

Program Complot  
(Version 2021-1)

by

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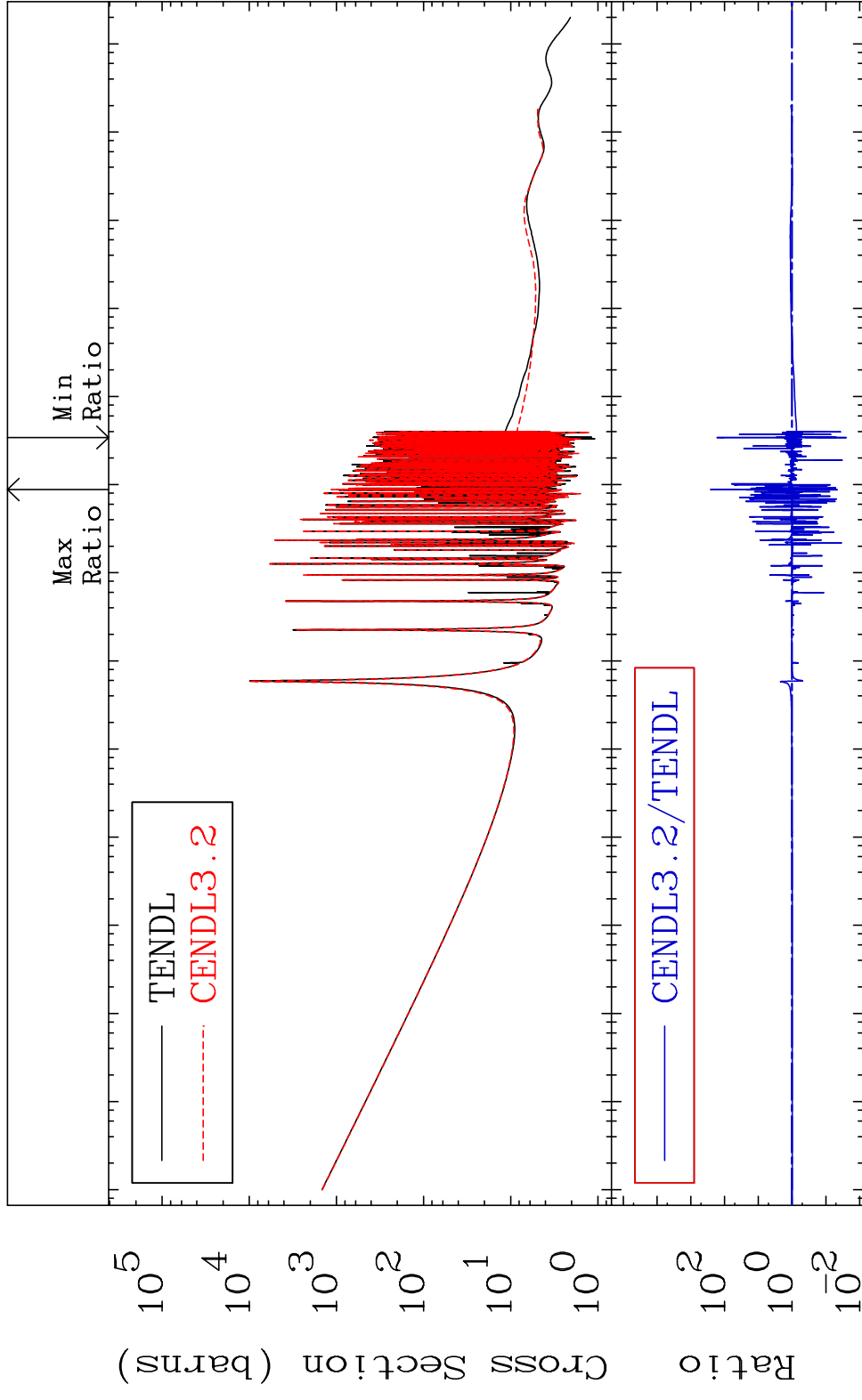
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 5525

Total Cross Section  
55-Cs-133  
-97.53 To 9999. %



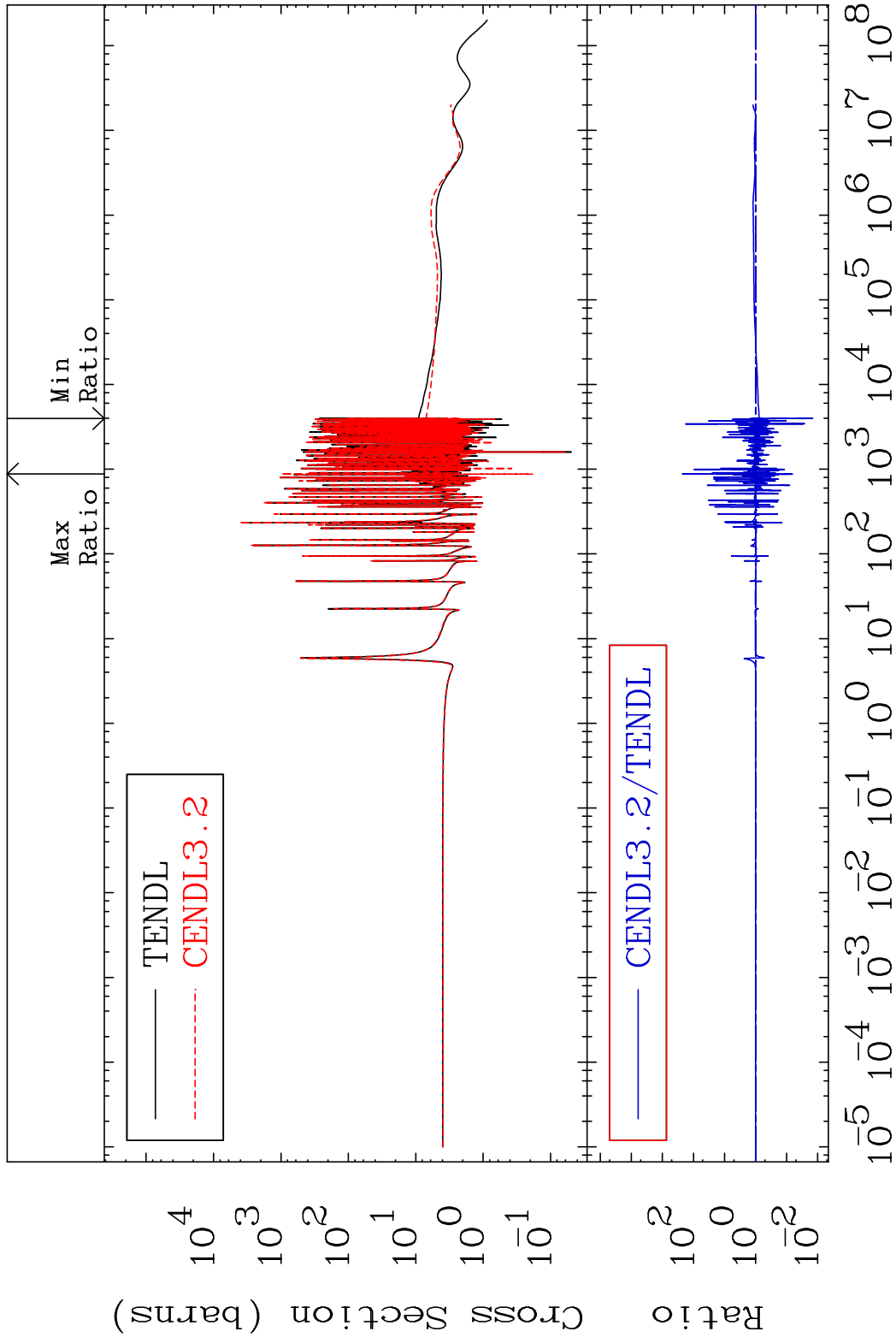
1 Incident Energy (eV) 55-Cs-133

MAT 5525

Elastic

55-Cs-133

Cross Section -98.54 To 9999. %

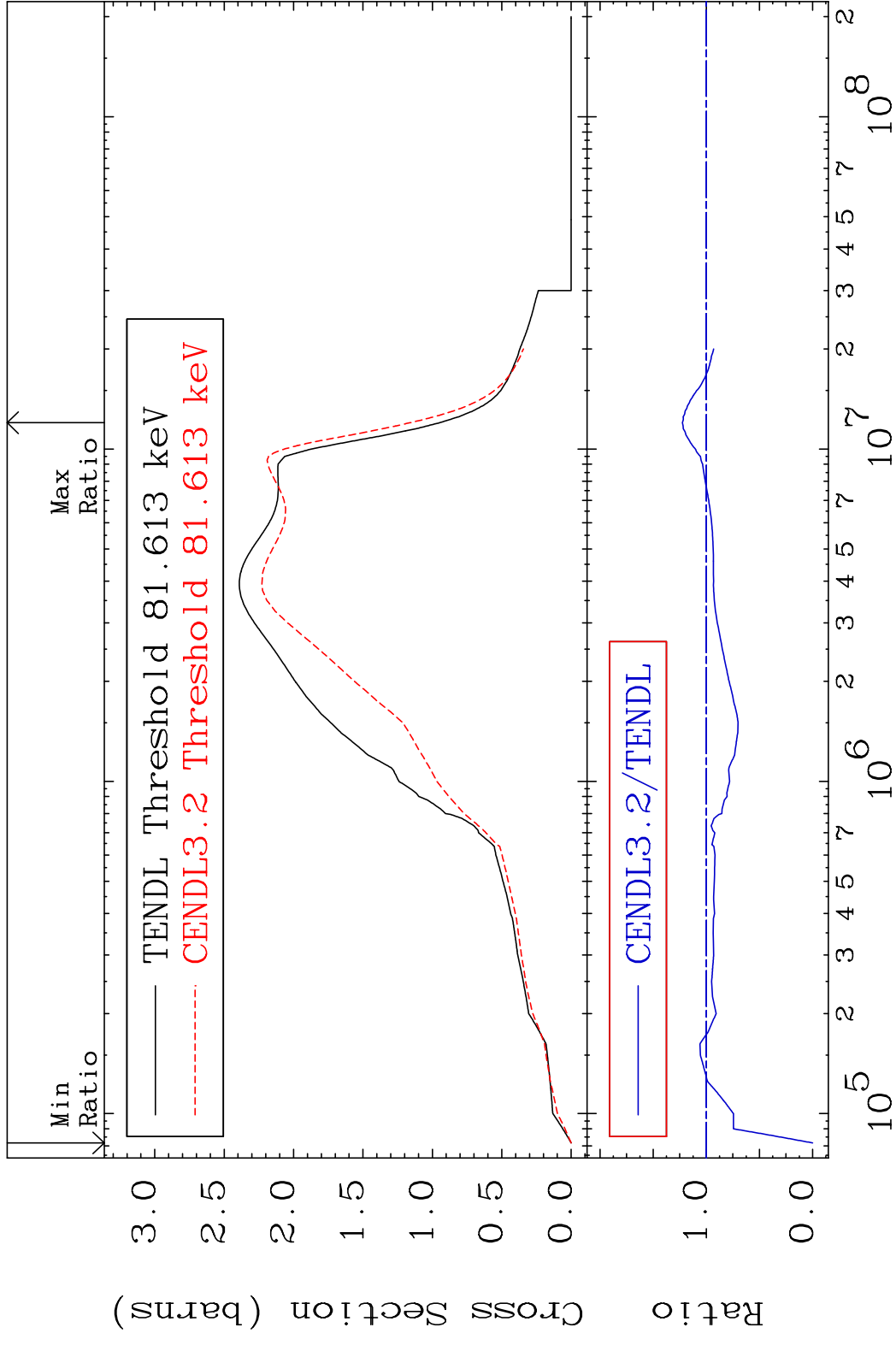


2

Incident Energy (eV)

55-Cs-133

MAT 5525 Inelastic 55-Cs-133  
 Cross Section -100.0 To 22.53 %



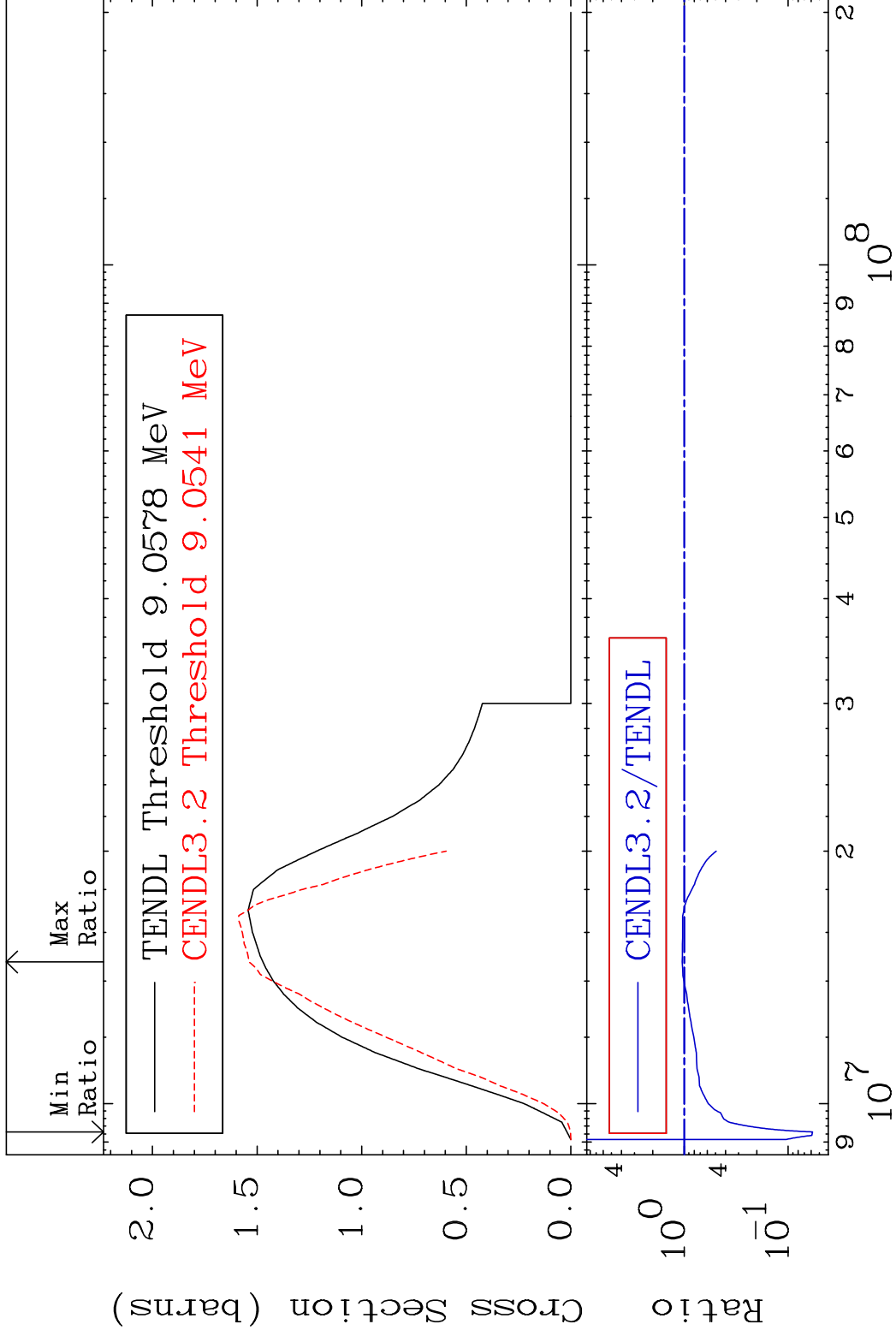
3 3 Incident Energy (eV) 55-Cs-133

MAT 5525

(n,2n)

55-Cs-133

Cross Section -94.16 To 4.501 %



4

Incident Energy (eV)

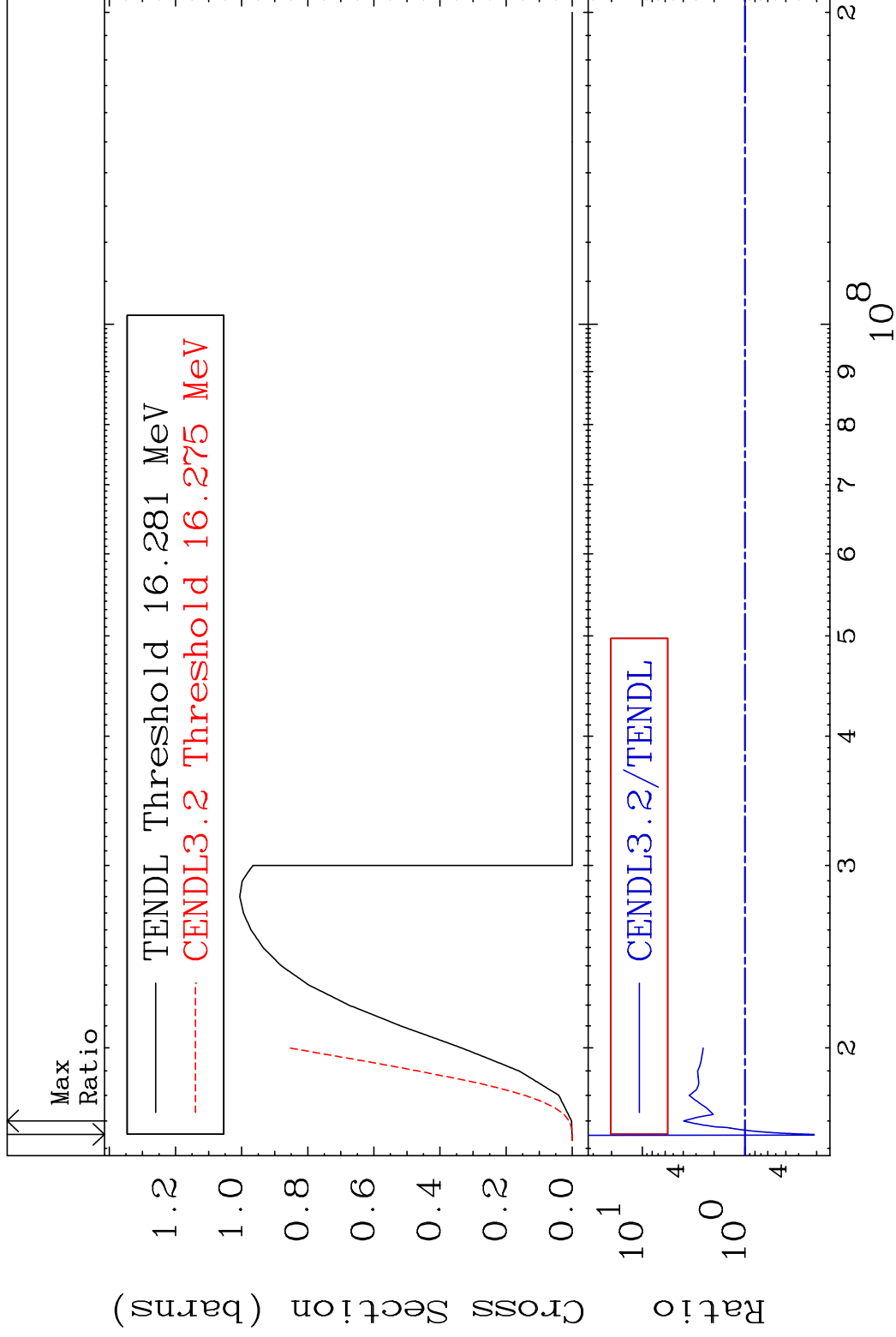
55-Cs-133

MAT 5525

(n,3n)

55-Cs-133

Cross Section -78.79 To 295.6 %

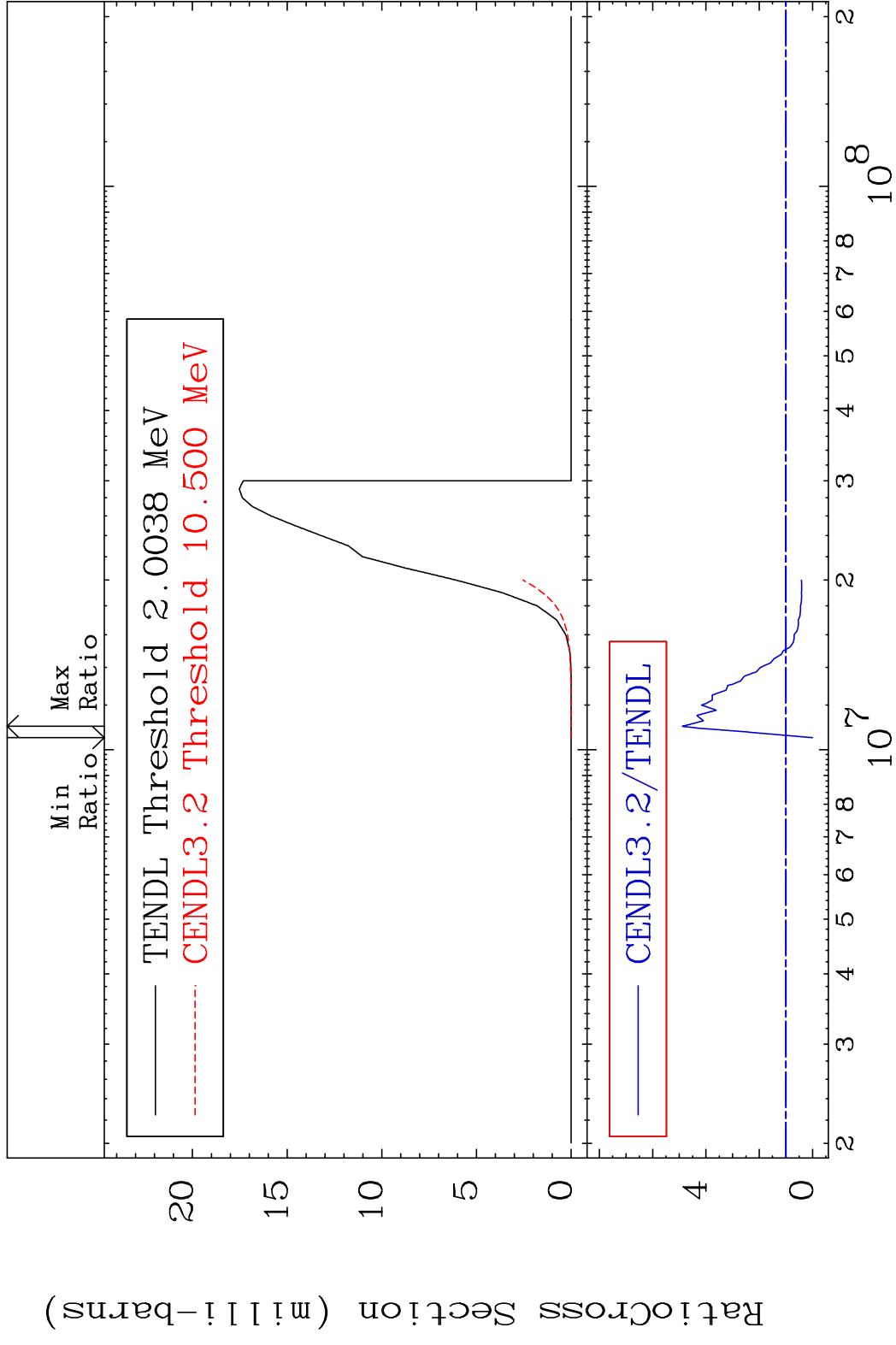


5

Incident Energy (eV)

55-Cs-133

MAT 5525 (n, n')  $\alpha$  55-Cs-133  
 Cross Section -100.0 To 388.5 %

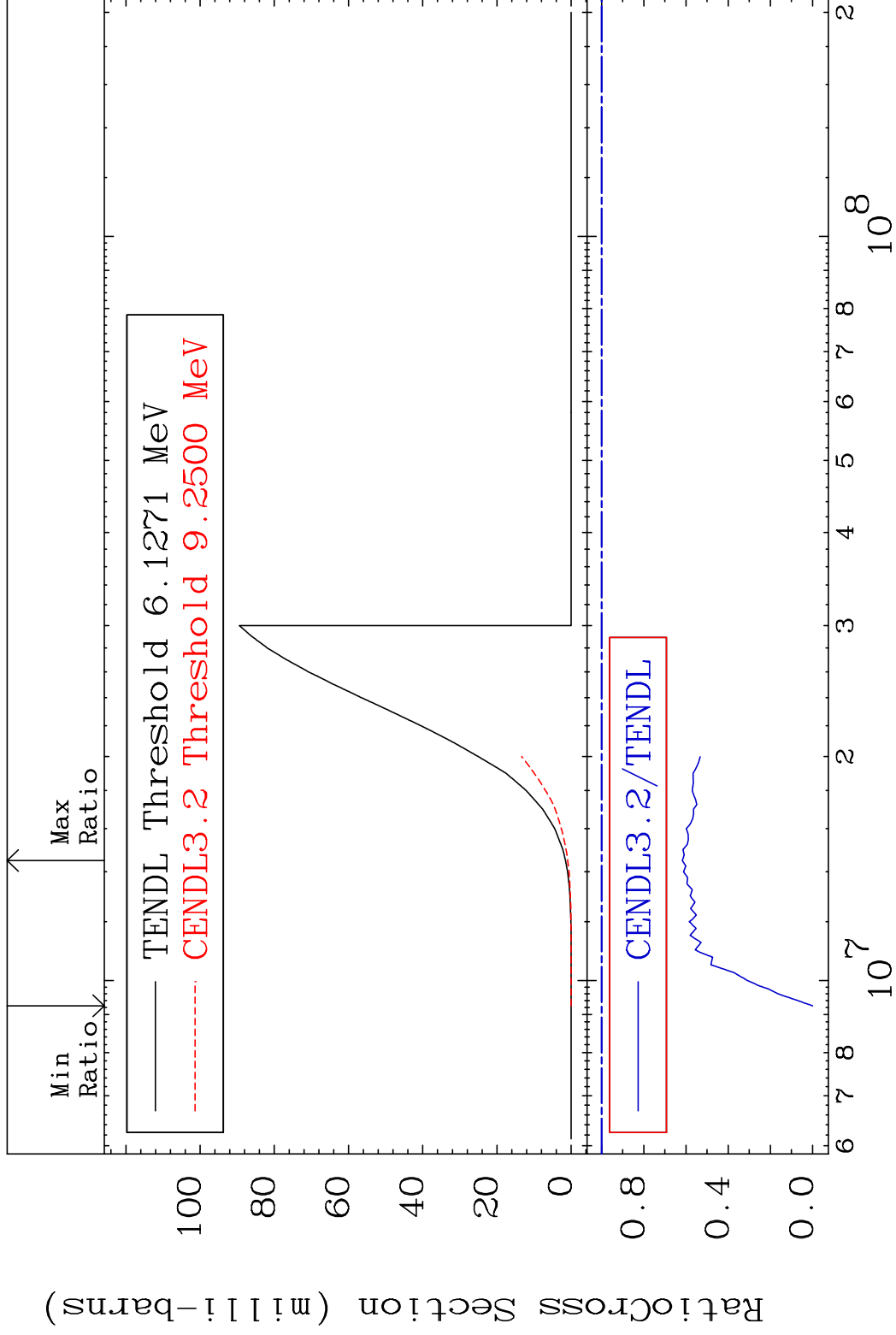


MAT 5525

(n, n') p

55-Cs-133

Cross Section -100.0 To -38.29%



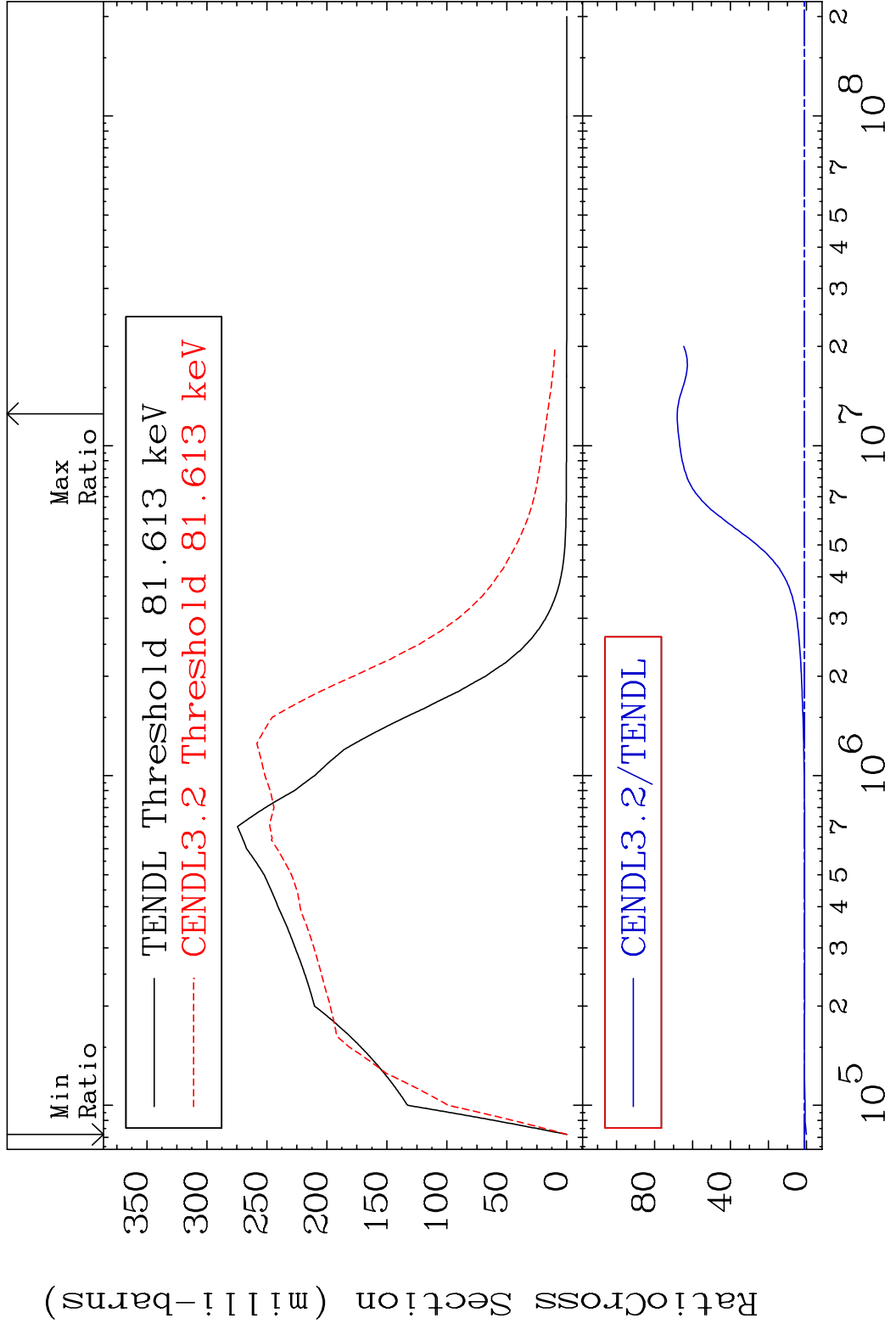
7

Incident Energy (eV)

