

Program Complot  
(Version 2021-1)

by

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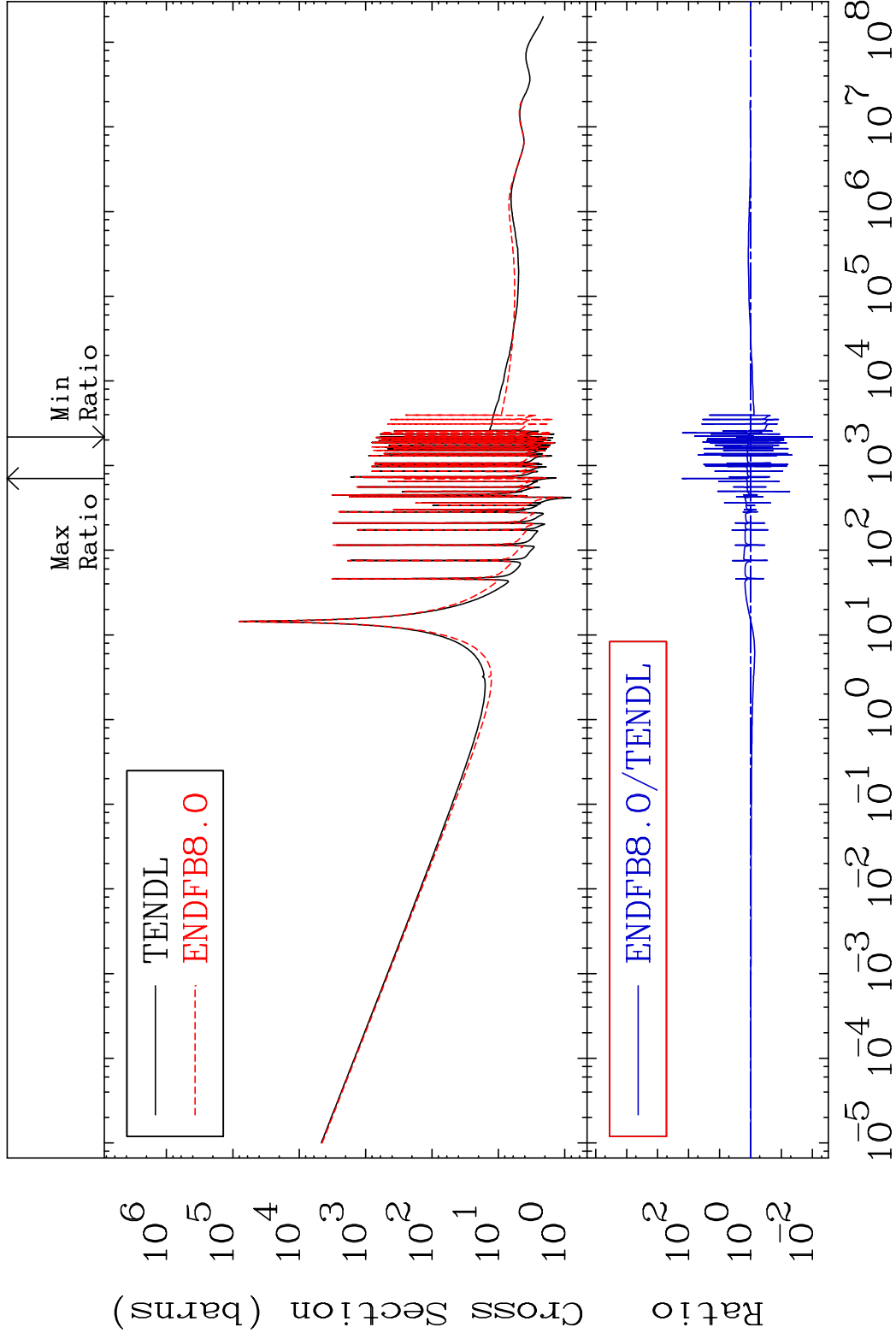
Press Mouse Button to Start

MAT 5446

Total

54-Xe-131

Cross Section -99.01 To 9999. %



1

Incident Energy (eV)

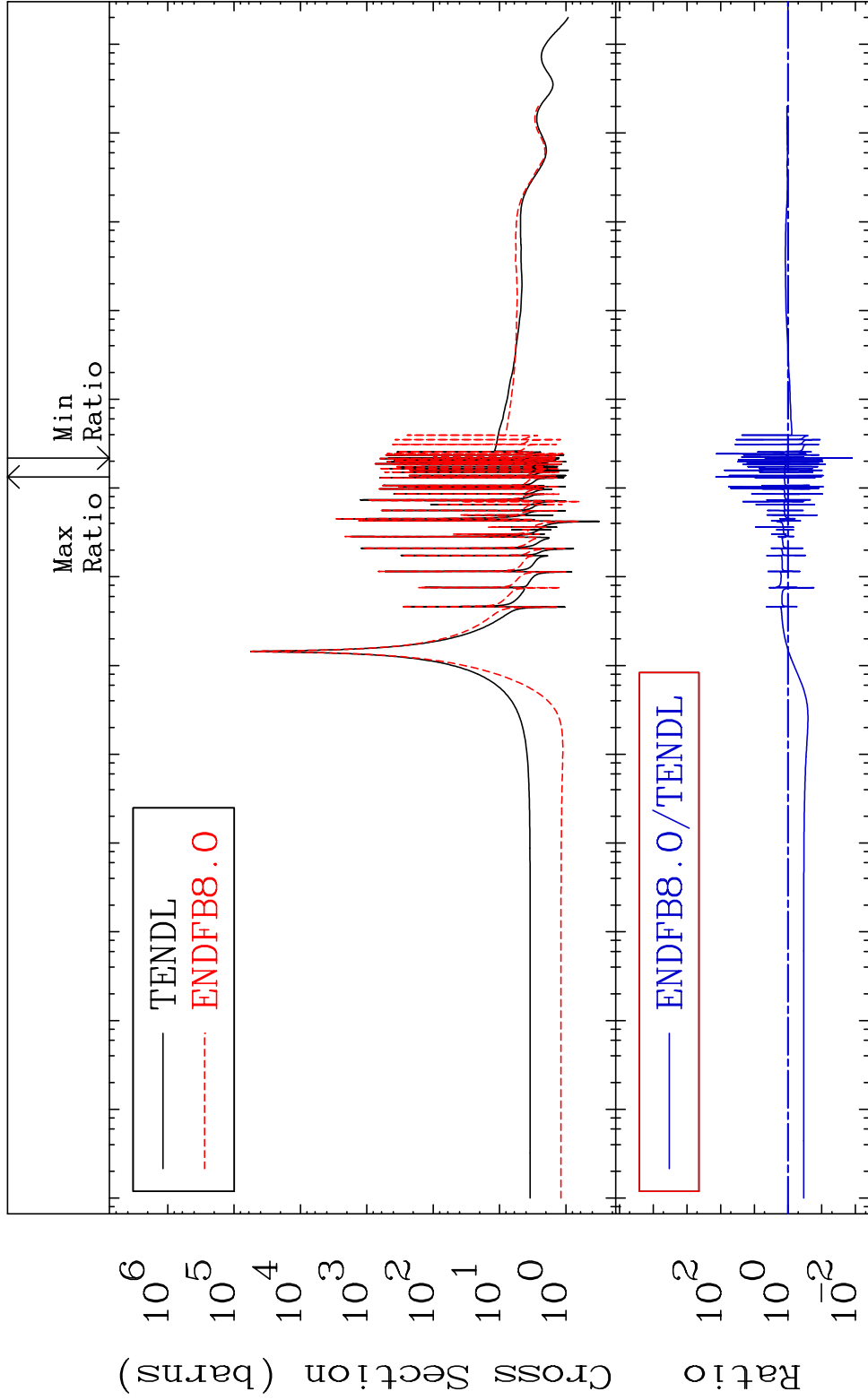
54-Xe-131

MAT 5446

Elastic

54-Xe-131

Cross Section -98.75 To 9999. %

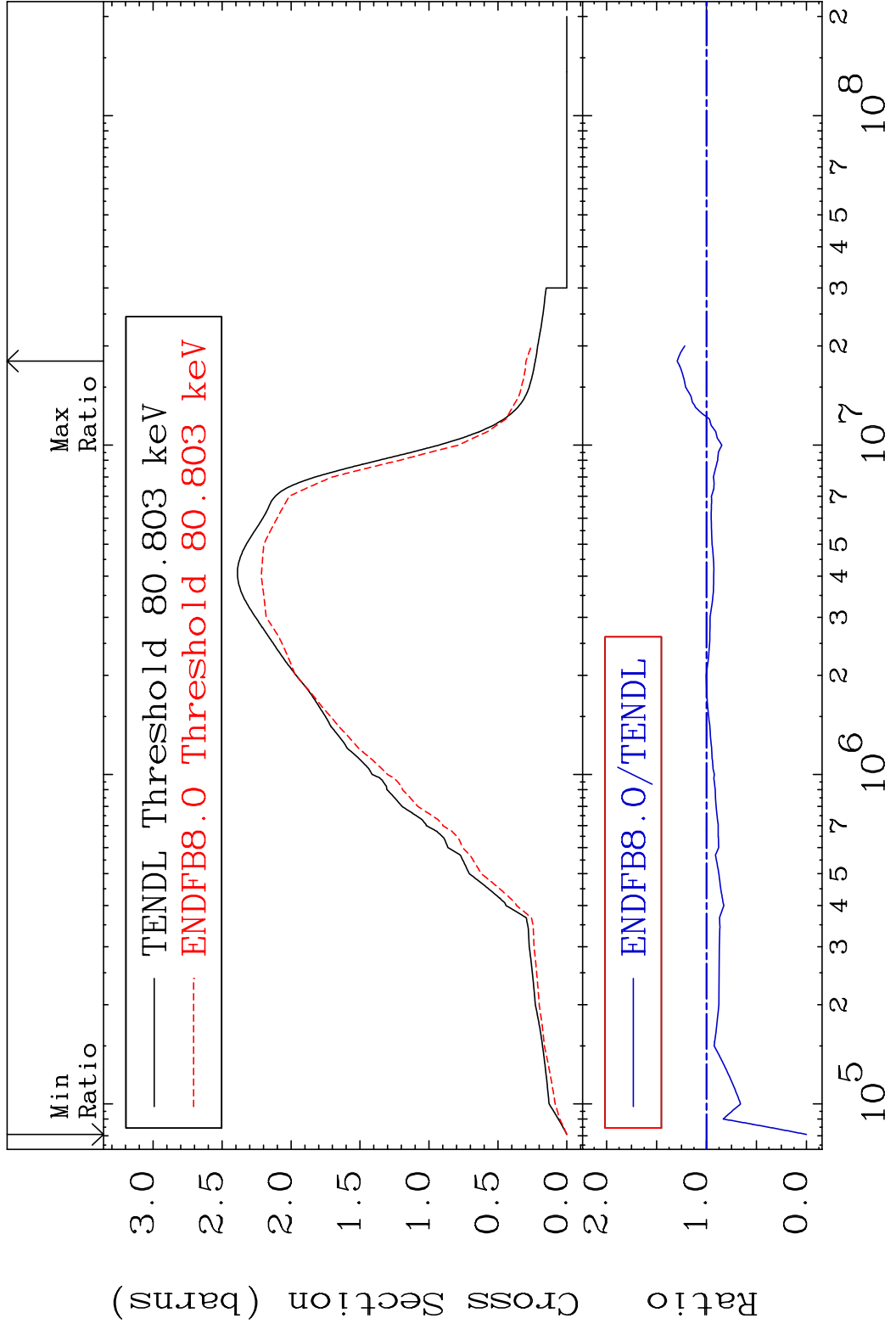


2

Incident Energy (eV)

54-Xe-131

MAT 5446 Inelastic 54-Xe-131  
 Cross Section -100.0 To 29.37 %



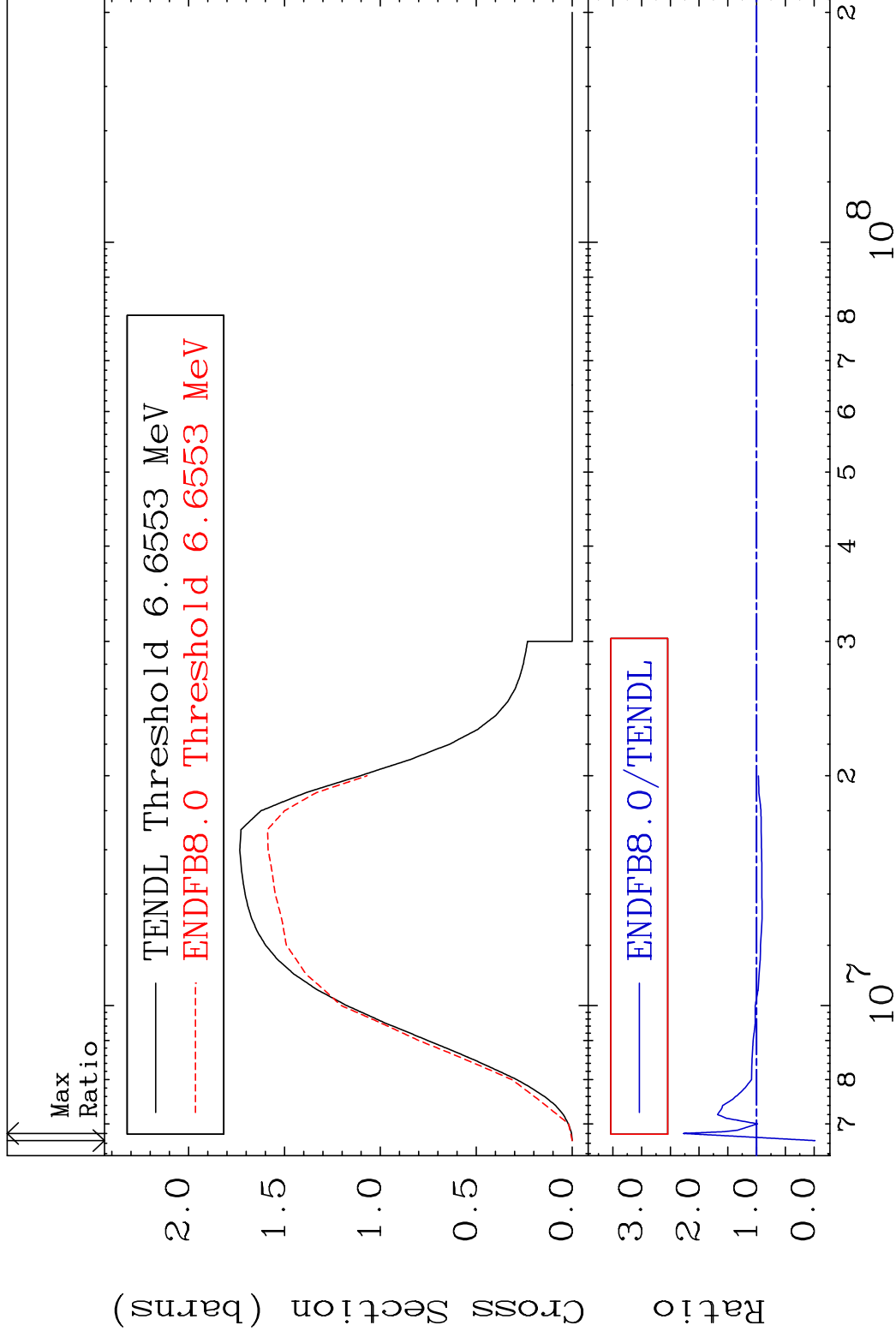
3 3 4 5 7 2 3 4 5 7 2 3 4 5 7 8 2 54-Xe-131

MAT 5446

(n,2n)

54-Xe-131

Cross Section -100.0 To 126.9 %



4

Incident Energy (eV)

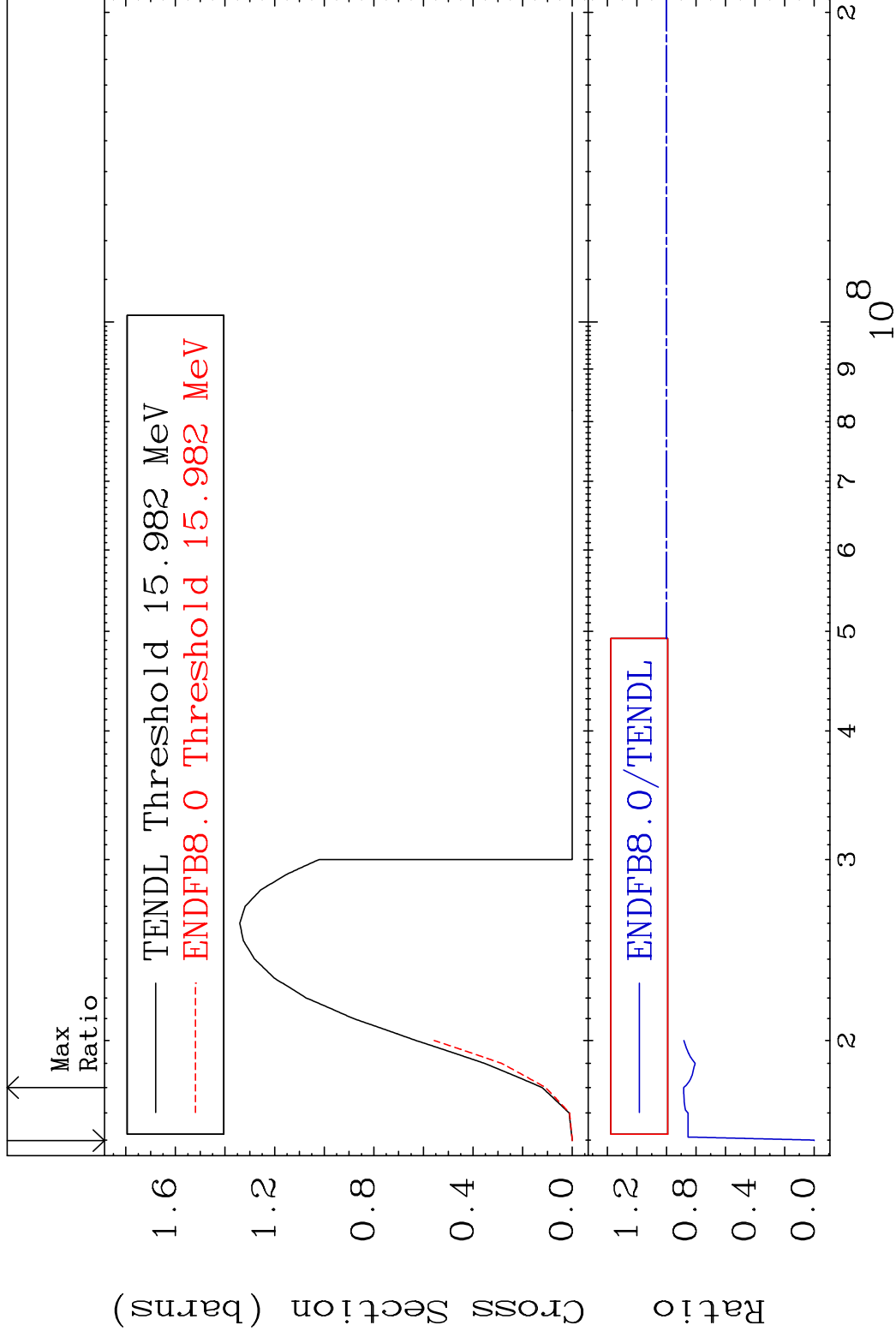
54-Xe-131

MAT 5446

(n,3n)

54-Xe-131

Cross Section -100.0 To -11.65%



5

Incident Energy (eV)

