

Program Complot
(Version 2015-2)

by

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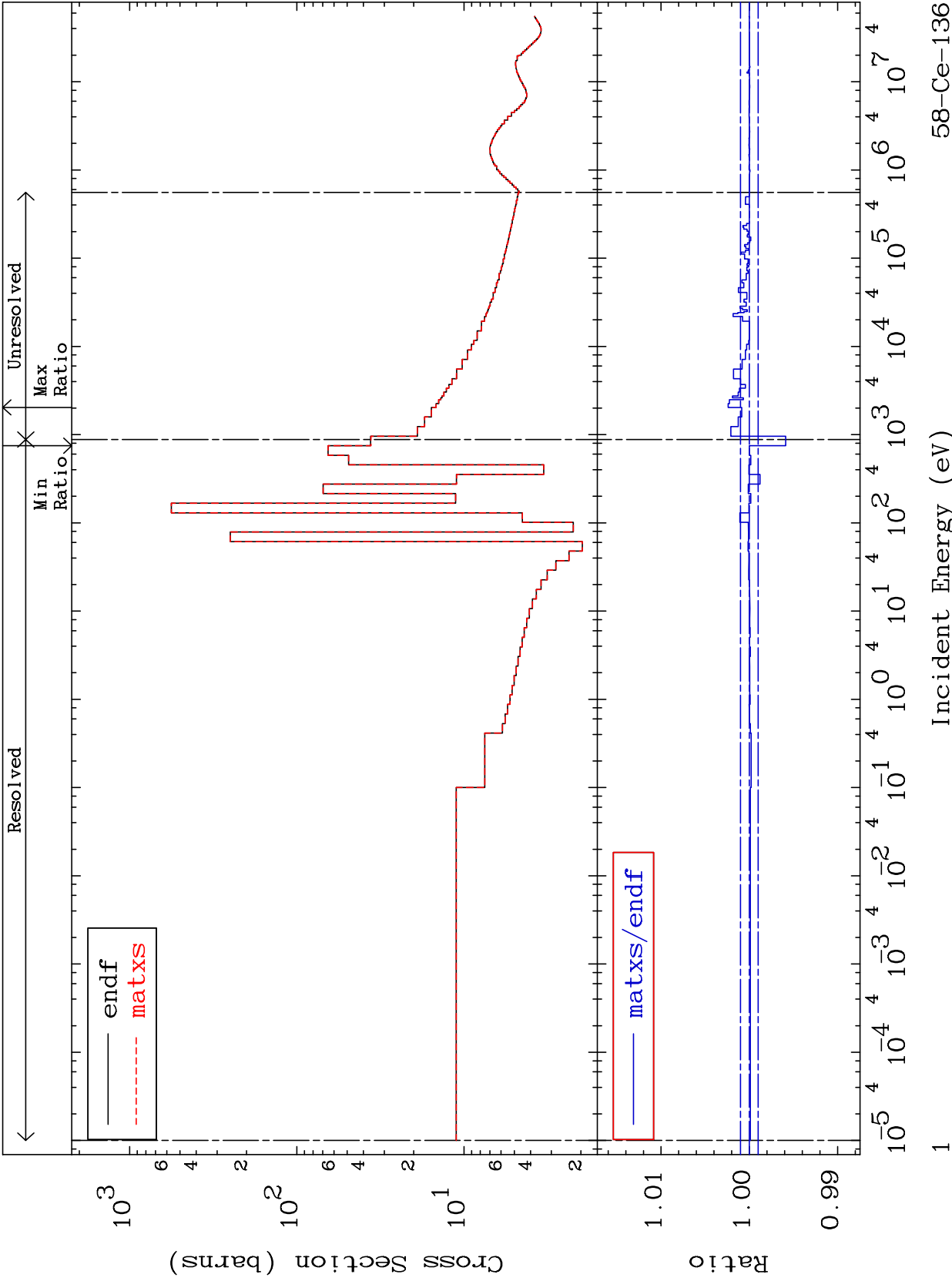
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5825

Total
Cross Section

58-Ce-136
-0.411 To 0.241 %

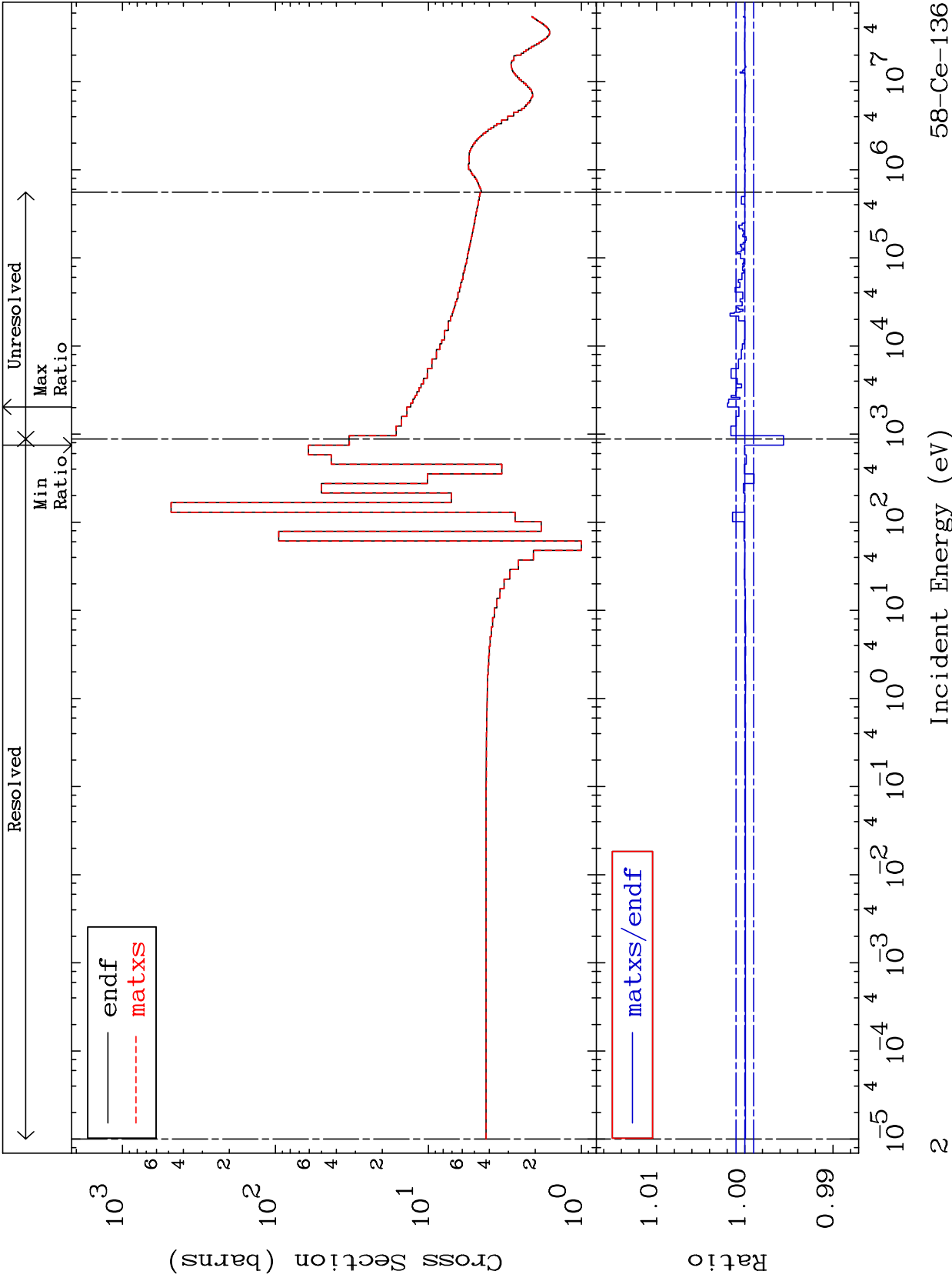


58-Ce-136

MAT 5825

Elastic
Cross Section

58-Ce-136
-0.440 To 0.196 %



2

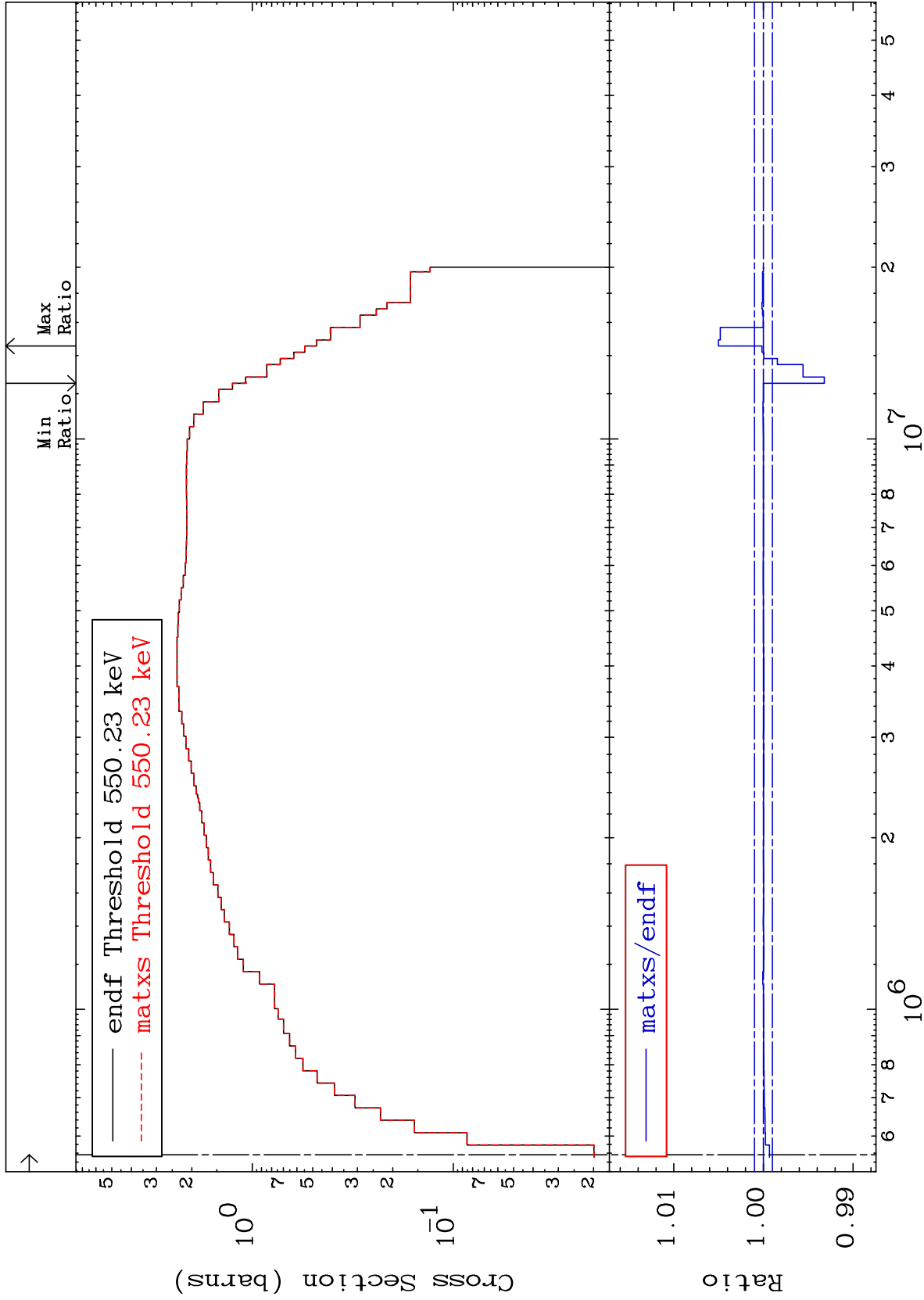
Incident Energy (eV)

58-Ce-136

MAT 5825

Inelastic
Cross Section

58-Ce-136
-0.678 To 0.504 %



3

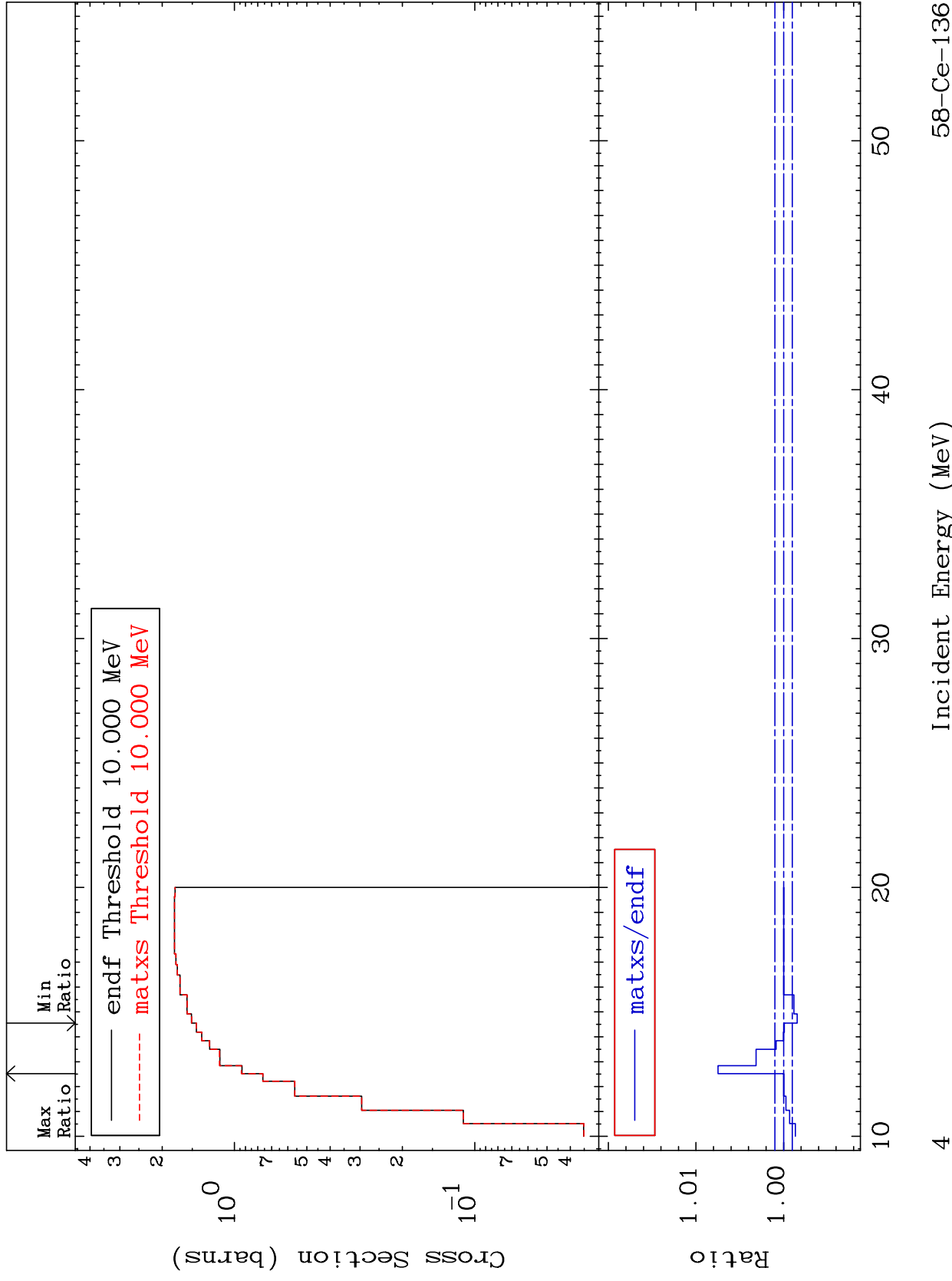
Incident Energy (eV)

58-Ce-136

MAT 5825

(n,2n)
Cross Section

58-Ce-136
-0.155 To 0.748 %



4

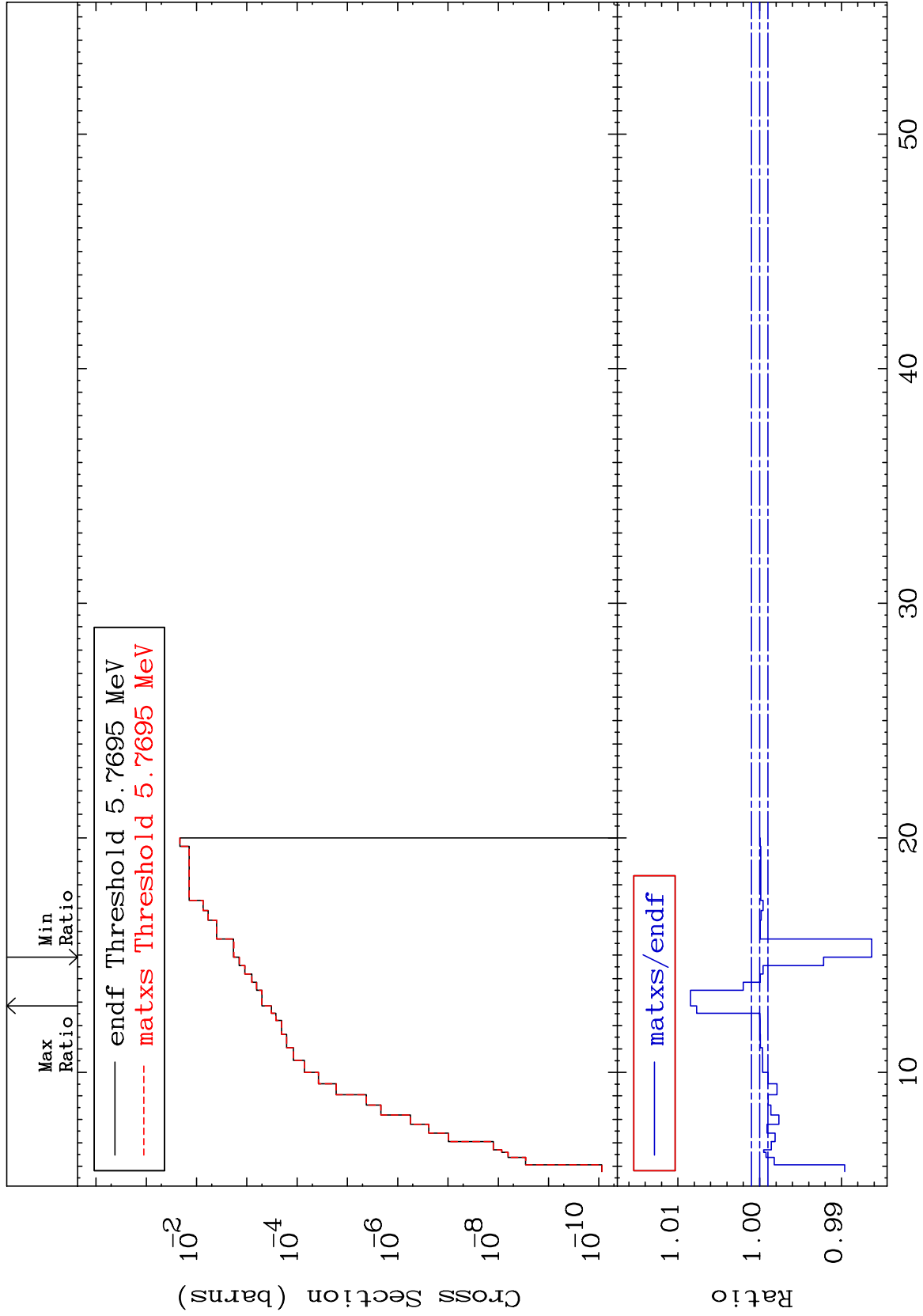
Incident Energy (MeV)

