

Program Complot  
(Version 2021-1)

by

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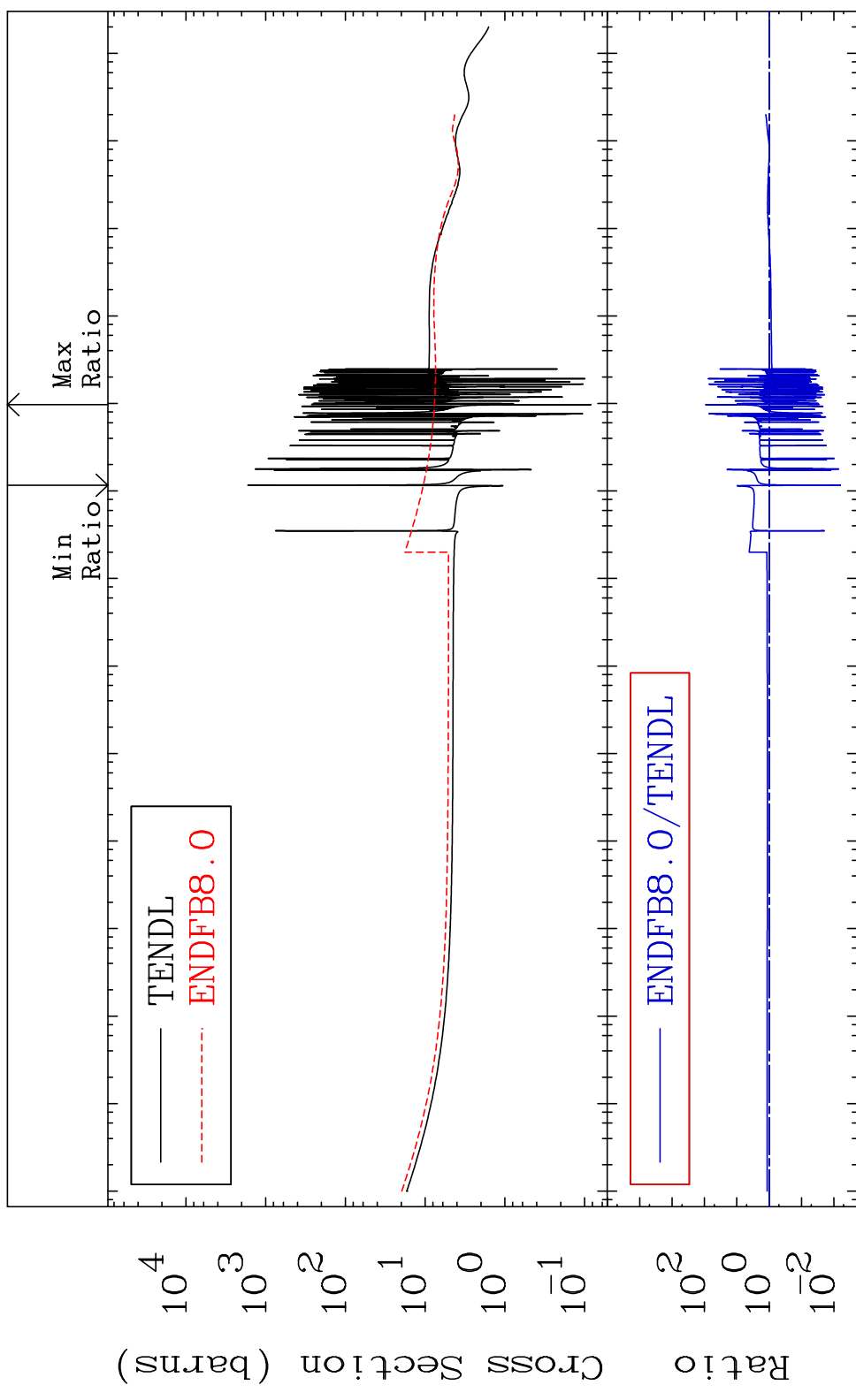
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4425

Total Cross Section -99.38 To 9019. % 44-Ru-96



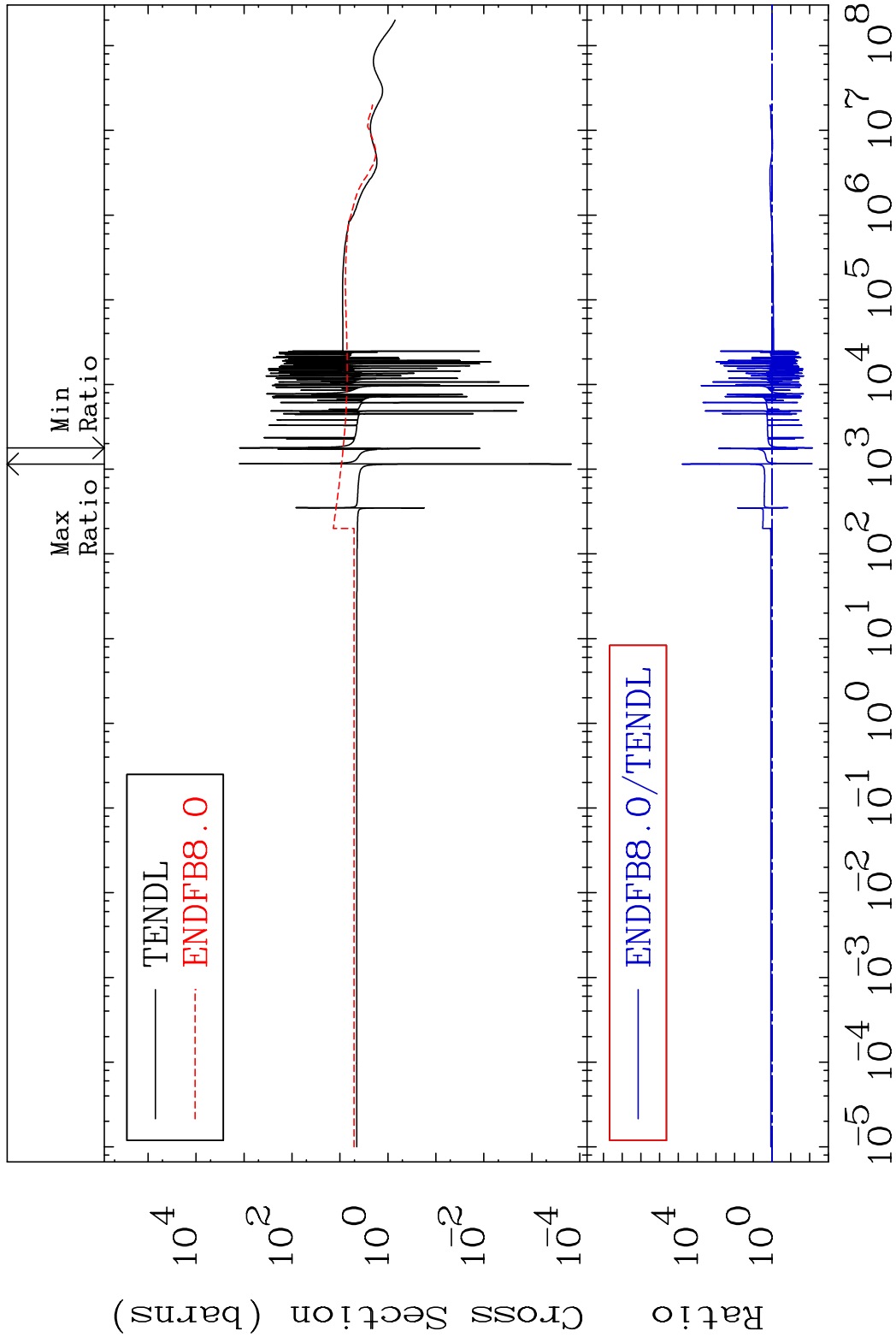
1 Incident Energy (eV) 44-Ru-96

MAT 4425

Elastic

44-Ru-96

Cross Section -99.31 To 9999. %

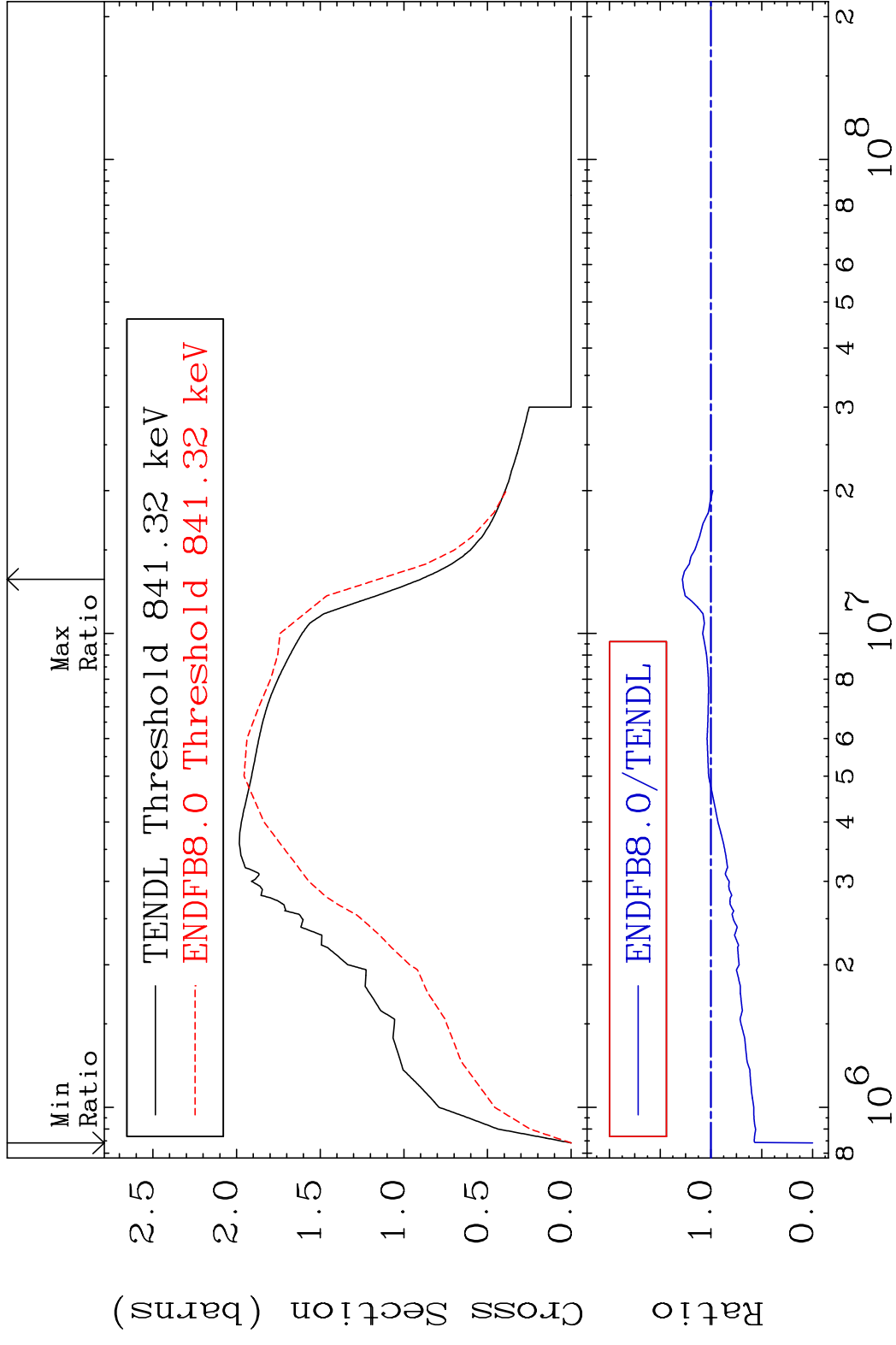


2

Incident Energy (eV)

44-Ru-96

MAT 4425 Inelastic 44-Ru-96  
 Cross Section -100.0 To 28.18 %



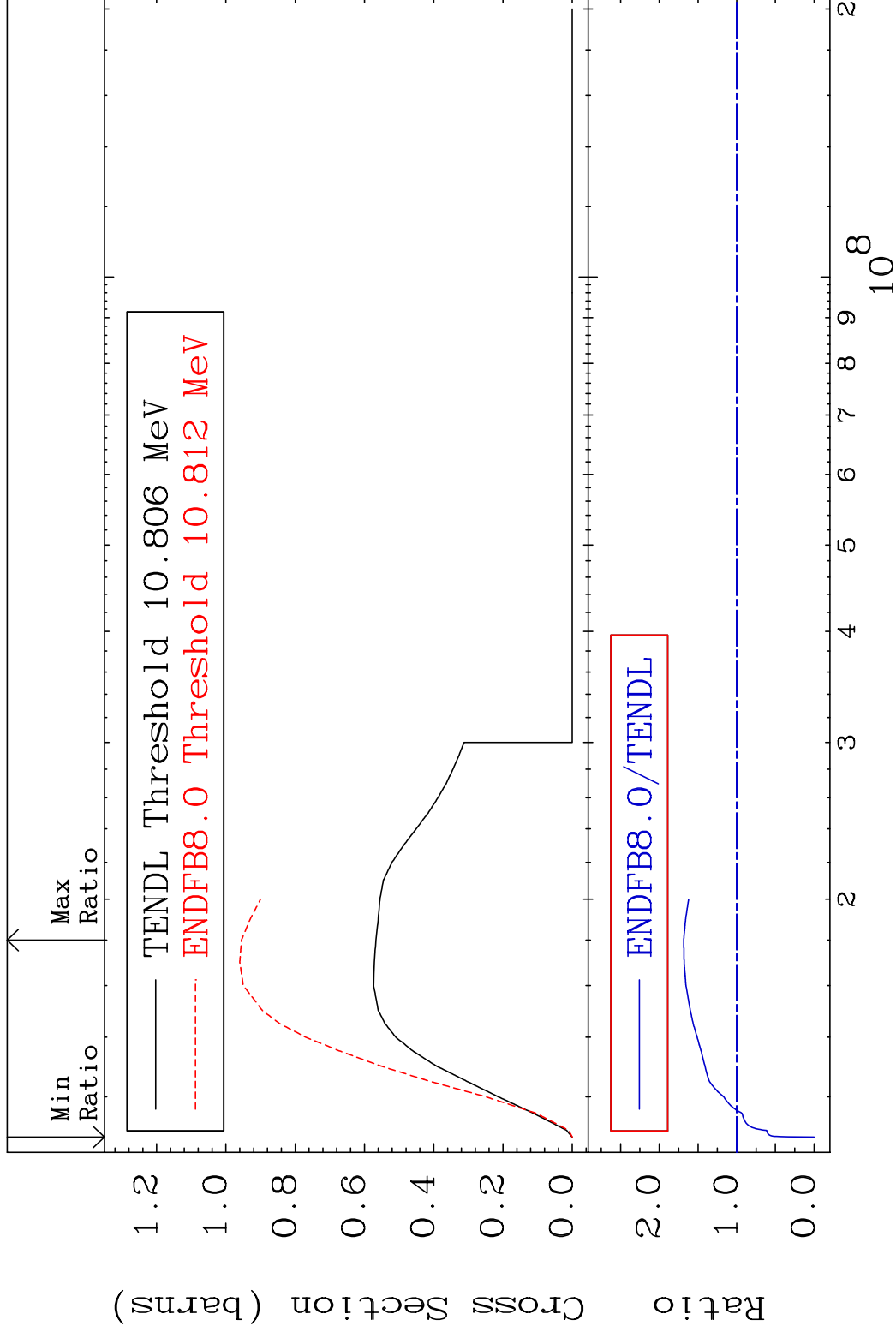
3 3 Incident Energy (eV) 44-Ru-96

MAT 4425

(n,2n)

44-Ru-96

Cross Section -100.0 To 68.49 %

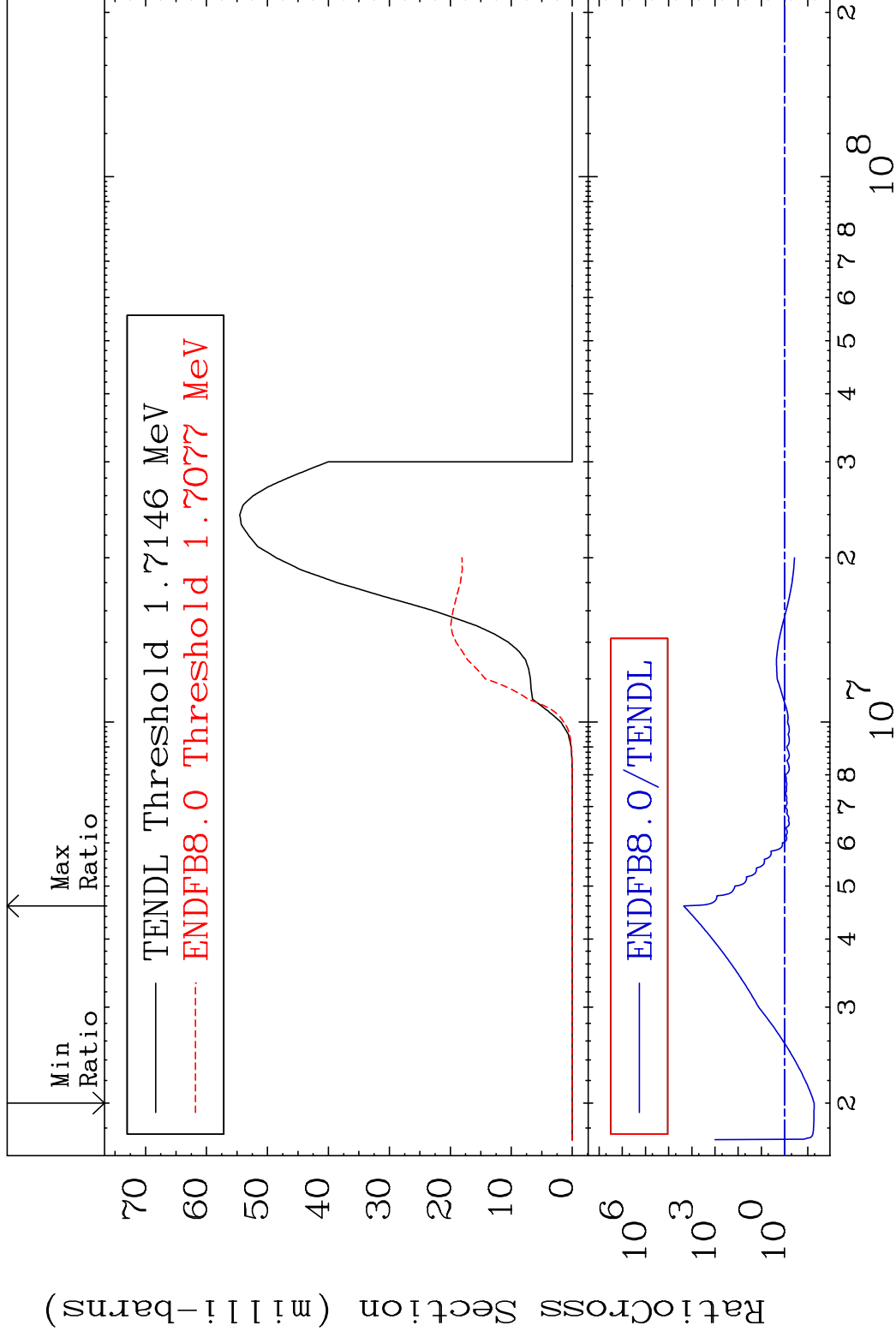


MAT 4425

(n, n')  $\alpha$

44-Ru-96

Cross Section -94.70 To 9999. %



5

Incident Energy (eV)

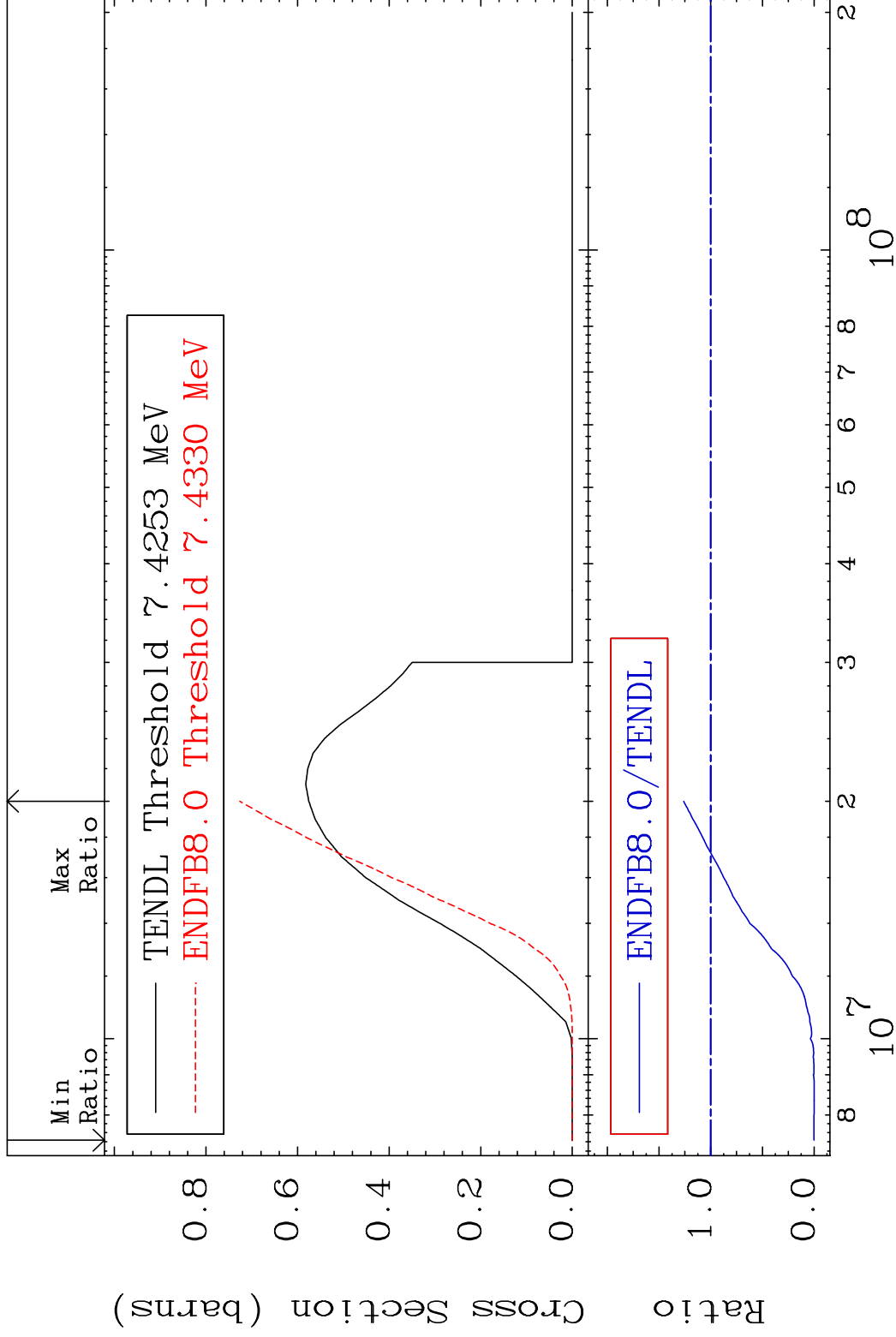
44-Ru-96

MAT 4425

(n, n') p

44-Ru-96

Cross Section -100.0 To 26.19 %



6

Incident Energy (eV)

