

Program Complot
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

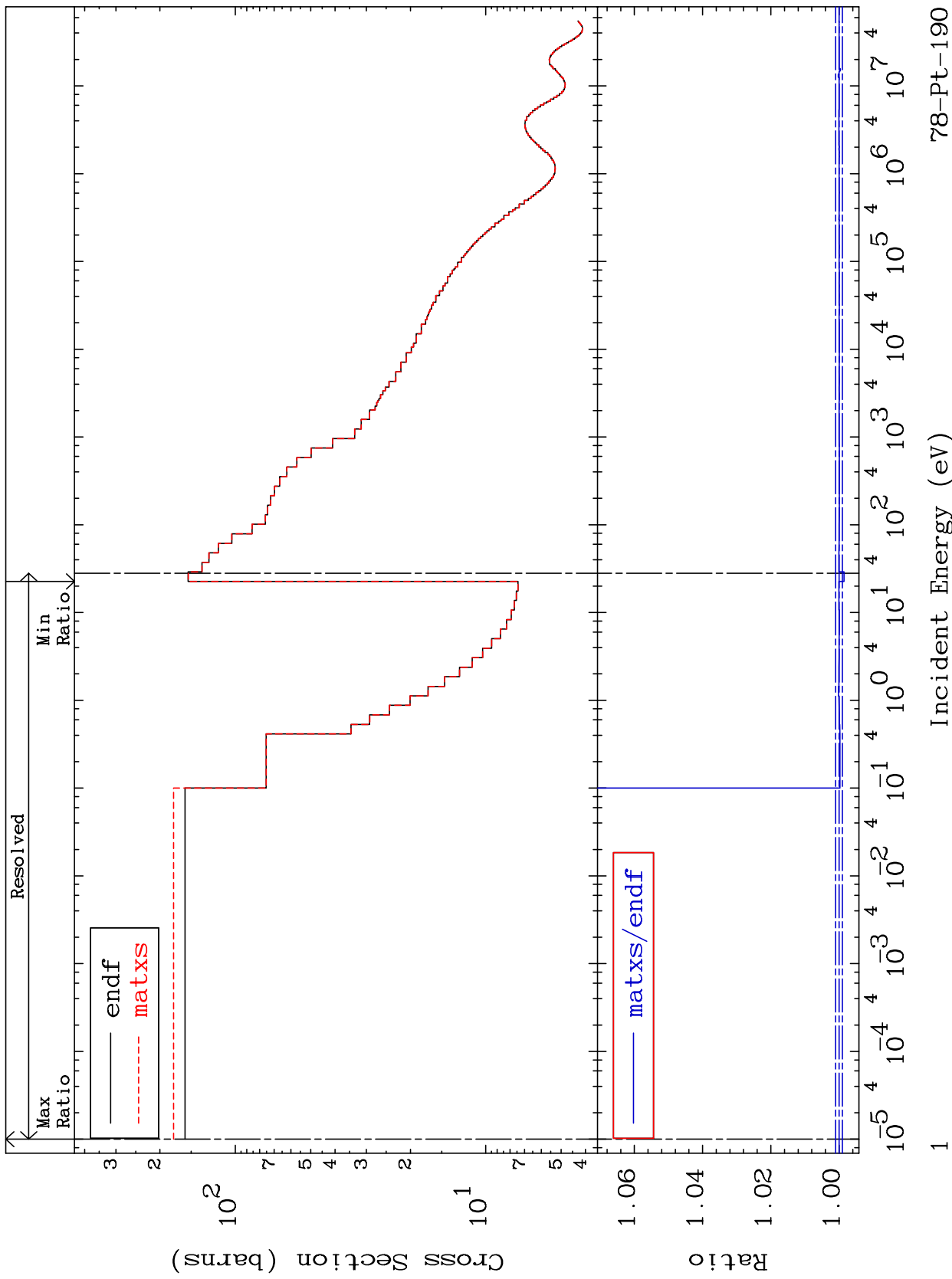
MAT 7825

Total

78-Pt-190

Cross Section

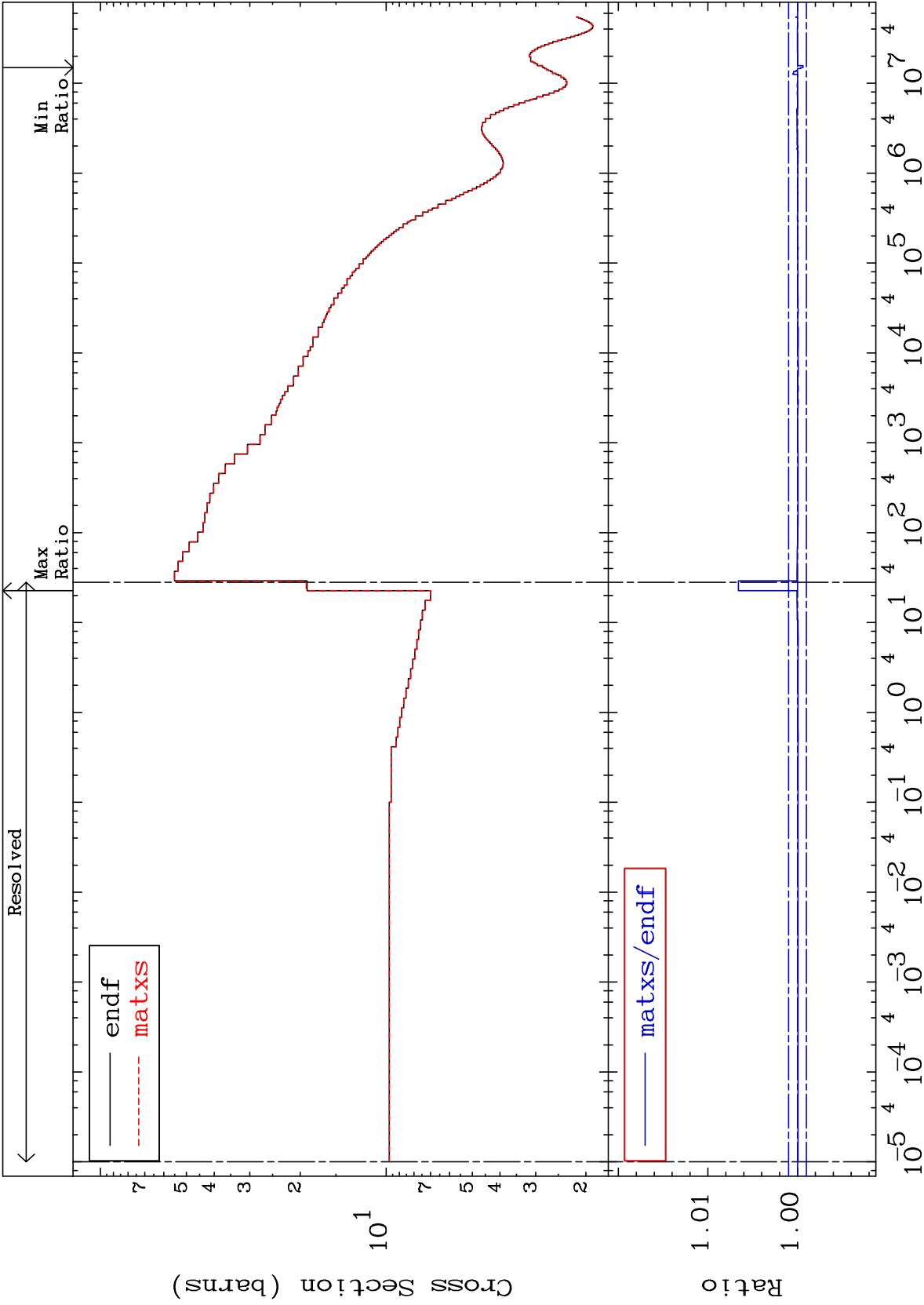
-0.145 To 11.09 %



MAT 7825

Elastic
Cross Section

78-Pt-190
-0.061 To 0.659 %



2

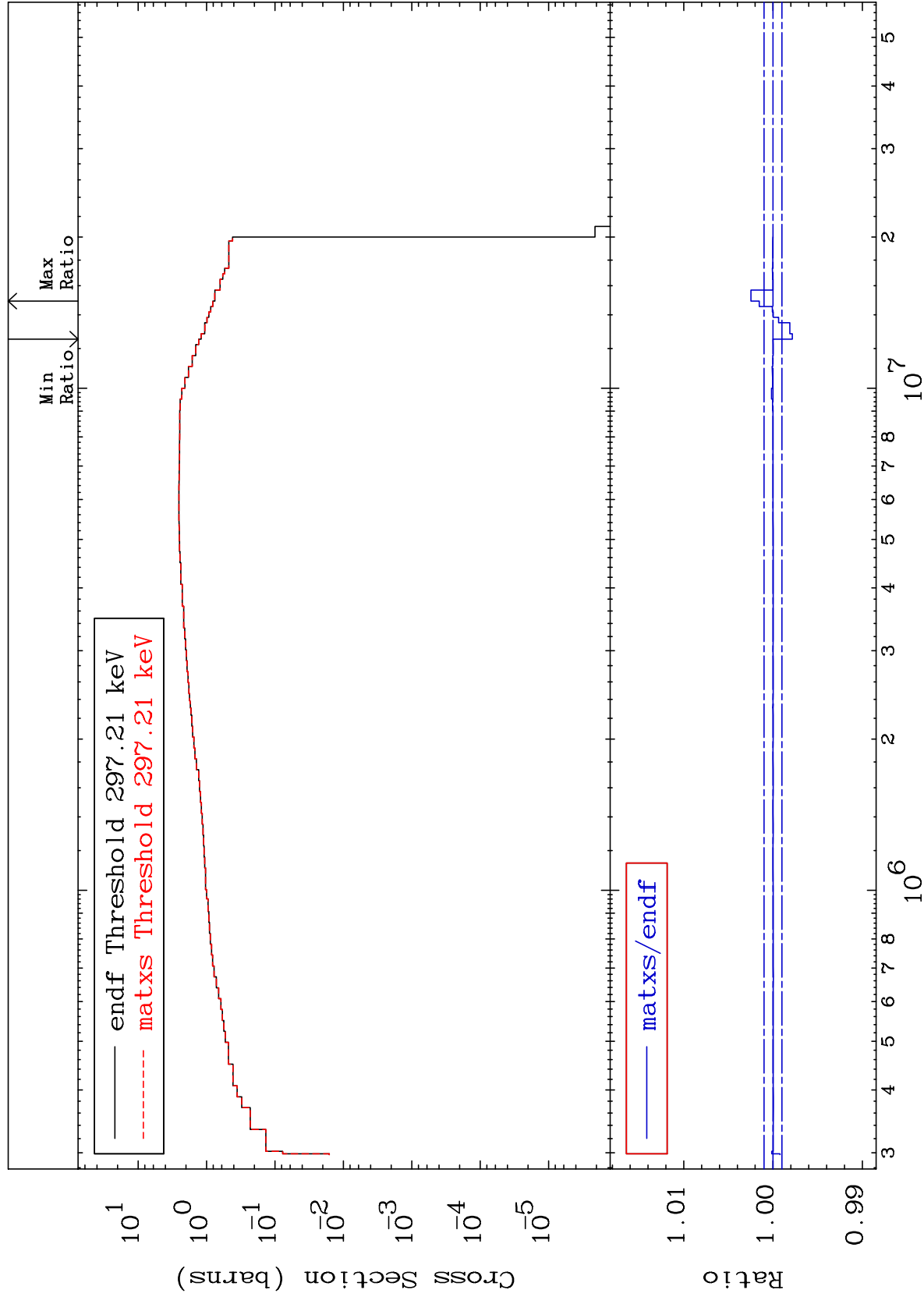
Incident Energy (eV)

78-Pt-190

MAT 7825

Inelastic
Cross Section

78-Pt-190
-0.216 To 0.247 %



3

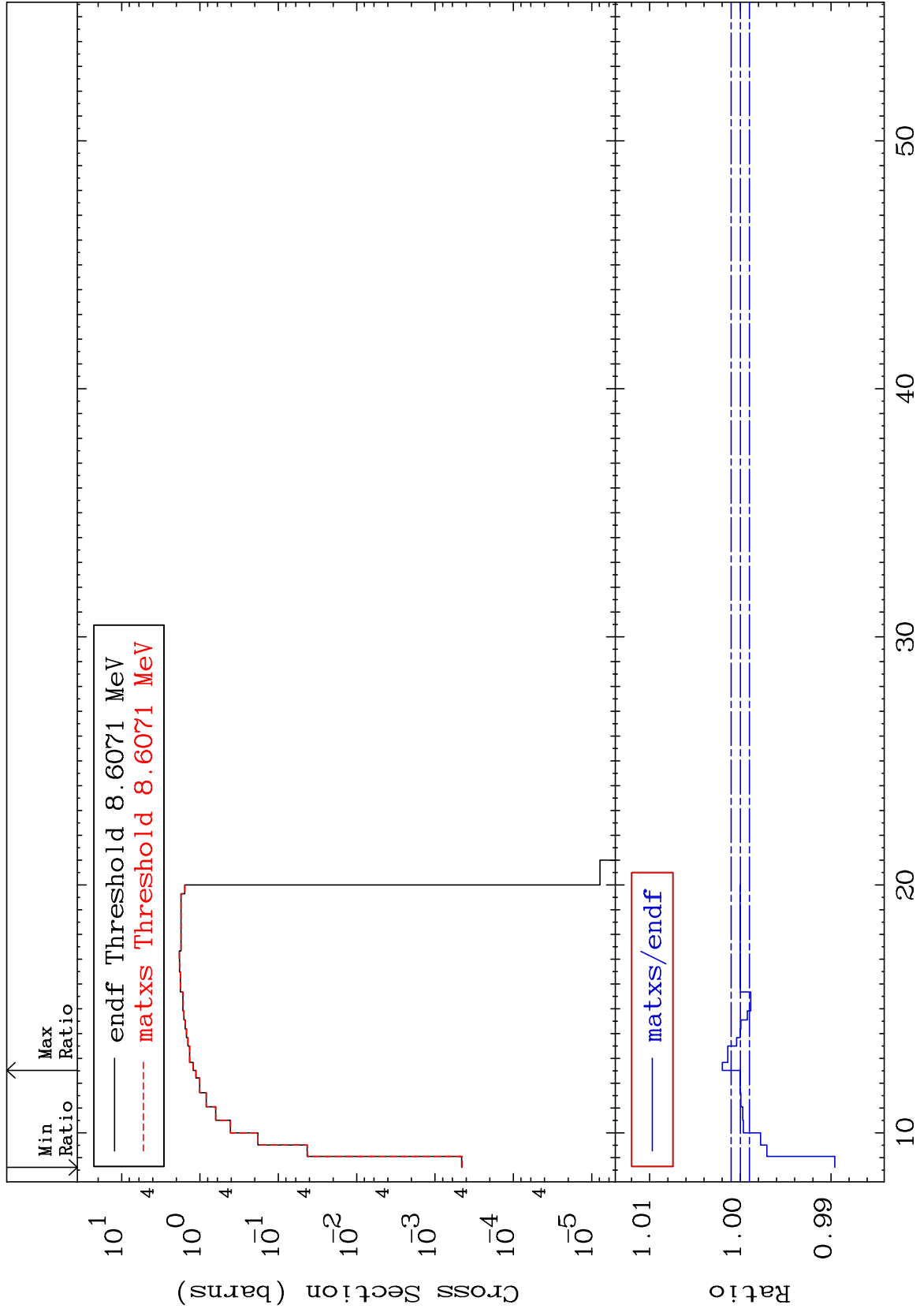
Incident Energy (eV)

