

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

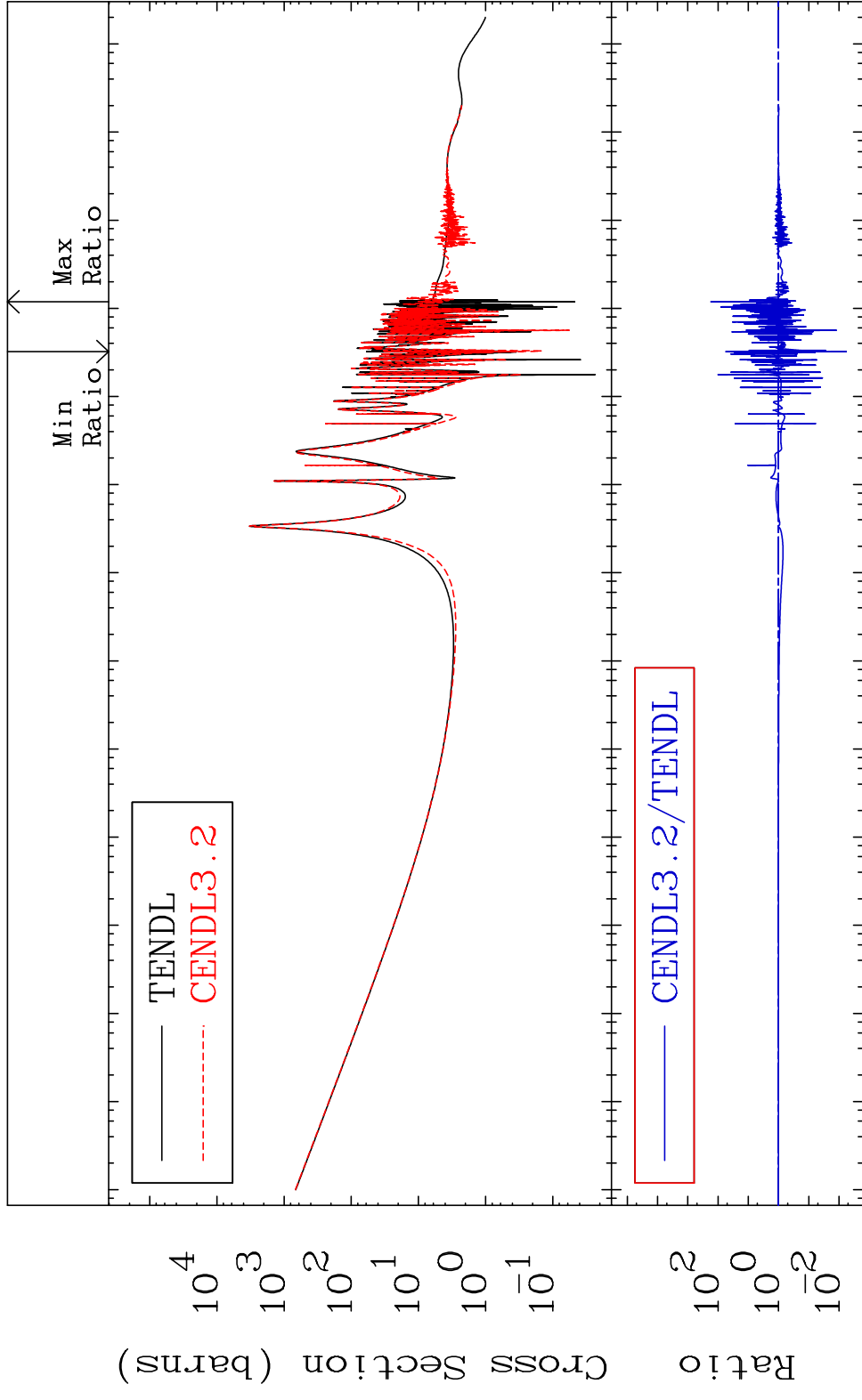
MAT 2525

Total

25-Mn-55

Cross Section

-99.43 To 9999. %



1

Incident Energy (eV)

25-Mn-55

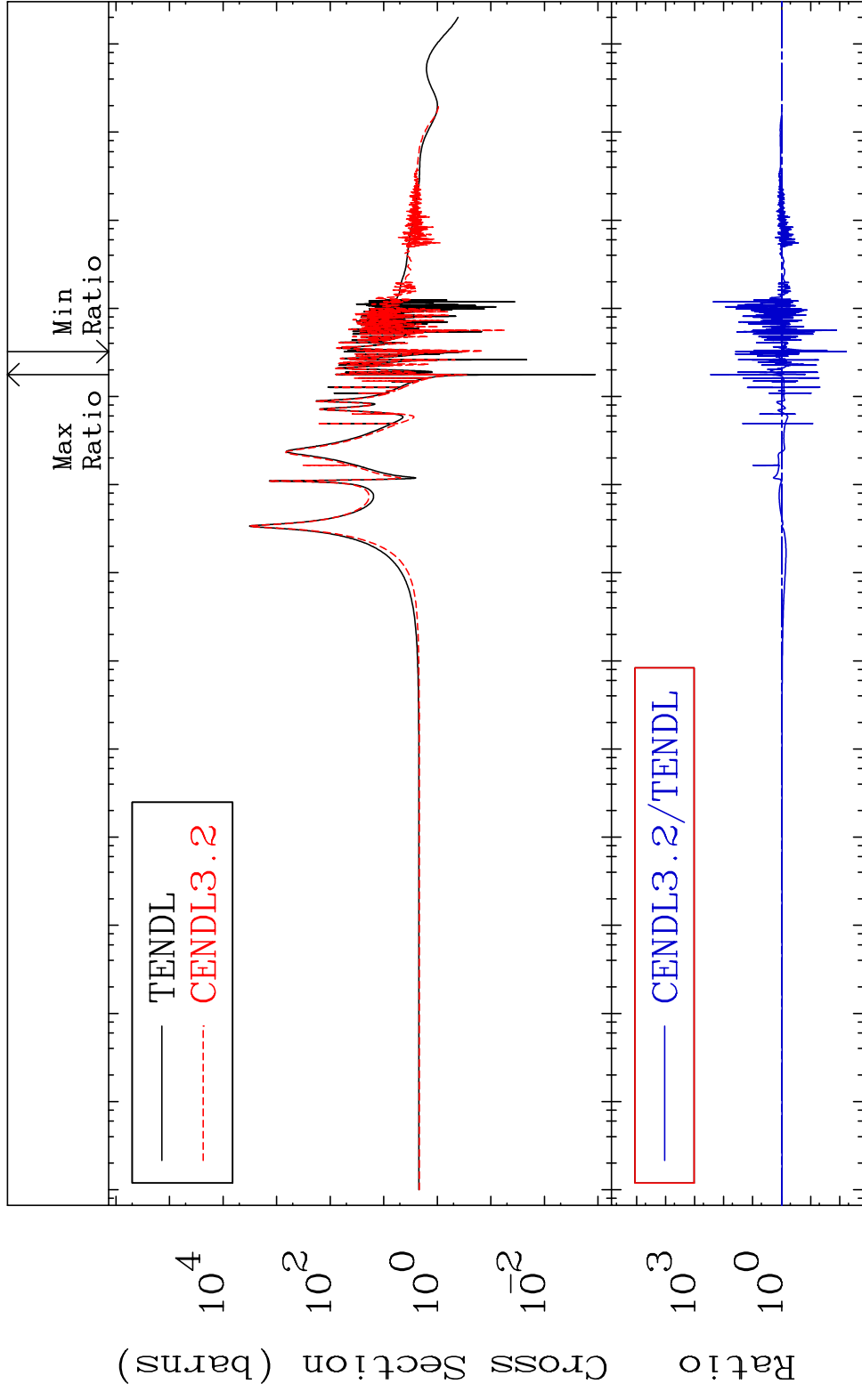
MAT 2525

Elastic

25-Mn-55

Cross Section

-99.41 To 9999. %

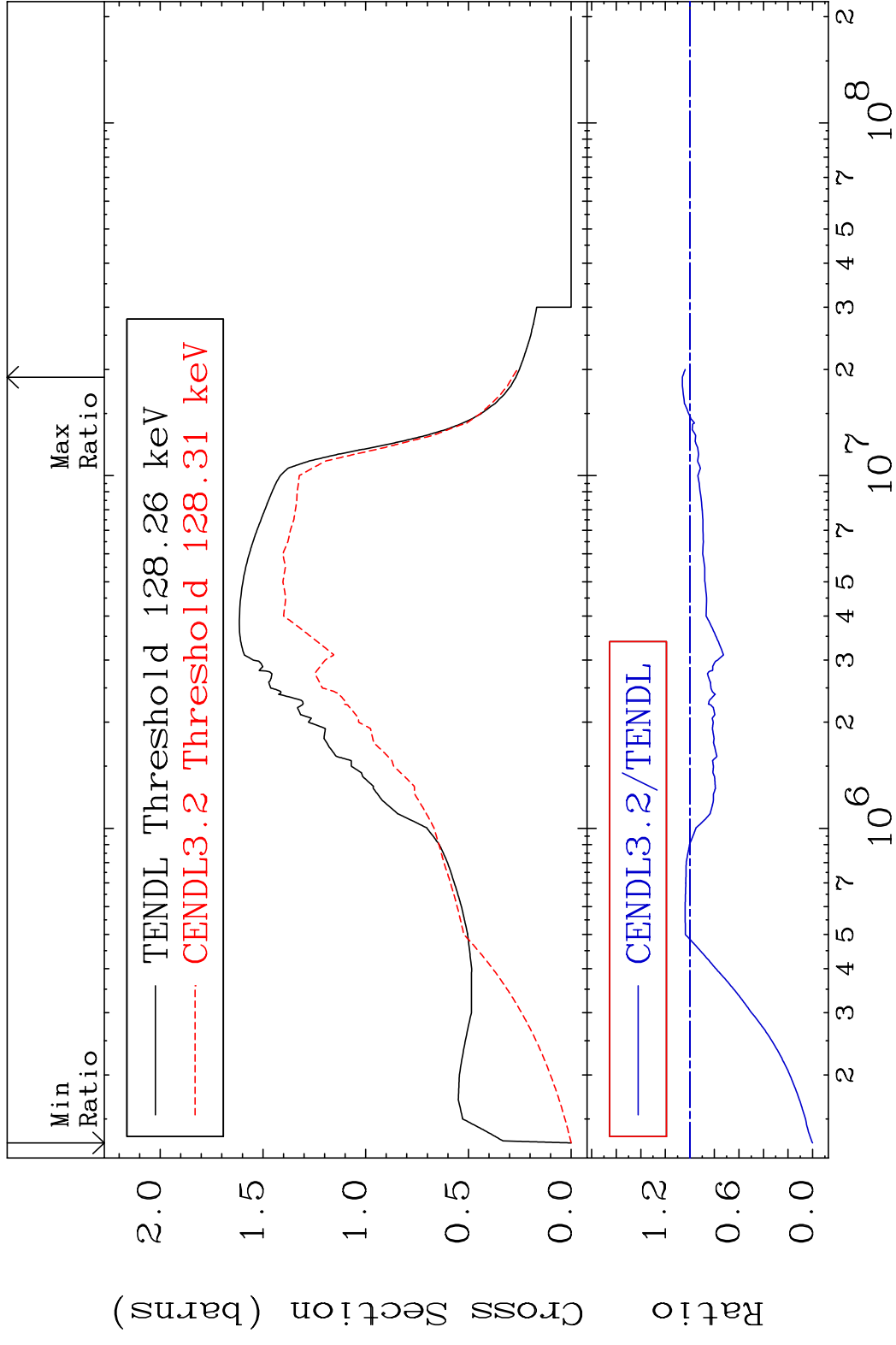


2

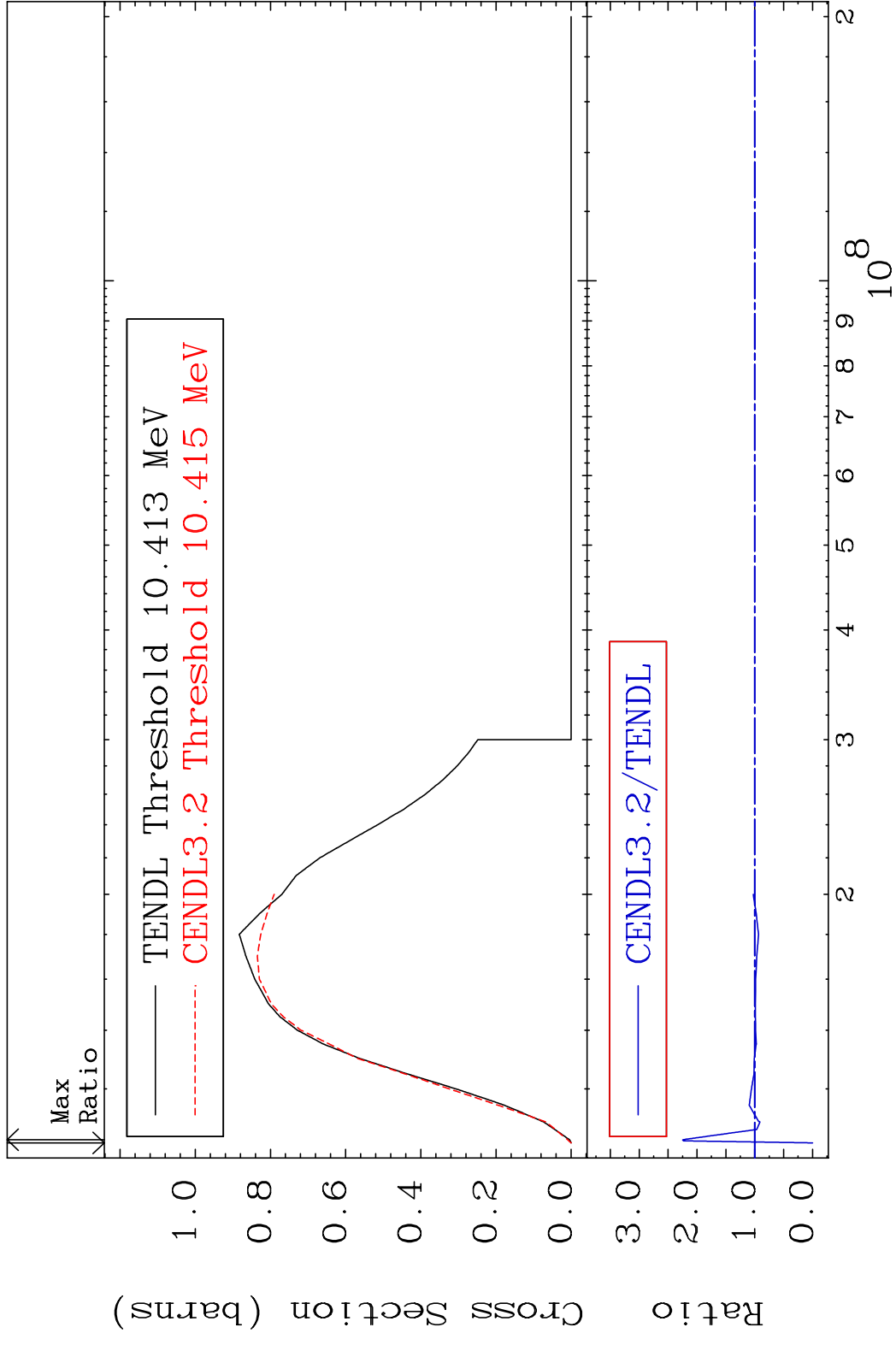
Incident Energy (eV)

25-Mn-55

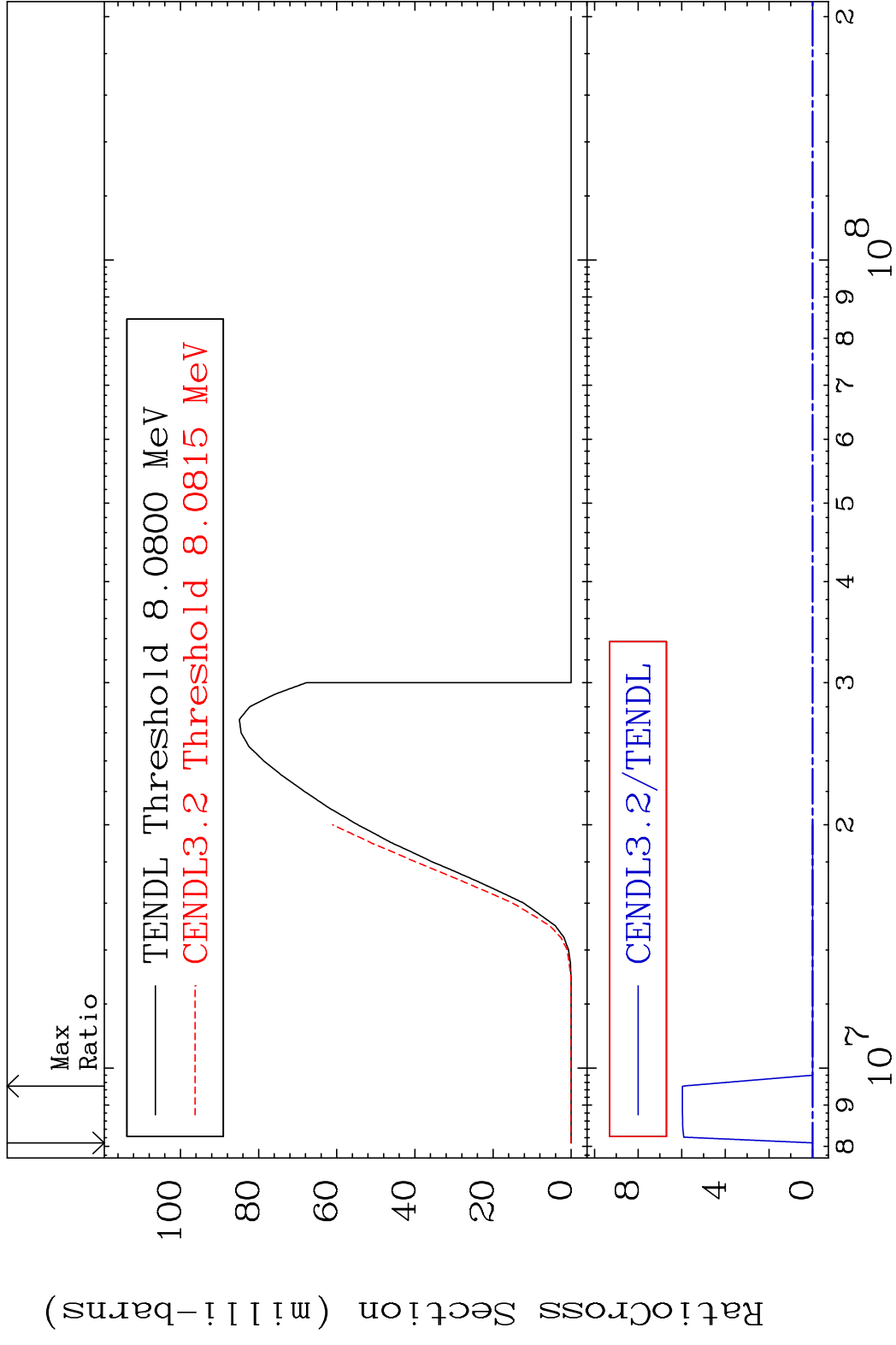
MAT 2525 Inelastic 25-Mn-55  
 Cross Section -100.0 To 6.118 %



MAT 2525 (n,2n) 25-Mn-55  
 Cross Section -100.0 To 125.4 %

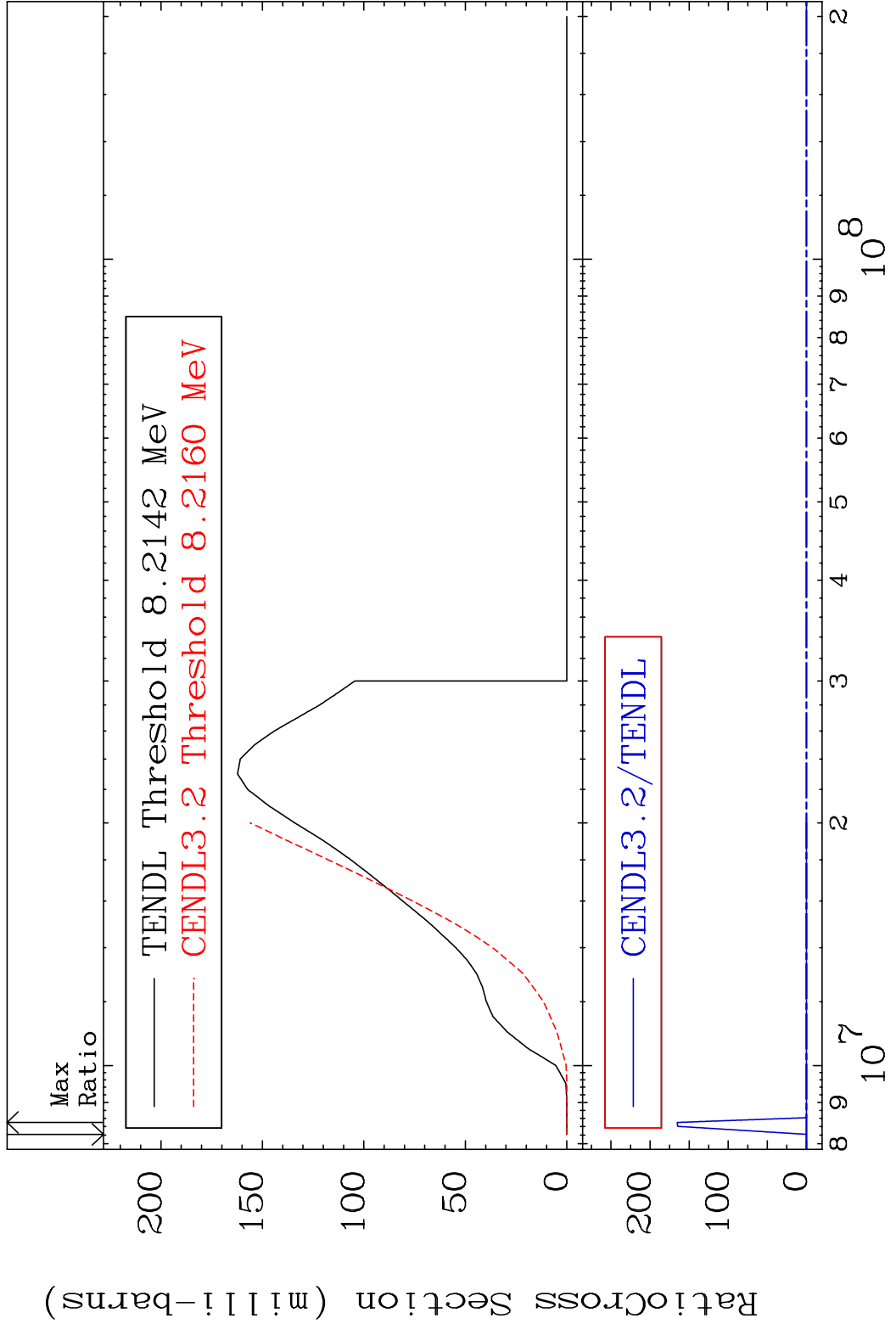


MAT 2525 (n, n')  $\alpha$  25-Mn-55  
 Cross Section -100.0 To 9999. %



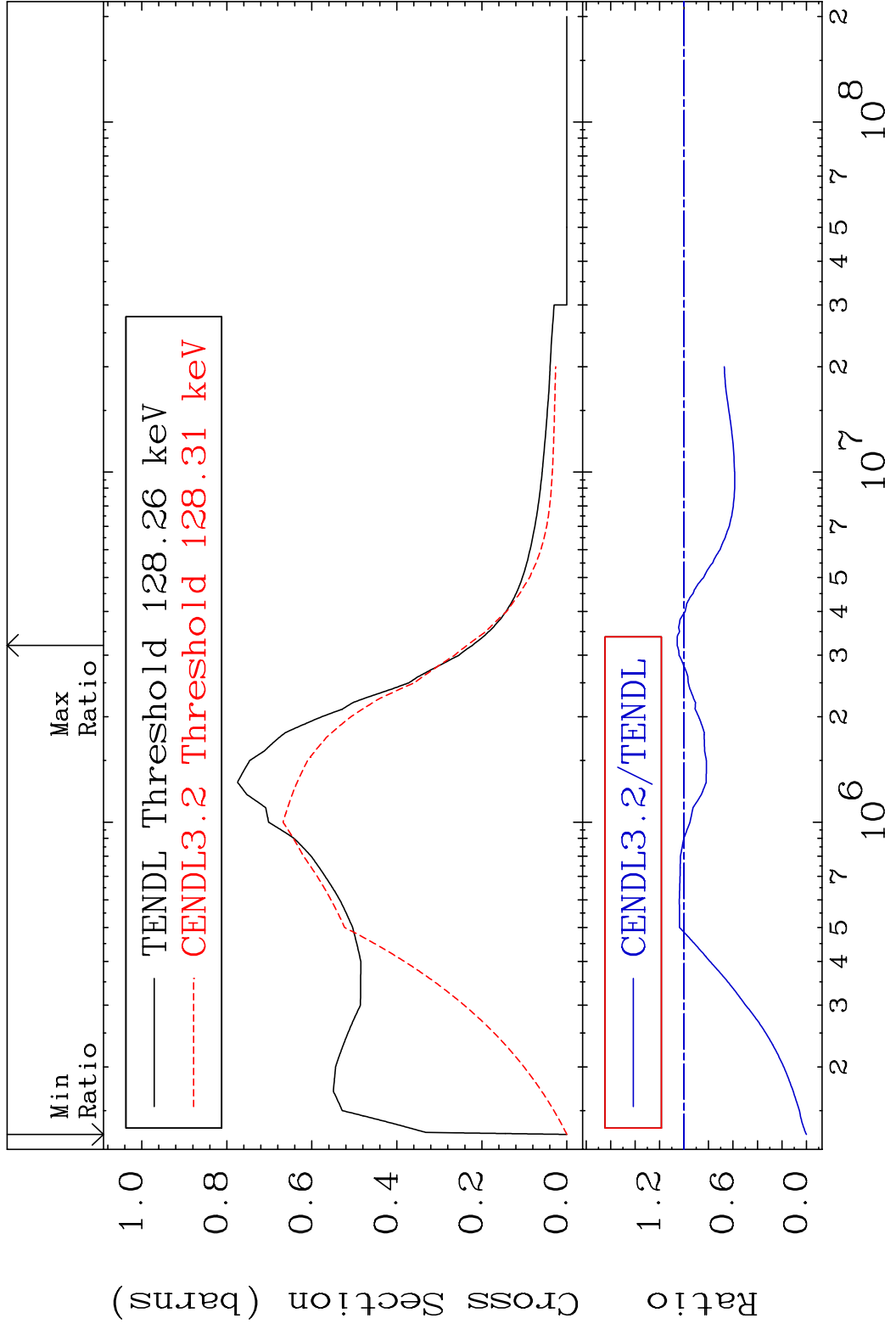
5 Incident Energy (eV) 25-Mn-55

MAT 2525 (n, n') p 25-Mn-55  
 Cross Section -100.0 To 9999. %



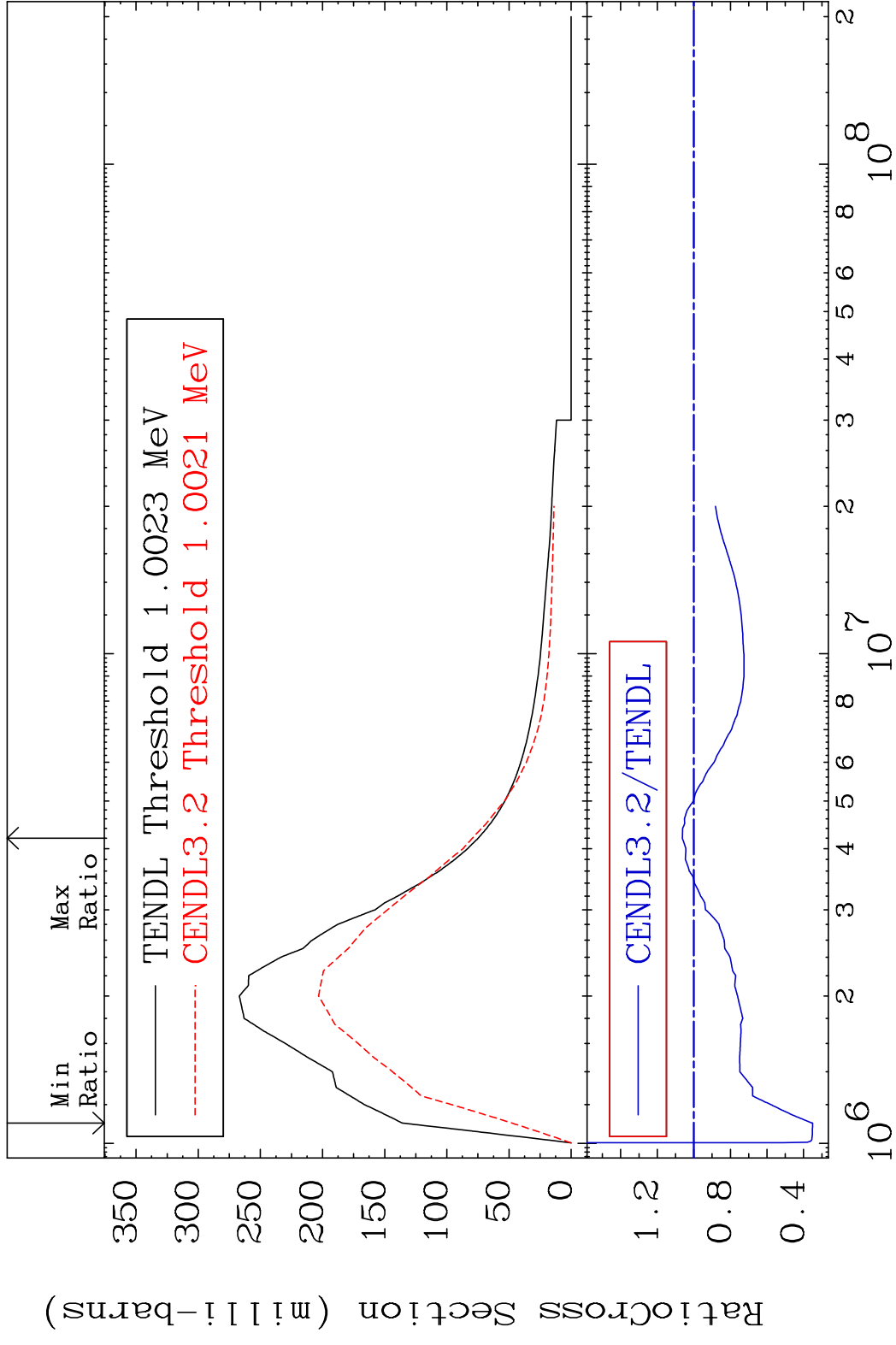
6 8 9 10<sup>7</sup> 2 3 4 5 6 7 8 9 10<sup>8</sup> 25-Mn-55

