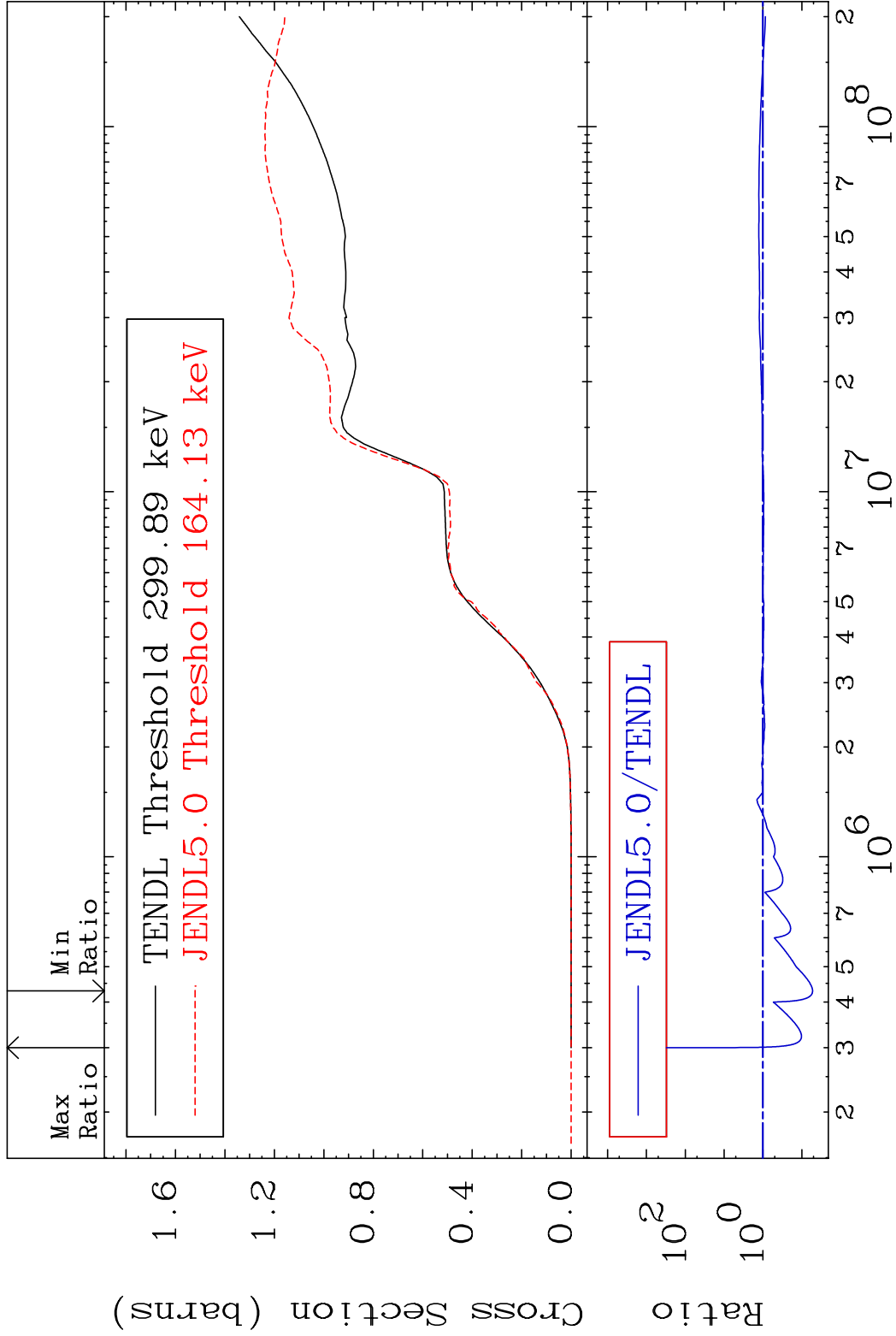


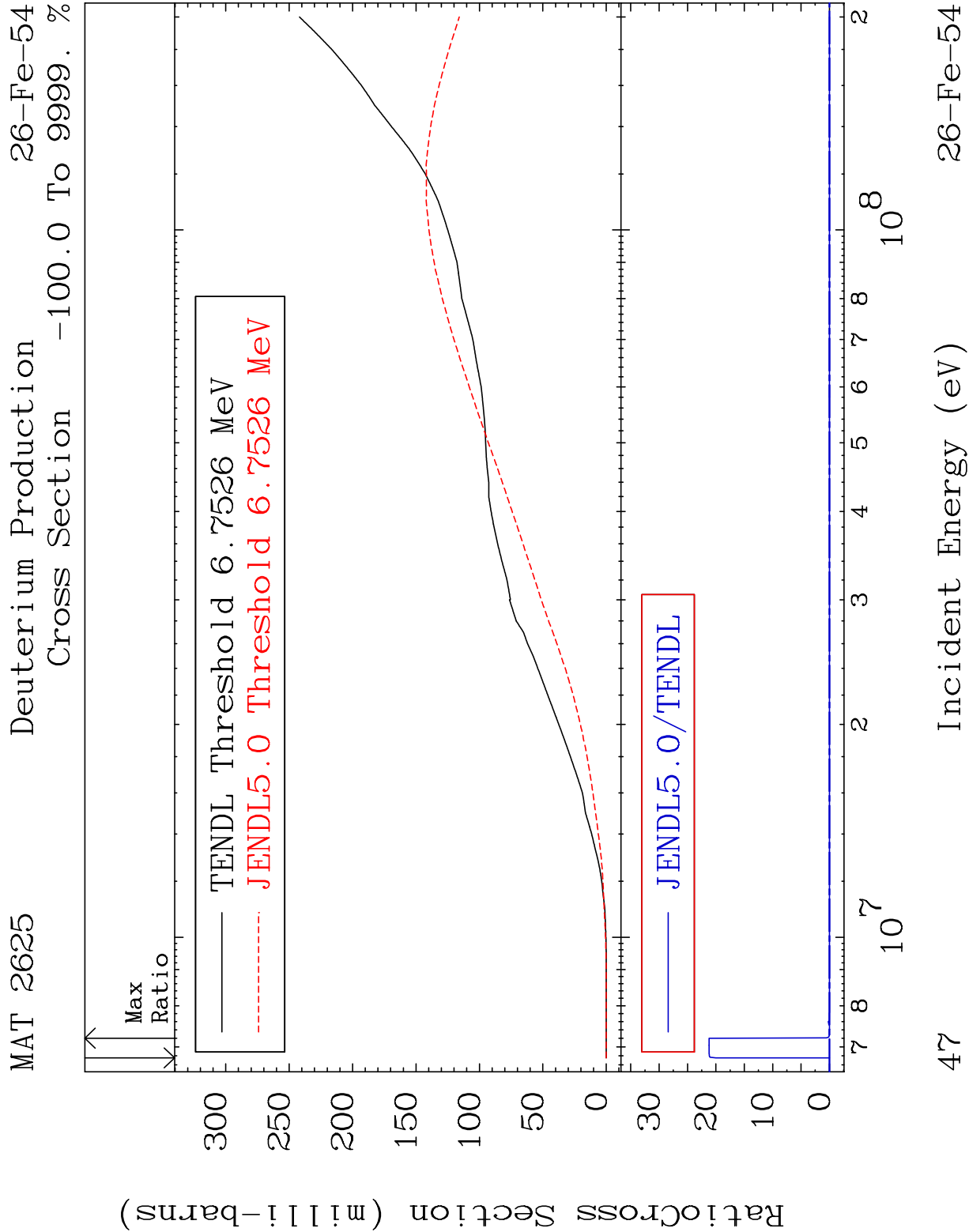


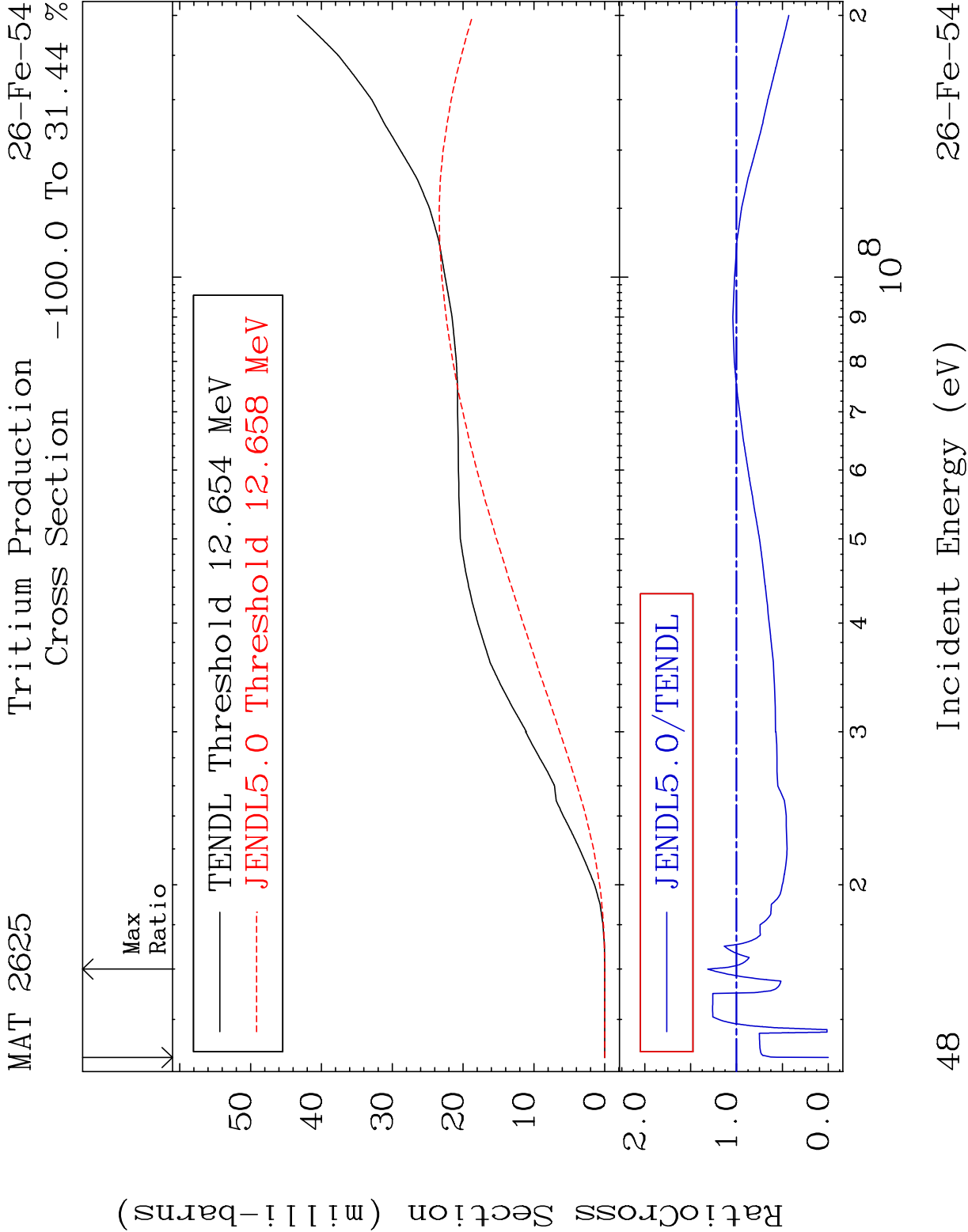


