

Program Complot
(Version 2018-1)

by

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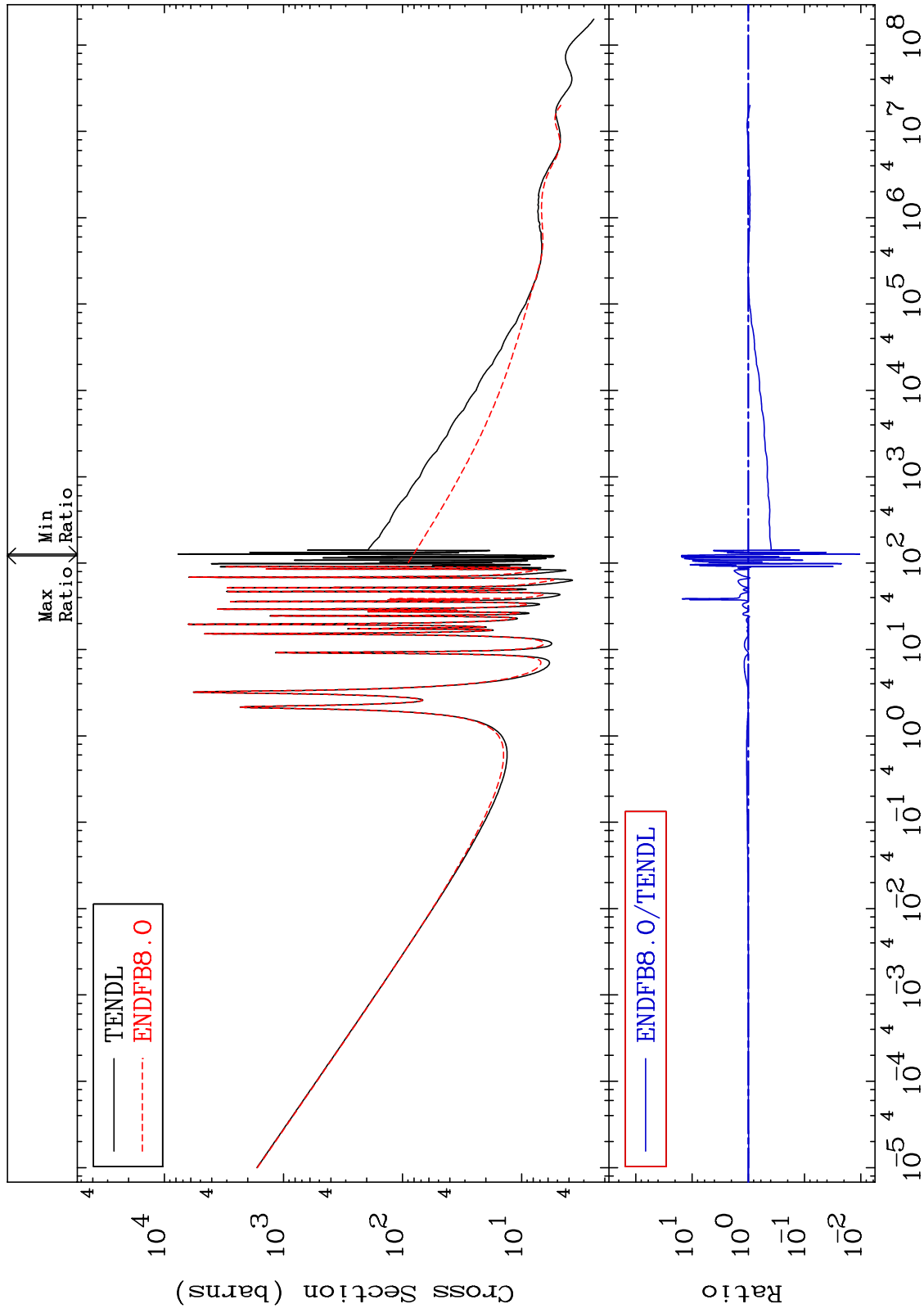
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6625

Total
Cross Section

66-Dy-156
-98.95 To 1454. %



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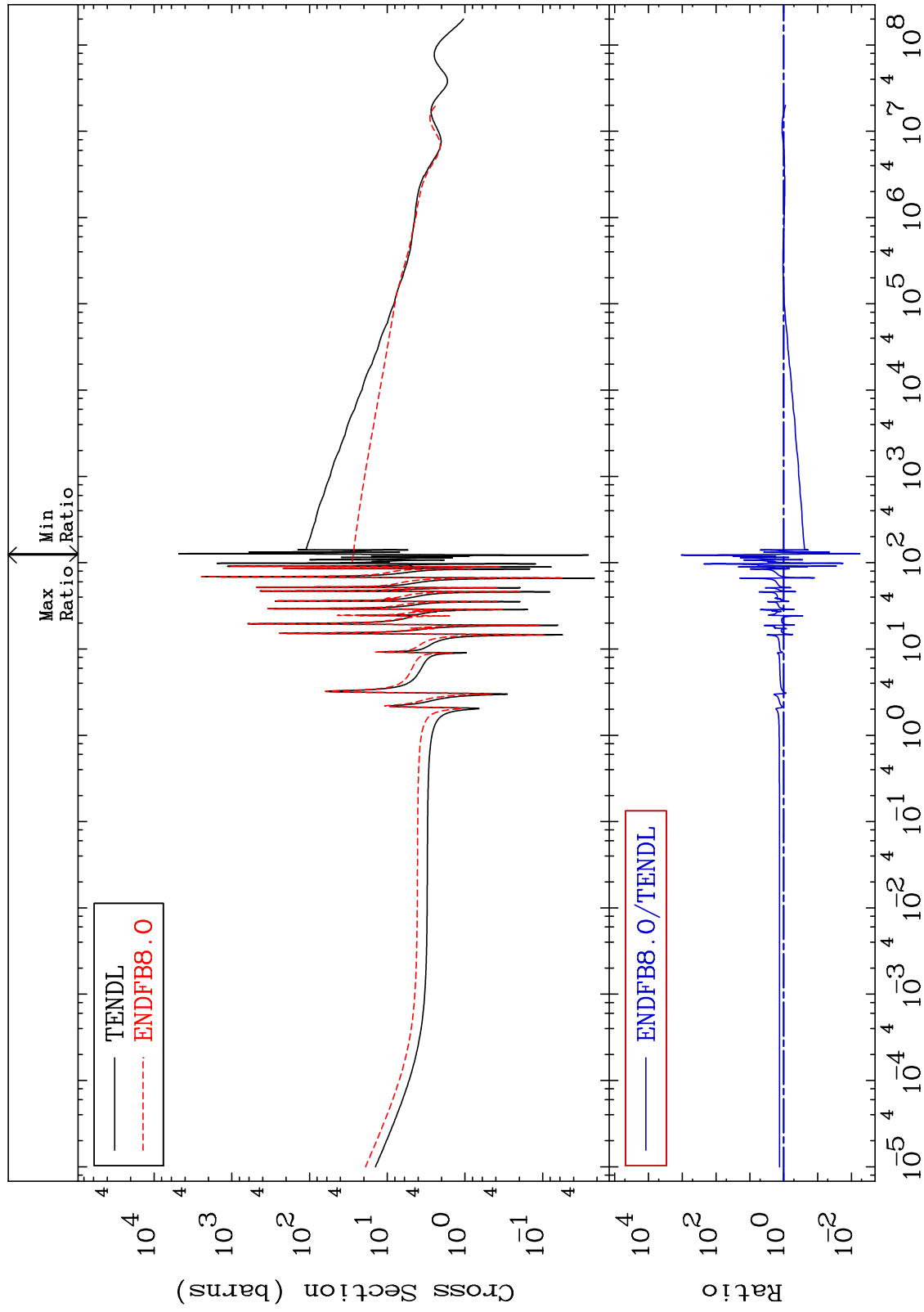
Incident Energy (eV)