58-Ce-136

MAT 5825

(n, n') α
Cross Section

58-Ce-136
-1.370 To 0.846 %



5

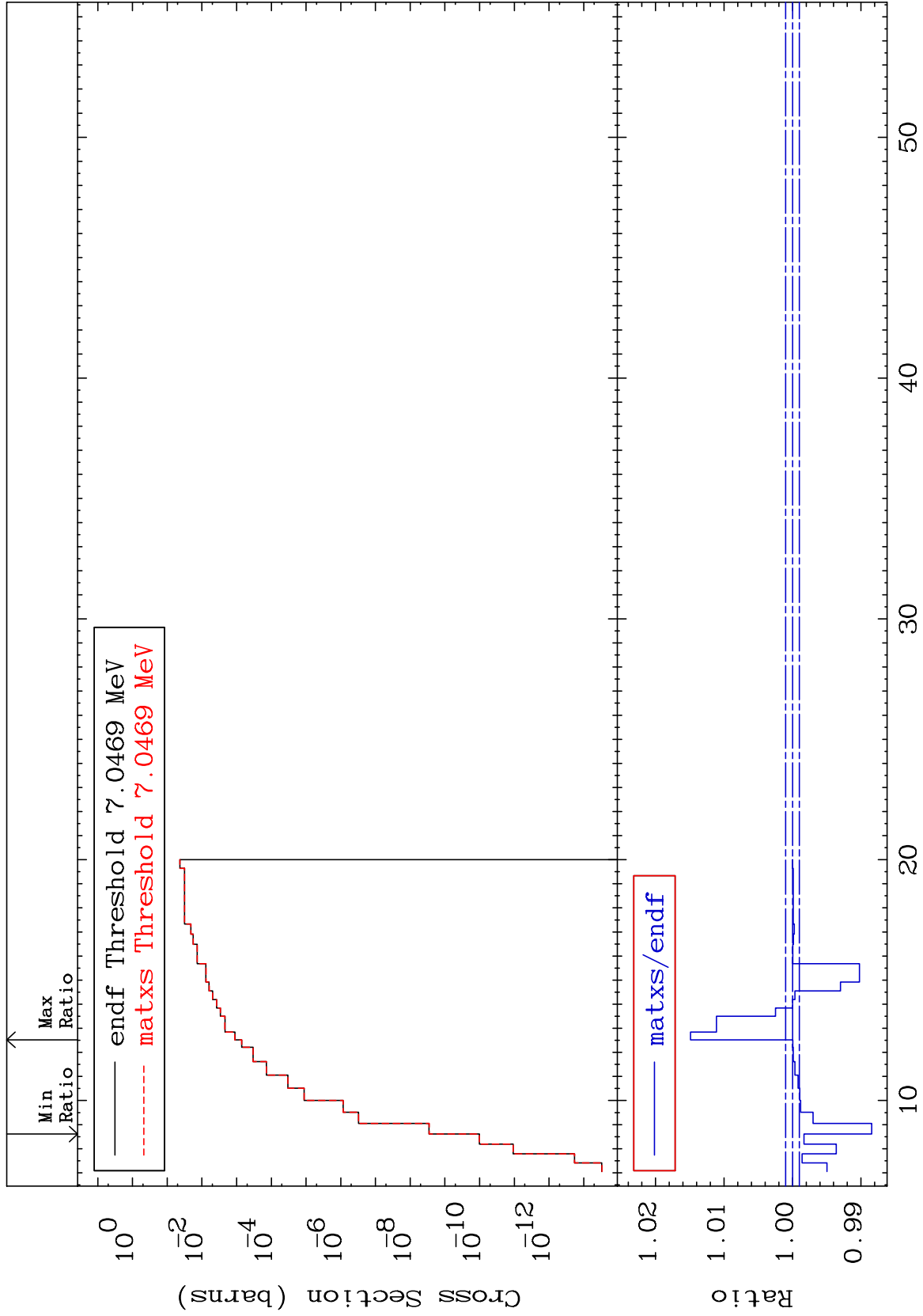
Incident Energy (MeV)

58-Ce-136

MAT 5825

(n, n') p
Cross Section

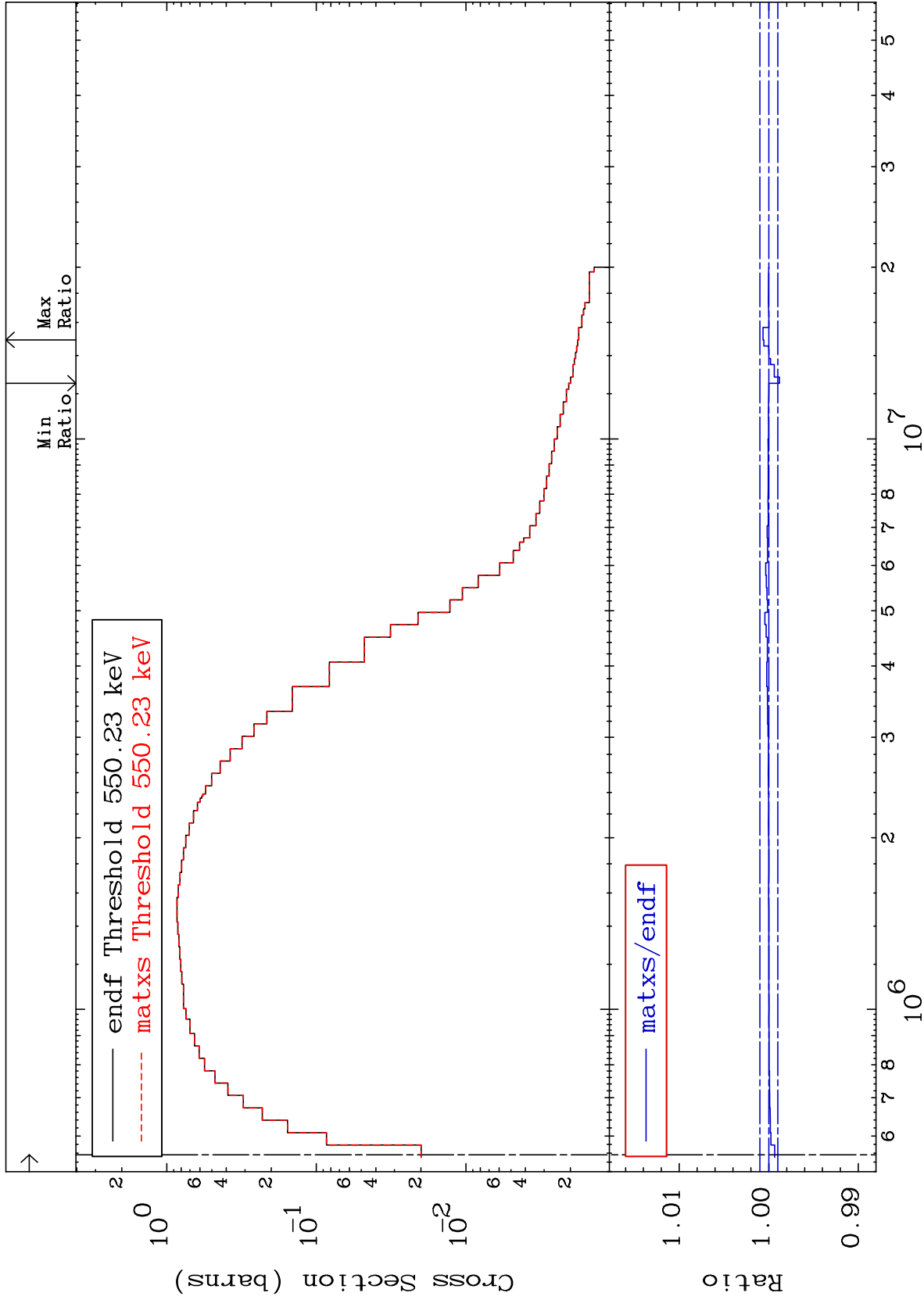
58-Ce-136
-1.156 To 1.489 %



MAT 5825

552.2 keV (n,n') Level
Cross Section

58-Ce-136
-0.120 To 0.064 %



7

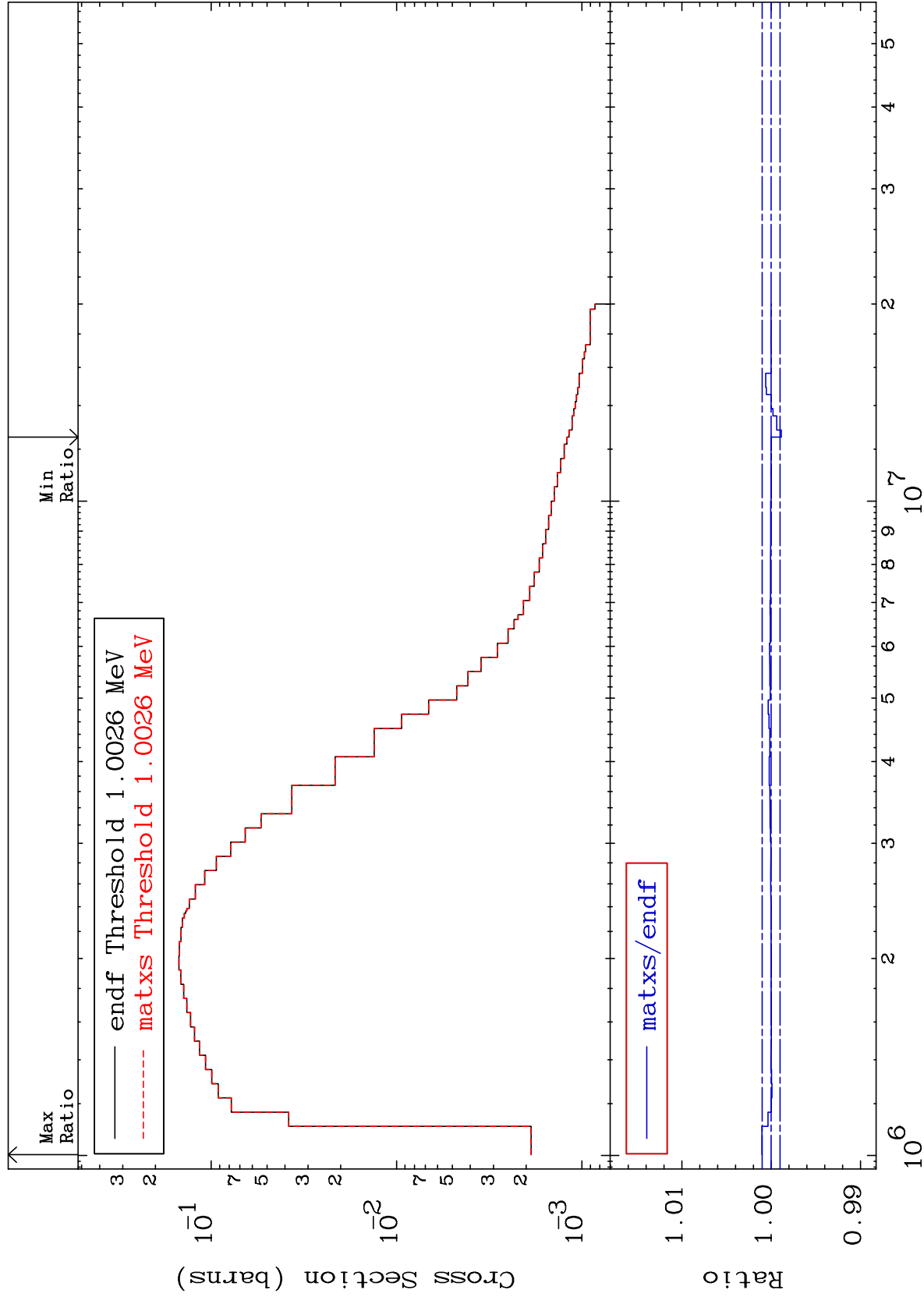
Incident Energy (eV)