78-Pt-190

MAT 7825

(n,2n)
Cross Section

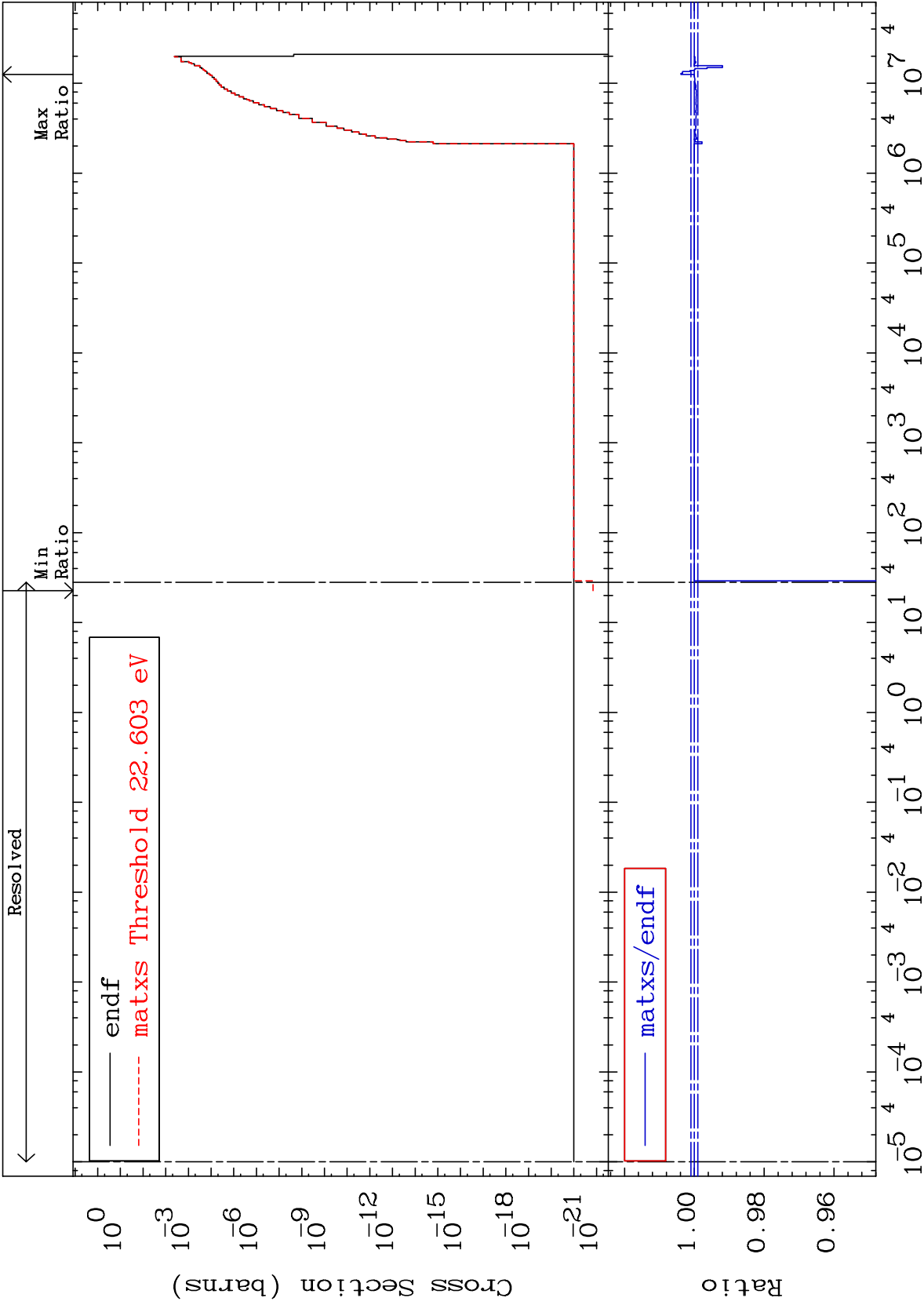
78-Pt-190
-1.042 To 0.198 %



MAT 7825

(n, n') α
Cross Section

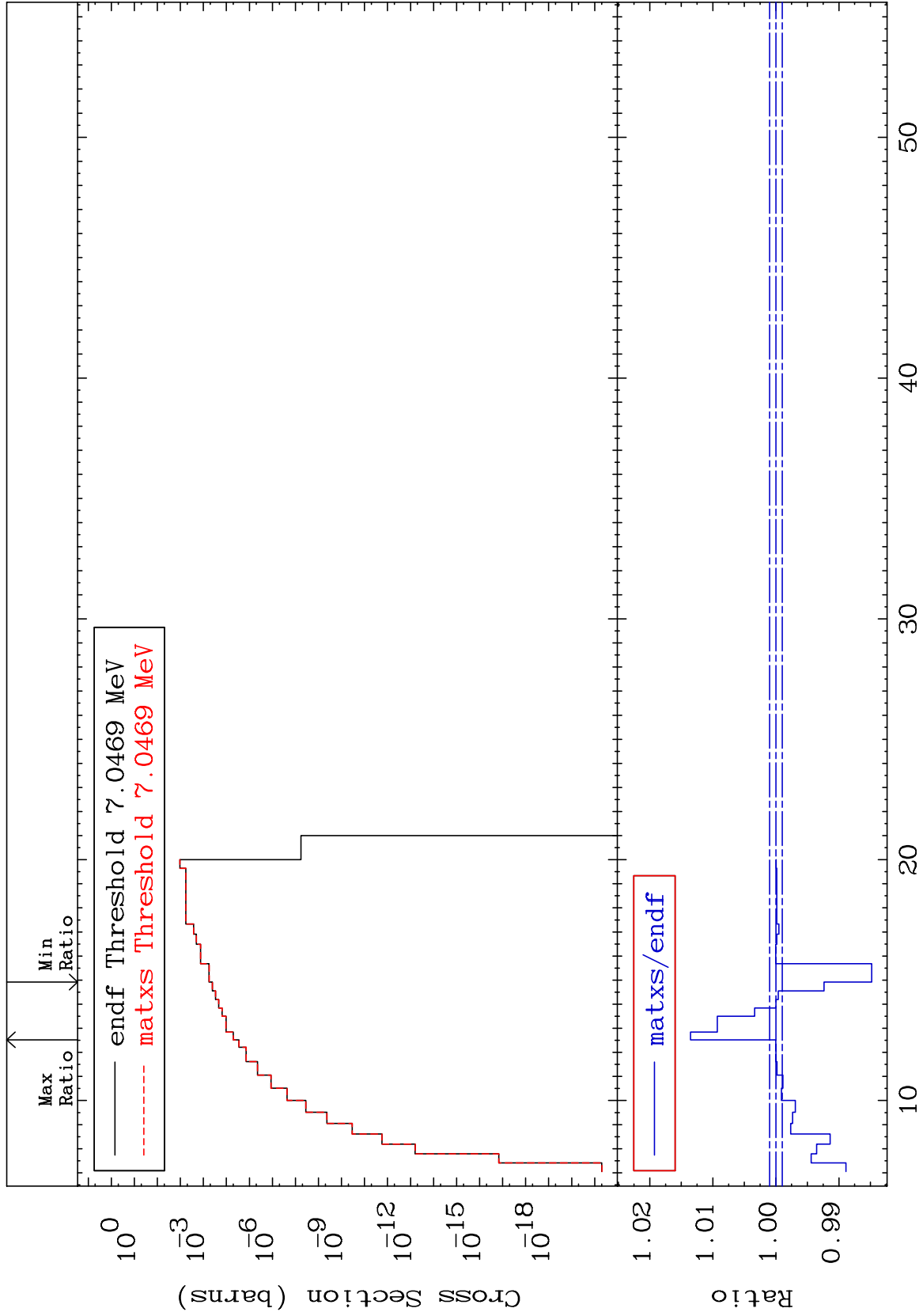
78-Pt-190
-85.64 To 0.384 %



MAT 7825

(n, n') p
Cross Section

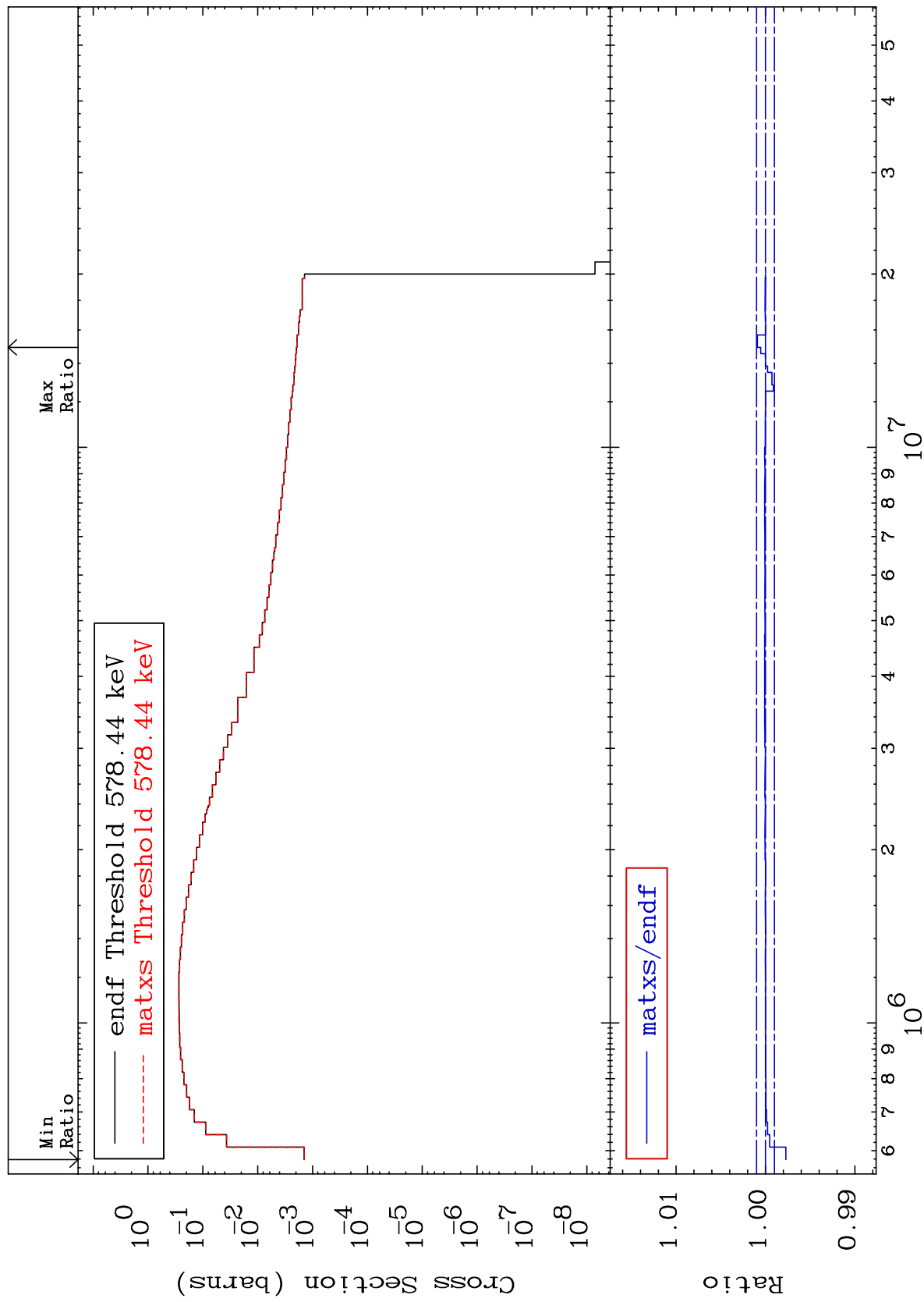
⁷⁸Pt-190
-1.520 To 1.353 %



MAT 7825

597.6 keV (n,n') Level
Cross Section

78-Pt-190
-0.227 To 0.090 %



7

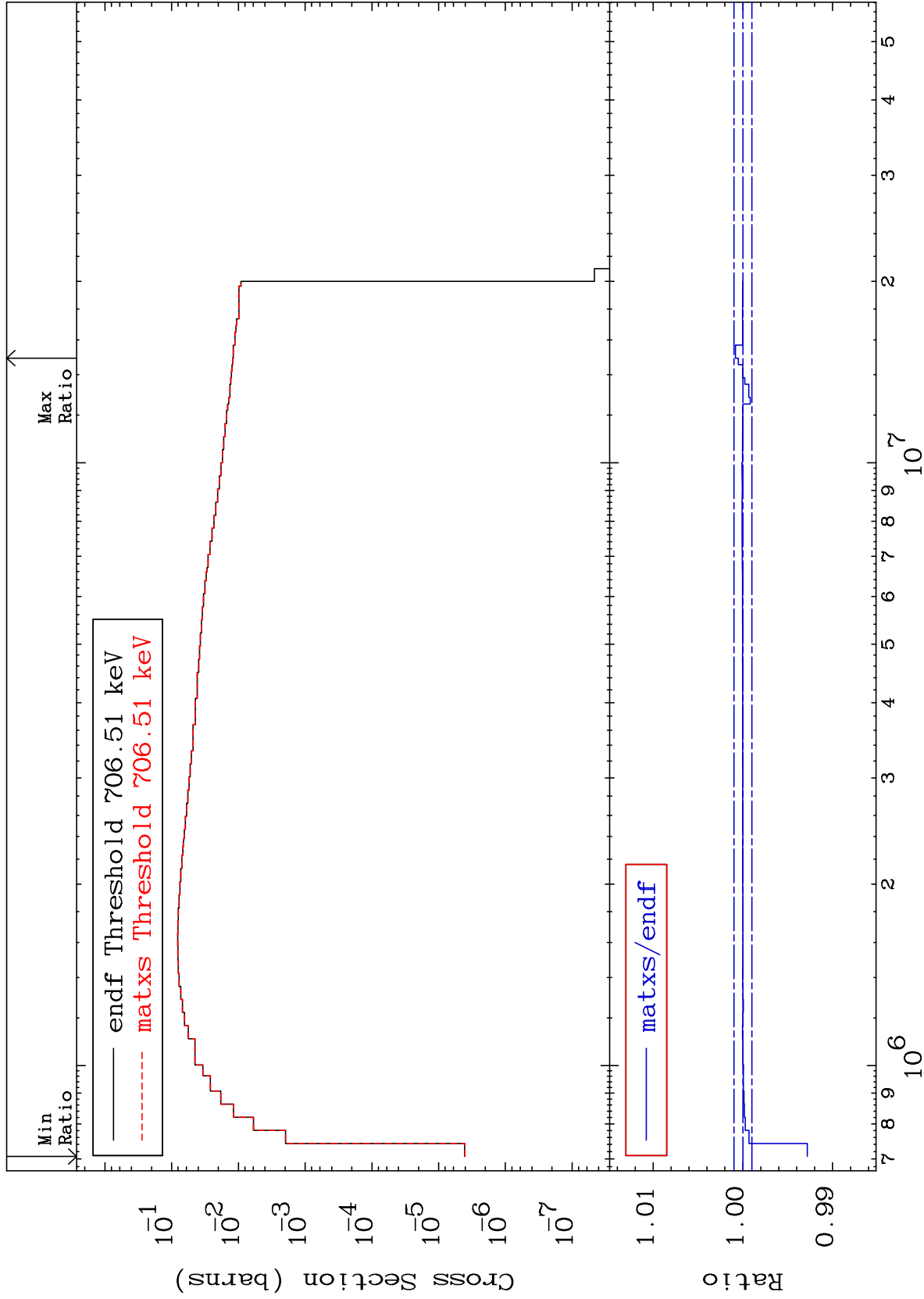
Incident Energy (eV)

78-Pt-190

MAT 7825

737.0 keV (n,n') Level
Cross Section

78-Pt-190
-0.719 To 0.083 %



8

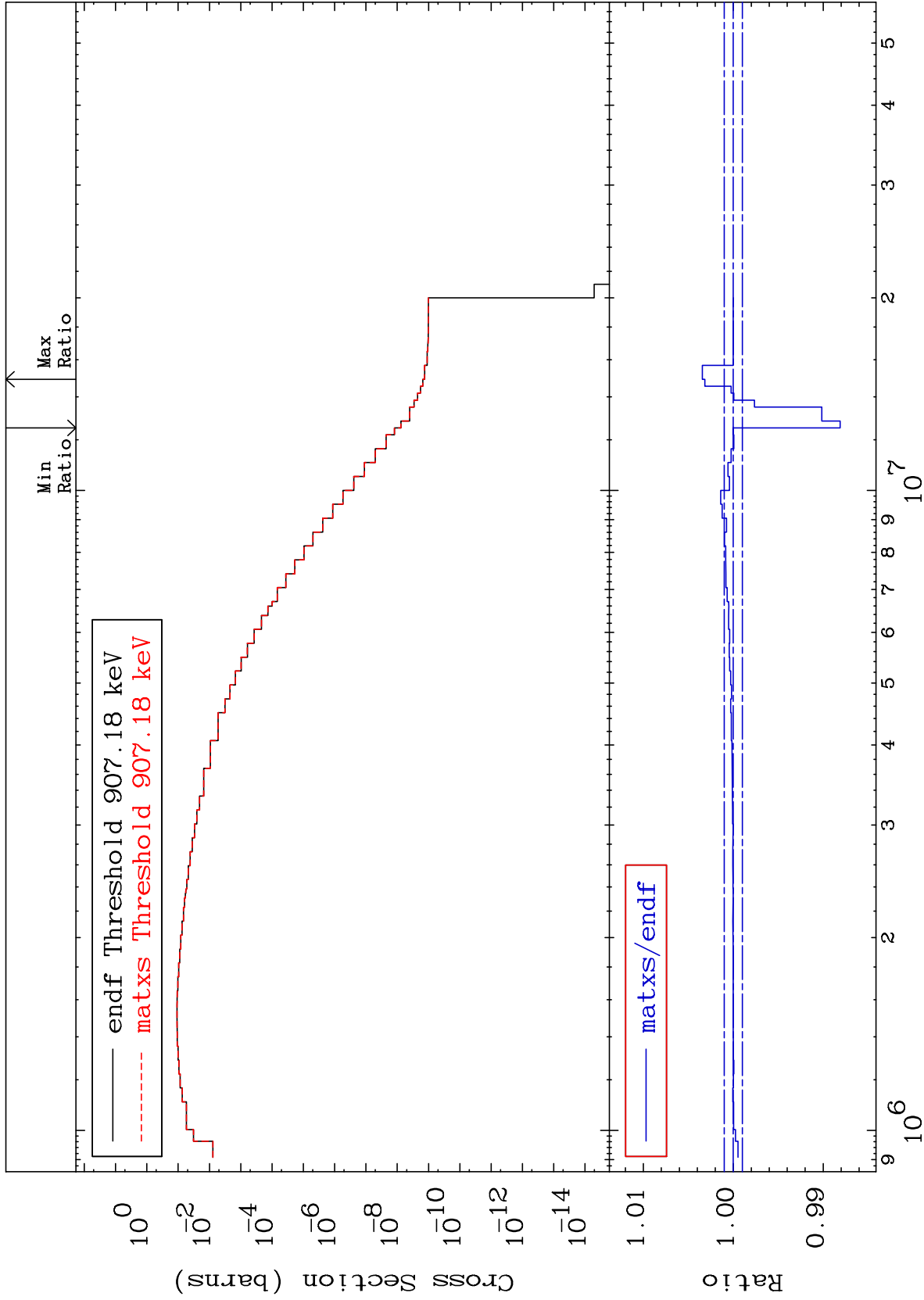
Incident Energy (eV)

78-Pt-190

MAT 7825

916.6 keV (n,n') Level
Cross Section

78-Pt-190
-1.189 To 0.344 %

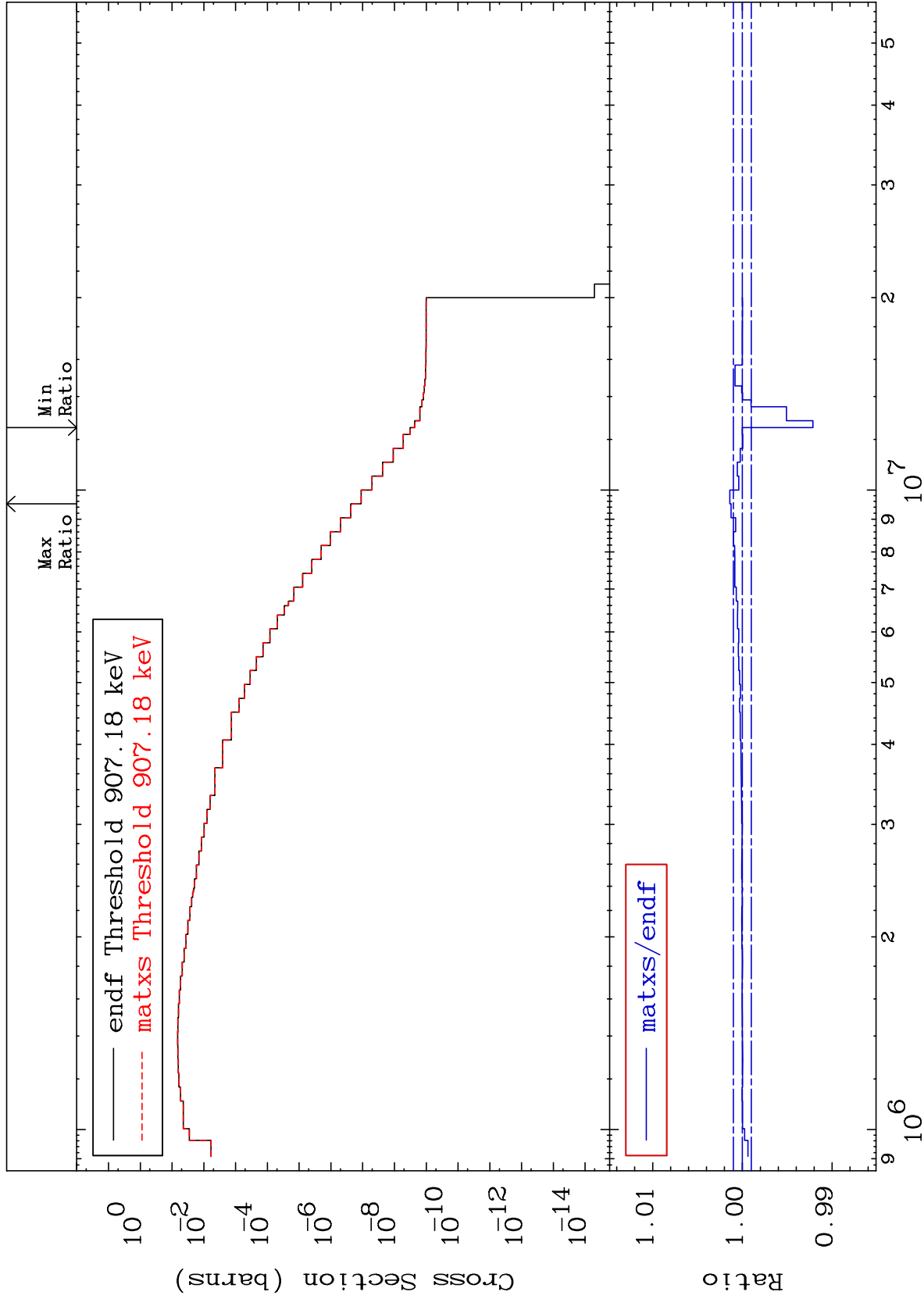


78-Pt-190

MAT 7825

920.9 keV (n,n') Level
Cross Section

78-Pt-190
-0.787 To 0.140 %



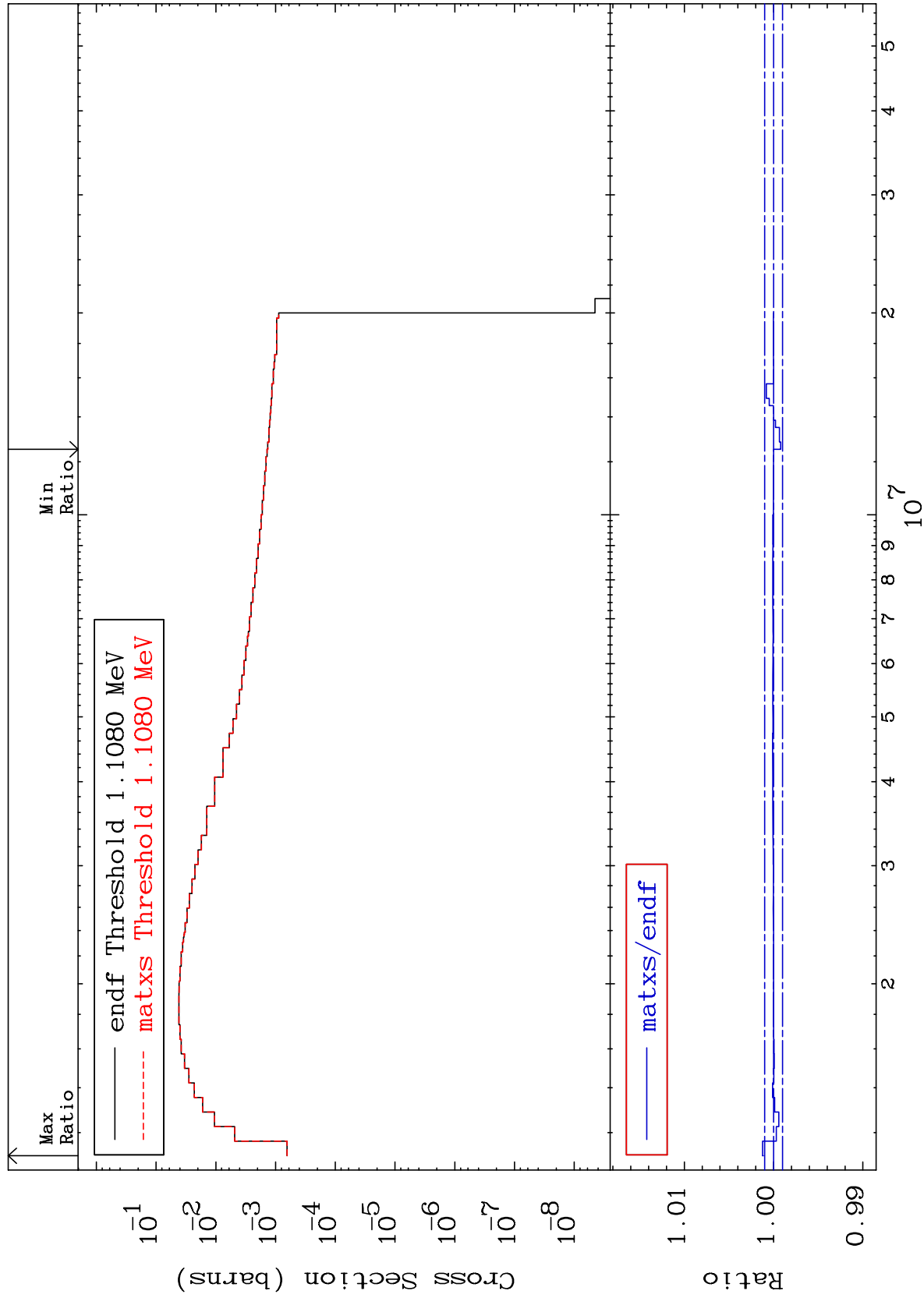
Incident Energy (eV)

