

Program Complot
(Version 2018-1)

by

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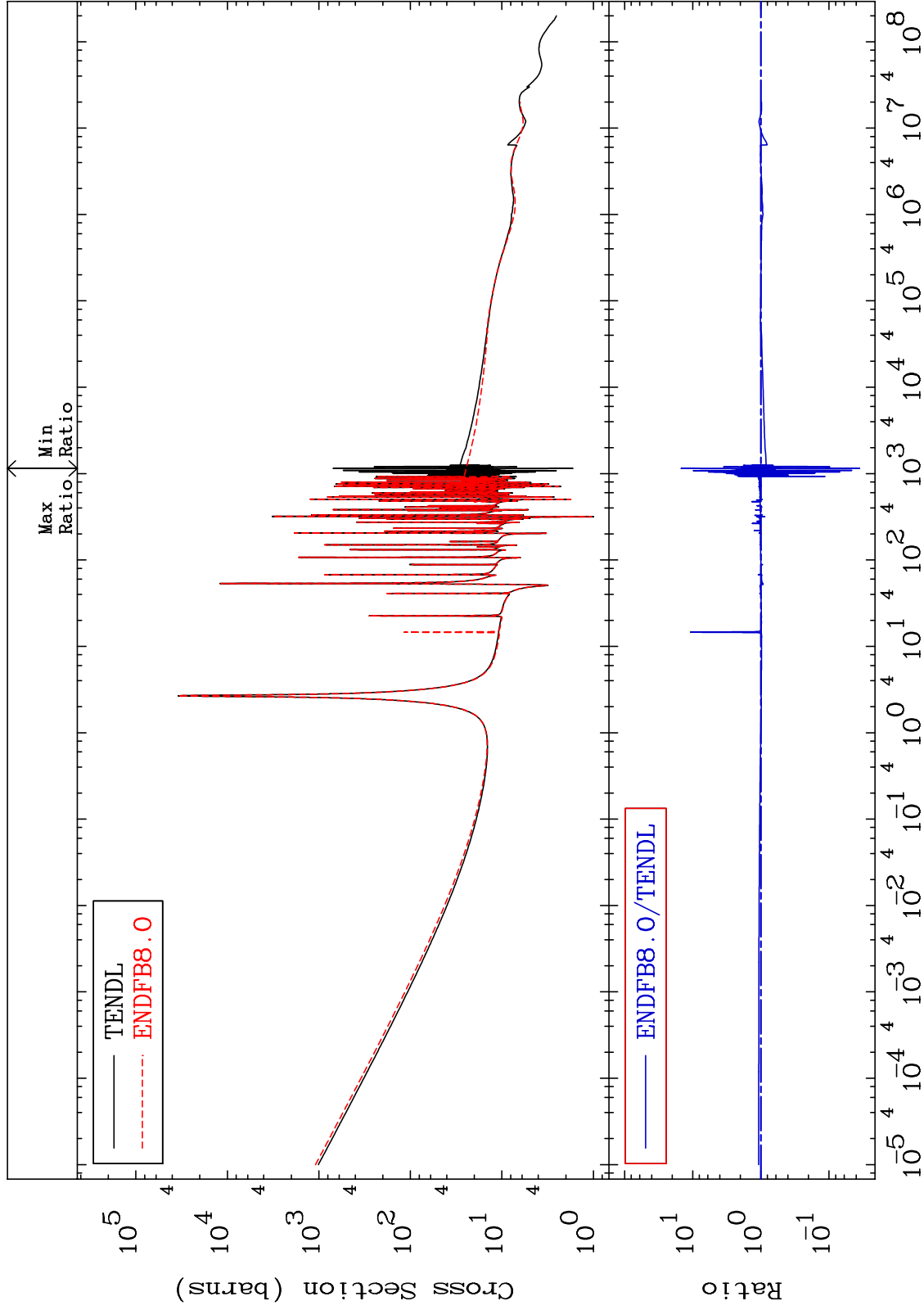
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9446

Total
Cross Section

94-Pu-242
-96.46 To 1374. %



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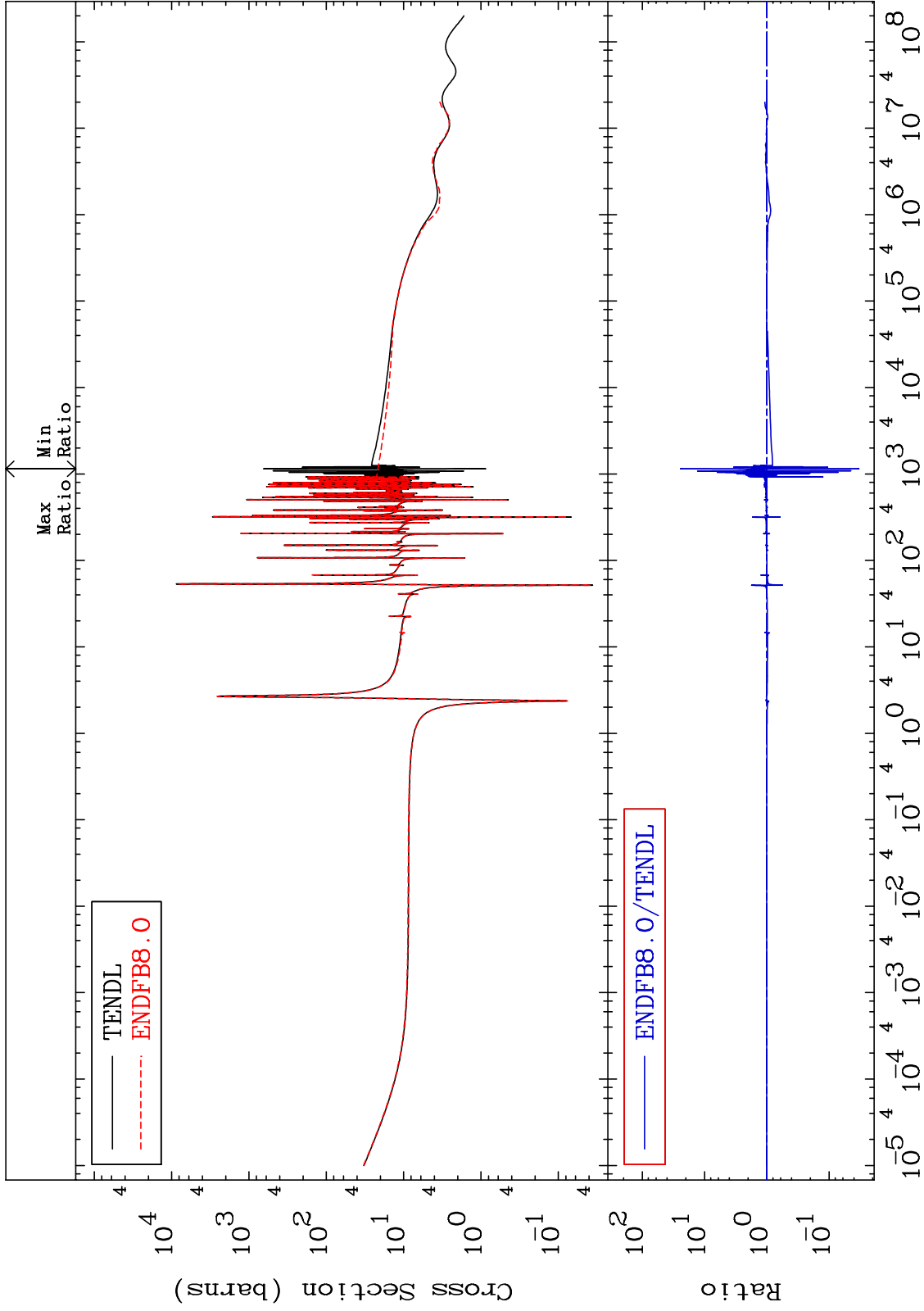
Incident Energy (eV)

94-Pu-242

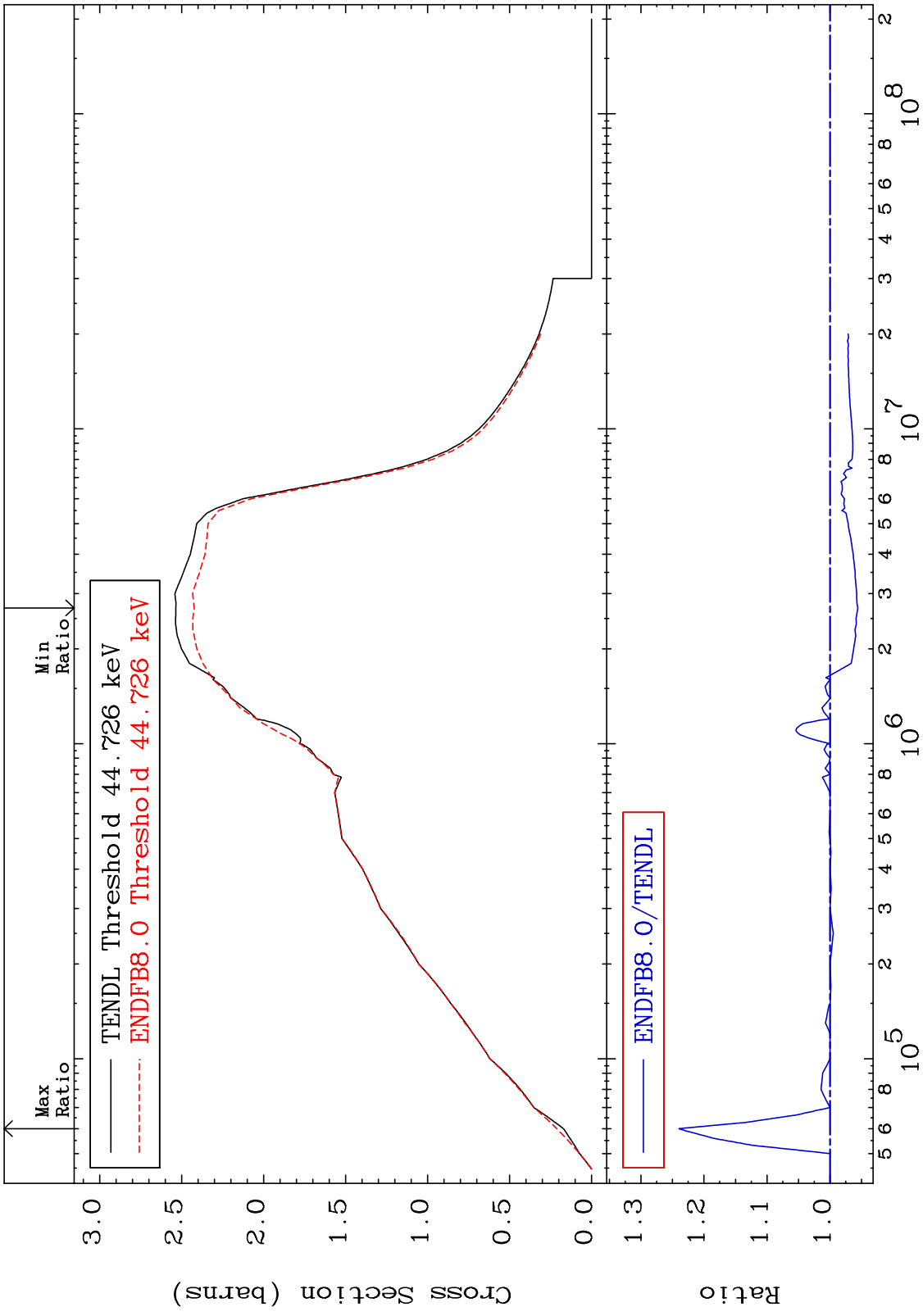
MAT 9446

Elastic
Cross Section

94-Pu-242
-96.67 To 2363. %



MAT 9446 Inelastic Cross Section 94-Pu-242
 -4.413 To 23.96 %



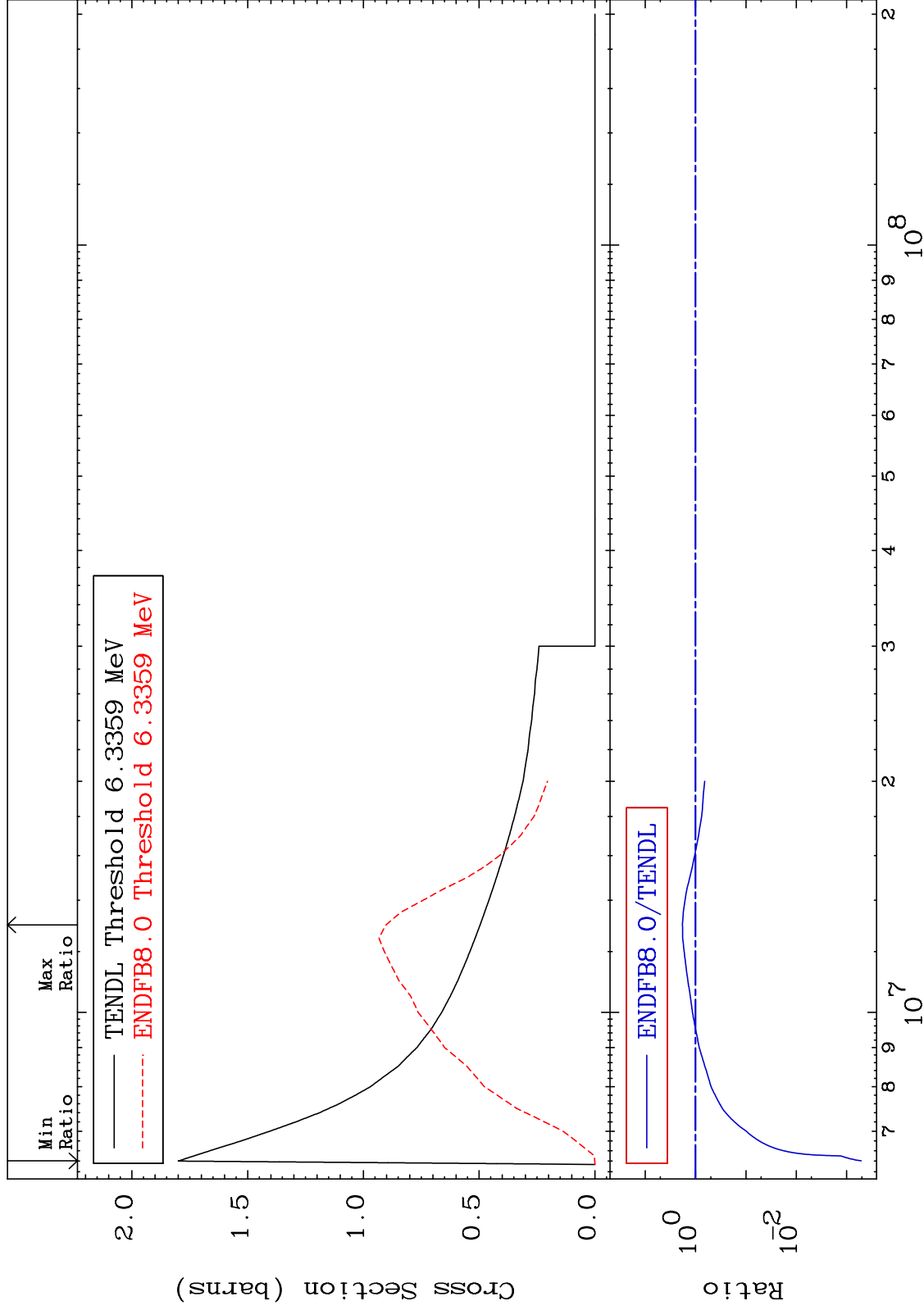
MAT 9446

(n,2n)