MAT 2525 MT= 51 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 5.636 %



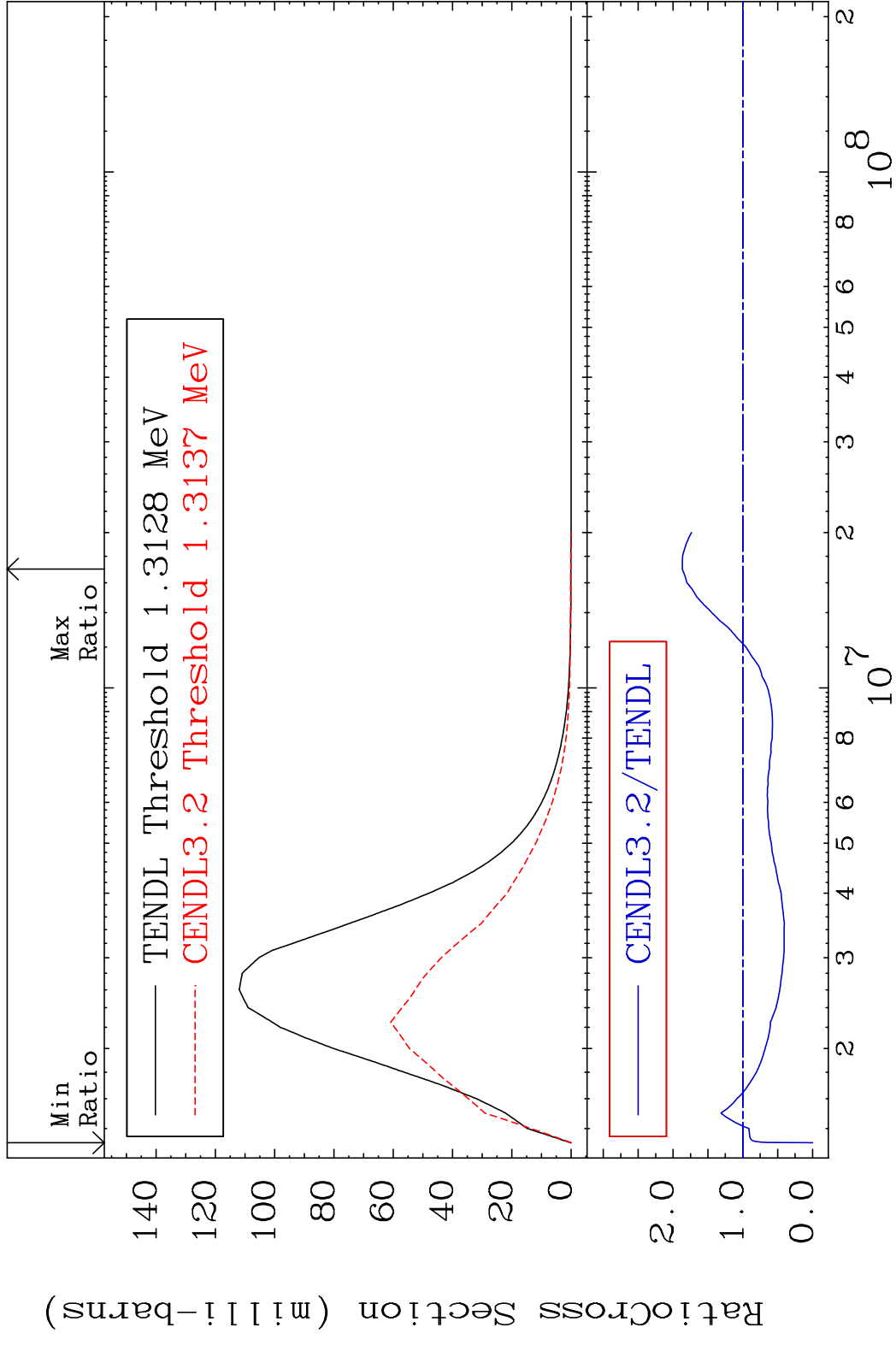


MAT 2525      MT= 52 (n, n') Level      25-Mn-55  
 Cross Section      -64.90 To 6.277 %

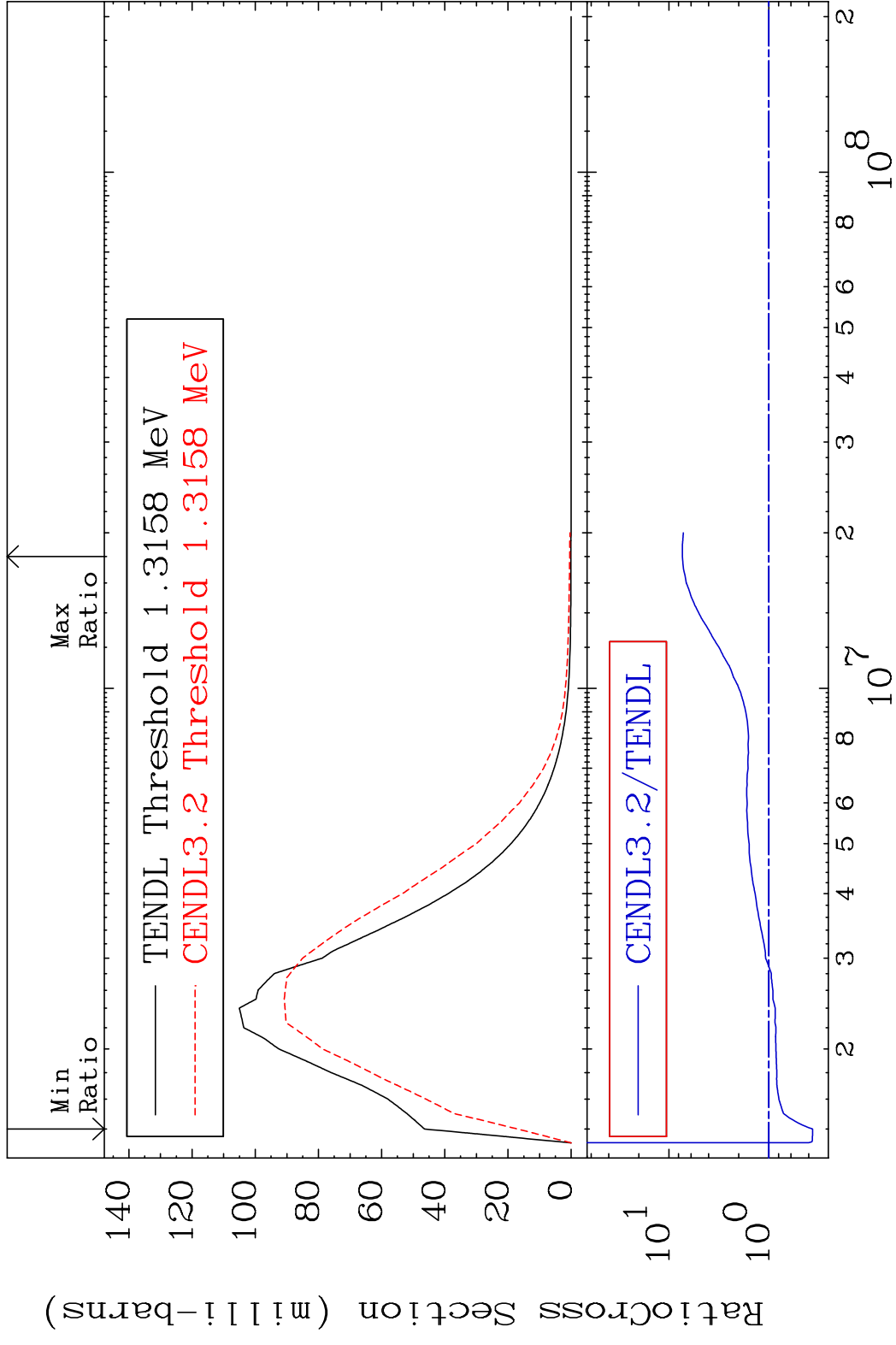


8      8      Incident Energy (eV)      25-Mn-55

MAT 2525 MT= 53 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 86.67 %



MAT 2525      MT= 54 (n, n') Level      25-Mn-55  
 Cross Section      -63.44 To 633.1 %

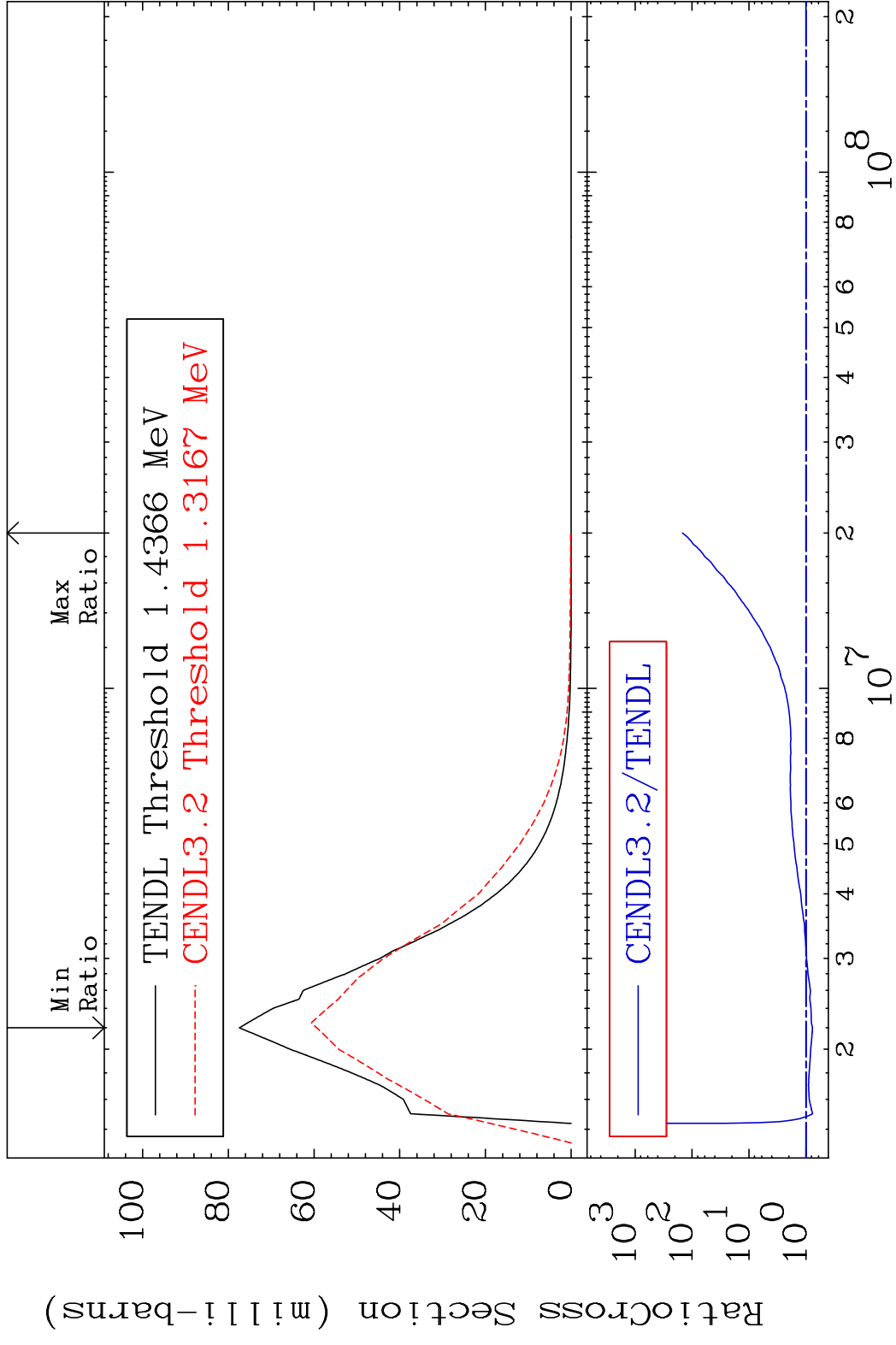


10

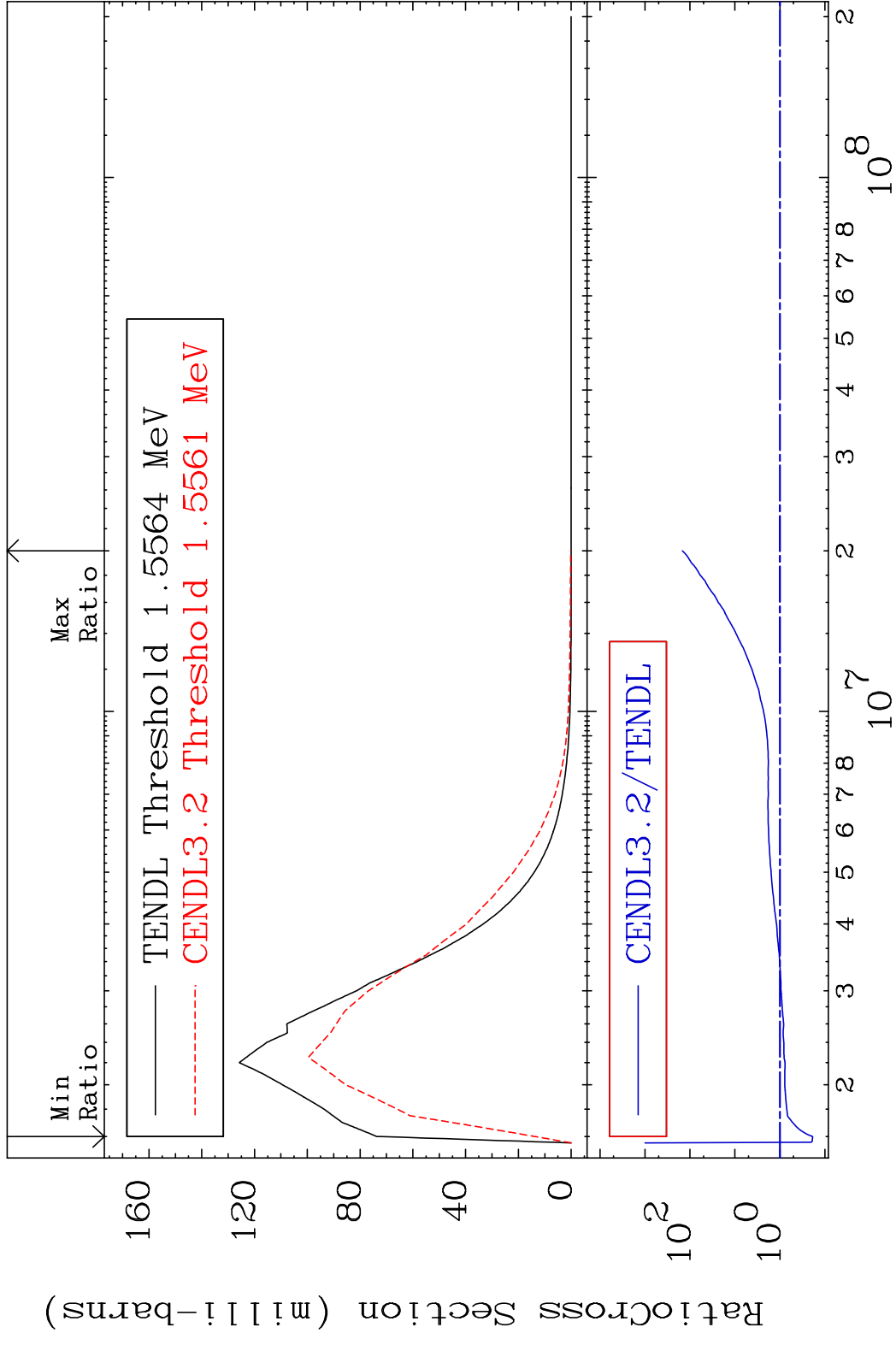
Incident Energy (eV)

25-Mn-55

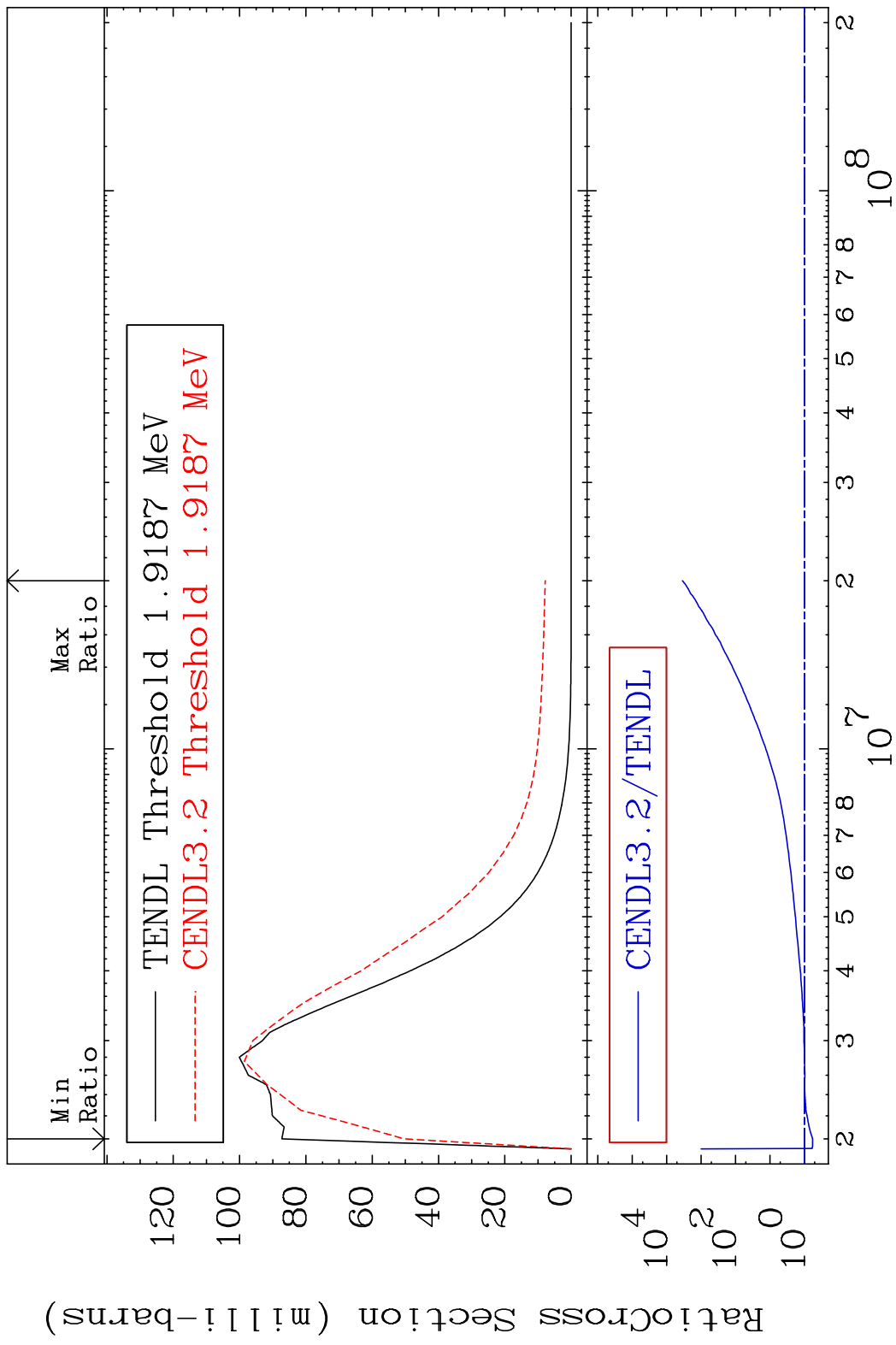
MAT 2525 MT= 55 (n, n') Level 25-Mn-55  
 Cross Section -23.33 To 9999. %



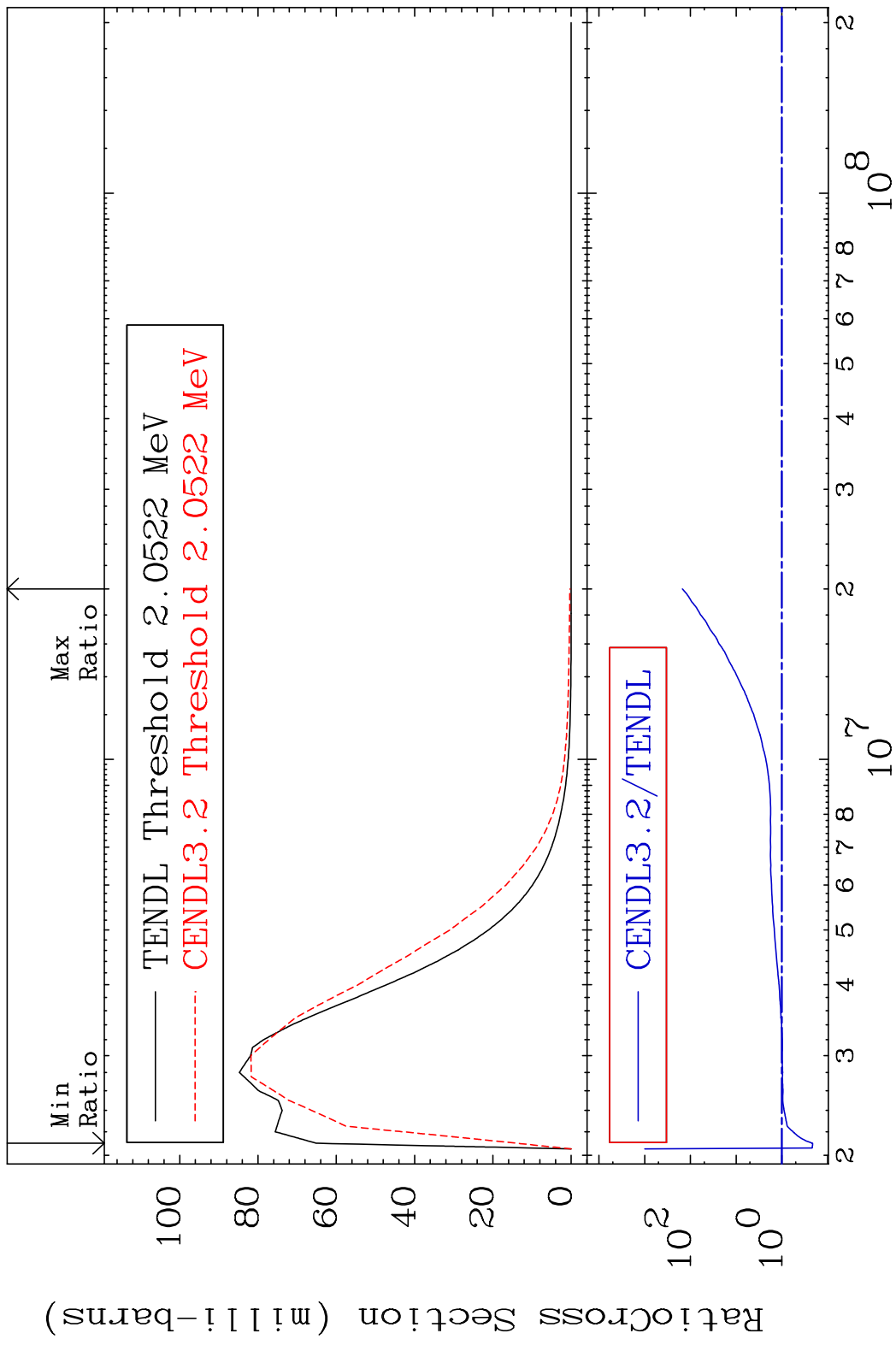
MAT 2525 MT= 56 (n, n') Level 25-Mn-55  
 Cross Section -81.24 To 9999. %



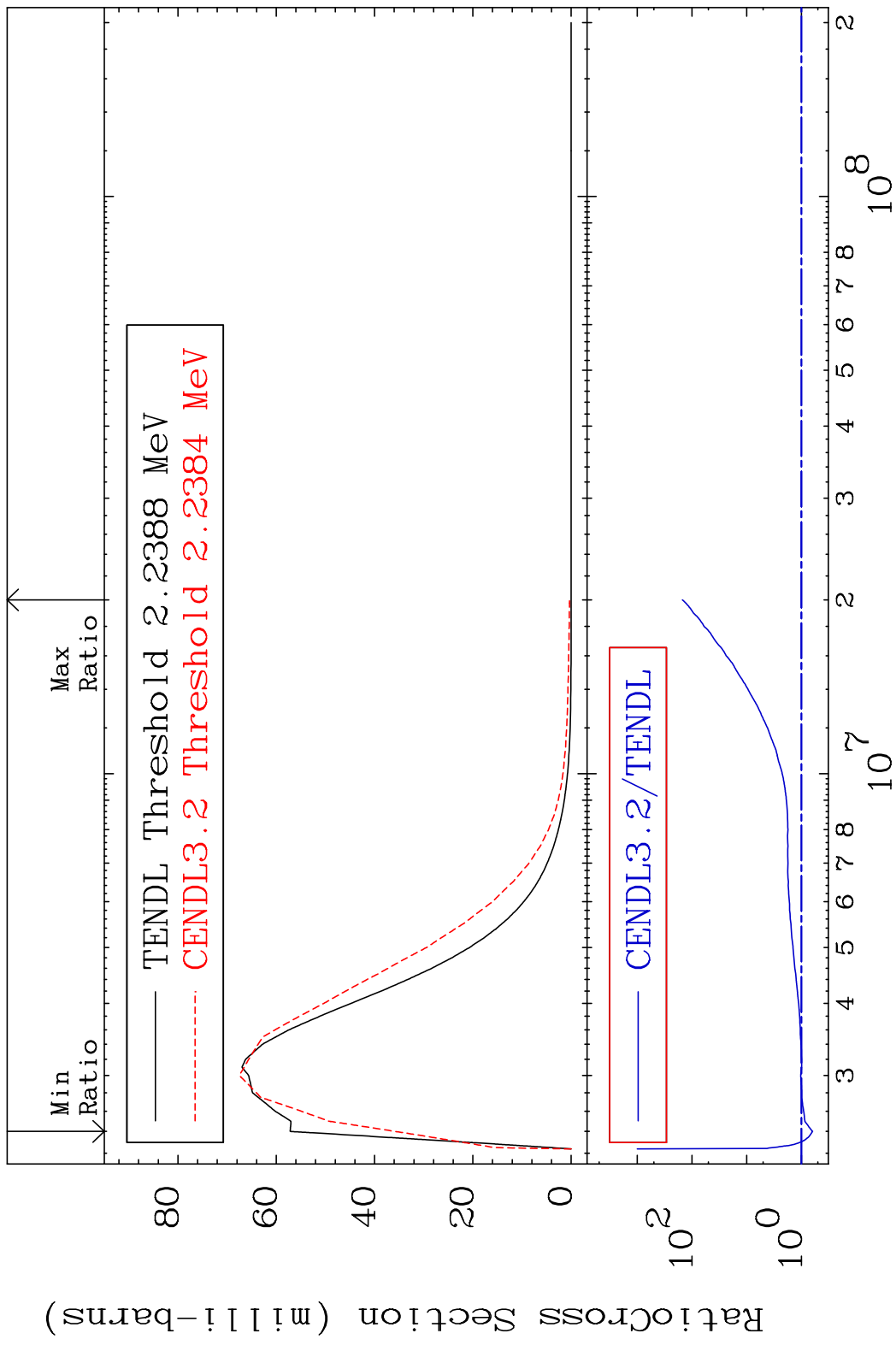
MAT 2525 MT= 57 (n, n') Level 25-Mn-55  
 Cross Section -42.17 To 9999. %



MAT 2525 MT= 58 (n, n') Level 25-Mn-55  
 Cross Section -78.61 To 9999. %



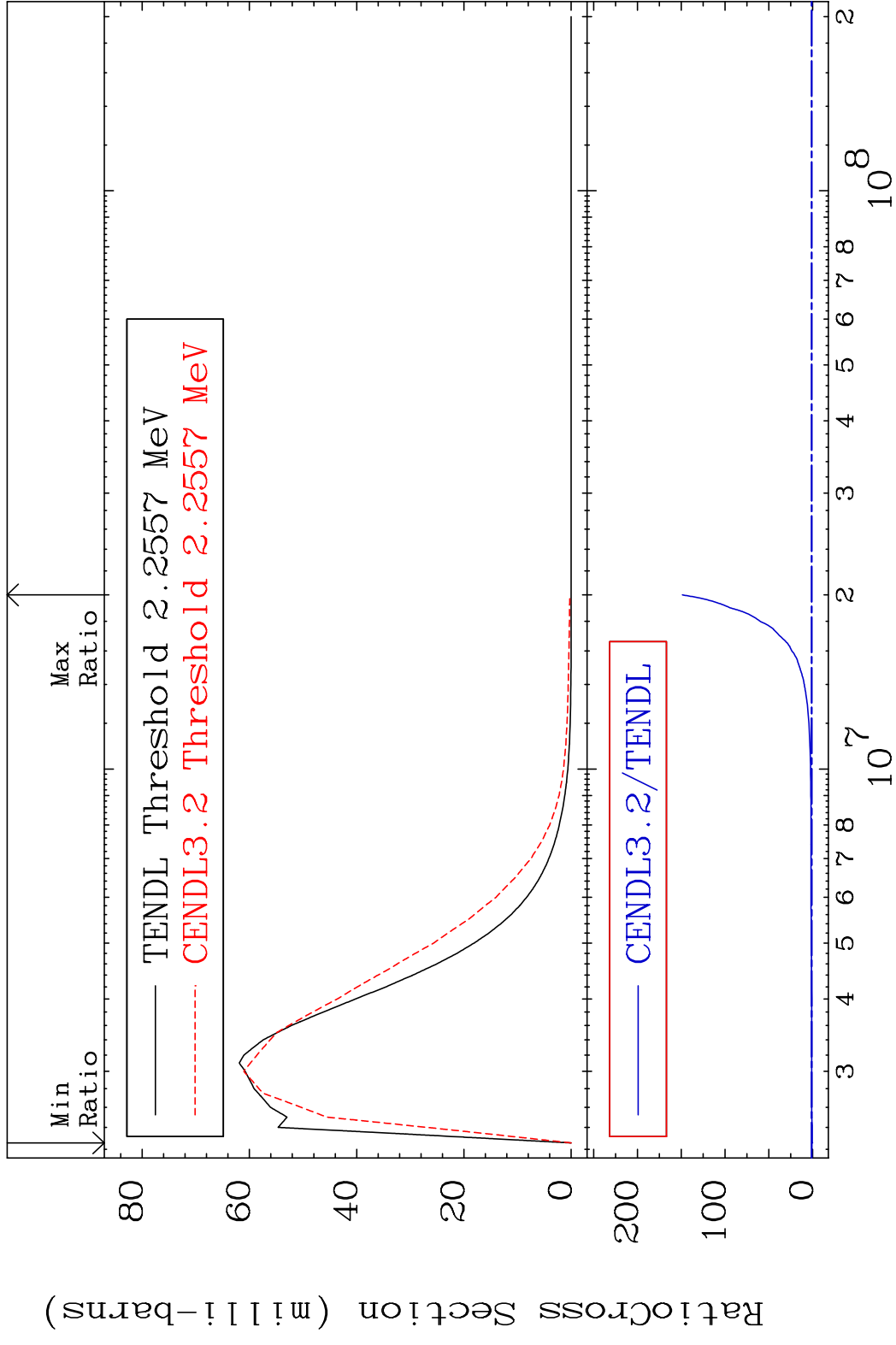
MAT 2525 MT= 59 (n, n') Level 25-Mn-55  
 Cross Section -37.42 To 9999. %



