

Program Complot
(Version 2018-1)

by

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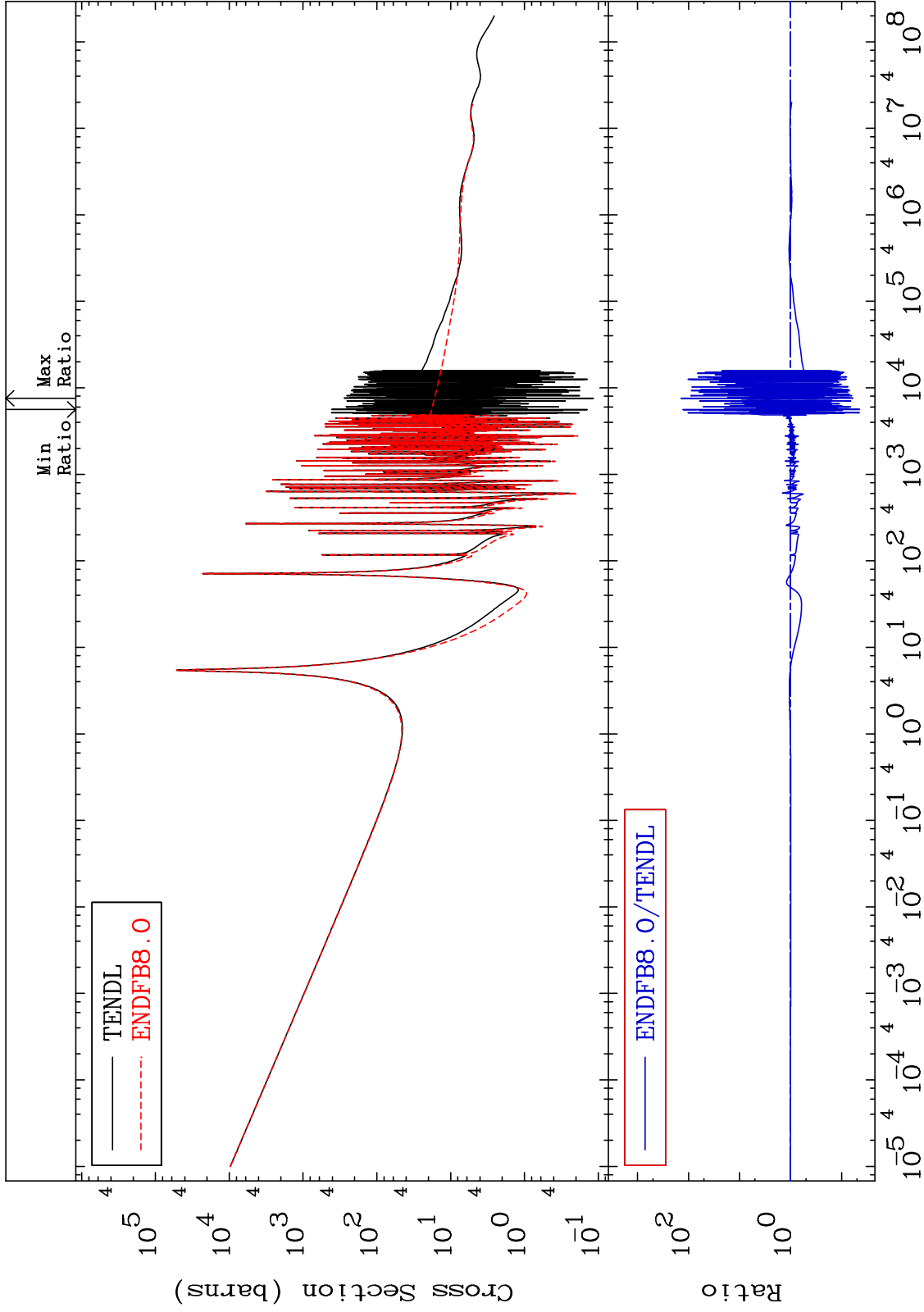
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6643

Total
Cross Section

66-Dy-162
-95.57 To 9999. %



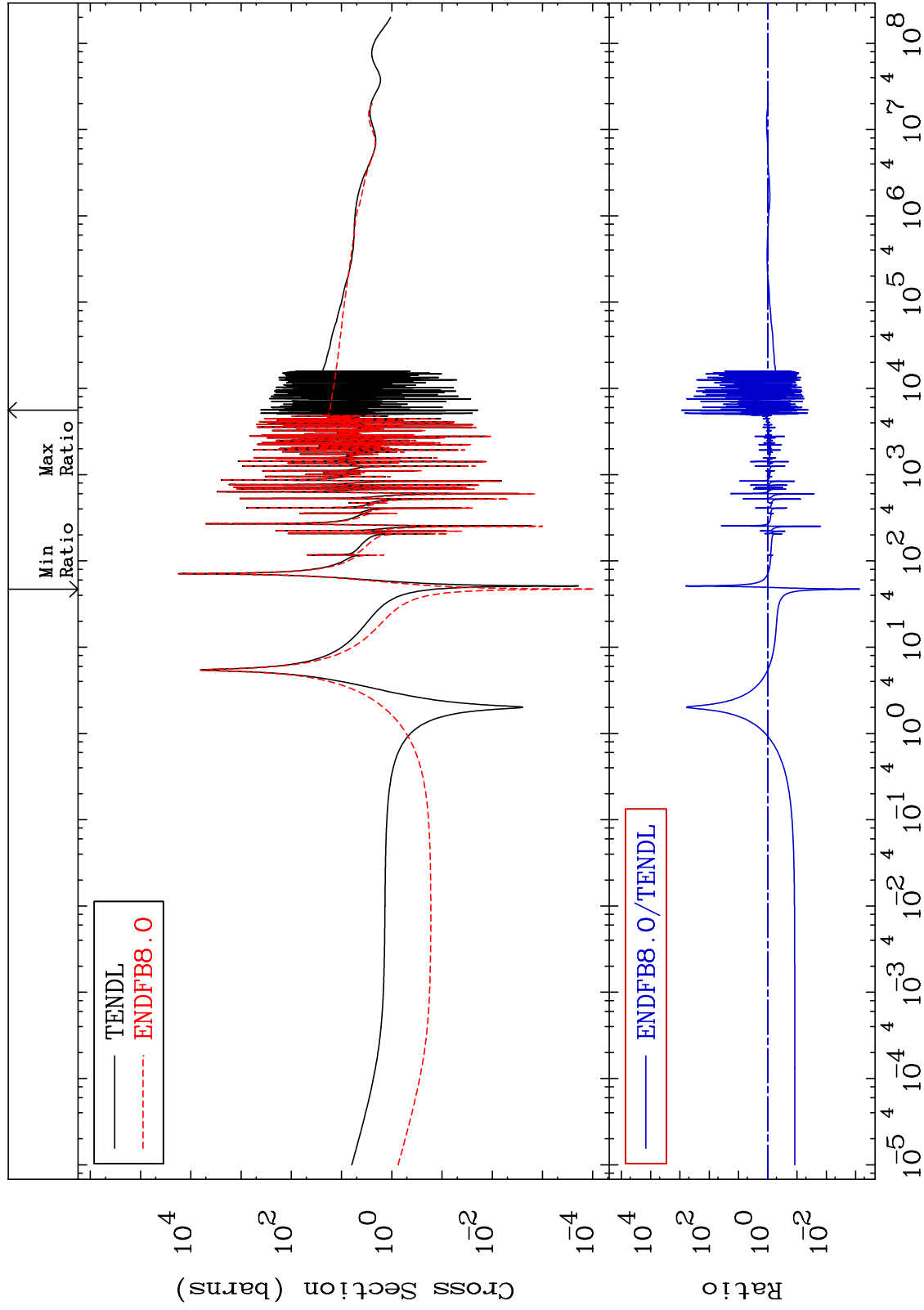
Incident Energy (eV)

66-Dy-162

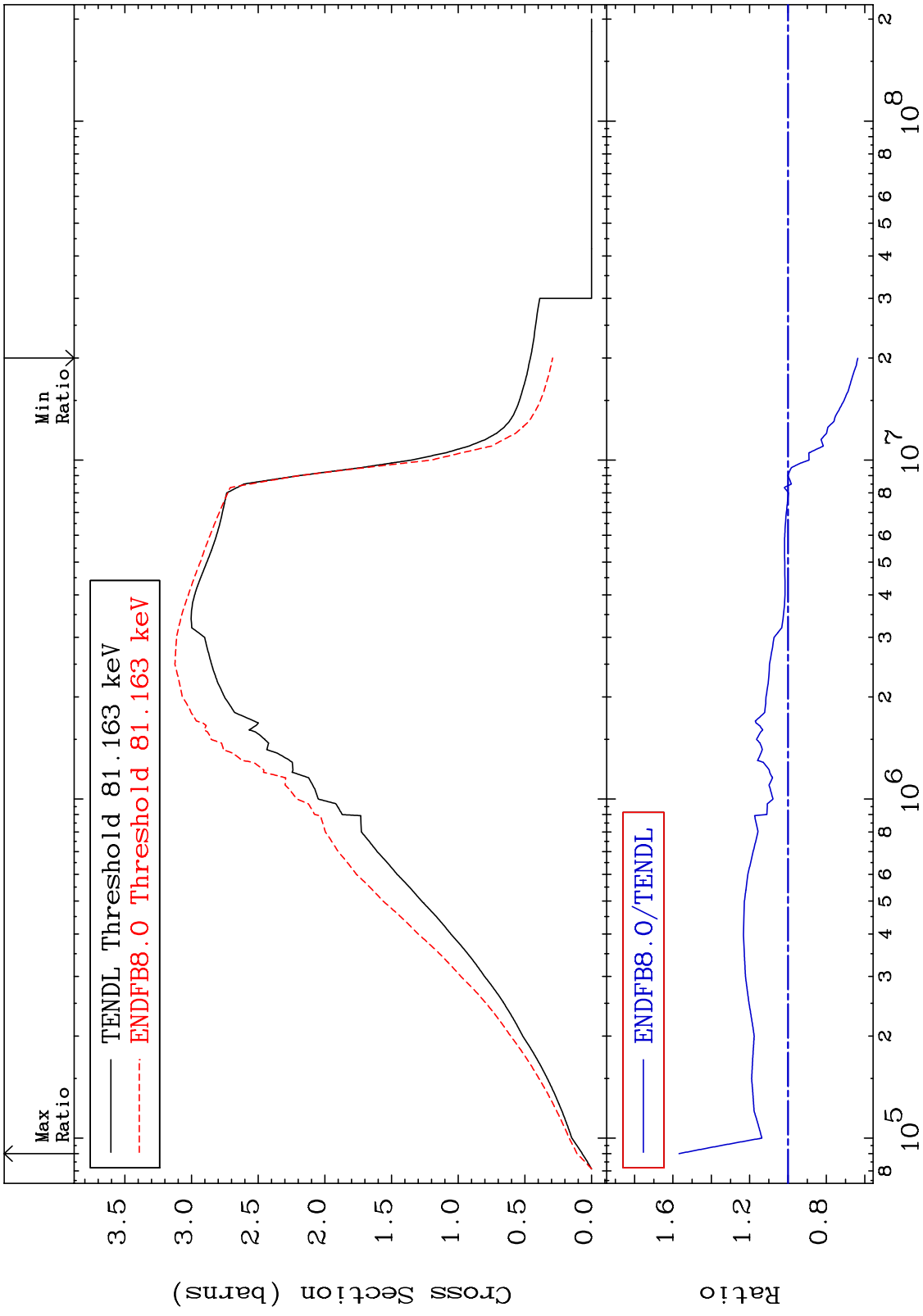
MAT 6643

Elastic
Cross Section

66-Dy-162
-99.93 To 9999. %

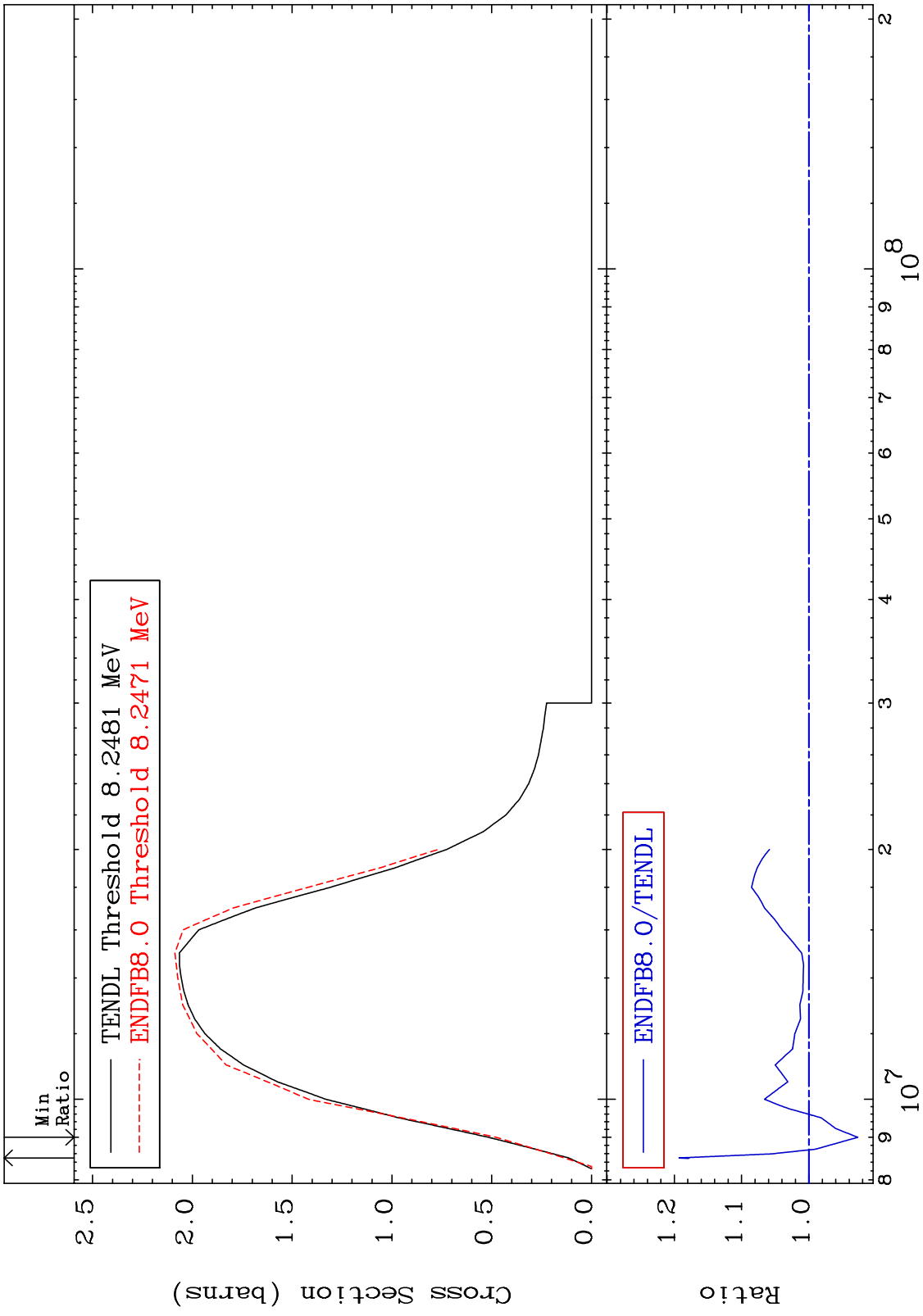


MAT 6643 Inelastic Cross Section 66-Dy-162 -36.41 To 56.82 %

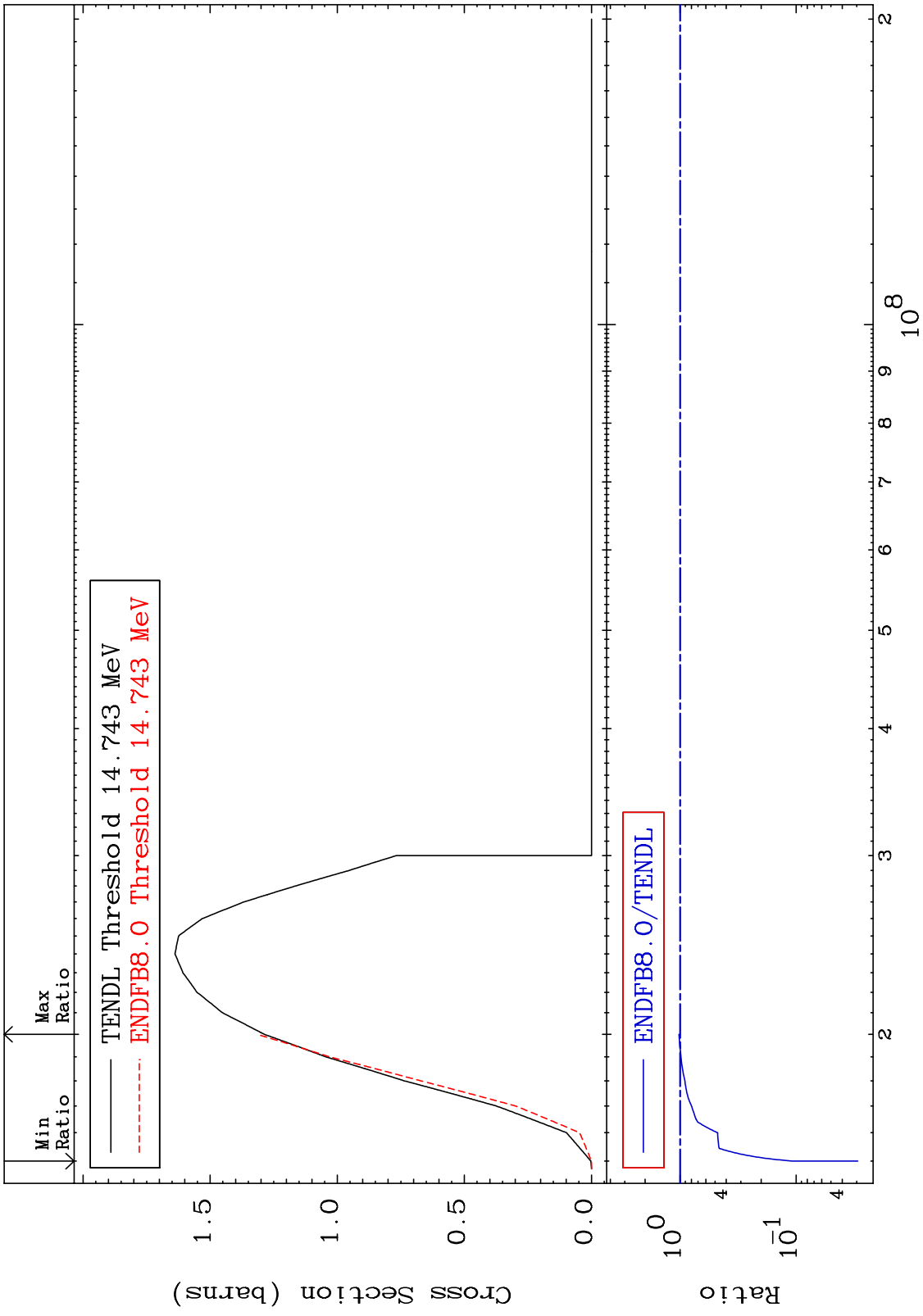


3 Incident Energy (eV) 66-Dy-162

MAT 6643 (n,2n) Cross Section 66-Dy-162 -7.290 To 19.31 %



MAT 6643 (n,3n) 66-Dy-162
 Cross Section -97.07 To 2.131 %



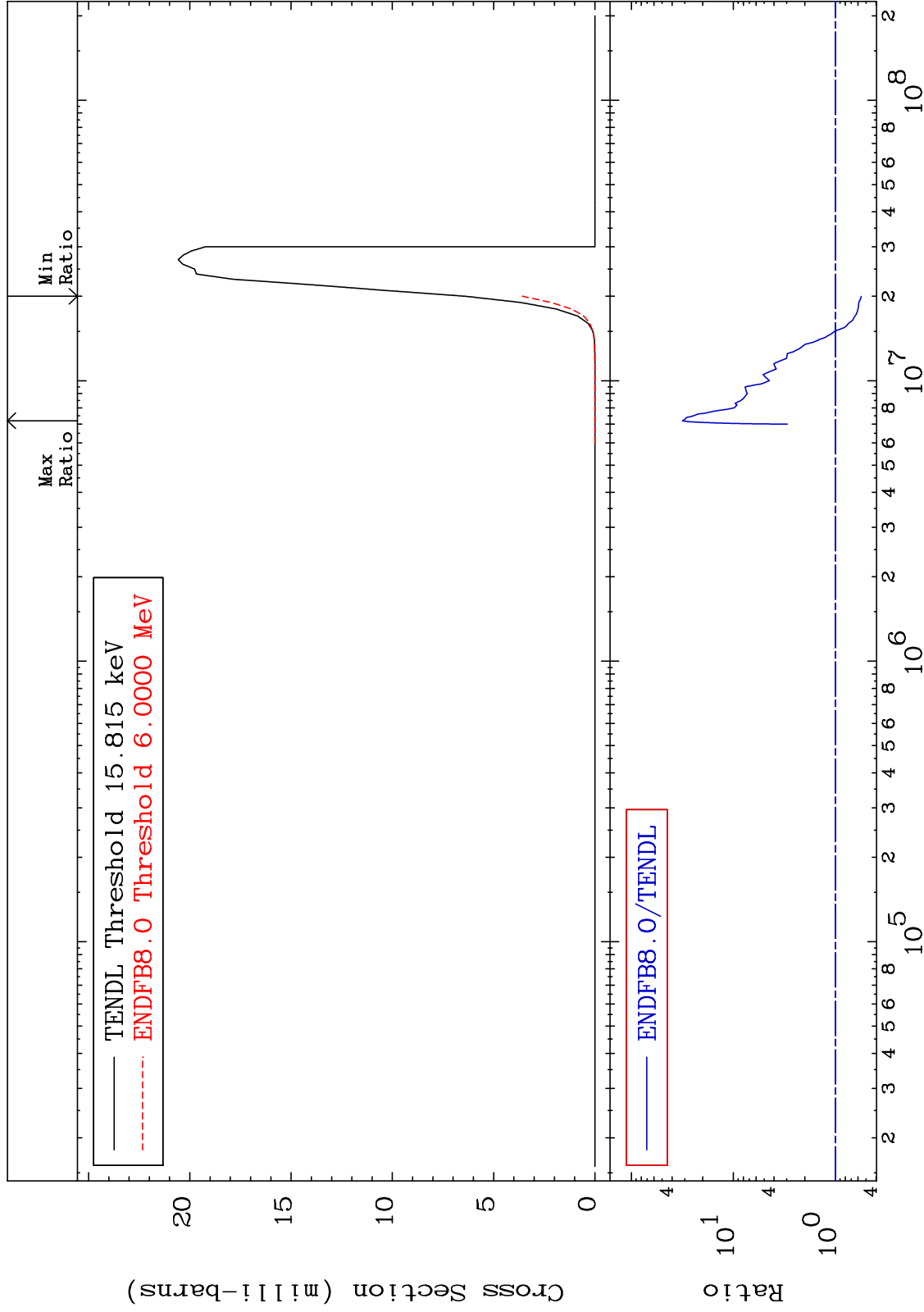
MAT 6643

(n, n') α

66-Dy-162

Cross Section

-44.21 To 3061. %



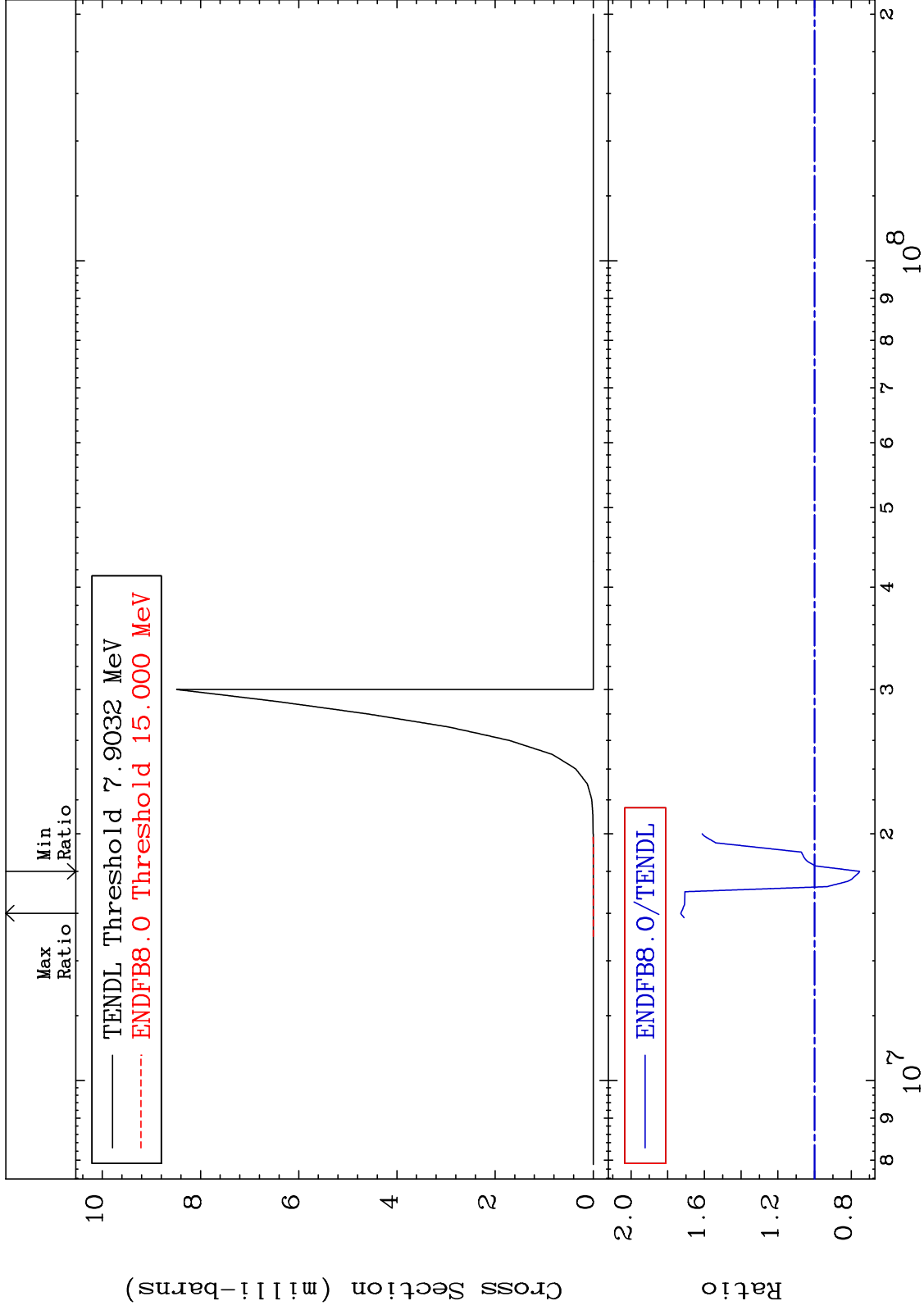
MAT 6643

(n,2n) α

66-Dy-162

Cross Section

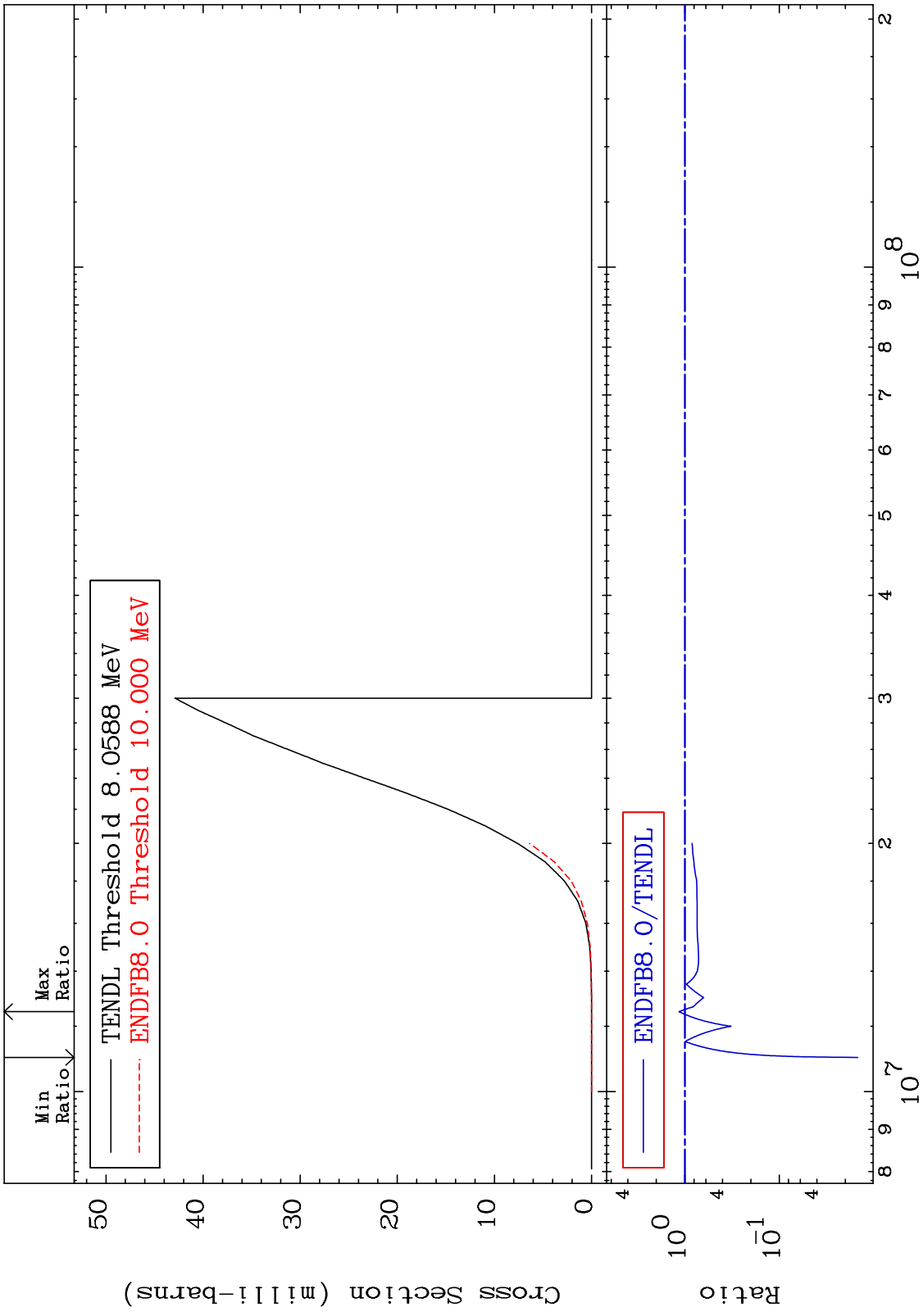
-24.61 To 72.86 %



Incident Energy (eV)