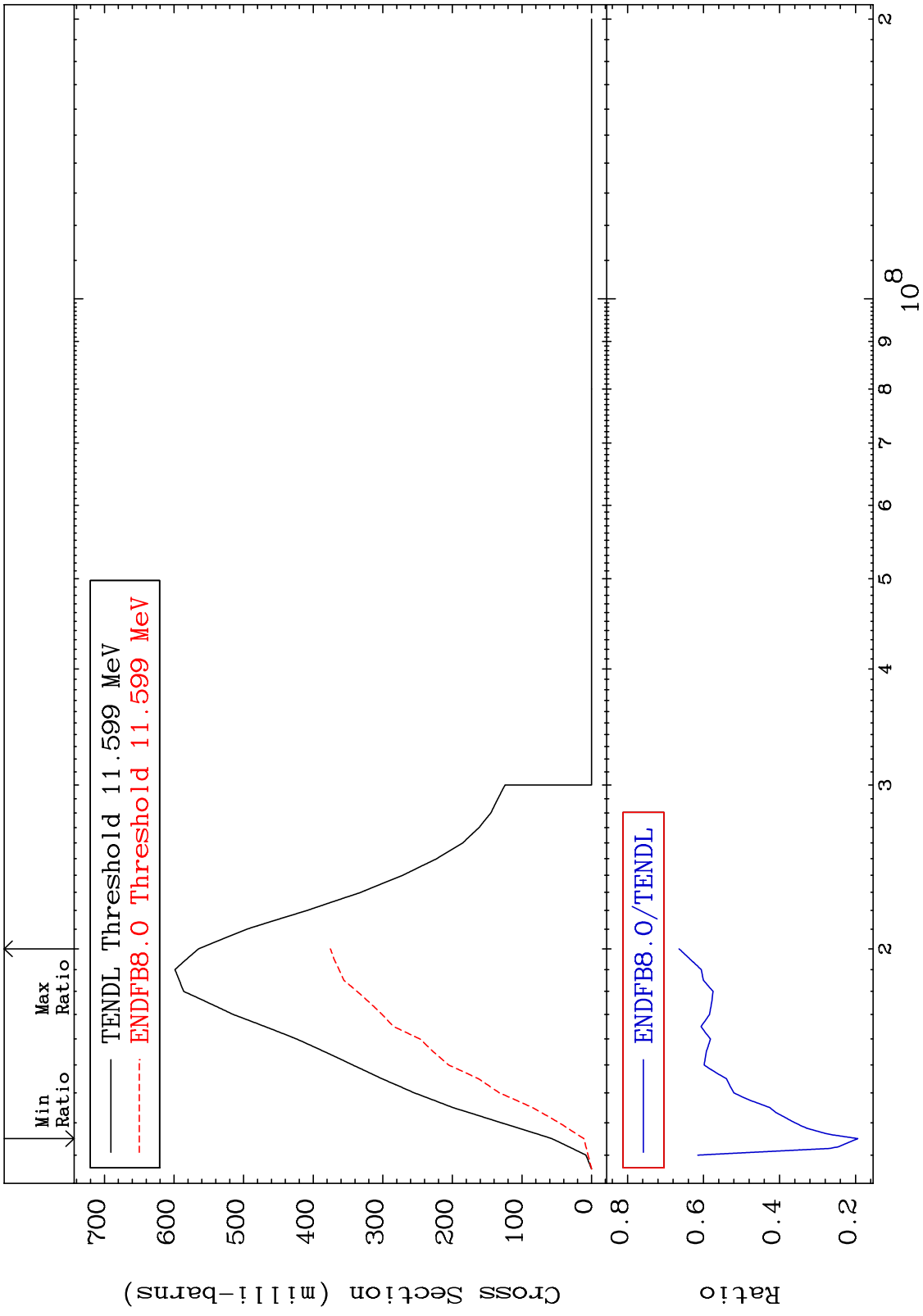
94-Pu-242

Cross Section

-99.95 To 82.07 %



MAT 9446 (n,3n) Cross Section 94-Pu-242 -80.60 To -33.56%



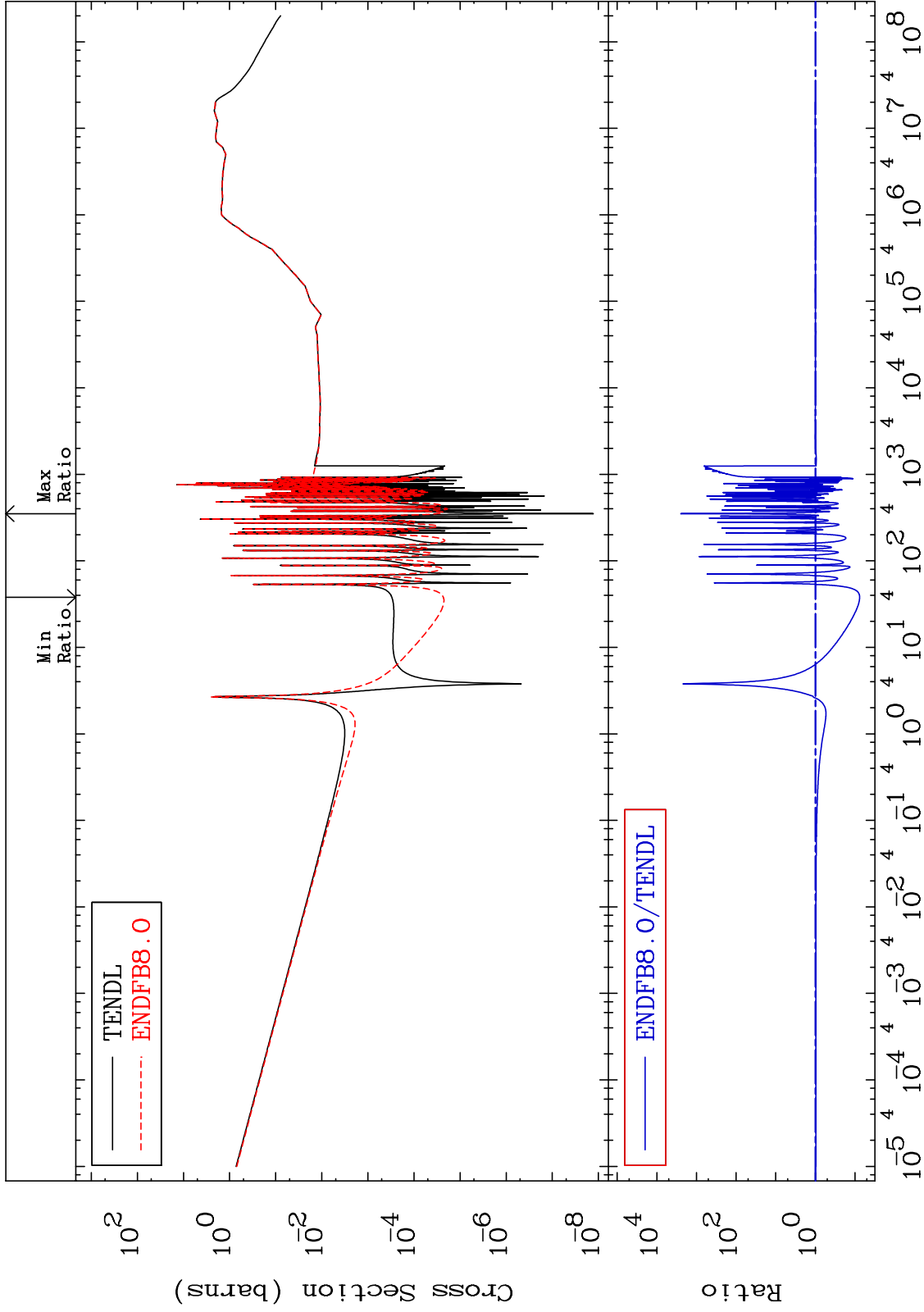
MAT 9446

Fission

94-Pu-242

Cross Section

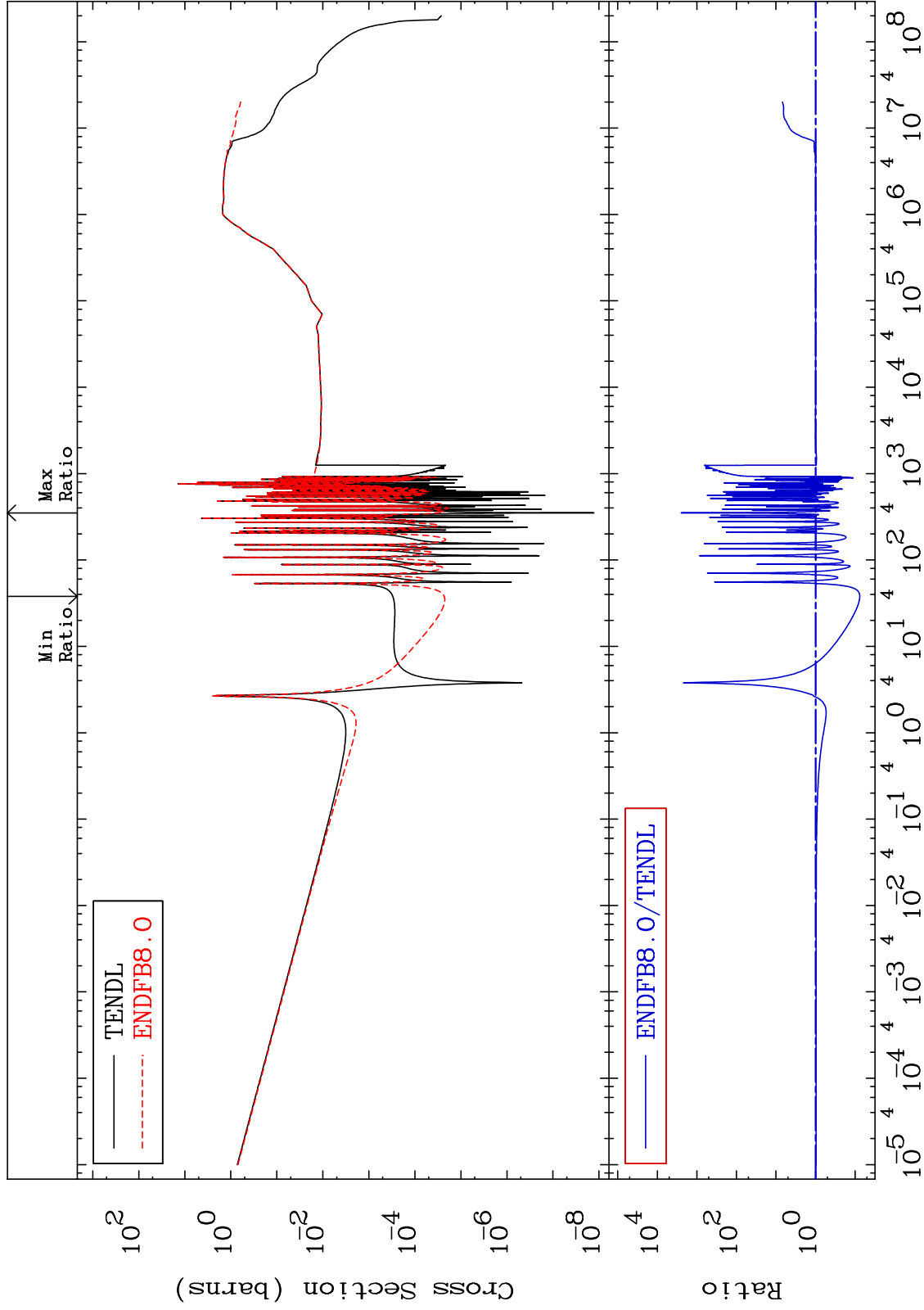
-92.37 To 9999. %



MAT 9446

(n,f) First Chance
Cross Section

94-Pu-242
-92.37 To 9999. %



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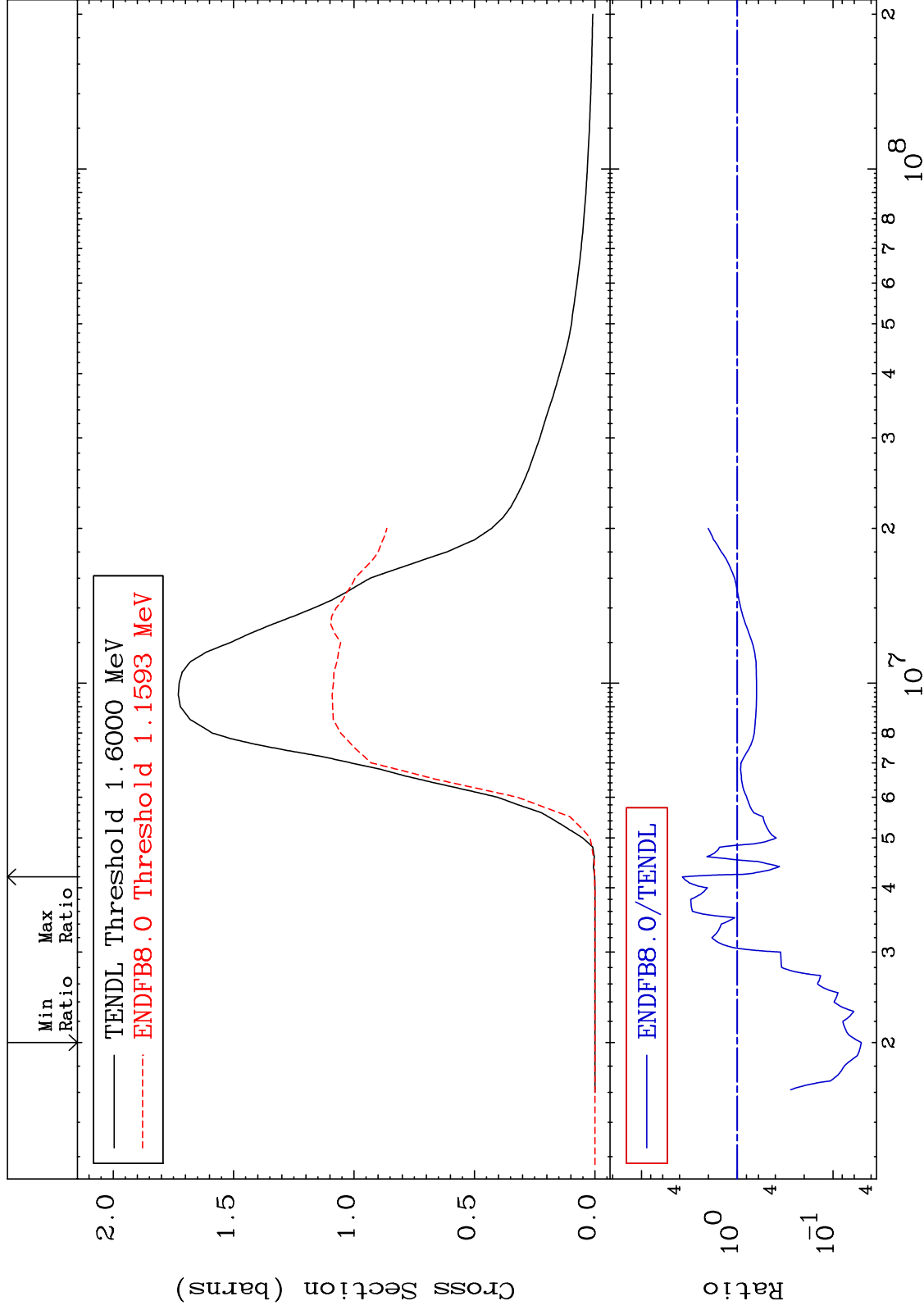
Incident Energy (eV)

94-Pu-242

MAT 9446

(n, nf) Second Chance
Cross Section

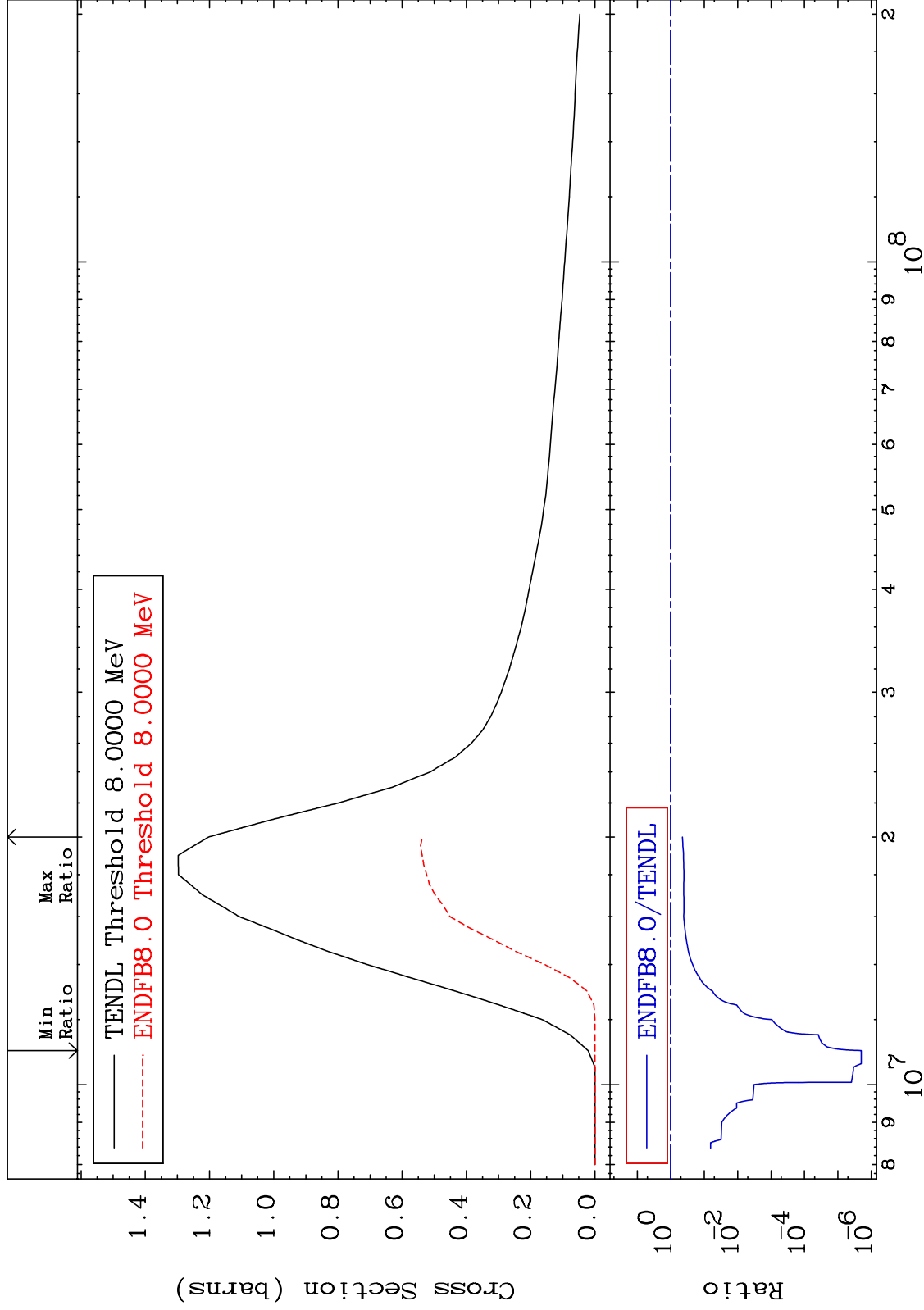
94-Pu-242
-94.93 To 273.6 %



MAT 9446

(n,2nf) Third Chance
Cross Section

94-Pu-242
-100.0 To -55.33%

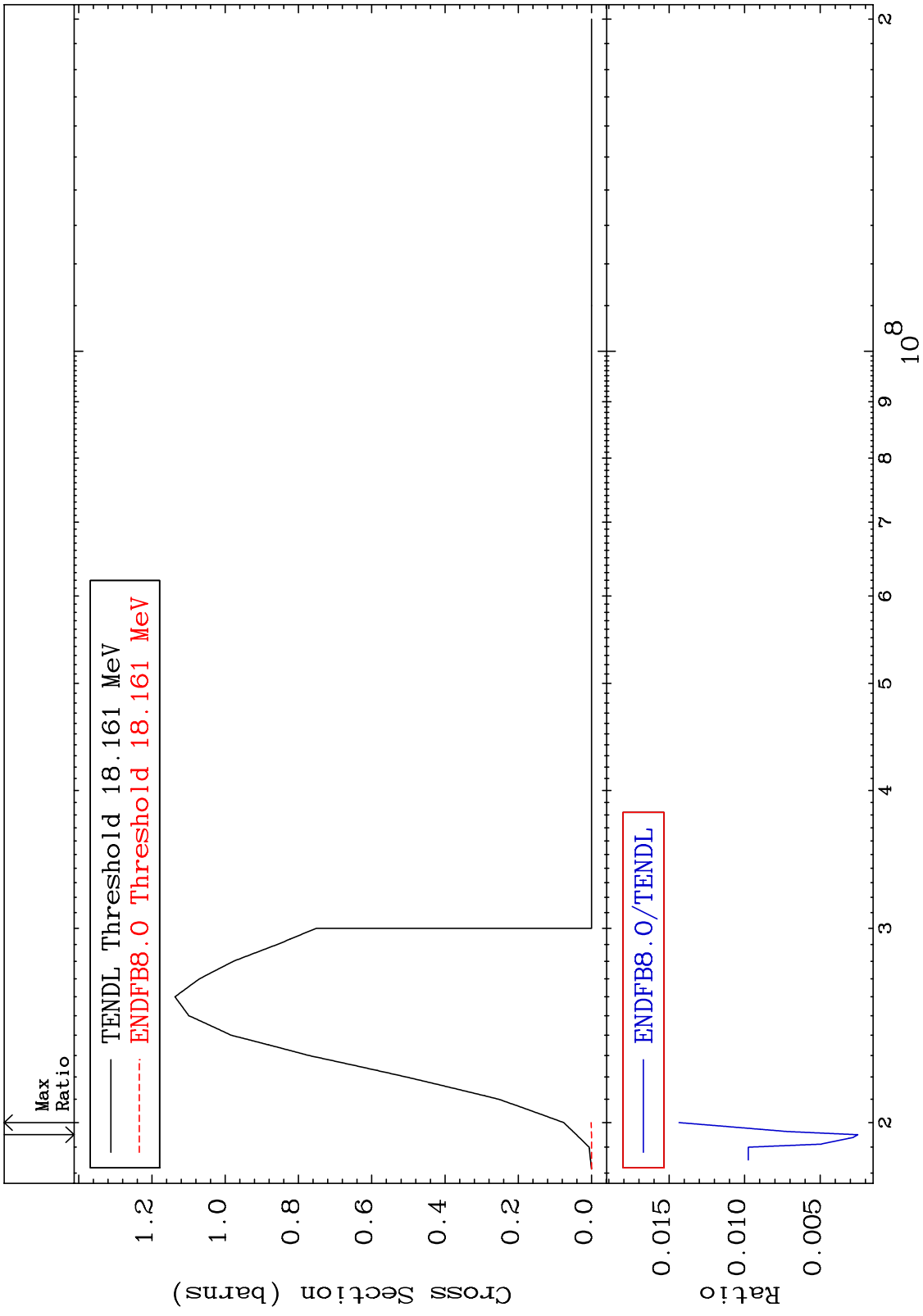


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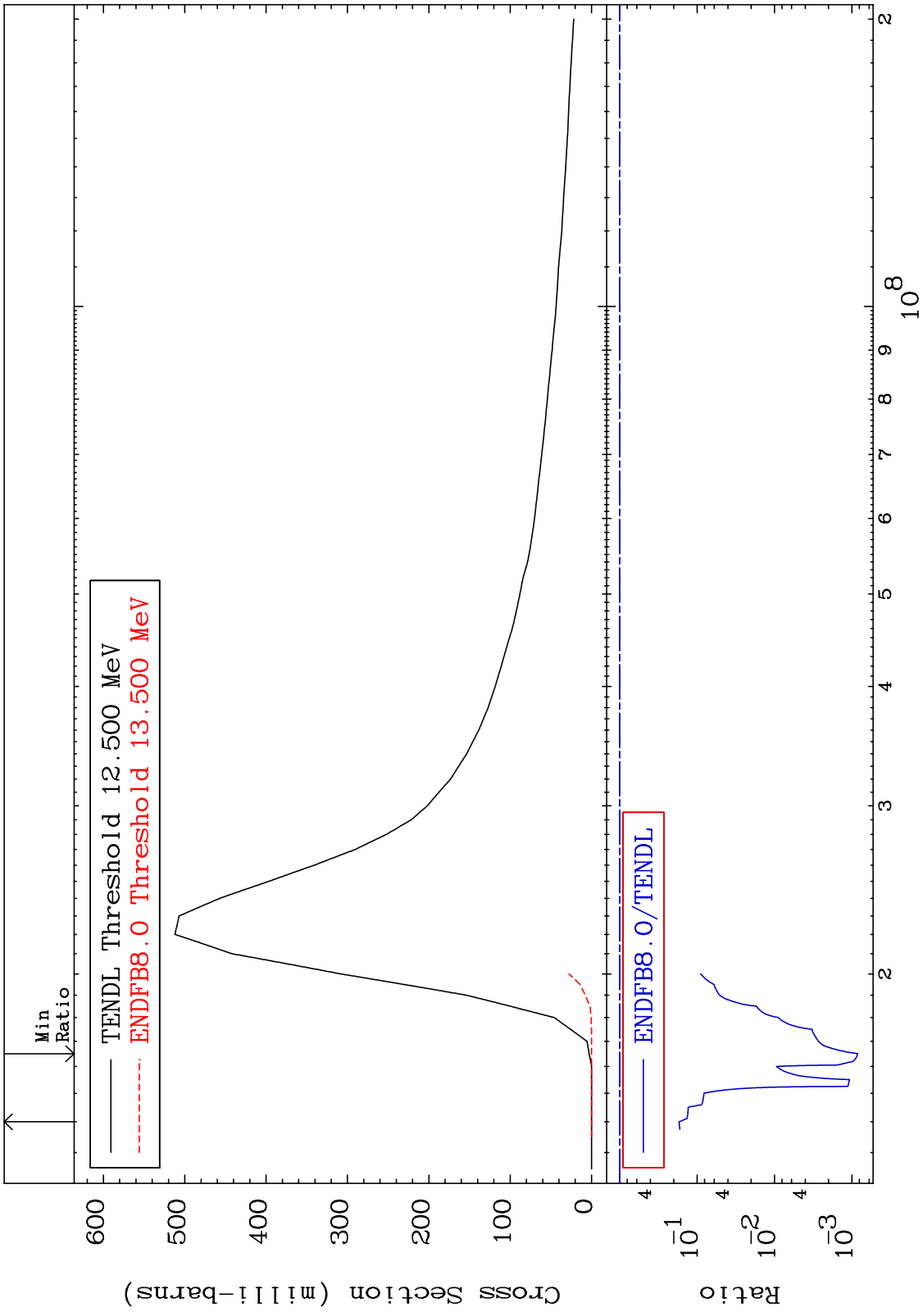
Incident Energy (eV)