58-Ce-136

MAT 5825

1.076 MeV (n,n') Level
Cross Section

58-Ce-136
-0.114 To 0.104 %

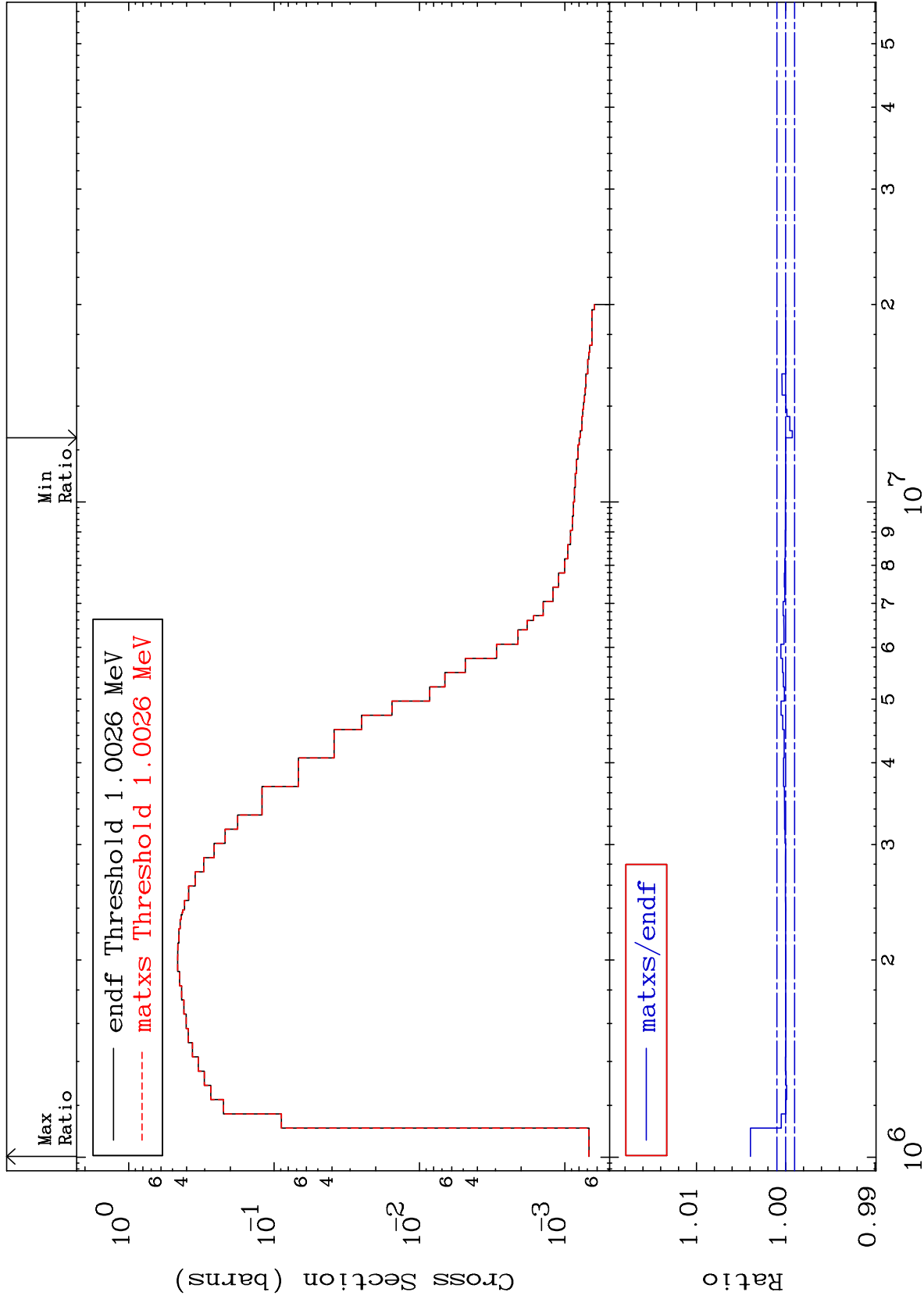


58-Ce-136

MAT 5825

1.092 MeV (n,n') Level
Cross Section

58-Ce-136
-0.073 To 0.394 %

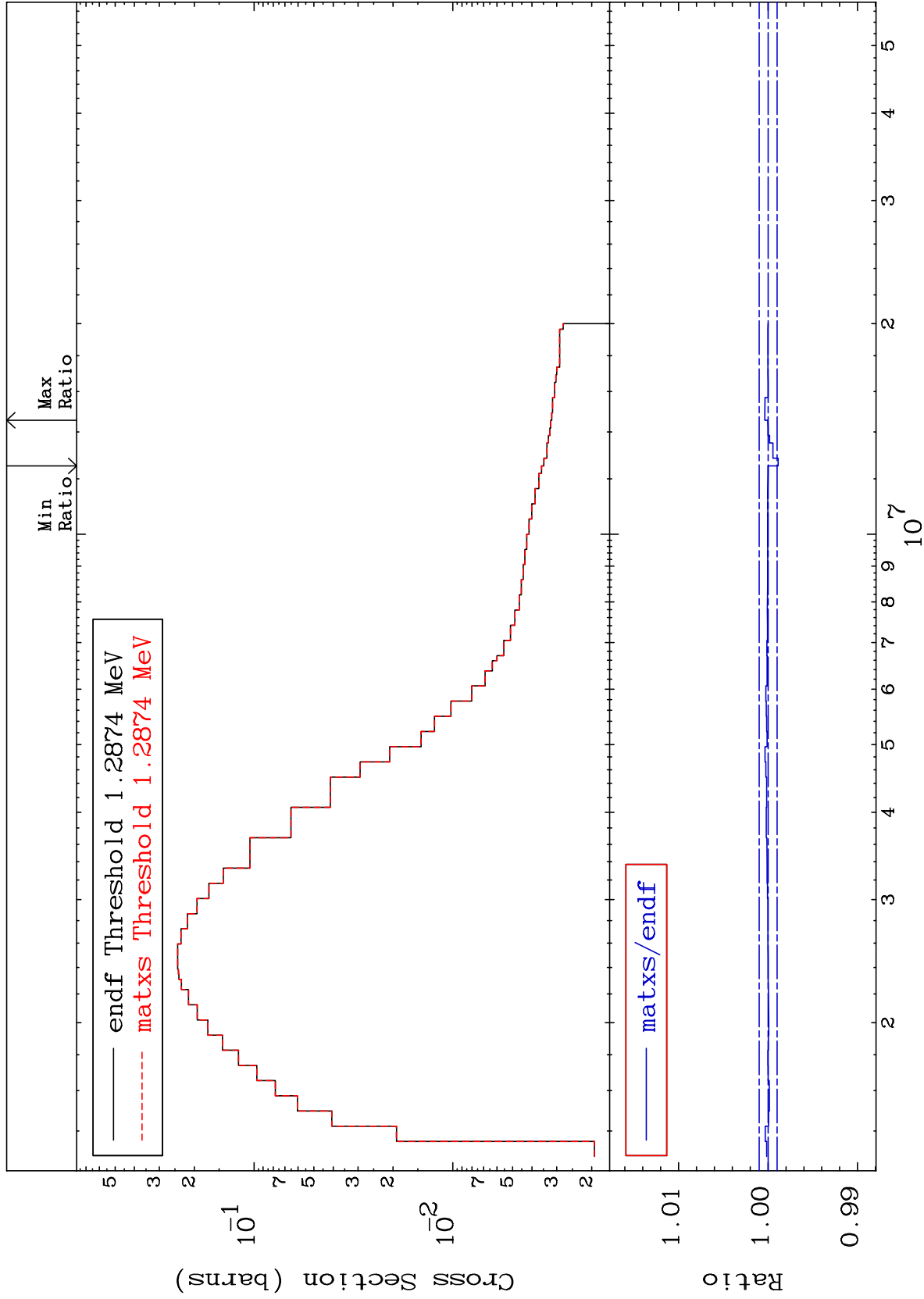


58-Ce-136

MAT 5825

1.314 MeV (n,n') Level
Cross Section

58-Ce-136
-0.112 To 0.038 %

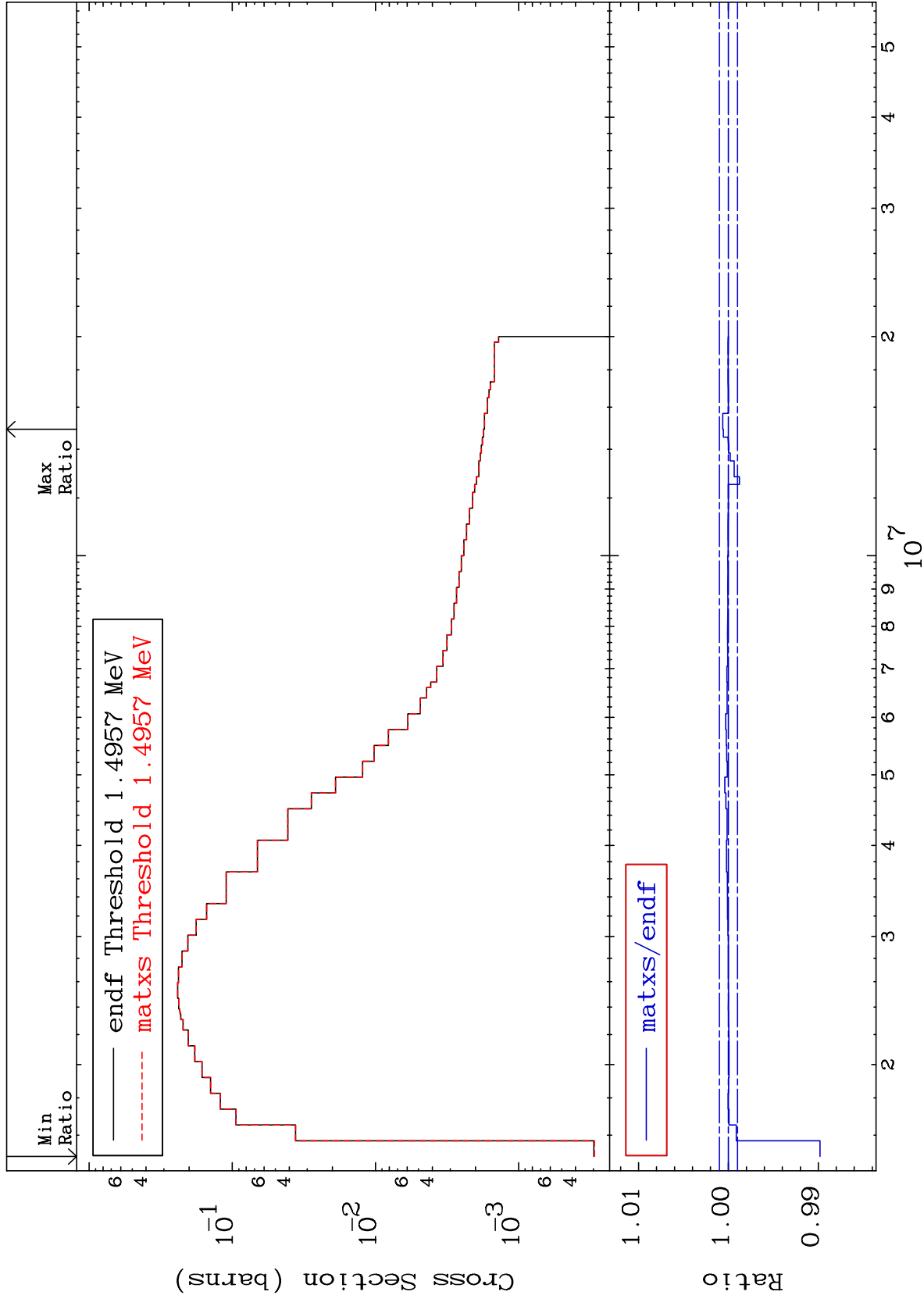


10

Incident Energy (eV)

58-Ce-136

MAT 5825 1.553 MeV (n,n') Level 58-Ce-136
 Cross Section -1.020 To 0.064 %



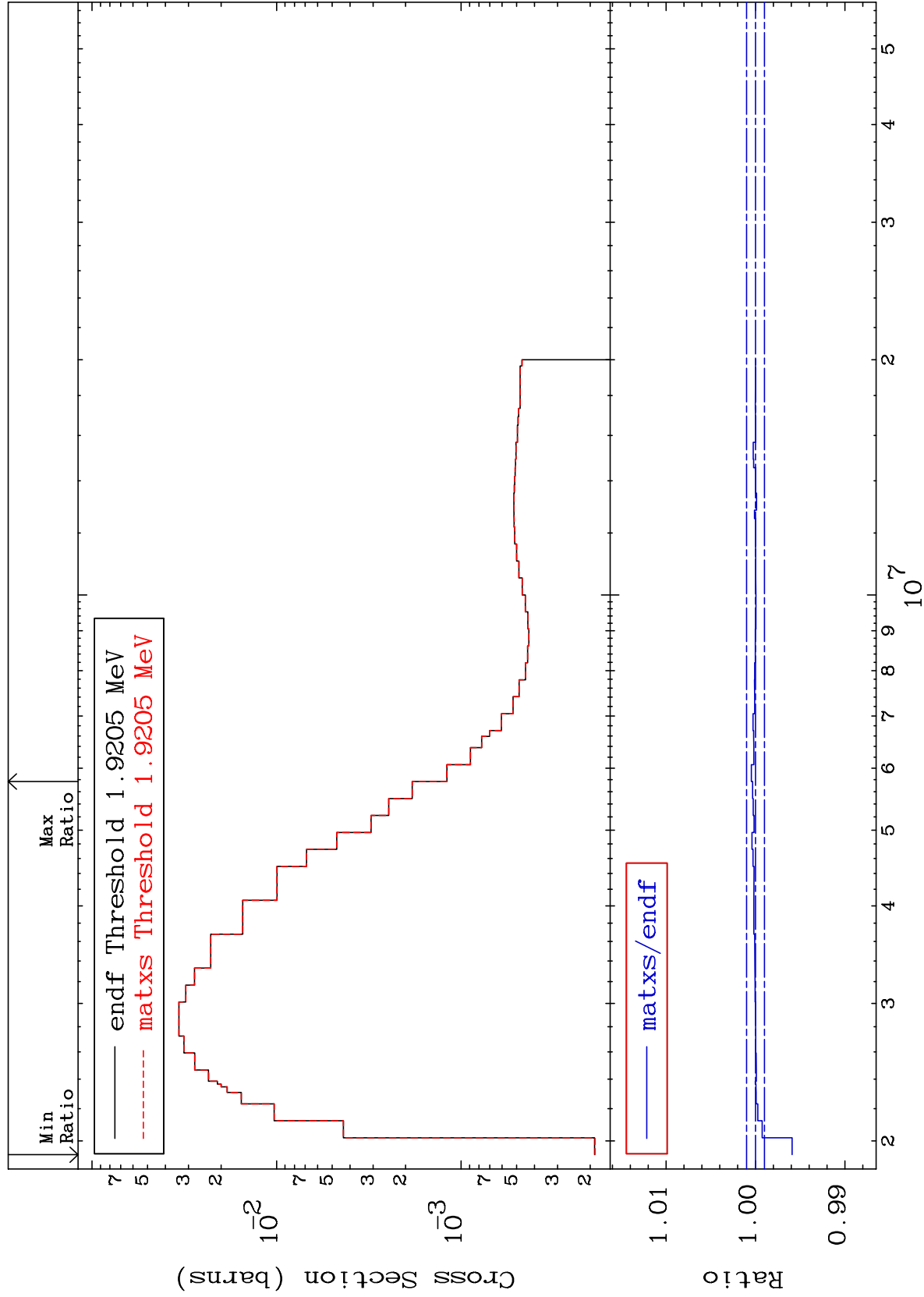
58-Ce-136

Incident Energy (eV)

MAT 5825

1.979 MeV (n,n') Level
Cross Section

58-Ce-136
-0.409 To 0.047 %



12

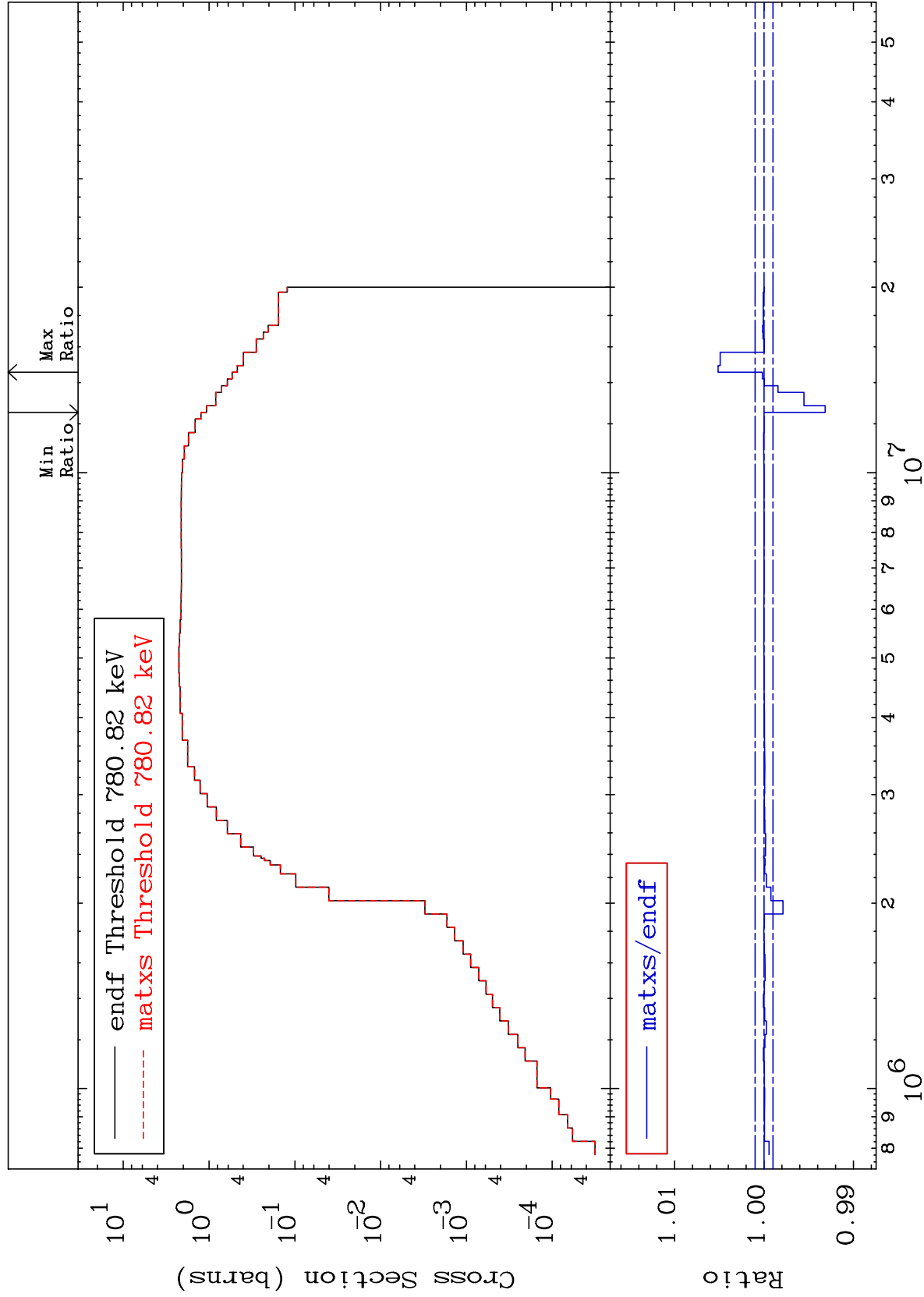
Incident Energy (eV)

58-Ce-136

MAT 5825

(n,n') Continuum
Cross Section

58-Ce-136
-0.684 To 0.513 %



13

Incident Energy (eV)

58-Ce-136

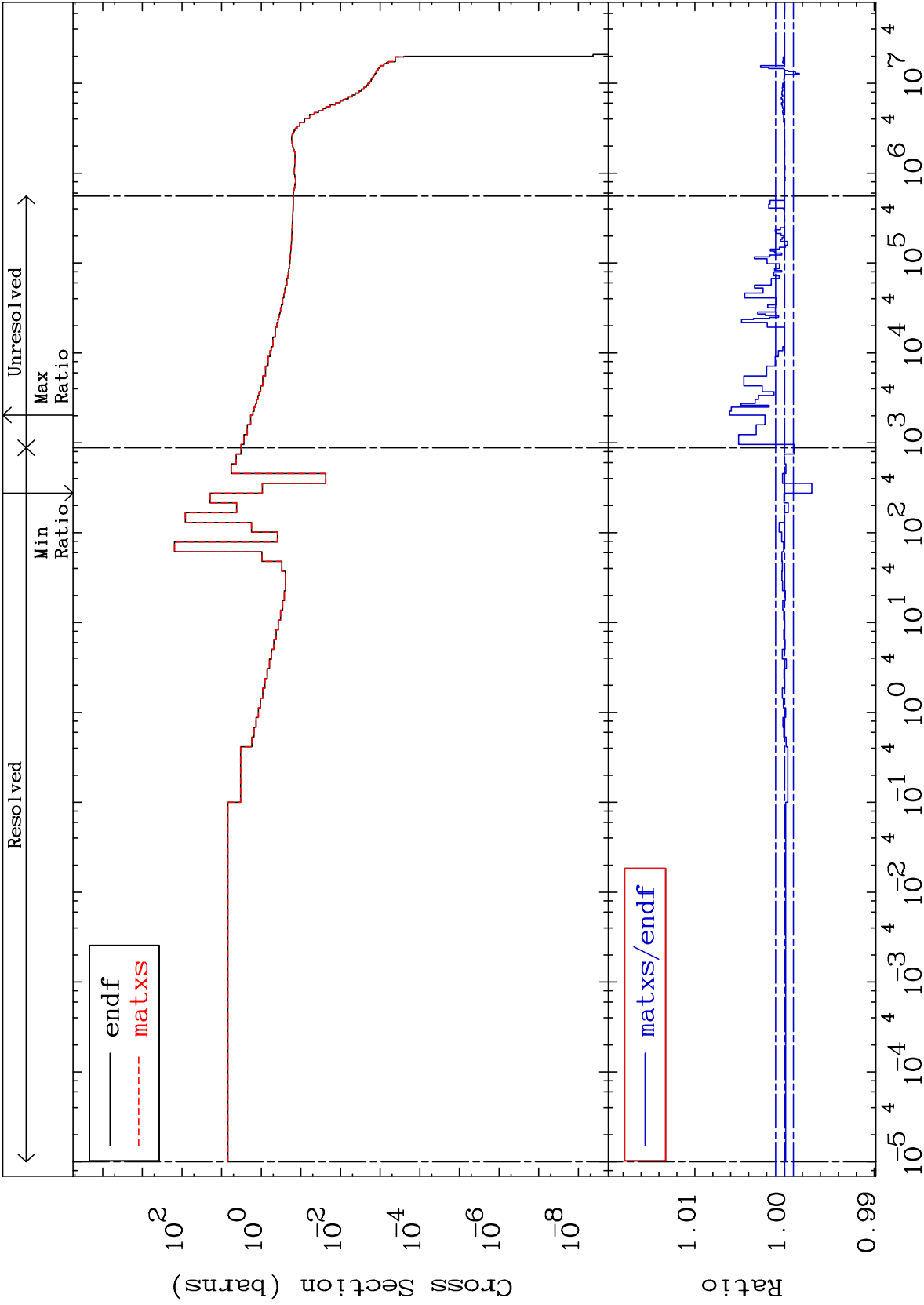
MAT 5825

(n, γ)

58-Ce-136

Cross Section

-0.304 To 0.612 %



14

Incident Energy (eV)

58-Ce-136

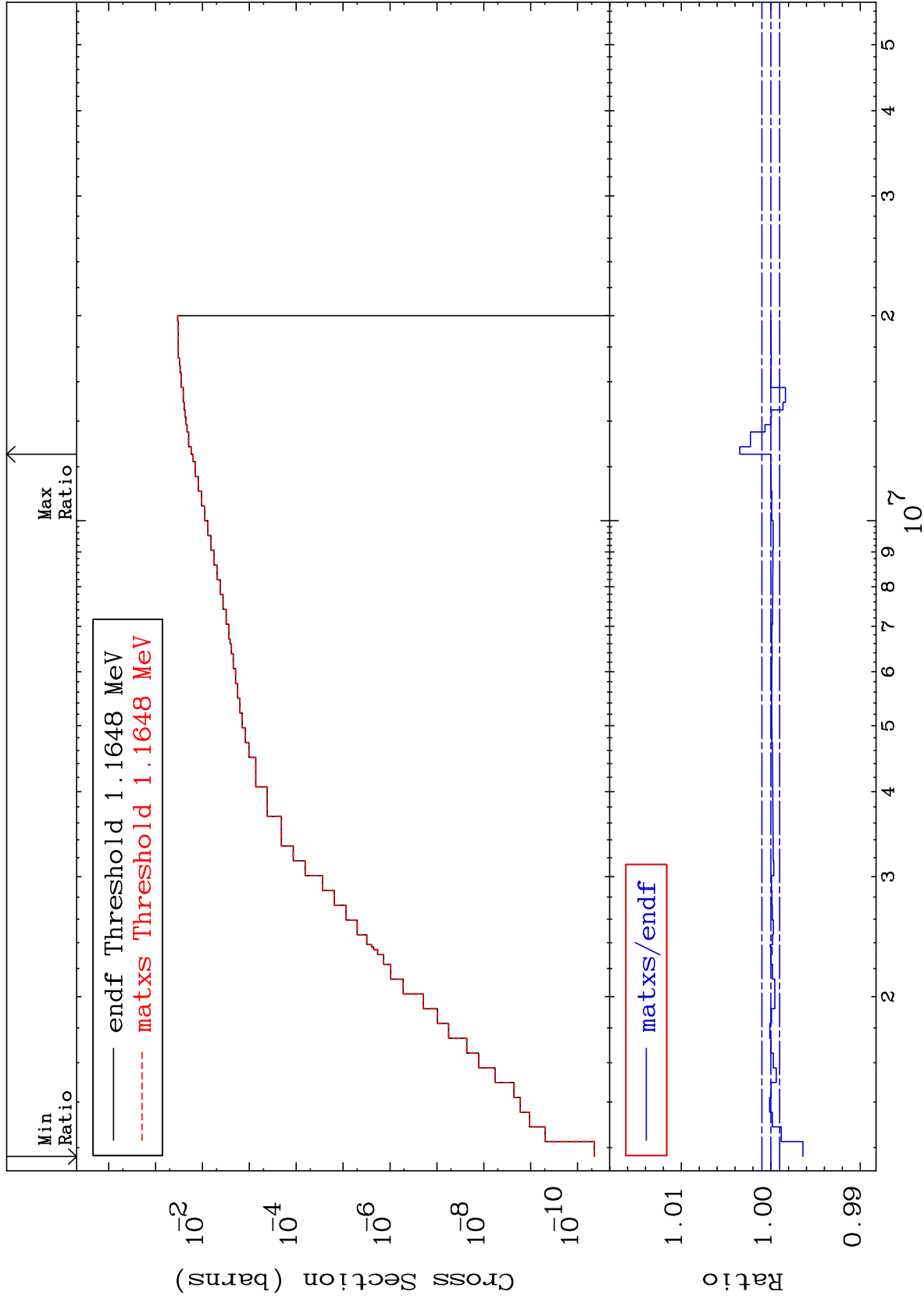
MAT 5825

(n,p)

