

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

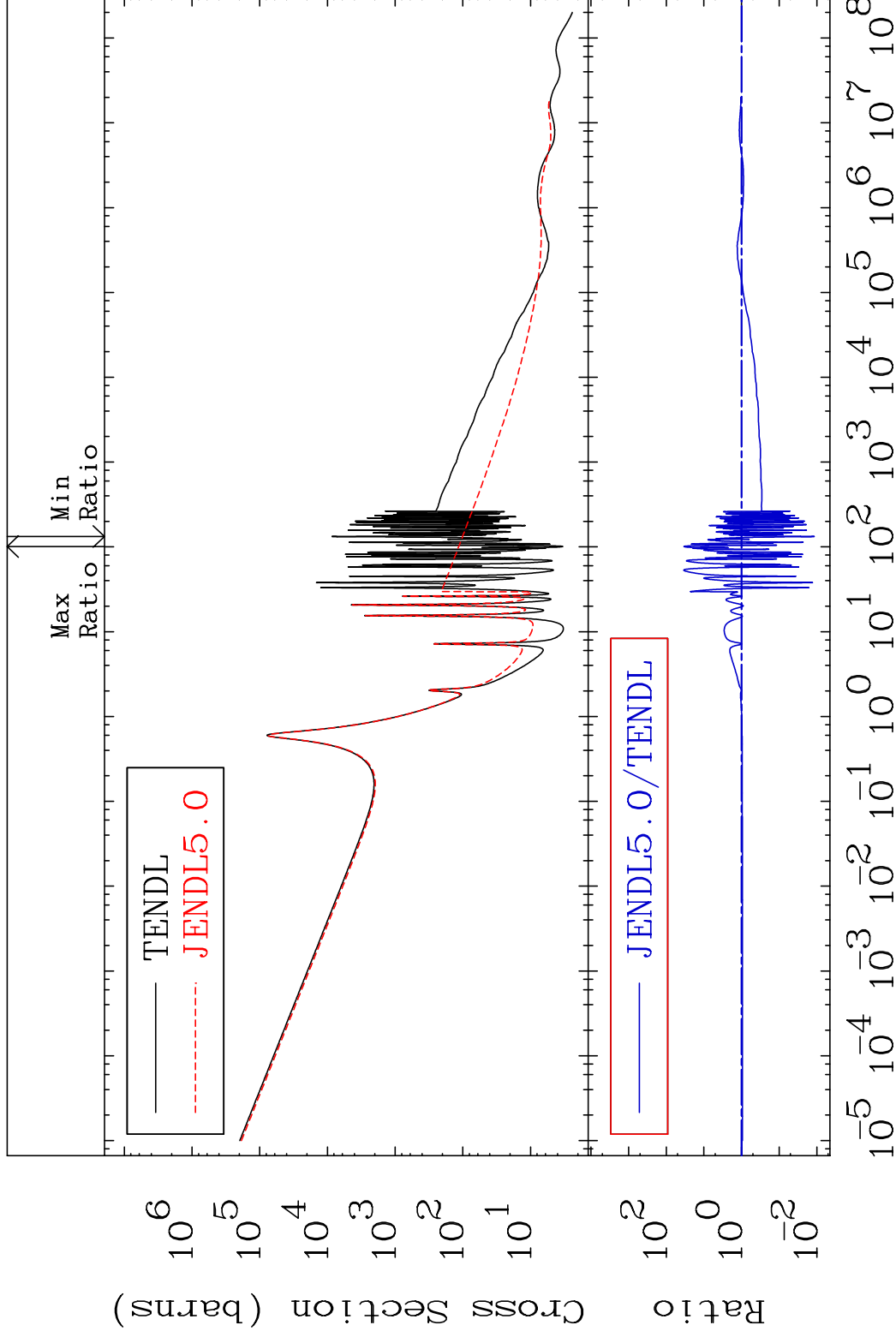
MAT 6337

Total

63-Eu-155

Cross Section

-98.82 To 3347. %



1

Incident Energy (eV)

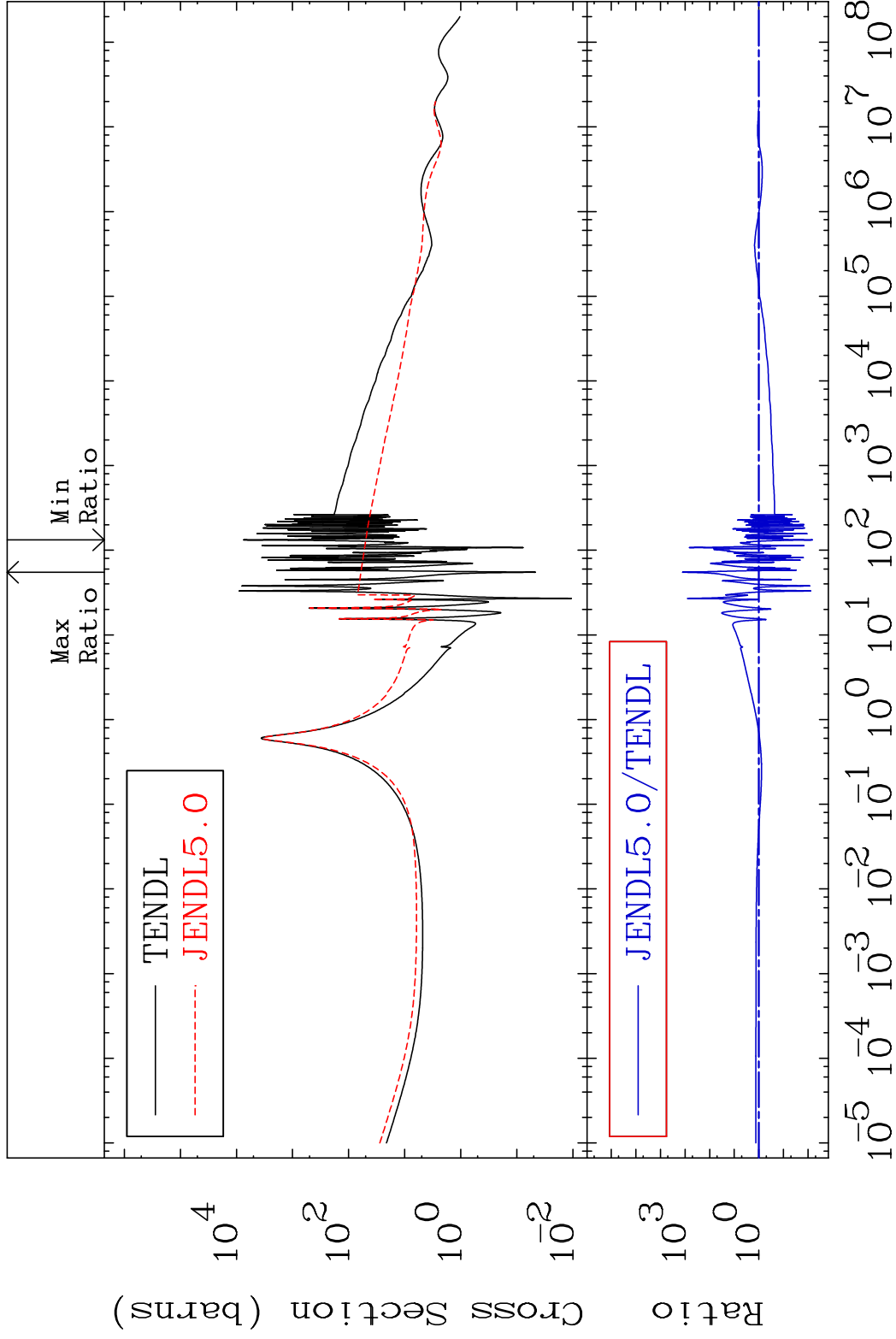
63-Eu-155

MAT 6337

Elastic

63-Eu-155

Cross Section -99.34 To 9999. %

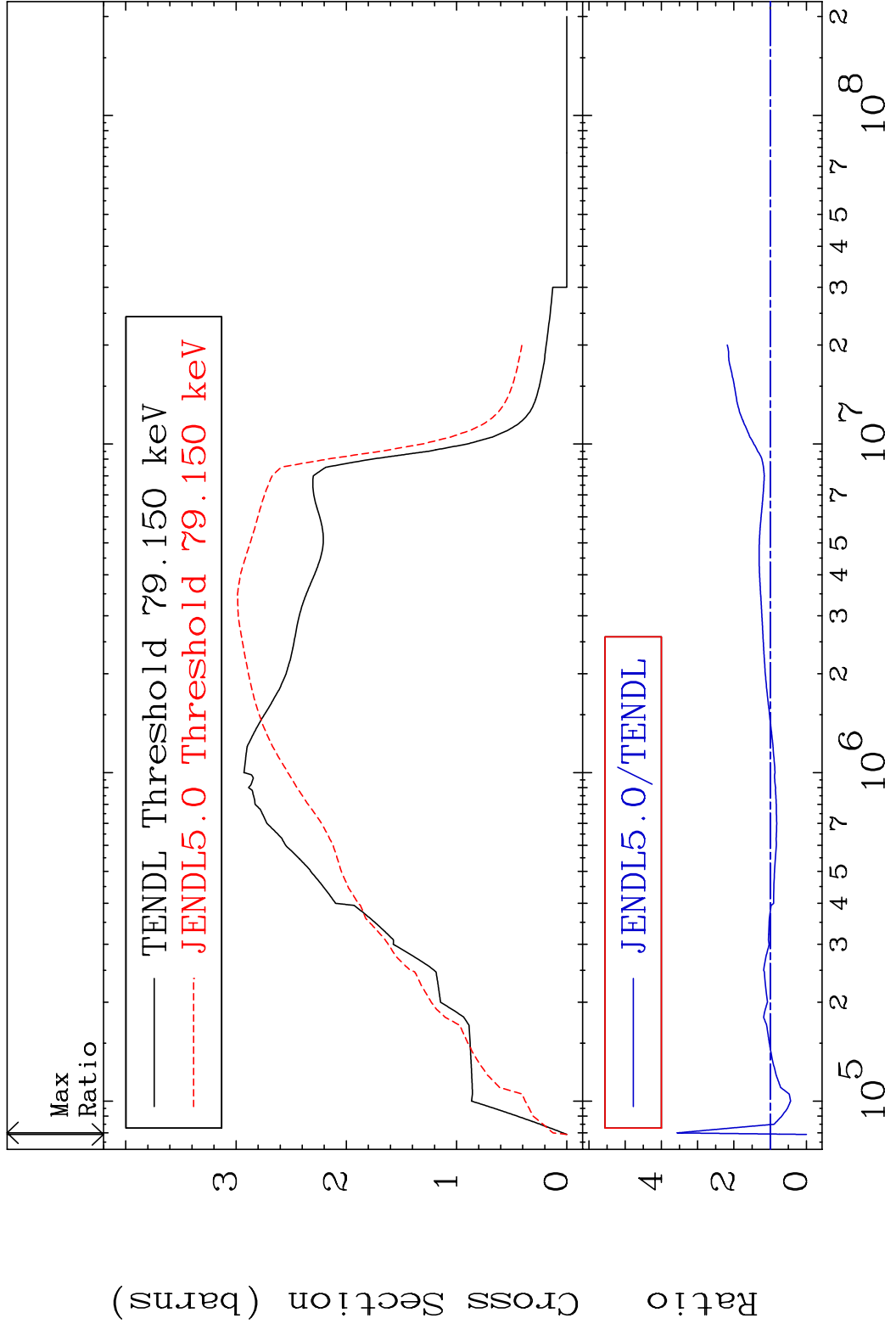


2

Incident Energy (eV)

63-Eu-155

MAT 6337 Inelastic Cross Section -100.0 To 256.5 % 63-Eu-155



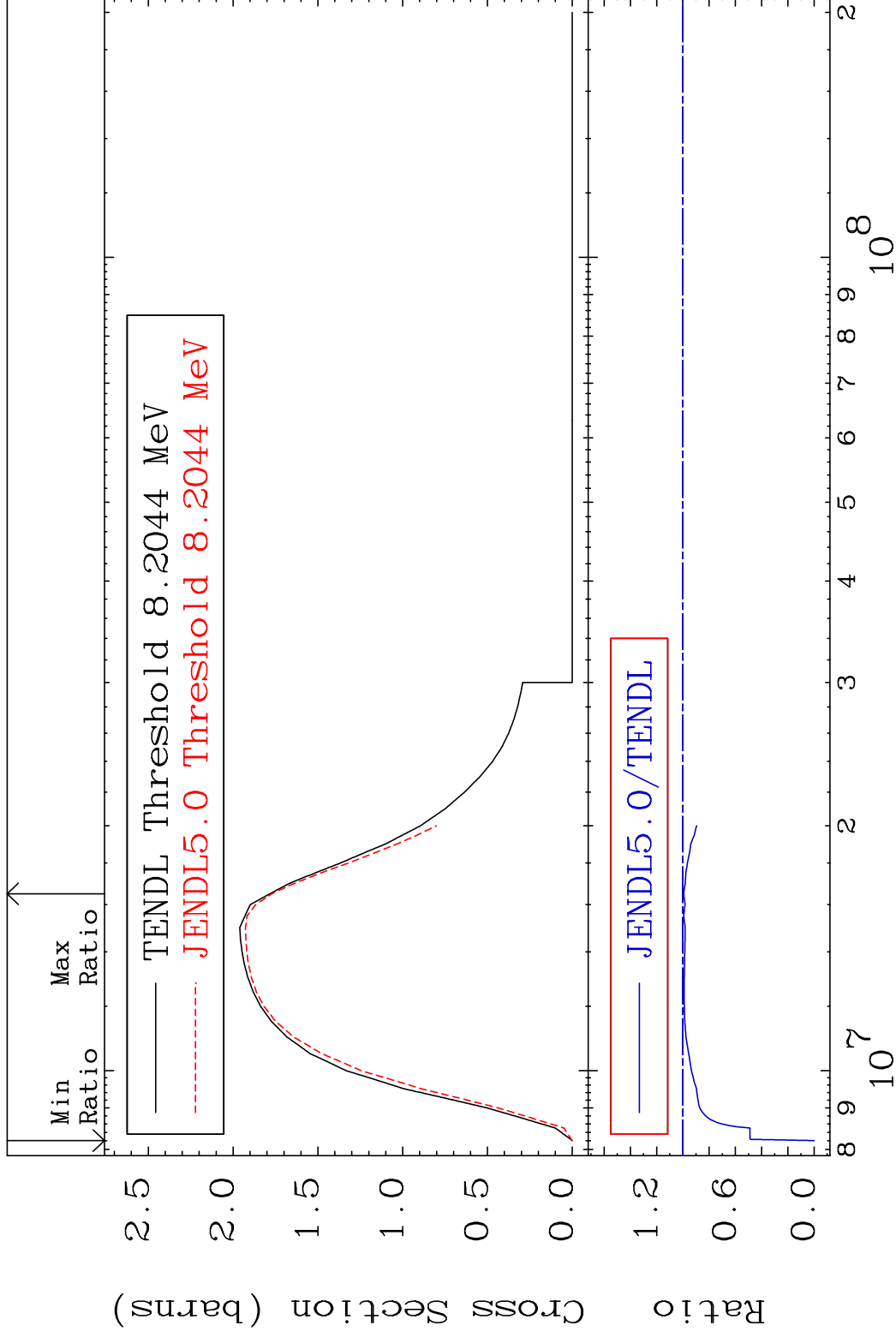
3 2 1 0 4 2 0 2 3 4 5 6 7 8 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 63-Eu-155

MAT 6337

(n,2n)

63-Eu-155

Cross Section -100.0 To -0.598%



4

Incident Energy (eV)

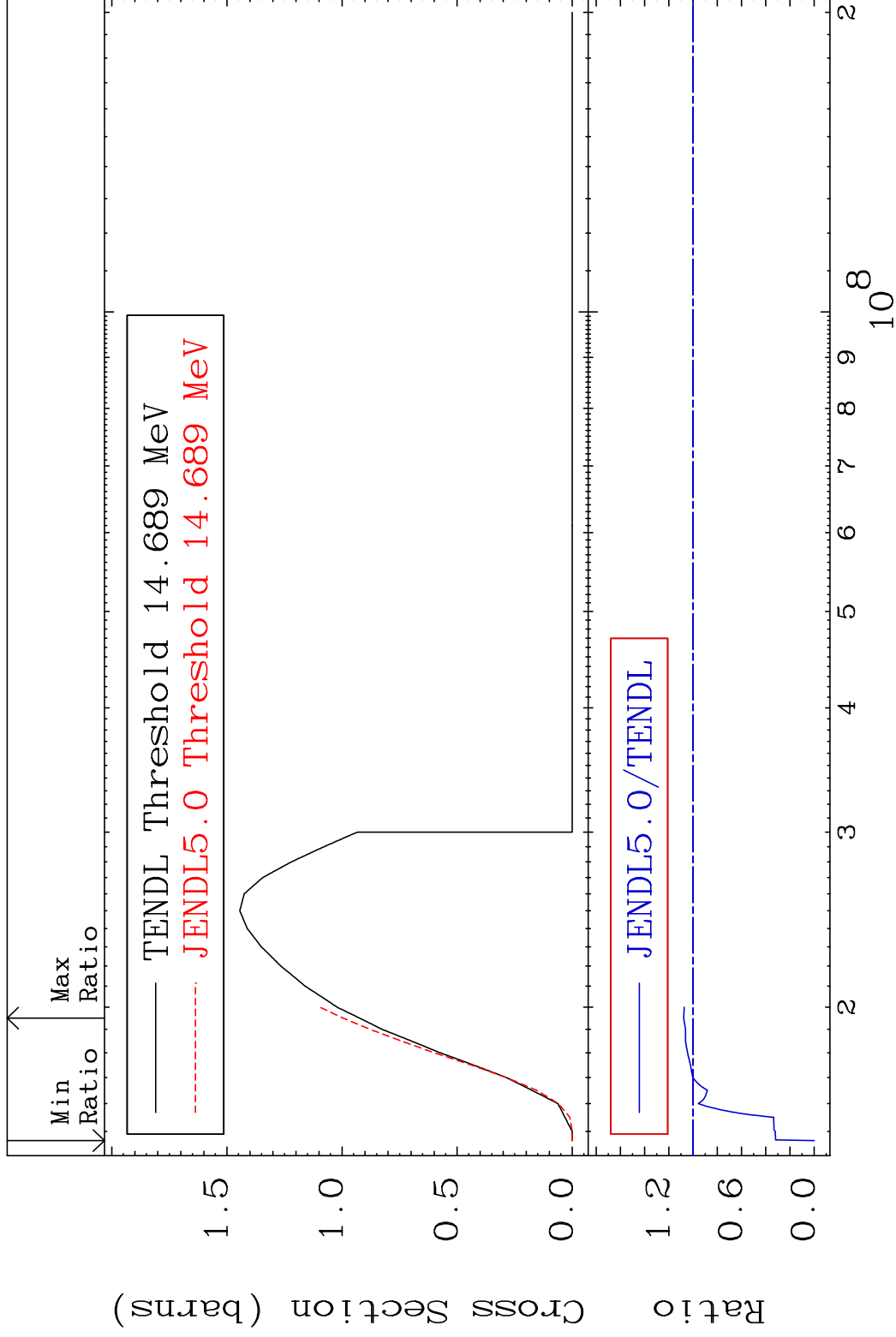
63-Eu-155

MAT 6337

(n,3n)

63-Eu-155

Cross Section -100.0 To 7.784 %



5

Incident Energy (eV)