94-Pu-242

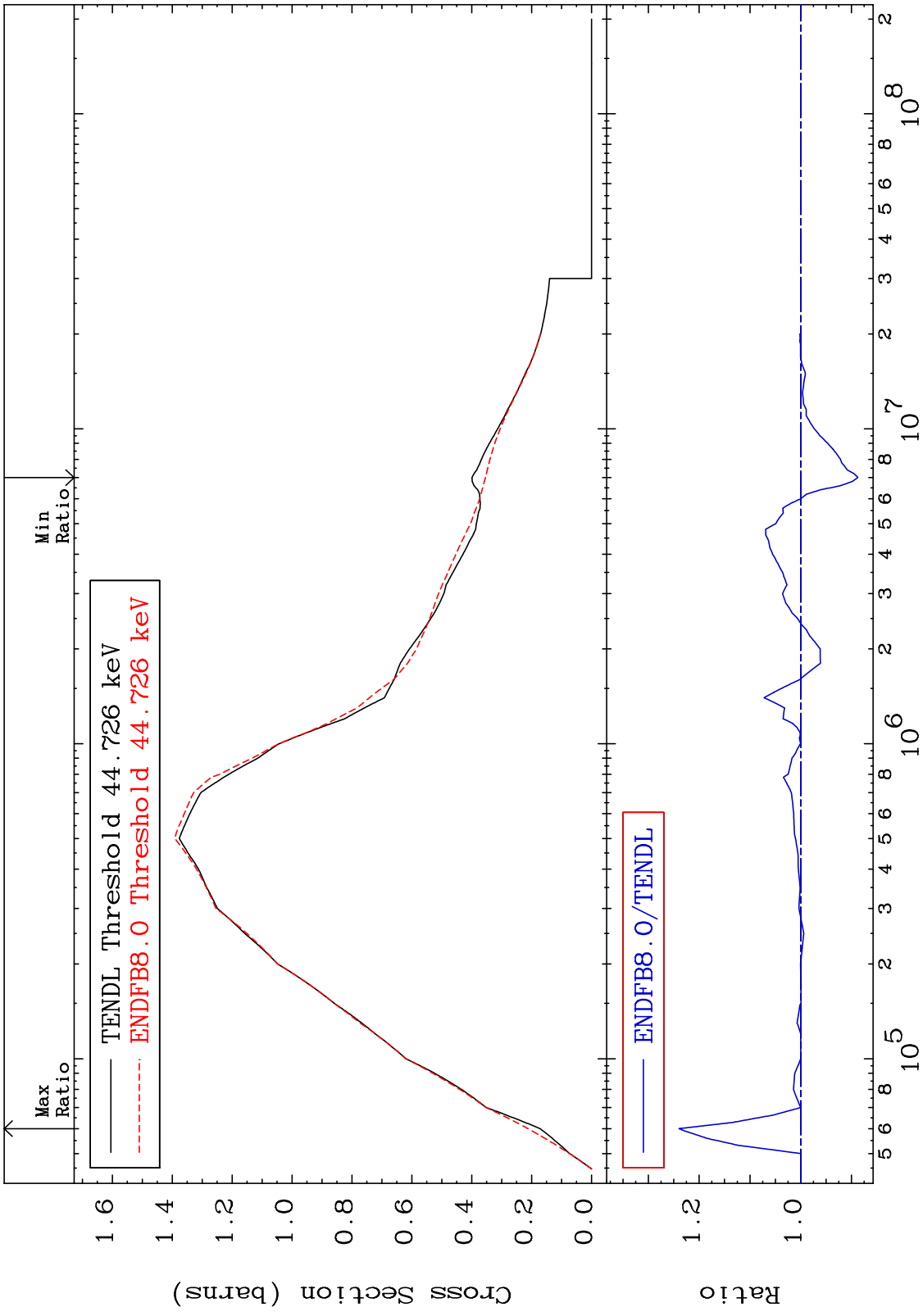
MAT 9446 (n,4n) Cross Section 94-Pu-242 -99.75 To -98.57%



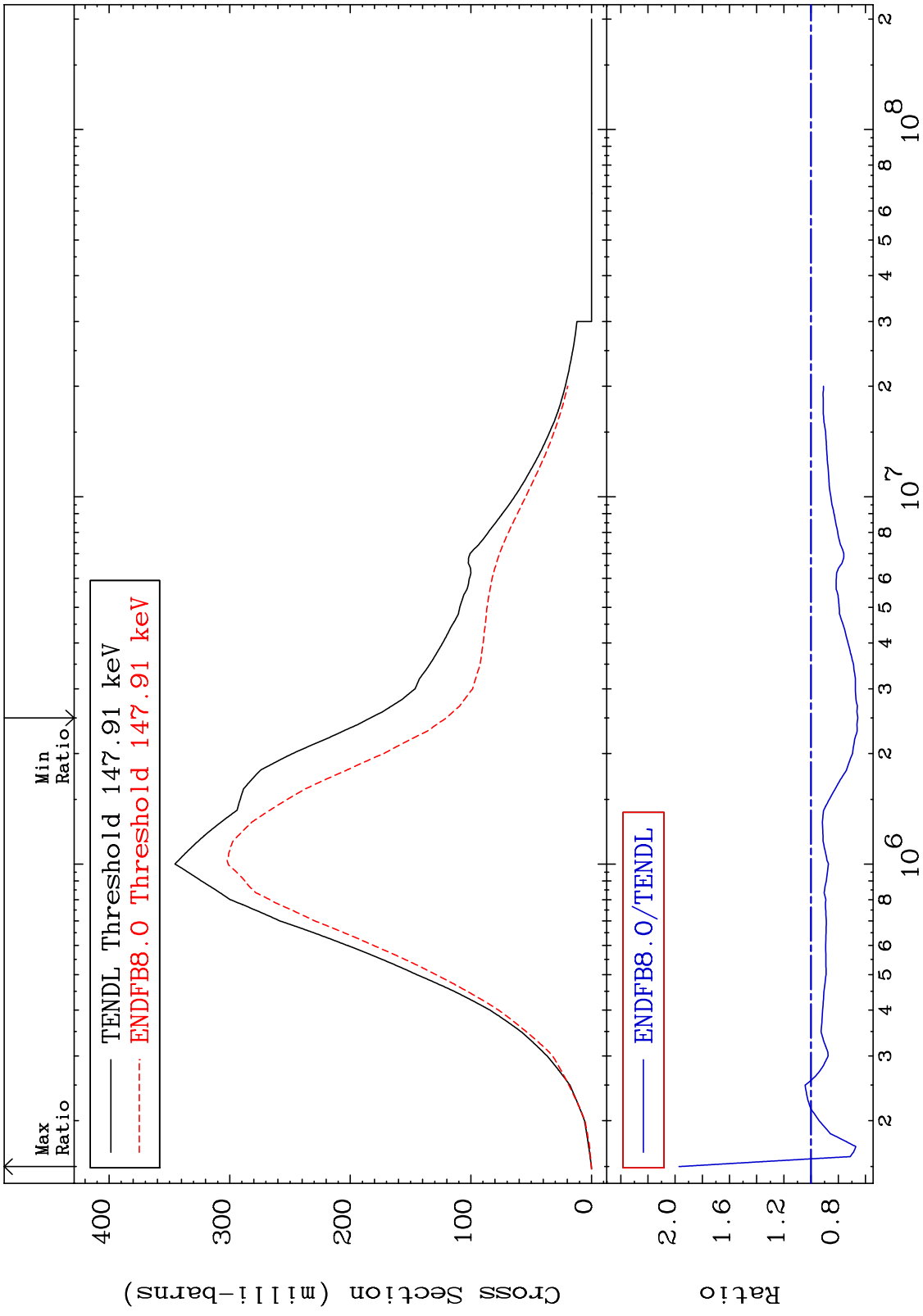
MAT 9446 (n,3nf) Fourth Chance Cross Section 94-Pu-242 -99.92 To -82.92%



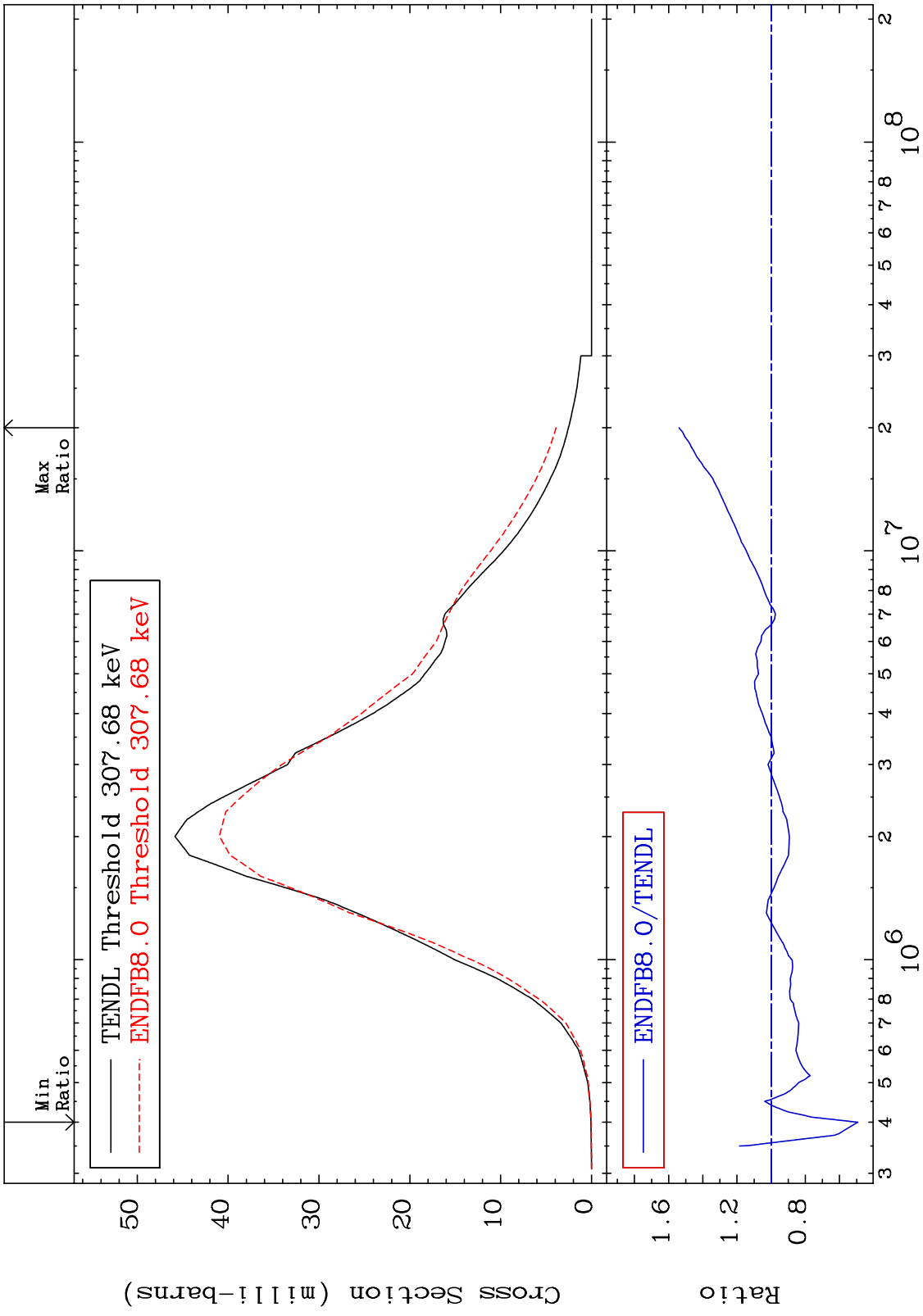
MAT 9446 MT= 51 (n,n') Level Cross Section 94-Pu-242
 -11.25 To 23.96 %



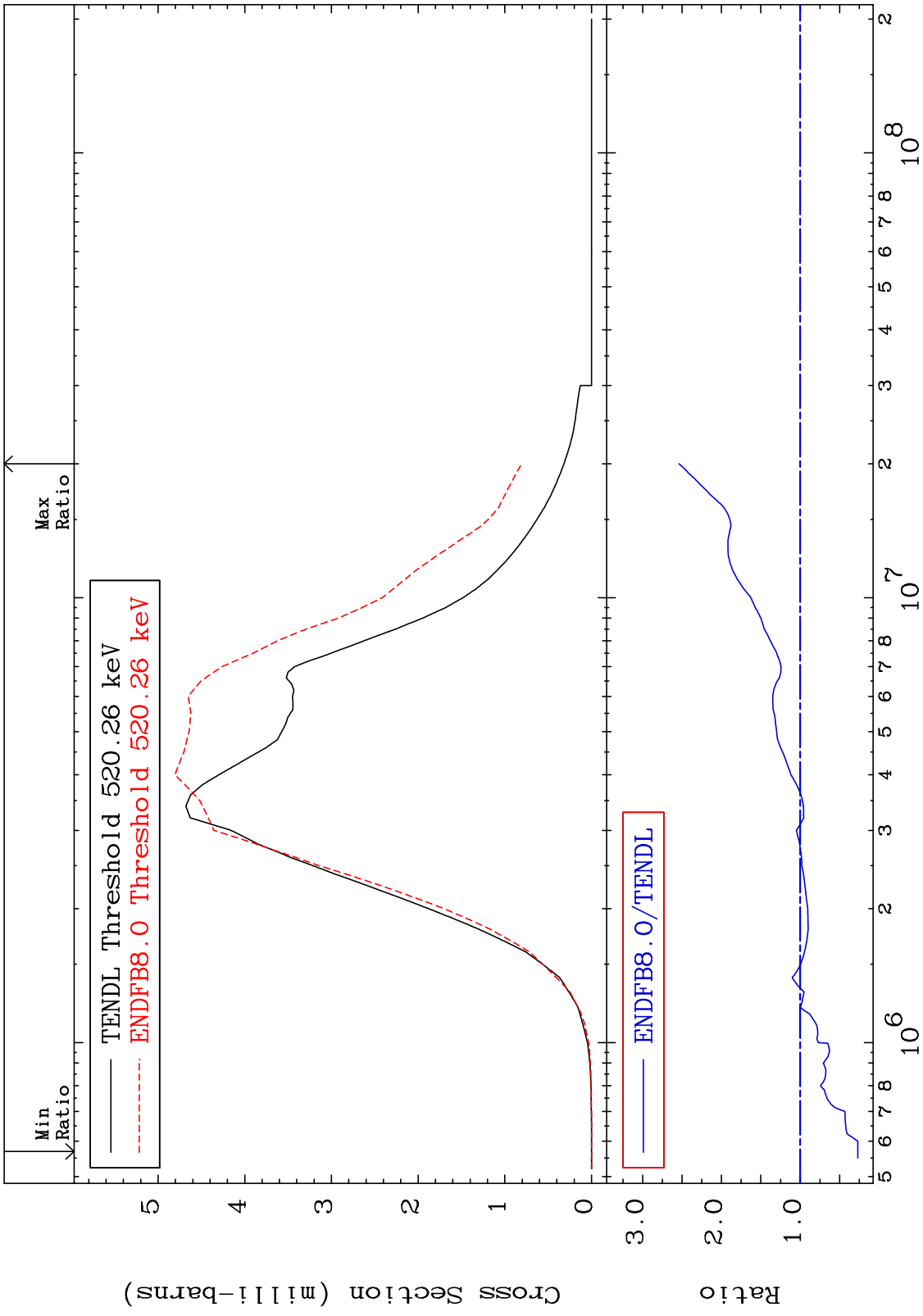
MAT 9446 MT= 52 (n,n') Level Cross Section 94-Pu-242
 -34.41 To 97.10 %



MAT 9446 MT= 53 (n,n') Level Cross Section 94-Pu-242
 -50.72 To 53.92 %



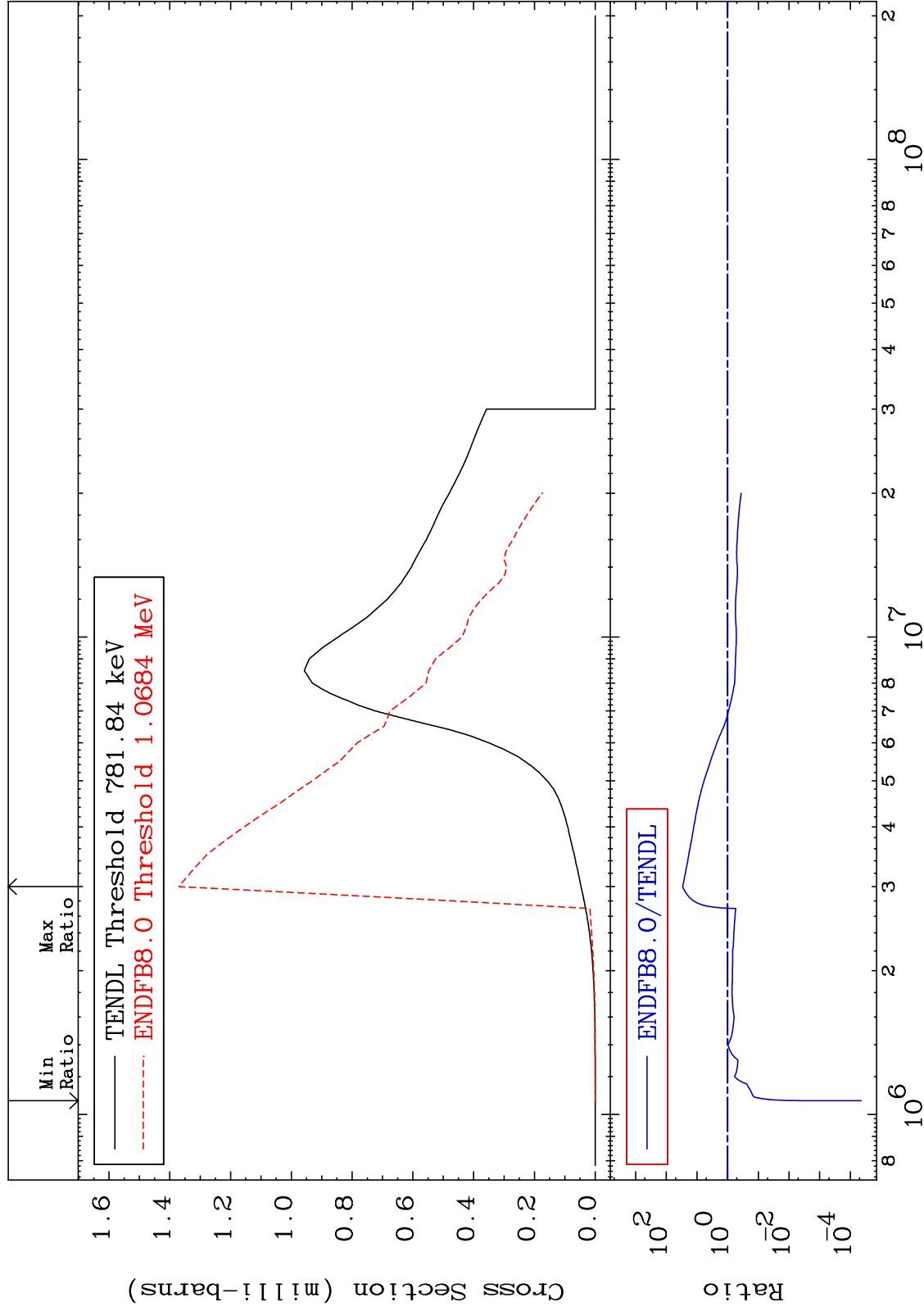
MAT 9446 MT= 54 (n,n') Level Cross Section -73.25 To 153.9 % 94-Pu-242



MAT 9446

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

94-Pu-242
-100.0 To 2828. %

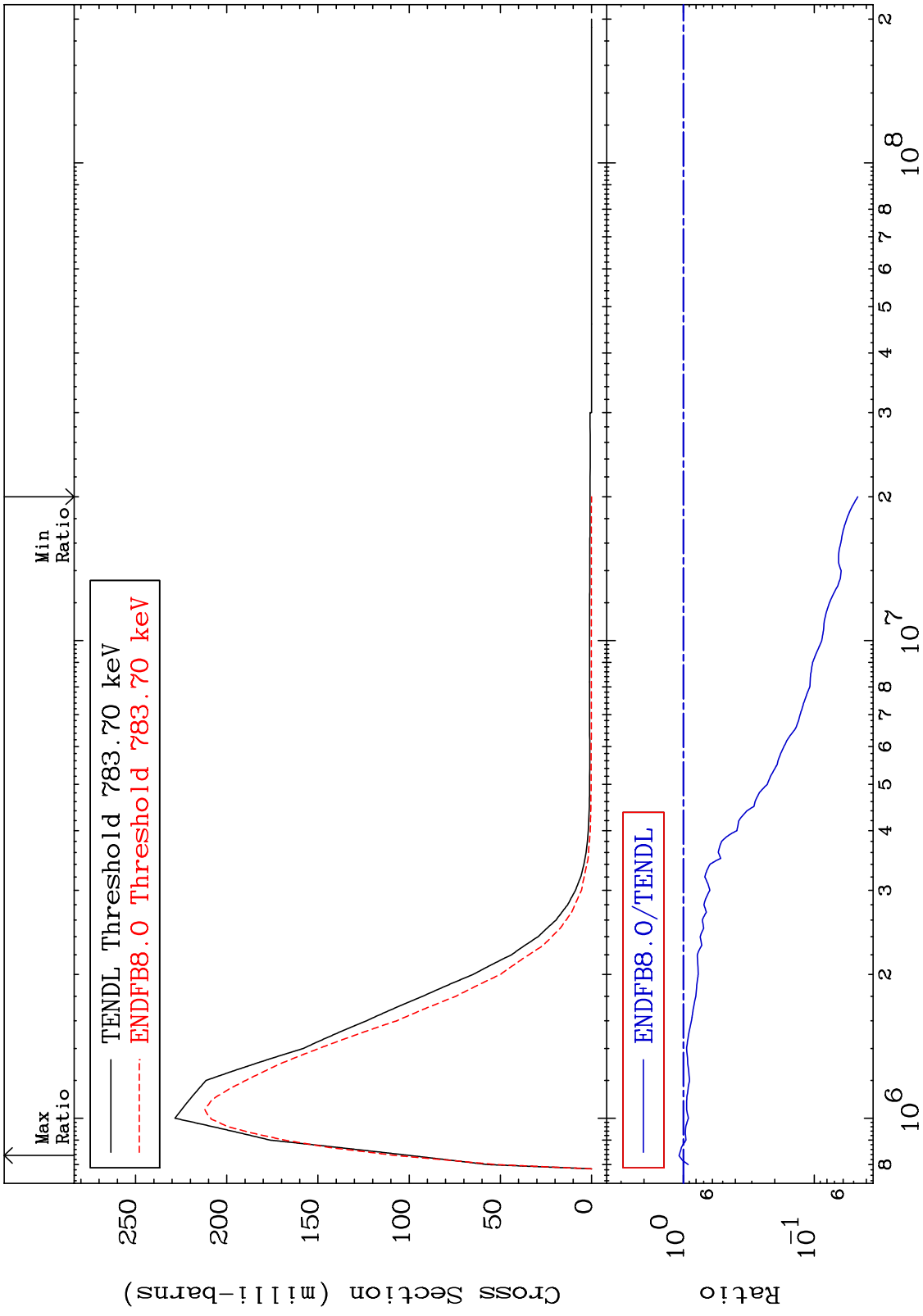


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Incident Energy (eV)

