

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

MAT 6337

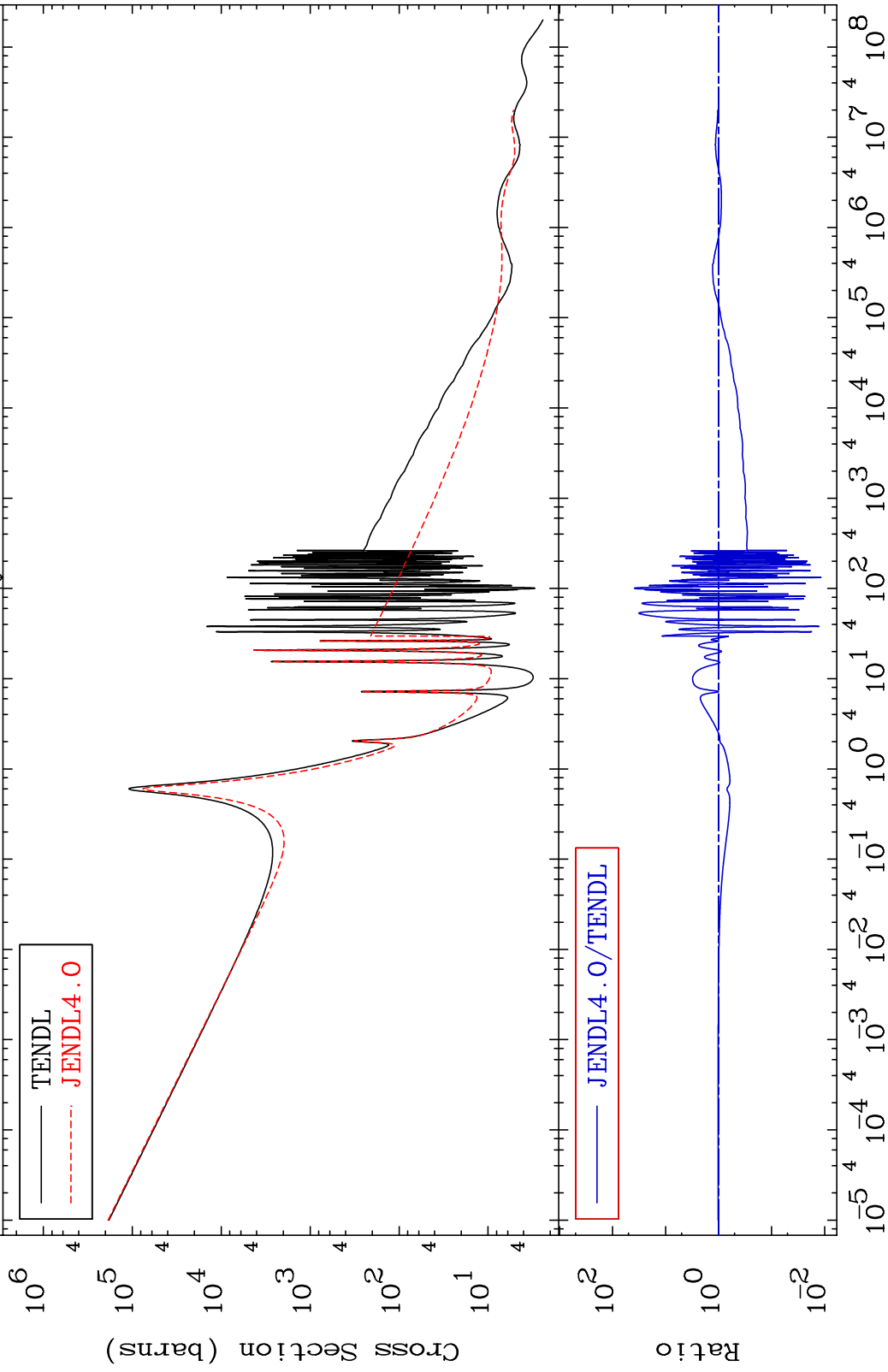
63-Eu-155

-98.82 To 3802. %

Total
Cross Section

Max
Ratio

Min
Ratio



63-Eu-155

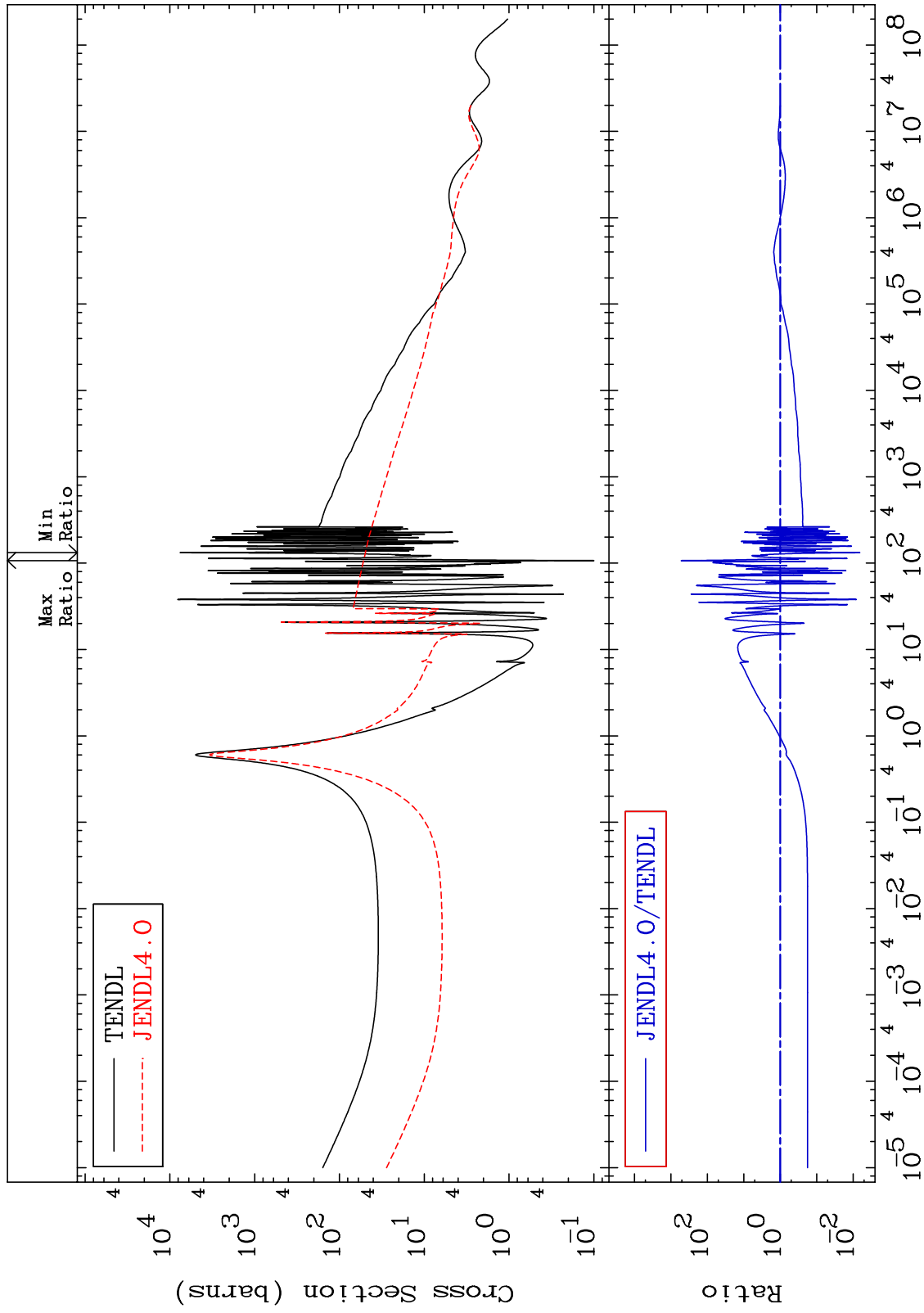
Incident Energy (eV)