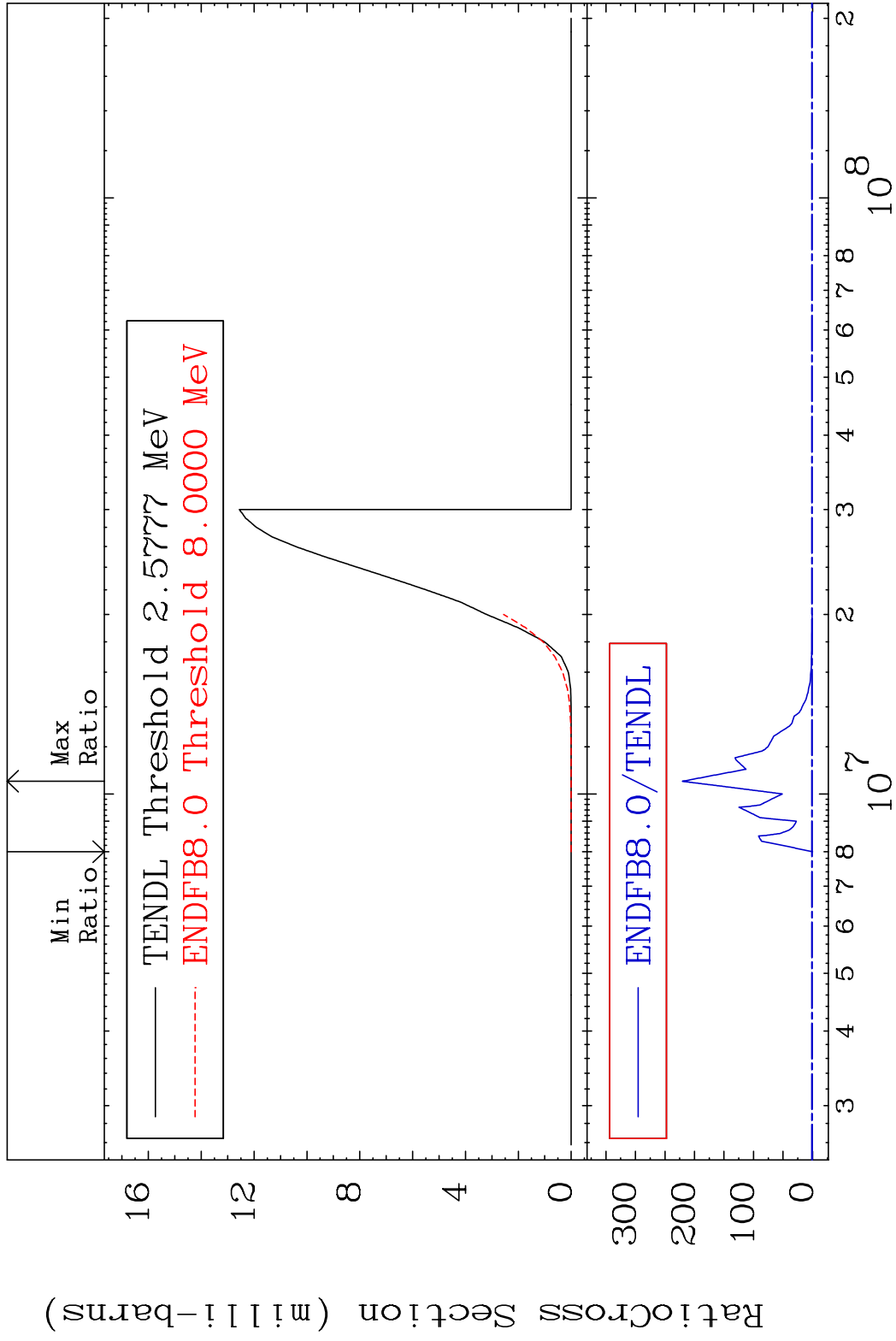
54-Xe-131

MAT 5446

(n, n')  $\alpha$

54-Xe-131

Cross Section -100.0 To 9999. %



6

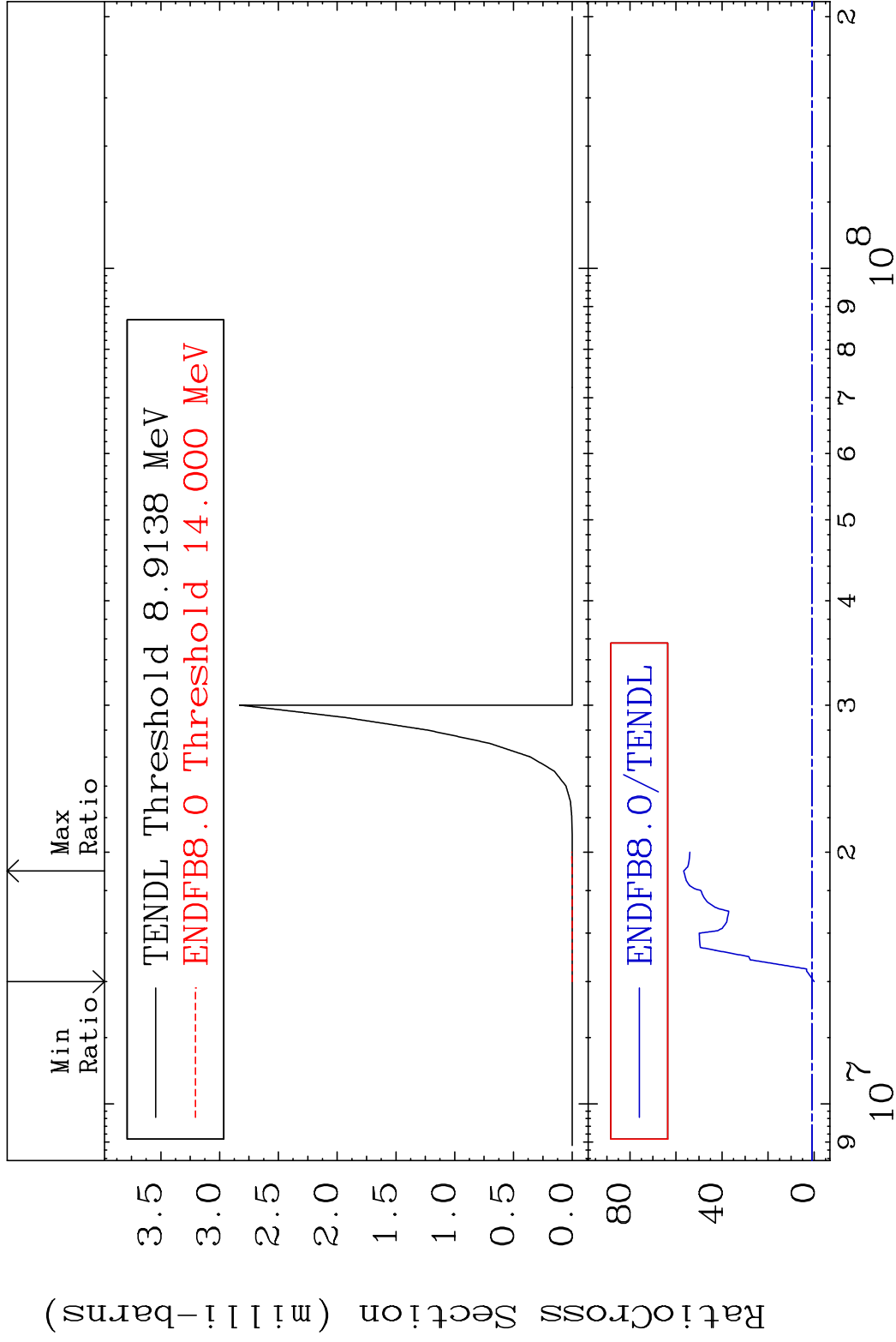
Incident Energy (eV)

54-Xe-131

MAT 5446

(n,2n)  $\alpha$  54-Xe-131

Cross Section -100.0 To 5566. %



7

Incident Energy (eV)

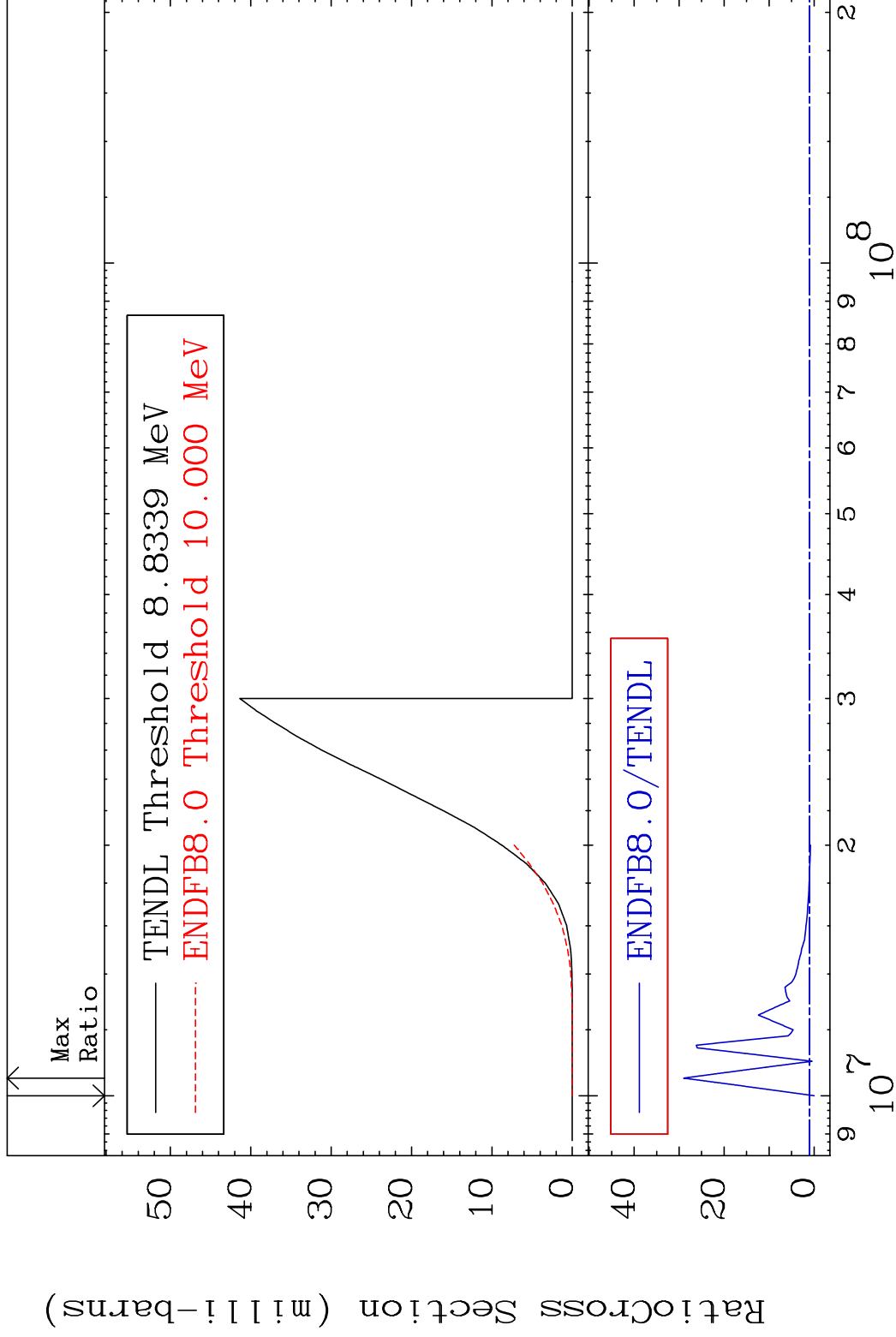
54-Xe-131



MAT 5446

(n, n') p 54-Xe-131

Cross Section -100.0 To 2799. %



8

Incident Energy (eV)