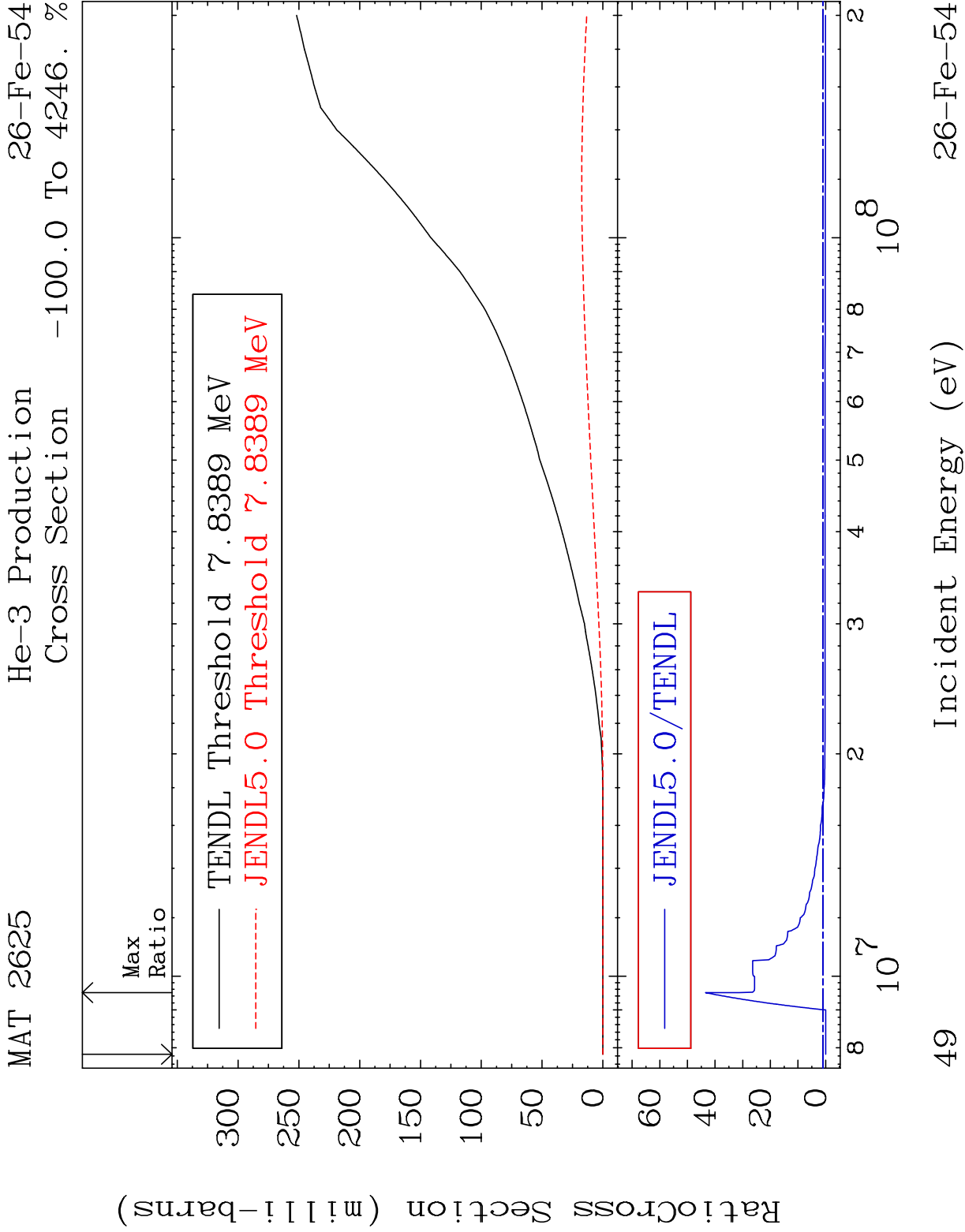


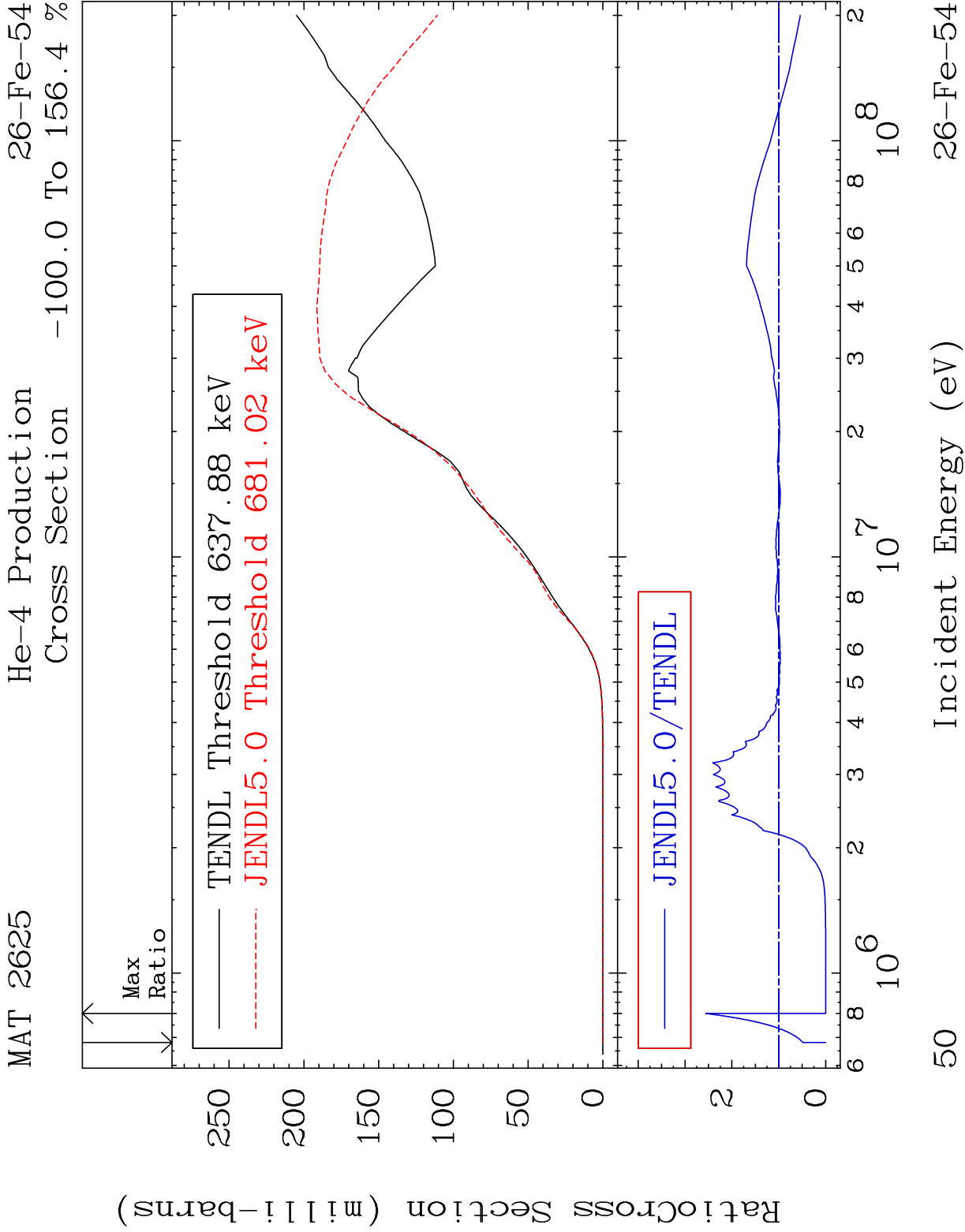


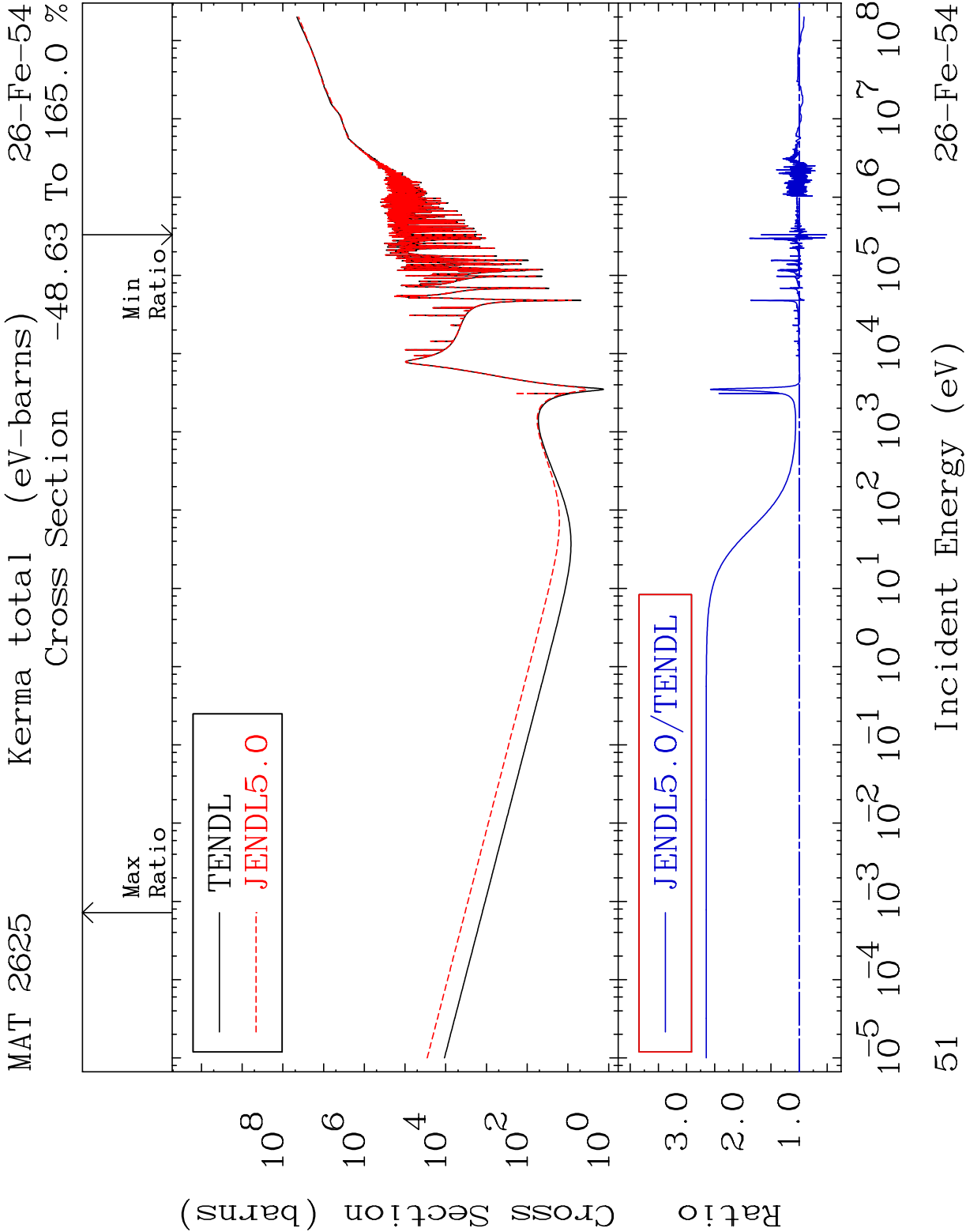


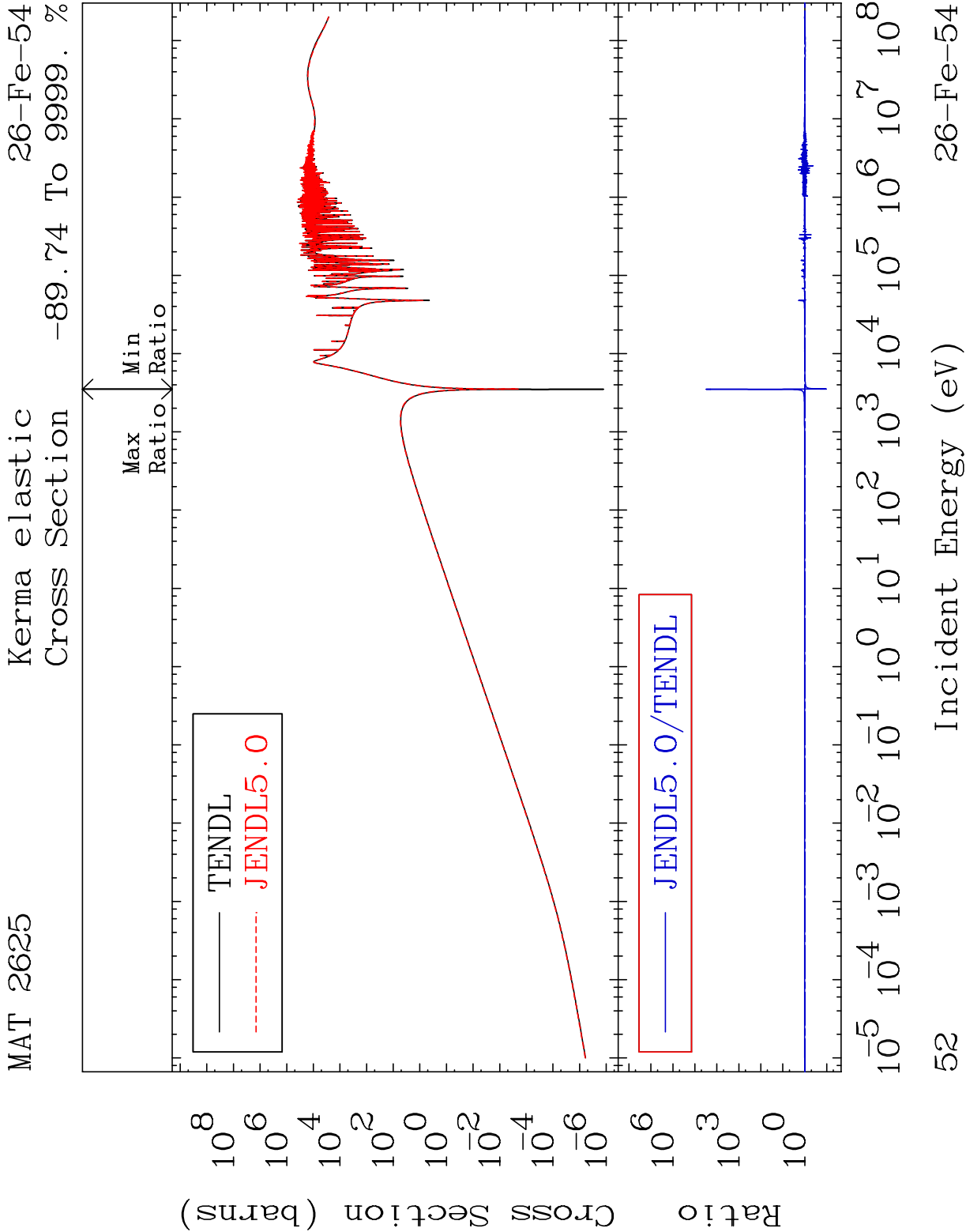




