

Program Complot
(Version 2018-1)

by

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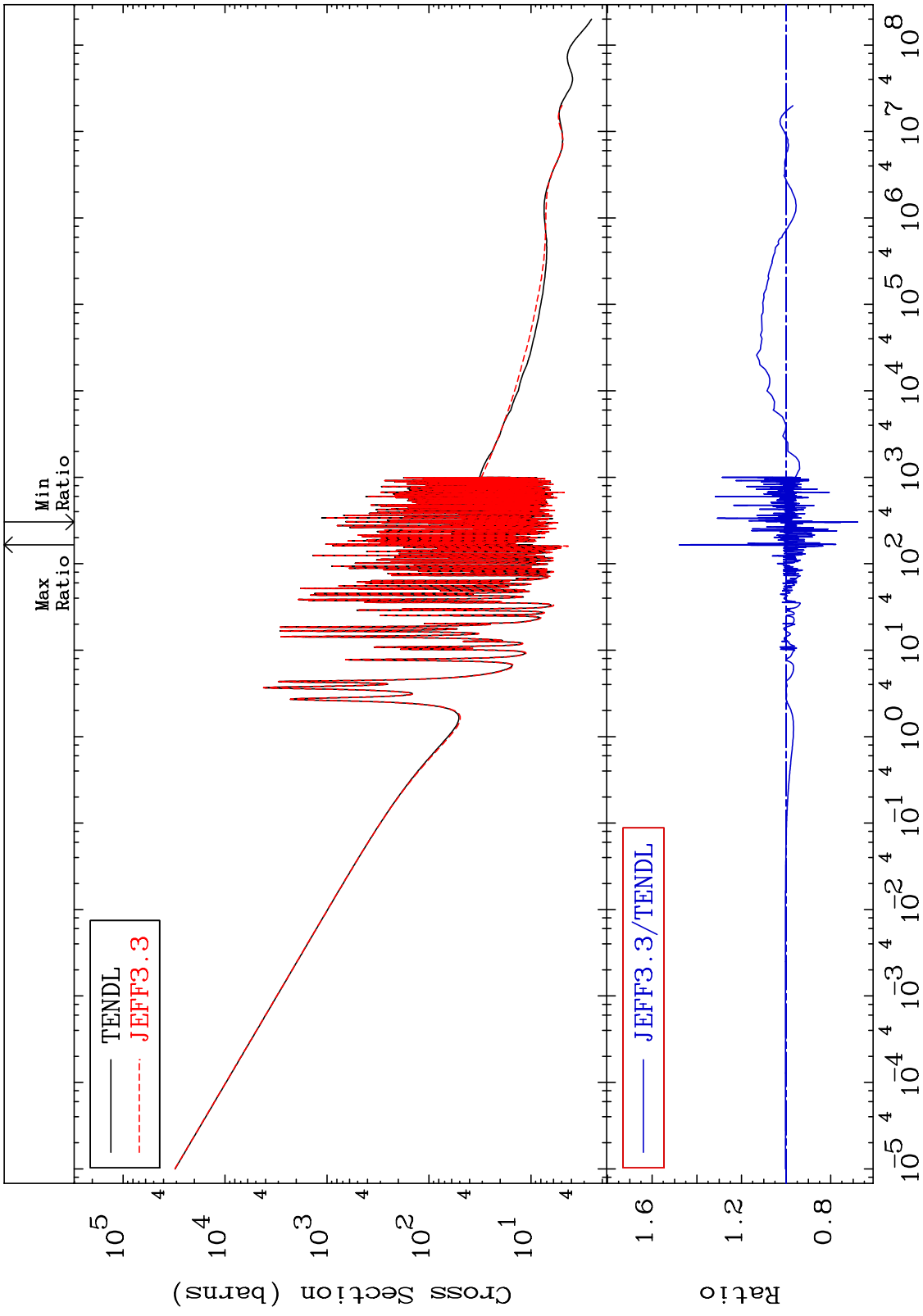
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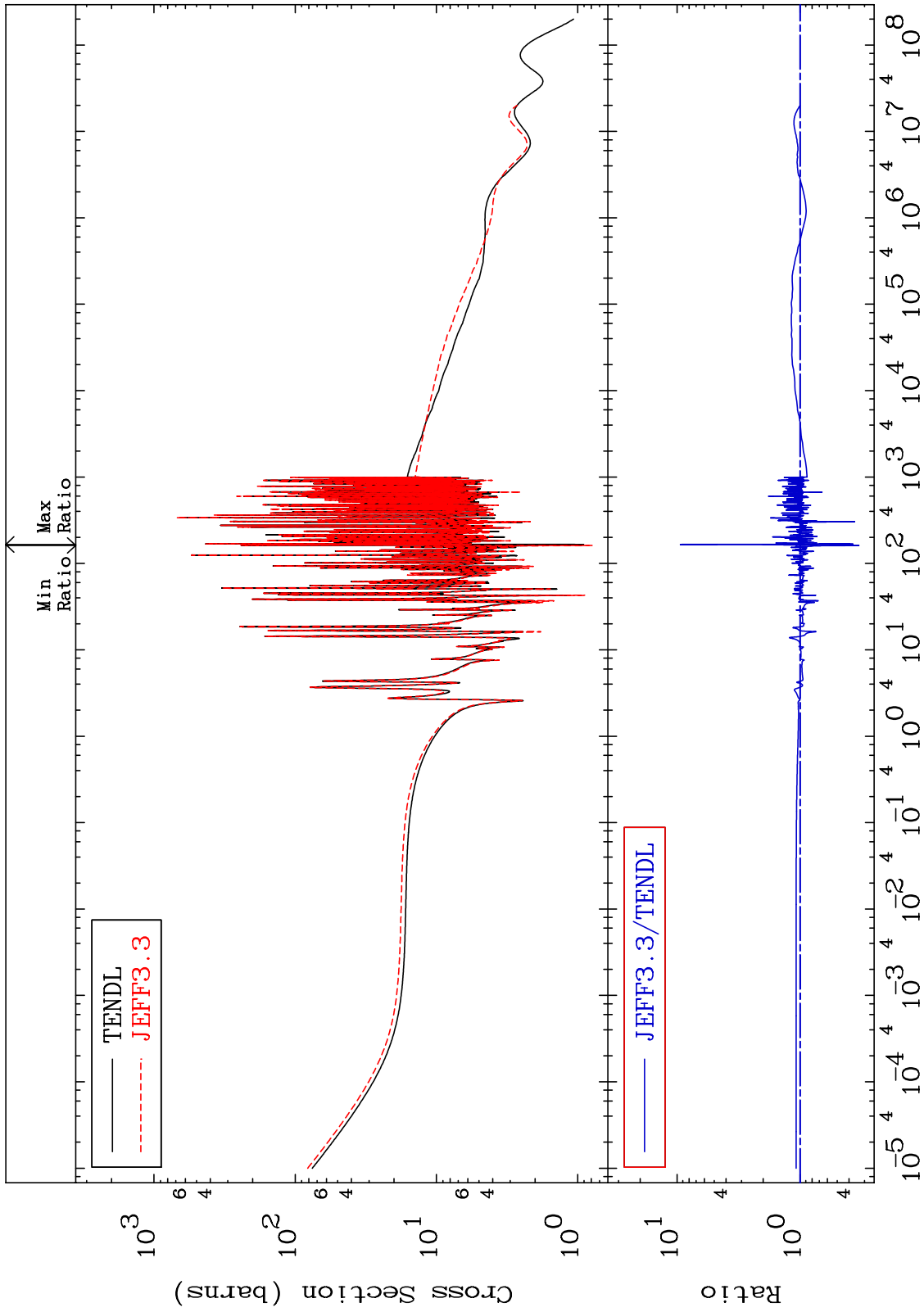
Press Mouse Button to Start

MAT 6640 Total Cross Section 66-Dy-161
-32.12 To 47.97 %



Incident Energy (eV) 66-Dy-161

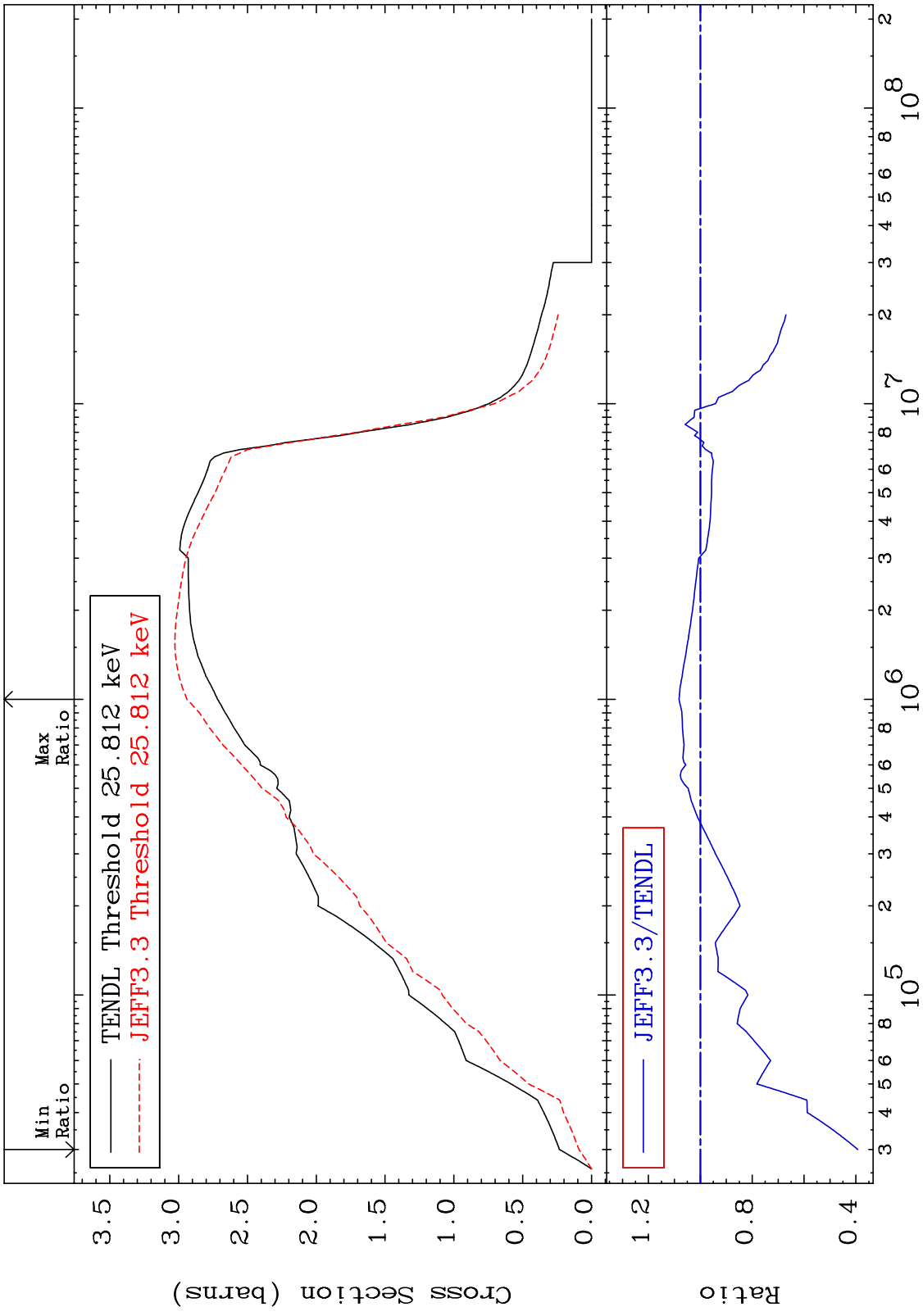
MAT 6640 Elastic Cross Section 66-Dy-161 -66.70 To 843.9 %



66-Dy-161

Incident Energy (eV)

