

Program Complot  
(Version 2021-1)

by

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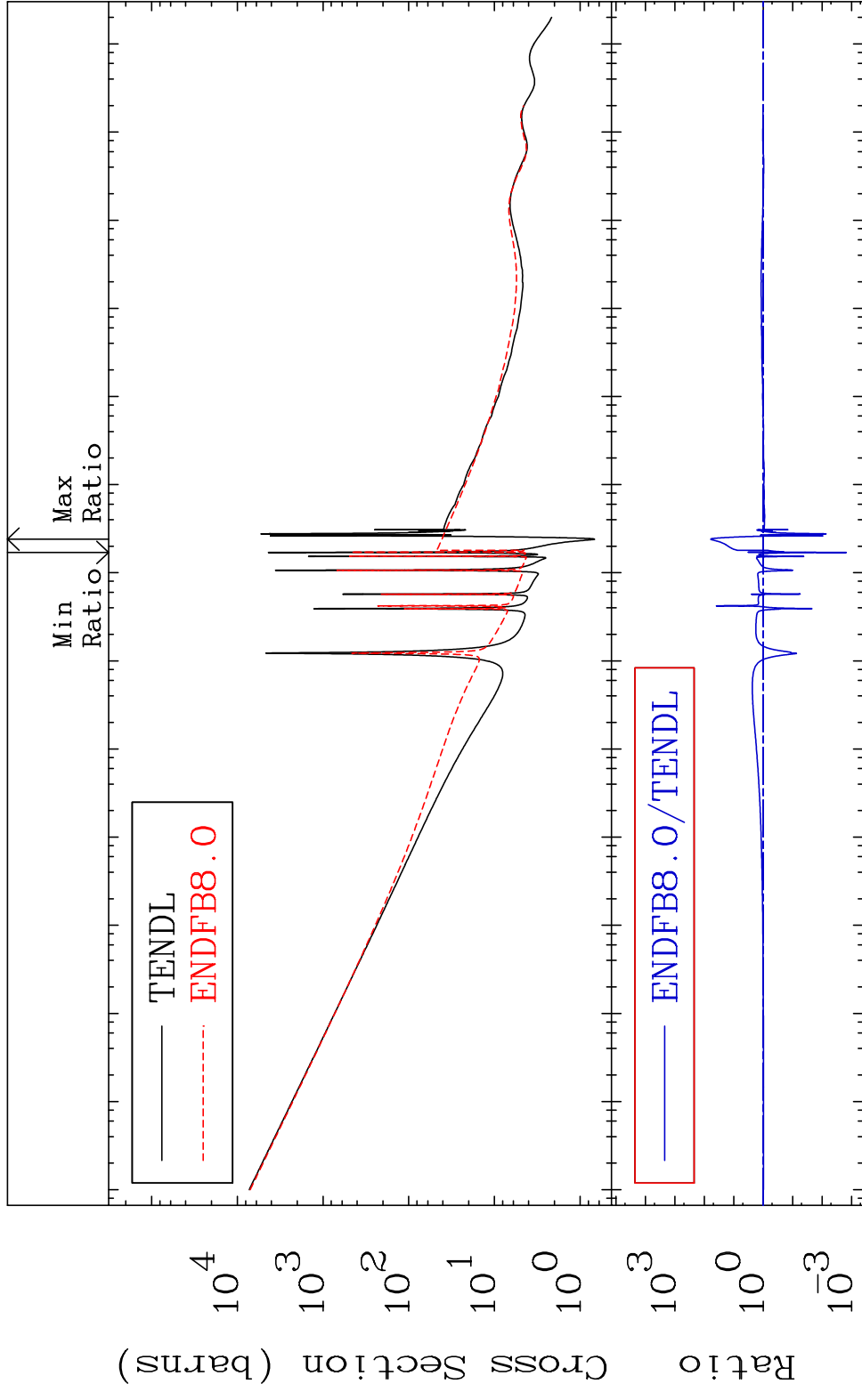
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5528

Total 55-Cs-134  
Cross Section -99.85 To 6000. %



1

Incident Energy (eV)

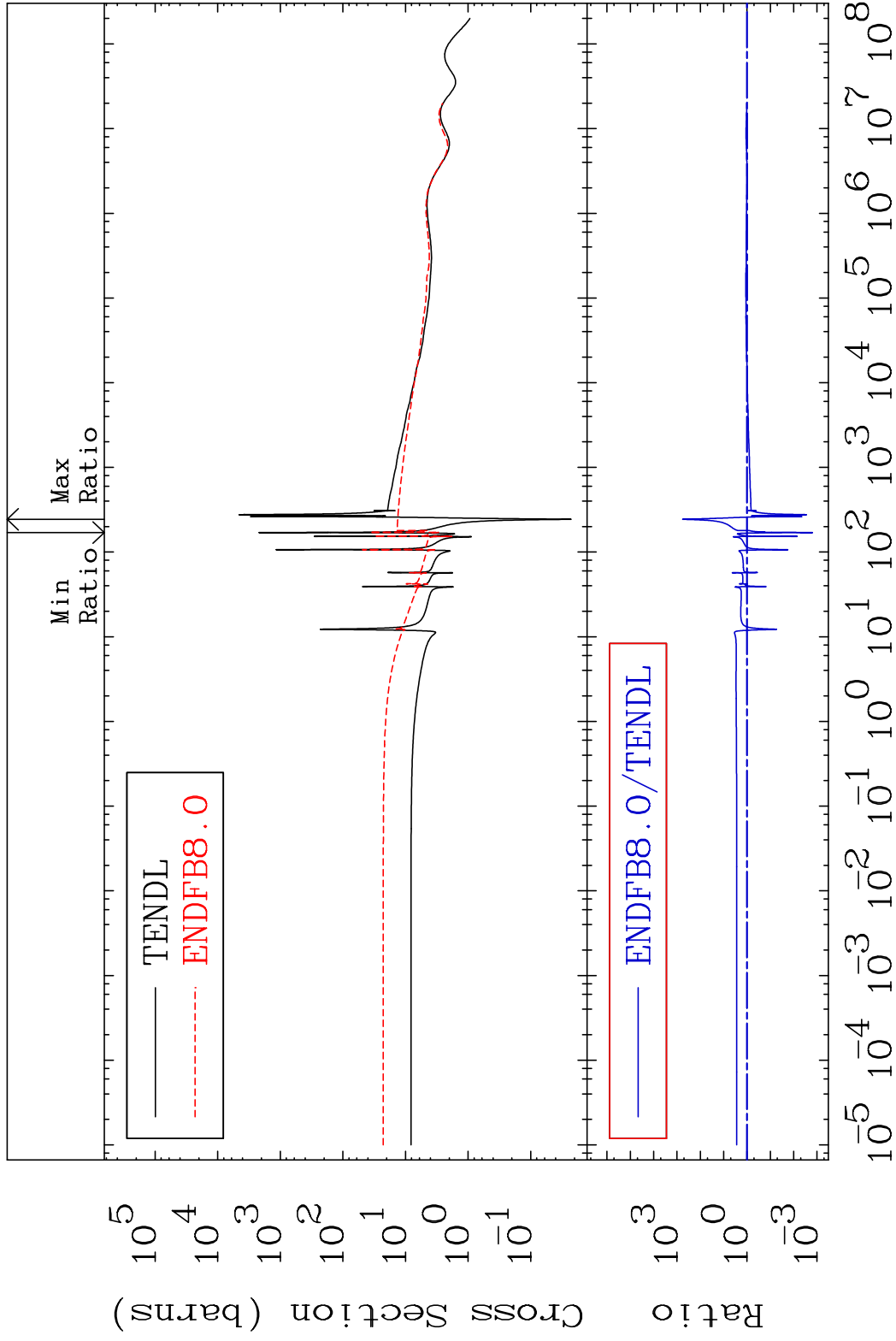
55-Cs-134

MAT 5528

Elastic

55-Cs-134

Cross Section -99.84 To 9999. %

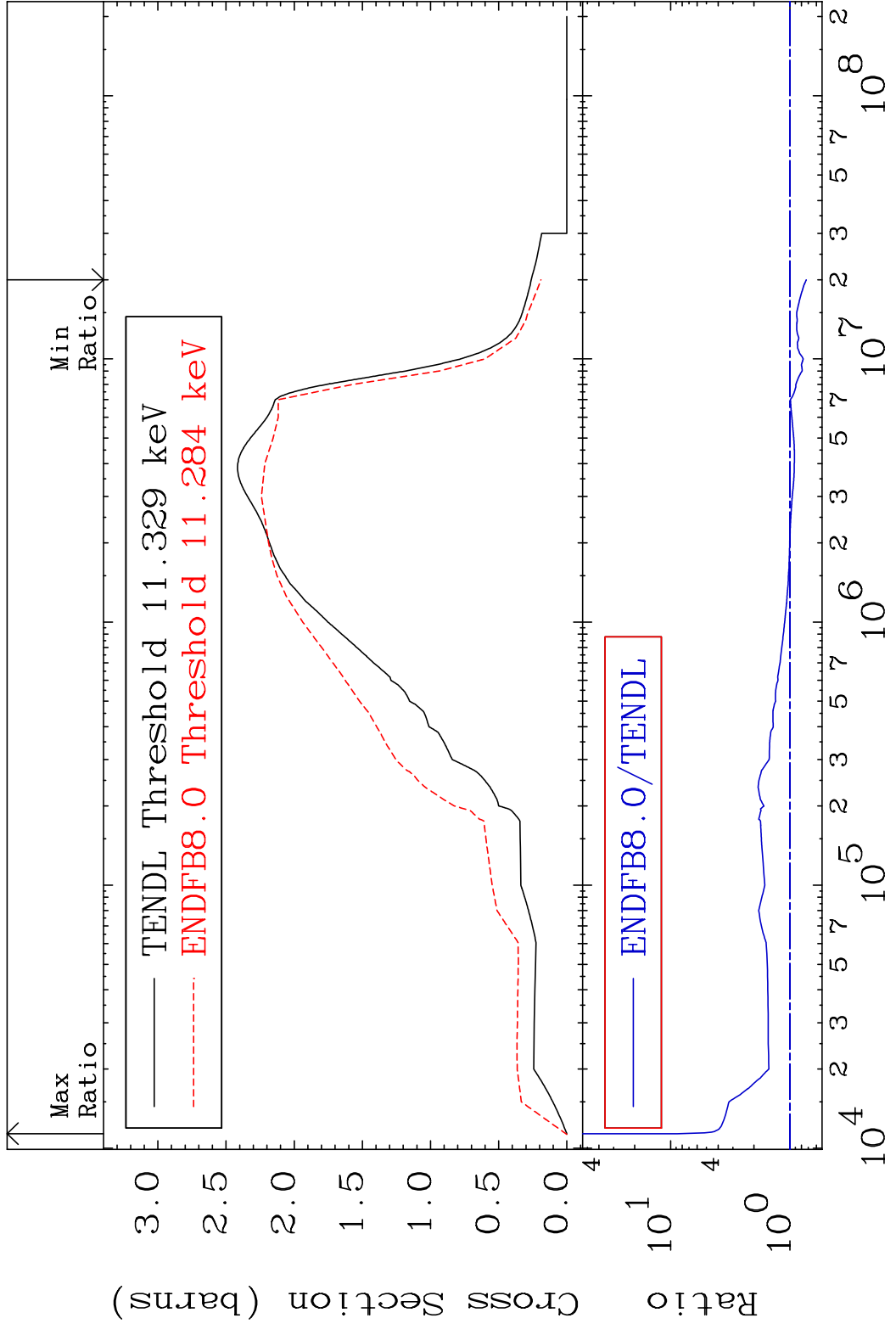


2

Incident Energy (eV)

55-Cs-134

MAT 5528 Inelastic 55-Cs-134  
 Cross Section -27.31 To 781.0 %



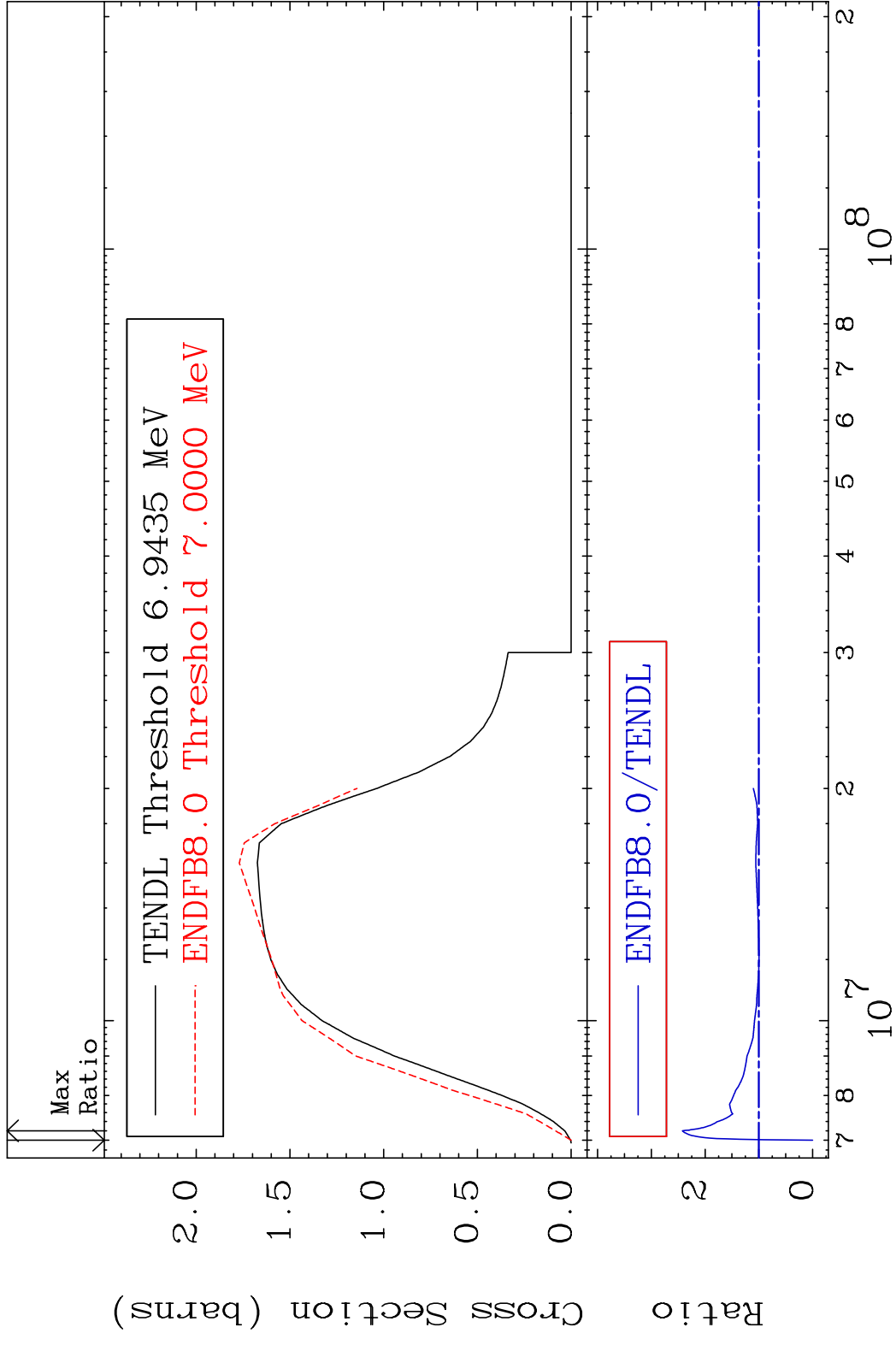
3 Incident Energy (eV) 55-Cs-134

MAT 5528

(n,2n)

55-Cs-134

Cross Section -100.0 To 142.3 %



4

Incident Energy (eV)

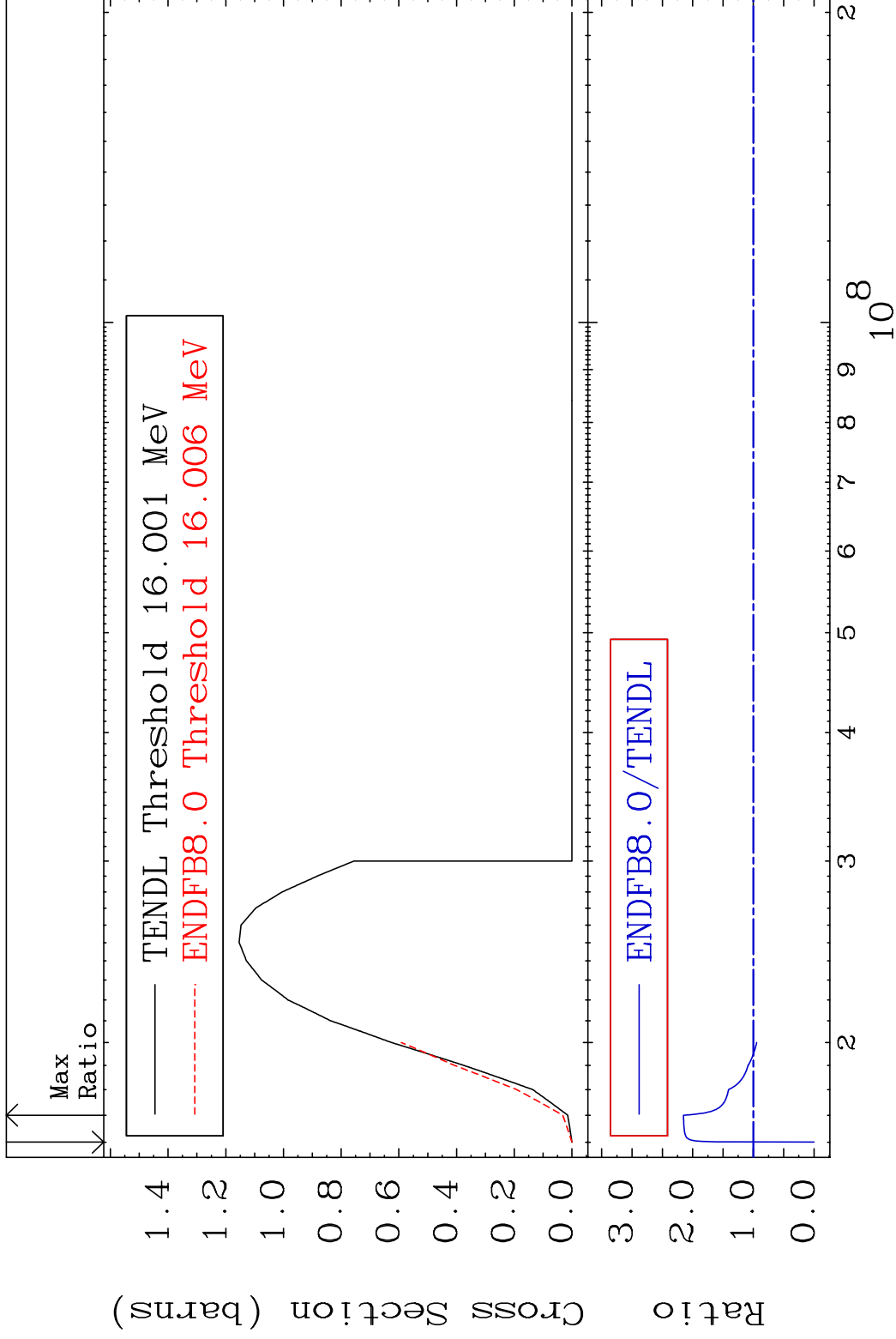
55-Cs-134

MAT 5528

(n,3n)

55-Cs-134

Cross Section -100.0 To 115.2 %



5

Incident Energy (eV)

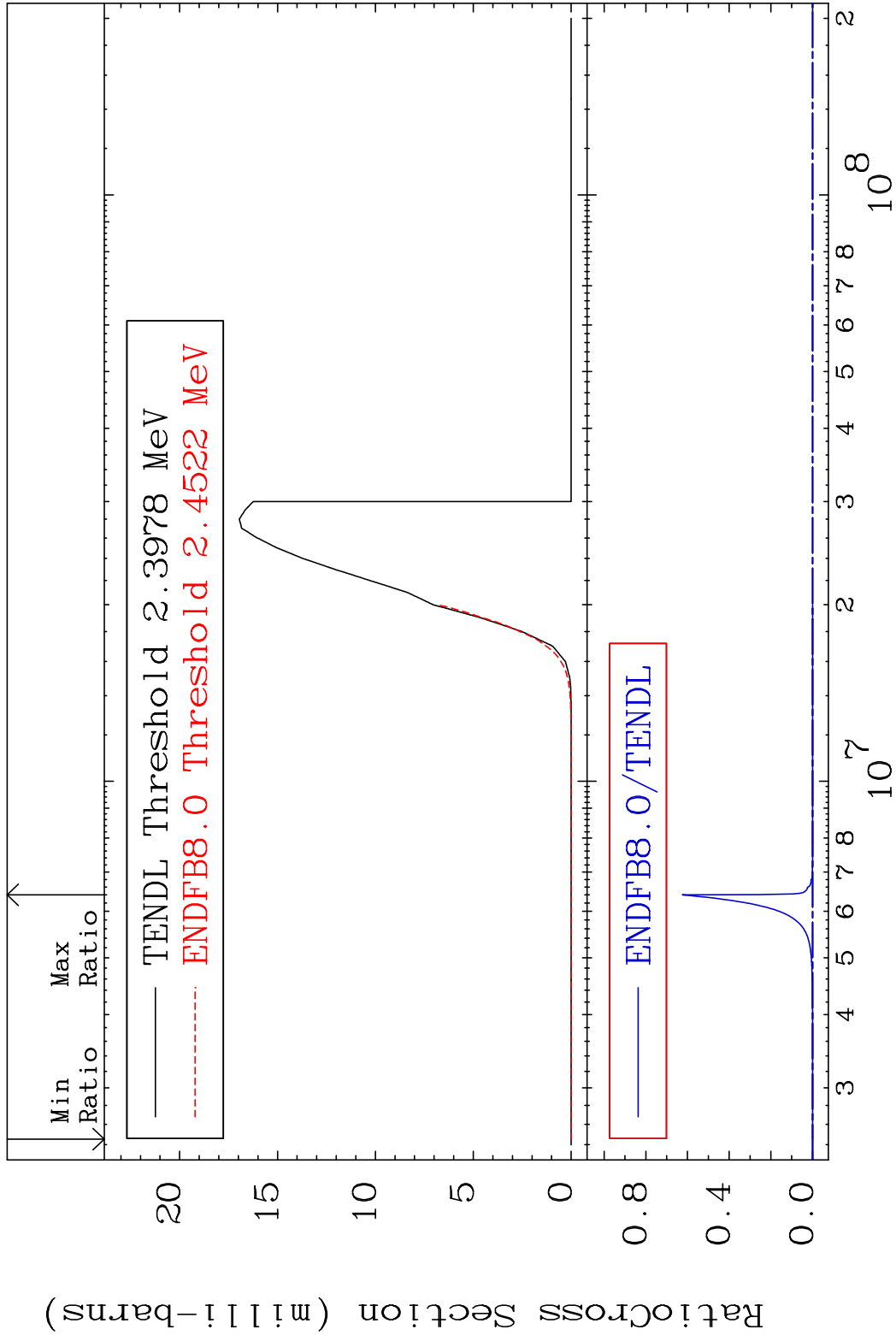
55-Cs-134

MAT 5528

(n, n')  $\alpha$

55-Cs-134

Cross Section -100.0 To 9999. %

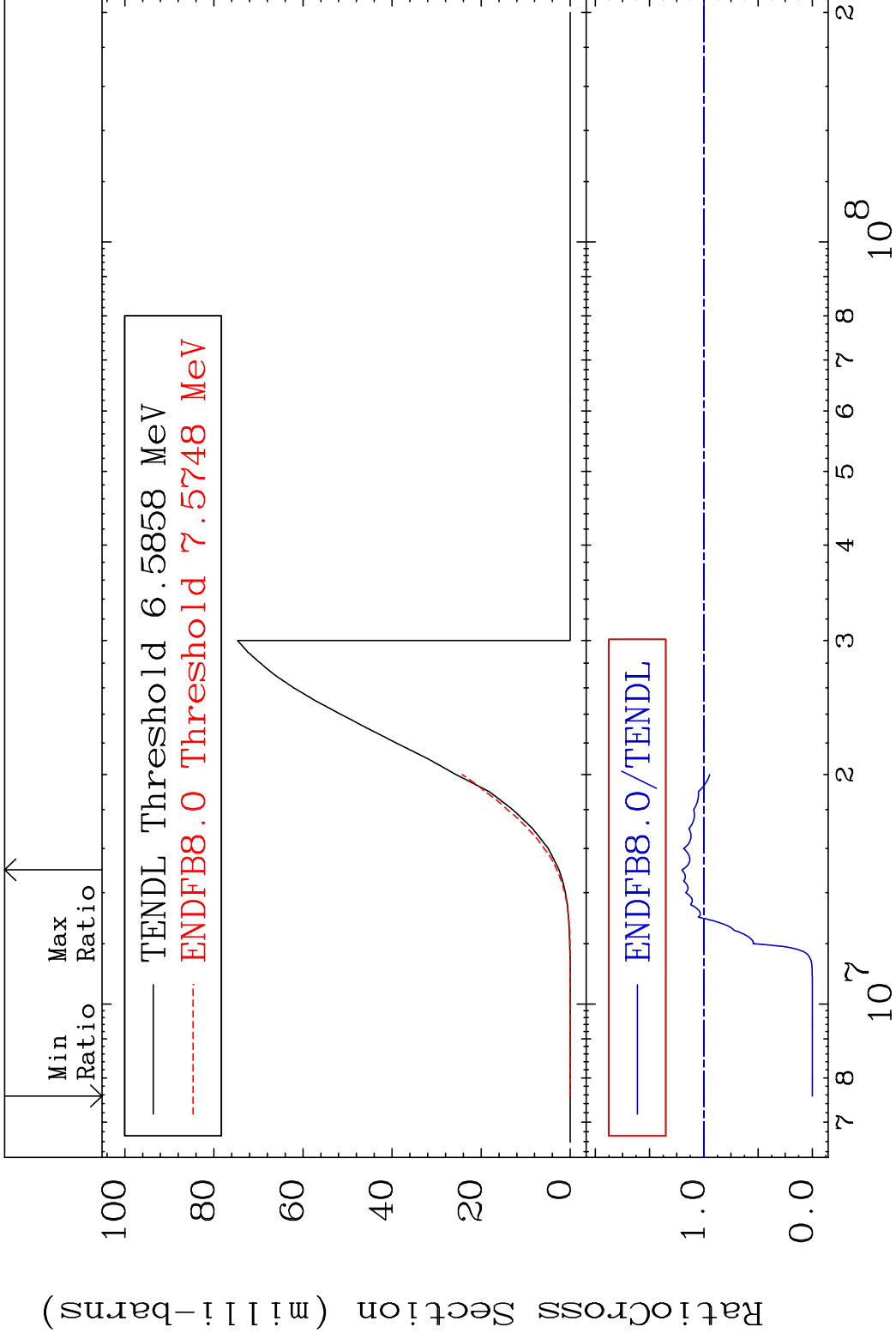


MAT 5528

(n, n') p

55-Cs-134

Cross Section -100.0 To 20.38 %



7

Incident Energy (eV)