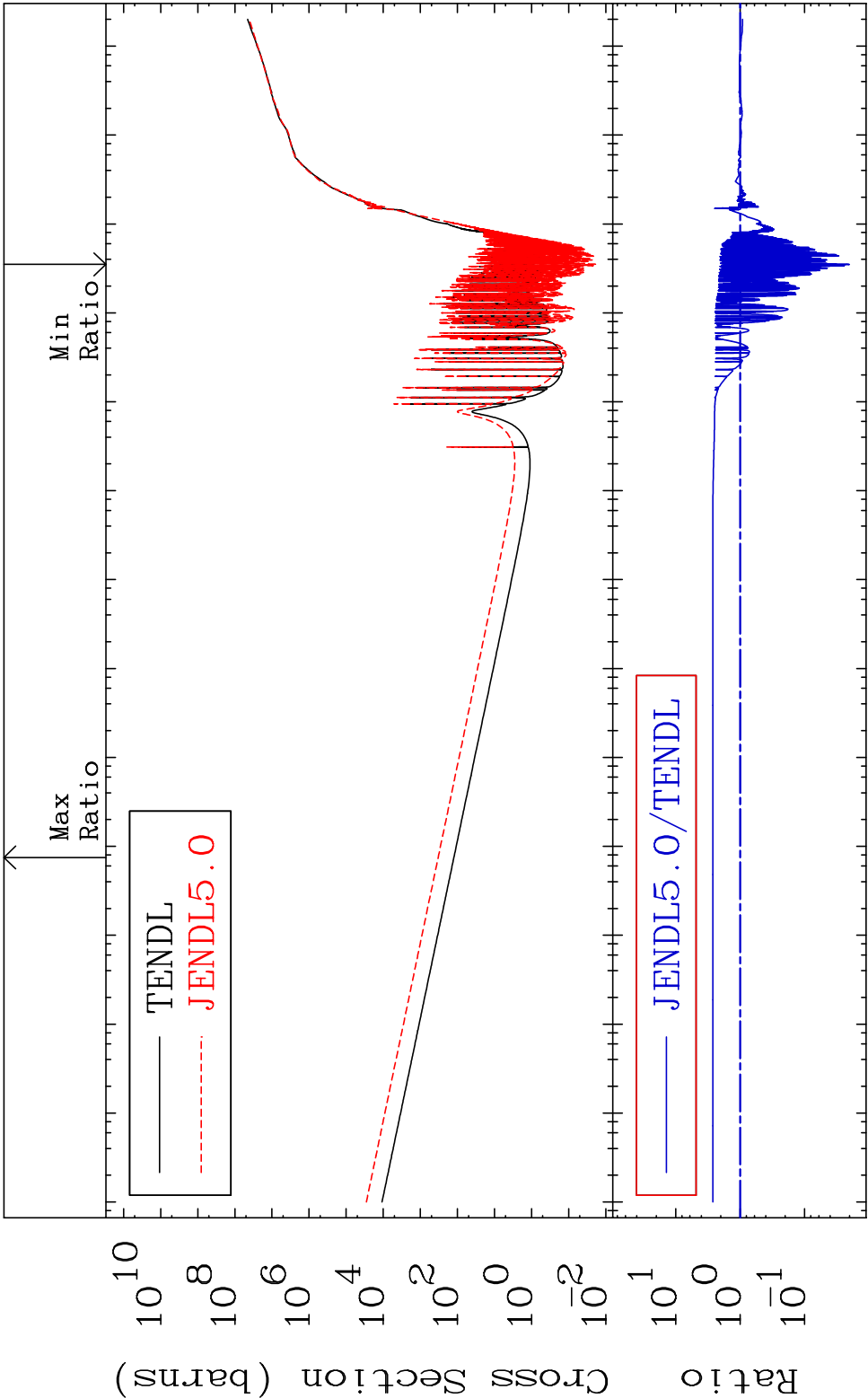




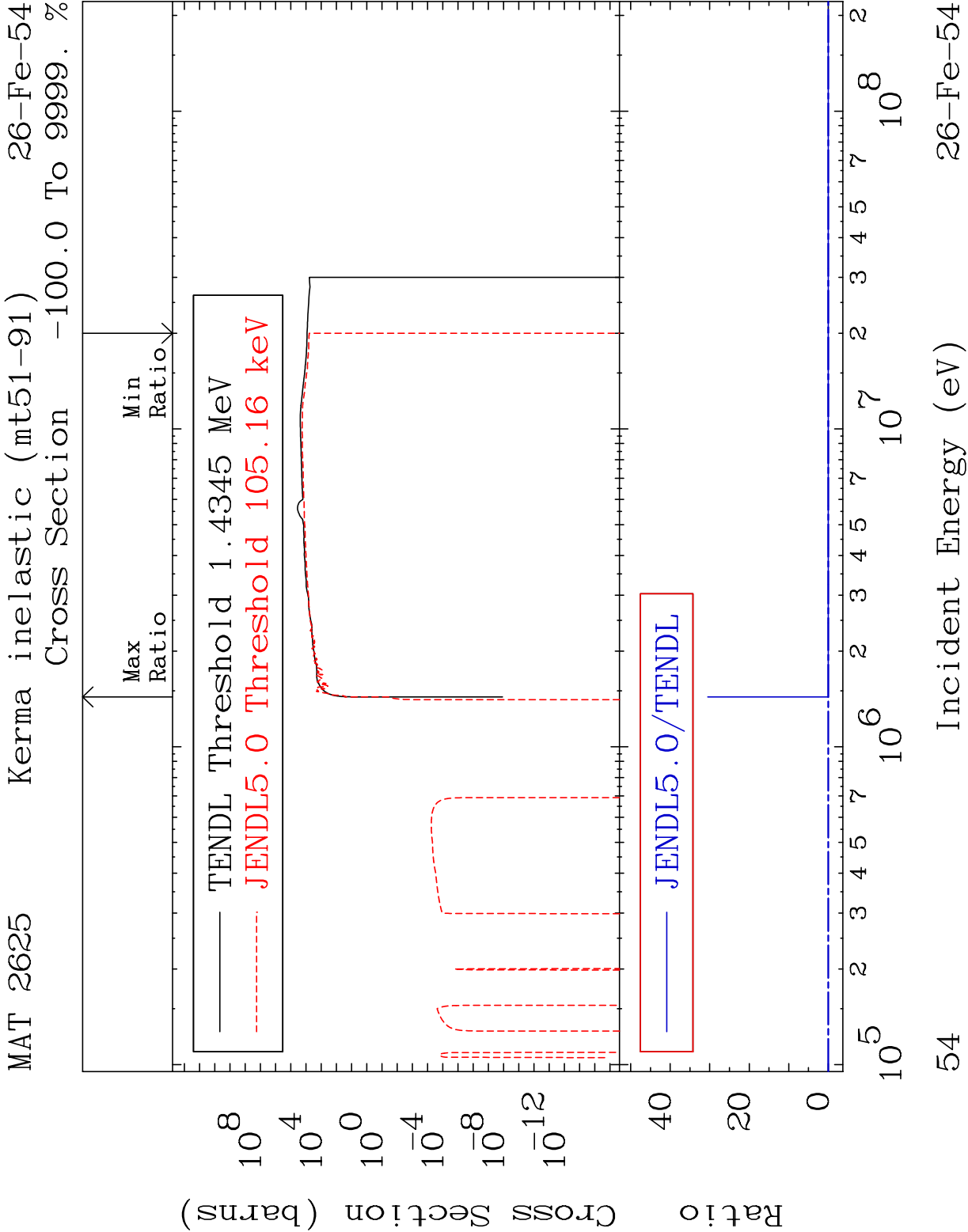




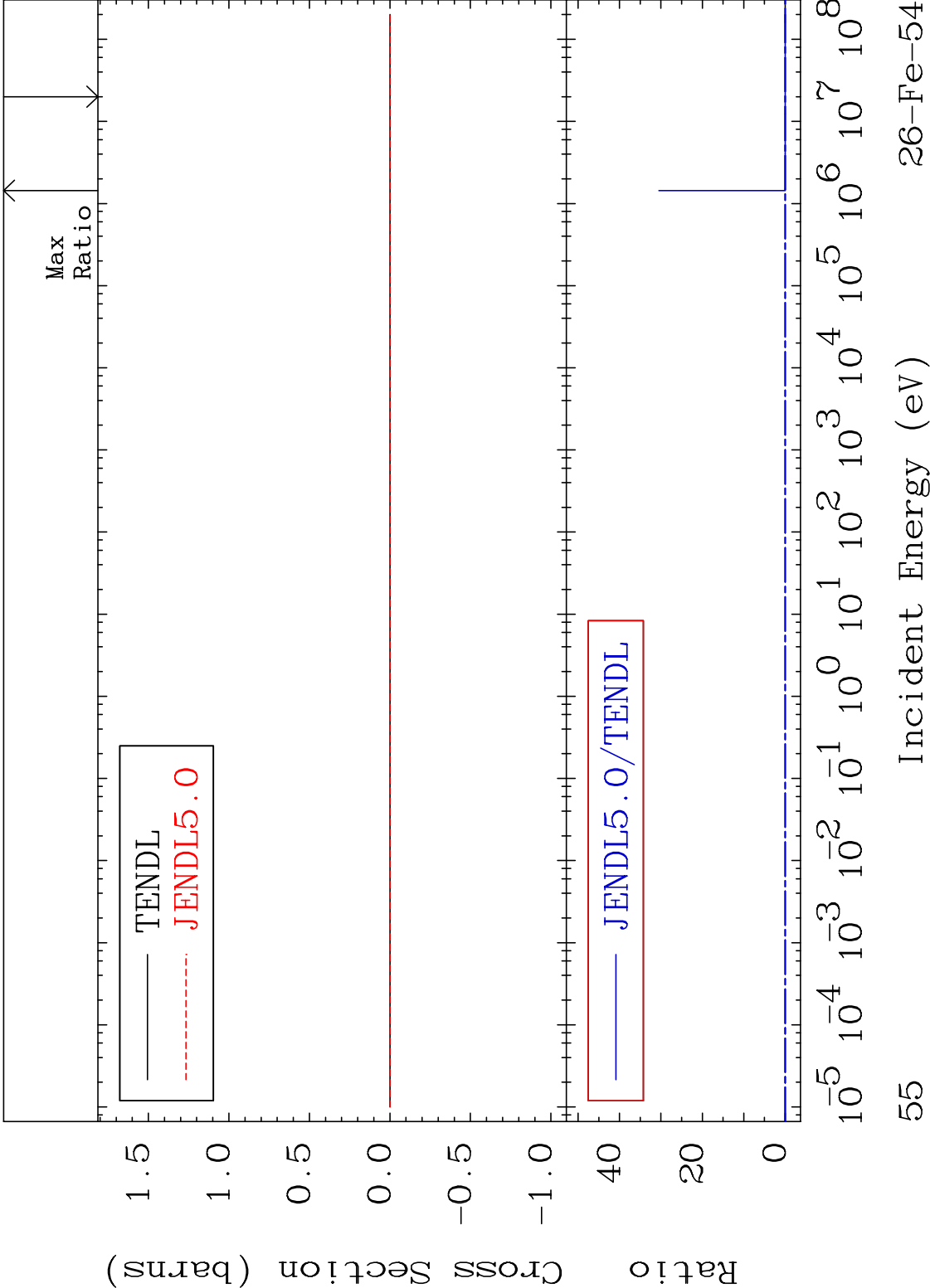
