

Program Complot
(Version 2021-1)

by

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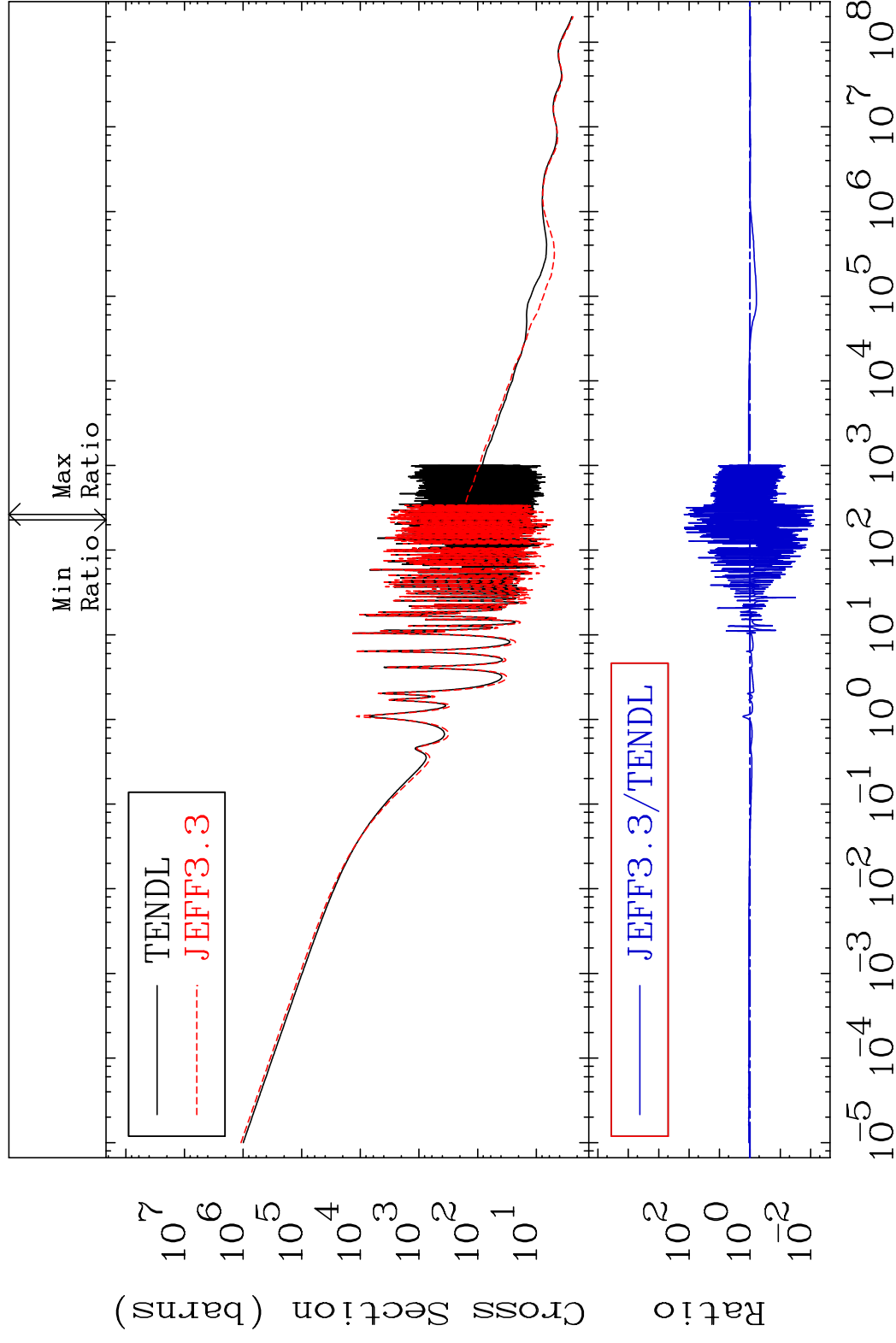
Press Mouse Button to Start

MAT 6246

Total

62-Sm-151

Cross Section -99.24 To 9999. %



1

Incident Energy (eV)

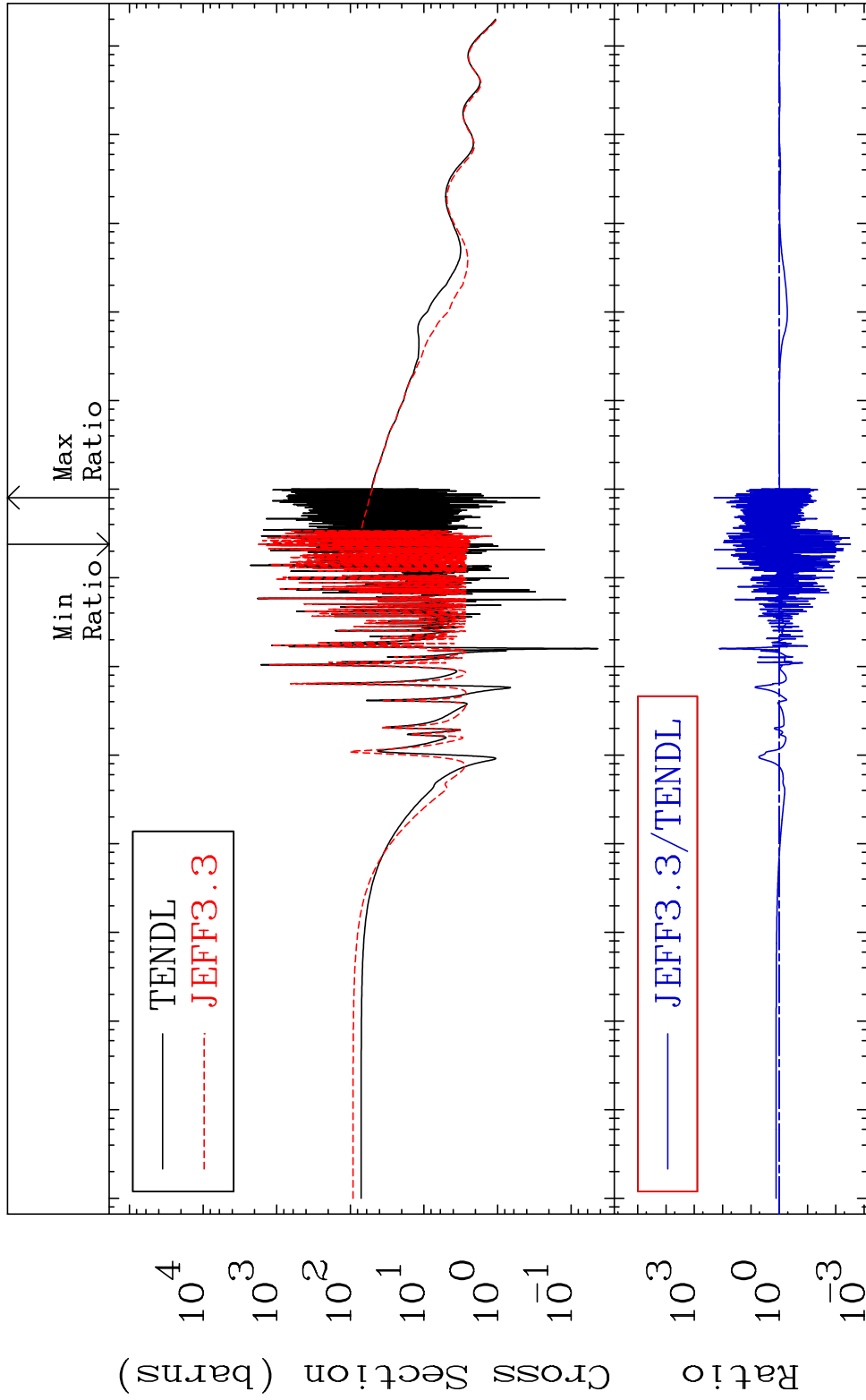
62-Sm-151

MAT 6246

Elastic

62-Sm-151

Cross Section -99.69 To 9999. %

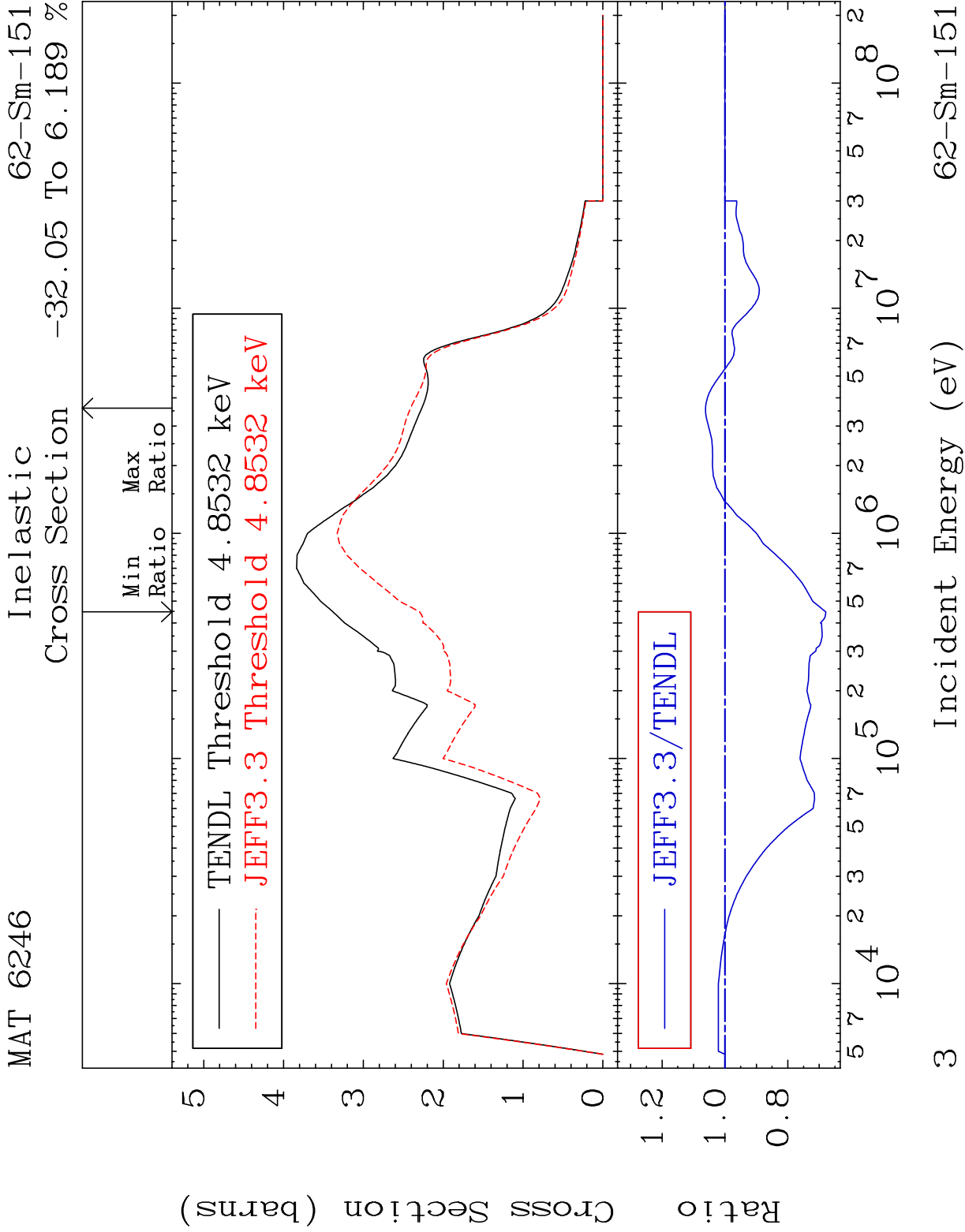


10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

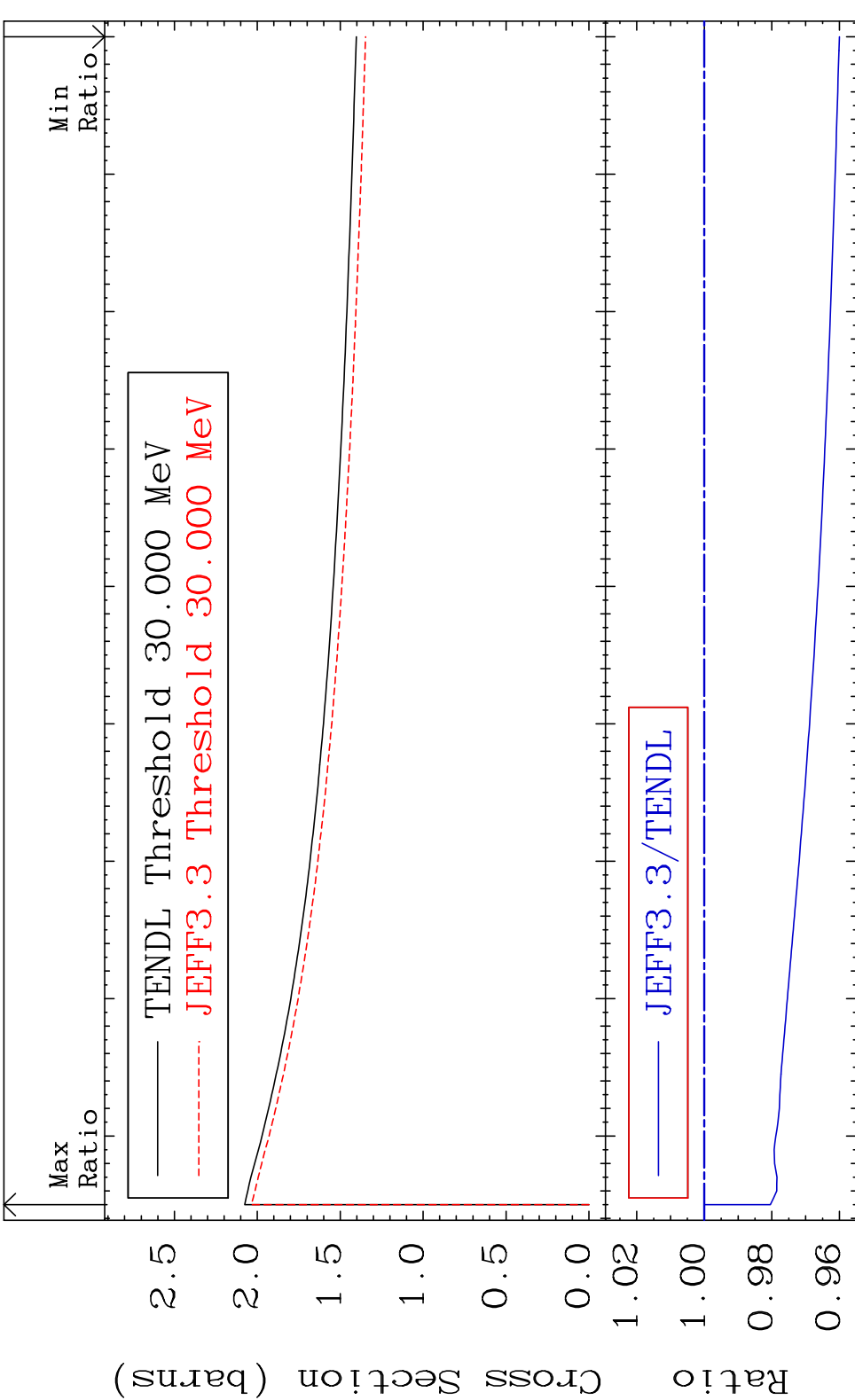
2

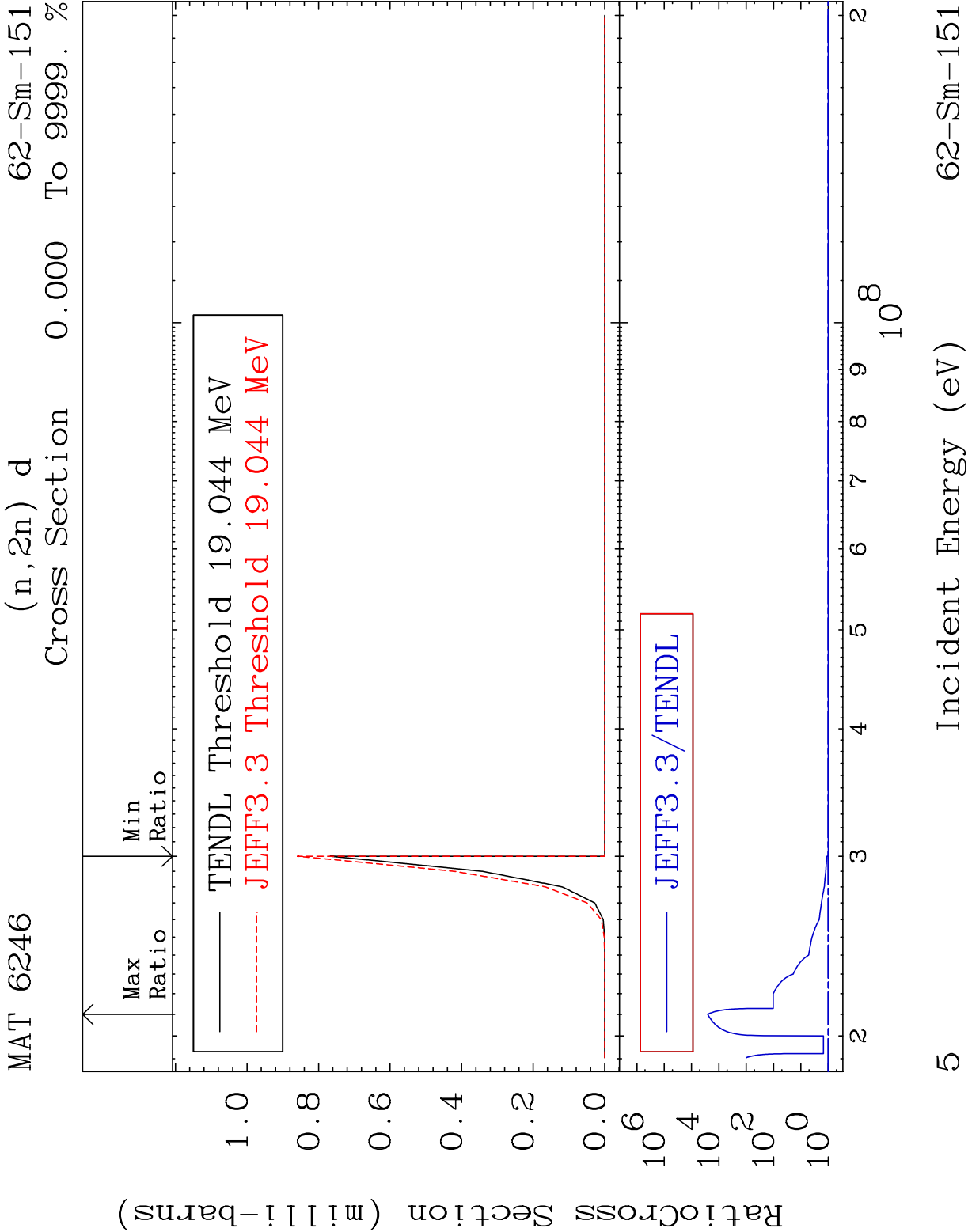
Incident Energy (eV)

62-Sm-151



MAT 6246 (n,remainder) 62-Sm-151
Cross Section -3.997 To 0.000 %



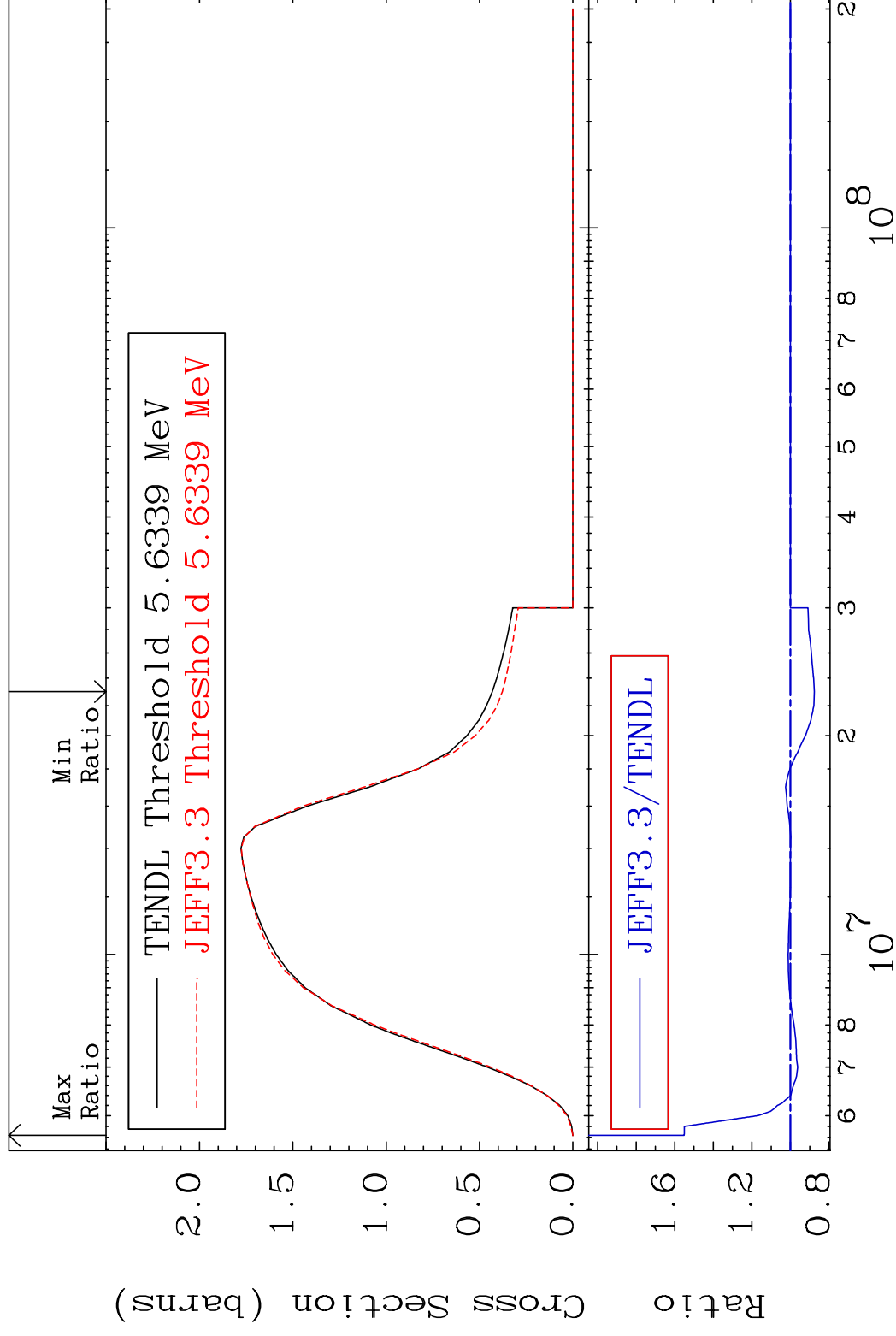


MAT 6246

$$(n, 2n)$$

62-Sm-151

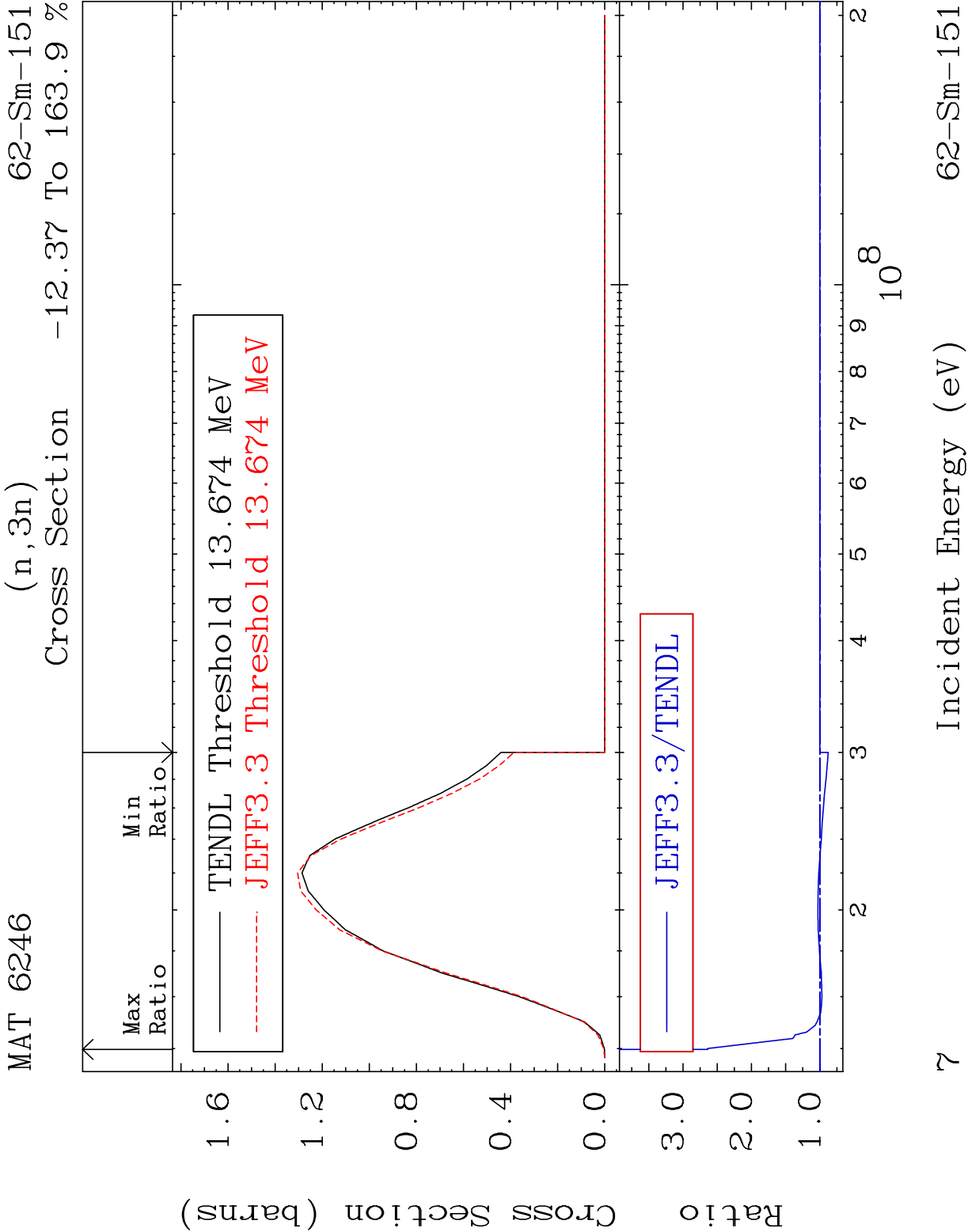
Cross Section -12.38 To 55.14 %

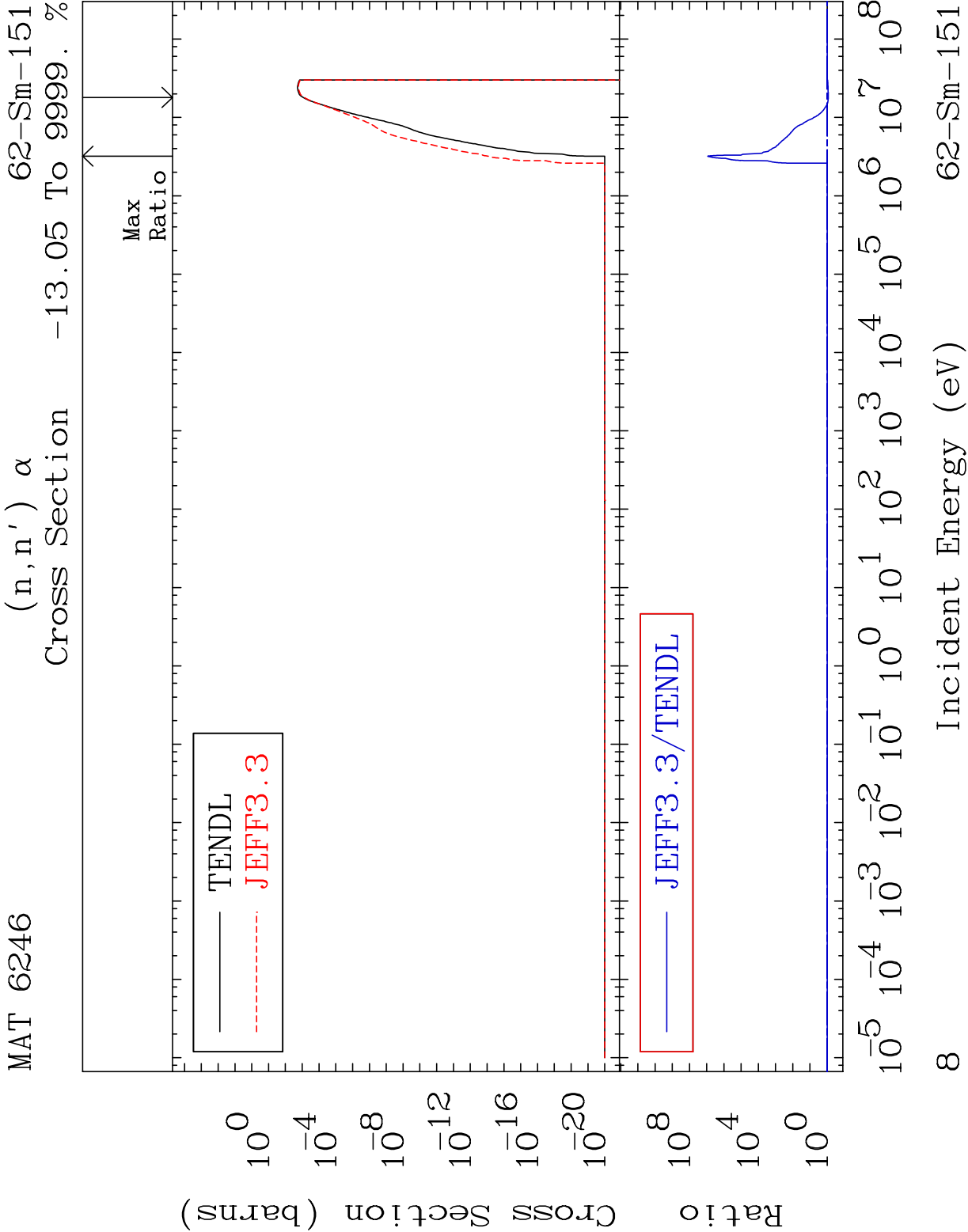


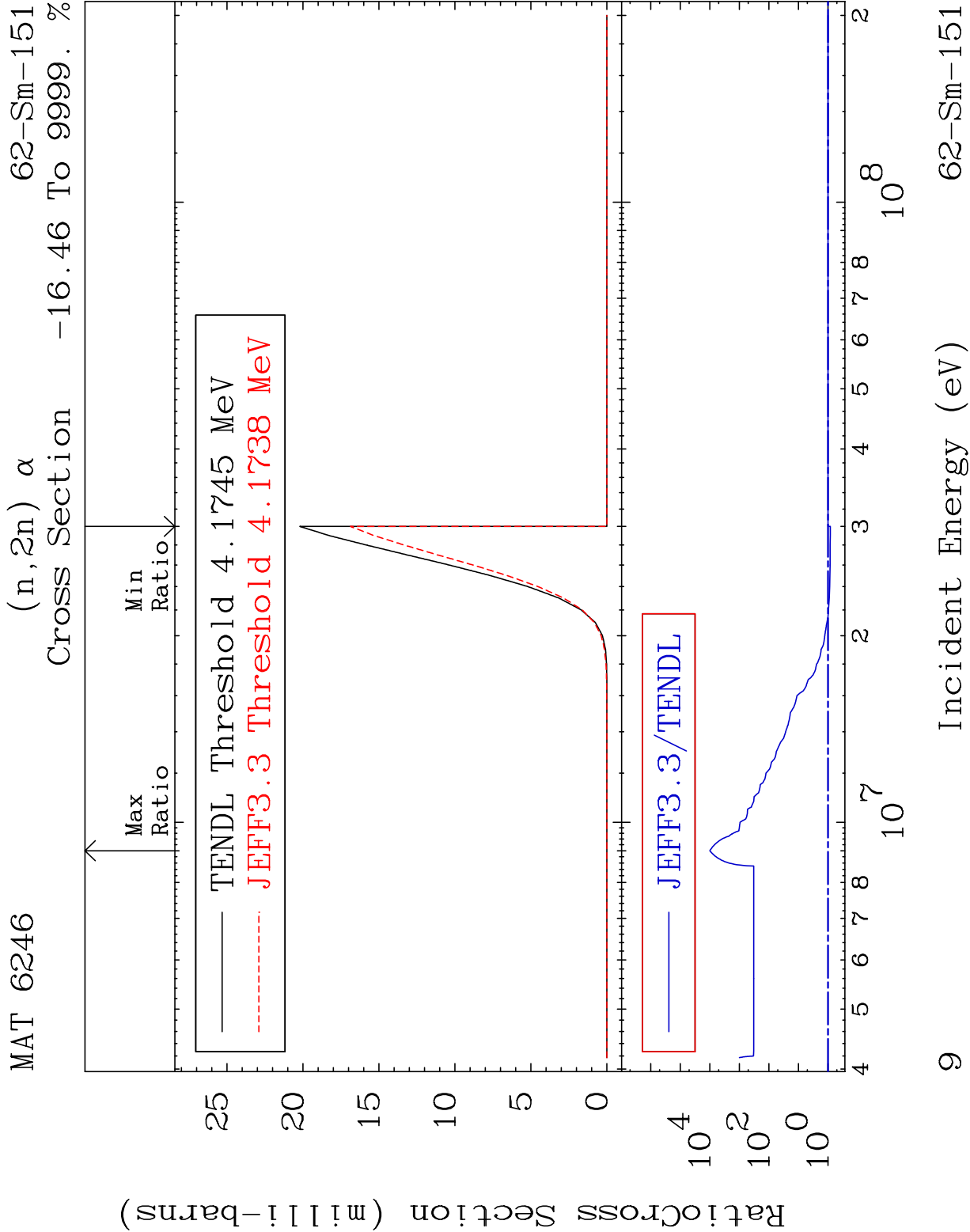
6

Incident Energy (eV)