66-Dy-156

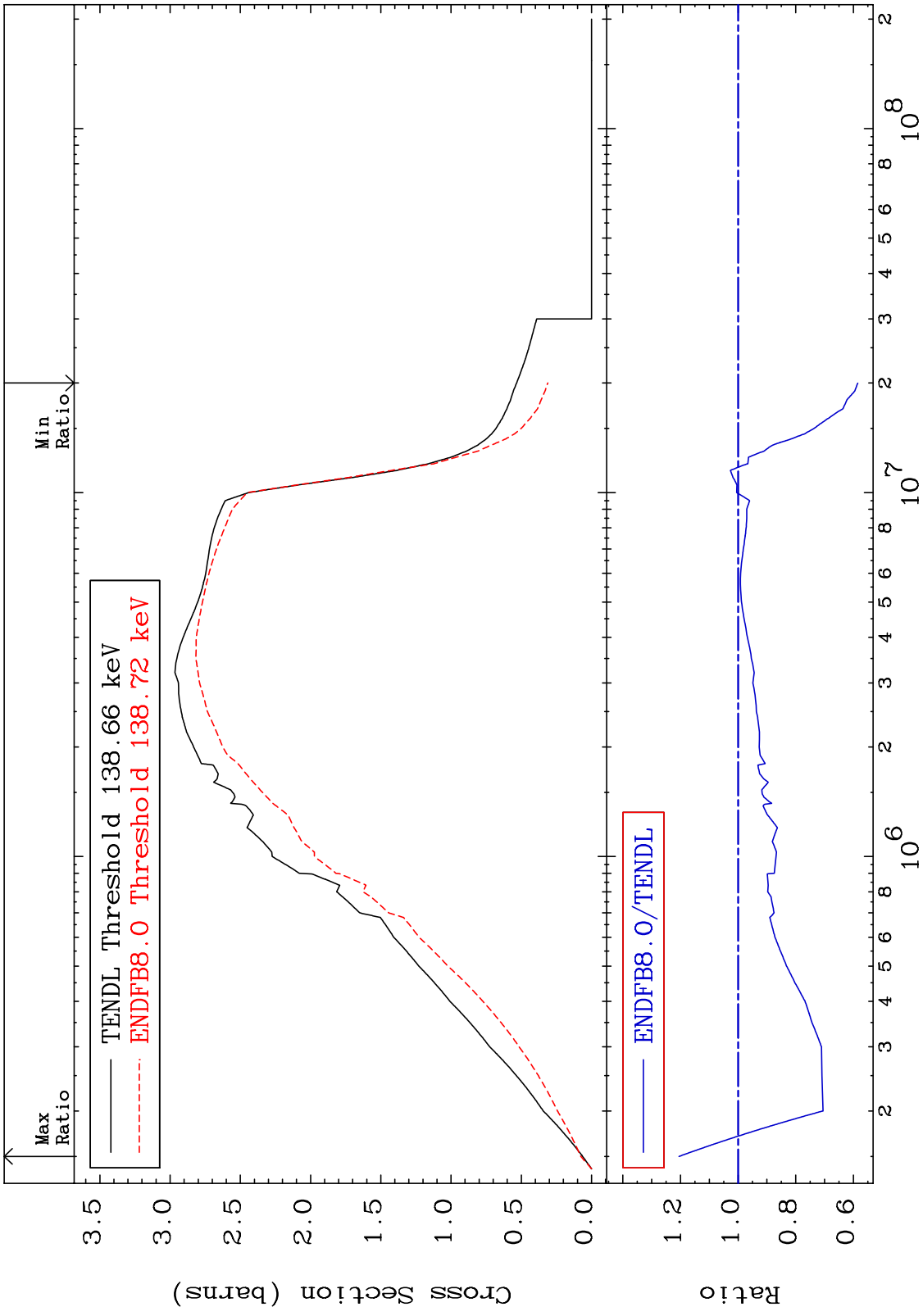
MAT 6625

Elastic
Cross Section

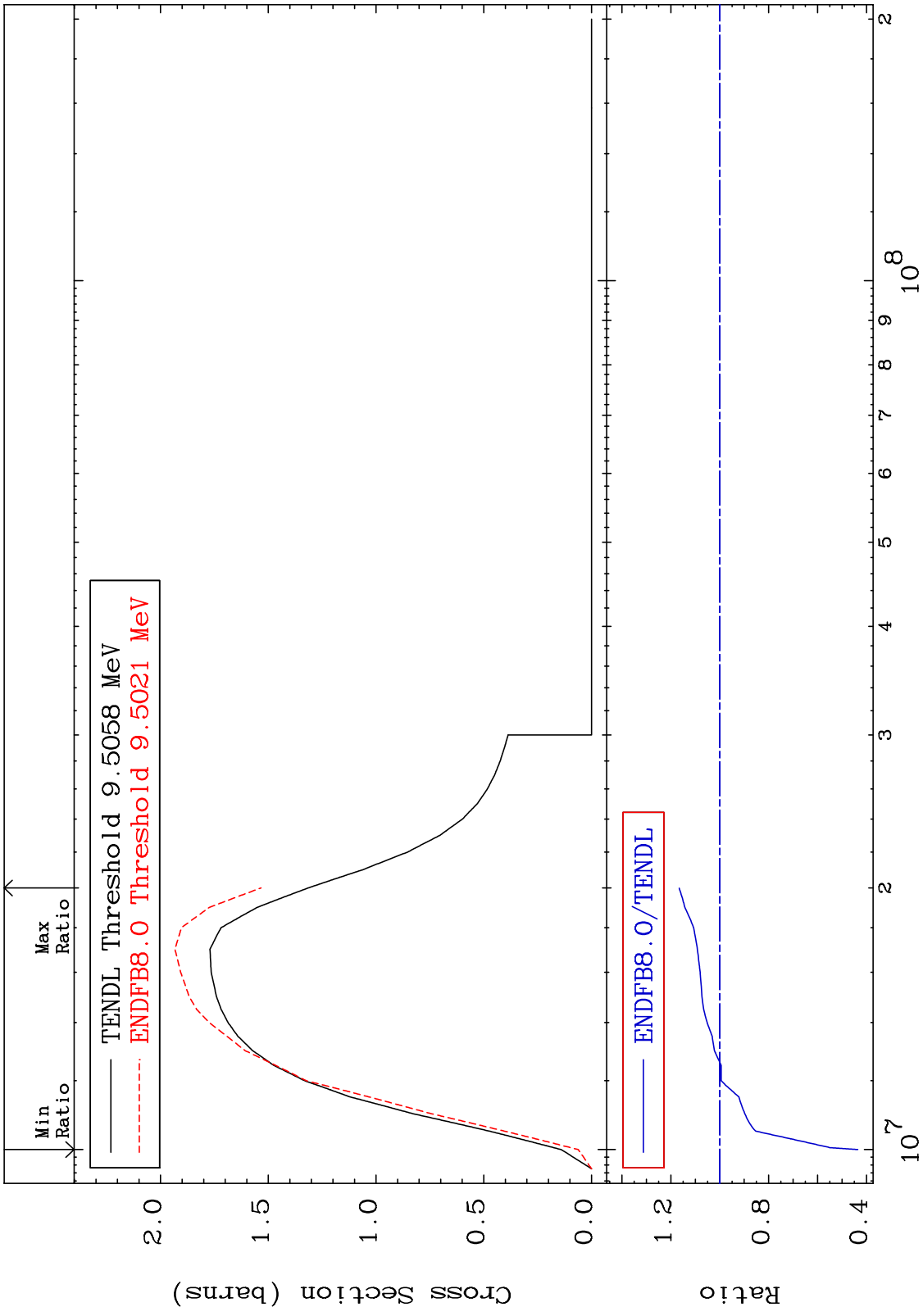
66-Dy-156
-99.44 To 9999. %



MAT 6625 Inelastic Cross Section 66-Dy-156 -41.56 To 20.51 %

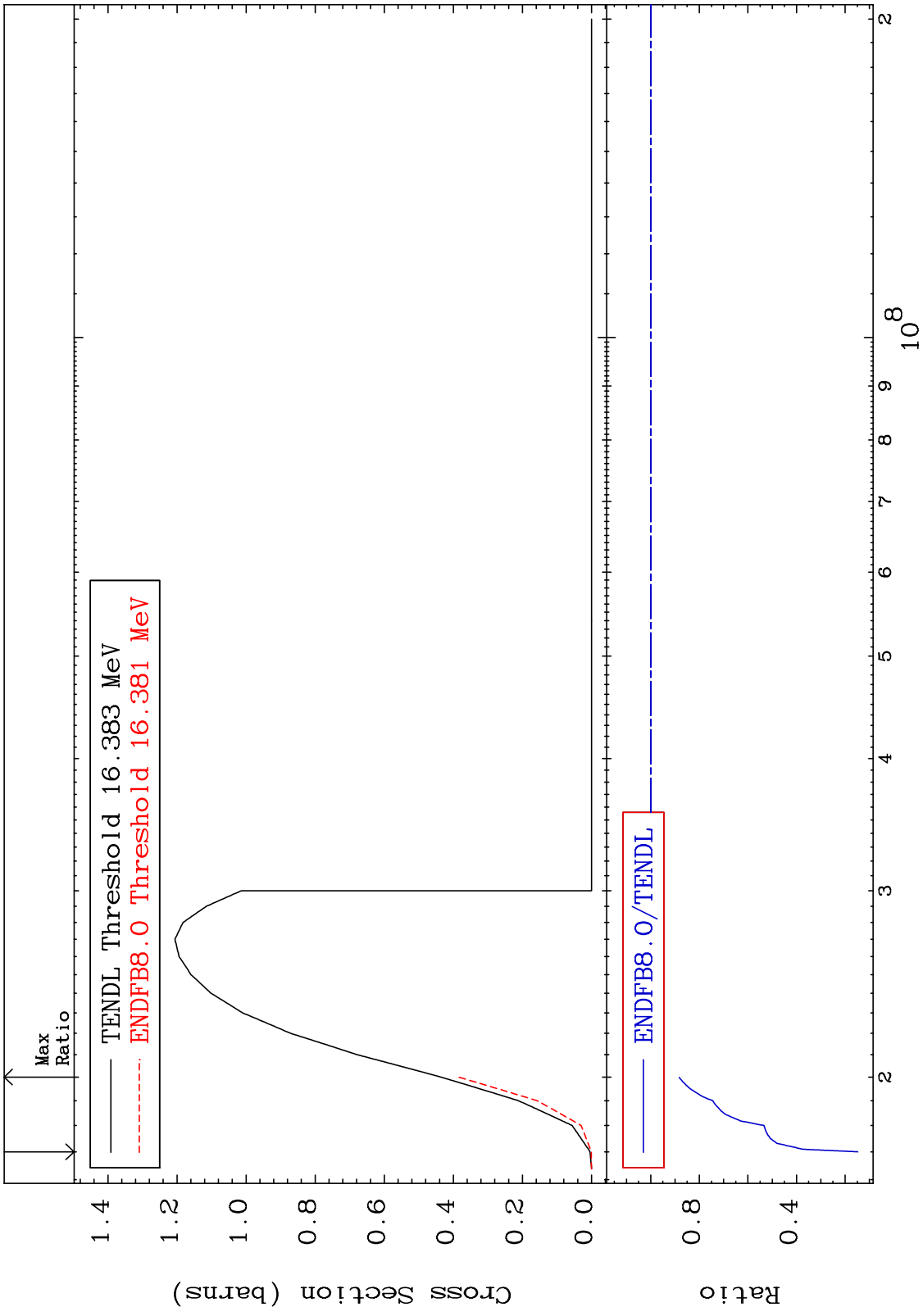


MAT 6625 (n,2n) Cross Section 66-Dy-156 -56.46 To 16.65 %



4 Incident Energy (eV) 66-Dy-156

MAT 6625 (n,3n) Cross Section 66-Dy-156 -85.24 To -11.66%



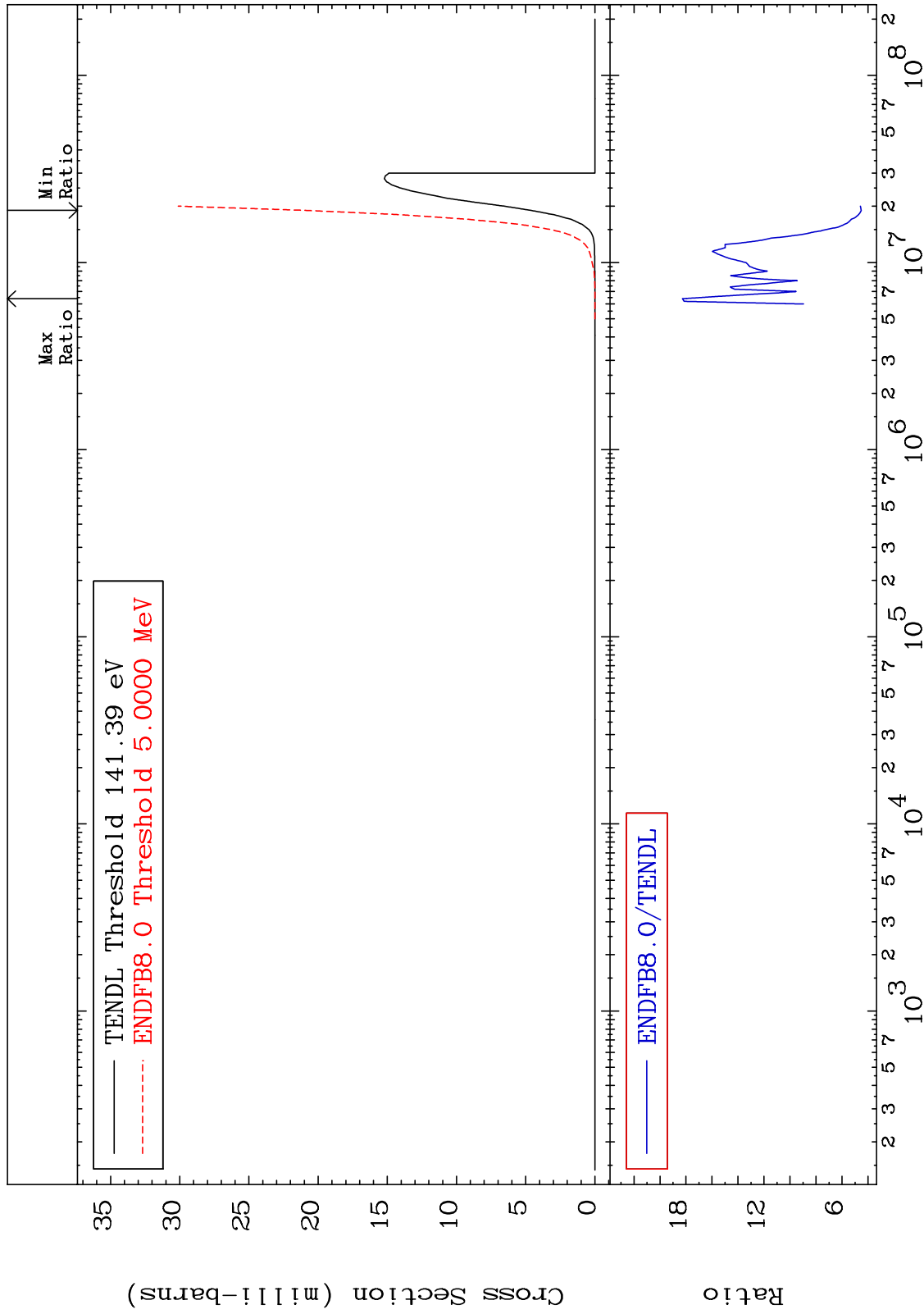
MAT 6625

(n, n') α

66-Dy-156

Cross Section

351.8 To 1727. %



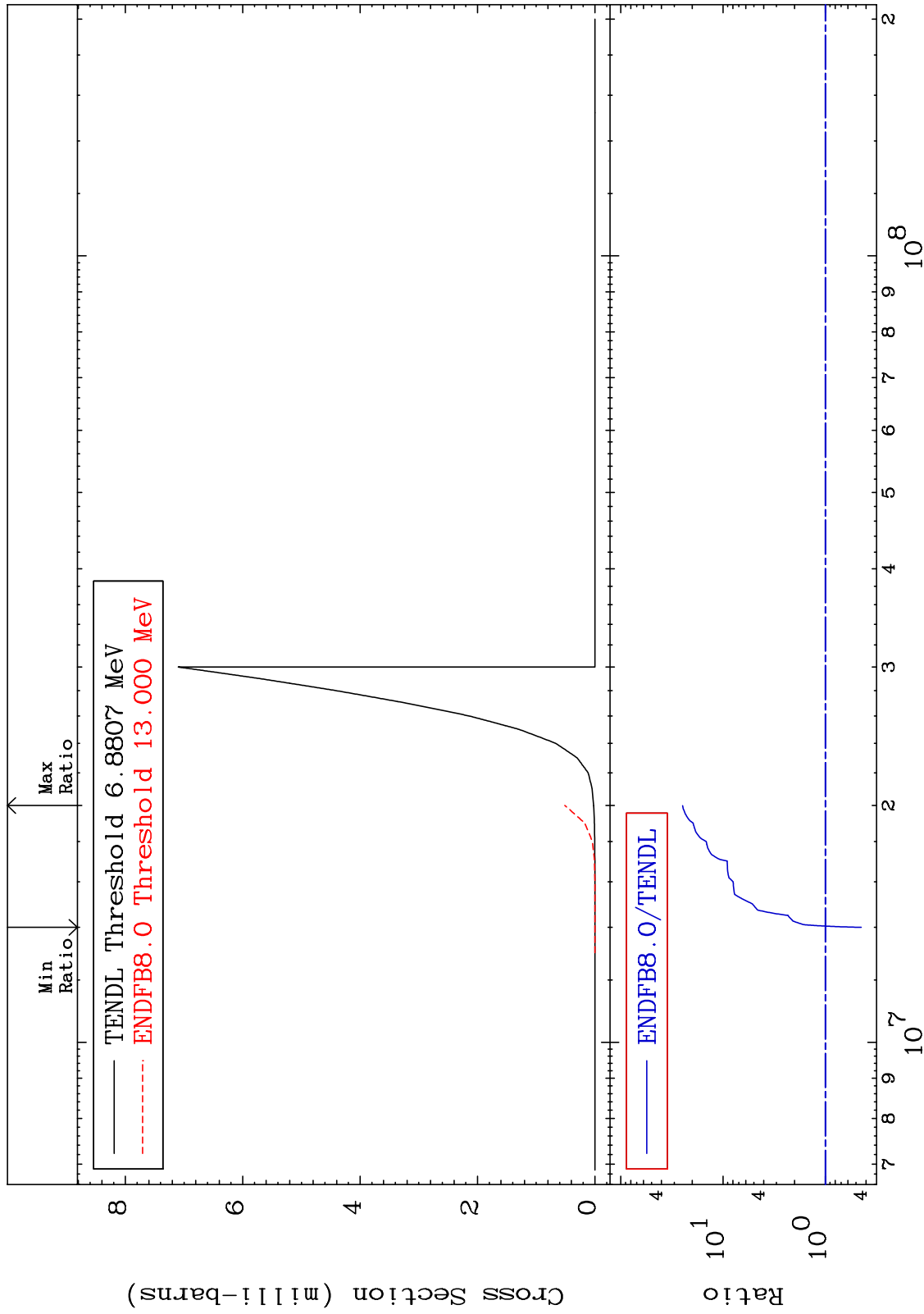
MAT 6625

(n,2n) α

66-Dy-156

Cross Section

-55.53 To 2394. %



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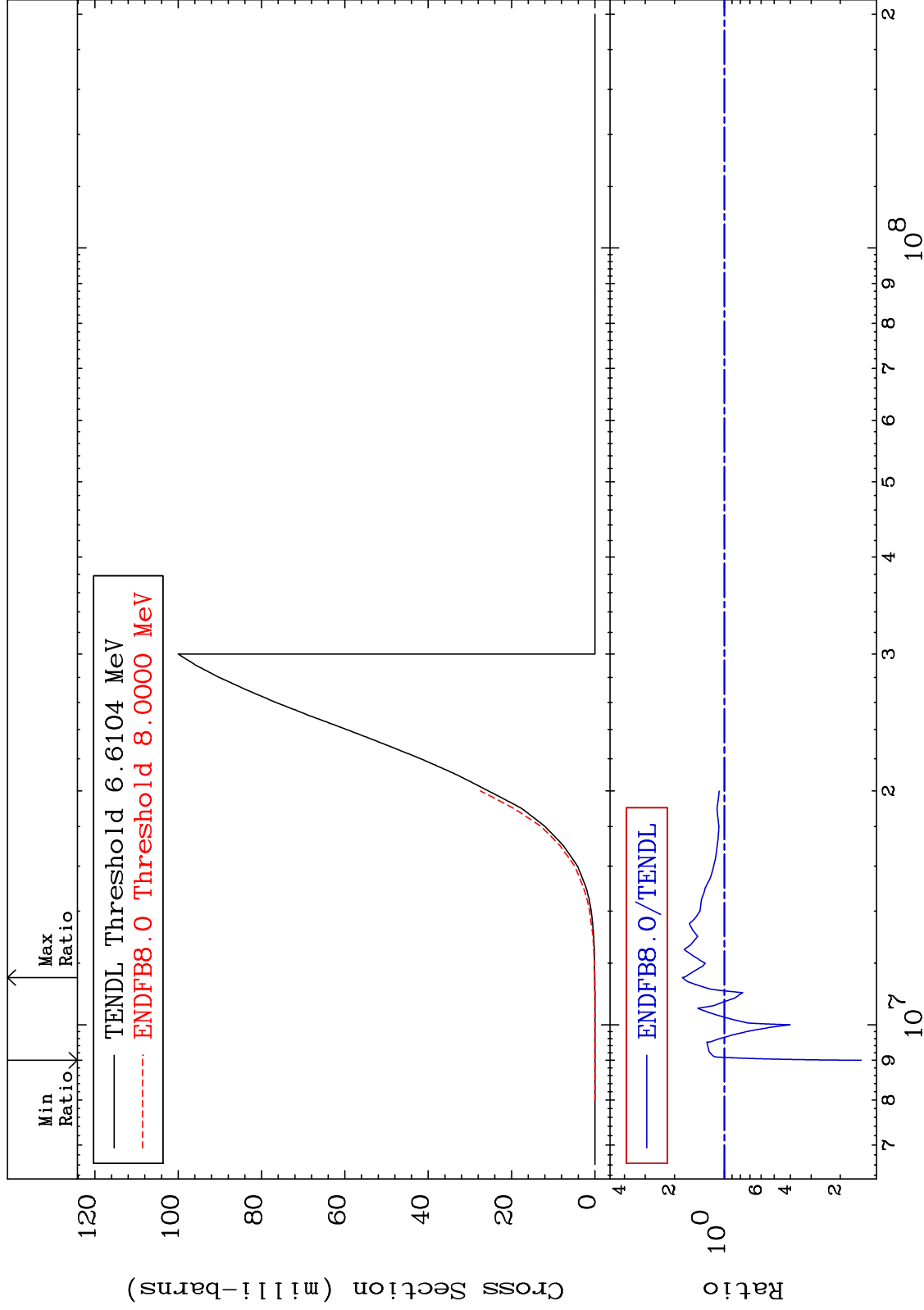
Incident Energy (eV)