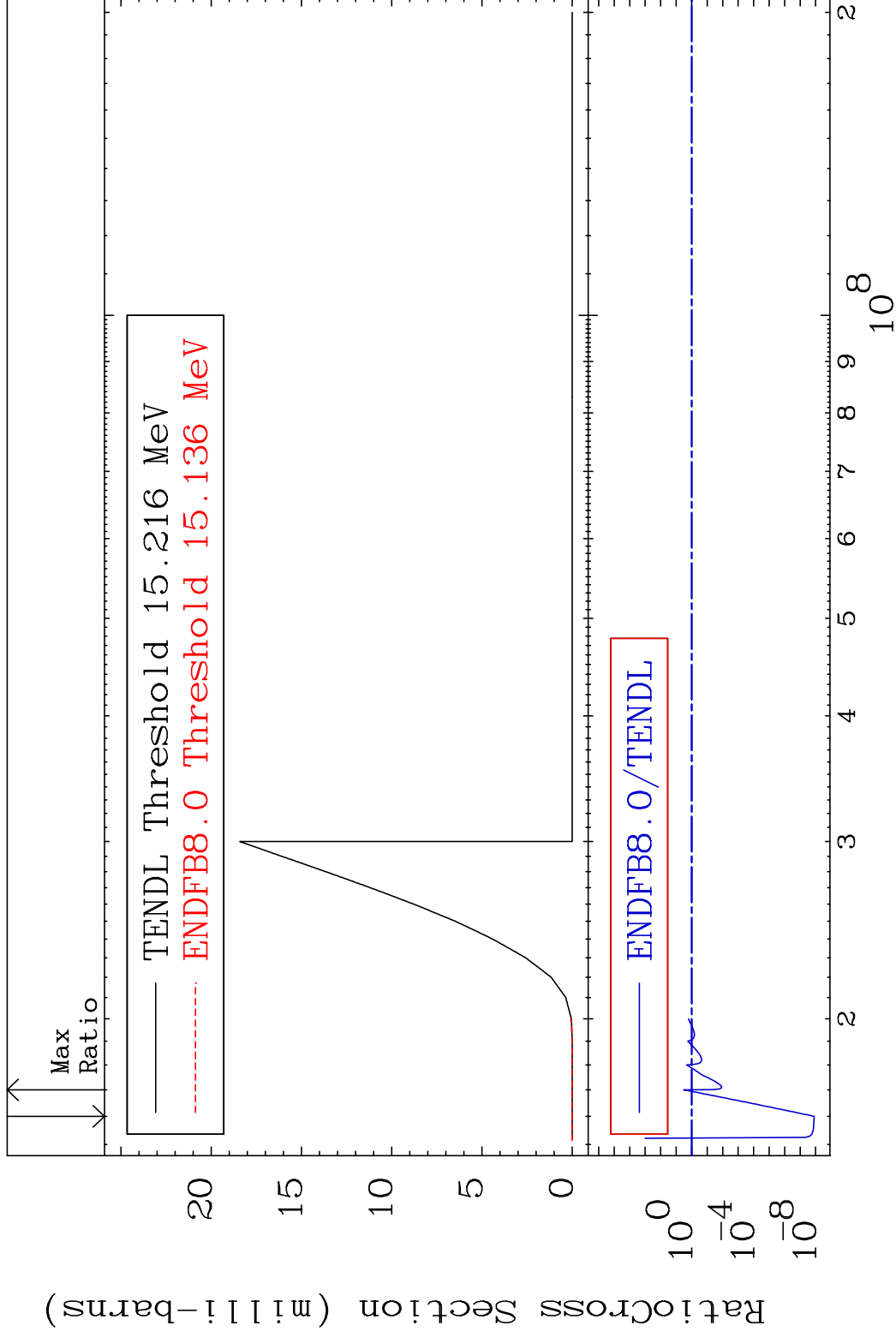
44-Ru-96

MAT 4425

(n, n') d

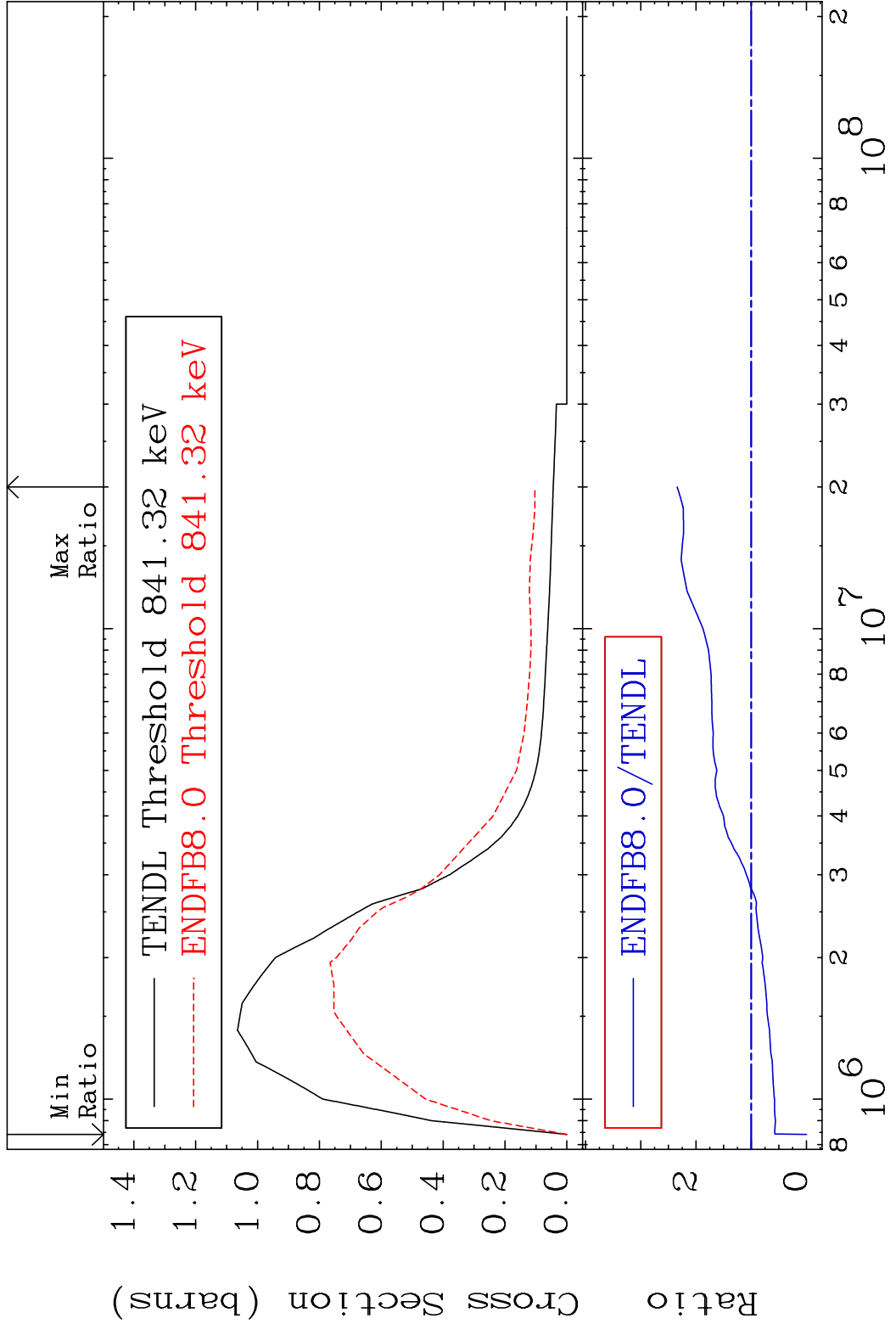
44-Ru-96

Cross Section -100.0 To 229.3 %



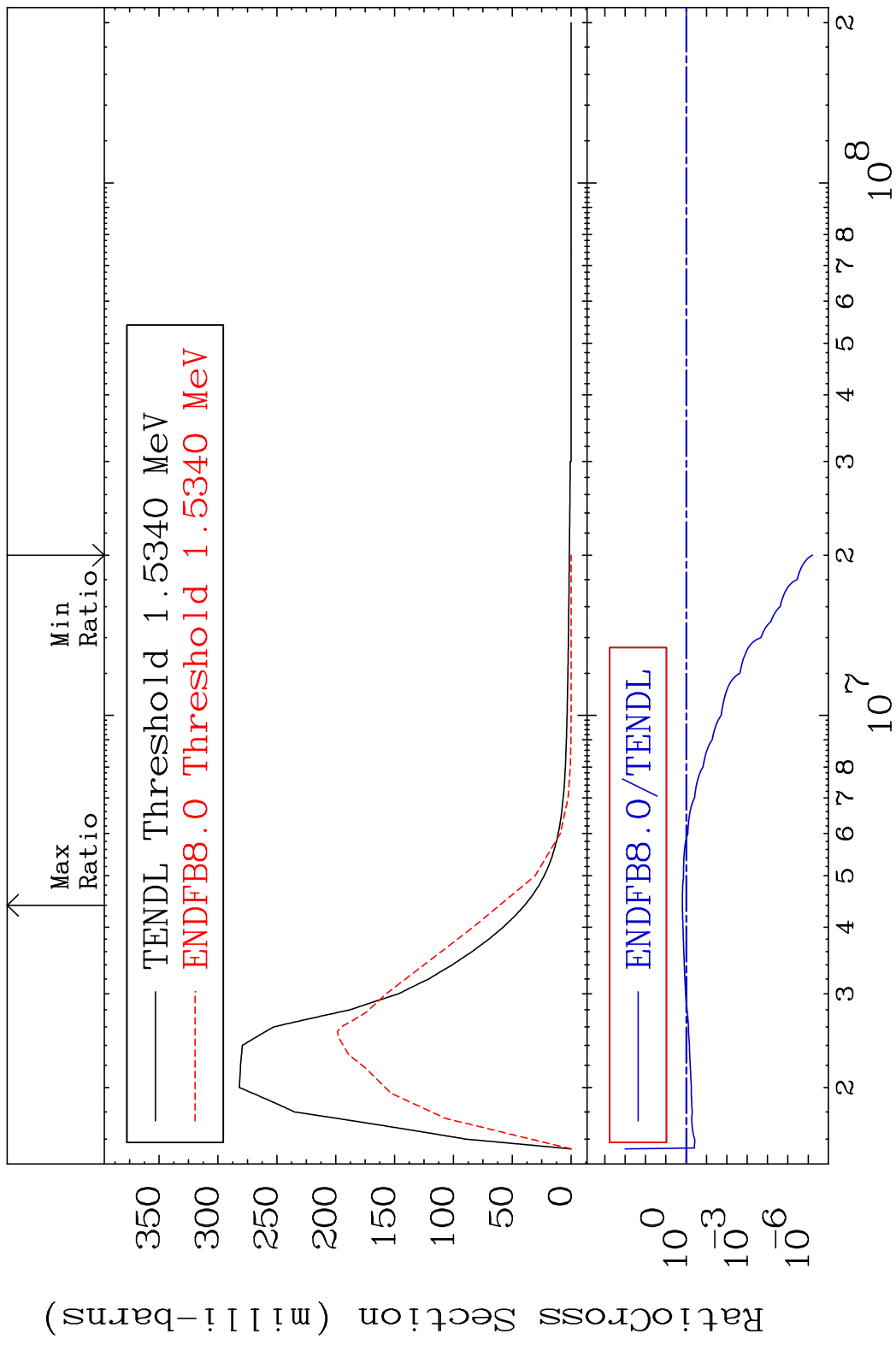


MAT 4425 MT= 51 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 134.1 %

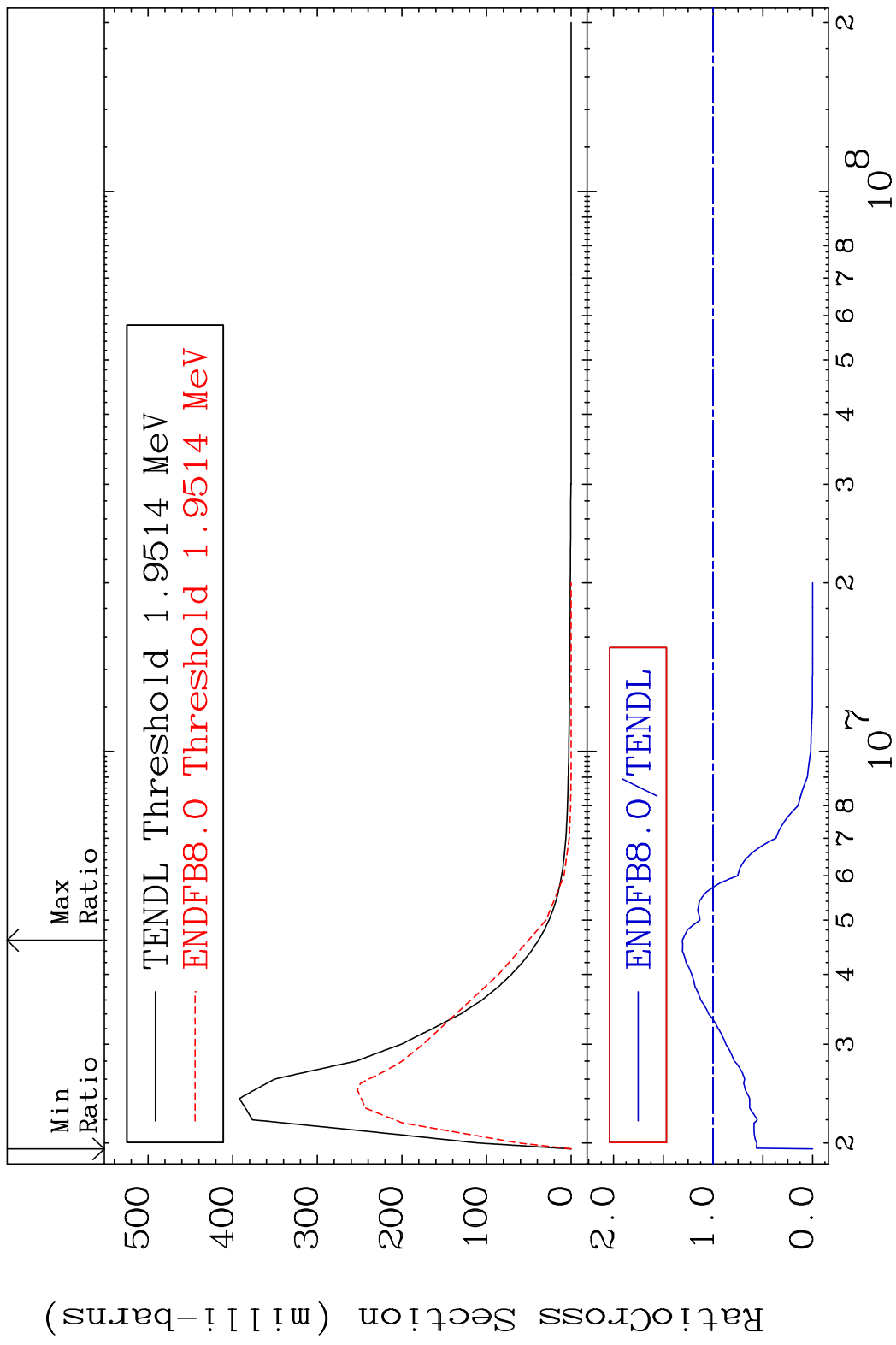


8 8 44-Ru-96

MAT 4425 MT= 52 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 54.26 %

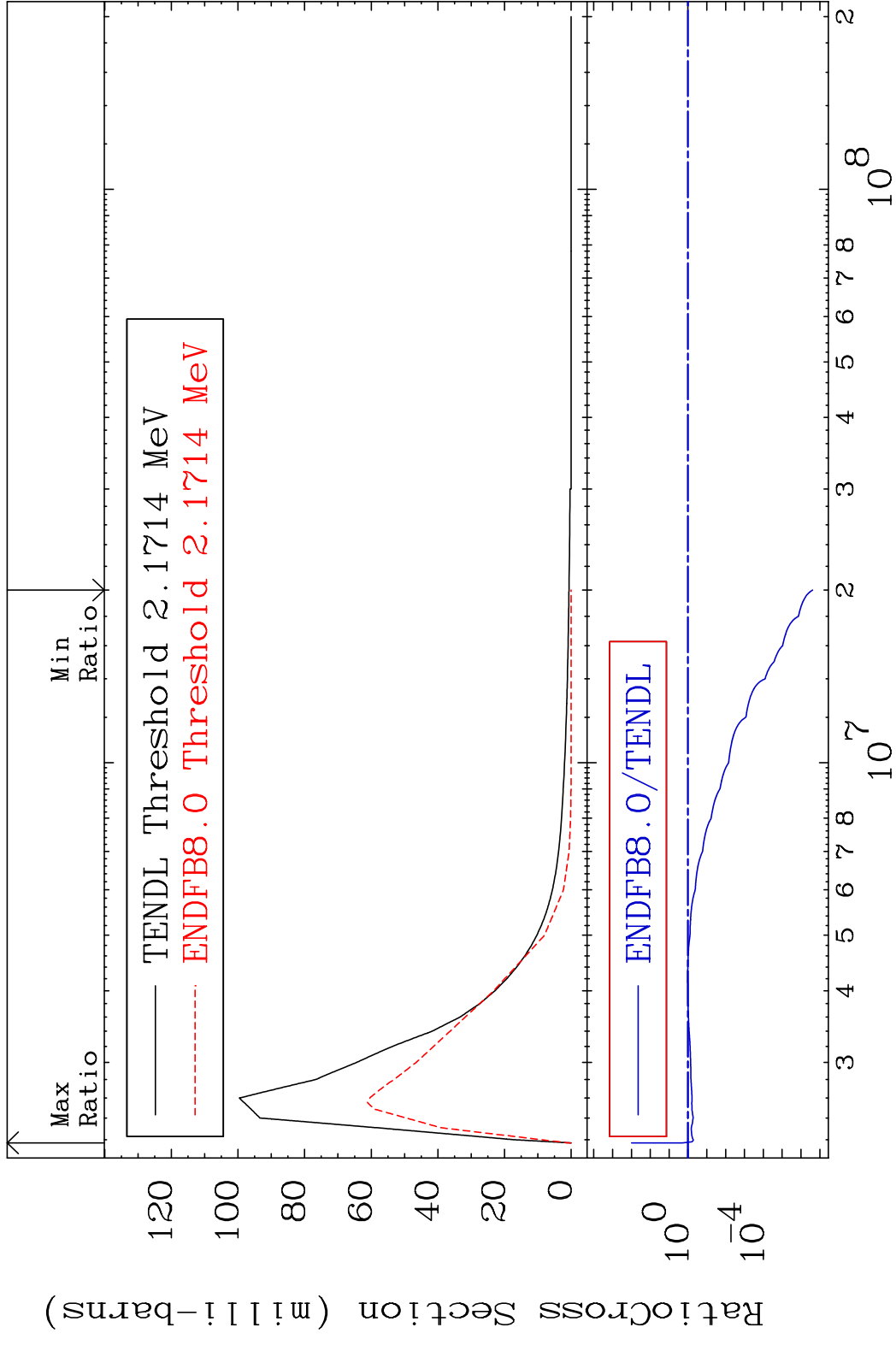