78-Pt-190

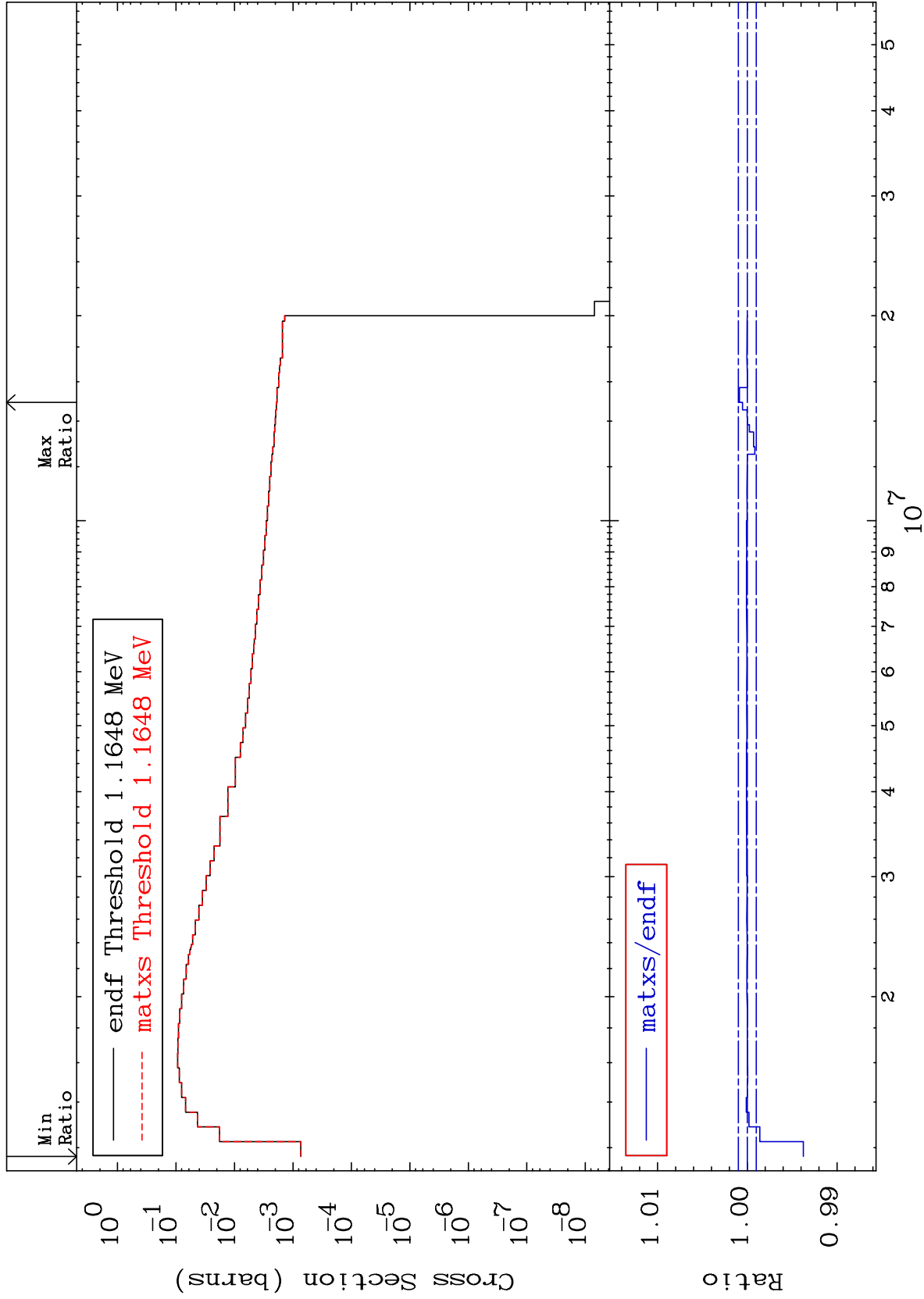
MAT 7825

1.128 MeV (n,n') Level
Cross Section

78-Pt-190
-0.080 To 0.124 %



MAT 7825 1.203 MeV (n,n') Level 78-Pt-190
Cross Section -0.626 To 0.088 %



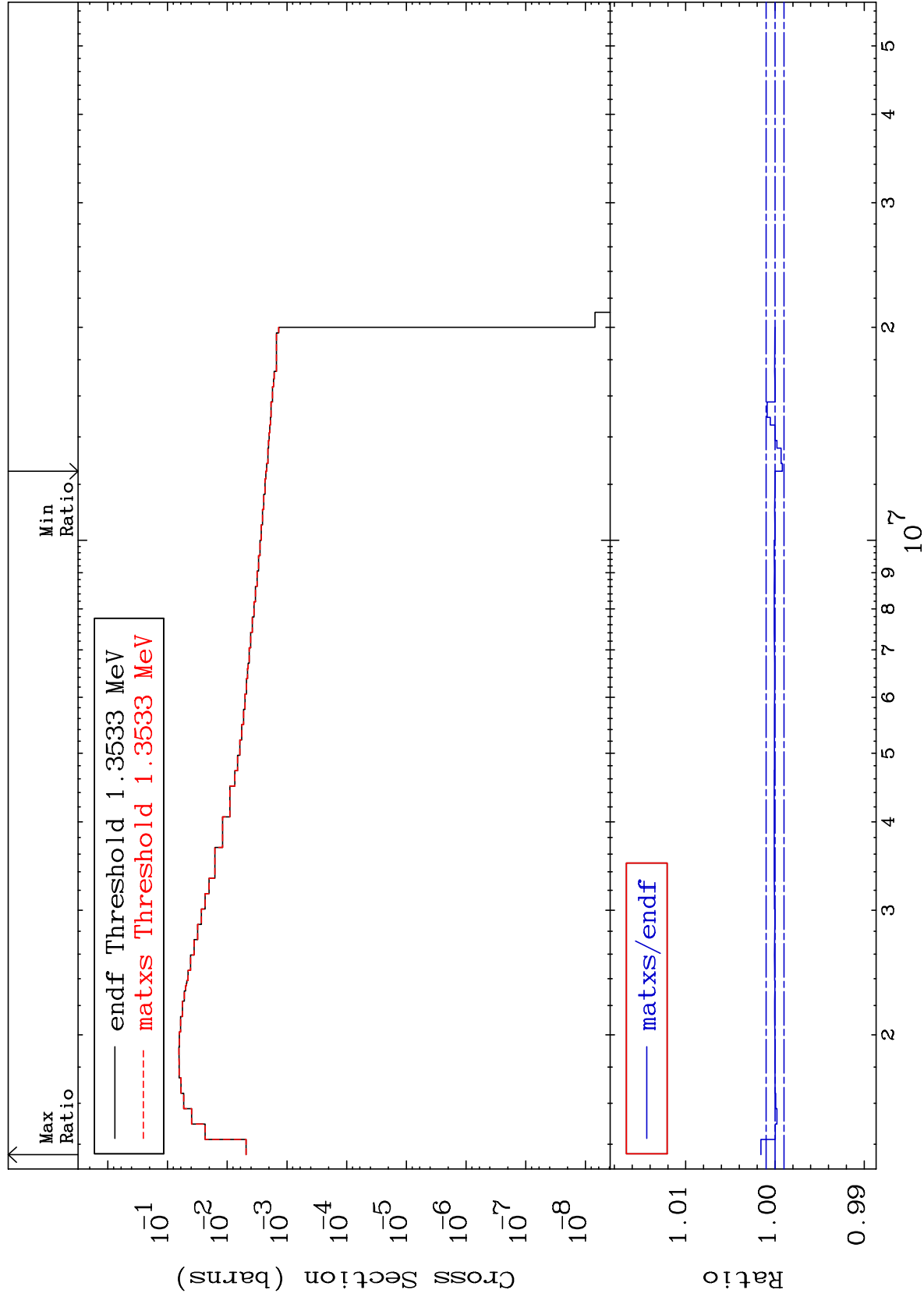
78-Pt-190

Incident Energy (eV)

MAT 7825

1.386 MeV (n,n') Level
Cross Section

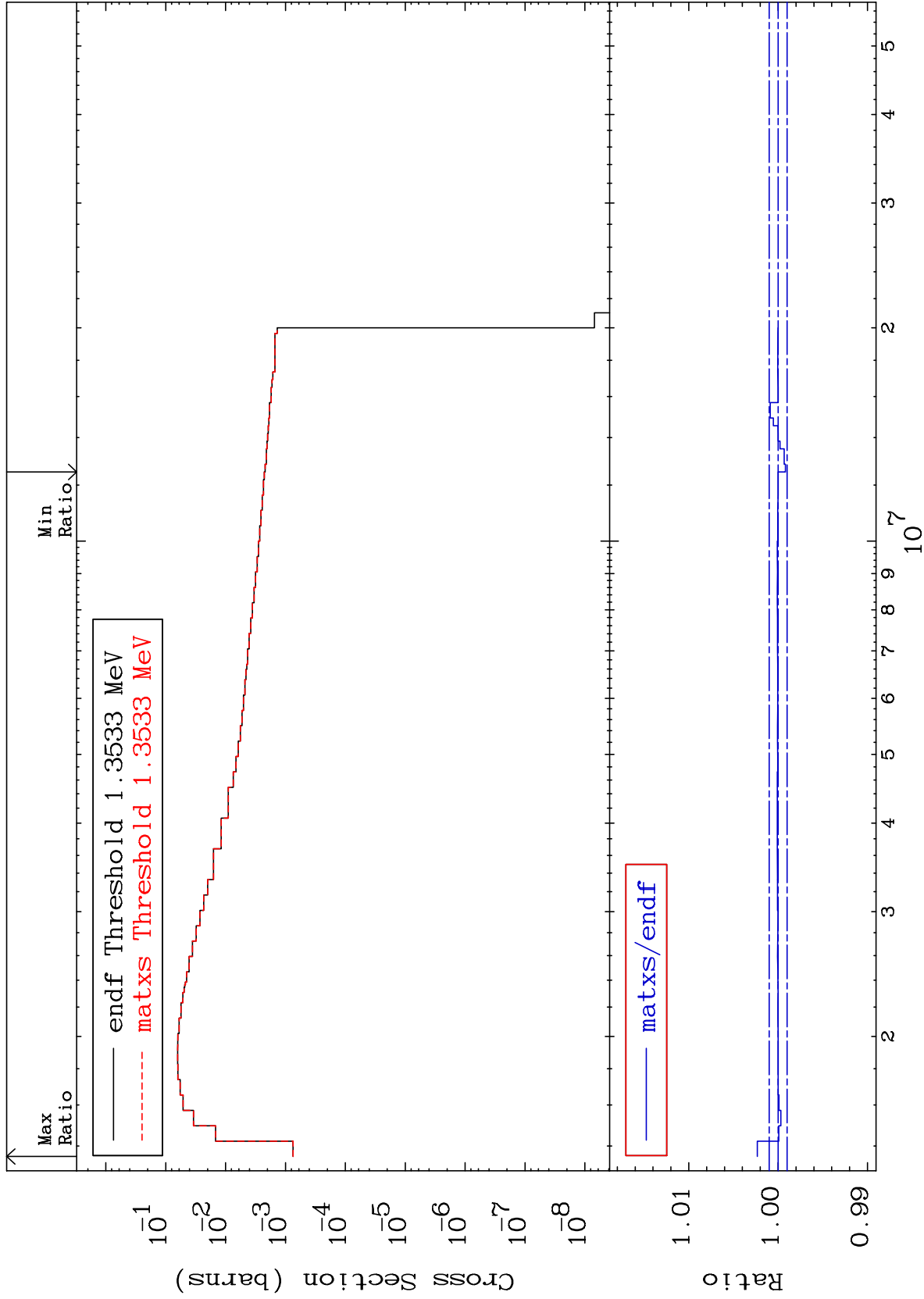
78-Pt-190
-0.083 To 0.158 %



MAT 7825

1.395 MeV (n,n') Level
Cross Section

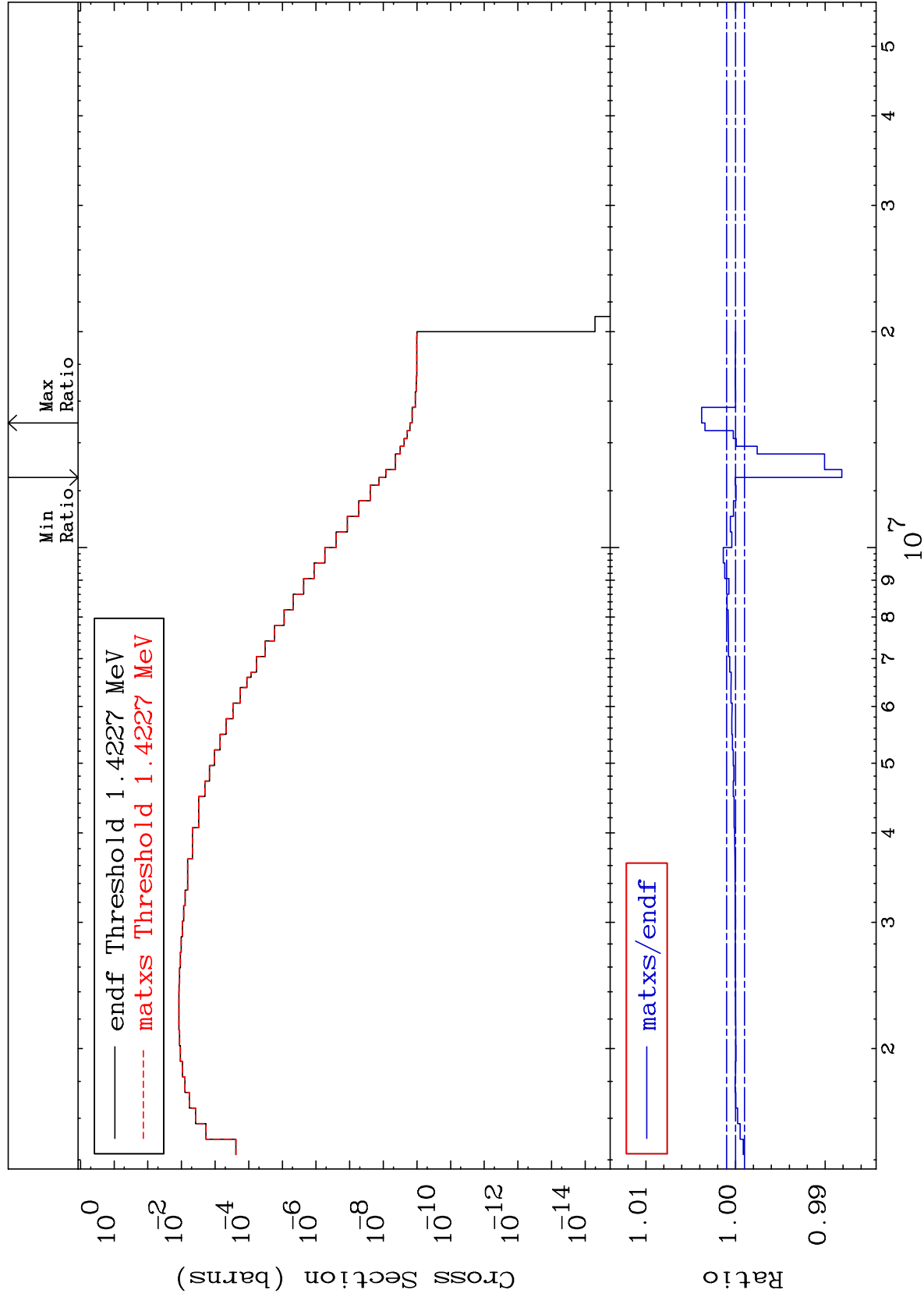
78-Pt-190
-0.083 To 0.234 %



MAT 7825

1.450 MeV (n,n') Level
Cross Section

78-Pt-190
-1.184 To 0.379 %



15

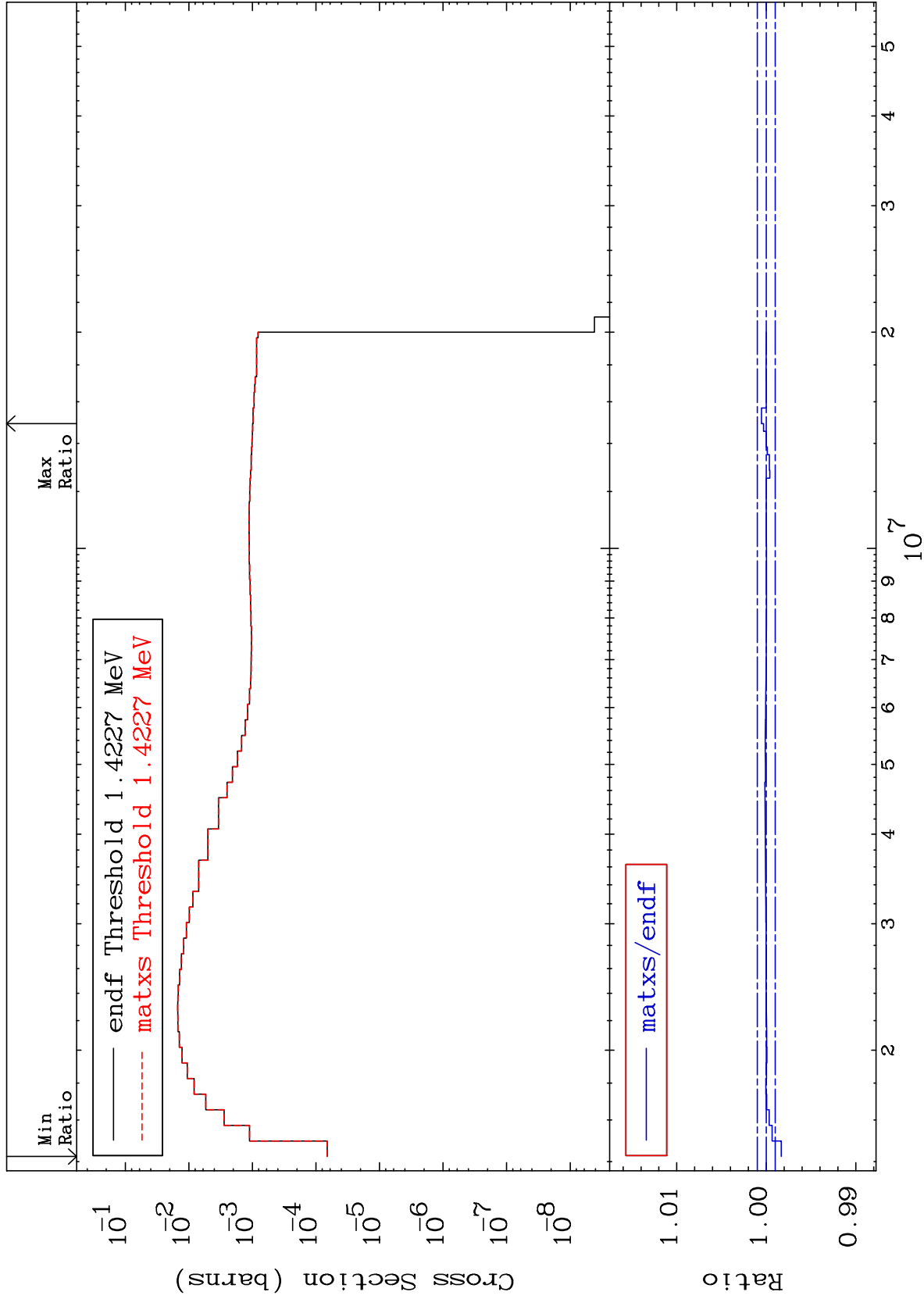
Incident Energy (eV)