55-Cs-133

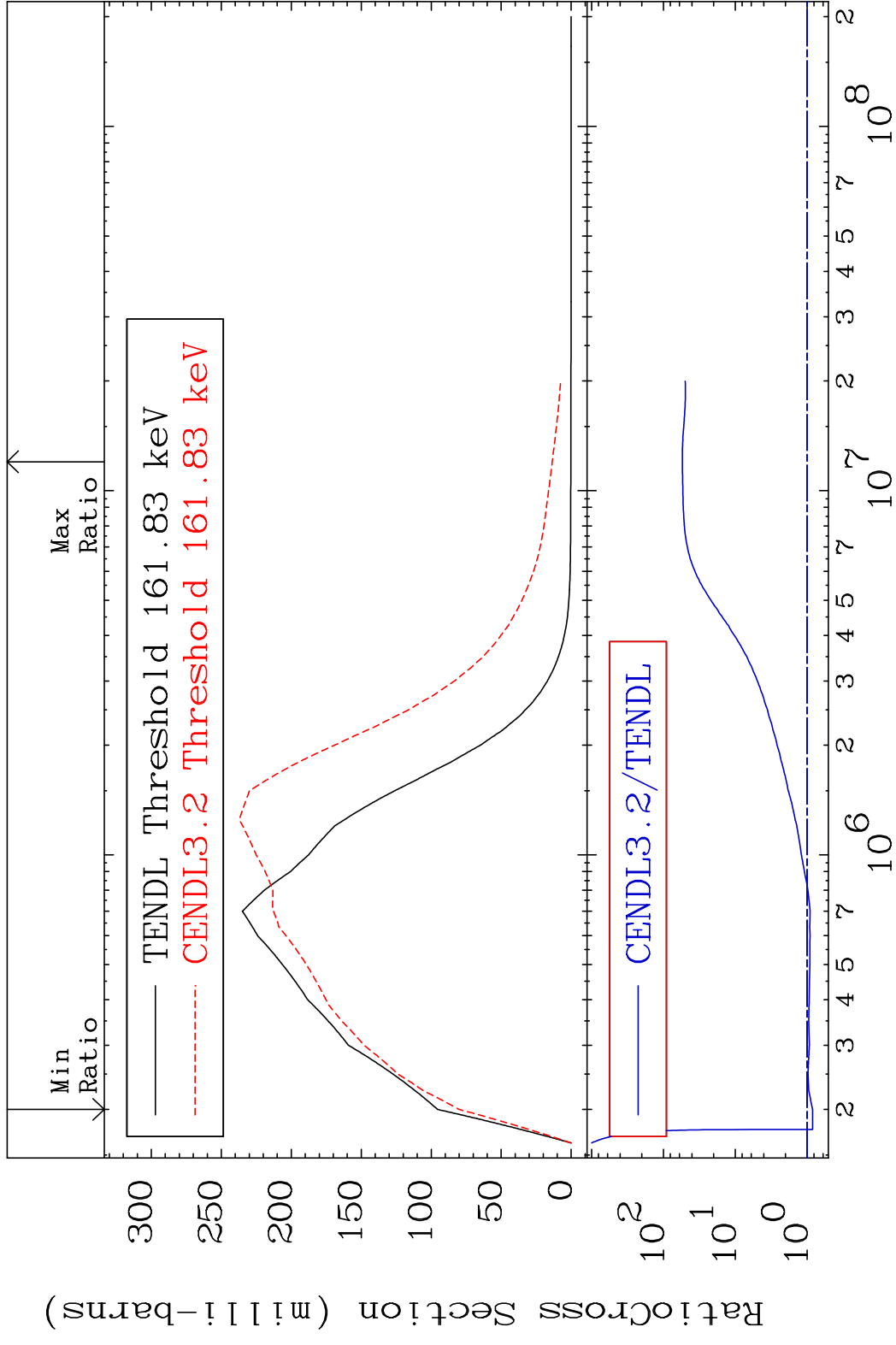


MAT 5525 MT= 51 (n, n') Level 55-Cs-133  
 Cross Section -100.0 To 6707. %

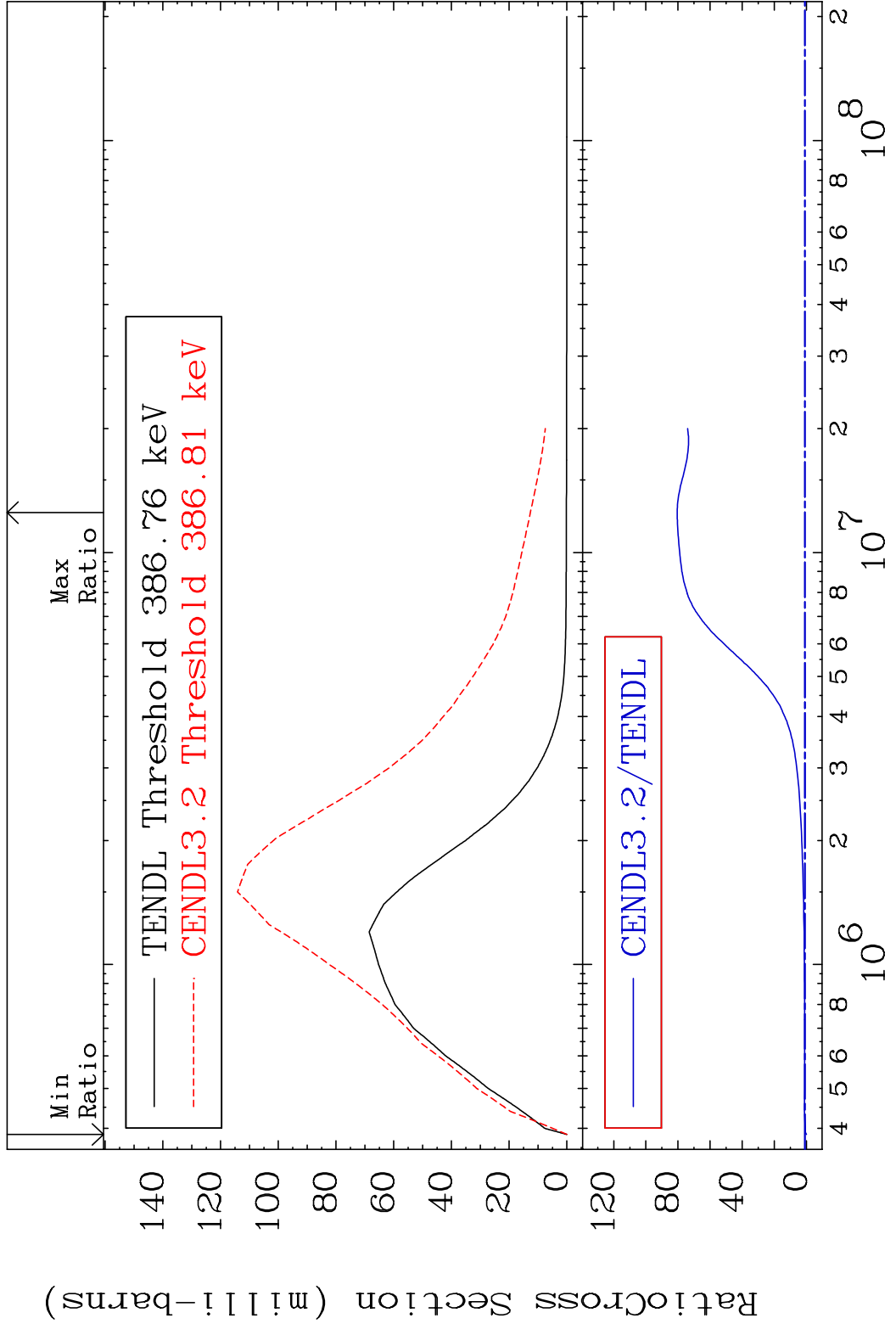


8 8 Incident Energy (eV) 55-Cs-133

MAT 5525 MT= 52 (n, n') Level 55-Cs-133  
 Cross Section -16.17 To 5347. %

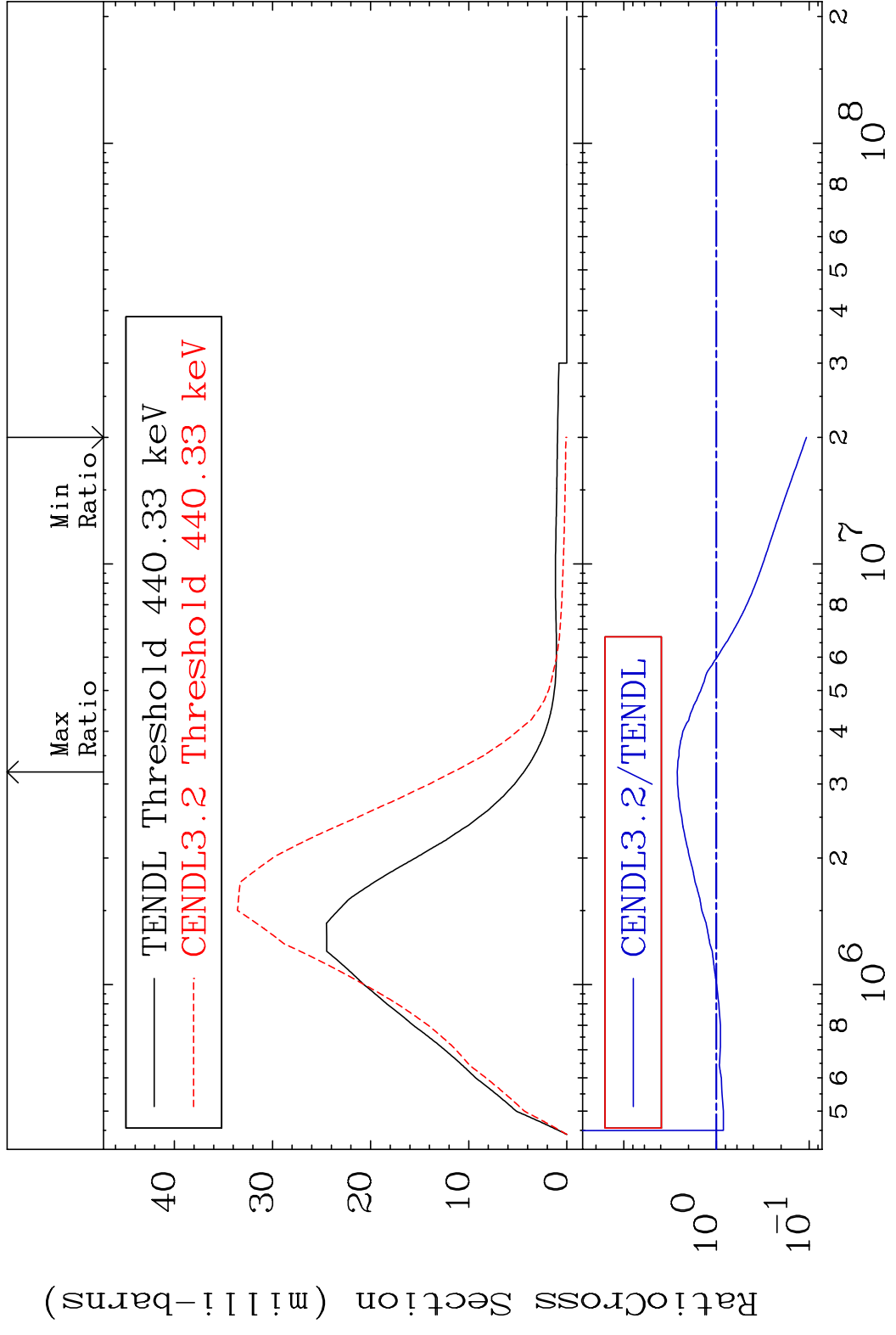


MAT 5525 MT= 53 (n, n') Level 55-Cs-133  
 Cross Section -100.0 To 7949. %

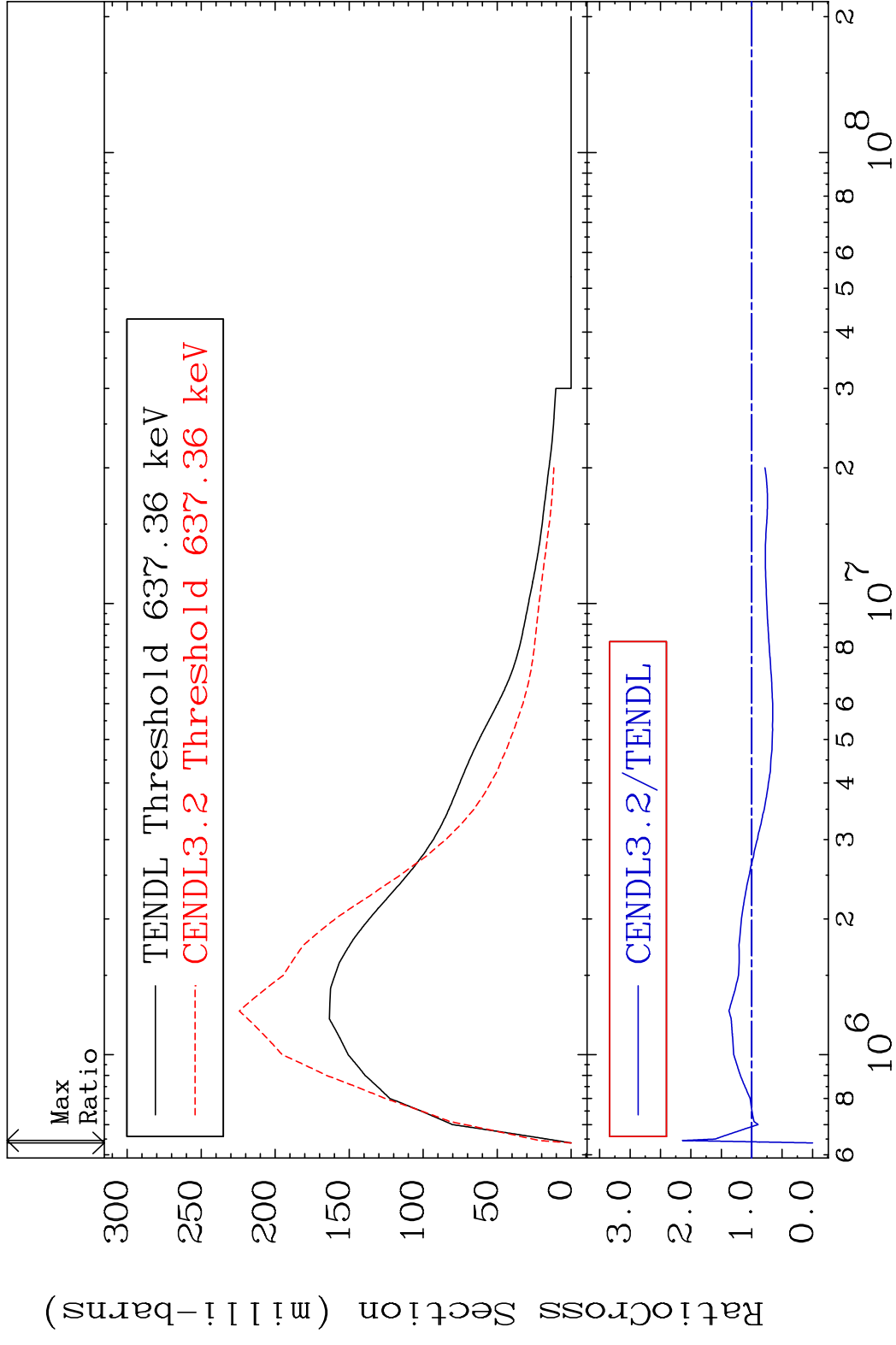


10 Incident Energy (eV) 55-Cs-133

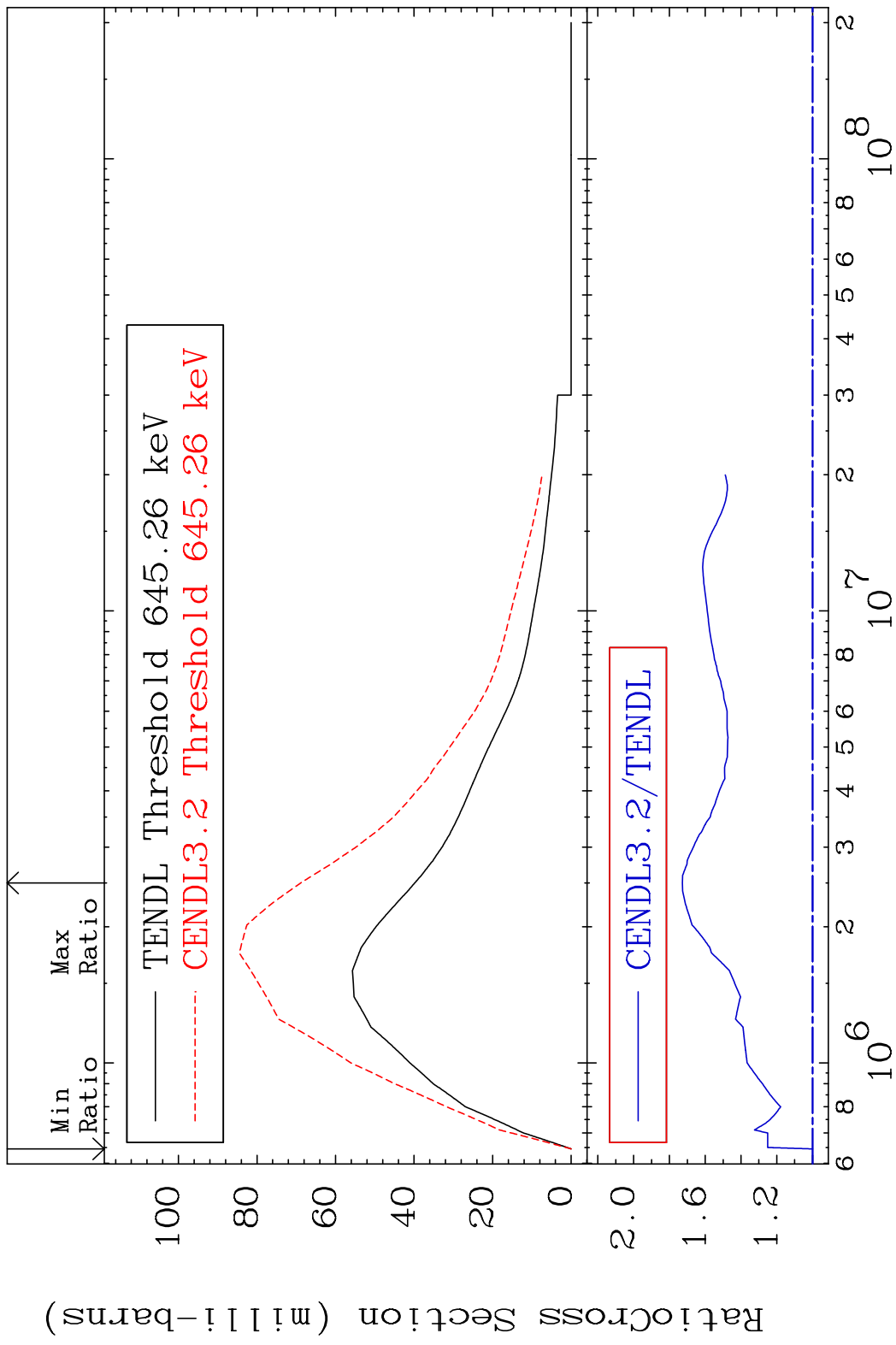
MAT 5525 MT= 54 (n, n') Level 55-Cs-133  
 Cross Section -89.30 To 165.2 %



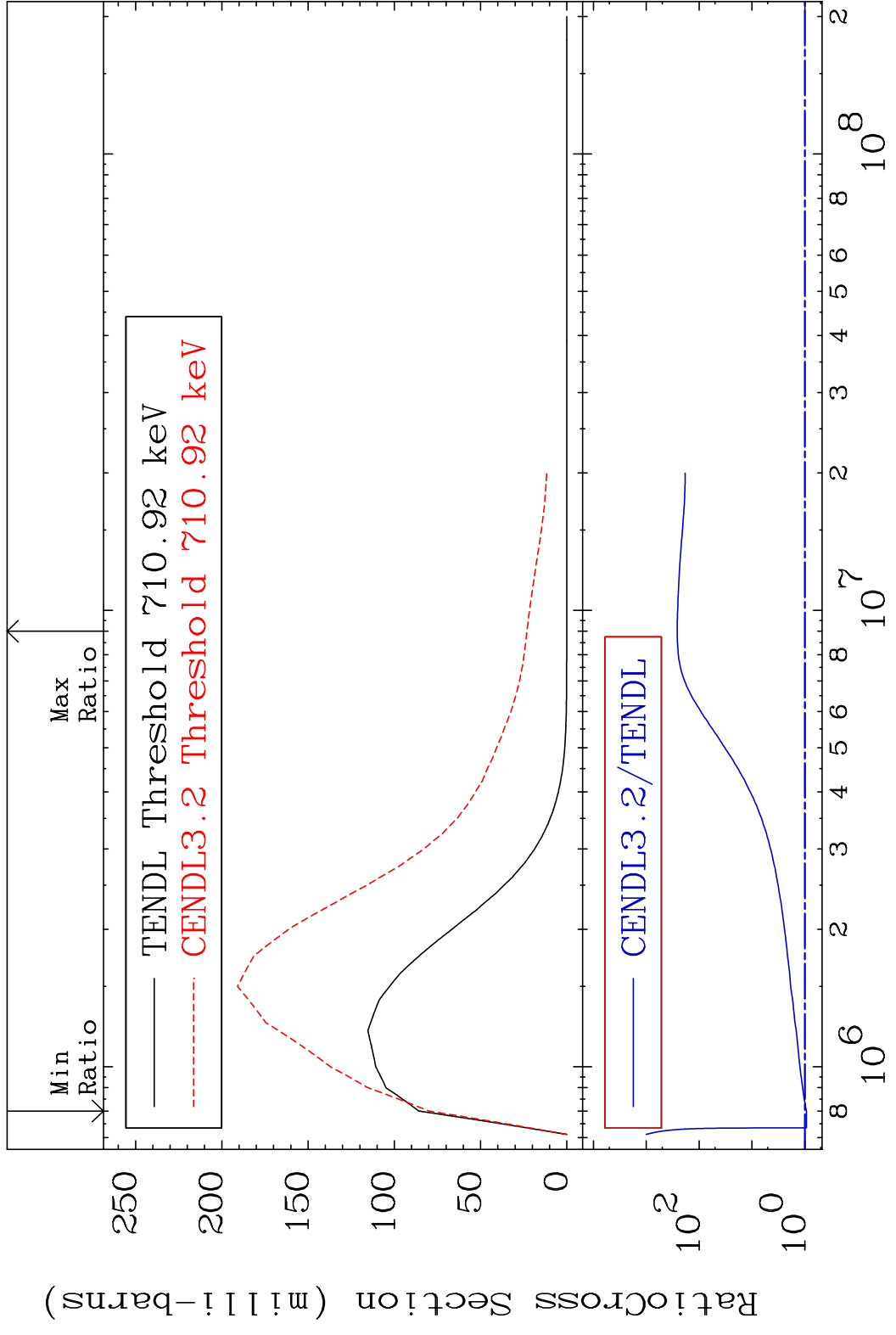
MAT 5525 MT= 55 (n,n') Level 55-Cs-133  
 Cross Section -100.0 To 114.1 %



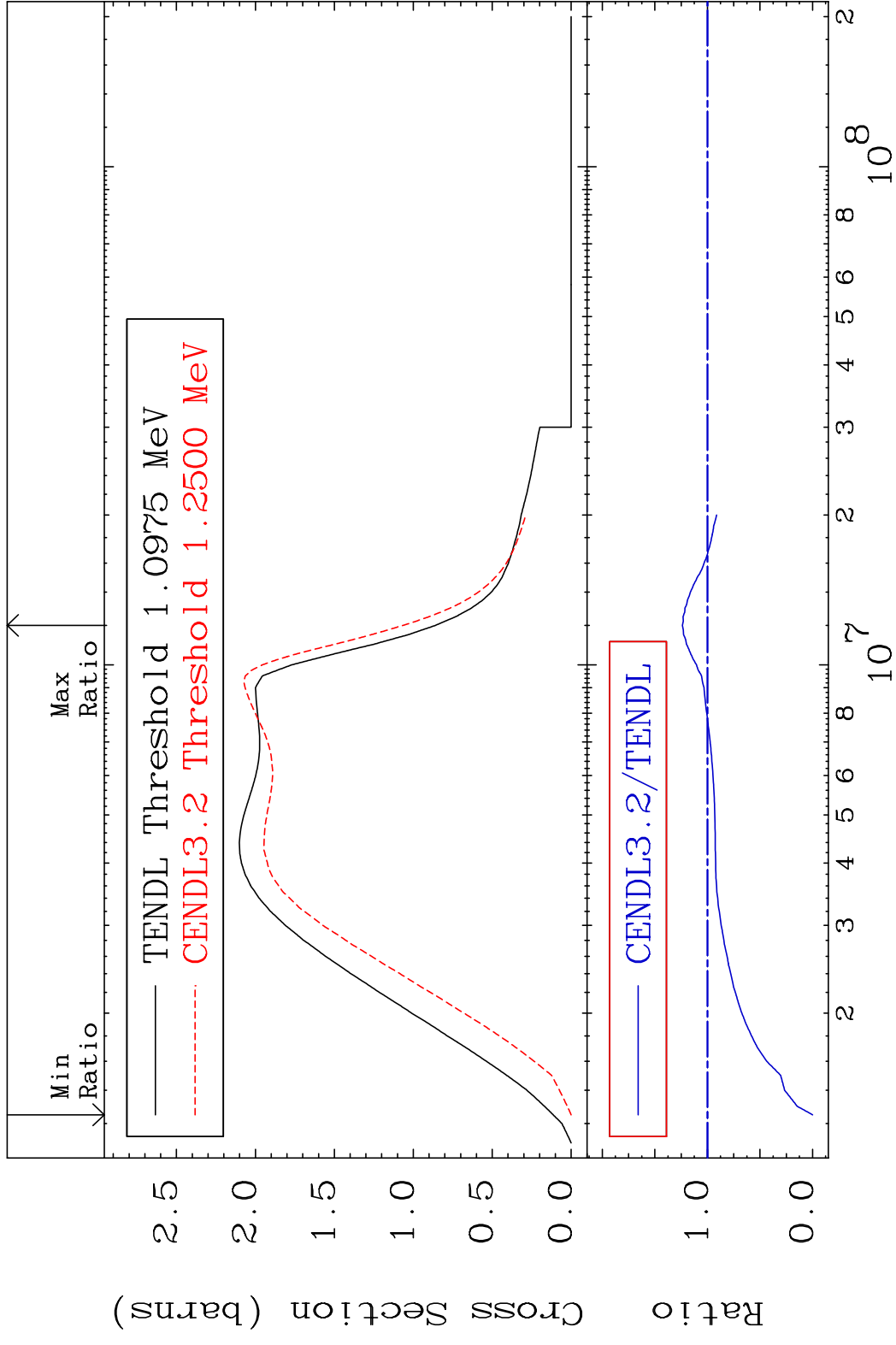
MAT 5525 MT= 56 (n,n') Level 55-Cs-133  
 Cross Section 0.000 To 72.78 %