62-Sm-151





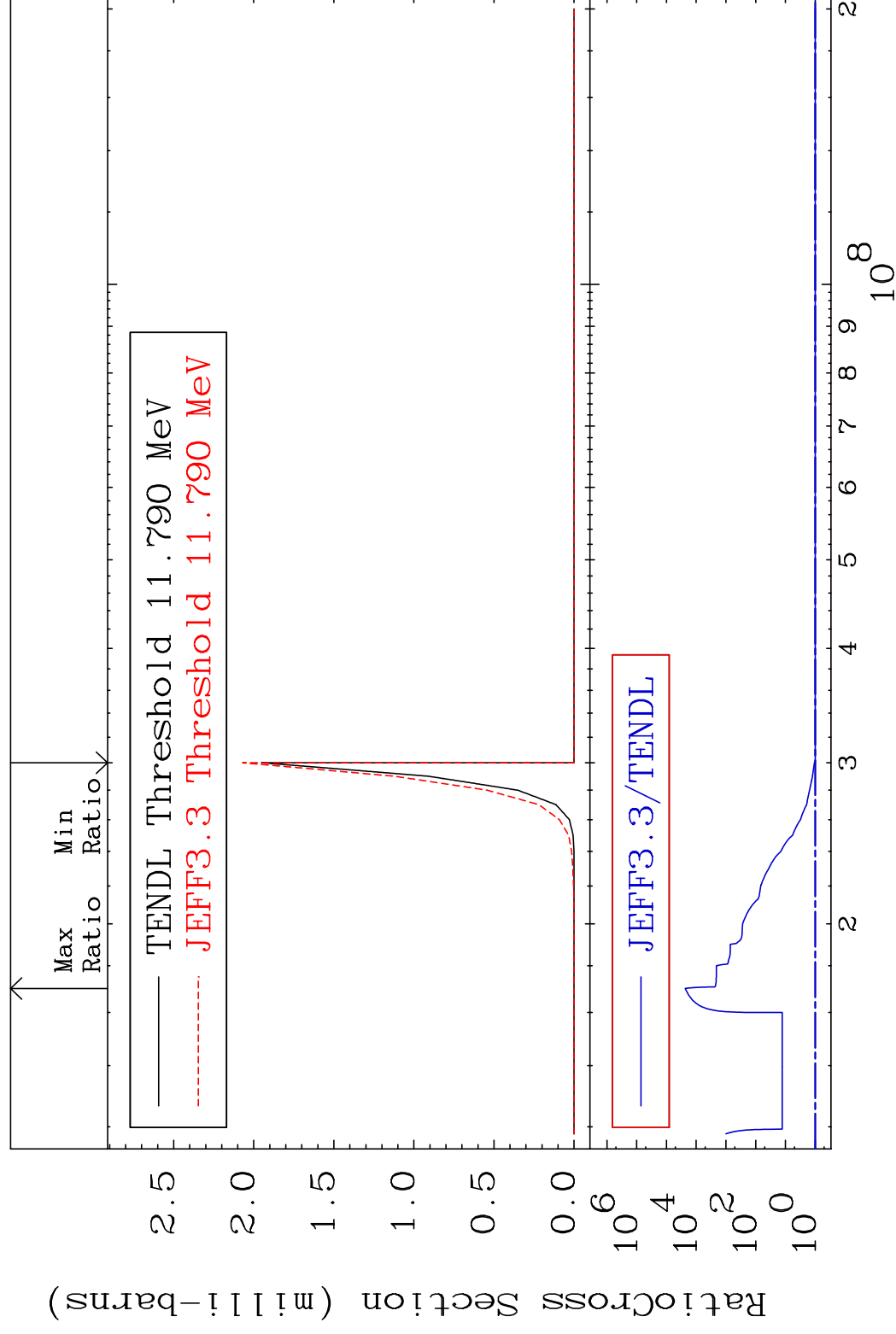


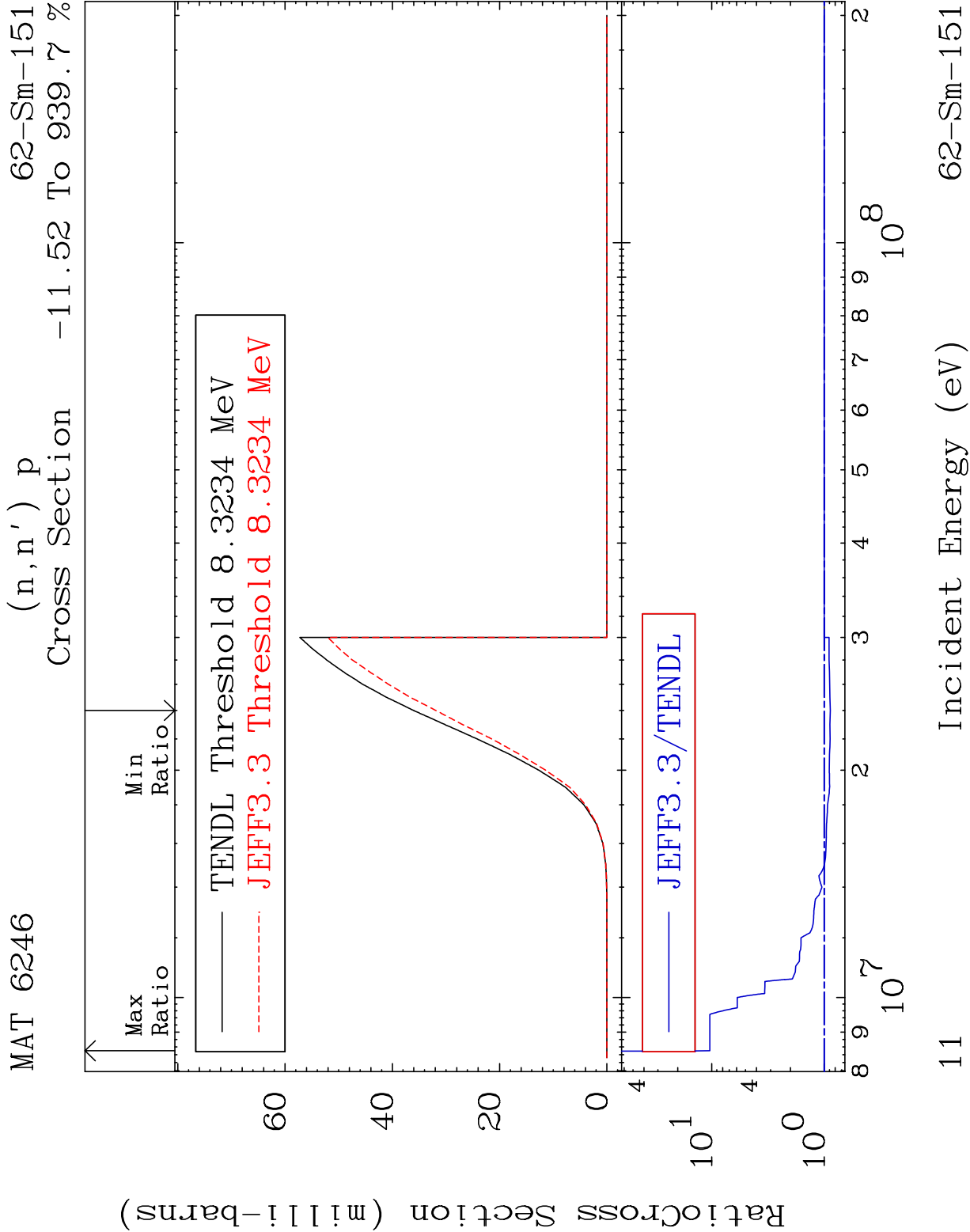
MAT 6246

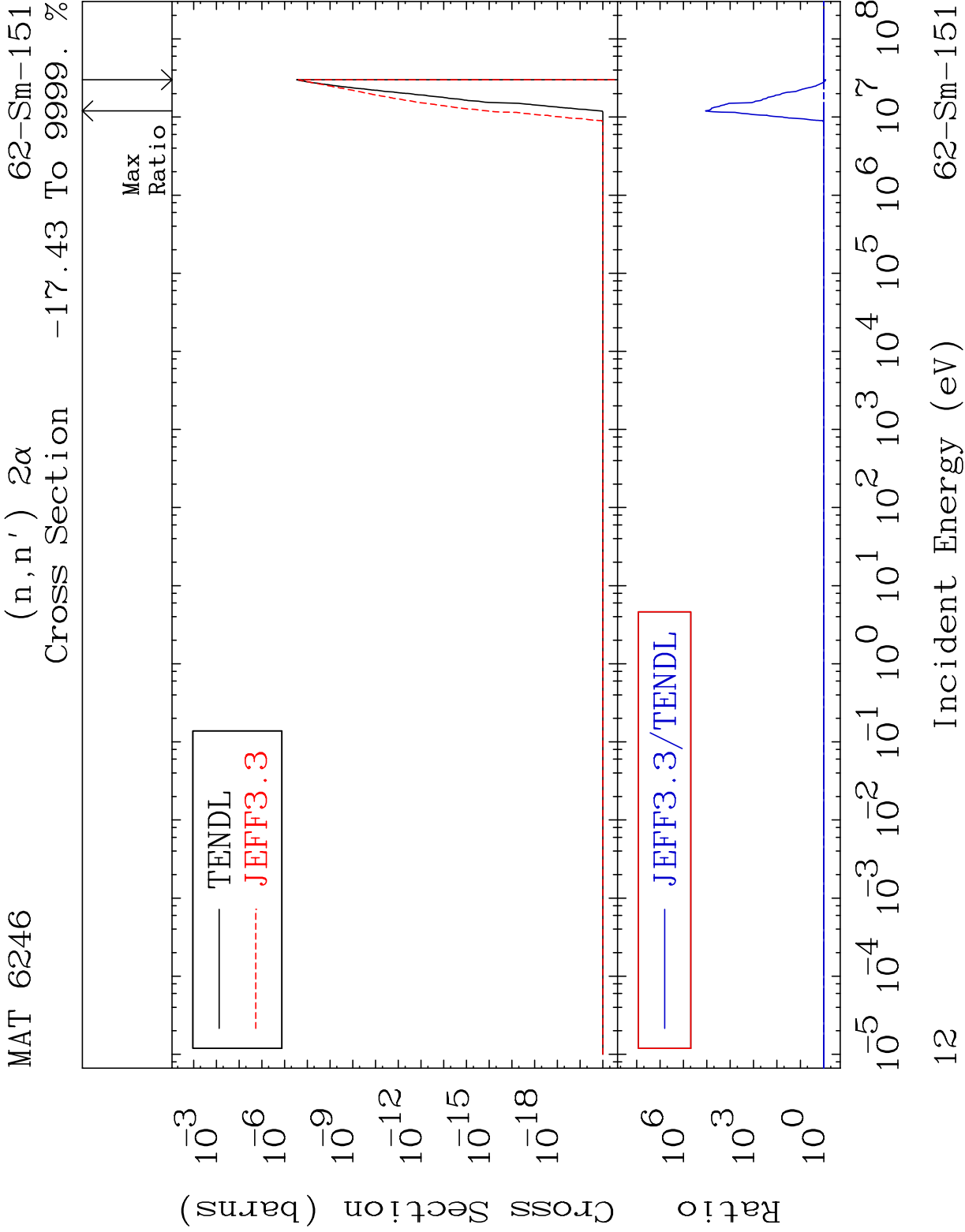
$$(n, 3n) \propto$$

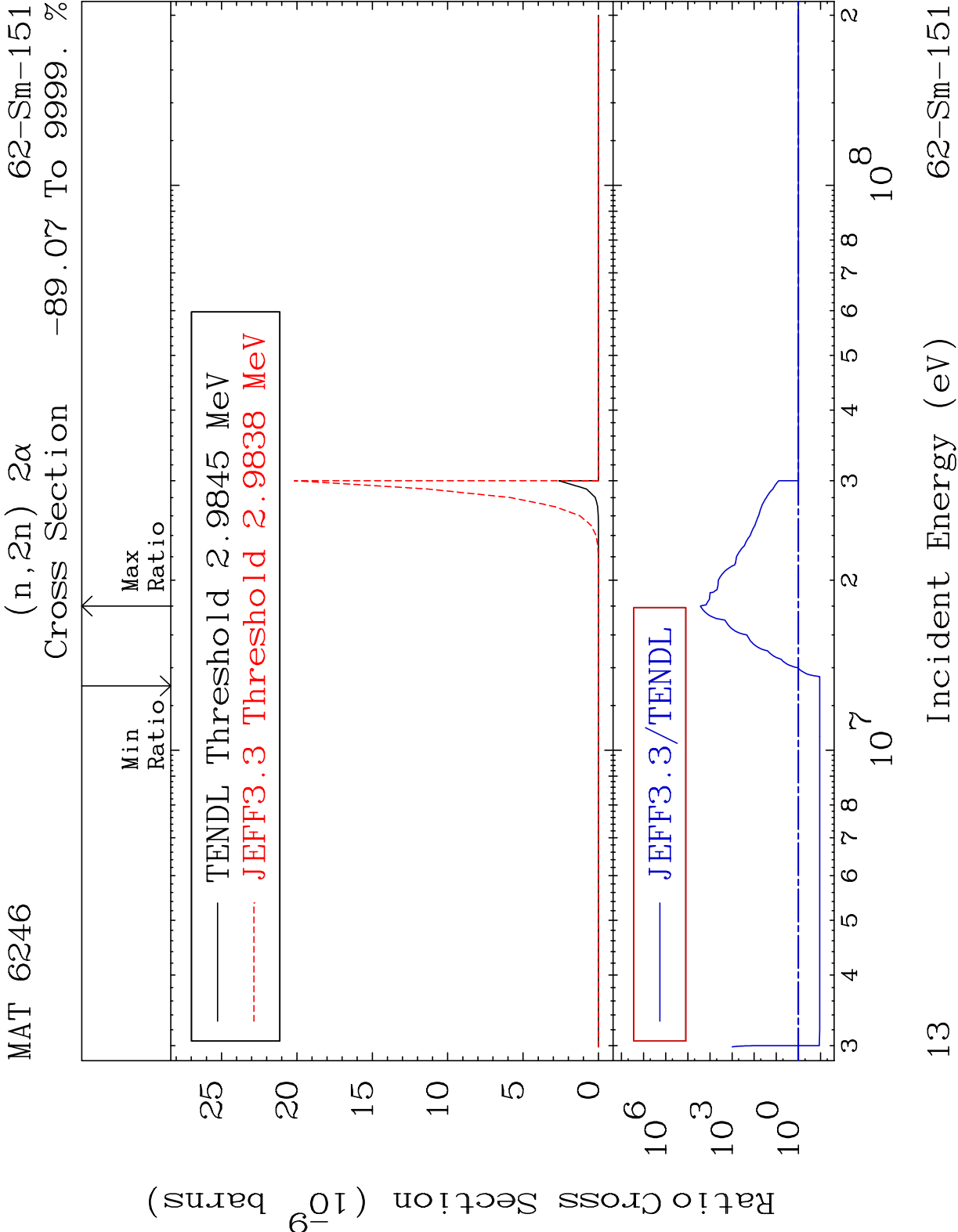
62-Sm-151

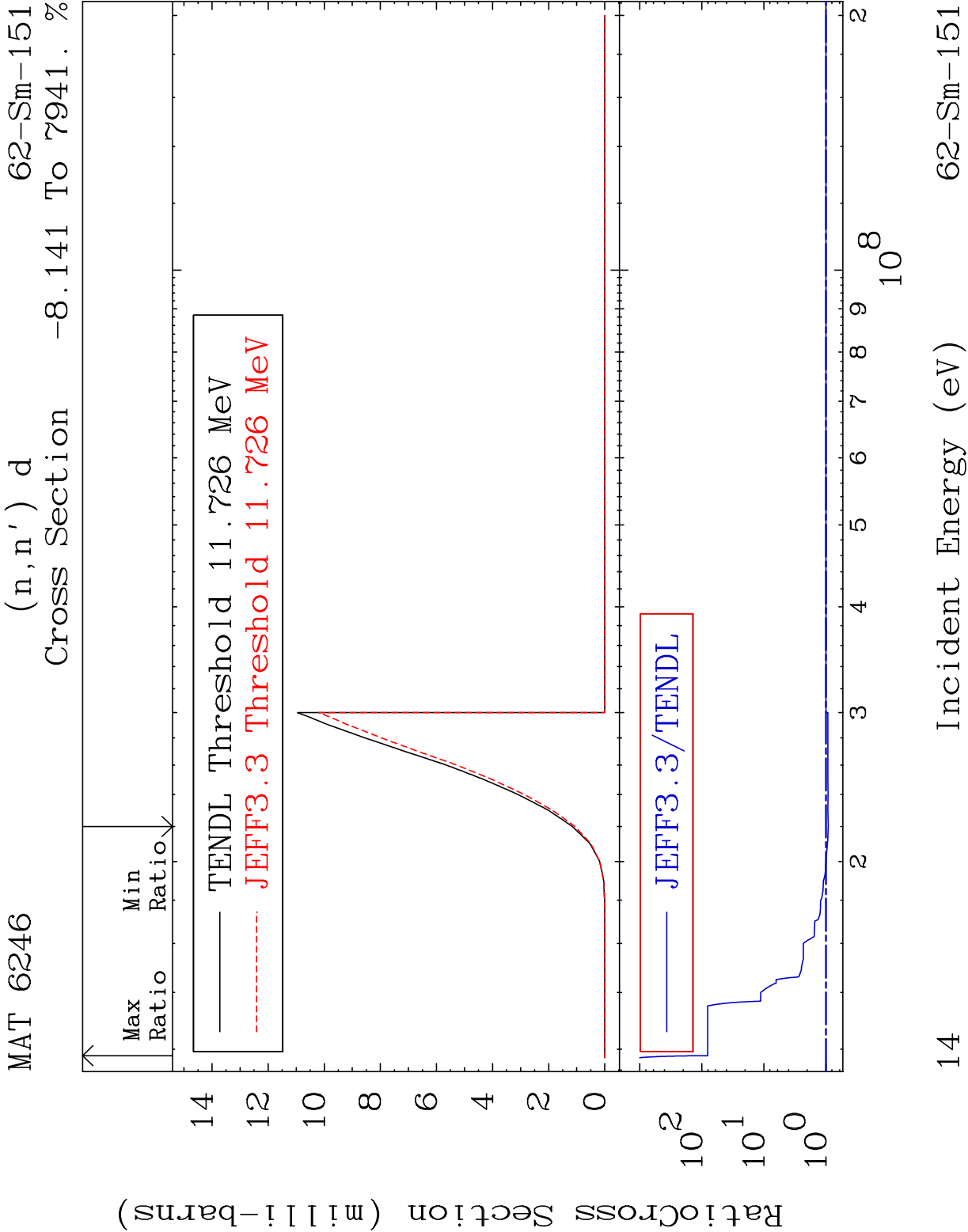
Cross Section 0.000 To 9999. %

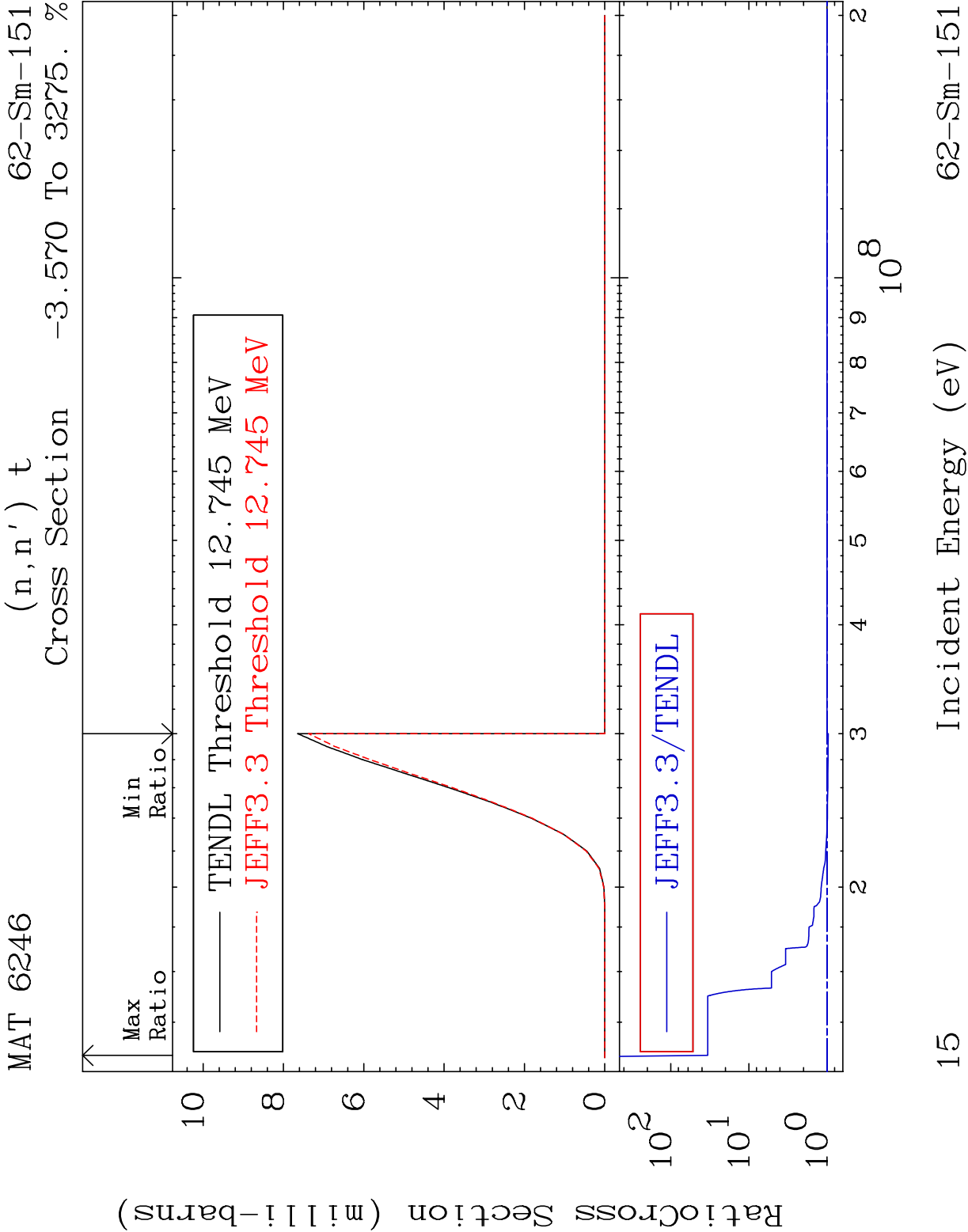


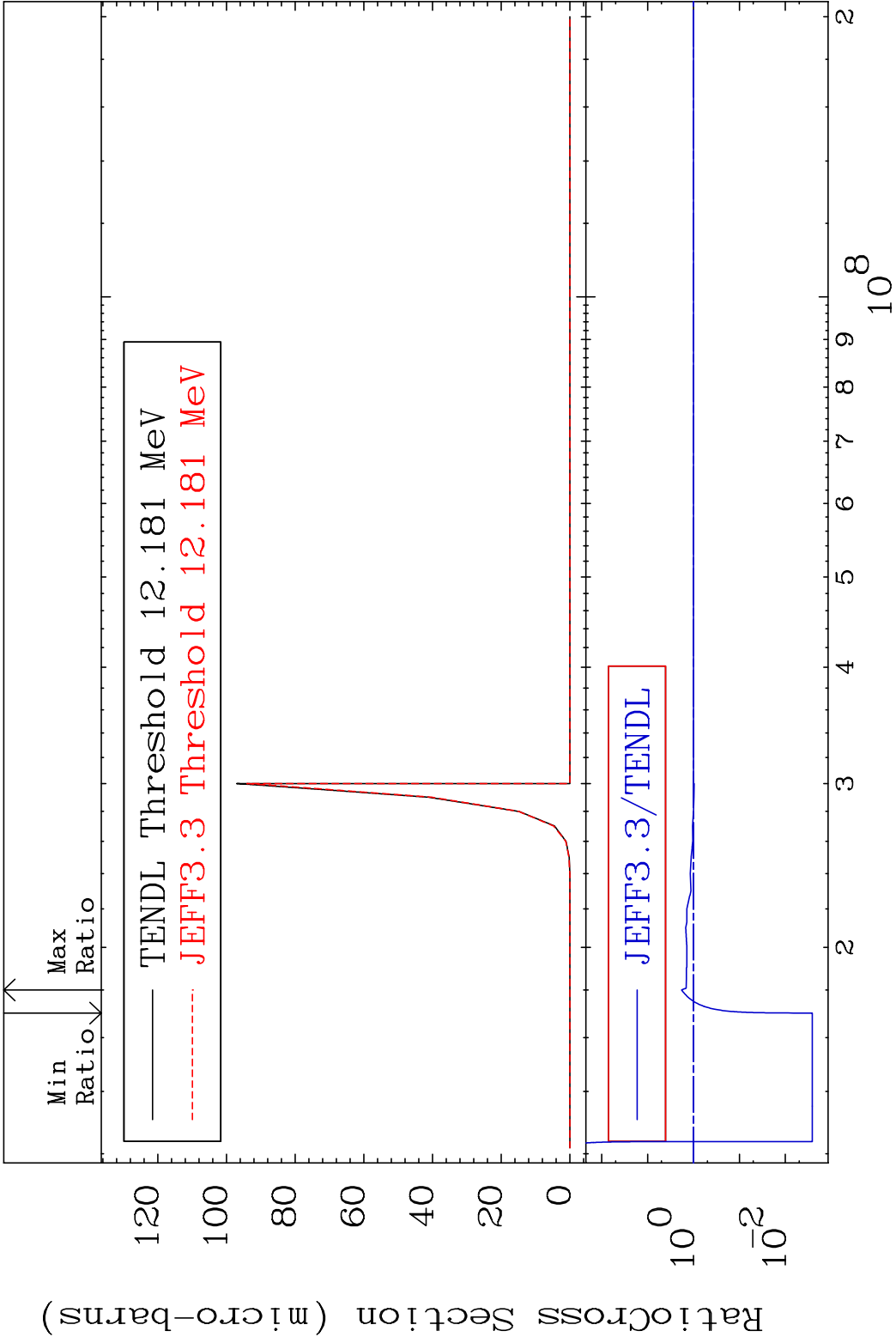








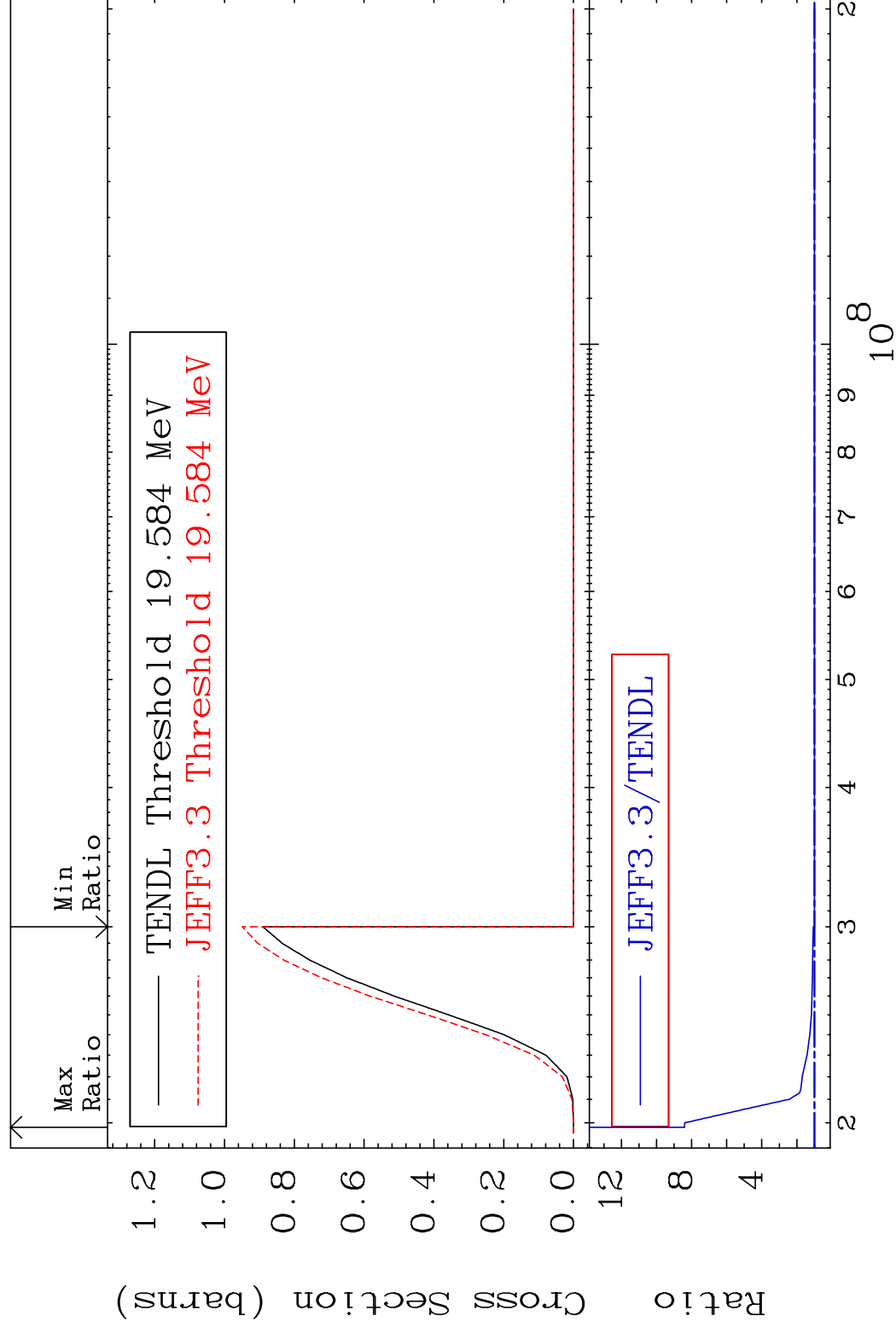




MAT 6246

$$(n, 4n)$$

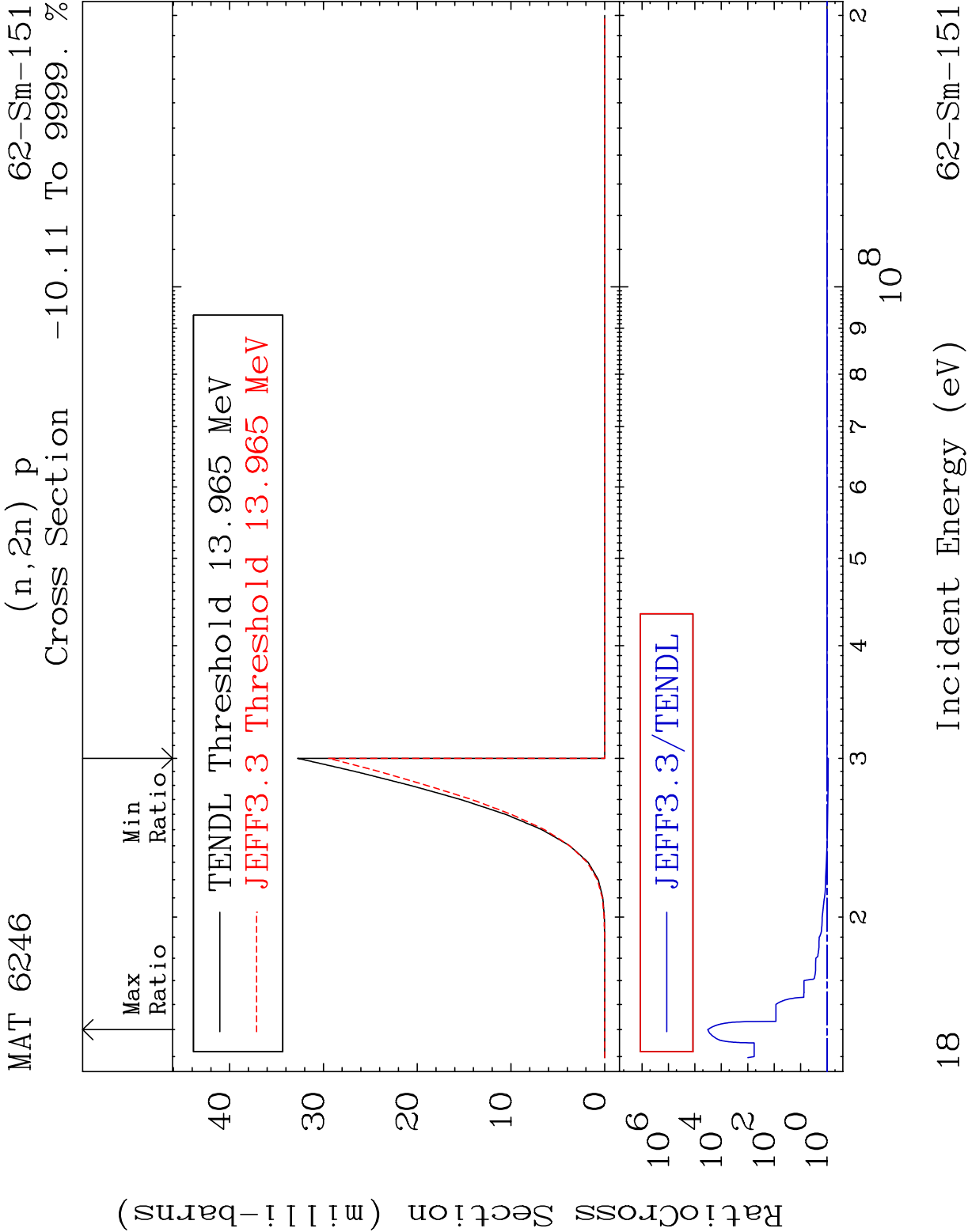
(n, 4n)	62-Sm-151
