

Program Complot
(Version 2015-2)

by

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(Present Contact Information)

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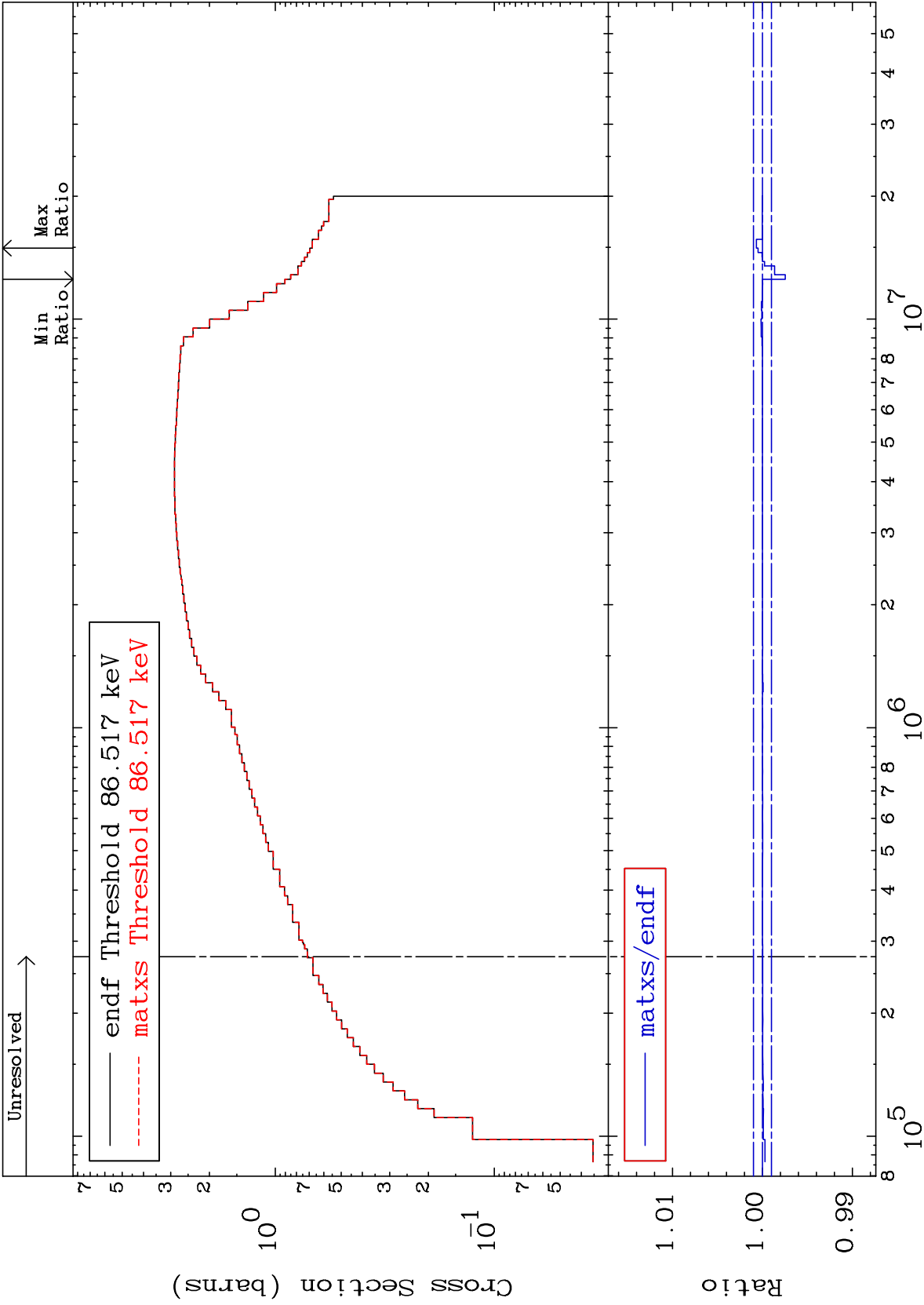
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6437

Inelastic
Cross Section

64-Gd-156
-0.253 To 0.069 %

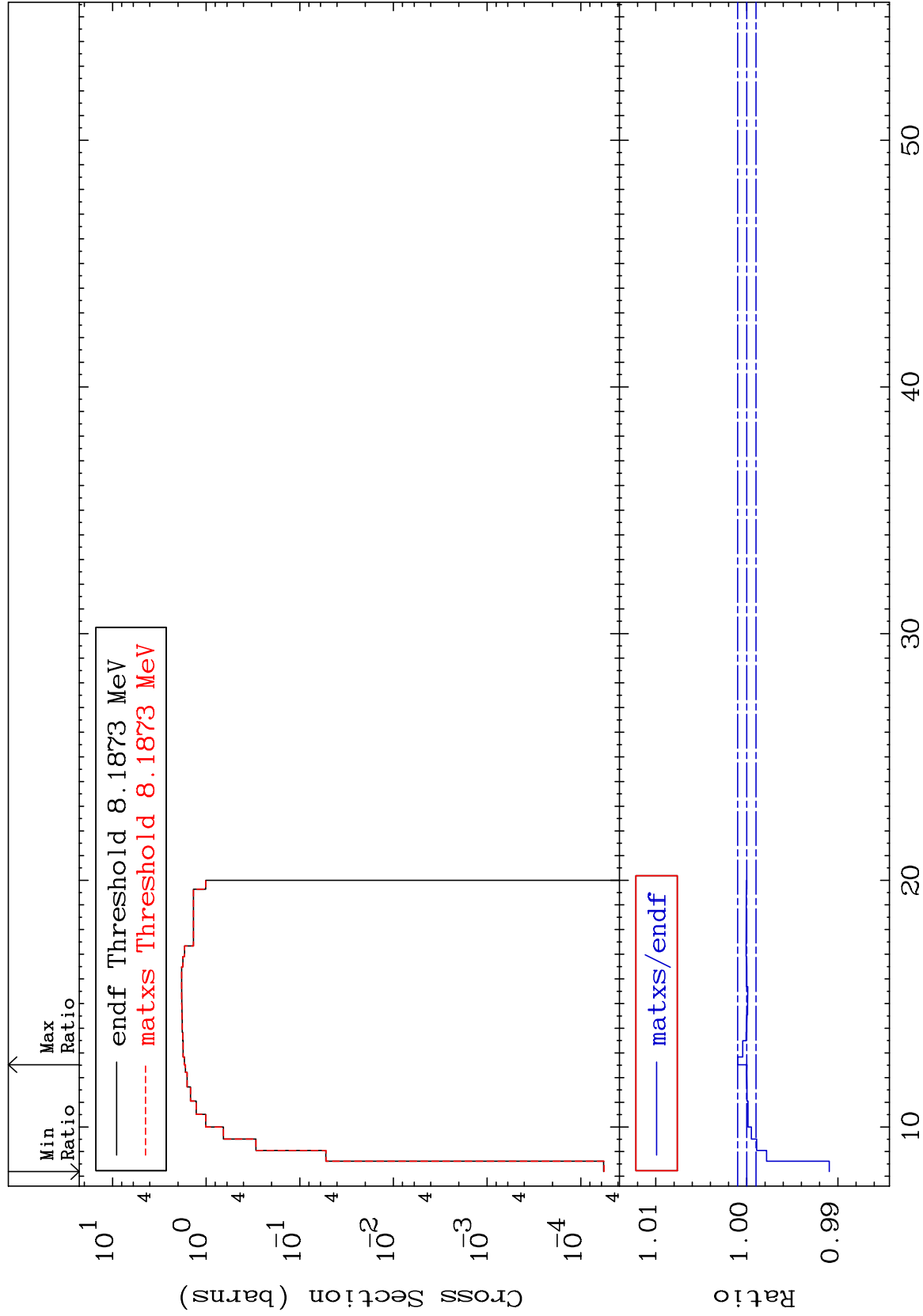


64-Gd-156

MAT 6437

(n,2n)
Cross Section

64-Gd-156
-0.905 To 0.102 %



2

Incident Energy (MeV)

