

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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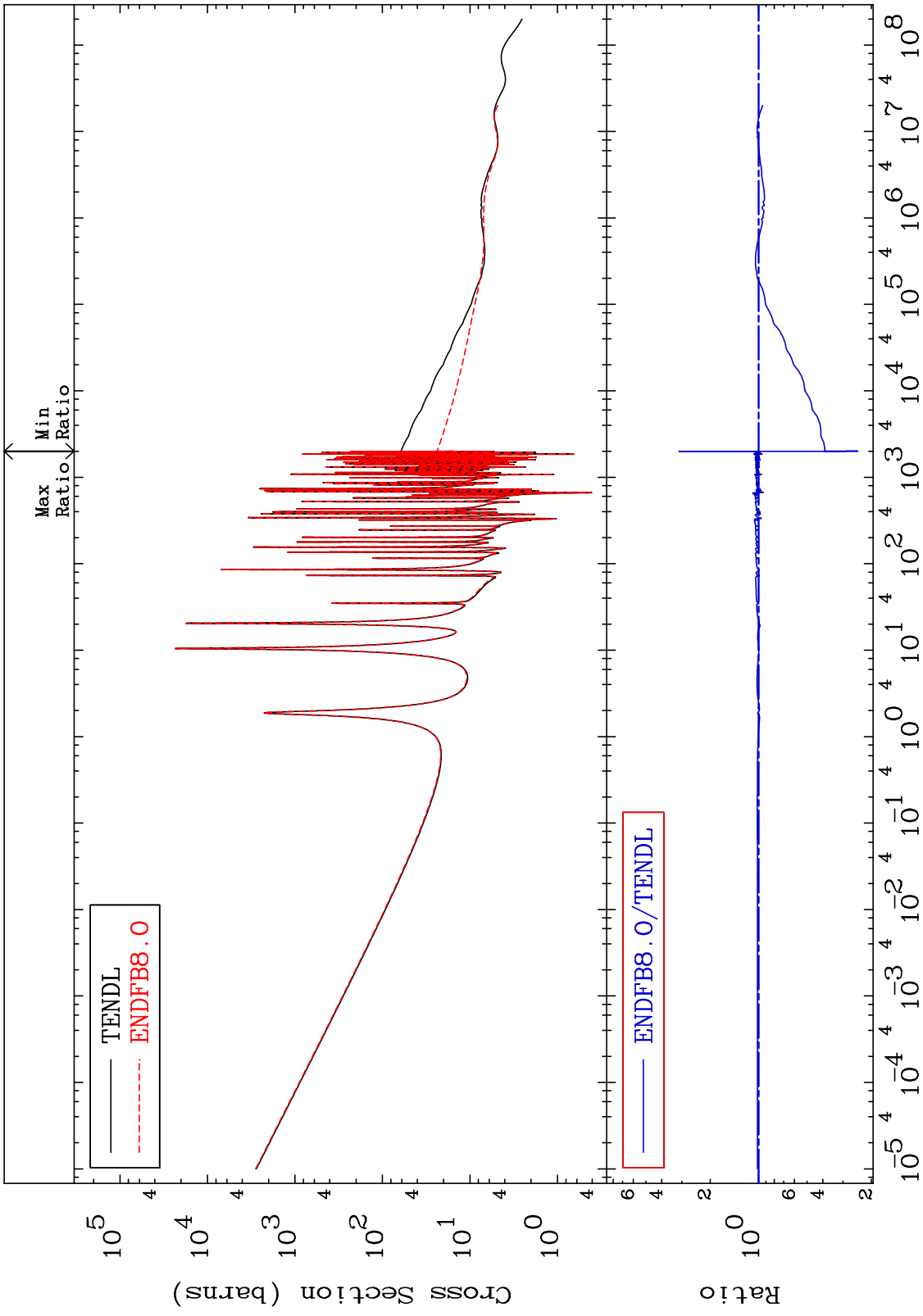
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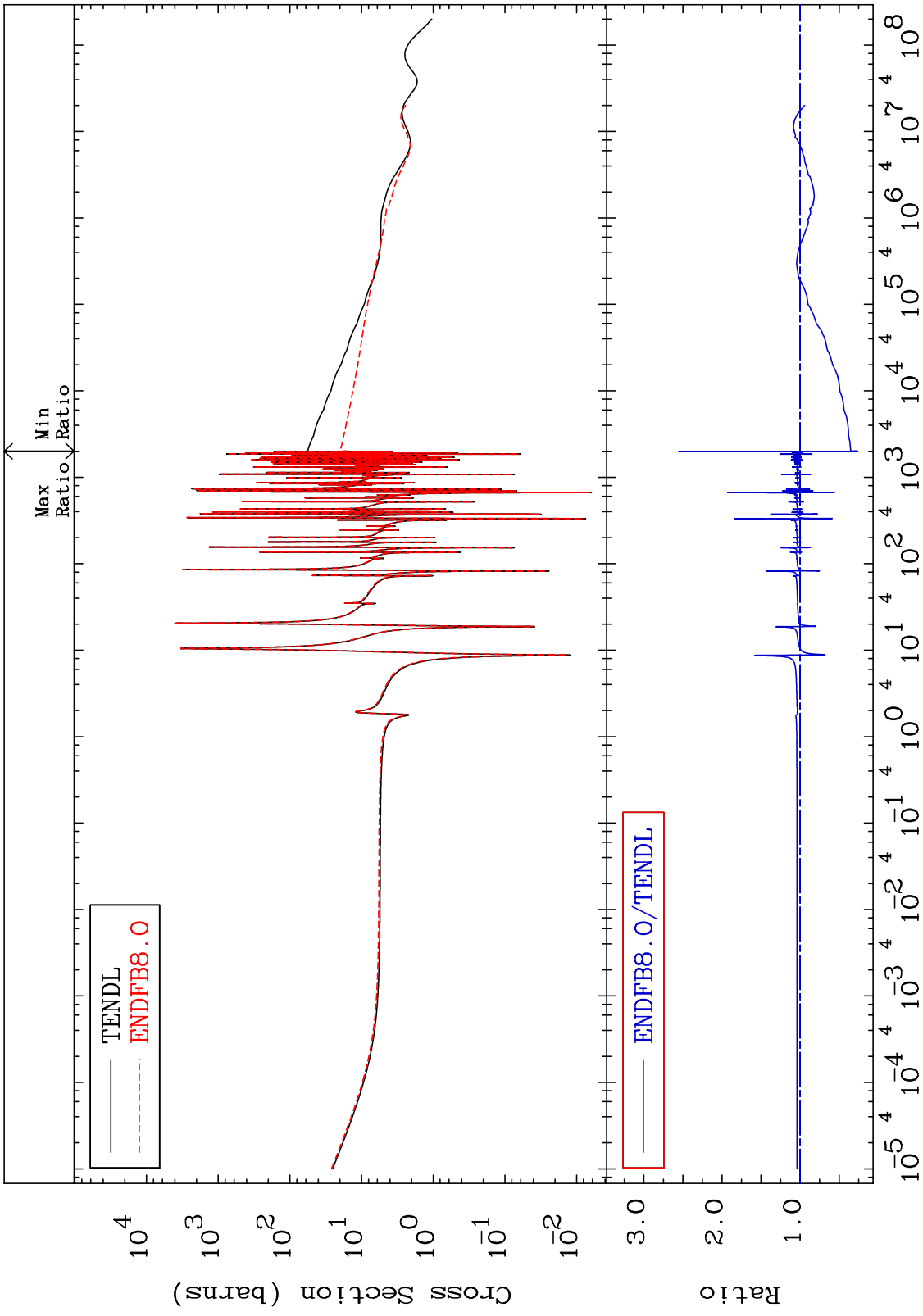
Press Mouse Button to Start

MAT 6637 Total Cross Section 66-Dy-160 -75.77 To 212.0 %

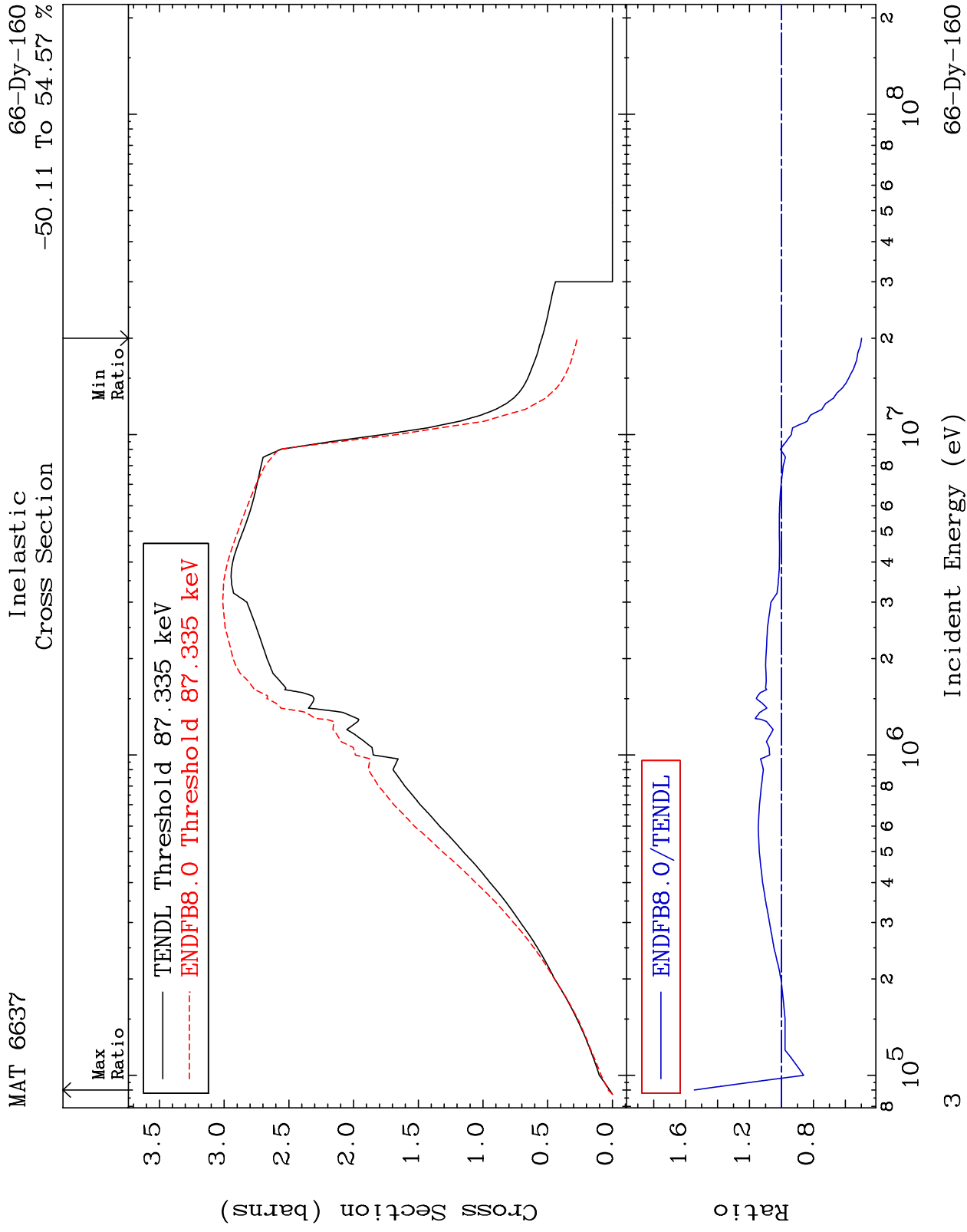


1 Incident Energy (eV) 66-Dy-160

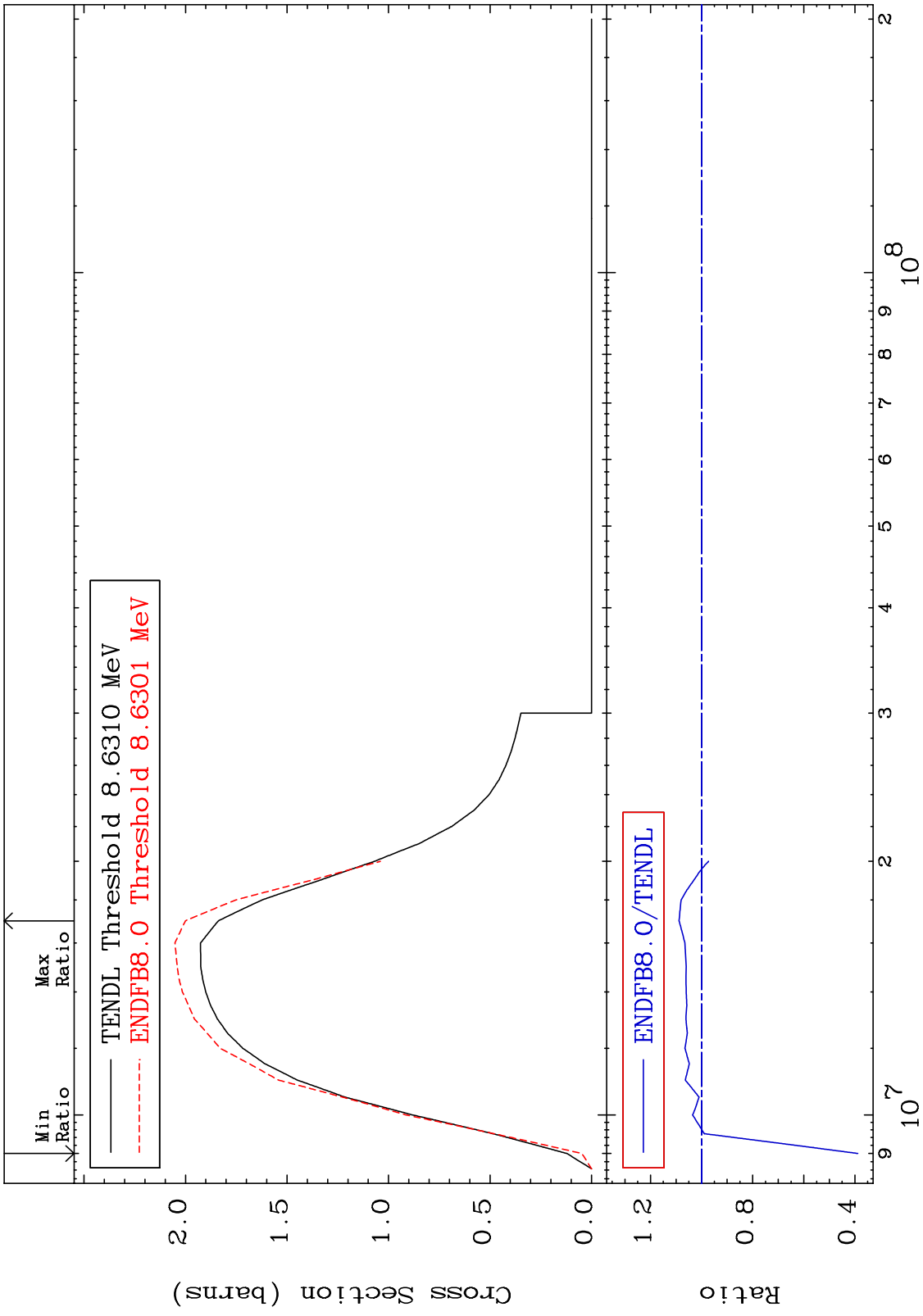
MAT 6637 Elastic Cross Section 66-Dy-160 -73.92 To 155.0 %



2 Incident Energy (eV) 66-Dy-160



MAT 6637 $(n,2n)$ Cross Section $^{66}\text{Dy}-160$
 -61.14 To 8.820 %



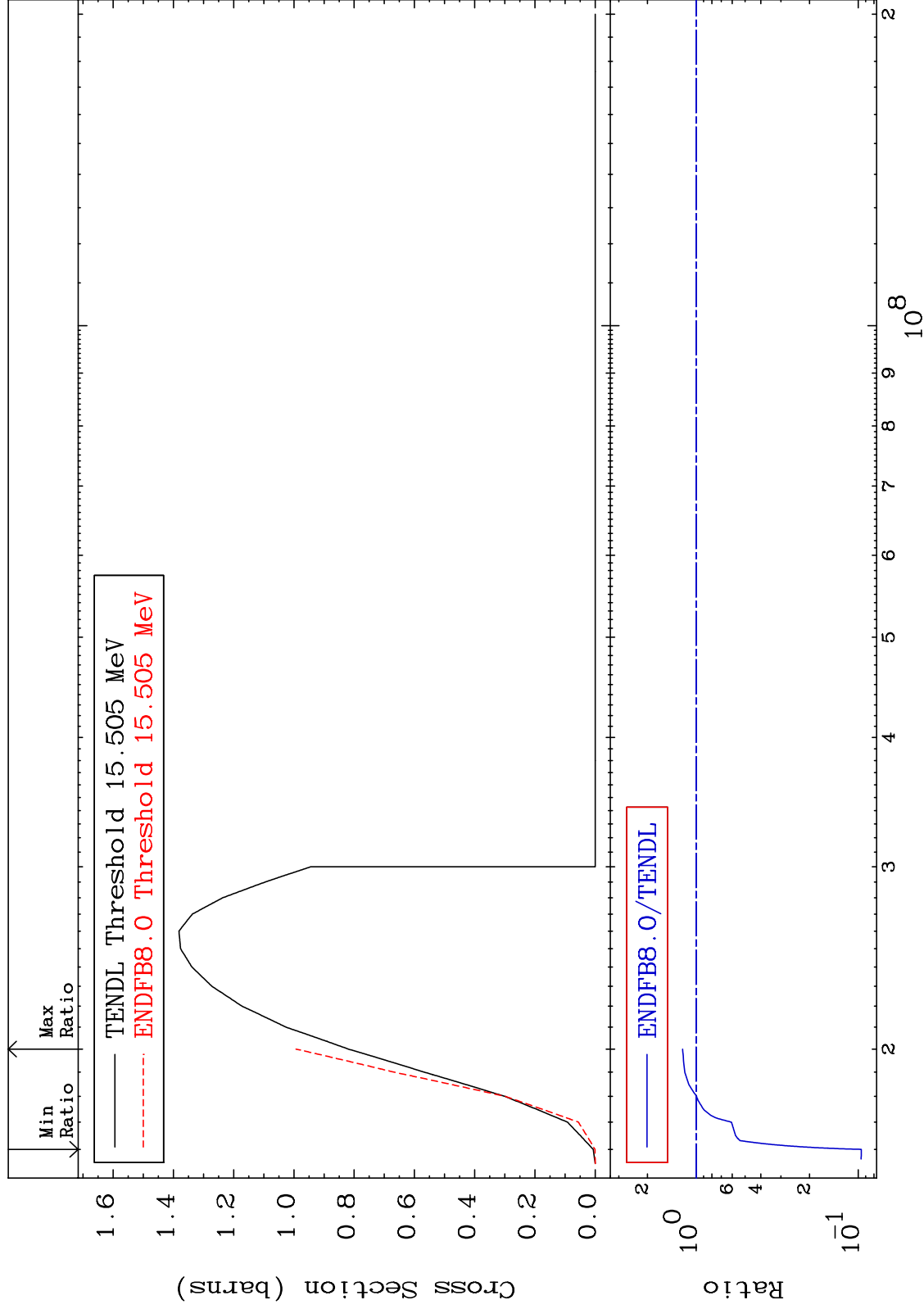
MAT 6637

(n,3n)

66-Dy-160

Cross Section

-90.42 To 21.21 %



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Incident Energy (eV)