58-Ce-136

Cross Section

-0.360 To 0.345 %



15

Incident Energy (eV)

58-Ce-136

MAT 5825

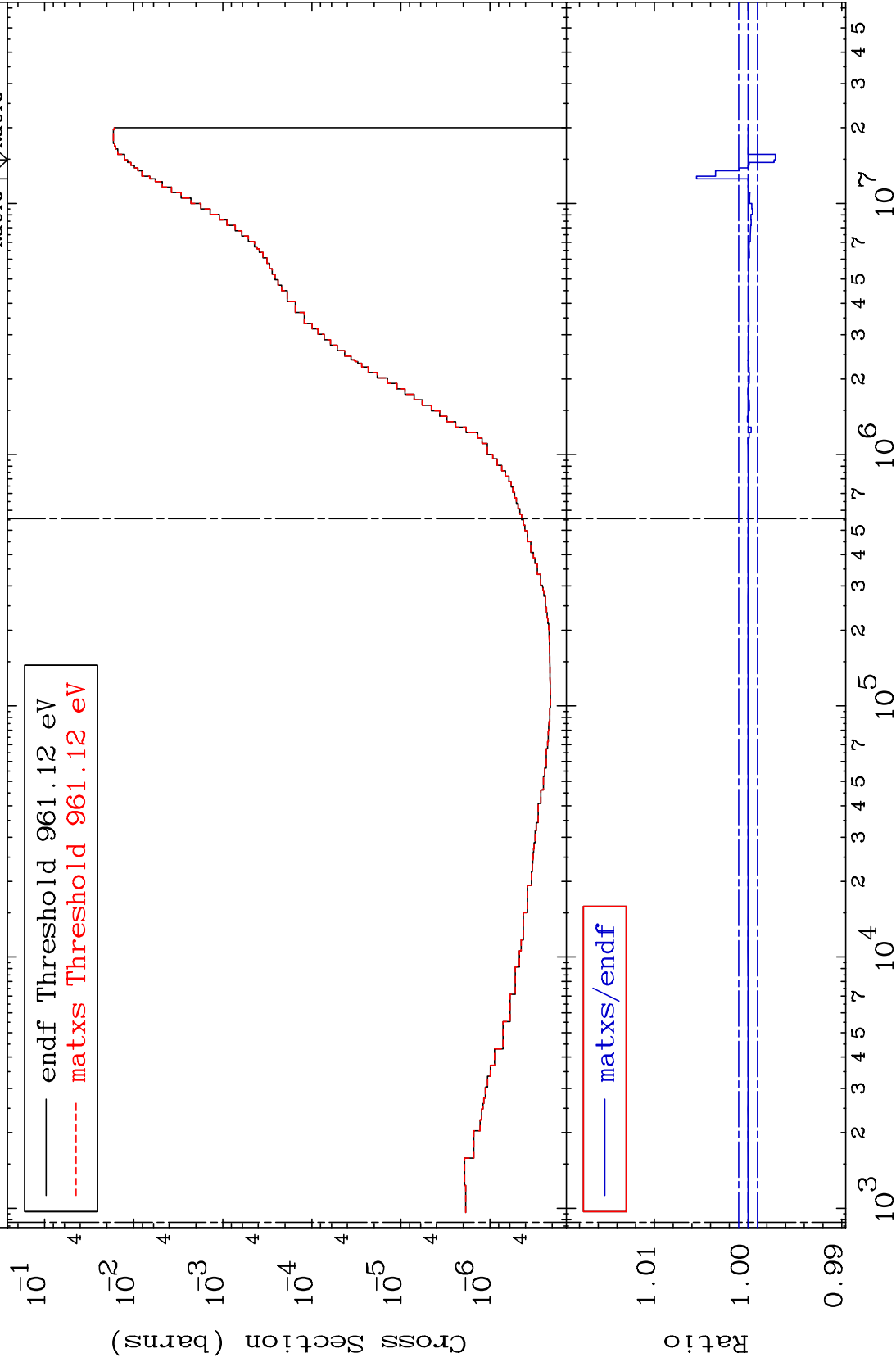
(n, α)

58-Ce-136

Cross Section

-0.292 To 0.550 %

Unresolved



Incident Energy (eV)