MAT 5525 MT= 57 (n,n') Level 55-Cs-133  
 Cross Section -6.874 To 9999. %



MAT 5525 (n,n') Continuum 55-Cs-133  
 Cross Section -100.0 To 23.86 %



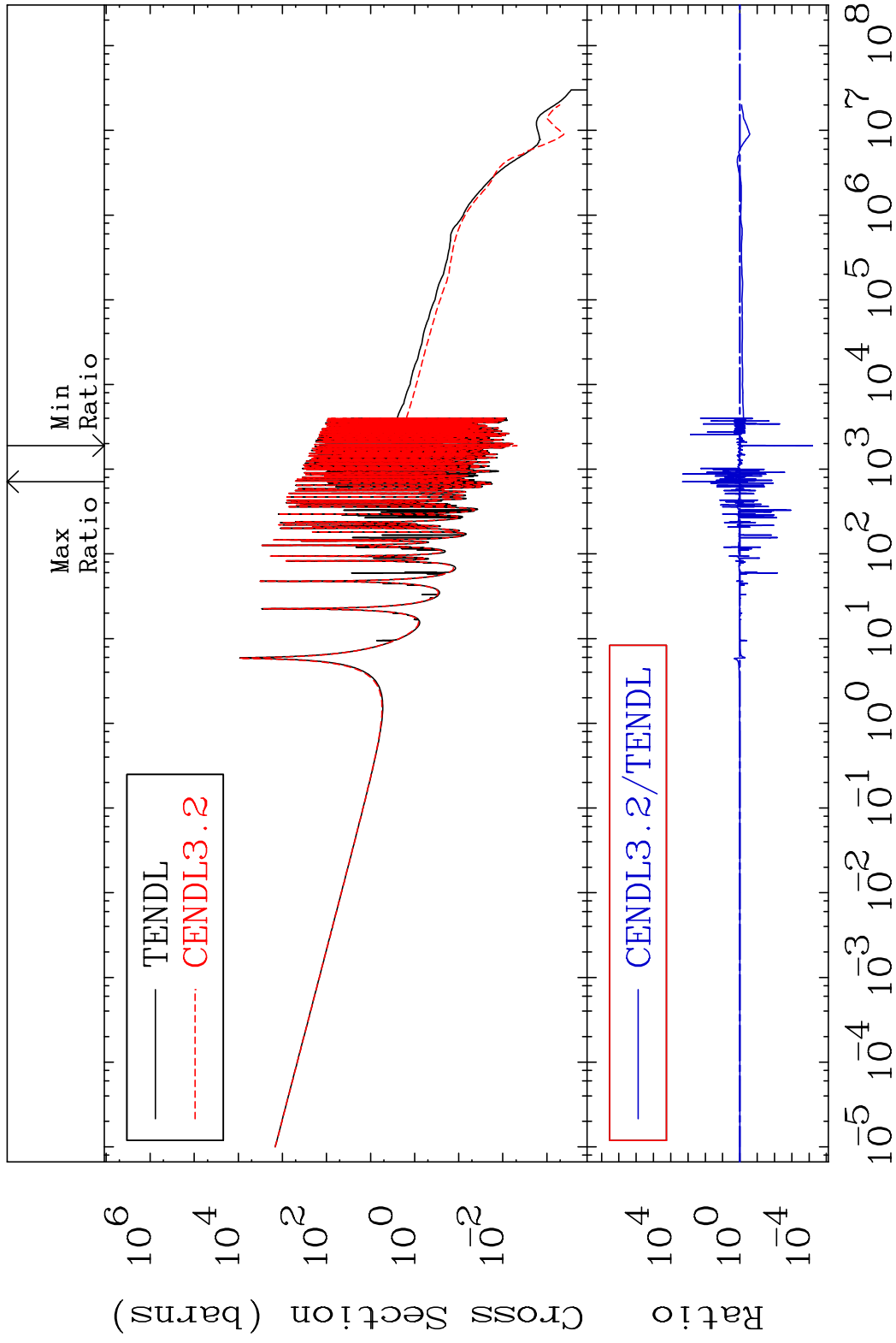


MAT 5525

(n,  $\gamma$ )

55-Cs-133

Cross Section -99.99 To 9999. %



16

Incident Energy (eV)

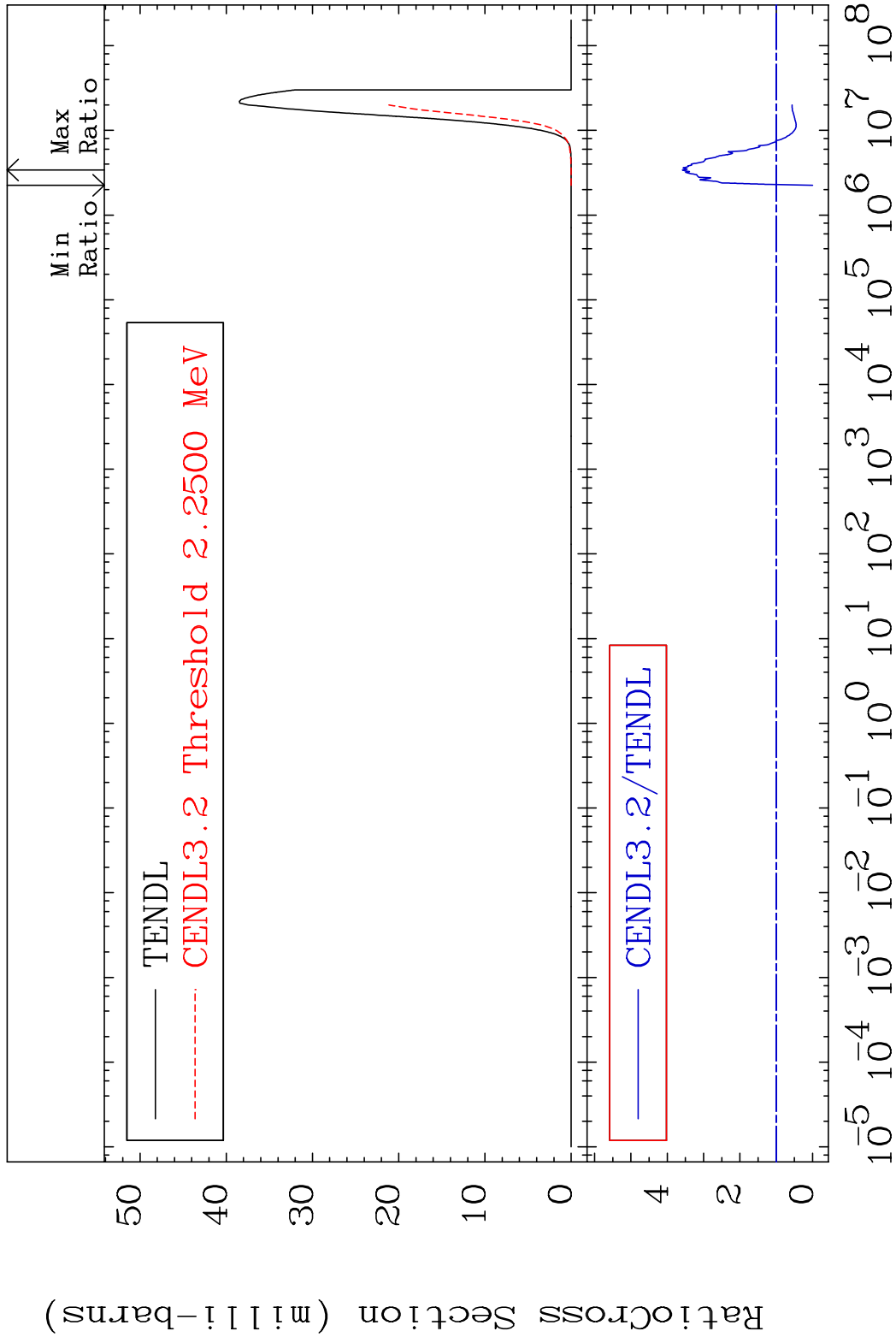
55-Cs-133

MAT 5525

(n, p)

55-Cs-133

Cross Section -100.0 To 258.4 %



17

Incident Energy (eV)

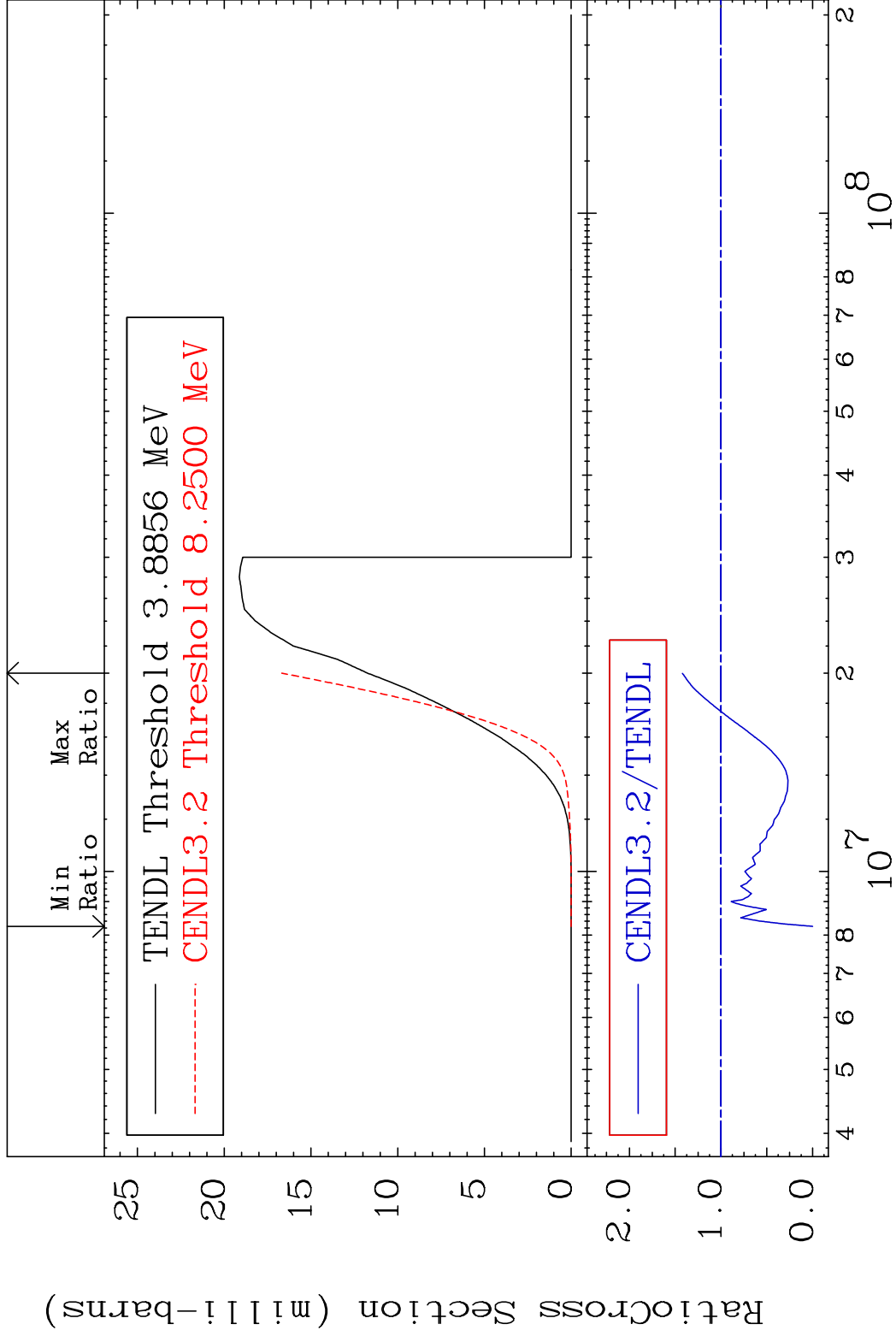
55-Cs-133

MAT 5525

(n,d)

55-Cs-133

Cross Section -100.0 To 42.19 %



18

Incident Energy (eV)

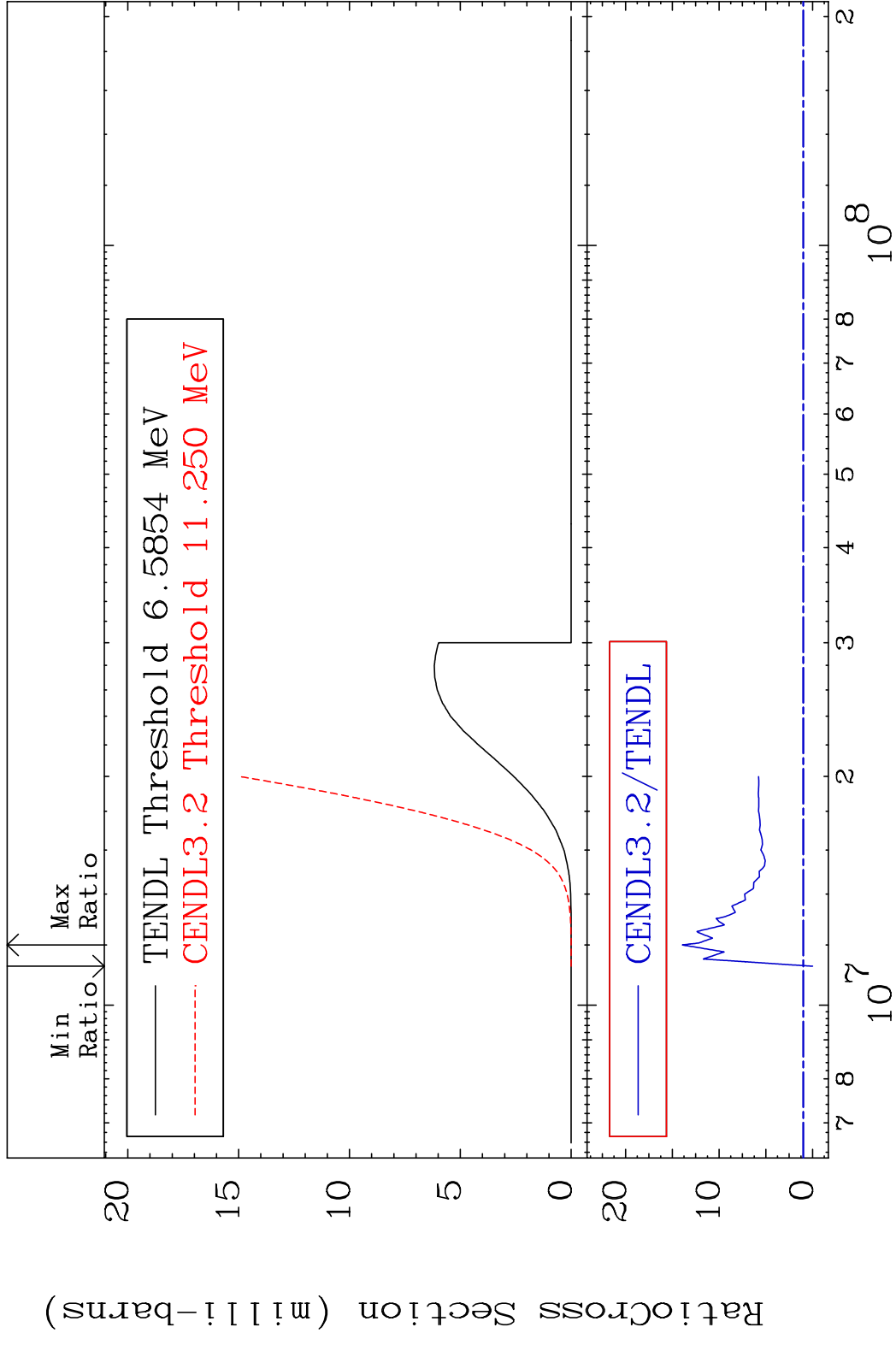
55-Cs-133

MAT 5525

(n, t)

55-Cs-133

Cross Section -100.0 To 1293. %

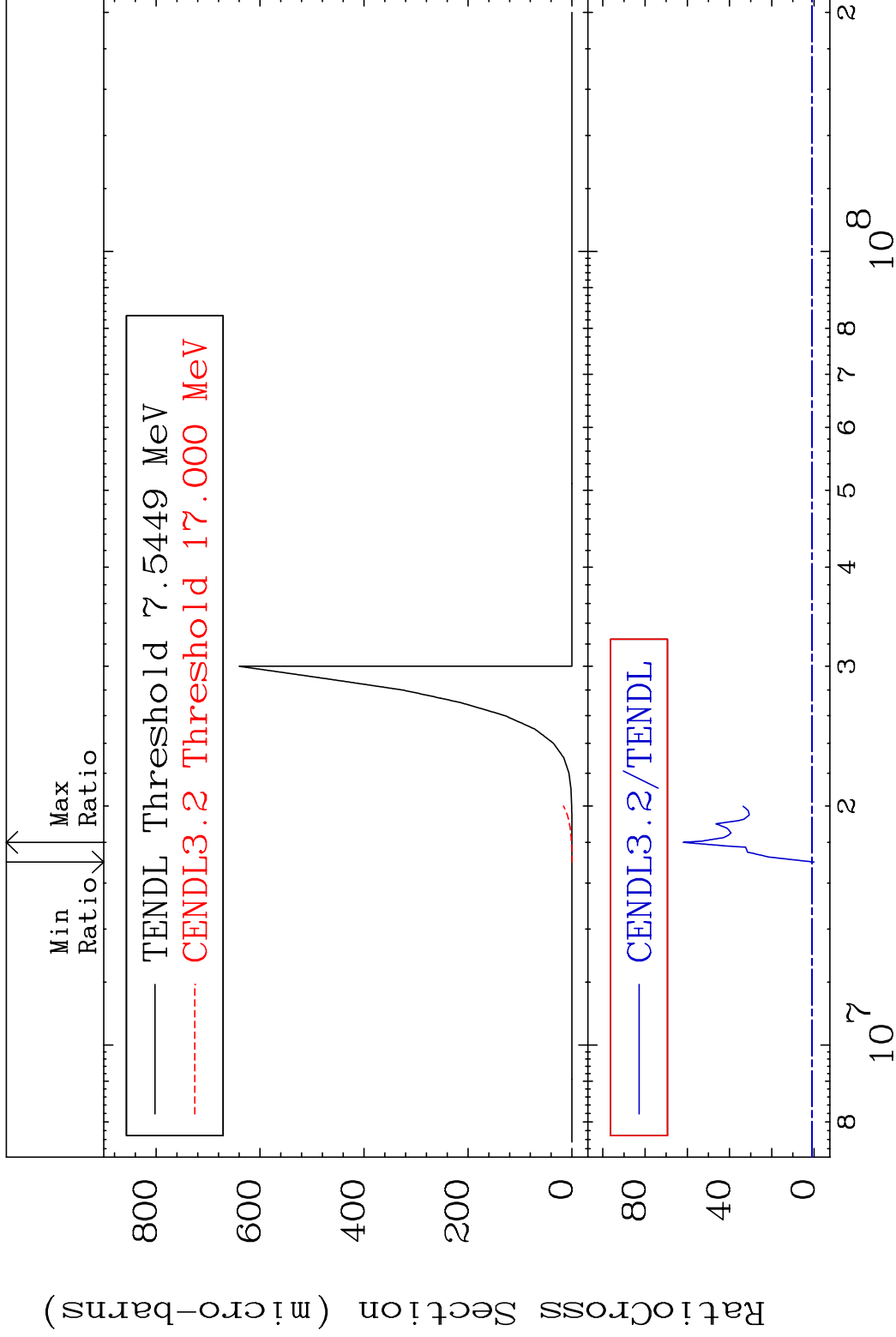


MAT 5525

(n, He-3)

55-Cs-133

Cross Section -100.0 To 6083. %



20

Incident Energy (eV)

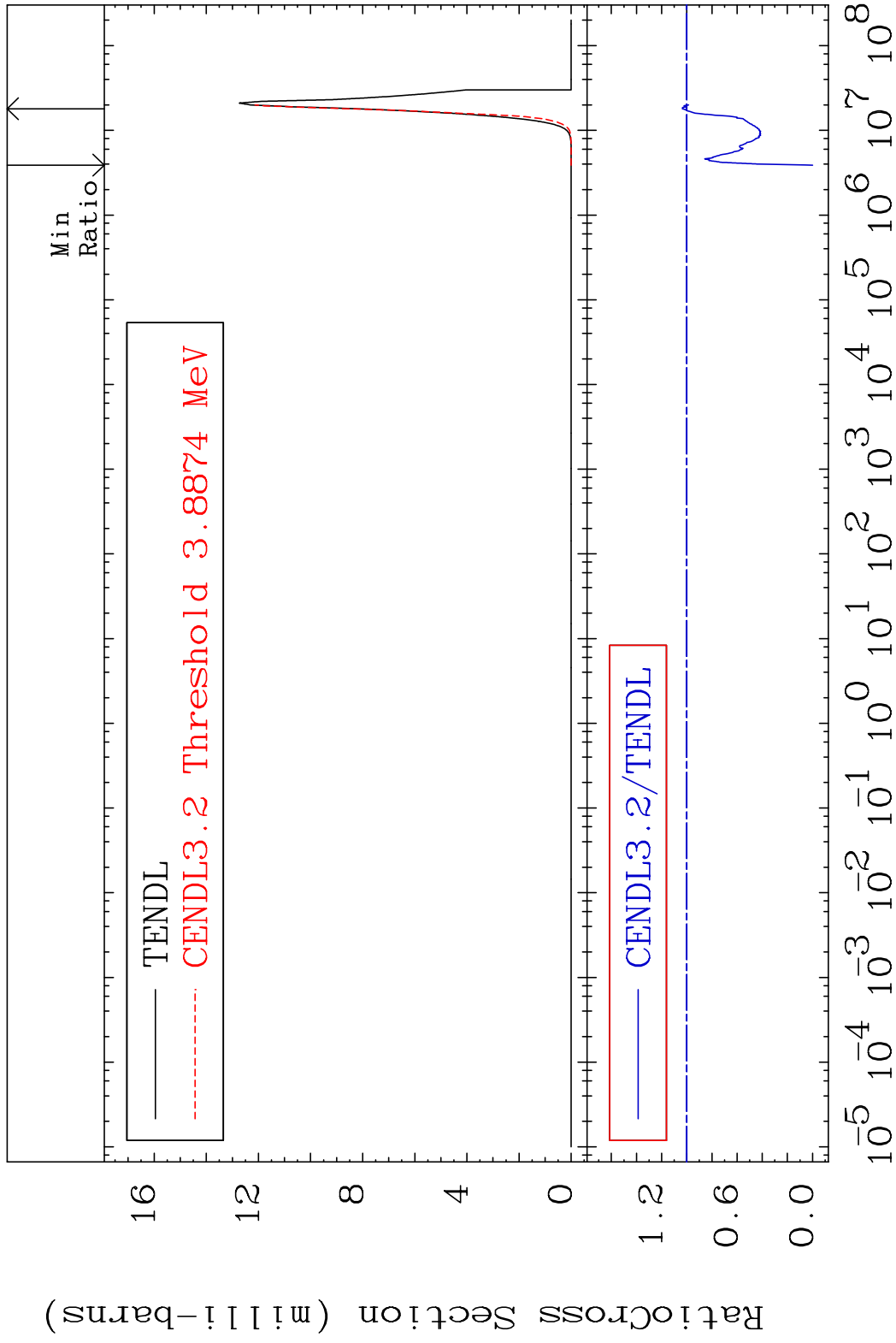
55-Cs-133

MAT 5525

(n,  $\alpha$ )

55-Cs-133

Cross Section -100.0 To 3.534 %



21

Incident Energy (eV)

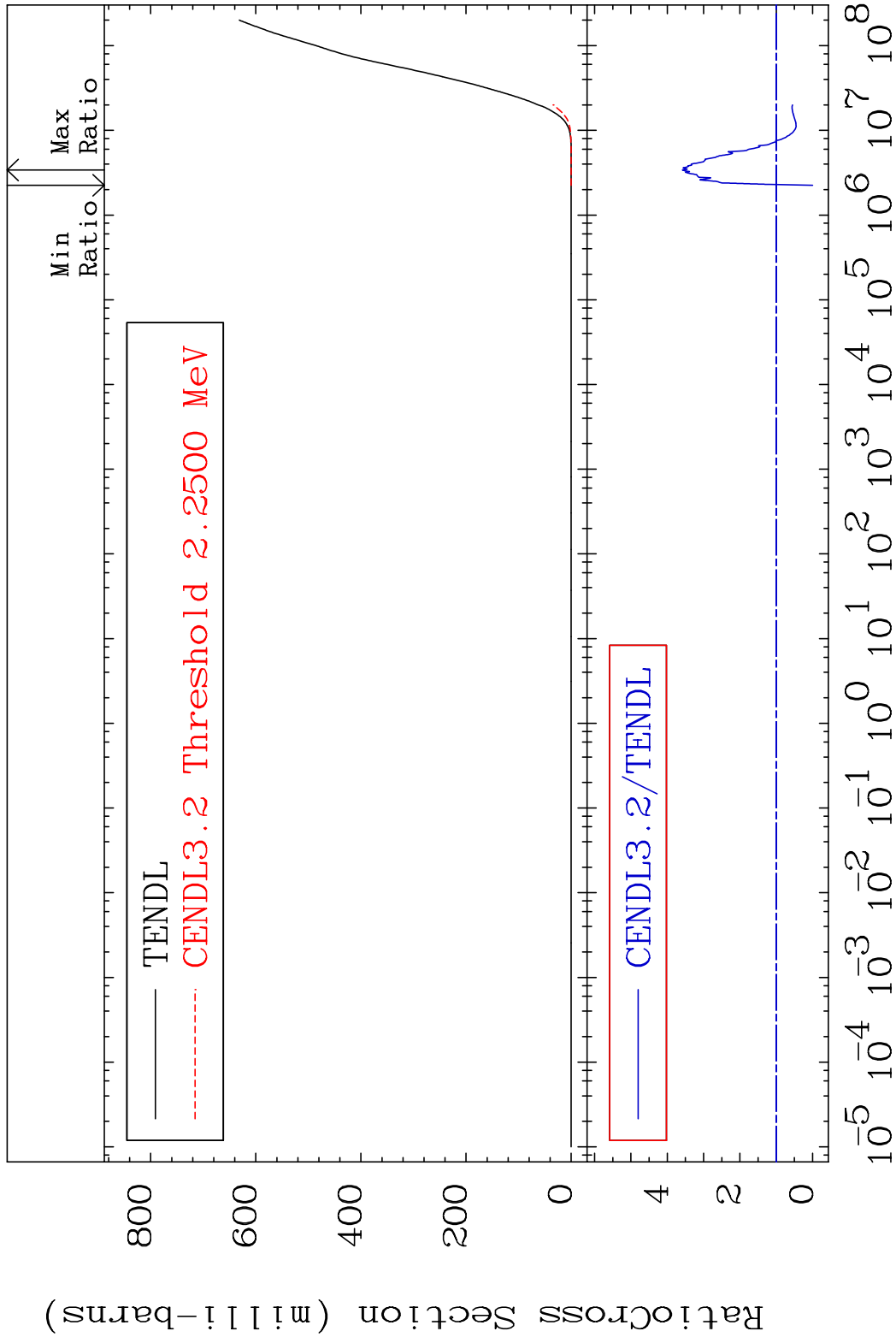
55-Cs-133

MAT 5525

Hydrogen Production

55-Cs-133

Cross Section -100.0 To 258.4 %



22

Incident Energy (eV)

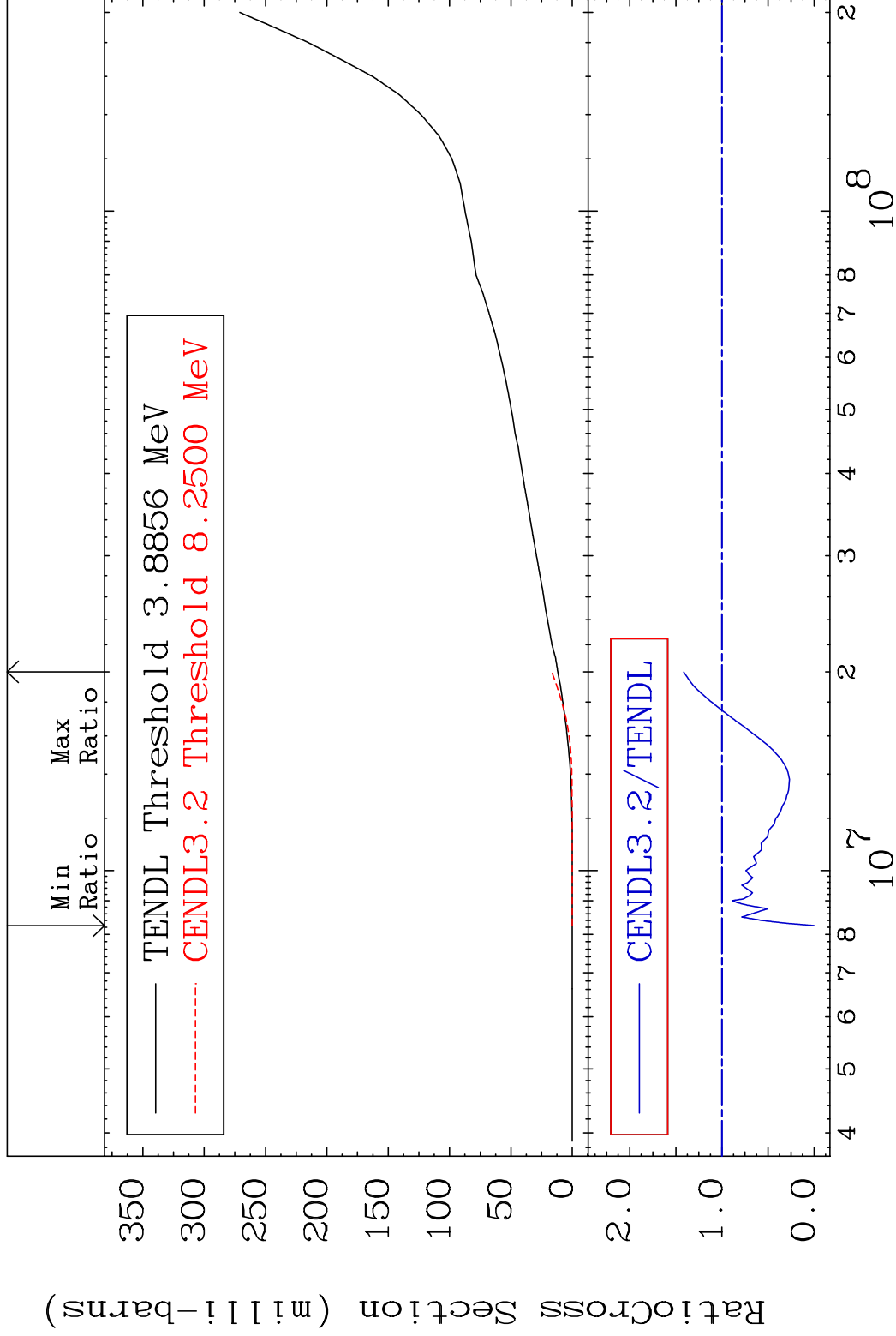
55-Cs-133

MAT 5525

Deuterium Production

55-Cs-133

Cross Section -100.0 To 41.49 %



23

Incident Energy (eV)