Cross Section	0.000 To 740.5 %

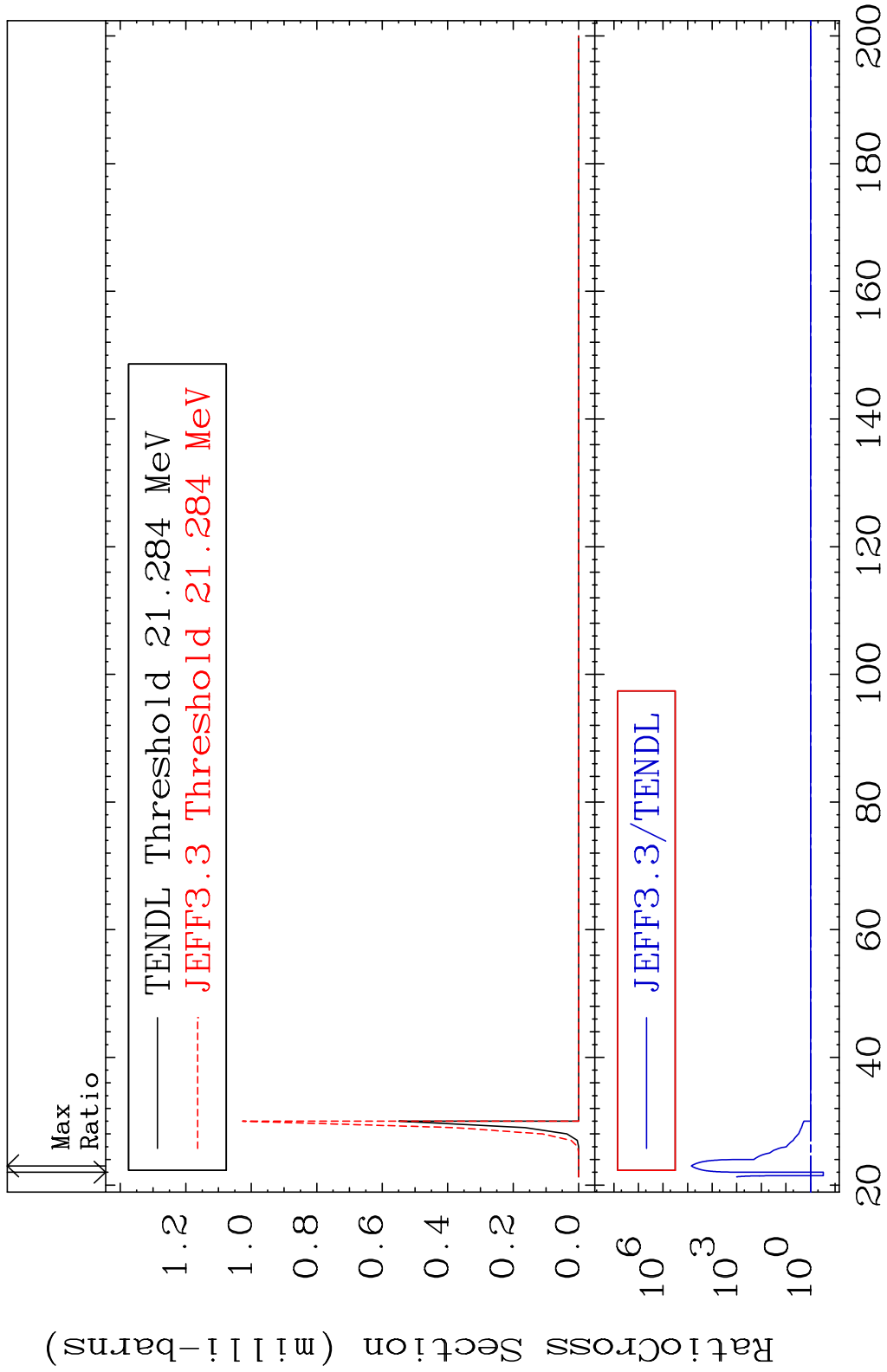


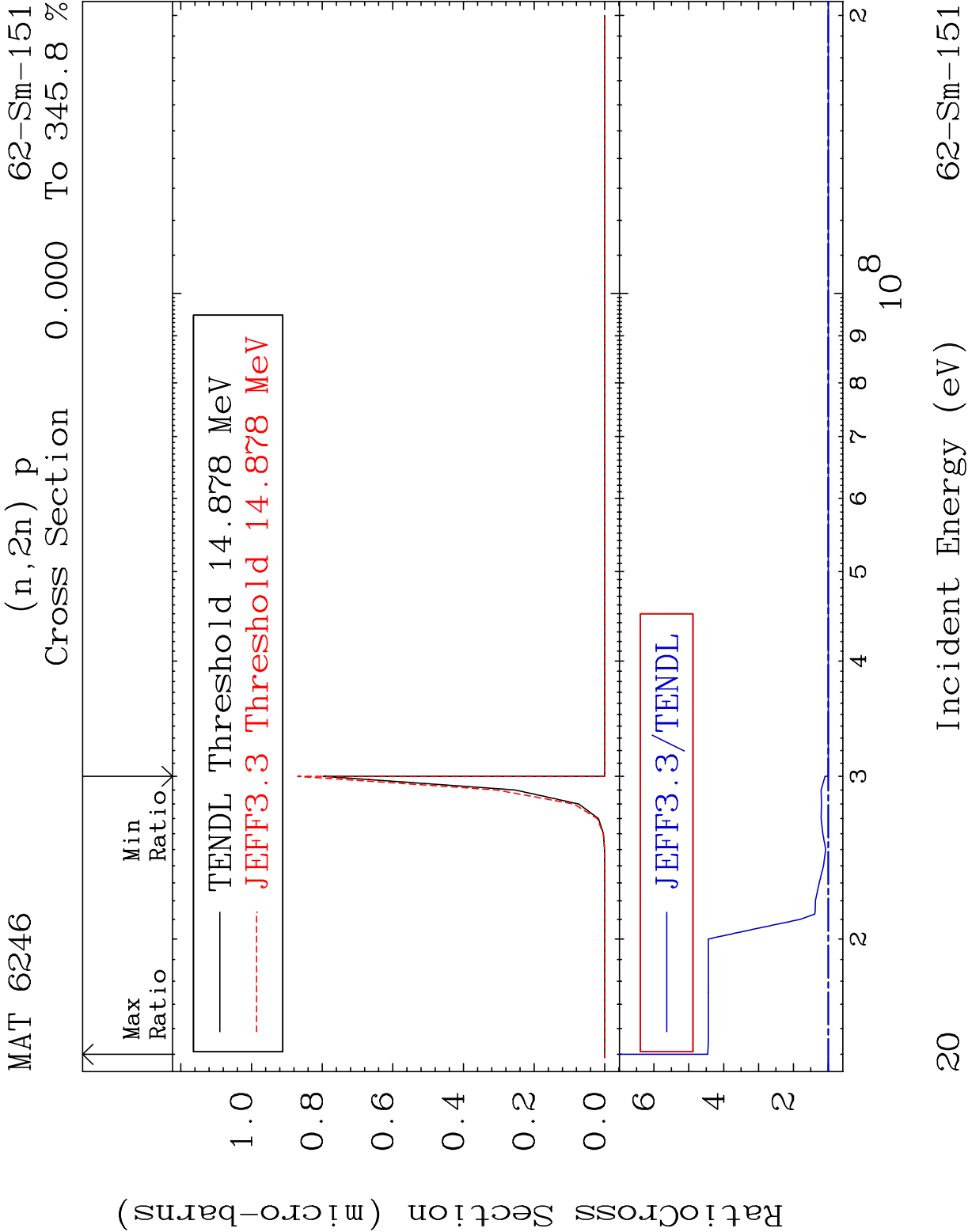
17

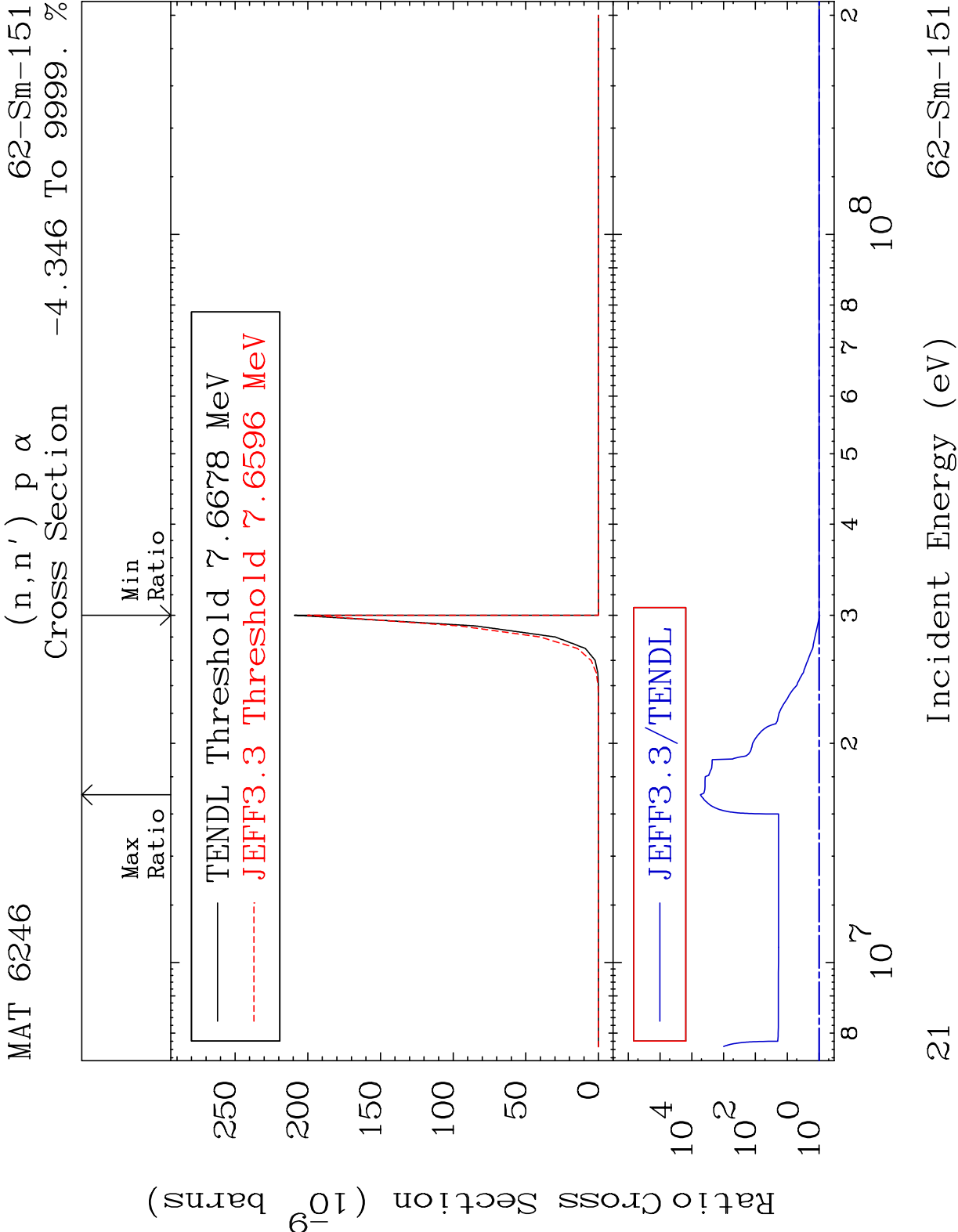
Incident Energy (eV)

62-Sm-151

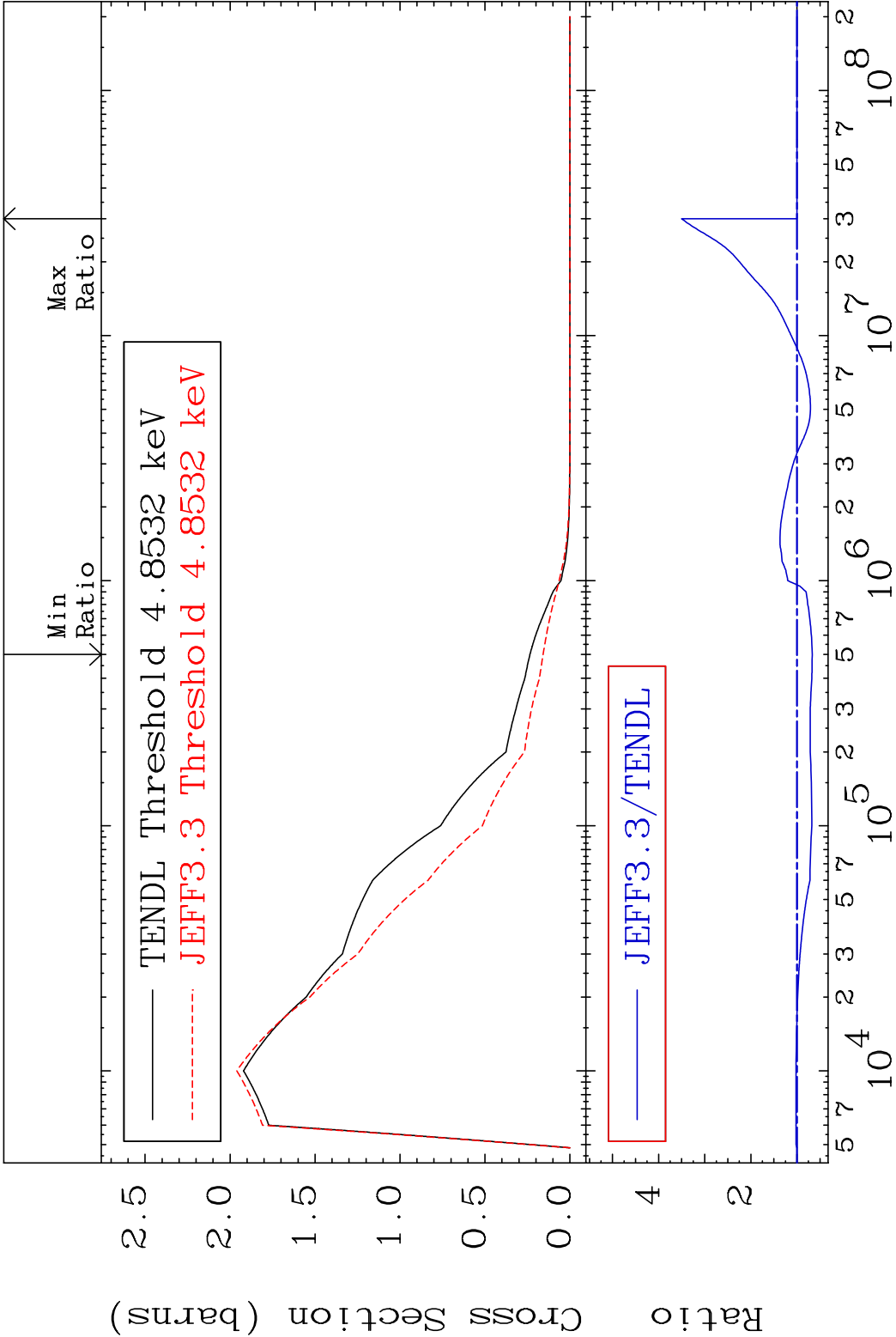




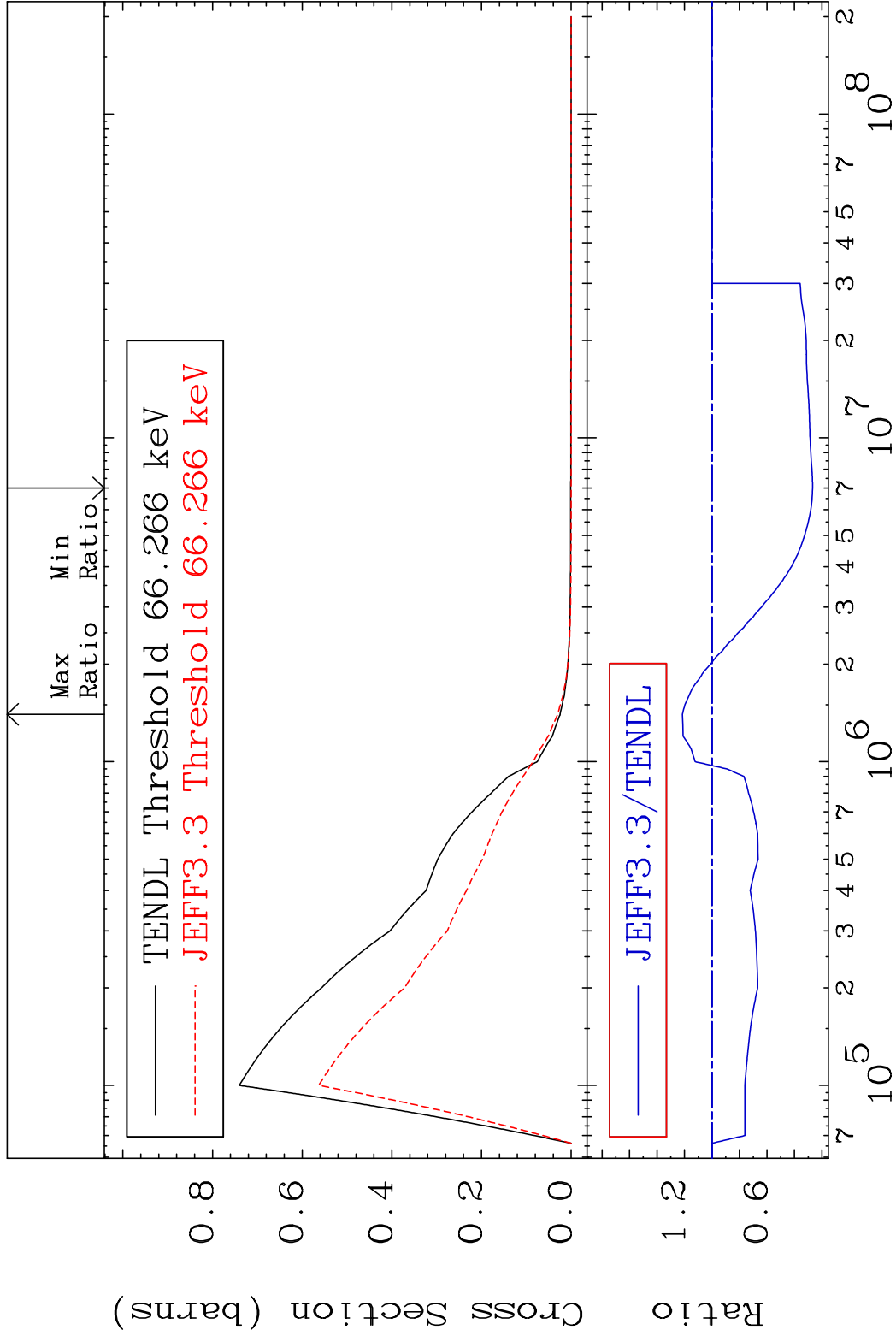




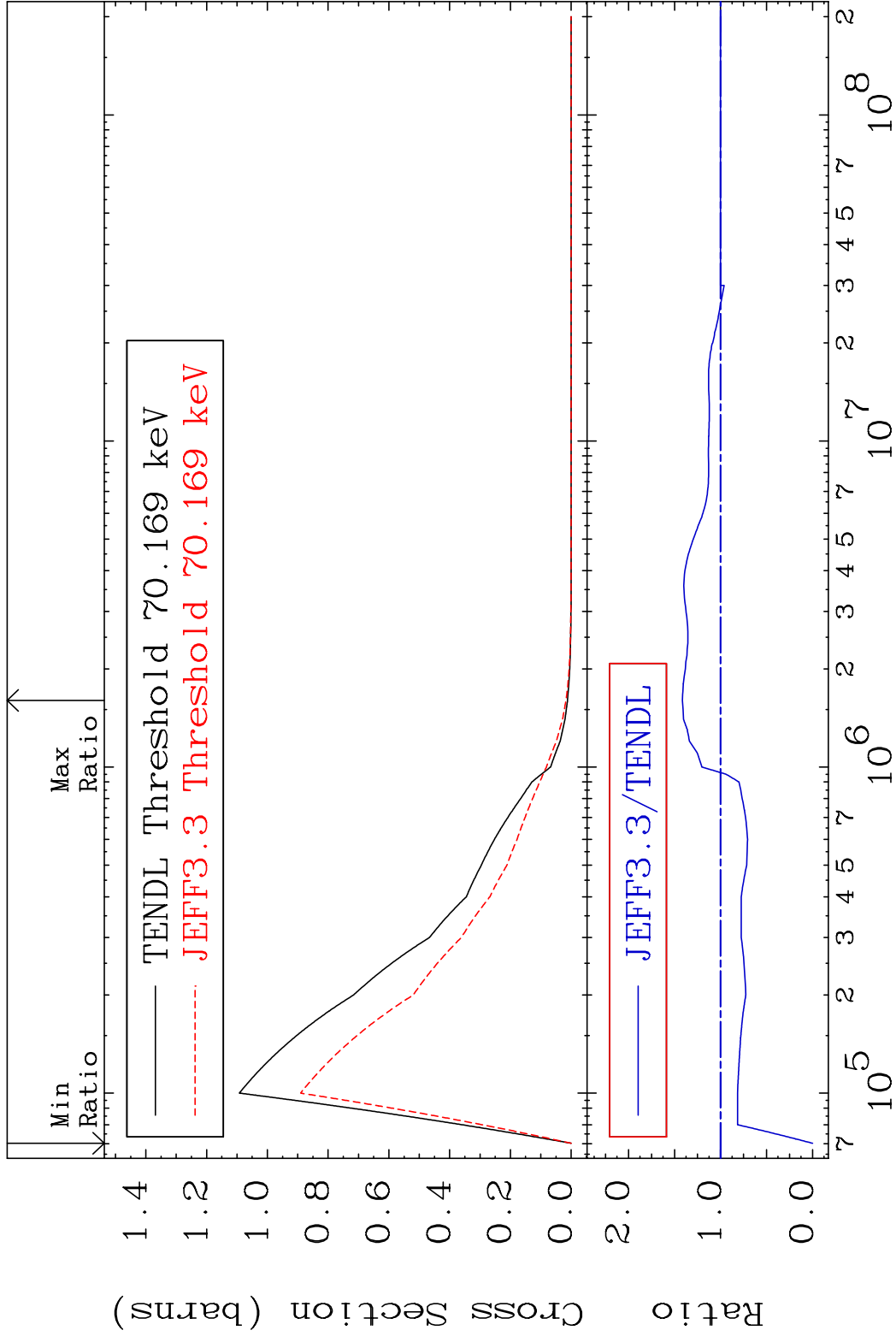
MAT 6246 MT= 51 (n,n') Level 62-Sm-151
 Cross Section -33.14 To 250.3 %



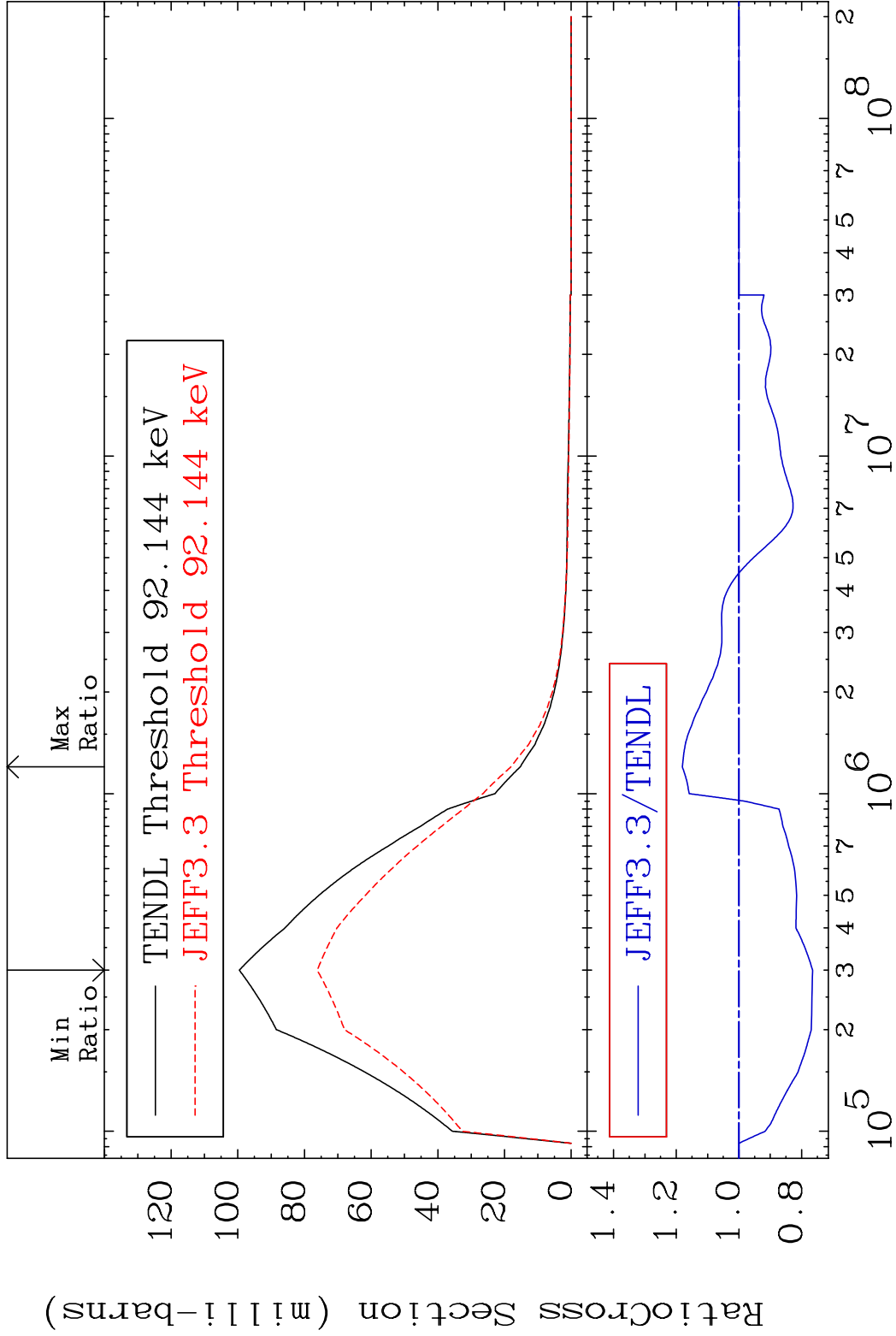
MAT 6246 MT= 52 (n,n') Level 62-Sm-151
 Cross Section -73.17 To 21.56 %