MAT 4425 MT= 53 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 30.87 %

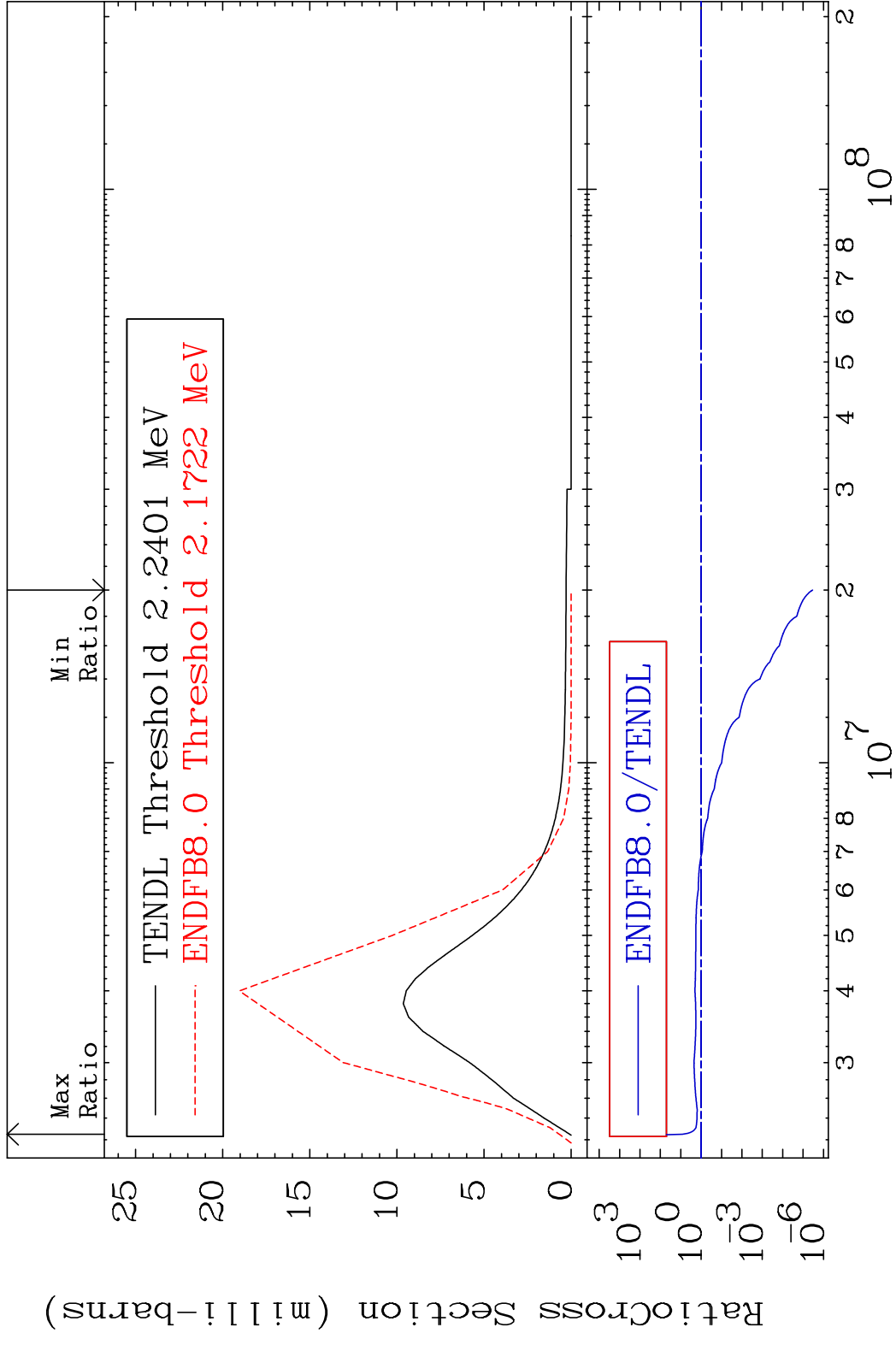


10 Incident Energy (eV) 44-Ru-96

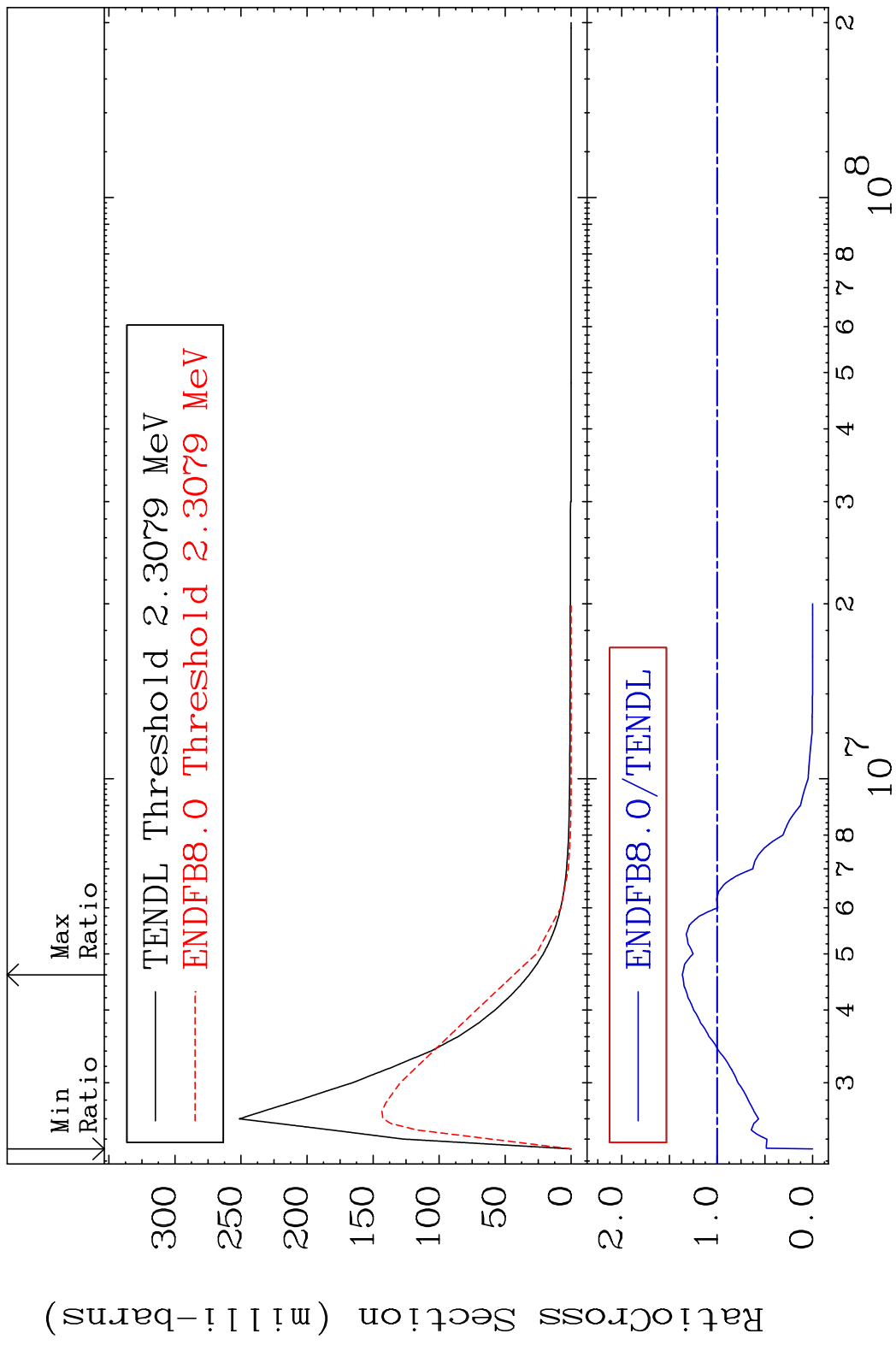
MAT 4425 MT= 54 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 98.22 %



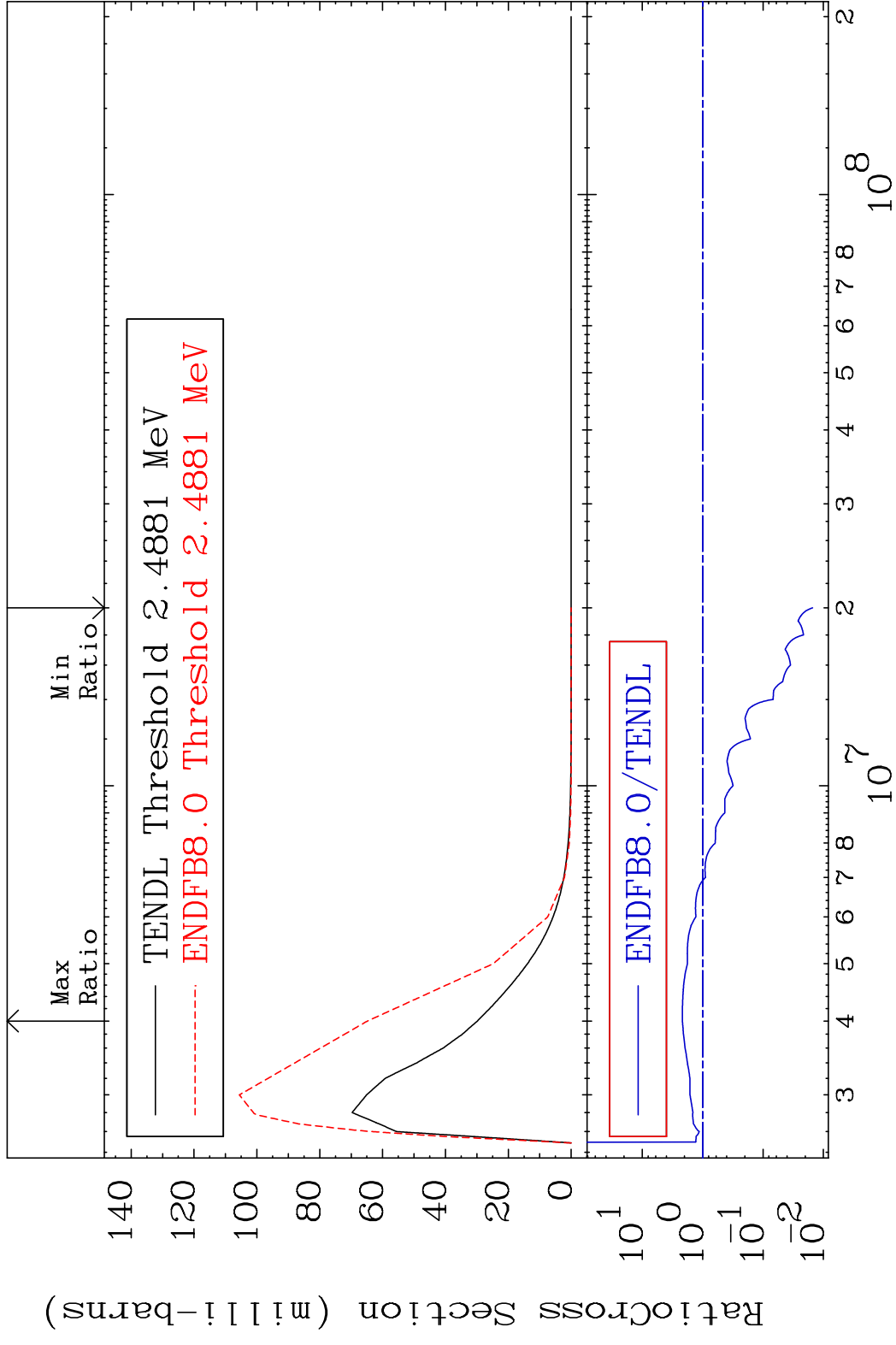
MAT 4425 MT= 55 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 733.1 %



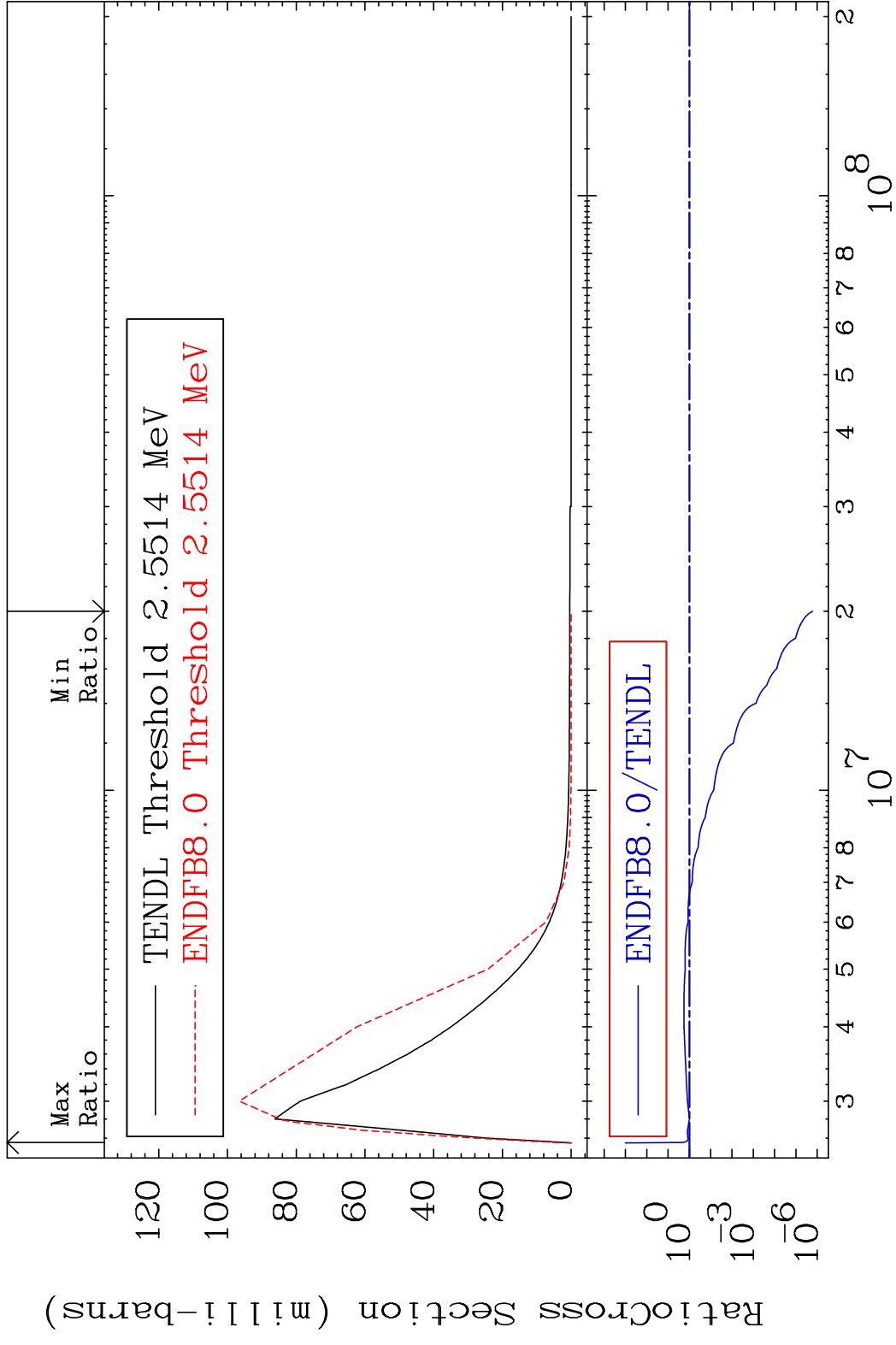
MAT 4425 MT= 56 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 36.45 %