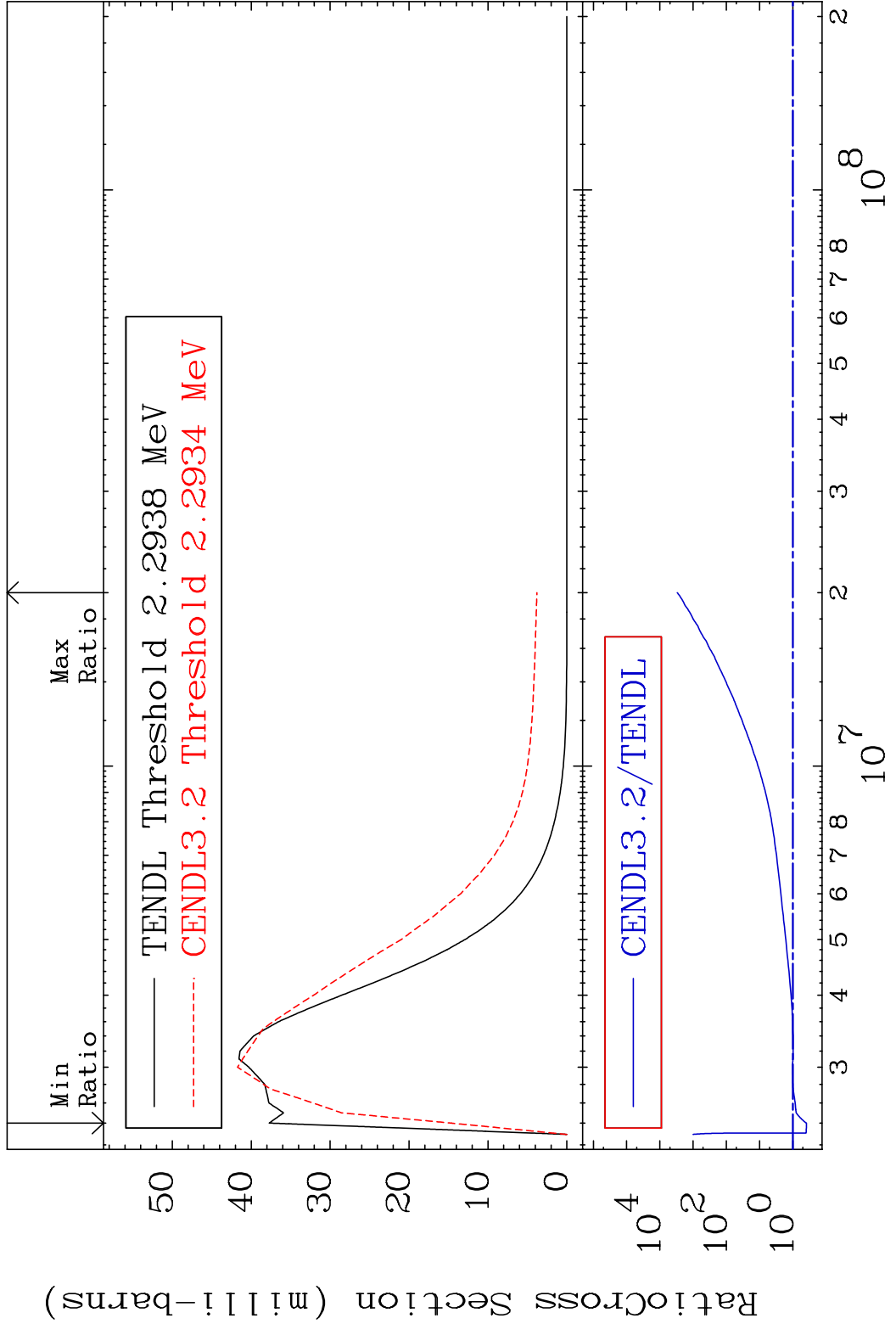
15 25-Mn-55



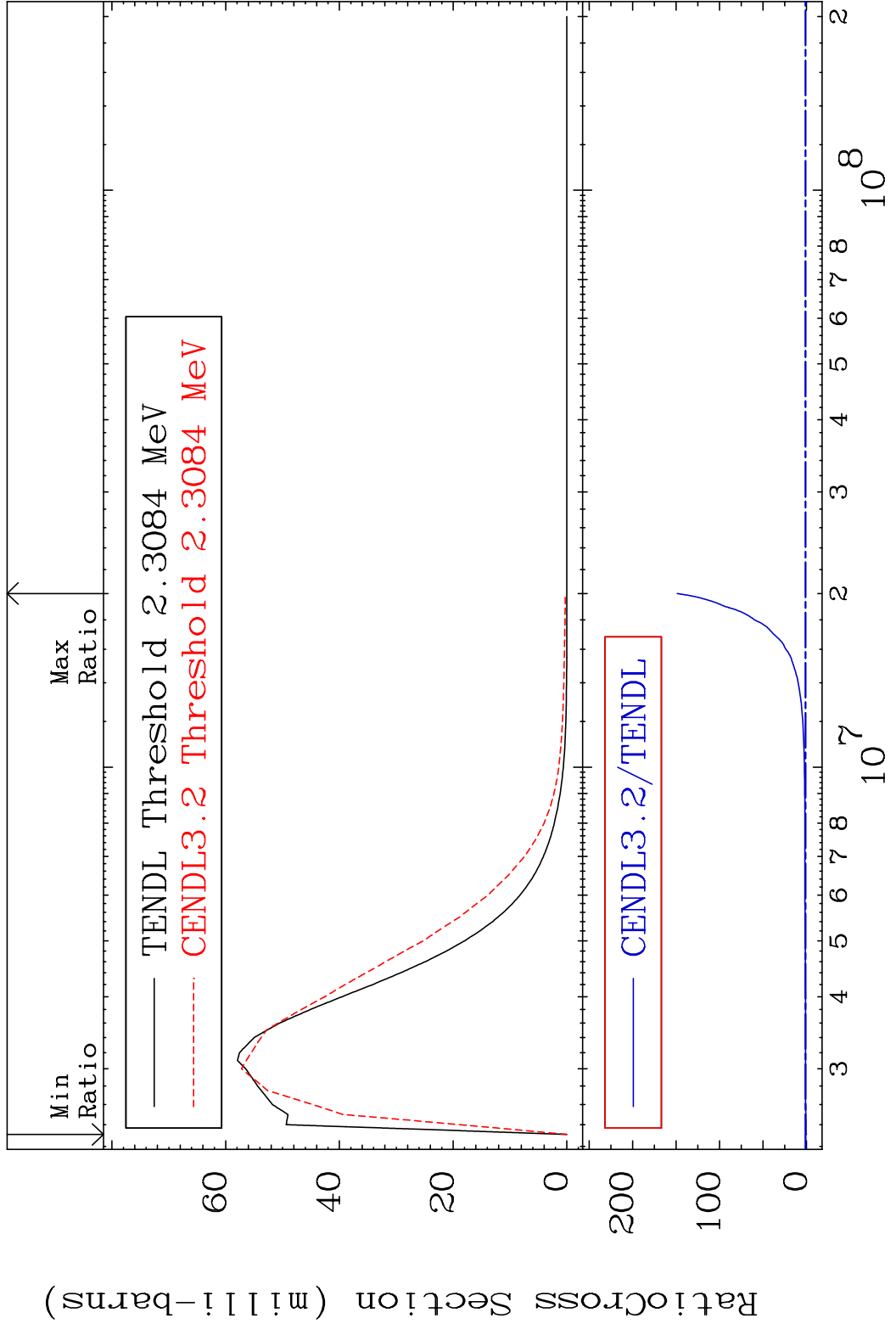
MAT 2525 MT= 60 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



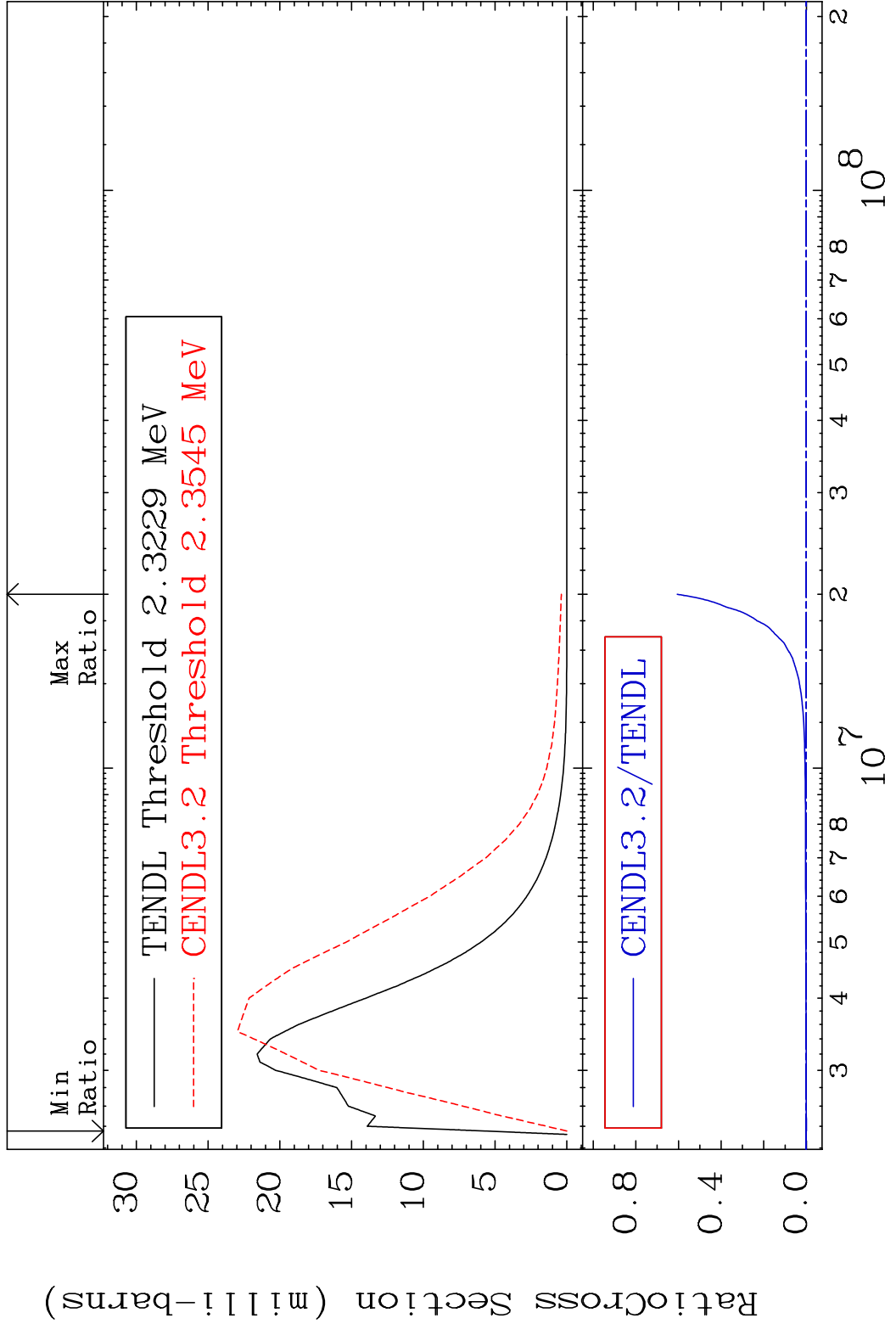
MAT 2525 MT= 61 (n, n') Level 25-Mn-55  
 Cross Section -60.94 To 9999. %



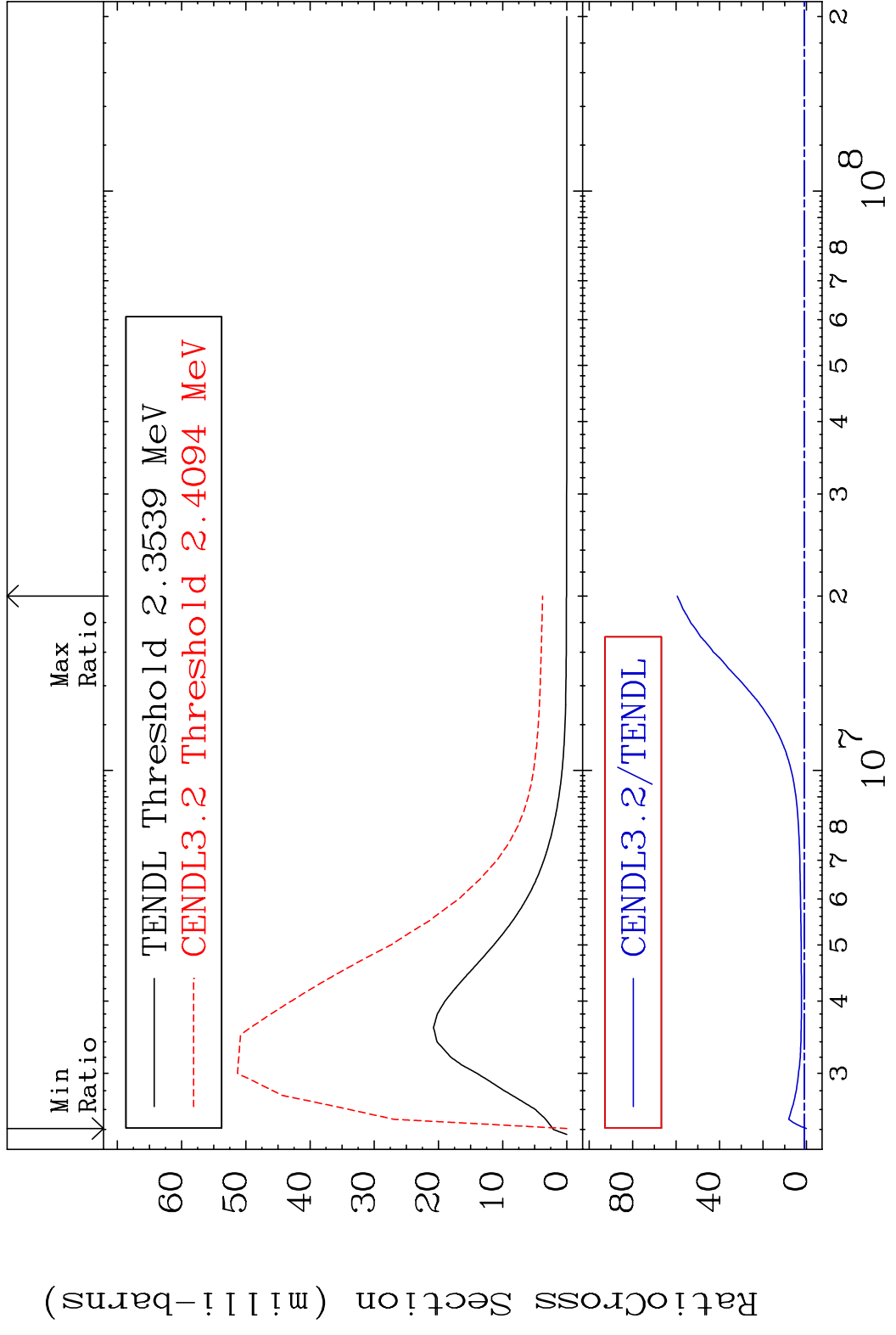
MAT 2525 MT= 62 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 MT= 63 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %

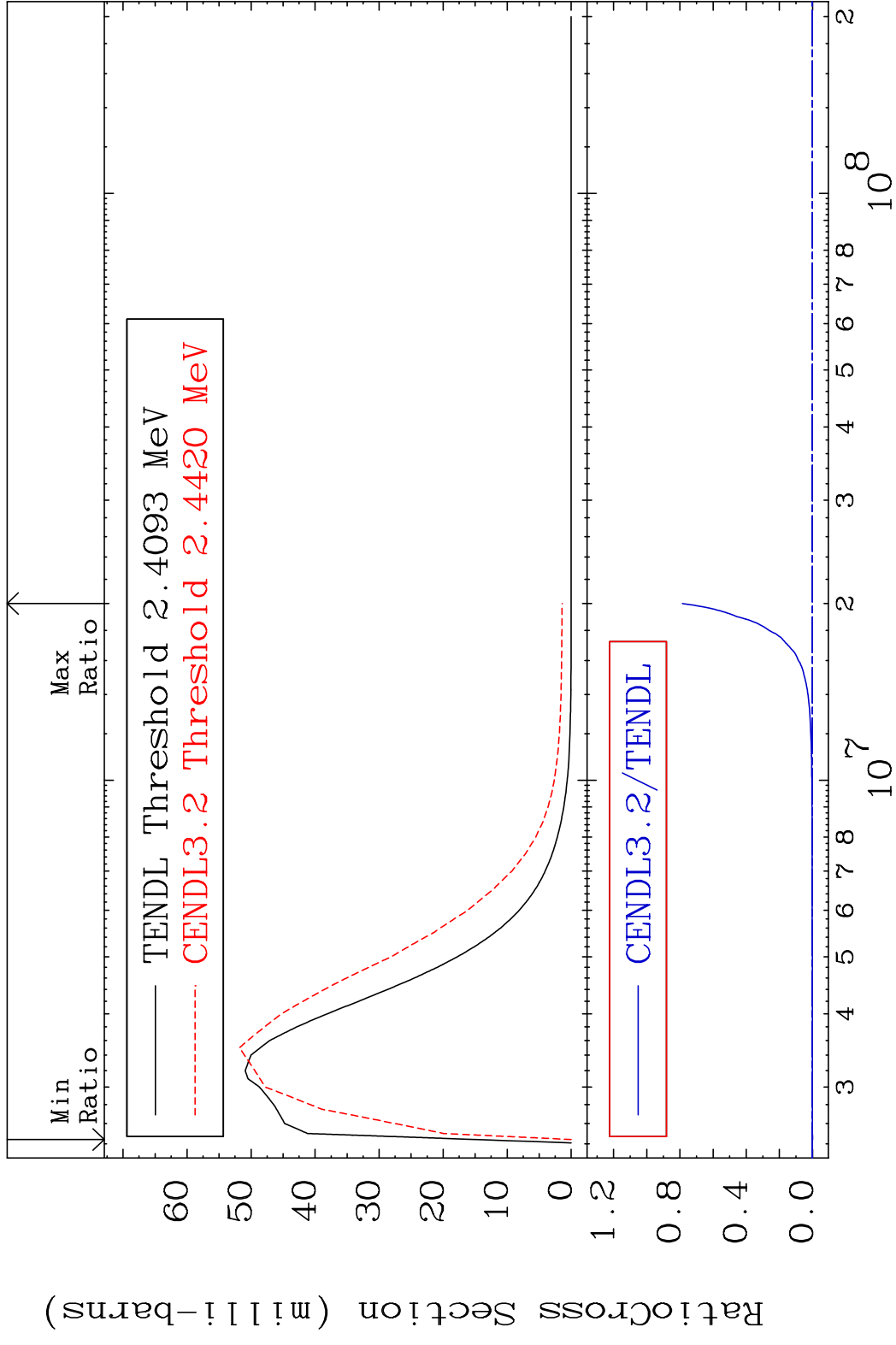


MAT 2525 MT= 64 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 5849. %



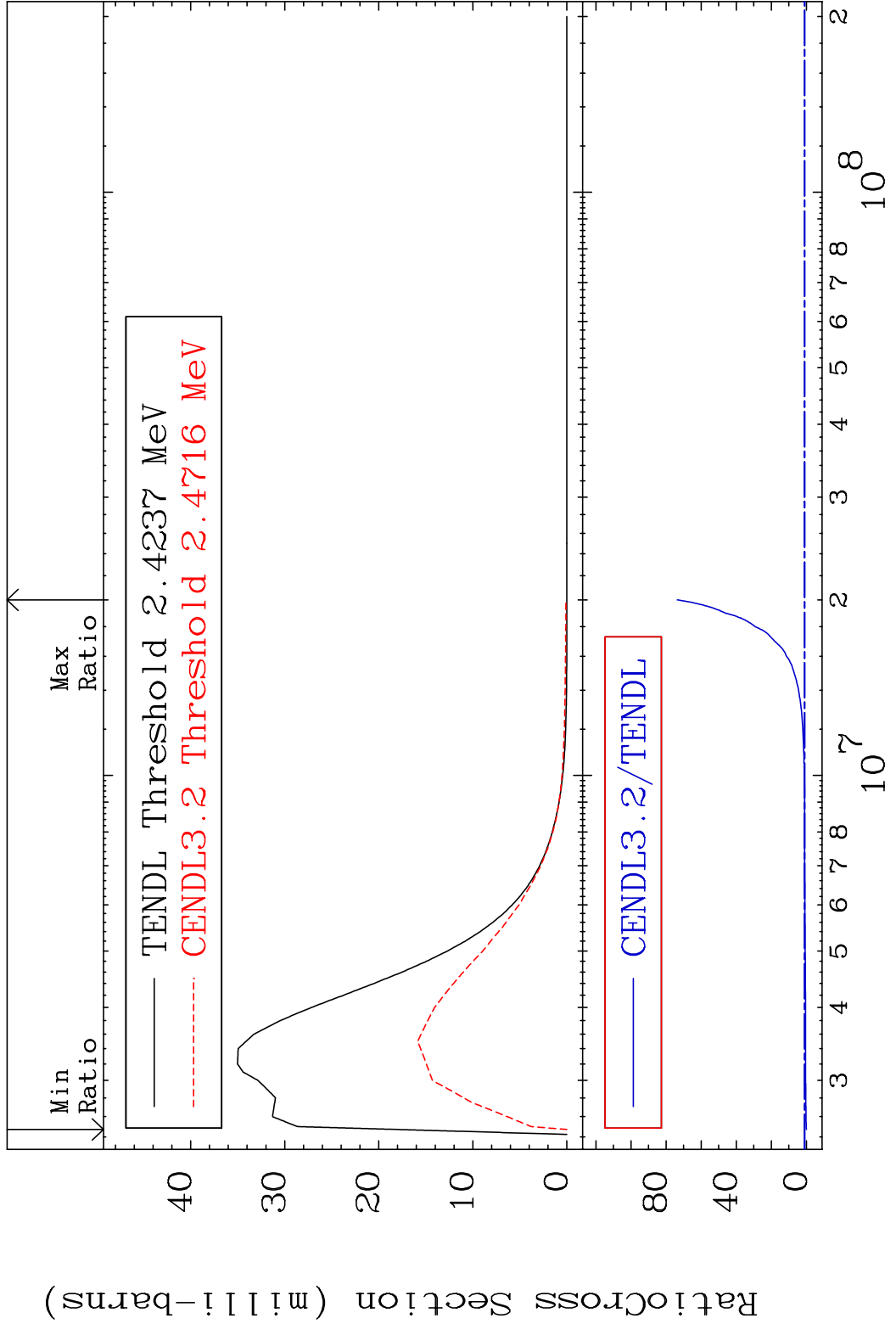
20 25-Mn-55

MAT 2525 MT= 65 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 9999. %

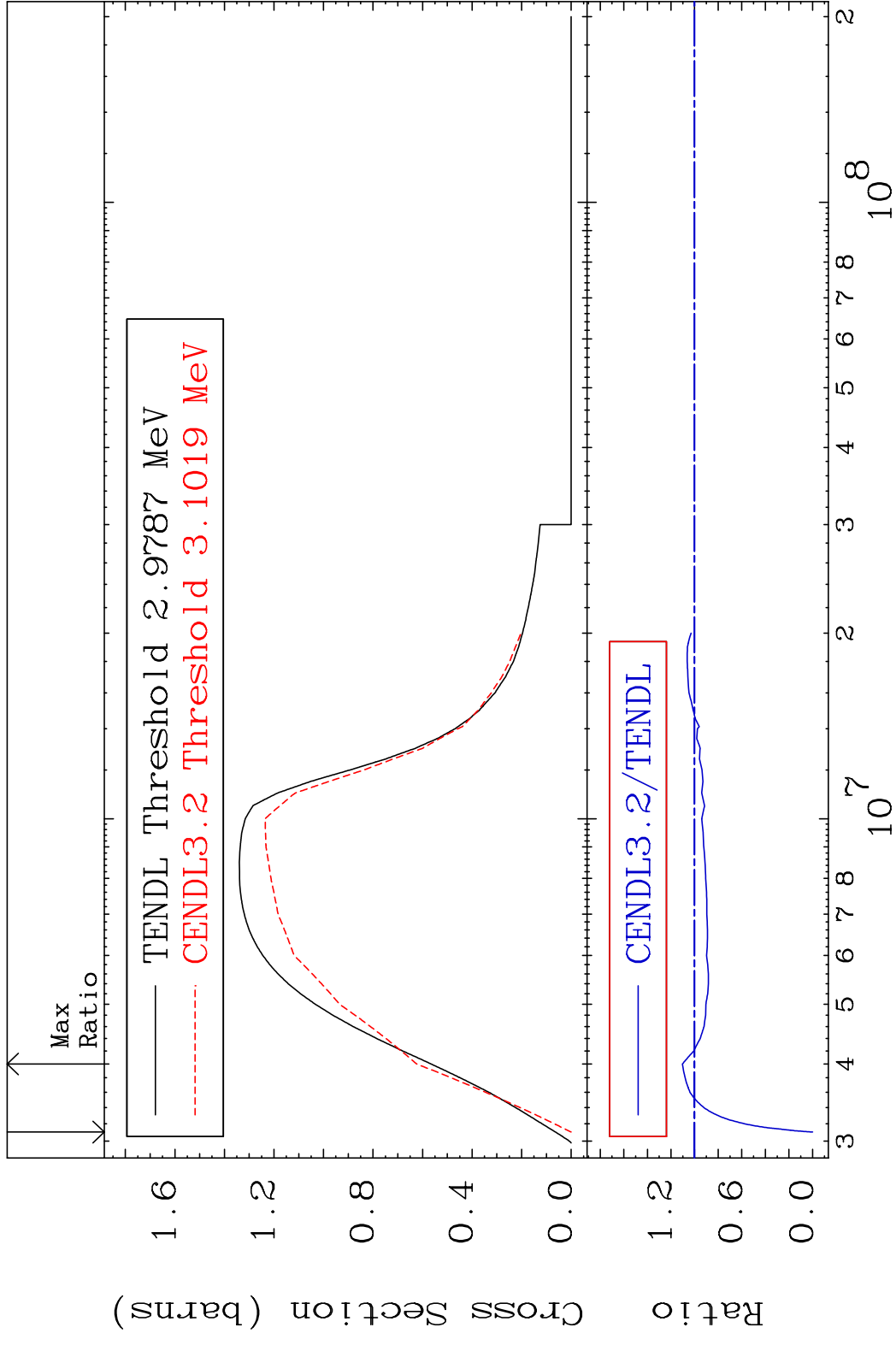


21 25-Mn-55

MAT 2525 MT= 66 (n, n') Level 25-Mn-55  
 Cross Section -100.0 To 7266. %



MAT 2525 (n, n') Continuum 25-Mn-55  
 Cross Section -100.0 To 10.36 %



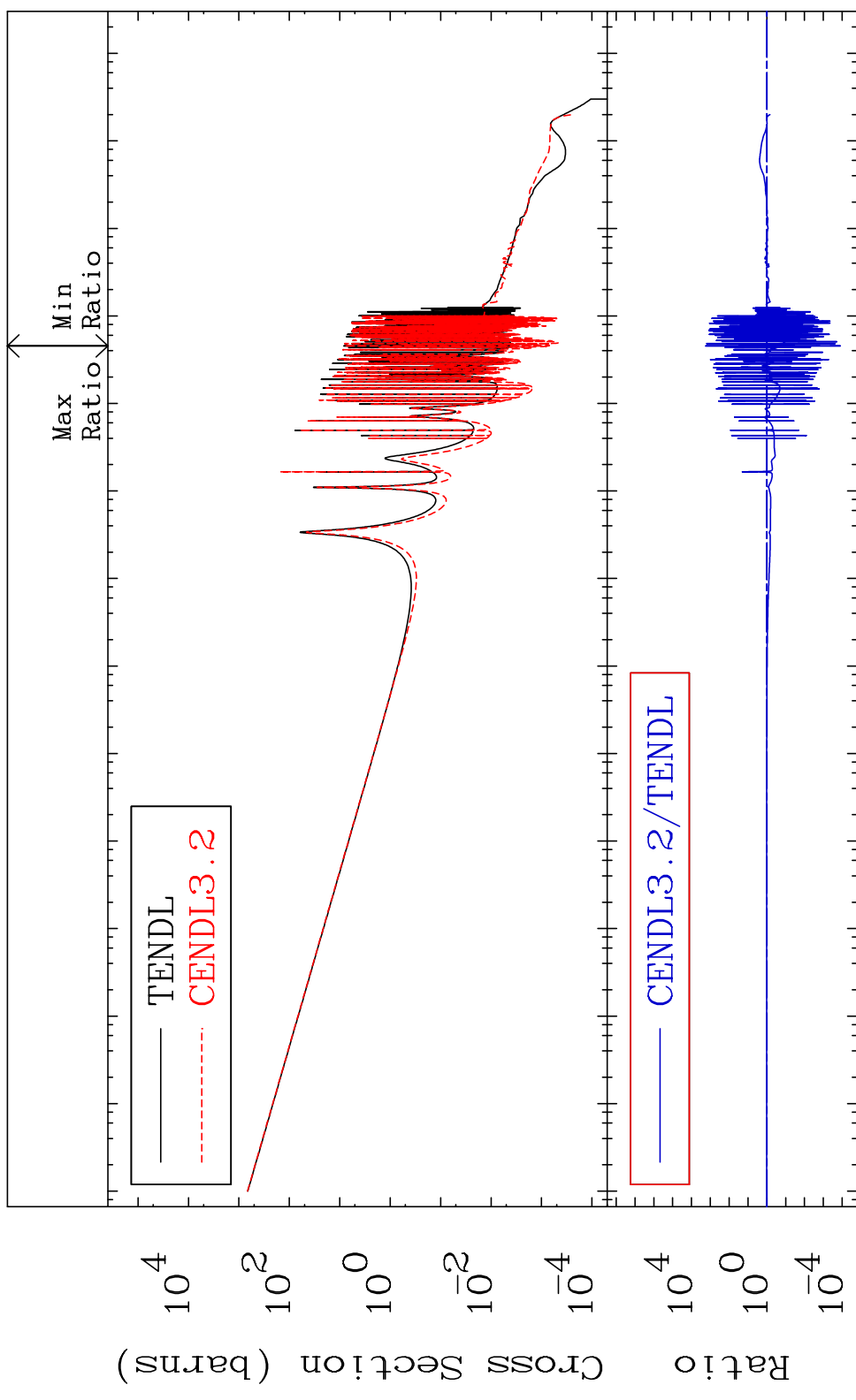


MAT 2525

(n,  $\gamma$ )

25-Mn-55

Cross Section -99.99 To 9999. %

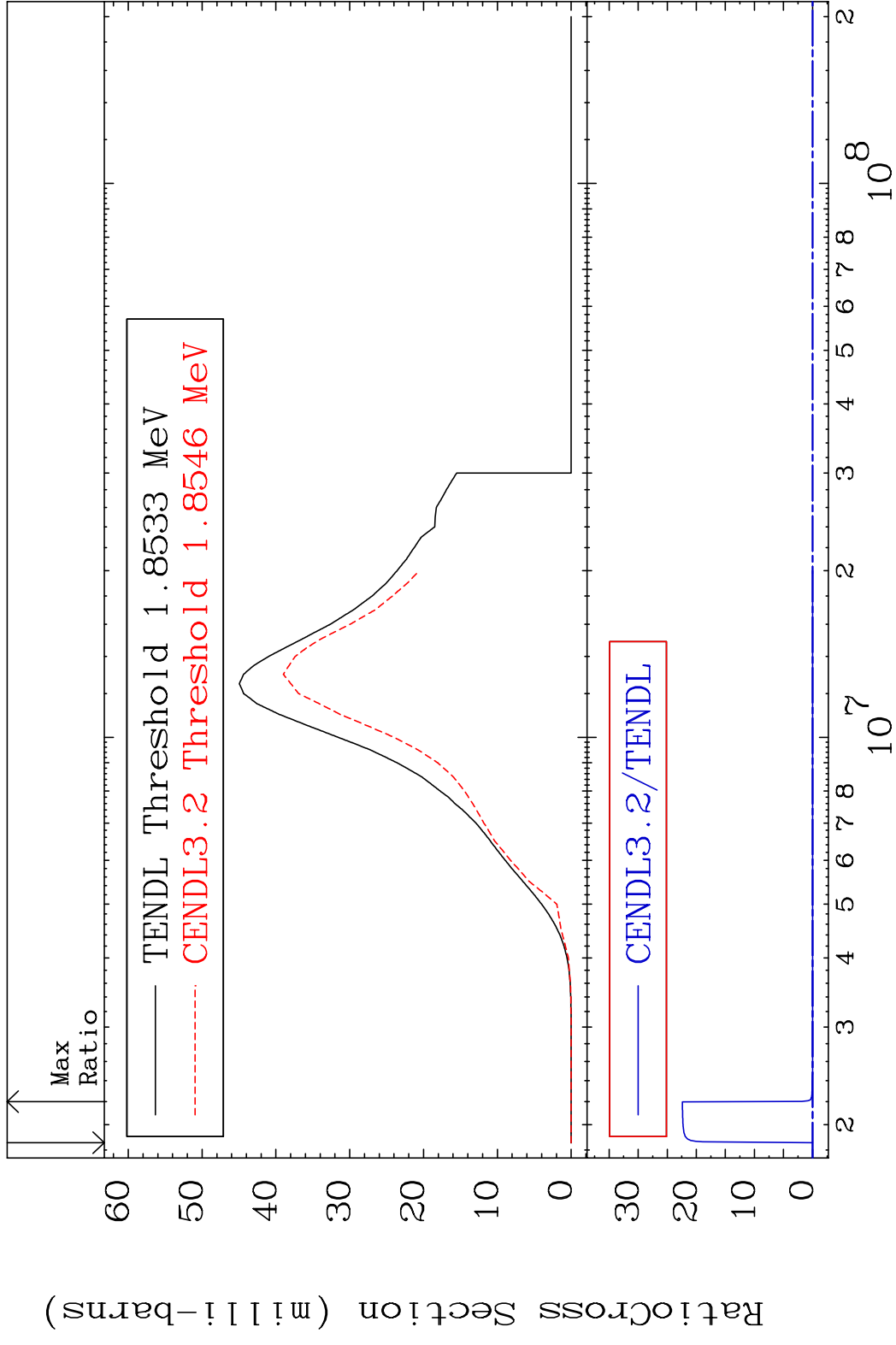


24

Incident Energy (eV)