MAT 6246 MT= 53 (n,n') Level 62-Sm-151
 Cross Section -100.0 To 41.51 %



MAT 6246 MT= 54 (n,n') Level 62-Sm-151
Cross Section -23.48 To 18.05 %



25 Incident Energy (eV) 62-Sm-151

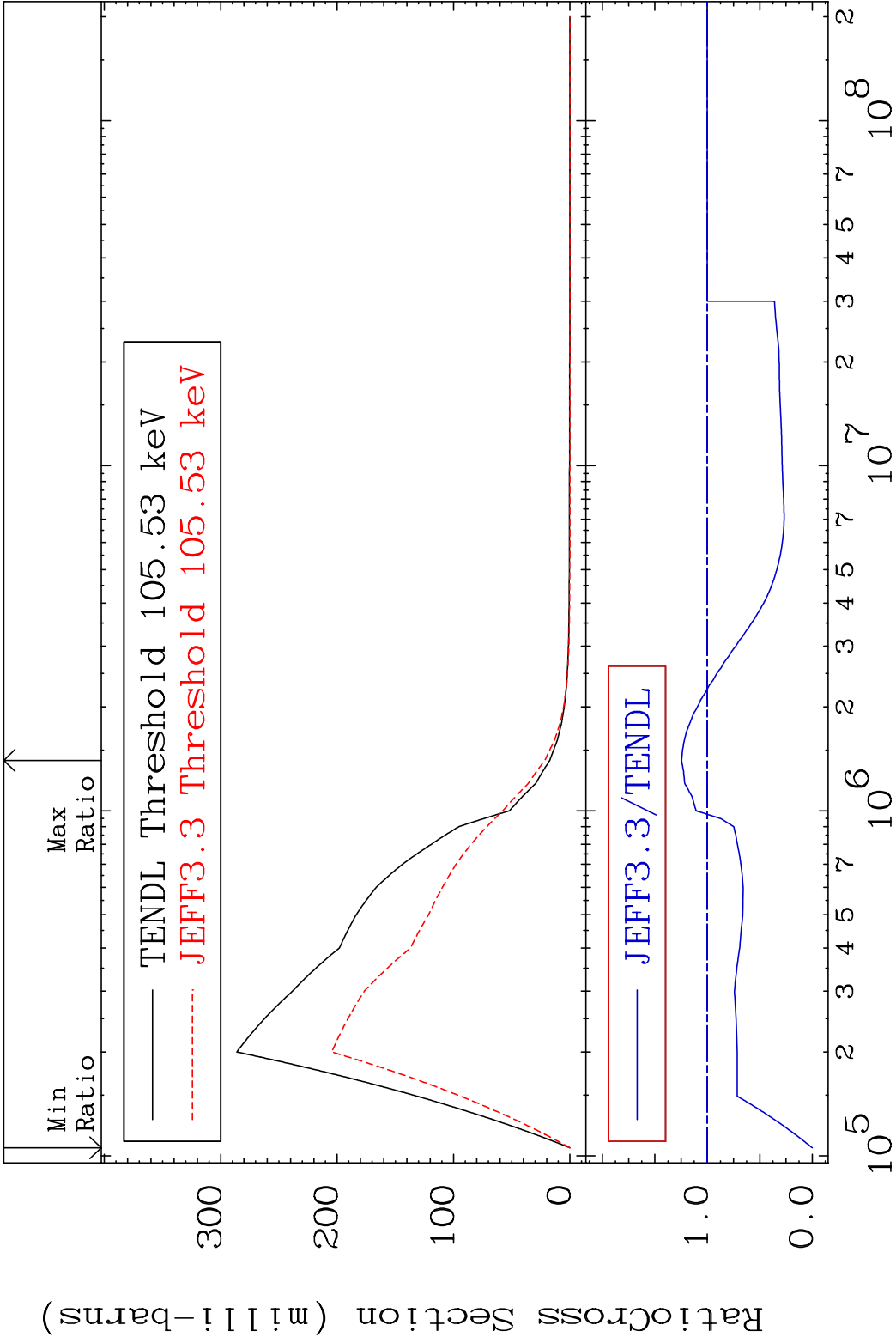
MAT 6246

MT= 55 (n,n') Level

62-Sm-151

Cross Section

-100.0 To 24.56 %

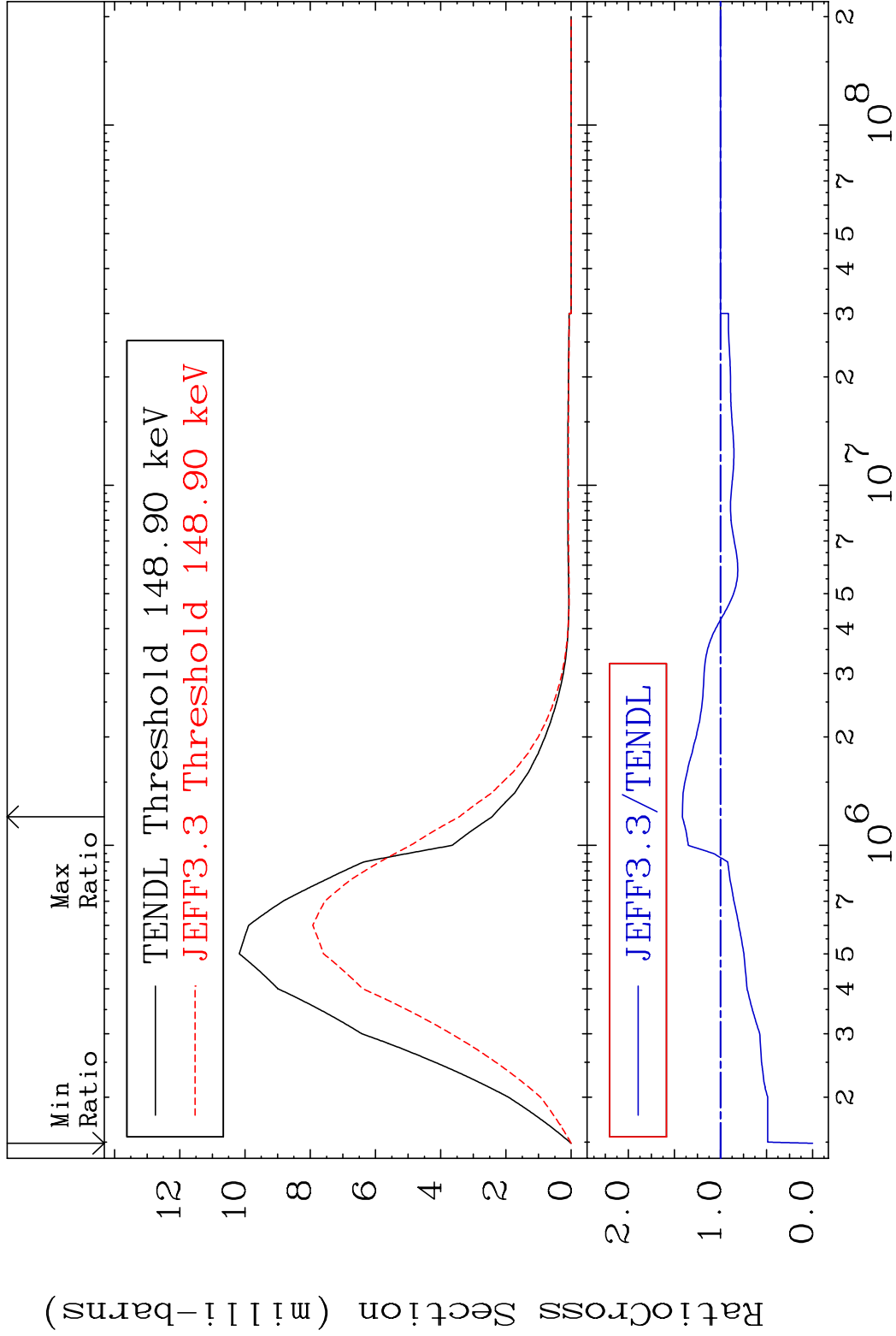


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Incident Energy (eV)

62-Sm-151

MAT 6246 MT= 56 (n,n') Level 62-Sm-151
Cross Section -100.0 To 41.43 %



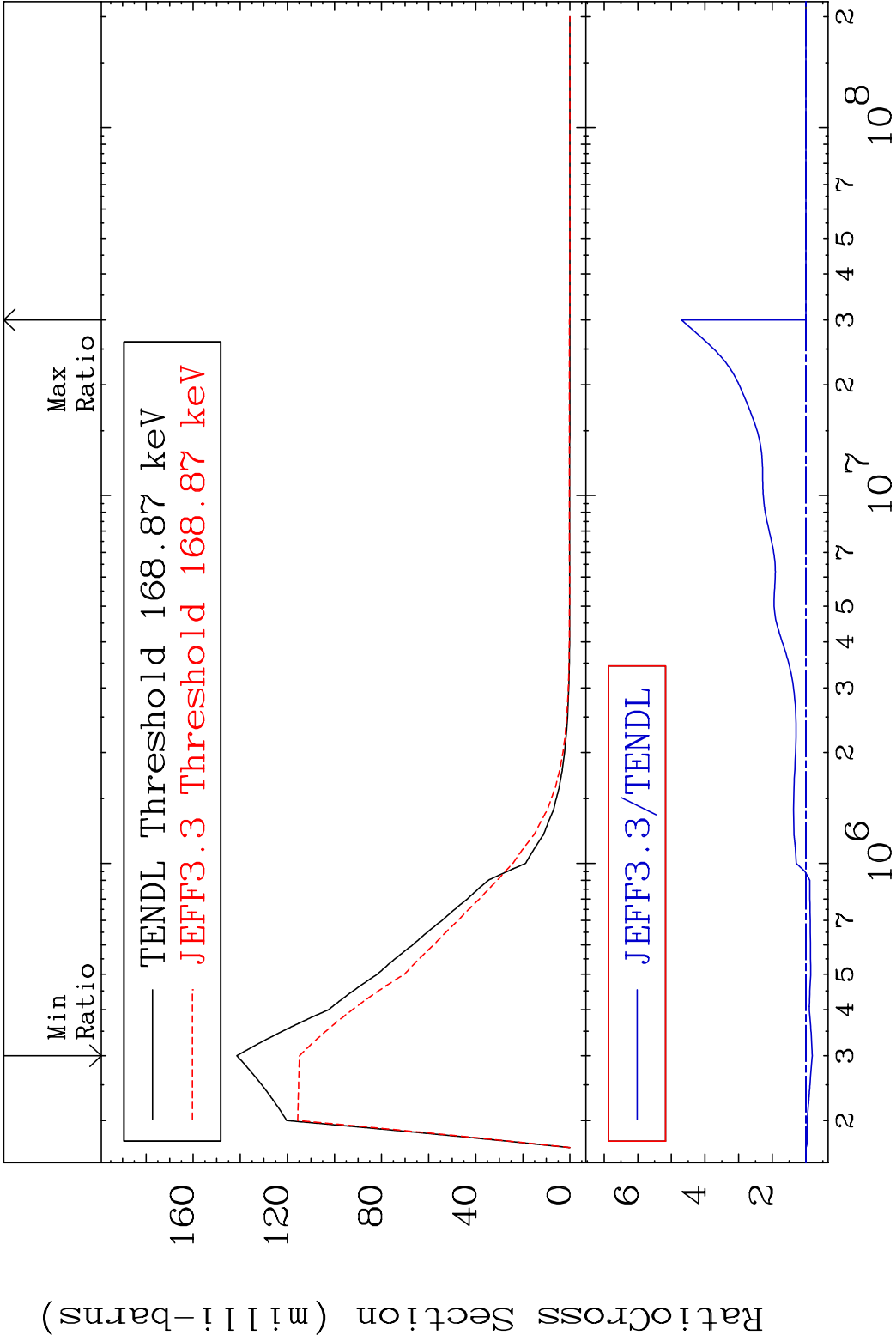
MAT 6246

MT= 57 (n,n') Level

62-Sm-151

Cross Section

-18.81 To 369.8 %

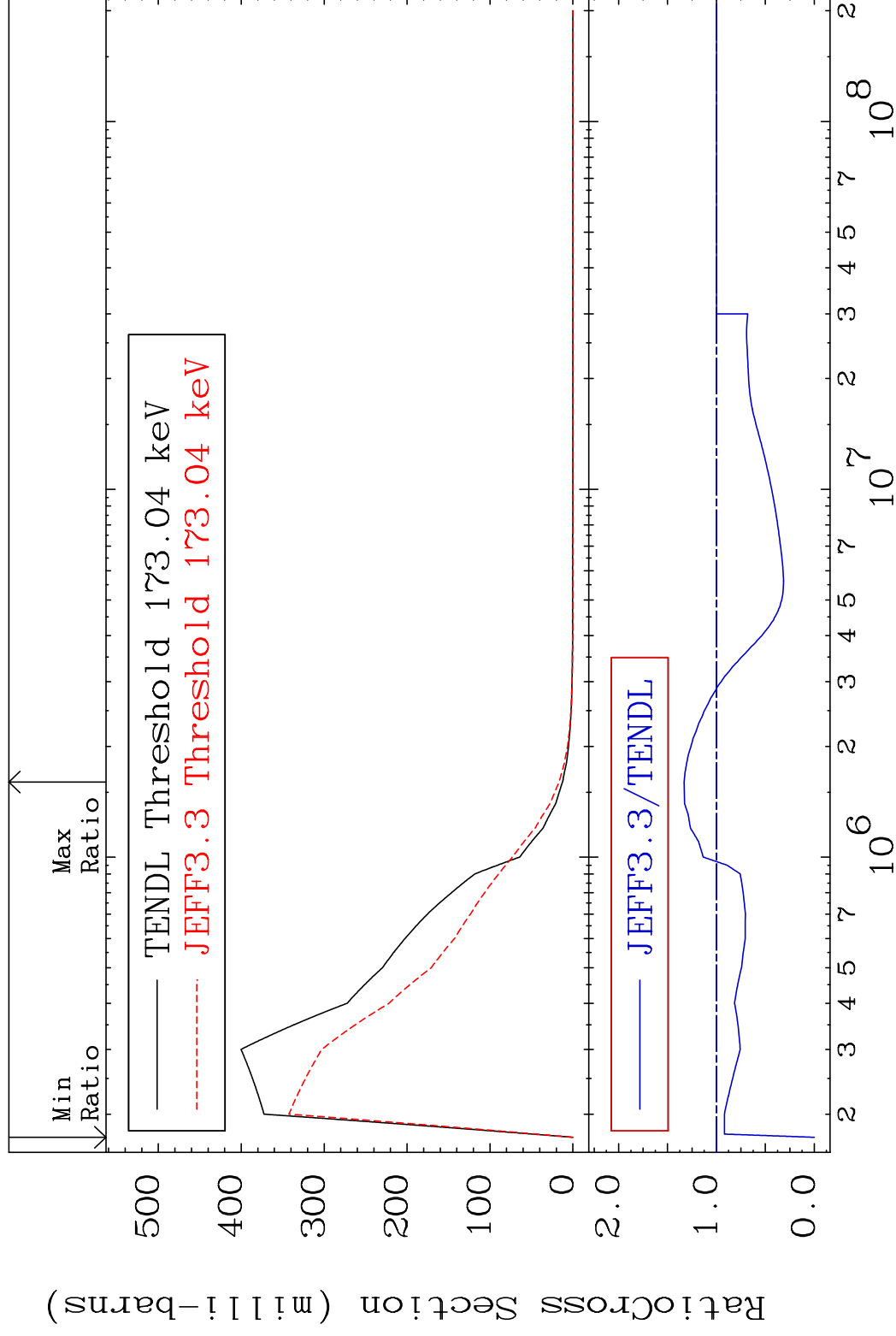


MAT 6246

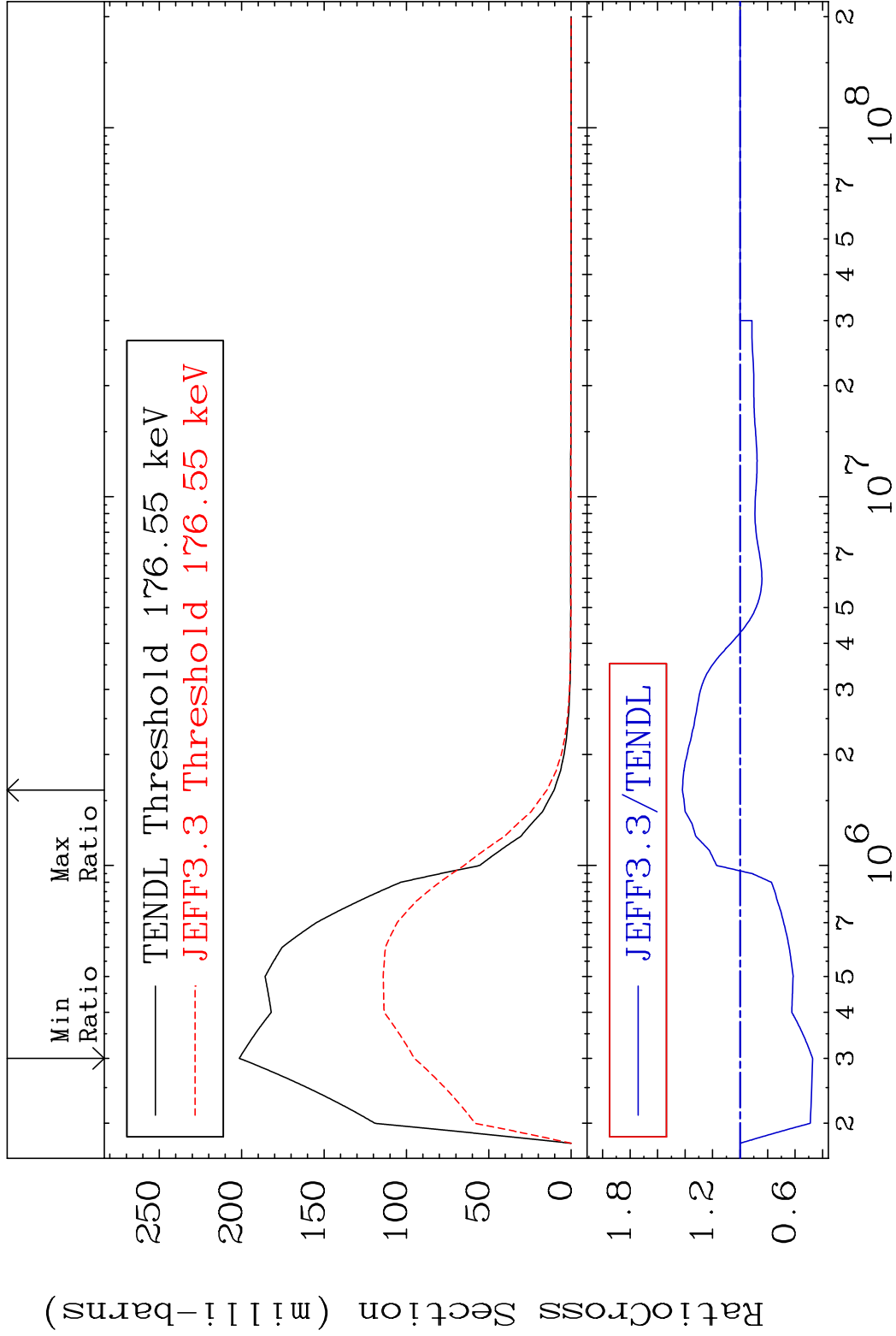
MT= 58 (n, n') Level

62-Sm-151

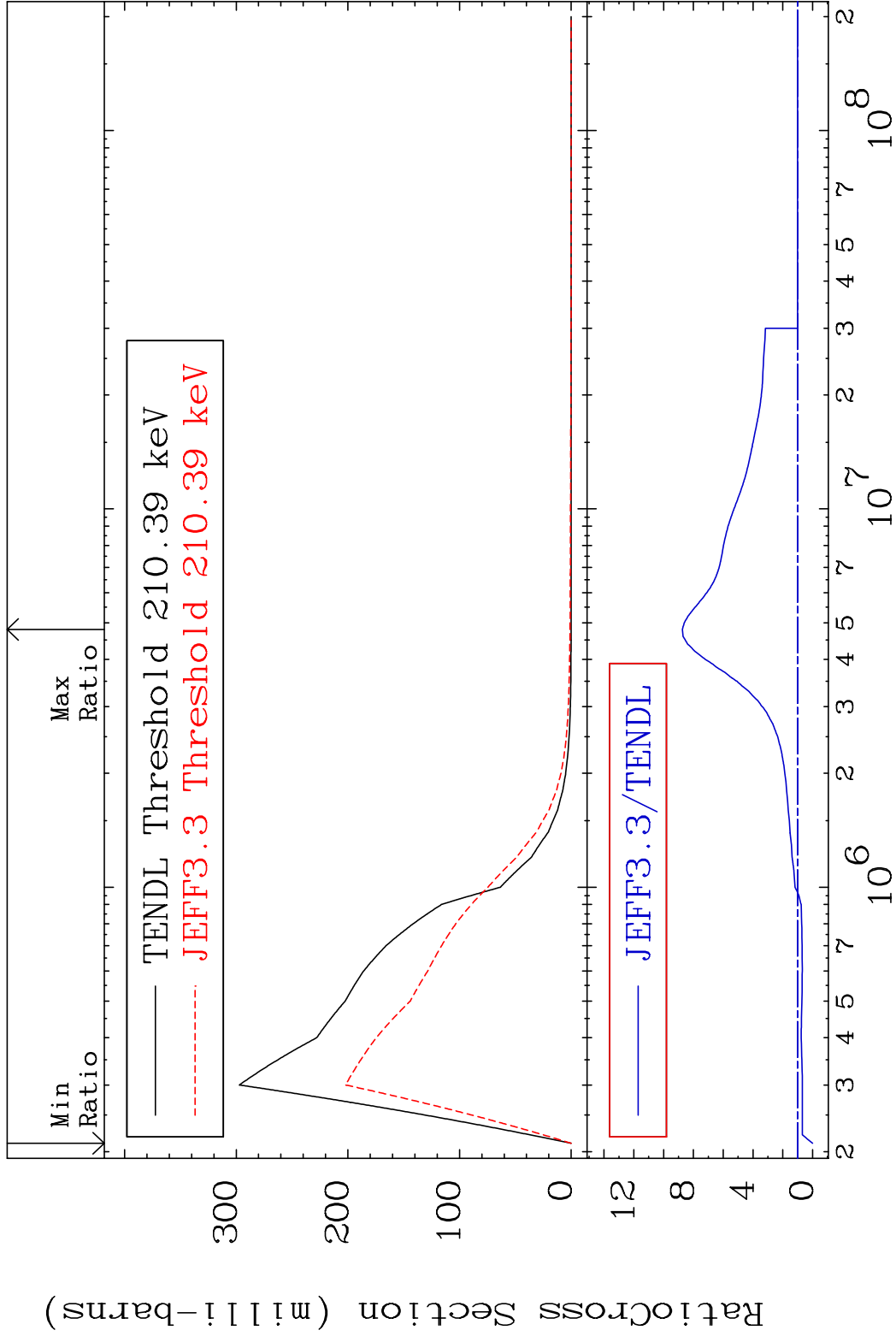
Cross Section -100.0 To 33.11 %

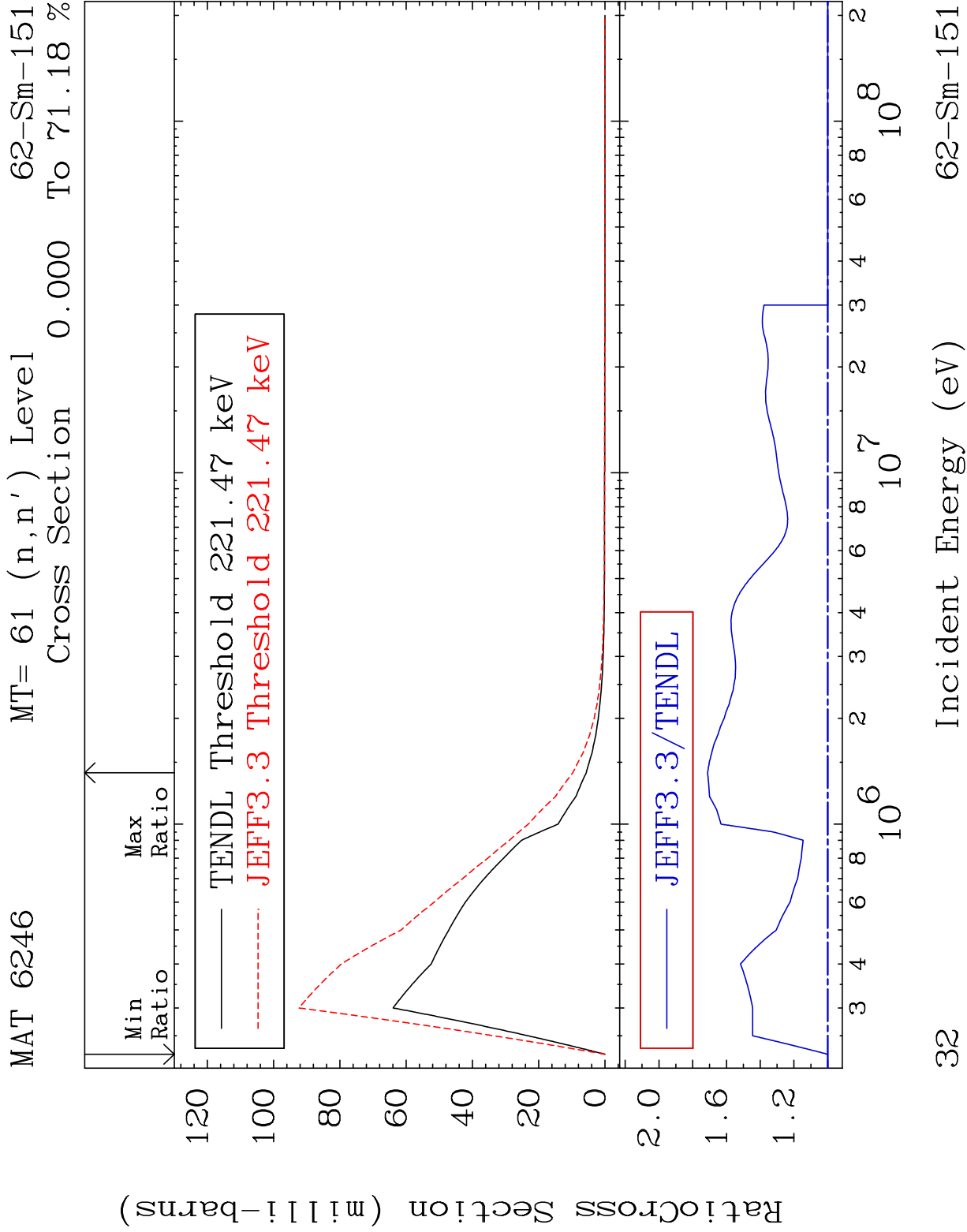


MAT 6246 MT= 59 (n,n') Level 62-Sm-151
Cross Section -52.73 To 41.99 %



MAT 6246 MT= 60 (n,n') Level 62-Sm-151
 Cross Section -100.0 To 774.2 %





MAT 6246

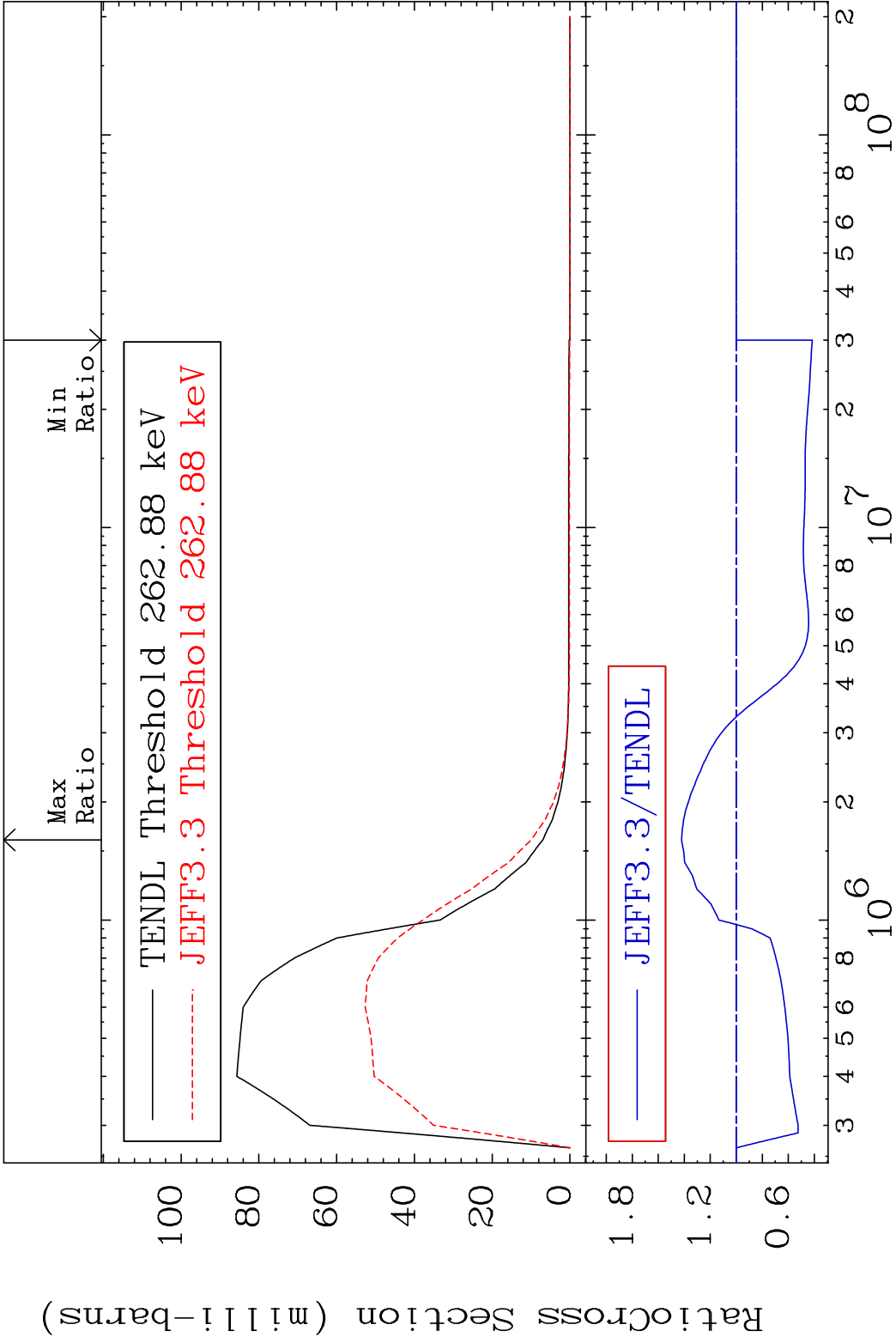
MT= 62 (n,n')