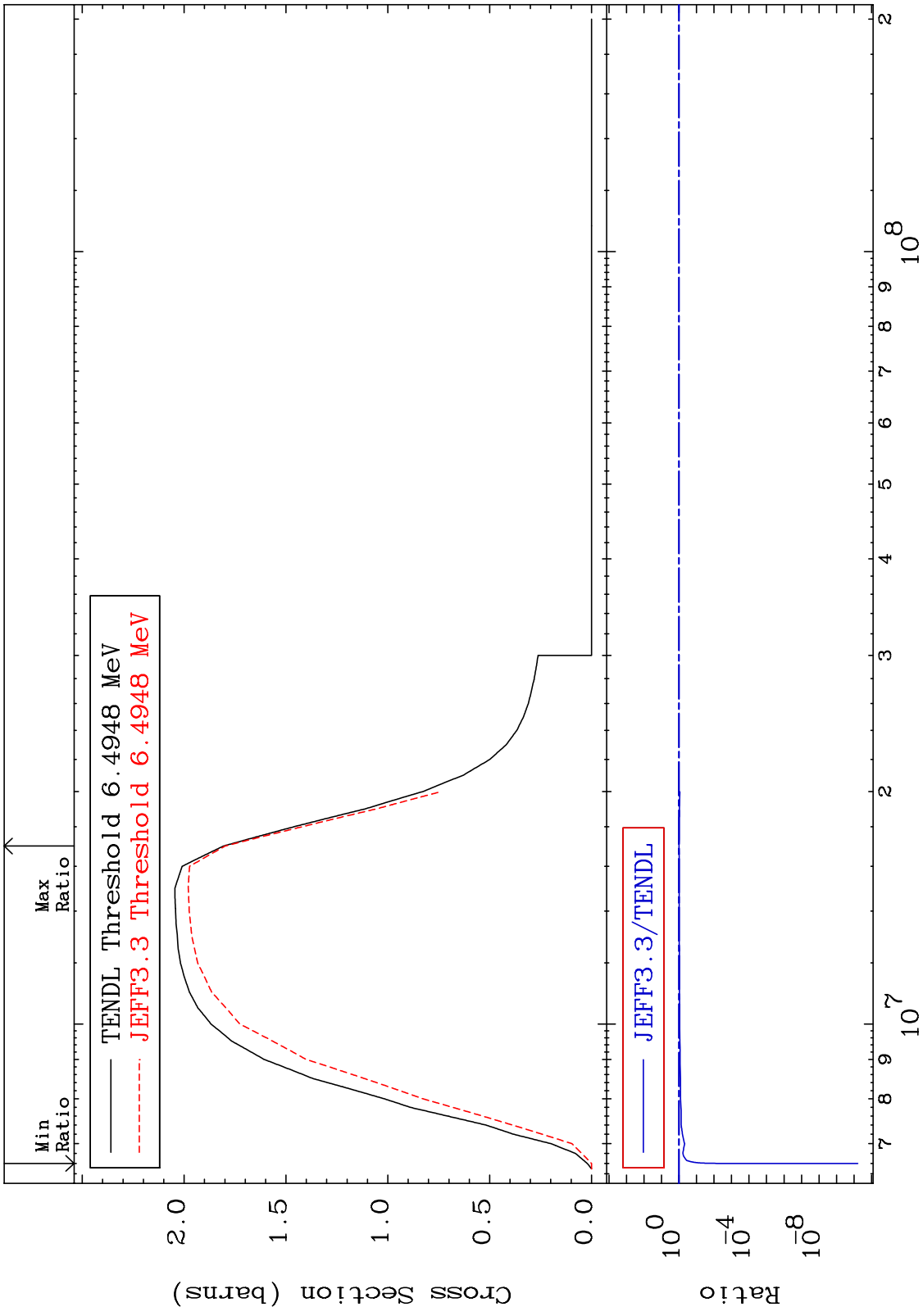
MAT 6640 66-Dy-161
-60.74 To 8.203 %



3 66-Dy-161

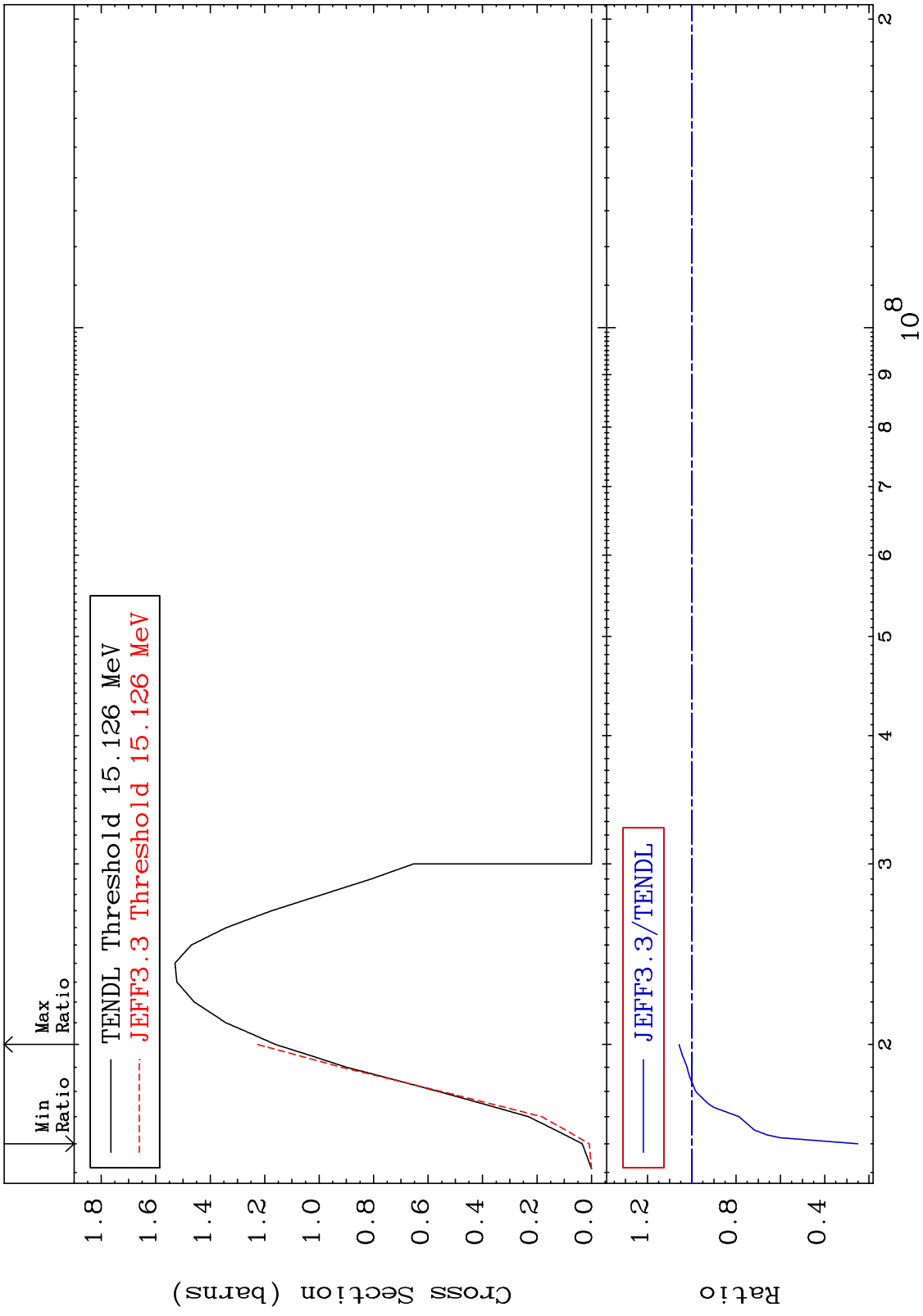
MAT 6640 66-Dy-161
-100.0 To -0.455%

(n,2n)
 Cross Section



4 66-Dy-161

MAT 6640 (n,3n) Cross Section 66-Dy-161 -74.96 To 5.763 %



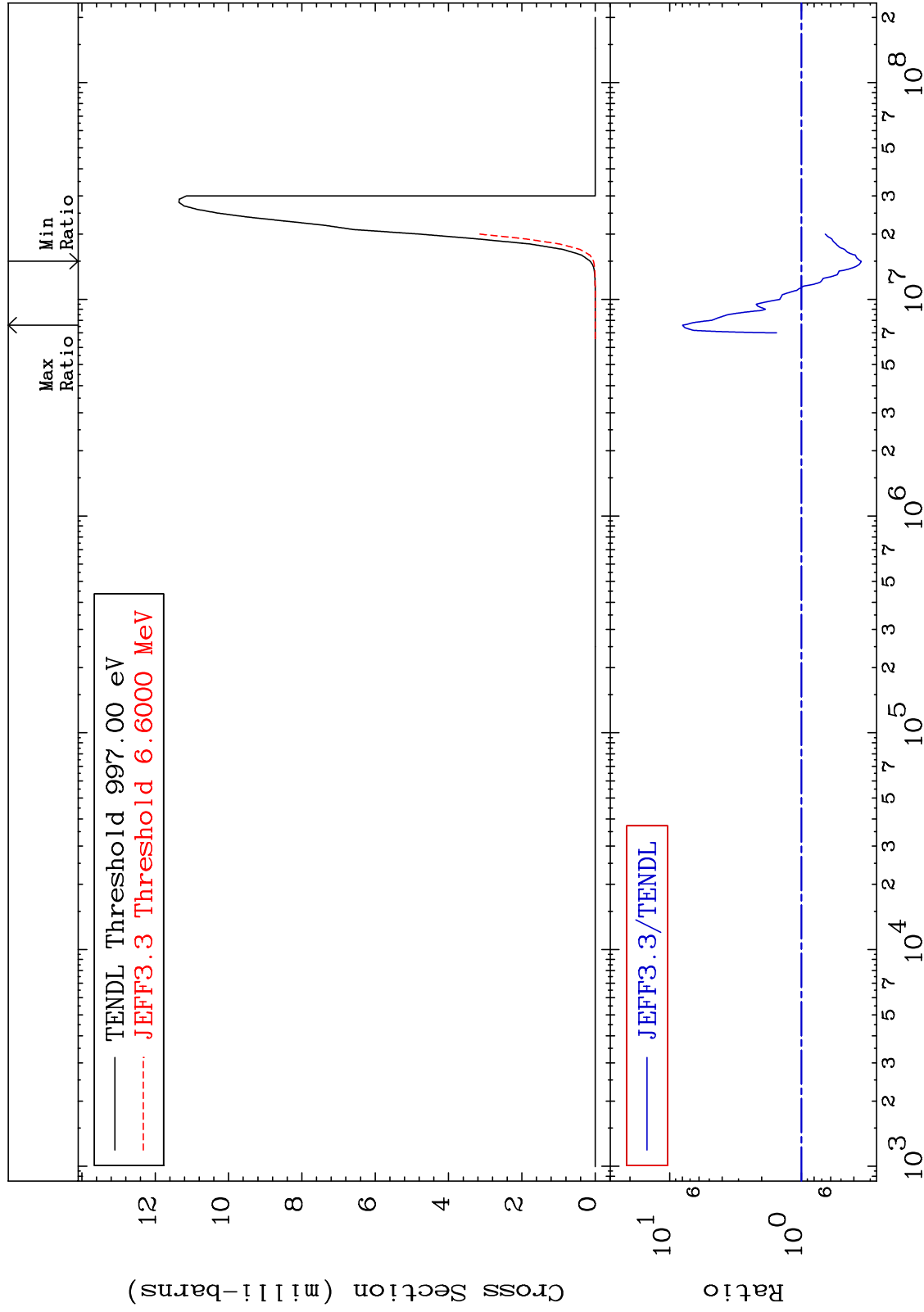
MAT 6640

$(n, n') \alpha$

Cross Section

66-Dy-161

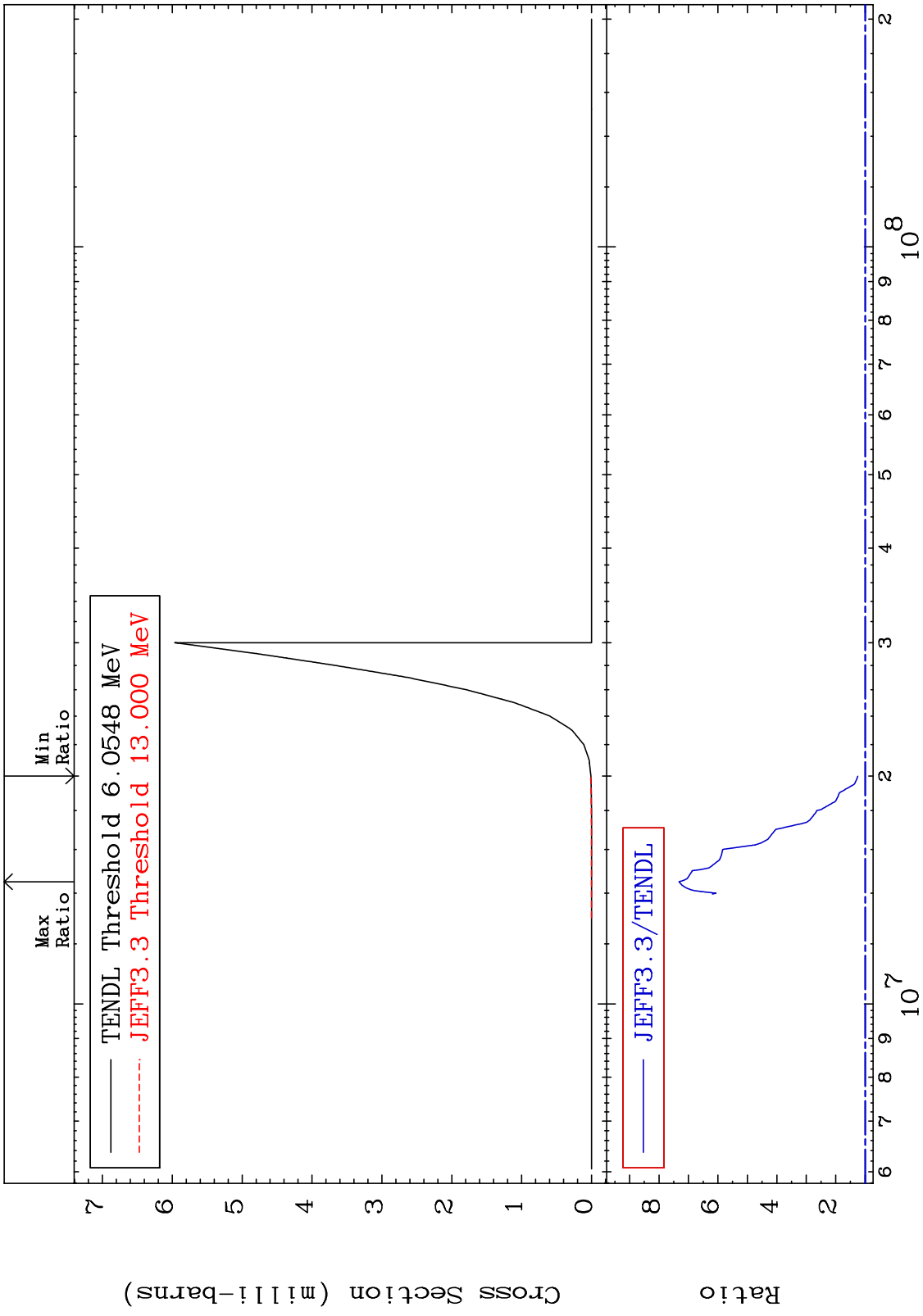
-64.93 To 696.9 %



Incident Energy (eV)

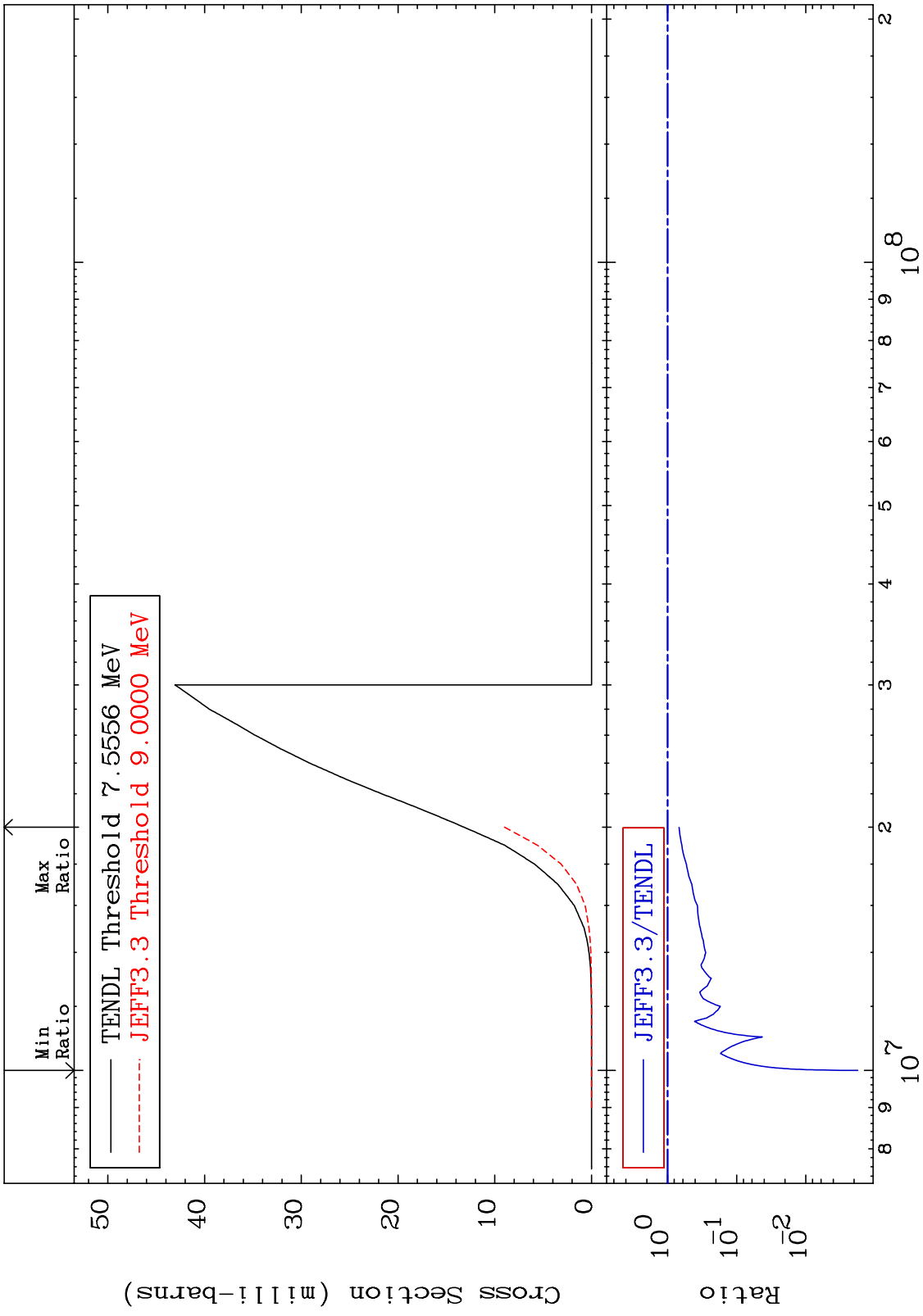
66-Dy-161

MAT 6640 $(n, 2n) \alpha$ Cross Section 66-Dy-161 24.73 To 632.1 %

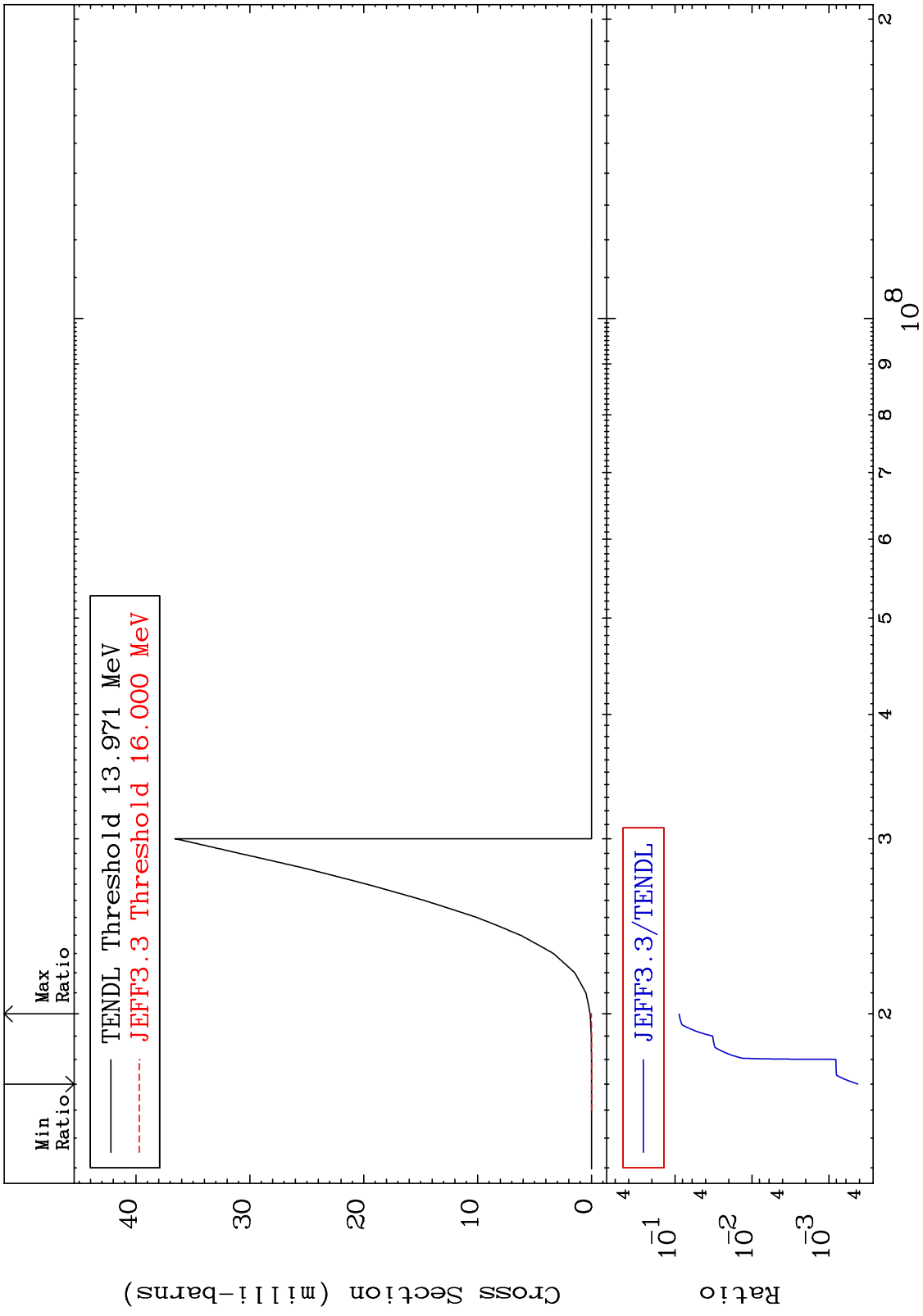


66-Dy-161

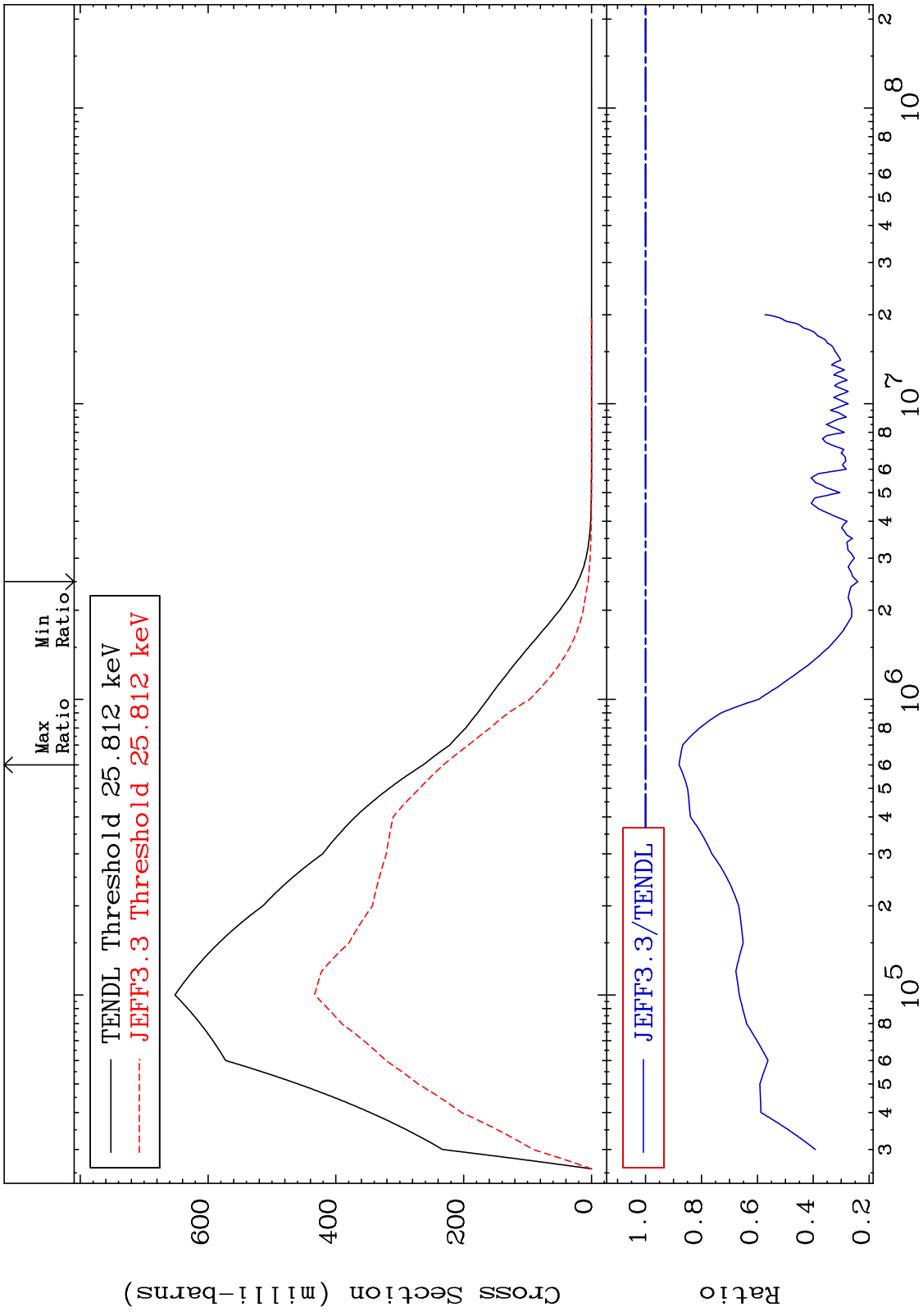
MAT 6640 (n, n') p $^{66}\text{Dy-161}$
 Cross Section -99.82% To -31.82%



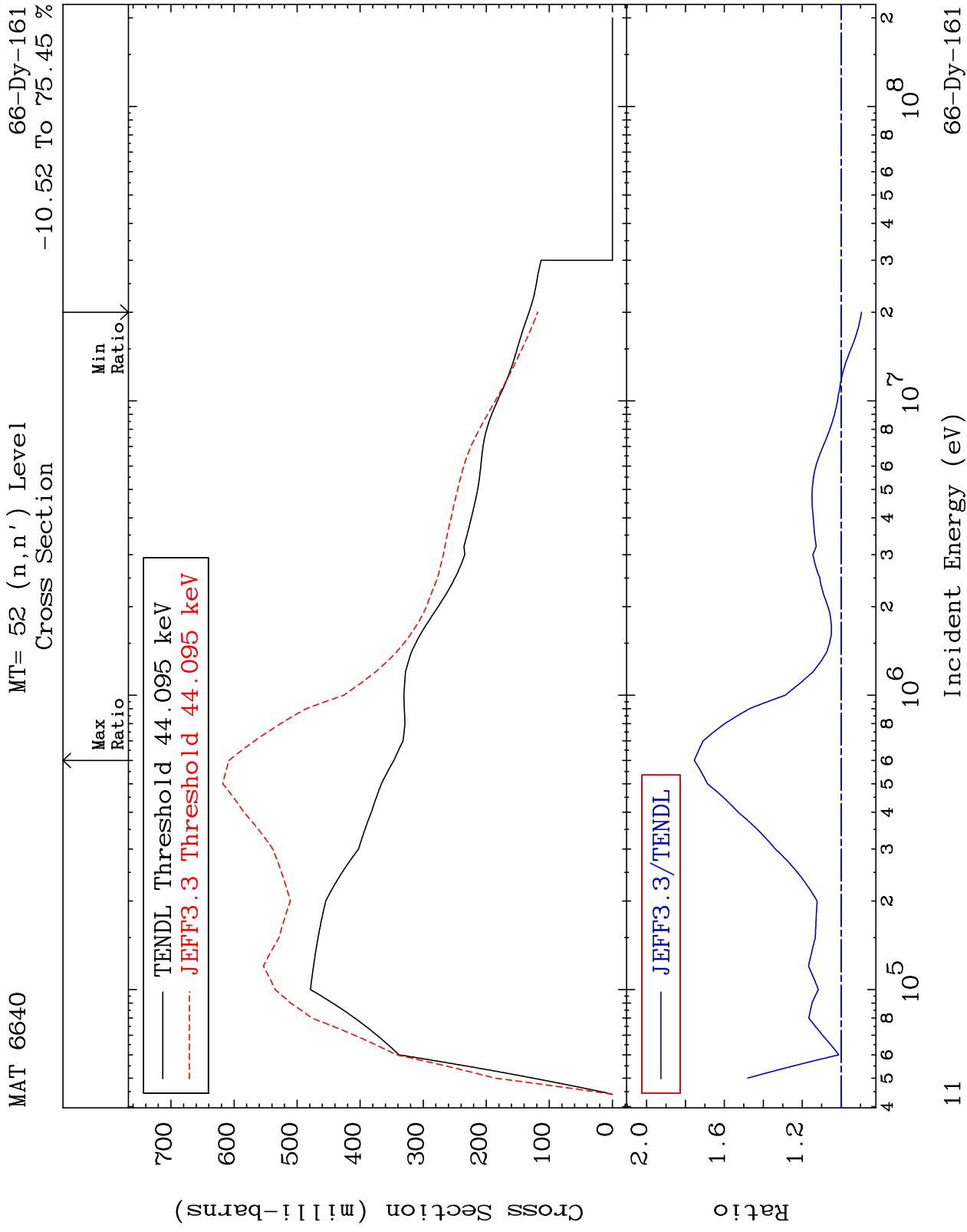
MAT 6640 (n,2n) p 66-Dy-161
 Cross Section -99.96 To -91.13%