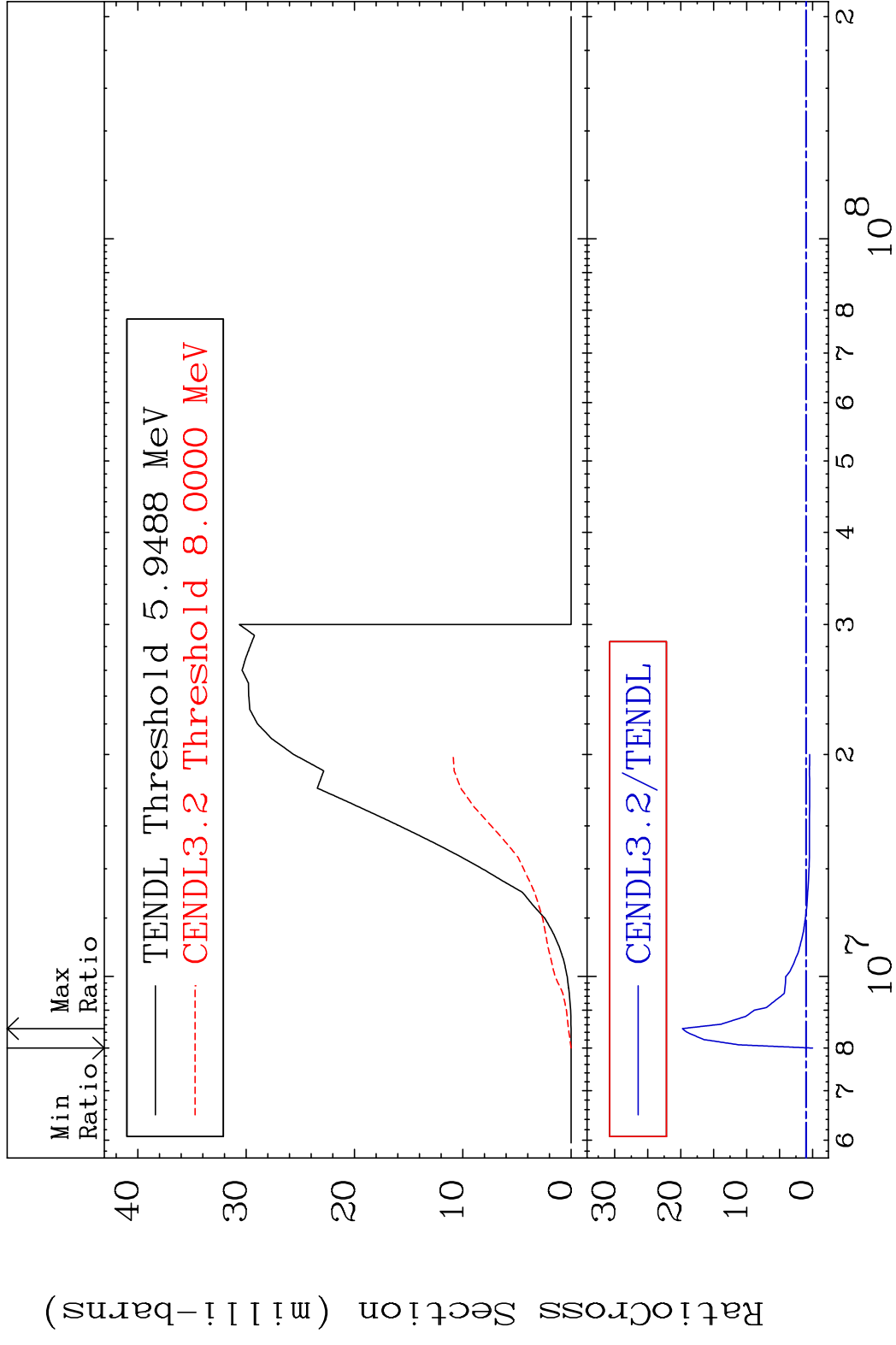
25-Mn-55

MAT 2525 (n,p) 25-Mn-55  
 Cross Section -100.0 To 9999. %

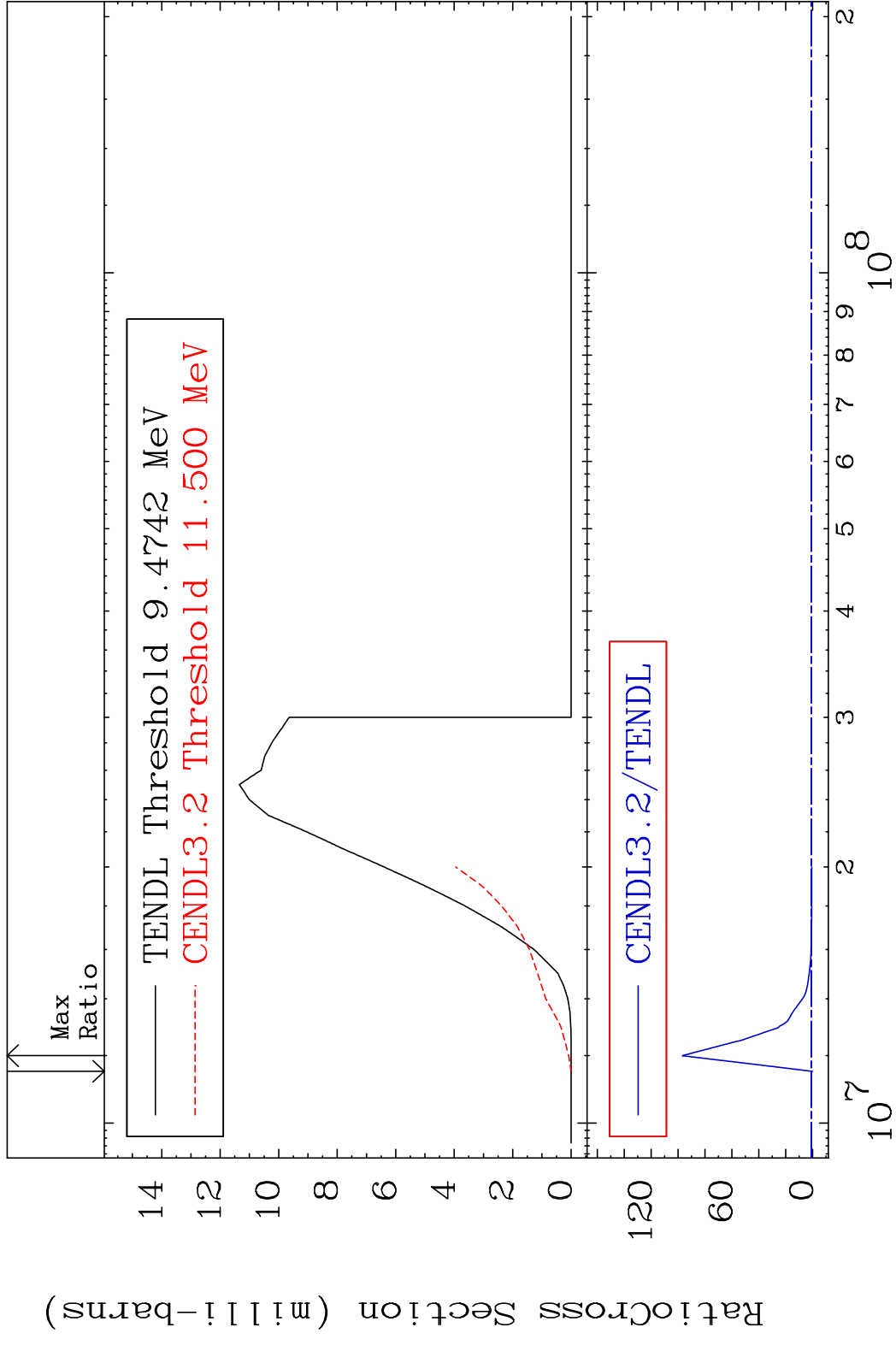


25 25-Mn-55

MAT 2525 (n,d) 25-Mn-55  
 Cross Section -100.0 To 1875. %

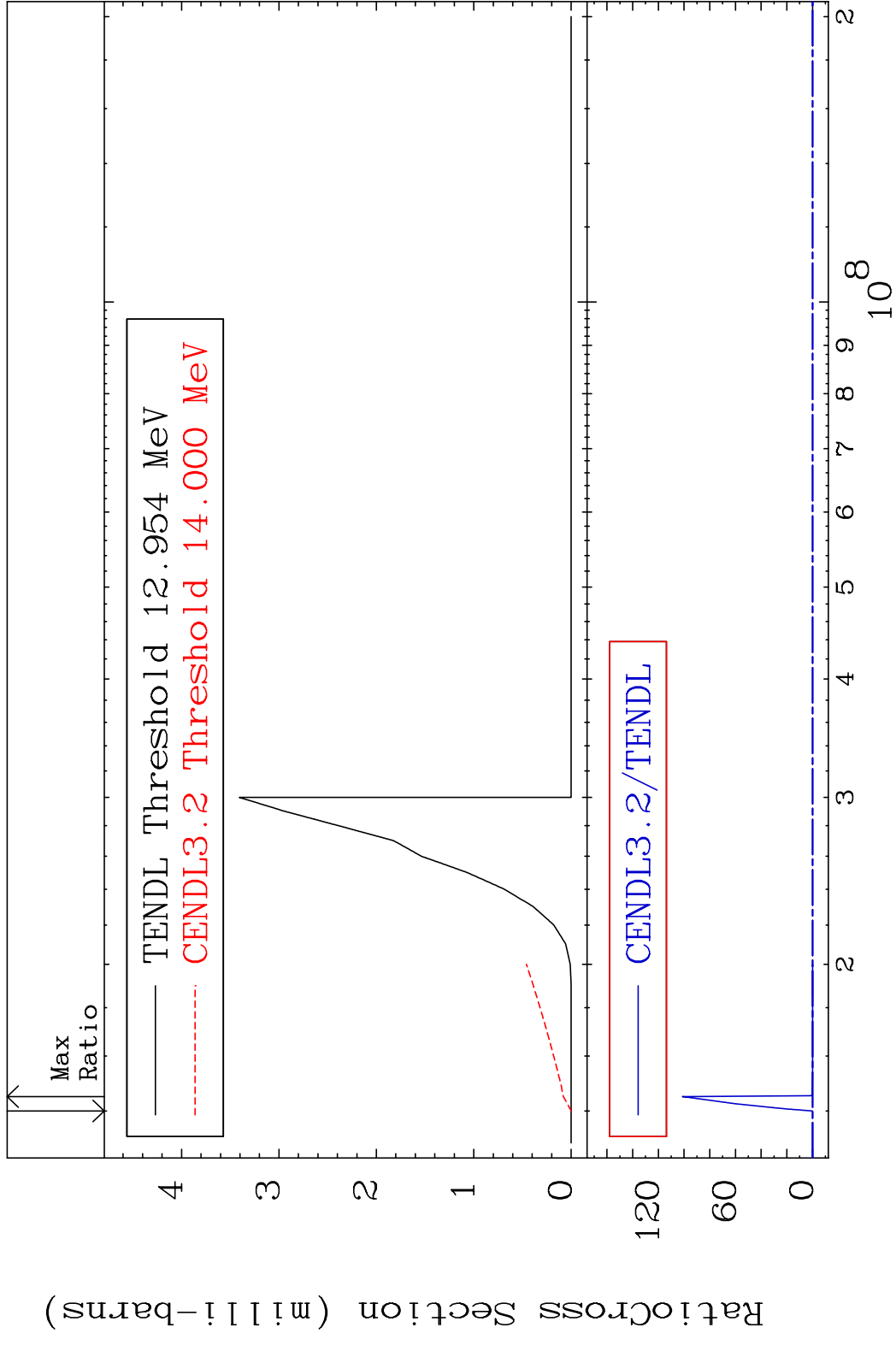


MAT 2525 (n, t) 25-Mn-55  
 Cross Section -100.0 To 9581. %

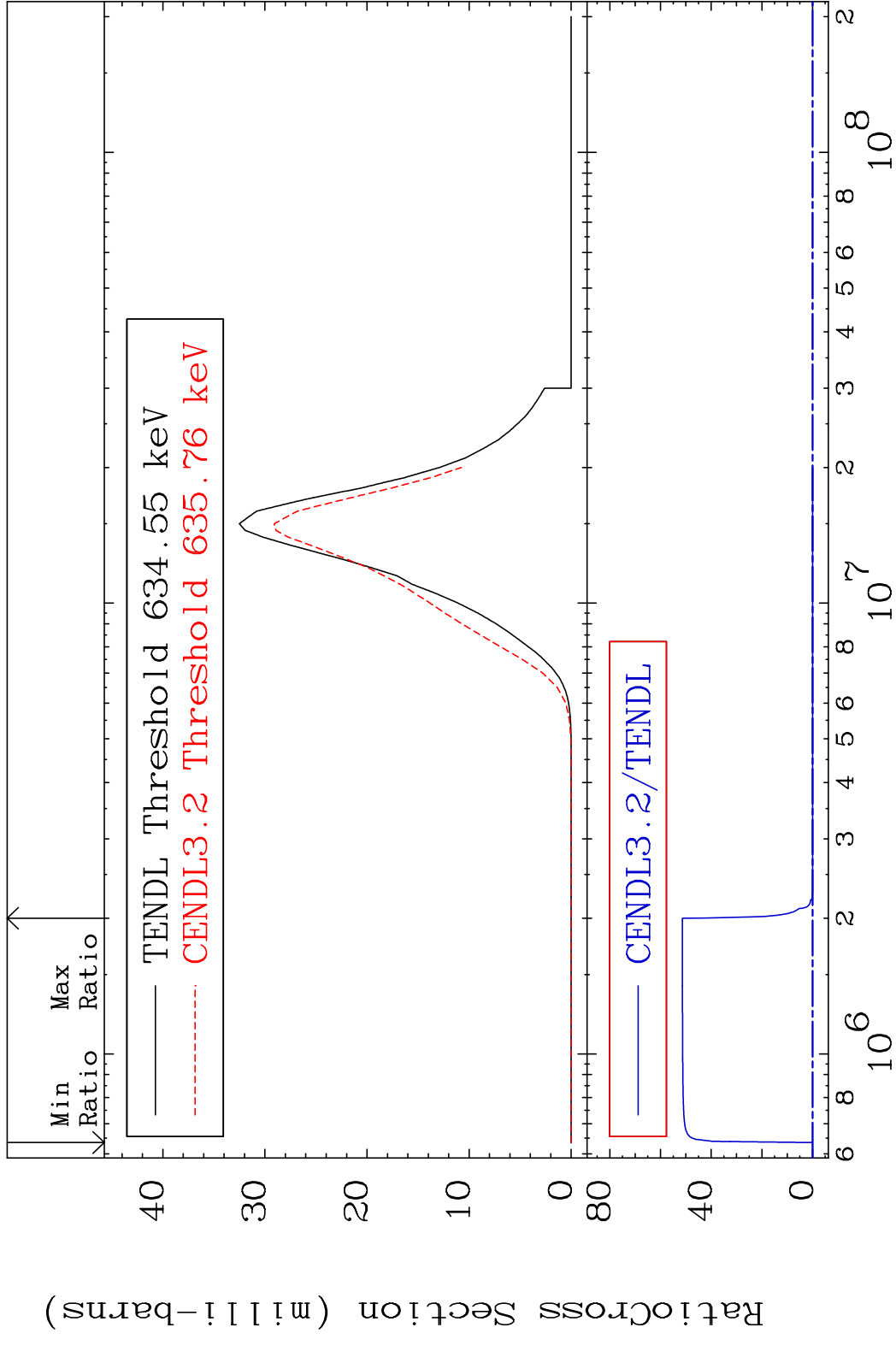


27 25-Mn-55

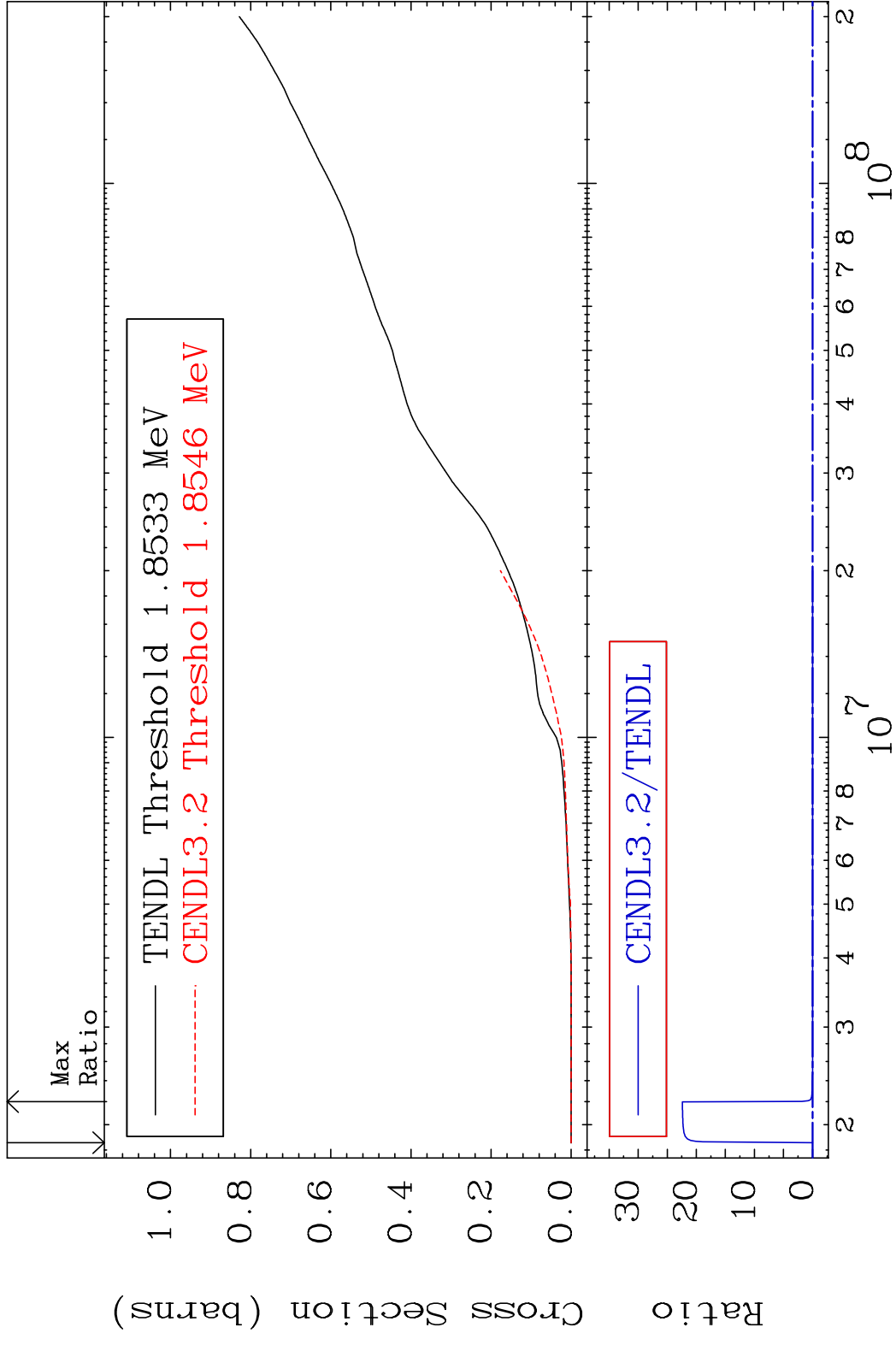
MAT 2525 (n, He-3) 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 (n,  $\alpha$ ) 25-Mn-55  
 Cross Section -100.0 To 9999. %