Level

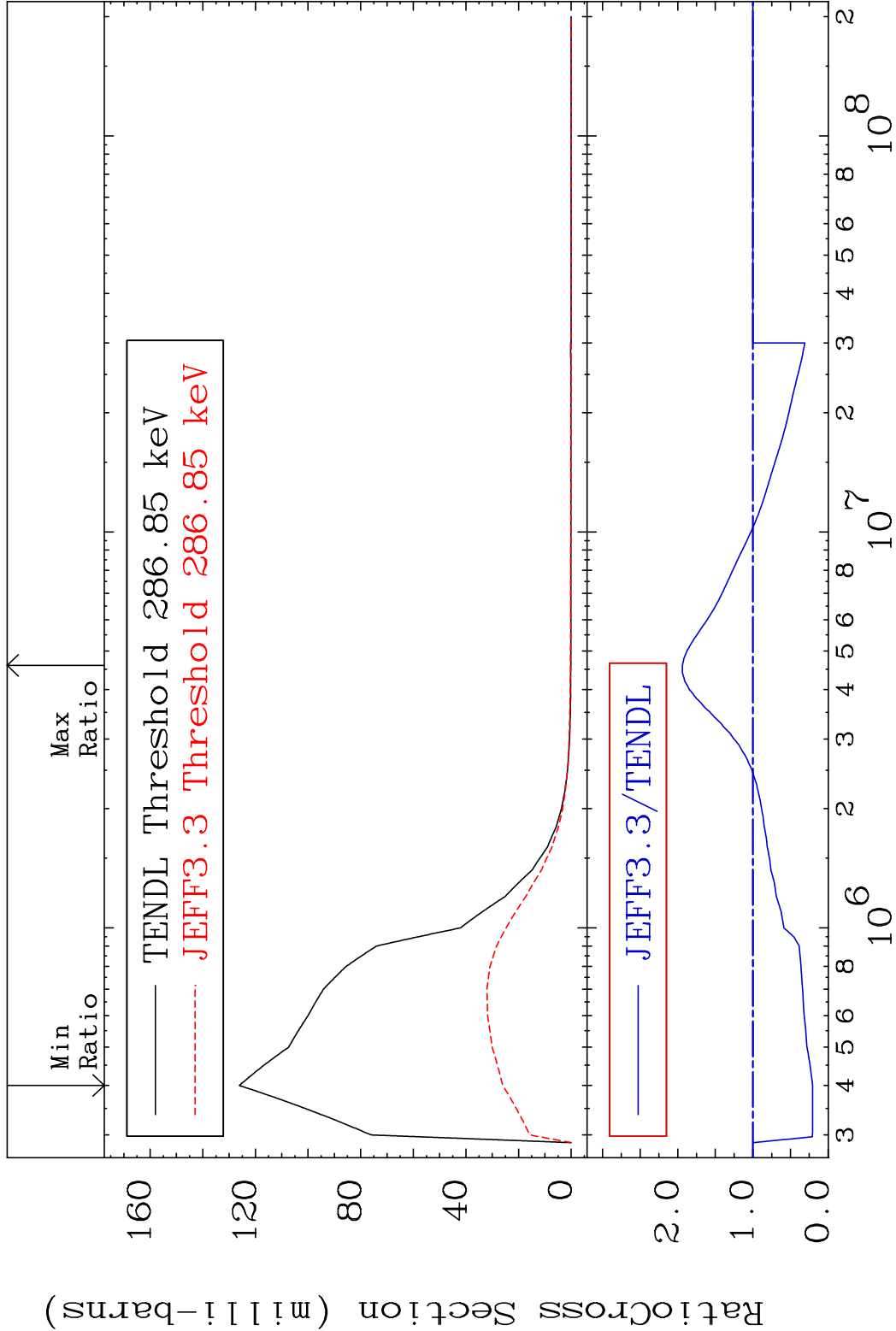
62-Sm-151

Cross Section

-58.42 To 42.11 %



MAT 6246 MT= 63 (n,n') Level 62-Sm-151
 Cross Section -79.39 To 93.87 %



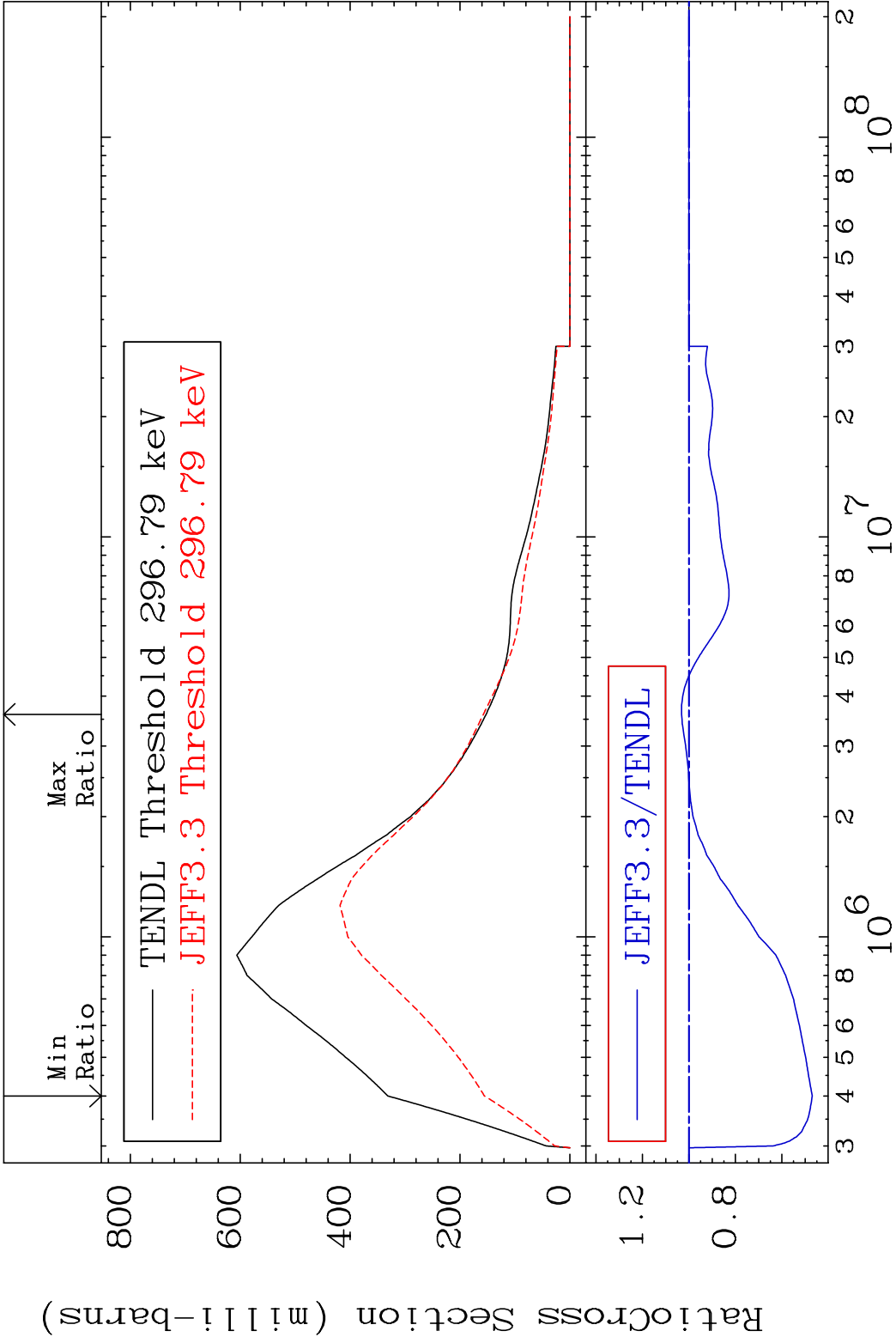
MAT 6246

MT= 64 (n,n') Level

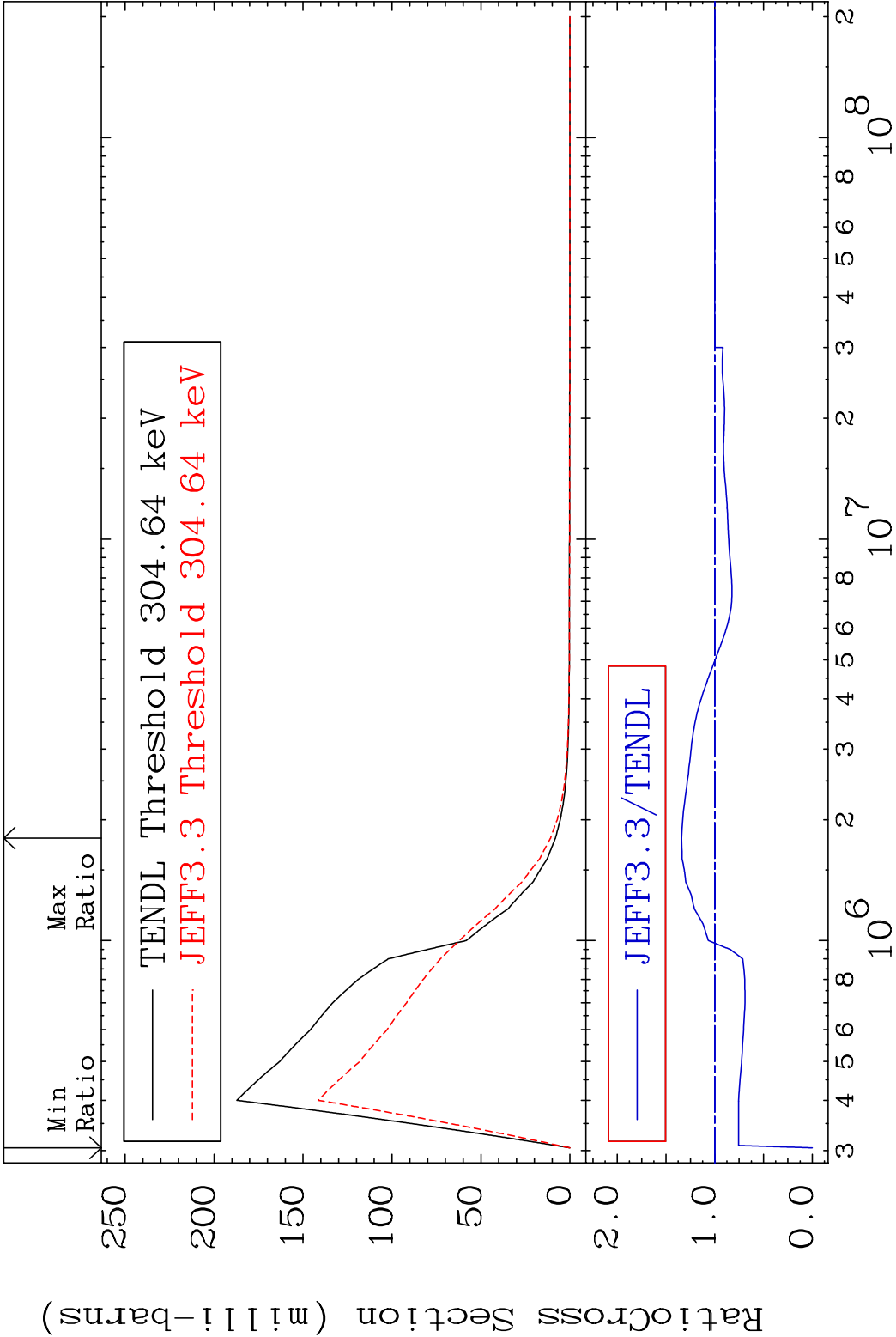
62-Sm-151

Cross Section

-53.06 To 3.194 %



MAT 6246 MT= 65 (n,n') Level 62-Sm-151
 Cross Section -100.0 To 34.09 %

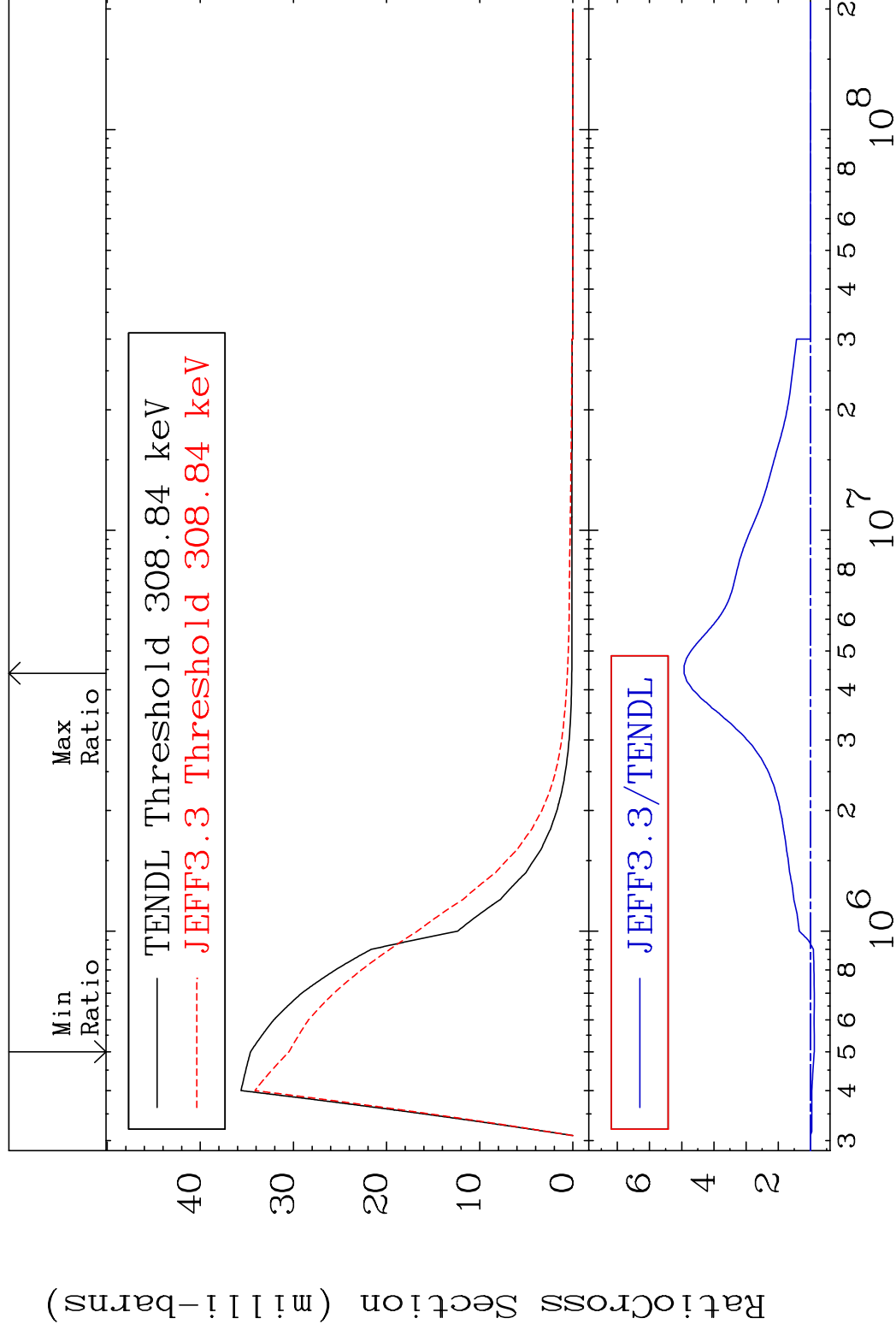


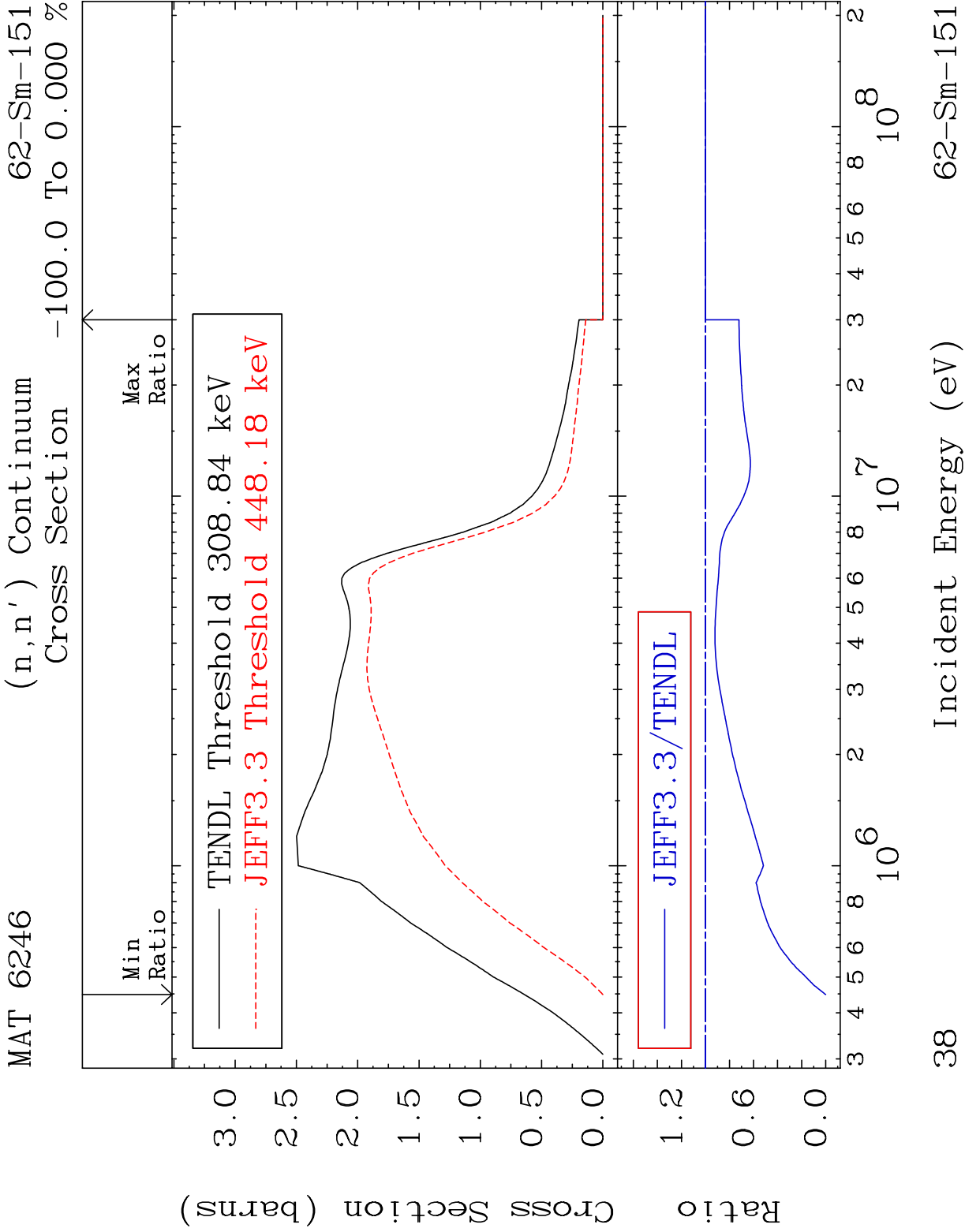
MAT 6246

MT= 66 (n, n') Level

62-Sm-151

Cross Section -11.93 To 392.7 %



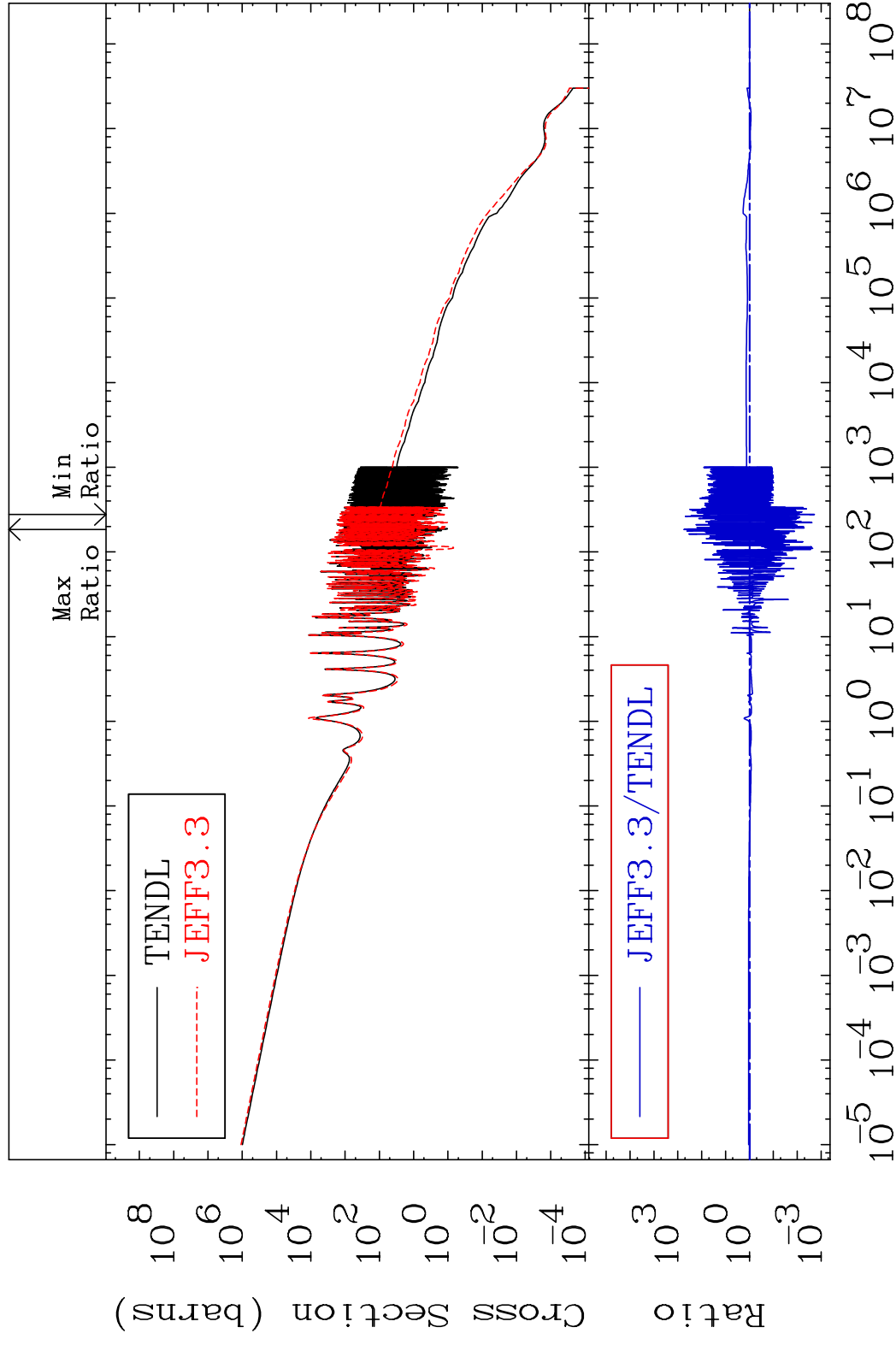


MAT 6246

 (n, γ)