MAT 4425 MT= 57 (n,n') Level 44-Ru-96  
 Cross Section -98.49 To 117.0 %

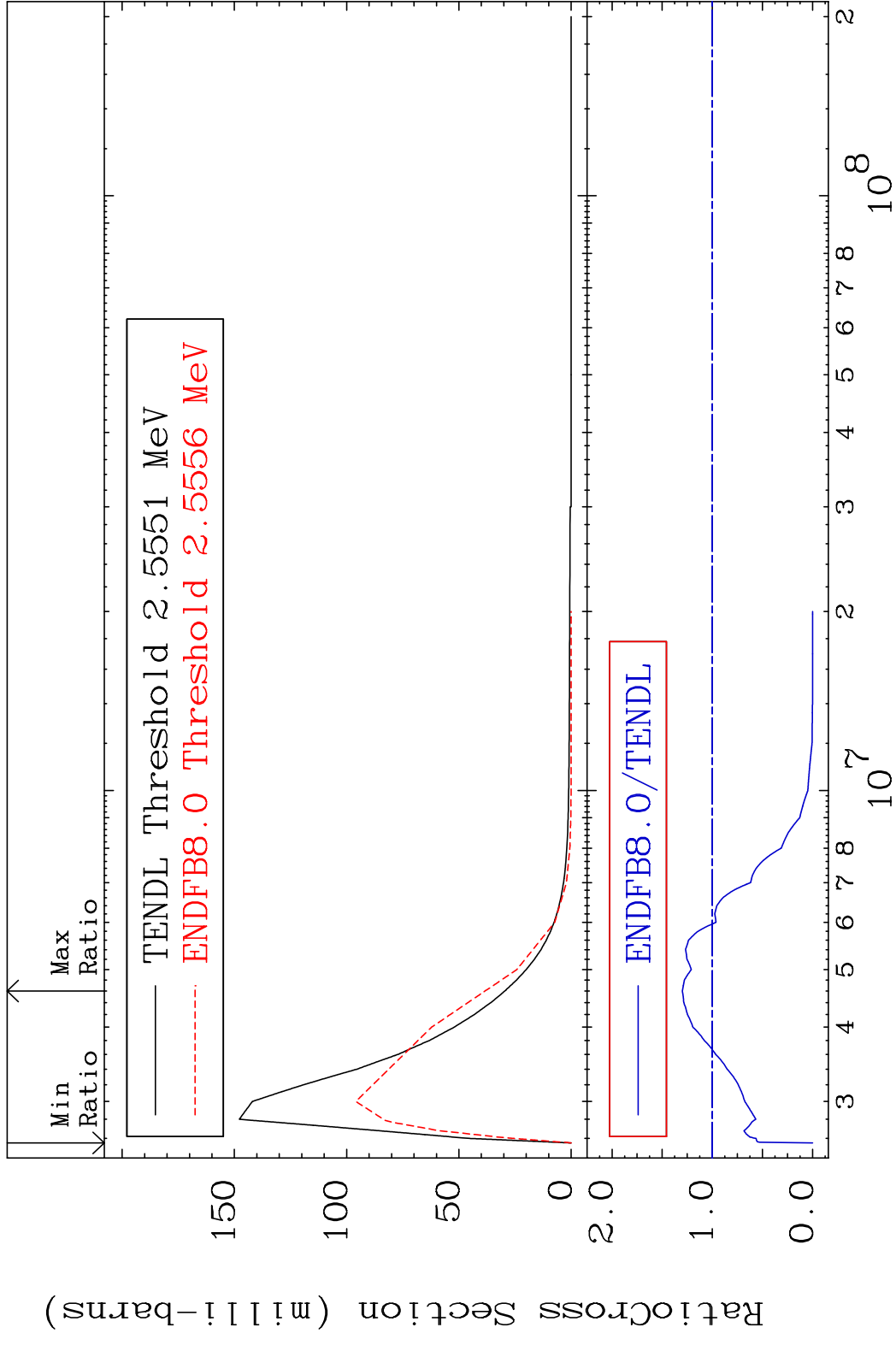


MAT 4425 MT= 58 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 112.9 %



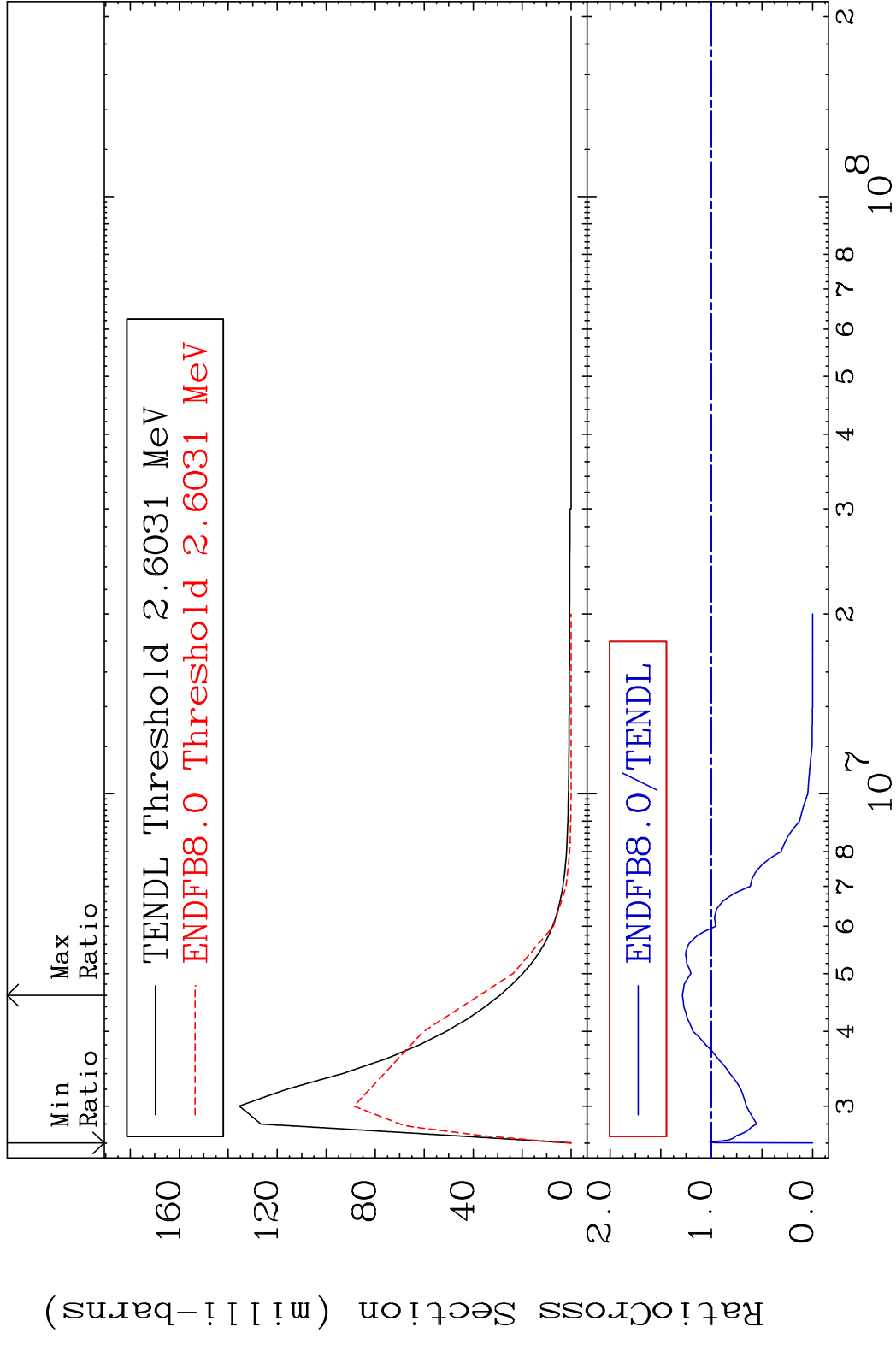


MAT 4425 MT= 59 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 29.87 %

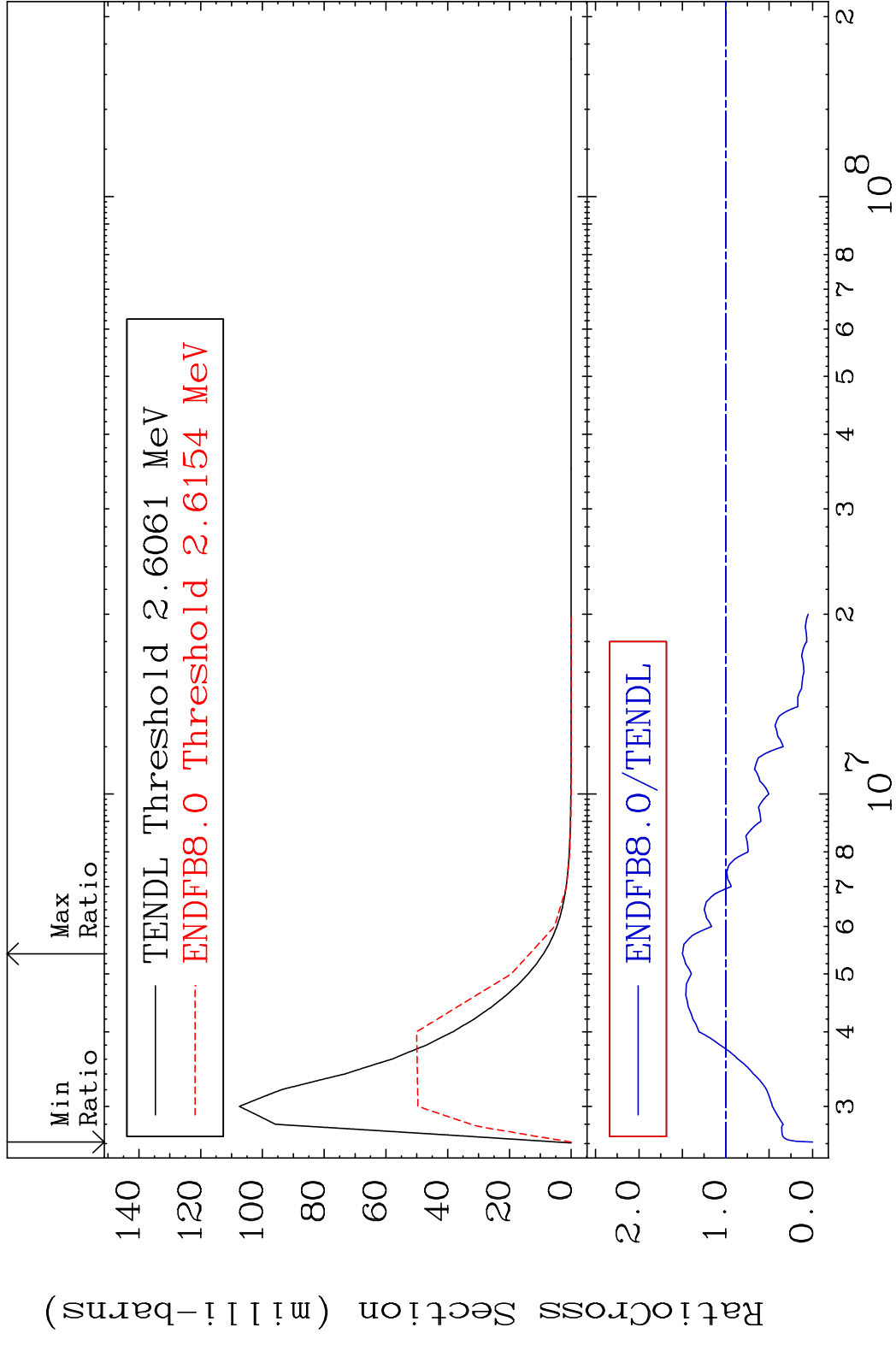


16 Incident Energy (eV) 44-Ru-96

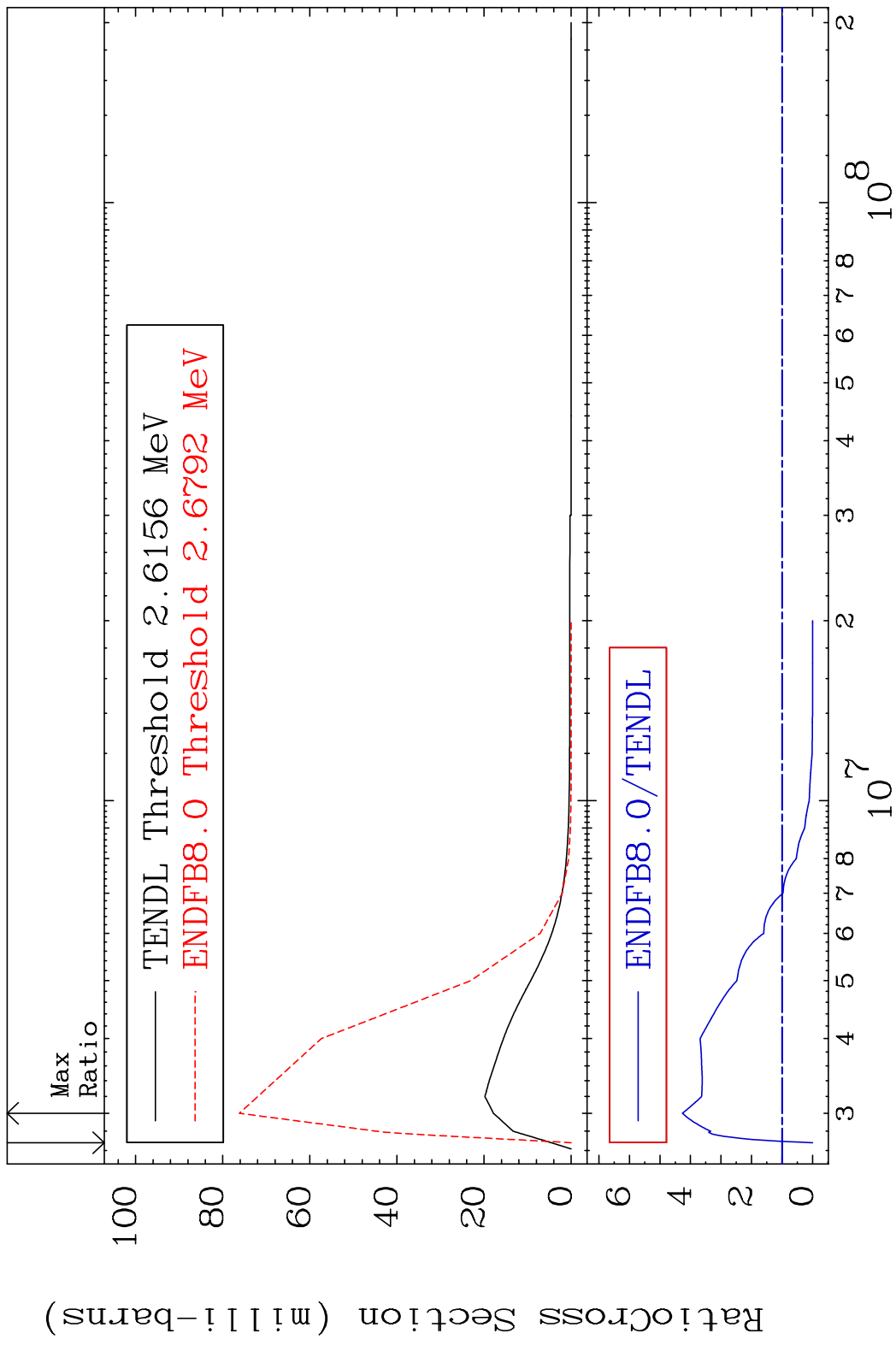
MAT 4425 MT= 60 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 28.66 %



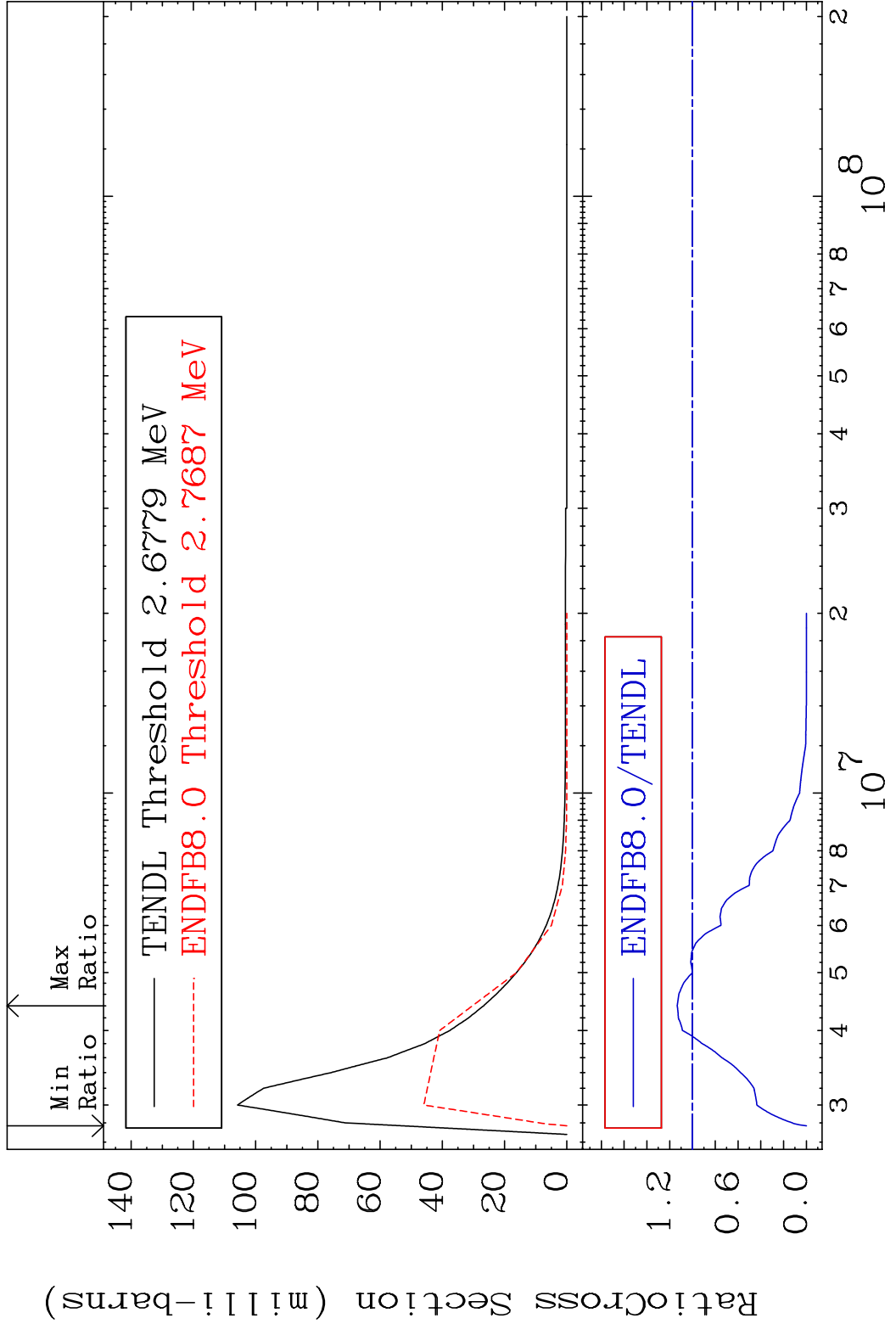
MAT 4425 MT= 61 (n,n') Level 44-Ru-96  
 Cross Section -100.0 To 49.99 %



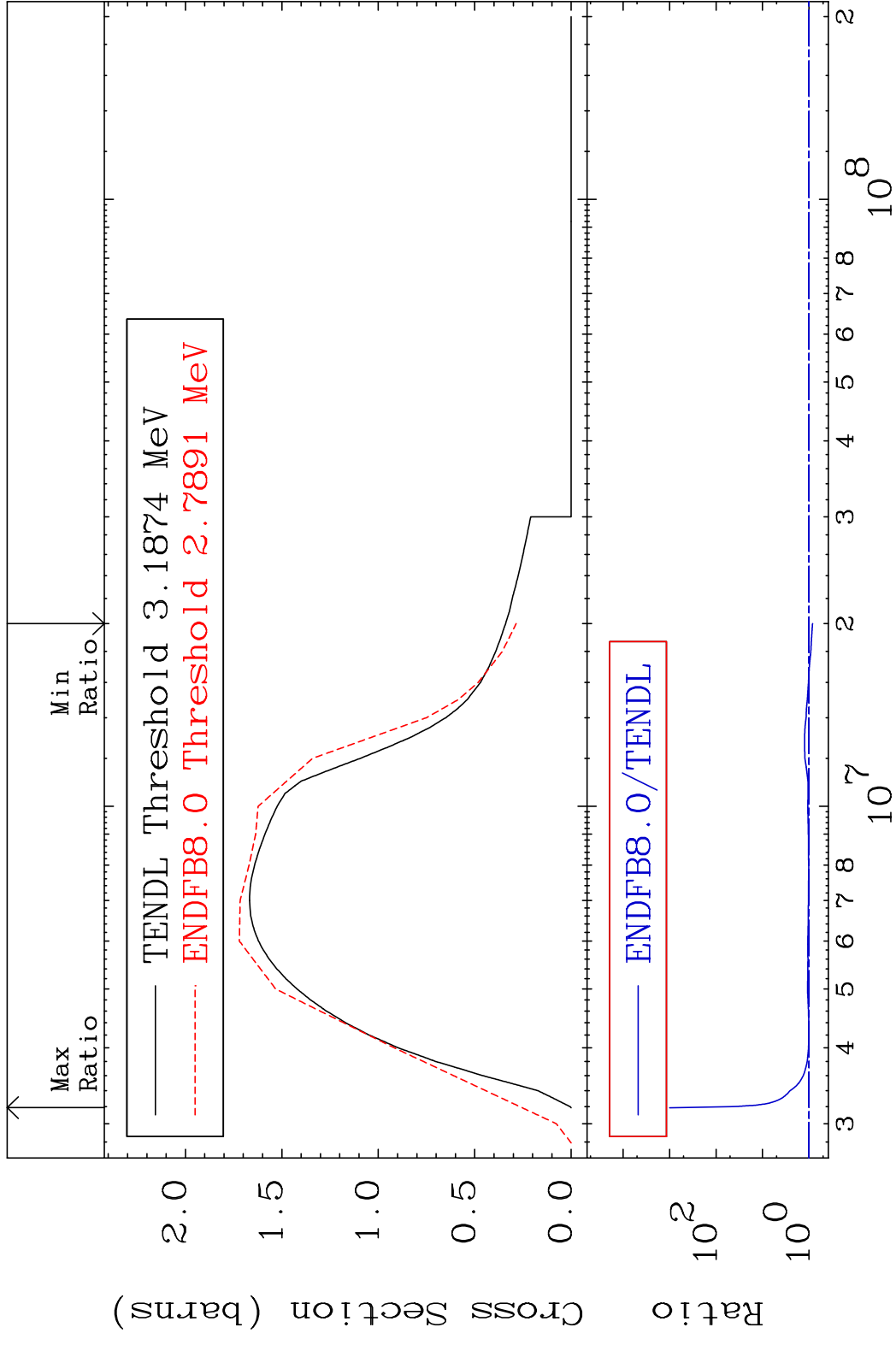
MAT 4425 MT= 62 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 326.6 %



MAT 4425 MT= 63 (n, n') Level 44-Ru-96  
 Cross Section -100.0 To 13.43 %



MAT 4425 (n,n') Continuum 44-Ru-96  
 Cross Section -16.19 To 9999. %

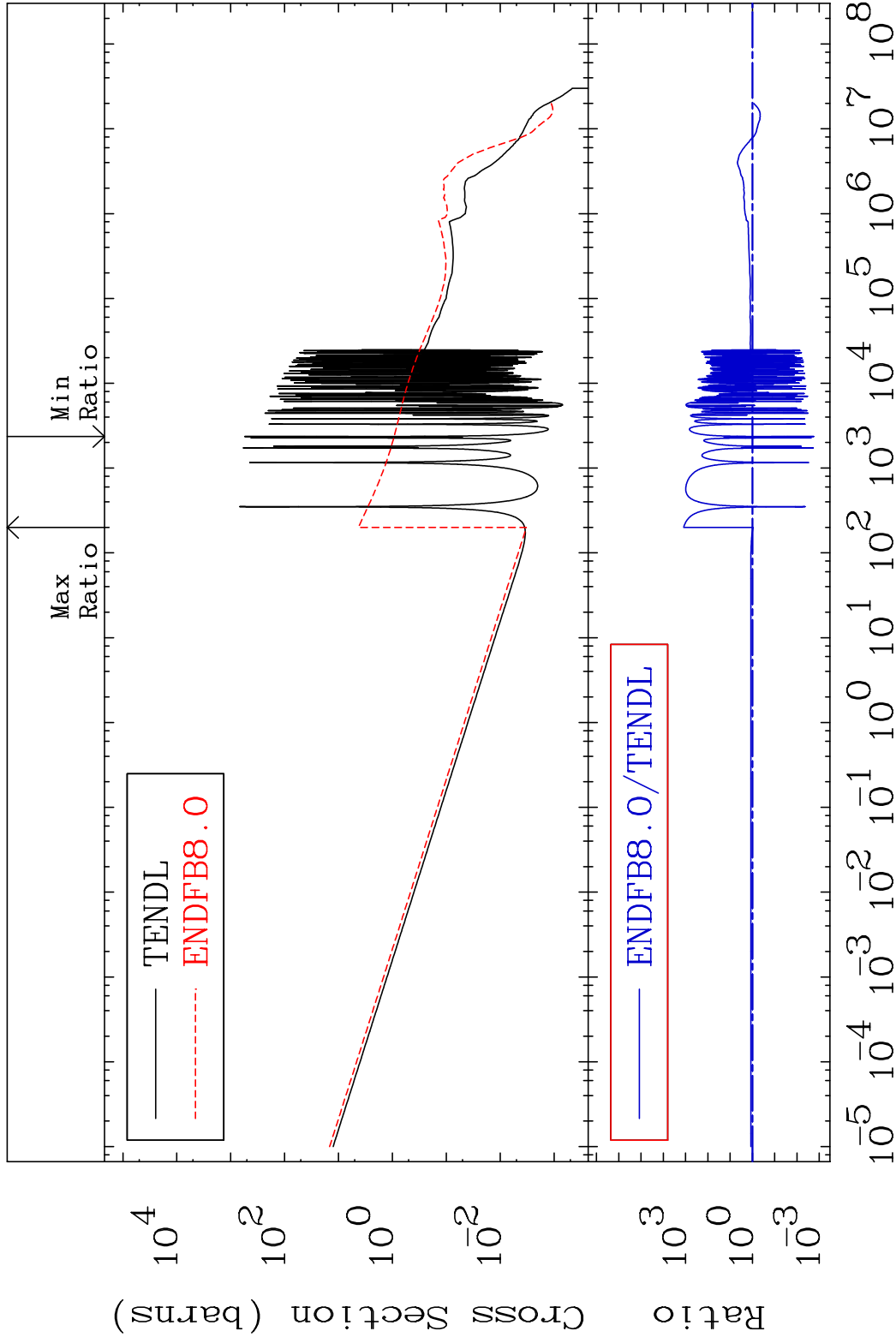


MAT 4425

(n,  $\gamma$ )

44-Ru-96

Cross Section -99.83 To 9999. %



22

Incident Energy (eV)

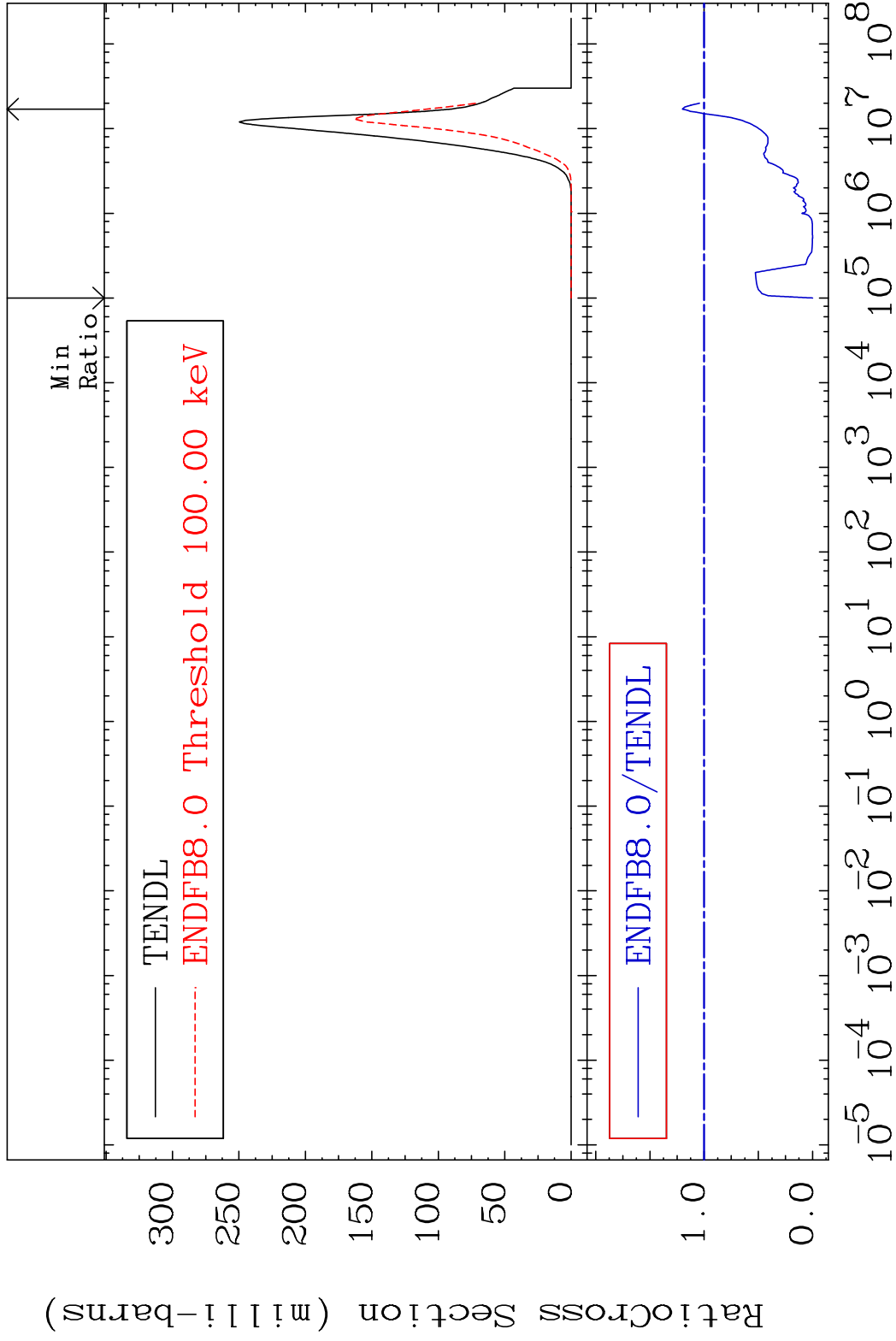
44-Ru-96

MAT 4425

(n, p)

