

Program Complot  
(Version 2015-2)

by

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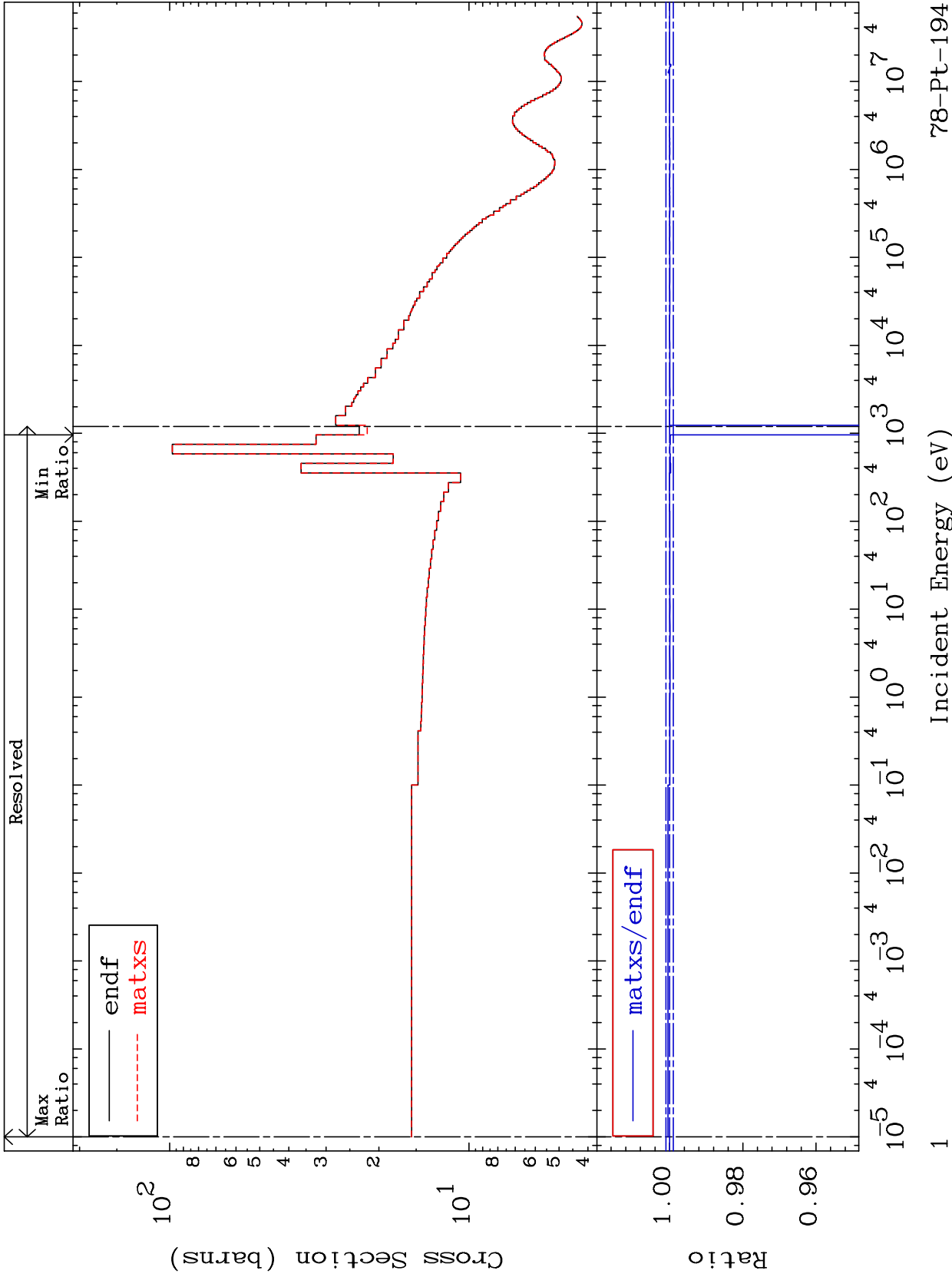
Web: [home.comcast.net/~redcullen1](http://home.comcast.net/~redcullen1)