66-Dy-156

MAT 6625

(n,n') p
Cross Section

66-Dy-156
-85.06 To 78.86 %

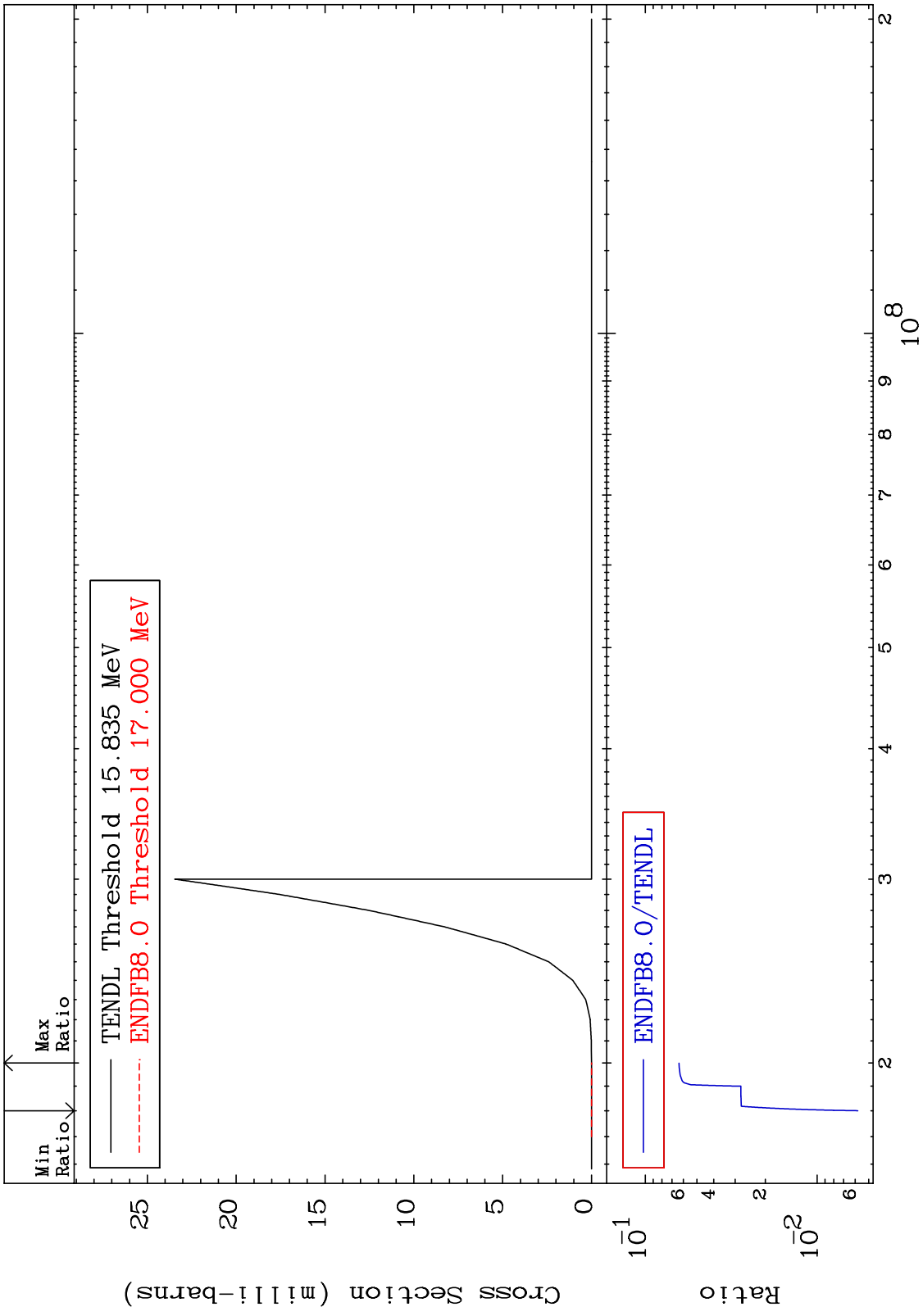


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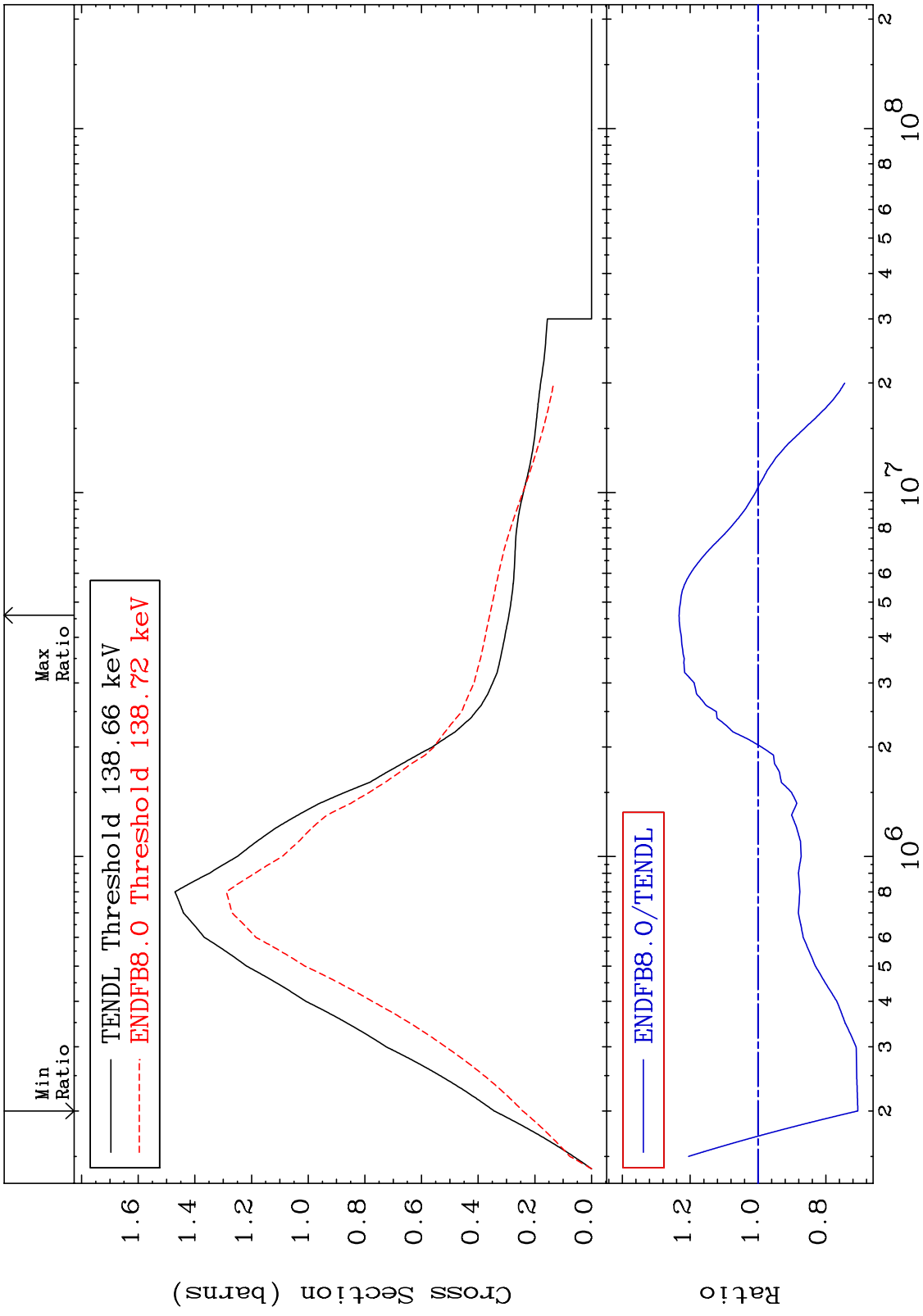
Incident Energy (eV)

66-Dy-156

MAT 6625 (n,2n) p 66-Dy-156
 Cross Section -99.42 To -93.64%

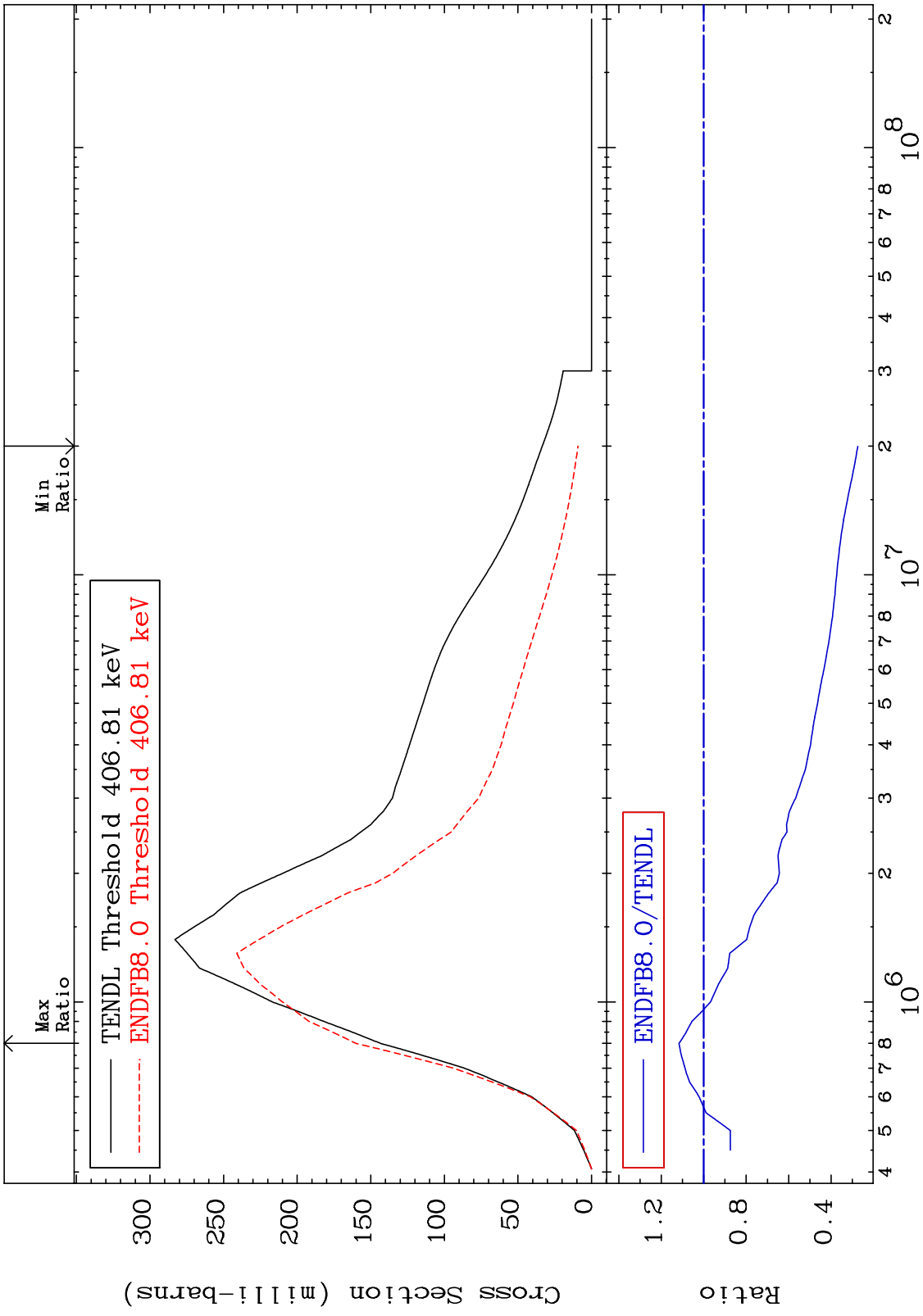


MAT 6625 MT= 51 (n,n') Level Cross Section 66-Dy-156
 -29.44 To 23.30 %

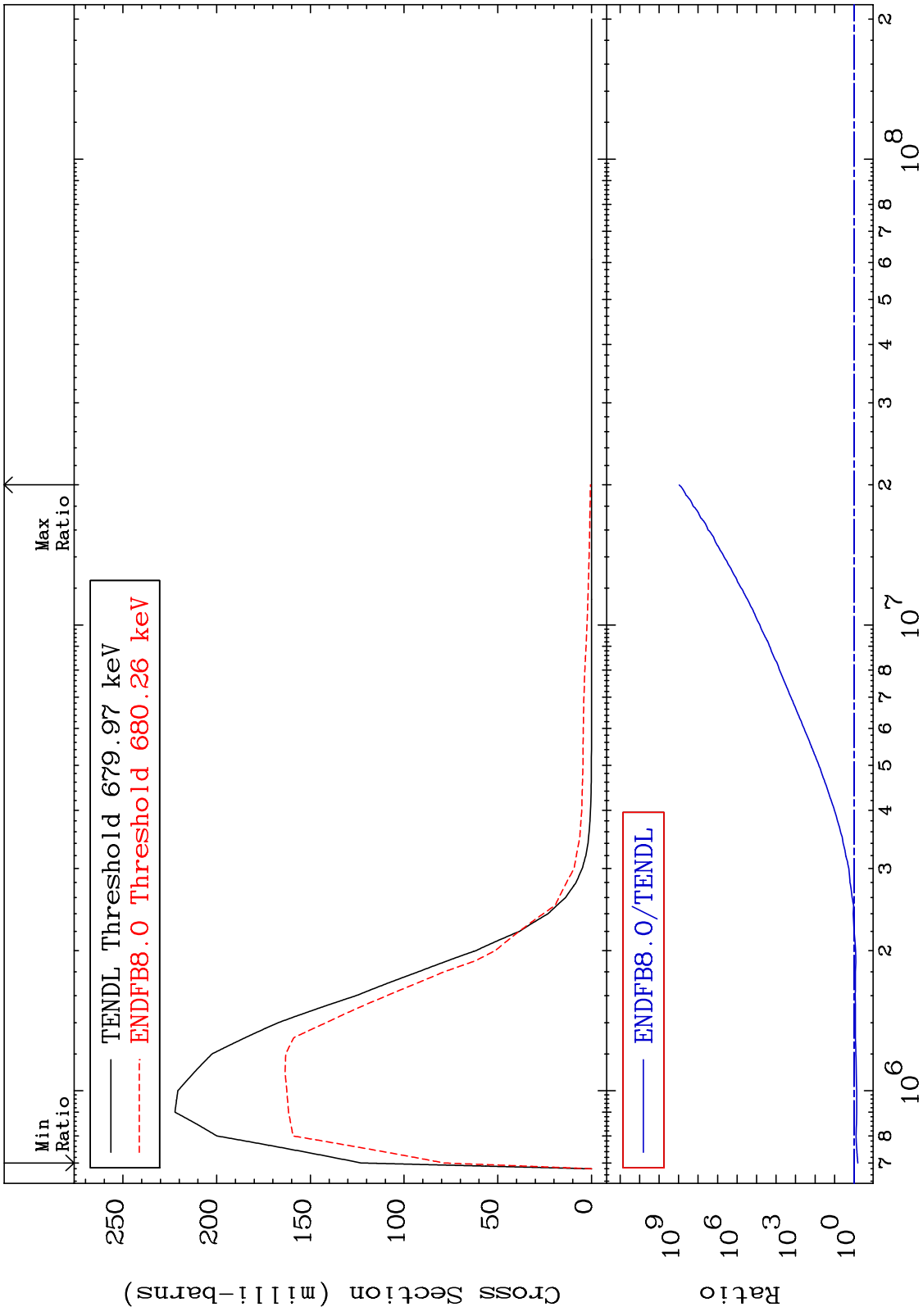


10 66-Dy-156

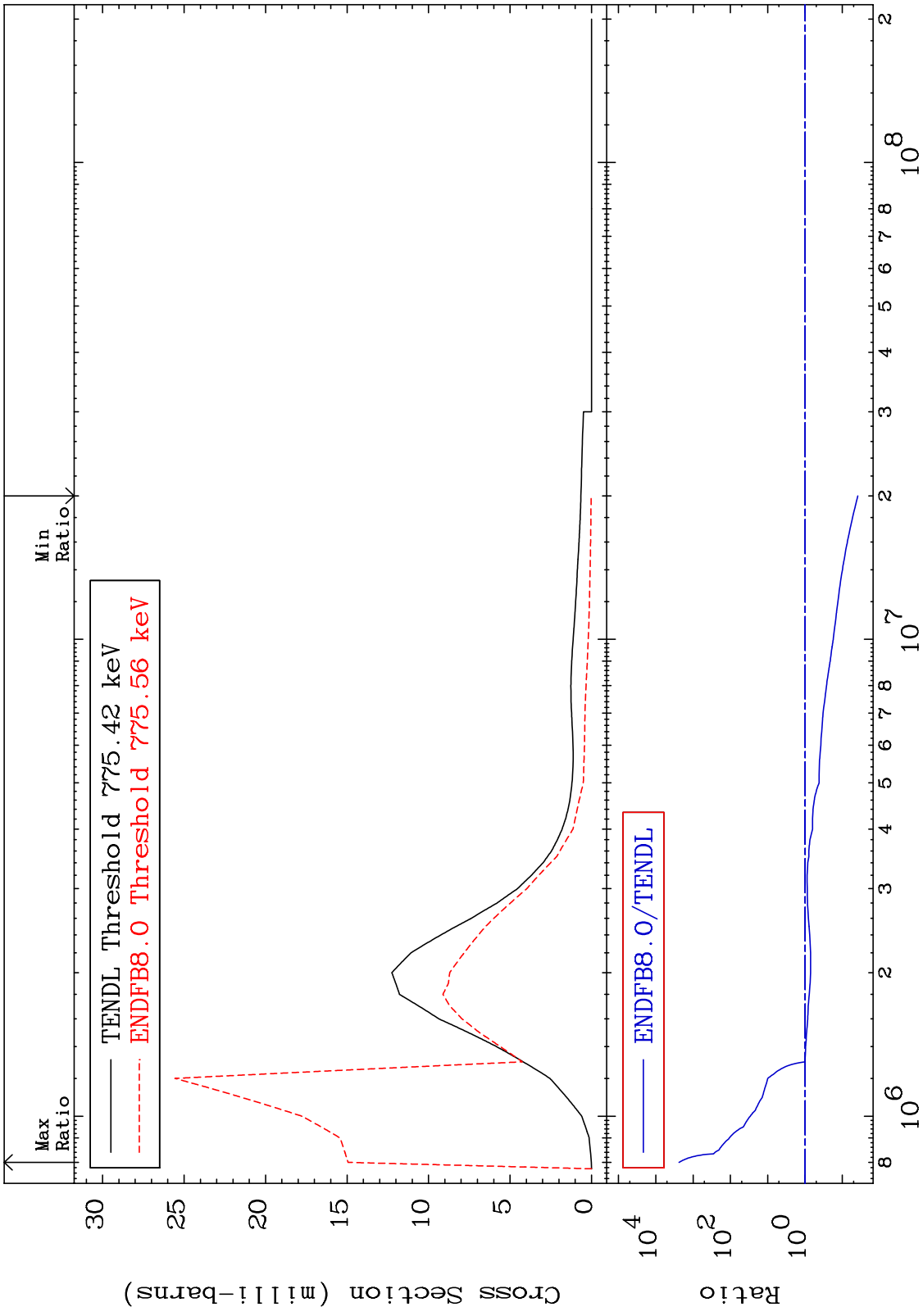
MAT 6625 MT= 52 (n,n') Level Cross Section 66-Dy-156
 -72.60 To 11.63 %



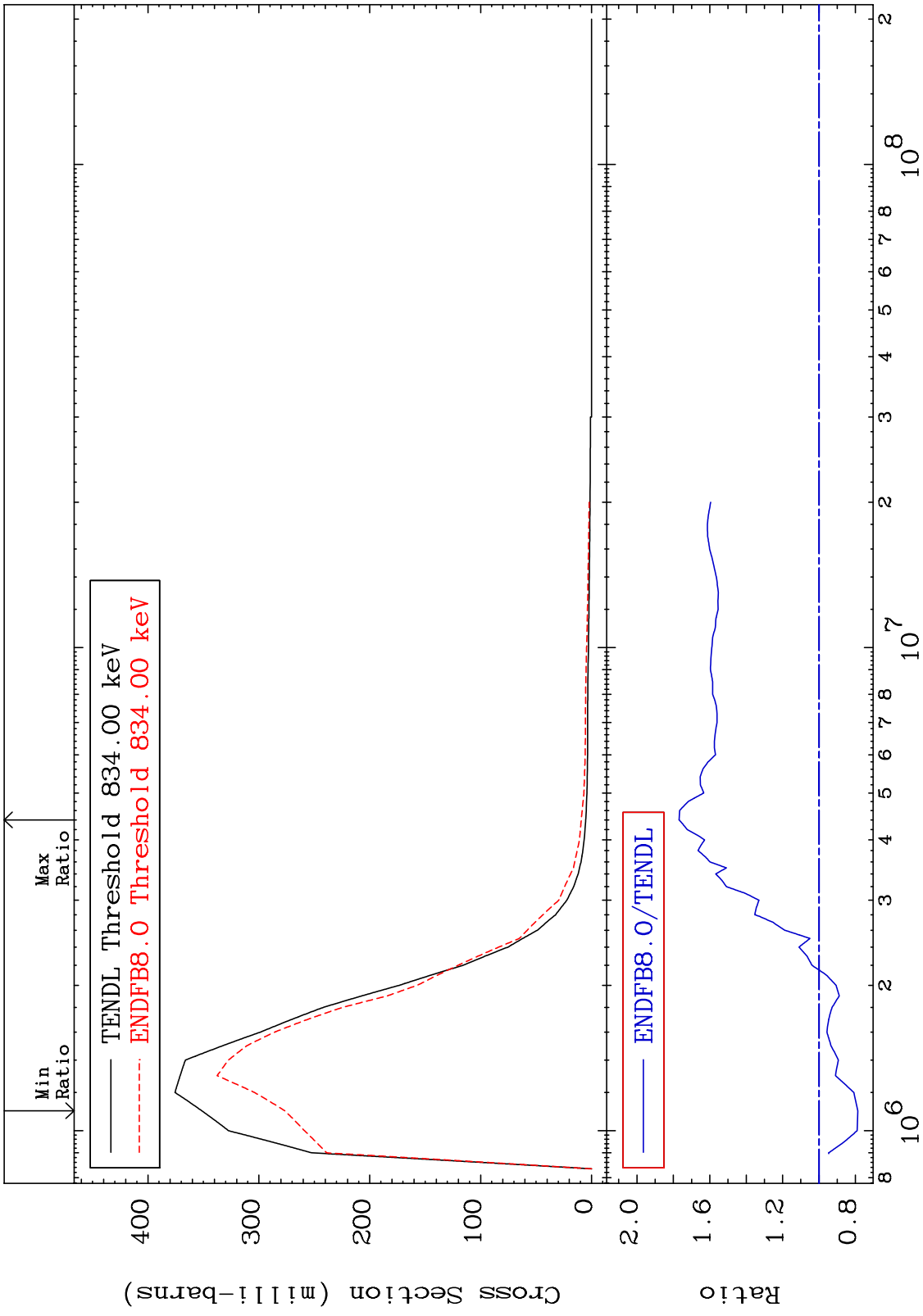
MAT 6625 MT= 53 (n,n') Level Cross Section 66-Dy-156
 -35.93 To 9999. %