MAT 2625 Kerma non-elastic (all but mt2) 26-Fe-54
 Cross Section -97.99 To 165.0 %



53 Incident Energy (eV) 26-Fe-54



MAT 2625 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-54
Cross Section -100.0 To 9999. %

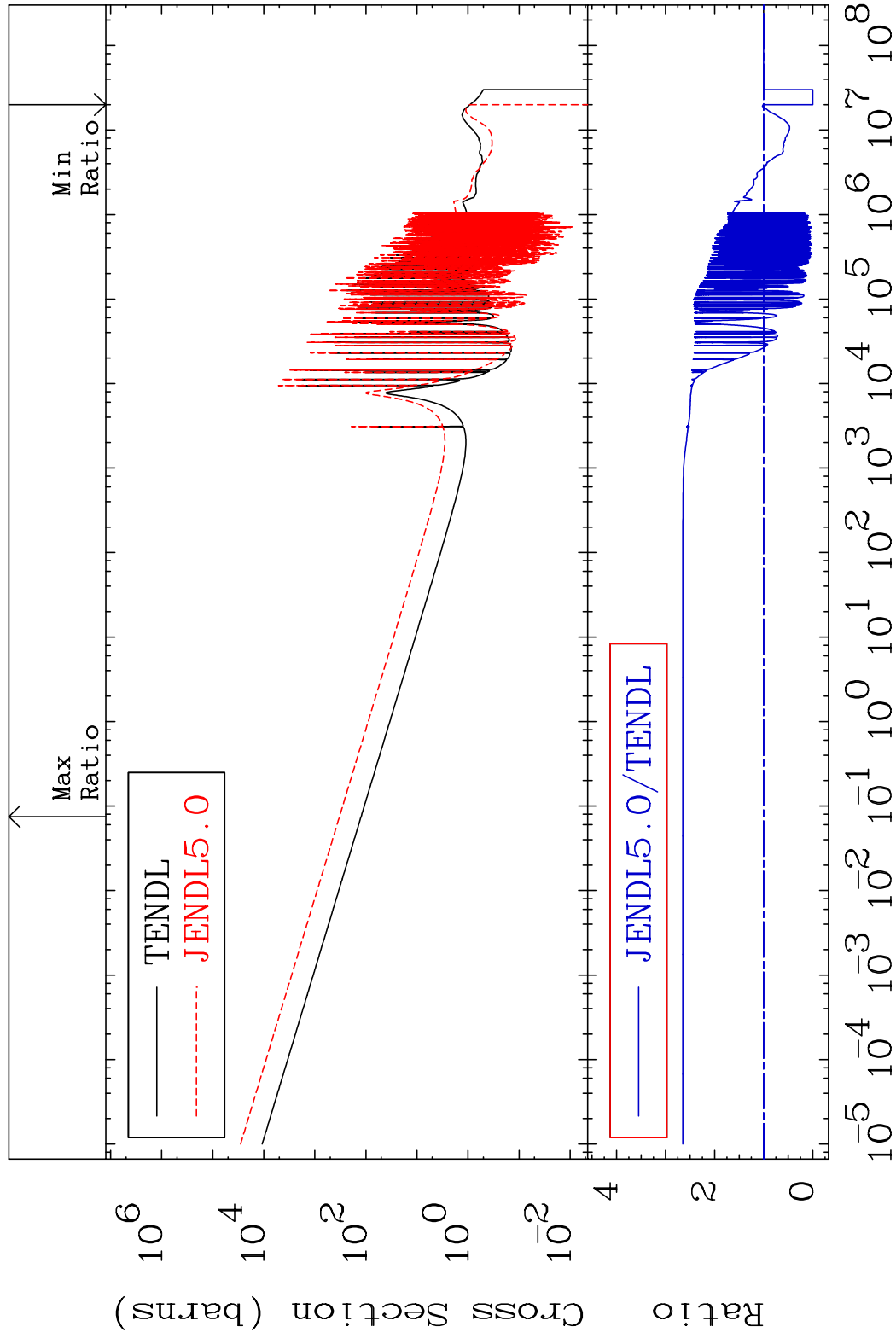


MAT 2625

Kerma capture (mt102)