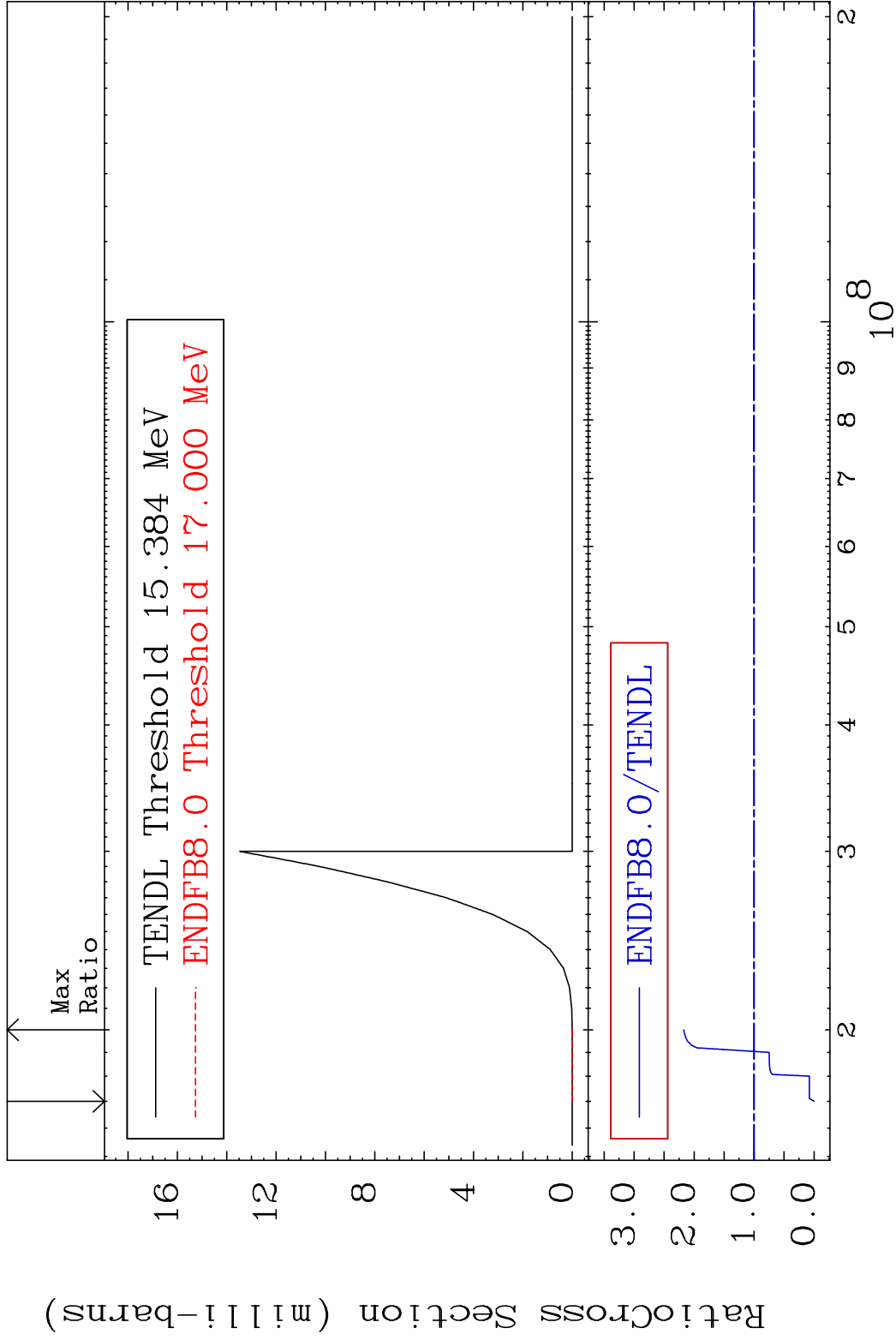
54-Xe-131

MAT 5446

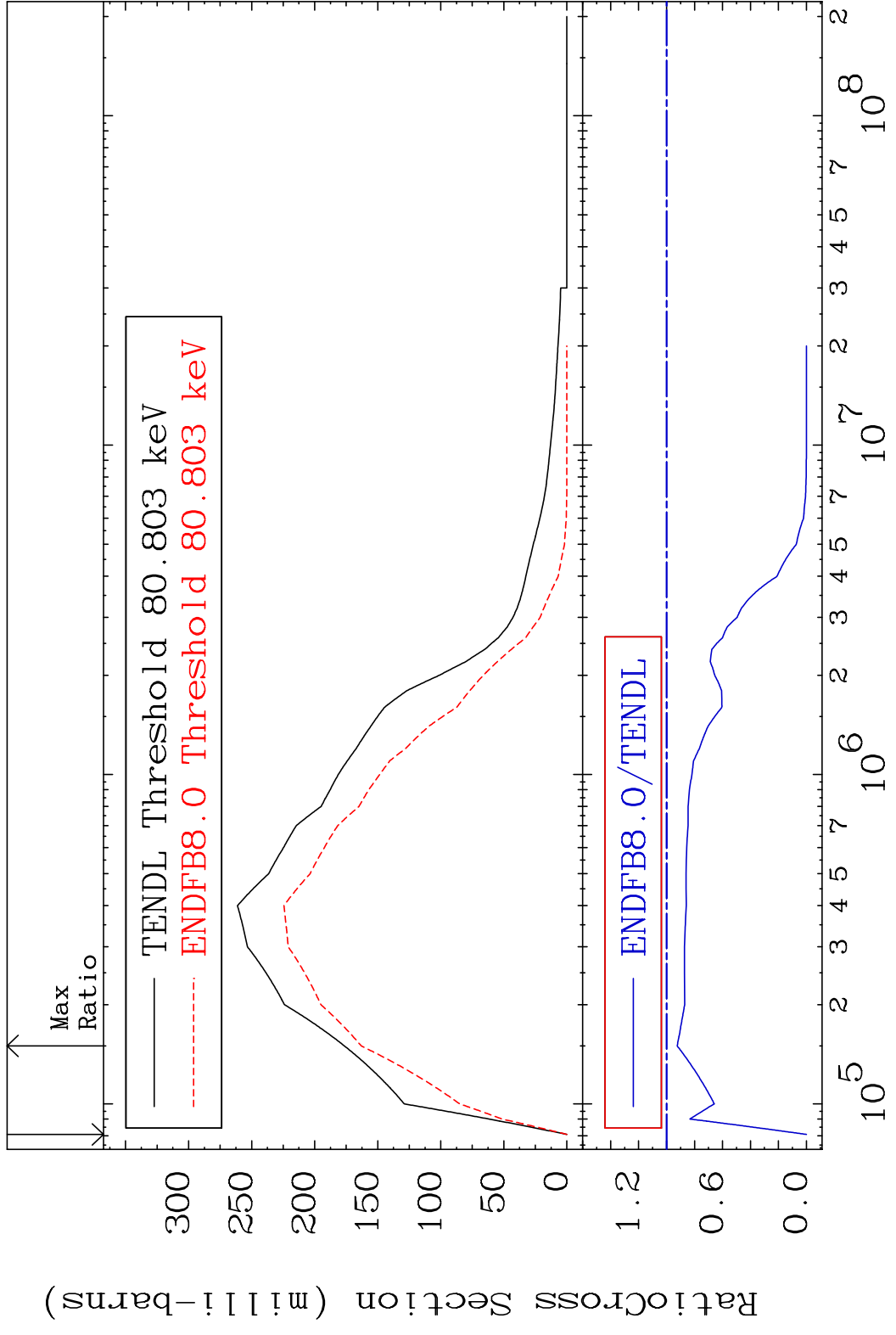
(n,2n) p

54-Xe-131

Cross Section -100.0 To 117.4 %

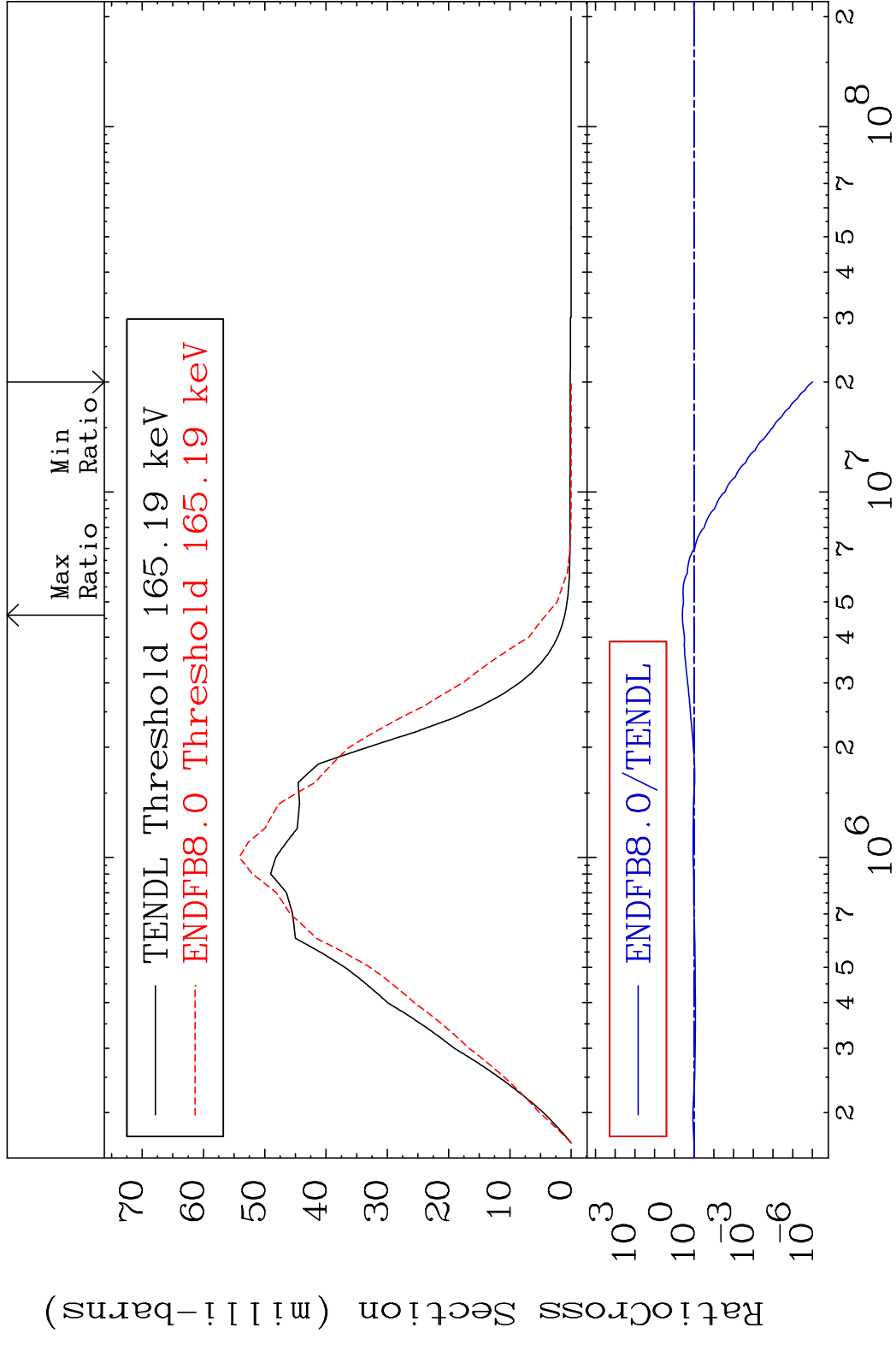


MAT 5446 MT= 51 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To -7.587%

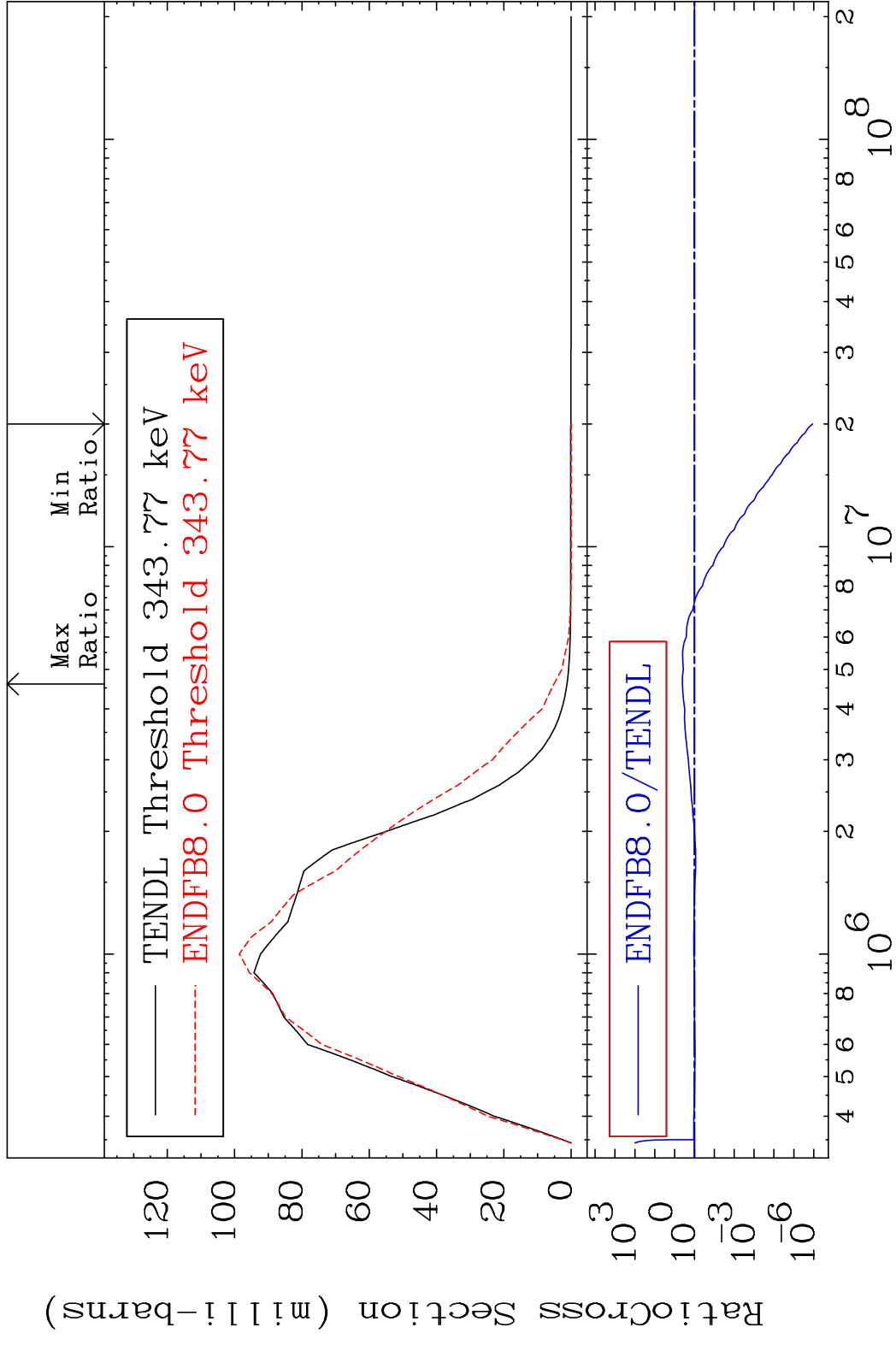


10 2 3 4 5 7 10<sup>5</sup> 2 3 4 5 7 10<sup>6</sup> 2 3 4 5 7 10<sup>7</sup> 2 3 4 5 7 10<sup>8</sup> 54-Xe-131

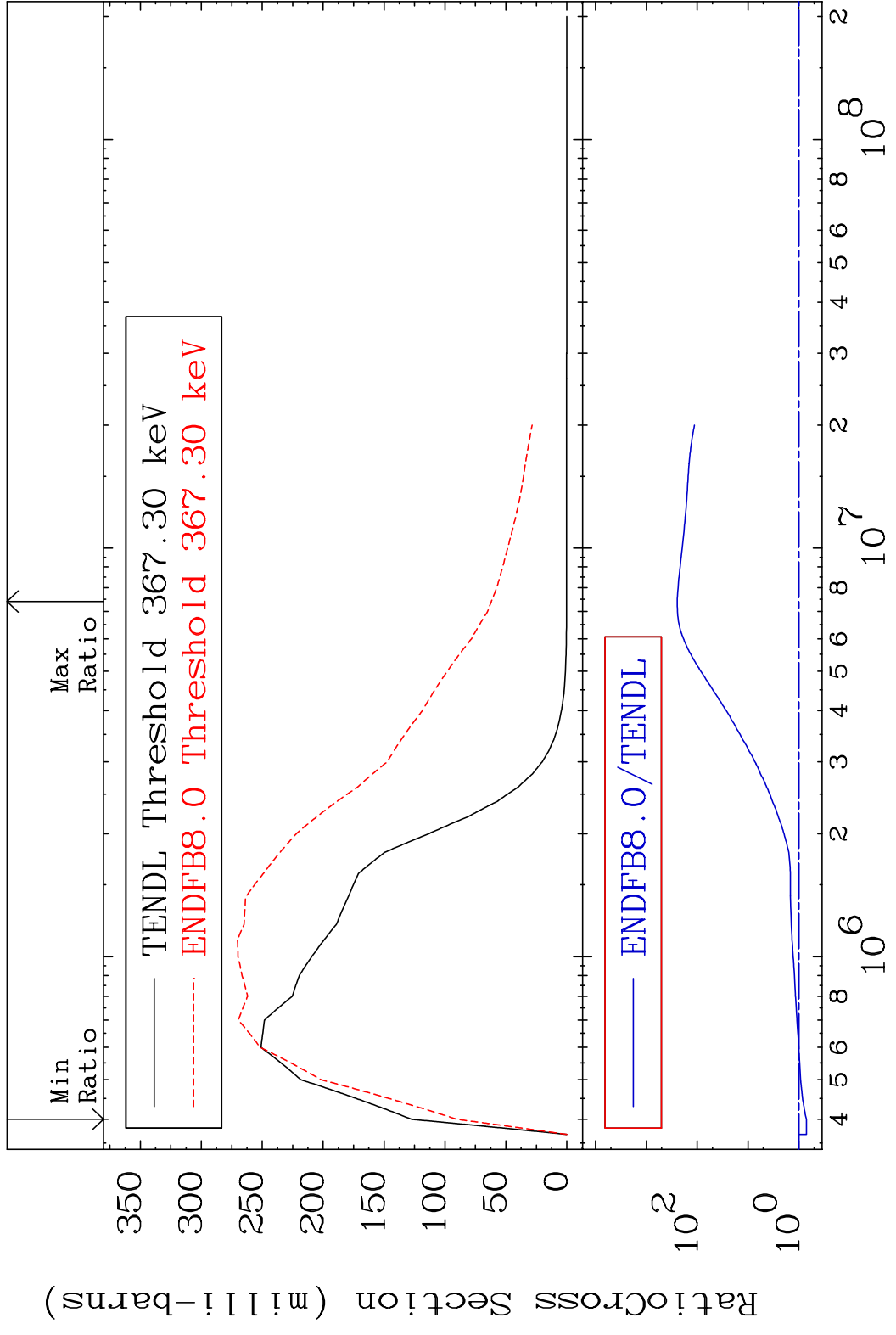
MAT 5446 MT= 52 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 293.6 %



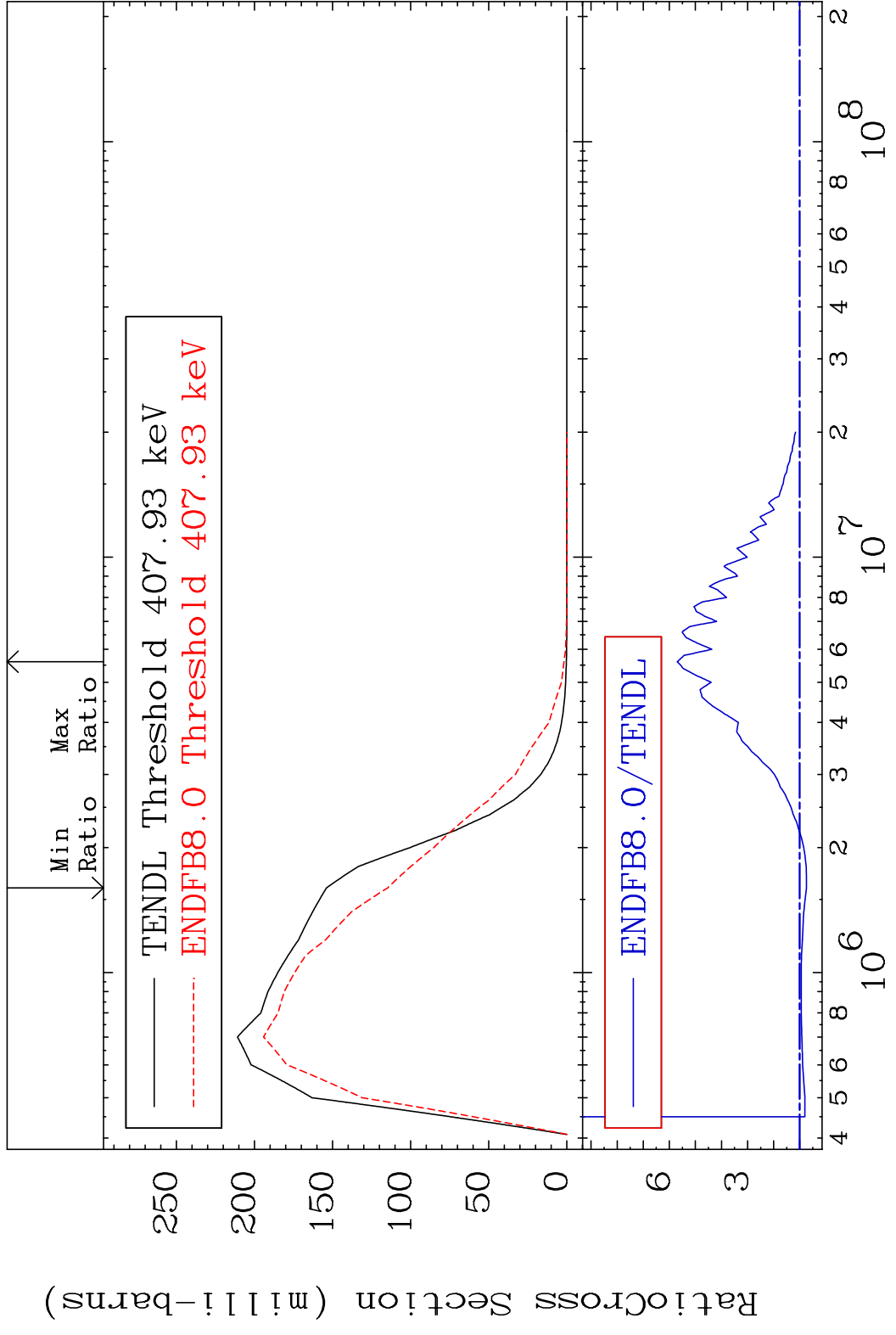
MAT 5446 MT= 53 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 306.5 %



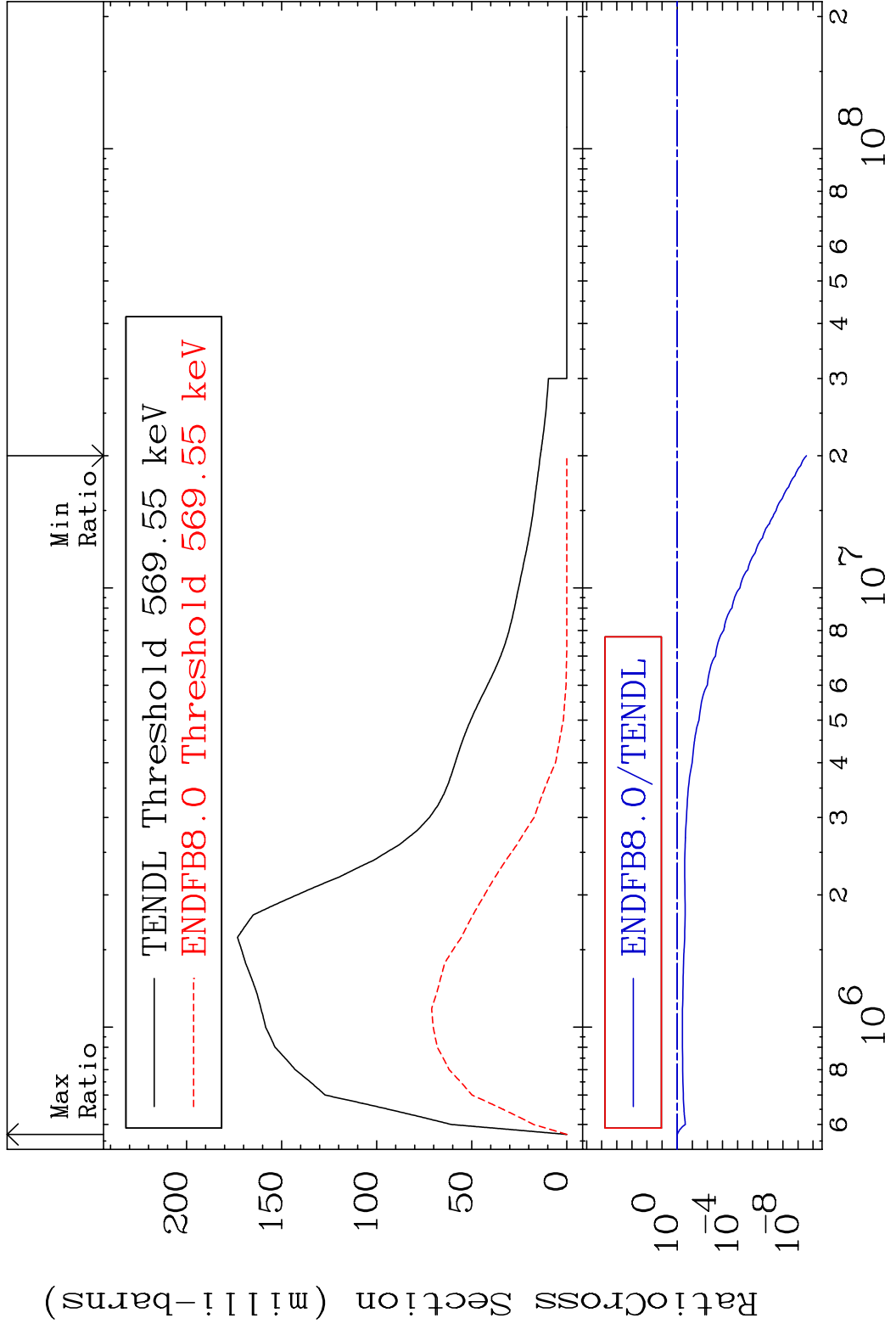
MAT 5446 MT= 54 (n, n') Level 54-Xe-131  
 Cross Section -29.16 To 9999. %