55-Cs-134

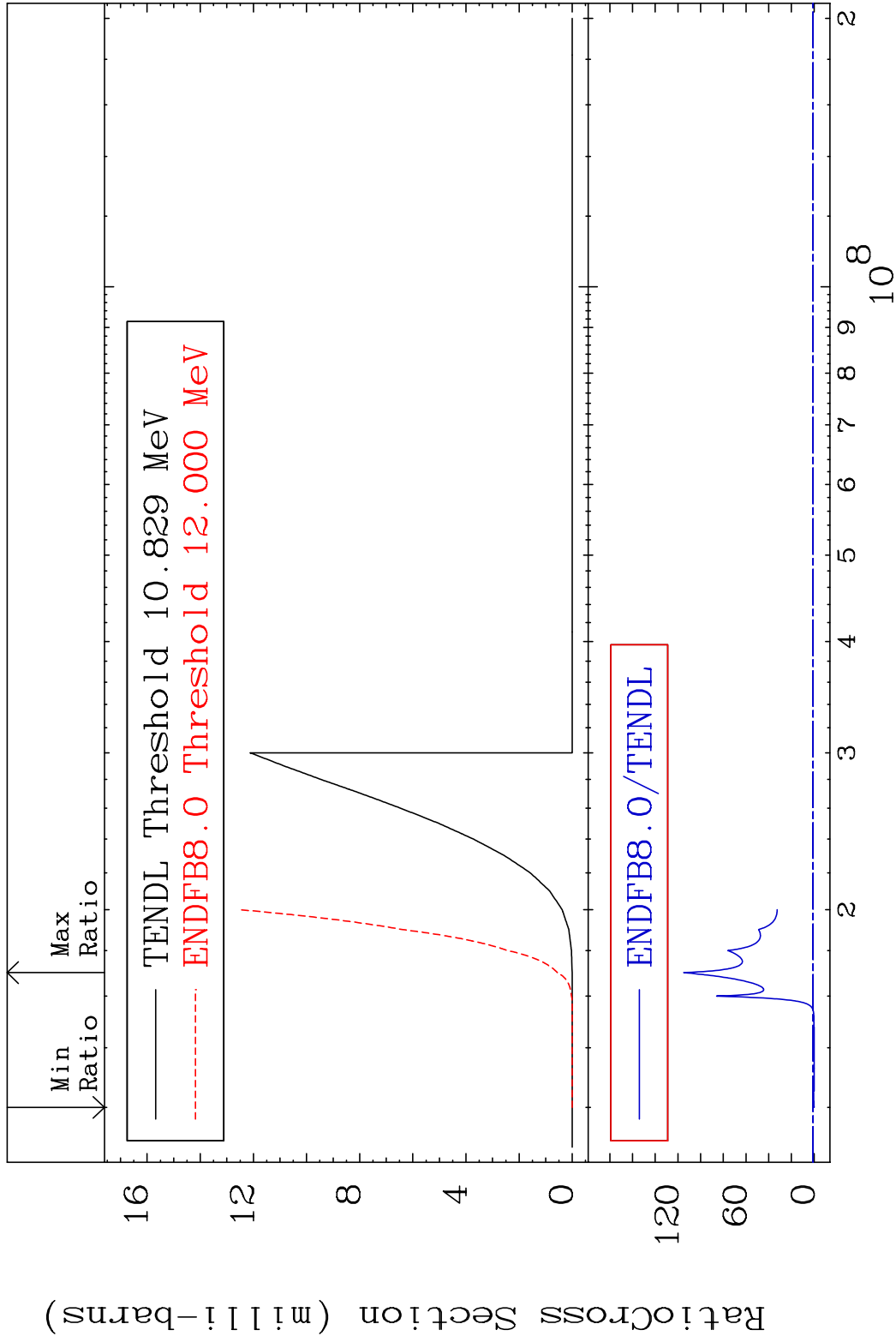


MAT 5528

(n, n') d

55-Cs-134

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

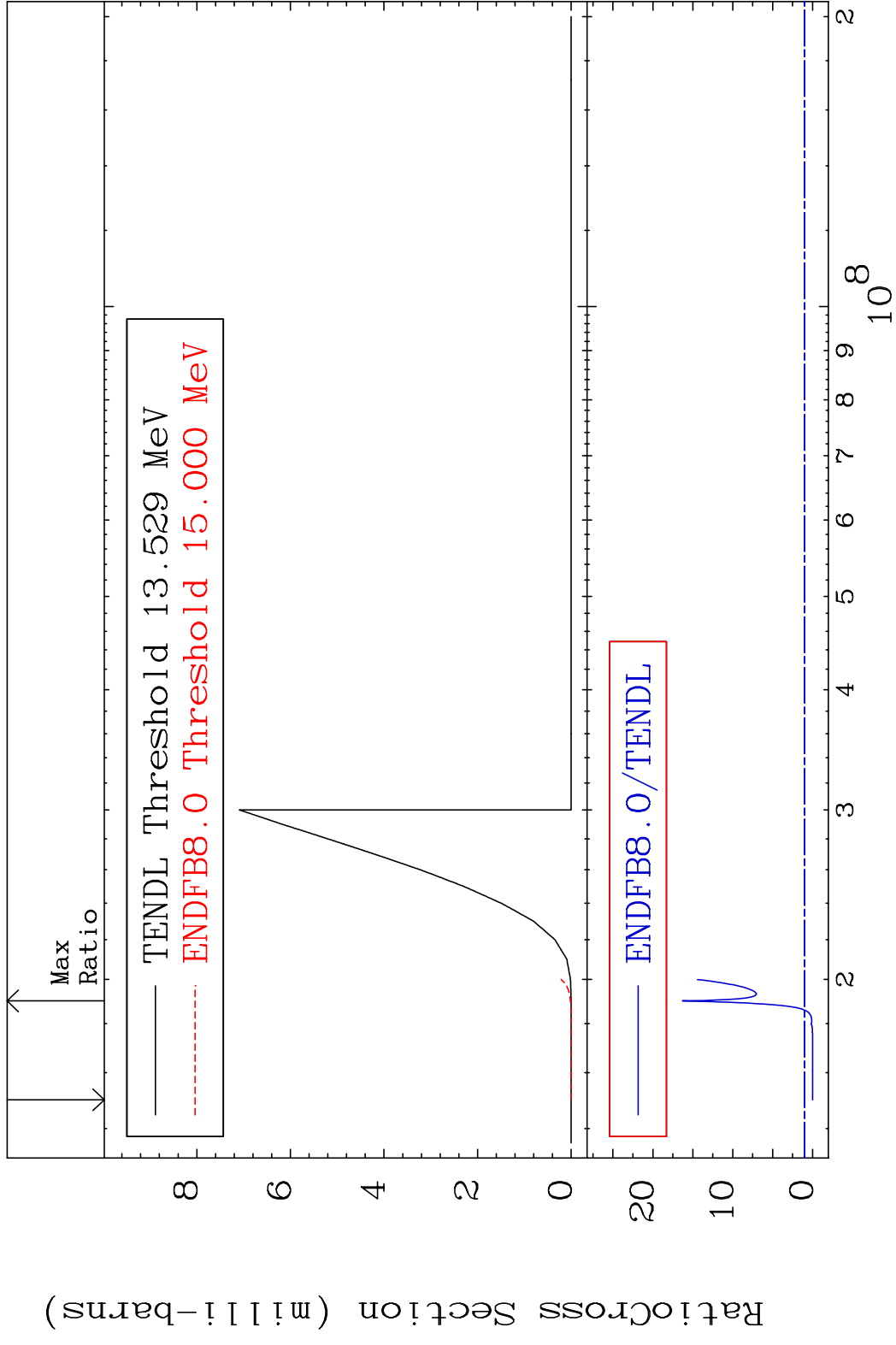
55-Cs-134

MAT 5528

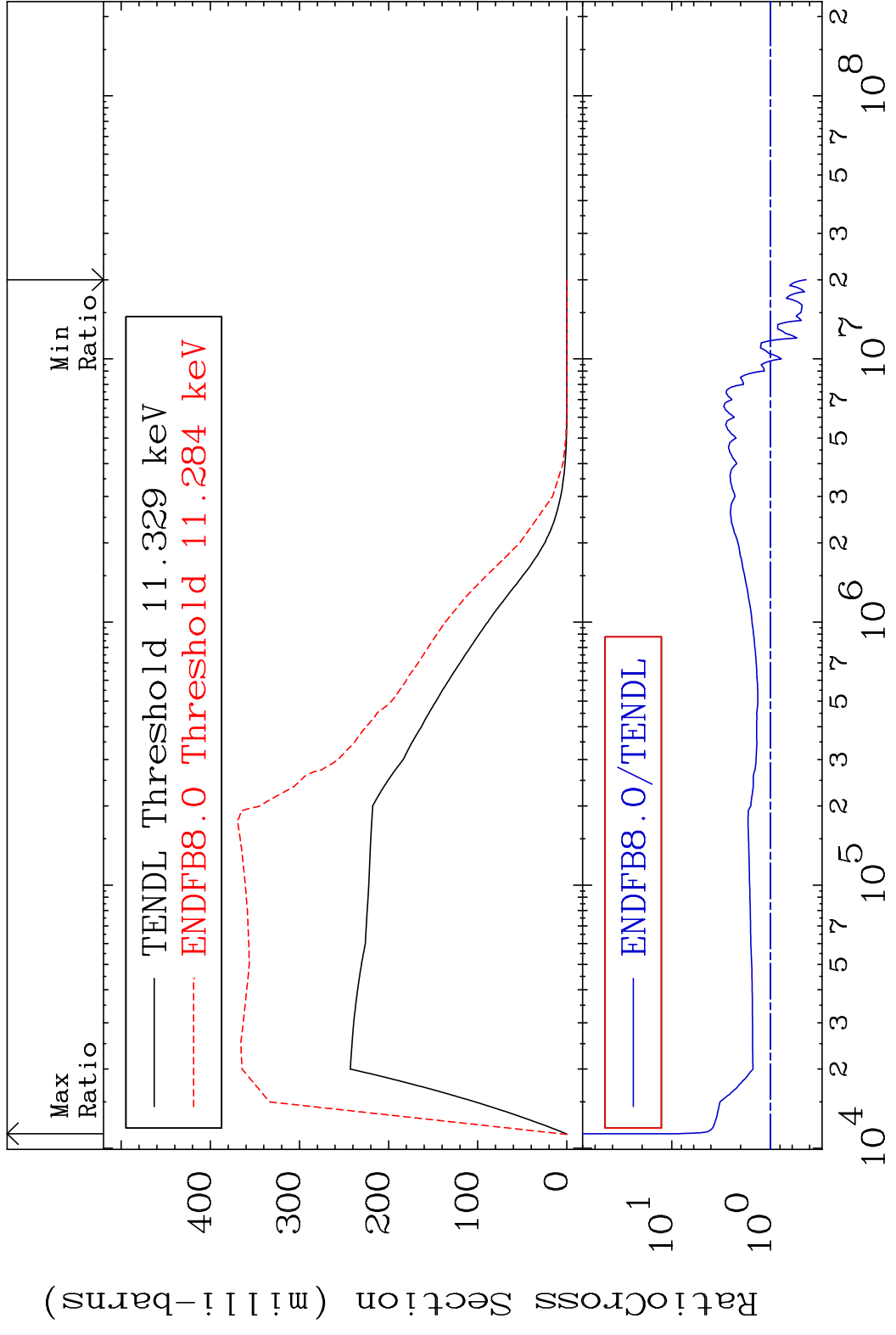
(n, n') t

55-Cs-134

Cross Section -100.0 To 1531. %

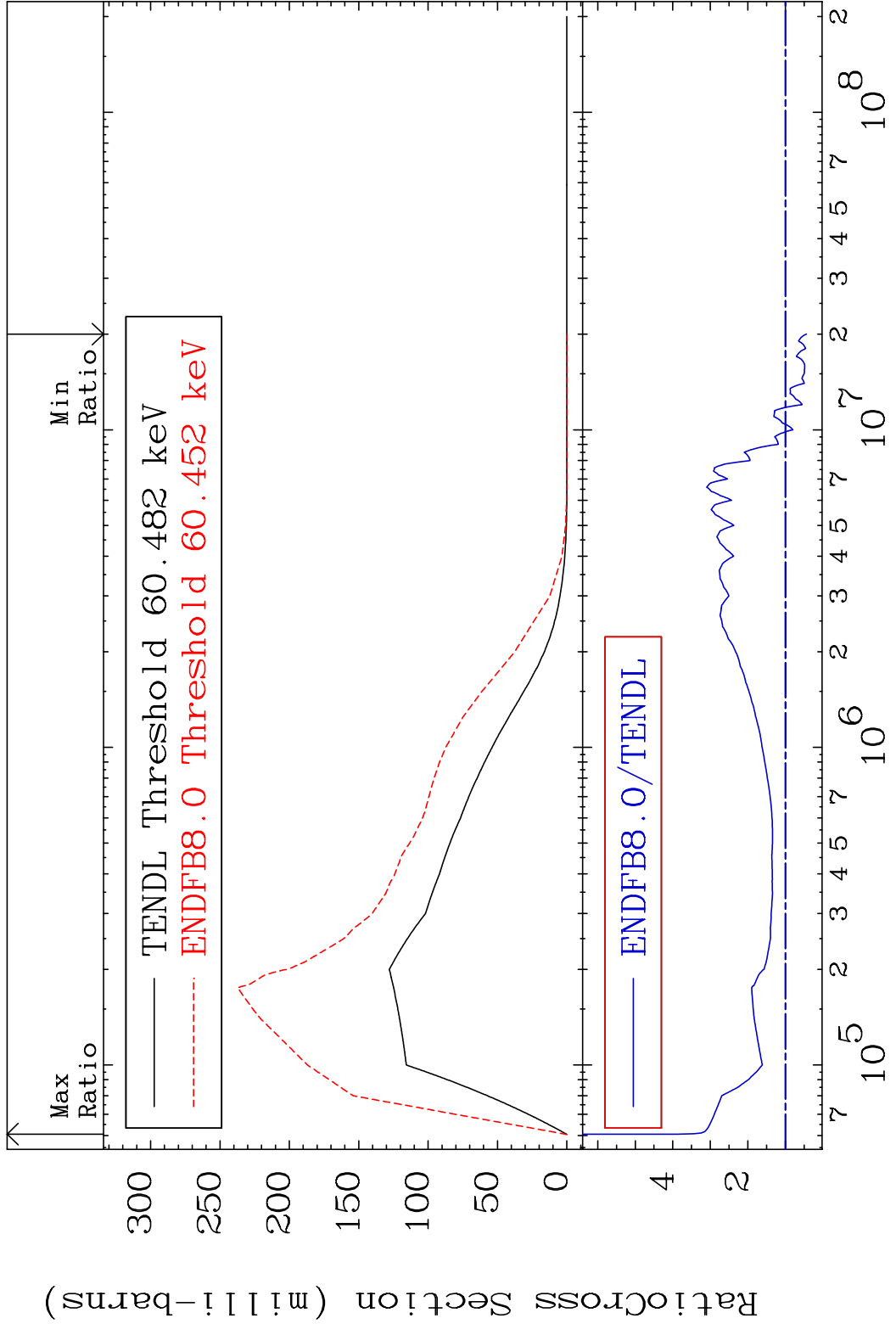


MAT 5528 MT= 51 (n,n') Level 55-Cs-134  
 Cross Section -56.88 To 781.0 %

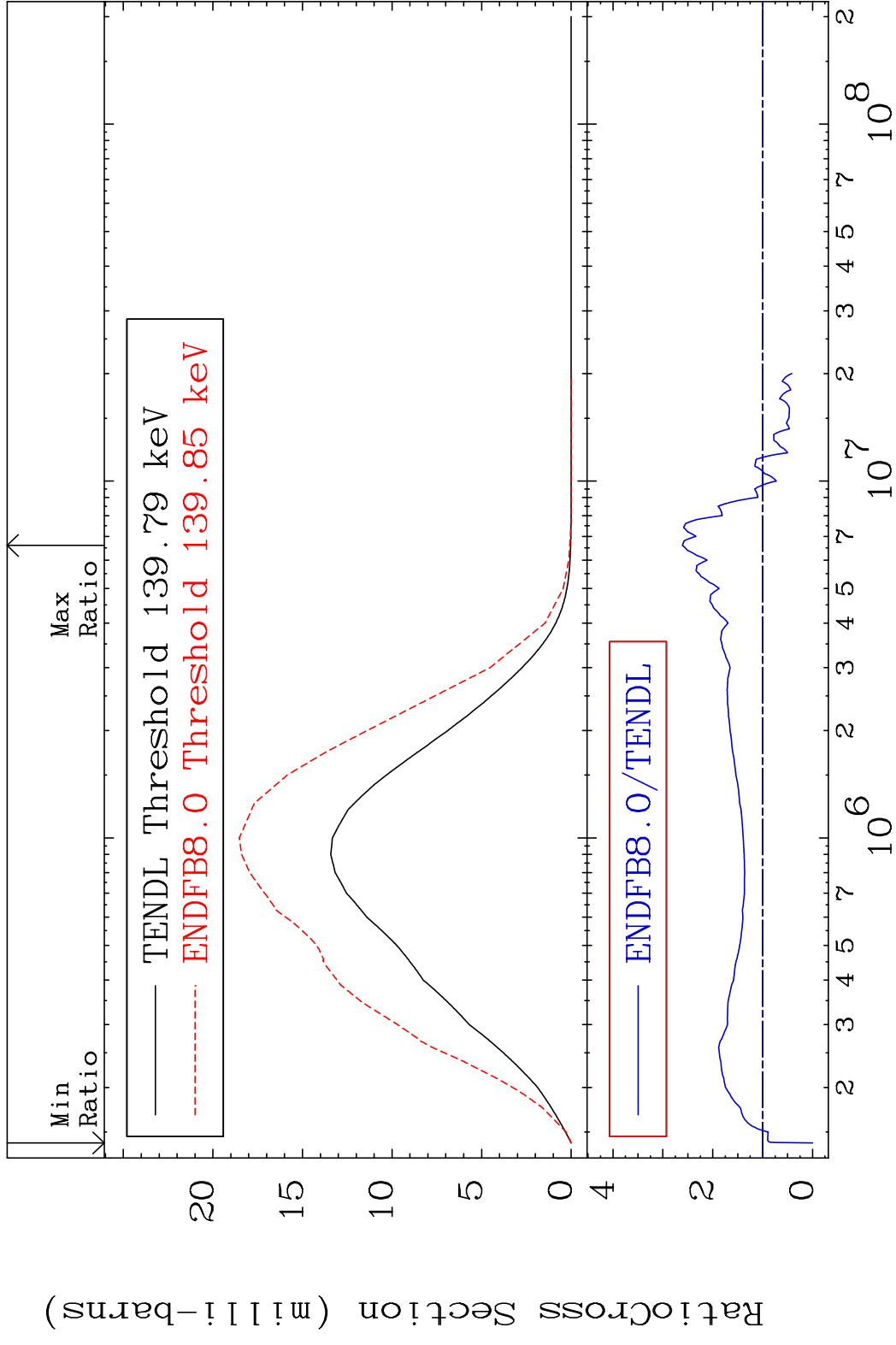


10 10 Incident Energy (eV) 55-Cs-134

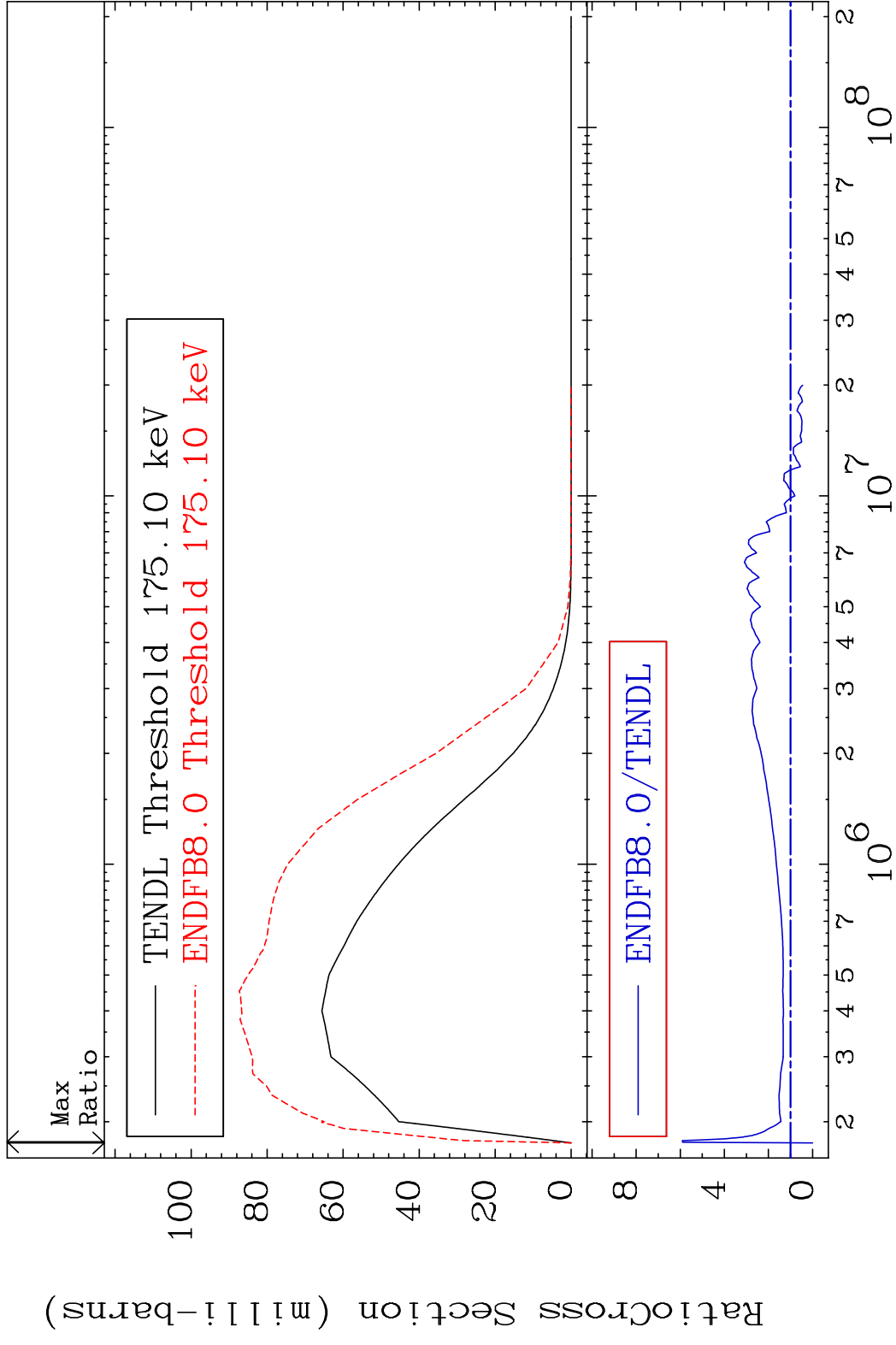
MAT 5528 MT= 52 (n, n') Level 55-Cs-134  
 Cross Section -56.03 To 288.3 %



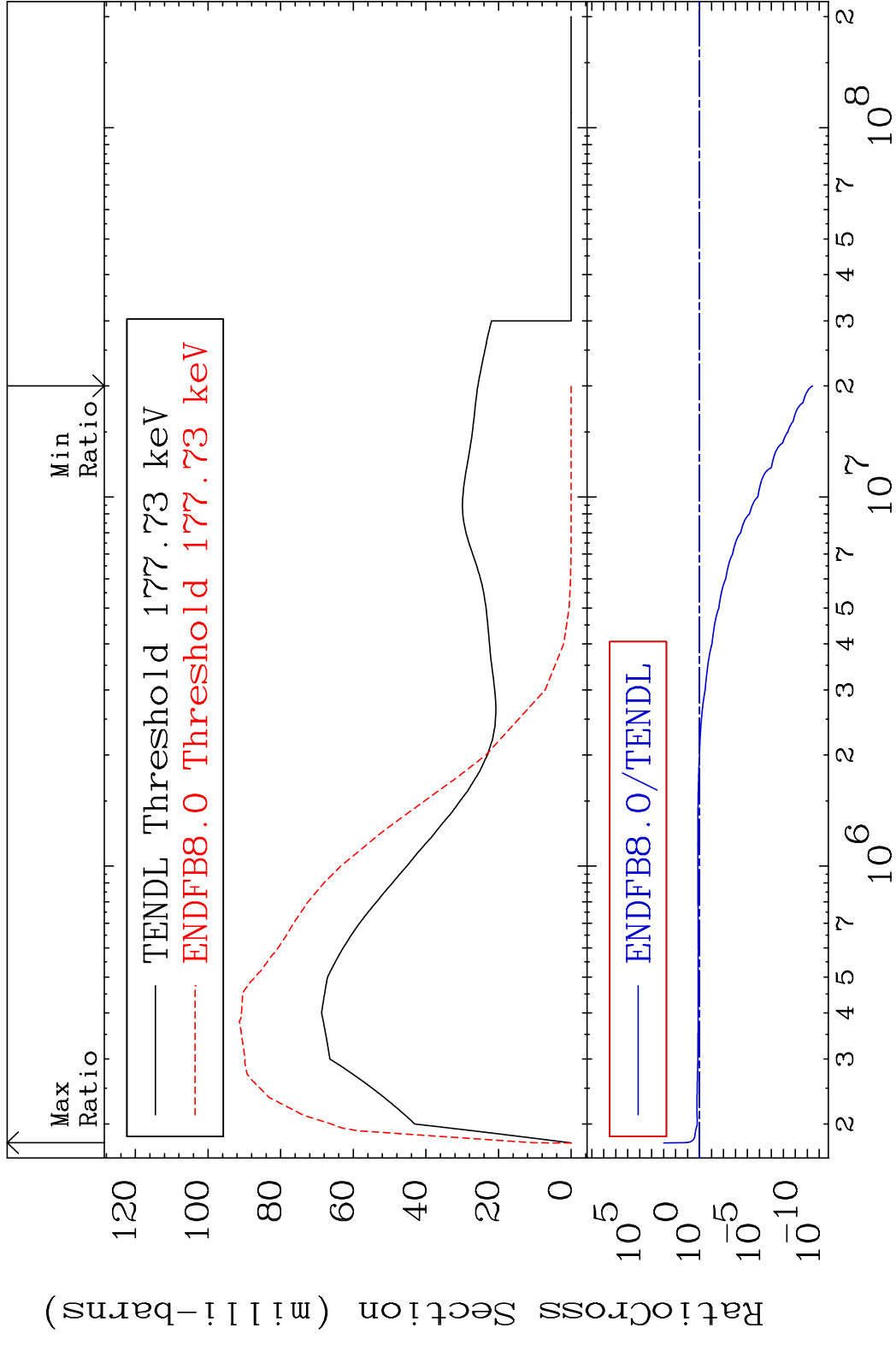
MAT 5528 MT= 53 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 161.0 %



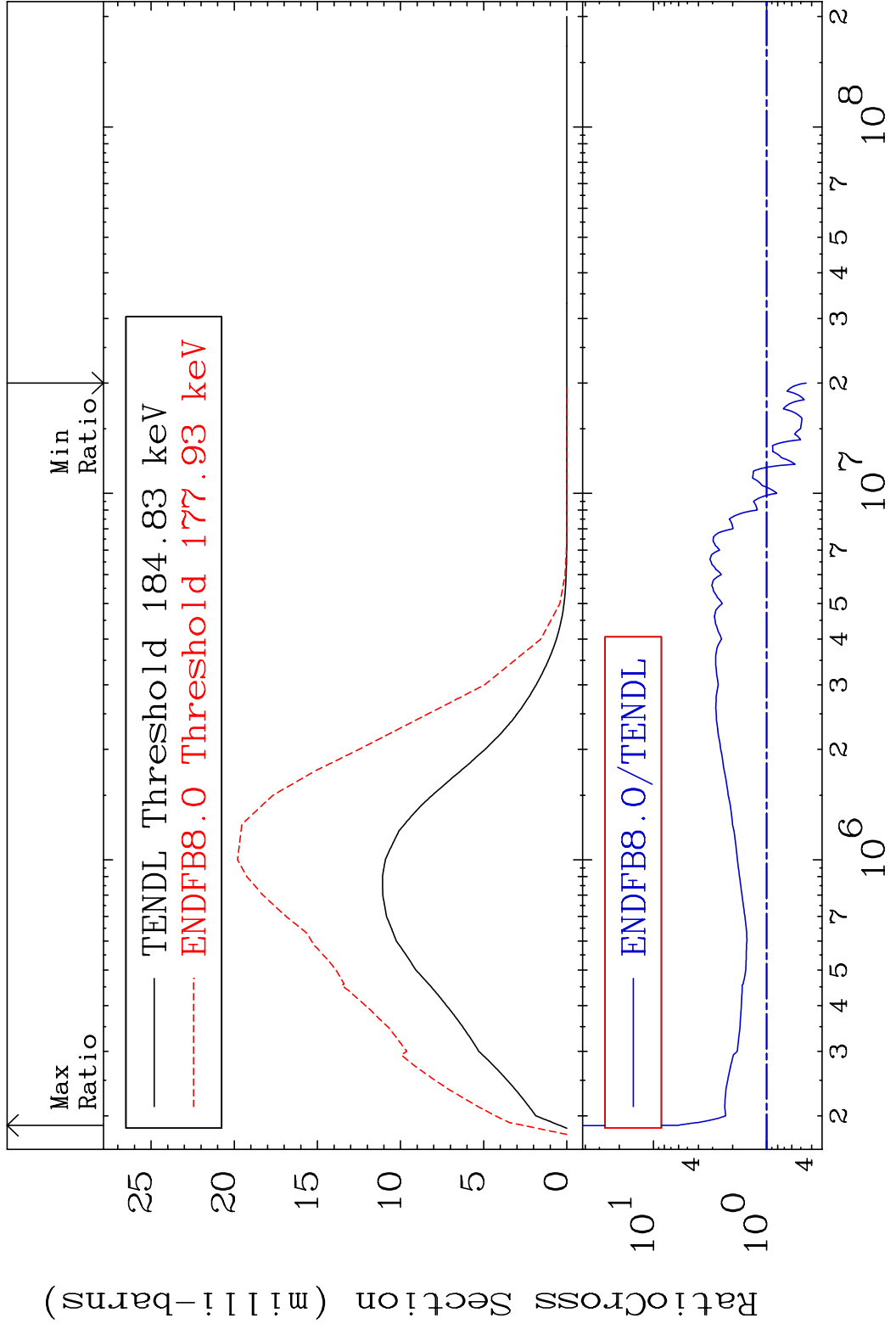
MAT 5528 MT= 54 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 490.6 %