Press Mouse Button to Start

MAT 7837

Total  
Cross Section

78-Pt-194  
-5.837 To 0.045 %

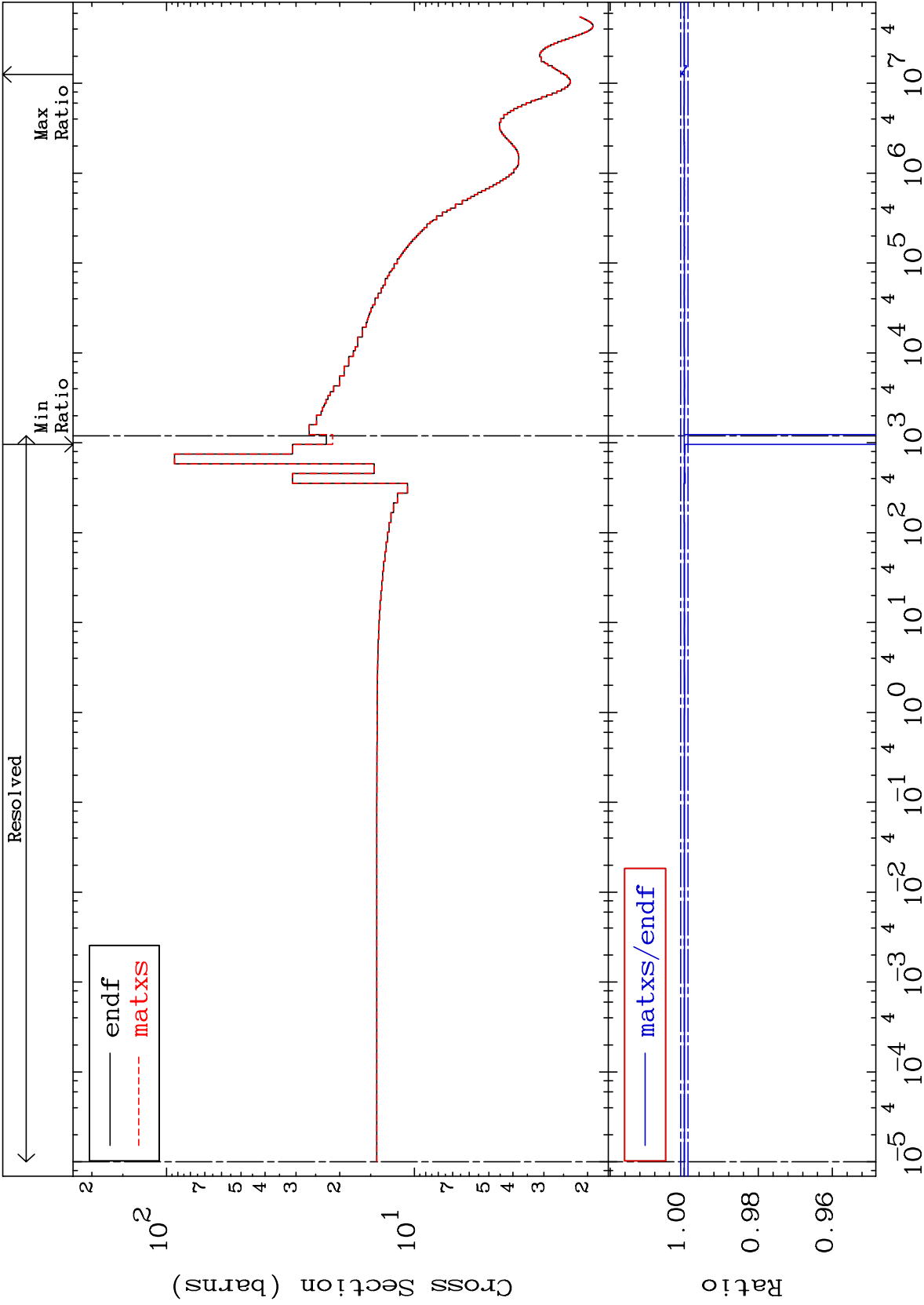


78-Pt-194

MAT 7837

Elastic  
Cross Section

78-Pt-194  
-5.802 To 0.090 %



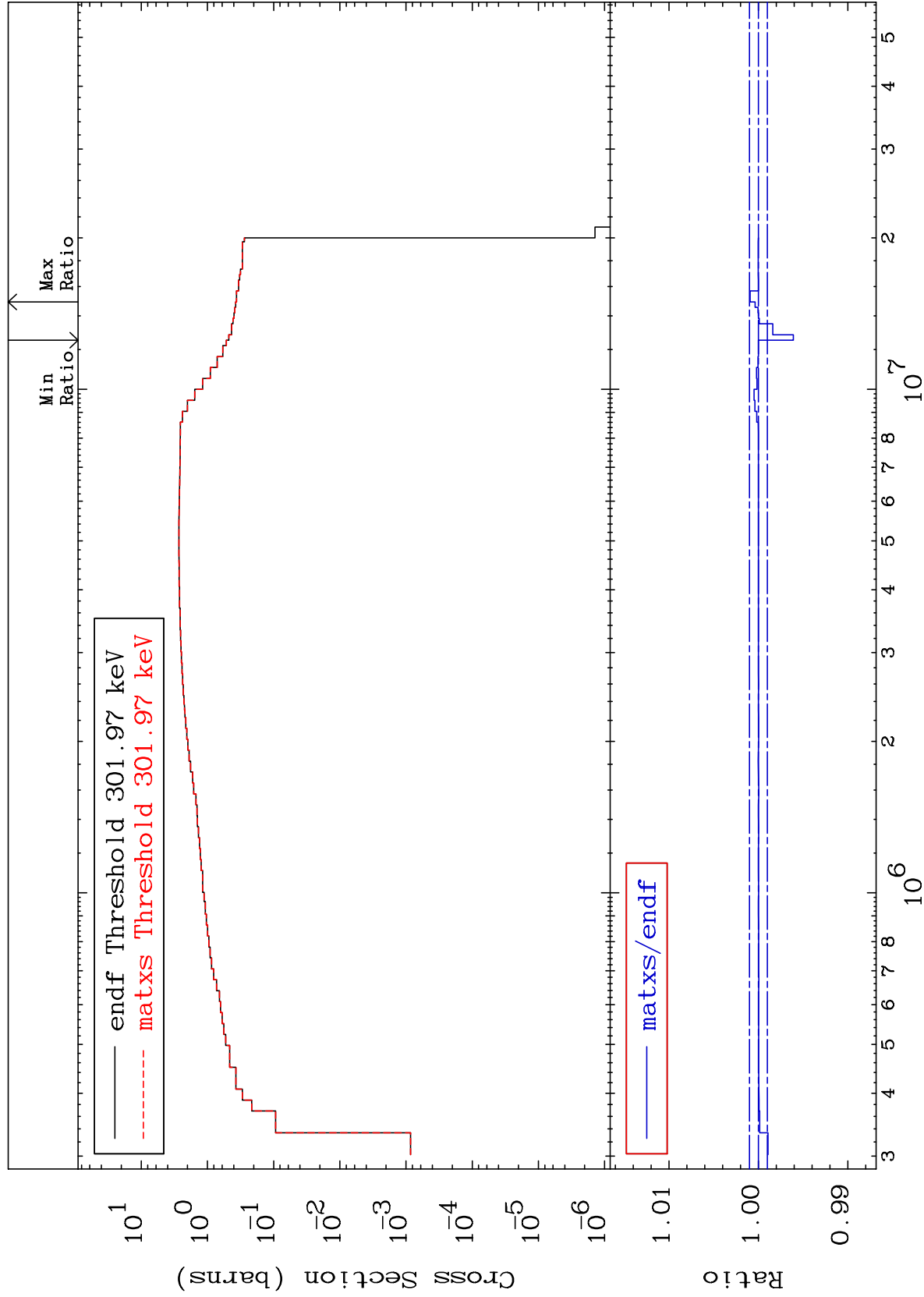
2

78-Pt-194

MAT 7837

Inelastic  
Cross Section

78-Pt-194  
-0.390 To 0.094 %



3

Incident Energy (eV)

78-Pt-194

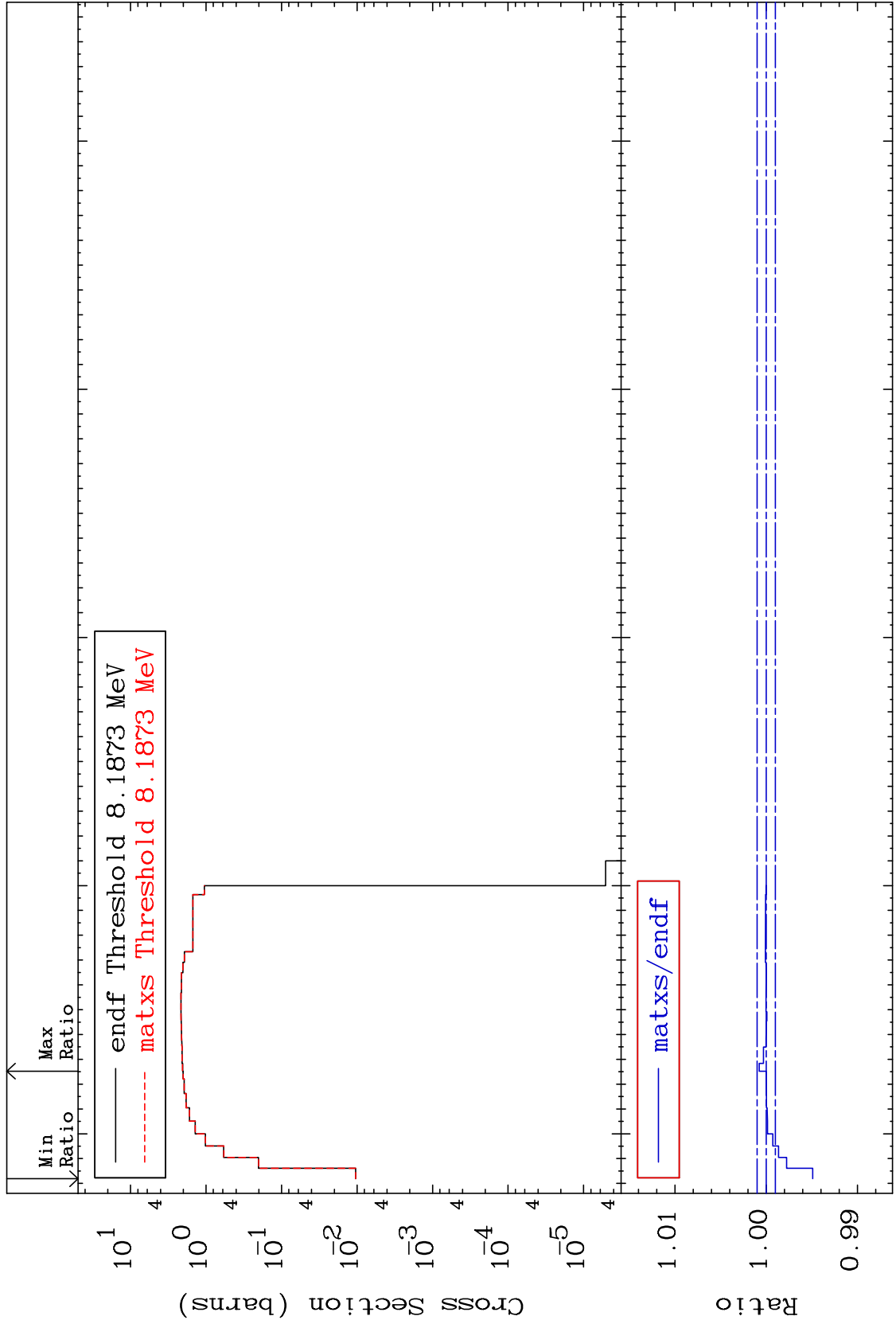
MAT 7837

(n,2n)