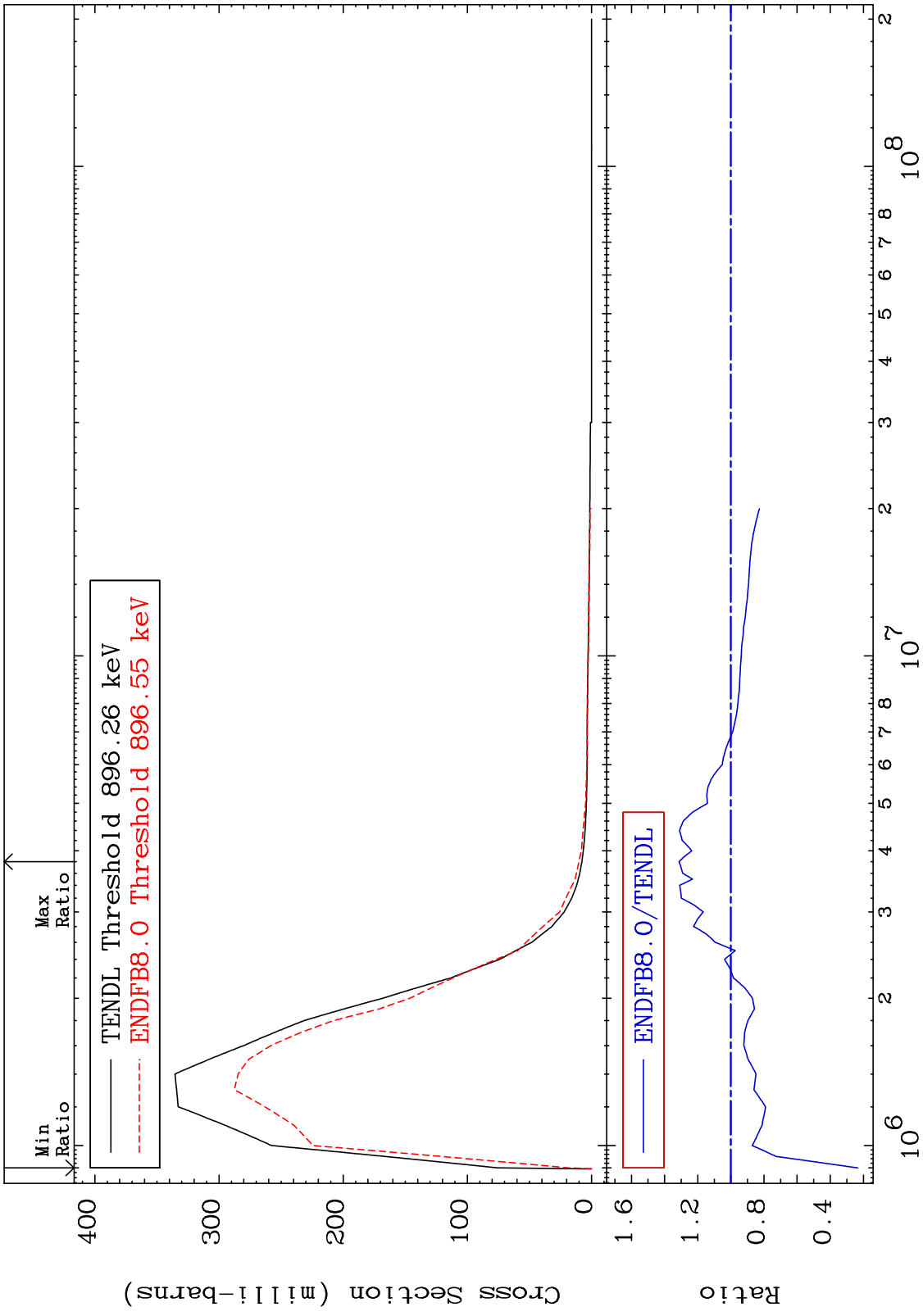
MAT 6625 MT= 54 (n,n') Level Cross Section 66-Dy-156 -96.16 To 9999. %



