

Program Complot
(Version 2018-1)

by

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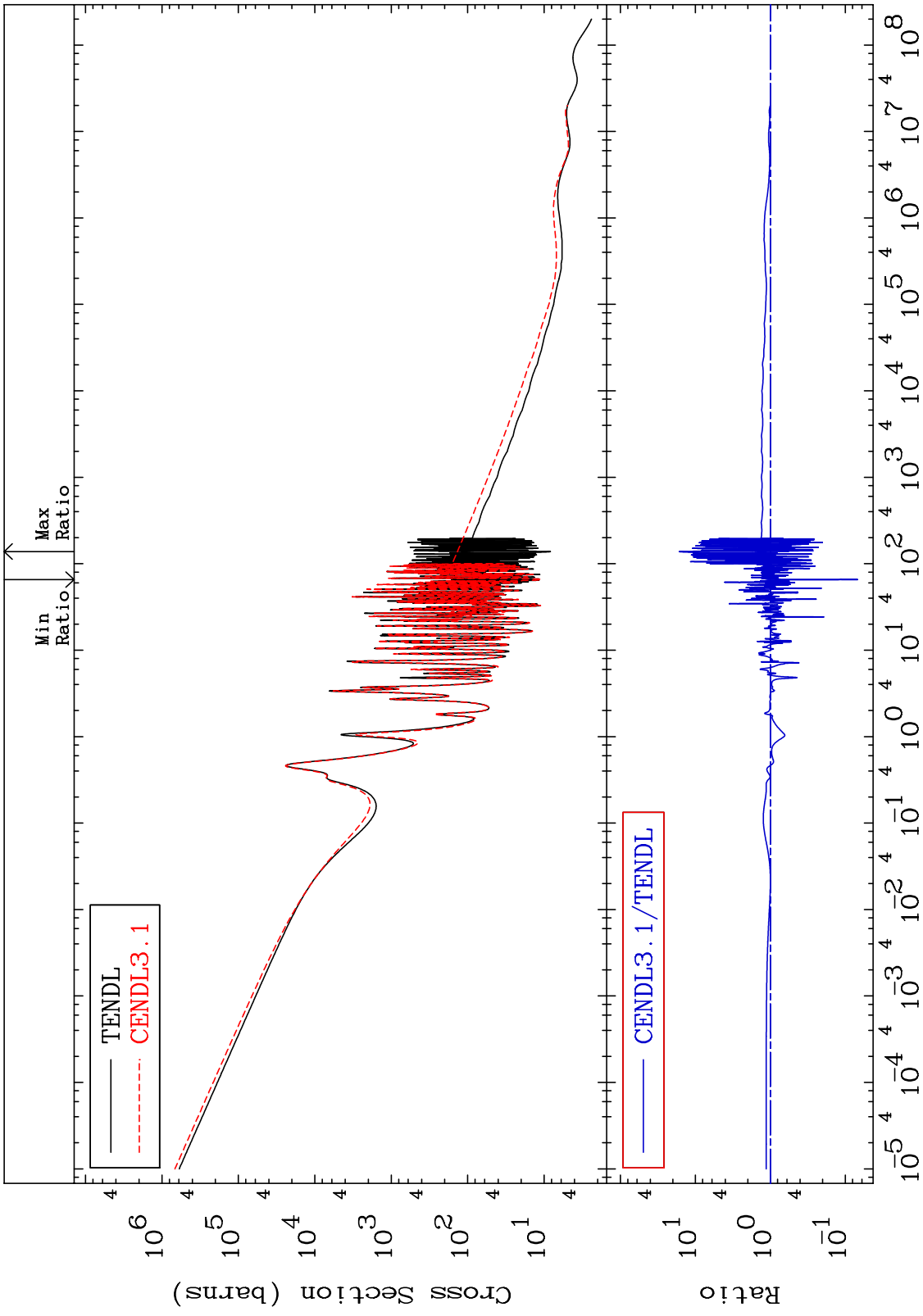
U.S.A.

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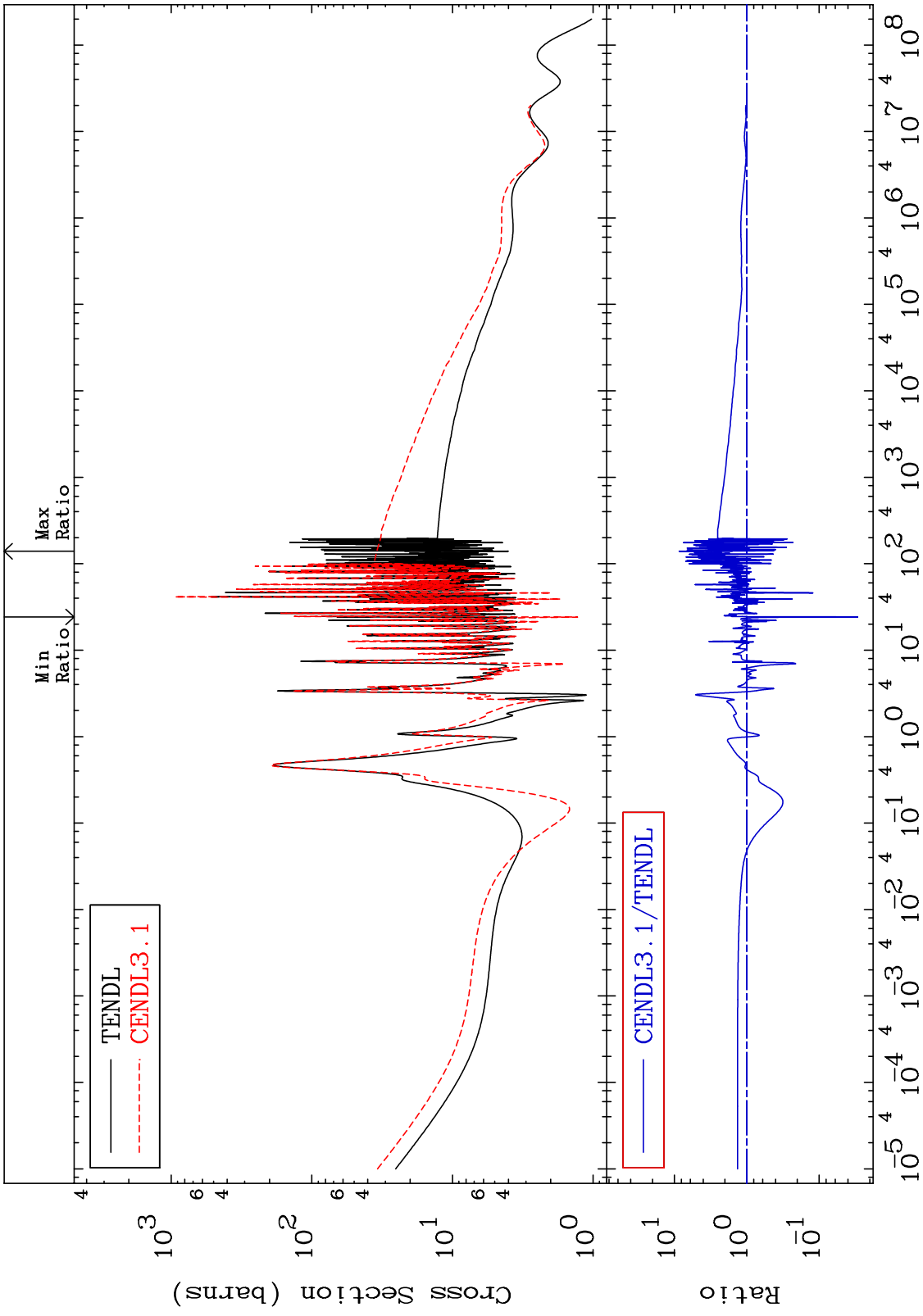
Press Mouse Button to Start

MAT 6325 63-Eu-151
Total Cross Section -93.21 To 1553. %



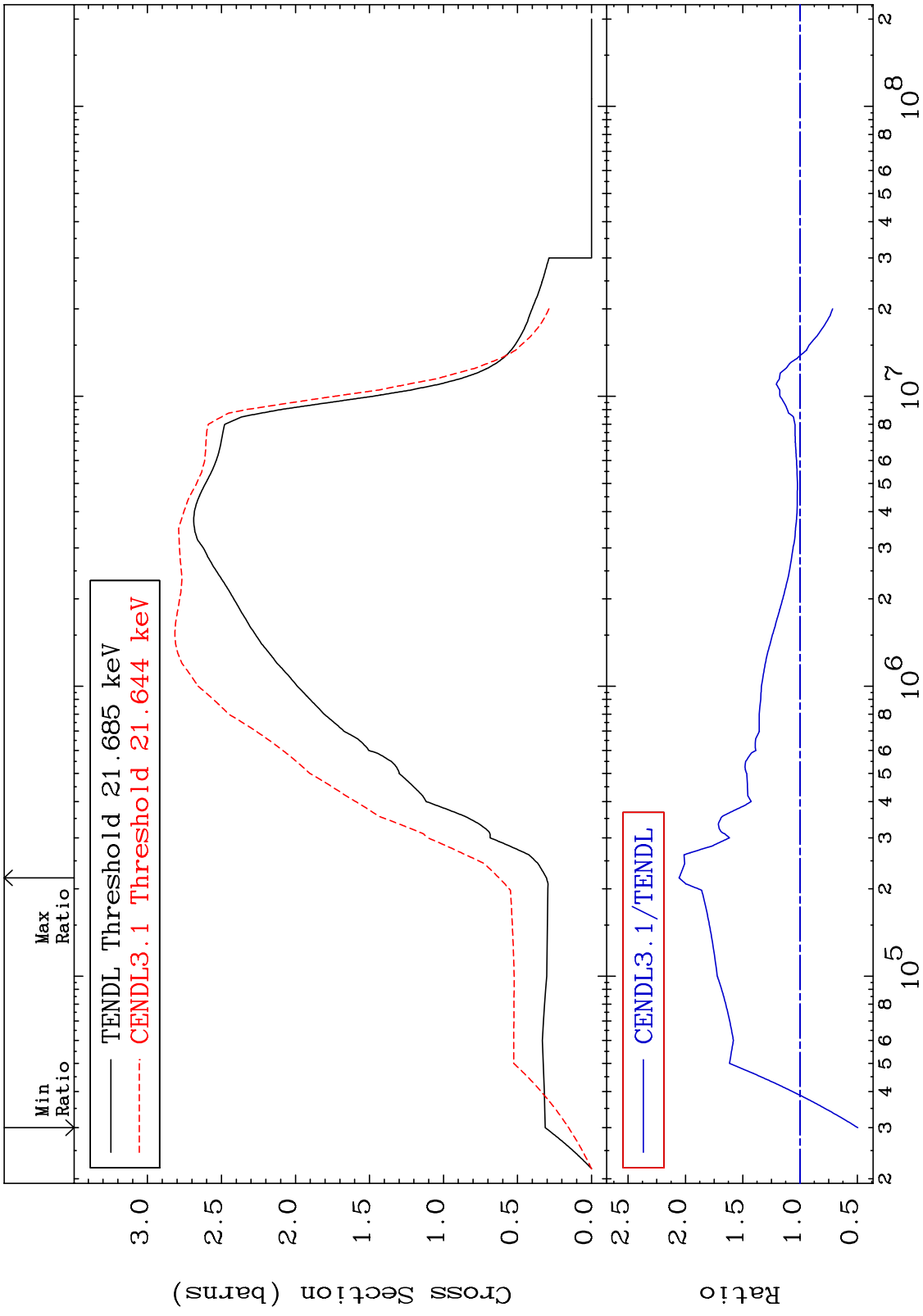
1 63-Eu-151

MAT 6325 Elastic Cross Section 63-Eu-151 -97.08 To 761.0 %

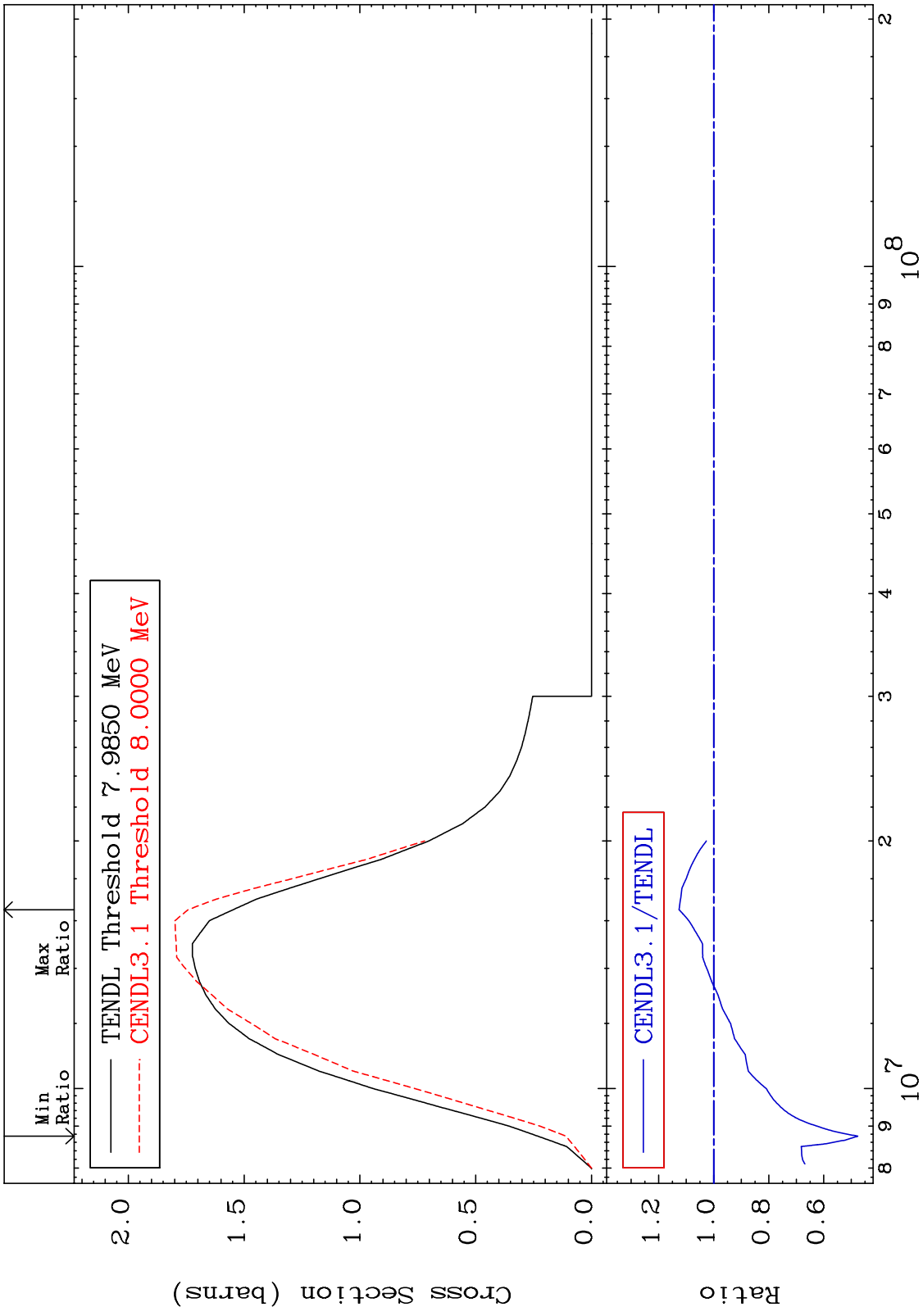


2 63-Eu-151

MAT 6325 Inelastic Cross Section 63-Eu-151 -50.42 To 105.6 %

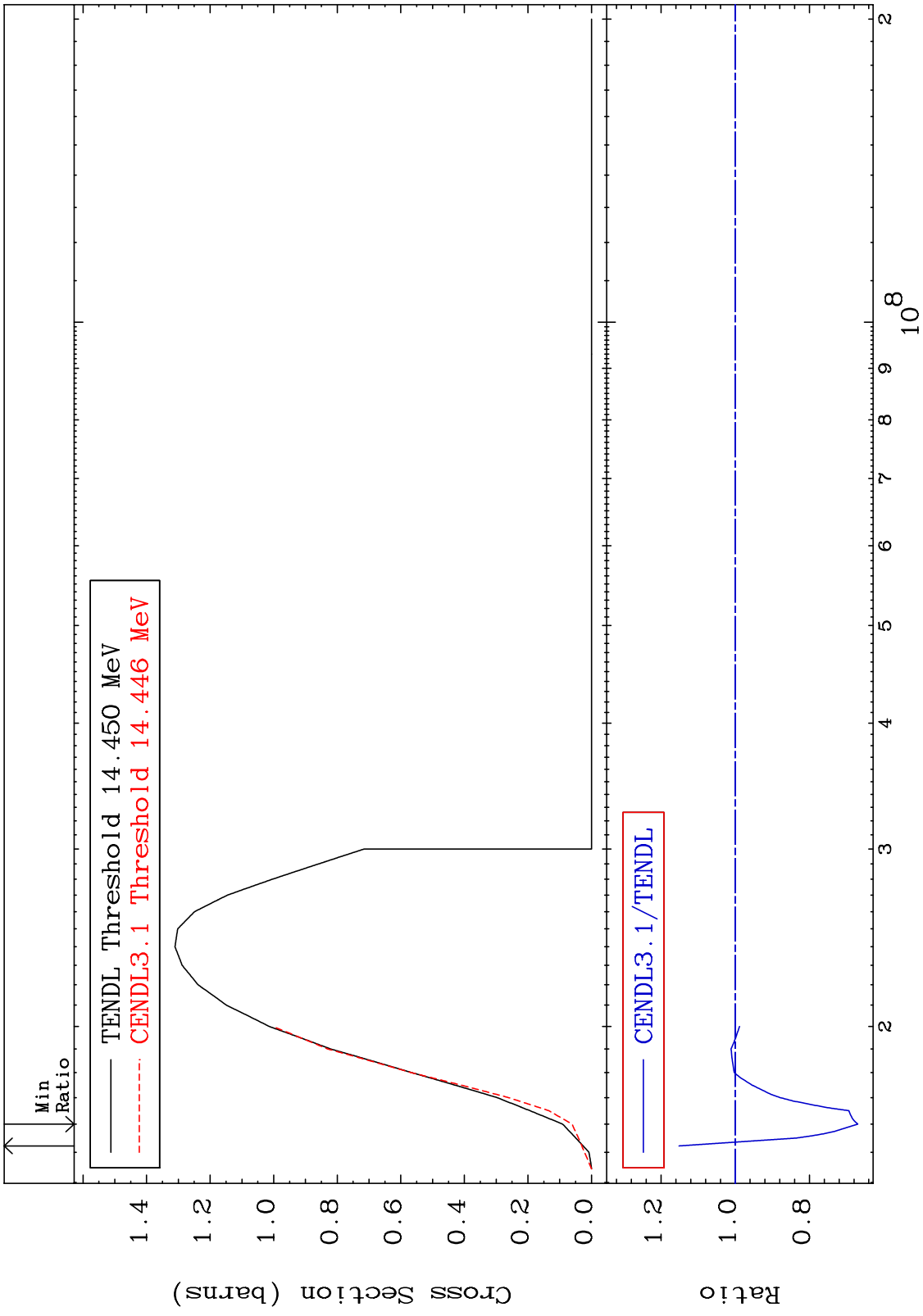


MAT 6325 (n,2n) 63-Eu-151
 Cross Section -52.36 To 12.57 %

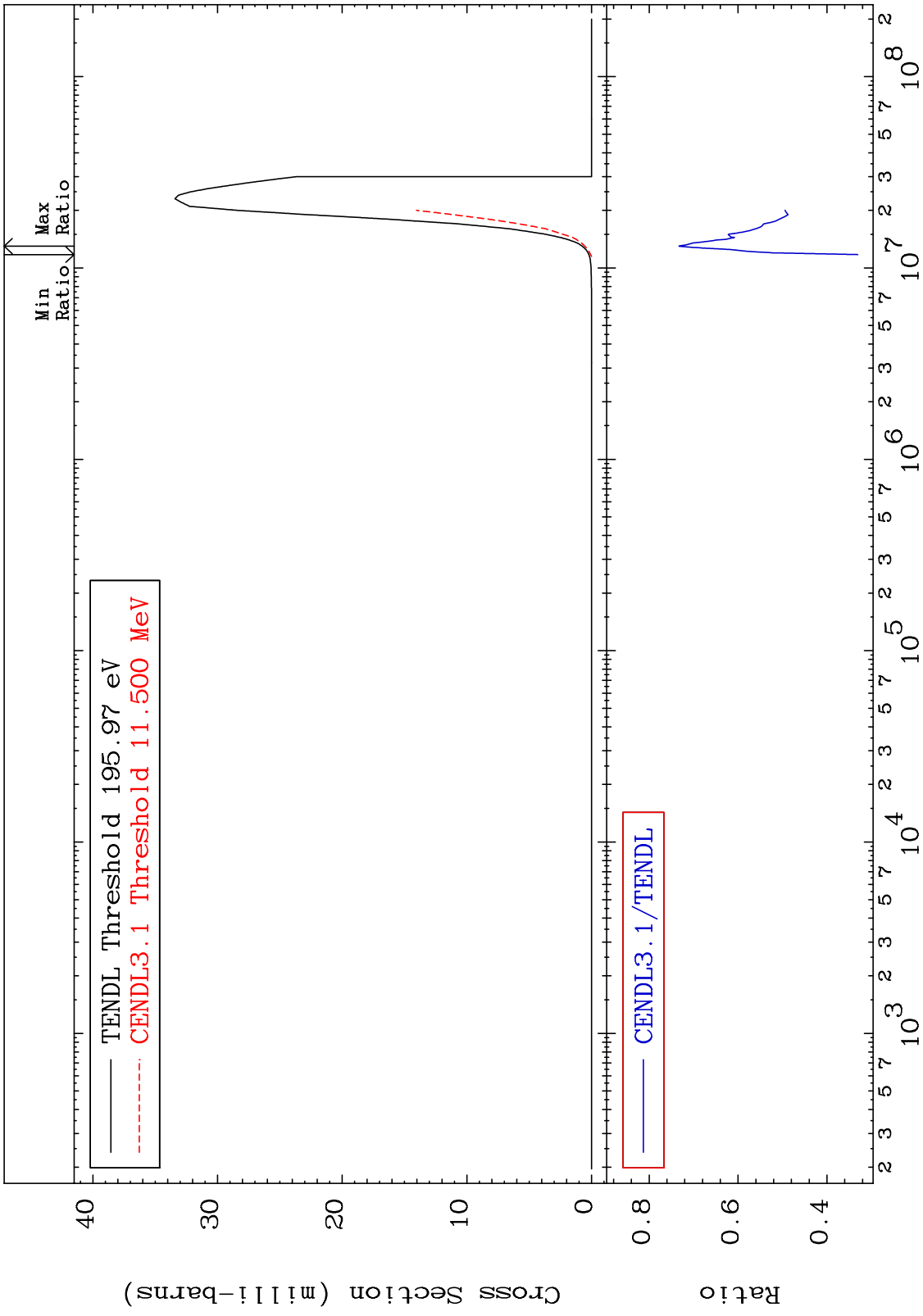


4 Incident Energy (eV) 63-Eu-151

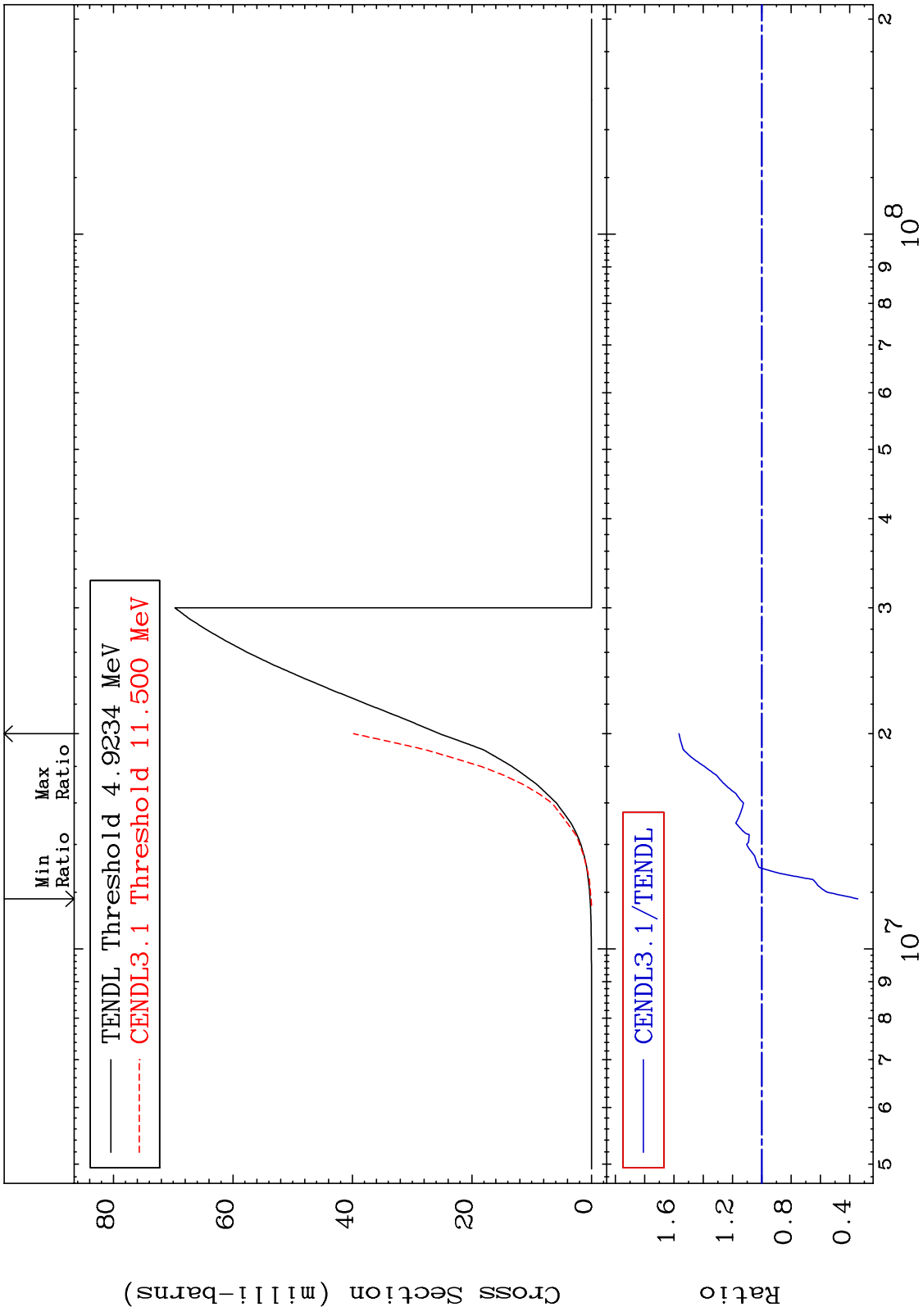
MAT 6325 (n,3n) Cross Section 63-Eu-151 -33.04 To 15.15 %



MAT 6325 $(n, n') \alpha$ Cross Section $^{63}\text{Eu}-151$ $-66.95 \text{ To } -26.73\%$