94-Pu-242

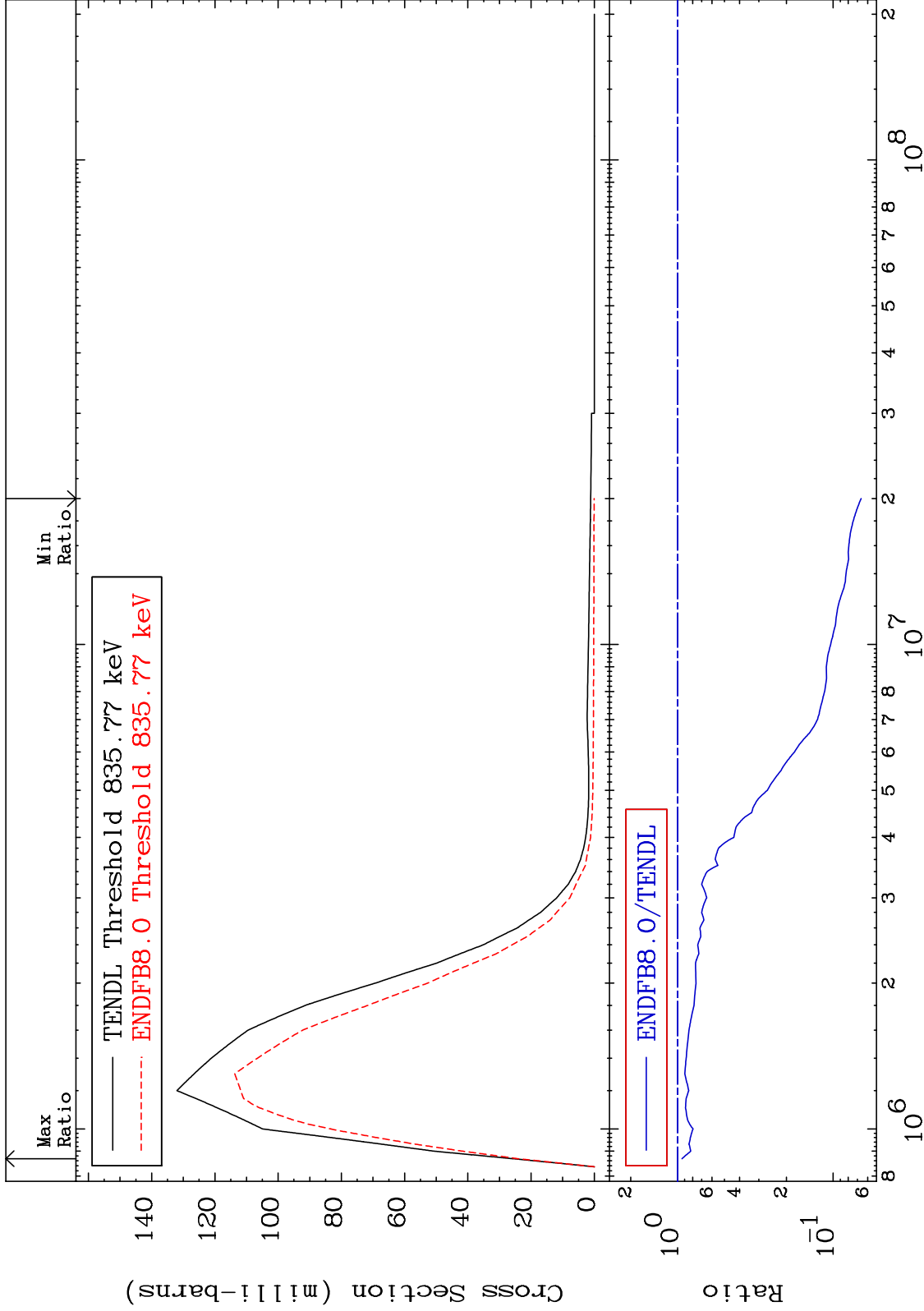
MAT 9446 MT= 56 (n,n') Level Cross Section 94-Pu-242
 -95.36 To 7.909 %



MAT 9446

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

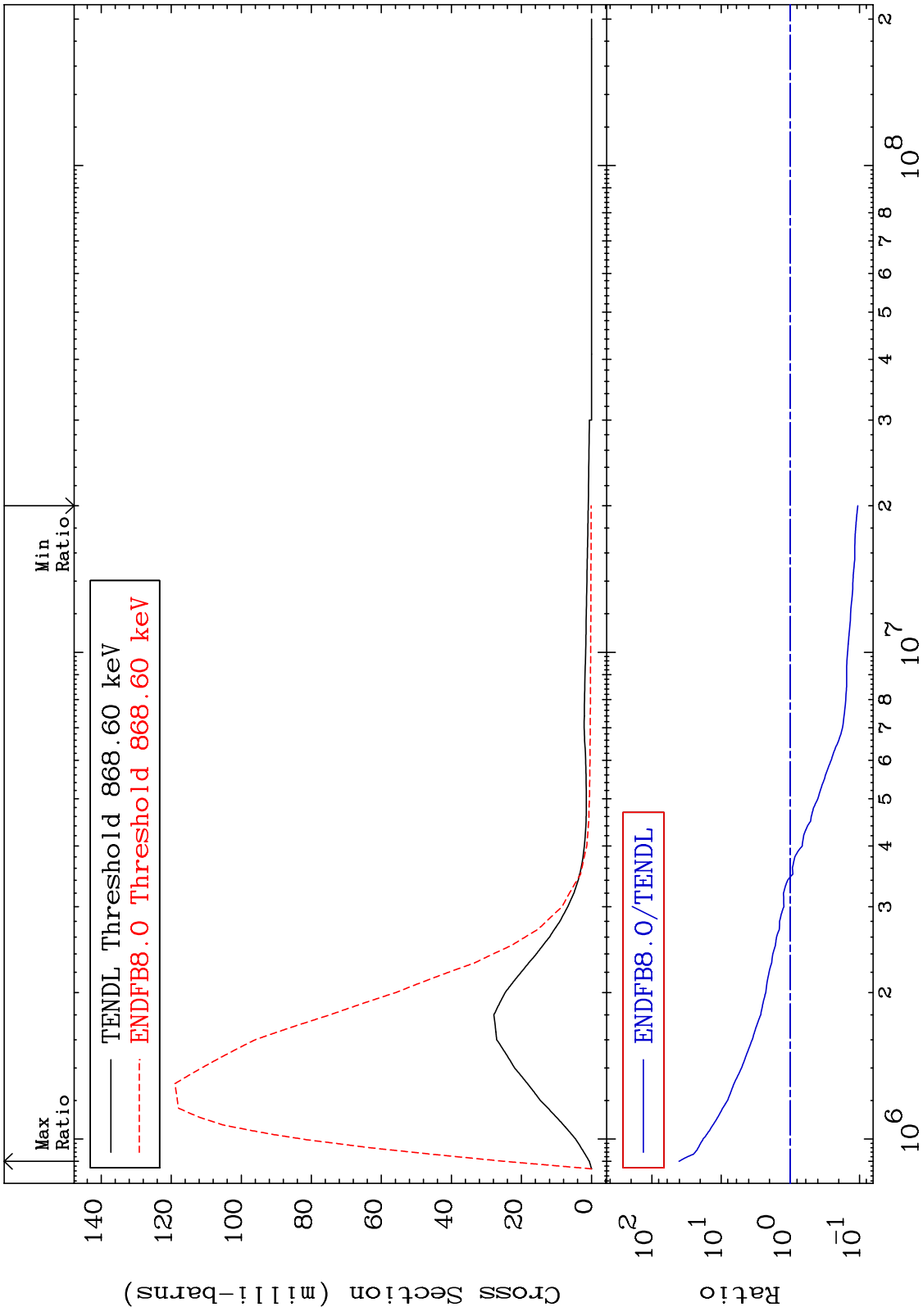
94-Pu-242
-93.39 To -6.472%



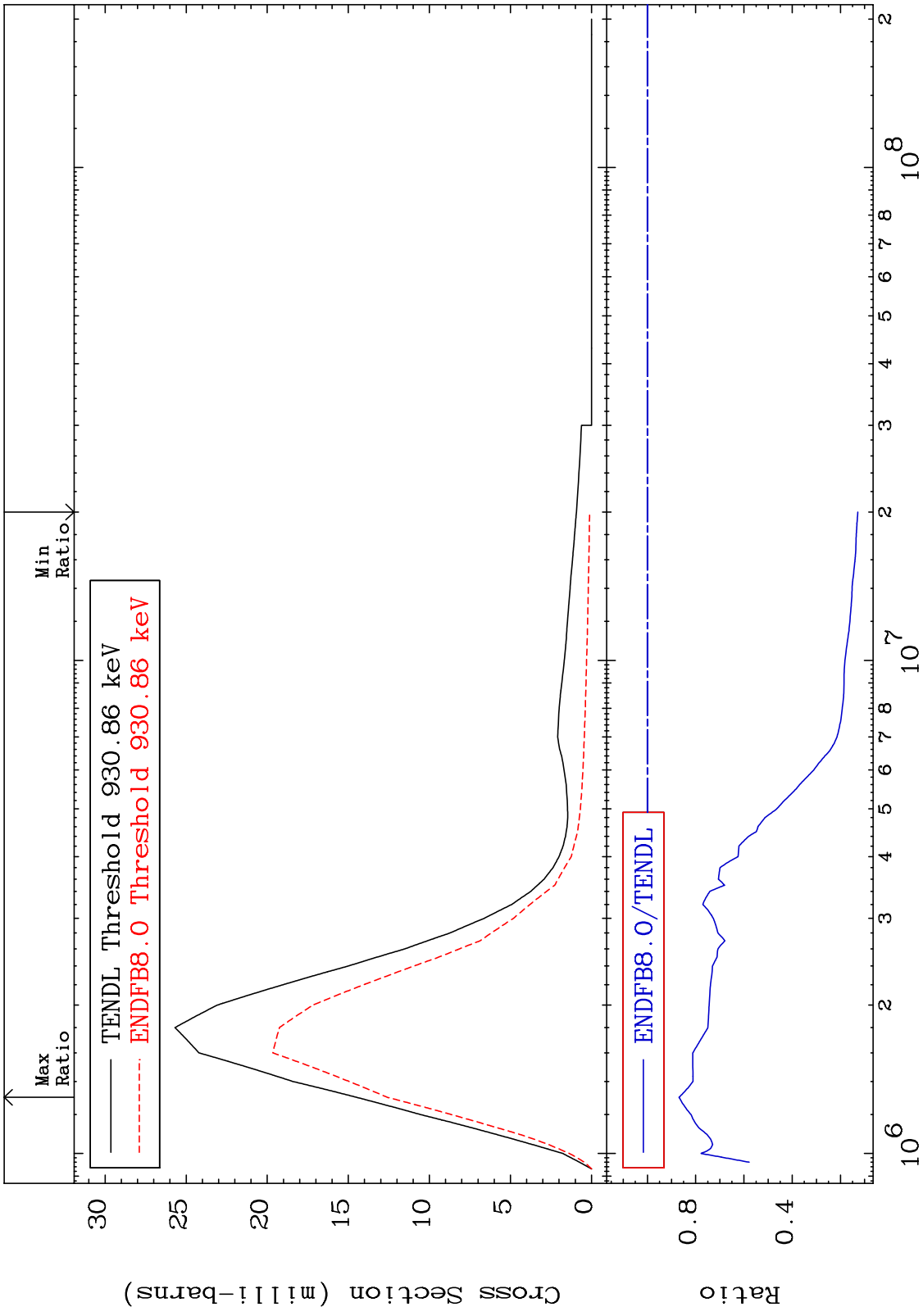
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94-Pu-242

MAT 9446 MT= 58 (n,n') Level Cross Section 94-Pu-242
 -89.42 To 3947. %



MAT 9446 MT= 59 (n,n') Level Cross Section 94-Pu-242 -87.17 To -13.11%

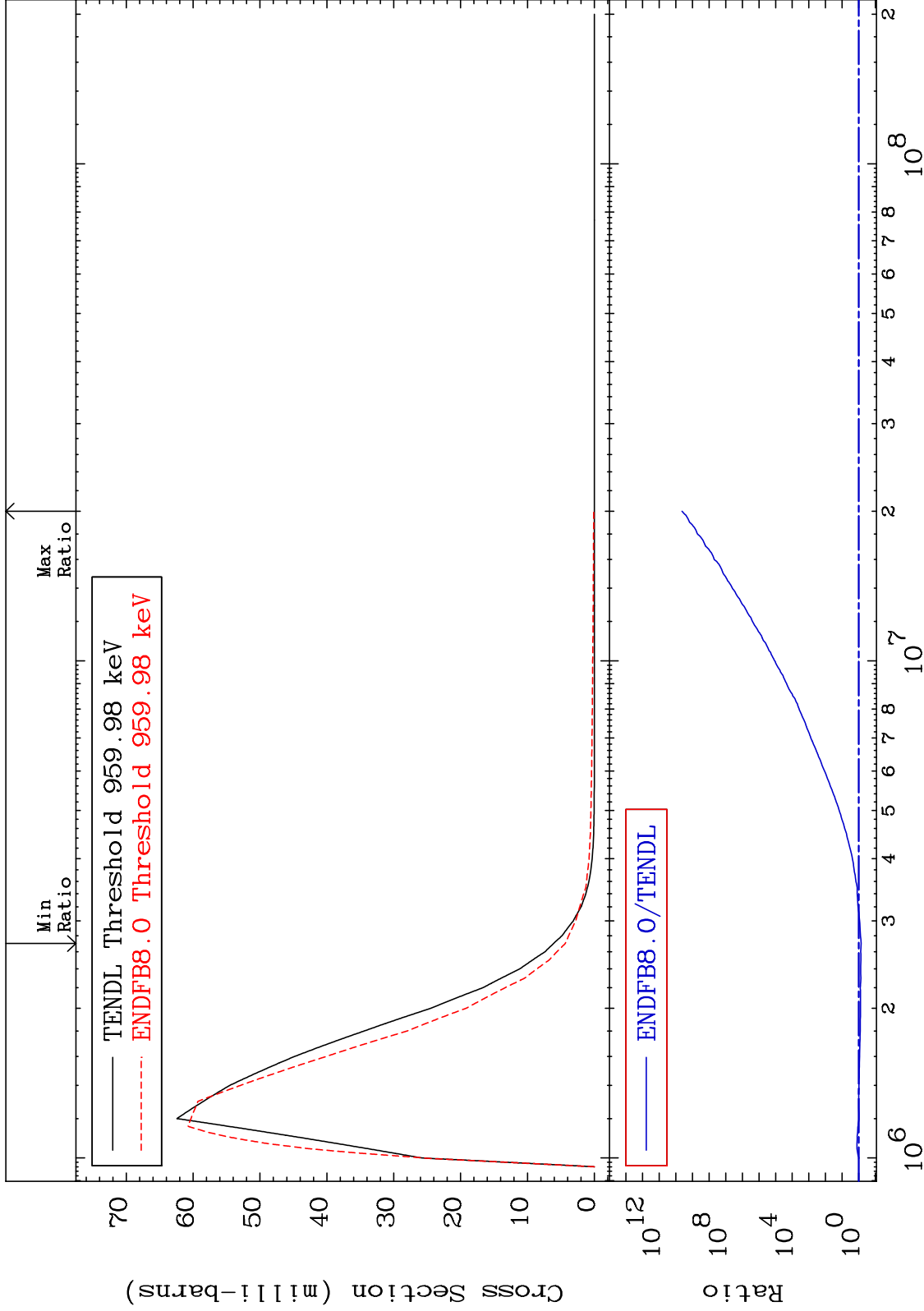


Ratio Incident Energy (eV) 94-Pu-242

MAT 9446

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

94-Pu-242
-28.70 To 9999. %

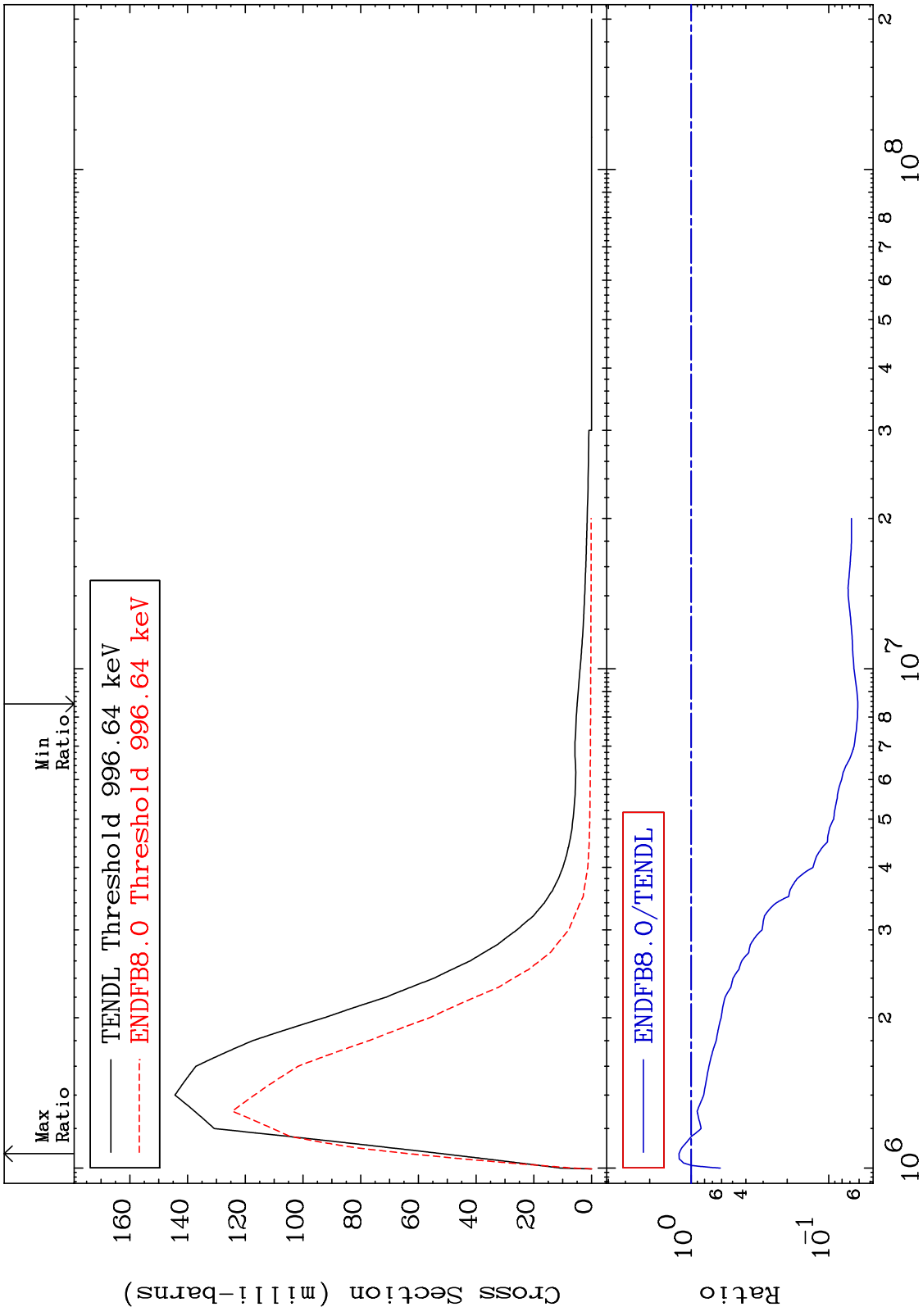


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Incident Energy (eV)