26-Fe-54

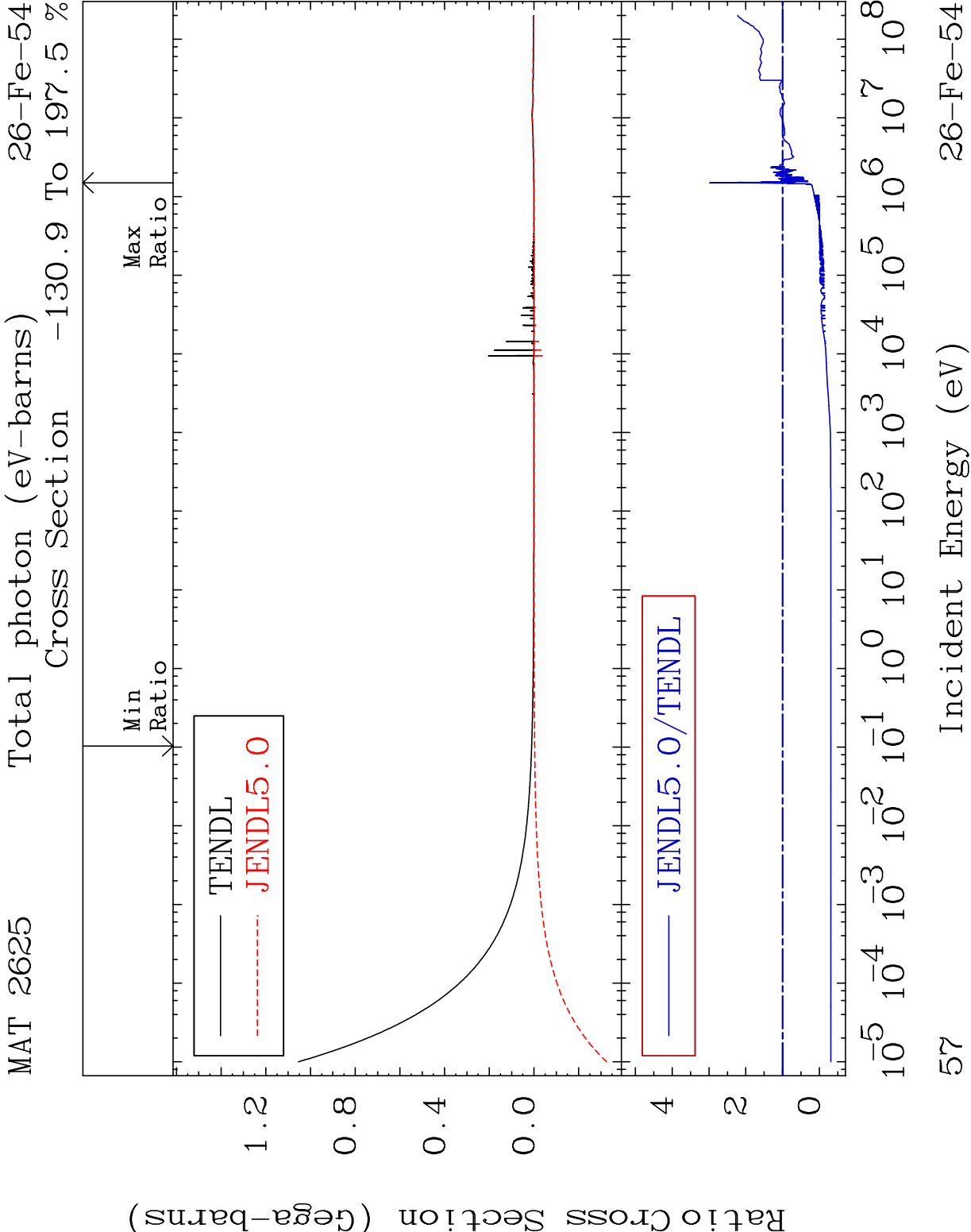
Cross Section



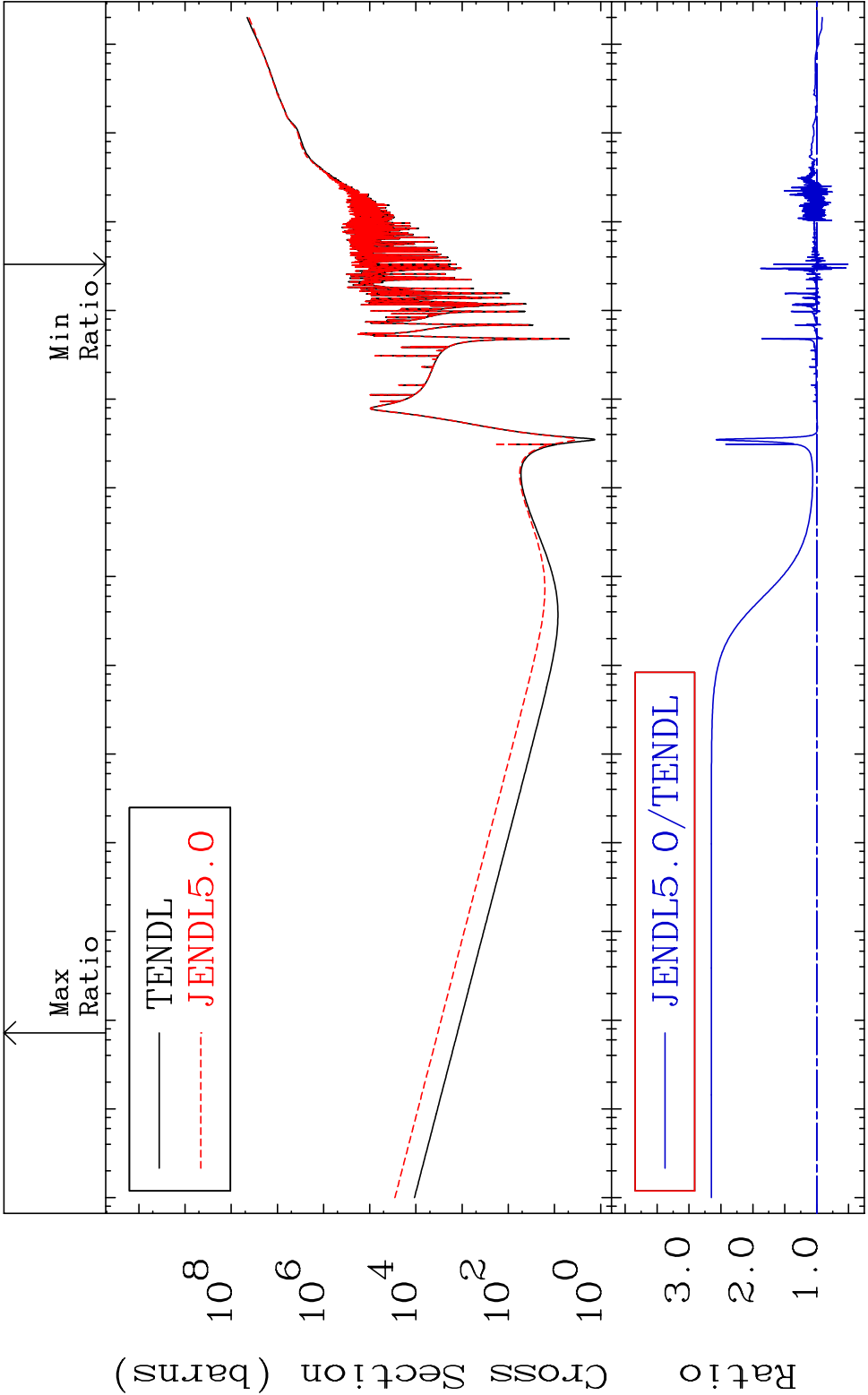
95

Incident Energy (eV)