44-Ru-96

Cross Section -100.0 To 20.09 %



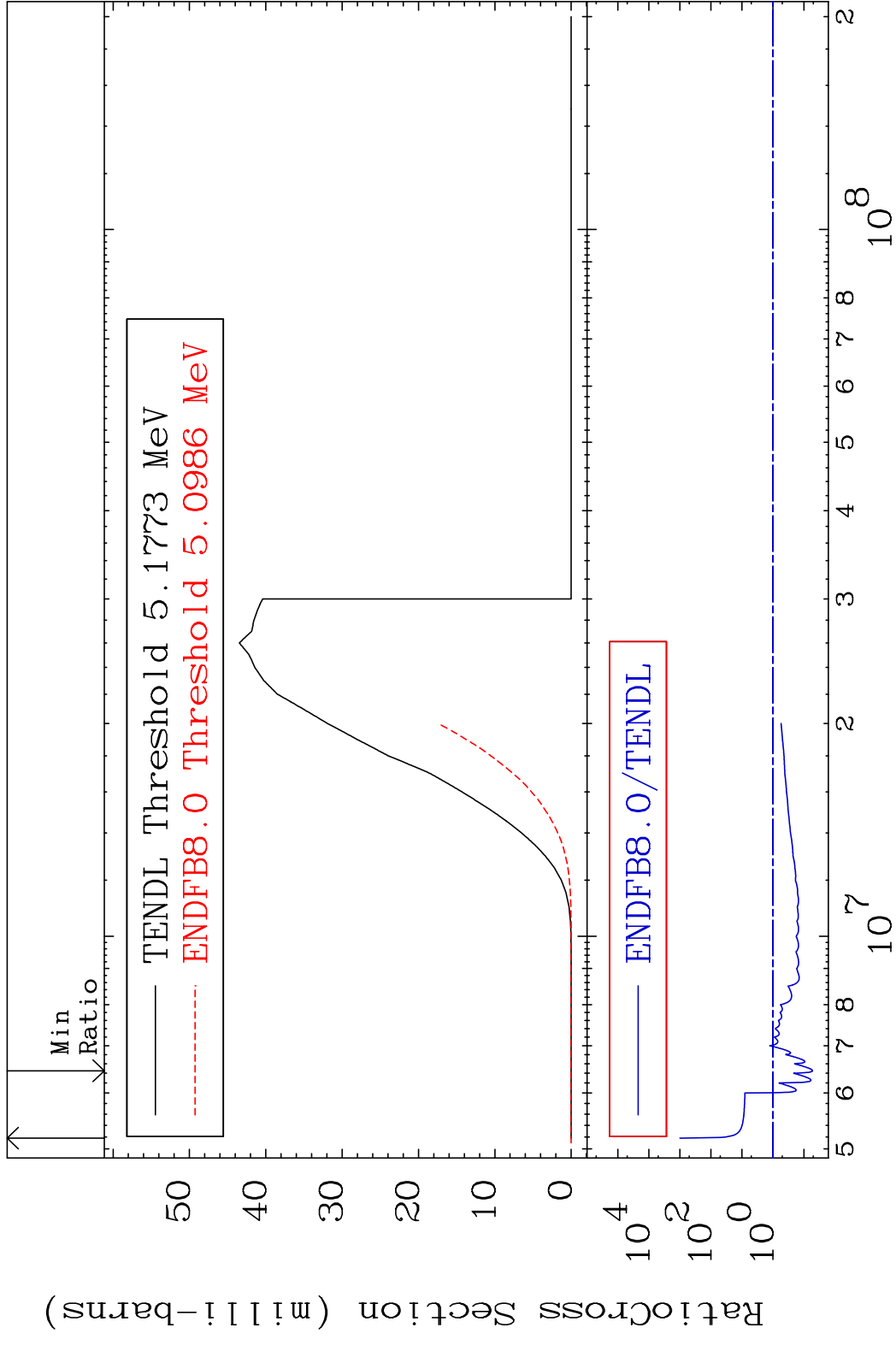
23

Incident Energy (eV)

44-Ru-96



MAT 4425 (n,d) 44-Ru-96  
 Cross Section -94.72 To 9999. %

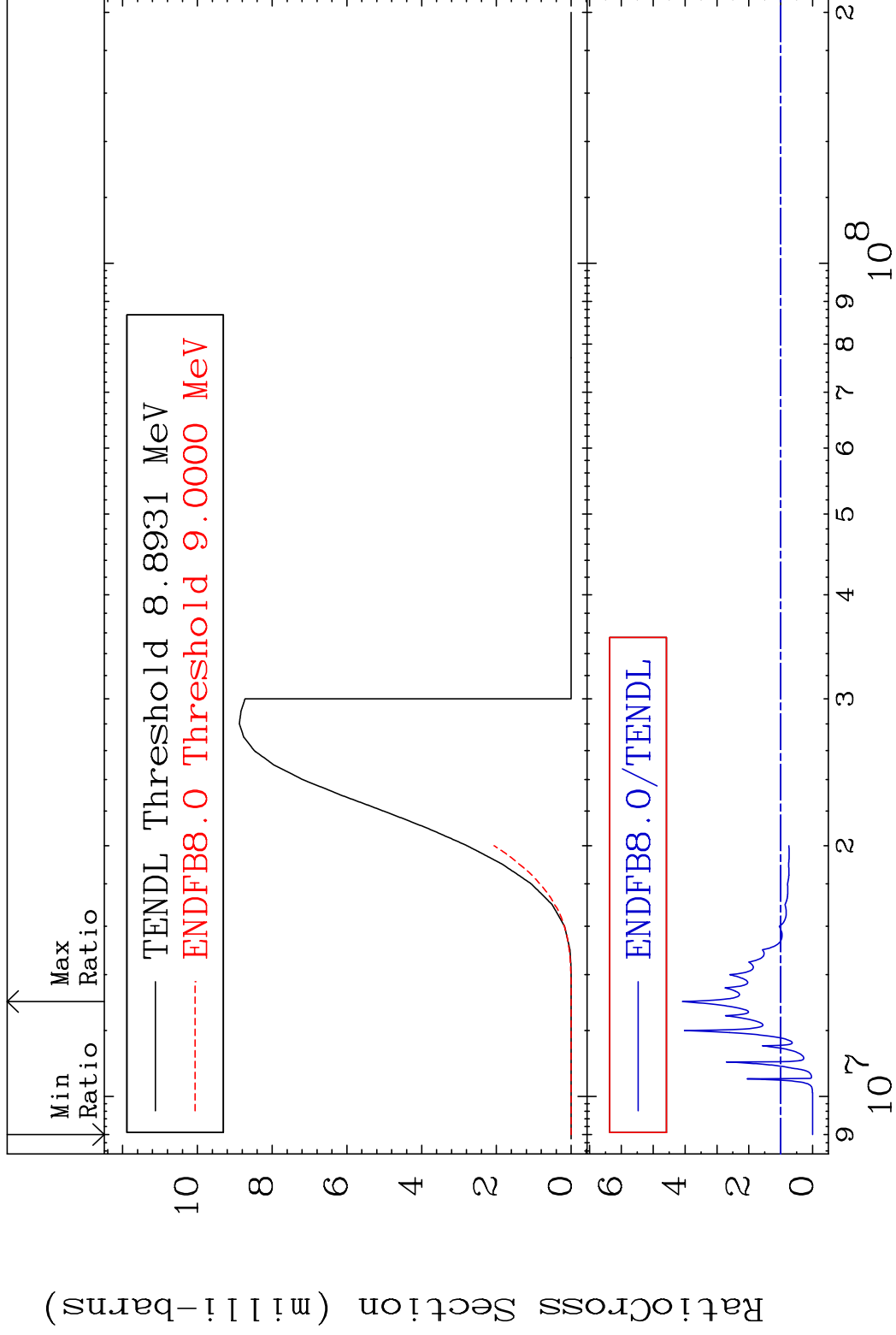


MAT 4425

(n, t)

44-Ru-96

Cross Section -100.0 To 308.6 %



25

Incident Energy (eV)

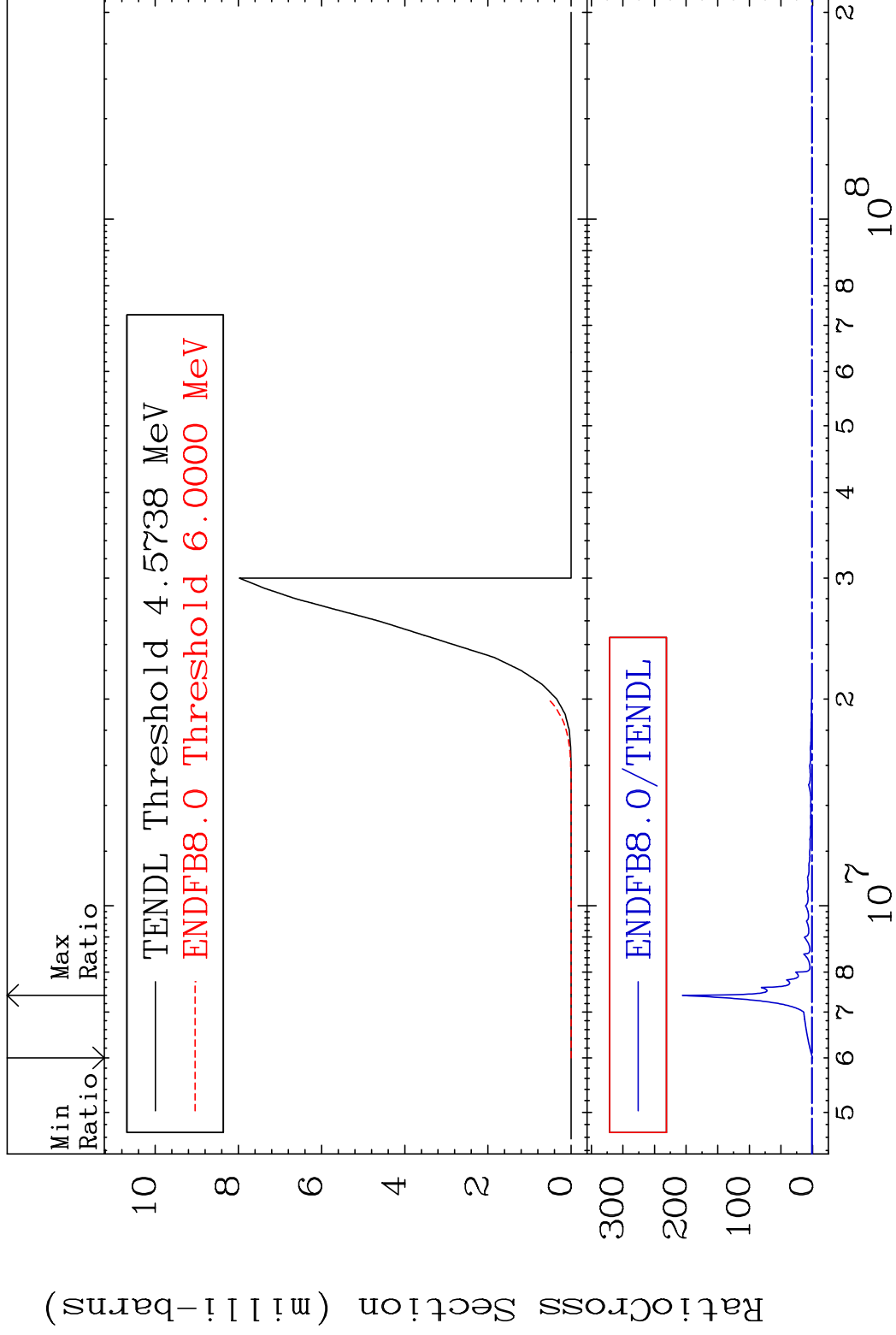
44-Ru-96

MAT 4425

(n, He-3)

44-Ru-96

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

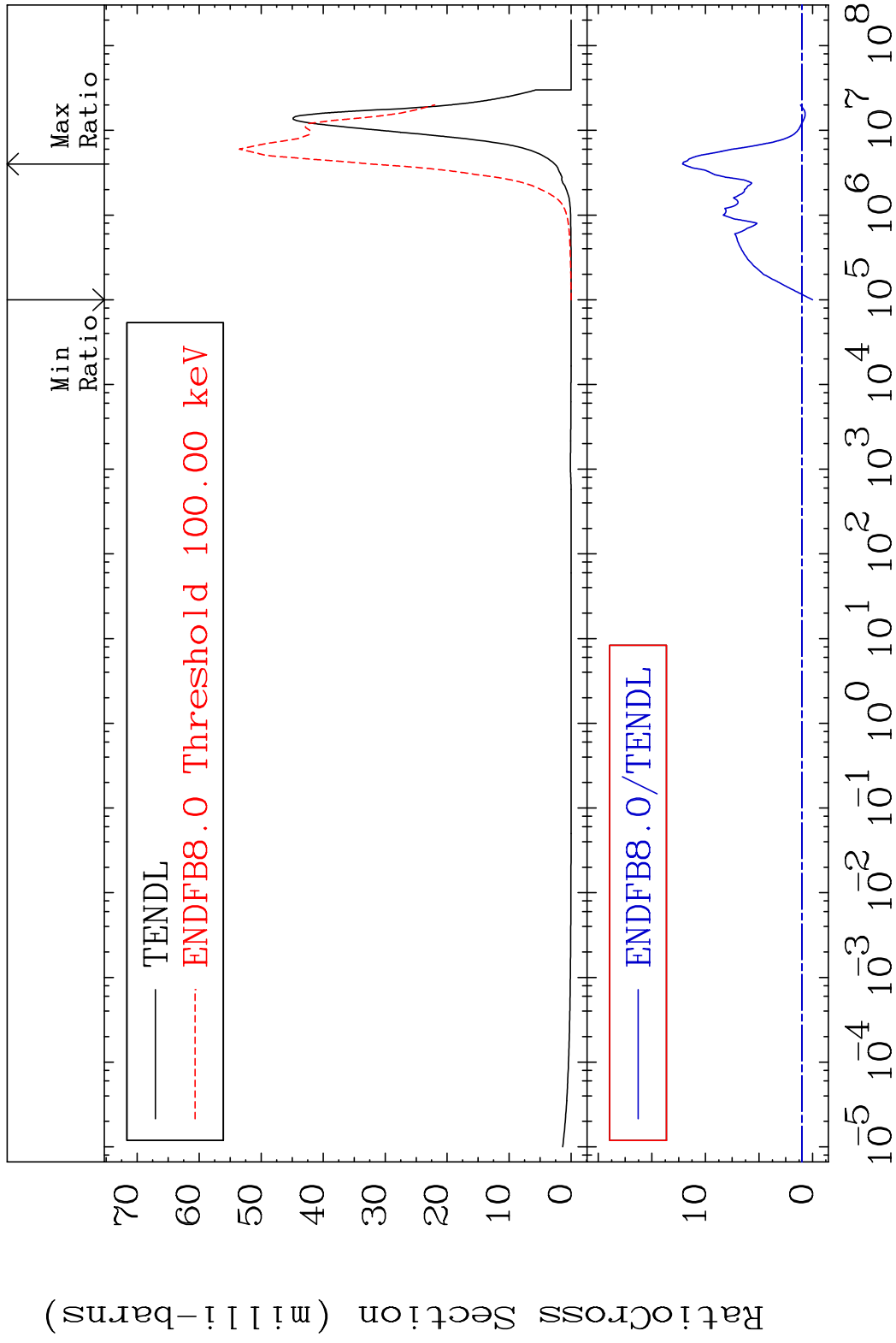
44-Ru-96

MAT 4425

(n,  $\alpha$ )

44-Ru-96

Cross Section -100.0 To 1116. %



27

Incident Energy (eV)

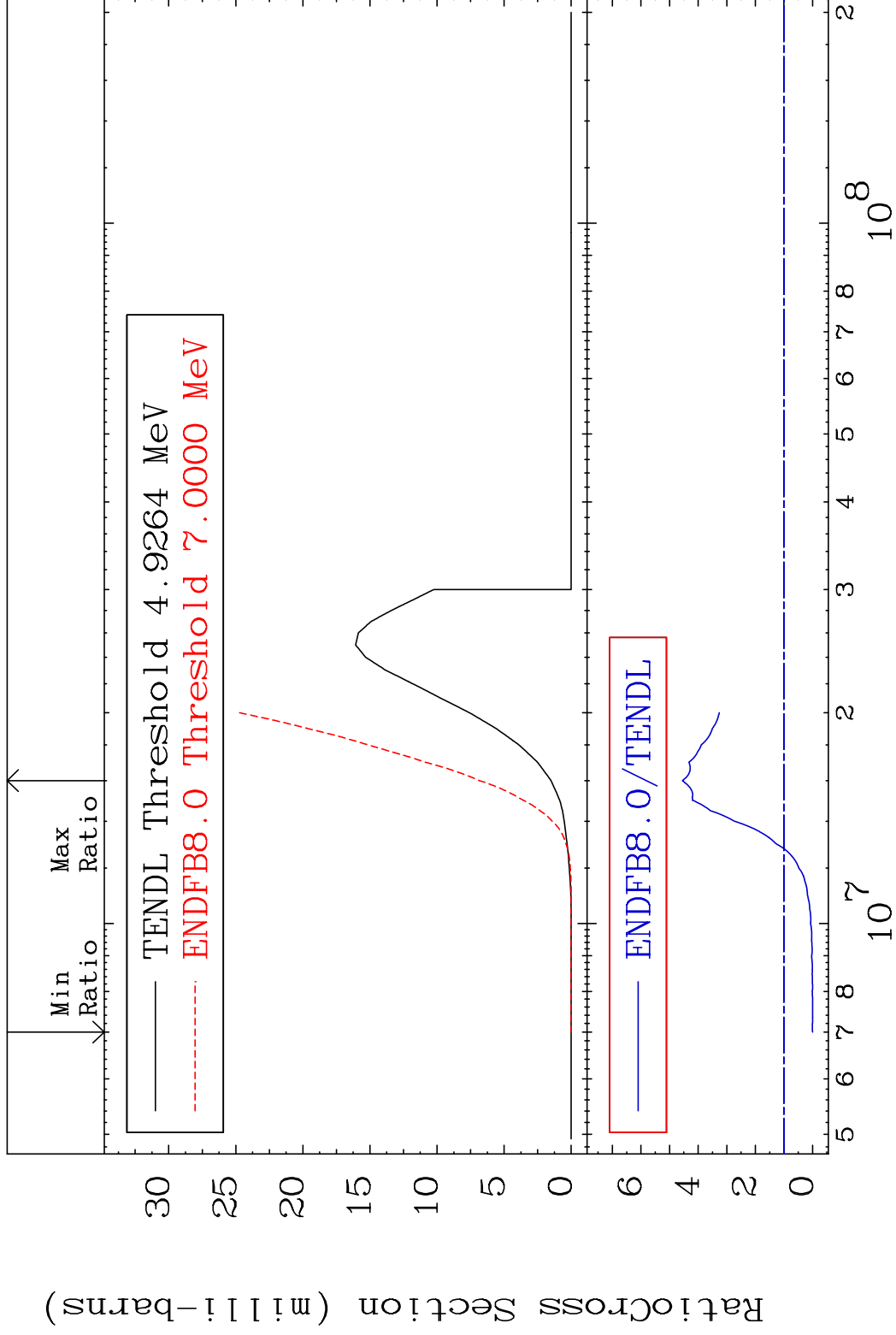
44-Ru-96

MAT 4425

(n,2p)

44-Ru-96

Cross Section -100.0 To 355.2 %



28

Incident Energy (eV)