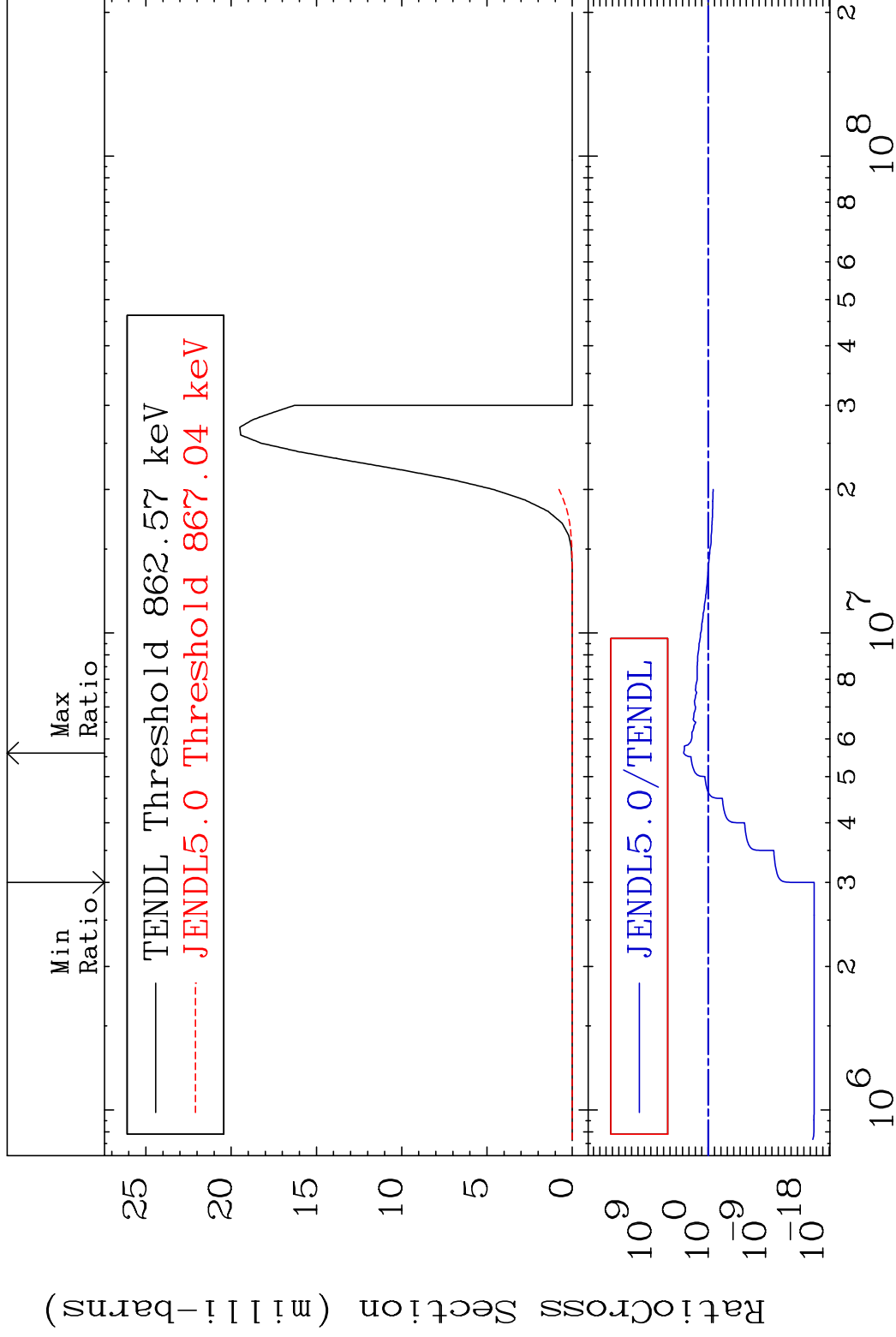
63-Eu-155

MAT 6337

(n, n')  $\alpha$

63-Eu-155

Cross Section -100.0 To 9999. %

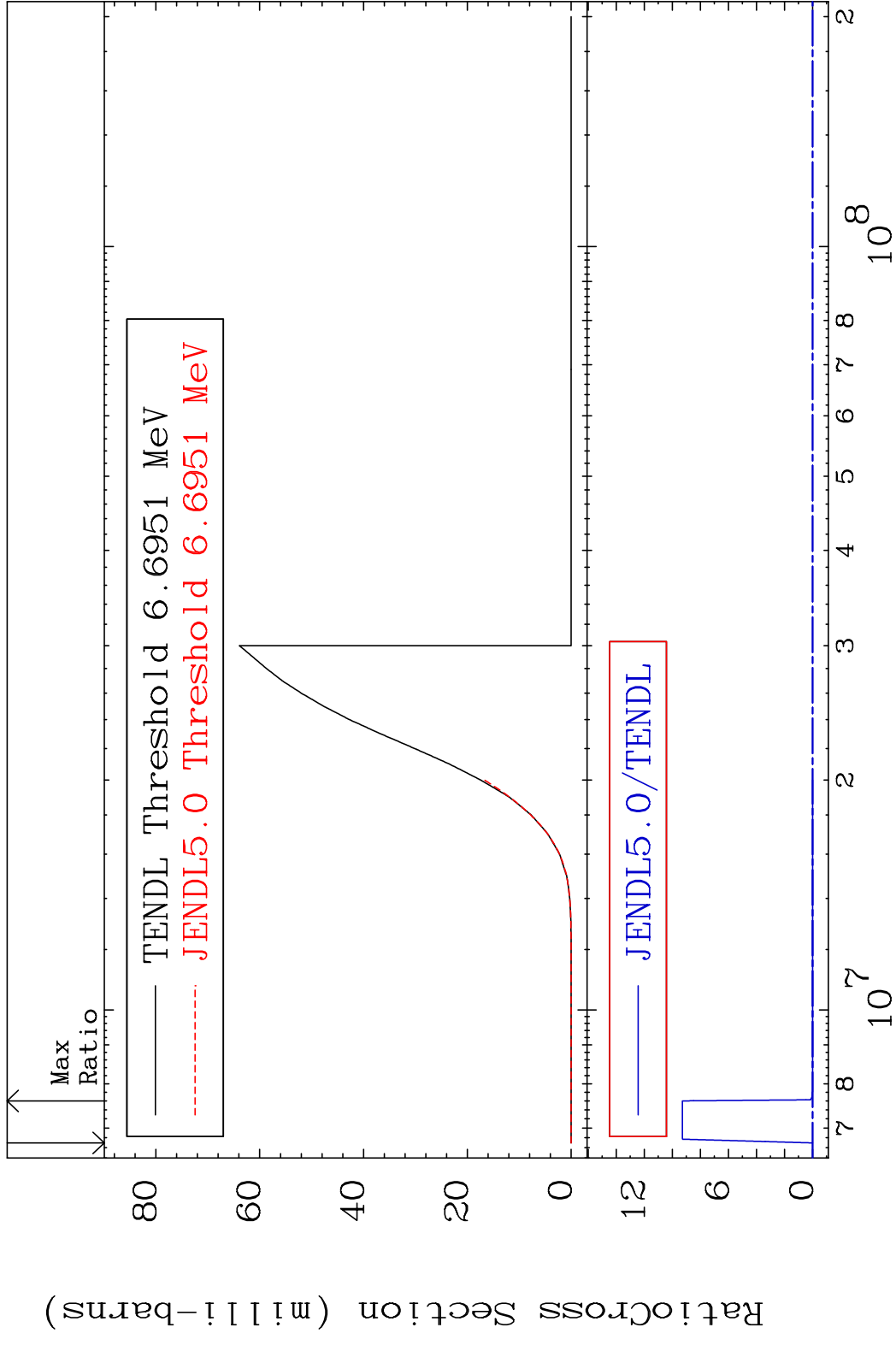


6

Incident Energy (eV)

63-Eu-155

MAT 6337 (n, n') p 63-Eu-155  
 Cross Section -100.0 To 9999. %

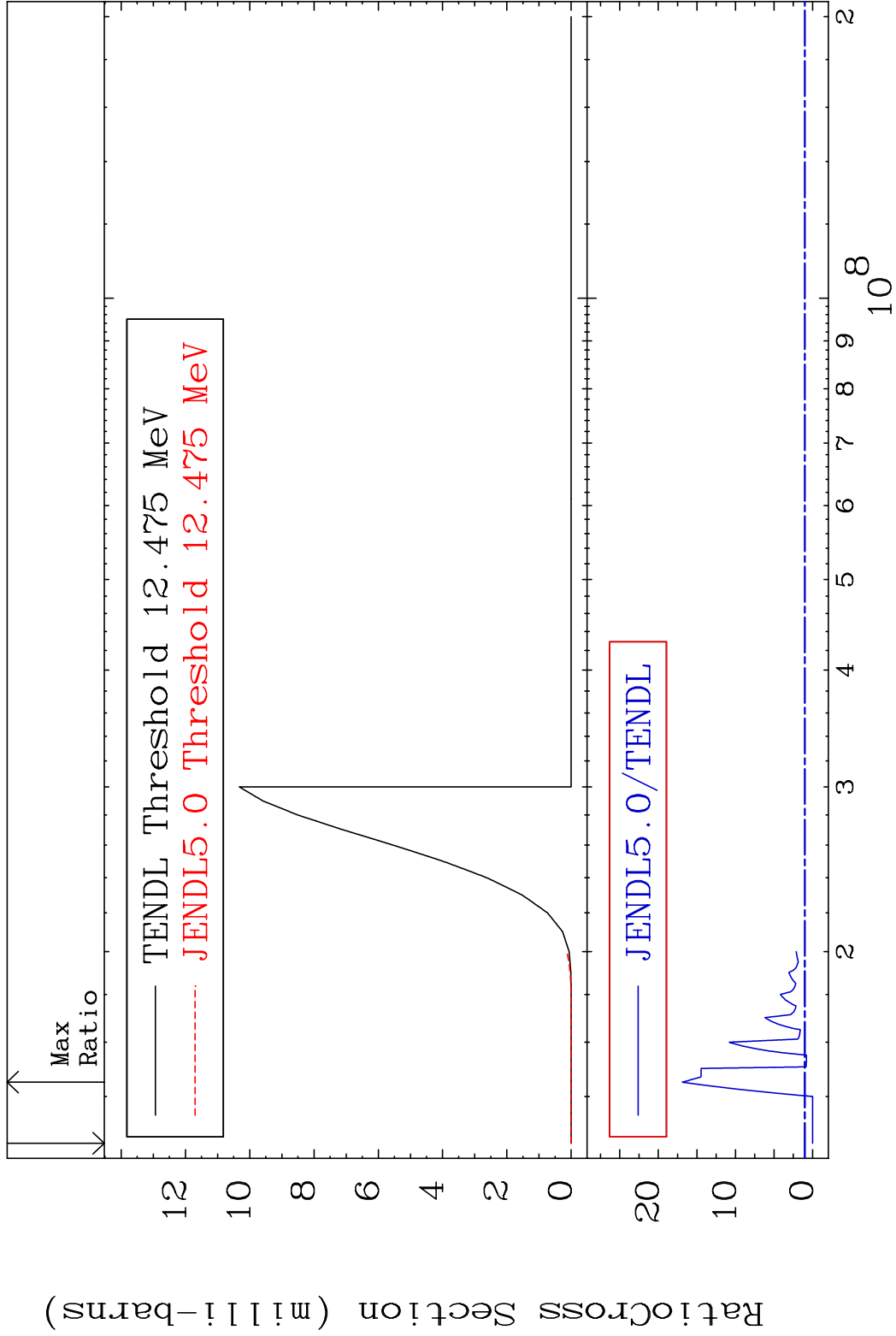


MAT 6337

(n, n') d

63-Eu-155

Cross Section -100.0 To 1588. %



8

Incident Energy (eV)

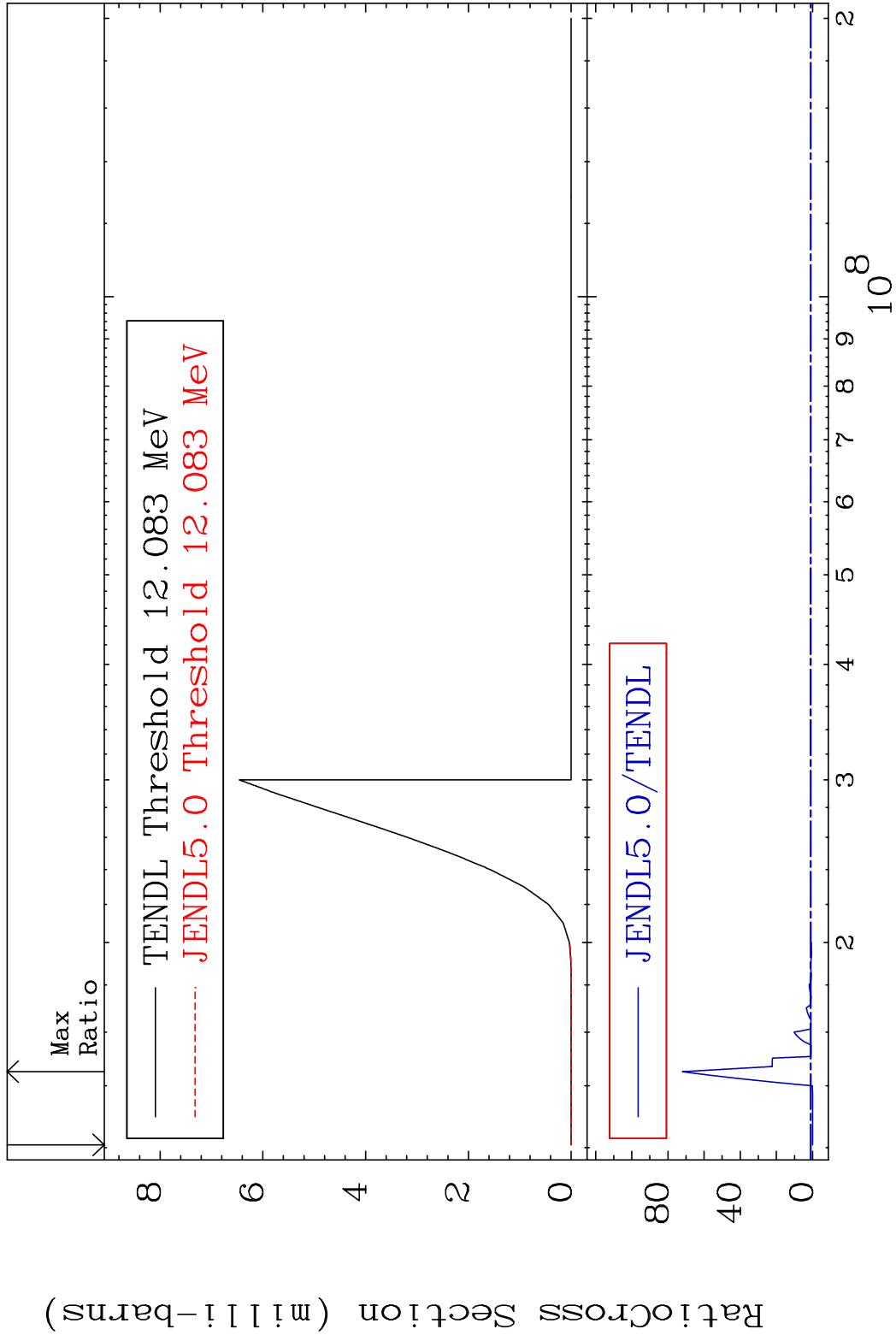
63-Eu-155

MAT 6337

(n, n') t

63-Eu-155

Cross Section -100.0 To 7104. %



9

Incident Energy (eV)

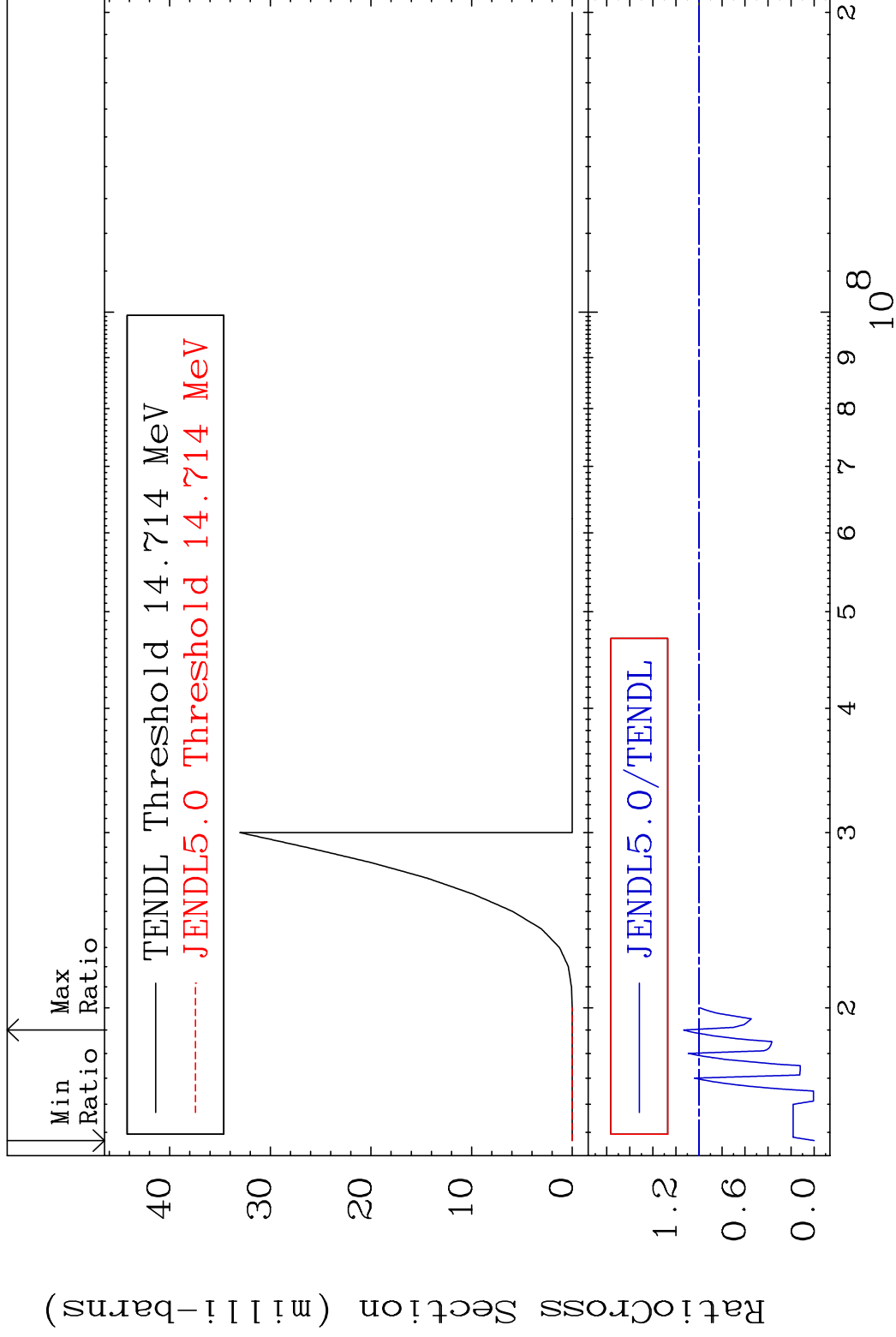
63-Eu-155

MAT 6337

(n,2n) p

63-Eu-155

Cross Section -100.0 To 13.26 %

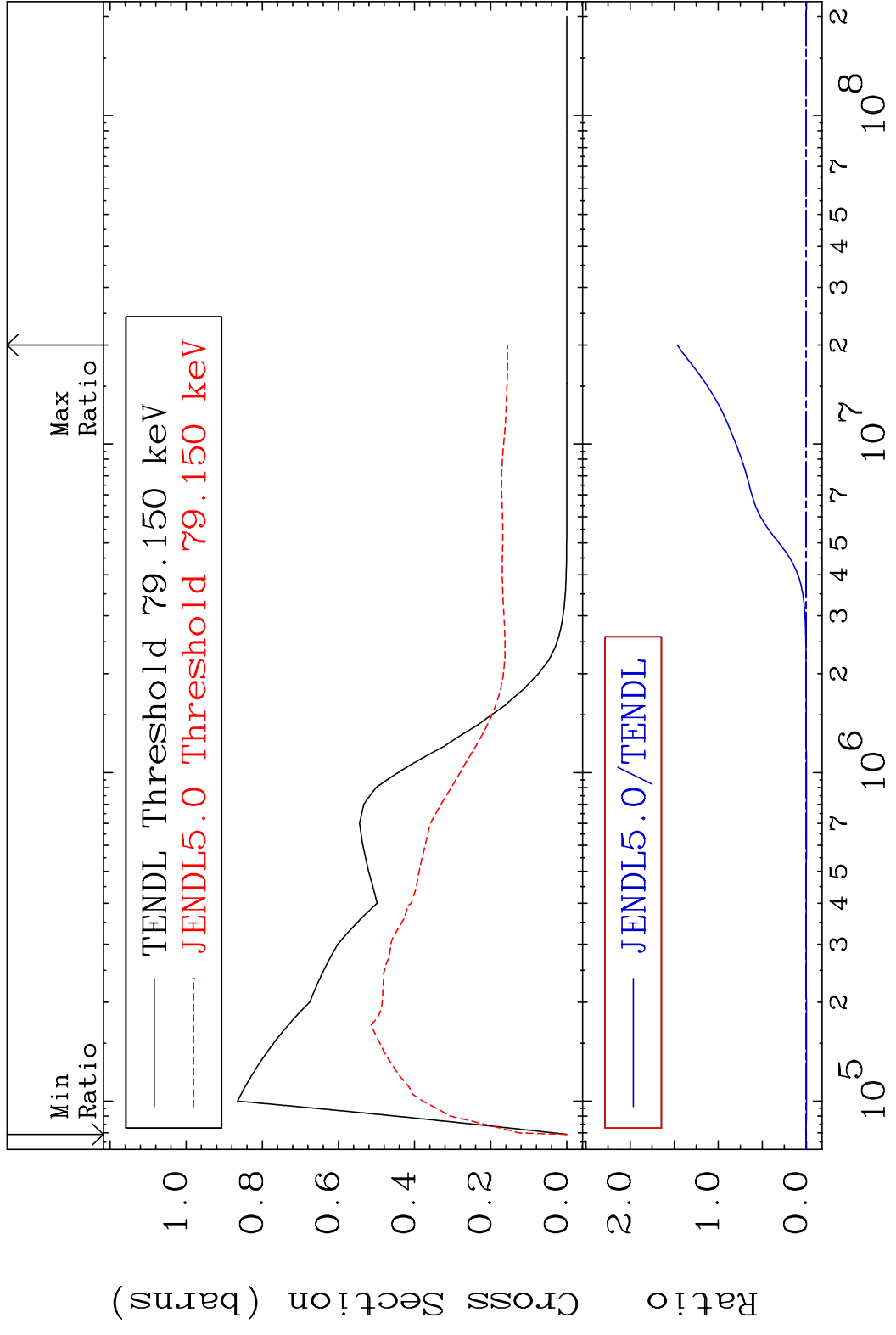


10

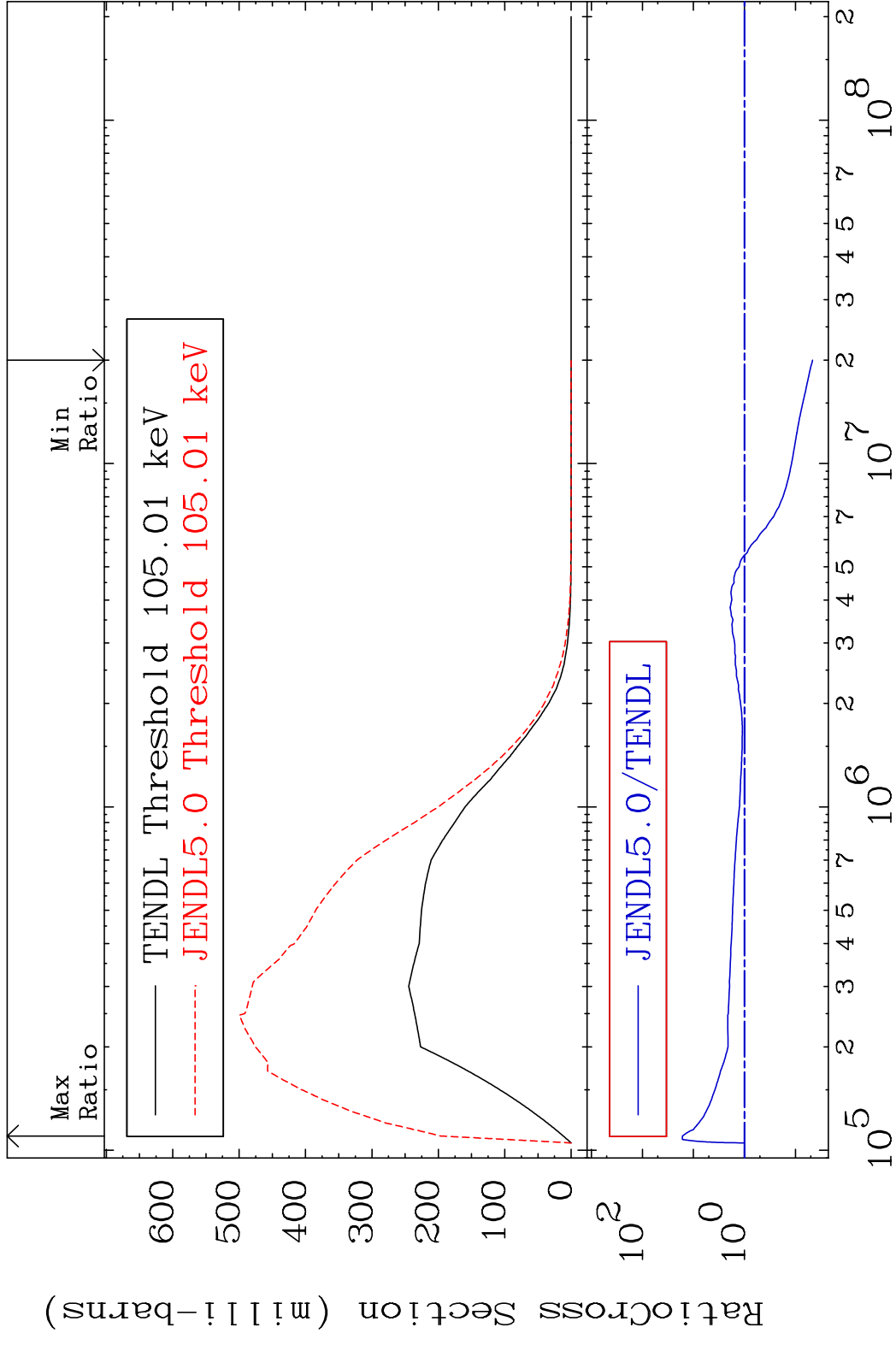
Incident Energy (eV)