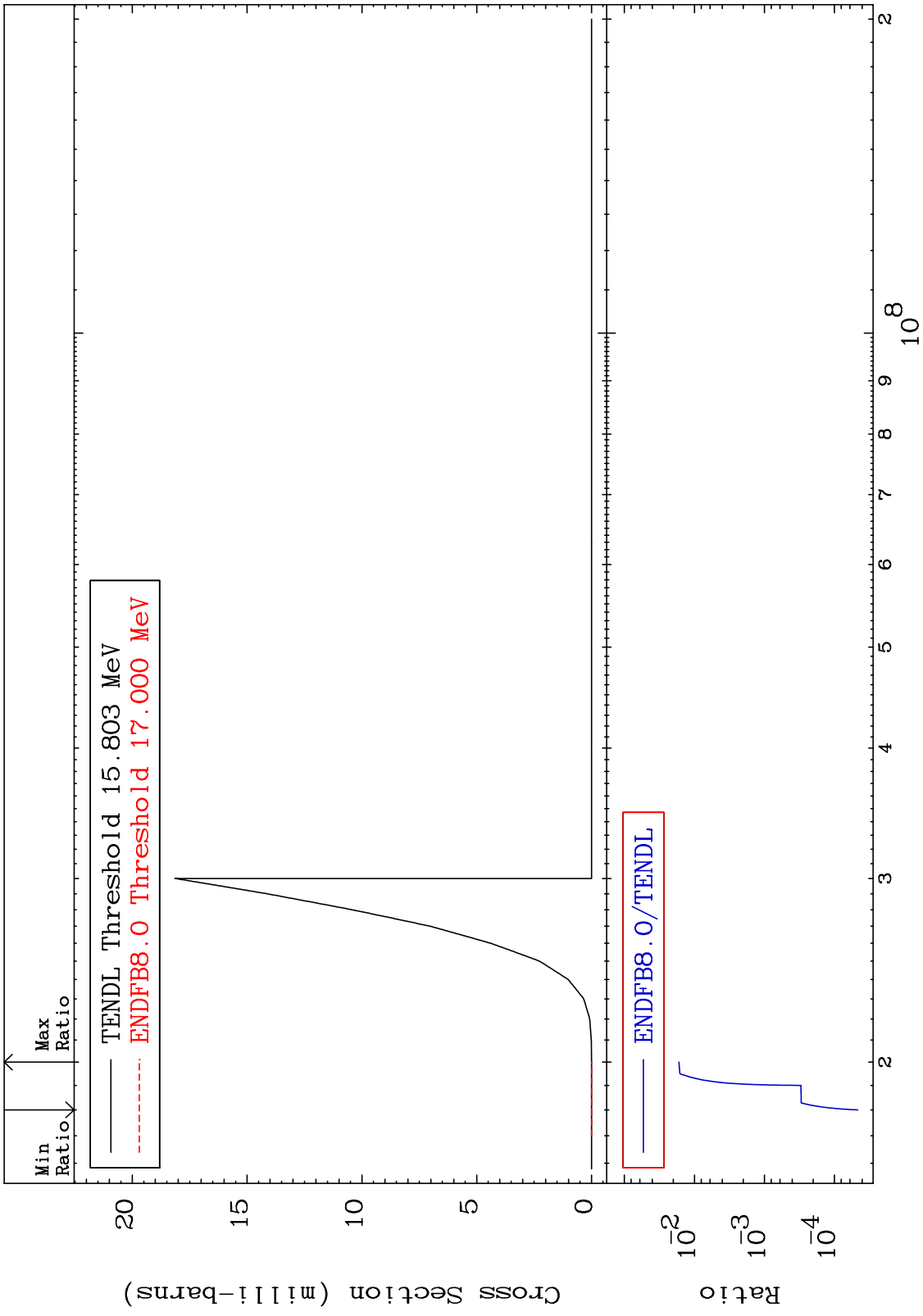
66-Dy-162

MAT 6643 (n,n') p 66-Dy-162
 Cross Section -98.52 To 15.04 %



8 8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2
 66-Dy-162

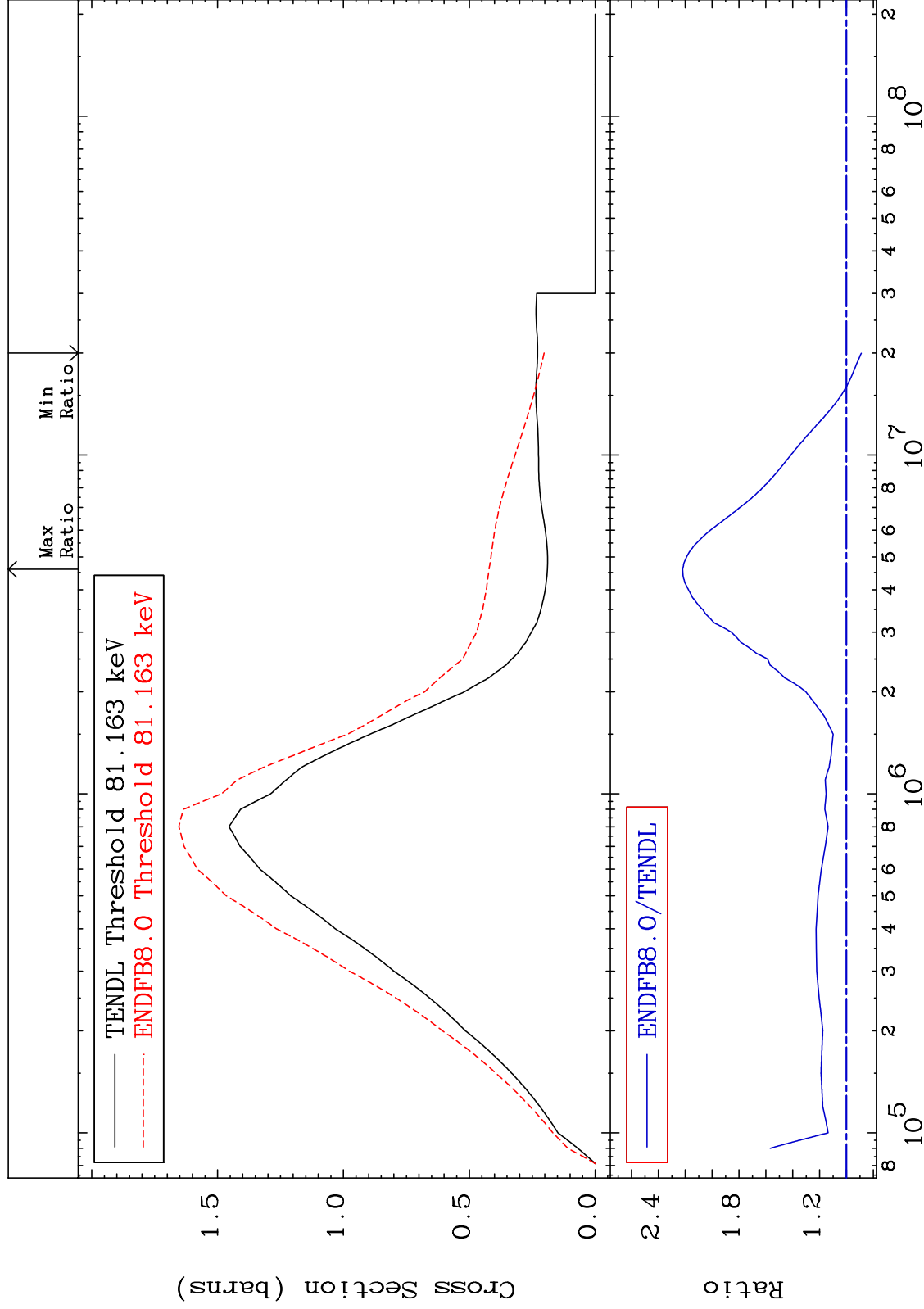
MAT 6643 (n,2n) p 66-Dy-162
 Cross Section -100.0 To -98.34%



MAT 6643

MT= 51 (n,n') Level
Cross Section

66-Dy-162
-11.07 To 121.9 %

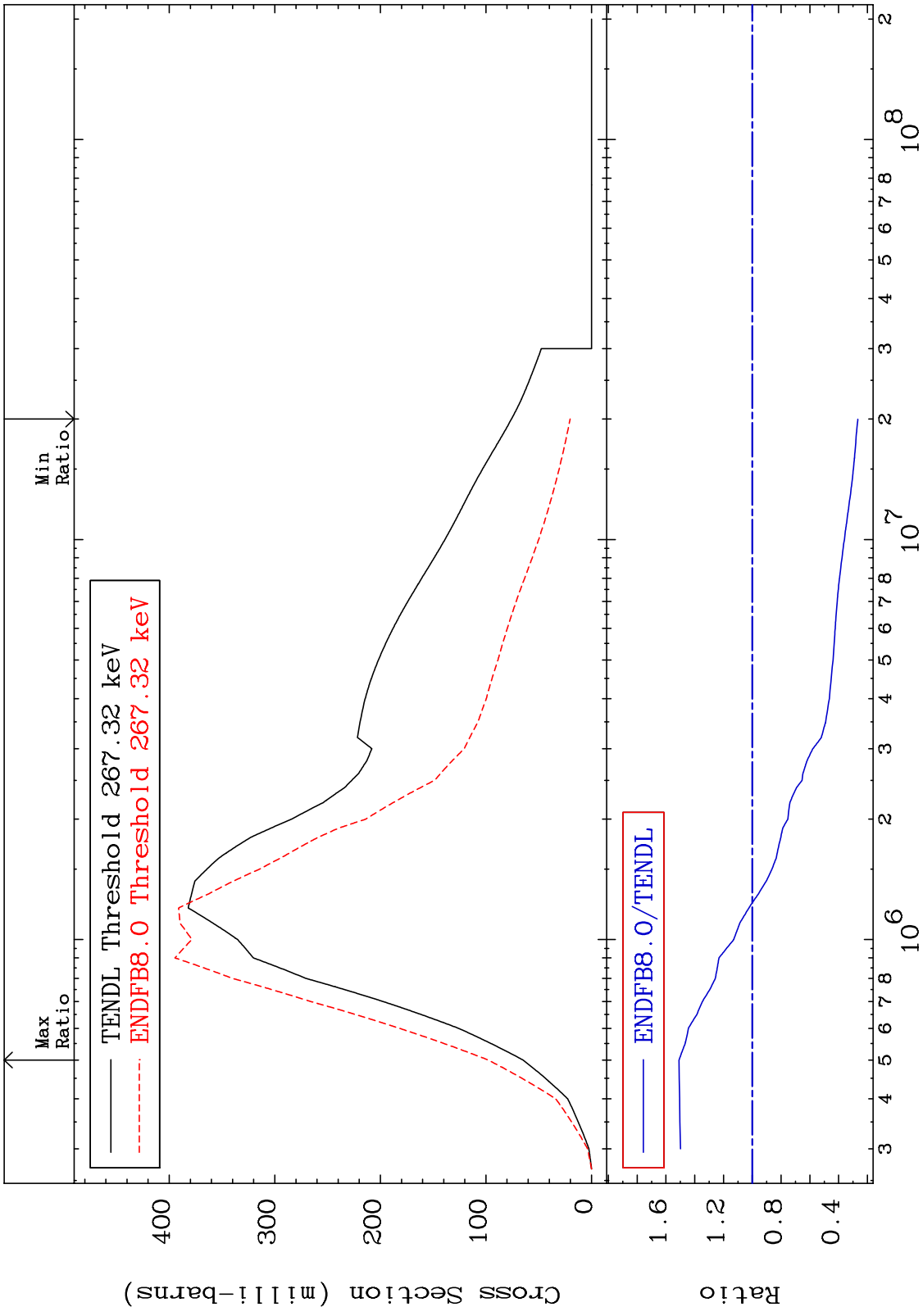


10

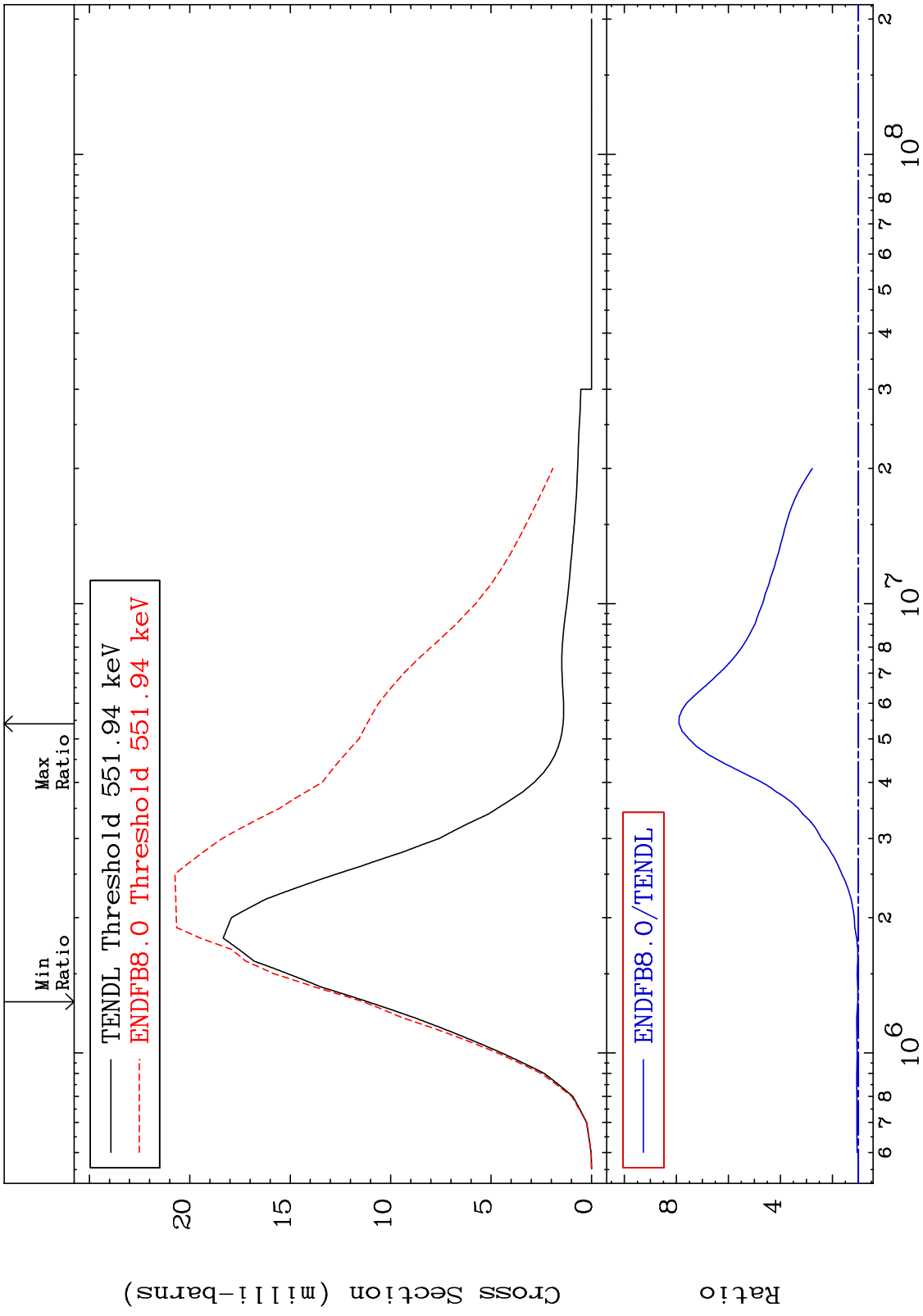
Incident Energy (eV)

66-Dy-162

MAT 6643 MT= 52 (n,n') Level Cross Section 66-Dy-162
 -73.33 To 50.90 %

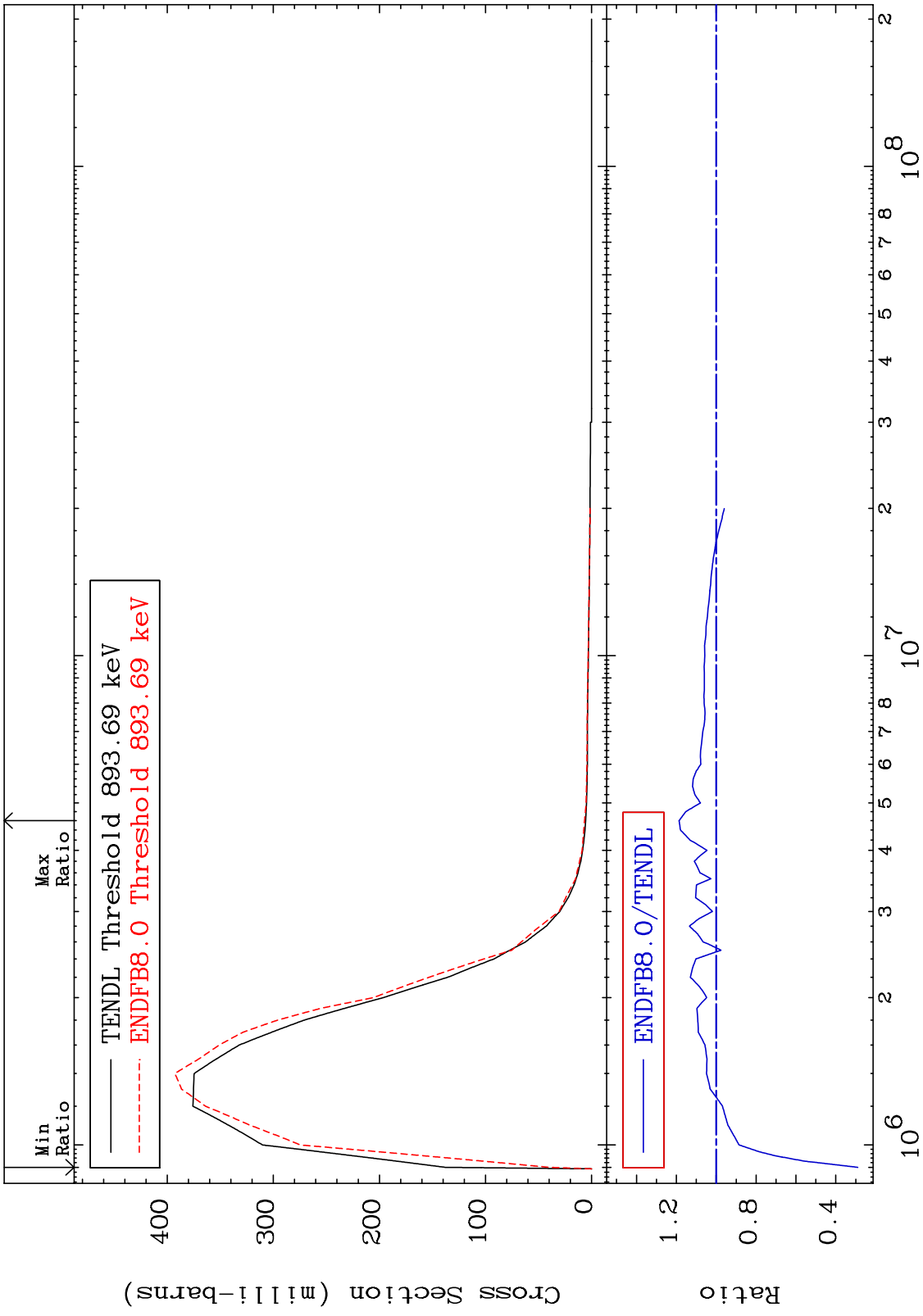


MAT 6643 MT= 53 (n,n') Level Cross Section 66-Dy-162
 1.918 To 689.7 %



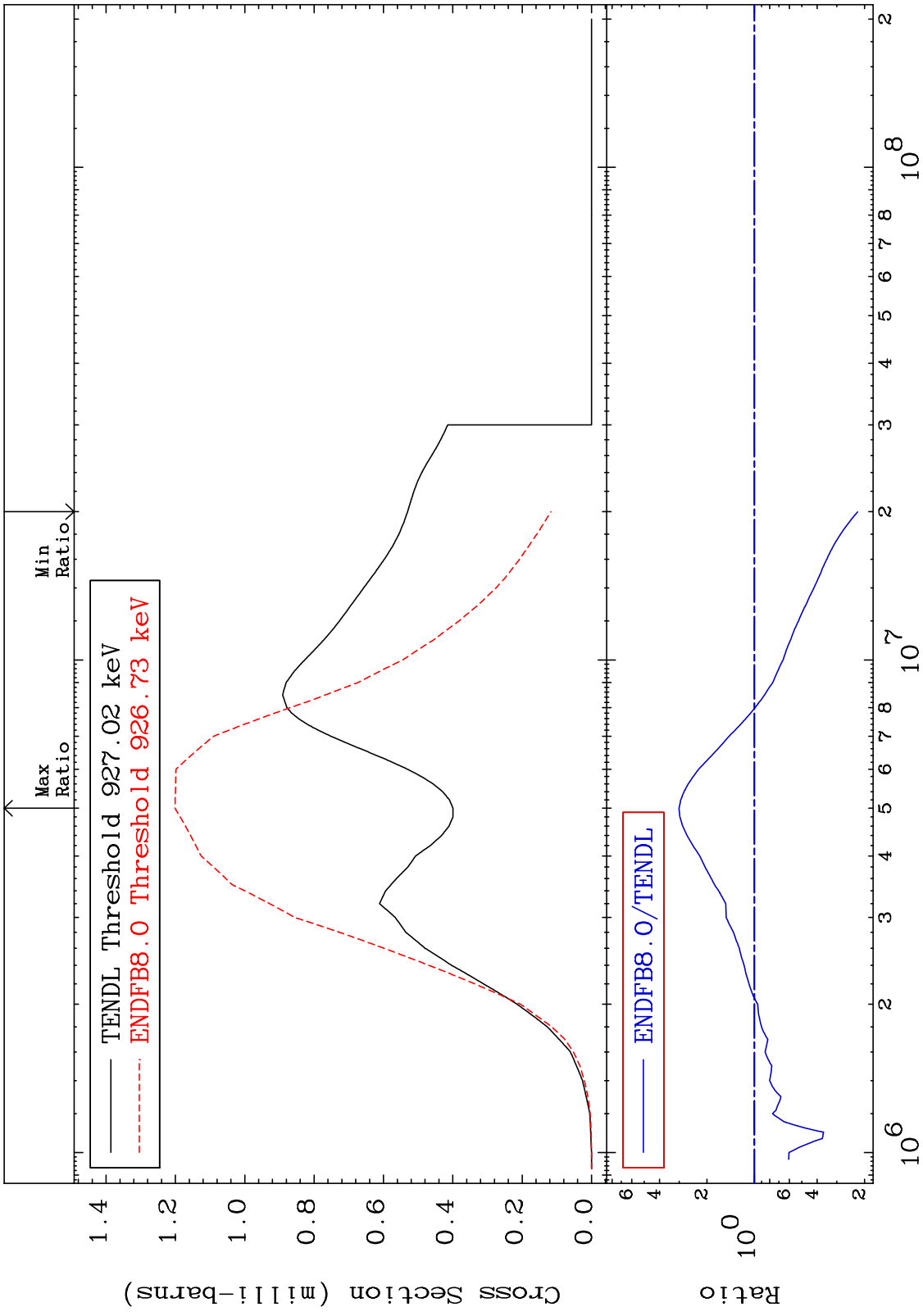
12 Incident Energy (eV) 66-Dy-162

MAT 6643 MT= 54 (n,n') Level Cross Section 66-Dy-162 -71.05 To 18.65 %



13 Incident Energy (eV) 66-Dy-162

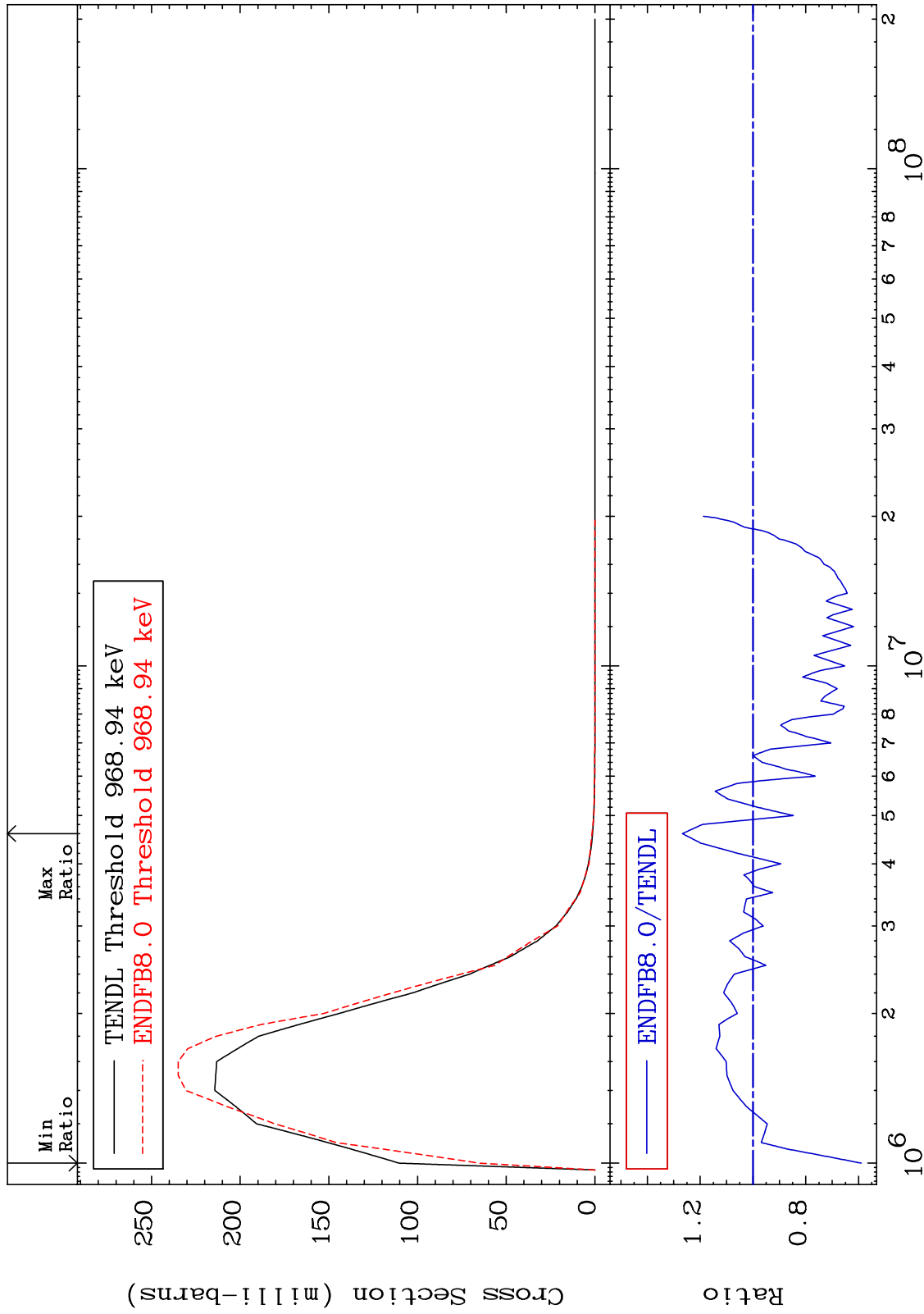
MAT 6643 MT= 55 (n,n') Level Cross Section 66-Dy-162
 -77.93 To 200.6 %