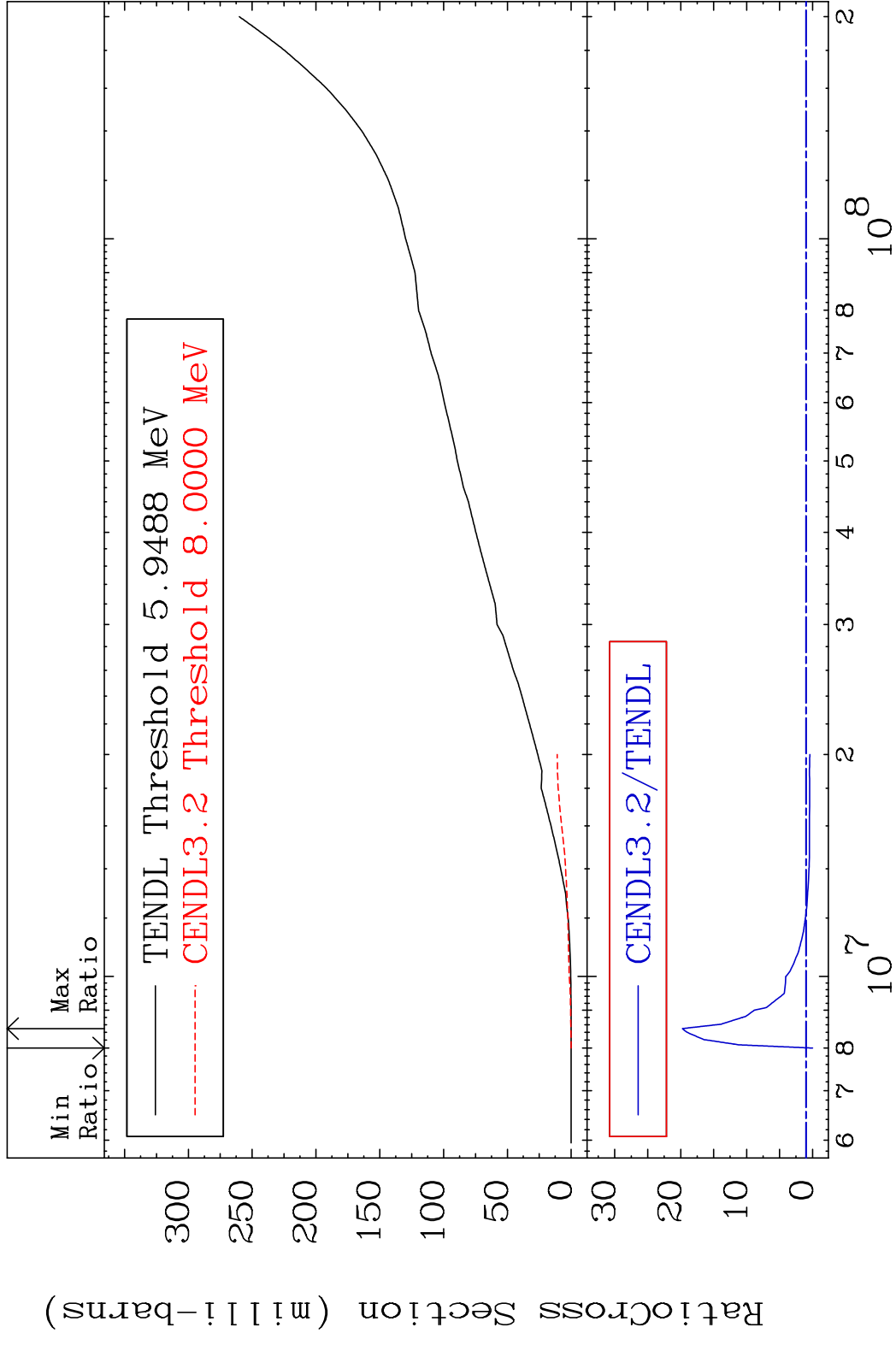


MAT 2525 Hydrogen Production 25-Mn-55  
 Cross Section -100.0 To 9999. %



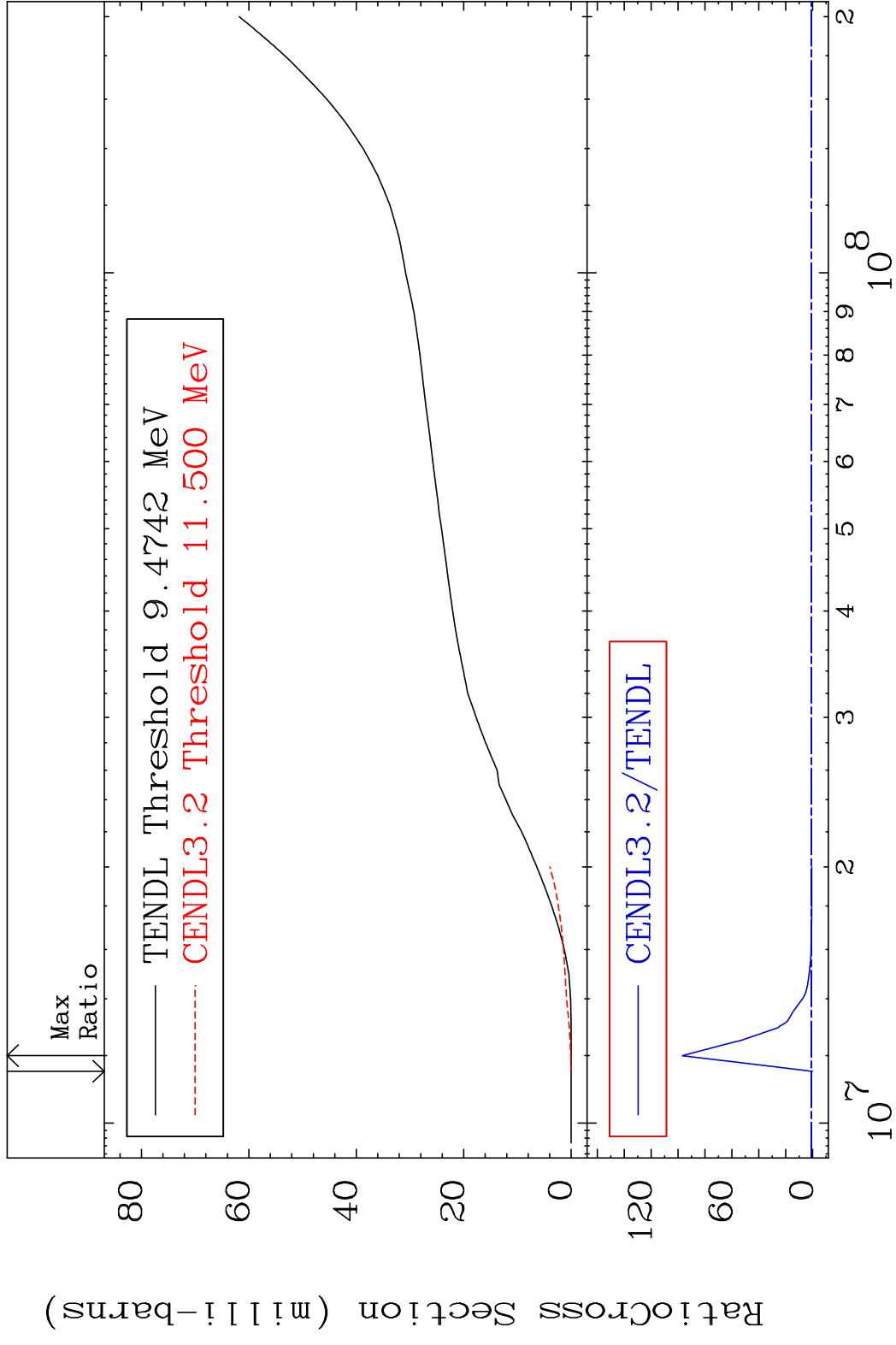
30 Incident Energy (eV) 25-Mn-55

MAT 2525 Deuterium Production 25-Mn-55  
 Cross Section -100.0 To 1875. %





MAT 2525 Tritium Production 25-Mn-55  
 Cross Section -100.0 To 9581. %



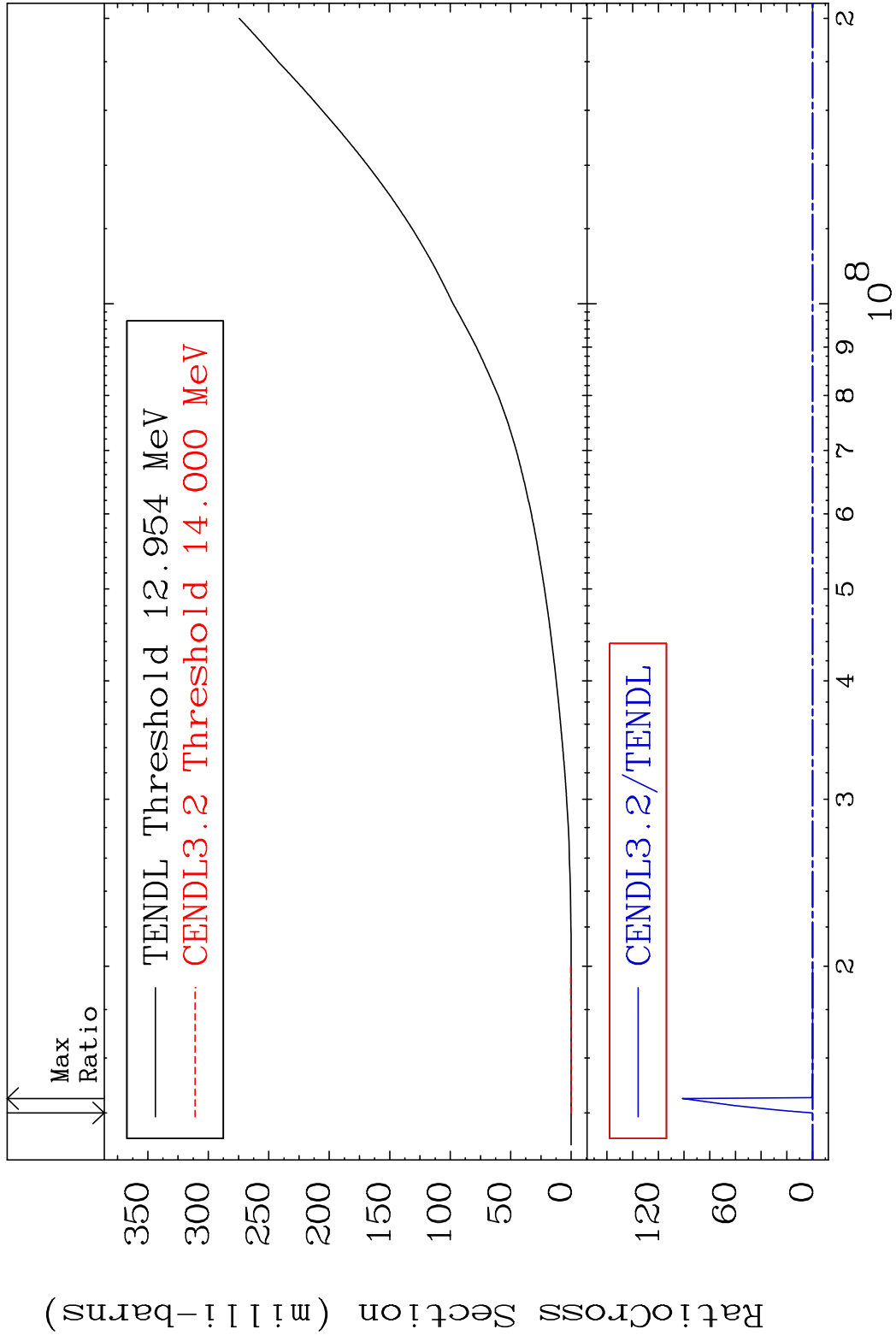
32 Incident Energy (eV) 25-Mn-55

MAT 2525

He-3 Production

25-Mn-55

Cross Section -100.0 To 9999. %

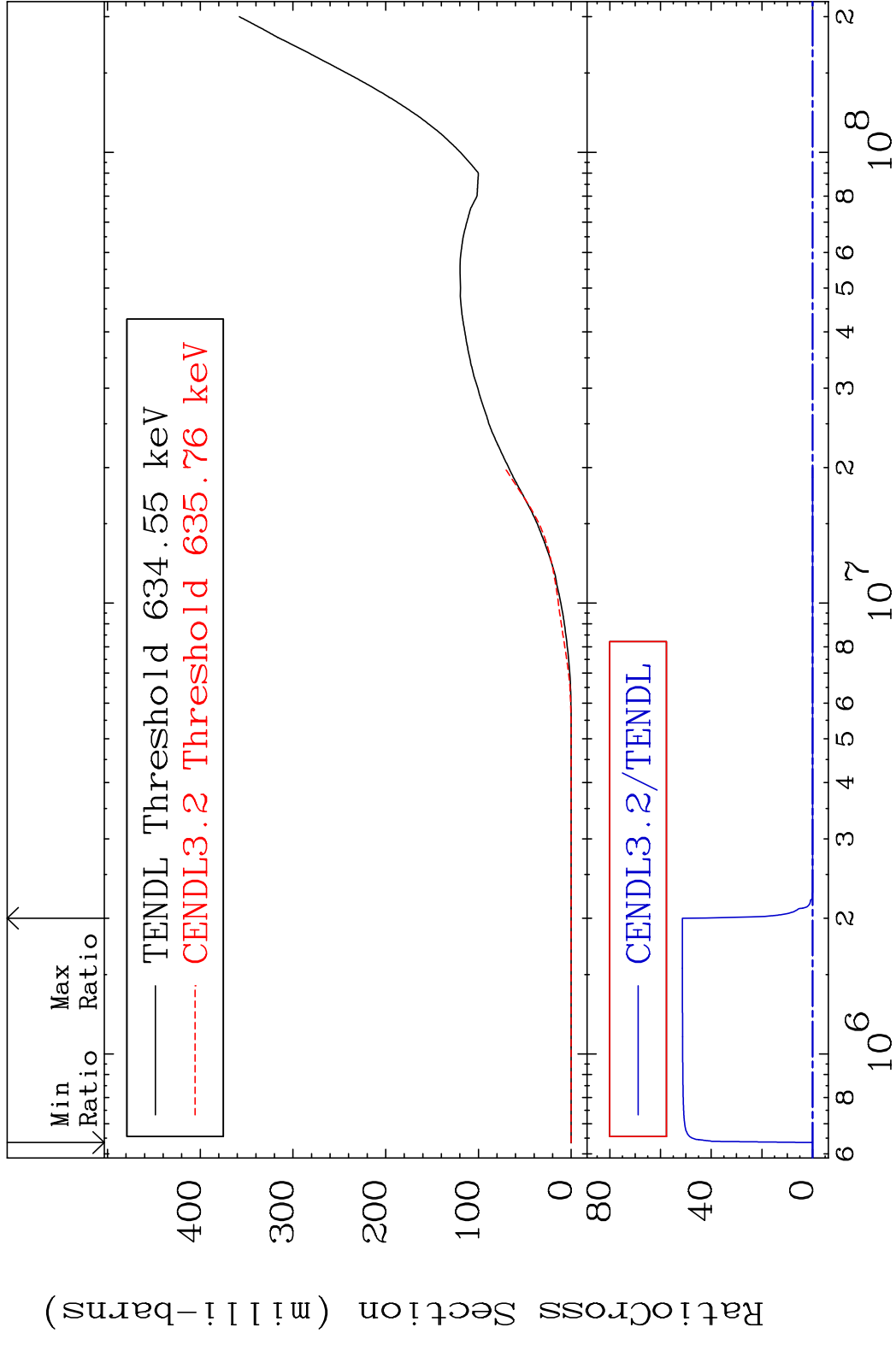


33

Incident Energy (eV)

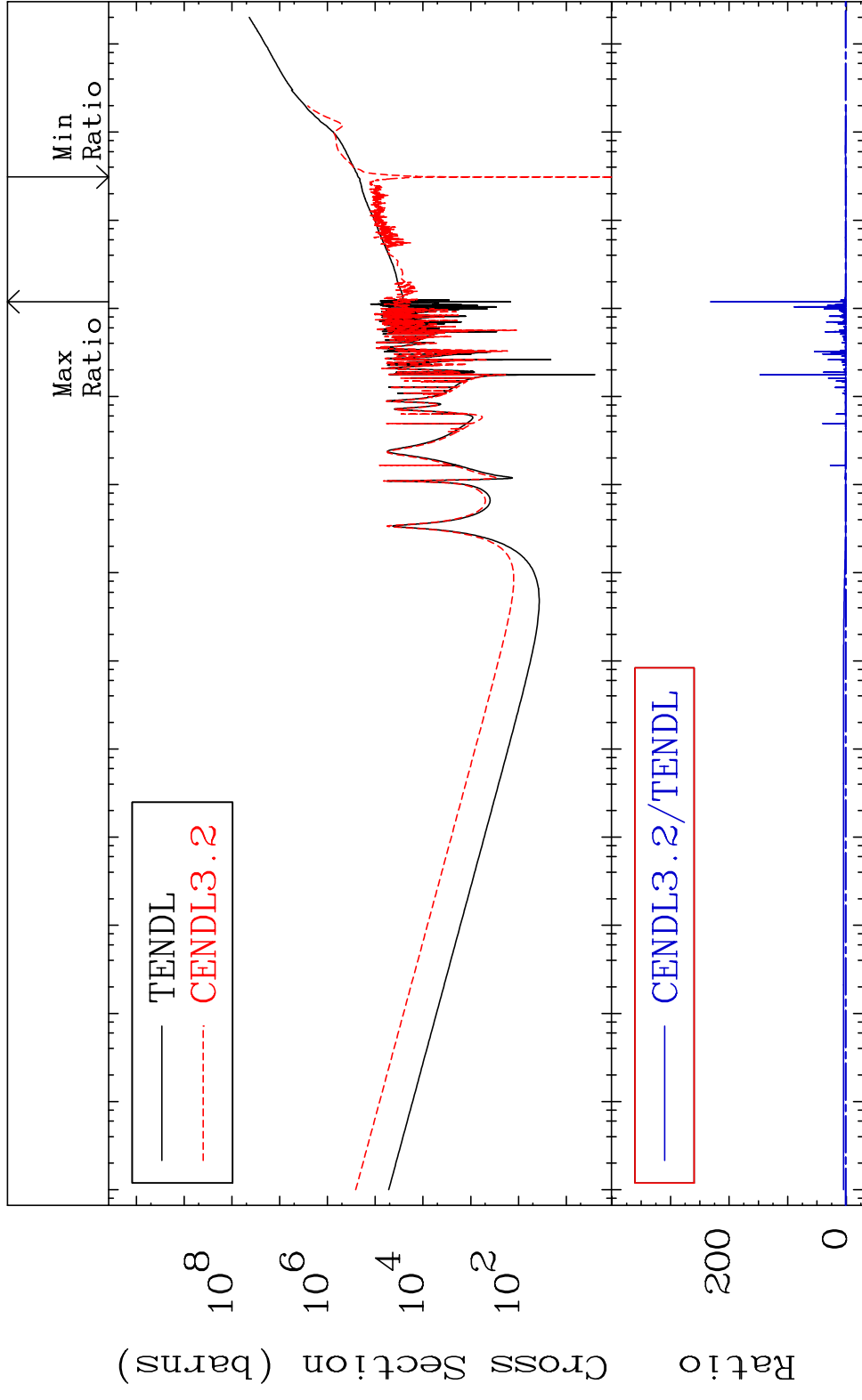
25-Mn-55

MAT 2525 He-4 Production 25-Mn-55  
 Cross Section -100.0 To 9999. %



34 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma total (eV-barns) 25-Mn-55  
 Cross Section -101.0 To 9999. %

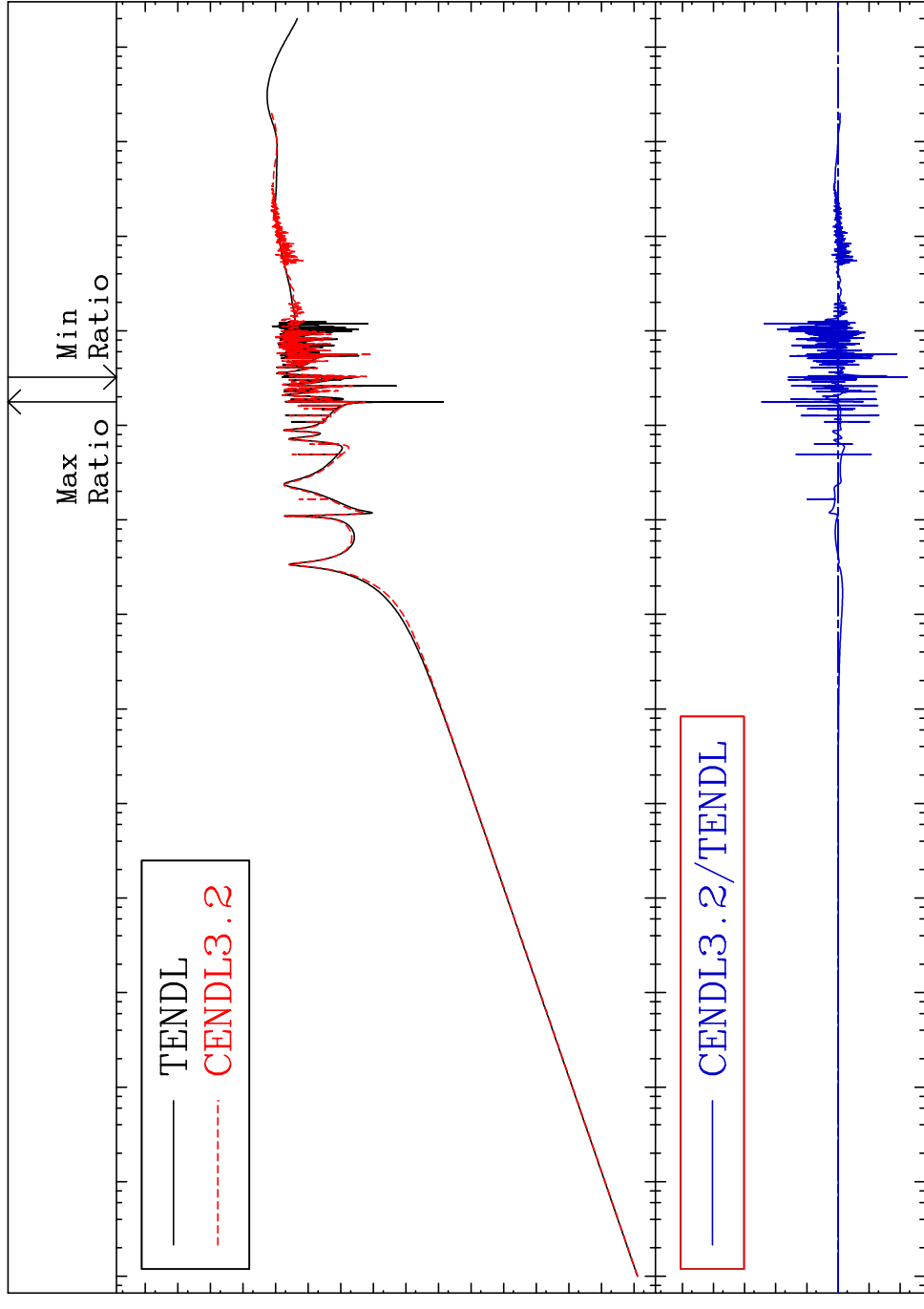


35 Incident Energy (eV) 25-Mn-55

MAT 2525

Kerma elastic  
Cross Section

25-Mn-55  
-99.41 To 9999. %

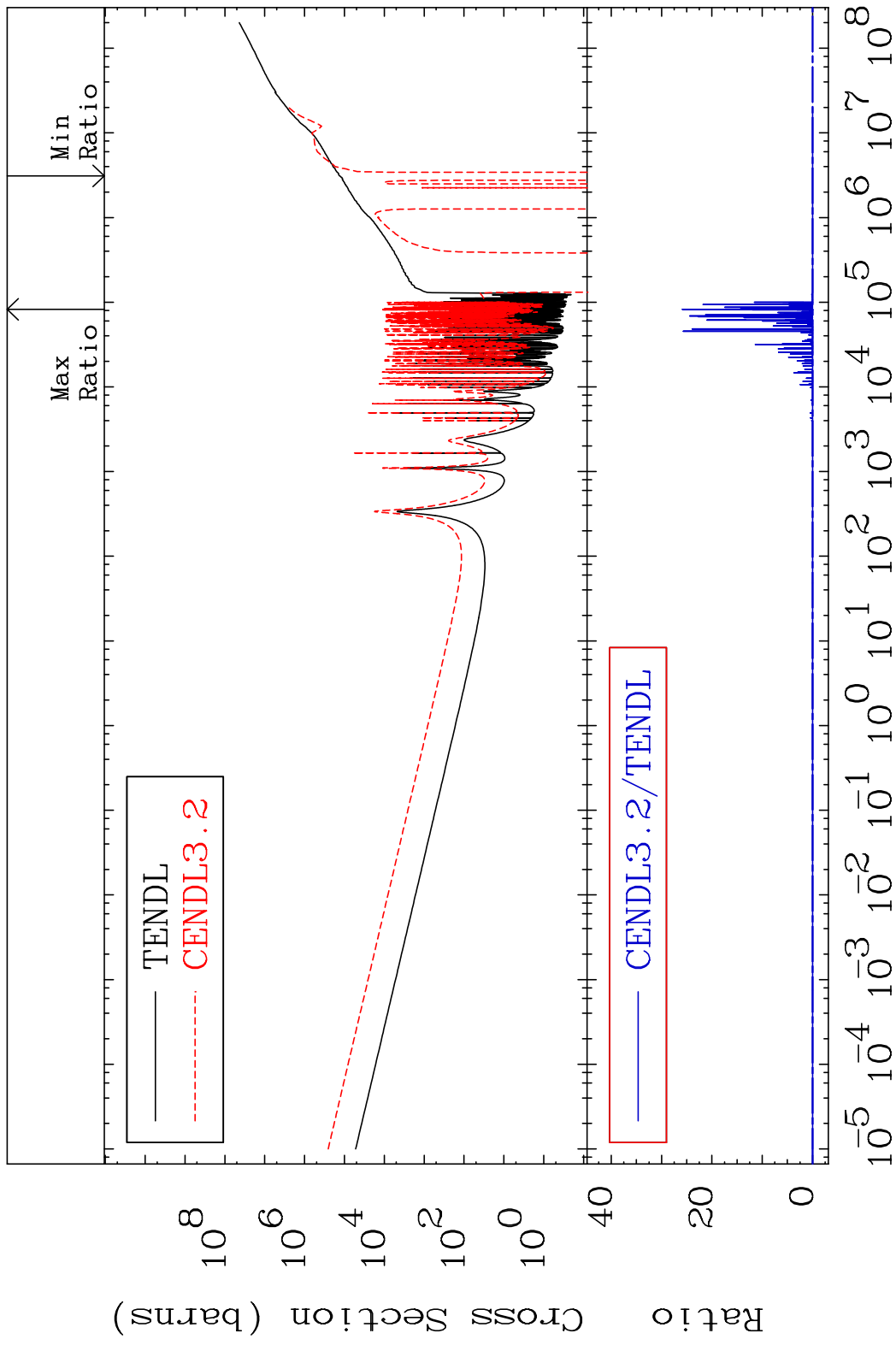


Incident Energy (eV)

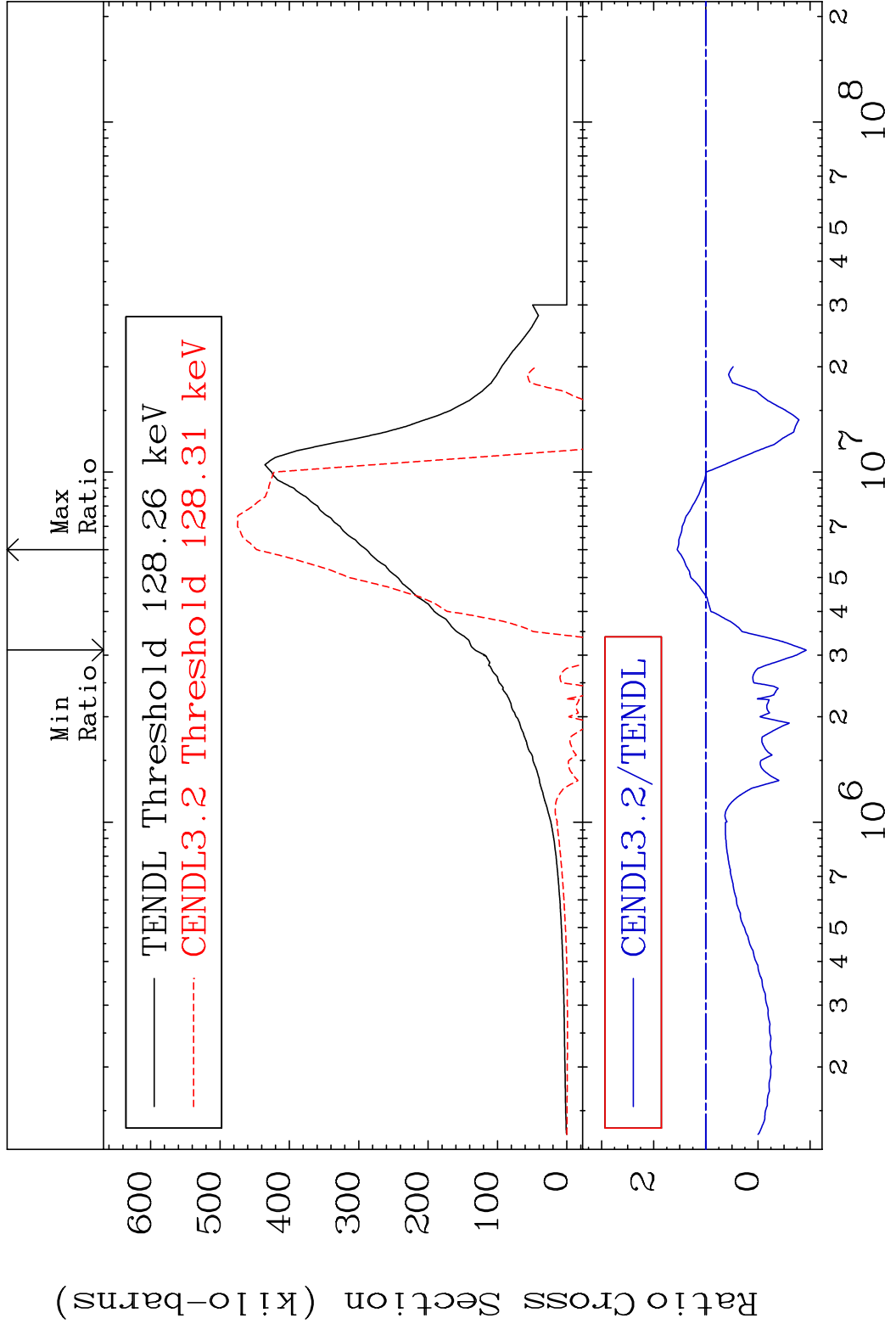
36

25-Mn-55

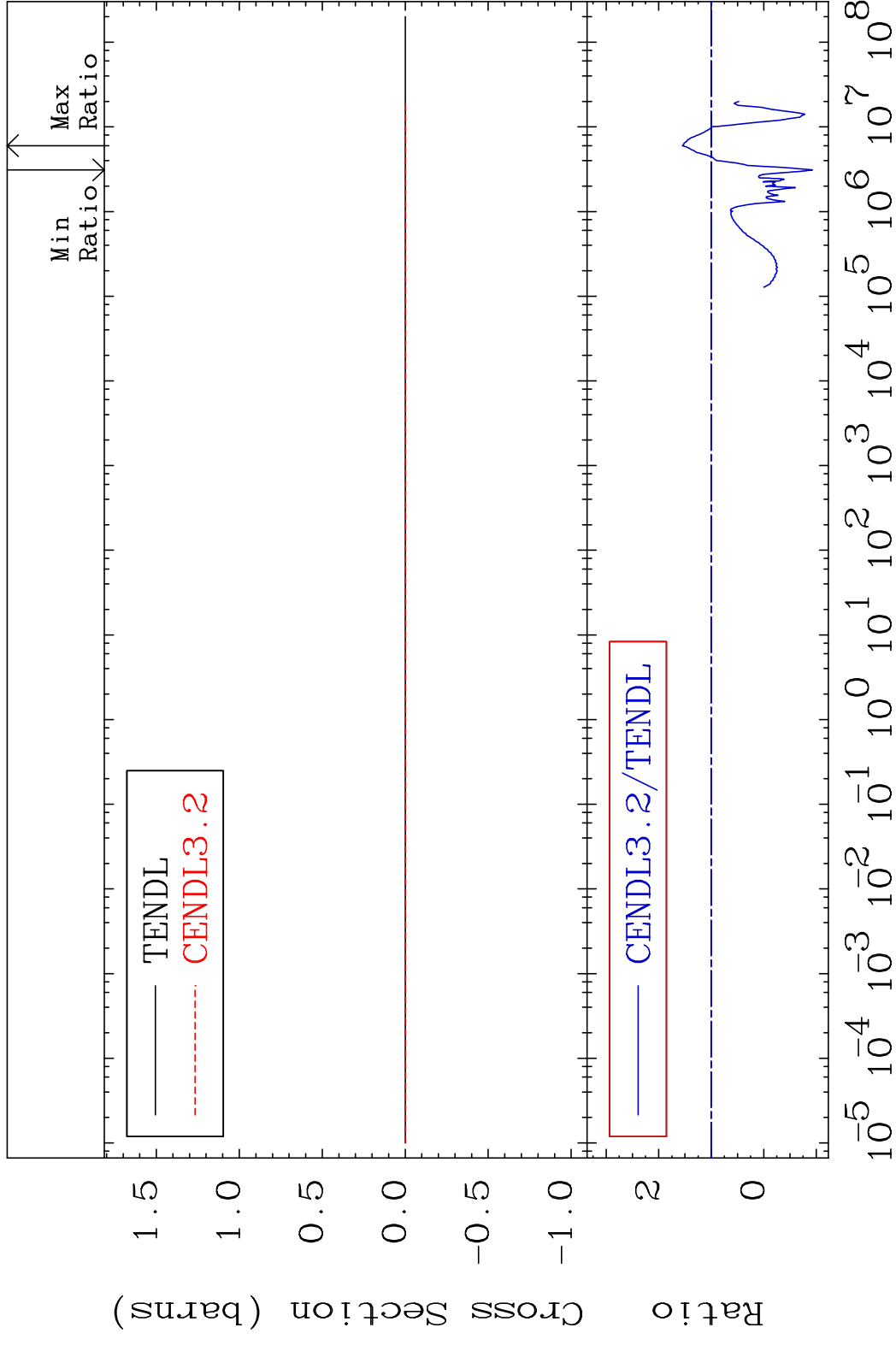
MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55  
 Cross Section -192.8 To 9999. %



MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55  
 Cross Section -192.9 To 54.91 %

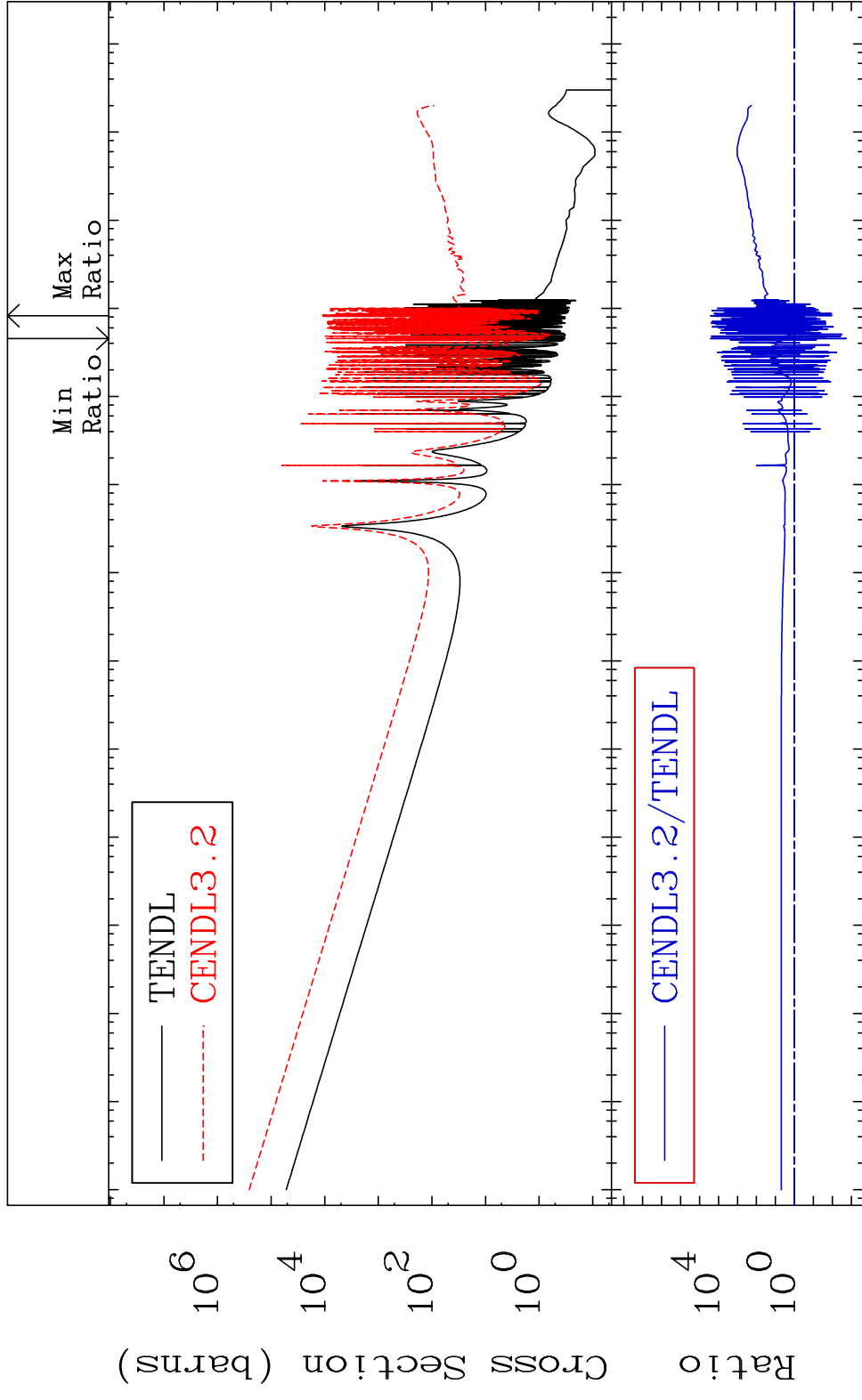


MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55  
 Cross Section -192.9 To 54.91 %