63-Eu-155

MAT 6337 MT= 51 (n,n') Level 63-Eu-155  
 Cross Section -100.0 To 9999. %

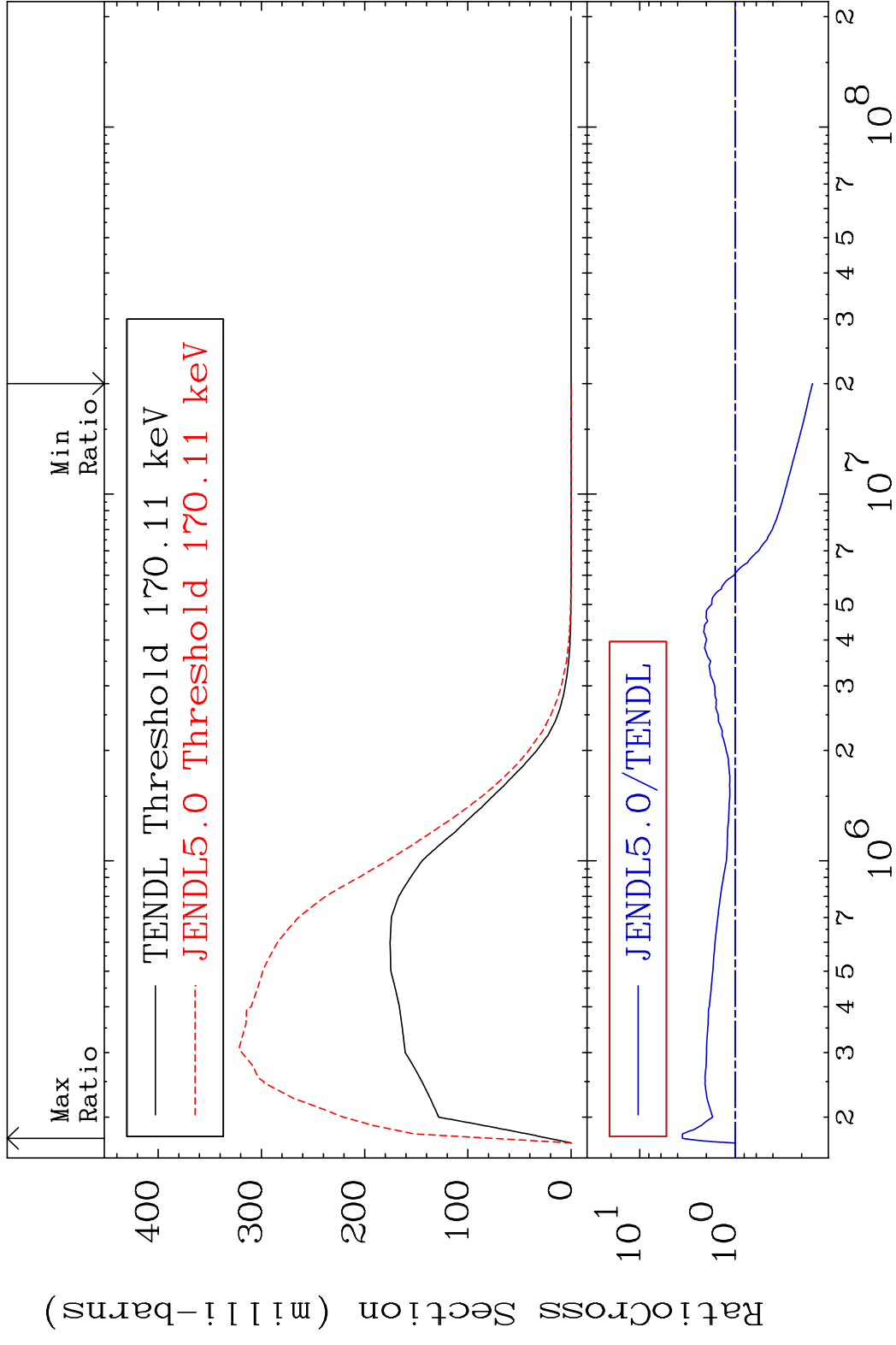


MAT 6337 MT= 52 (n,n') Level 63-Eu-155  
 Cross Section -95.37 To 1547. %

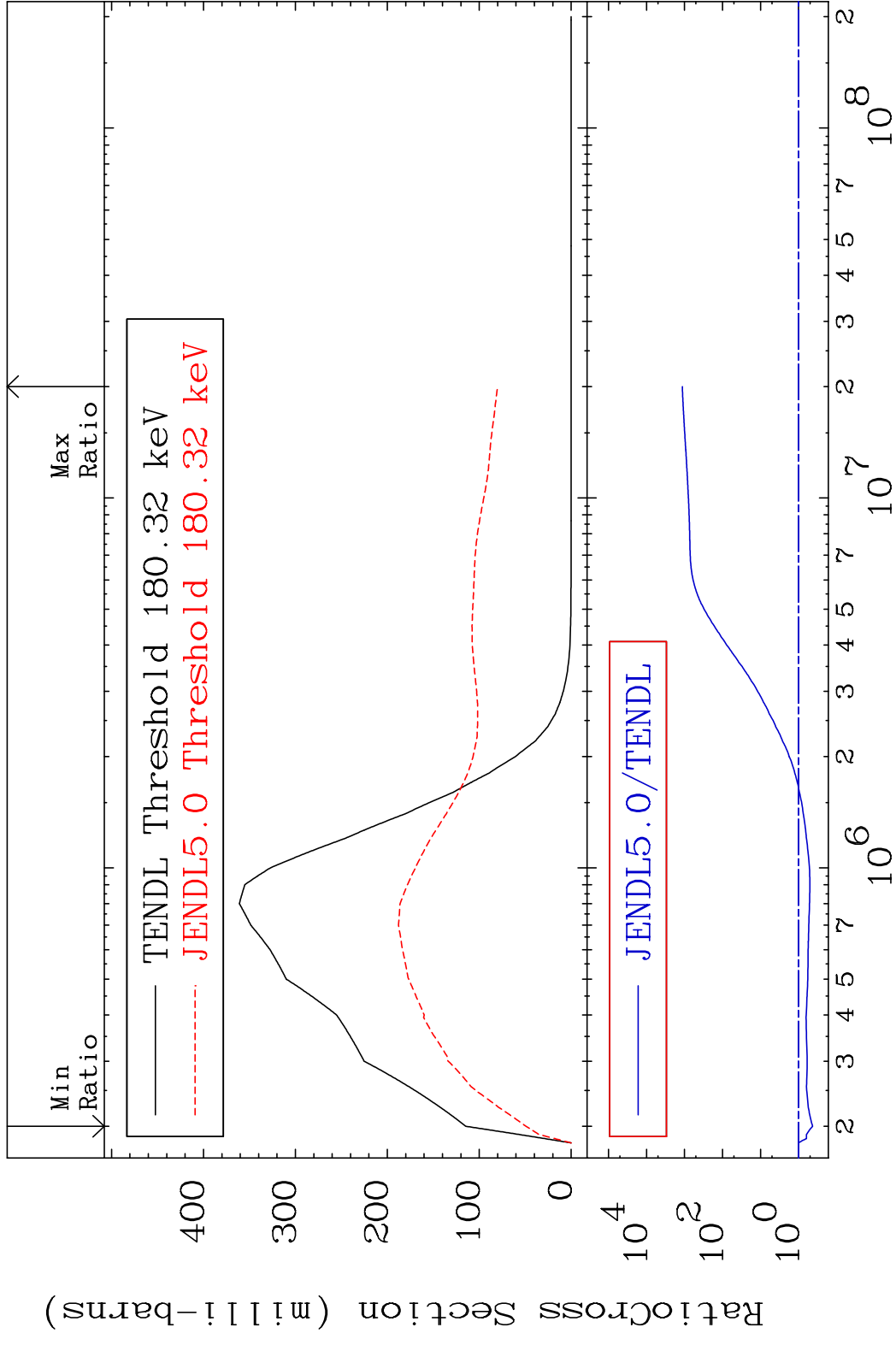


12 Incident Energy (eV) 63-Eu-155

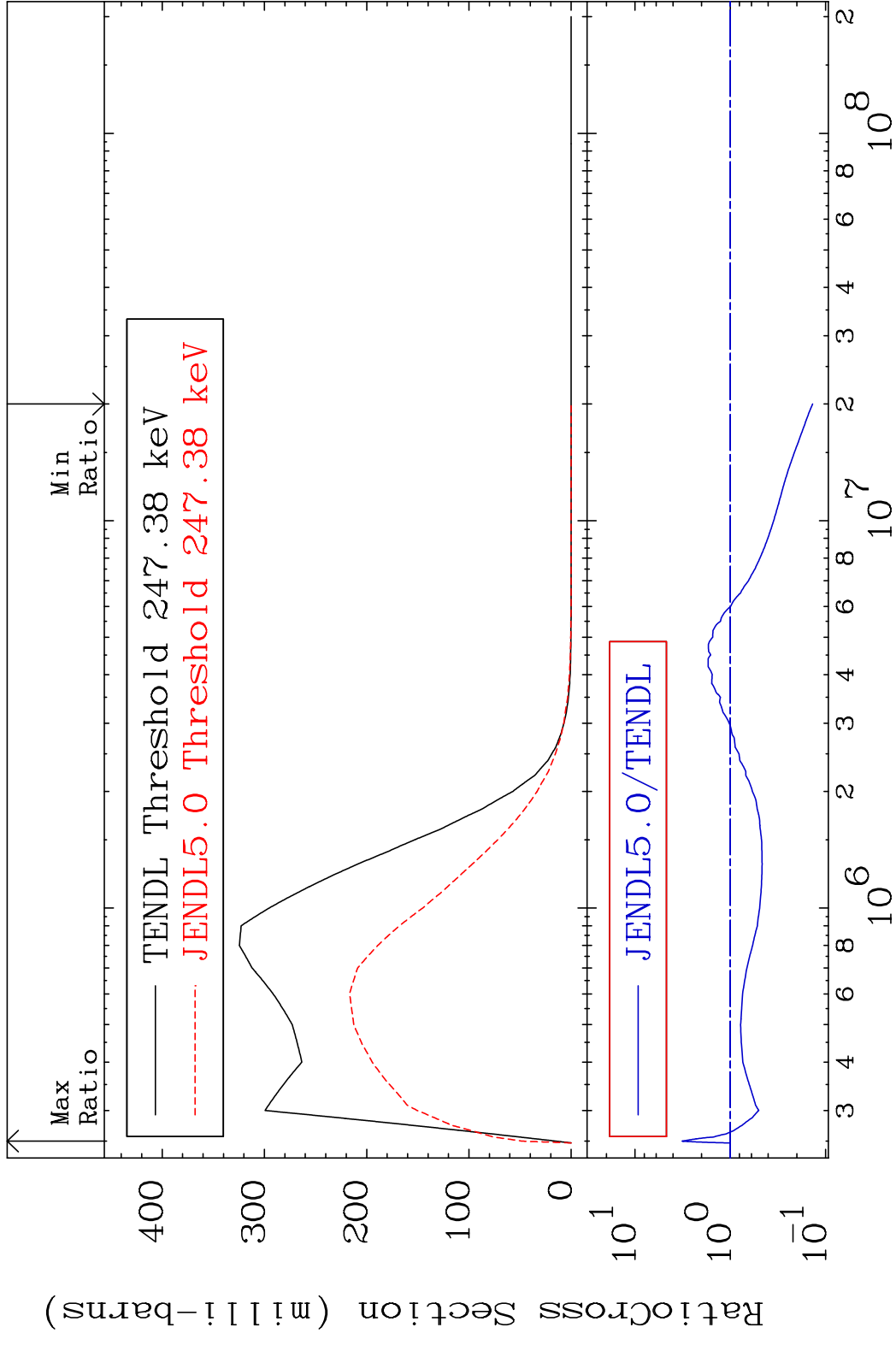
MAT 6337 MT= 53 (n, n') Level 63-Eu-155  
 Cross Section -84.62 To 257.0 %



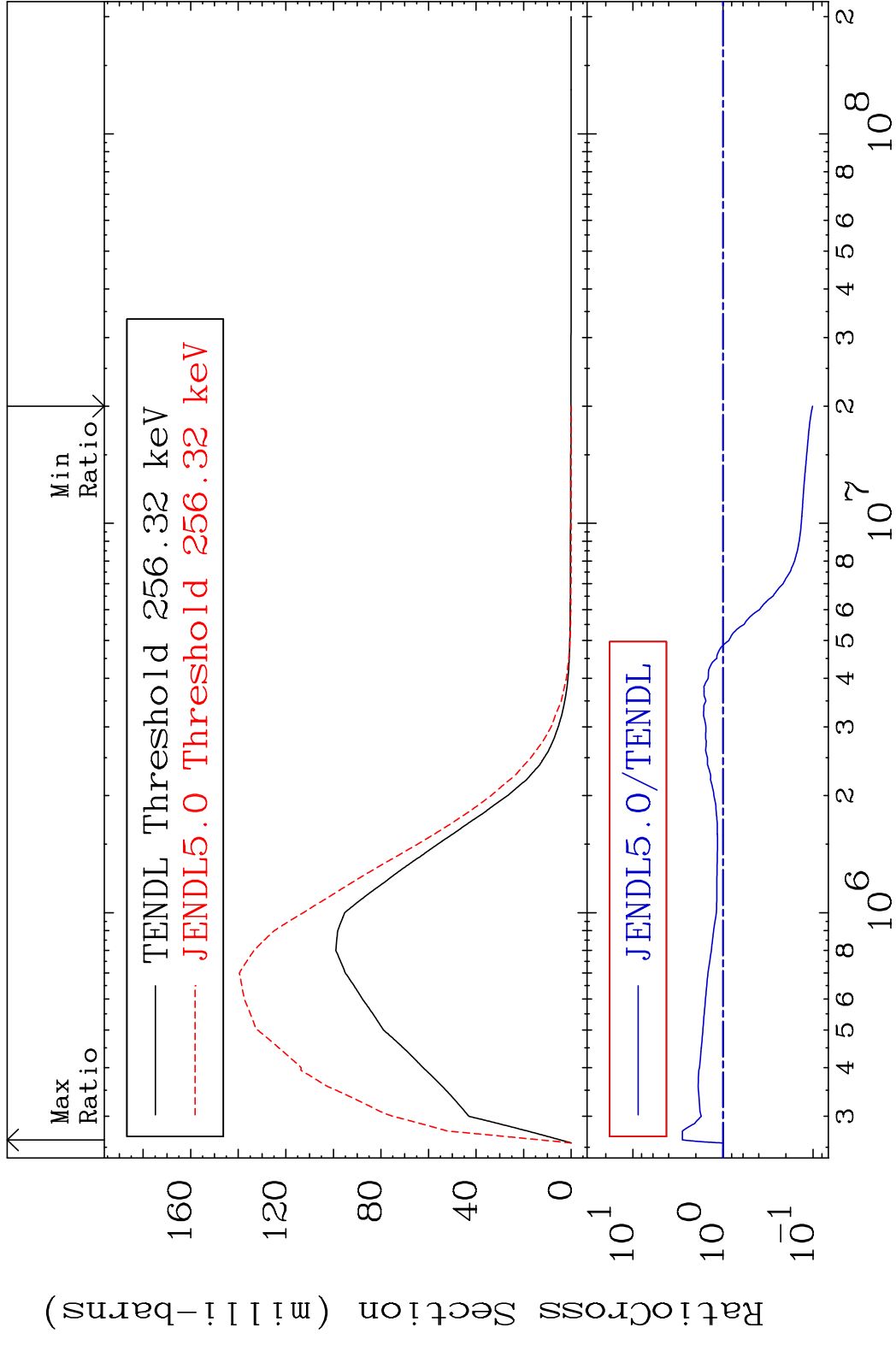
MAT 6337 MT= 54 (n,n') Level 63-Eu-155  
 Cross Section -57.12 To 9999. %



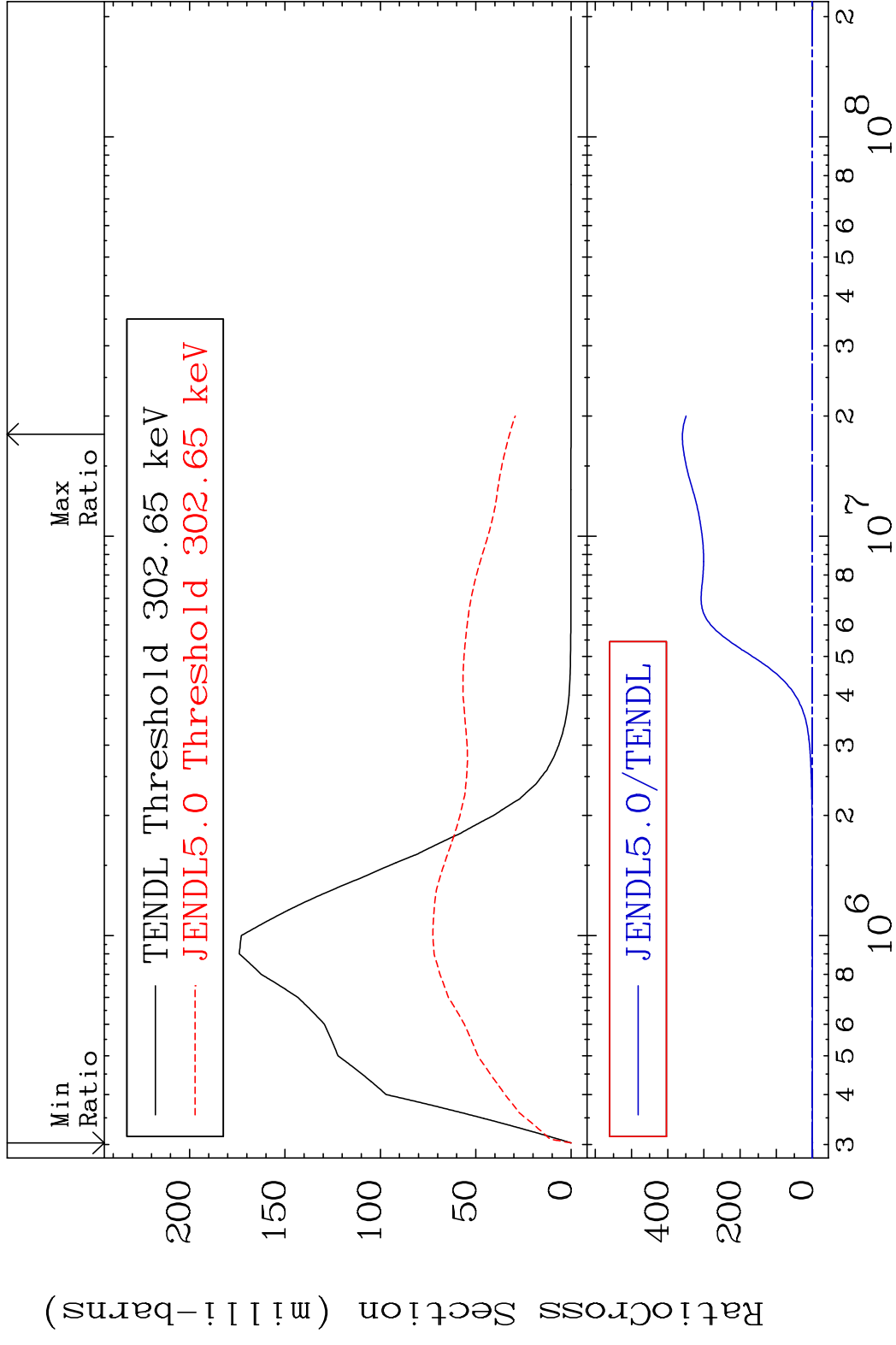
MAT 6337 MT= 55 (n,n') Level 63-Eu-155  
 Cross Section -86.33 To 218.6 %