78-Pt-190

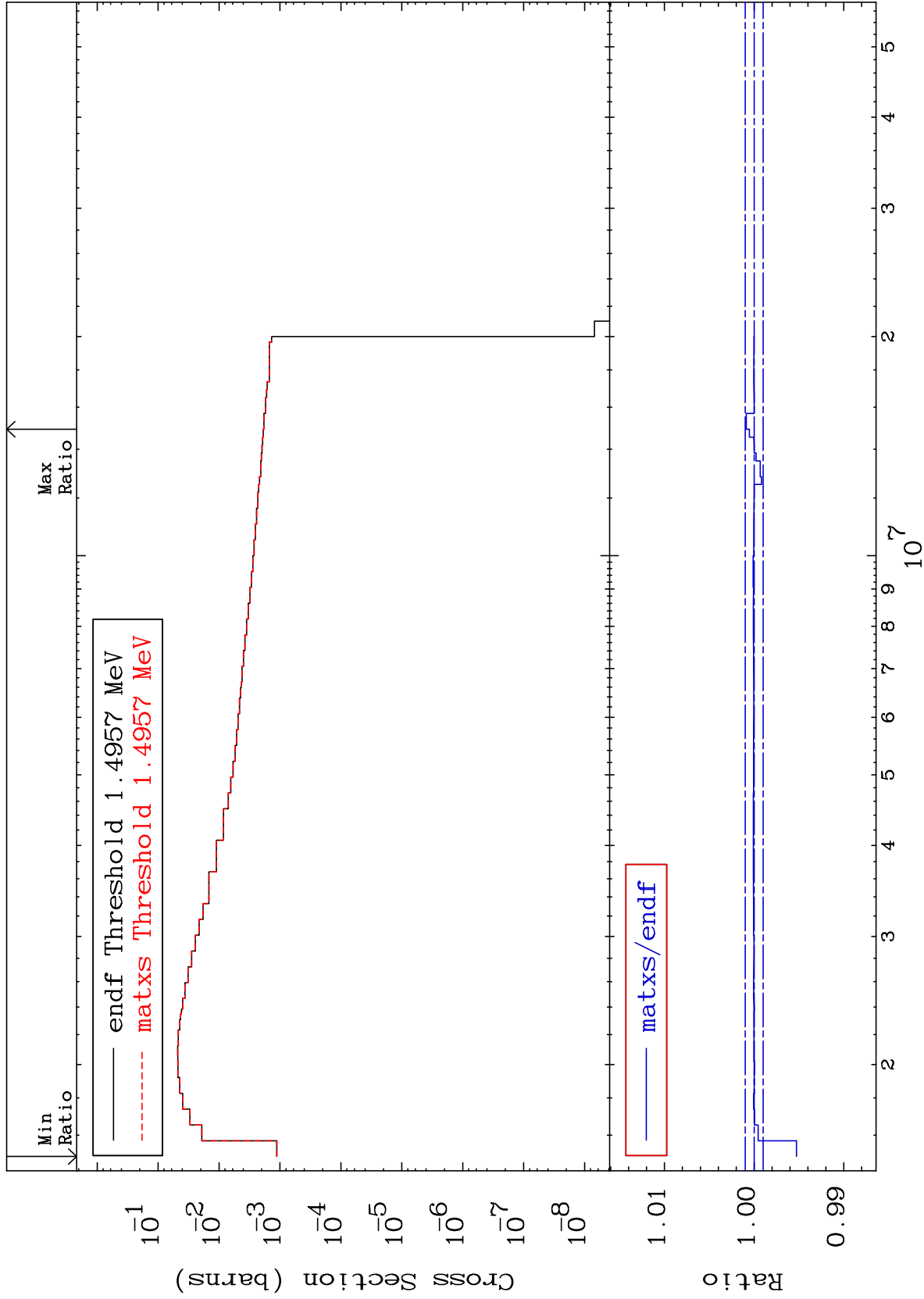
MAT 7825

1.465 MeV (n,n') Level
Cross Section

78-Pt-190
-0.169 To 0.054 %



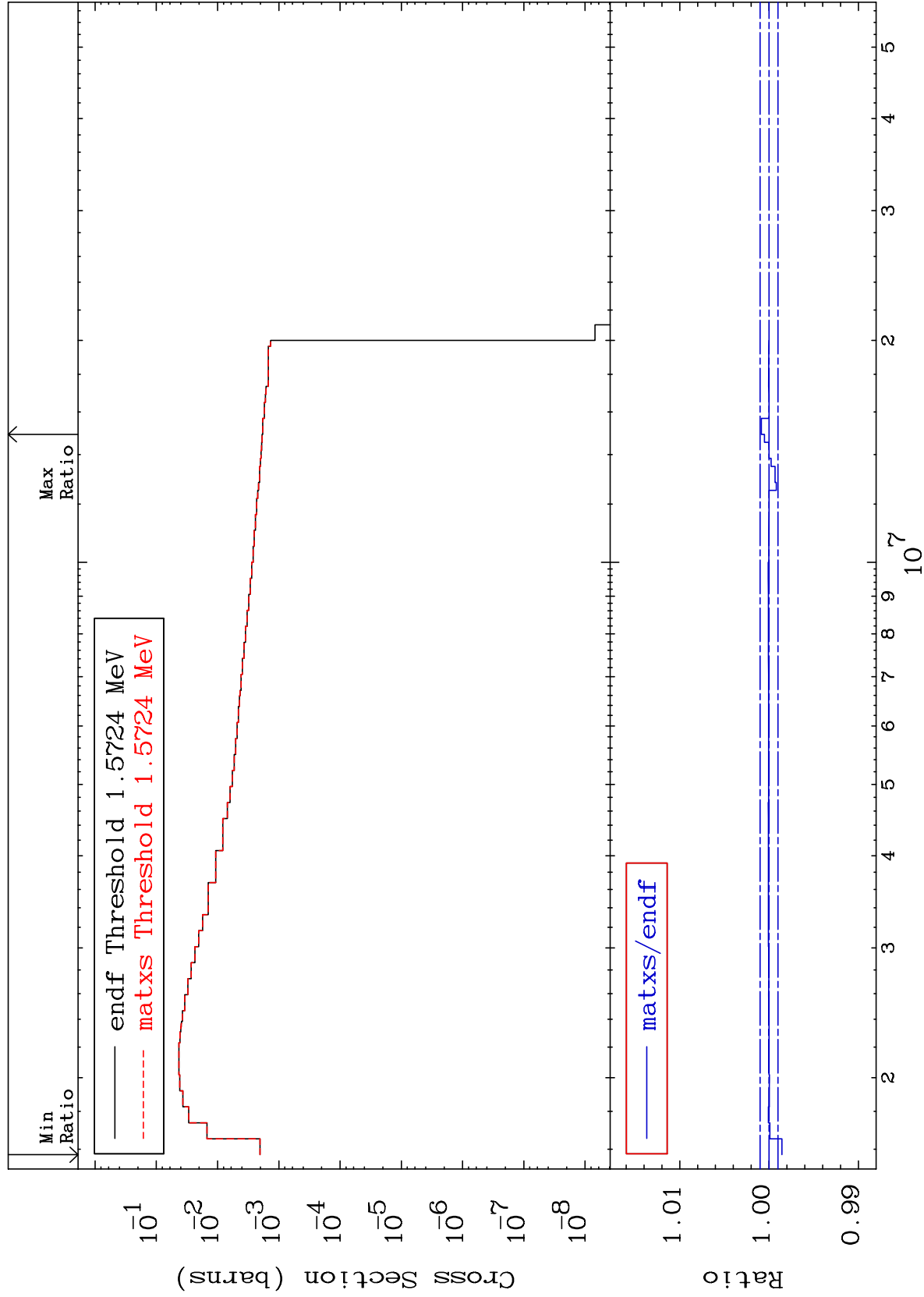
MAT 7825 1.543 MeV (n,n') Level 78-Pt-190
 Cross Section -0.473 To 0.087 %



MAT 7825

1.601 MeV (n,n') Level
Cross Section

78-Pt-190
-0.145 To 0.087 %



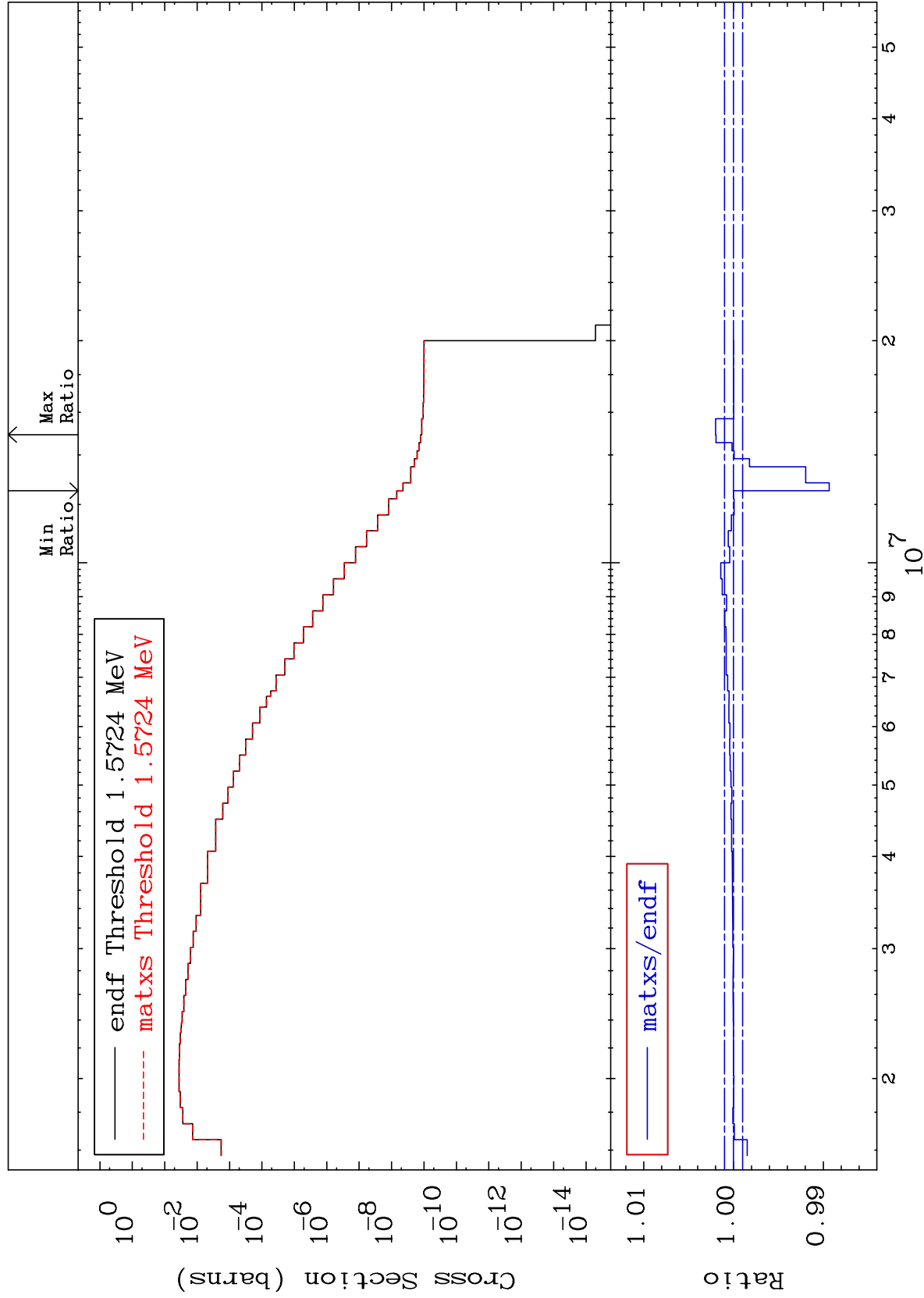
18

78-Pt-190

MAT 7825

1.602 MeV (n,n') Level
Cross Section

78-Pt-190
-1.065 To 0.201 %



19

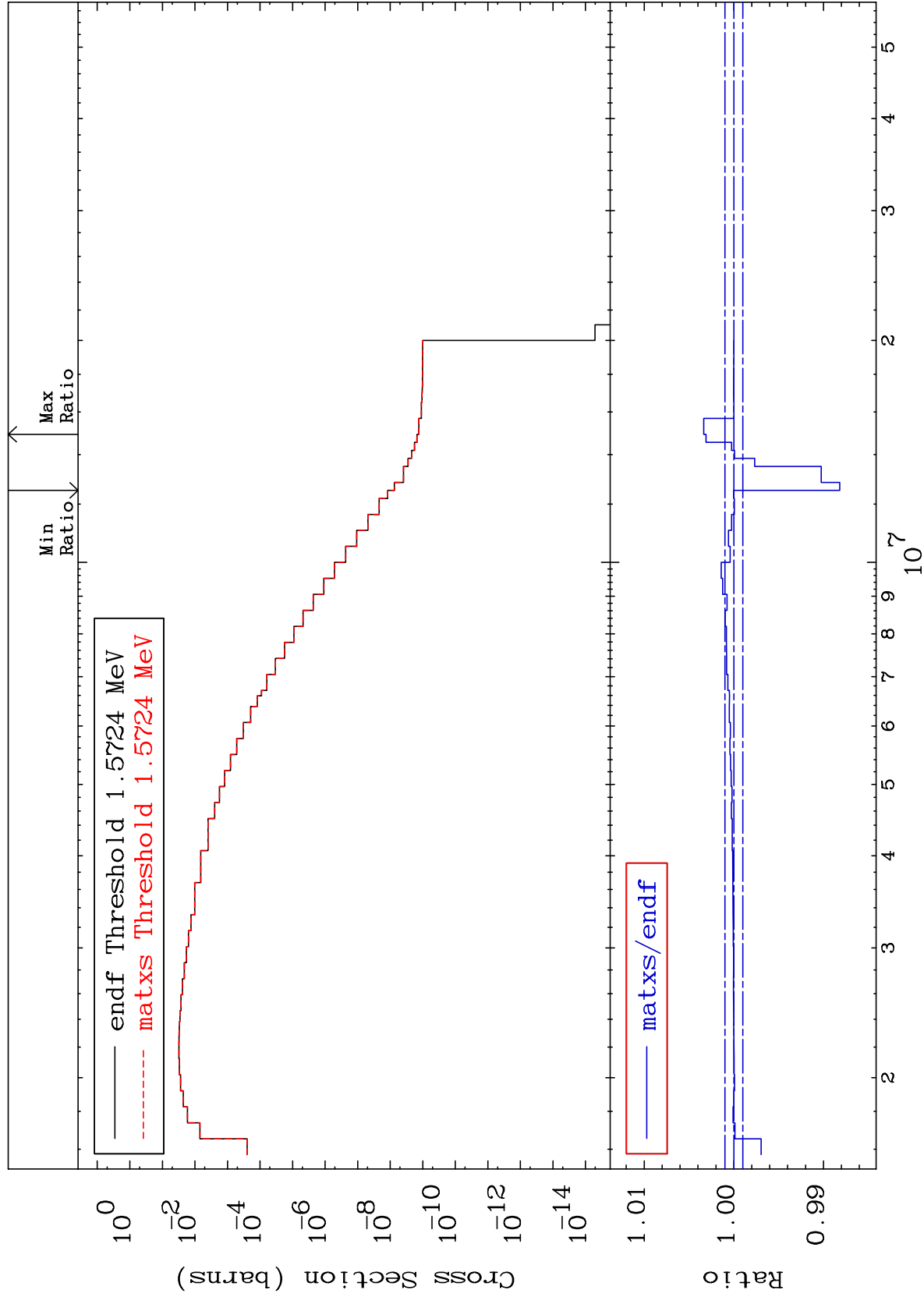
Incident Energy (eV)