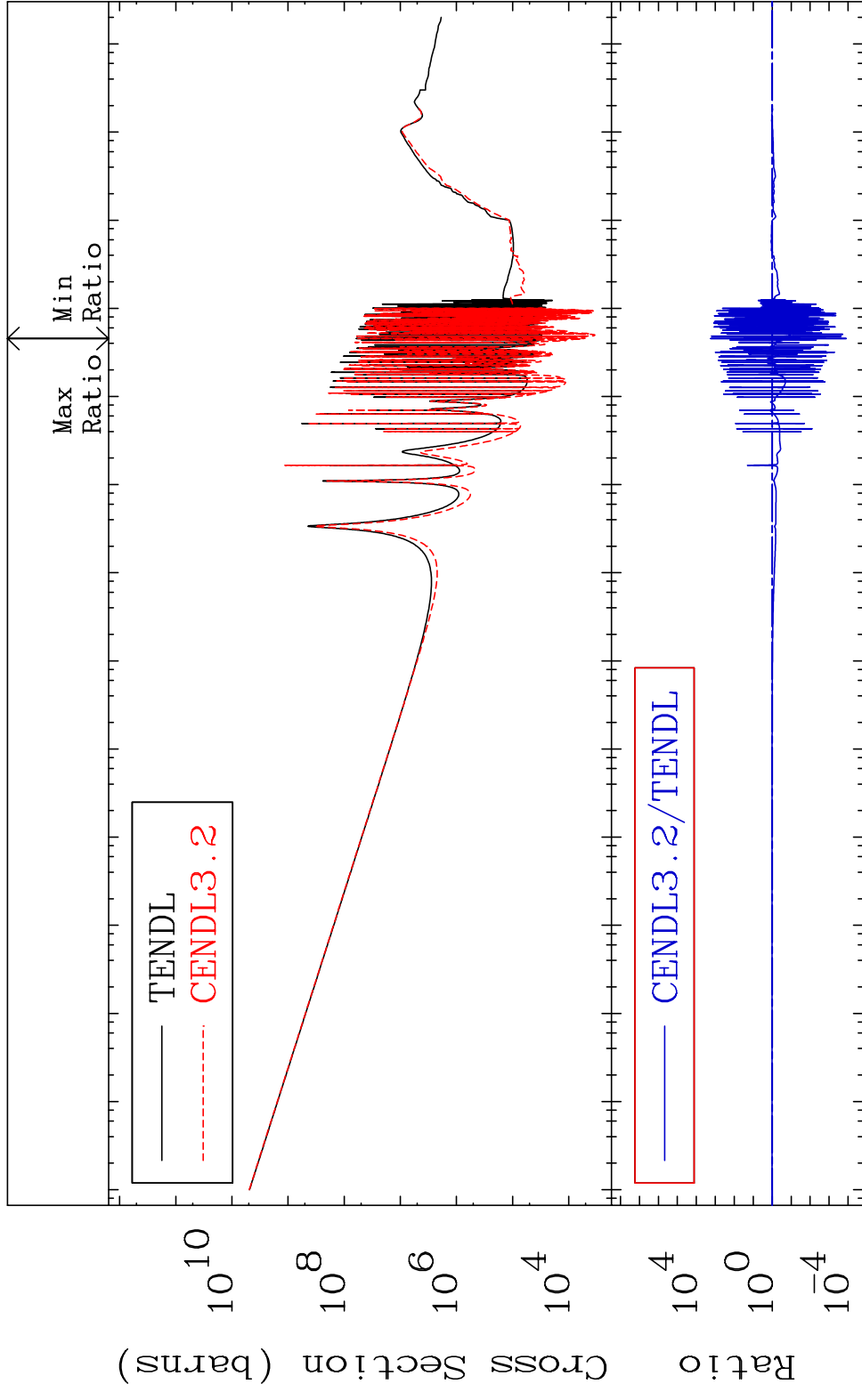


MAT 2525 Kerma capture (mt102) 25-Mn-55  
 Cross Section -99.82 To 9999. %



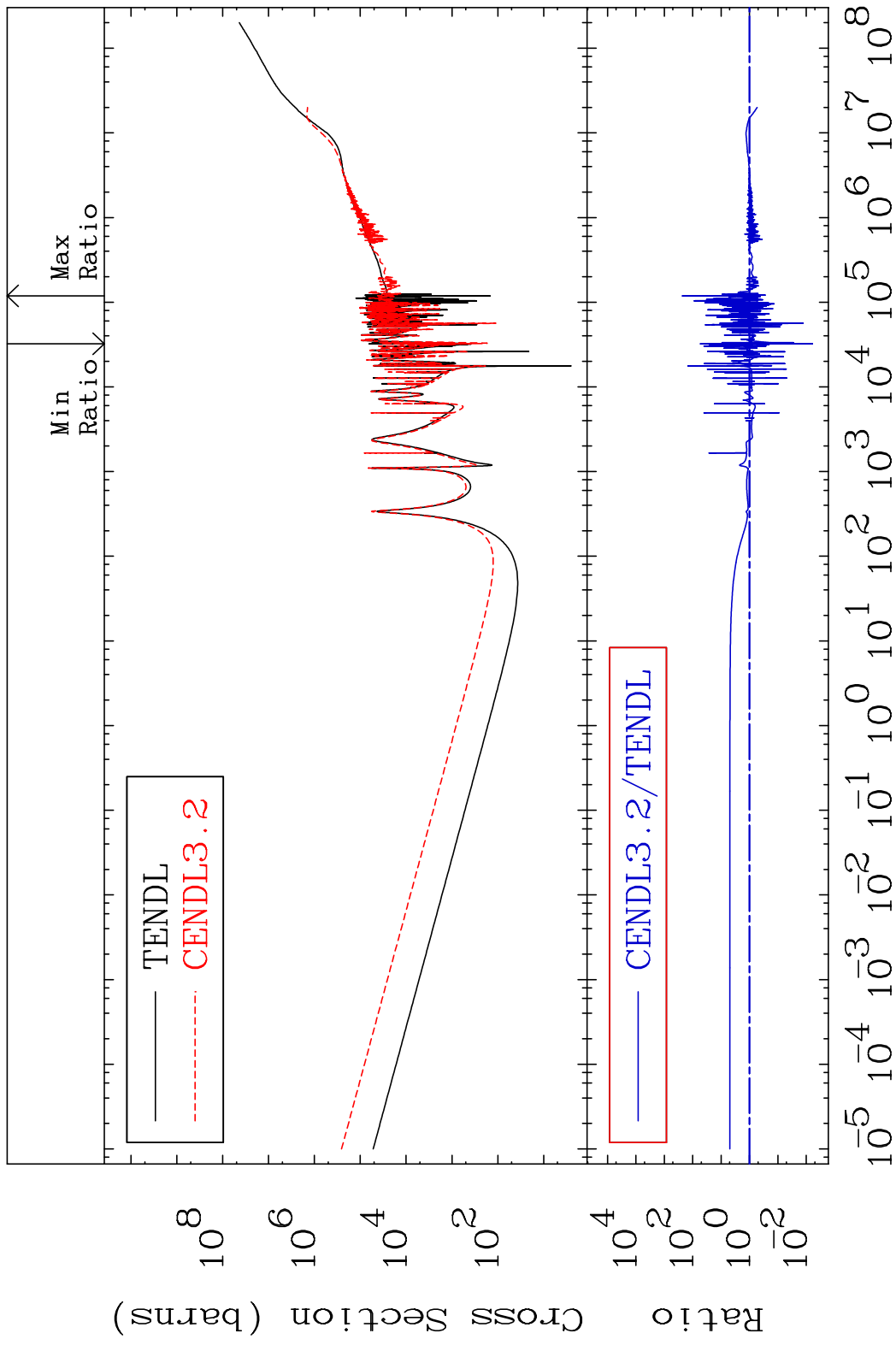
40 Incident Energy (eV) 25-Mn-55

MAT 2525 Total photon (eV-barns) 25-Mn-55  
Cross Section -99.99 To 9999. %

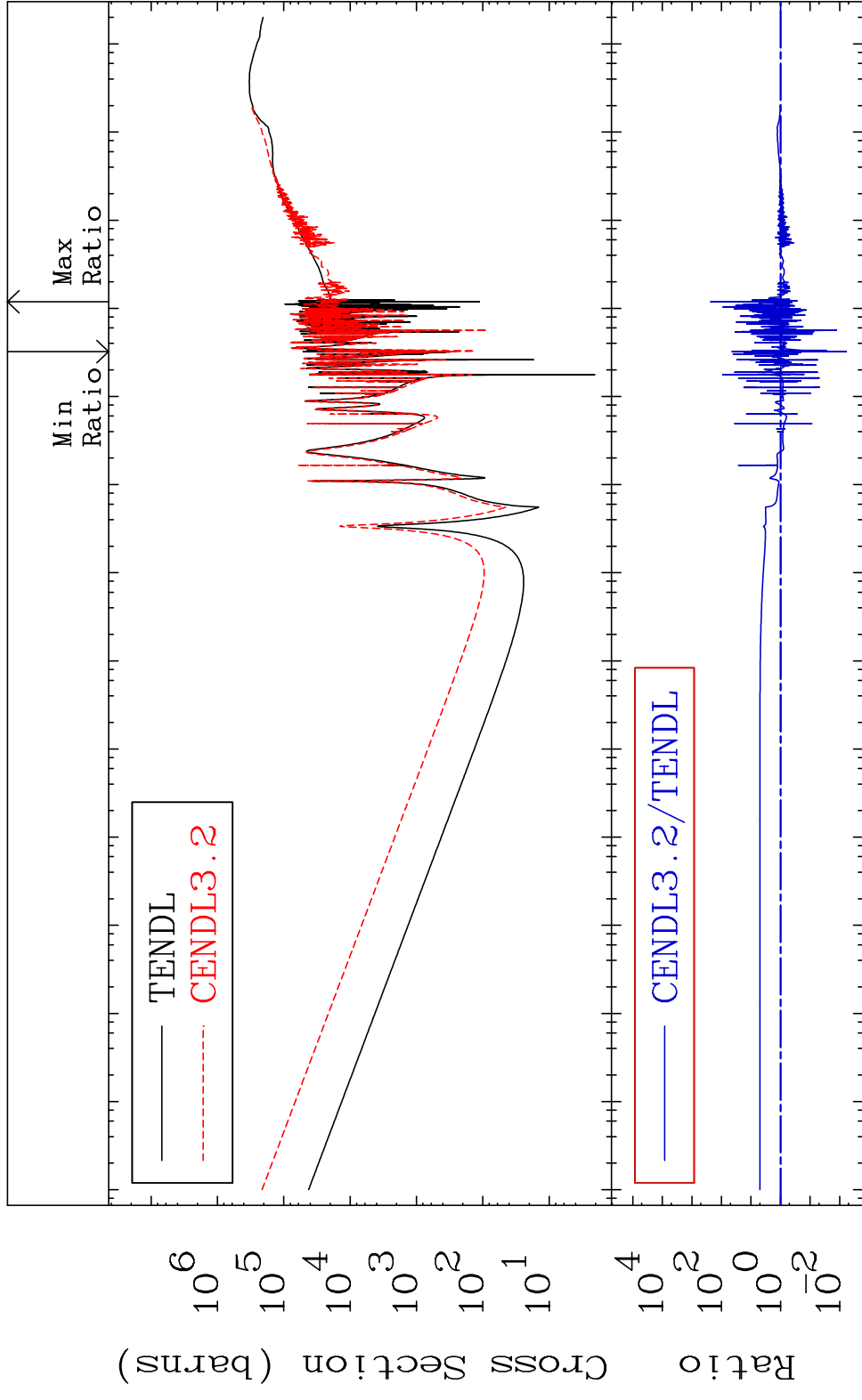


41 Incident Energy (eV) 25-Mn-55

MAT 2525 Total kinematic kerma (high limit) 25-Mn-55  
Cross Section -99.40 To 9999. %



MAT 2525      Dpa total (eV-barns)      25-Mn-55  
 Cross Section      -99.41 To 9999. %



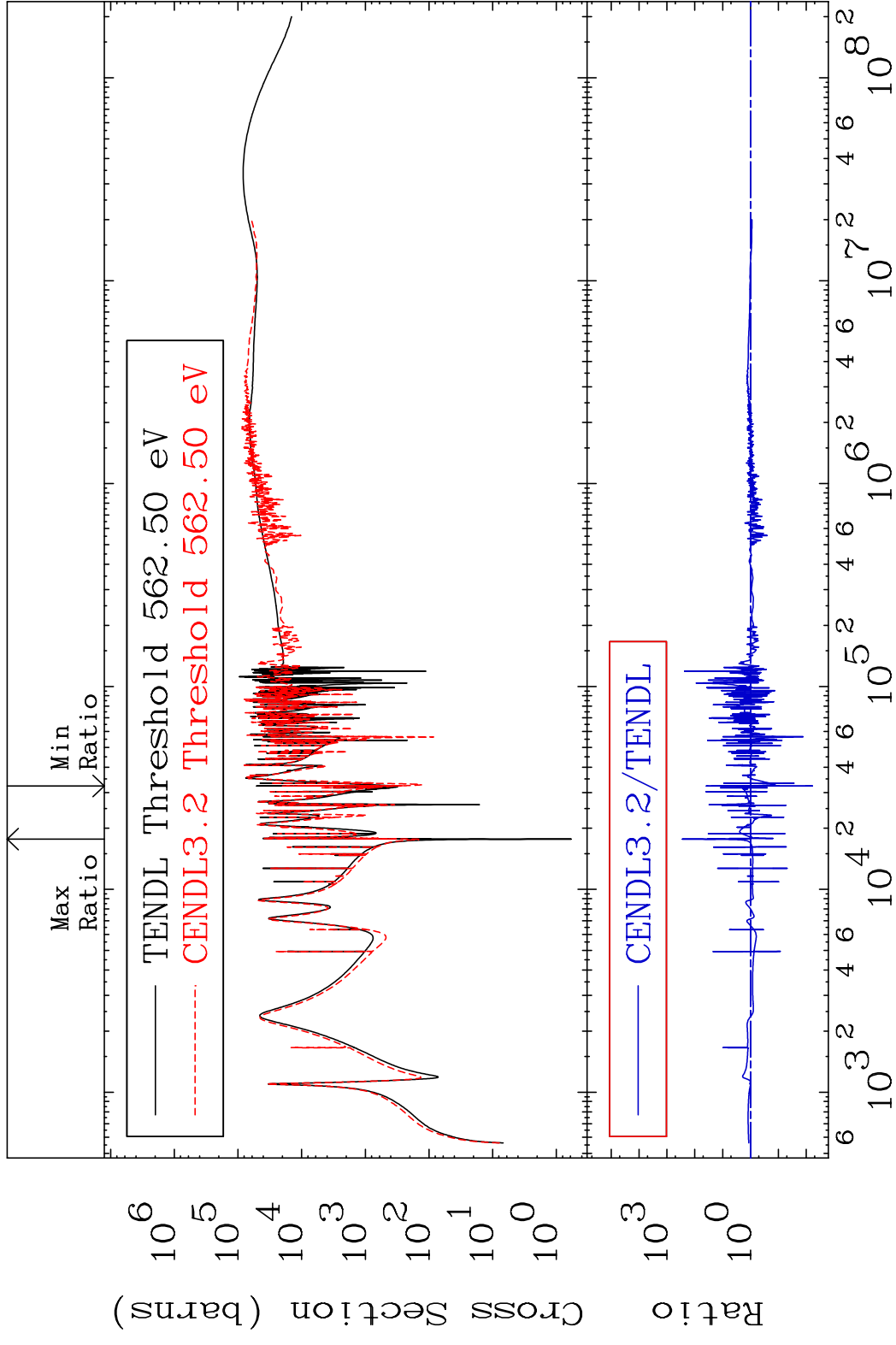
43      Incident Energy (eV)      25-Mn-55

MAT 2525

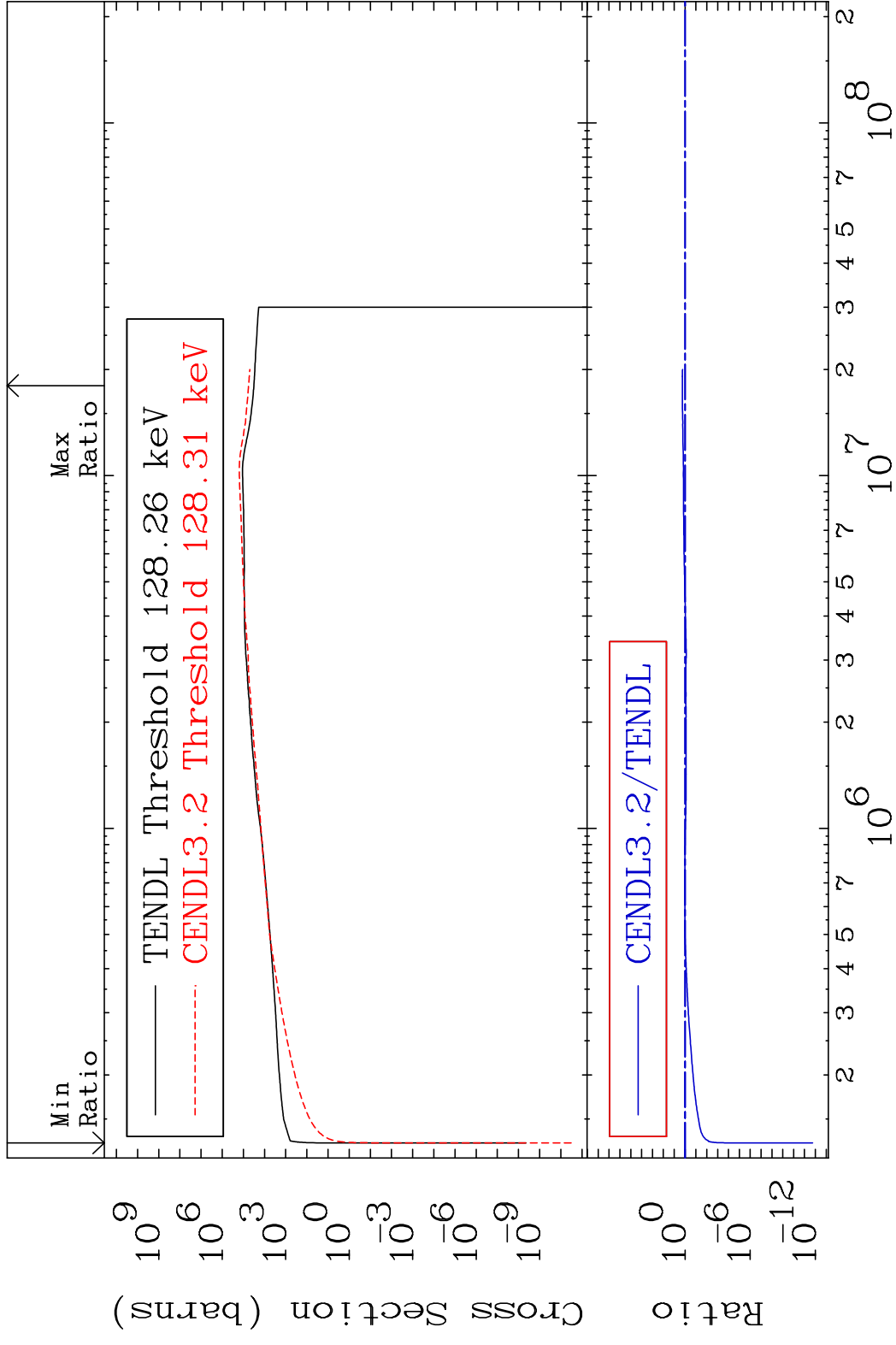
Dpa elastic (mt2)

25-Mn-55

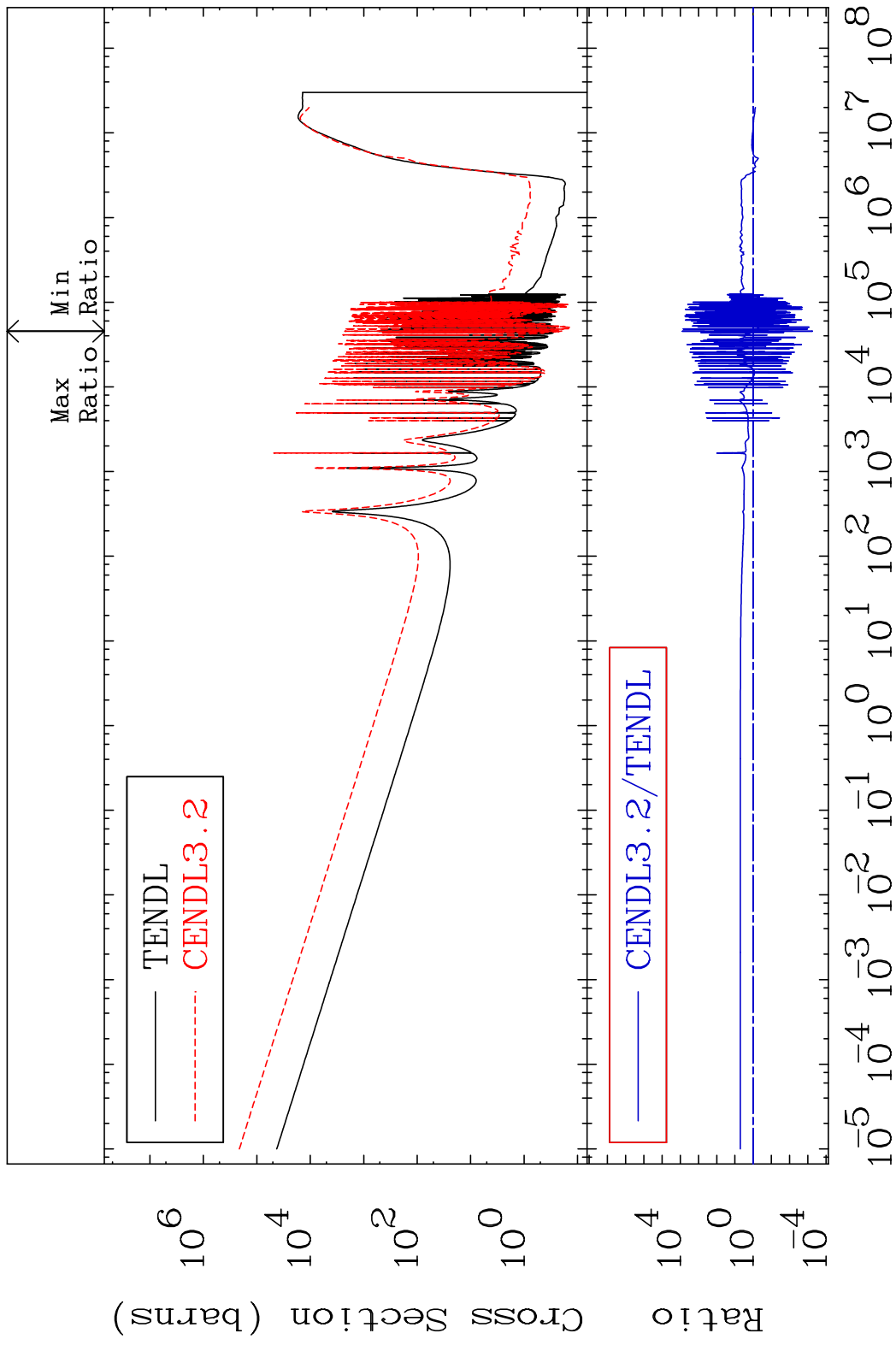
Cross Section -99.41 To 9999. %



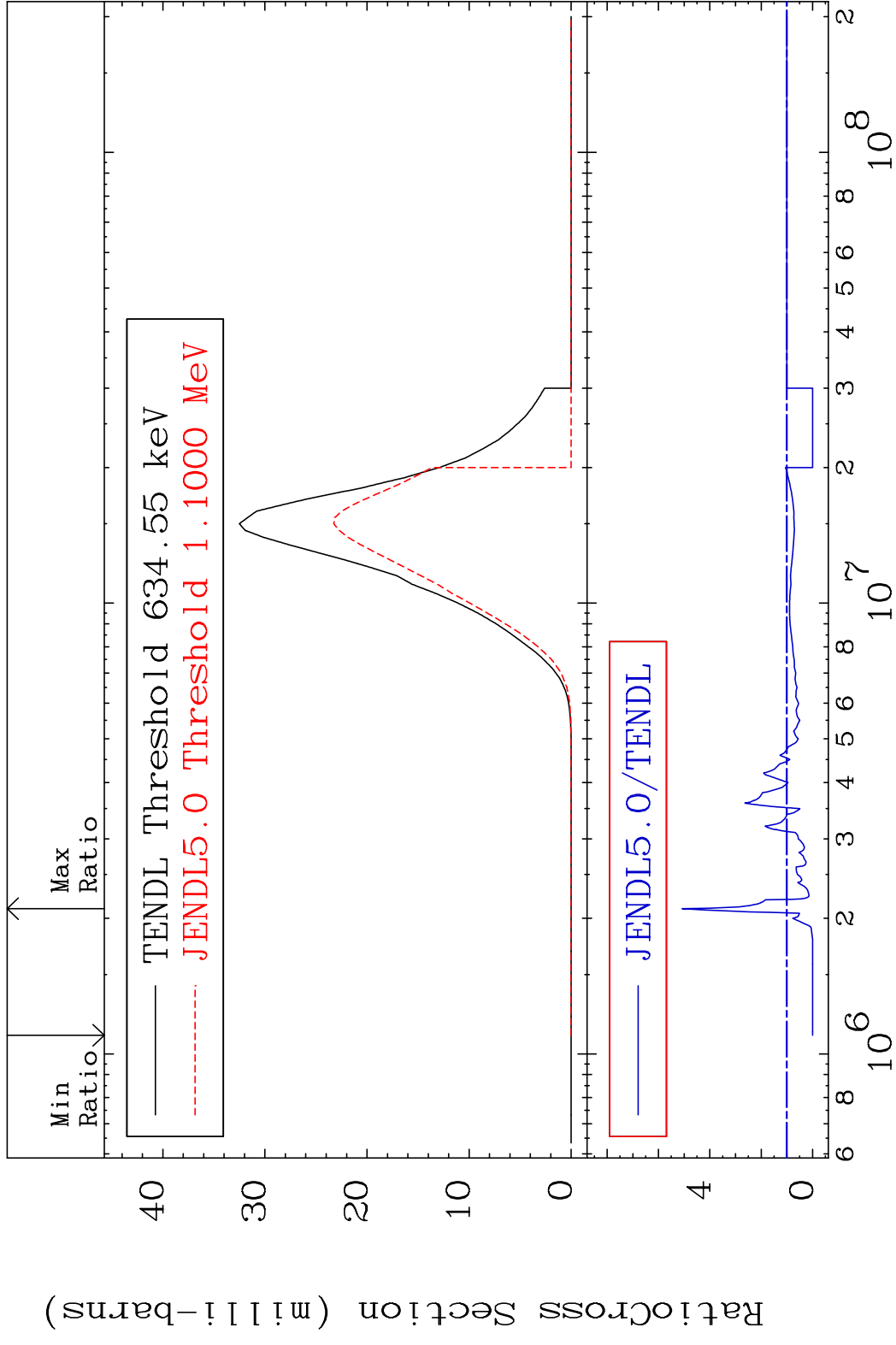
MAT 2525      Dpa inelastic (mt51-91)      25-Mn-55  
 Cross Section      -100.0 To 77.52 %



MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55  
 Cross Section -99.95 To 9999. %