MAT 5528 MT= 55 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 2628. %

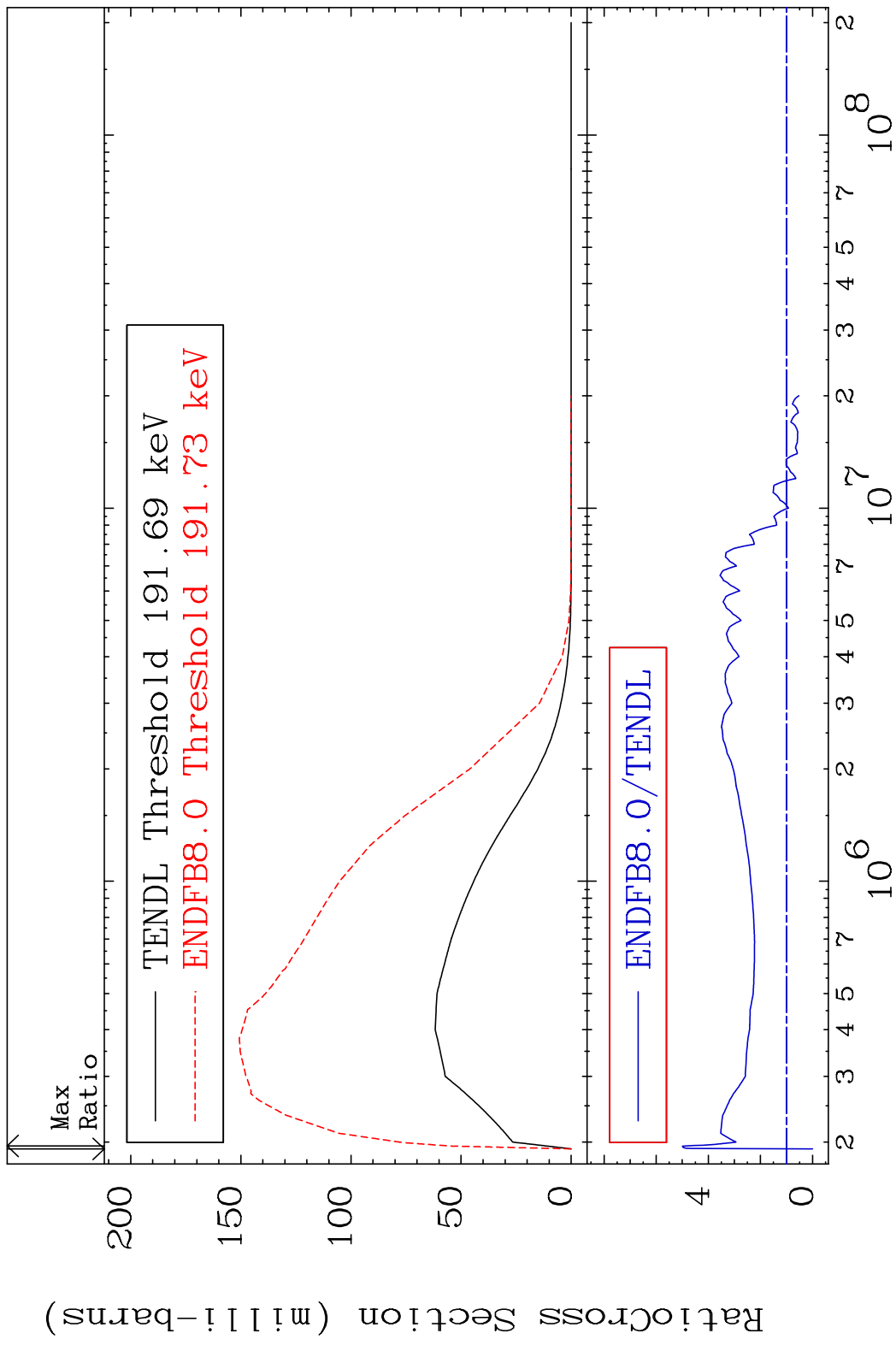


MAT 5528 MT= 56 (n,n') Level 55-Cs-134  
 Cross Section -55.41 To 516.8 %

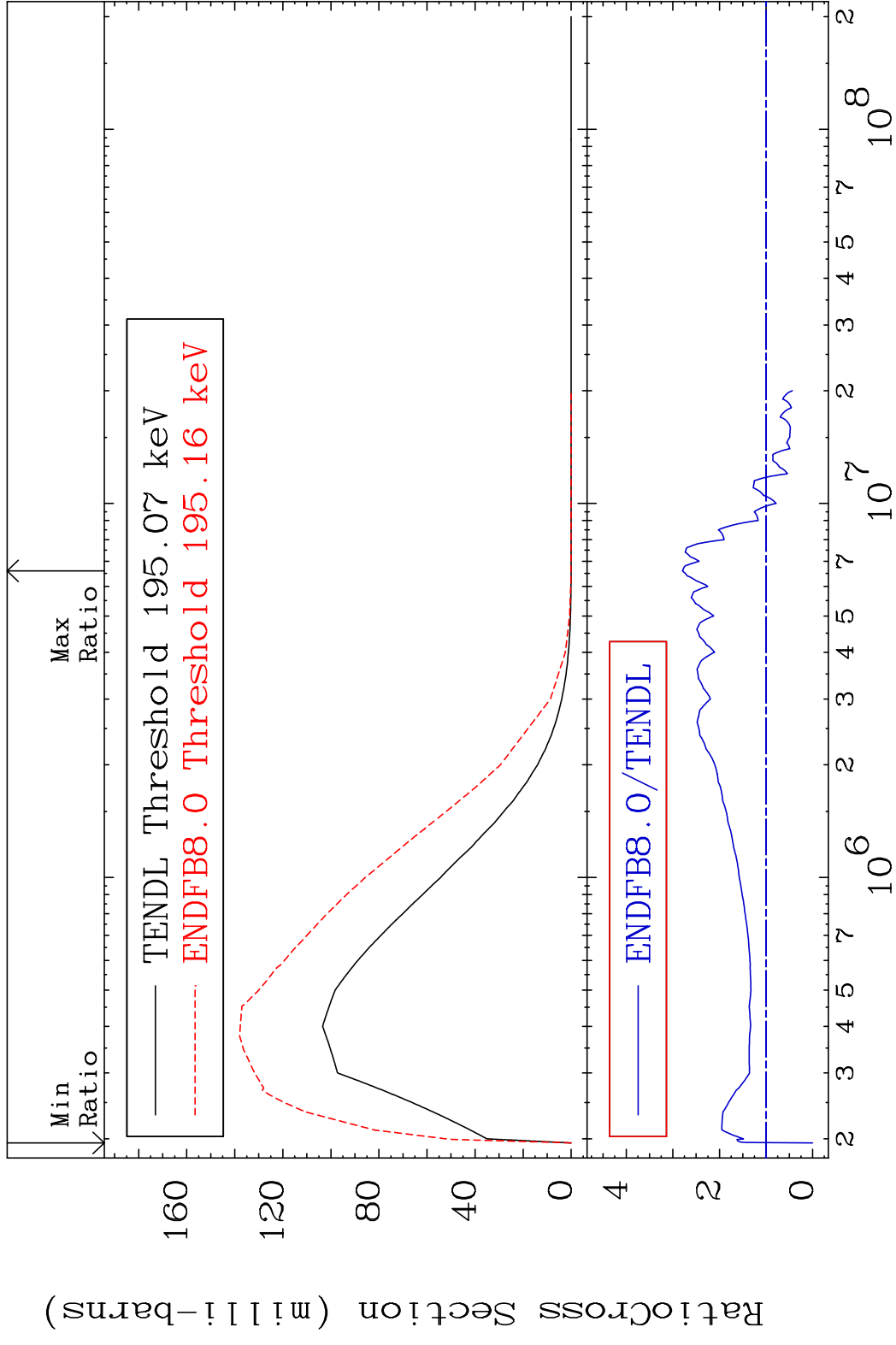




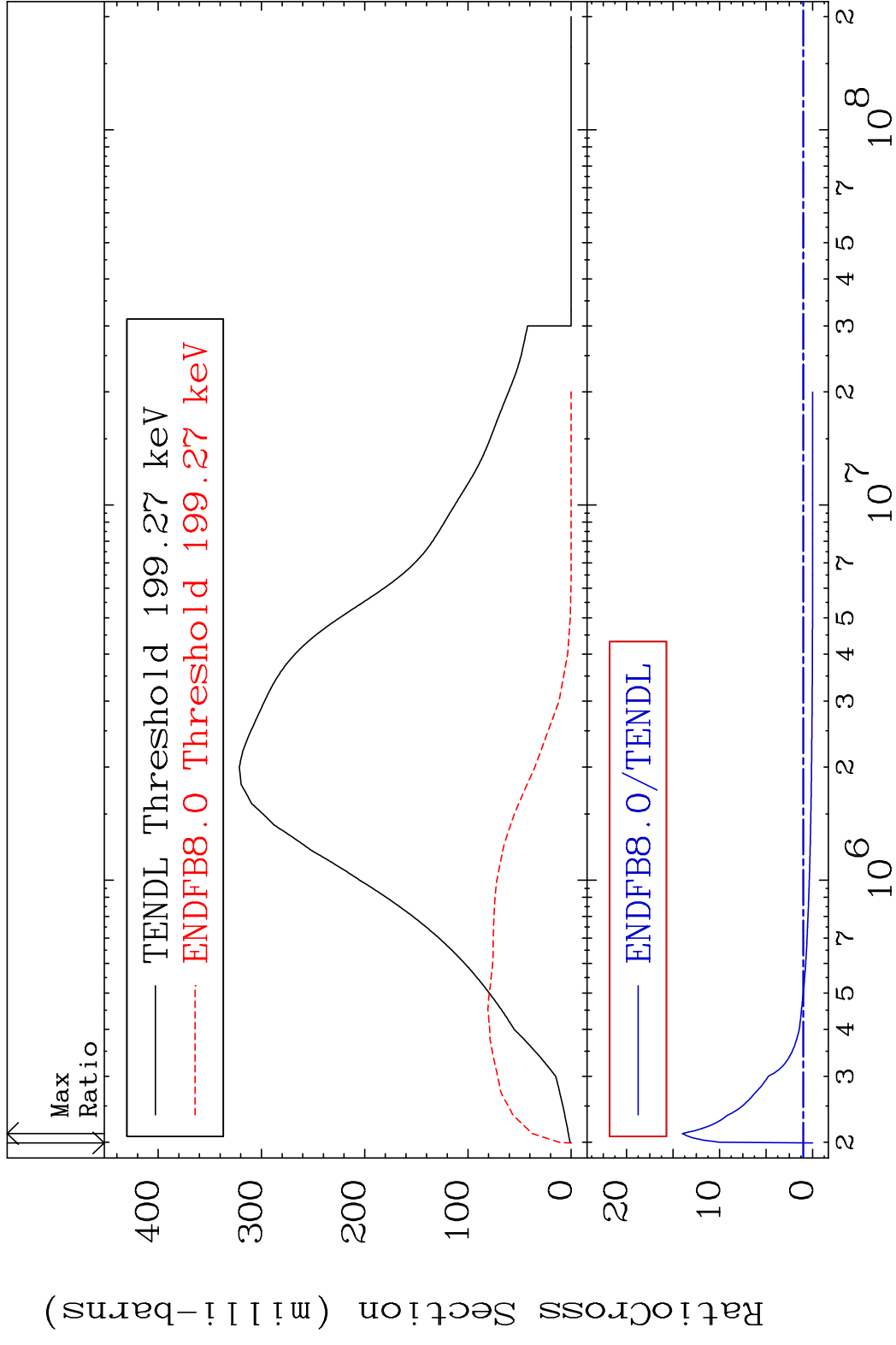
MAT 5528 MT= 57 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 399.6 %



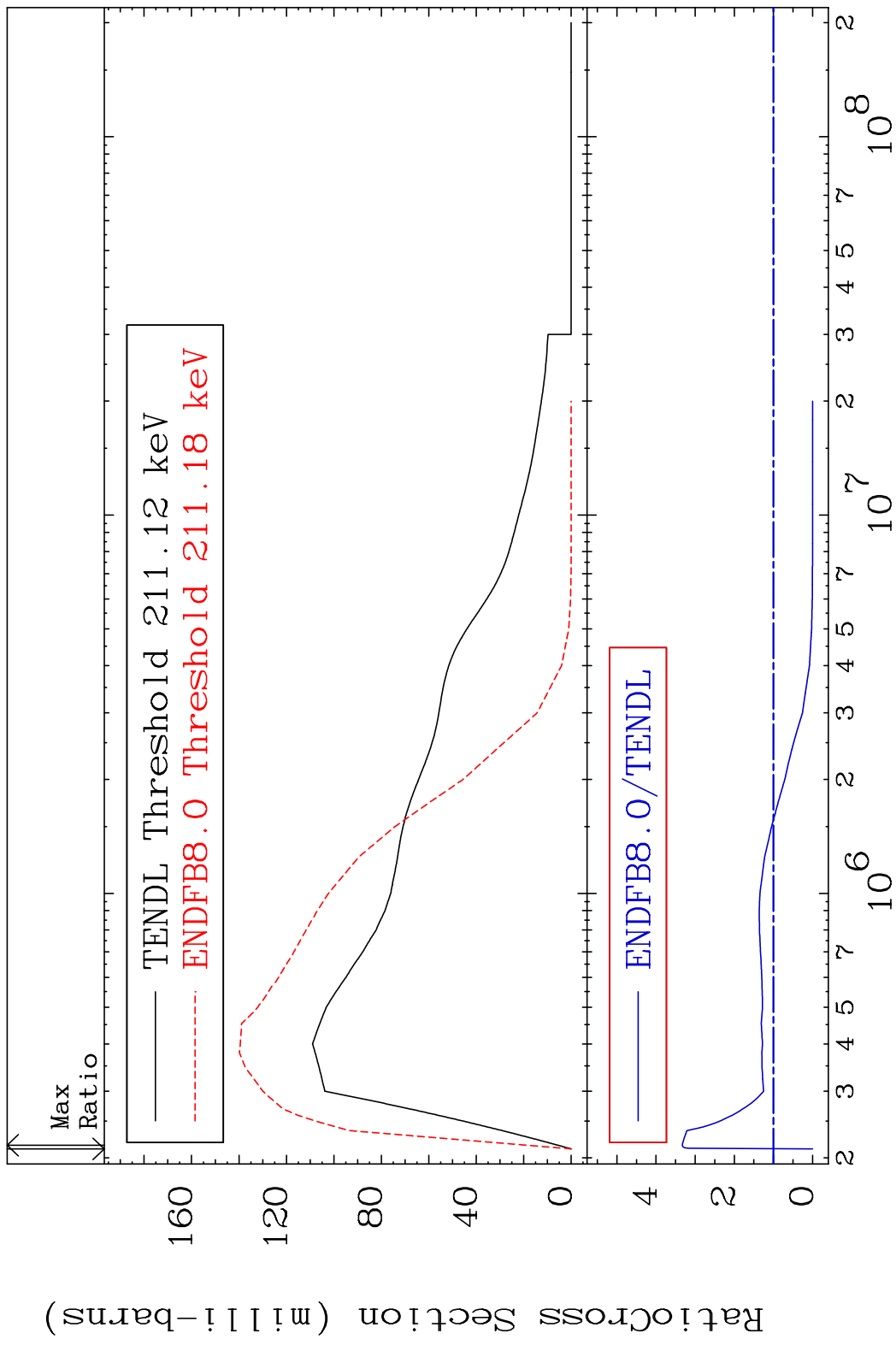
MAT 5528 MT= 58 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 179.7 %



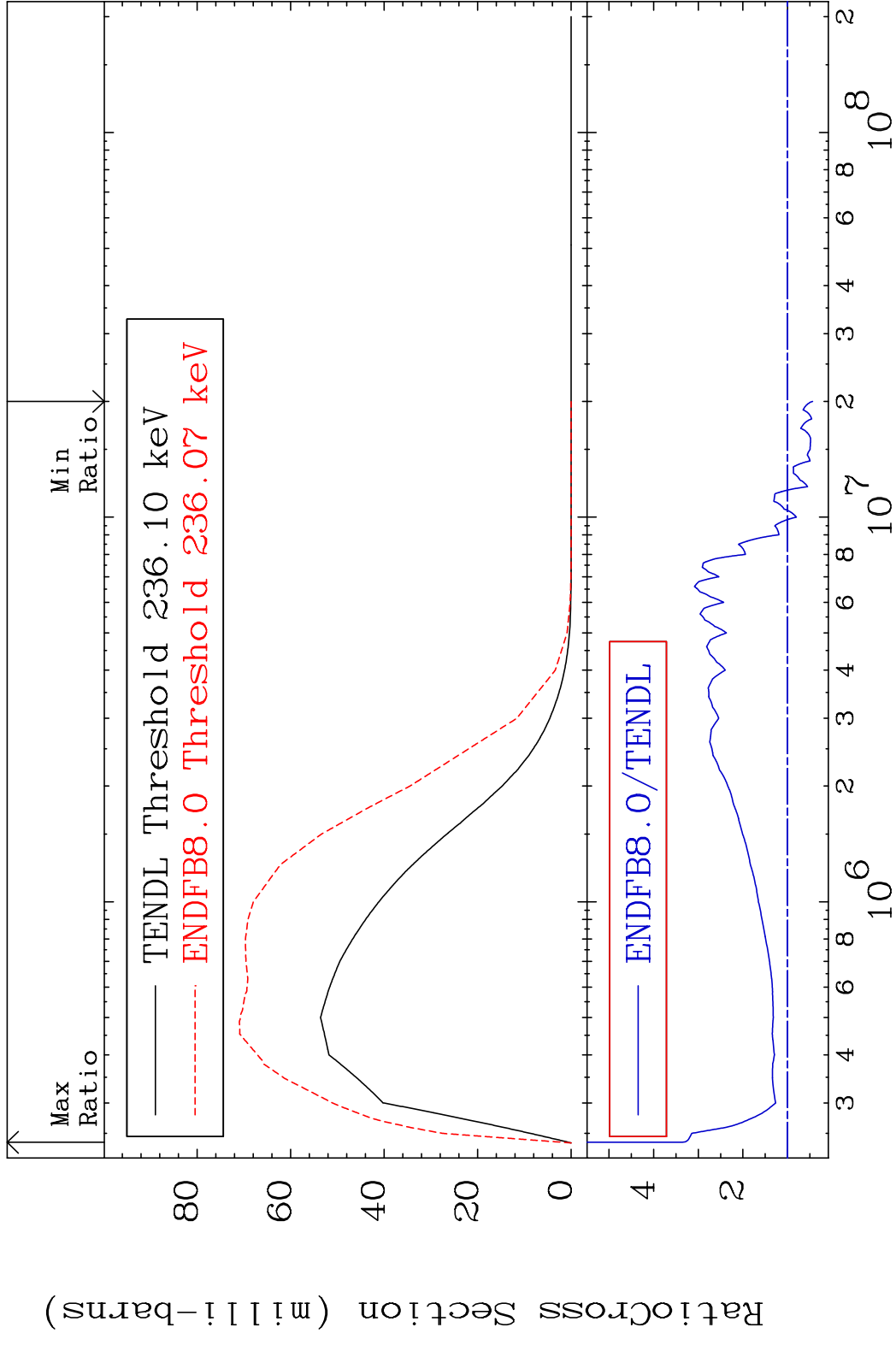
MAT 5528 MT= 59 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 1300. %



MAT 5528 MT= 60 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 232.7 %

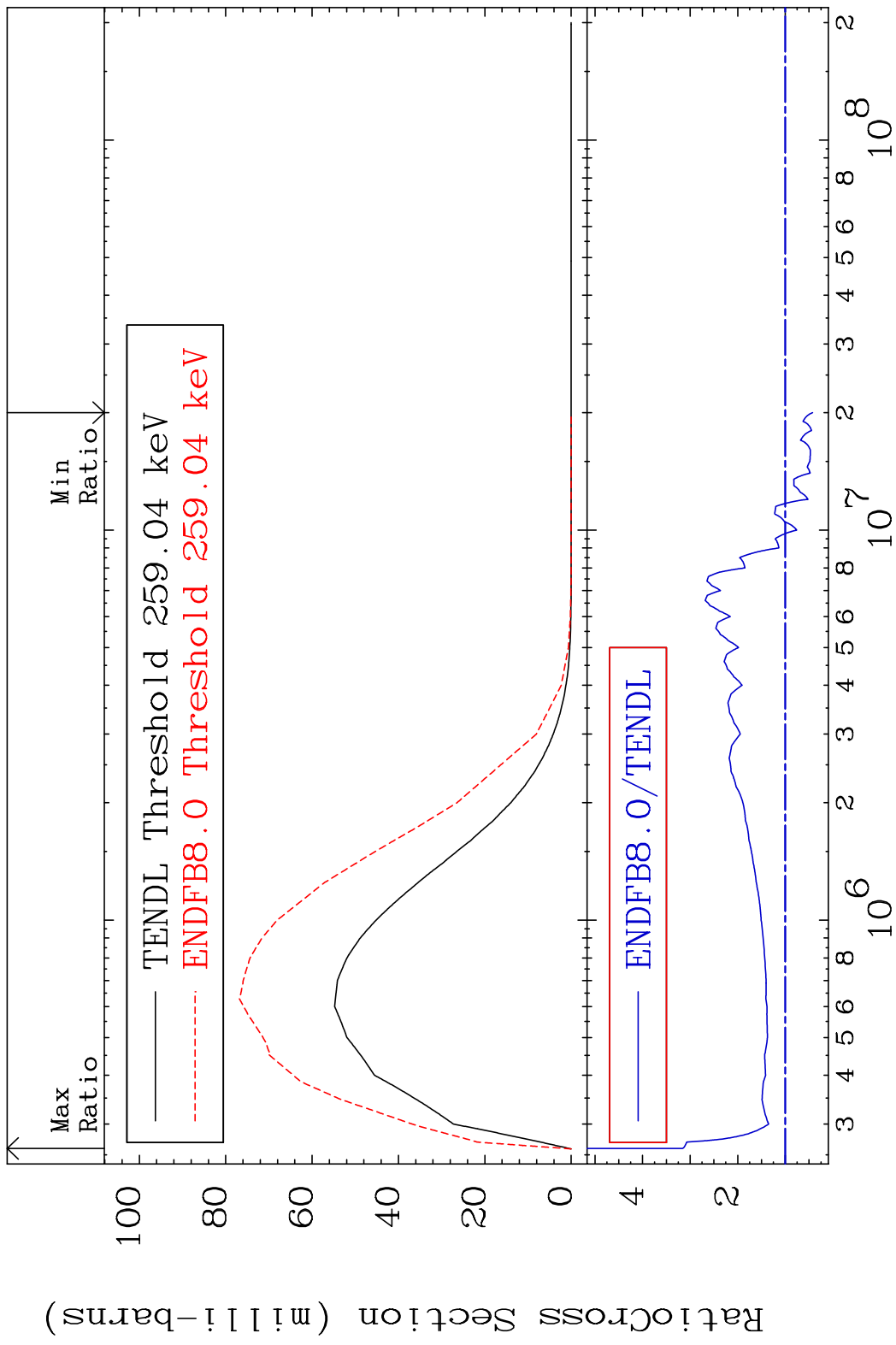


MAT 5528 MT= 61 (n, n') Level 55-Cs-134  
 Cross Section -55.99 To 235.7 %

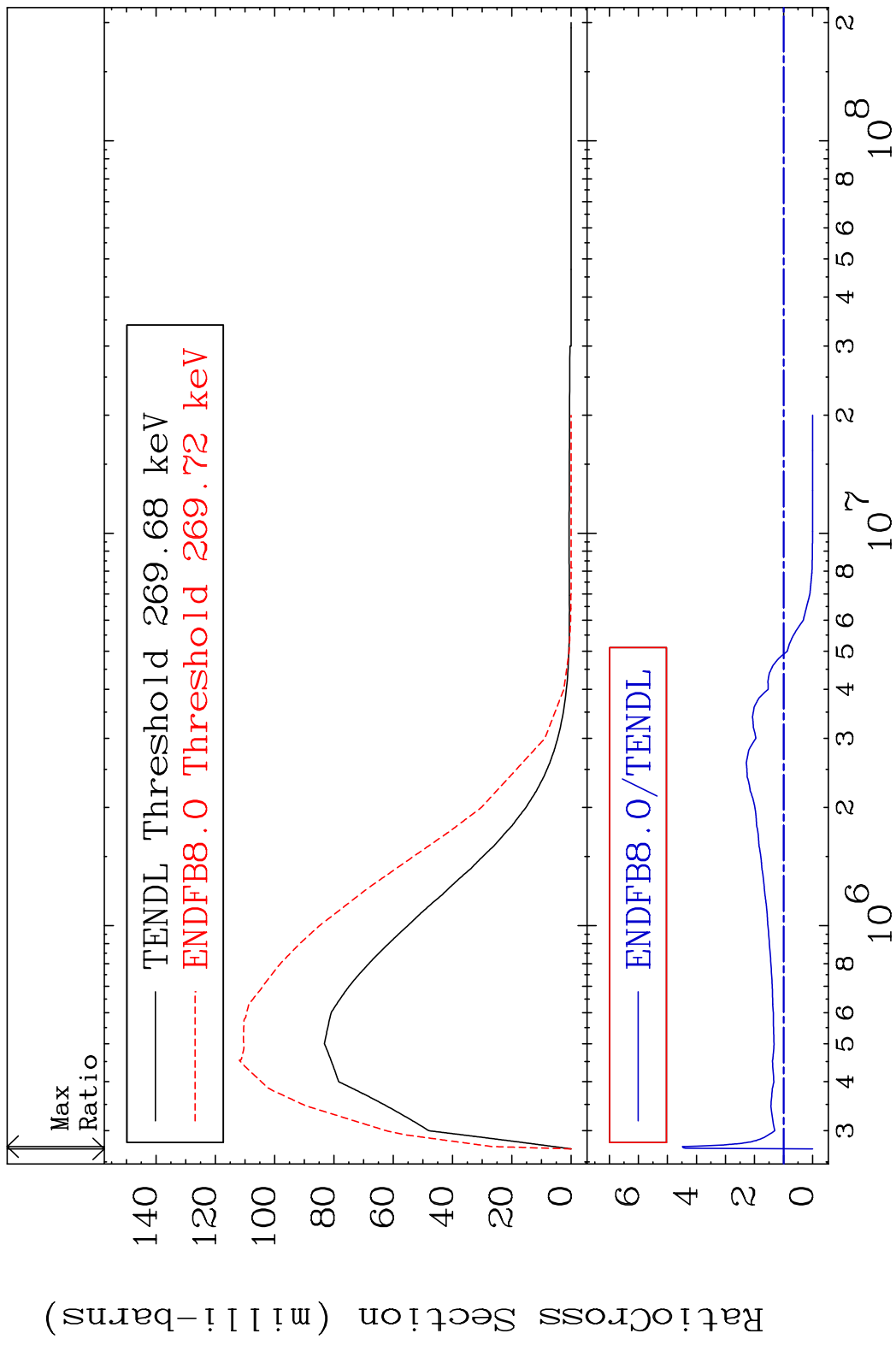


20 Incident Energy (eV) 55-Cs-134

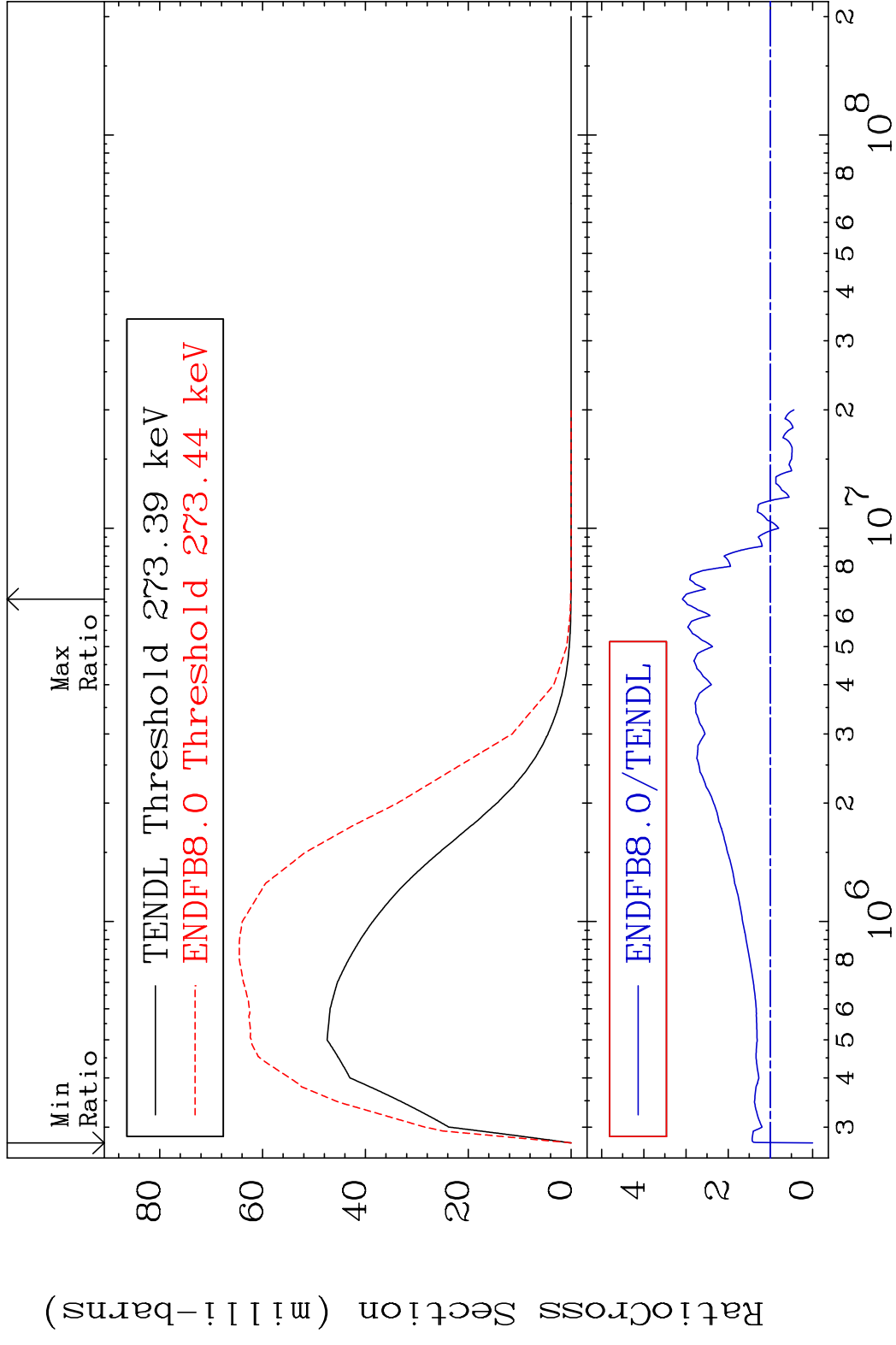
MAT 5528 MT= 62 (n, n') Level 55-Cs-134  
 Cross Section -57.39 To 216.4 %