66-Dy-160

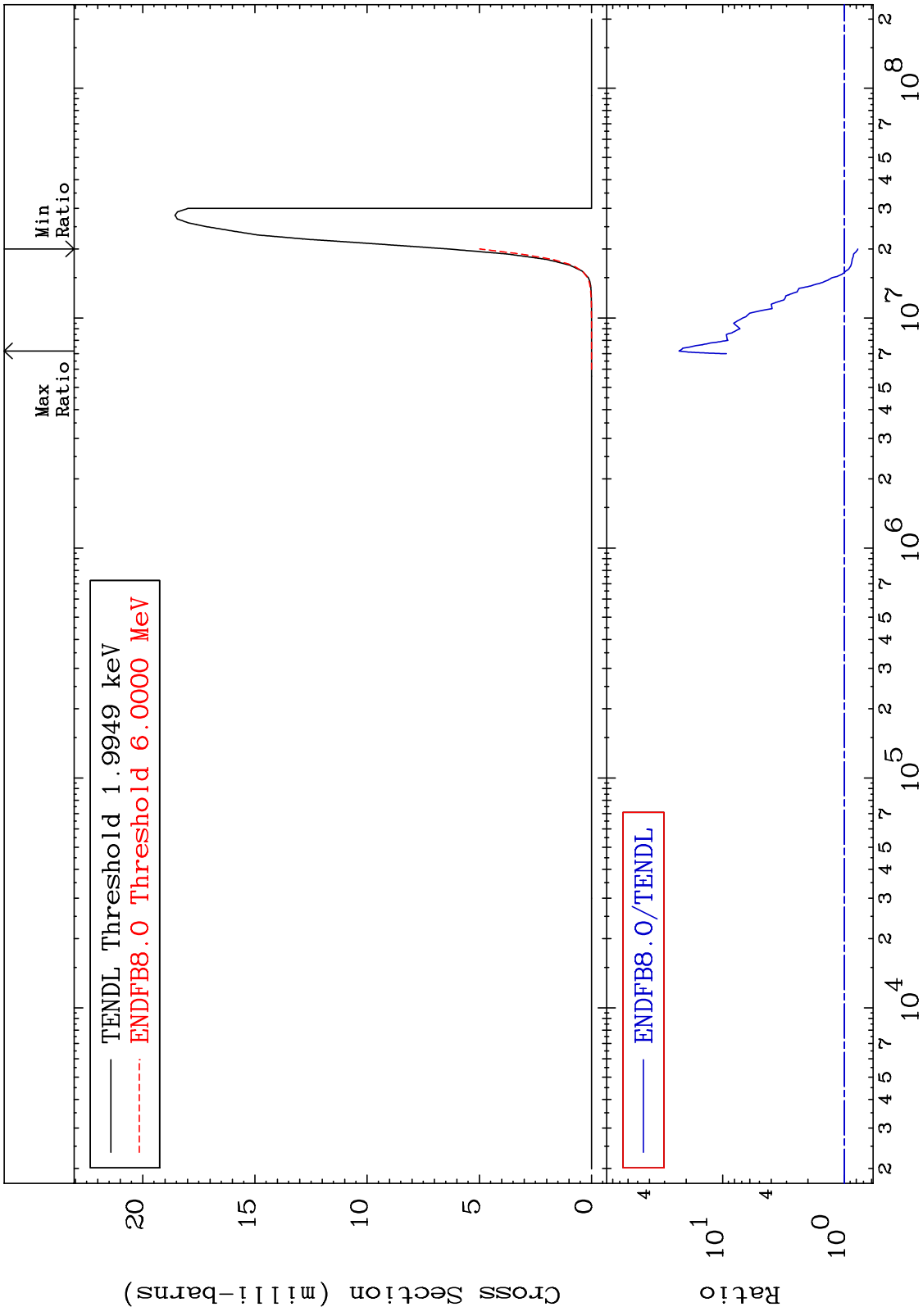
MAT 6637

(n, n') α

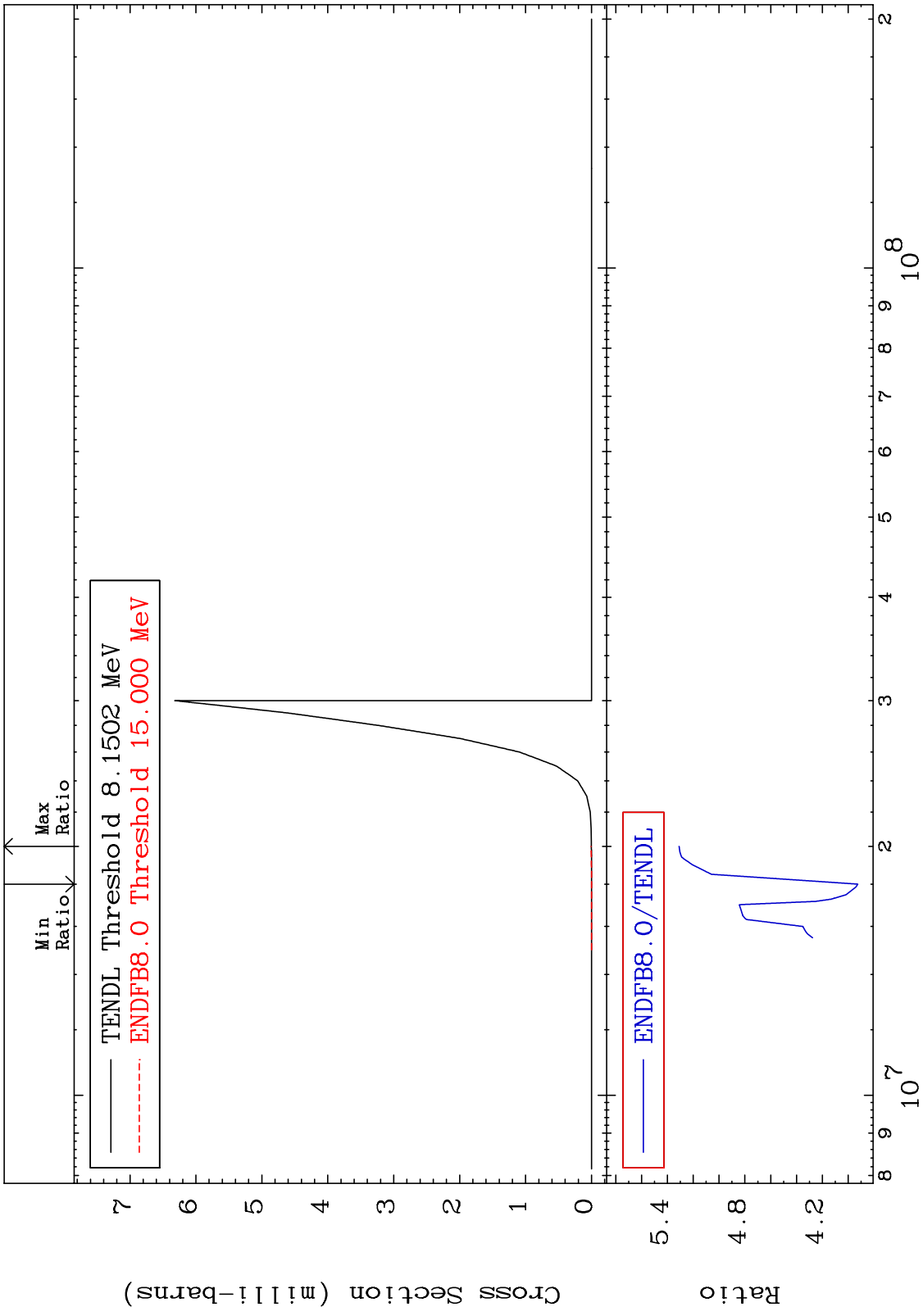
66-Dy-160

Cross Section

-22.23 To 2185. %

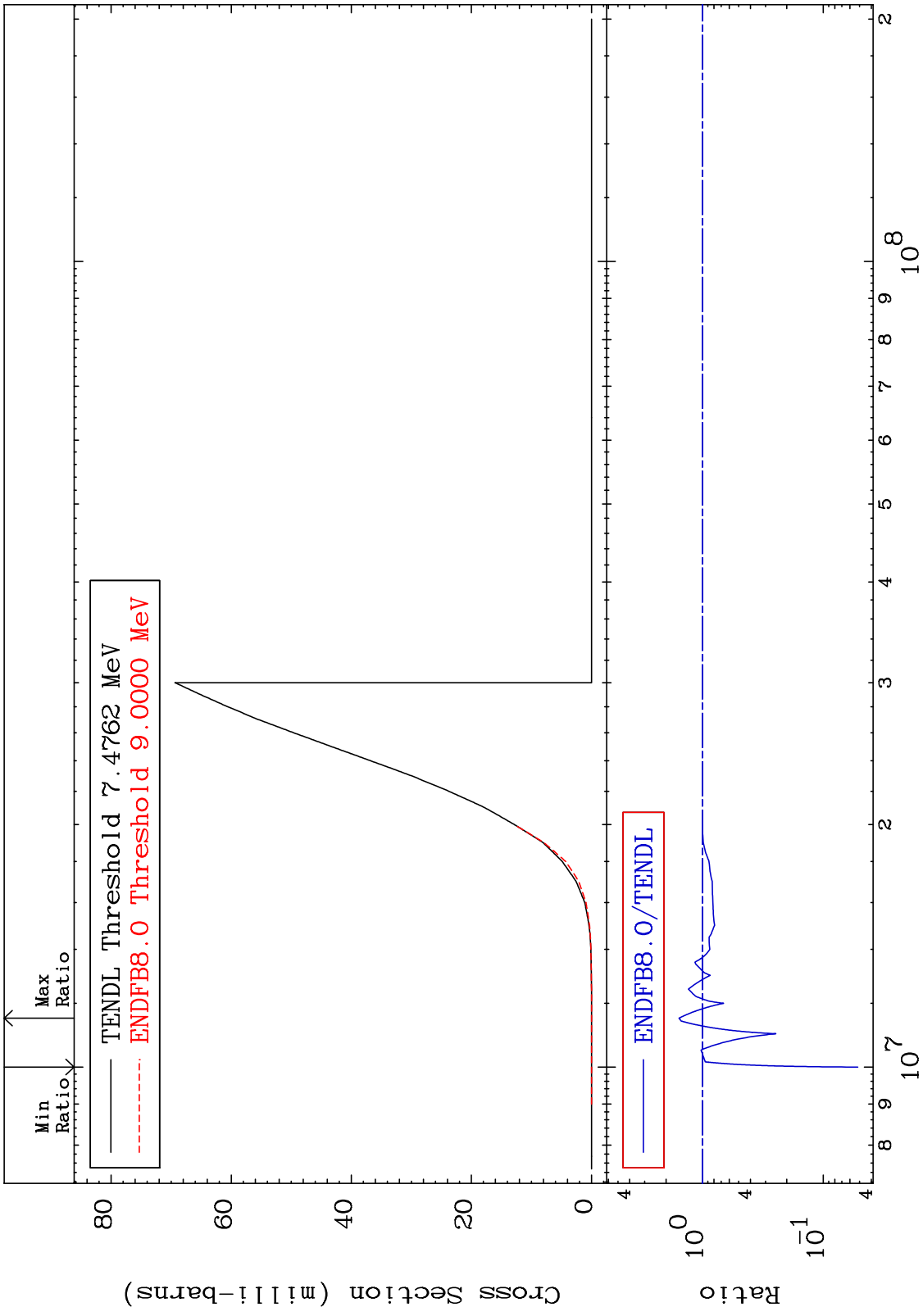


MAT 6637 $(n, 2n) \alpha$ 66-Dy-160
 Cross Section 292.5 To 431.0 %



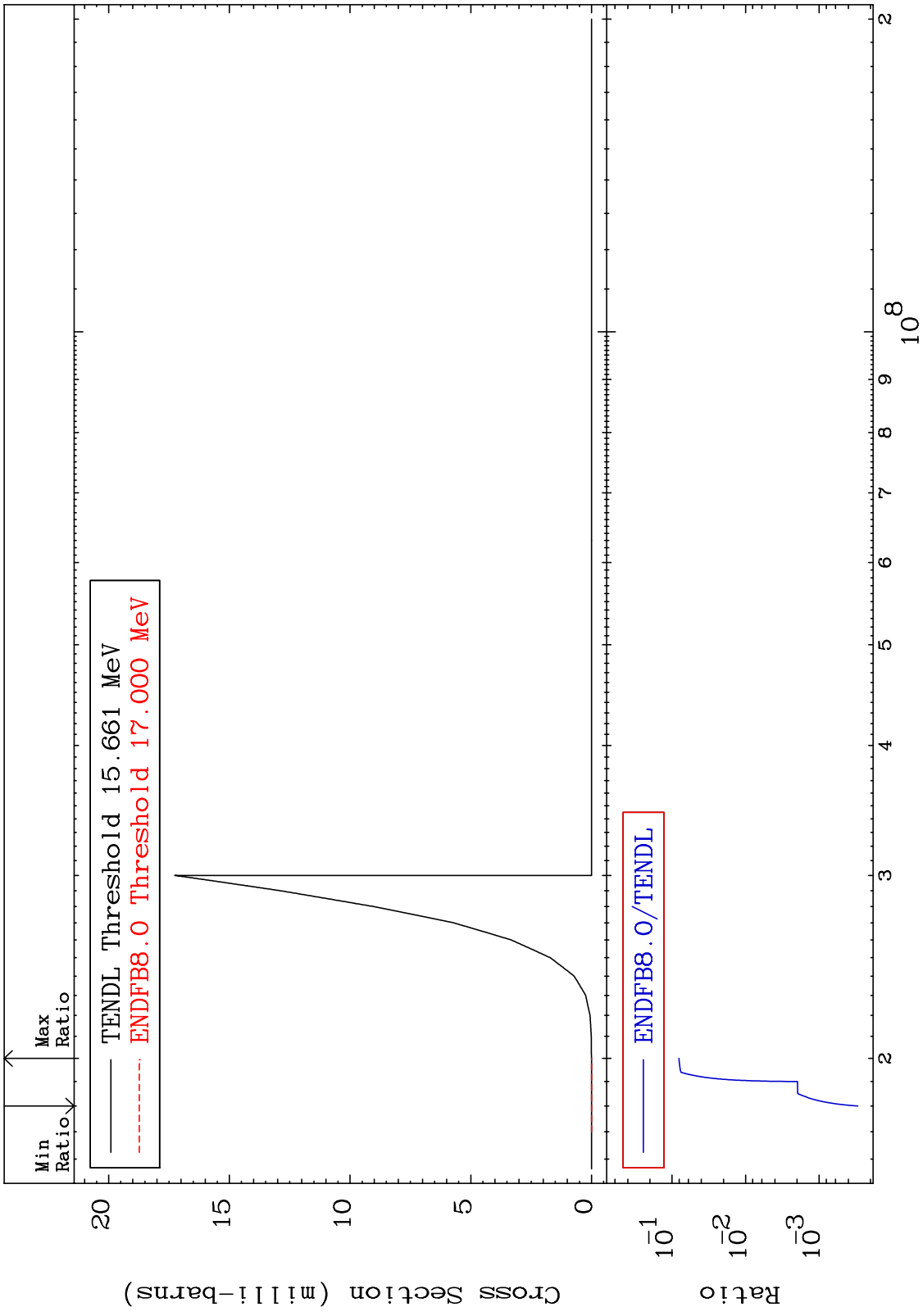
66-Dy-160 Incident Energy (eV) 66-Dy-160

MAT 6637 (n, n') p $^{66}\text{Dy}-160$
 Cross Section -94.83 To 55.89 %

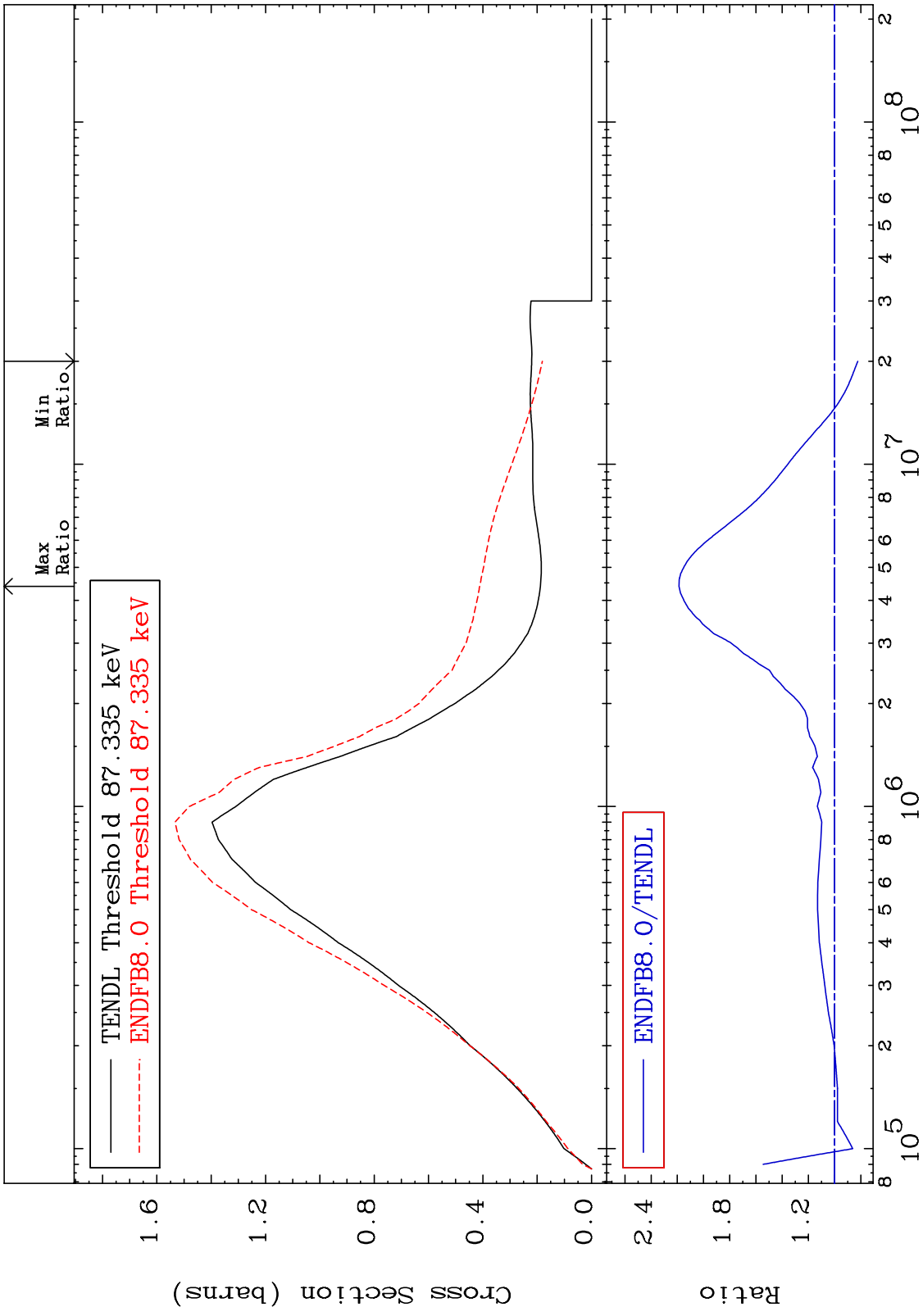


8 66-Dy-160

MAT 6637 (n,2n) p 66-Dy-160
 Cross Section -99.97 To -91.96%

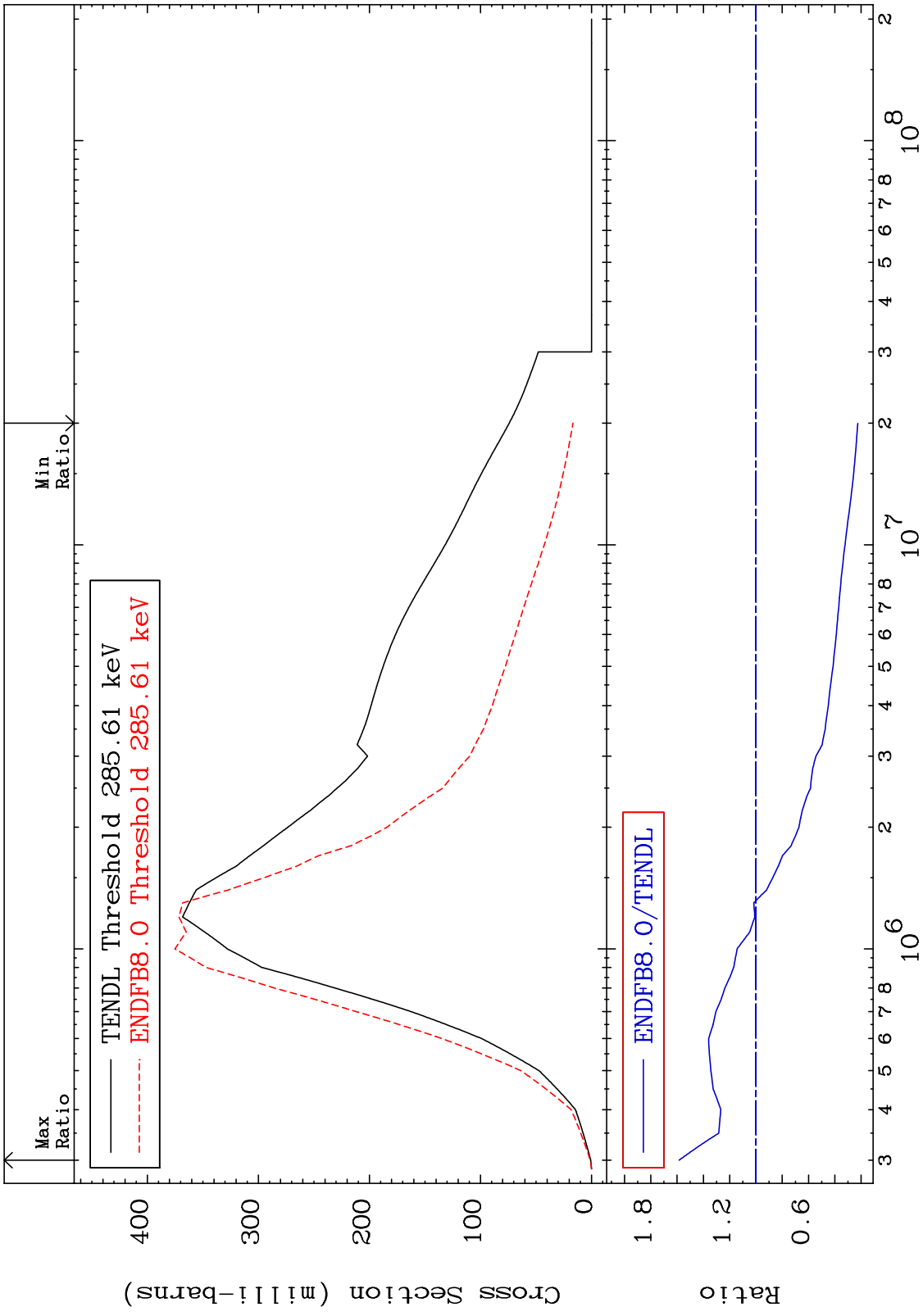


MAT 6637 MT= 51 (n,n') Level 66-Dy-160
 Cross Section -17.77 To 118.7 %



Incident Energy (eV) 66-Dy-160

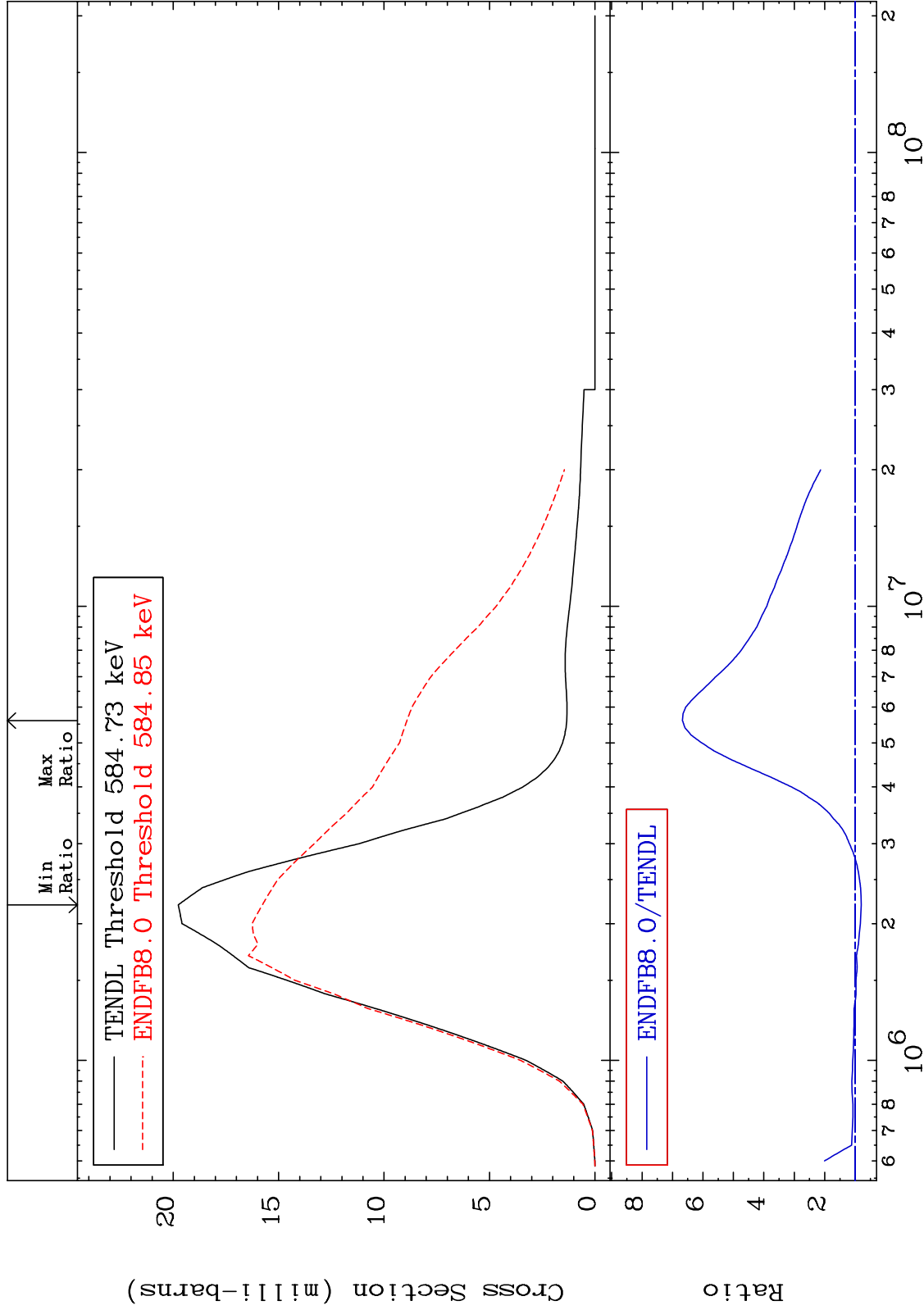
MAT 6637 MT= 52 (n,n') Level Cross Section 66-Dy-160
 -77.50 To 58.51 %



MAT 6637

MT= 53 (n,n') Level
Cross Section

66-Dy-160
-20.19 To 567.4 %

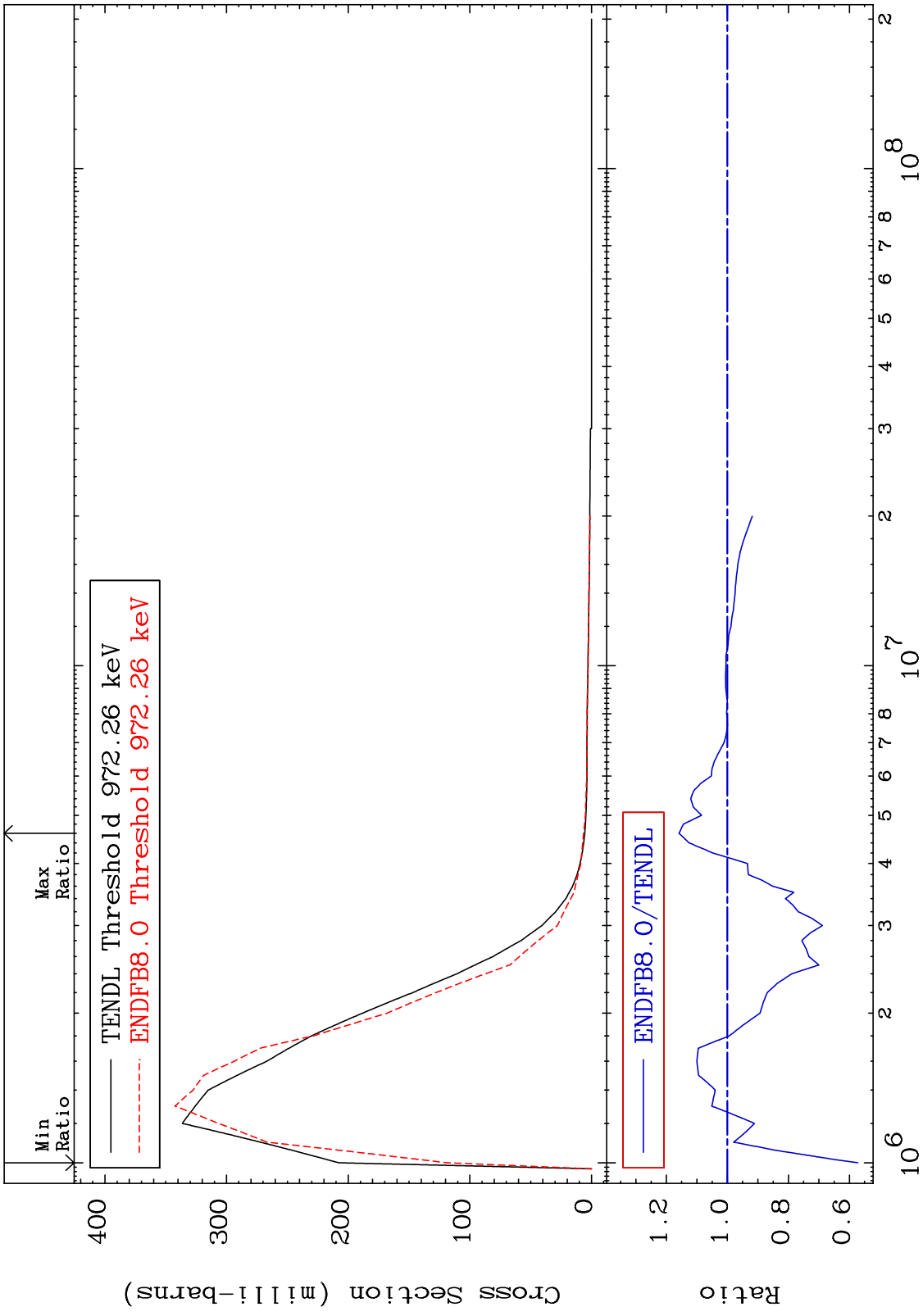


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Incident Energy (eV)