MAT 6643

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

66-Dy-162
-41.02 To 26.70 %

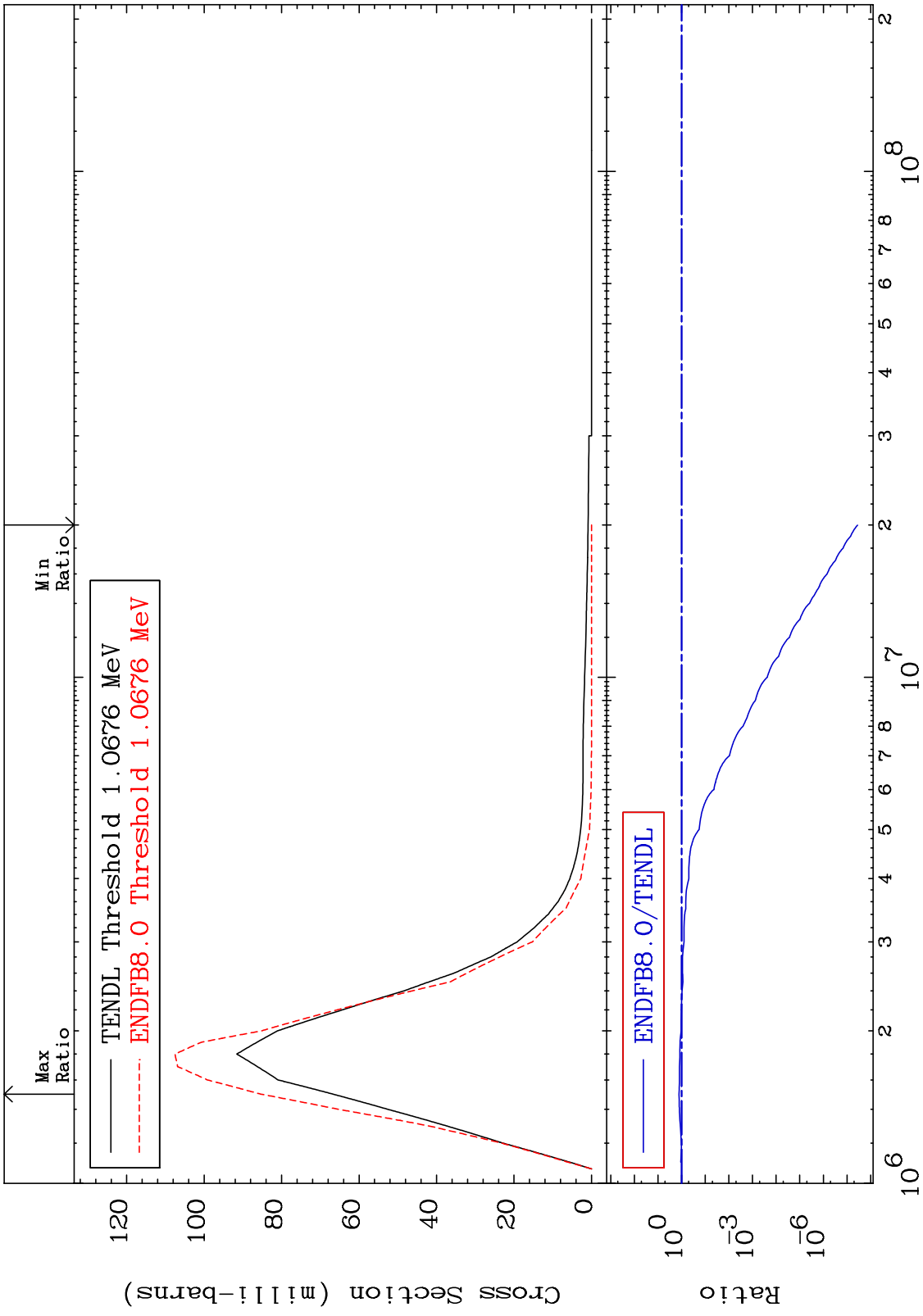


Incident Energy (eV)

66-Dy-162

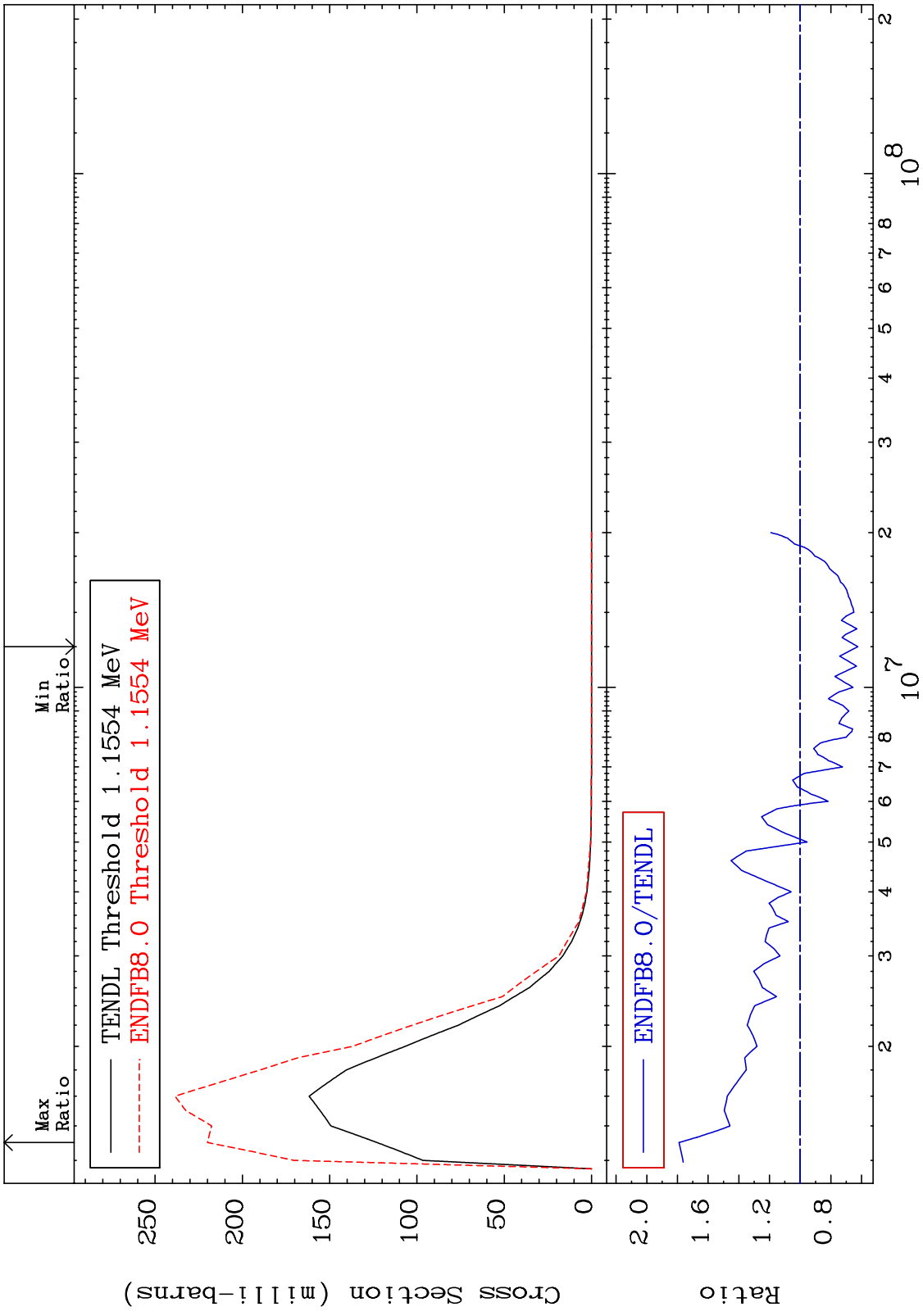
15

MAT 6643 MT= 57 (n,n') Level Cross Section 66-Dy-162
 -100.0 To 27.91 %

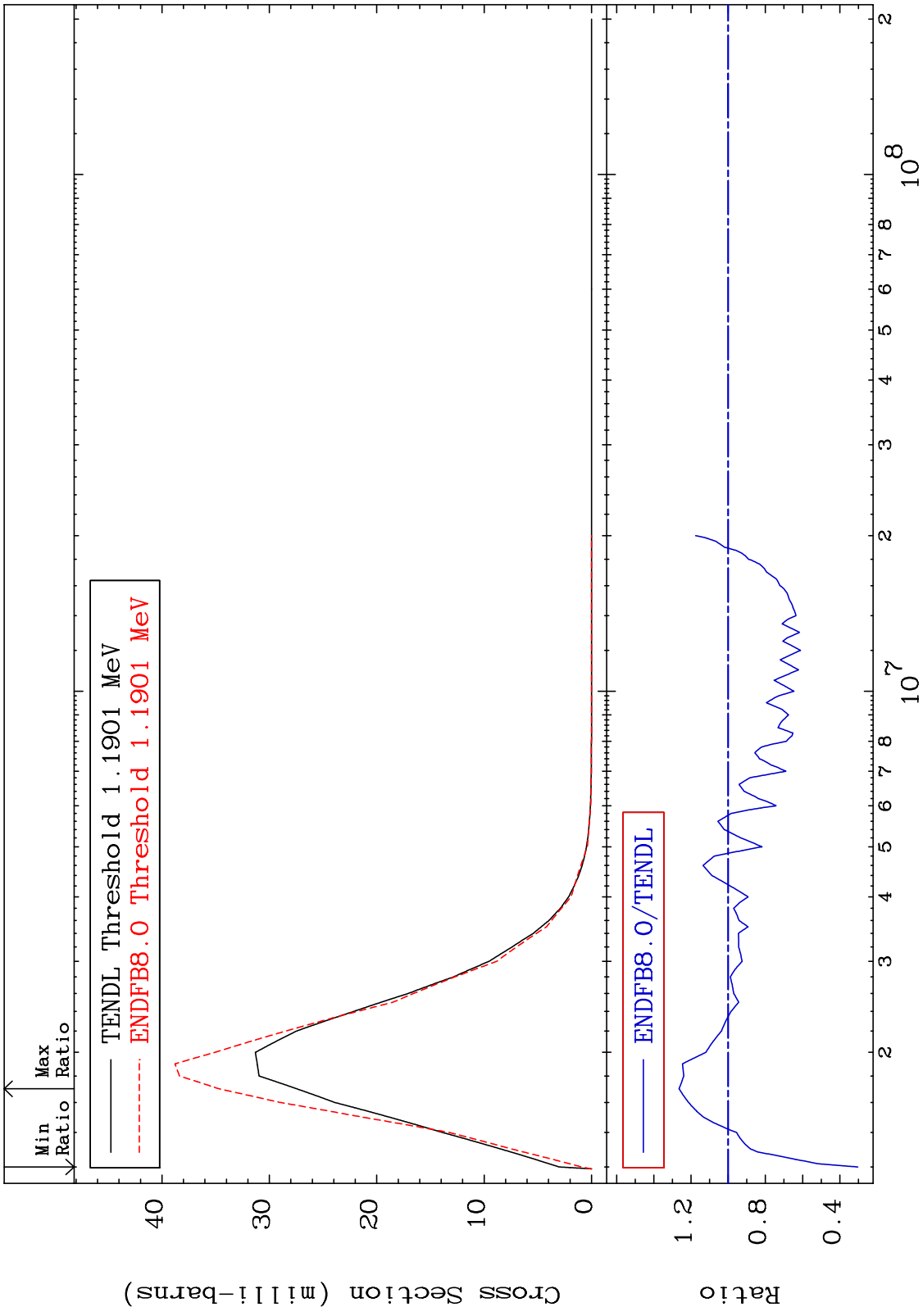


16 Incident Energy (eV) 66-Dy-162

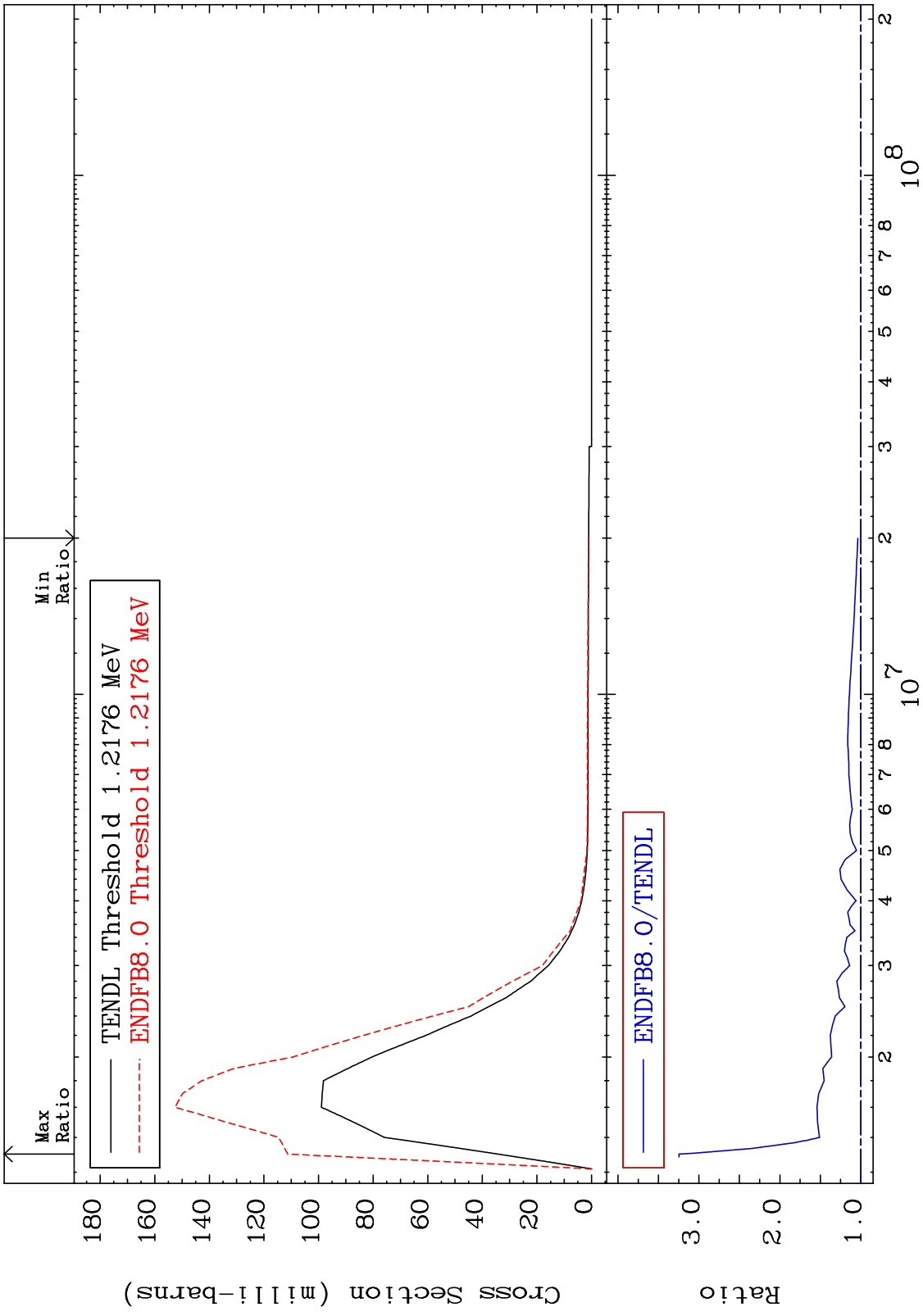
MAT 6643 MT= 58 (n,n') Level Cross Section 66-Dy-162
 -37.60 To 78.97 %



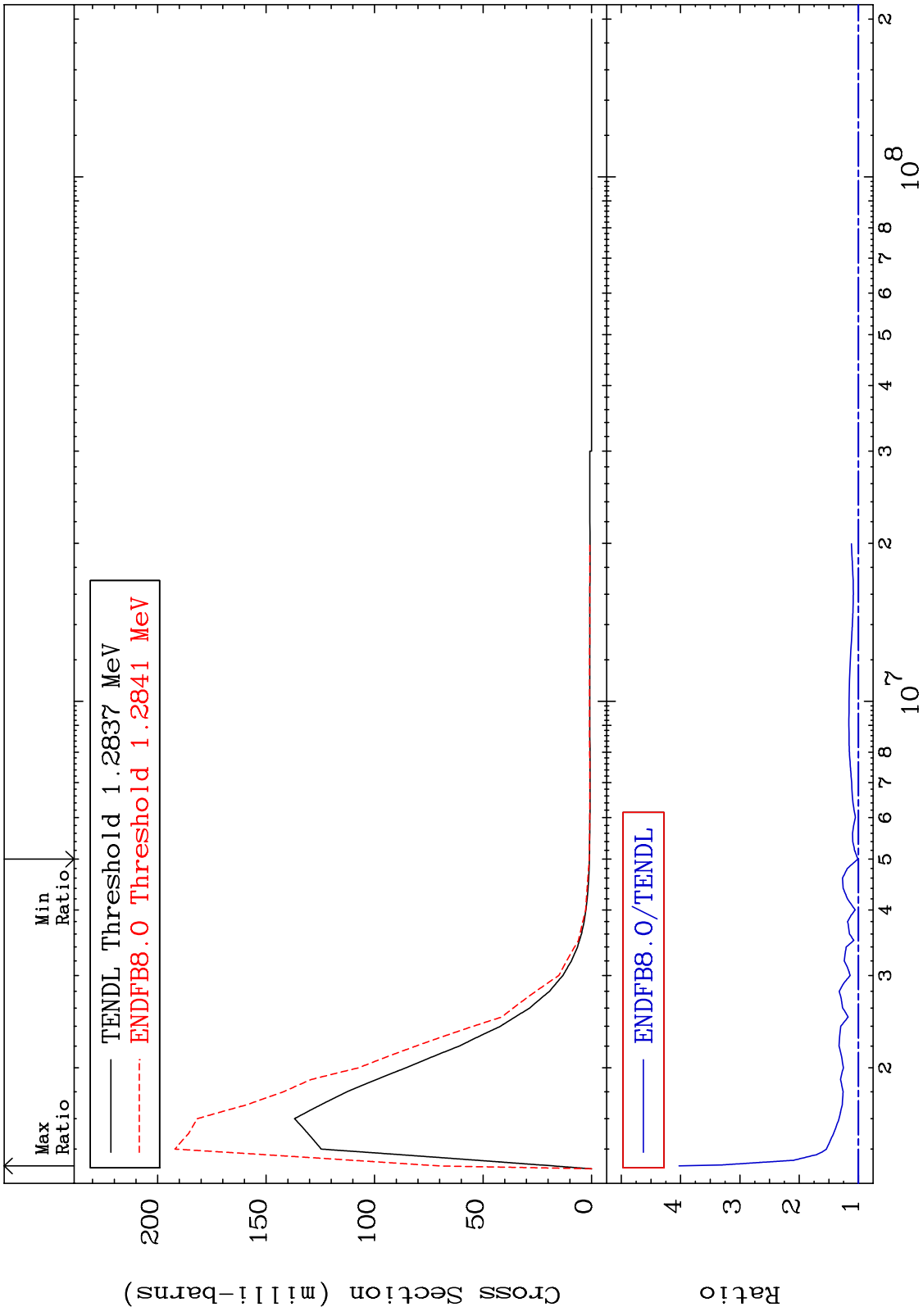
MAT 6643 MT= 59 (n,n') Level Cross Section 66-Dy-162
 -69.70 To 26.43 %



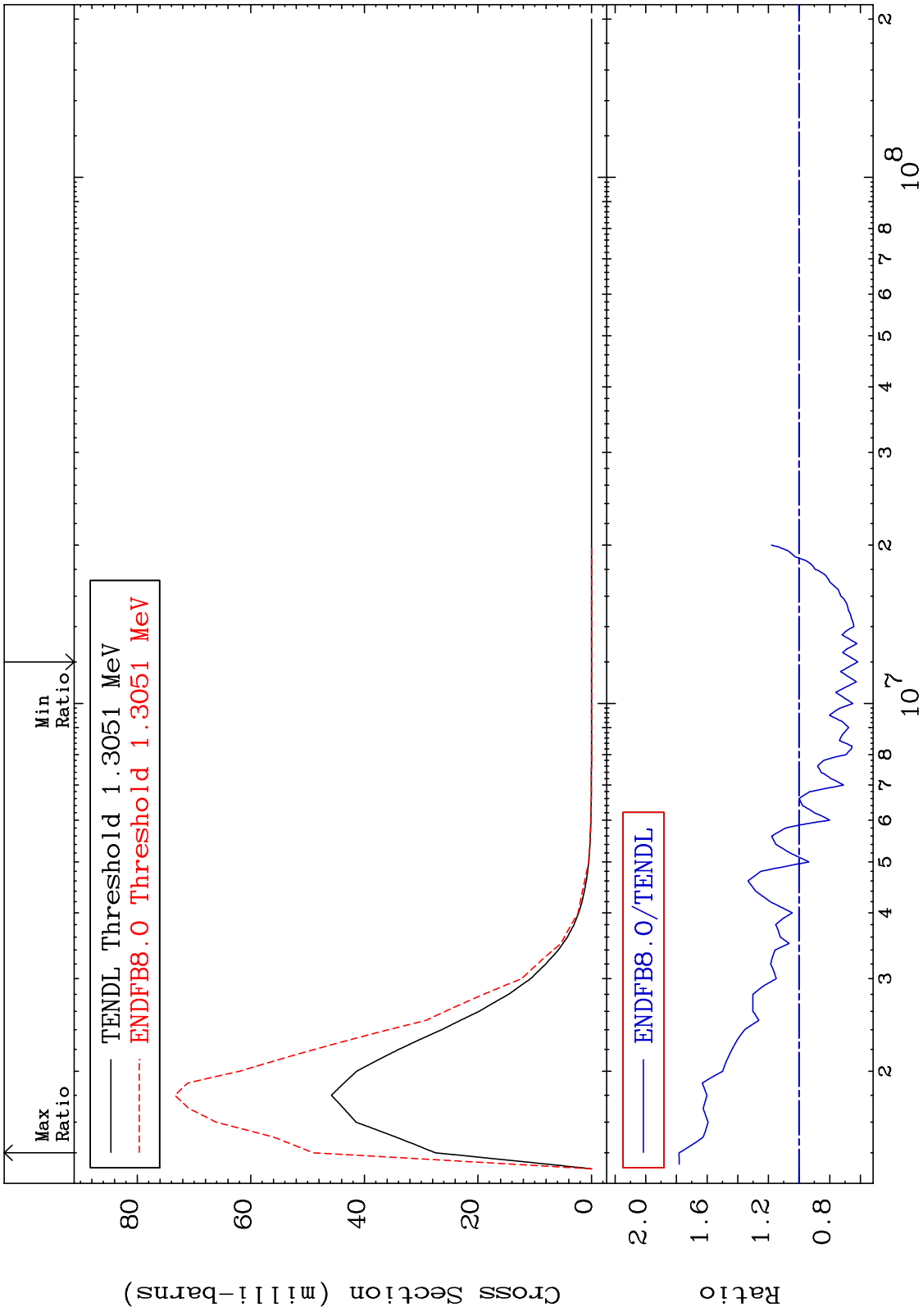
MAT 6643 MT= 60 (n,n') Level Cross Section 66-Dy-162 To 224.6 %
 3.660