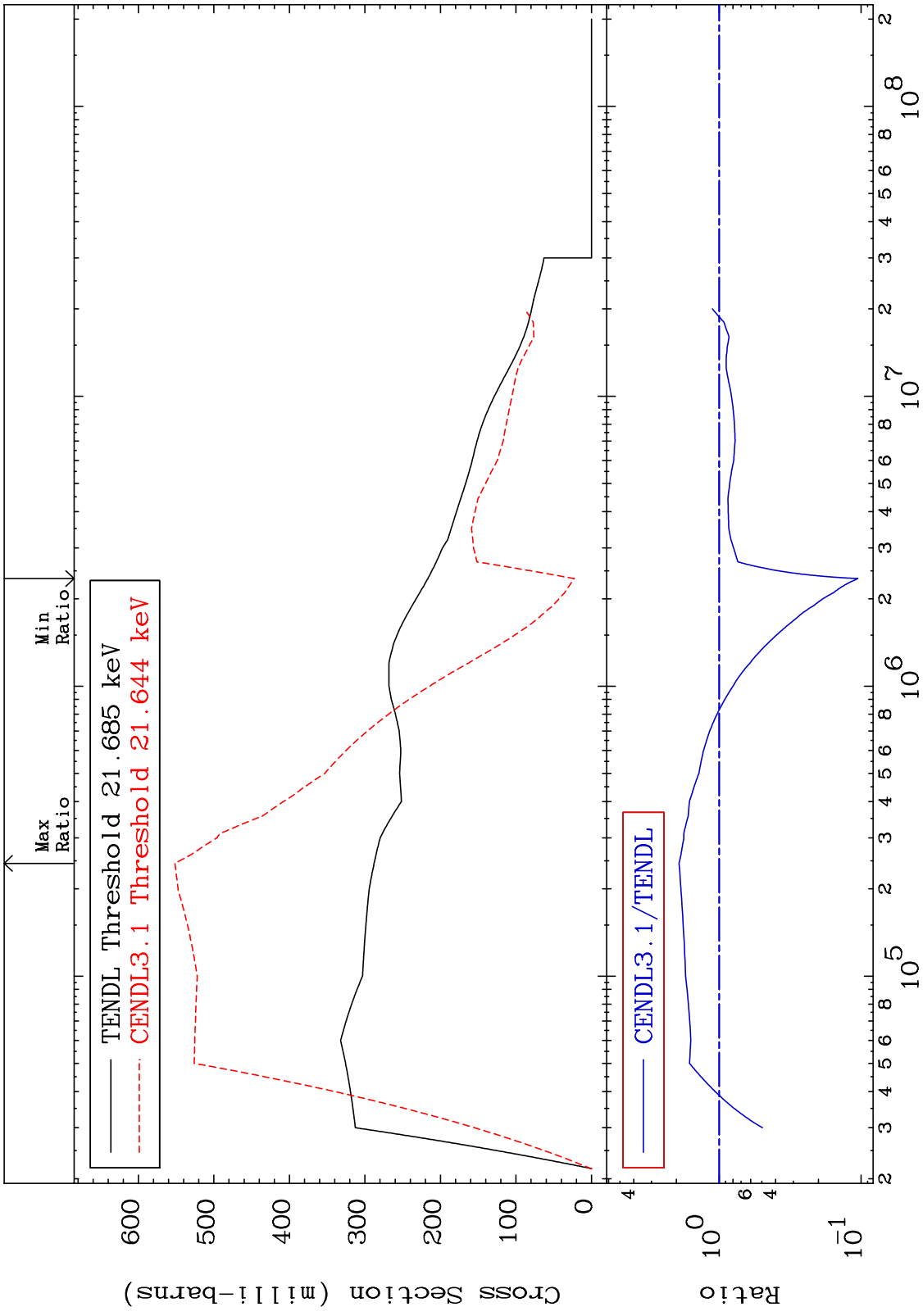


MAT 6325 (n, n') p $^{63}\text{Eu}-151$
 Cross Section -65.62 To 56.50 %

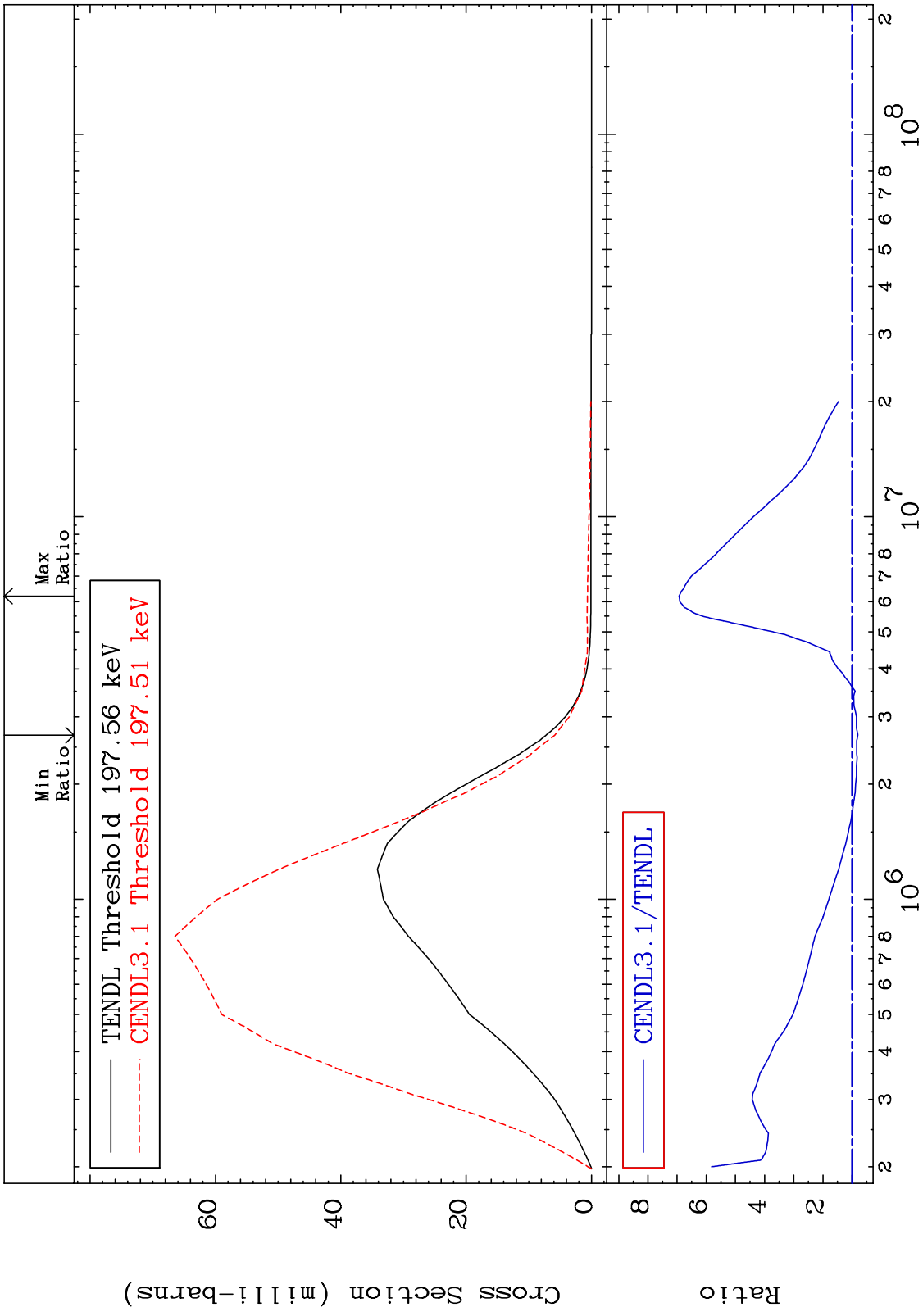


7 $^{63}\text{Eu}-151$

MAT 6325 MT= 51 (n,n') Level Cross Section 63-Eu-151 -89.46 To 91.62 %

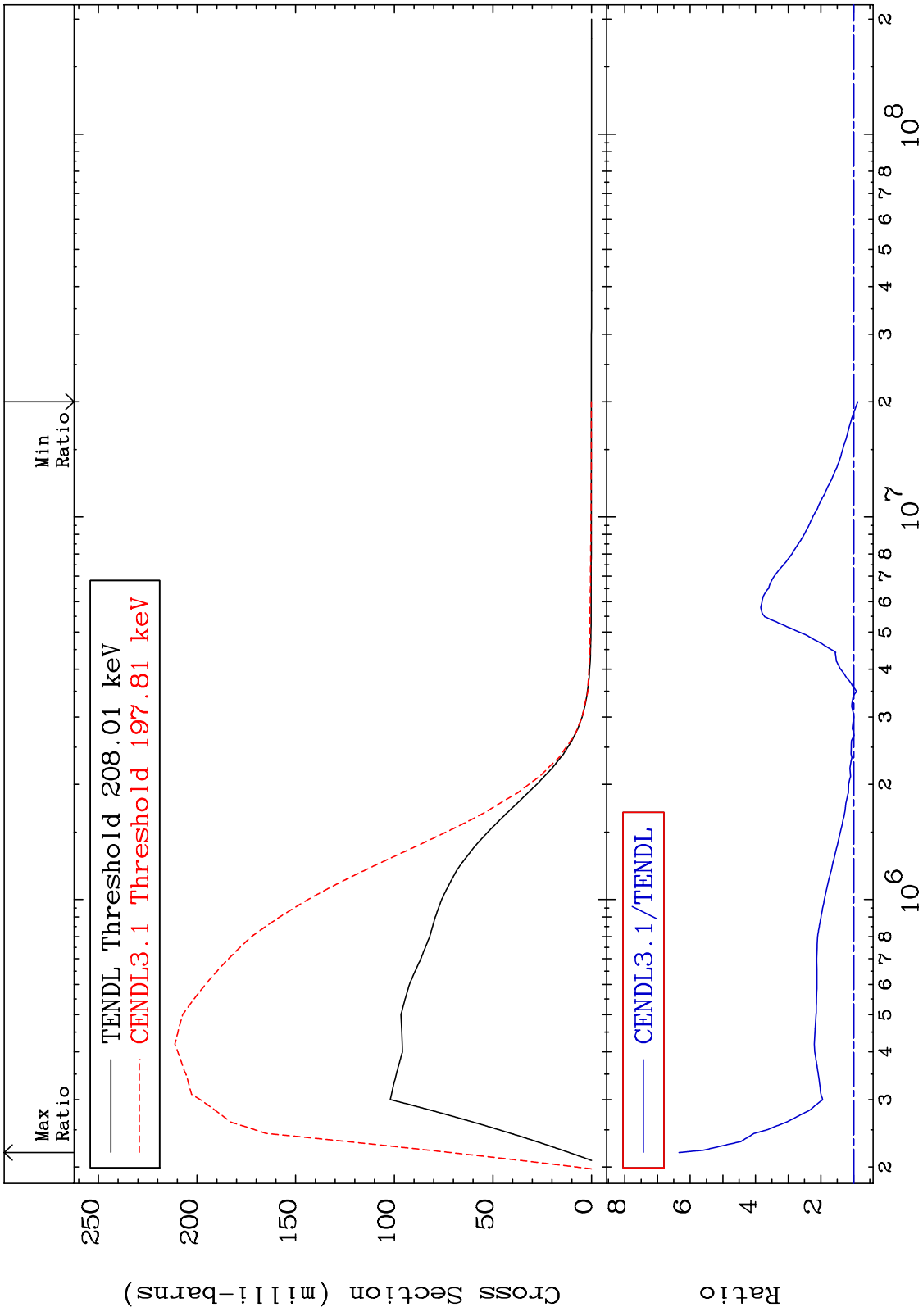


MAT 6325 MT= 52 (n,n') Level Cross Section 63-Eu-151
 -19.65 To 593.4 %



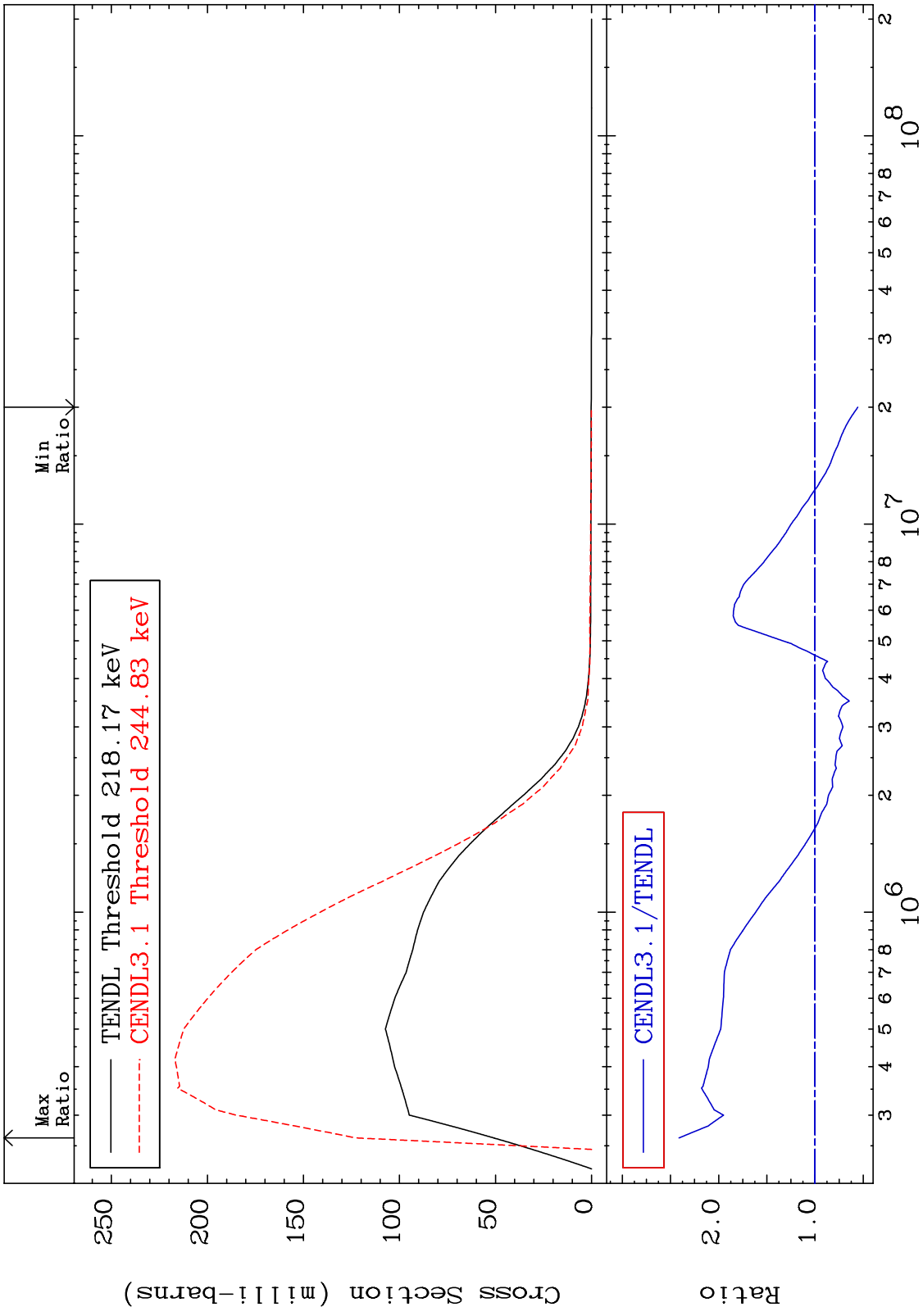
9 Incident Energy (eV) 63-Eu-151

MAT 6325 MT= 53 (n,n') Level Cross Section 63-Eu-151
 -13.15 To 534.0 %

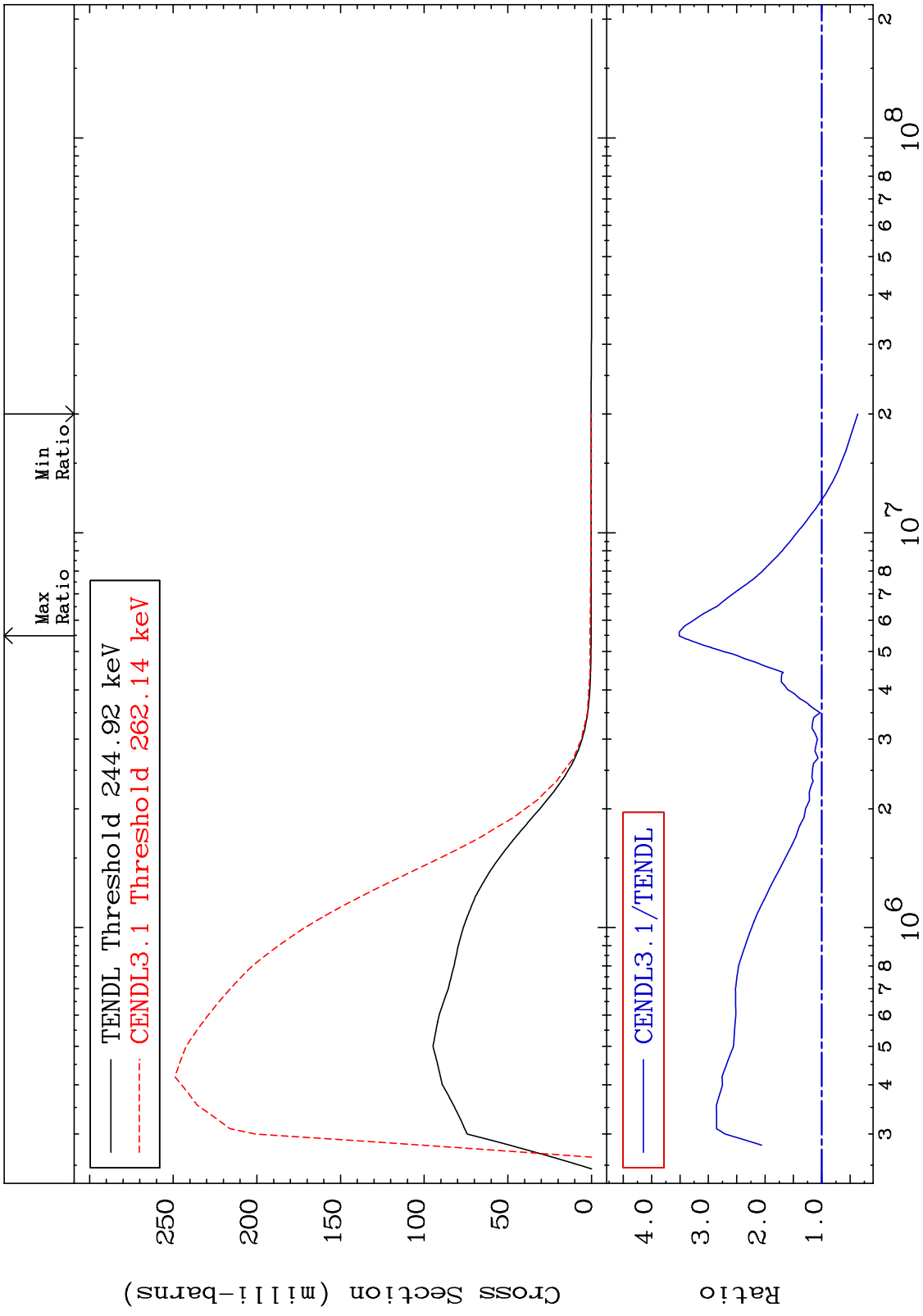


10 63-Eu-151

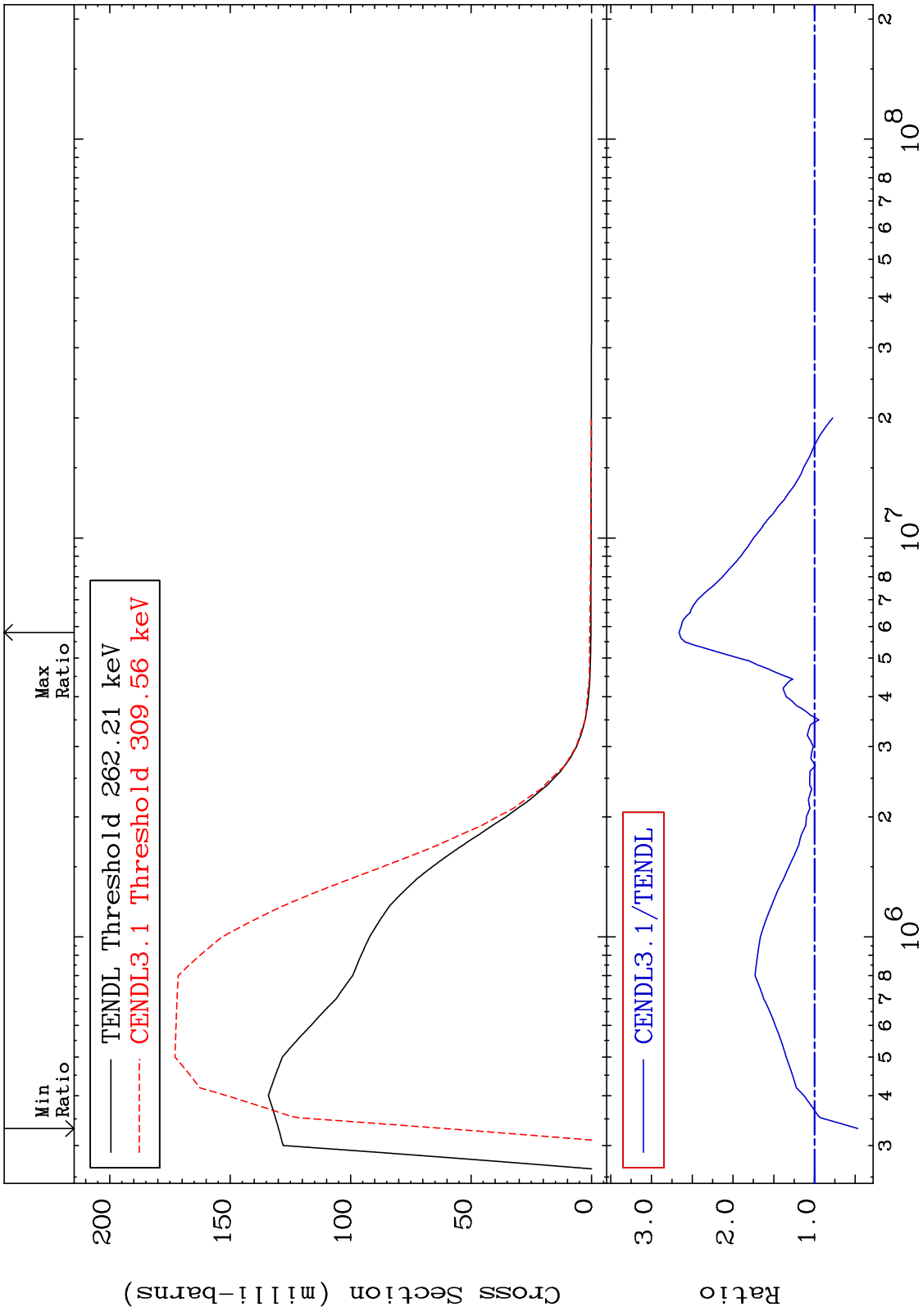
MAT 6325 MT= 54 (n,n') Level Cross Section 63-Eu-151
 -44.43 To 141.1 %



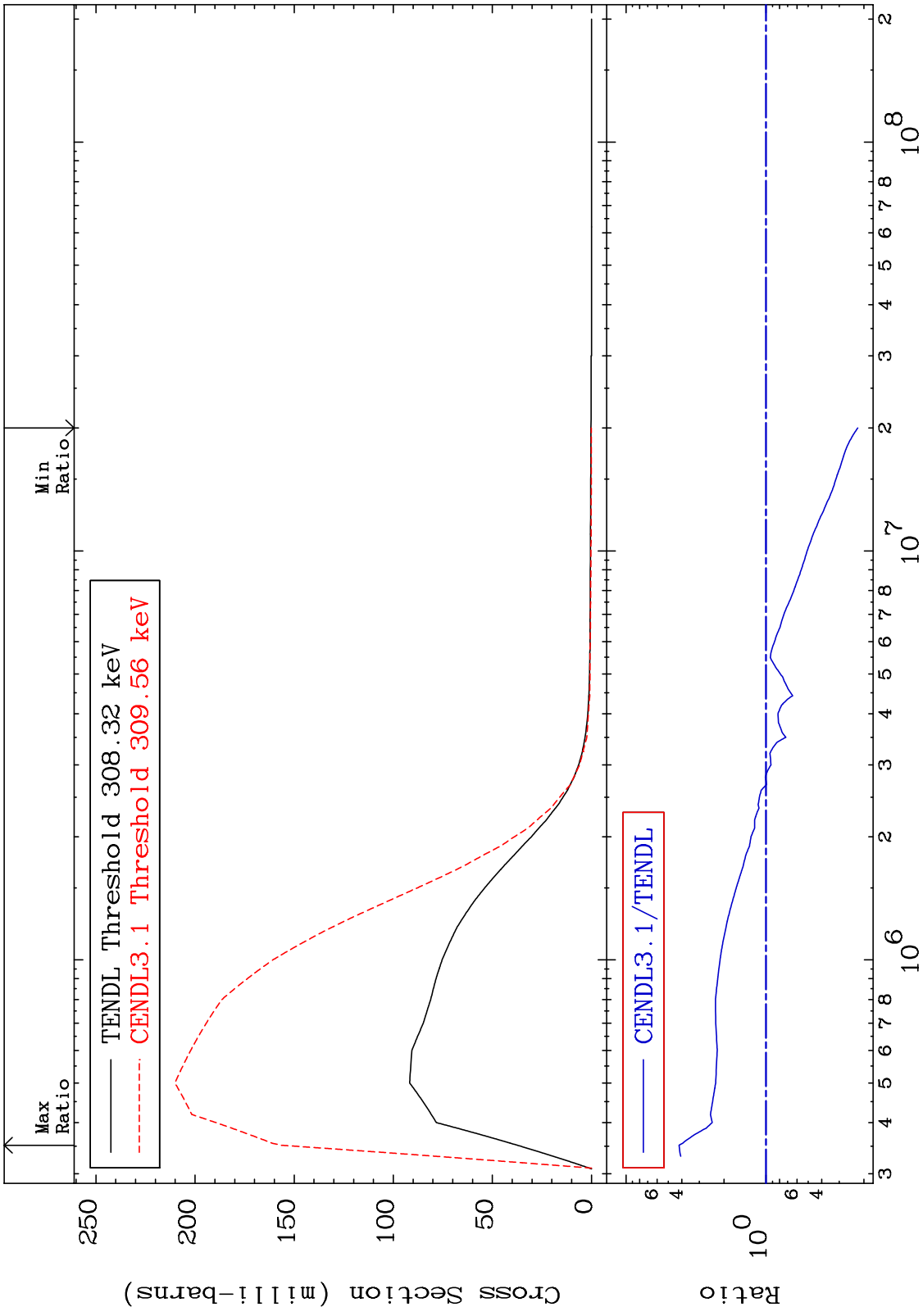
MAT 6325 MT= 55 (n,n') Level Cross Section 63-Eu-151
 -63.60 To 251.6 %



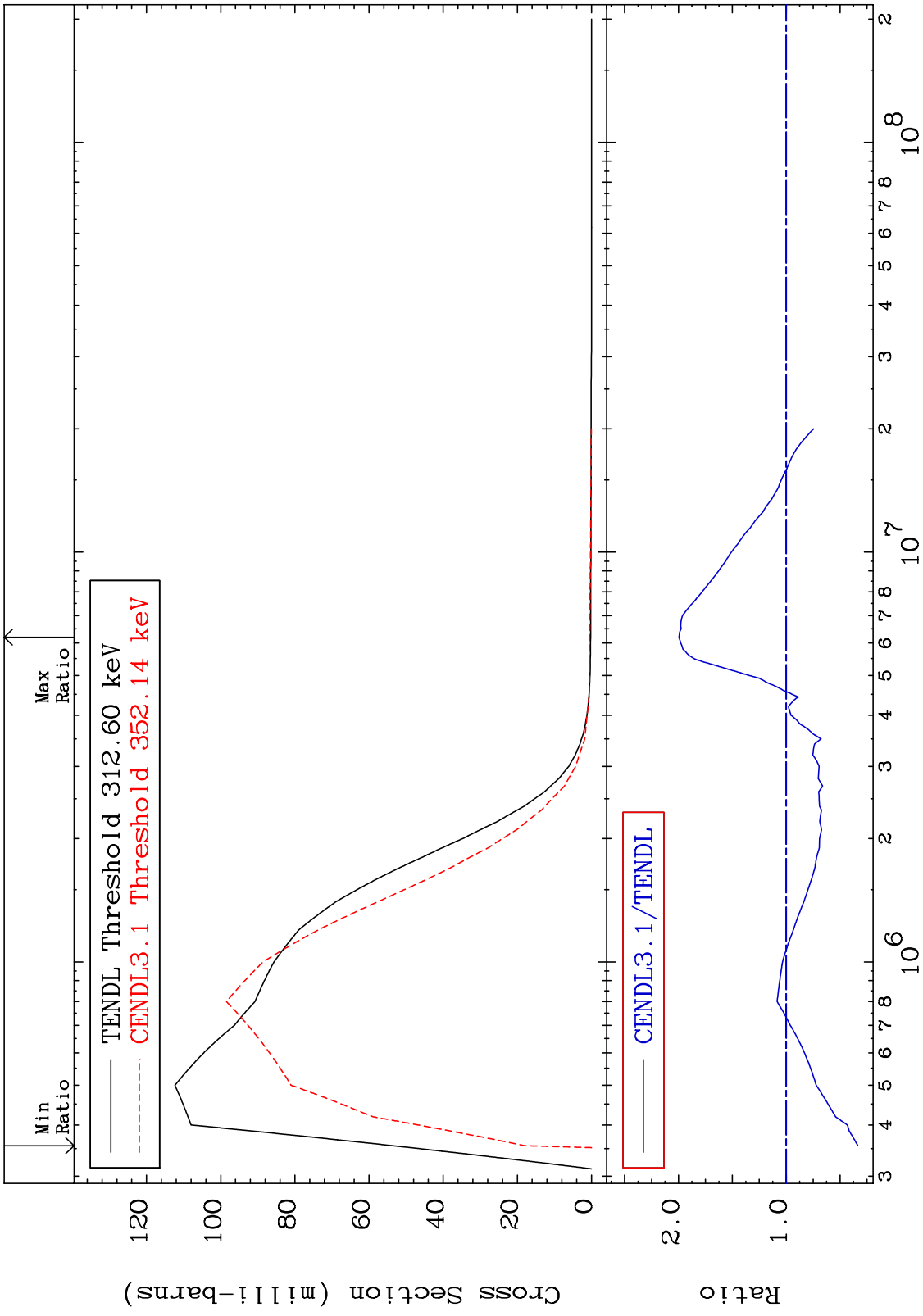
MAT 6325 MT= 56 (n,n') Level Cross Section 63-Eu-151 -53.16 To 166.2 %



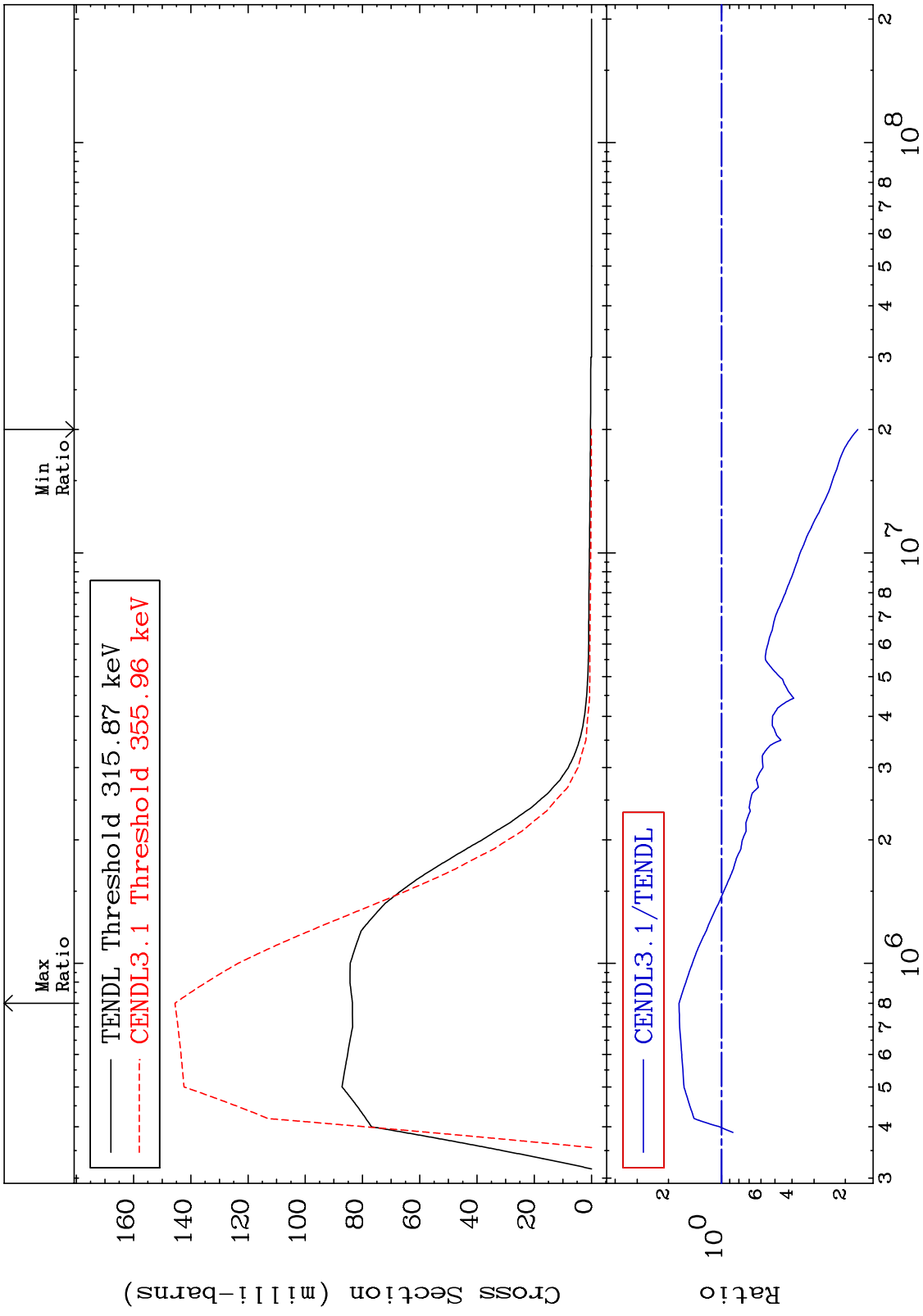
MAT 6325 MT= 57 (n,n') Level Cross Section -77.91 To 318.4 % 63-Eu-151