1

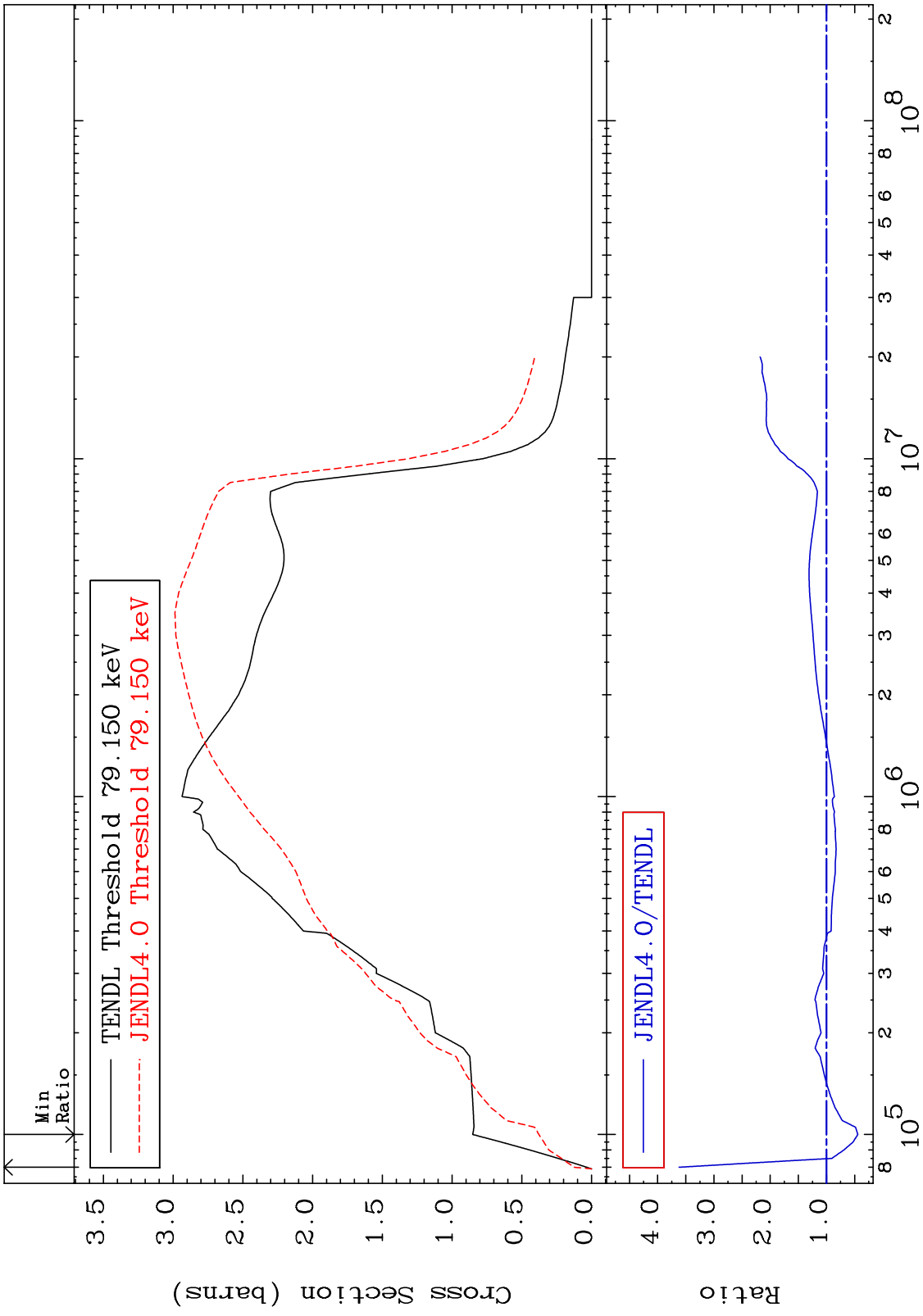
MAT 6337

Elastic
Cross Section

63-Eu-155
-99.34 To 9999. %

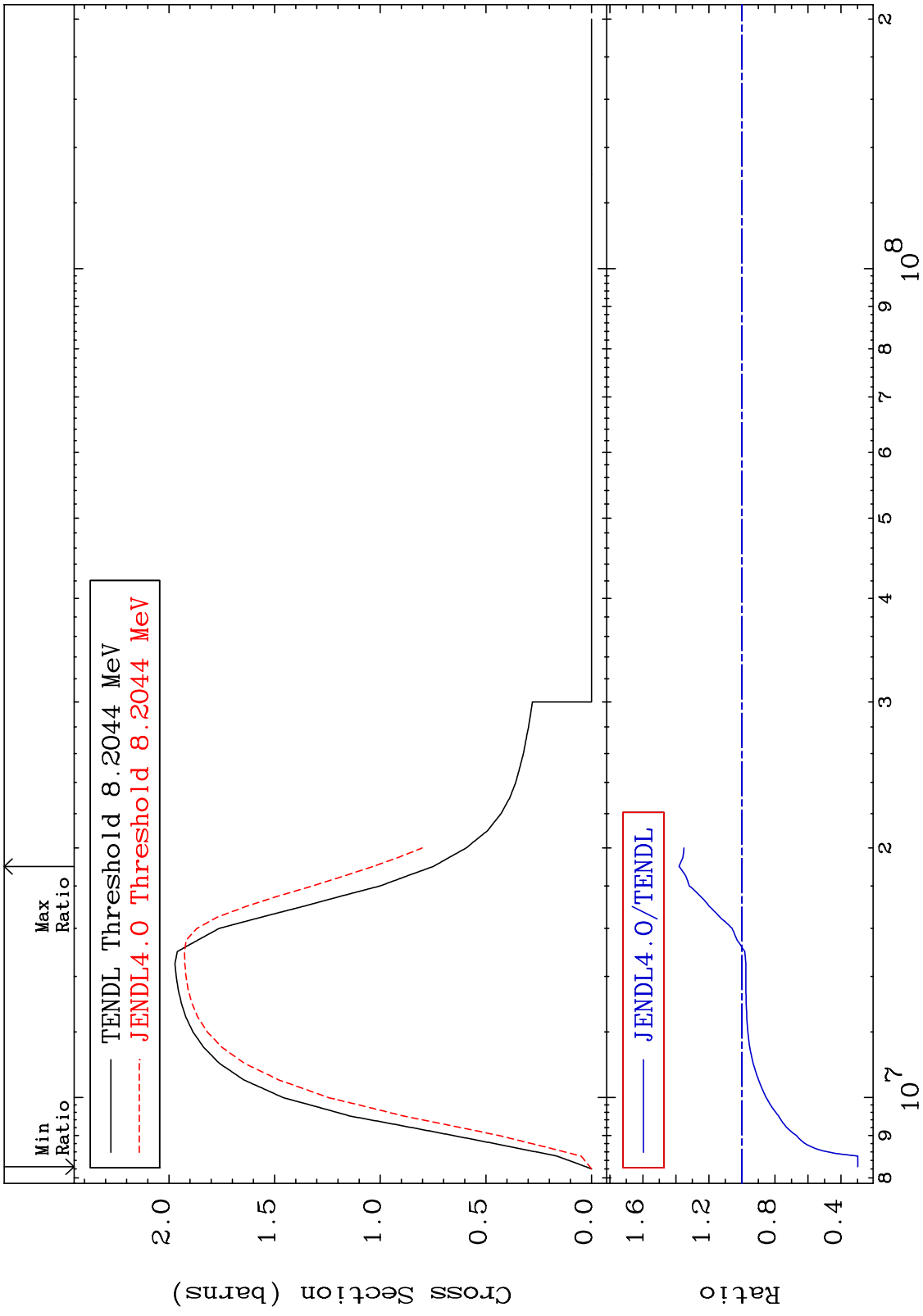


MAT 6337 Inelastic Cross Section 63-Eu-155 -55.63 To 262.0 %



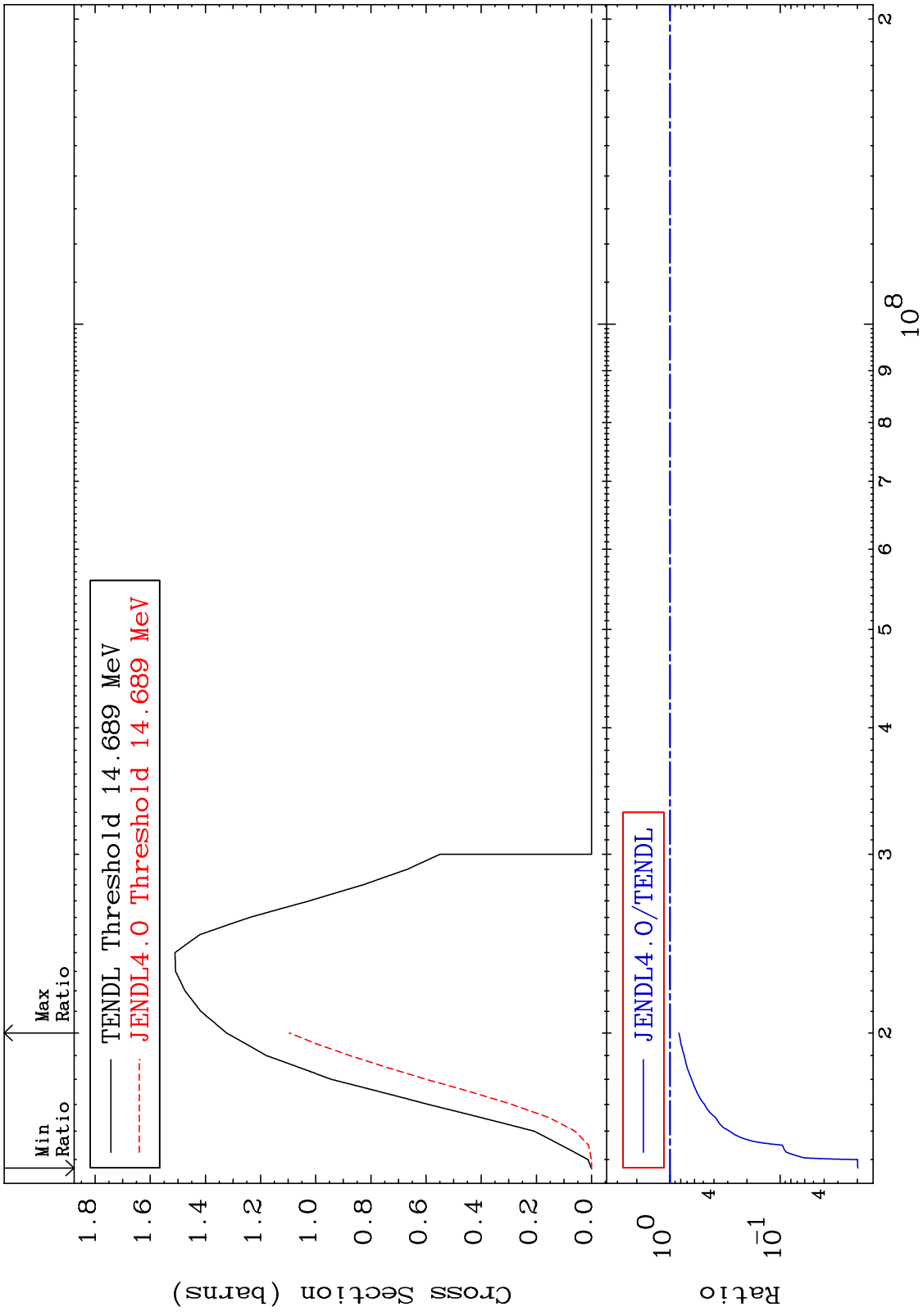
3 Incident Energy (eV) 63-Eu-155

MAT 6337 (n,2n) Cross Section 63-Eu-155 -70.20 To 38.08 %

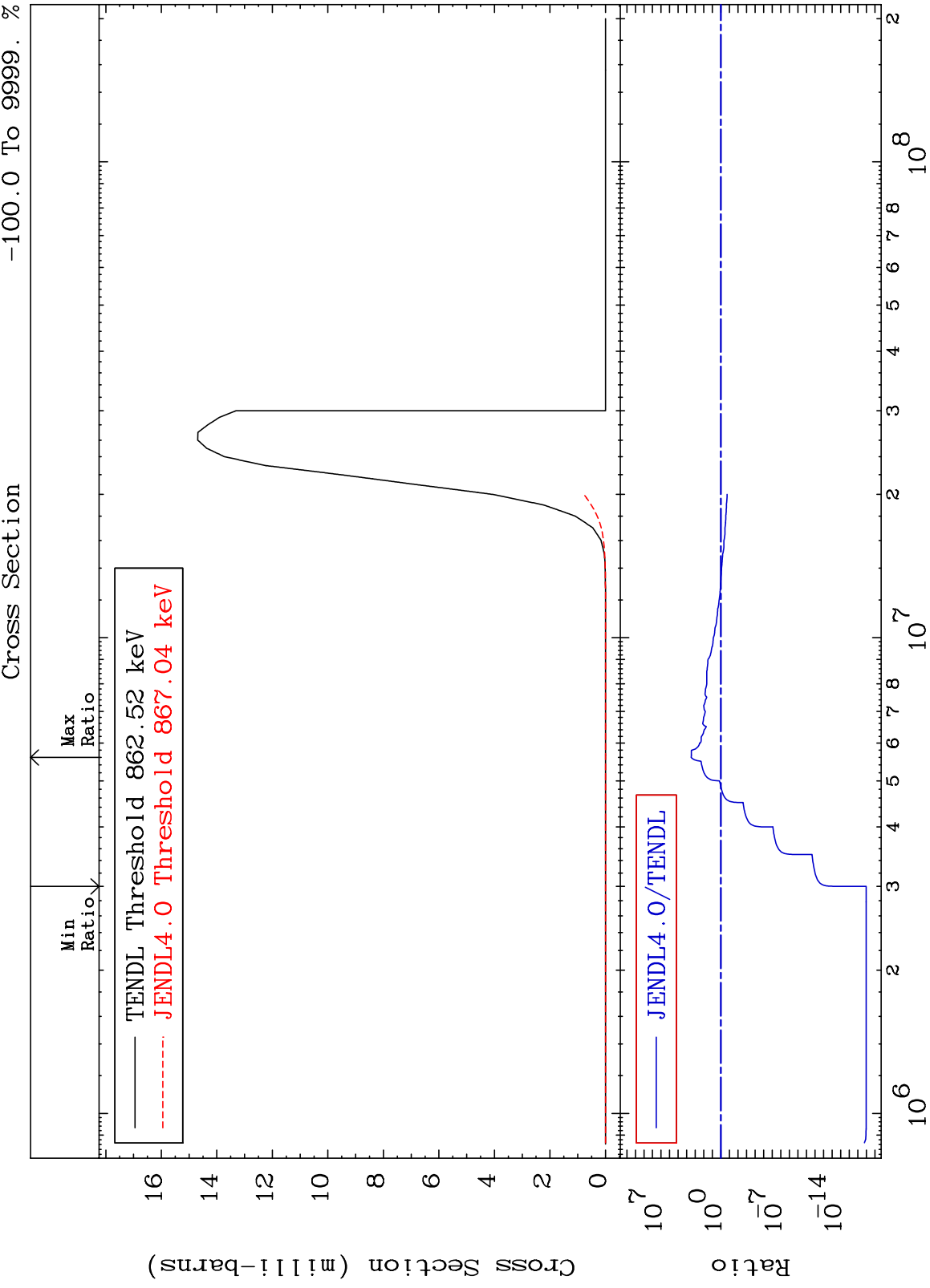


4 63-Eu-155

MAT 6337 (n,3n) Cross Section 63-Eu-155 -98.02 To -17.21%

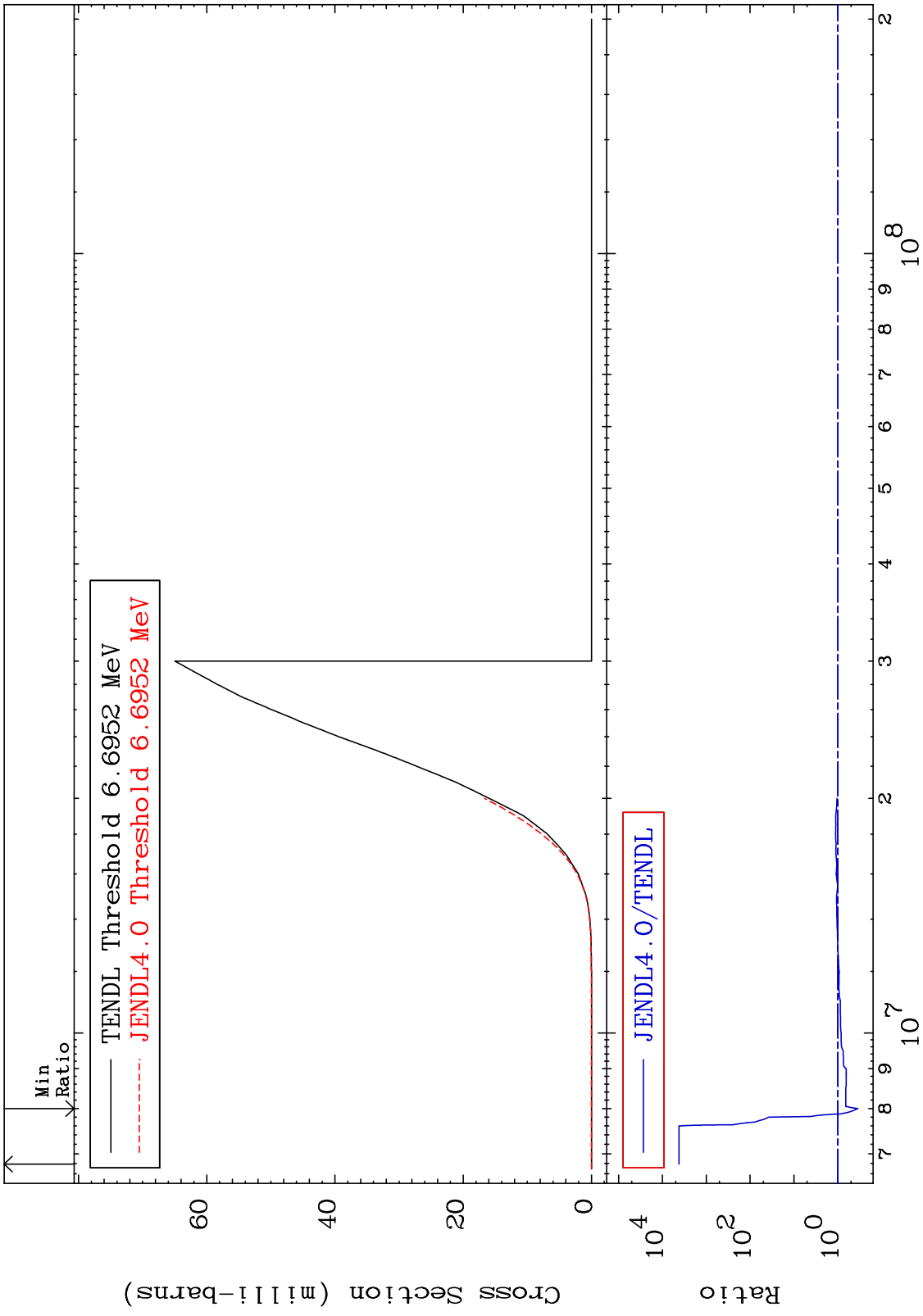


MAT 6337 $(n, n') \alpha$ 63-Eu-155 -100.0 To 9999. %

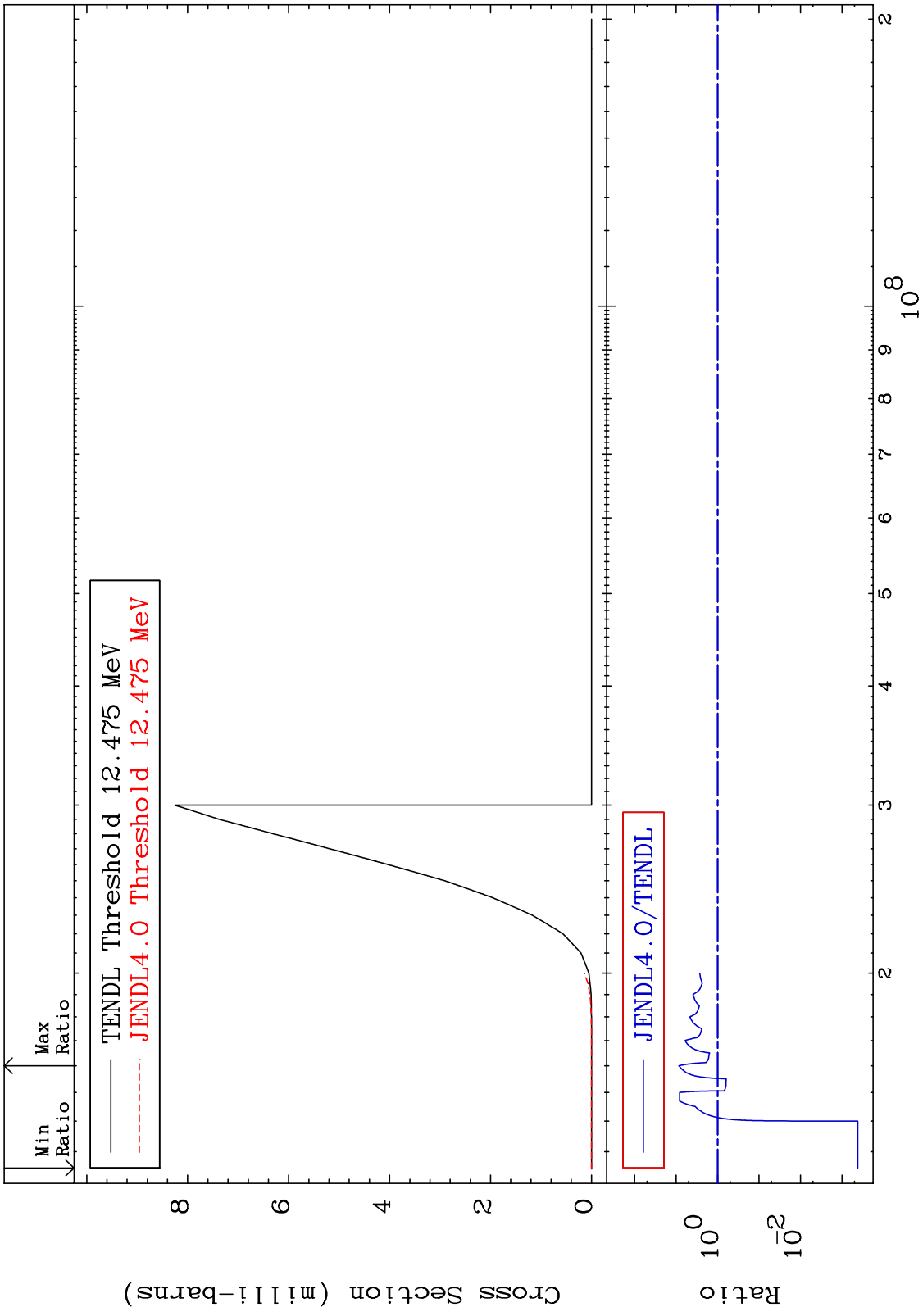


63-Eu-155

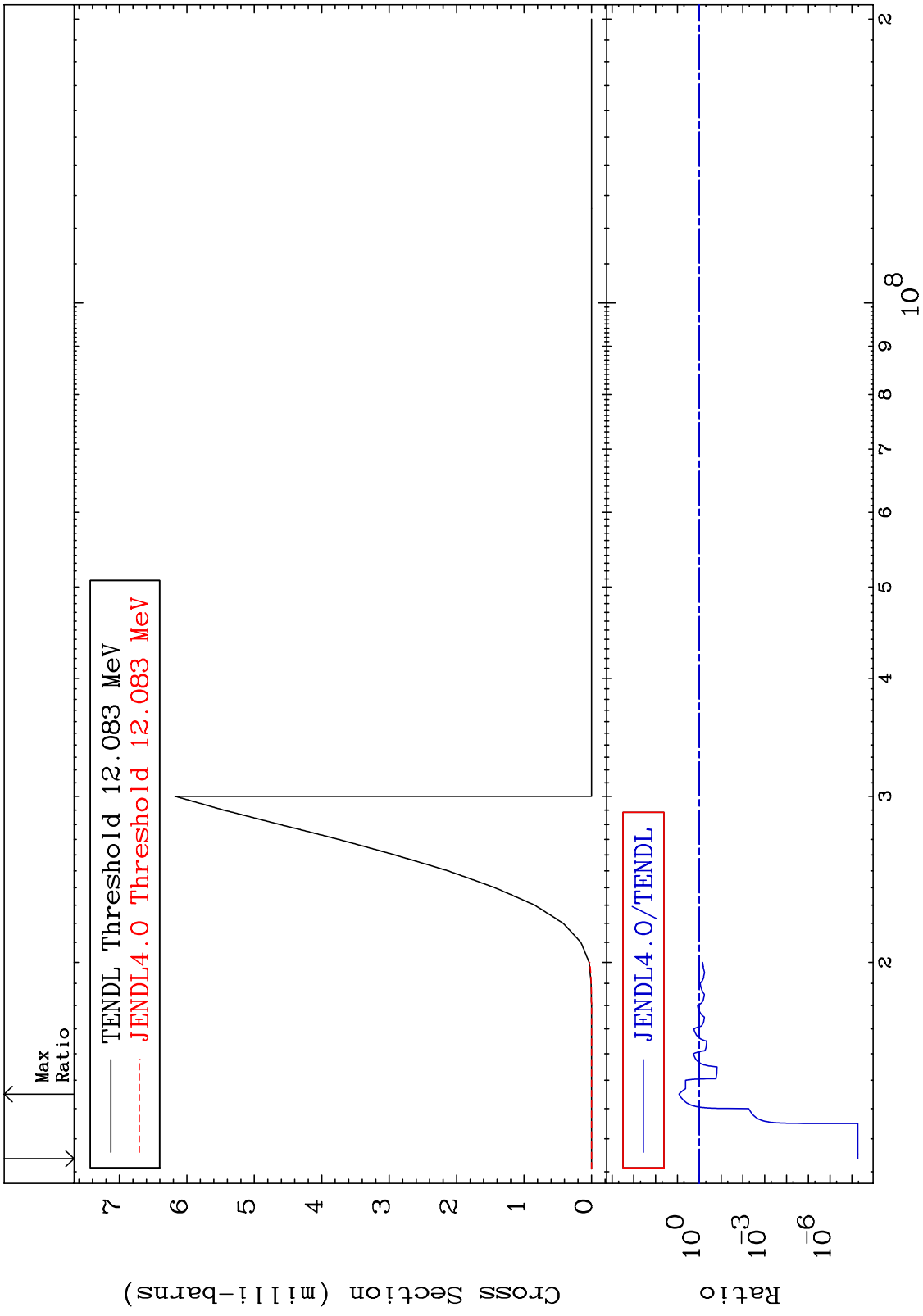
MAT 6337 (n,n') p 63-Eu-155
Cross Section -65.07 To 9999. %



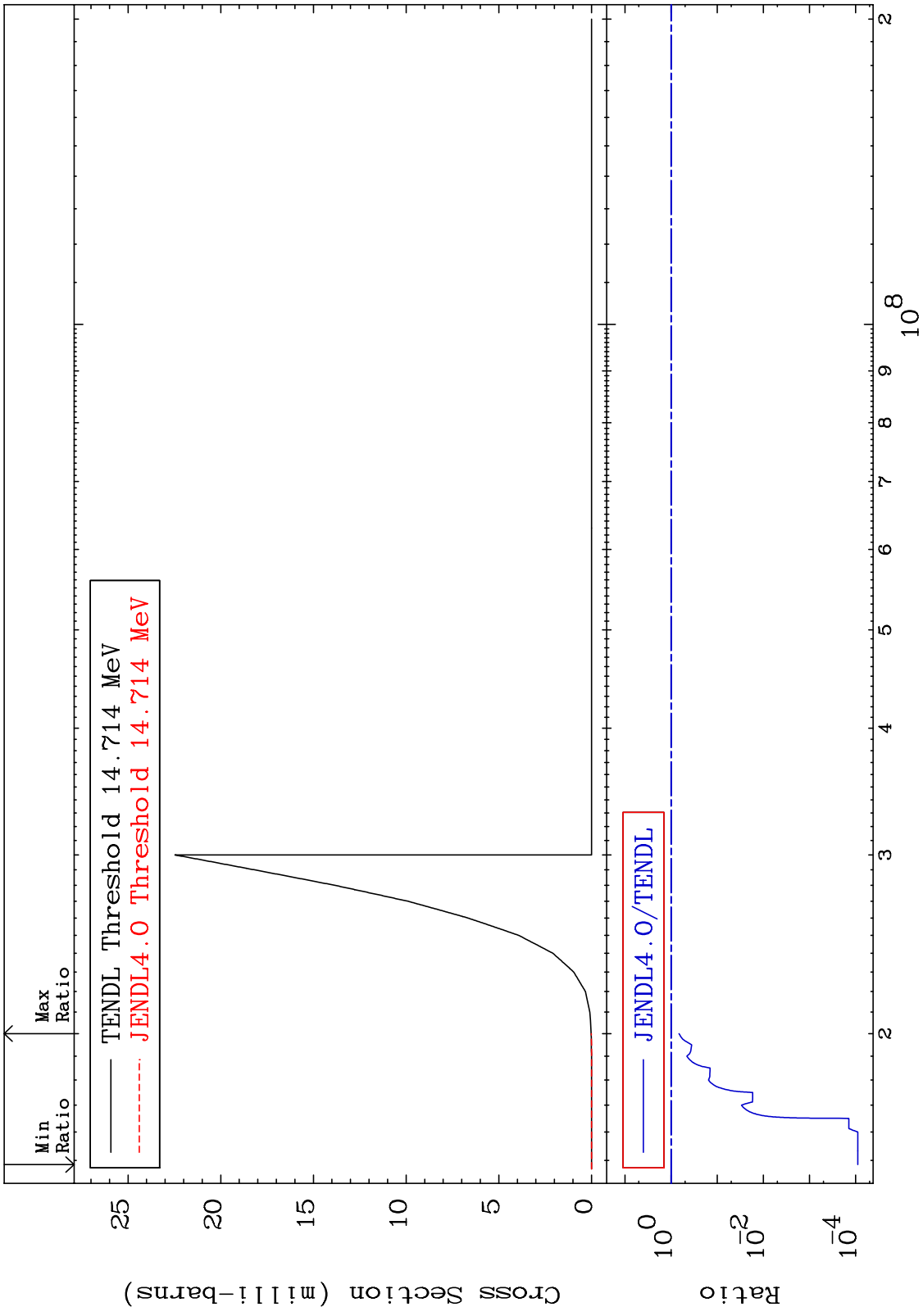
7 63-Eu-155 Incident Energy (eV)



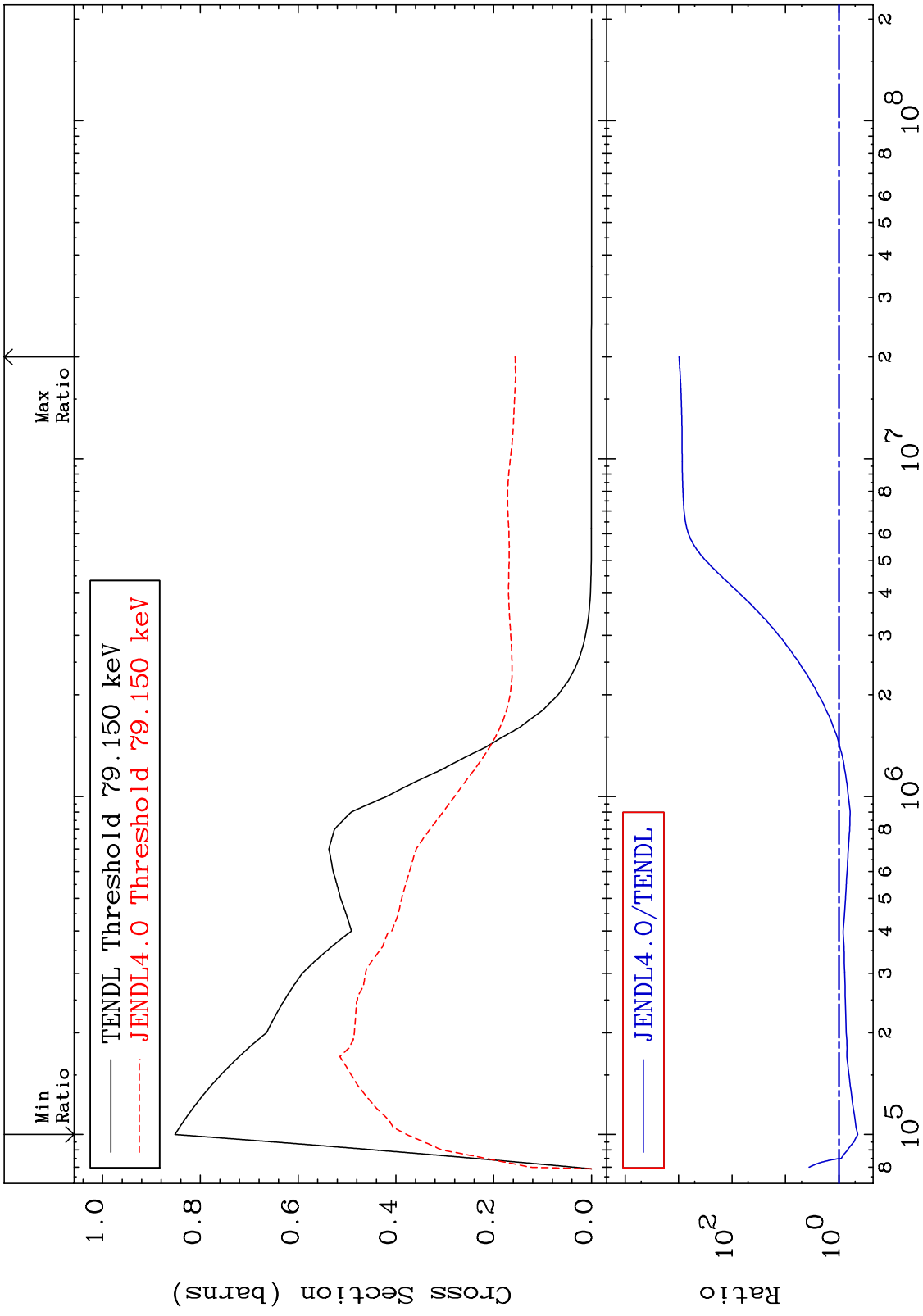
MAT 6337 (n,n') t 63-Eu-155
 Cross Section -100.0 To 745.4 %



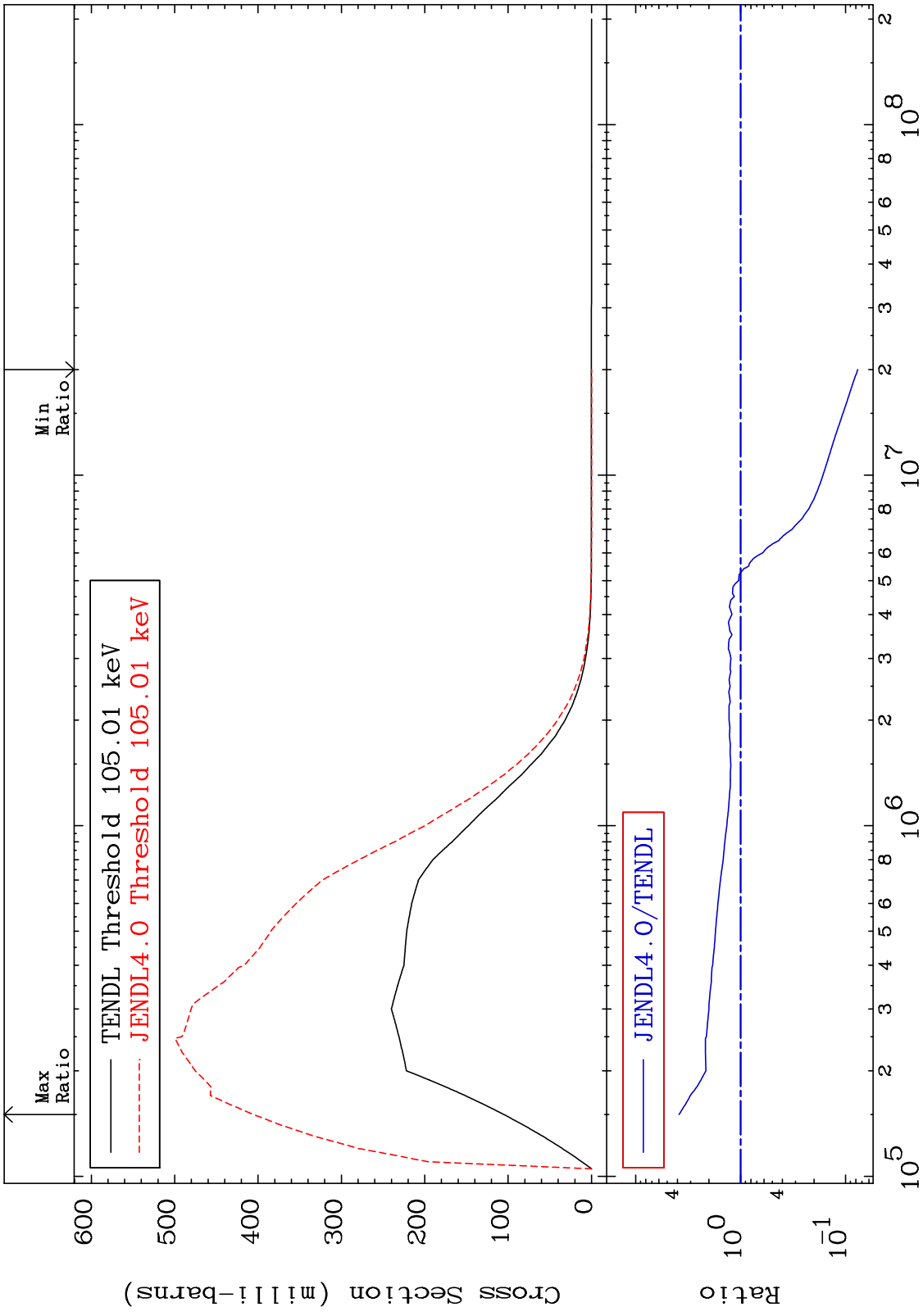
MAT 6337 (n,2n) p 63-Eu-155
 Cross Section -99.99 To -32.70%