64-Gd-156

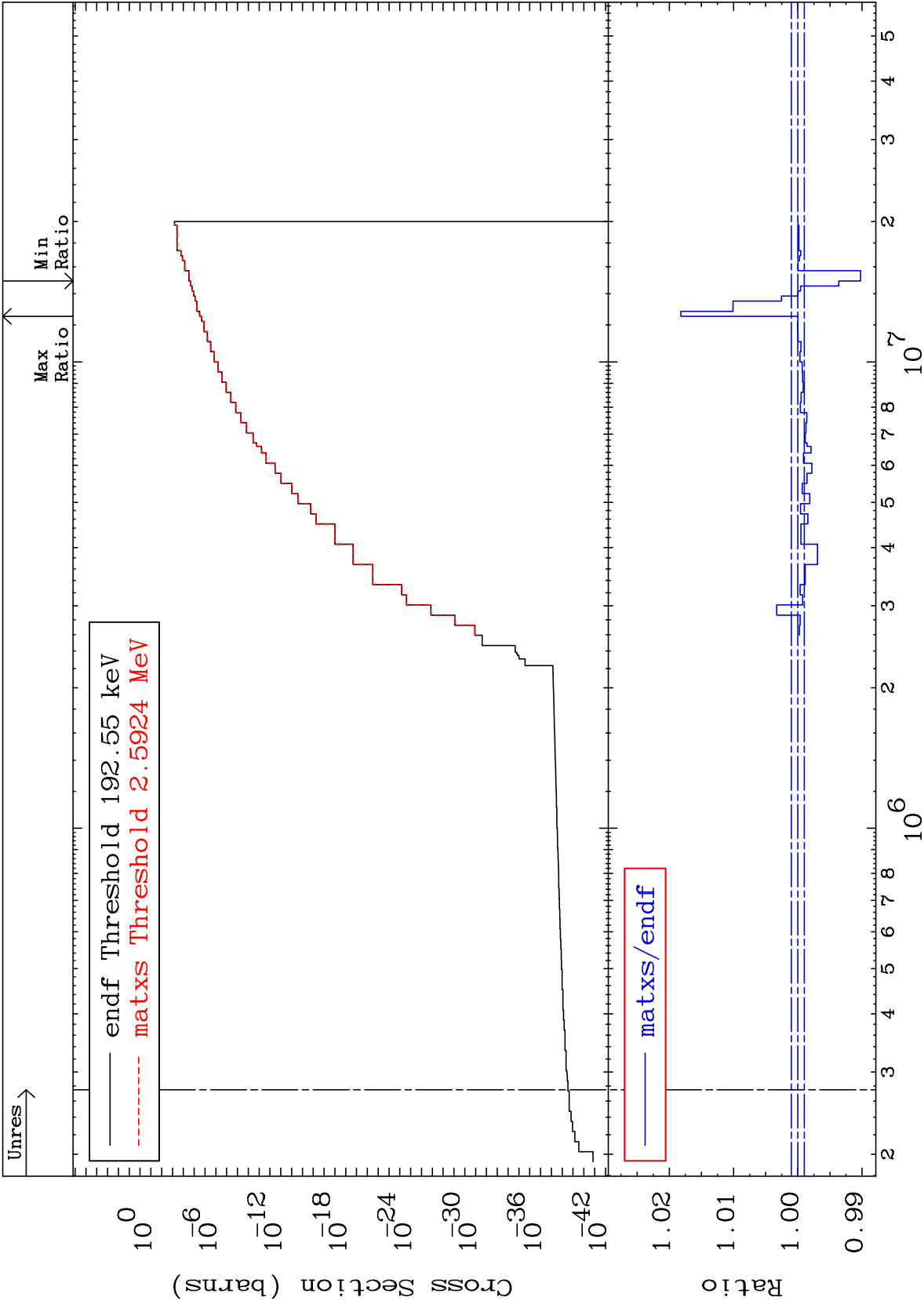
MAT 6437

(n, n') α

64-Gd-156

Cross Section

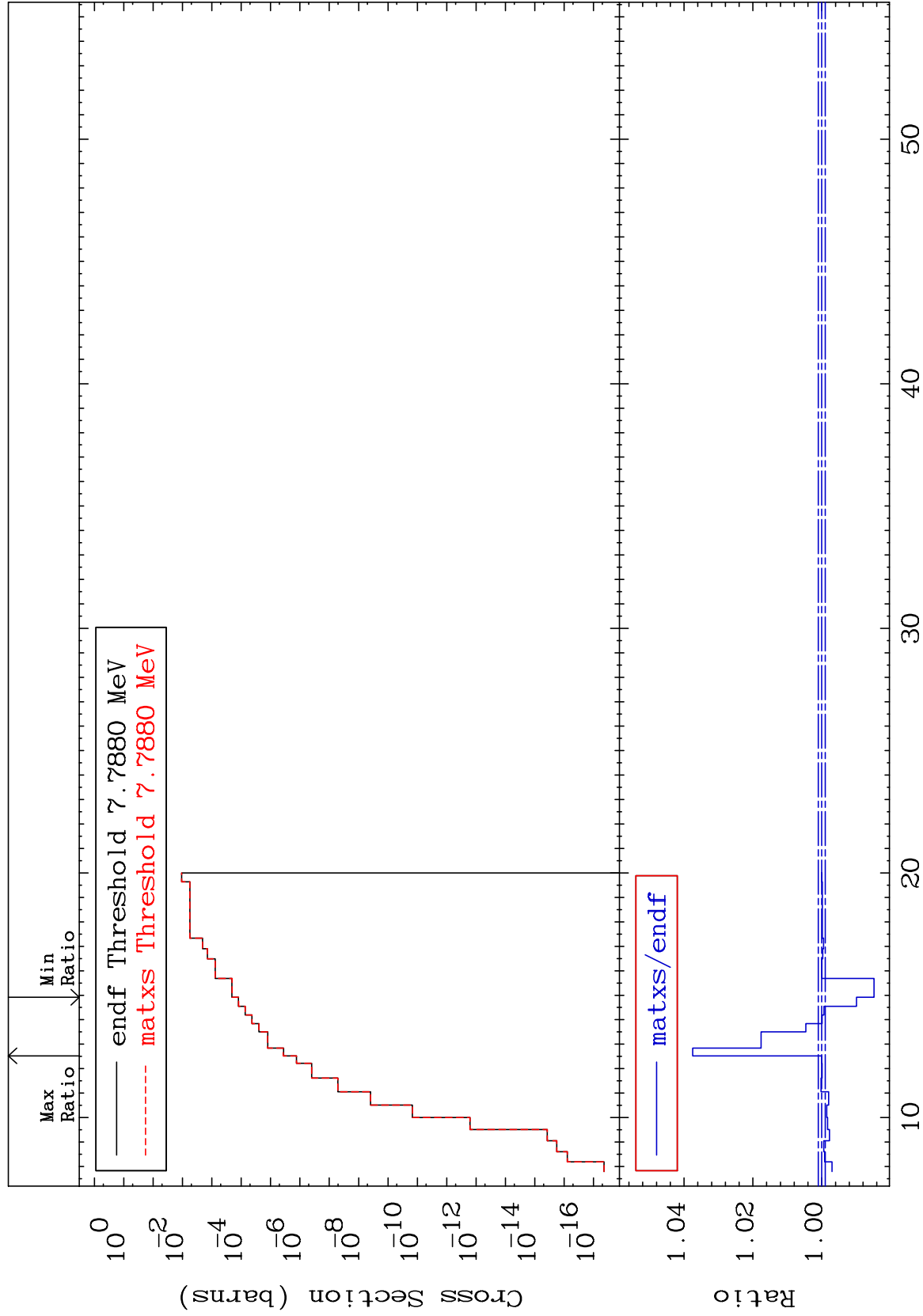
-0.977 To 1.819 %



MAT 6437

(n, n') p
Cross Section

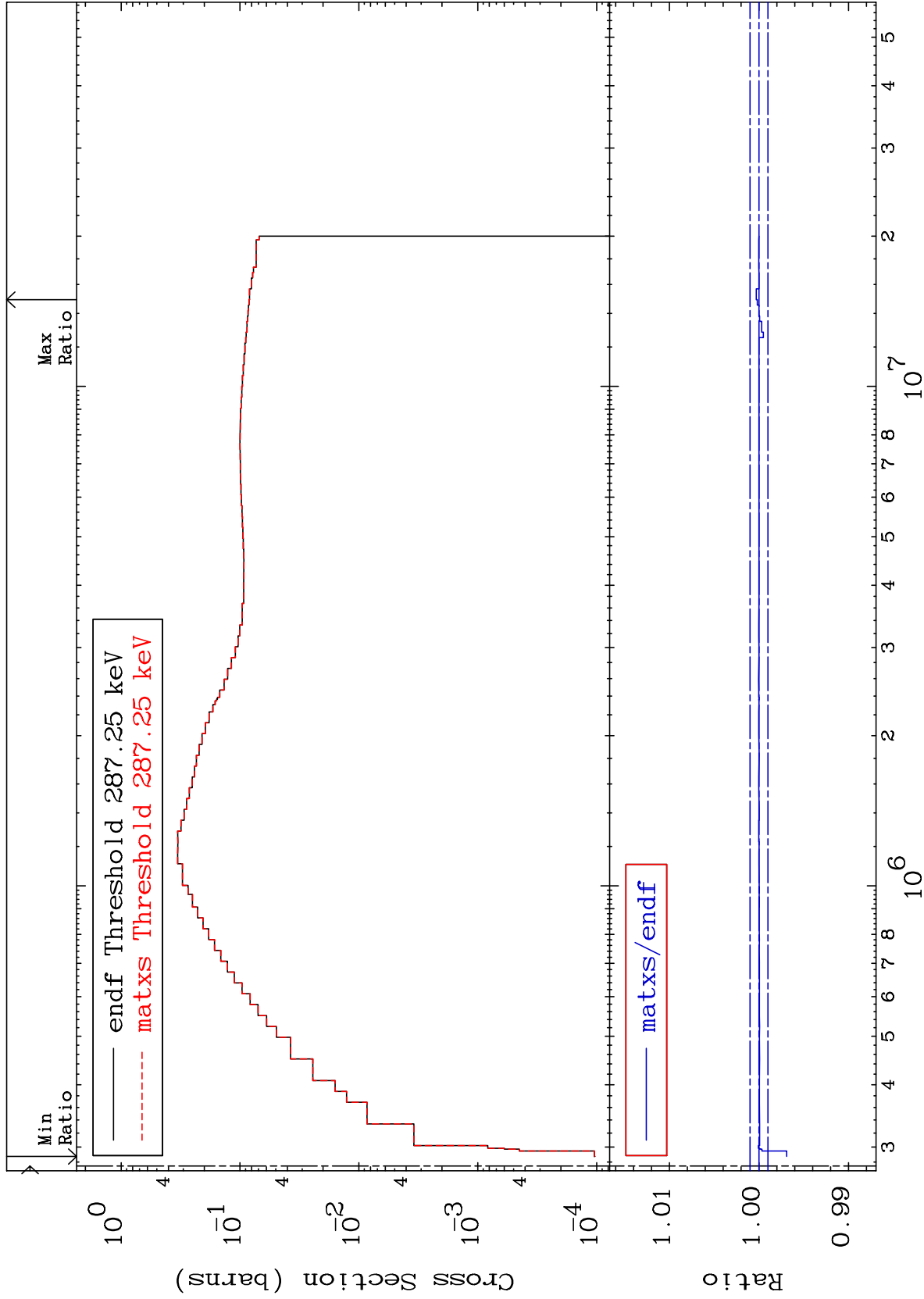
64-Gd-156
-1.519 To 3.748 %



MAT 6437

288.2 keV (n,n') Level
Cross Section

64-Gd-156
-0.308 To 0.032 %



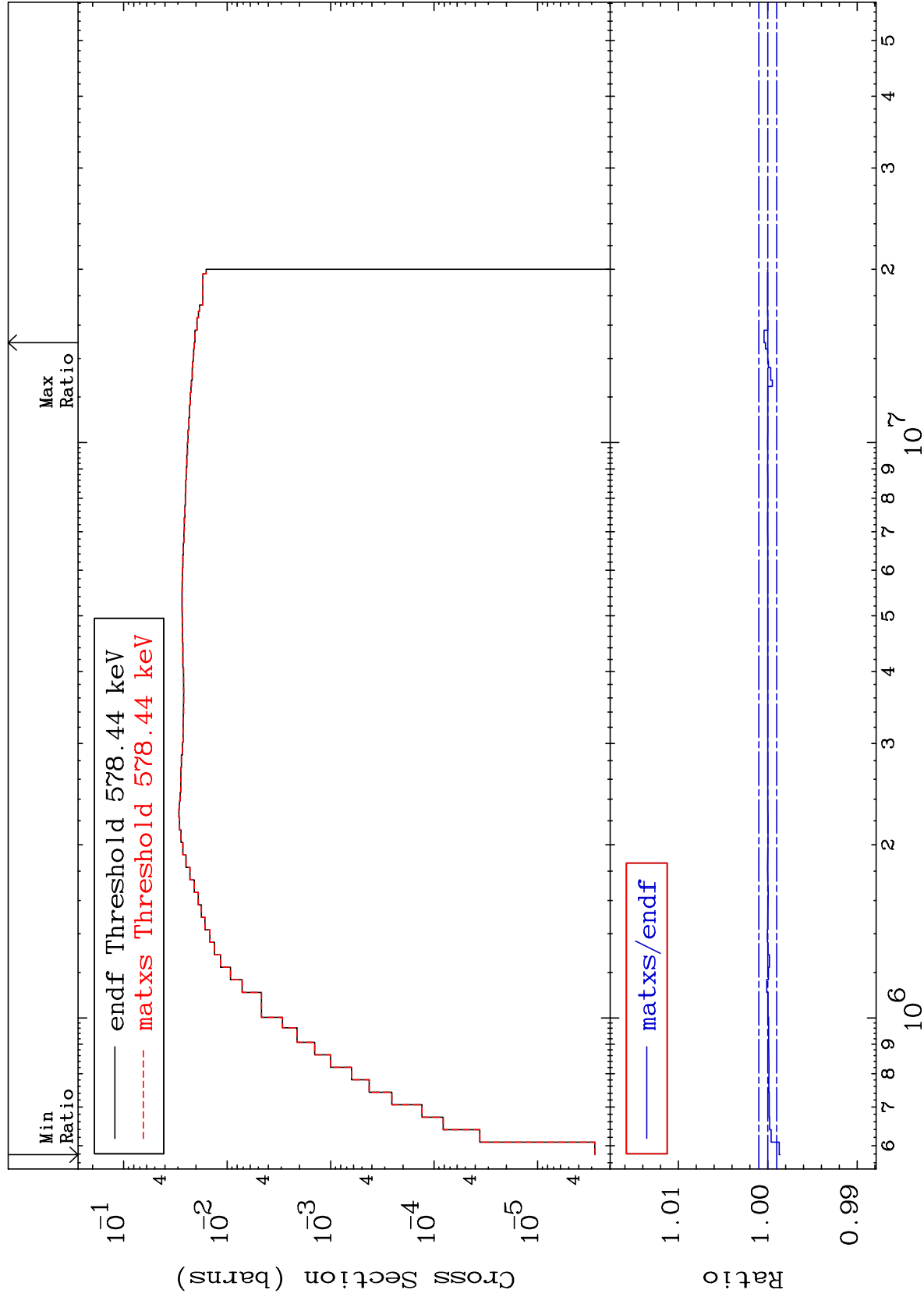
5

64-Gd-156

MAT 6437

584.7 keV (n,n') Level
Cross Section

64-Gd-156
-0.128 To 0.041 %



6

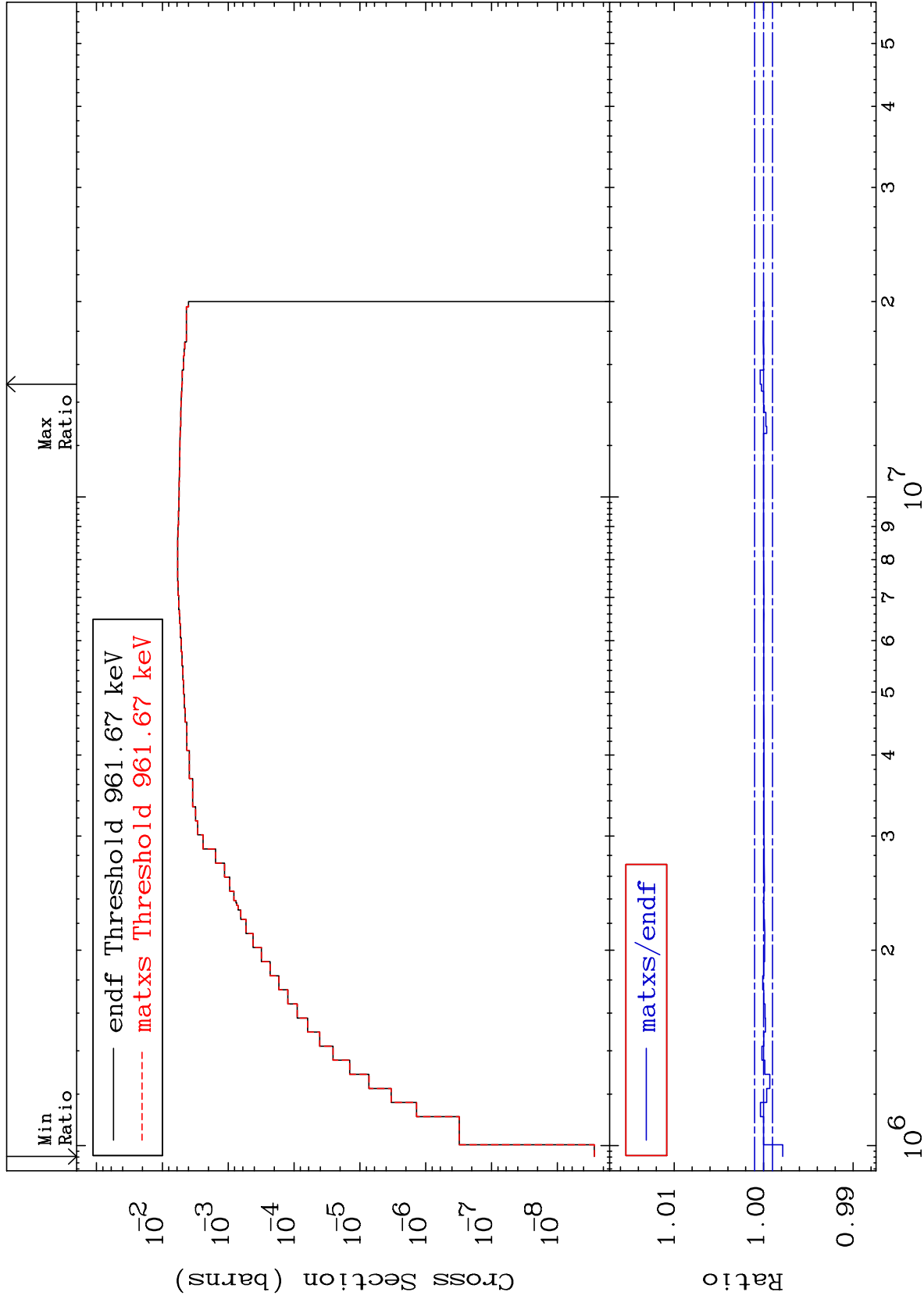
Incident Energy (eV)

64-Gd-156

MAT 6437

965.1 keV (n,n') Level
Cross Section

64-Gd-156
-0.212 To 0.039 %

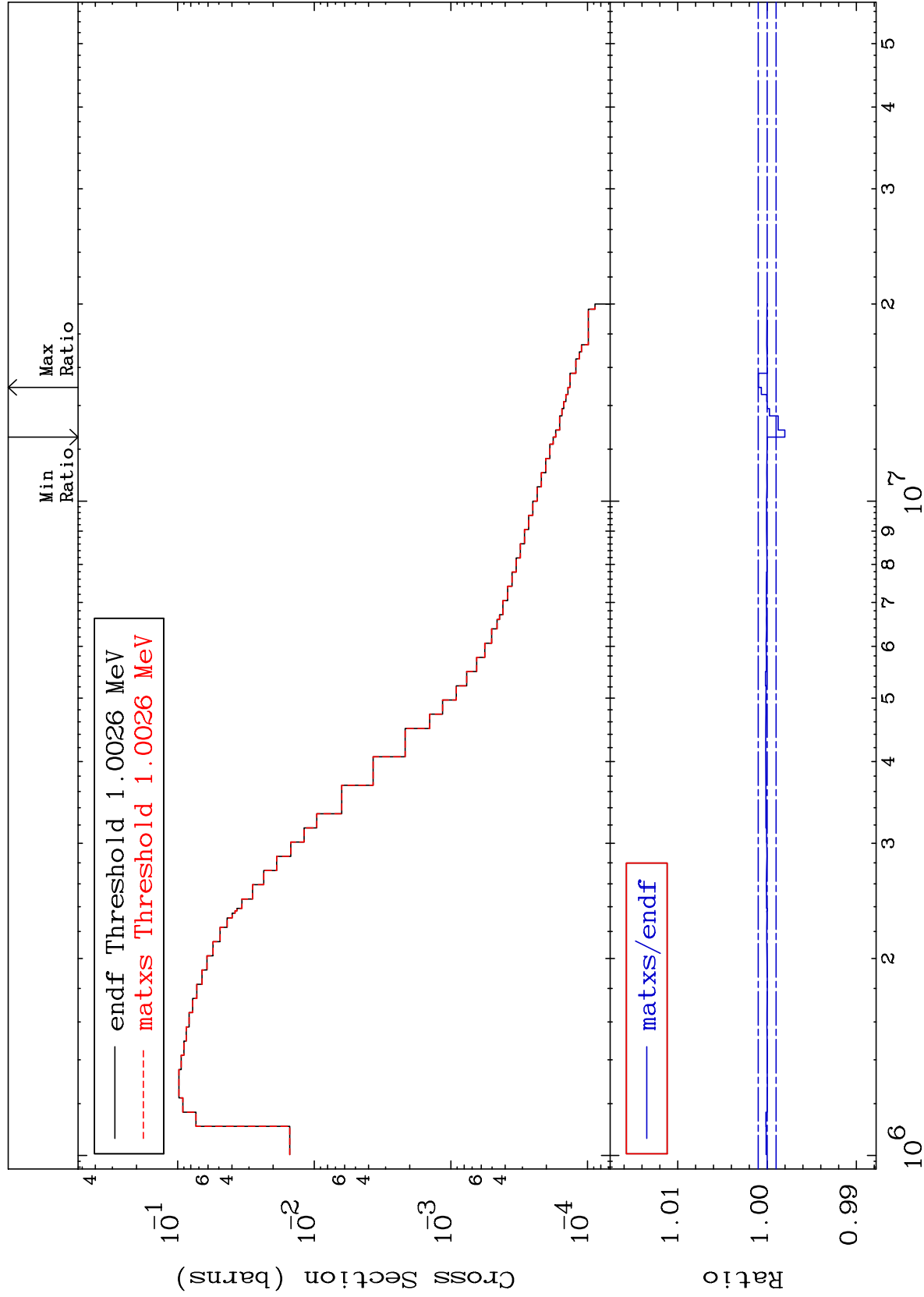


64-Gd-156

MAT 6437

1.049 MeV (n,n') Level
Cross Section

64-Gd-156
-0.198 To 0.096 %



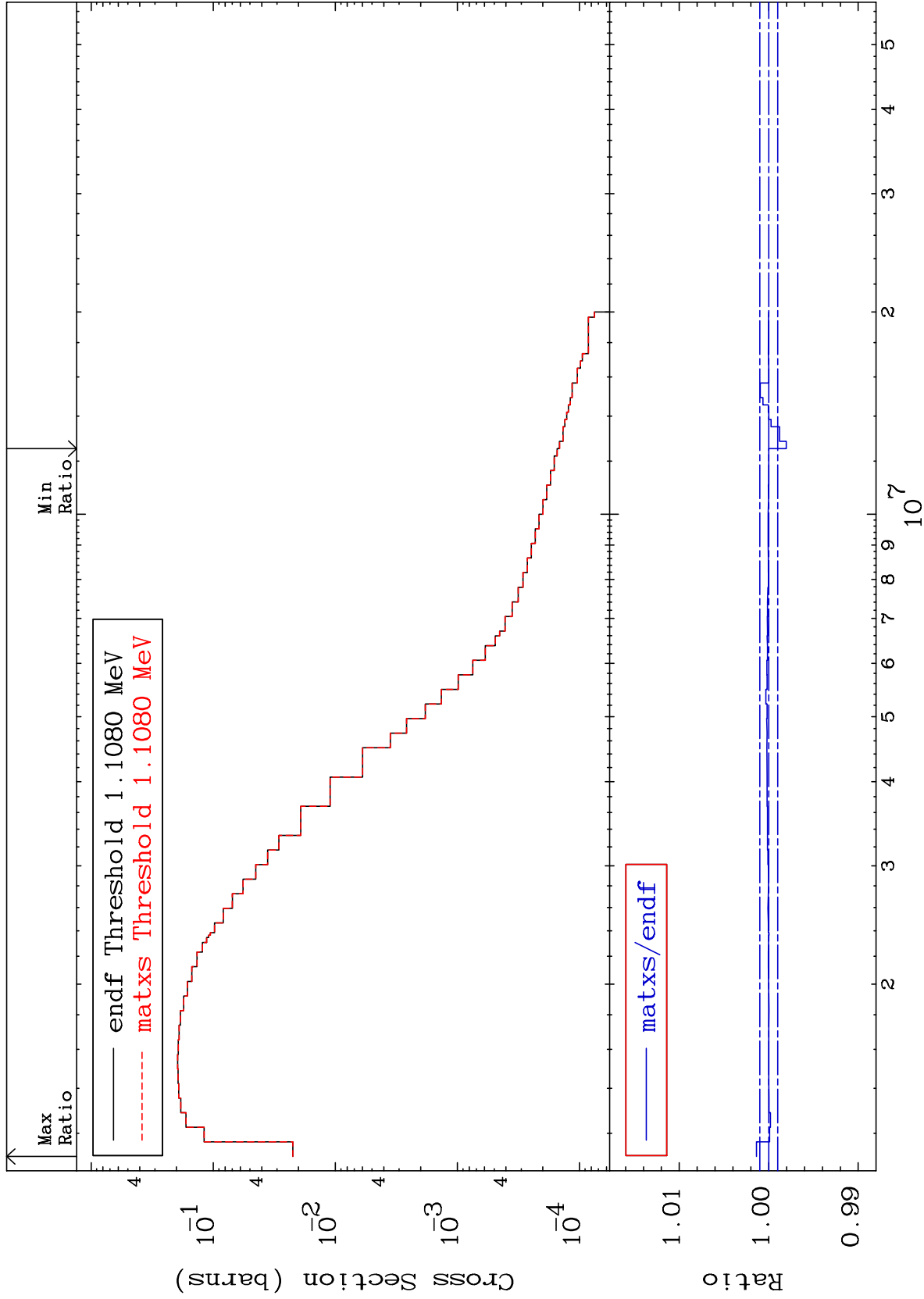
Incident Energy (eV)

64-Gd-156

MAT 6437

1.129 MeV (n,n') Level
Cross Section

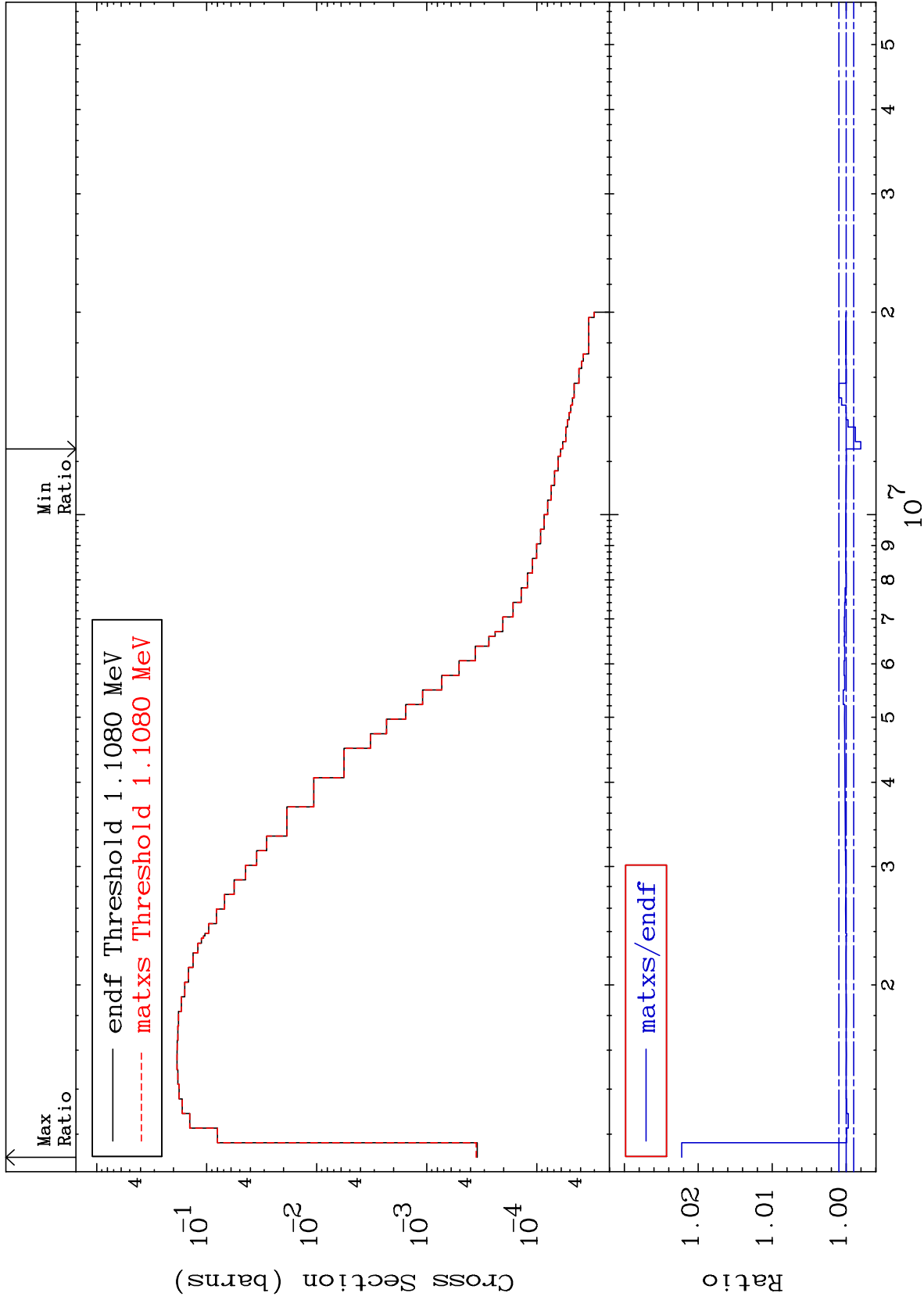
64-Gd-156
-0.197 To 0.137 %



MAT 6437

1.154 MeV (n,n') Level
Cross Section

64-Gd-156
-0.196 To 2.223 %



10

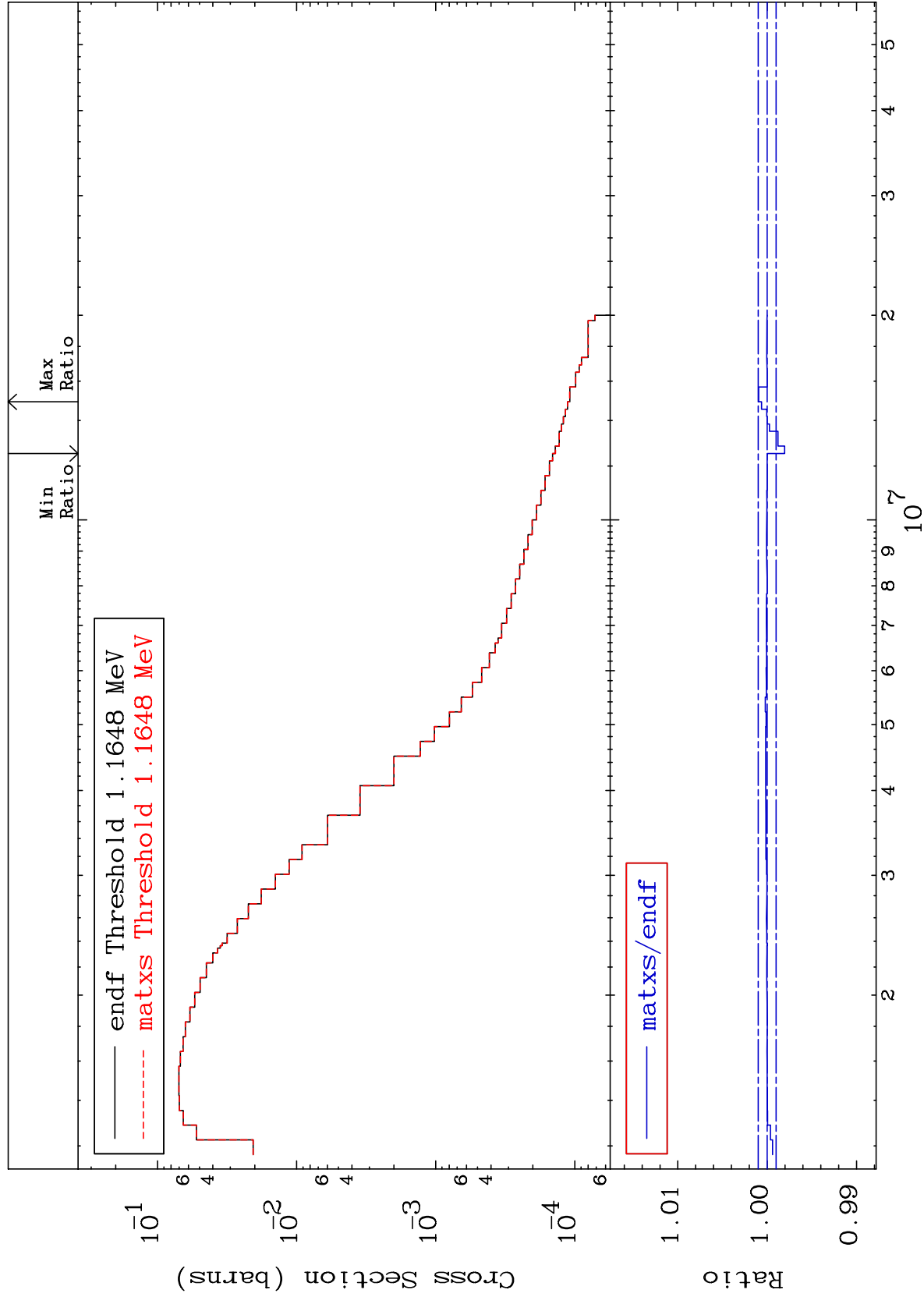
Incident Energy (eV)

