

Program Complot
(Version 2018-1)

by

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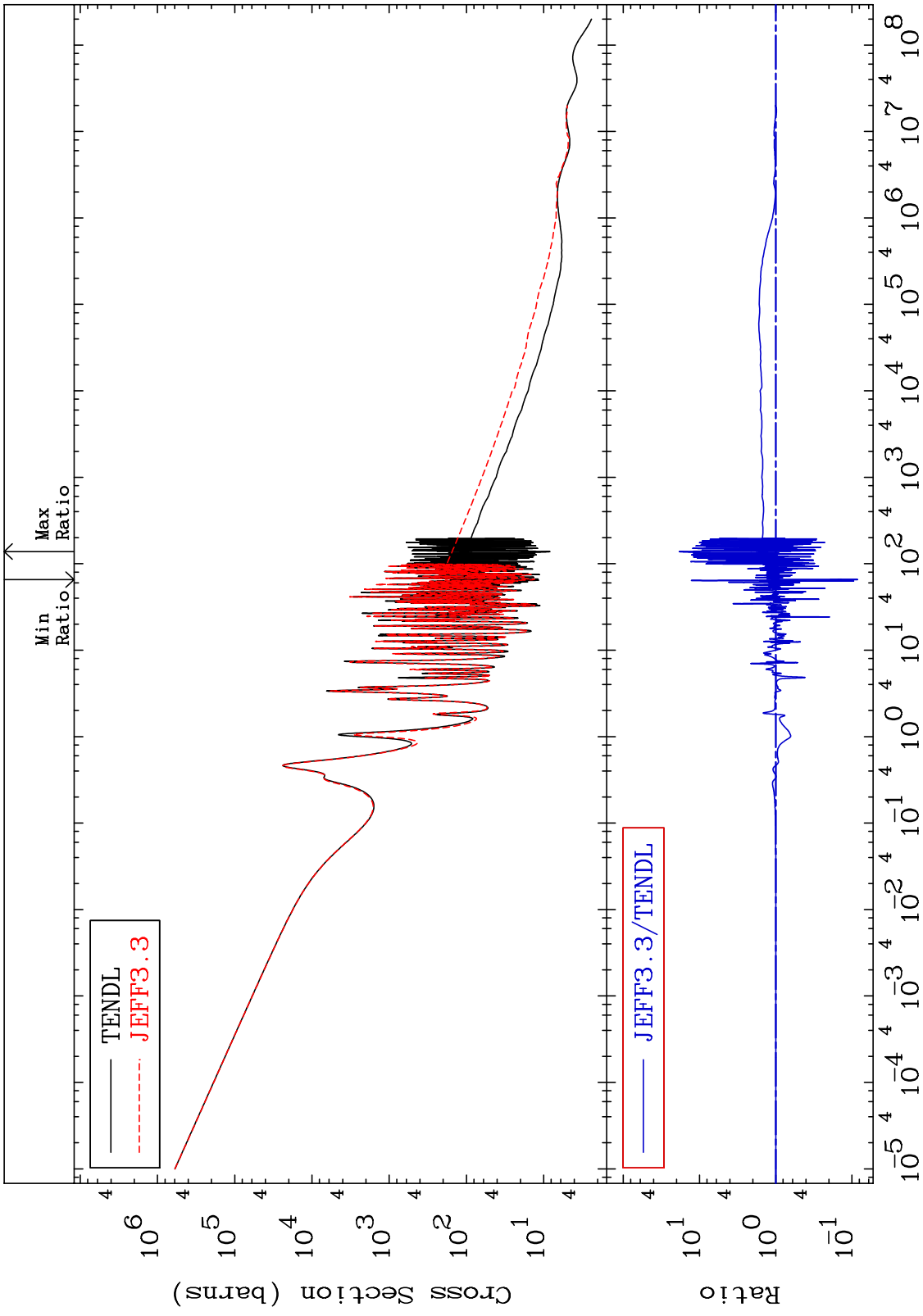
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6325 63-Eu-151
Total Cross Section -91.64 To 1757. %



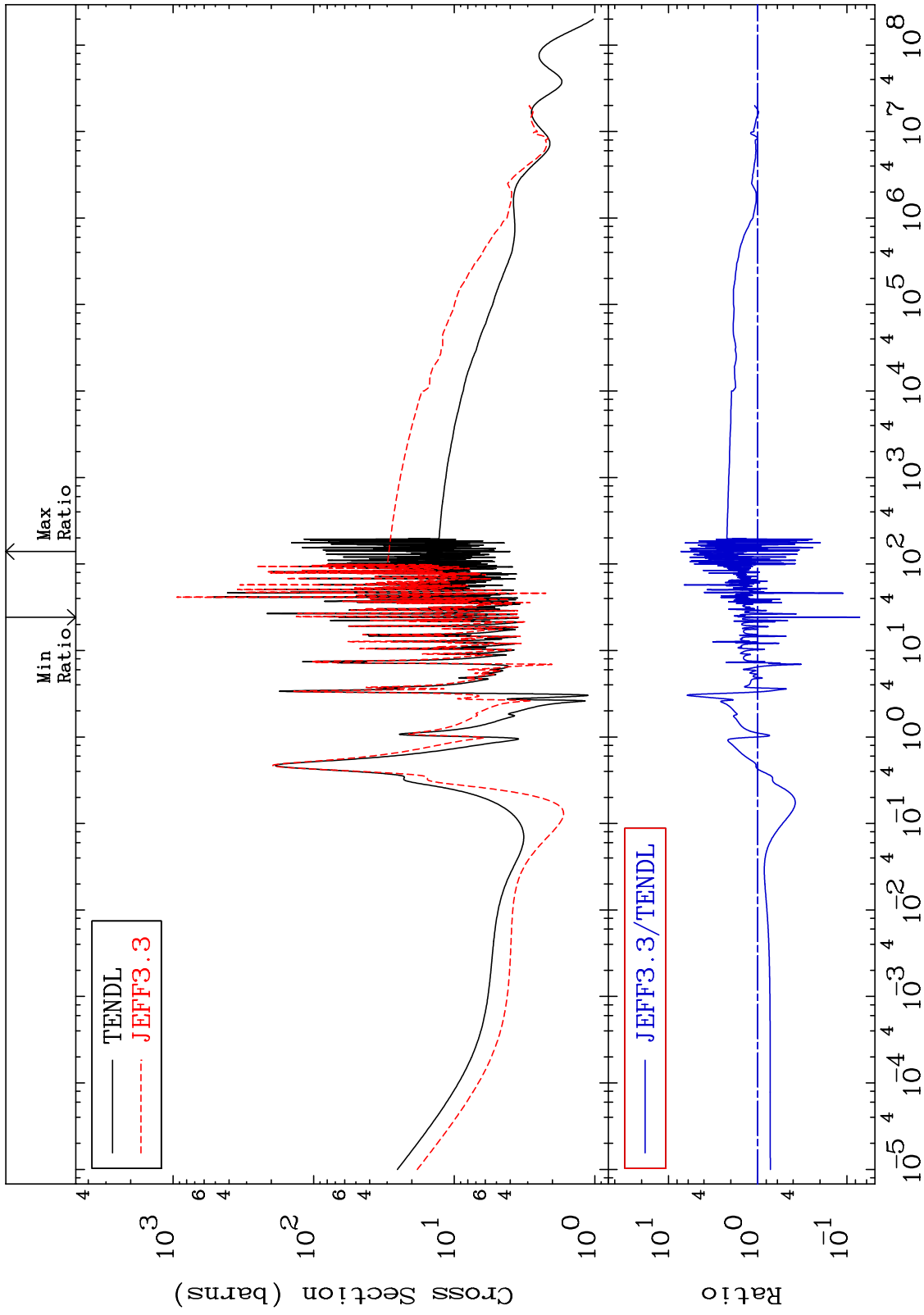
1 63-Eu-151

MAT 6325

Elastic
Cross Section

63-Eu-151

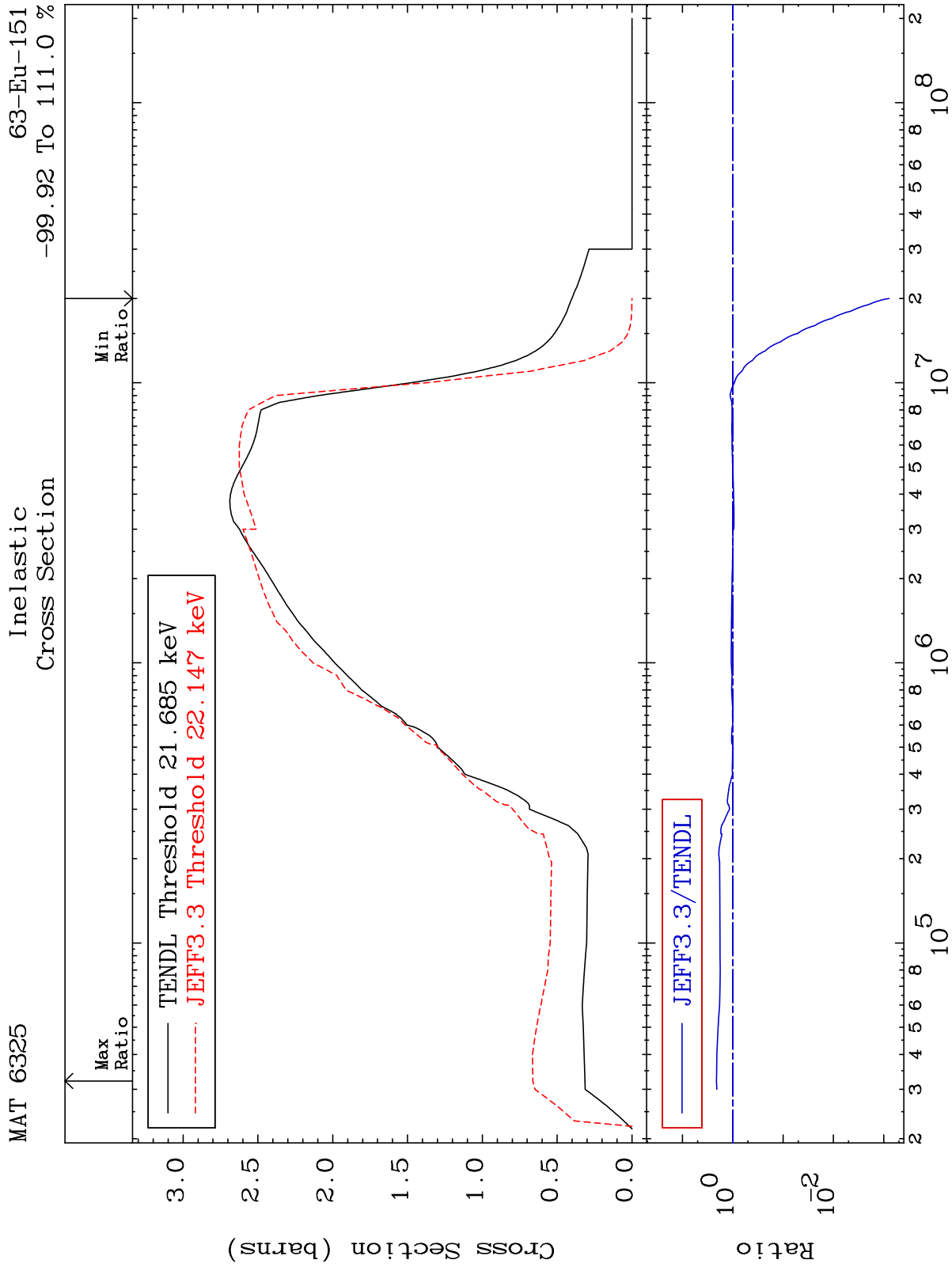
-92.81 To 627.0 %



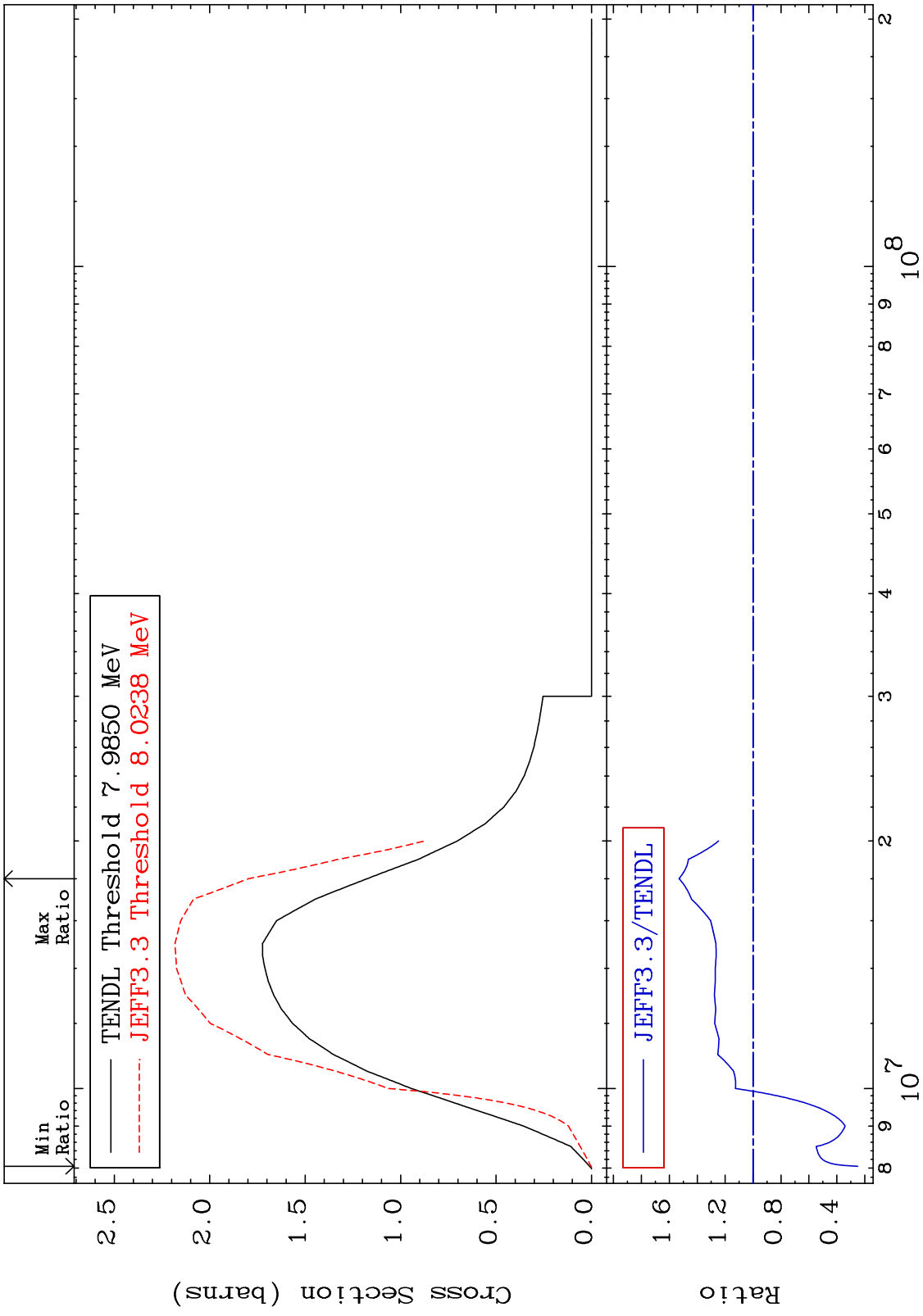
2

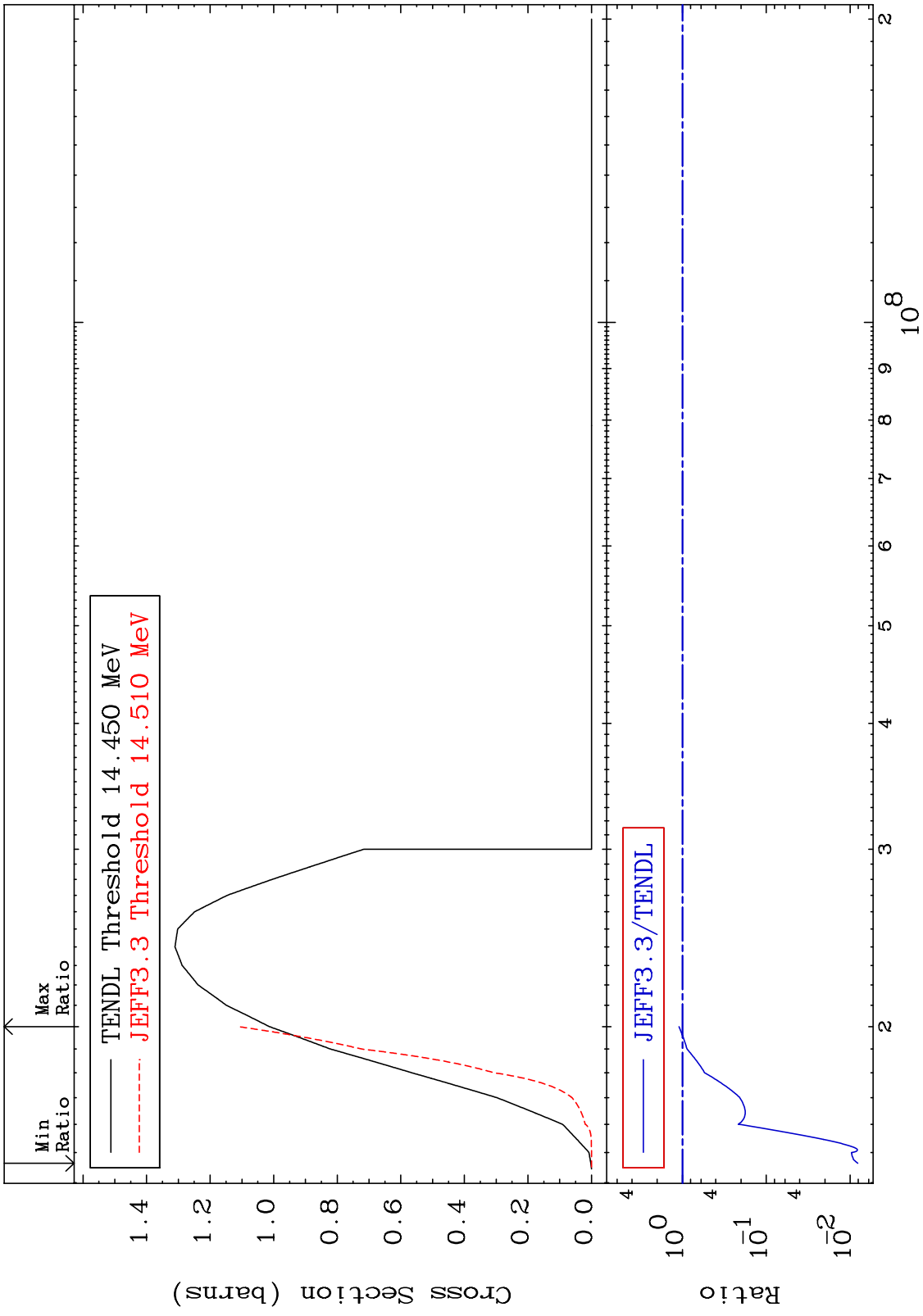
Incident Energy (eV)