MAT 5528 MT= 63 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 348.6 %

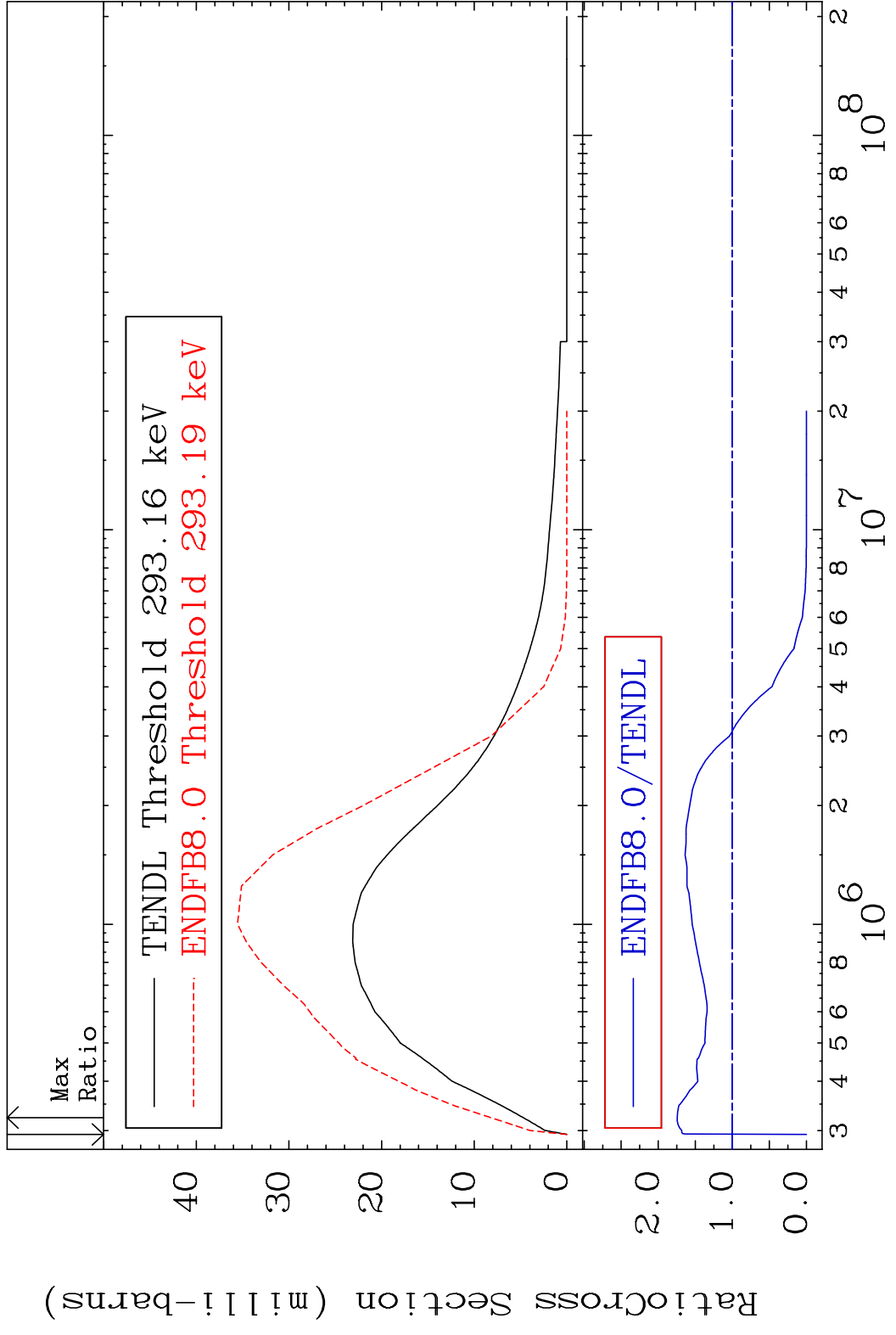


MAT 5528 MT= 64 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 208.5 %

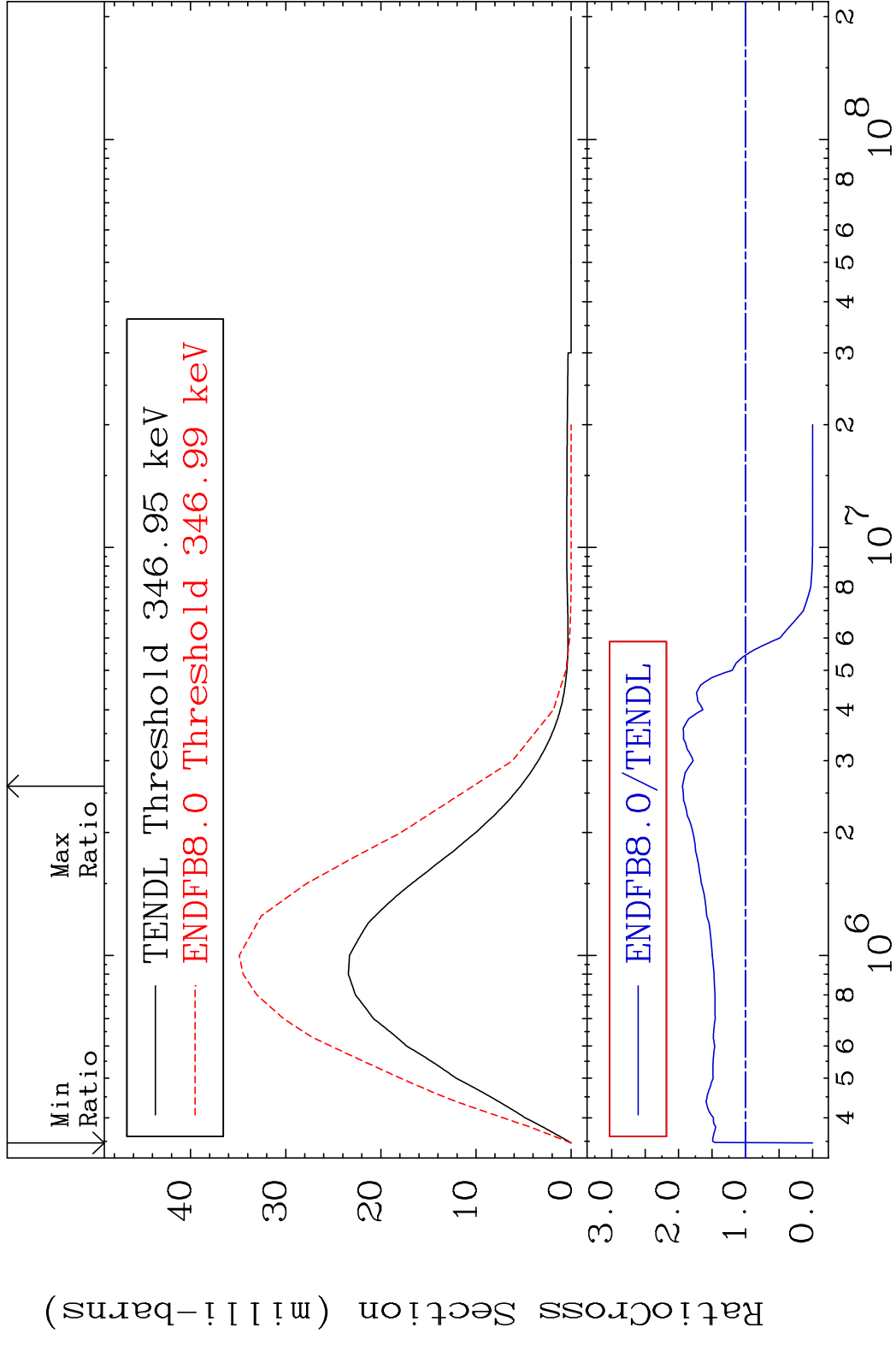




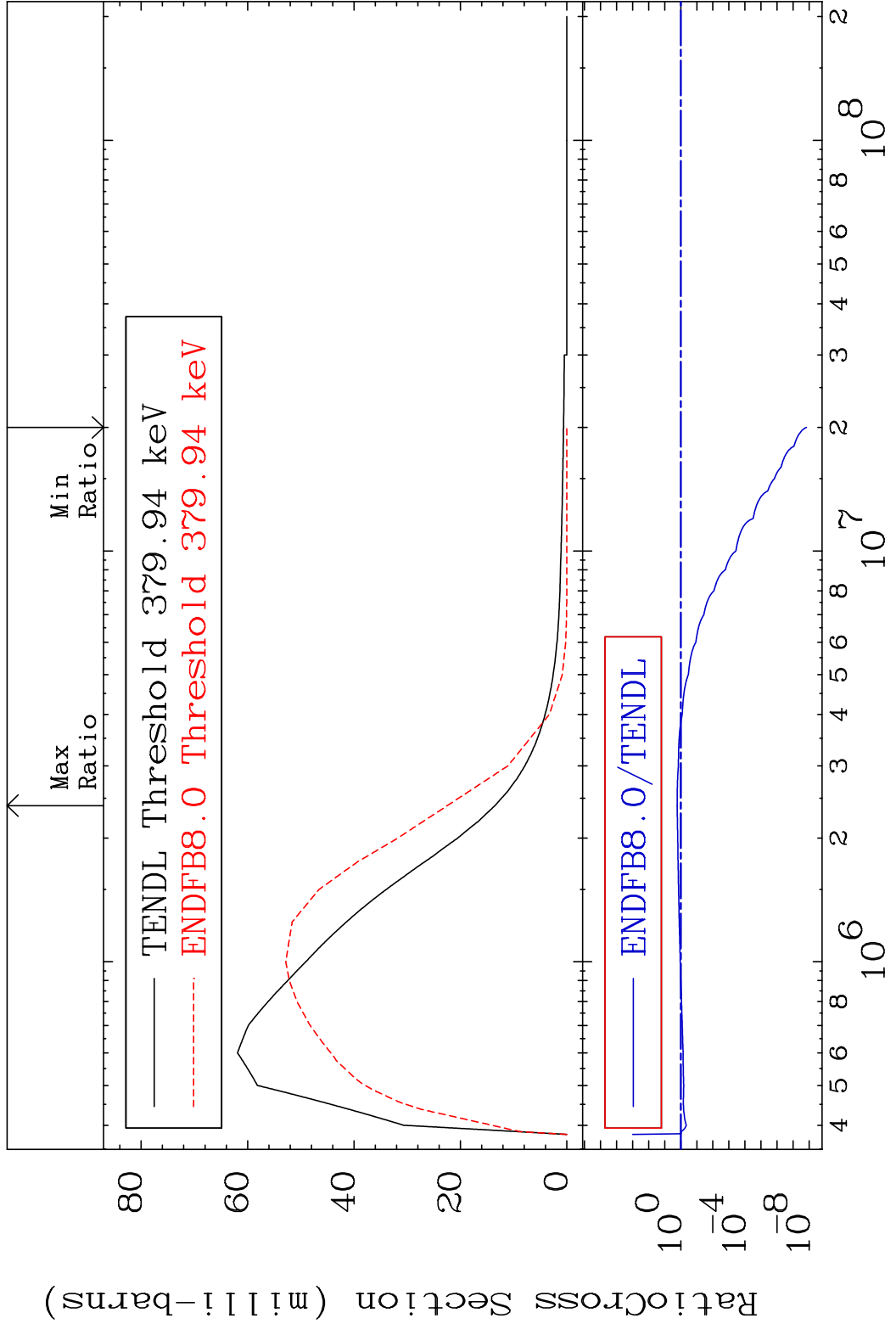
MAT 5528 MT= 65 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 74.43 %



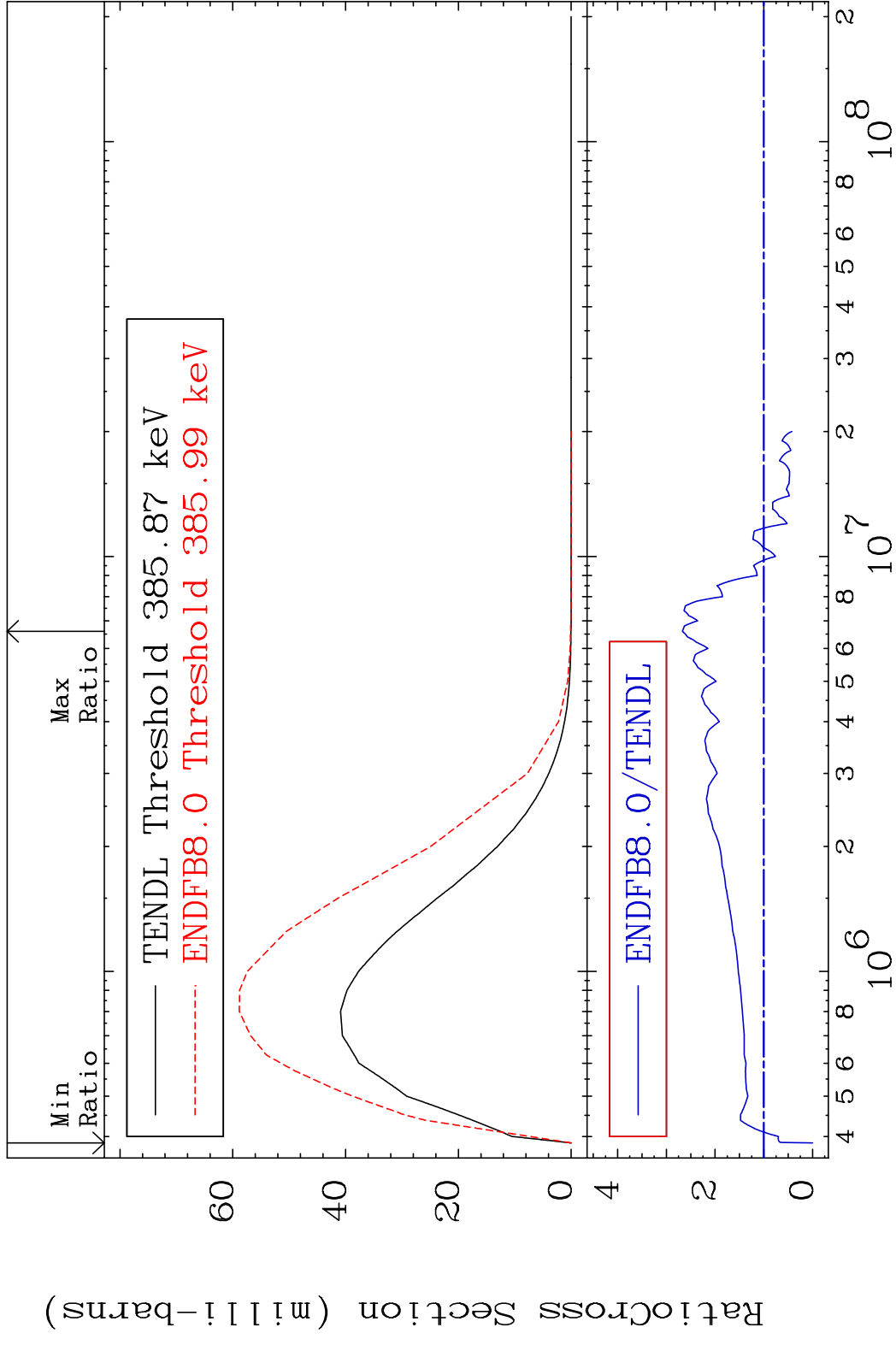
MAT 5528 MT= 66 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 94.42 %



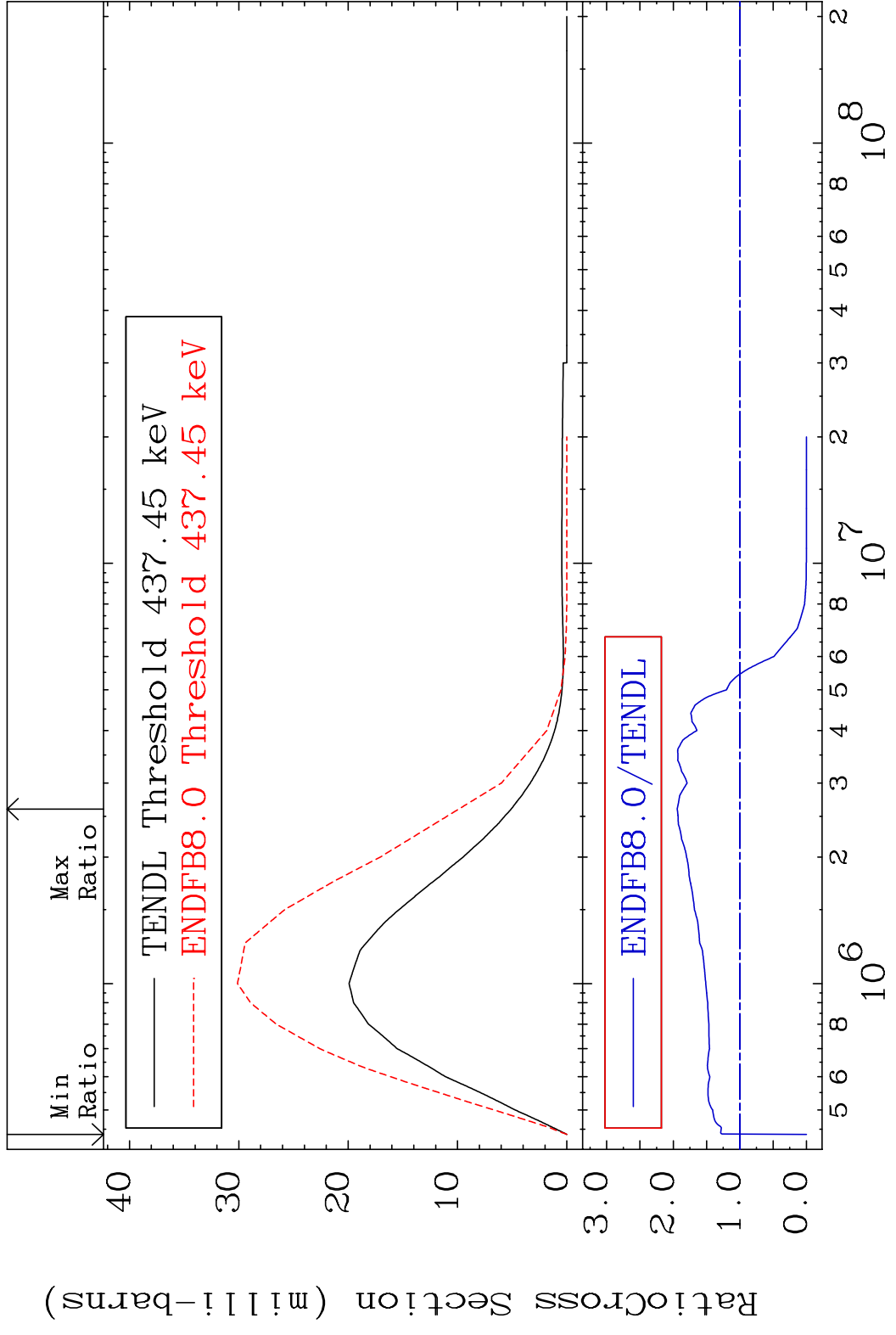
MAT 5528 MT= 67 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 66.54 %



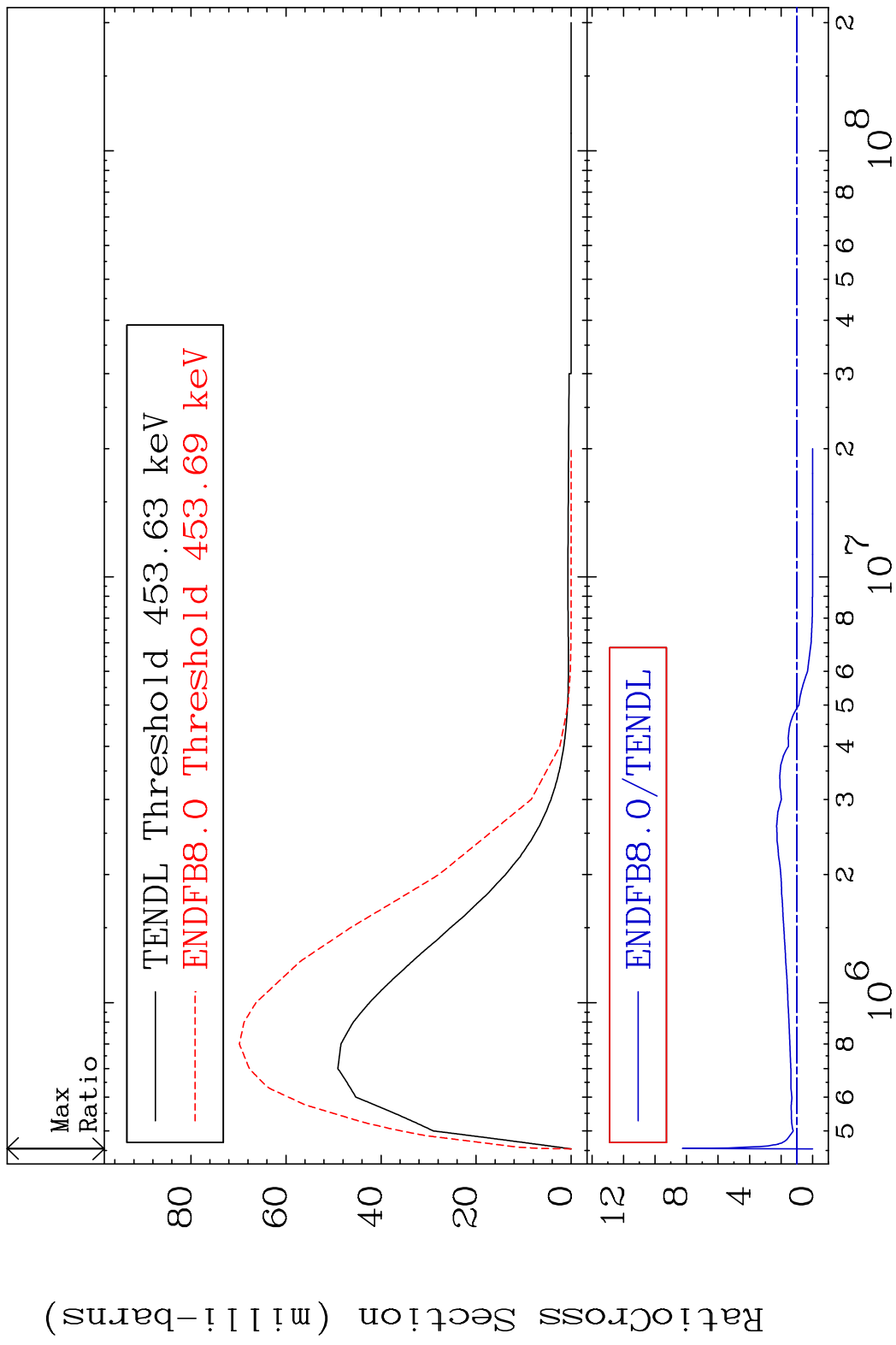
MAT 5528 MT= 68 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 167.2 %



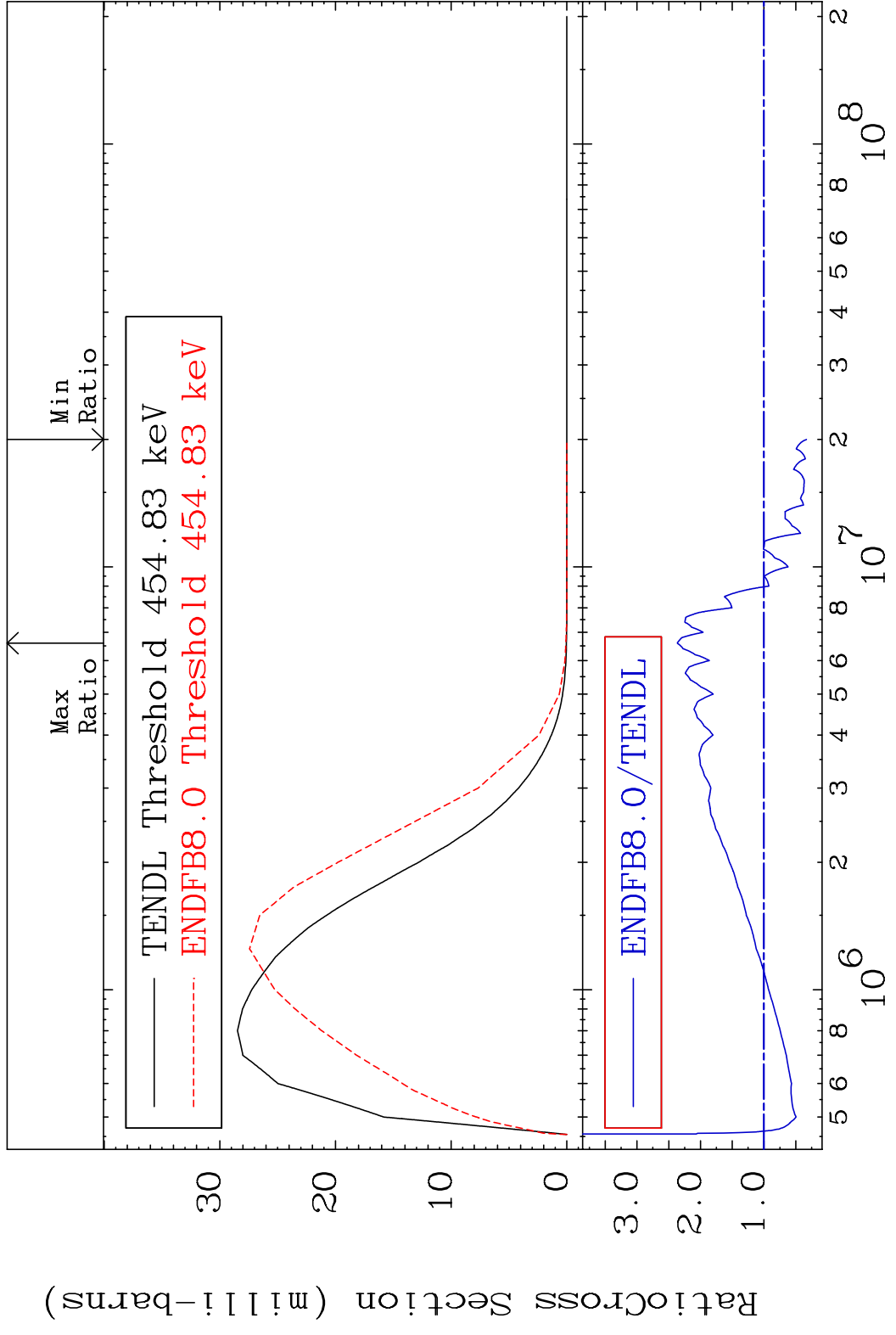
MAT 5528 MT= 69 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 94.11 %