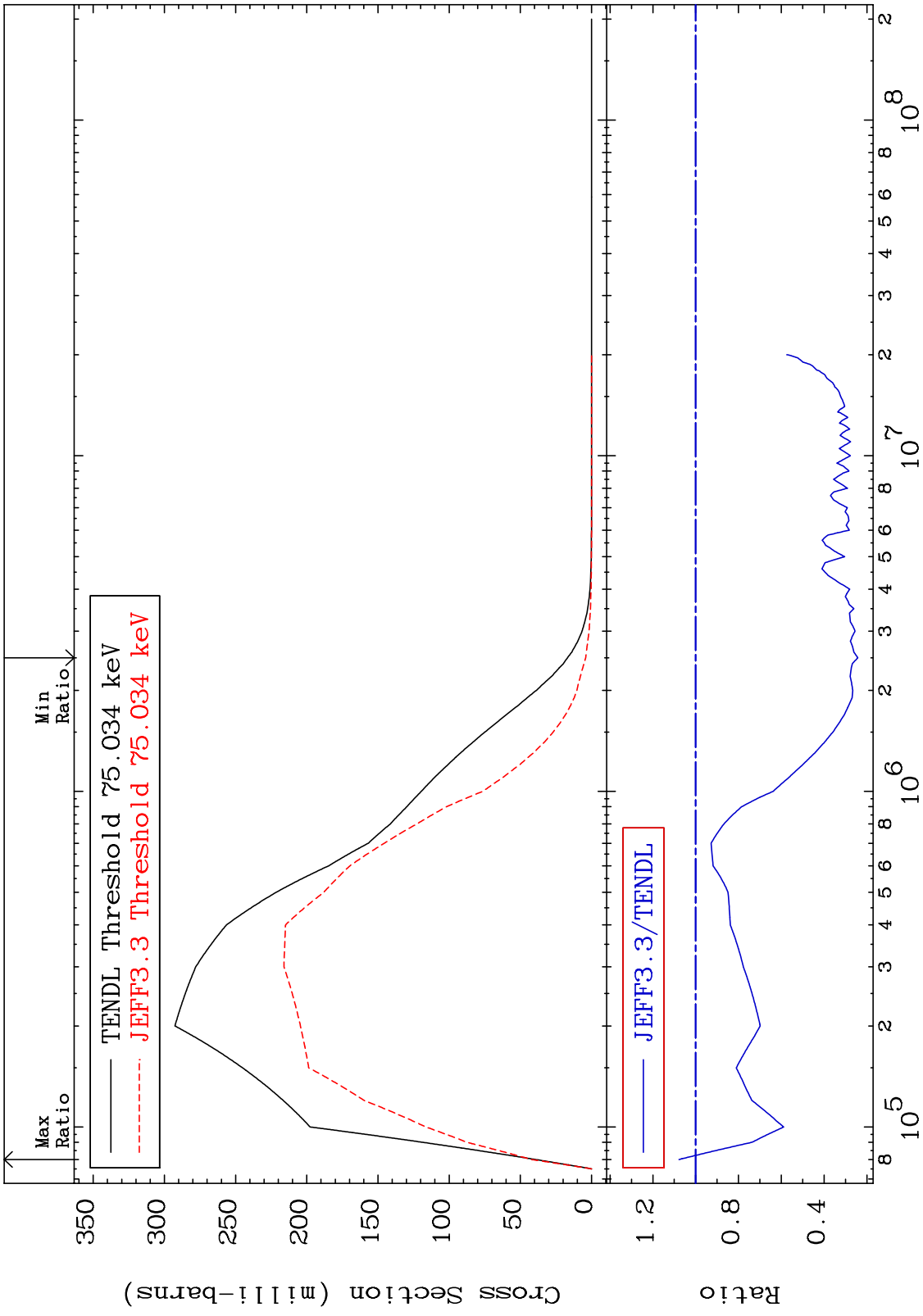
MAT 6640 MT= 51 (n,n') Level Cross Section 66-Dy-161
 -75.93 To -11.97%



Incident Energy (eV) 66-Dy-161

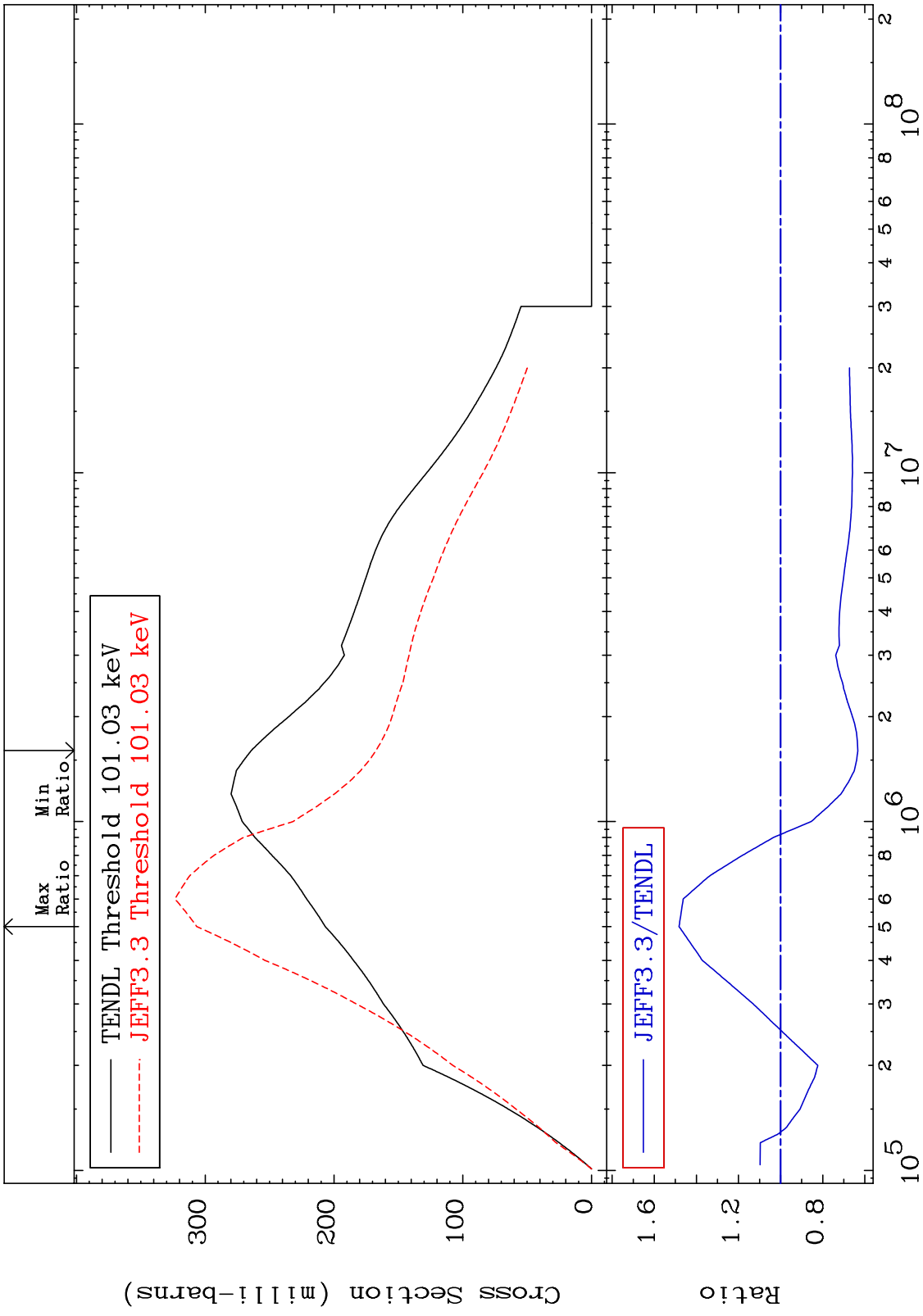


MAT 6640 MT= 53 (n,n') Level Cross Section 66-Dy-161
 -75.75 To 7.768 %



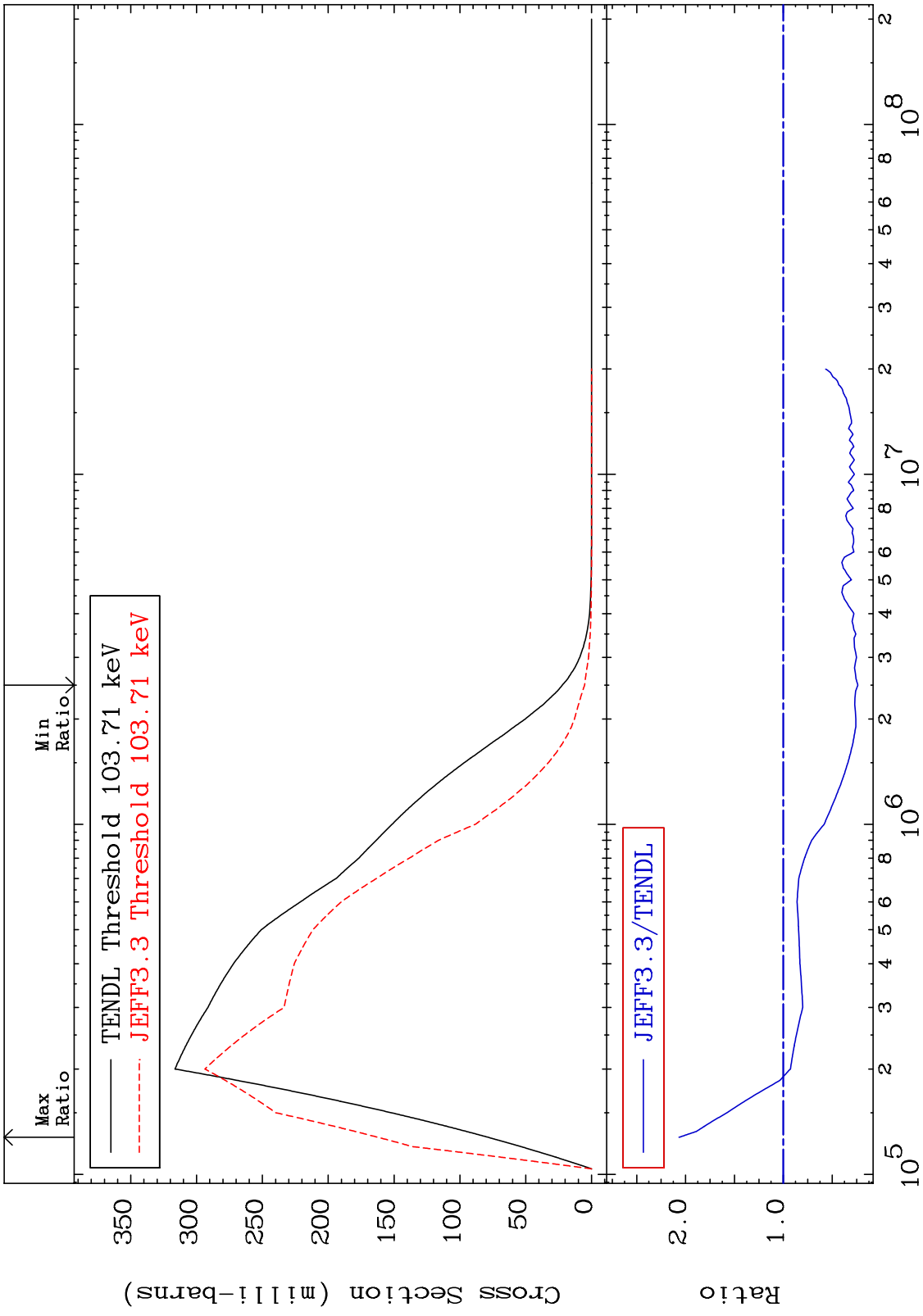
12 66-Dy-161

MAT 6640 MT= 54 (n,n') Level Cross Section 66-Dy-161
 -36.68 To 48.23 %



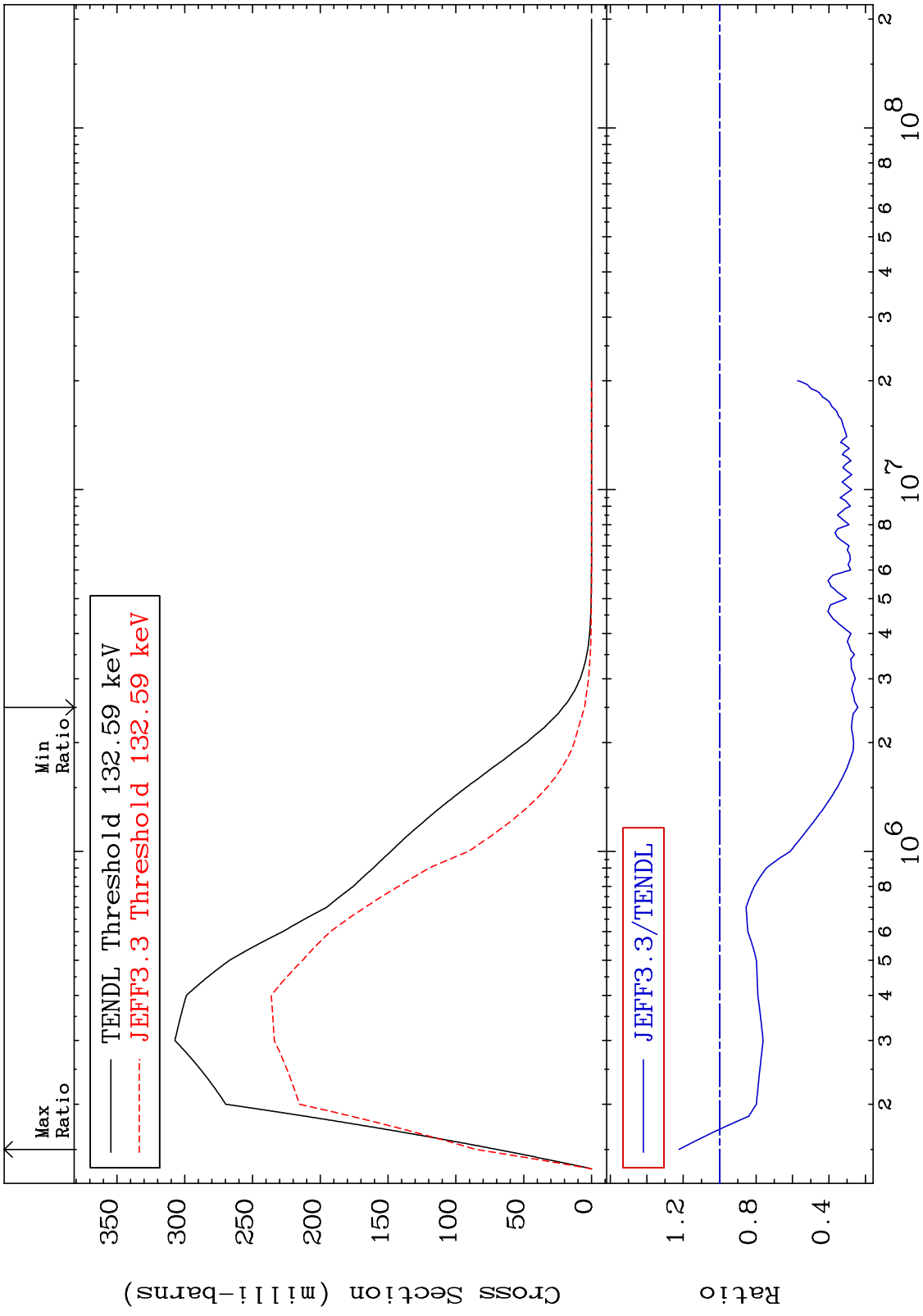
13 66-Dy-161

MAT 6640 MT= 55 (n,n') Level Cross Section 66-Dy-161
 -76.21 To 106.7 %



Incident Energy (eV) 66-Dy-161

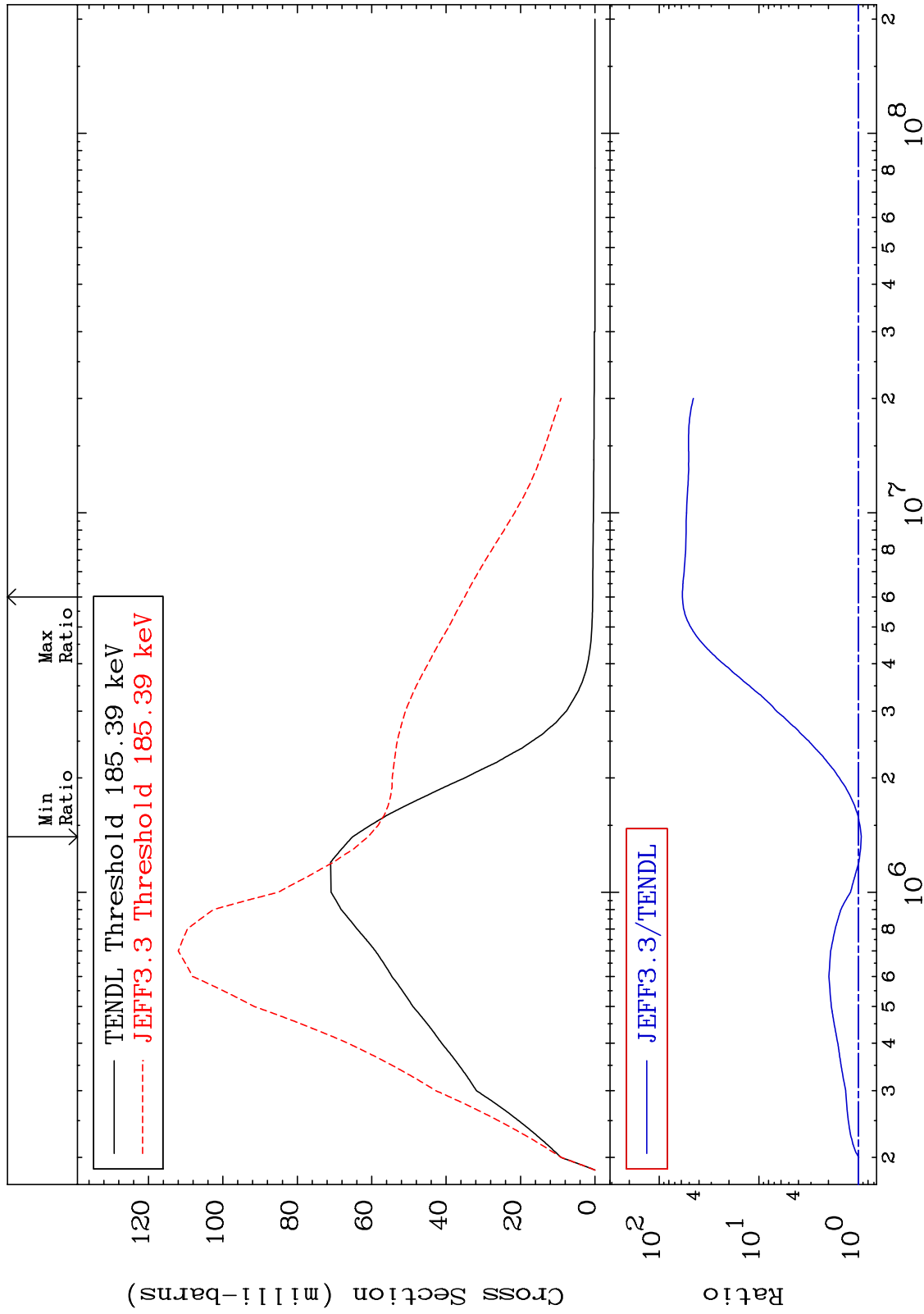
MAT 6640 MT= 56 (n,n') Level Cross Section 66-Dy-161
 -75.87 To 22.27 %