<sup>78</sup>Pt-194

Cross Section

-0.508 To 0.078 %



4

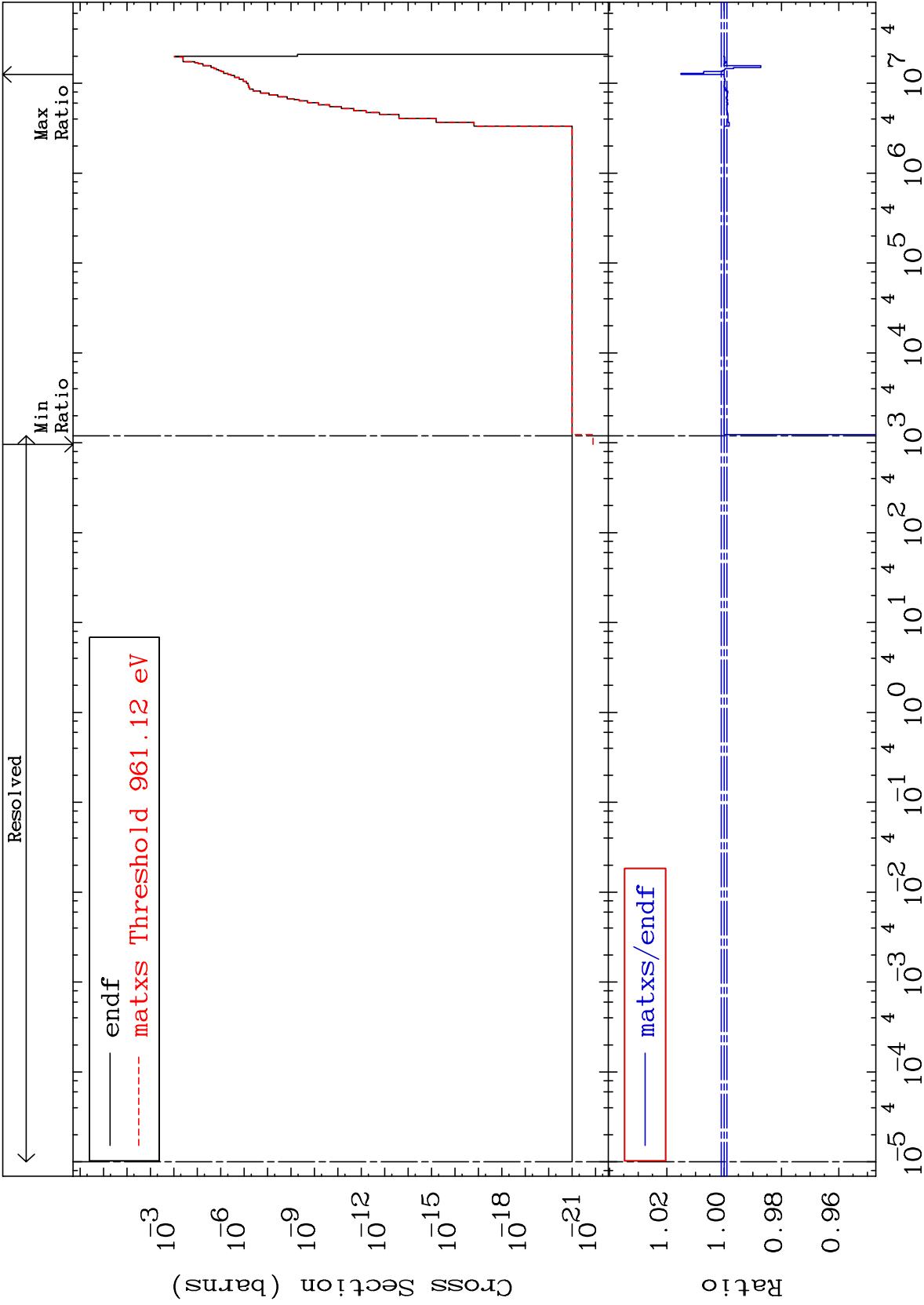
Incident Energy (MeV)