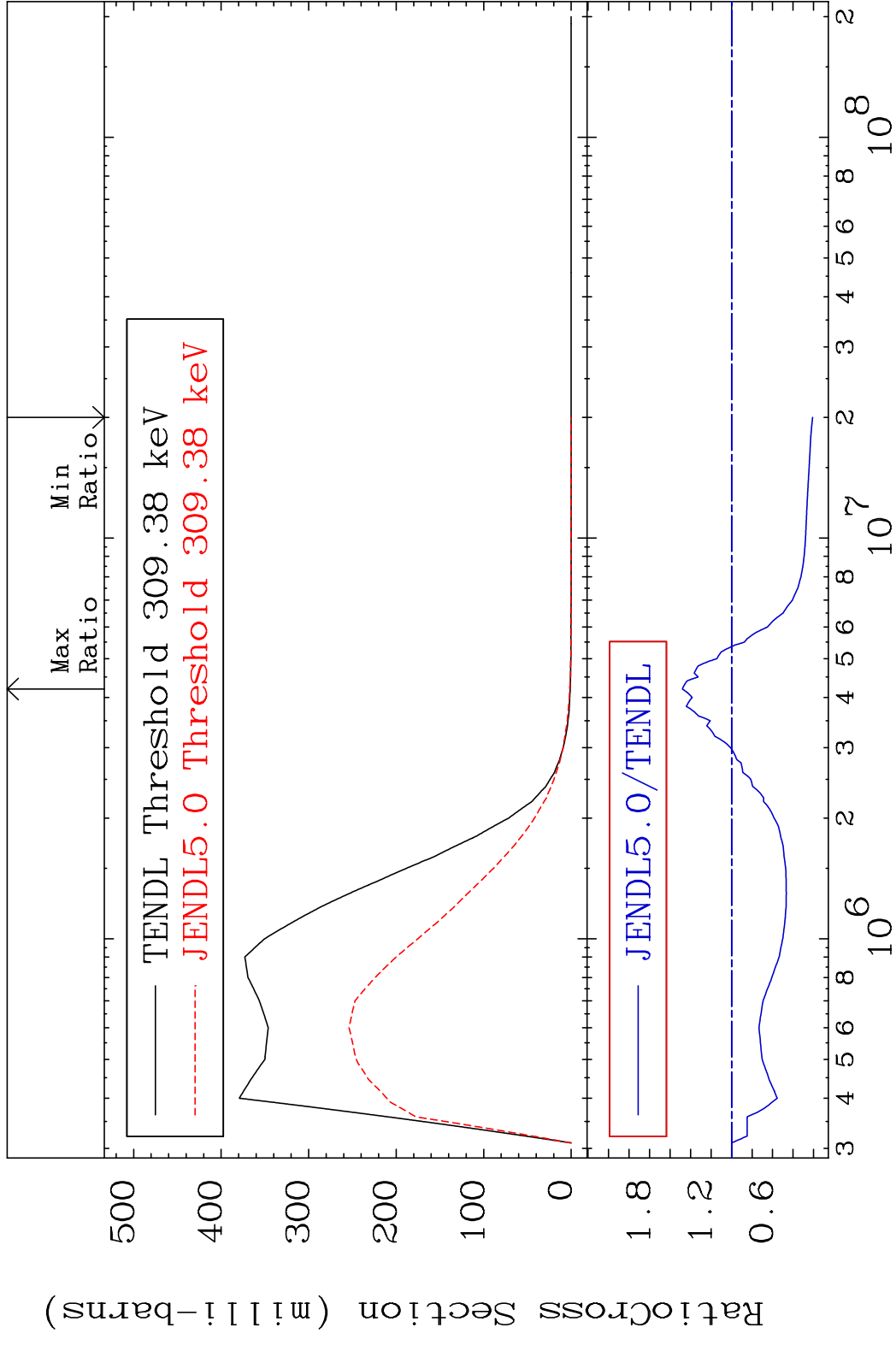
MAT 6337 MT= 56 (n,n') Level 63-Eu-155  
 Cross Section -89.85 To 182.7 %



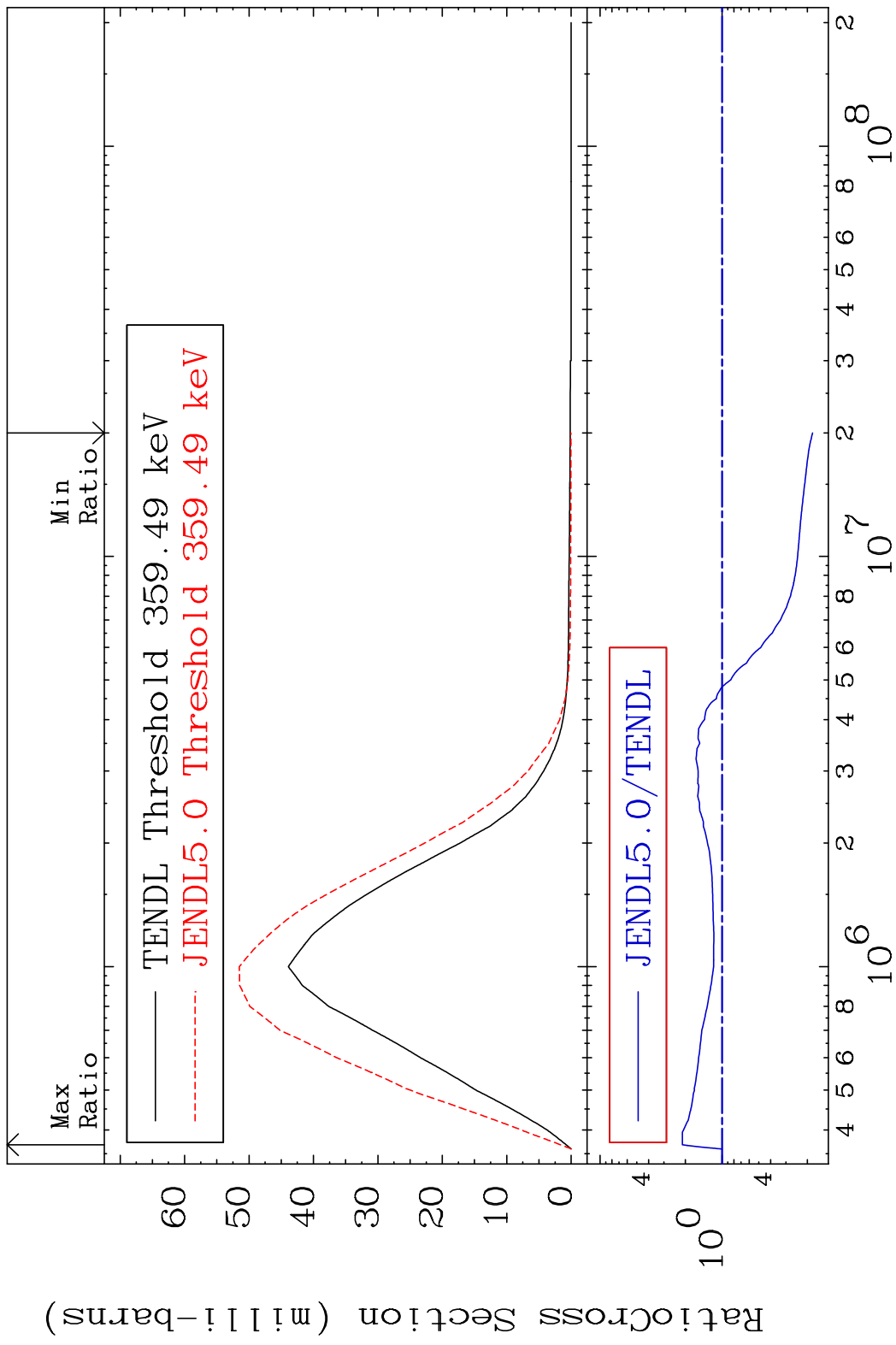
MAT 6337 MT= 57 (n, n') Level 63-Eu-155  
 Cross Section -100.0 To 9999. %



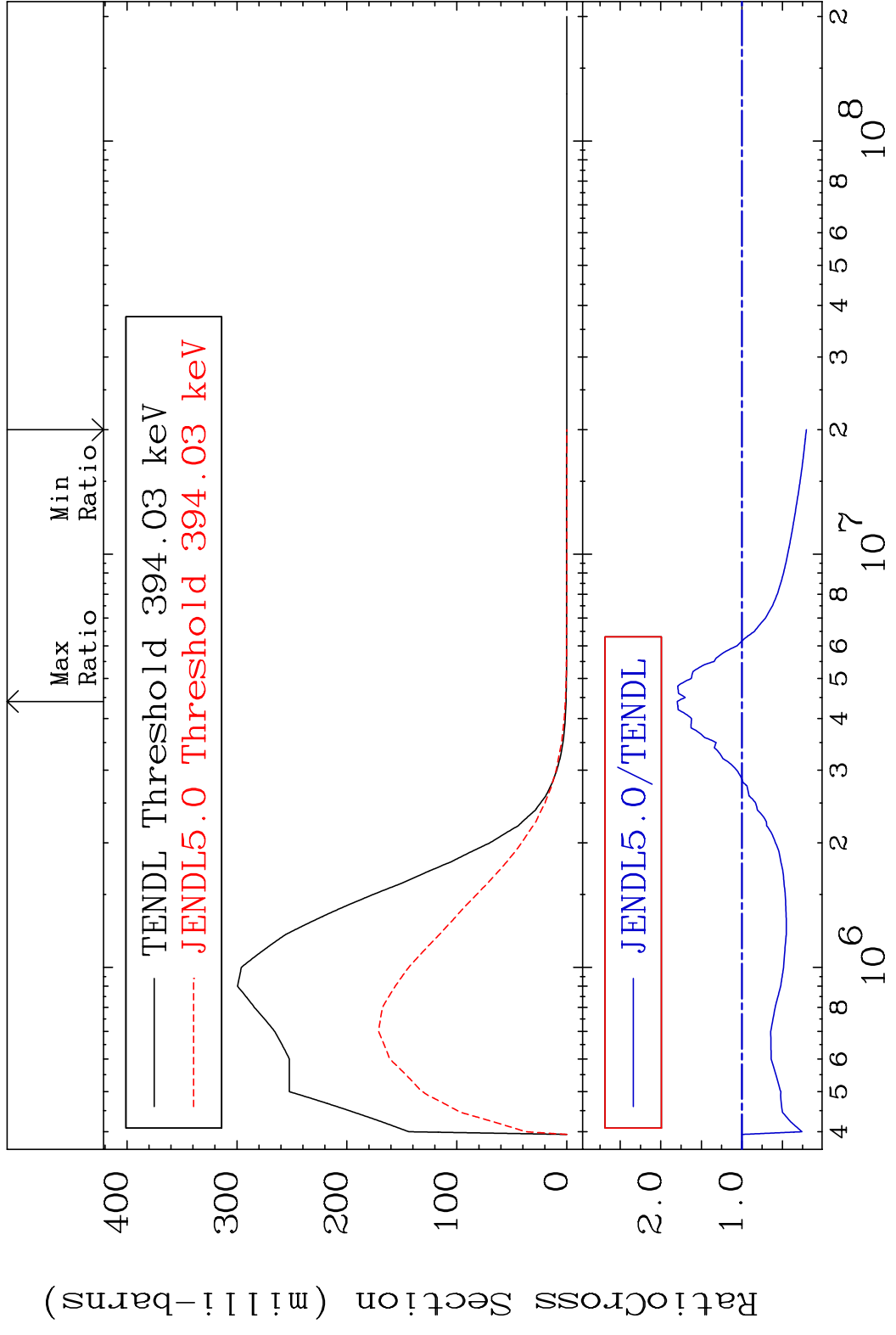
MAT 6337 MT= 58 (n, n') Level 63-Eu-155  
 Cross Section -79.02 To 48.02 %