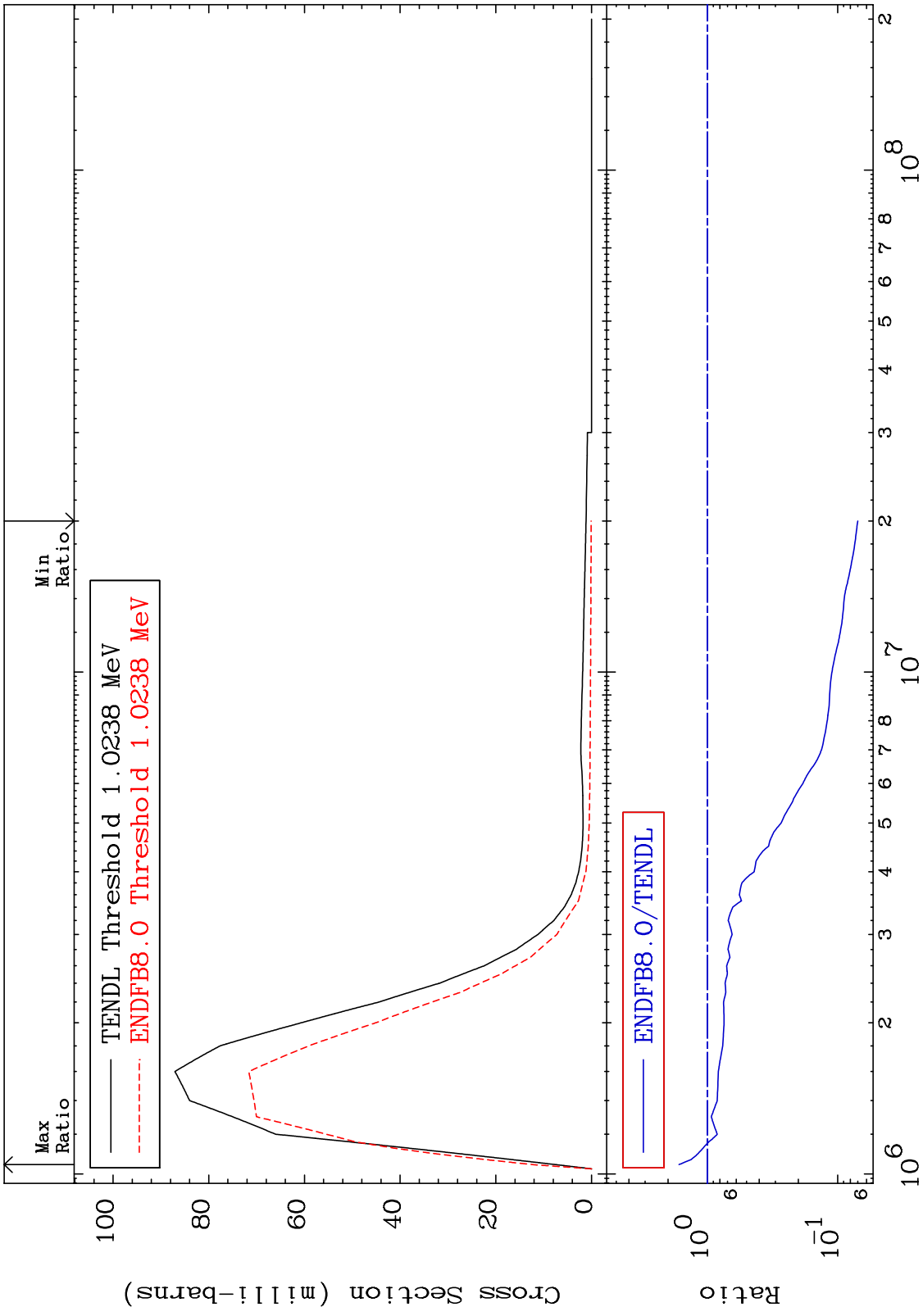
94-Pu-242

MAT 9446 MT= 61 (n,n') Level Cross Section 94-Pu-242
 -93.87 To 22.39 %

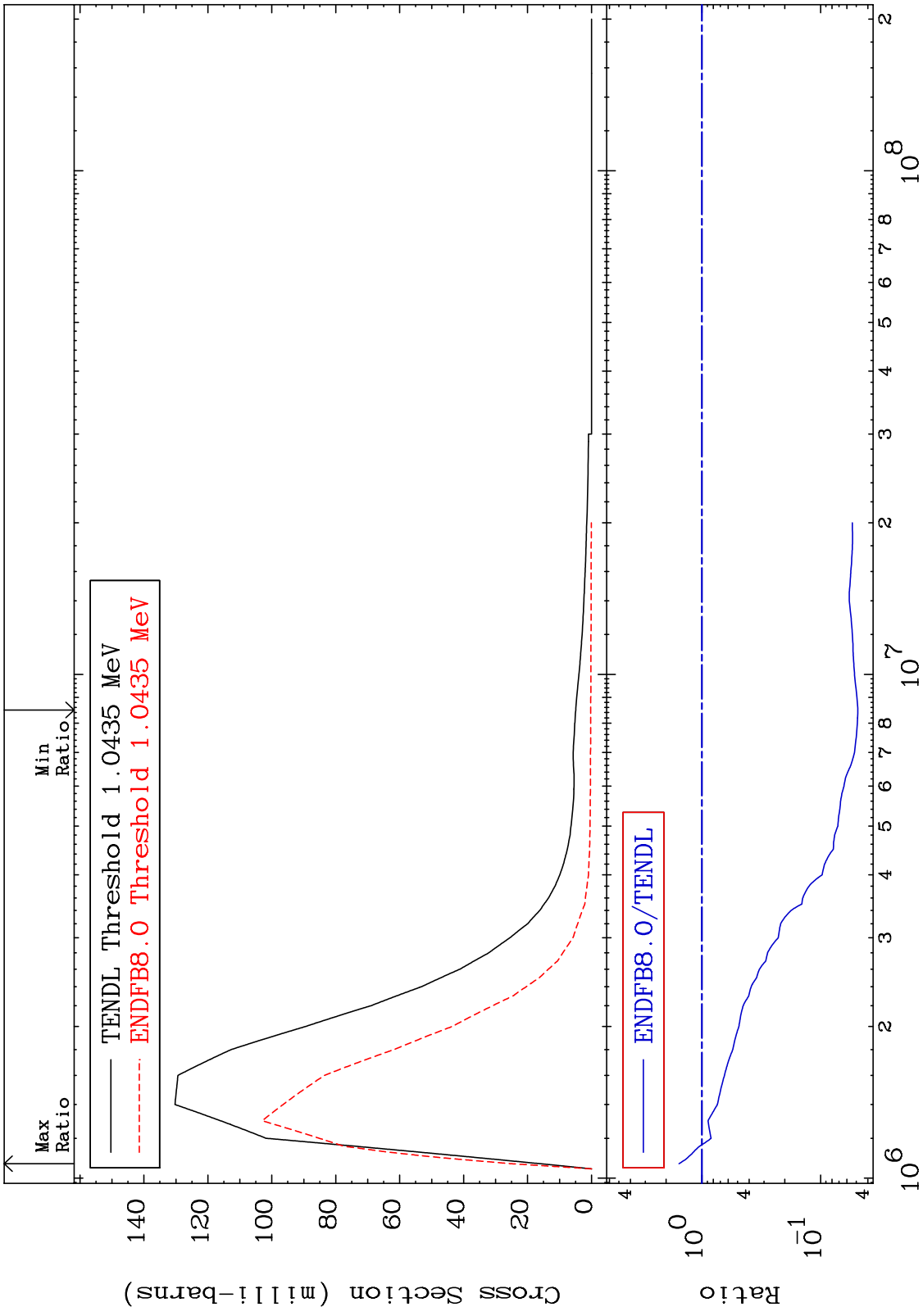


22 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 62 (n,n') Level Cross Section 94-Pu-242
 -93.00 To 64.85 %

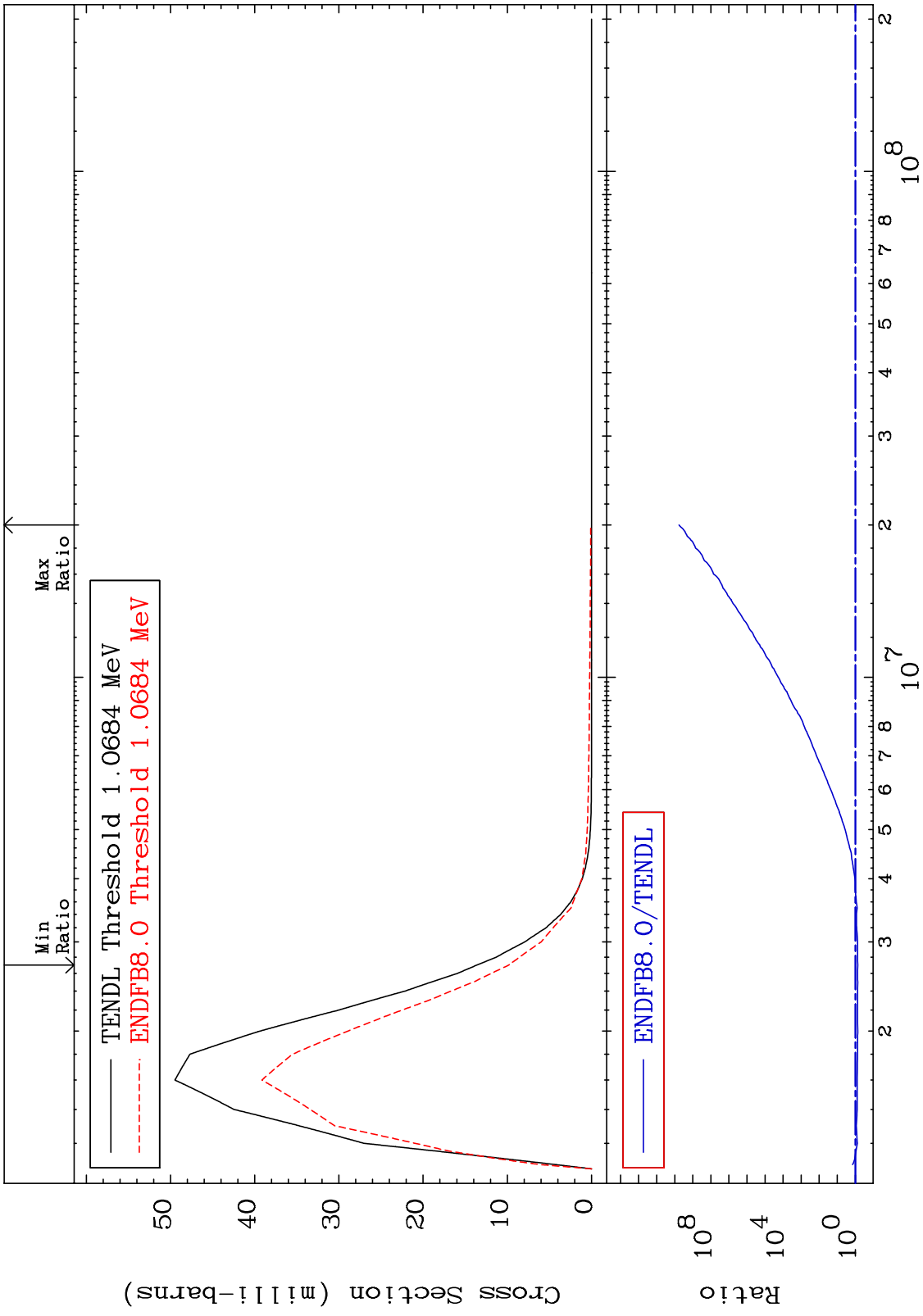


MAT 9446 MT= 63 (n,n') Level Cross Section 94-Pu-242
 -95.15 To 55.67 %

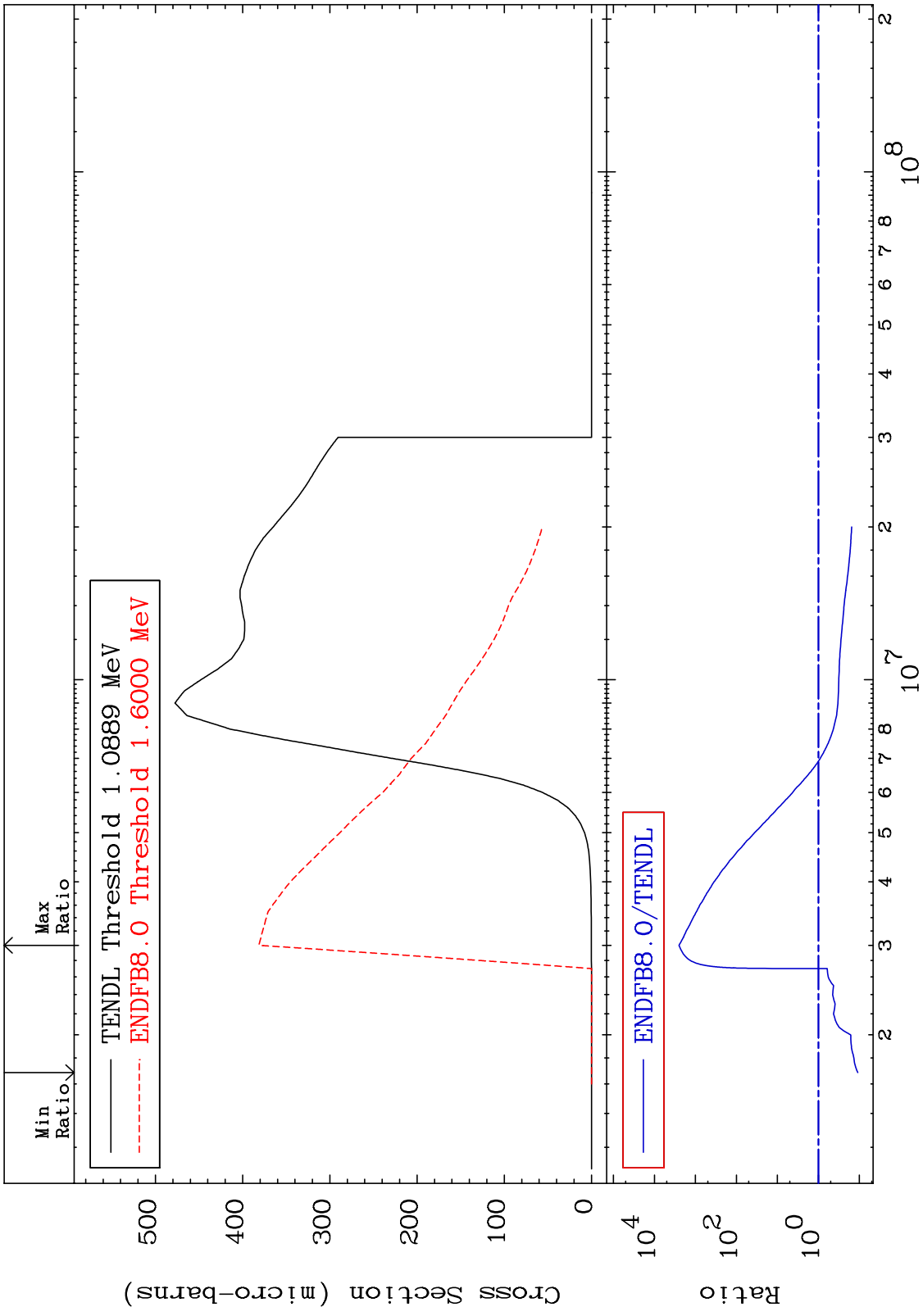


24 Incident Energy (eV) 94-Pu-242

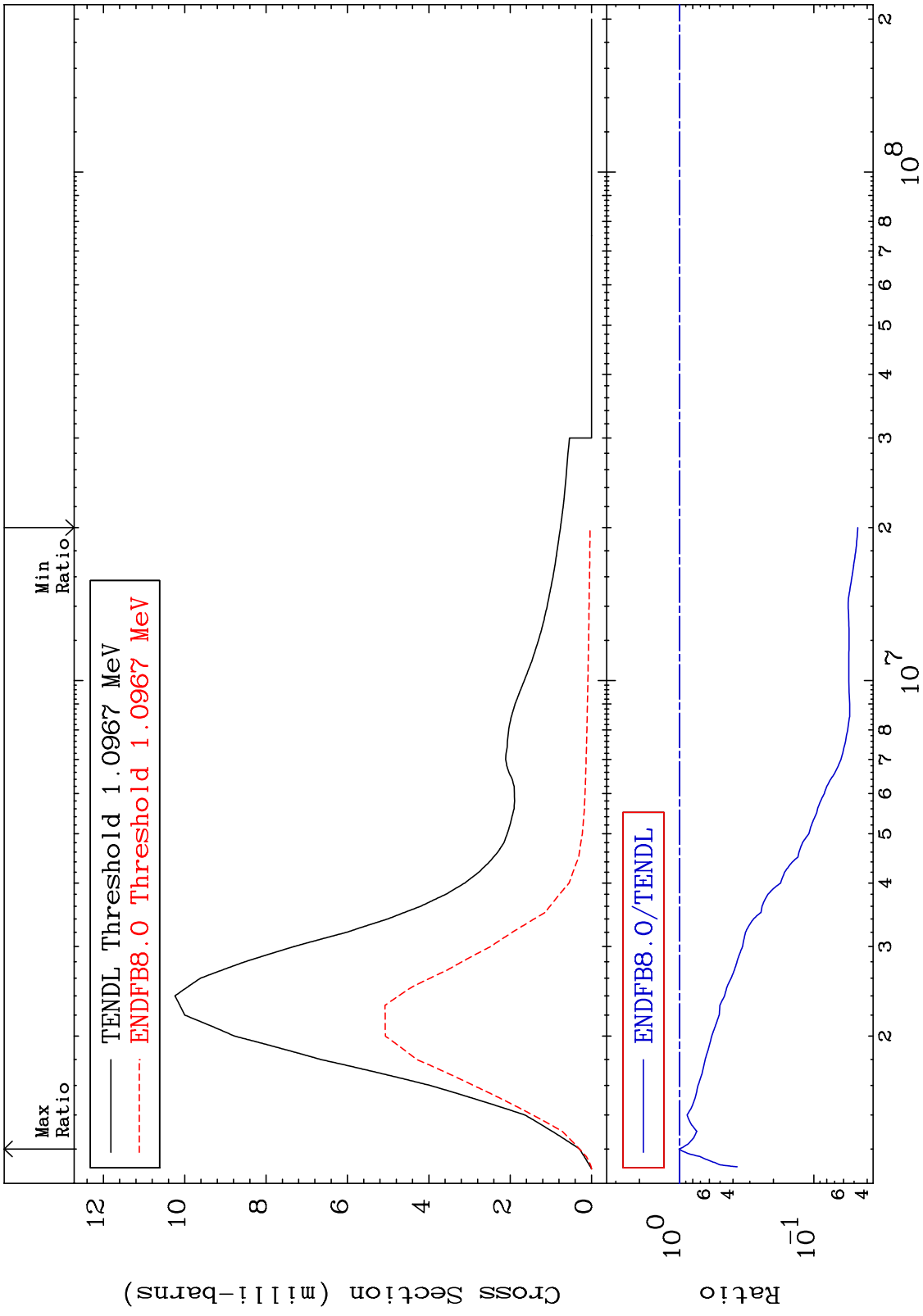
MAT 9446 MT= 64 (n,n') Level Cross Section 94-Pu-242
 -27.84 To 9999. %



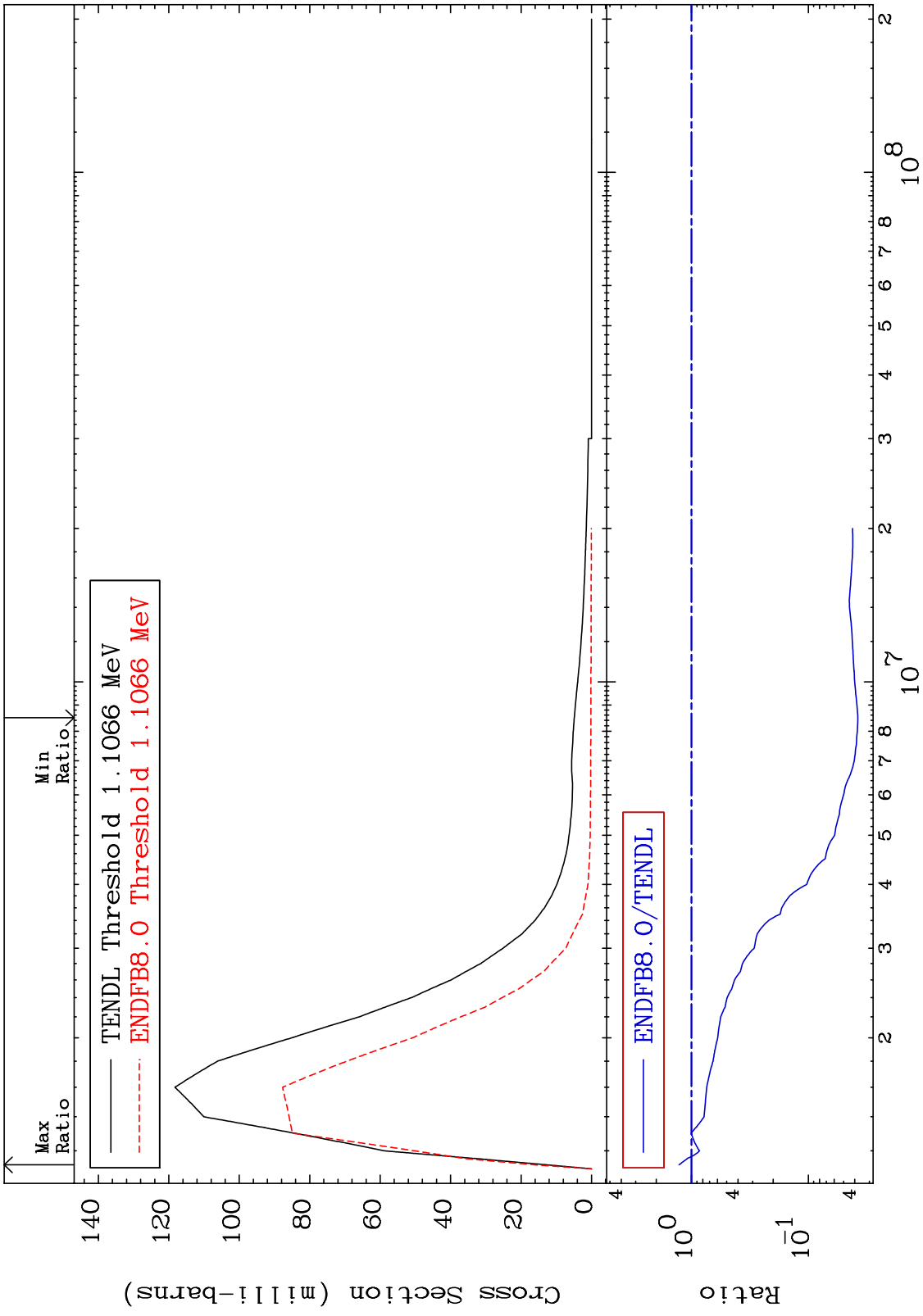
MAT 9446 MT= 65 (n,n') Level Cross Section 94-Pu-242
 -89.08 To 9999. %