<sup>78</sup>Pt-194

MAT 7837

(n, n')  $\alpha$   
Cross Section

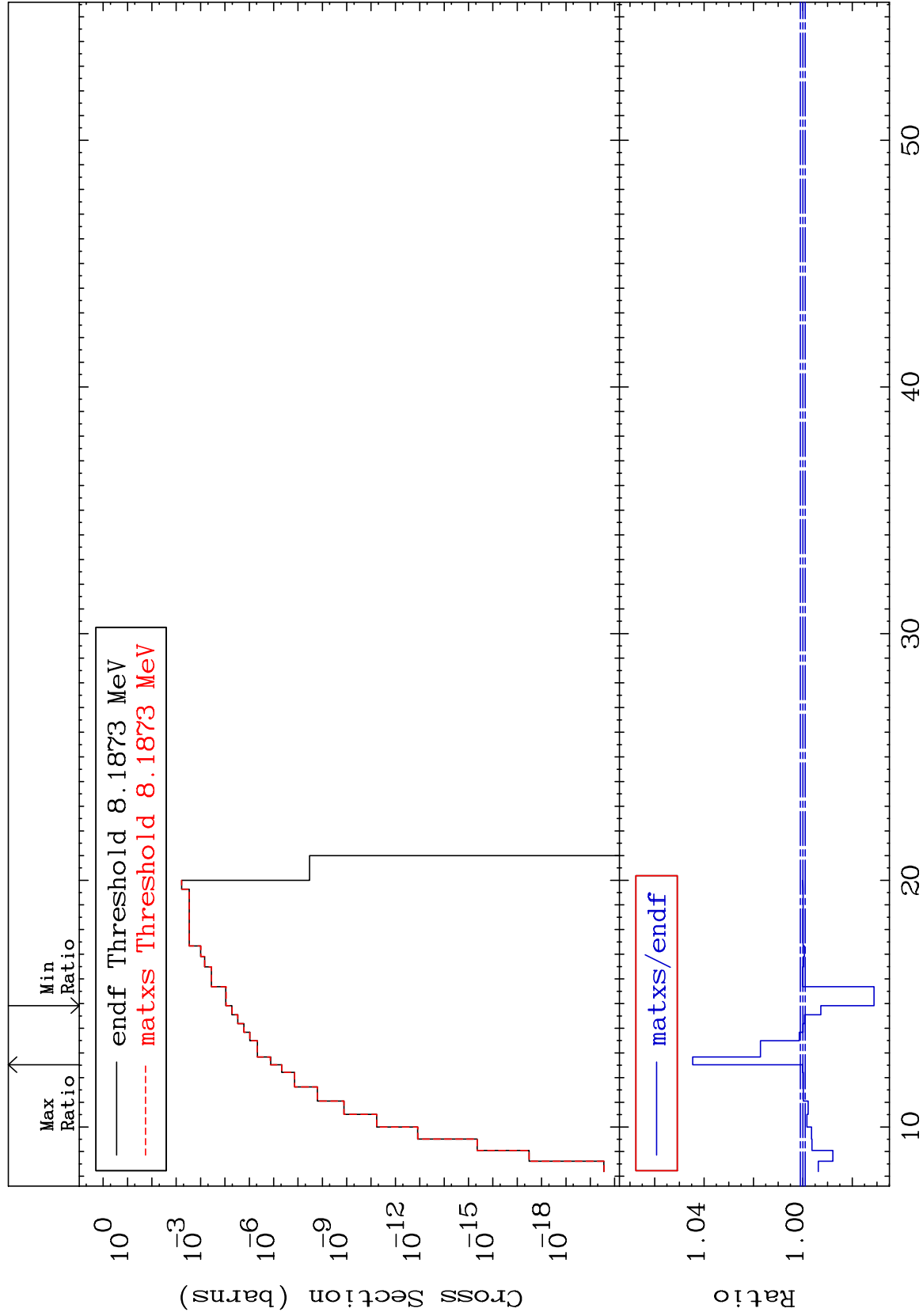
78-Pt-194  
-87.12 To 1.508 %



MAT 7837

(n, n') p  
Cross Section

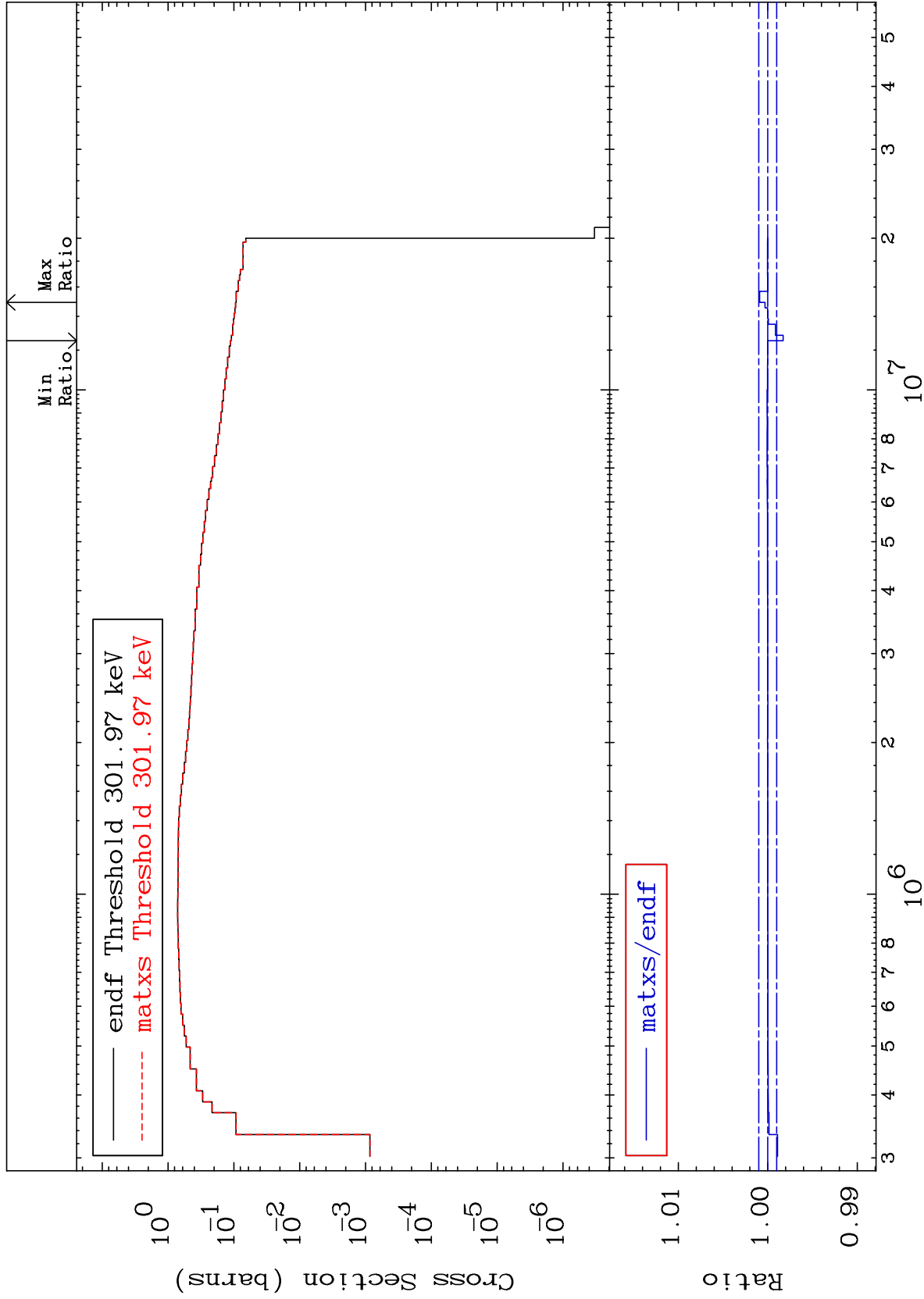
<sup>78</sup>Pt-194  
-2.884 To 4.456 %



MAT 7837

328.5 keV (n,n') Level  
Cross Section

78-Pt-194  
-0.171 To 0.091 %



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Incident Energy (eV)