MAT 6337 MT= 51 (n,n') Level Cross Section 63-Eu-155
 -55.63 To 9999. %

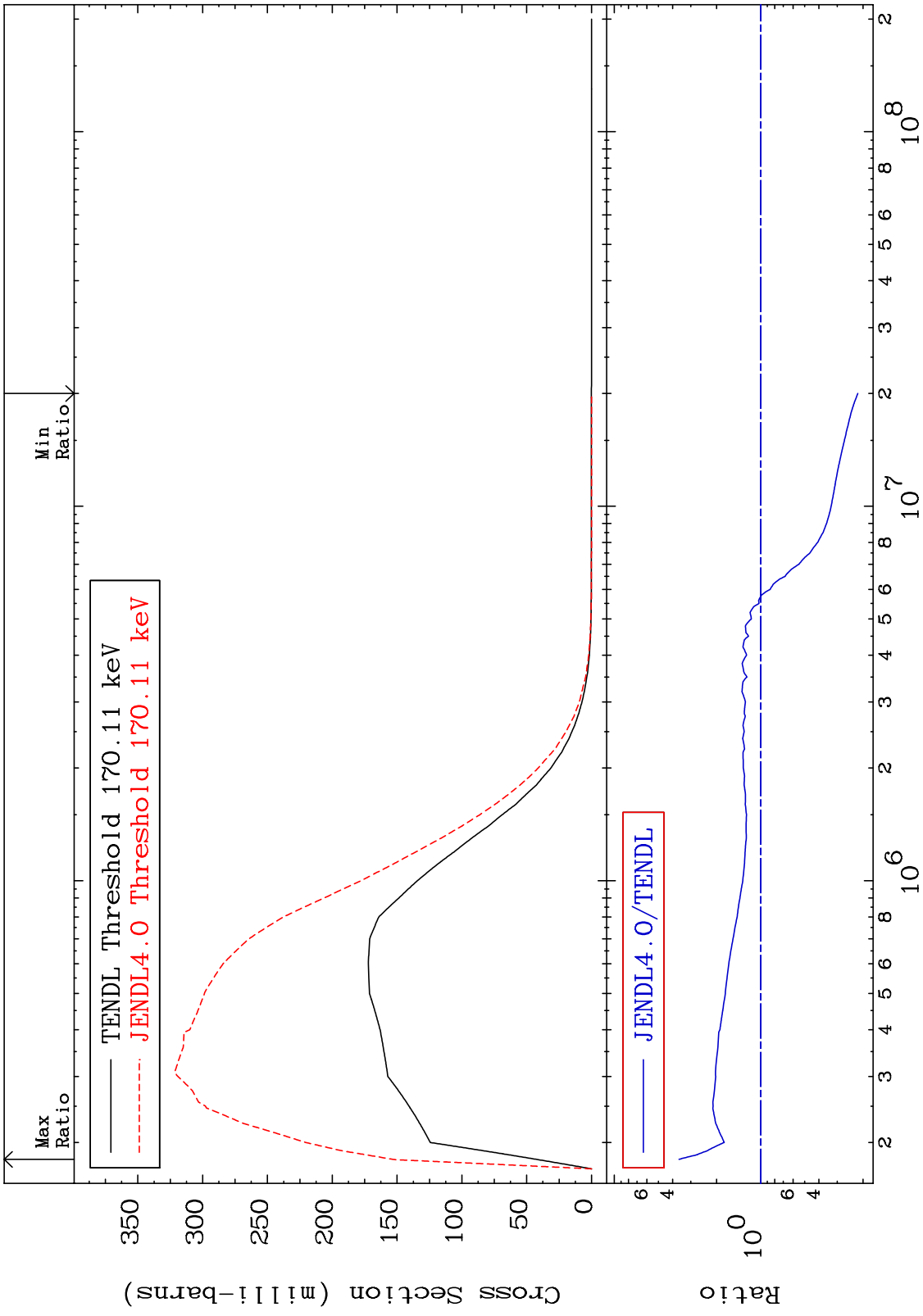


MAT 6337 MT= 52 (n,n') Level Cross Section 63-Eu-155 -92.35 To 285.8 %

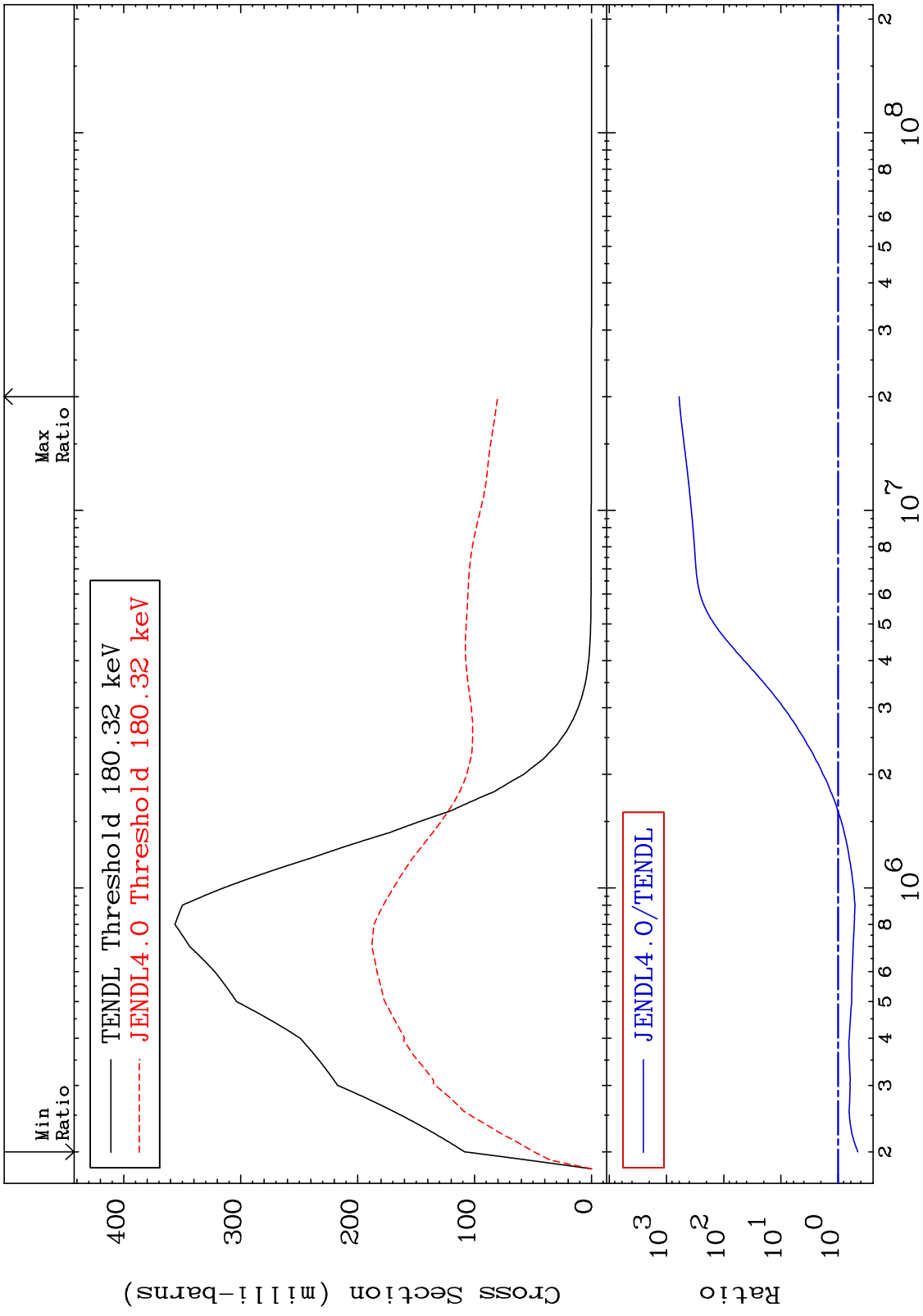


12 Incident Energy (eV) 63-Eu-155

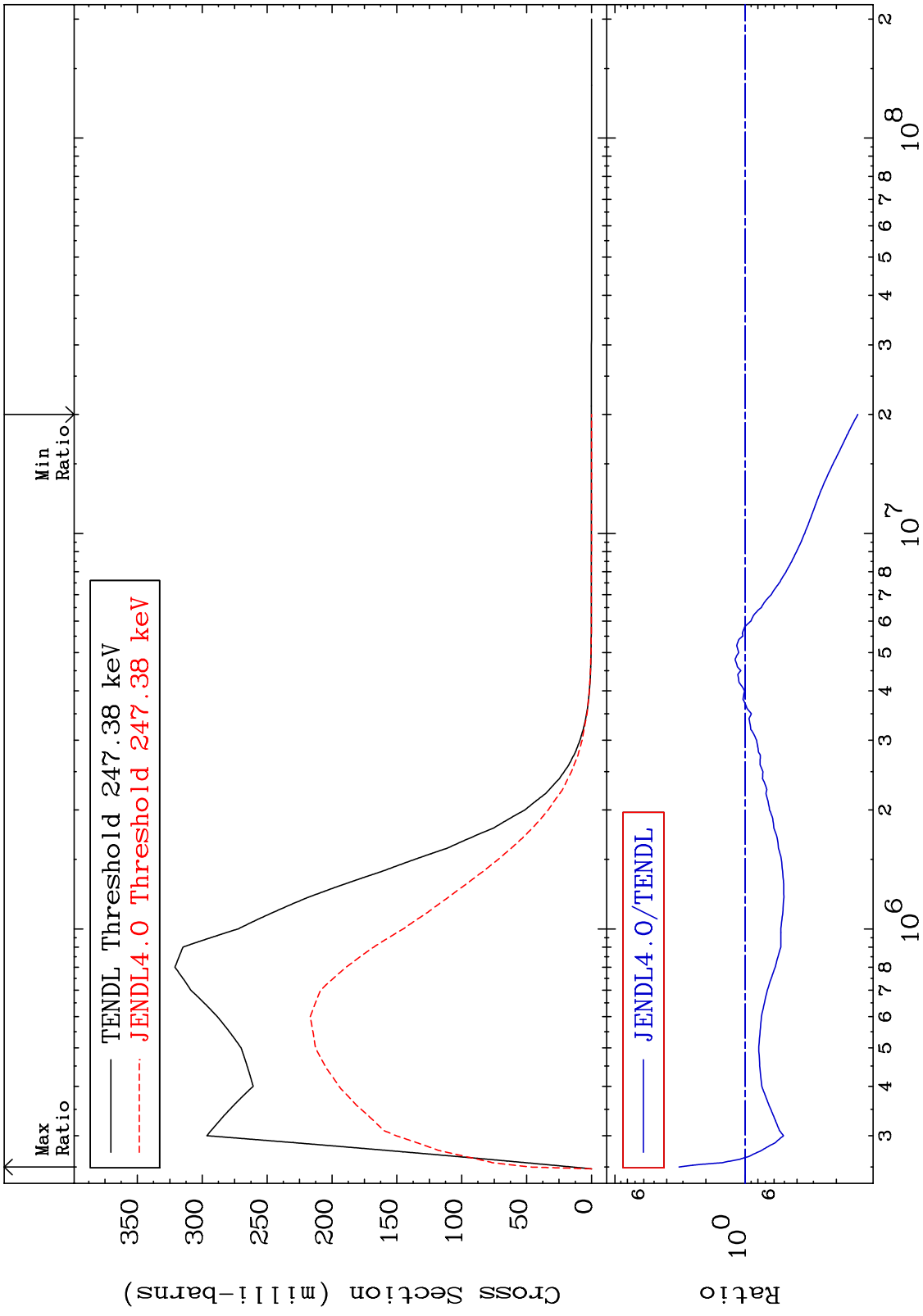
MAT 6337 MT= 53 (n,n') Level Cross Section 63-Eu-155
 -78.33 To 261.0 %



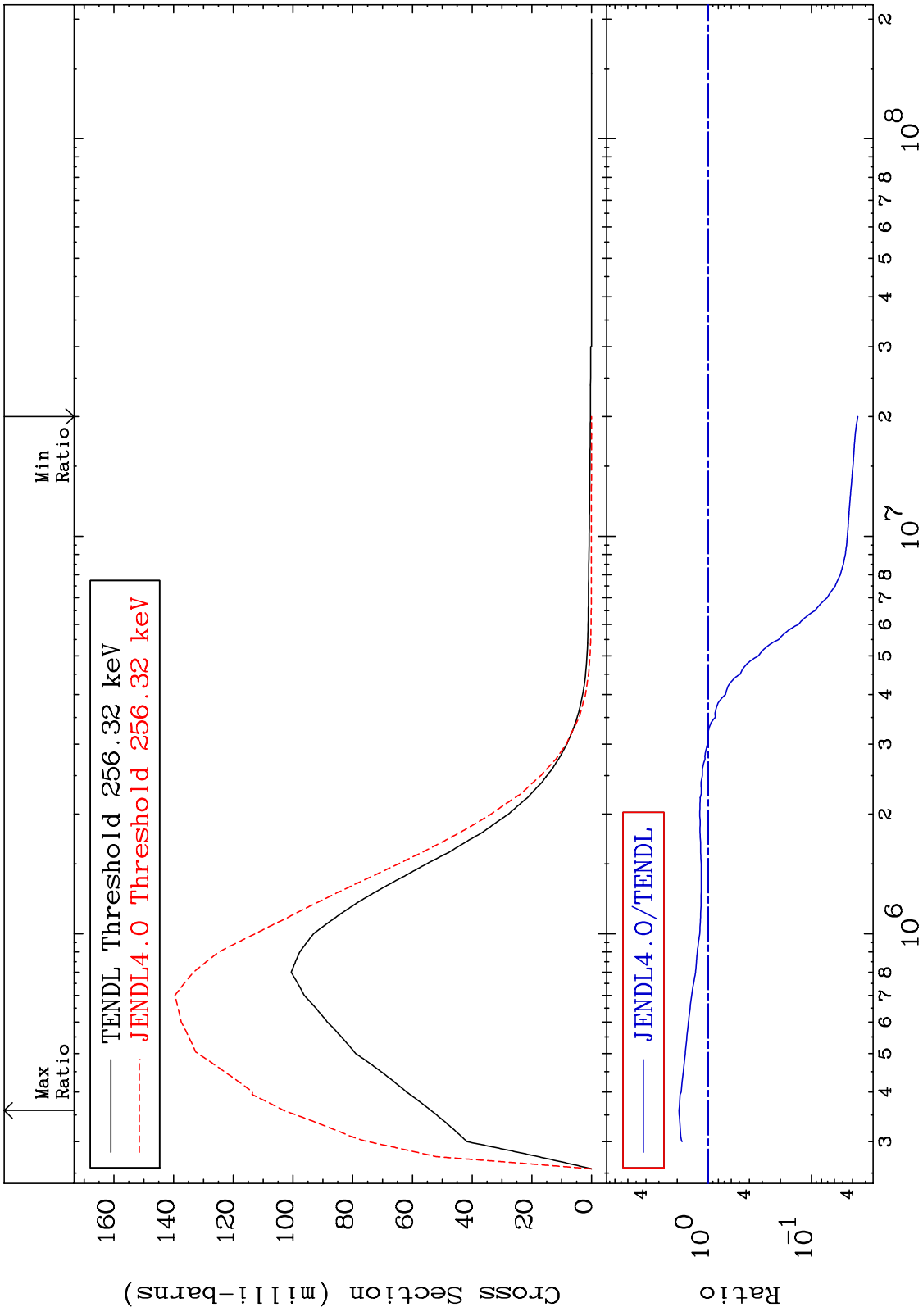
MAT 6337 MT= 54 (n,n') Level Cross Section 63-Eu-155
 -54.73 To 9999. %



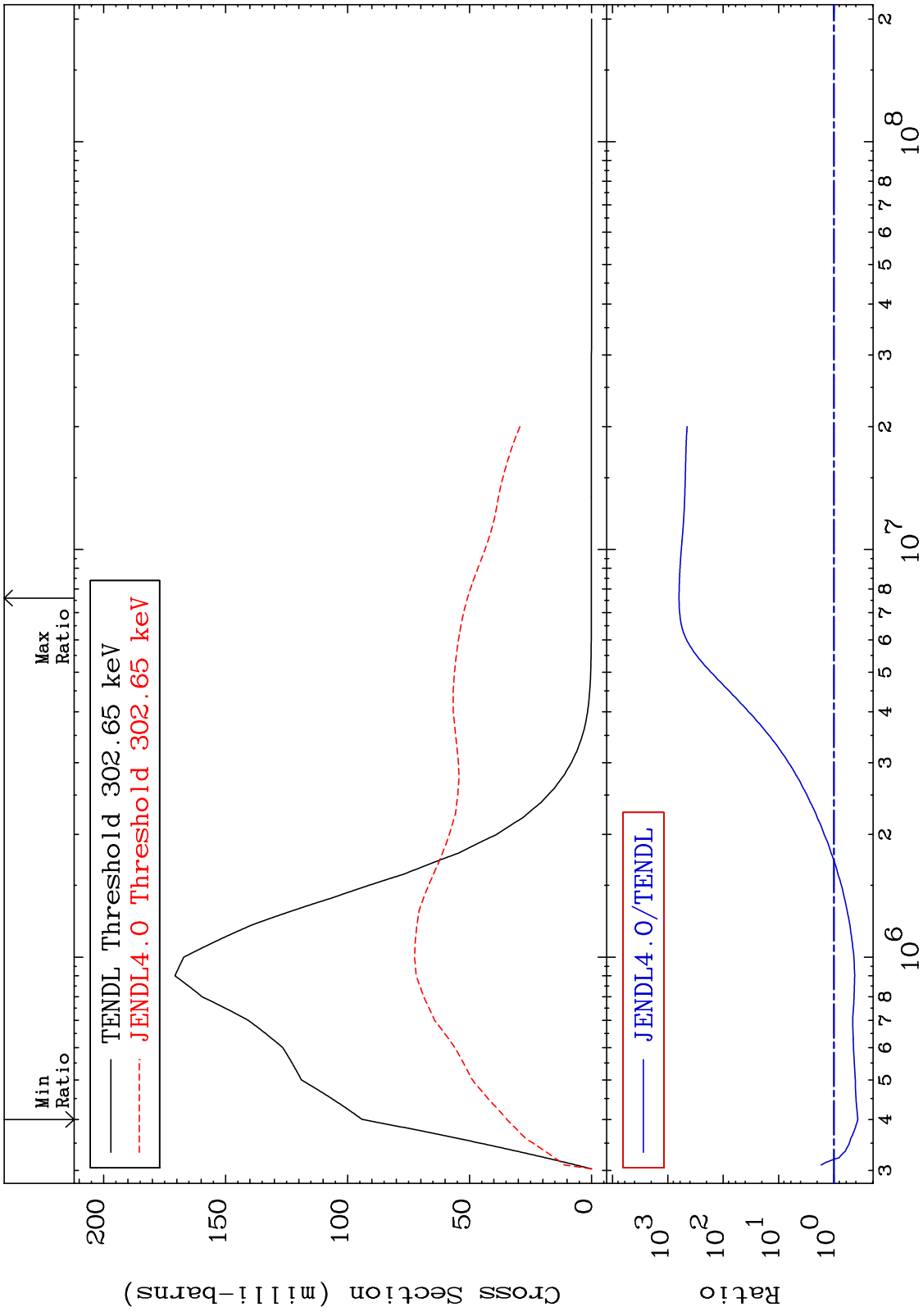
MAT 6337 MT= 55 (n,n') Level Cross Section 63-Eu-155 -86.33 To 221.8 %