MAT 5446 MT= 55 (n, n') Level 54-Xe-131  
 Cross Section -25.46 To 469.9 %

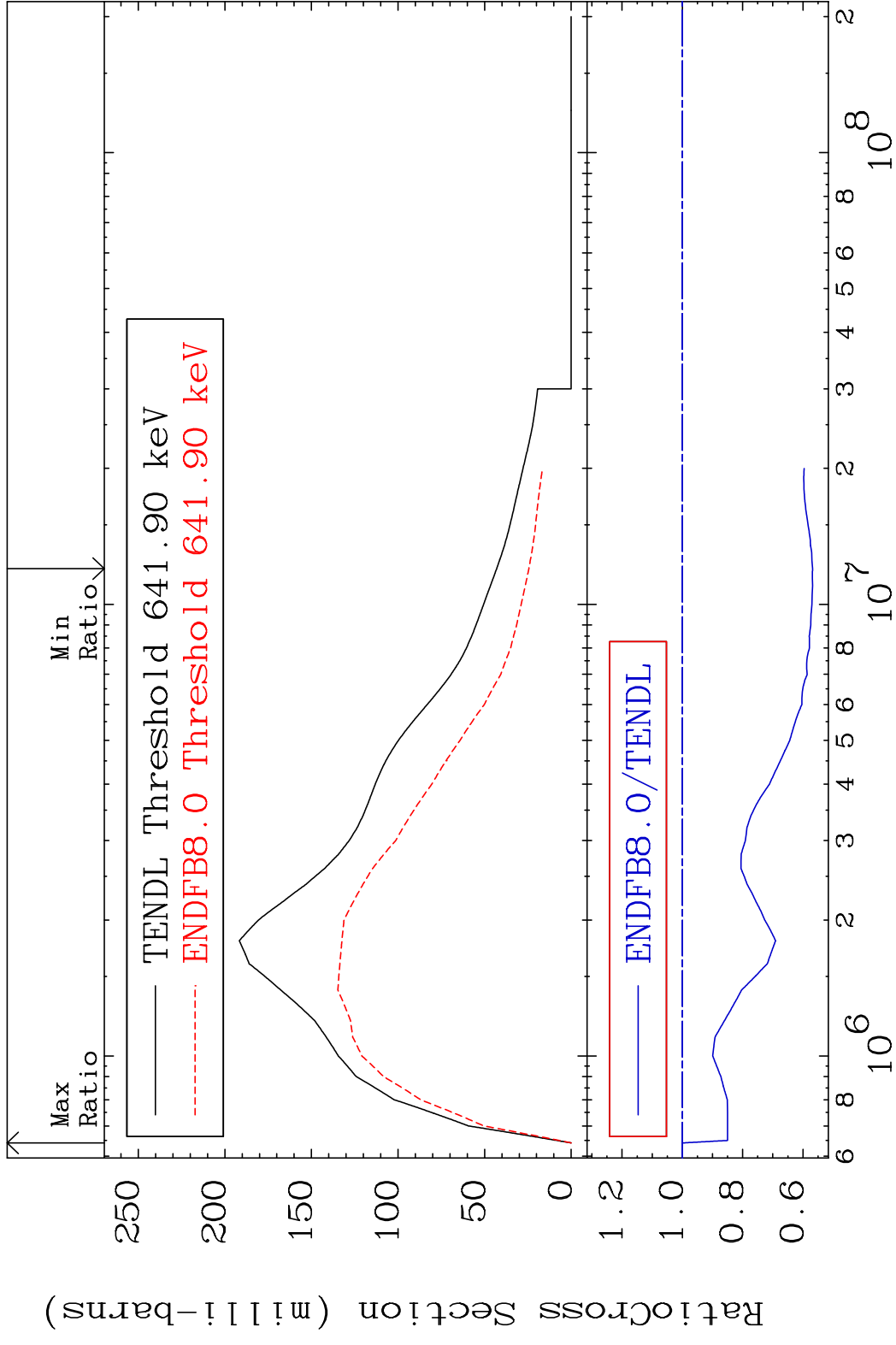


MAT 5446 MT= 56 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 0.000 %



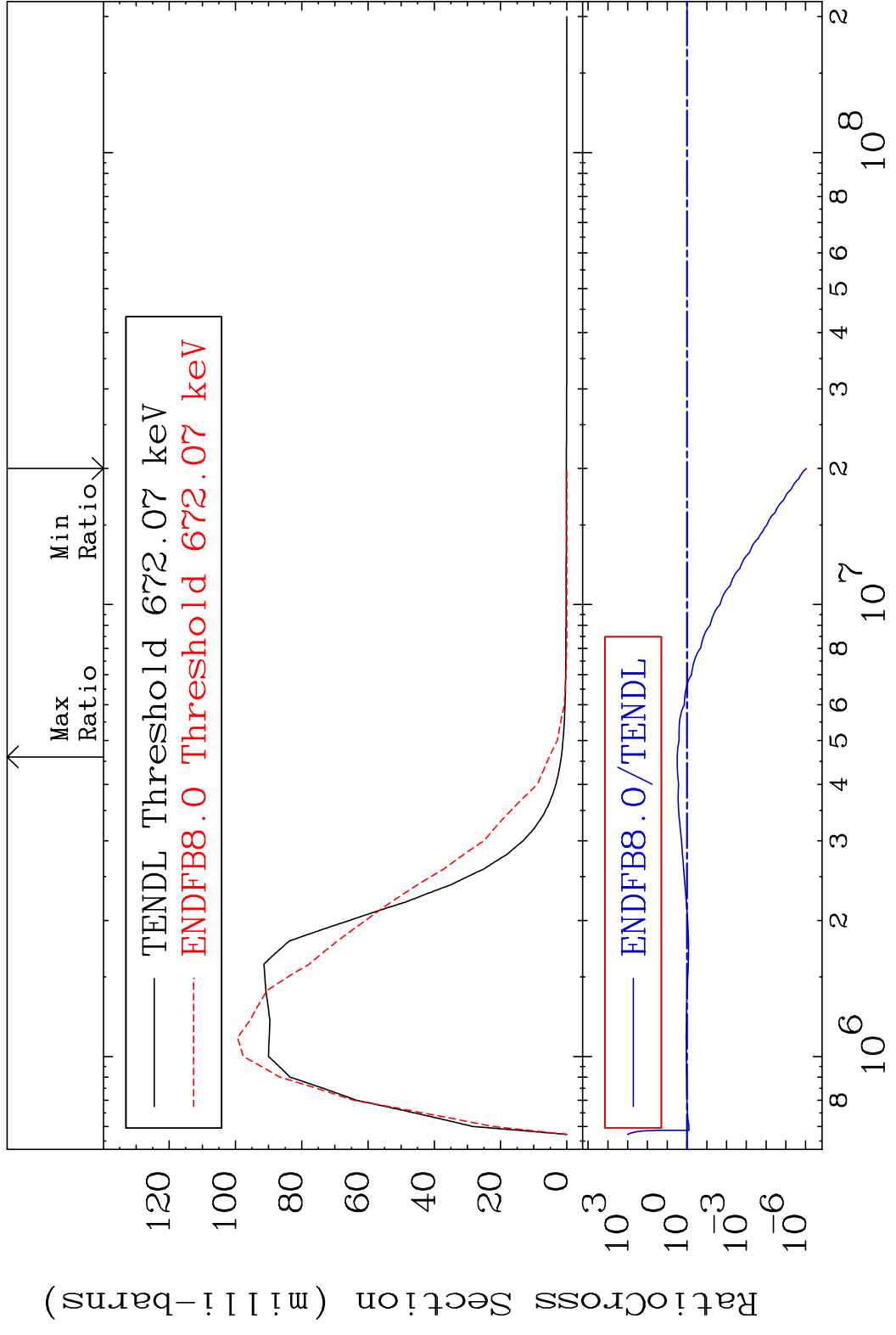


MAT 5446 MT= 57 (n,n') Level 54-Xe-131  
 Cross Section -43.18 To 0.000 %

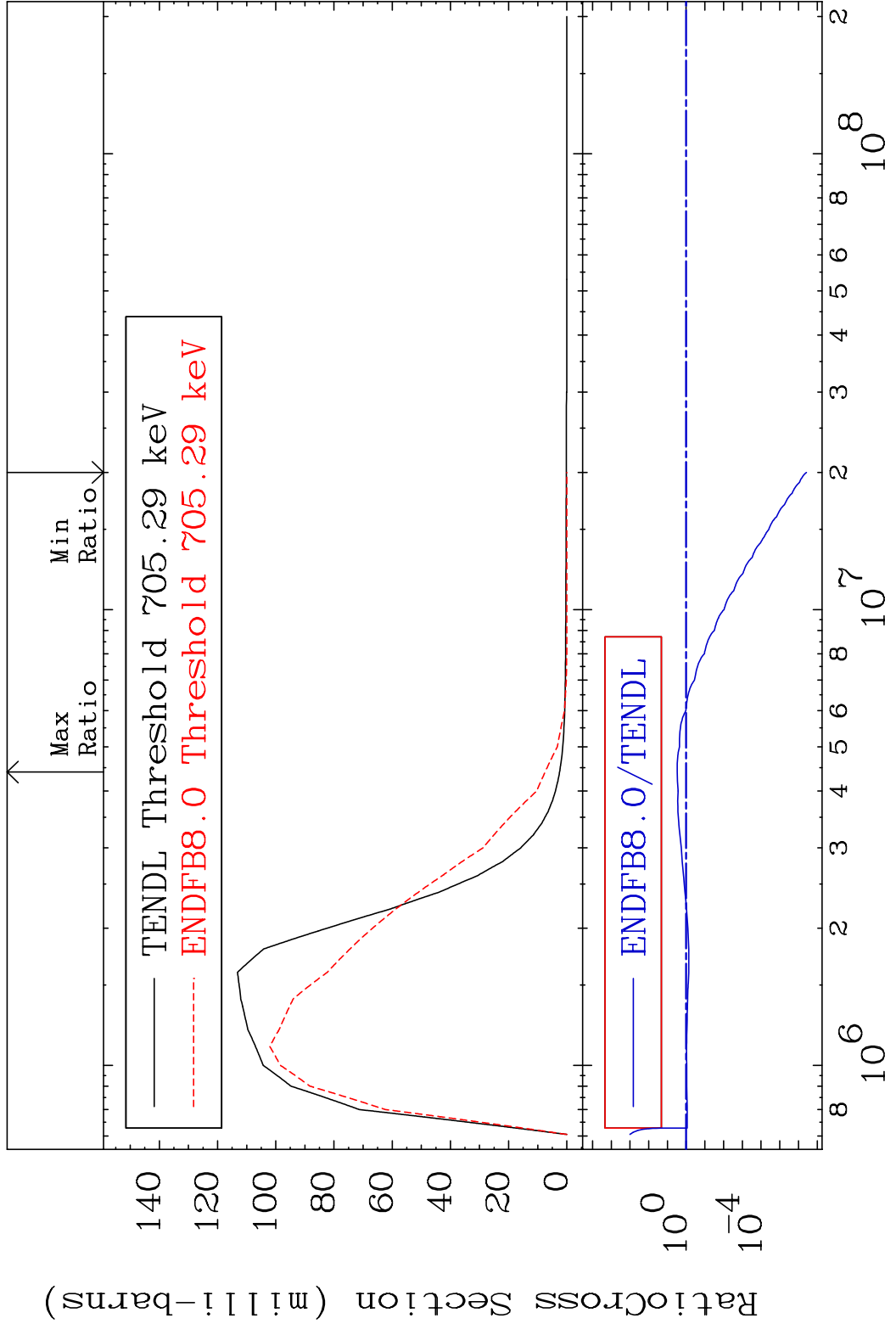


16 Incident Energy (eV) 54-Xe-131

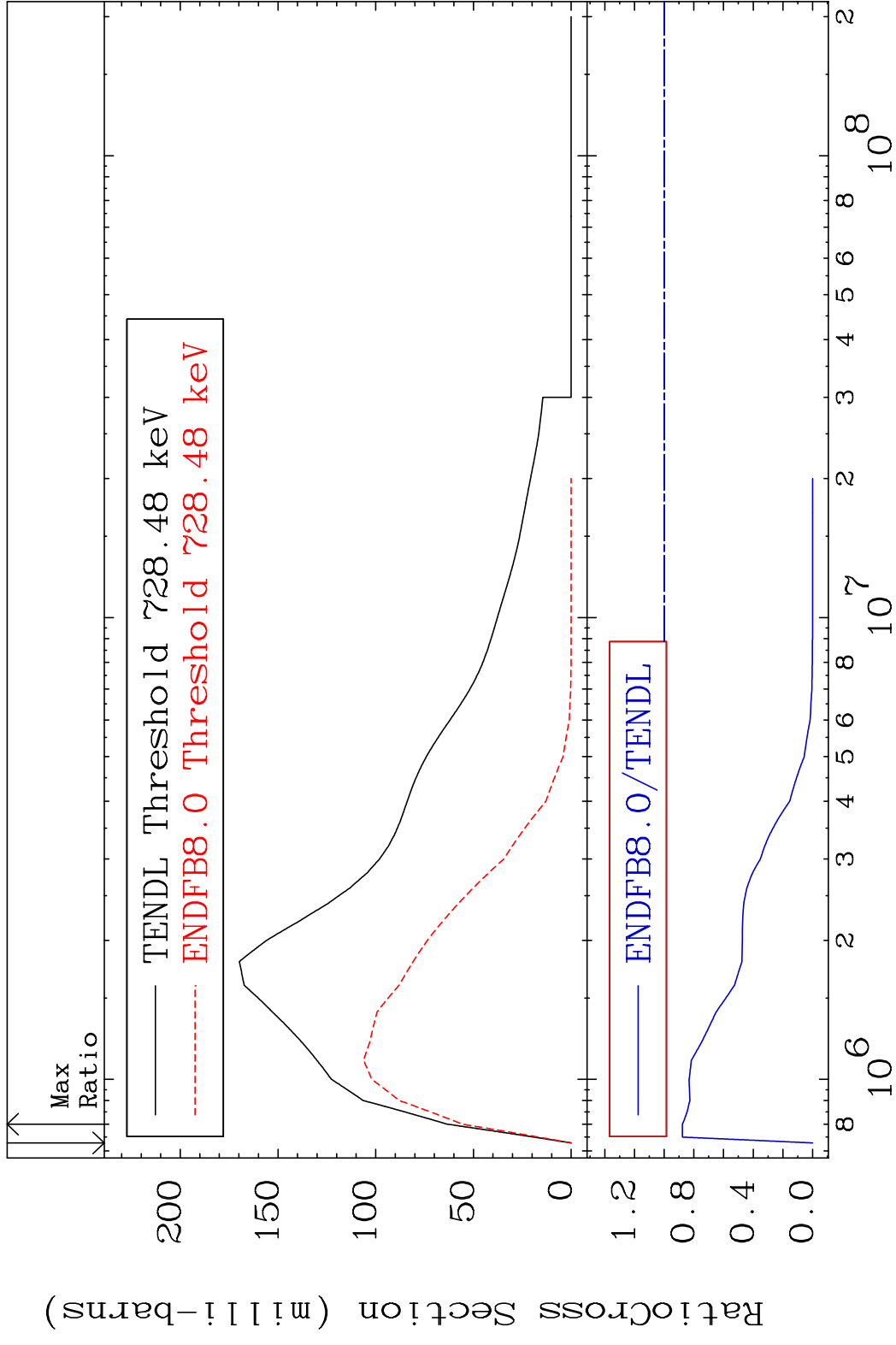
MAT 5446 MT= 58 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 213.4 %



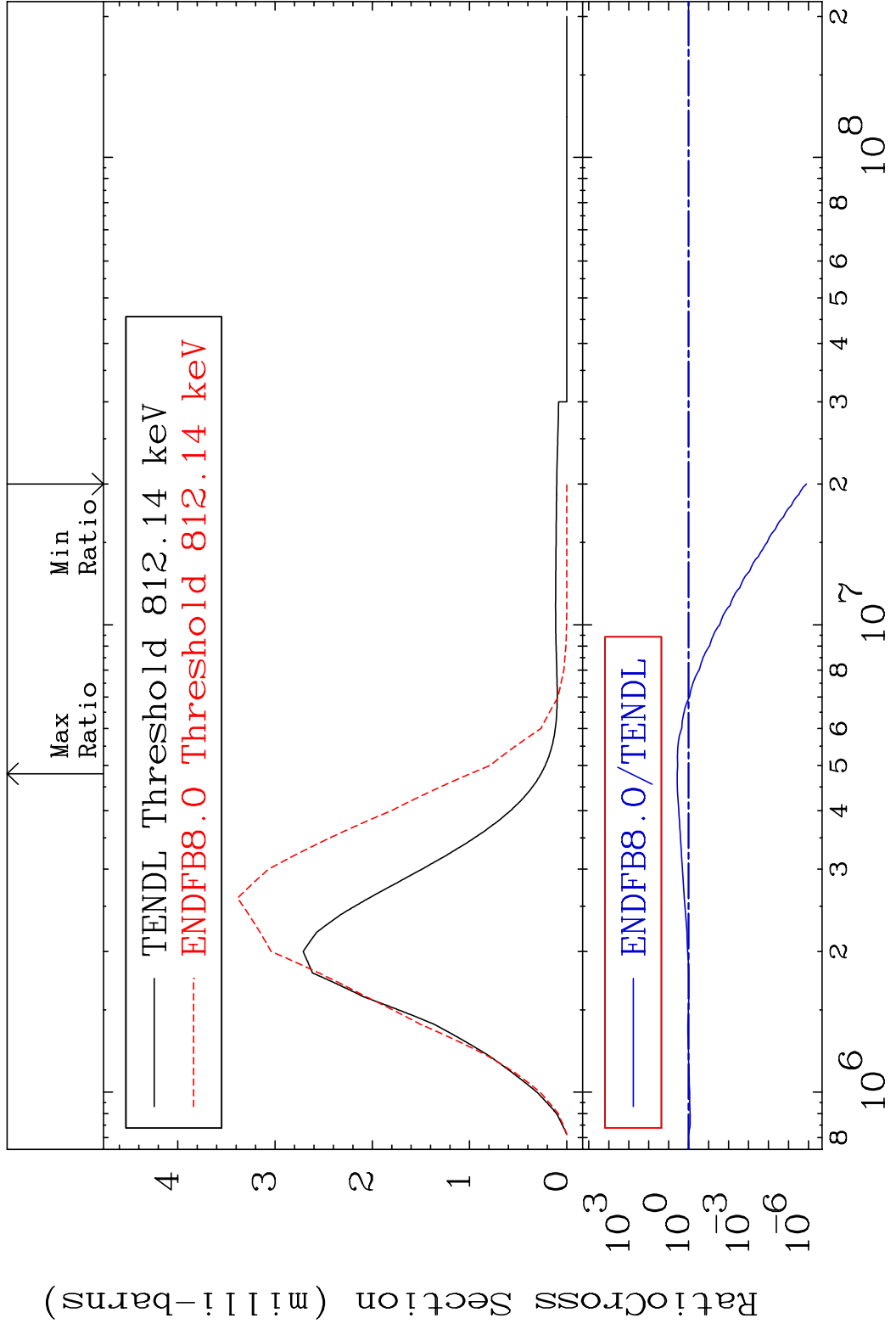
MAT 5446 MT= 59 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 201.1 %