66-Dy-160

MAT 6637 MT= 54 (n,n') Level 66-Dy-160
 Cross Section -42.76 To 15.85 %

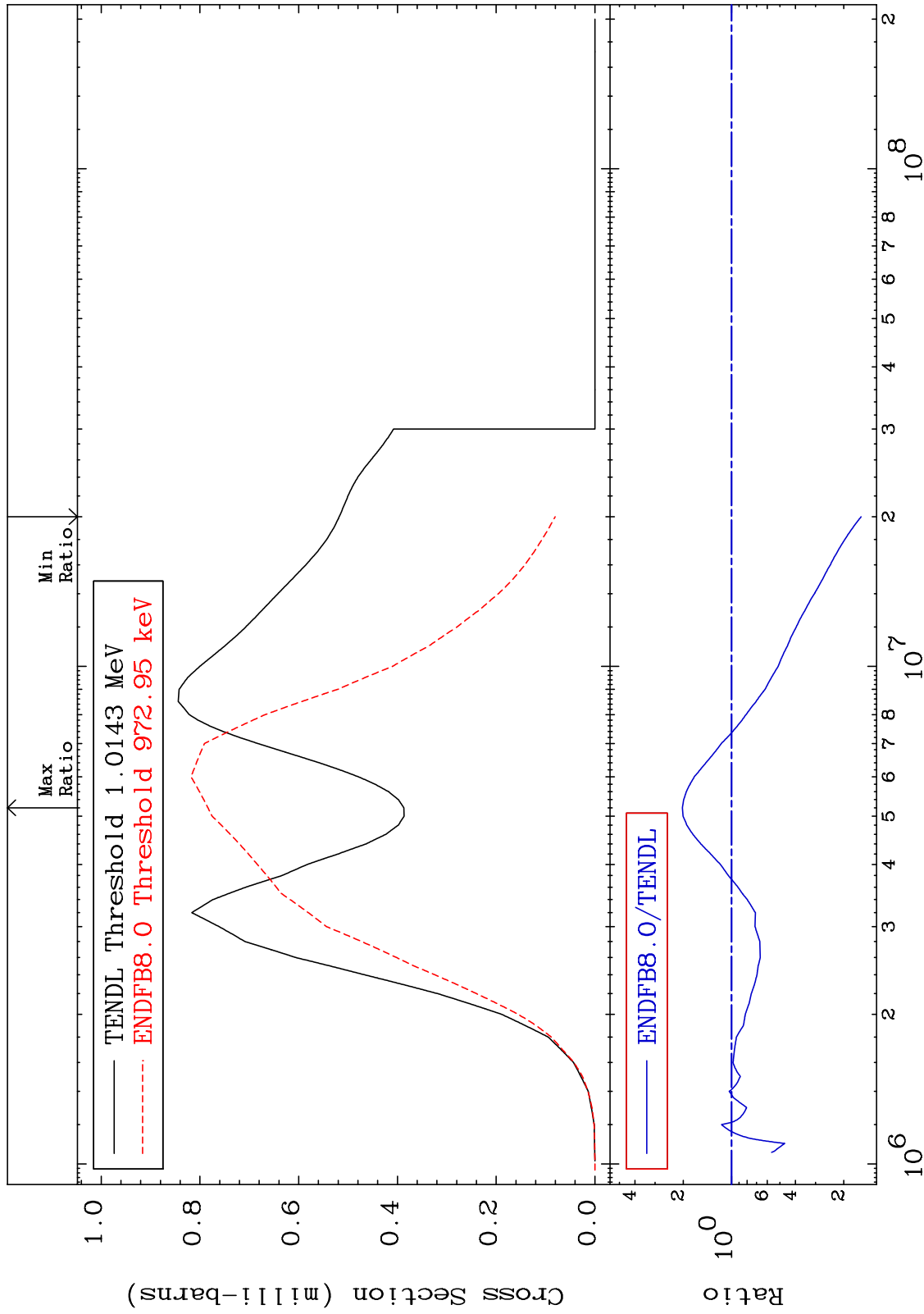


13 Incident Energy (eV) 66-Dy-160

MAT 6637

MT= 55 (n,n') Level
Cross Section

66-Dy-160
-84.47 To 102.5 %



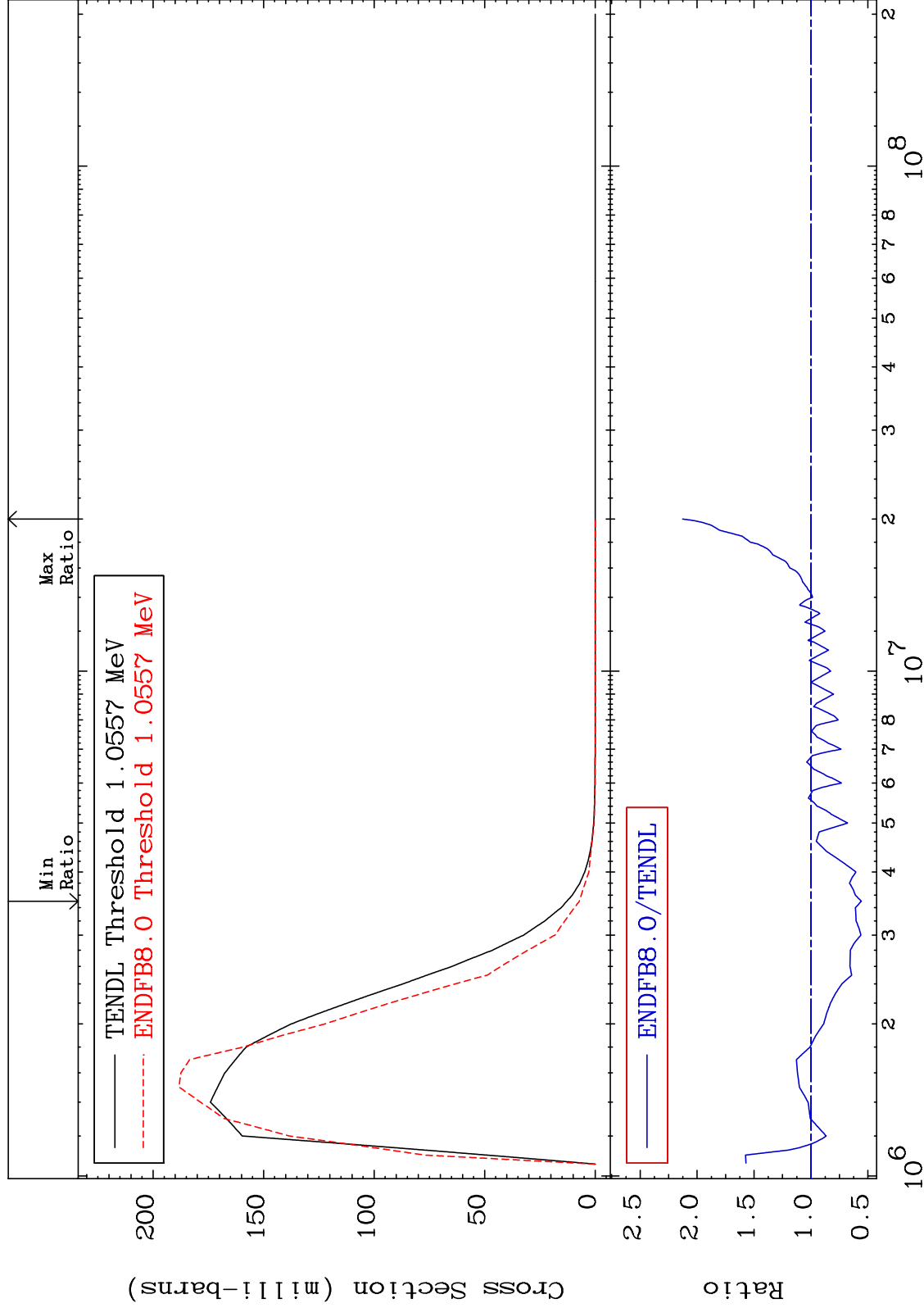
14

66-Dy-160

MAT 6637

MT= 56 (n,n') Level
Cross Section

66-Dy-160
-44.22 To 112.7 %

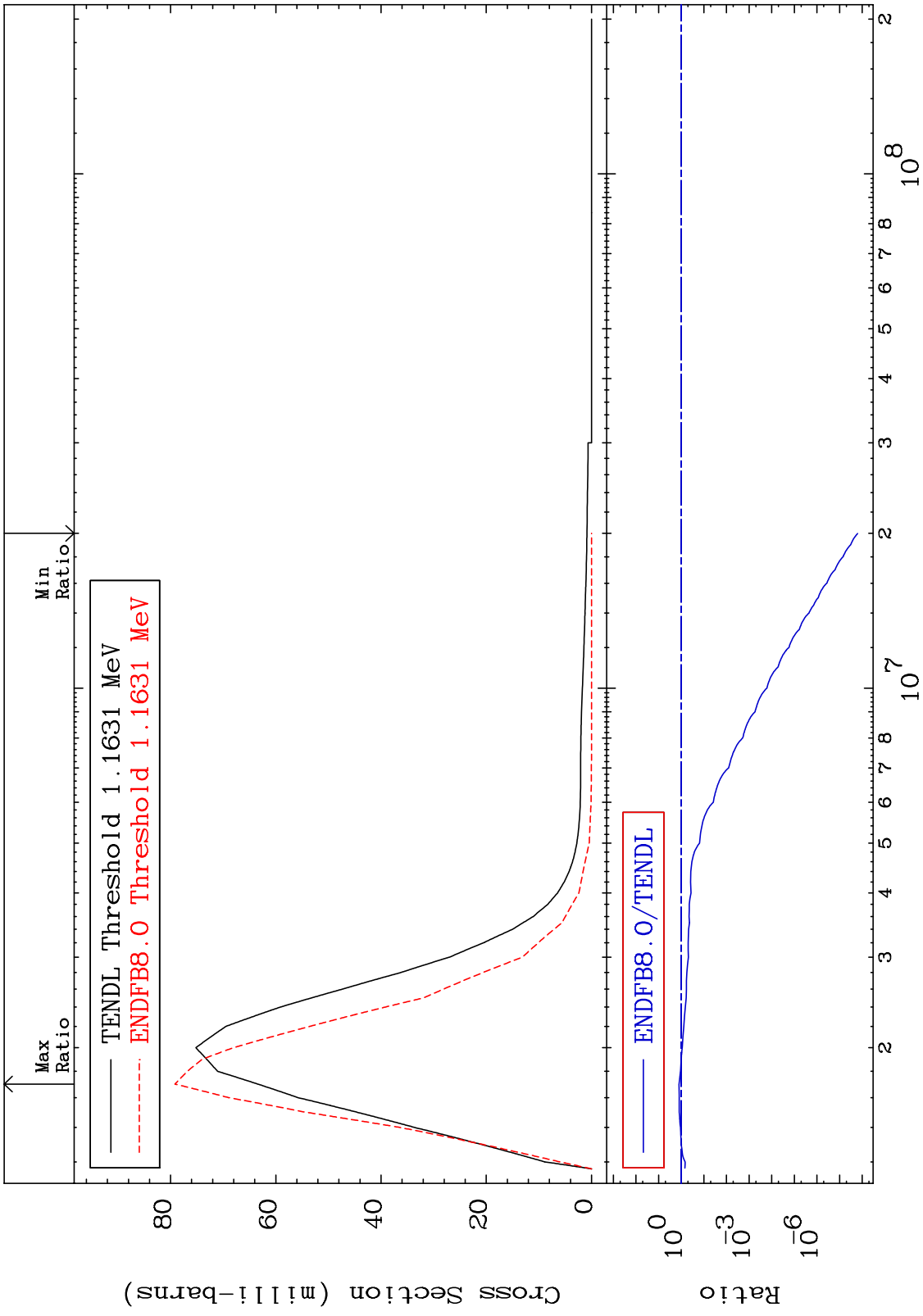


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Incident Energy (eV)

66-Dy-160

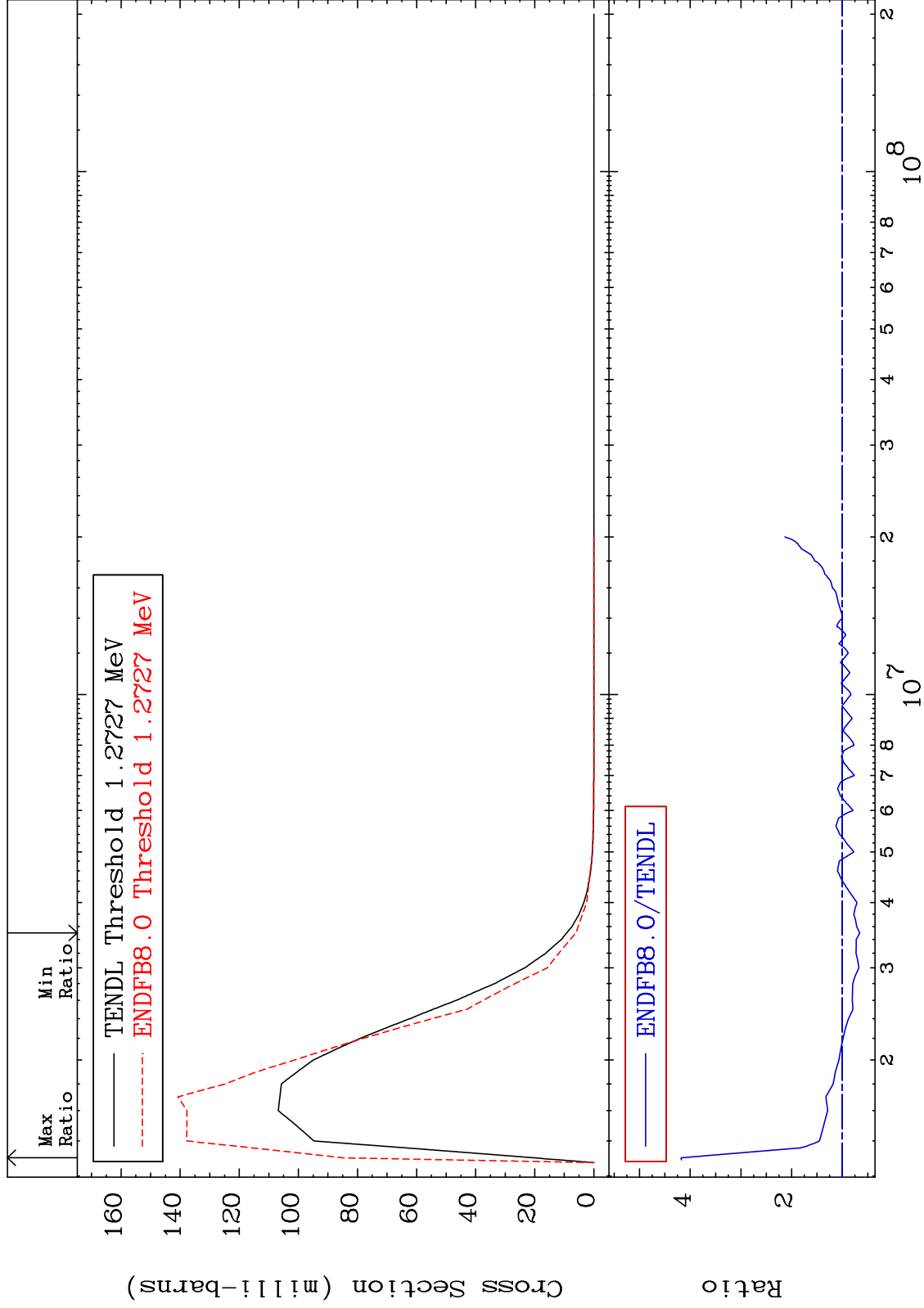
MAT 6637 MT= 57 (n,n') Level Cross Section 66-Dy-160
 -100.0 To 24.79 %



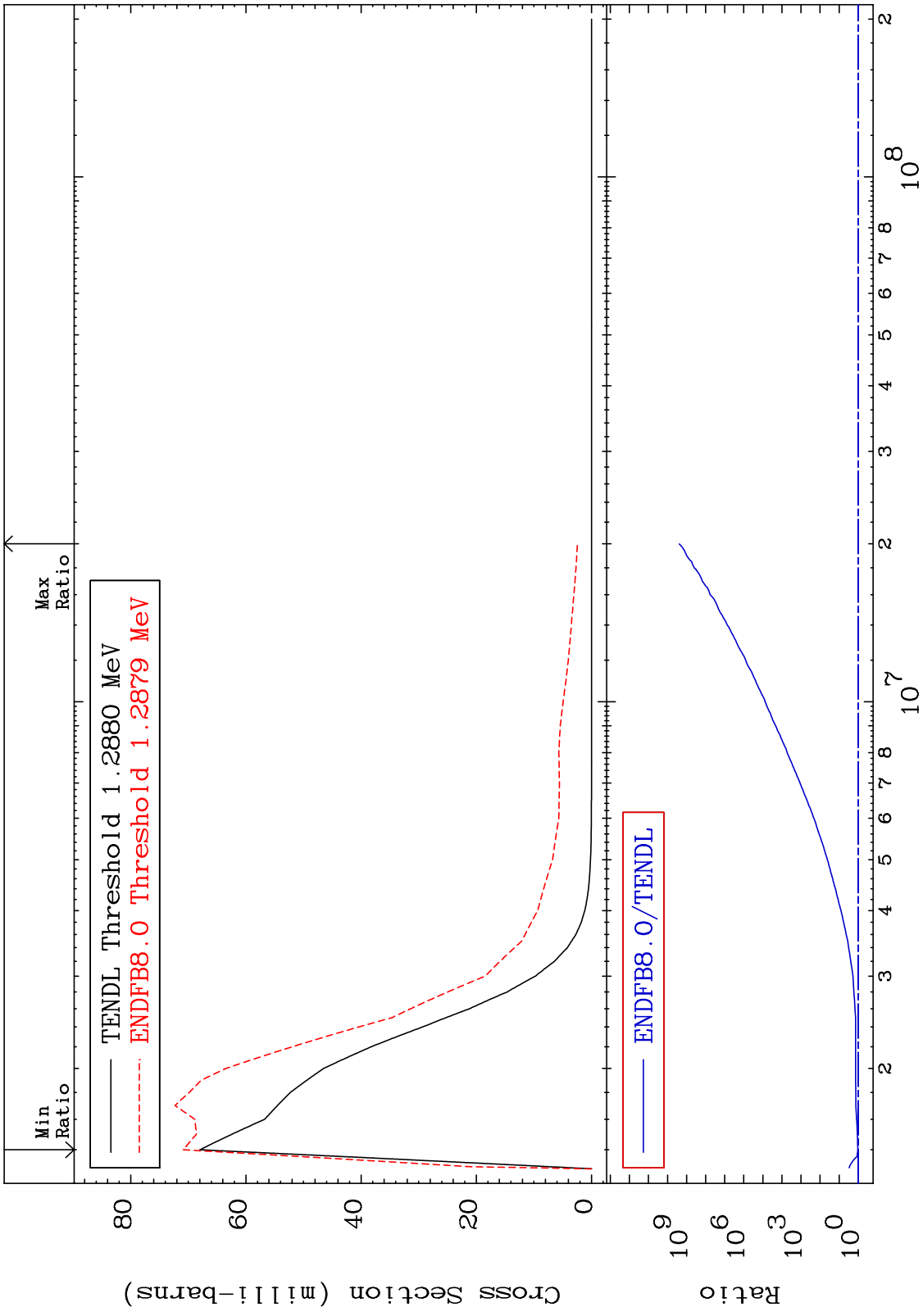
MAT 6637

MT= 58 (n,n') Level
Cross Section

66-Dy-160
-34.36 To 317.7 %



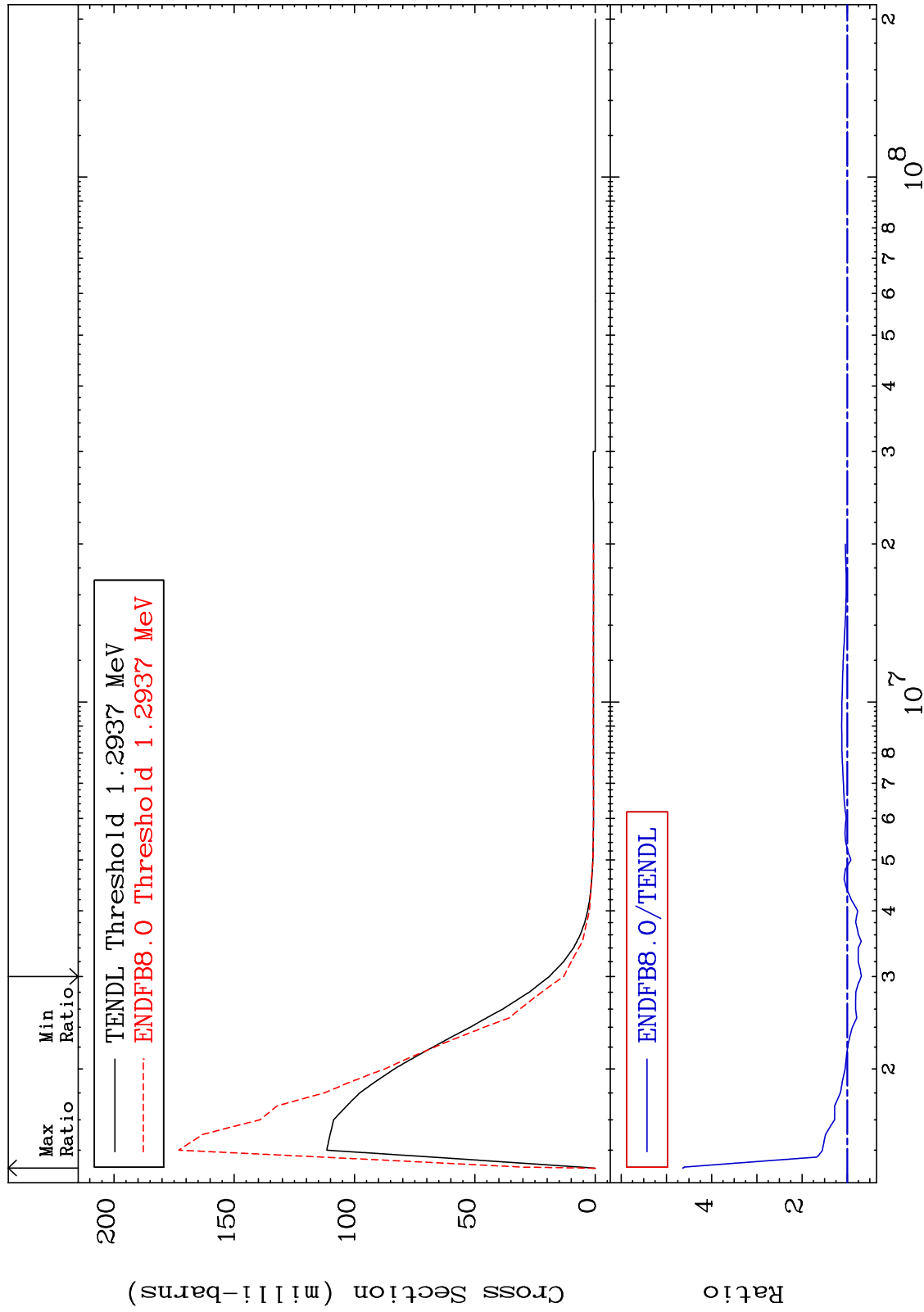
MAT 6637 MT= 59 (n,n') Level Cross Section 66-Dy-160 To 9999. %
 4.265