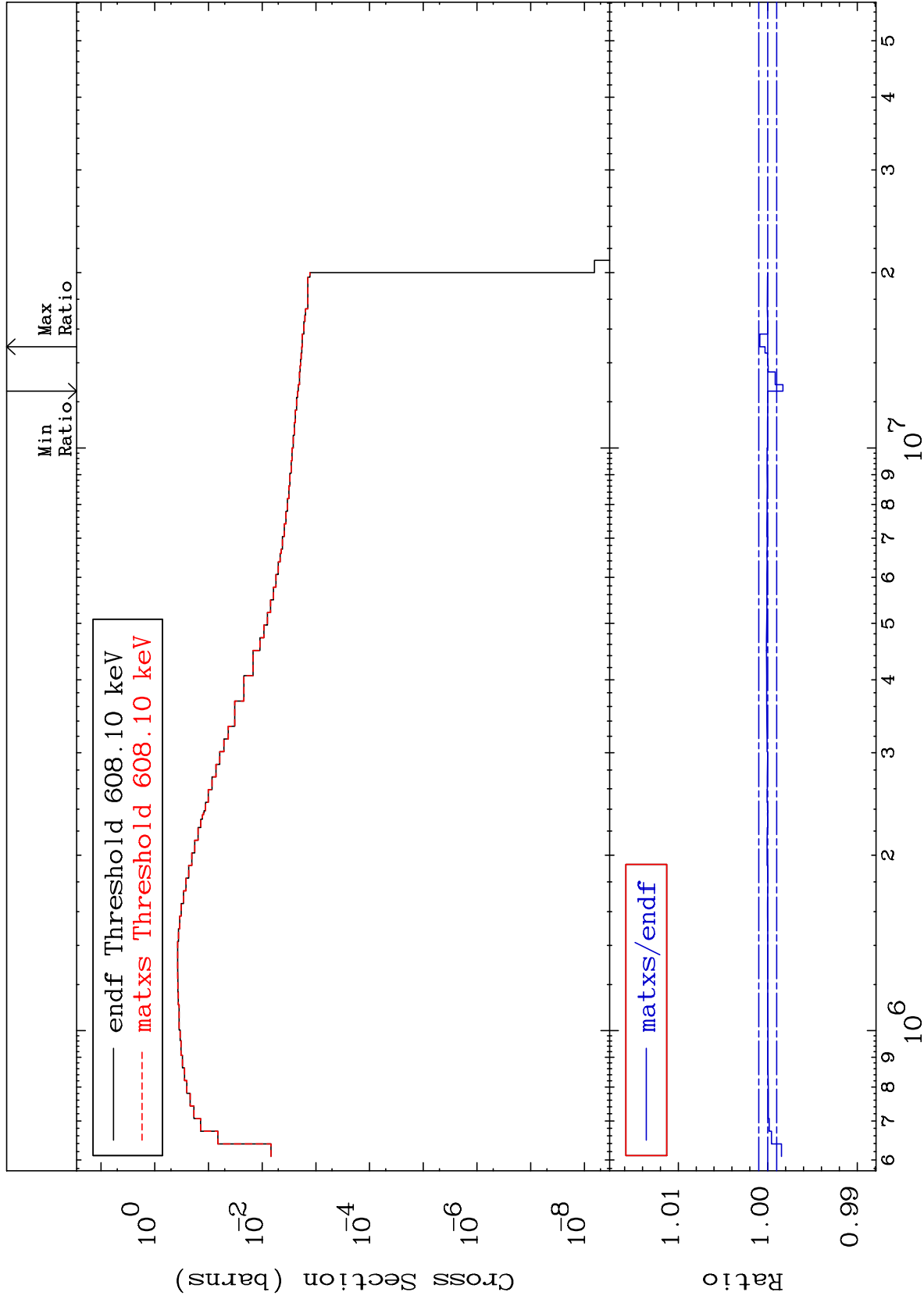
78-Pt-194



MAT 7837

622.0 keV (n,n') Level  
Cross Section

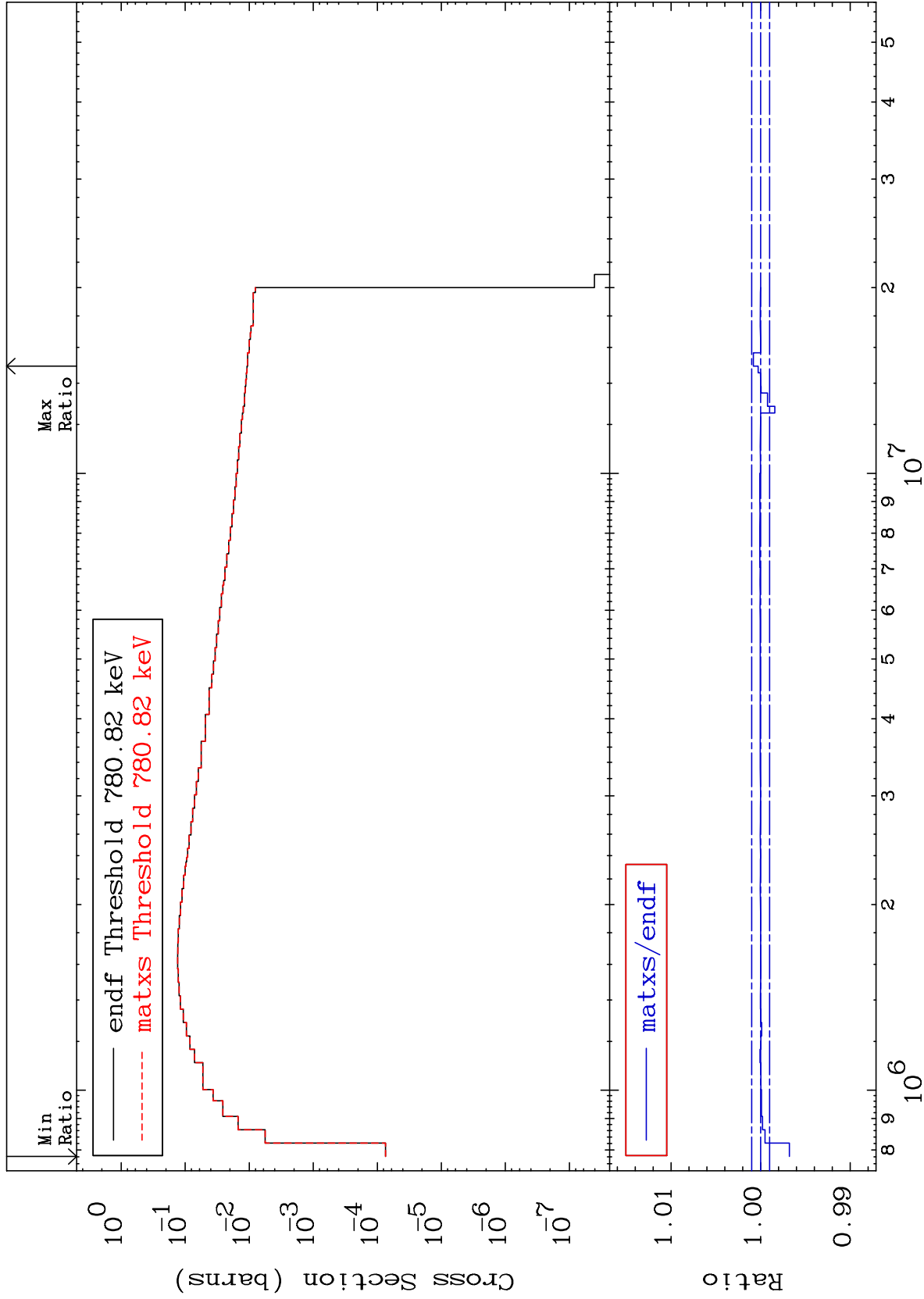
78-Pt-194  
-0.170 To 0.089 %



MAT 7837

811.3 keV (n,n') Level  
Cross Section

78-Pt-194  
-0.321 To 0.080 %



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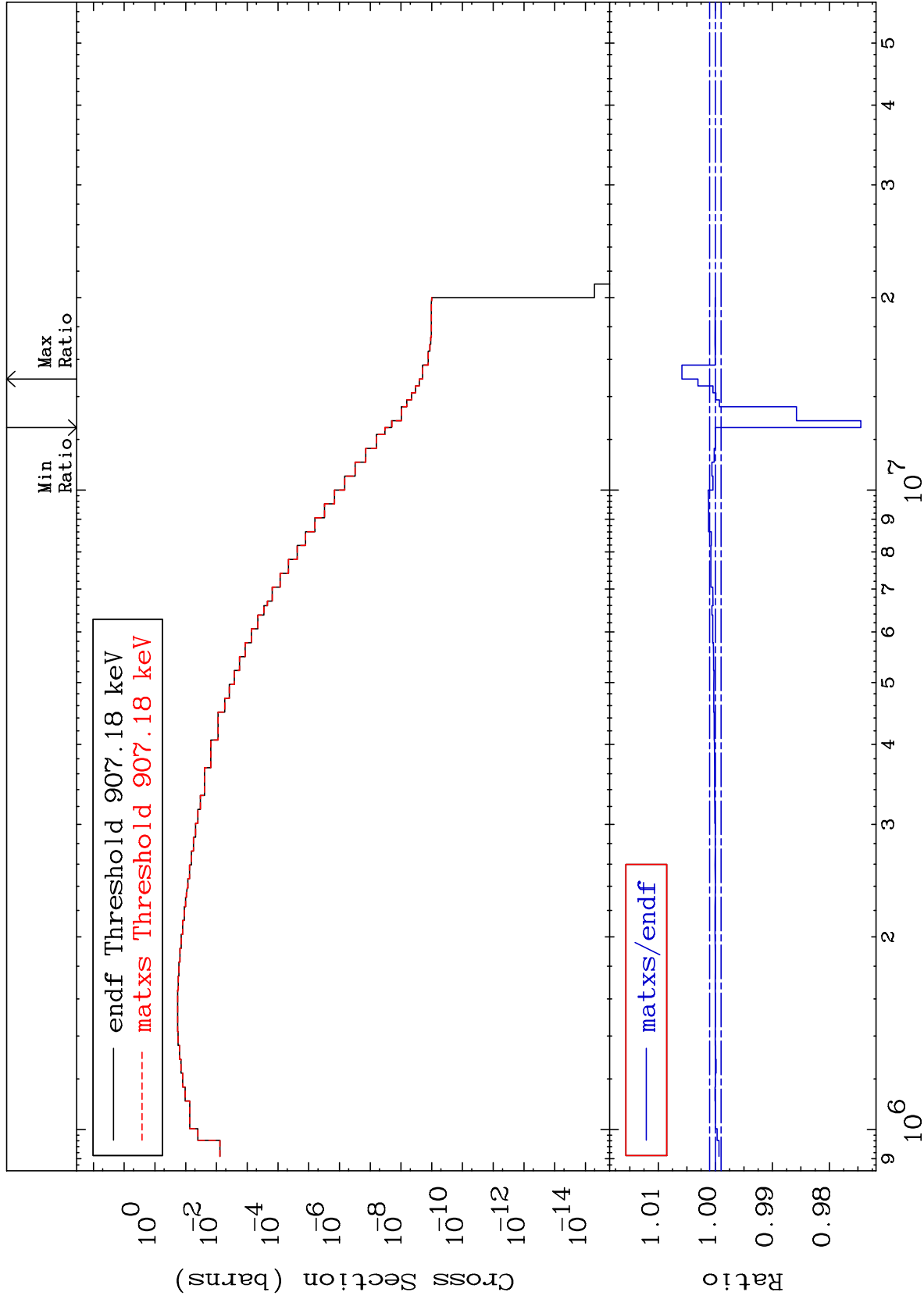
Incident Energy (eV)