62-Sm-151

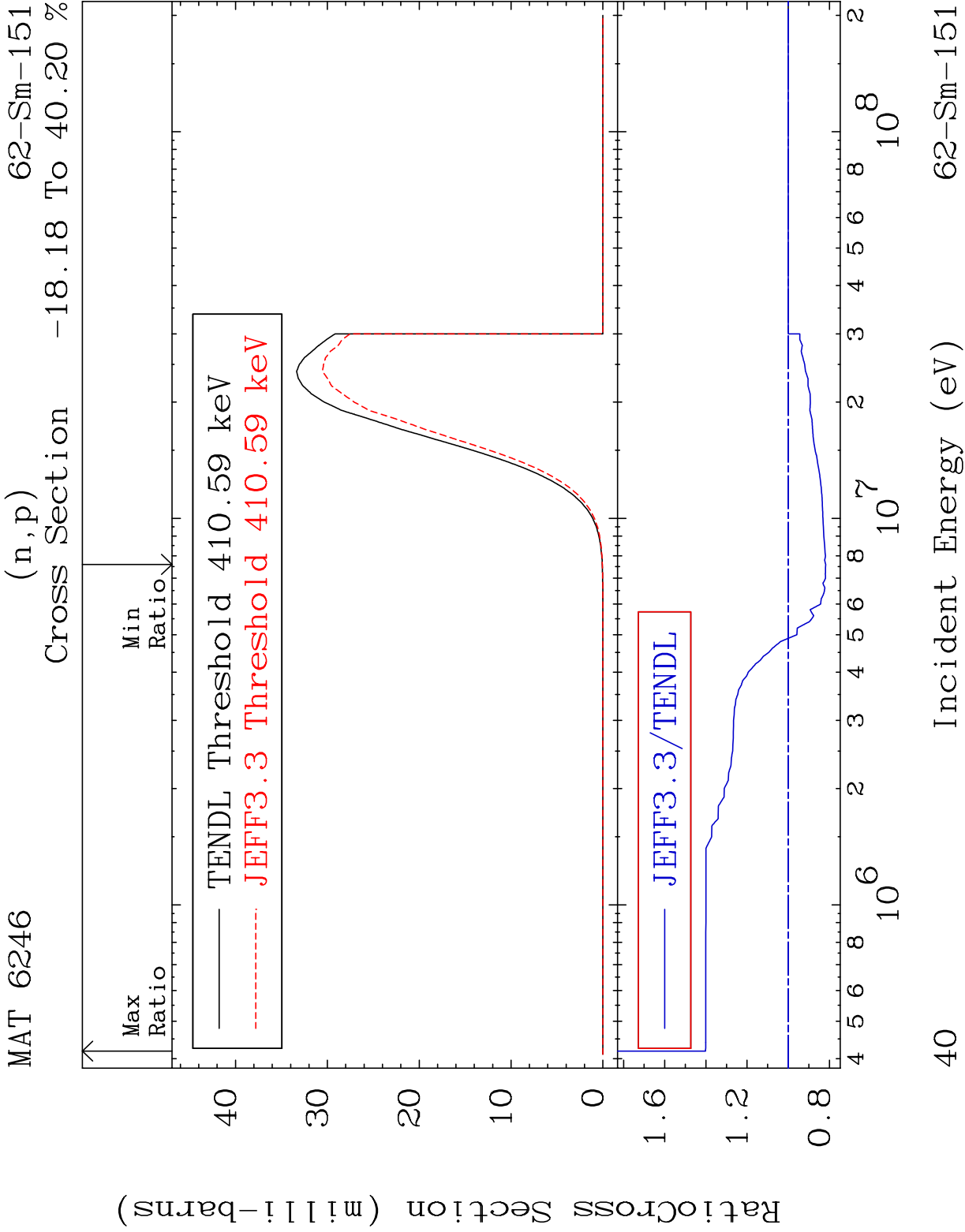
Cross Section -99.81 To 9999. %

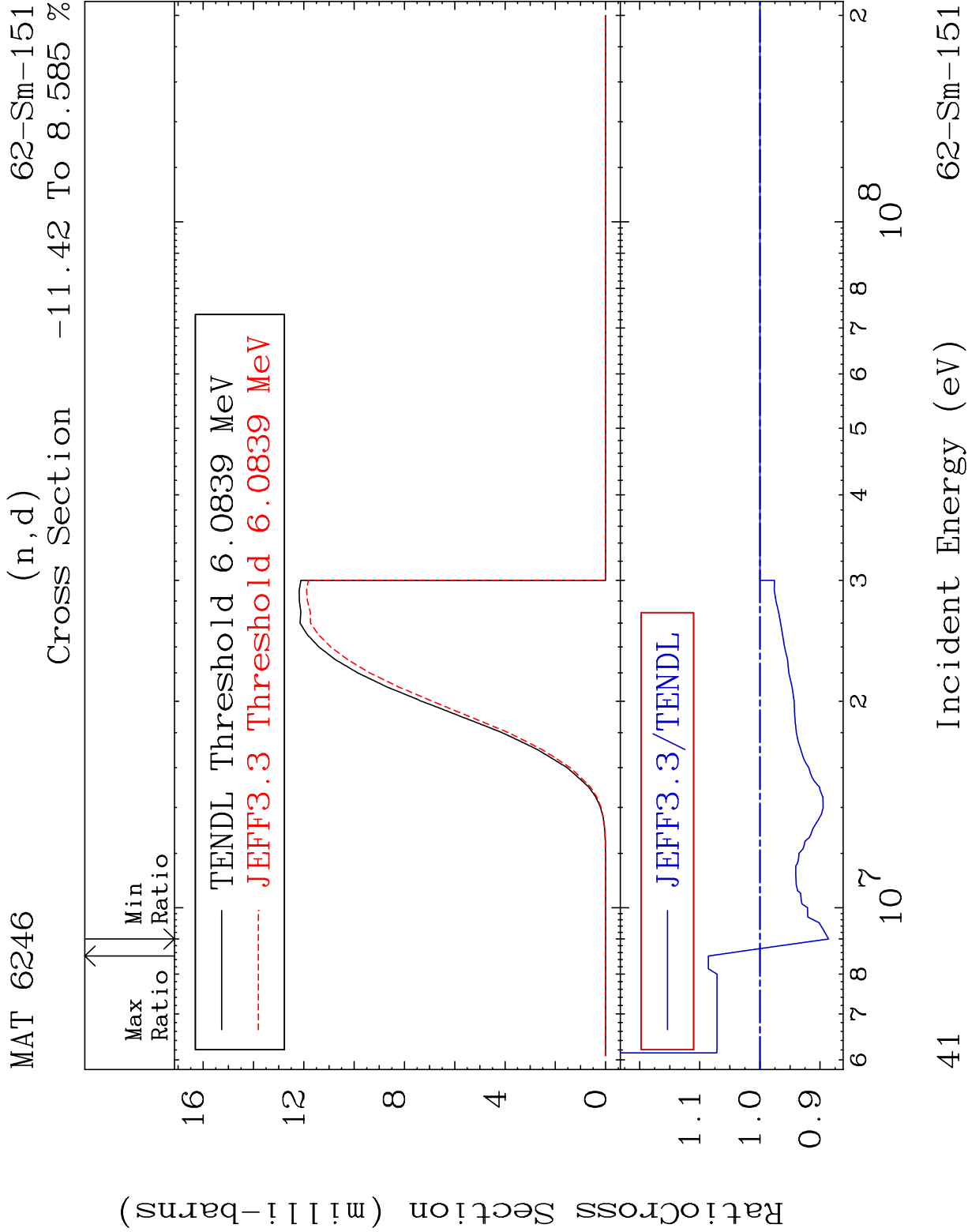


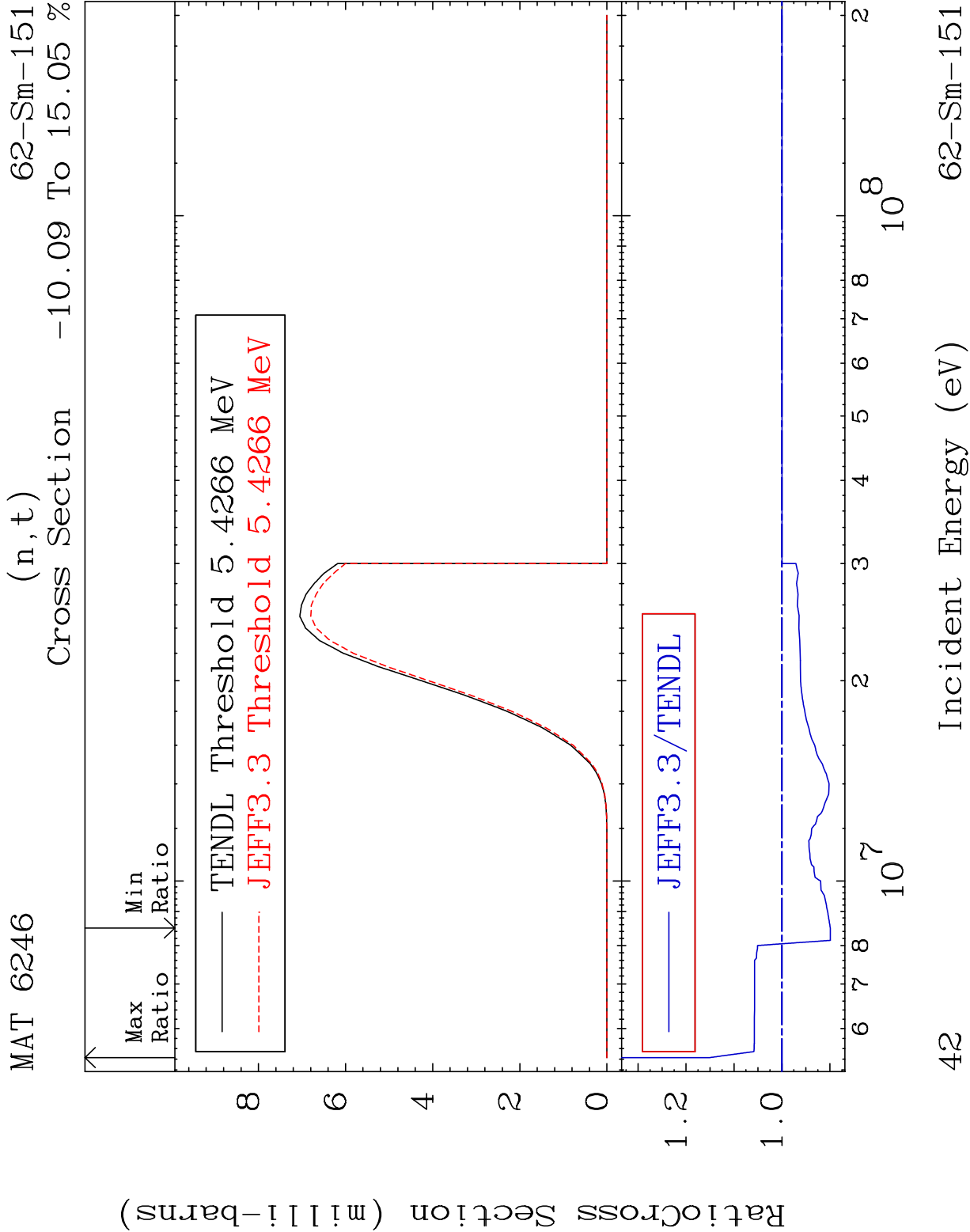
93

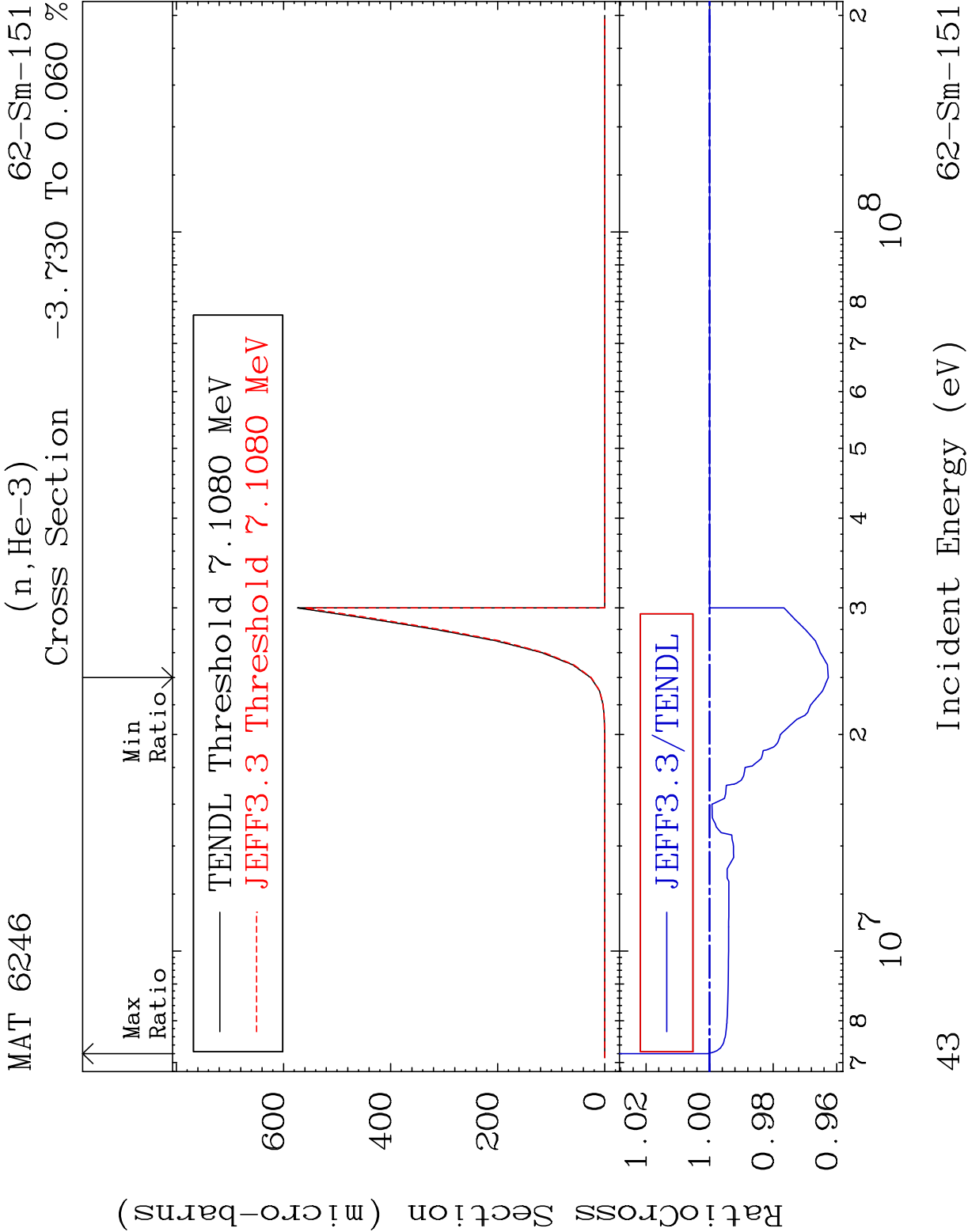
Incident Energy (eV)