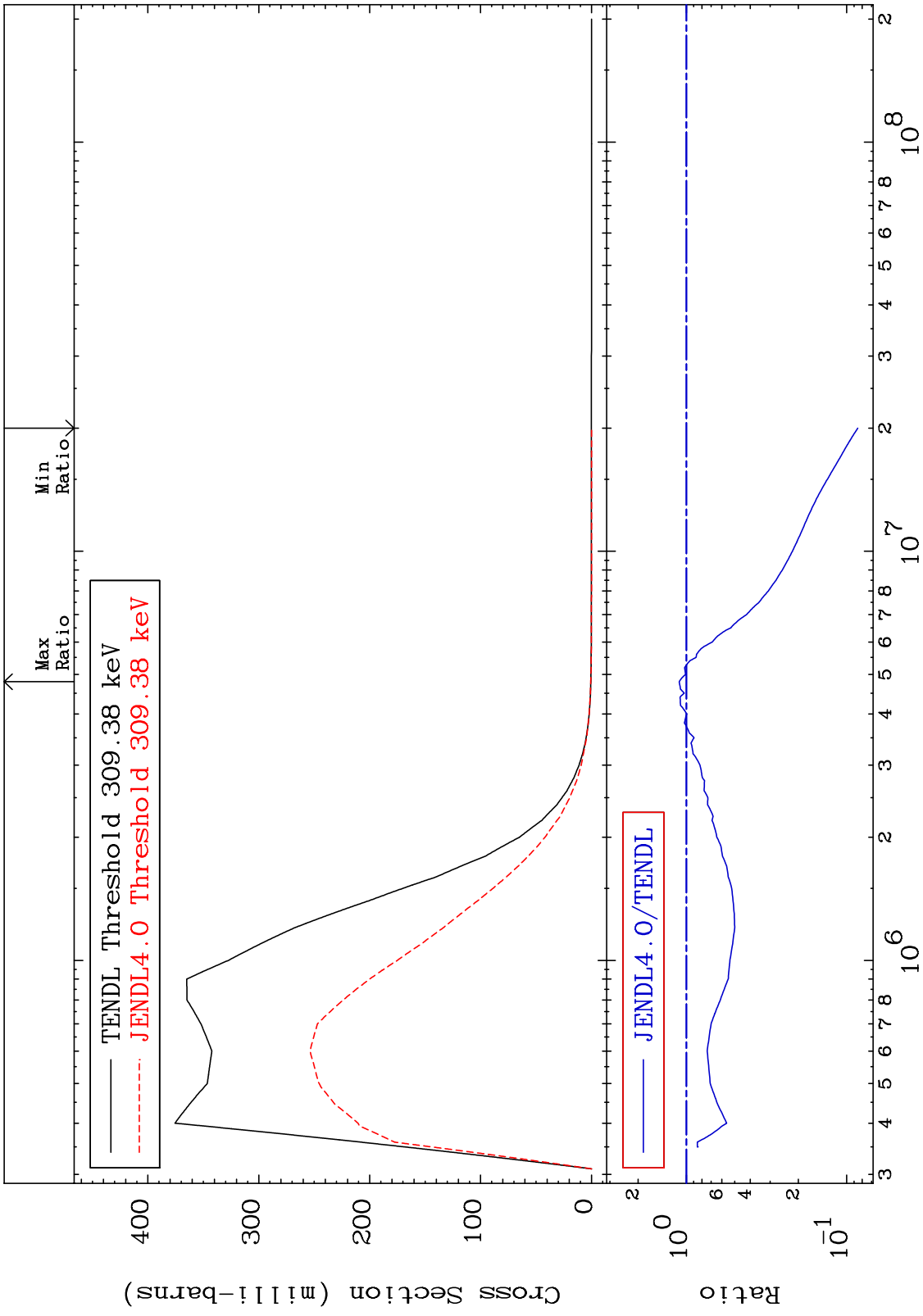
MAT 6337 MT= 56 (n,n') Level Cross Section 63-Eu-155 -96.44 To 91.69 %



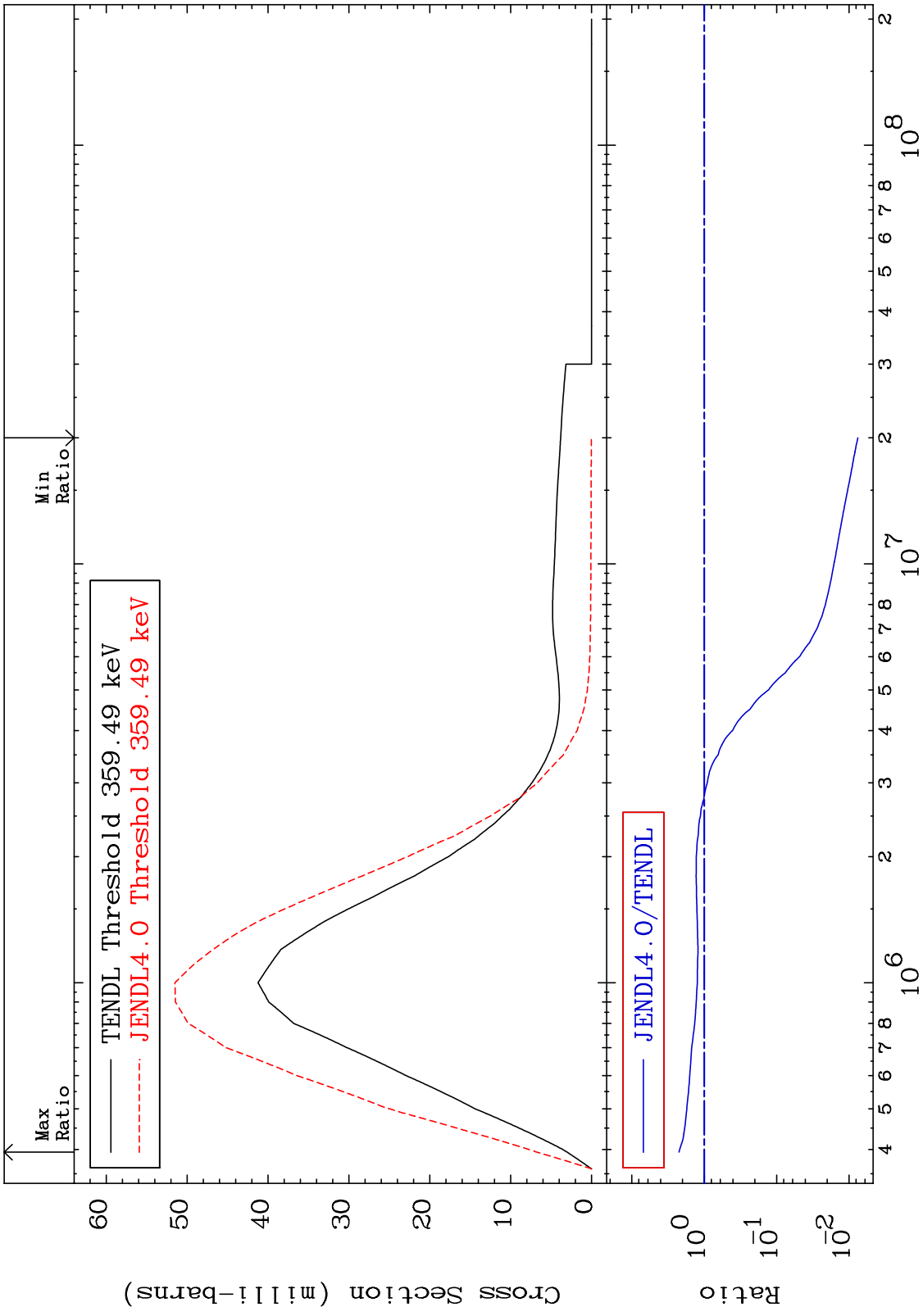
MAT 6337 MT= 57 (n,n') Level Cross Section 63-Eu-155
 -63.11 To 9999. %



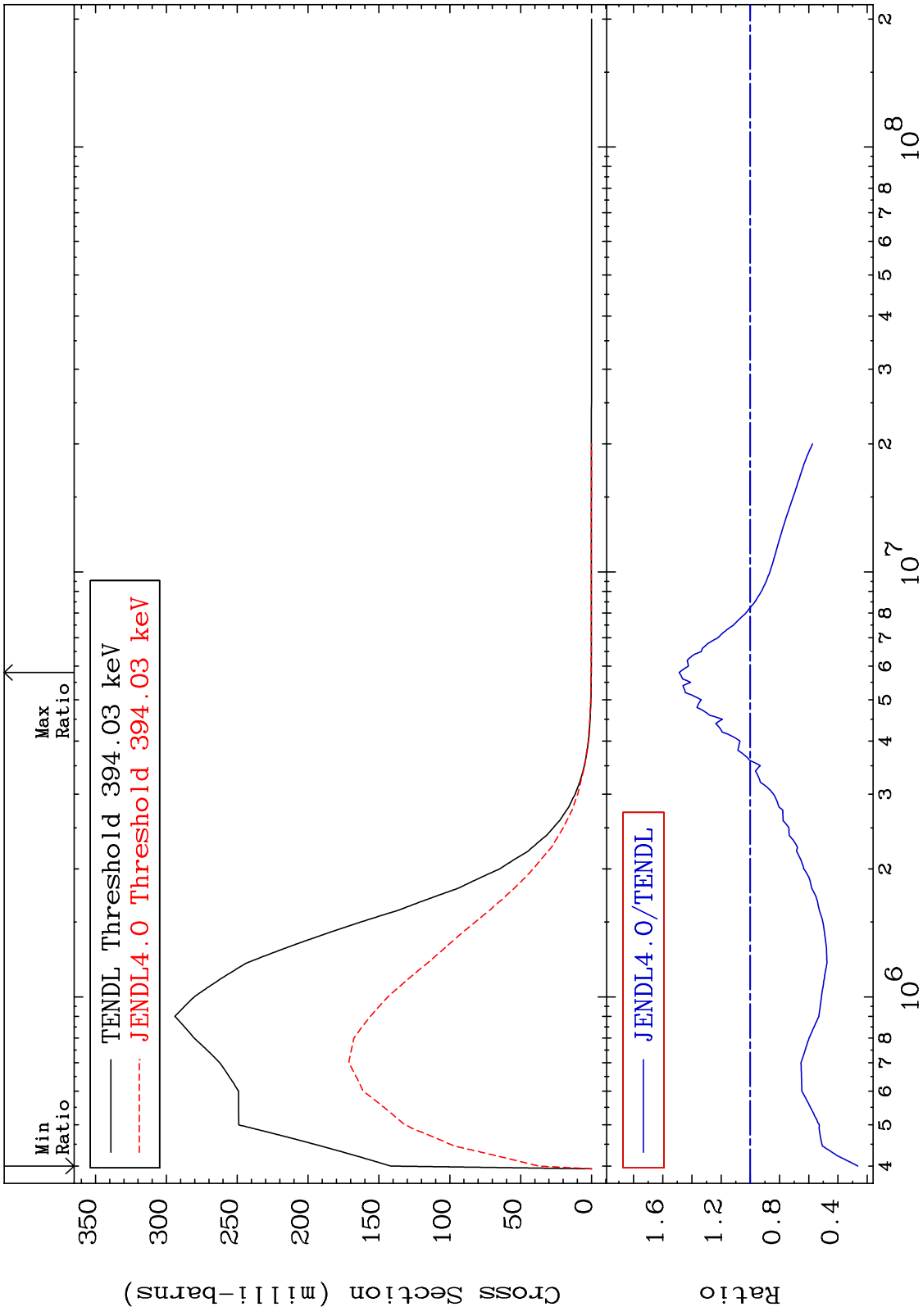
MAT 6337 MT= 58 (n,n') Level Cross Section 63-Eu-155 -91.48 To 11.09 %



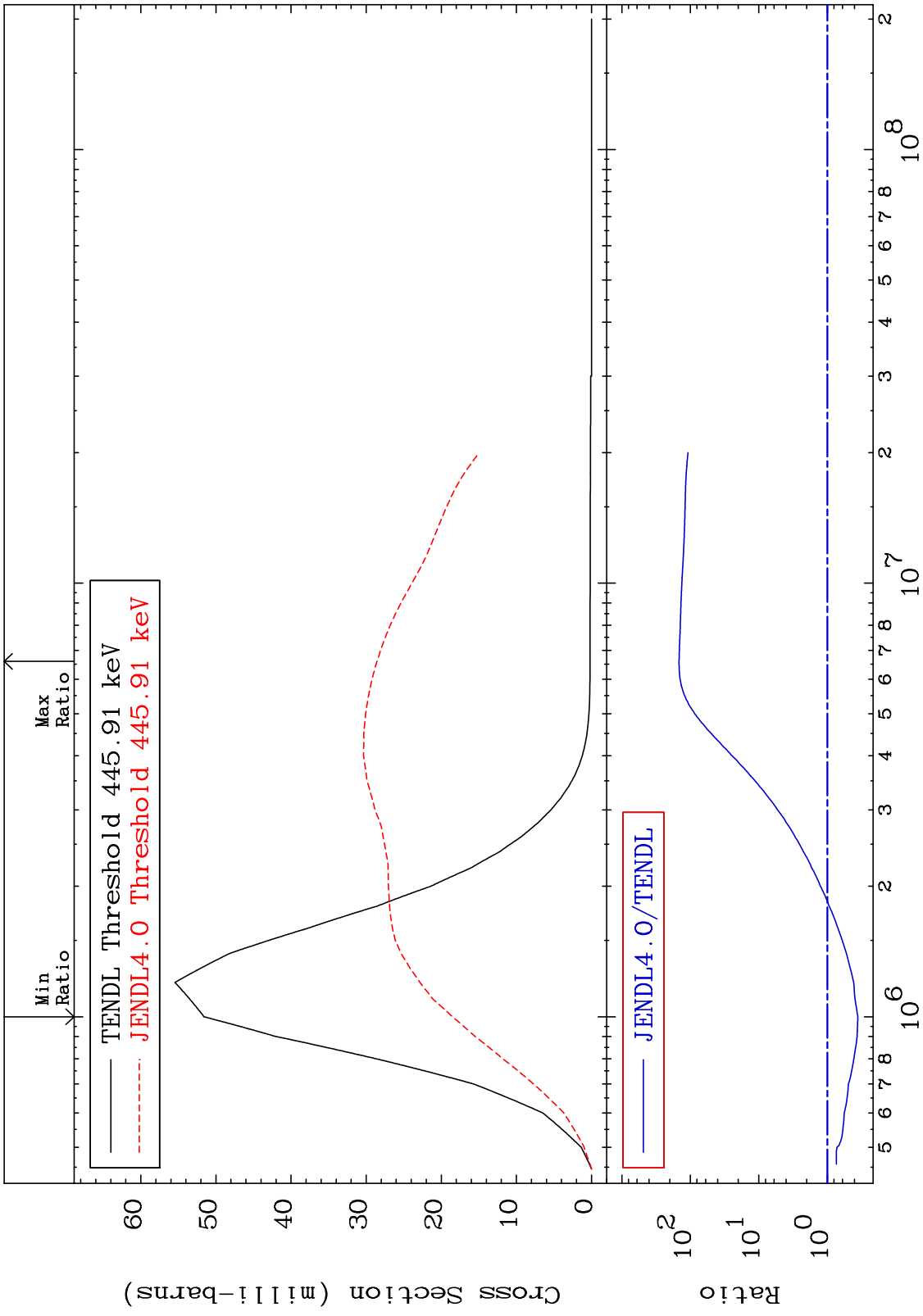
MAT 6337 MT= 59 (n,n') Level Cross Section 63-Eu-155 -99.24 To 122.8 %



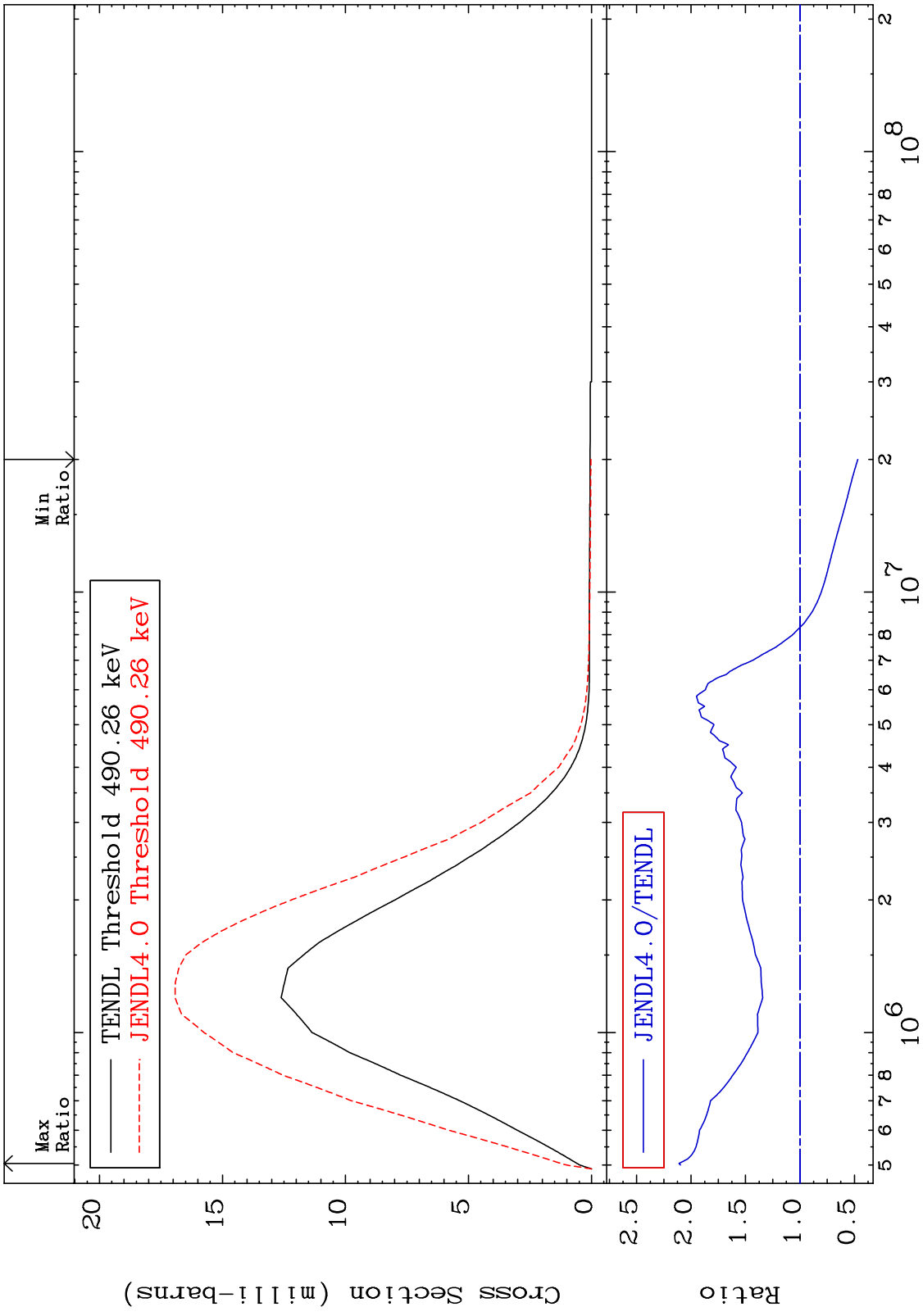
MAT 6337 MT= 60 (n,n') Level Cross Section 63-Eu-155
 -73.63 To 48.82 %



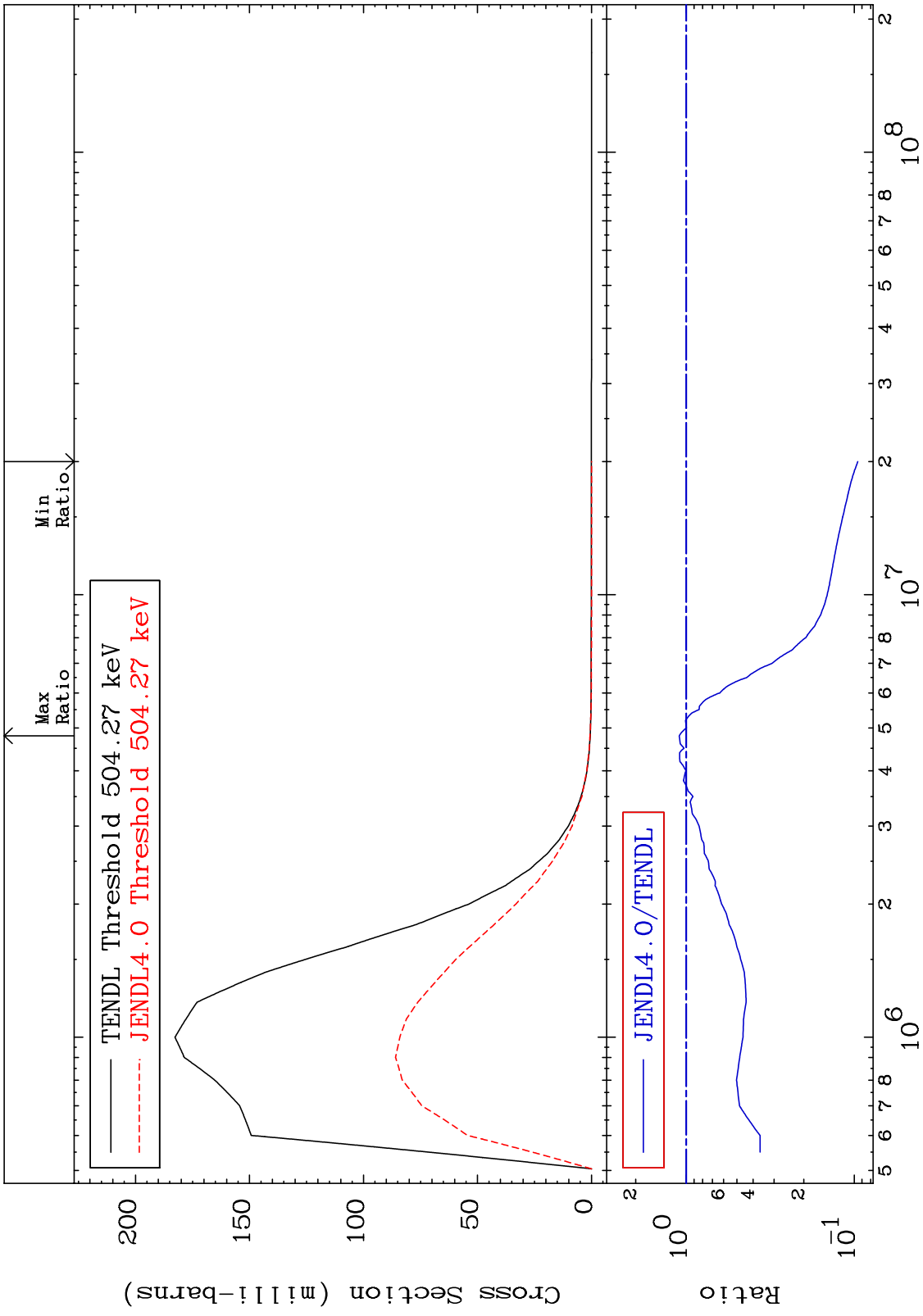
MAT 6337 MT= 61 (n,n') Level Cross Section -64.11 To 9999. % 63-Eu-155