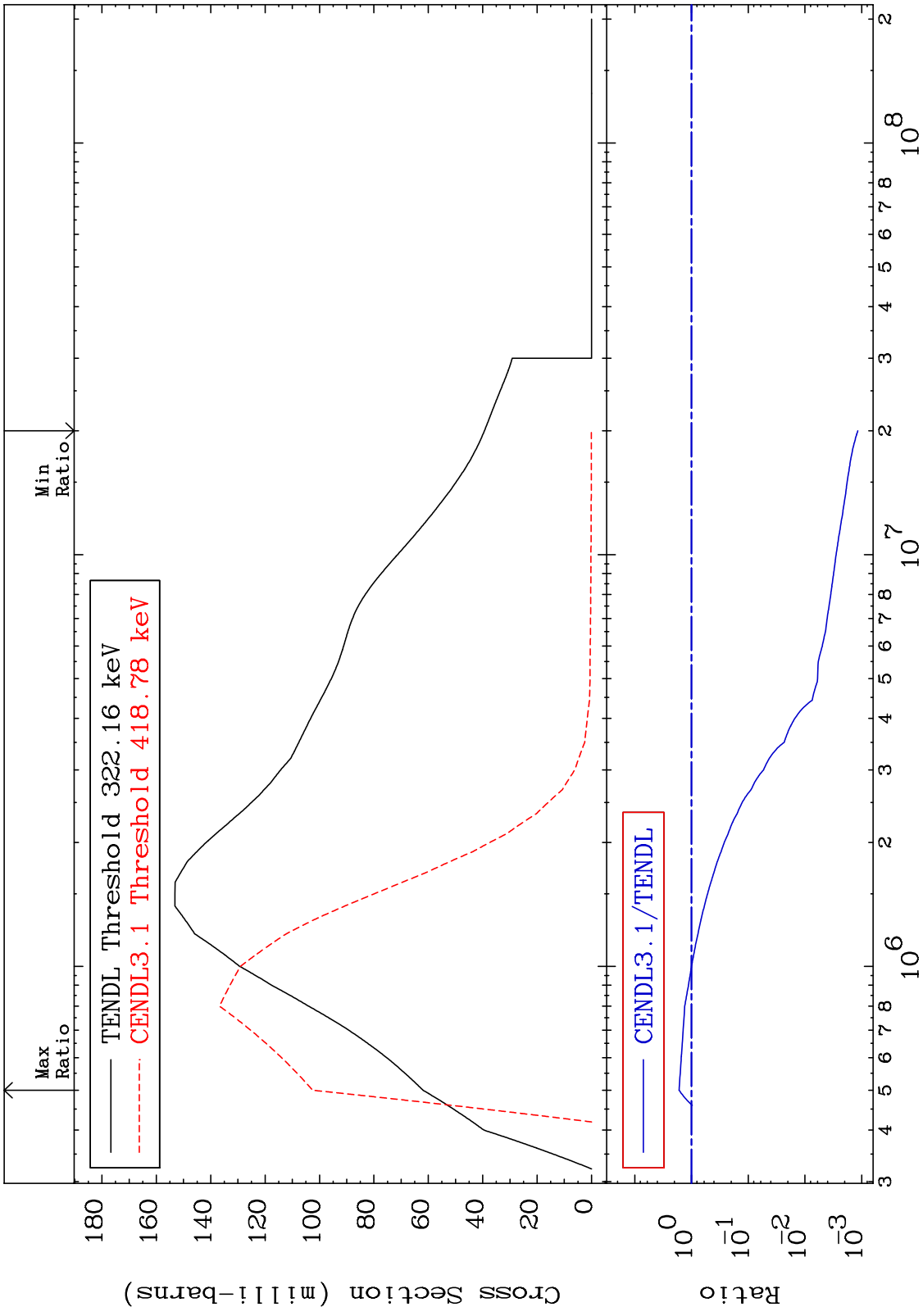
MAT 6325 MT= 58 (n,n') Level Cross Section 63-Eu-151
 -66.50 To 99.49 %



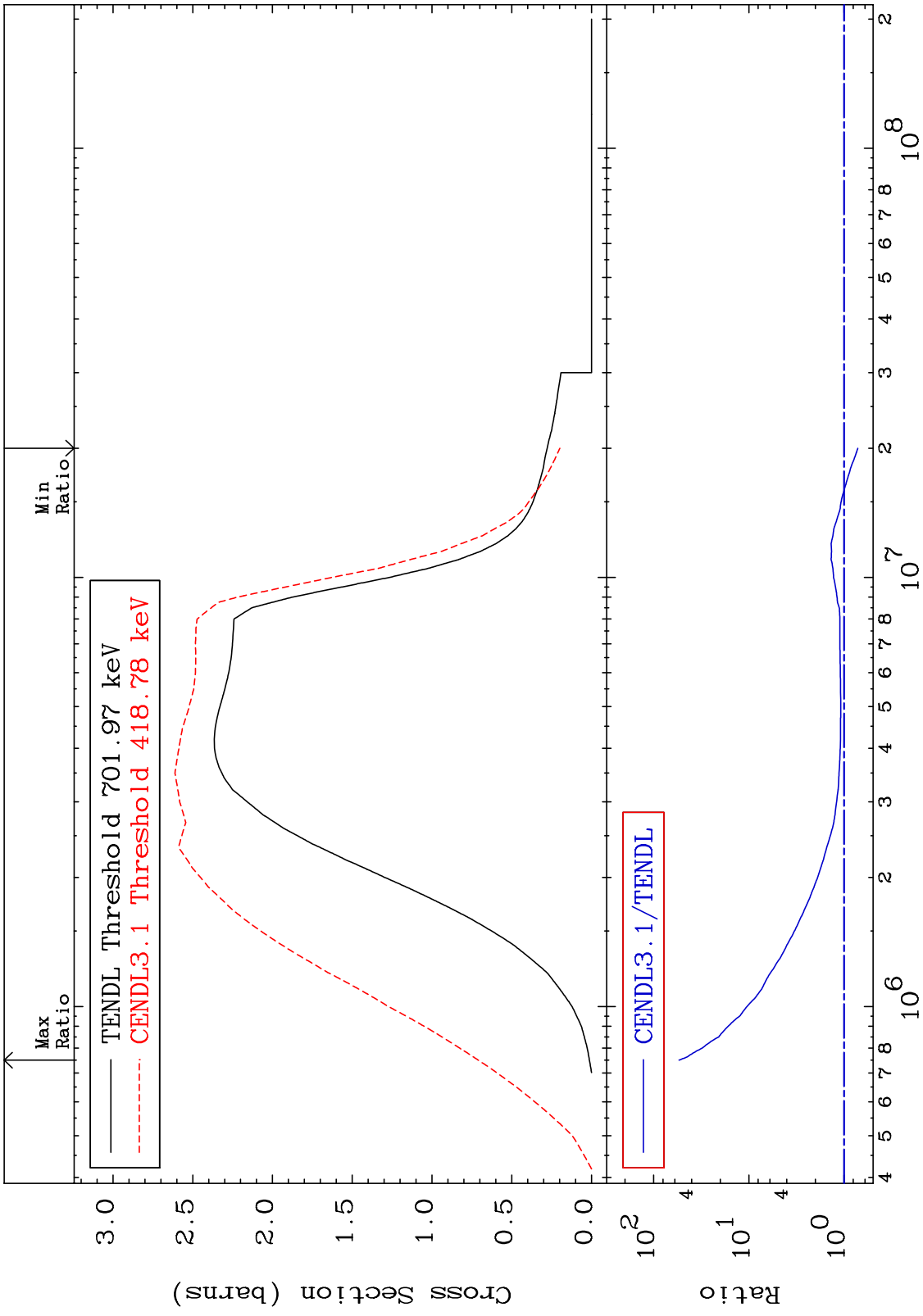
MAT 6325 MT= 59 (n,n') Level Cross Section 63-Eu-151
 -83.01 To 74.25 %



MAT 6325 MT= 60 (n,n') Level Cross Section 63-Eu-151 -99.88 To 65.57 %



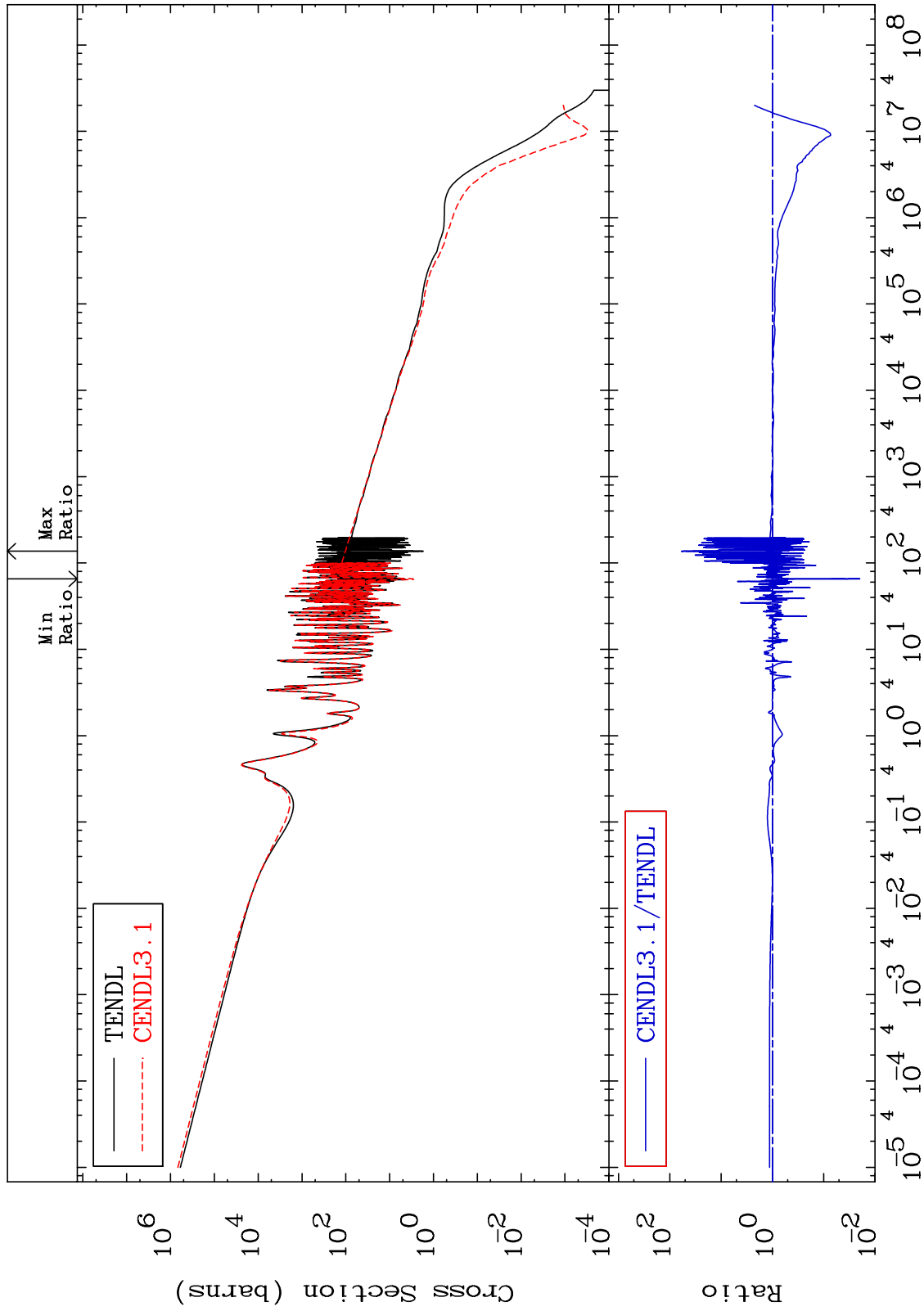
MAT 6325 (n,n') Continuum Cross Section 63-Eu-151 -28.53 To 5315. %

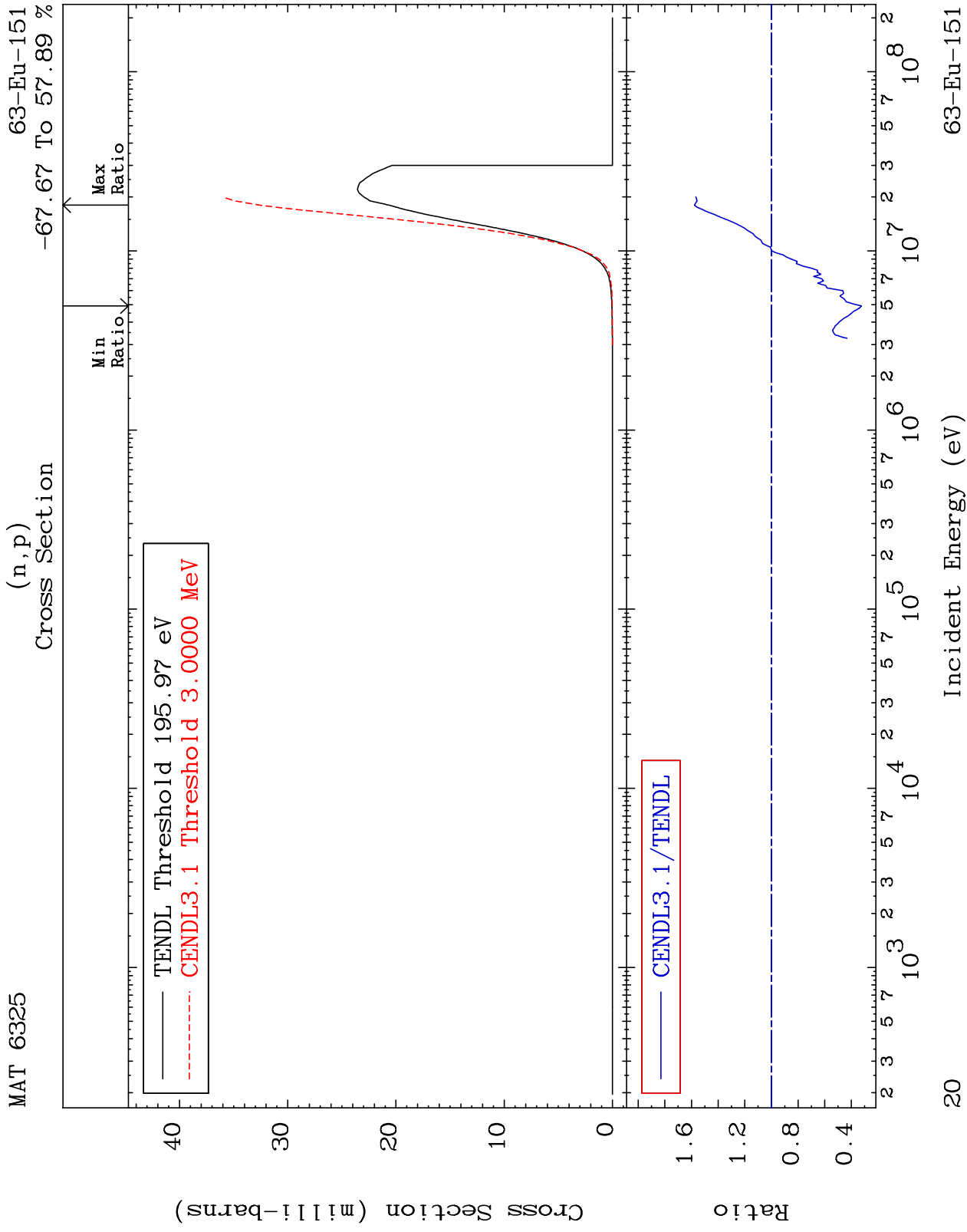


MAT 6325

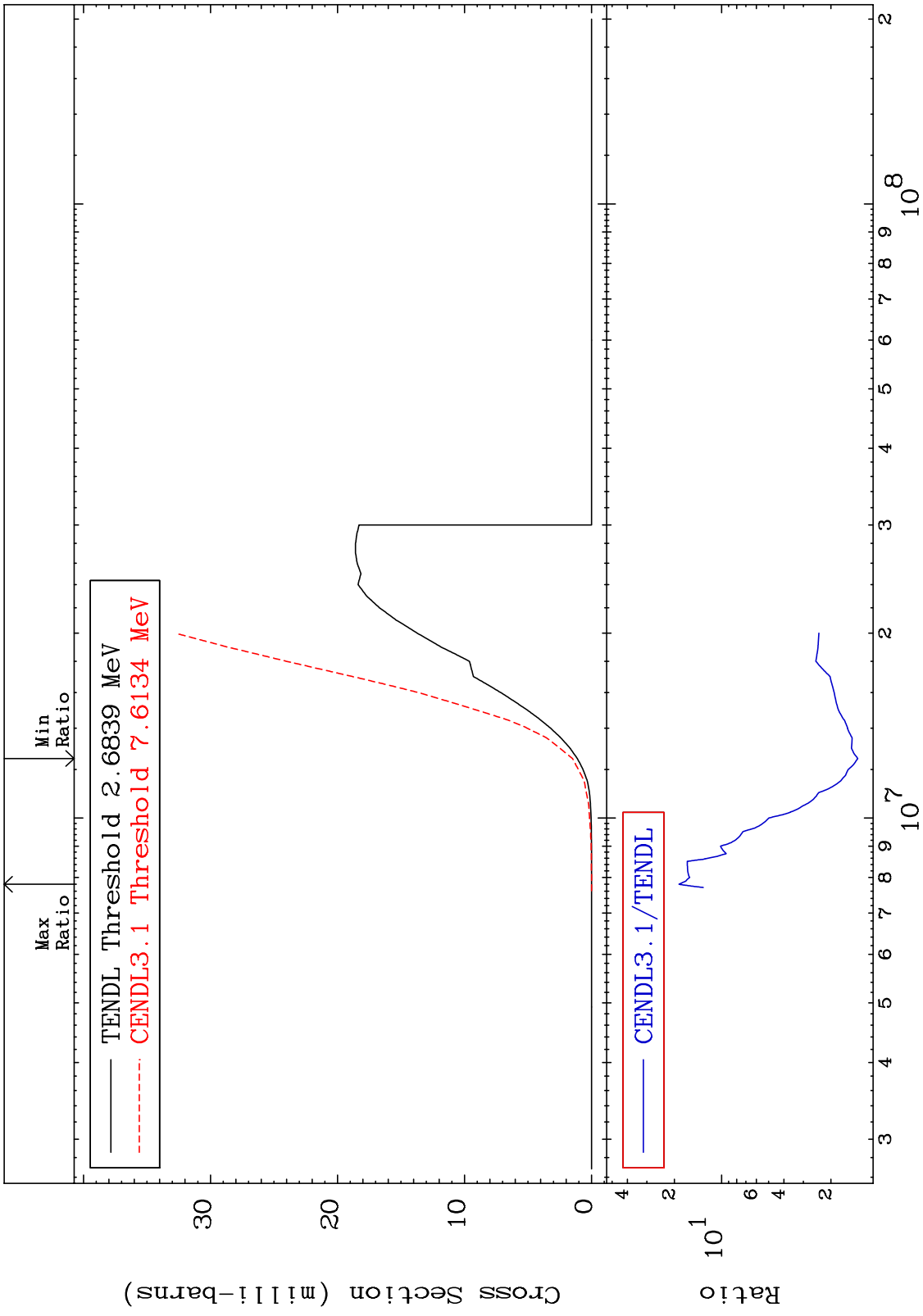
(n, γ)
Cross Section

63-Eu-151
-98.03 To 5870. %

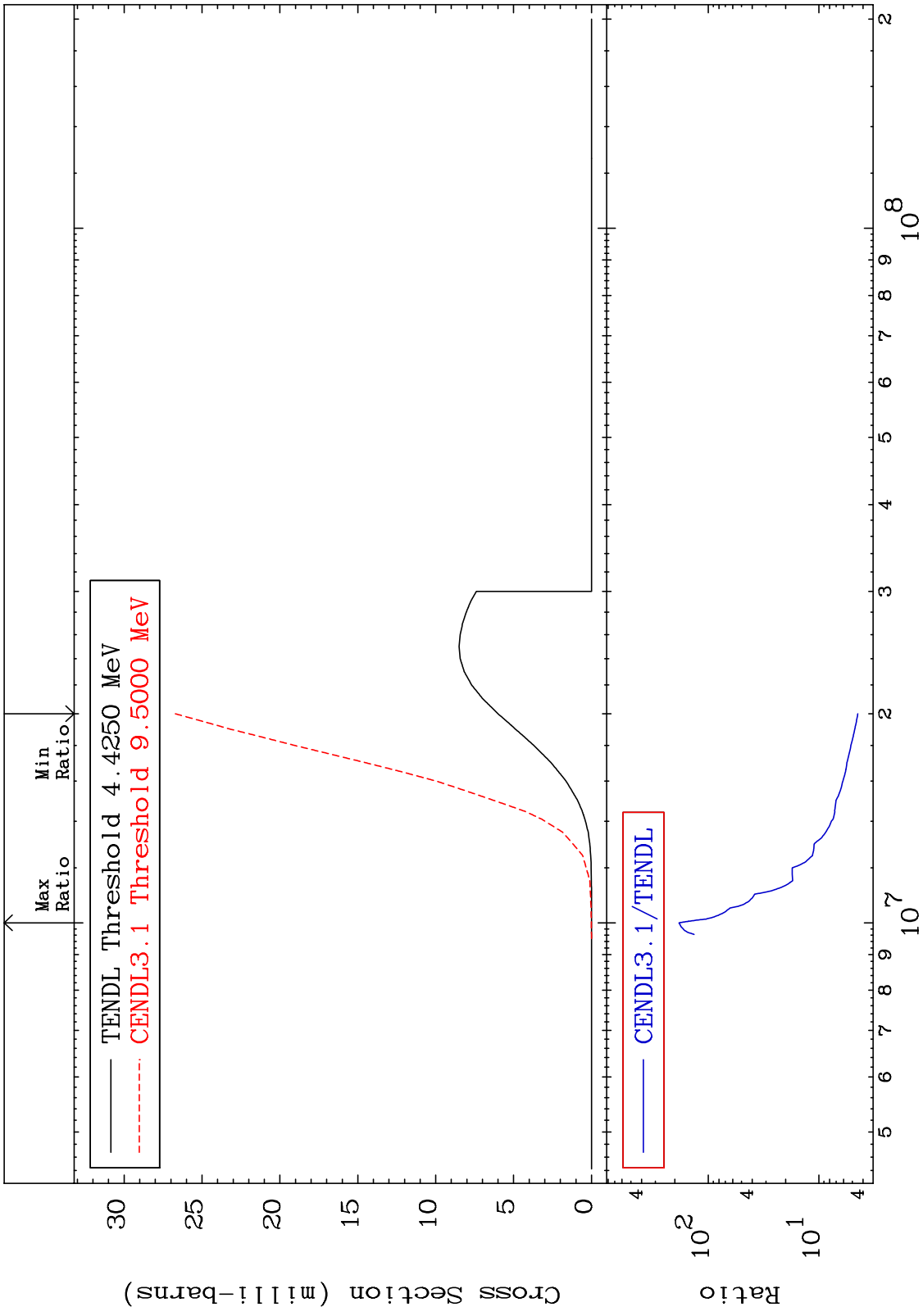


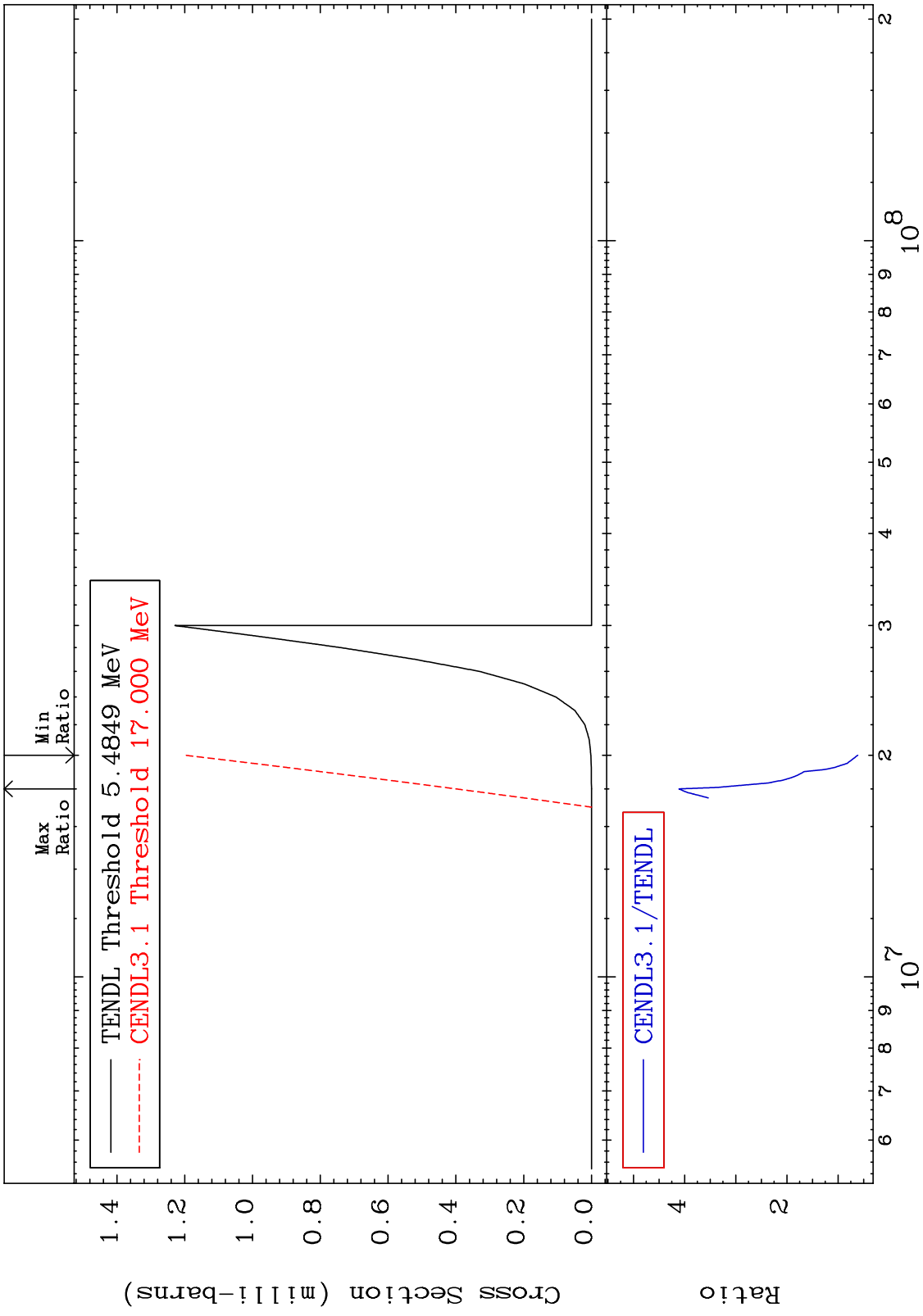


MAT 6325 (n,d) Cross Section 63-Eu-151 34.67 To 1768. %

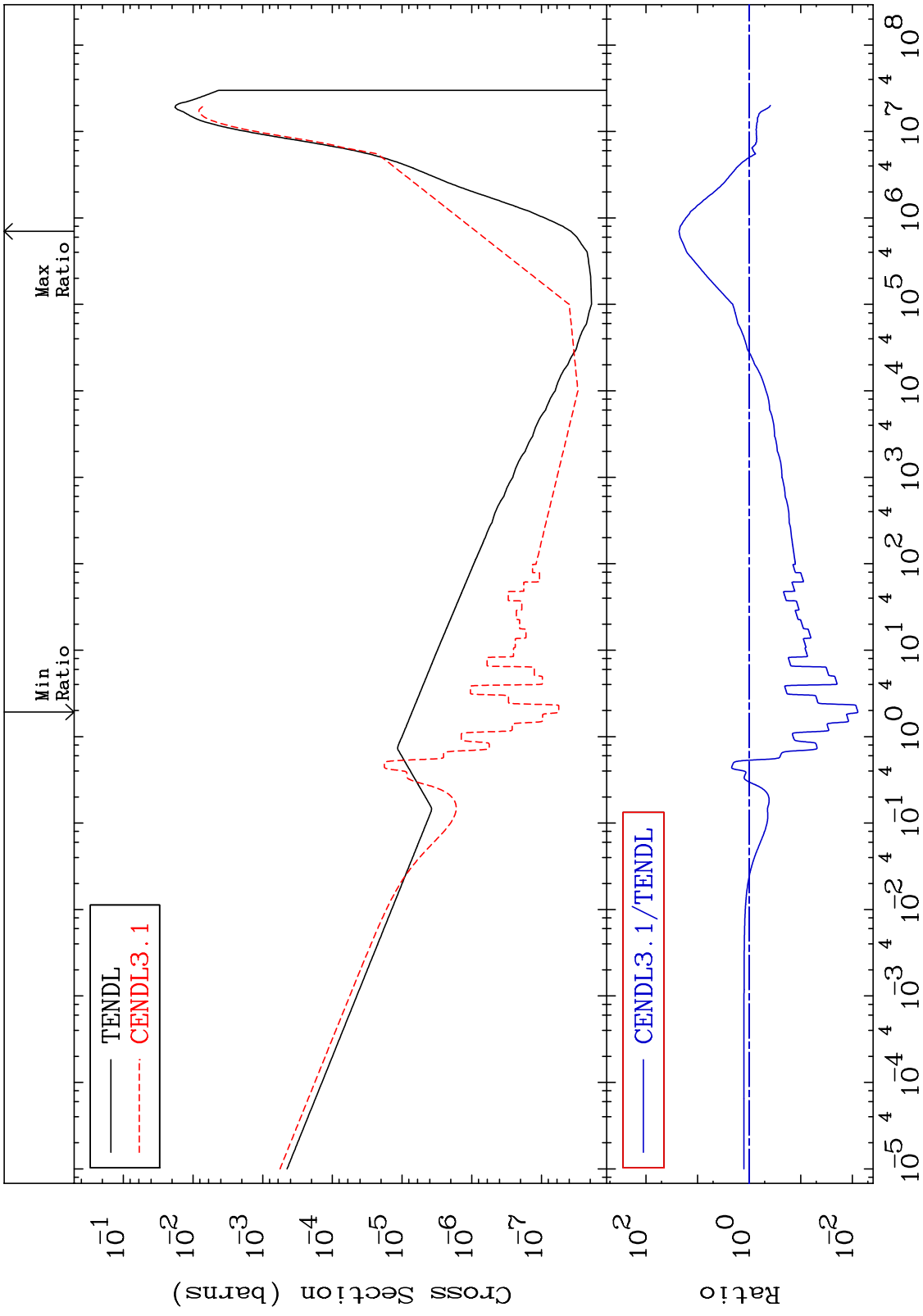


MAT 6325 (n,t) Cross Section 63-Eu-151 345.2 To 9999. %





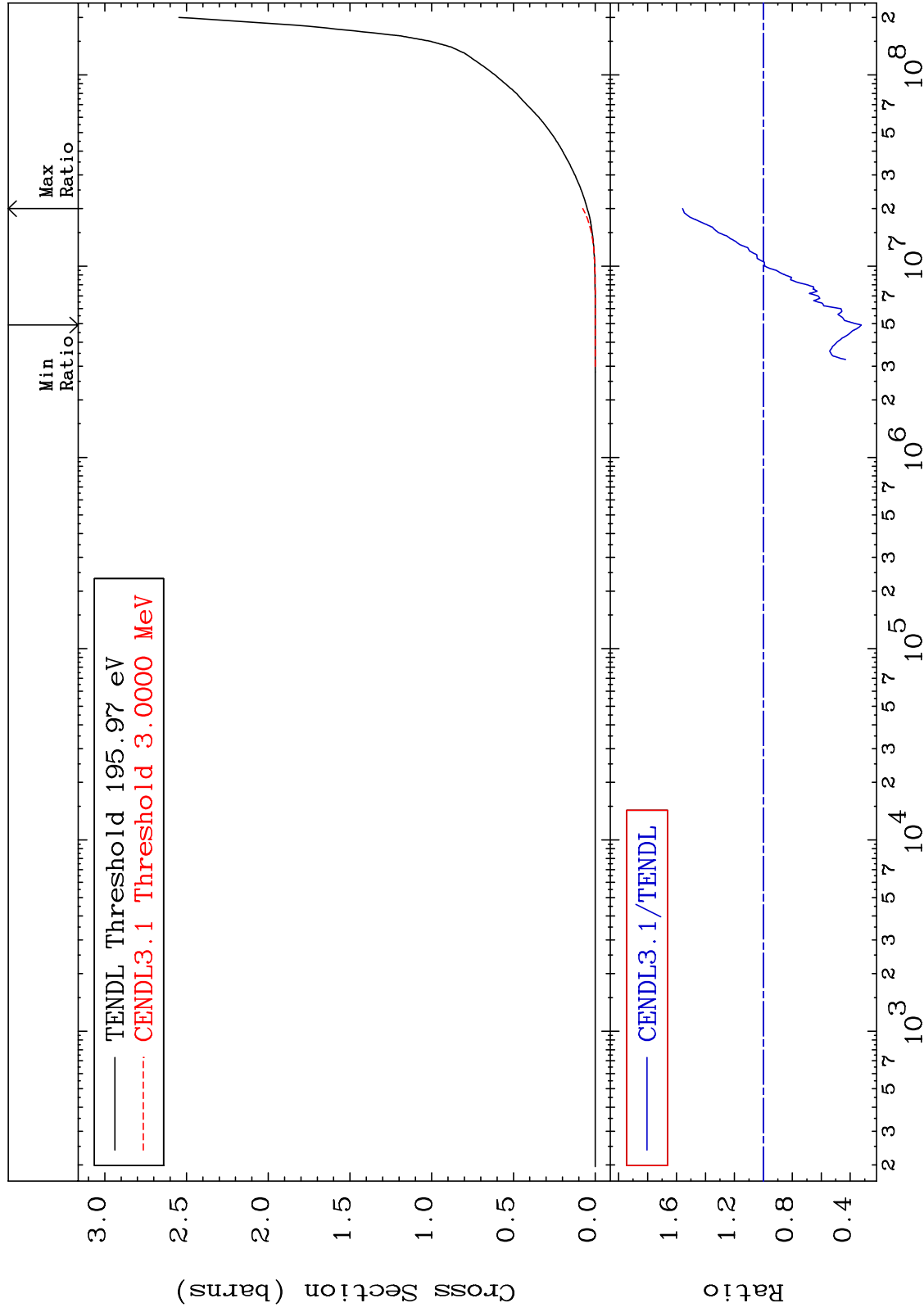
MAT 6325 (n, α) 63-Eu-151
Cross Section -99.21 To 2193. %