MAT 5446 MT= 60 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To -12.26%

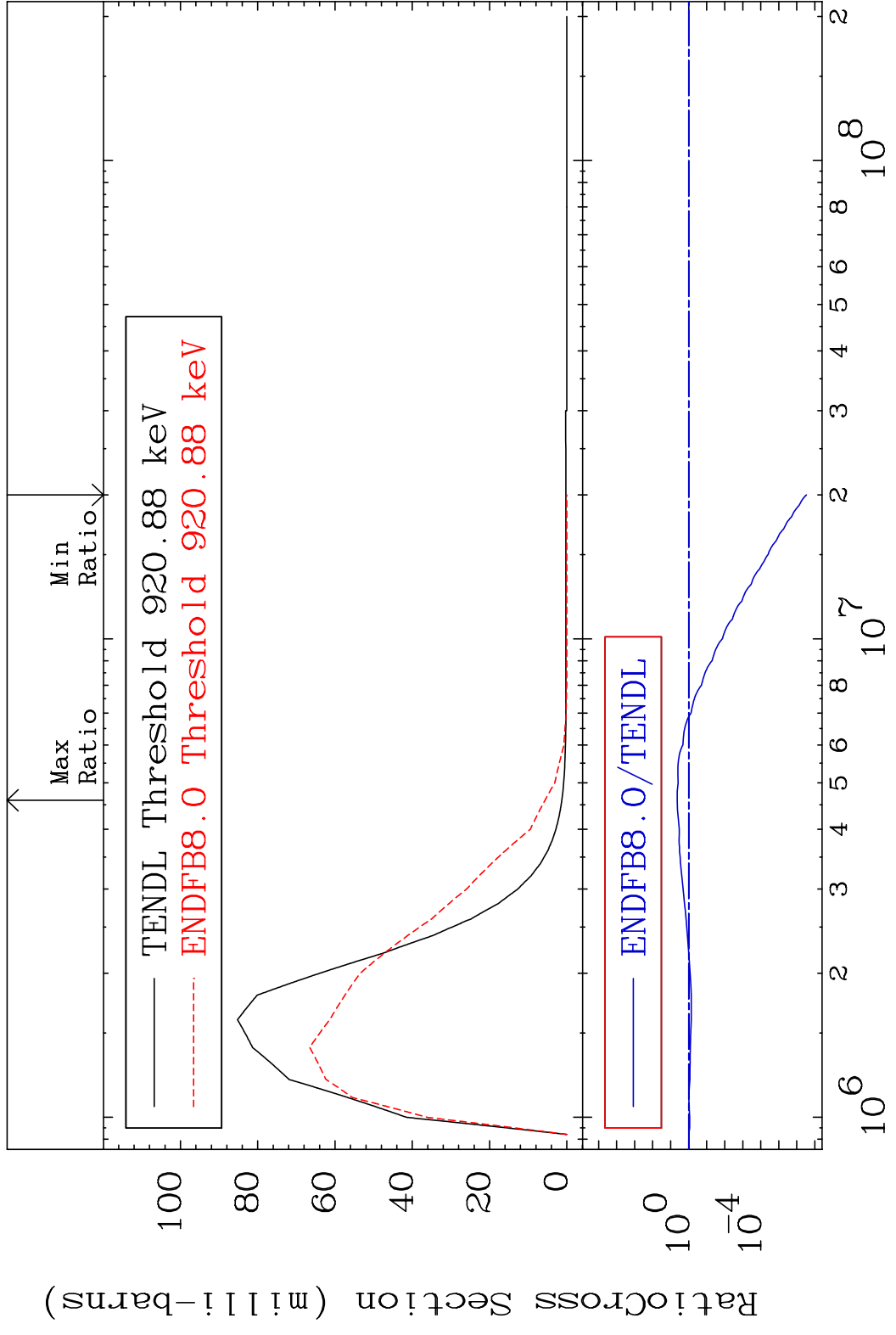


MAT 5446 MT= 61 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 275.0 %



20 Incident Energy (eV) 54-Xe-131

MAT 5446 MT= 62 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 334.7 %

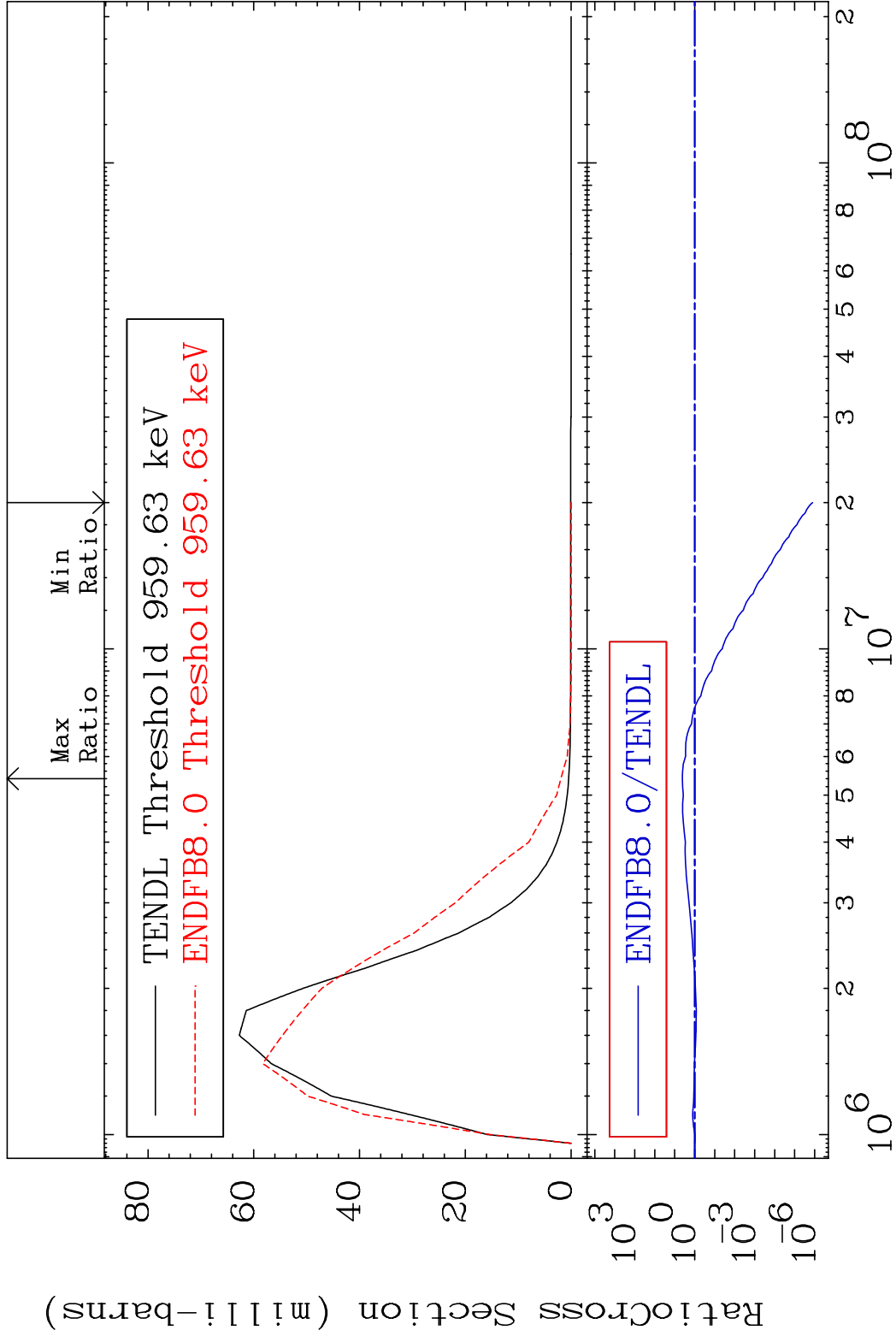


MAT 5446

MT= 63 (n, n') Level

54-Xe-131

Cross Section -100.0 To 314.9 %

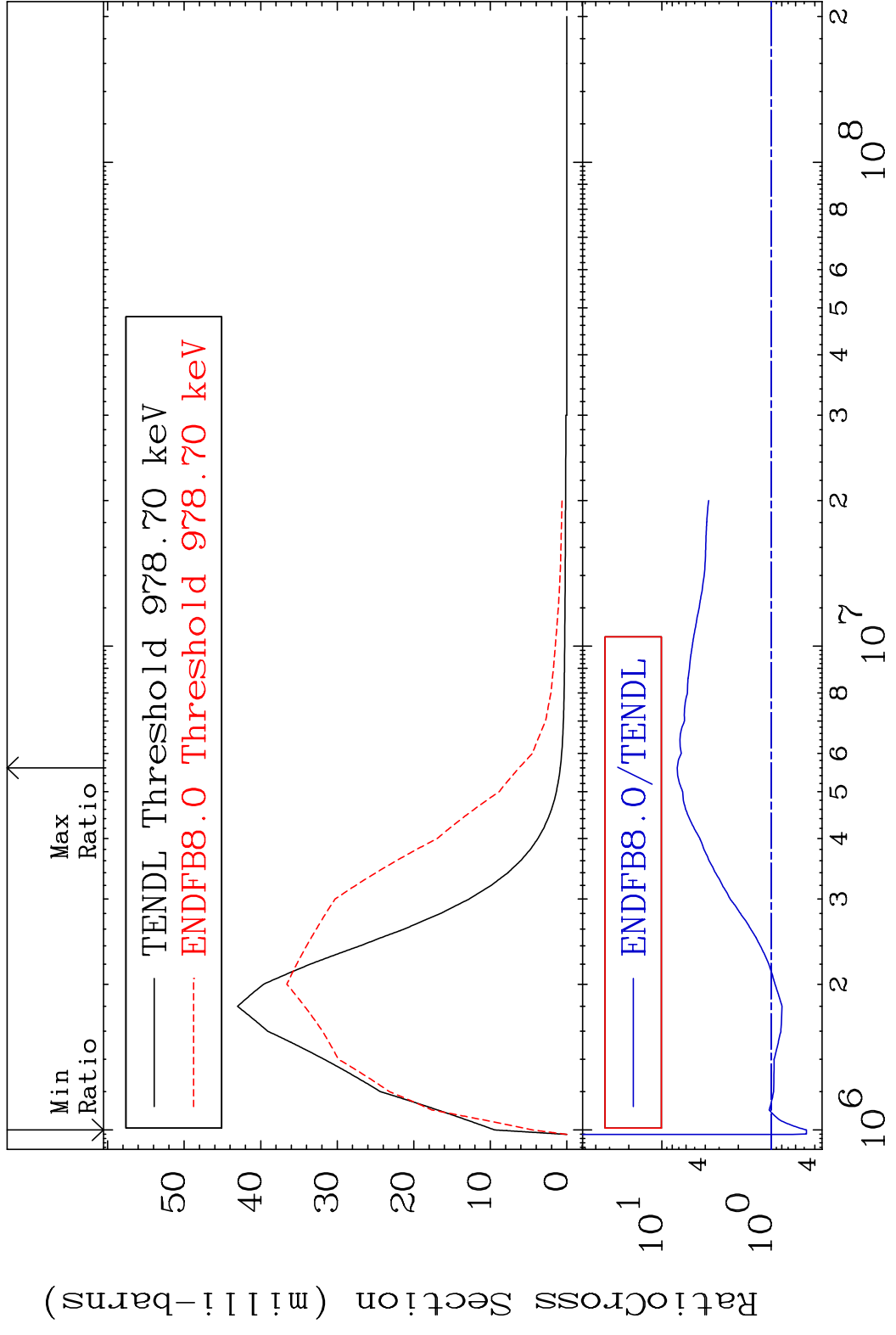


22

Incident Energy (eV)