MAT 6337 MT= 62 (n,n') Level Cross Section 63-Eu-155
-53.13 To 111.0 %



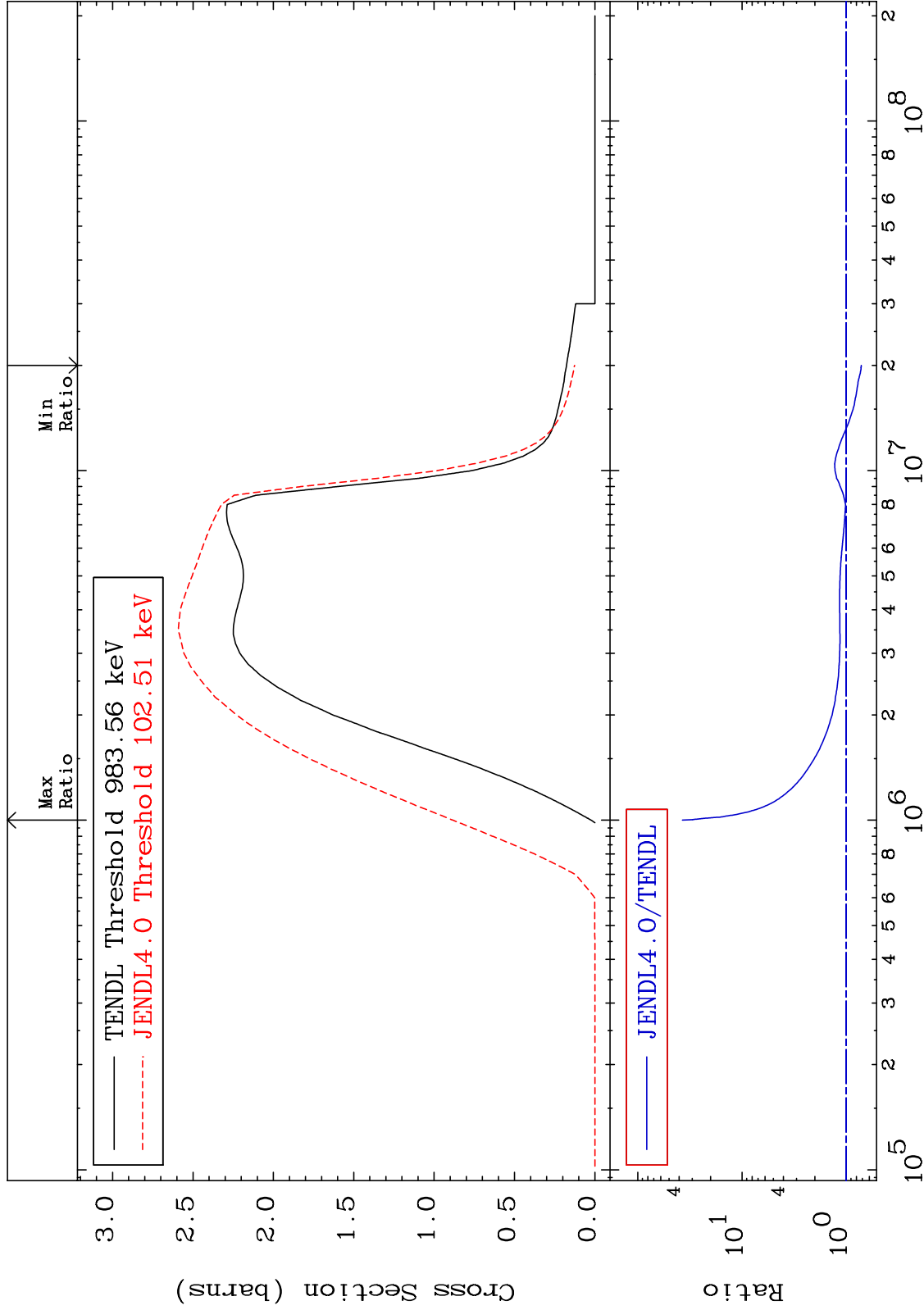
MAT 6337 MT= 63 (n,n') Level Cross Section 63-Eu-155
 -90.47 To 10.44 %



MAT 6337

(n, n') Continuum
Cross Section

63-Eu-155
-28.24 To 3622. %



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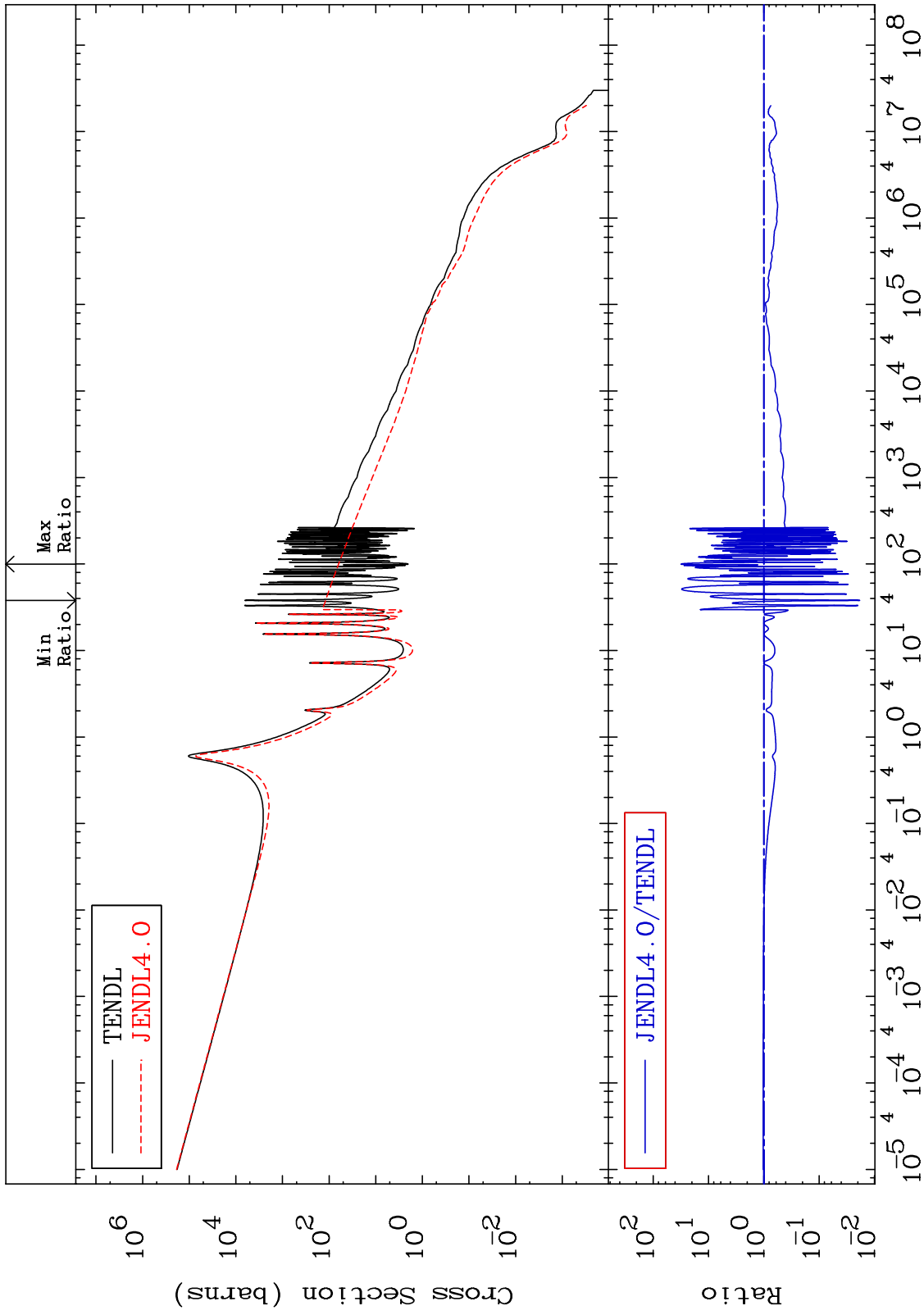
Incident Energy (eV)