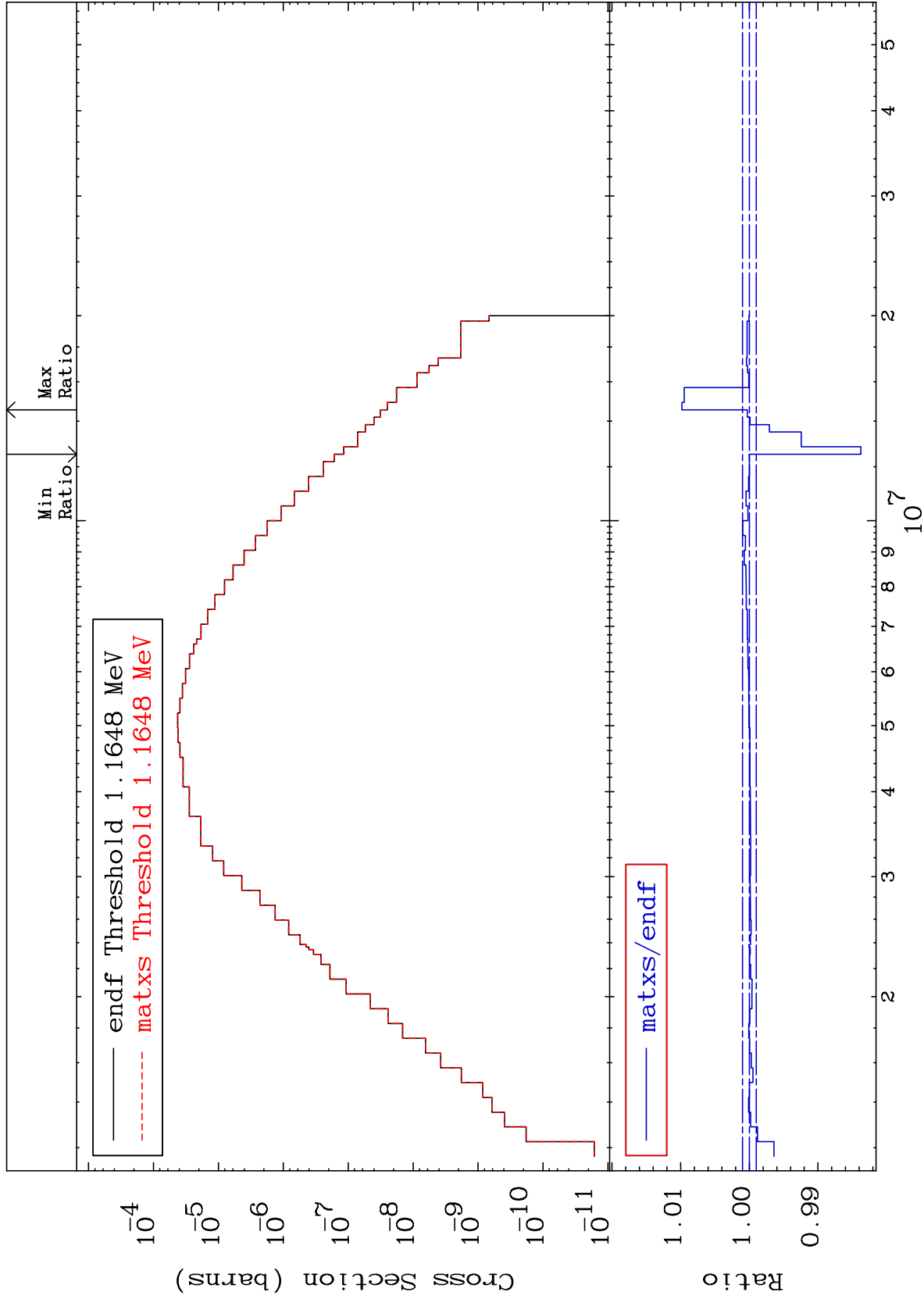
58-Ce-136

16

MAT 5825

(n, p') Ground
Cross Section

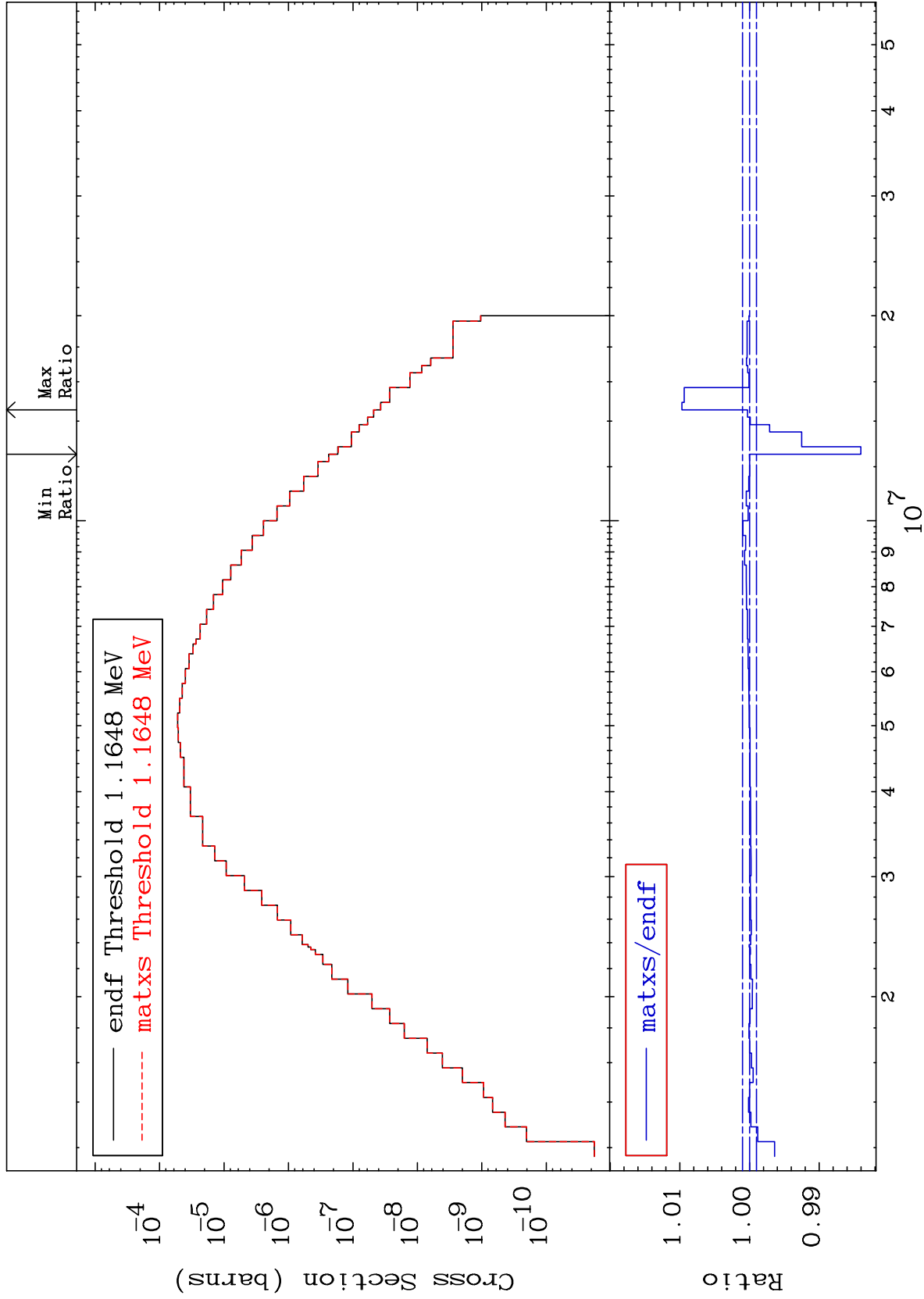
58-Ce-136
-1.624 To 0.981 %



MAT 5825

21.80 keV (n,p') Level
Cross Section

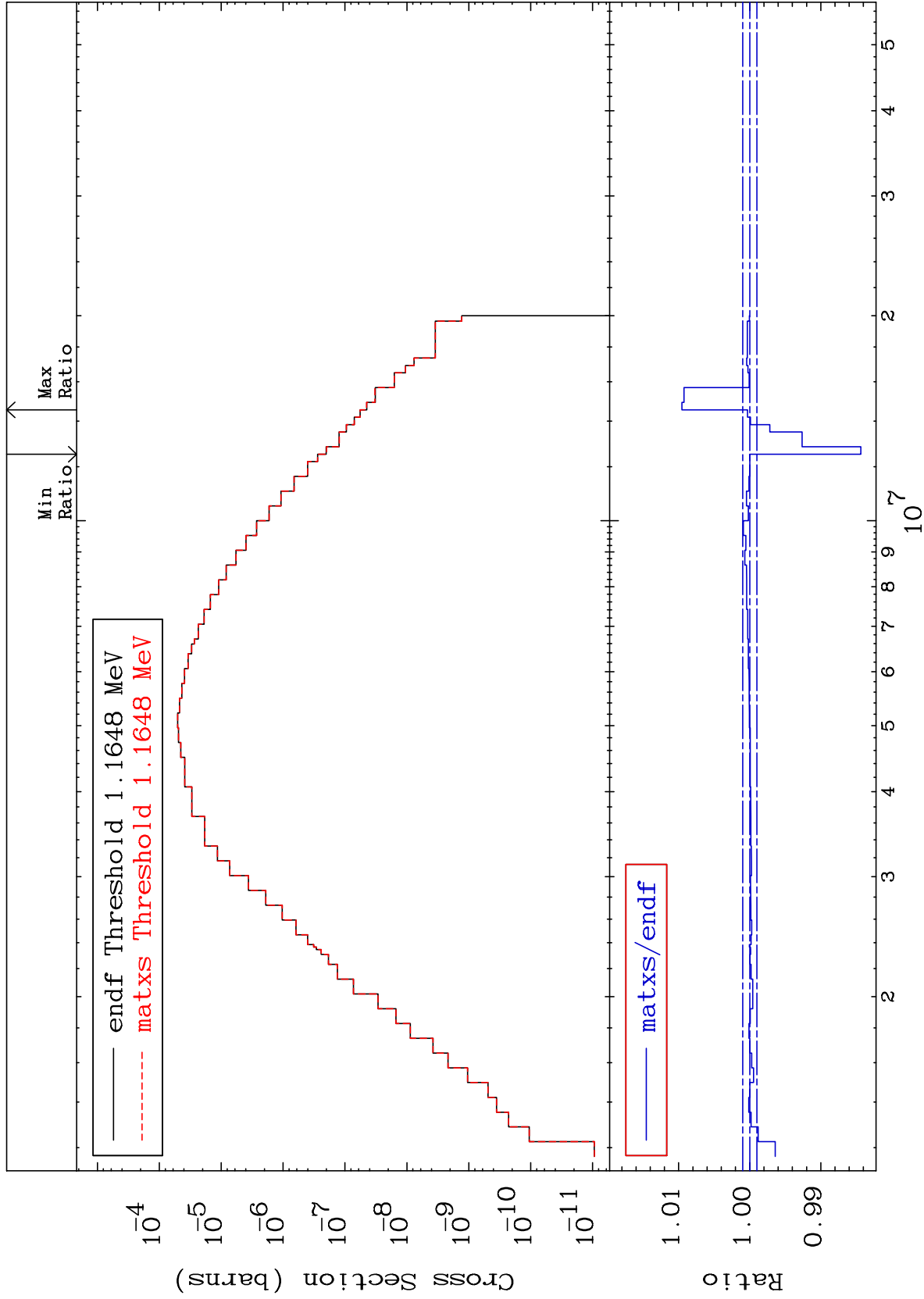
58-Ce-136
-1.598 To 0.970 %



MAT 5825

44.30 keV (n,p') Level
Cross Section

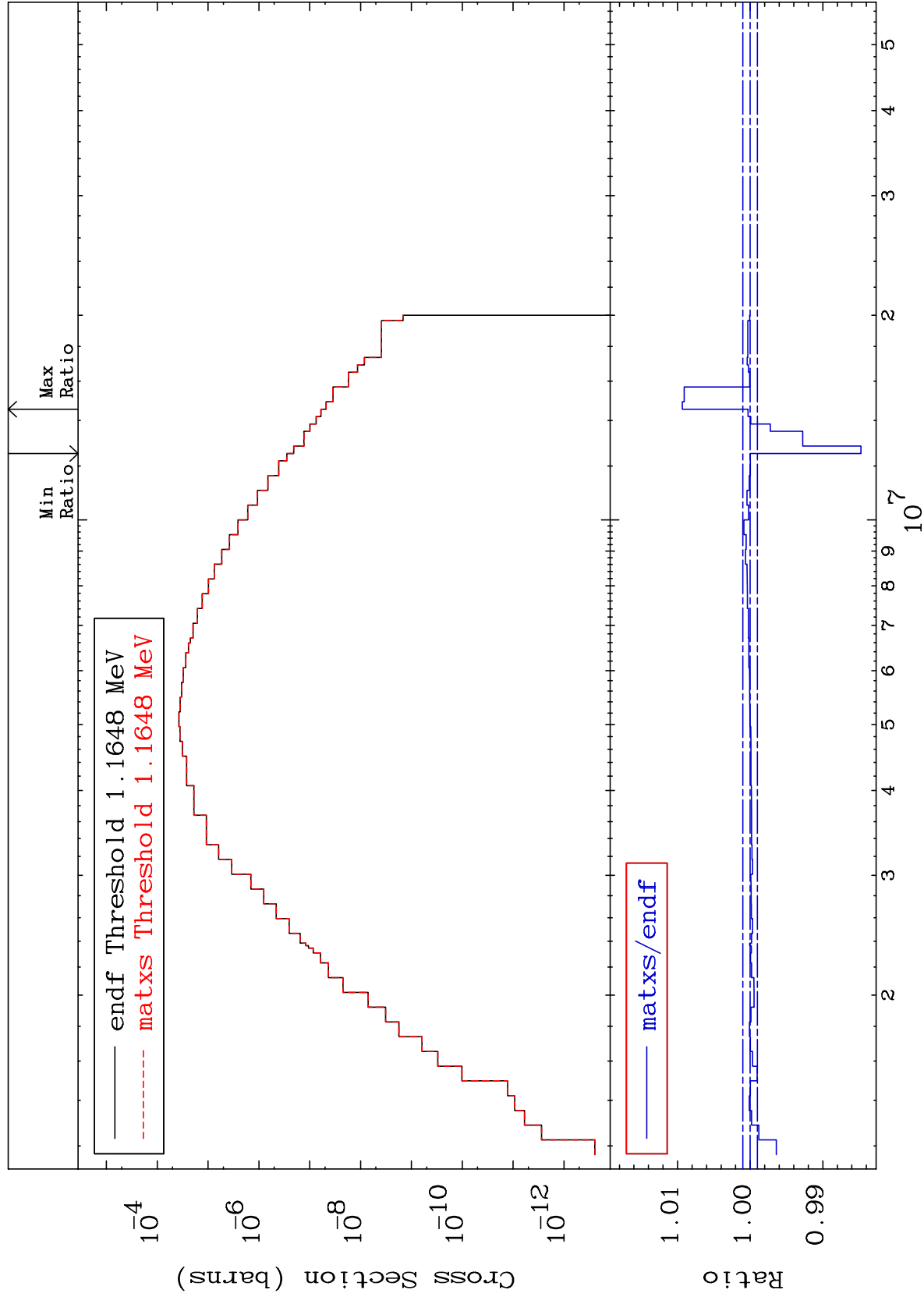
58-Ce-136
-1.563 To 0.954 %



MAT 5825

140.0 keV (n,p') Level
Cross Section

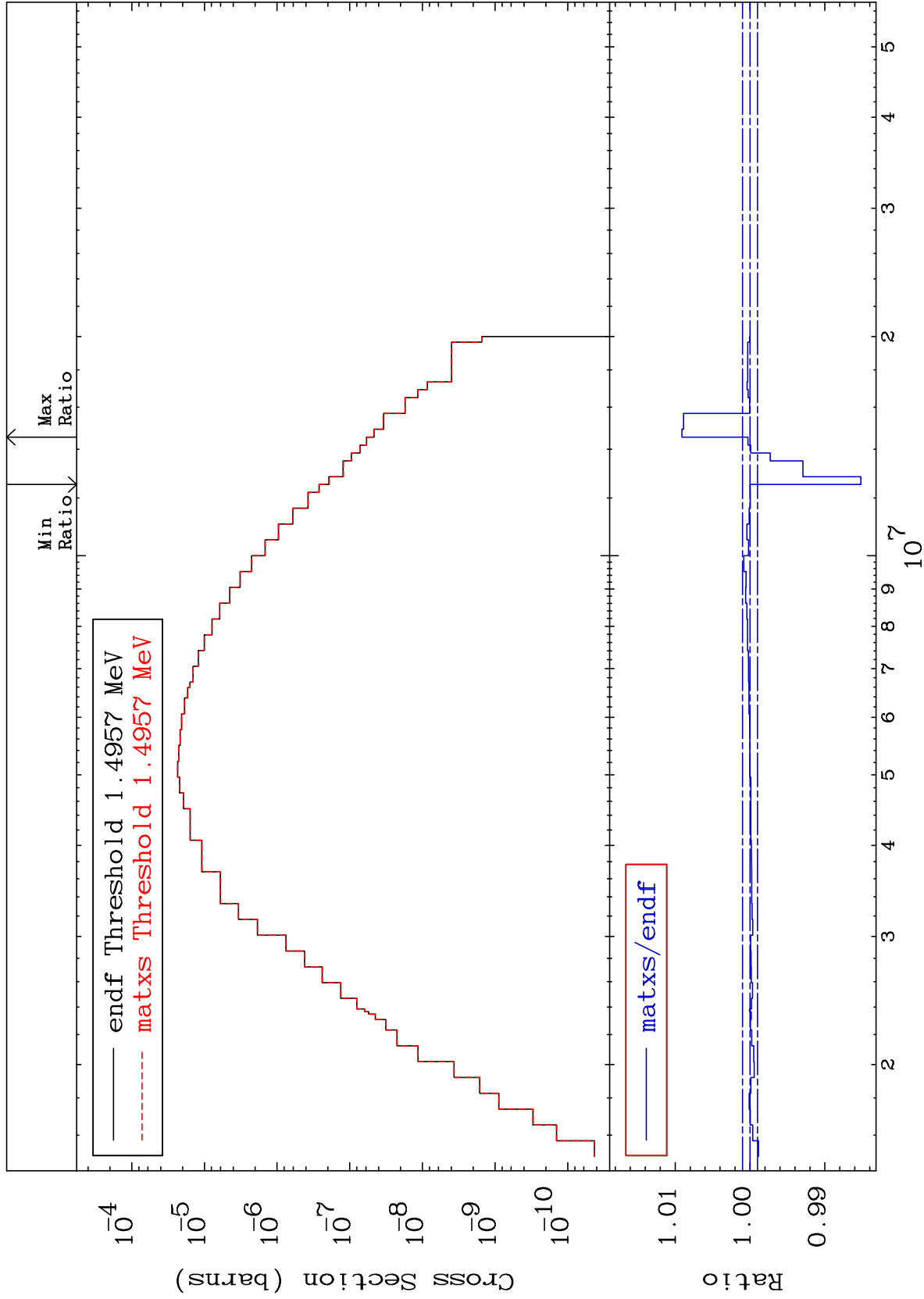
58-Ce-136
-1.525 To 0.933 %



MAT 5825

158.3 keV (n,p') Level
Cross Section

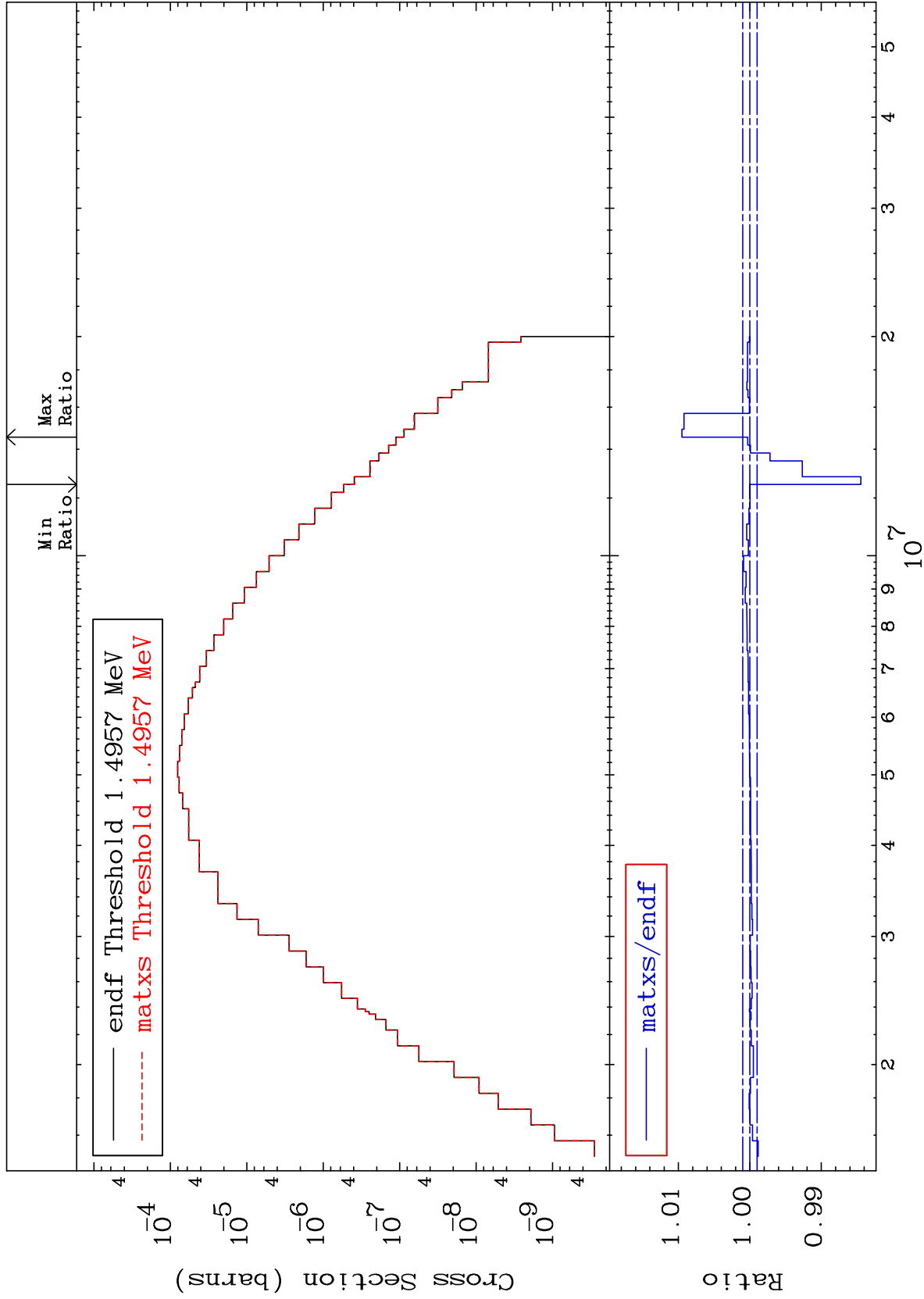
58-Ce-136
-1.480 To 0.910 %



MAT 5825

172.0 keV (n,p') Level
Cross Section

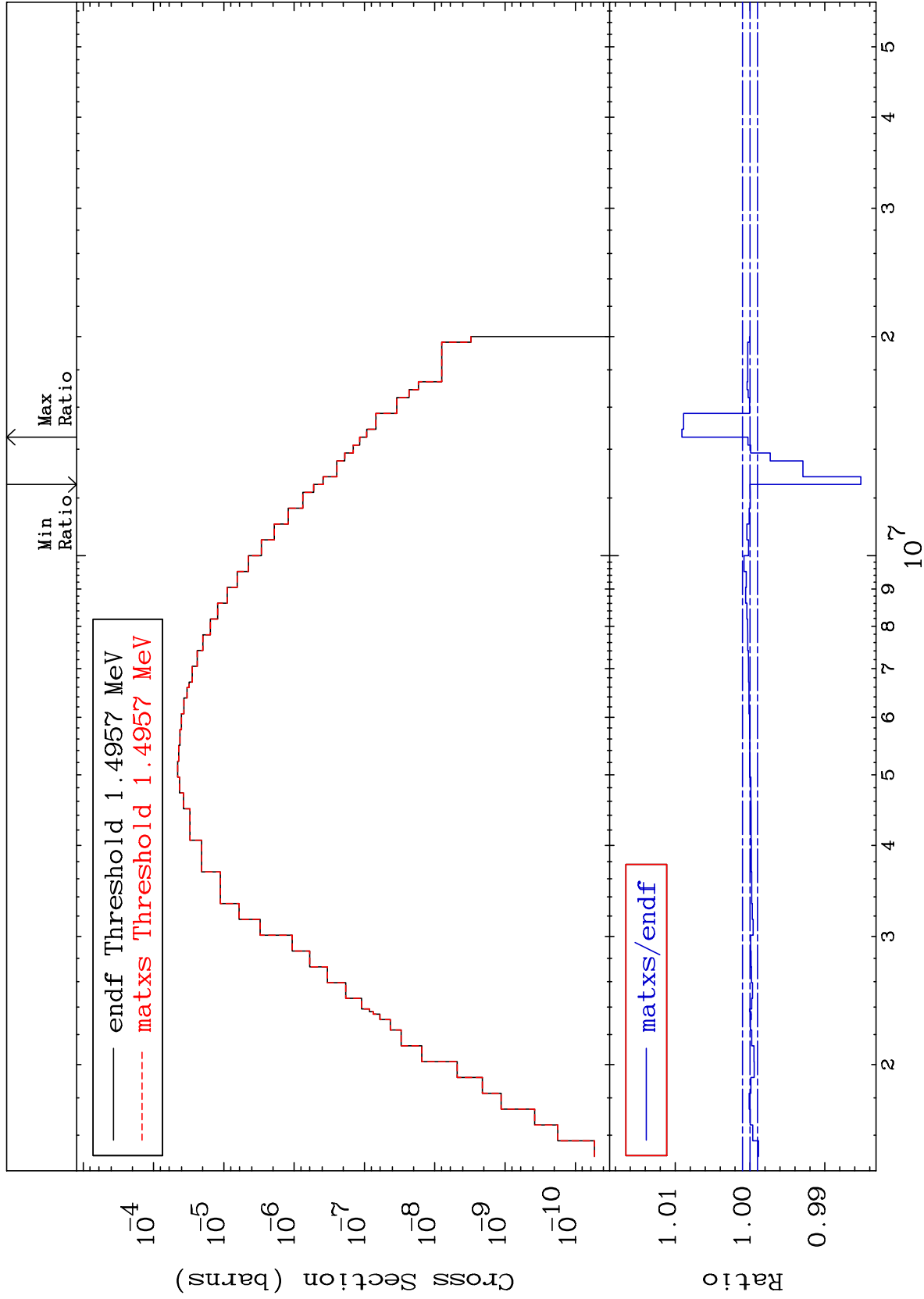
58-Ce-136
-1.553 To 0.951 %