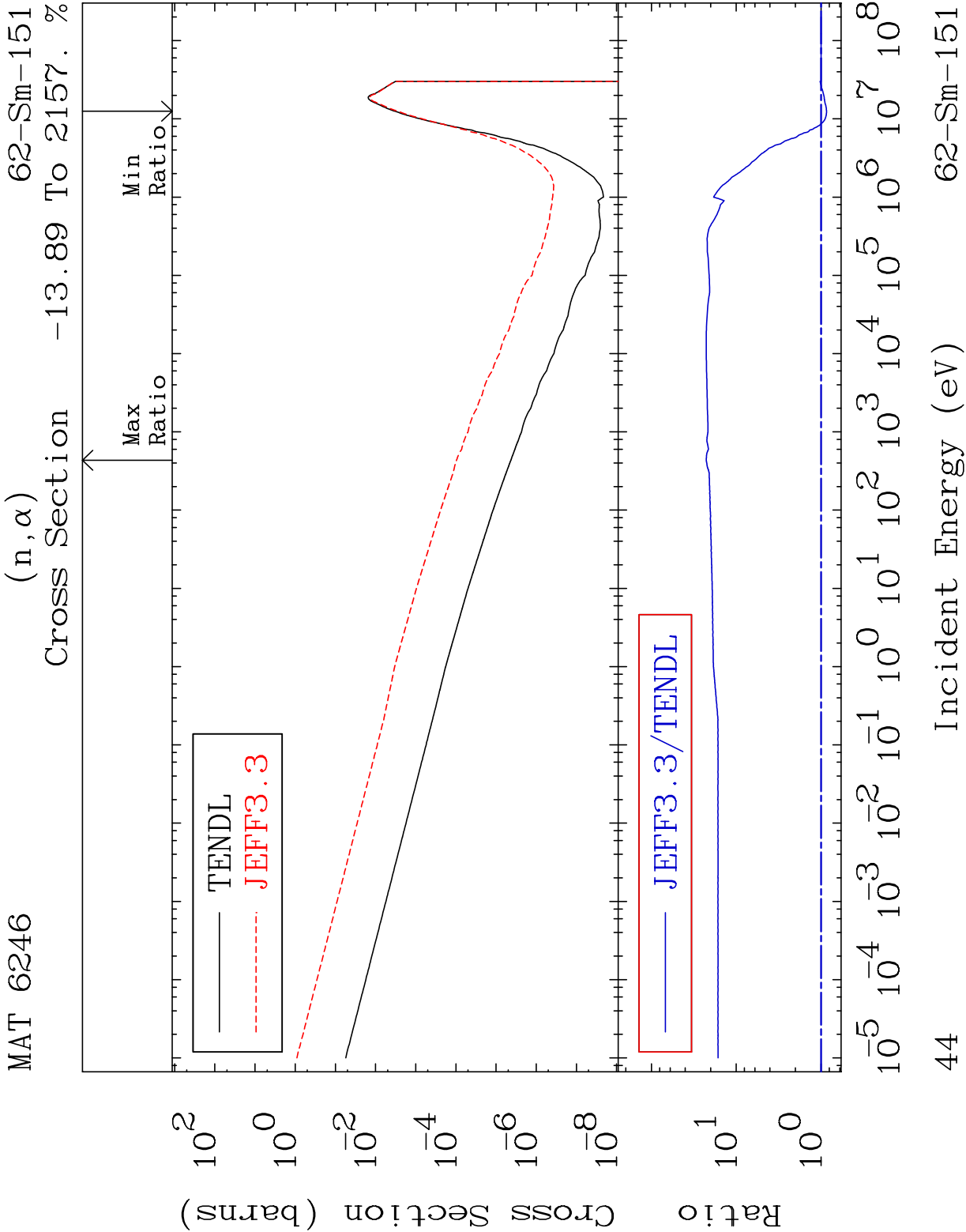
62-Sm-151

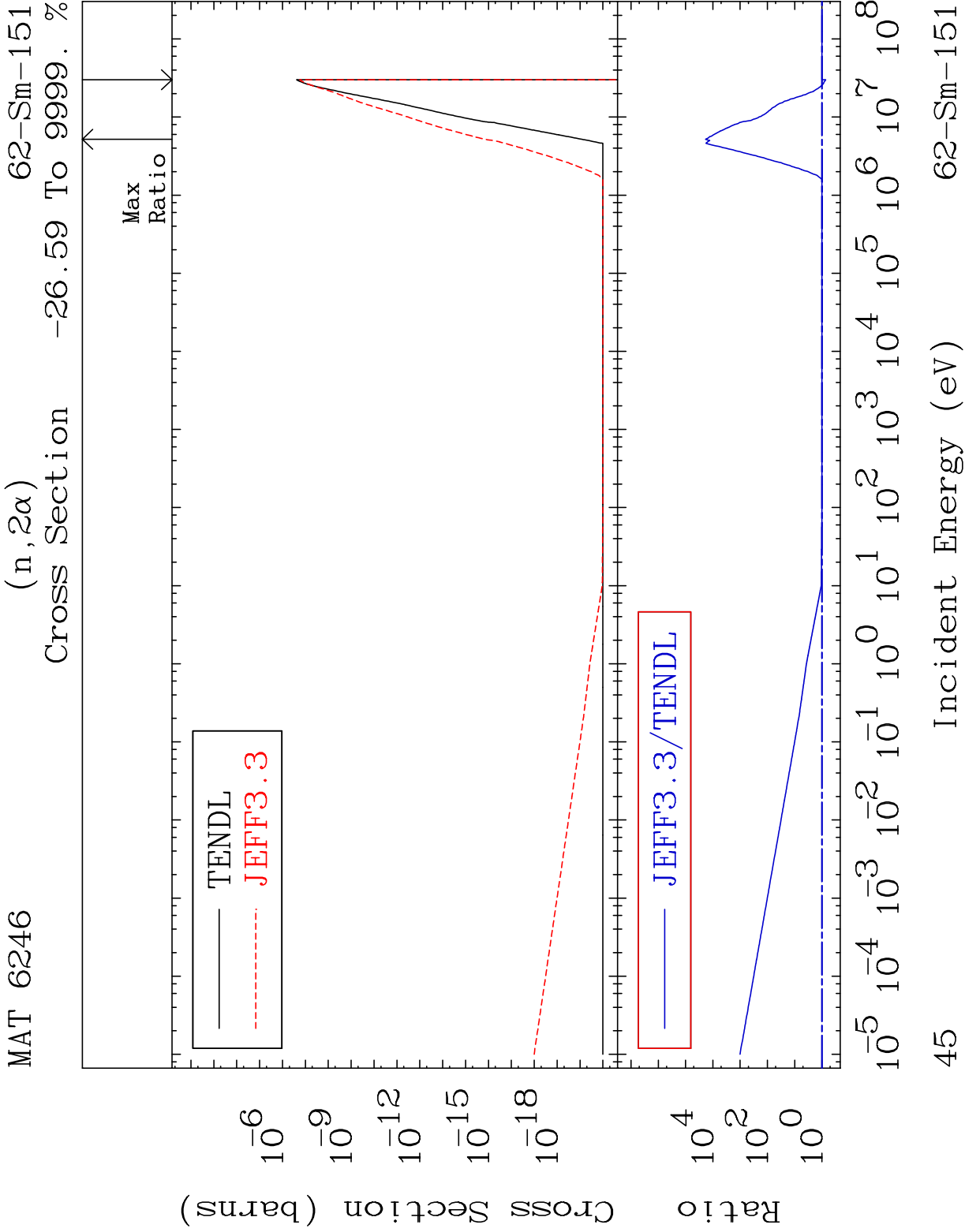


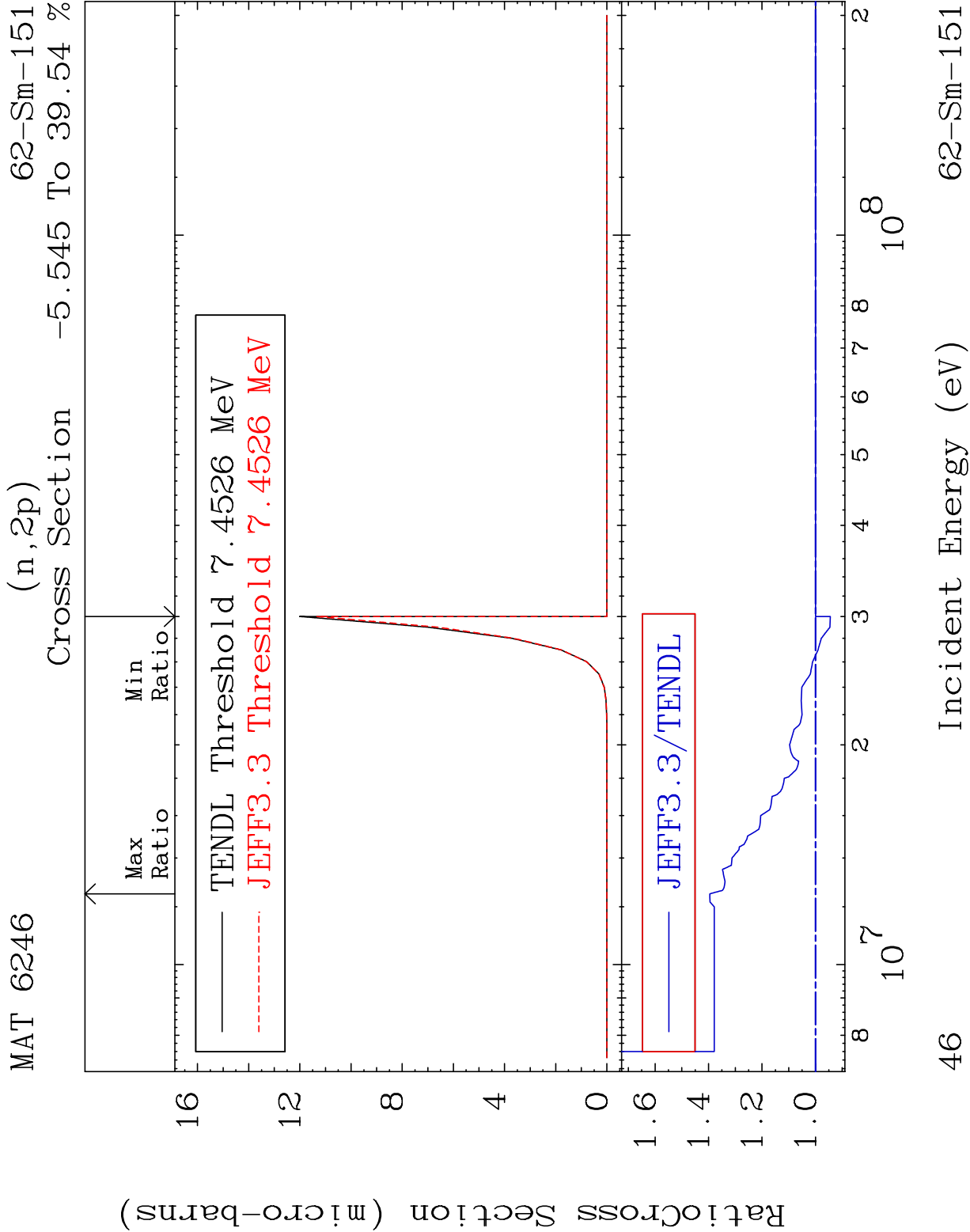










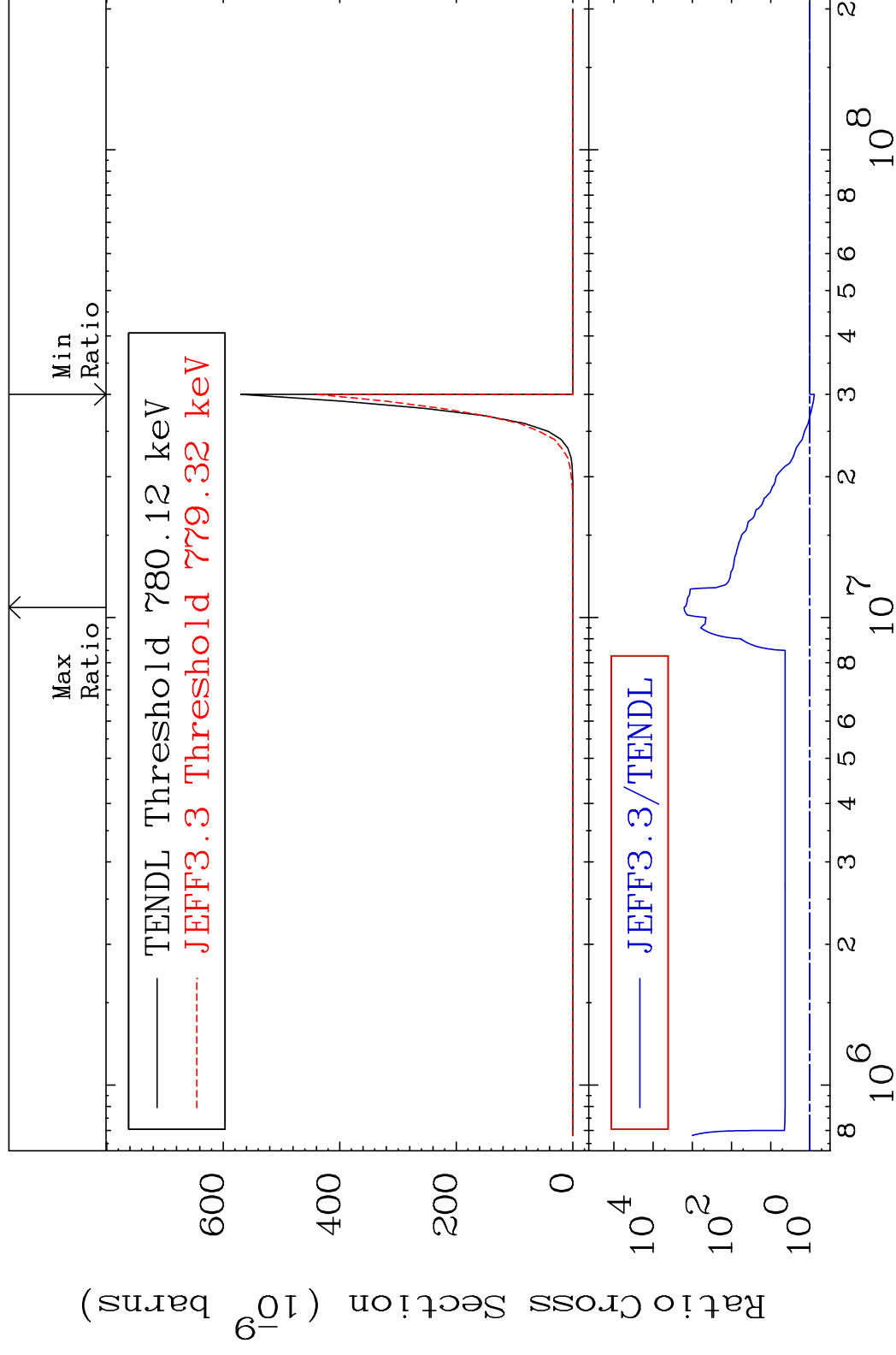


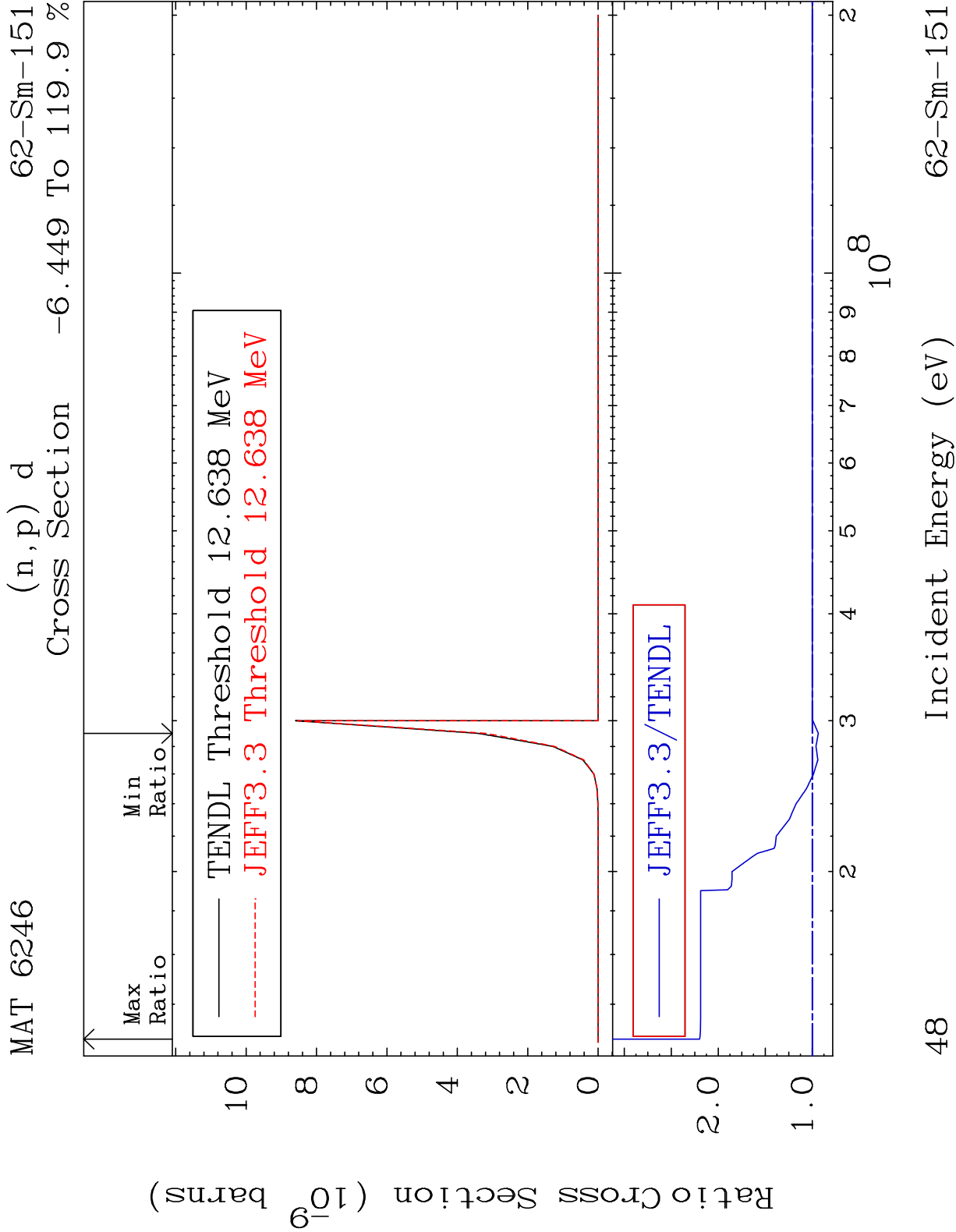
MAT 6246

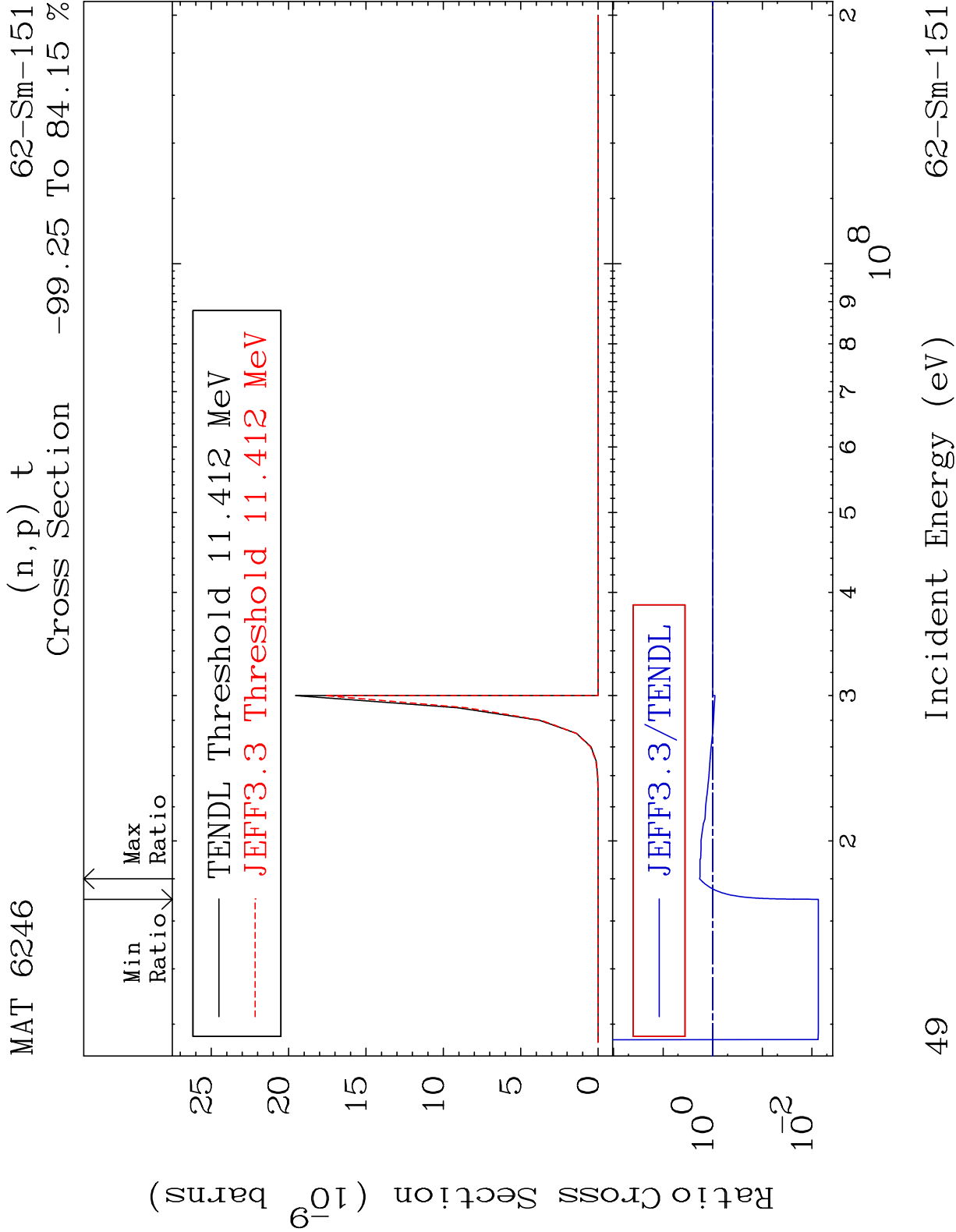
$$(n, p) \propto$$

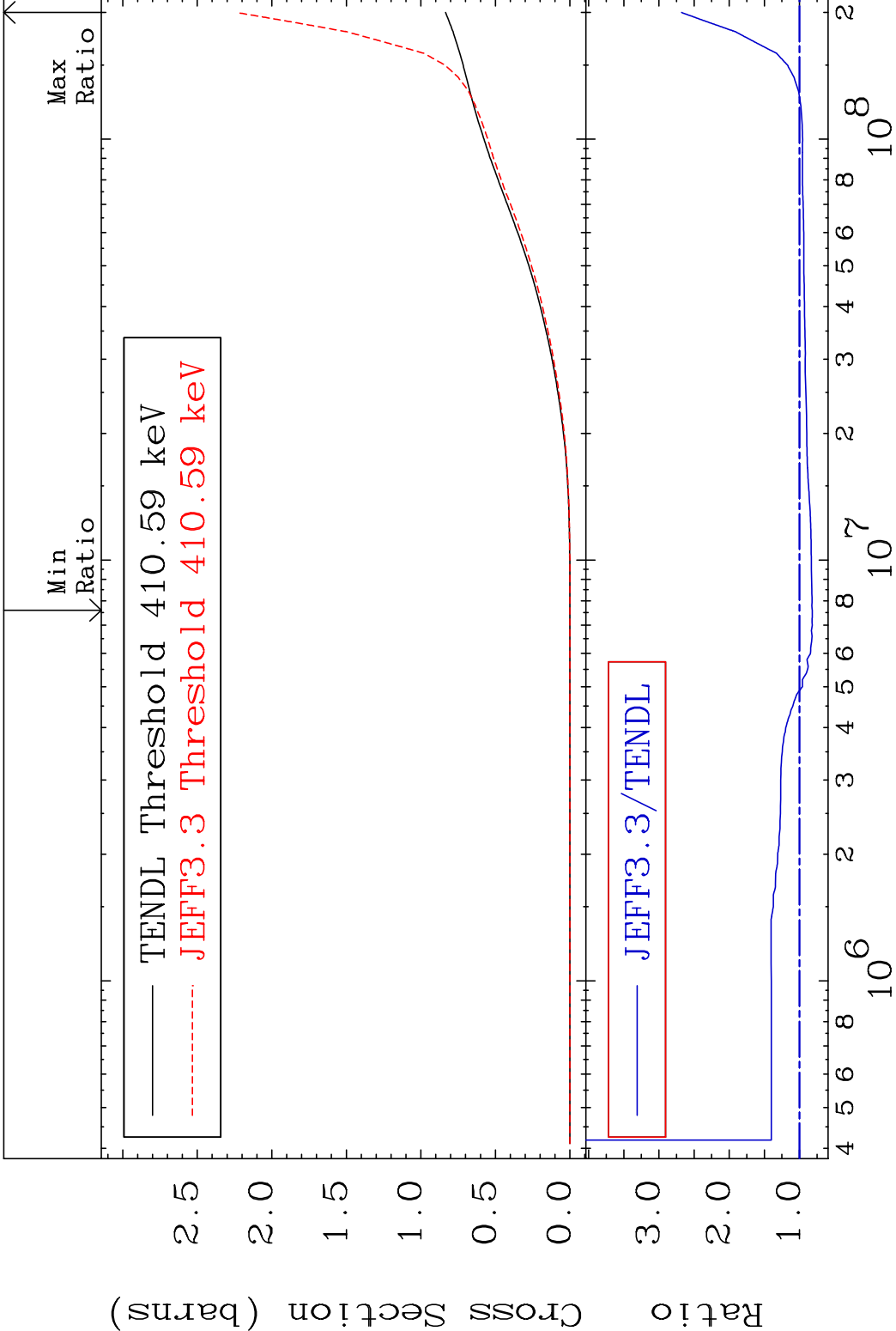
62-Sm-151

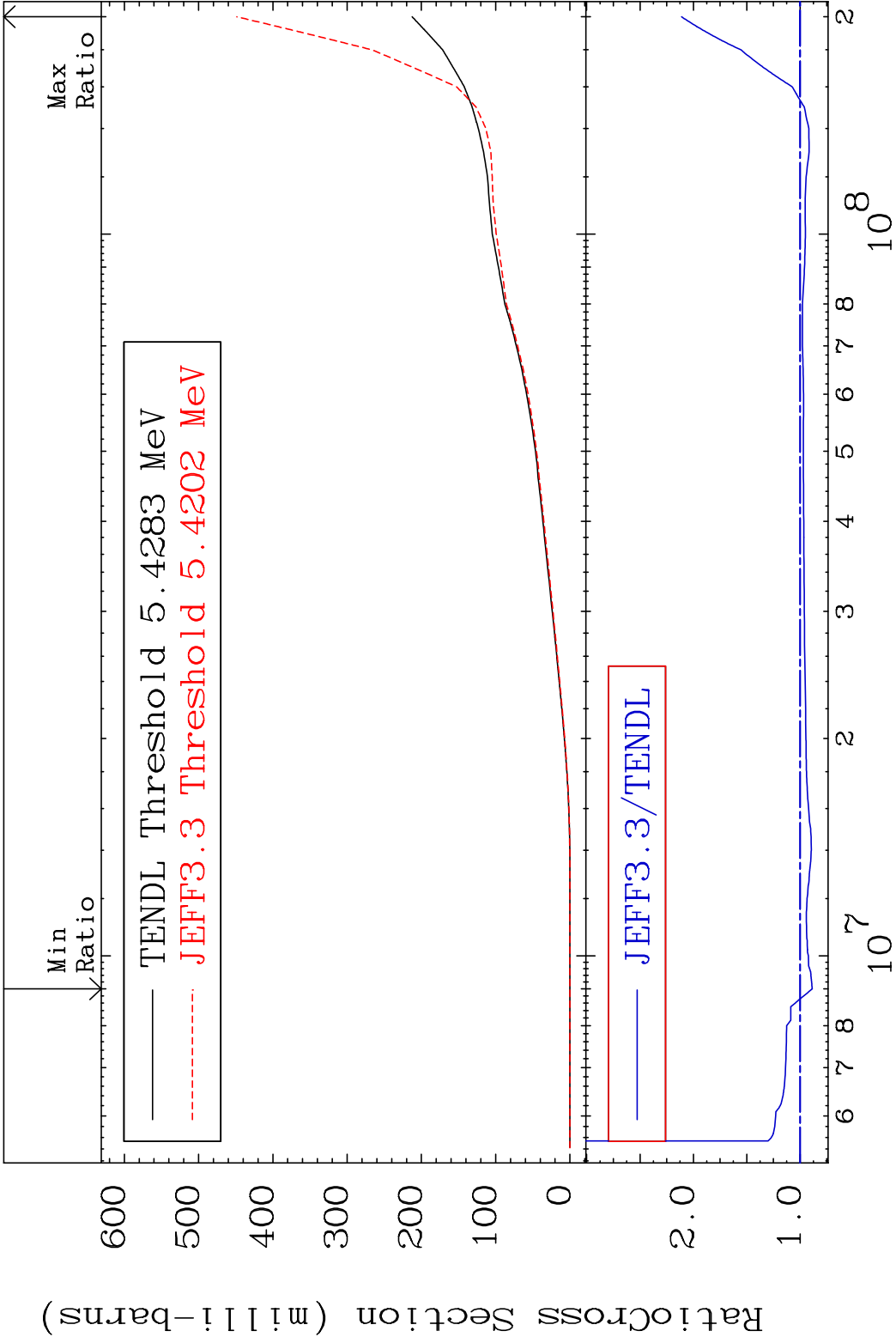
Cross Section -22.77 To 9999. %

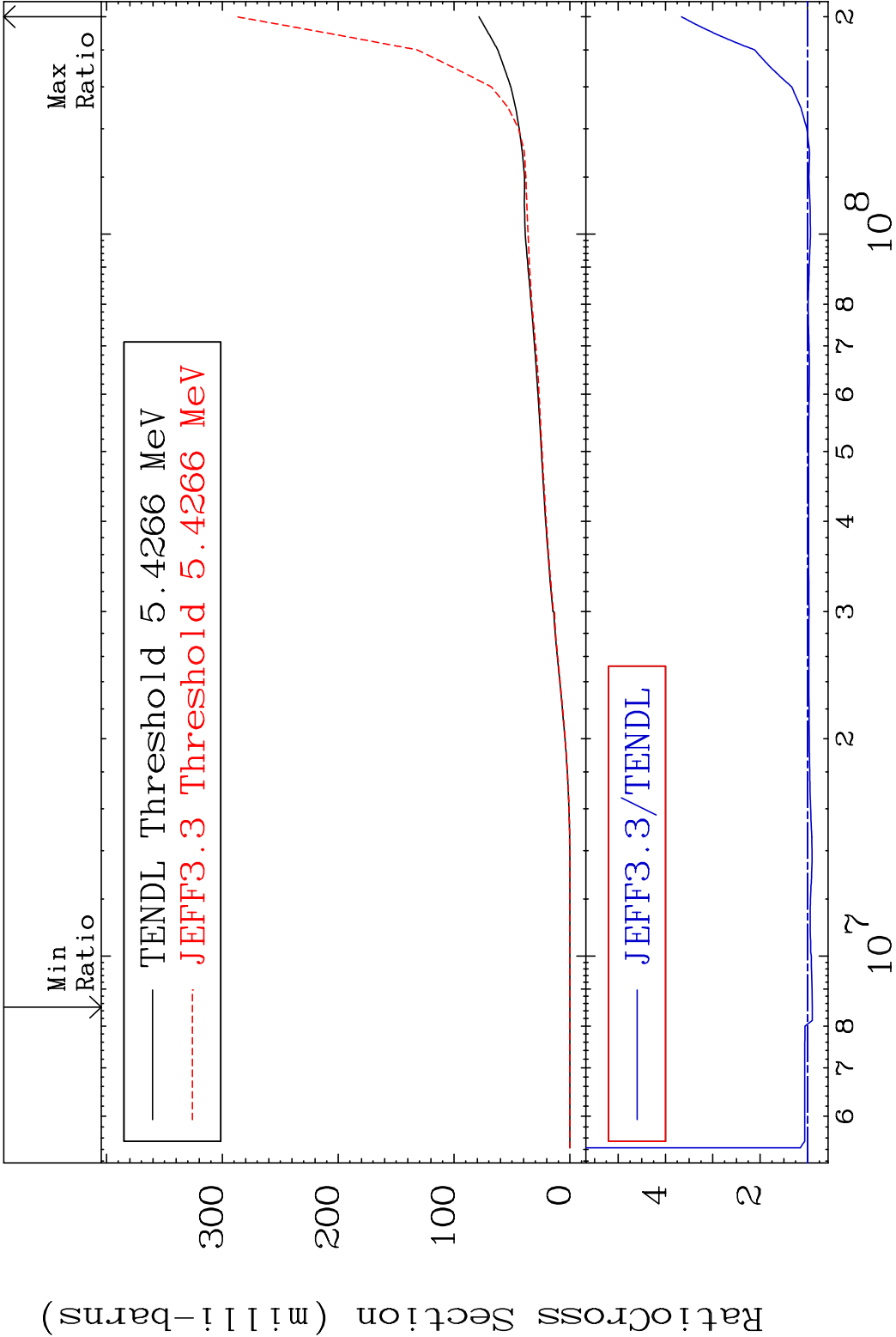


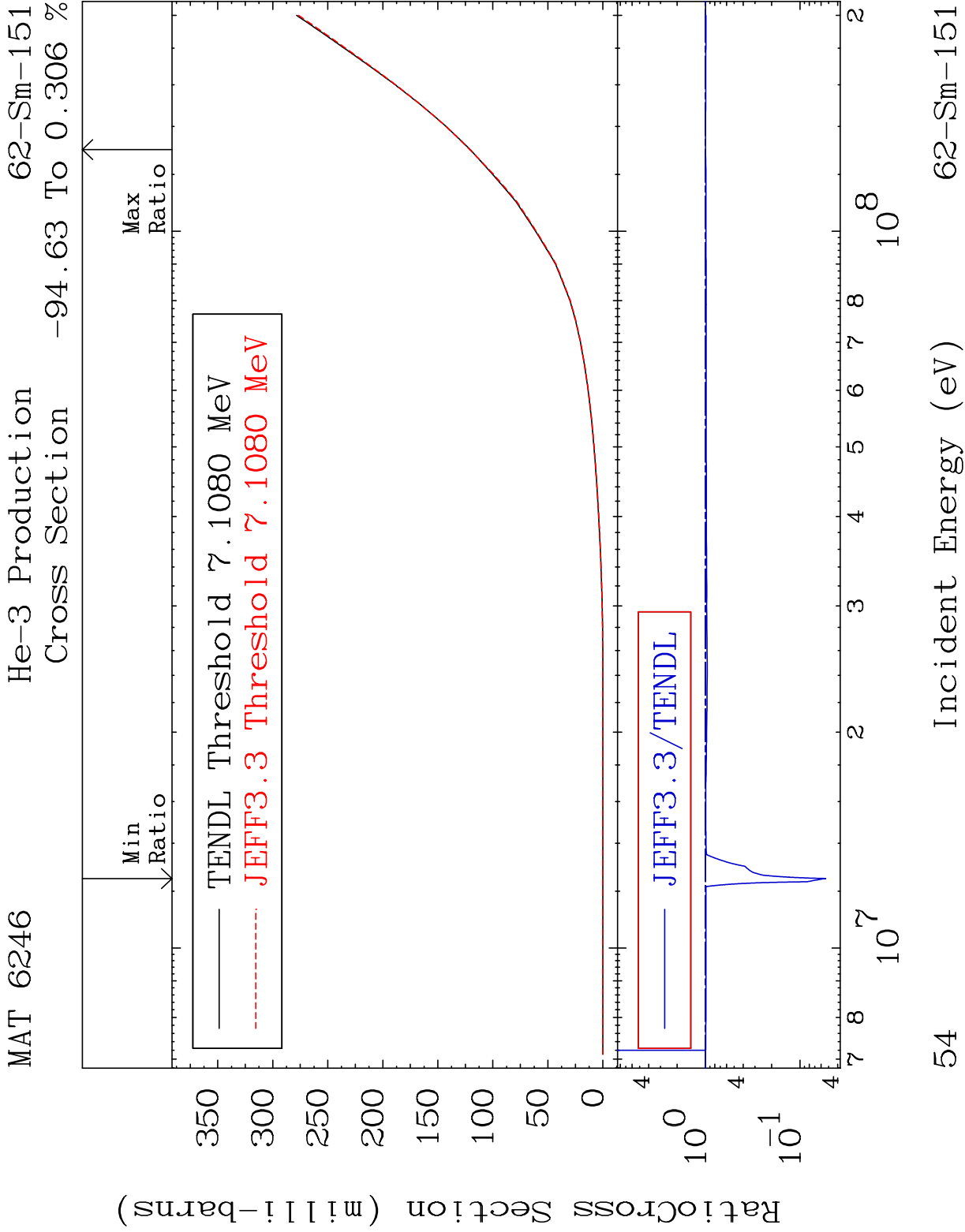


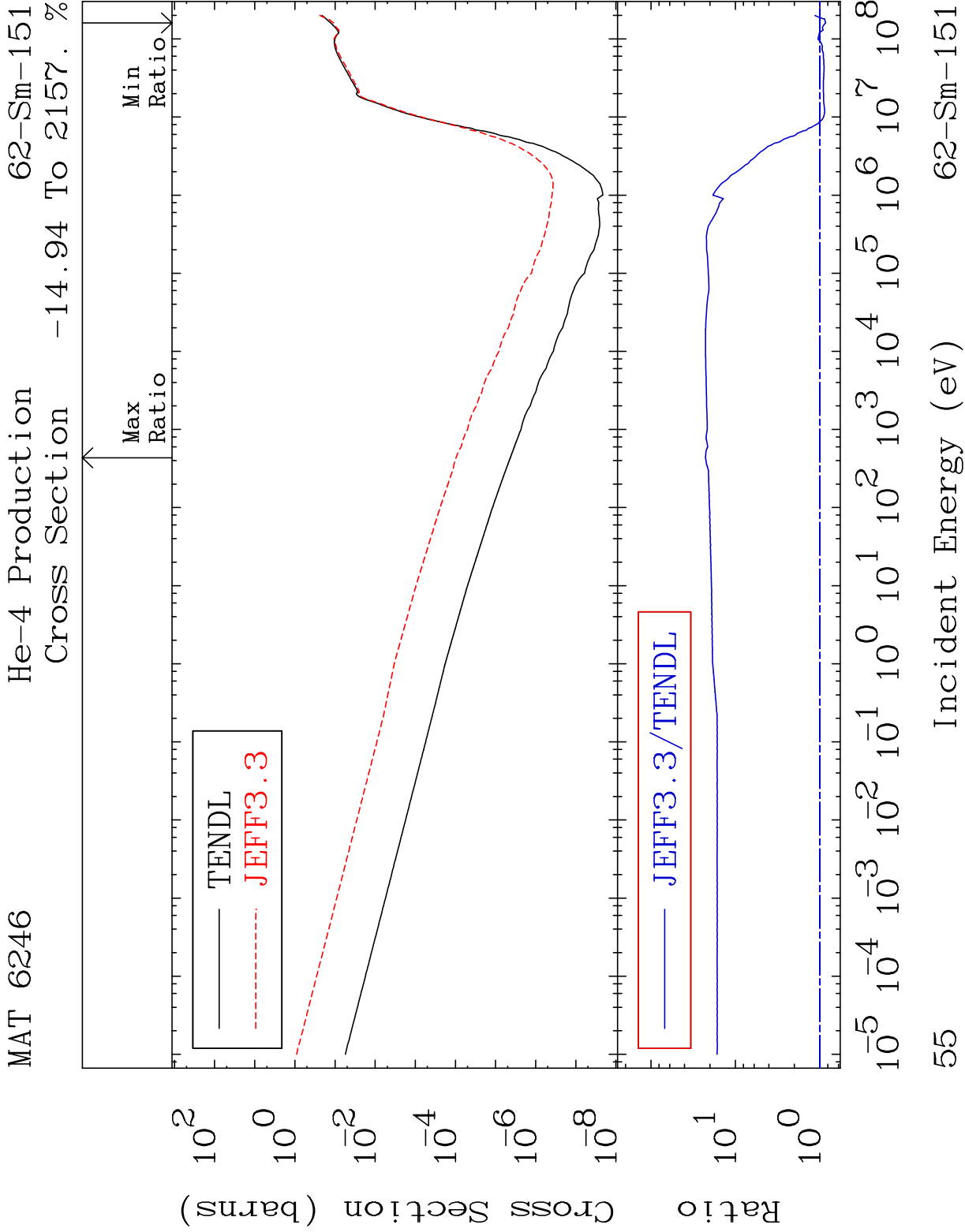












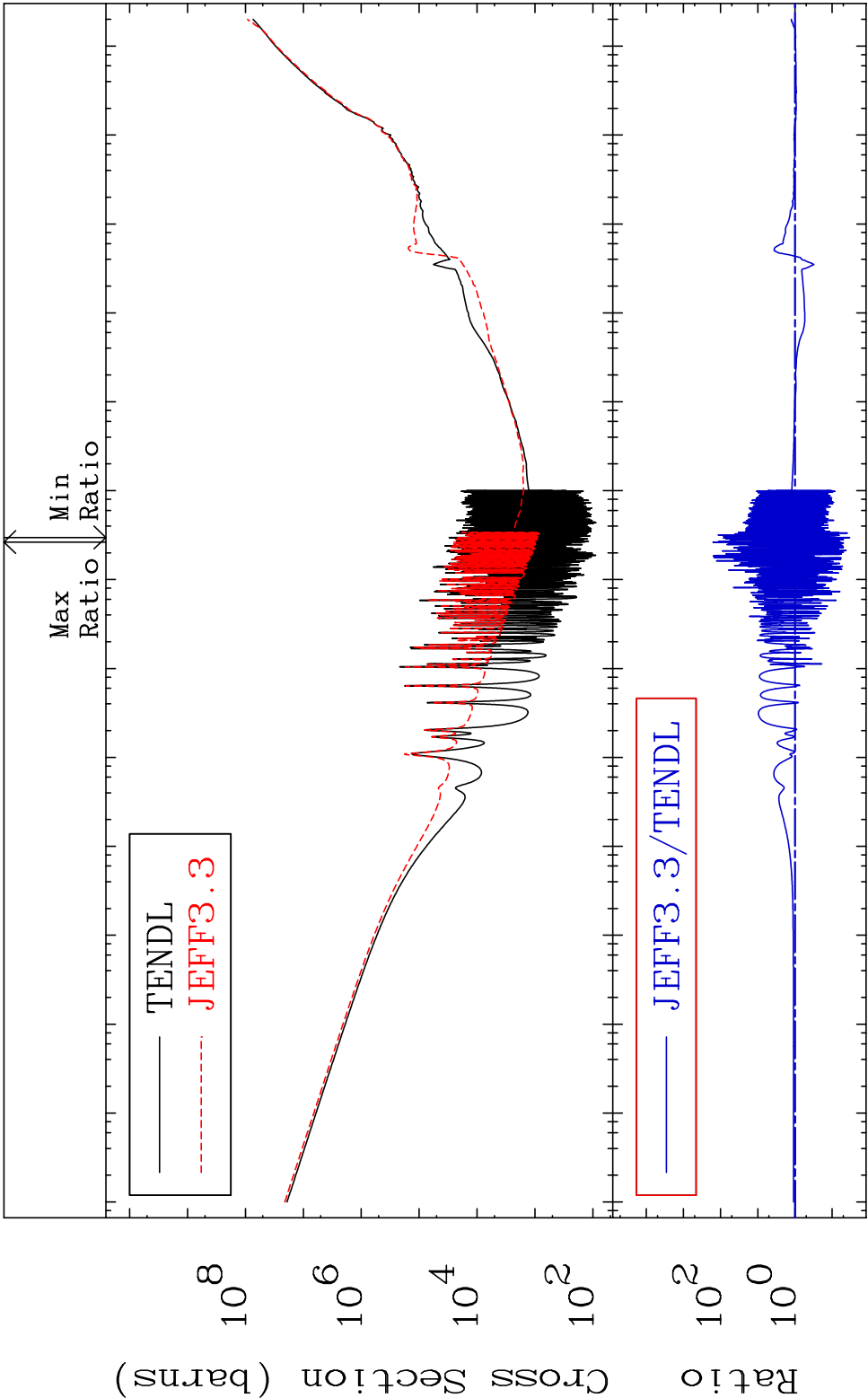
MAT 6246

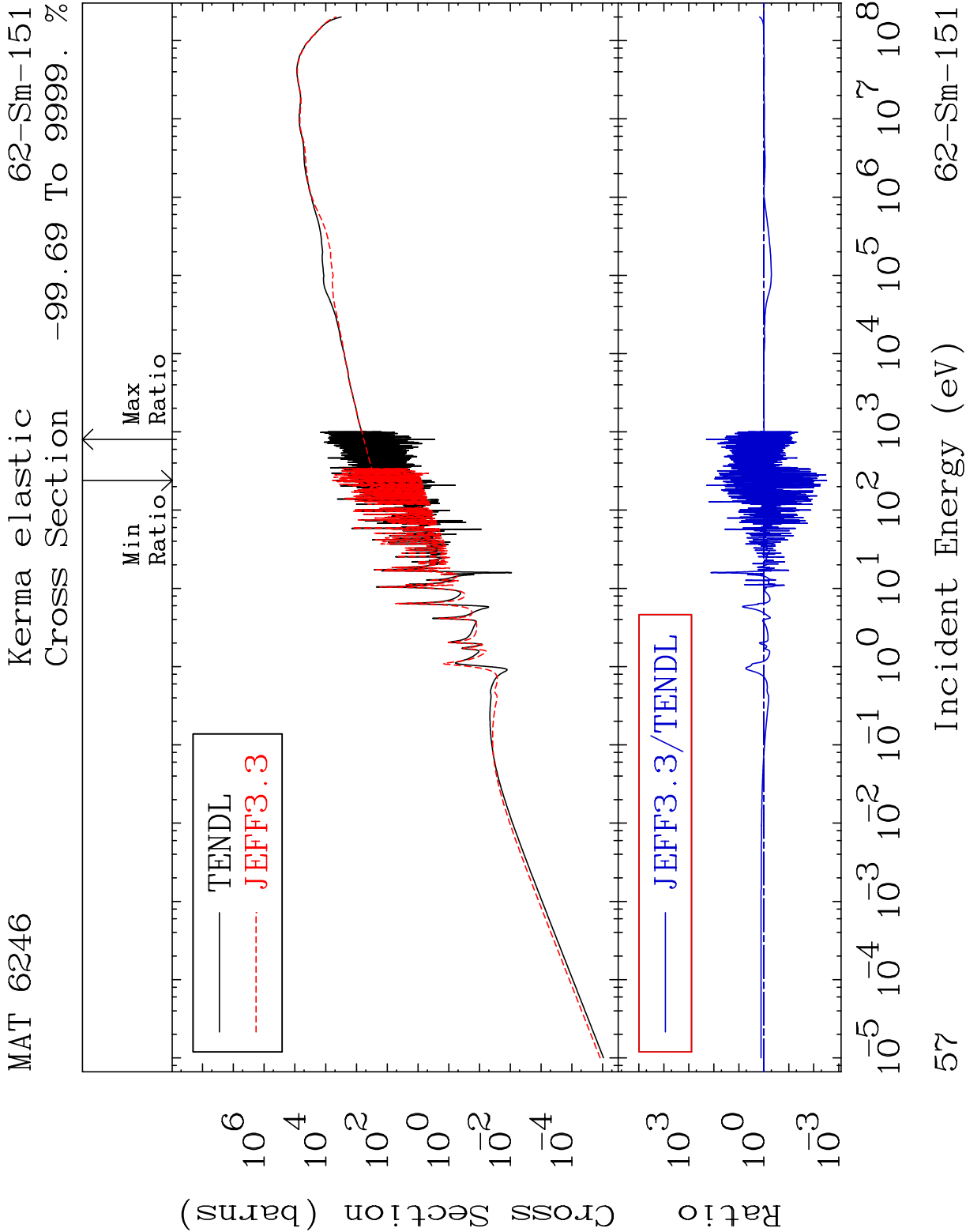
Kerma total (eV-barns)

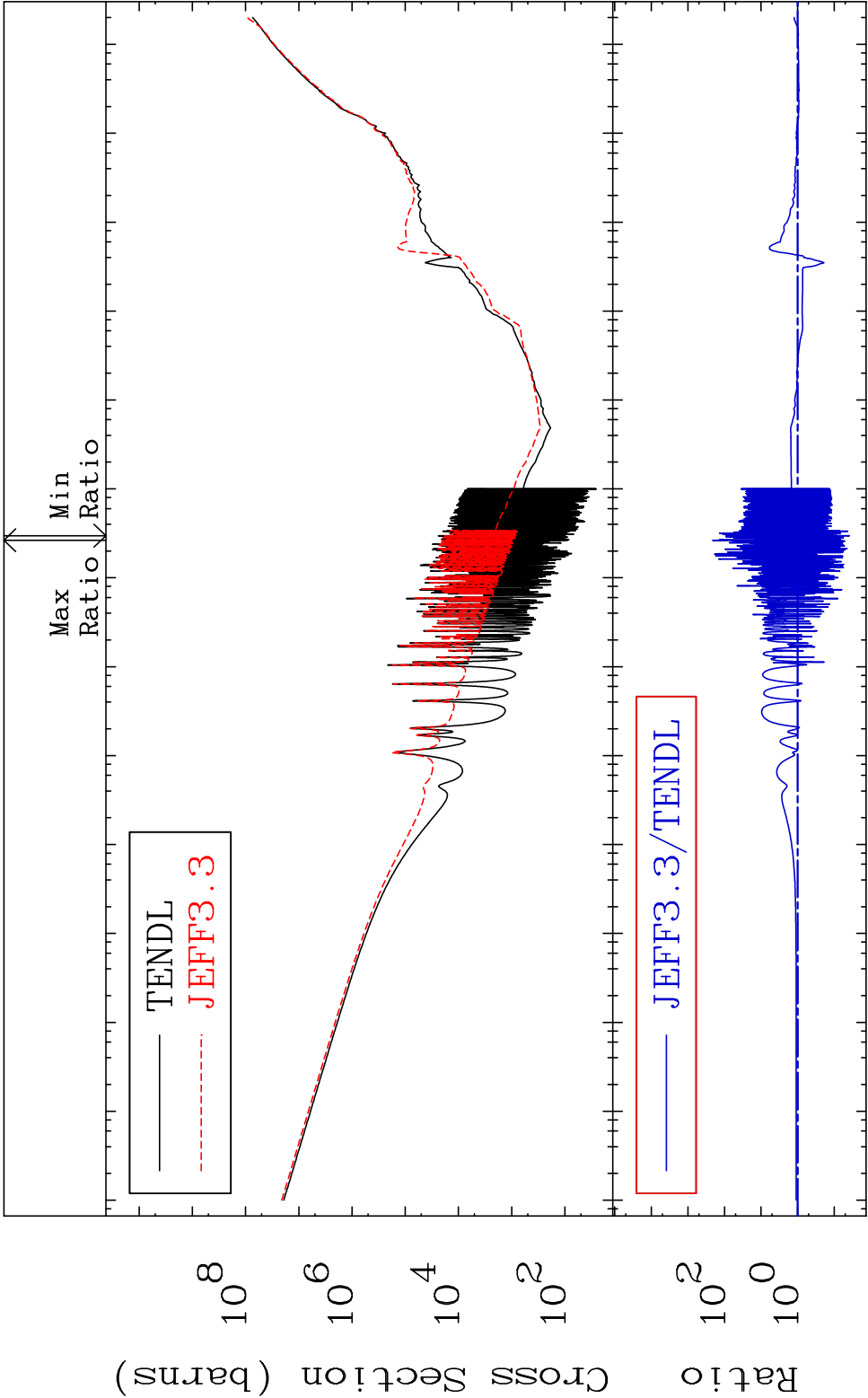
62-Sm-151

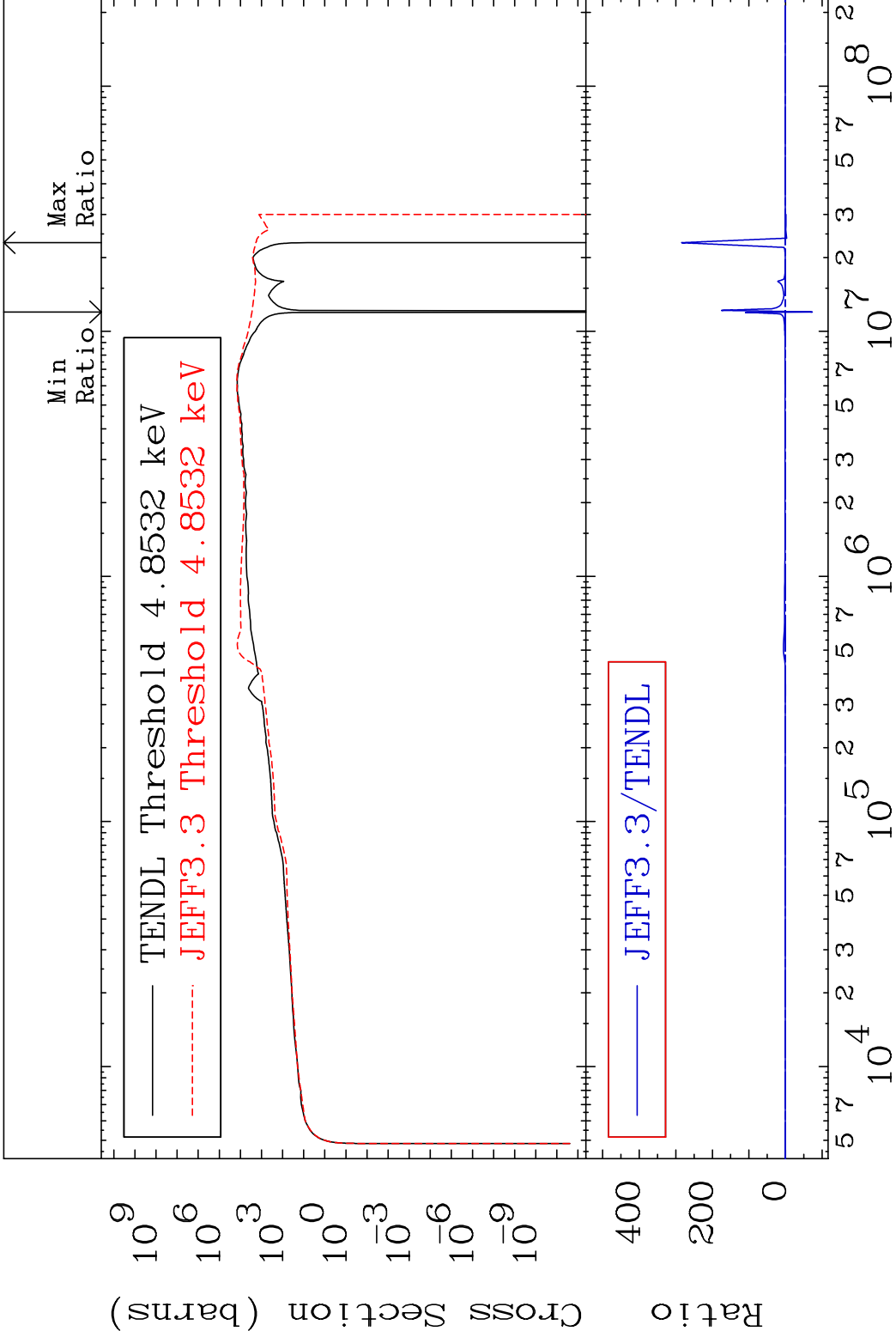
Cross Section

-96.59 To 9999. %

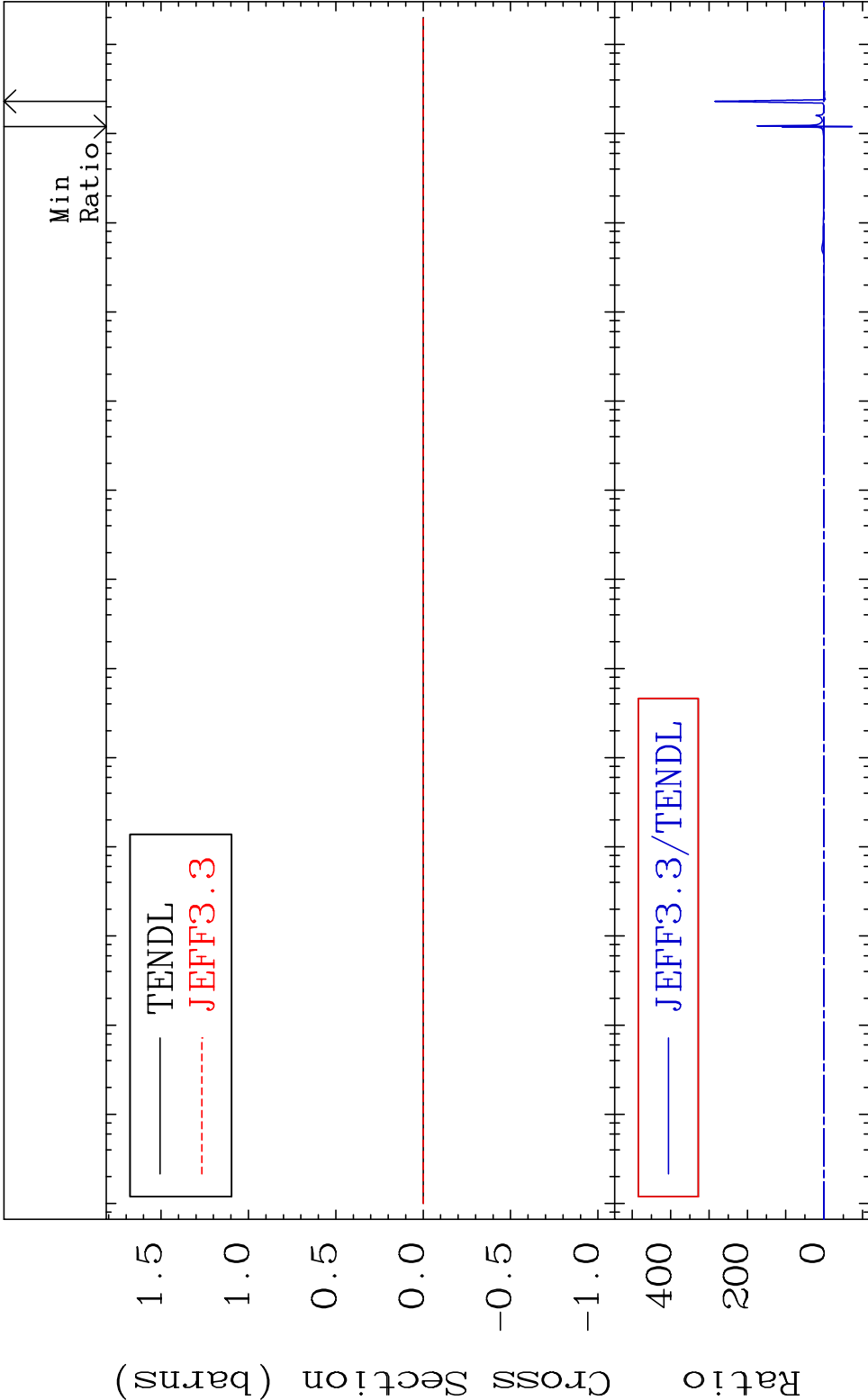








MAT 6246 Kerma fission (mt18 or mt19-20-21-38) 62-Sm-151
Cross Section -7398. To 9999. %