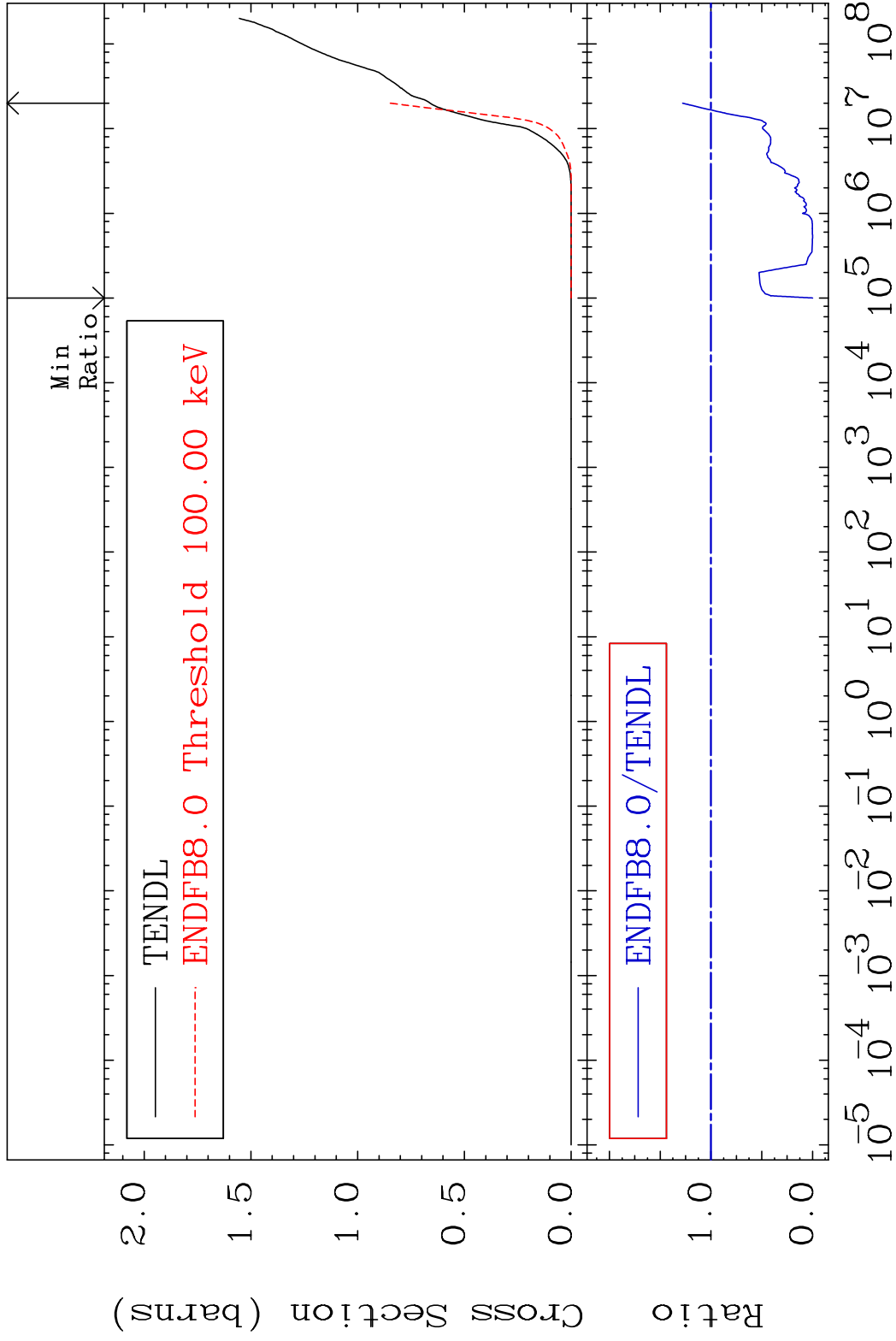
44-Ru-96

MAT 4425

Hydrogen Production

44-Ru-96

Cross Section -100.0 To 28.17 %



29

Incident Energy (eV)

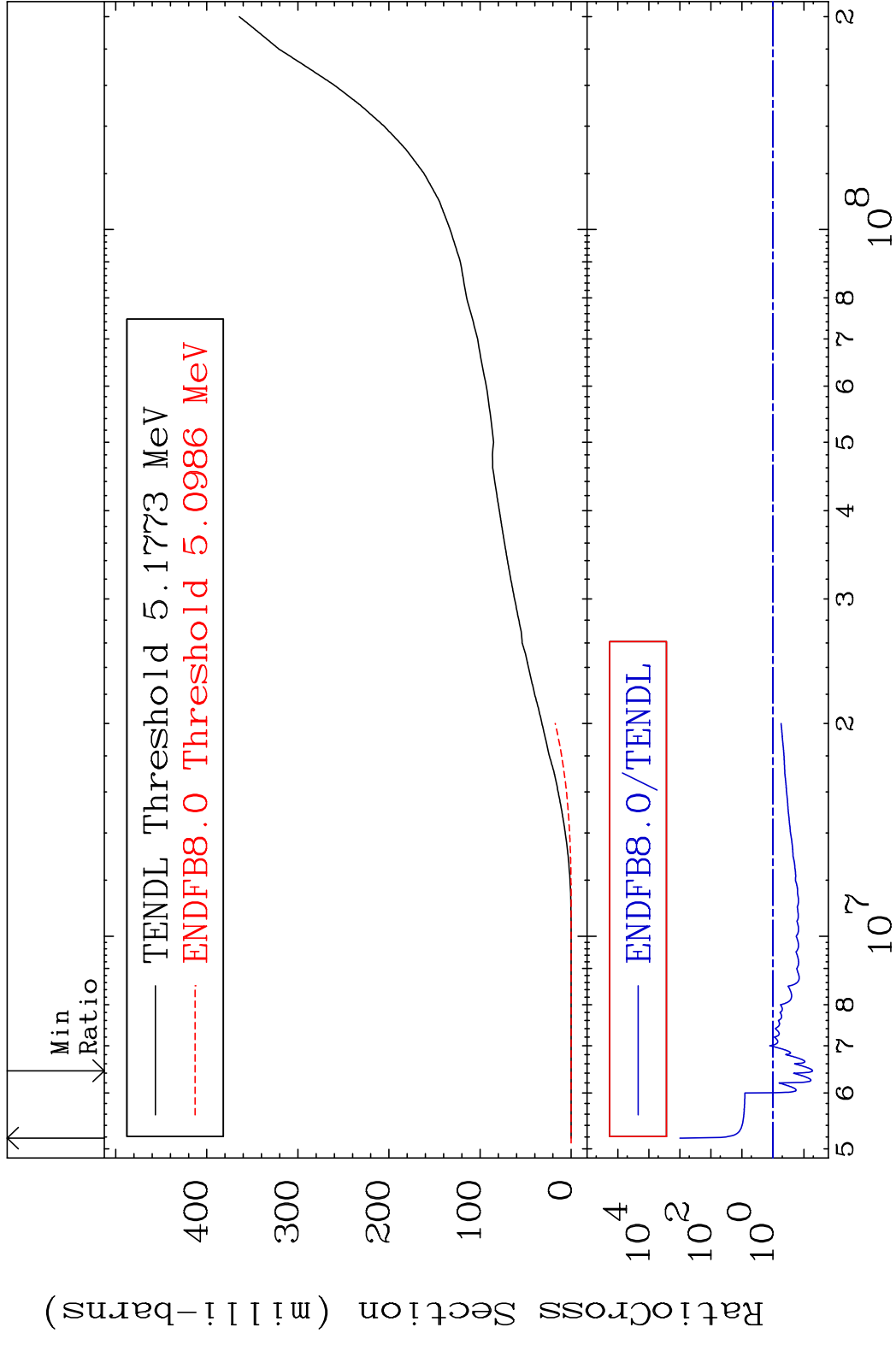
44-Ru-96

MAT 4425

Deuterium Production

44-Ru-96

Cross Section -94.72 To 9999. %



30

Incident Energy (eV)

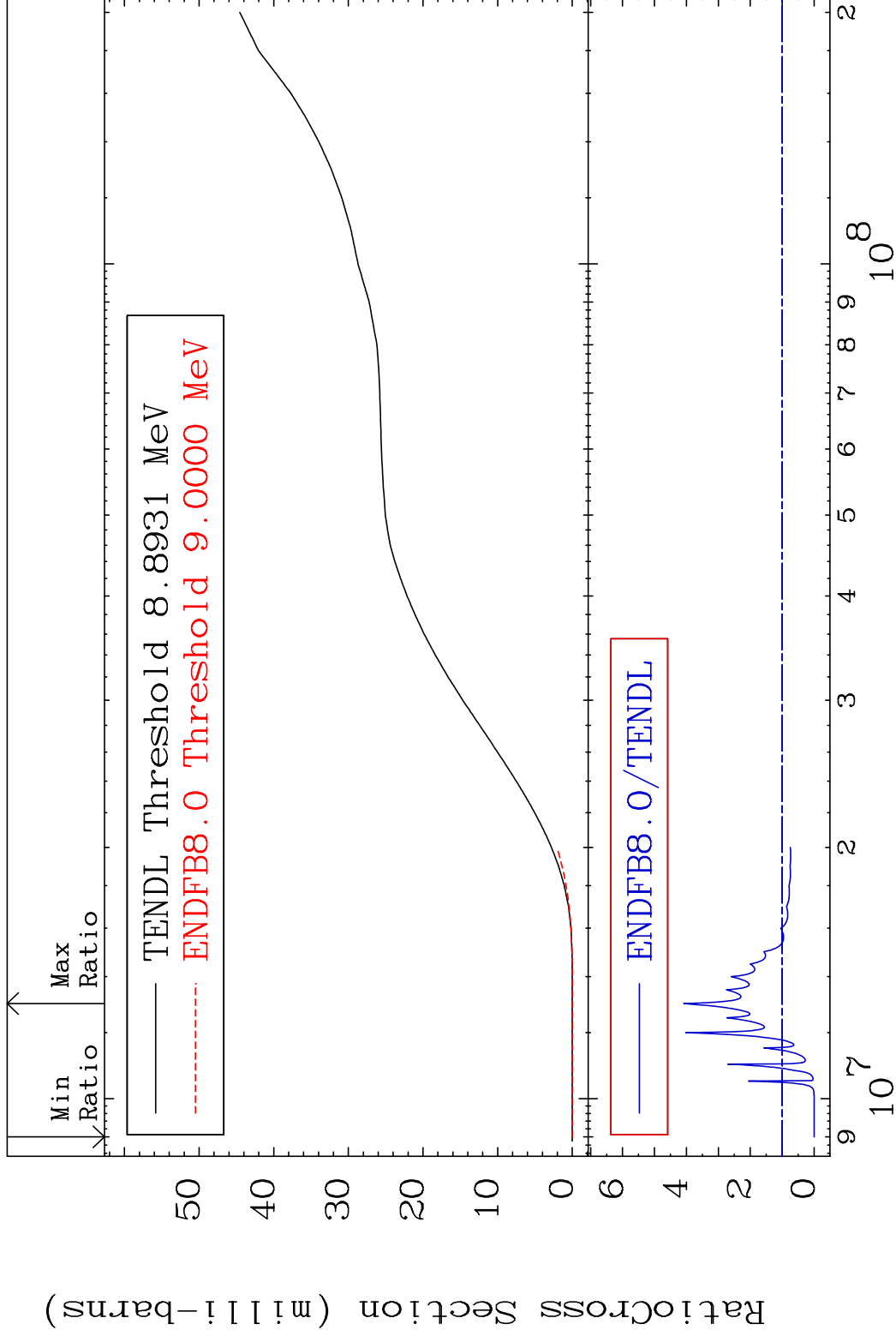
44-Ru-96

MAT 4425

Tritium Production

44-Ru-96

Cross Section -100.0 To 308.6 %



31

Incident Energy (eV)

44-Ru-96

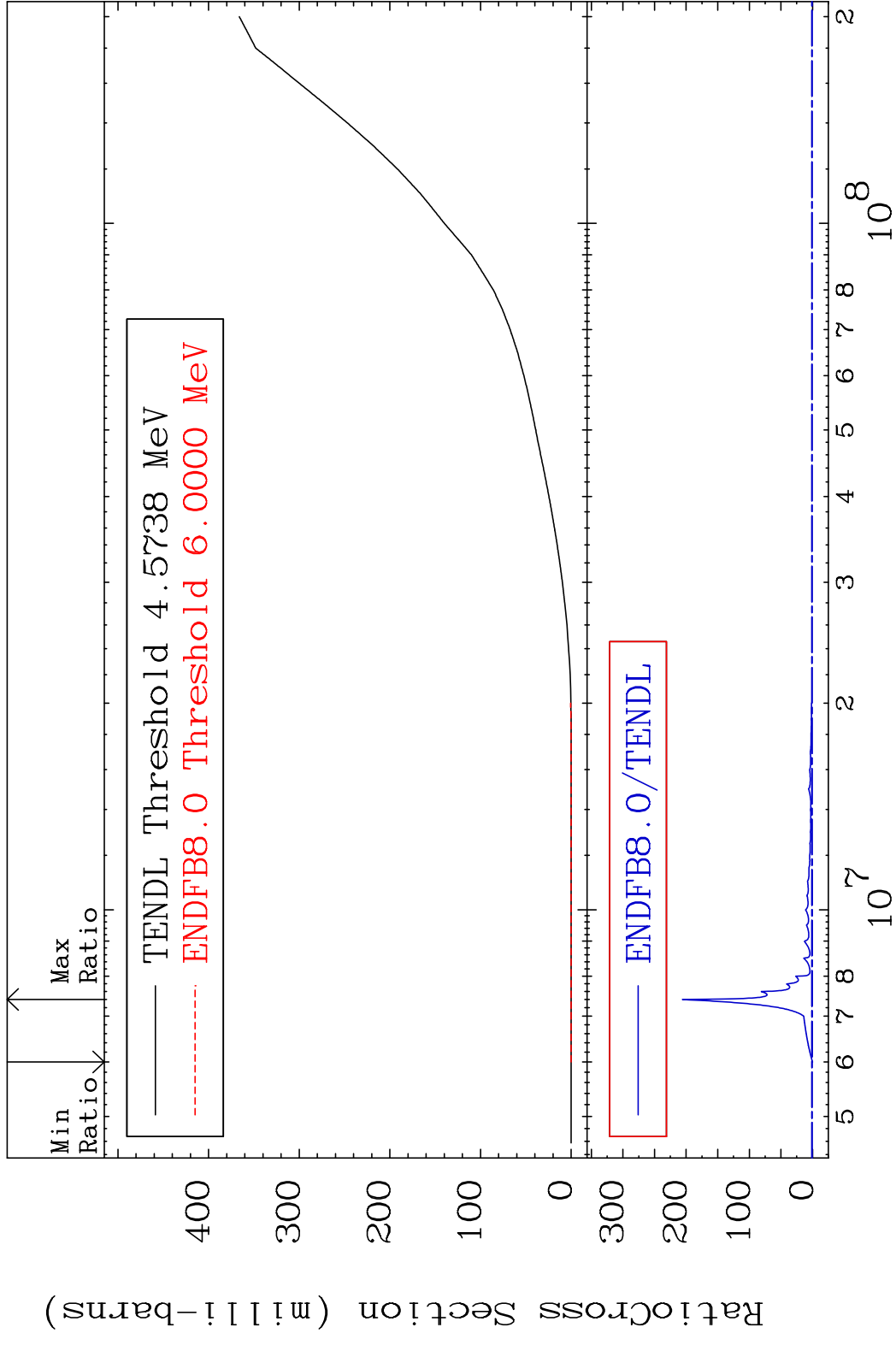


MAT 4425

He-3 Production

44-Ru-96

Cross Section -100.0 To 9999. %

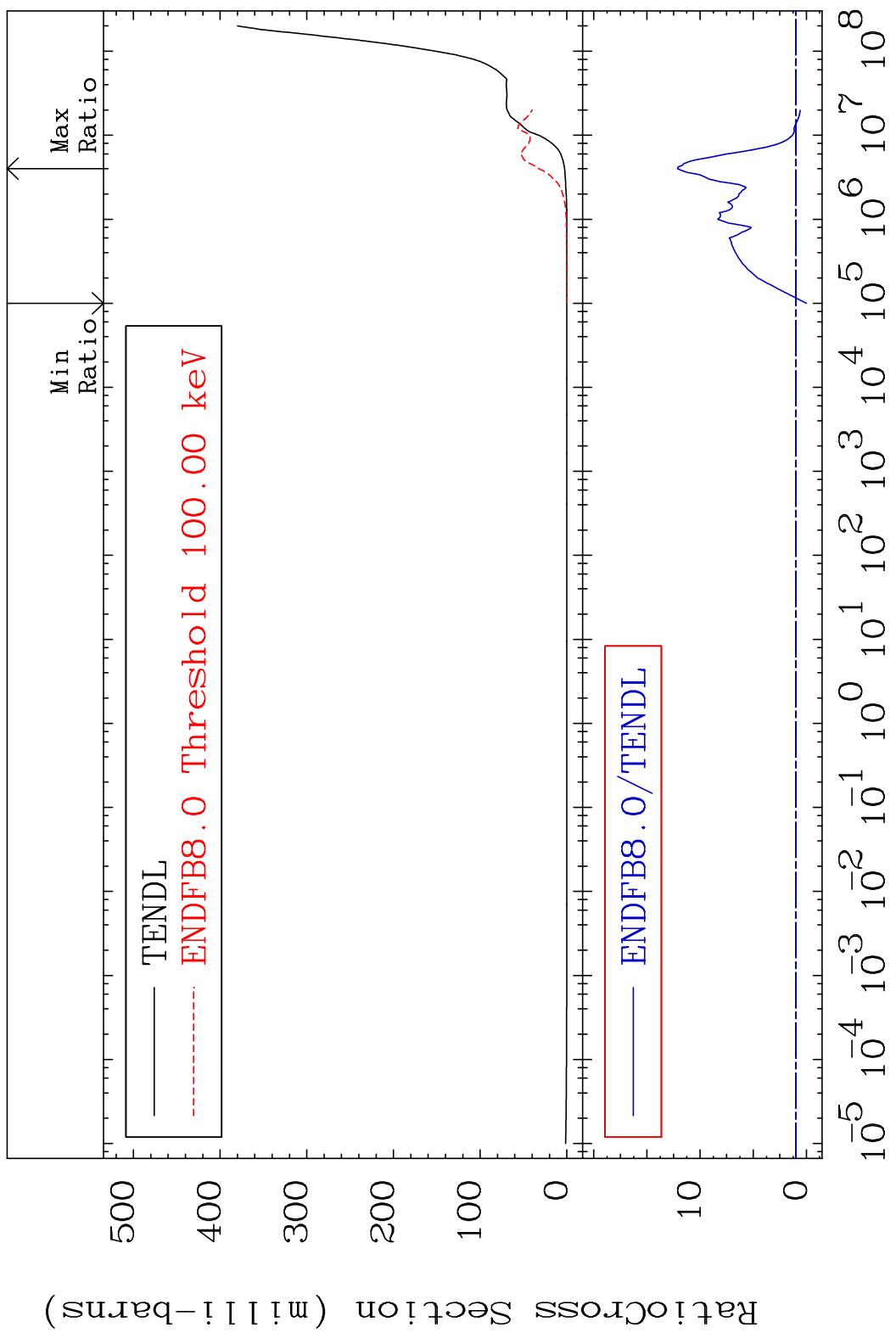


MAT 4425

He-4 Production

44-Ru-96

Cross Section -100.0 To 1116. %

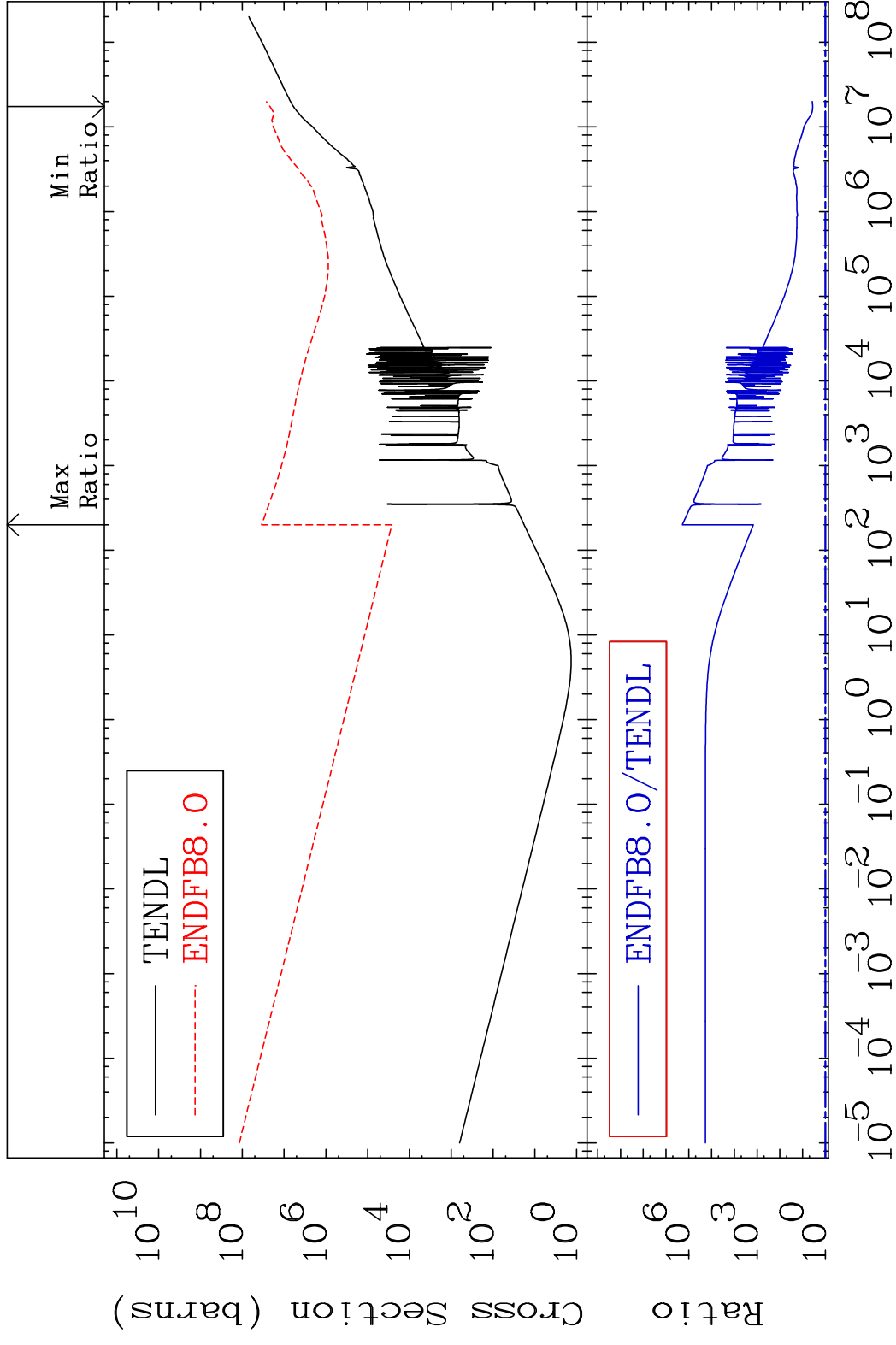


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Incident Energy (eV)