MAT 5528 MT= 70 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 726.8 %

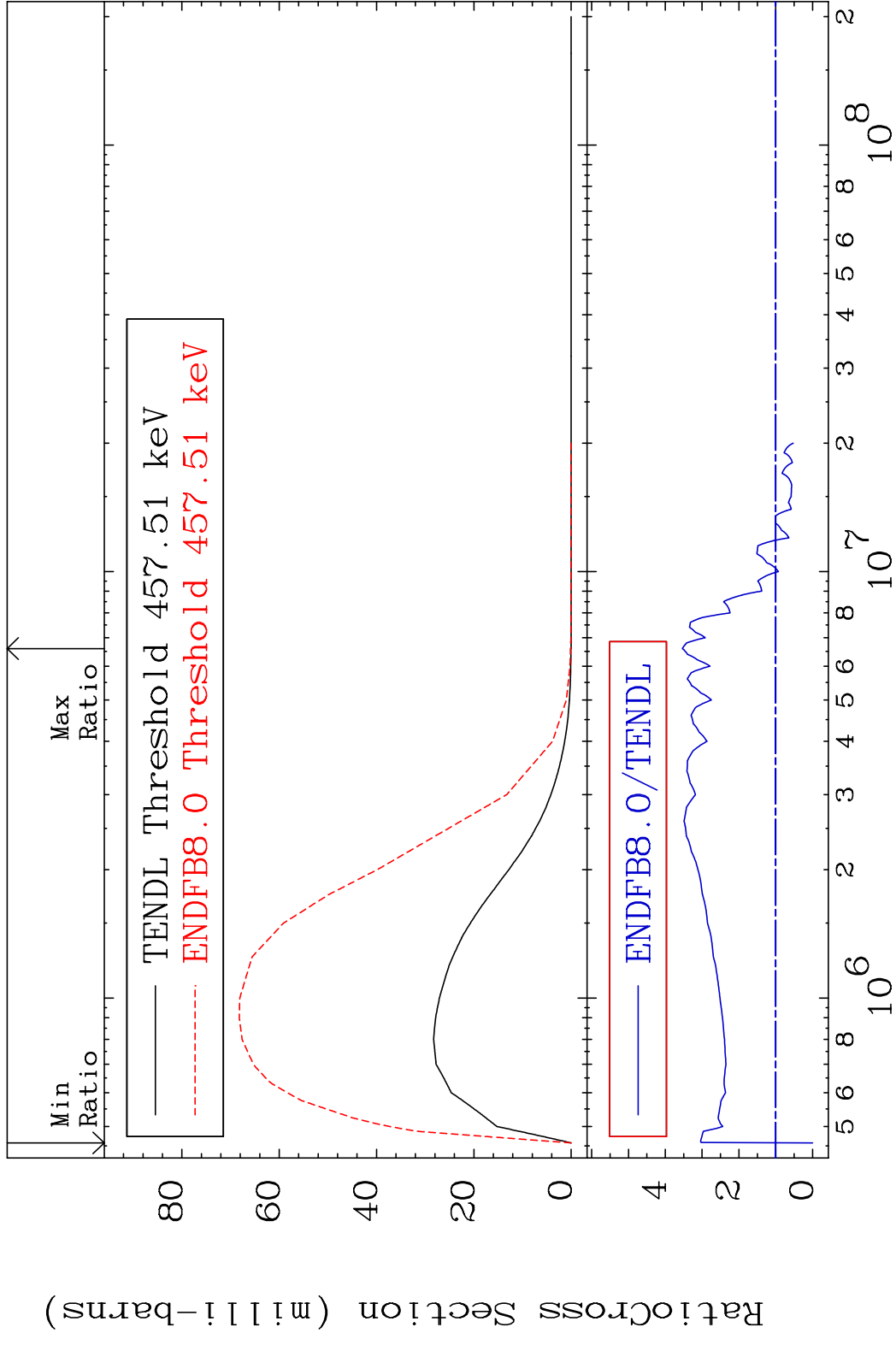


MAT 5528 MT= 71 (n, n') Level 55-Cs-134  
 Cross Section -66.77 To 136.7 %



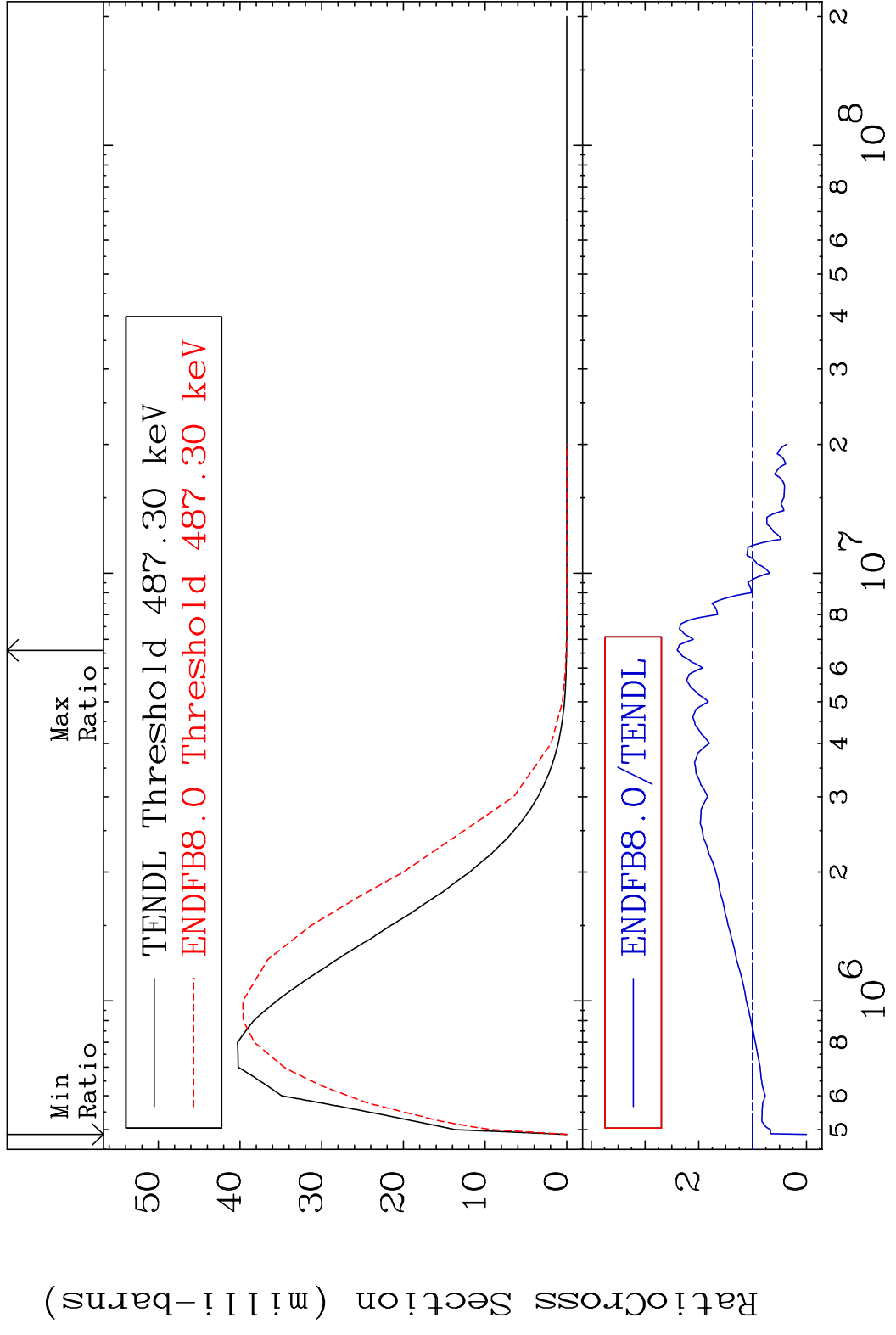
30 Incident Energy (eV) 55-Cs-134

MAT 5528 MT= 72 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 253.6 %

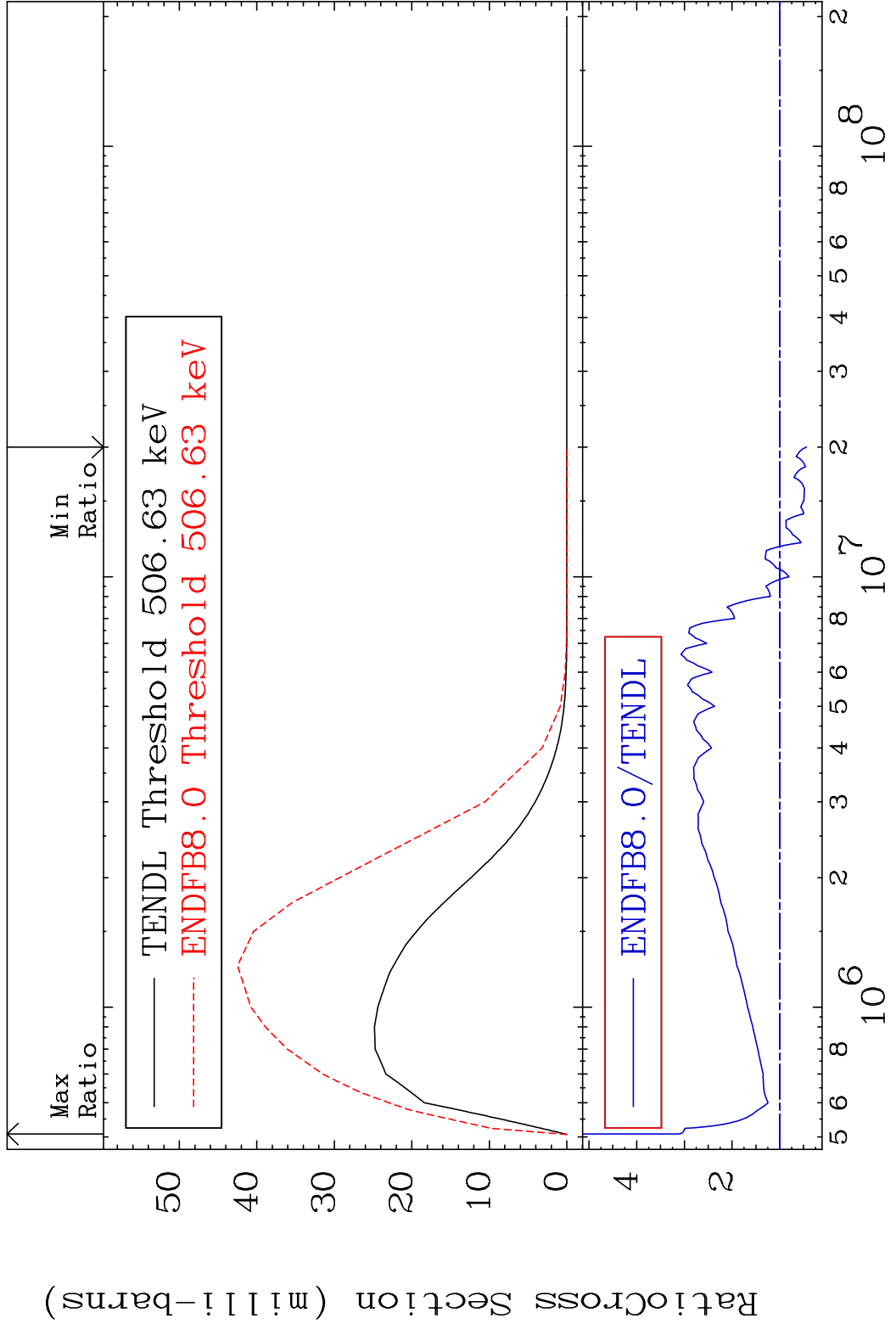




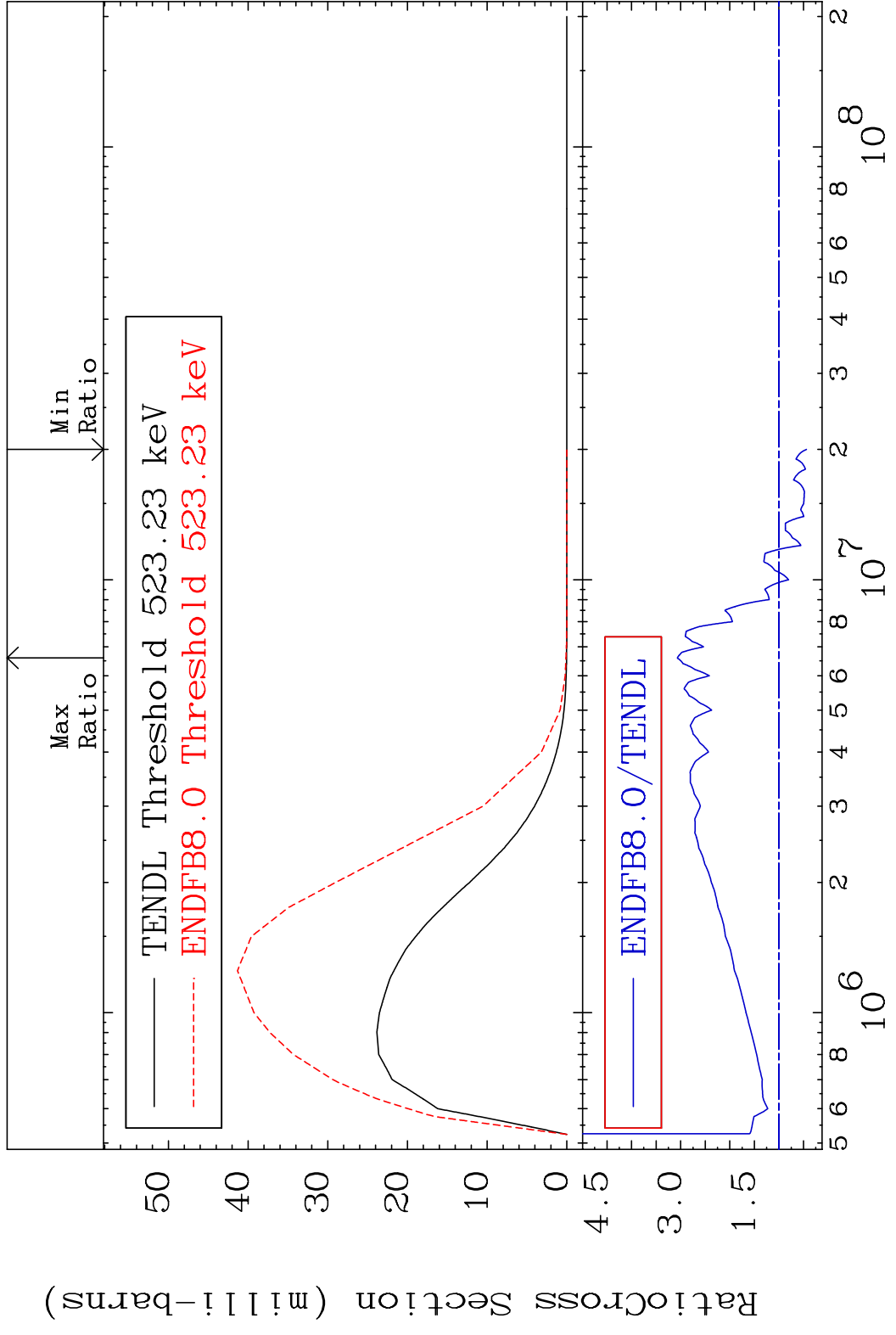
MAT 5528 MT= 73 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 140.1 %



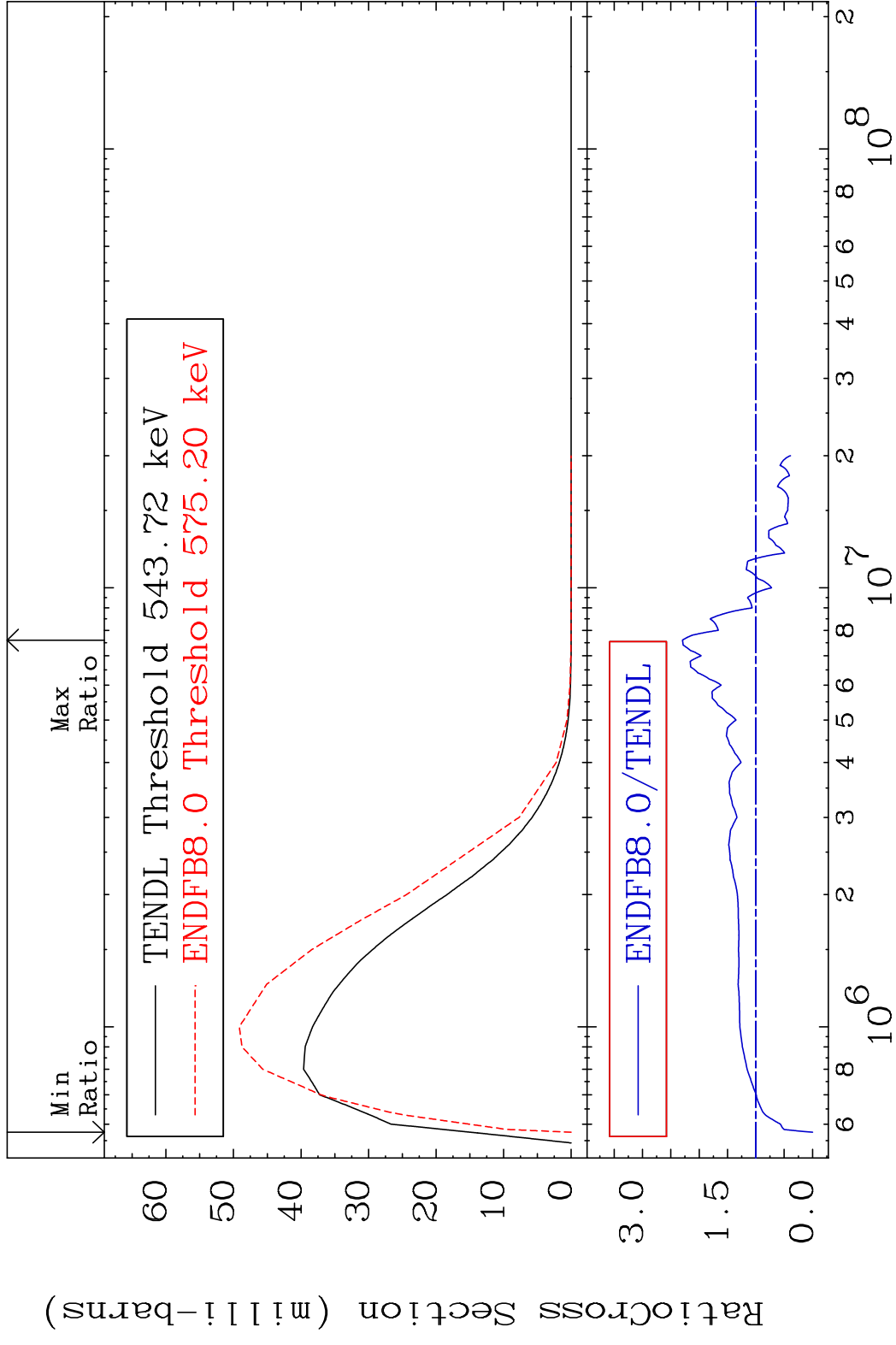
MAT 5528 MT= 74 (n,n') Level 55-Cs-134  
 Cross Section -55.93 To 215.0 %



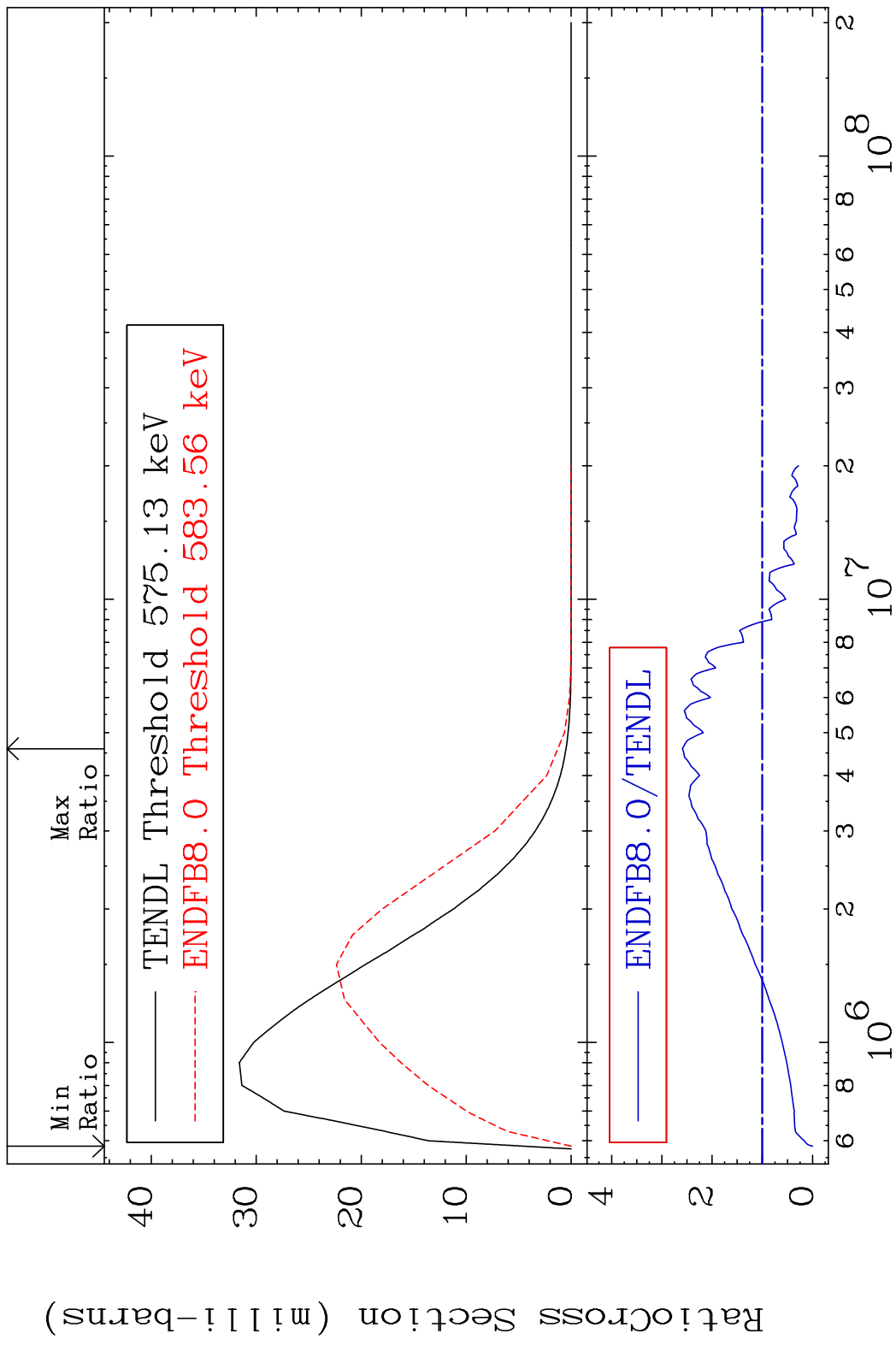
MAT 5528 MT= 75 (n, n') Level 55-Cs-134  
 Cross Section -55.93 To 207.1 %



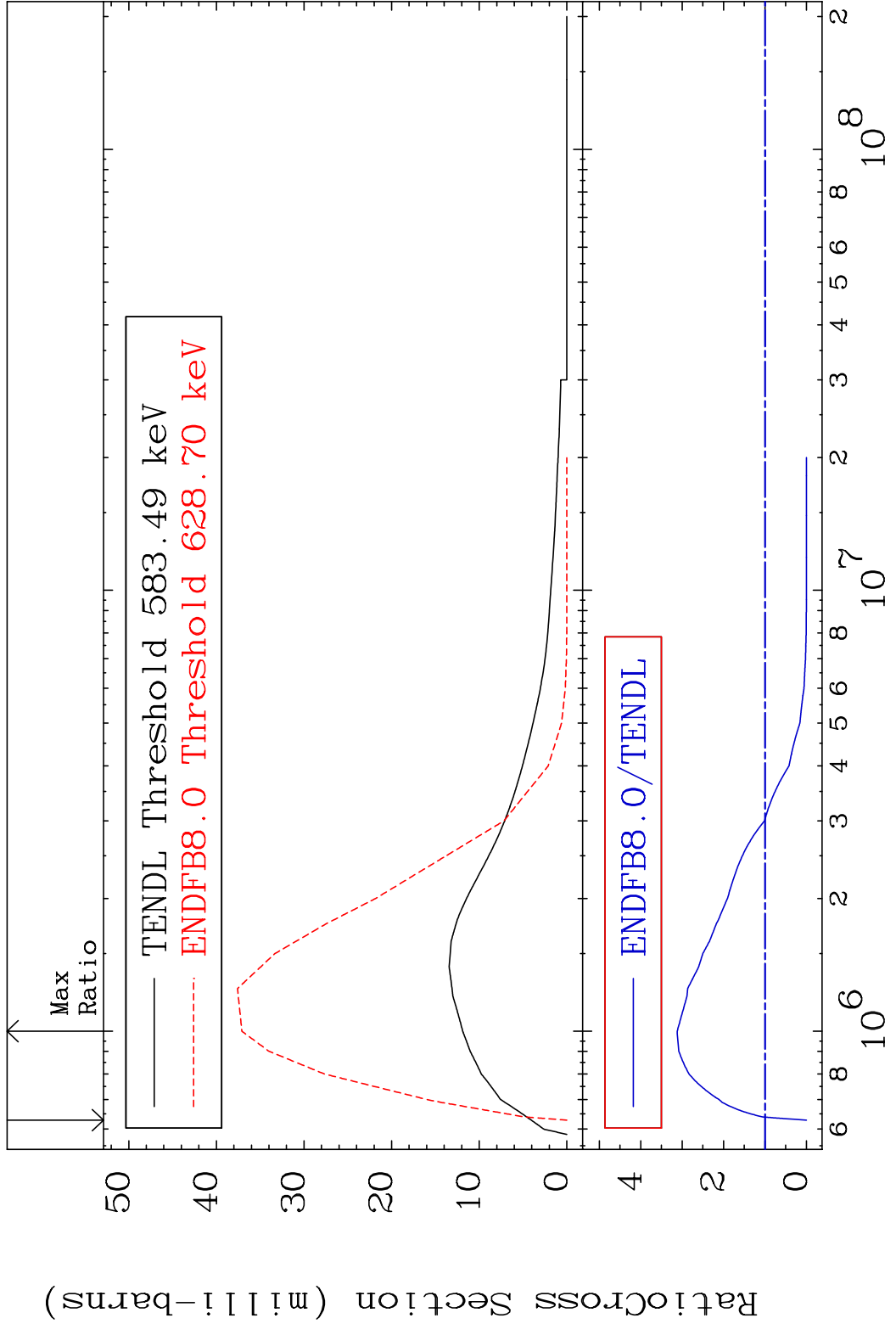
MAT 5528 MT= 76 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 129.6 %



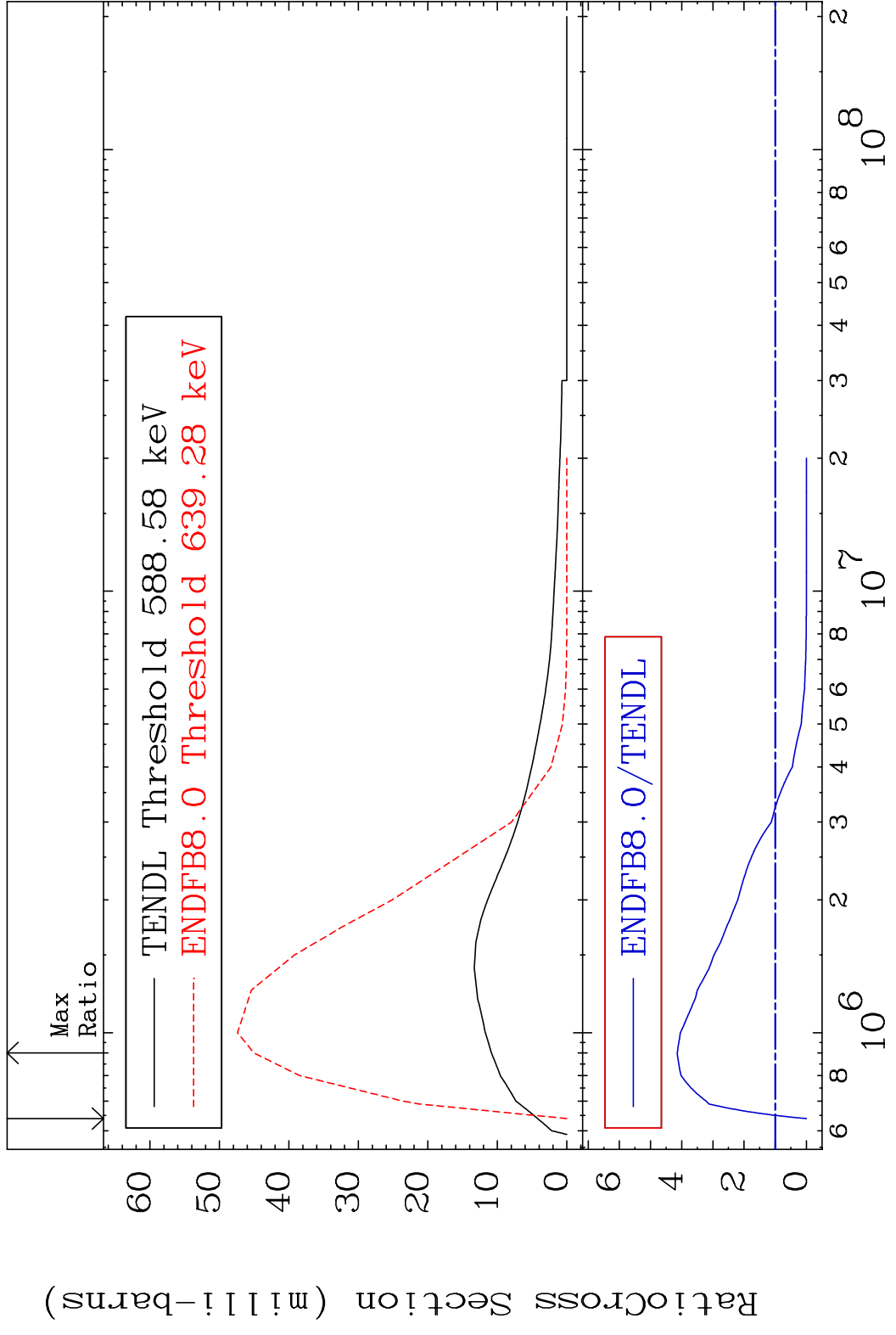
MAT 5528 MT= 77 (n, n') Level 55-Cs-134  
 Cross Section -100.0 To 159.1 %