MAT 6325

Hydrogen Production Cross Section

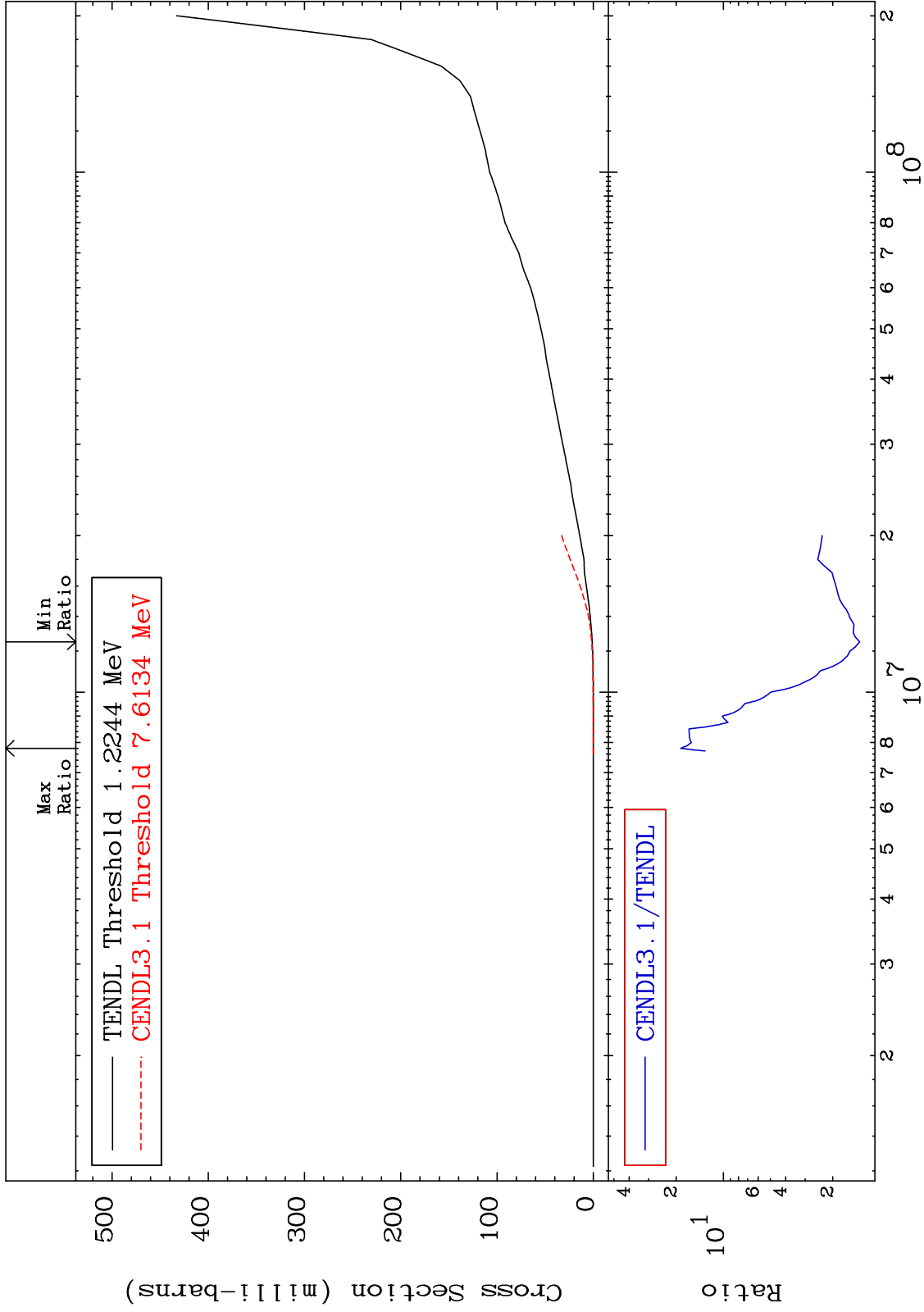
63-Eu-151
-67.67 To 55.76 %



MAT 6325

Deuterium Production
Cross Section

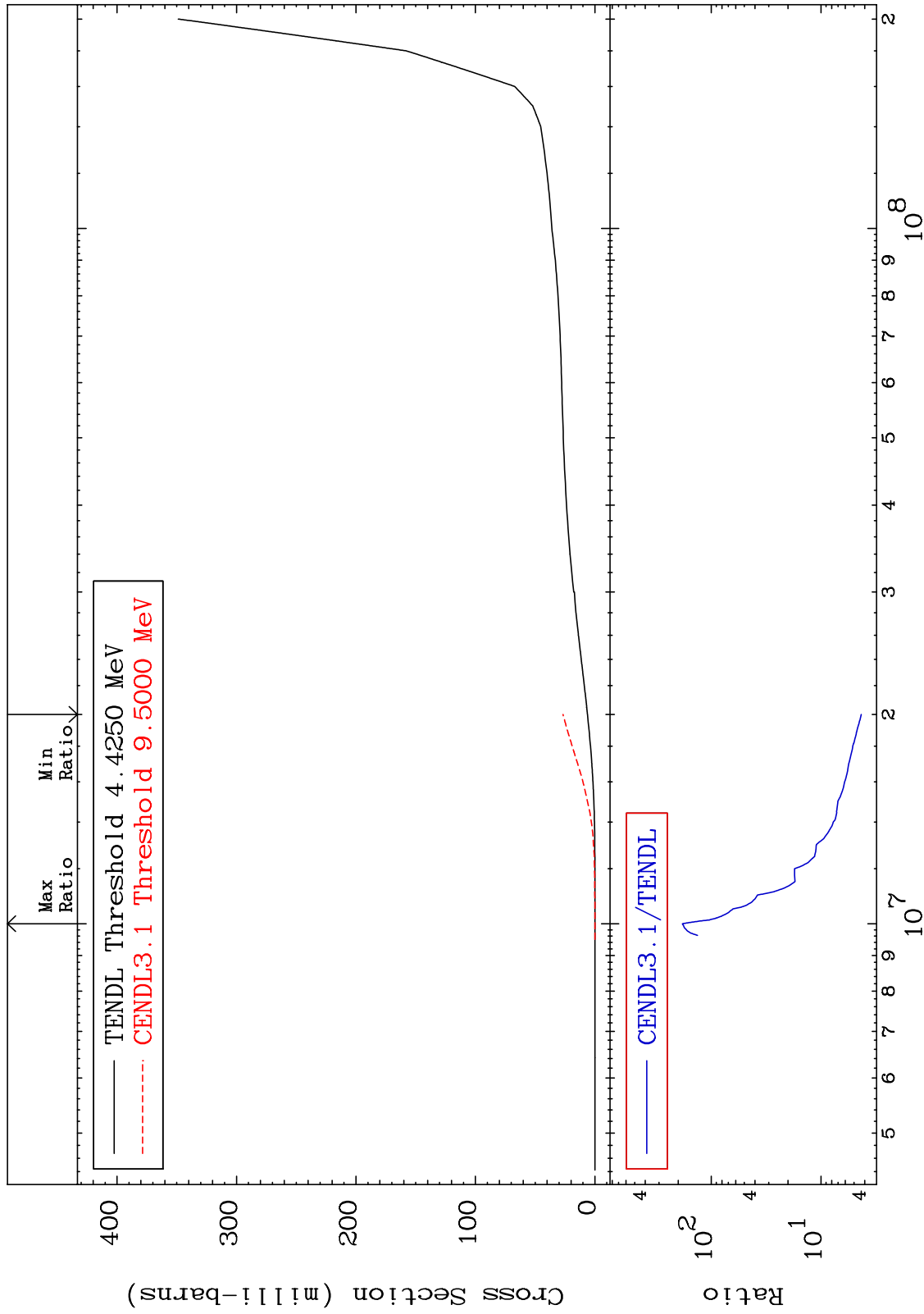
63-Eu-151
34.67 To 1768. %



MAT 6325

Tritium Production
Cross Section

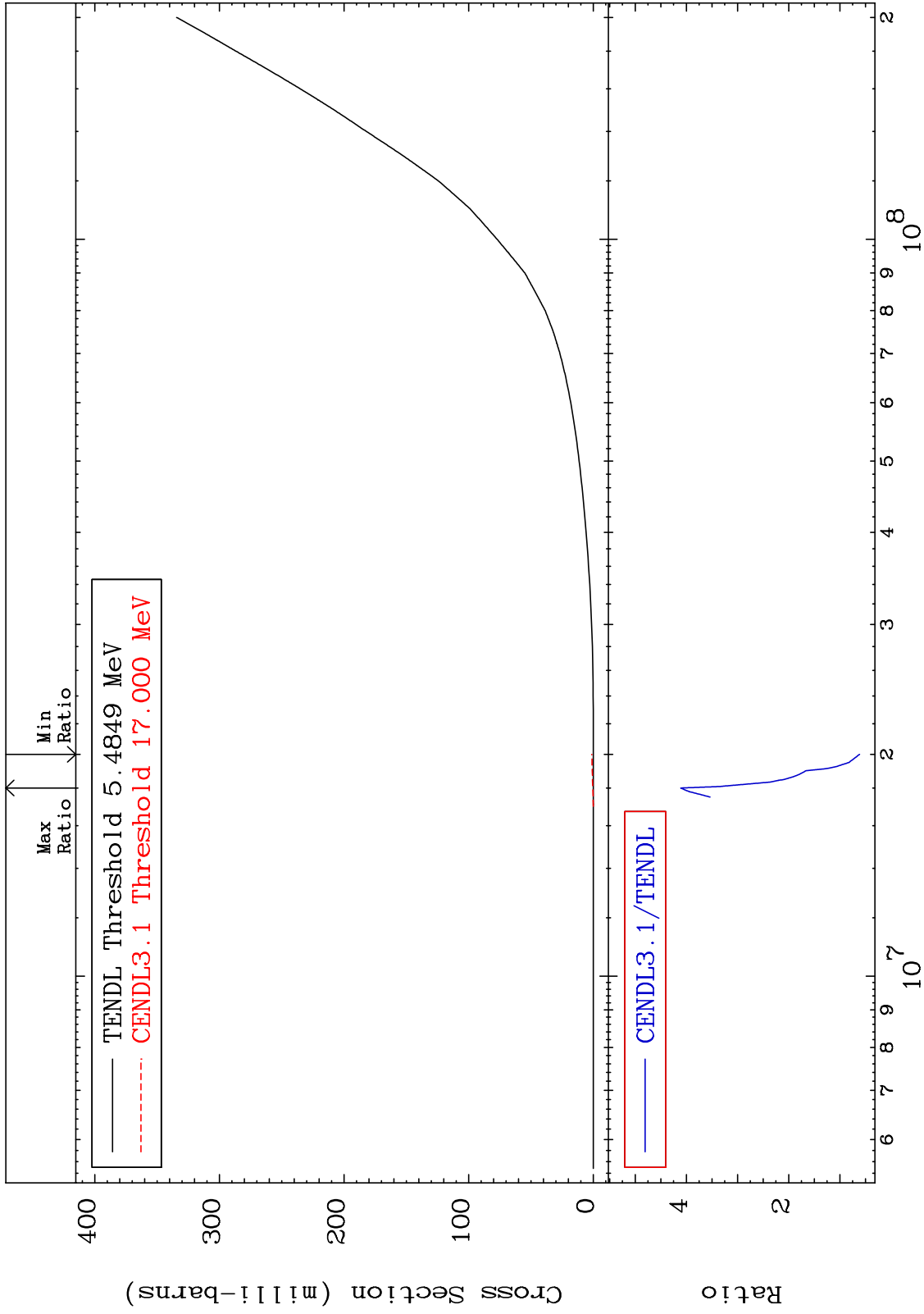
63-Eu-151
329.4 To 9999. %



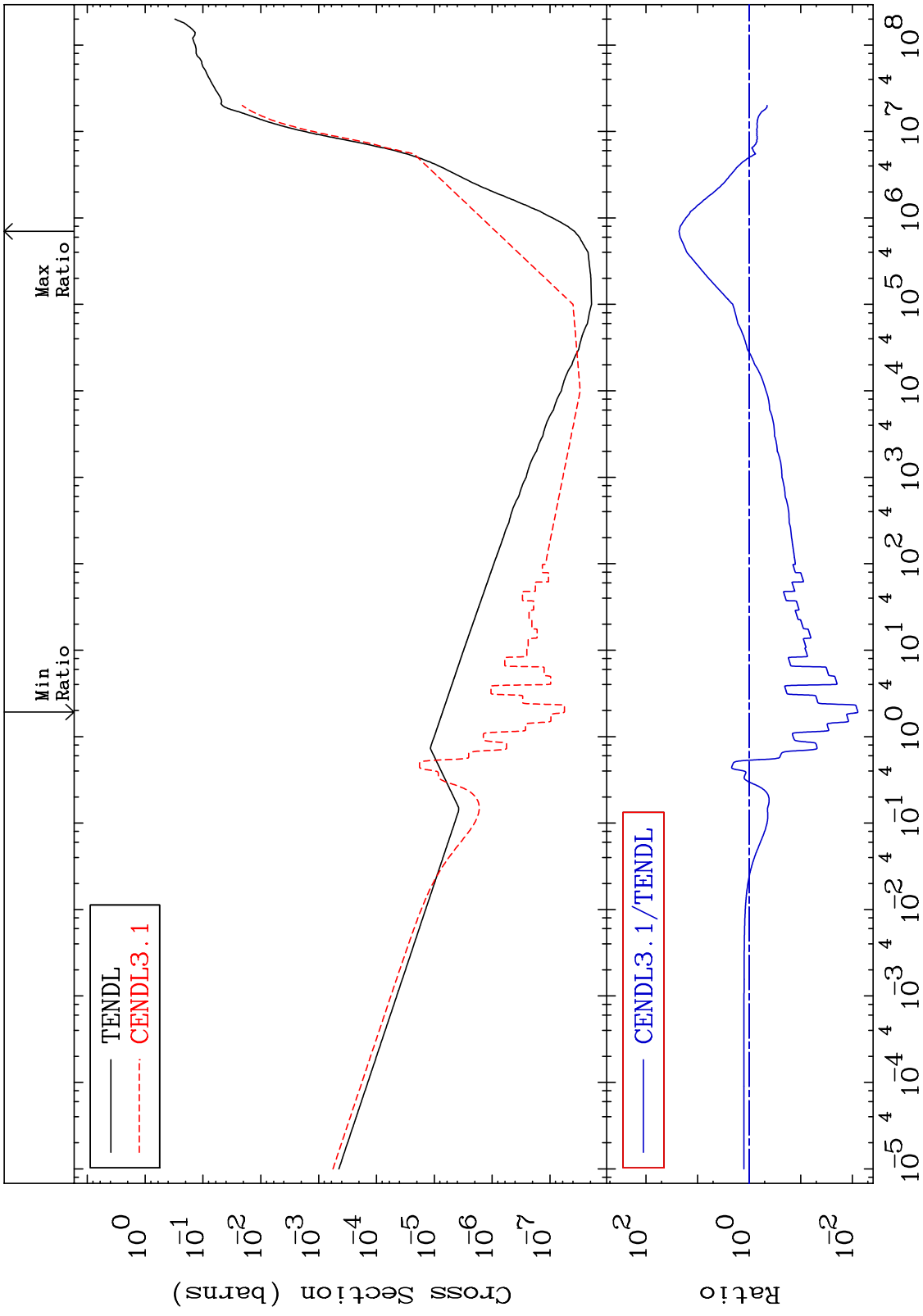
MAT 6325

He-3 Production
Cross Section

63-Eu-151
9999. To 9999. %

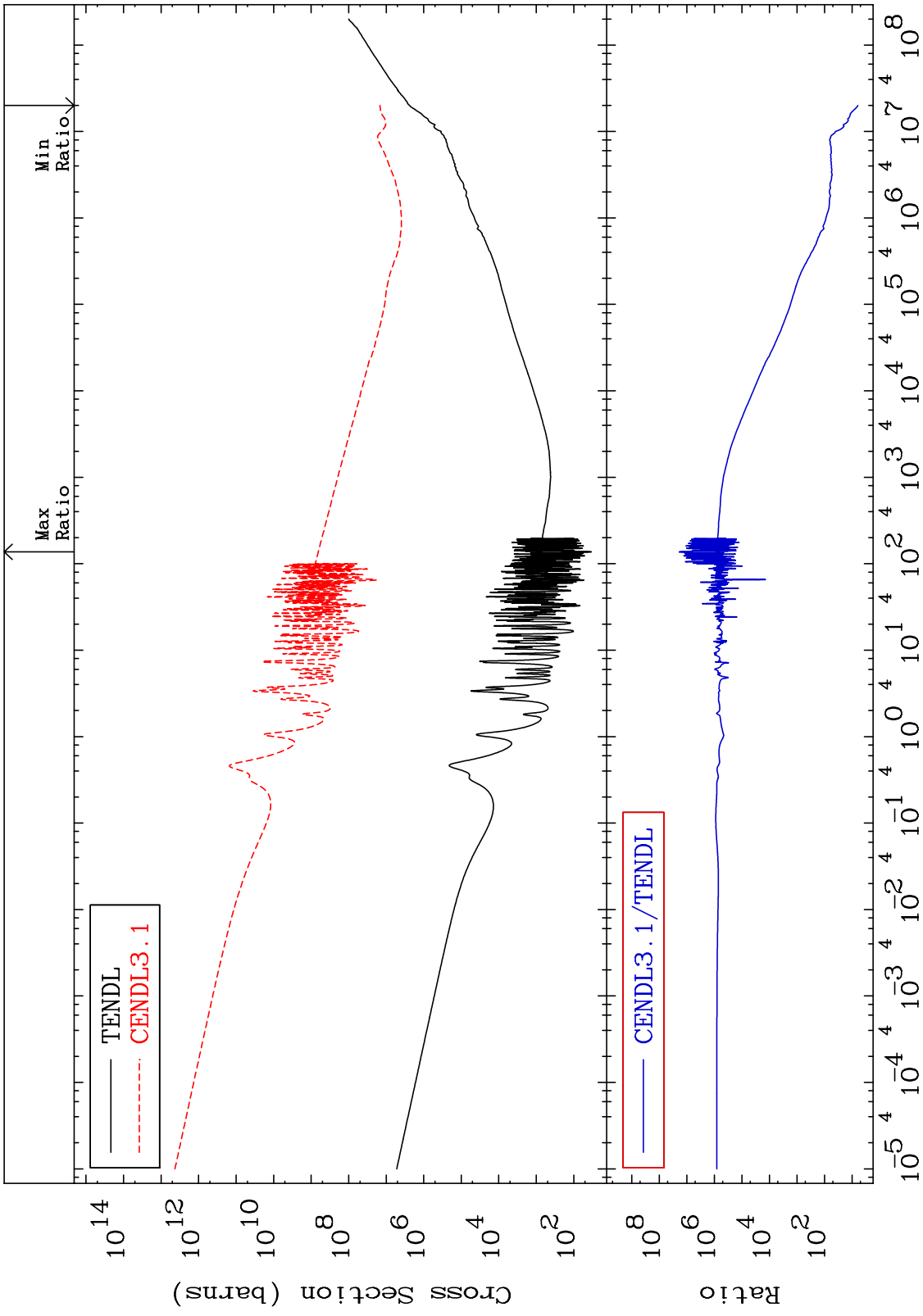


MAT 6325 He-4 Production Cross Section 63-Eu-151 -99.21 To 2193. %

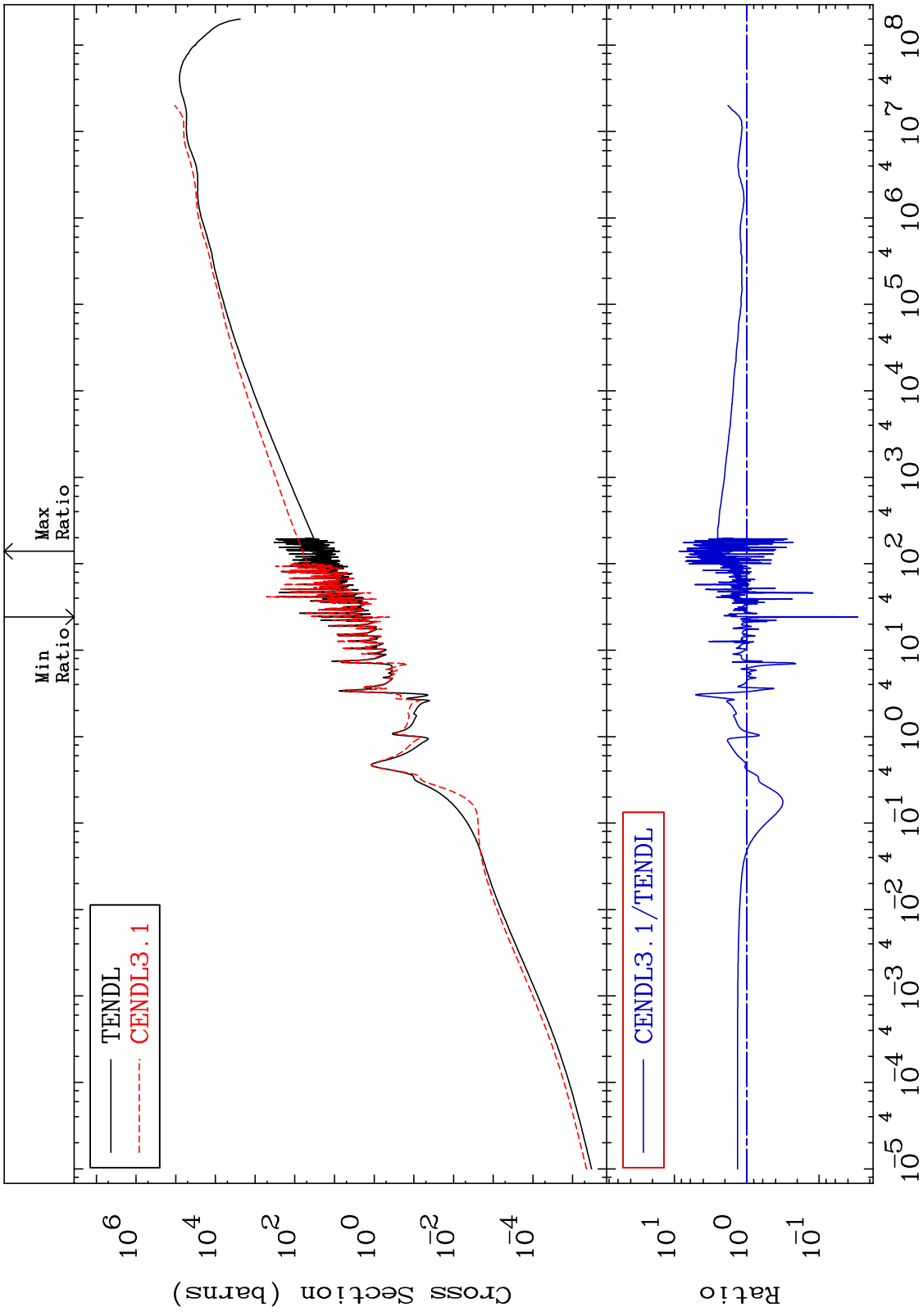


29 63-Eu-151

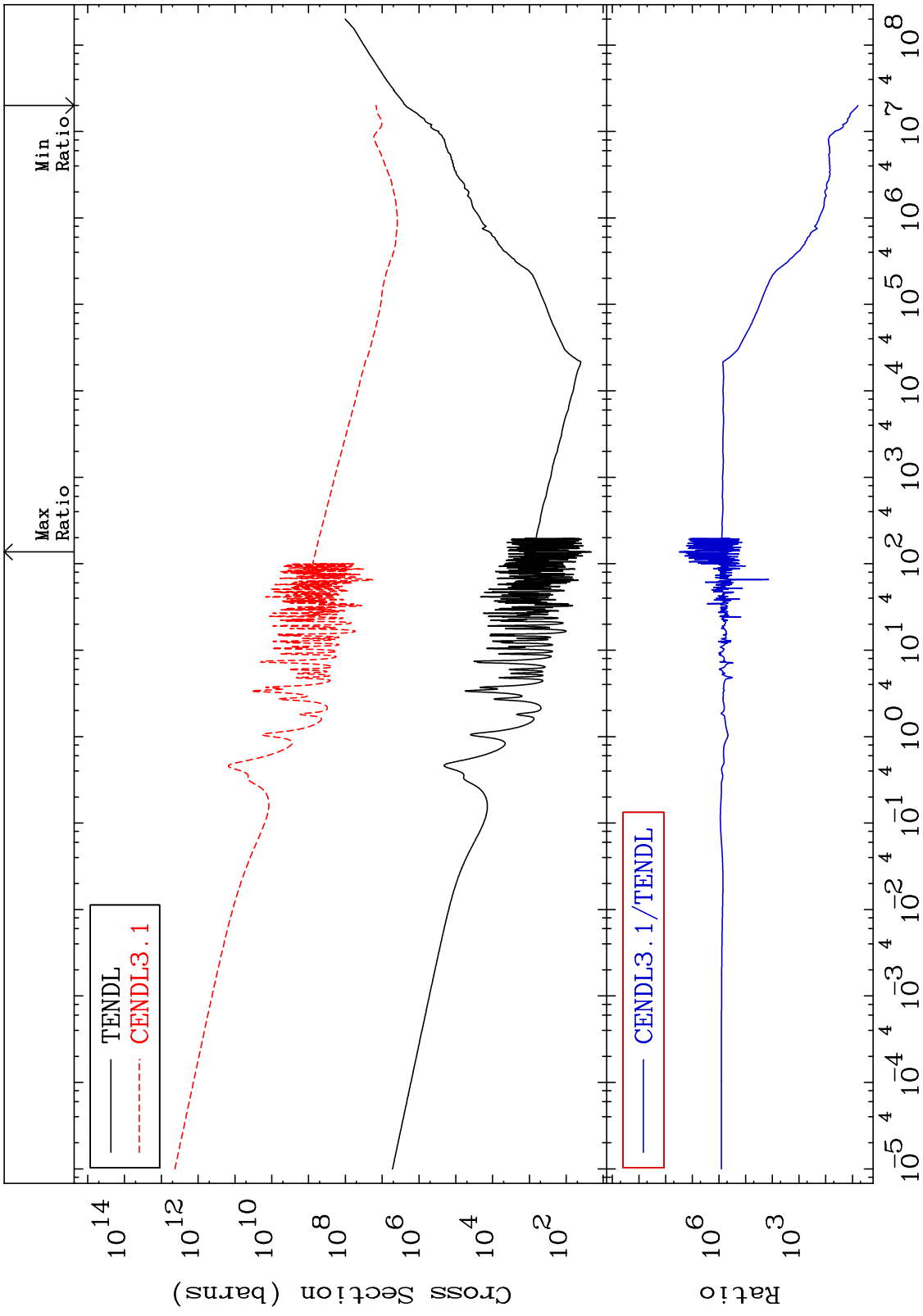
MAT 6325 Kerma total (eV-barns) 63-Eu-151
 Cross Section 517.4 To 9999. %