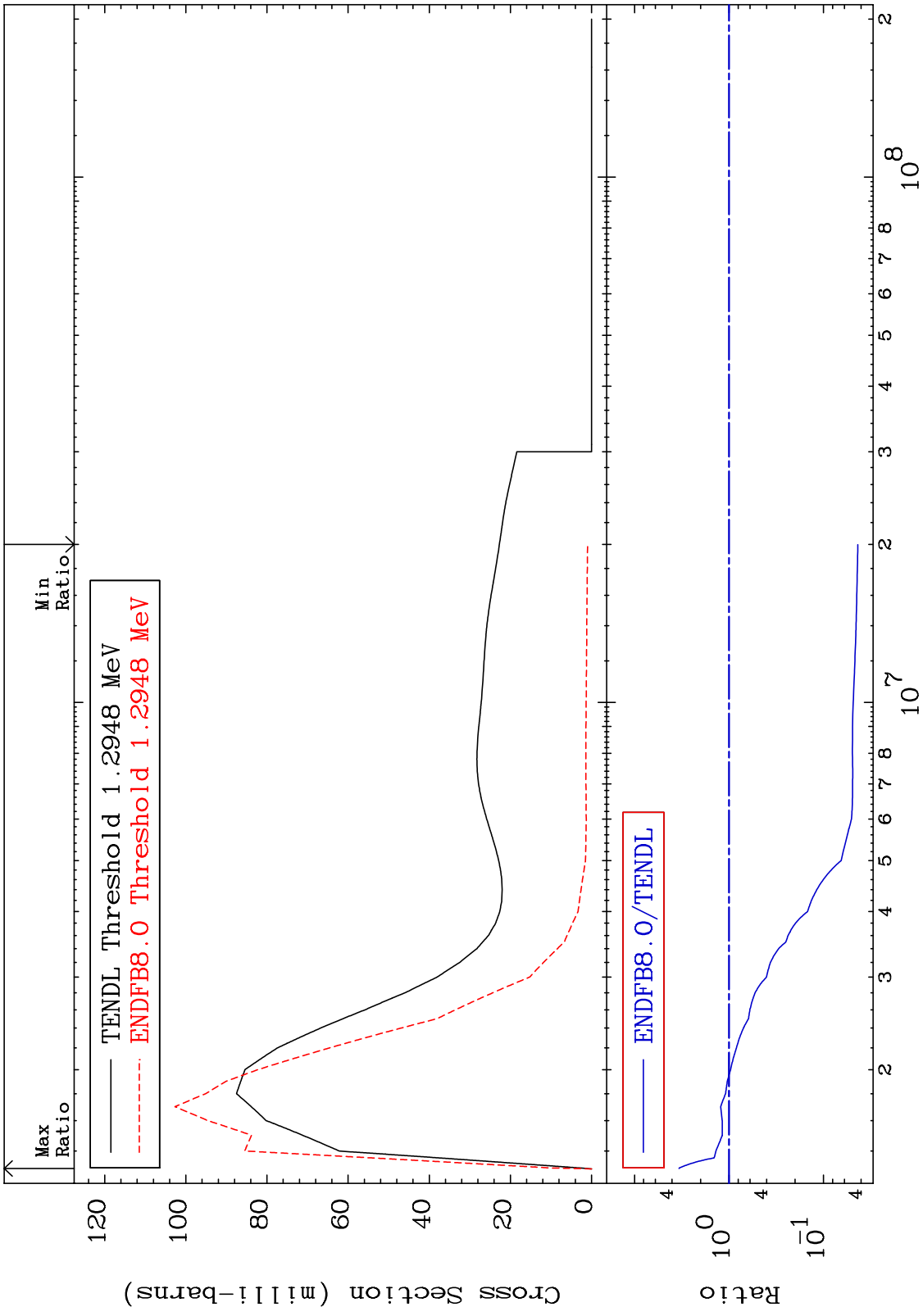
MAT 6637

MT= 60 (n,n') Level
Cross Section

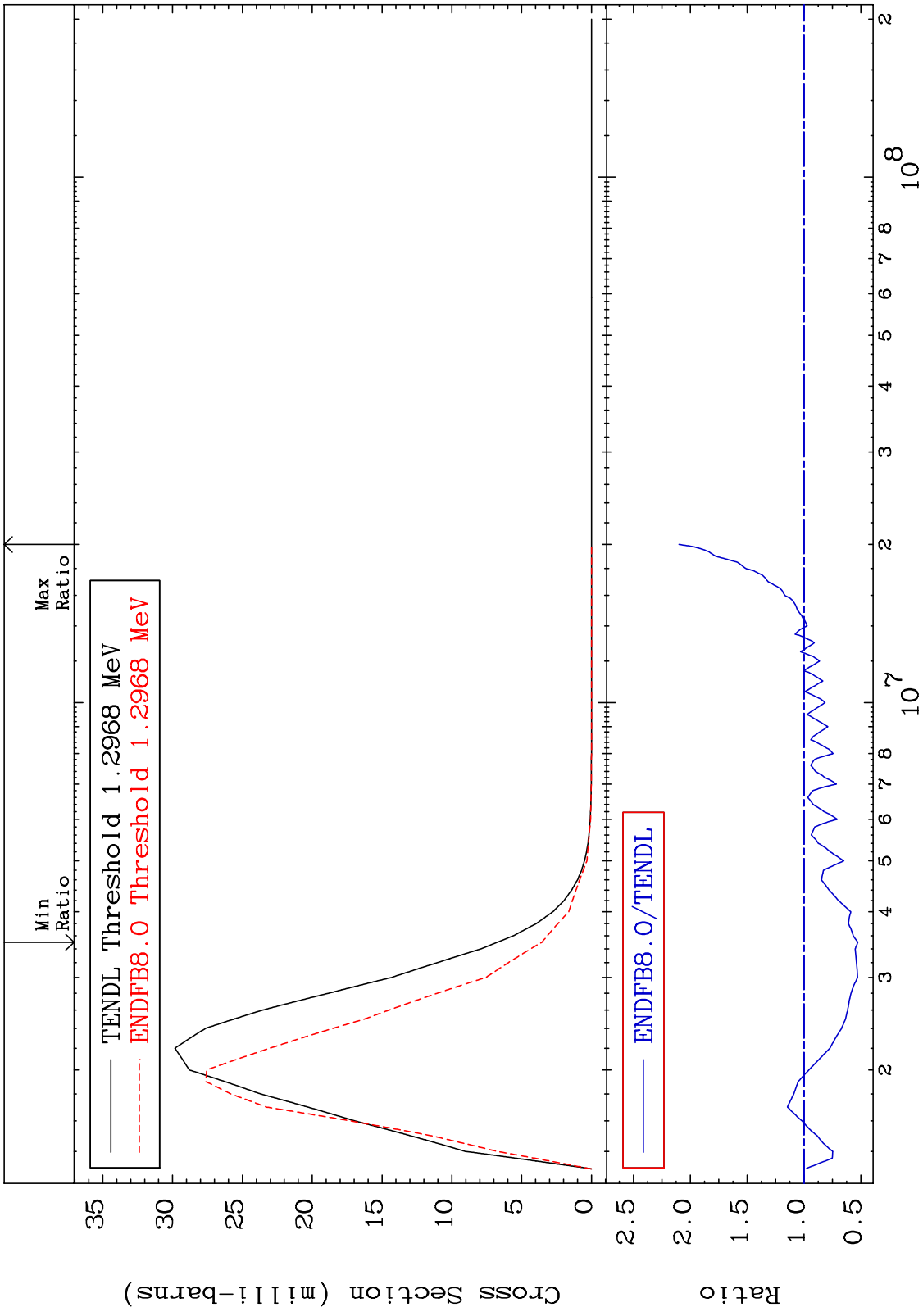
66-Dy-160
-31.15 To 364.1 %



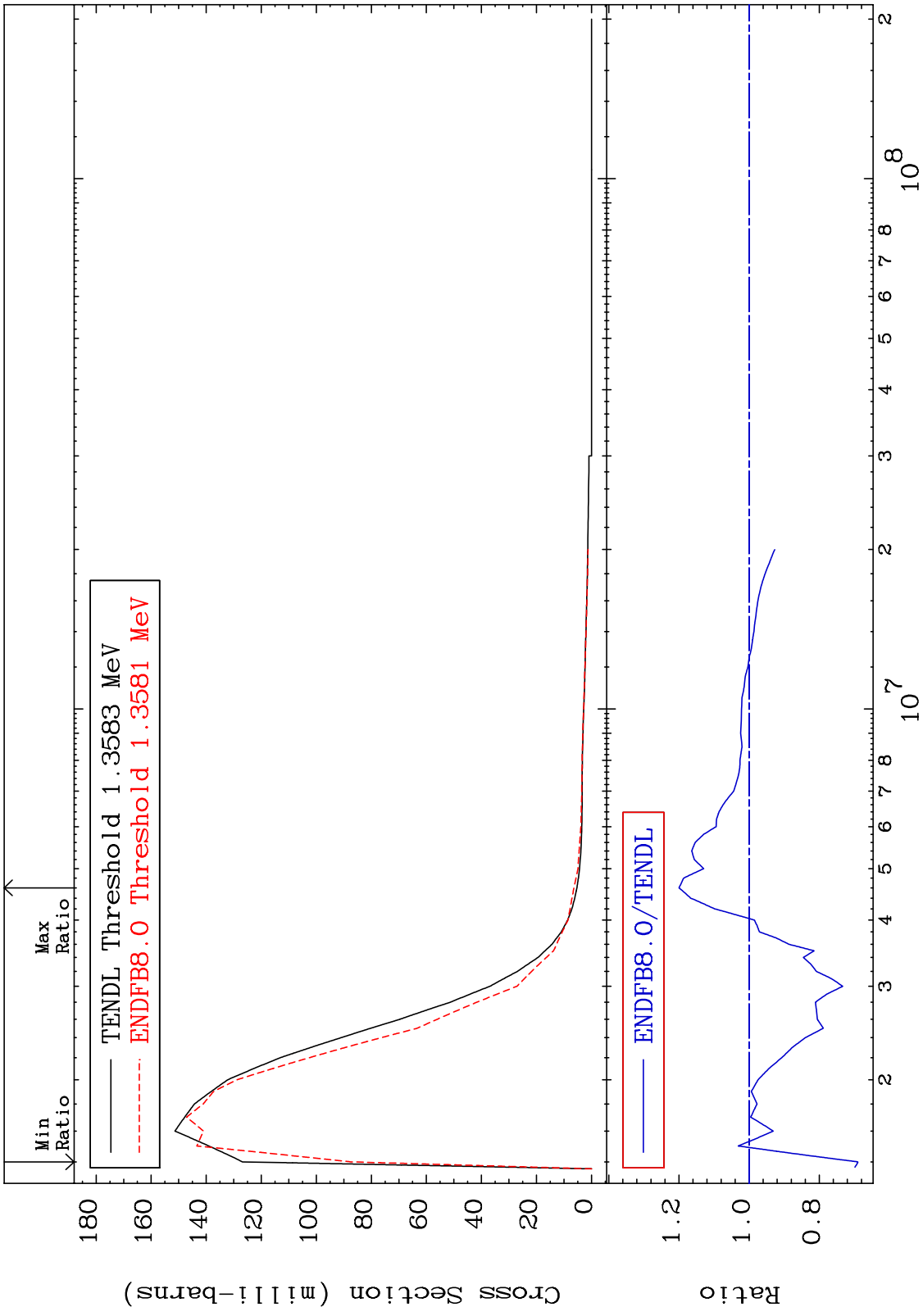
MAT 6637 MT= 61 (n,n') Level Cross Section 66-Dy-160 -95.68 To 237.6 %



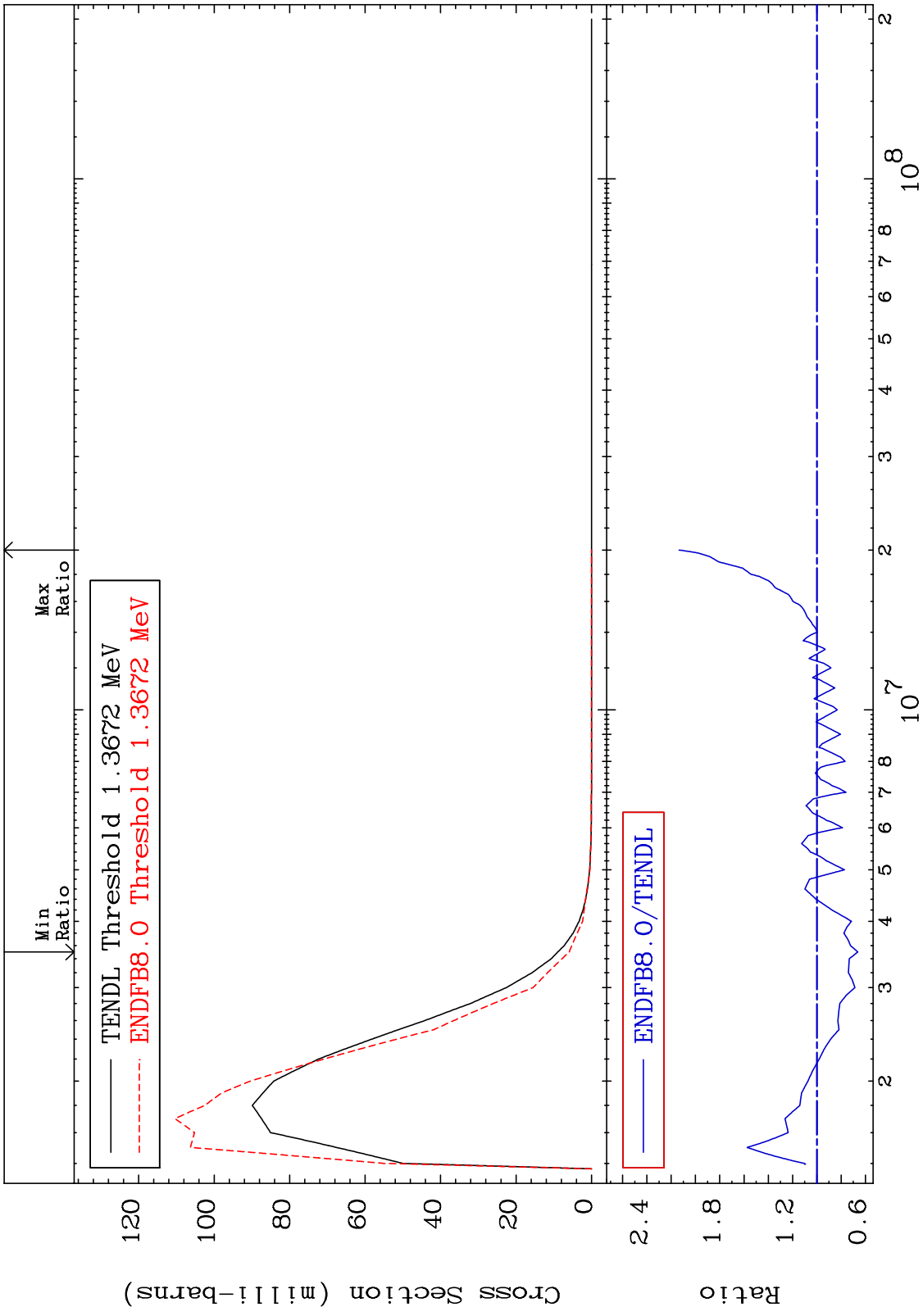
MAT 6637 MT= 62 (n,n') Level Cross Section 66-Dy-160
 -47.37 To 109.9 %



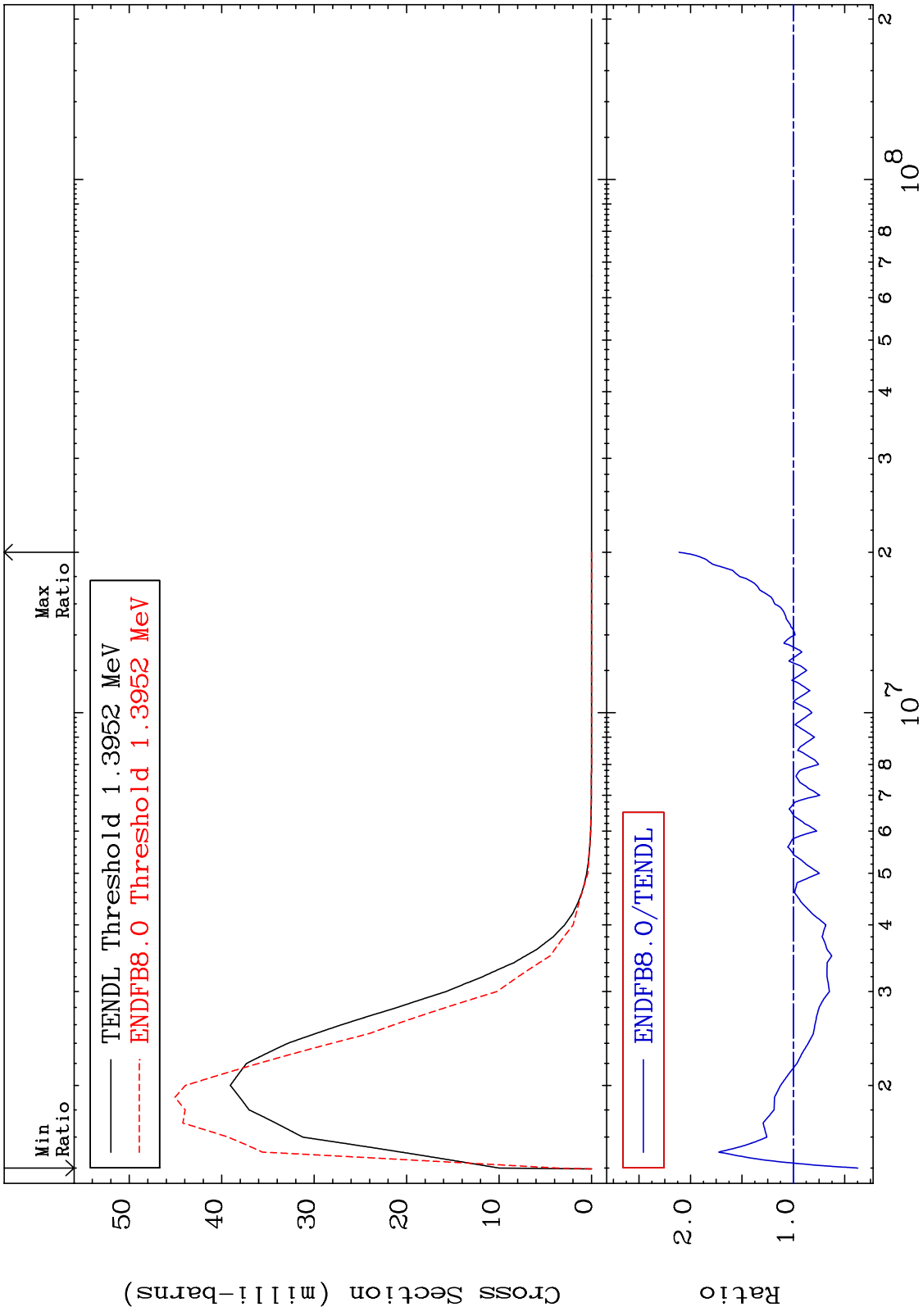
MAT 6637 MT= 63 (n,n') Level Cross Section 66-Dy-160 -30.97 To 19.98 %



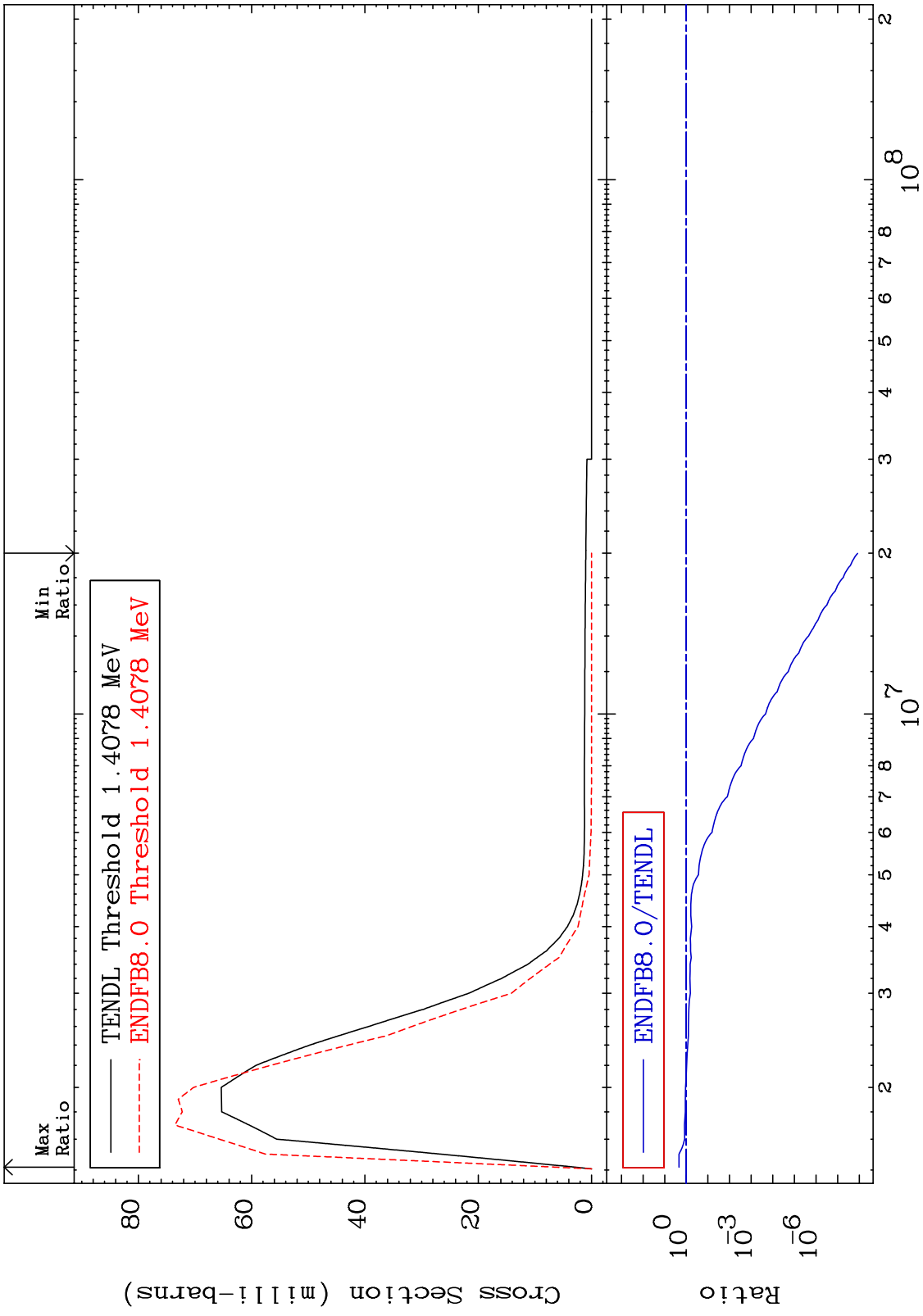
MAT 6637 MT= 64 (n,n') Level Cross Section 66-Dy-160
 -33.80 To 113.5 %