64-Gd-156

MAT 6437

1.168 MeV (n,n') Level
Cross Section

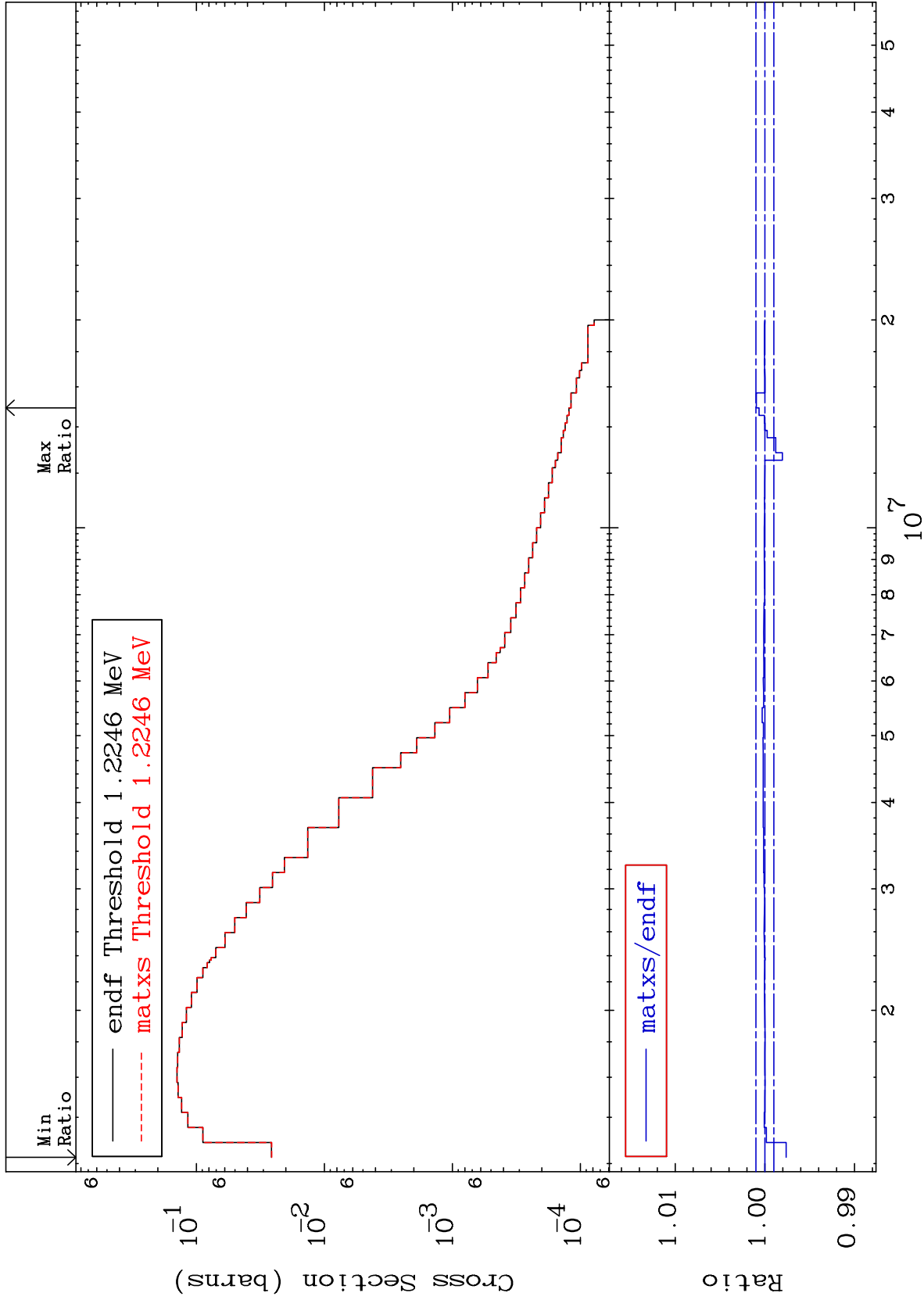
64-Gd-156
-0.196 To 0.096 %



MAT 6437

1.242 MeV (n,n') Level
Cross Section

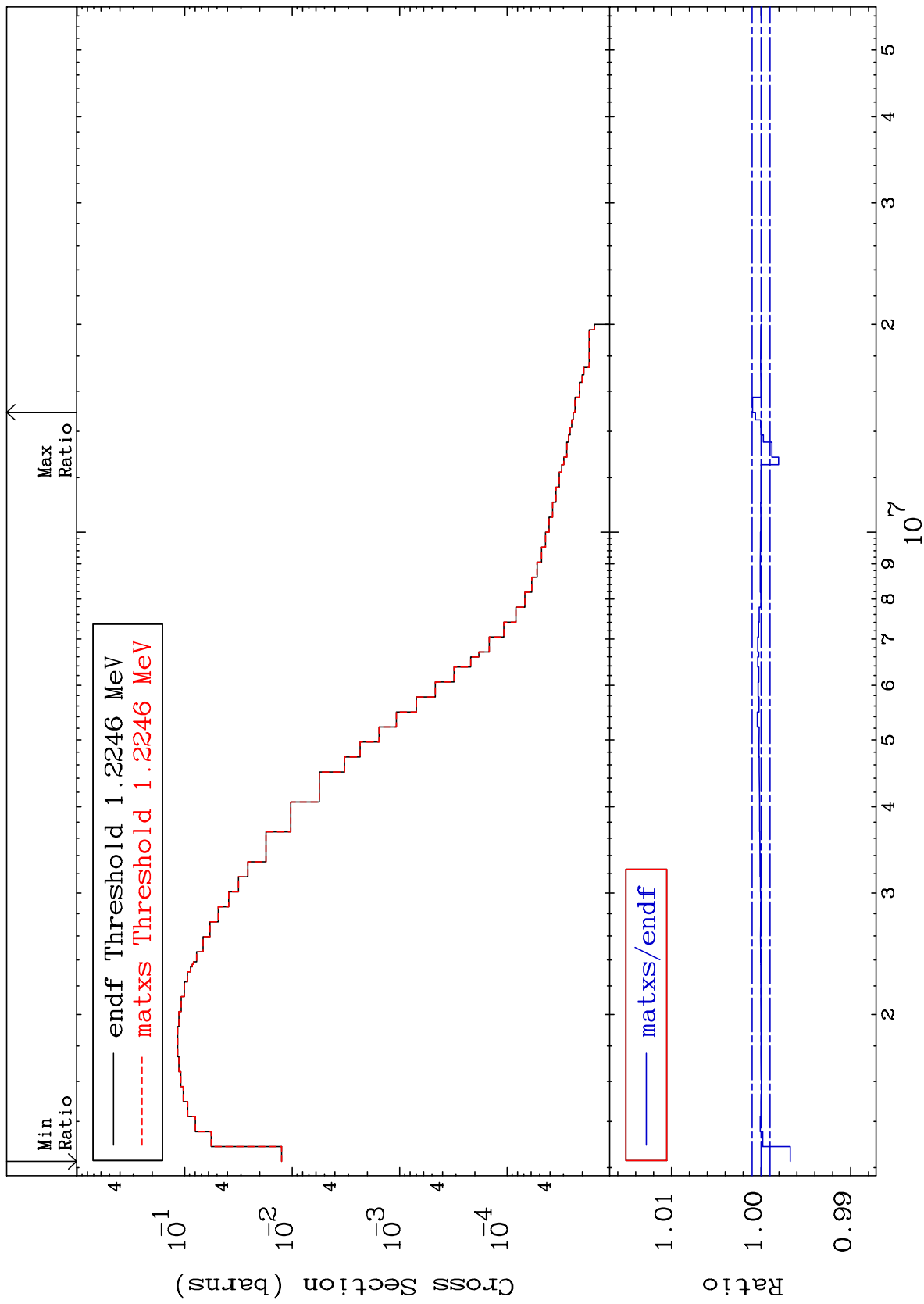
64-Gd-156
-0.238 To 0.095 %



MAT 6437

1.248 MeV (n,n') Level
Cross Section

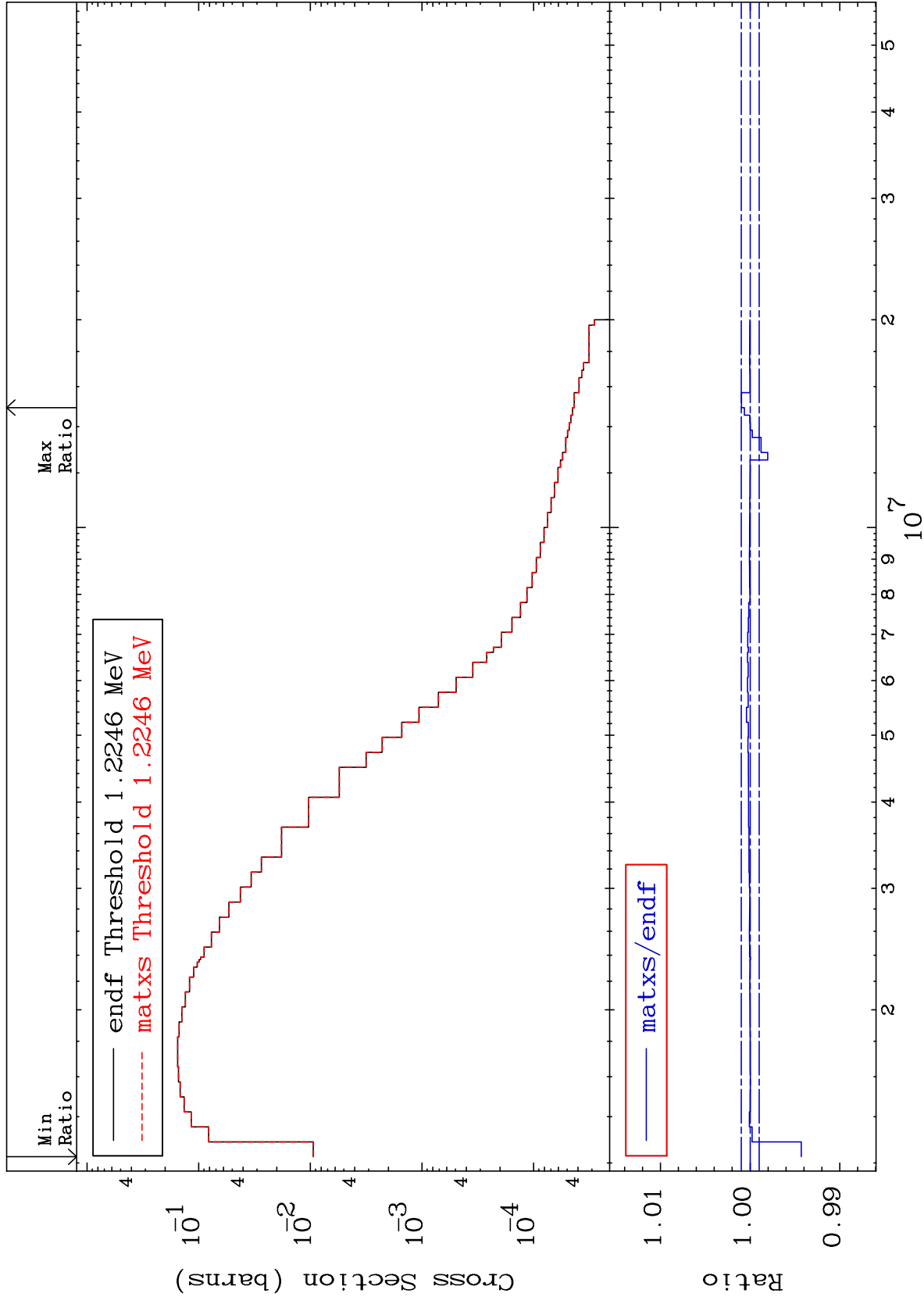
64-Gd-156
-0.326 To 0.095 %



MAT 6437

1.258 MeV (n,n') Level
Cross Section

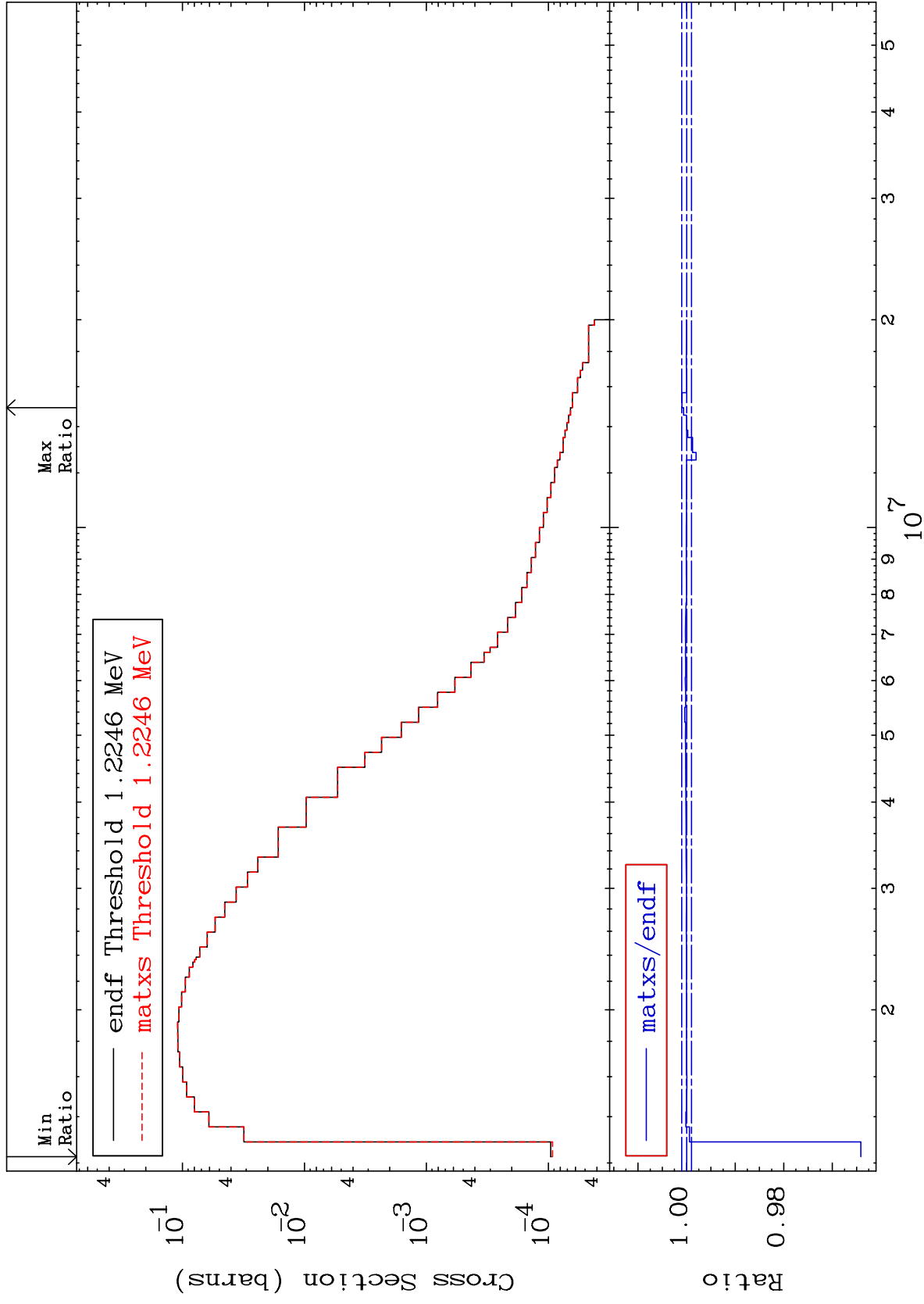
64-Gd-156
-0.570 To 0.096 %



MAT 6437

1.276 MeV (n,n') Level
Cross Section

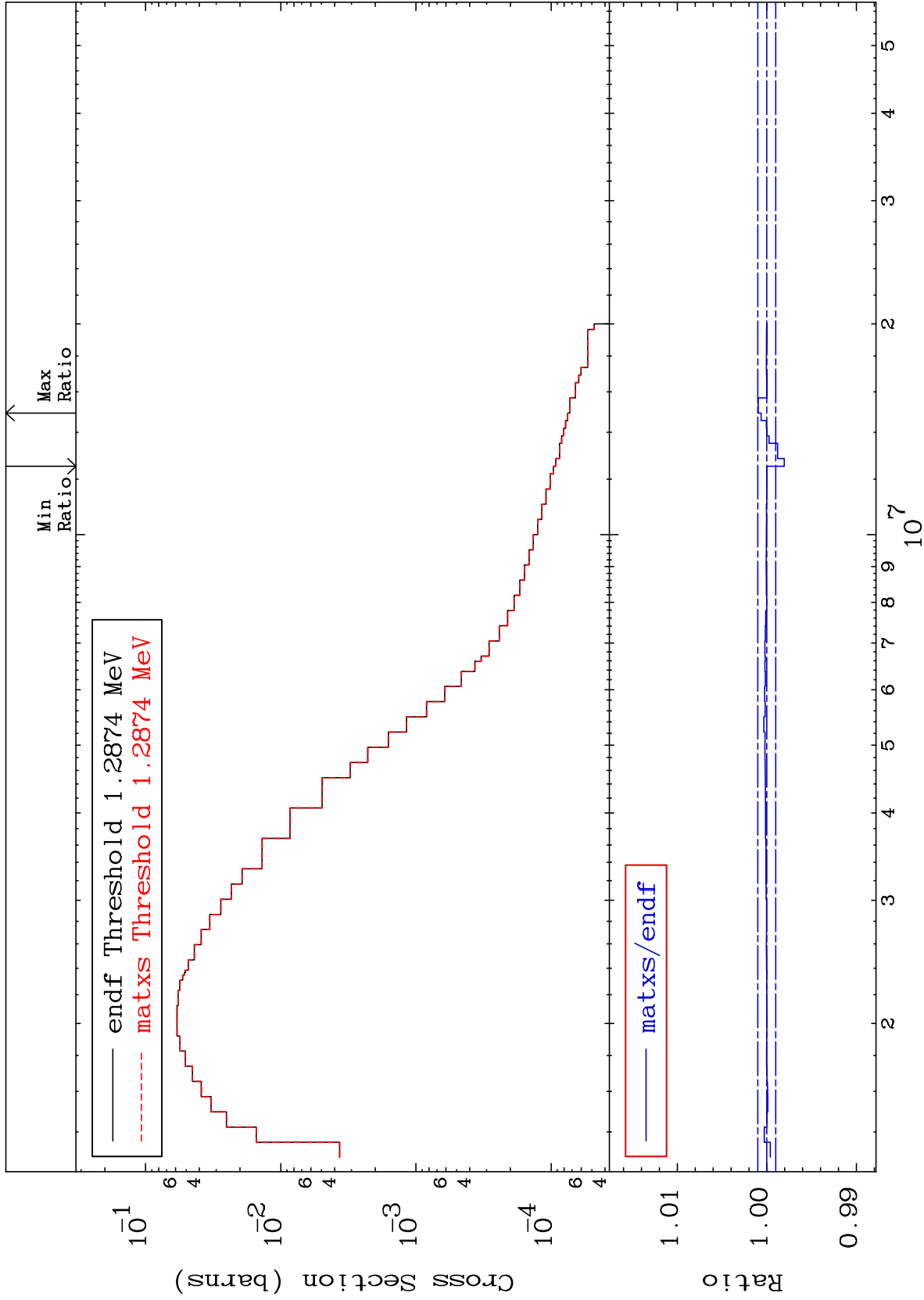
64-Gd-156
-3.586 To 0.096 %



MAT 6437

1.298 MeV (n,n') Level
Cross Section

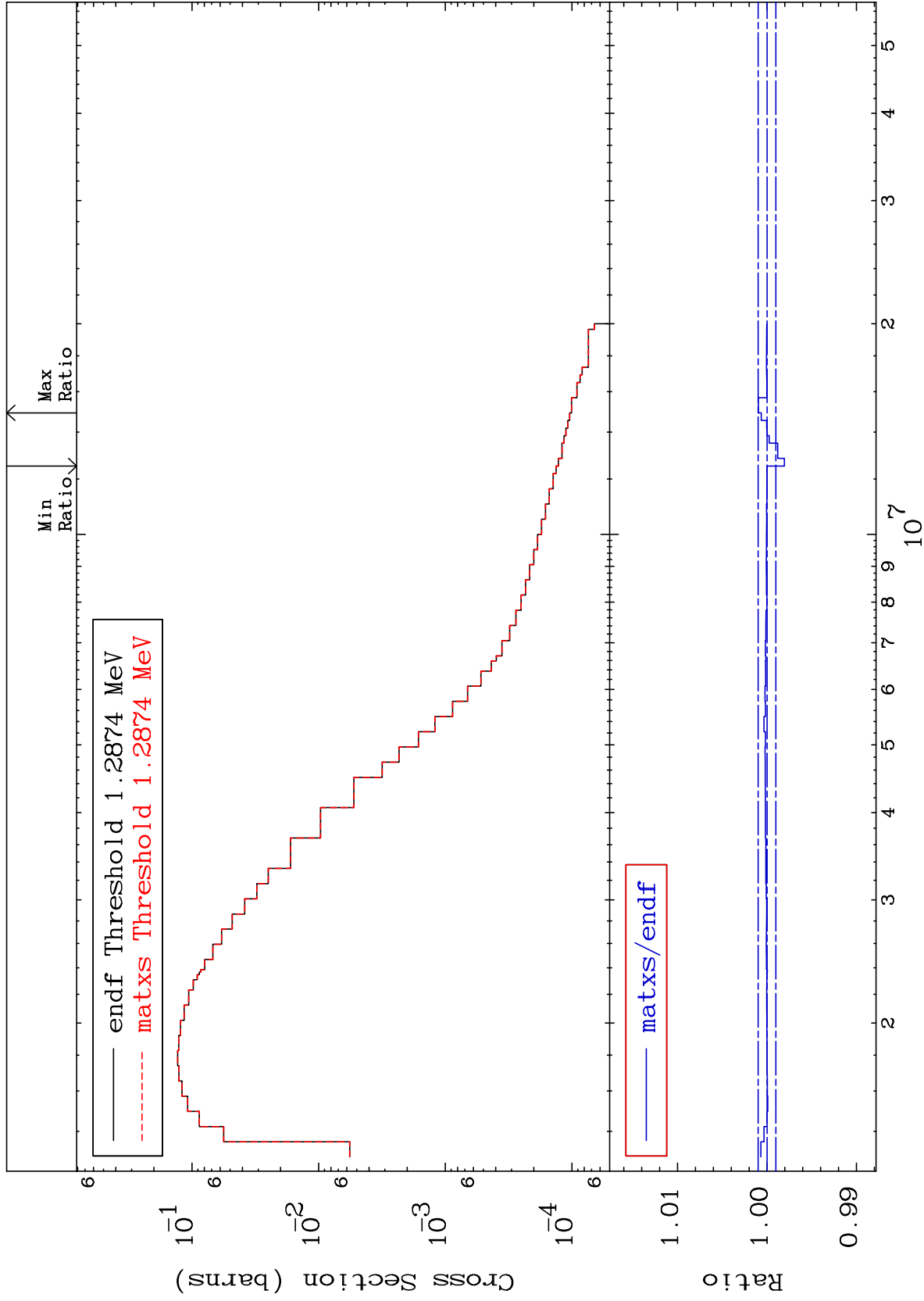
64-Gd-156
-0.195 To 0.096 %



MAT 6437

1.320 MeV (n,n') Level
Cross Section

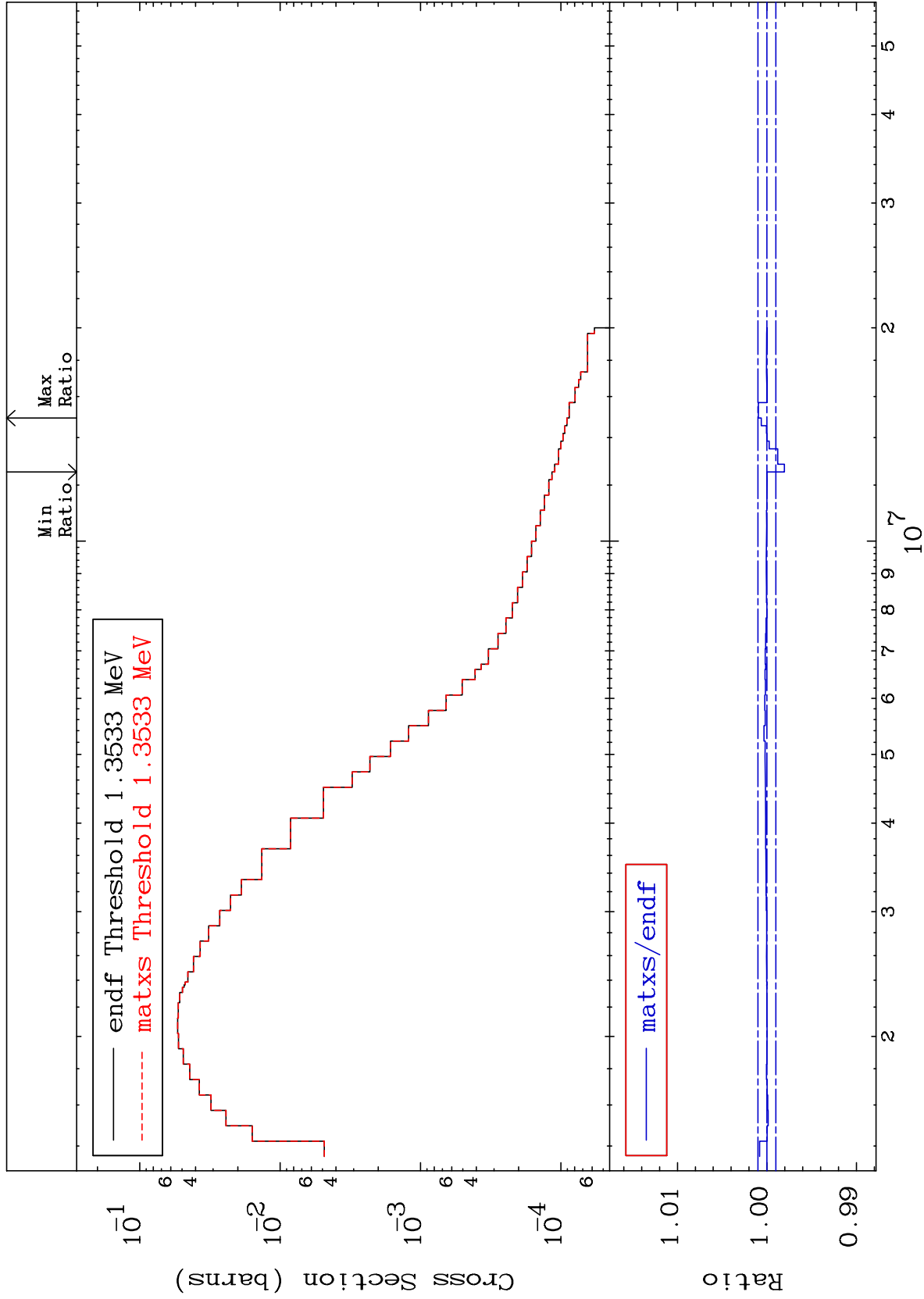
64-Gd-156
-0.194 To 0.096 %



MAT 6437

1.355 MeV (n,n') Level
Cross Section

64-Gd-156
-0.195 To 0.095 %



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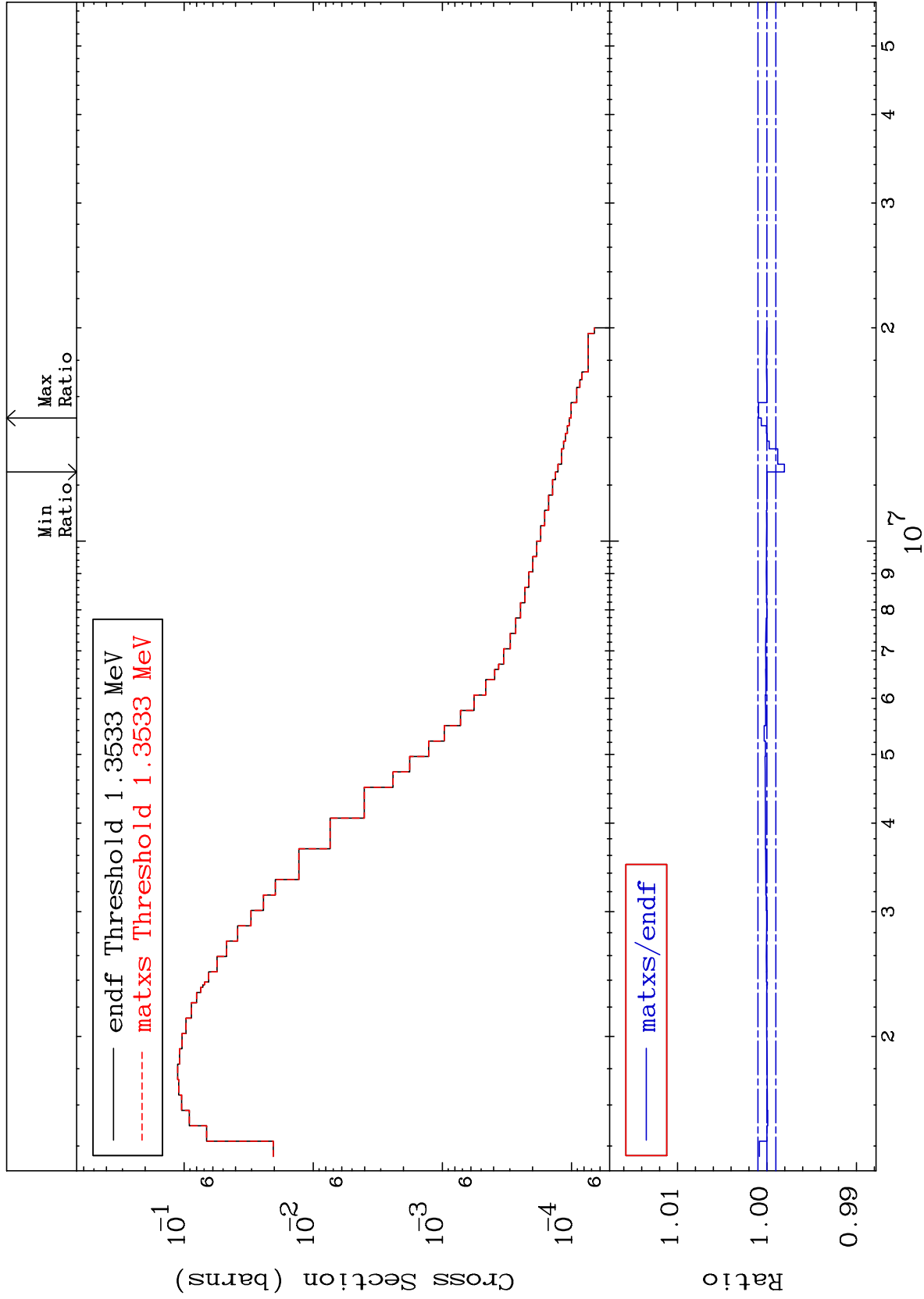
Incident Energy (eV)