78-Pt-190

MAT 7825

1.626 MeV (n,n') Level
Cross Section

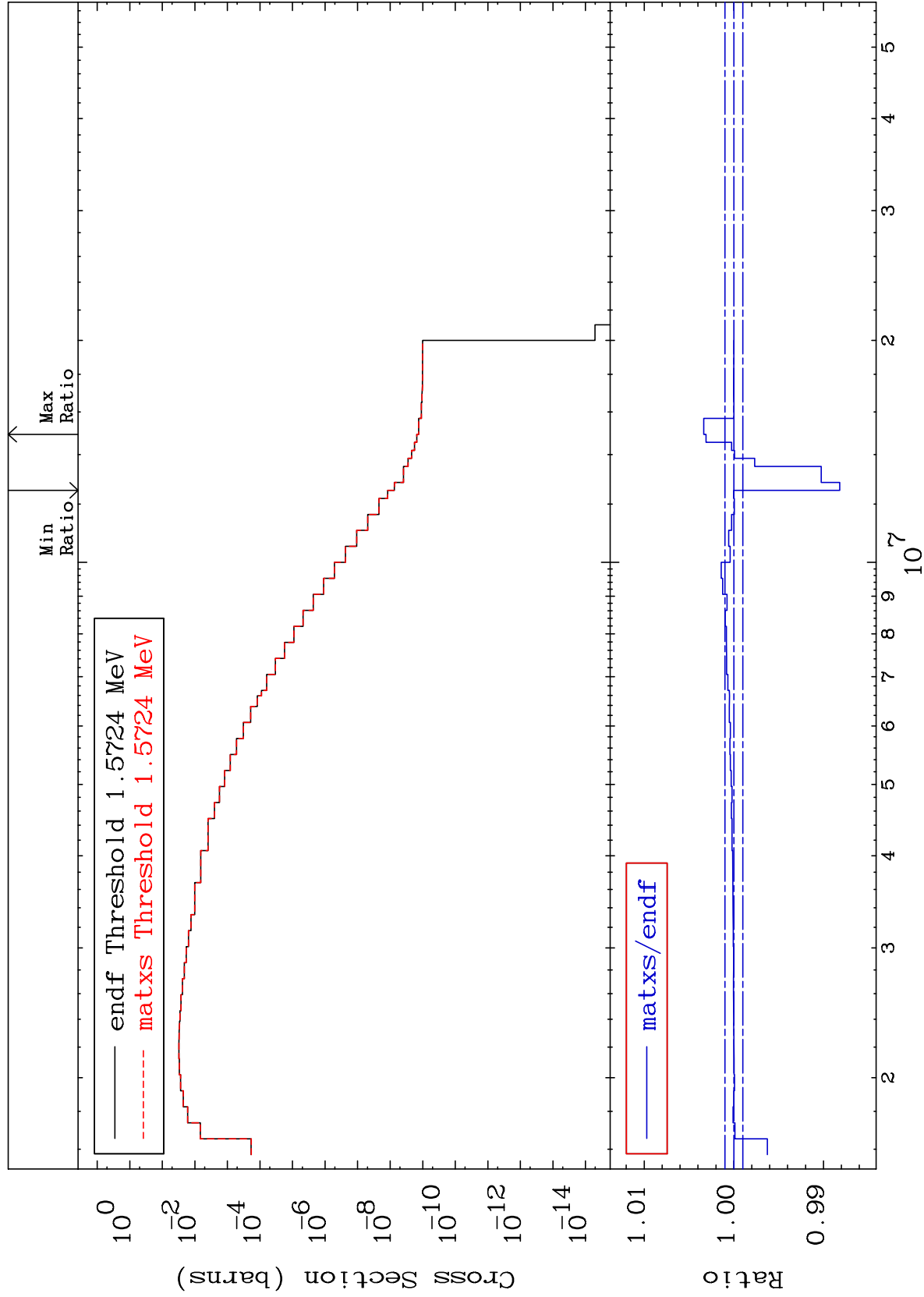
78-Pt-190
-1.180 To 0.336 %



MAT 7825

1.628 MeV (n,n') Level
Cross Section

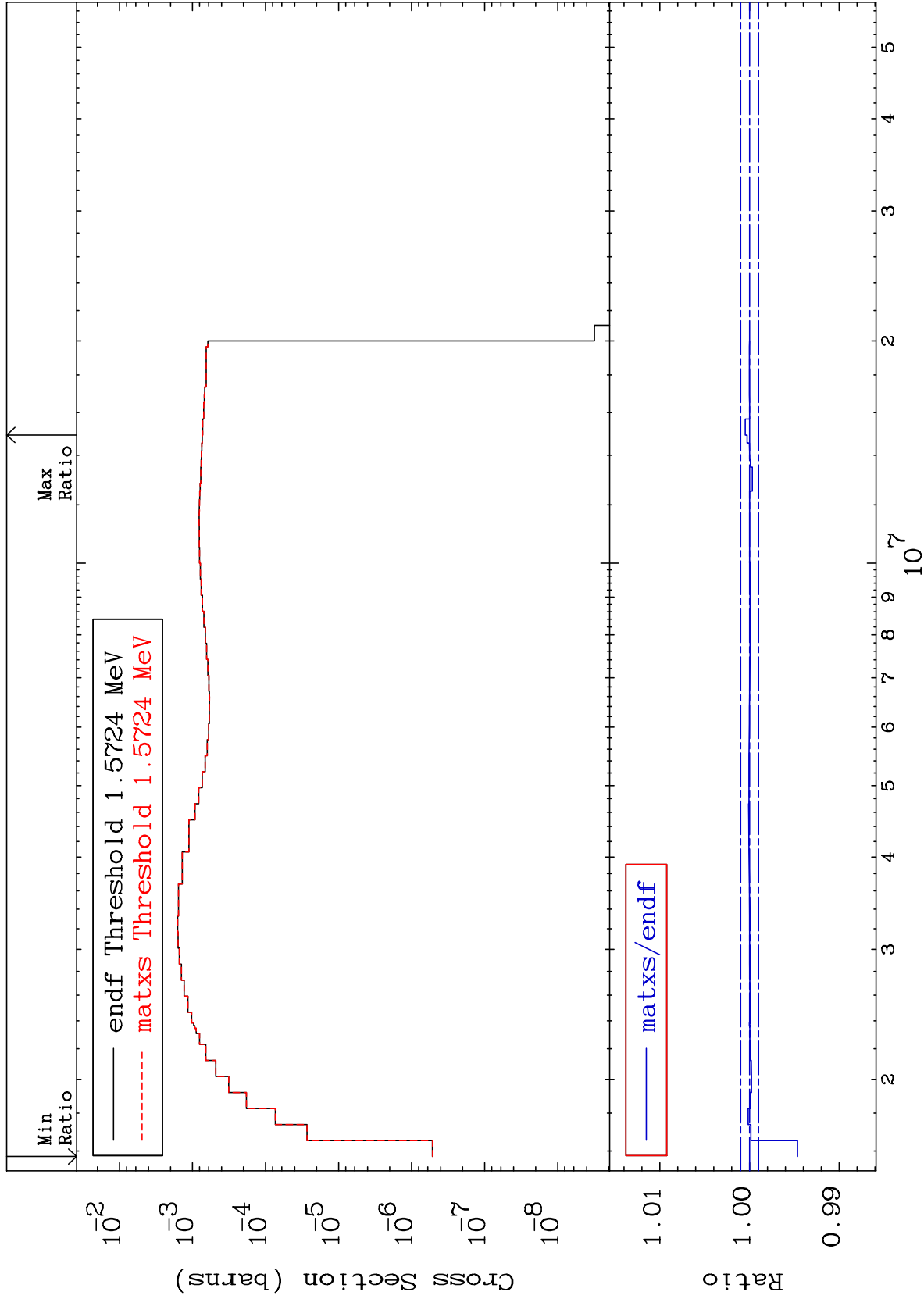
78-Pt-190
-1.180 To 0.336 %



MAT 7825

1.631 MeV (n,n') Level
Cross Section

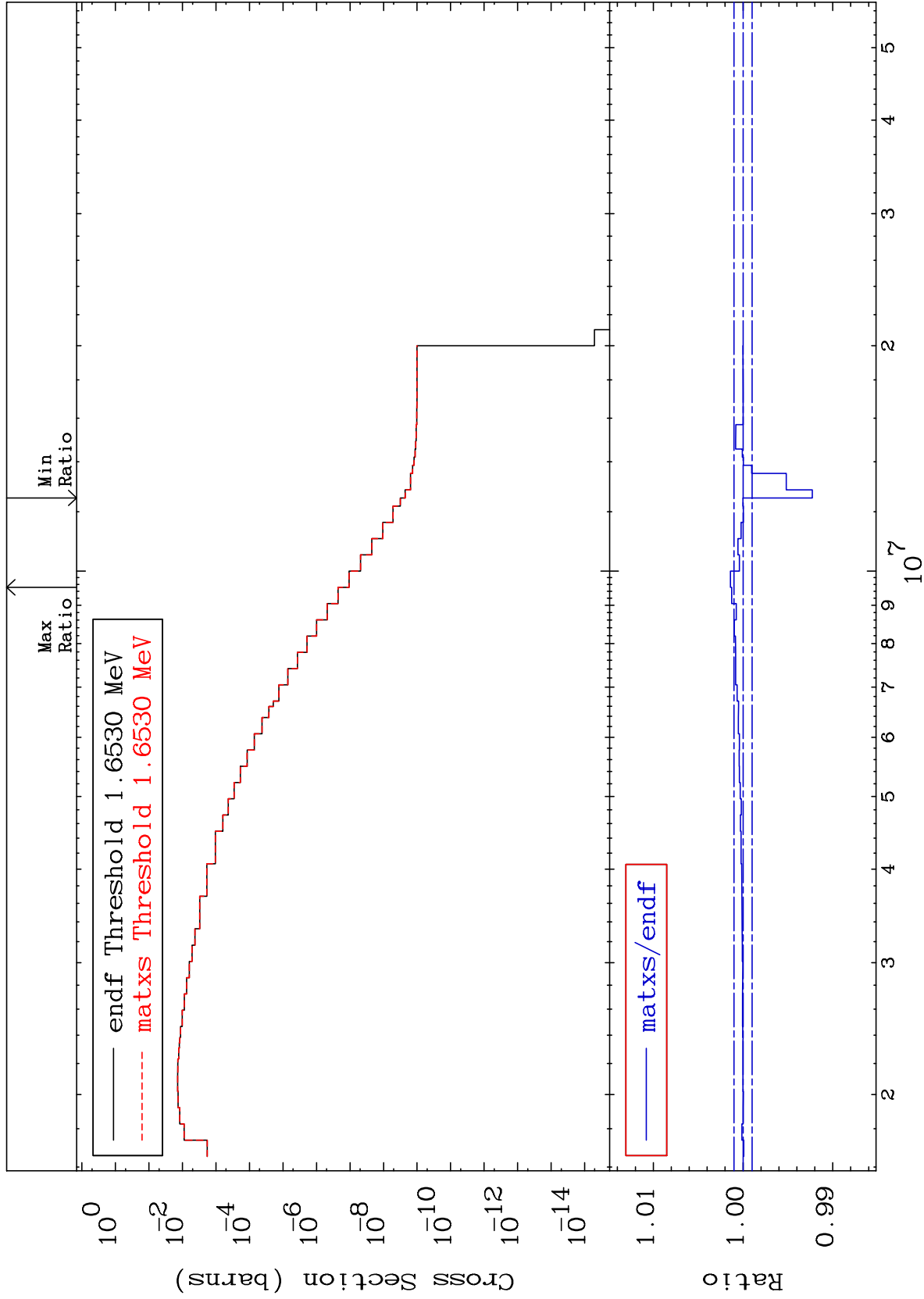
78-Pt-190
-0.536 To 0.049 %



MAT 7825

1.670 MeV (n,n') Level
Cross Section

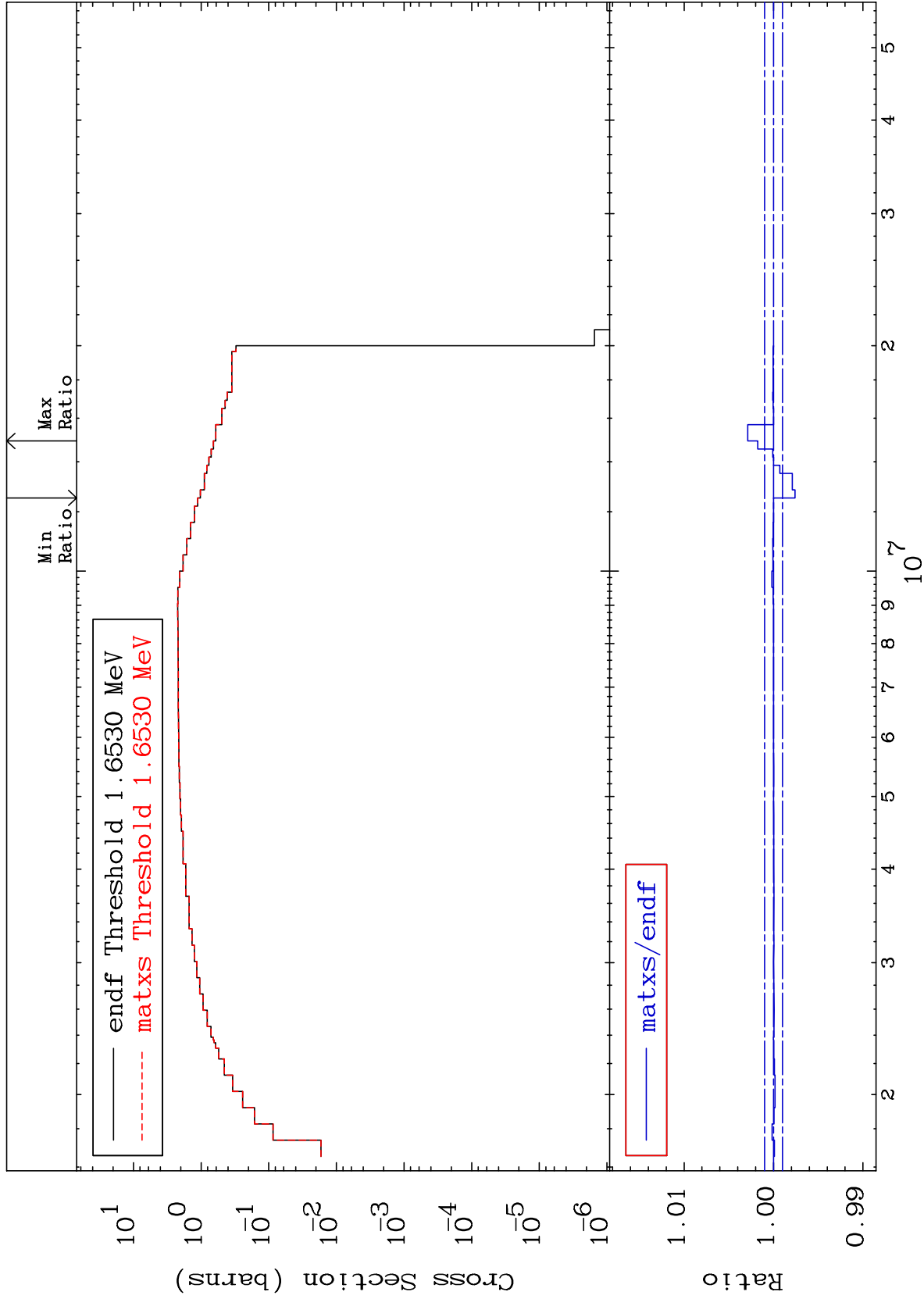
78-Pt-190
-0.773 To 0.141 %



MAT 7825

(n, n') Continuum
Cross Section

78-Pt-190
-0.240 To 0.288 %



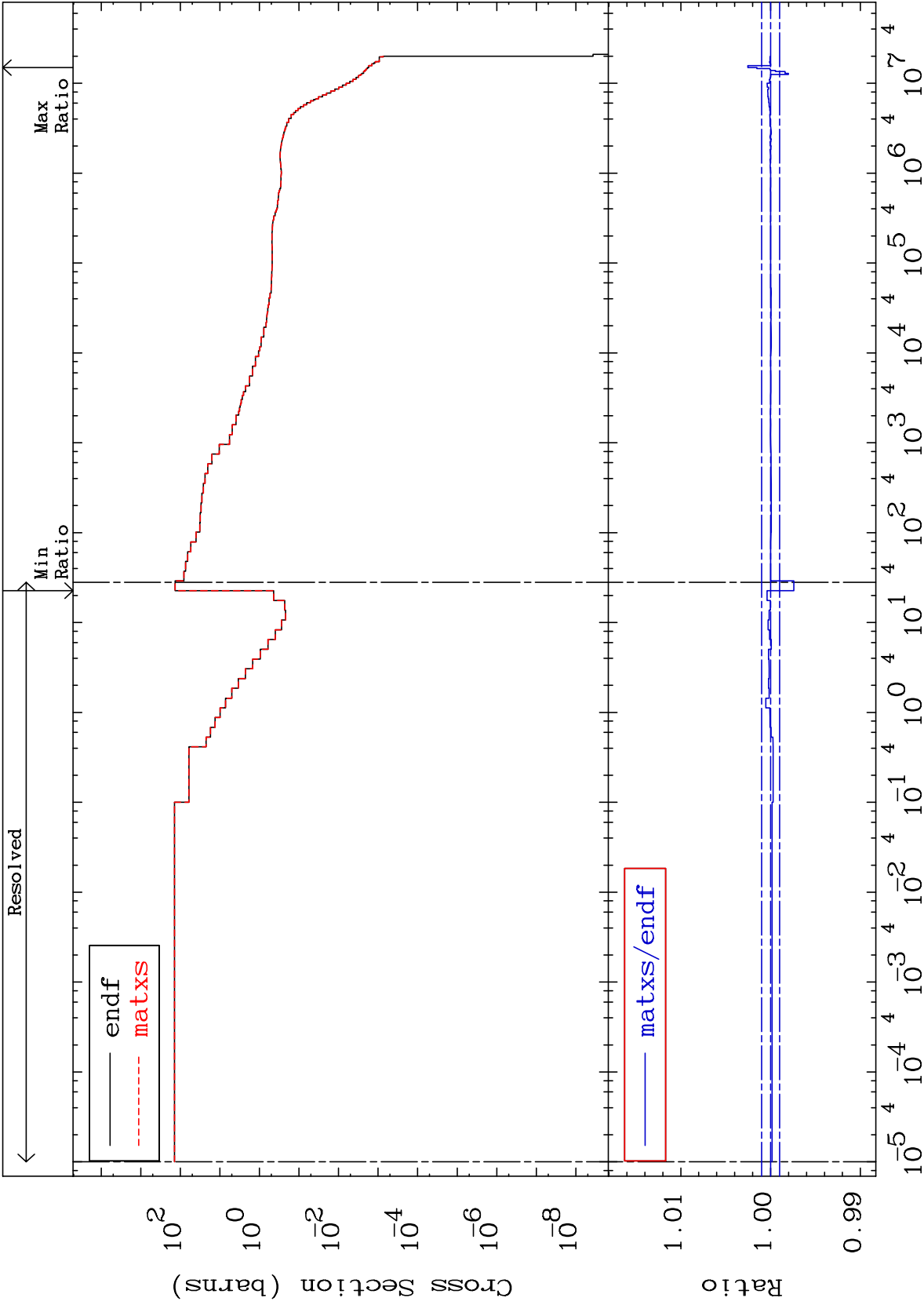
MAT 7825

(n, γ)