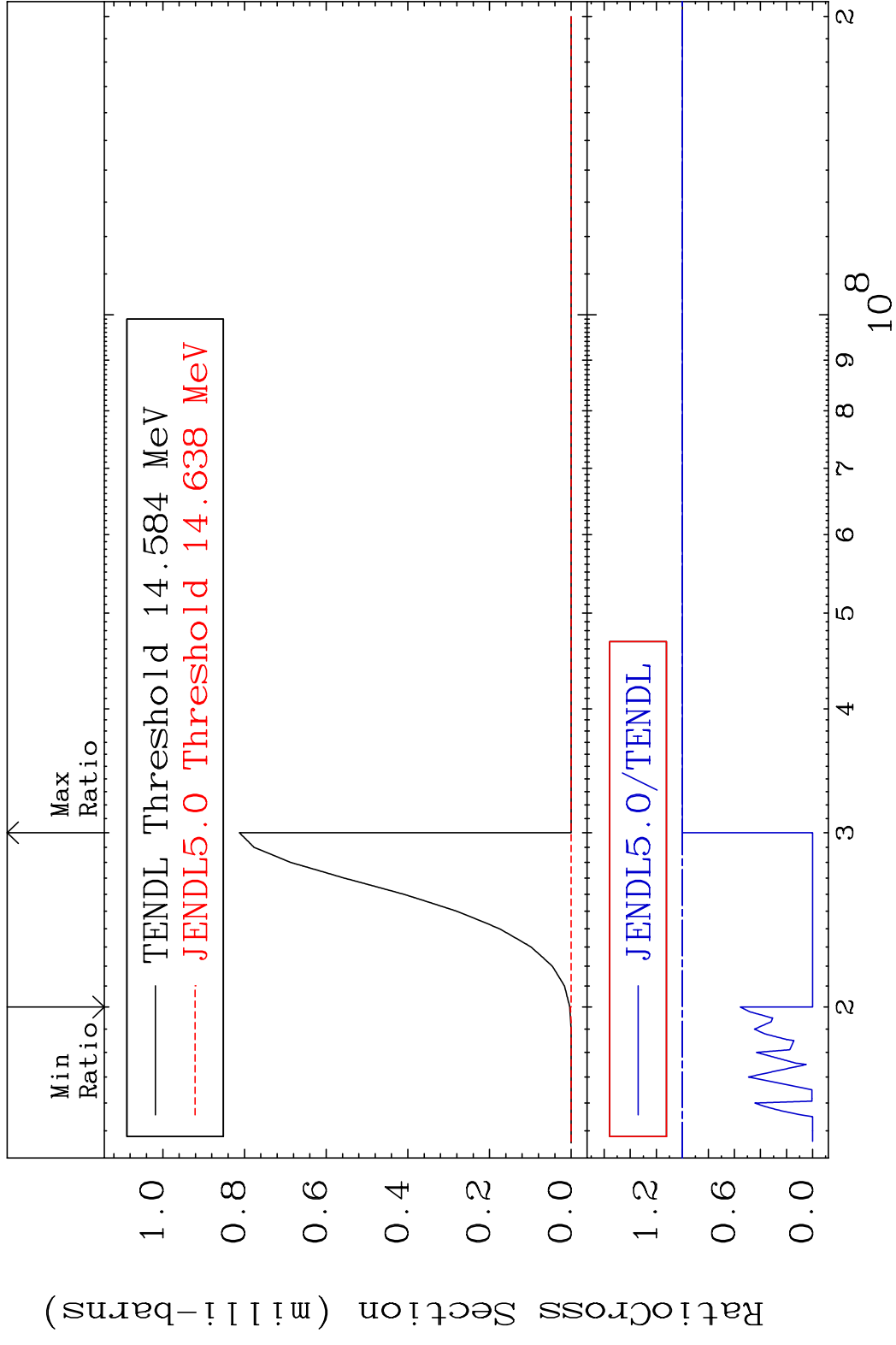


MAT 2525 (n,  $\alpha$ ) 25-Mn-55  
 Cross Section -100.0 To 407.0 %

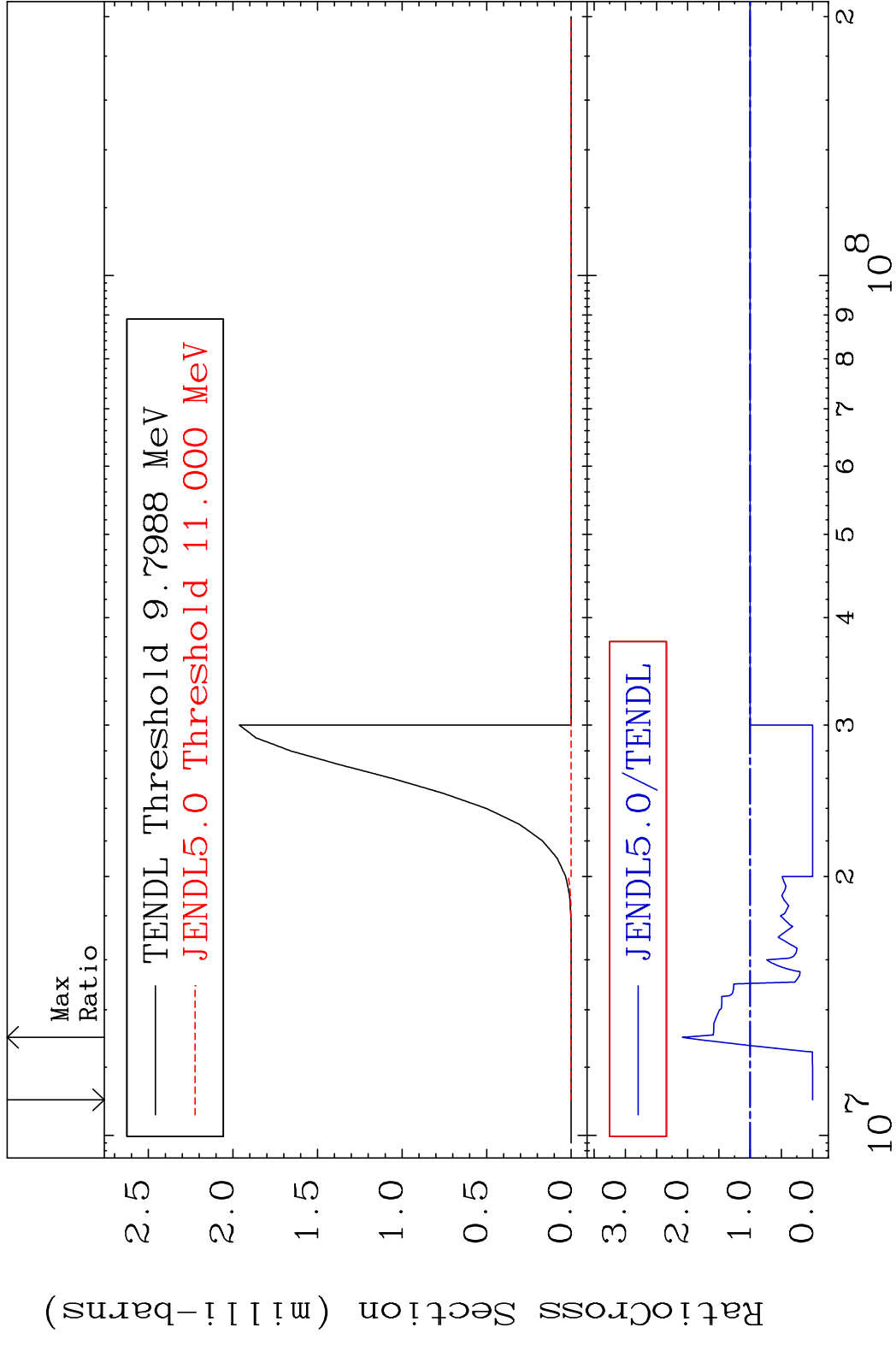




MAT 2525 (n,2p) 25-Mn-55  
 Cross Section -100.0 To 0.000 %

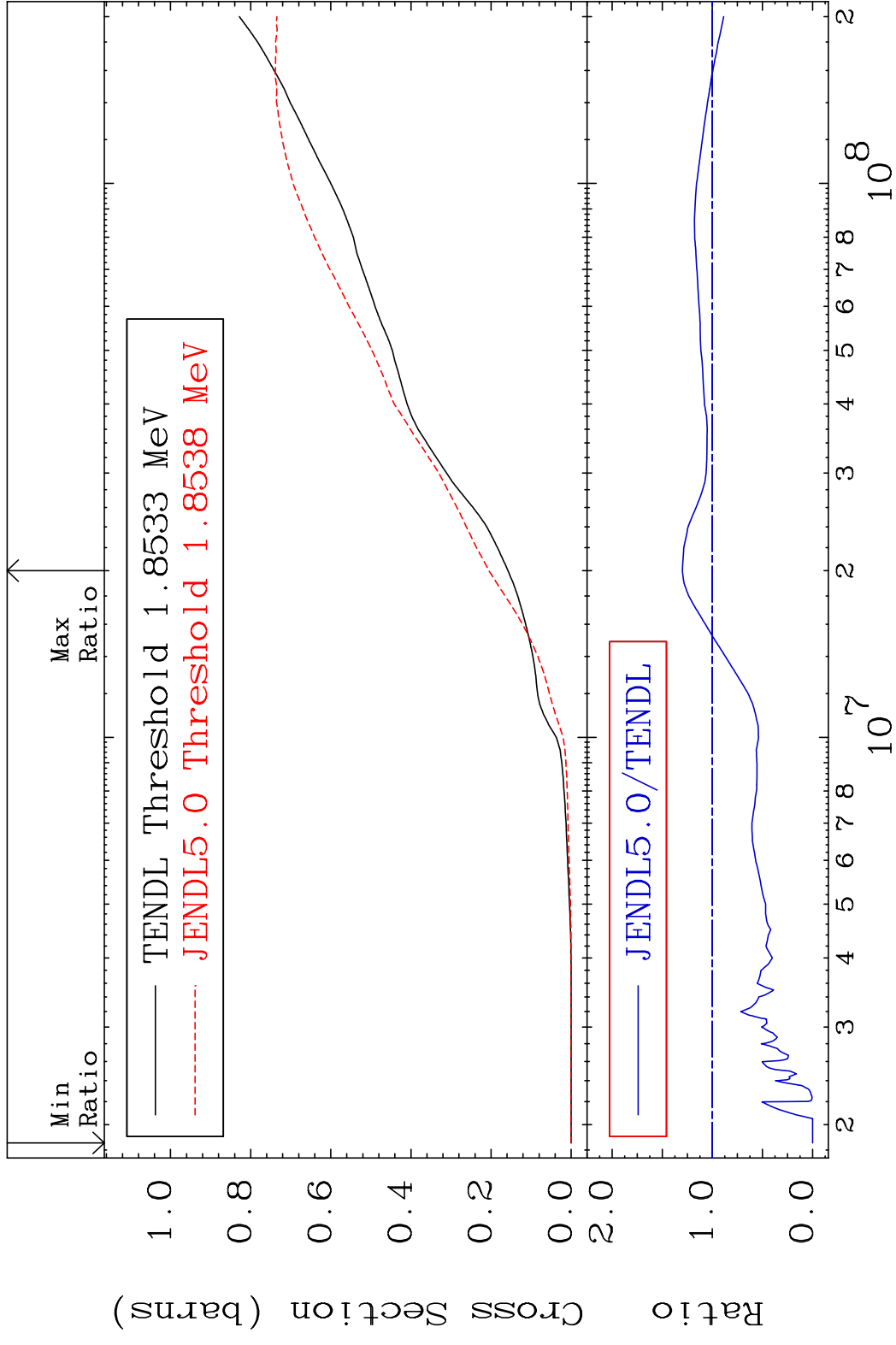


MAT 2525 (n,p)  $\alpha$  25-Mn-55  
 Cross Section -100.0 To 108.6 %

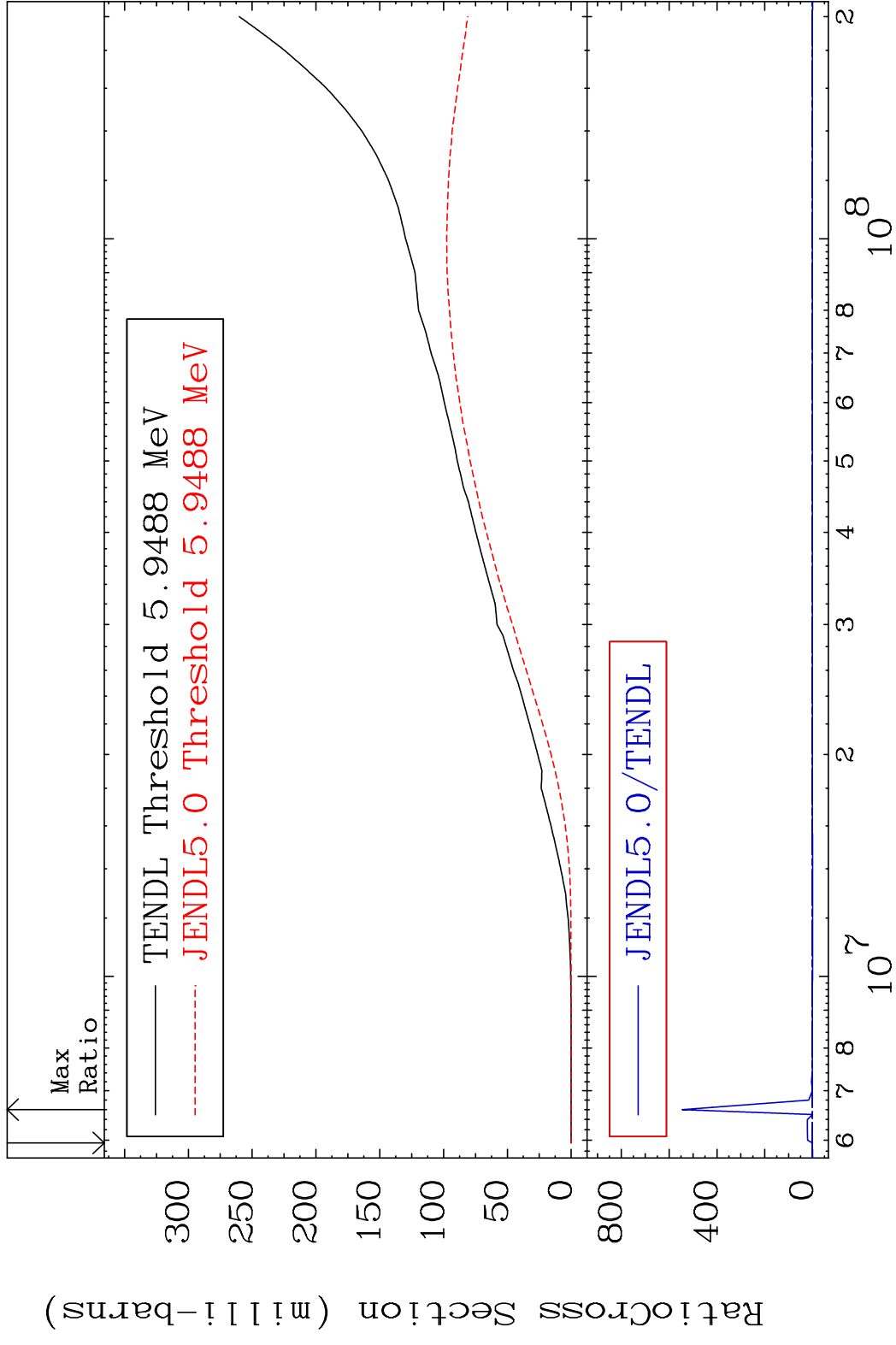


49 Incident Energy (eV) 25-Mn-55

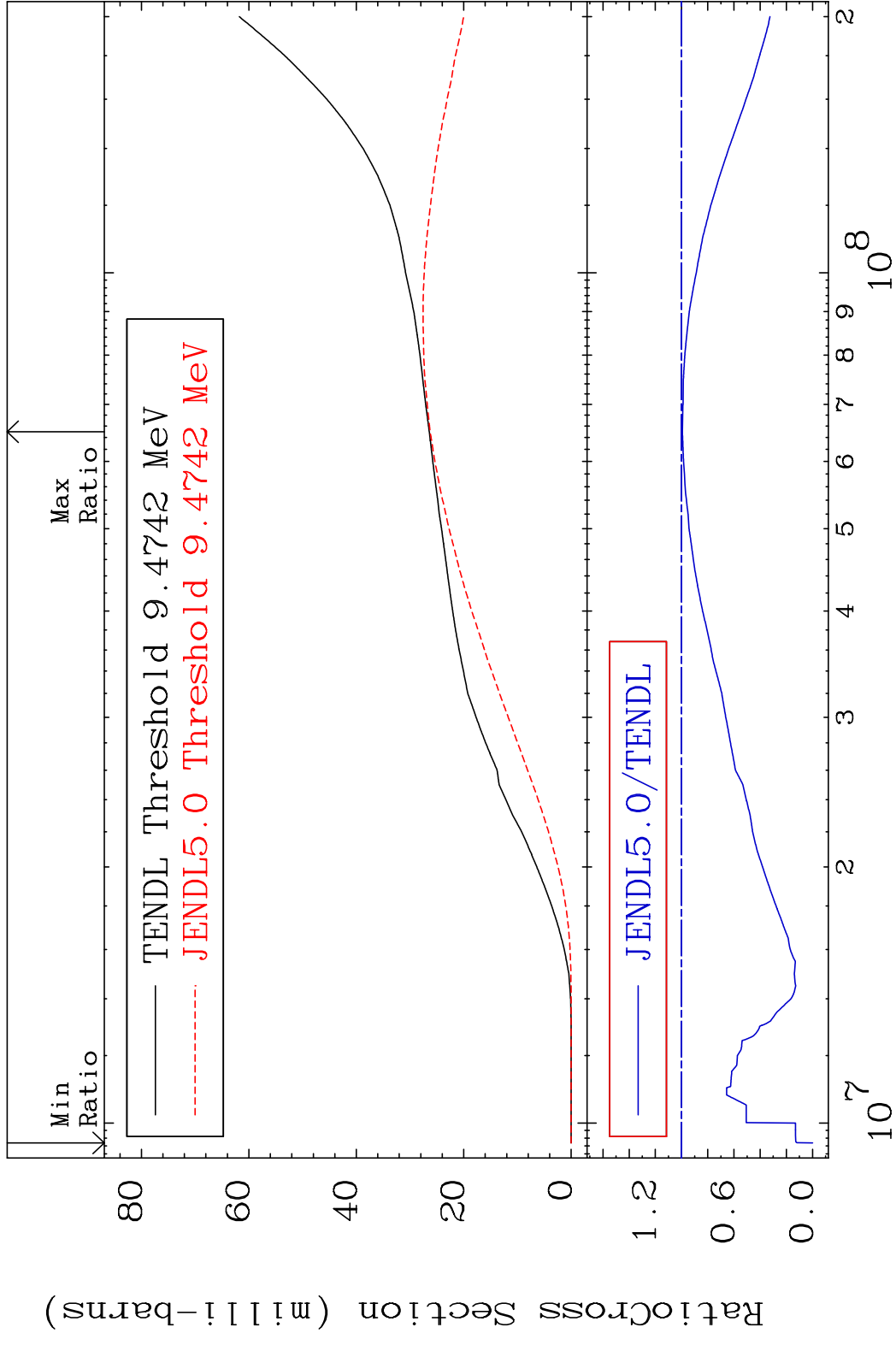
MAT 2525 Hydrogen Production 25-Mn-55  
 Cross Section -100.0 To 29.95 %



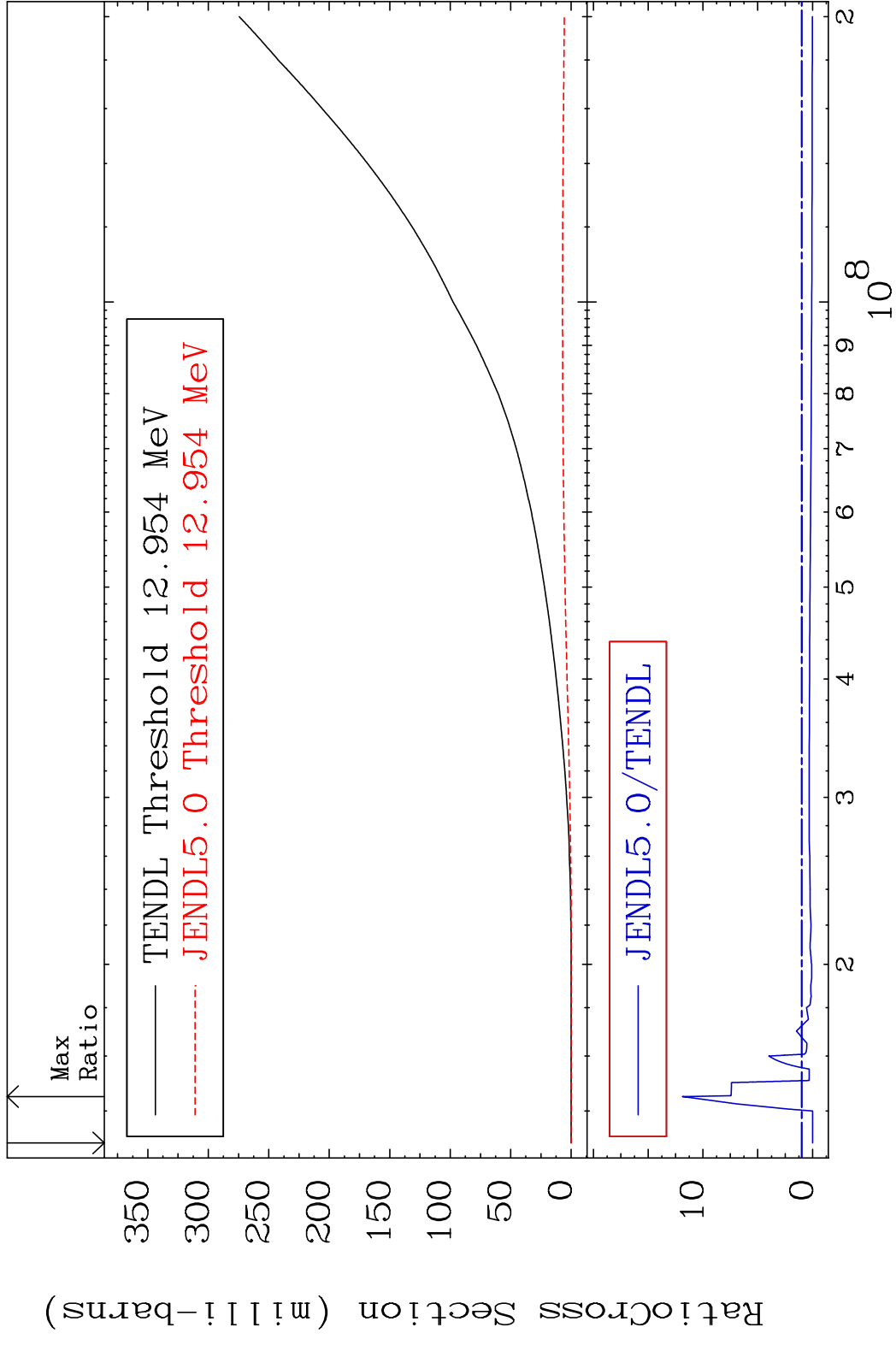
MAT 2525 Deuterium Production 25-Mn-55  
 Cross Section -100.0 To 9999. %



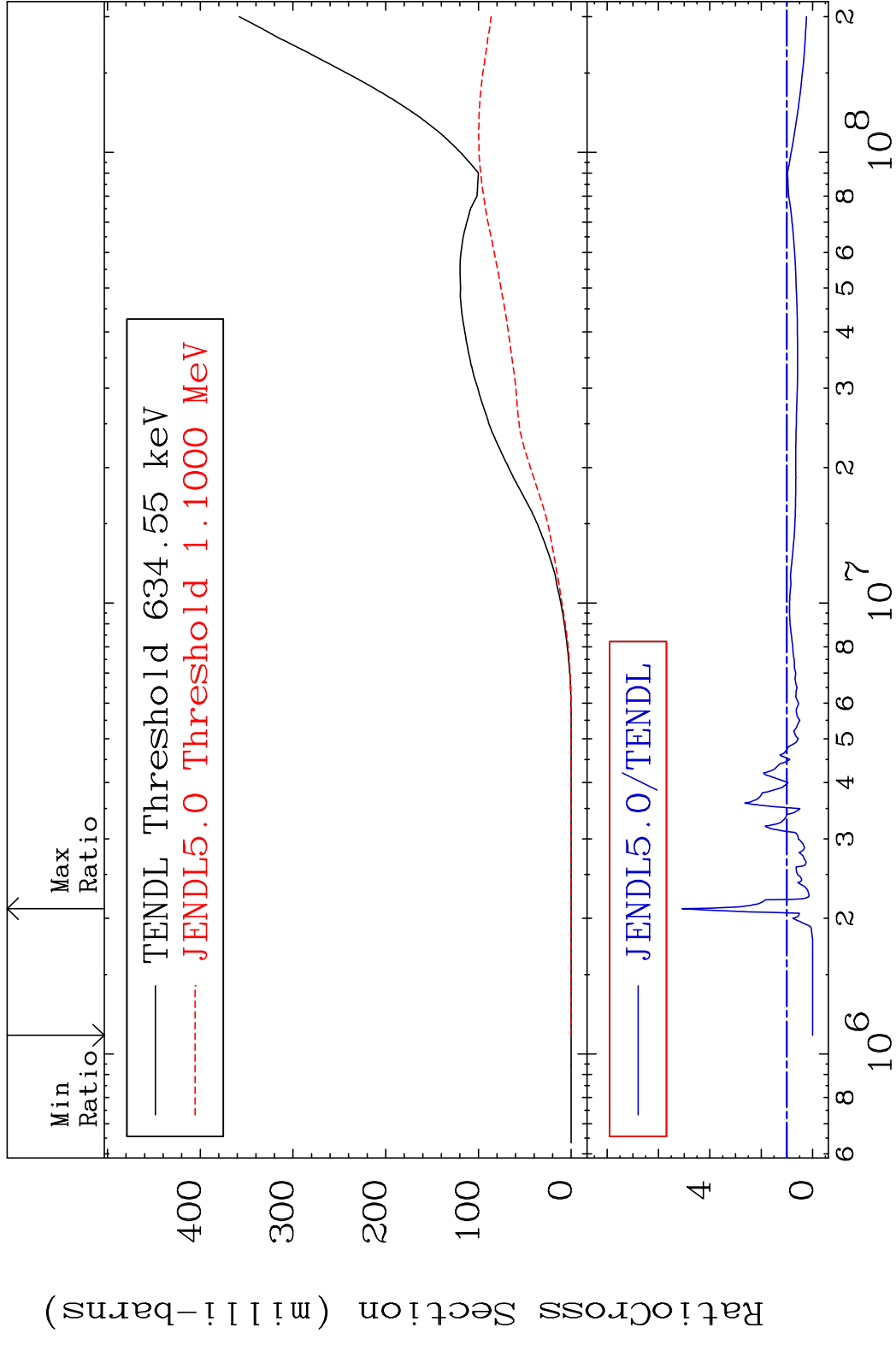
MAT 2525 Tritium Production 25-Mn-55  
 Cross Section -100.0 To -0.618%



MAT 2525 He-3 Production 25-Mn-55  
 Cross Section -100.0 To 1088. %

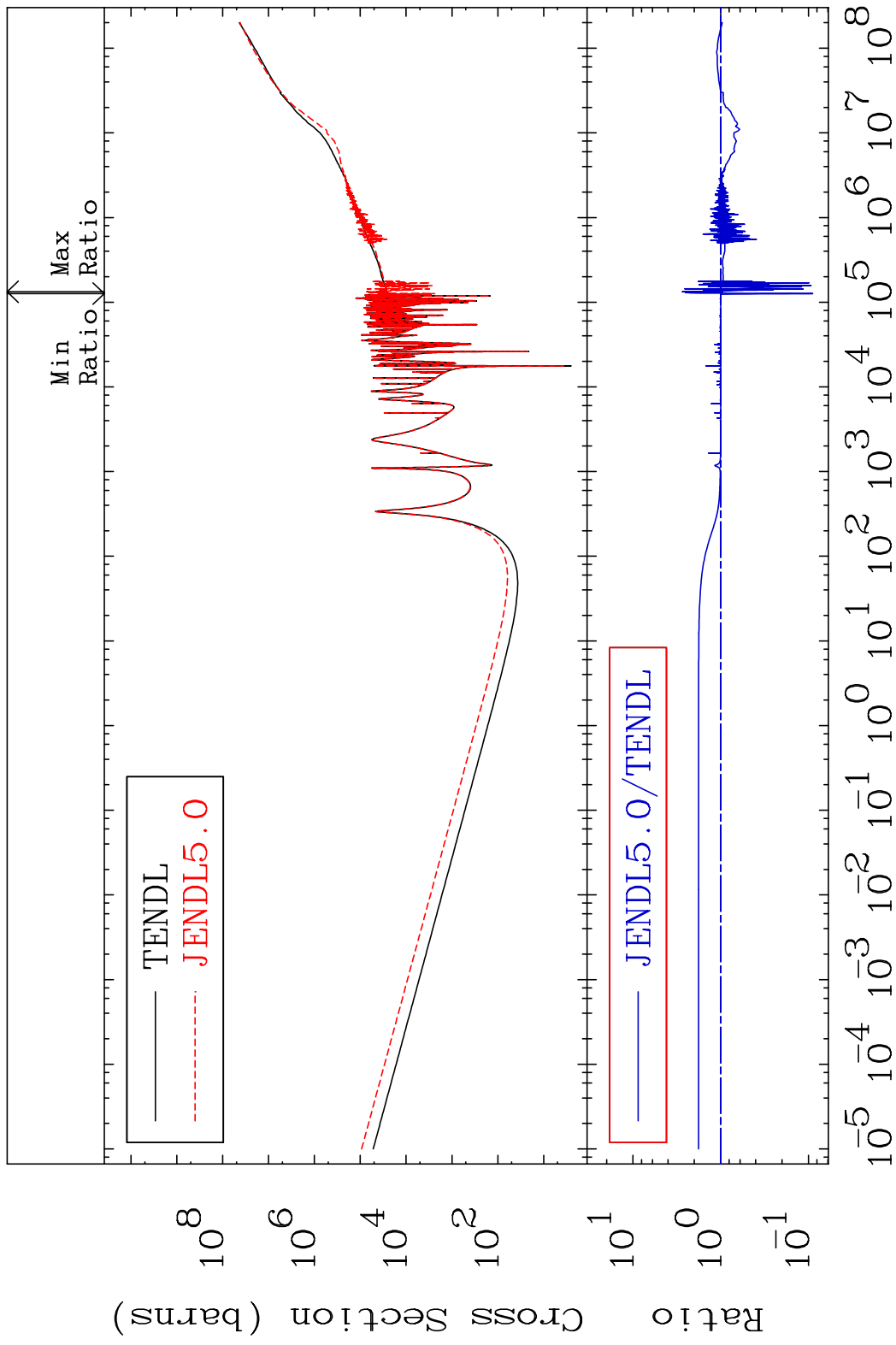


MAT 2525 He-4 Production 25-Mn-55  
 Cross Section -100.0 To 407.0 %



54 Incident Energy (eV) 25-Mn-55

MAT 2525 Kerma total (eV-barns) 25-Mn-55  
 Cross Section -91.03 To 173.7 %



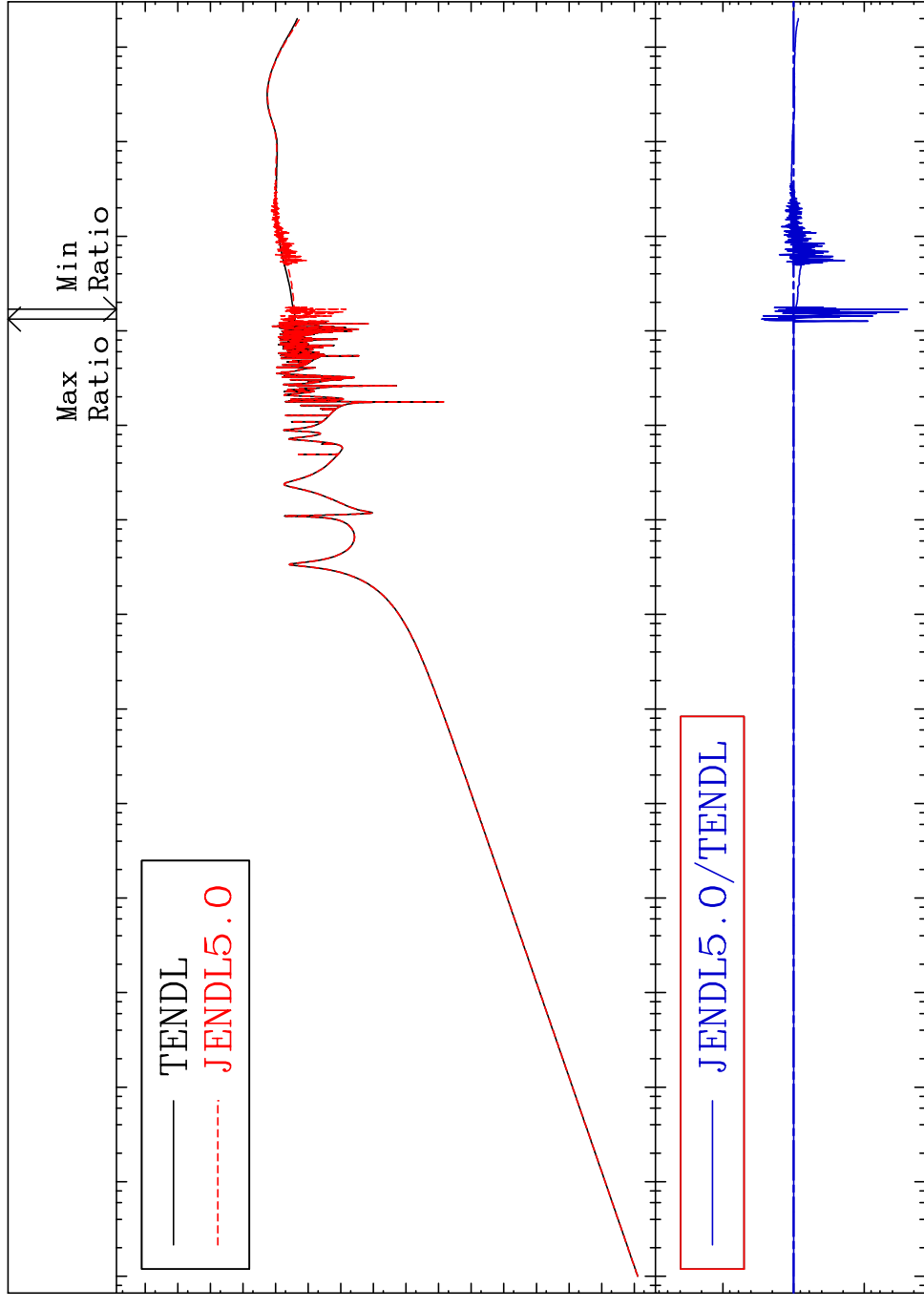
55 Incident Energy (eV) 25-Mn-55



MAT 2525

Kerma elastic  
Cross Section

25-Mn-55  
-97.52 To 181.0 %



$10^8$   
 $10^6$   
 $10^4$   
 $10^2$   
 $10^0$   
 $10^{-2}$   
 $10^{-4}$   
 $10^{-6}$   
 $10^{-8}$

$10^1$   
 $10^0$   
 $10^{-1}$

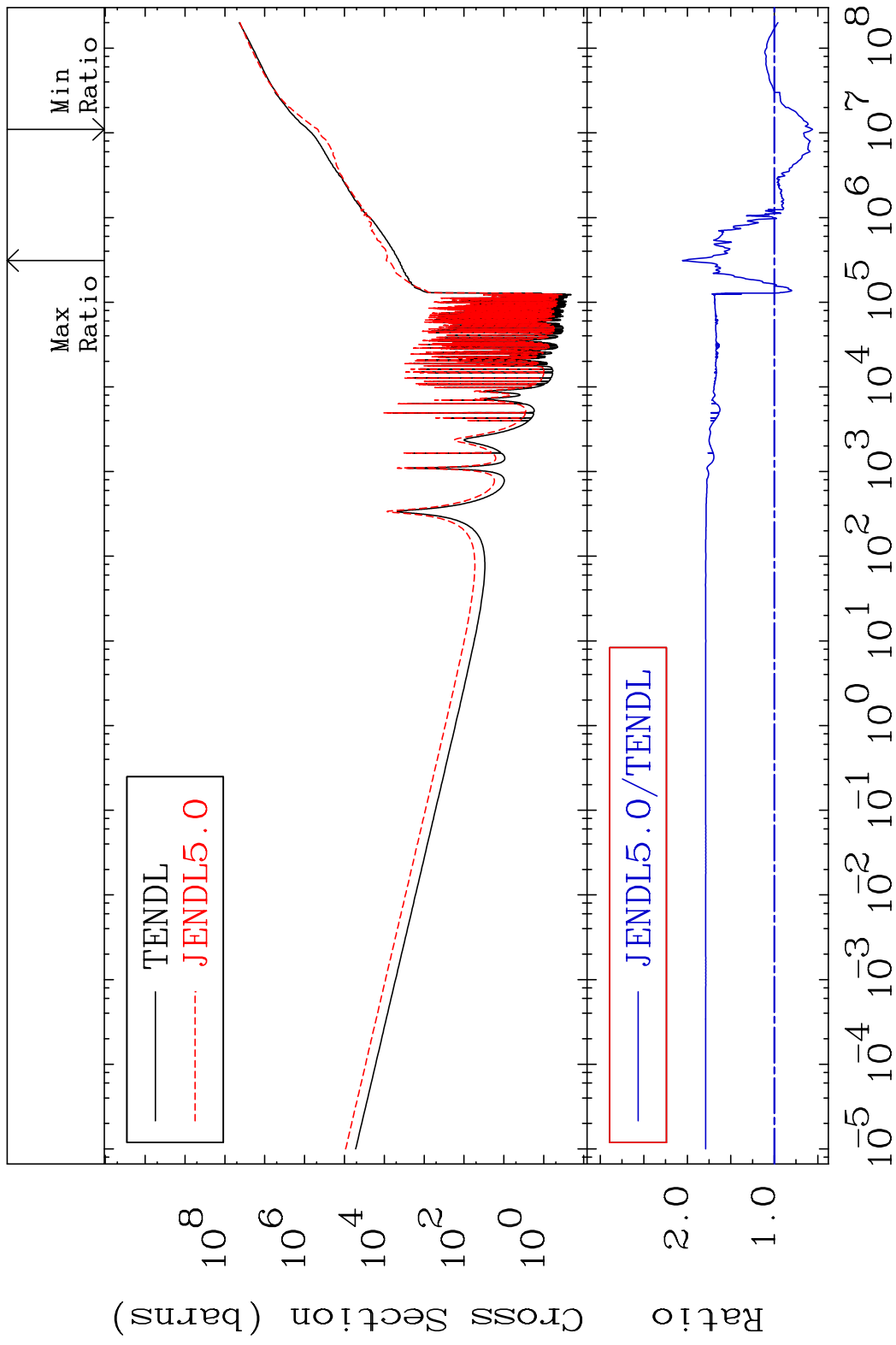
$10^{-5}$   $10^{-4}$   $10^{-3}$   $10^{-2}$   $10^{-1}$   $10^0$   $10^1$   $10^2$   $10^3$   $10^4$   $10^5$   $10^6$   $10^7$   $10^8$