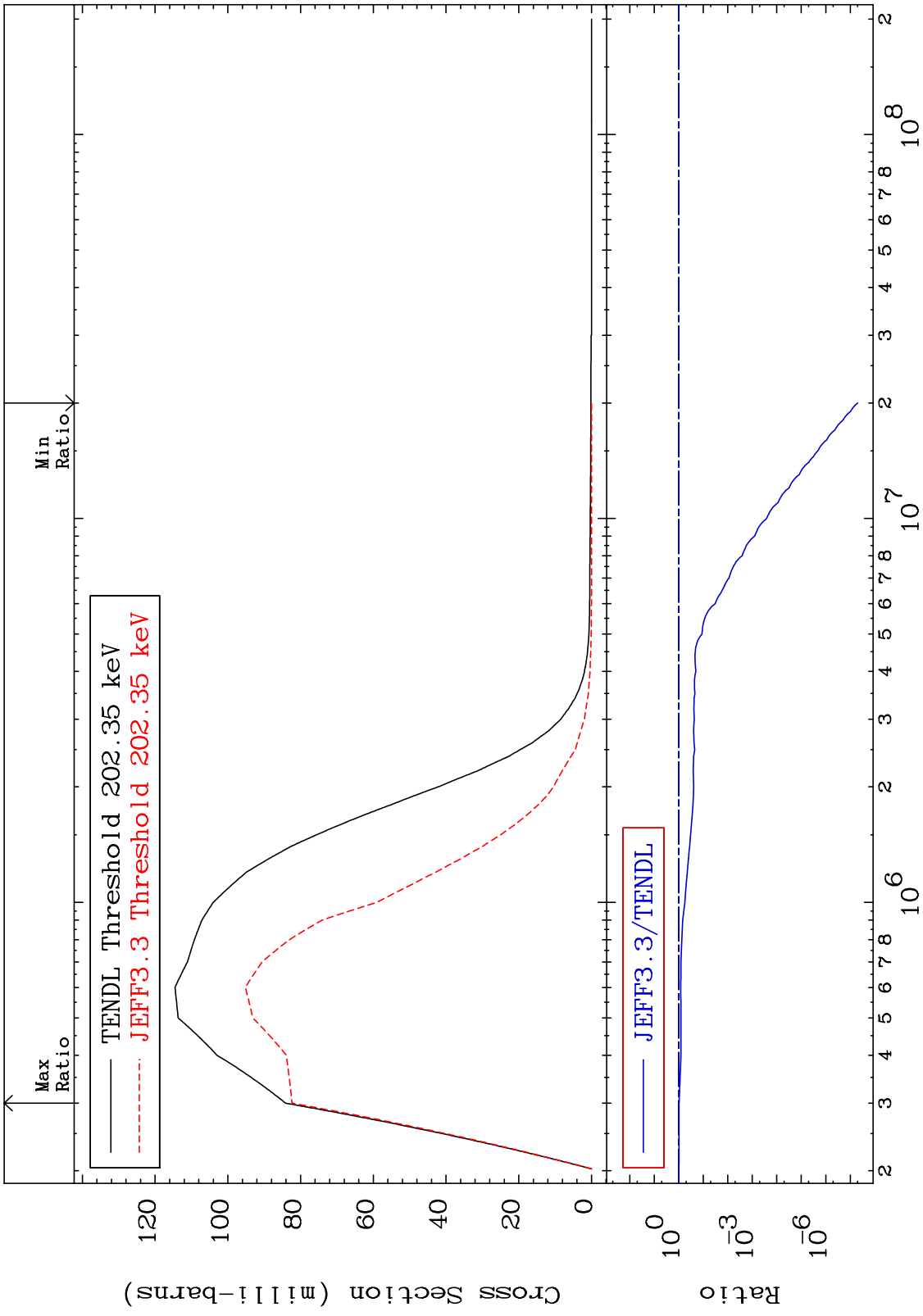
MAT 6640

MT= 57 (n,n') Level
Cross Section

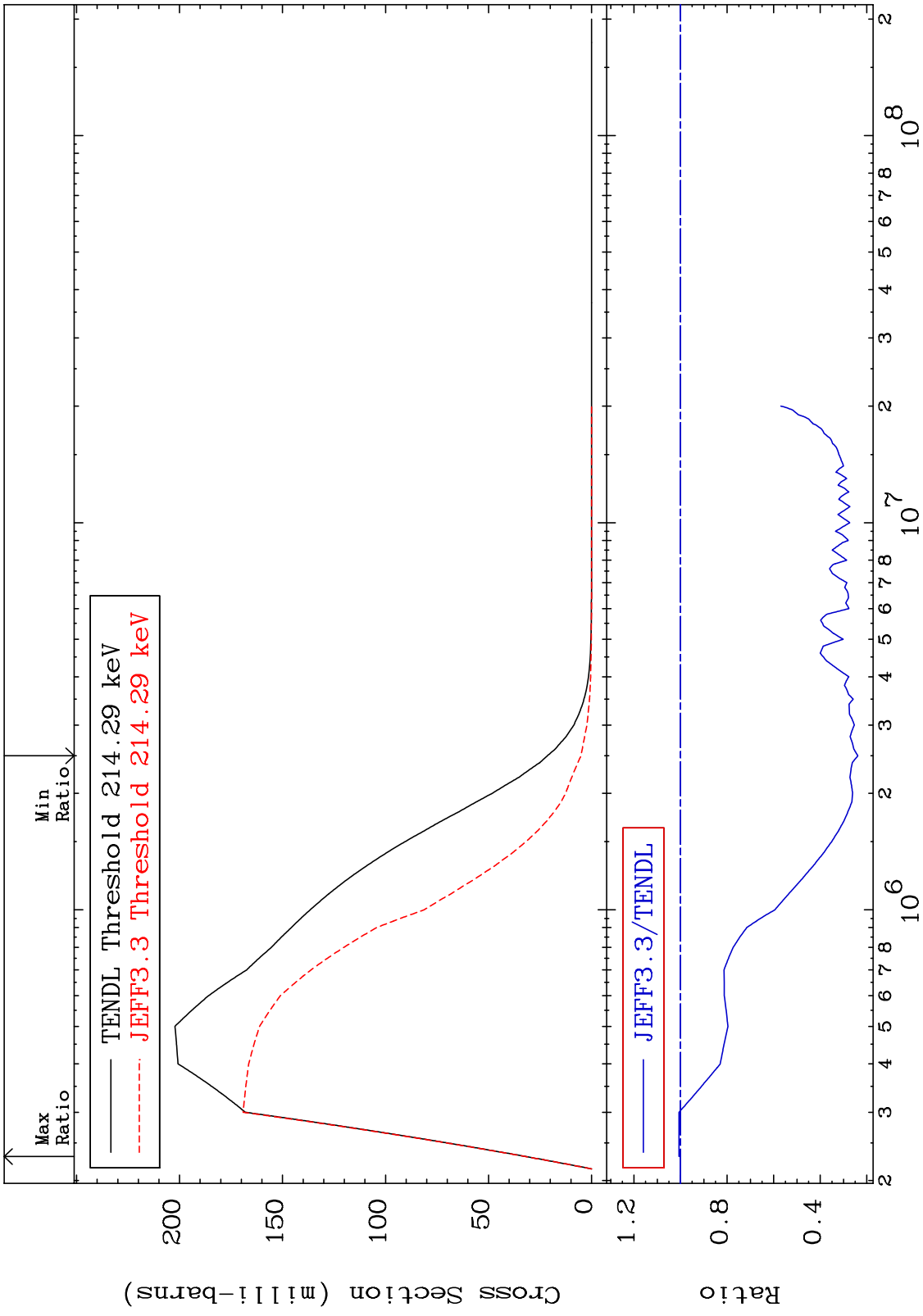
66-Dy-161
-6.384 To 5751. %



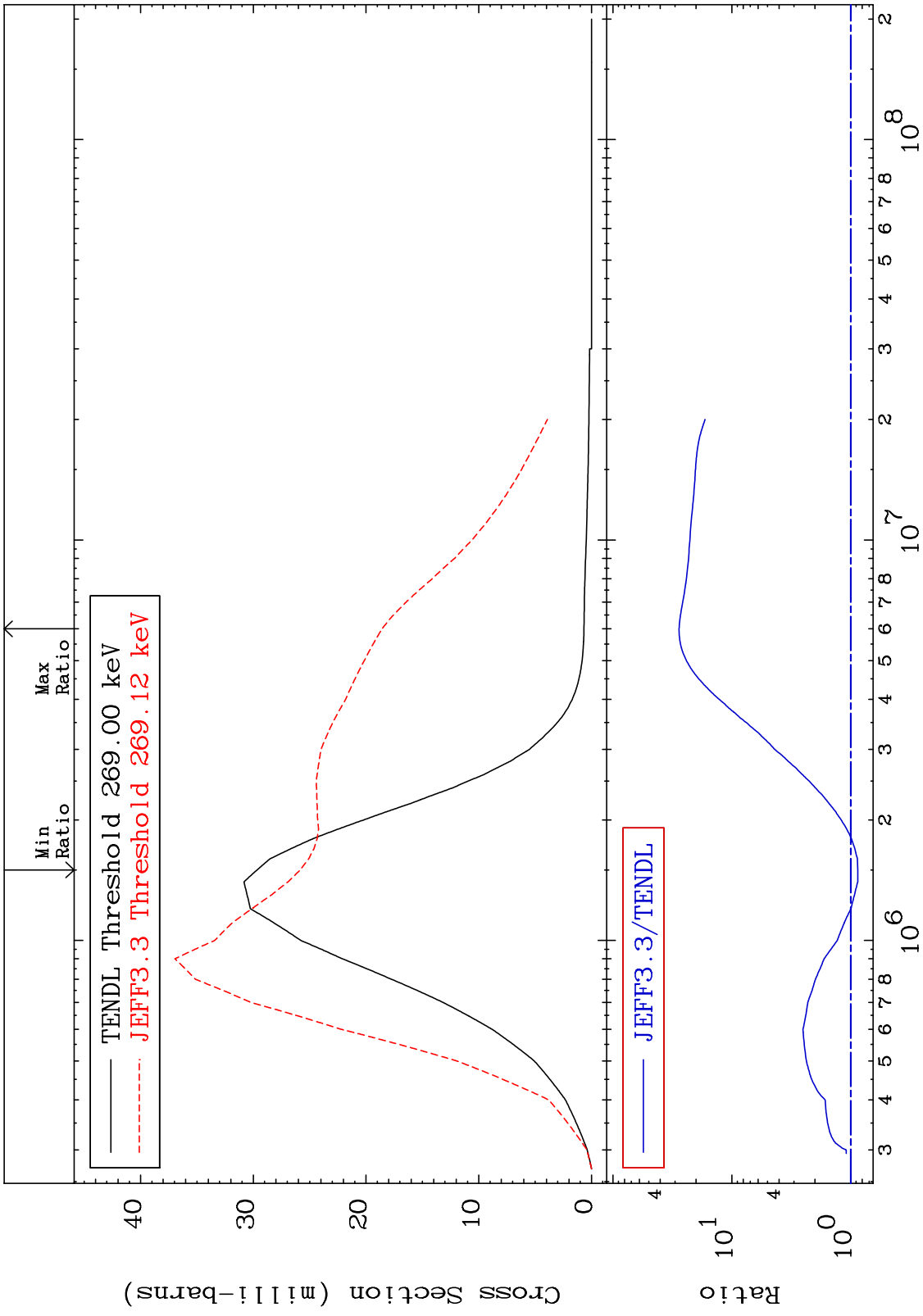
MAT 6640 MT= 58 (n,n') Level Cross Section 66-Dy-161
 -100.0 To -2.148%



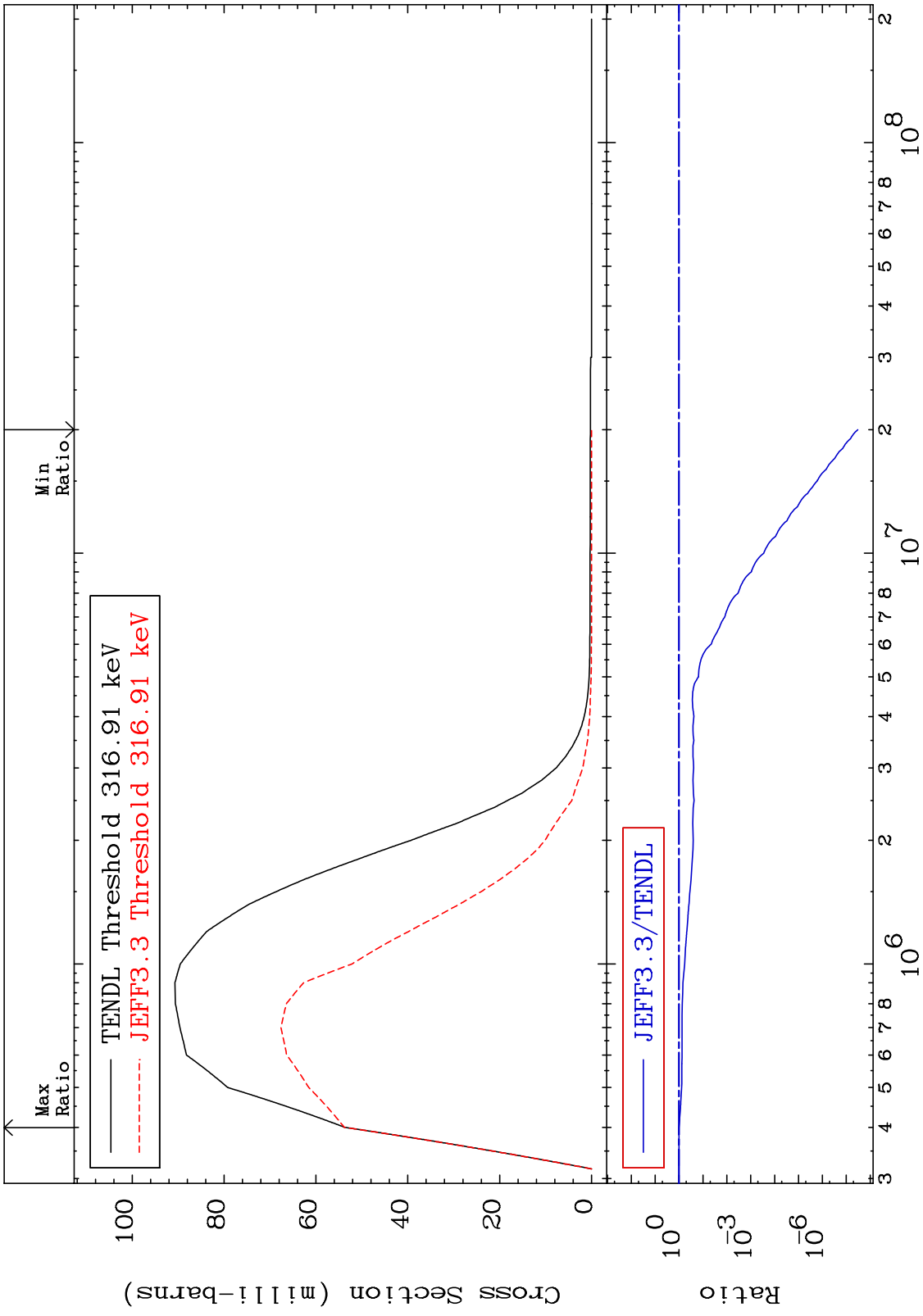
MAT 6640 MT= 59 (n,n') Level Cross Section 66-Dy-161
 -76.13 To 0.649 %



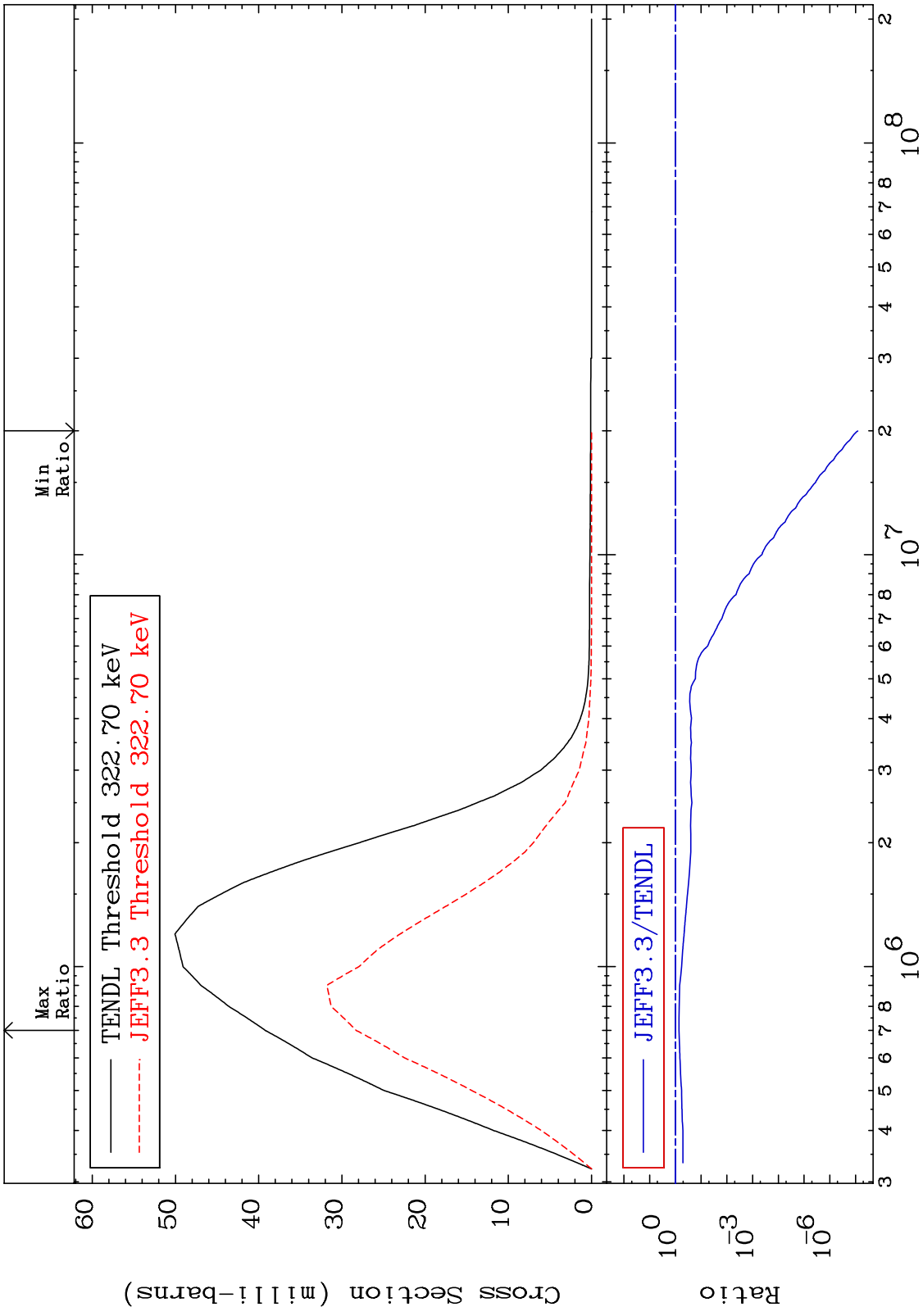
MAT 6640 MT= 60 (n,n') Level 66-Dy-161
 Cross Section -12.93 To 2679. %



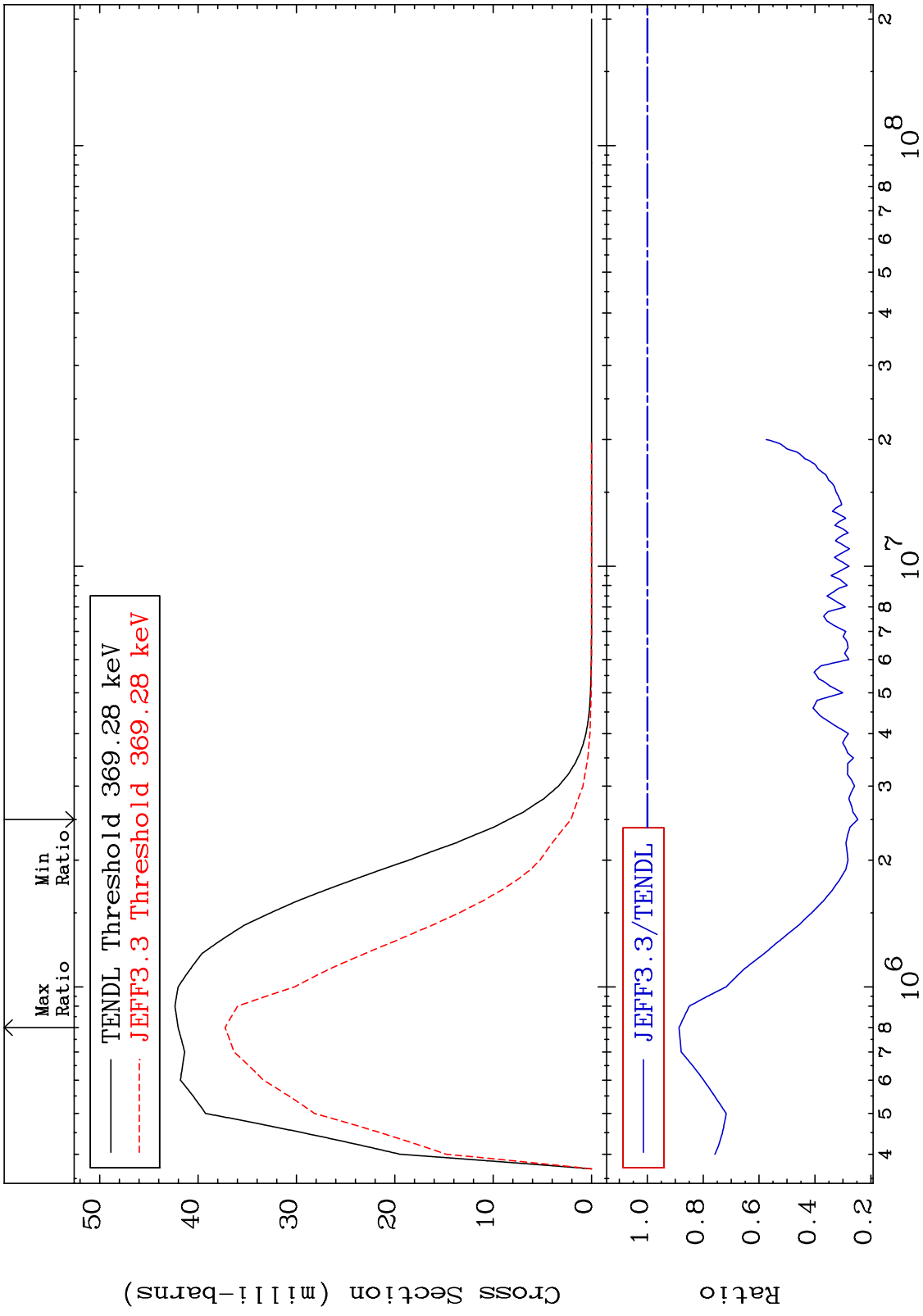
MAT 6640 MT= 61 (n,n') Level Cross Section 66-Dy-161
 -100.0 To 0.179 %