64-Gd-156

MAT 6437

1.366 MeV (n,n') Level
Cross Section

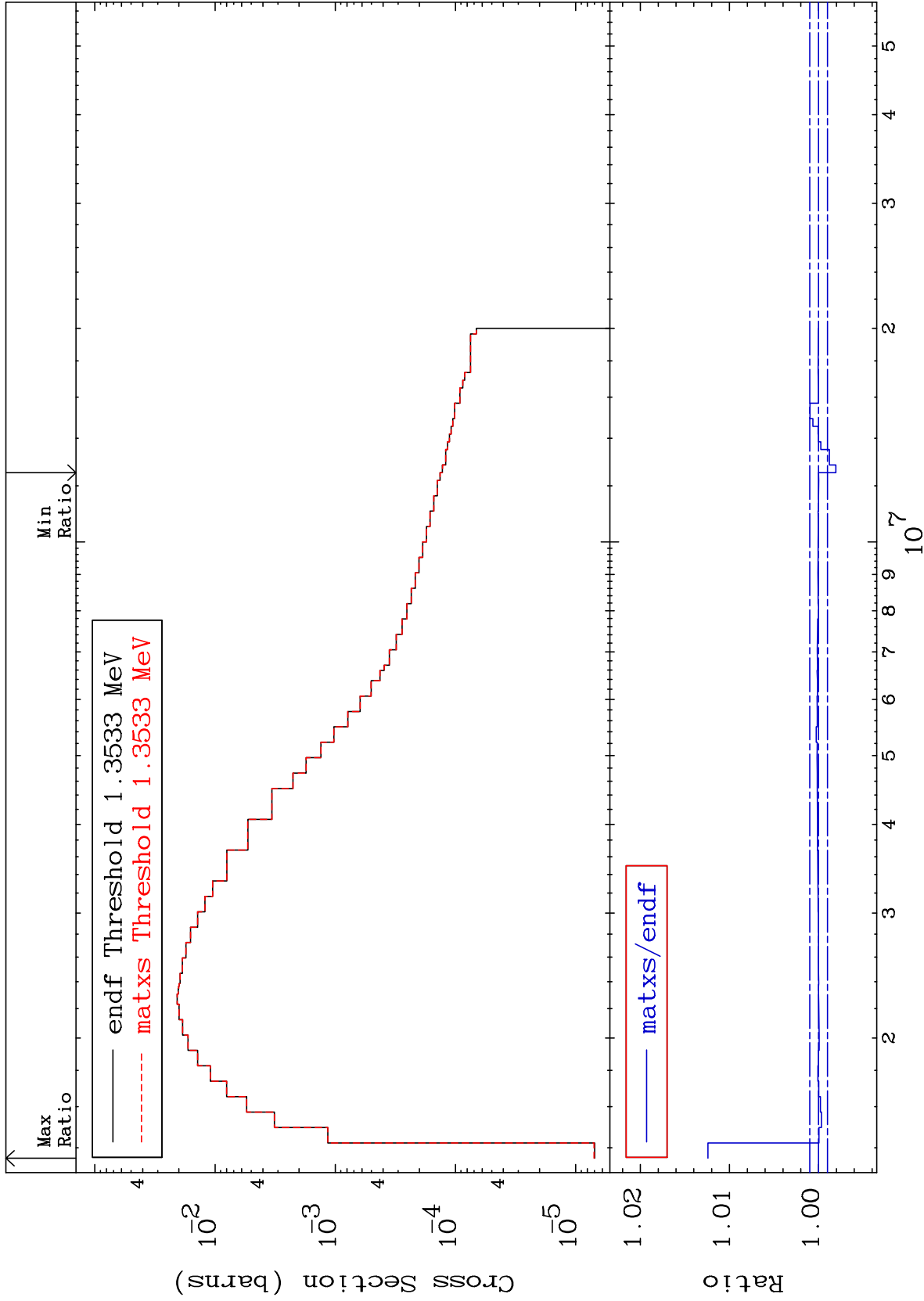
64-Gd-156
-0.194 To 0.095 %



MAT 6437

1.408 MeV (n,n') Level
Cross Section

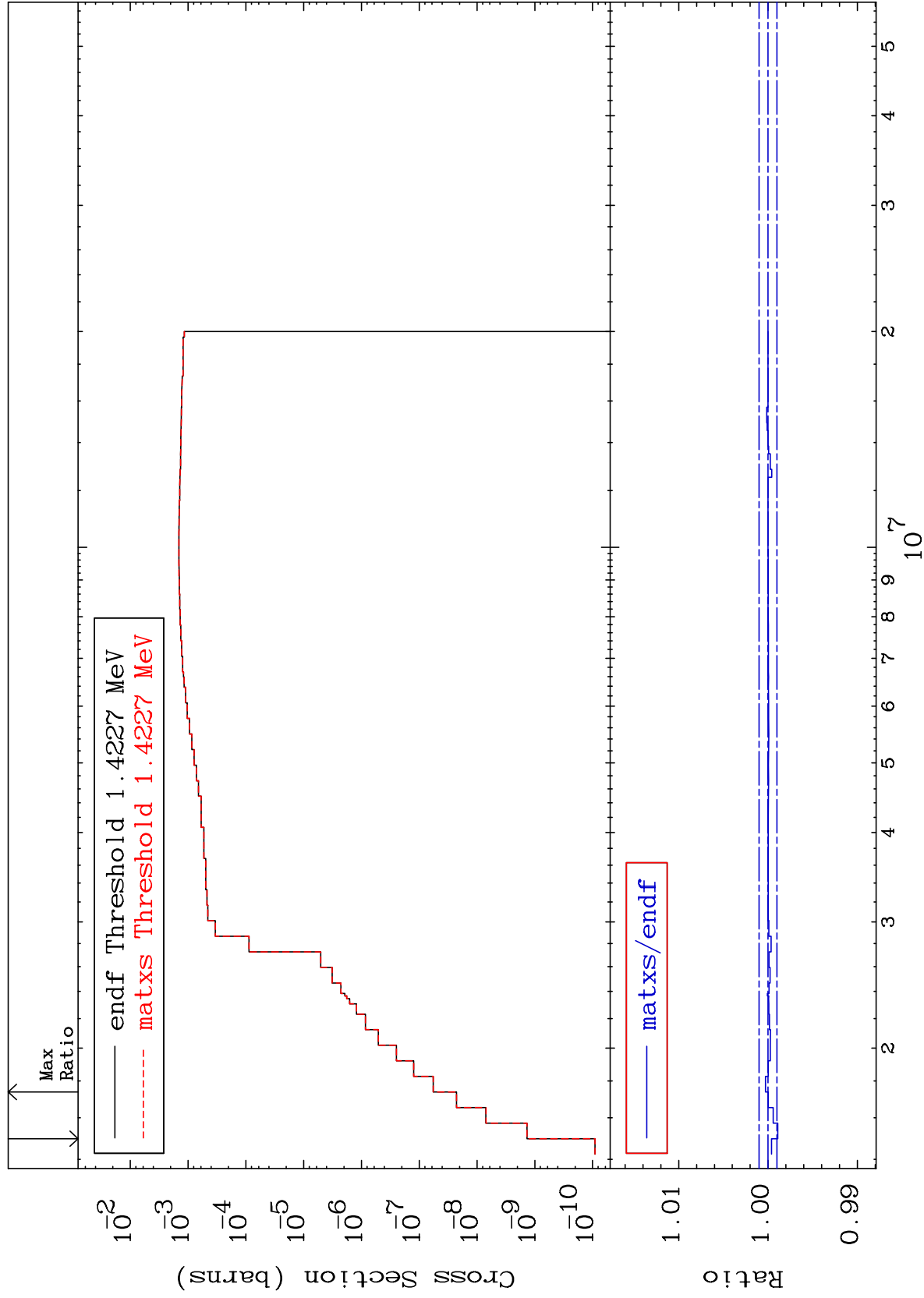
64-Gd-156
-0.193 To 1.241 %



MAT 6437

1.416 MeV (n,n') Level
Cross Section

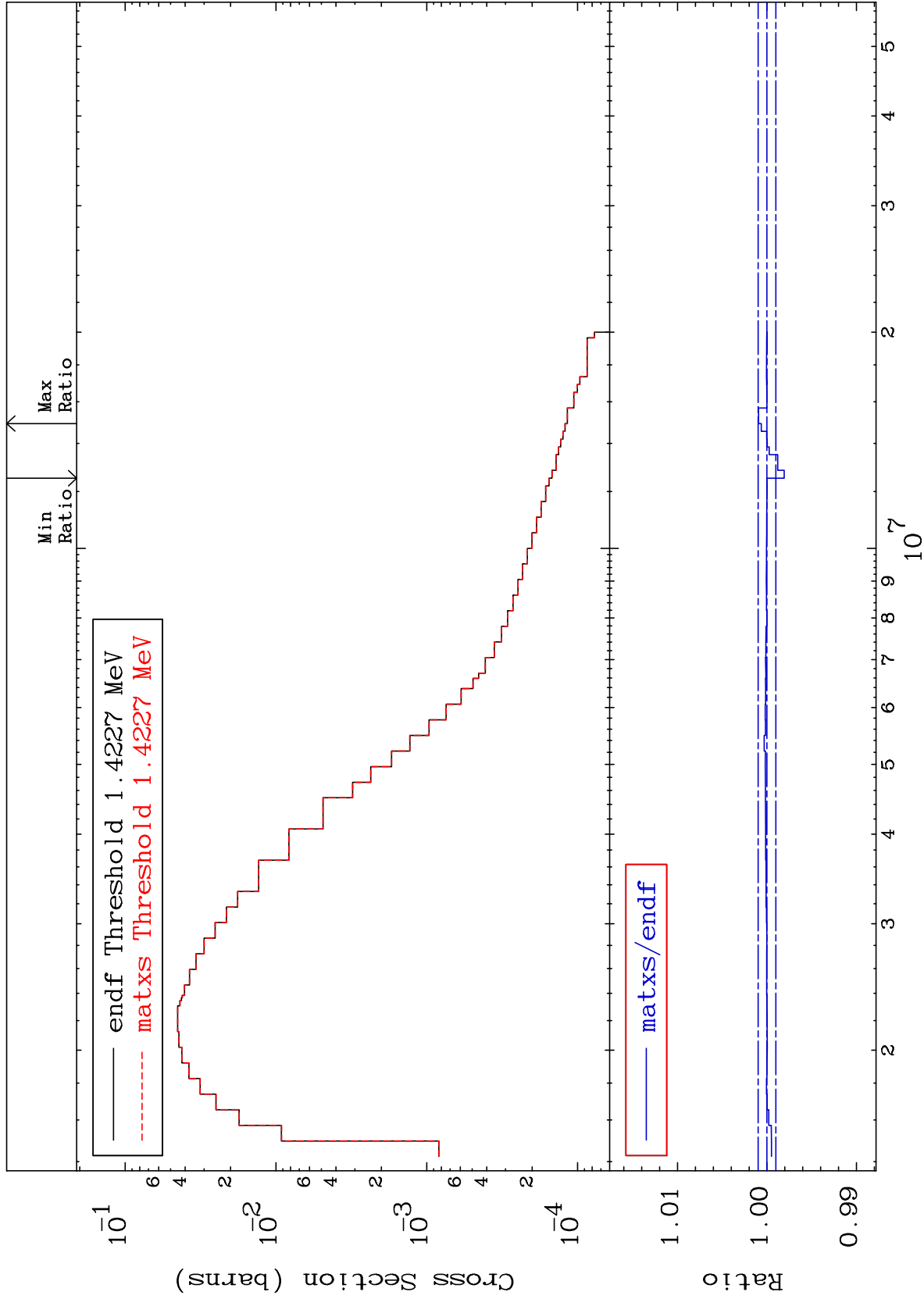
64-Gd-156
-0.109 To 0.028 %



MAT 6437

1.462 MeV (n,n') Level
Cross Section

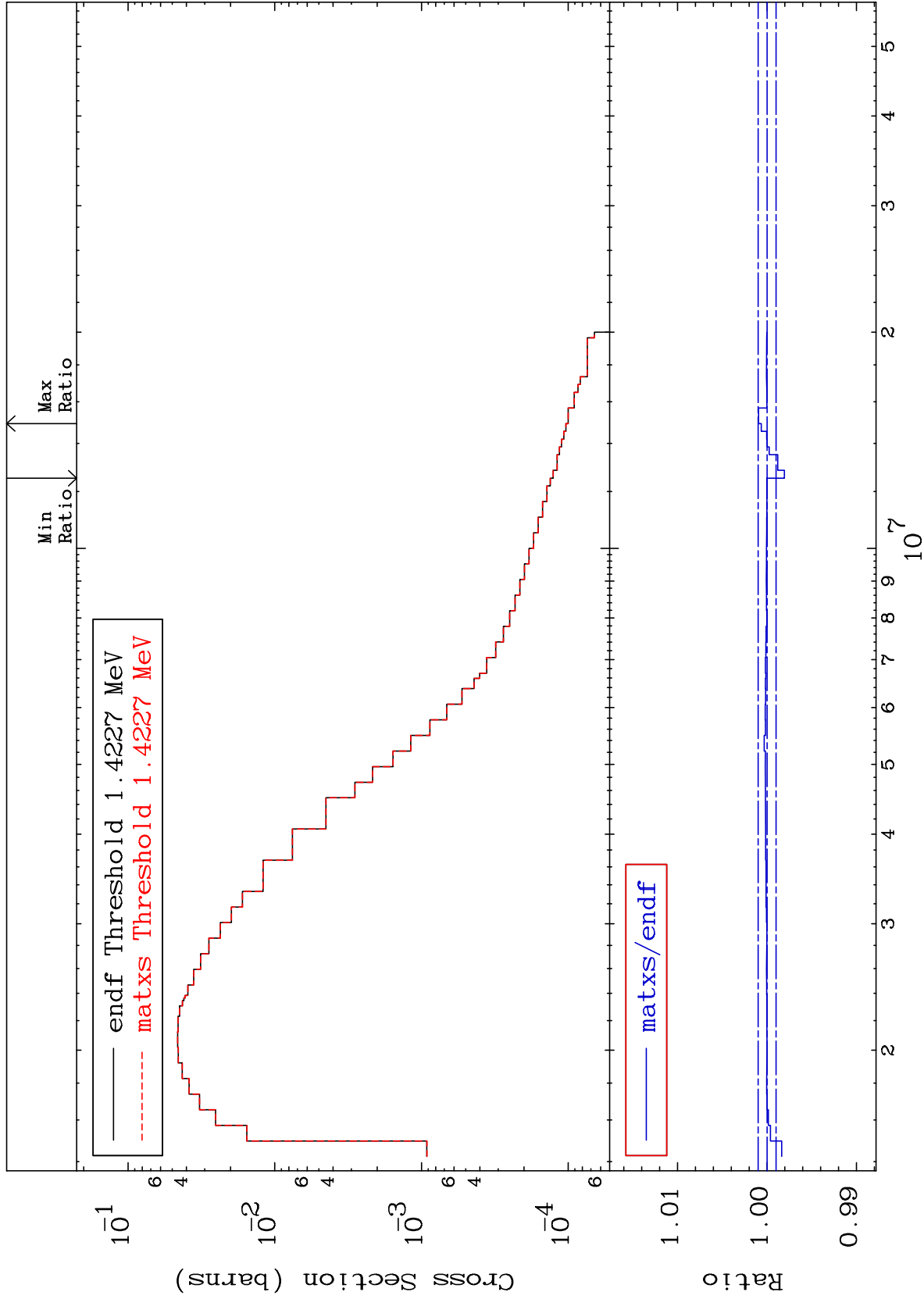
64-Gd-156
-0.193 To 0.095 %



MAT 6437

1.469 MeV (n,n') Level
Cross Section

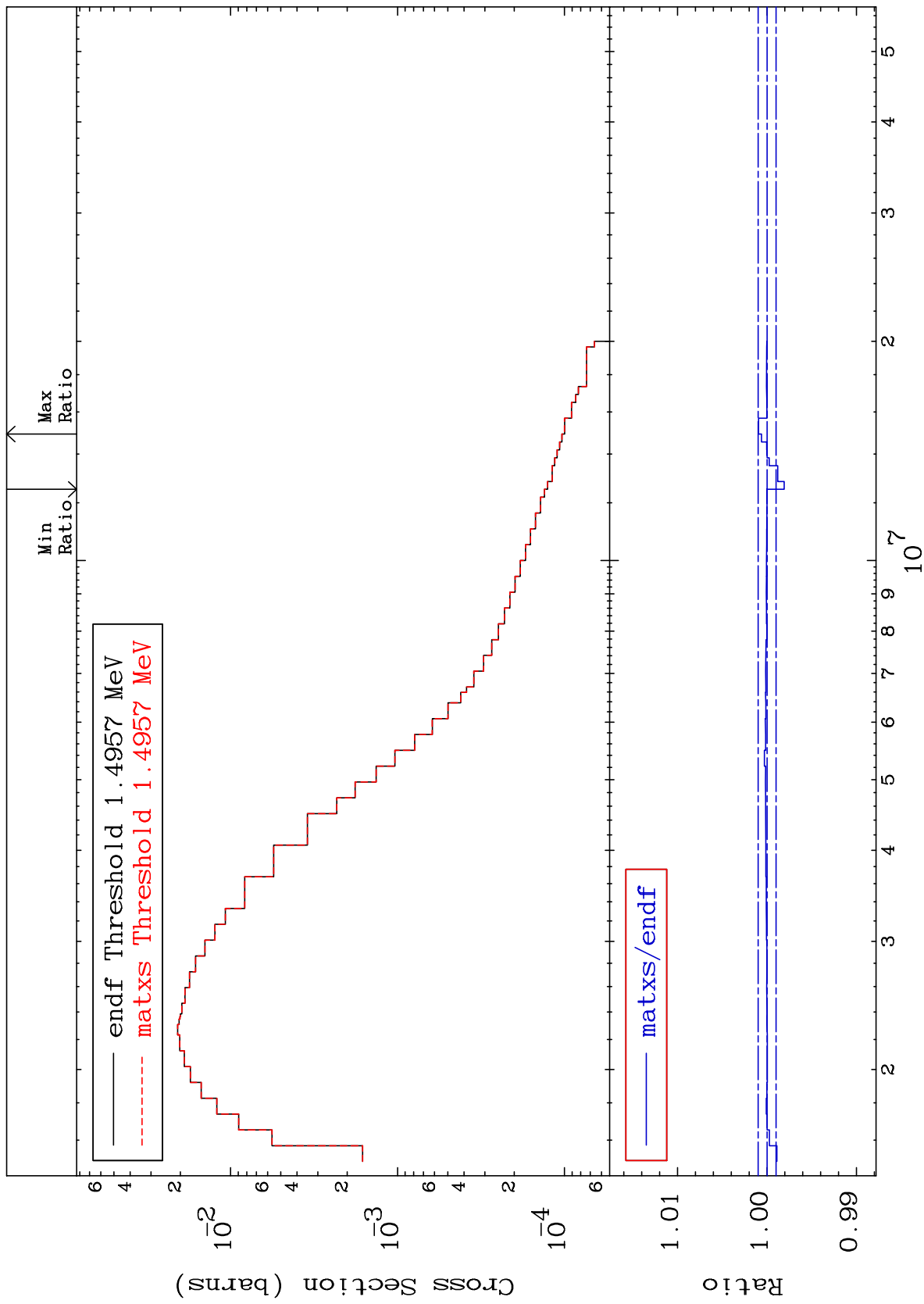
64-Gd-156
-0.193 To 0.095 %



MAT 6437

1.507 MeV (n,n') Level
Cross Section

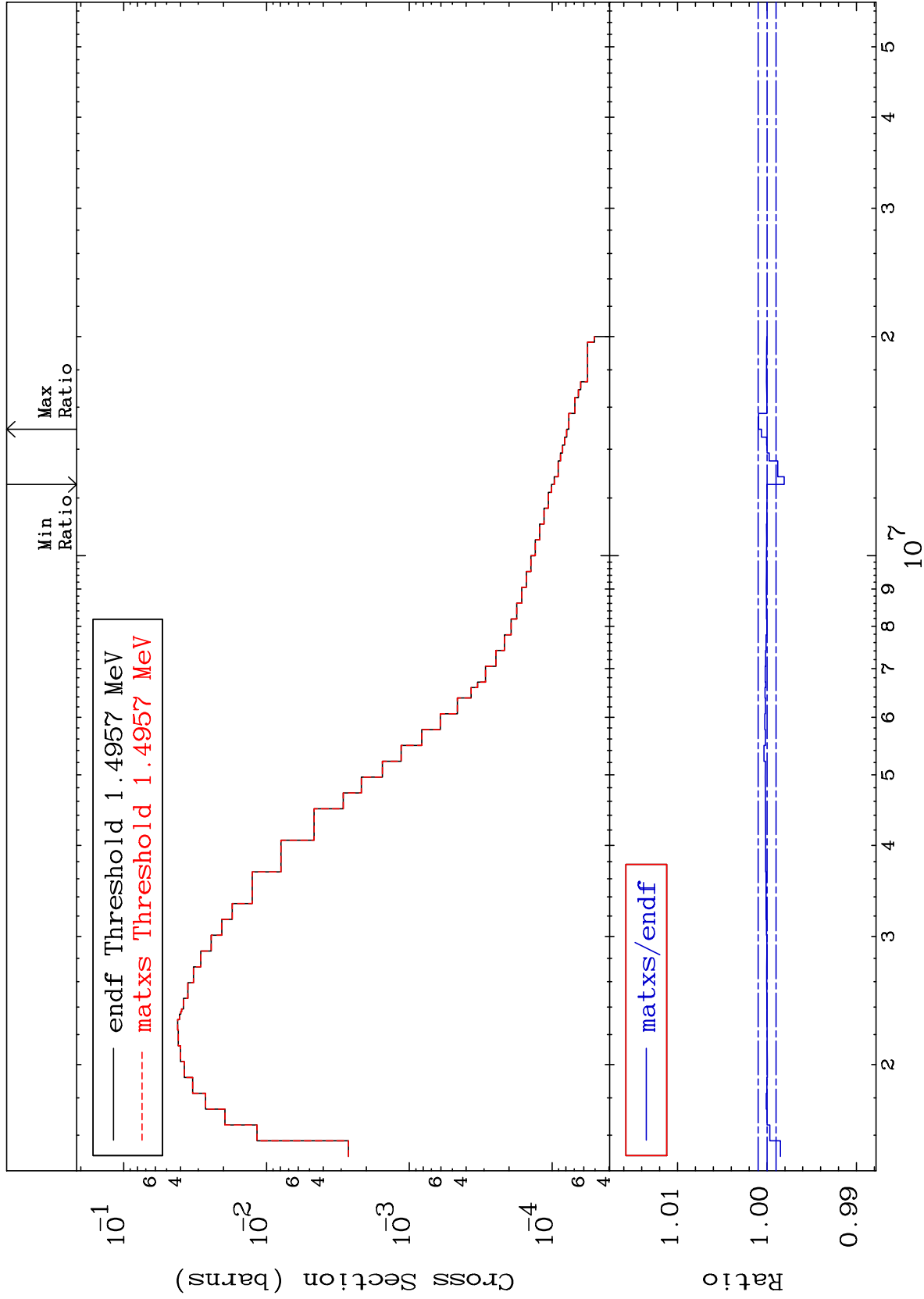
64-Gd-156
-0.193 To 0.095 %



MAT 6437

1.511 MeV (n,n') Level
Cross Section