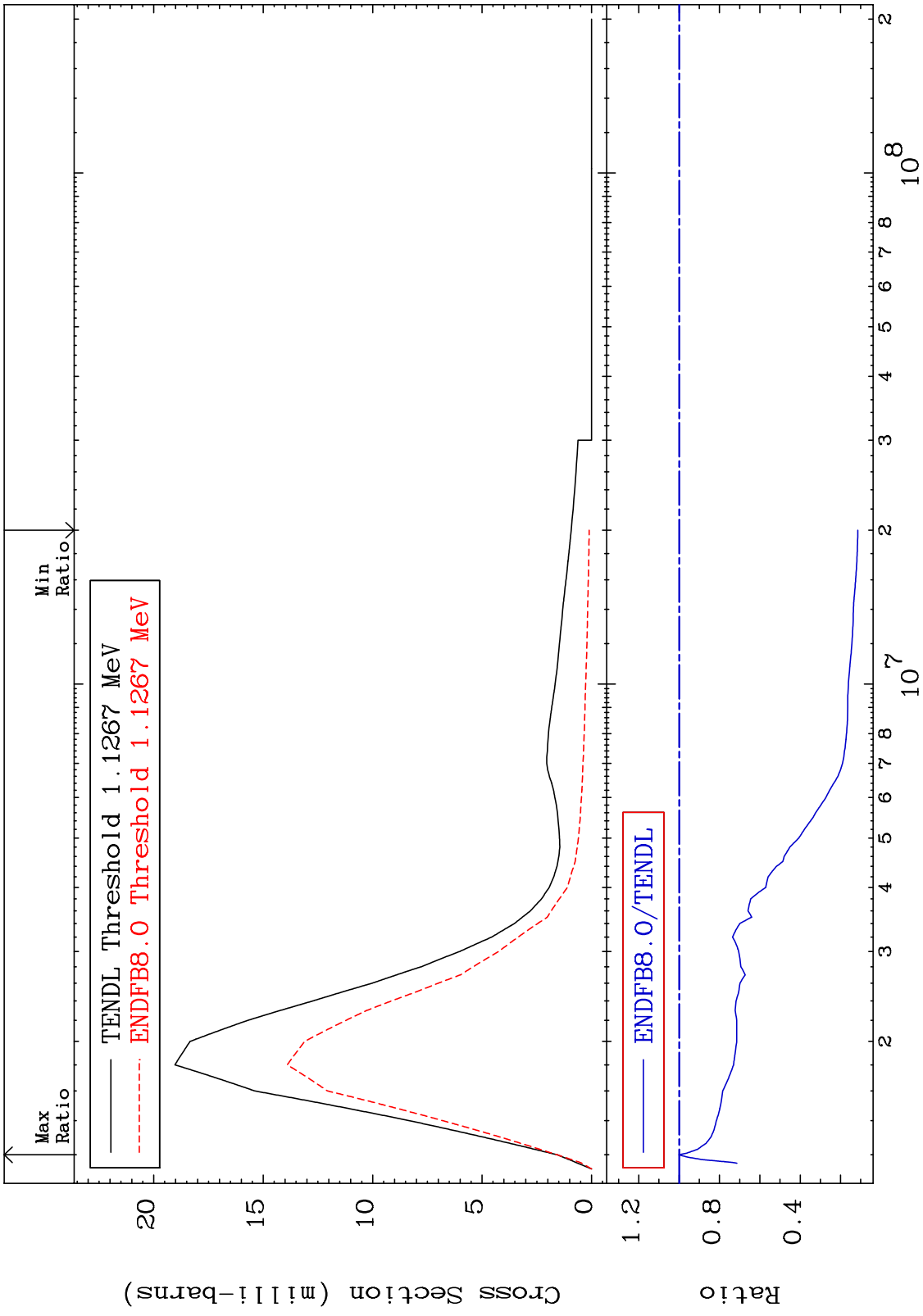
MAT 9446 MT= 66 (n,n') Level Cross Section 94-Pu-242
 -95.31 To 1.124 %



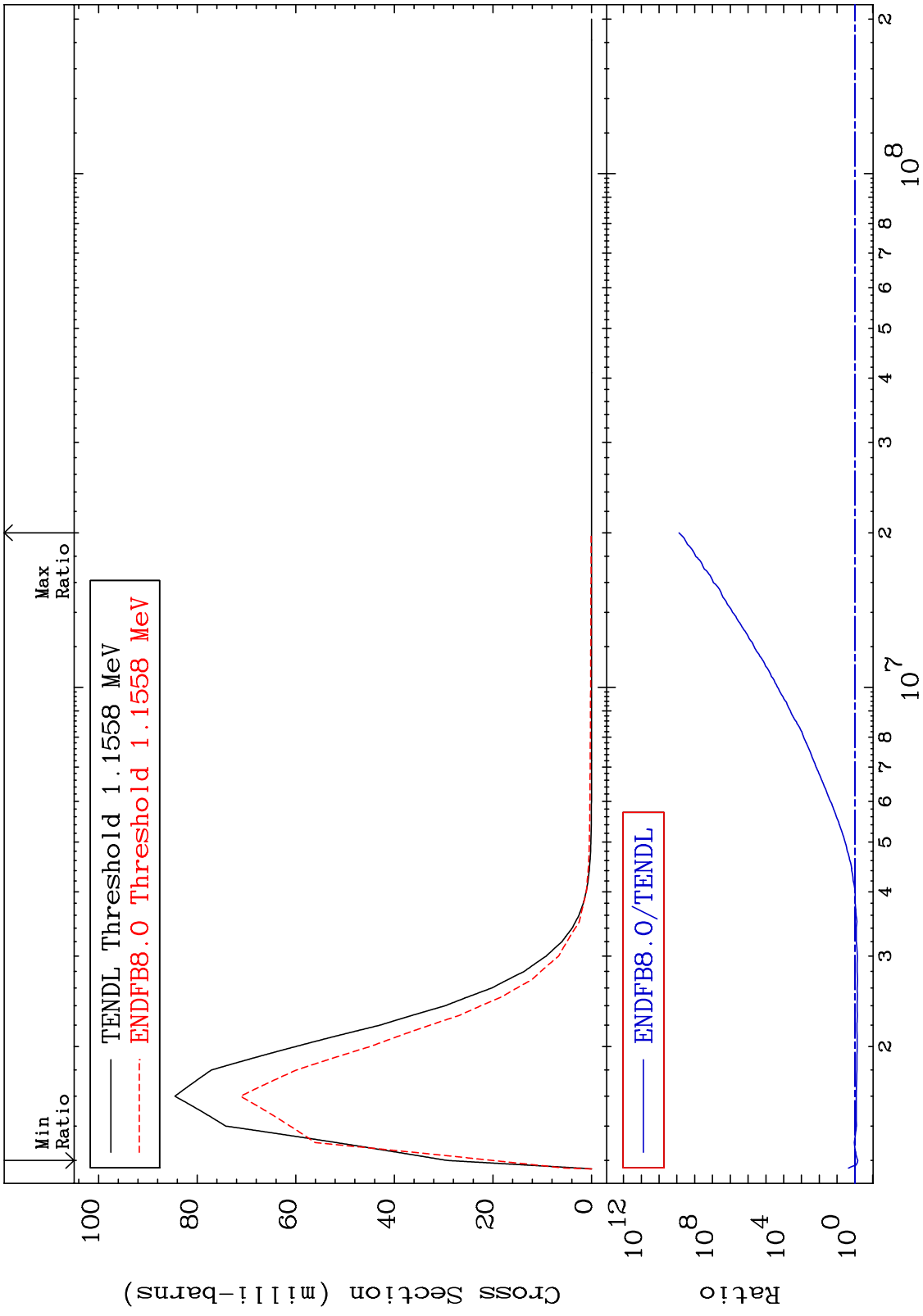
MAT 9446 MT= 67 (n,n') Level Cross Section 94-Pu-242
 -96.23 To 27.85 %



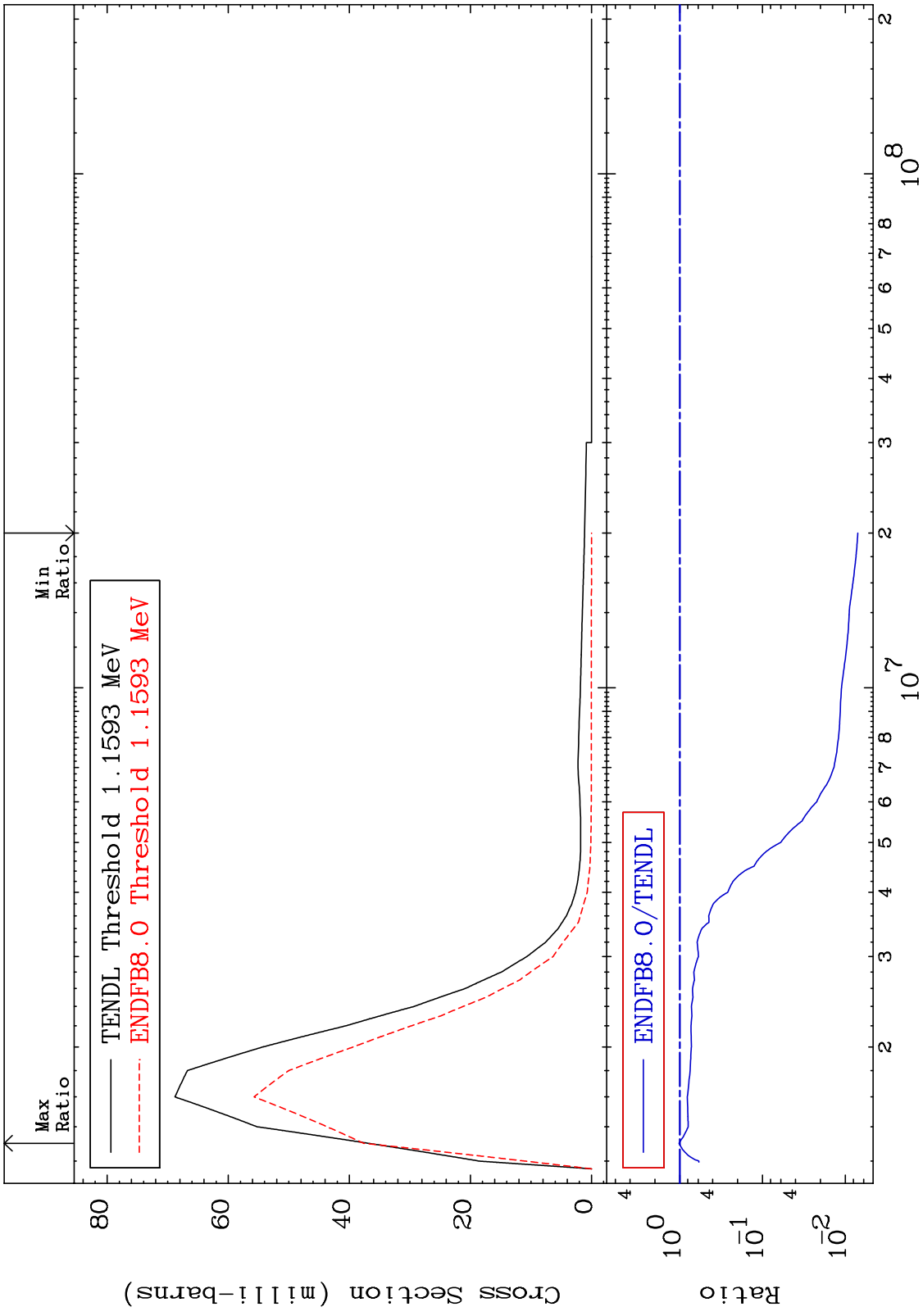
MAT 9446 MT= 68 (n,n') Level Cross Section 94-Pu-242
 -88.56 To 0.044 %



MAT 9446 MT= 69 (n,n') Level Cross Section 94-Pu-242
 -31.74 To 9999. %



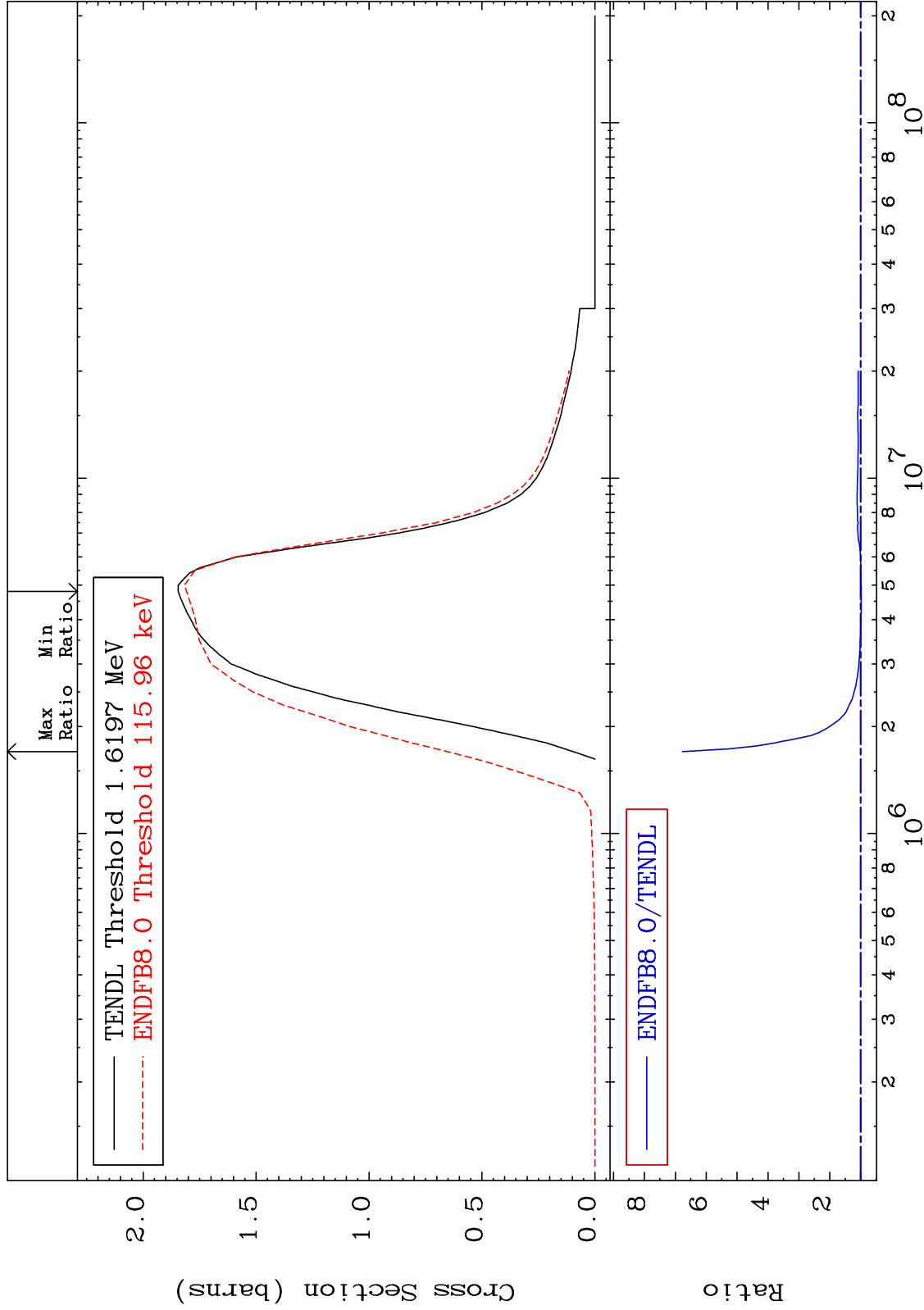
MAT 9446 MT= 70 (n,n') Level Cross Section 94-Pu-242
 -99.29 To 2.125 %