63-Eu-151

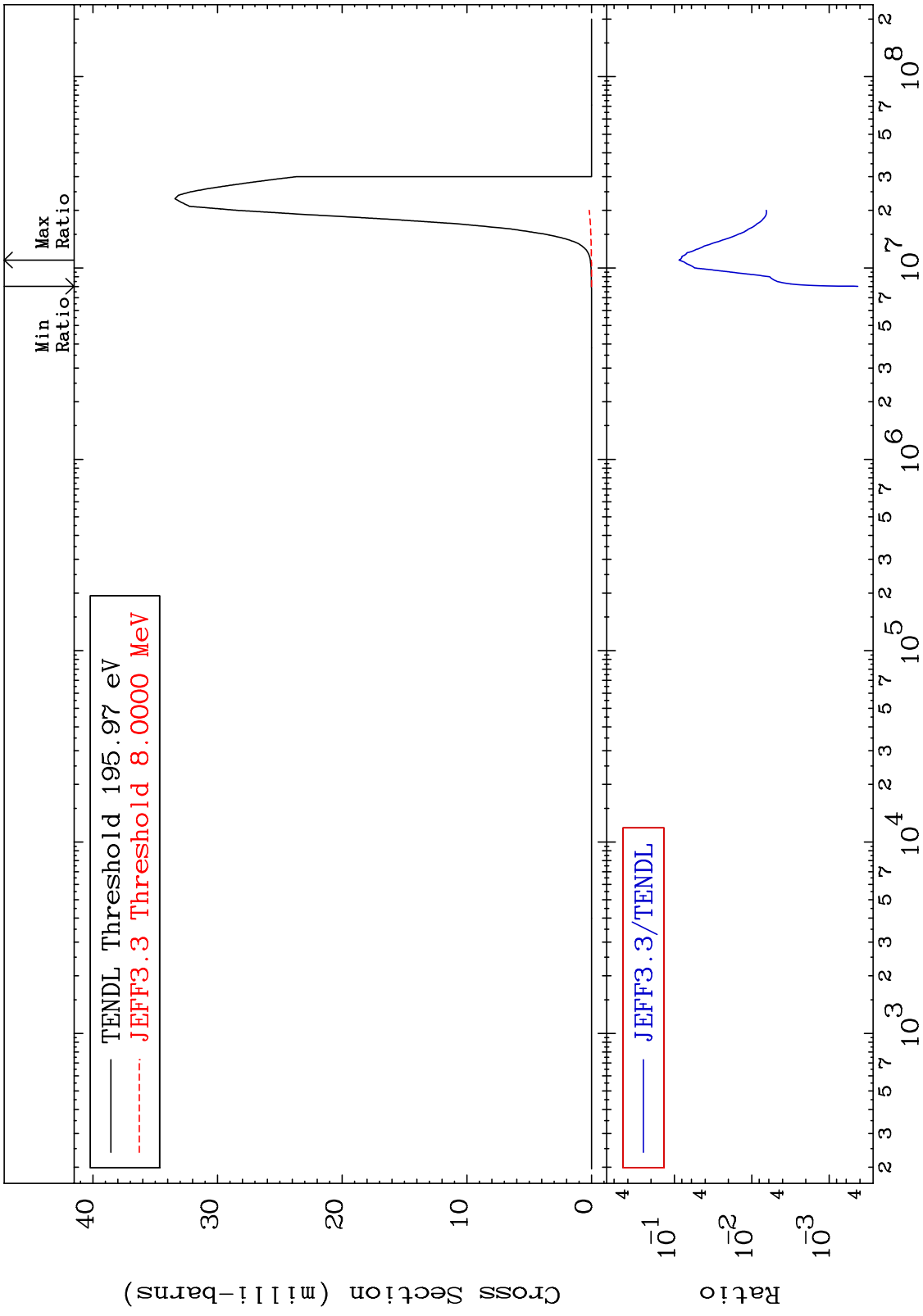


MAT 6325 $(n,2n)$ Cross Section ${}^{63}\text{Eu-151}$
 -75.04 To 53.03 %

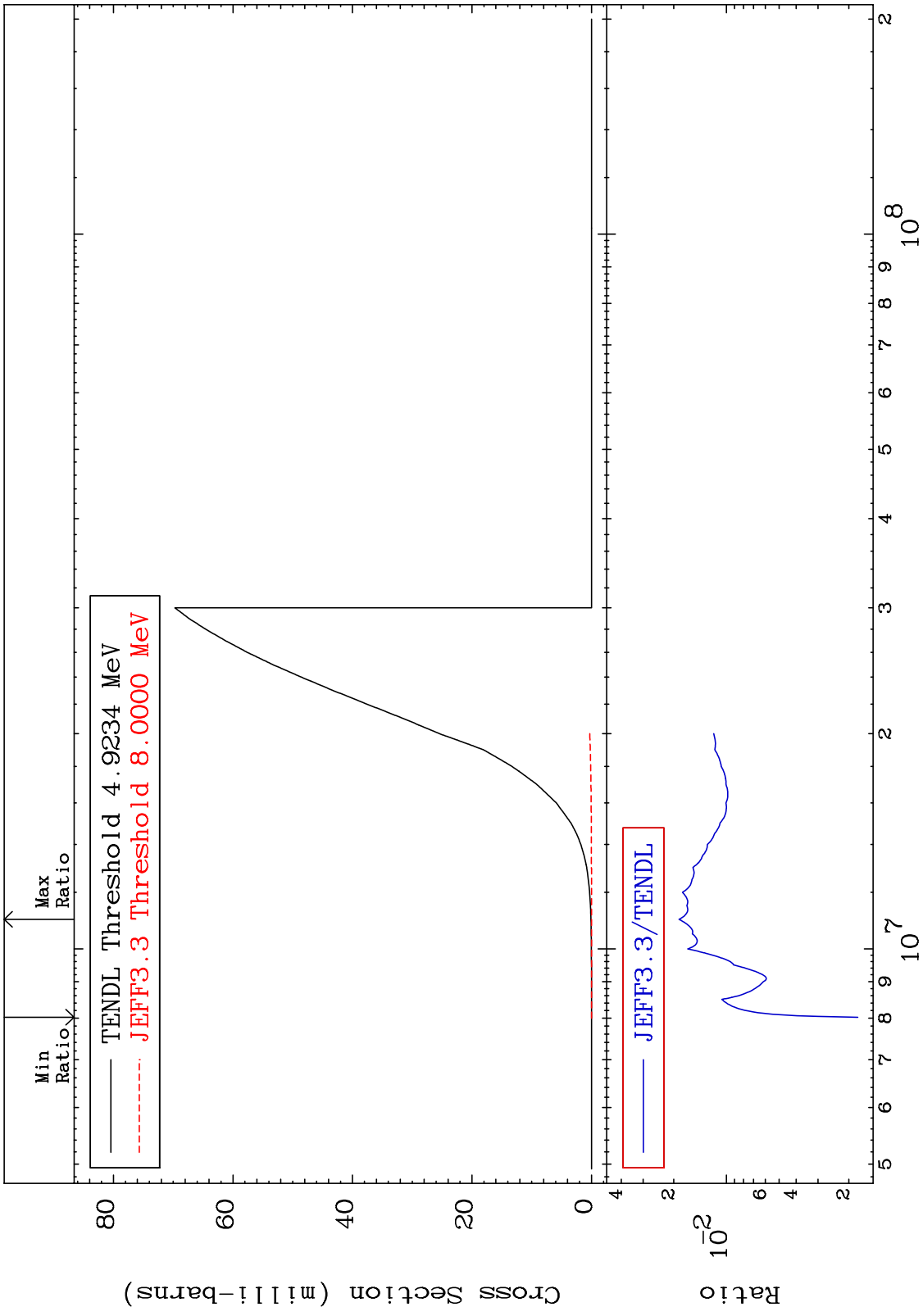




MAT 6325 $(n, n') \alpha$ Cross Section $^{63}\text{Eu}-151$ -99.96 To -91.30%

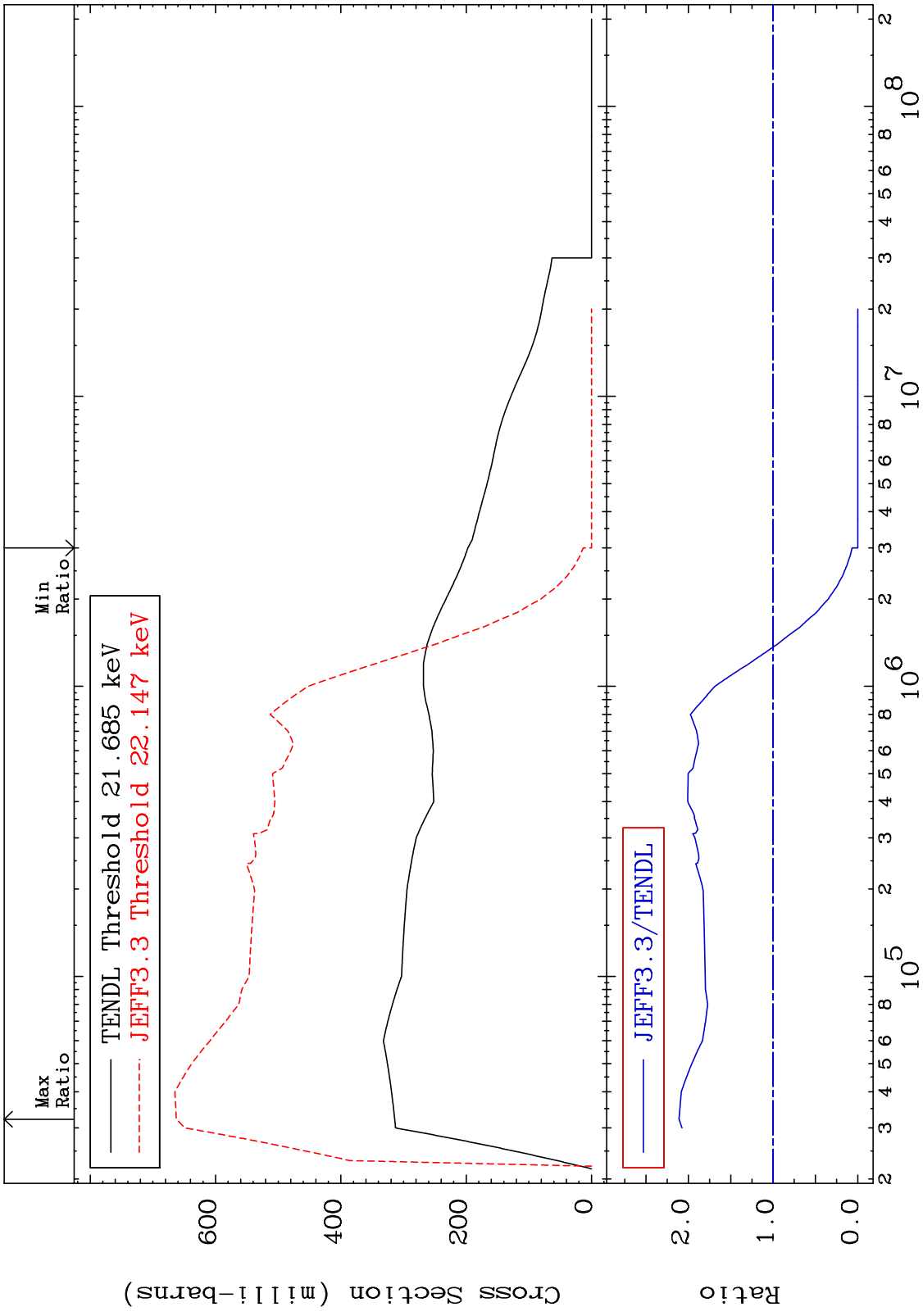


MAT 6325 (n, n') p $^{63}\text{Eu-151}$
 Cross Section -99.82 To -98.13%

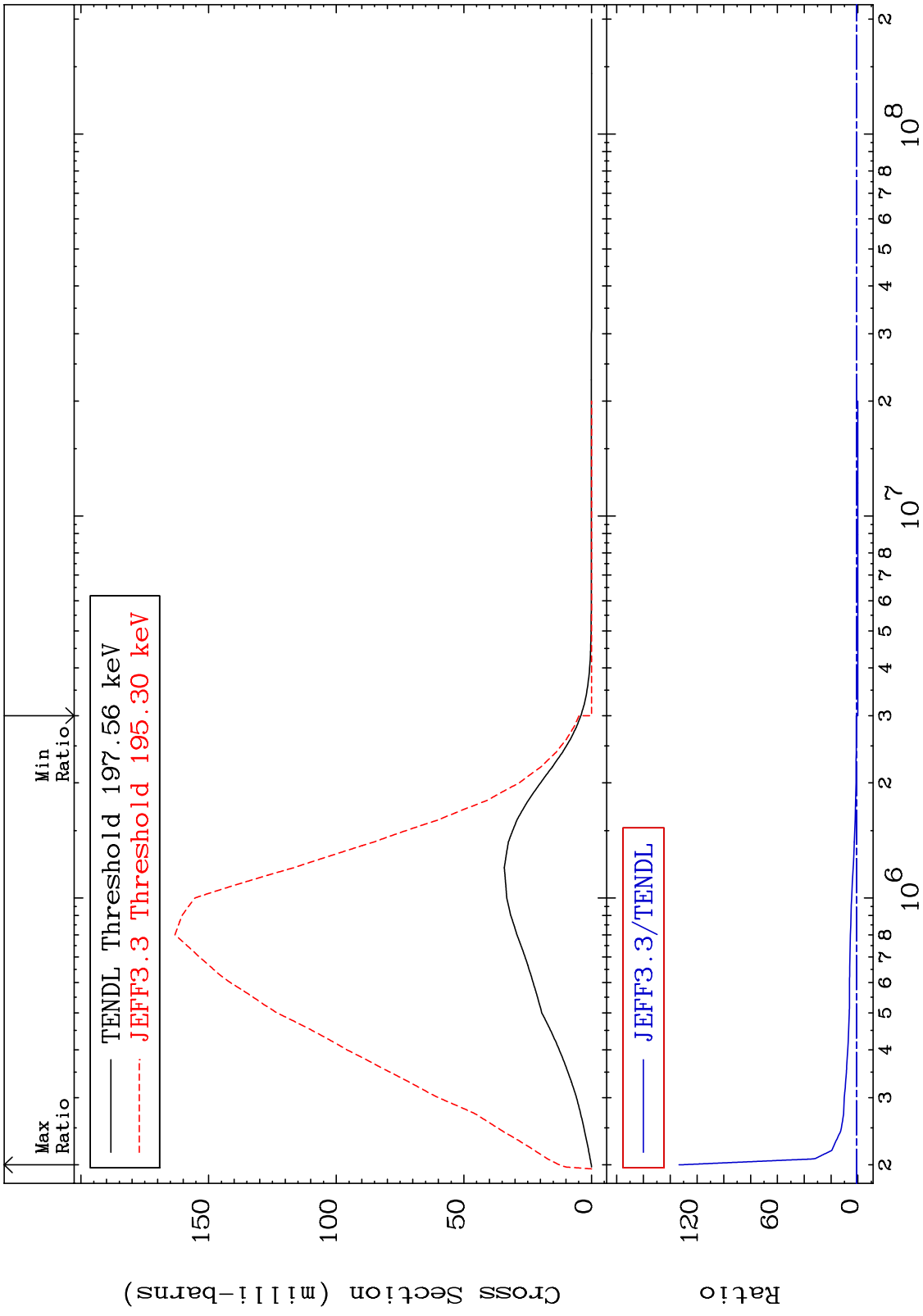


7 $^{63}\text{Eu-151}$
 Incident Energy (eV)