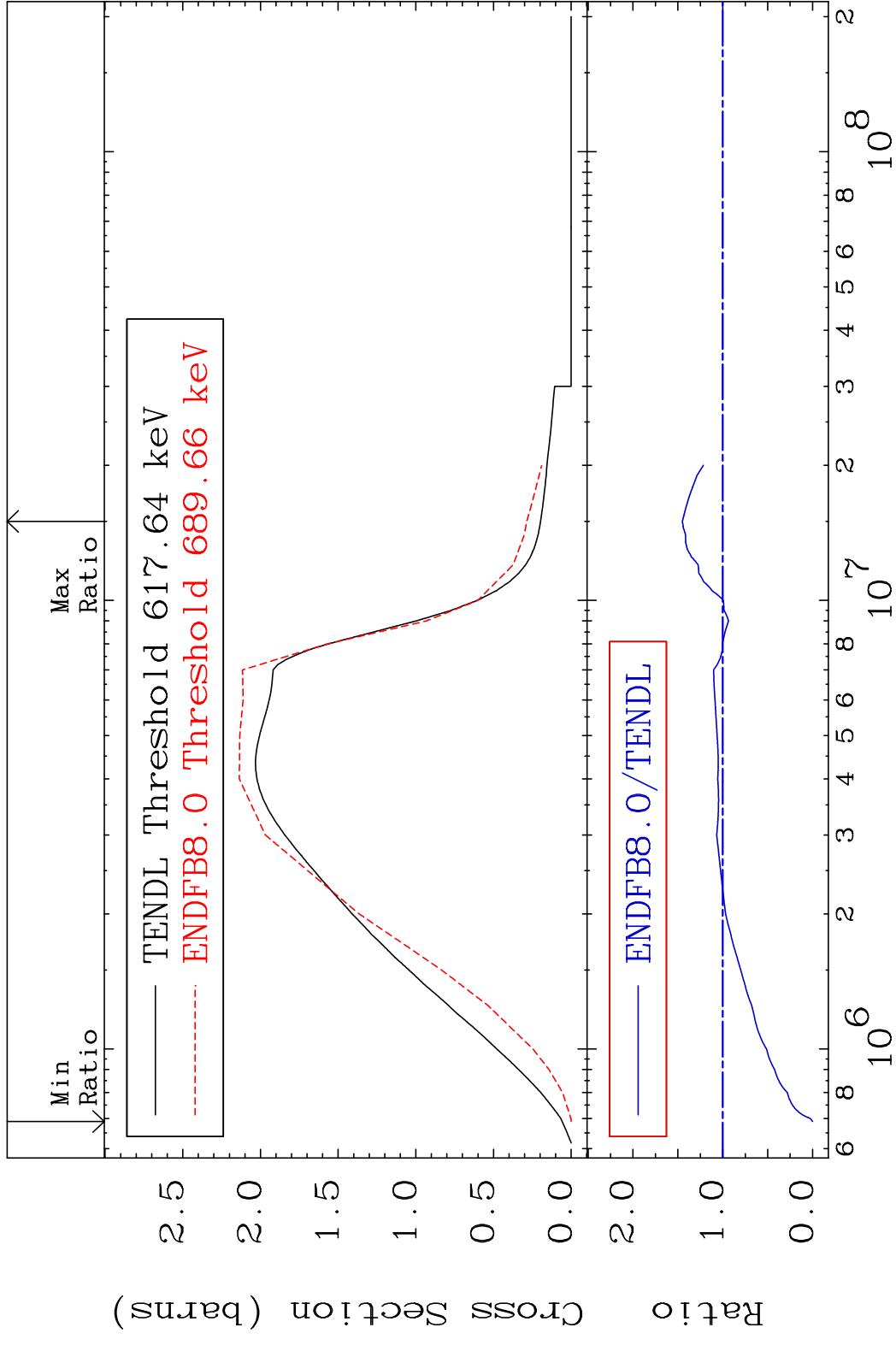
MAT 5528 MT= 78 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 212.0 %



MAT 5528 MT= 79 (n,n') Level 55-Cs-134  
 Cross Section -100.0 To 314.6 %



MAT 5528 (n,n') Continuum 55-Cs-134  
 Cross Section -100.0 To 45.03 %



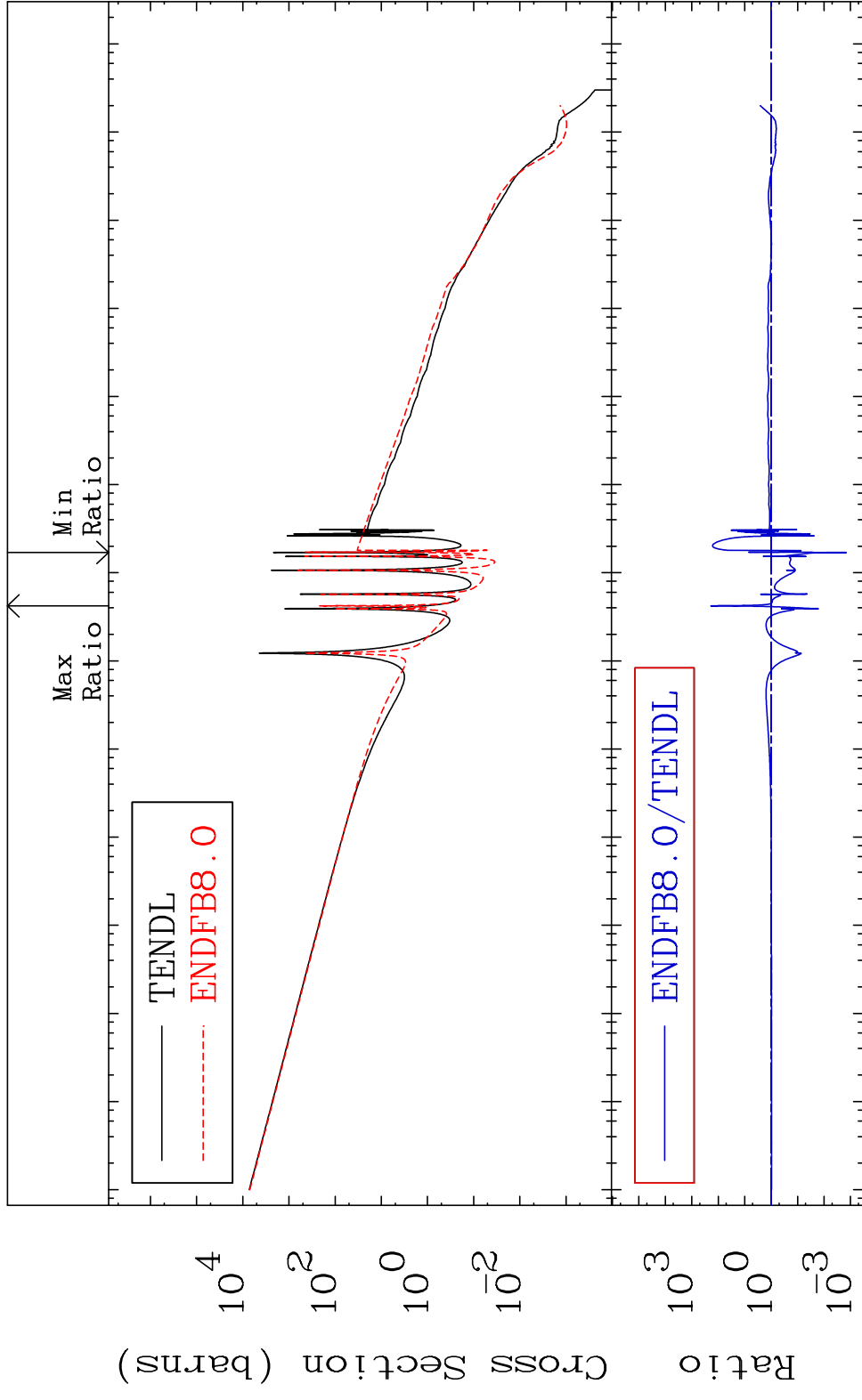


MAT 5528

55-Cs-134

(n,  $\gamma$ )

Cross Section -99.86 To 9999. %



Ratio

40

Incident Energy (eV)

55-Cs-134

MAT 5528

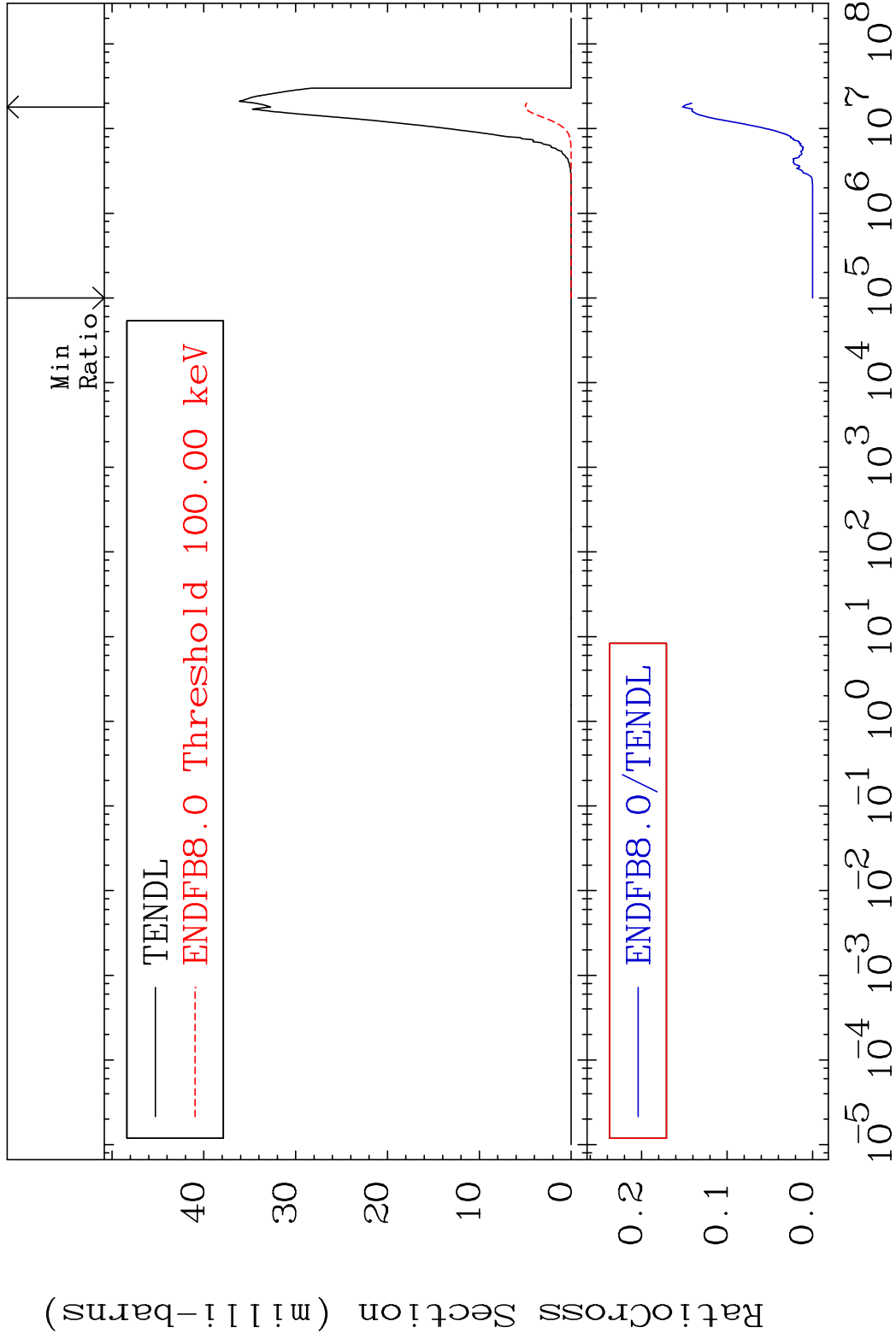
(n, p)

55-Cs-134

Cross Section

-100.0 To

-84.77%



41

Incident Energy (eV)

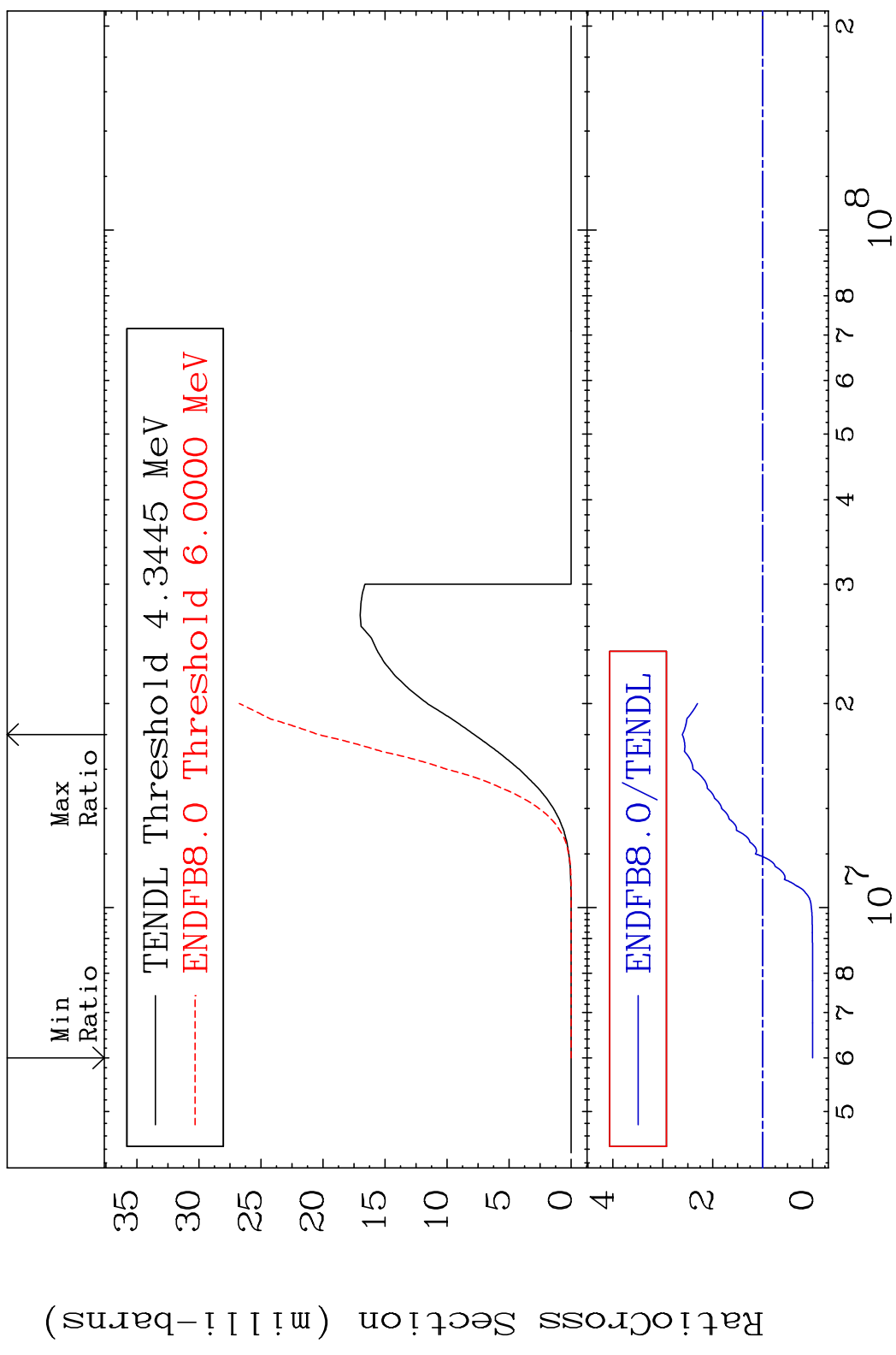
55-Cs-134

MAT 5528

(n,d)

55-Cs-134

Cross Section -100.0 To 160.9 %



42

Incident Energy (eV)

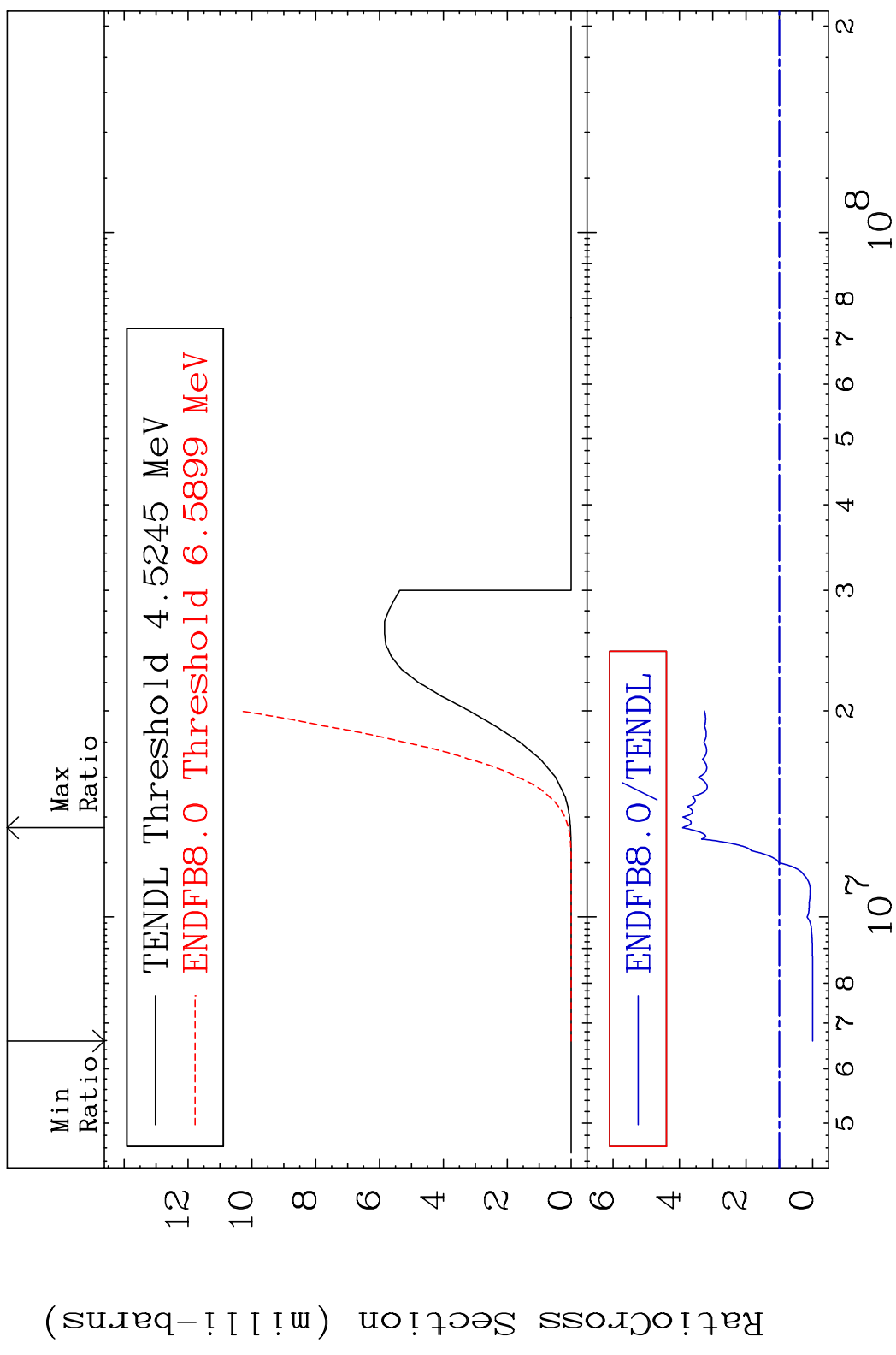
55-Cs-134

MAT 5528

(n, t)

55-Cs-134

Cross Section -100.0 To 291.5 %

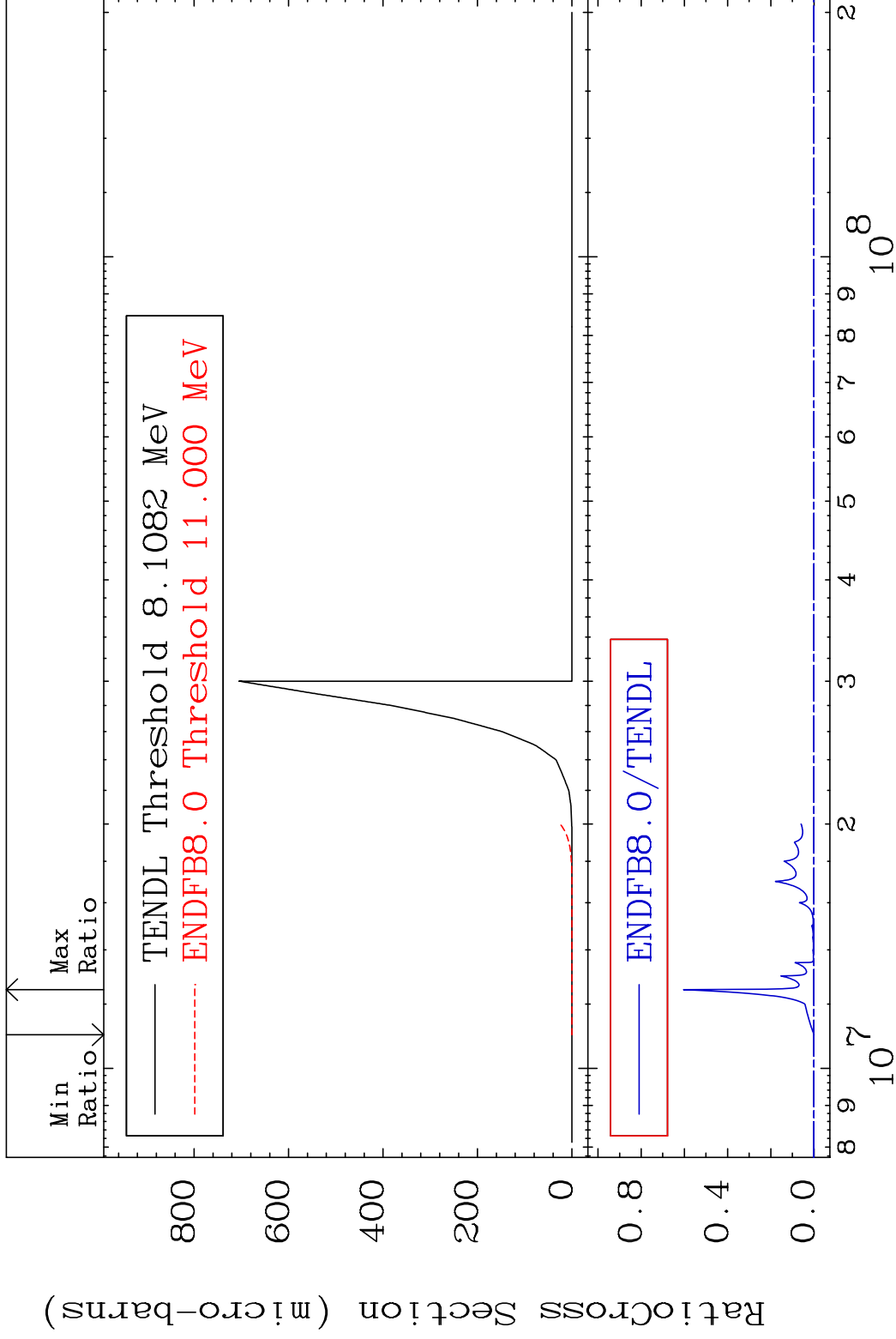


MAT 5528

(n, He-3)

55-Cs-134

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

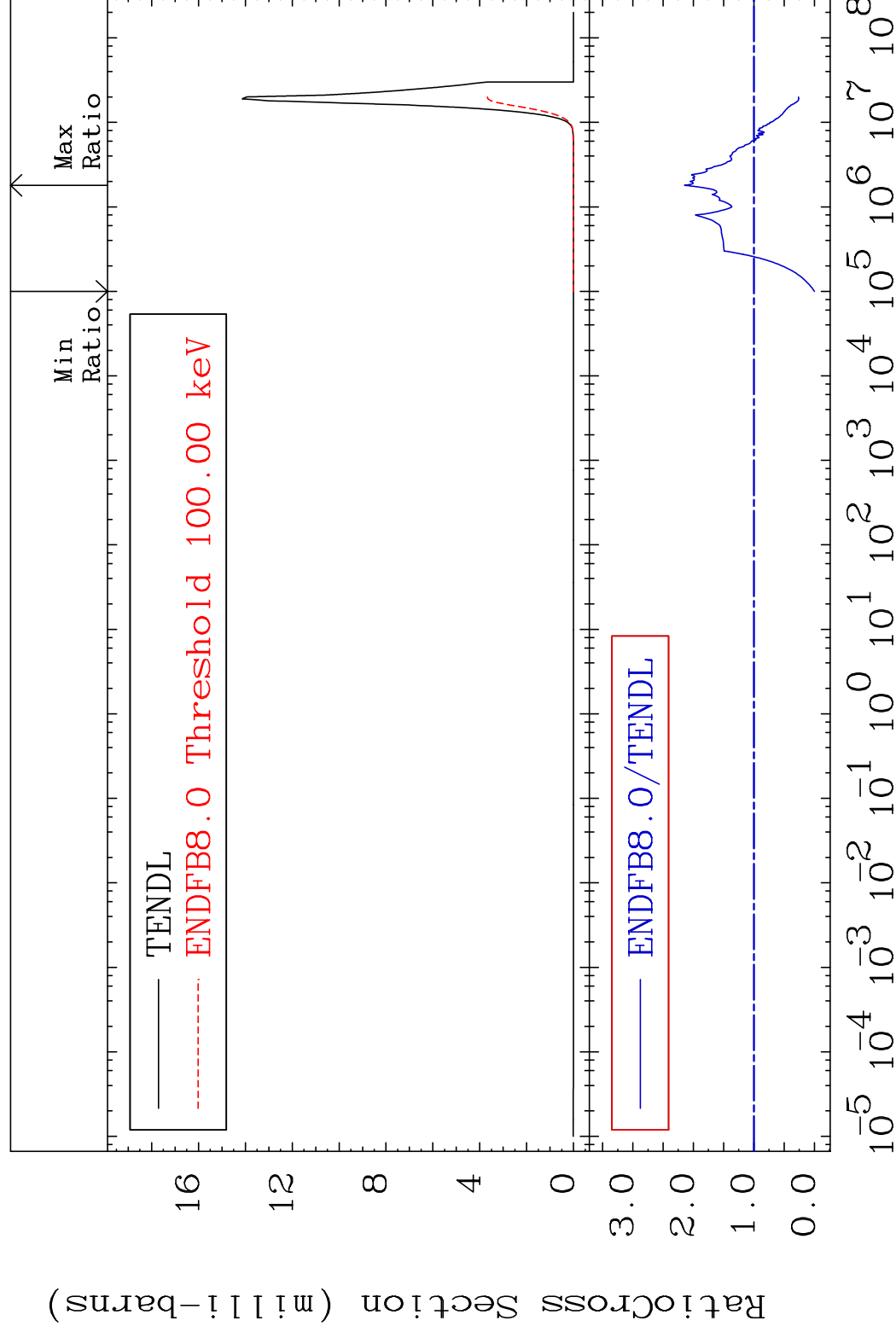
55-Cs-134

MAT 5528

(n,  $\alpha$ )

55-Cs-134

Cross Section -100.0 To 114.7 %

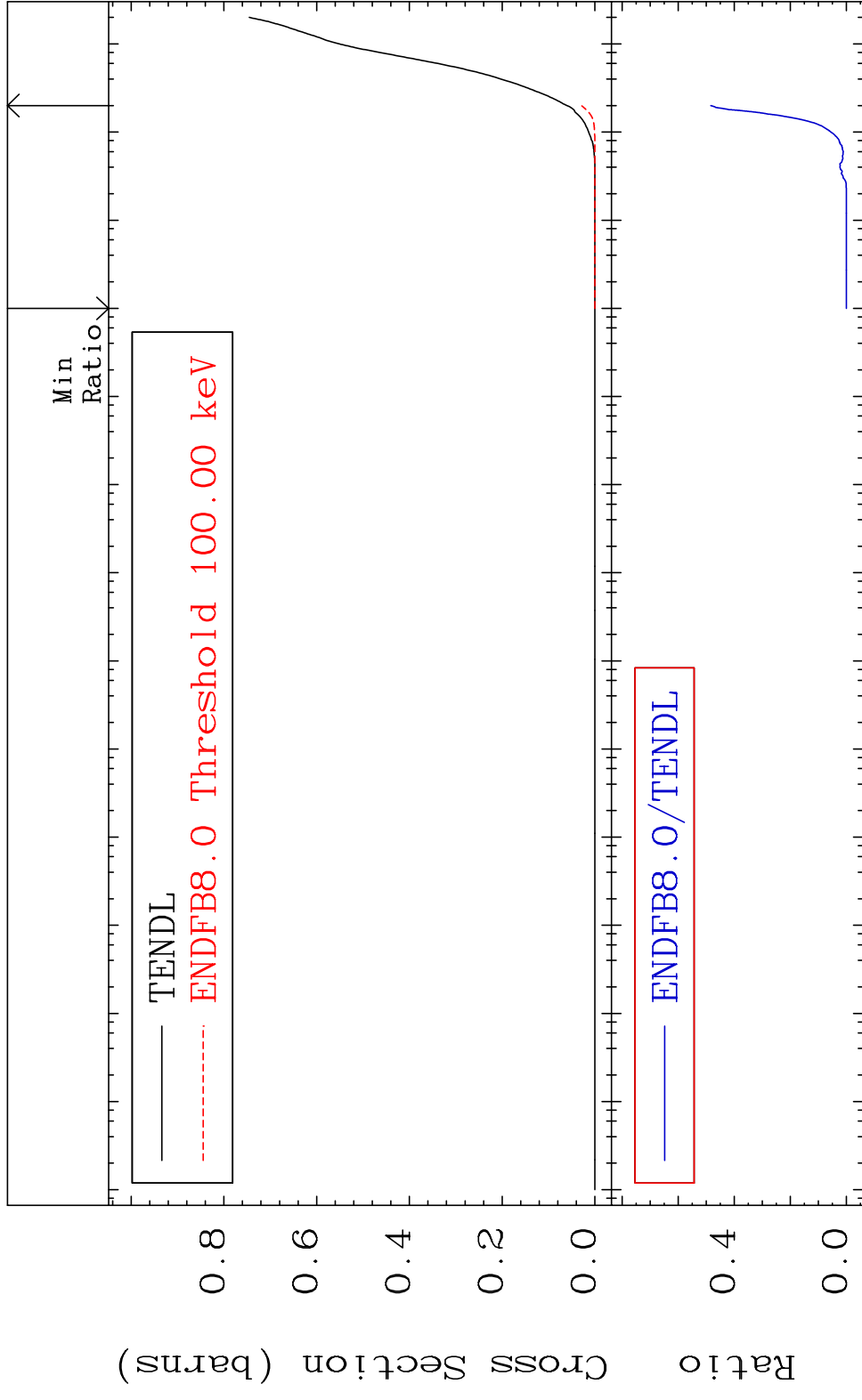


45

Incident Energy (eV)