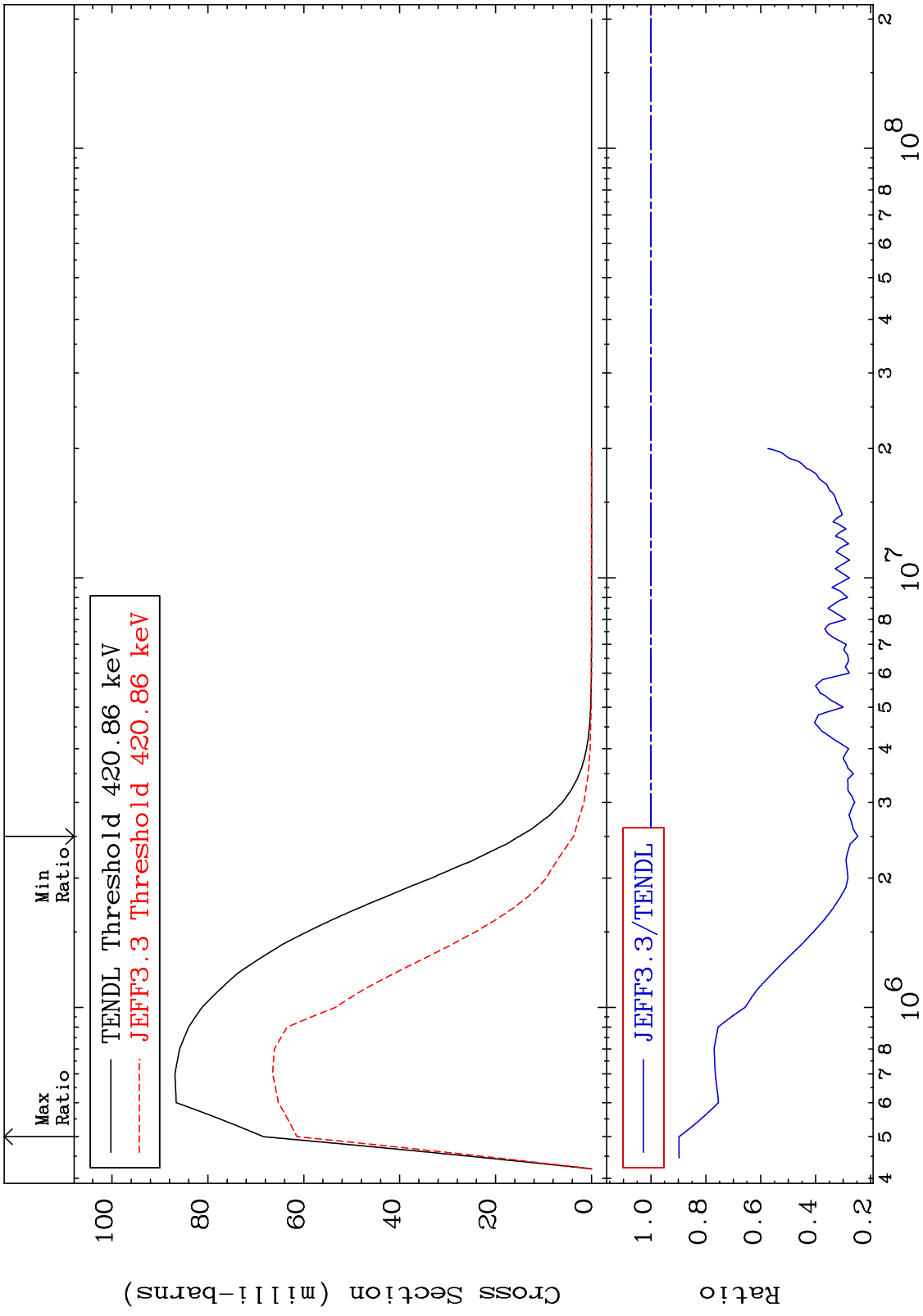
MAT 6640 MT= 62 (n,n') Level Cross Section 66-Dy-161
 -100.0 To -27.86%



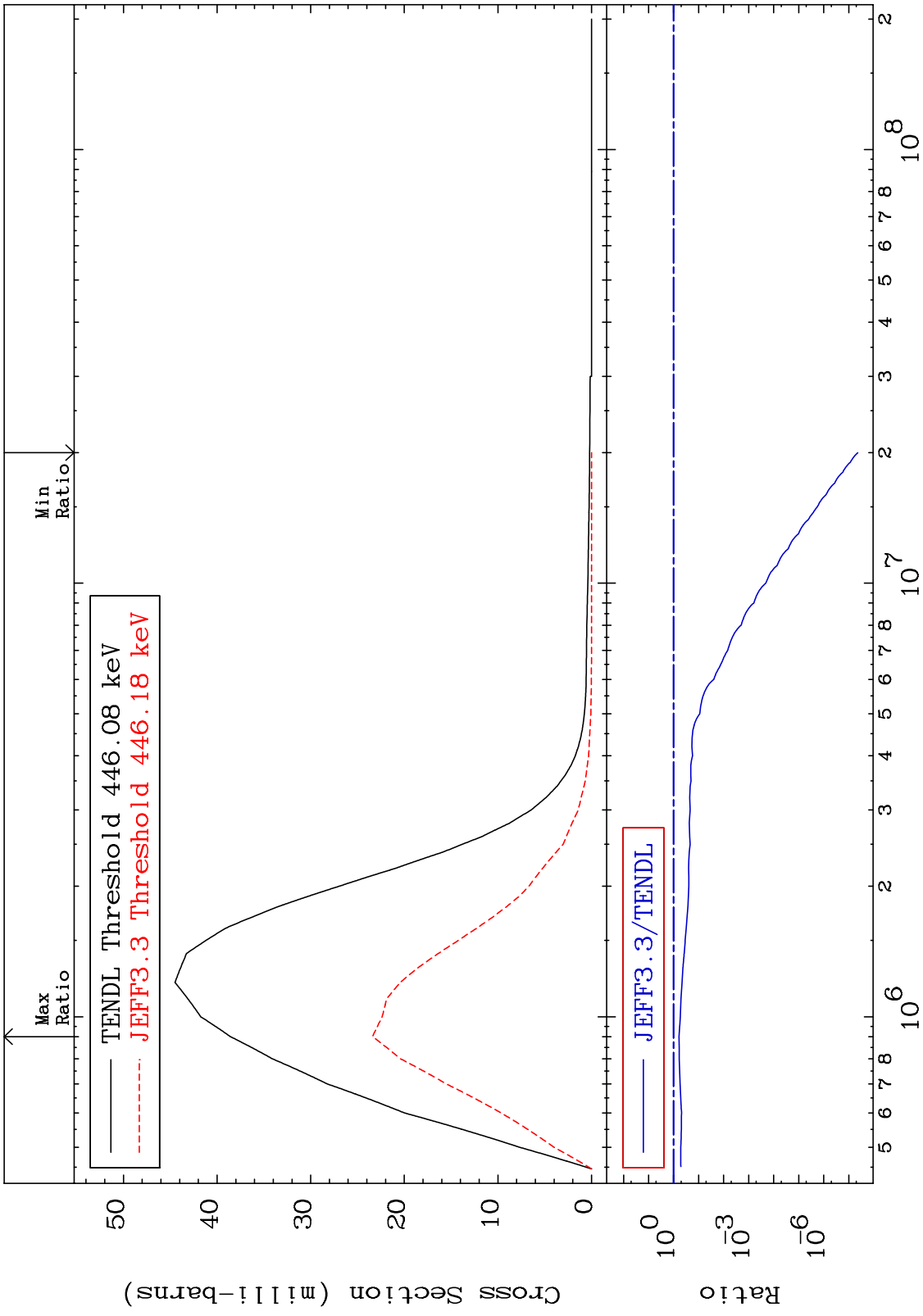
MAT 6640 MT= 63 (n,n') Level 66-Dy-161
 Cross Section -75.33 To -11.37%



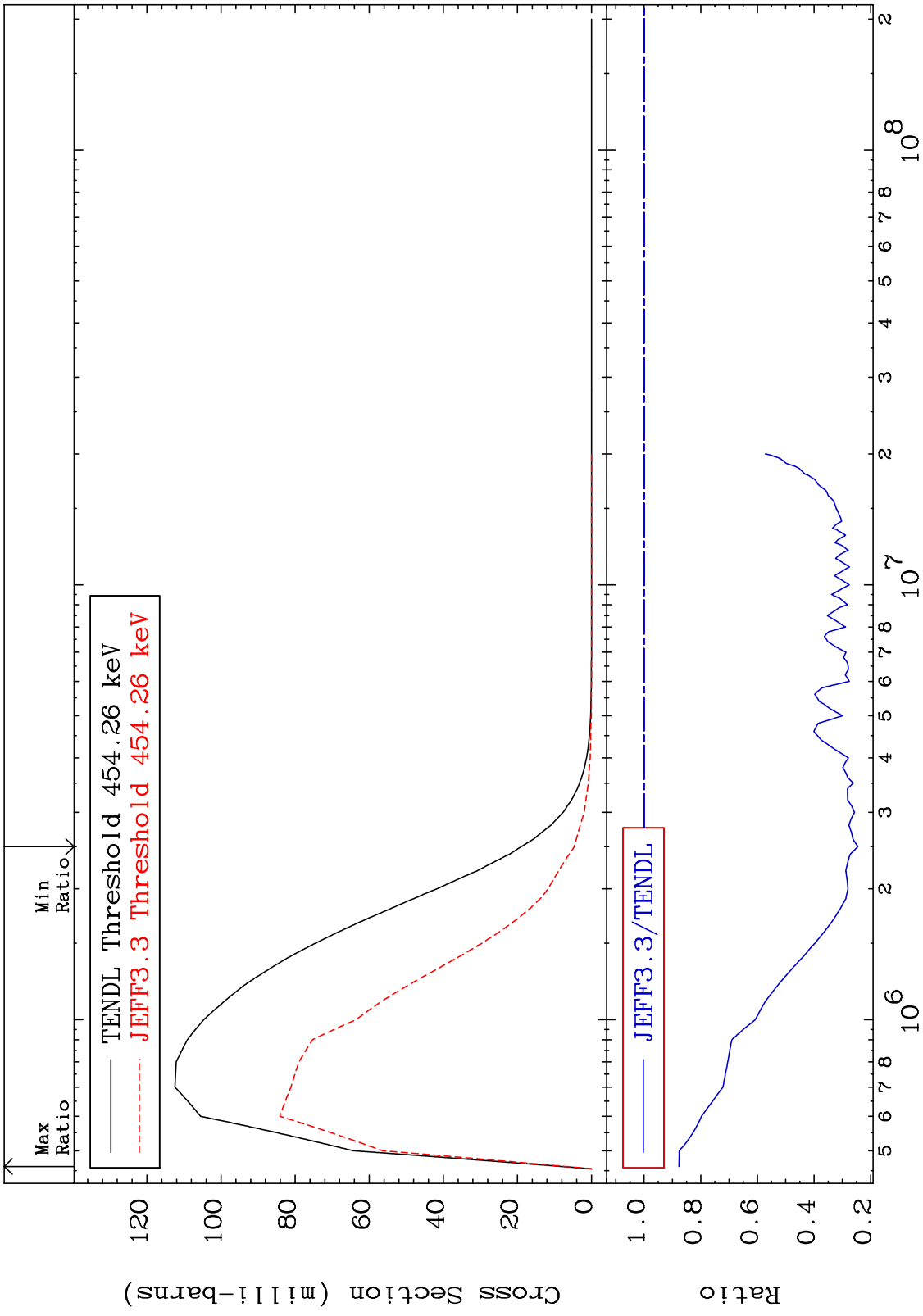
MAT 6640 MT= 65 (n,n') Level Cross Section 66-Dy-161
 -75.35 To -10.24%



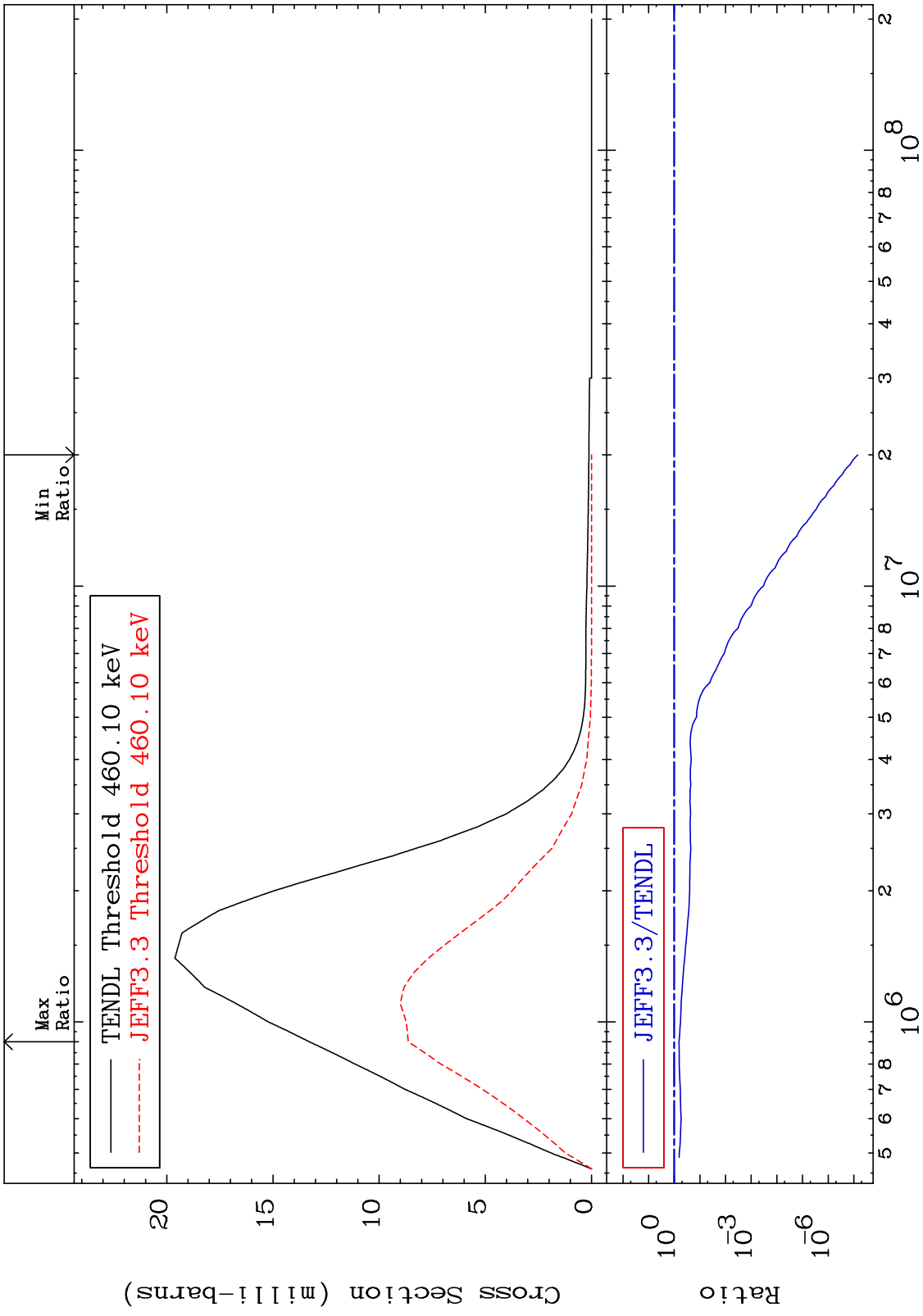
MAT 6640 MT= 66 (n,n') Level Cross Section 66-Dy-161
 -100.0 To -39.35%



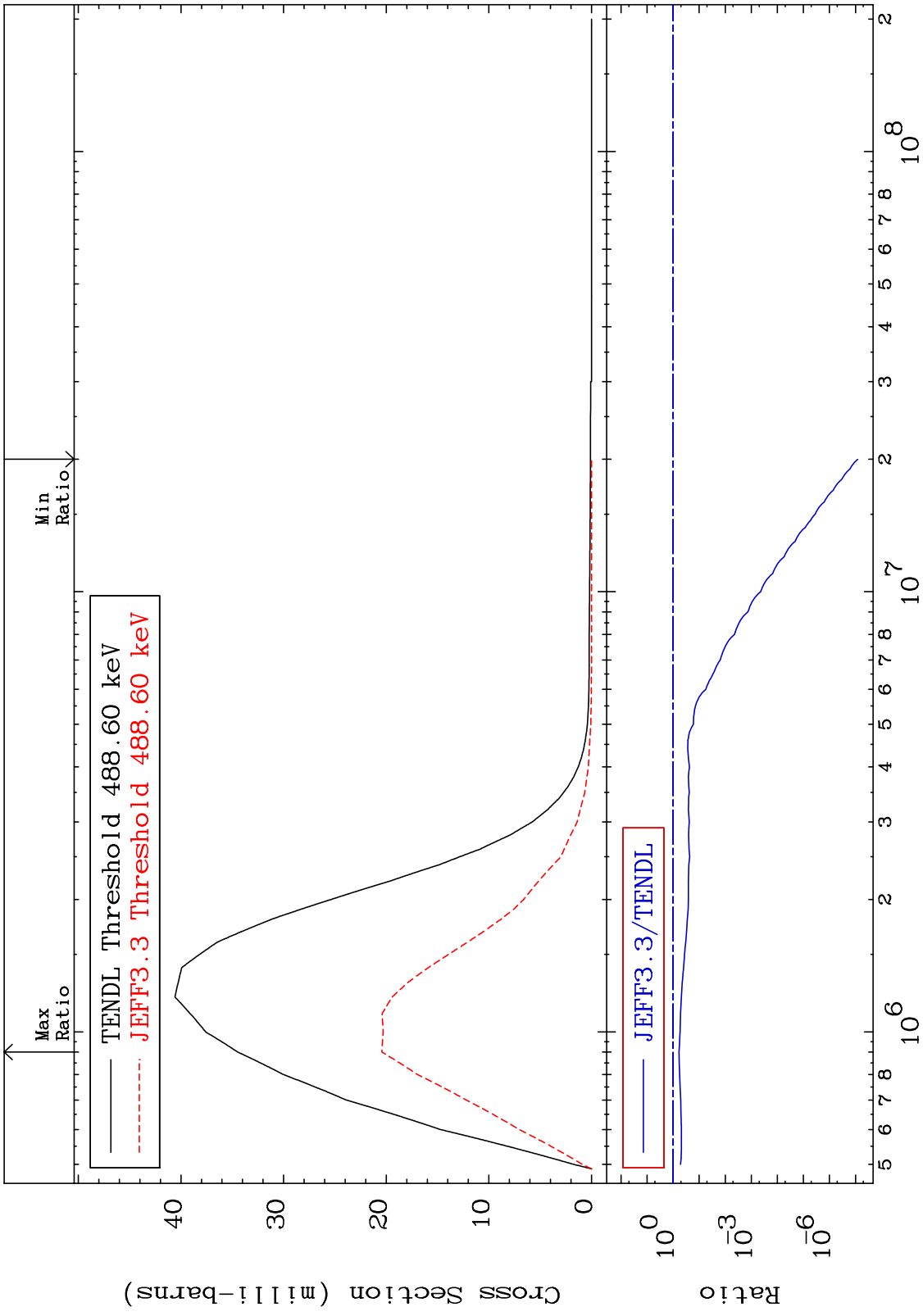
MAT 6640 MT= 67 (n,n') Level Cross Section 66-Dy-161
 -75.47 To -12.34%