MAT 9446

(n, n') Continuum
Cross Section

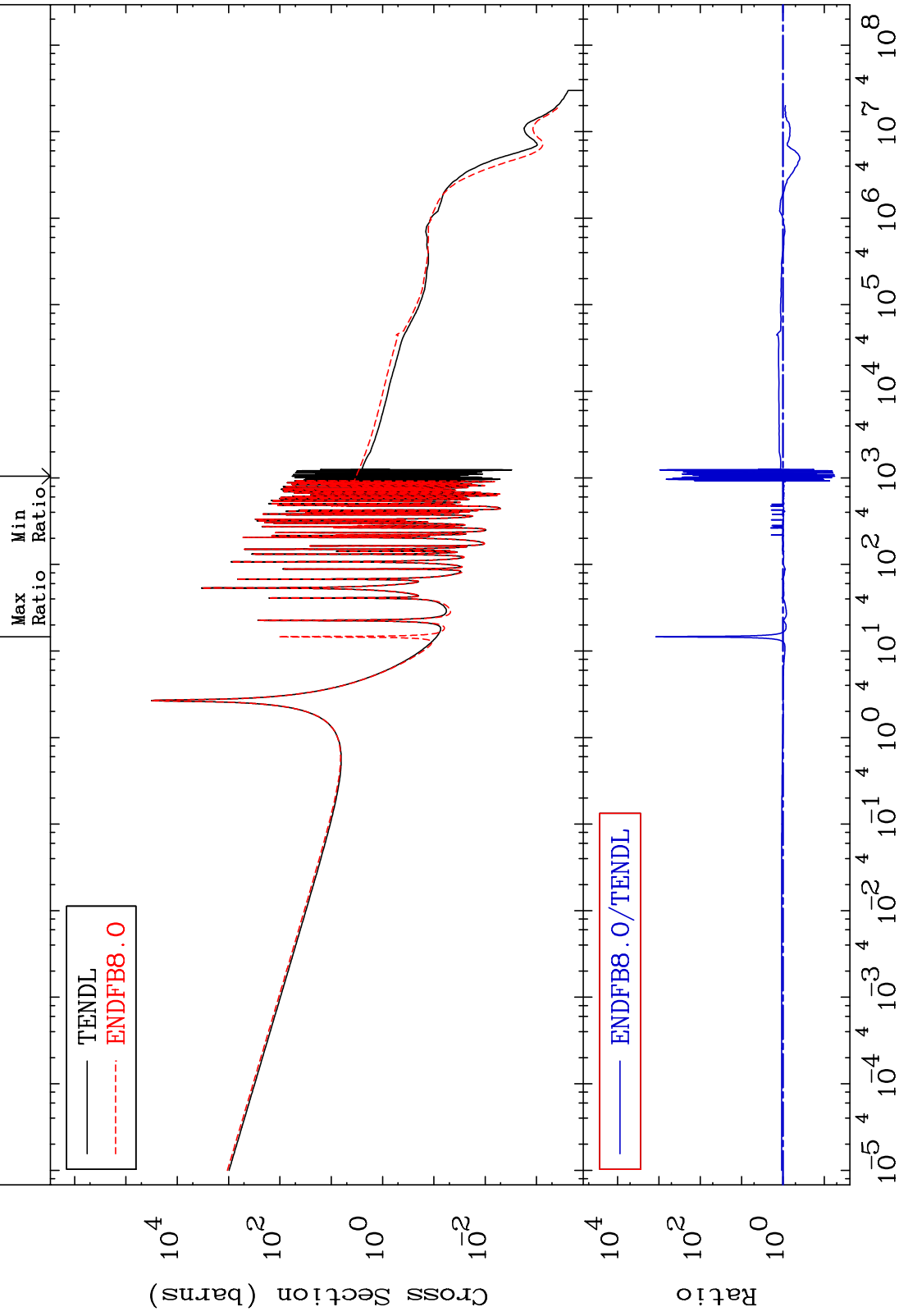
94-Pu-242
-2.016 To 576.9 %



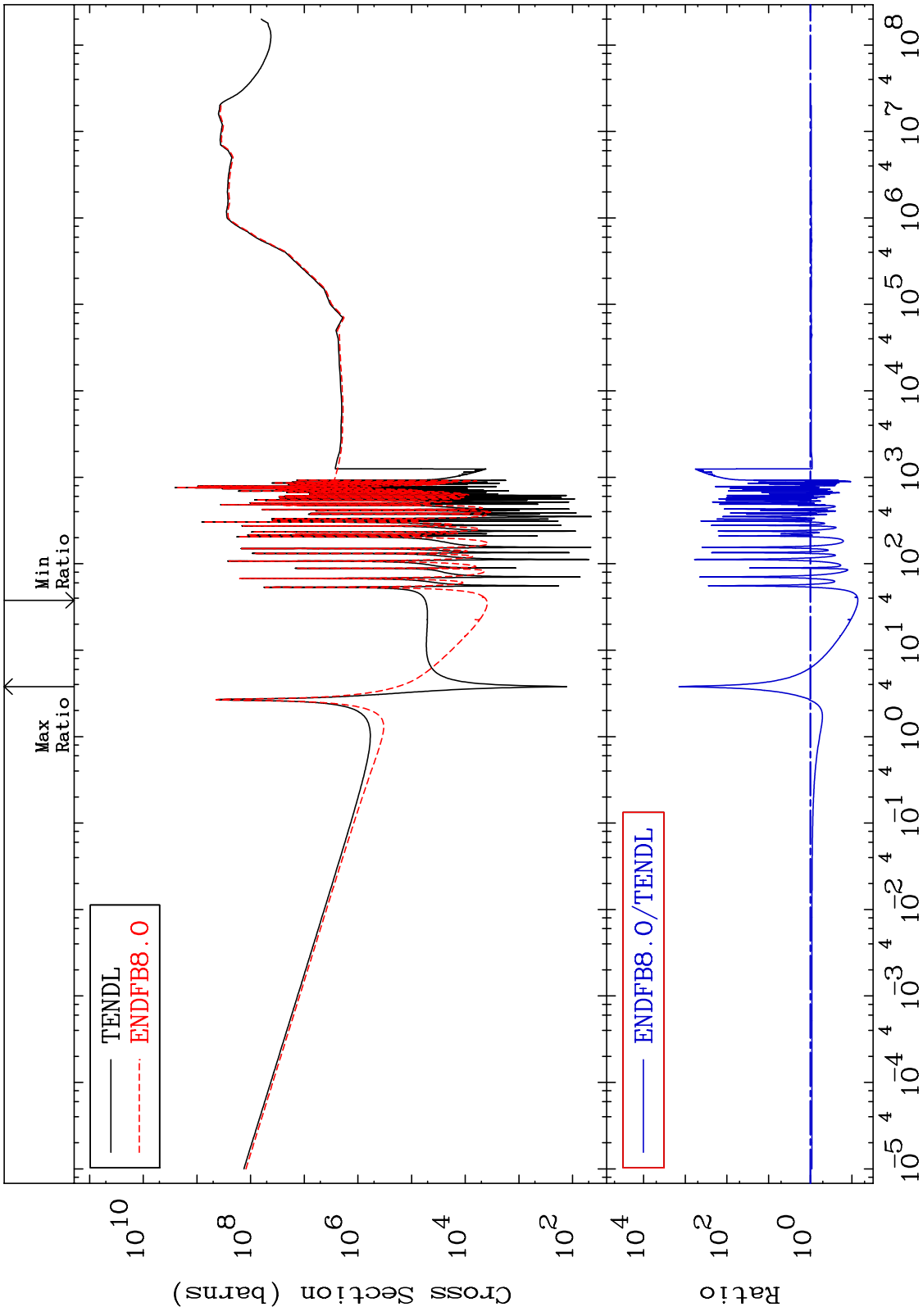
MAT 9446

(n, γ)
Cross Section

94-Pu-242
-94.39 To 9999. %



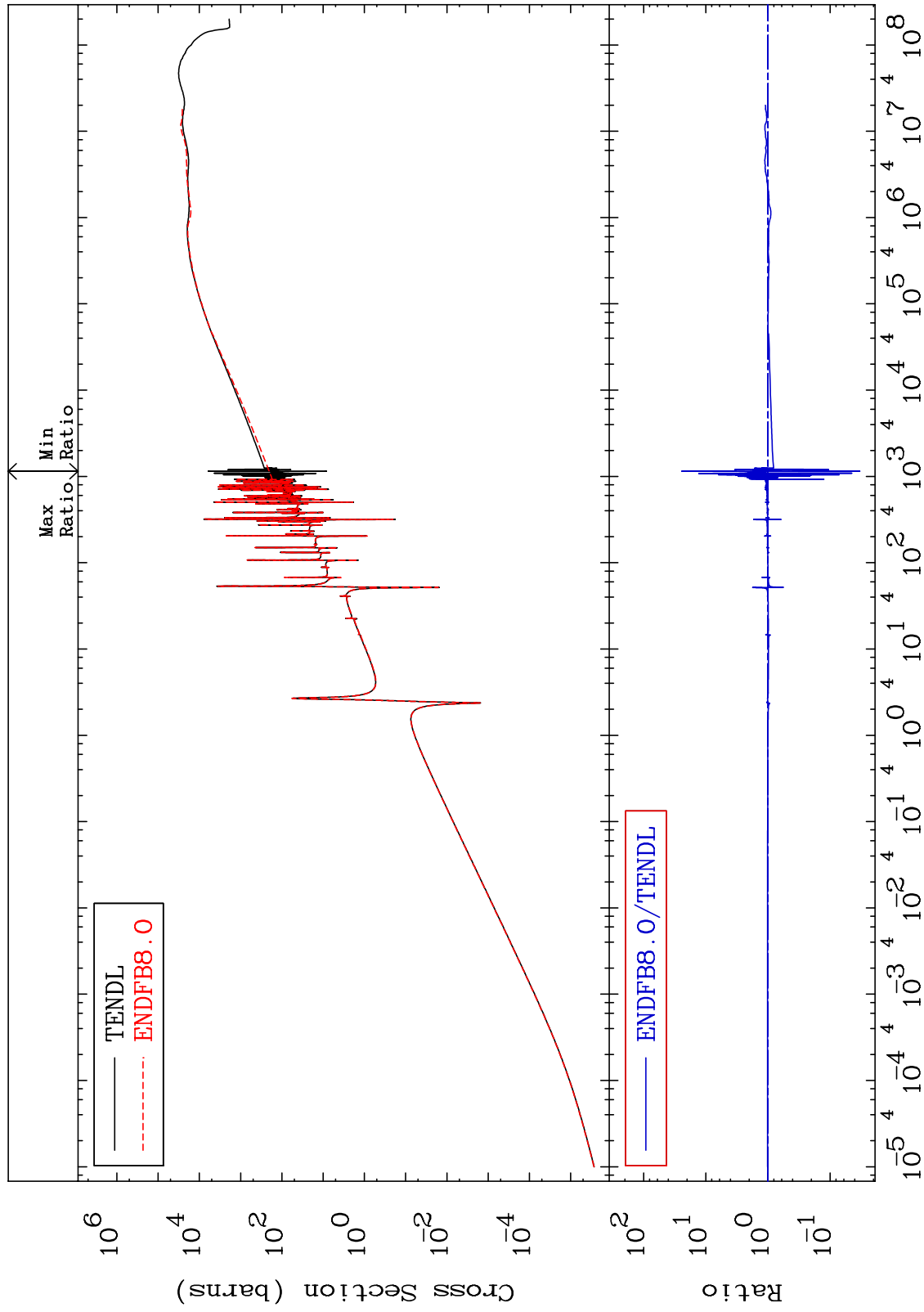
MAT 9446 Kerma total (eV-barns) 94-Pu-242
 Cross Section -92.79 To 9999. %



MAT 9446

Kerma elastic
Cross Section

94-Pu-242
-96.68 To 2357. %



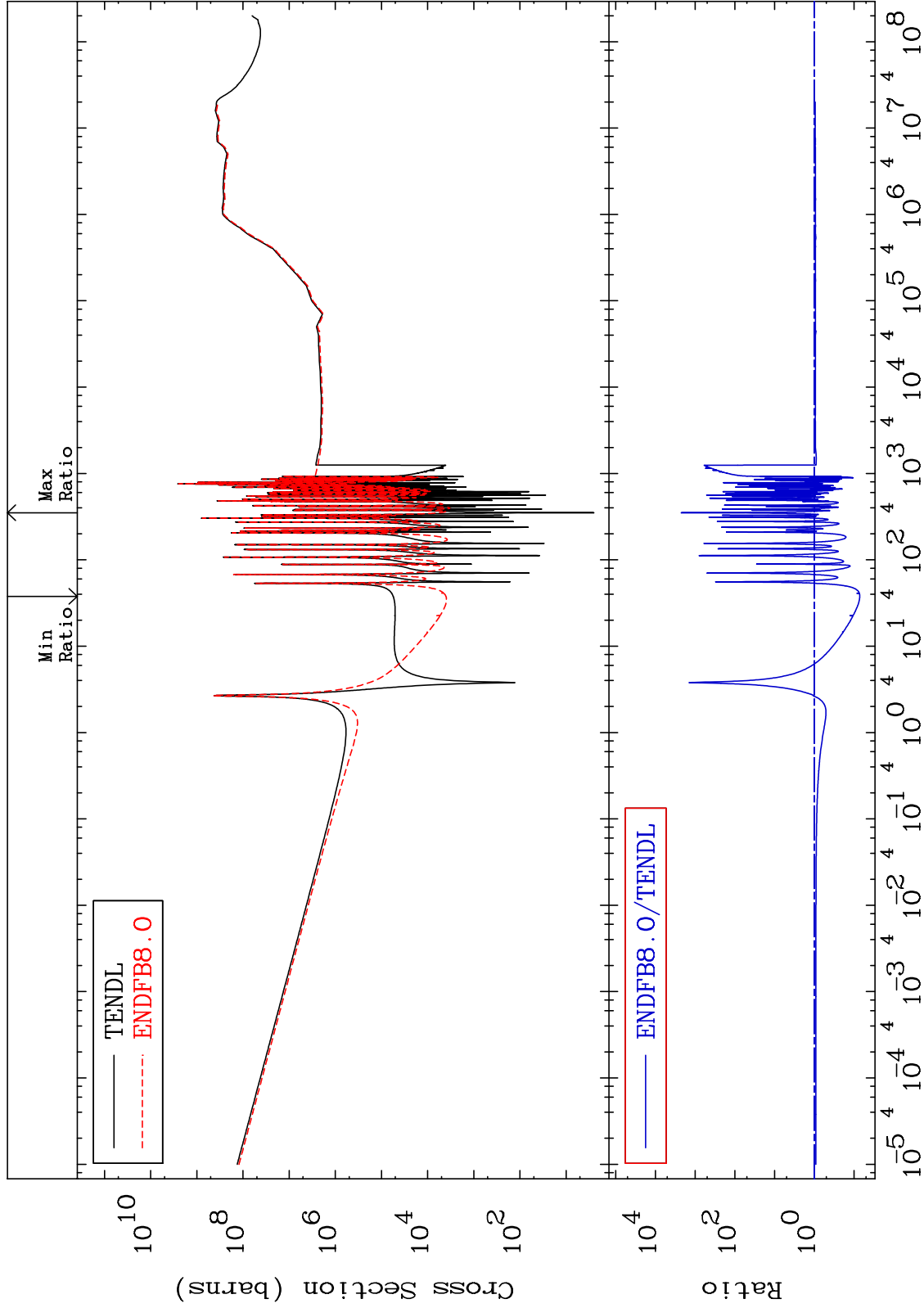
MAT 9446

Kerma non-elastic (all but mt2)

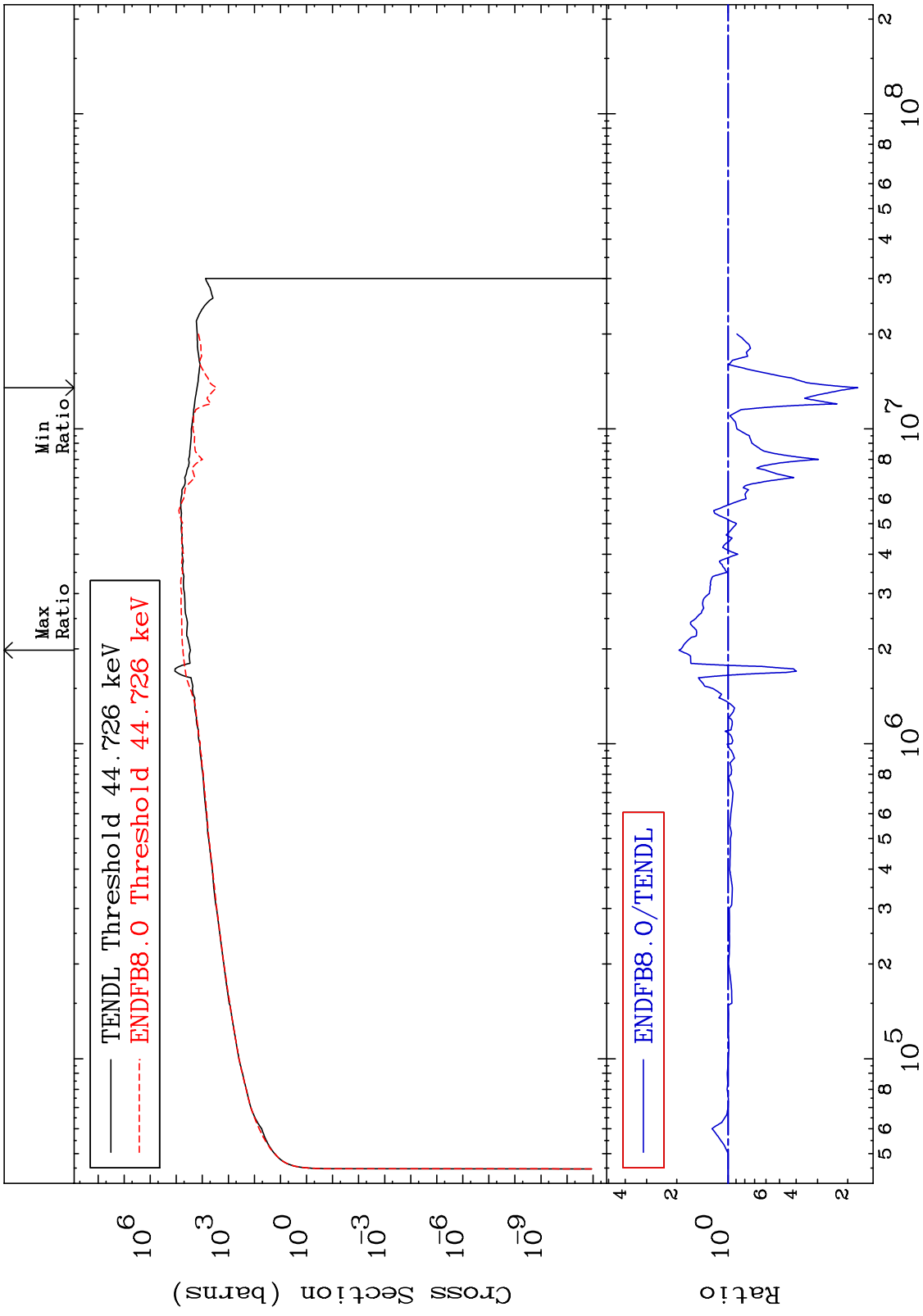
94-Pu-242

-92.79 To 9999. %

Cross Section



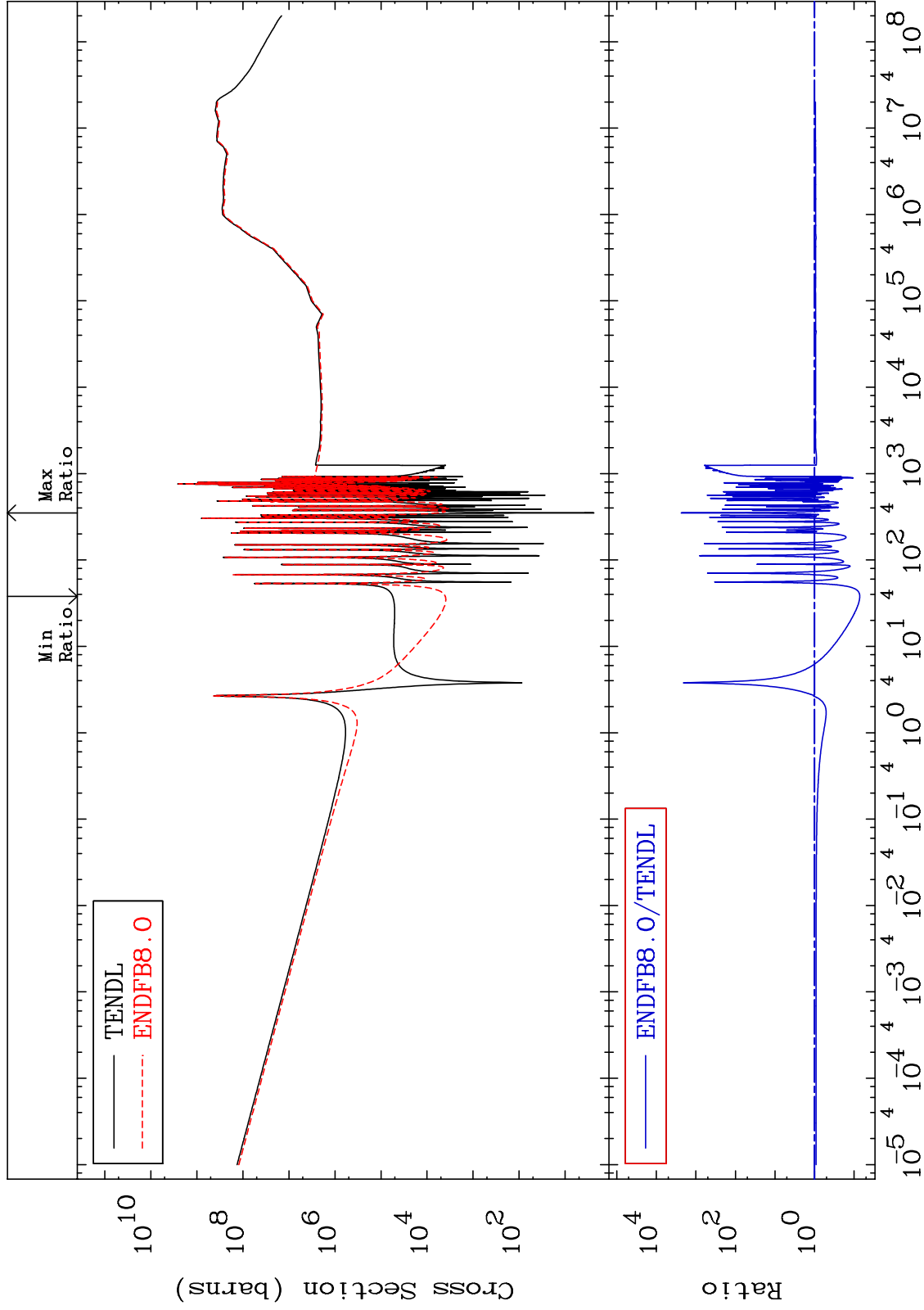
MAT 9446 Kerma inelastic (mt51-91) 94-Pu-242
 -82.56 To 93.76 %