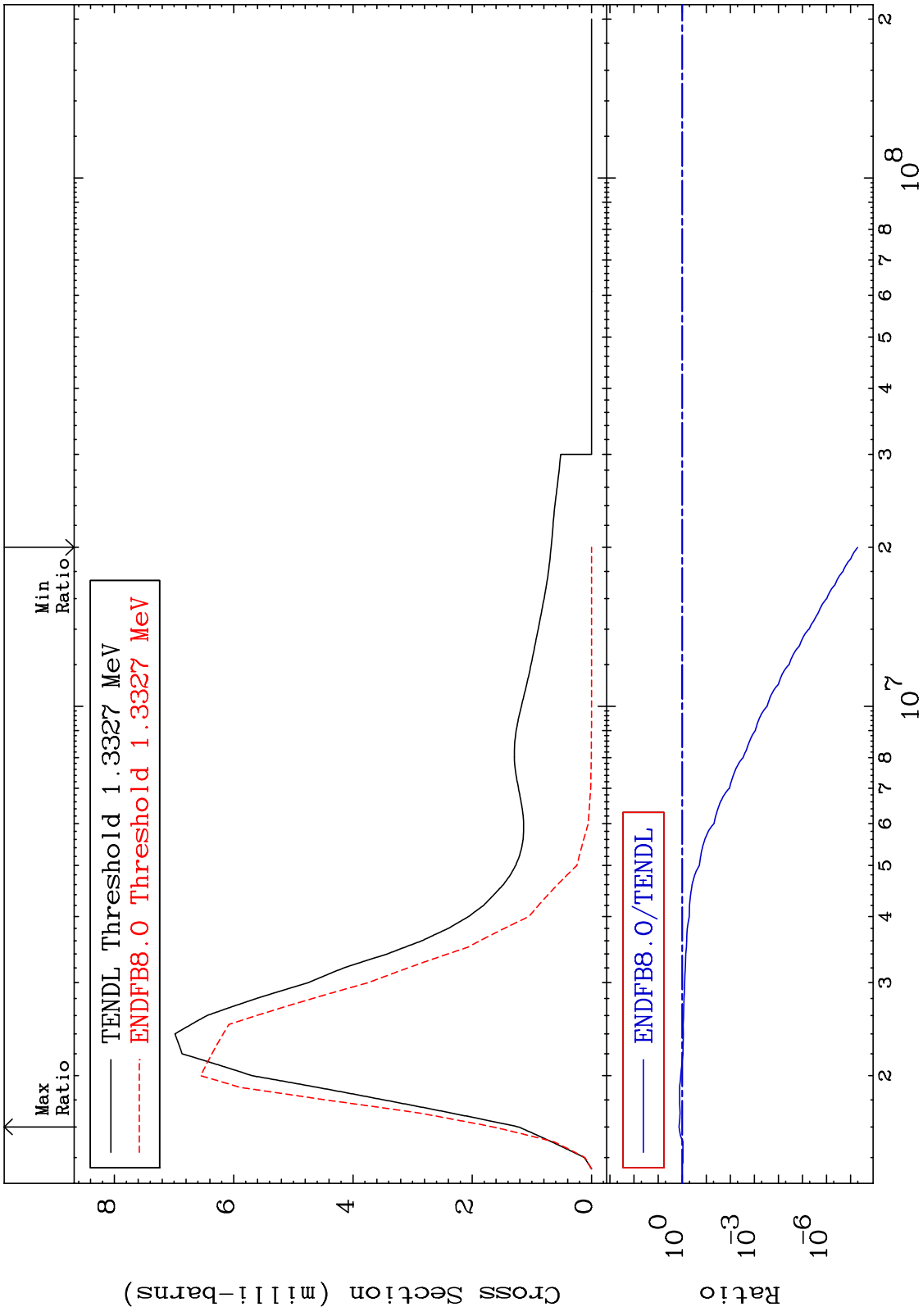
MAT 6643 MT= 61 (n,n') Level Cross Section 66-Dy-162 1.095 To 302.6 %



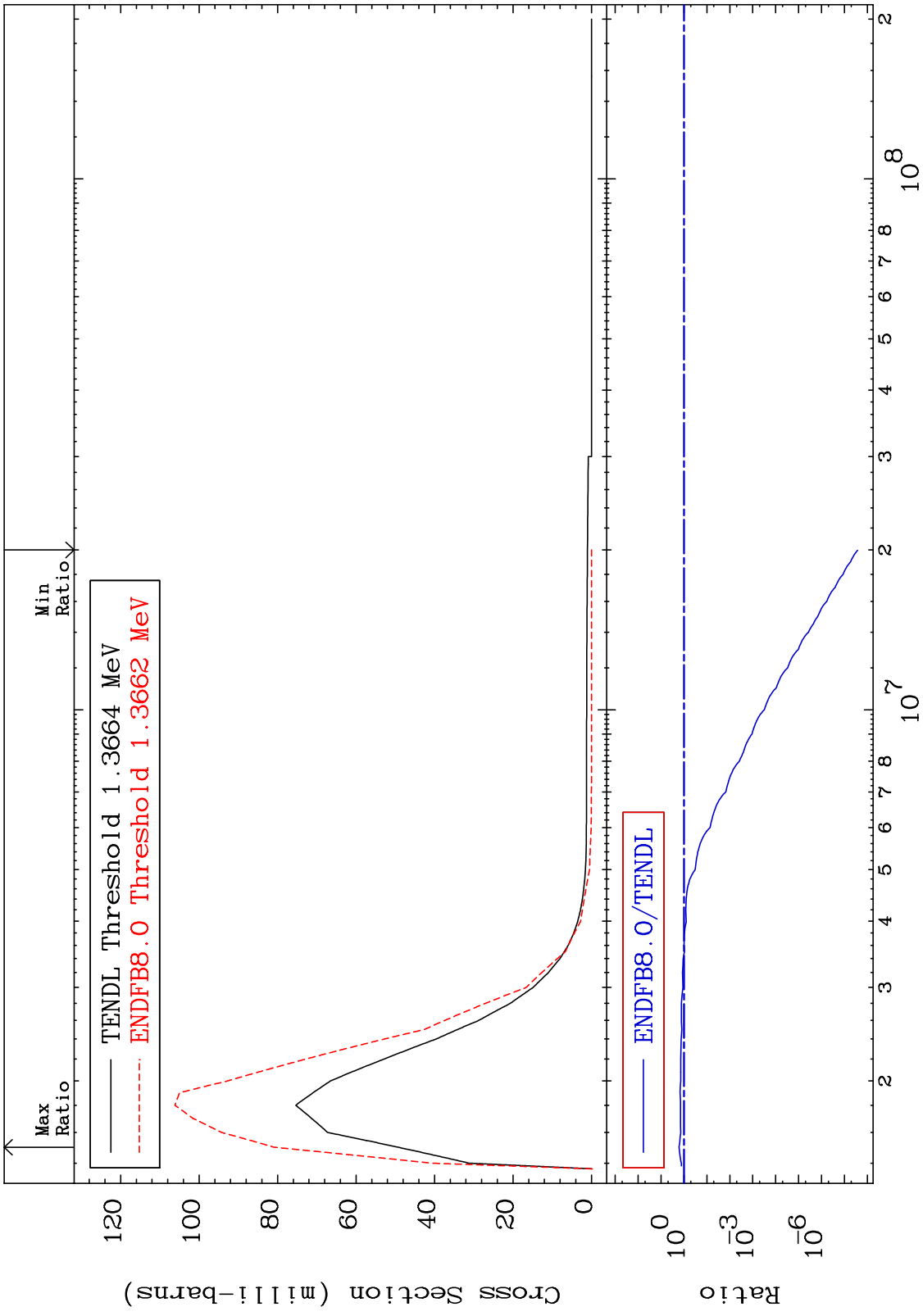
MAT 6643 MT= 62 (n,n') Level Cross Section 66-Dy-162
 -38.34 To 78.28 %



MAT 6643 MT= 63 (n,n') Level Cross Section 66-Dy-162
 -100.0 To 34.75 %



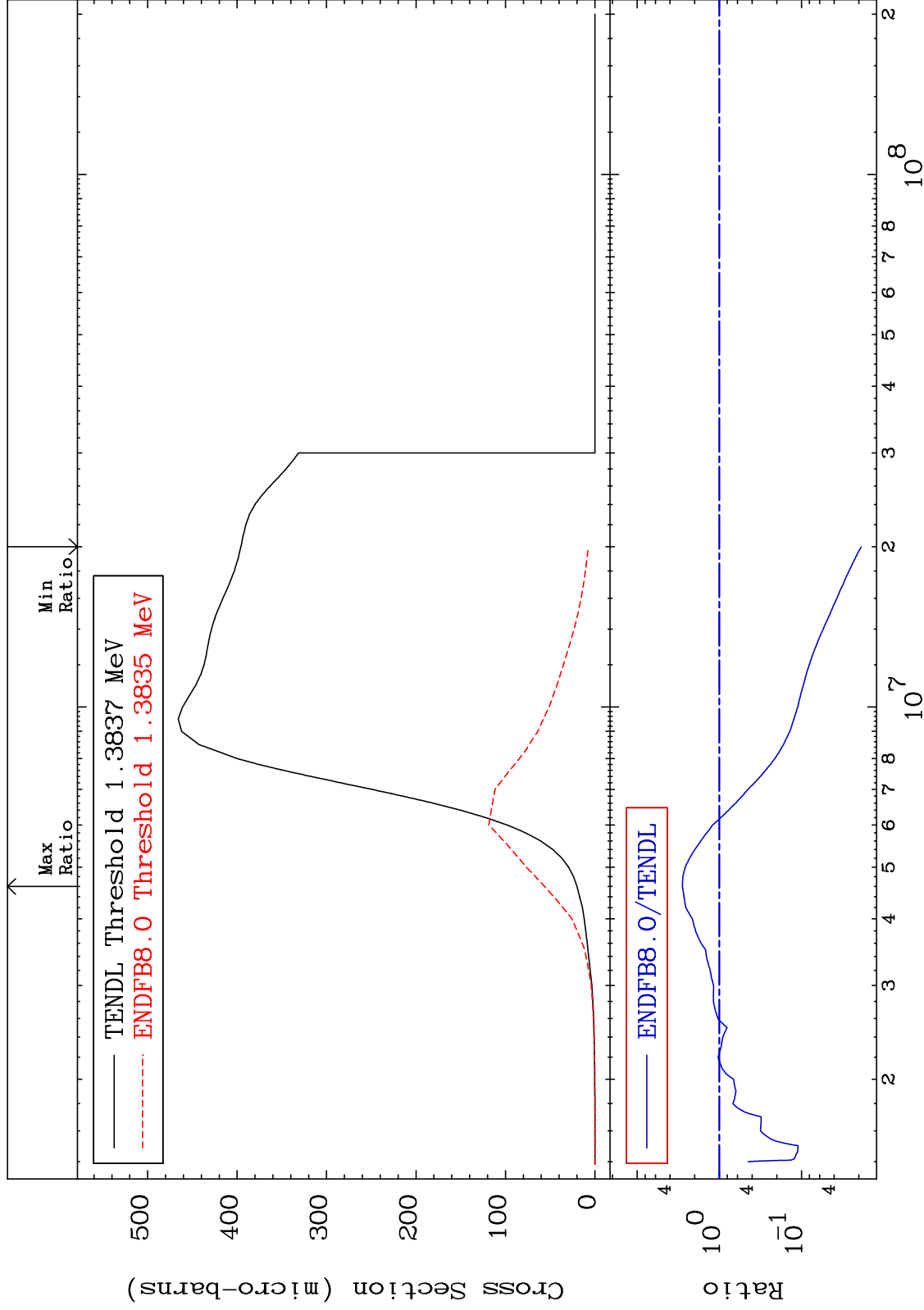
MAT 6643 MT= 64 (n,n') Level Cross Section 66-Dy-162
 -100.0 To 64.24 %



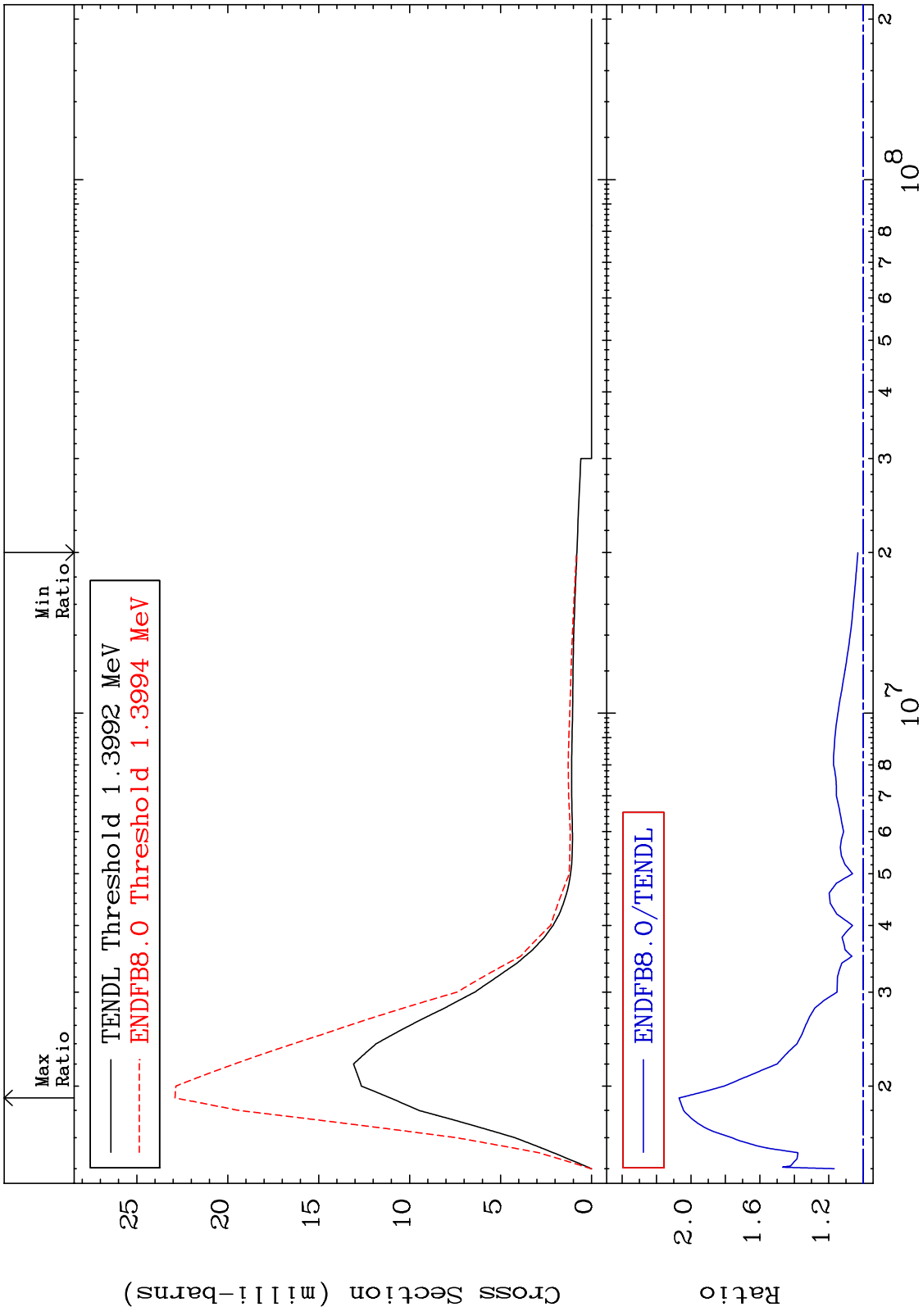
MAT 6643

MT= 65 (n,n') Level
Cross Section

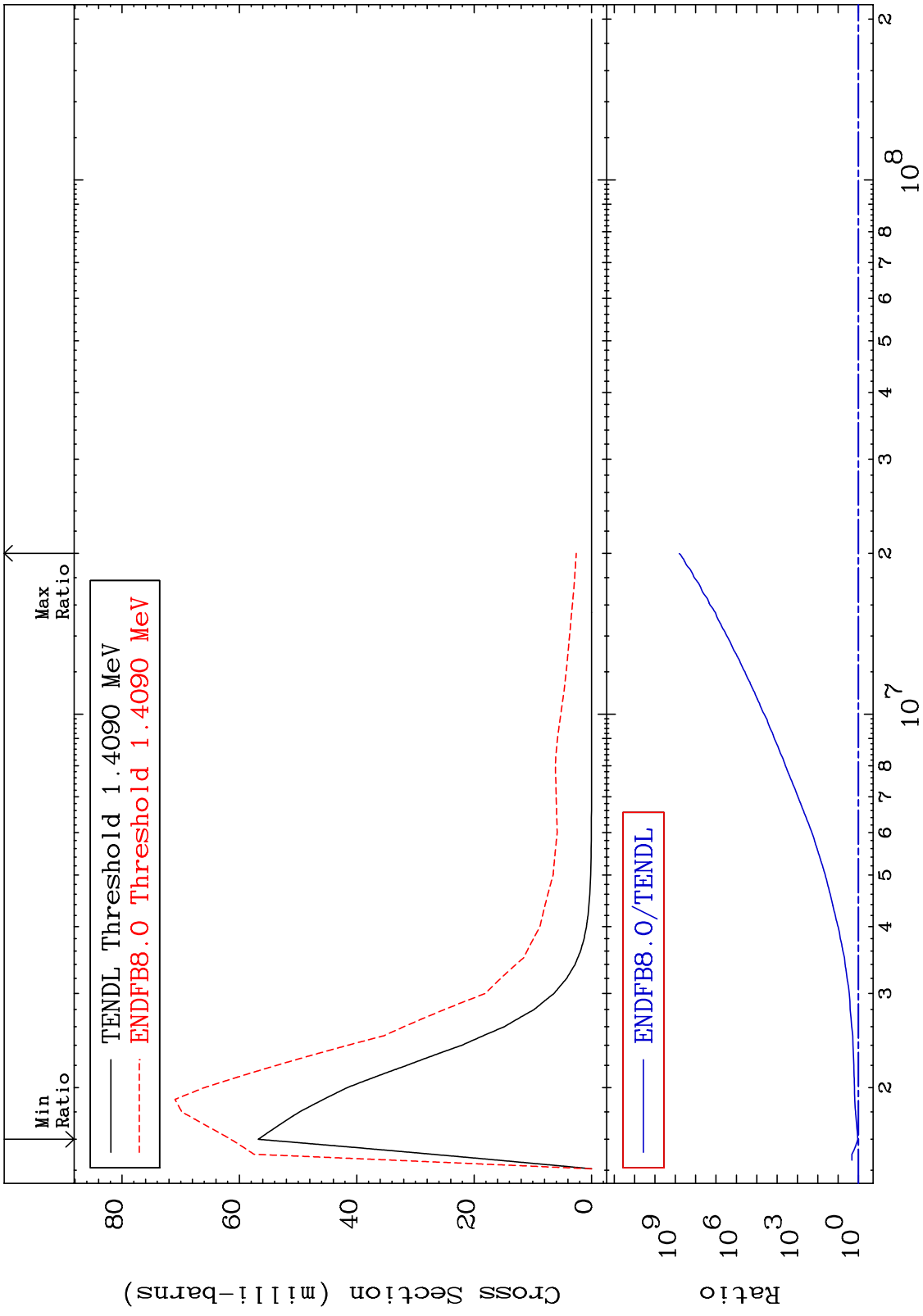
66-Dy-162
-98.13 To 181.2 %



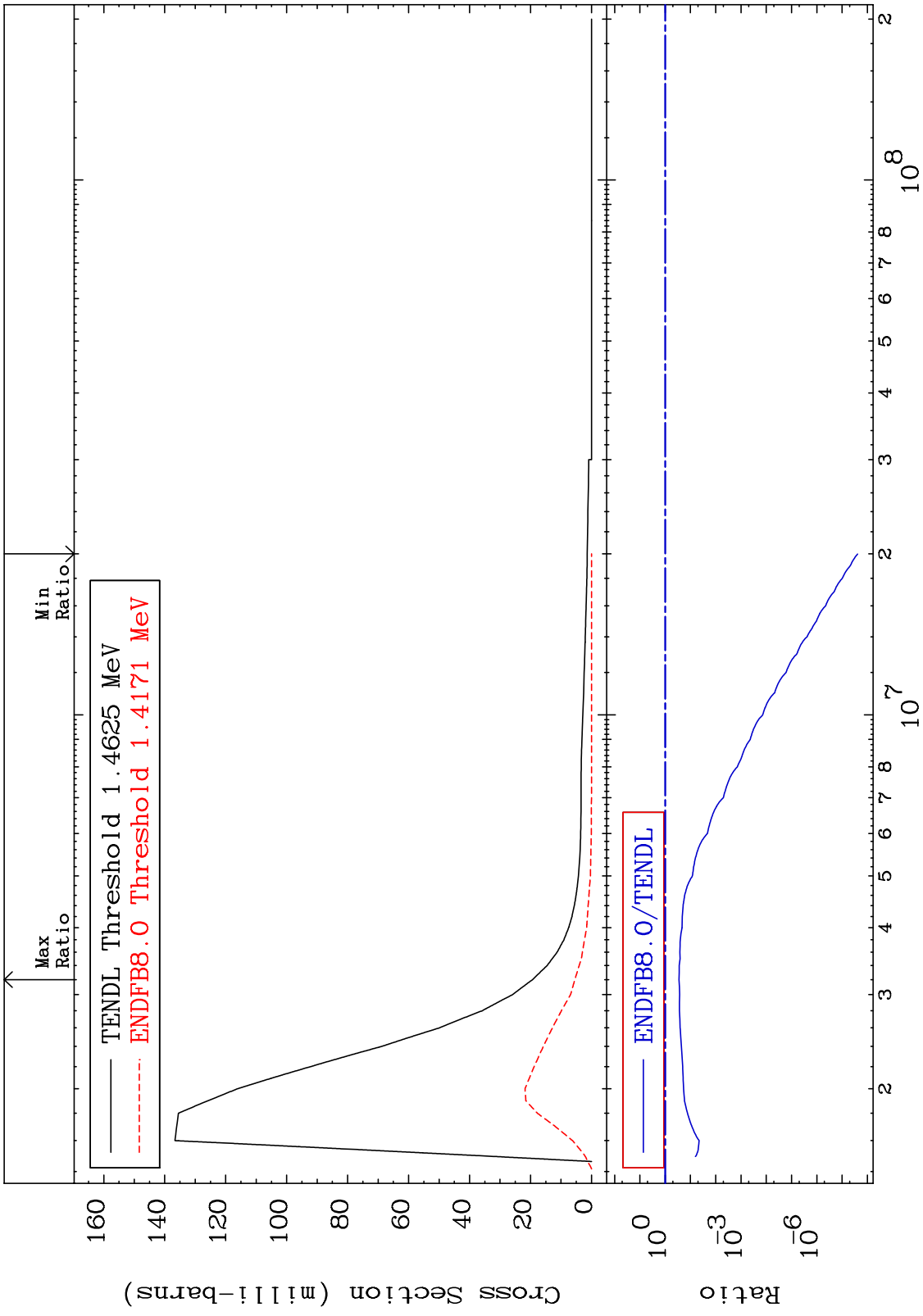
MAT 6643 MT= 66 (n,n') Level Cross Section 66-Dy-162
 3.101 To 106.9 %



MAT 6643 MT= 67 (n,n') Level Cross Section 66-Dy-162 8.247 To 9999. %



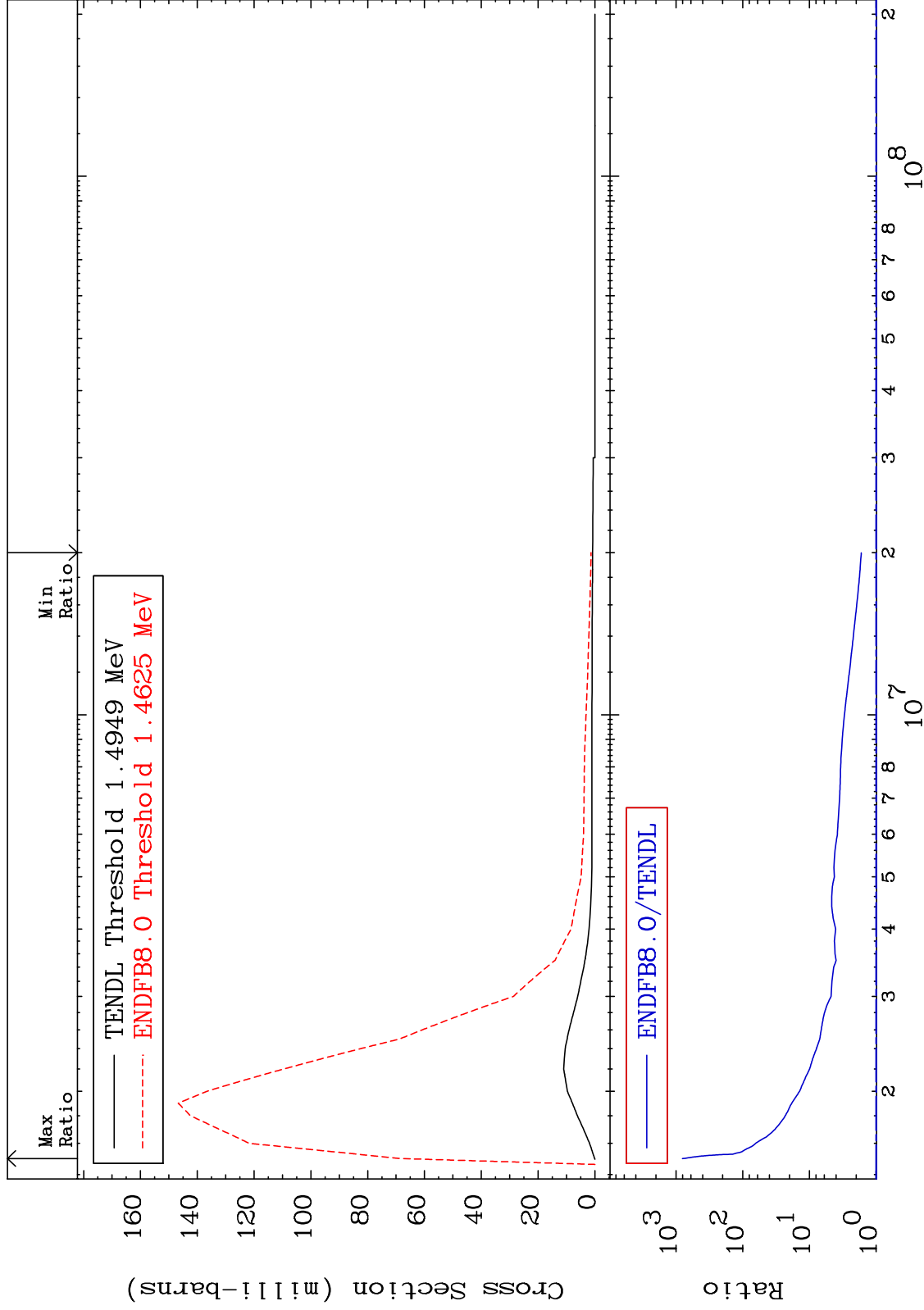
MAT 6643 MT= 68 (n,n') Level 66-Dy-162
 Cross Section -100.0 To -71.75%