MAT 6325 MT= 51 (n,n') Level Cross Section 63-Eu-151 -100.0 To 111.0 %

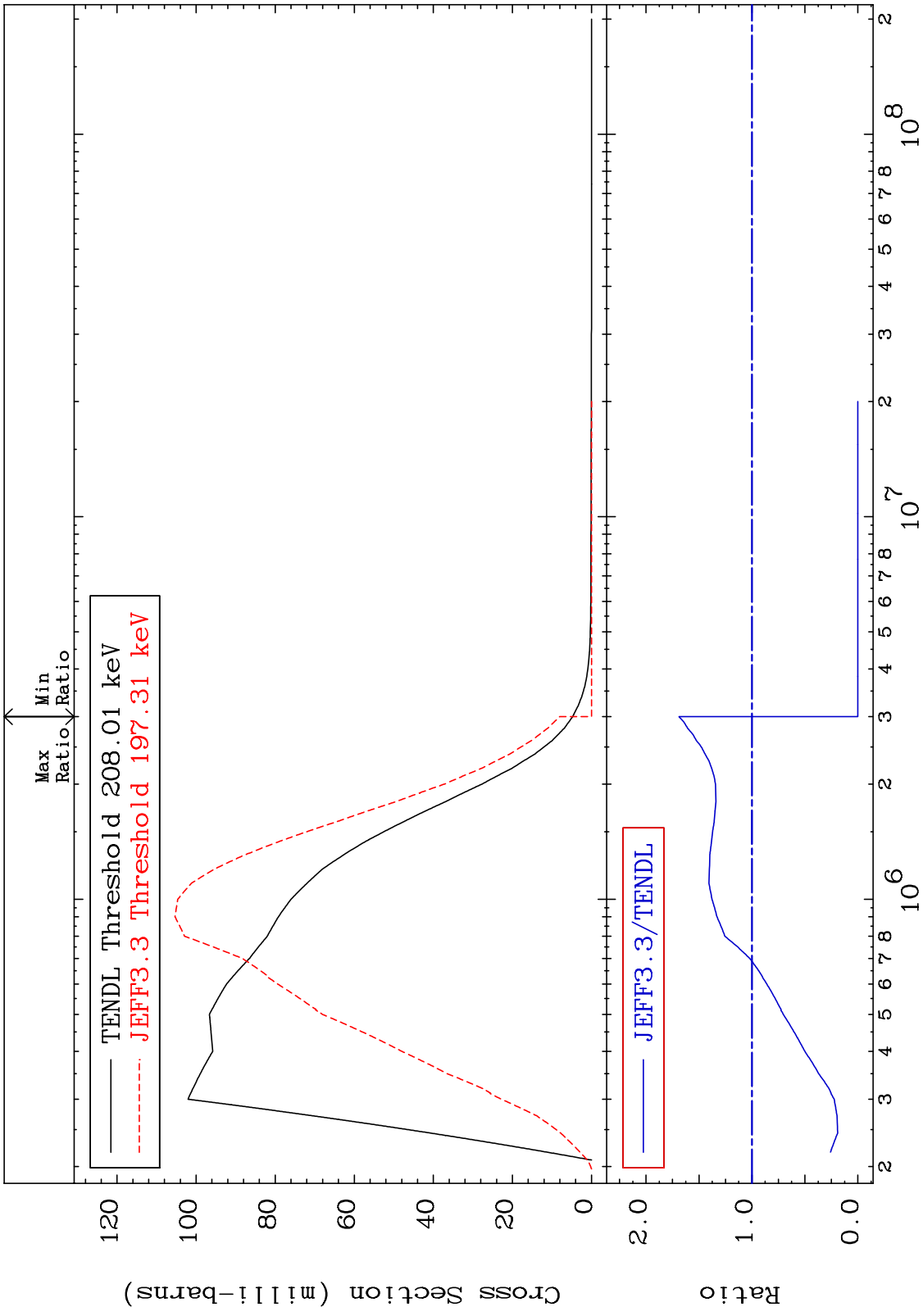


MAT 6325 MT= 52 (n,n') Level Cross Section 63-Eu-151
 -100.0 To 9999. %



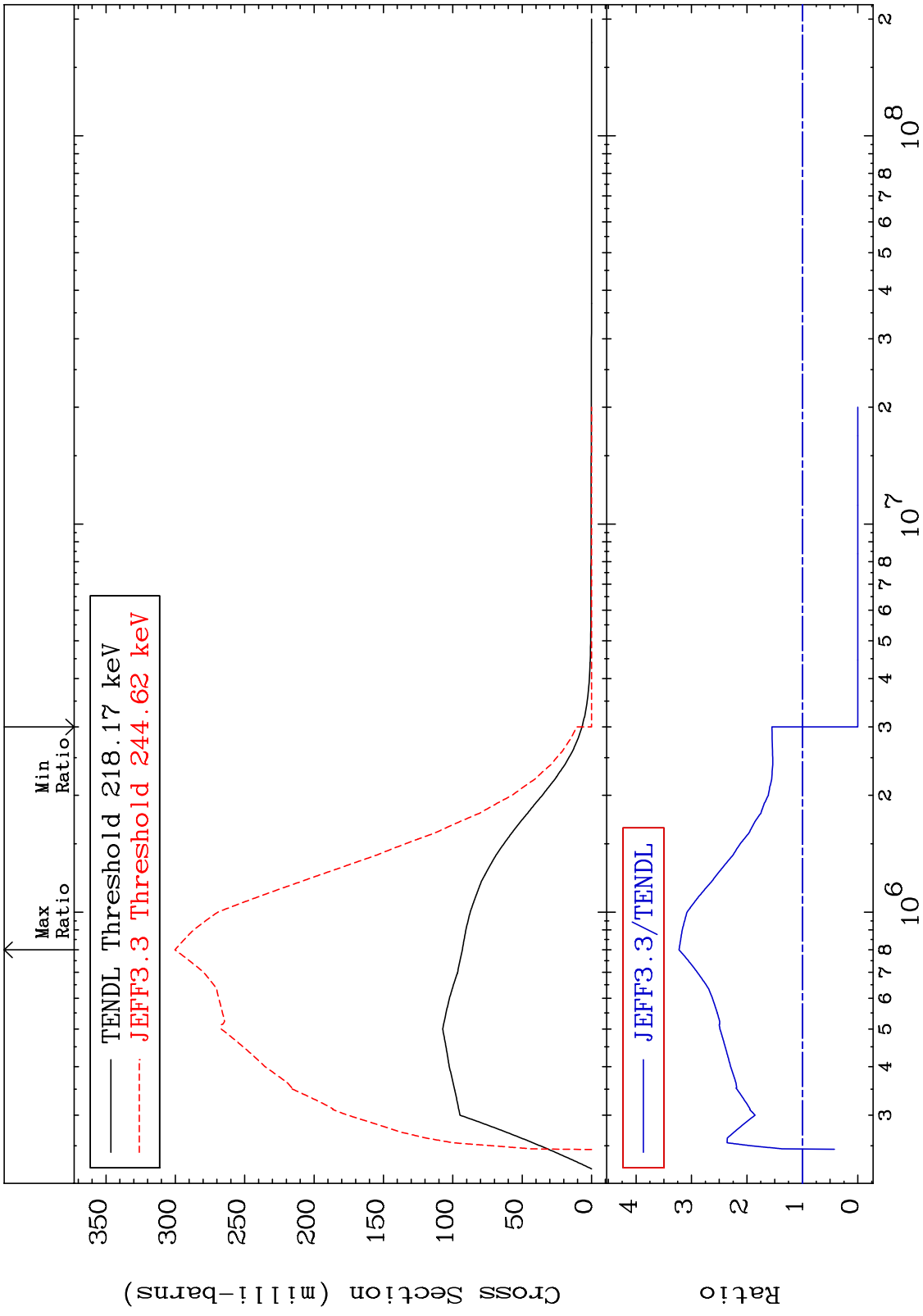
9 Incident Energy (eV) 63-Eu-151

MAT 6325 MT= 53 (n,n') Level Cross Section 63-Eu-151
 -100.0 To 68.82 %

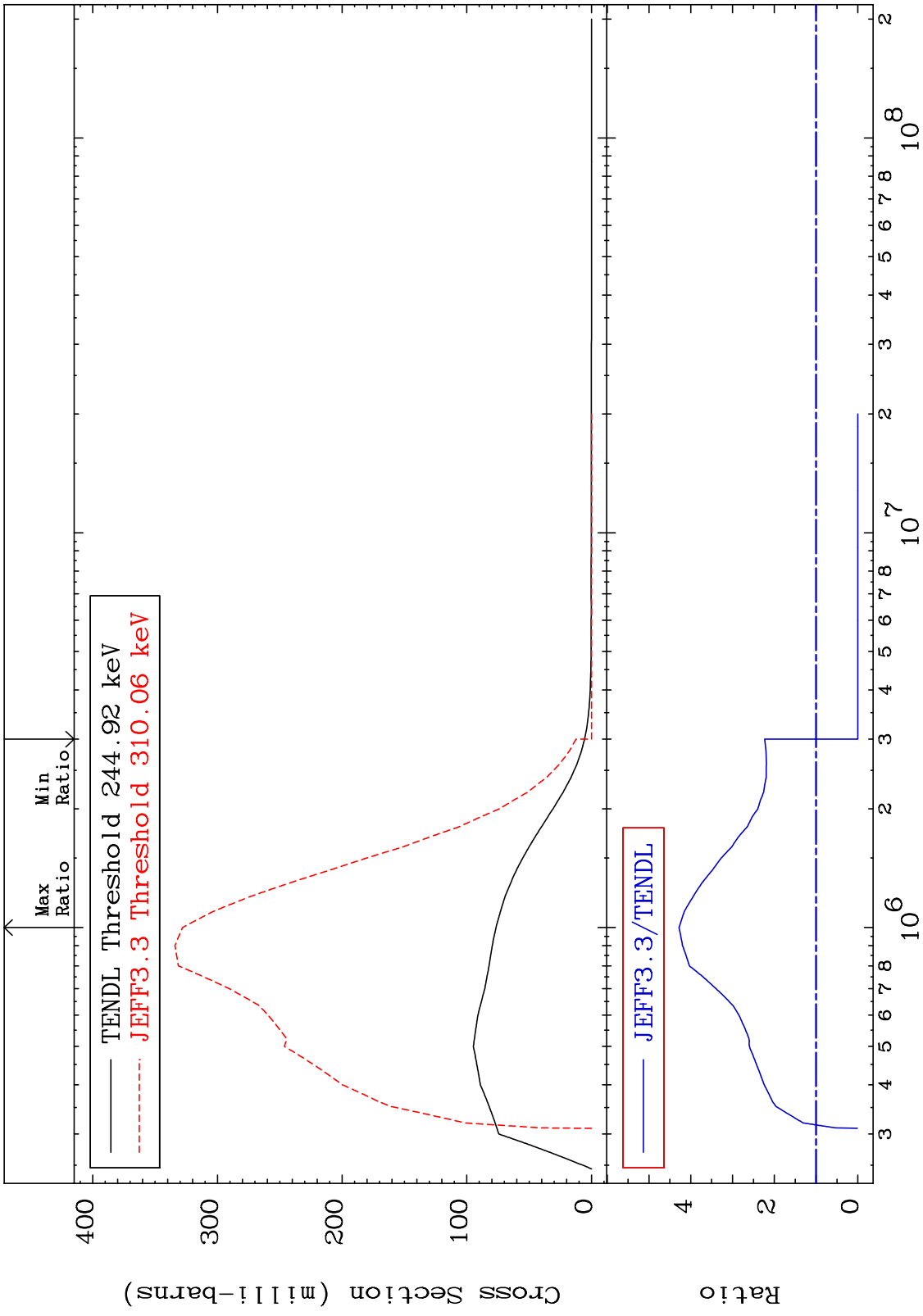


10 Incident Energy (eV) 63-Eu-151

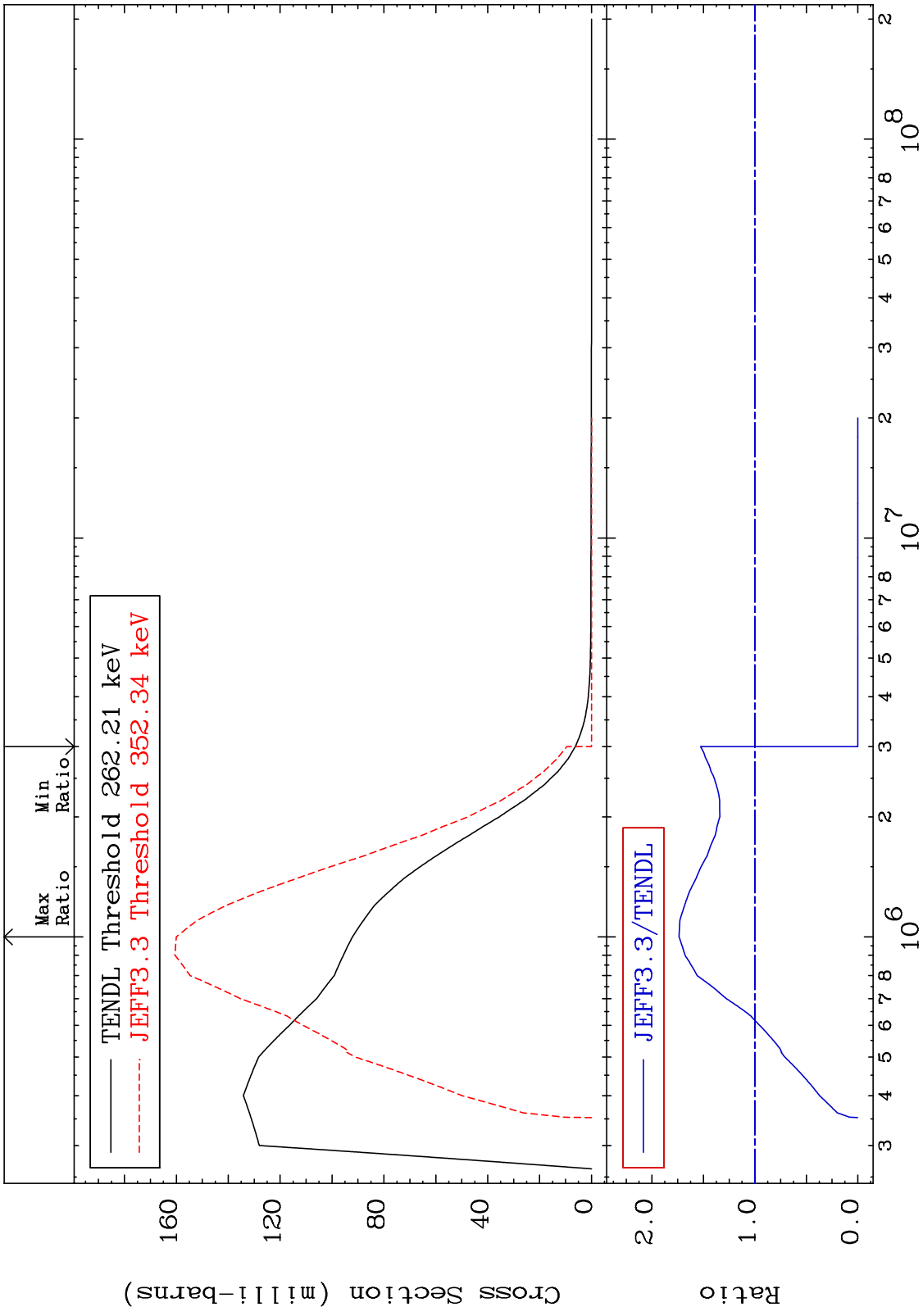
MAT 6325 MT= 54 (n,n') Level Cross Section 63-Eu-151
 -100.0 To 222.5 %