MAT 9446

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

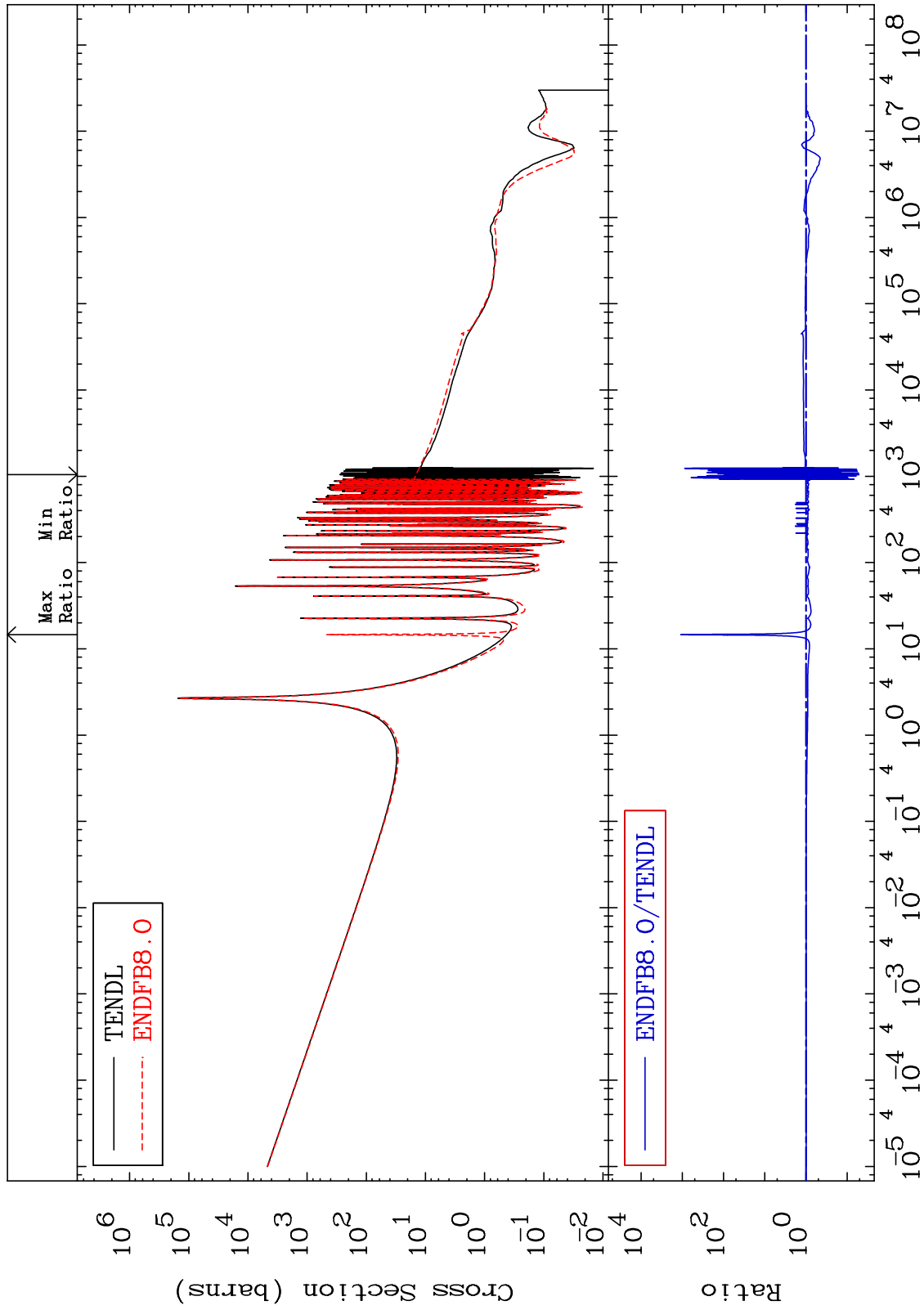
94-Pu-242
-92.80 To 9999. %



MAT 9446

Kerma capture (mt102)
Cross Section

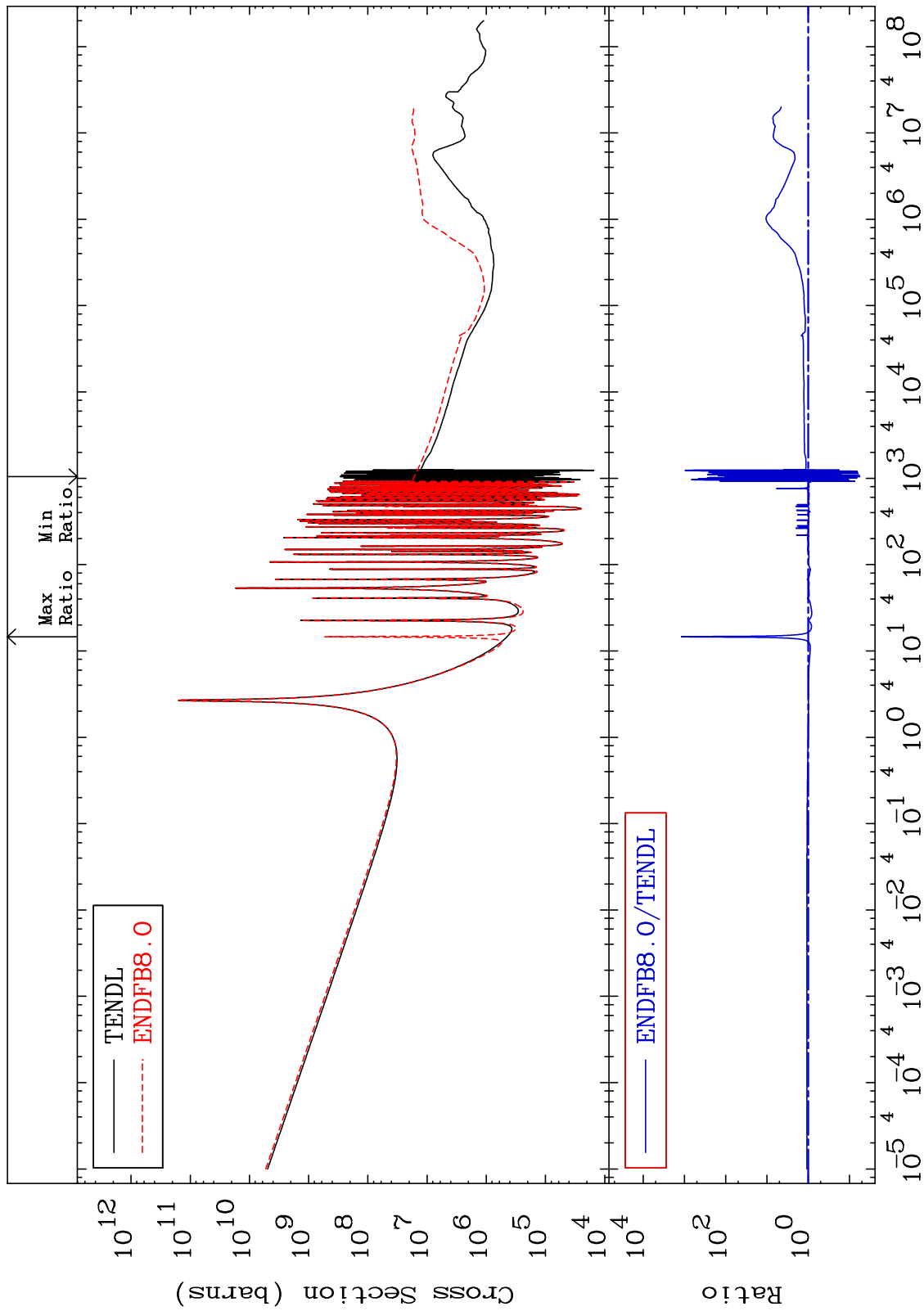
94-Pu-242
-94.84 To 9999. %



MAT 9446

Total photon (eV-barns)
Cross Section

94-Pu-242
-94.36 To 9999. %

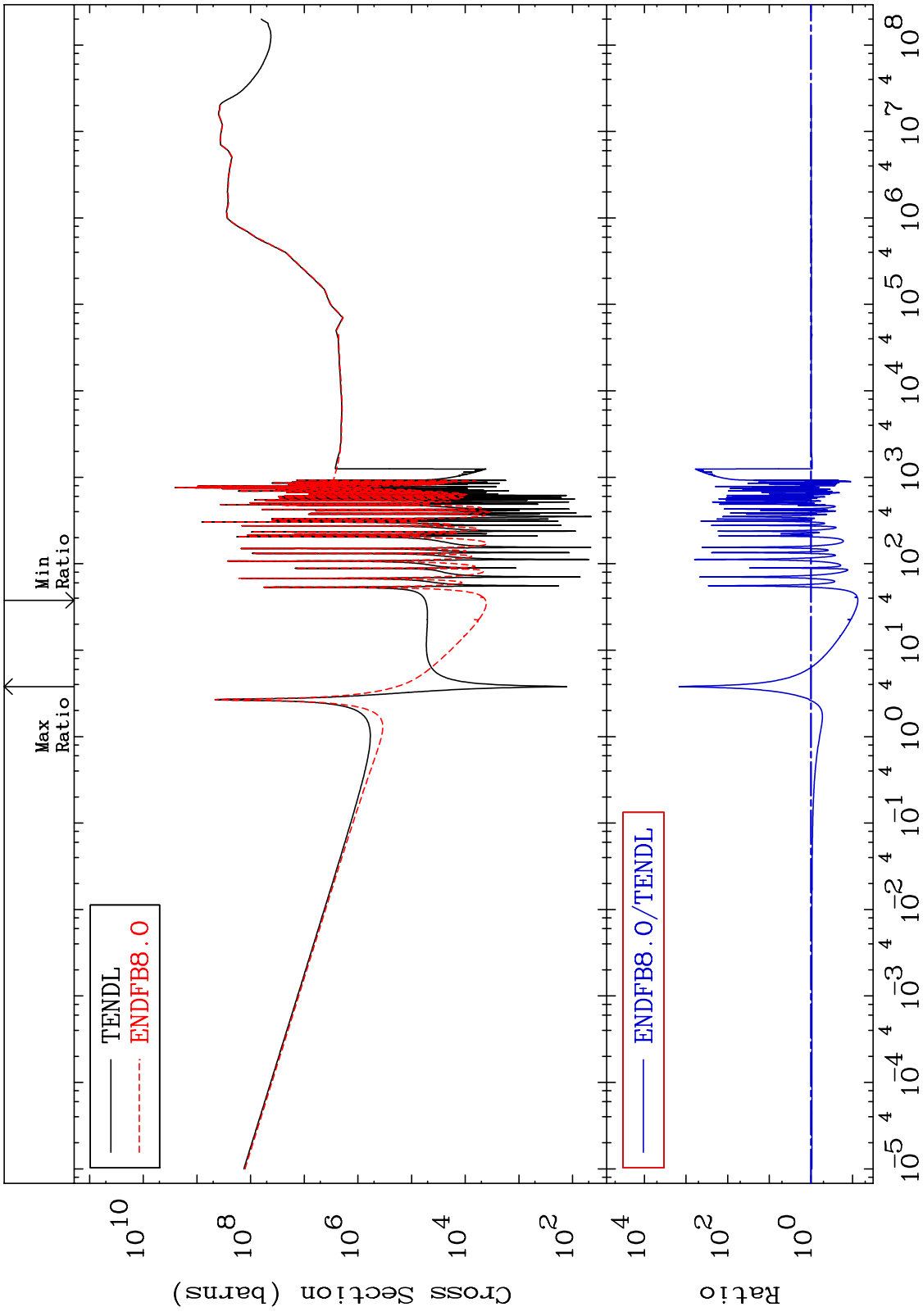


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Incident Energy (eV)

94-Pu-242

MAT 9446 Total kinematic kerma (high limit) 94-Pu-242
 Cross Section -92.50 To 9999. %



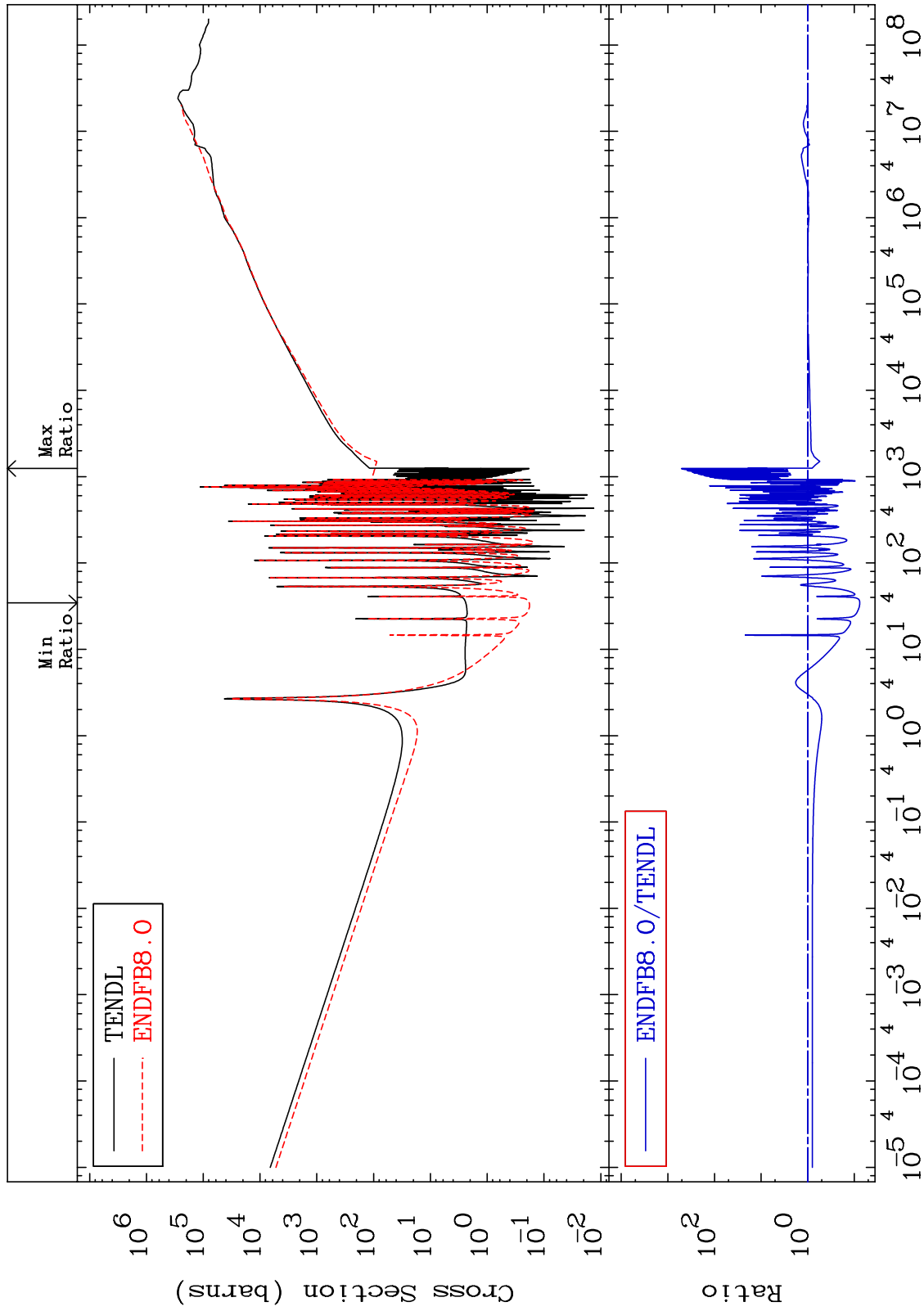
MAT 9446

Dpa total (eV-barns)

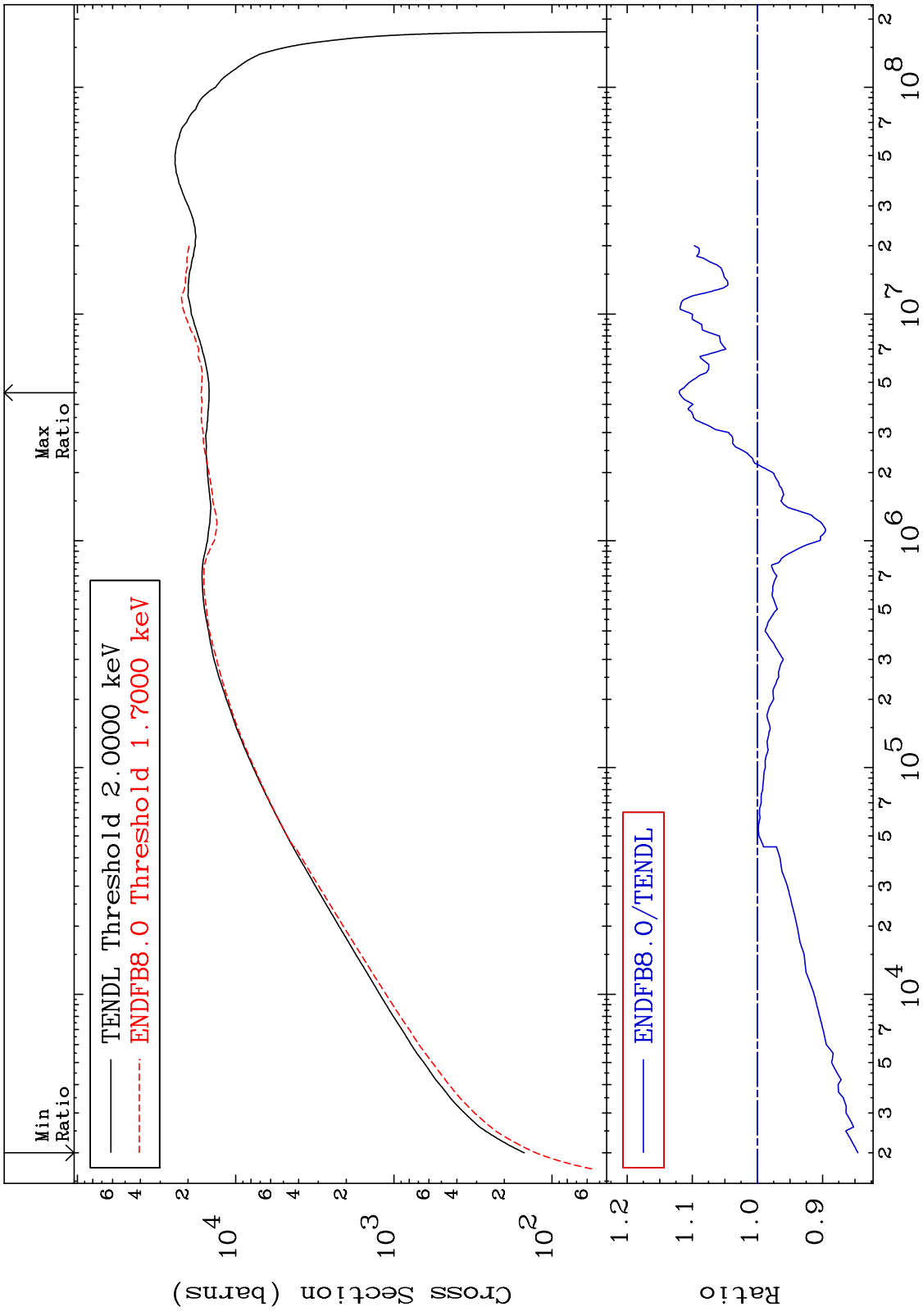
94-Pu-242

-92.37 To 9999. %

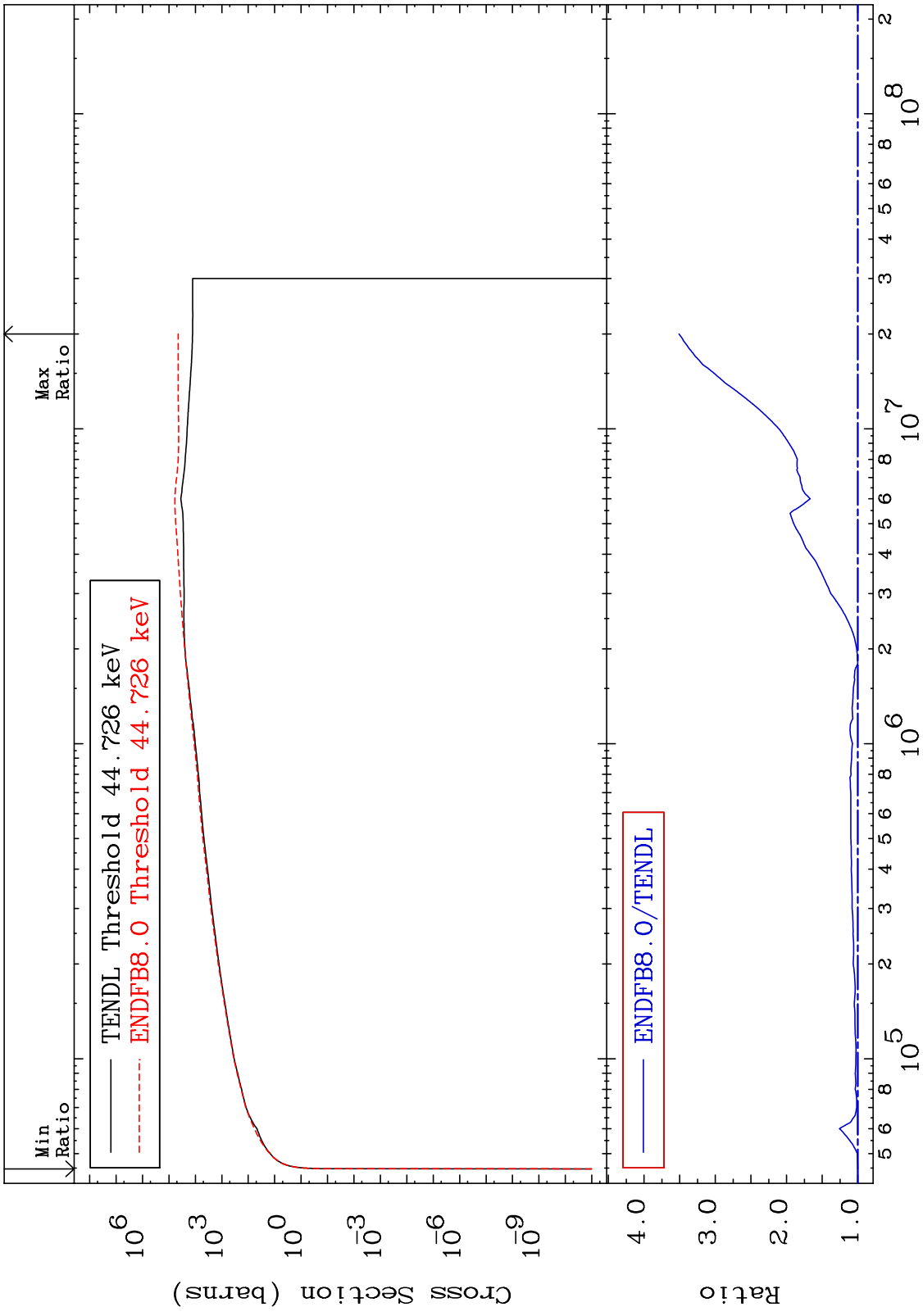
Cross Section



MAT 9446 94-Pu-242
 Dpa elastic (mt2) -15.43 To 12.03 %
 Cross Section



MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242
 Cross Section 0.000 To 250.9 %



MAT 9446

Dpa disappearance (mt102 -120)
Cross Section

94-Pu-242
-99.99 To 9999. %