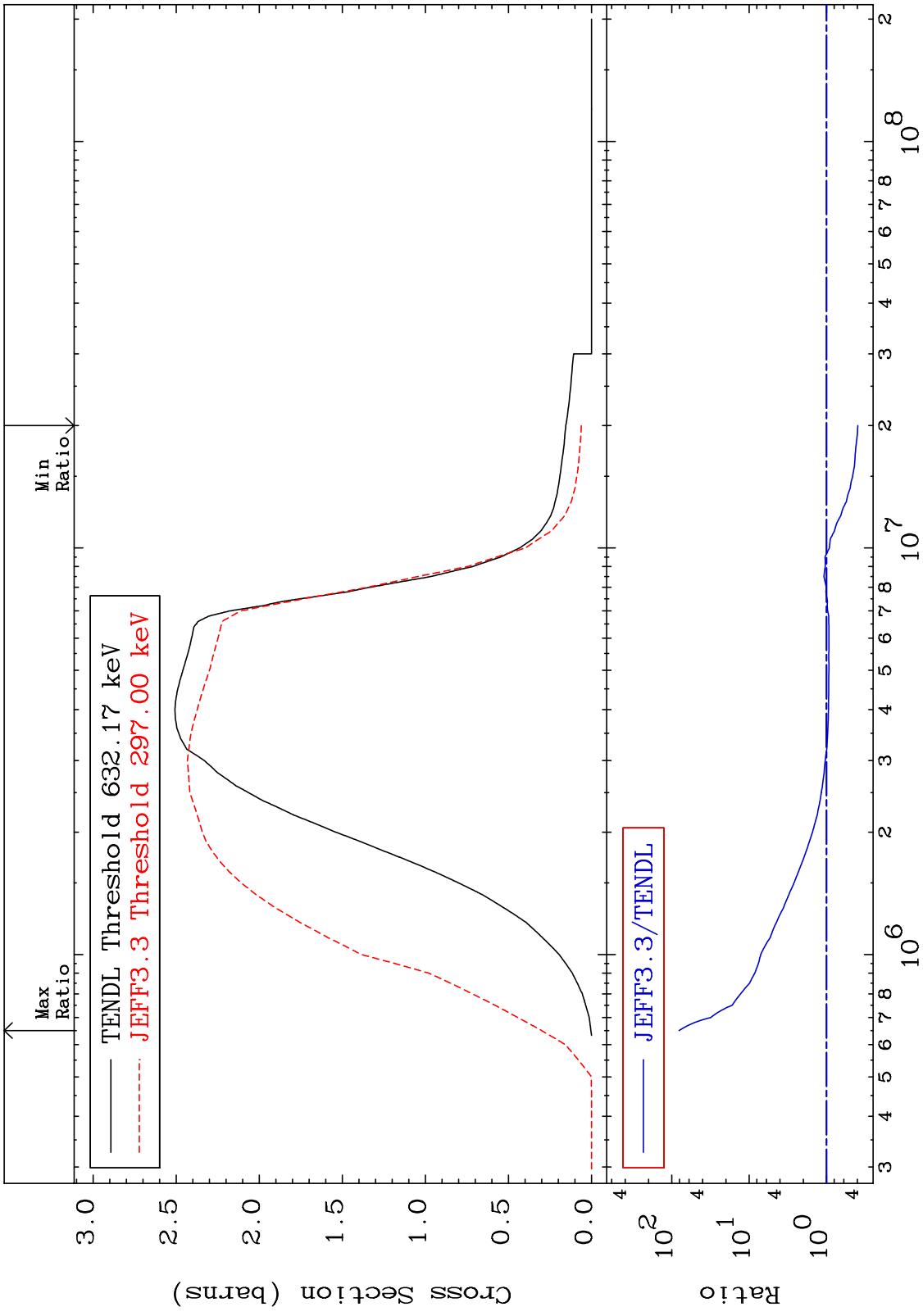
MAT 6640 MT= 68 (n,n') Level Cross Section 66-Dy-161
 -100.0 To -35.06%

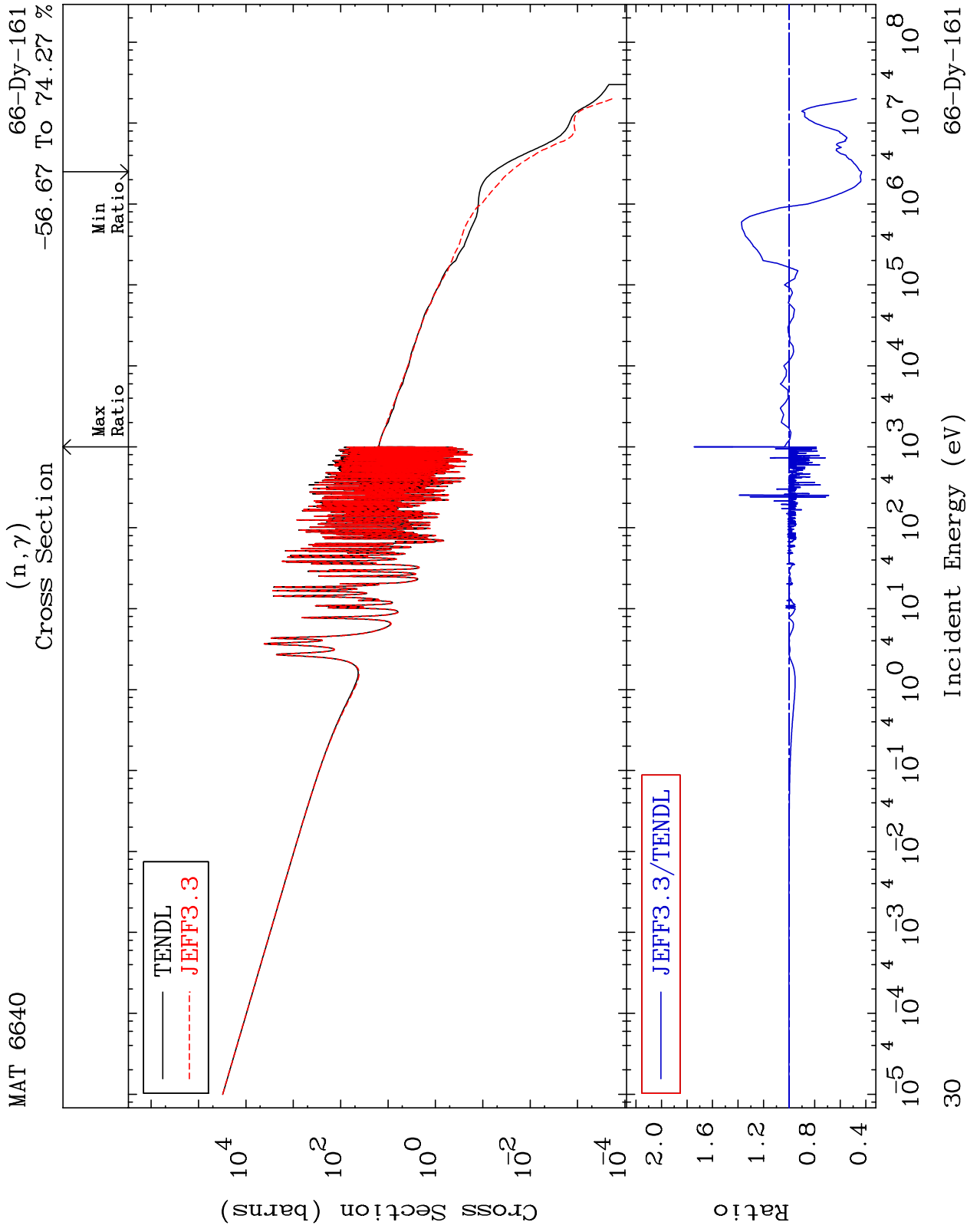


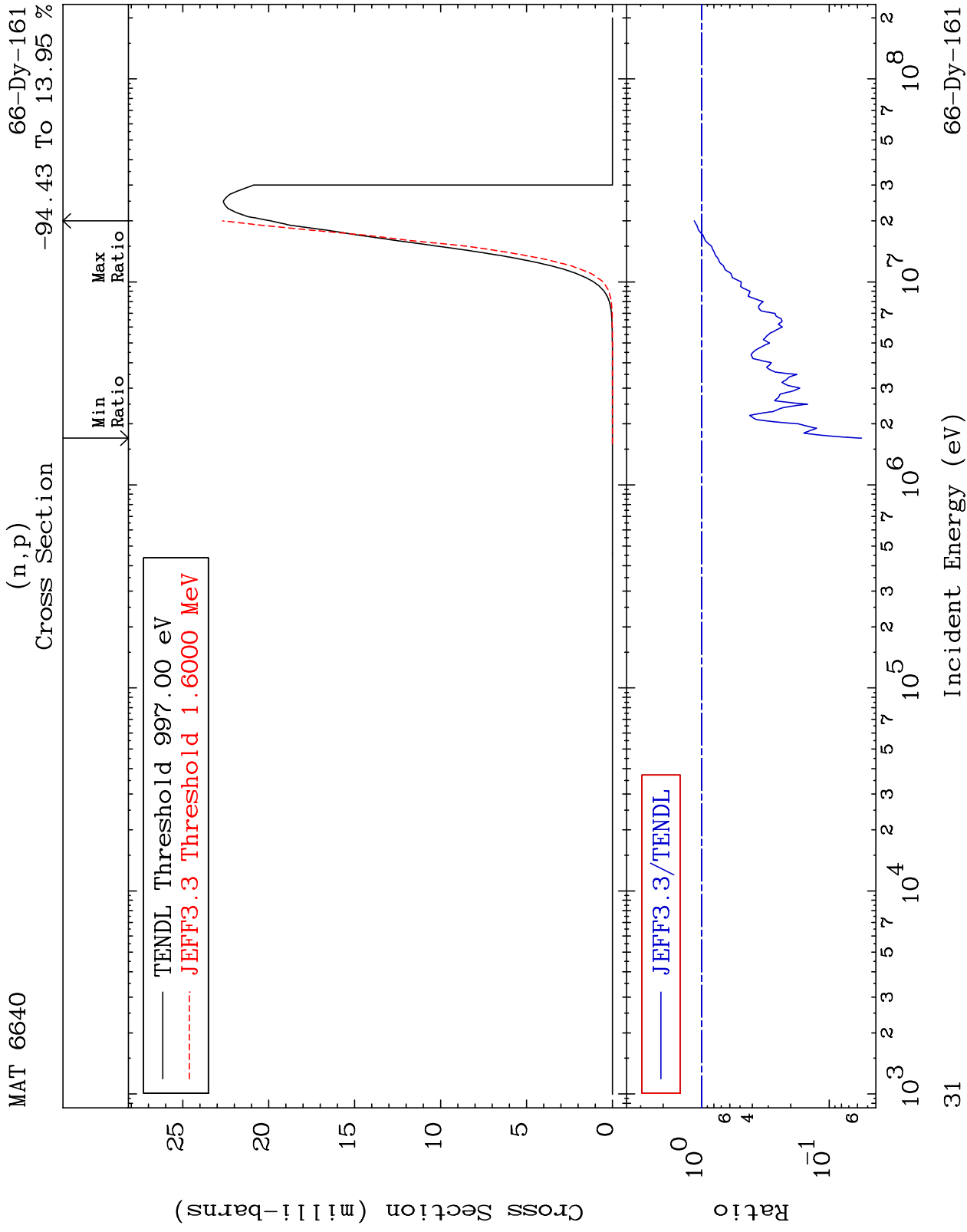
MAT 6640 MT= 69 (n,n') Level Cross Section 66-Dy-161
 -100.0 To -40.73%