78-Pt-194

MAT 7837

922.7 keV (n,n') Level  
Cross Section

78-Pt-194  
-2.550 To 0.585 %



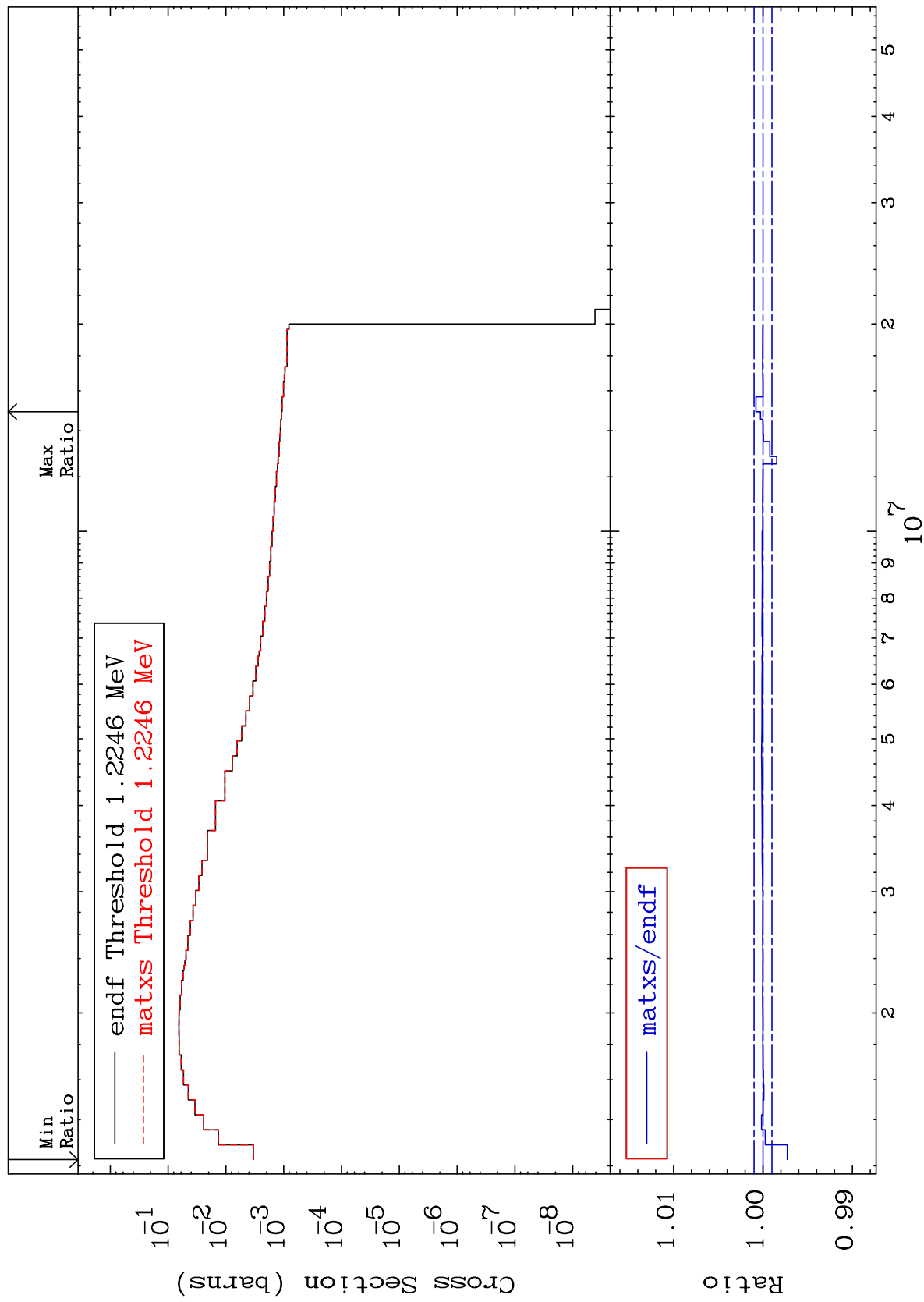
78-Pt-194

Incident Energy (eV)

MAT 7837

1.230 MeV (n,n') Level  
Cross Section

78-Pt-194  
-0.272 To 0.078 %



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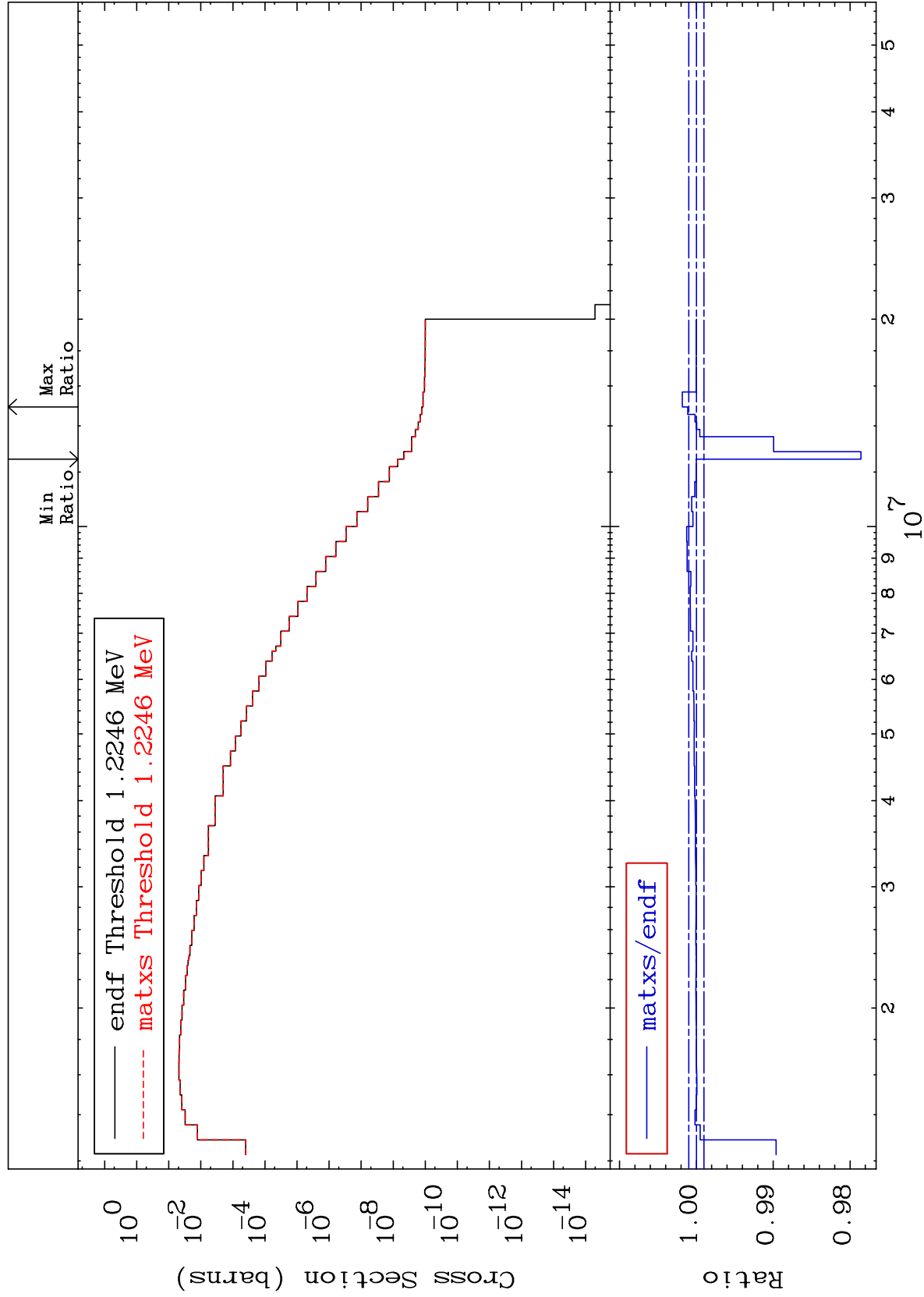
Incident Energy (eV)