60 Incident Energy (eV) 62-Sm-151

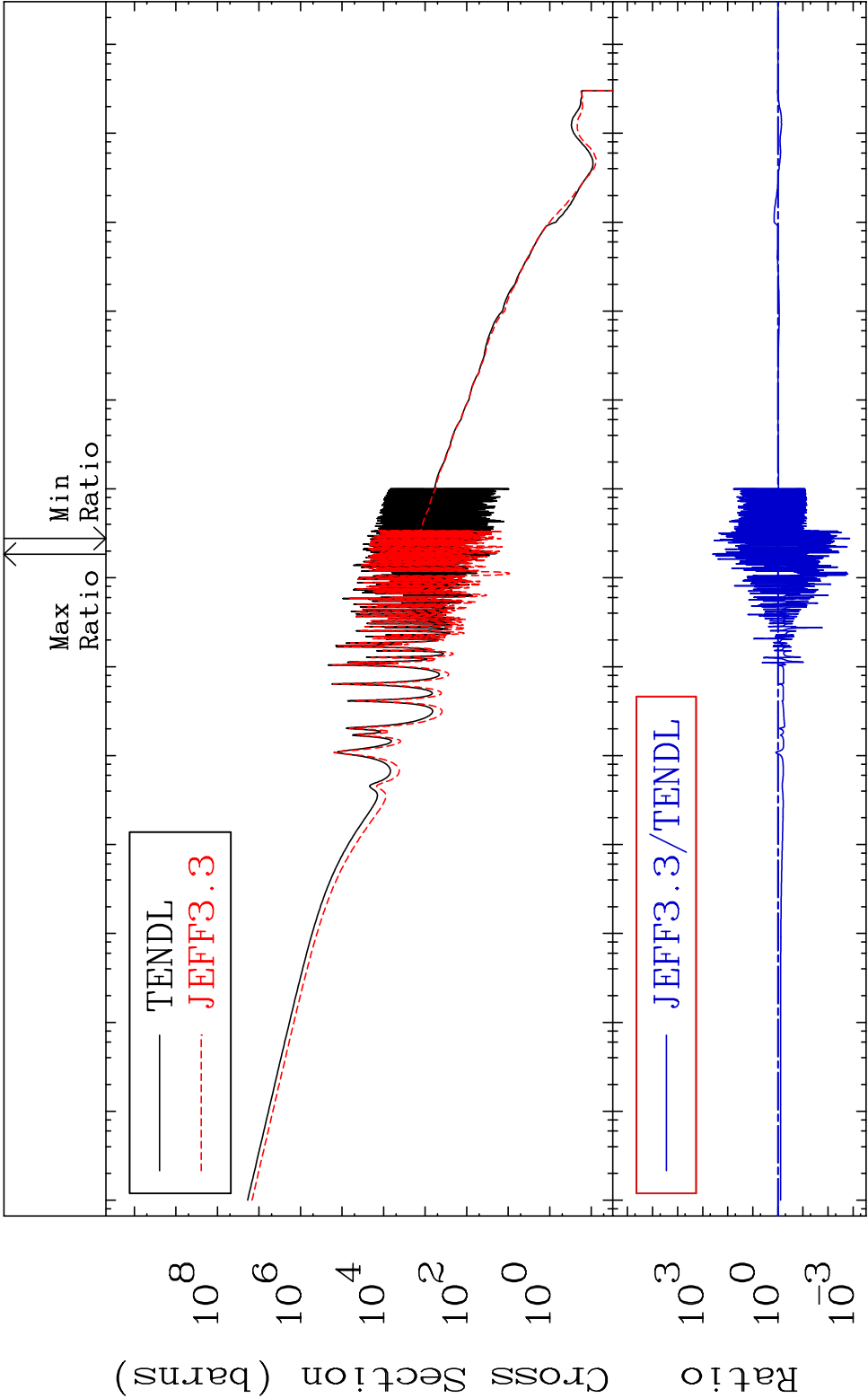
MAT 6246

Kerma capture (mt102)

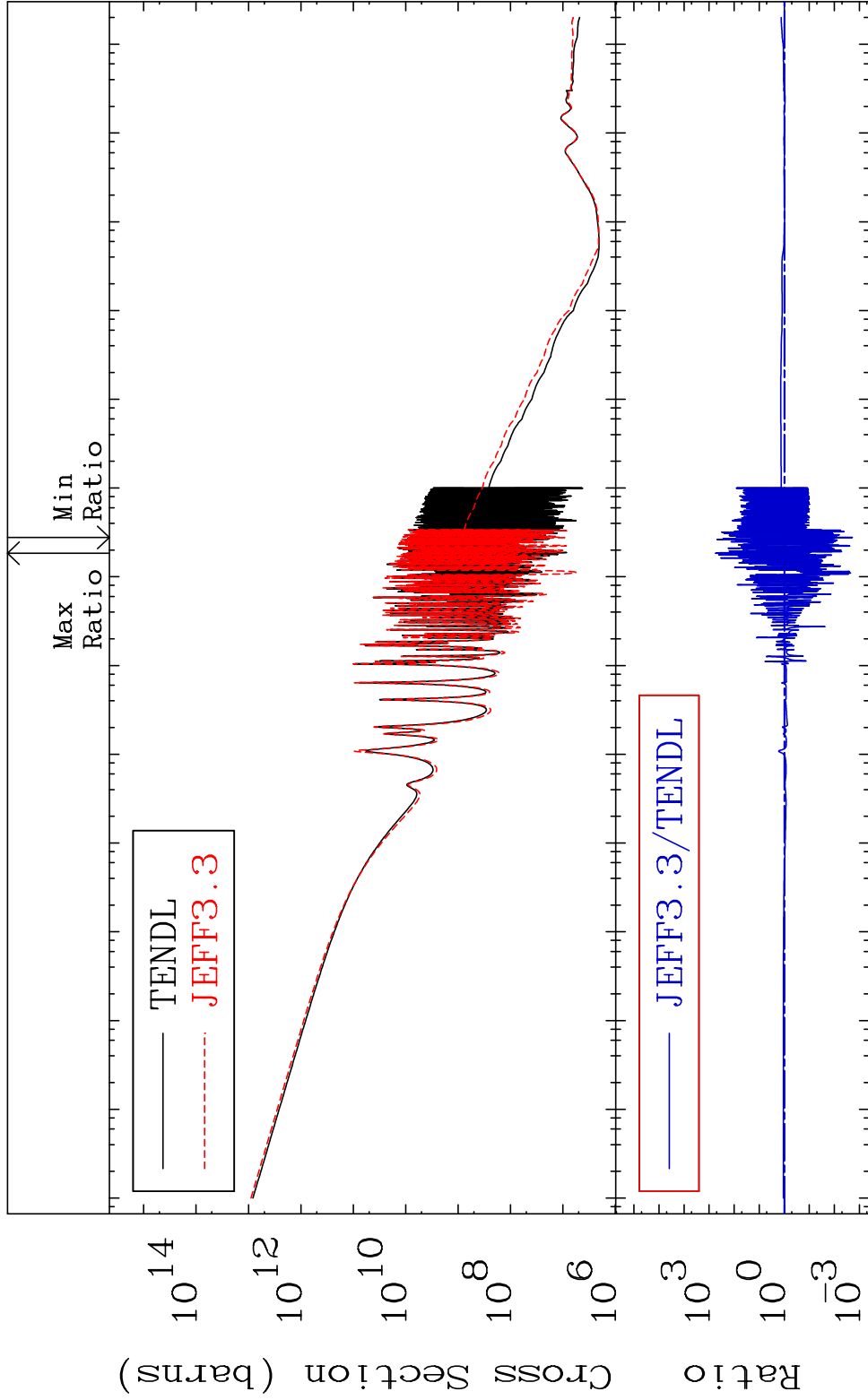
62-Sm-151

Cross Section

-99.86 To 9999. %

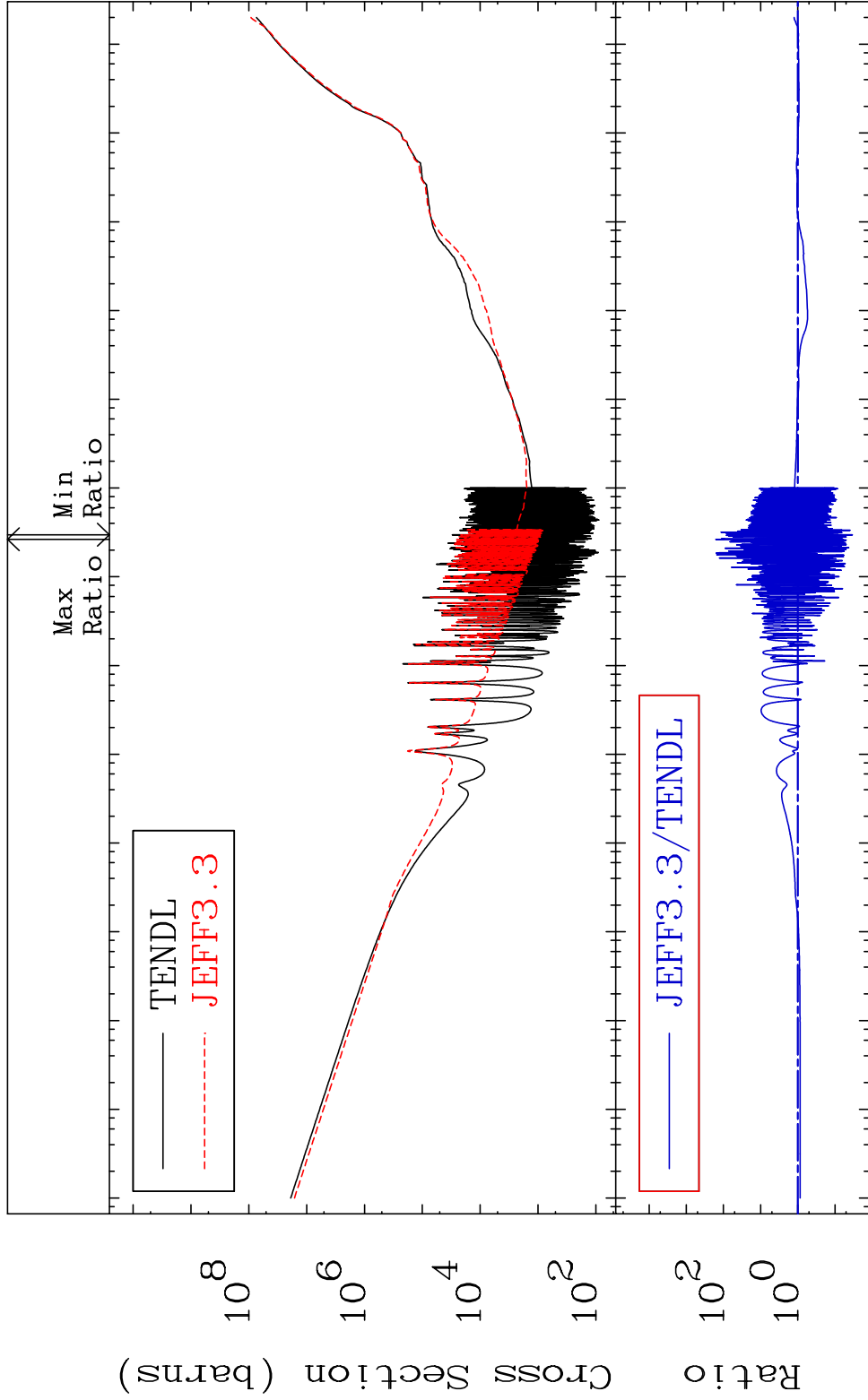


MAT 6246 Total photon (eV-barns) 62-Sm-151
Cross Section -99.81 To 9999. %

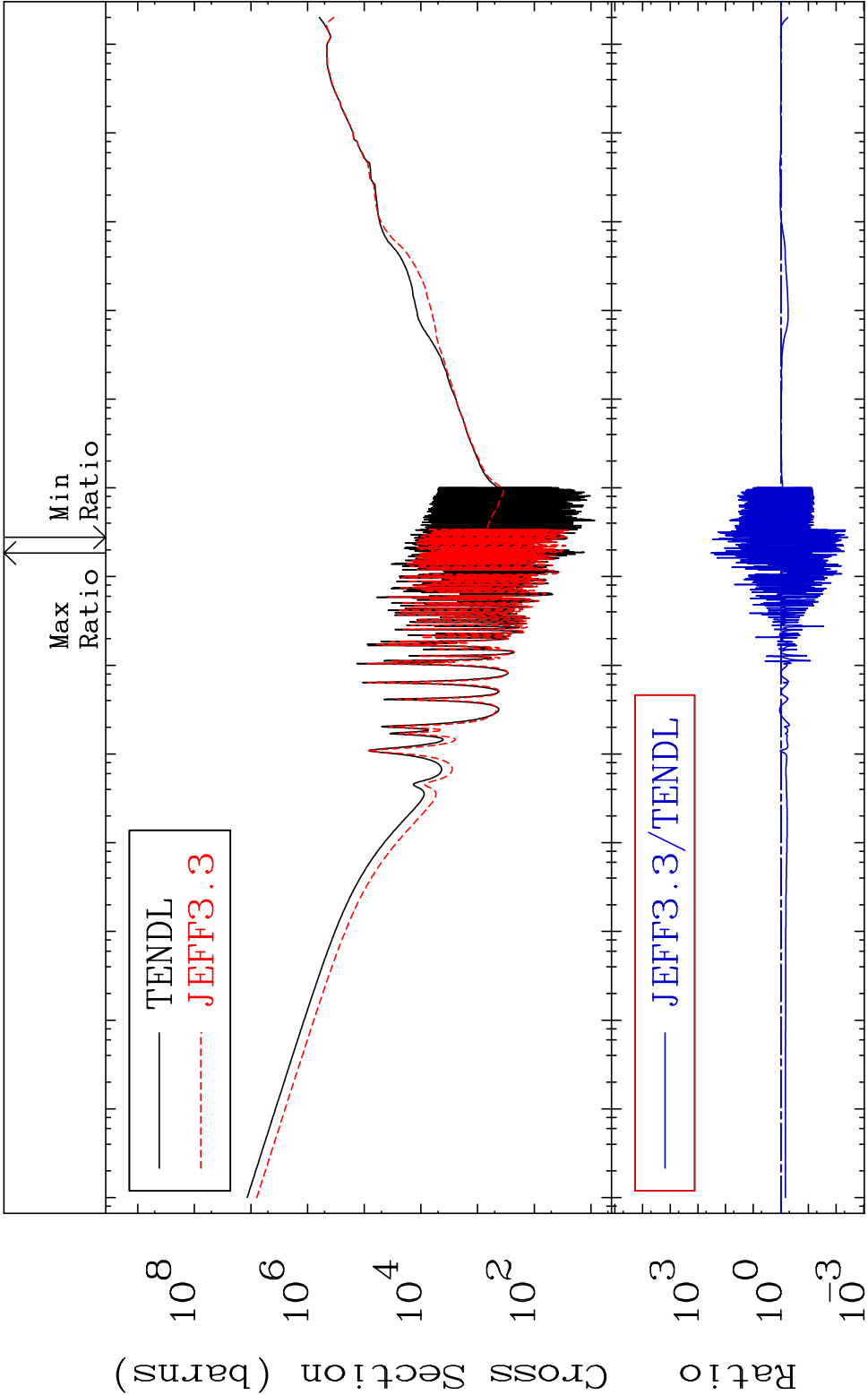


62 Incident Energy (eV) 62-Sm-151

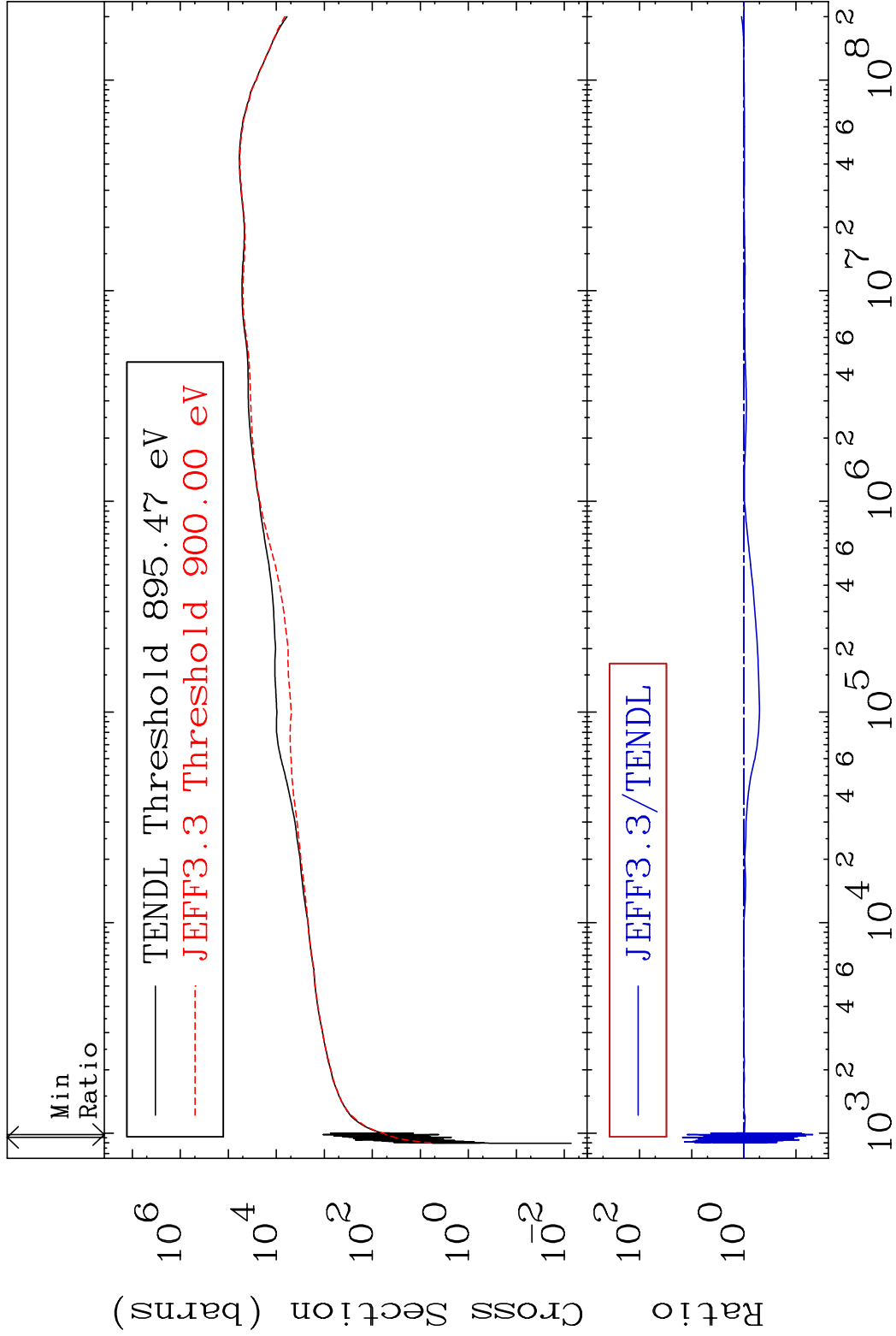
MAT 6246 Total kinematic kerma (high limit) 62-Sm-151
Cross Section -96.57 To 9999. %



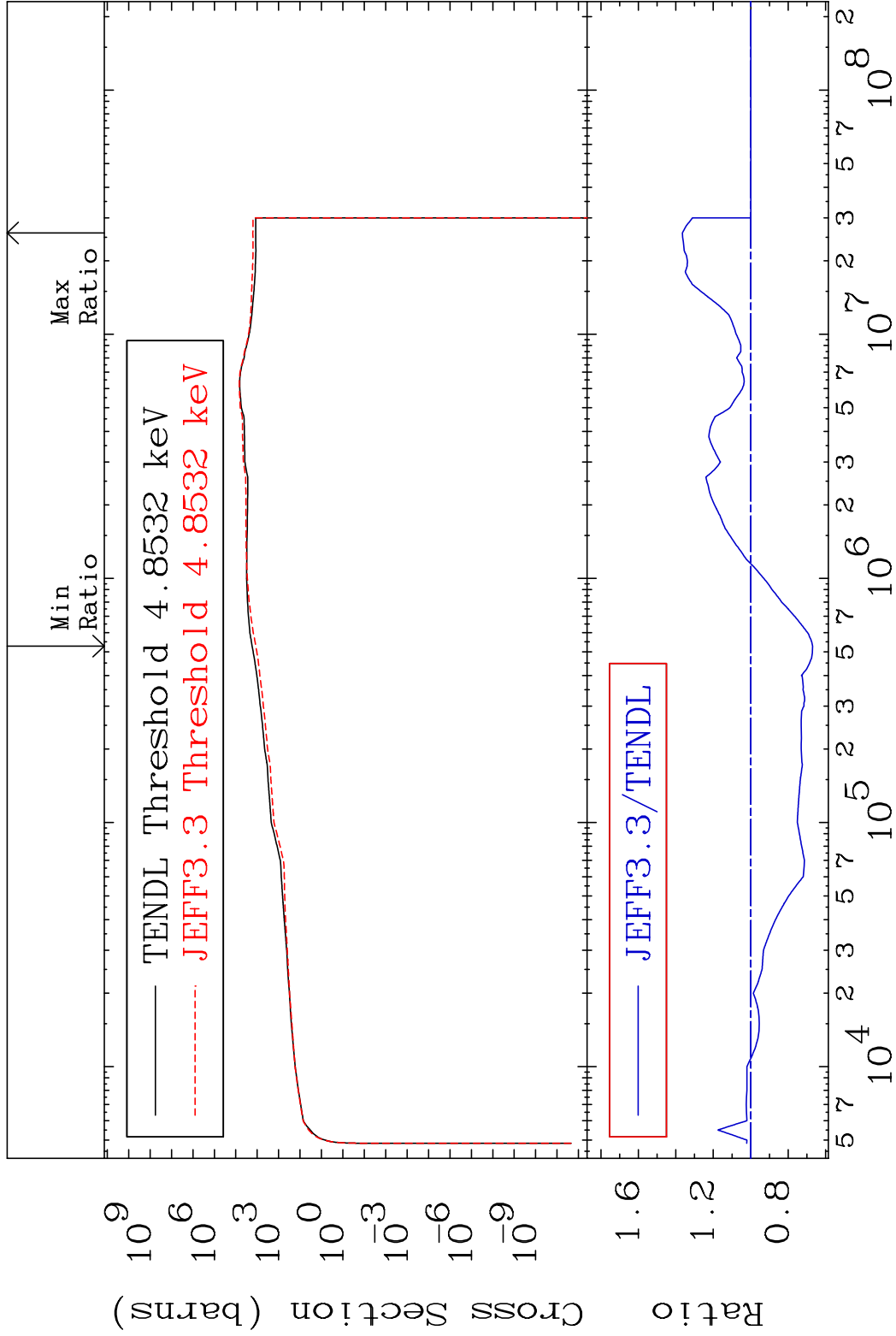
MAT 6246 Dpa total (eV-barns) 62-Sm-151
 Cross Section -99.62 To 9999. %



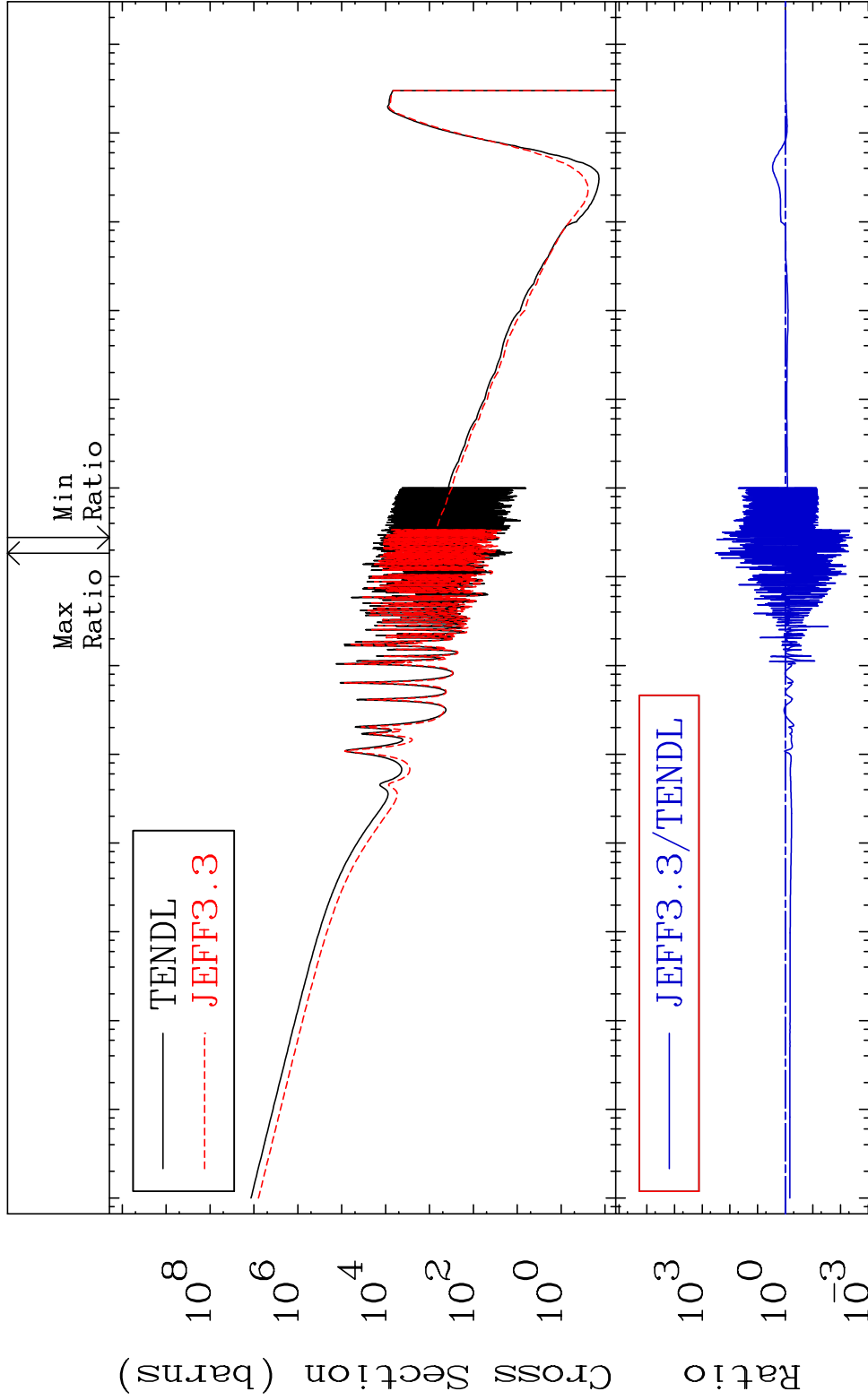
MAT 6246 Dpa elastic (mt2) 62-Sm-151
Cross Section -95.18 To 1410. %



65 Incident Energy (eV) 62-Sm-151



MAT 6246 Dpa disappearance (mt102 -120) 62-Sm-151
Cross Section -99.62 To 9999. %



67 Incident Energy (eV) 62-Sm-151