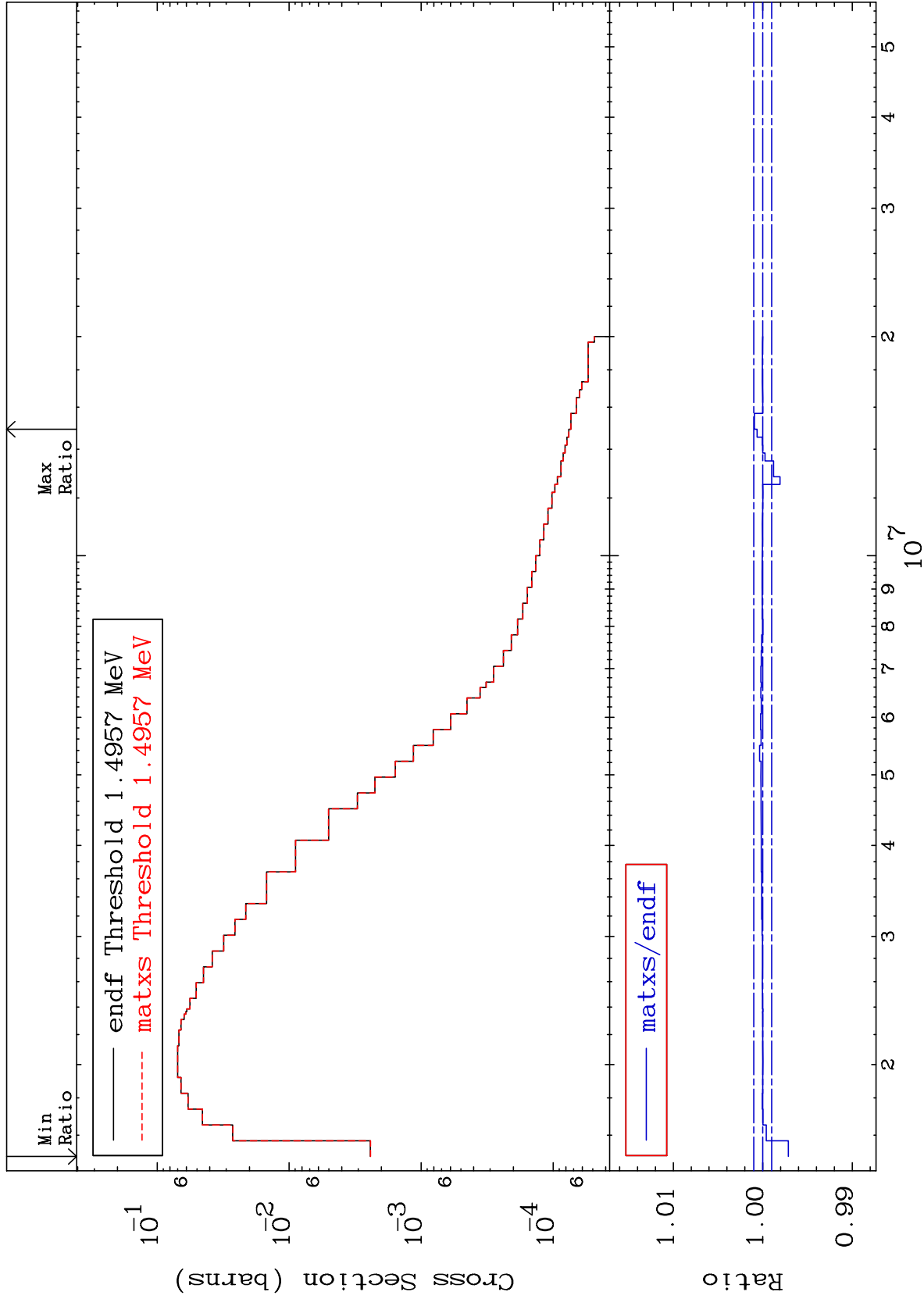
64-Gd-156
-0.193 To 0.095 %



MAT 6437

1.539 MeV (n,n') Level
Cross Section

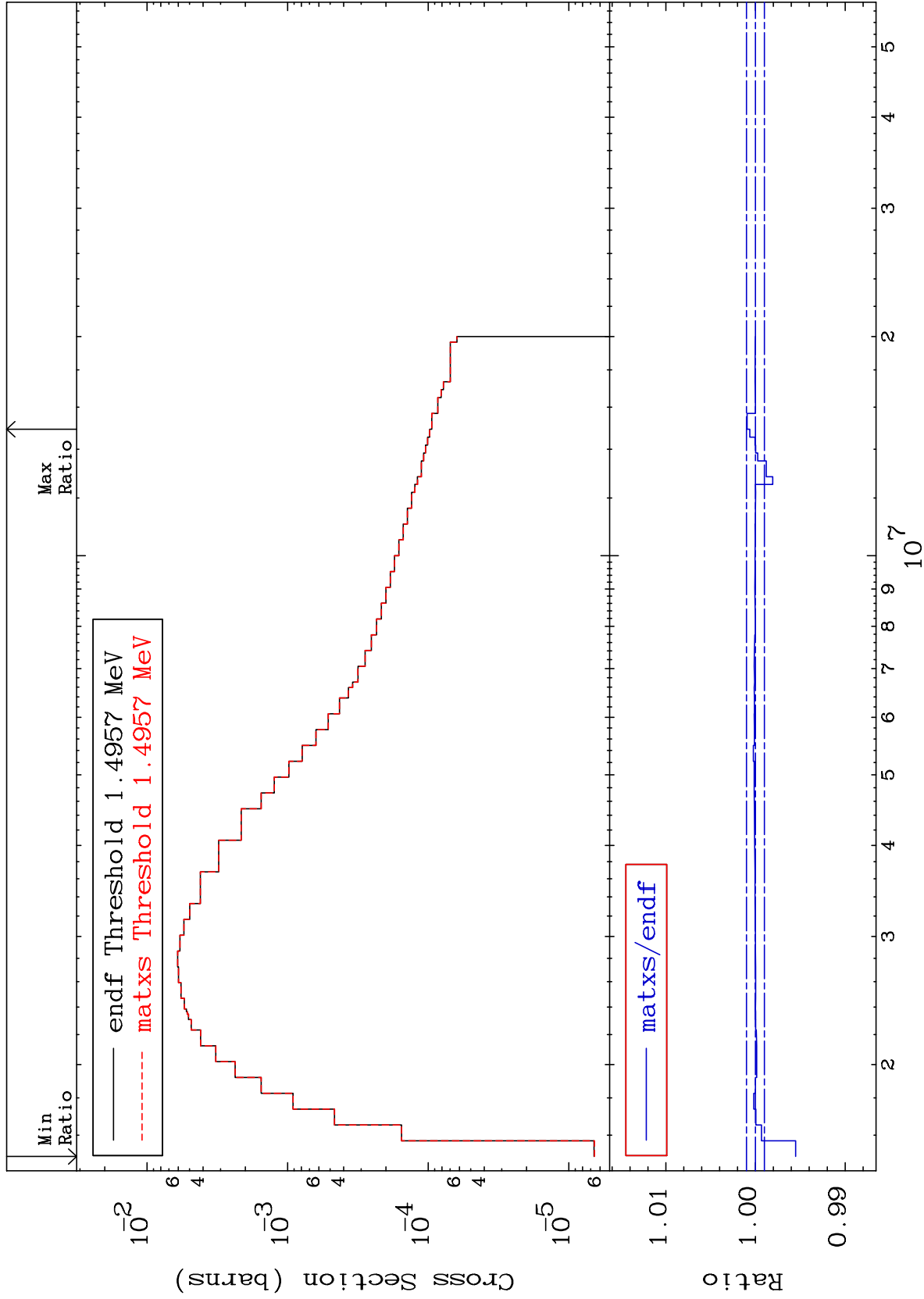
64-Gd-156
-0.286 To 0.094 %



MAT 6437

1.540 MeV (n,n') Level
Cross Section

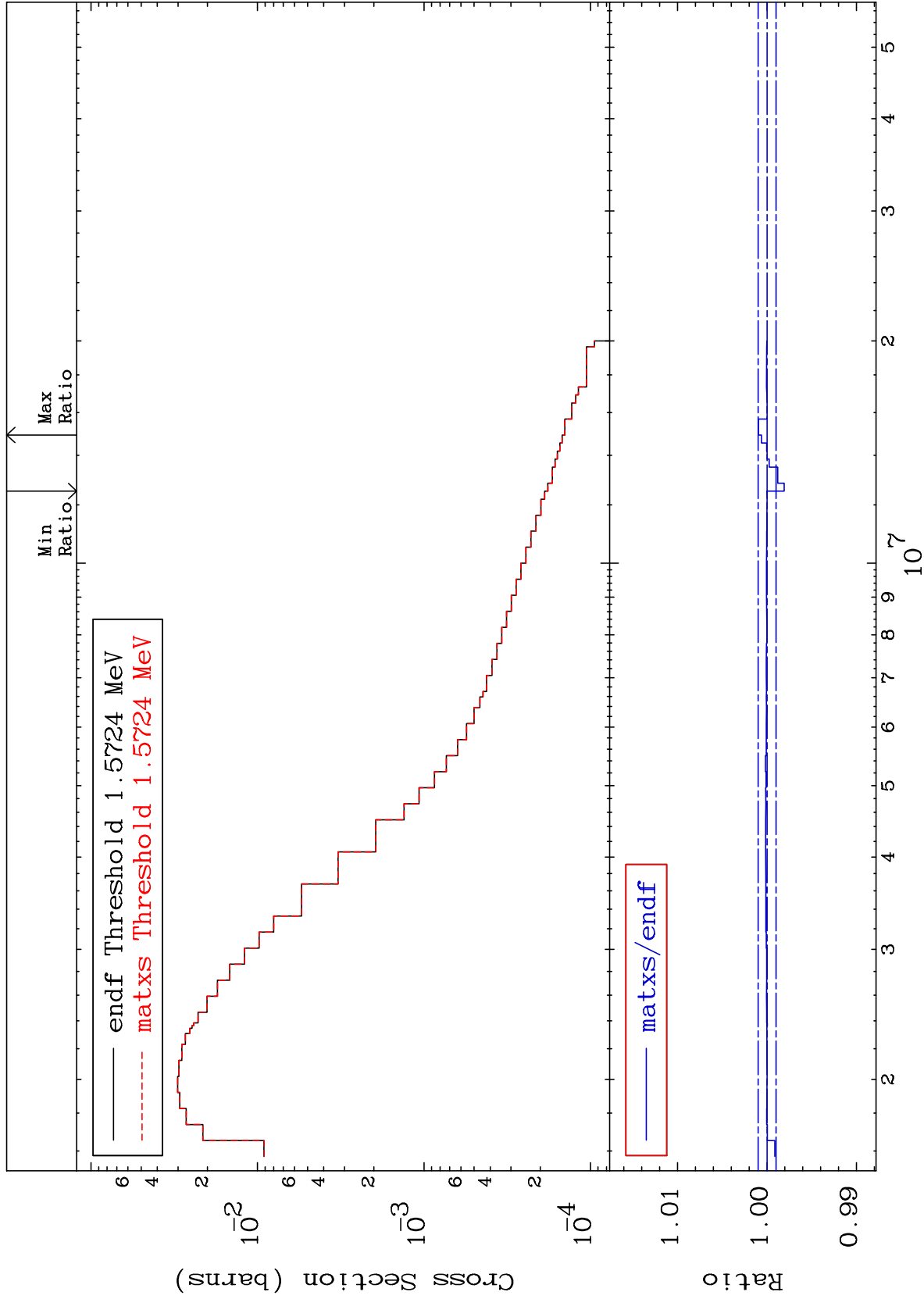
64-Gd-156
-0.449 To 0.094 %



MAT 6437

1.577 MeV (n,n') Level
Cross Section

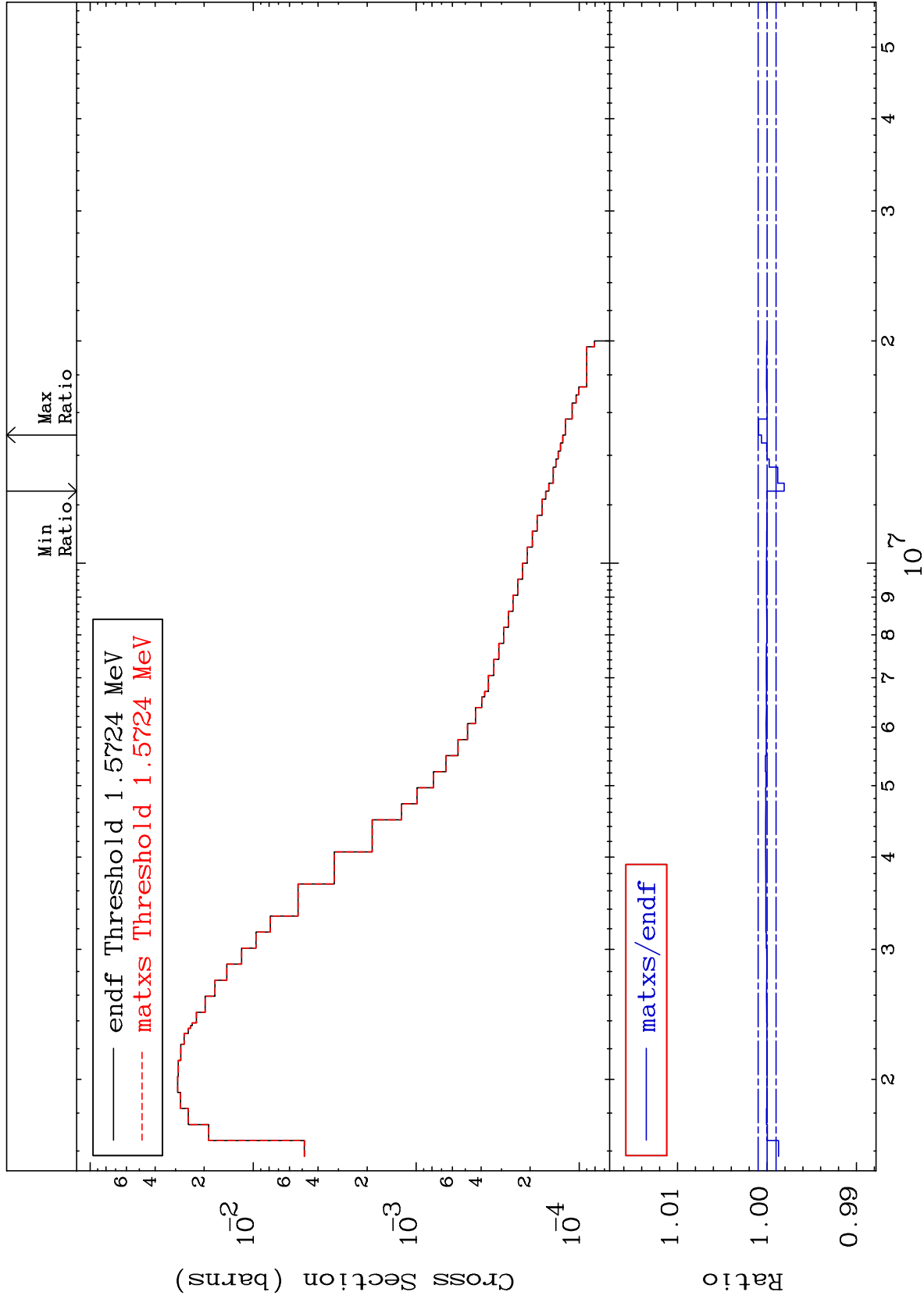
64-Gd-156
-0.192 To 0.094 %



MAT 6437

1.595 MeV (n,n') Level
Cross Section

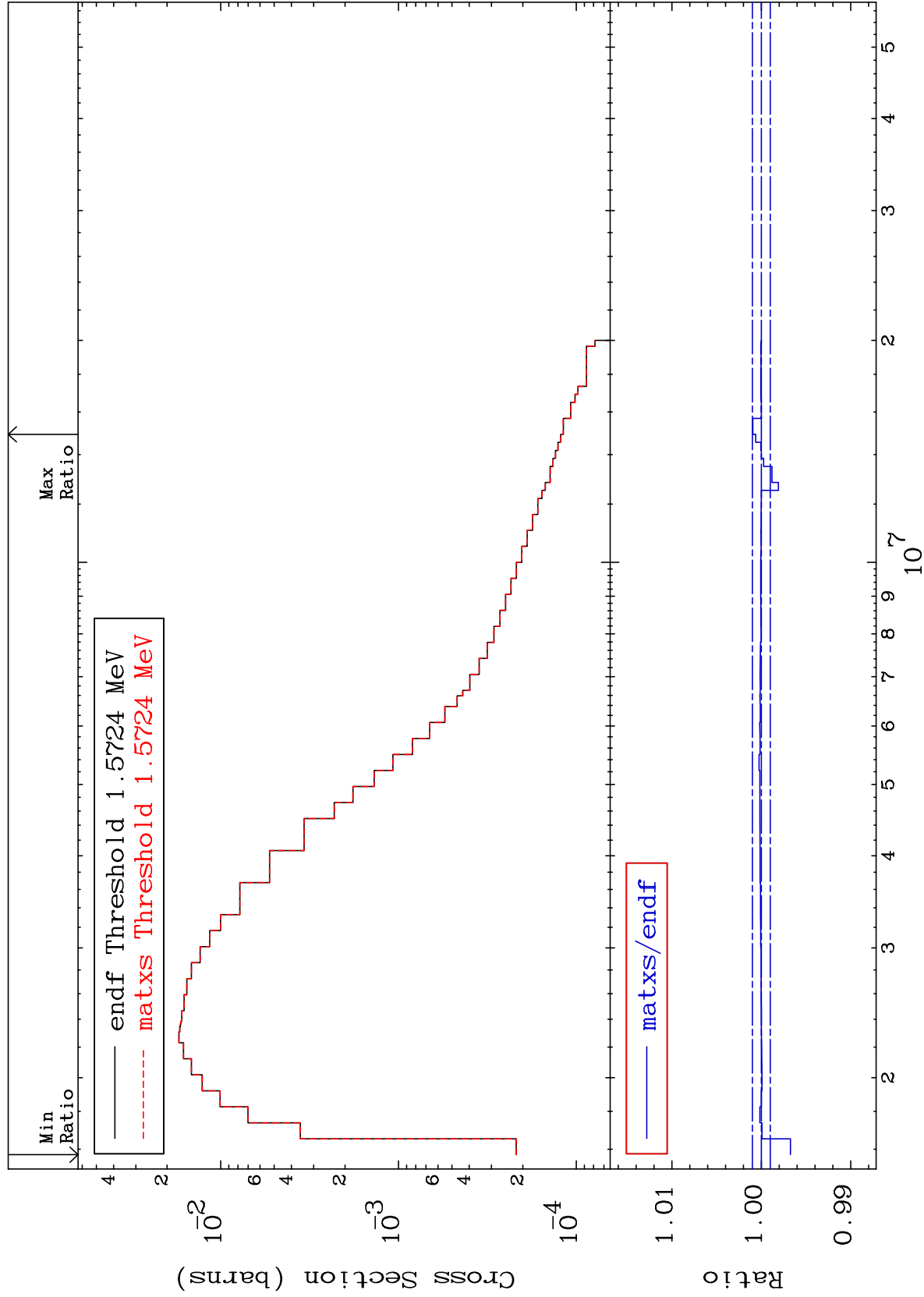
64-Gd-156
-0.192 To 0.094 %



MAT 6437

1.623 MeV (n,n') Level
Cross Section

64-Gd-156
-0.326 To 0.094 %



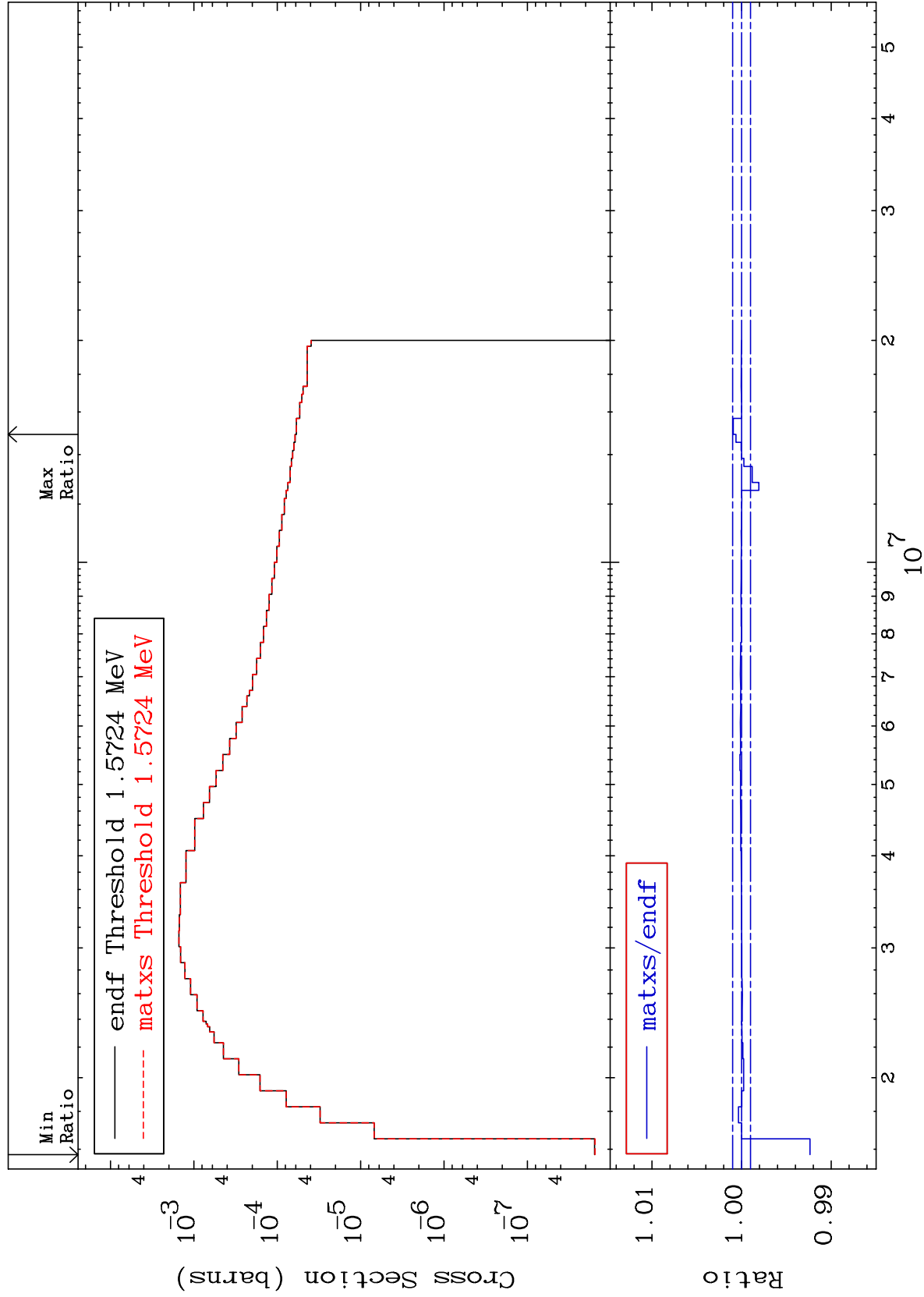
30

64-Gd-156

MAT 6437

1.638 MeV (n,n') Level
Cross Section

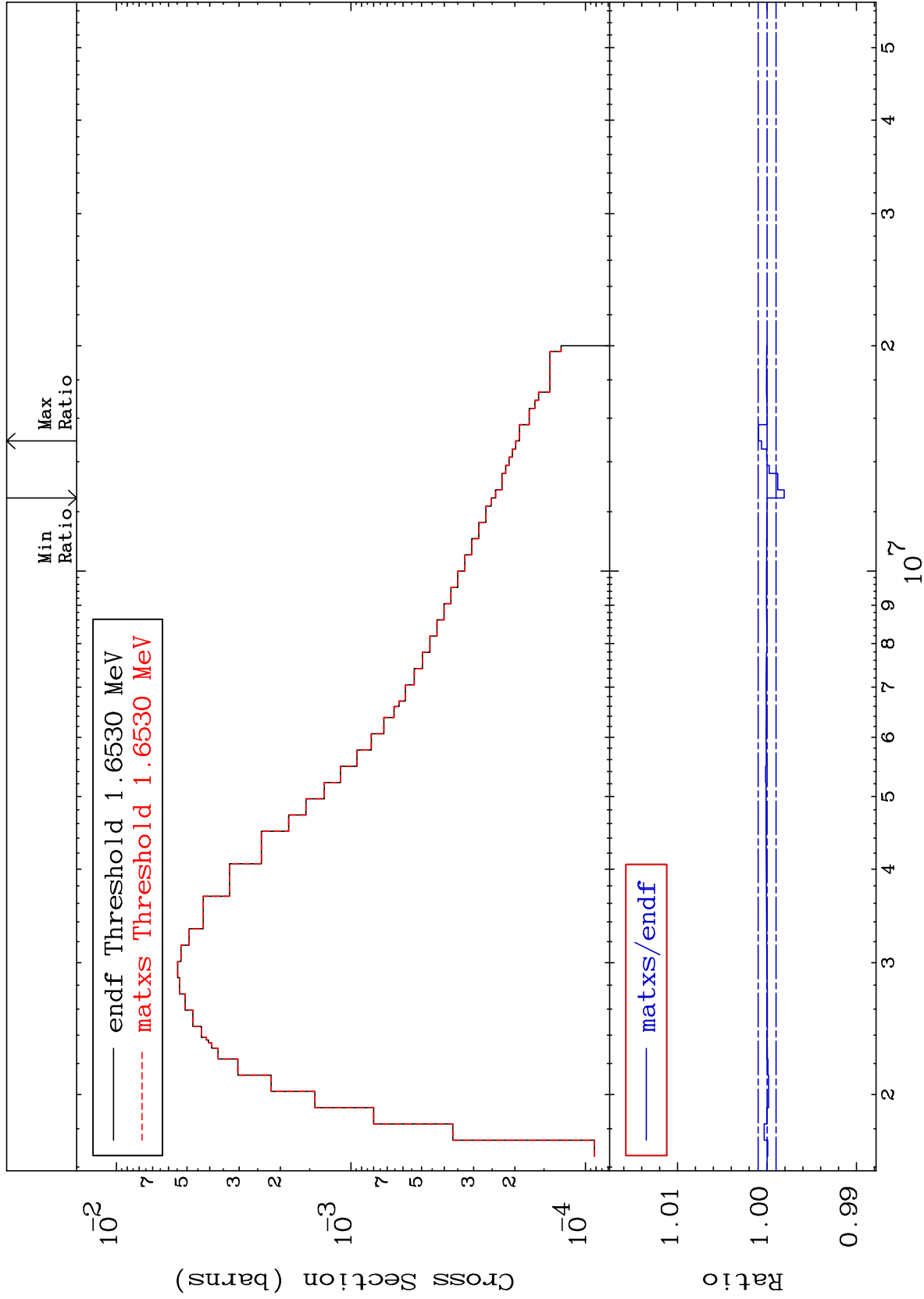