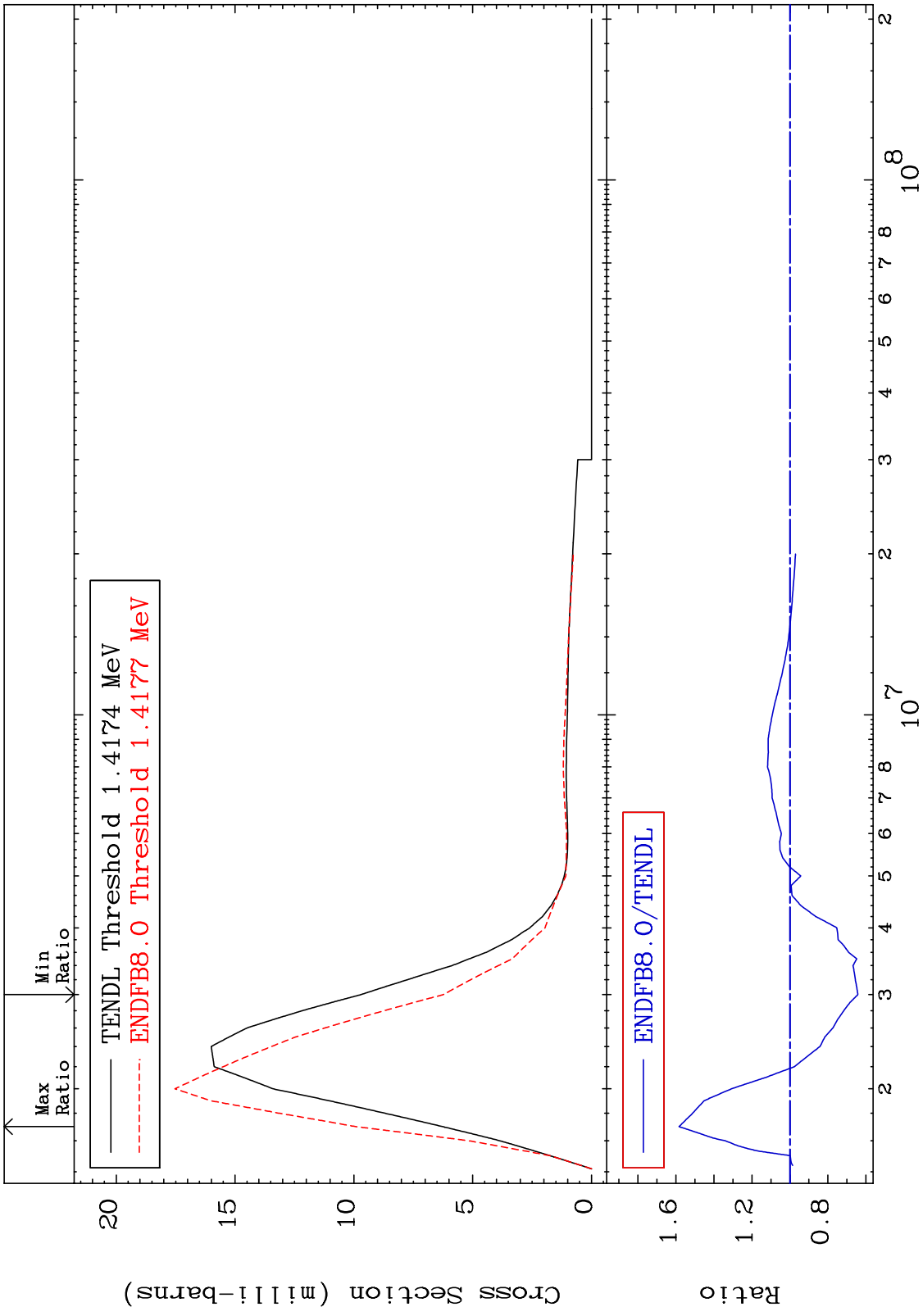
MAT 6637 MT= 65 (n,n') Level Cross Section 66-Dy-160 -62.70 To 111.1 %



MAT 6637 MT= 66 (n,n') Level Cross Section 66-Dy-160 -100.0 To 116.4 %



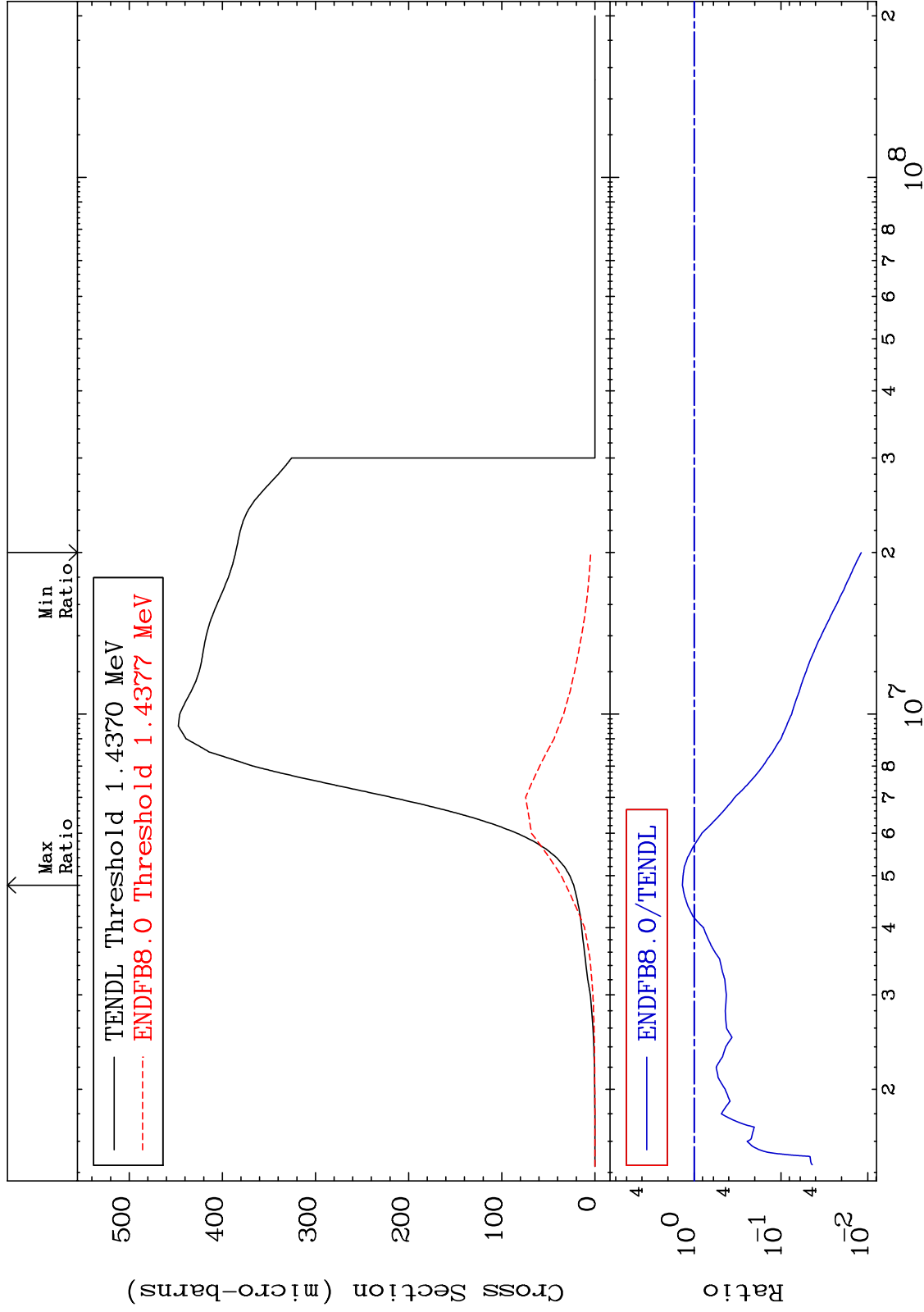
MAT 6637 MT= 67 (n,n') Level Cross Section 66-Dy-160
 -35.74 To 58.37 %



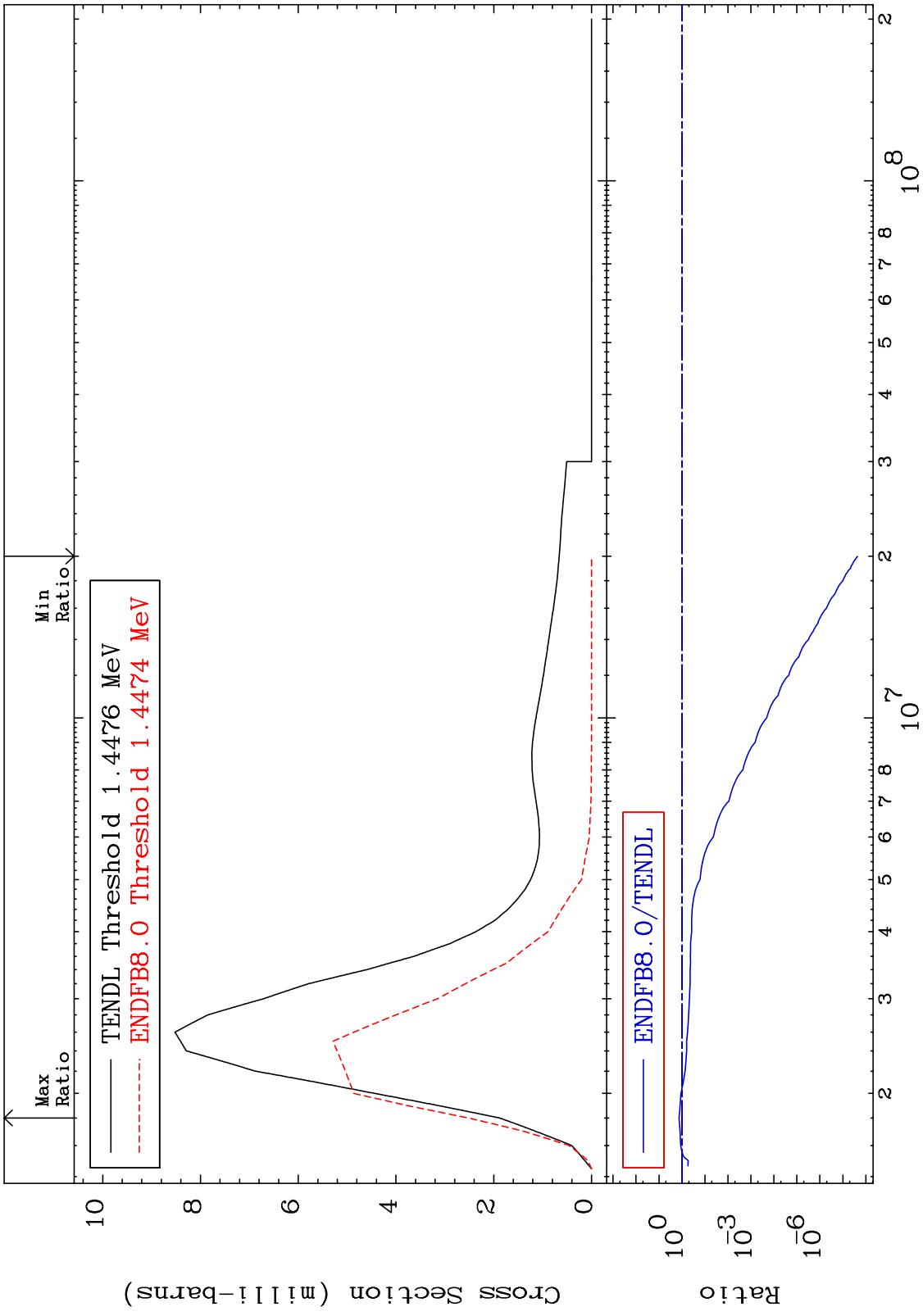
MAT 6637

MT= 68 (n,n') Level
Cross Section

66-Dy-160
-98.81 To 36.37 %



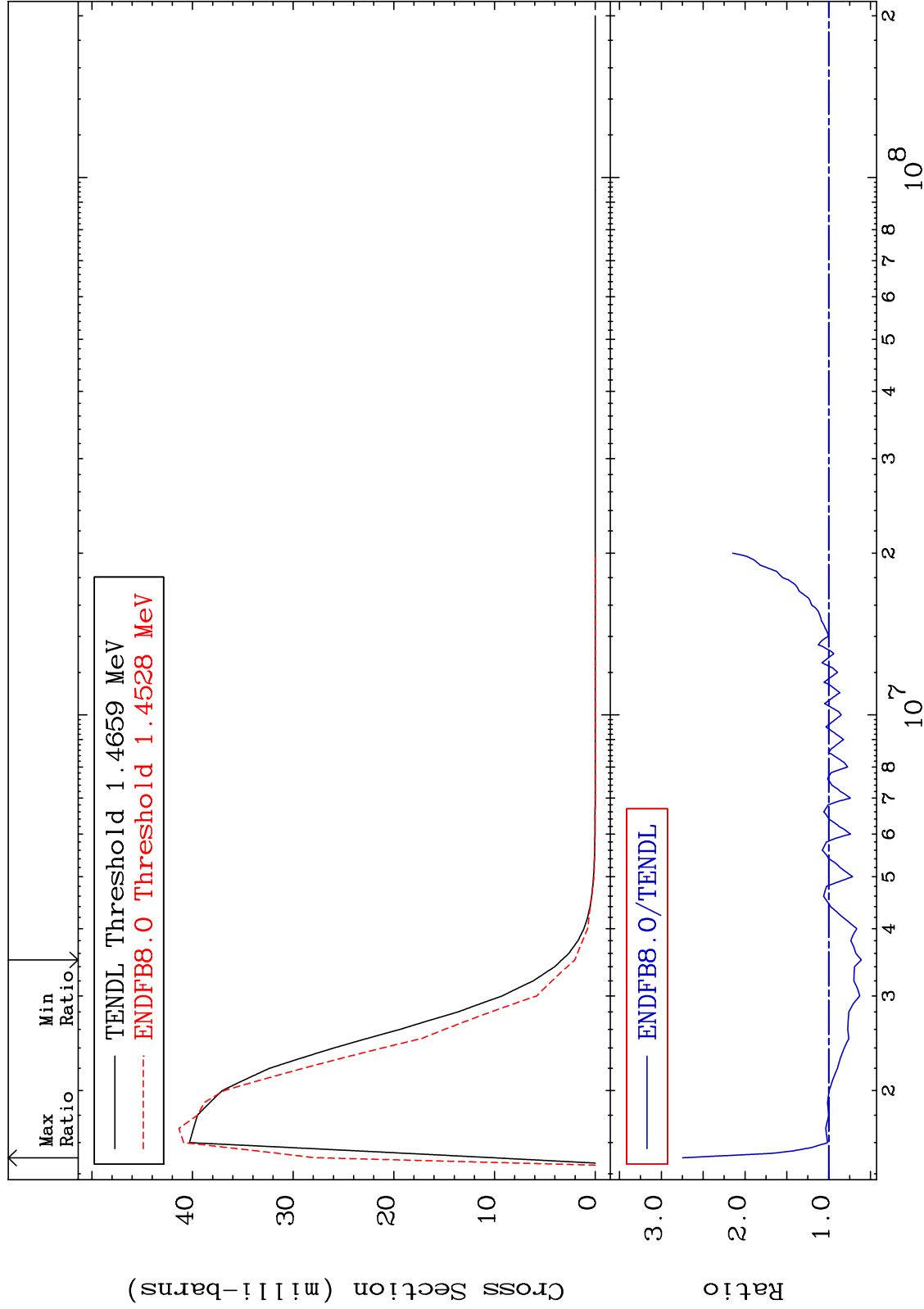
MAT 6637 MT= 69 (n,n') Level Cross Section 66-Dy-160
 -100.0 To 34.05 %



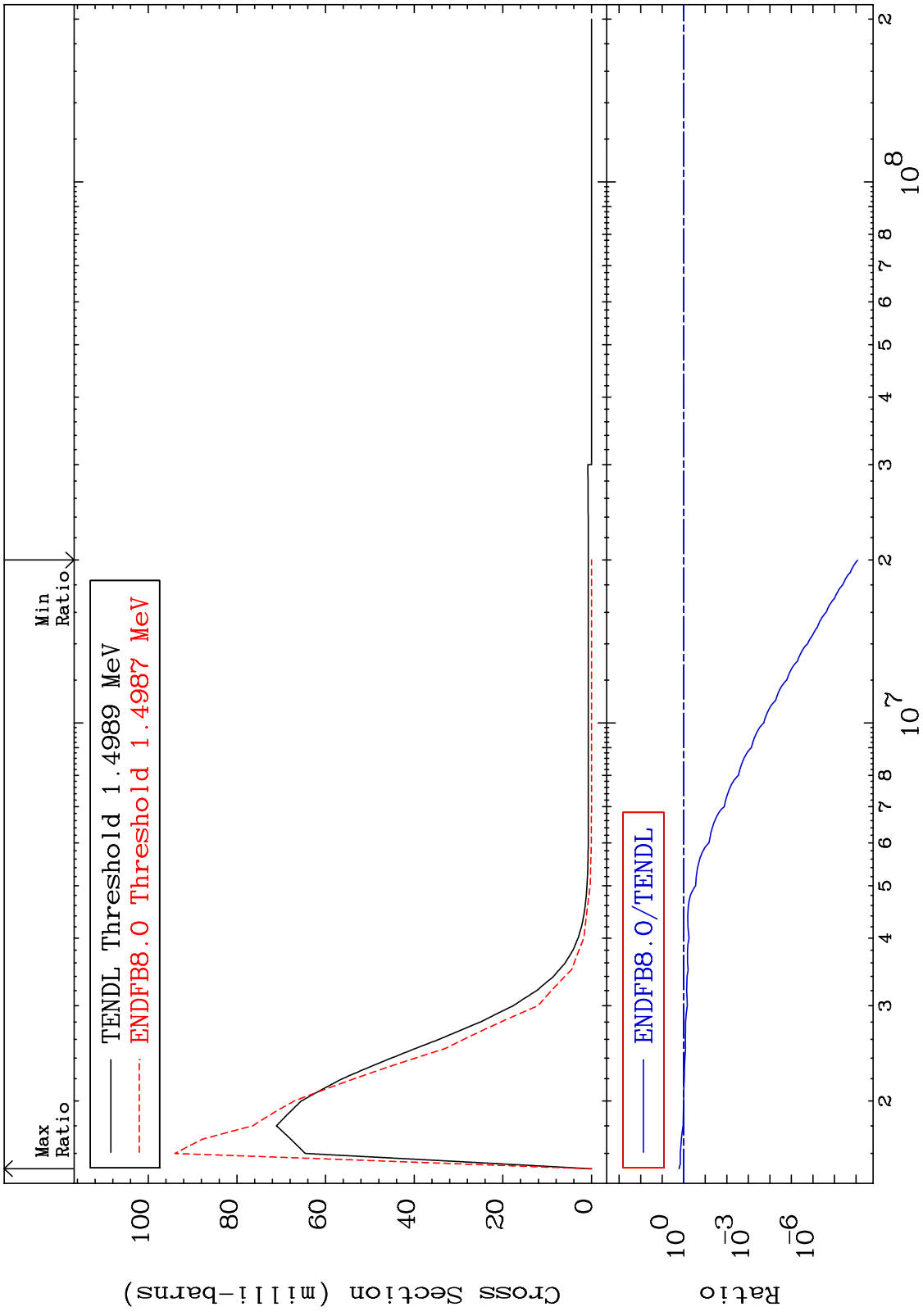
MAT 6637

MT= 70 (n,n') Level
Cross Section

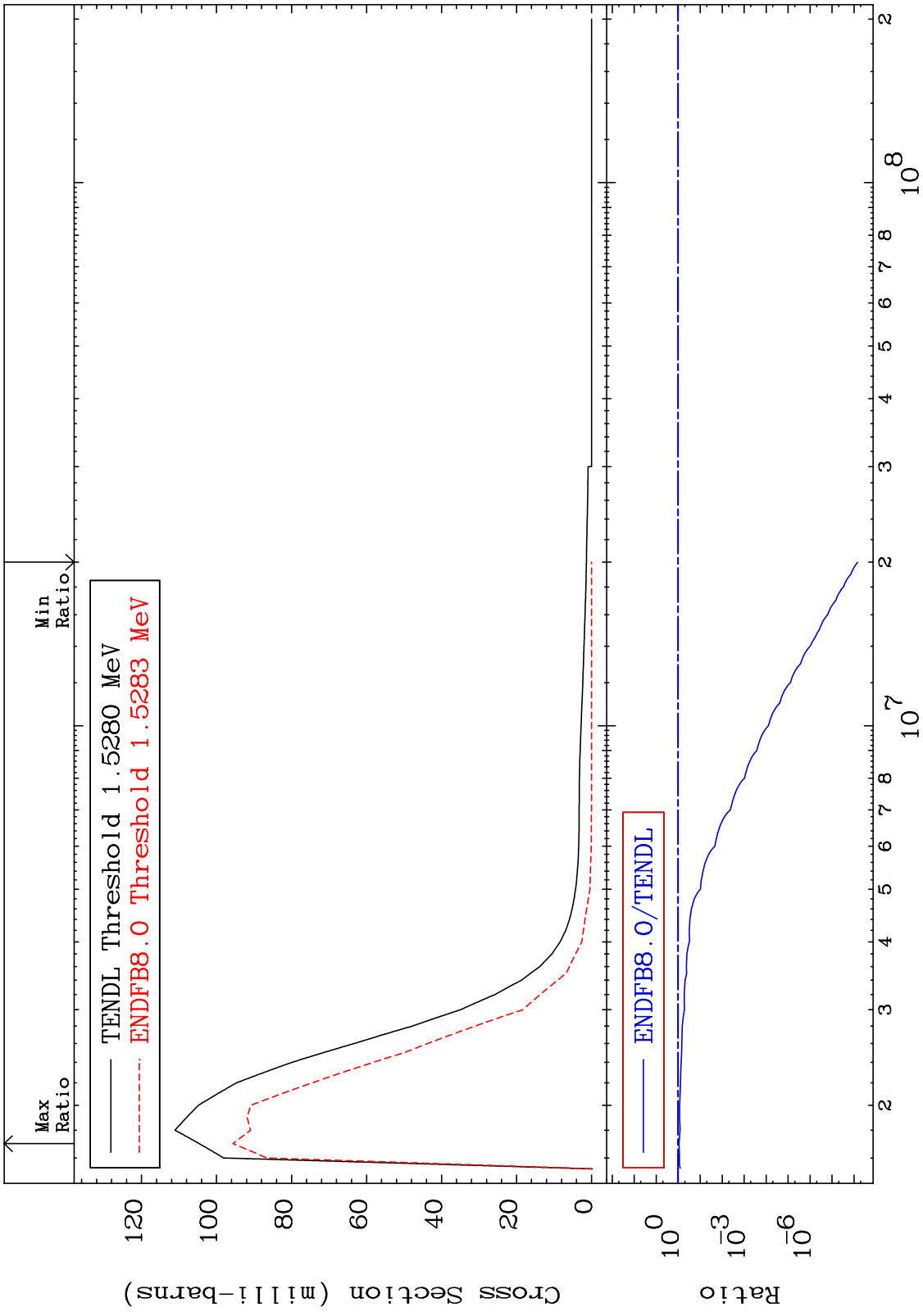
66-Dy-160
-38.99 To 174.6 %



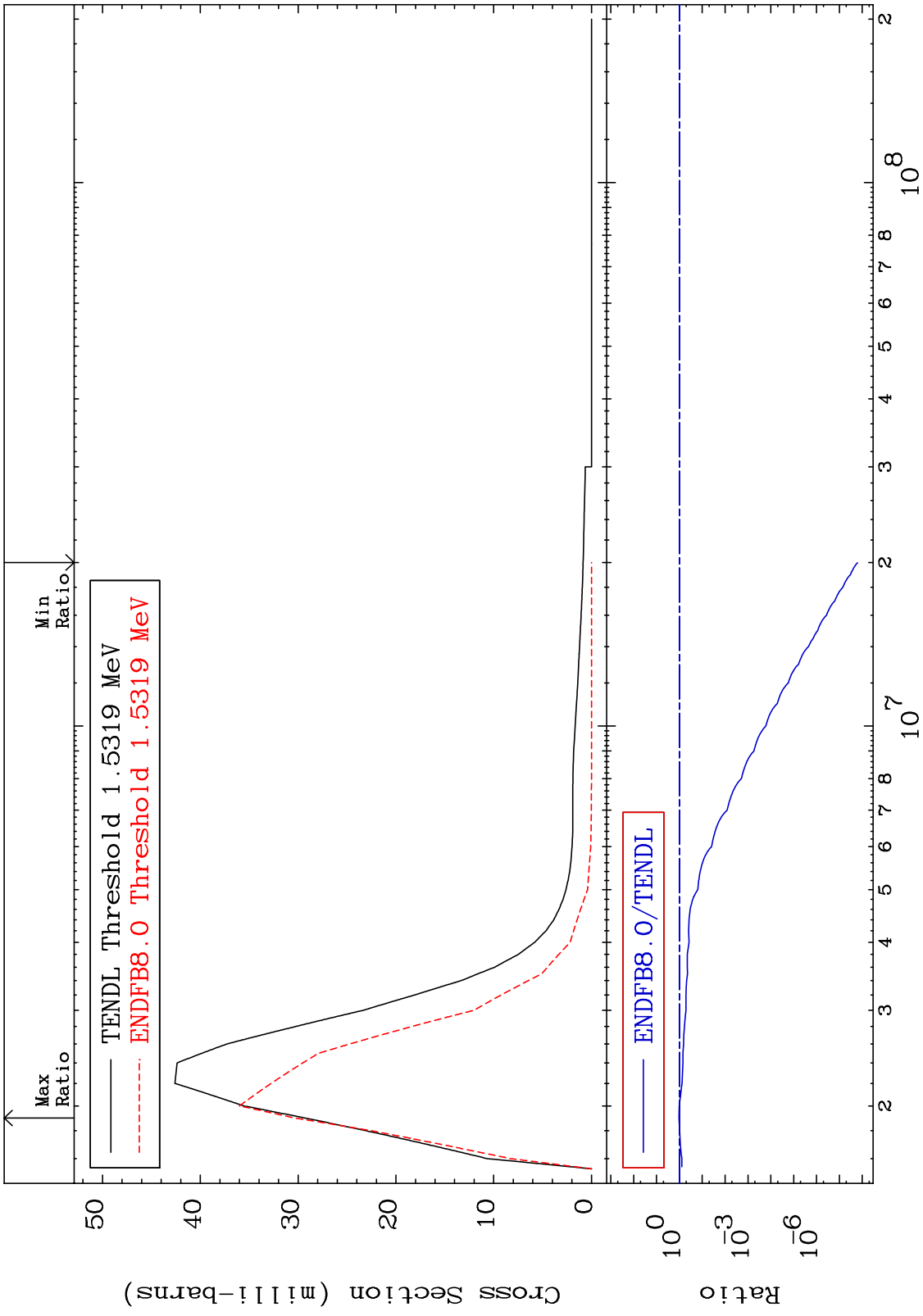
MAT 6637 MT= 71 (n,n') Level Cross Section 66-Dy-160
 -100.0 To 64.95 %