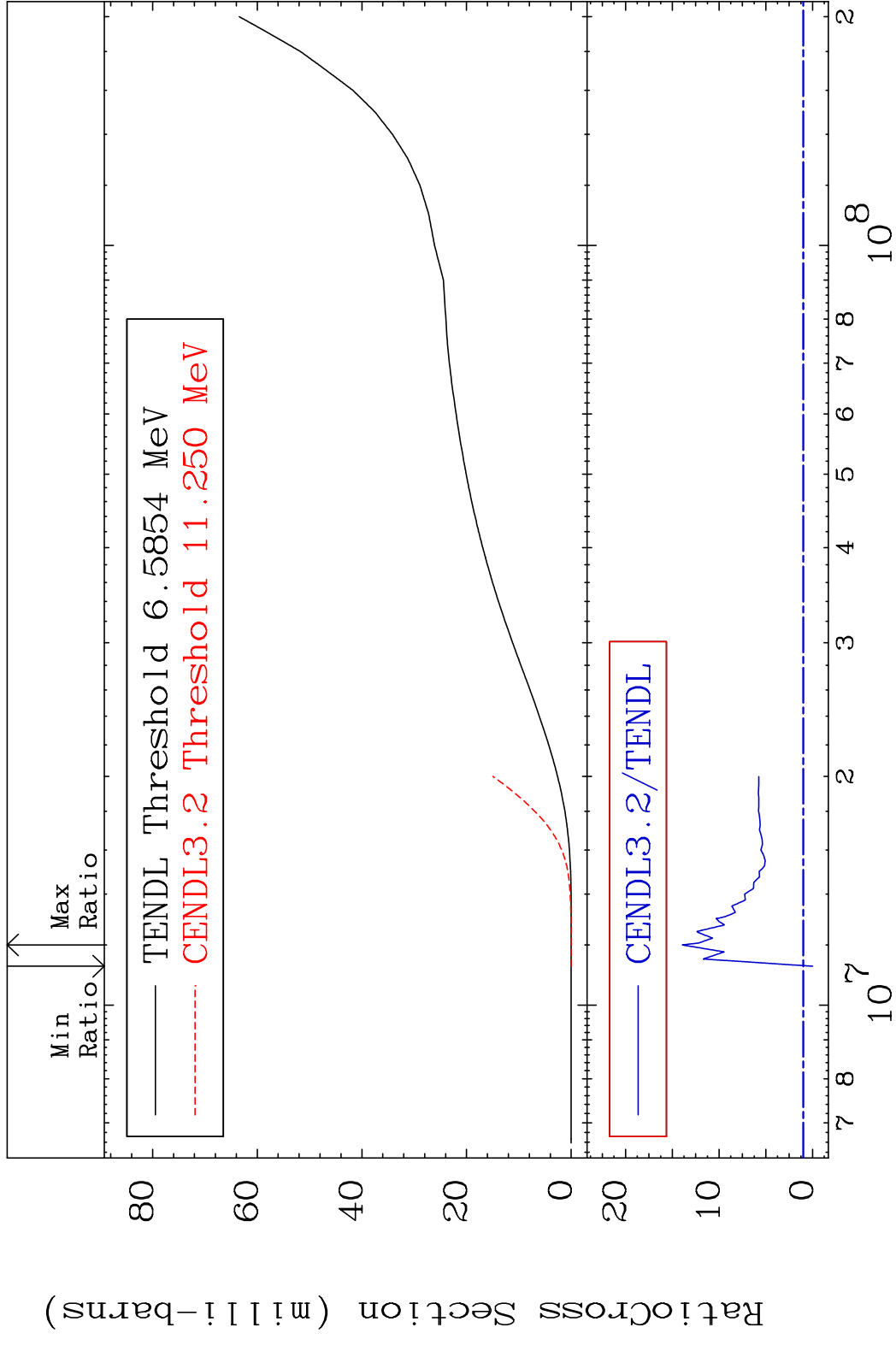
55-Cs-133



MAT 5525

Tritium Production 55-Cs-133

Cross Section -100.0 To 1293. %

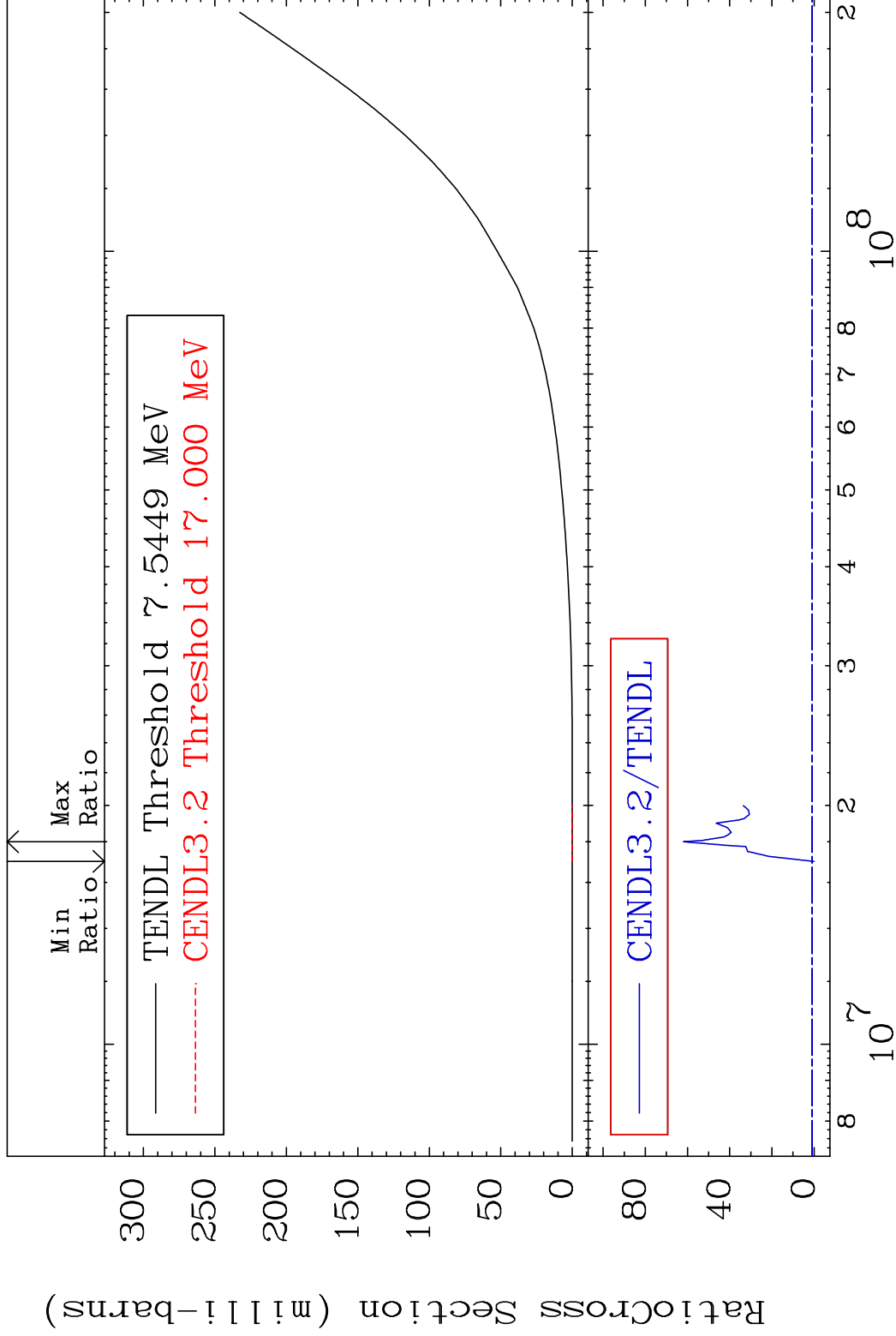


MAT 5525

He-3 Production

55-Cs-133

Cross Section -100.0 To 6083. %



25

Incident Energy (eV)

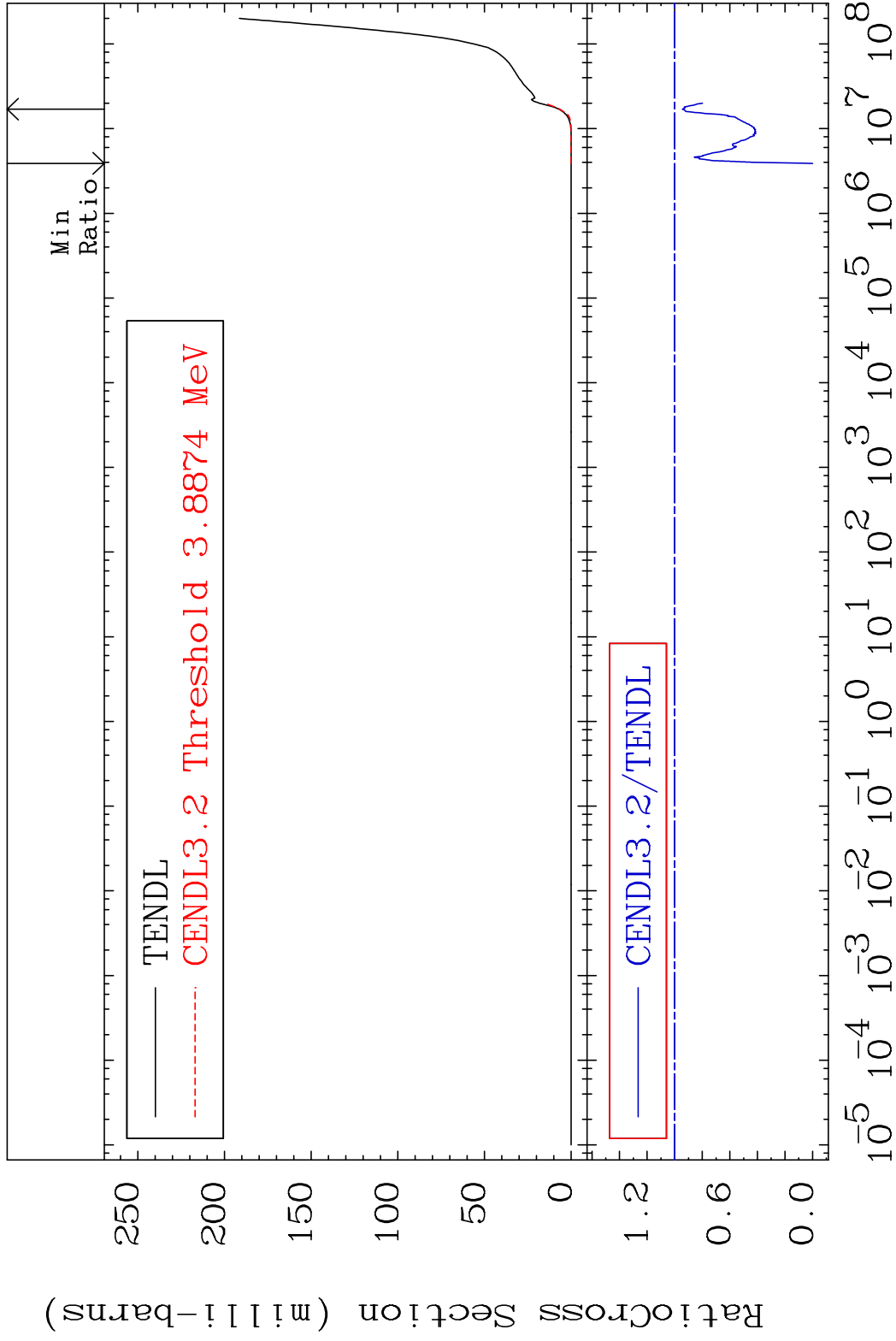
55-Cs-133

MAT 5525

He-4 Production

55-Cs-133

Cross Section -100.0 To -5.560%

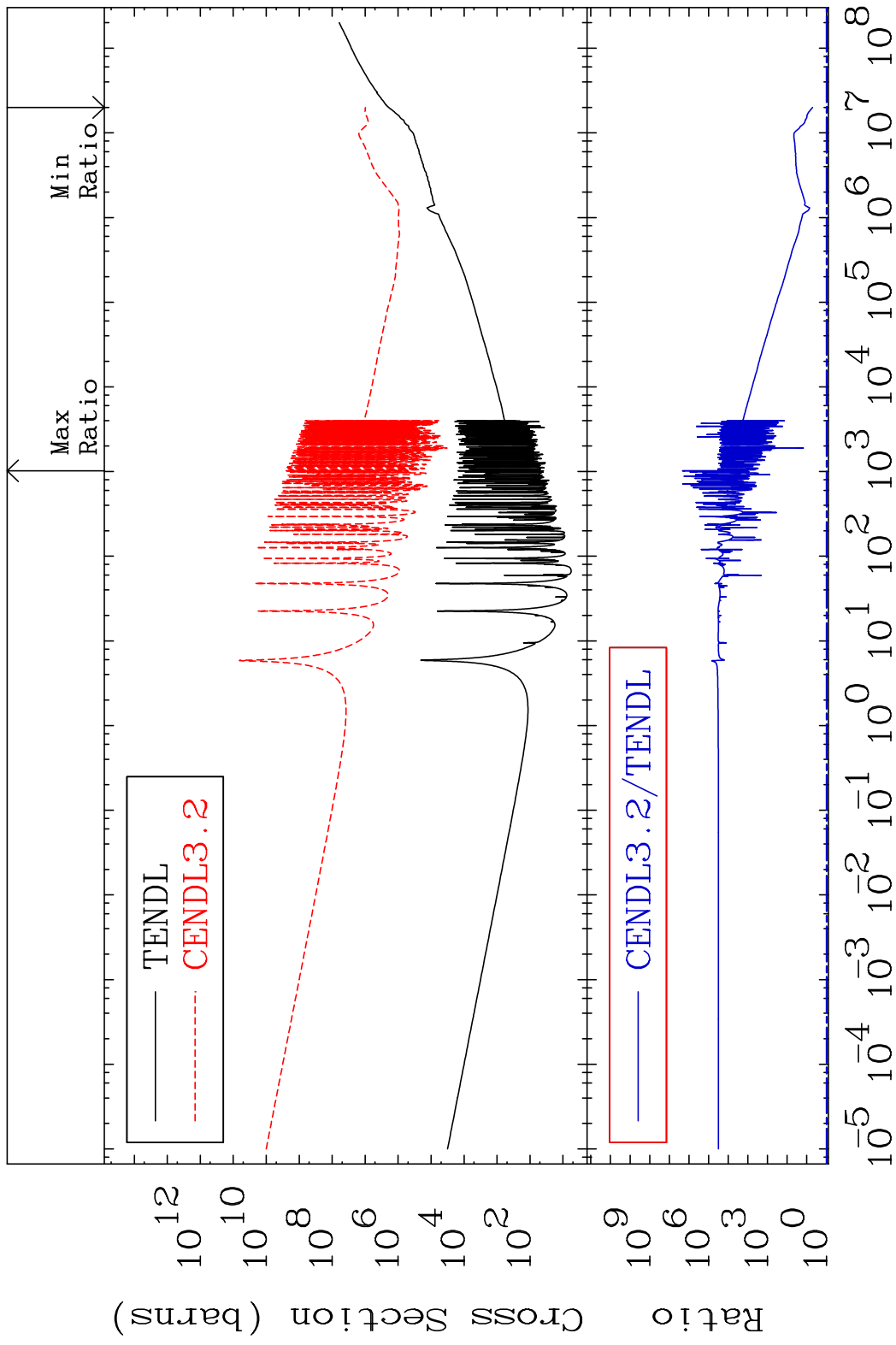


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Incident Energy (eV)

55-Cs-133

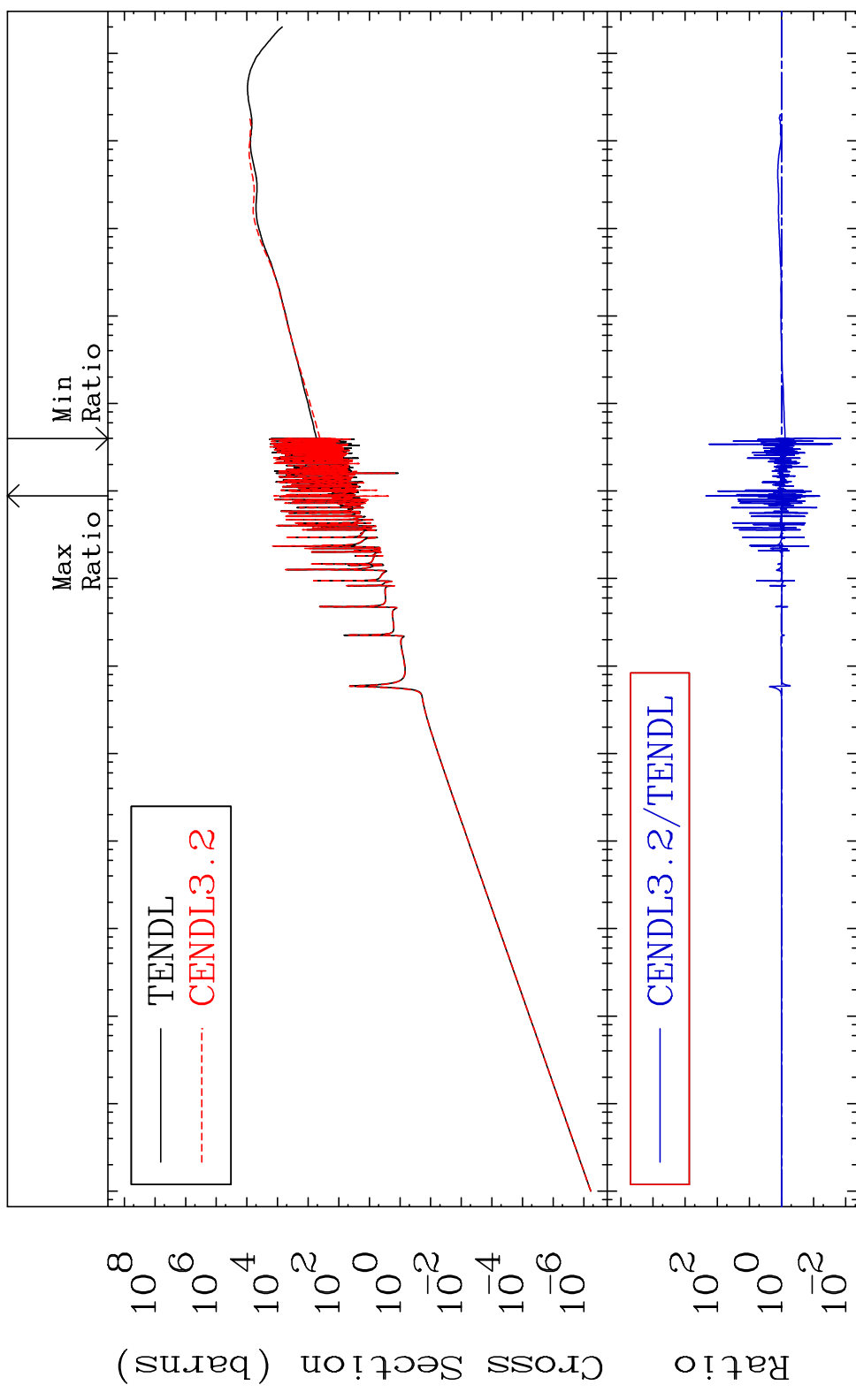
MAT 5525 Kerma total (eV-barns) 55-Cs-133  
 Cross Section 407.4 To 9999. %



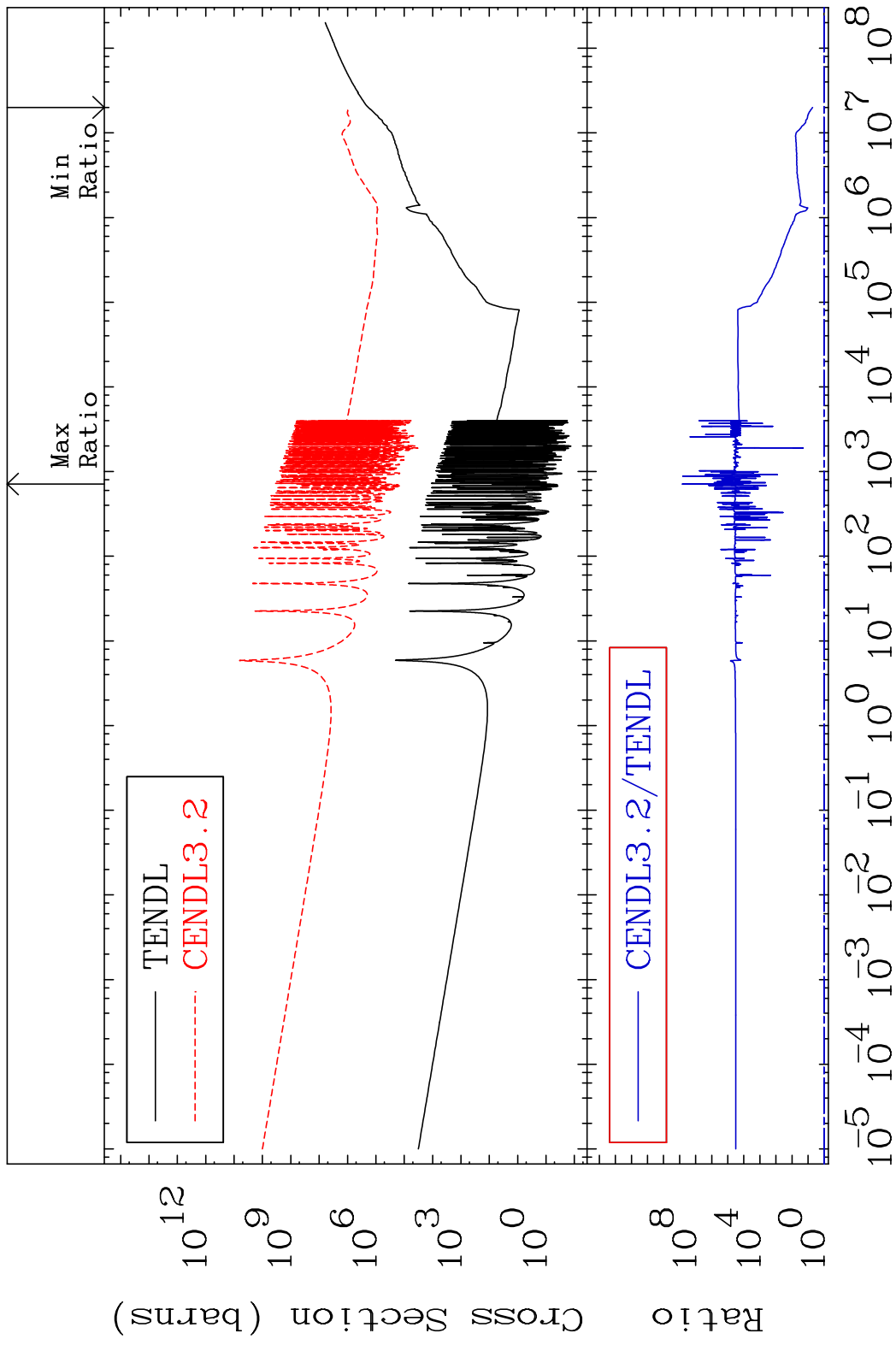
MAT 5525

Kerma elastic Cross Section -98.55 To 9999. %

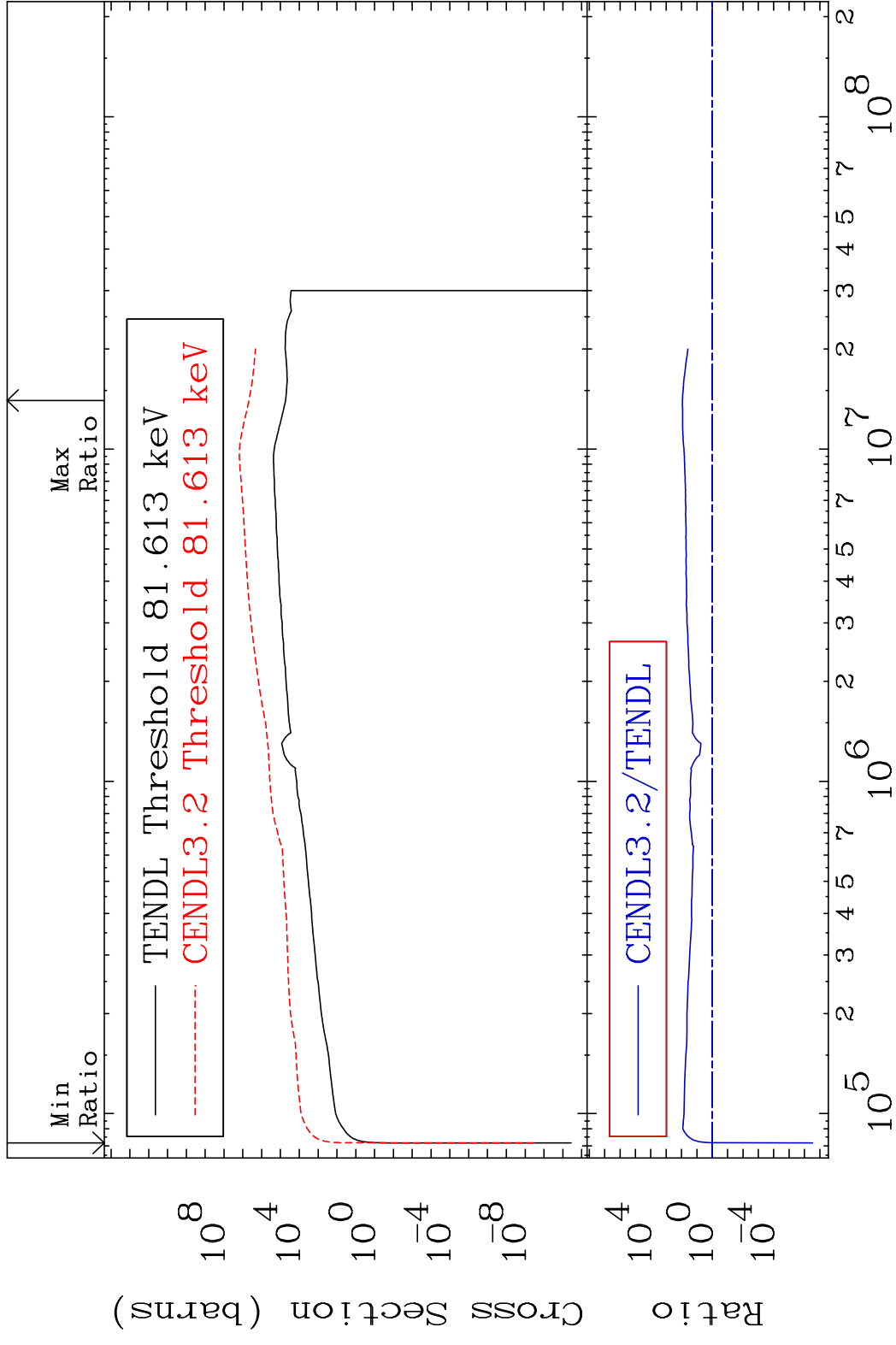
55-Cs-133



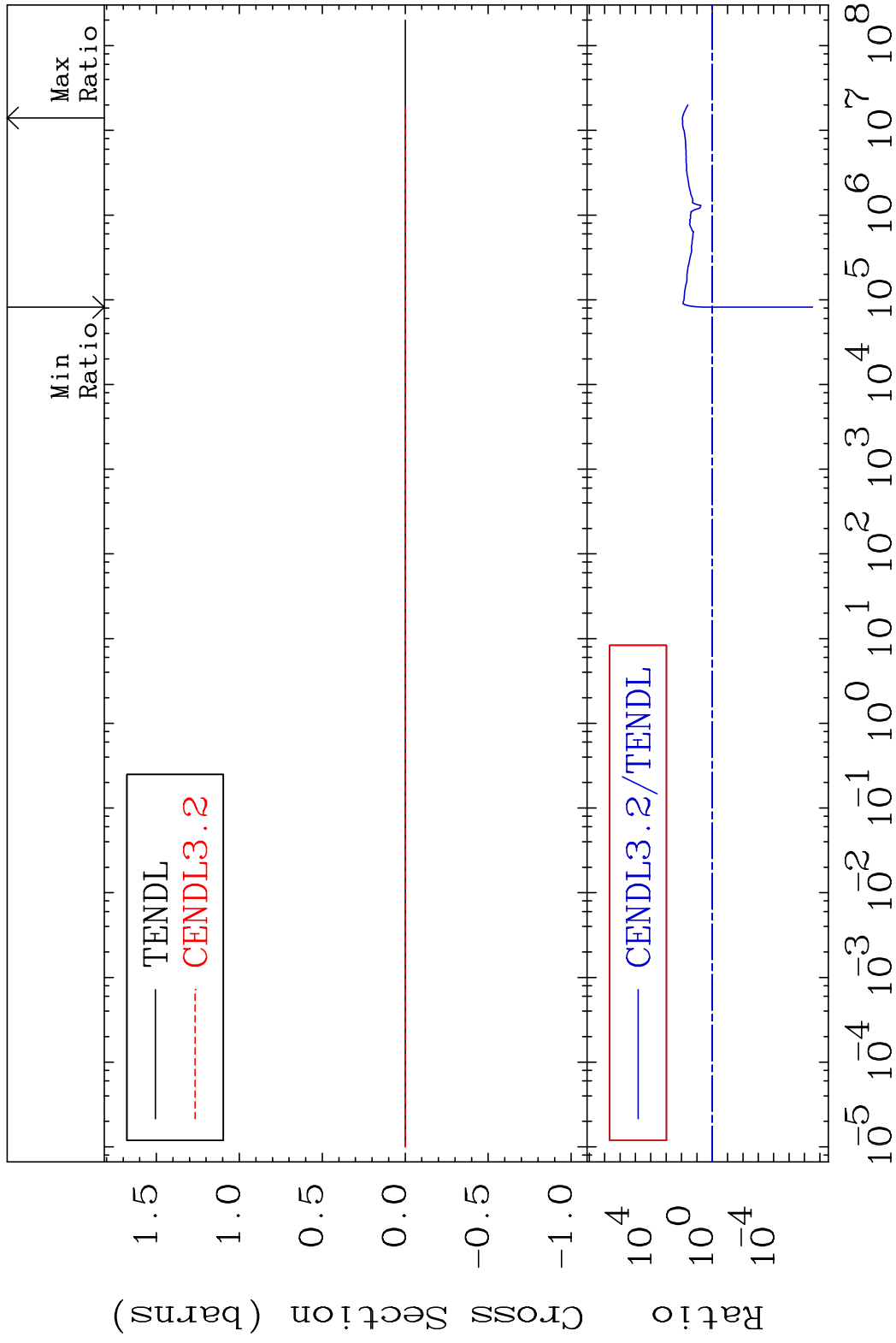
MAT 5525 Kerma non-elastic (all but mt2) 55-Cs-133  
 Cross Section 423.0 To 9999. %