MAT 6325 MT= 55 (n,n') Level Cross Section 63-Eu-151
 -100.0 To 328.1 %

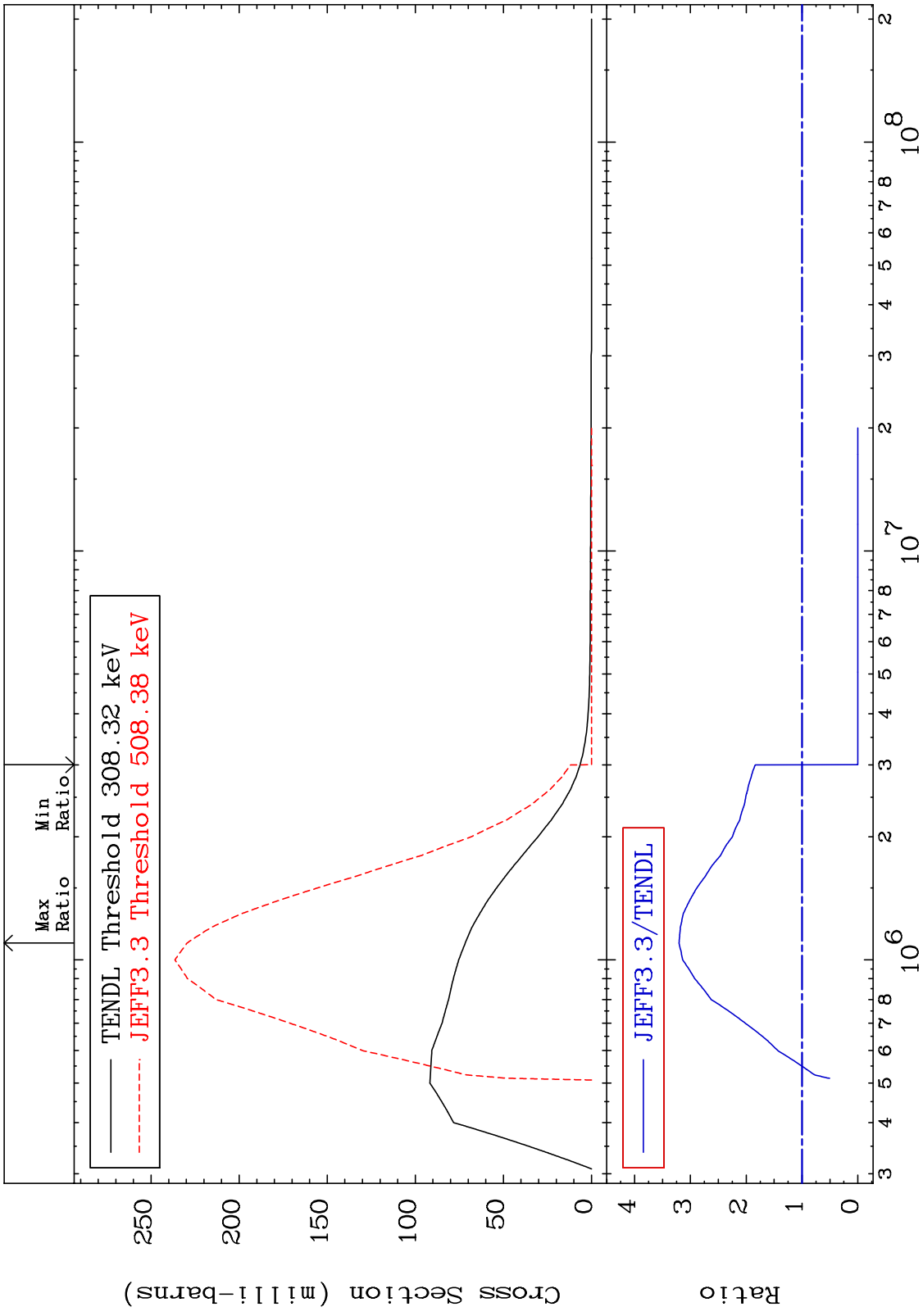


MAT 6325 MT= 56 (n,n') Level Cross Section 63-Eu-151
 -100.0 To 73.68 %

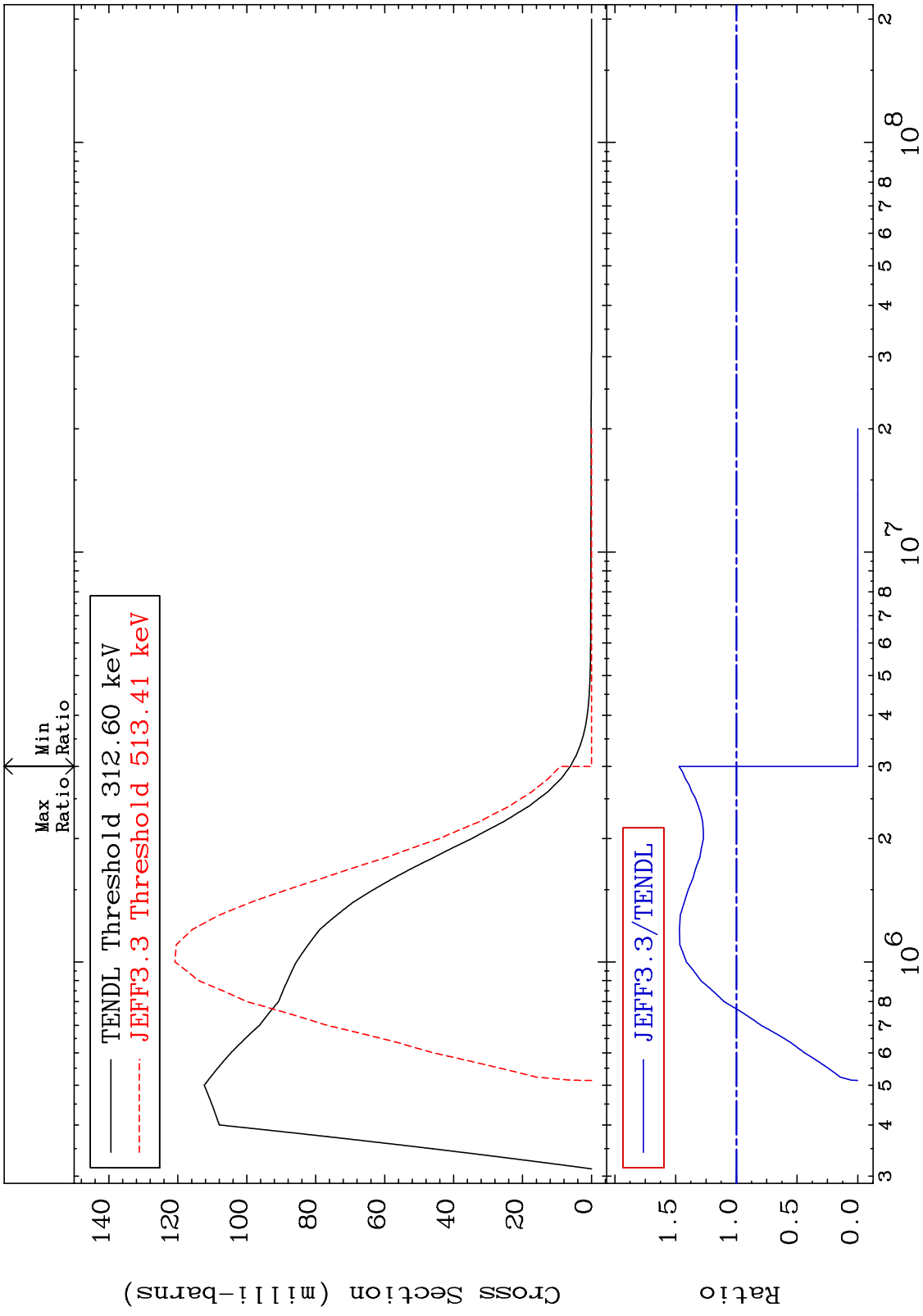


13 63-Eu-151

MAT 6325 MT= 57 (n,n') Level Cross Section 63-Eu-151
 -100.0 To 220.4 %

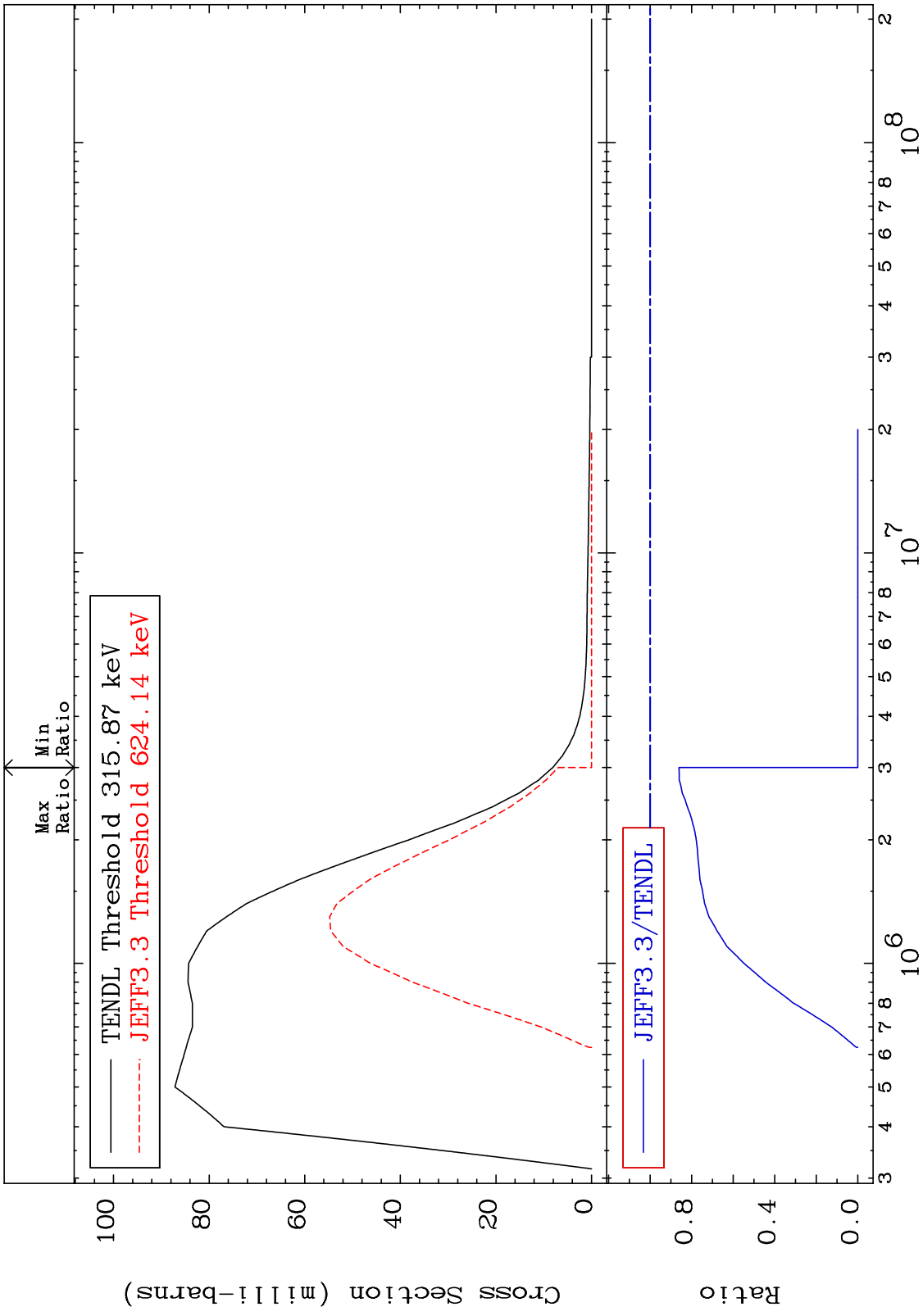


MAT 6325 MT= 58 (n,n') Level Cross Section 63-Eu-151
 -100.0 To 47.20 %

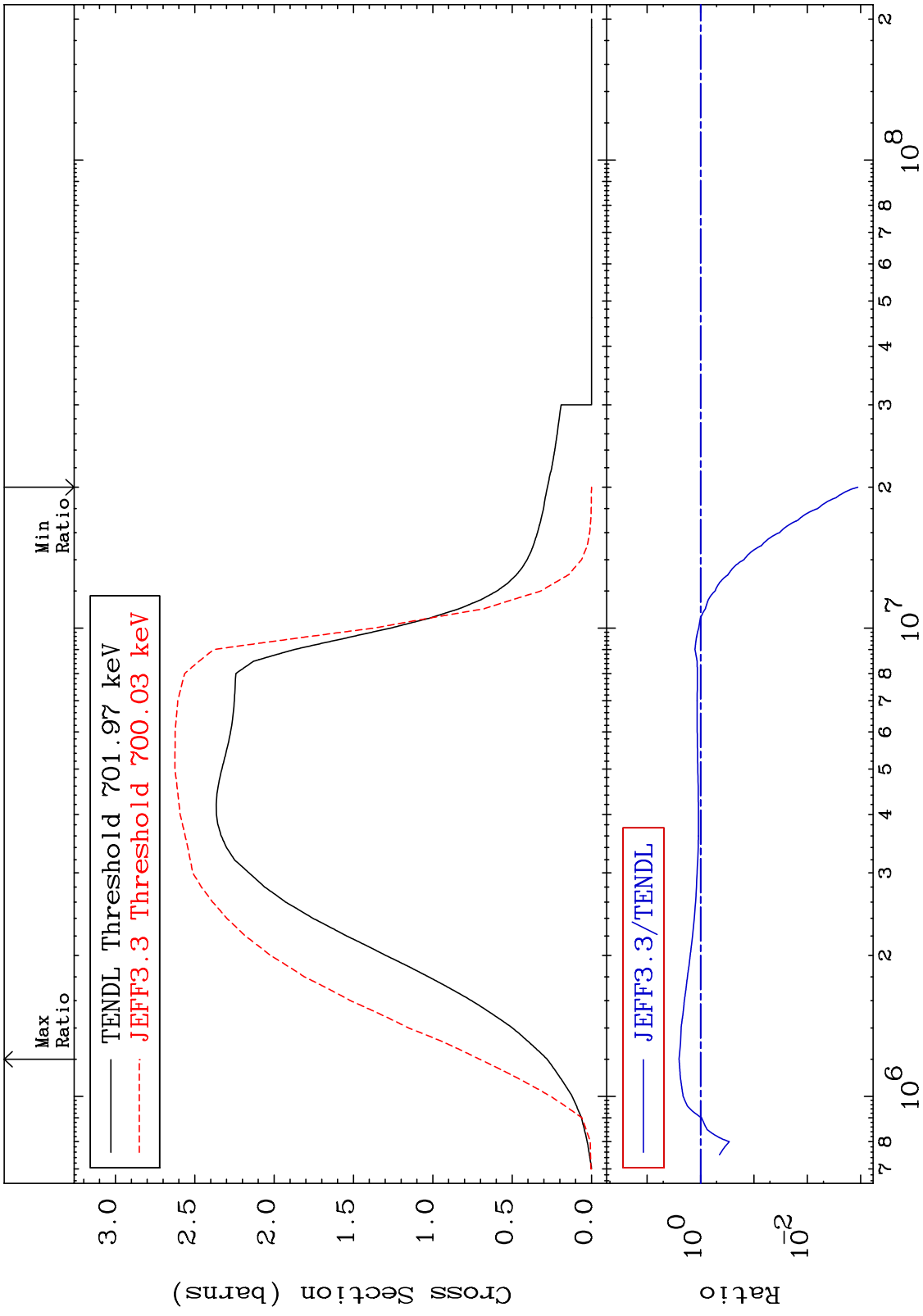


15 63-Eu-151

MAT 6325 MT= 59 (n,n') Level Cross Section 63-Eu-151 -100.0 To -13.89%

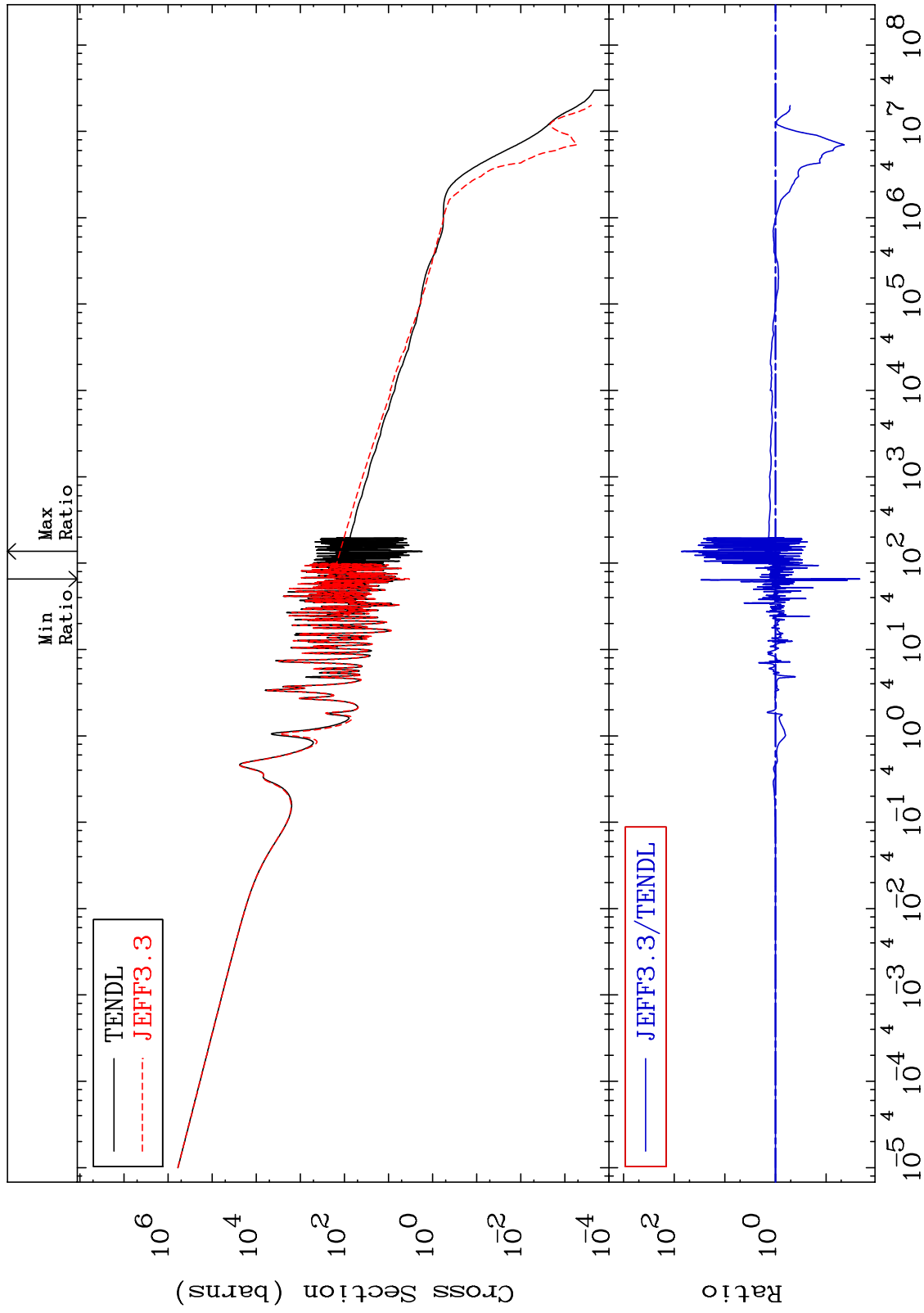


MAT 6325 (n,n') Continuum Cross Section 63-Eu-151 -99.89 To 152.6 %