55-Cs-134

MAT 5528 Hydrogen Production 55-Cs-134  
 Cross Section -100.0 To -51.60%



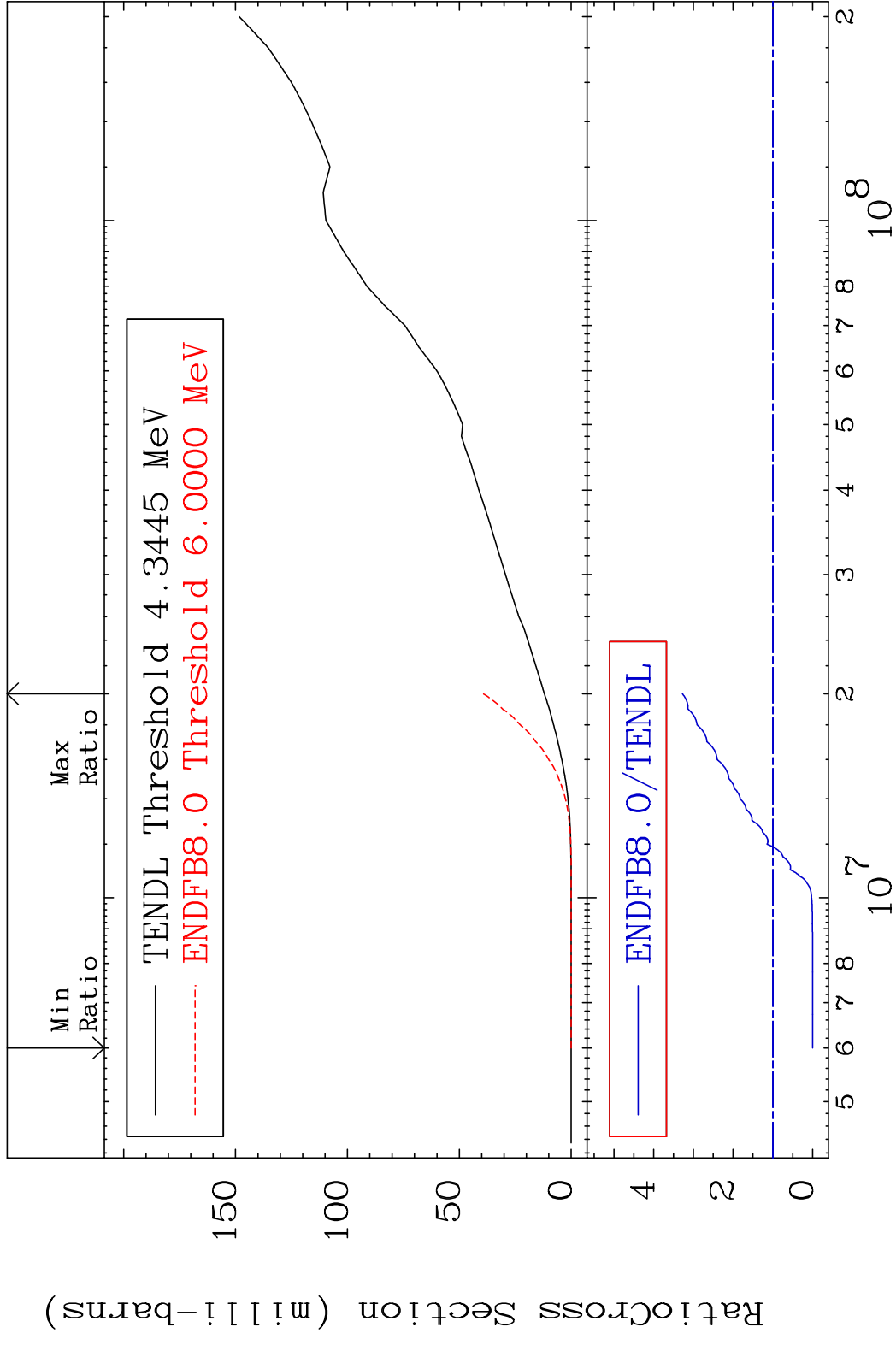
Incident Energy (eV) 55-Cs-134

MAT 5528

Deuterium Production

55-Cs-134

Cross Section -100.0 To 227.7 %



47

Incident Energy (eV)

55-Cs-134

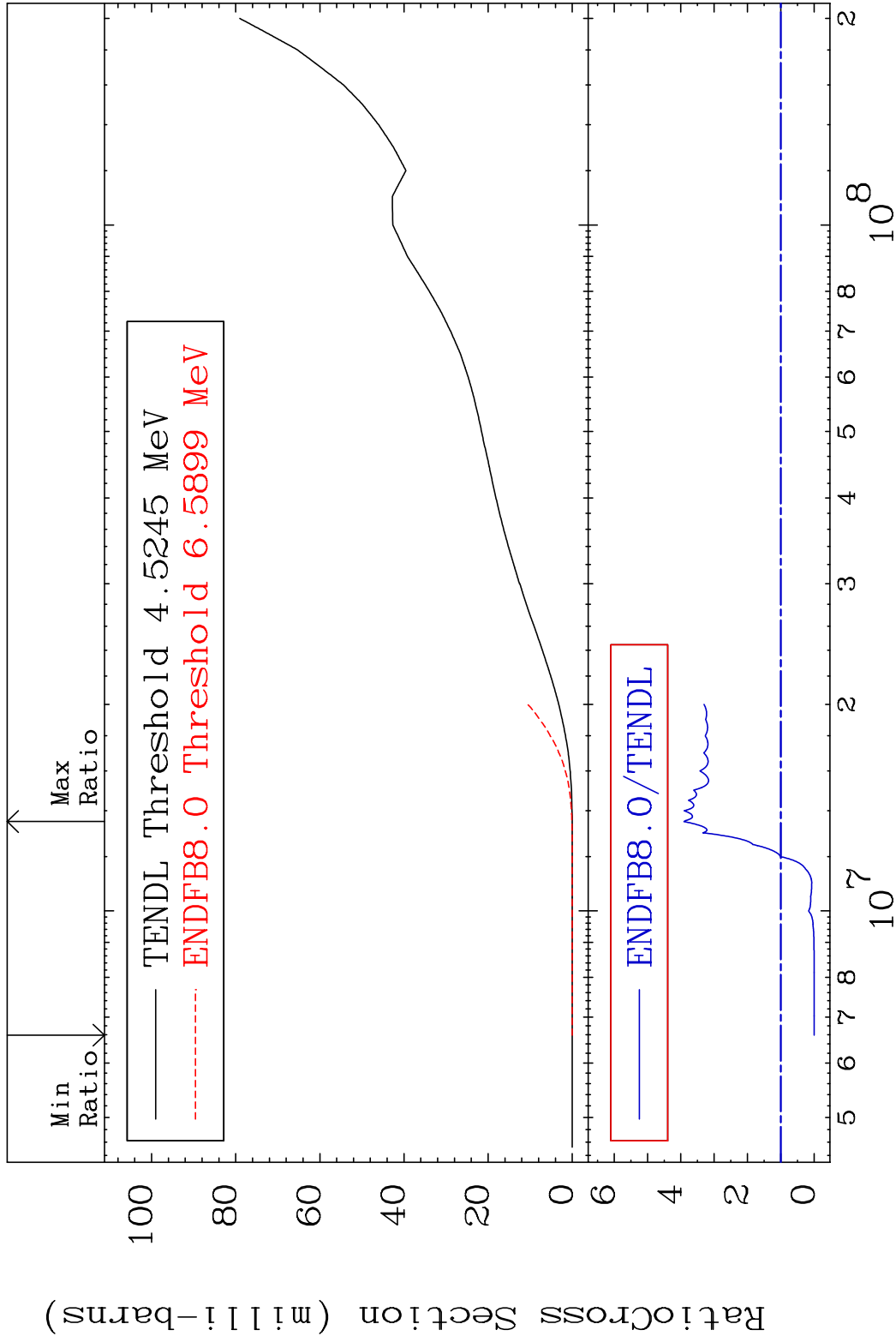


MAT 5528

Tritium Production

55-Cs-134

Cross Section -100.0 To 291.5 %



48

Incident Energy (eV)

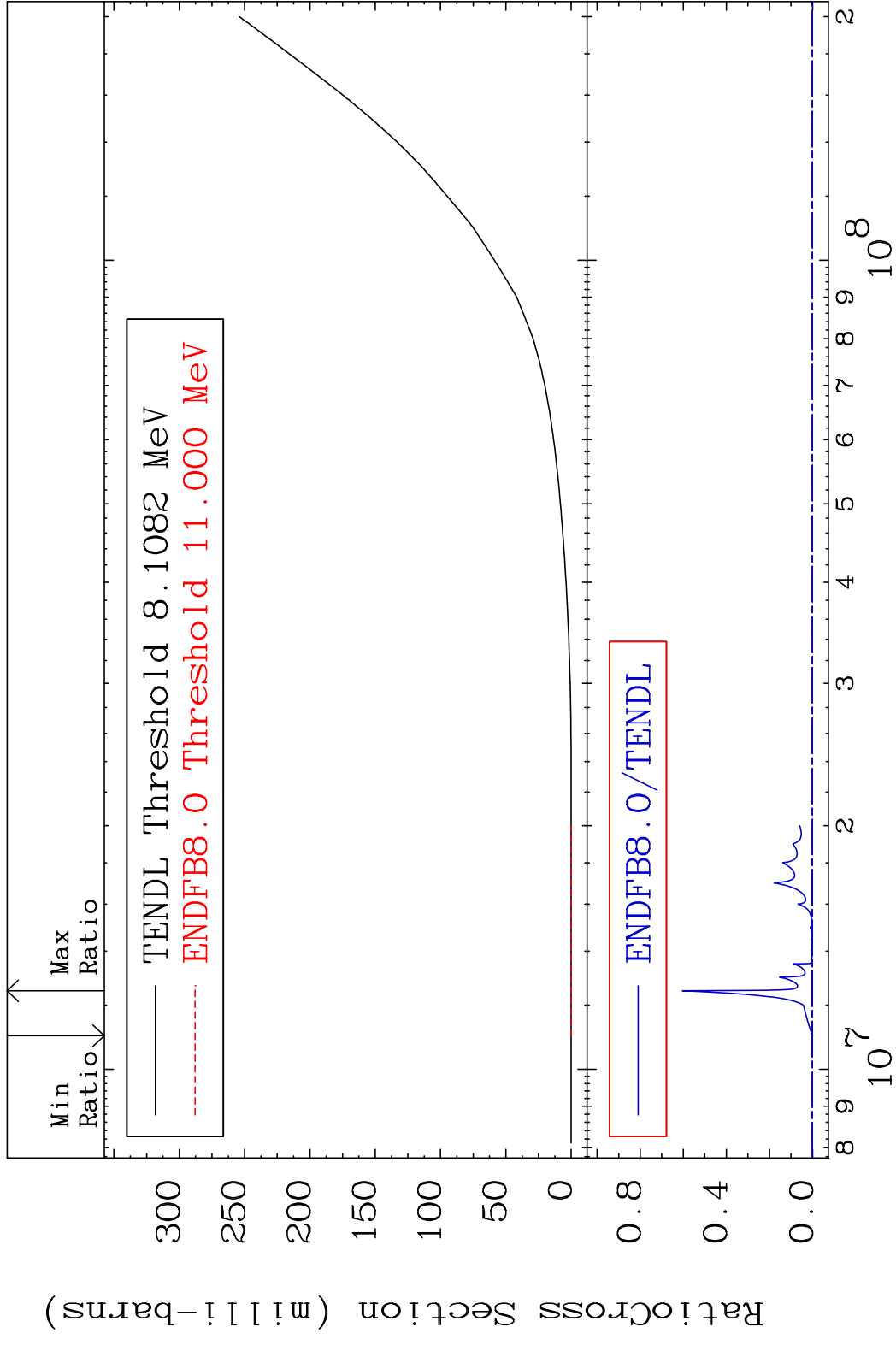
55-Cs-134

MAT 5528

He-3 Production

55-Cs-134

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

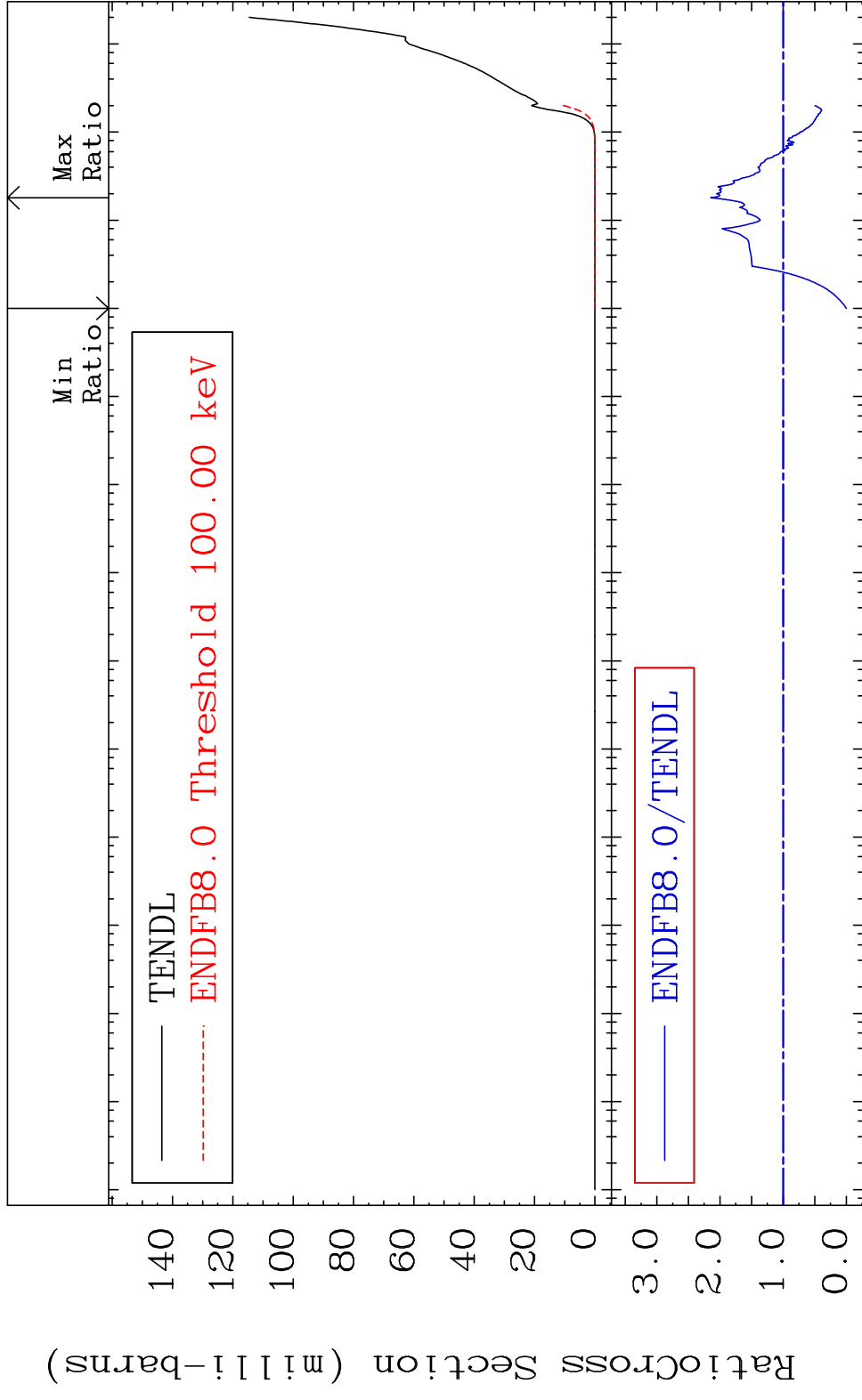
55-Cs-134

MAT 5528

He-4 Production

55-Cs-134

Cross Section -100.0 To 114.7 %

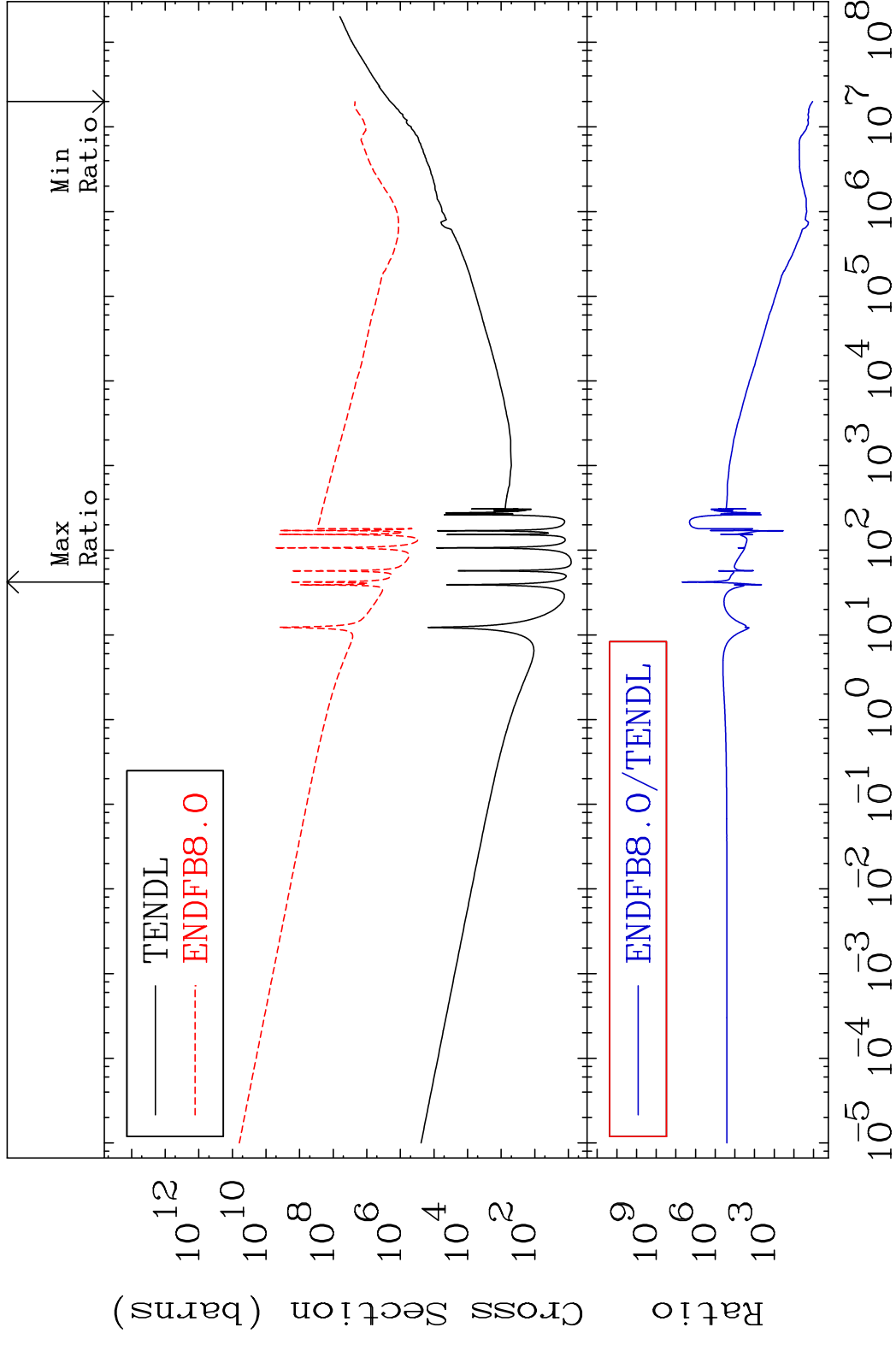


50

Incident Energy (eV)

55-Cs-134

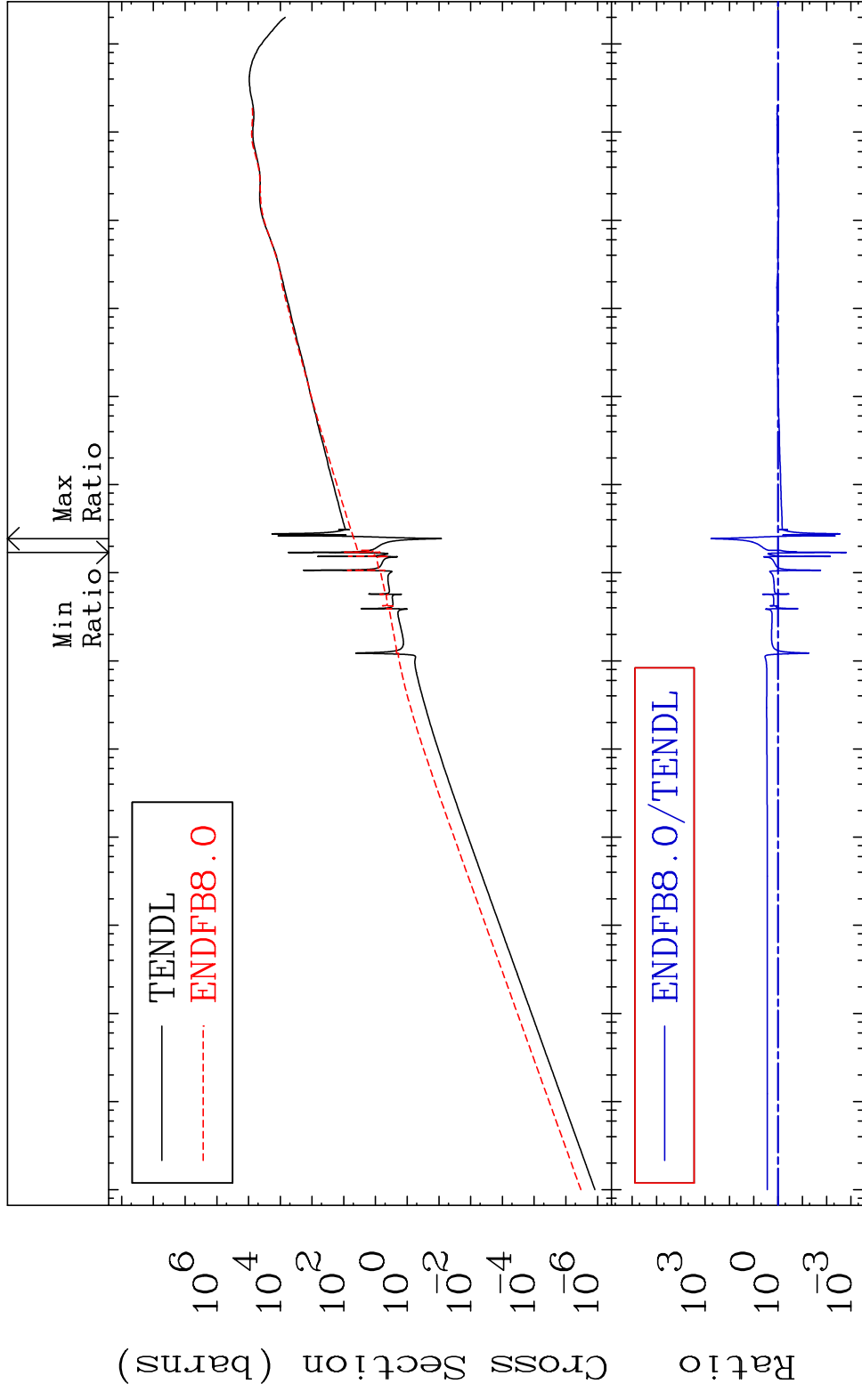
MAT 5528 Kerma total (eV-barns) 55-Cs-134  
 Cross Section 1026. To 9999. %