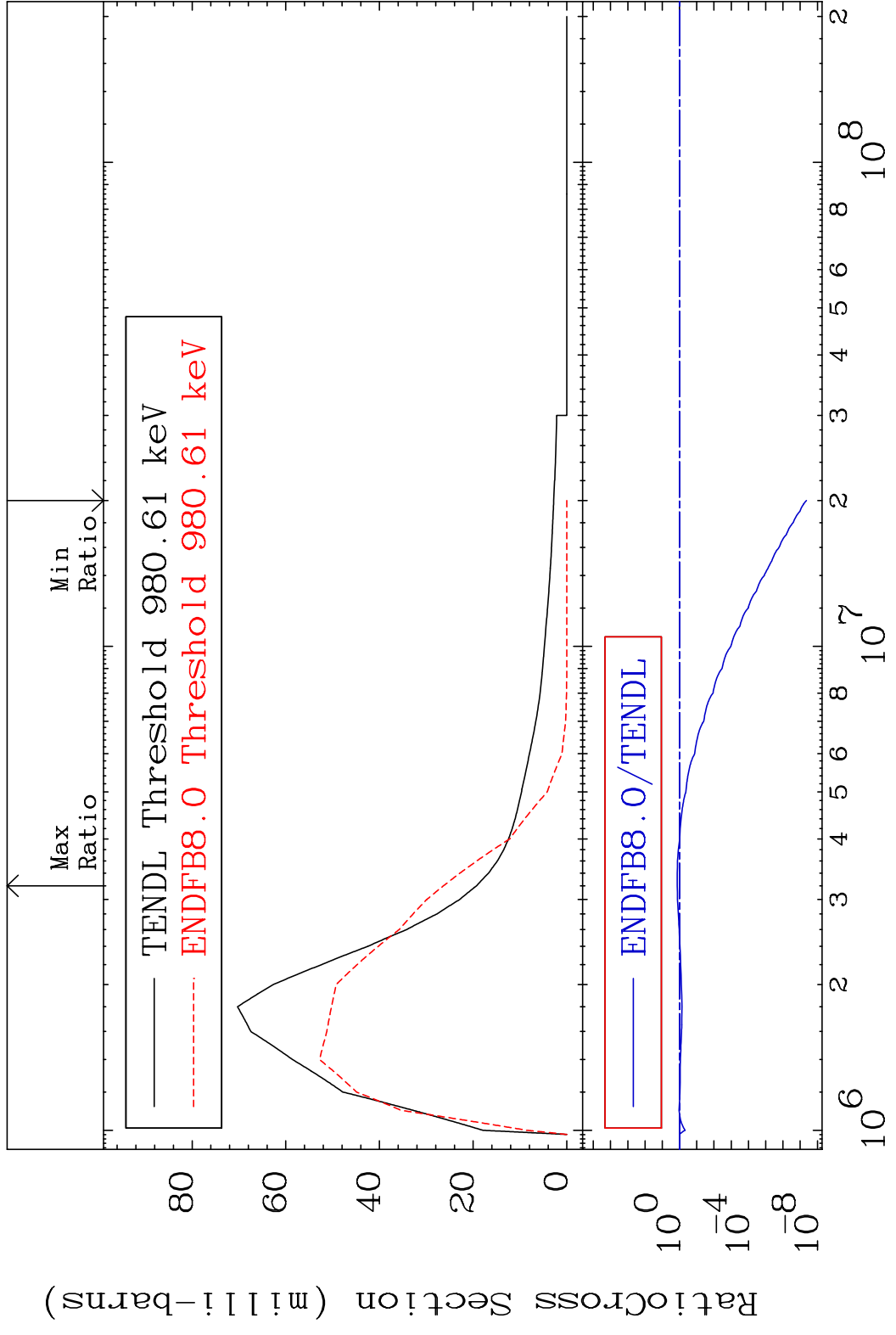
54-Xe-131

MAT 5446 MT= 64 (n,n') Level 54-Xe-131  
 Cross Section -52.24 To 622.7 %



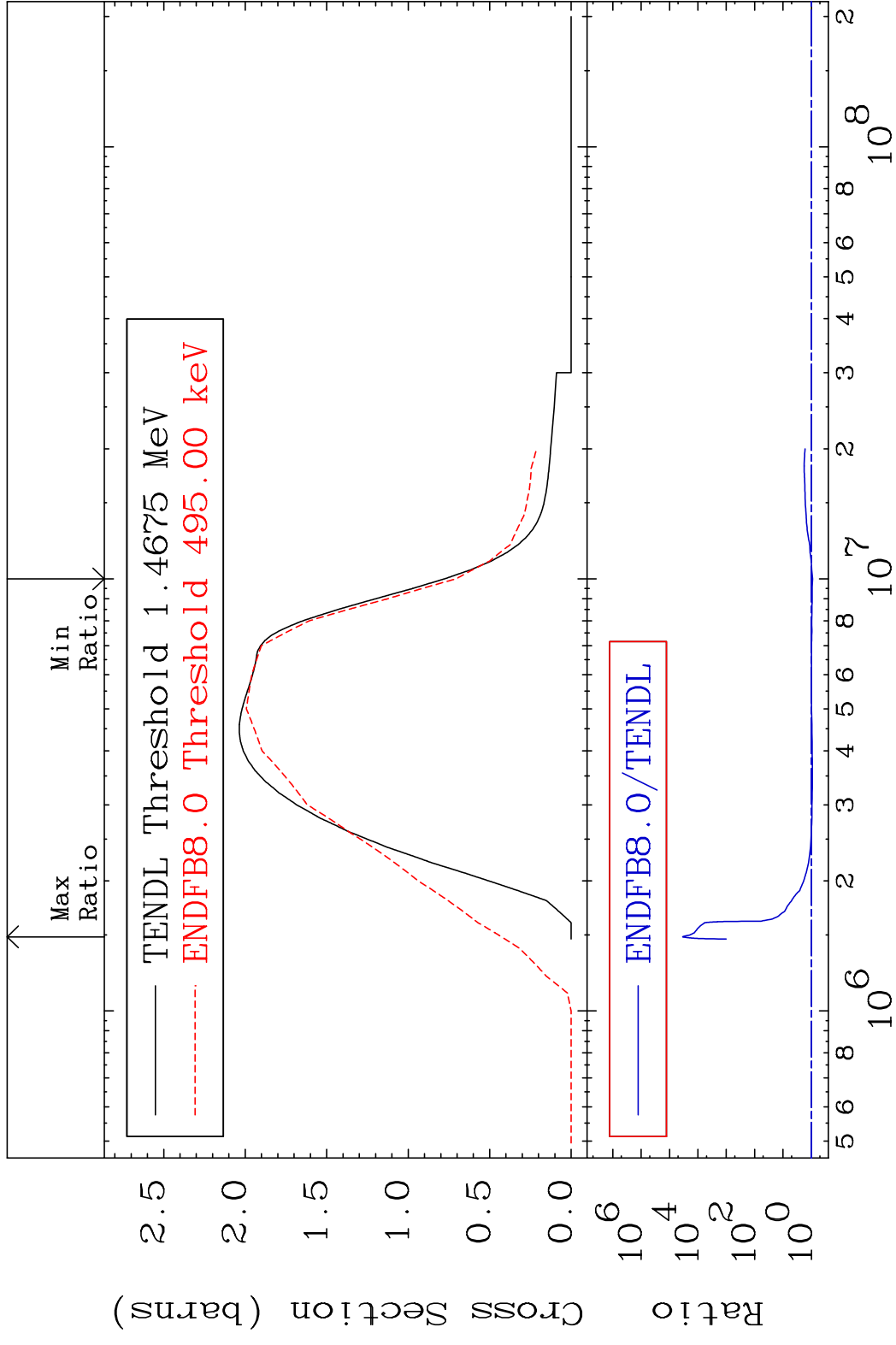


MAT 5446 MT= 65 (n, n') Level 54-Xe-131  
 Cross Section -100.0 To 36.45 %



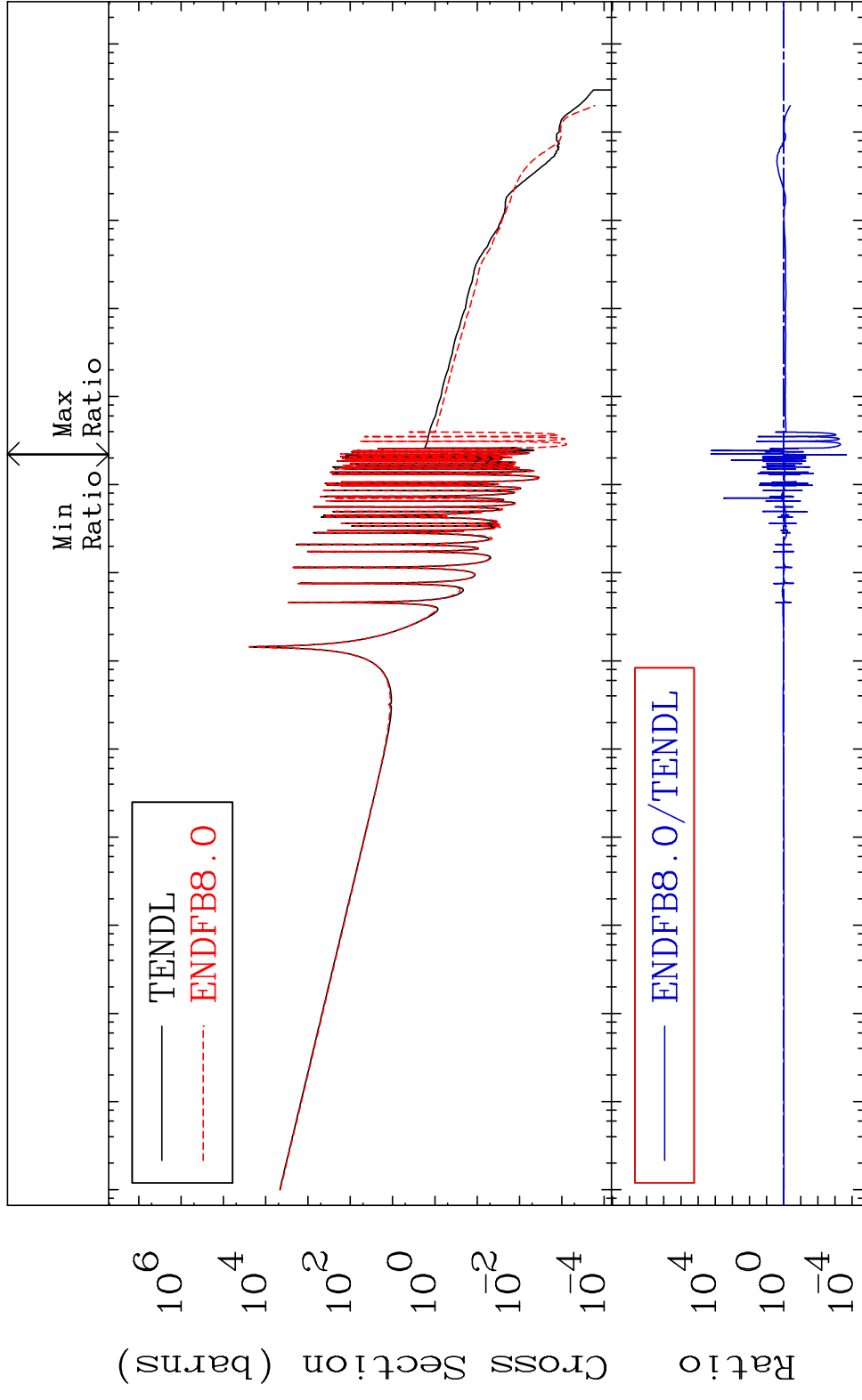
24 Incident Energy (eV) 54-Xe-131

MAT 5446 (n, n') Continuum 54-Xe-131  
 Cross Section -8.966 To 9999. %



MAT 5446

(n,  $\gamma$ )  
Cross Section -99.98 To 9999. %  
54-Xe-131

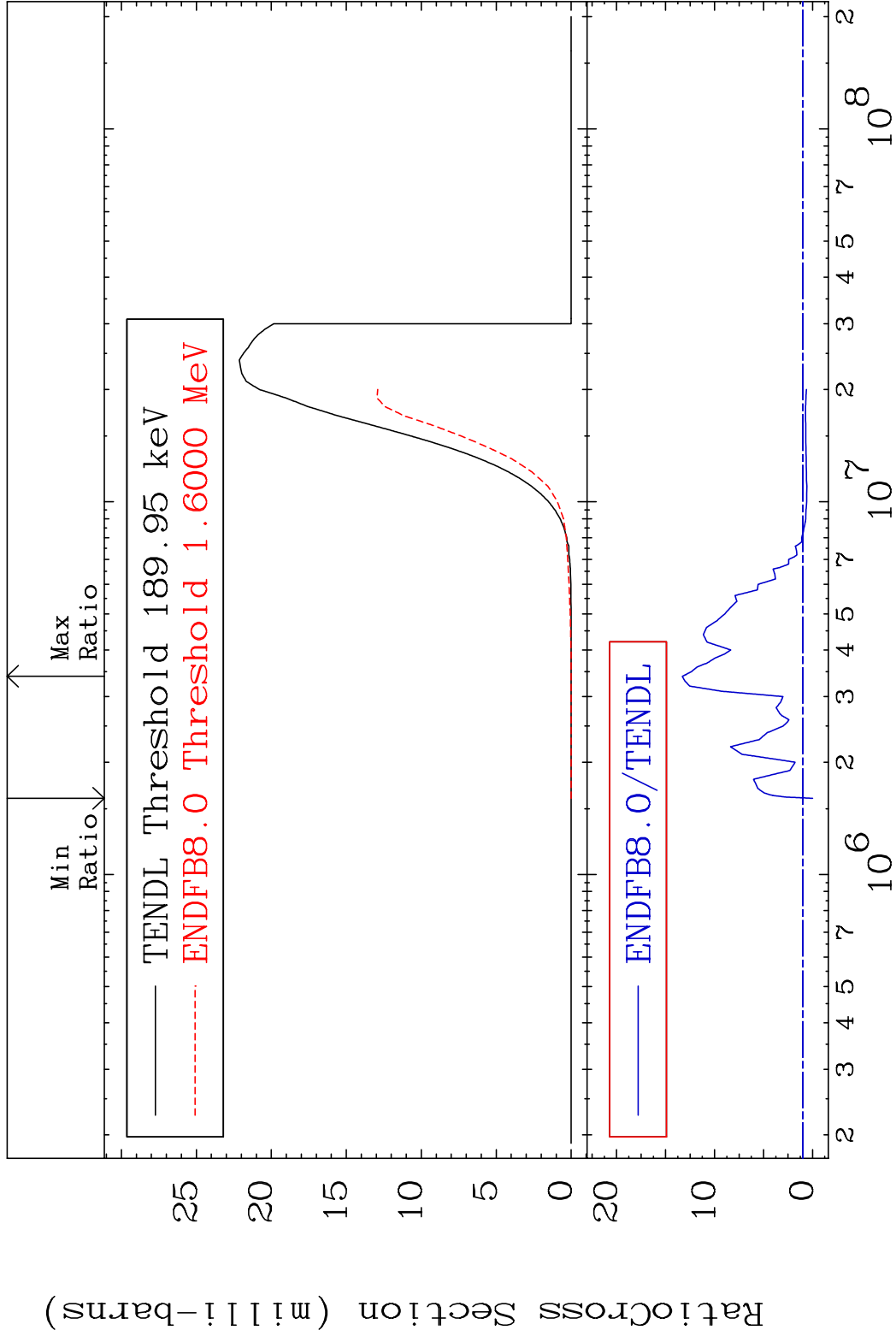


MAT 5446

(n, p)

54-Xe-131

Cross Section -100.0 To 1229. %

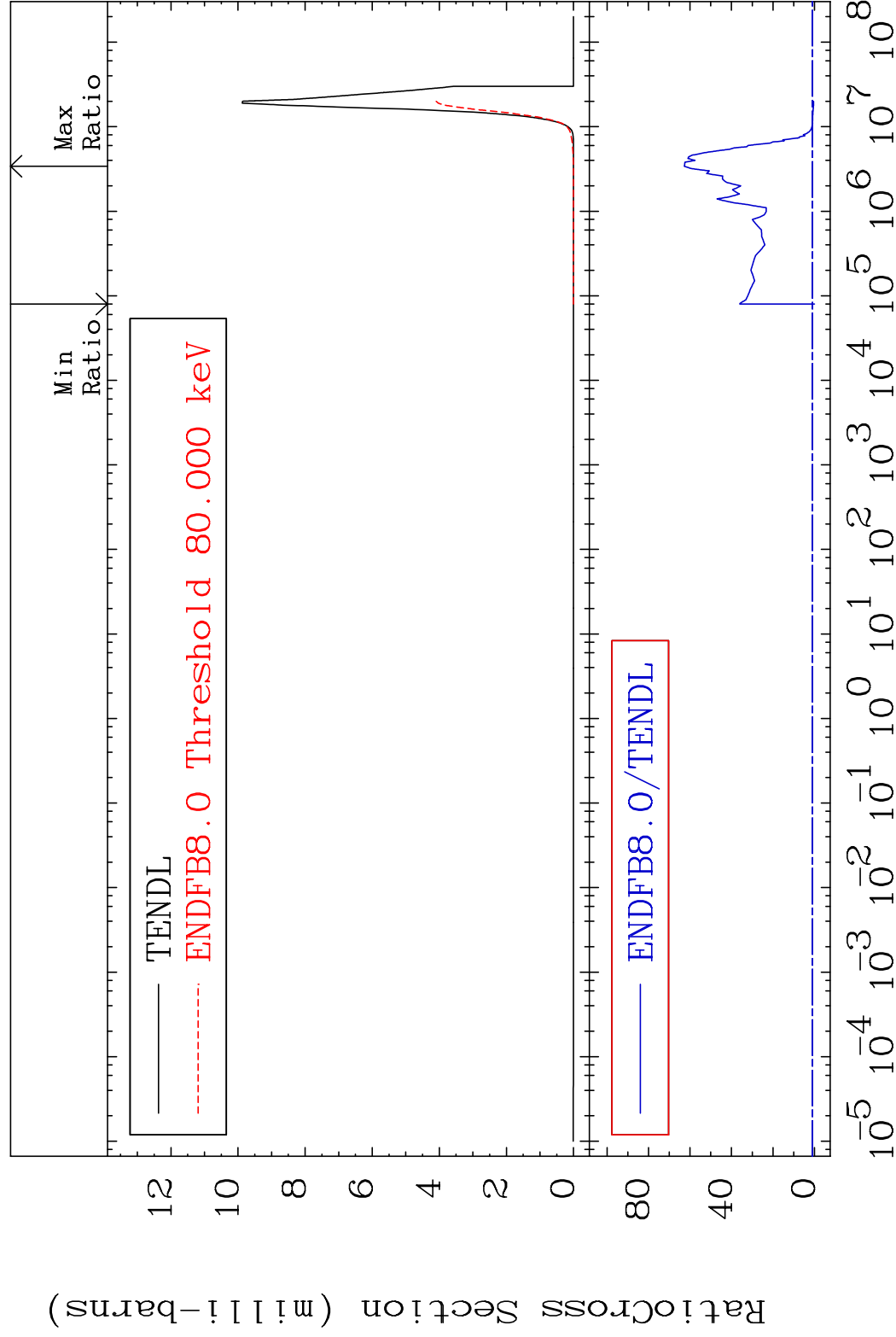


MAT 5446

(n,  $\alpha$ )

54-Xe-131

Cross Section -100.0 To 6168. %



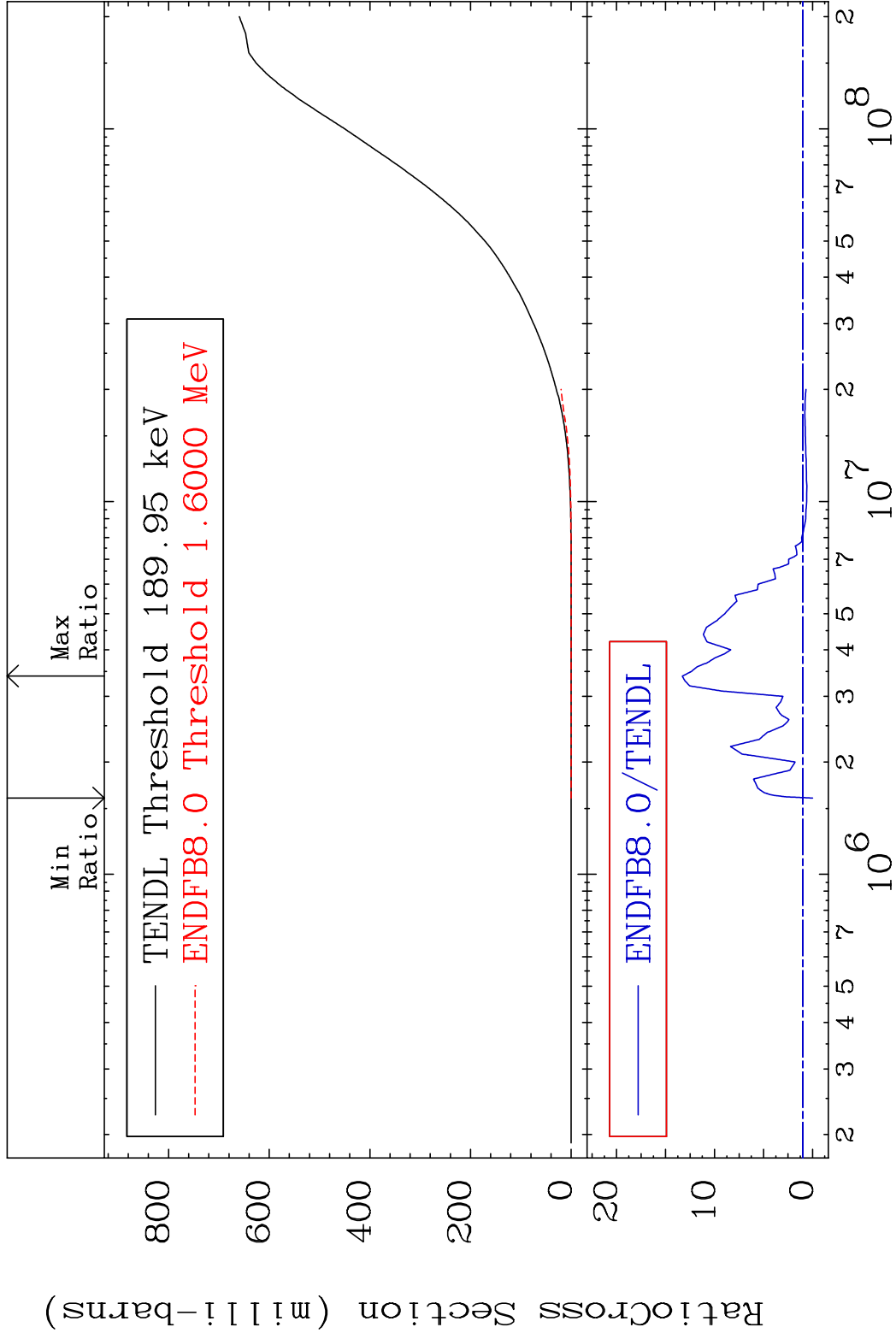
28

Incident Energy (eV)

54-Xe-131

MAT 5446

Hydrogen Production 54-Xe-131  
Cross Section -100.0 To 1229. %

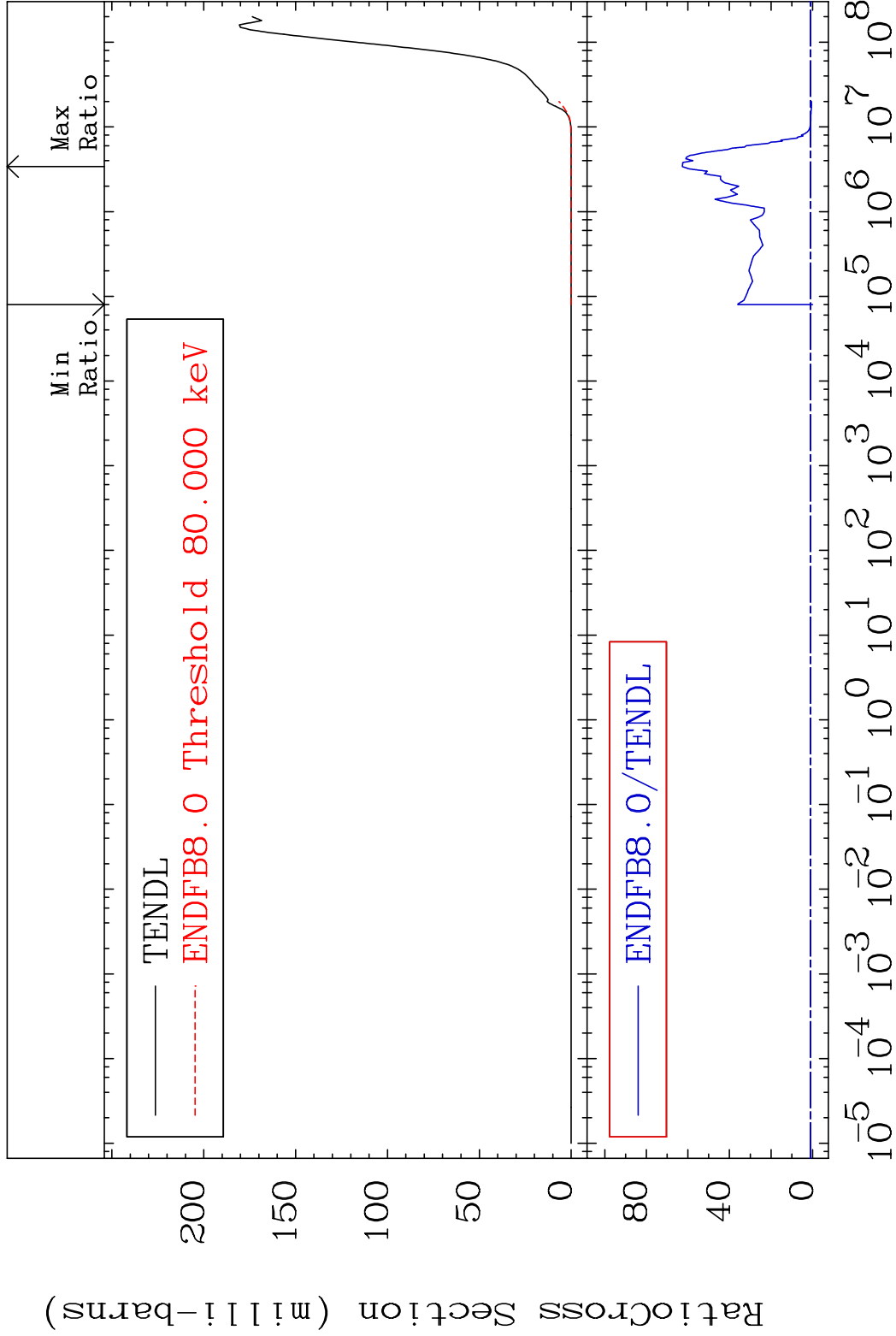


MAT 5446

He-4 Production

54-Xe-131

Cross Section -100.0 To 6168. %

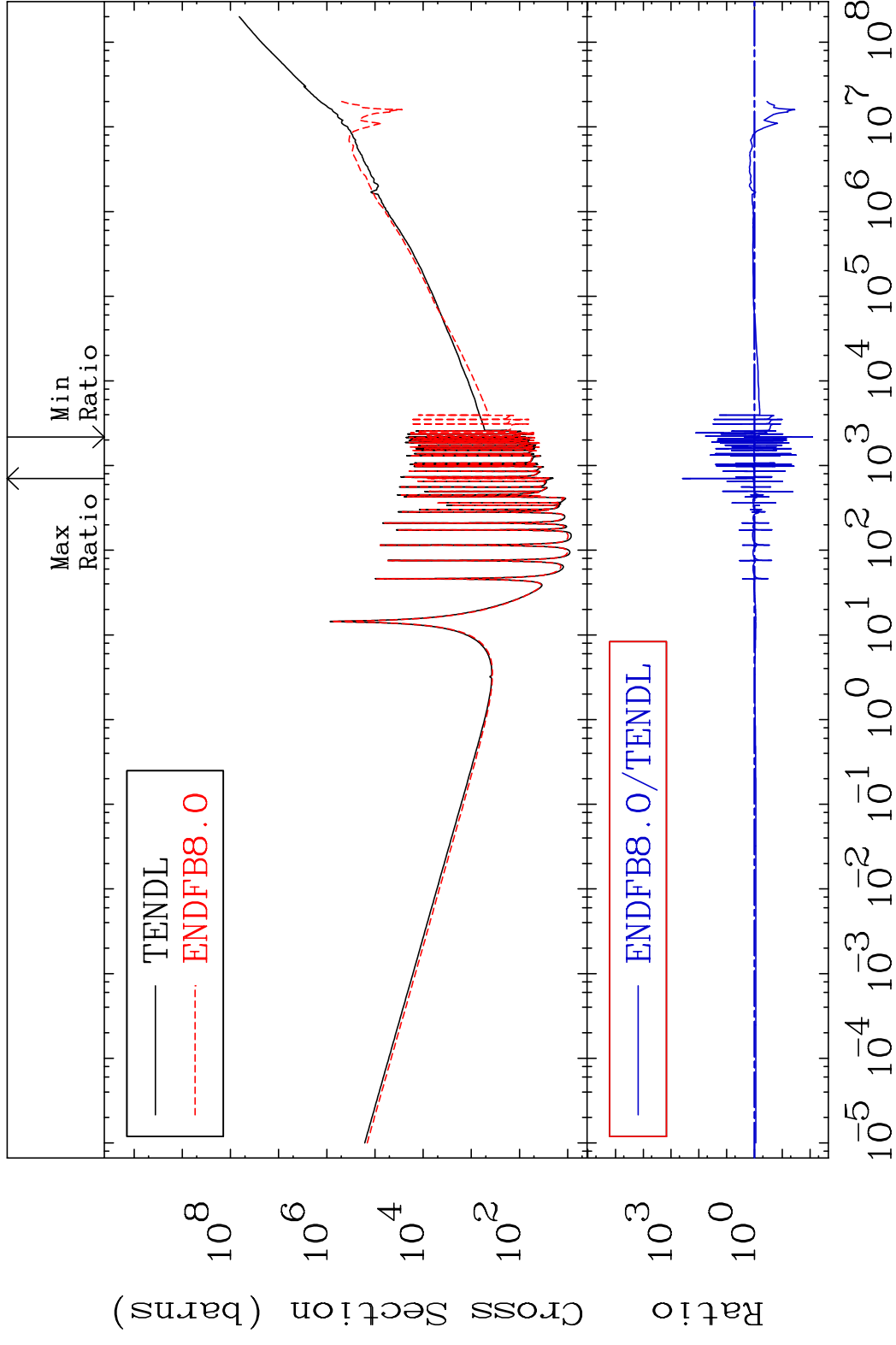


30

Incident Energy (eV)