63-Eu-155

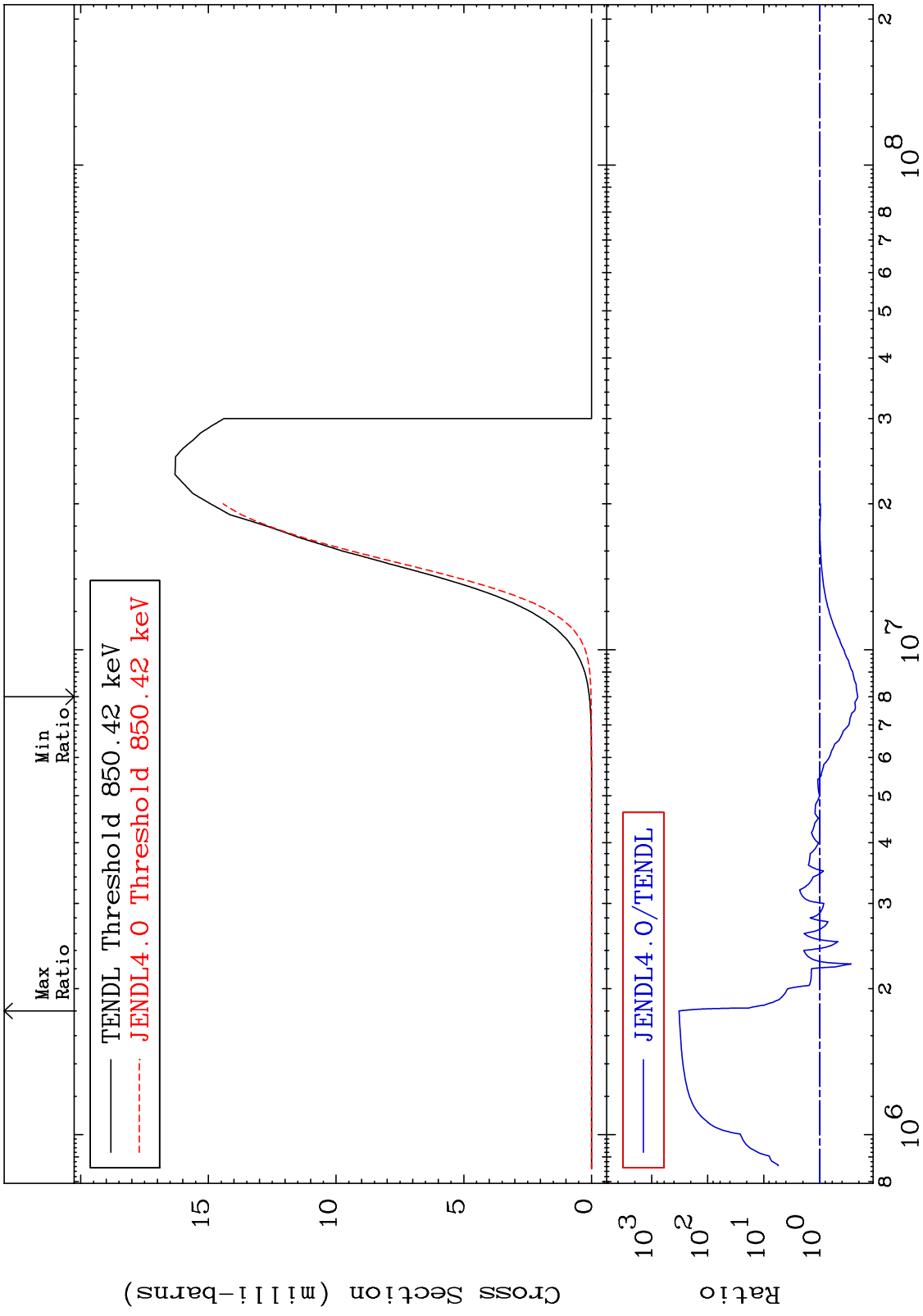
MAT 6337

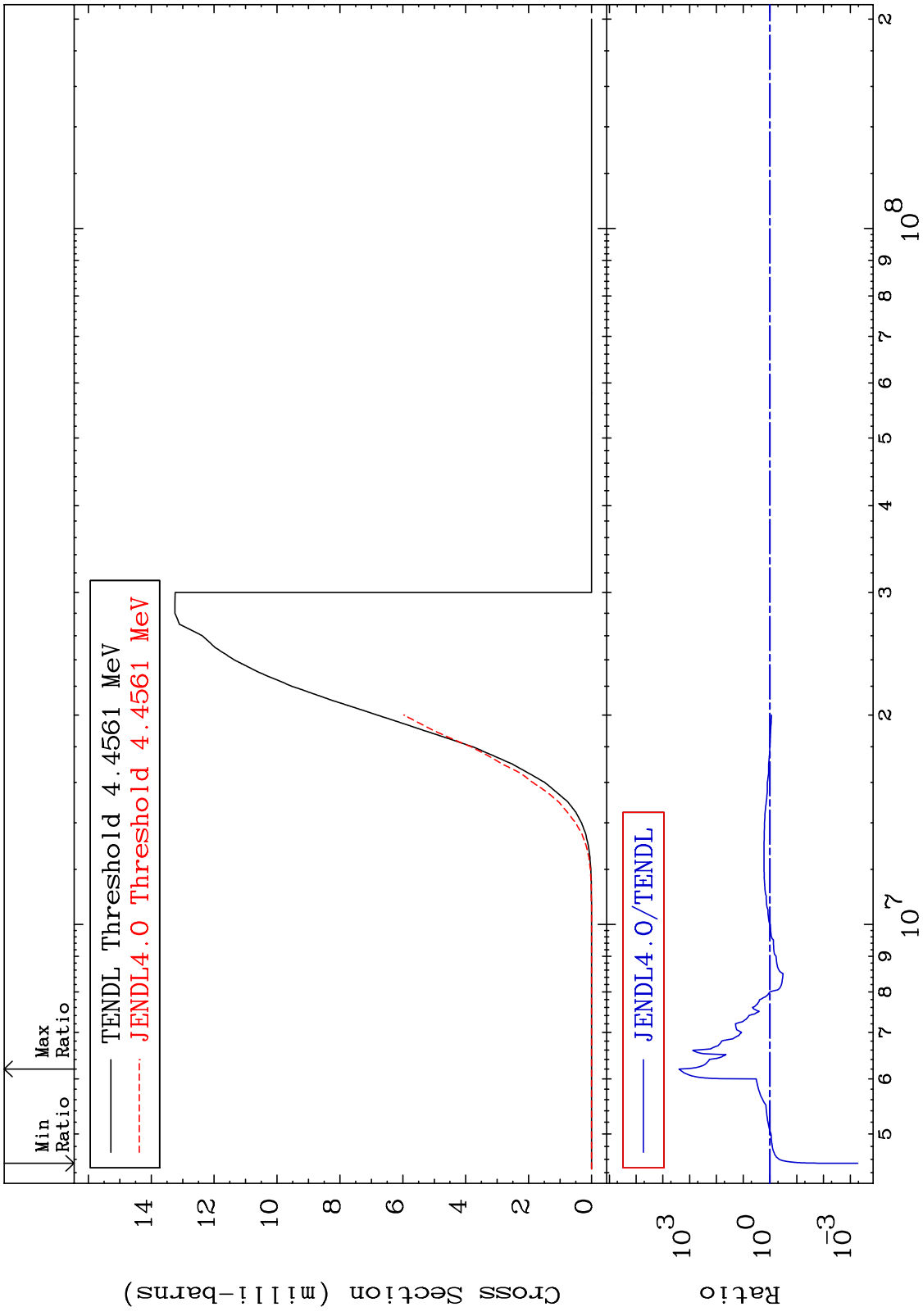
(n, γ)
Cross Section

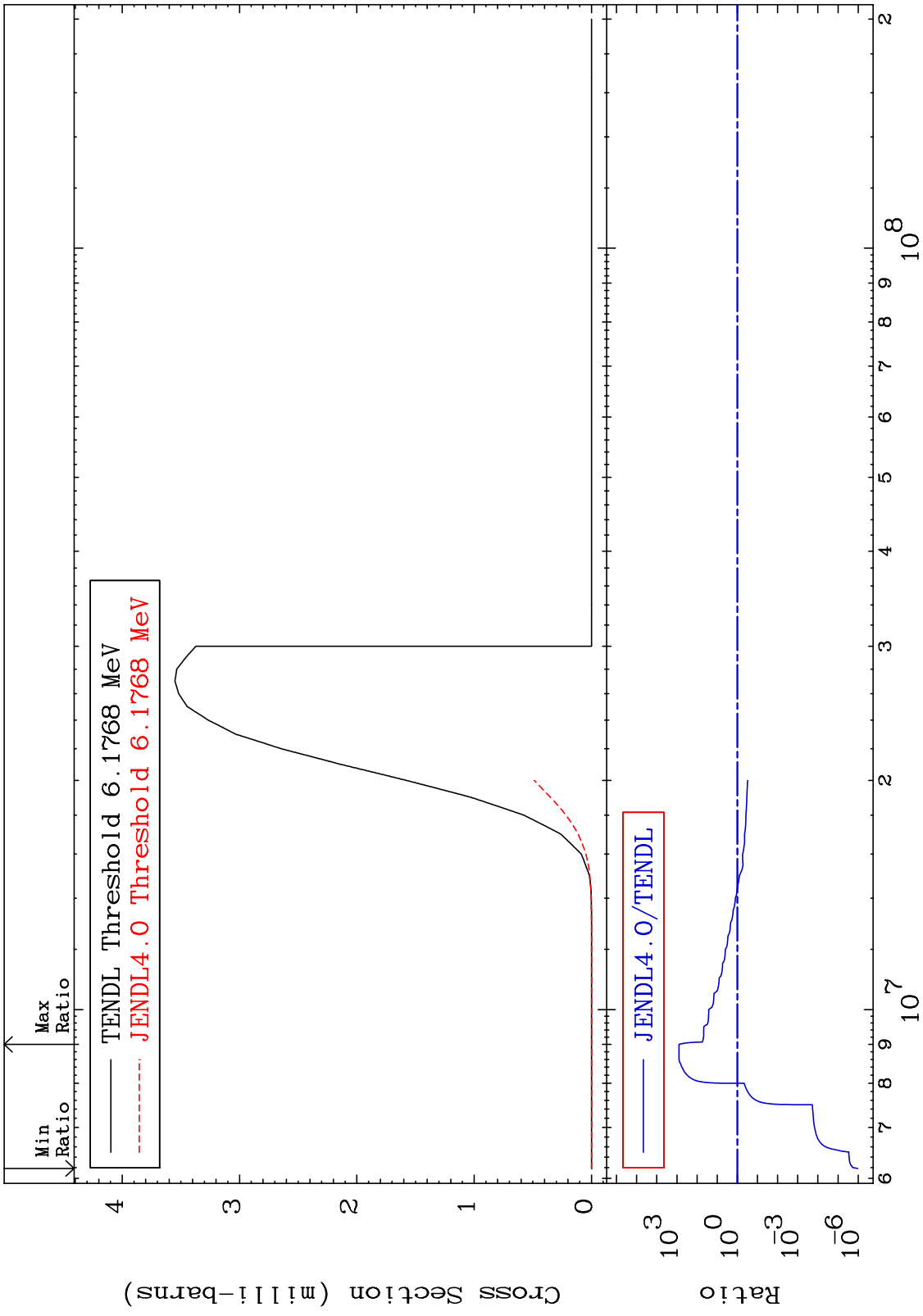
63-Eu-155
-98.15 To 3058. %

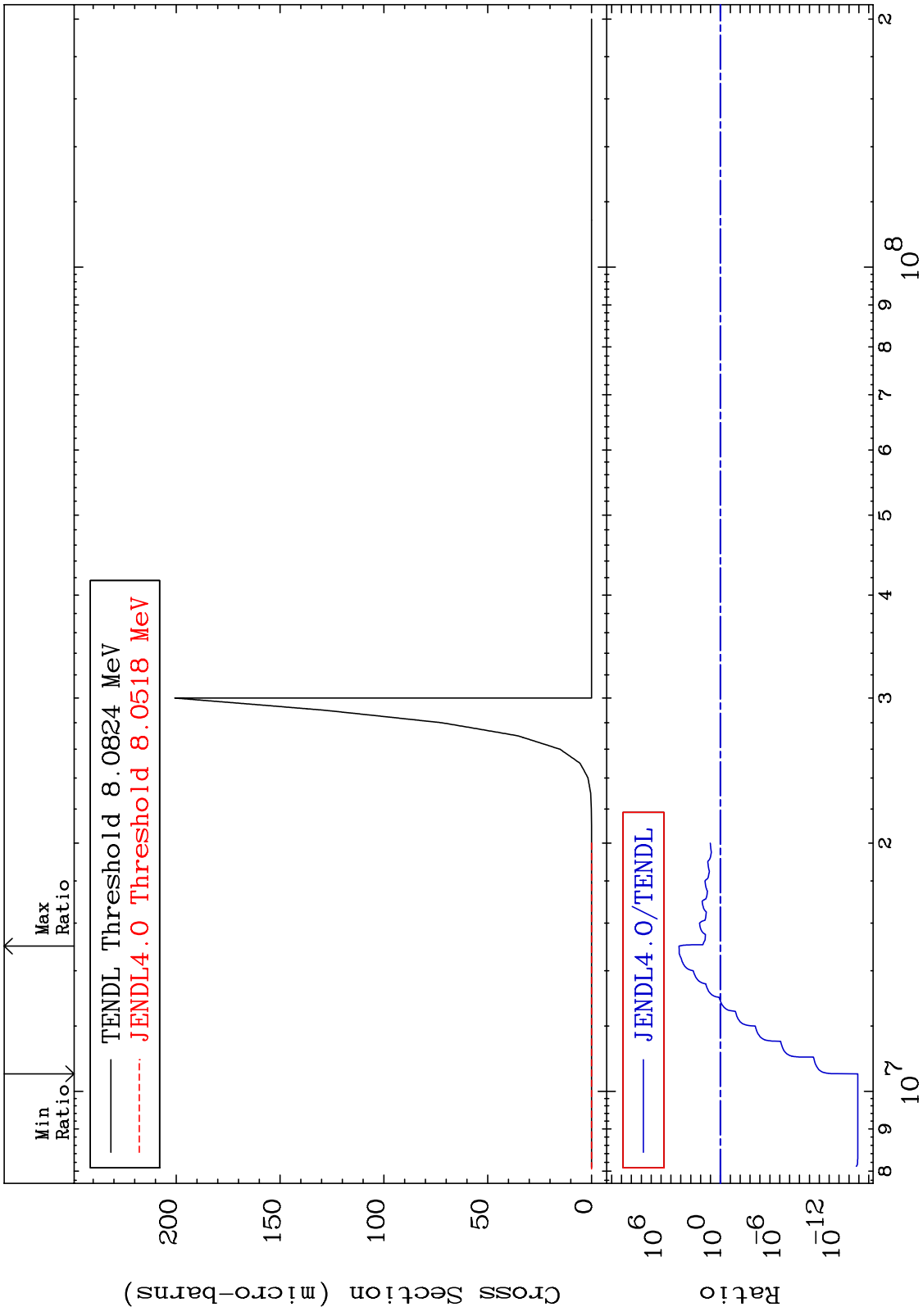


MAT 6337 (n,p) Cross Section 63-Eu-155 -79.16 To 9999. %









Min Ratio Max Ratio
 TENDL Threshold 8.0824 MeV
 JENDL4.0 Threshold 8.0518 MeV

JENDL4.0/TENDL

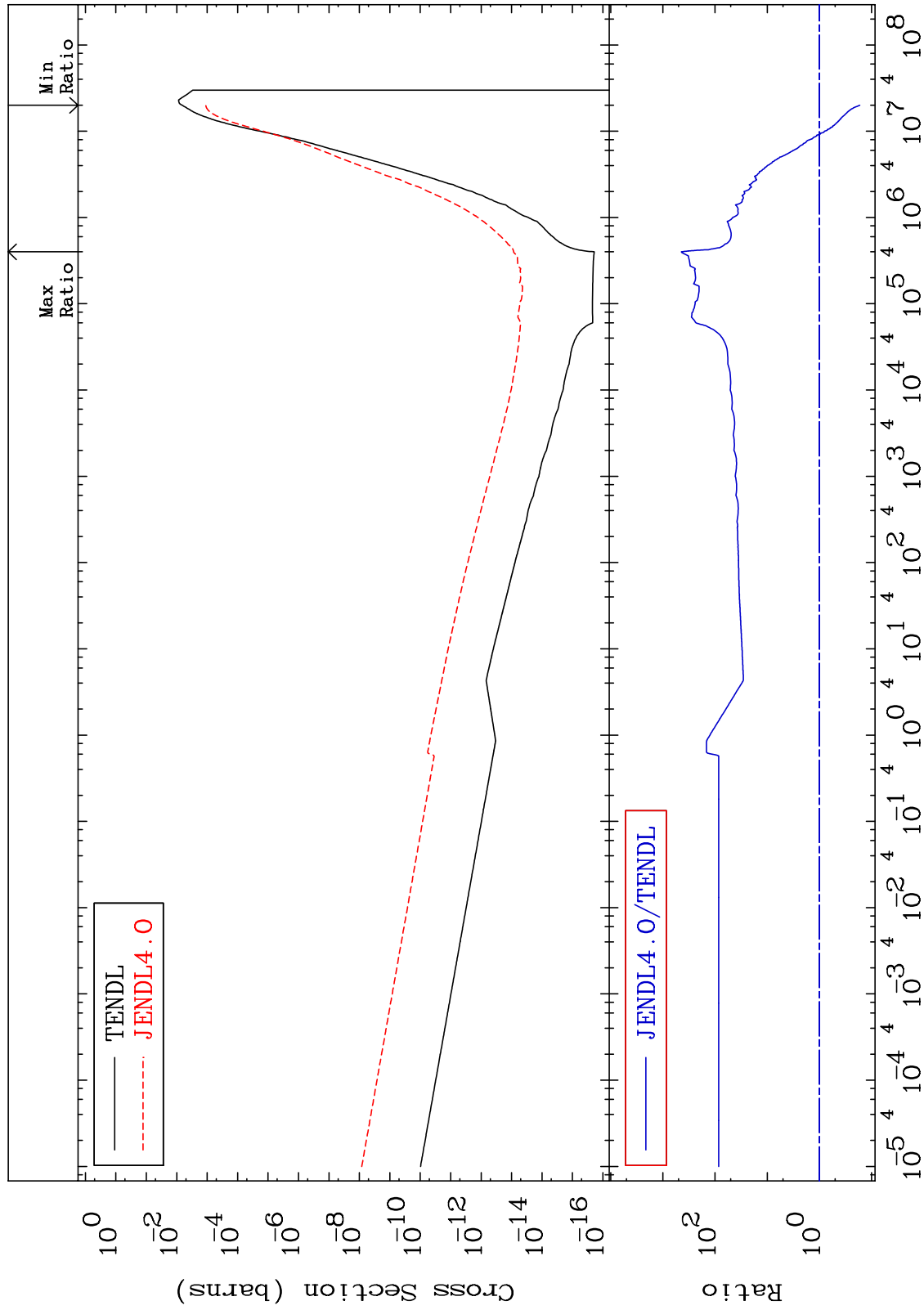
MAT 6337

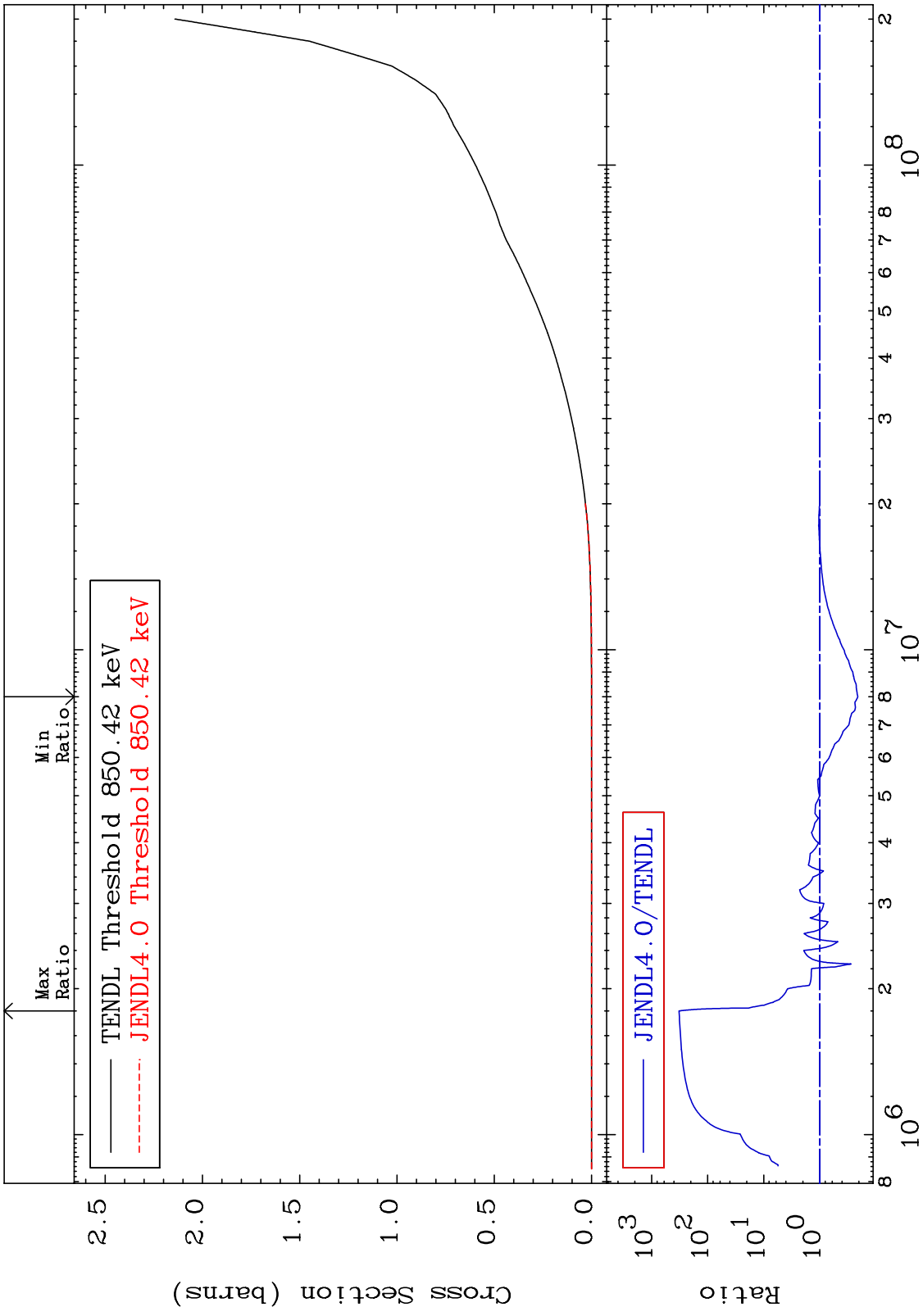
(n, α)

63-Eu-155

Cross Section

-83.22 To 9999. %

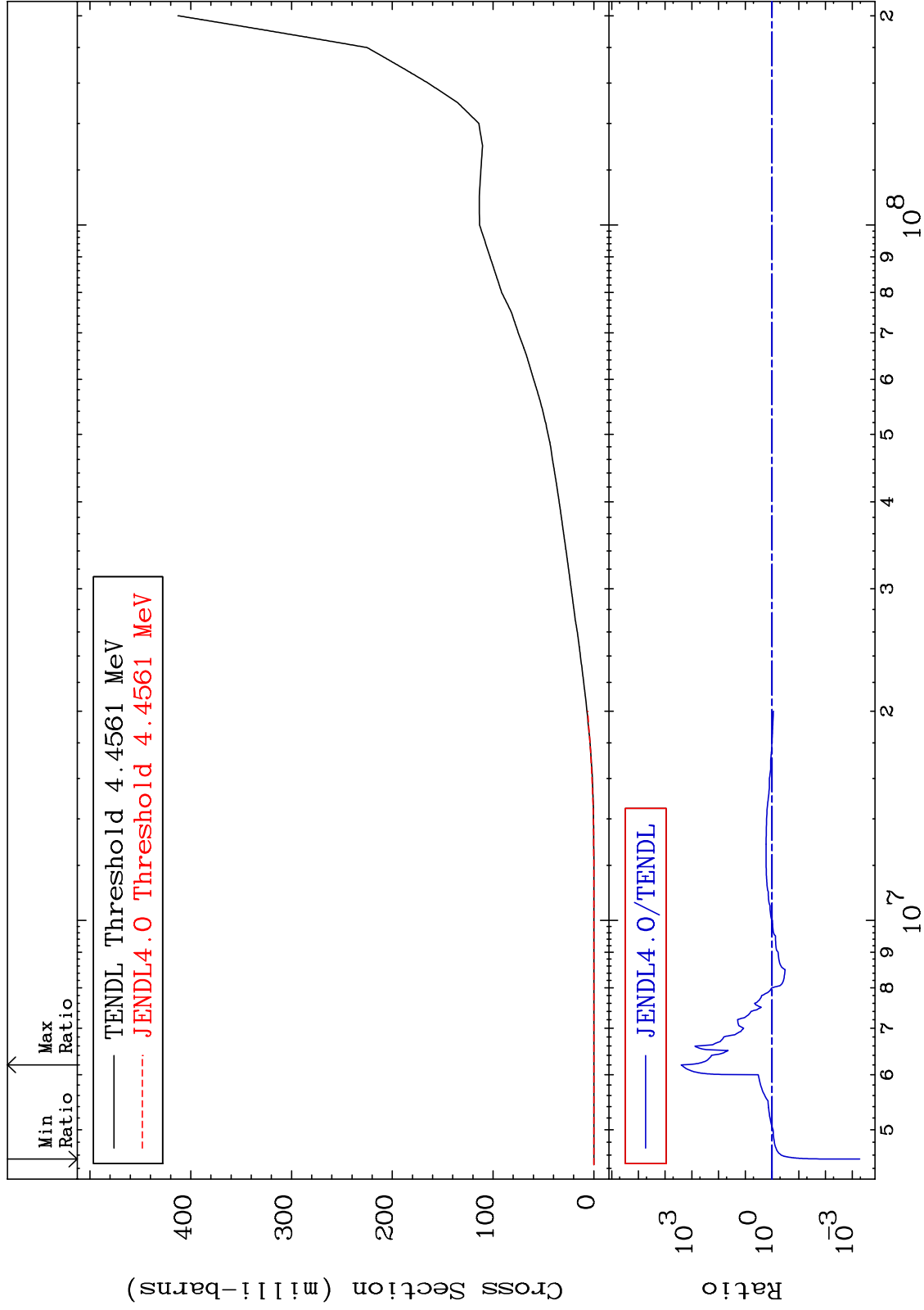




MAT 6337

Deuterium Production
Cross Section

63-Eu-155
-99.95 To 9999. %



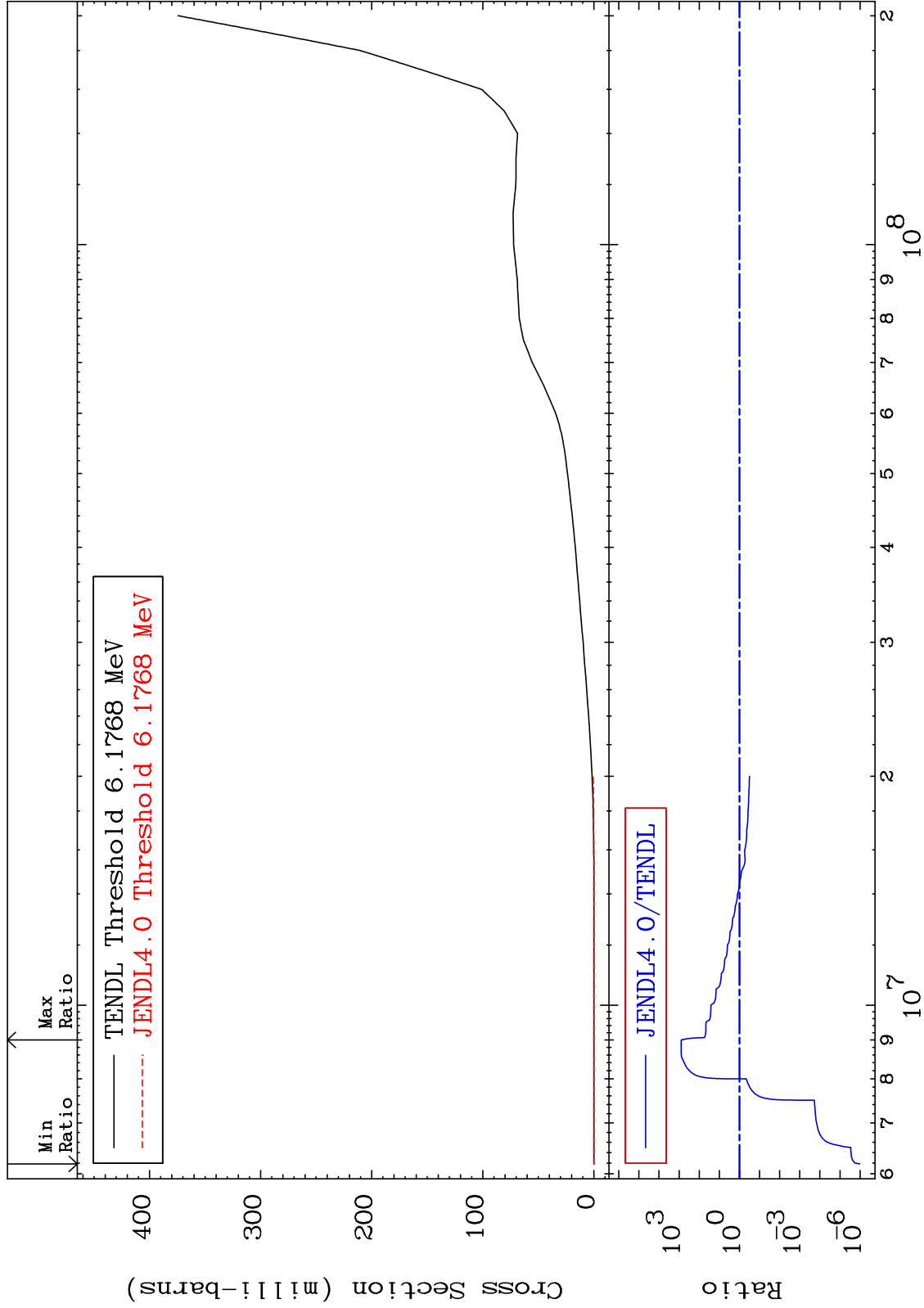
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63-Eu-155

MAT 6337

Tritium Production
Cross Section

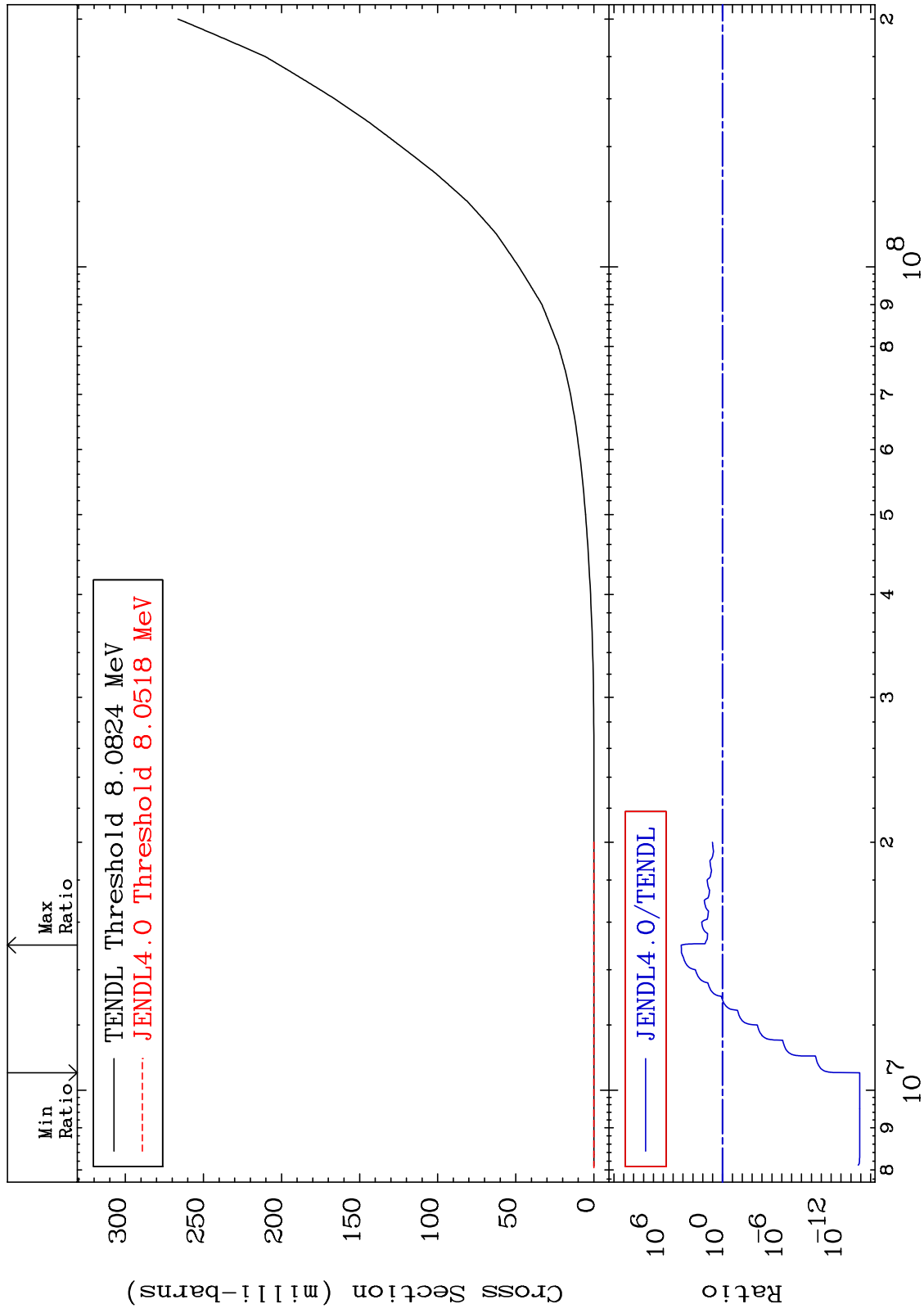
63-Eu-155
-100.0 To 9999. %



MAT 6337

He-3 Production
Cross Section

63-Eu-155
-100.0 To 9999. %



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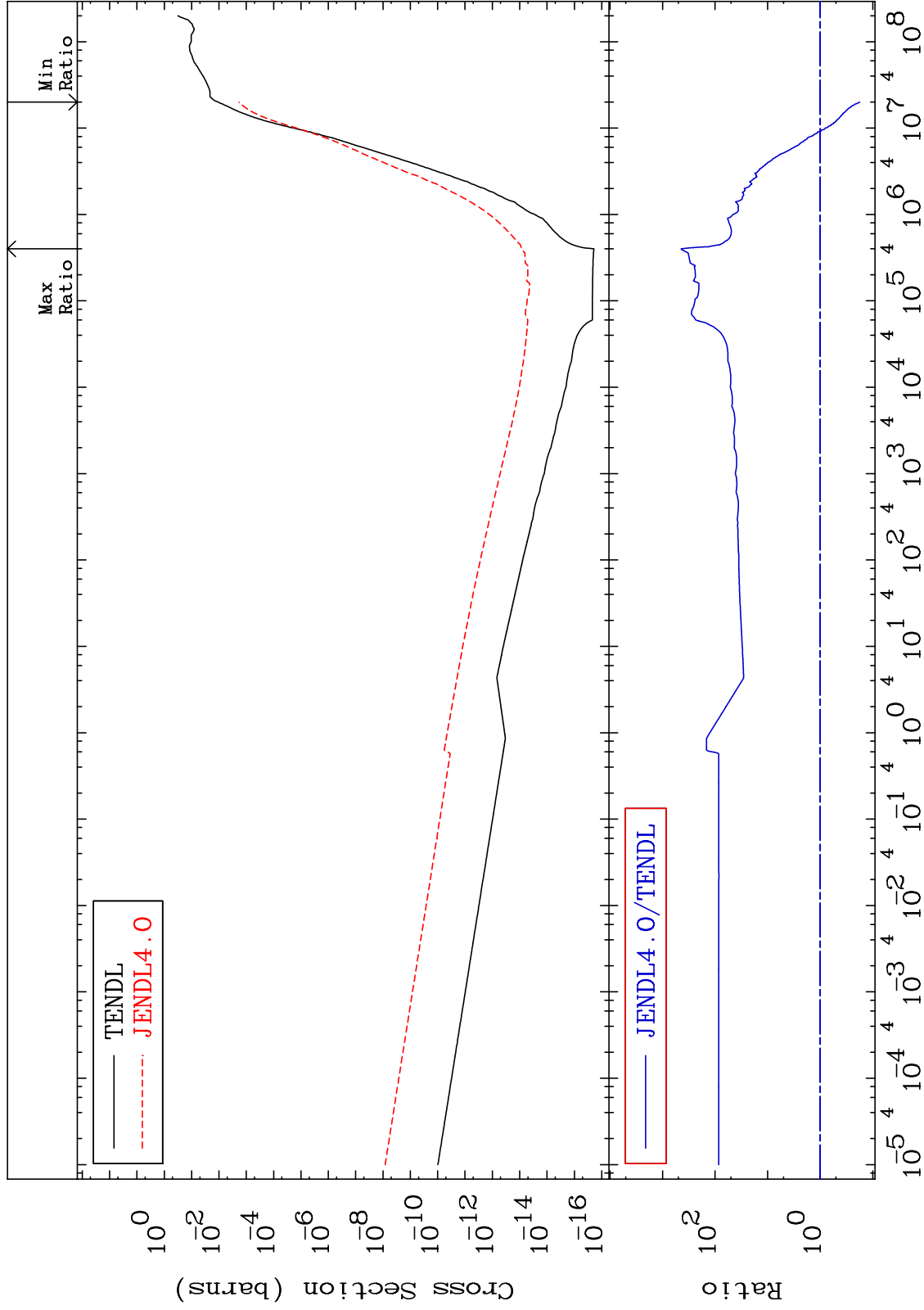
Incident Energy (eV)