44-Ru-96

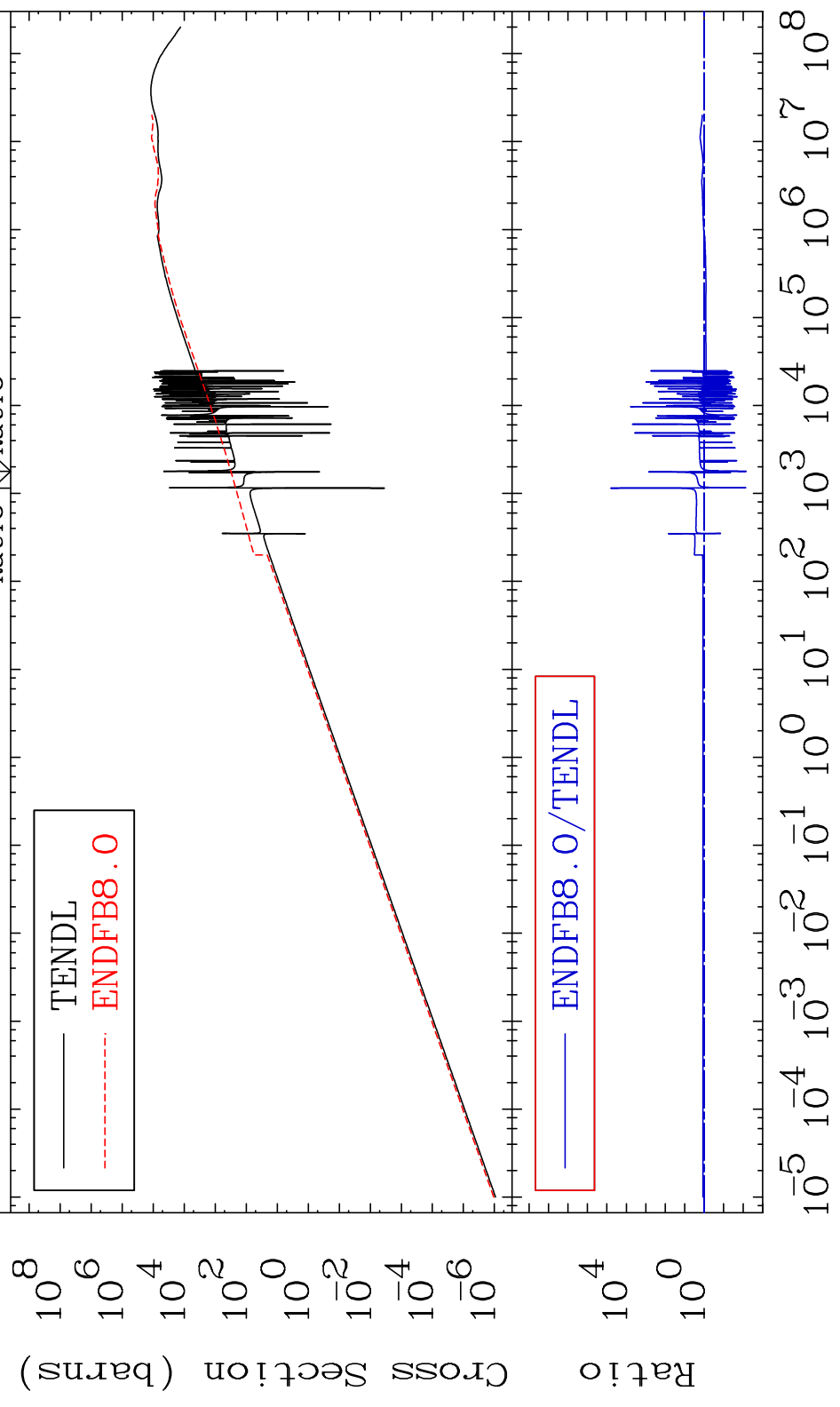
MAT 4425 Kerma total (eV-barns) 44-Ru-96  
 Cross Section 265.9 To 9999. %



MAT 4425

Kerma elastic Cross Section -99.31 To 9999. %

44-Ru-96

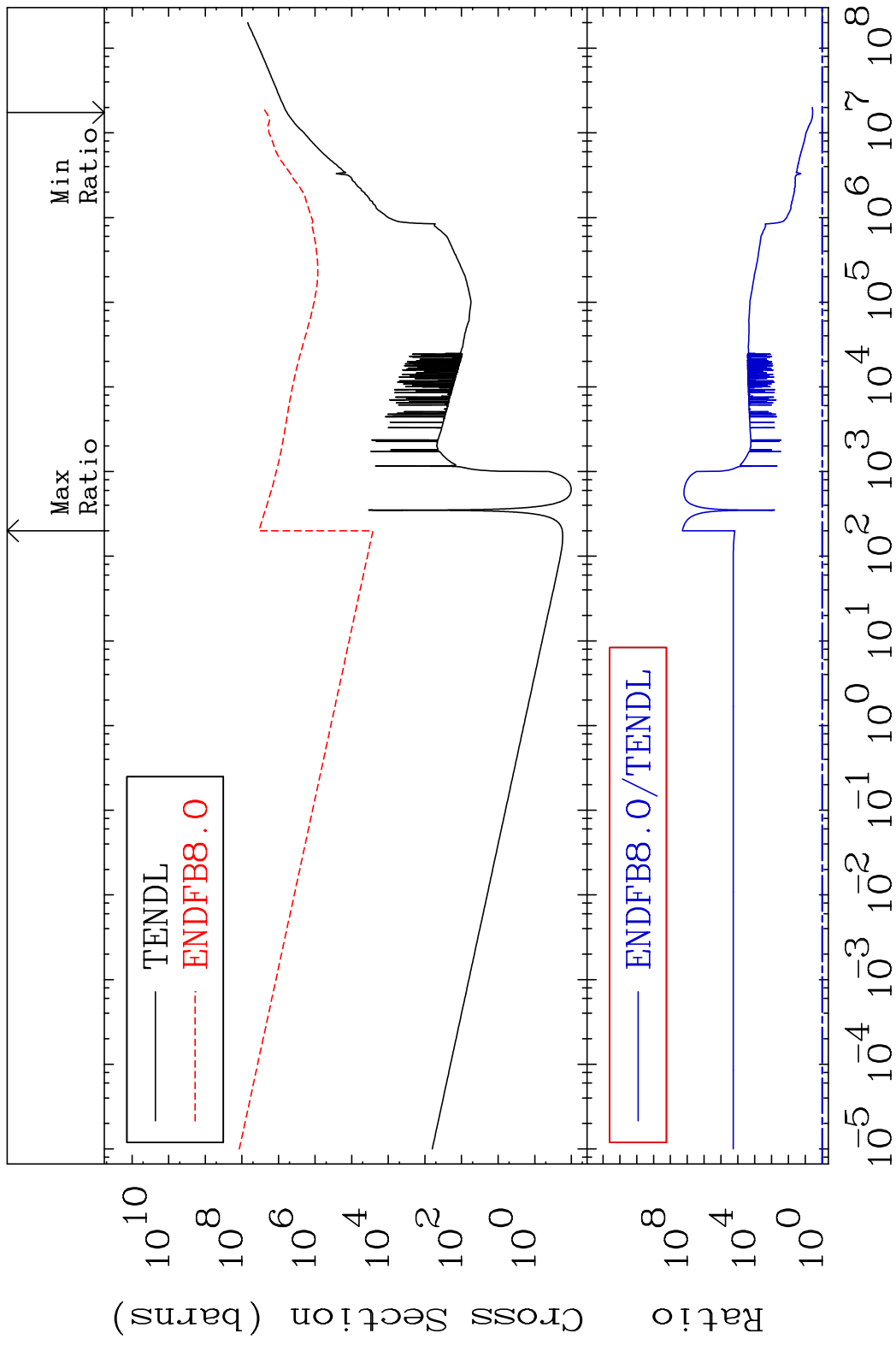


35

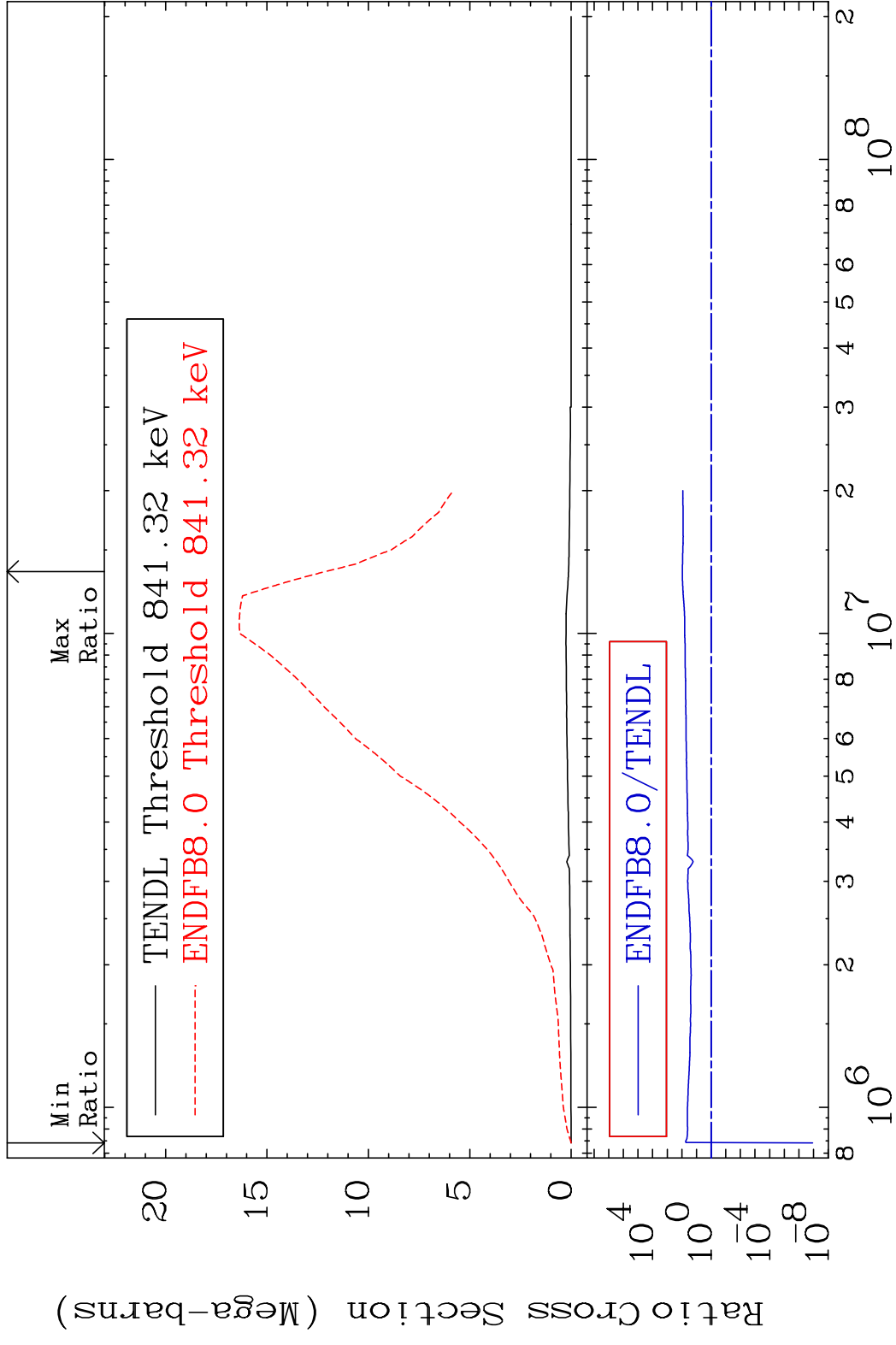
Incident Energy (eV)

44-Ru-96

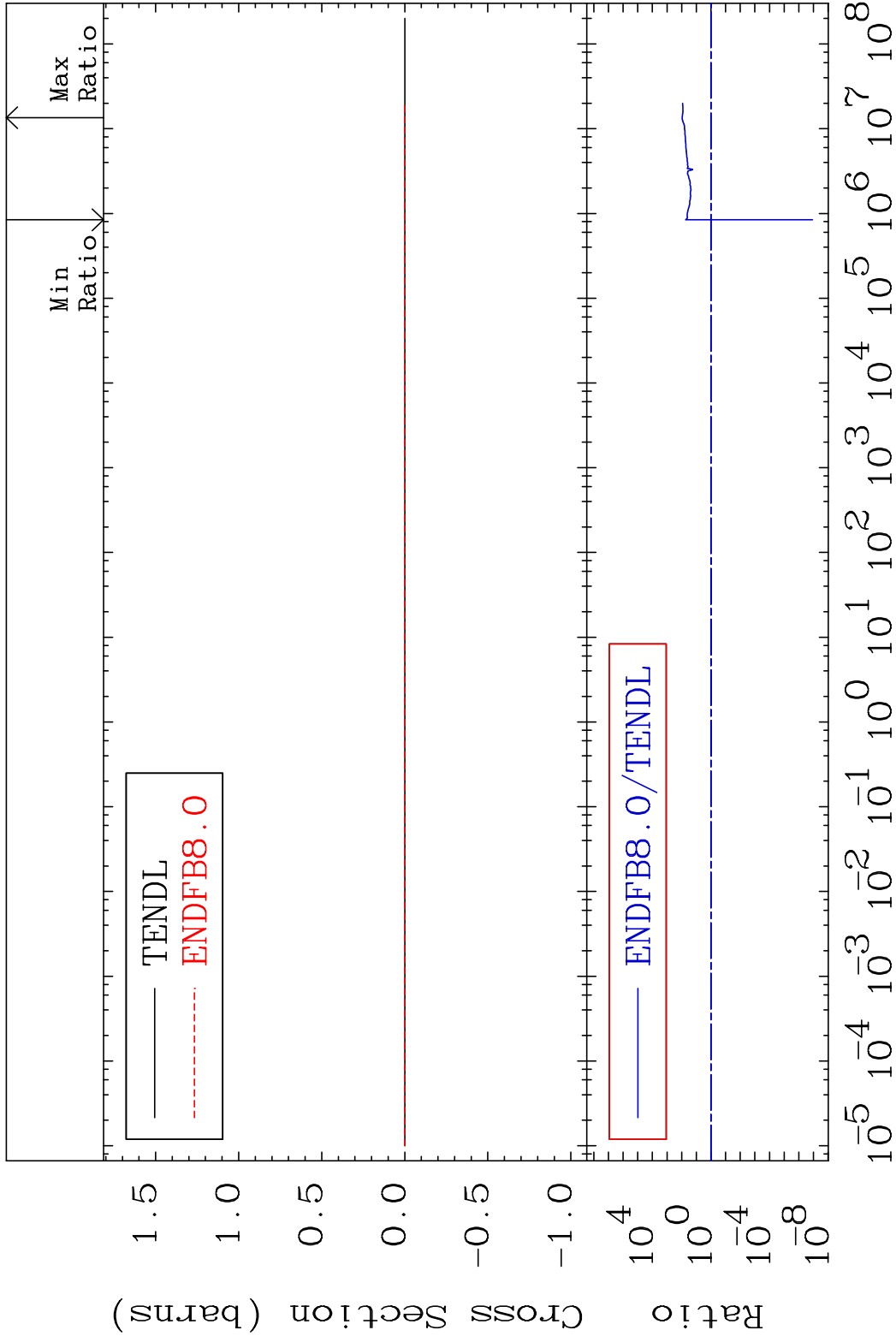
MAT 4425 Kerma non-elastic (all but mt2) 44-Ru-96  
 Cross Section 269.1 To 9999. %



MAT 4425 Kerma inelastic (mt51-91) 44-Ru-96  
 Cross Section -100.0 To 9144. %

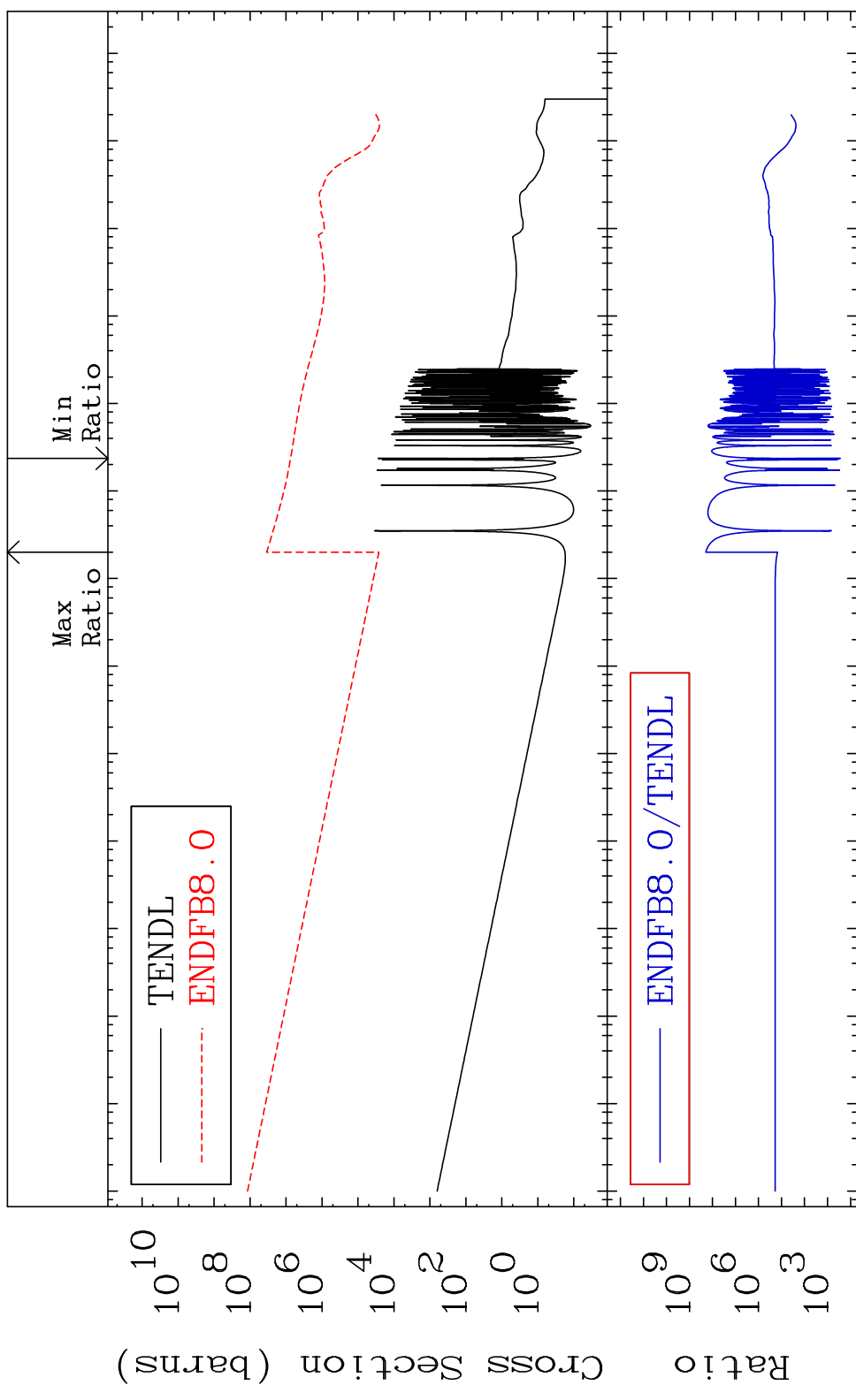


MAT 4425 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-96  
 Cross Section -100.0 To 9144. %