54-Xe-131

MAT 5446 Kerma total (eV-barns) 54-Xe-131  
 Cross Section -99.19 To 9999. %



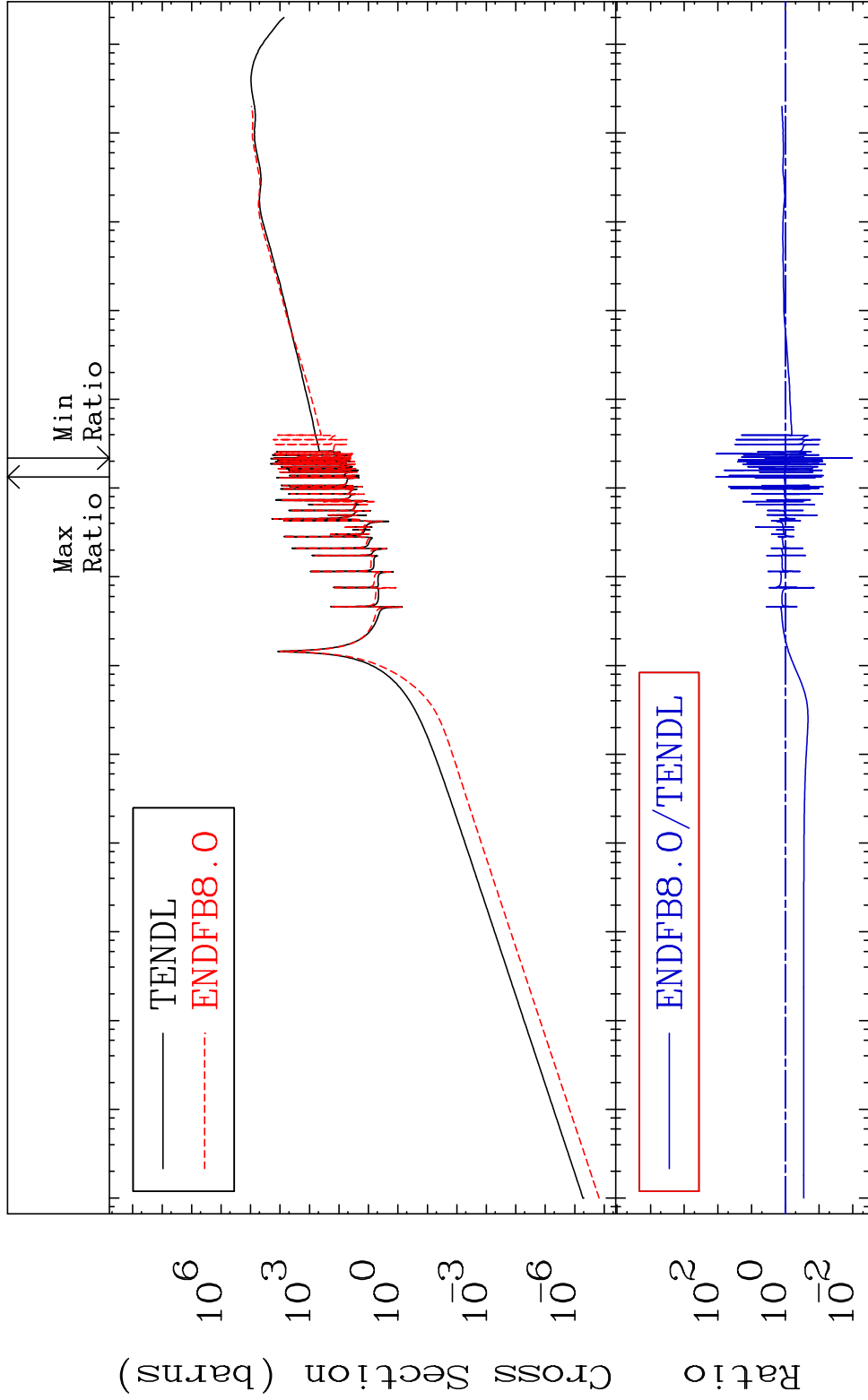


MAT 5446

Kerma elastic  
Cross Section

54-Xe-131

-98.96 To 9999. %

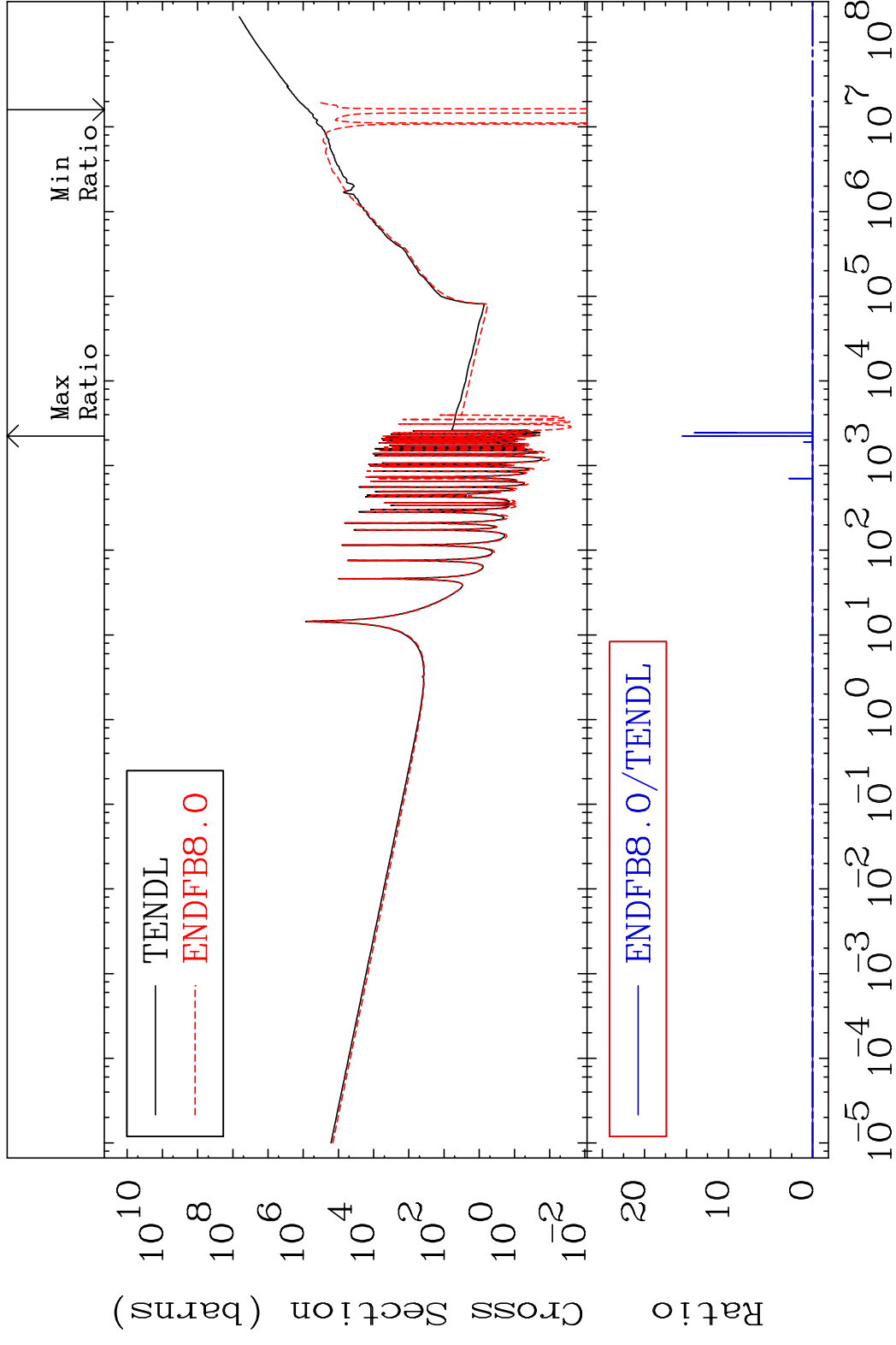


32

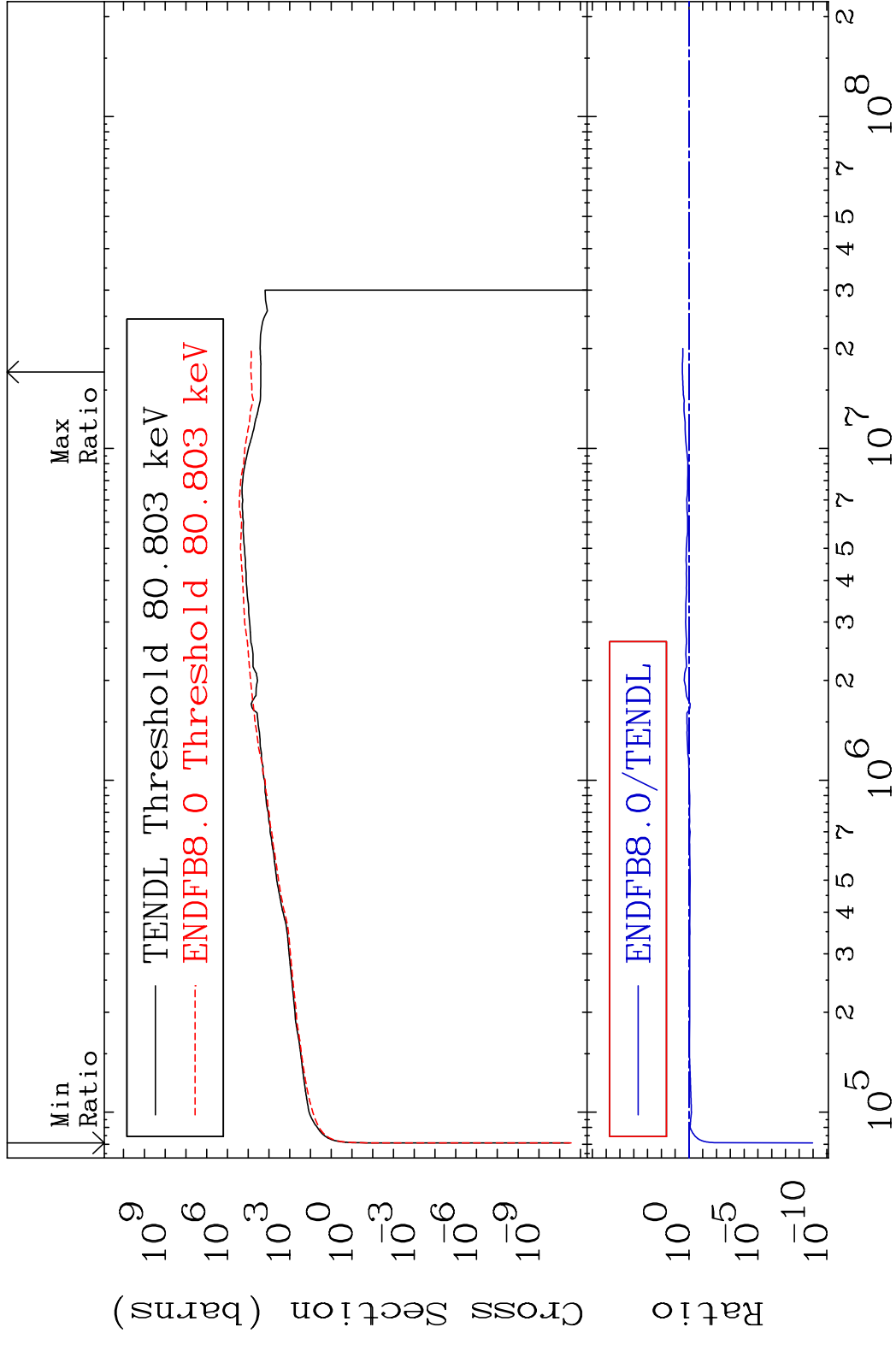
Incident Energy (eV)

54-Xe-131

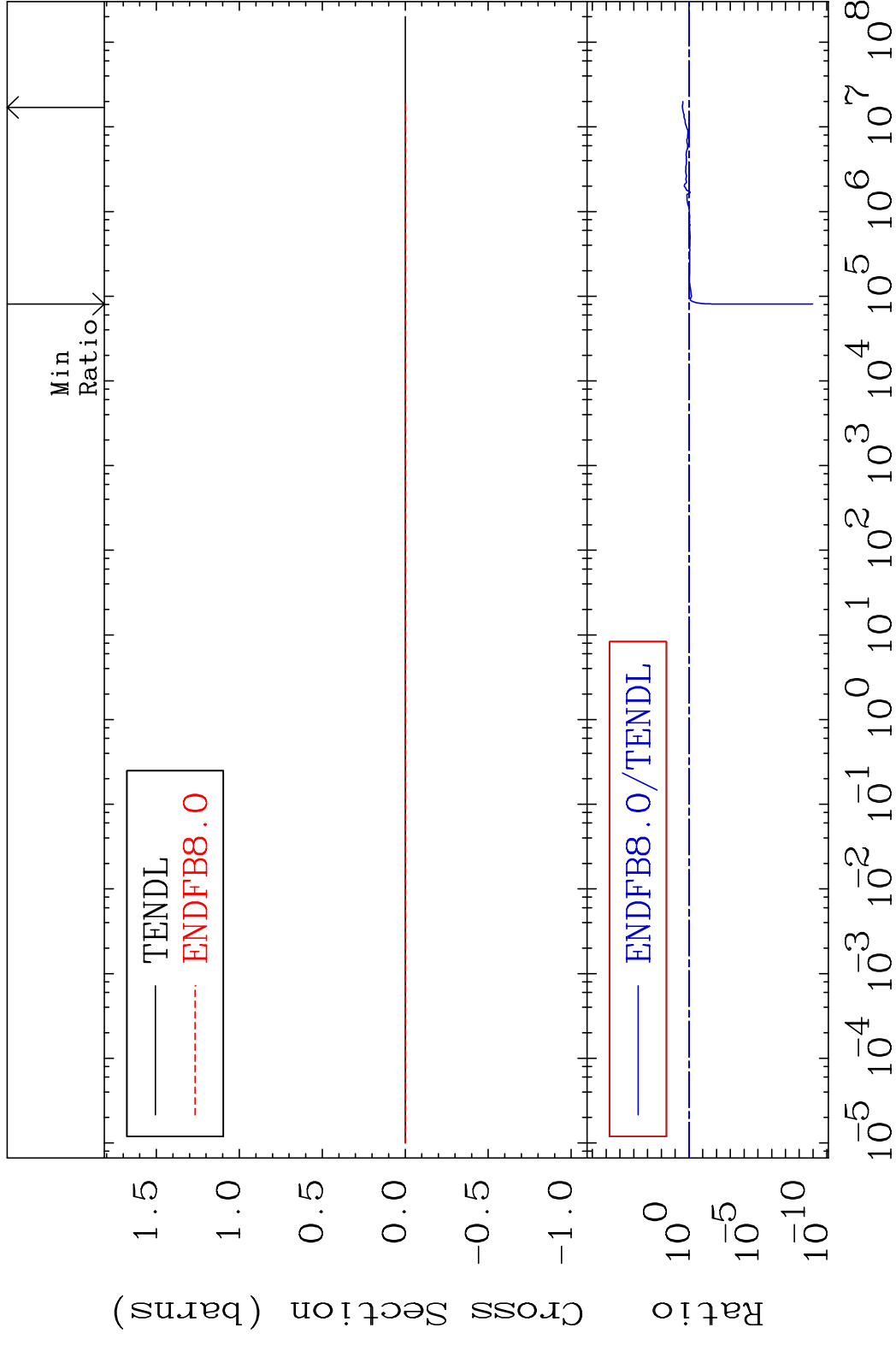
MAT 5446 Kerma non-elastic (all but mt2) 54-Xe-131  
 Cross Section -108.2 To 9999. %



MAT 5446 Kerma inelastic (mt51-91) 54-Xe-131  
 Cross Section -100.0 To 198.9 %

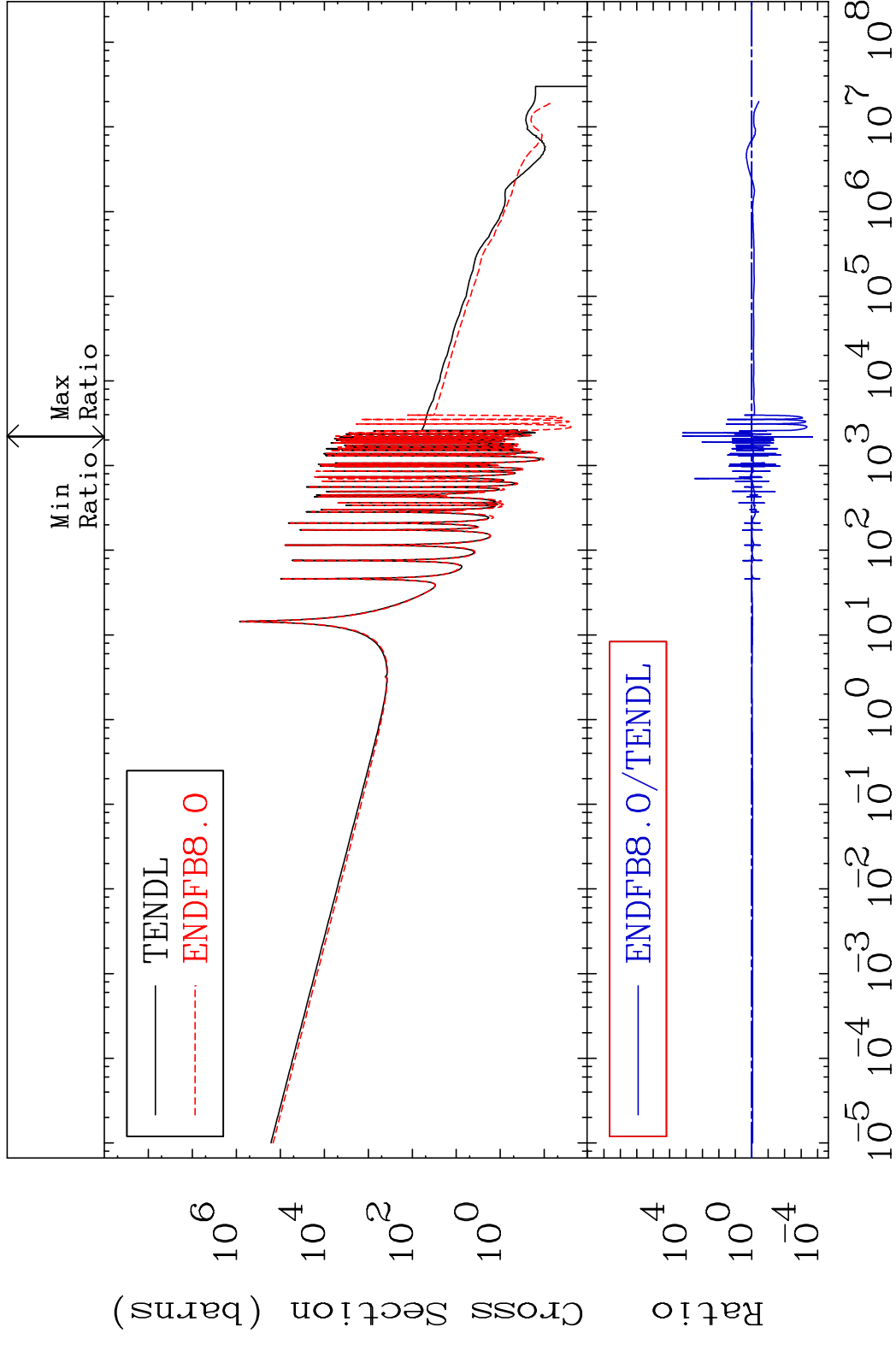


MAT 5446 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-131  
 Cross Section -100.0 To 198.9 %