78-Pt-190

Cross Section

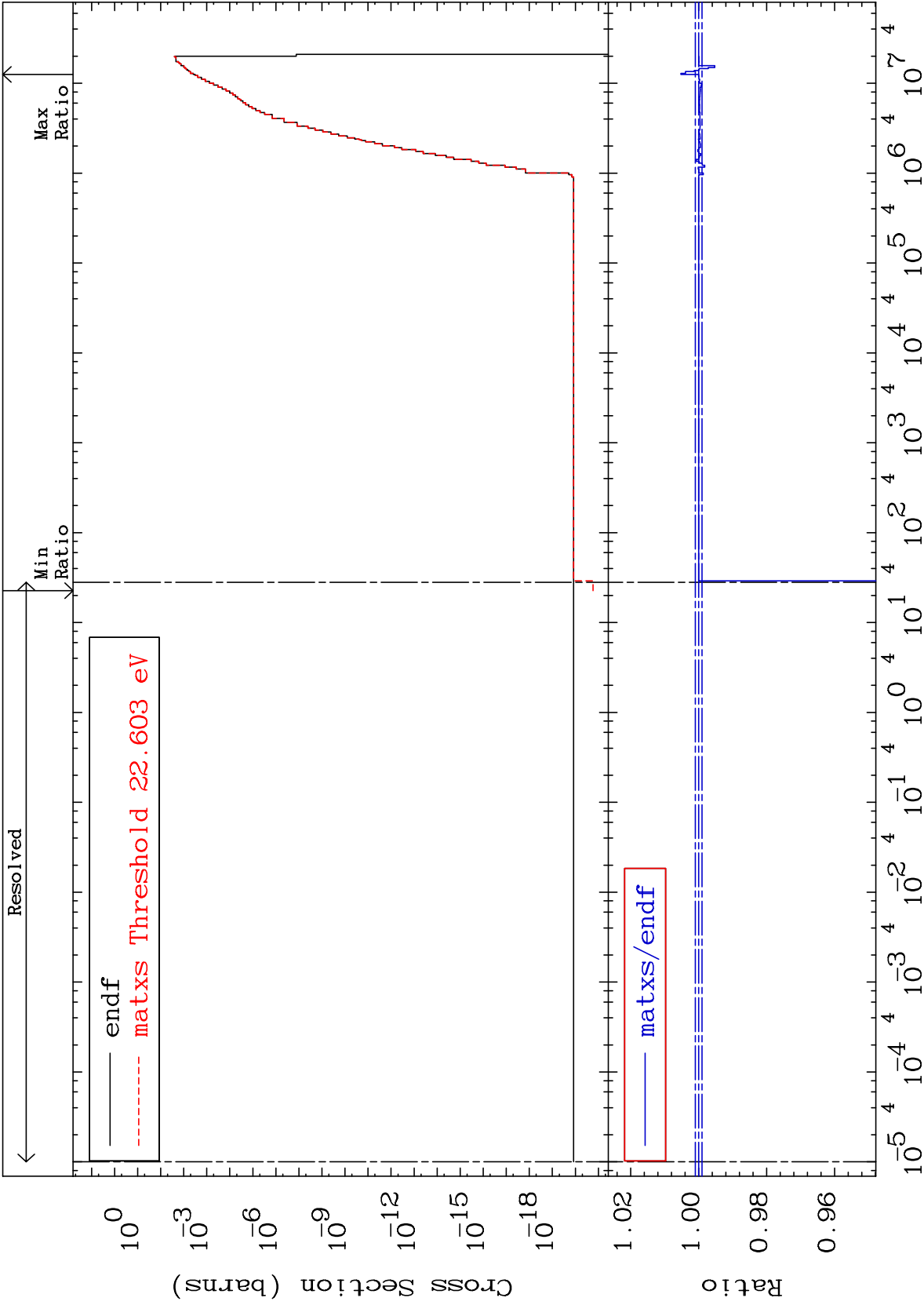
-0.258 To 0.255 %



MAT 7825

(n,p)
Cross Section

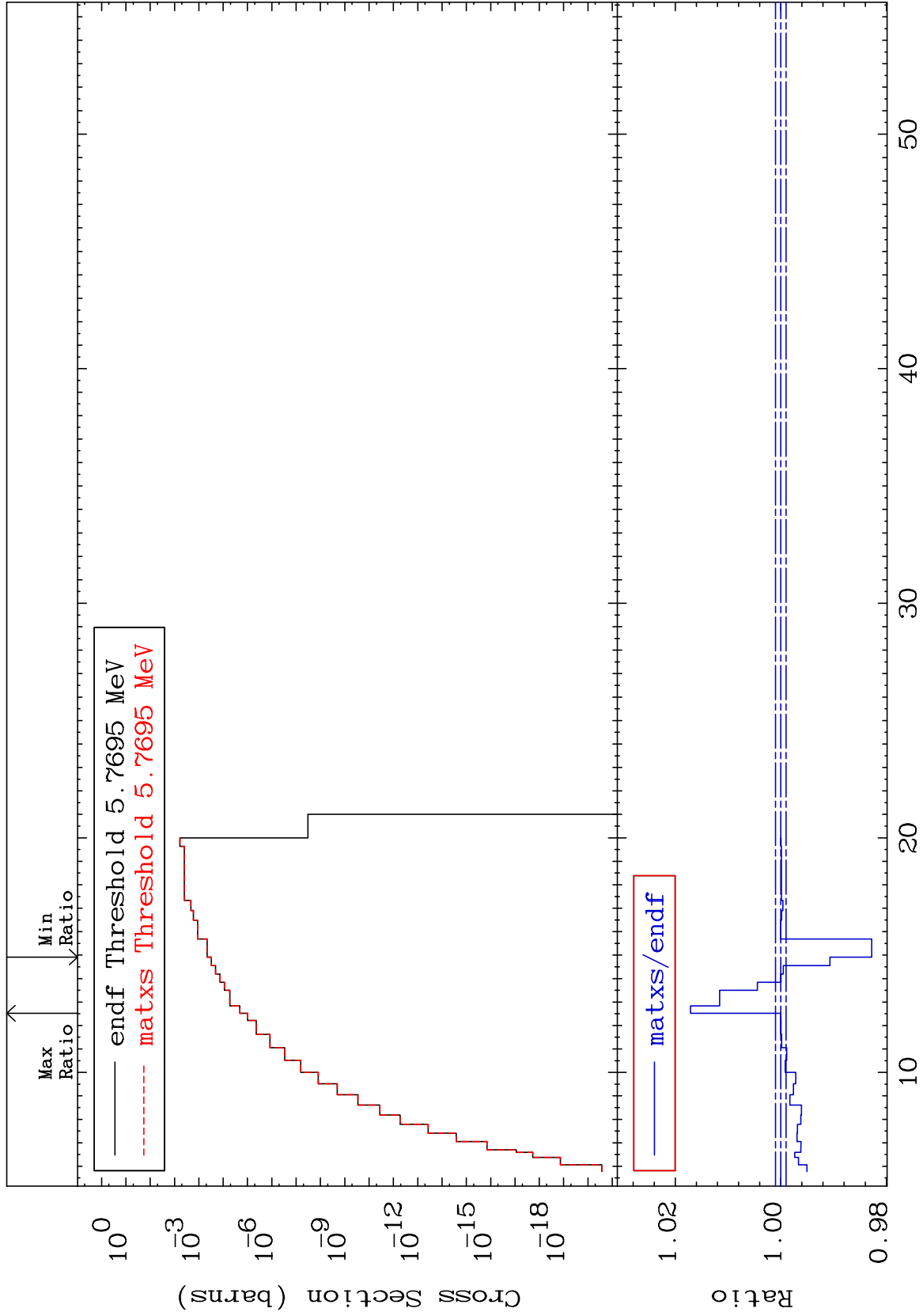
78-Pt-190
-85.64 To 0.520 %



MAT 7825

(n, d)
Cross Section

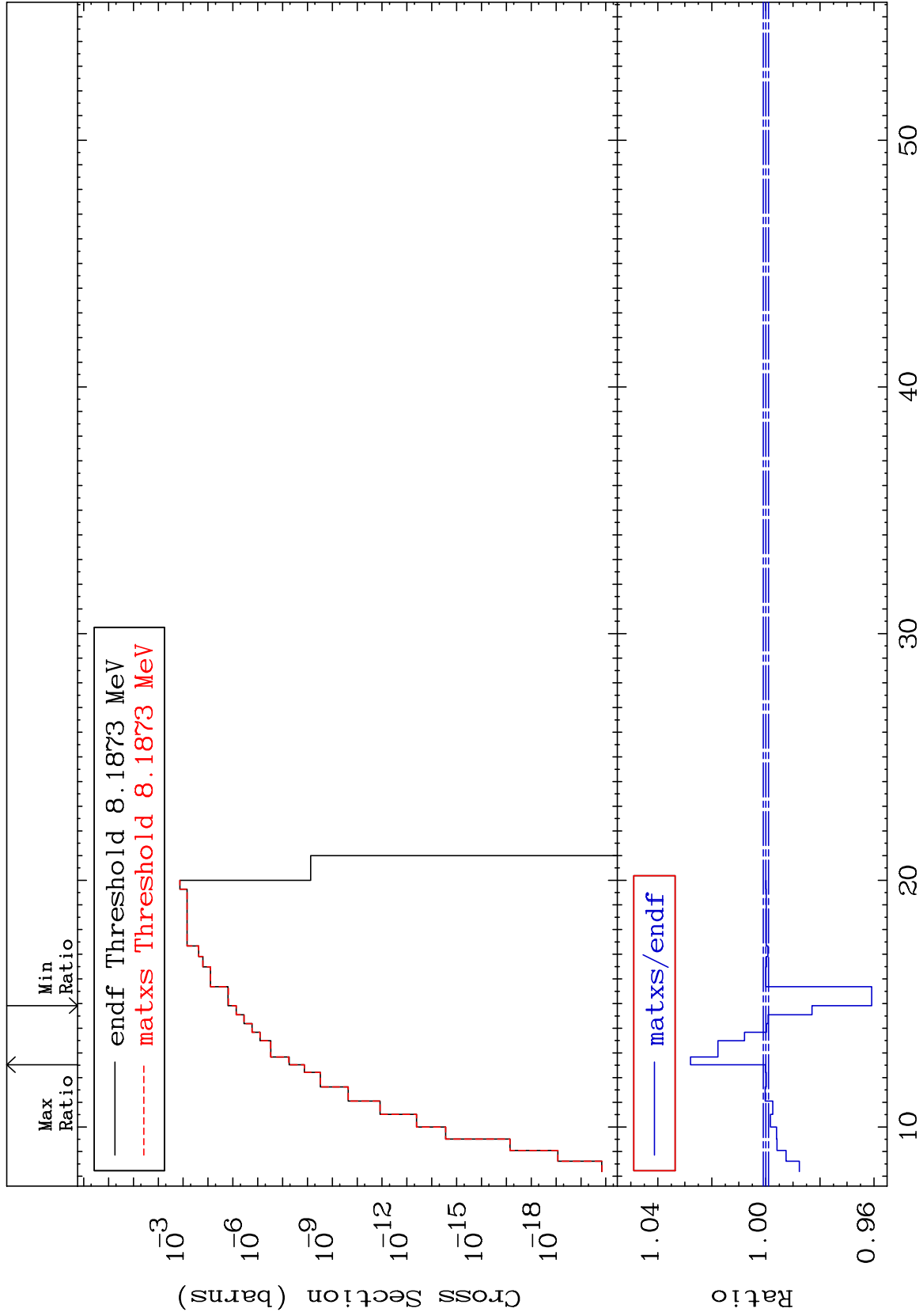
78-Pt-190
-1.722 To 1.712 %



MAT 7825

(n, t)
Cross Section

78-Pt-190
-3.915 To 2.788 %



28

Incident Energy (MeV)

78-Pt-190

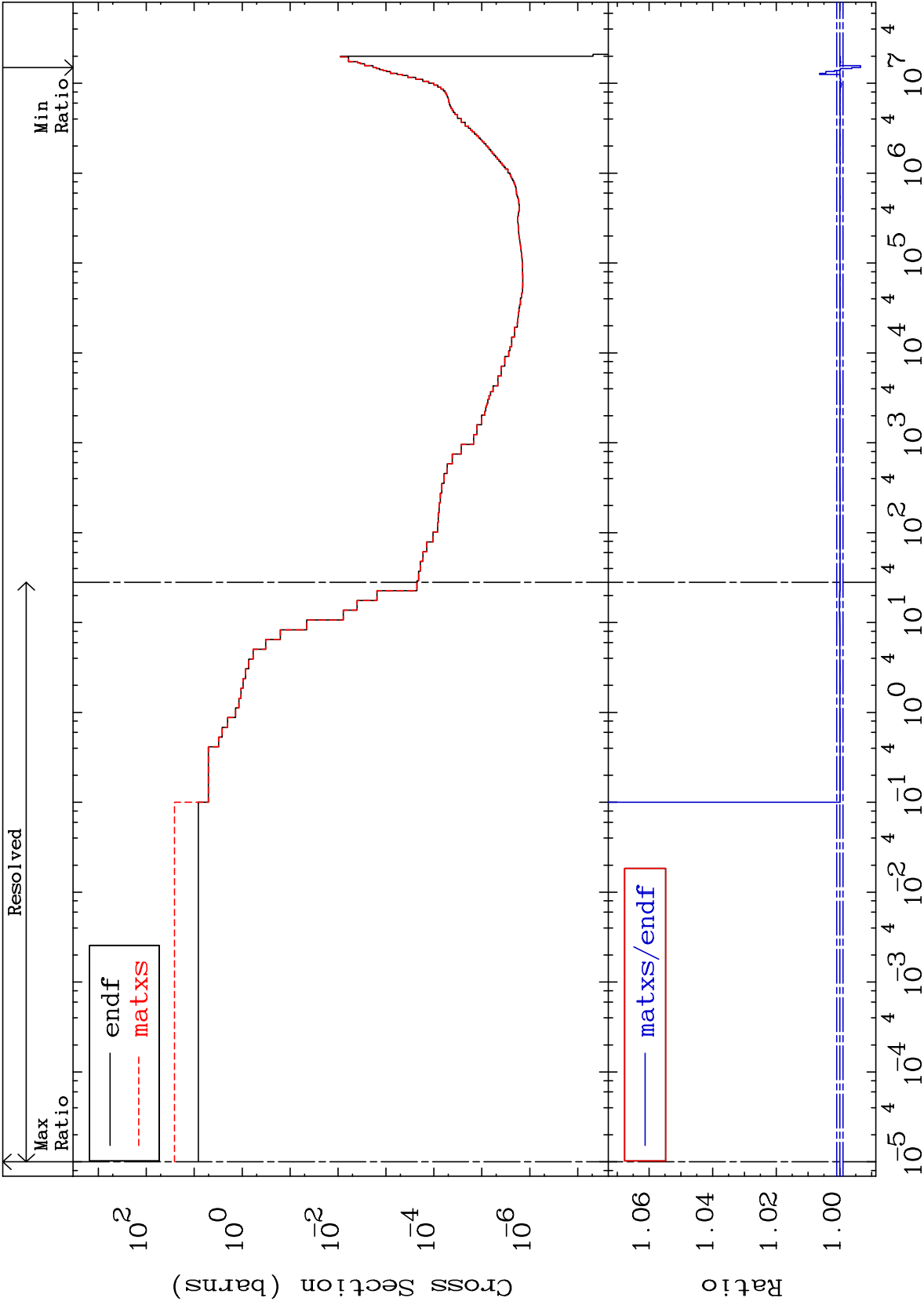
MAT 7825

(n, α)