MAT 6625 MT= 55 (n,n') Level Cross Section 66-Dy-156
 -21.31 To 76.88 %

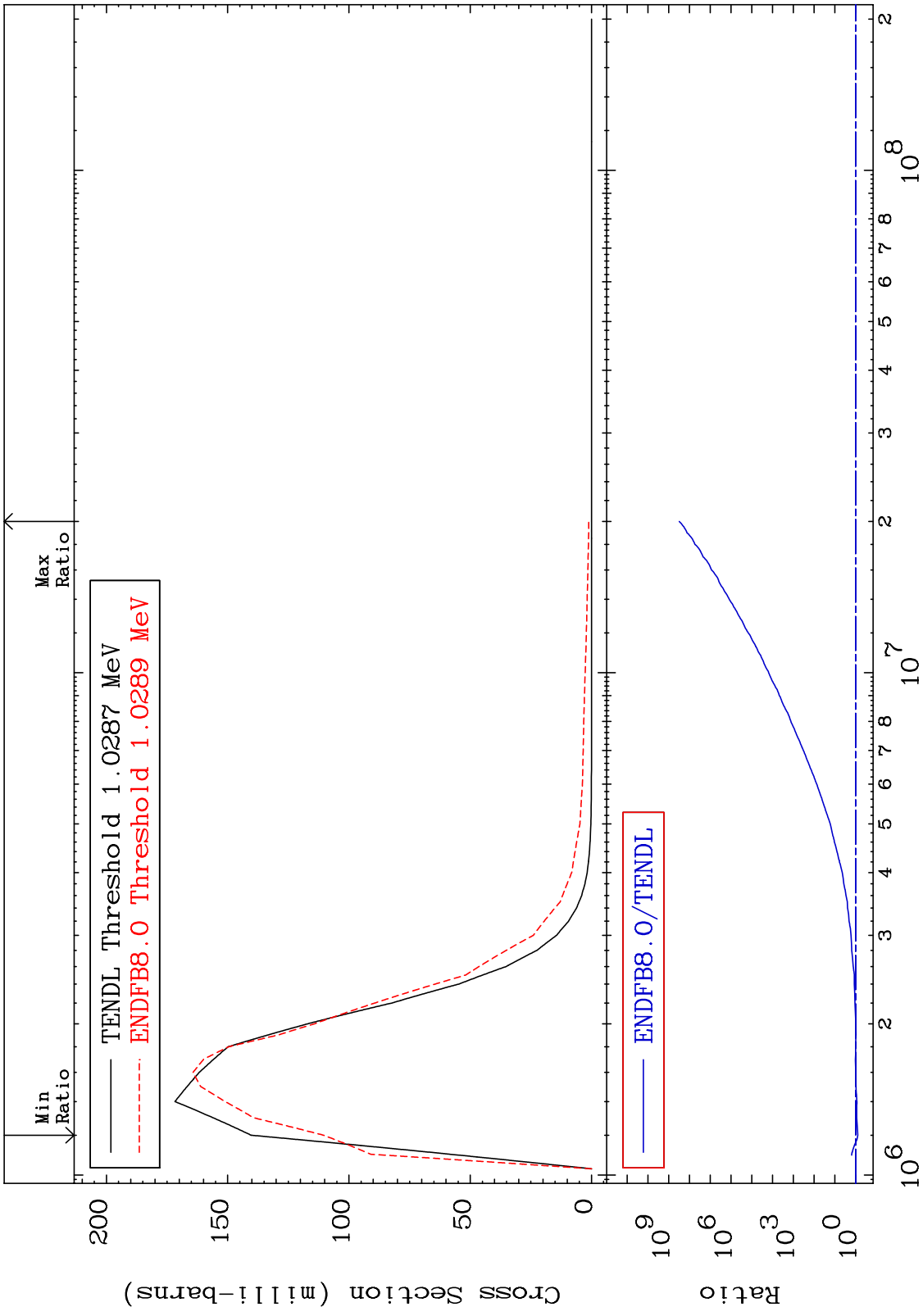


MAT 6625 MT= 56 (n,n') Level Cross Section 66-Dy-156
 -76.65 To 31.28 %



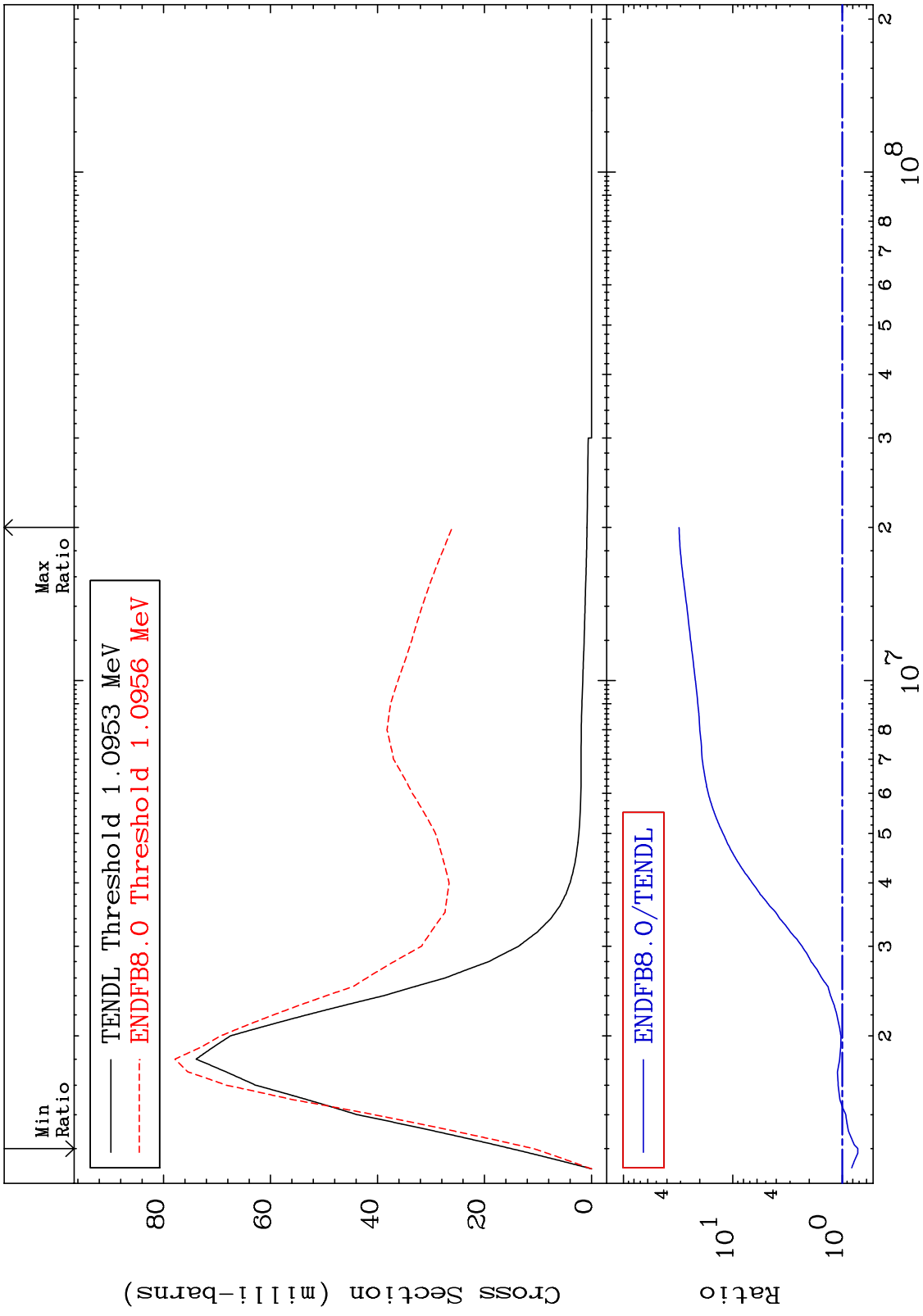
15 Incident Energy (eV) 66-Dy-156

MAT 6625 MT= 57 (n,n') Level Cross Section 66-Dy-156
 -21.31 To 9999. %

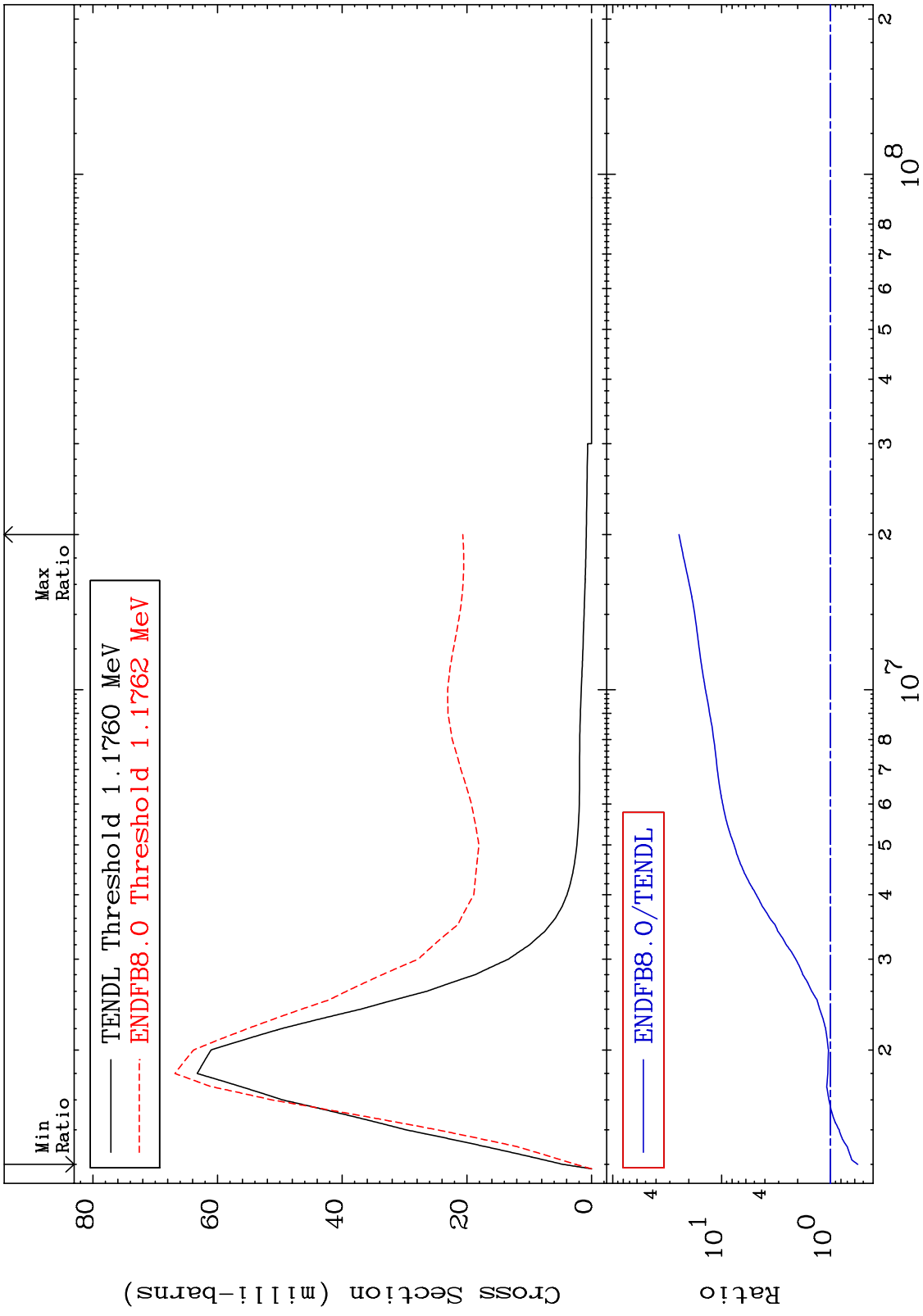


16 Incident Energy (eV) 66-Dy-156

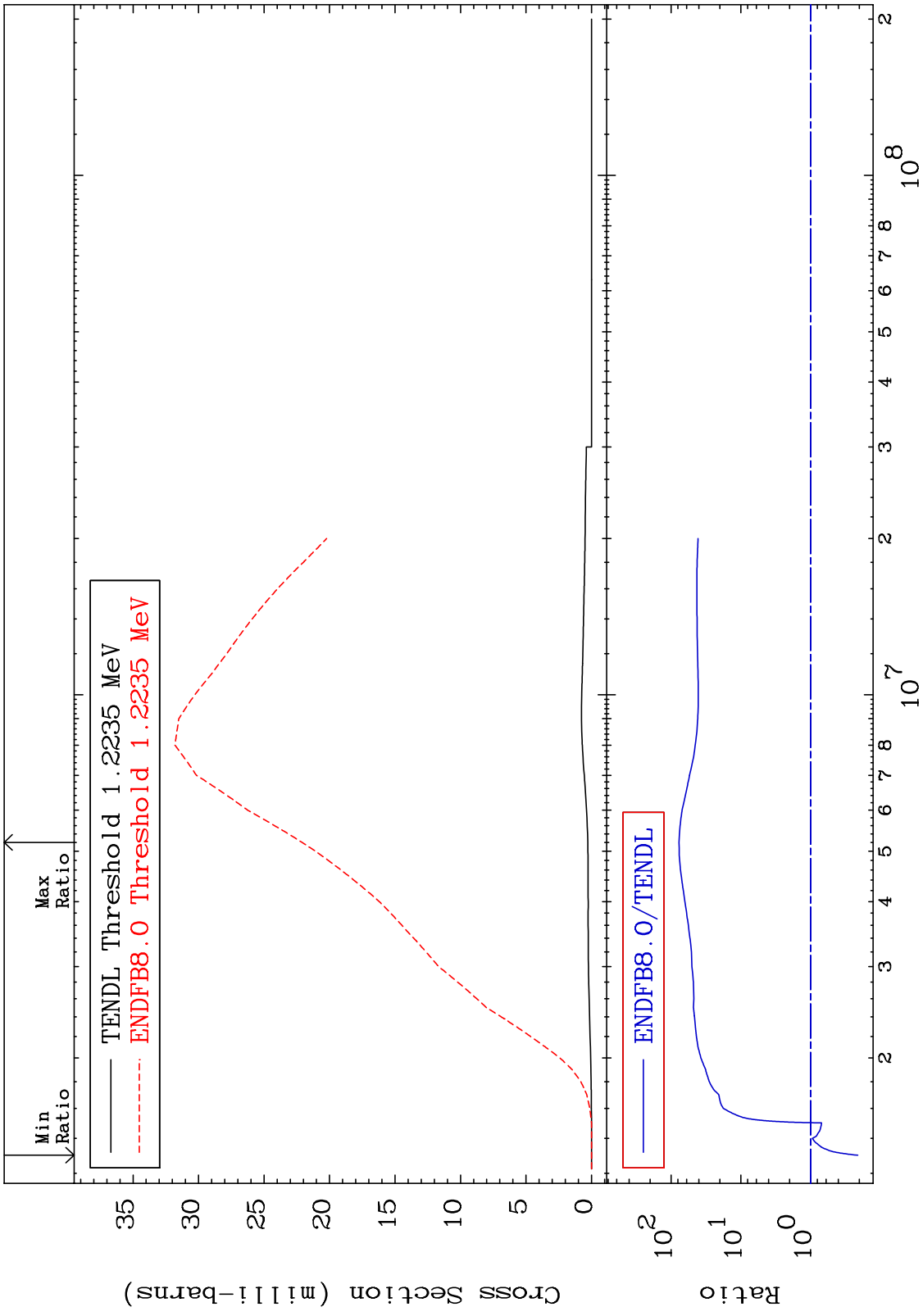
MAT 6625 MT= 58 (n,n') Level Cross Section 66-Dy-156
 -28.10 To 2998. %



MAT 6625 MT= 59 (n,n') Level Cross Section 66-Dy-156
 -43.90 To 2362. %



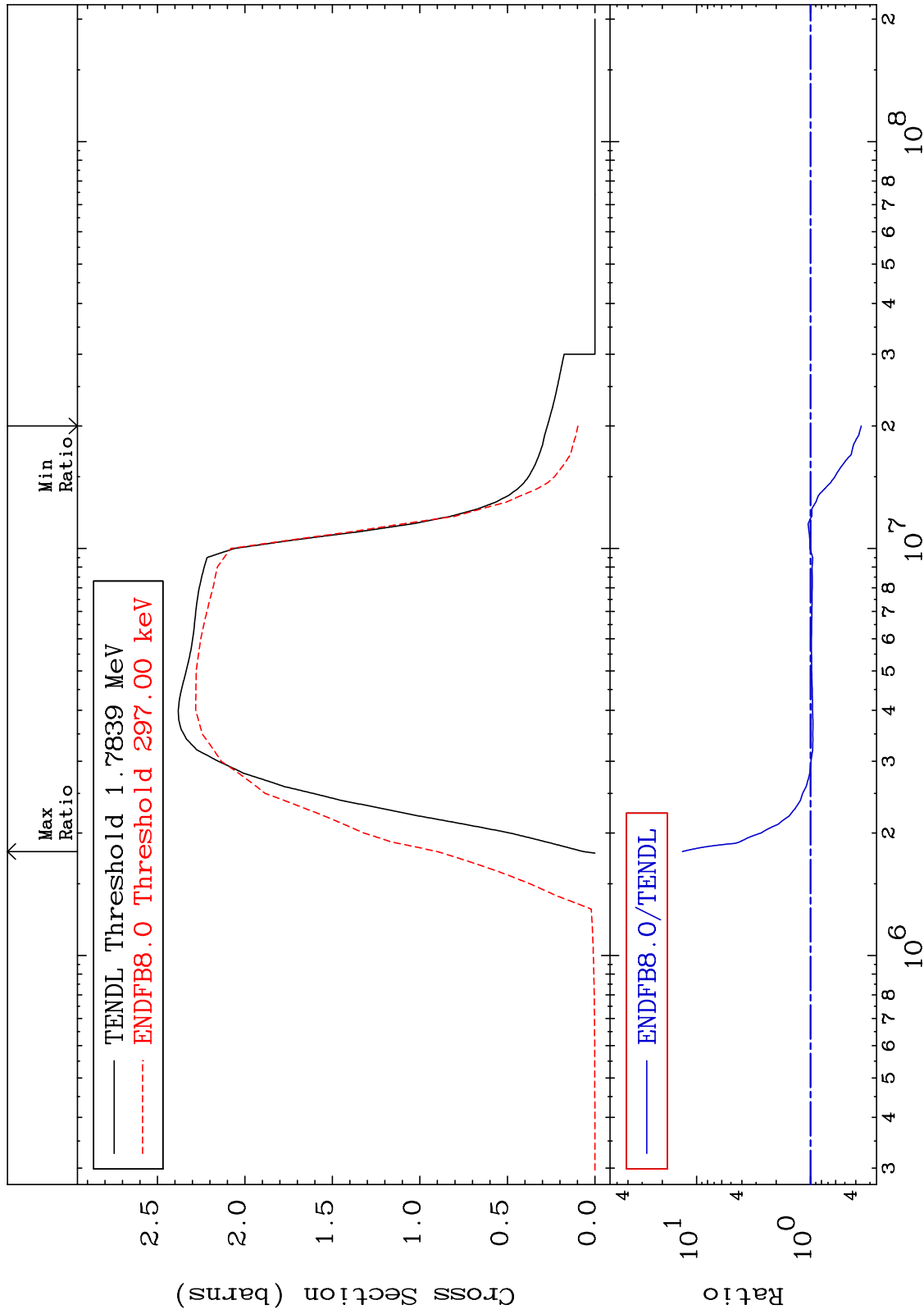
MAT 6625 MT= 60 (n,n') Level Cross Section 66-Dy-156
 -78.95 To 7584. %



MAT 6625

(n,n') Continuum
Cross Section

66-Dy-156
-64.22 To 1229. %



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66-Dy-156

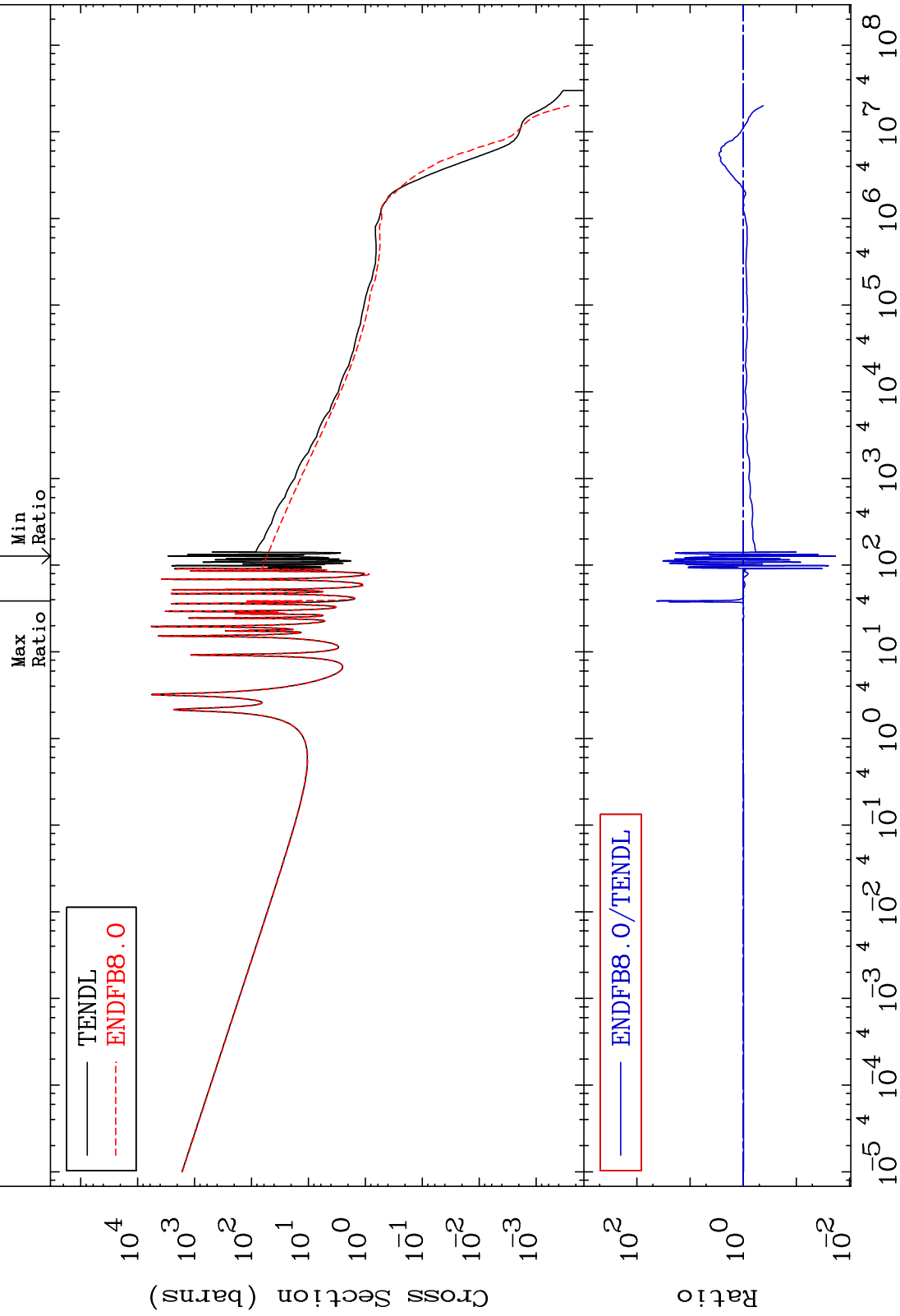
MAT 6625

(n, γ)

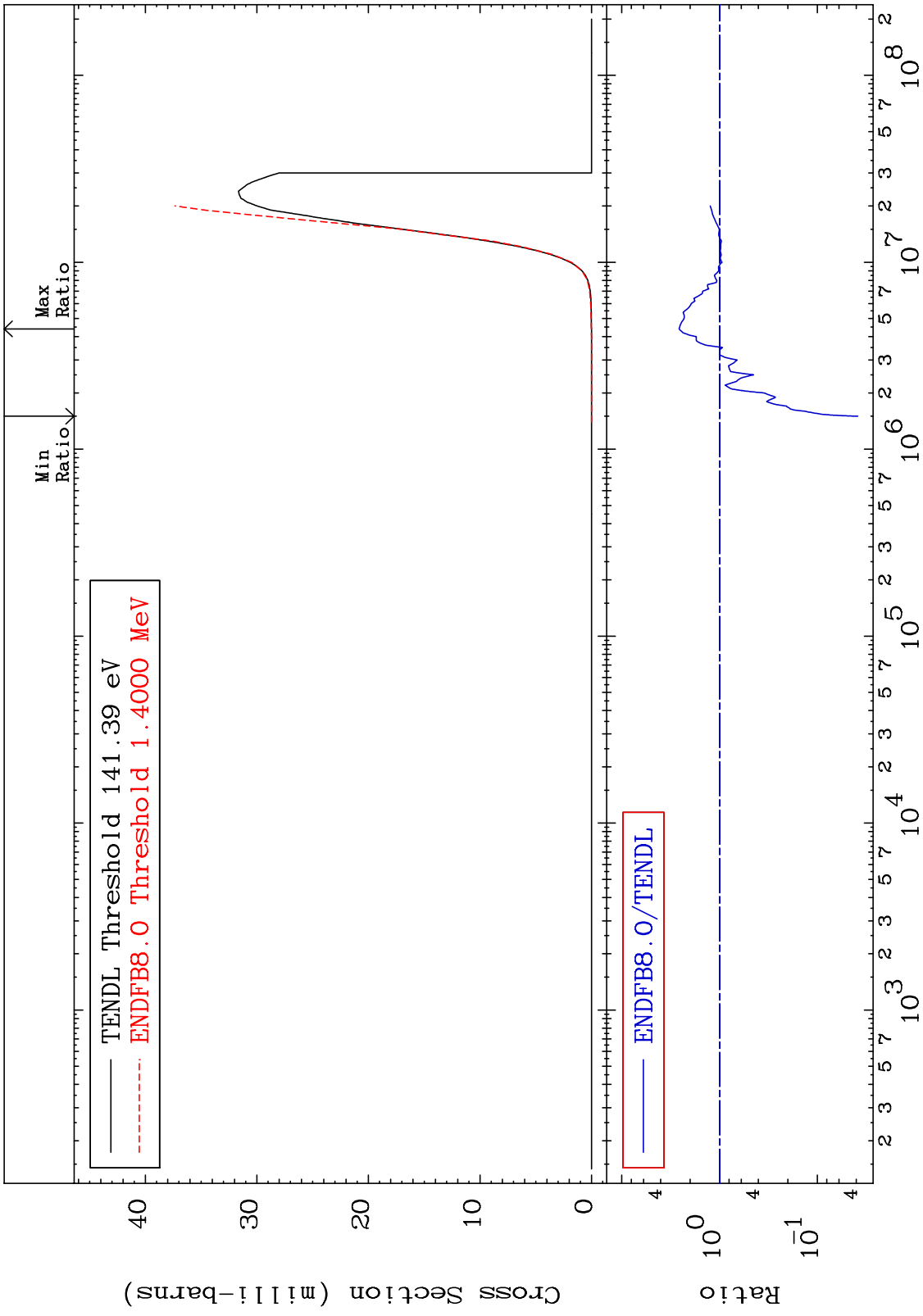
66-Dy-156

-98.17 To 4183. %

Cross Section



MAT 6625 (n,p) Cross Section 66-Dy-156
 -96.15 To 159.5 %



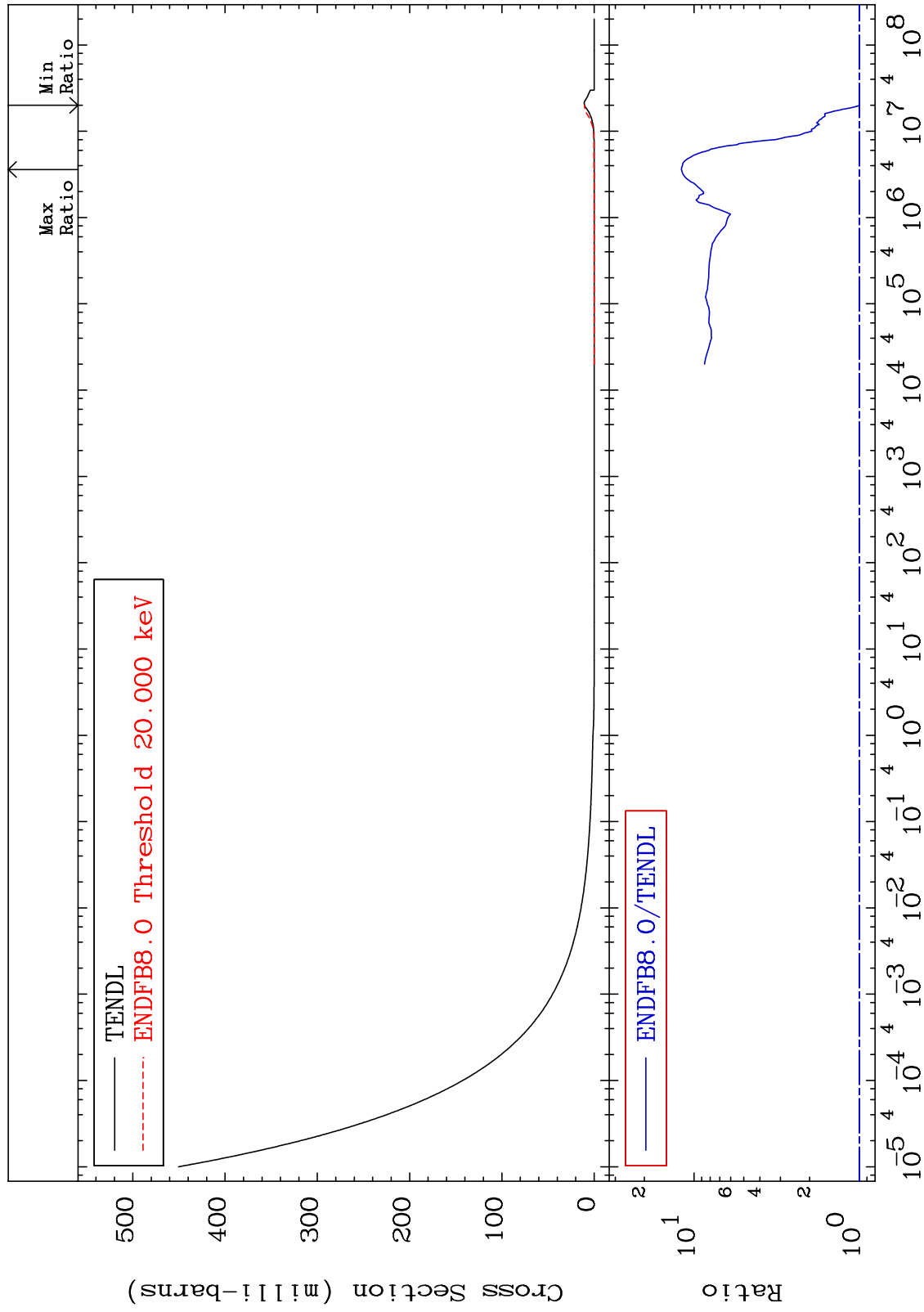
MAT 6625

(n, α)