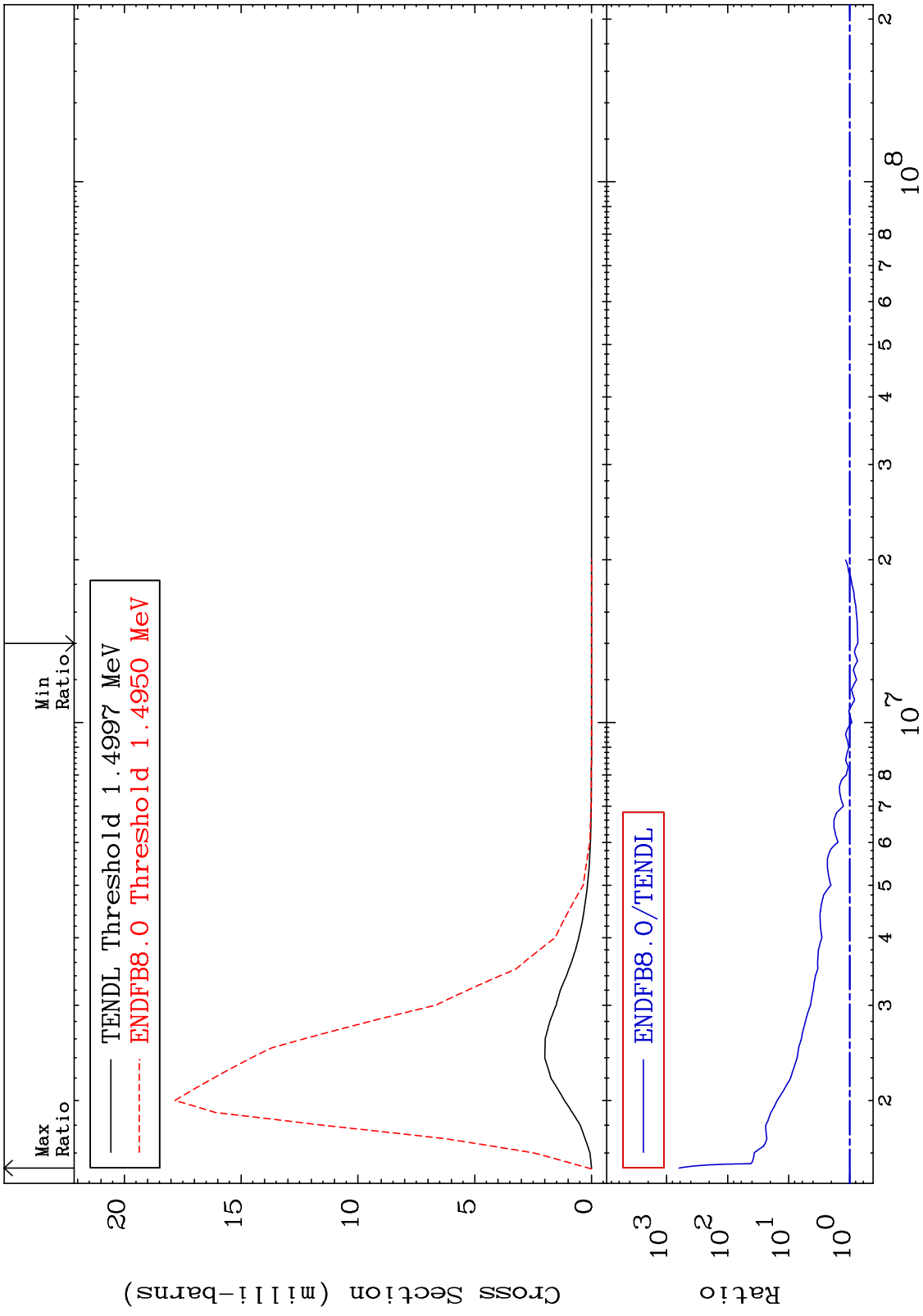
MAT 6643

MT= 69 (n,n') Level
Cross Section

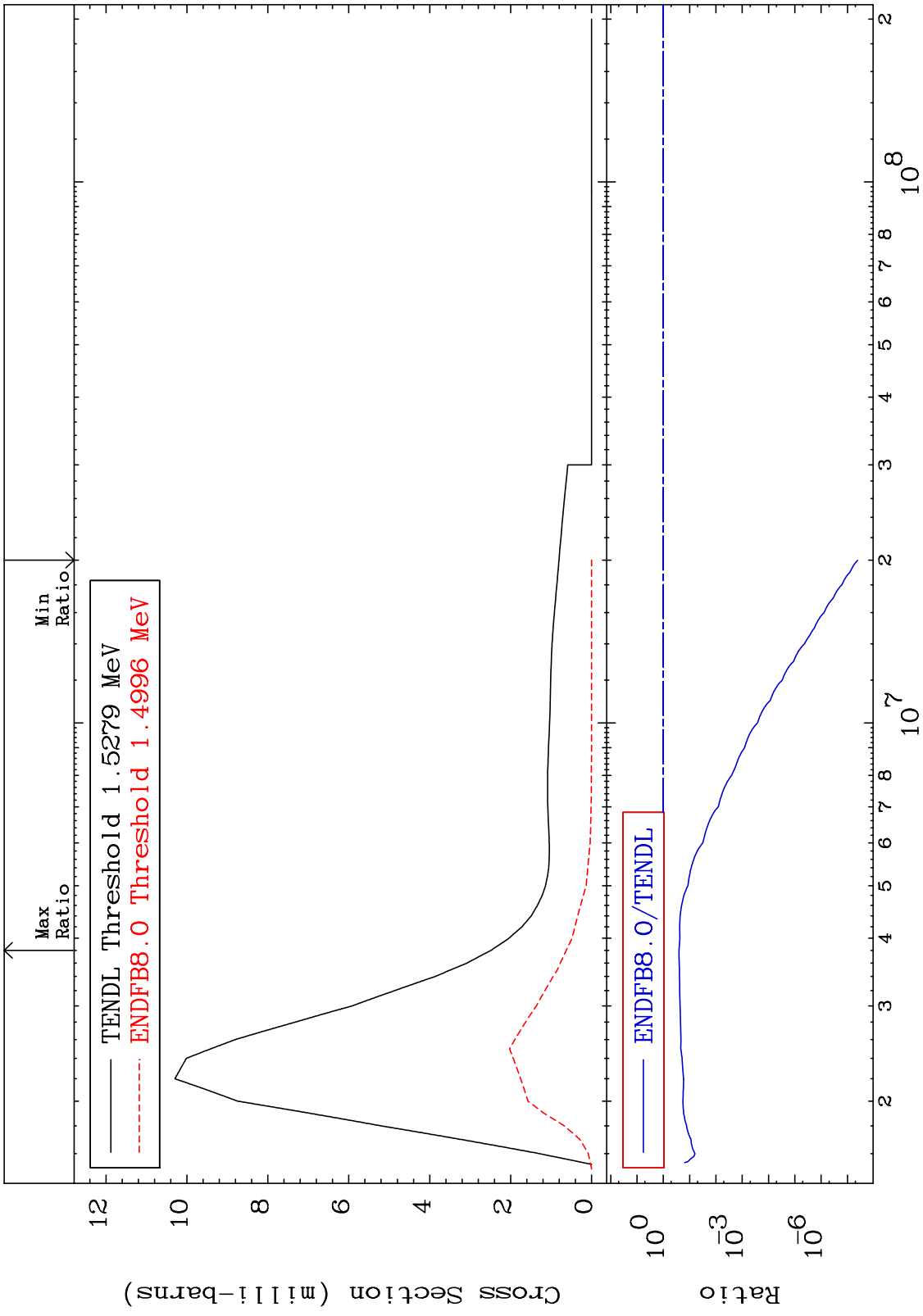
66-Dy-162
67.41 To 9999. %



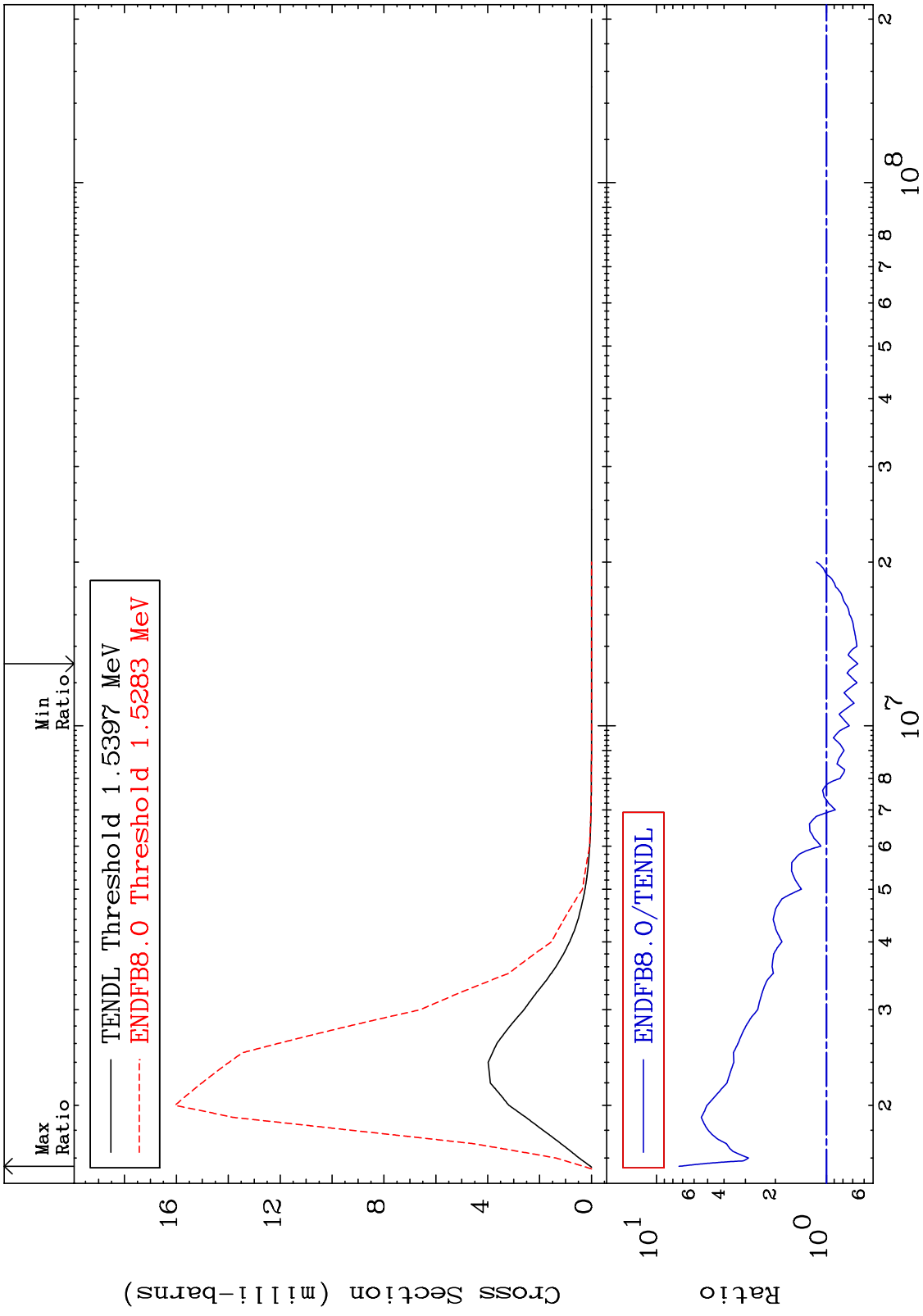
MAT 6643 MT= 70 (n,n') Level Cross Section 66-Dy-162
 -26.26 To 9999. %



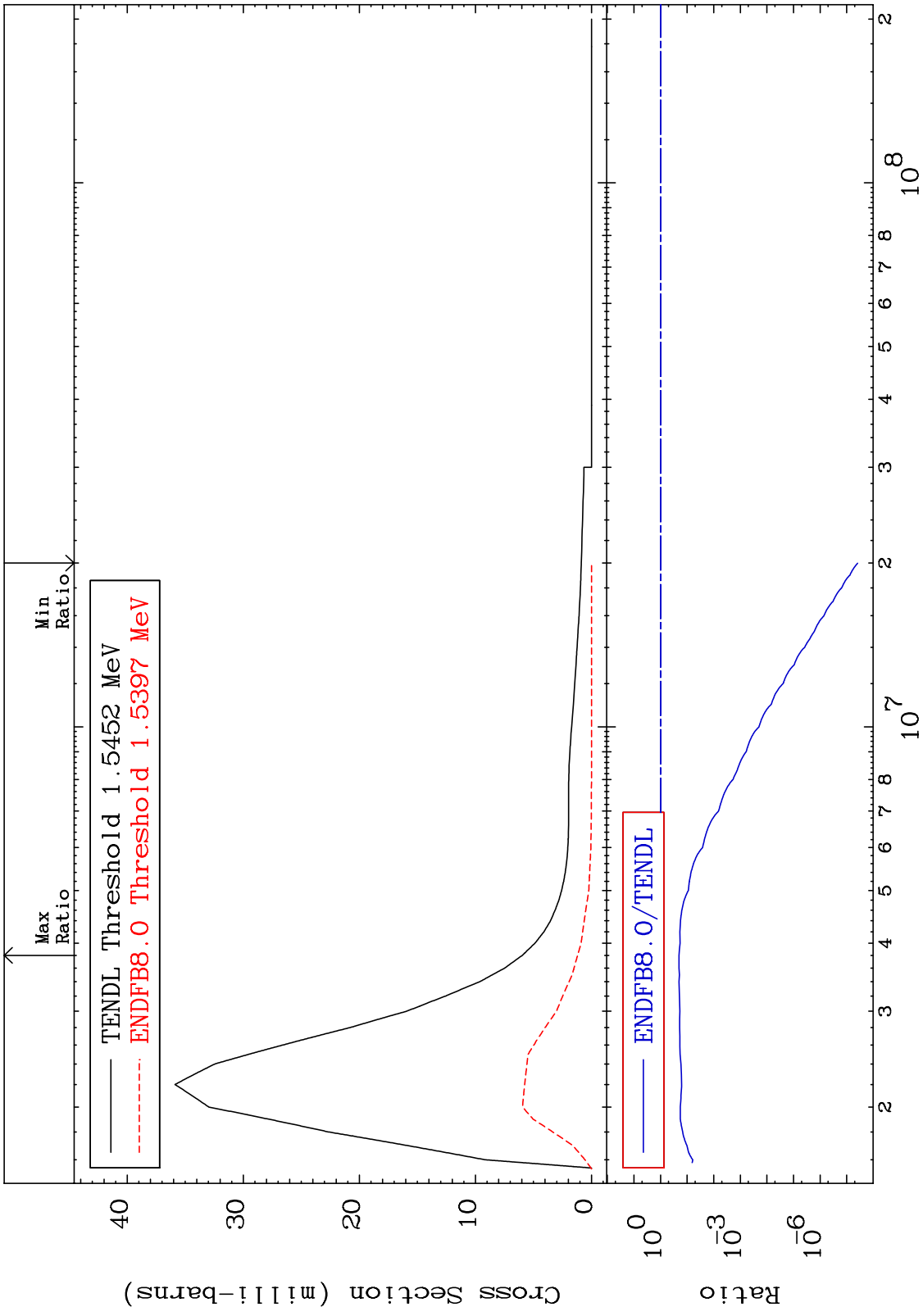
MAT 6643 MT= 71 (n,n') Level Cross Section 66-Dy-162
 -100.0 To -74.81%



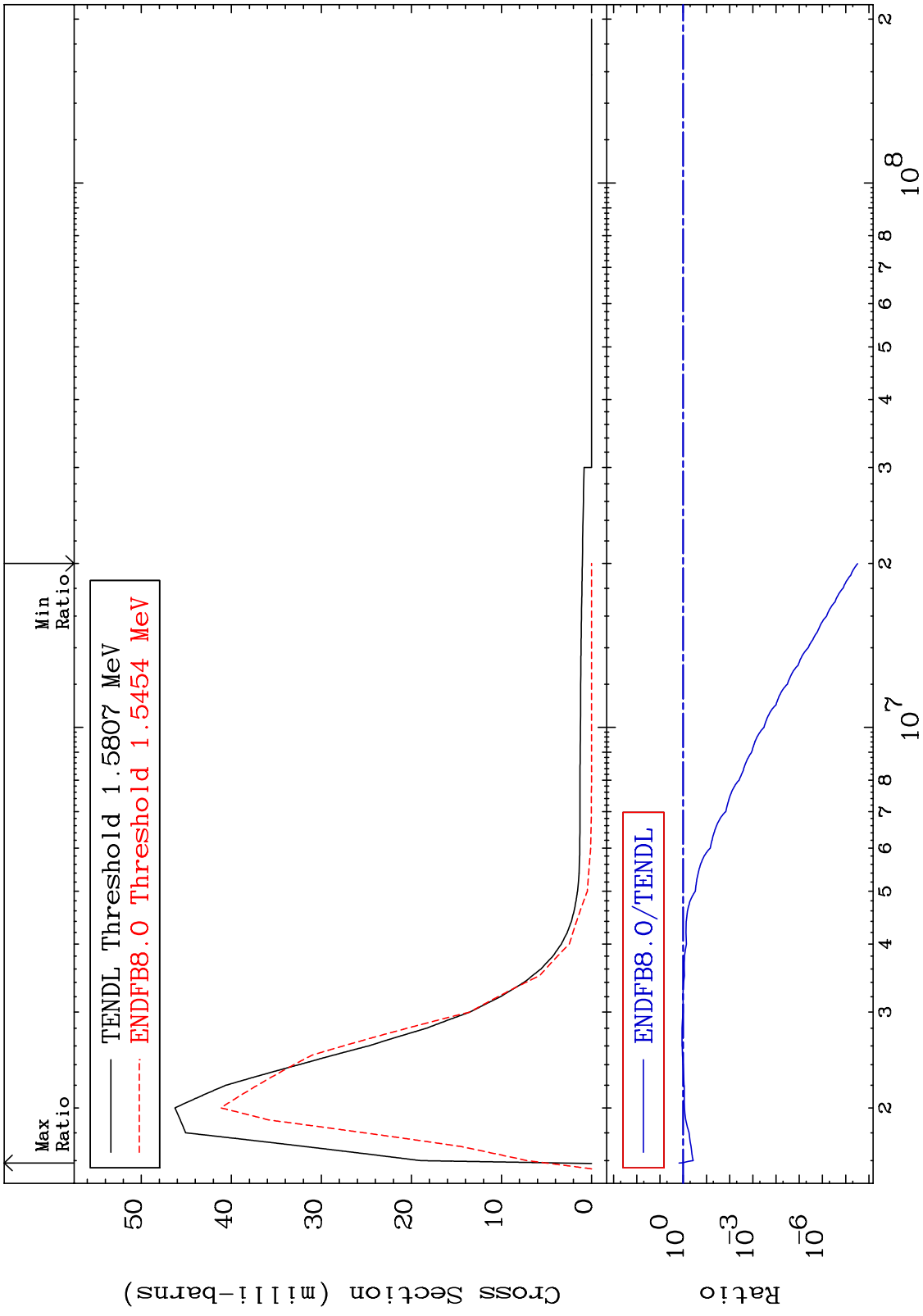
MAT 6643 MT= 72 (n,n') Level Cross Section 66-Dy-162
 -34.62 To 636.3 %



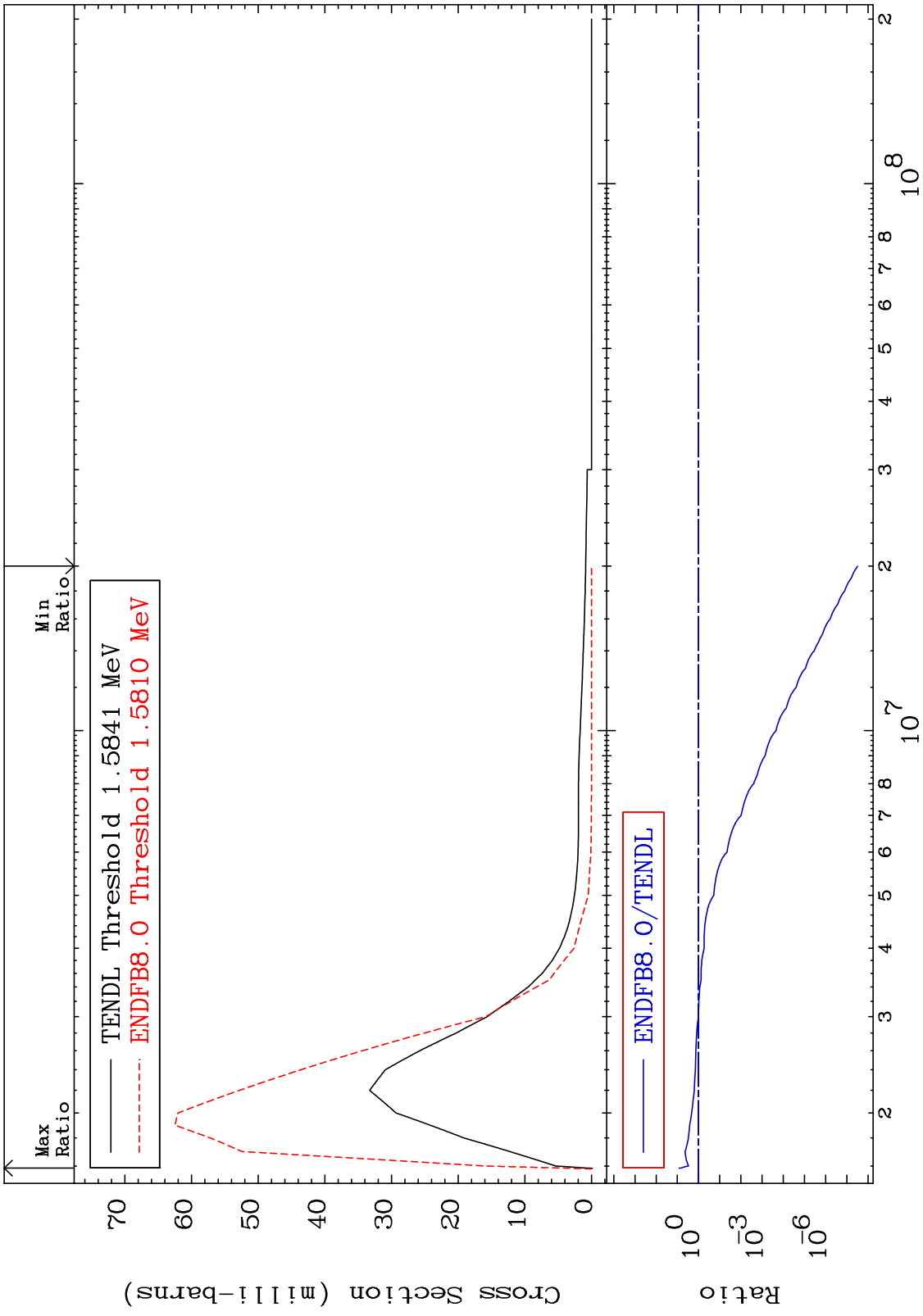
MAT 6643 MT= 73 (n,n') Level Cross Section 66-Dy-162
 -100.0 To -79.83%



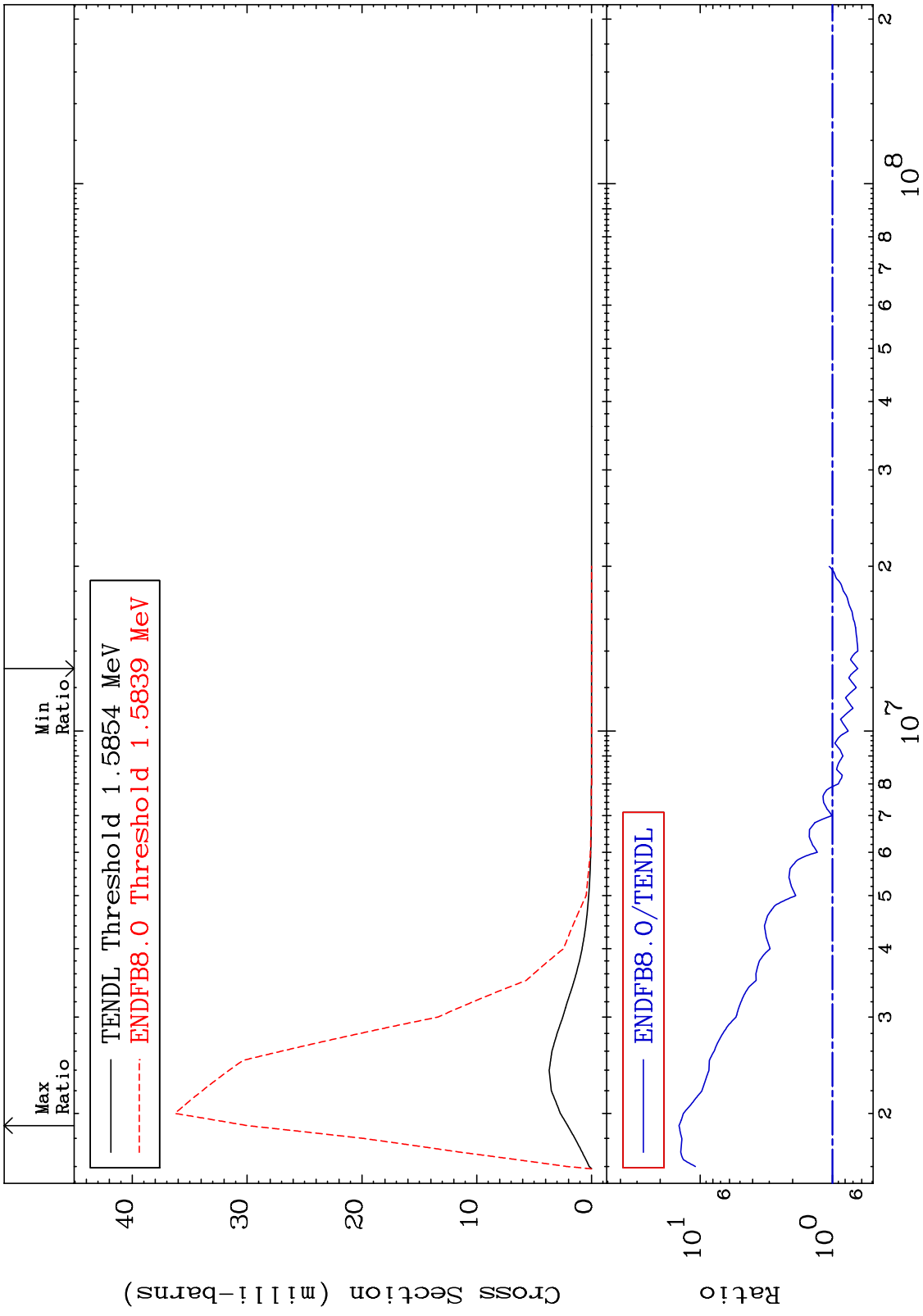
MAT 6643 MT= 74 (n,n') Level Cross Section 66-Dy-162
 -100.0 To 51.04 %