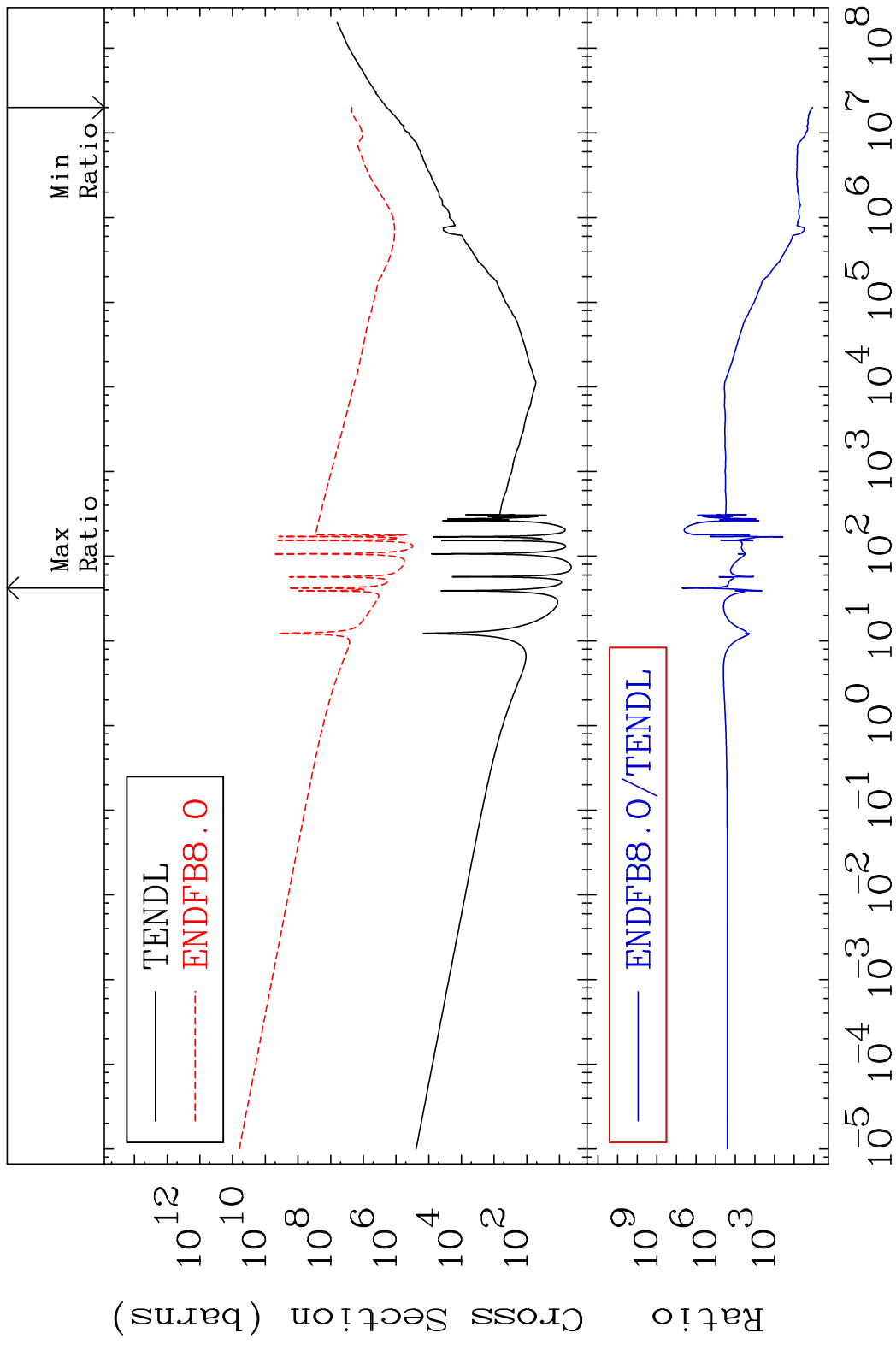
MAT 5528

Kerma elastic  
Cross Section -99.84 To 9999. %

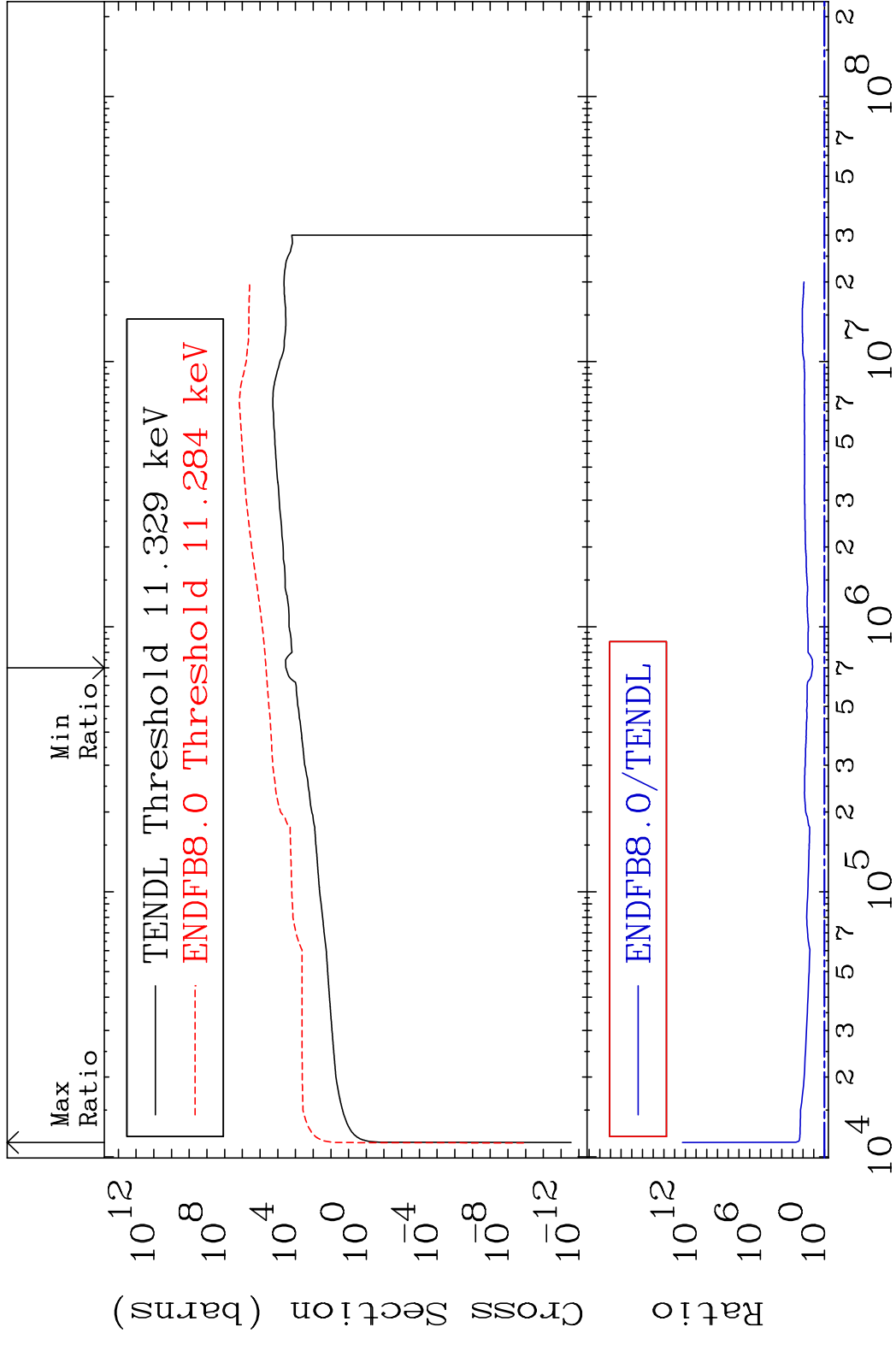
55-Cs-134



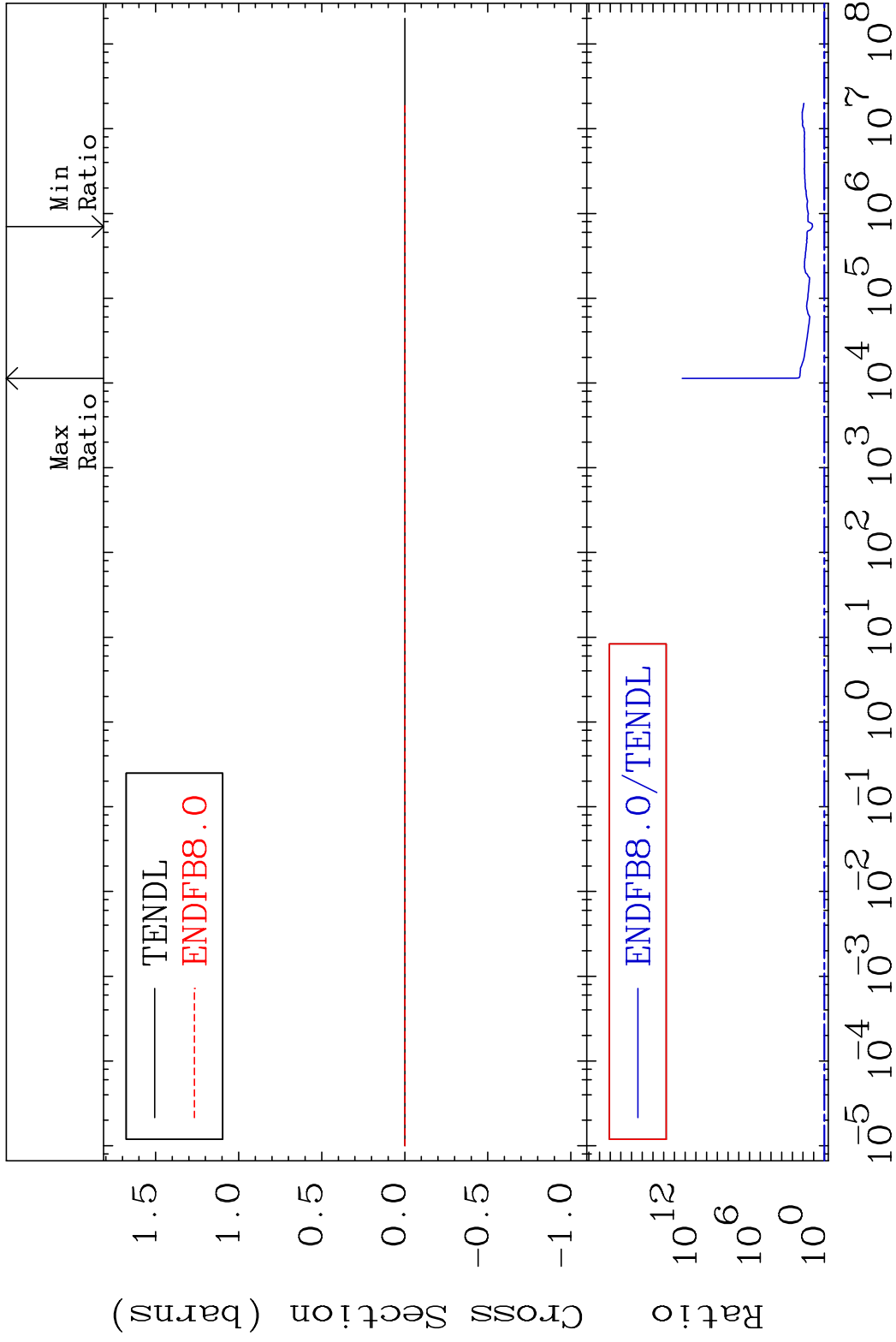
MAT 5528 Kerma non-elastic (all but mt2) 55-Cs-134  
 Cross Section 1064. To 9999. %



MAT 5528 Kerma inelastic (mt51-91) 55-Cs-134  
 Cross Section 1220. To 9999. %

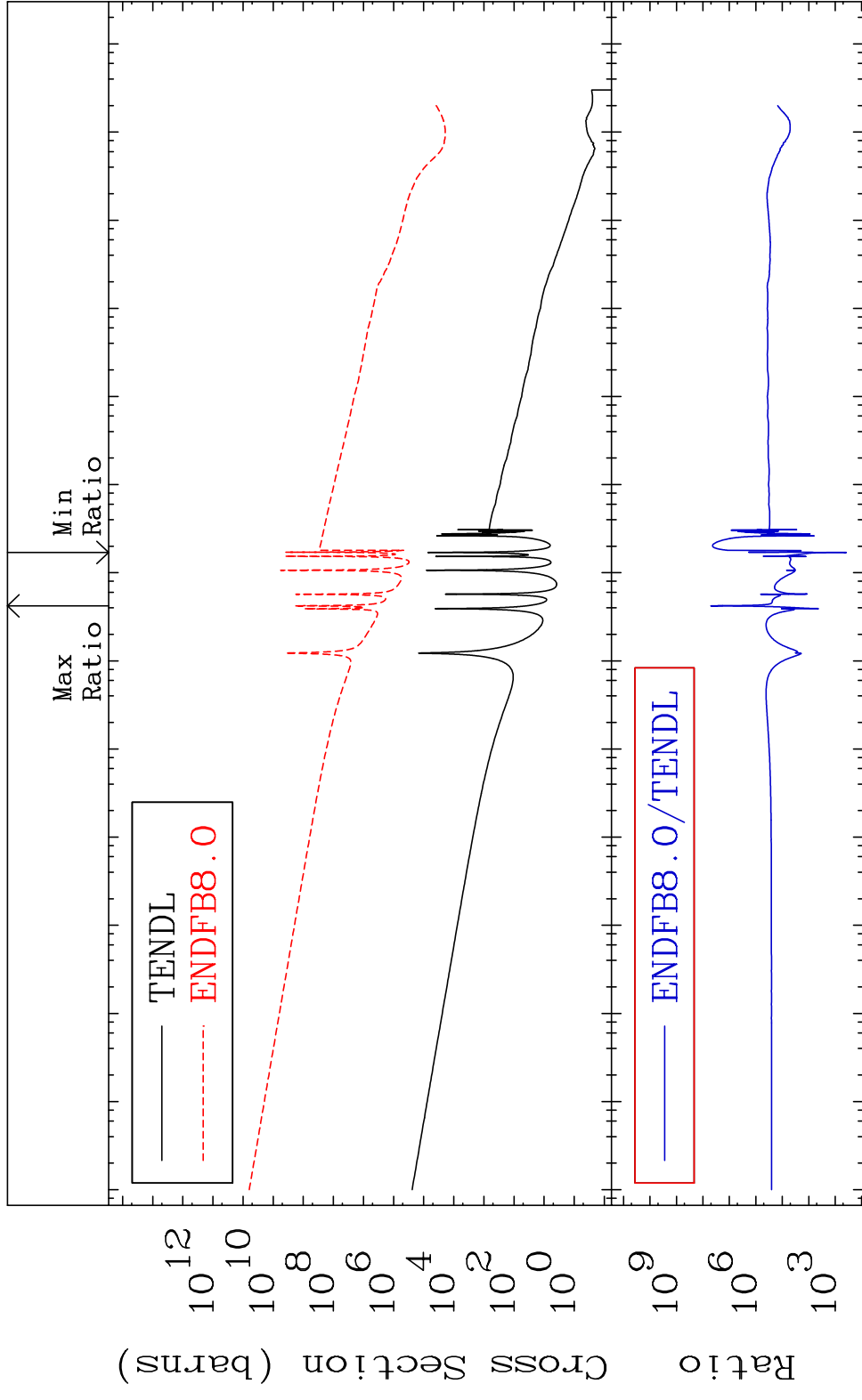


MAT 5528 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-134  
 Cross Section 1220. To 9999. %

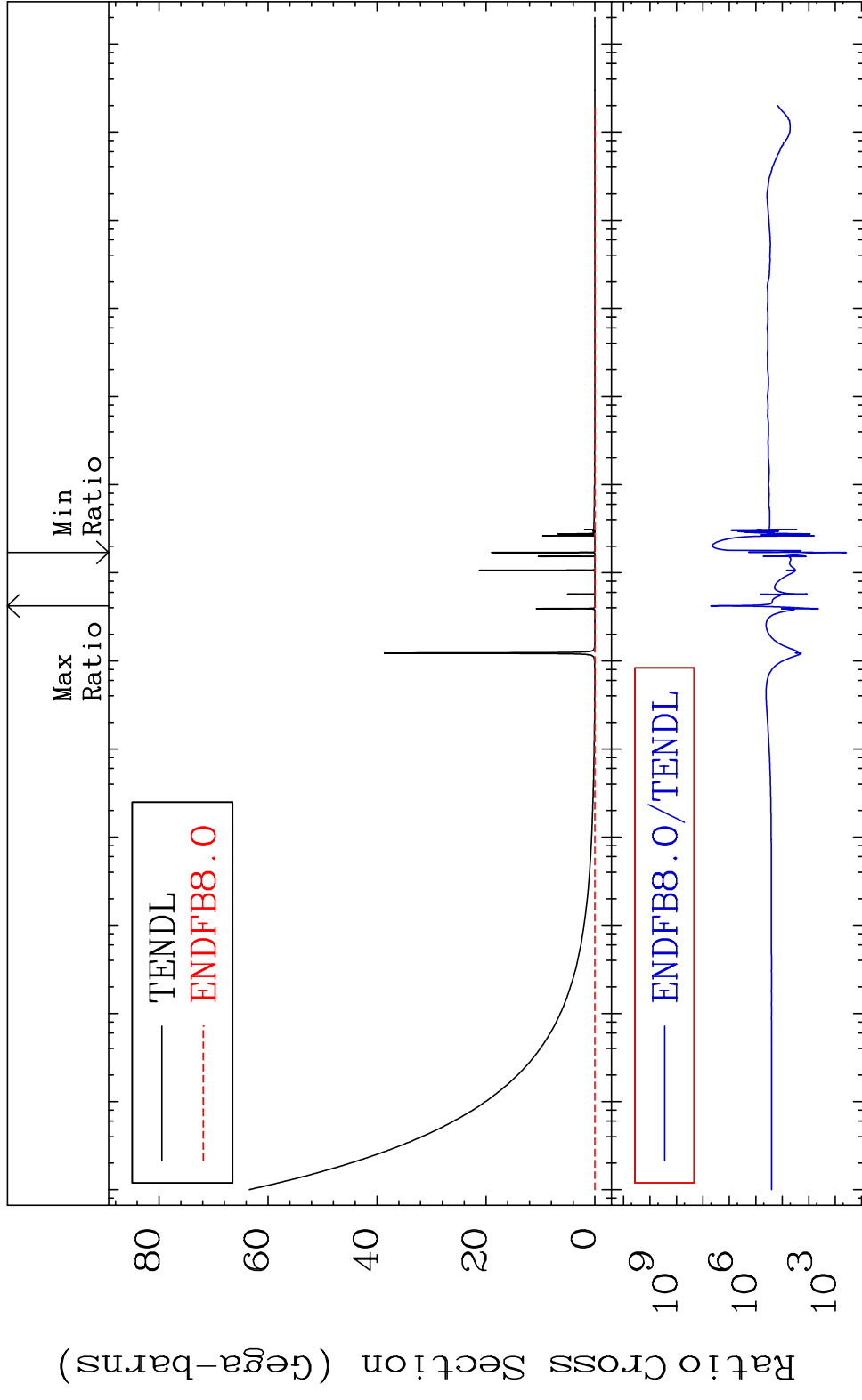




MAT 5528 Kerma capture (mt102) 55-Cs-134  
 Cross Section 9999. To 9999. %

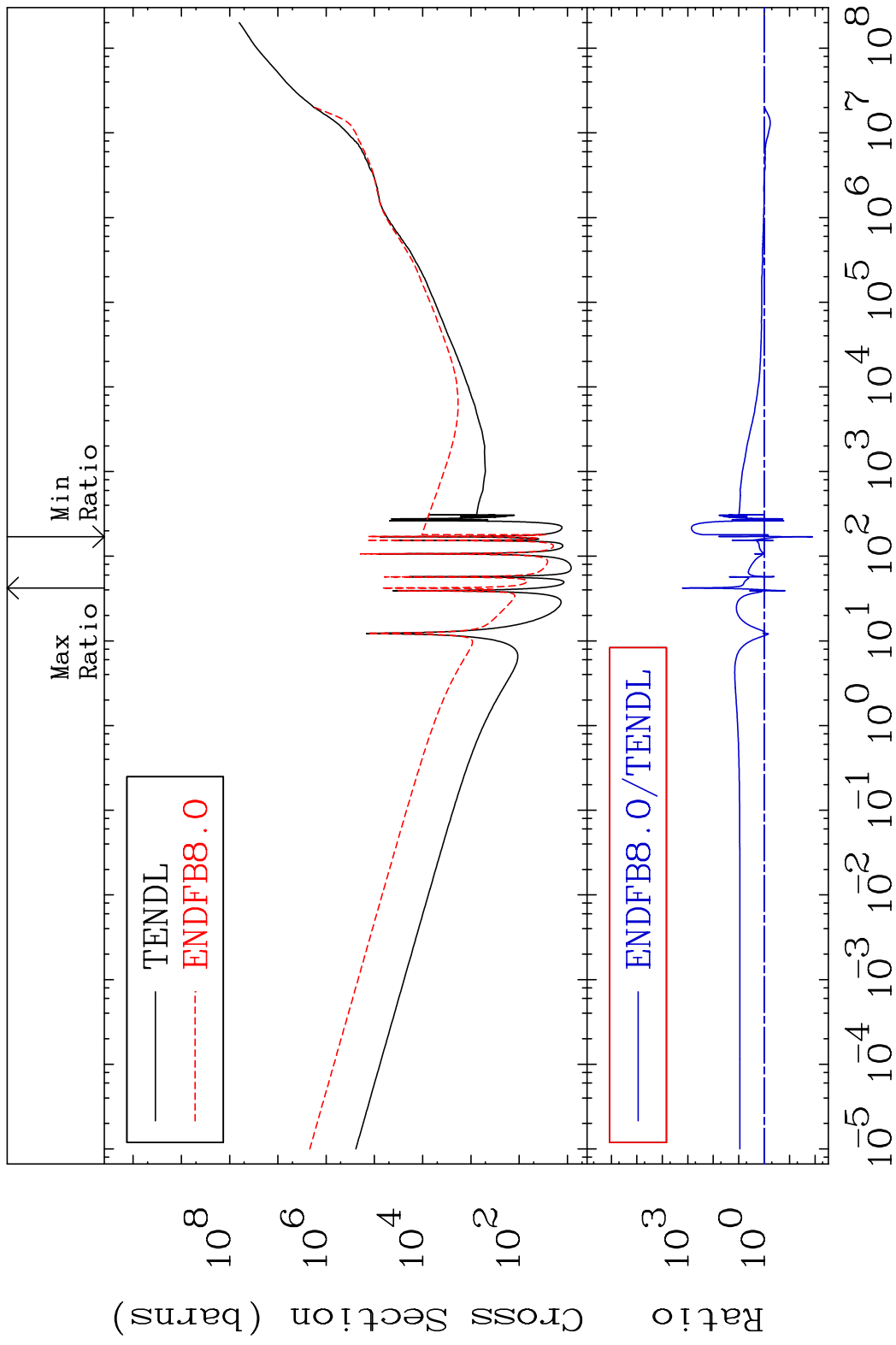


MAT 5528 Total photon (eV-barns) 55-Cs-134  
 Cross Section 9999. To 9999. %



57 Incident Energy (eV) 55-Cs-134

MAT 5528 Total kinematic kerma (high limit) 55-Cs-134  
 Cross Section -98.74 To 9999. %

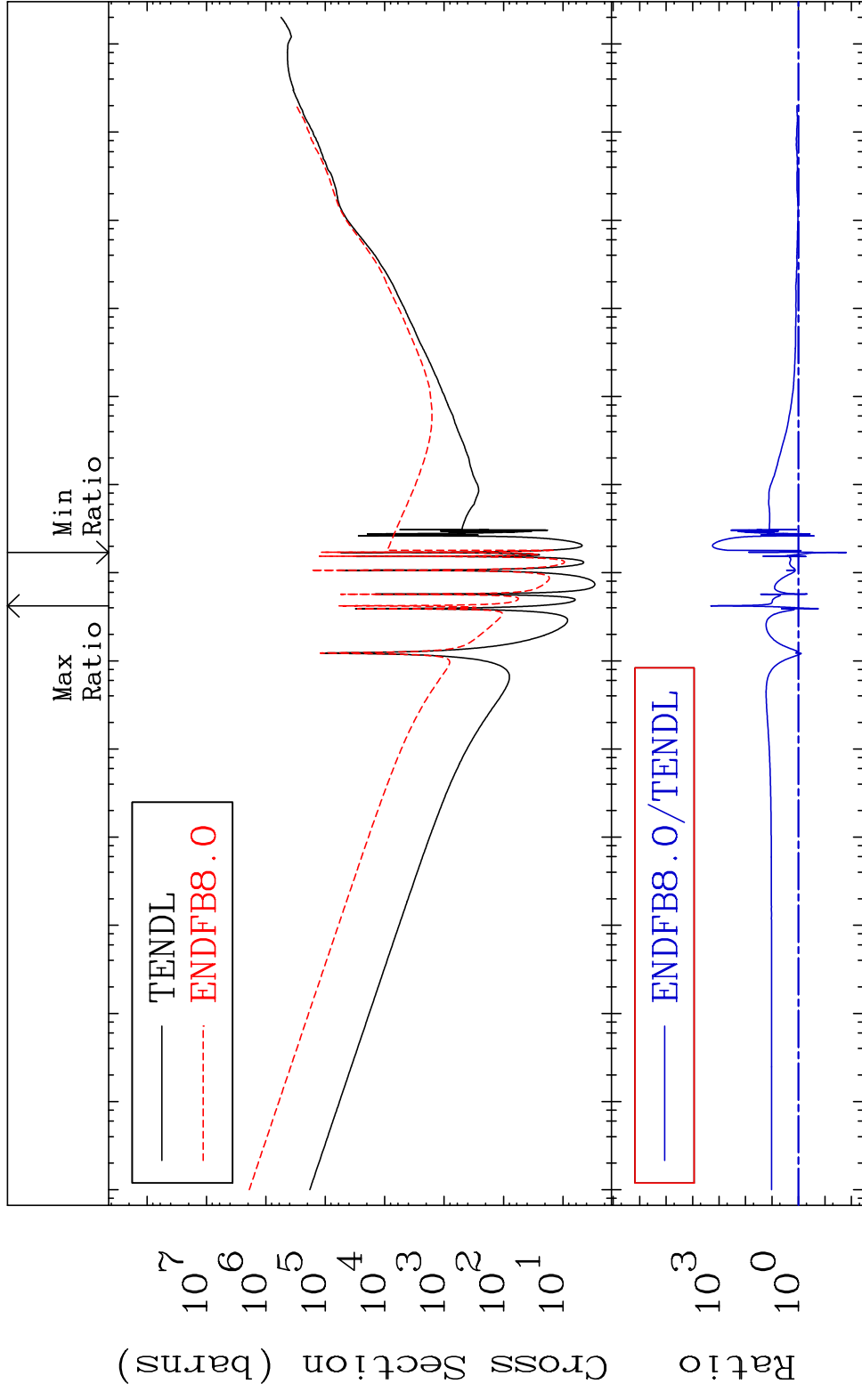


MAT 5528

Dpa total (eV-barns)

55-Cs-134

Cross Section -98.45 To 9999. %

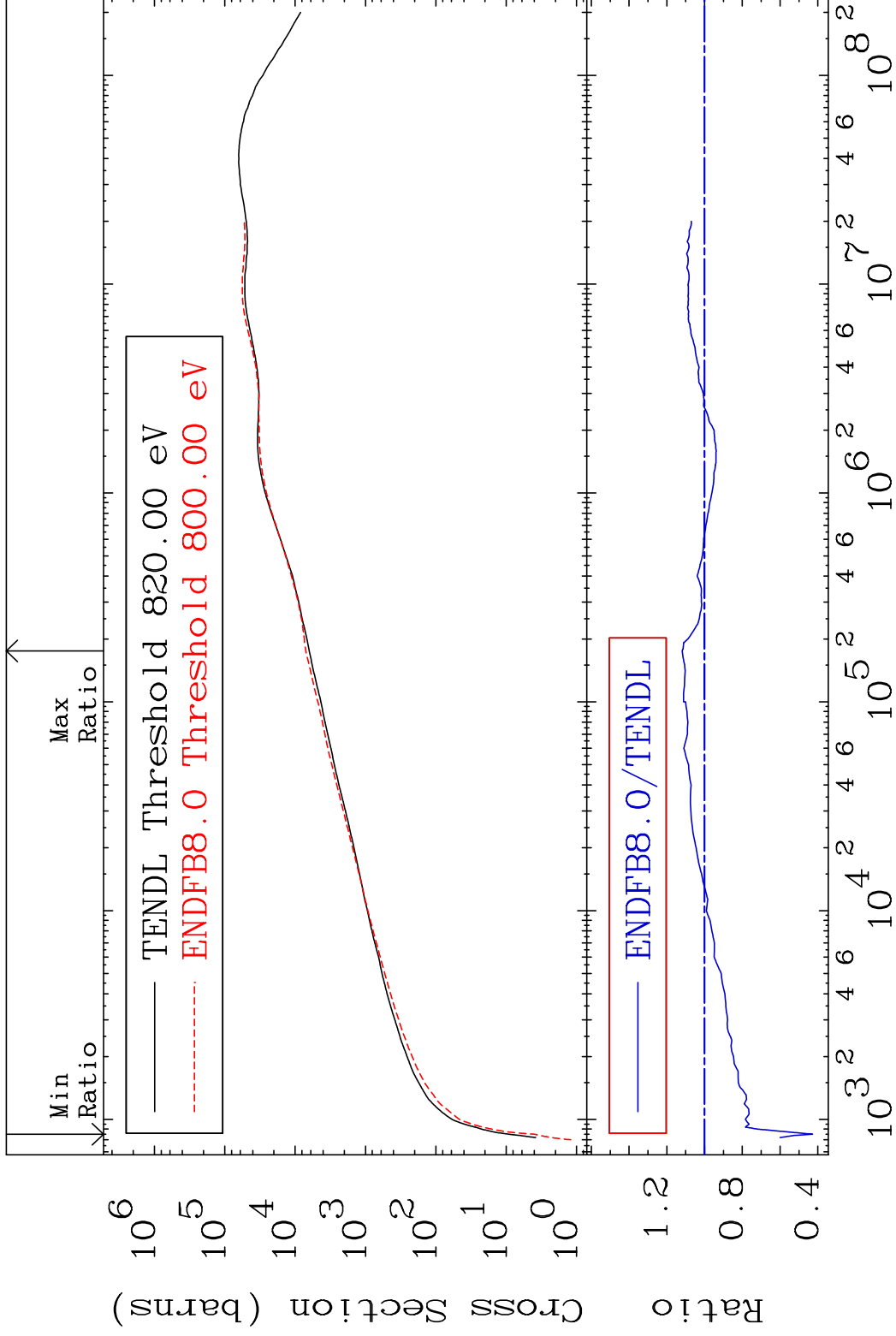


MAT 5528

Dpa elastic (mt2)

55-Cs-134

Cross Section -57.16 To 11.87 %

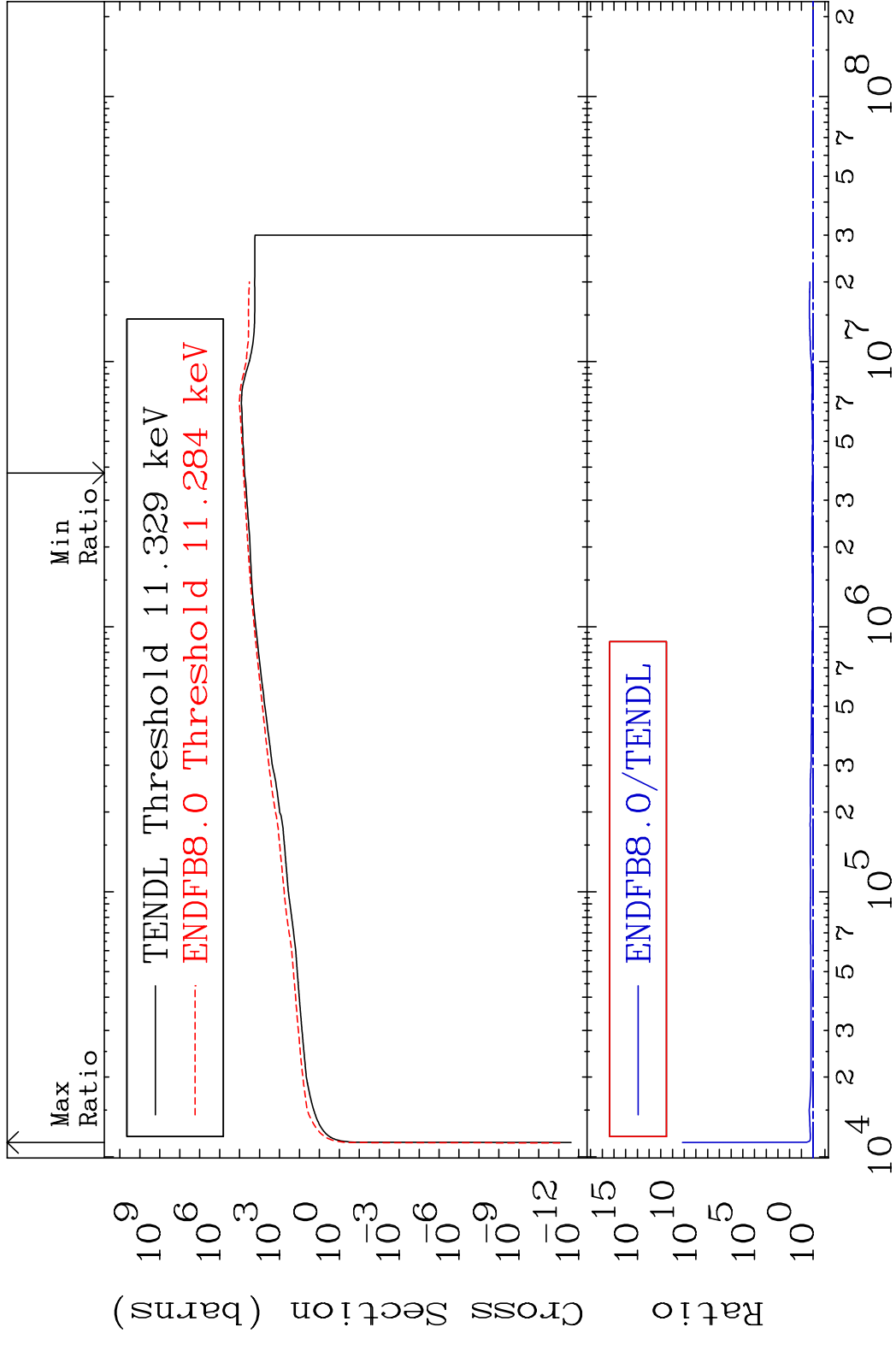


60

Incident Energy (eV)

55-Cs-134

MAT 5528 Dpa inelastic (mt51-91) 55-Cs-134  
 Cross Section 11.36 To 9999. %



MAT 5528 Dpa disappearance (mt102 -120) 55-Cs-134  
 Cross Section -98.45 To 9999. %