66-Dy-156

Cross Section

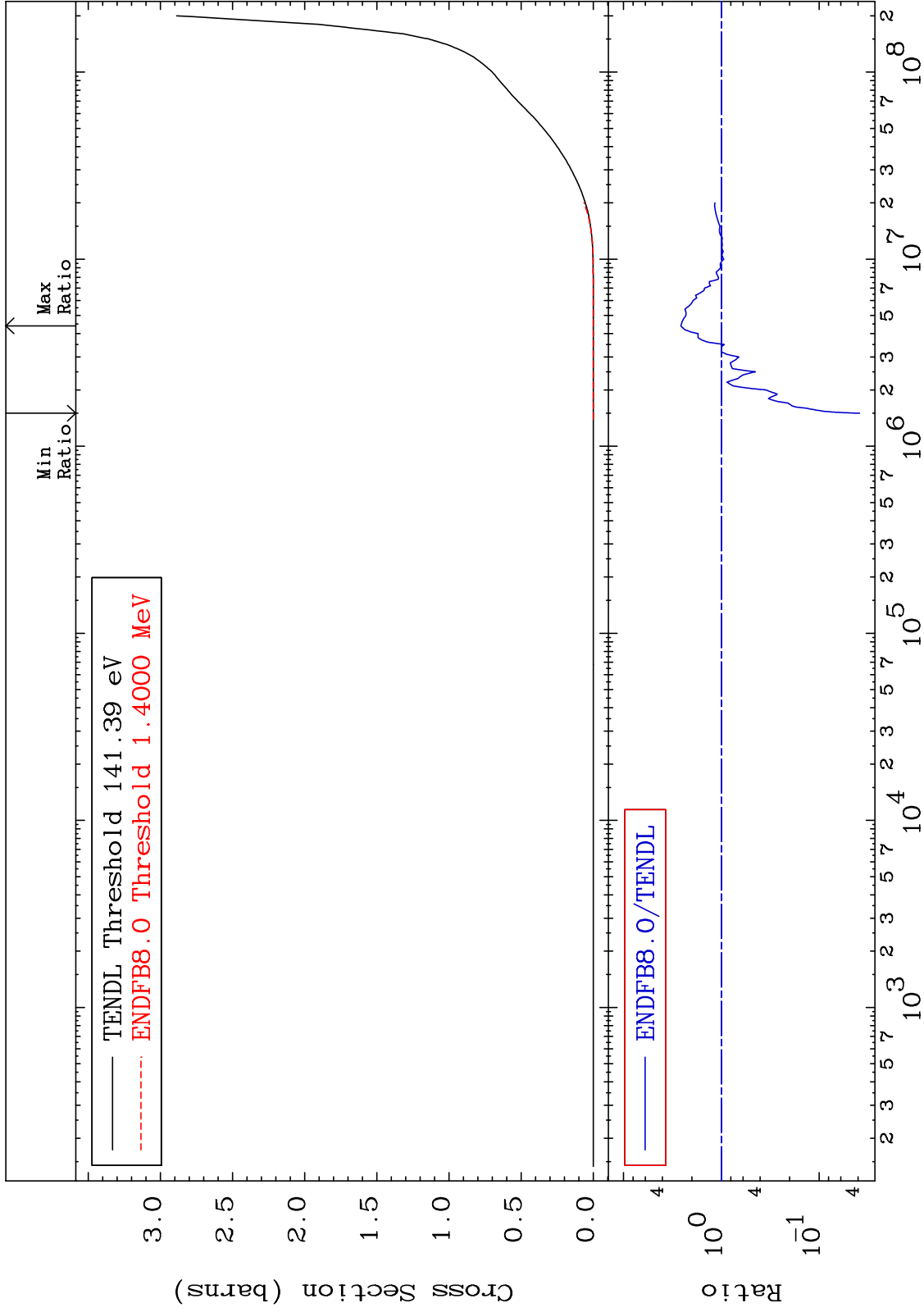
-0.675 To 1093. %



MAT 6625

Hydrogen Production
Cross Section

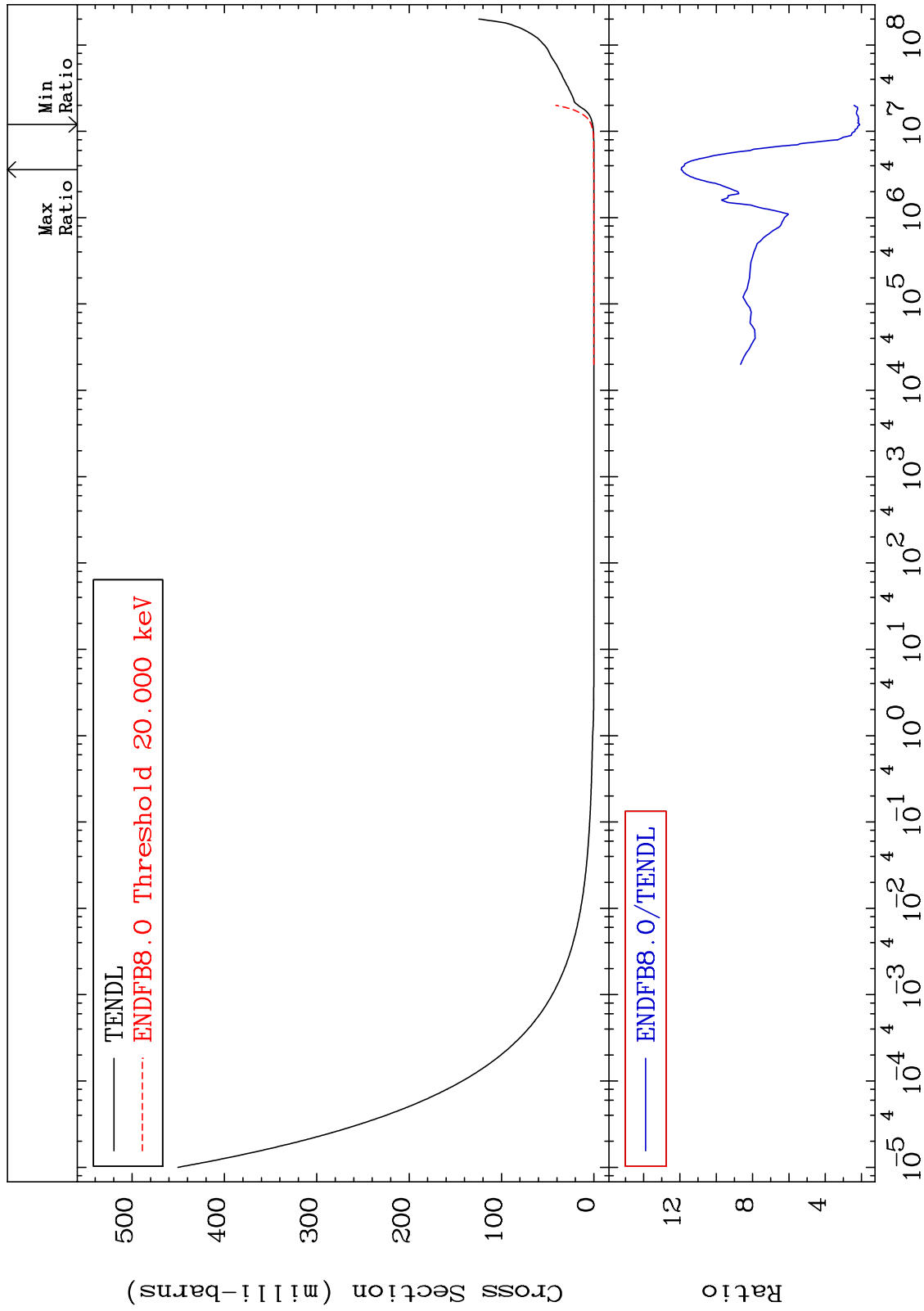
66-Dy-156
-96.15 To 159.5 %



MAT 6625

He-4 Production
Cross Section

66-Dy-156
109.8 To 1093. %

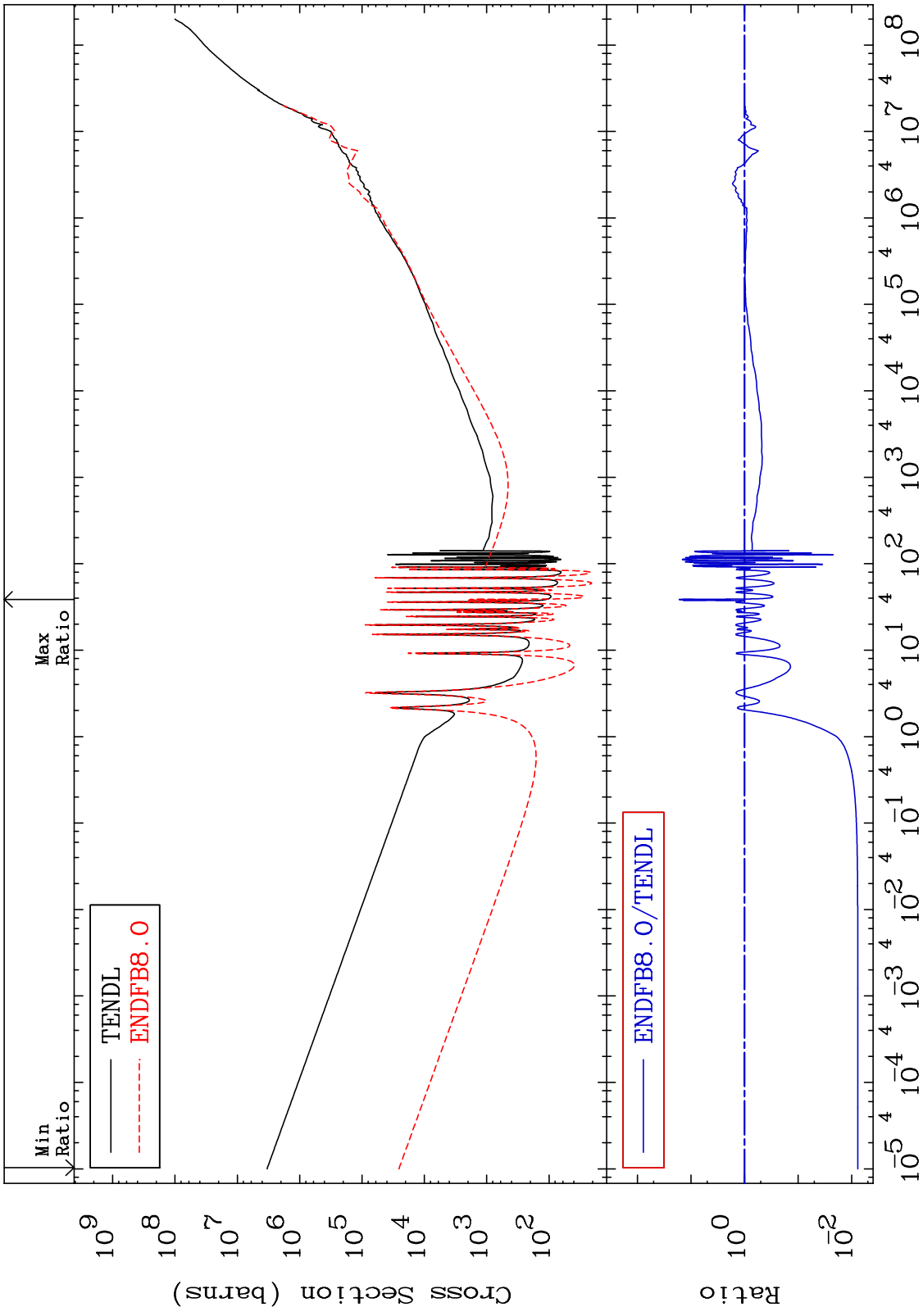


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Incident Energy (eV)

66-Dy-156

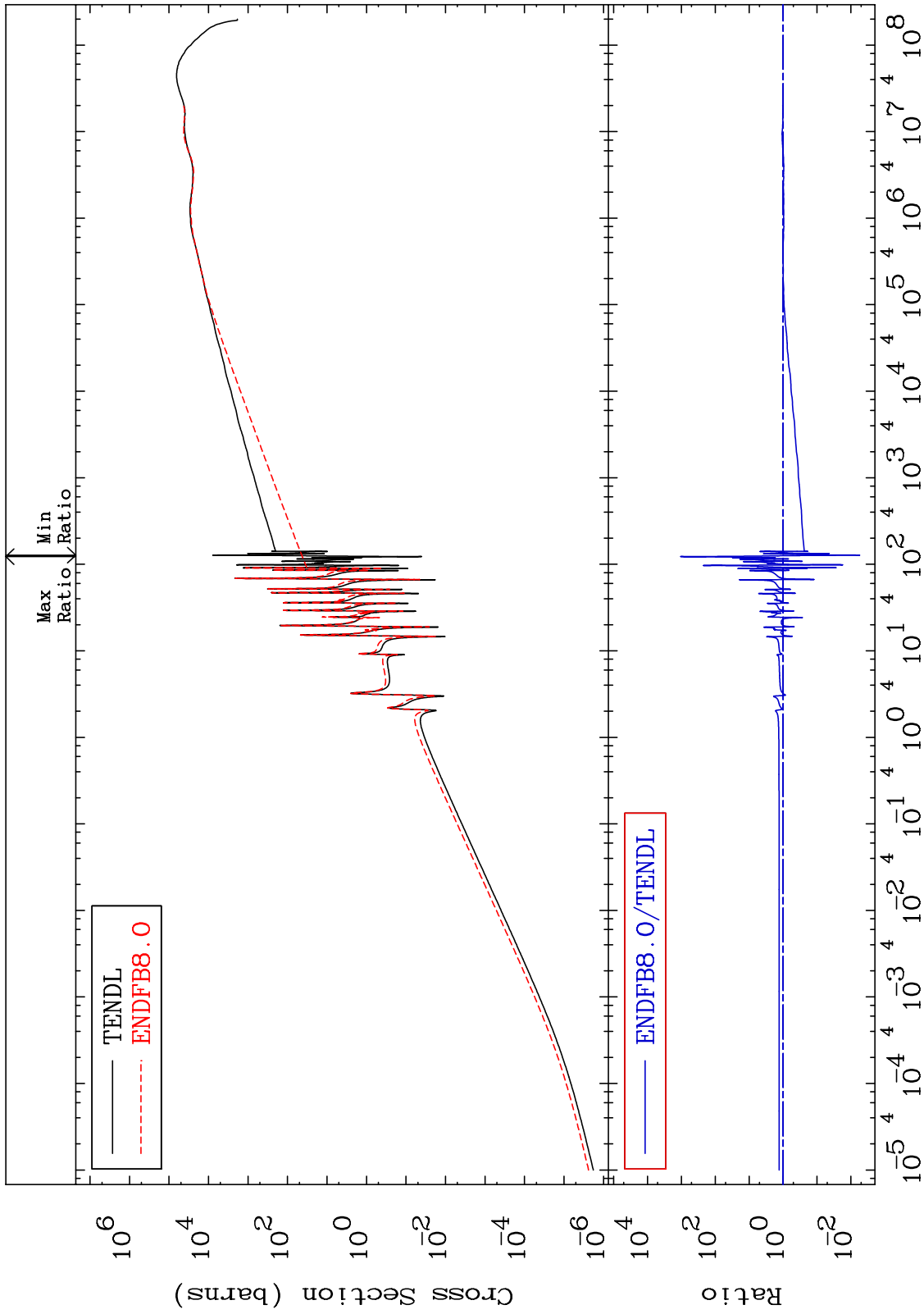
MAT 6625 Kerma total (eV-barns) 66-Dy-156
 Cross Section -99.23 To 1573. %