MAT 6643 MT= 75 (n,n') Level Cross Section 66-Dy-162
 -100.0 To 730.2 %



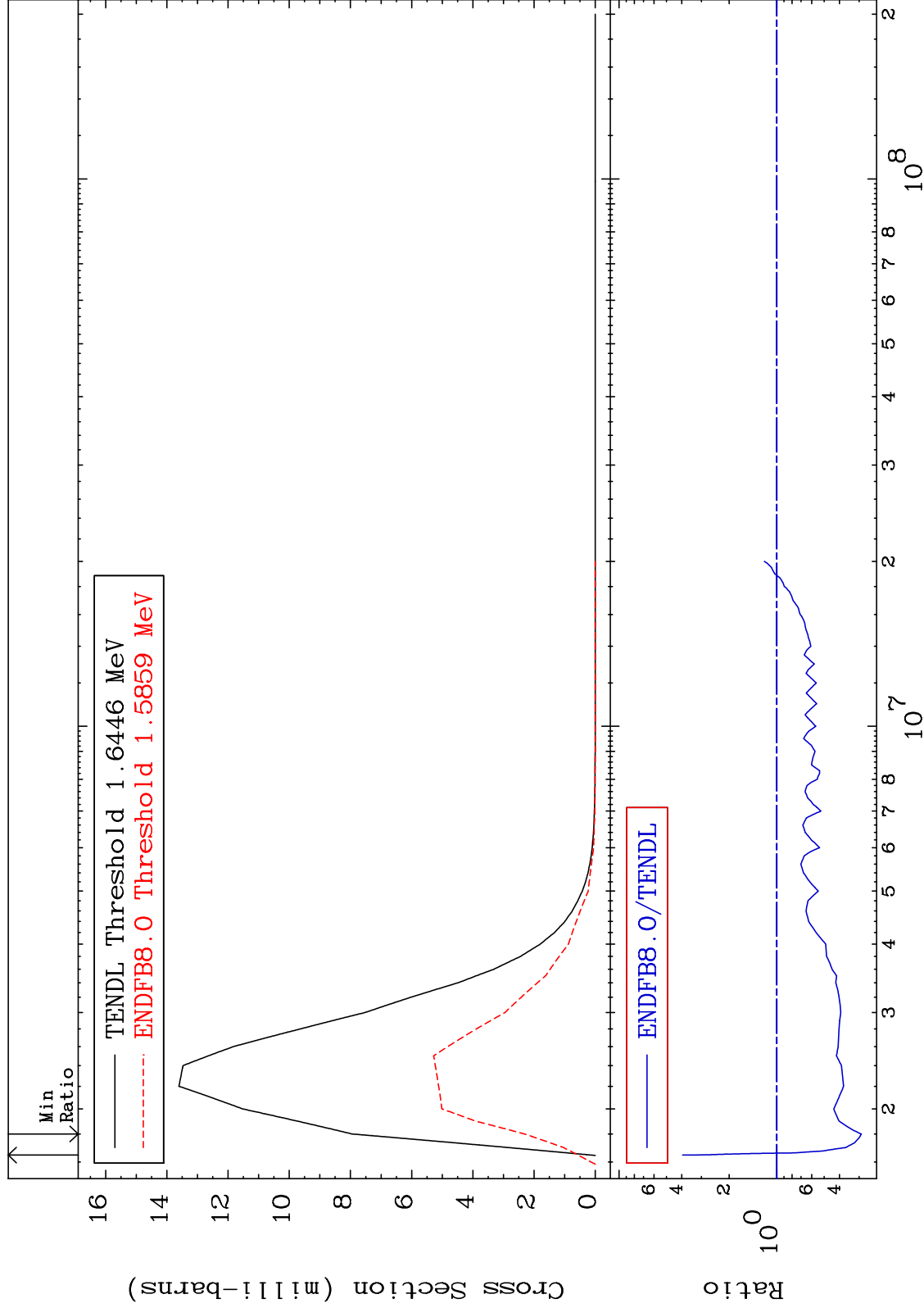
MAT 6643 MT= 76 (n,n') Level Cross Section 66-Dy-162
 -35.79 To 1342. %



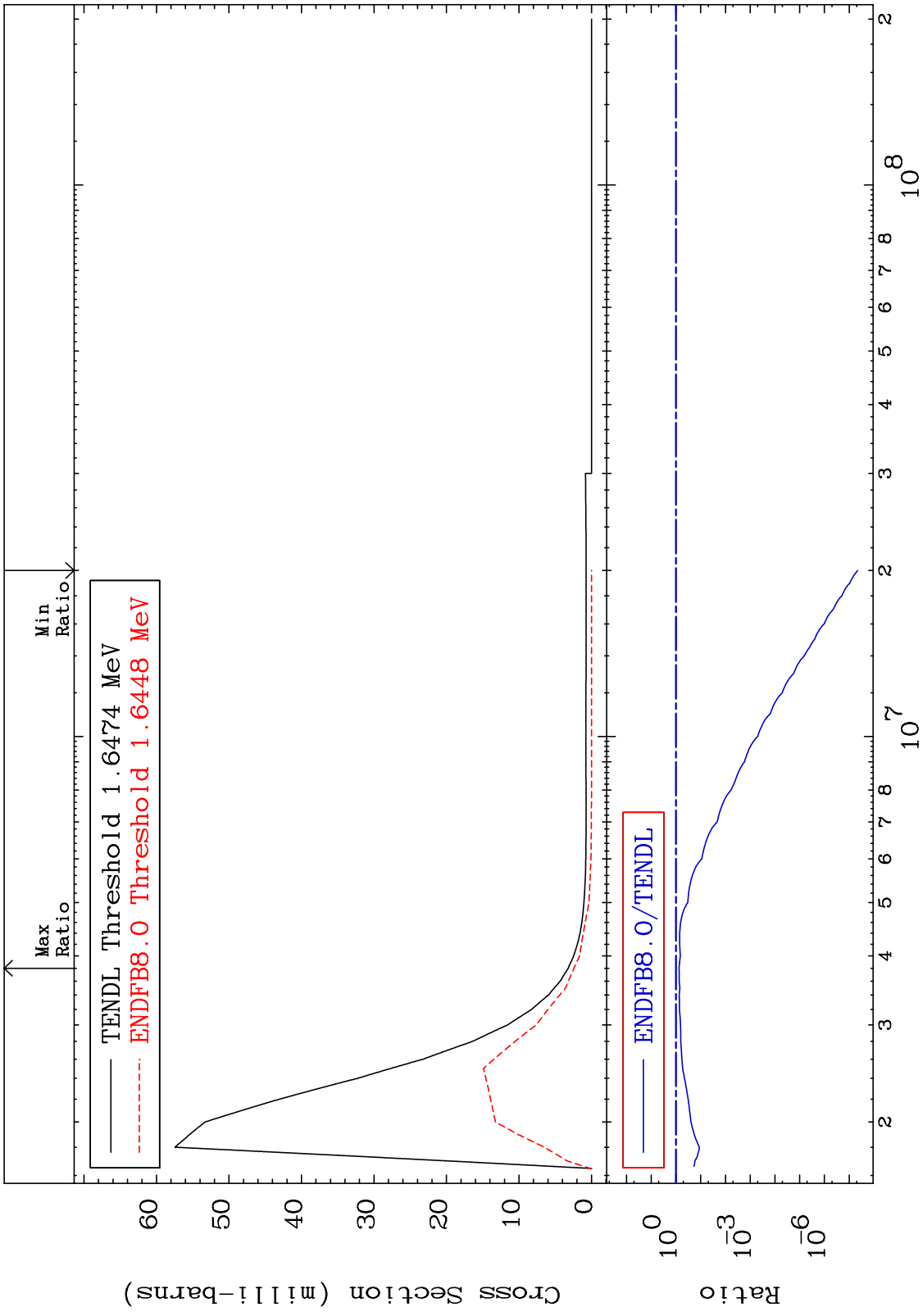
MAT 6643

MT= 77 (n,n') Level
Cross Section

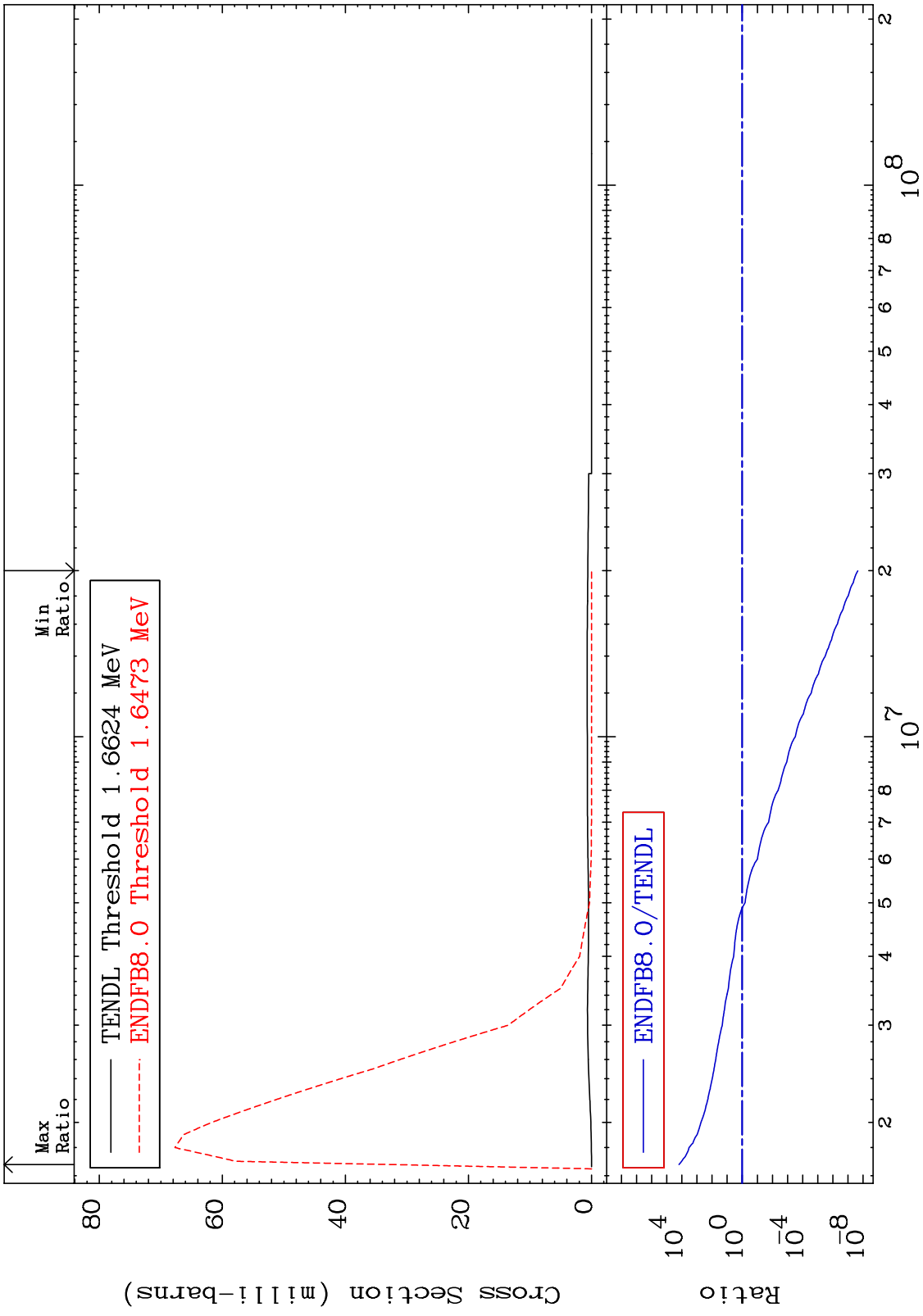
66-Dy-162
-70.96 To 294.8 %



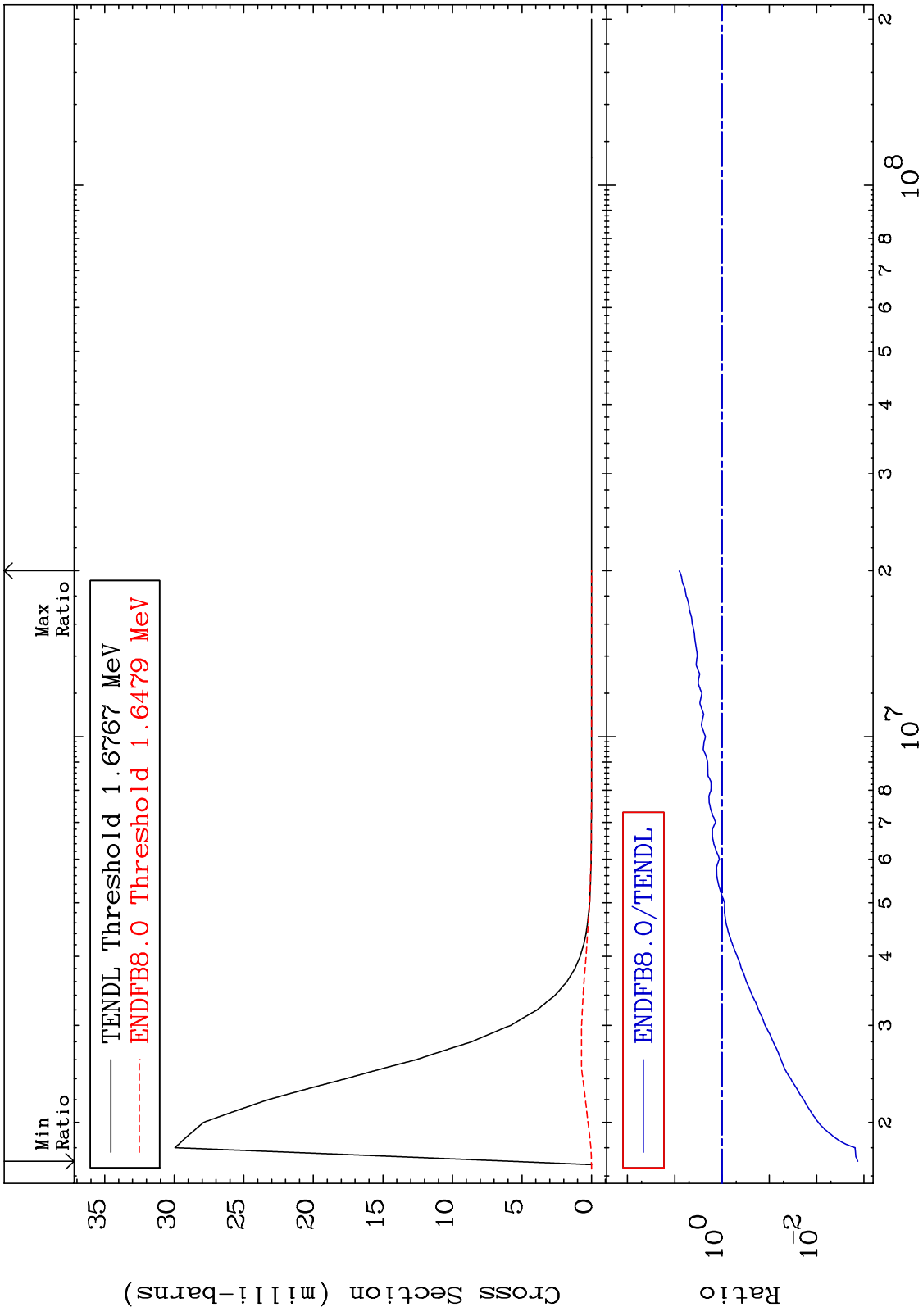
MAT 6643 MT= 78 (n,n') Level Cross Section 66-Dy-162
 -100.0 To -24.88%



MAT 6643 MT= 79 (n,n') Level 66-Dy-162
 Cross Section -100.0 To 9999. %



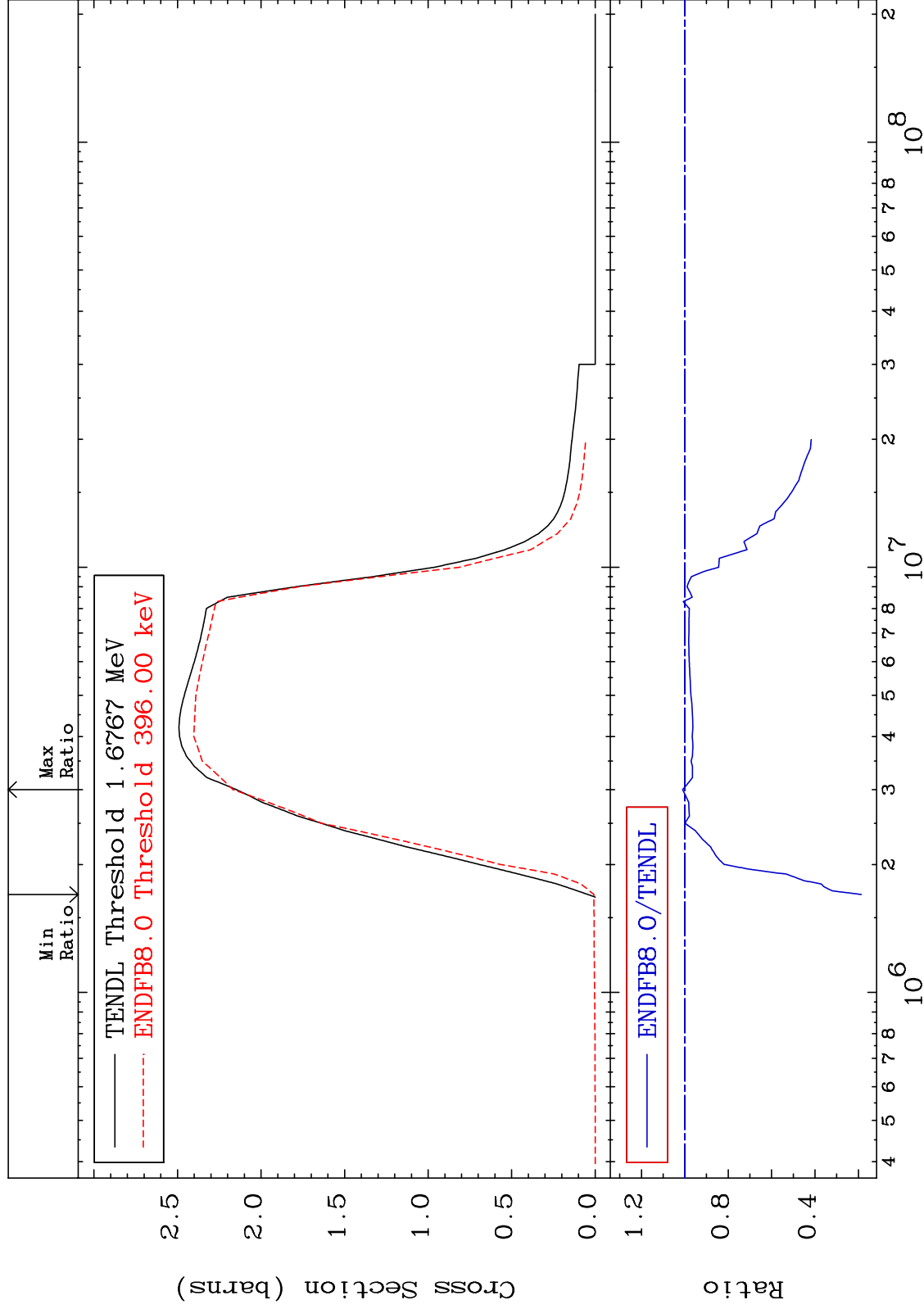
MAT 6643 MT= 80 (n,n') Level Cross Section 66-Dy-162
 -99.87 To 710.9 %



MAT 6643

(n, n') Continuum
Cross Section

66-Dy-162
-81.37 To 0.990 %



40

Incident Energy (eV)

66-Dy-162

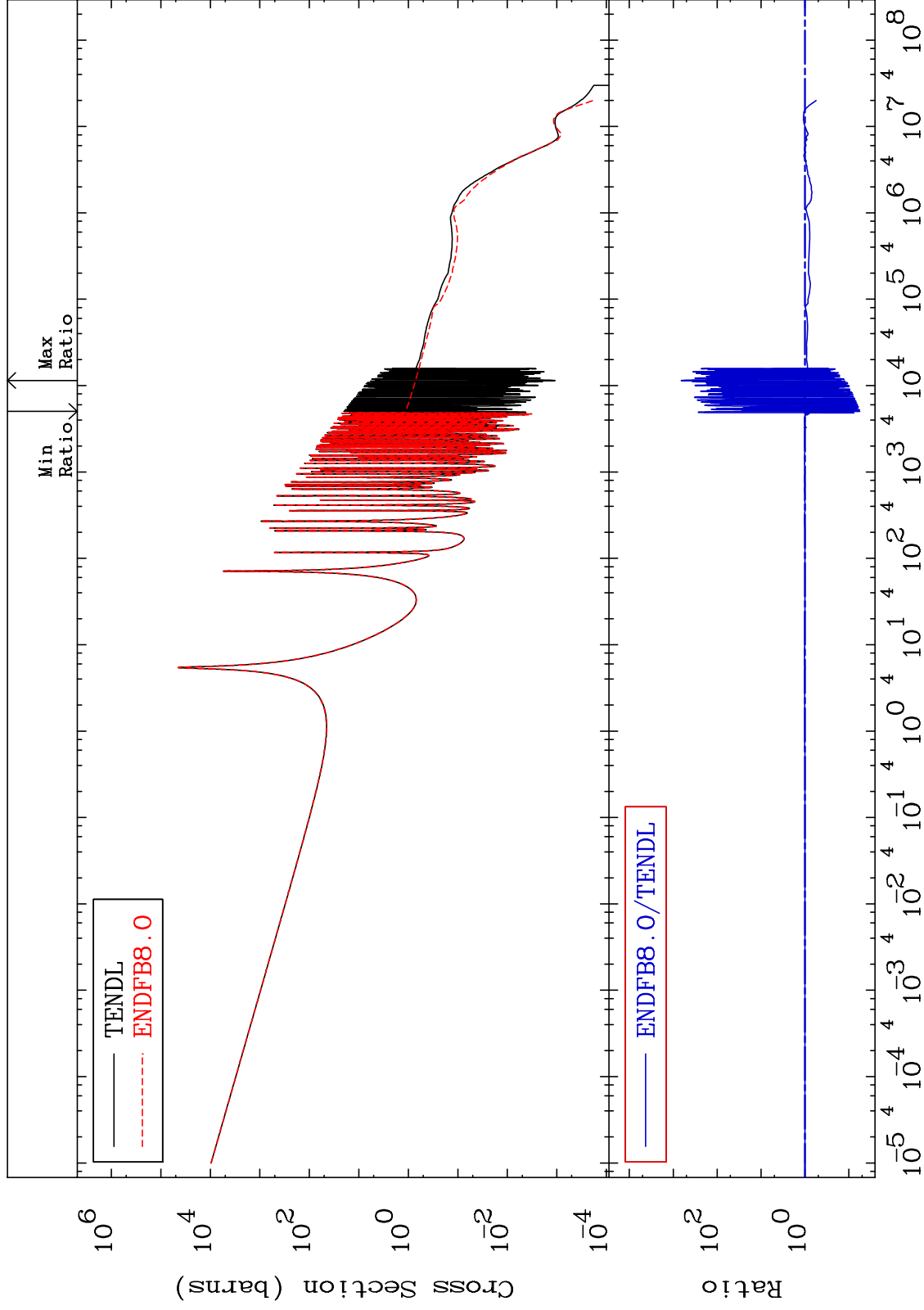
MAT 6643

(n, γ)

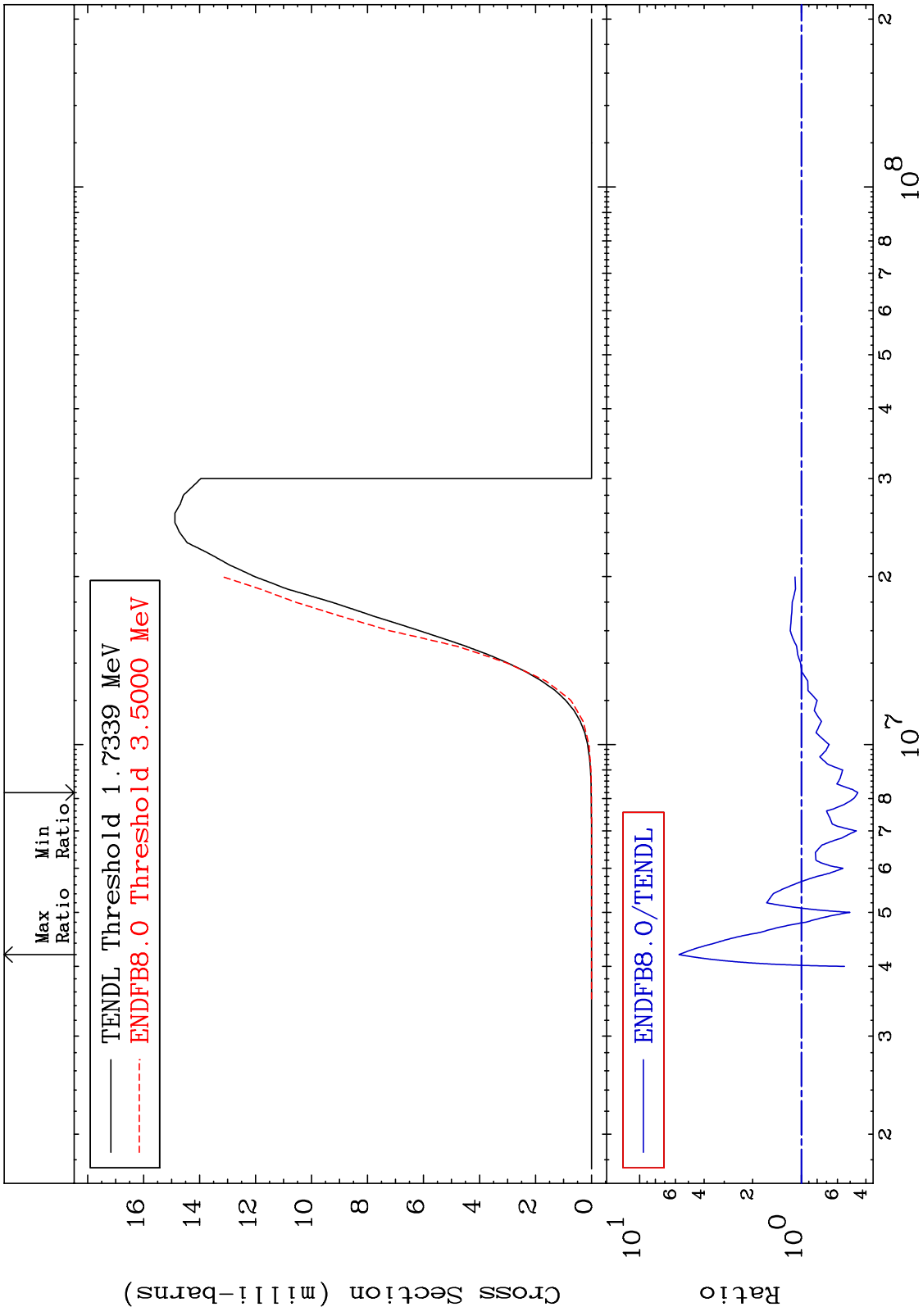
66-Dy-162

Cross Section

-94.35 To 9999. %



MAT 6643 (n,p) Cross Section 66-Dy-162 -55.16 To 470.5 %



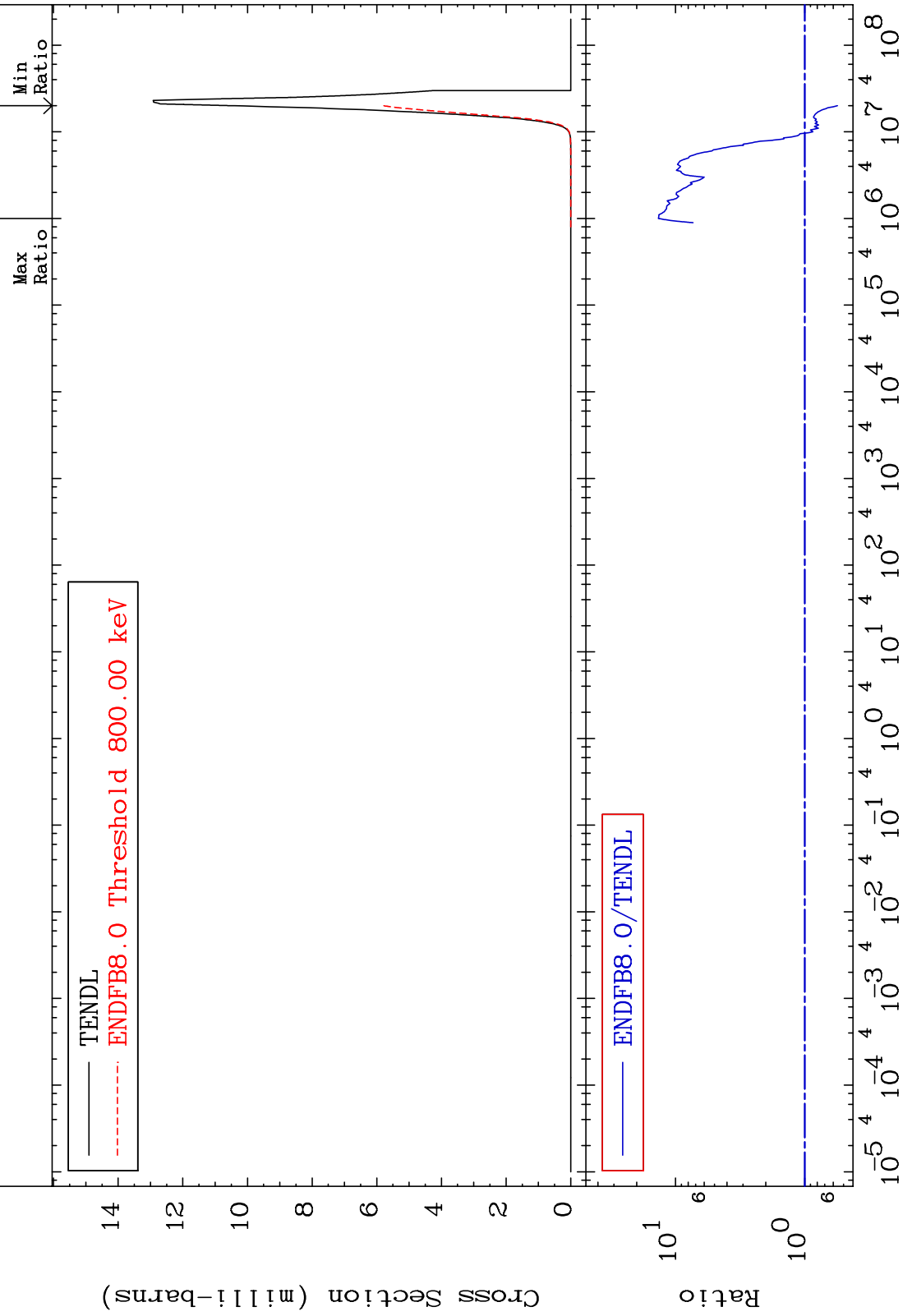
MAT 6643

(n, α)