78-Pt-190

Cross Section

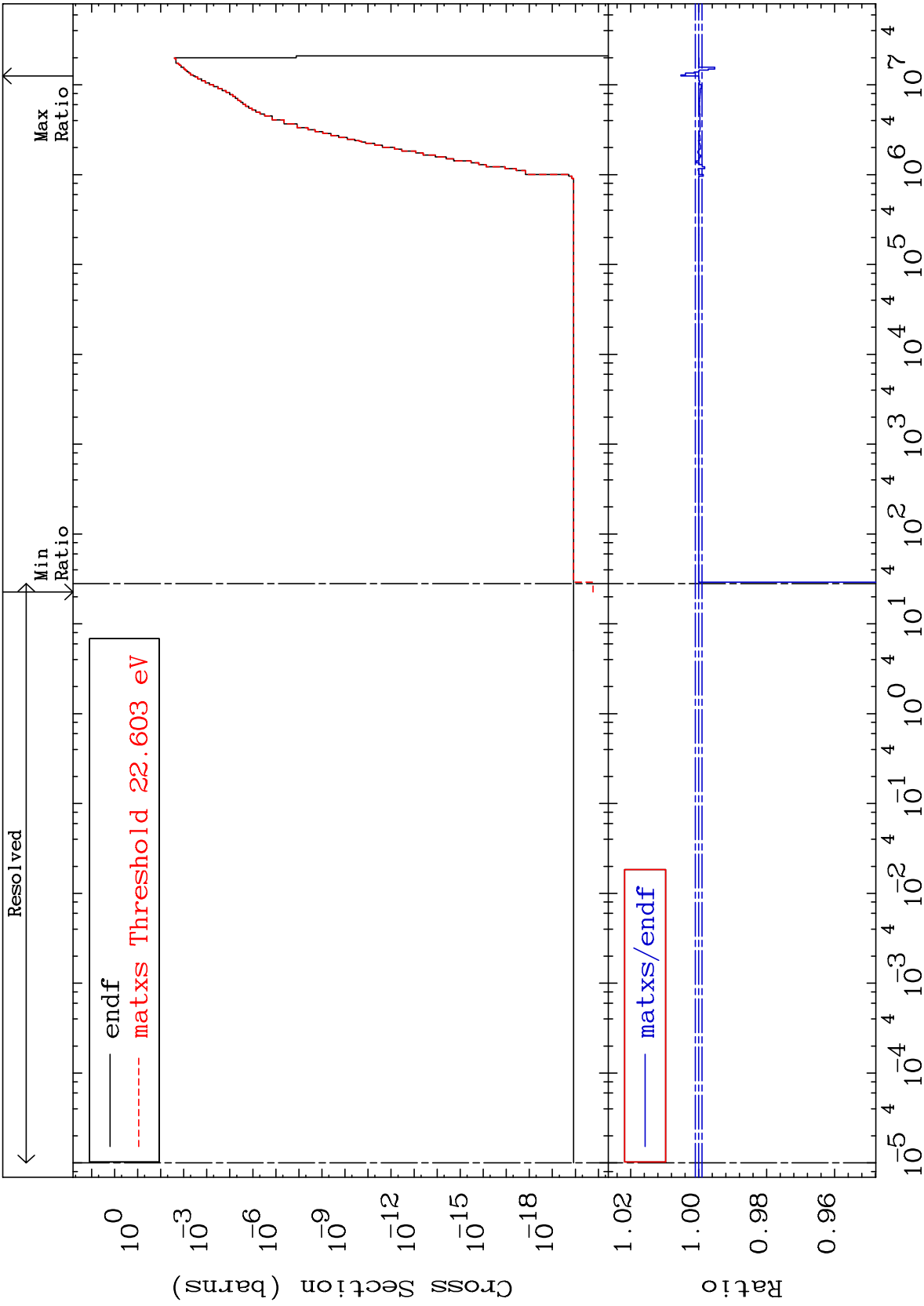
-0.650 To 214.3 %



MAT 7825

170.5 keV (n,p') Level
Cross Section

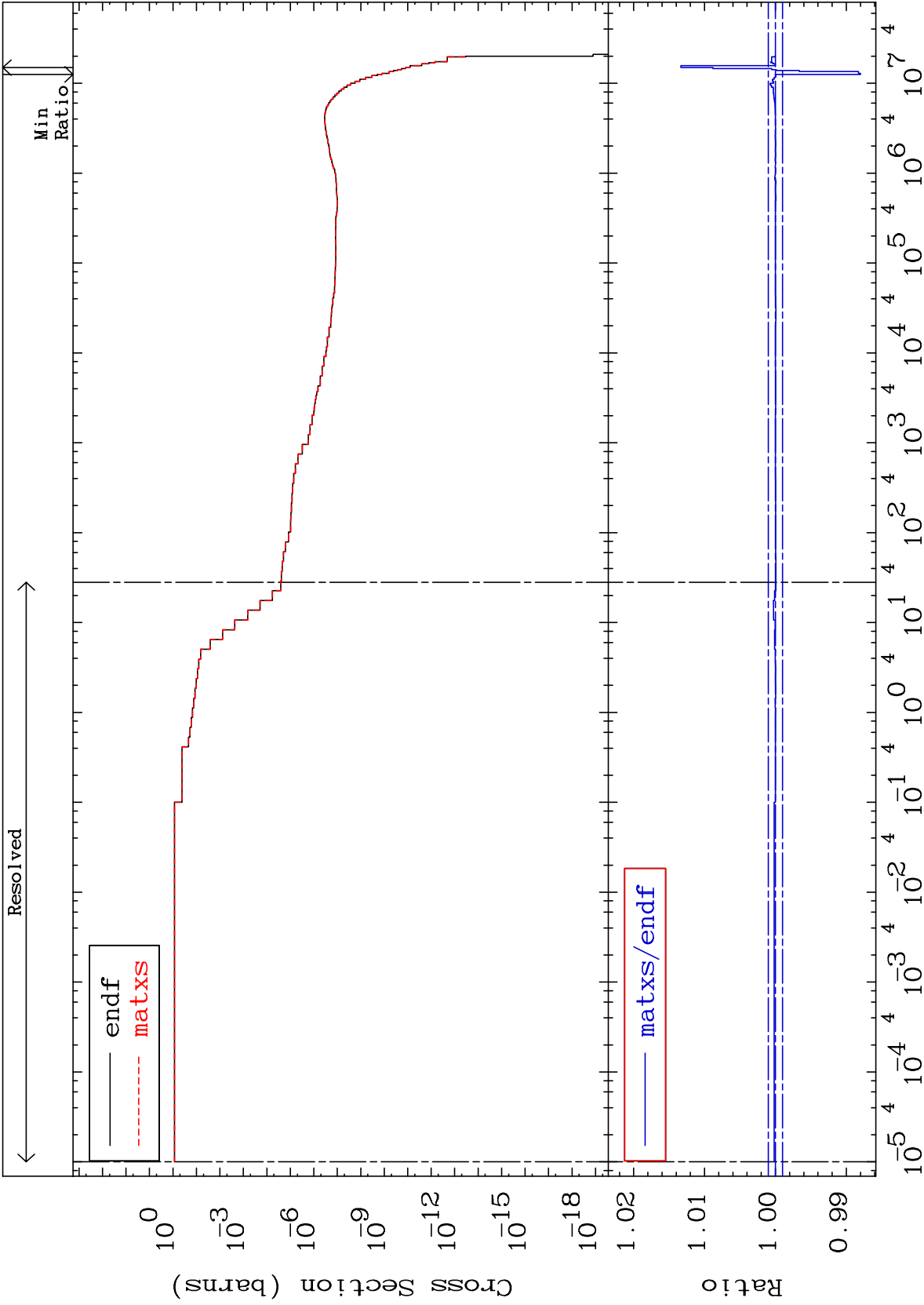
78-Pt-190
-85.64 To 0.520 %



MAT 7825

(n, α') Ground
Cross Section

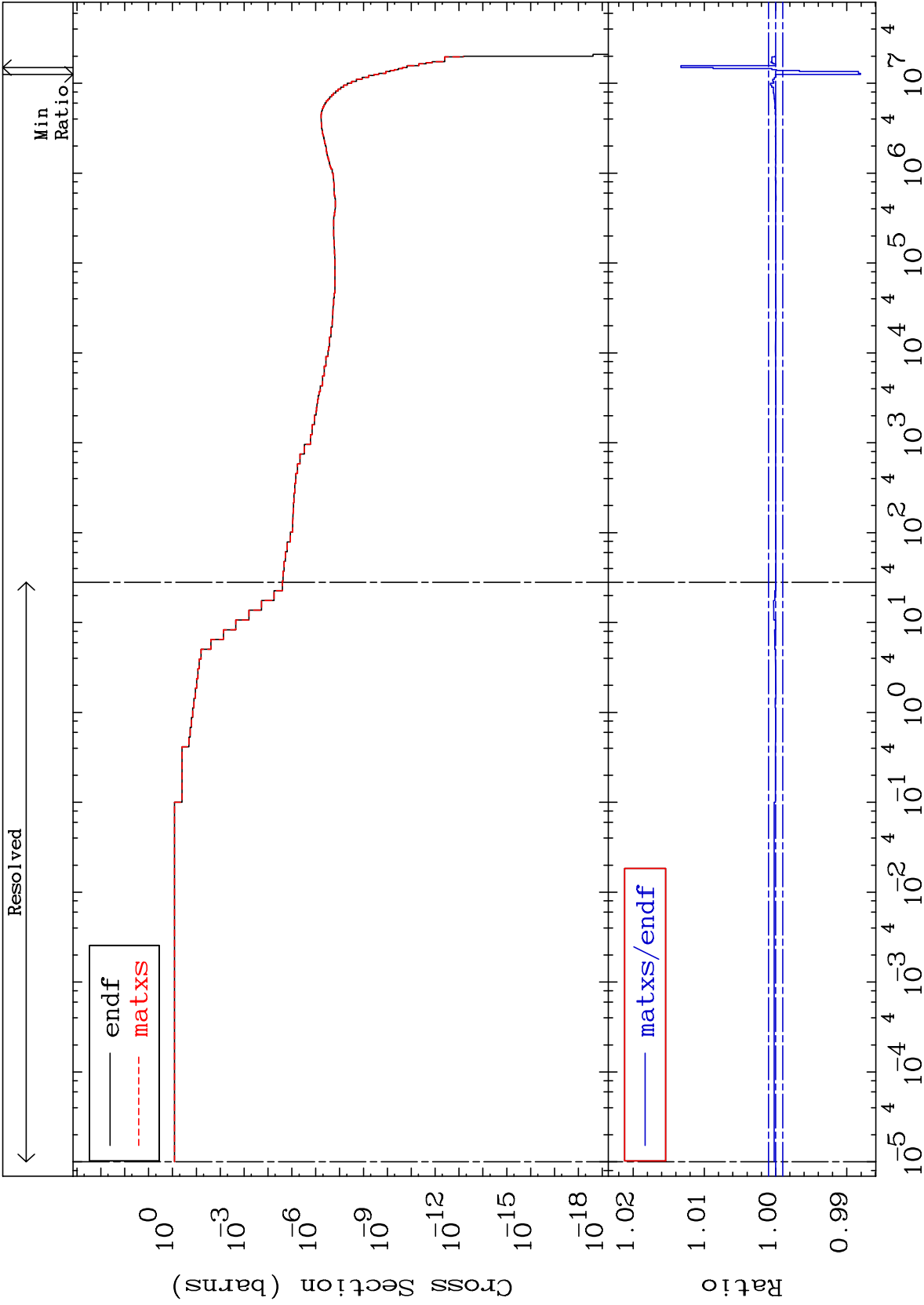
78-Pt-190
-1.201 To 1.333 %



MAT 7825

9.740 keV (n,α') Level
Cross Section

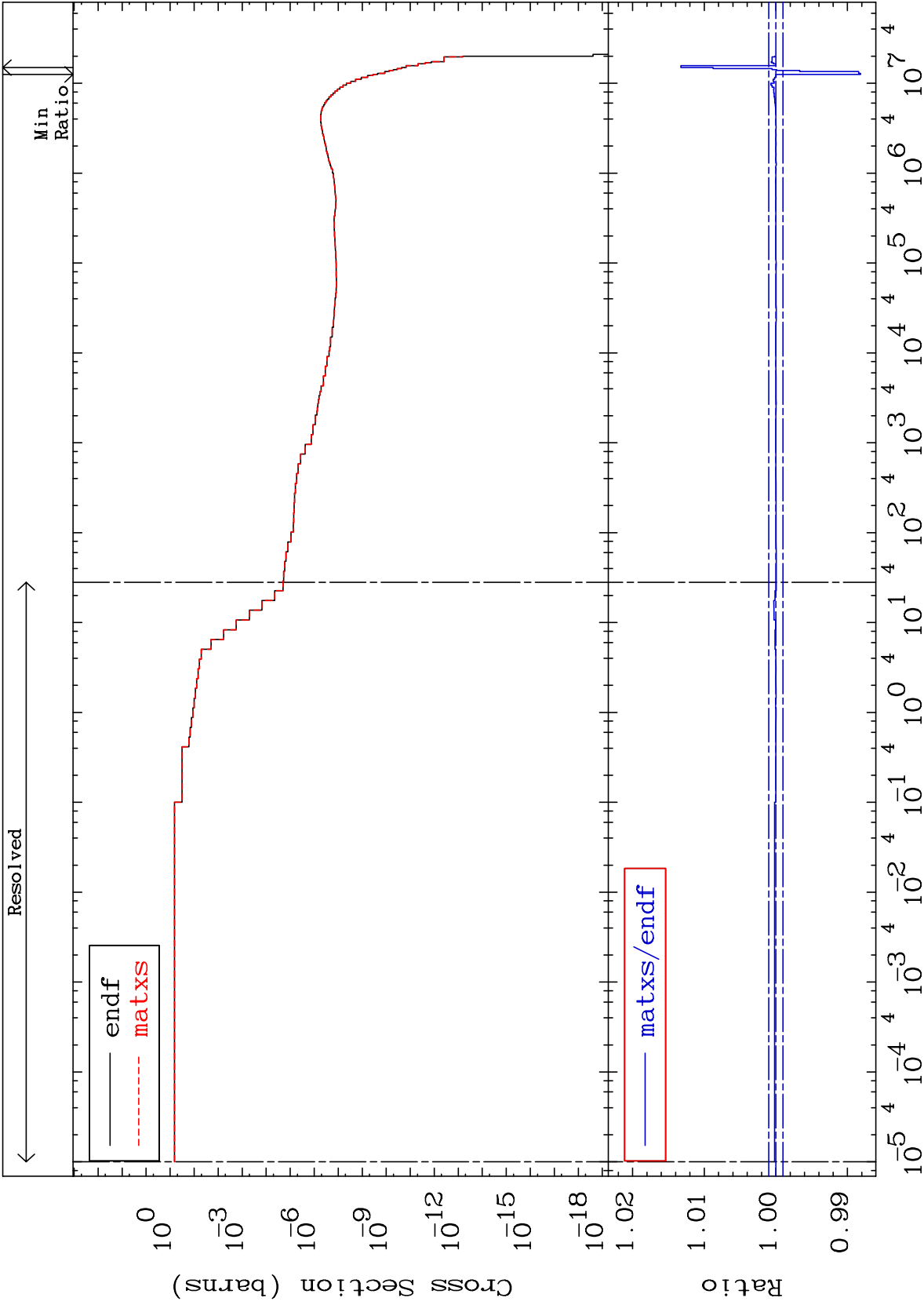
78-Pt-190
-1.192 To 1.329 %



MAT 7825

74.33 keV (n, α') Level
Cross Section

78-Pt-190
-1.183 To 1.326 %



33

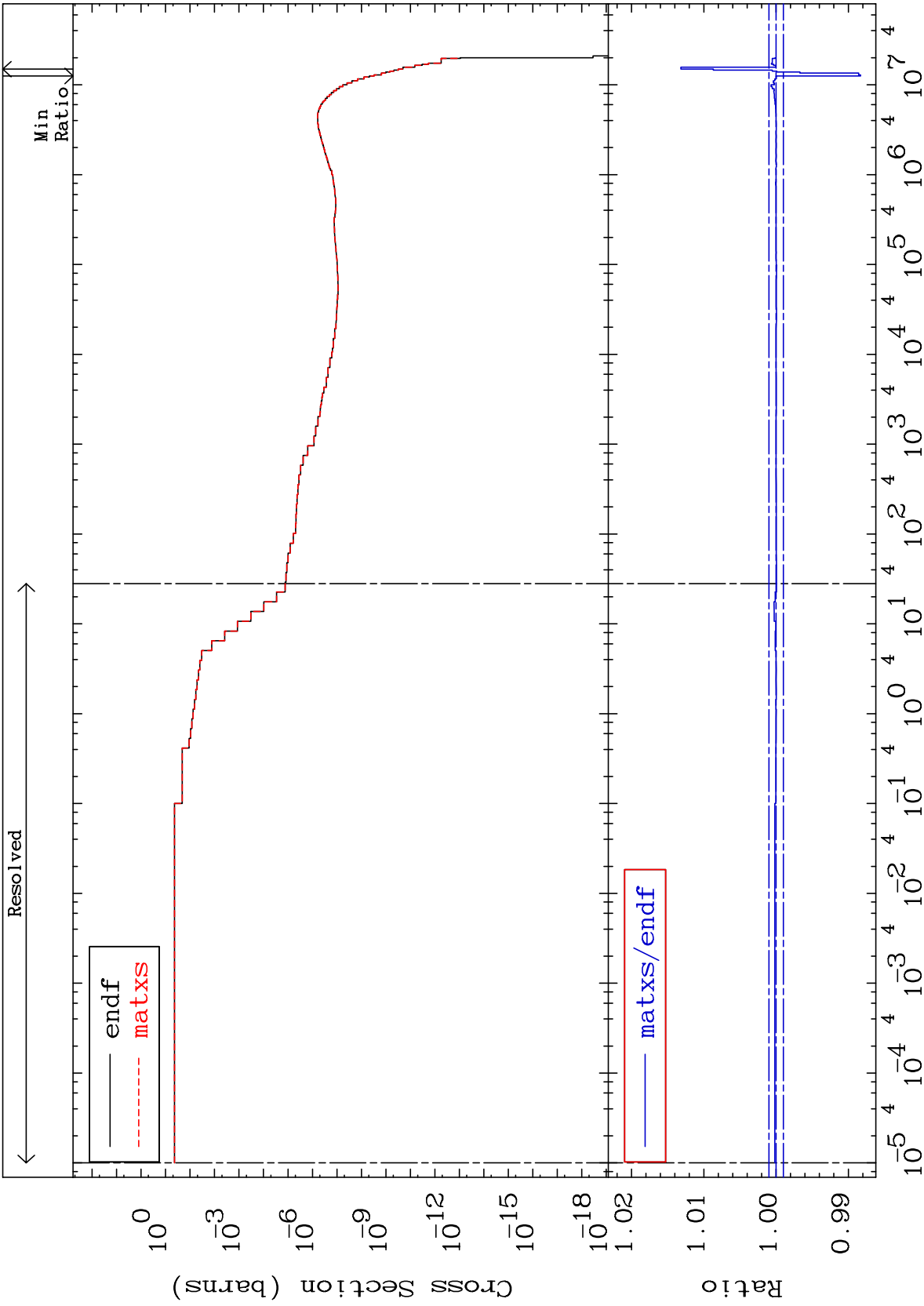
Incident Energy (eV)