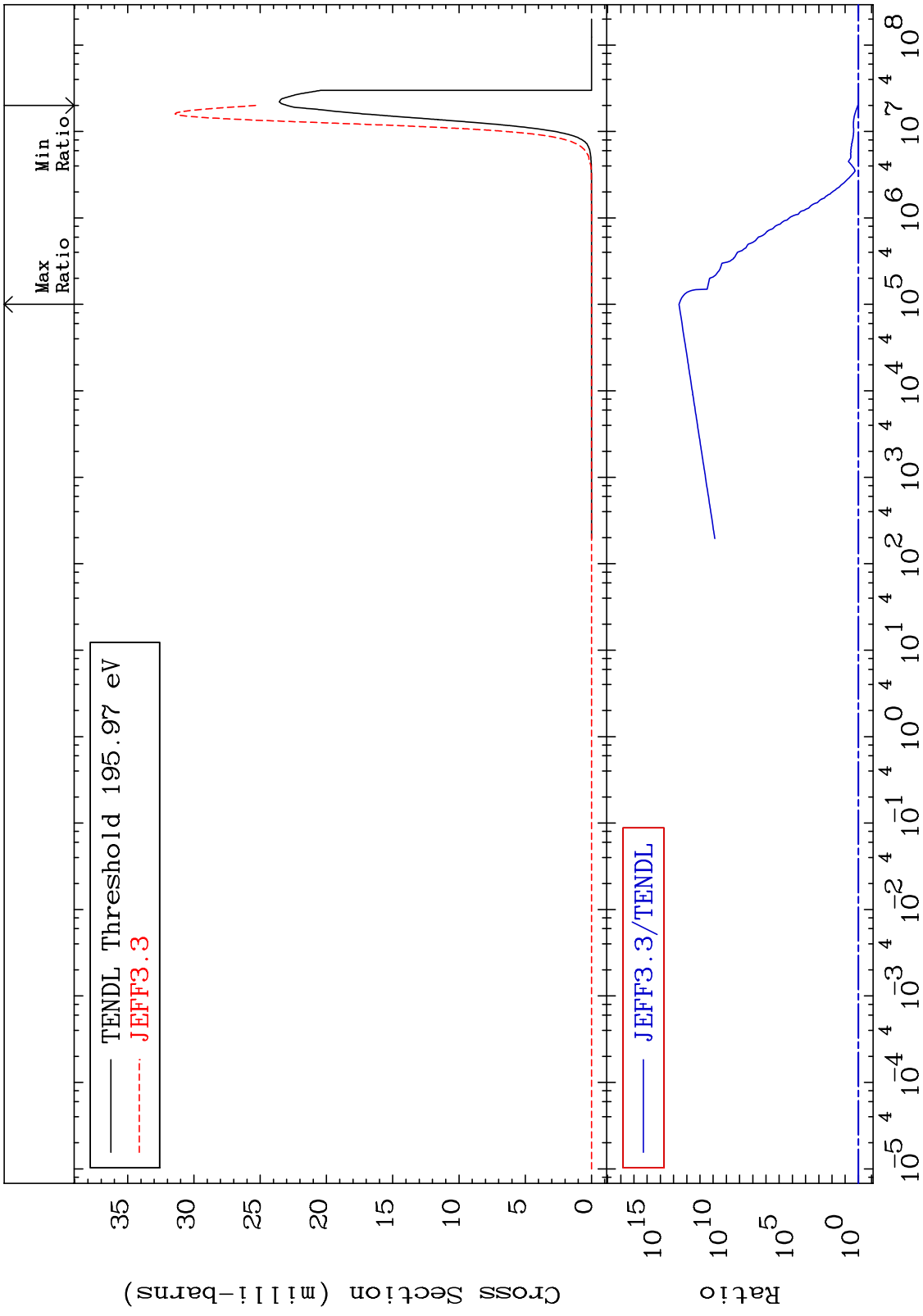


MAT 6325

(n, γ) Cross Section
63-Eu-151
-97.85 To 7174. %

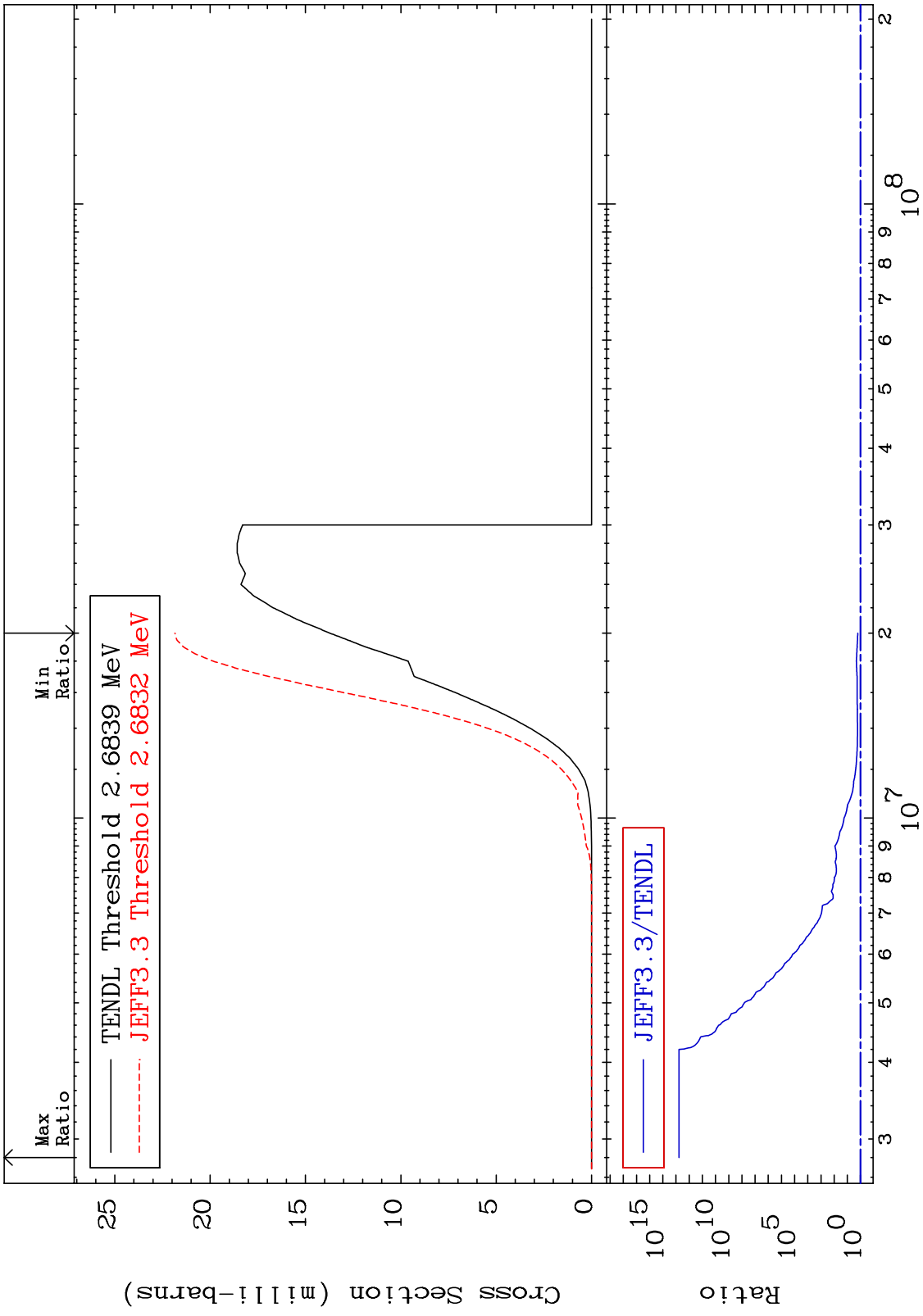


MAT 6325 (n,p) Cross Section 63-Eu-151 To 9999. %



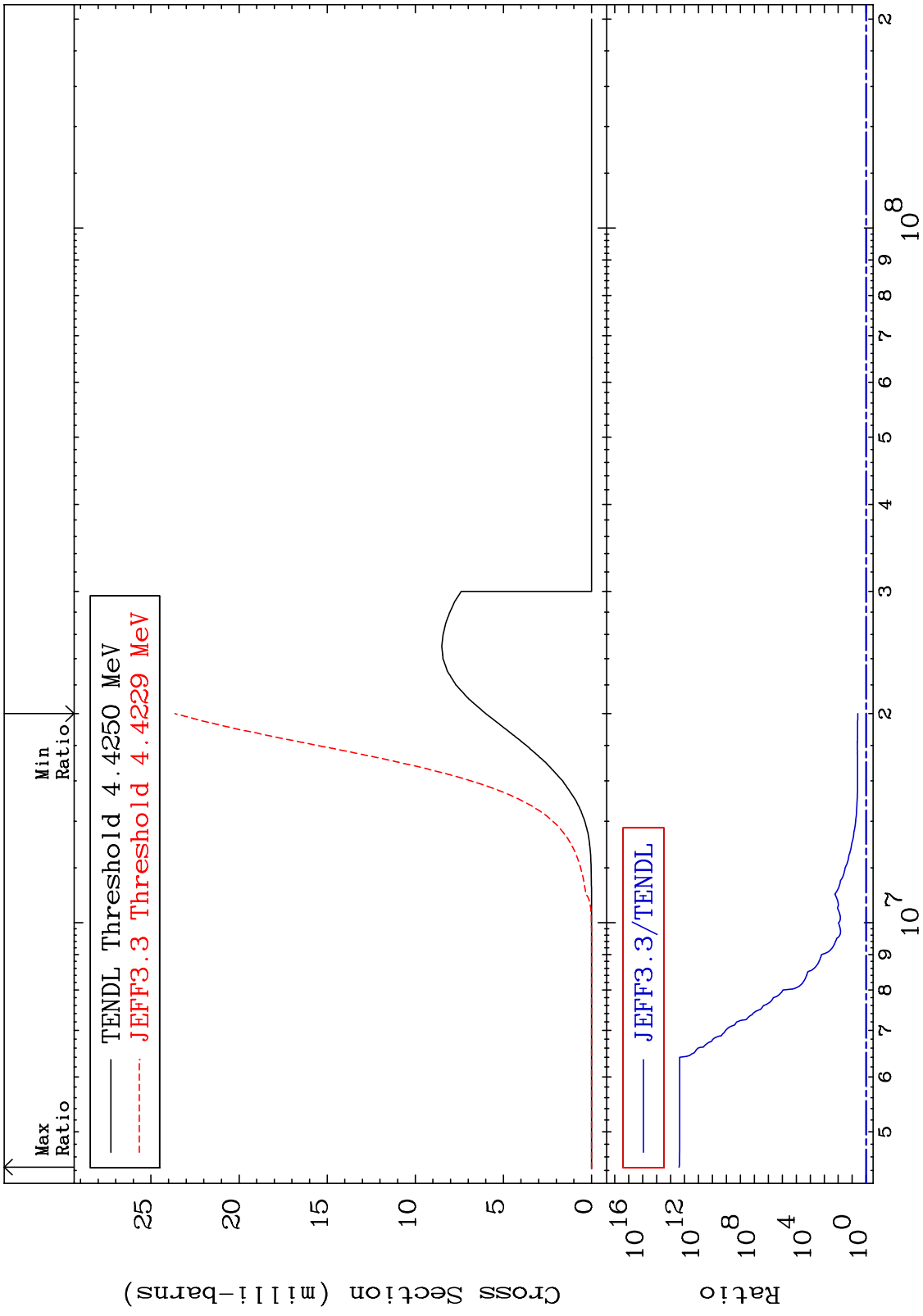
19 63-Eu-151

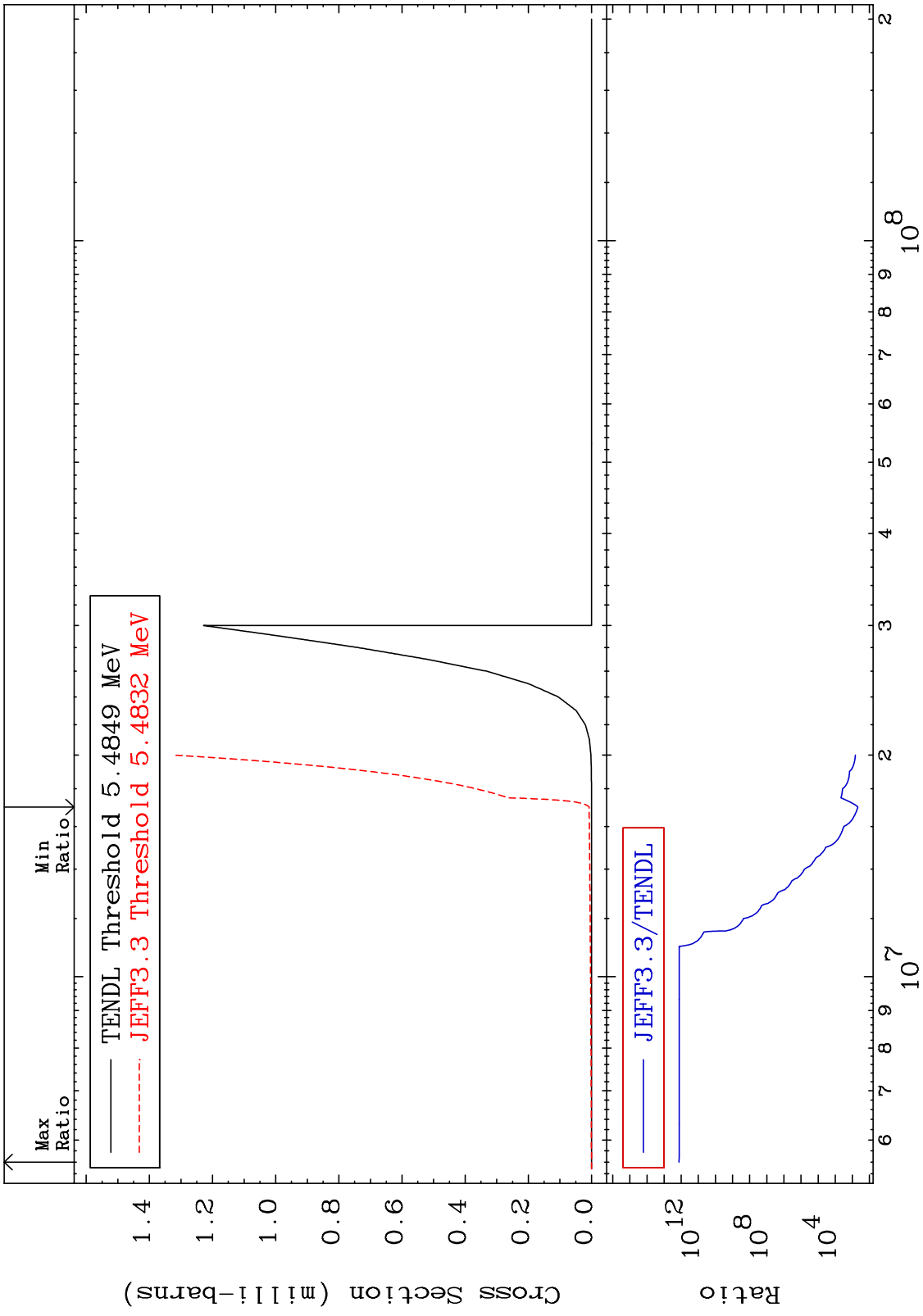
MAT 6325 (n,d) Cross Section 63-Eu-151 To 9999. %
 59.16



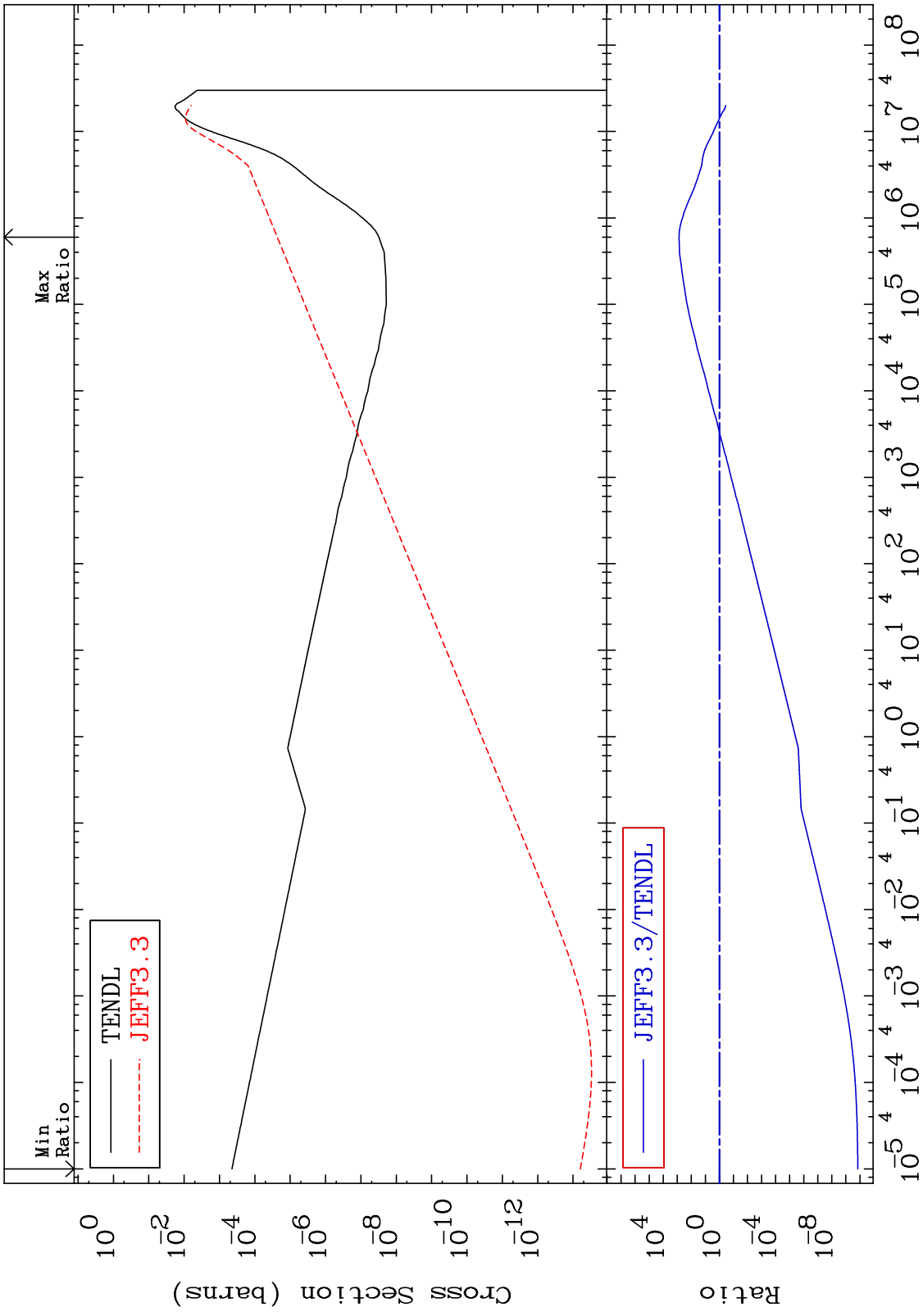
Incident Energy (eV) 63-Eu-151

MAT 6325 (n,t) Cross Section 63-Eu-151 293.6 To 9999. %

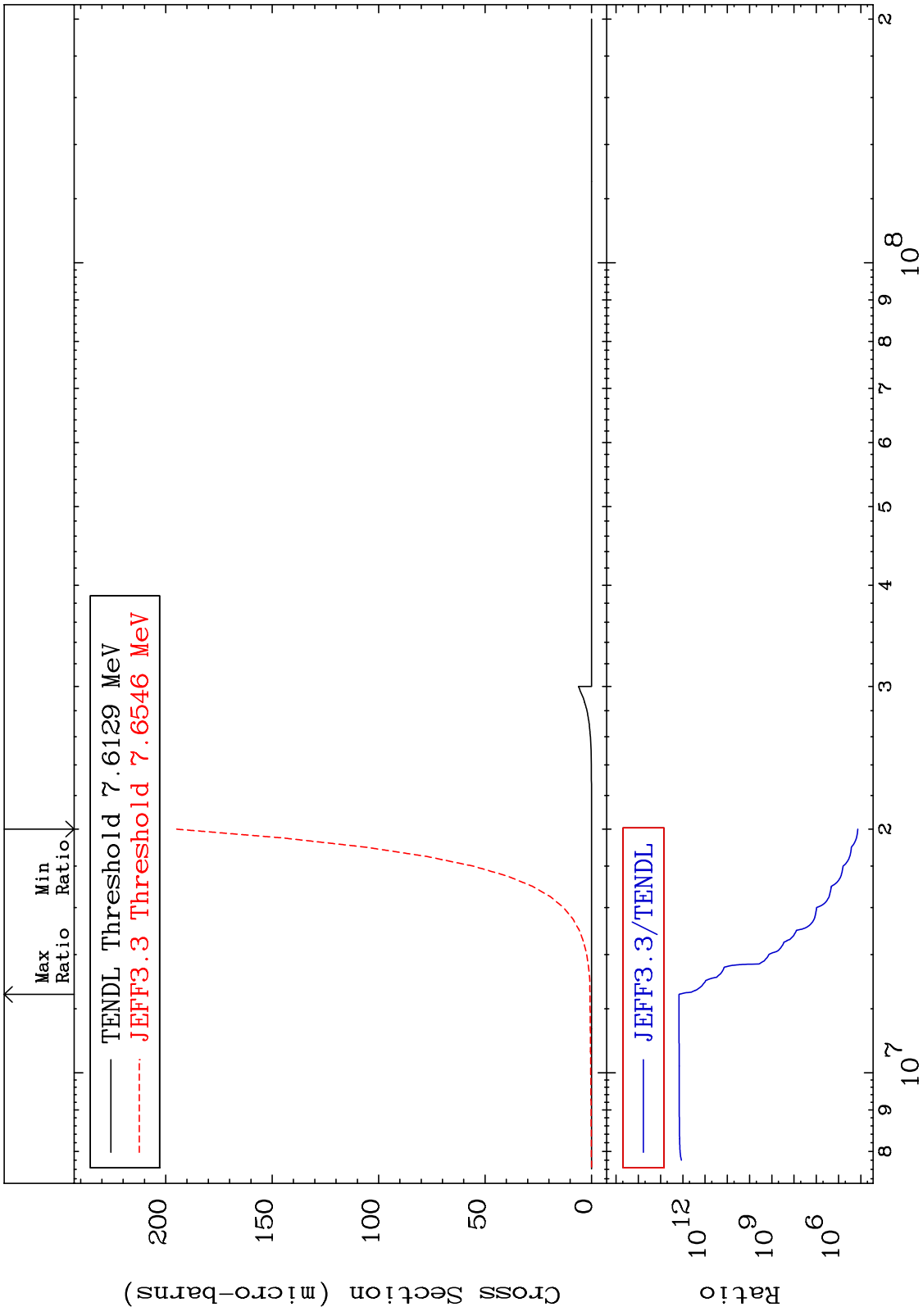




MAT 6325 $^{63}\text{Eu-151}$ (n, α) Cross Section -100.0 To 9999. %



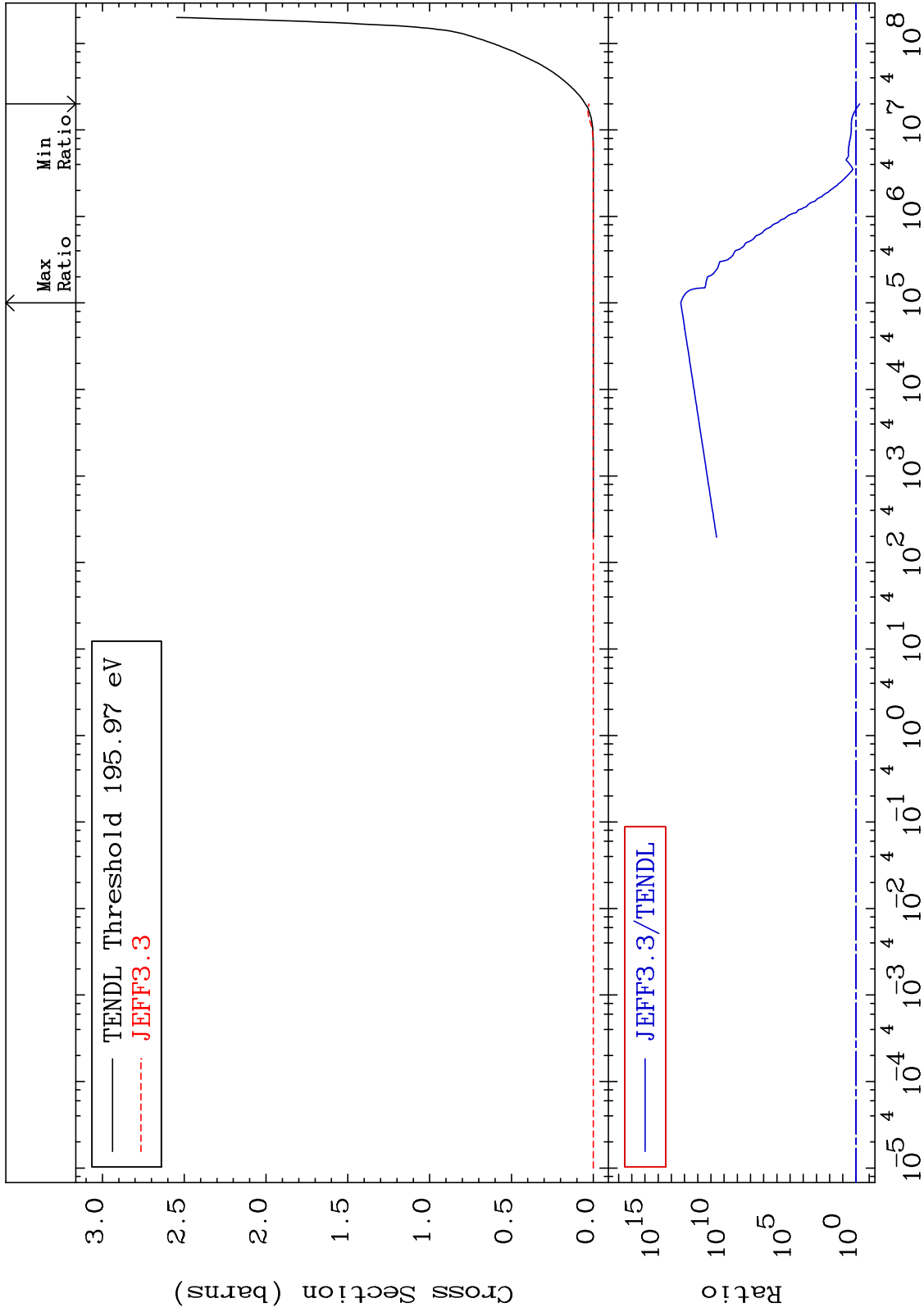
MAT 6325 (n,2p) Cross Section 63-Eu-151 9999. To 9999. %