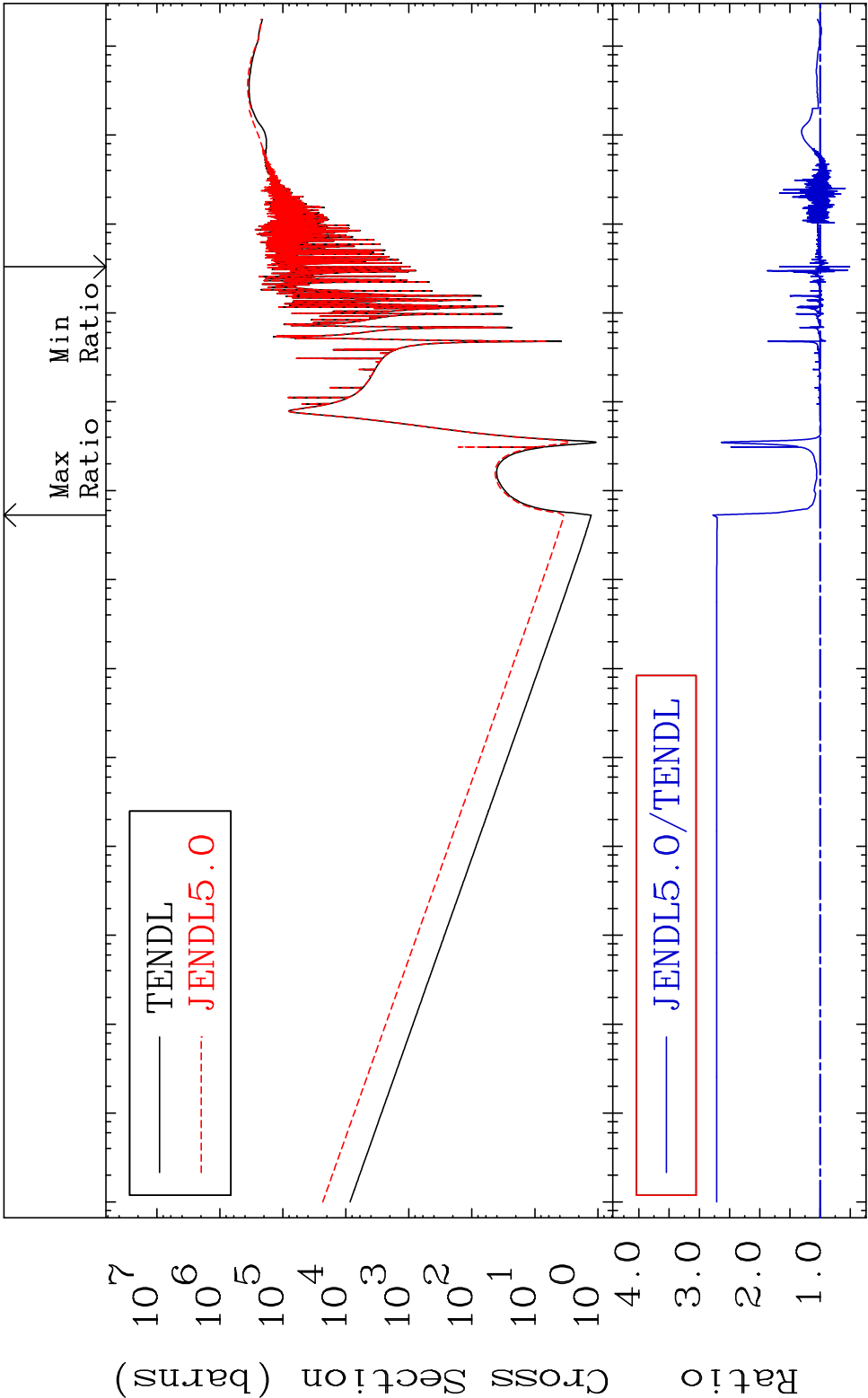
26-Fe-54



MAT 2625 Total kinematic kerma (high limit) 26-Fe-54
Cross Section -48.63 To 165.0 %



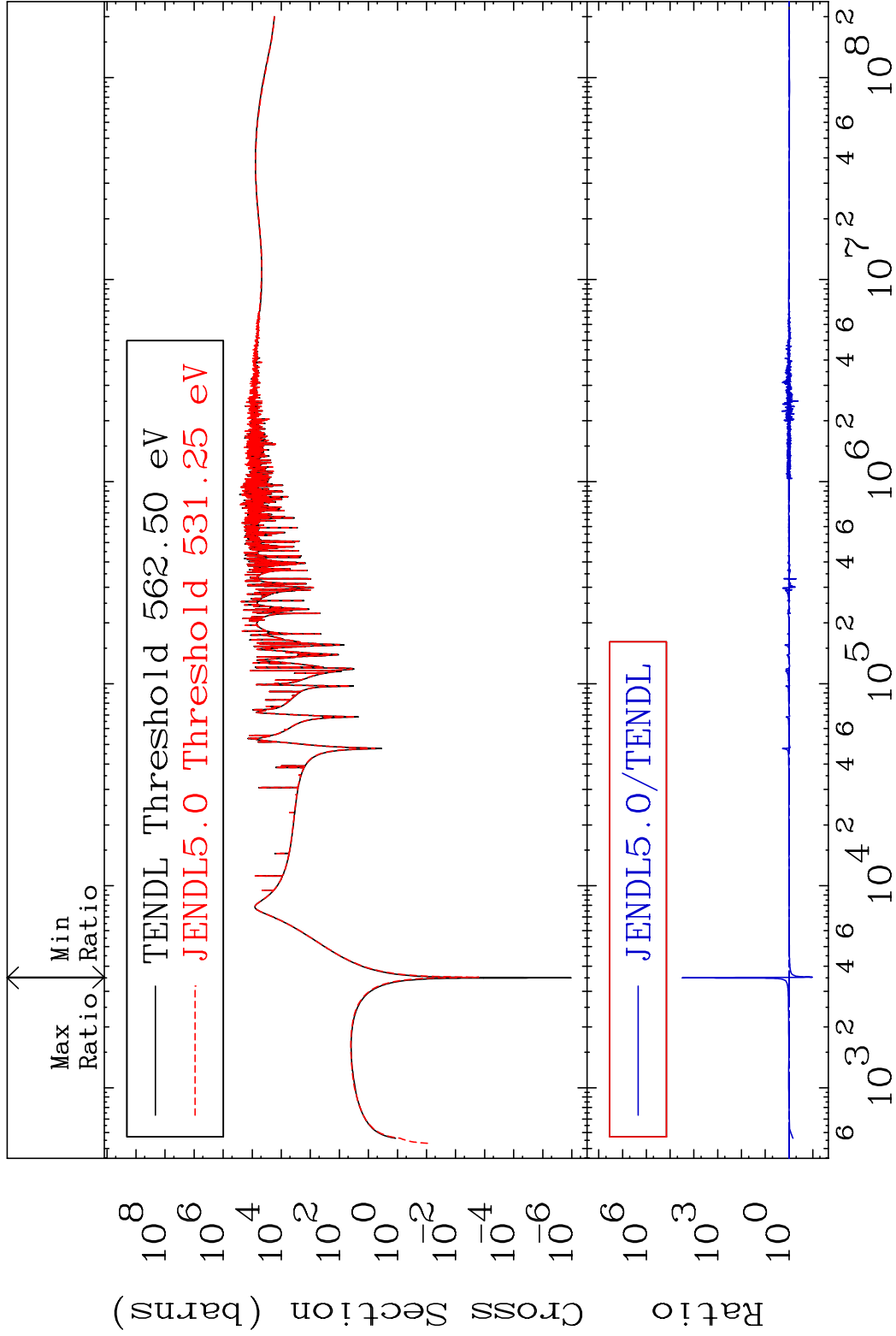
MAT 2625 Dpa total (eV-barns) 26-Fe-54
Cross Section -48.66 To 177.7 %