MAT 4425

Kerma capture (mt102) 44-Ru-96  
Cross Section 9999. To 9999. %



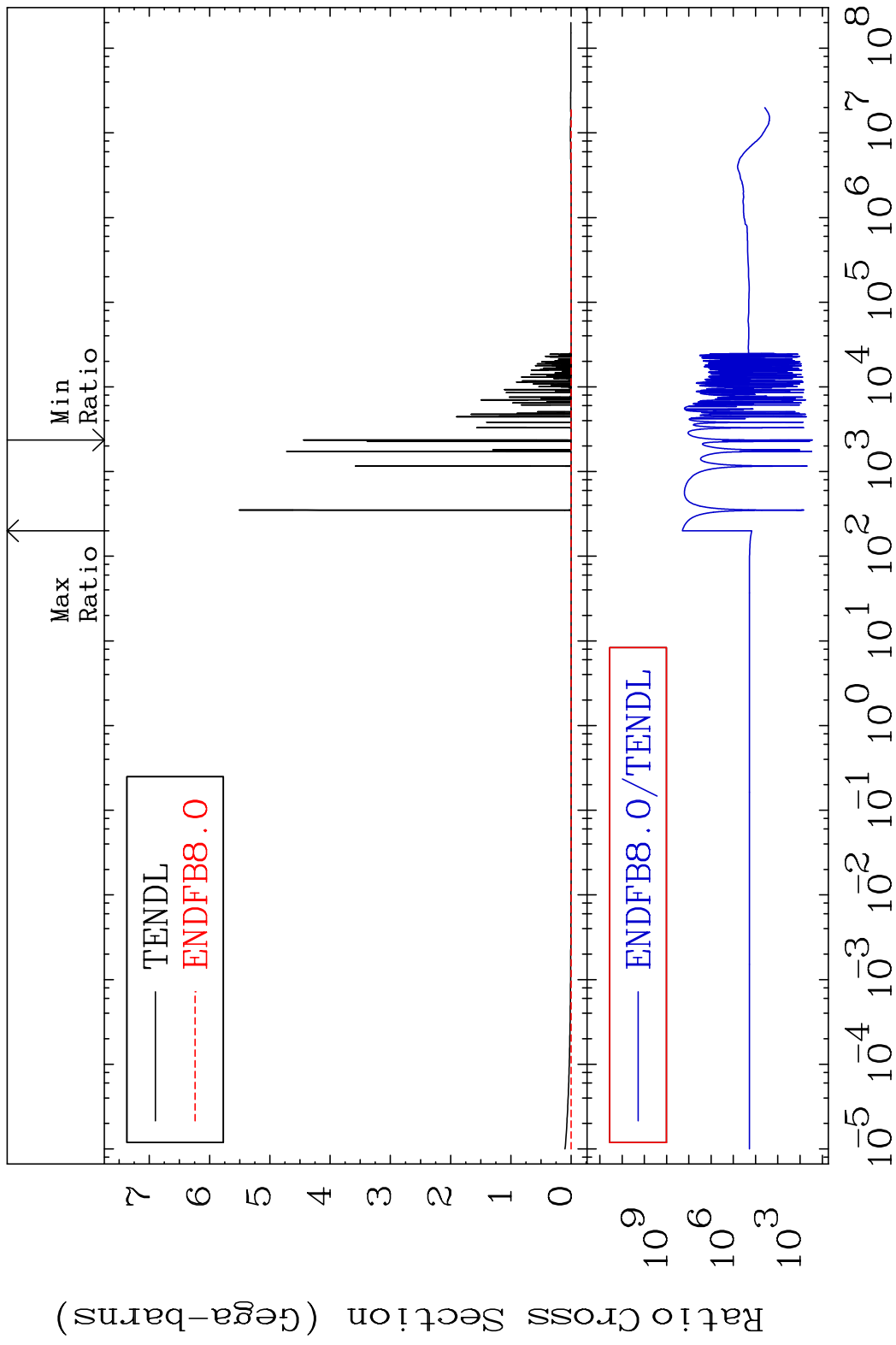
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Incident Energy (eV)

44-Ru-96

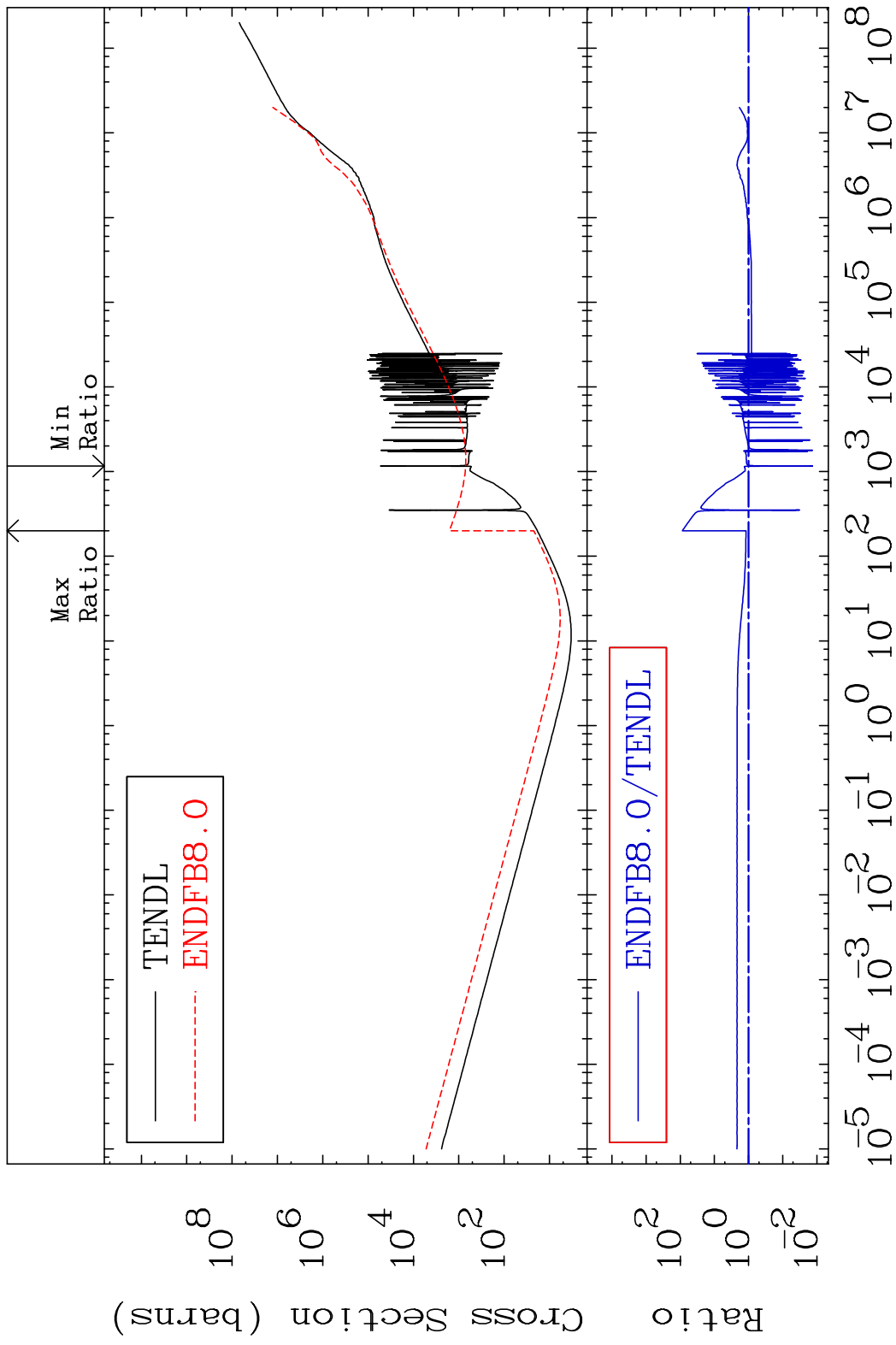


MAT 4425 Total photon (eV-barns) 44-Ru-96  
Cross Section 9999. To 9999. %

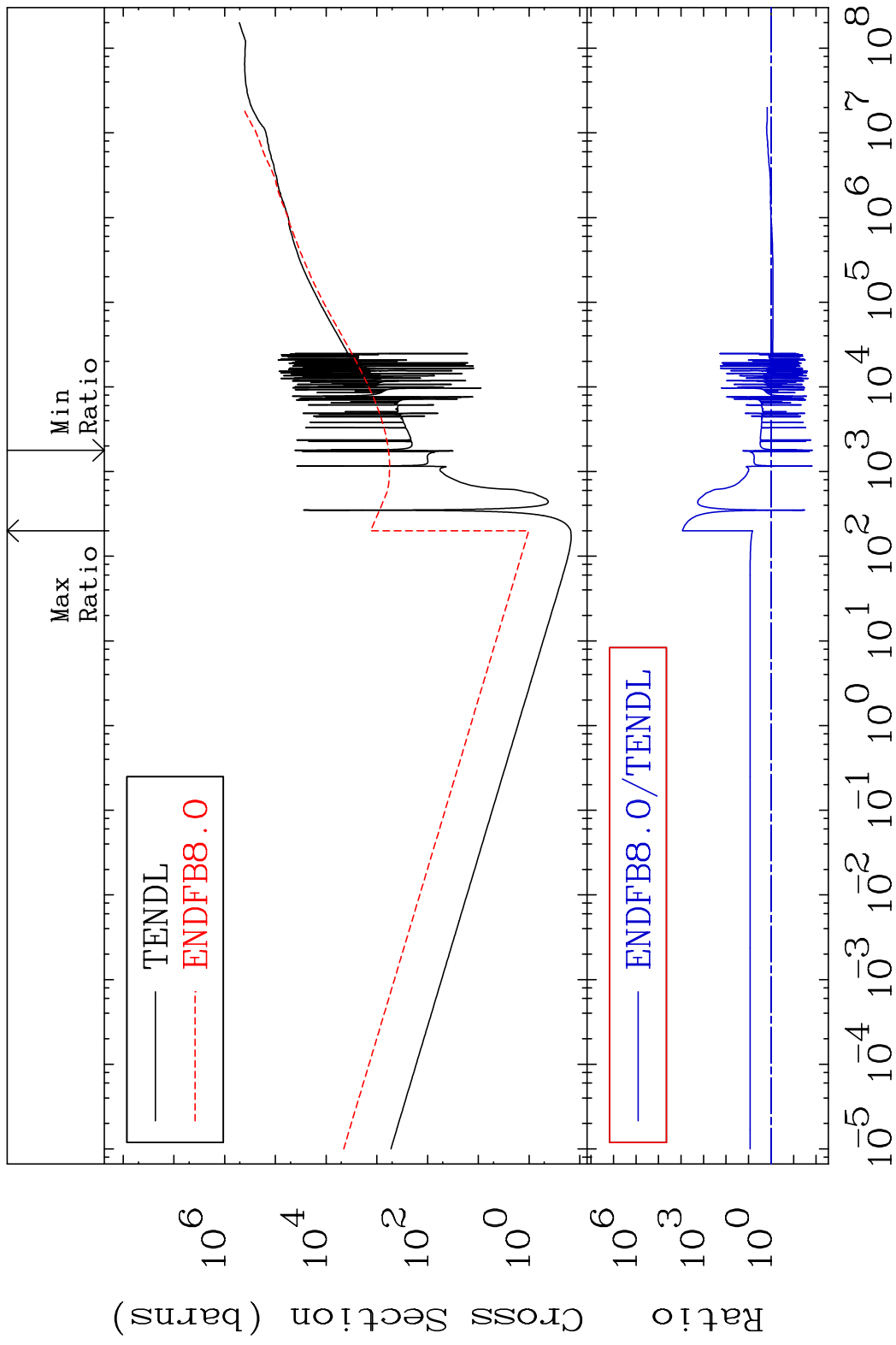


40 44-Ru-96

MAT 4425 Total kinematic kerma (high limit) 44-Ru-96  
 Cross Section -98.65 To 8569. %

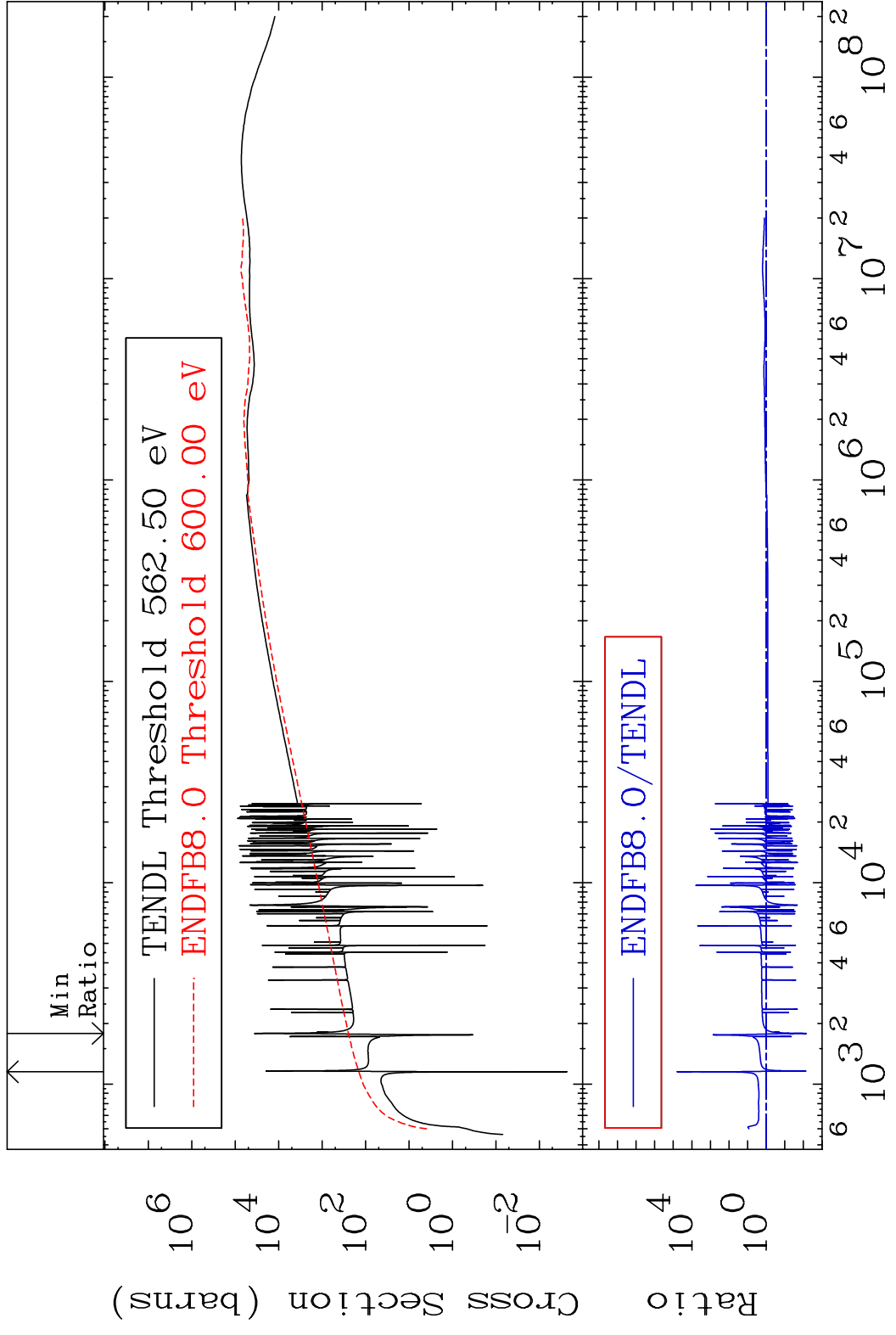


MAT 4425 Dpa total (eV-barns) 44-Ru-96  
 Cross Section -98.57 To 9999. %

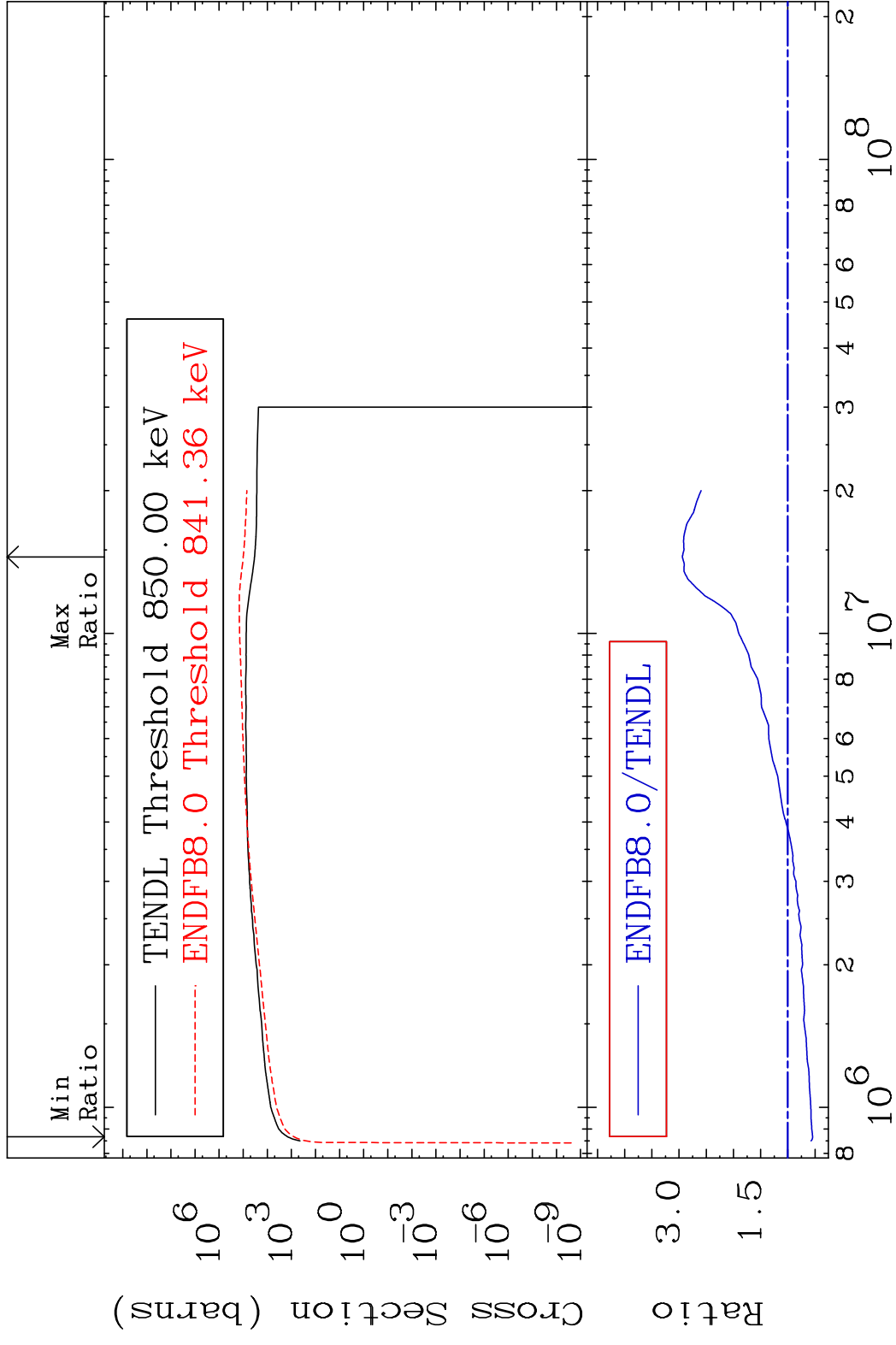


42 Incident Energy (eV) 44-Ru-96

MAT 4425      Dpa elastic (mt2)      44-Ru-96  
 Cross Section      -99.31 To 9999. %

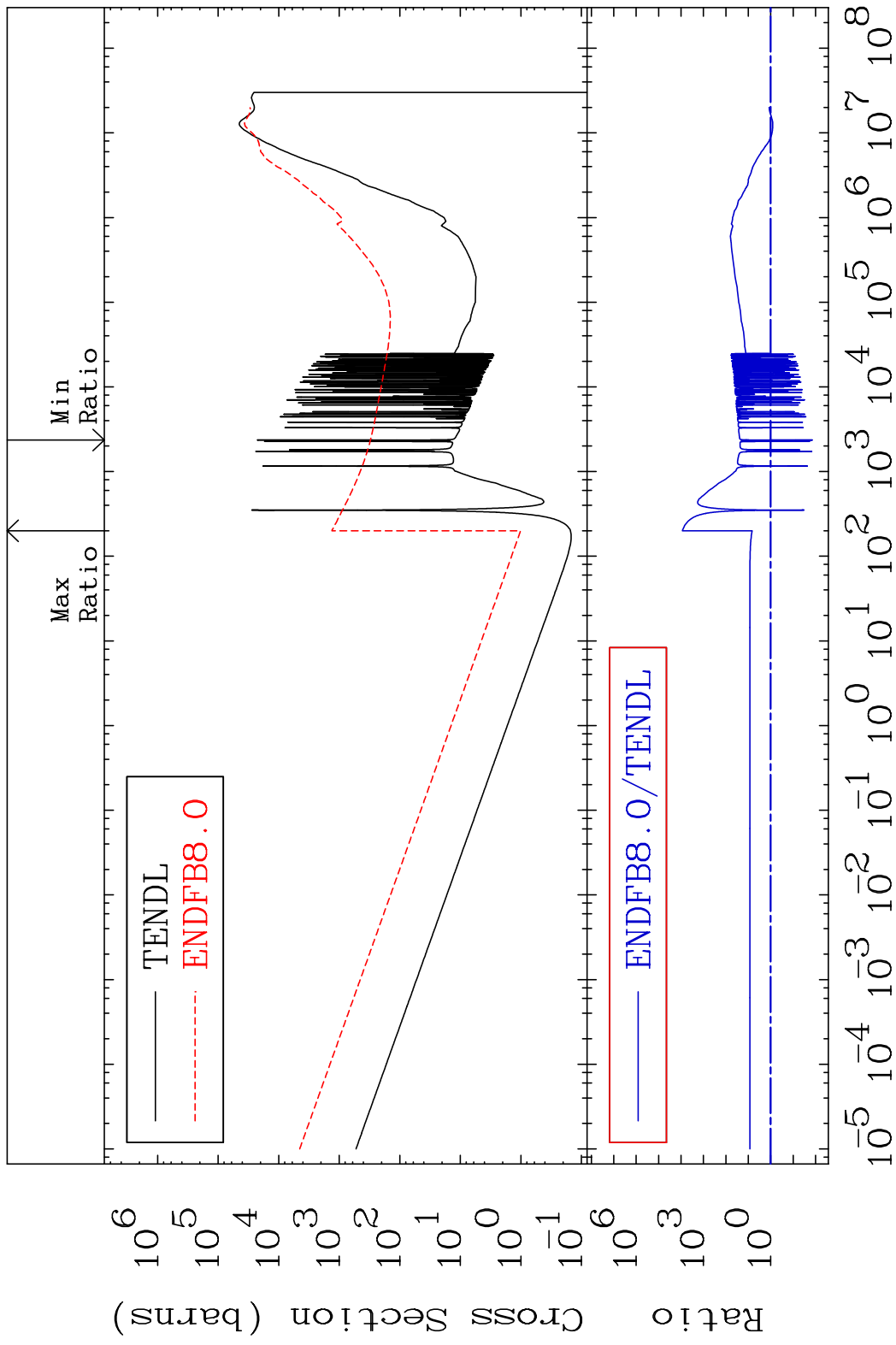


MAT 4425 Dpa inelastic (mt51-91) 44-Ru-96  
 Cross Section -45.46 To 194.0 %



44 44-Ru-96

MAT 4425 Dpa disappearance (mt102 -120) 44-Ru-96  
 Cross Section -98.63 To 9999. %



45 Incident Energy (eV) 44-Ru-96