63-Eu-155

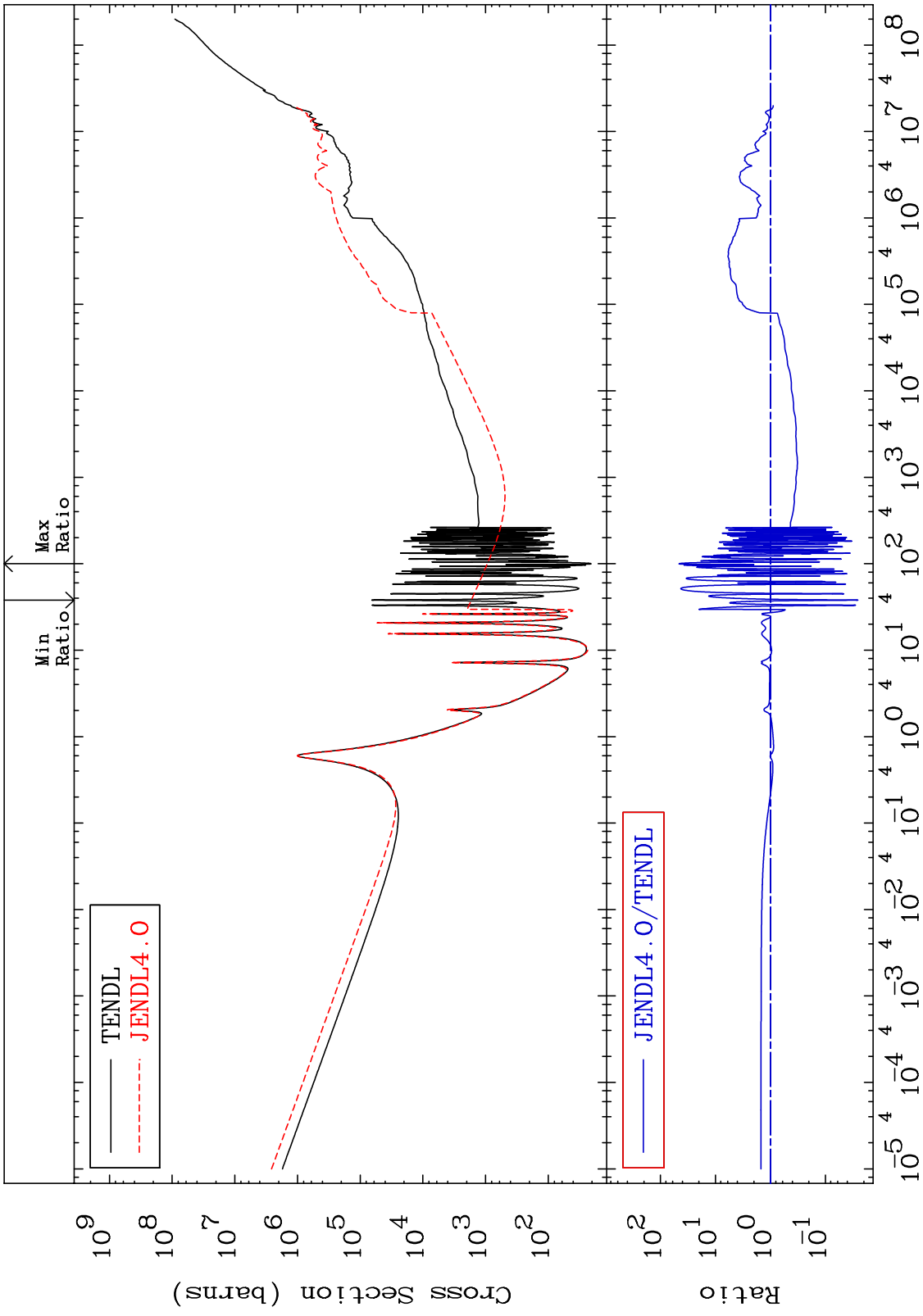
MAT 6337

He-4 Production
Cross Section

63-Eu-155
-82.33 To 9999. %



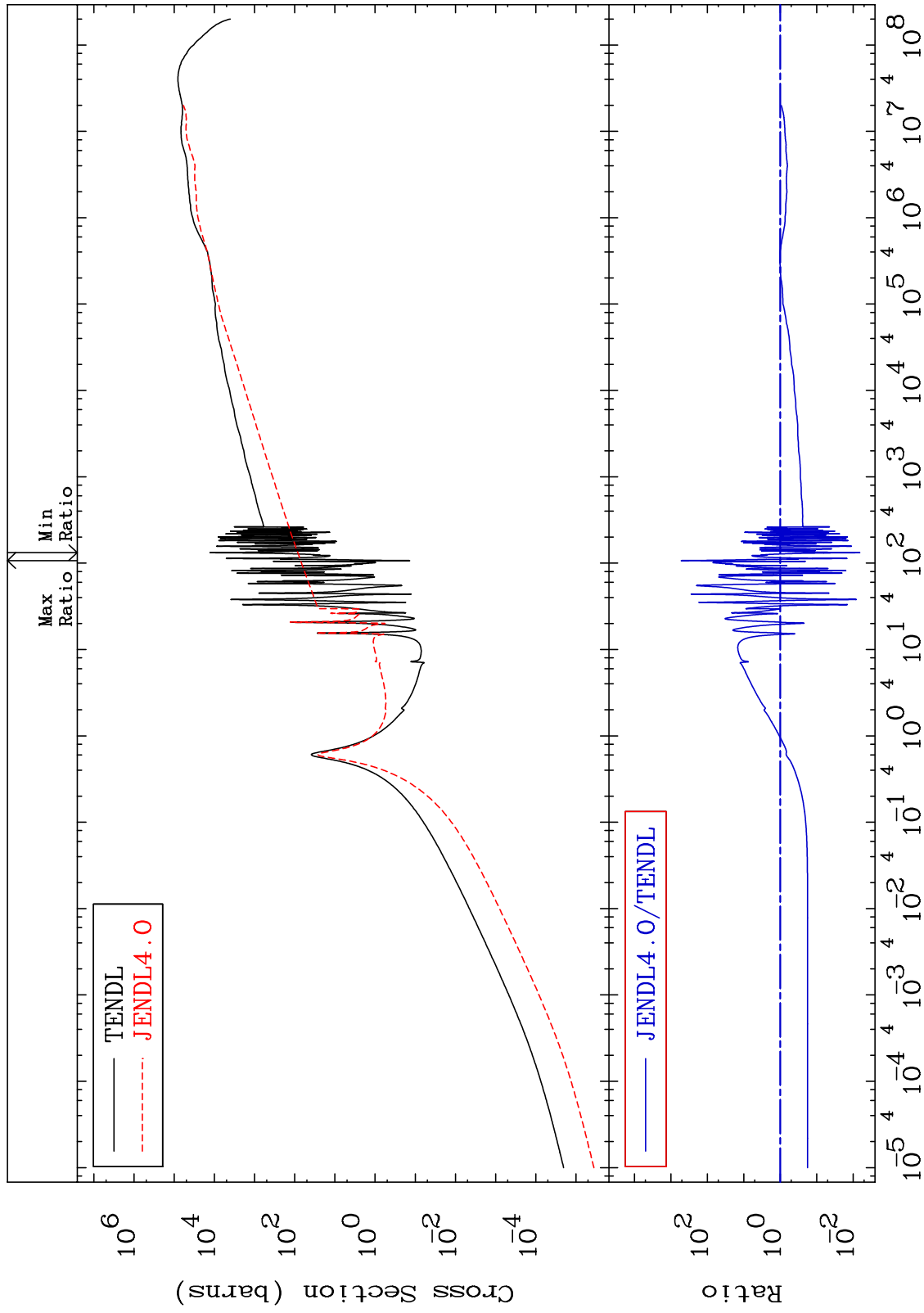
MAT 6337 Kerma total (eV-barns) 63-Eu-155
 Cross Section -97.42 To 4501. %



MAT 6337

Kerma elastic
Cross Section

63-Eu-155
-99.34 To 9999. %

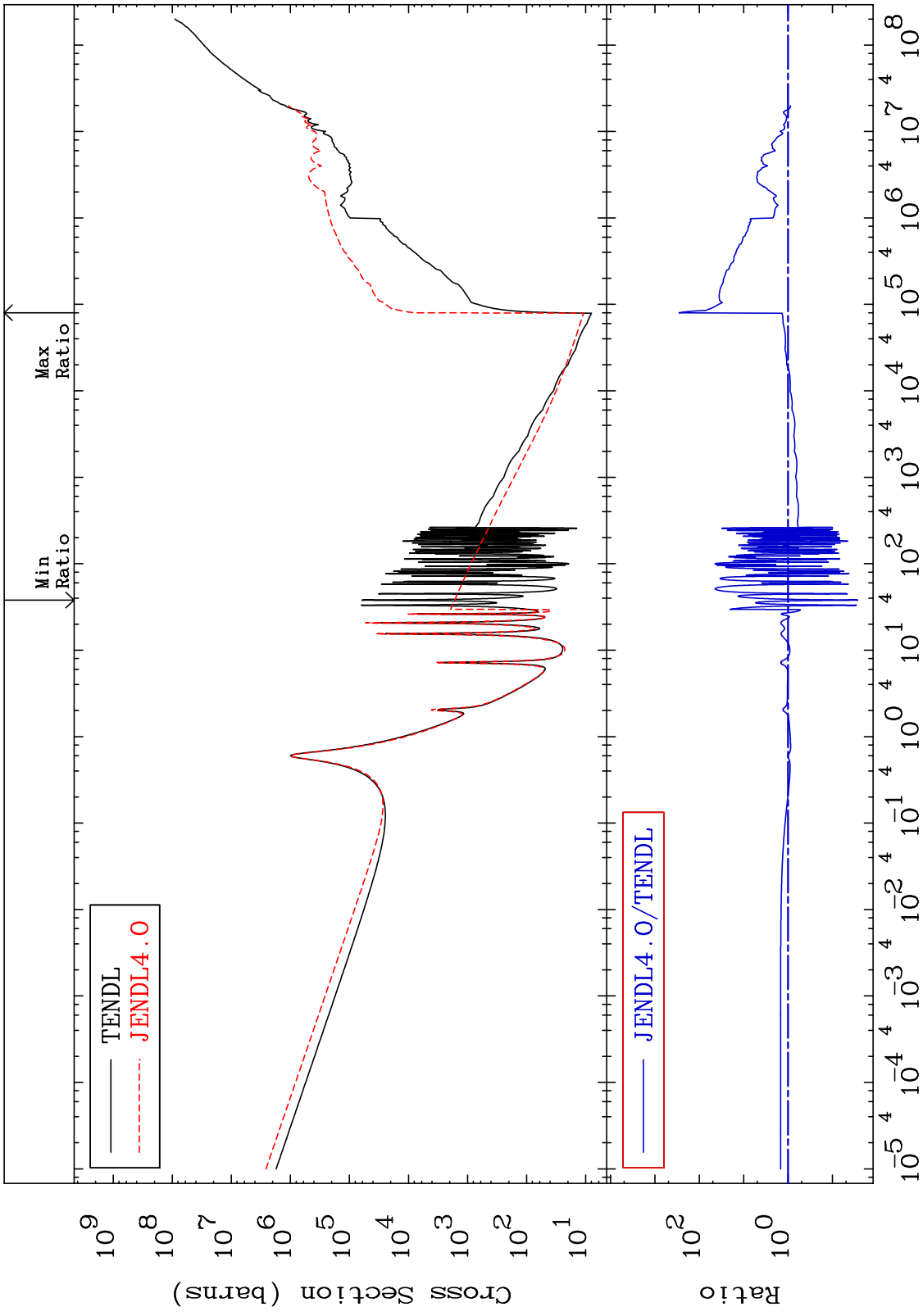


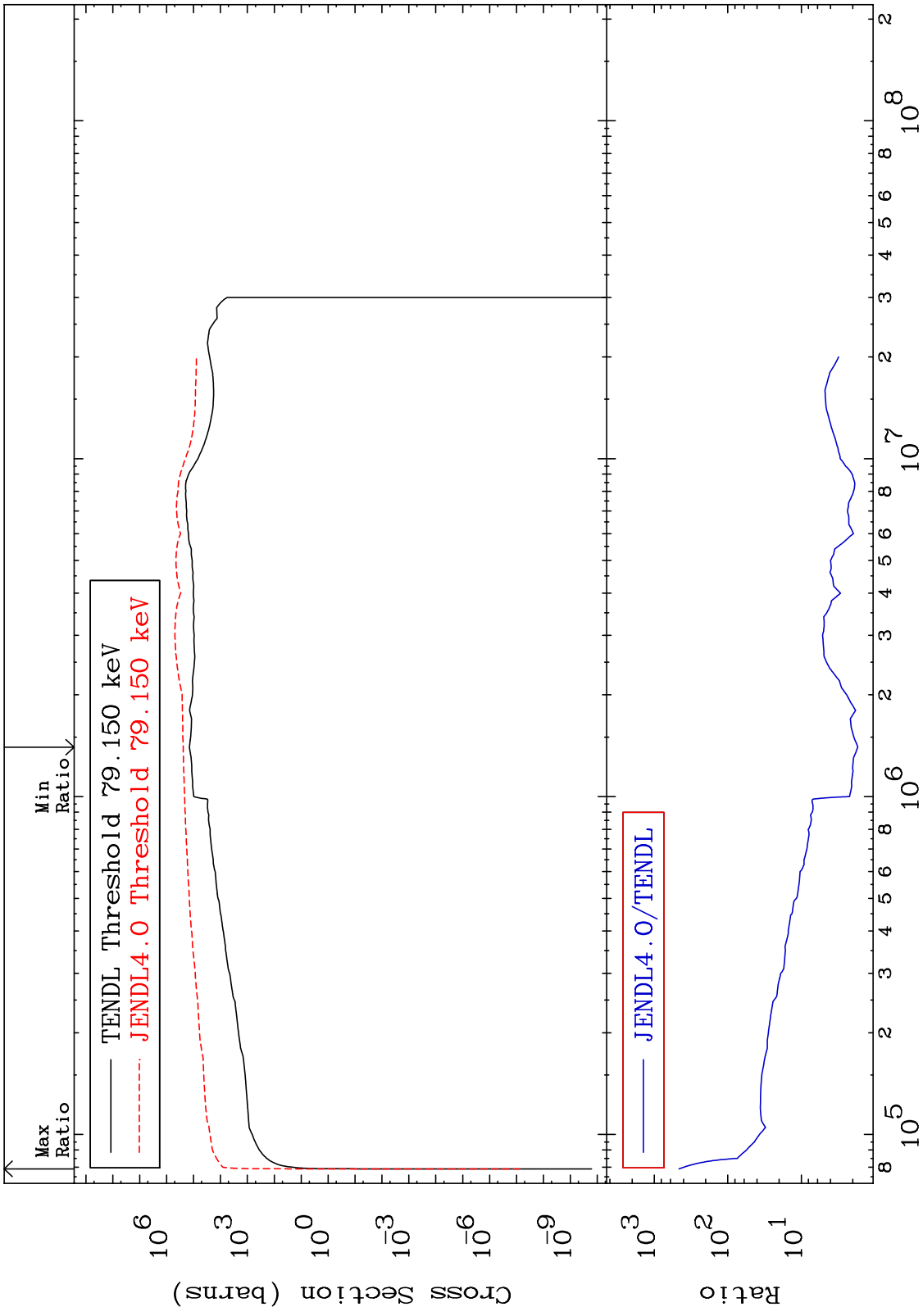
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Incident Energy (eV)

63-Eu-155

MAT 6337 Kerma non-elastic (all but mt2) 63-Eu-155
 Cross Section -97.31 To 9999. %