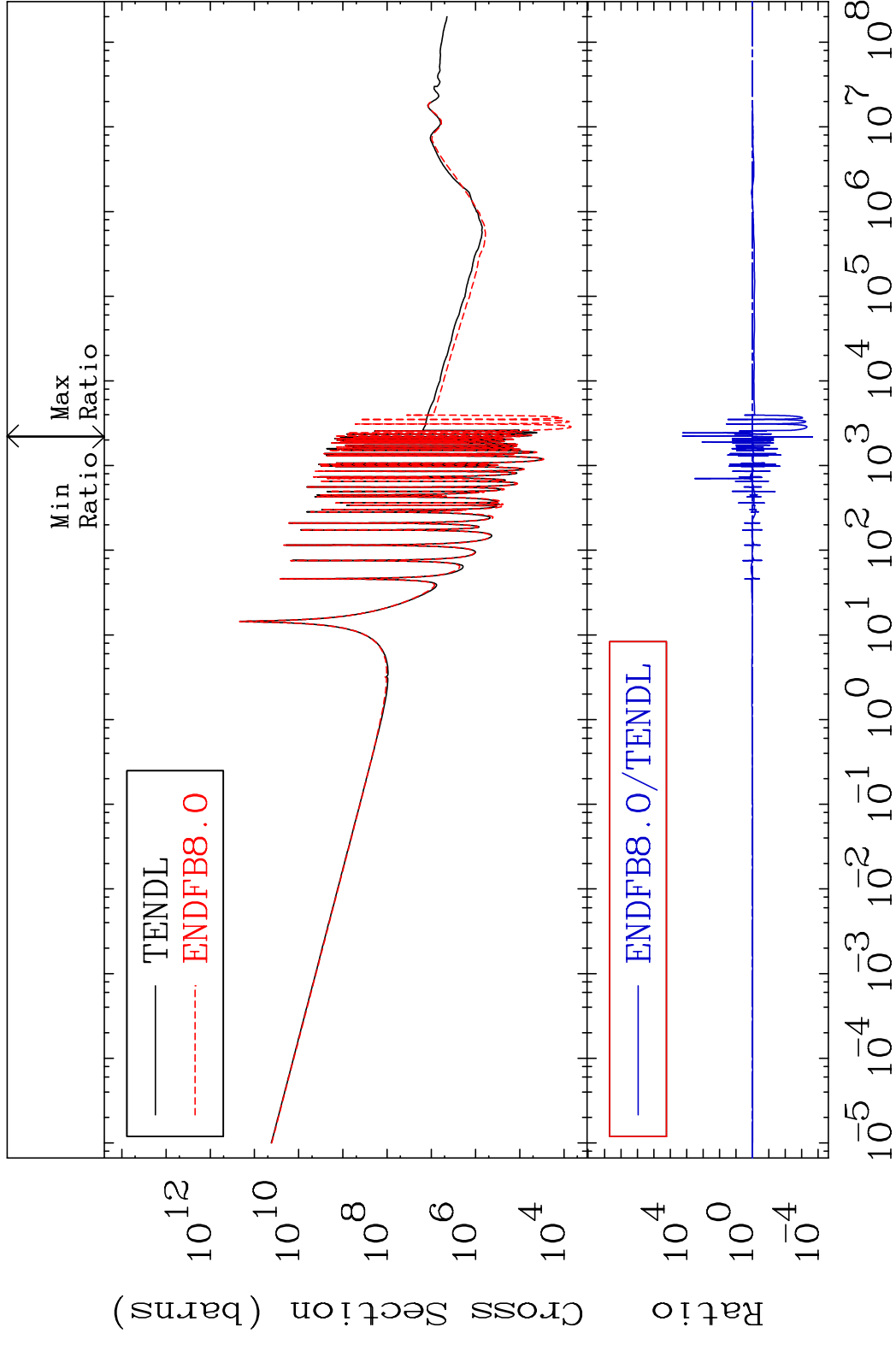


MAT 5446

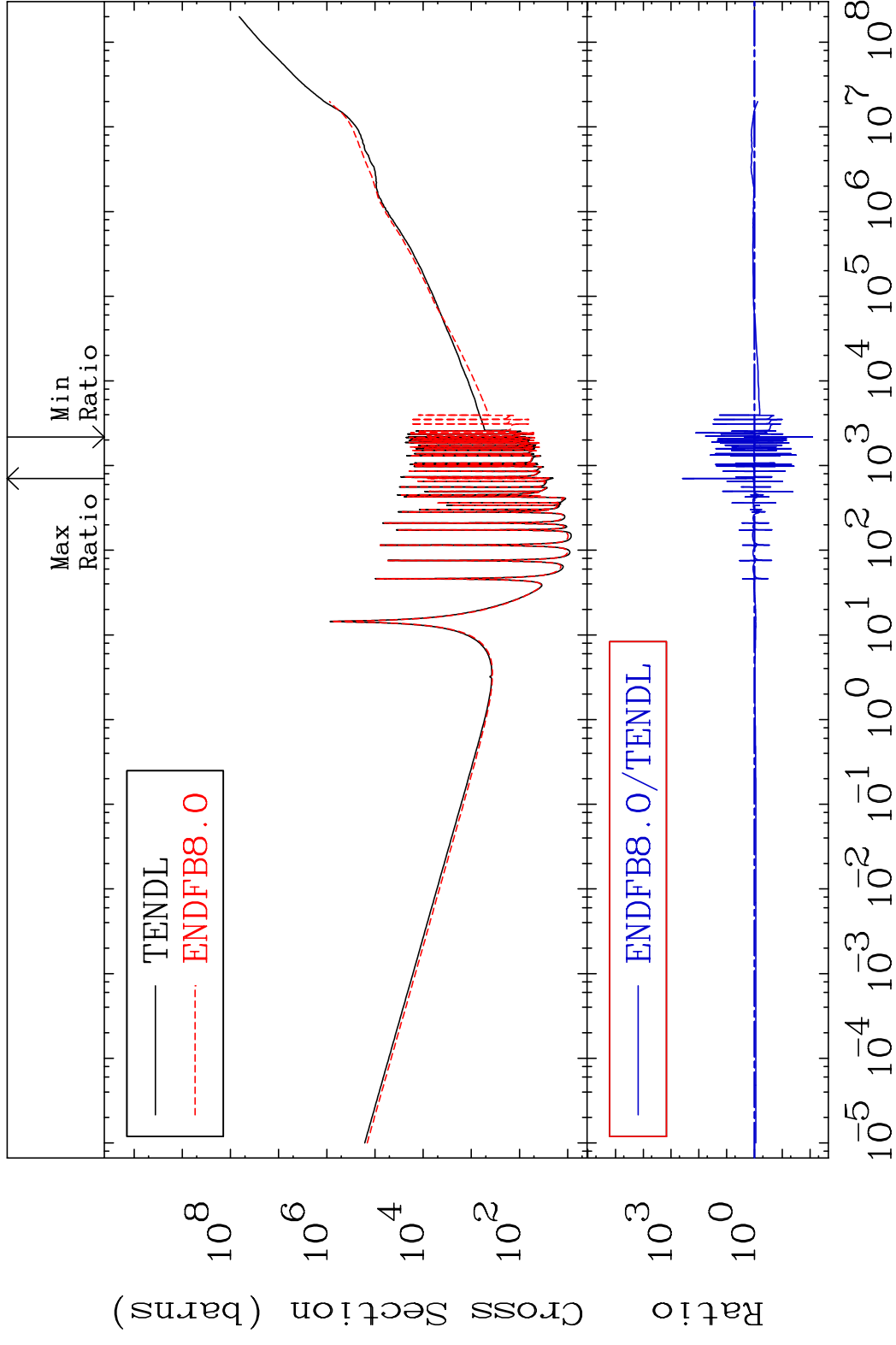
Kerma capture (mt102) 54-Xe-131  
Cross Section -99.98 To 9999. %



MAT 5446 Total photon (eV-barns) 54-Xe-131  
 Cross Section -99.98 To 9999. %



MAT 5446 Total kinematic kerma (high limit) 54-Xe-131  
 Cross Section -99.19 To 9999. %

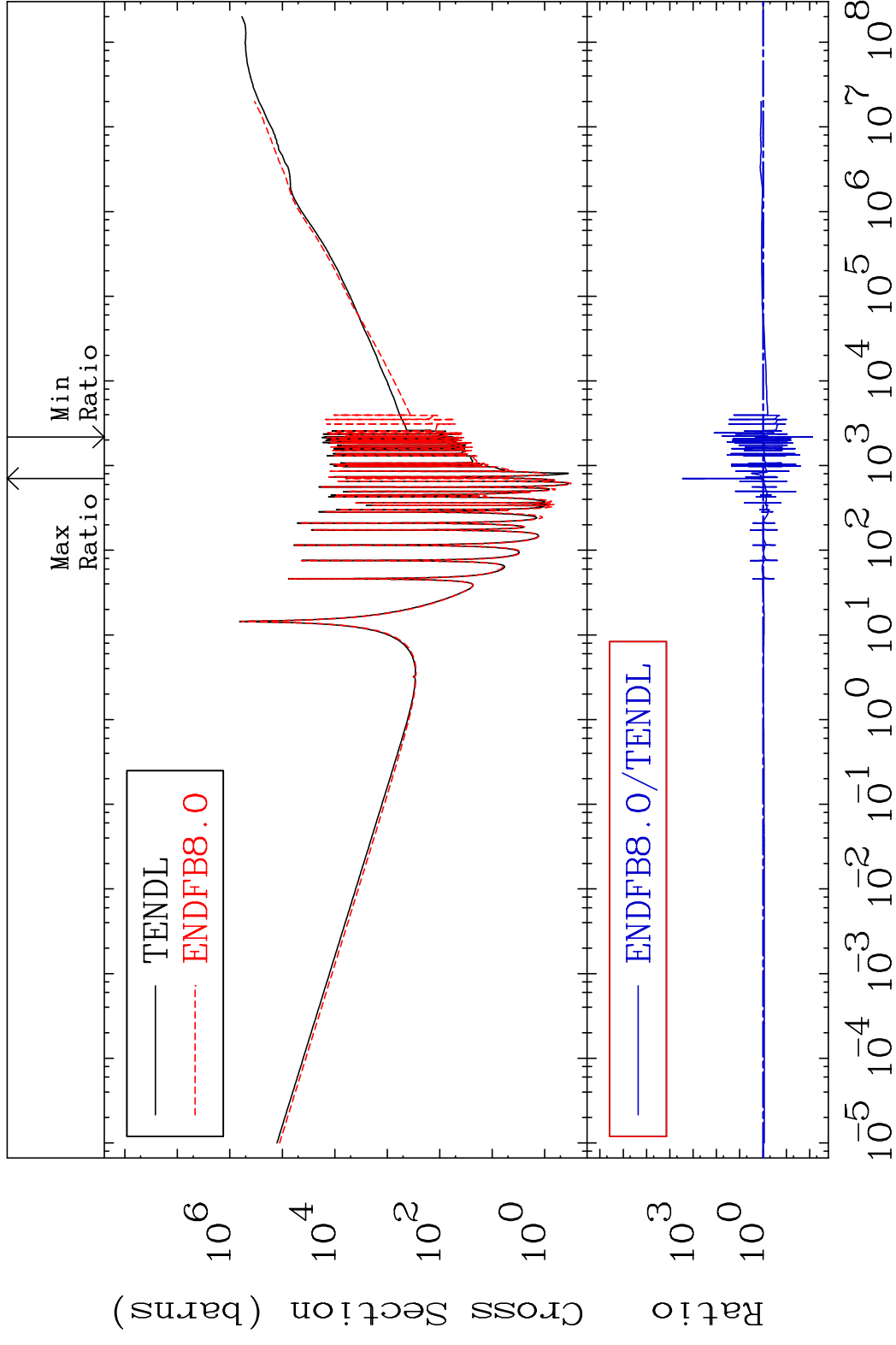


MAT 5446

Dpa total (eV-barns)

54-Xe-131

Cross Section -99.25 To 9999. %



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Incident Energy (eV)

54-Xe-131

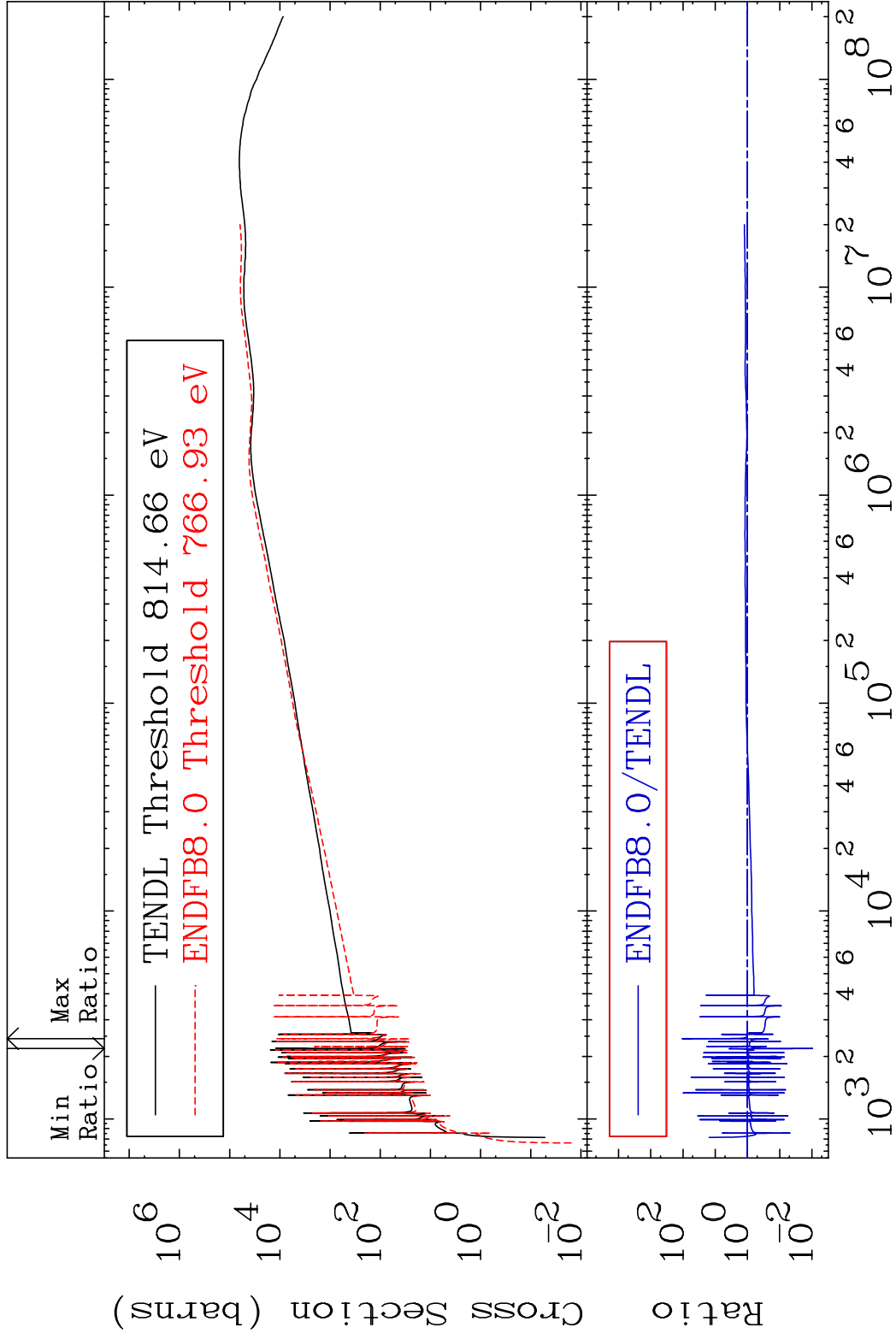


MAT 5446

Dpa elastic (mt2)

54-Xe-131

Cross Section -99.04 To 9999. %

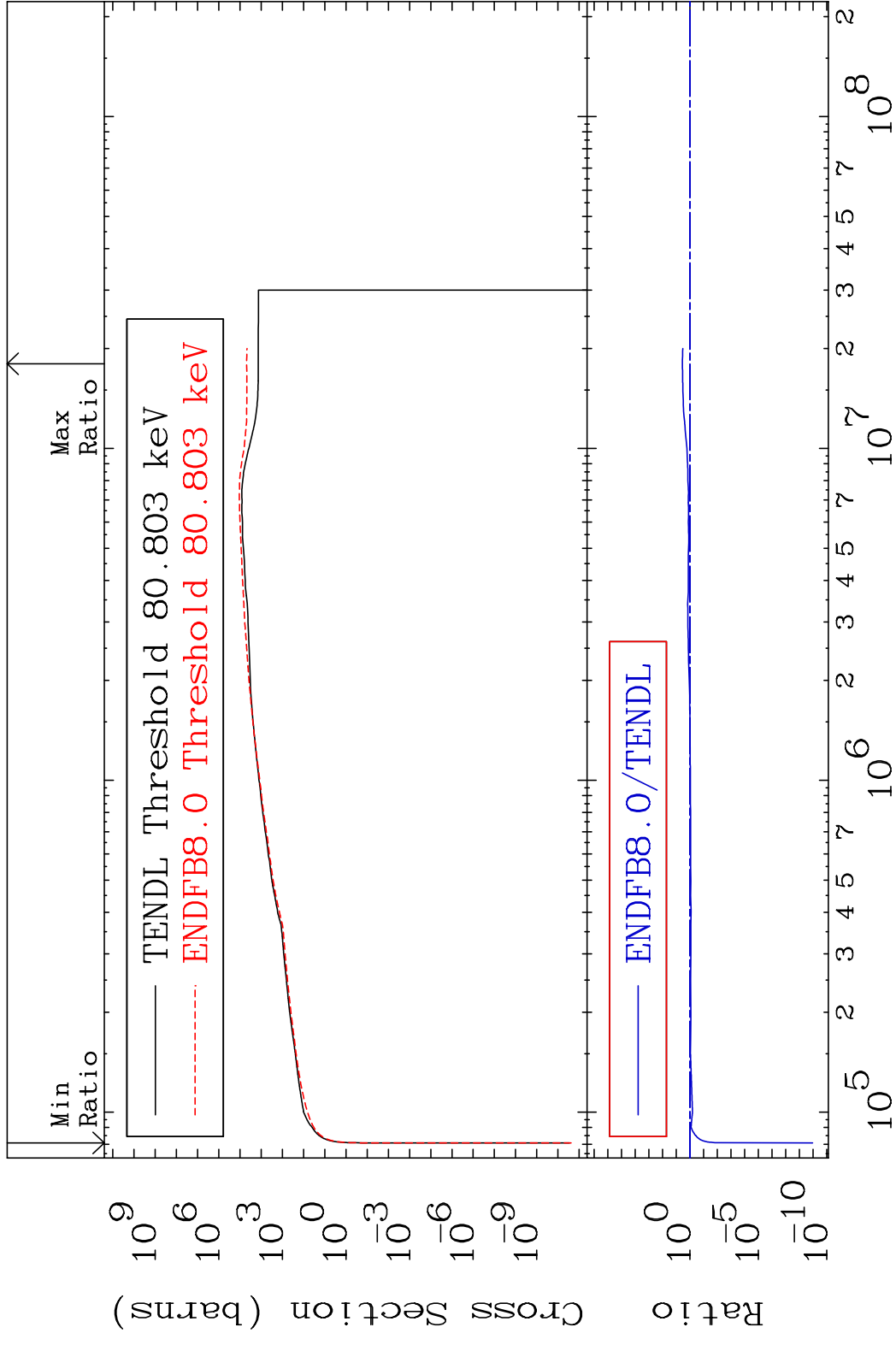


40

Incident Energy (eV)

54-Xe-131

MAT 5446 Dpa inelastic (mt51-91) 54-Xe-131  
 Cross Section -100.0 To 260.7 %



MAT 5446 Dpa disappearance (mt102 -120) 54-Xe-131  
 Cross Section -99.98 To 9999. %