66-Dy-162

Cross Section

-44.51 To 1257. %



43

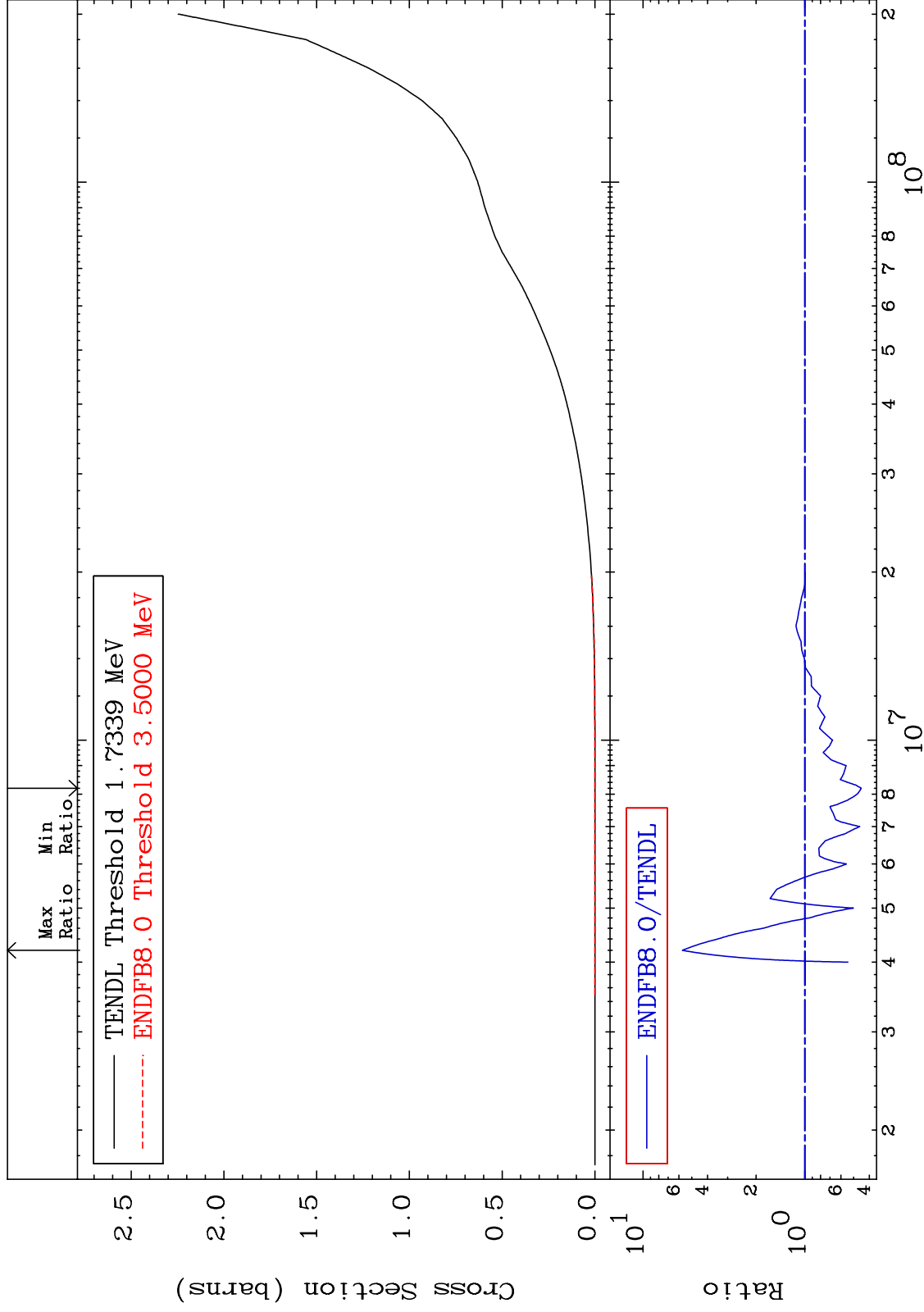
Incident Energy (eV)

66-Dy-162

MAT 6643

Hydrogen Production
Cross Section

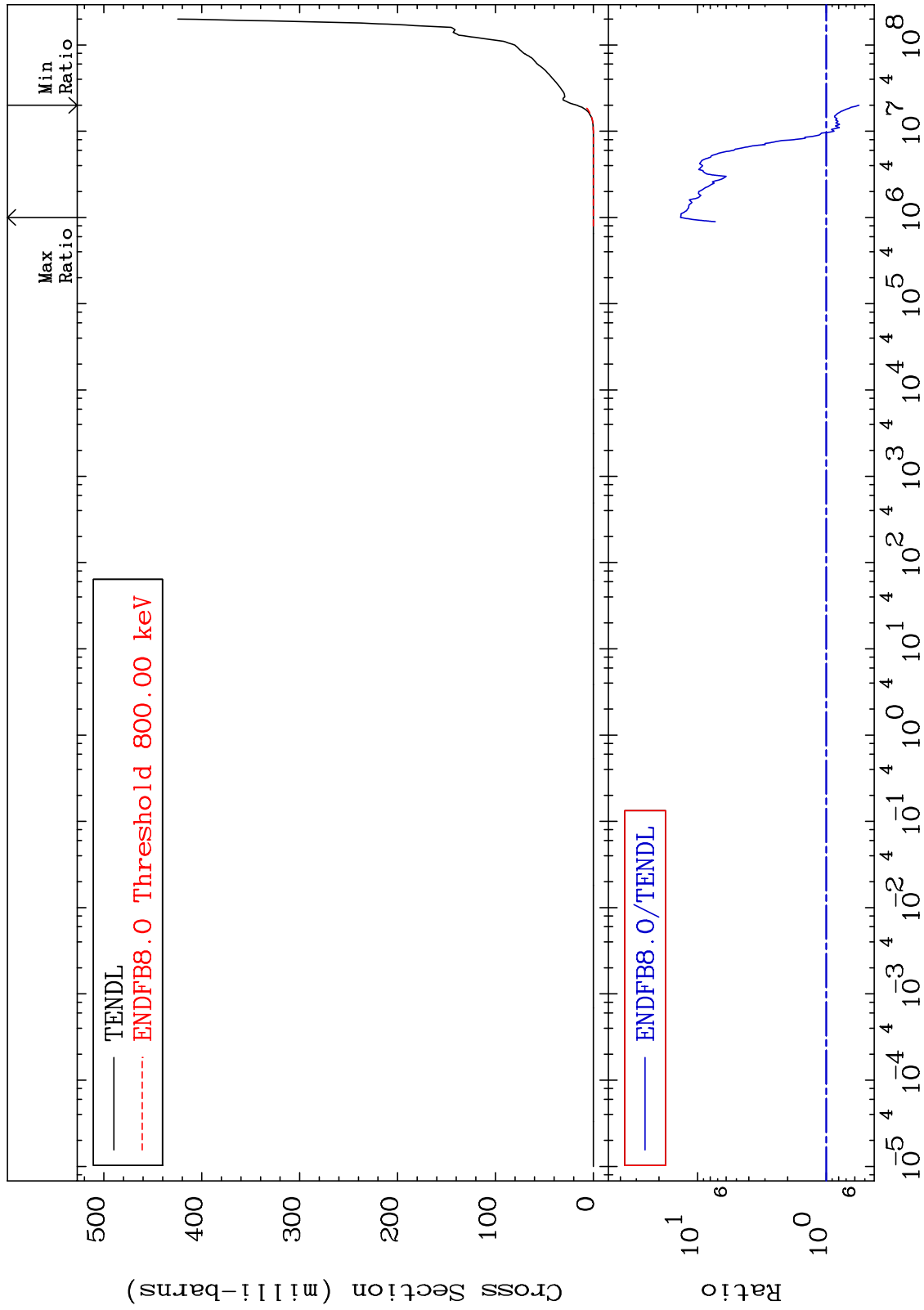
66-Dy-162
-55.16 To 470.5 %



MAT 6643

He-4 Production
Cross Section

66-Dy-162
-44.39 To 1257. %

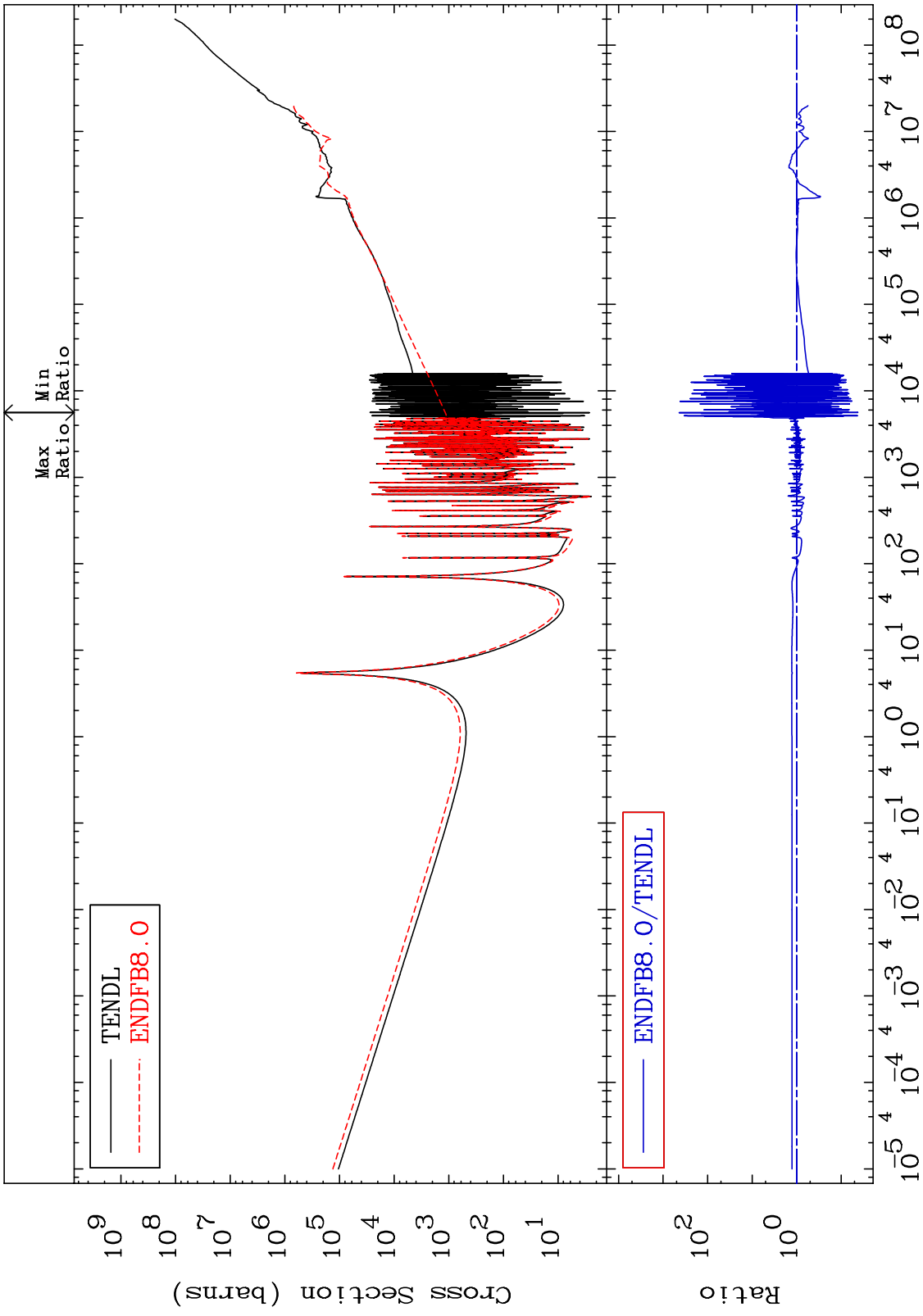


45

Incident Energy (eV)

66-Dy-162

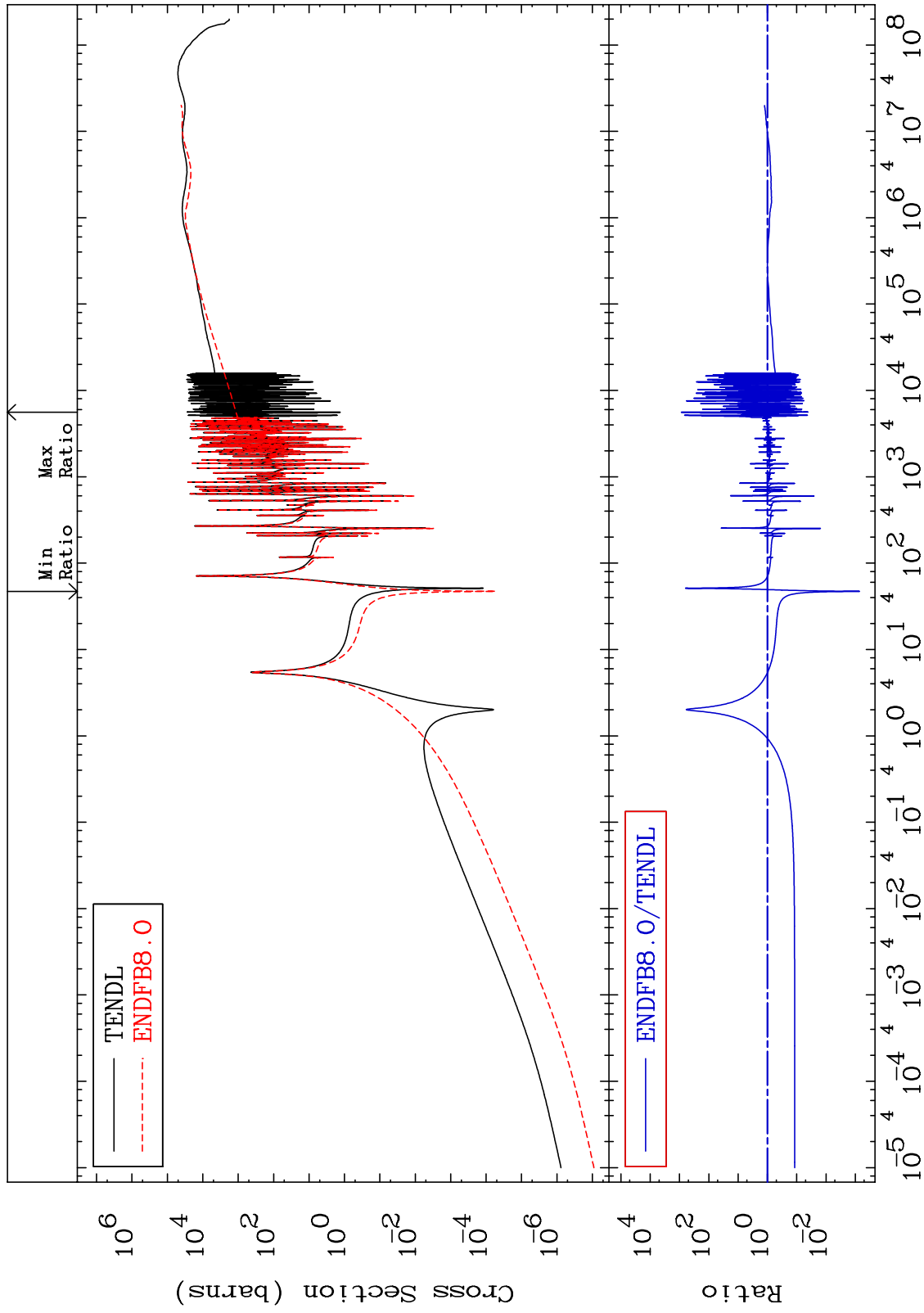
MAT 6643 Kerma total (eV-barns)
 Cross Section -95.78 To 9999. % 66-Dy-162



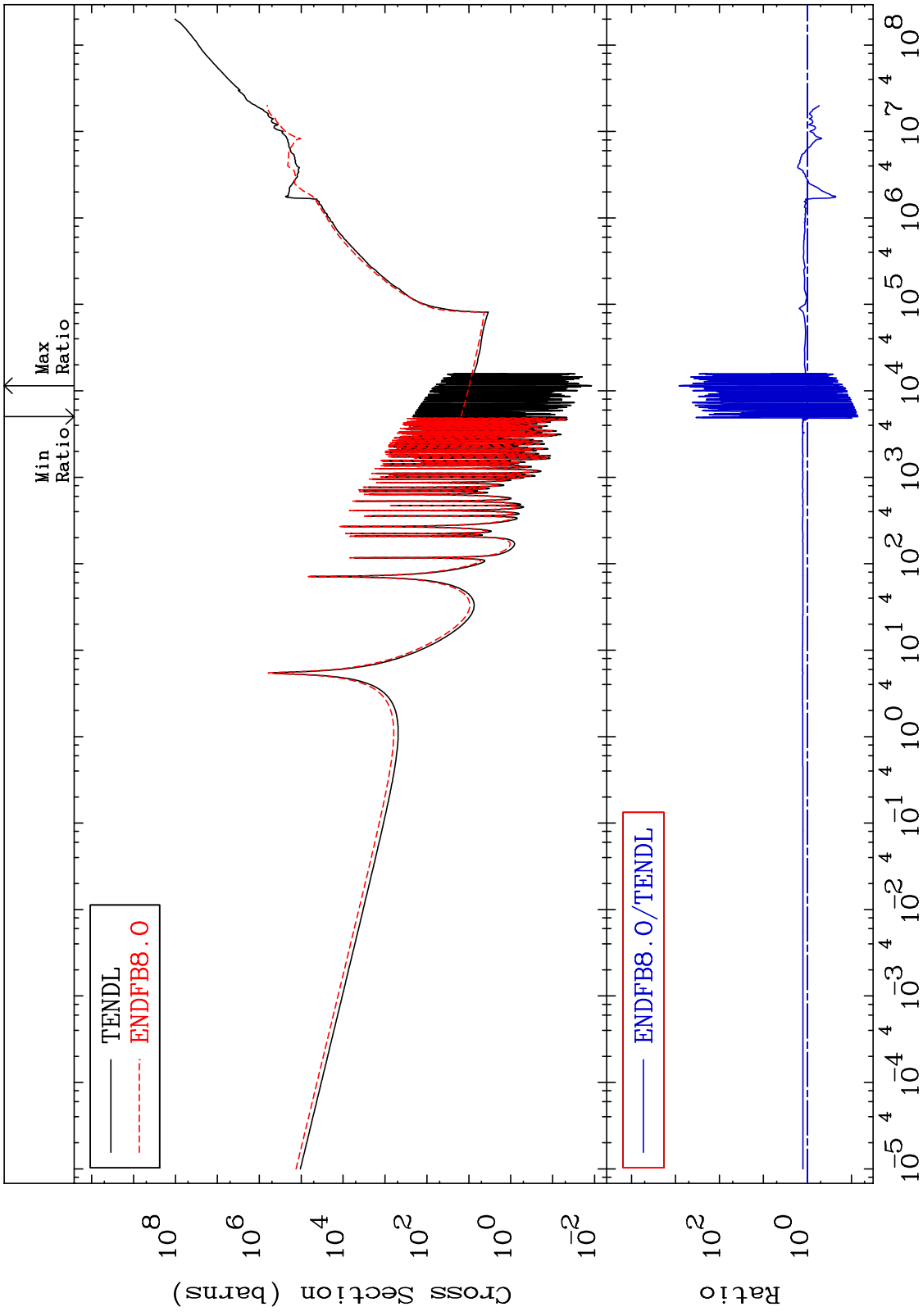
MAT 6643

Kerma elastic
Cross Section

66-Dy-162
-99.93 To 9999. %



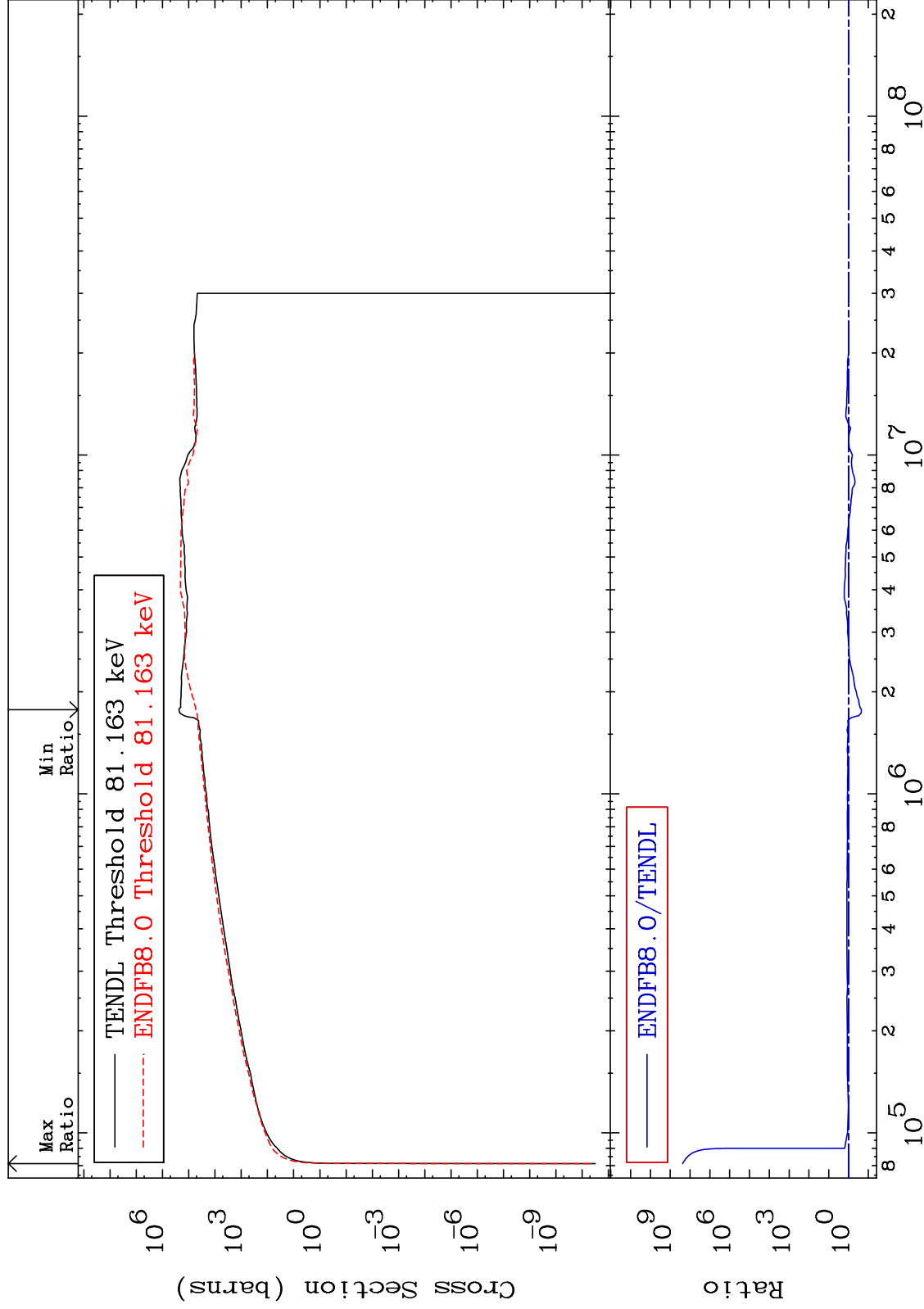
MAT 6643 Kerma non-elastic (all but mt2) 66-Dy-162
 Cross Section -92.86 To 9999. %