MAT 6337 MT= 59 (n, n') Level 63-Eu-155  
 Cross Section -81.85 To 111.7 %

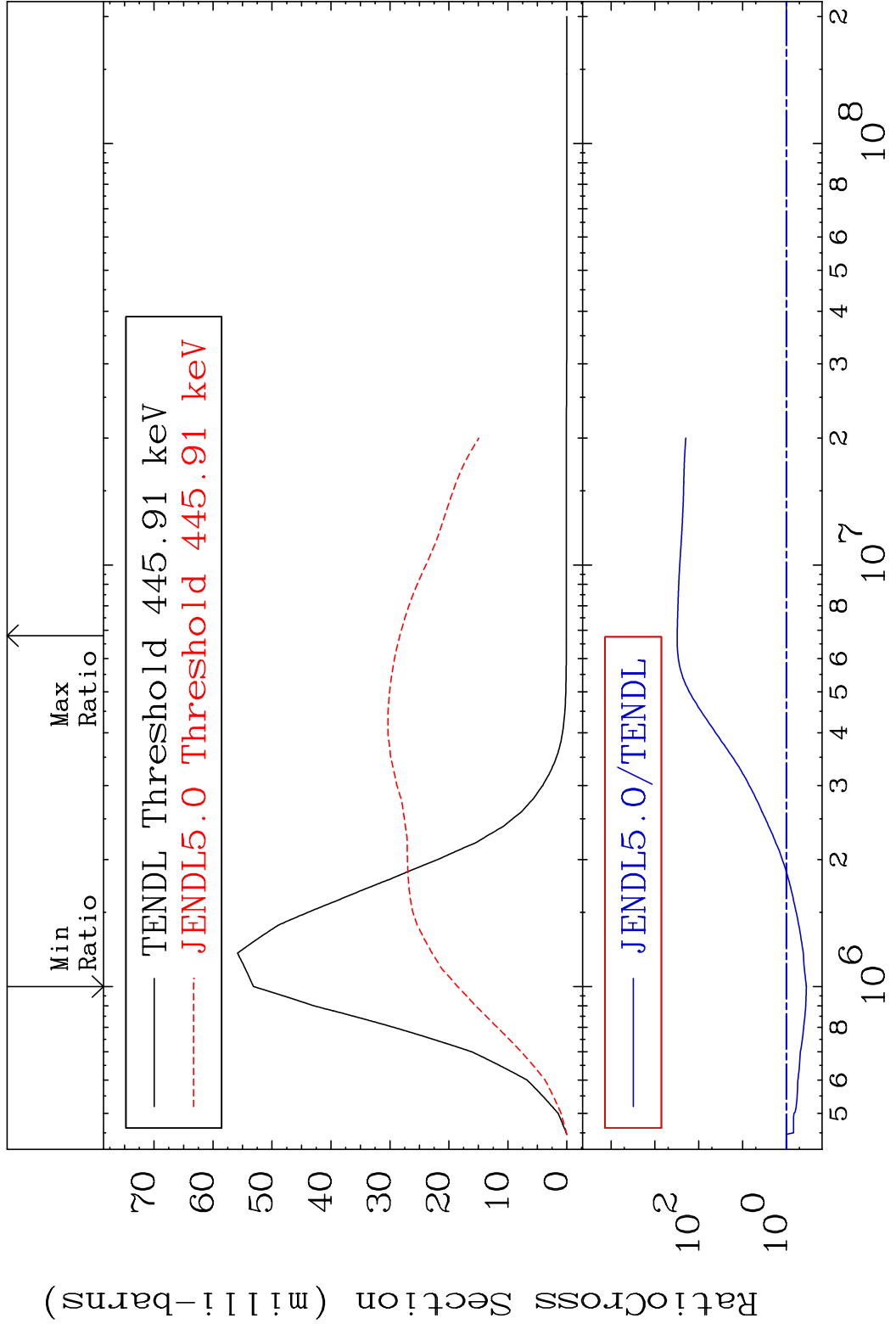


MAT 6337 MT= 60 (n, n') Level 63-Eu-155  
 Cross Section -79.59 To 79.79 %

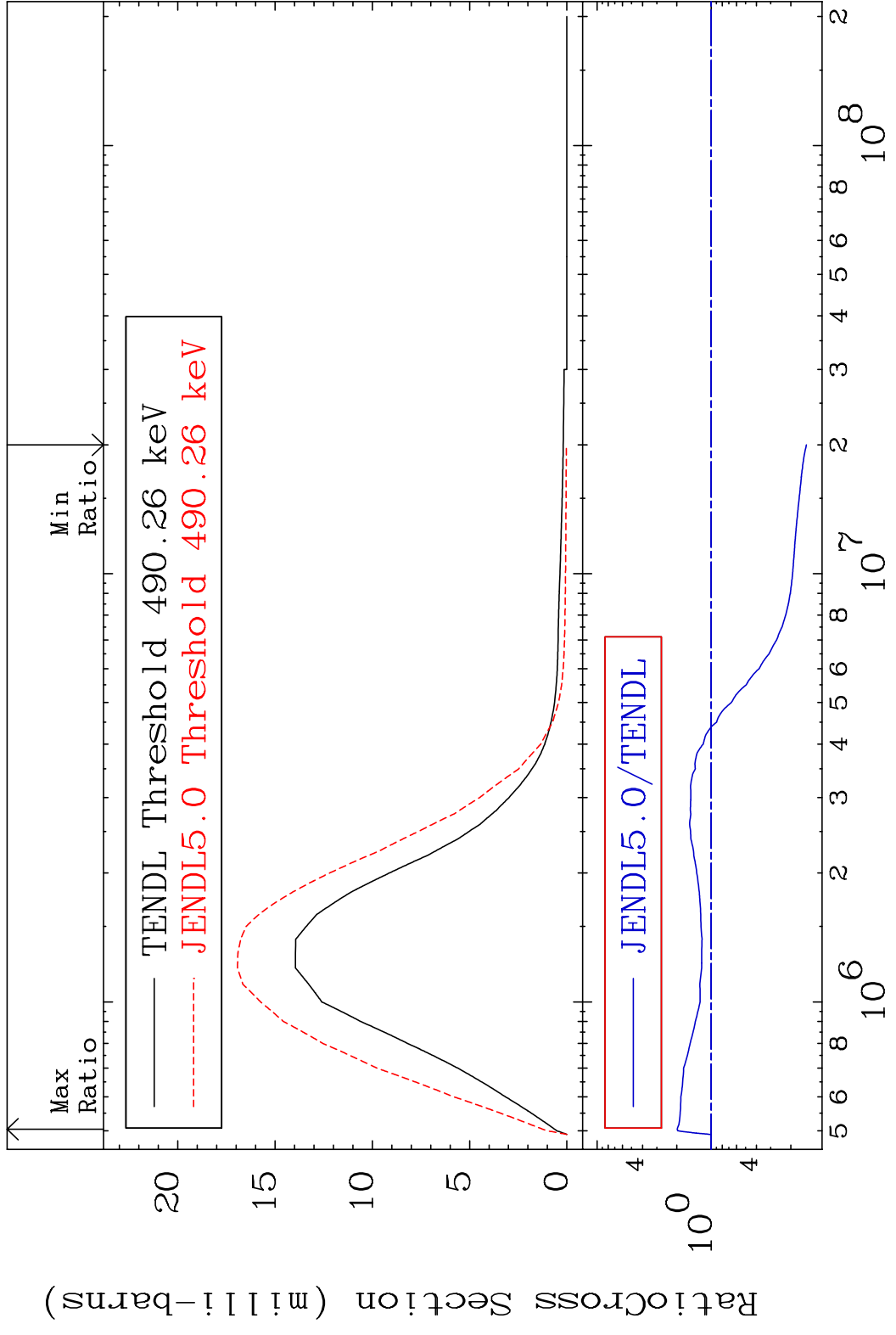


20 63-Eu-155

MAT 6337 MT= 61 (n, n') Level 63-Eu-155  
 Cross Section -65.15 To 9999. %

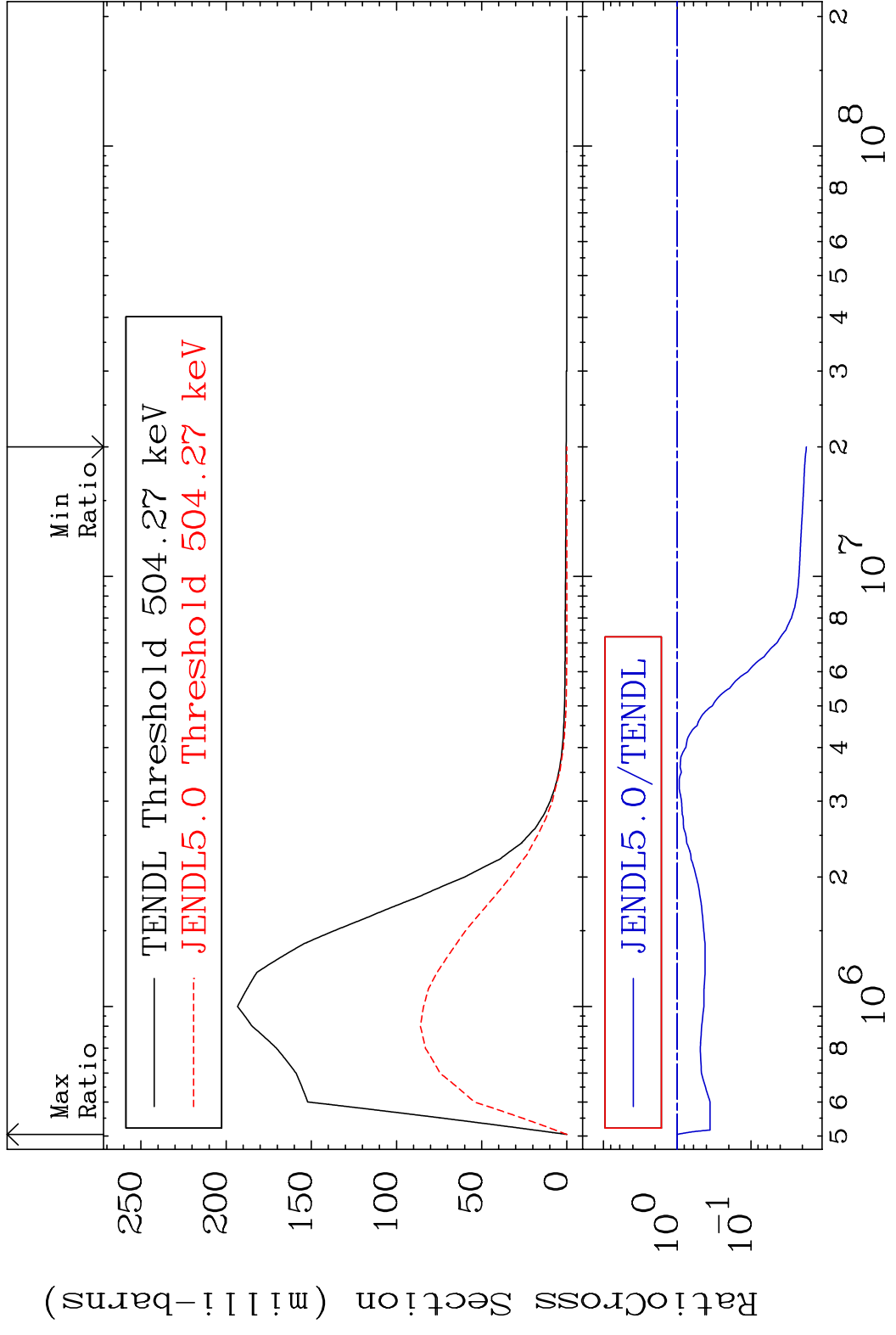


MAT 6337 MT= 62 (n, n') Level 63-Eu-155  
 Cross Section -85.39 To 98.65 %



22 Incident Energy (eV) 63-Eu-155

MAT 6337 MT= 63 (n, n') Level 63-Eu-155  
 Cross Section -98.23 To 0.000 %

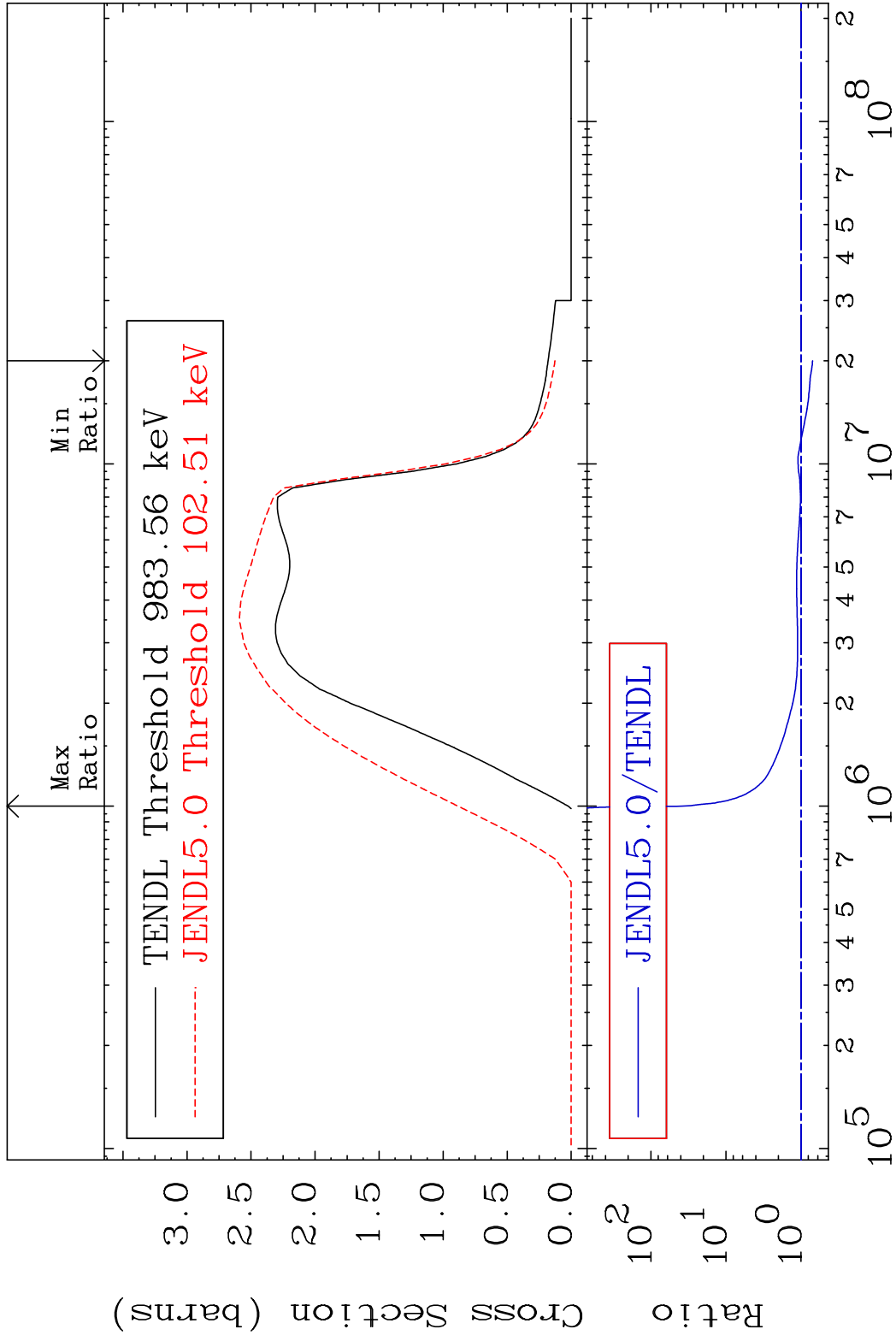


MAT 6337

(n, n') Continuum

63-Eu-155

Cross Section -29.63 To 3706. %



24

Incident Energy (eV)

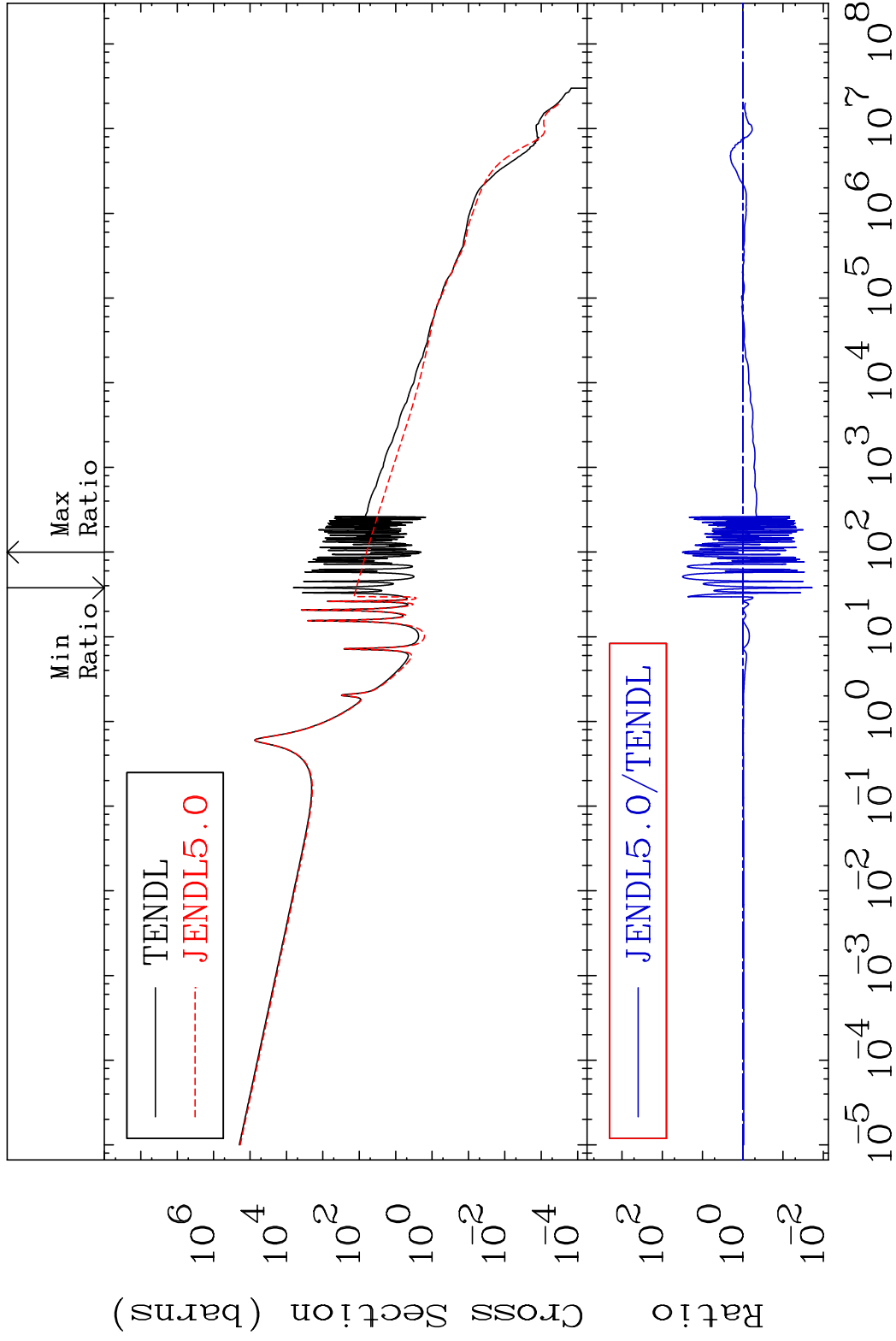
63-Eu-155

MAT 6337

(n,  $\gamma$ )

63-Eu-155

Cross Section -98.15 To 3067. %



25

Incident Energy (eV)

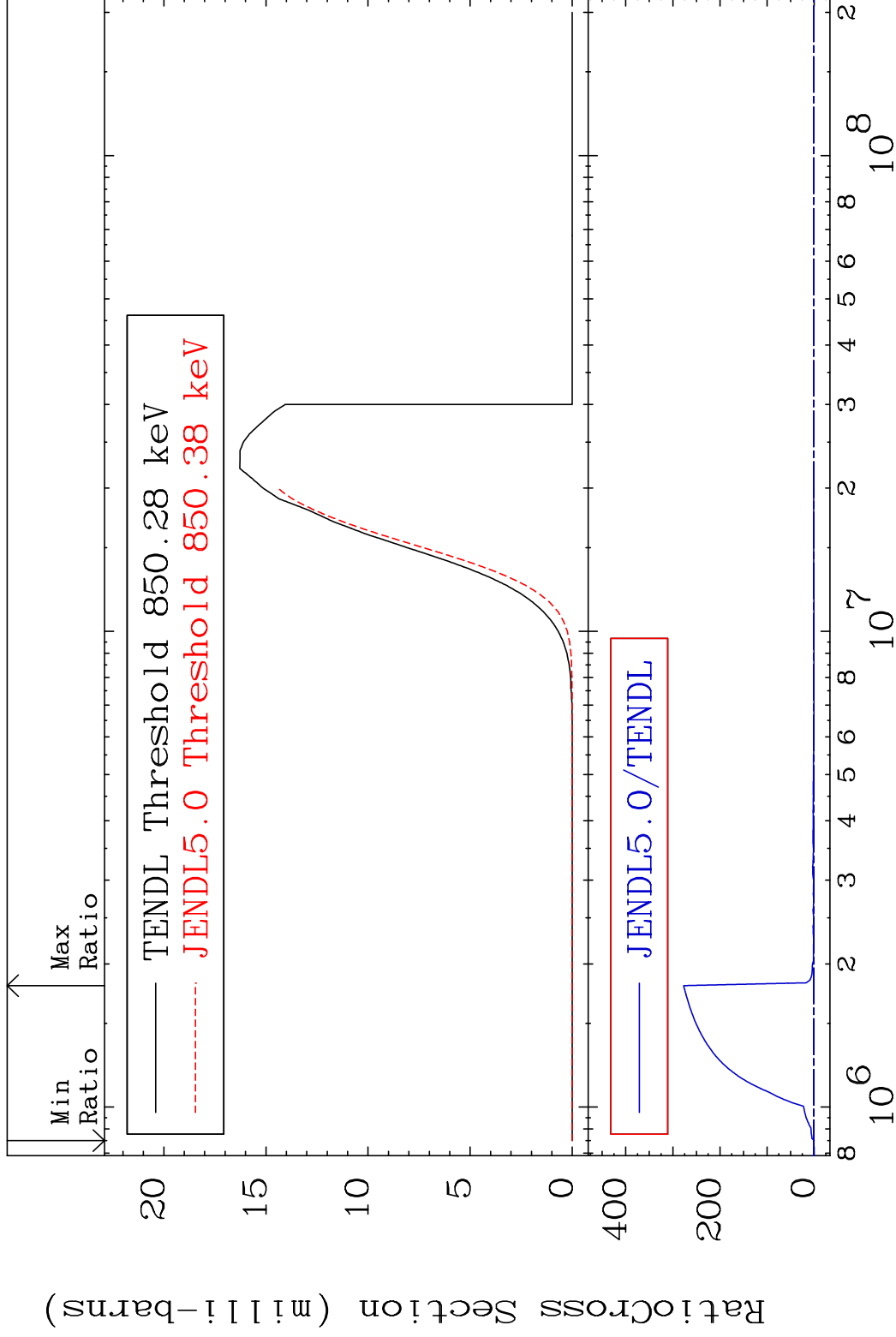
63-Eu-155

MAT 6337

(n,p)

63-Eu-155

Cross Section -100.0 To 9999. %

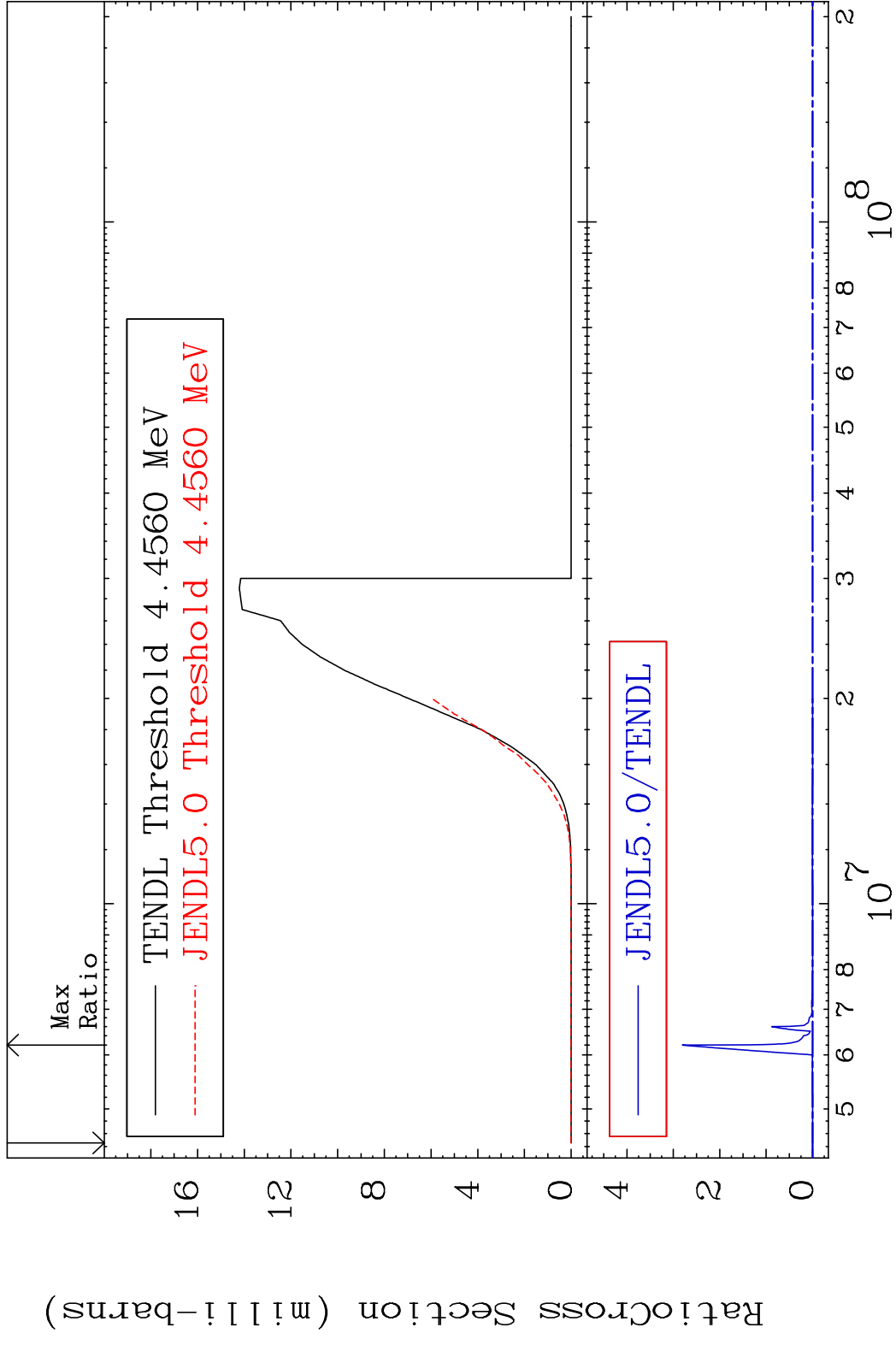


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Incident Energy (eV)

63-Eu-155

MAT 6337 (n,d) 63-Eu-155  
 Cross Section -100.0 To 9999. %

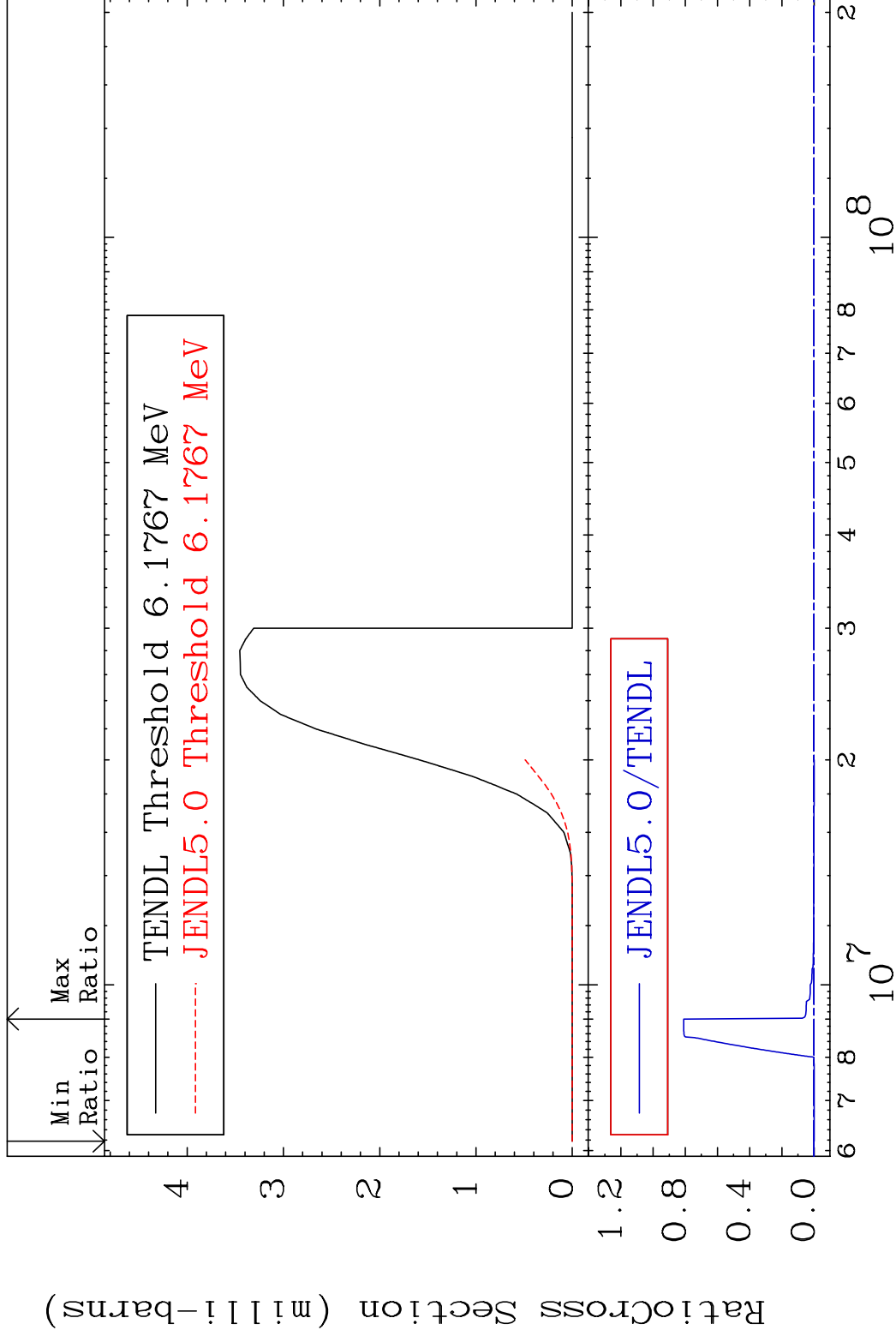


MAT 6337

(n, t)

63-Eu-155

Cross Section -100.0 To 9999. %



28

Incident Energy (eV)

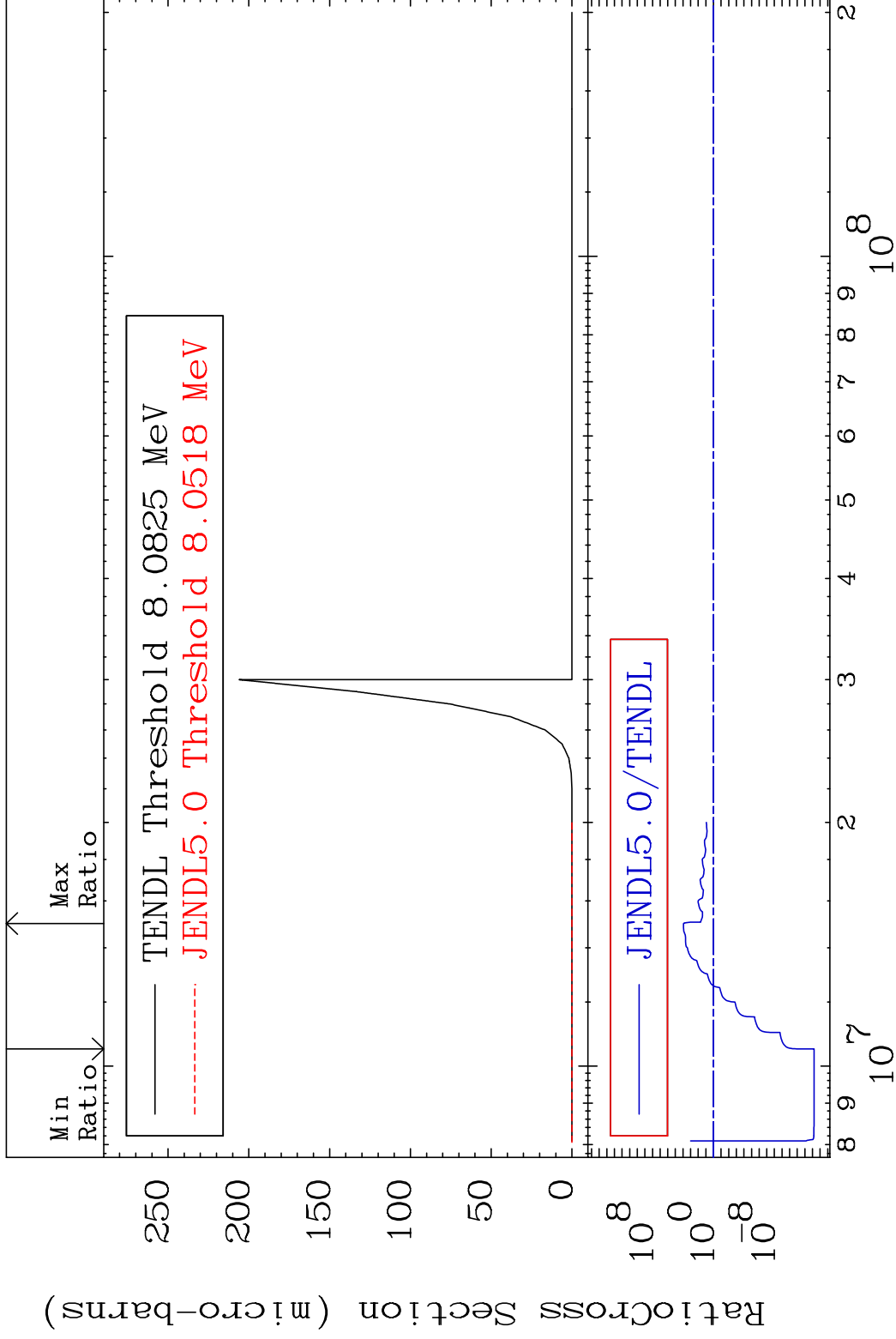
63-Eu-155

MAT 6337

(n, He-3)