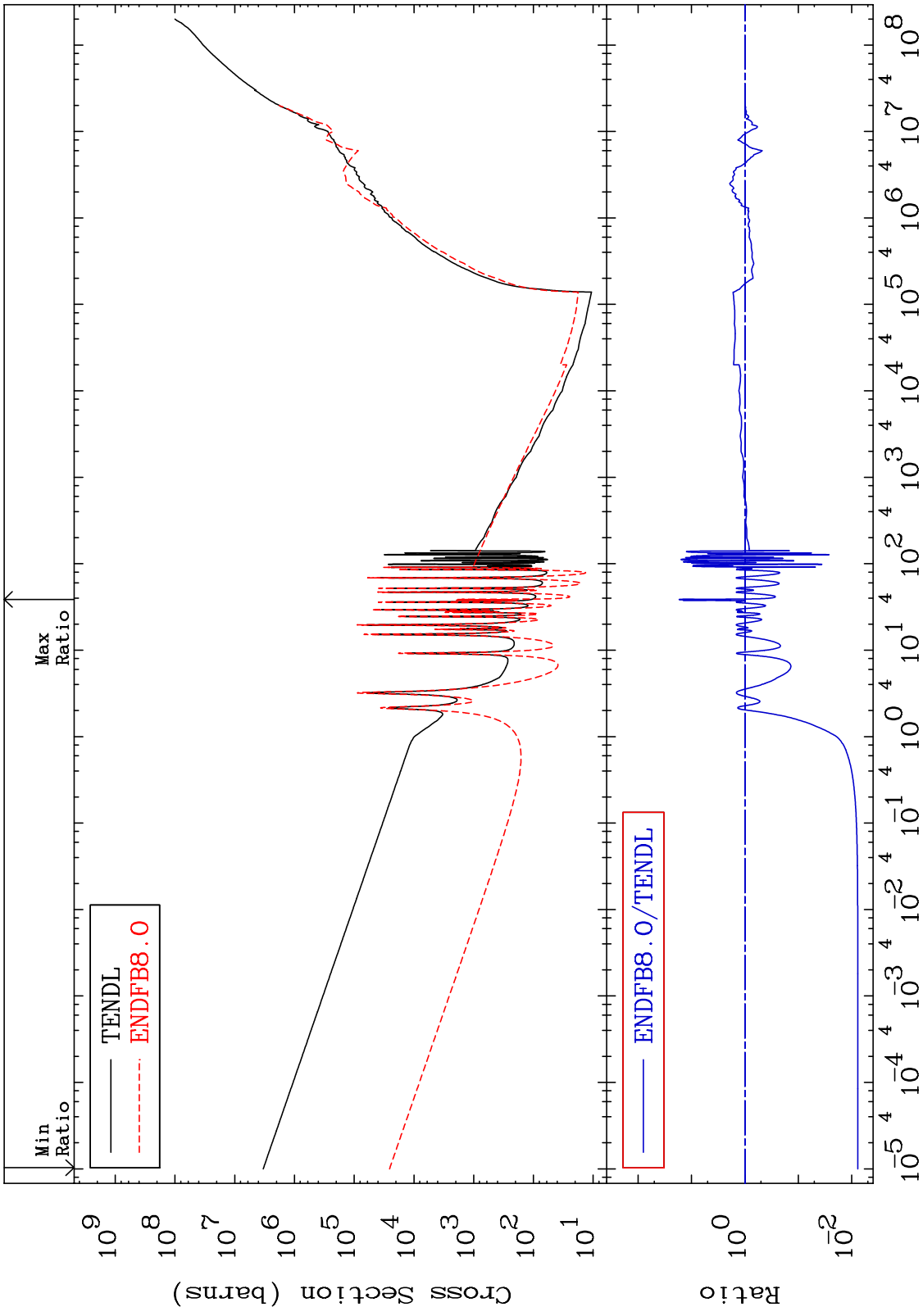
MAT 6625

Kerma elastic
Cross Section

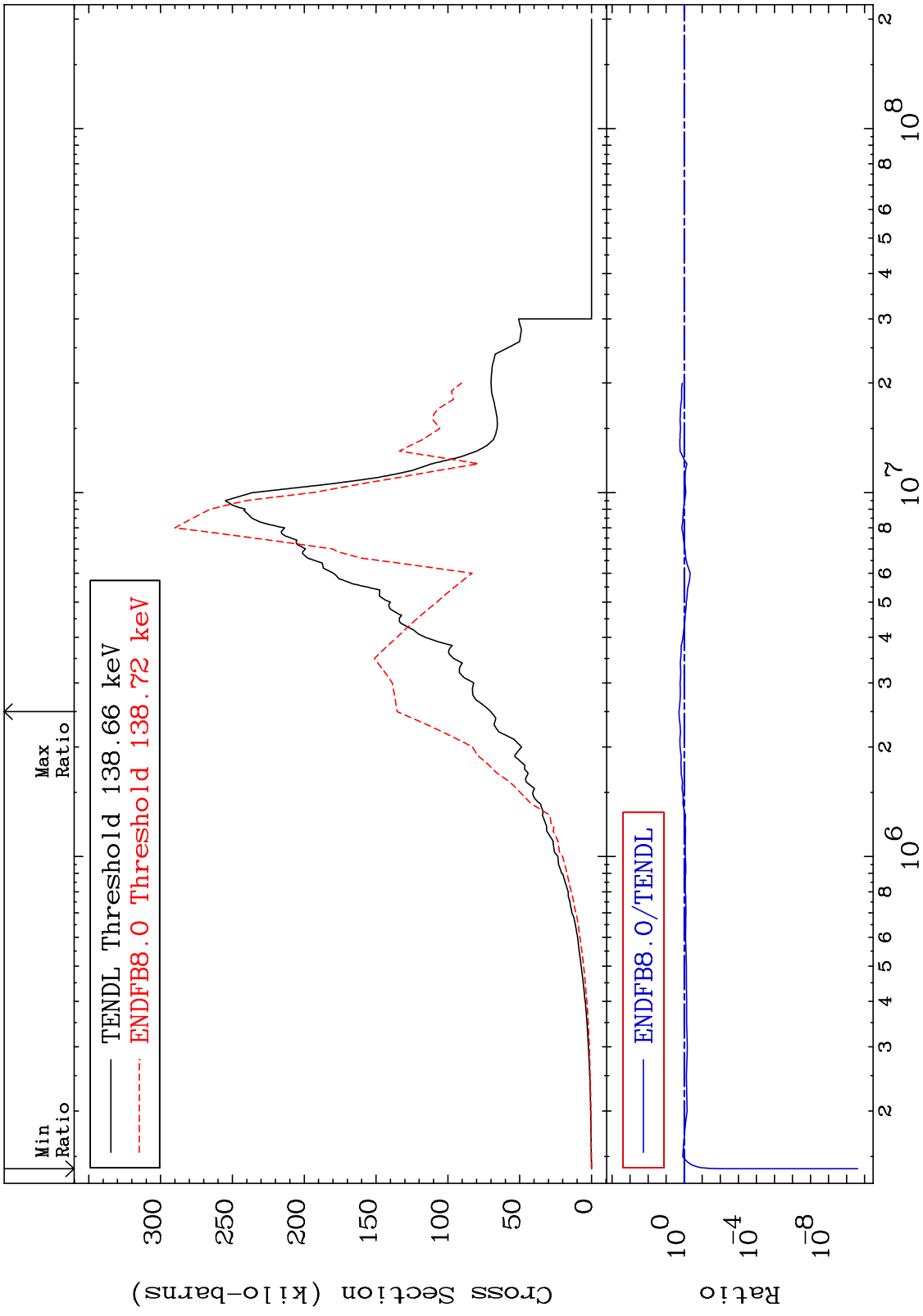
66-Dy-156
-99.45 To 9999. %



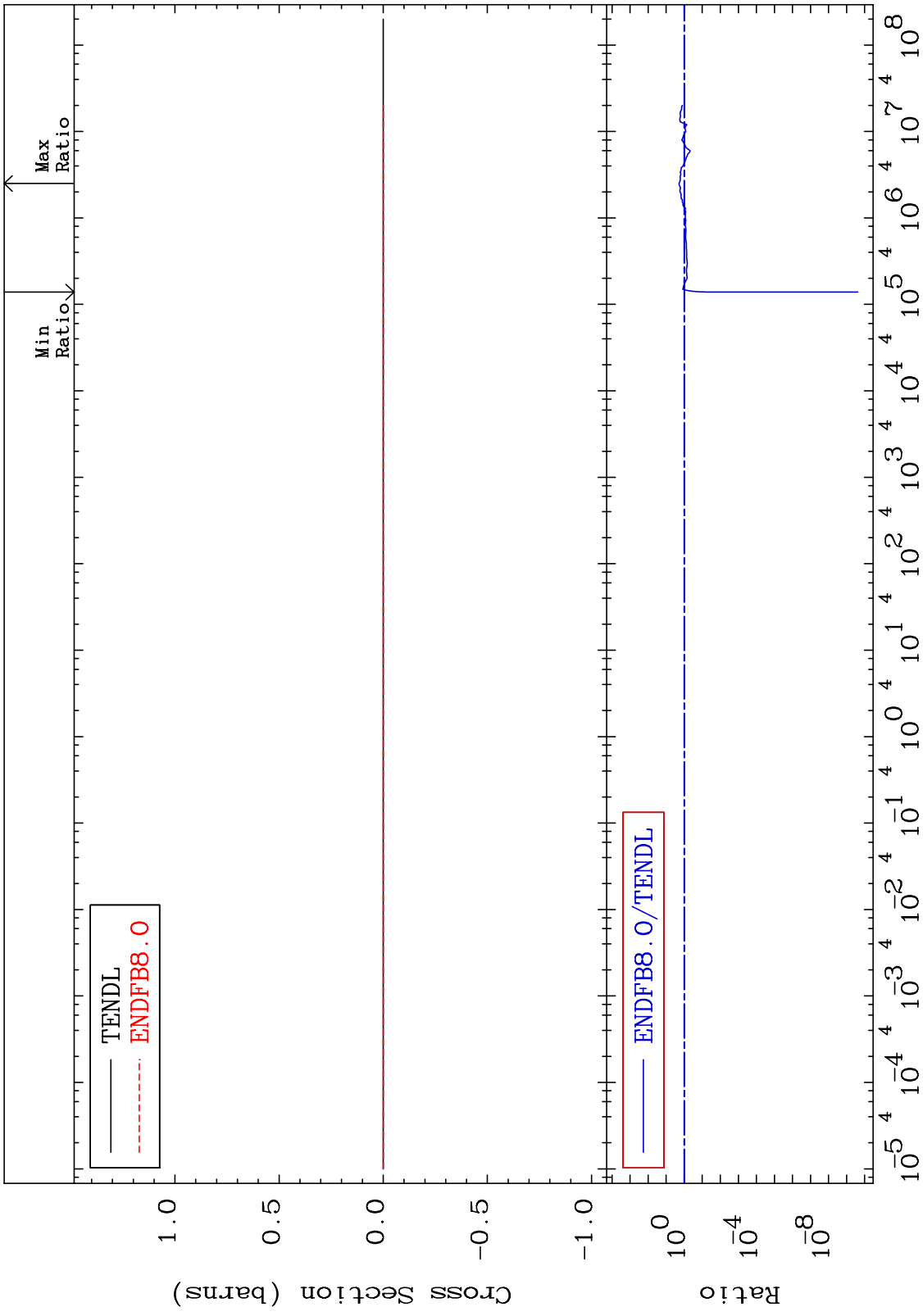
MAT 6625 Kerma non-elastic (all but mt2) 66-Dy-156
 Cross Section -99.23 To 1613. %



MAT 6625 Kerma inelastic (mt51-91) 66-Dy-156
 -100.0 To 92.95 %
 Cross Section



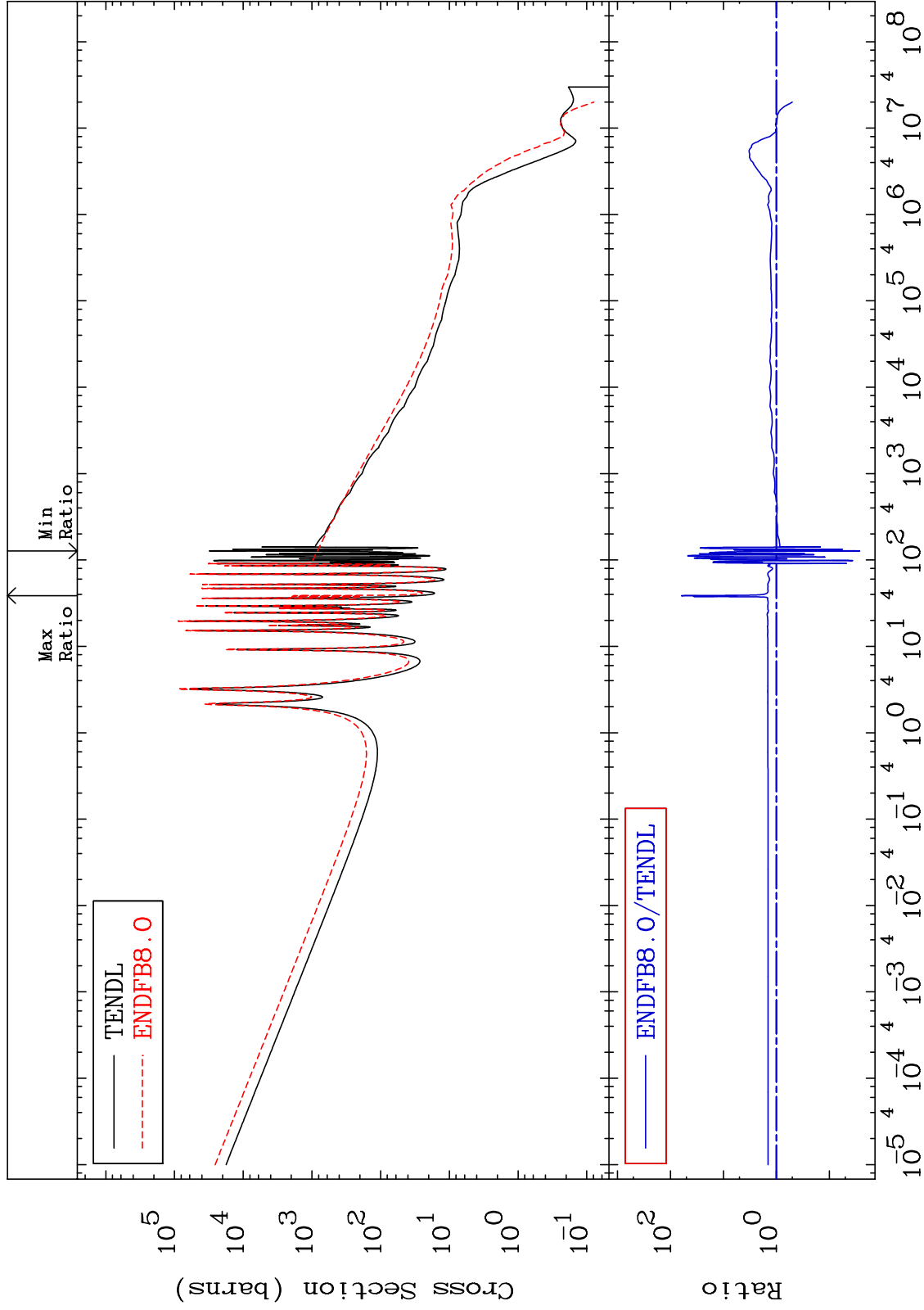
MAT 6625 Kerma fission (mt18 or mt19-20-21-38) 66-Dy-156
 Cross Section -100.0 To 92.95 %