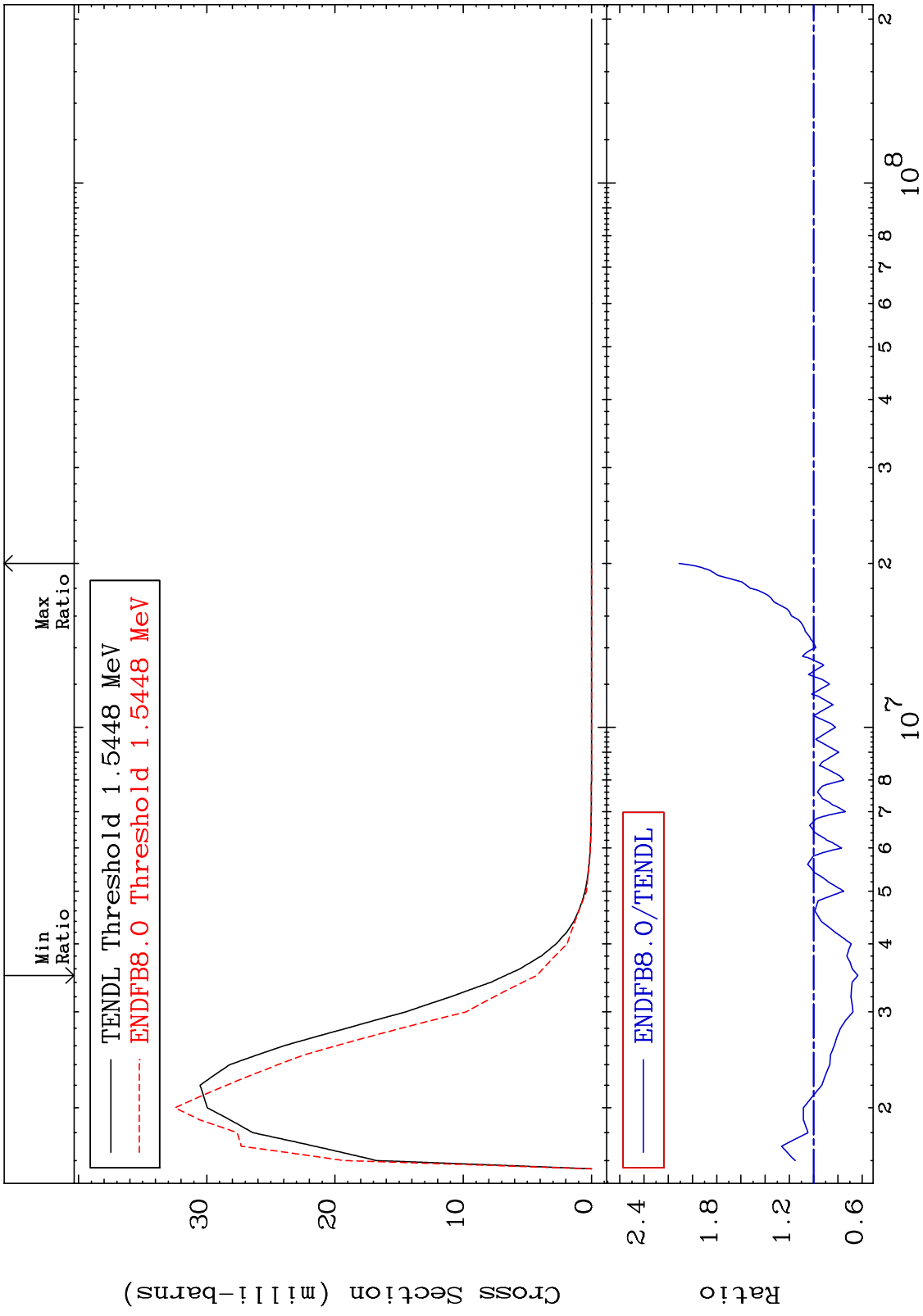
MAT 6637 MT= 72 (n,n') Level Cross Section 66-Dy-160 -100.0 To -8.603%

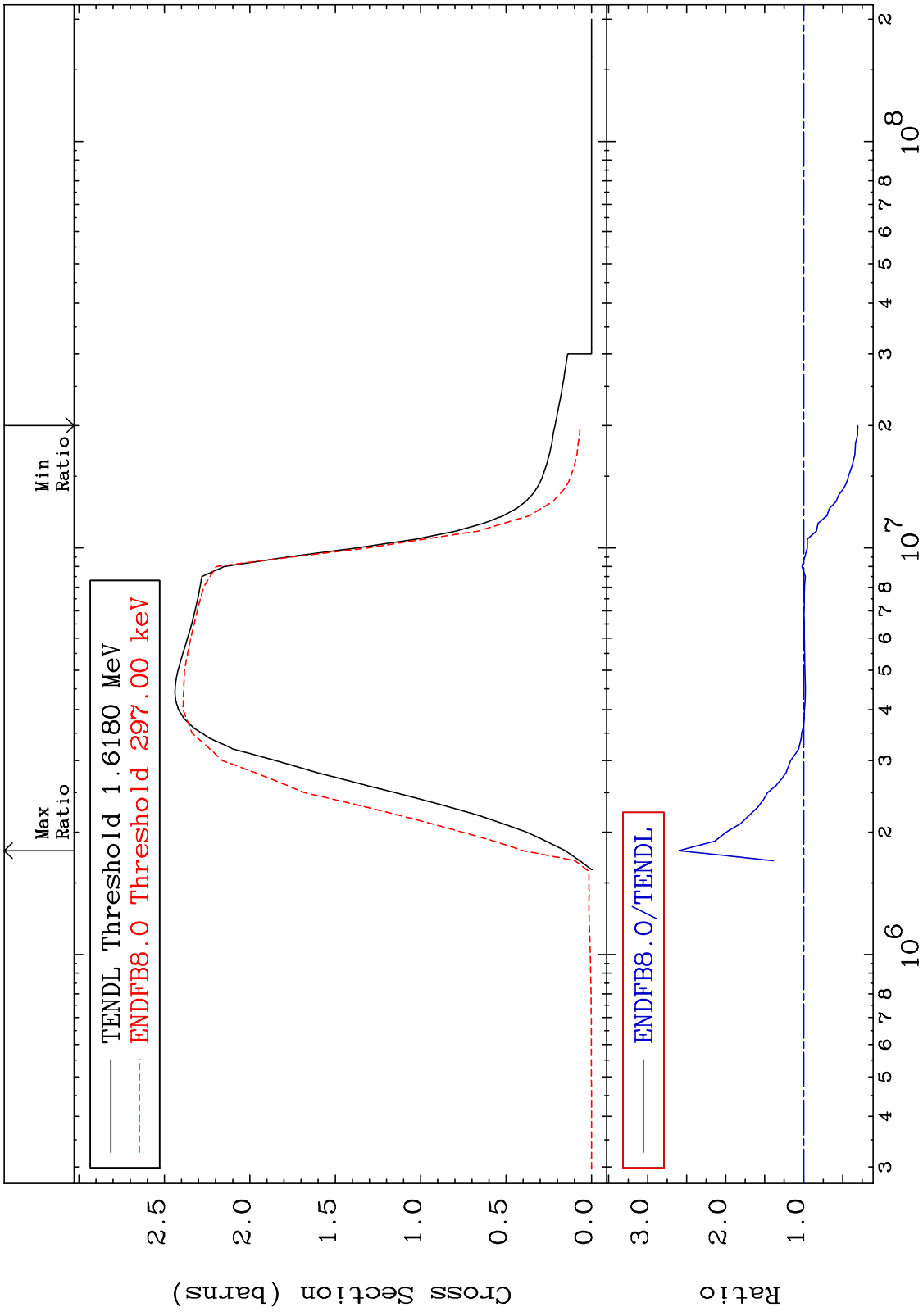


MAT 6637 MT= 73 (n,n') Level Cross Section 66-Dy-160
 -100.0 To 3.543 %



MAT 6637 MT= 74 (n,n') Level Cross Section 66-Dy-160
 -36.52 To 111.1 %





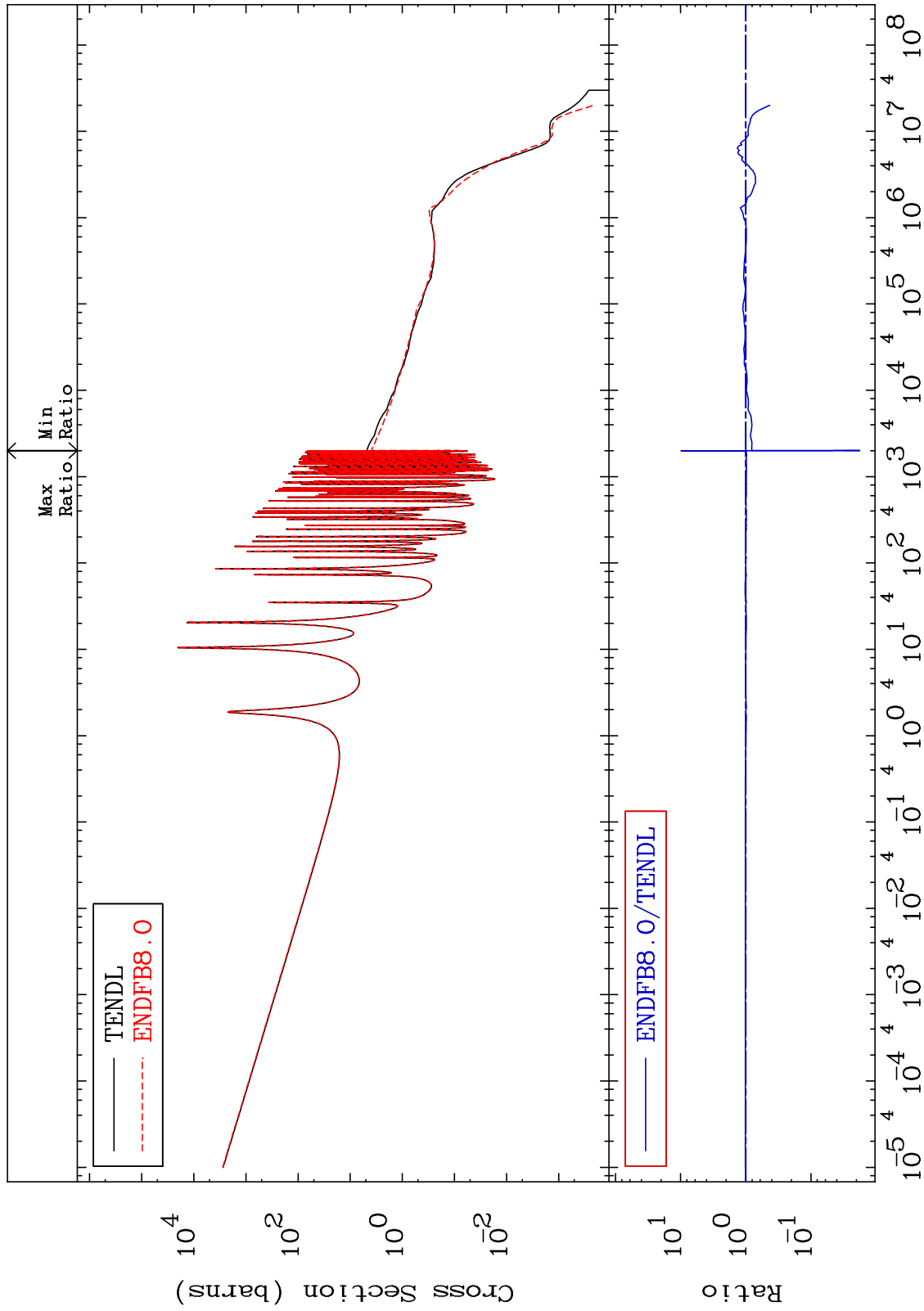
MAT 6637

(n, γ)

66-Dy-160

-98.22 To 878.1 %

Cross Section



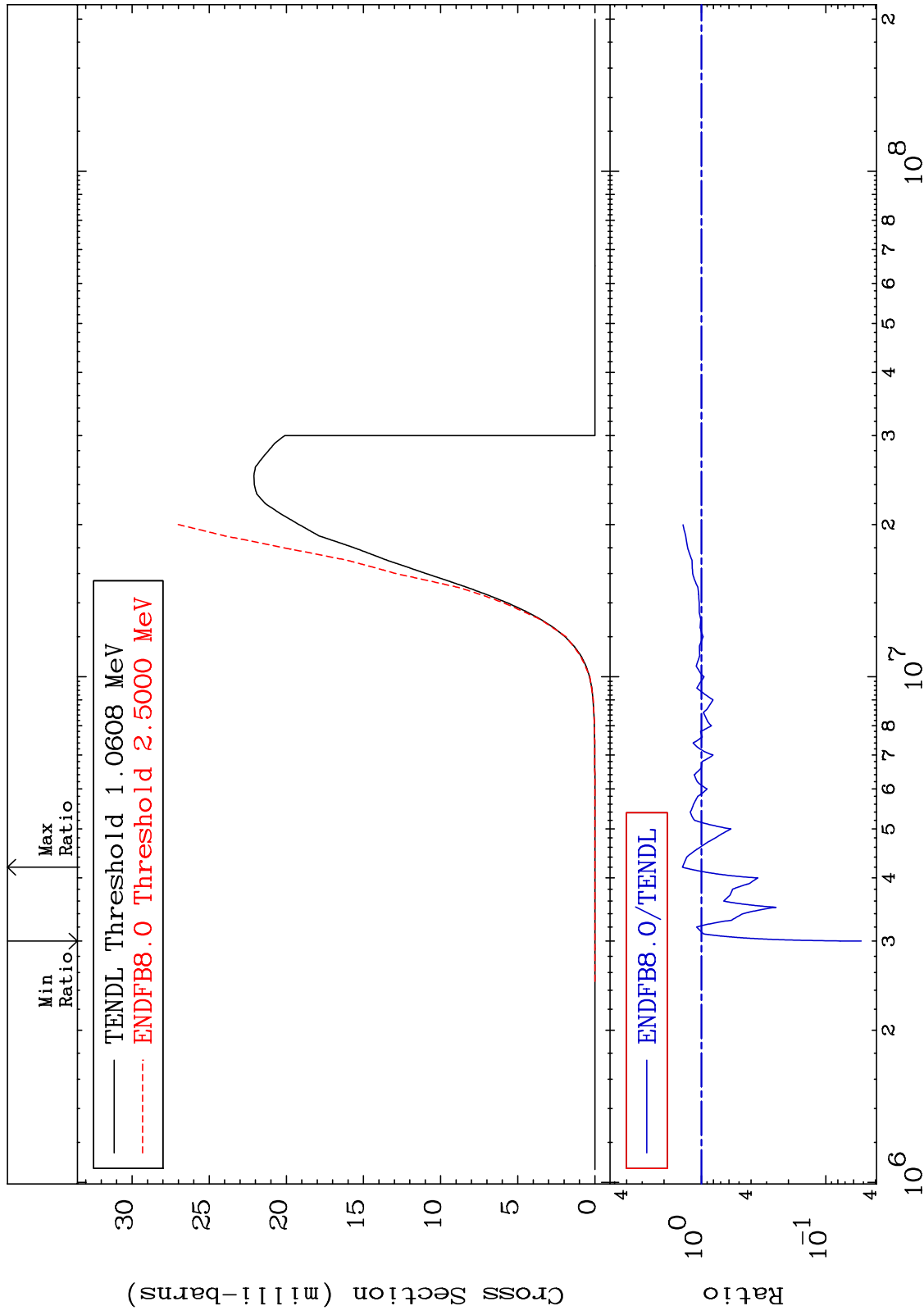
MAT 6637

(n,p)

66-Dy-160

Cross Section

-94.81 To 42.17 %



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Incident Energy (eV)

66-Dy-160

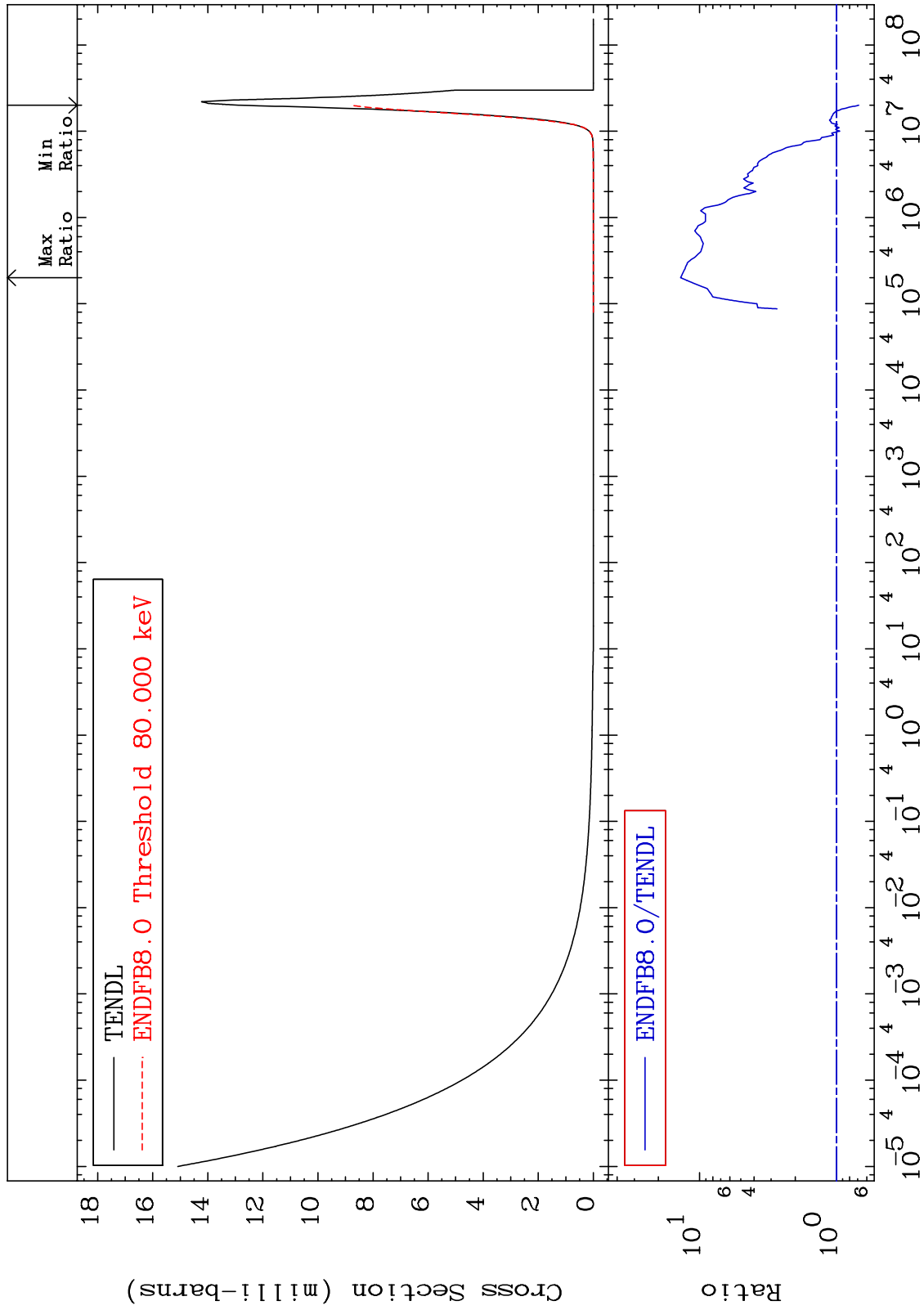
MAT 6637

(n, α)

66-Dy-160

Cross Section

-31.64 To 1275. %



37

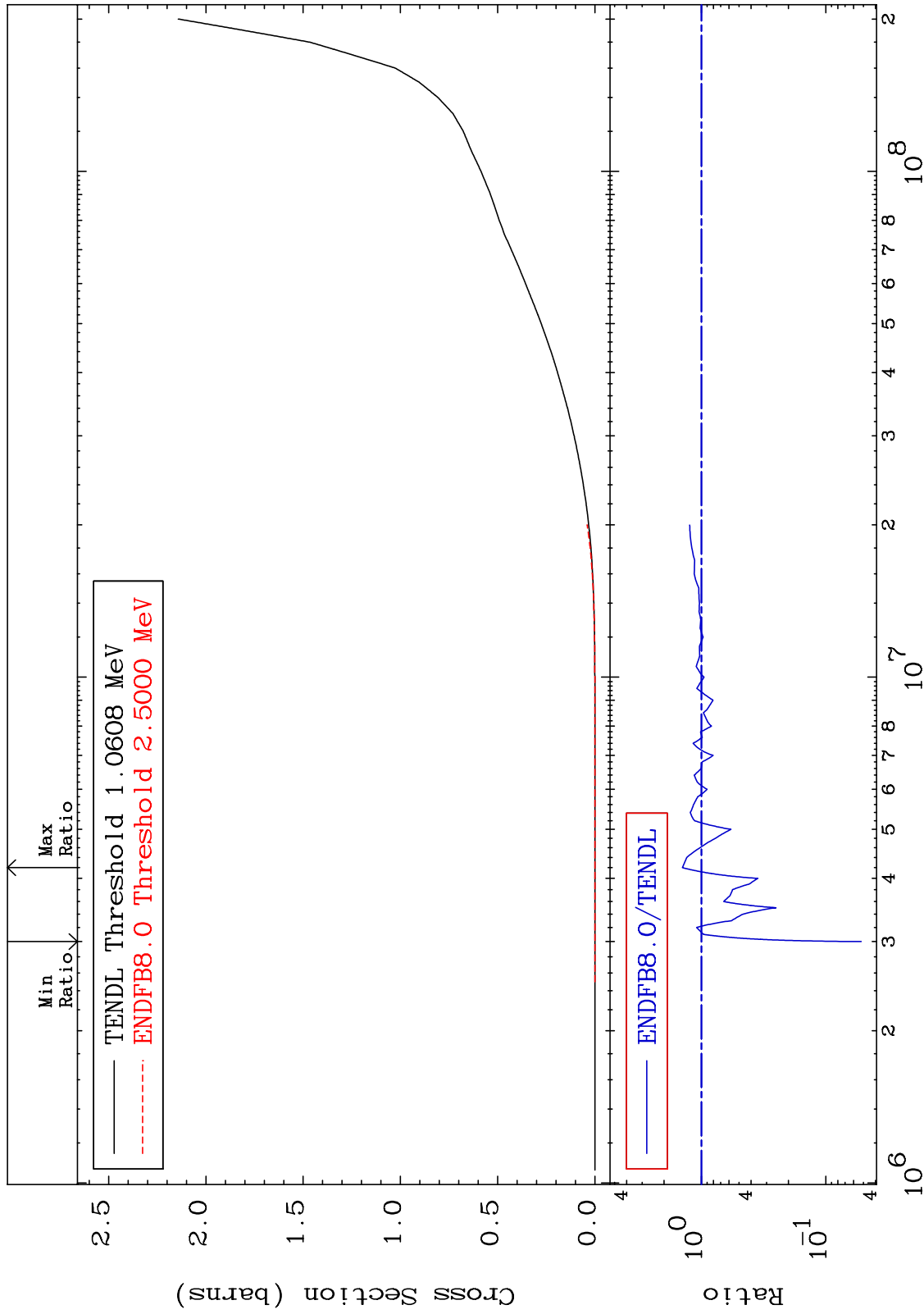
Incident Energy (eV)