64-Gd-156
-0.764 To 0.094 %



MAT 6437

1.644 MeV (n,n') Level
Cross Section

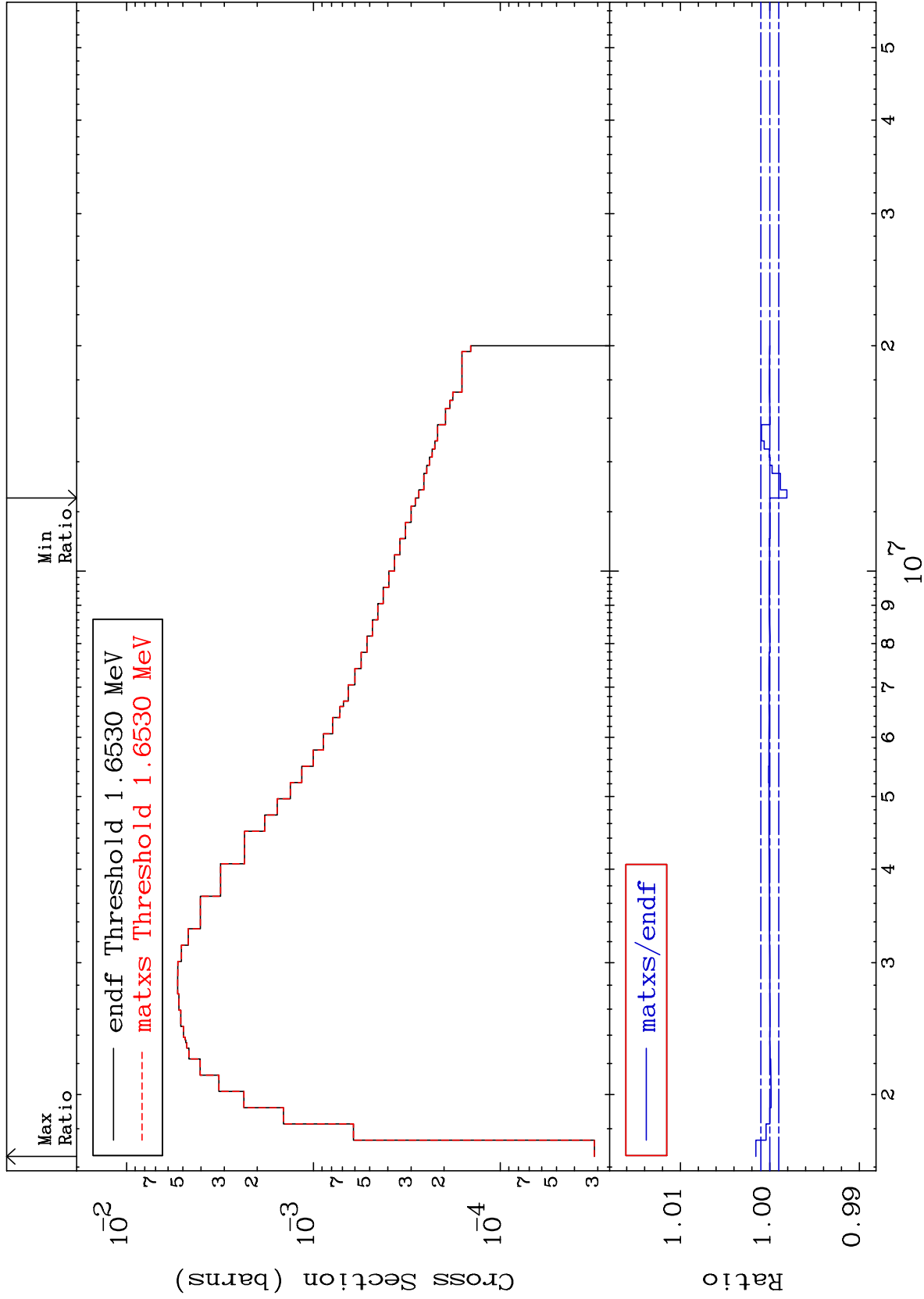
64-Gd-156
-0.191 To 0.094 %



MAT 6437

1.706 MeV (n,n') Level
Cross Section

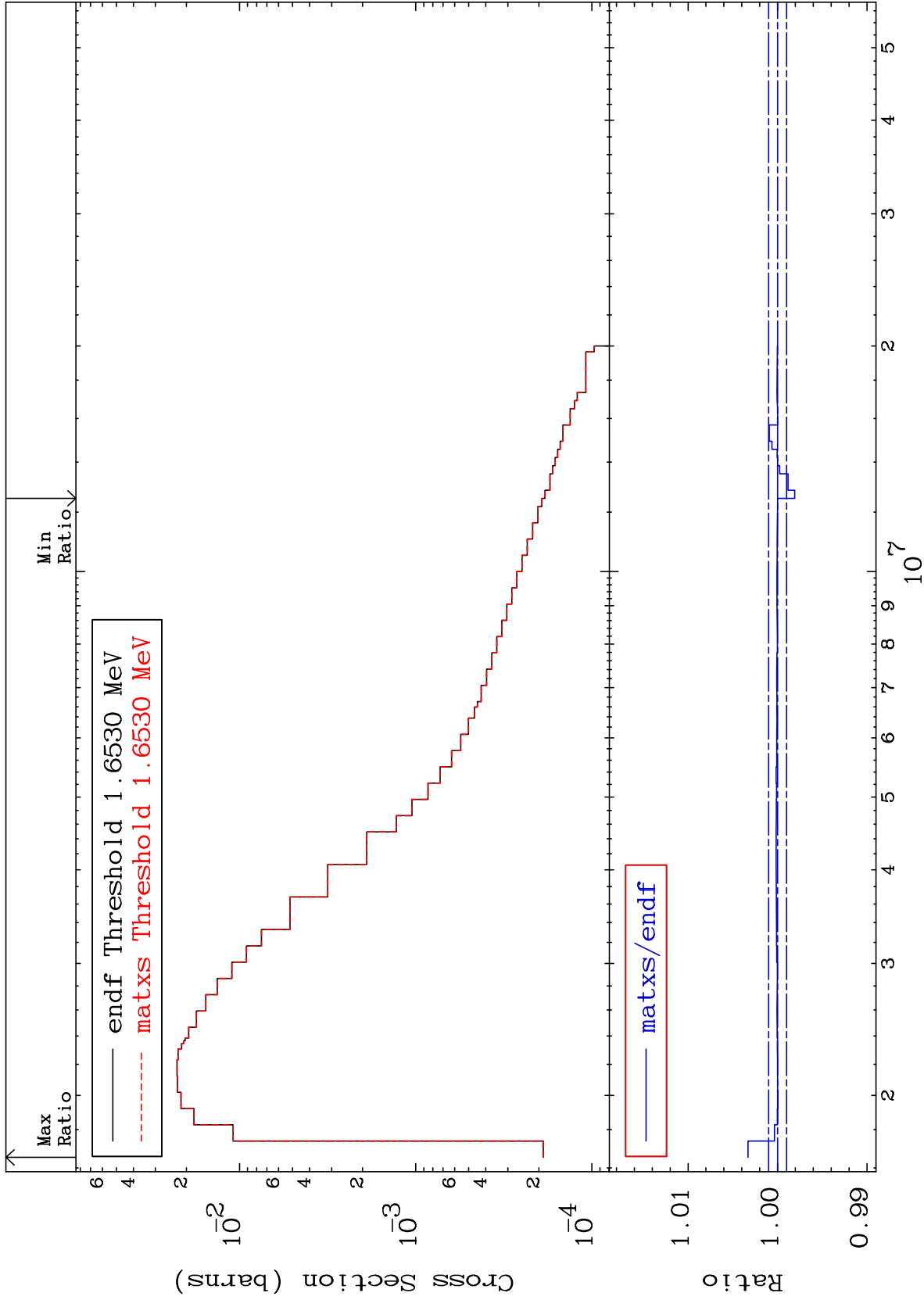
64-Gd-156
-0.191 To 0.156 %



MAT 6437

1.715 MeV (n,n') Level
Cross Section

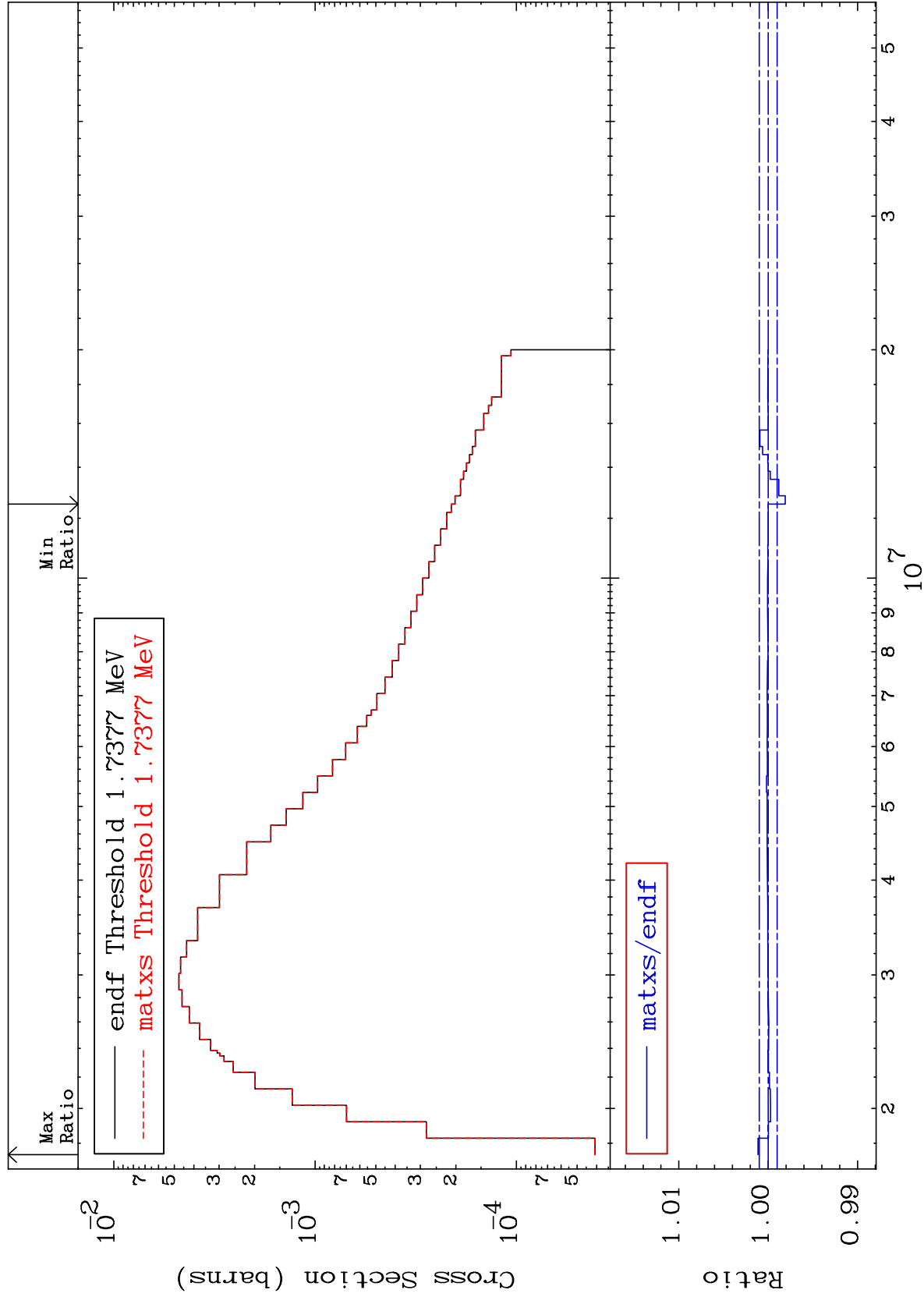
64-Gd-156
-0.191 To 0.331 %



MAT 6437

1.754 MeV (n,n') Level
Cross Section

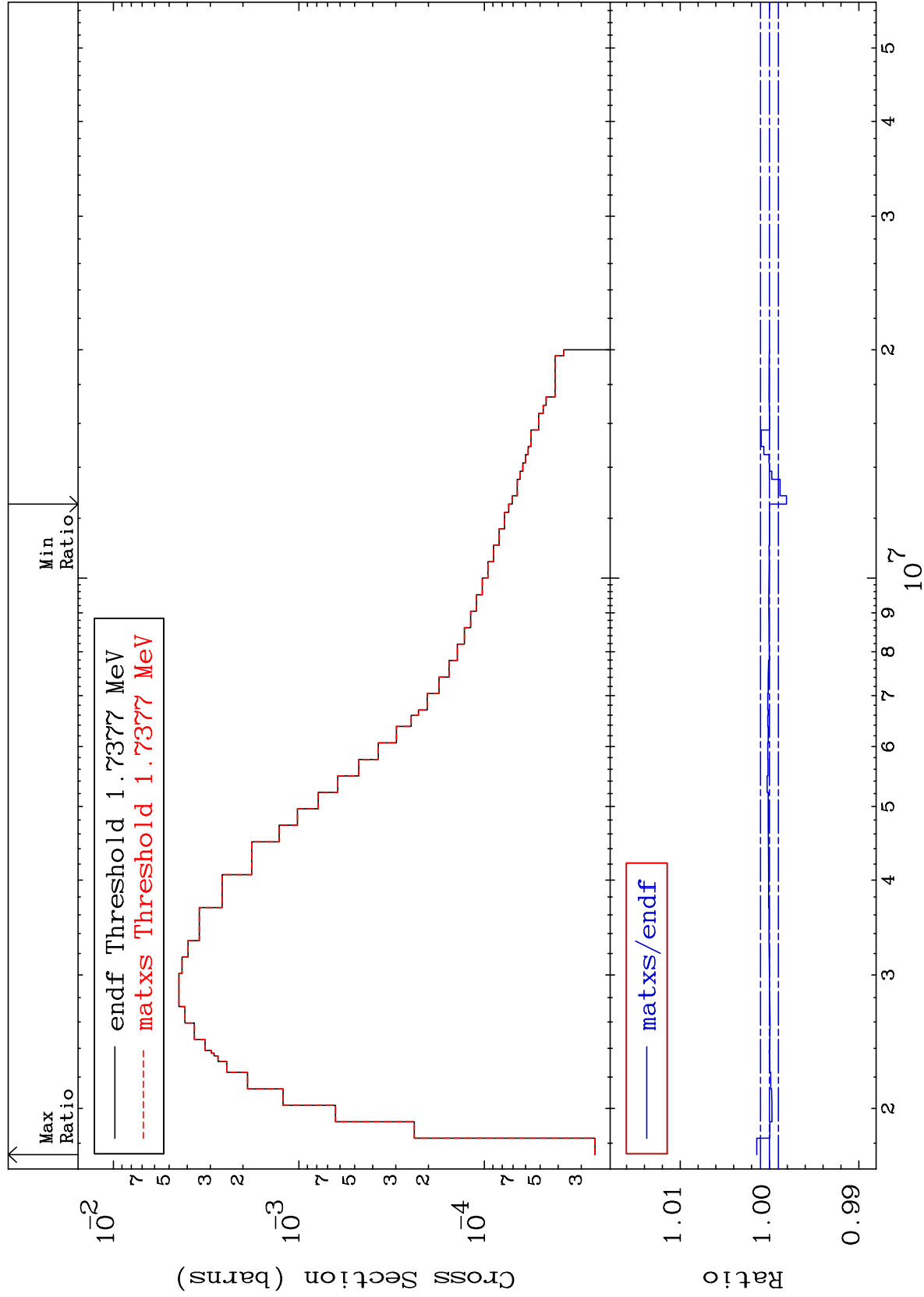
64-Gd-156
-0.190 To 0.113 %



MAT 6437

1.766 MeV (n,n') Level
Cross Section

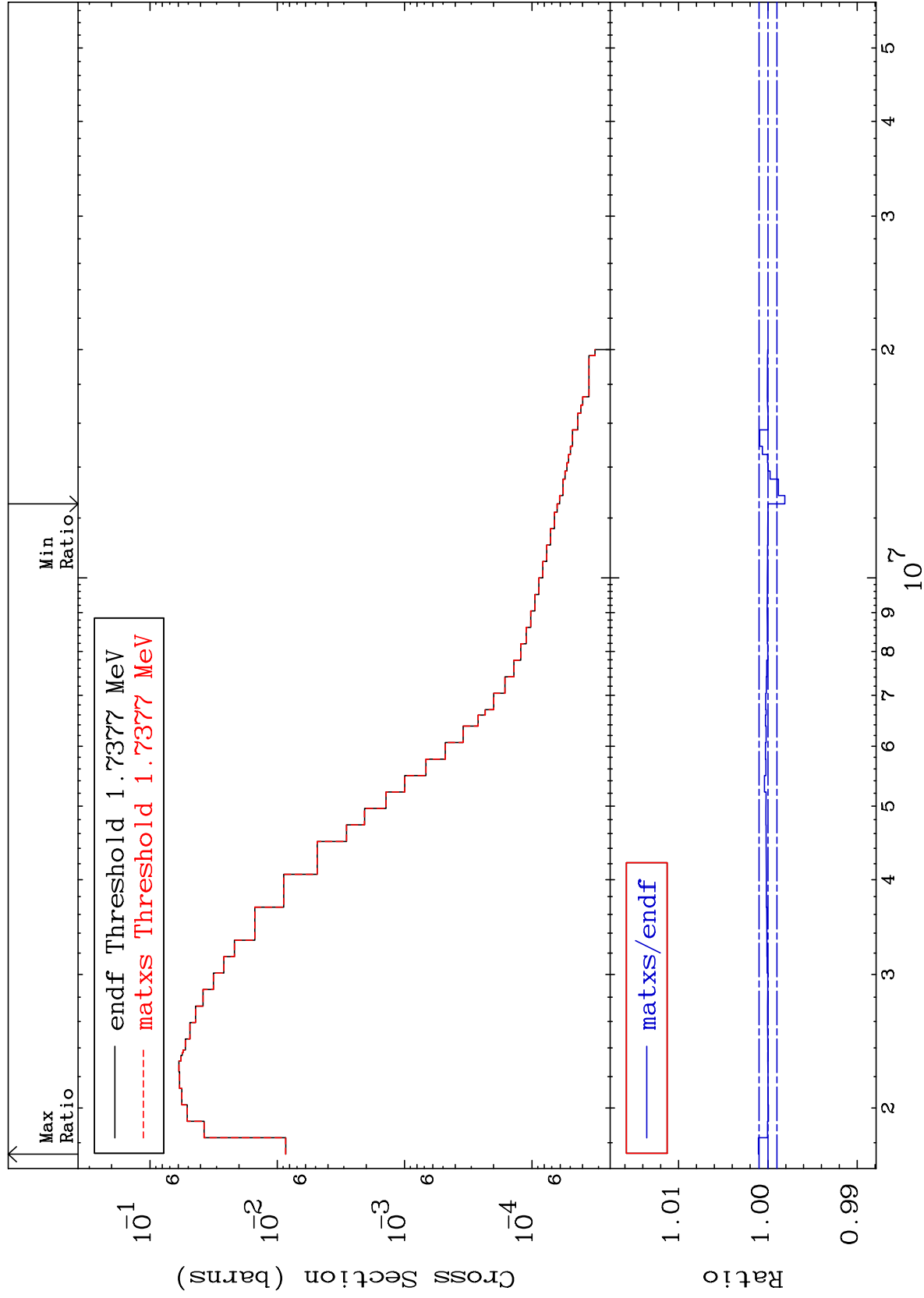
64-Gd-156
-0.191 To 0.142 %



MAT 6437

1.771 MeV (n,n') Level
Cross Section

64-Gd-156
-0.190 To 0.107 %



37

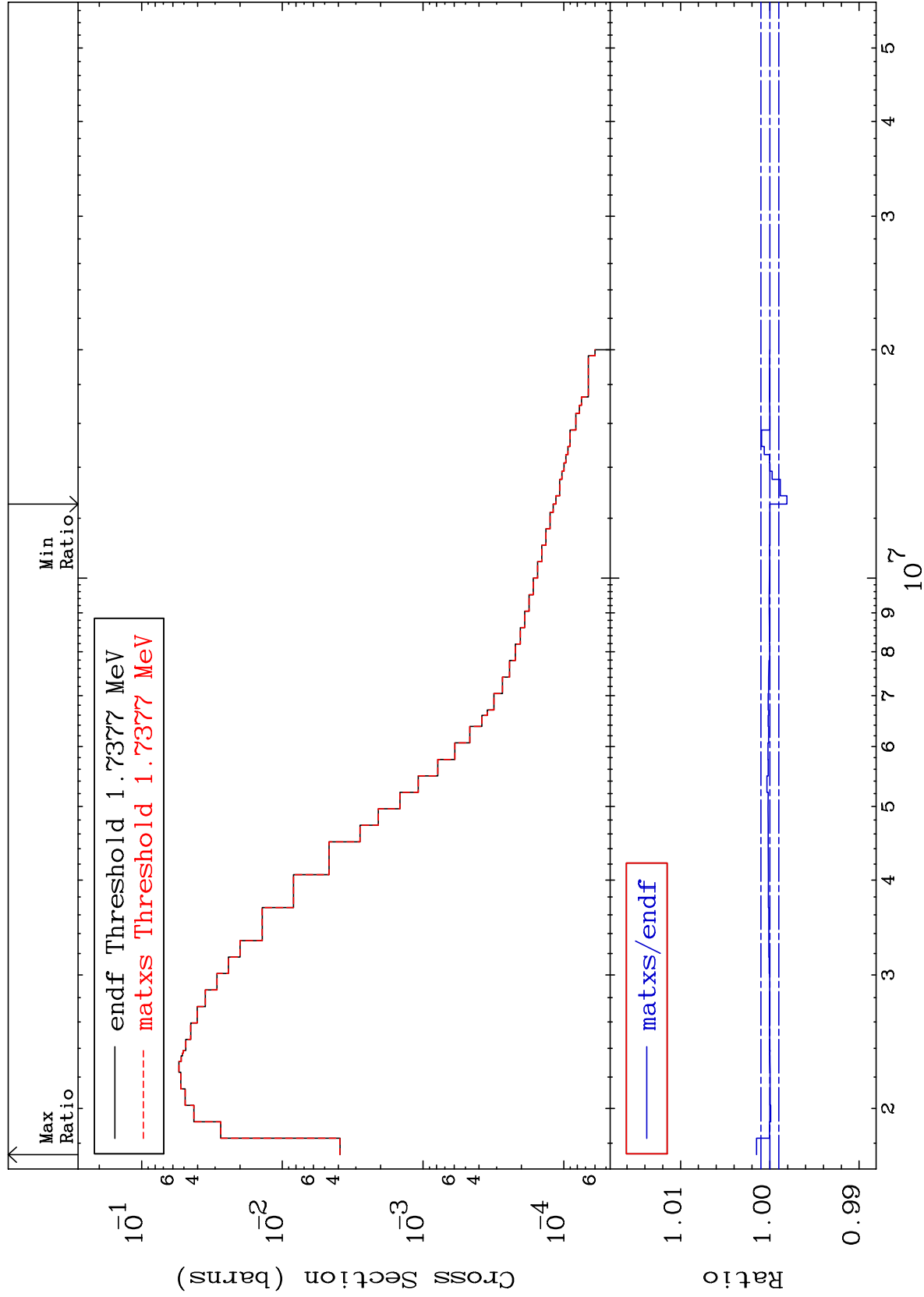
Incident Energy (eV)