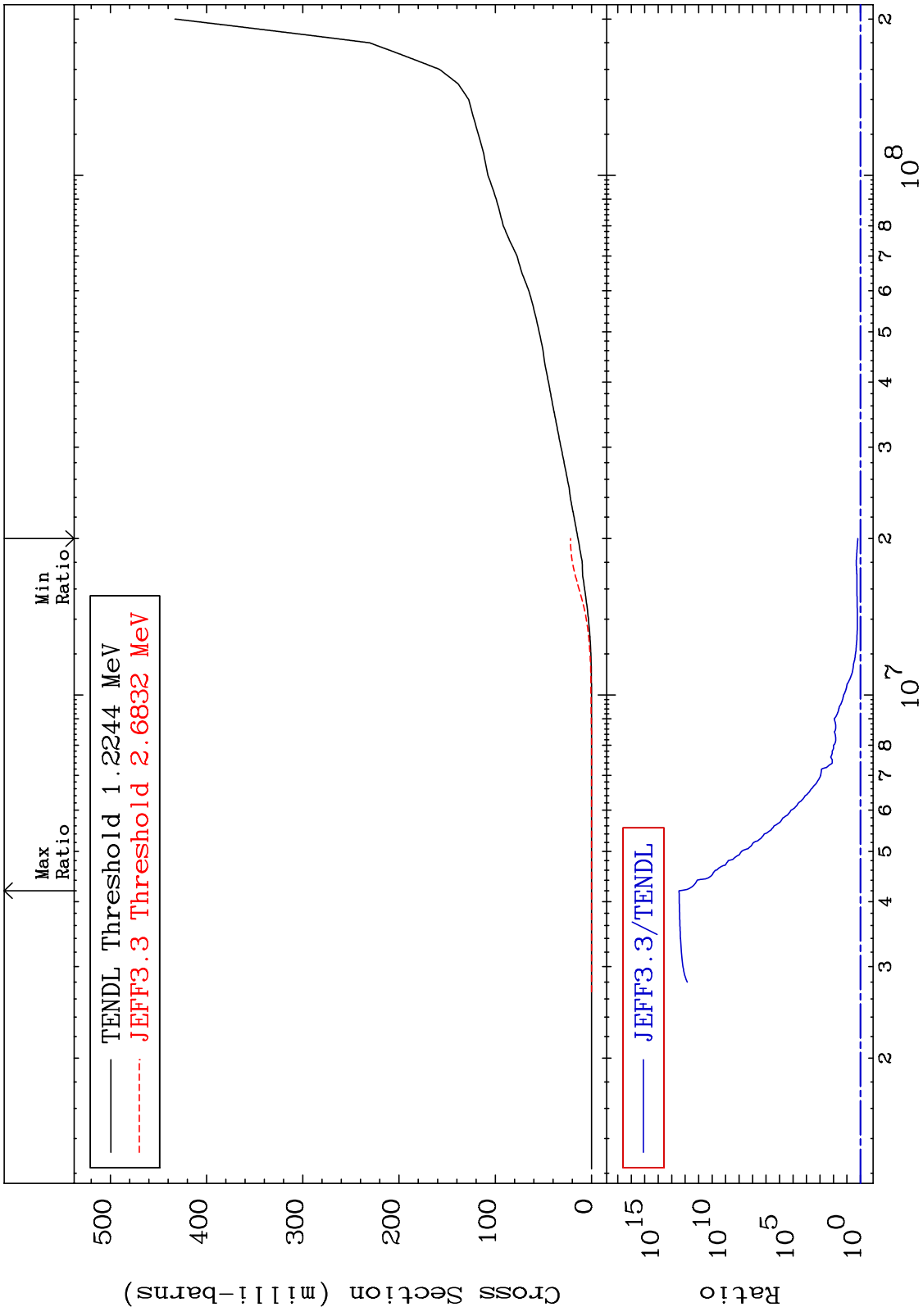
MAT 6325

Hydrogen Production Cross Section

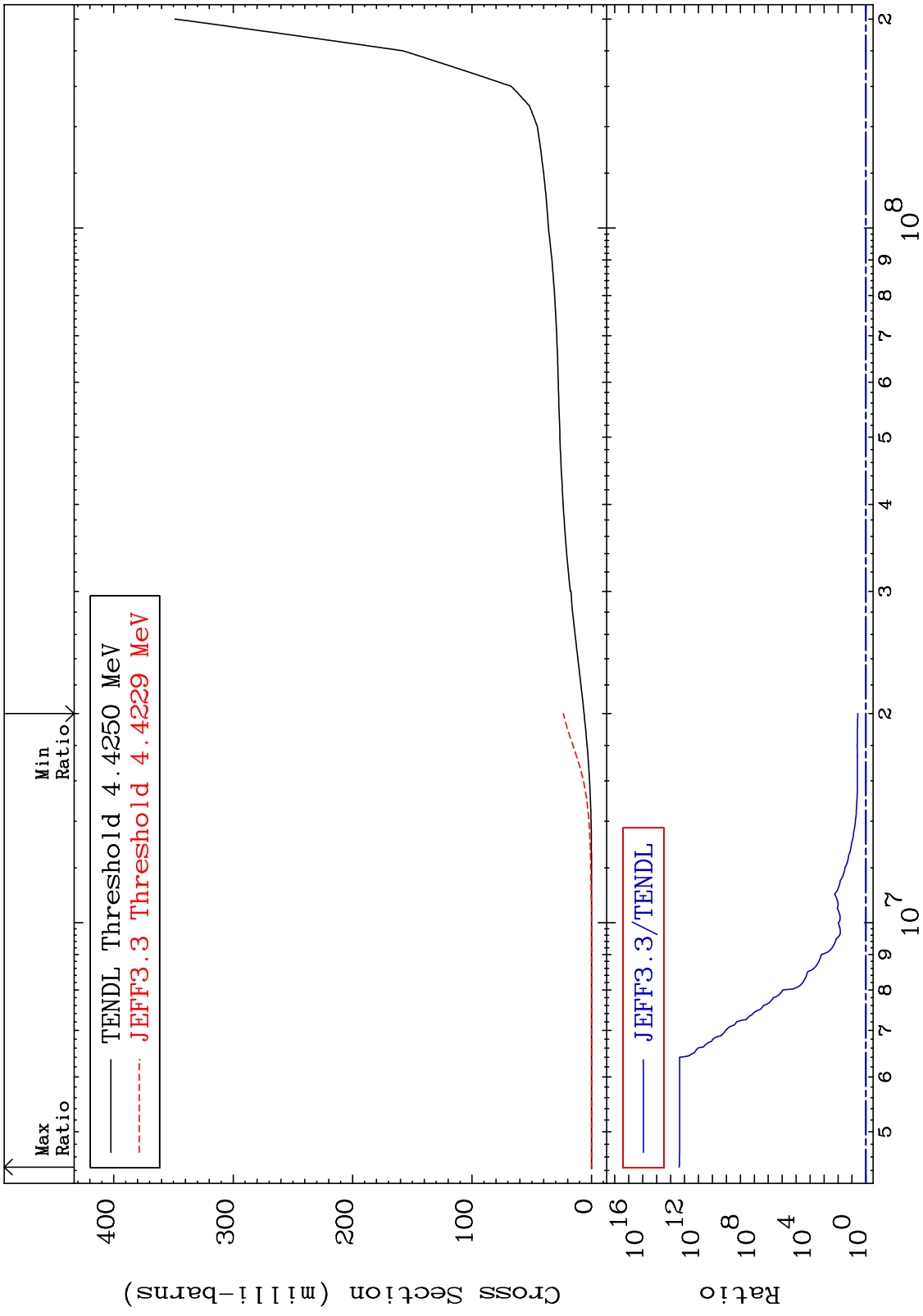
63-Eu-151
-46.63 To 9999. %



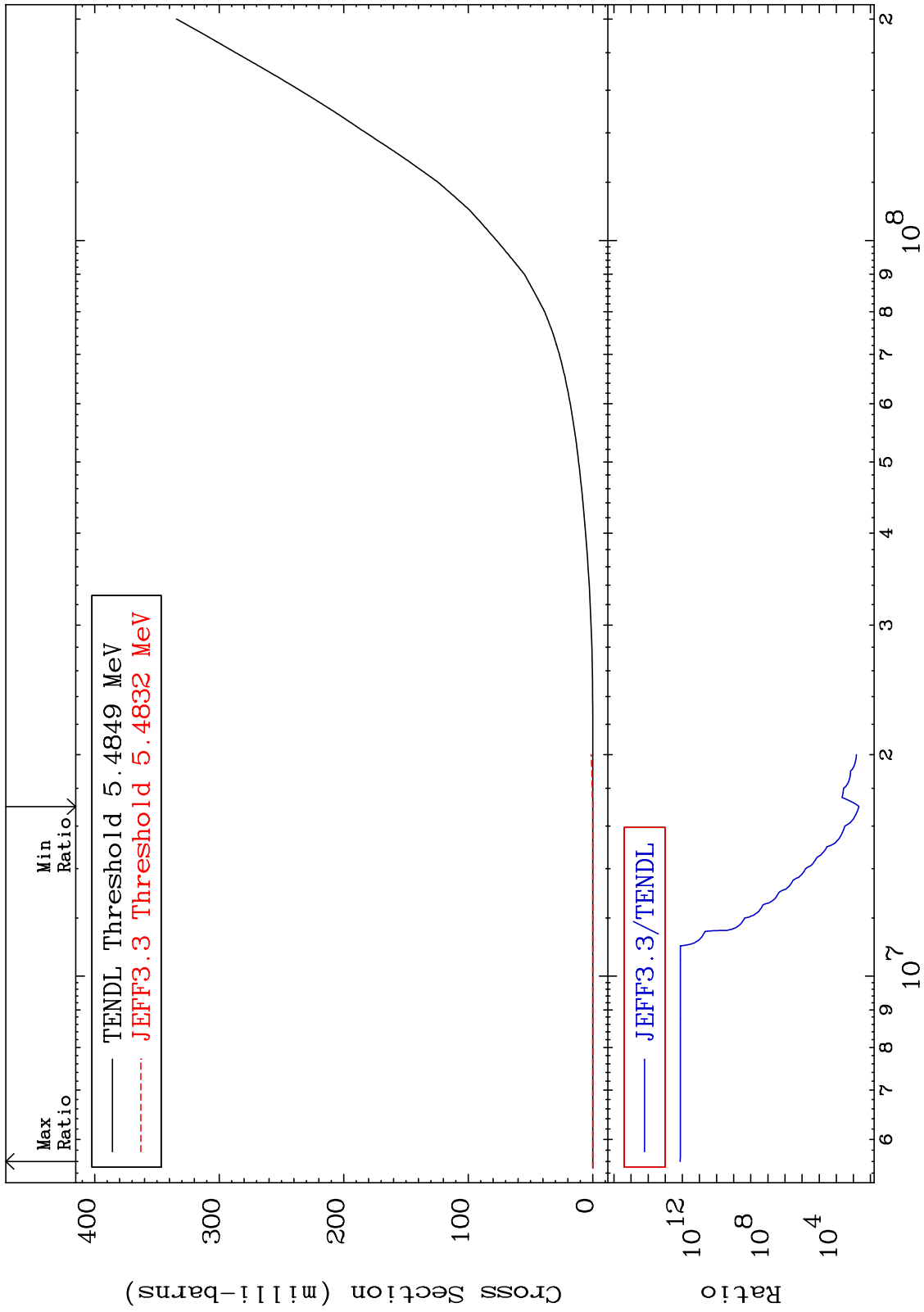
MAT 6325 Deuterium Production Cross Section 63-Eu-151 55.47 To 9999. %