66-Dy-160

MAT 6637

Hydrogen Production
Cross Section

66-Dy-160
-94.81 To 42.17 %



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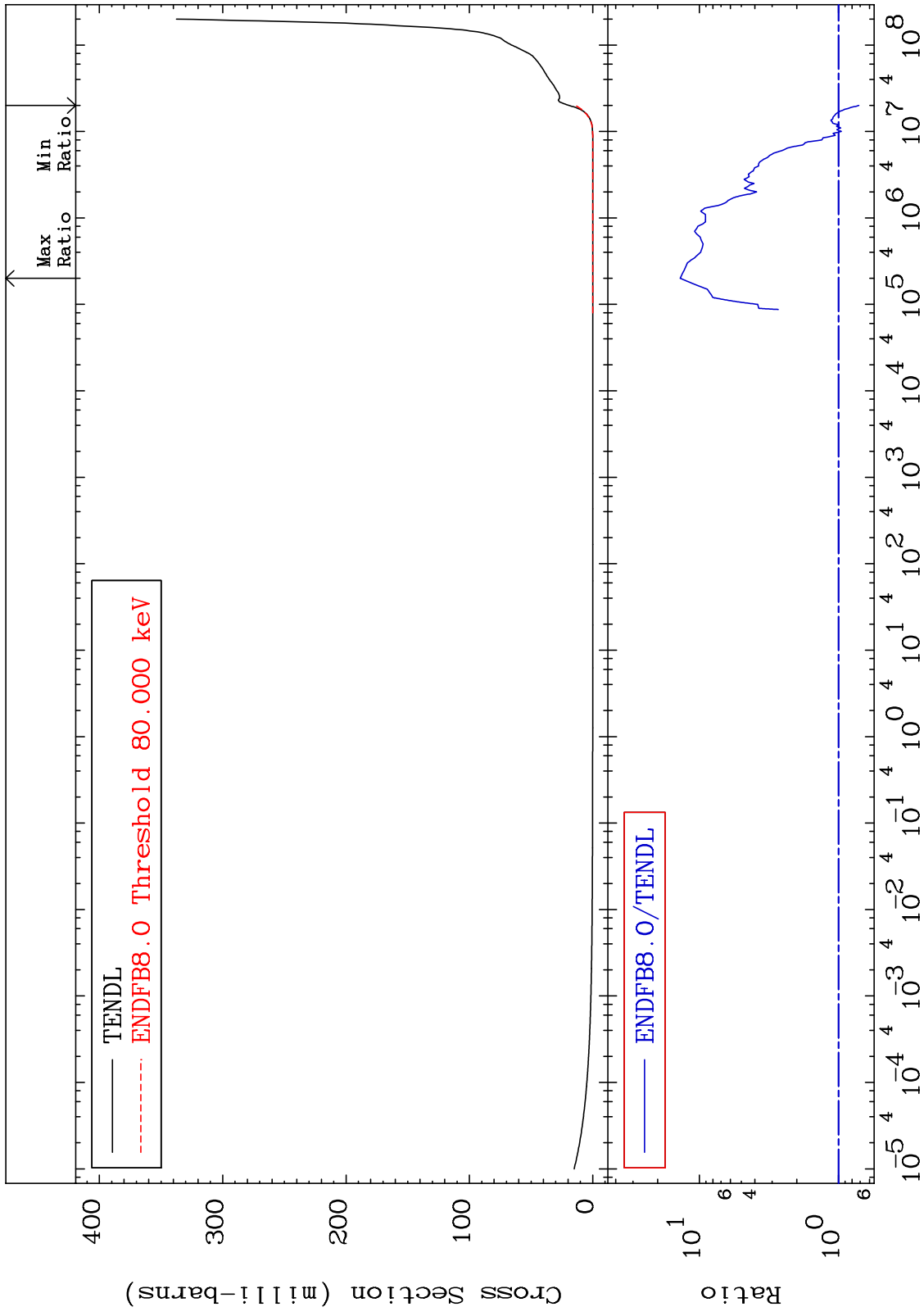
Incident Energy (eV)

66-Dy-160

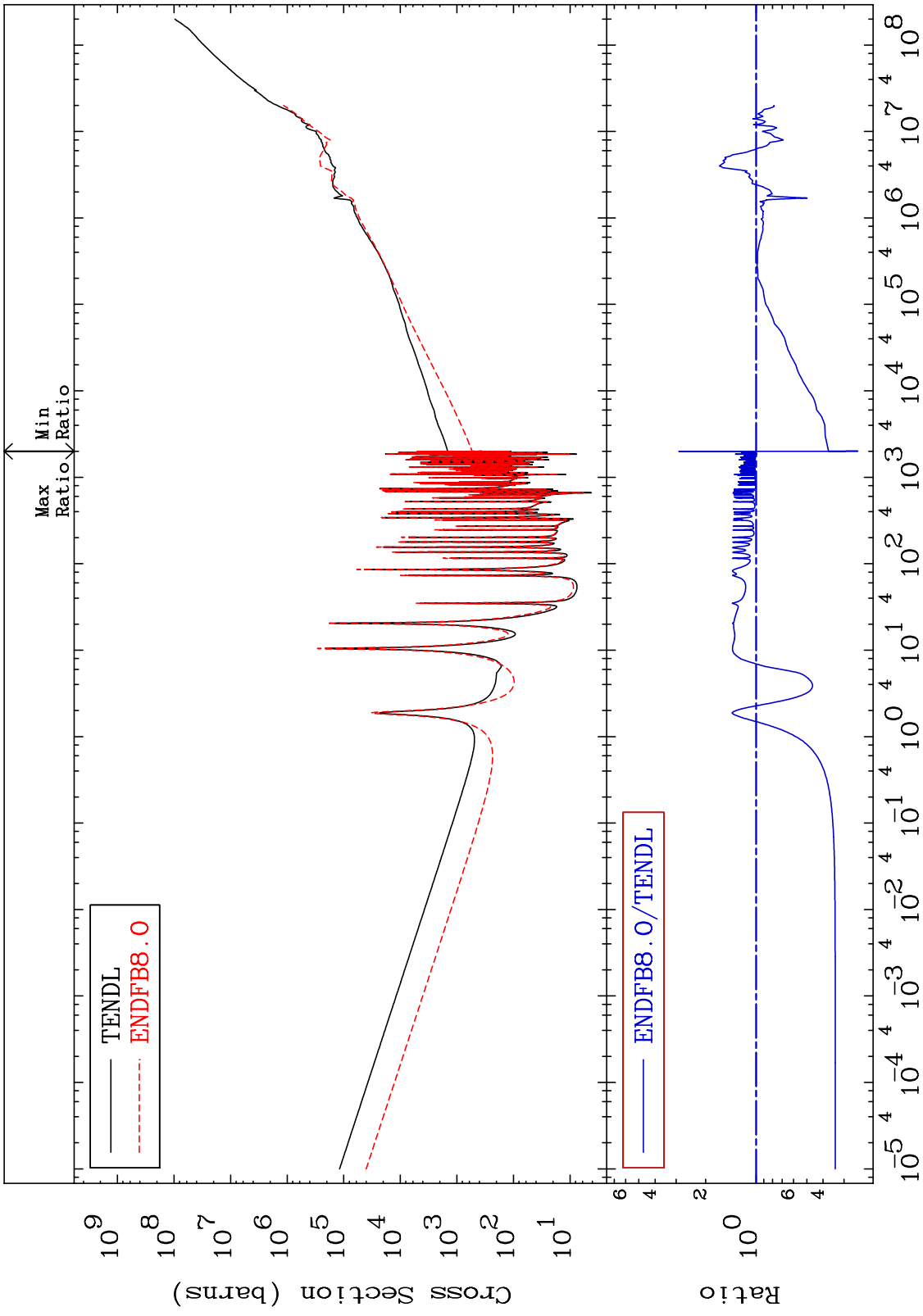
MAT 6637

He-4 Production
Cross Section

66-Dy-160
-28.48 To 1275. %



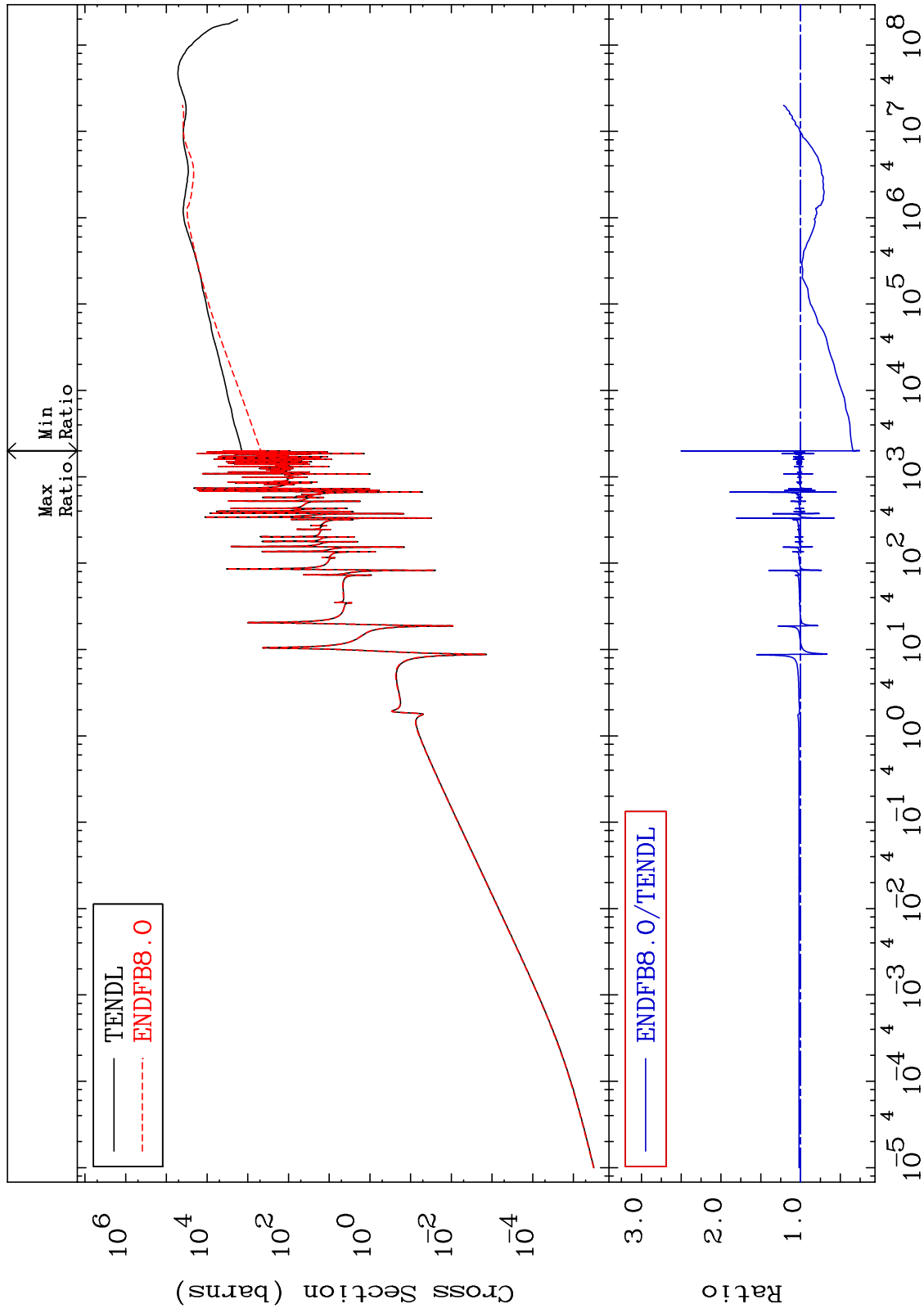
MAT 6637 Kerma total (eV-barns) Cross Section 66-Dy-160 -75.18 To 188.1 %



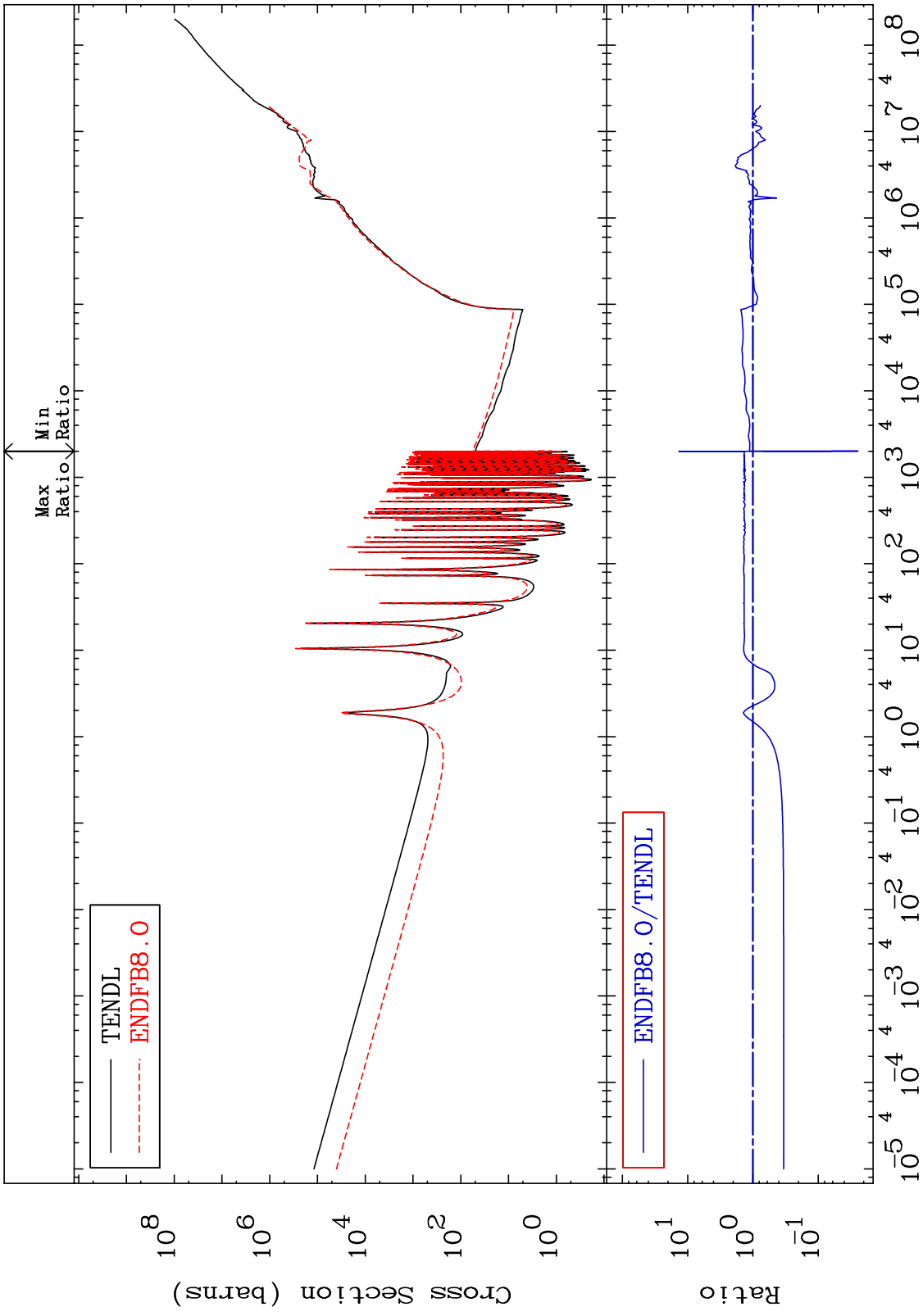
MAT 6637

Kerma elastic
Cross Section

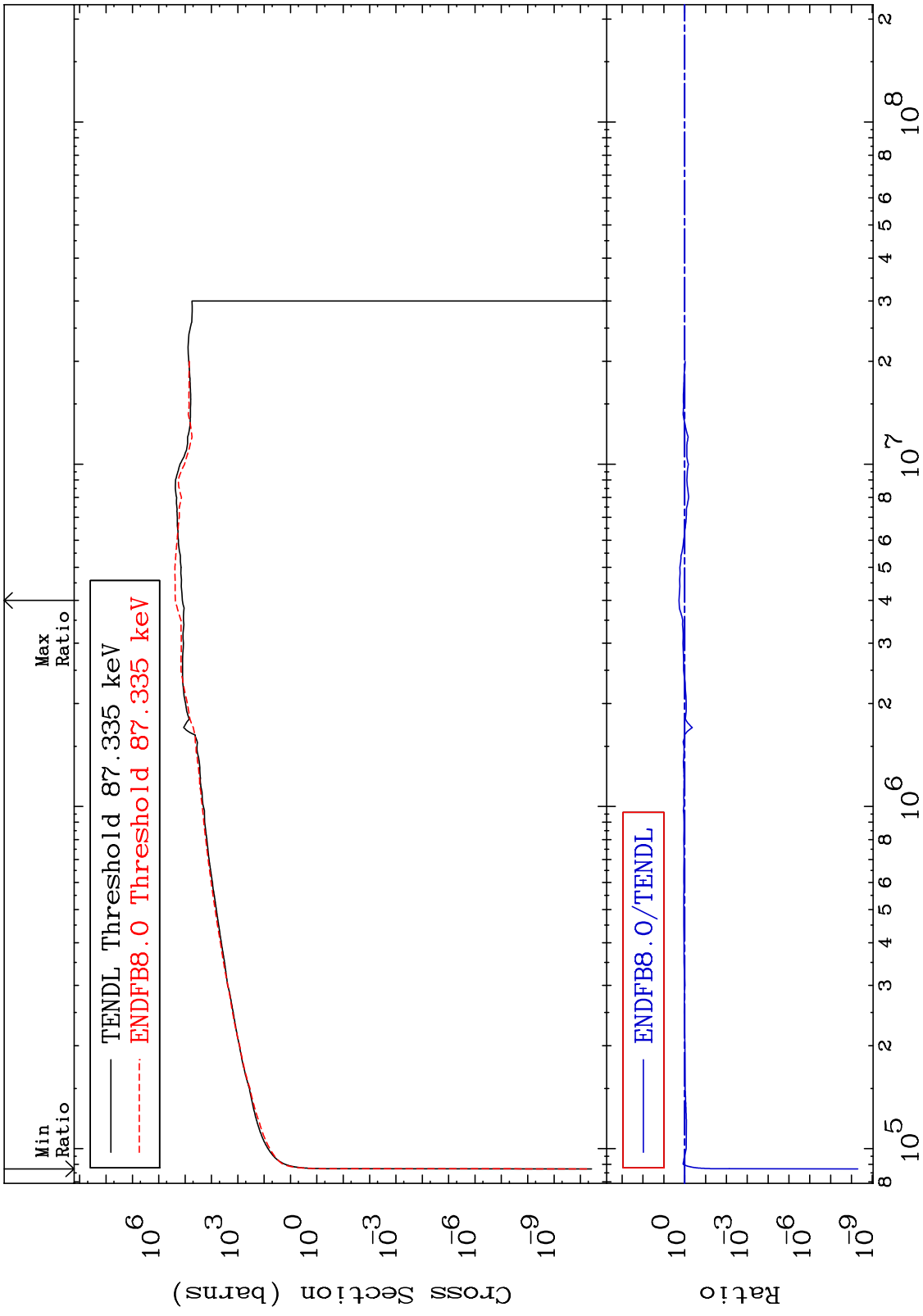
66-Dy-160
-74.42 To 149.9 %



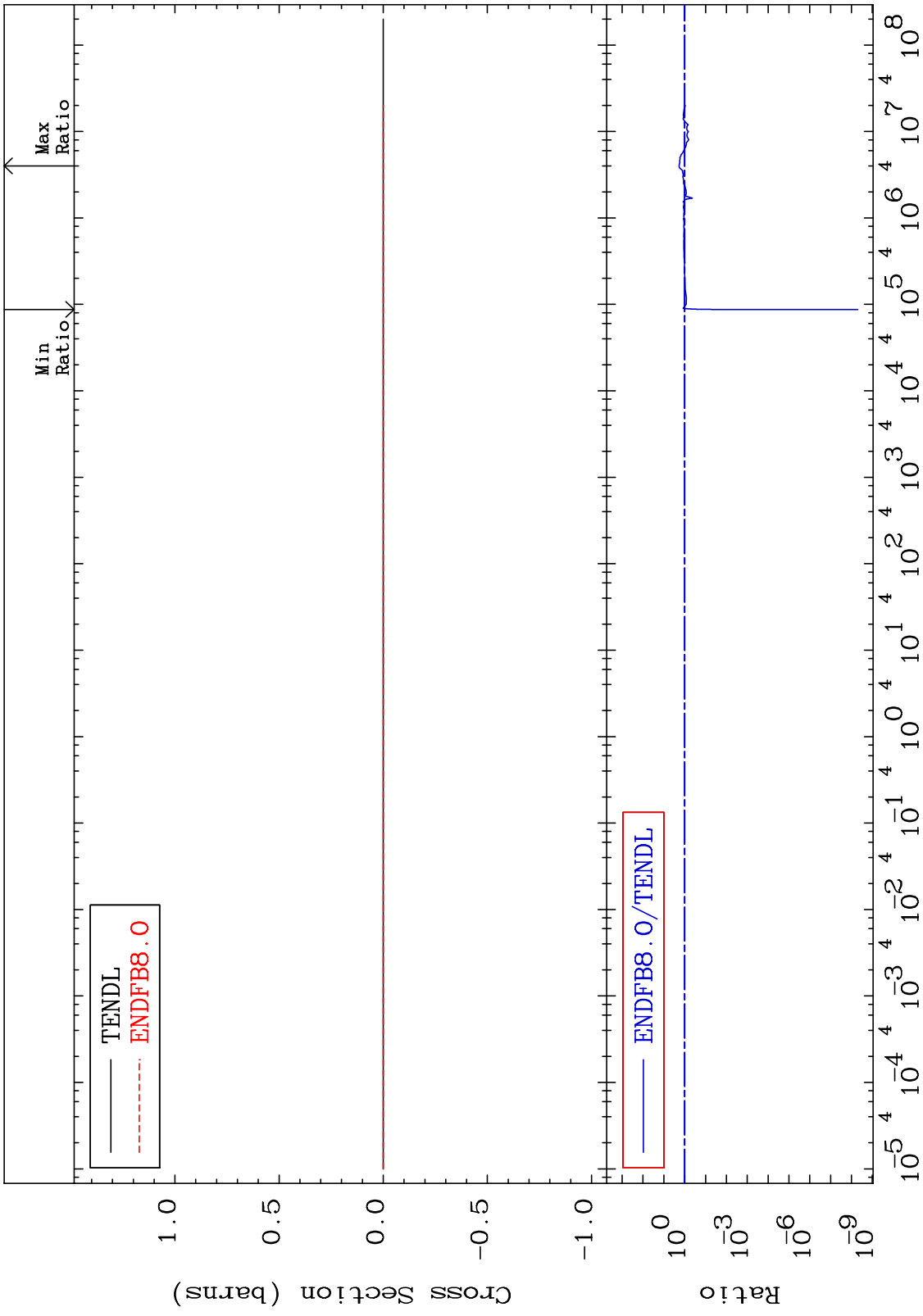
MAT 6637 Kerma non-elastic (all but mt2) 66-Dy-160
 Cross Section -97.53 To 1255. %