56

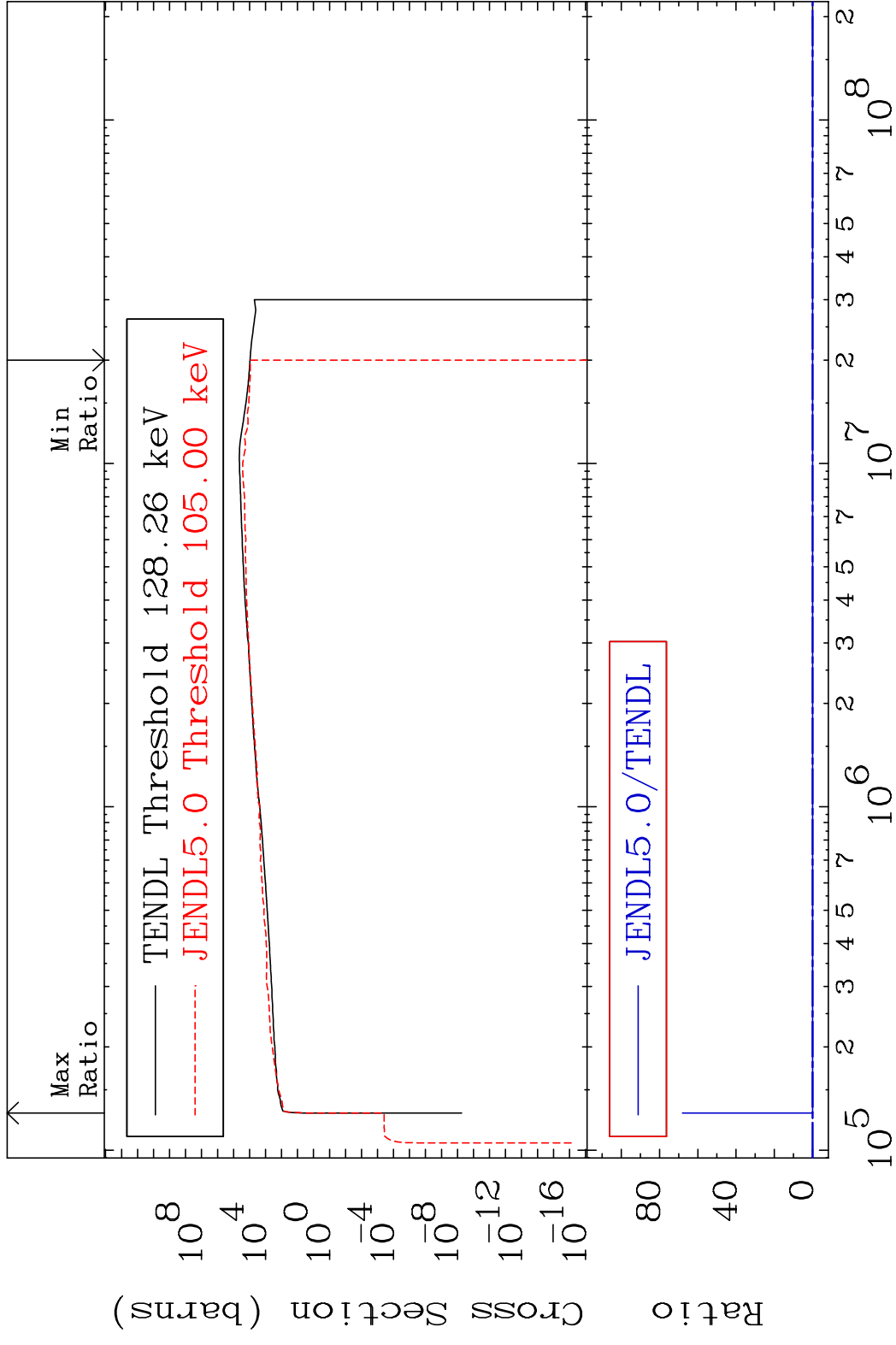
Incident Energy (eV)

25-Mn-55

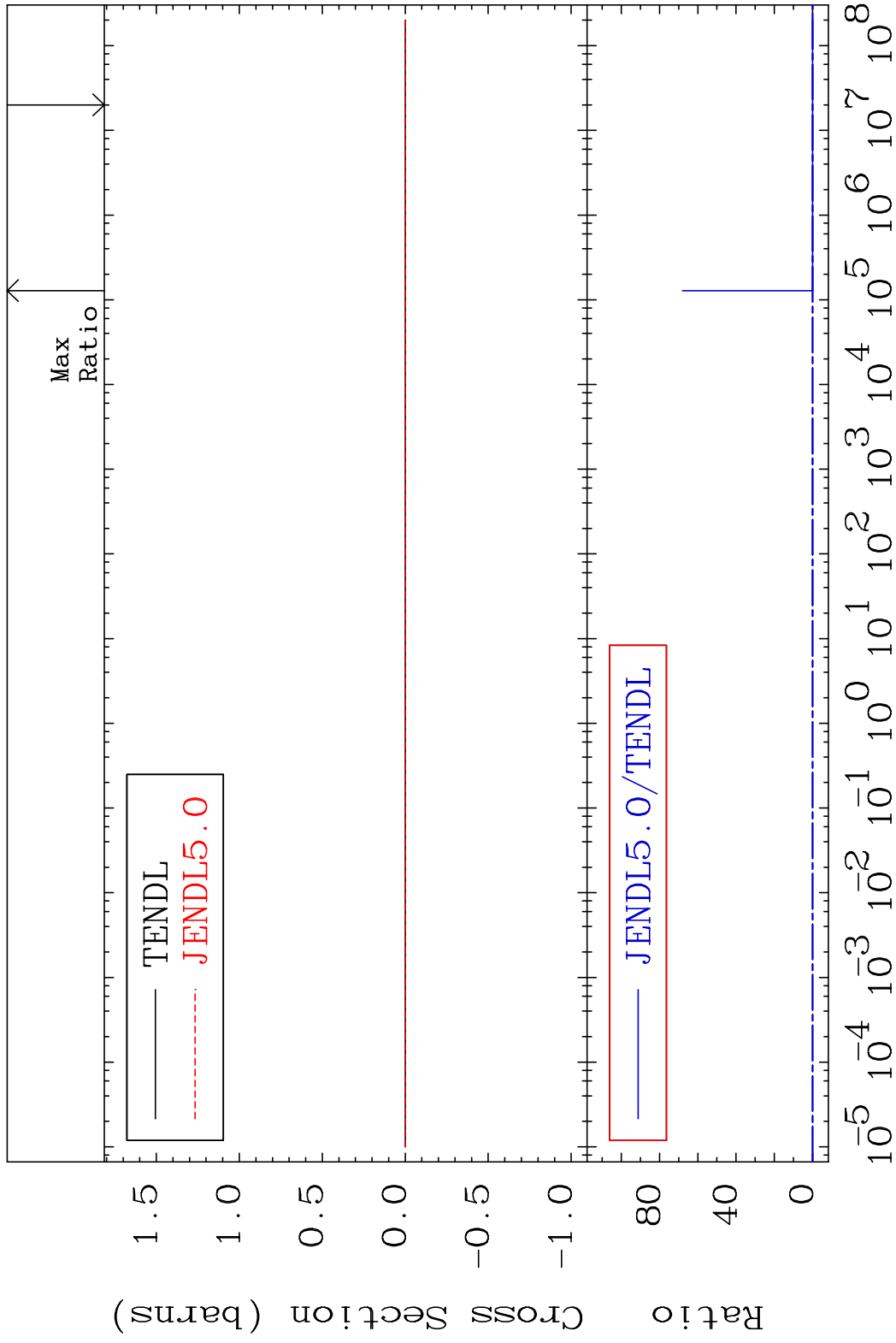
MAT 2525 Kerma non-elastic (all but mt2) 25-Mn-55  
 Cross Section -43.96 To 105.7 %



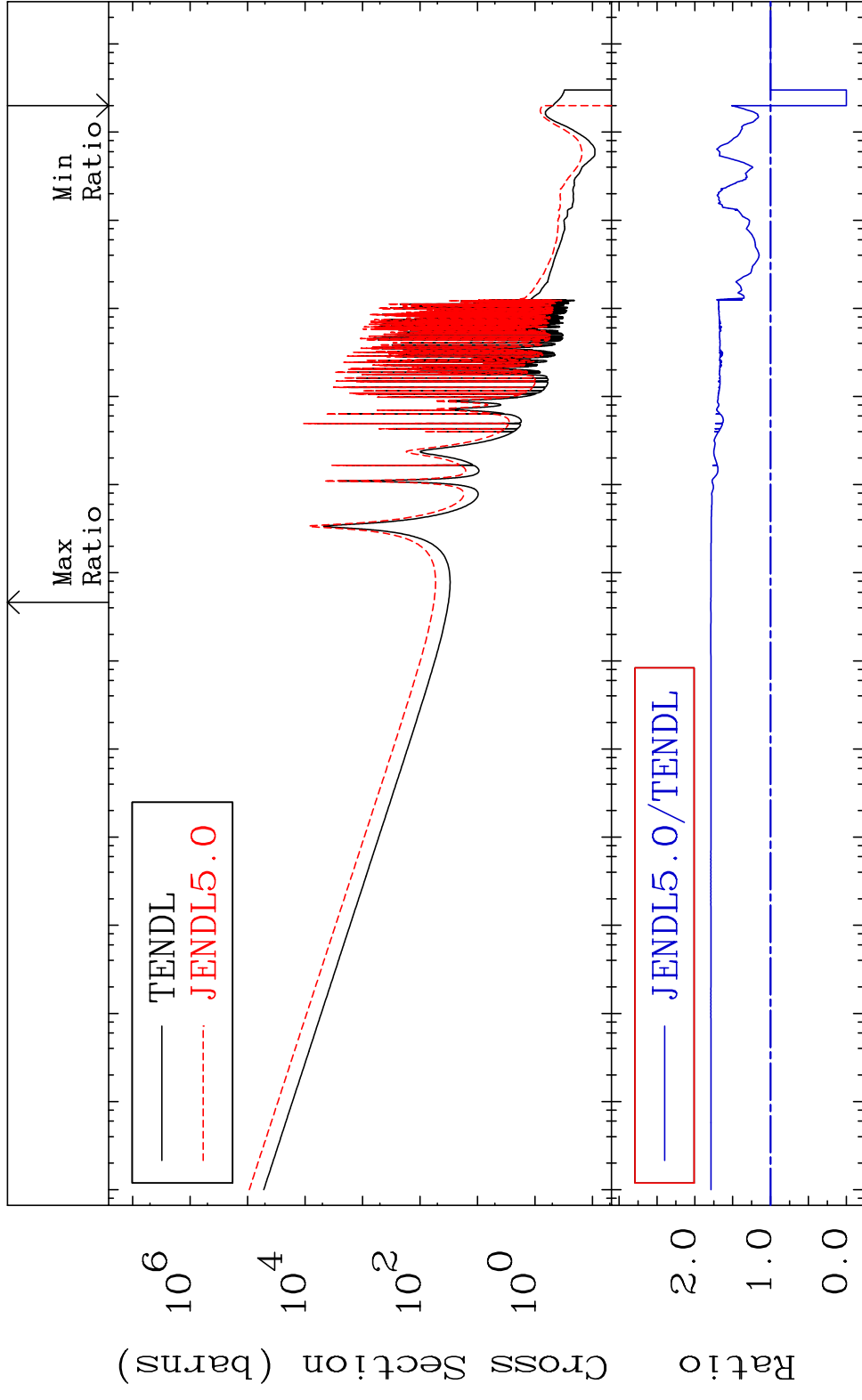
MAT 2525 Kerma inelastic (mt51-91) 25-Mn-55  
 Cross Section -100.0 To 9999. %



MAT 2525 Kerma fission (mt18 or mt19-20-21-38) 25-Mn-55  
 Cross Section -100.0 To 9999. %

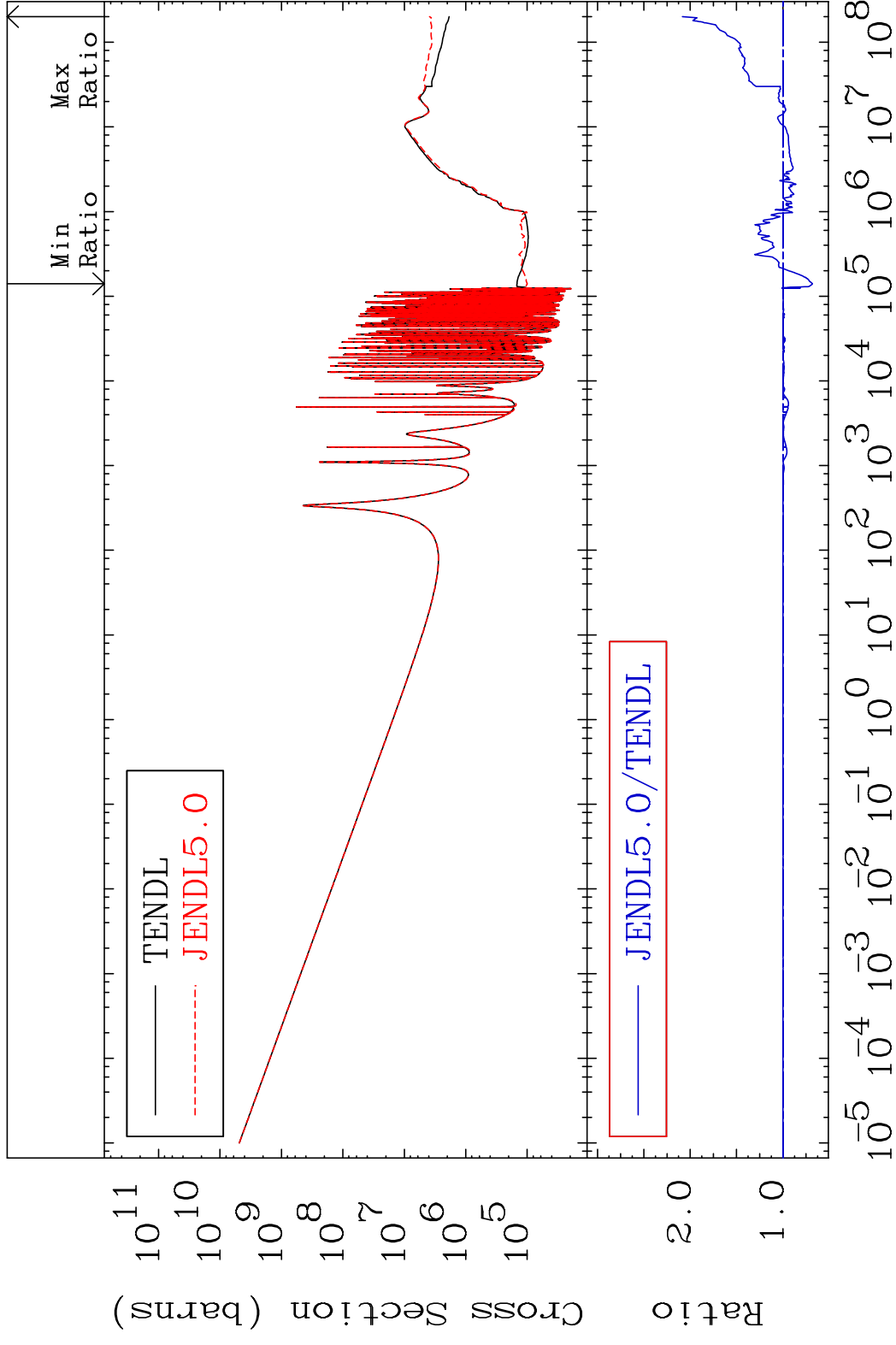


MAT 2525 Kerma capture (mt102) 25-Mn-55  
 Cross Section -100.0 To 79.06 %



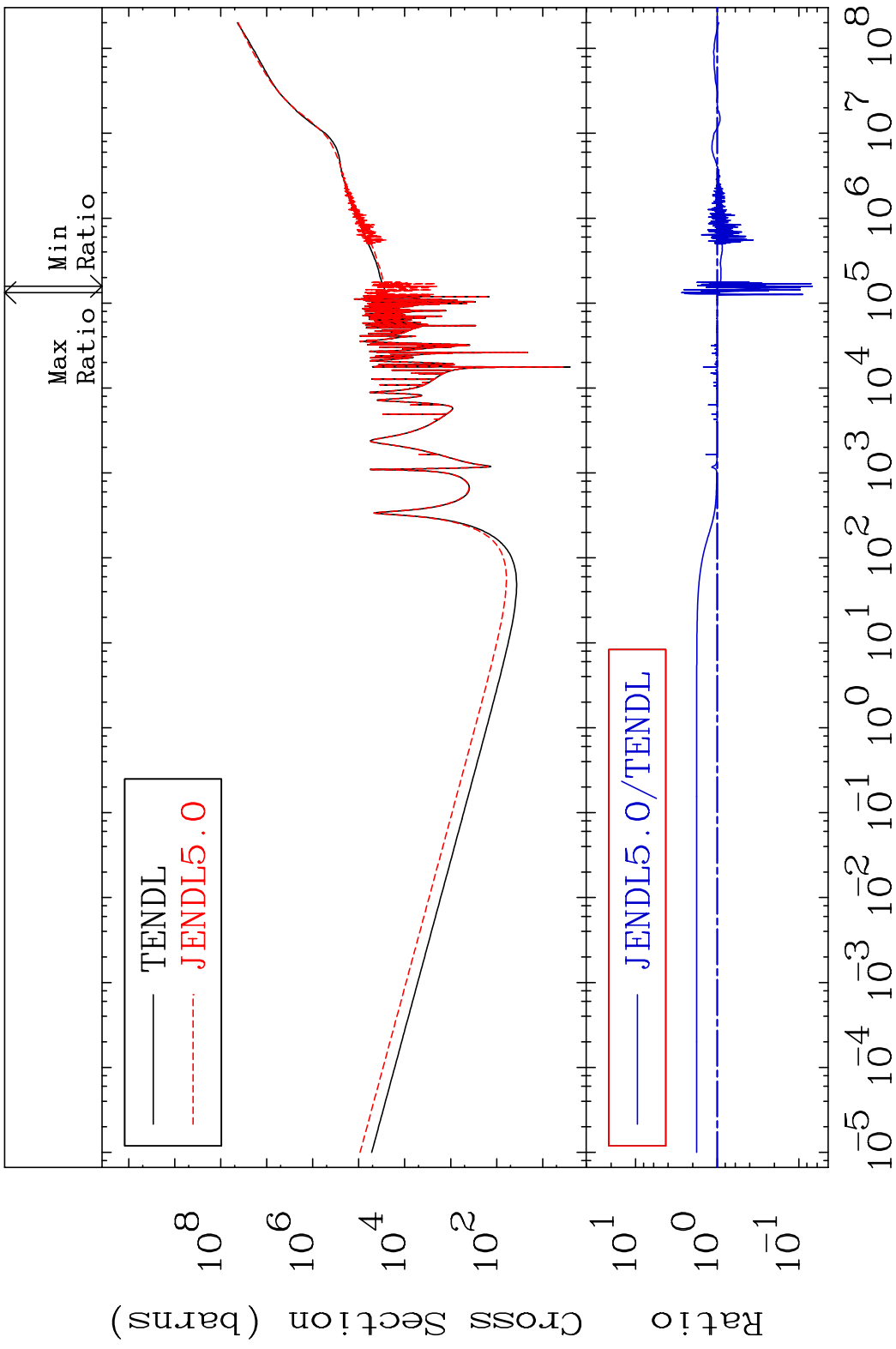
60 Incident Energy (eV) 25-Mn-55

MAT 2525 Total photon (eV-barns) 25-Mn-55  
 Cross Section -32.00 To 108.4 %

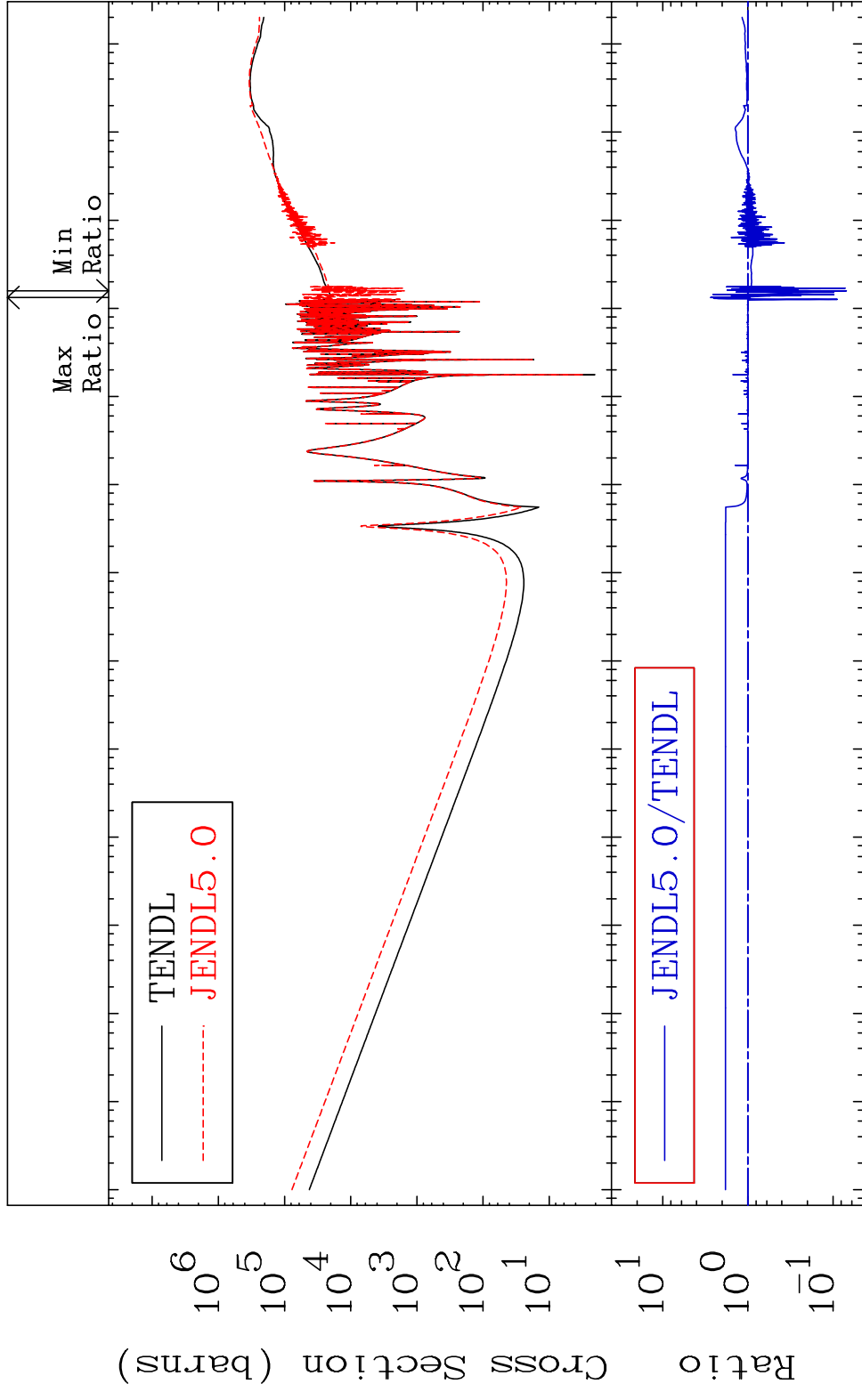


61 Incident Energy (eV) 25-Mn-55

MAT 2525 Total kinematic kerma (high limit) 25-Mn-55  
Cross Section -93.14 To 172.3 %



MAT 2525      Dpa total (eV-barns)      25-Mn-55  
 Cross Section      -93.03 To 173.0 %



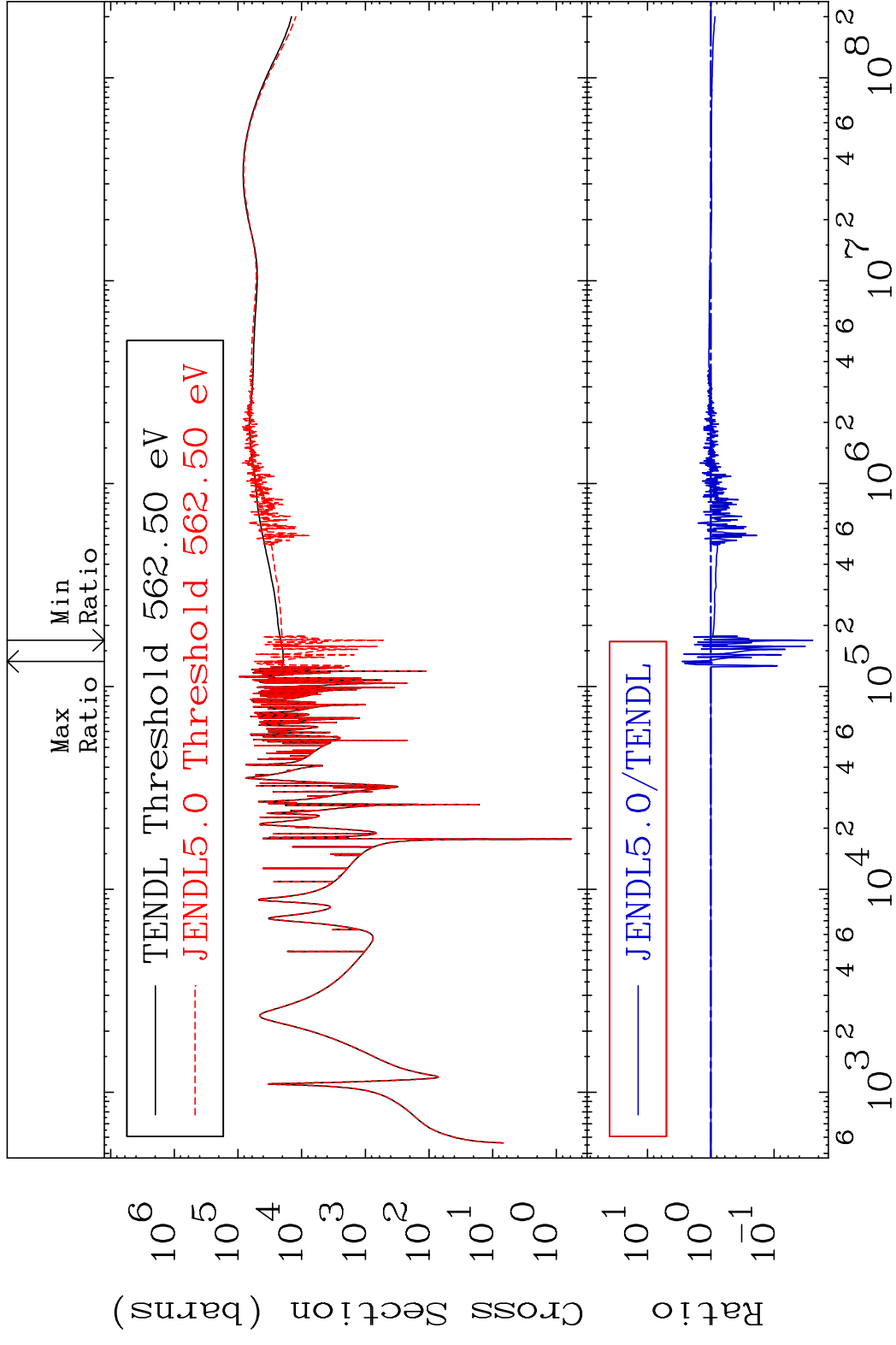


MAT 2525

Dpa elastic (mt2)

25-Mn-55

Cross Section -97.52 To 181.0 %

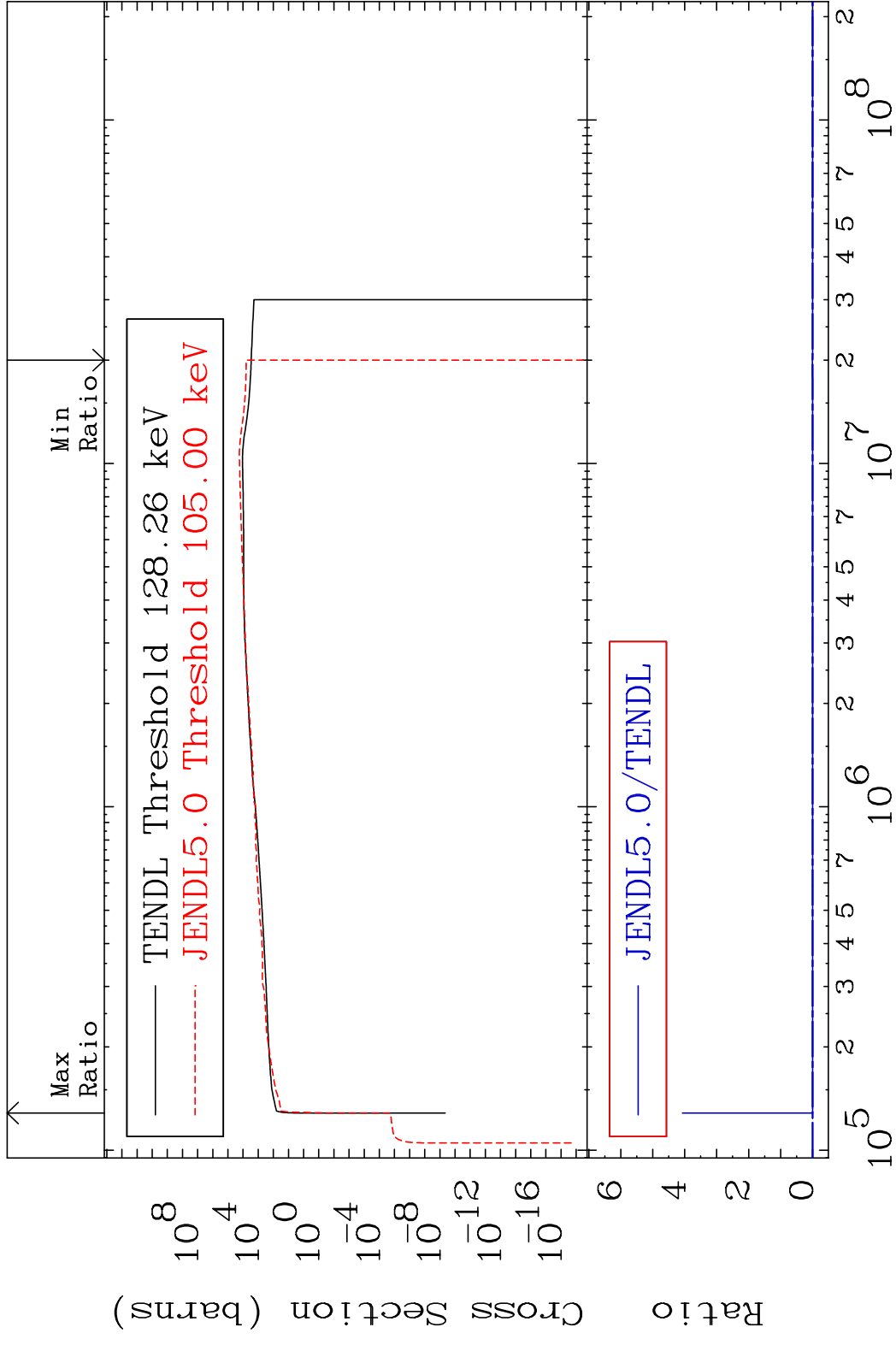


64

Incident Energy (eV)

25-Mn-55

MAT 2525 Dpa inelastic (mt51-91) 25-Mn-55  
 Cross Section -100.0 To 9999. %



65 Incident Energy (eV) 25-Mn-55

MAT 2525 Dpa disappearance (mt102 -120) 25-Mn-55  
 Cross Section -100.0 To 83.28 %