MAT 6643

Kerma inelastic (mt51-91)
Cross Section

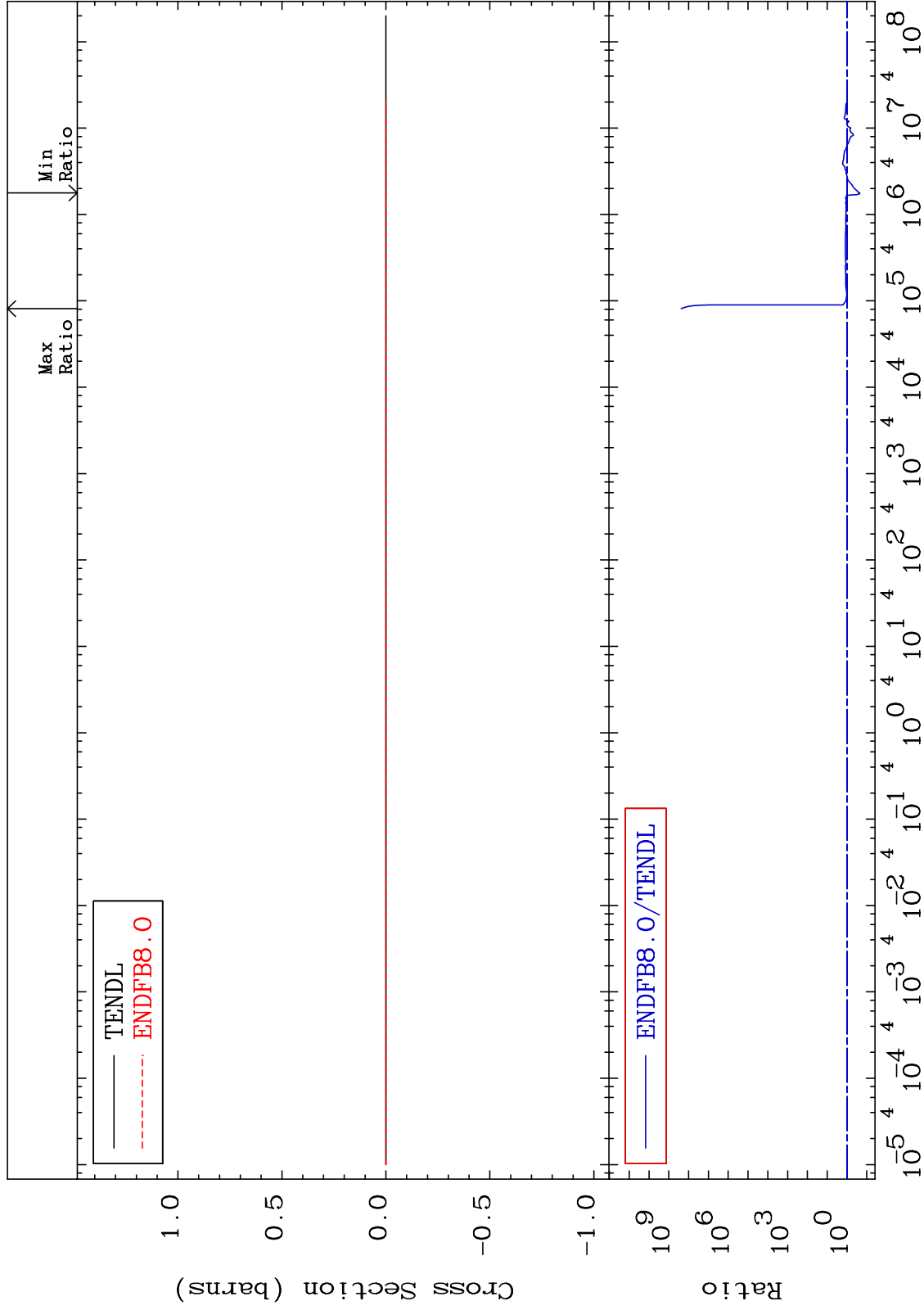
66-Dy-162
-77.31 To 9999. %



MAT 6643

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

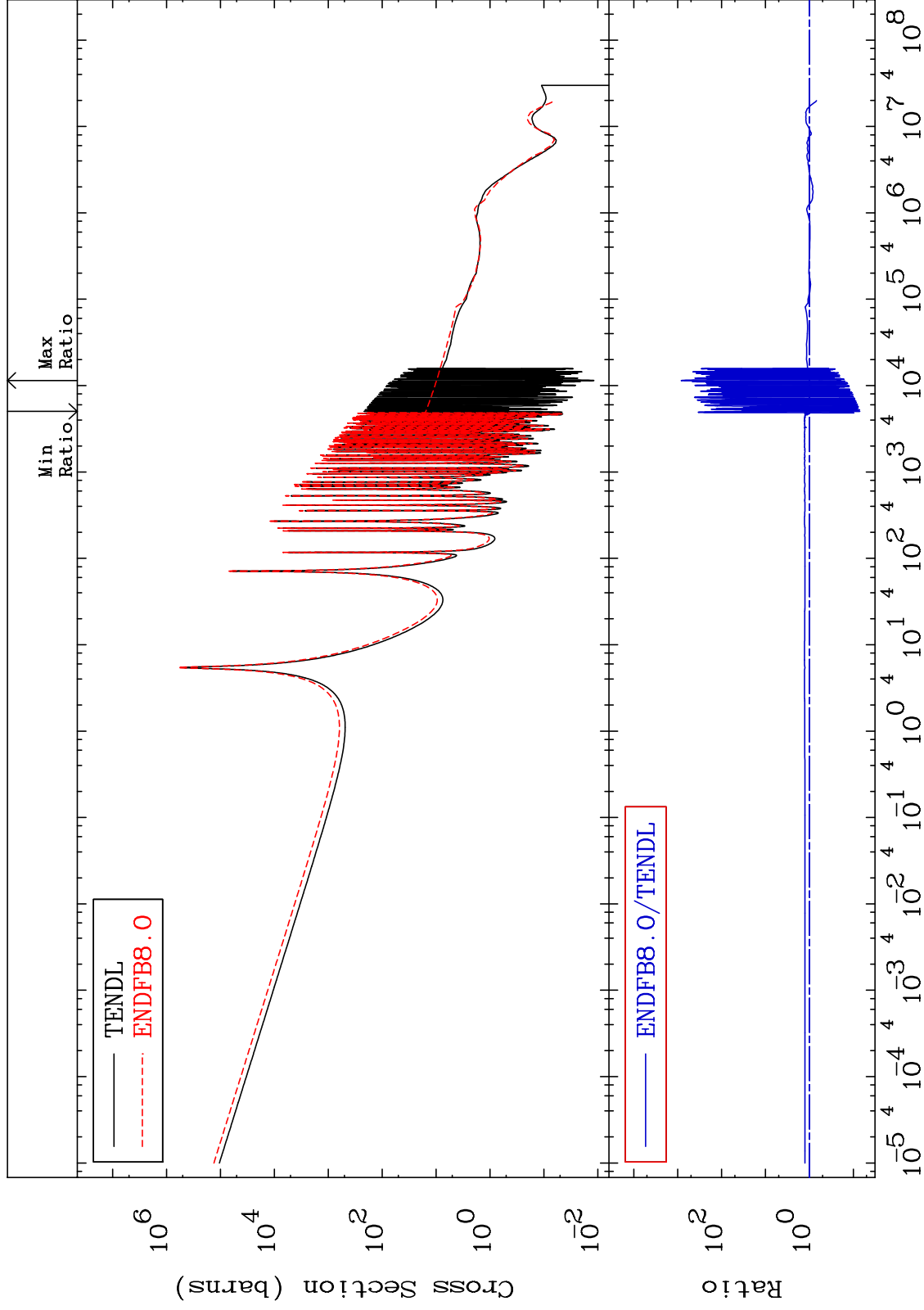
66-Dy-162
-77.31 To 9999. %



MAT 6643

Kerma capture (mt102)
Cross Section

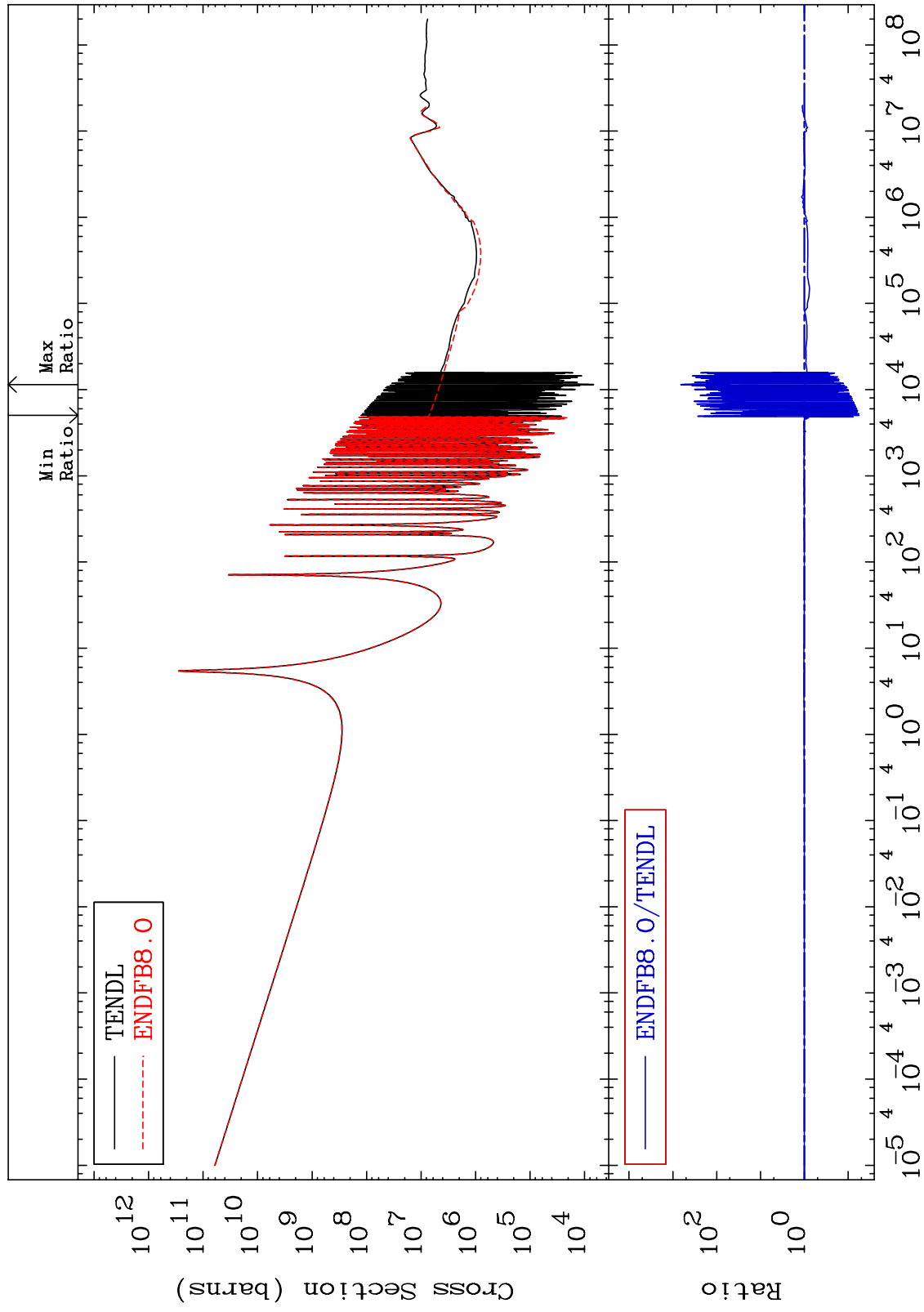
66-Dy-162
-92.86 To 9999. %



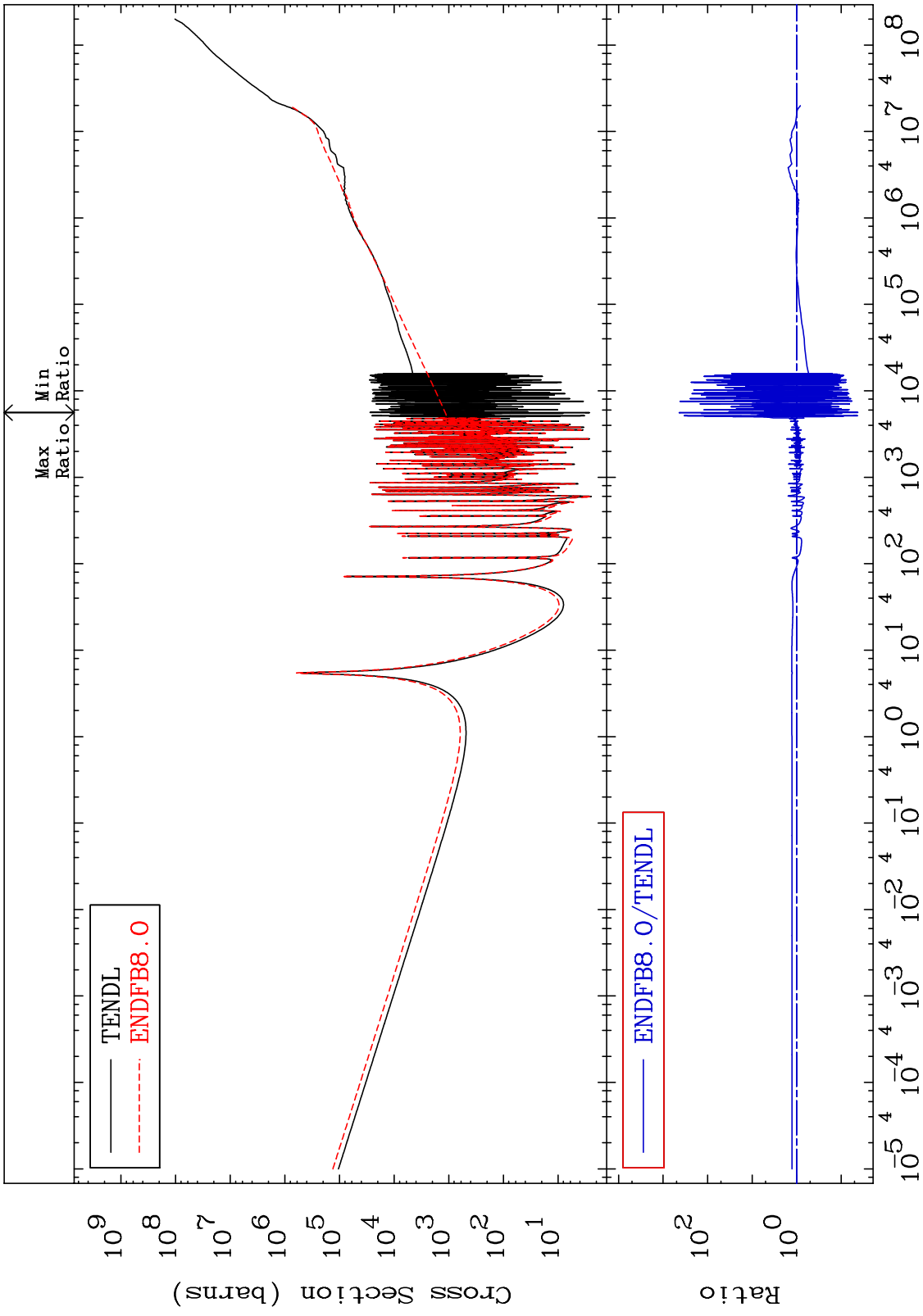
MAT 6643

Total photon (eV-barns)
Cross Section

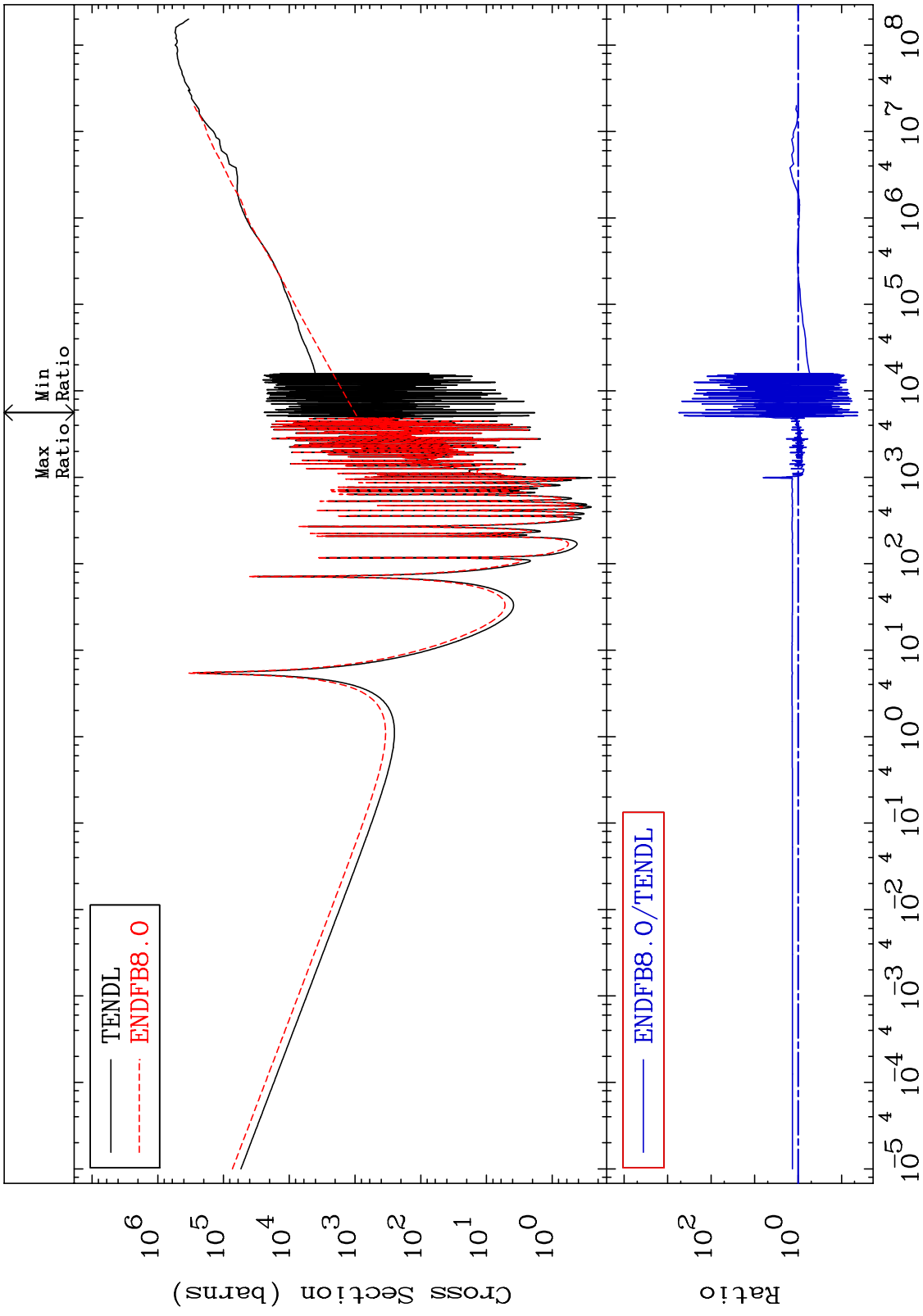
66-Dy-162
-94.35 To 9999. %



MAT 6643 Total kinematic kerma (high limit) 66-Dy-162
 Cross Section -95.78 To 9999. %



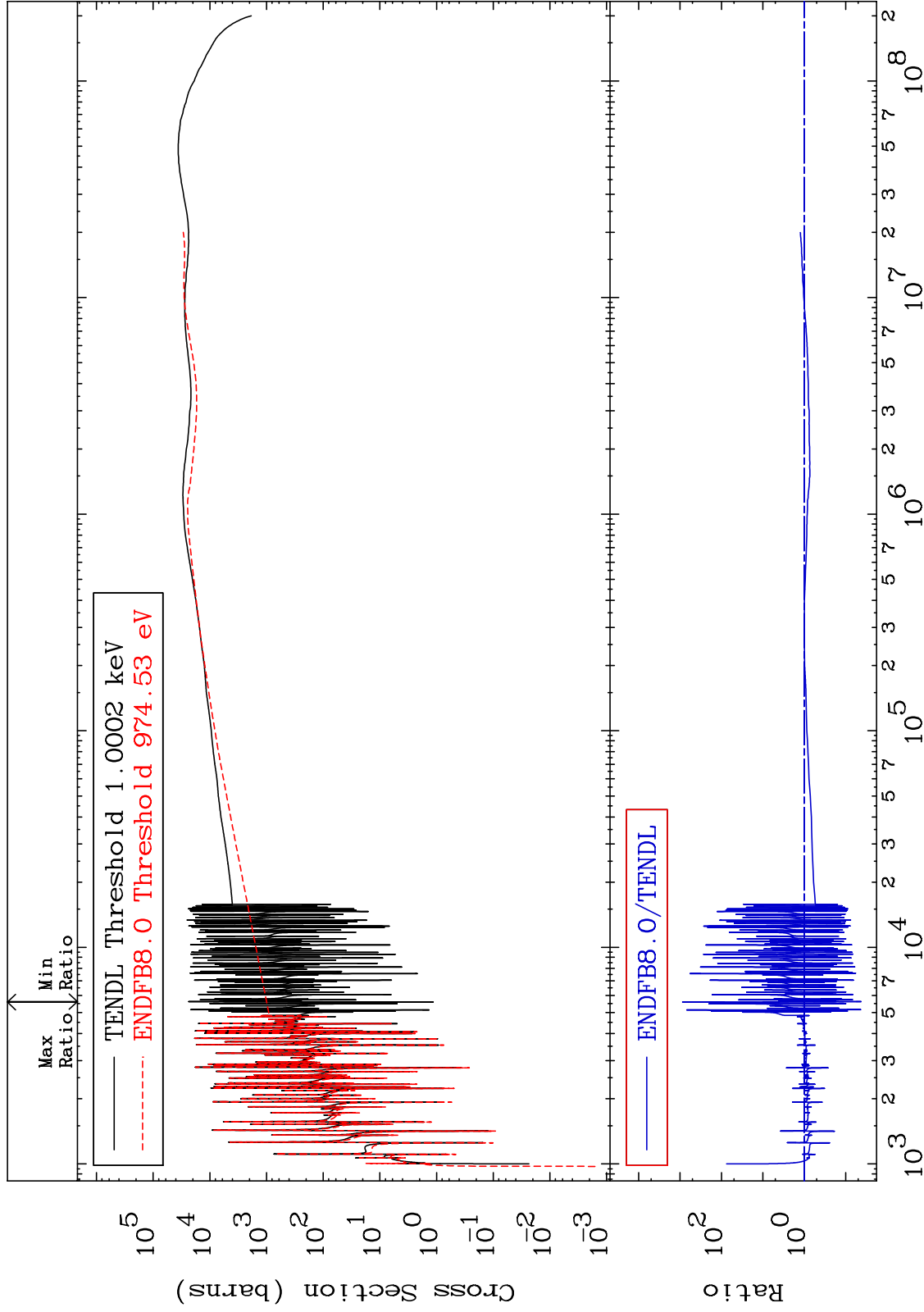
MAT 6643 Dpa total (eV-barns) 66-Dy-162
 Cross Section -95.79 To 9999. %



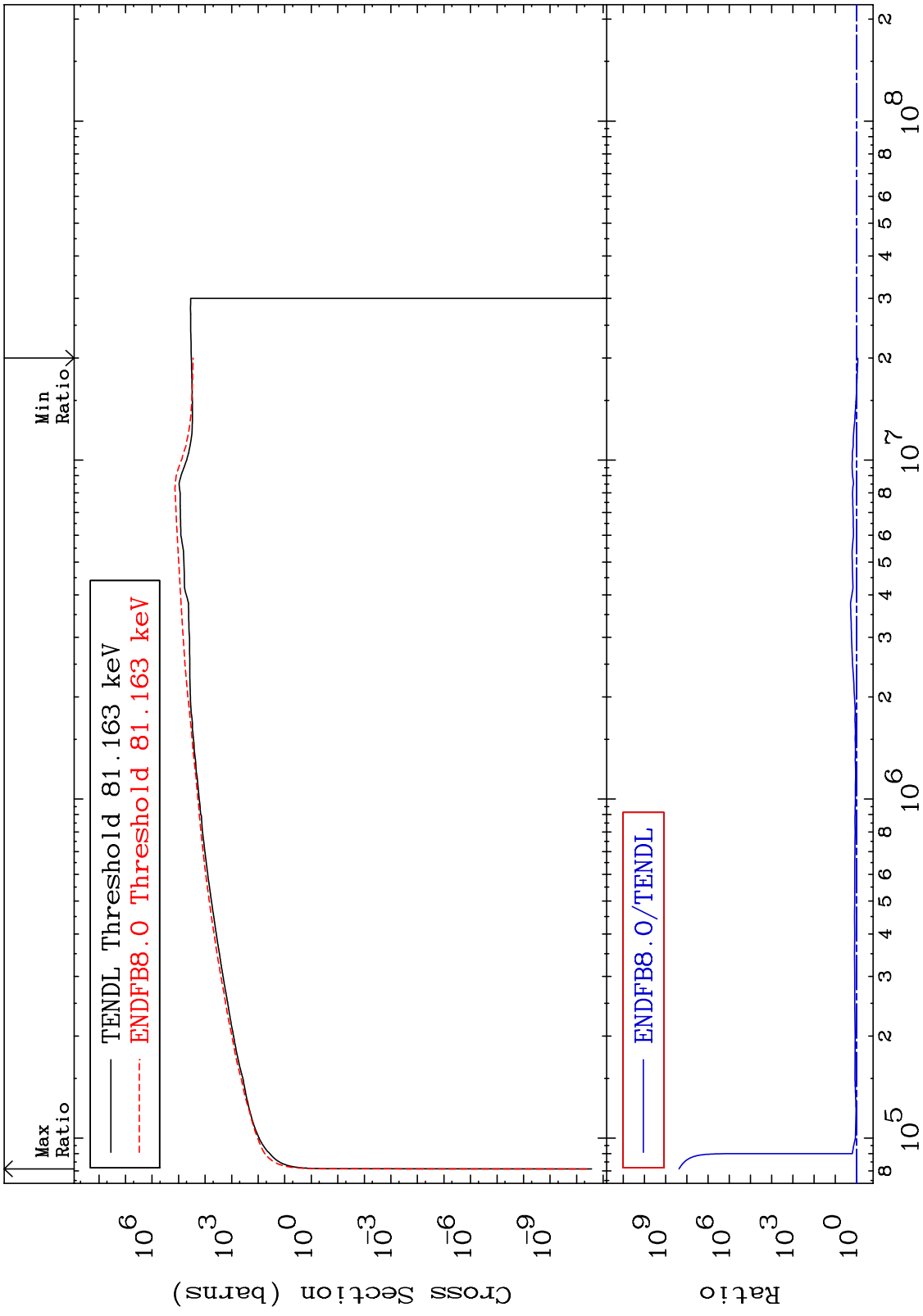
MAT 6643

Dpa elastic (mt2)
Cross Section

66-Dy-162
-95.81 To 9999. %



MAT 6643 Dpa inelastic (mt51-91) 66-Dy-162
 Cross Section -14.27 To 9999. %



MAT 6643

Dpa disappearance (mt102 -120)
Cross Section

66-Dy-162
-92.40 To 9999. %