MAT 5525 Kerma inelastic (mt51-91) 55-Cs-133  
 Cross Section -100.0 To 8739. %

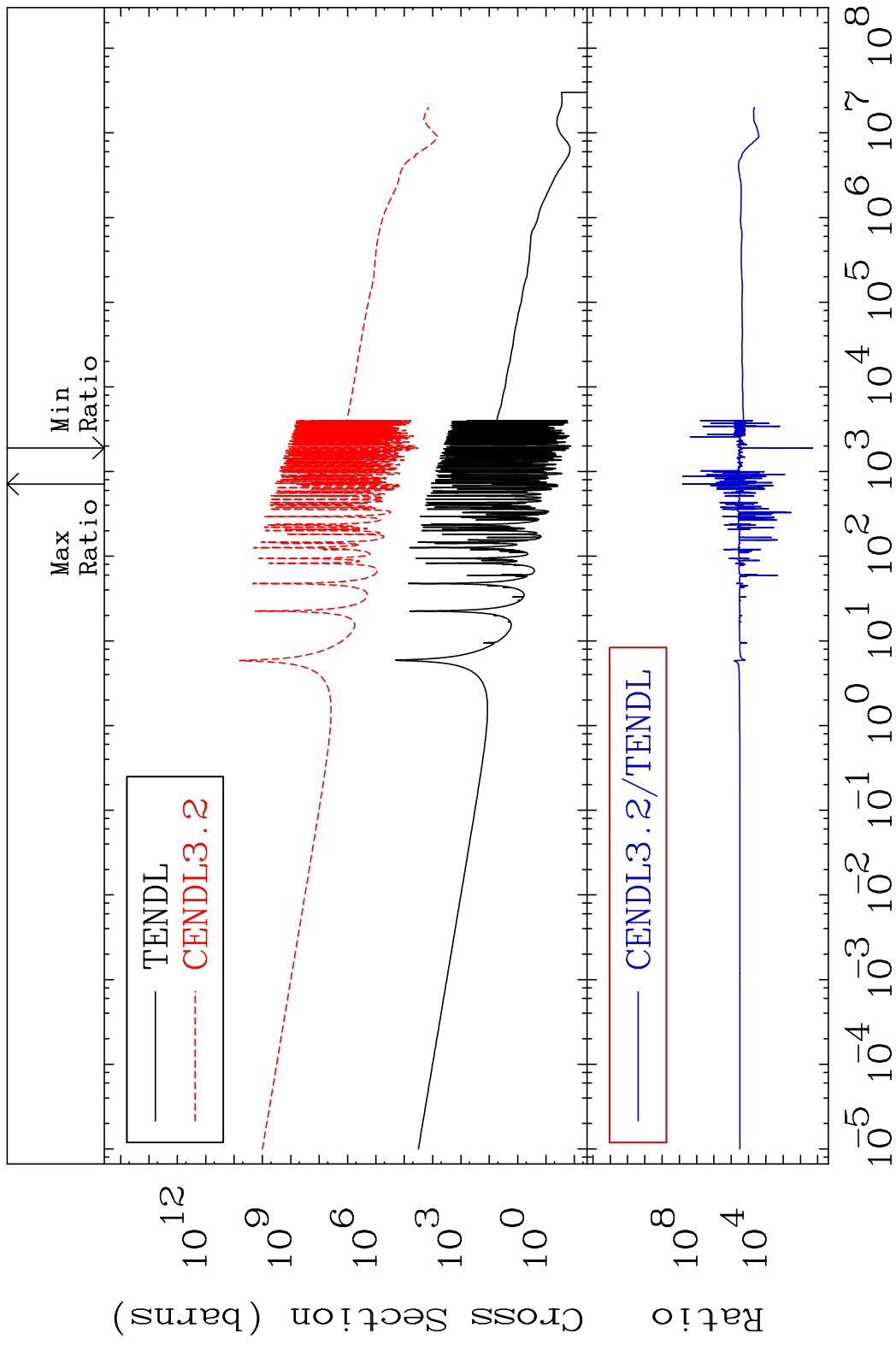


MAT 5525 Kerma fission (mt18 or mt19-20-21-38) 55-Cs-133  
 Cross Section -100.0 To 8739. %

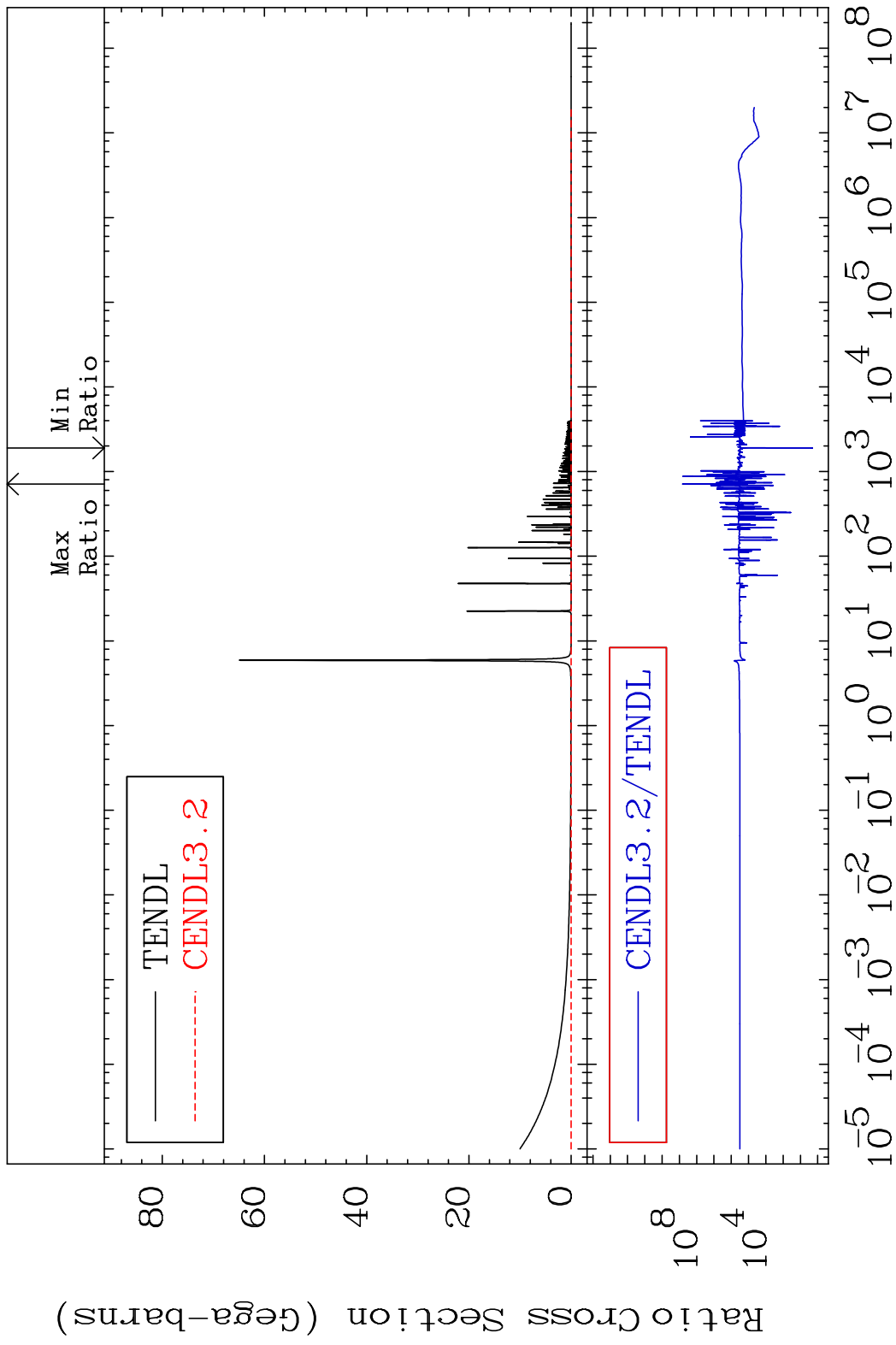




MAT 5525 Kerma capture (mt102) 55-Cs-133  
 Cross Section 1891. To 9999. %

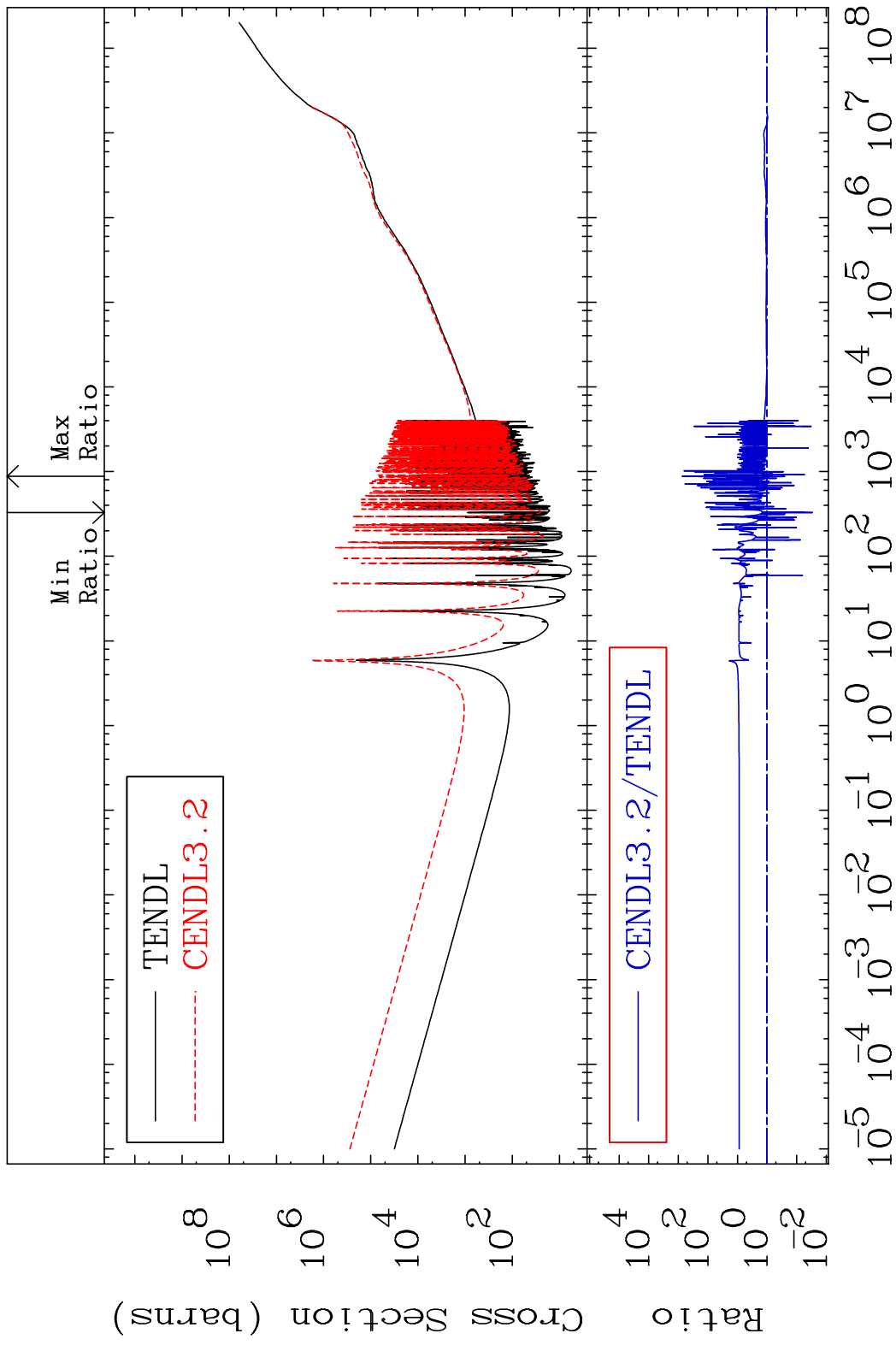


MAT 5525 Total photon (eV-barns) 55-Cs-133  
 Cross Section 1891. To 9999. %



33 Incident Energy (eV) 55-Cs-133

MAT 5525 Total kinematic kerma (high limit) 55-Cs-133  
 Cross Section -97.10 To 9999. %

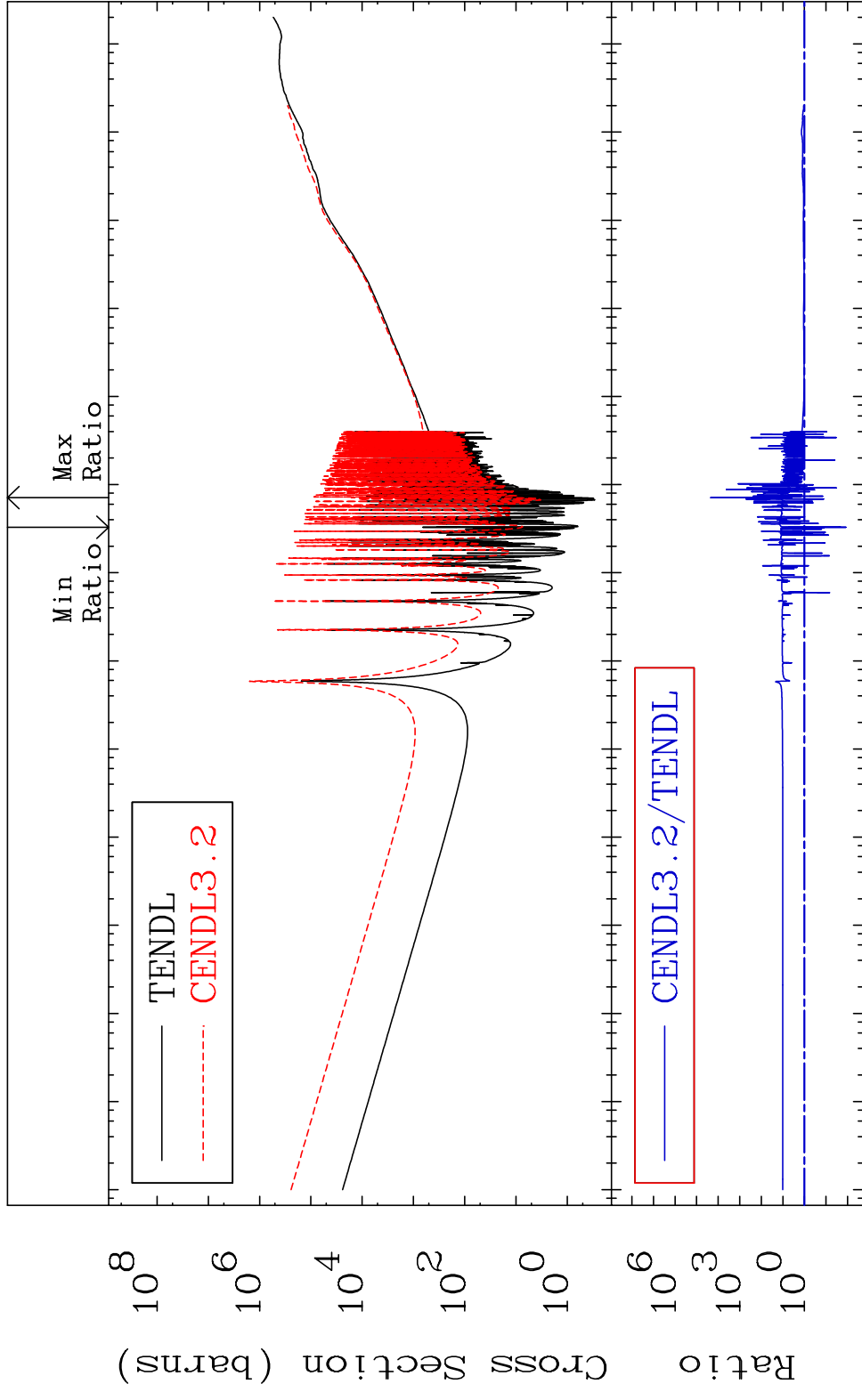


MAT 5525

Dpa total (eV-barns)

55-Cs-133

Cross Section -98.85 To 9999. %



35

Incident Energy (eV)

55-Cs-133

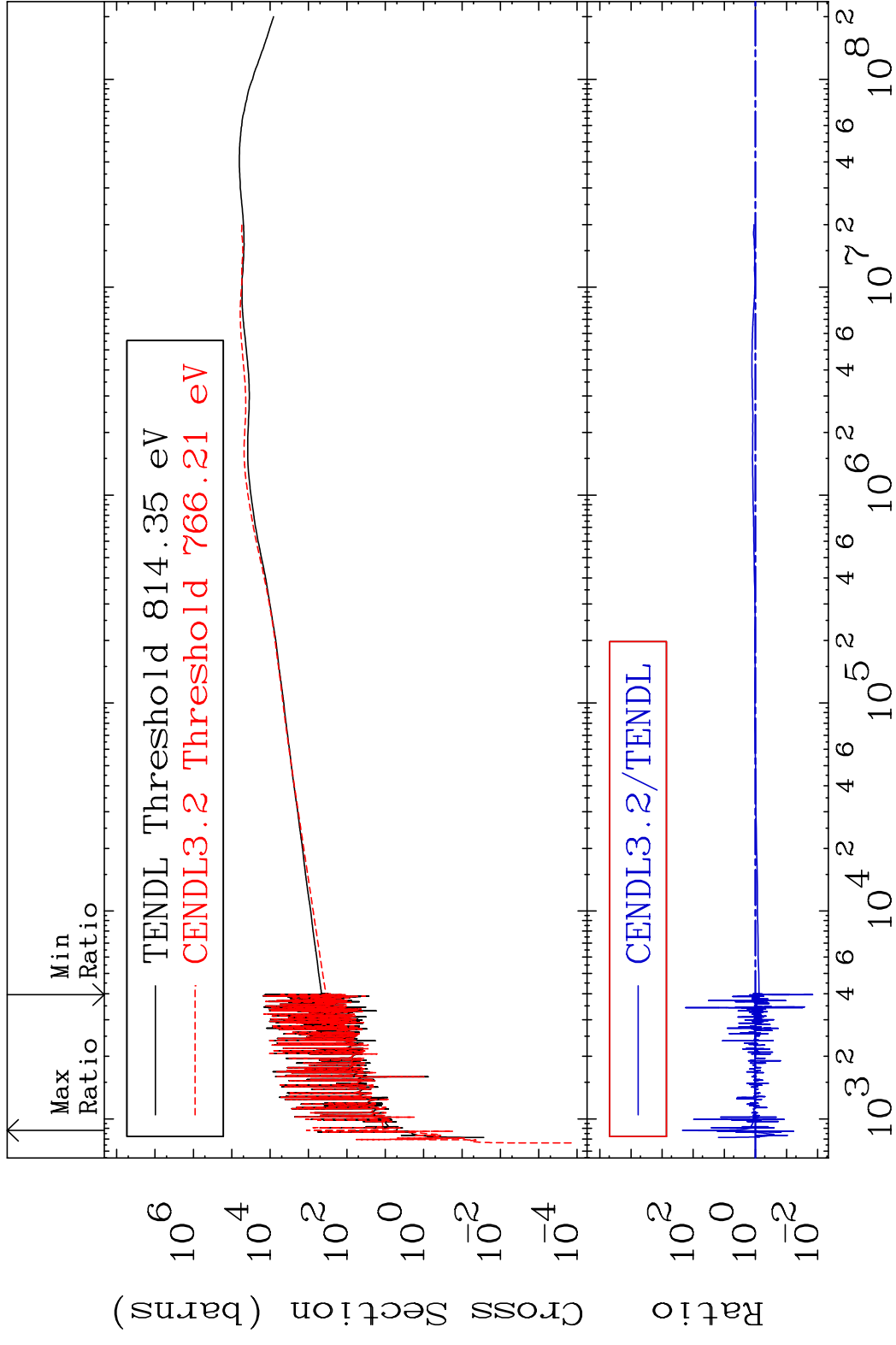
MAT 5525

Dpa elastic (mt2)

55-Cs-133

Cross Section

-98.54 To 9999. %

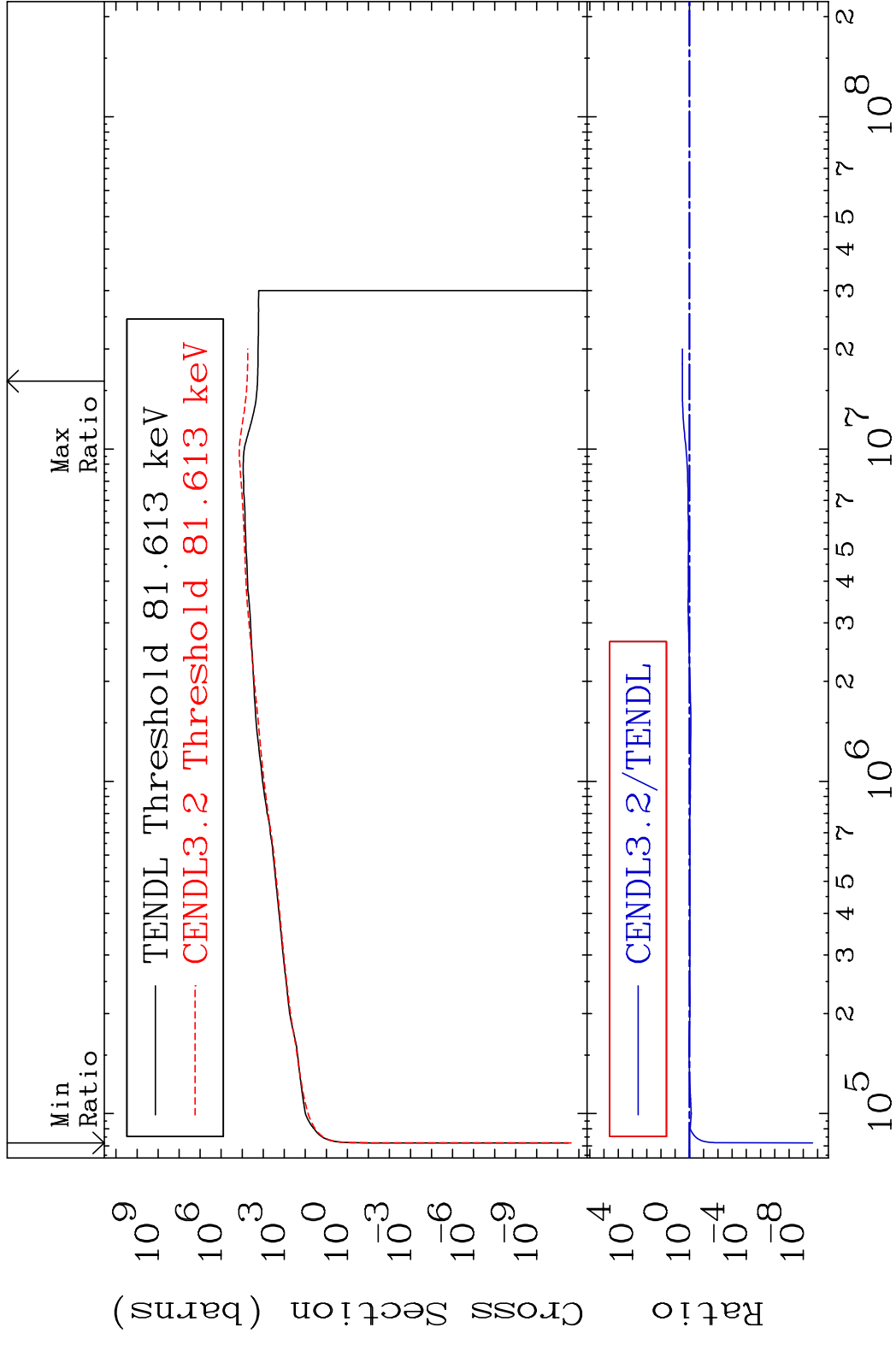


36

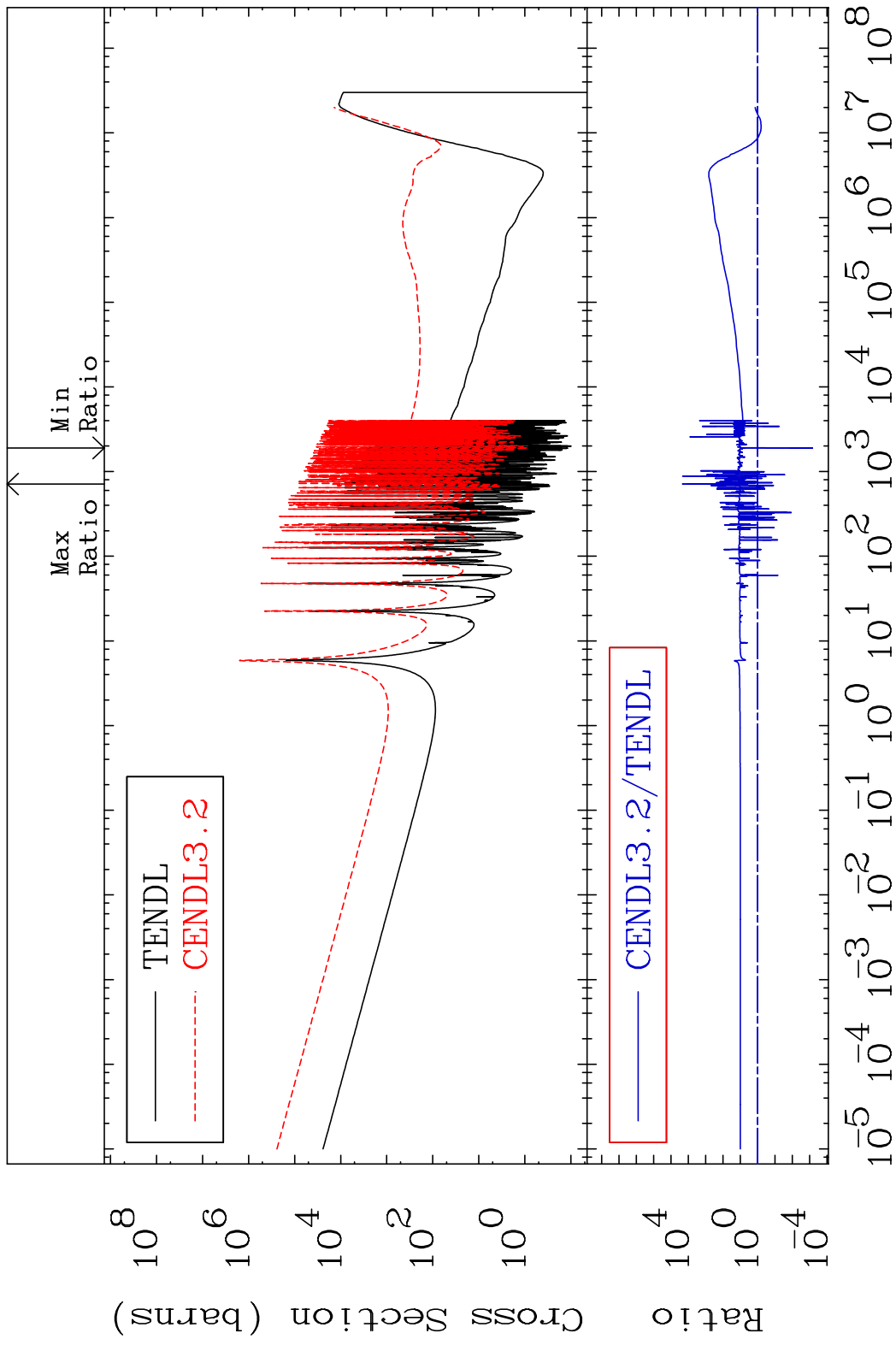
Incident Energy (eV)