78-Pt-194

MAT 7837

1.267 MeV (n,n') Level  
Cross Section

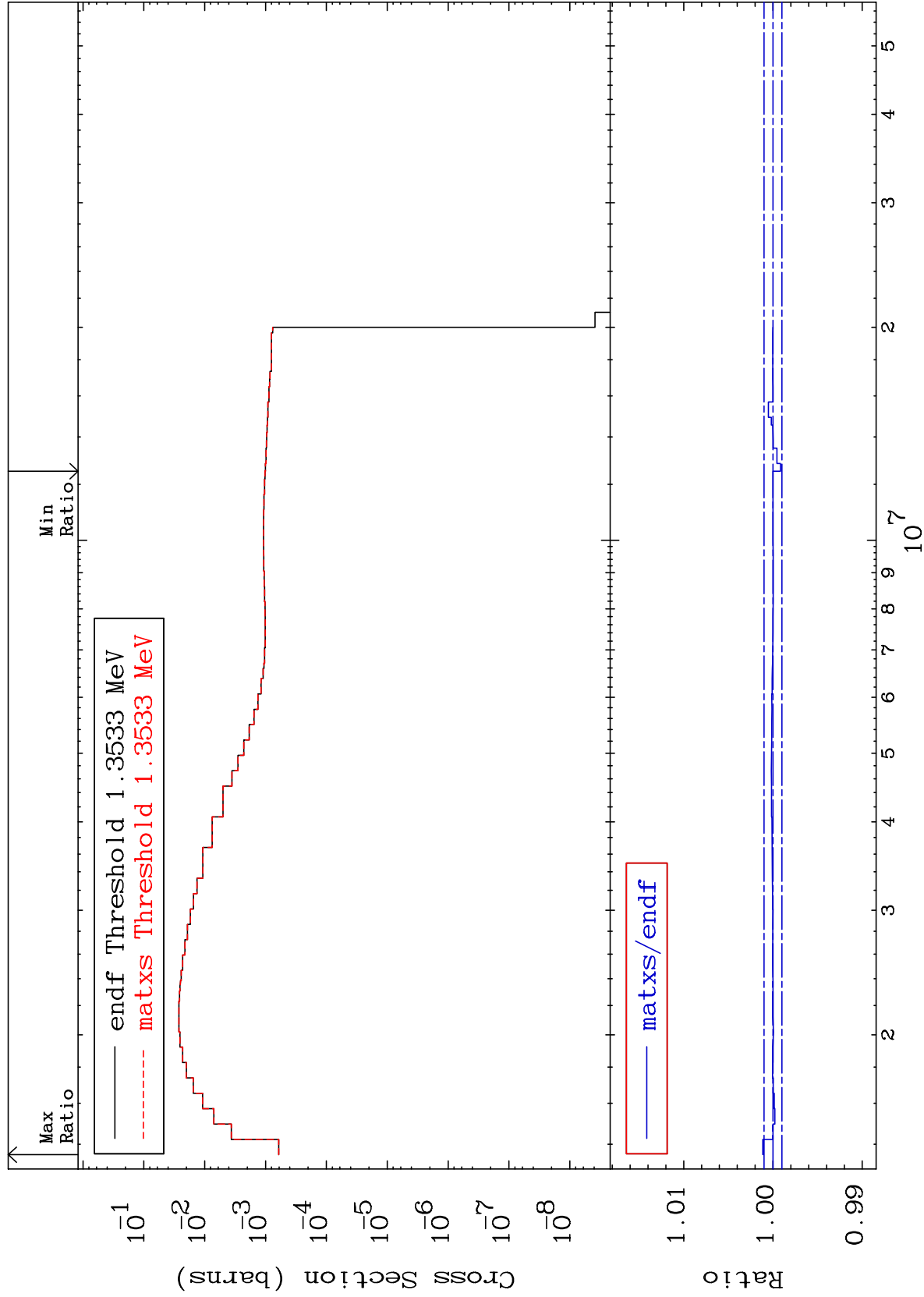
78-Pt-194  
-2.142 To 0.182 %



MAT 7837

1.374 MeV (n,n') Level  
Cross Section

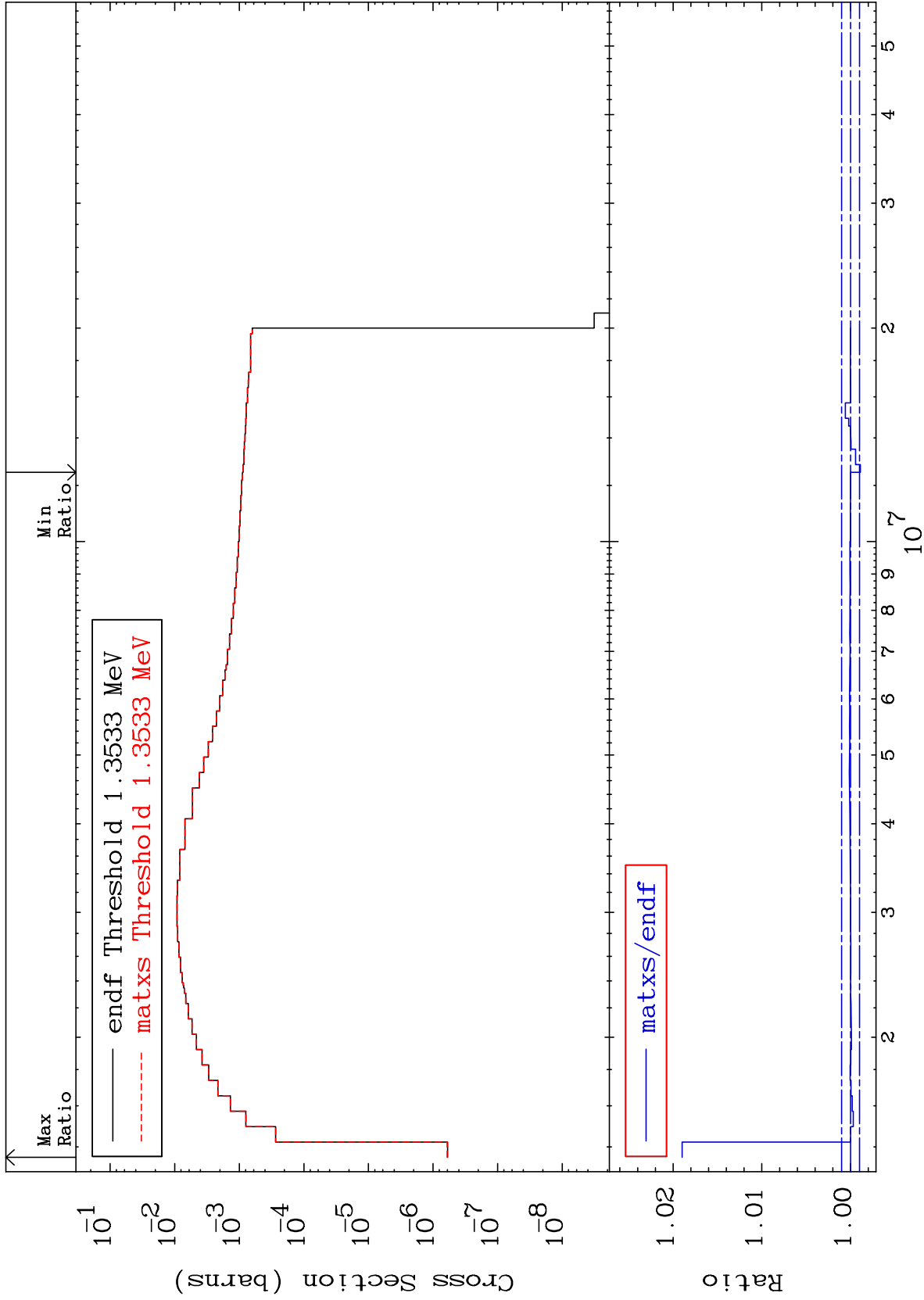
78-Pt-194  
-0.084 To 0.113 %



MAT 7837

1.412 MeV (n,n') Level  
Cross Section

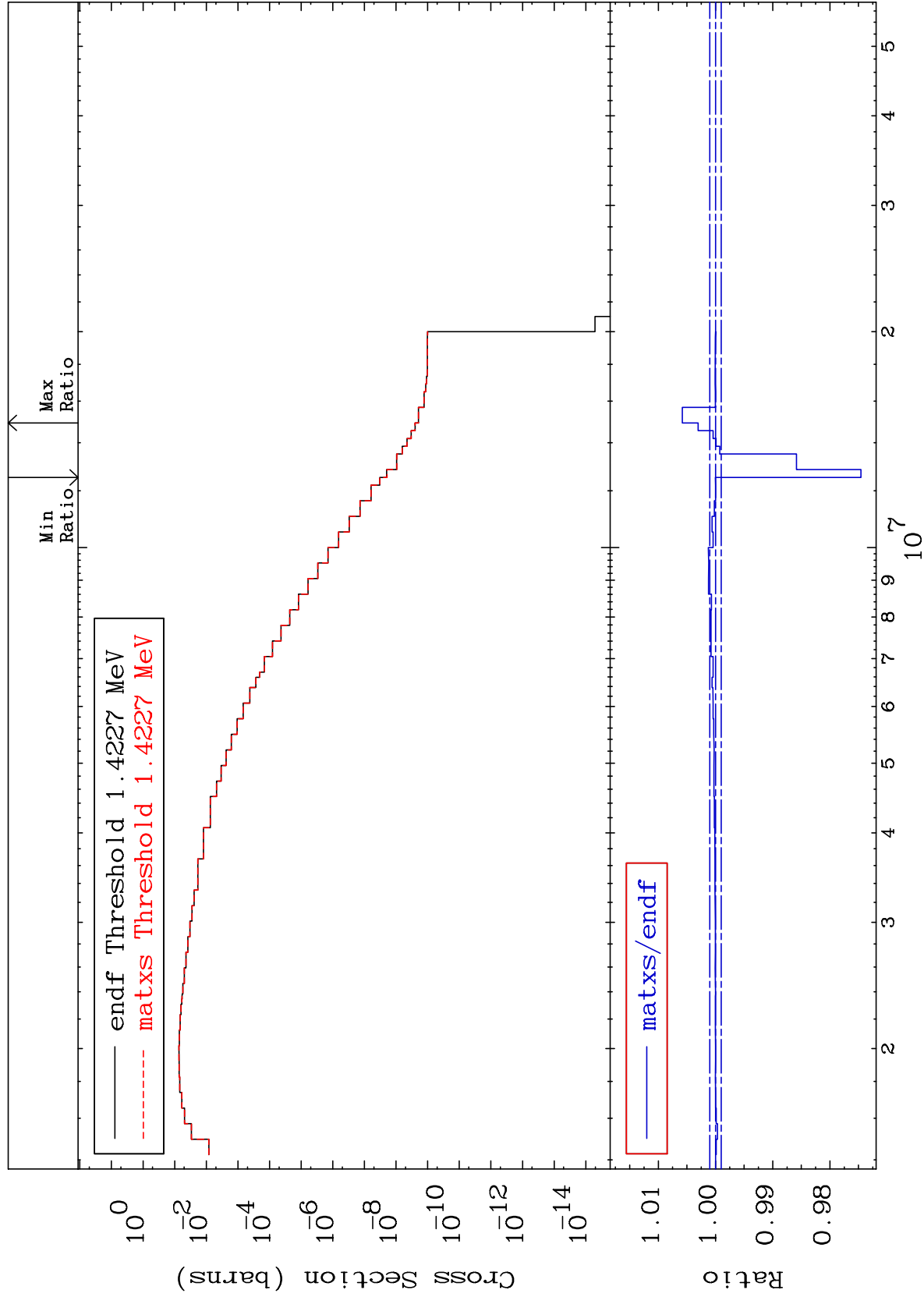
78-Pt-194  
-0.111 To 1.899 %



MAT 7837

1.422 MeV (n,n') Level  
Cross Section

78-Pt-194  
-2.542 To 0.579 %



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Incident Energy (eV)