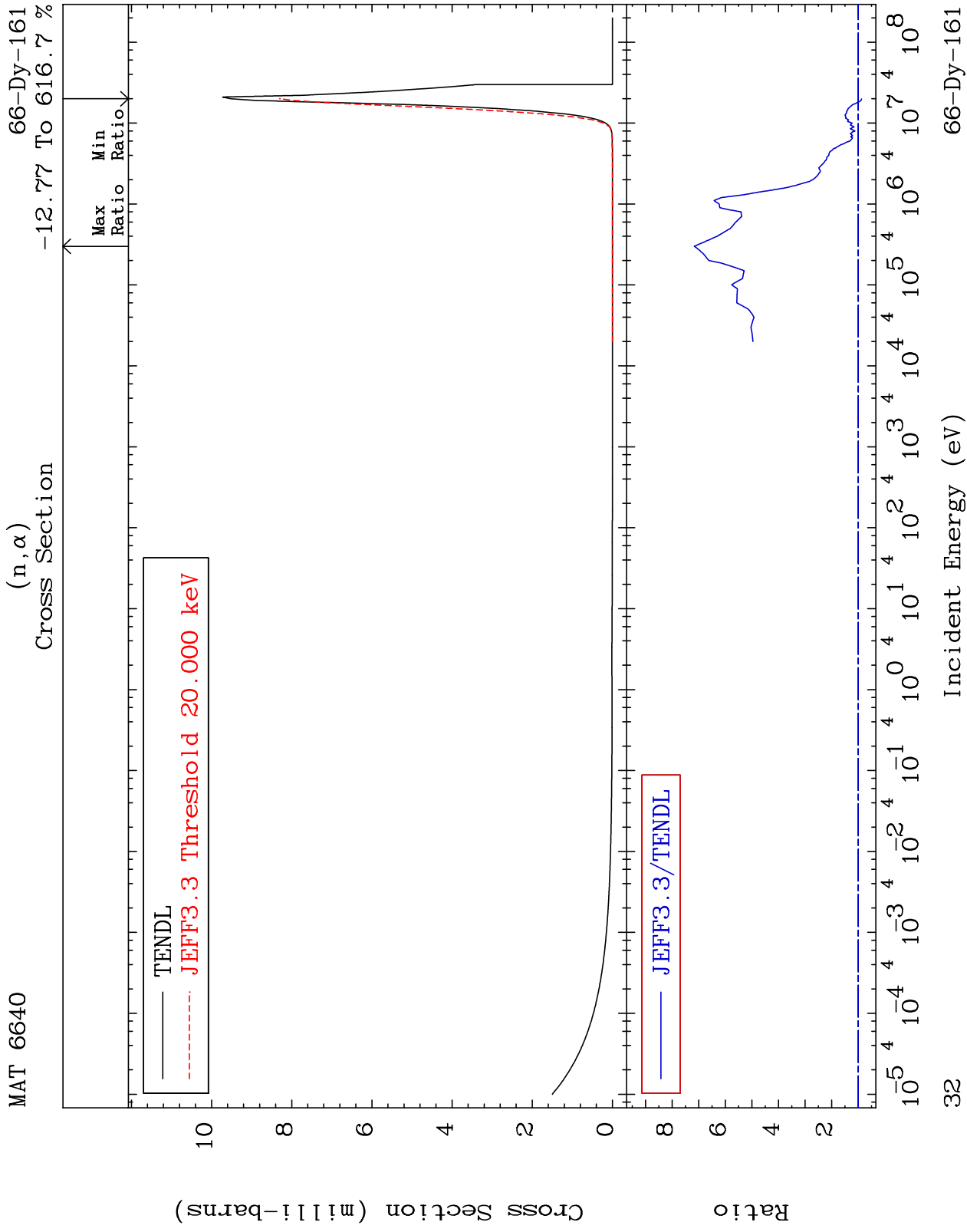


MAT 6640 (n,n') Continuum Cross Section 66-Dy-161 -60.55 To 7977. %





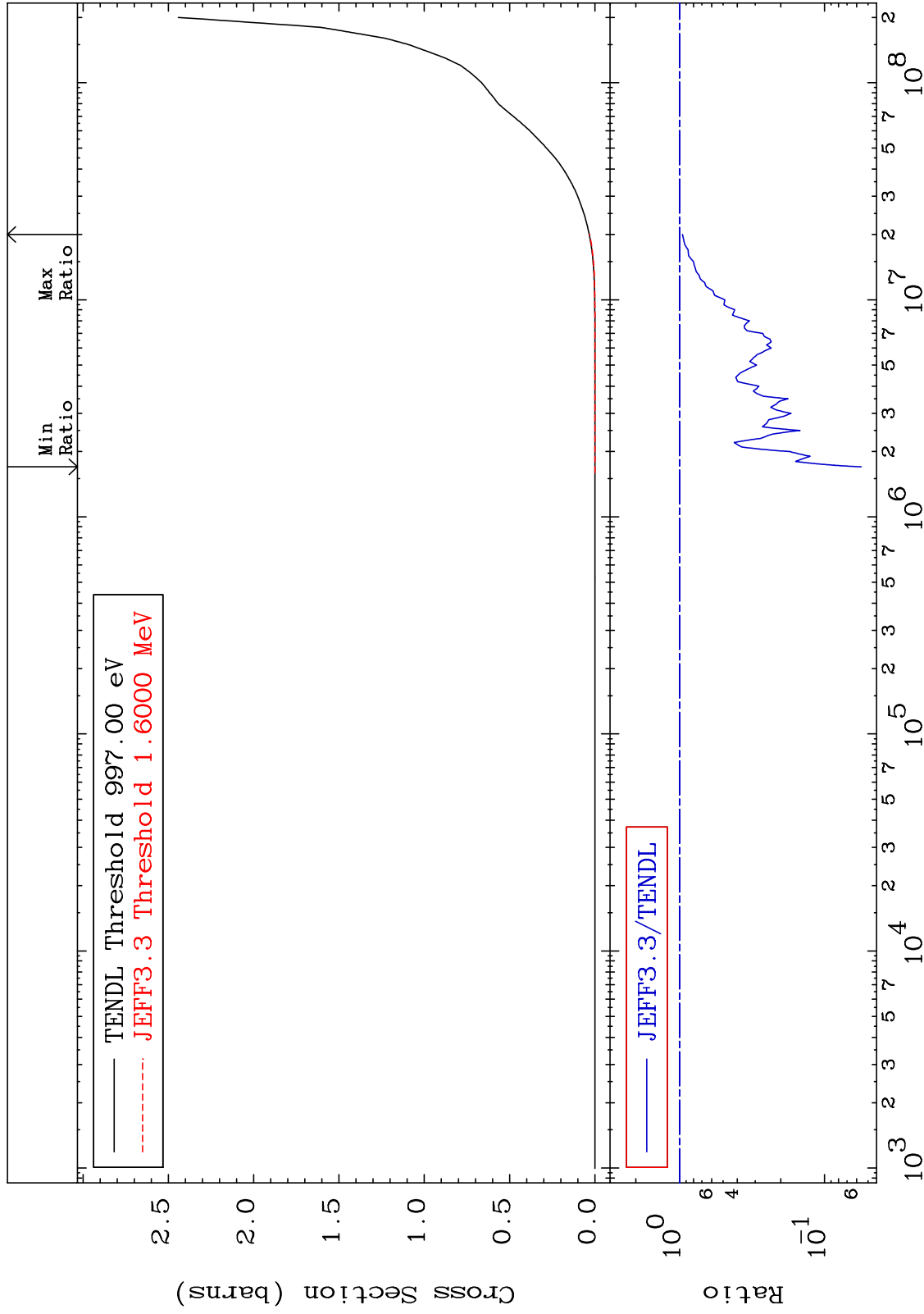




MAT 6640

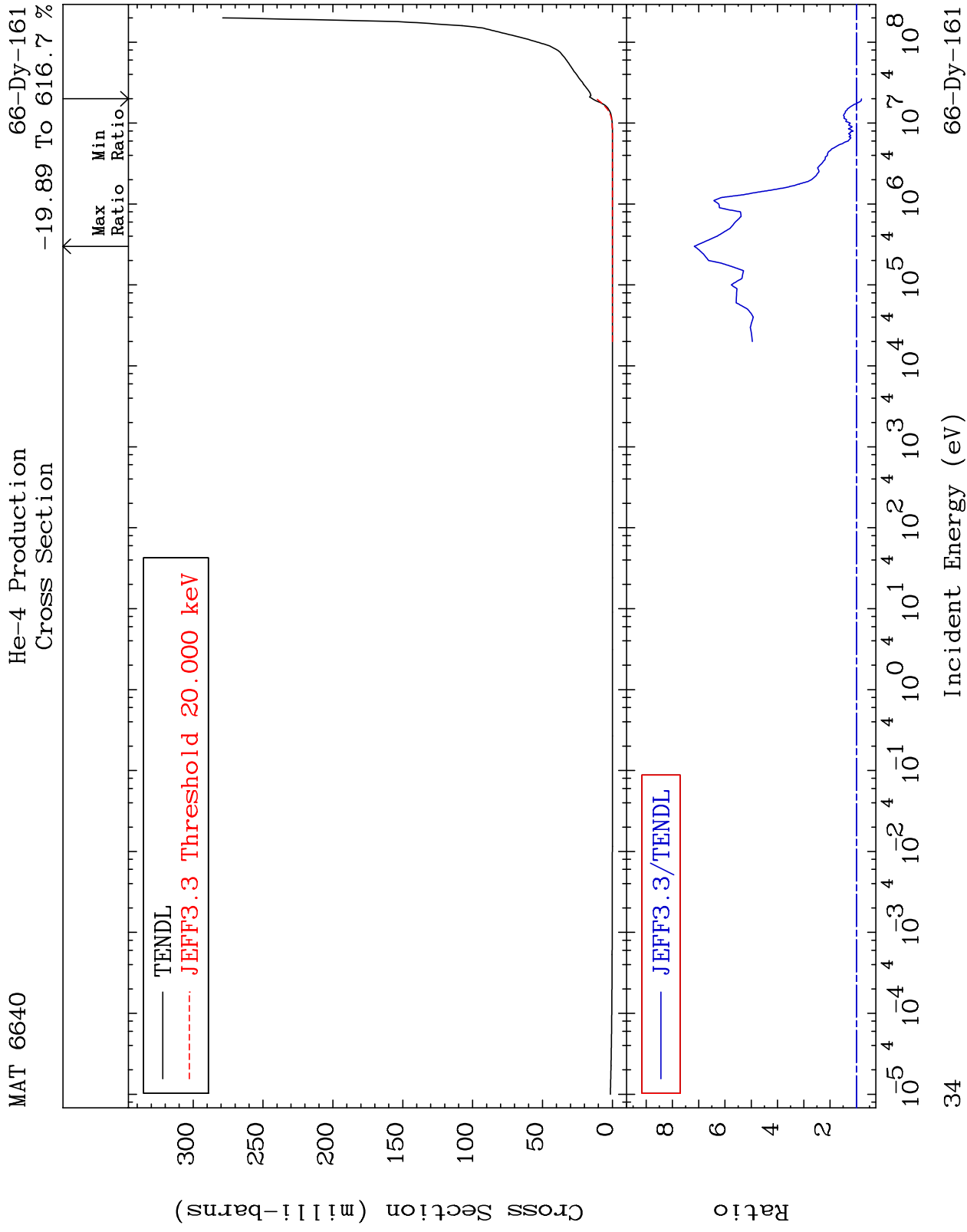
Hydrogen Production
Cross Section

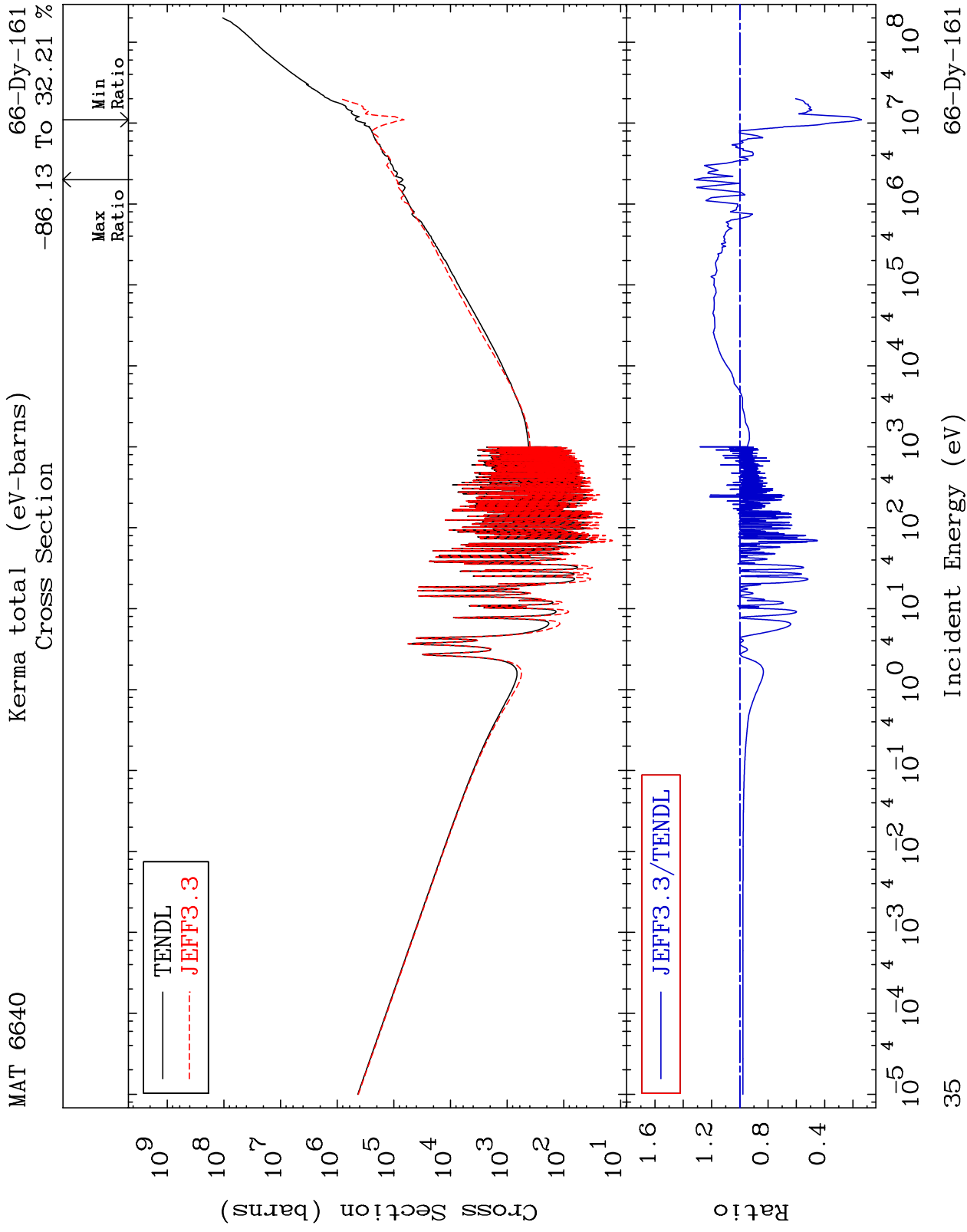
66-Dy-161
-94.43 To -4.594%



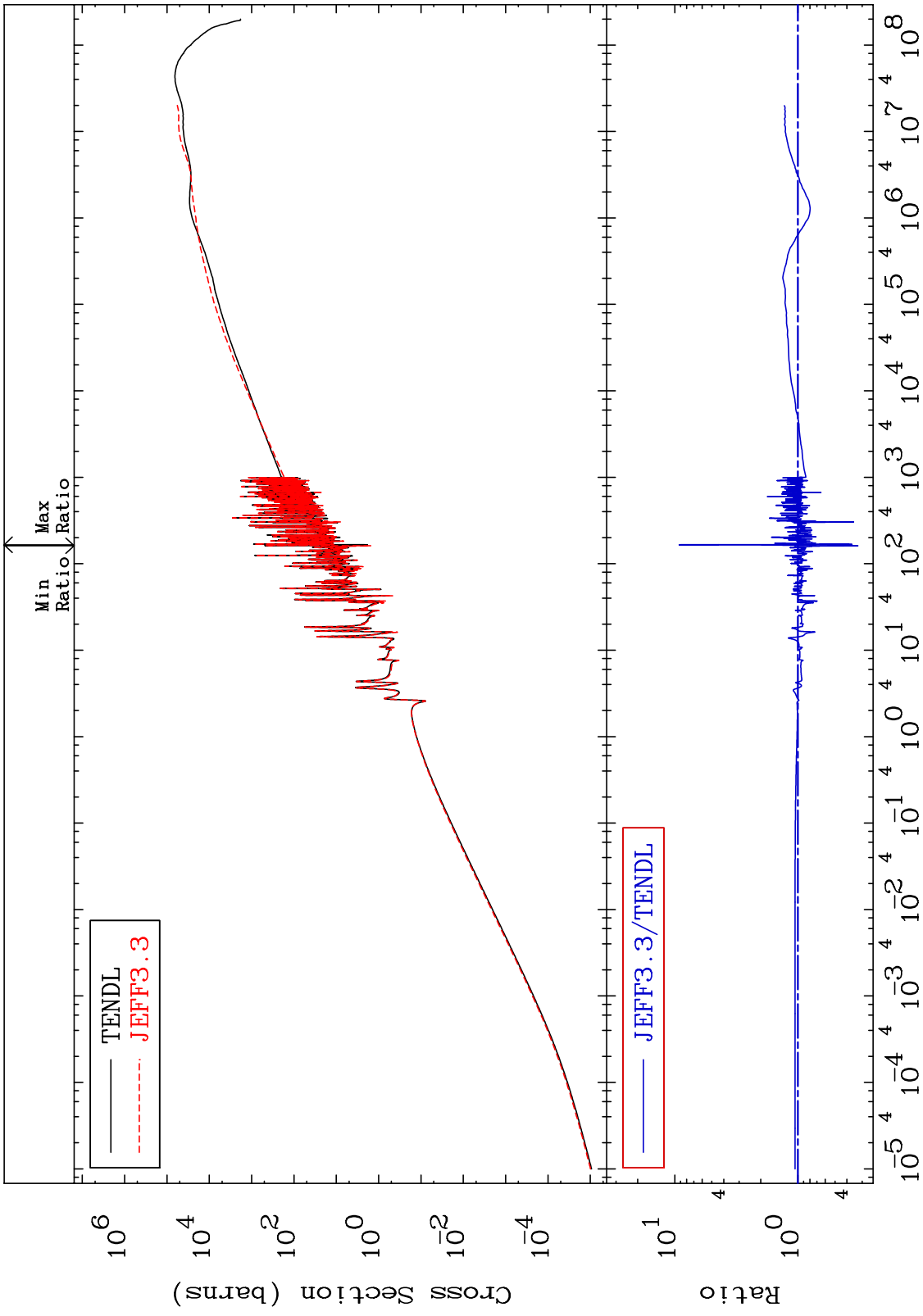
Incident Energy (eV)

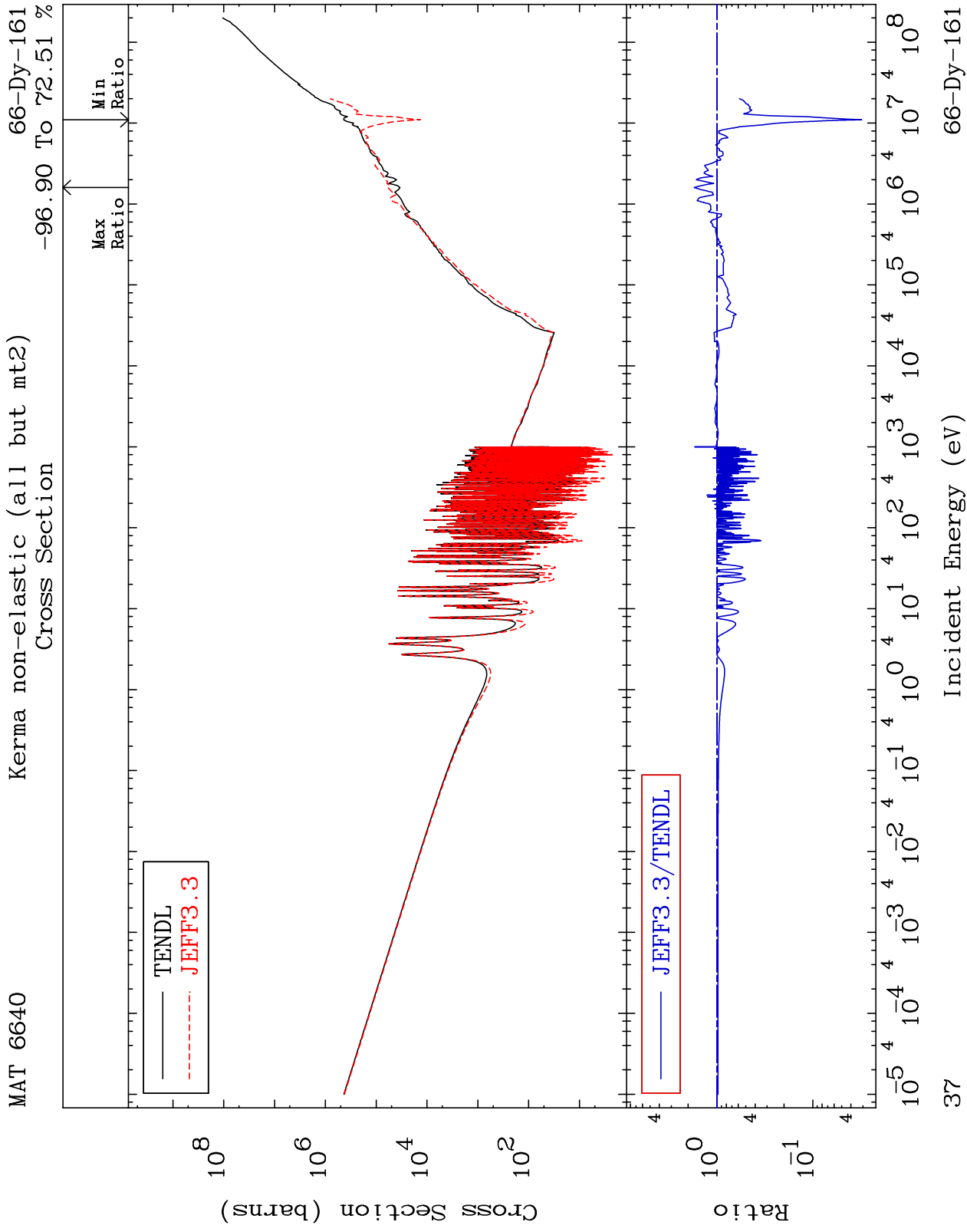
66-Dy-161



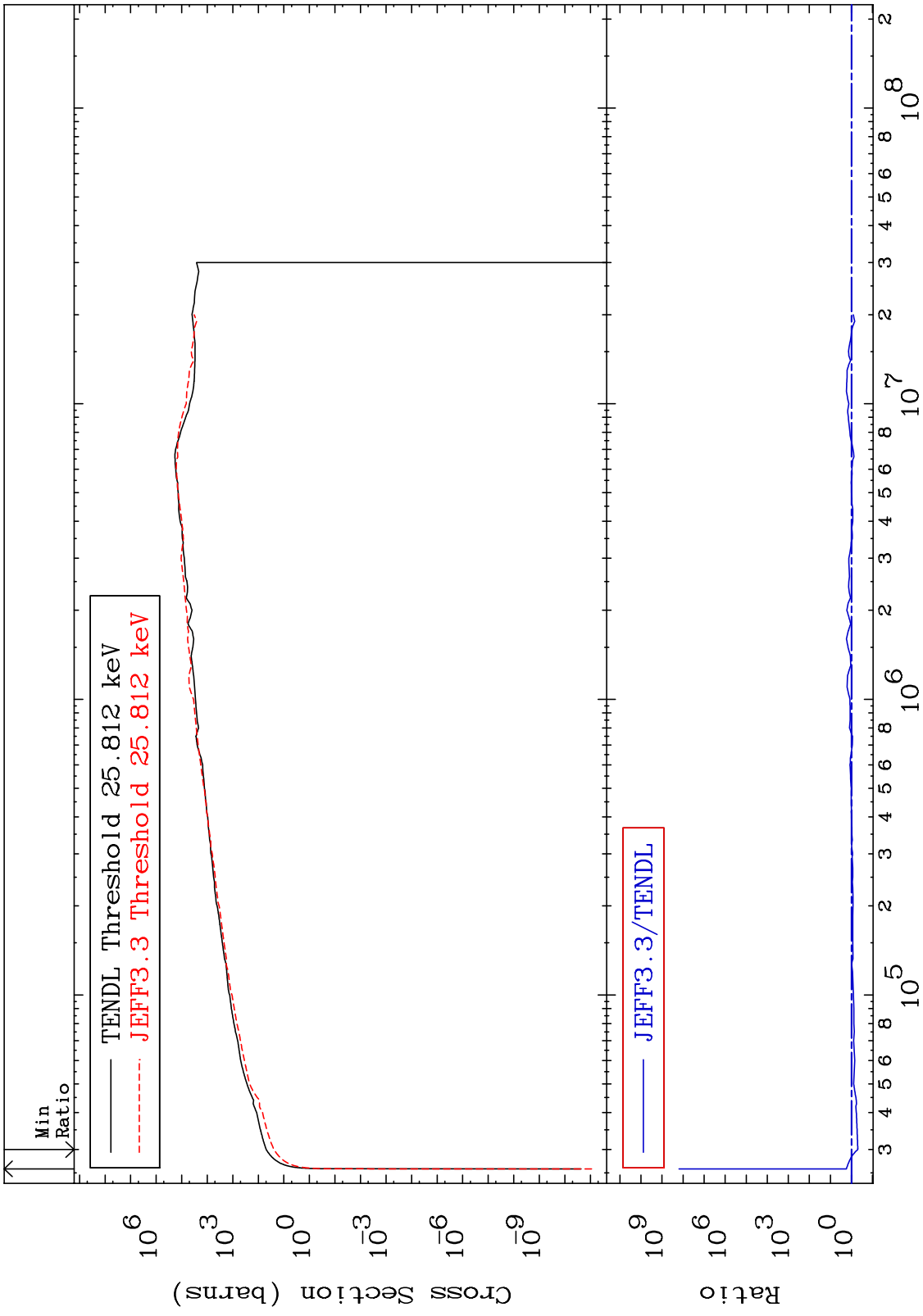


MAT 6640 66-Dy-161
-67.41 To 823.6 %
 Kerma elastic Cross Section





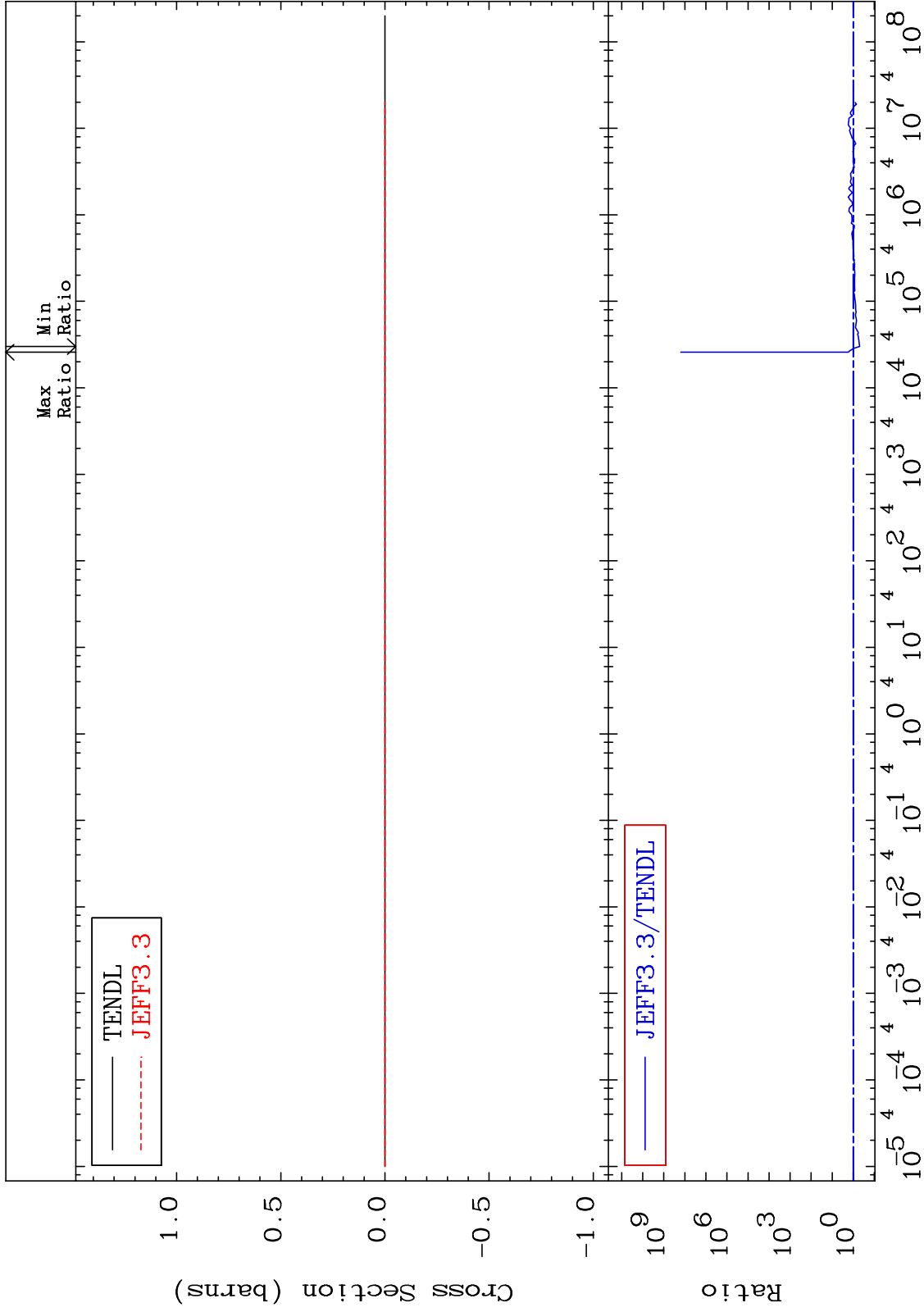
MAT 6640 Kerma inelastic (mt51-91) 66-Dy-161
 Cross Section -50.19 To 9999. %