55-Cs-133

MAT 5525 Dpa inelastic (mt51-91) 55-Cs-133  
 Cross Section -100.0 To 213.2 %



MAT 5525 Dpa disappearance (mt102 -120) 55-Cs-133  
 Cross Section -99.93 To 9999. %

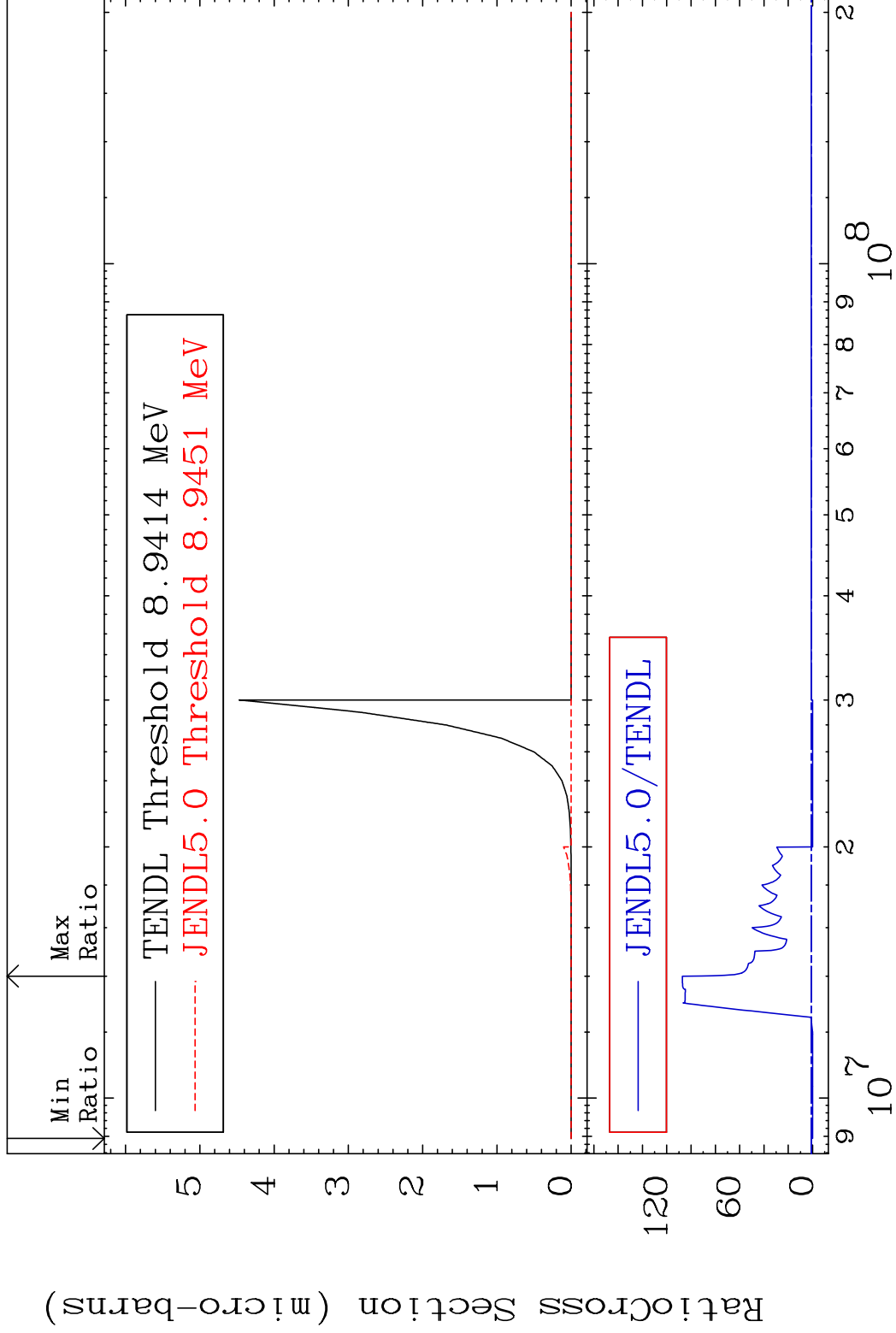


MAT 5525

(n,2p)

55-Cs-133

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

55-Cs-133

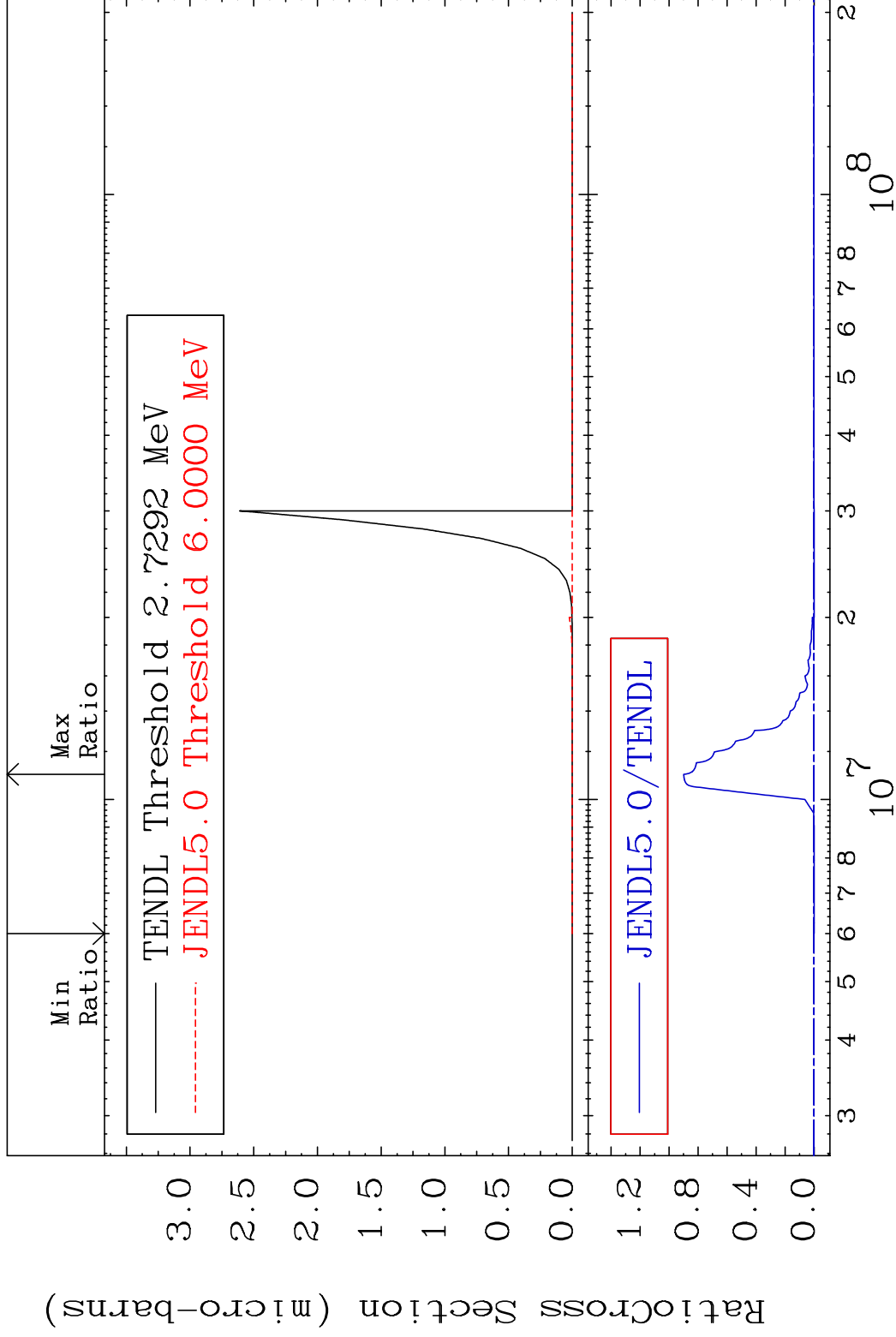


MAT 5525

(n,p)  $\alpha$

55-Cs-133

Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

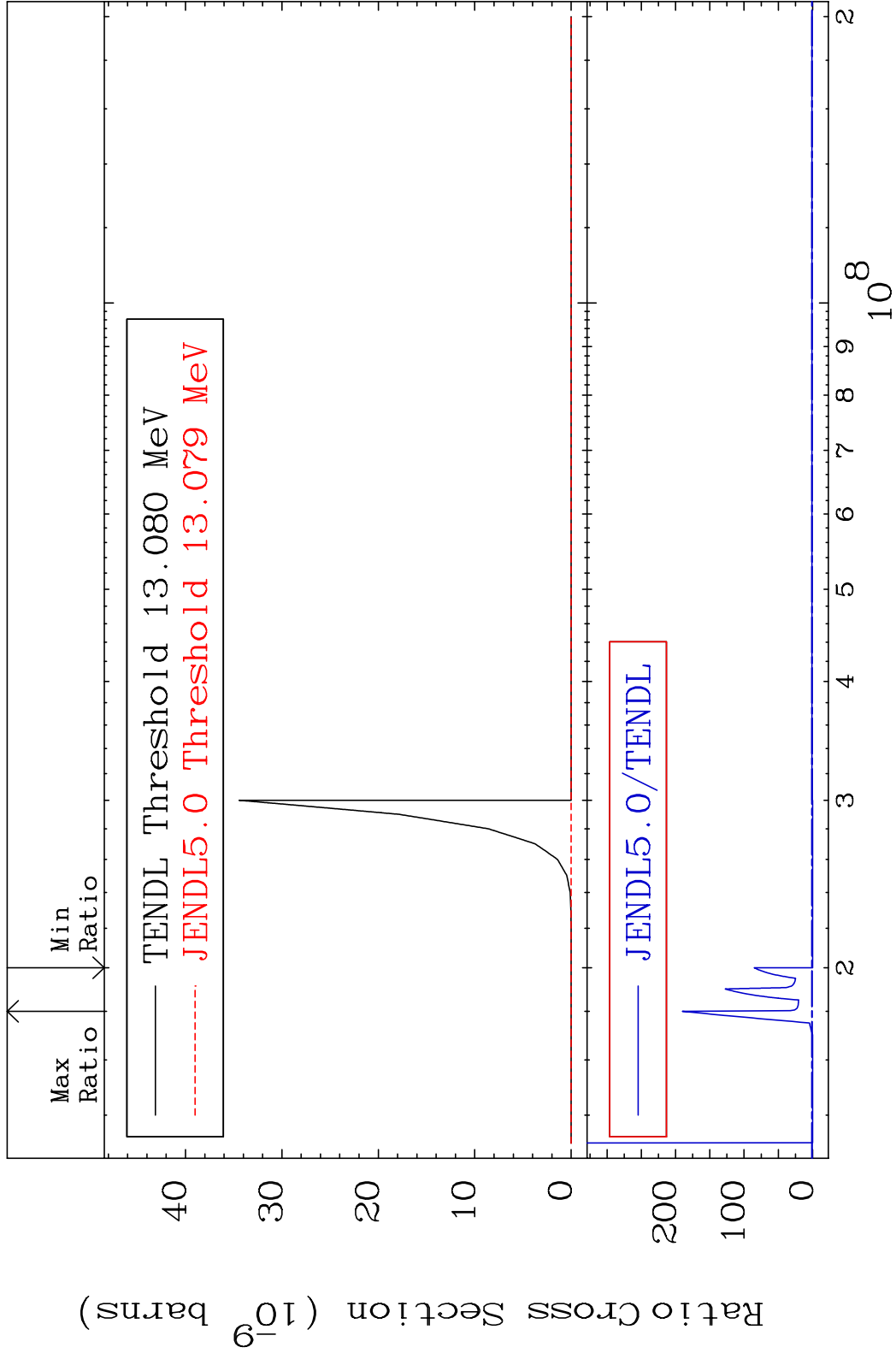
55-Cs-133

MAT 5525

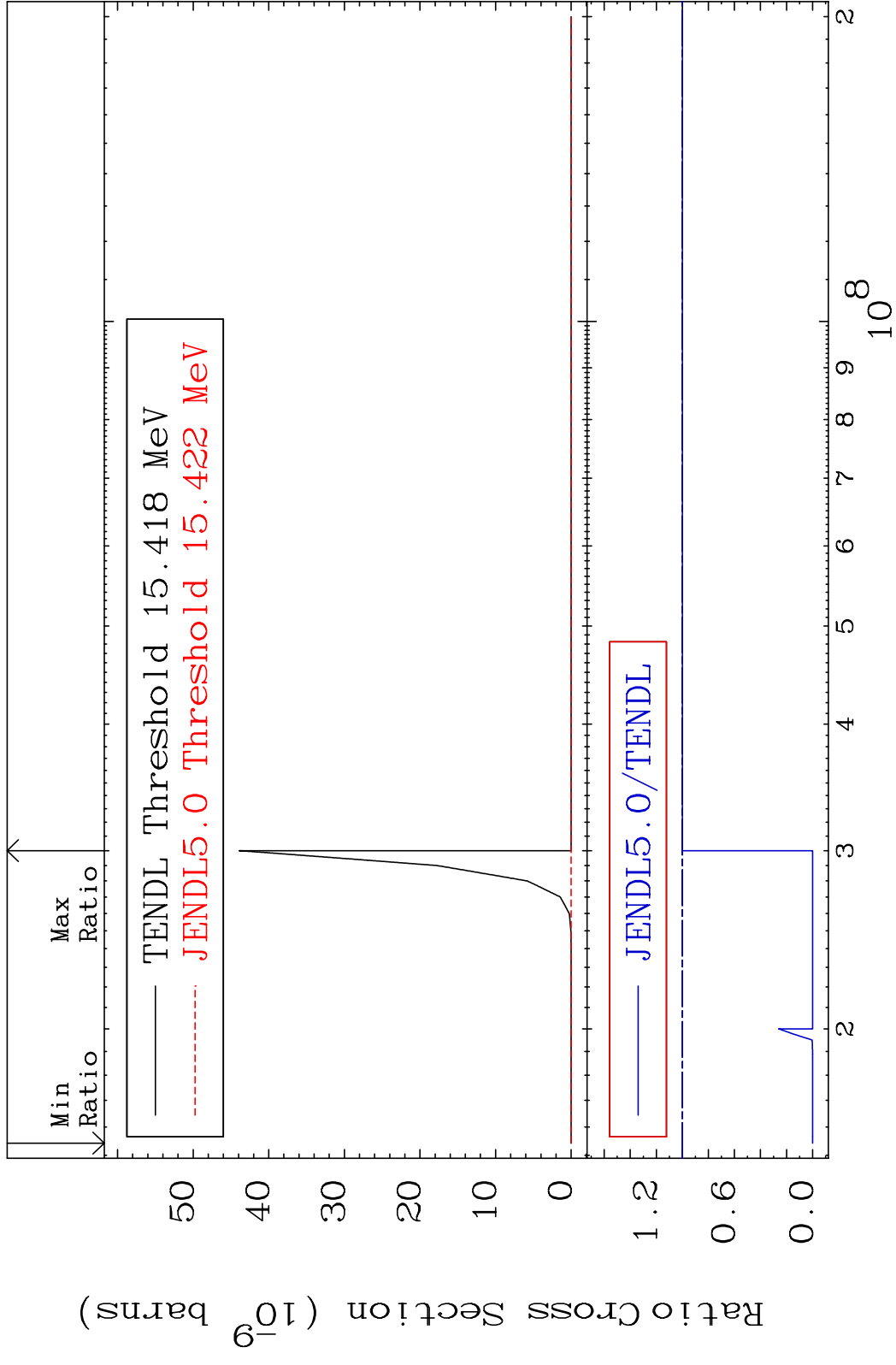
(n,p) d

55-Cs-133

Cross Section -100.0 To 9999. %



MAT 5525 (n,p) t 55-Cs-133  
 Cross Section -100.0 To 0.000 %

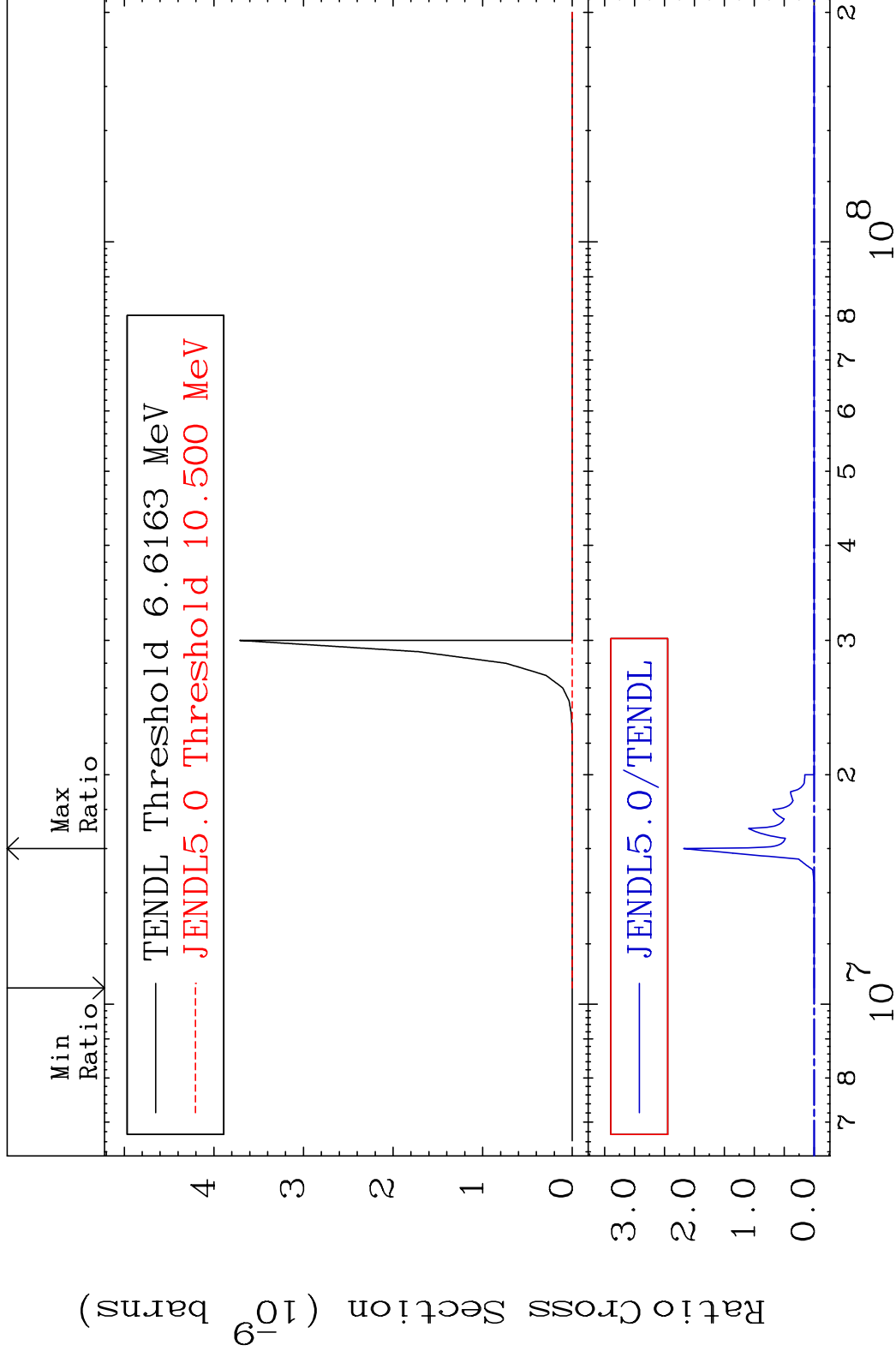


MAT 5525

(n,d)  $\alpha$

55-Cs-133

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

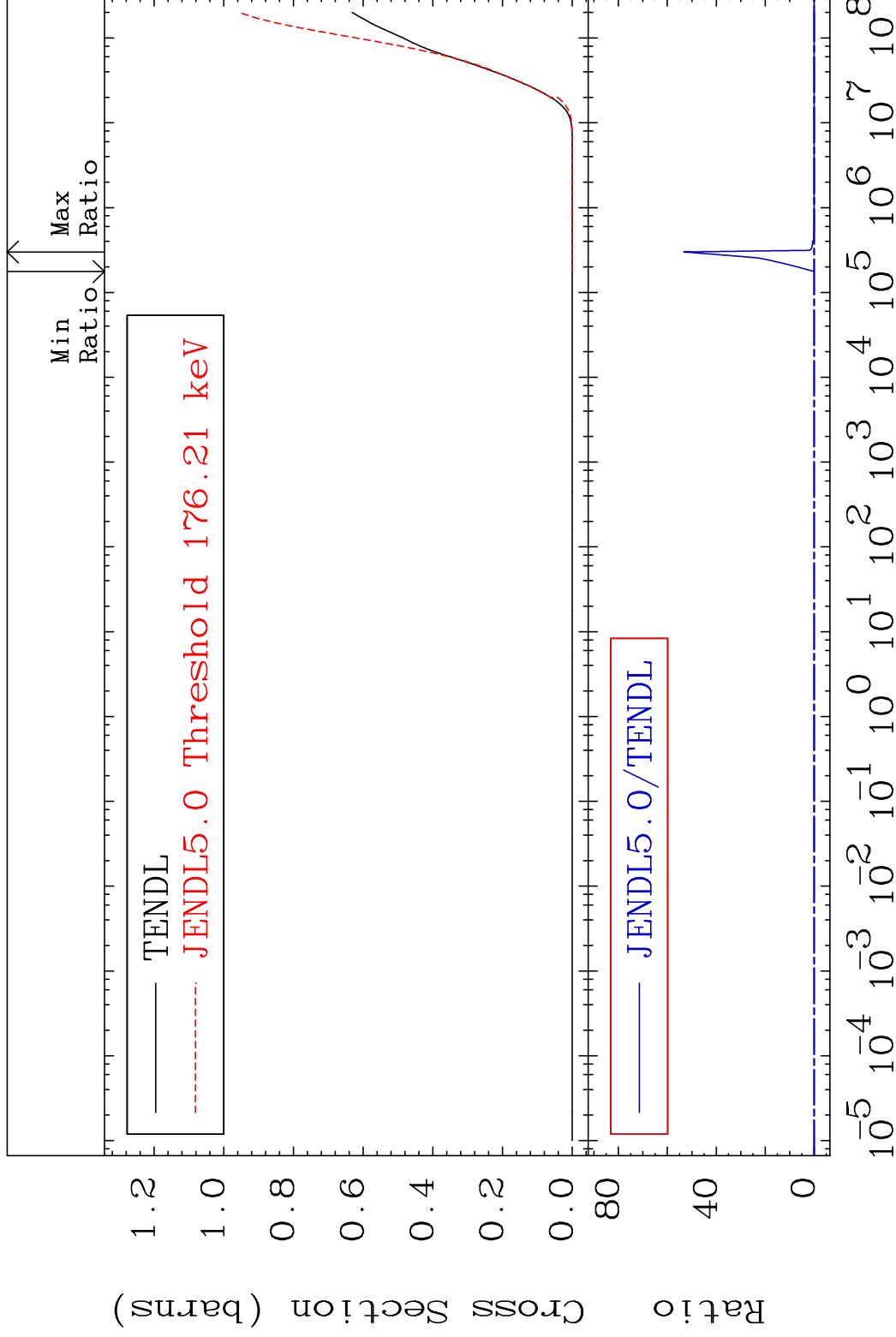
55-Cs-133

MAT 5525

Hydrogen Production

55-Cs-133

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

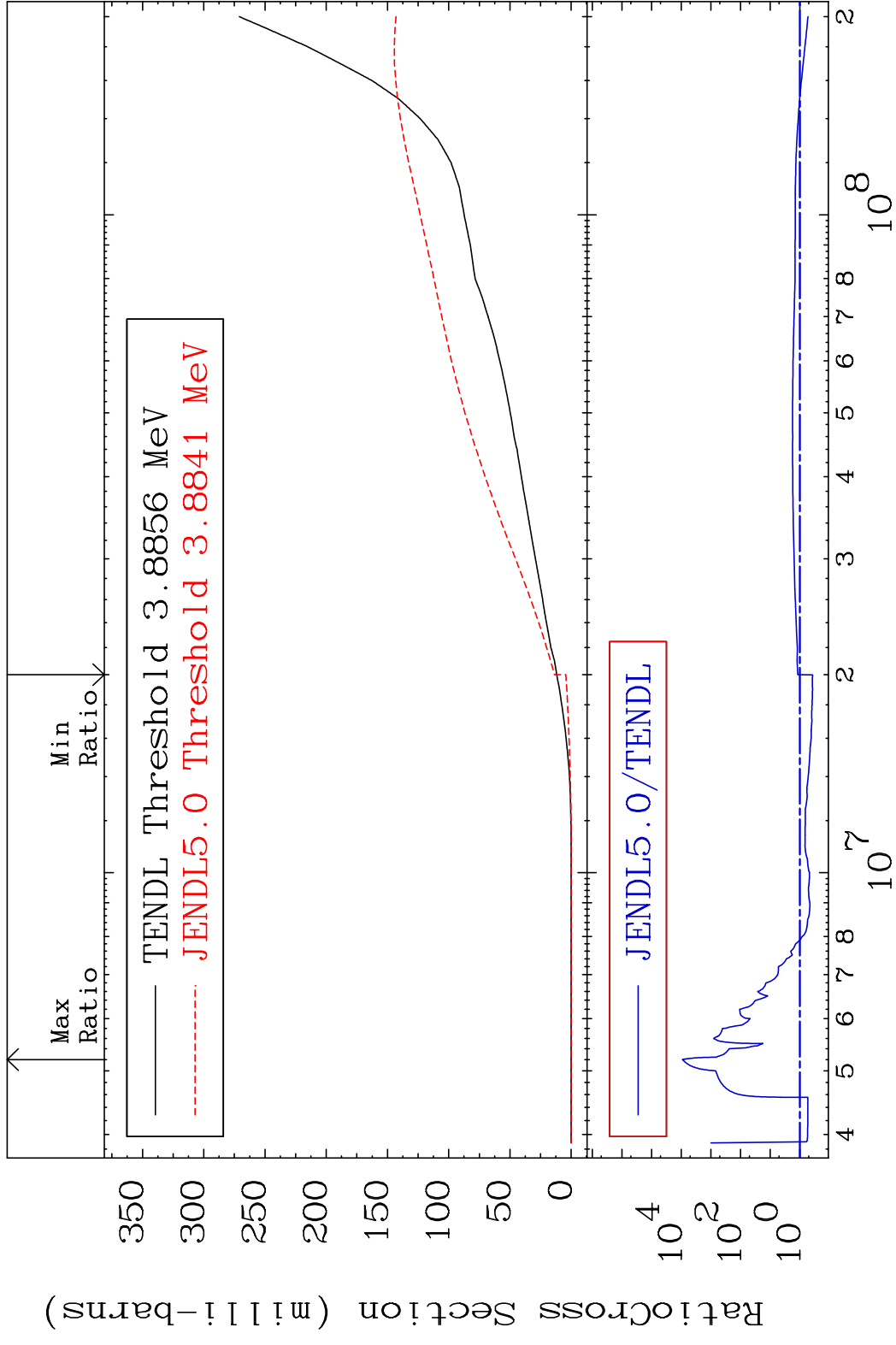
55-Cs-133

MAT 5525

Deuterium Production

55-Cs-133

Cross Section -63.04 To 9999. %

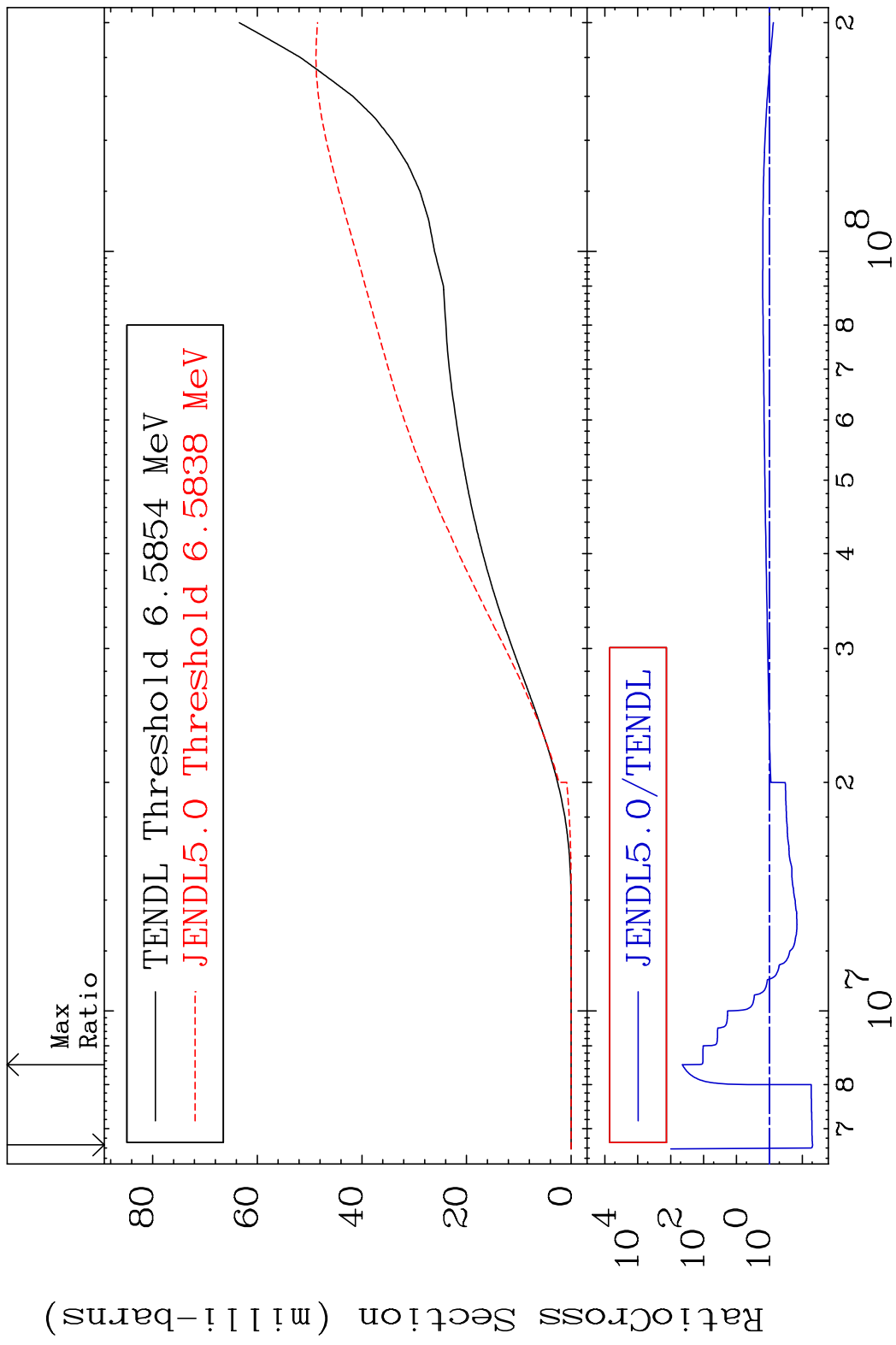


45

Incident Energy (eV)