MAT 5825

173.5 keV (n,p') Level
Cross Section

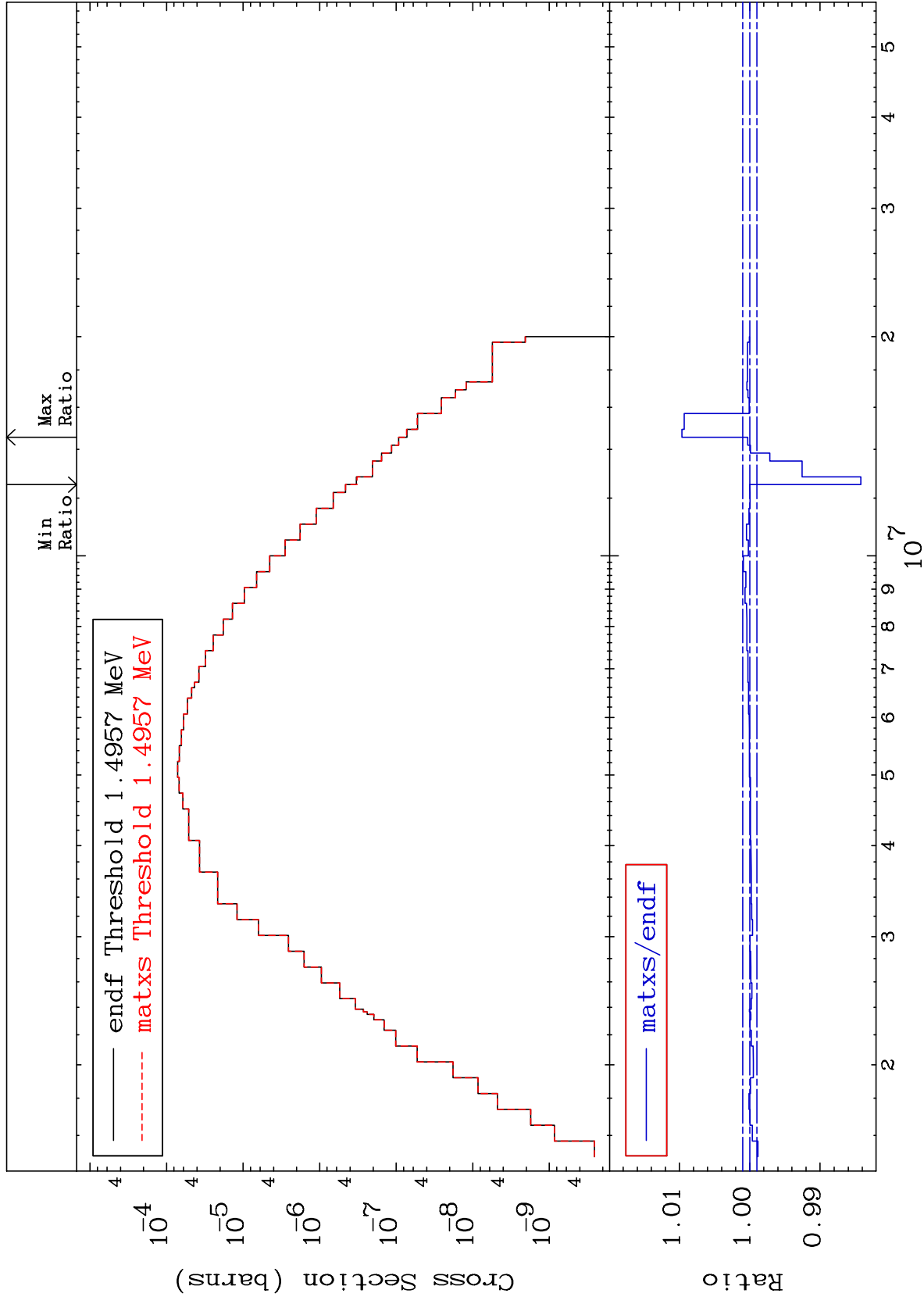
58-Ce-136
-1.480 To 0.910 %



MAT 5825

212.0 keV (n,p') Level
Cross Section

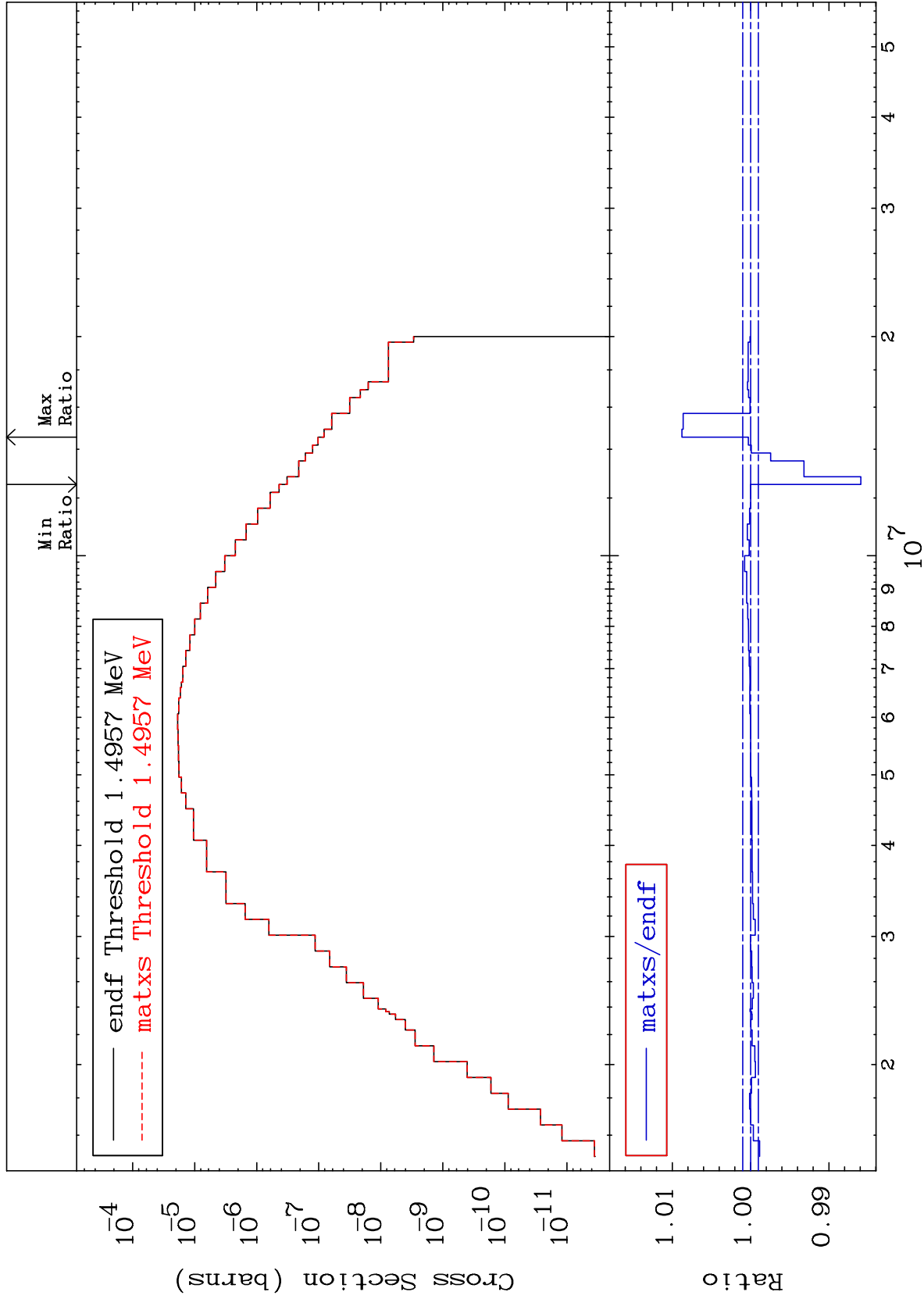
58-Ce-136
-1.579 To 0.965 %



MAT 5825

230.1 keV (n,p') Level
Cross Section

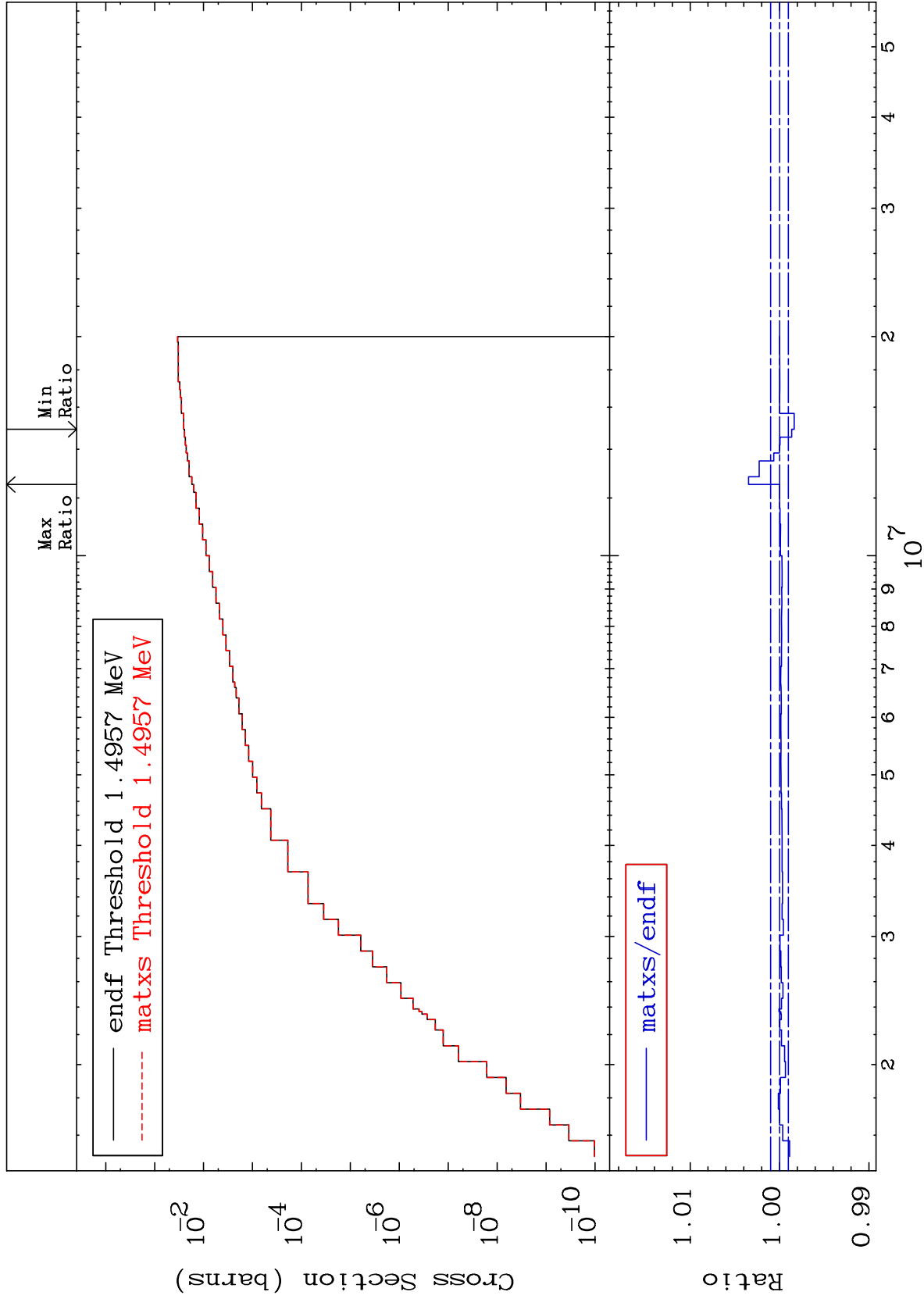
58-Ce-136
-1.408 To 0.876 %



MAT 5825

230.1 keV (n,p') Level
Cross Section

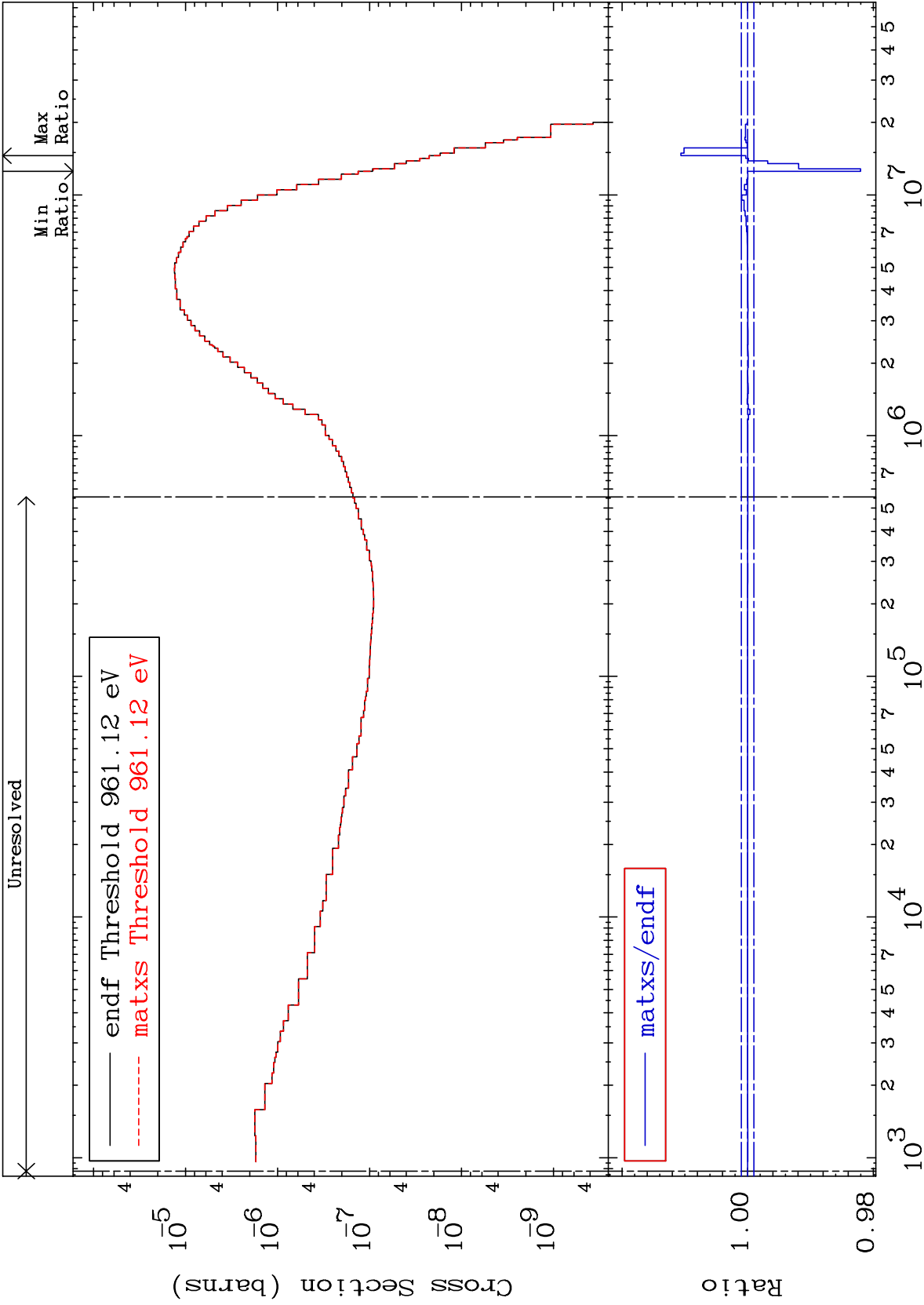
58-Ce-136
-0.164 To 0.346 %



MAT 5825

(n, α') Ground
Cross Section

58-Ce-136
-1.797 To 1.063 %



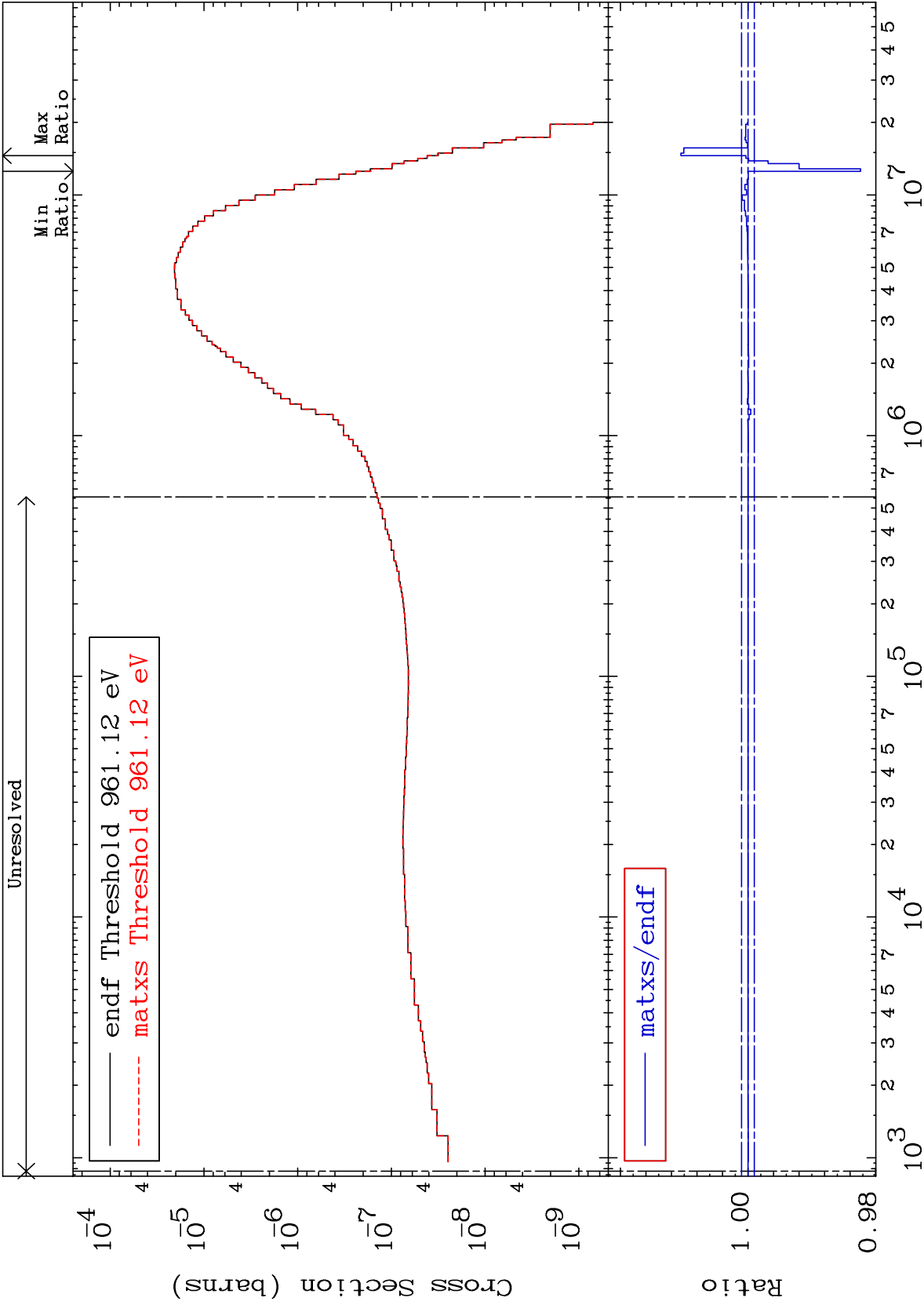
27

58-Ce-136

MAT 5825

12.32 keV (n, α') Level
Cross Section

58-Ce-136
-1.765 To 1.052 %



28

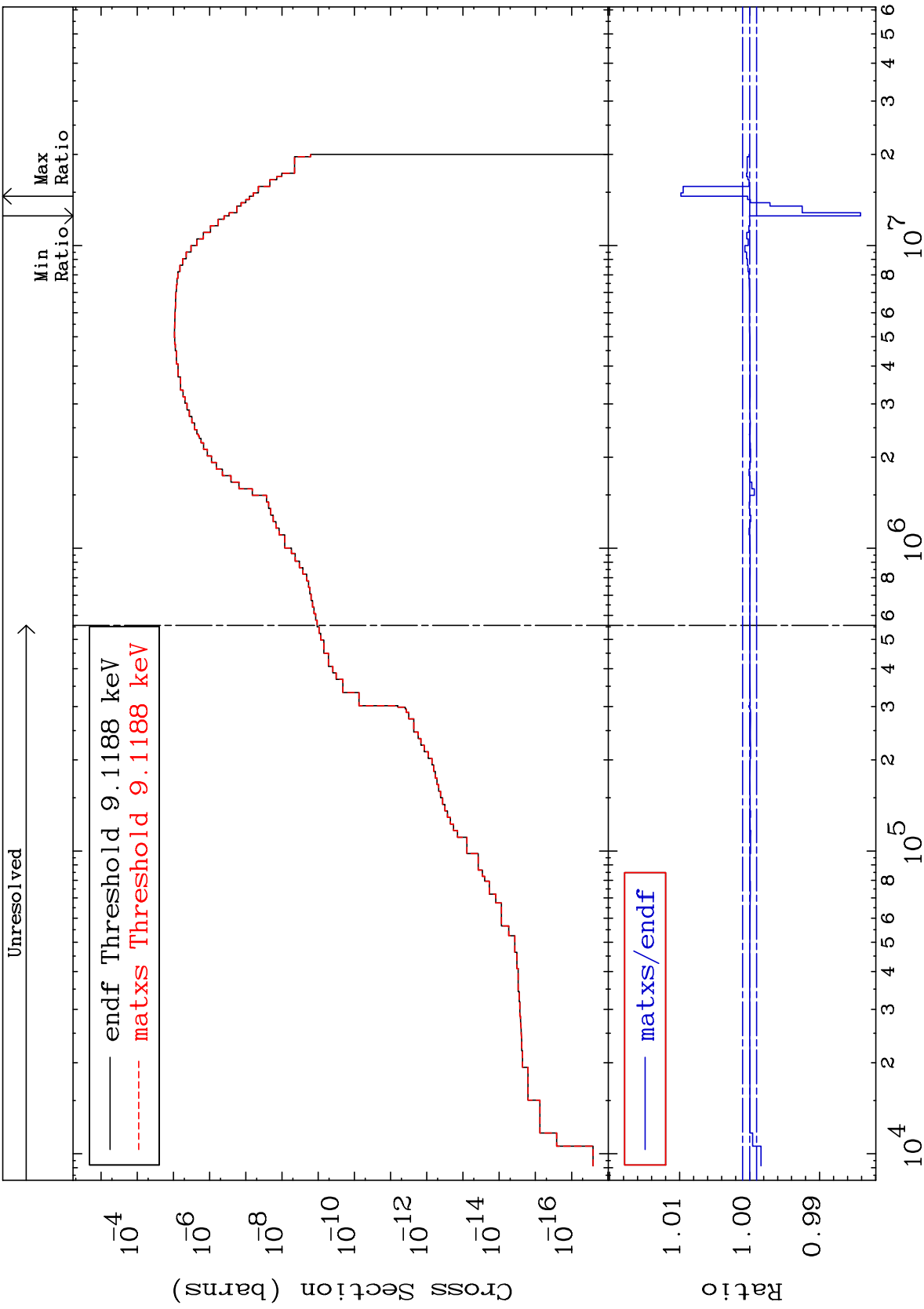
Incident Energy (eV)