64-Gd-156

MAT 6437

1.780 MeV (n,n') Level
Cross Section

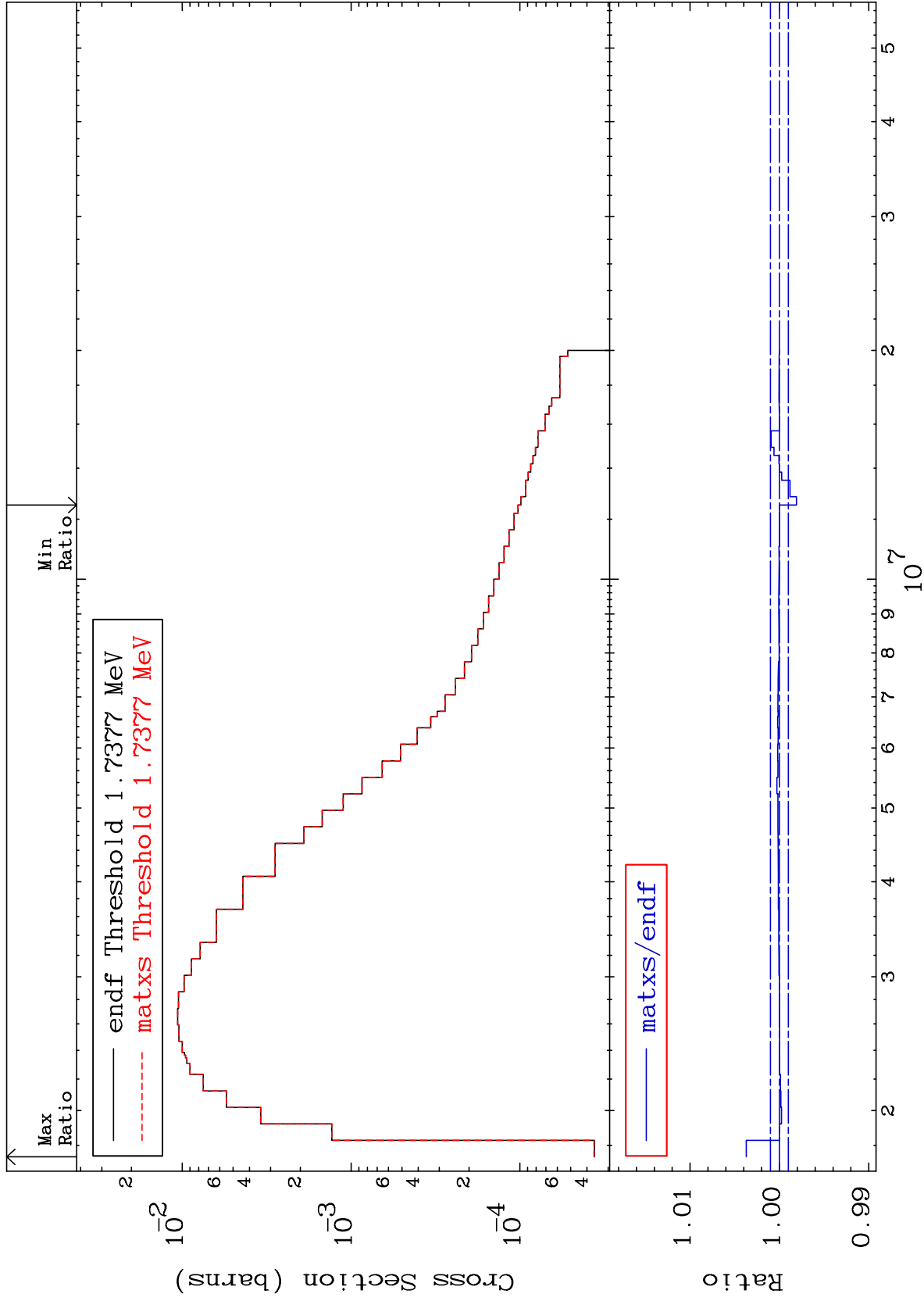
64-Gd-156
-0.190 To 0.150 %



MAT 6437

1.799 MeV (n,n') Level
Cross Section

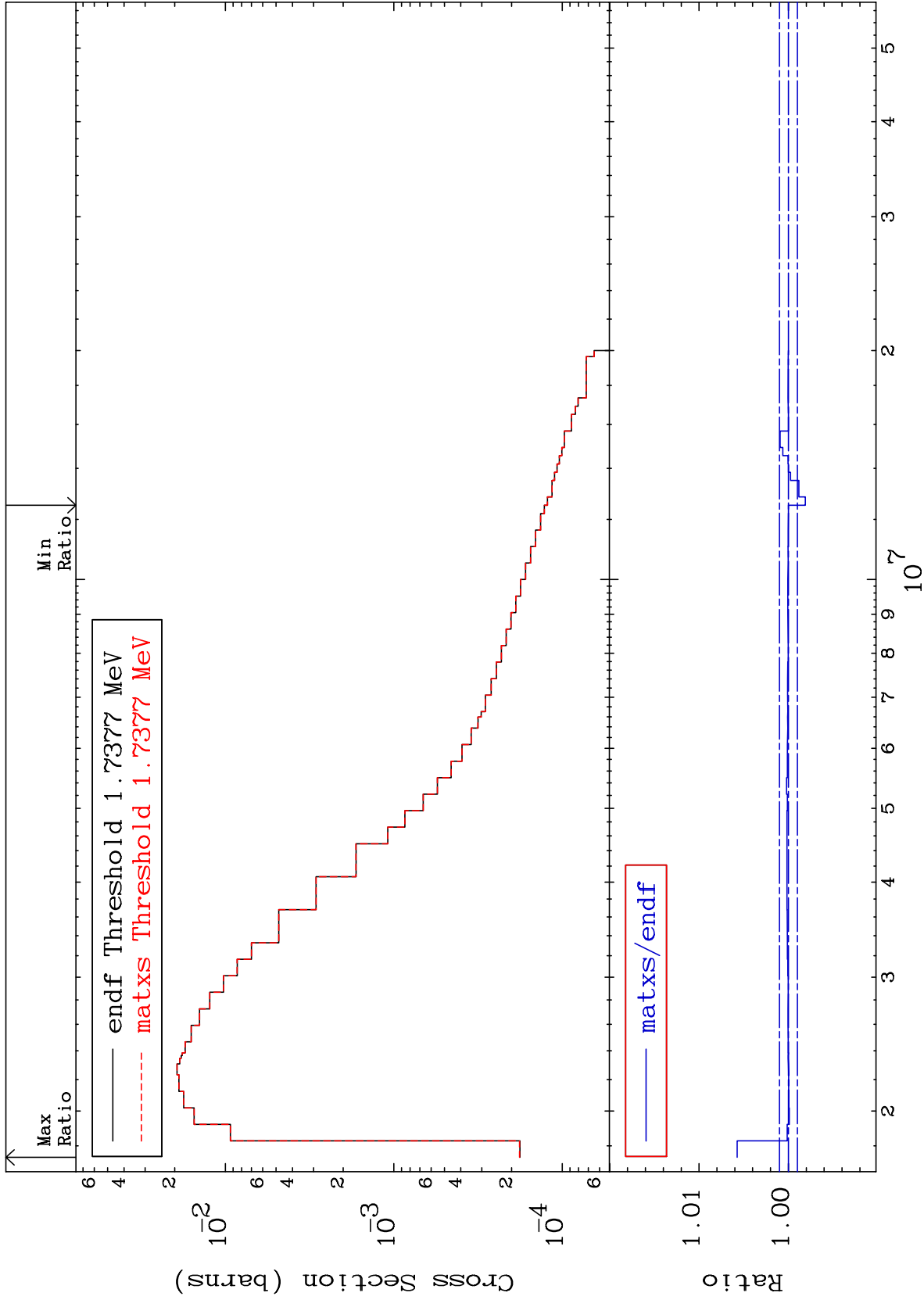
64-Gd-156
-0.190 To 0.370 %



MAT 6437

1.804 MeV (n,n') Level
Cross Section

64-Gd-156
-0.190 To 0.573 %



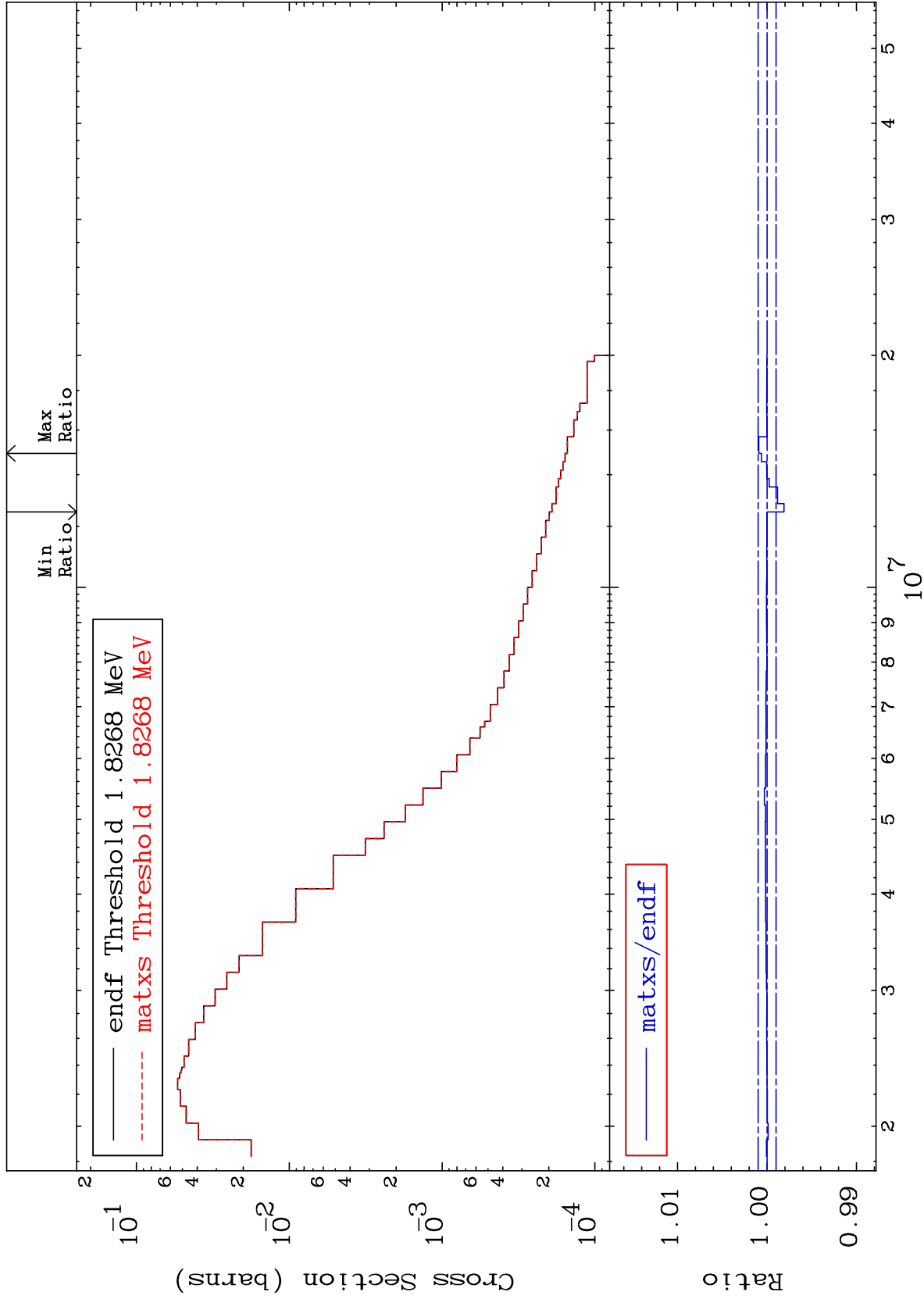
40

64-Gd-156

MAT 6437

1.828 MeV (n,n') Level
Cross Section

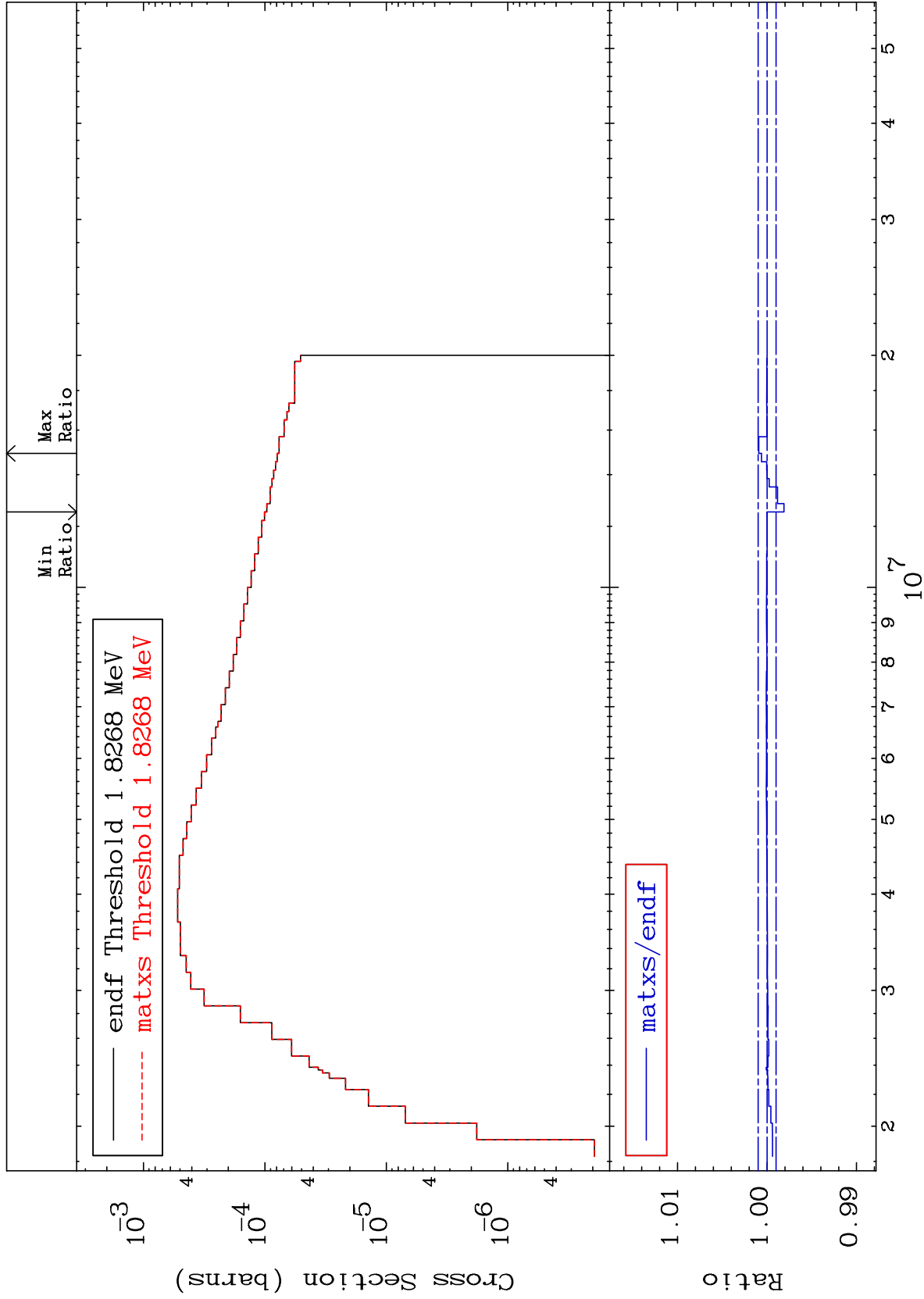
64-Gd-156
-0.190 To 0.093 %



MAT 6437

1.848 MeV (n,n') Level
Cross Section

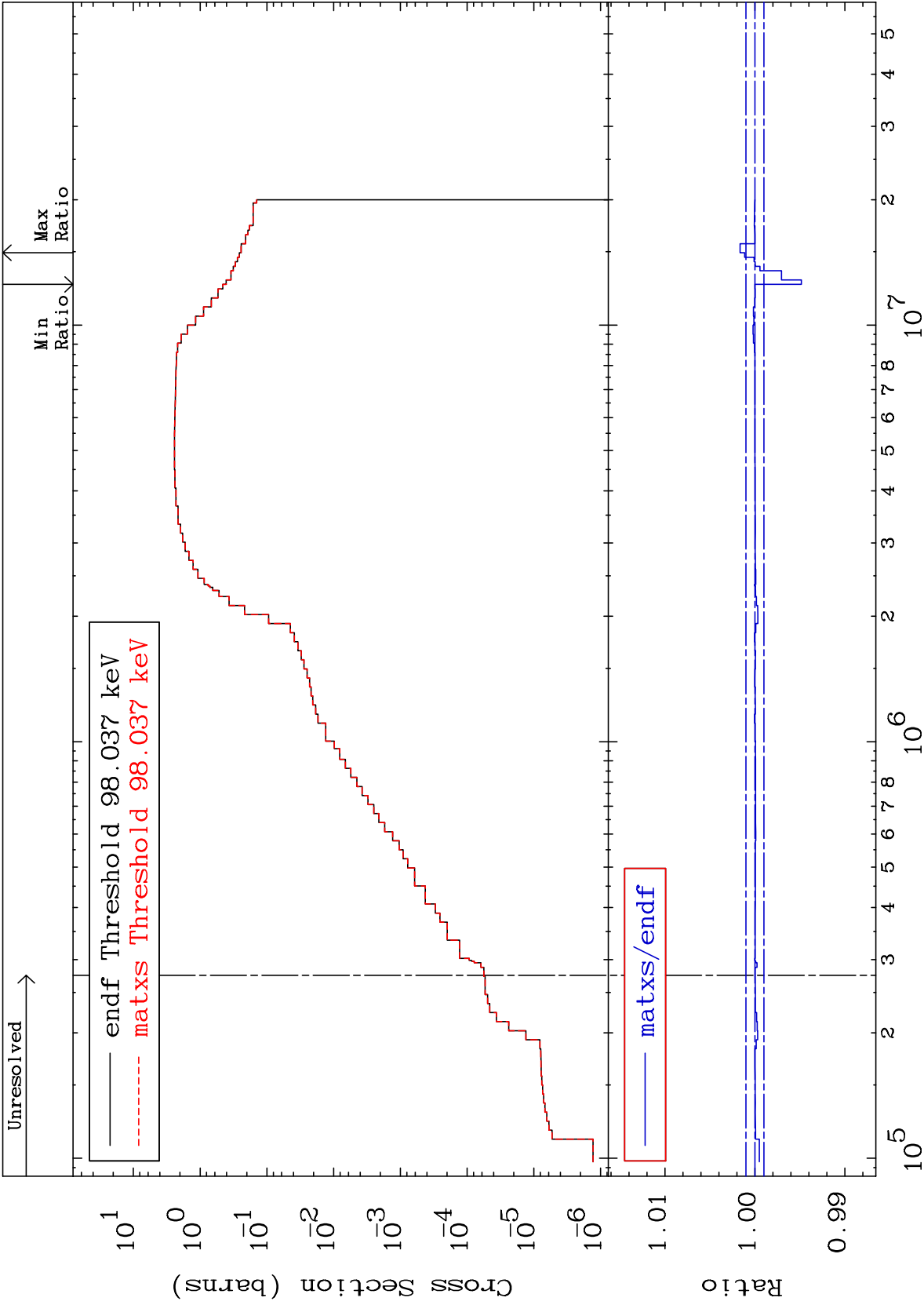
64-Gd-156
-0.190 To 0.093 %



MAT 6437

(n, n') Continuum
Cross Section