55-Cs-133

MAT 5525 Tritium Production 55-Cs-133  
 Cross Section -95.10 To 9999. %

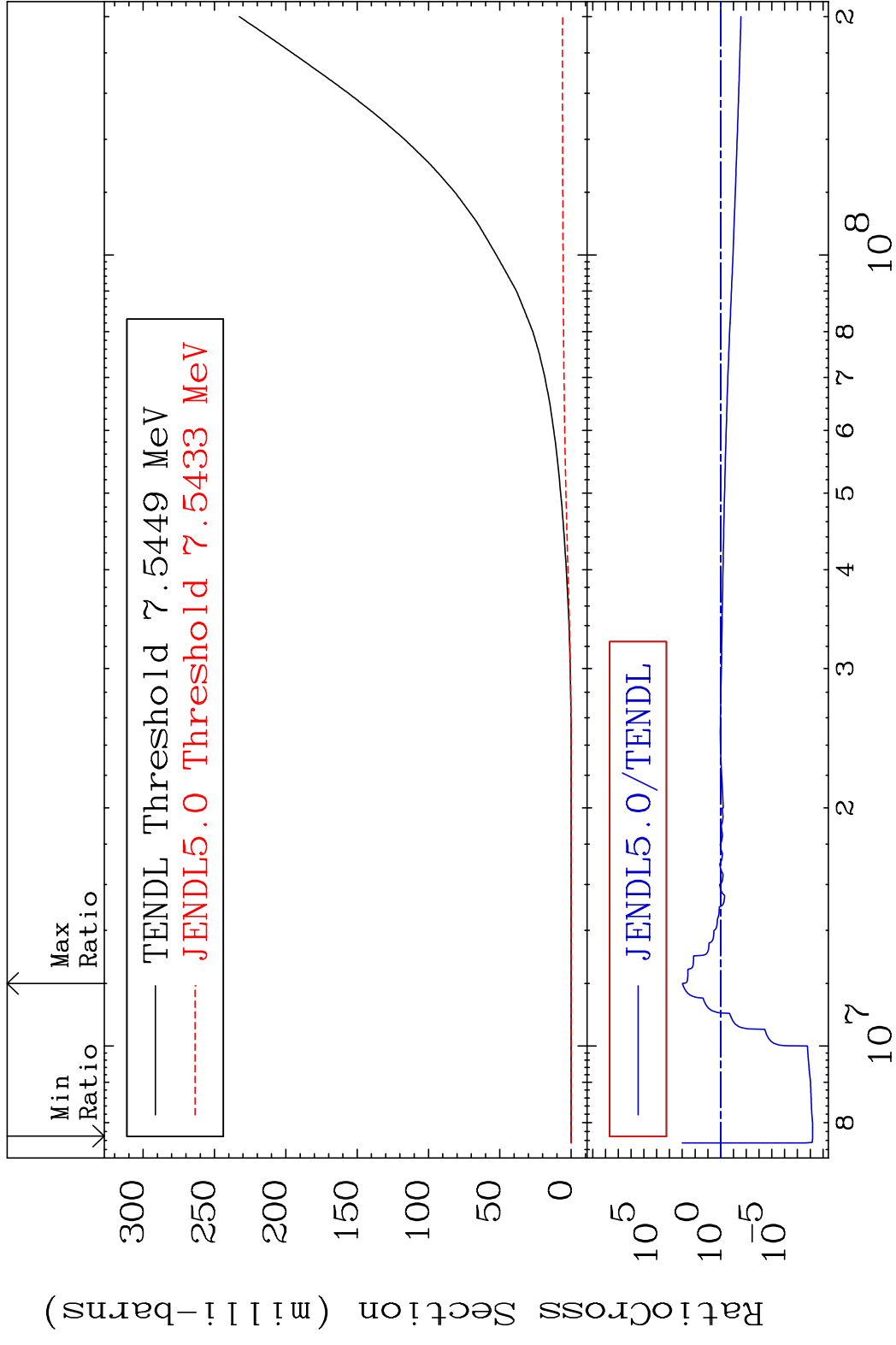


MAT 5525

He-3 Production

55-Cs-133

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

55-Cs-133

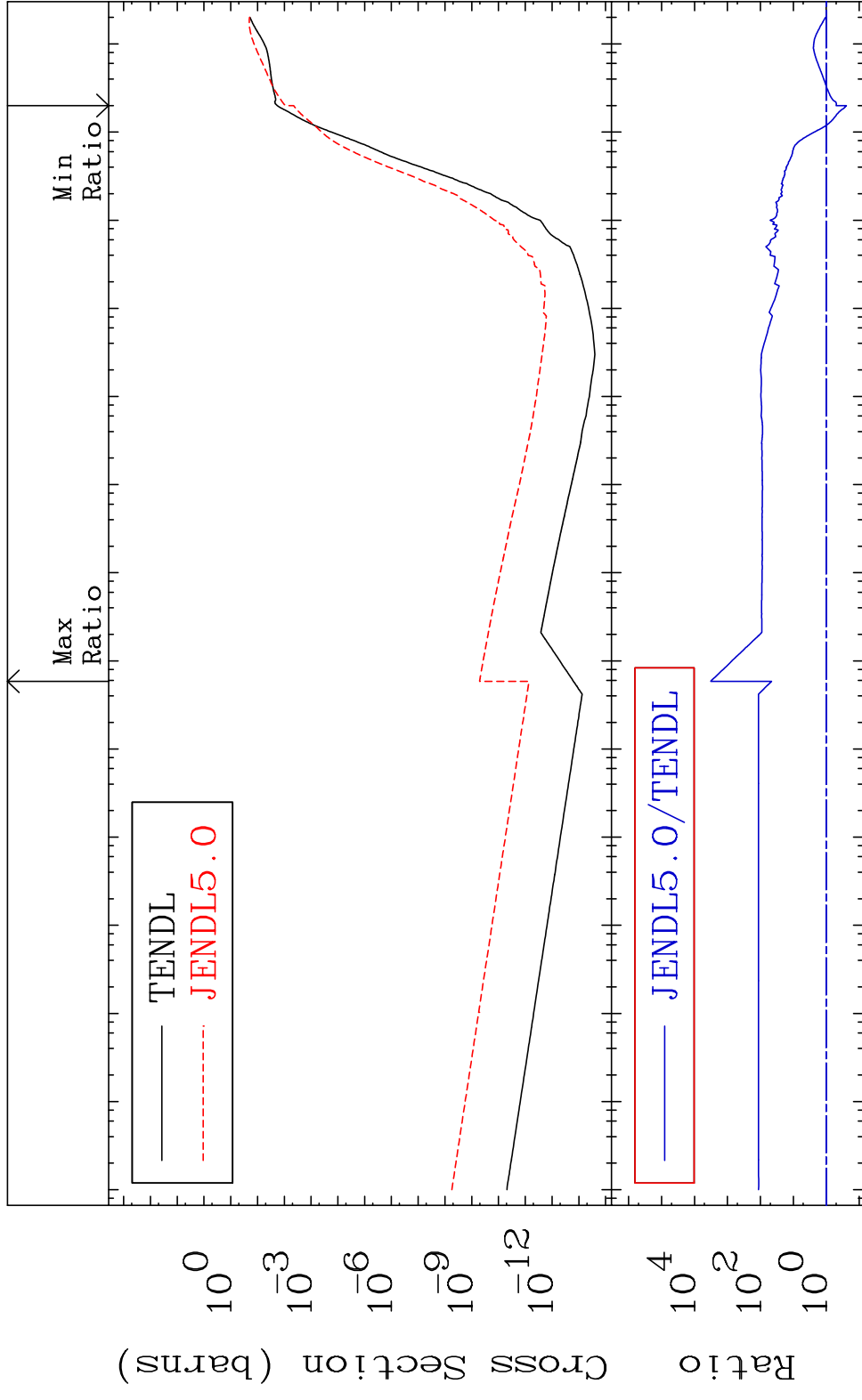


MAT 5525

He-4 Production

55-Cs-133

Cross Section -75.41 To 9999. %

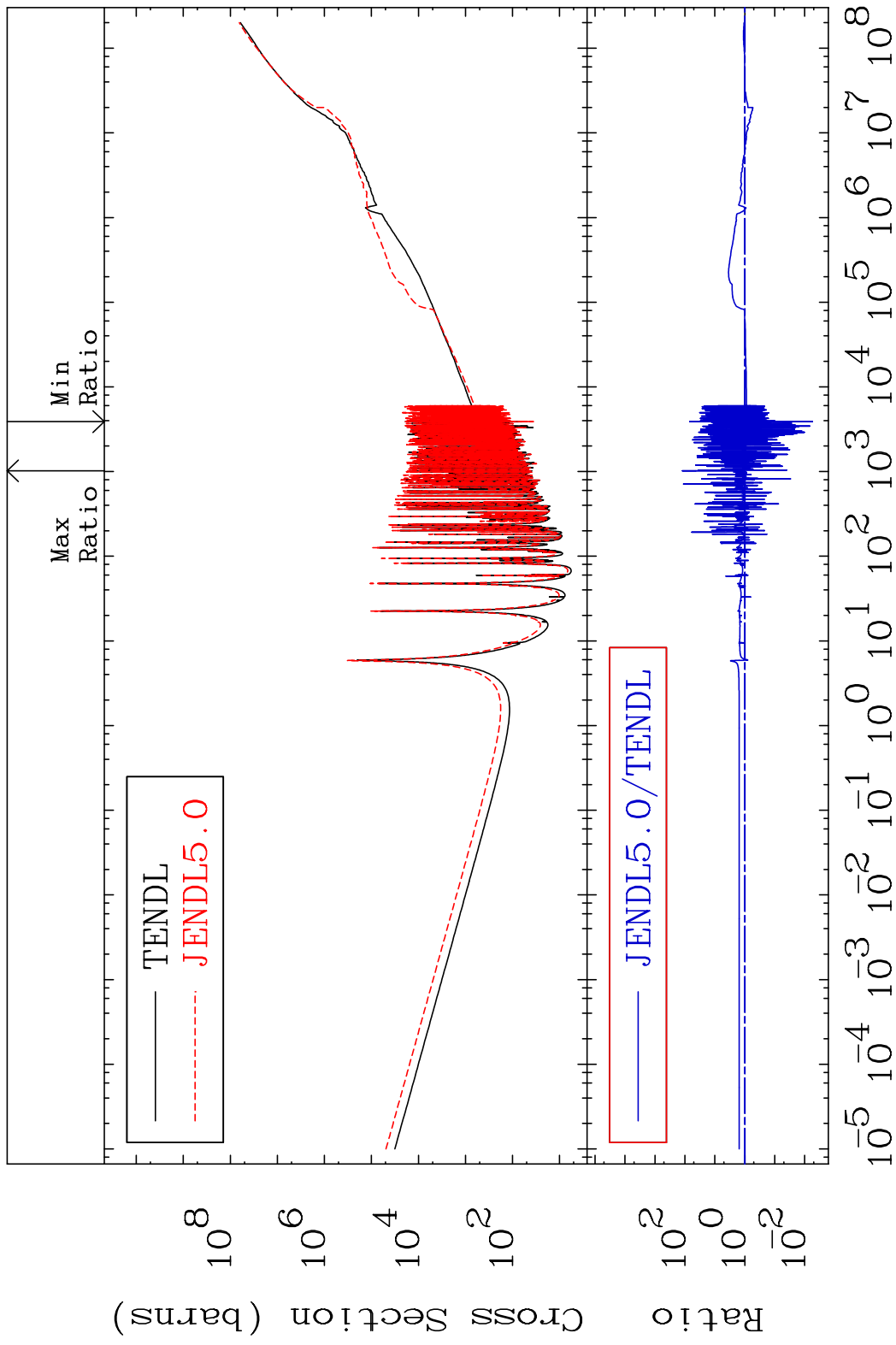


48

Incident Energy (eV)

55-Cs-133

MAT 5525 Kerma total (eV-barns) 55-Cs-133  
 Cross Section -99.45 To 9999. %

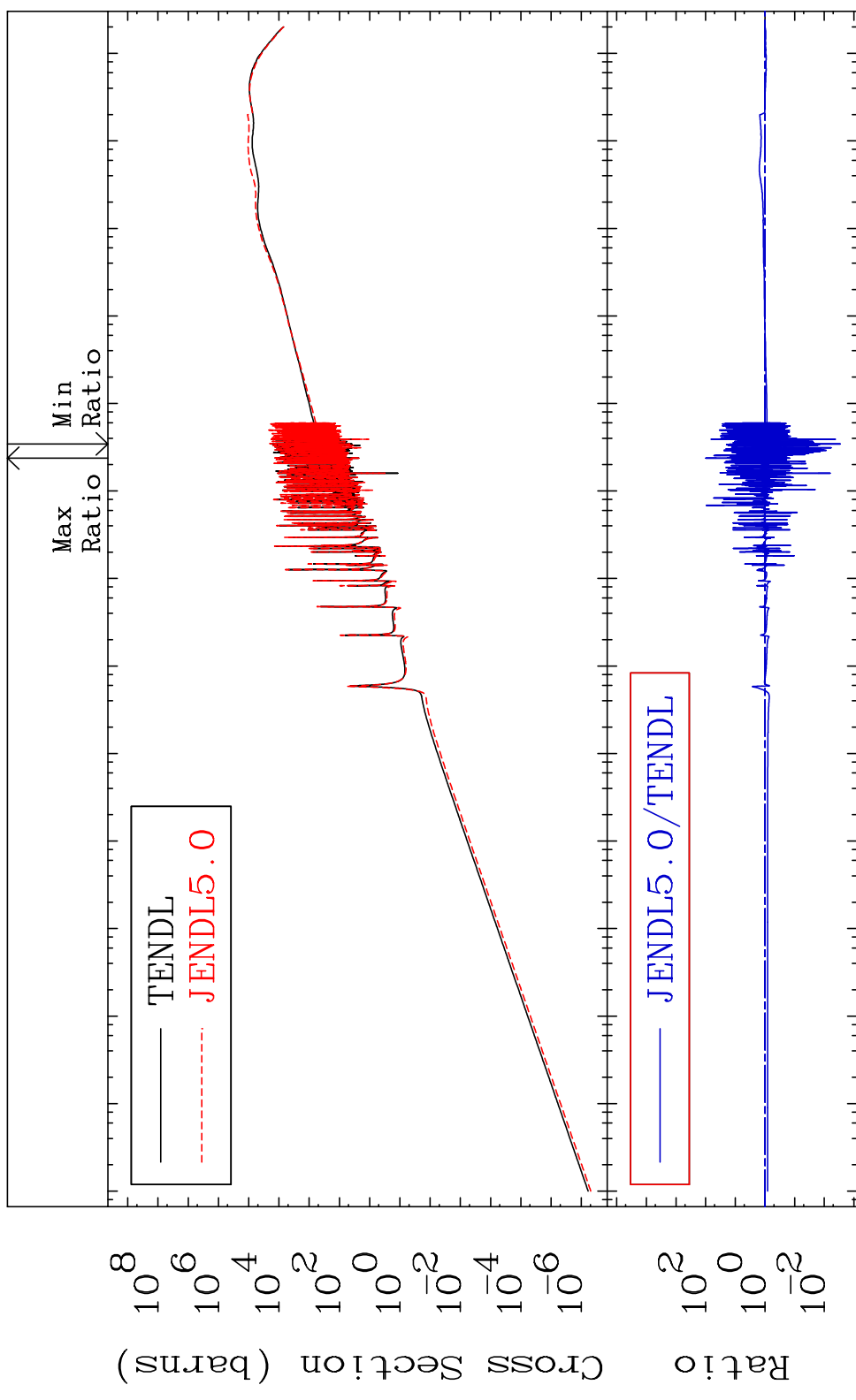


49 Incident Energy (eV) 55-Cs-133

MAT 5525

Kerma elastic Cross Section -99.71 To 9829. %

55-Cs-133

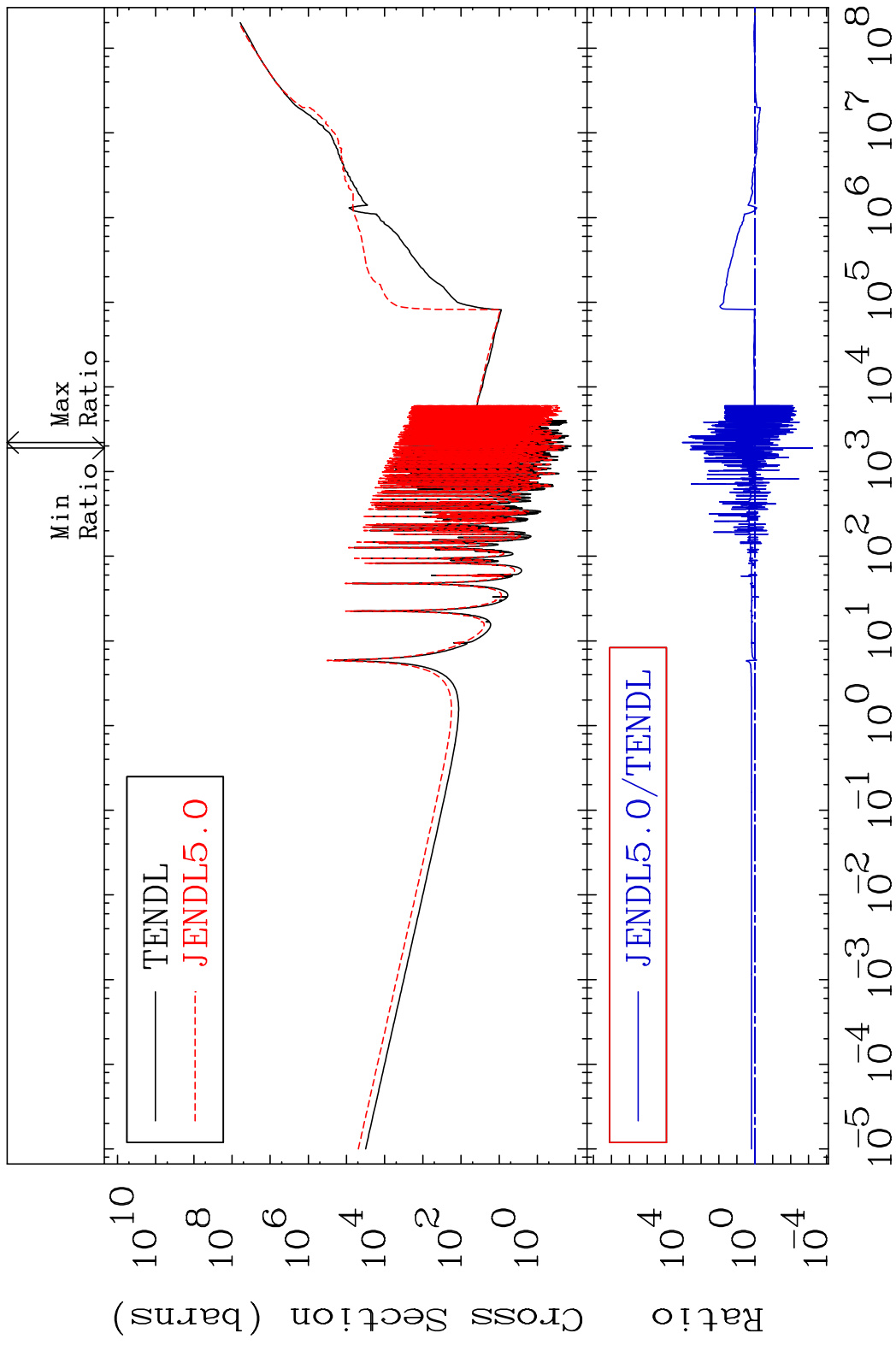


50

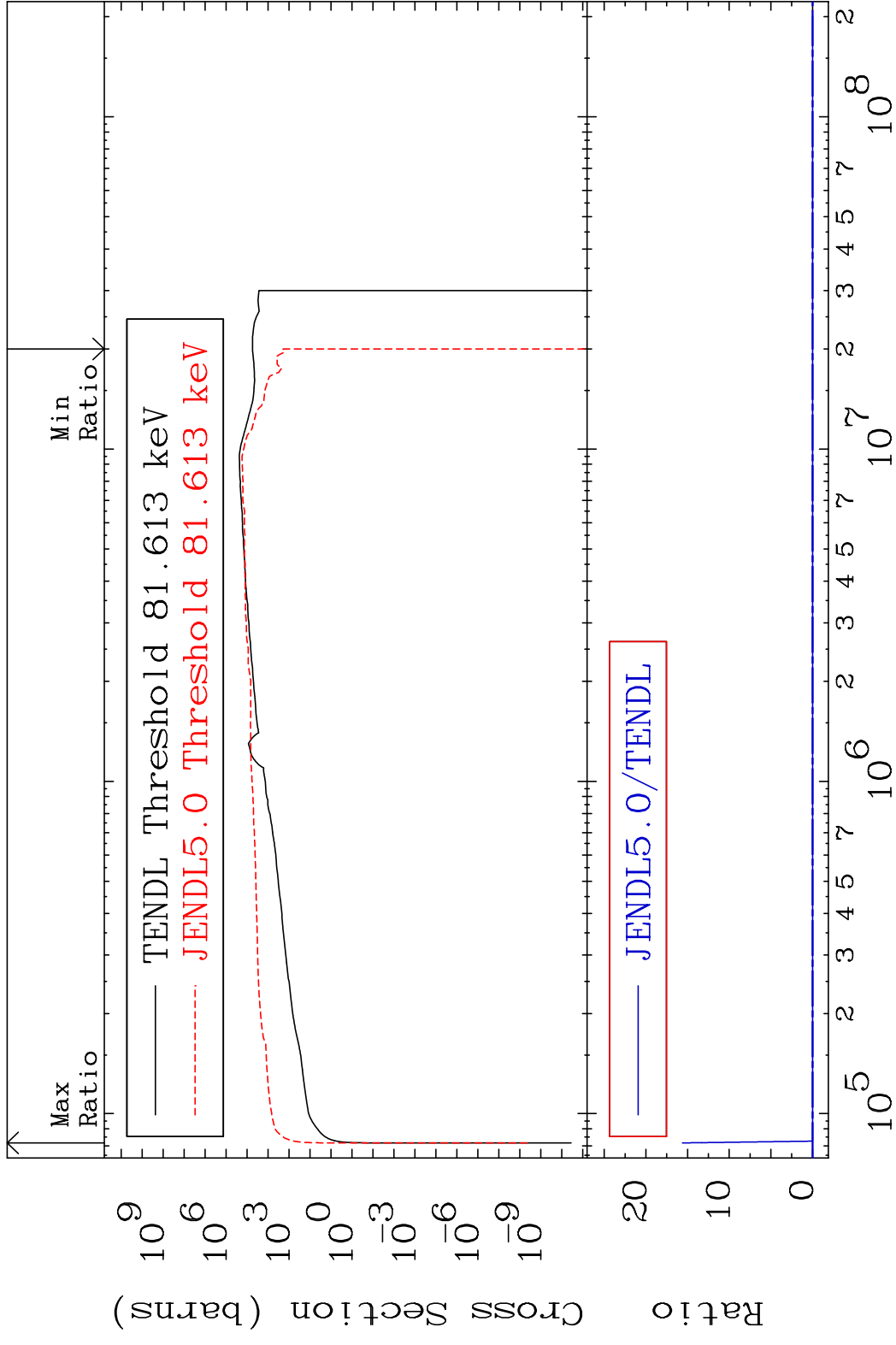
Incident Energy (eV)

55-Cs-133

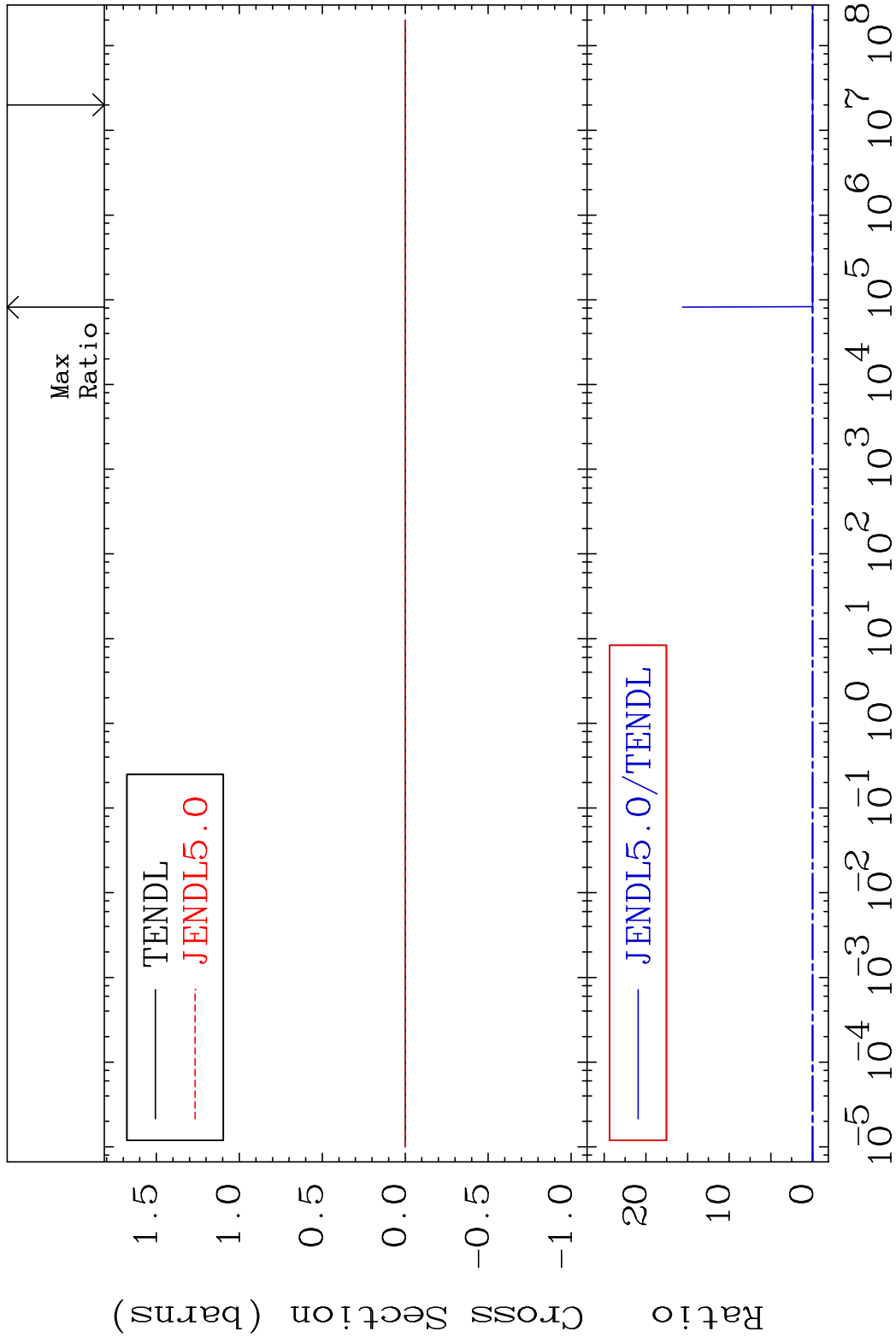
MAT 5525 Kerma non-elastic (all but mt2) 55-Cs-133  
 Cross Section -99.94 To 9999. %