63-Eu-155

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

63-Eu-155

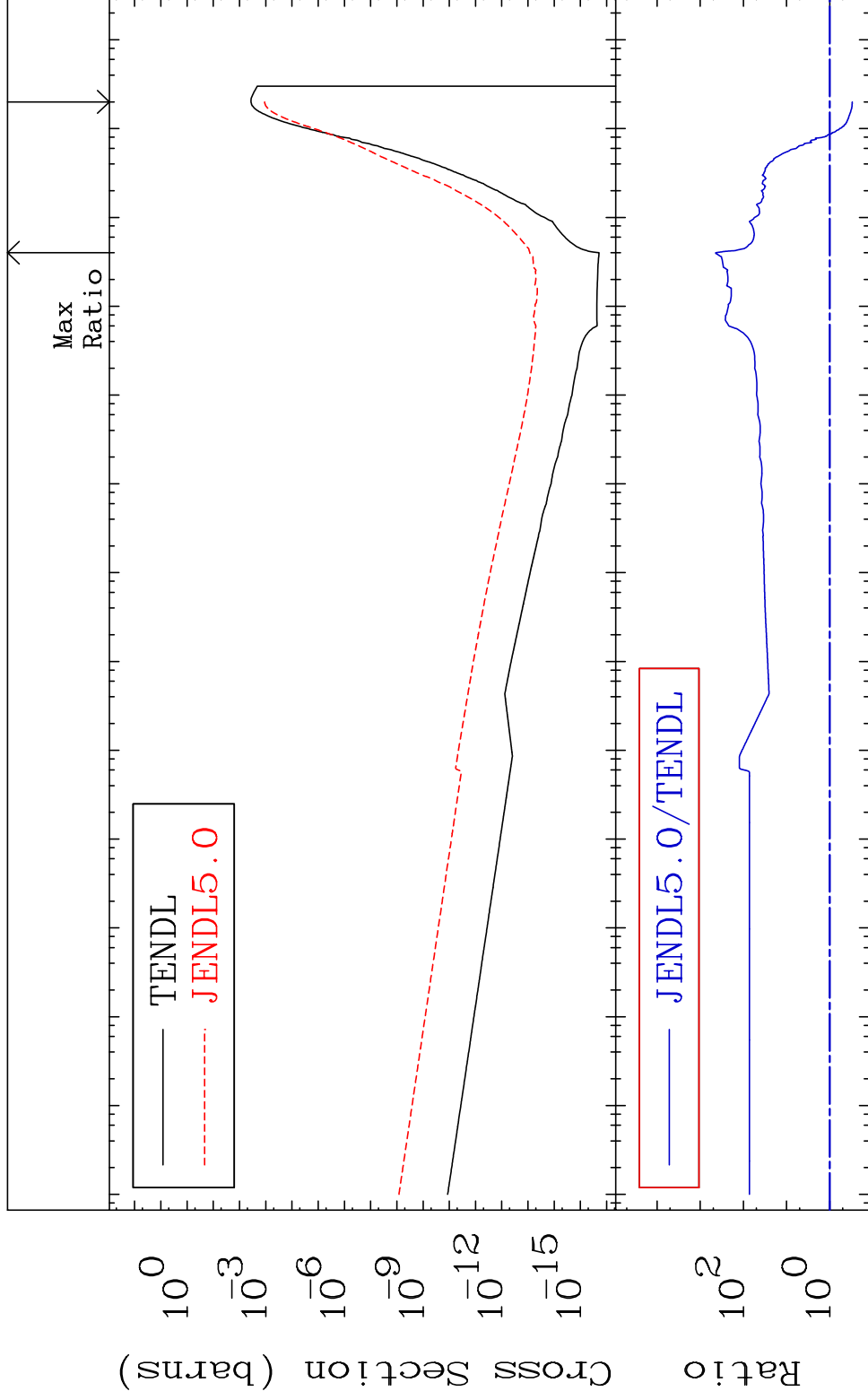
MAT 6337

(n,  $\alpha$ )

63-Eu-155

Cross Section

-69.74 To 9999. %



Cross Section (barns)

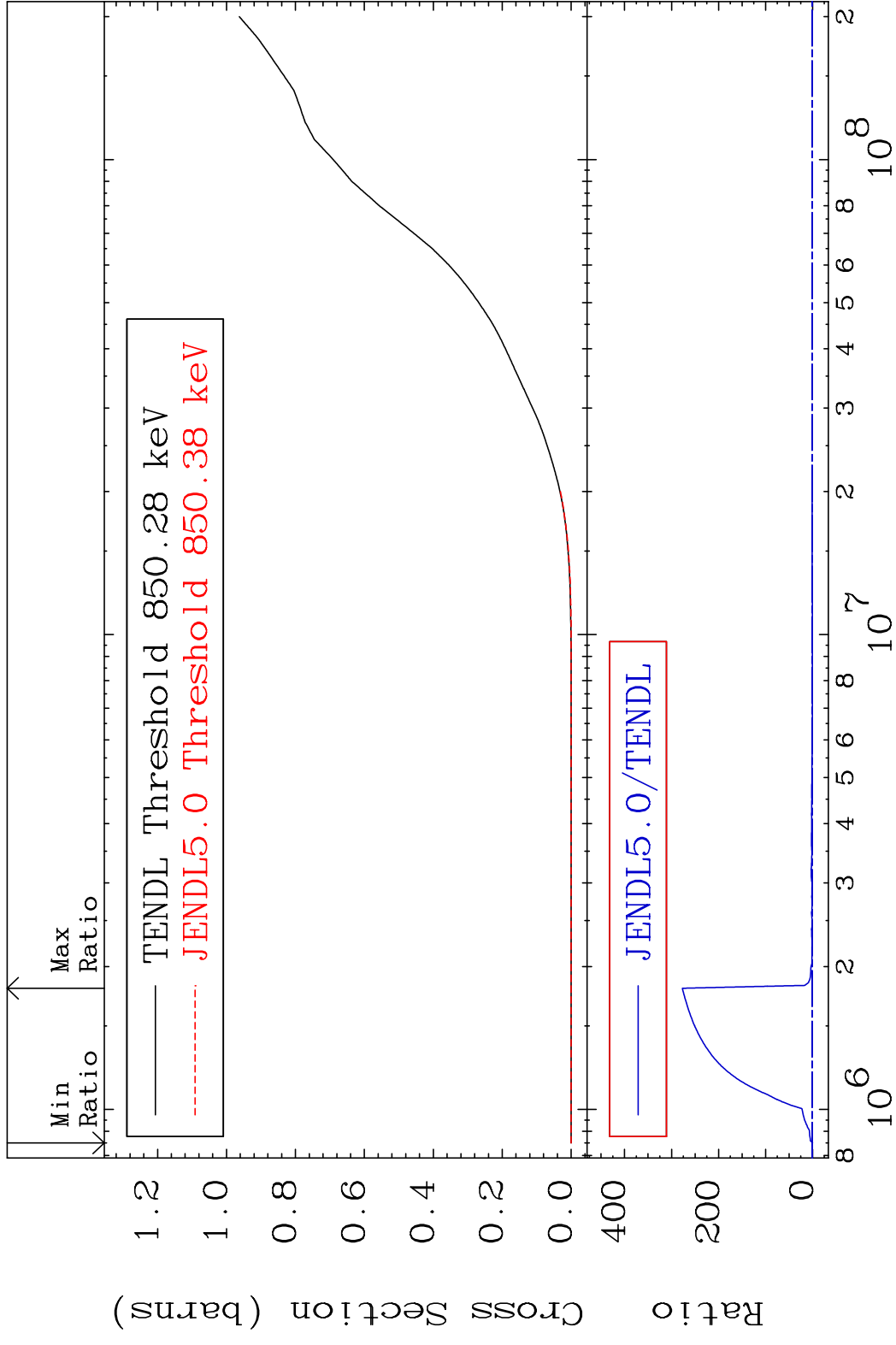
Ratio

Incident Energy (eV)

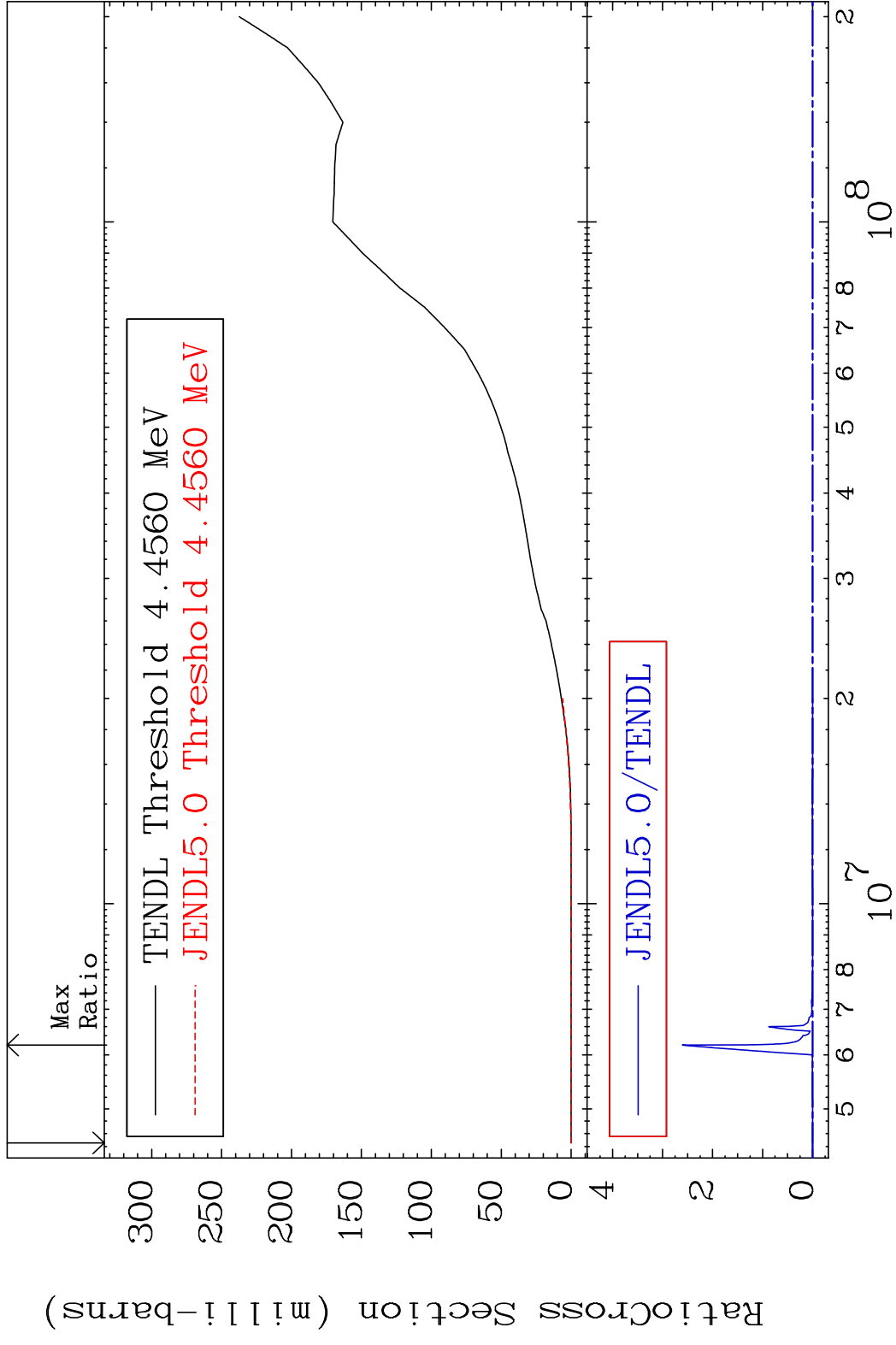
30

63-Eu-155

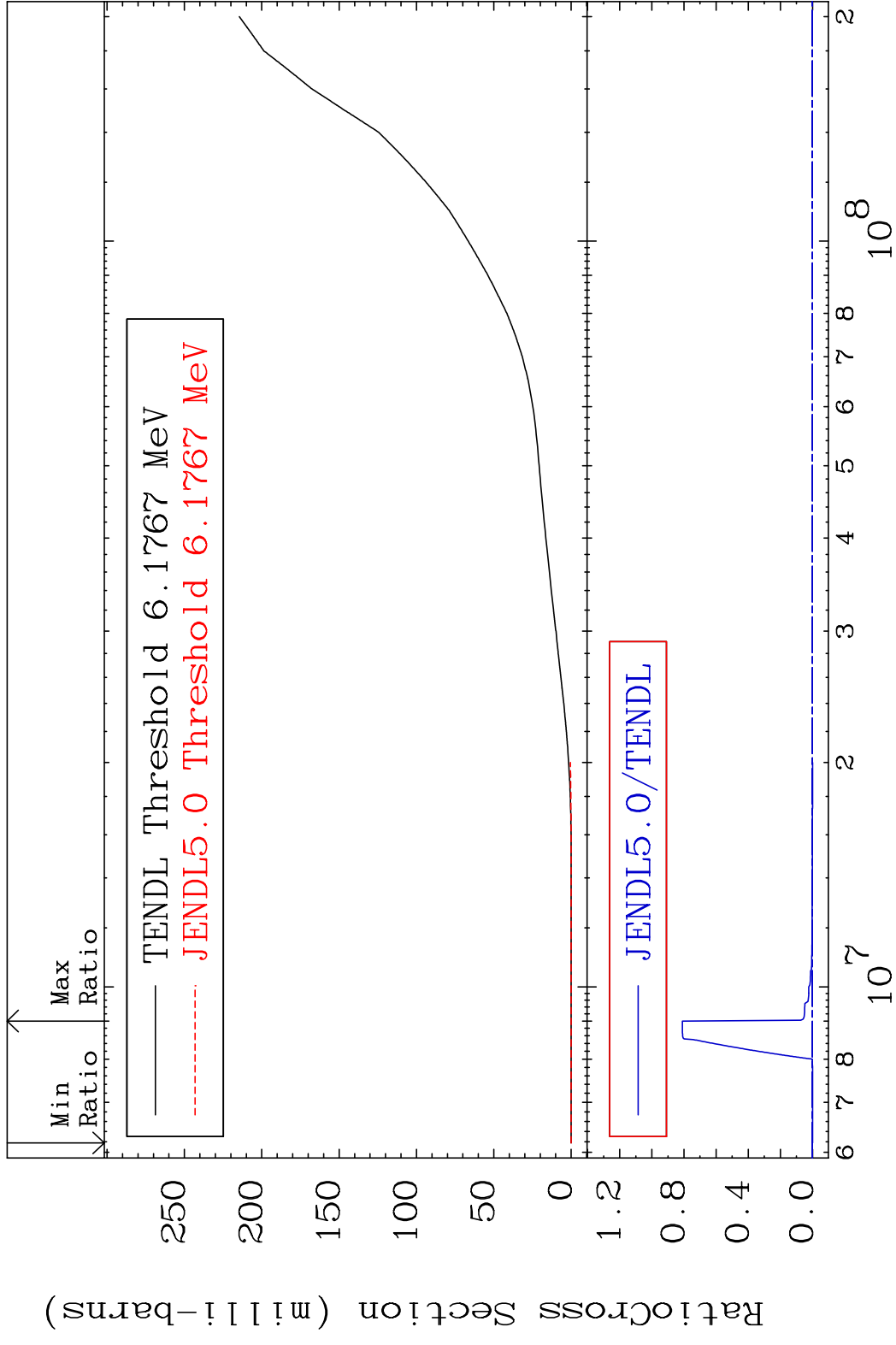
MAT 6337 Hydrogen Production 63-Eu-155  
 Cross Section -100.0 To 9999. %