78-Pt-190

MAT 7825

75.04 keV (n, α') Level
Cross Section

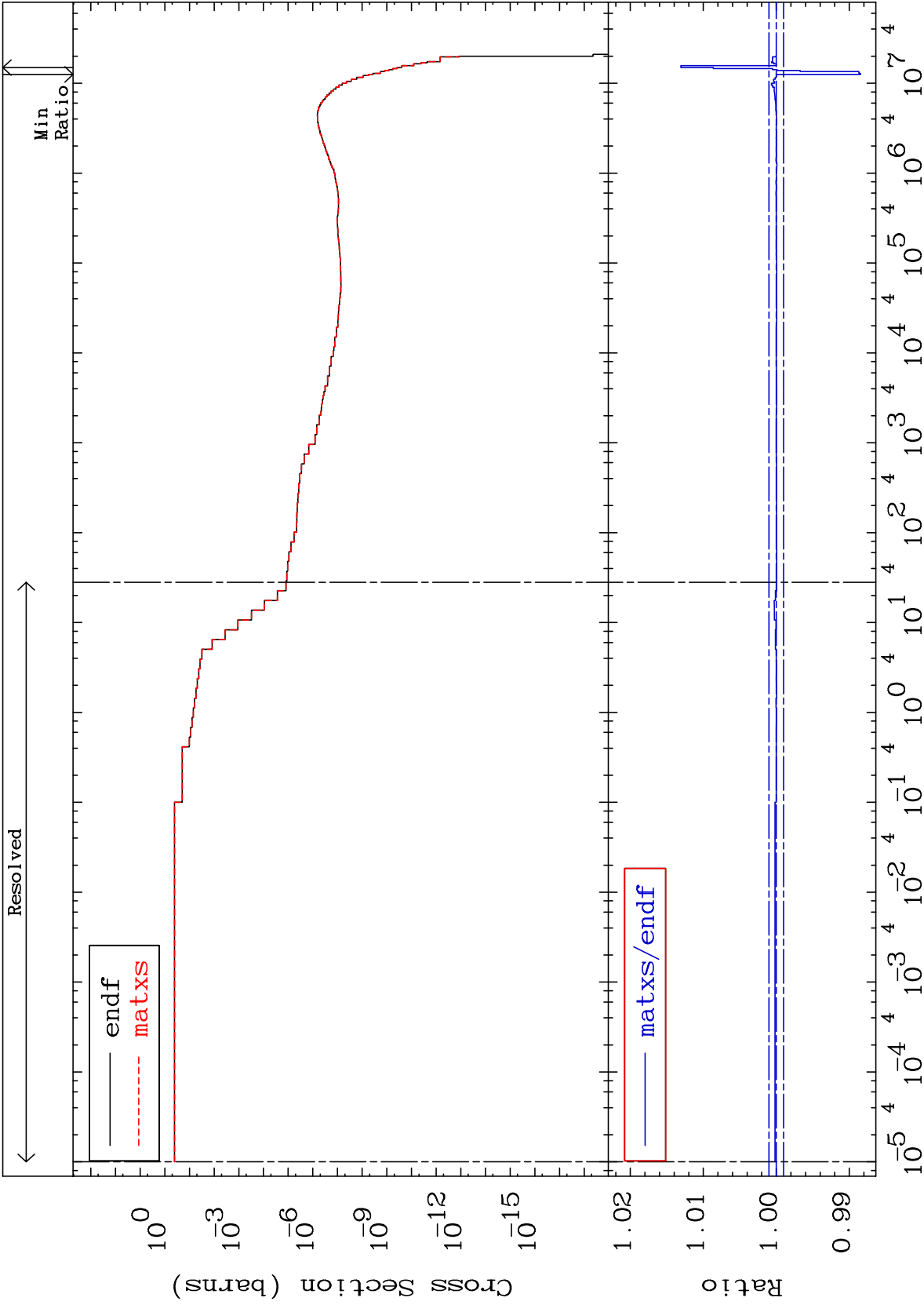
78-Pt-190
-1.169 To 1.316 %



MAT 7825

100.6 keV (n,α') Level
Cross Section

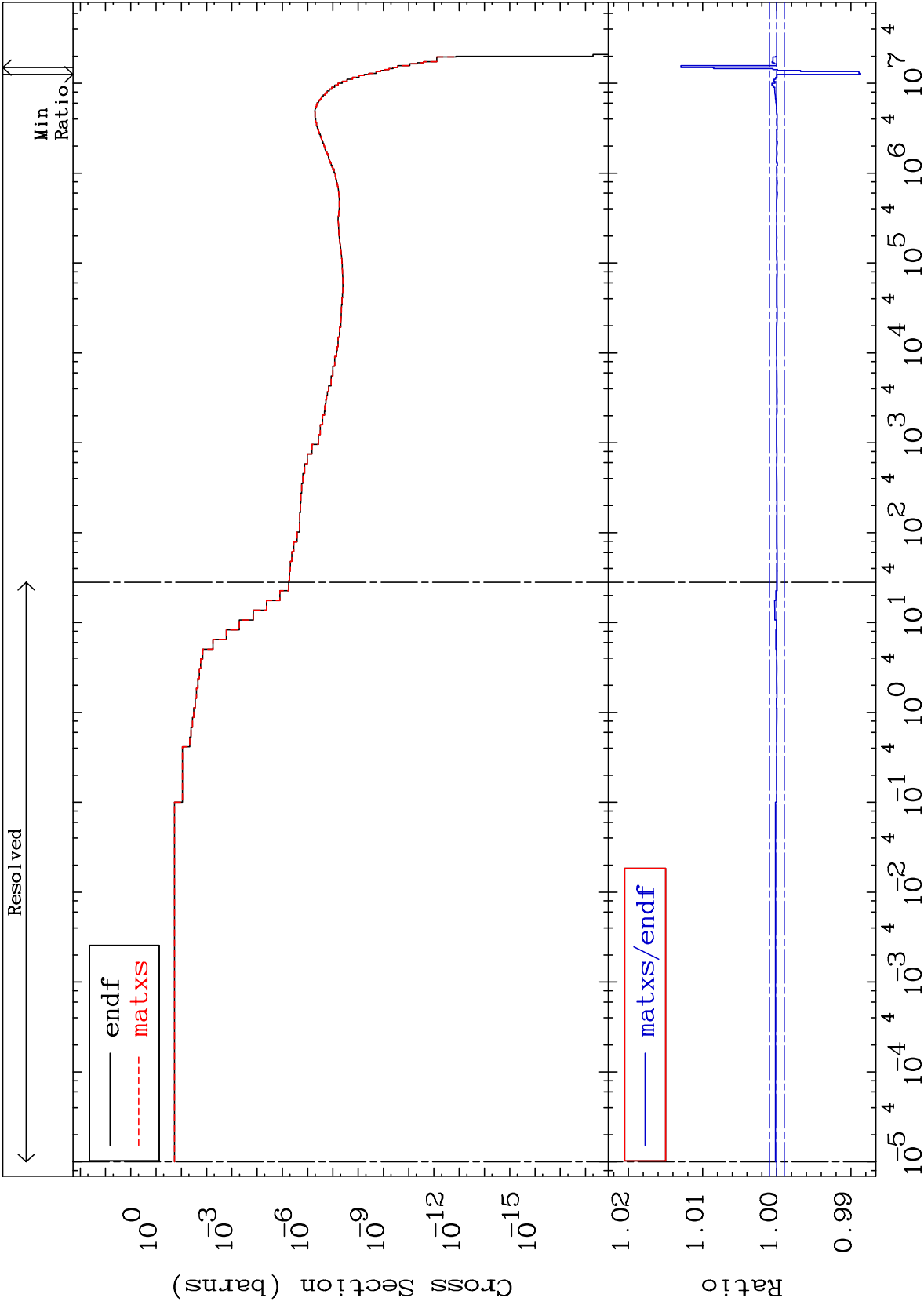
78-Pt-190
-1.154 To 1.307 %



MAT 7825

117.0 keV (n,α') Level
Cross Section

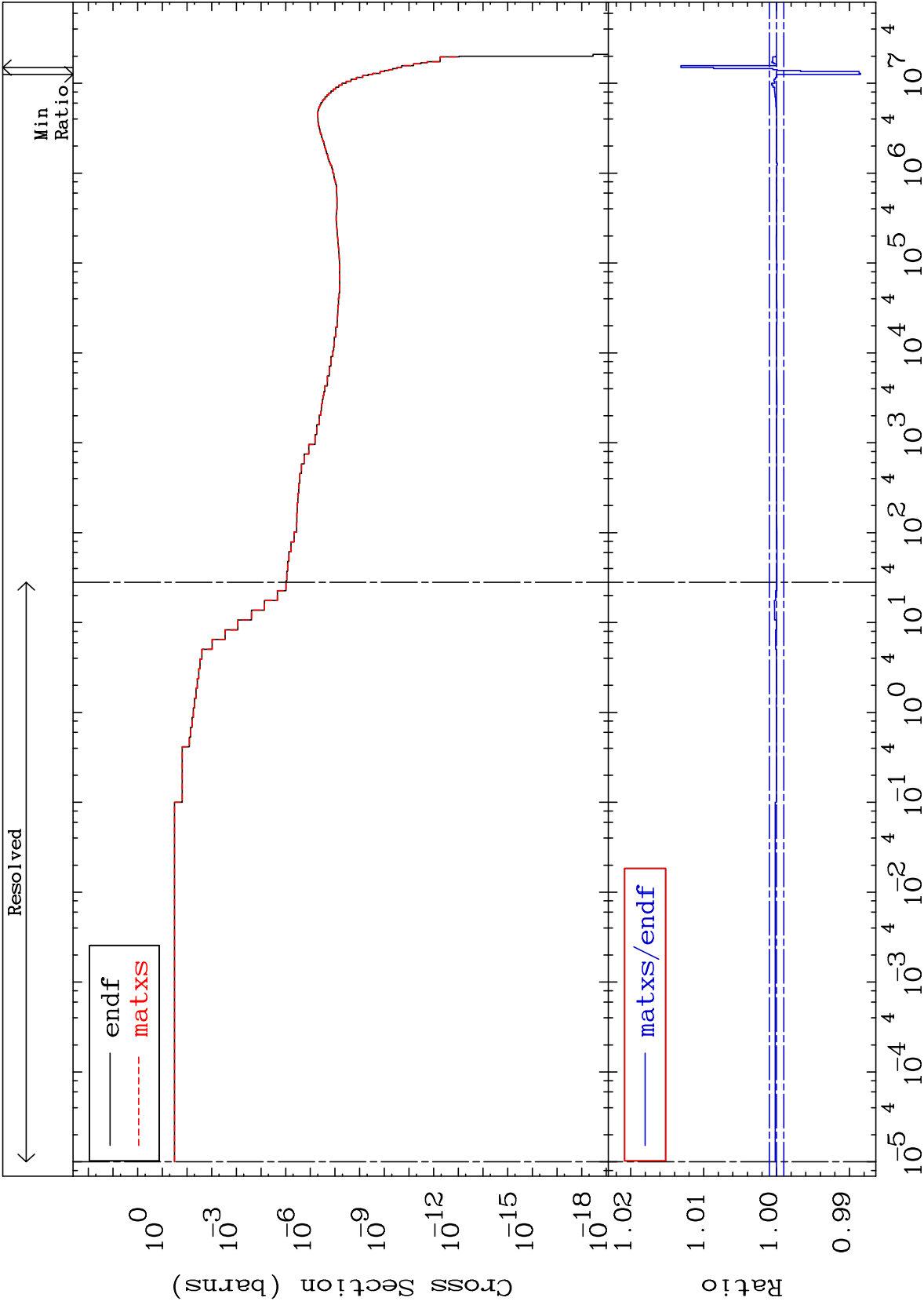
78-Pt-190
-1.131 To 1.292 %



MAT 7825

187.4 keV (n, α') Level
Cross Section

78-Pt-190
-1.152 To 1.312 %



37

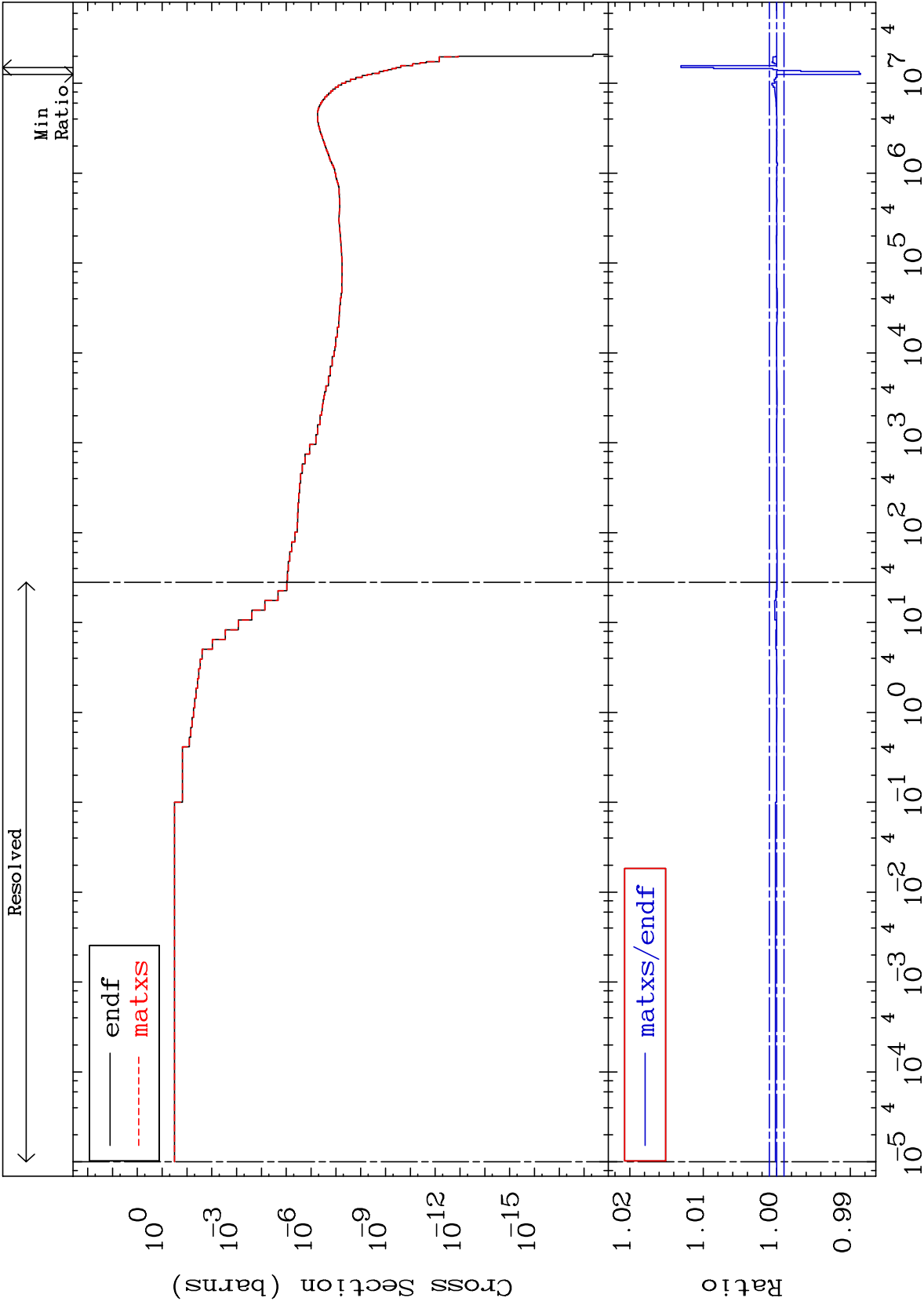
Incident Energy (eV)

78-Pt-190

MAT 7825

190.6 keV (n,α') Level
Cross Section

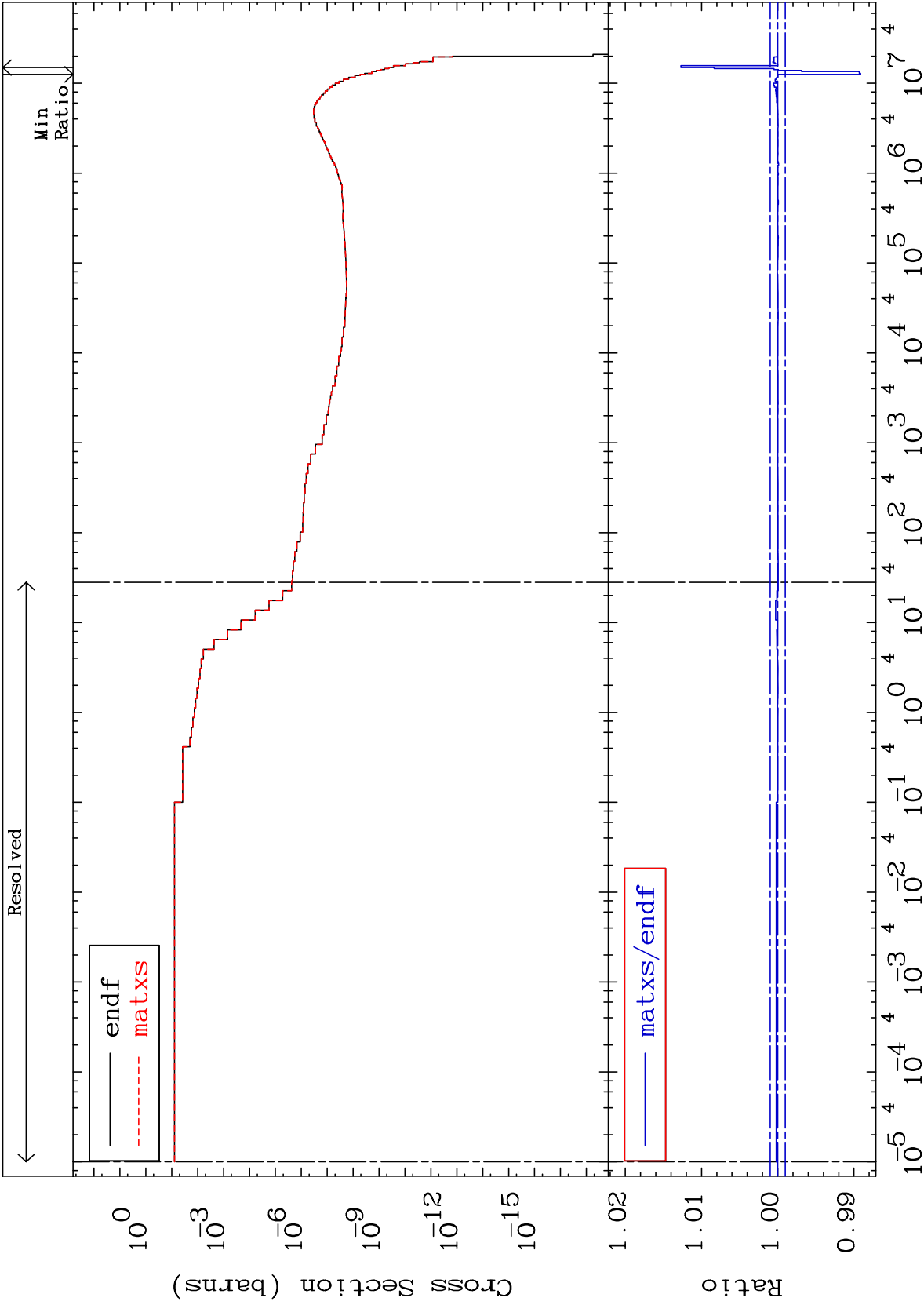
78-Pt-190
-1.141 To 1.304 %



MAT 7825

257.2 keV (n, α') Level
Cross Section

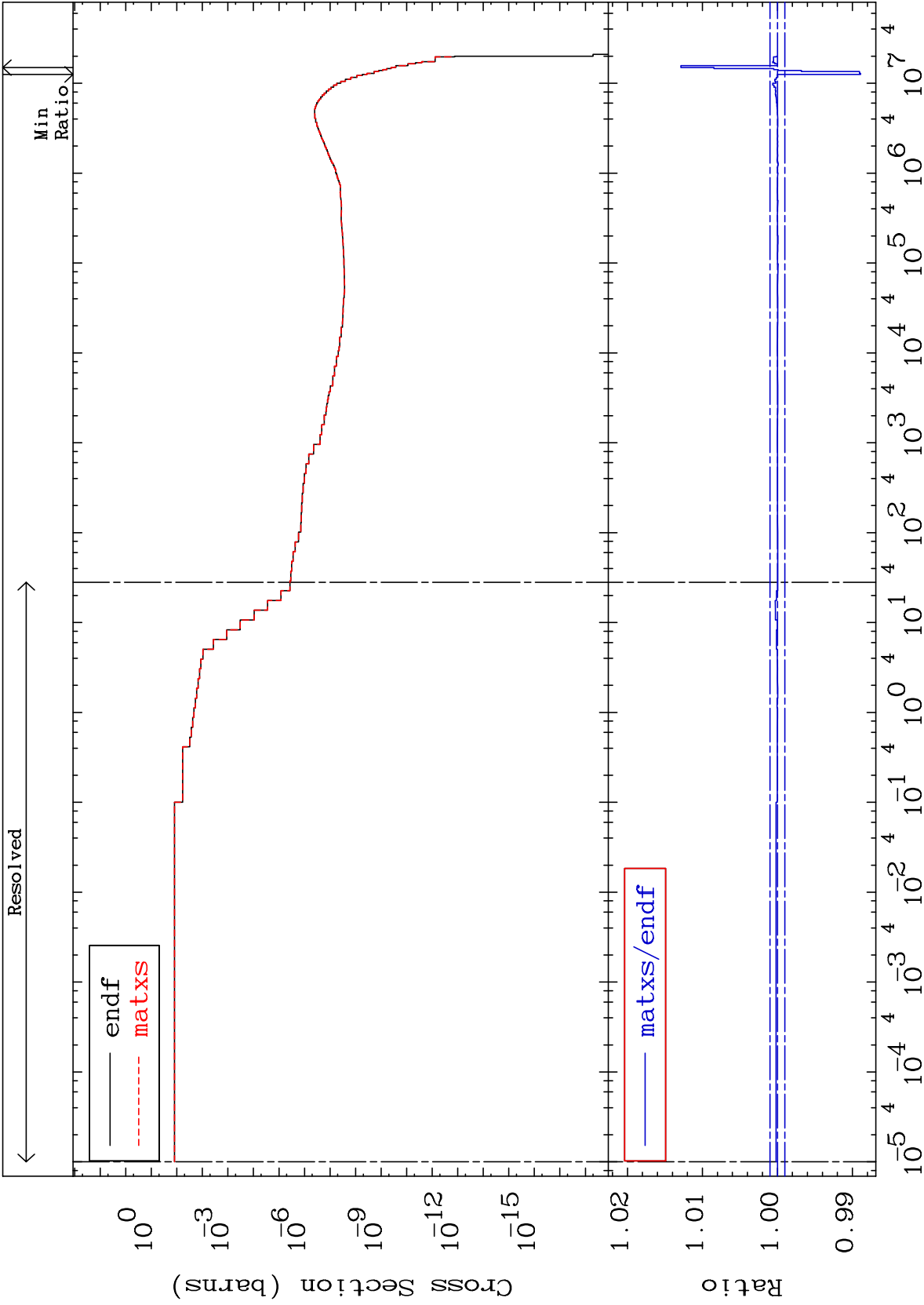
78-Pt-190
-1.087 To 1.270 %



MAT 7825

263.3 keV (n, α') Level
Cross Section

78-Pt-190
-1.109 To 1.287 %



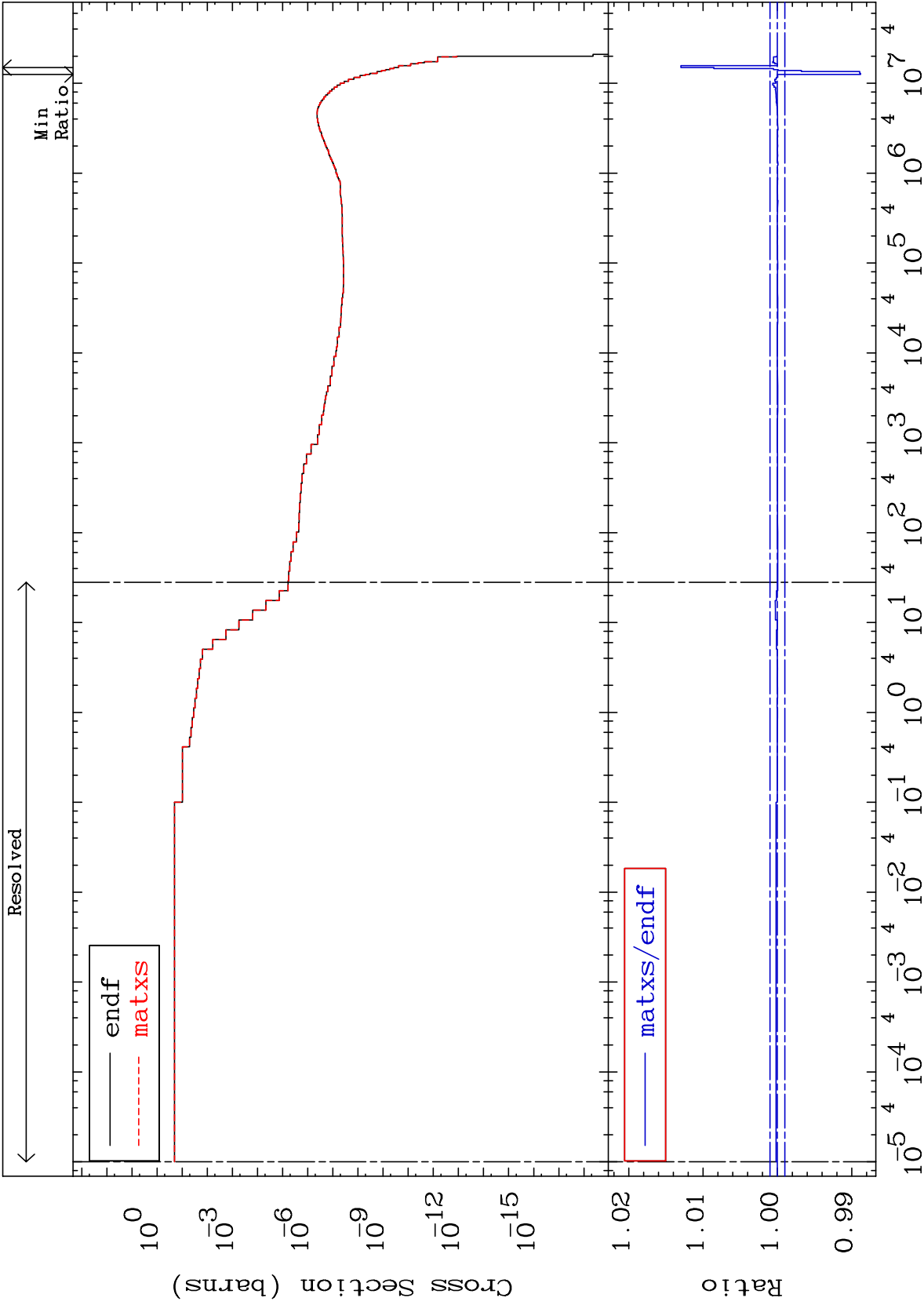
40

78-Pt-190

MAT 7825

333.3 keV (n, α') Level
Cross Section

78-Pt-190
-1.119 To 1.298 %



MAT 7825

333.3 keV (n, α') Level
Cross Section

78-Pt-190
-0.649 To 464.2 %