64-Gd-156
-0.515 To 0.165 %



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64-Gd-156

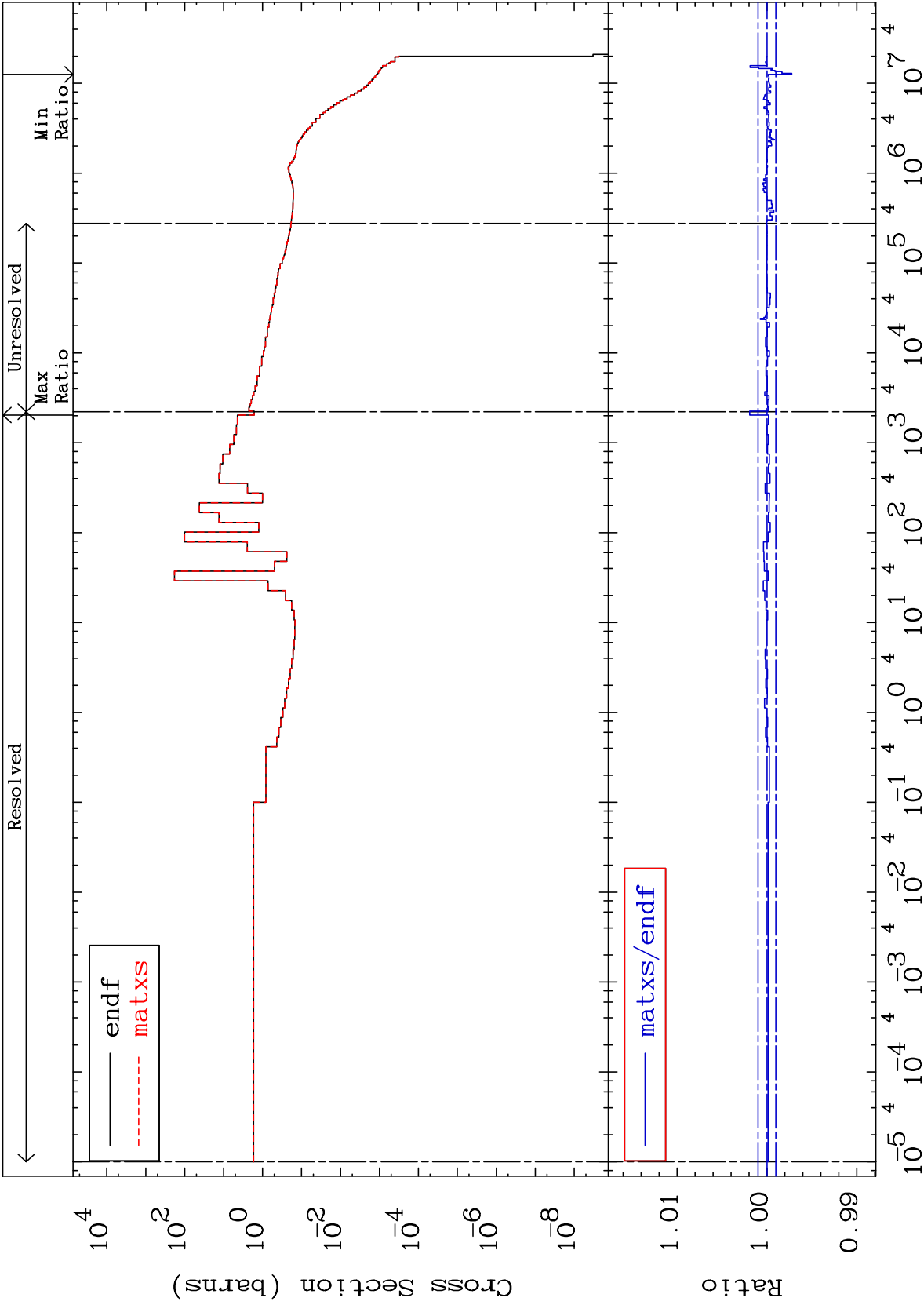
MAT 6437

(n, γ)

64-Gd-156

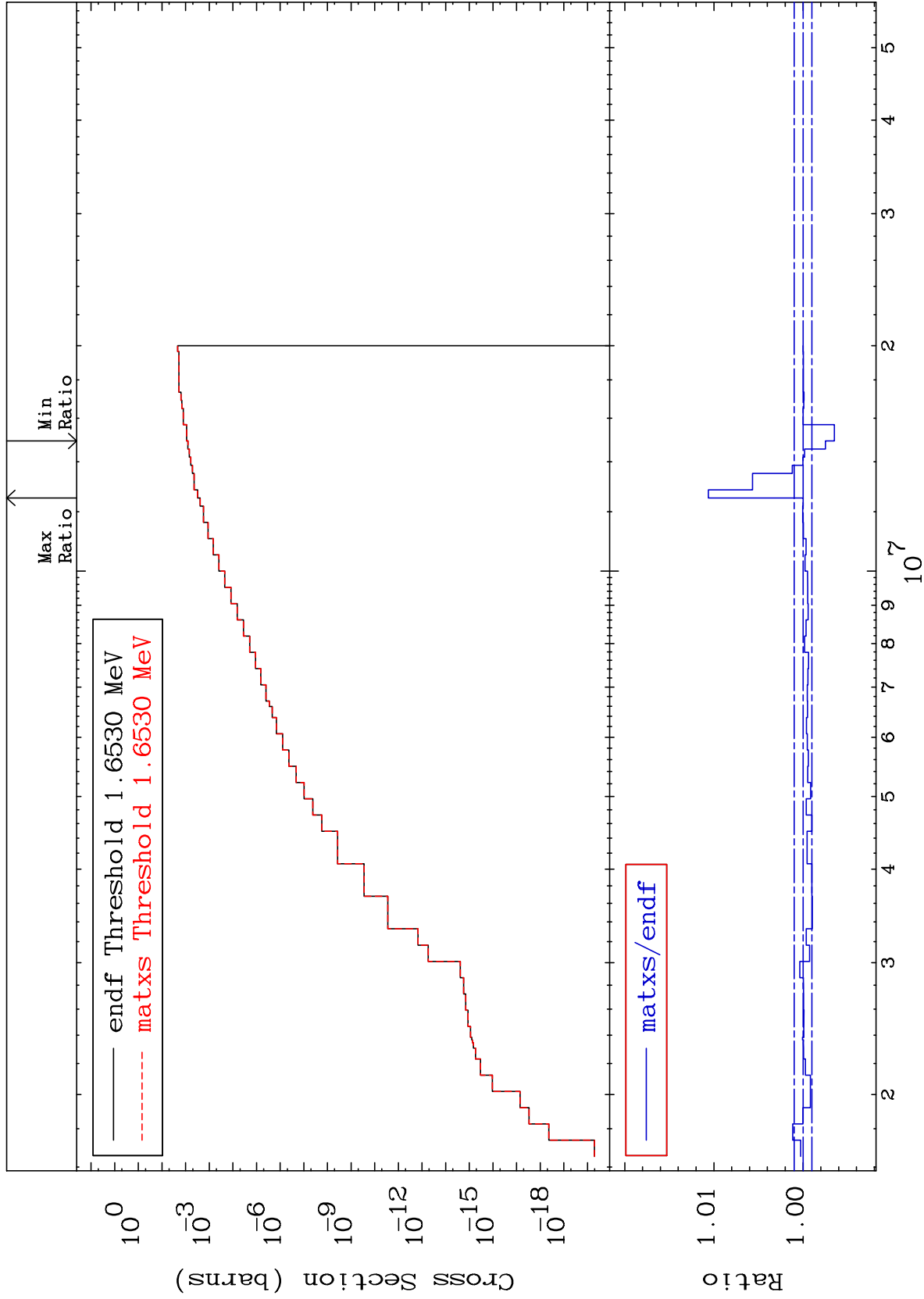
Cross Section

-0.276 To 0.191 %



MAT 6437

(n,p)
Cross Section
64-Gd-156
-0.351 To 1.061 %



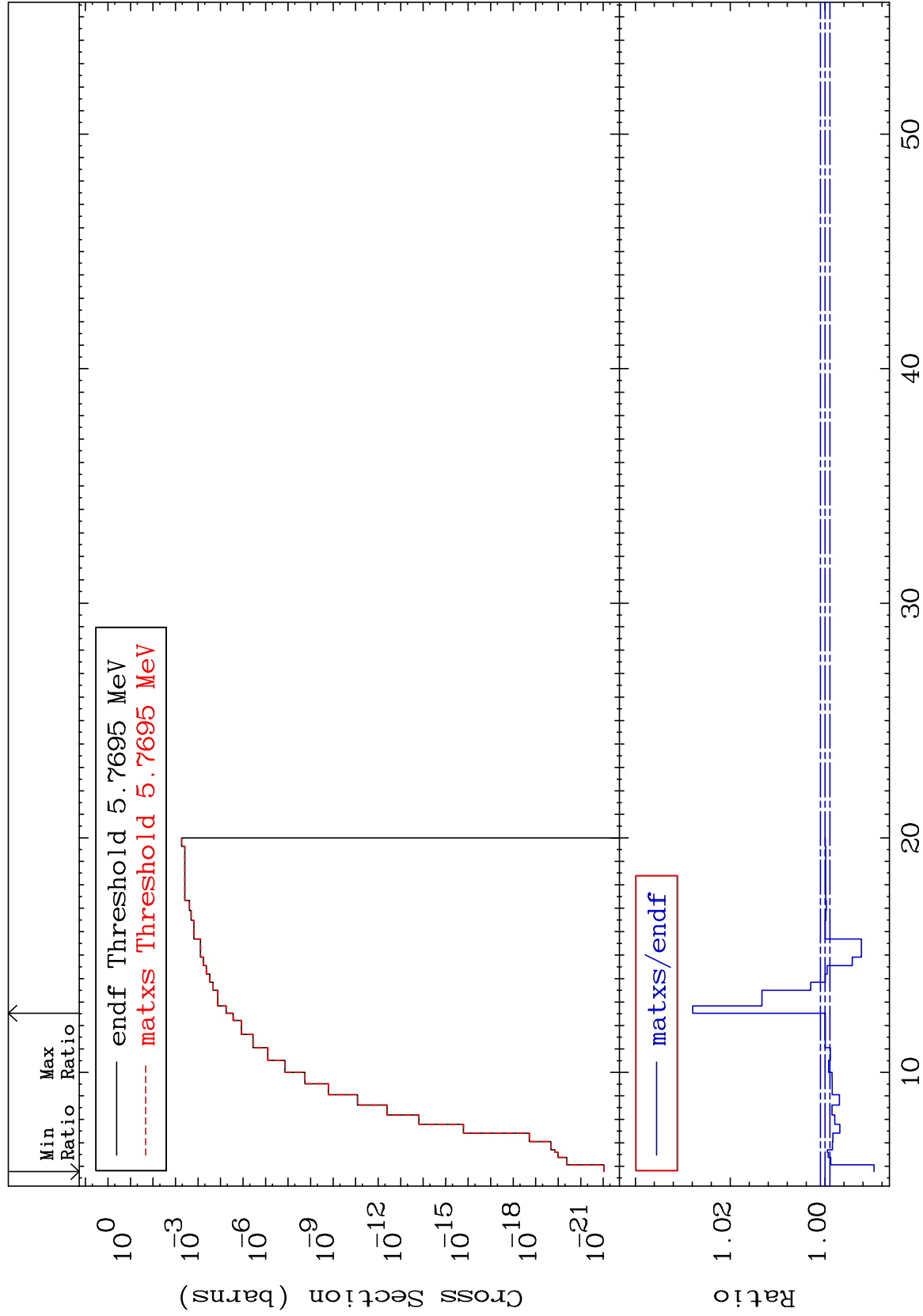
45

64-Gd-156

MAT 6437

(n, d)
Cross Section

64-Gd-156
-1.031 To 2.791 %



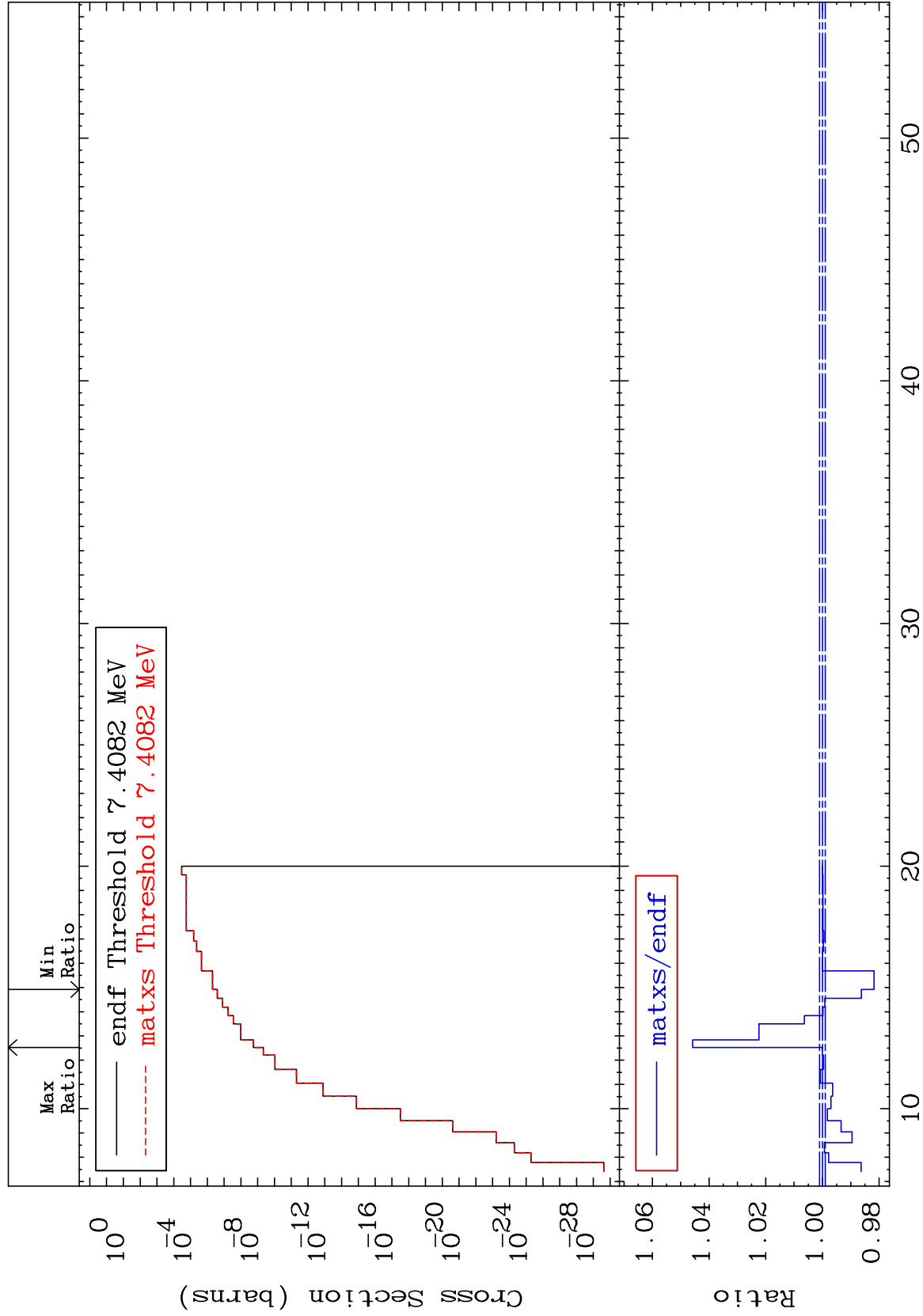
MAT 6437

(n, t)

64-Gd-156

Cross Section

-1.820 To 4.576 %



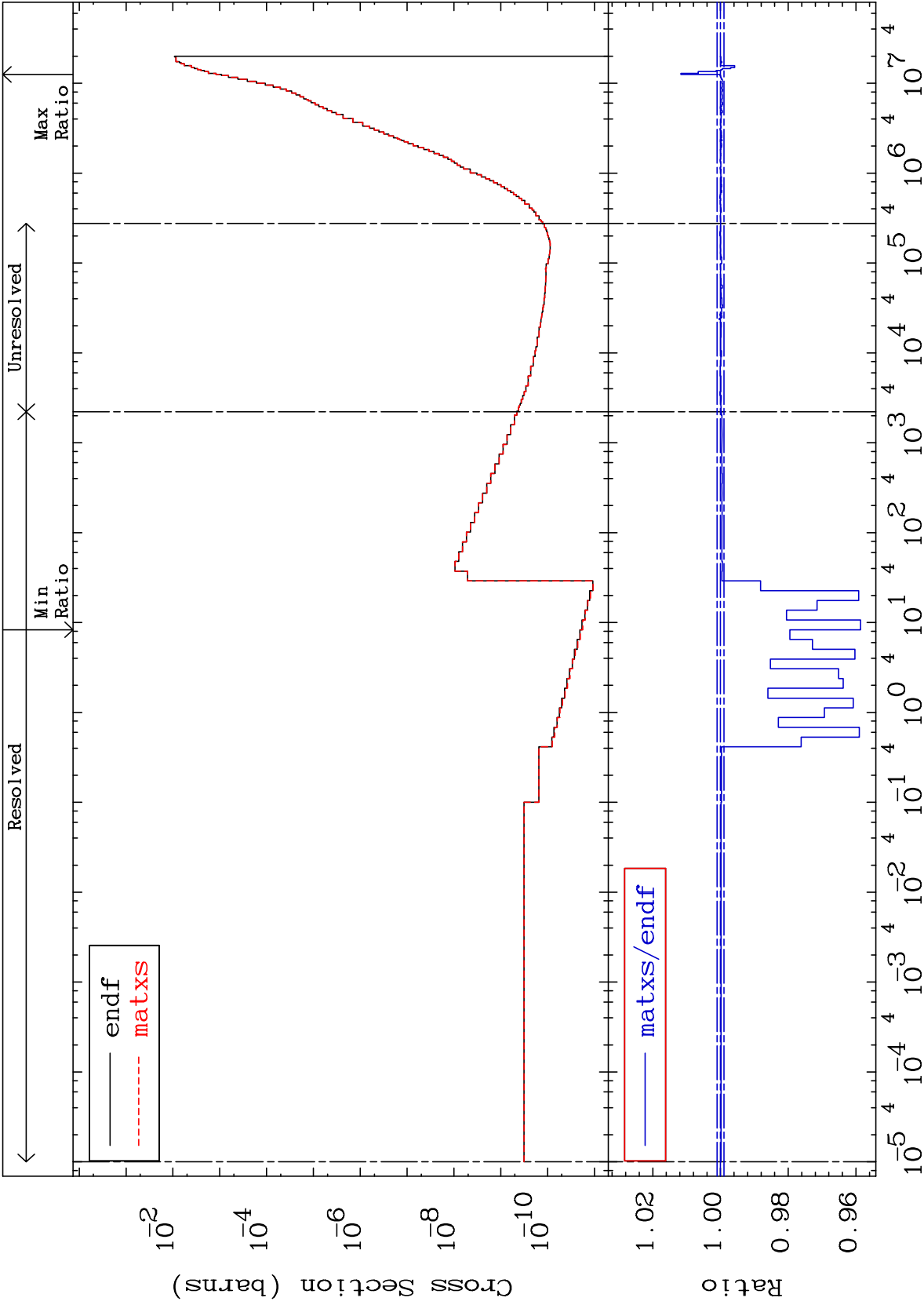
MAT 6437

(n, α)

64-Gd-156

Cross Section

-4.136 To 1.169 %



48

Incident Energy (eV)

64-Gd-156