MAT 6637 Kerma inelastic (mt51-91) 66-Dy-160
 -100.0 To 86.76 % Cross Section



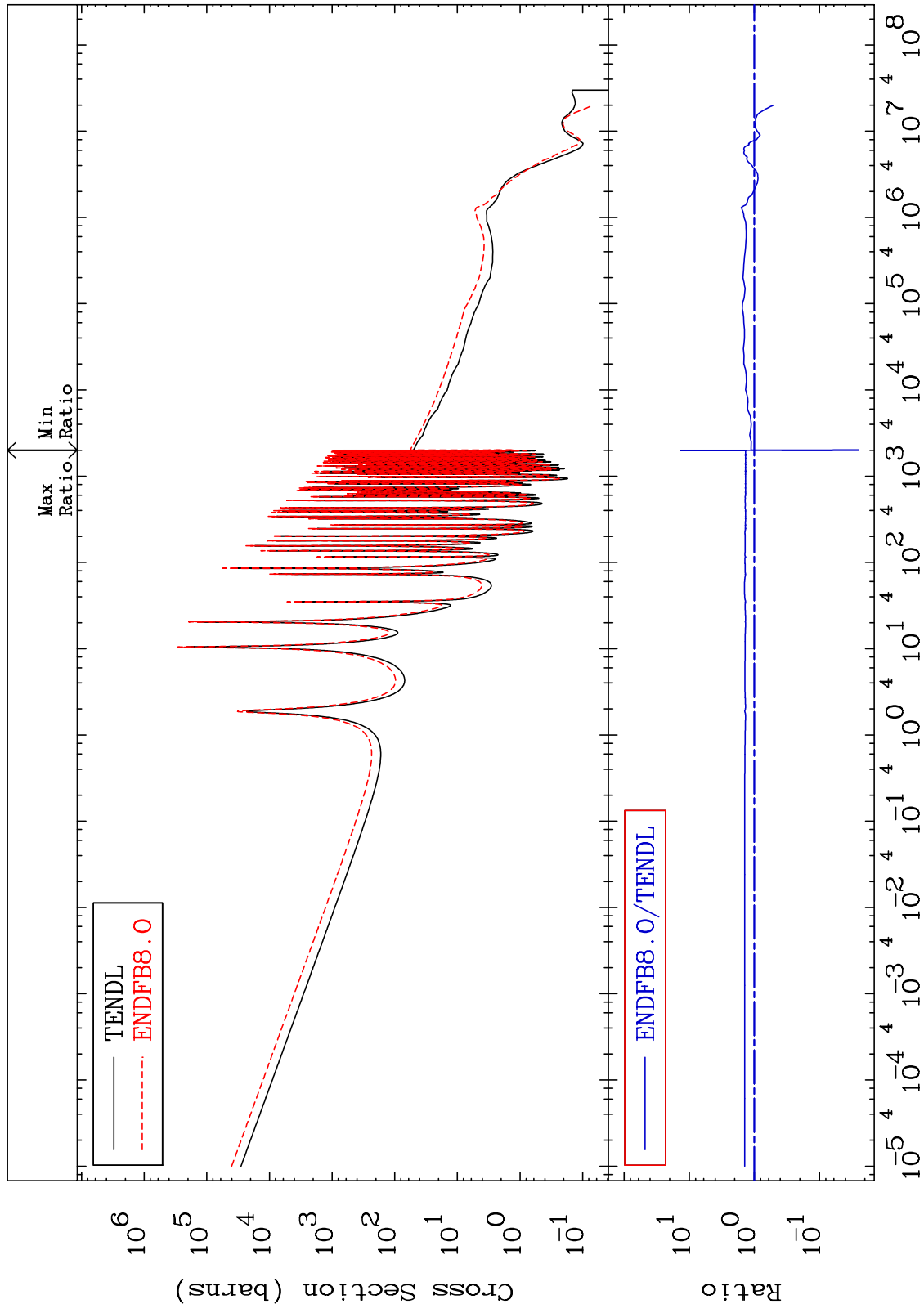
MAT 6637 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-160
 Cross Section -100.0 To 86.76 %



MAT 6637

Kerma capture (mt102)
Cross Section

66-Dy-160
-97.53 To 1255. %



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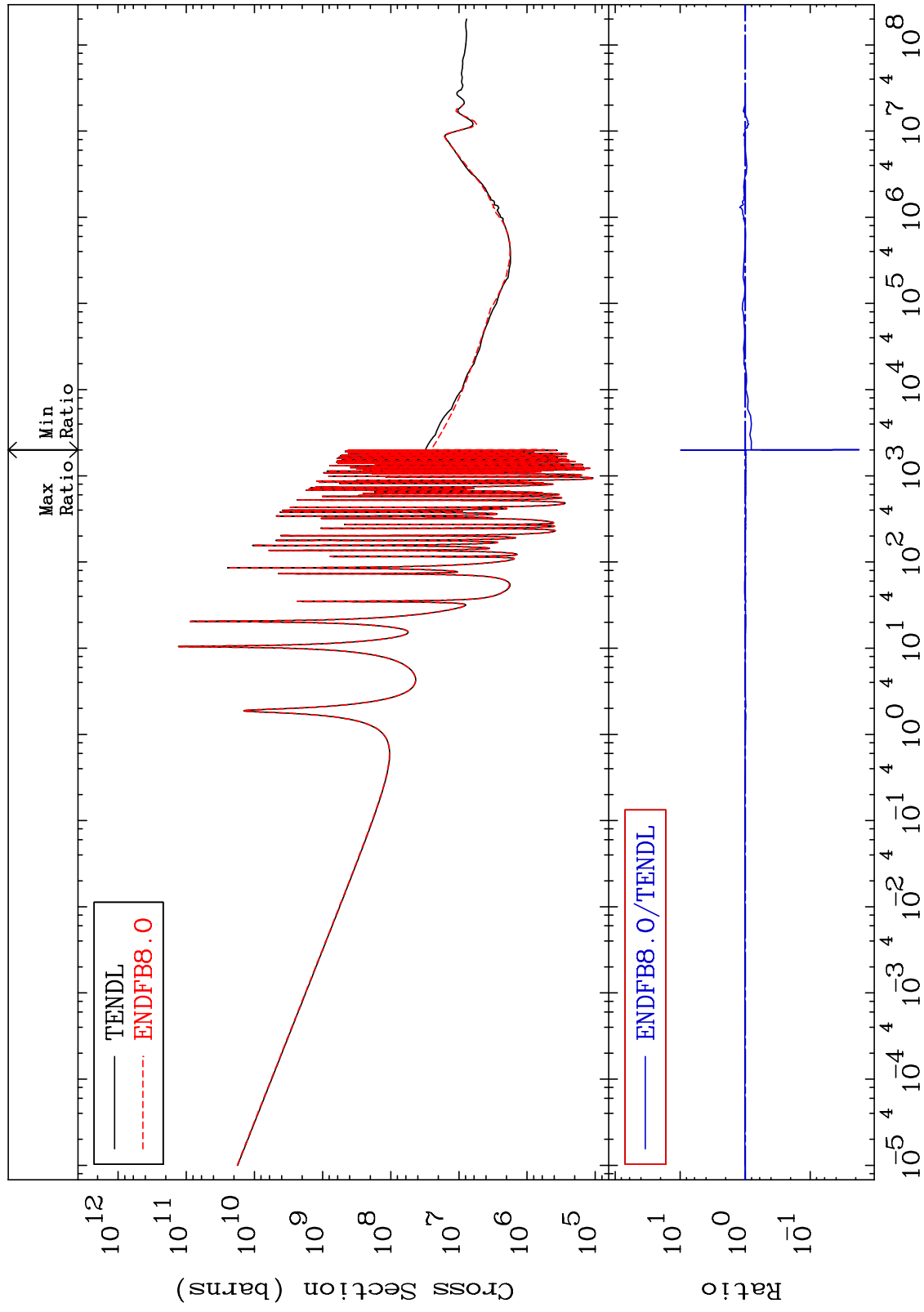
Incident Energy (eV)

66-Dy-160

MAT 6637

Total photon (eV-barns)
Cross Section

66-Dy-160
-98.22 To 875.3 %

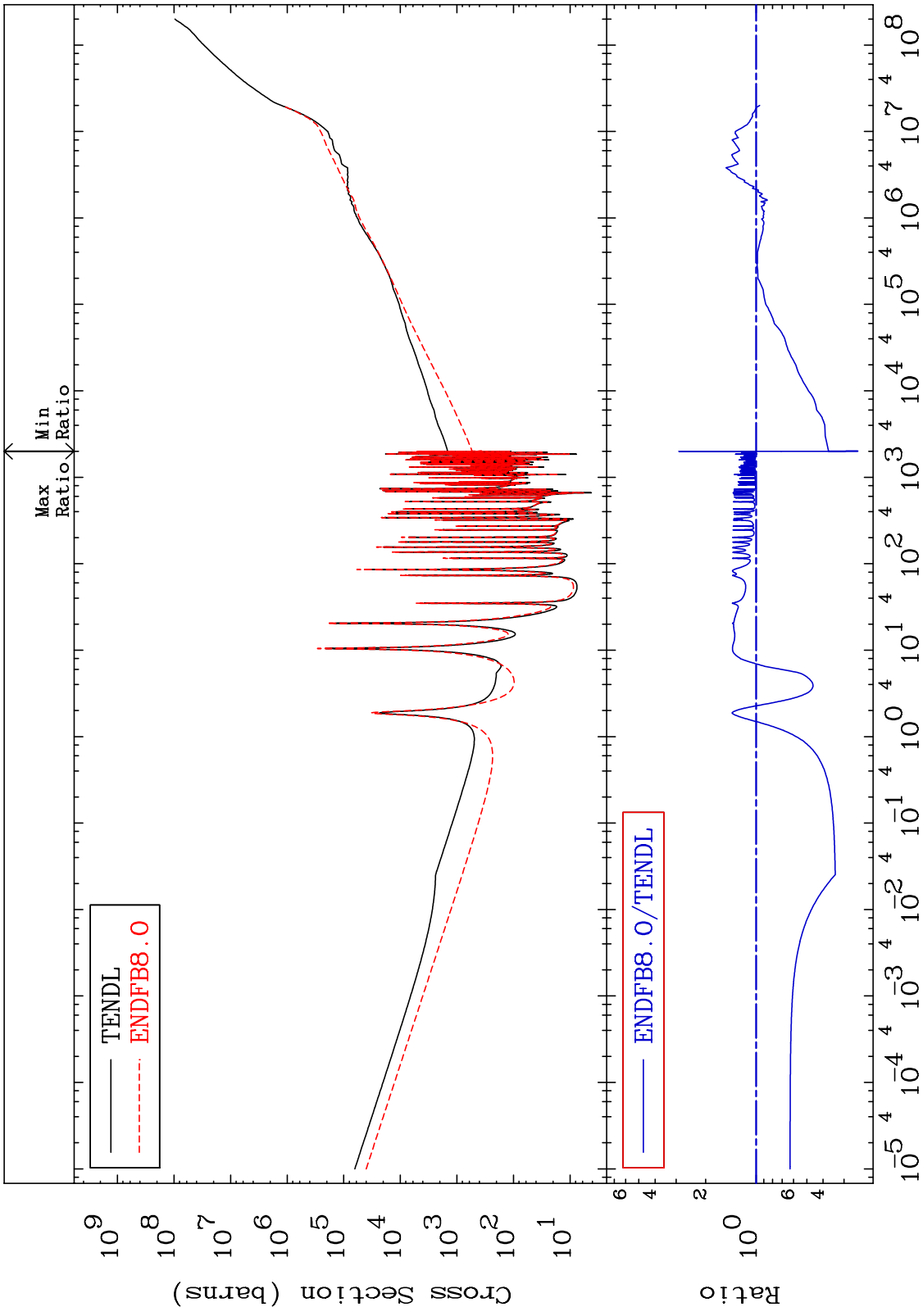


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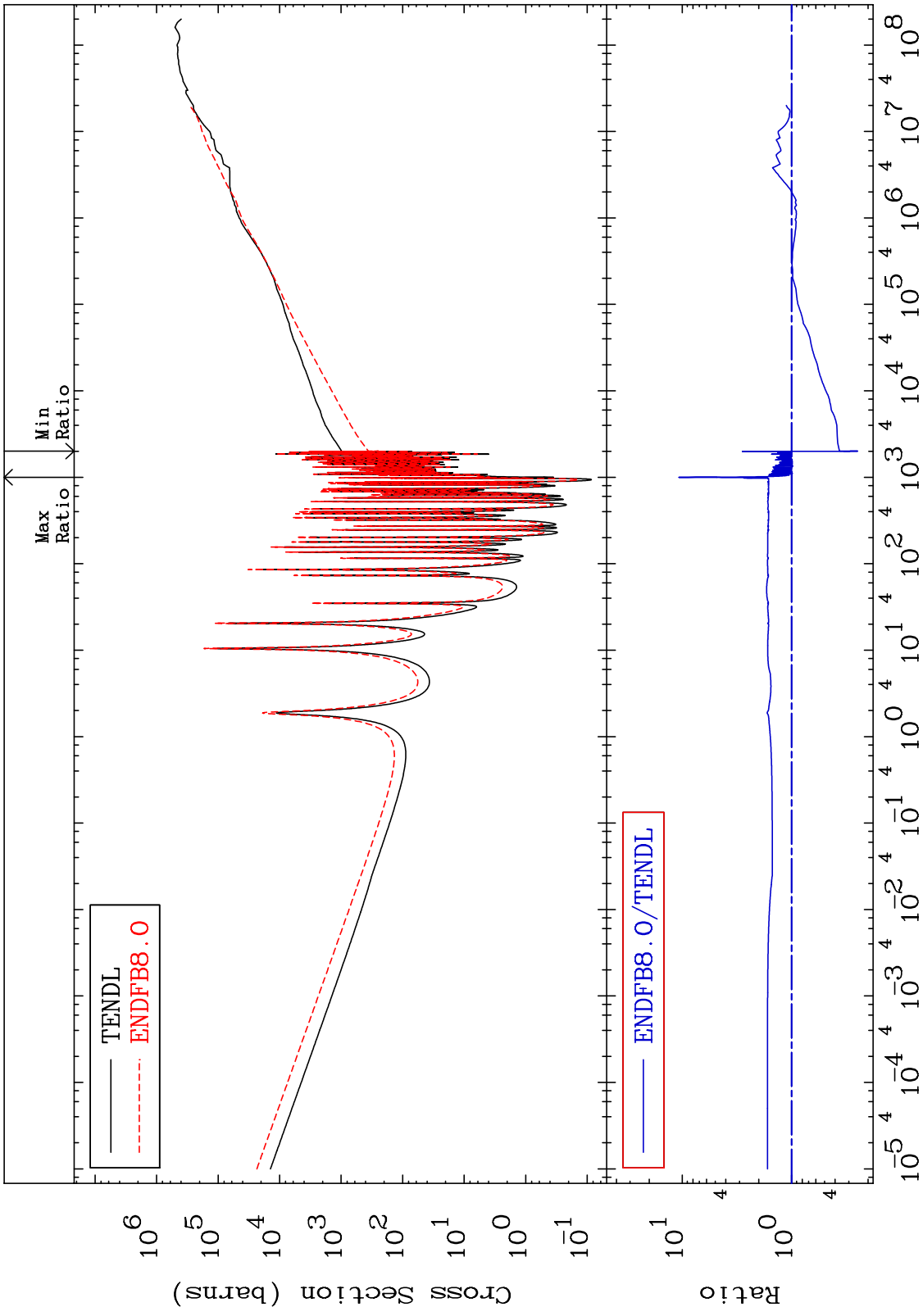
Incident Energy (eV)

66-Dy-160

MAT 6637 Total kinematic kerma (high limit) 66-Dy-160
 Cross Section -75.18 To 188.1 %

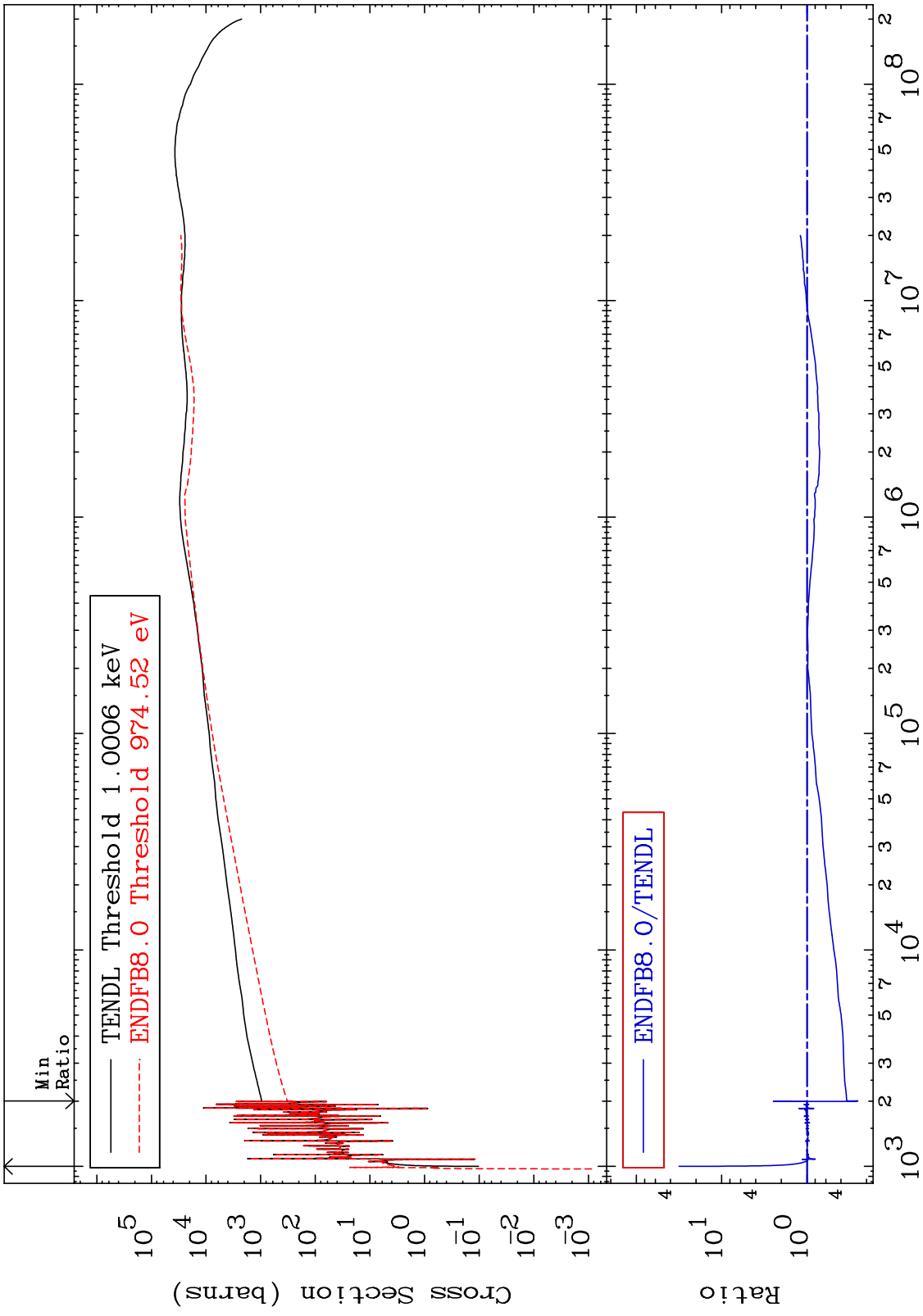


MAT 6637 Dpa total (eV-barns) 66-Dy-160
 Cross Section -75.20 To 970.1 %

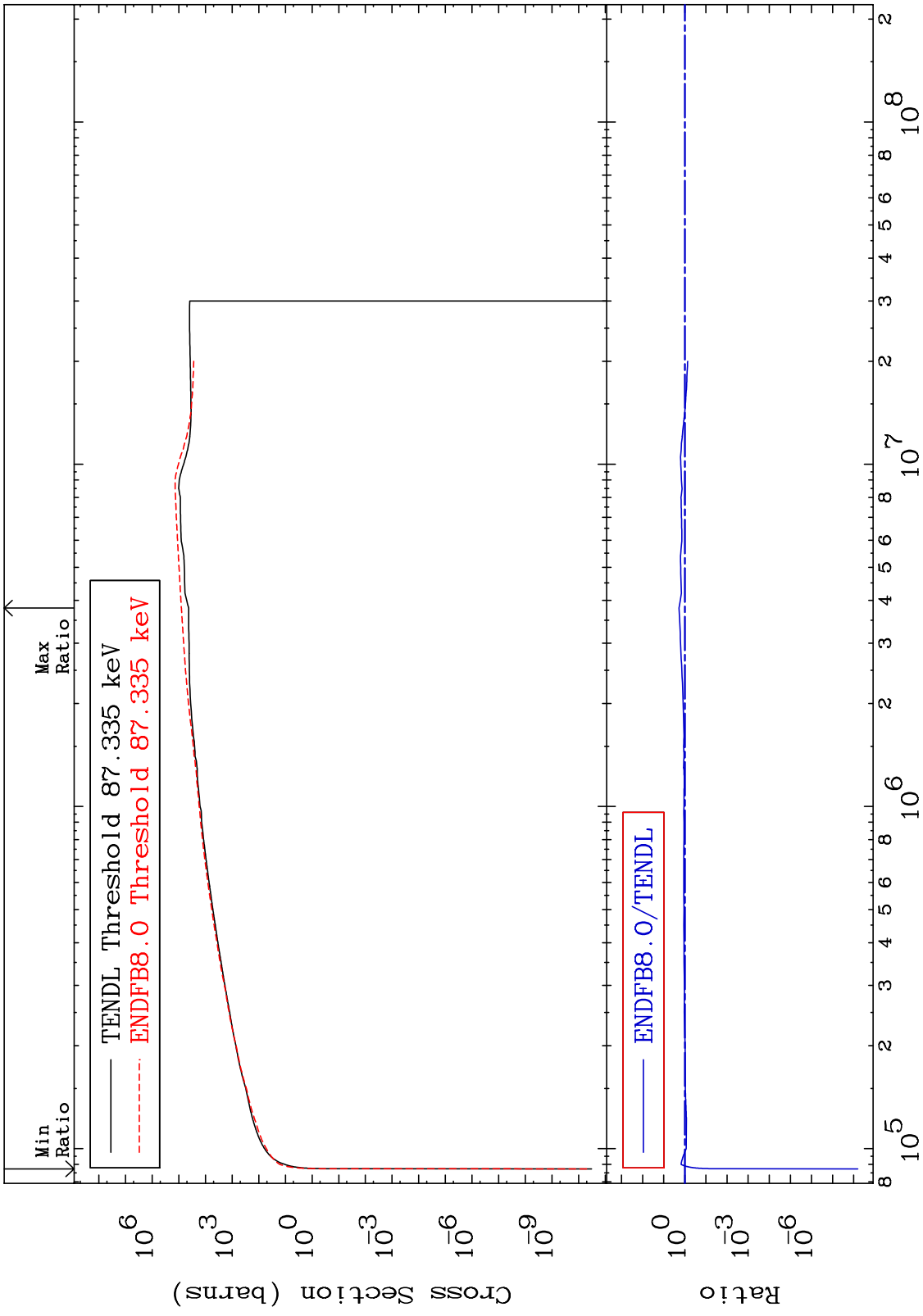


48 Incident Energy (eV) 66-Dy-160

MAT 6637 Dpa elastic (mt2) 66-Dy-160
Cross Section -74.67 To 3064. %



MAT 6637 Dpa inelastic (mt51-91) 66-Dy-160
 Cross Section -100.0 To 87.70 %



50 Incident Energy (eV) 66-Dy-160

MAT 6637 Dpa disappearance (mt102 -120) 66-Dy-160
 Cross Section -97.06 To 1515. %