MAT 6337 Deuterium Production 63-Eu-155  
 Cross Section -100.0 To 9999. %



MAT 6337 Tritium Production 63-Eu-155  
 Cross Section -100.0 To 9999. %

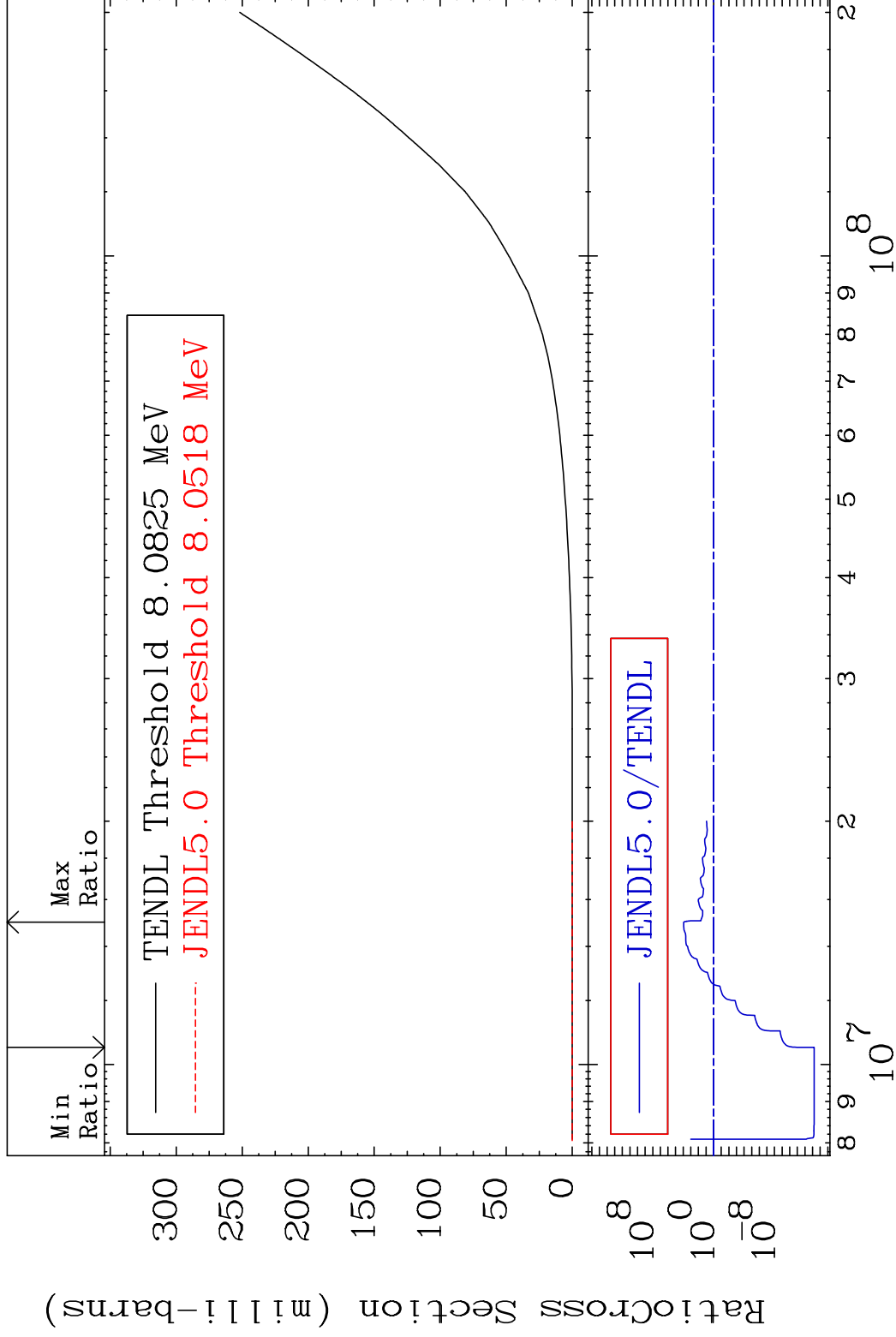


MAT 6337

He-3 Production

63-Eu-155

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

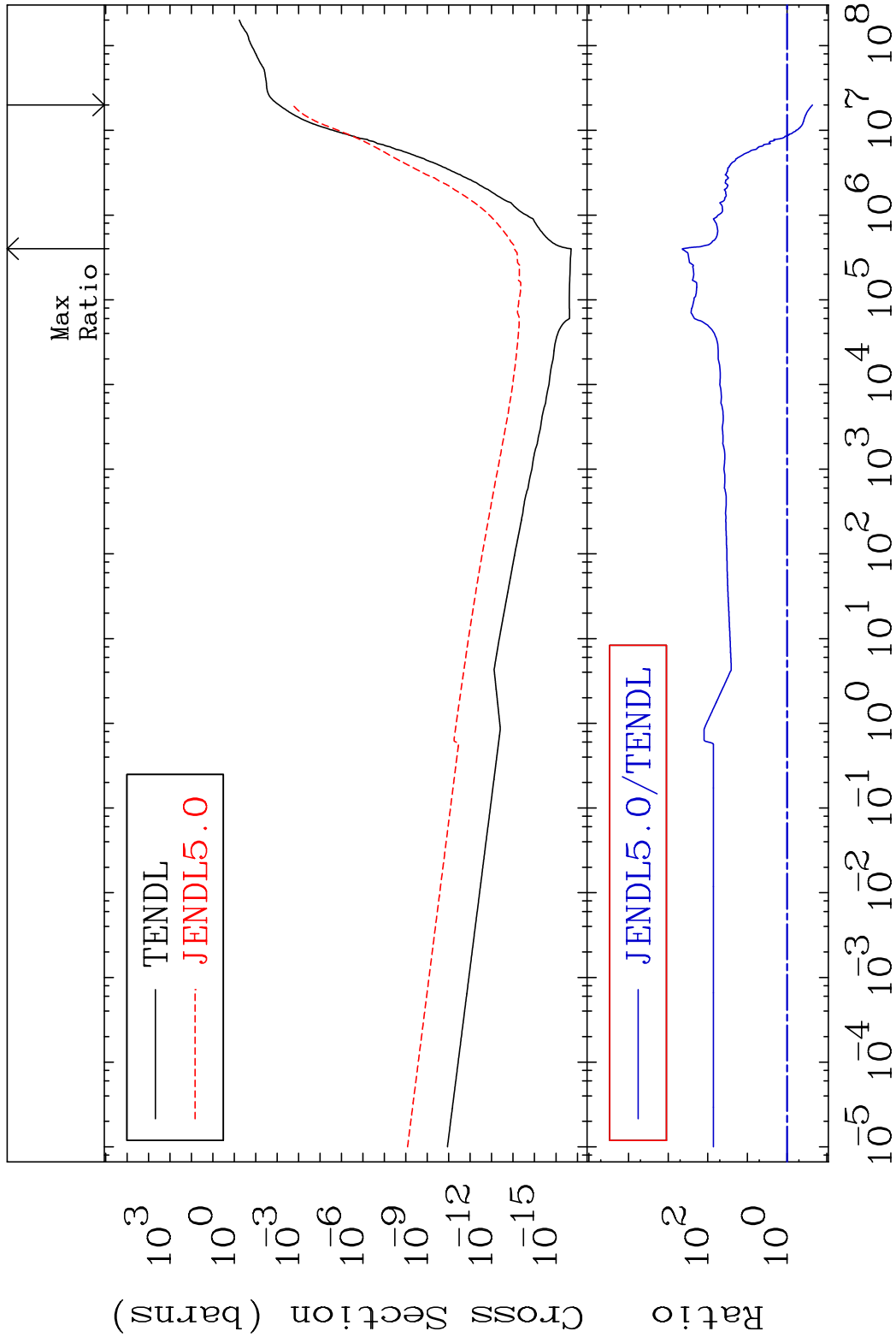
63-Eu-155

MAT 6337

He-4 Production

63-Eu-155

Cross Section -77.29 To 9999. %

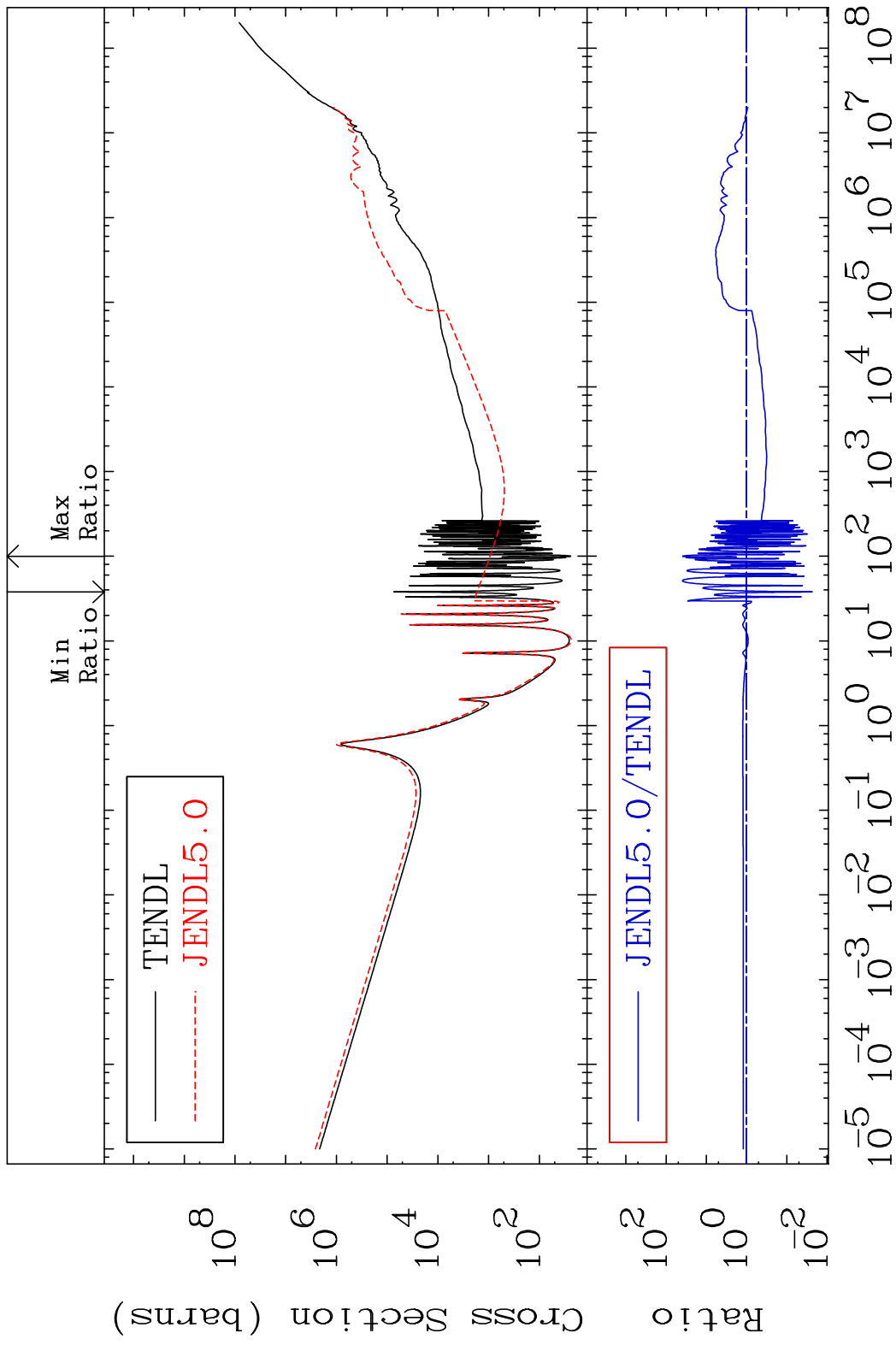


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Incident Energy (eV)

63-Eu-155

MAT 6337 Kerma total (eV-barns) 63-Eu-155  
 Cross Section -97.72 To 3847. %

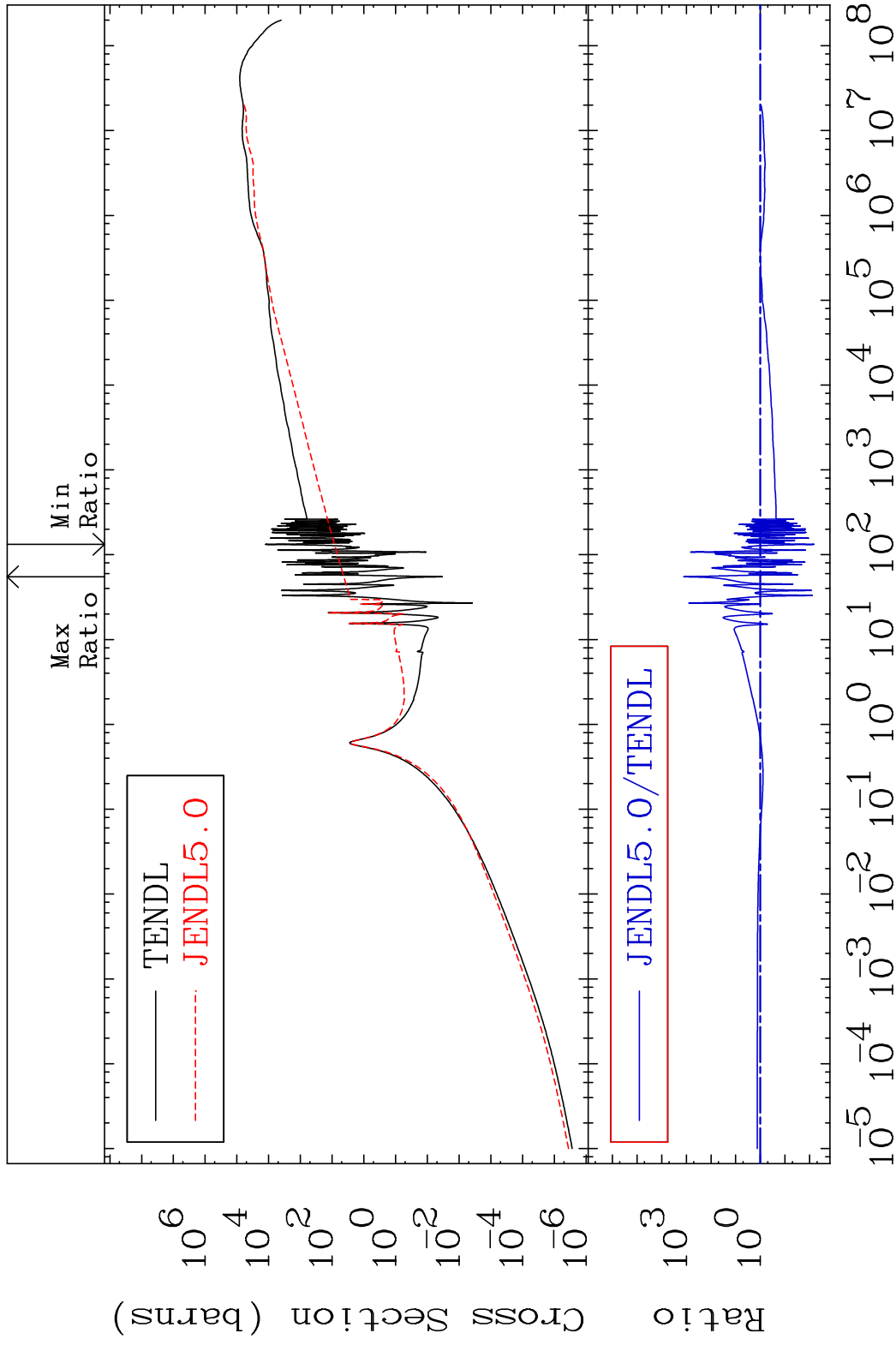


MAT 6337

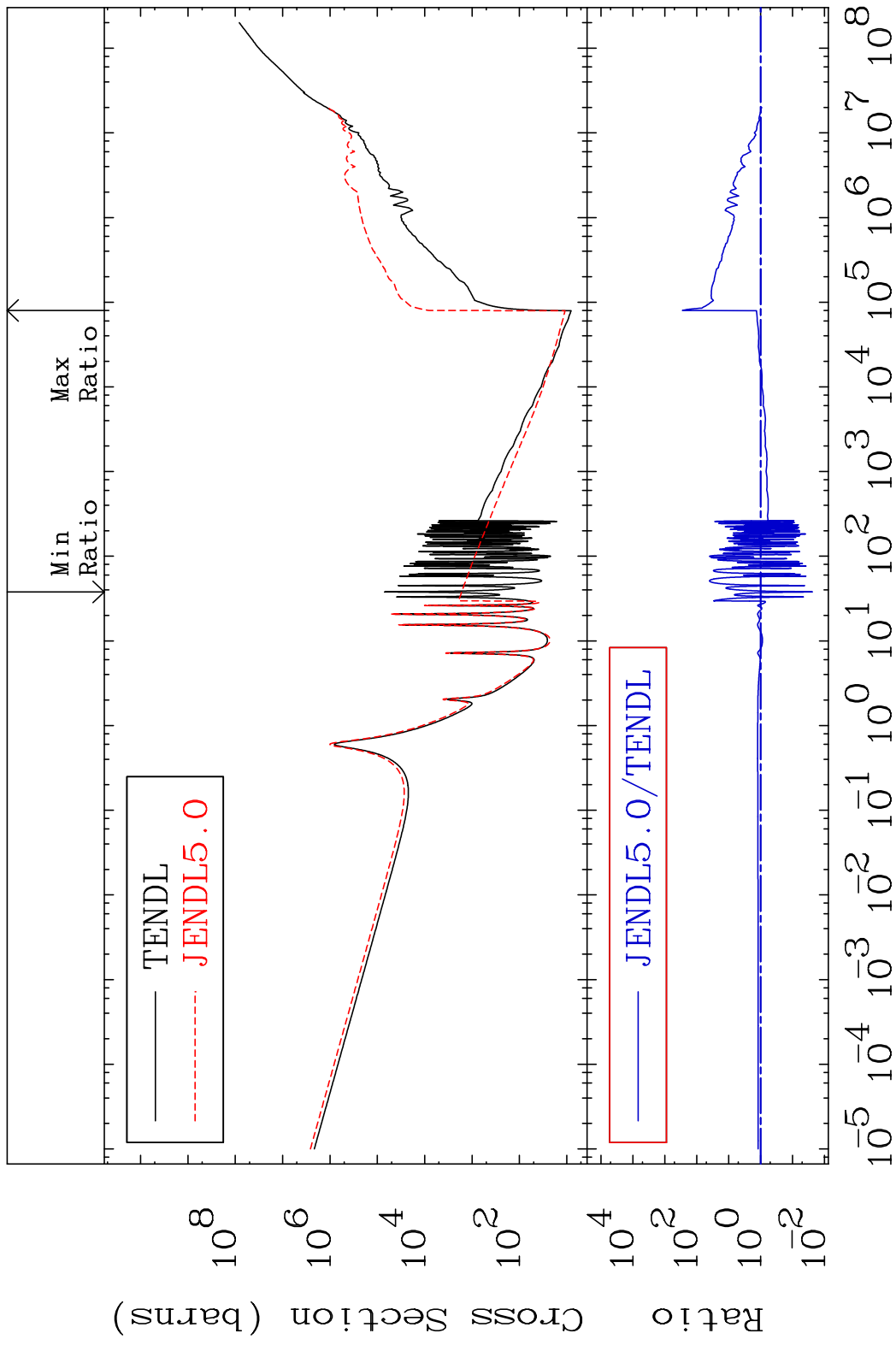
Kerma elastic

63-Eu-155

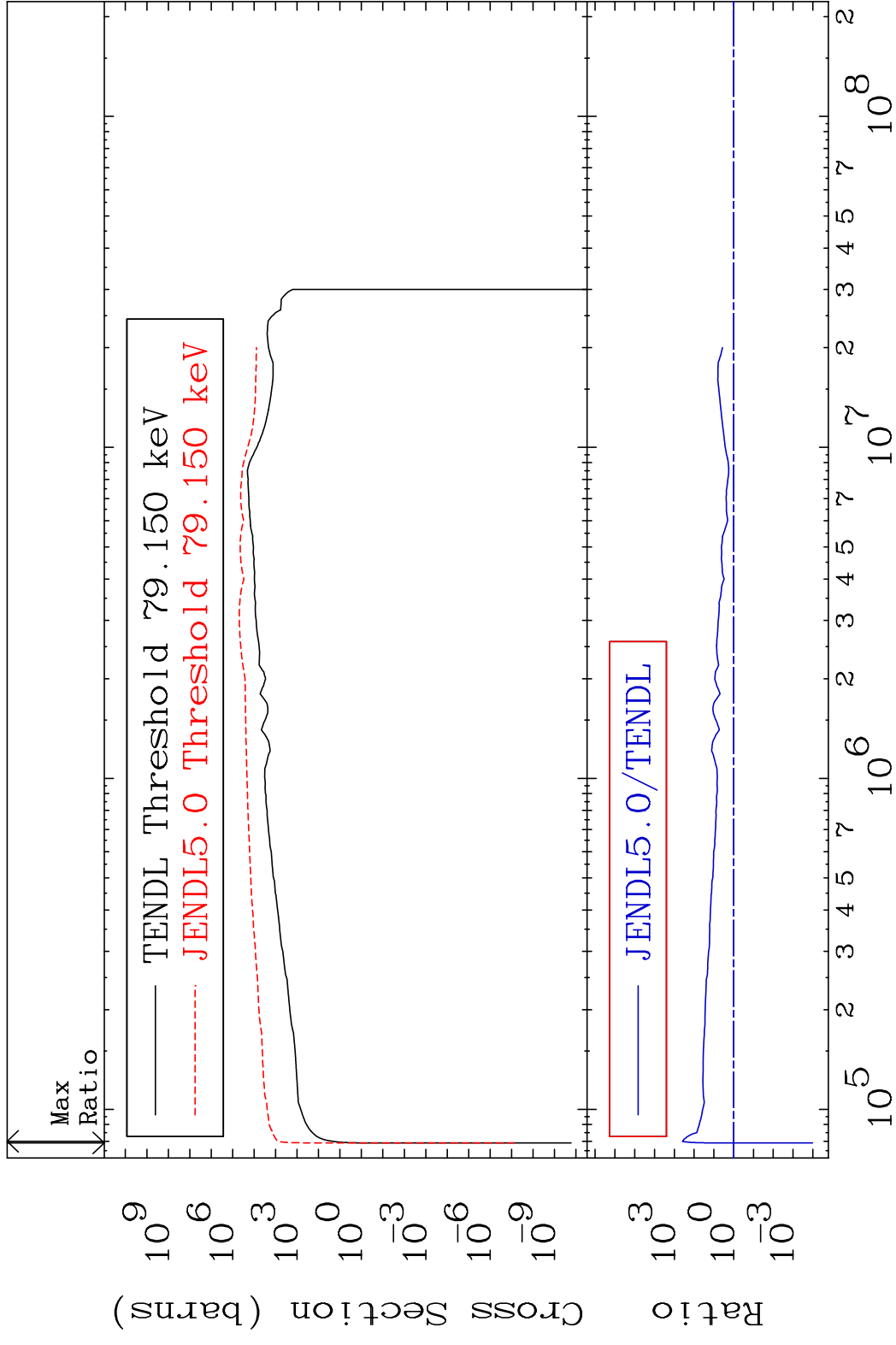
Cross Section -99.34 To 9999. %



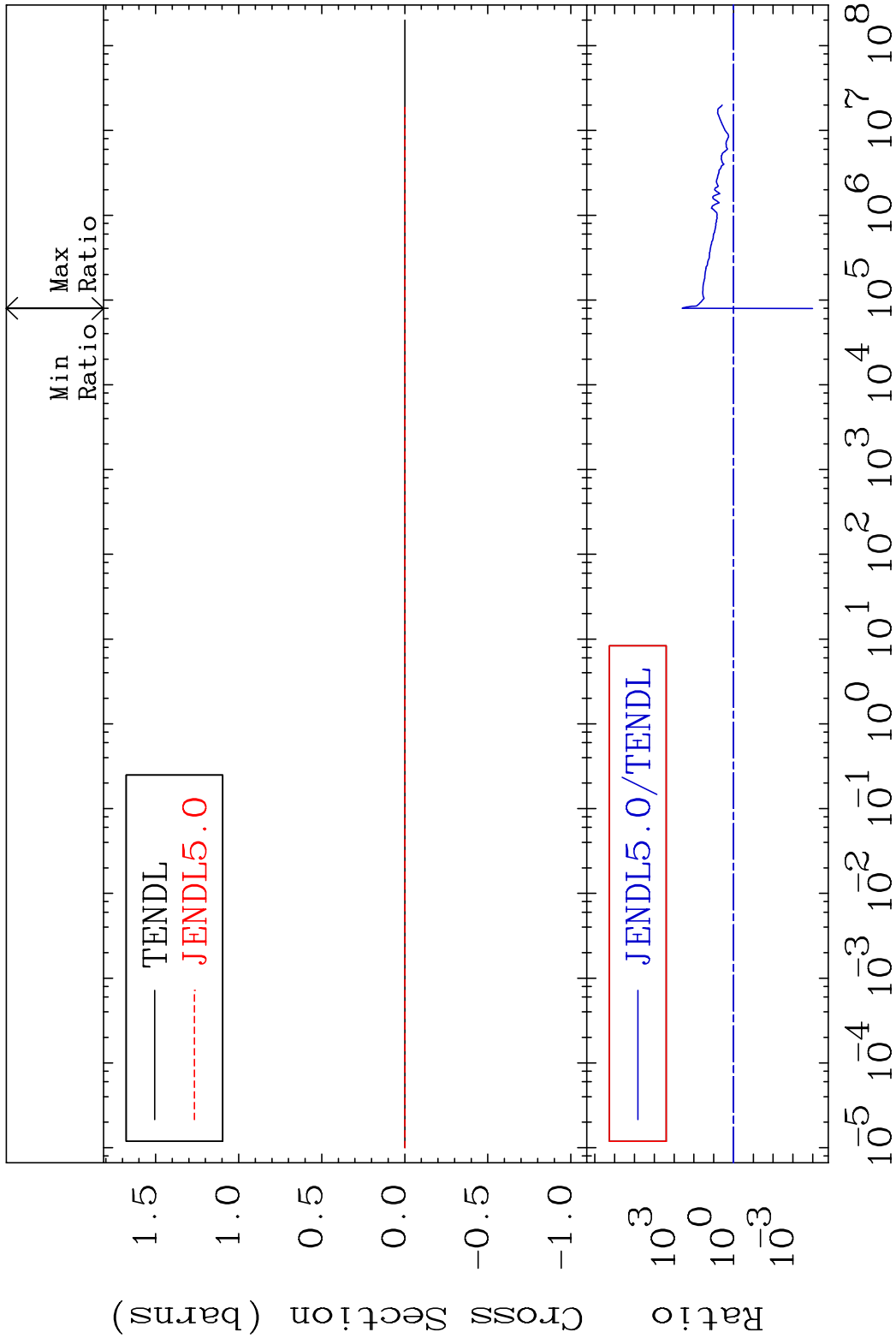
MAT 6337 Kerma non-elastic (all but mt2) 63-Eu-155  
 Cross Section -97.64 To 9999. %