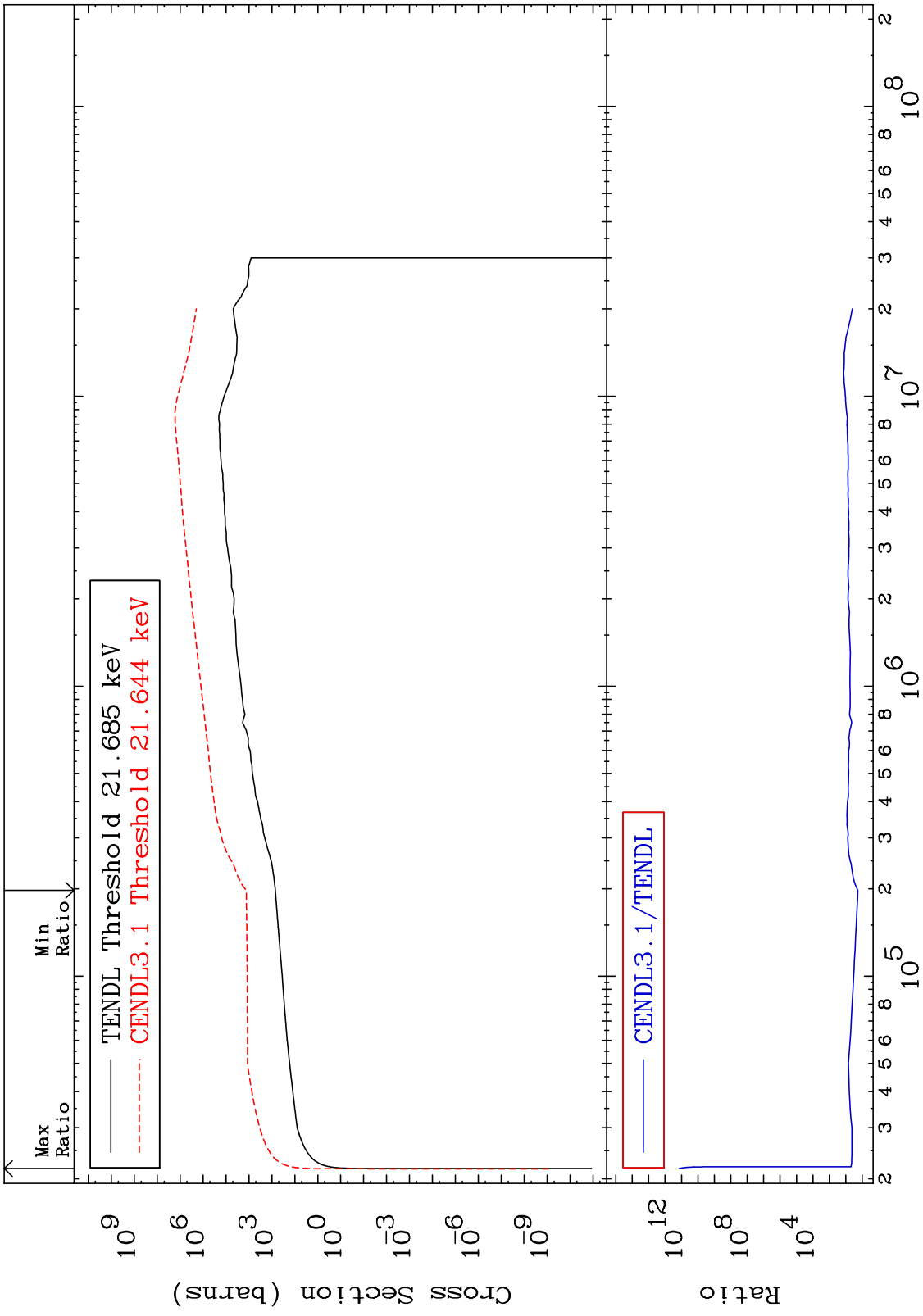


MAT 6325 63-Eu-151
-97.08 To 761.0 %
 Kerma elastic Cross Section



MAT 6325 Kerma non-elastic (all but mt2) 63-Eu-151
 Cross Section 528.2 To 9999. %

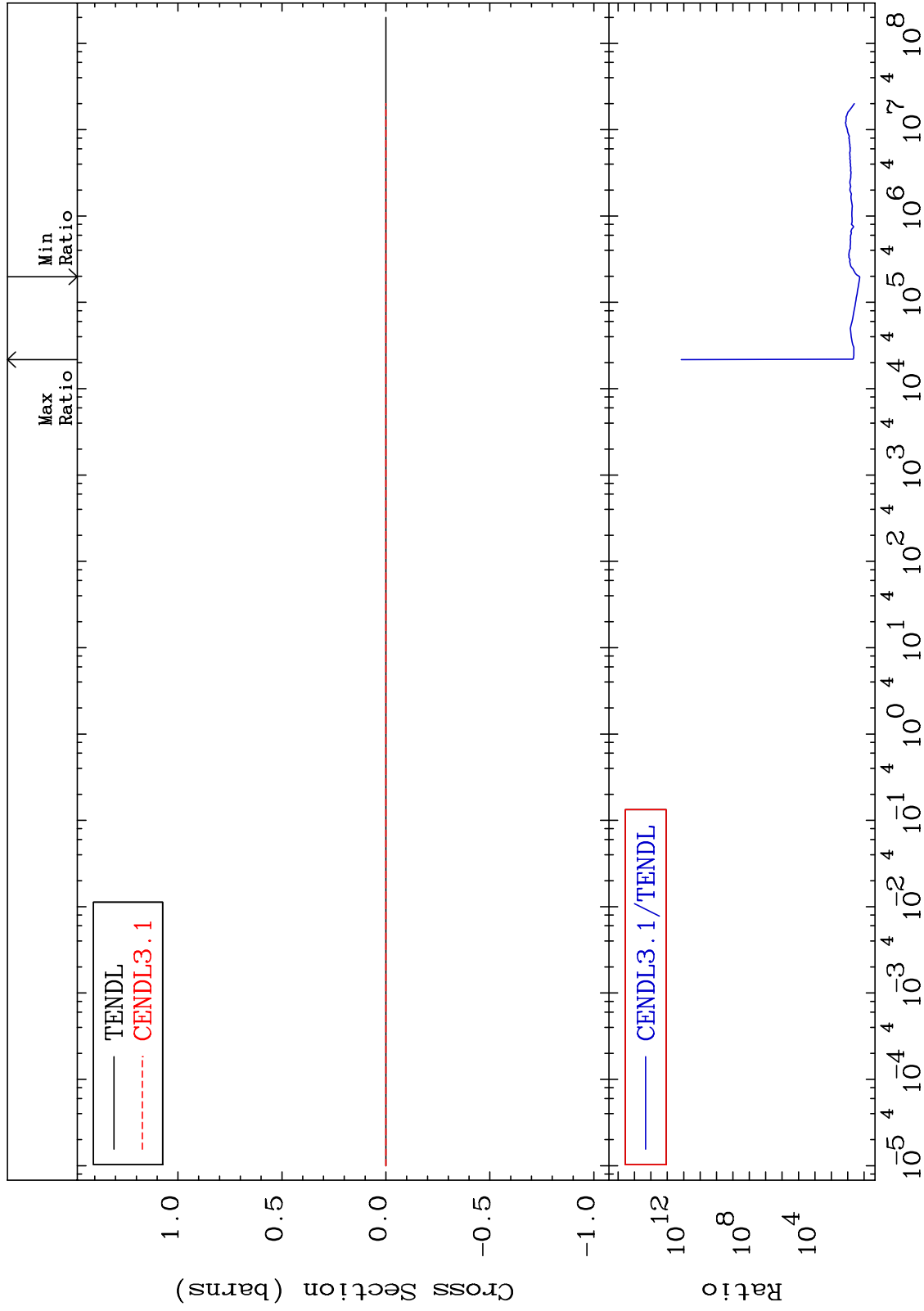


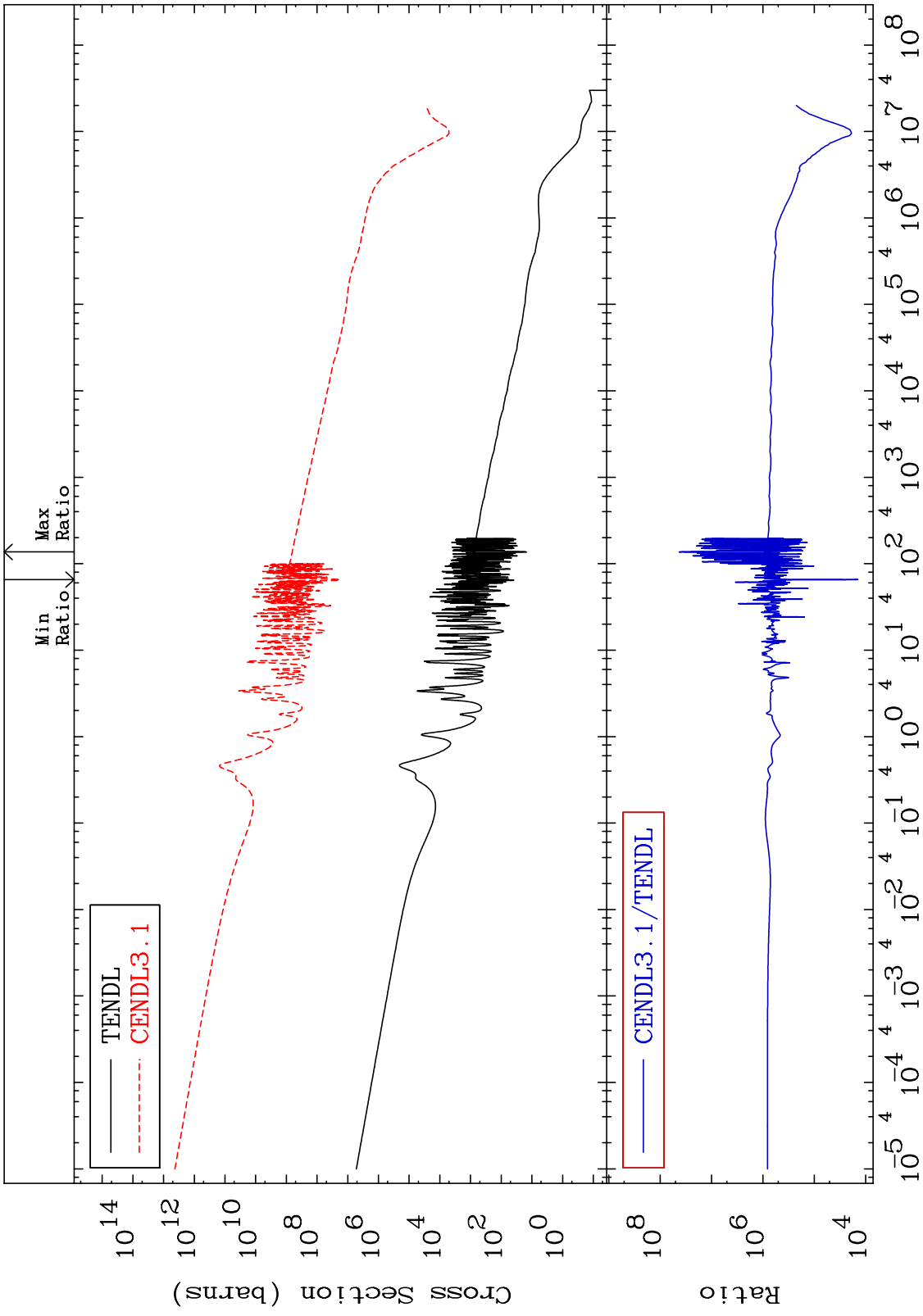


MAT 6325

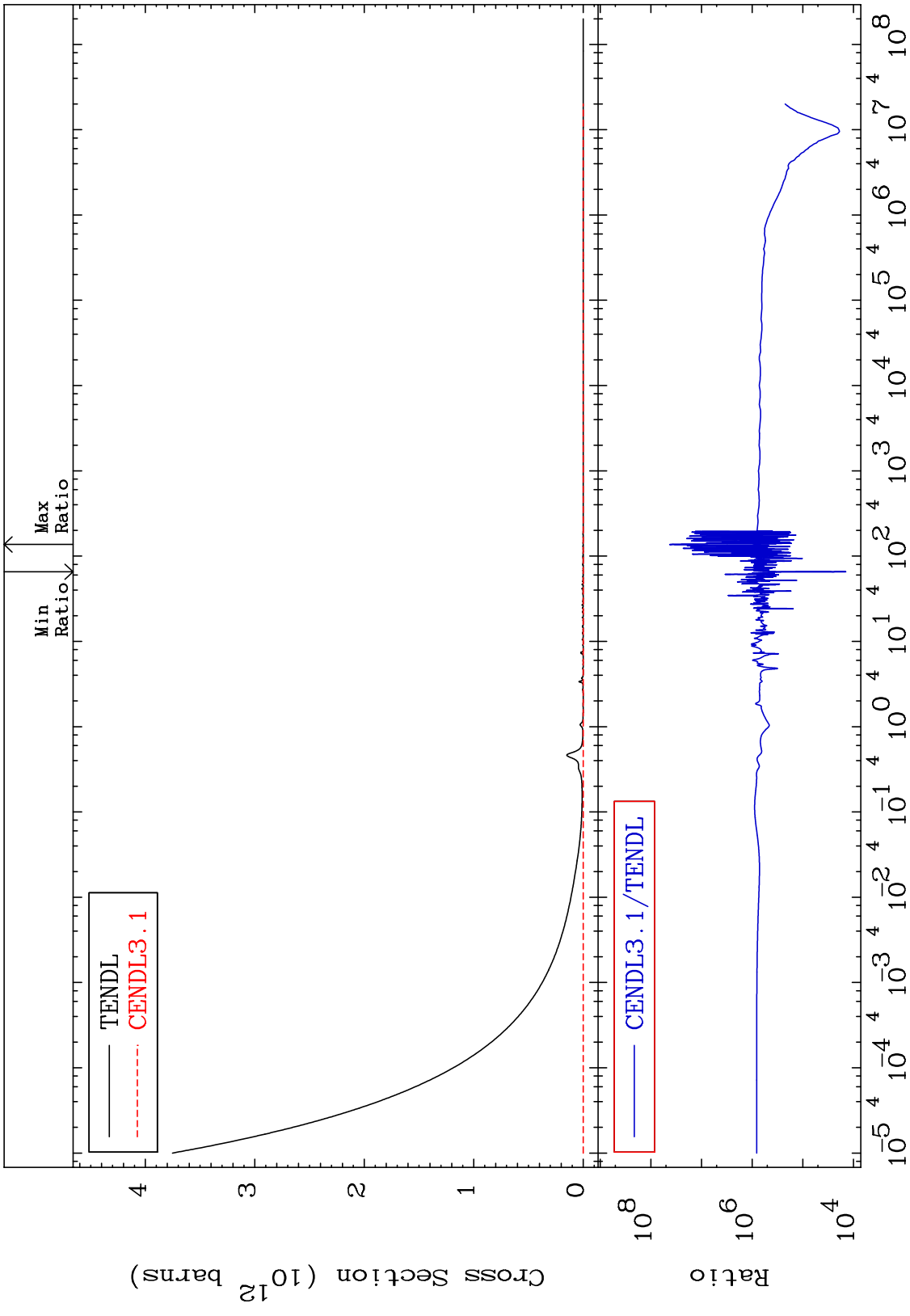
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

63-Eu-151
1744. To 9999. %

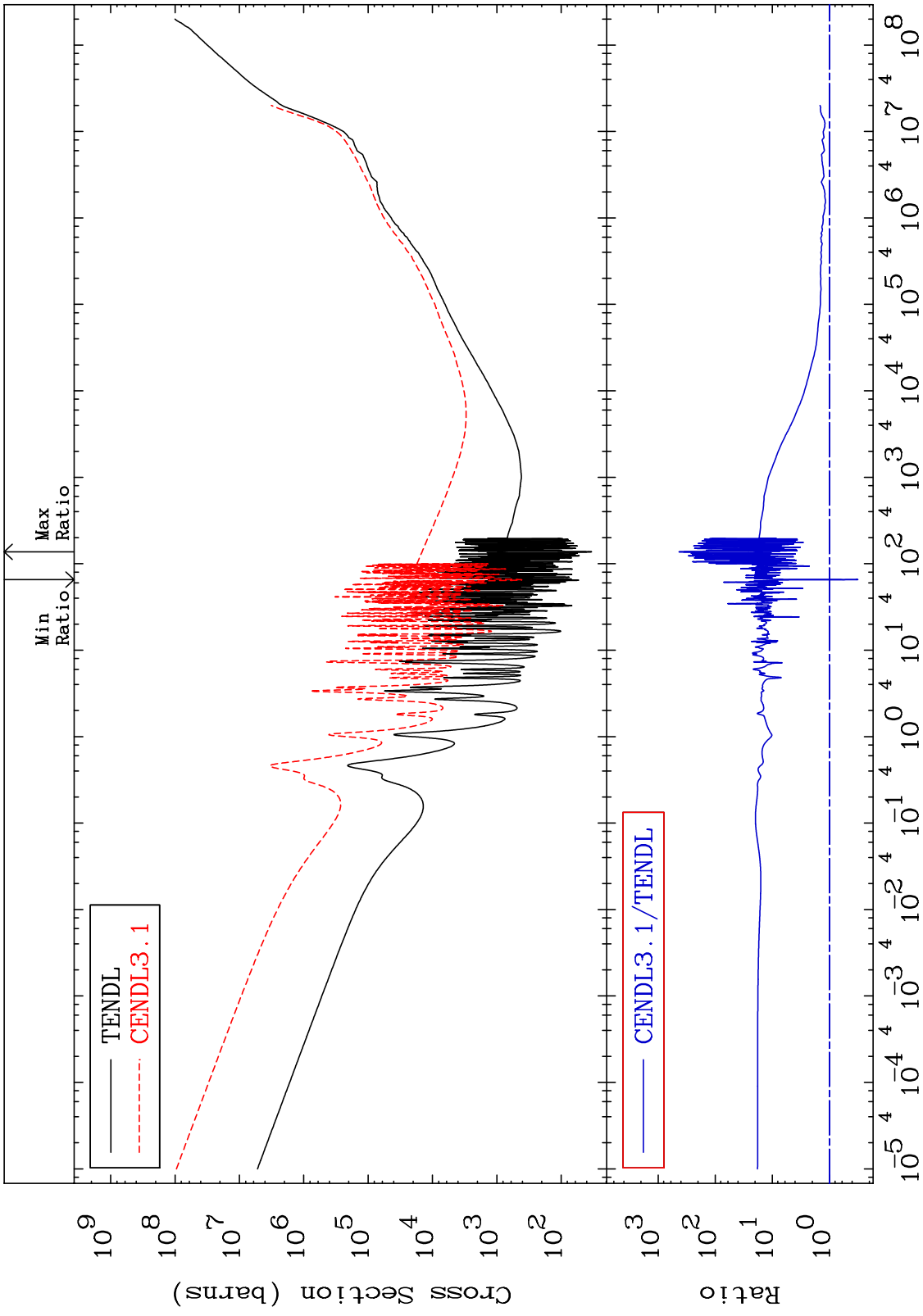




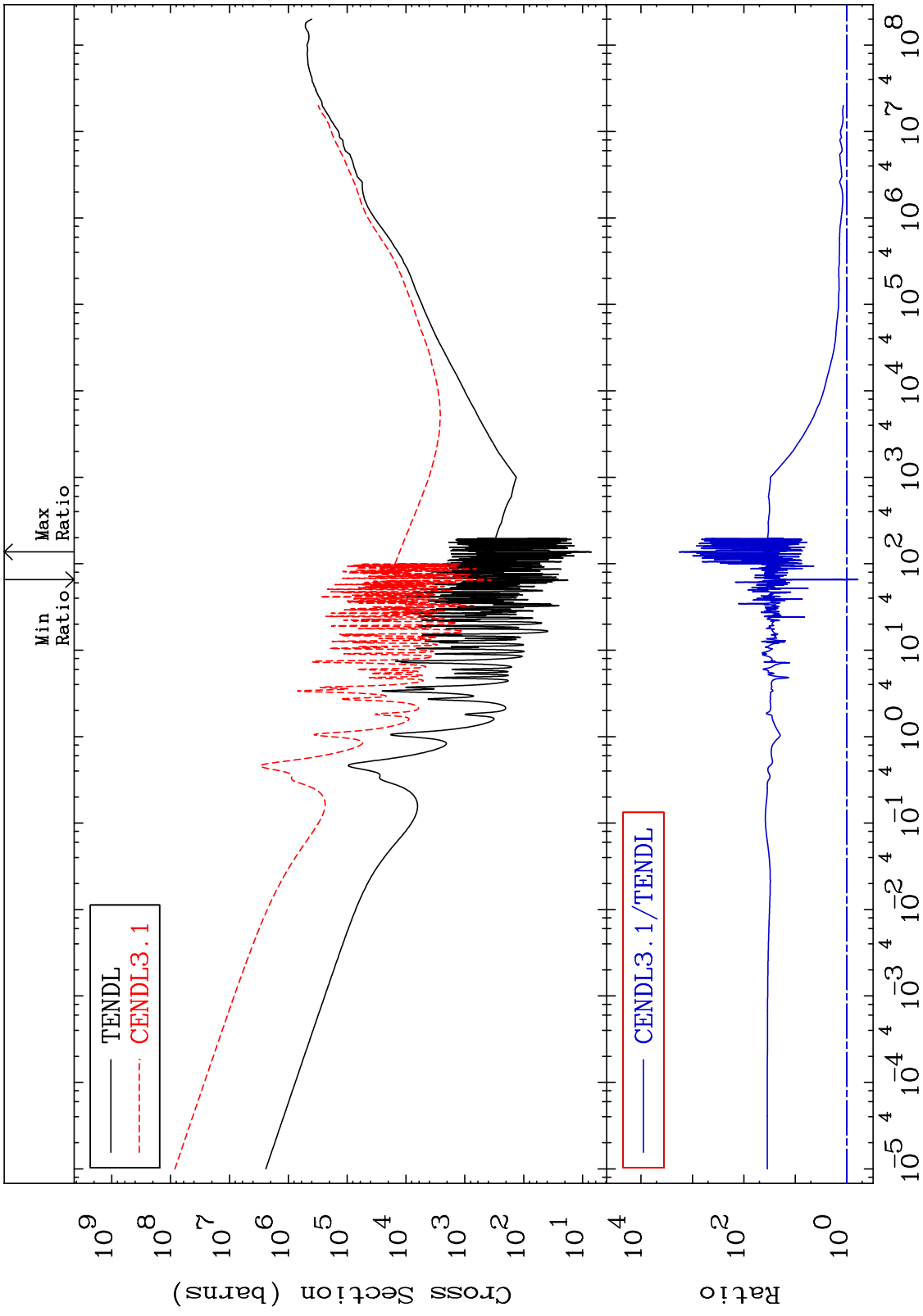
MAT 6325 Total photon (eV-barns) 63-Eu-151
Cross Section 9999. To 9999. %



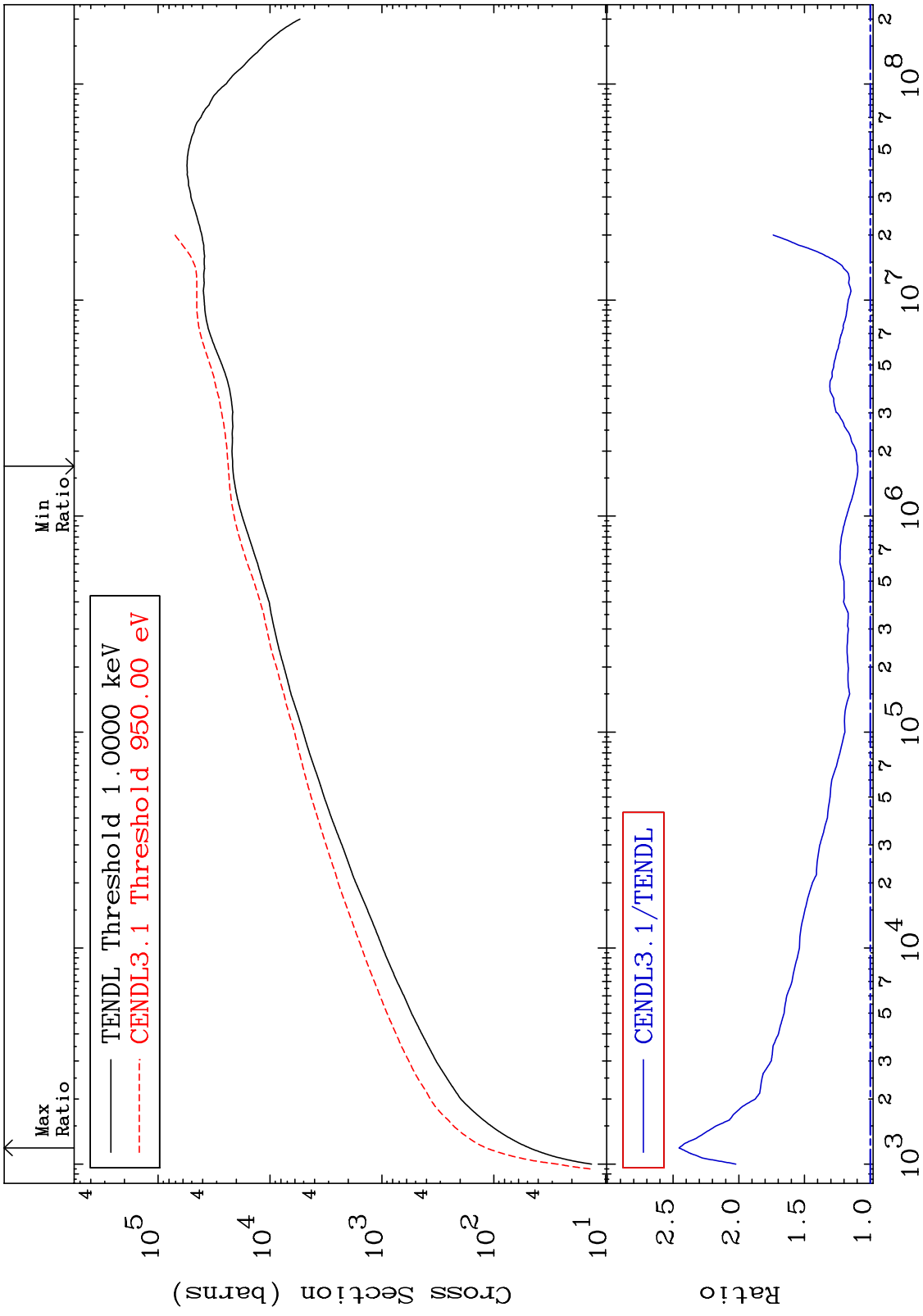
MAT 6325 Total kinematic kerma (high limit) 63-Eu-151
 Cross Section -68.21 To 9999. %