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

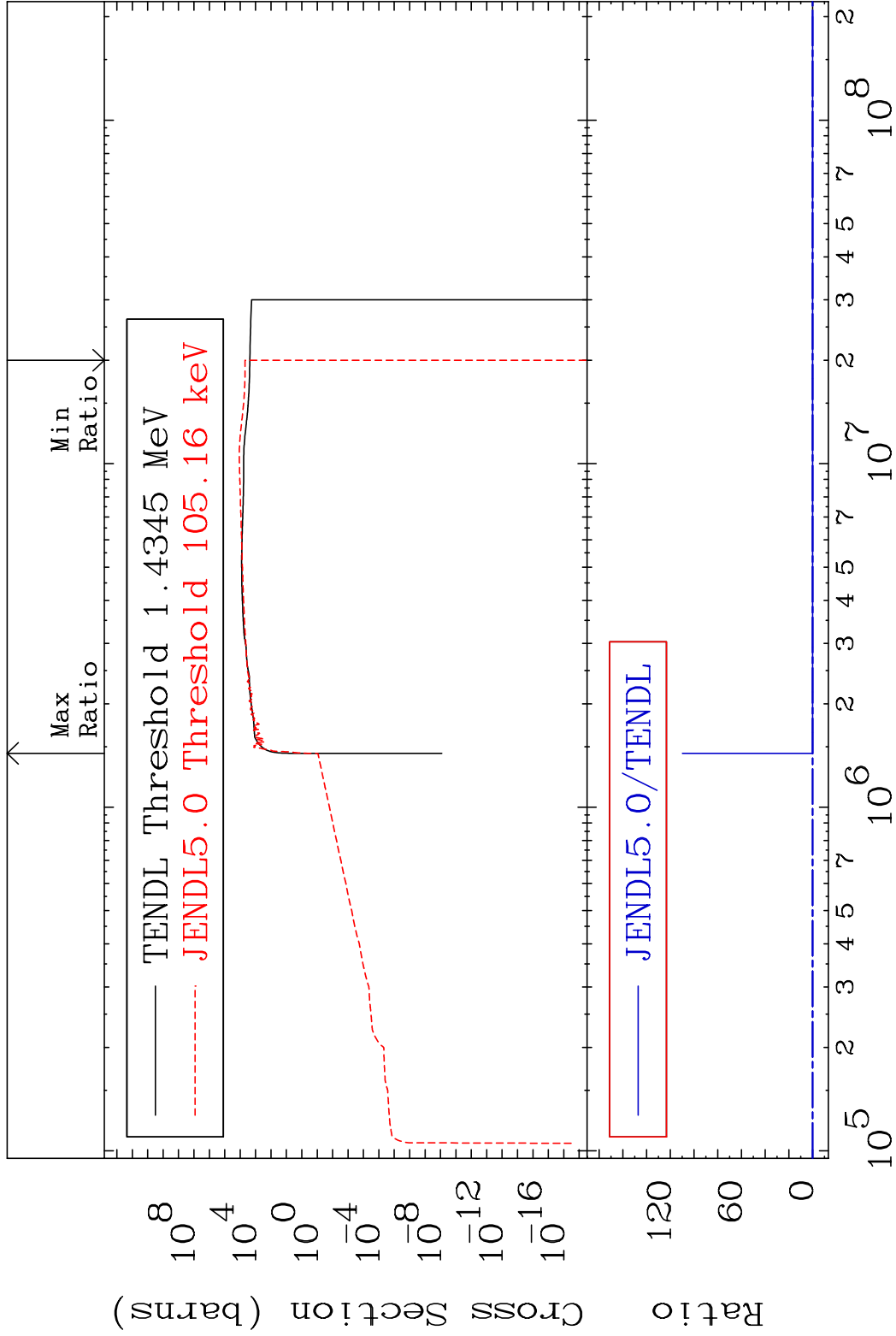
59 Incident Energy (eV) 26-Fe-54

MAT 2625 Dpa elastic (mt2) 26-Fe-54
Cross Section -89.71 To 9999. %

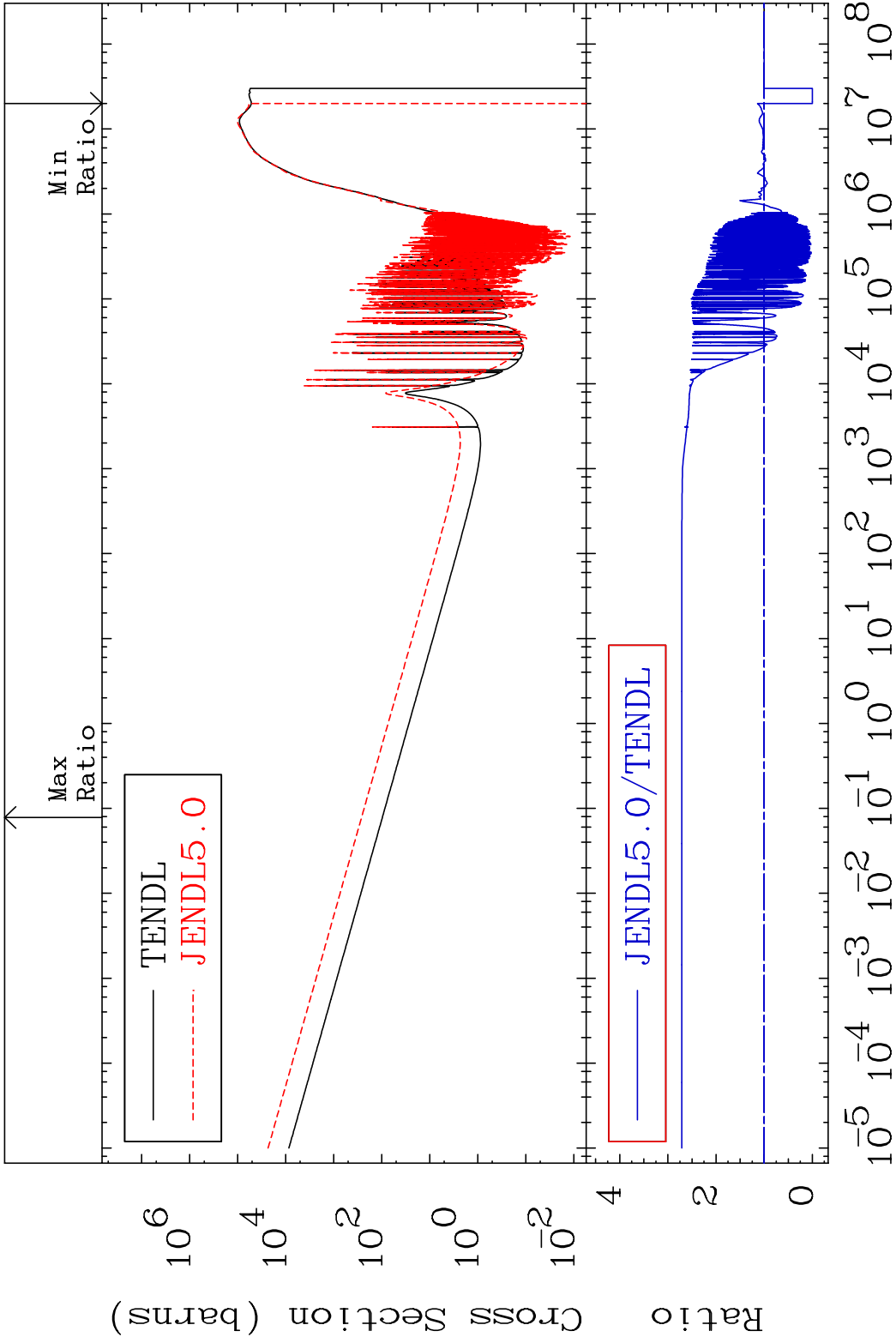


60 Incident Energy (eV) 26-Fe-54

Cross Section -100.0 To 9999. %



MAT 2625 Dpa disappearance (mt102 -120) 26-Fe-54
Cross Section -100.0 To 171.2 %



62 Incident Energy (eV) 26-Fe-54