MAT 6325 Tritium Production Cross Section 63-Eu-151 279.6 To 9999. %

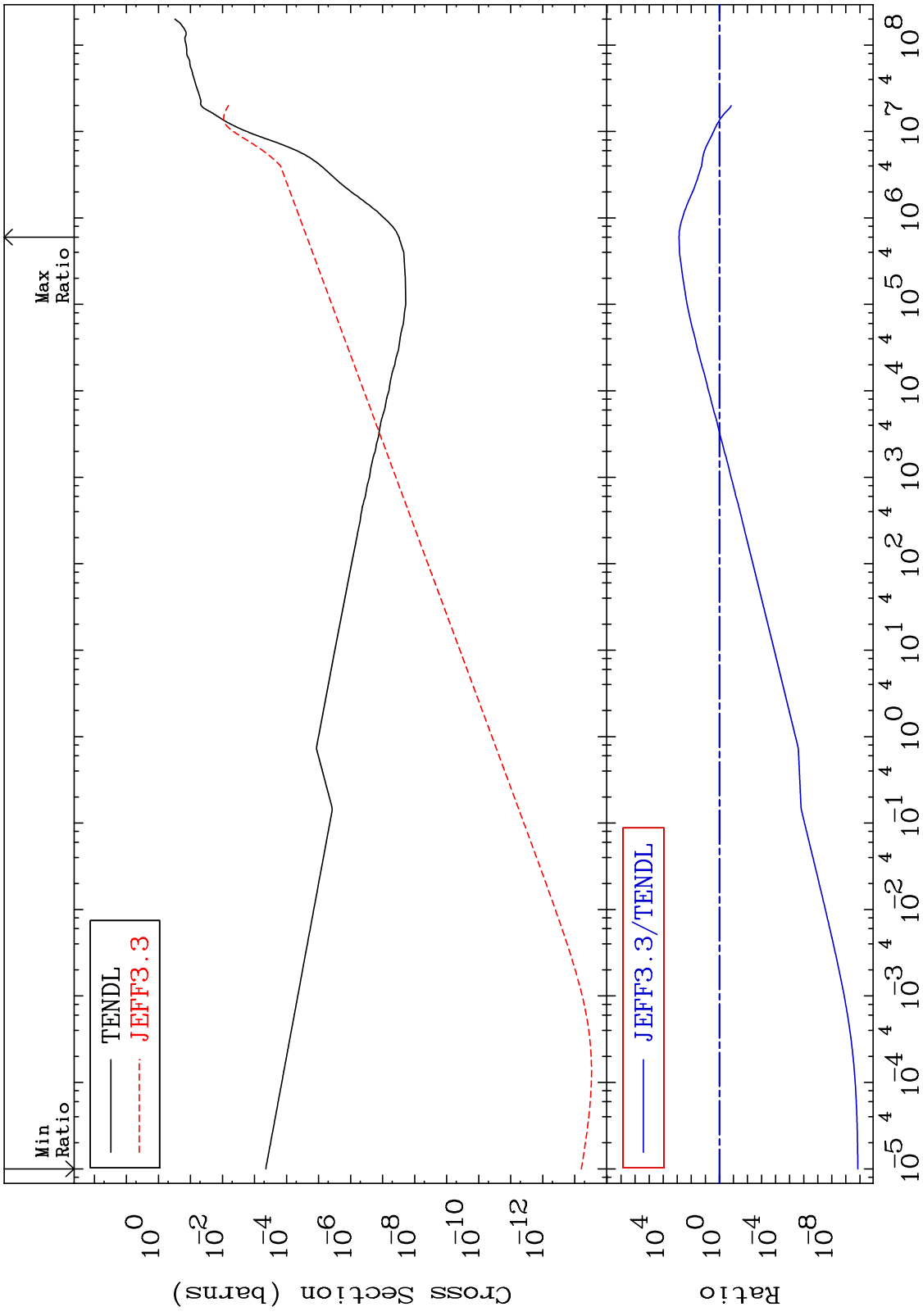


MAT 6325 He-3 Production Cross Section 63-Eu-151 9999. To 9999. %

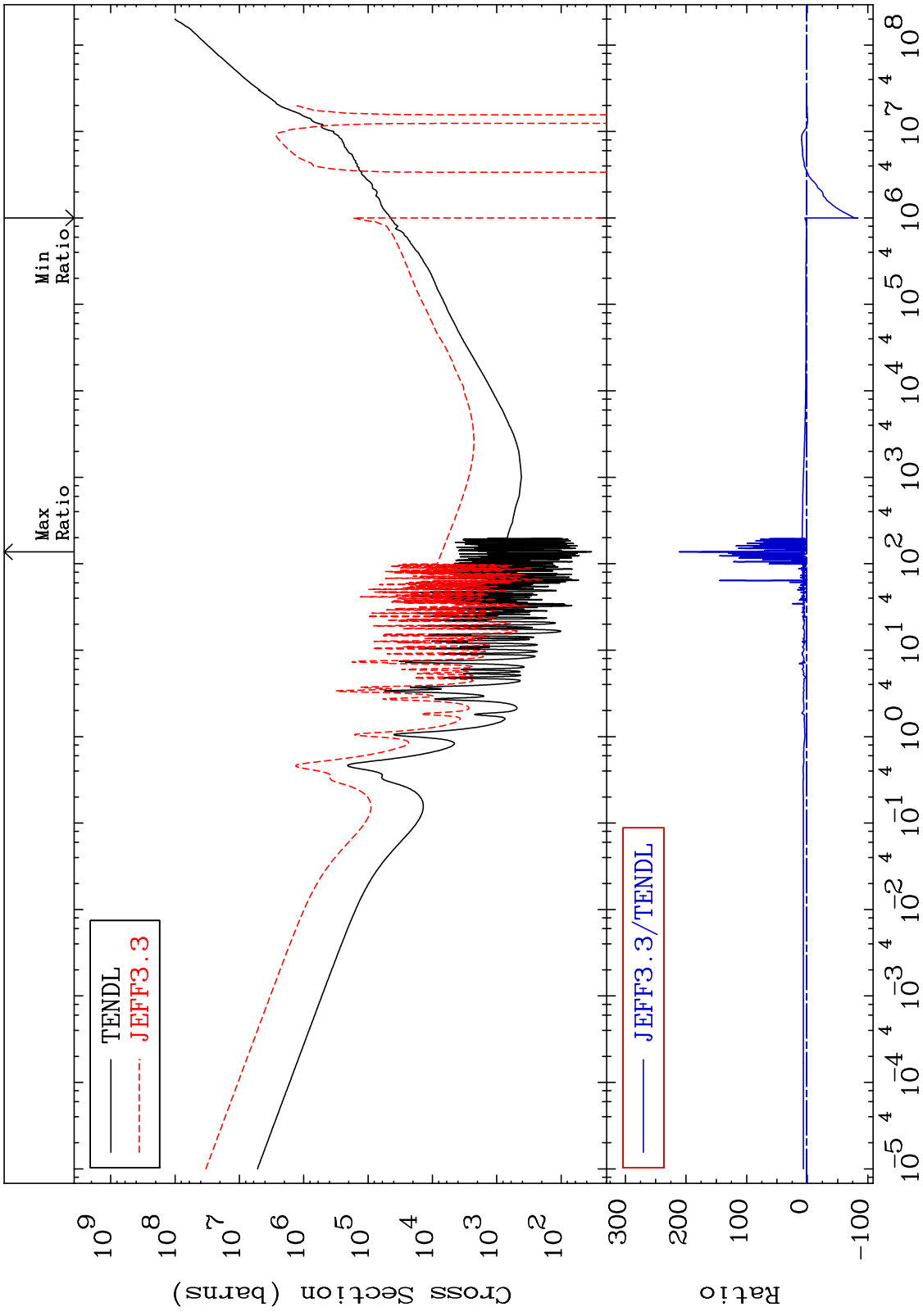


28 63-Eu-151

MAT 6325 He-4 Production Cross Section 63-Eu-151
 -100.0 To 9999. %

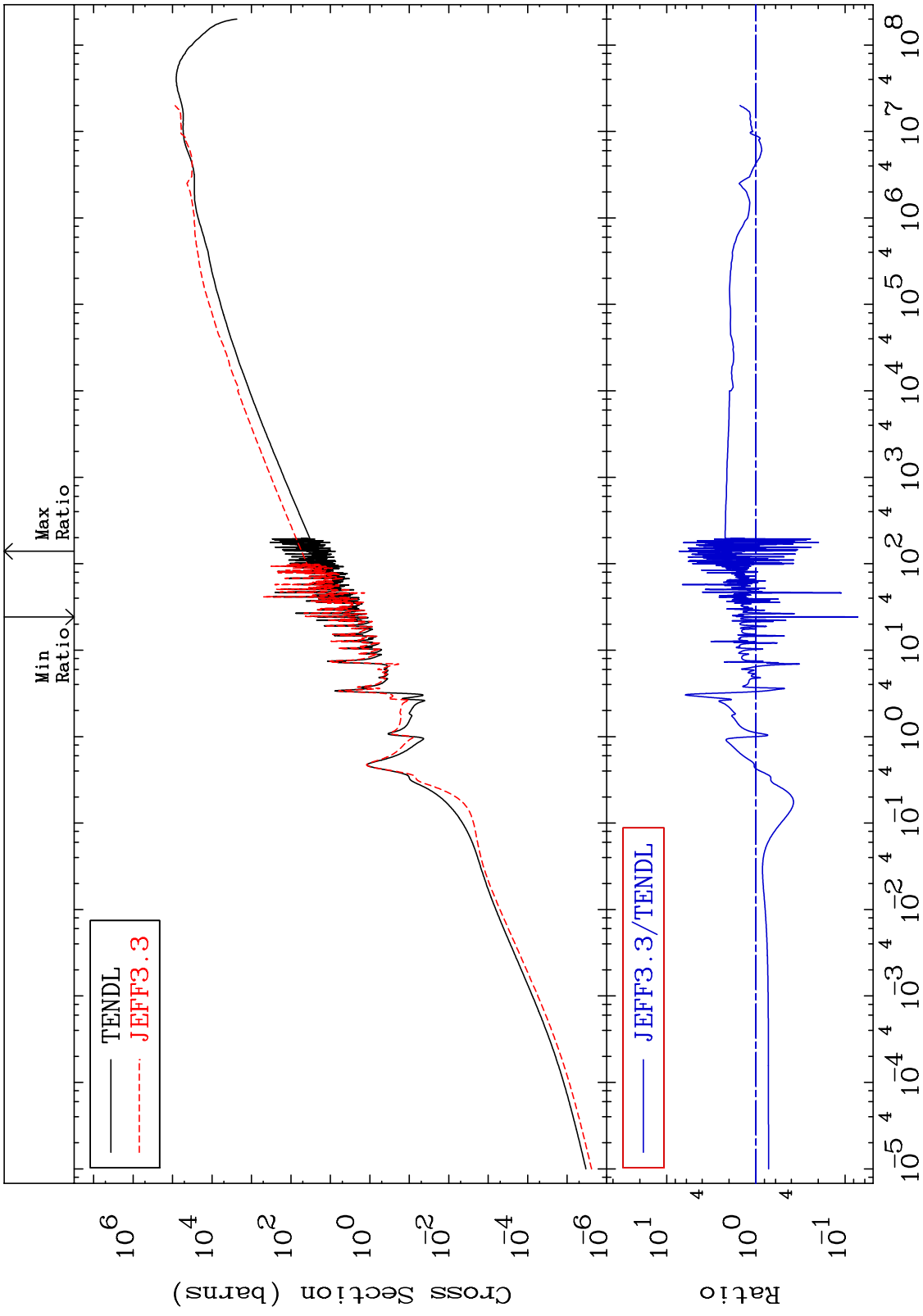


MAT 6325 Kerma total (eV-barns)
Cross Section 63-Eu-151
-8437. To 9999. %



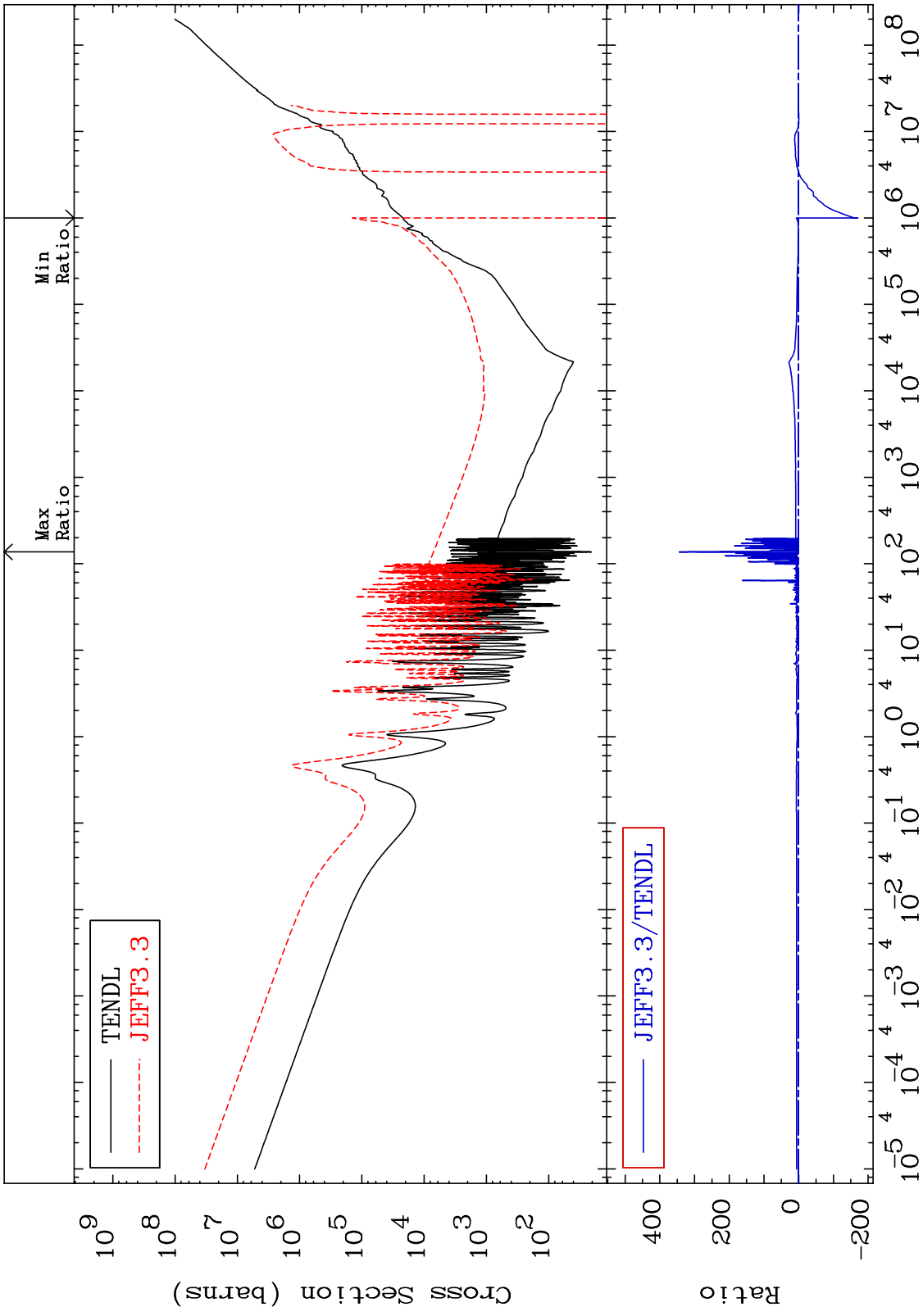
30 Incident Energy (eV) 63-Eu-151

MAT 6325 63-Eu-151
-92.81 To 627.1 %
 Kerma elastic Cross Section

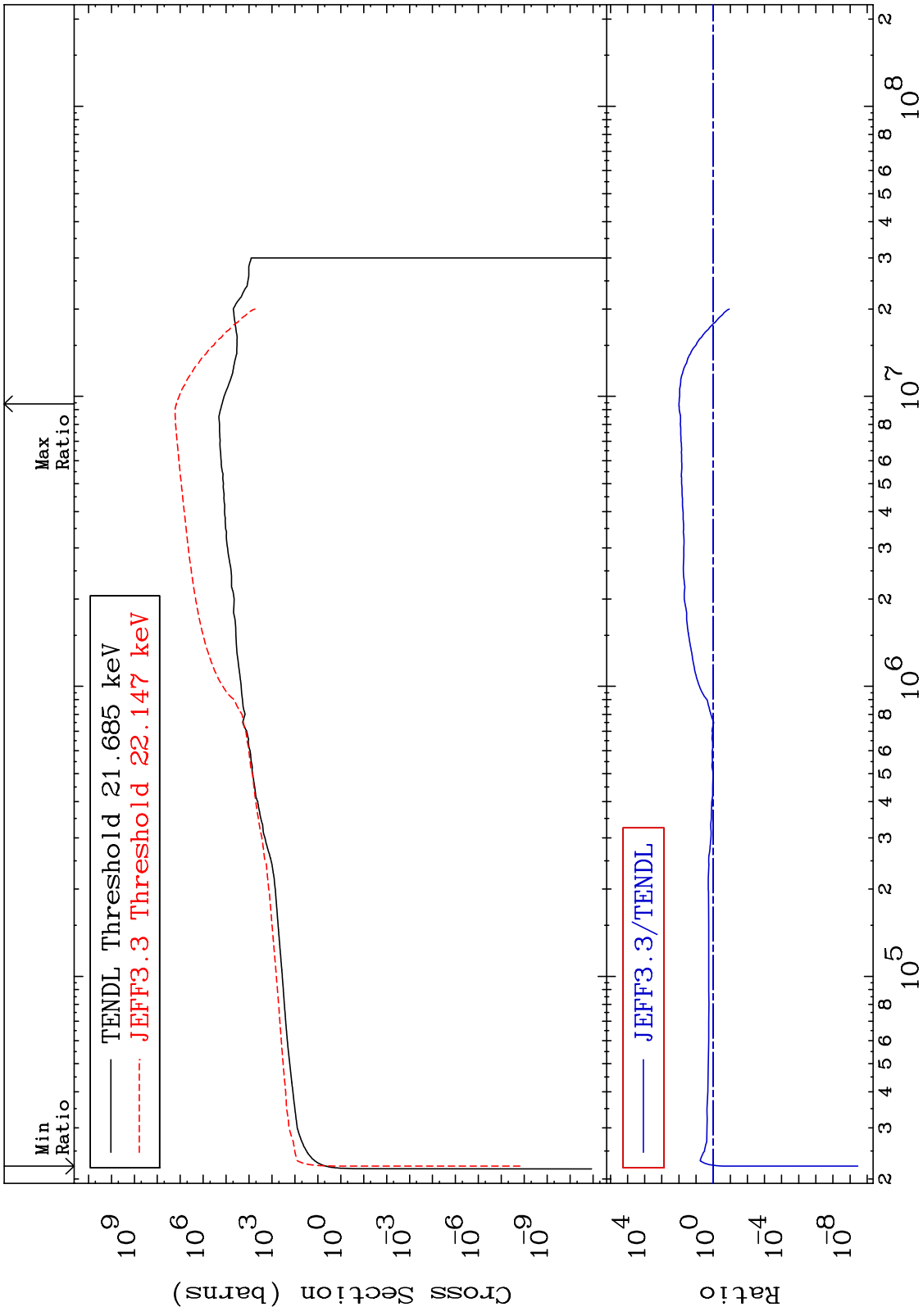


Incident Energy (eV) 63-Eu-151

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



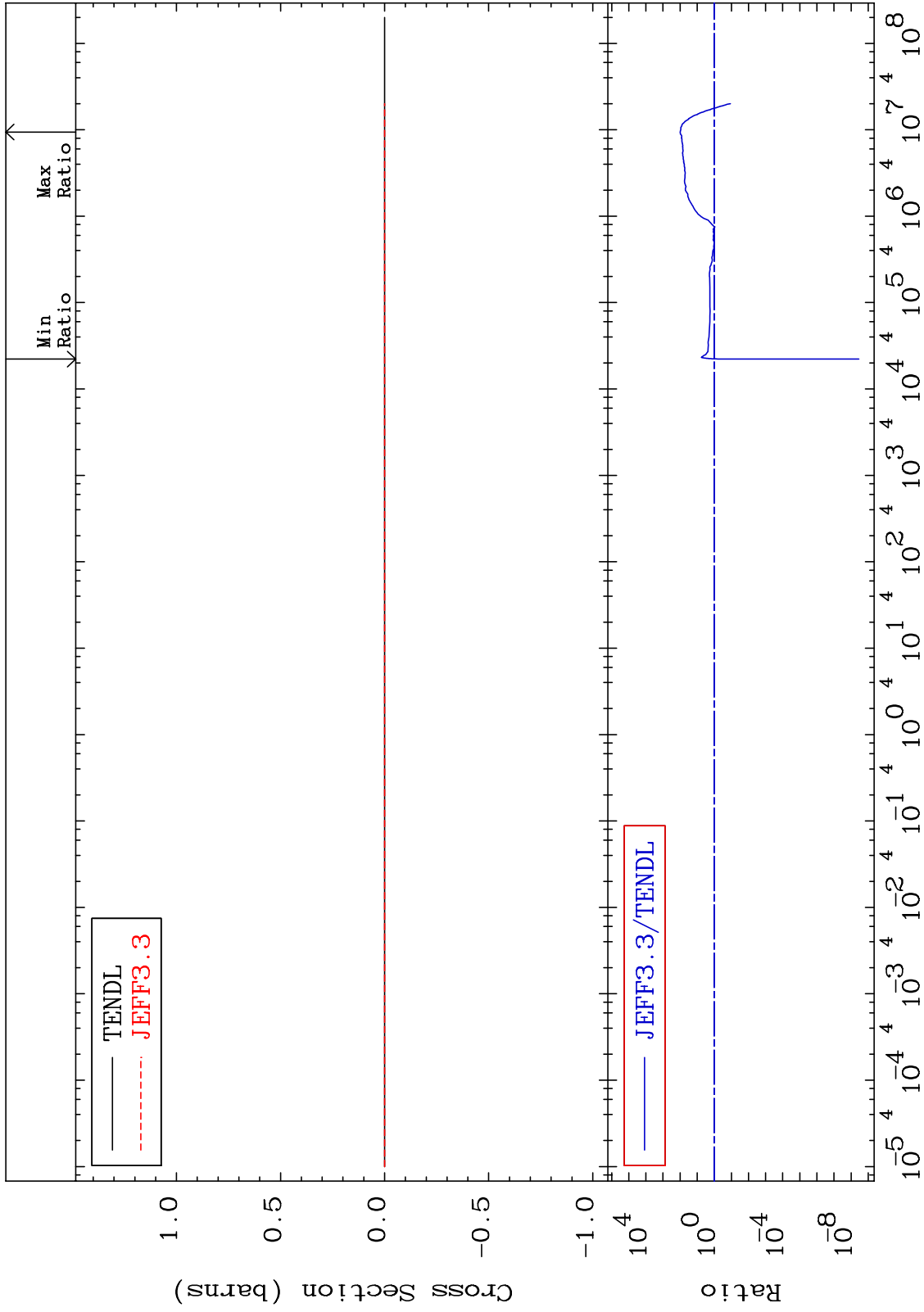
MAT 6325 Kerma inelastic (mt51-91) 63-Eu-151
 -100.0 To 9732. %