MAT 6640

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

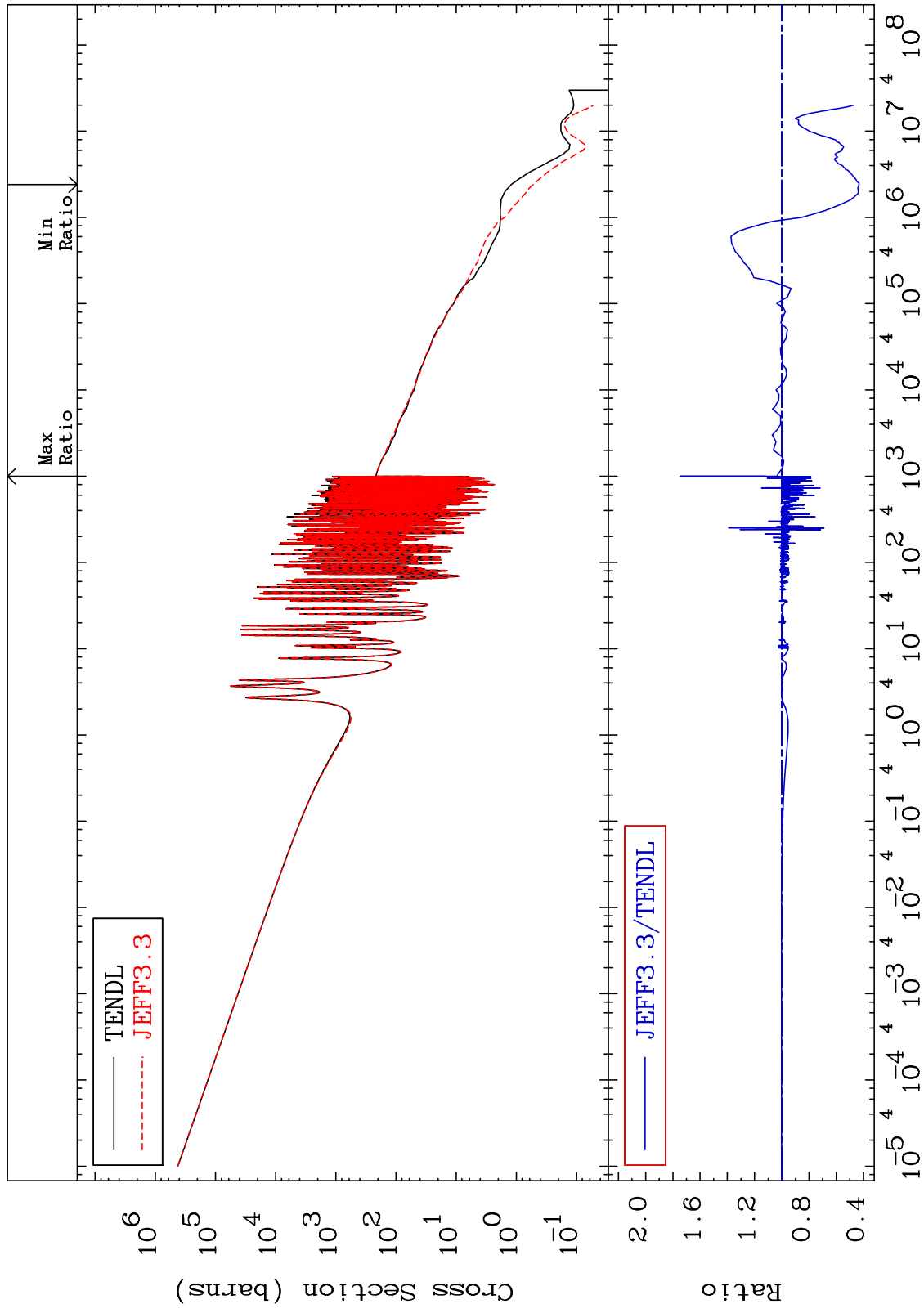
66-Dy-161
-50.19 To 9999. %



MAT 6640

Kerma capture (mt102)
Cross Section

66-Dy-161
-56.70 To 74.28 %

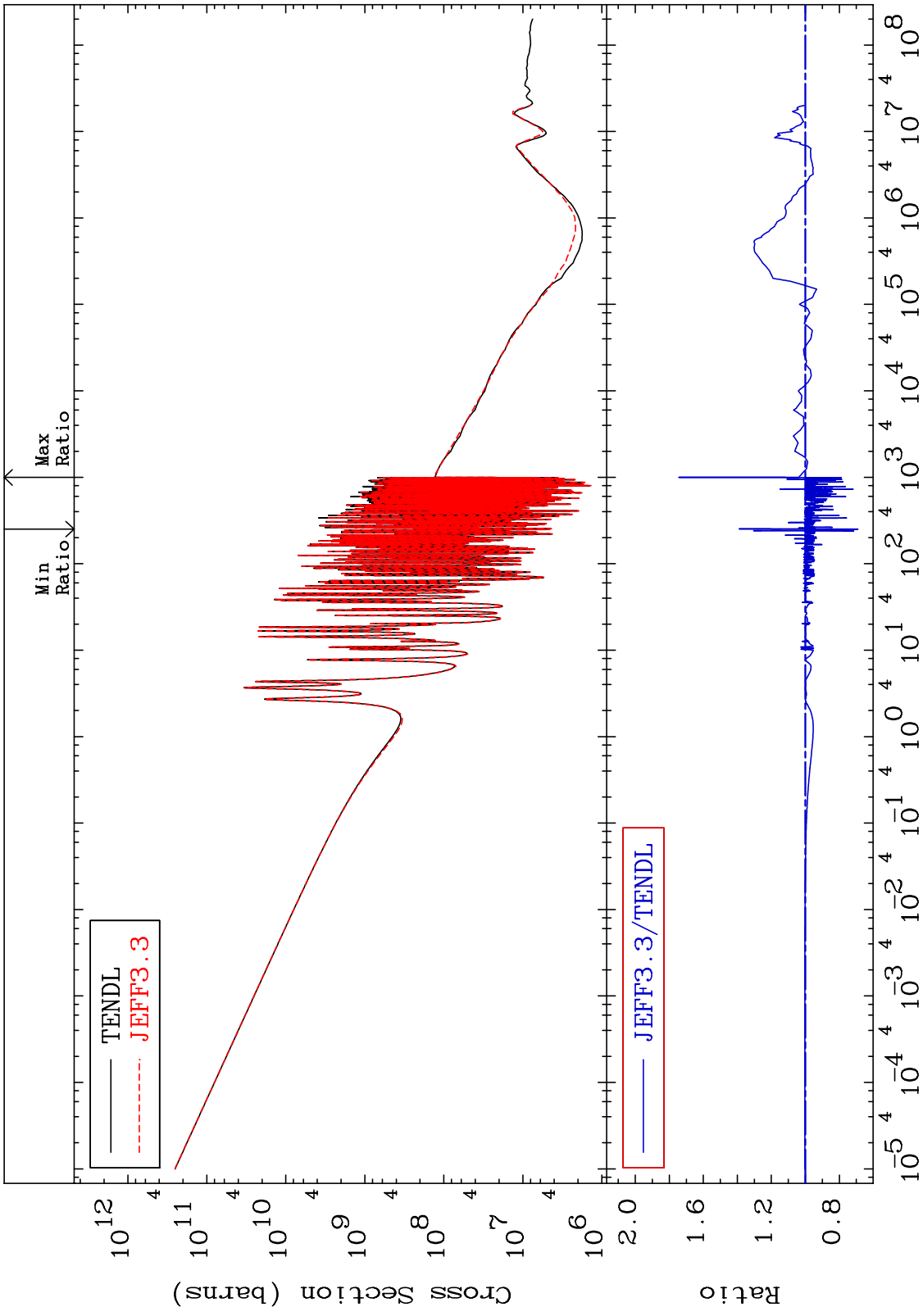


40

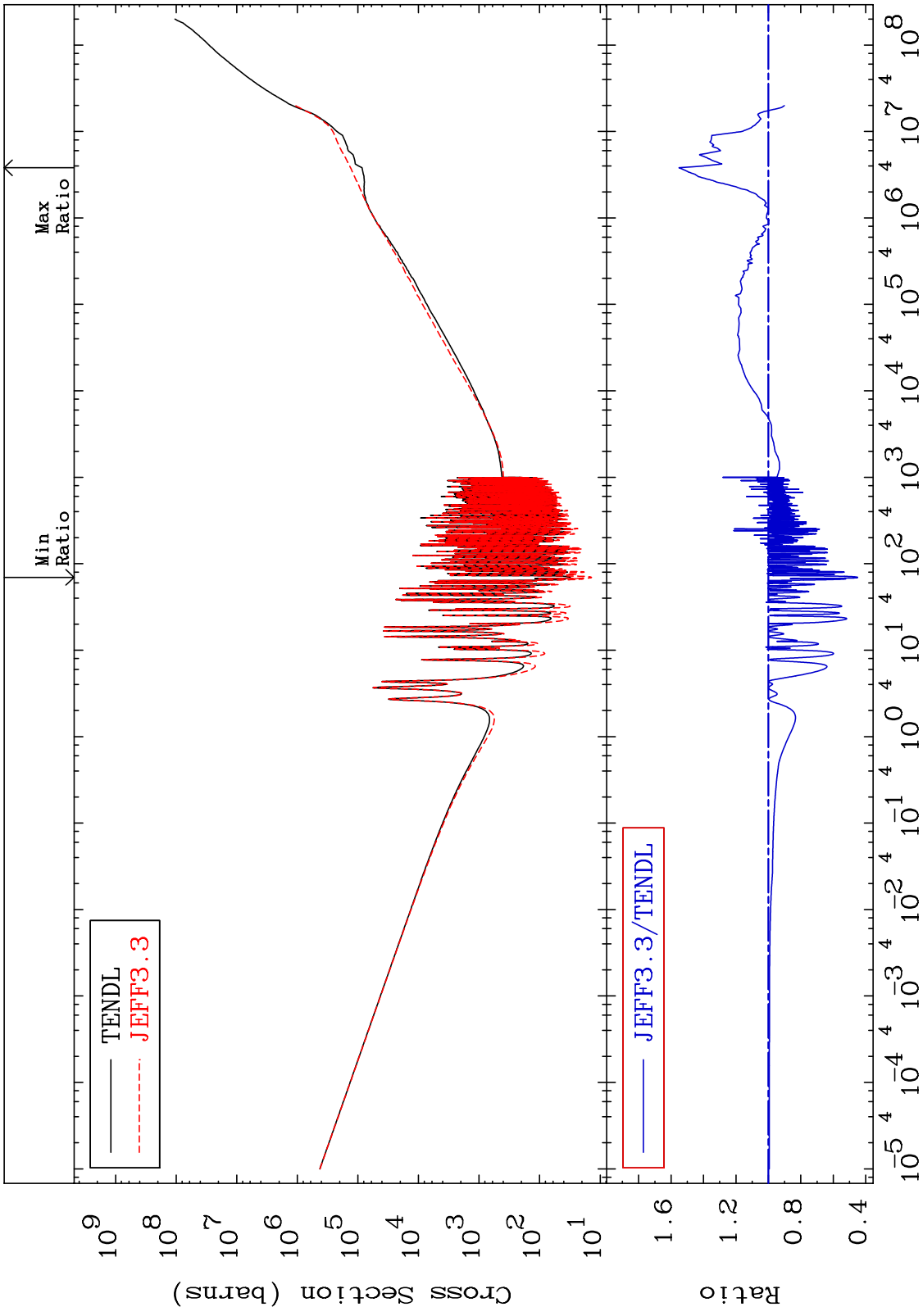
Incident Energy (eV)

66-Dy-161

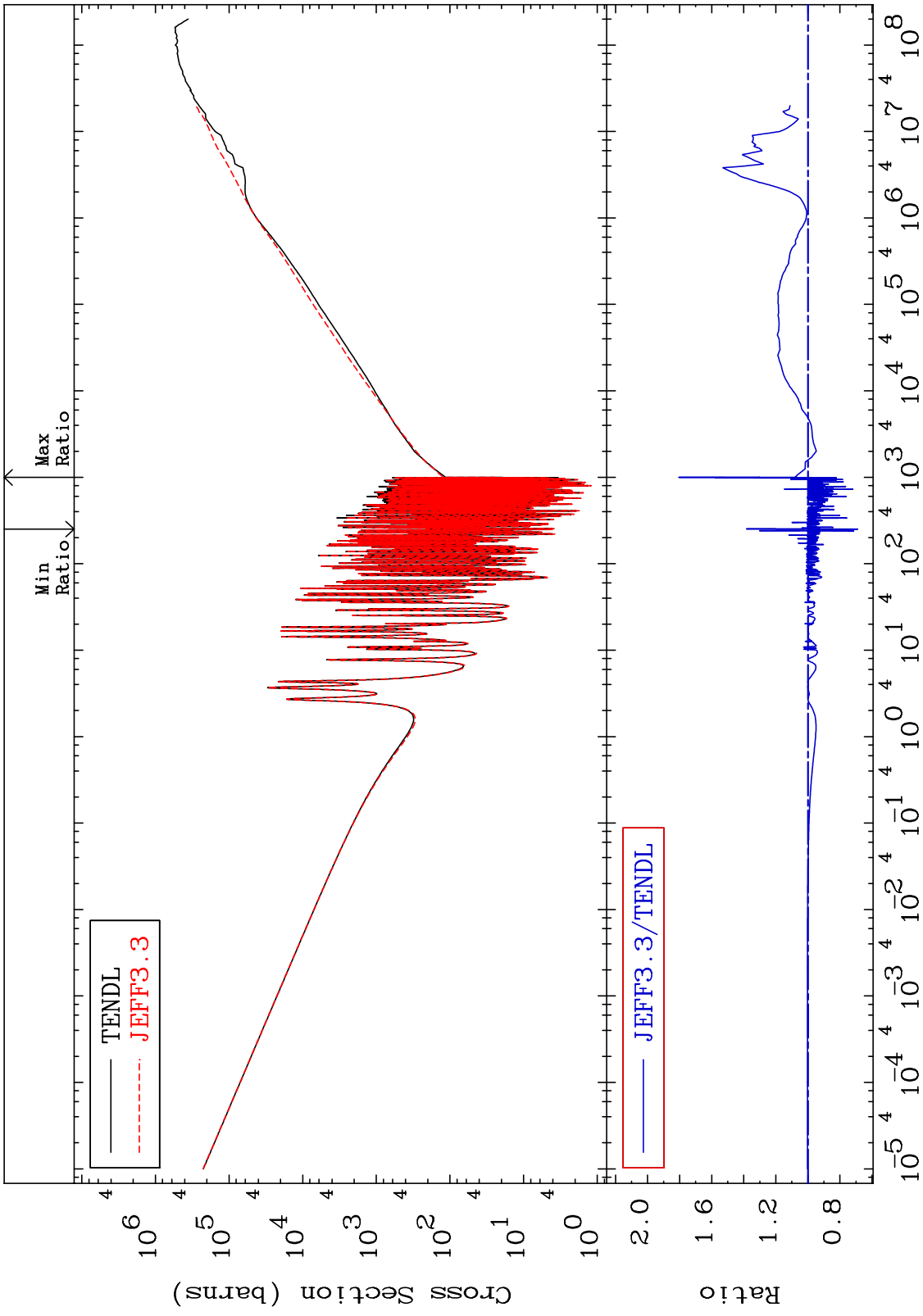
MAT 6640 66-Dy-161
 Total photon (eV-barns) -30.89 To 74.27 %
 Cross Section



MAT 6640 Total kinematic kerma (high limit) 66-Dy-161
Cross Section -55.15 To 55.09 %



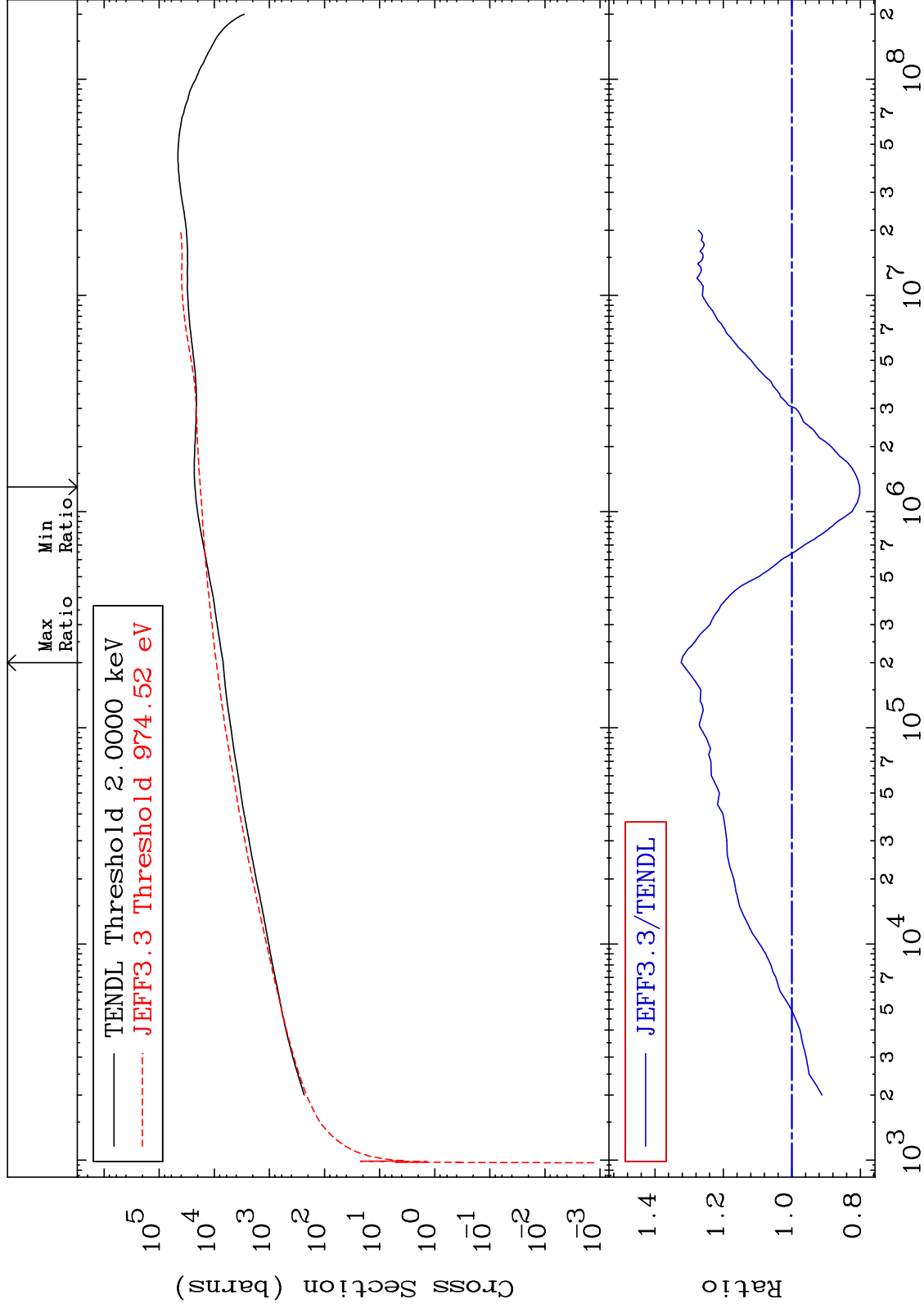
MAT 6640 Dpa total (eV-barns) 66-Dy-161
 Cross Section -31.18 To 80.37 %



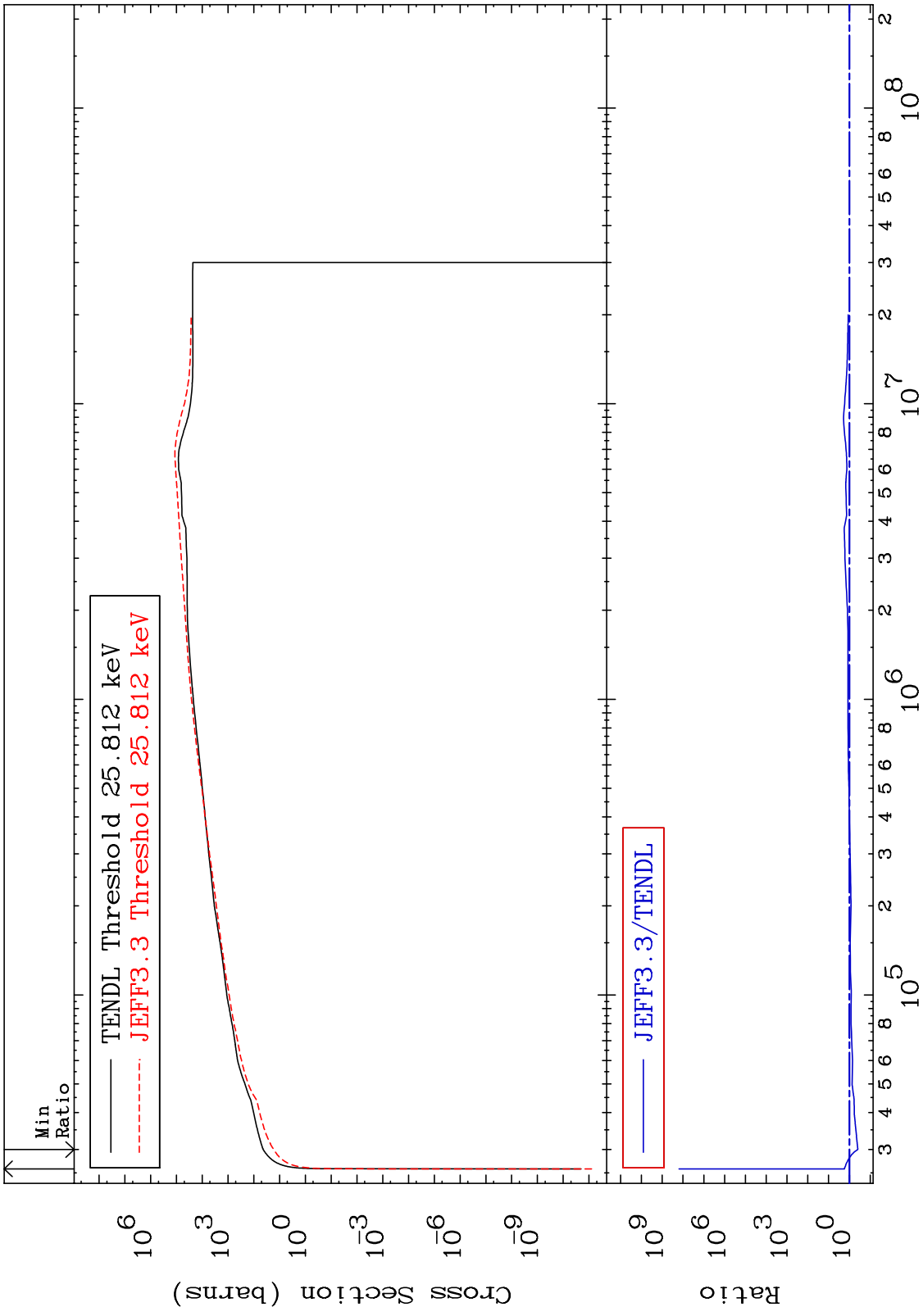
MAT 6640

Dpa elastic (mt2)
Cross Section

66-Dy-161
-19.85 To 32.30 %



MAT 6640 Dpa inelastic (mt51-91) 66-Dy-161
 Cross Section -60.75 To 9999. %



MAT 6640 Dpa disappearance (mt102 -120) 66-Dy-161
 Cross Section -50.50 To 74.13 %