MAT 6337 Kerma inelastic (mt51-91) 63-Eu-155  
 Cross Section -99.99 To 9999. %

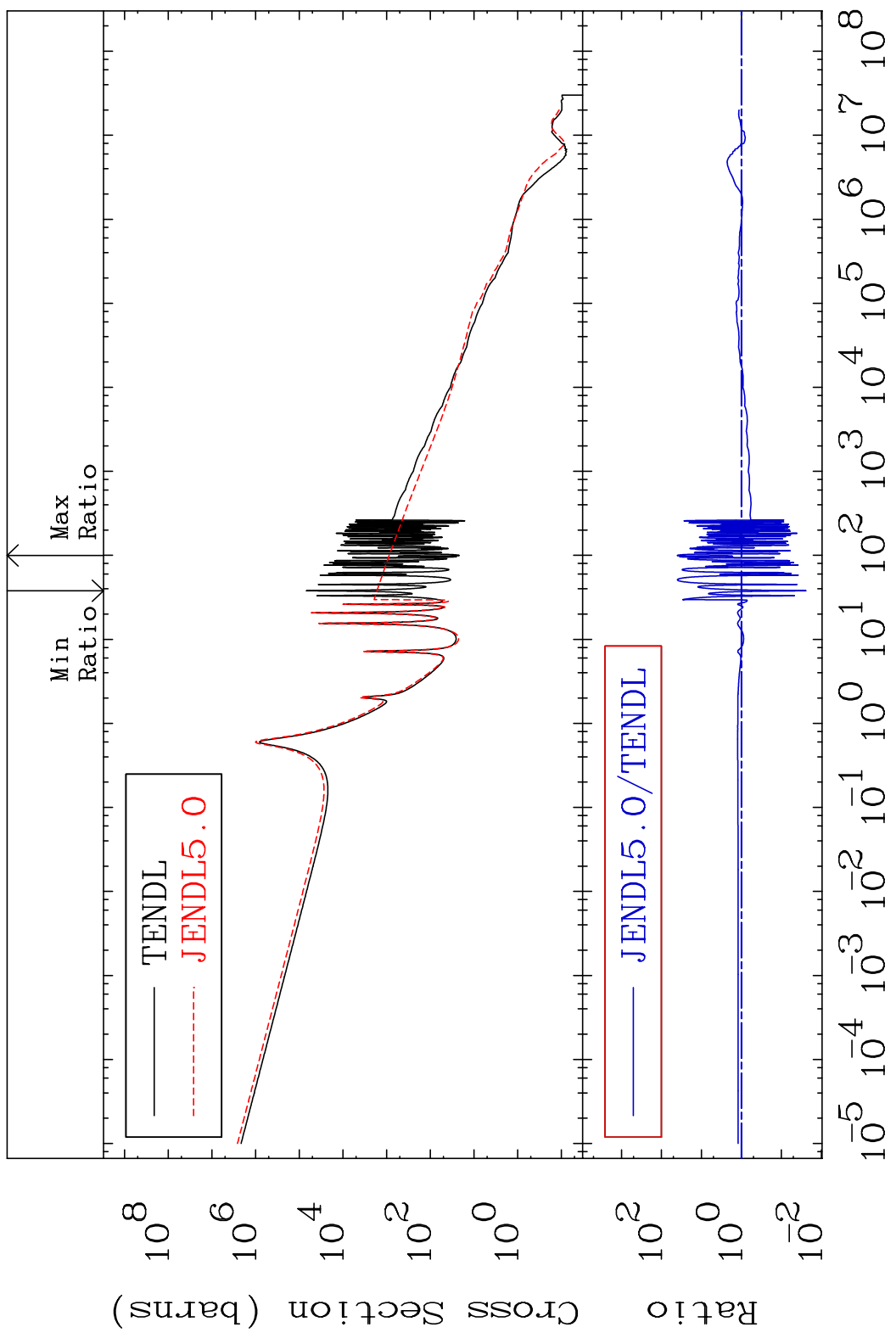


MAT 6337 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-155  
 Cross Section -99.99 To 9999. %

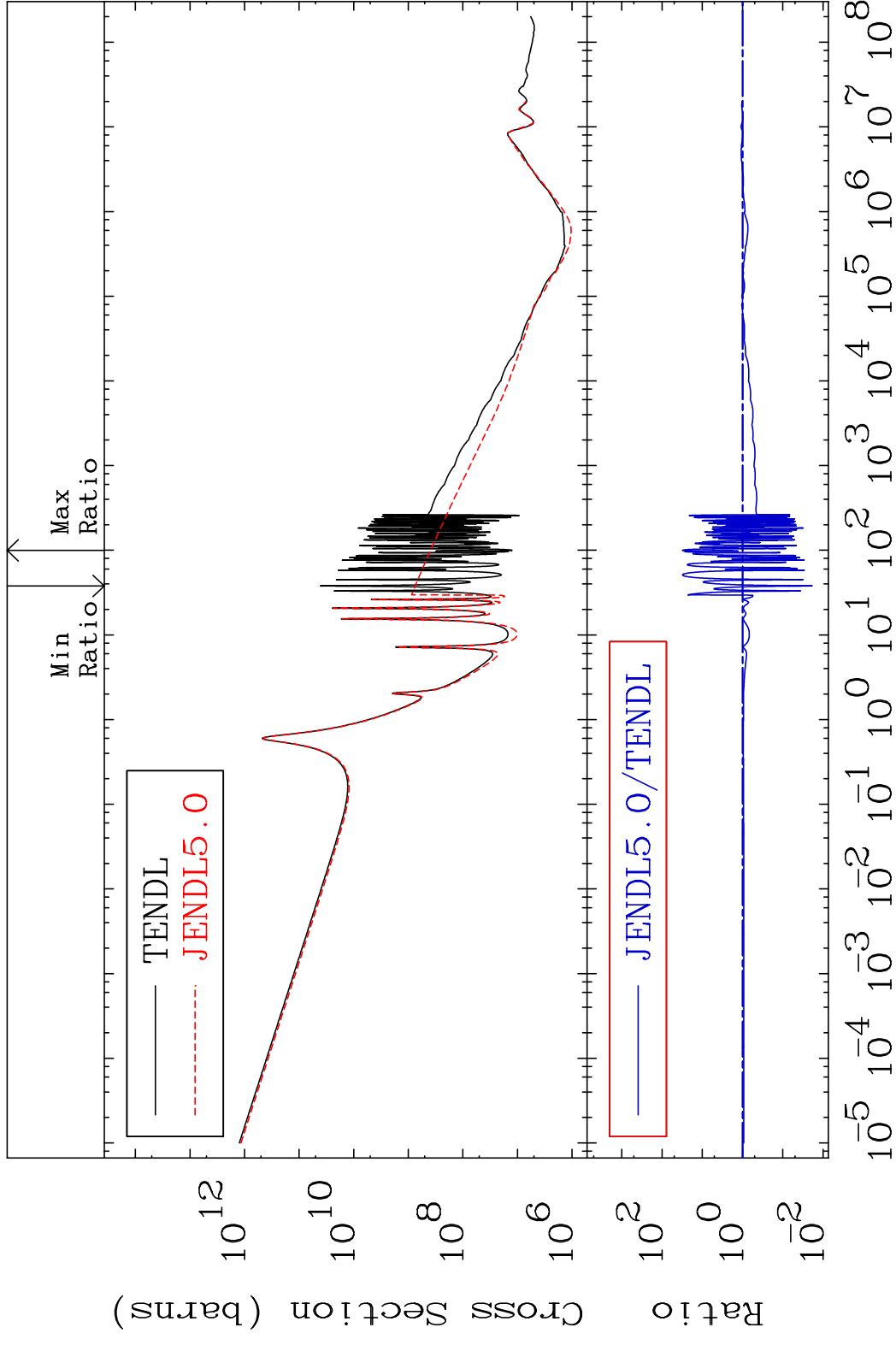


MAT 6337

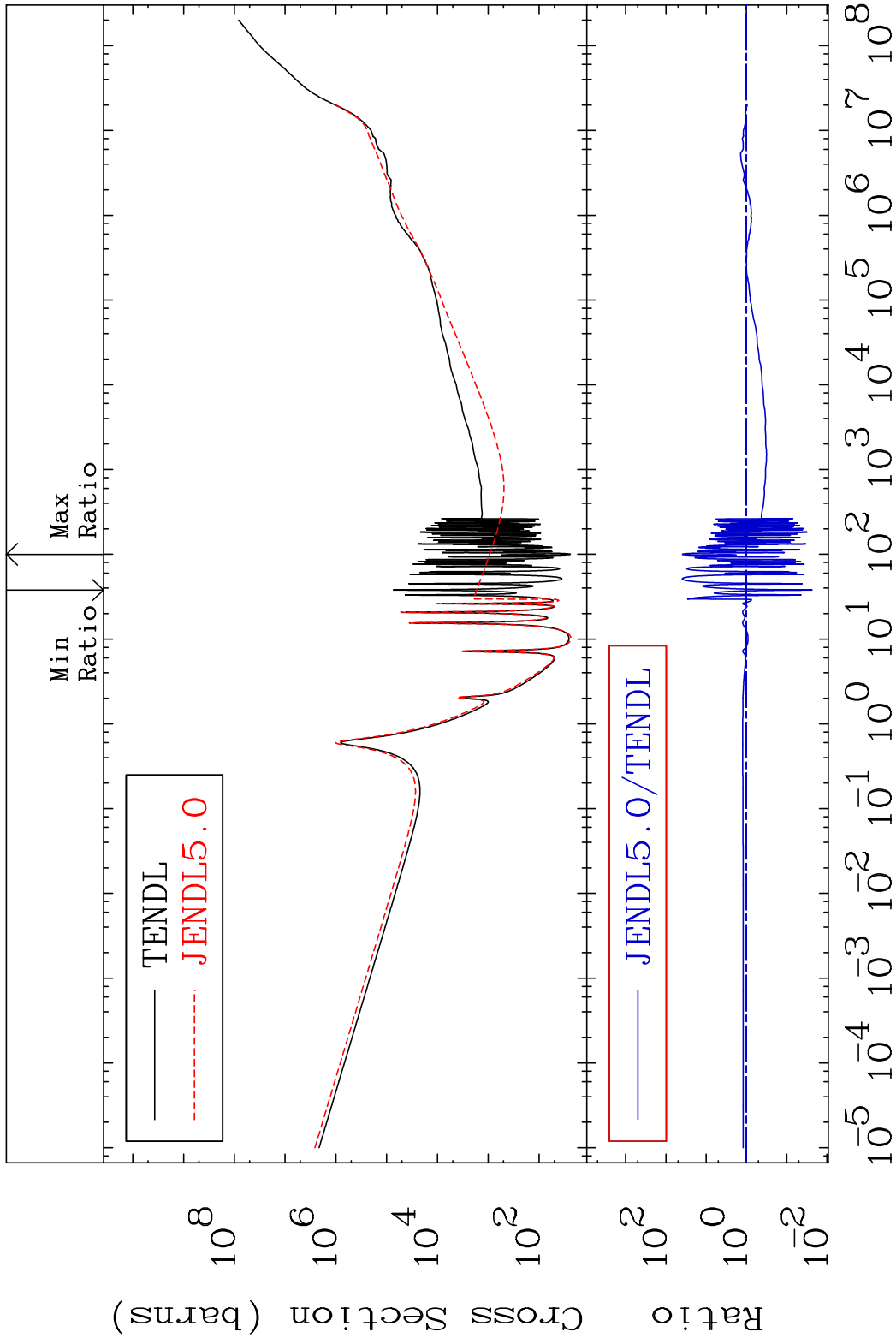
Kerma capture (mt102) 63-Eu-155  
Cross Section -97.64 To 3938. %



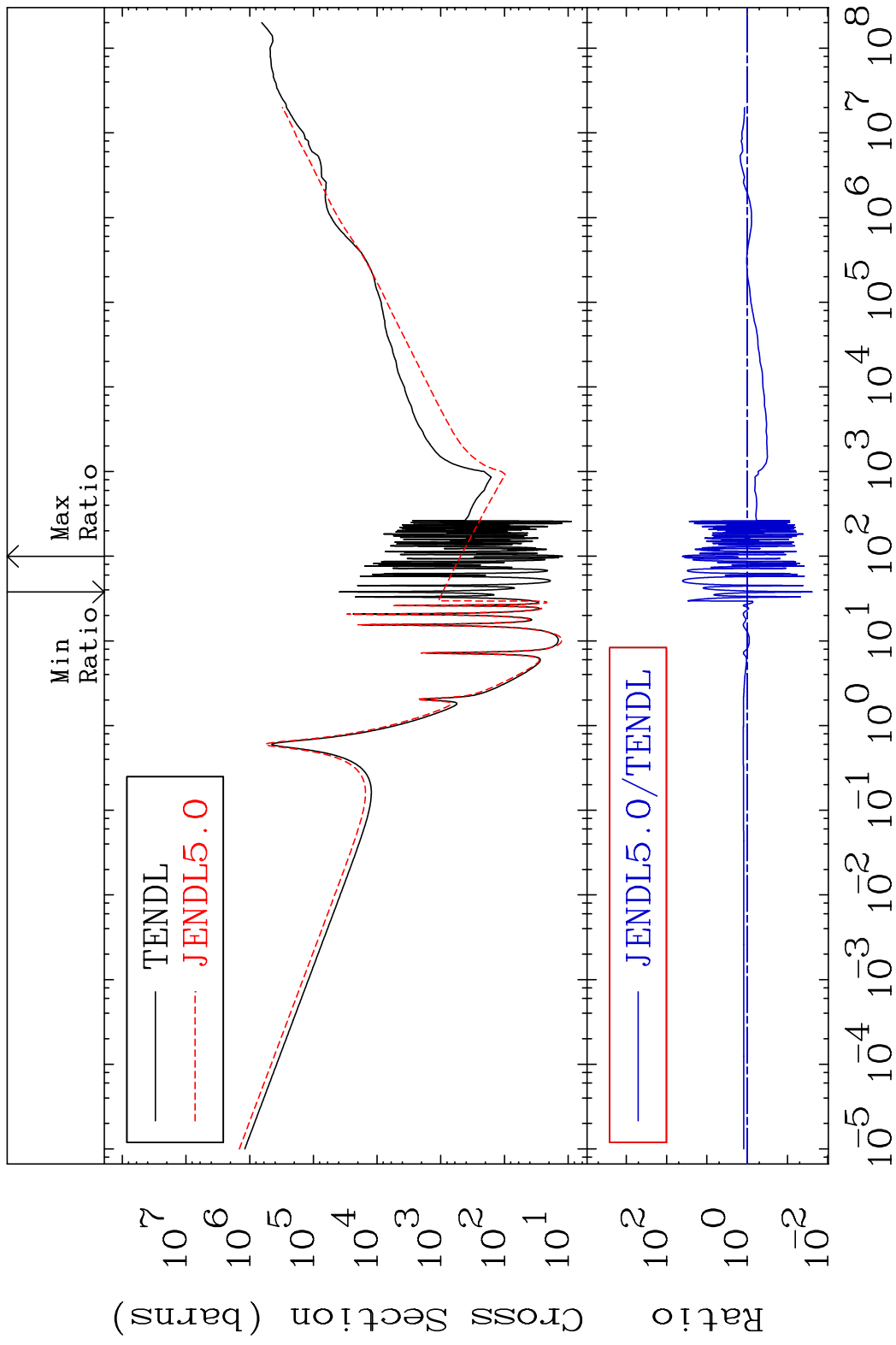
MAT 6337 Total photon (eV-barns) 63-Eu-155  
Cross Section -98.17 To 3023. %



MAT 6337 Total kinematic kerma (high limit) 63-Eu-155  
Cross Section -97.72 To 3847. %



MAT 6337 Dpa total (eV-barns) 63-Eu-155  
 Cross Section -97.62 To 3968. %



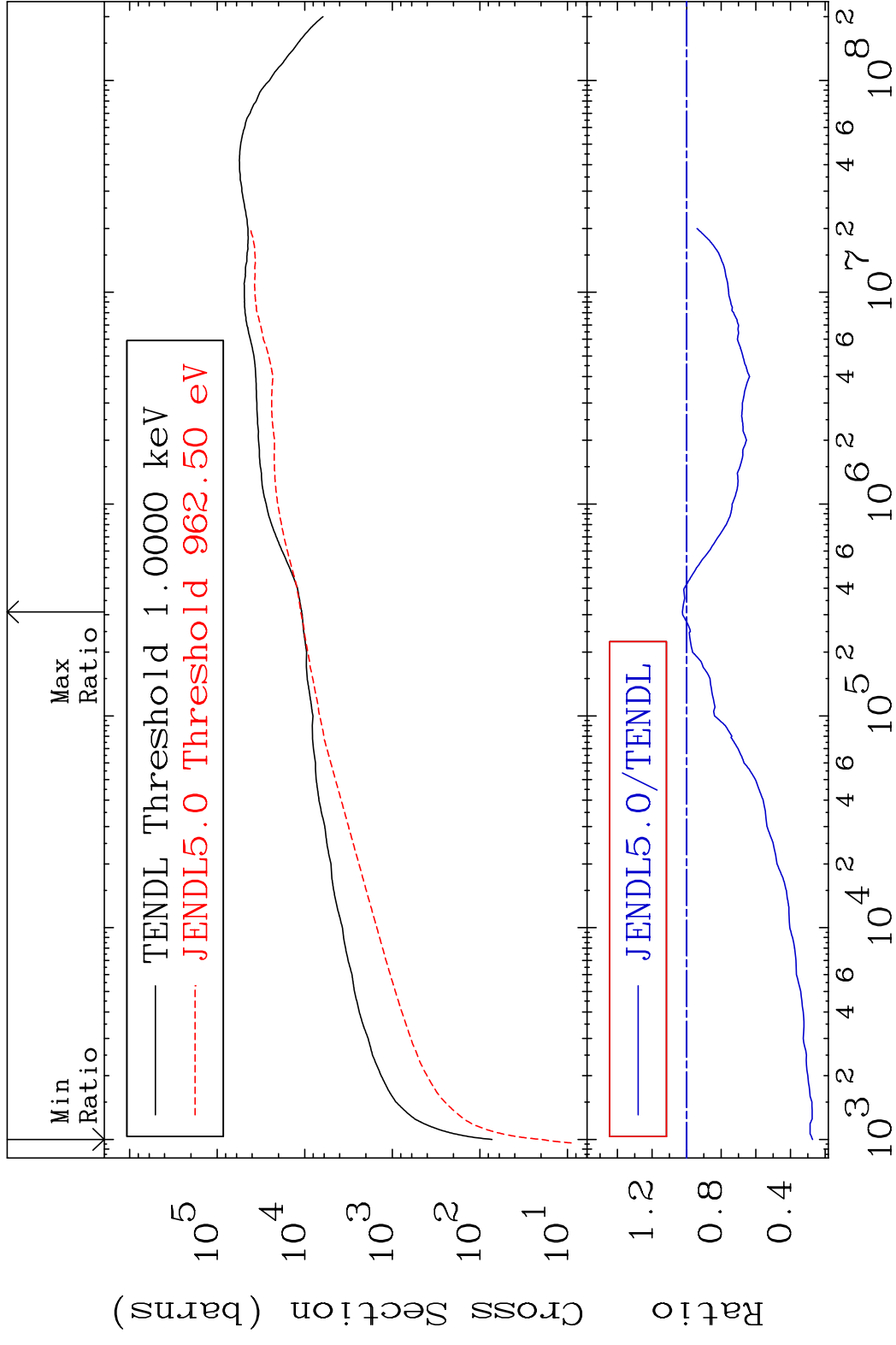
44 Incident Energy (eV) 63-Eu-155

MAT 6337

Dpa elastic (mt2)

63-Eu-155

Cross Section -72.76 To 2.463 %

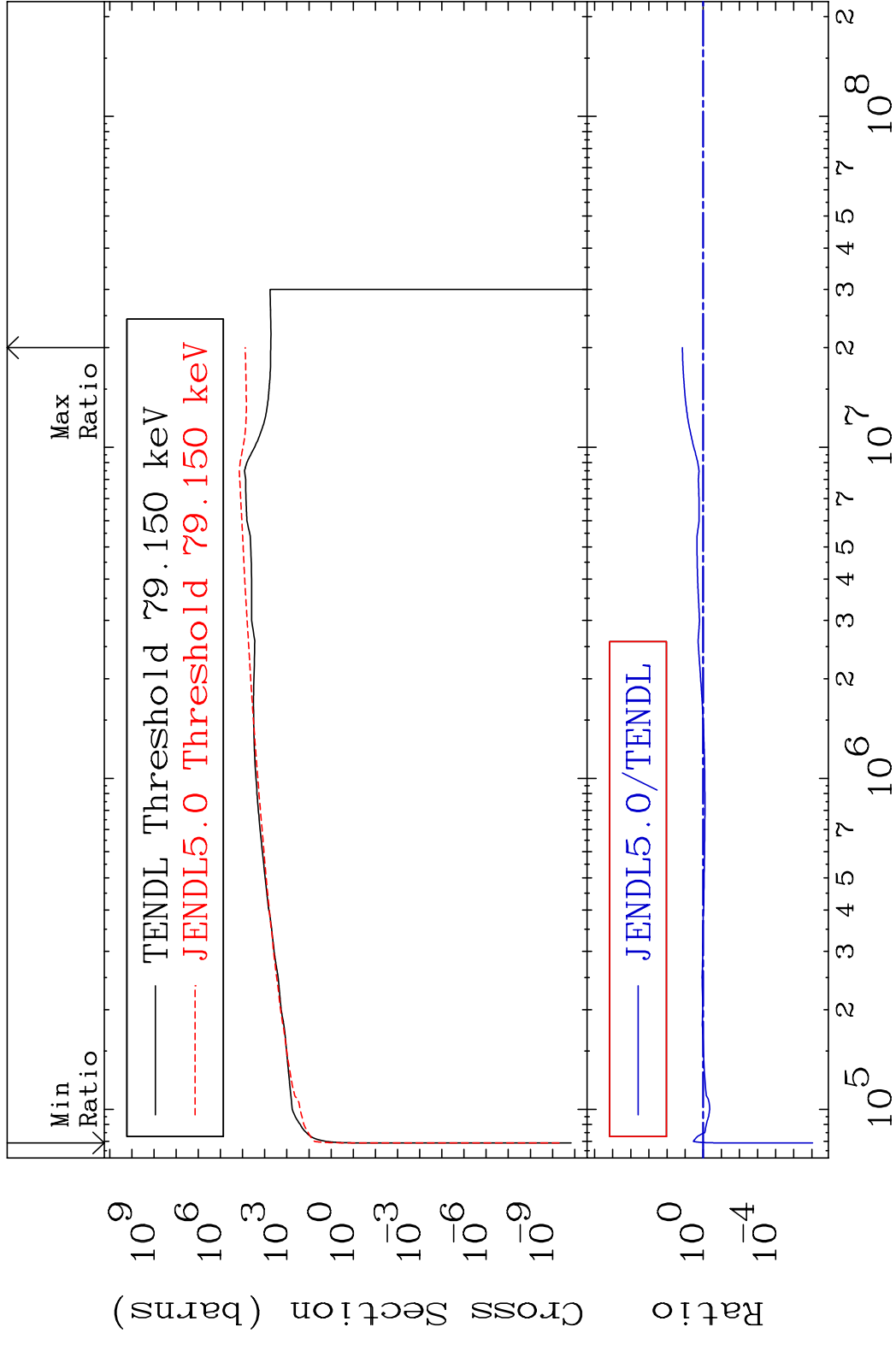


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Incident Energy (eV)

63-Eu-155

MAT 6337 Dpa inelastic (mt51-91) 63-Eu-155  
 Cross Section -100.0 To 1323. %



MAT 6337 Dpa disappearance (mt102 -120) 63-Eu-155  
 Cross Section -97.62 To 3968. %