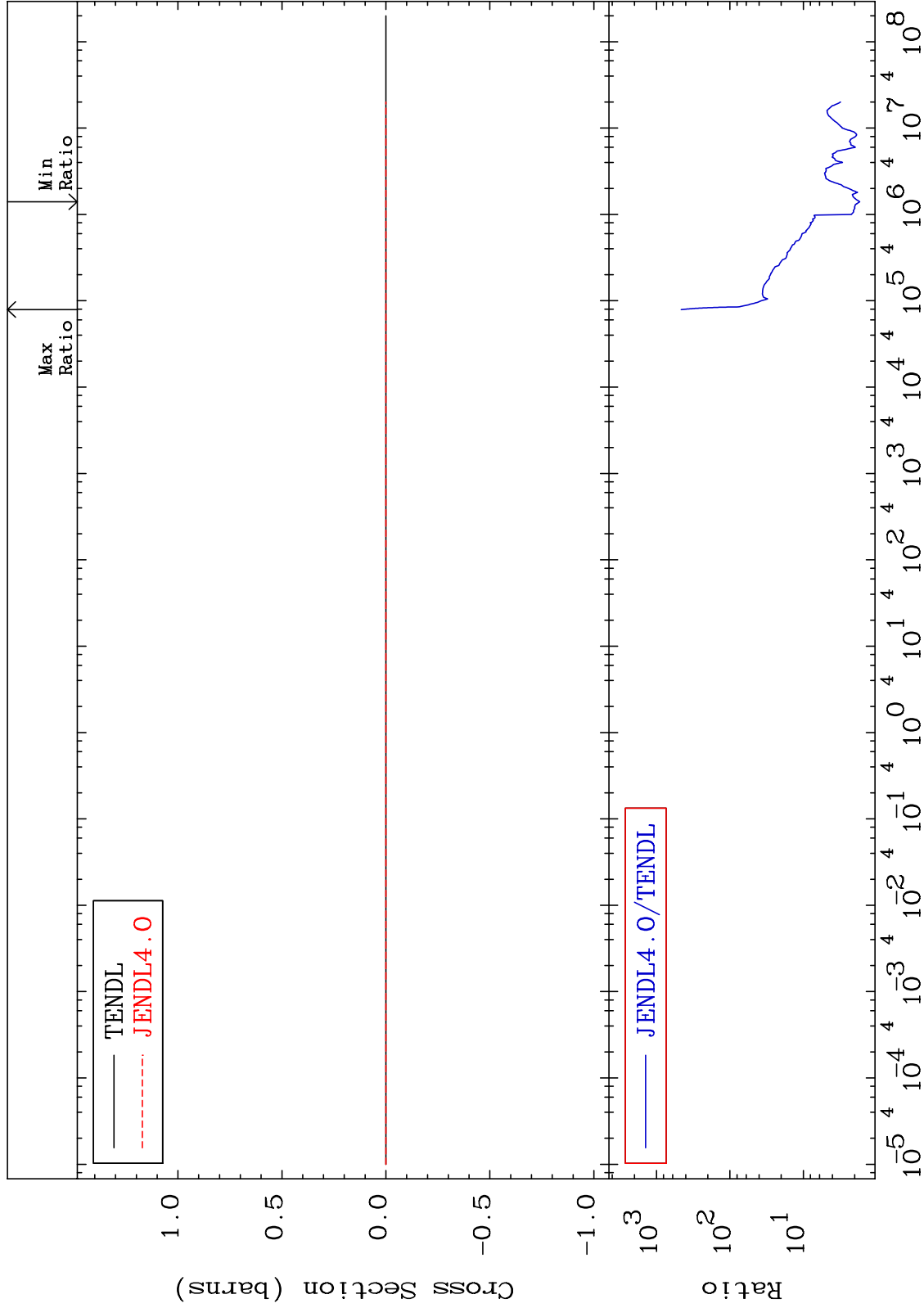




MAT 6337

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

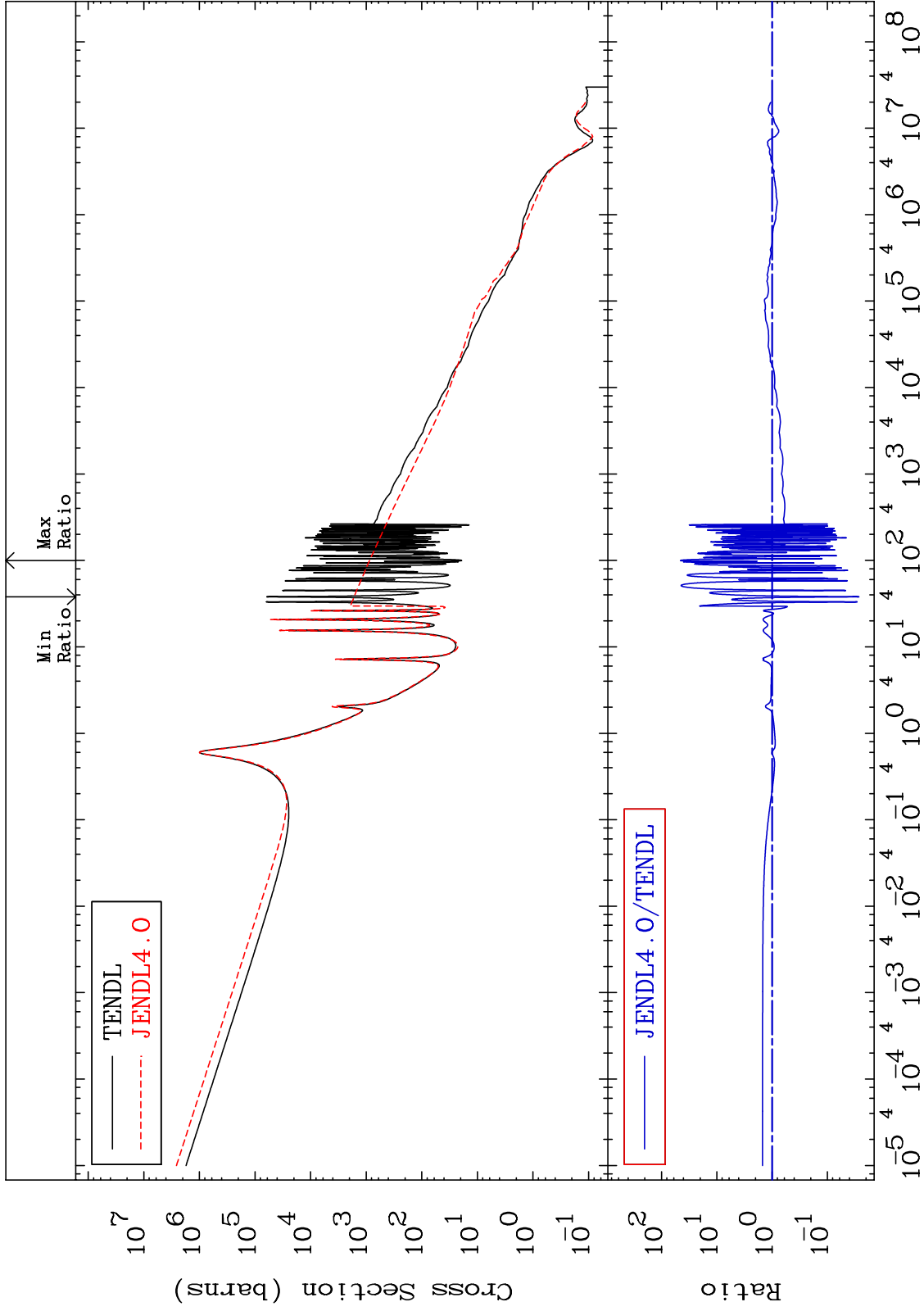
63-Eu-155
70.18 To 9999. %



MAT 6337

Kerma capture (mt102)
Cross Section

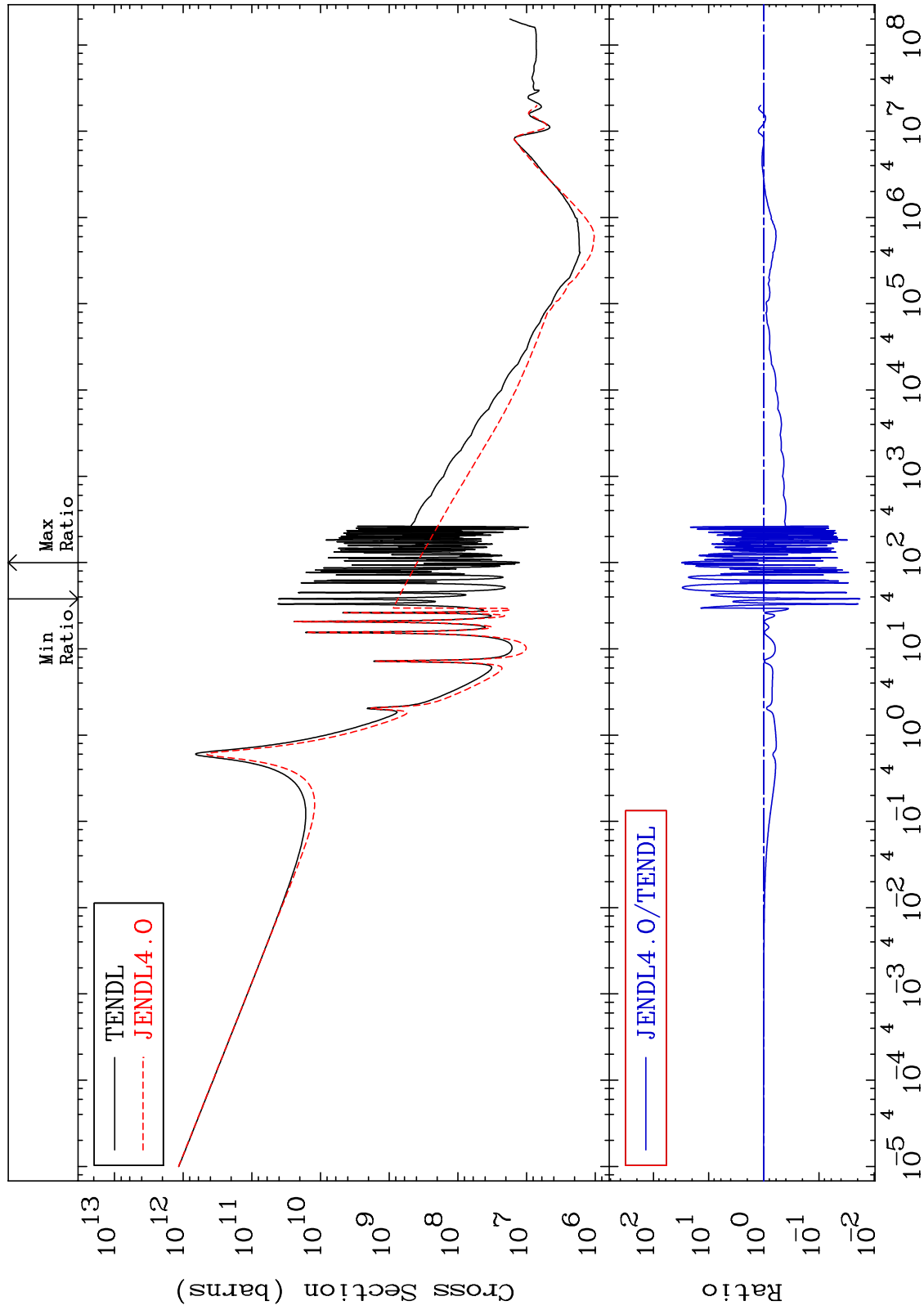
63-Eu-155
-97.31 To 4487. %



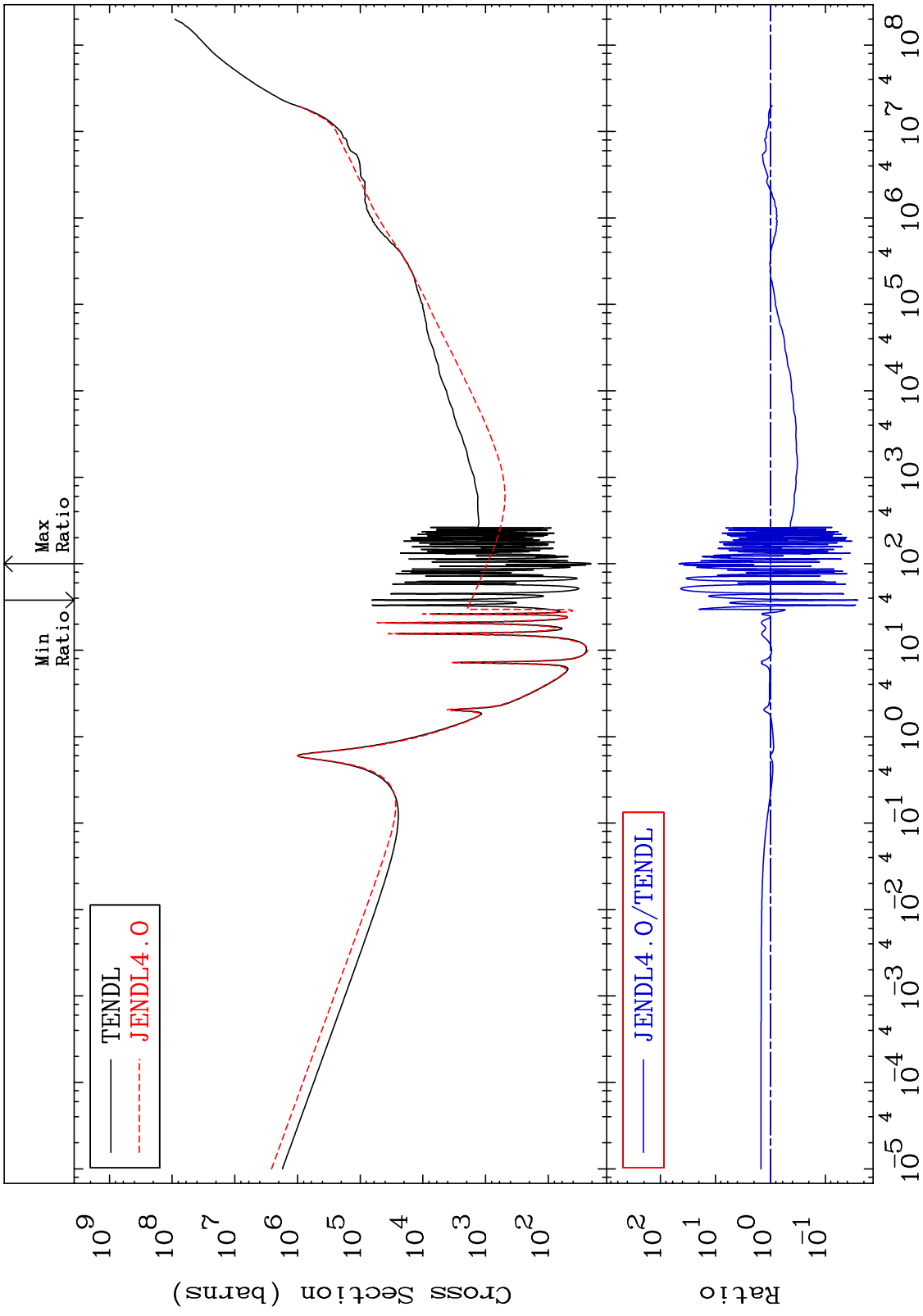
MAT 6337

Total photon (eV-barns)
Cross Section

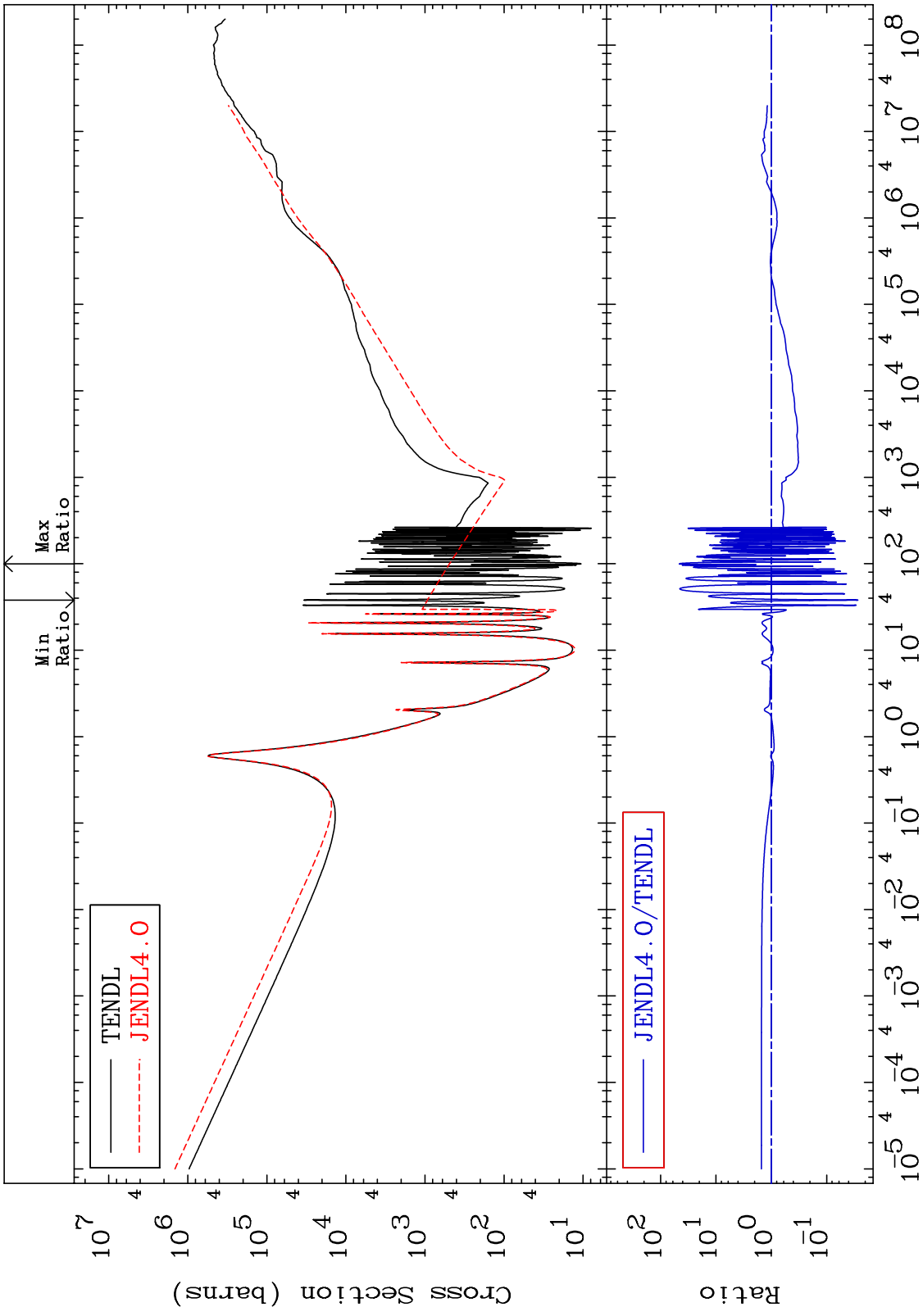
63-Eu-155
-98.18 To 3013. %



MAT 6337 Total kinematic kerma (high limit) 63-Eu-155
 Cross Section -97.42 To 4501. %



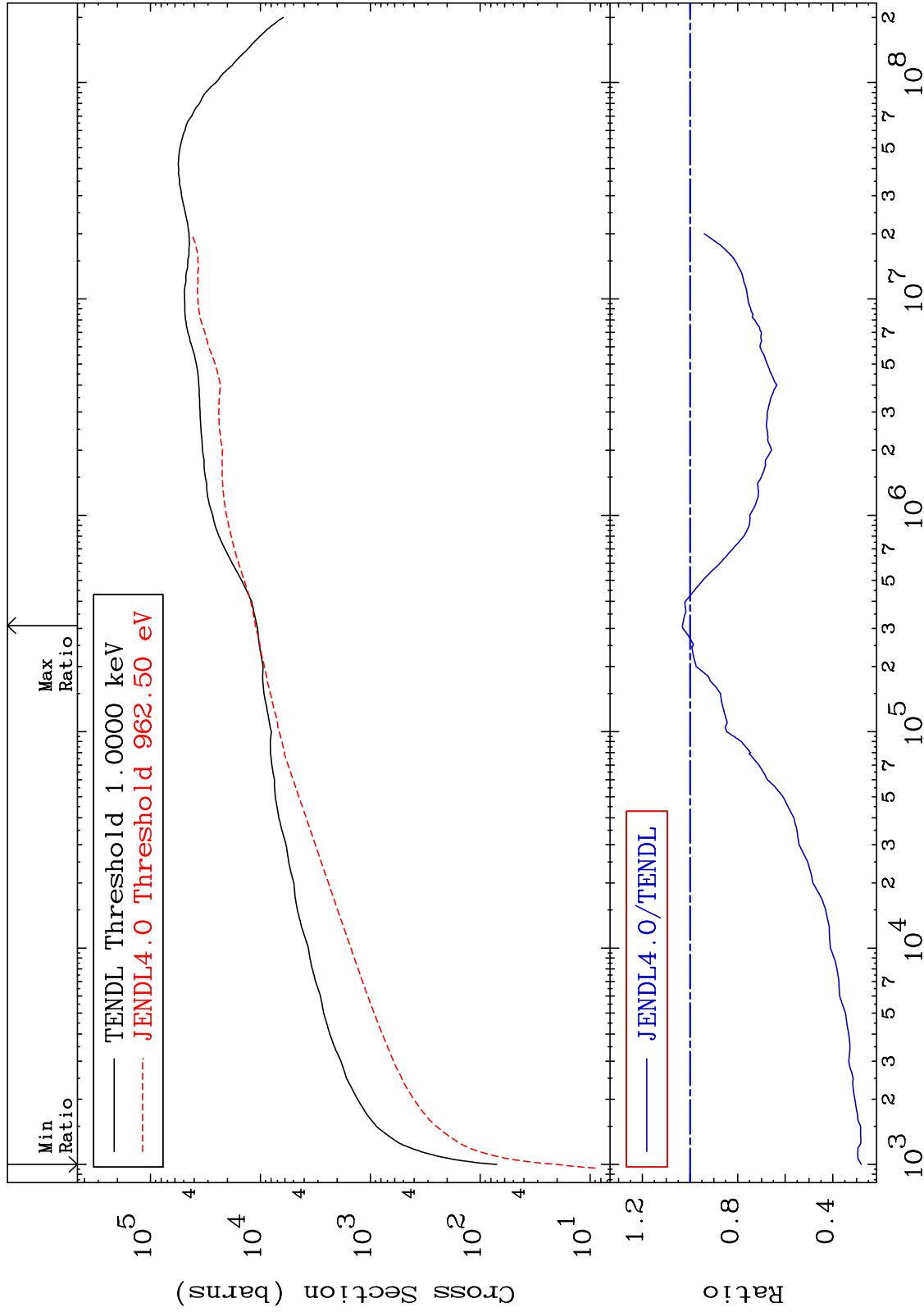
MAT 6337 Dpa total (eV-barns) 63-Eu-155
 Cross Section -97.27 To 4555. %



MAT 6337

Dpa elastic (mt2)
Cross Section

63-Eu-155
-71.94 To 3.186 %



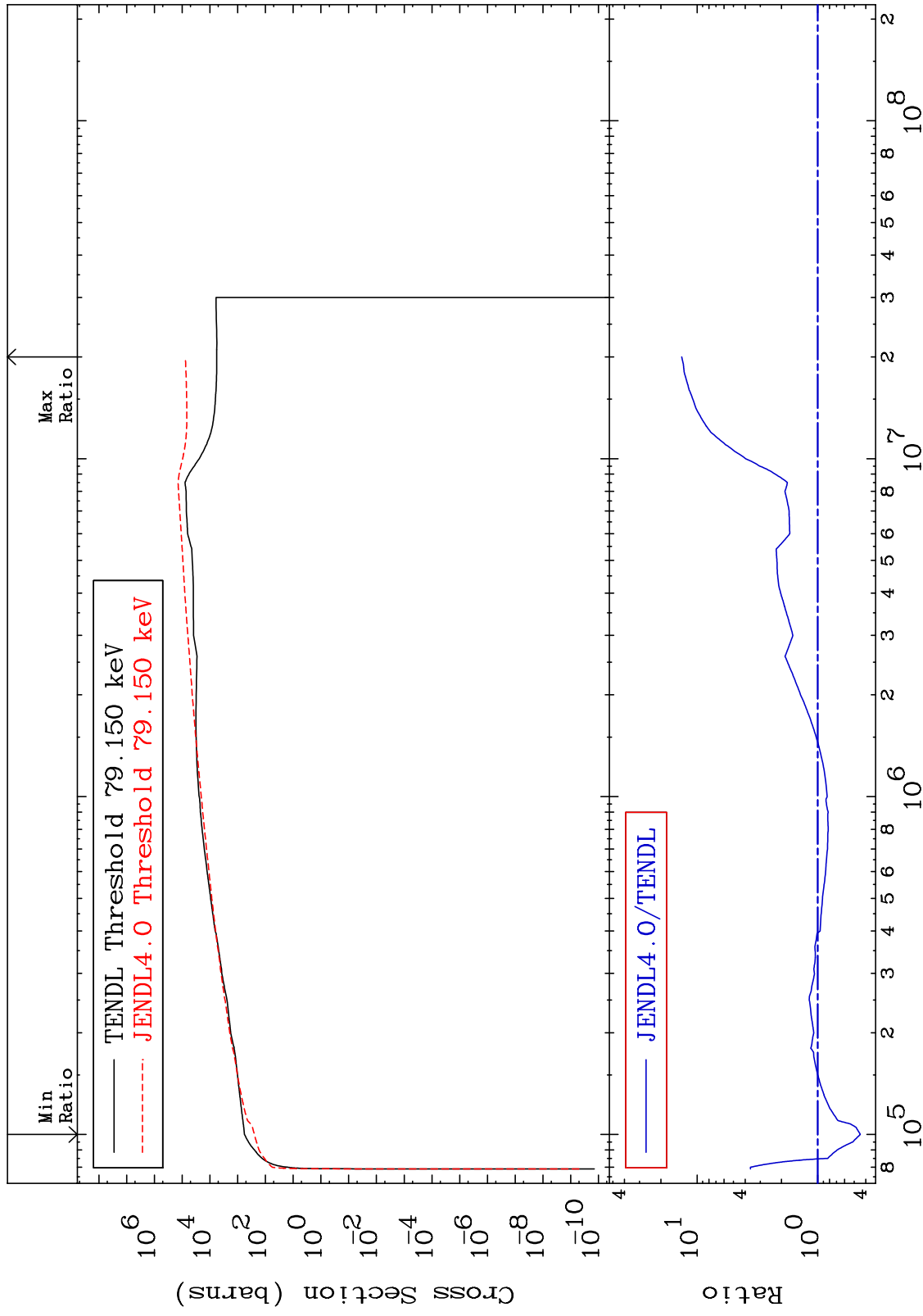
45

63-Eu-155

MAT 6337

Dpa inelastic (mt51-91)
Cross Section

63-Eu-155
-55.61 To 1243. %



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Incident Energy (eV)

63-Eu-155

MAT 6337 Dpa disappearance (mt102 -120) 63-Eu-155
 Cross Section -97.27 To 4555. %