58-Ce-136

MAT 5825

288.3 keV (n, α') Level
Cross Section

58-Ce-136
-1.585 To 0.982 %

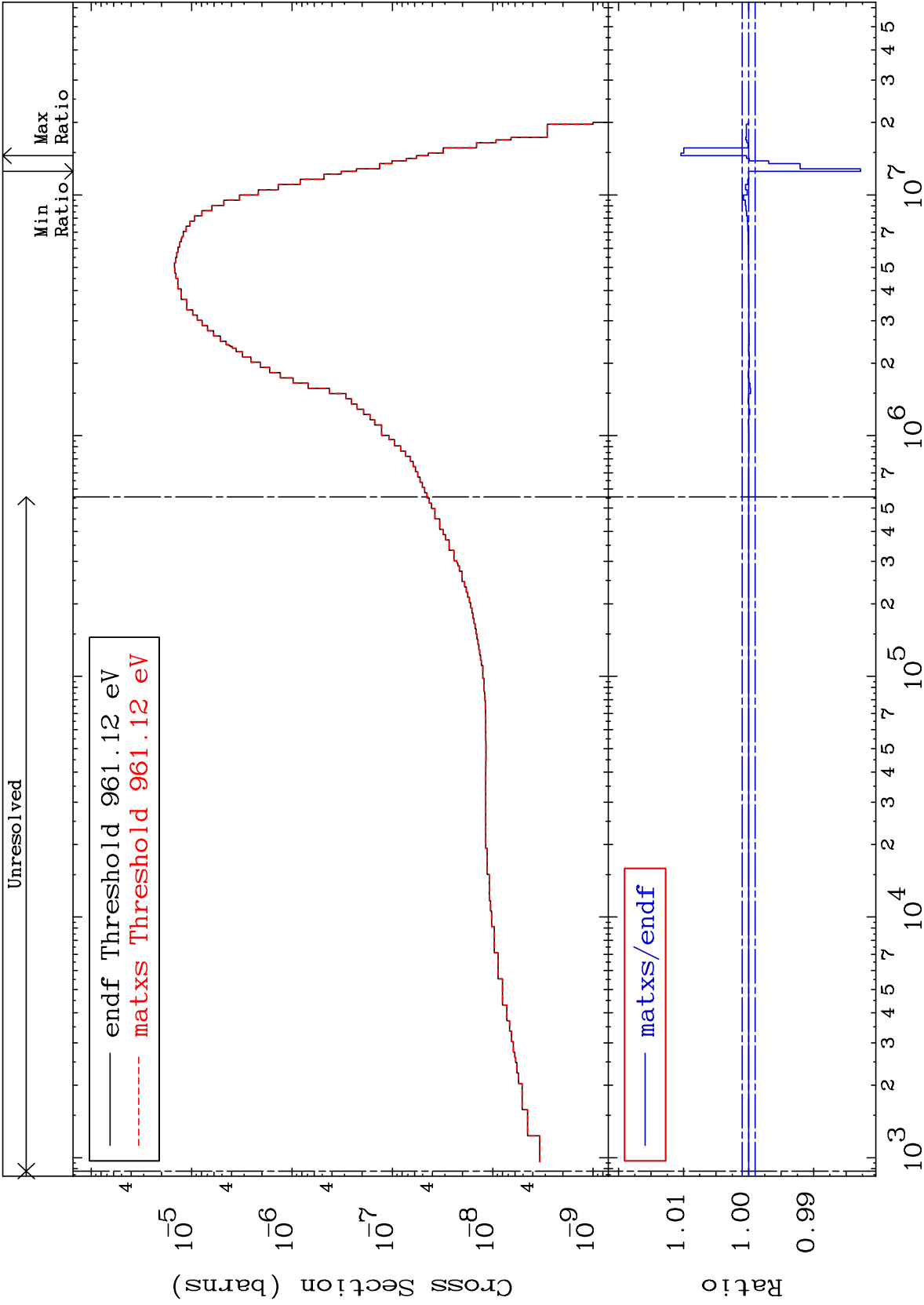


29

MAT 5825

291.2 keV (n, α') Level
Cross Section

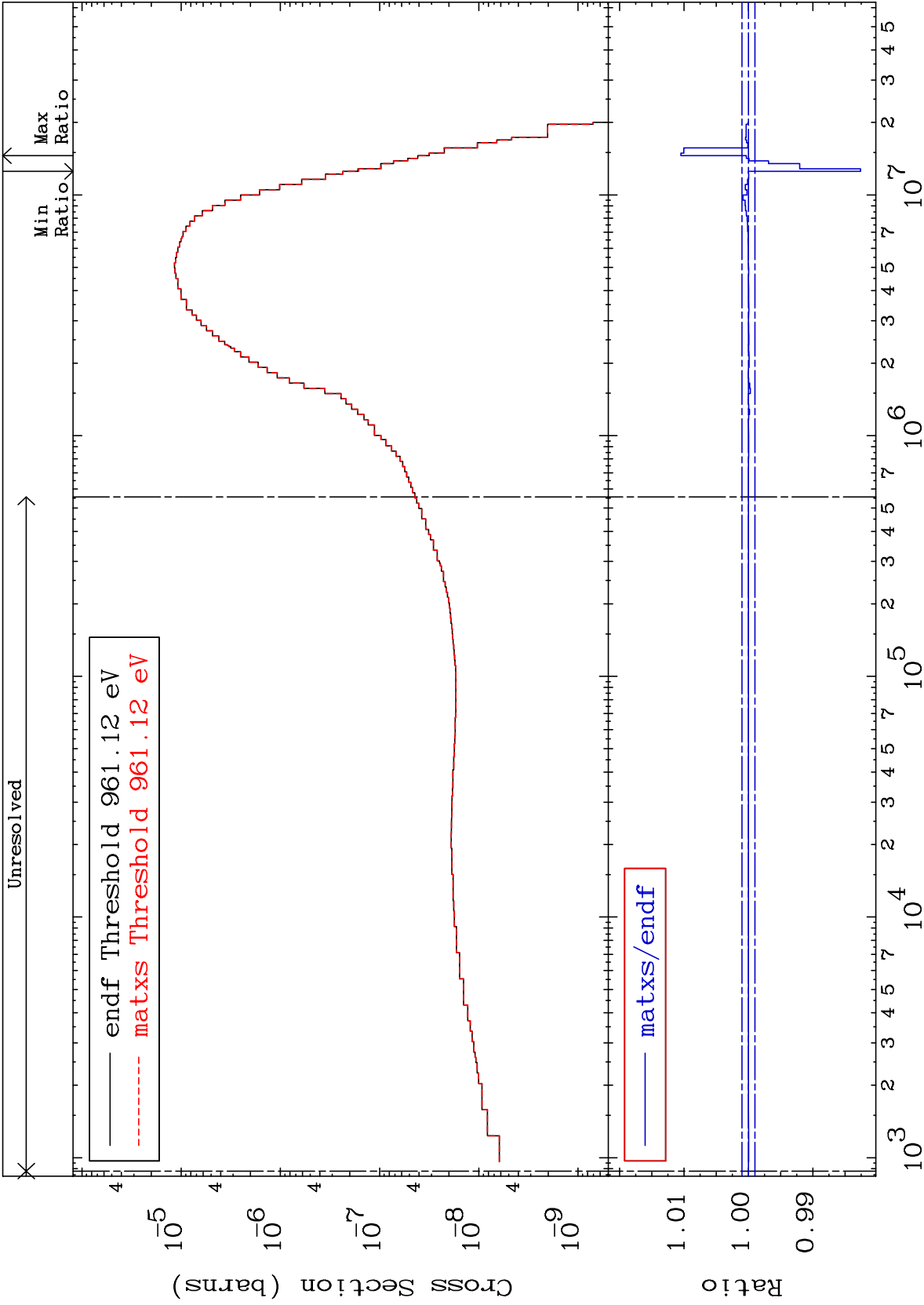
58-Ce-136
-1.722 To 1.040 %



MAT 5825

302.4 keV (n, α') Level
Cross Section

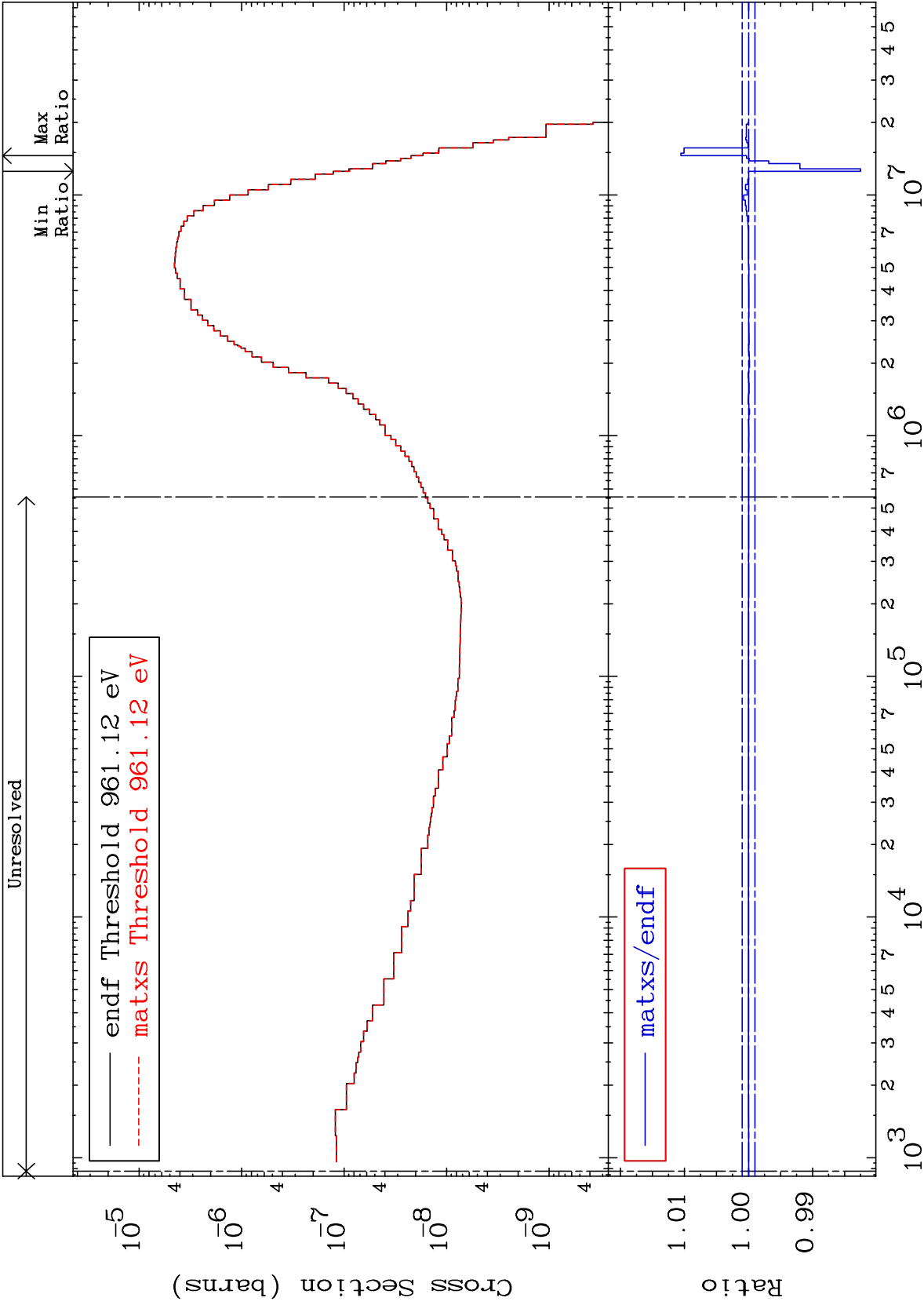
58-Ce-136
-1.741 To 1.047 %



MAT 5825

539.8 keV (n, α') Level
Cross Section

58-Ce-136
-1.749 To 1.056 %



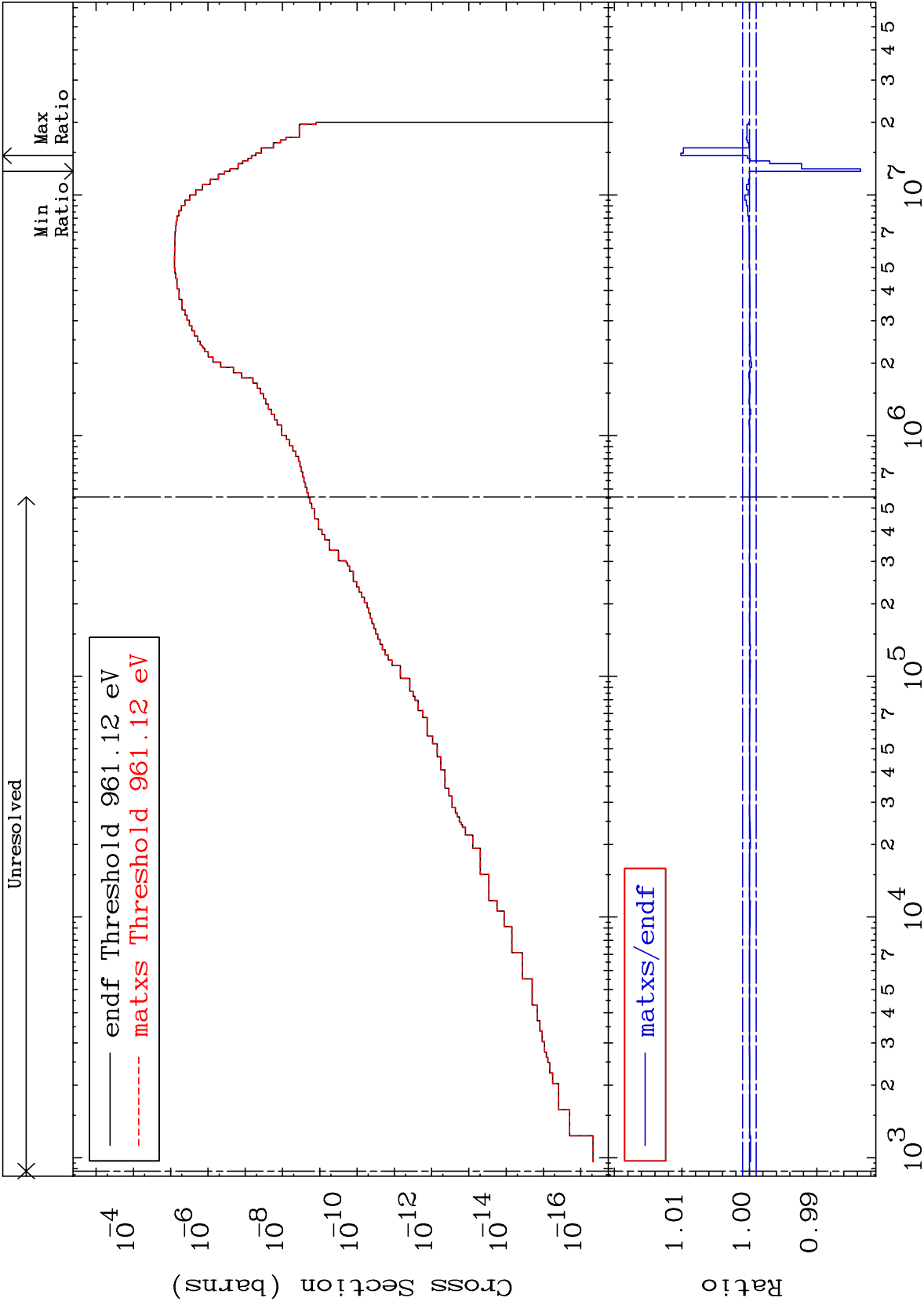
32

58-Ce-136

MAT 5825

577.6 keV (n, α') Level
Cross Section

58-Ce-136
-1.647 To 1.015 %



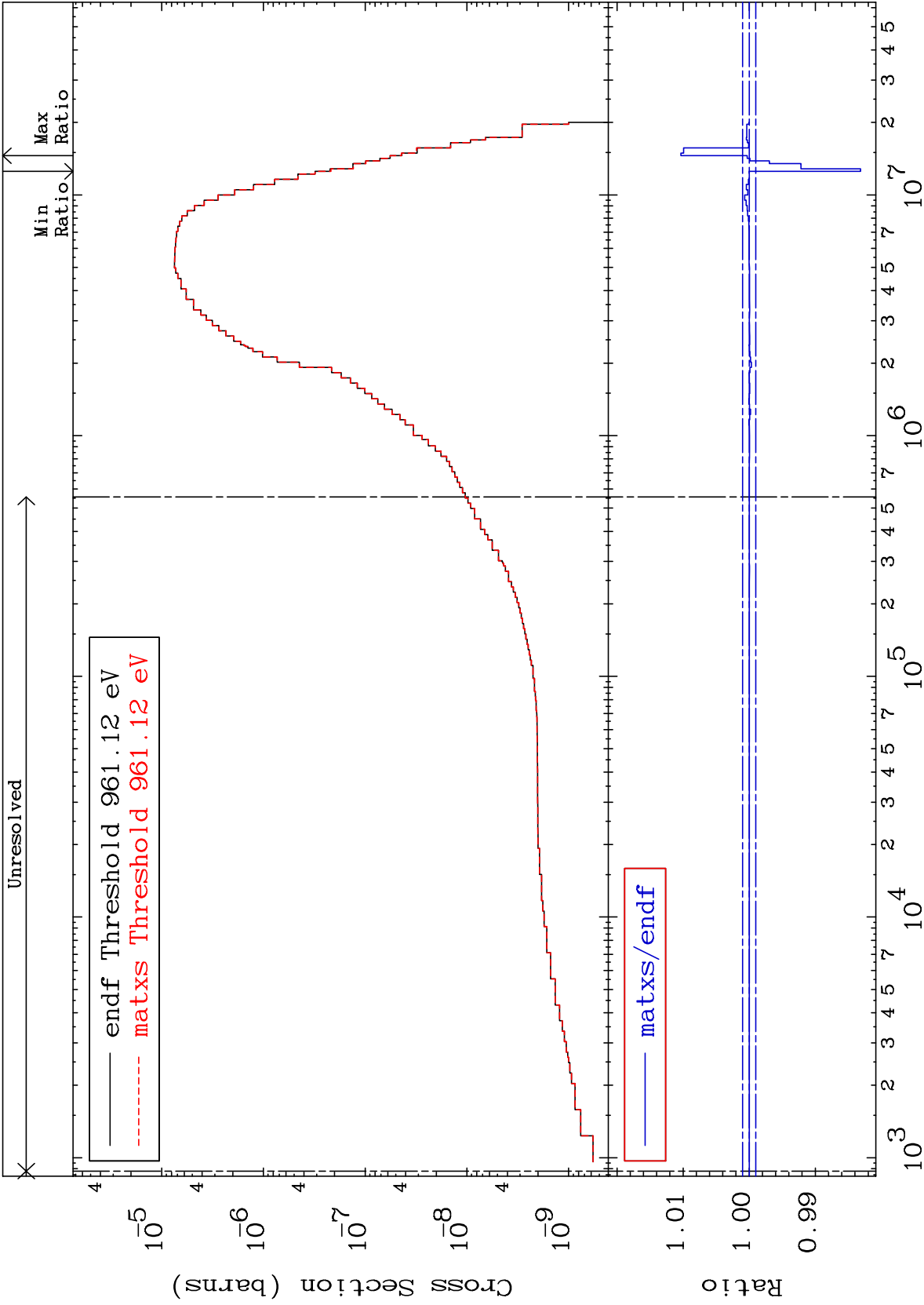
33

58-Ce-136

MAT 5825

630.6 keV (n, α') Level
Cross Section

58-Ce-136