MAT 6325 Dpa total (eV-barns) 63-Eu-151
 Cross Section -39.03 To 9999. %

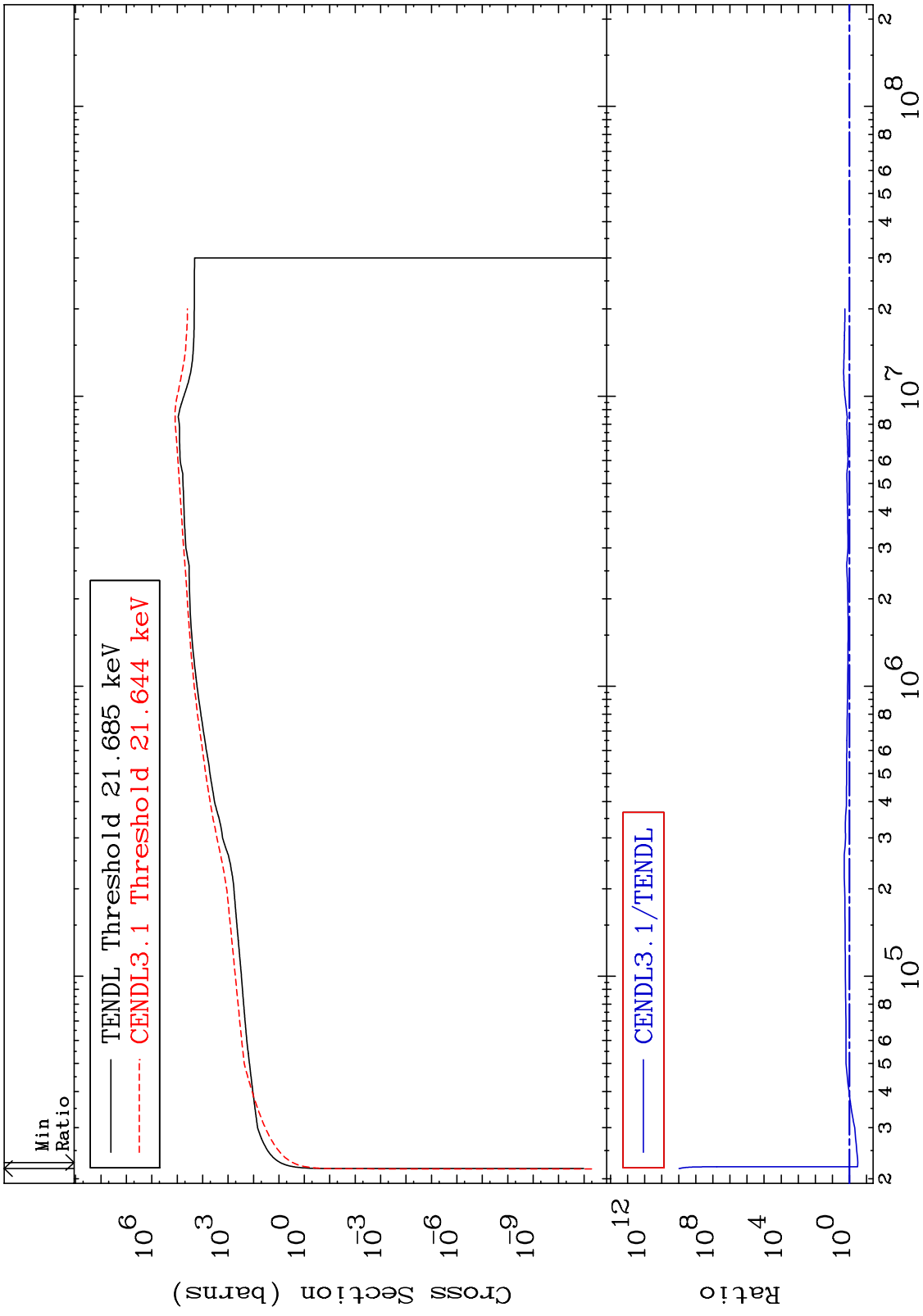


MAT 6325 Dpa elastic (mt2) 63-Eu-151
 Cross Section 9.448 To 145.5 %

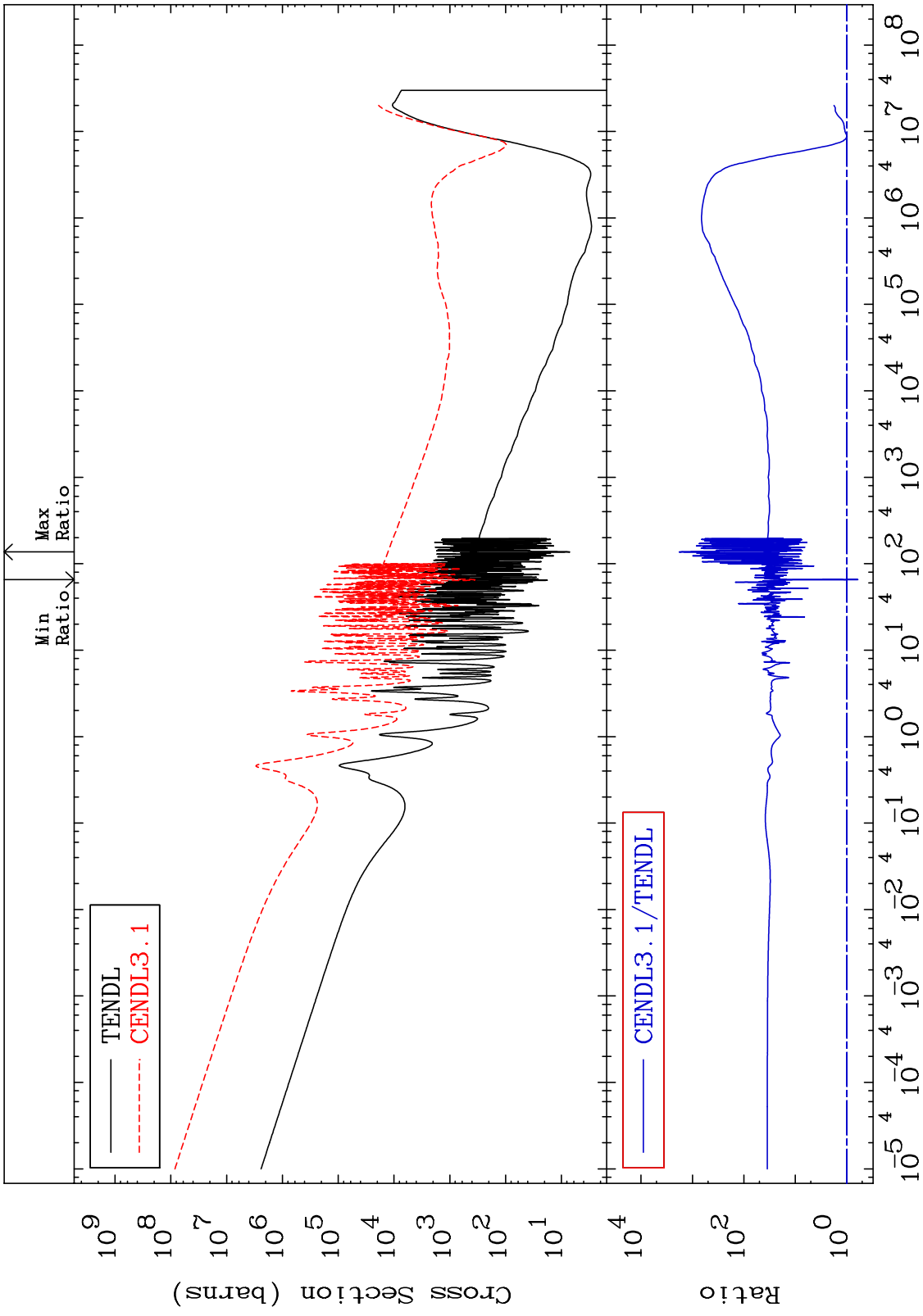


39 Incident Energy (eV) 63-Eu-151

MAT 6325 Dpa inelastic (mt51-91) 63-Eu-151
 Cross Section -67.72 To 9999. %



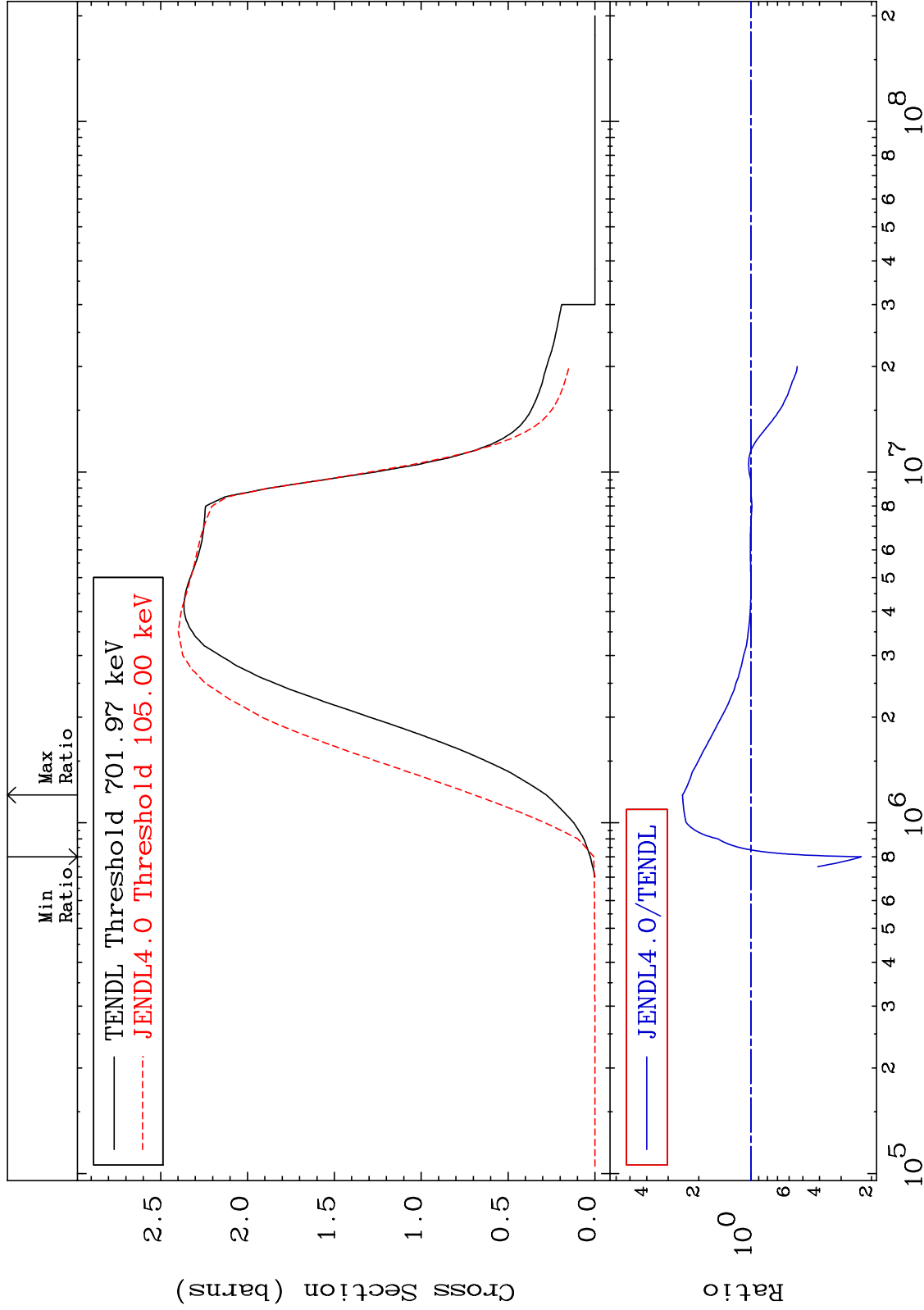
MAT 6325 Dpa disappearance (mt102 -120) 63-Eu-151
 Cross Section -39.03 To 9999. %



MAT 6325

(n,n') Continuum
Cross Section

63-Eu-151
-77.07 To 148.3 %



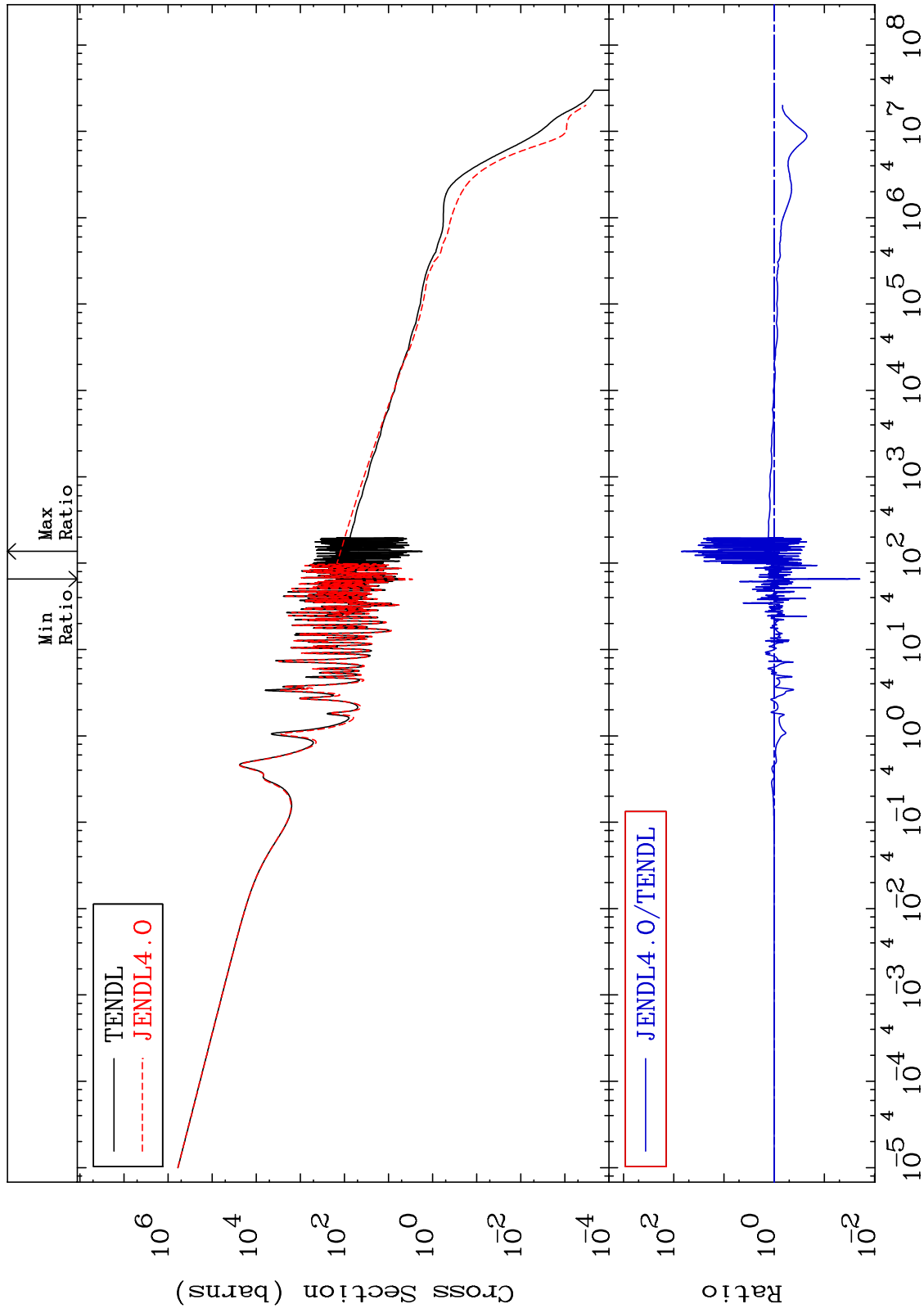
42

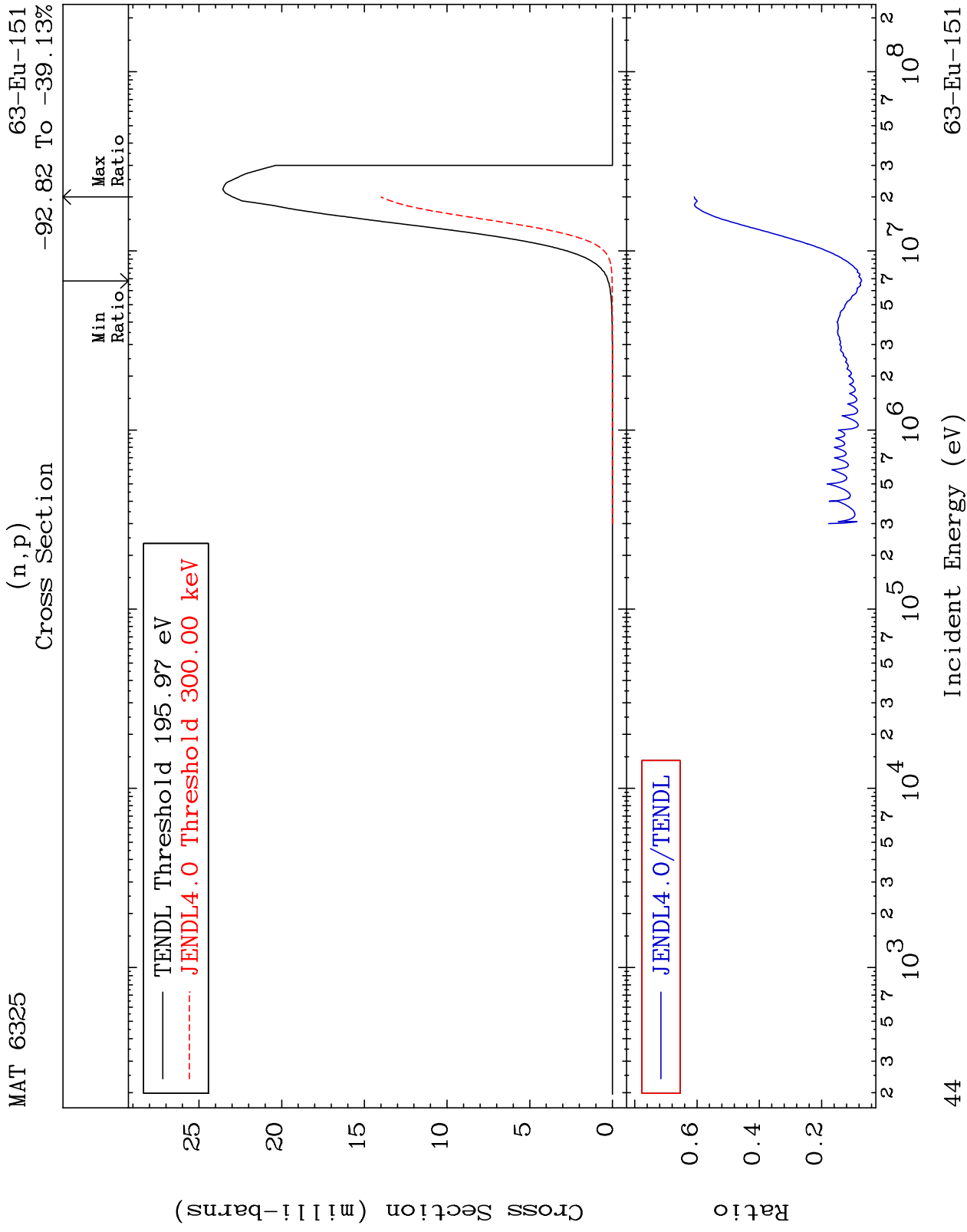
Incident Energy (eV)

63-Eu-151

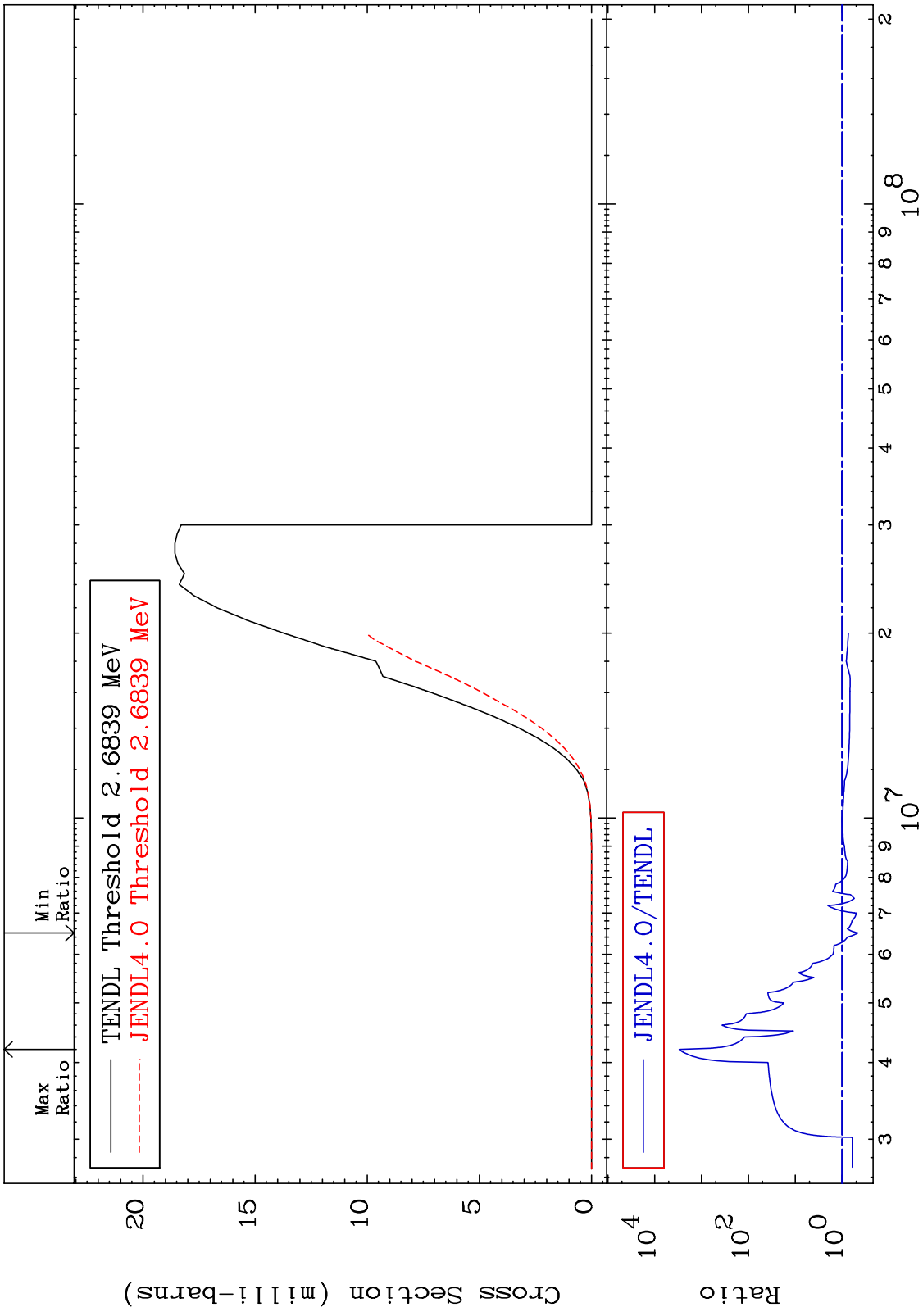
MAT 6325

(n, γ) Cross Section
63-Eu-151
-98.03 To 6992. %

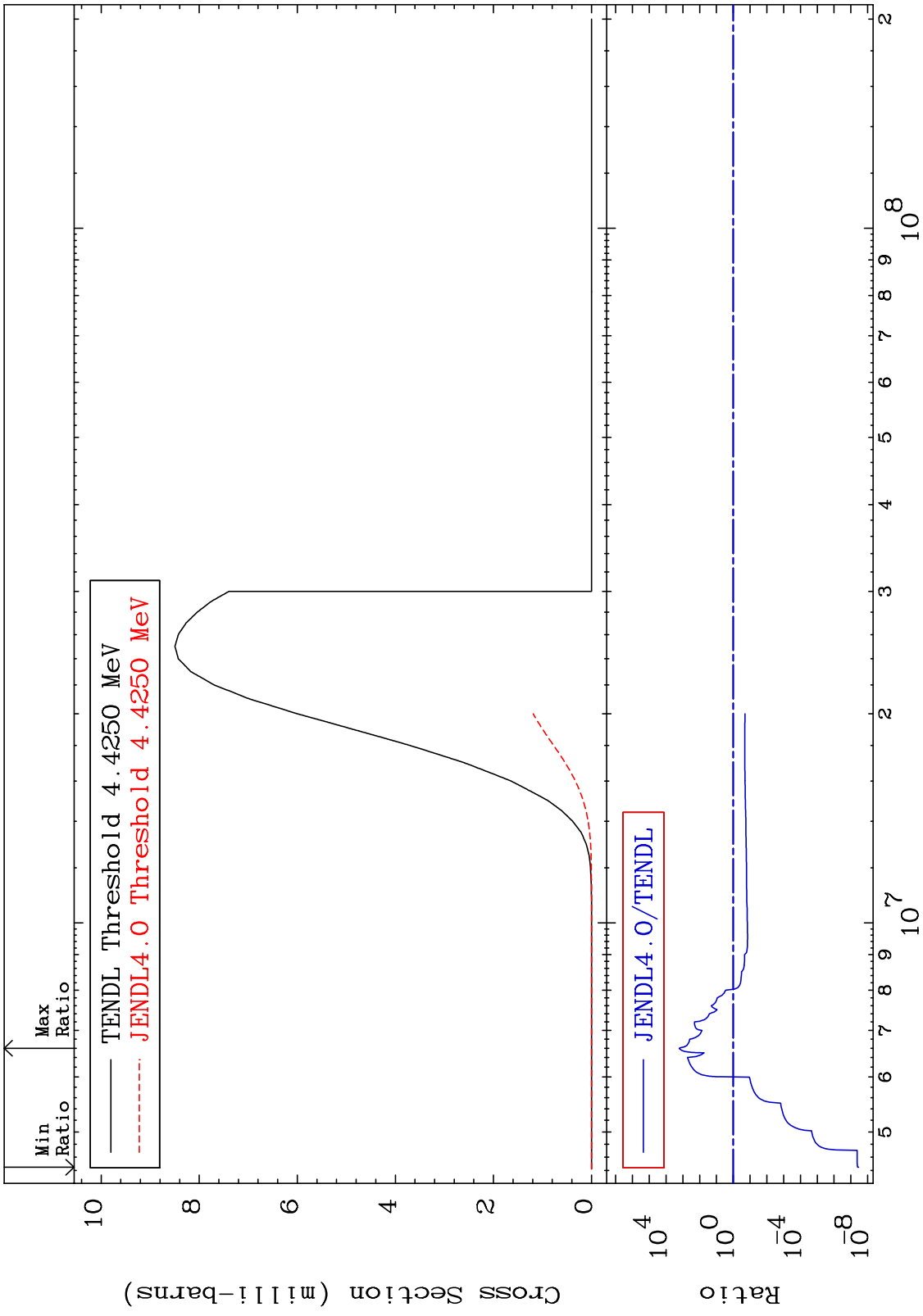


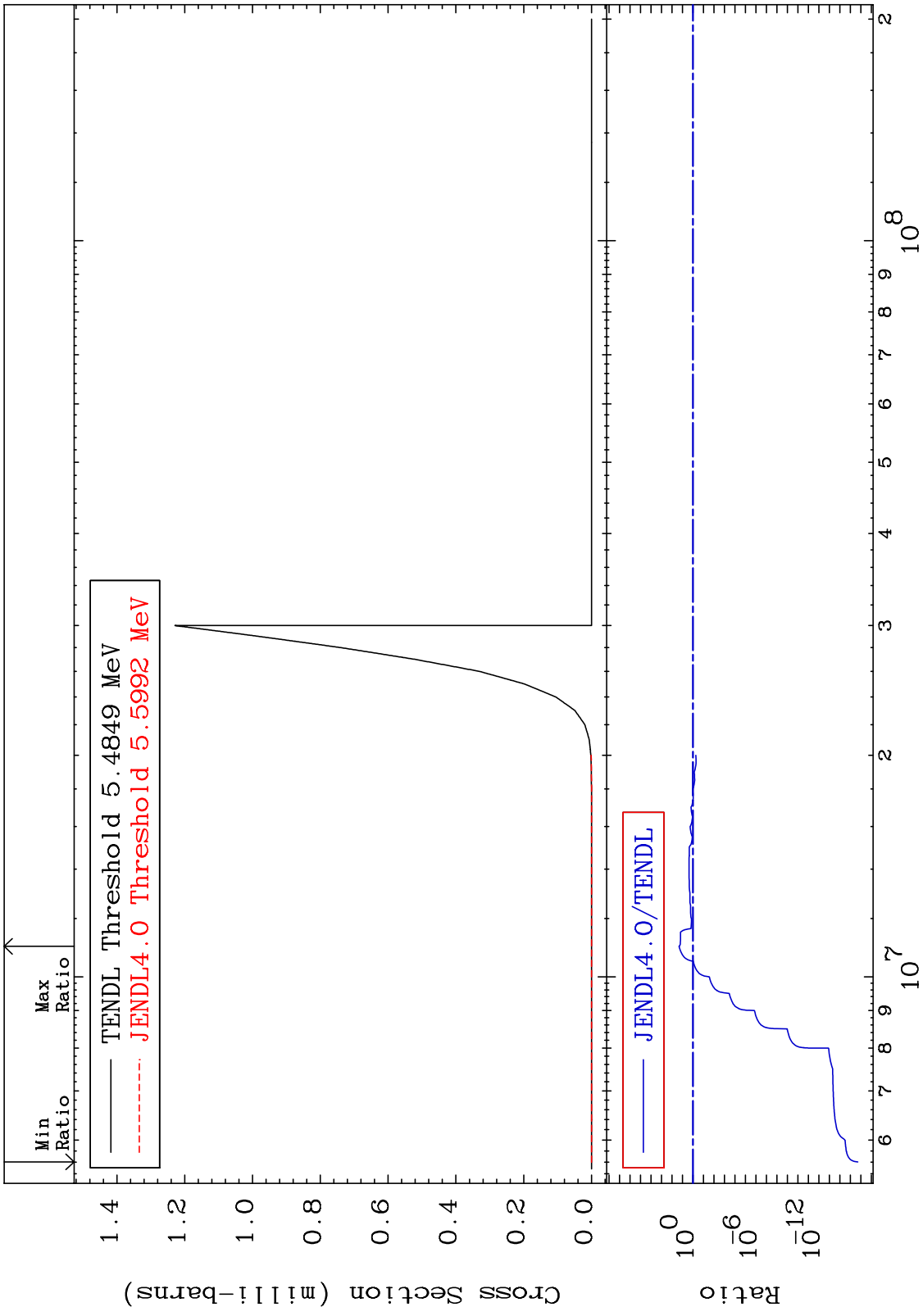


MAT 6325 (n,d) 63-Eu-151
 Cross Section -53.79 To 9999. %



45 Incident Energy (eV) 63-Eu-151





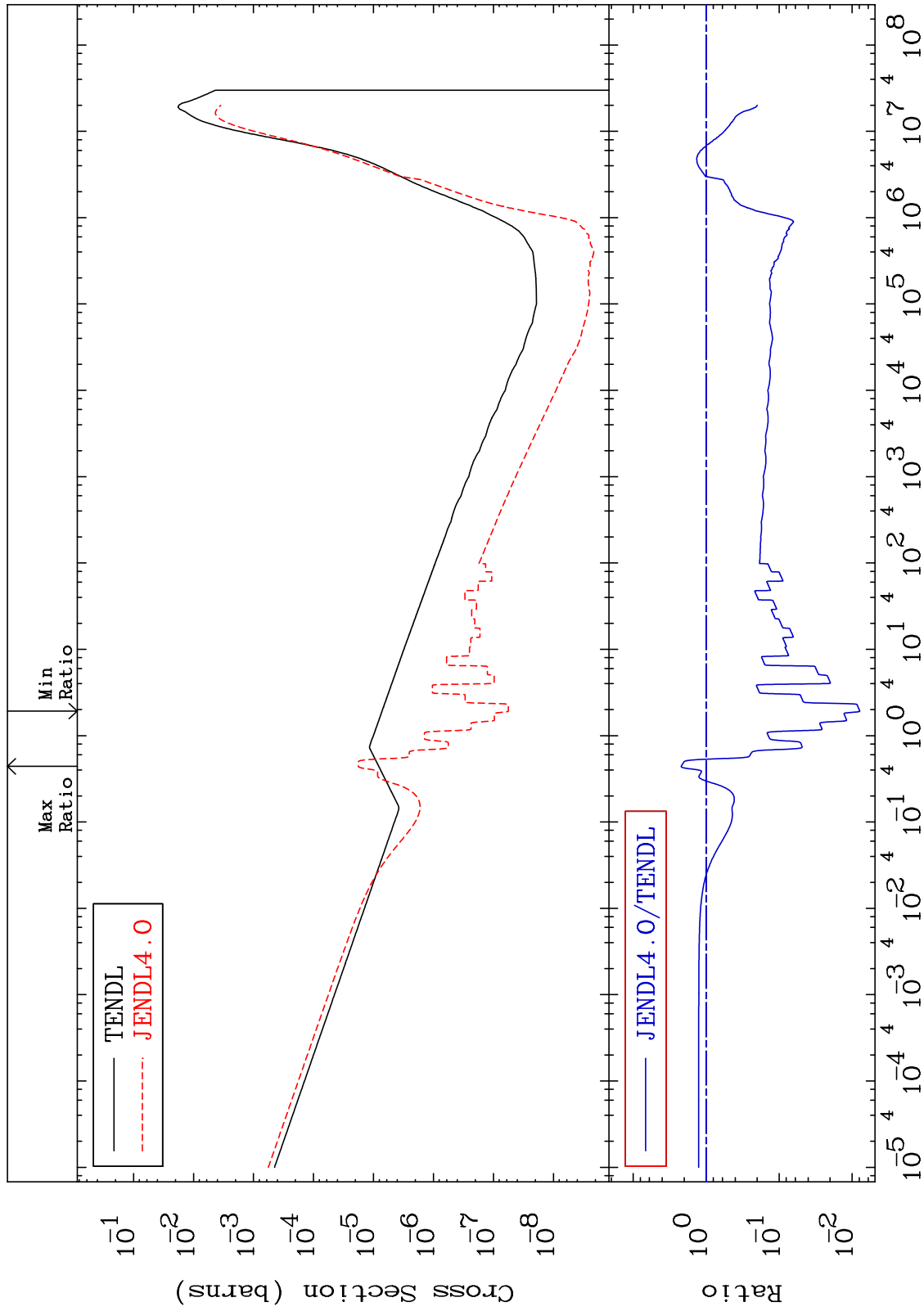
MAT 6325

(n, α)