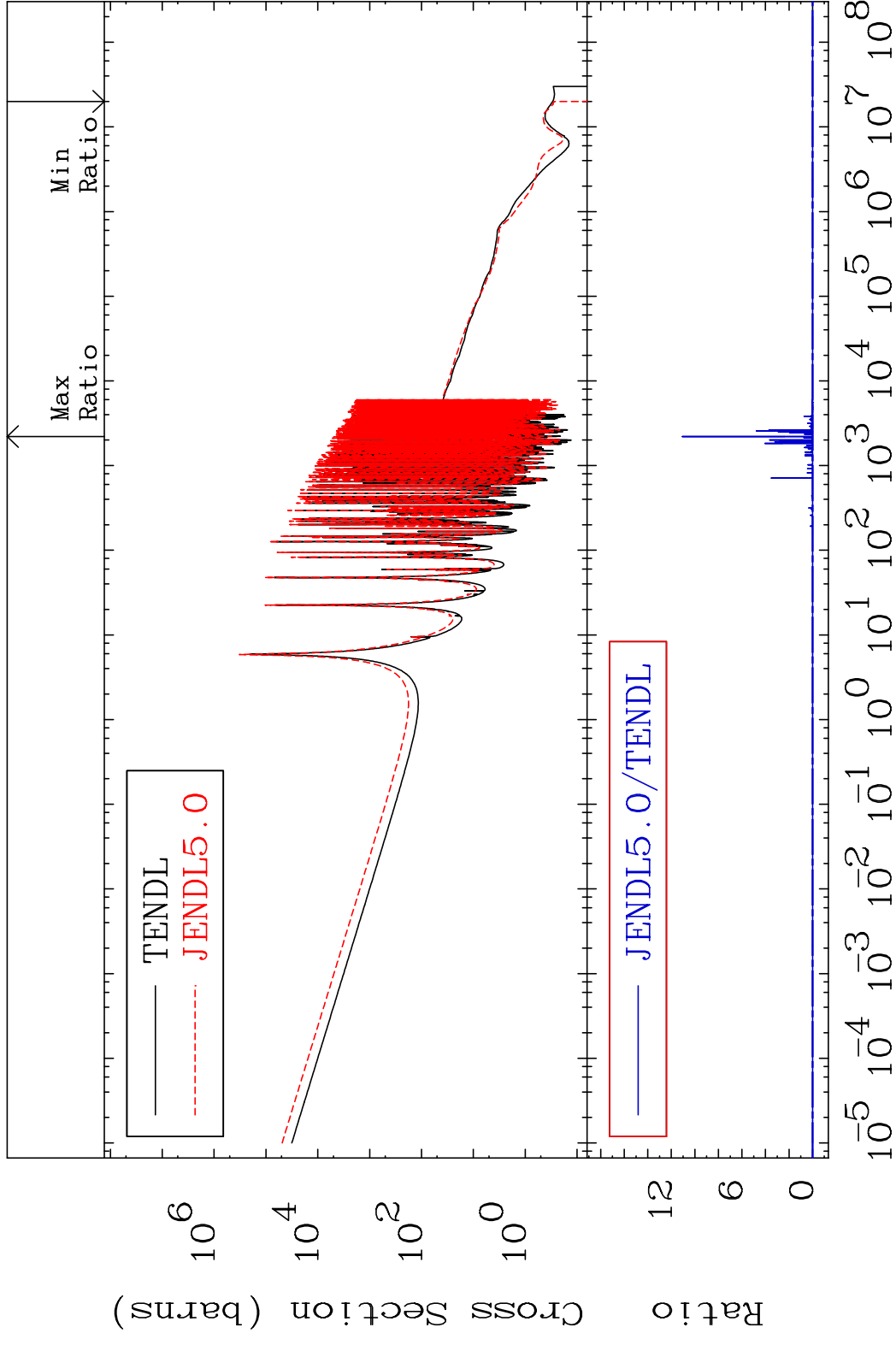
MAT 5525 Kerma inelastic (mt51-91) 55-Cs-133  
 Cross Section -100.0 To 9999. %



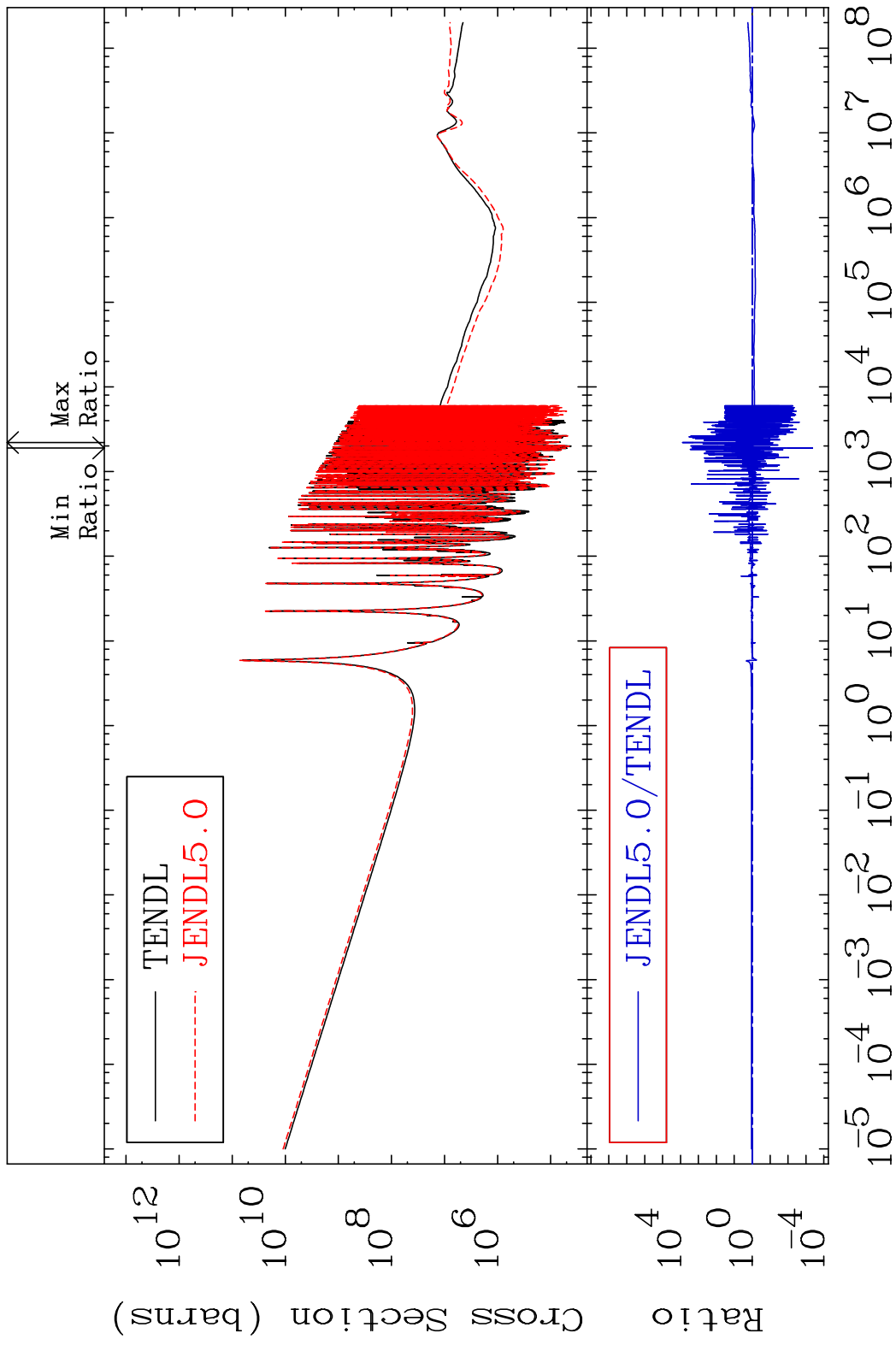
MAT 5525 Kerma fission (mt18 or mt19-20-21-38)55-Cs-133  
 Cross Section -100.0 To 9999. %



MAT 5525 Kerma capture (mt102) 55-Cs-133  
 Cross Section -100.0 To 9999. %



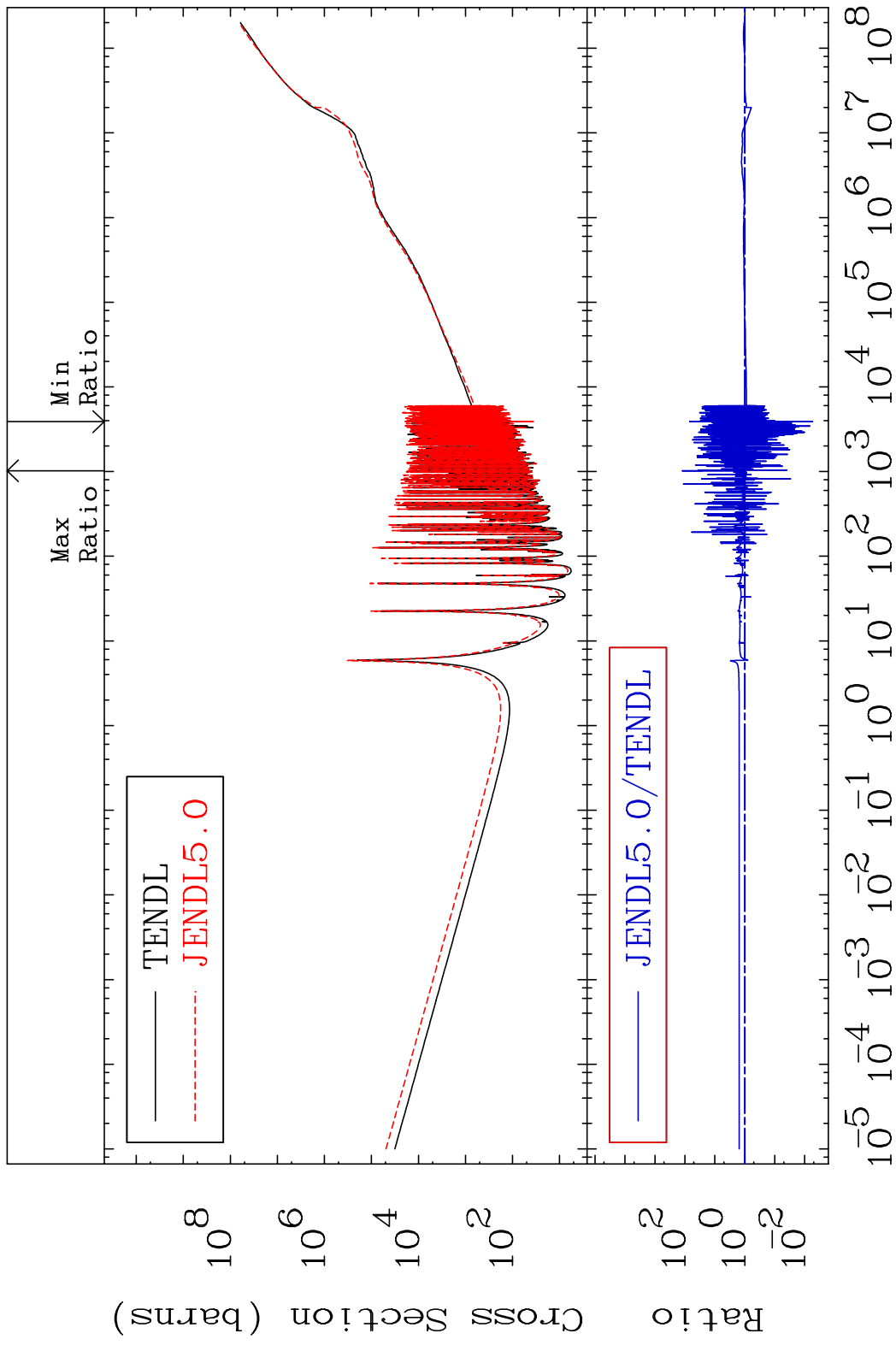
MAT 5525 Total photon (eV-barns) 55-Cs-133  
Cross Section -99.96 To 9999. %



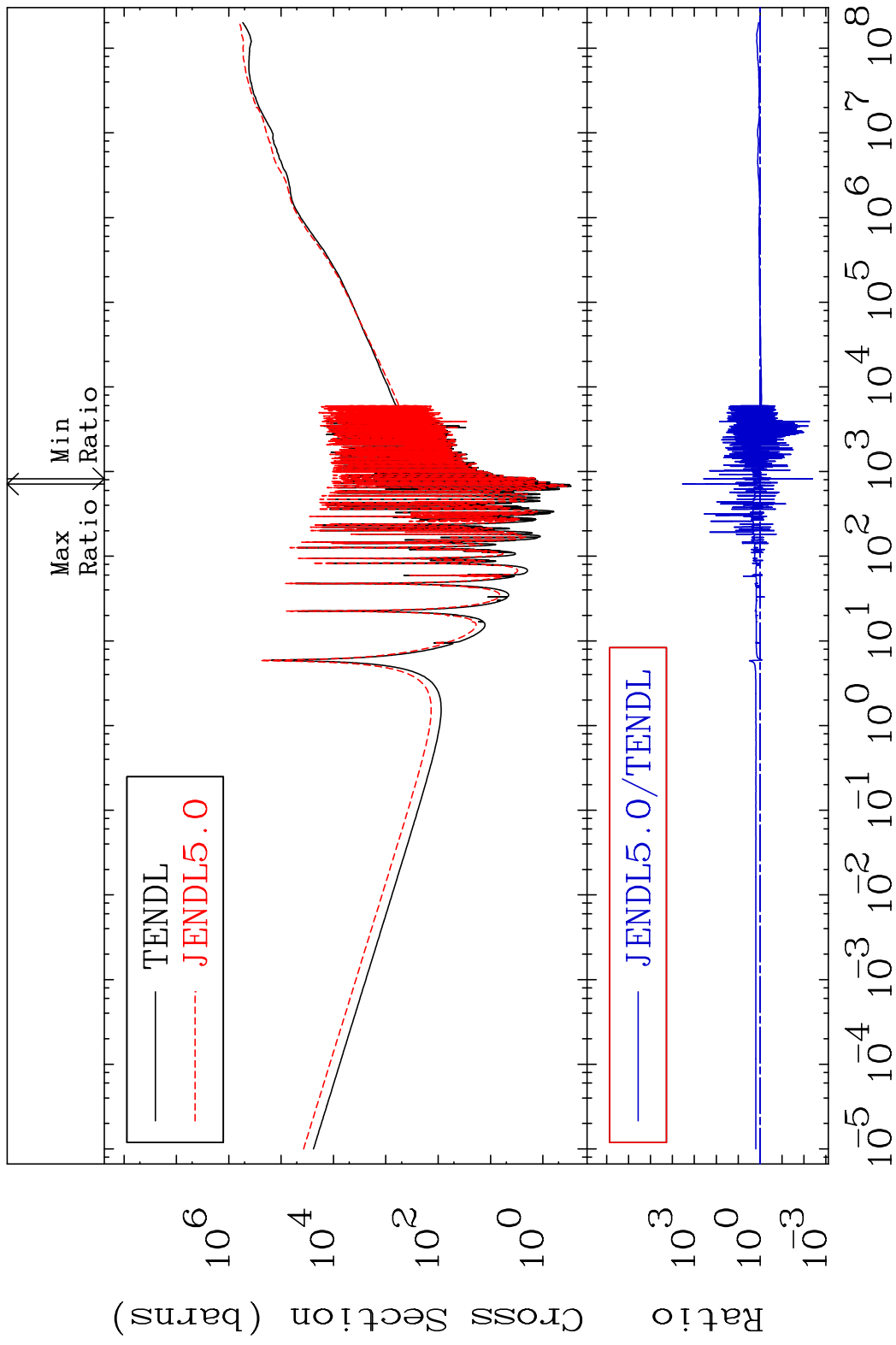
55 Incident Energy (eV) 55-Cs-133



MAT 5525 Total kinematic kerma (high limit) 55-Cs-133  
 Cross Section -99.45 To 9999. %



MAT 5525      Dpa total (eV-barns)      55-Cs-133  
 Cross Section      -99.60 To 9999.      %

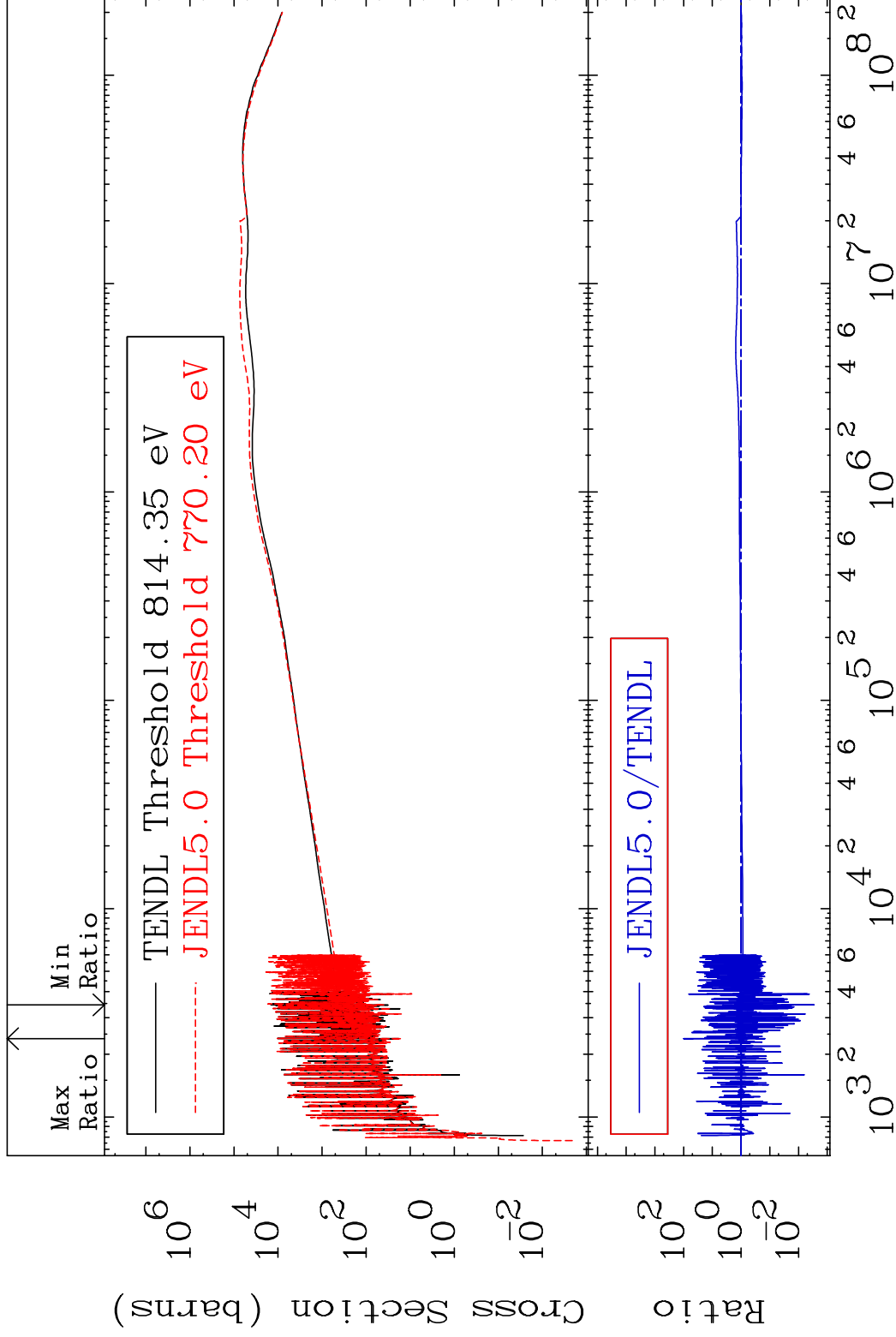


MAT 5525

Dpa elastic (mt2)

55-Cs-133

Cross Section -99.71 To 9876. %

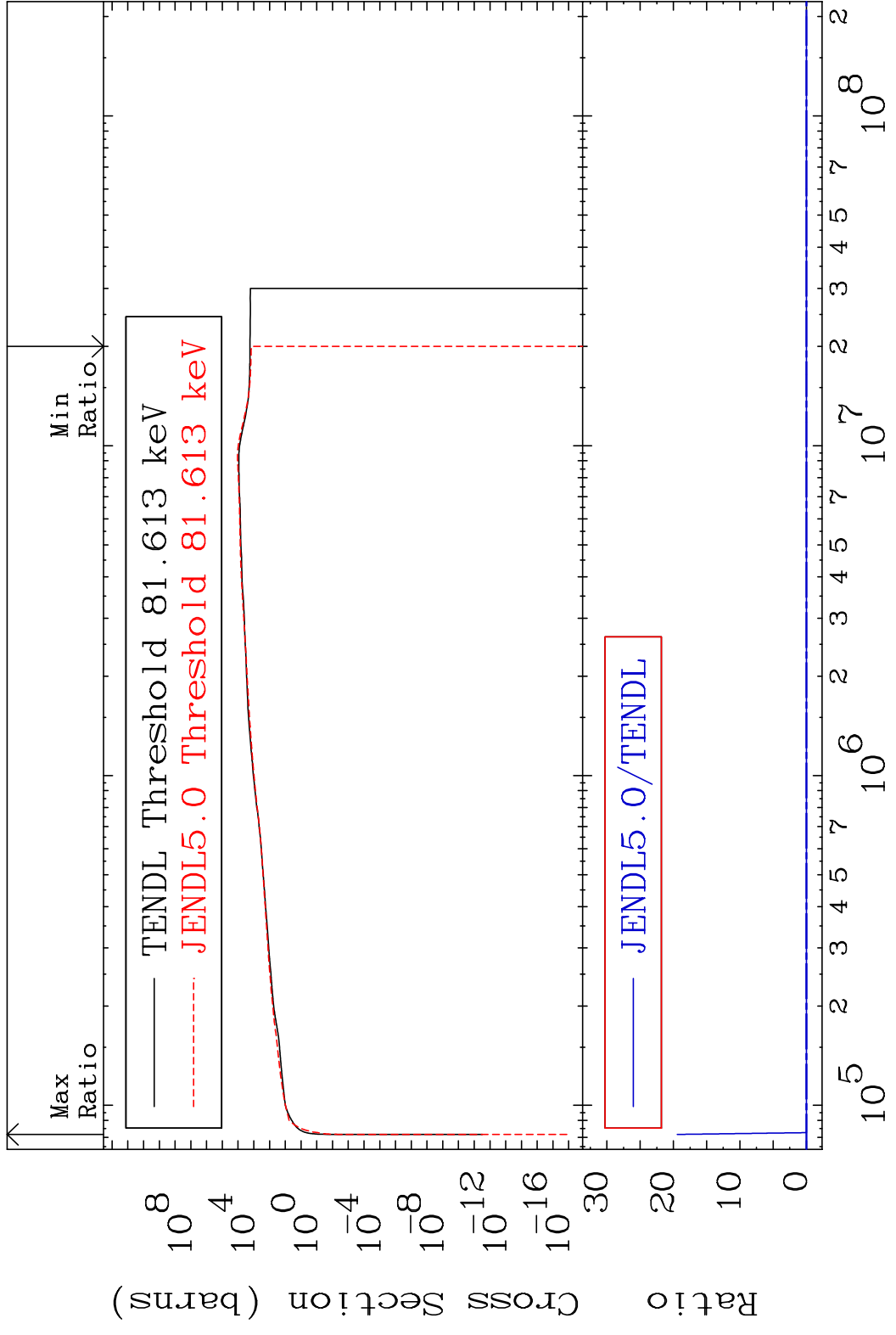


58

Incident Energy (eV)

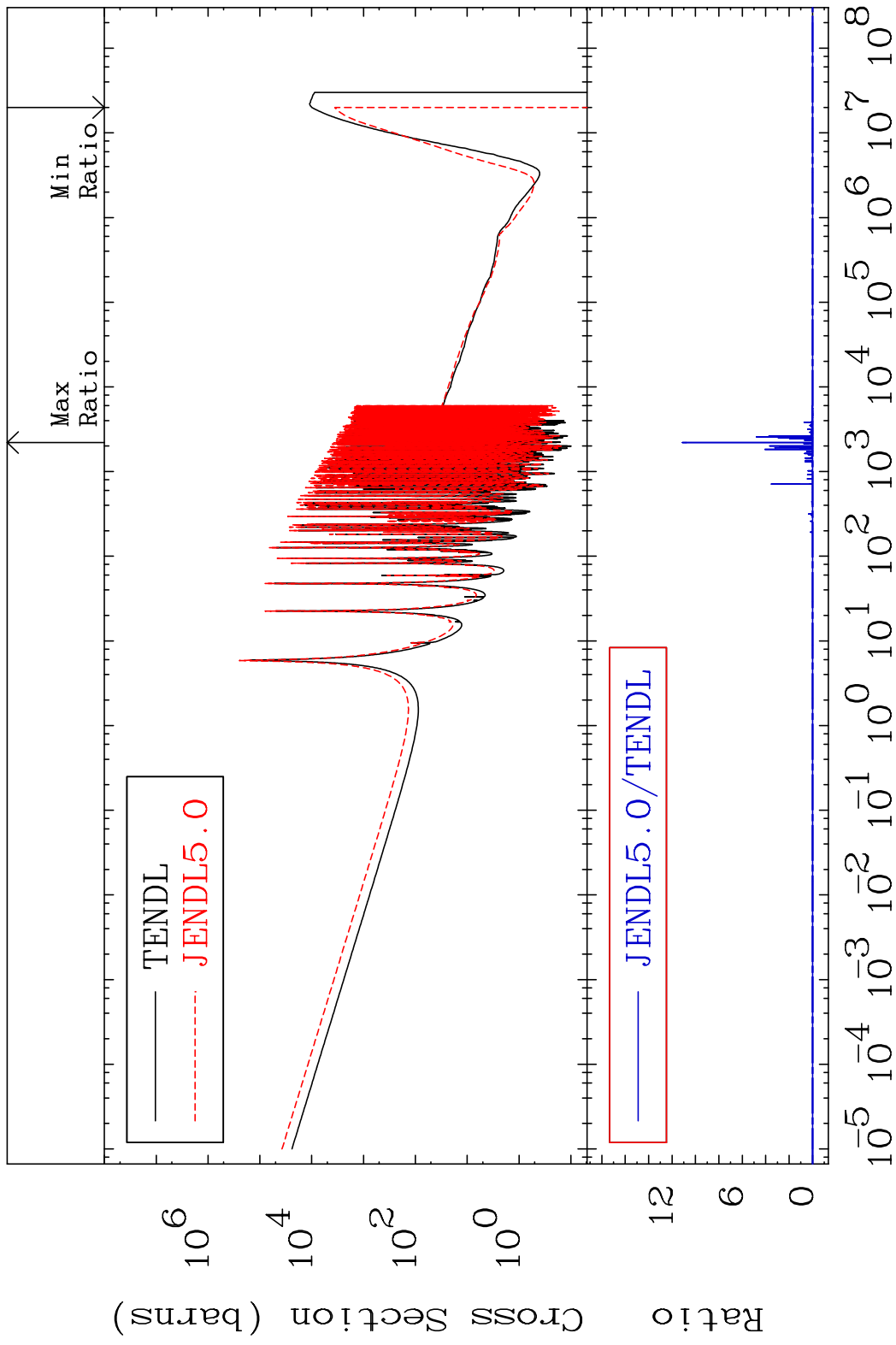
55-Cs-133

MAT 5525 Dpa inelastic (mt51-91) 55-Cs-133  
 Cross Section -100.0 To 9999. %



59 Incident Energy (eV) 55-Cs-133

MAT 5525 Dpa disappearance (mt102 -120) 55-Cs-133  
Cross Section -100.0 To 9999. %



60 Incident Energy (eV) 55-Cs-133