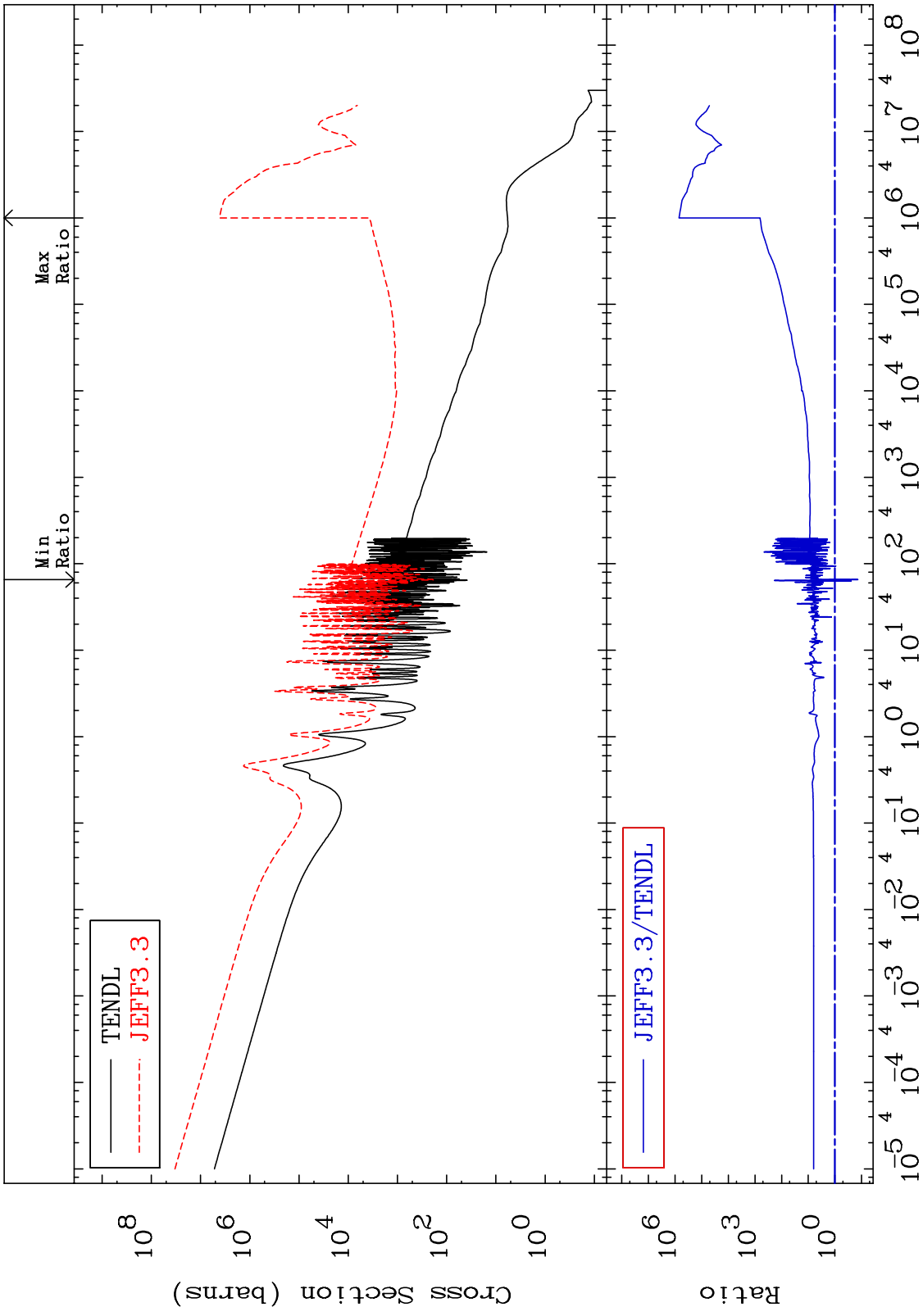
MAT 6325

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

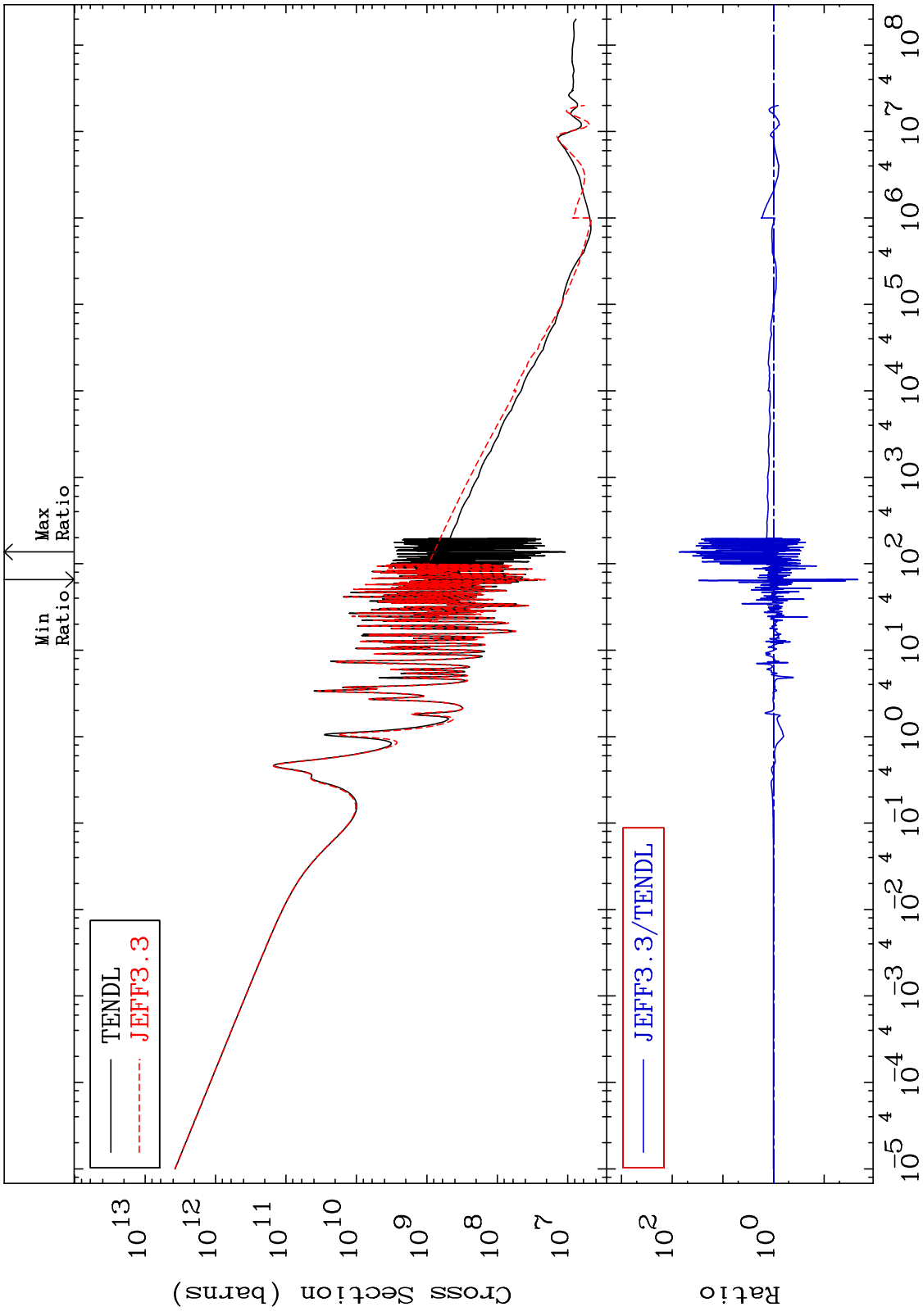
63-Eu-151
-100.0 To 9732. %



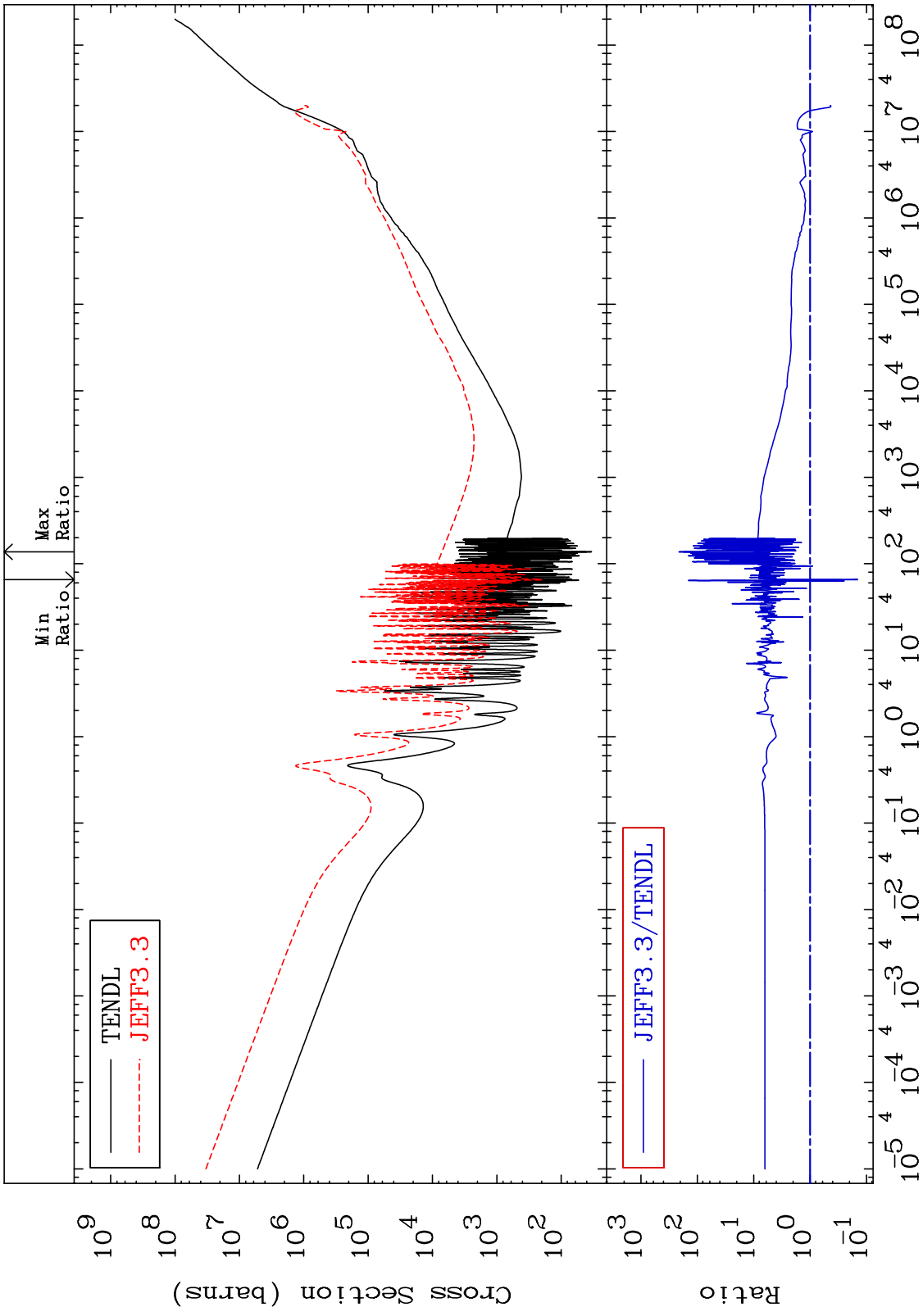
MAT 6325 Kerma capture (mt102) 63-Eu-151
 Cross Section -86.23 To 9999. %



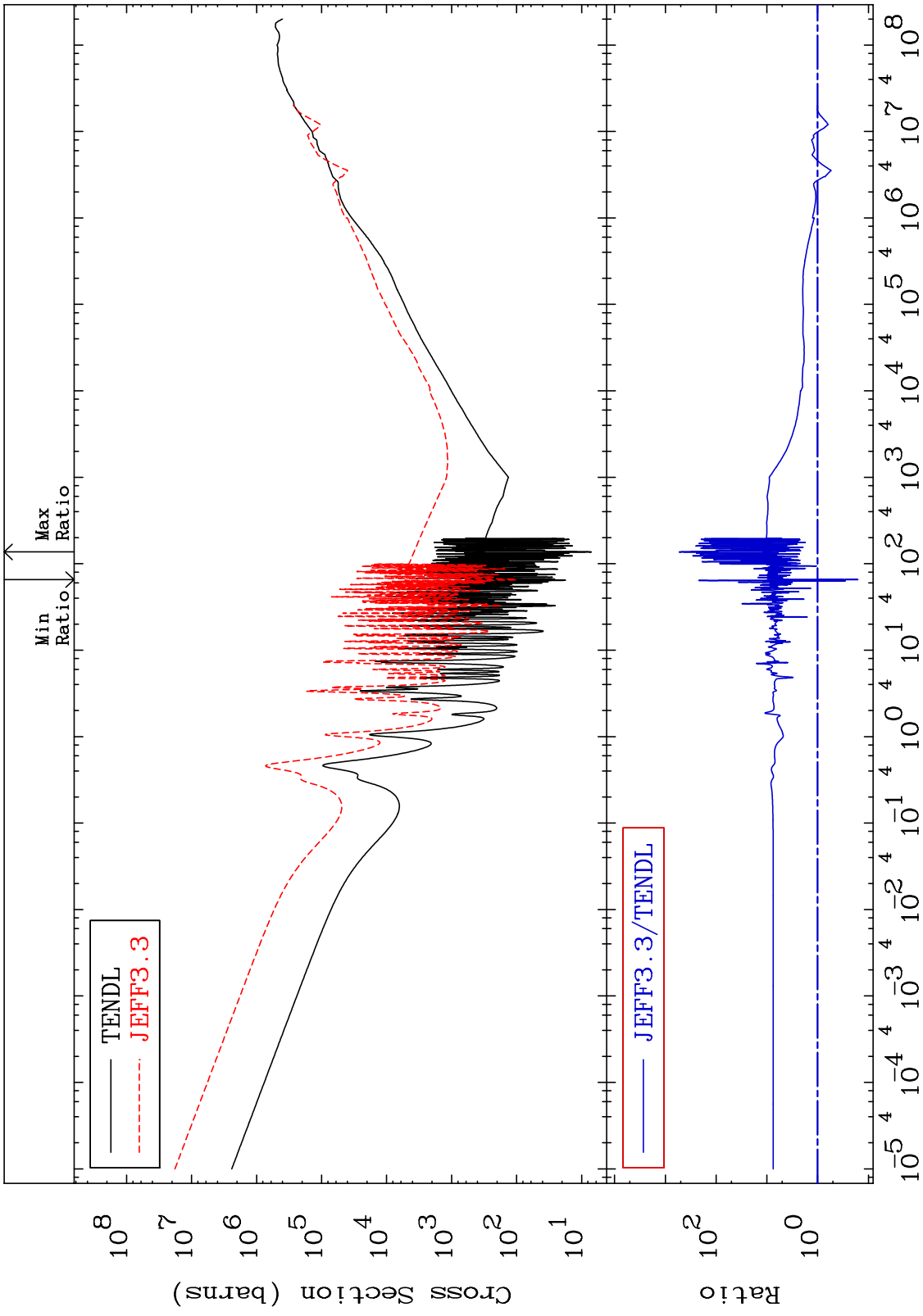
MAT 6325 Total photon (eV-barns) Cross Section 63-Eu-151 -97.83 To 7225. %



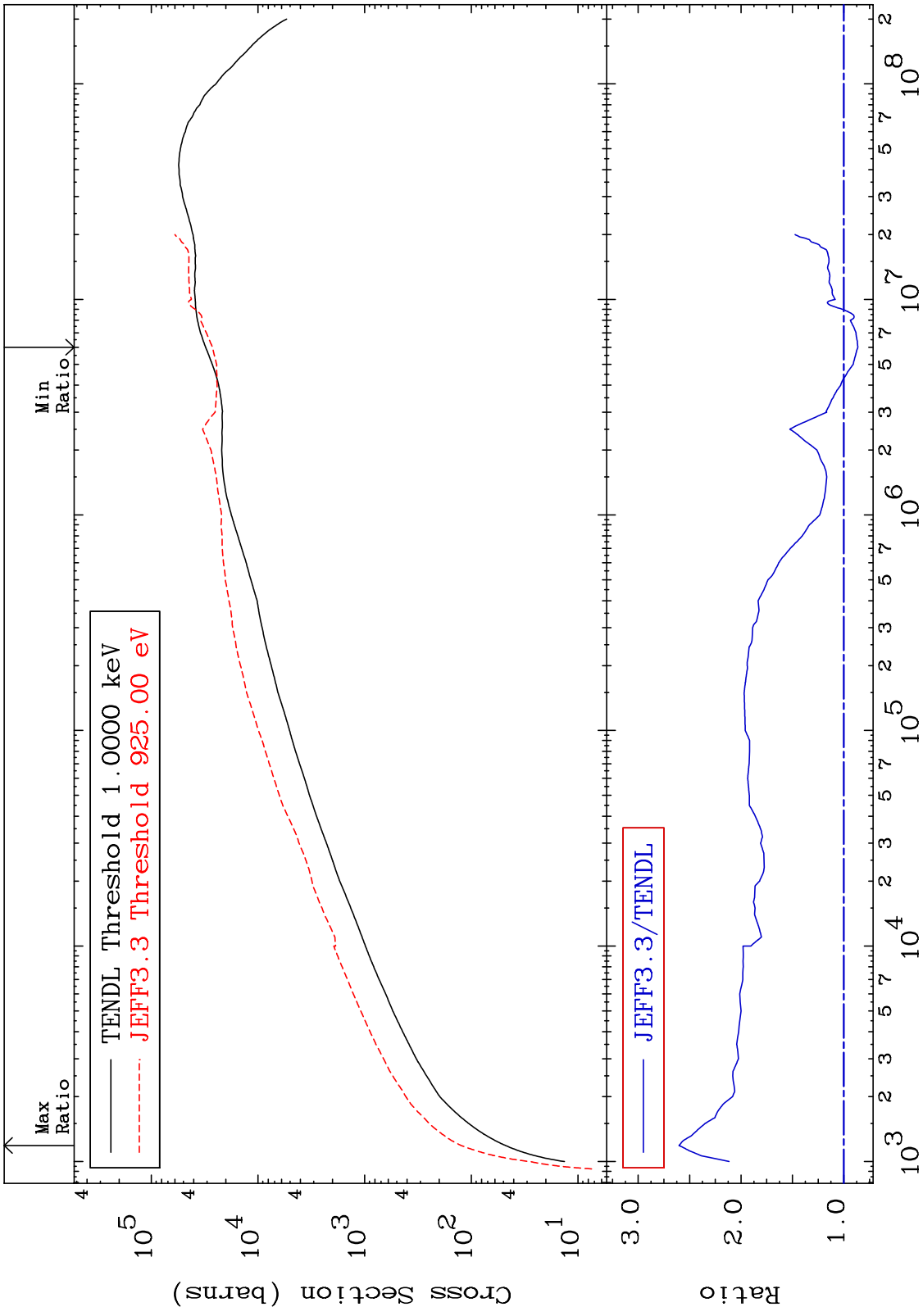
MAT 6325 Total kinematic kerma (high limit) 63-Eu-151
 -85.74 To 9999. %
 Cross Section



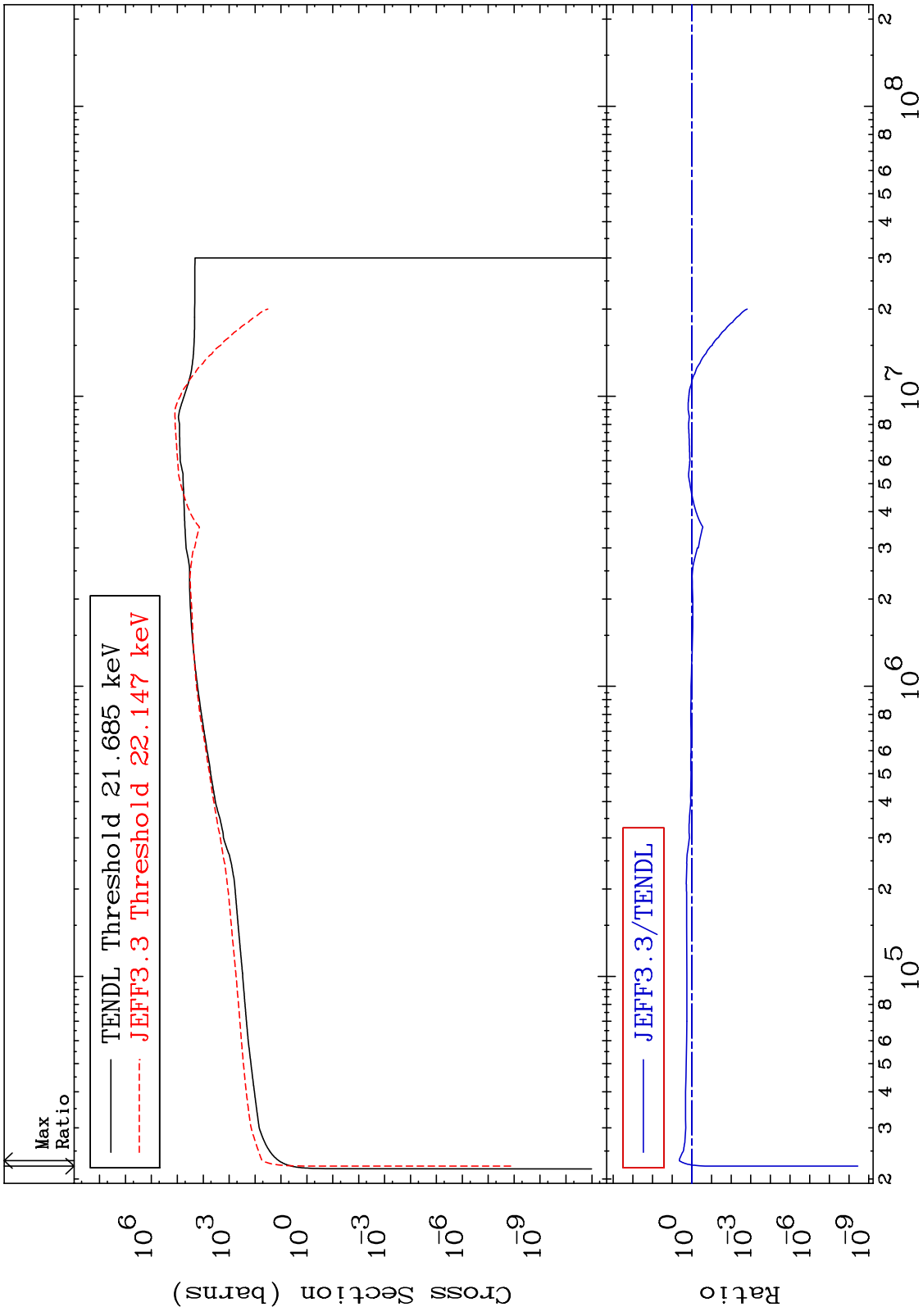
MAT 6325 Dpa total (eV-barns) 63-Eu-151
 -83.85 To 9999. %
 Cross Section



MAT 6325 Dpa elastic (mt2) 63-Eu-151
 Cross Section -13.62 To 160.3 %



MAT 6325 Dpa inelastic (mt51-91) 63-Eu-151
Cross Section -100.0 To 347.2 %



MAT 6325 Dpa disappearance (mt102 -120) 63-Eu-151
 Cross Section -83.85 To 9999. %