63-Eu-151

-99.21 To 119.6 %

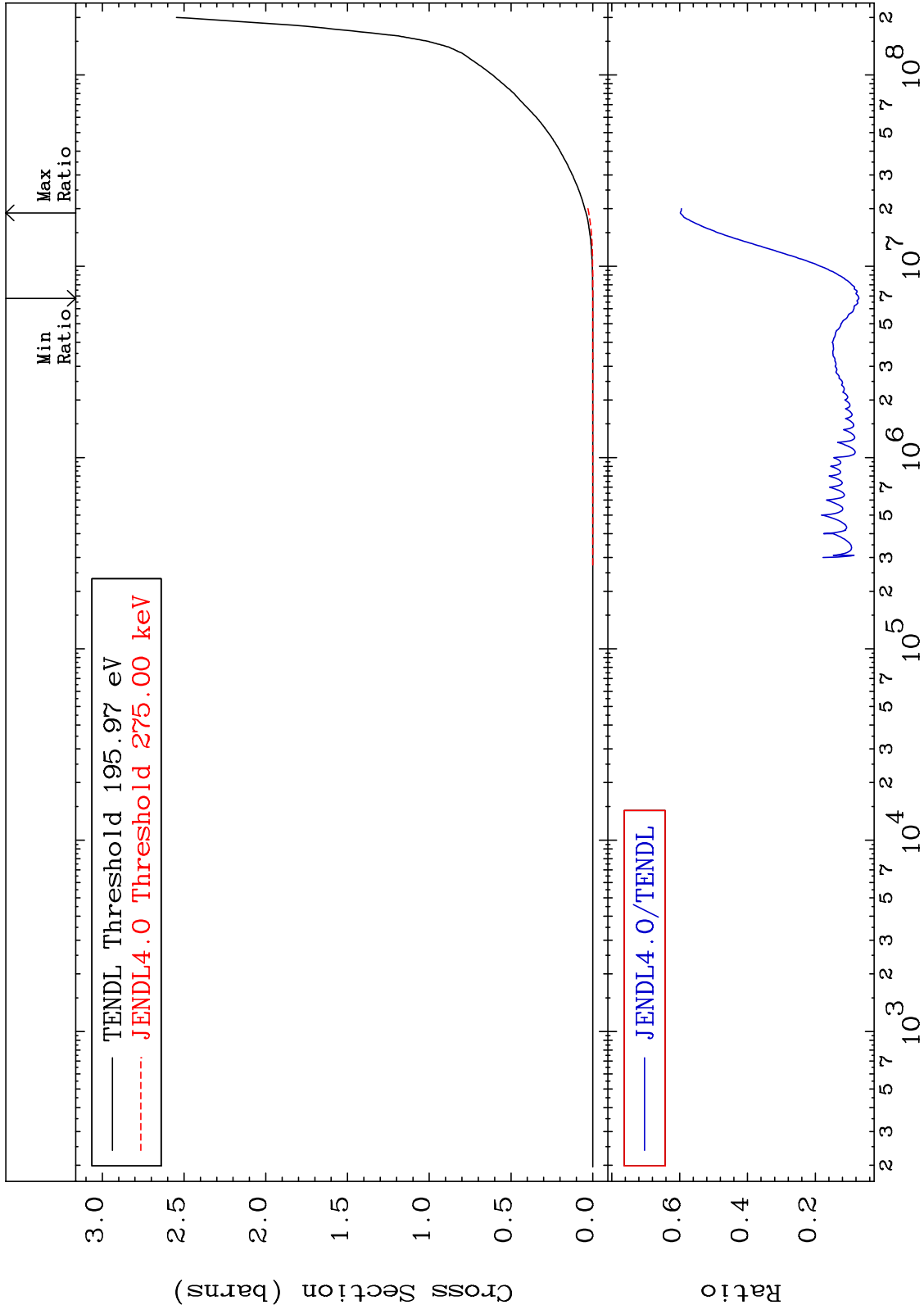
Cross Section



MAT 6325

Hydrogen Production
Cross Section

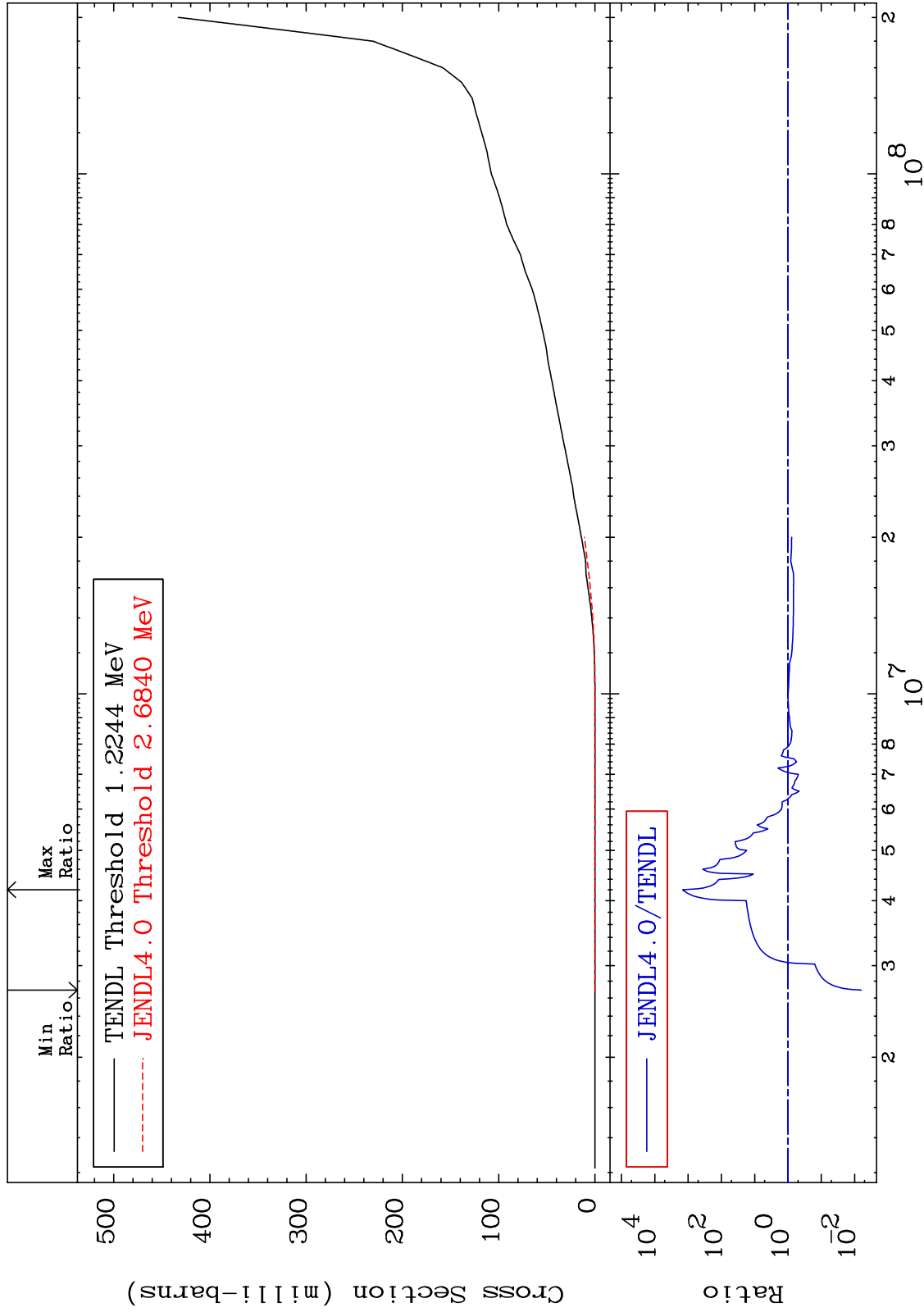
63-Eu-151
-92.82 To -40.18%

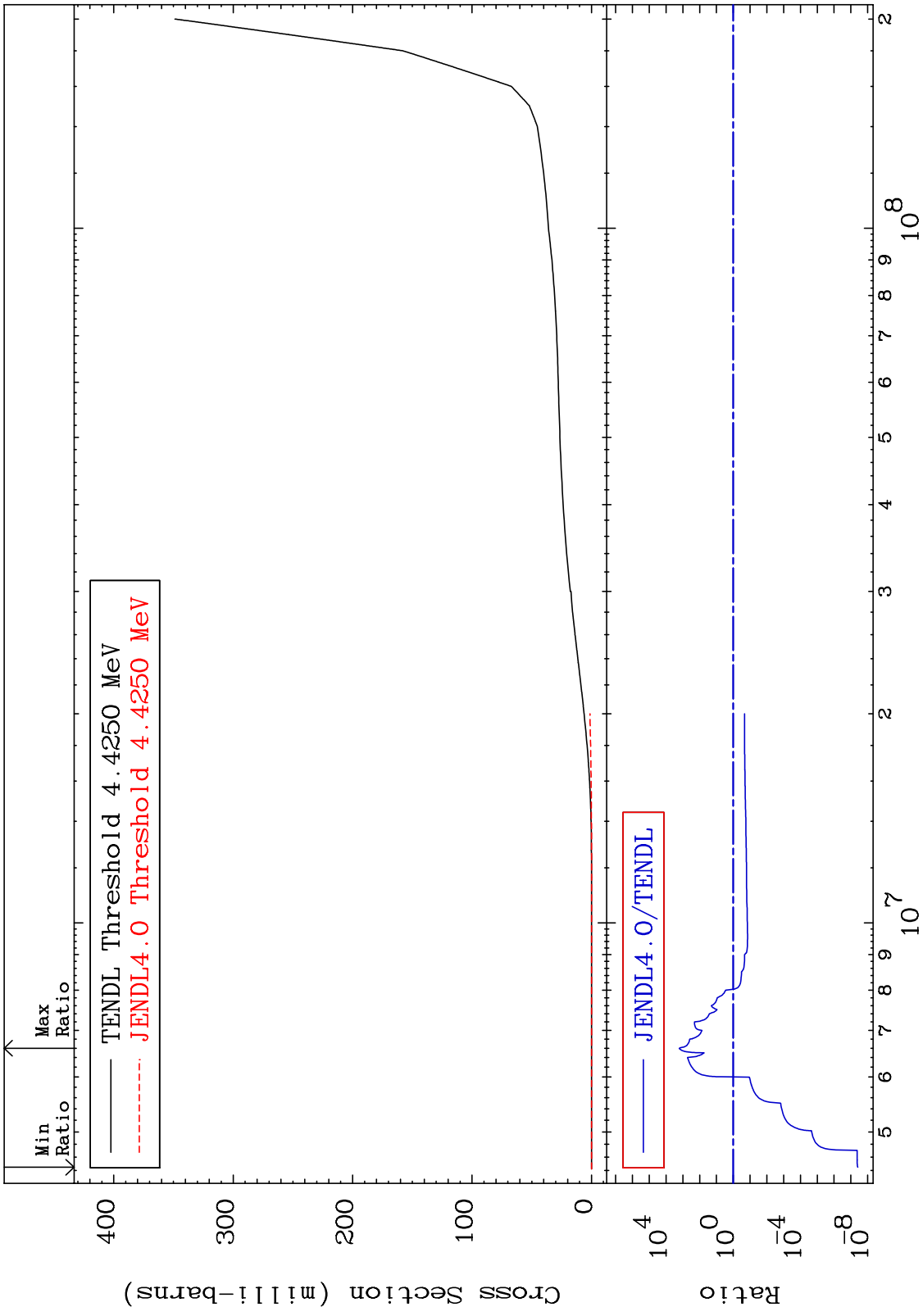


MAT 6325

Deuterium Production
Cross Section

63-Eu-151
-99.37 To 9999. %

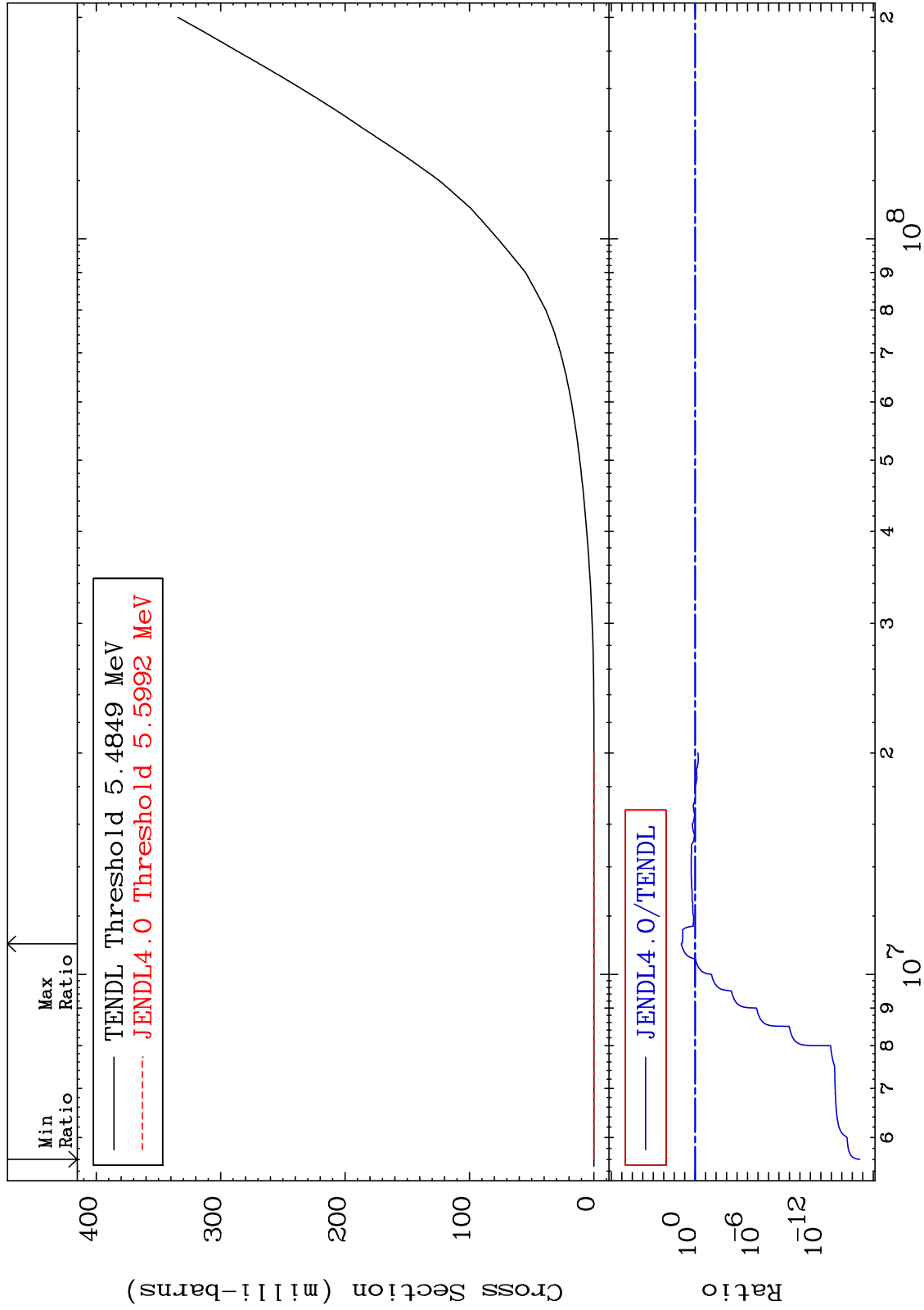




MAT 6325

He-3 Production
Cross Section

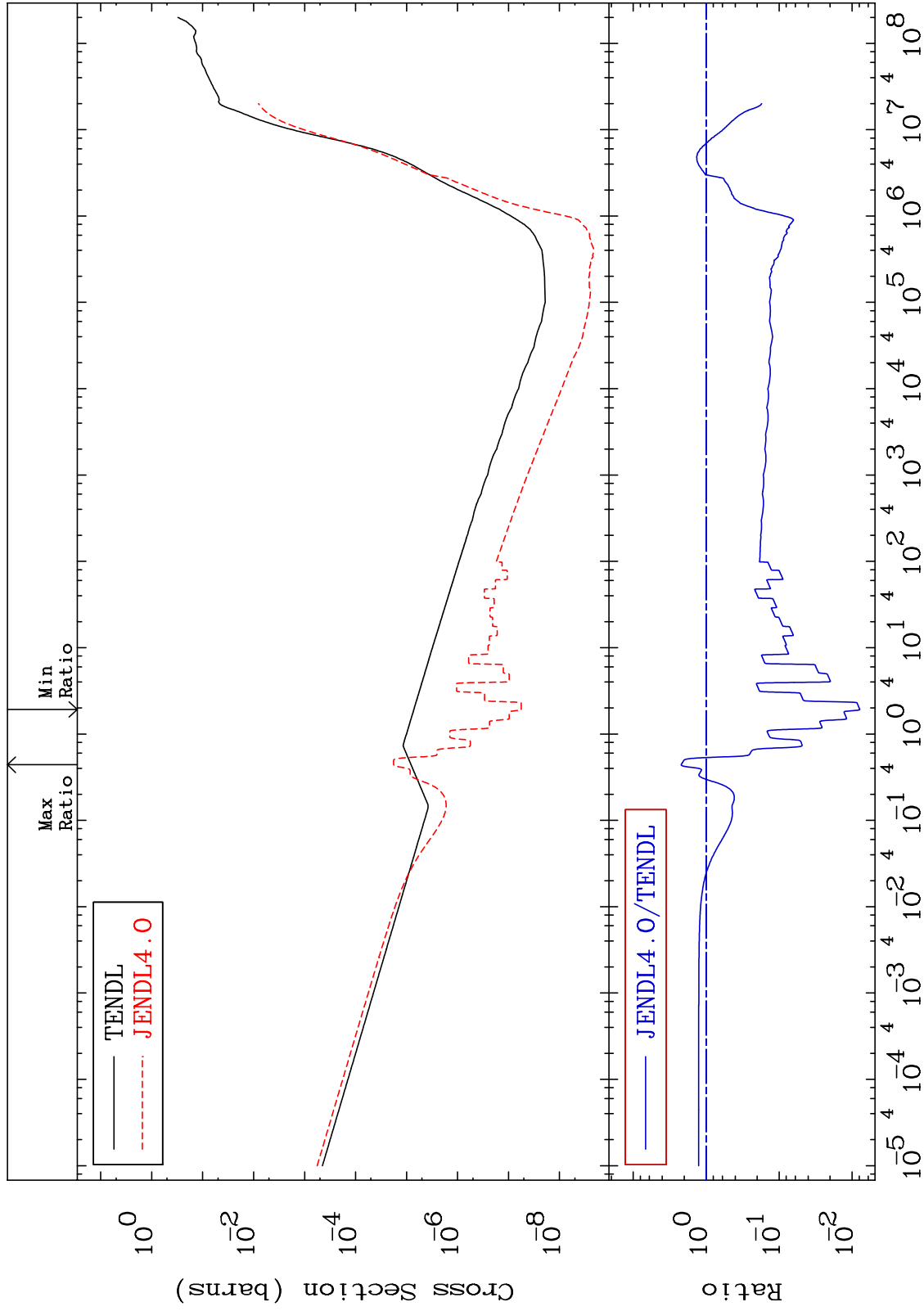
63-Eu-151
-100.0 To 2069. %



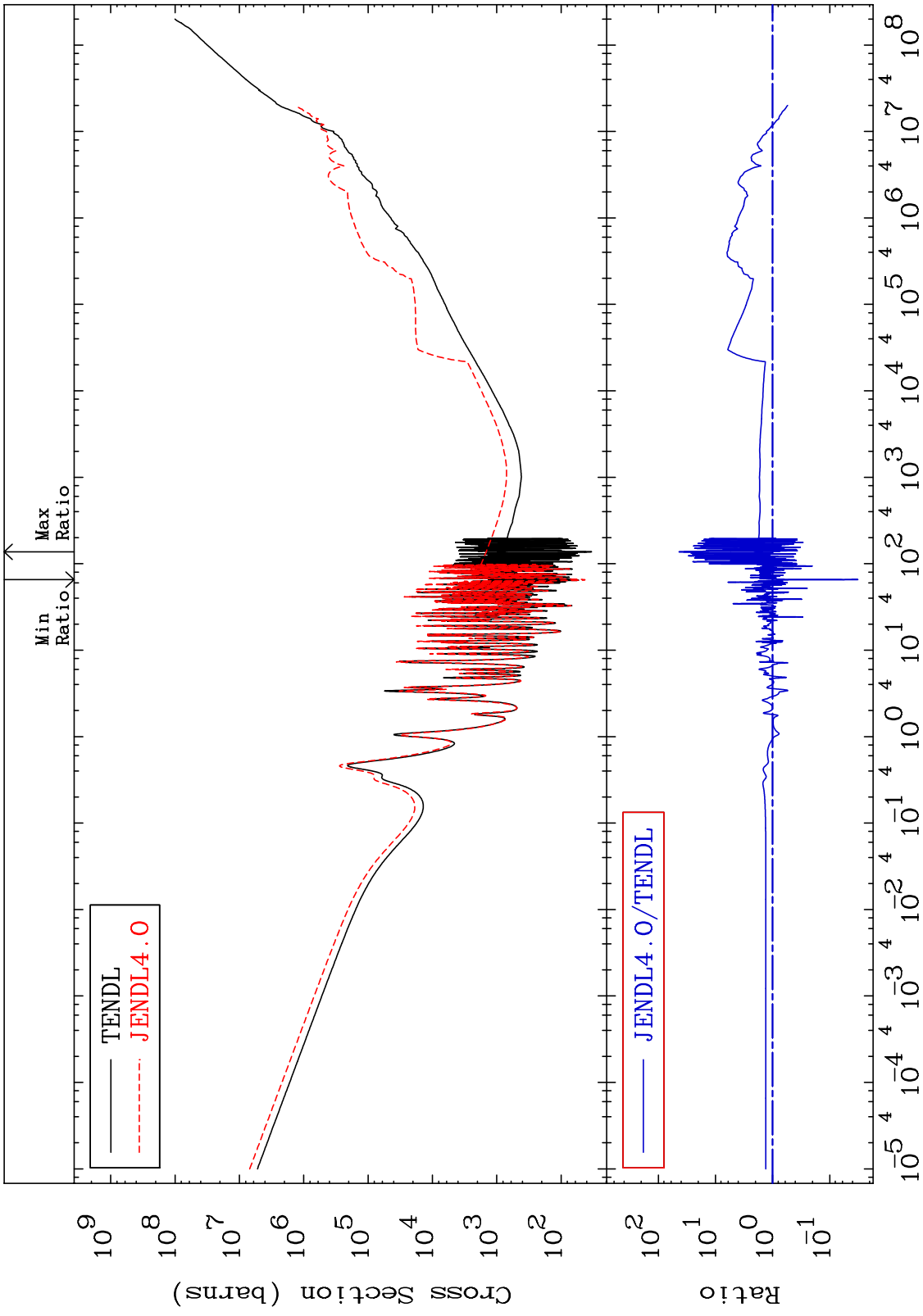
MAT 6325

He-4 Production
Cross Section

63-Eu-151
-99.21 To 119.6 %

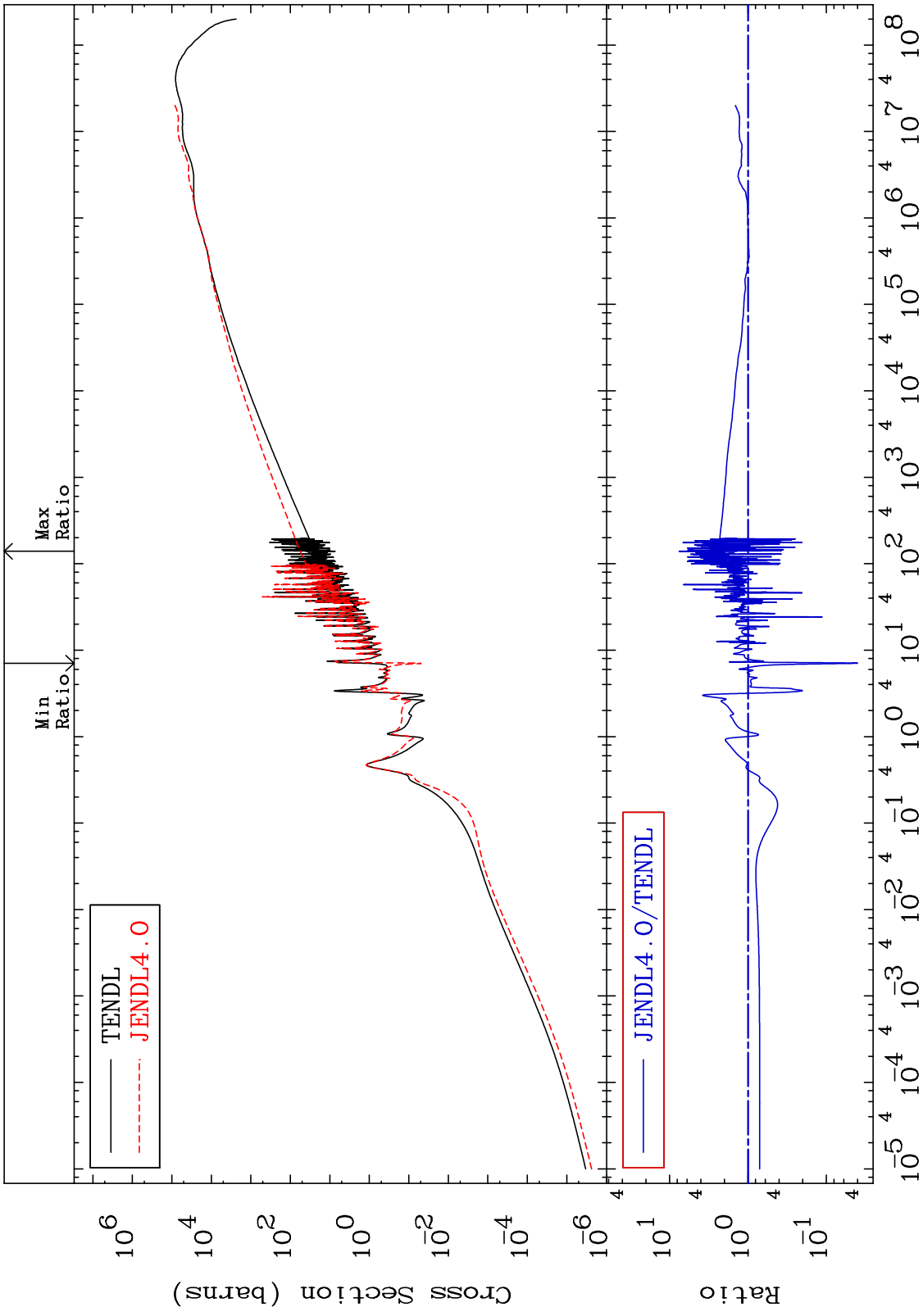


MAT 6325 Kerma total (eV-barns) 63-Eu-151
 Cross Section -96.78 To 4250. %

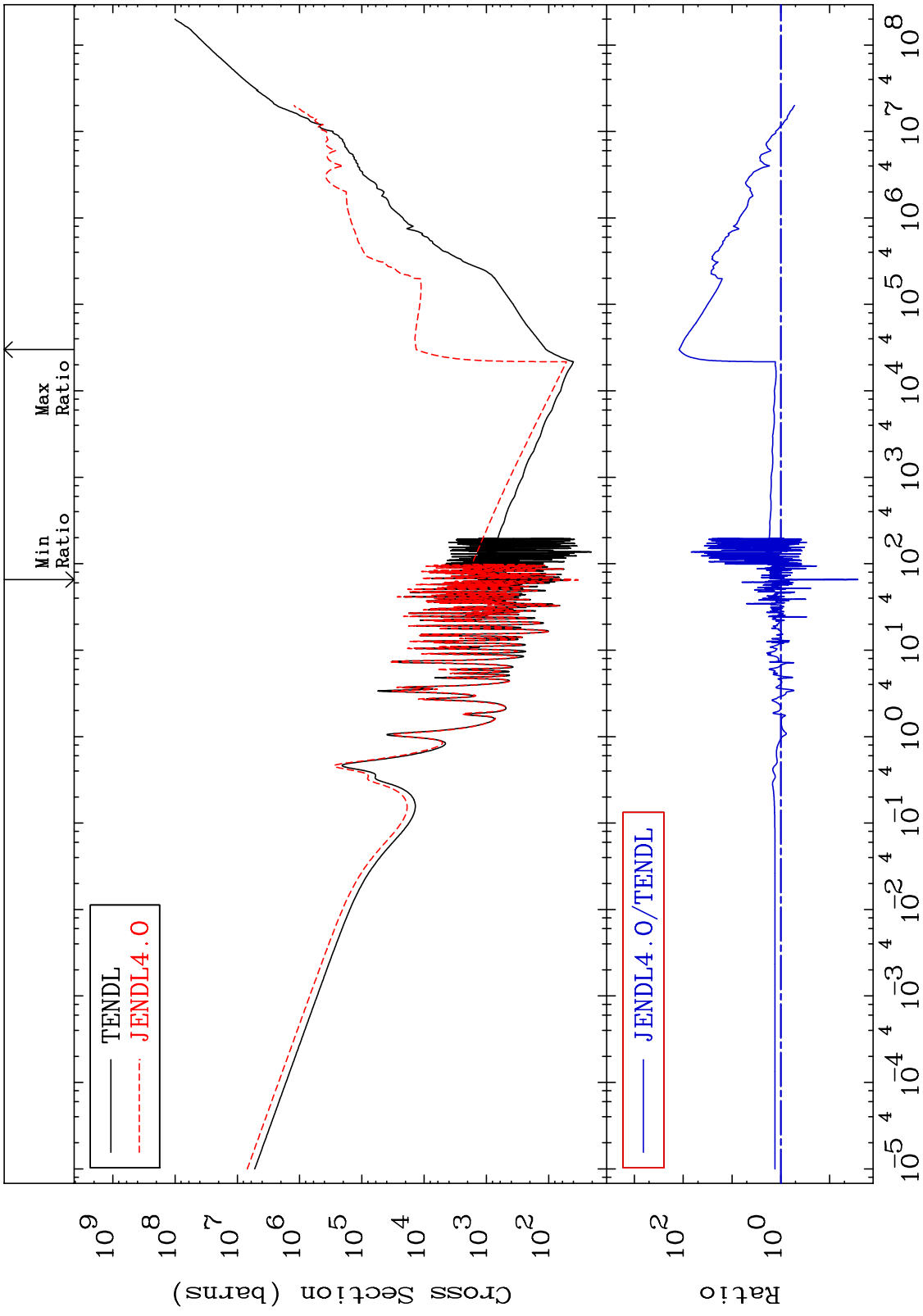


54 Incident Energy (eV) 63-Eu-151

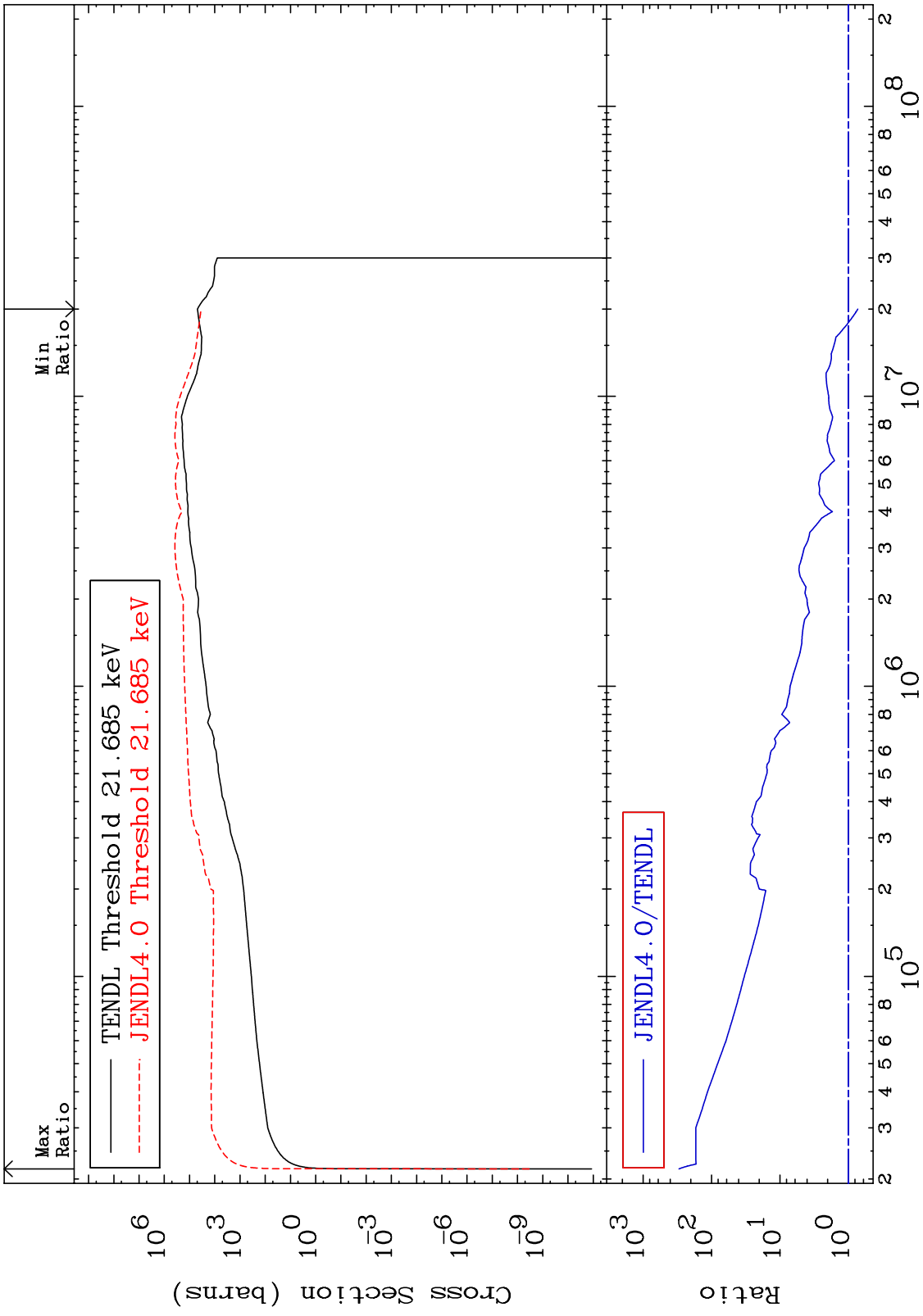
MAT 6325 63-Eu-151
-96.04 To 658.3 %



MAT 6325 Kerma non-elastic (all but mt2) 63-Eu-151
 -97.35 To 9999. %
 Cross Section