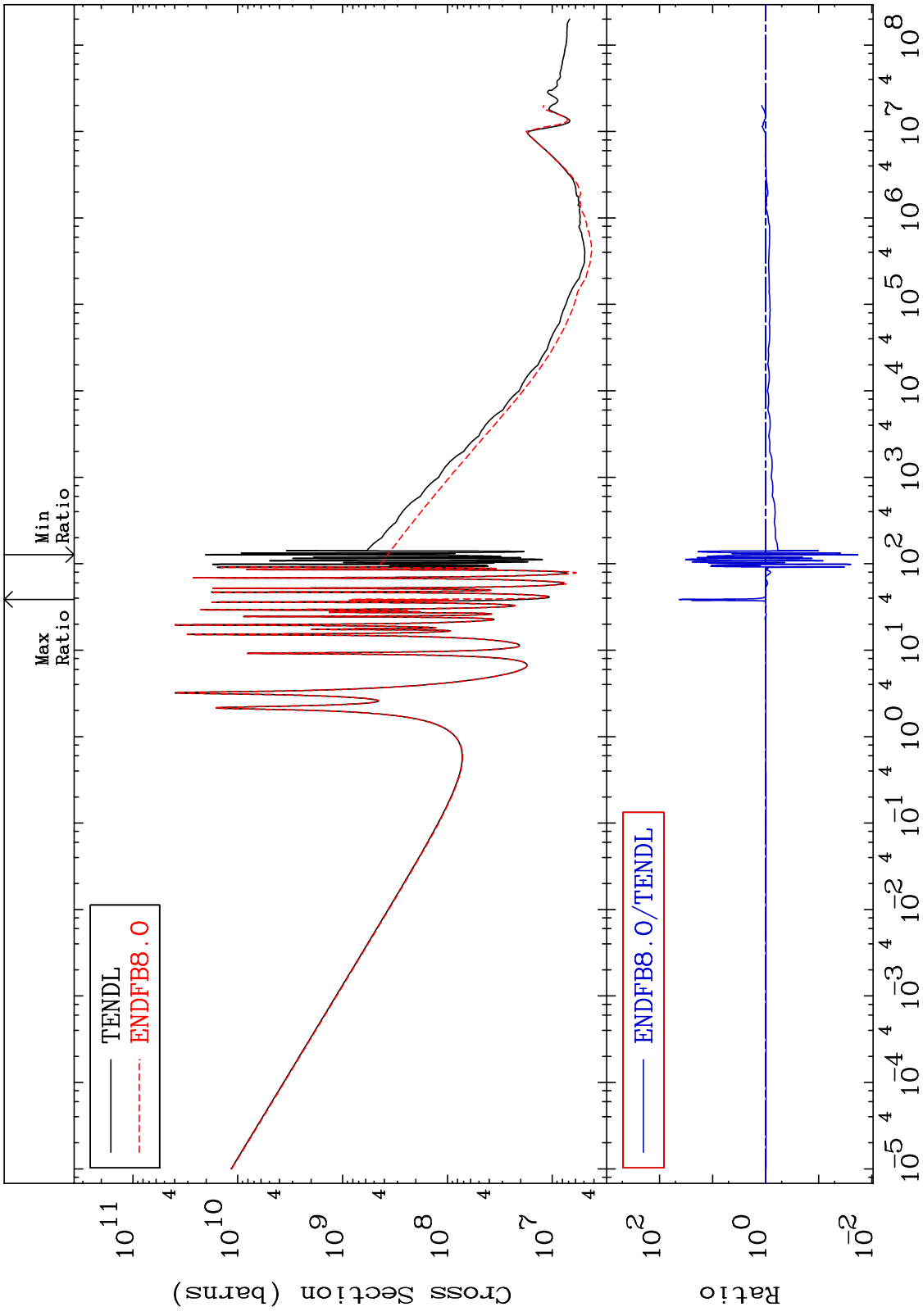
MAT 6625

Kerma capture (mt102)
Cross Section

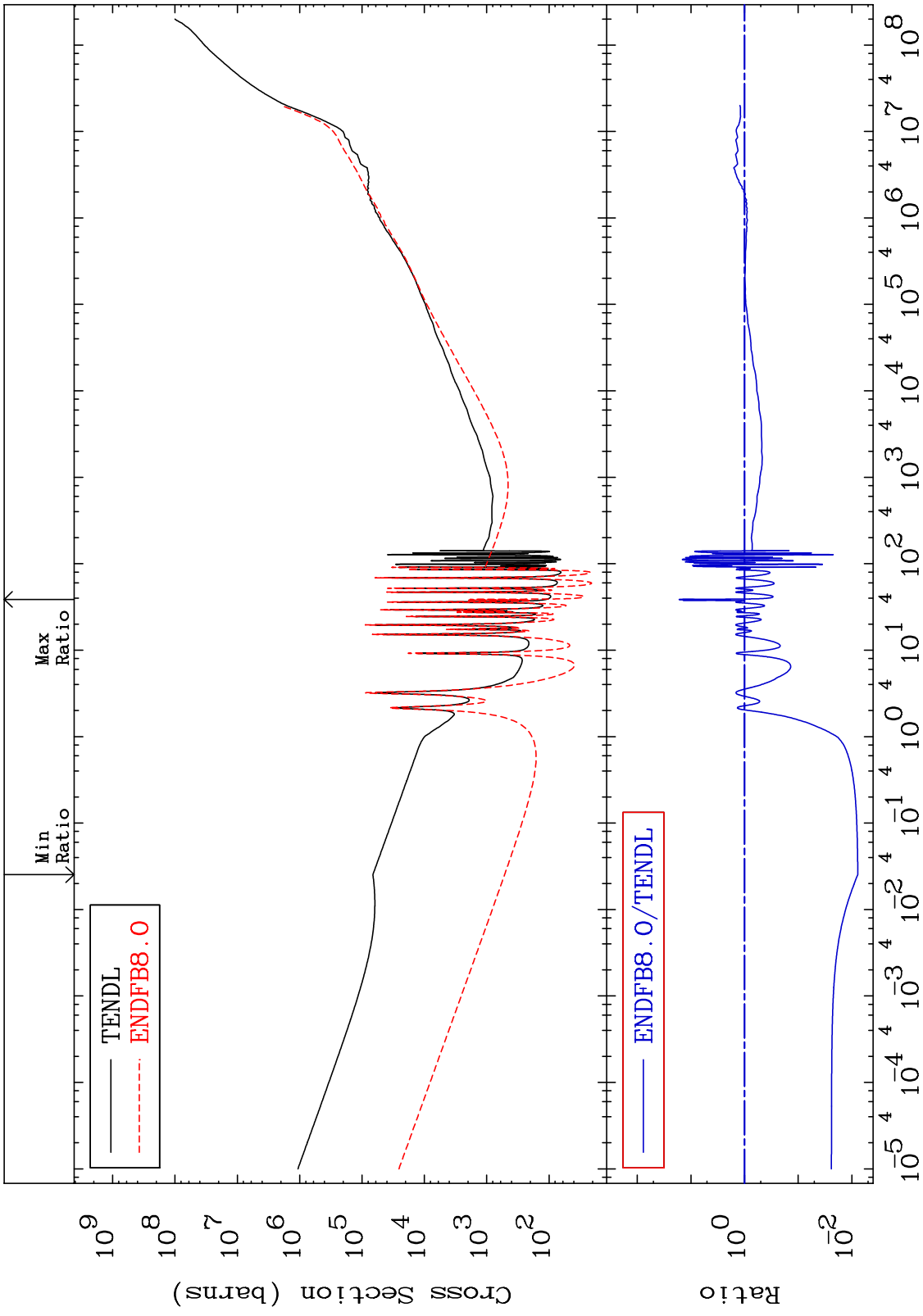
66-Dy-156
-97.32 To 6145. %



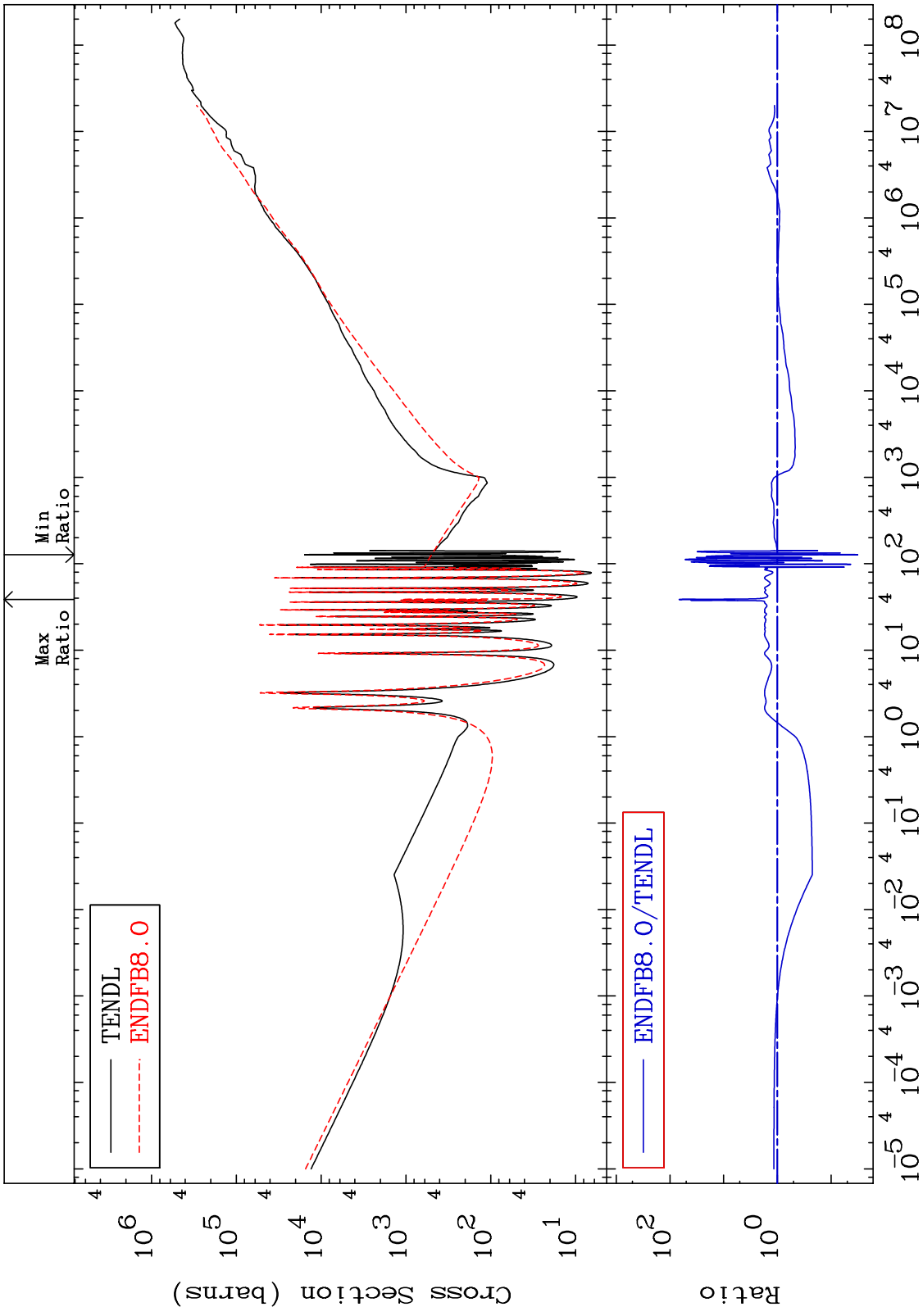
MAT 6625 66-Dy-156
 Total photon (eV-barns) -98.17 To 4179. %
 Cross Section



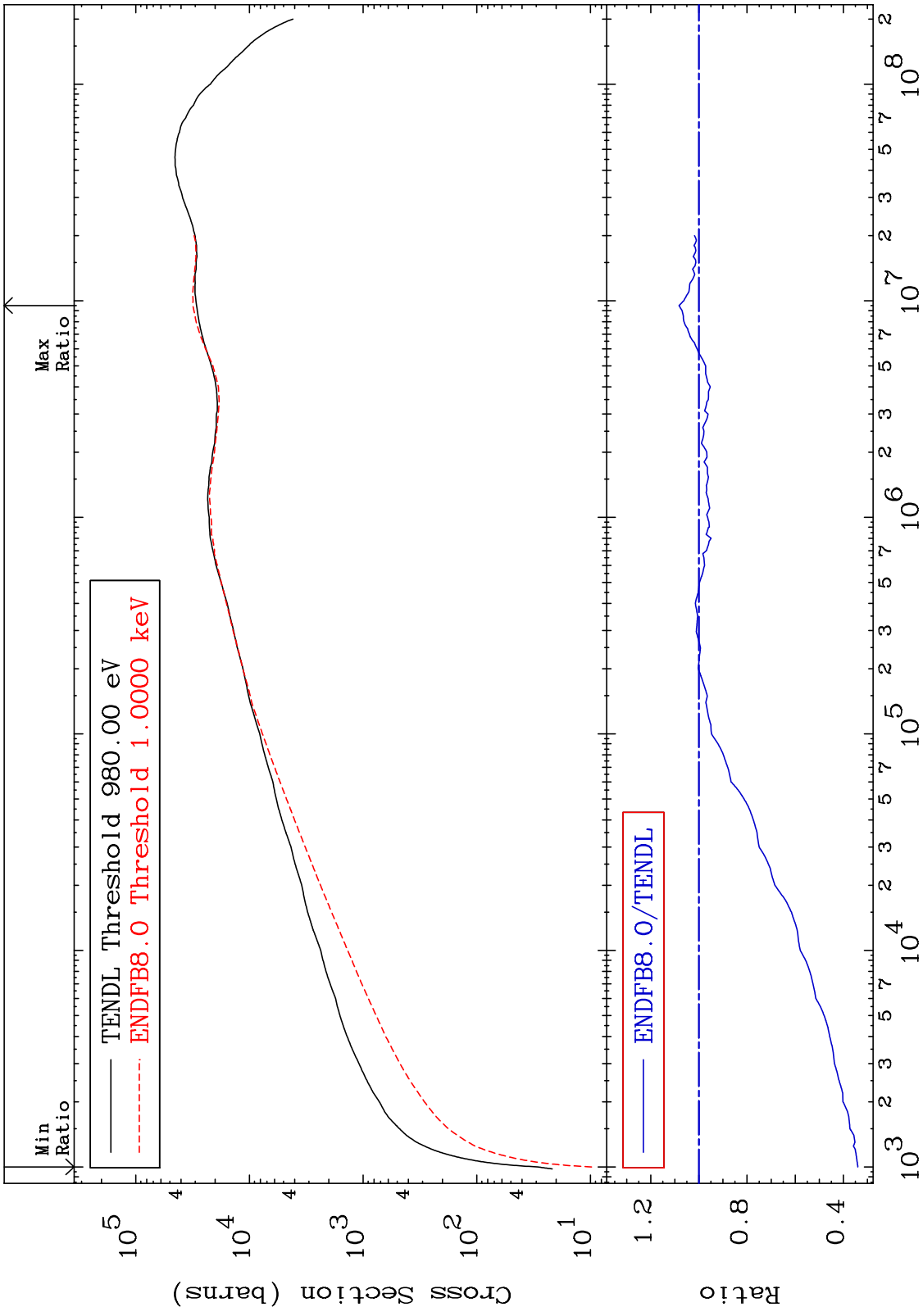
MAT 6625 Total kinematic kerma (high limit) 66-Dy-156
 Cross Section -99.23 To 1563. %



MAT 6625 Dpa total (eV-barns) 66-Dy-156
 Cross Section -96.82 To 6665. %



MAT 6625 Dpa elastic (mt2) Cross Section 66-Dy-156
 -66.00 To 8.241 %

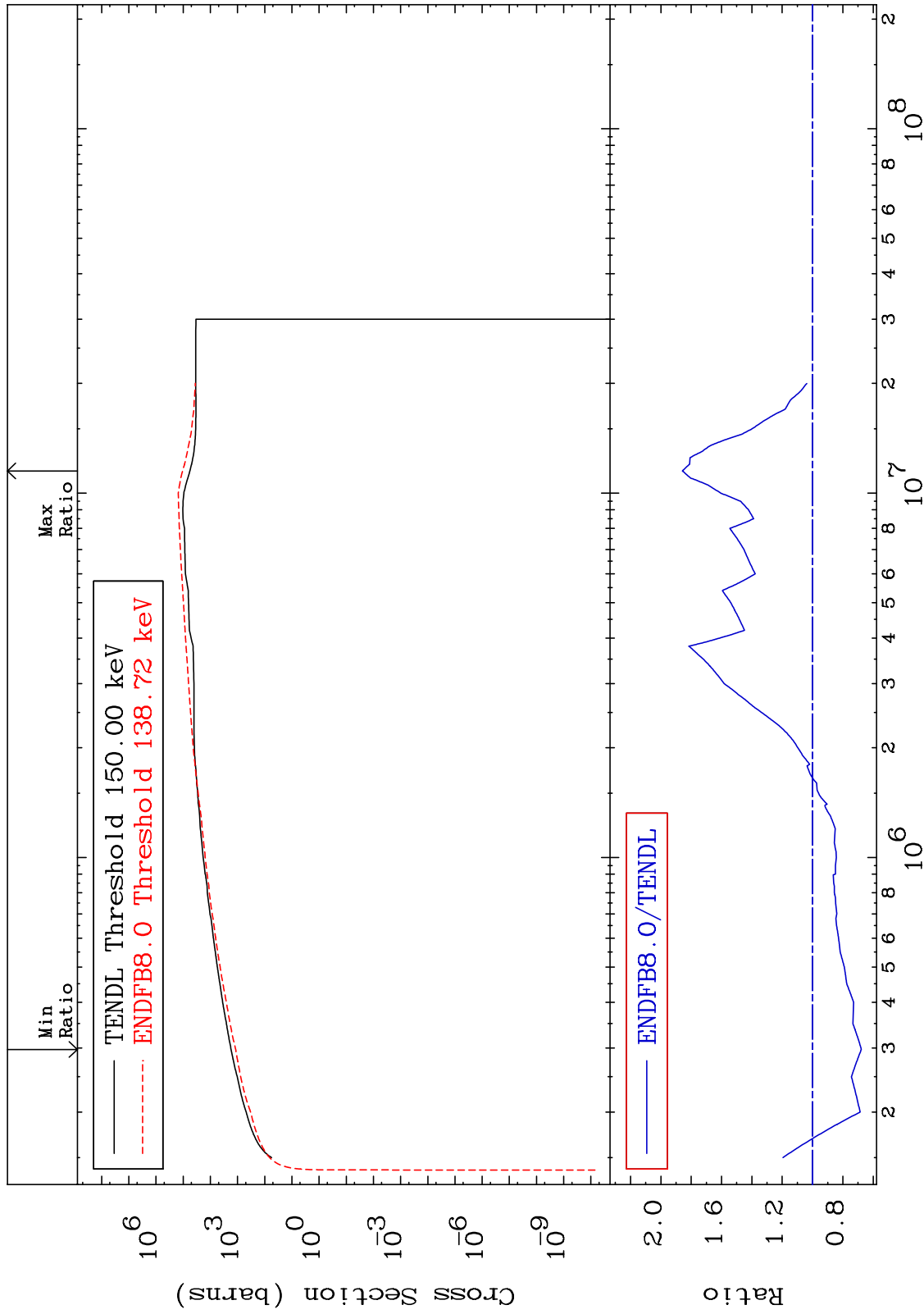


35 Incident Energy (eV) 66-Dy-156

MAT 6625

Dpa inelastic (mt51-91)
Cross Section

66-Dy-156
-32.16 To 85.76 %



MAT 6625 Dpa disappearance (mt102 -120) 66-Dy-156
 Cross Section -96.82 To 6665. %