-1.685 To 1.033 %



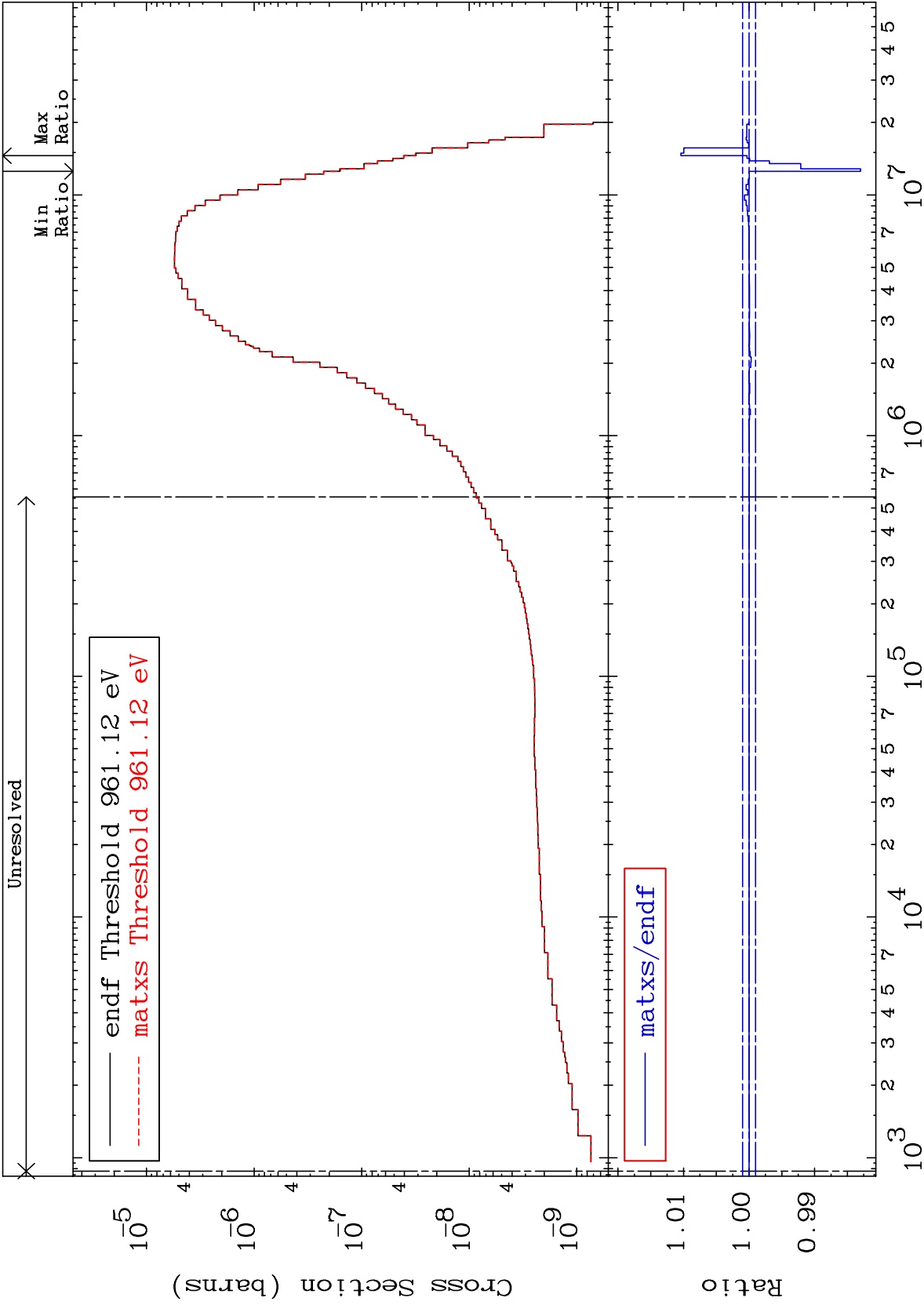
34

58-Ce-136

MAT 5825

676.5 keV (n, α') Level
Cross Section

58-Ce-136
-1.701 To 1.040 %



35

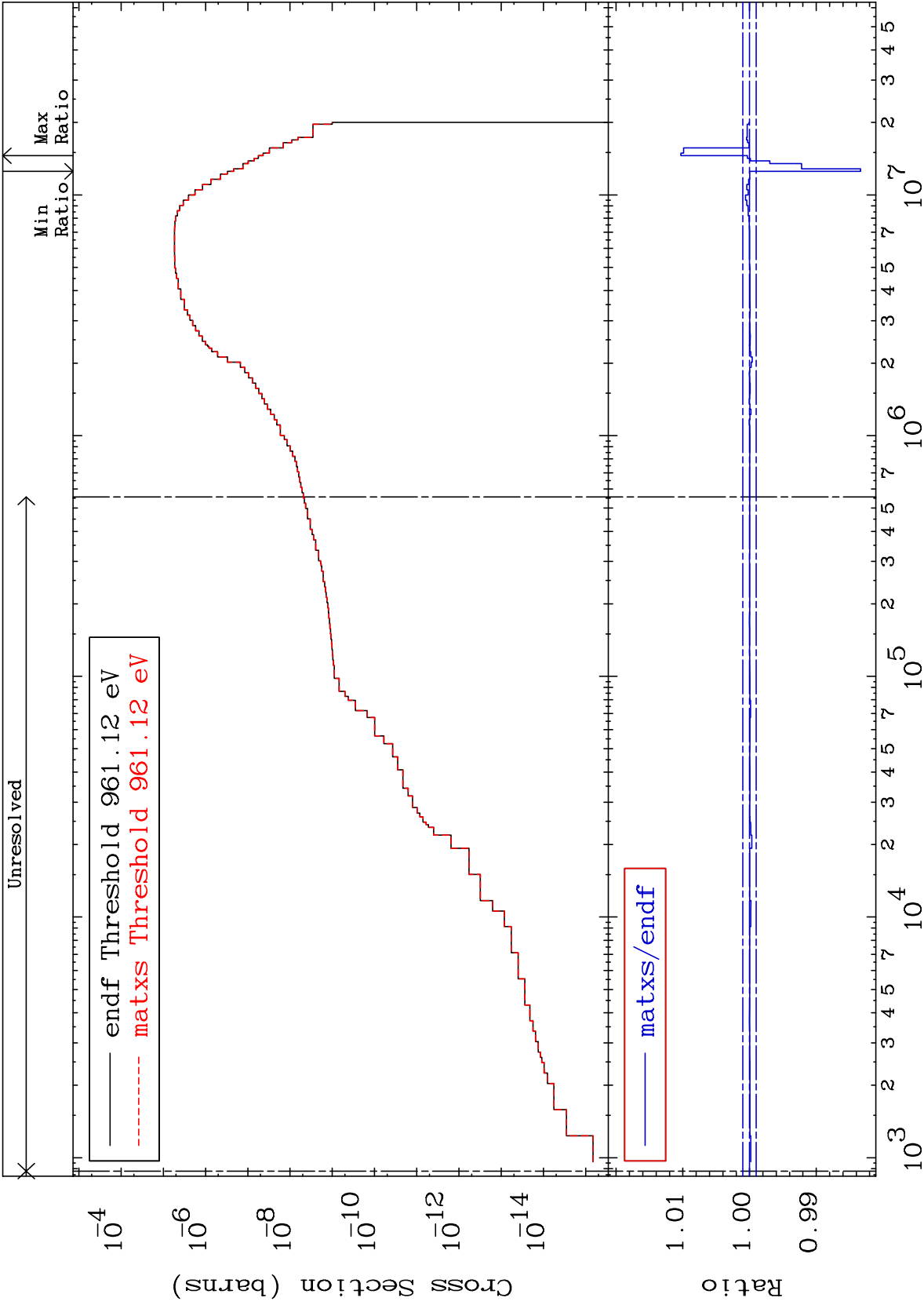
Incident Energy (eV)

58-Ce-136

MAT 5825

794.0 keV (n,α') Level
Cross Section

58-Ce-136
-1.664 To 1.029 %



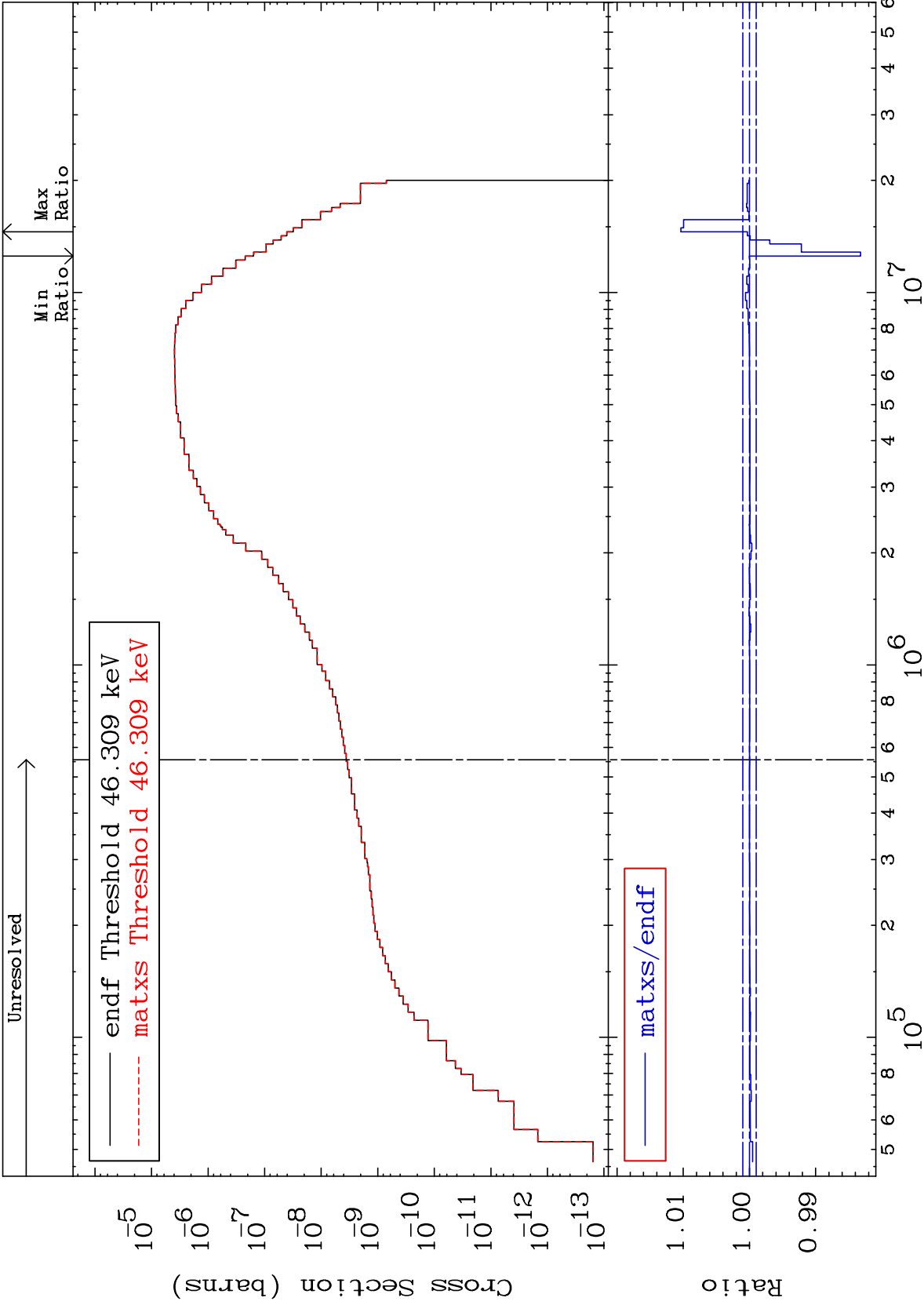
36

58-Ce-136

MAT 5825

858.5 keV (n,α') Level
Cross Section

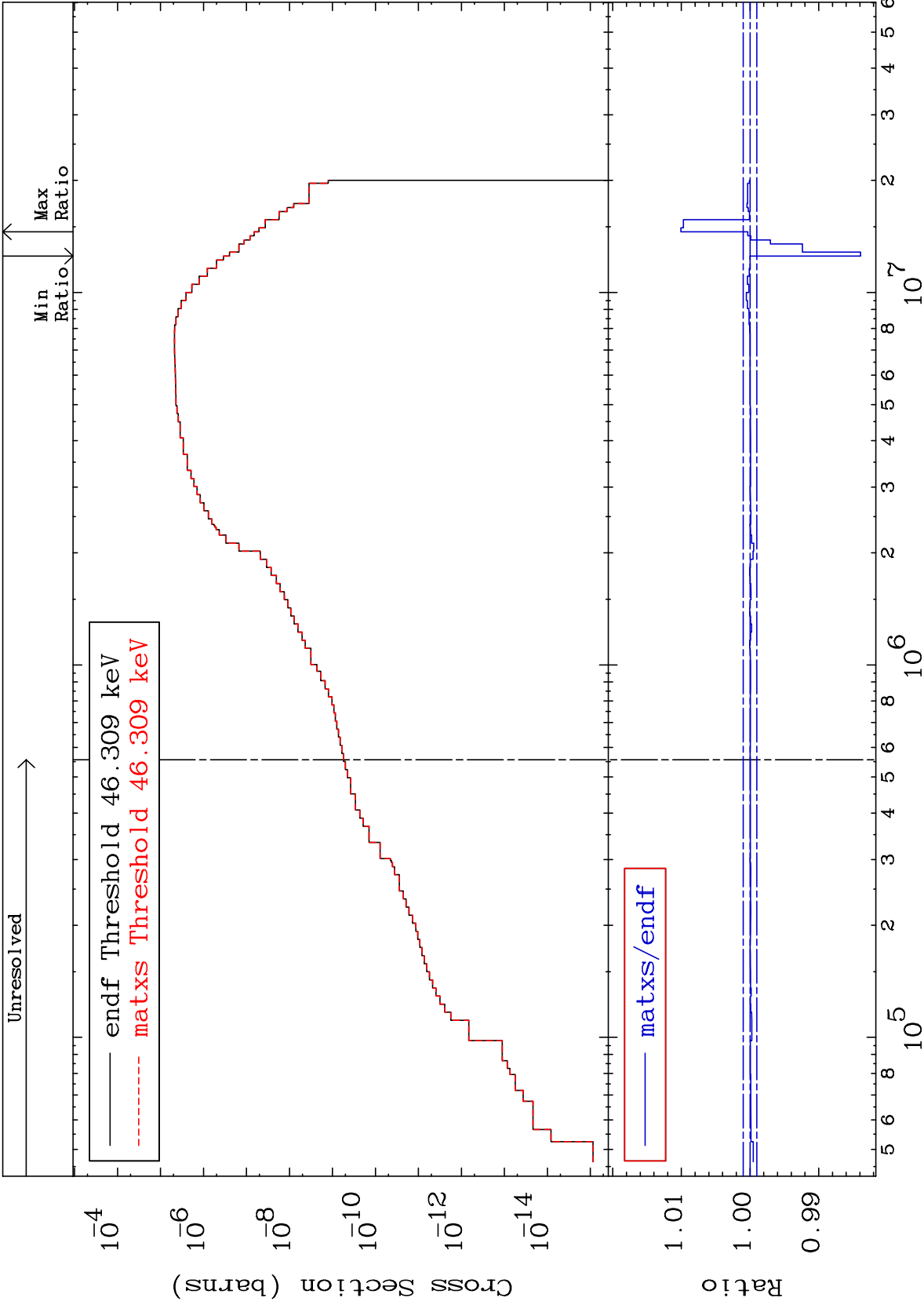
58-Ce-136
-1.678 To 1.035 %



MAT 5825

862.8 keV (n, α') Level
Cross Section

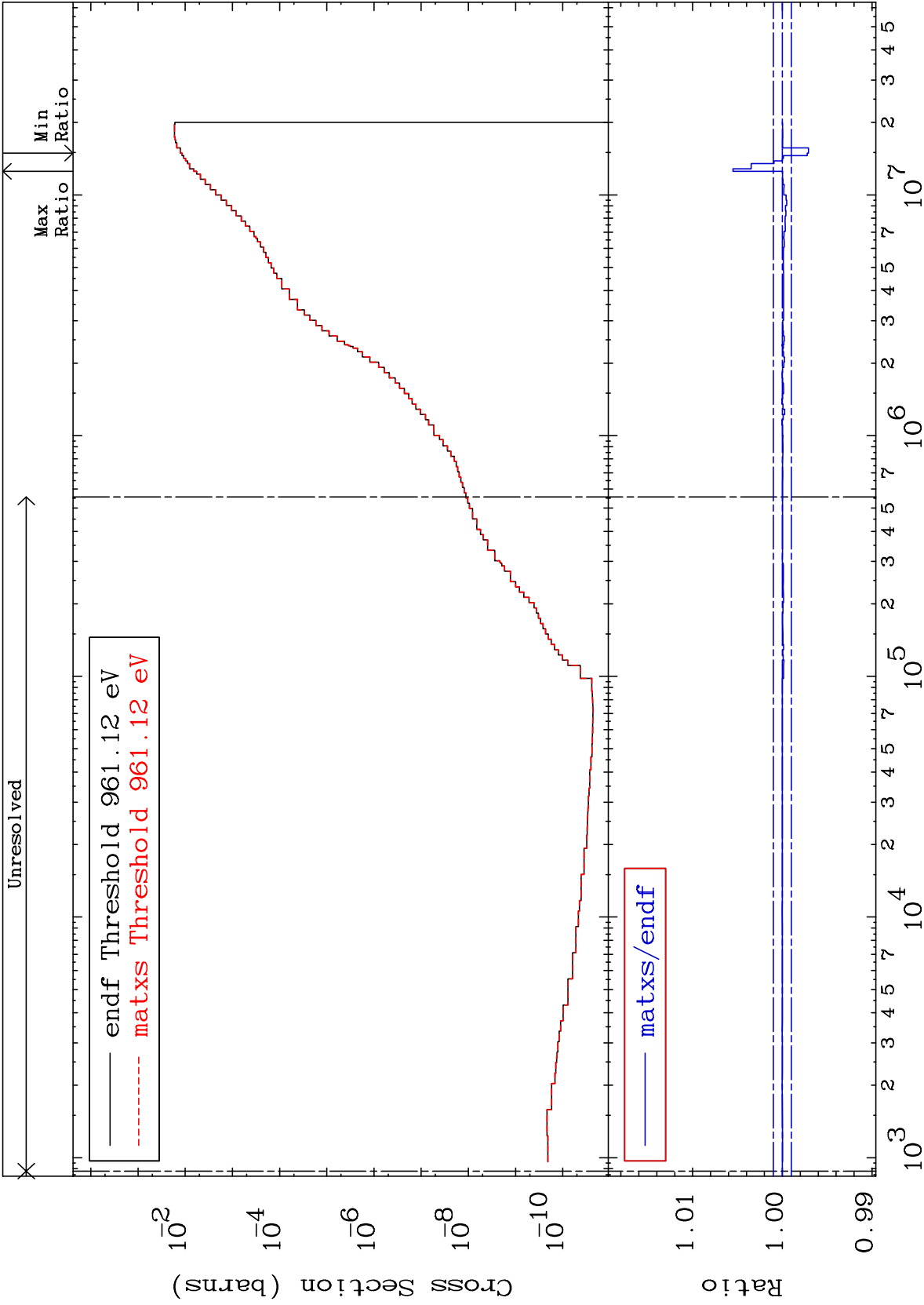
58-Ce-136
-1.610 To 1.007 %



MAT 5825

862.8 keV (n, α') Level
Cross Section

58-Ce-136
-0.292 To 0.551 %



39

58-Ce-136