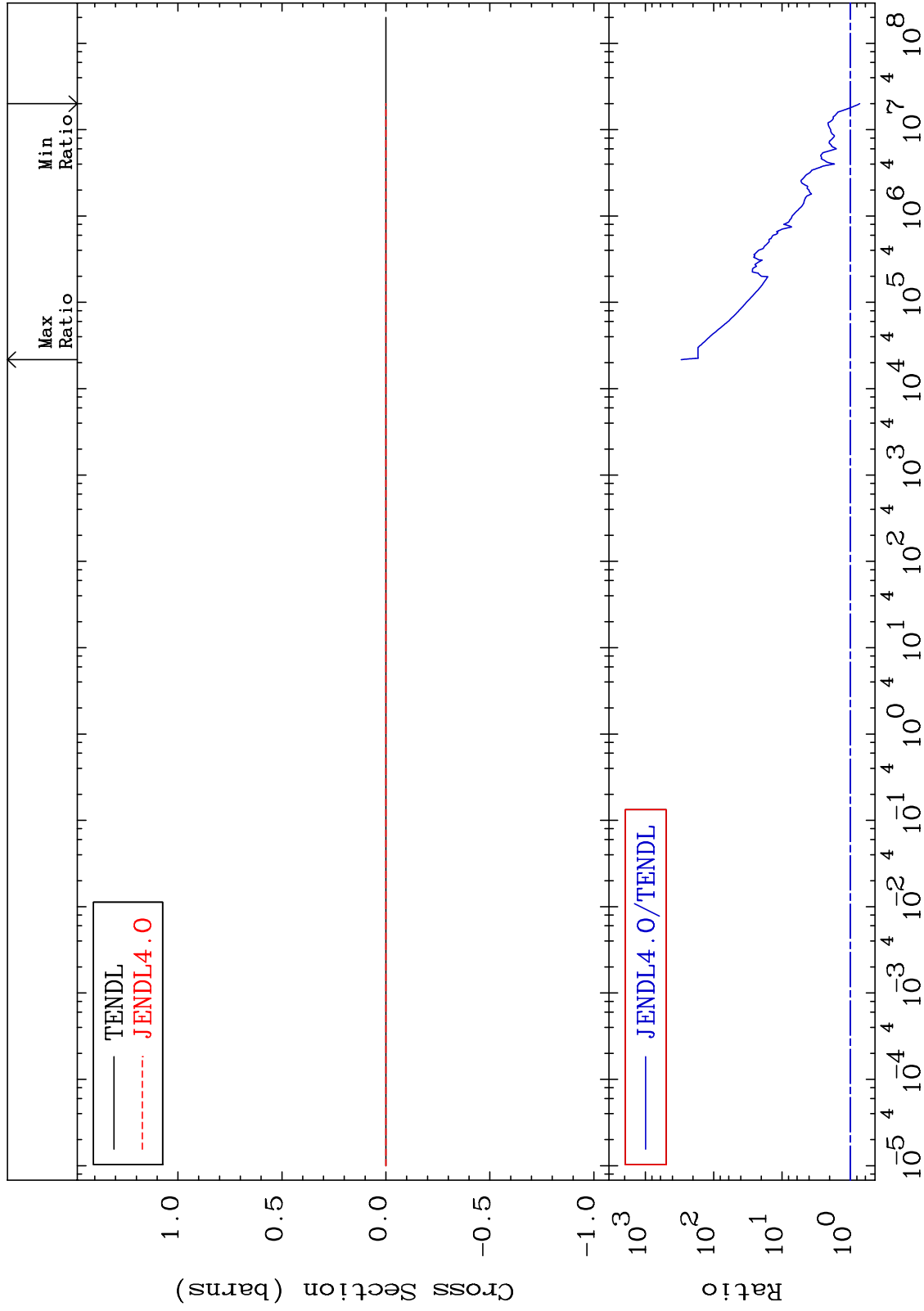
MAT 6325 Kerma inelastic (mt51-91) 63-Eu-151
 Cross Section -27.46 To 9999. %



MAT 6325

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

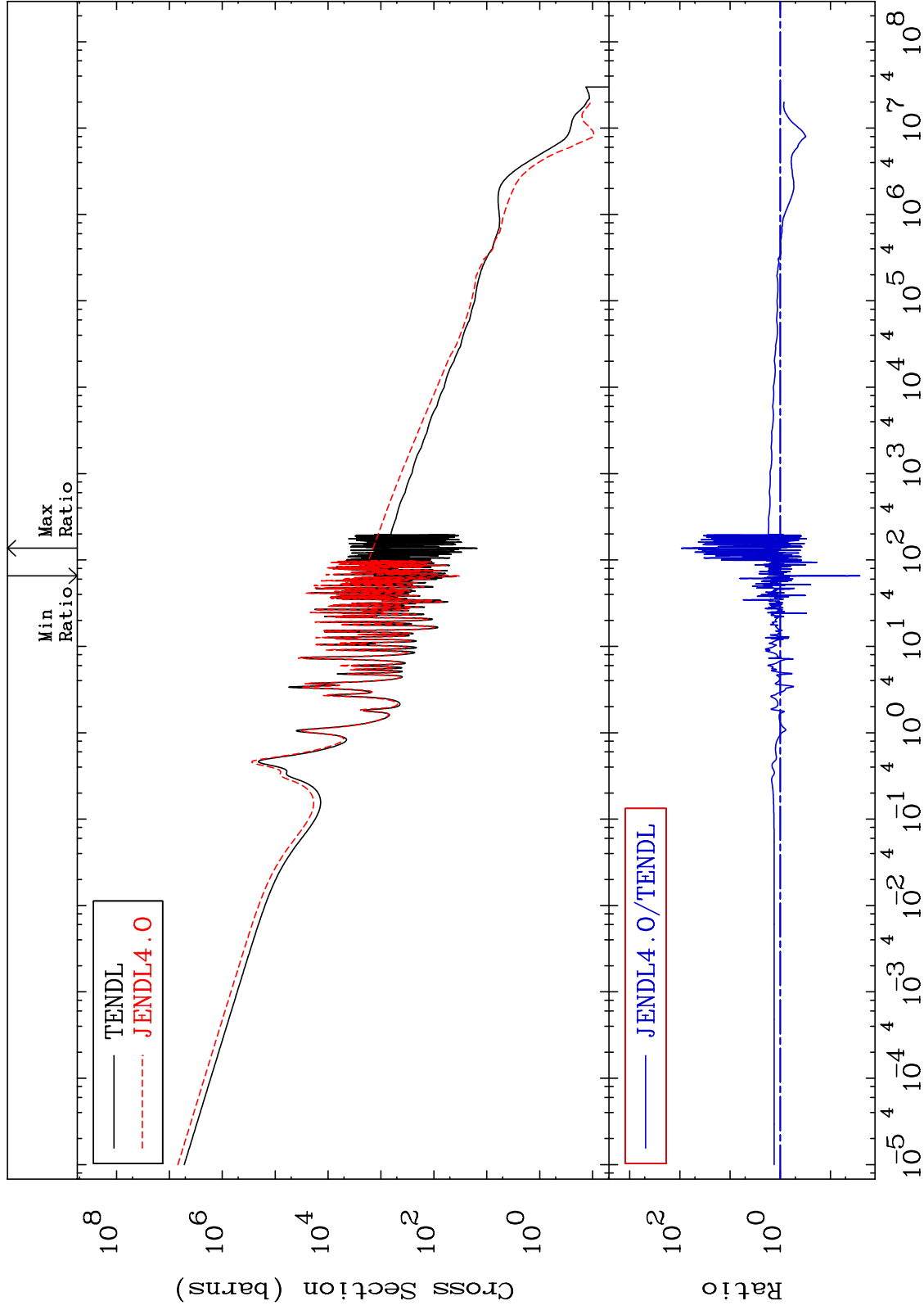
63-Eu-151
-27.46 To 9999. %



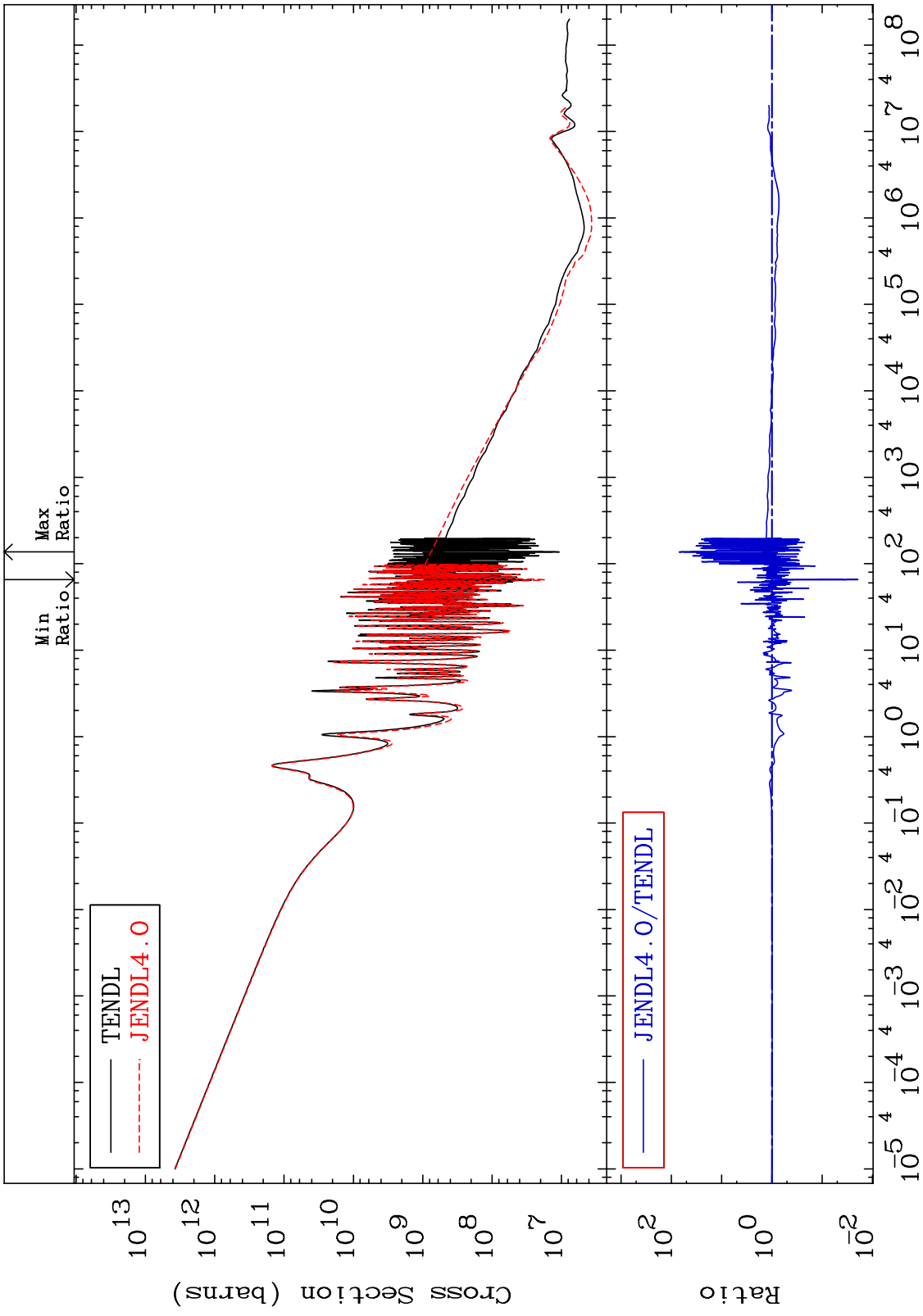
MAT 6325

Kerma capture (mt102)
Cross Section

63-Eu-151
-97.40 To 9248. %

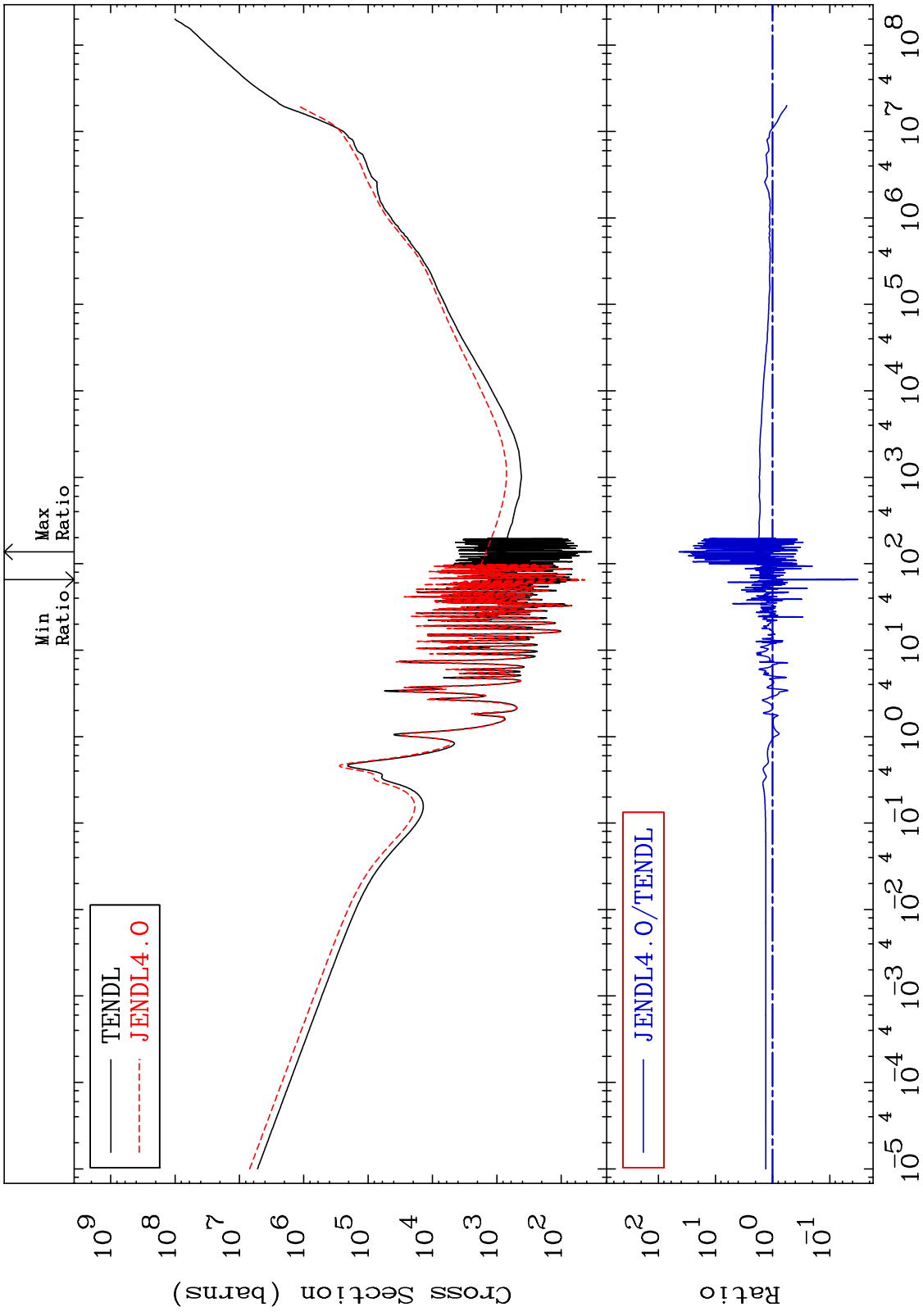


MAT 6325 Total photon (eV-barns) 63-Eu-151
Cross Section -98.05 To 6908. %

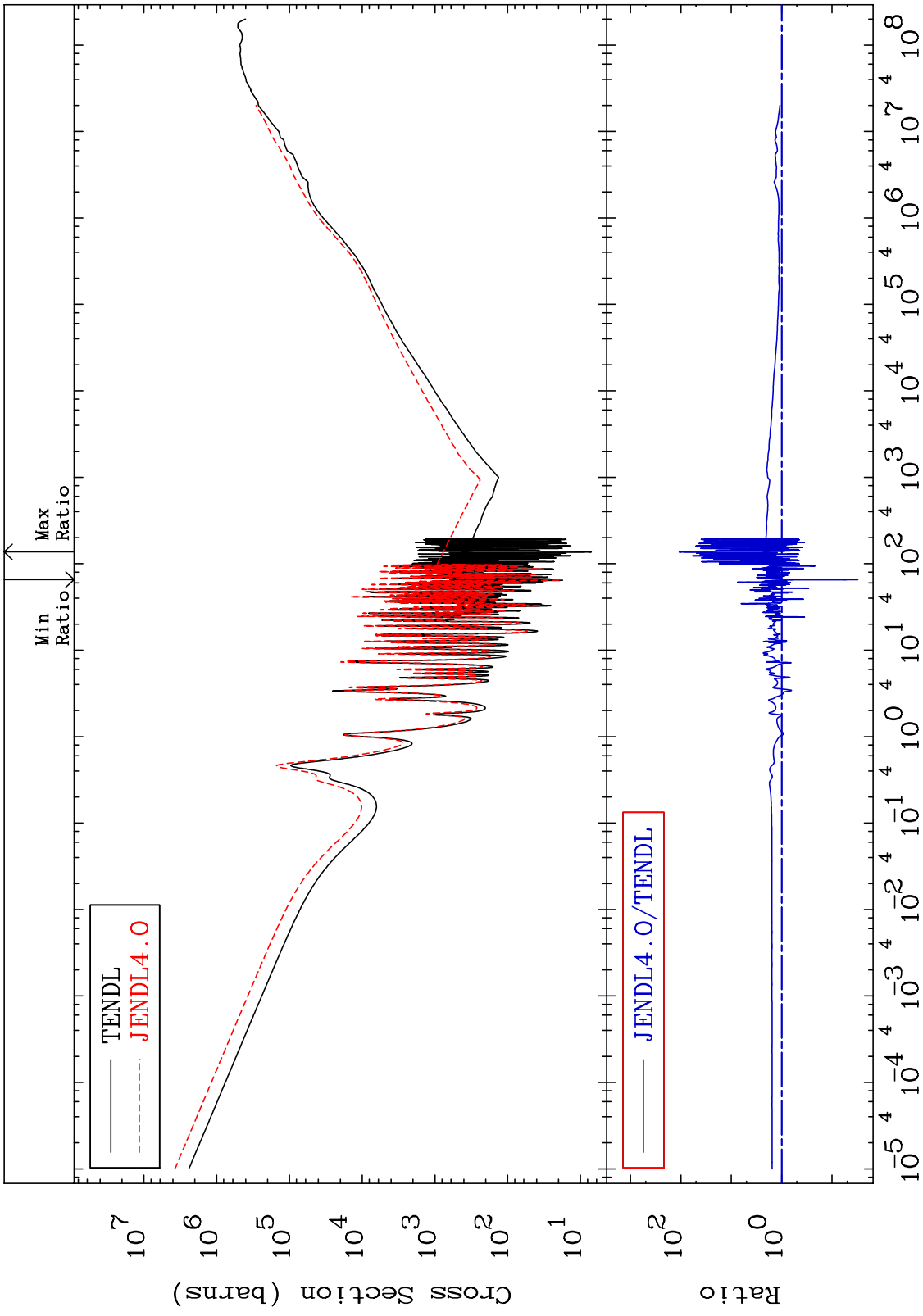


60 63-Eu-151

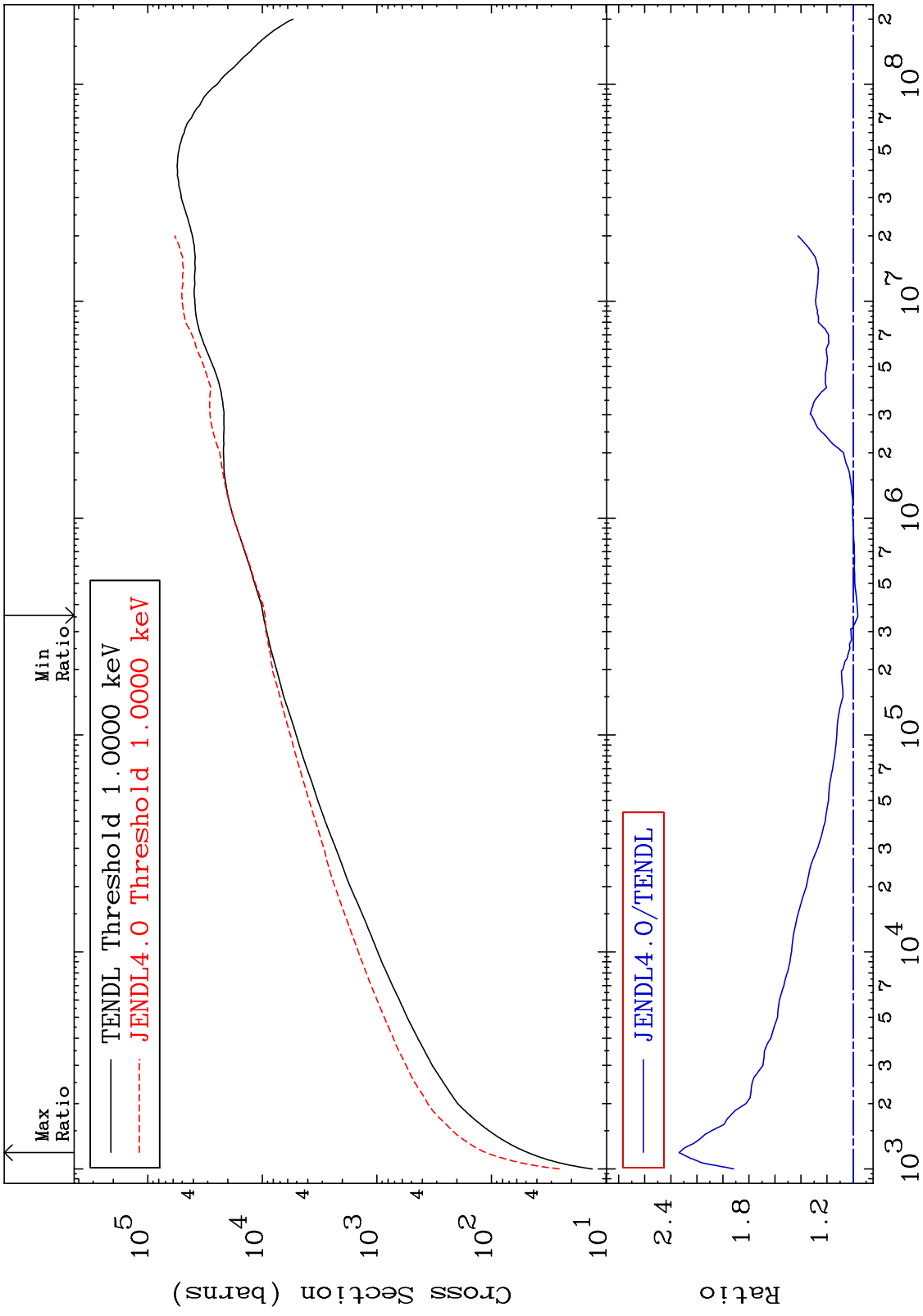
MAT 6325 Total kinematic kerma (high limit) 63-Eu-151
 Cross Section -96.78 To 4247. %



MAT 6325 Dpa total (eV-barns) 63-Eu-151
Cross Section -96.92 To 9999. %

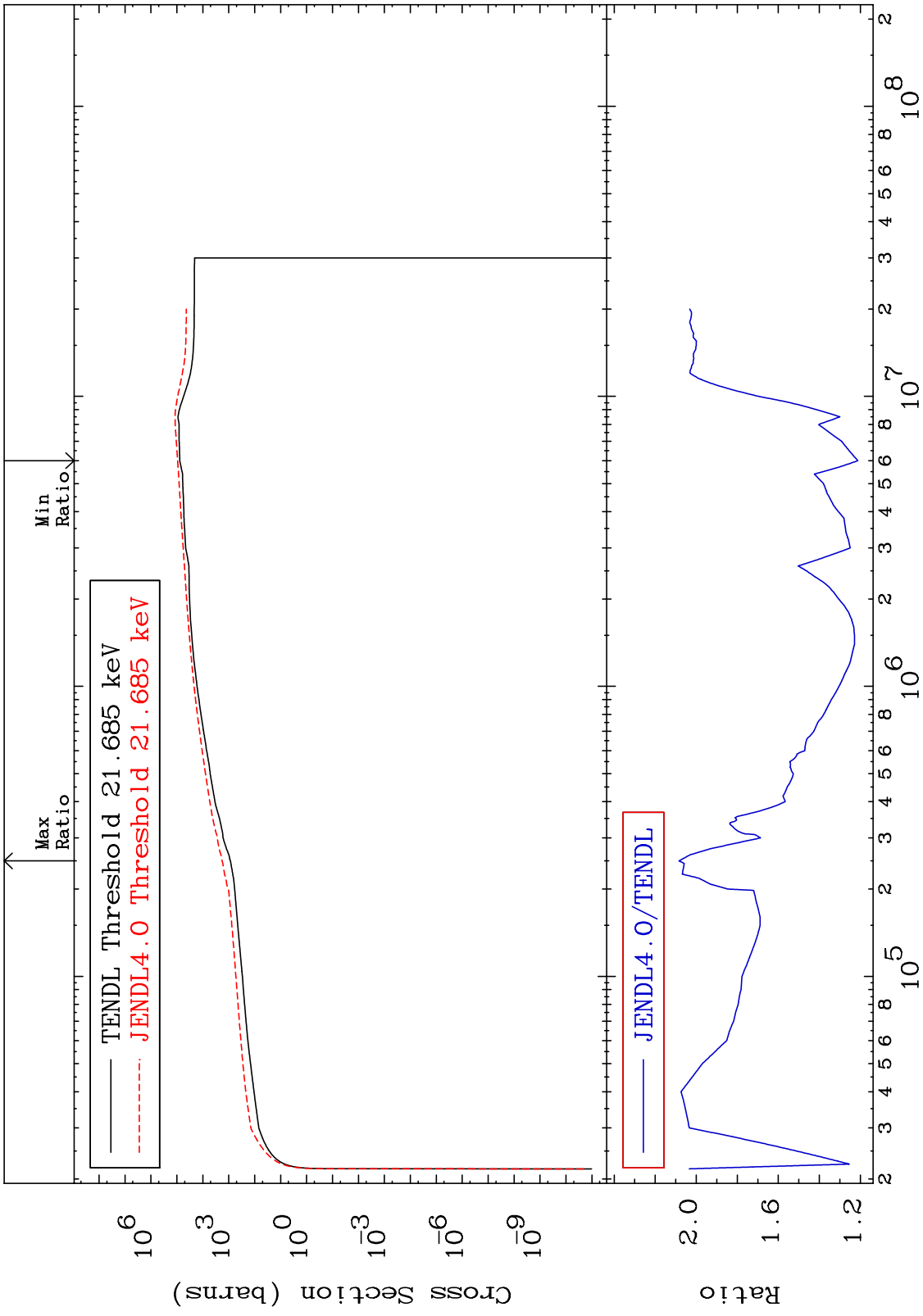


MAT 6325 Dpa elastic (mt2) 63-Eu-151
Cross Section -3.621 To 133.7 %



63 63-Eu-151

MAT 6325 Dpa inelastic (mt51-91) 63-Eu-151
 Cross Section 21.22 To 108.4 %



MAT 6325 Dpa disappearance (mt102 -120) 63-Eu-151
 Cross Section -96.92 To 9999. %