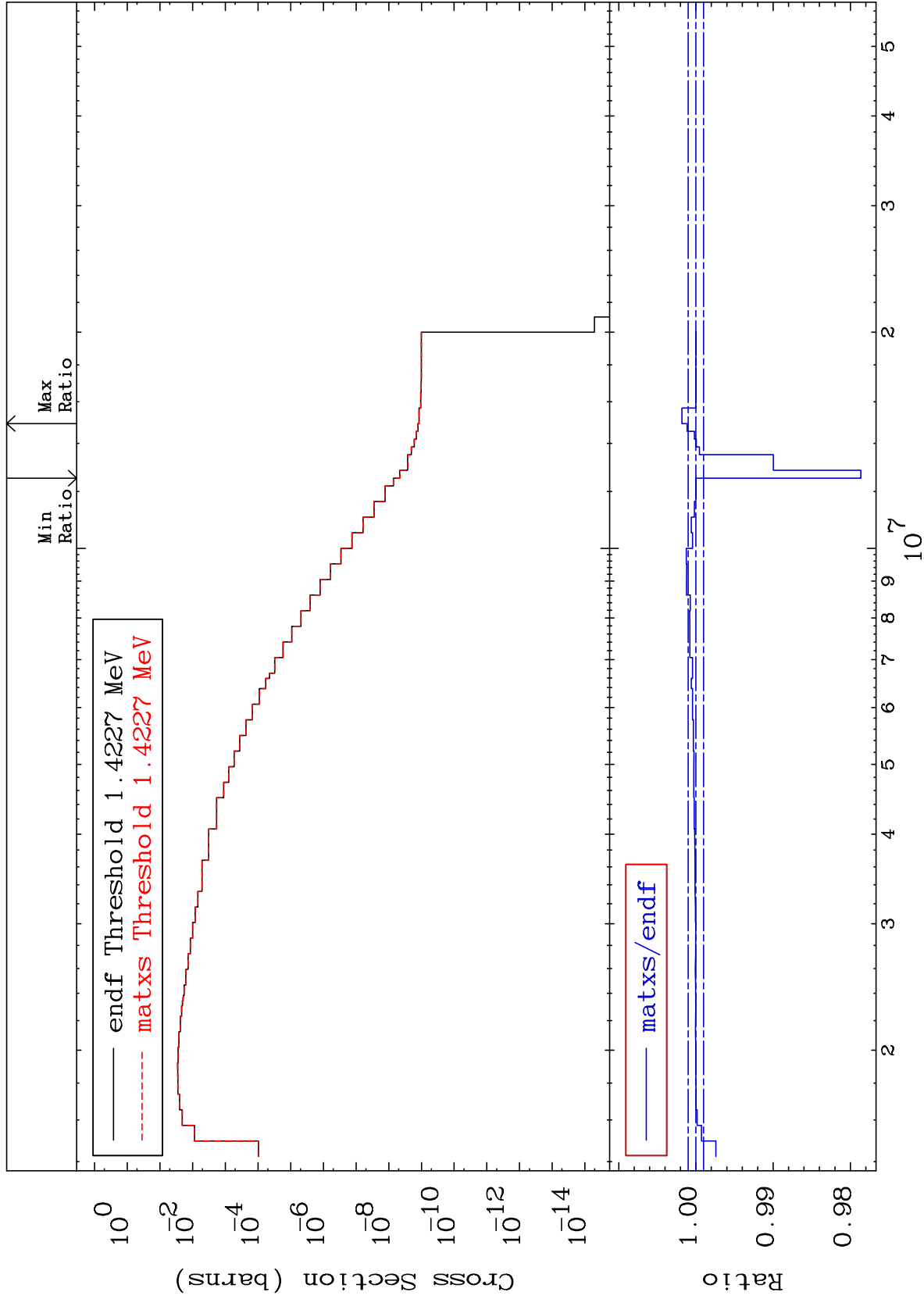
78-Pt-194



MAT 7837

1.479 MeV (n,n') Level  
Cross Section

78-Pt-194  
-2.136 To 0.181 %



16

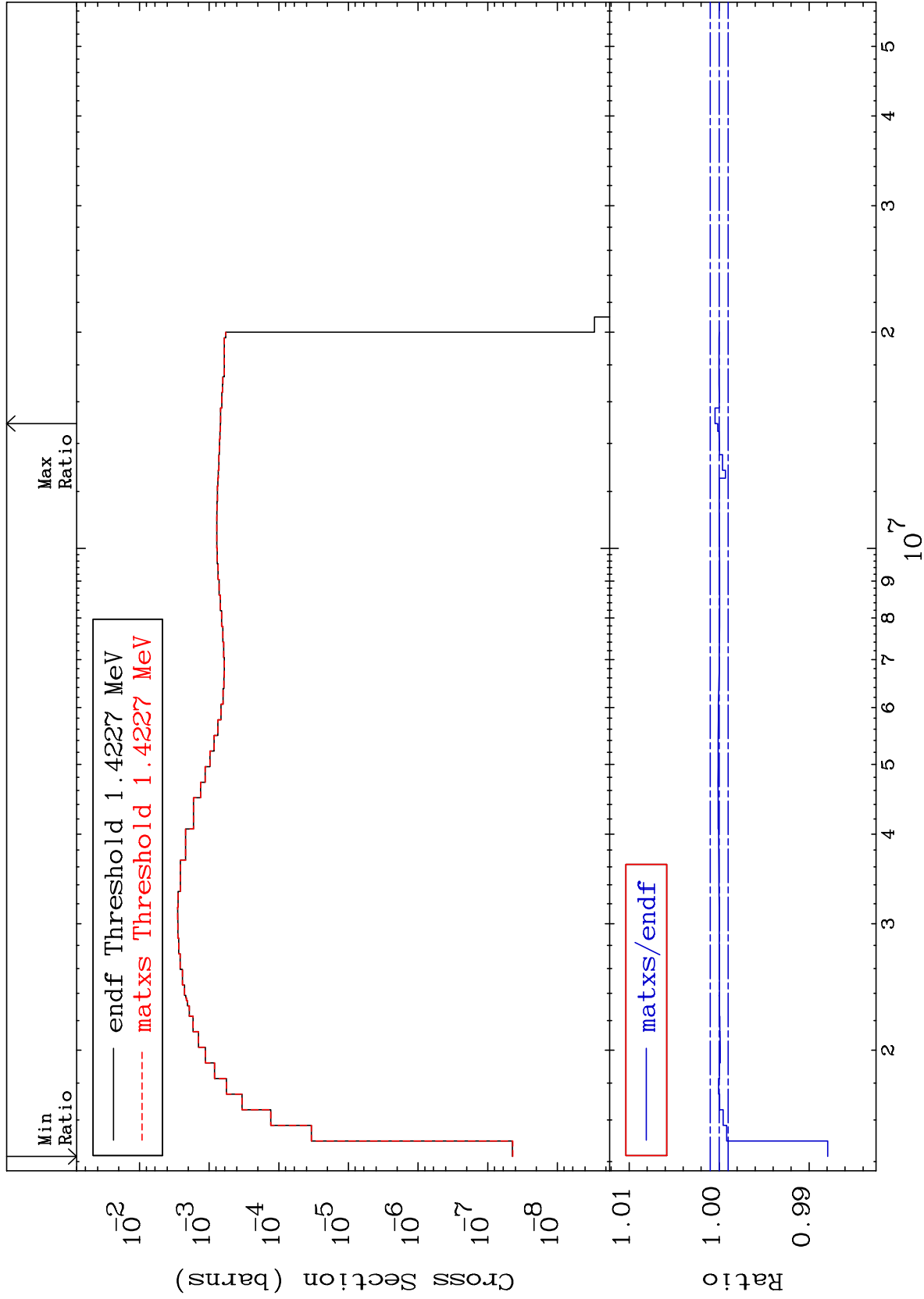
Incident Energy (eV)

78-Pt-194

MAT 7837

1.485 MeV (n,n') Level  
Cross Section

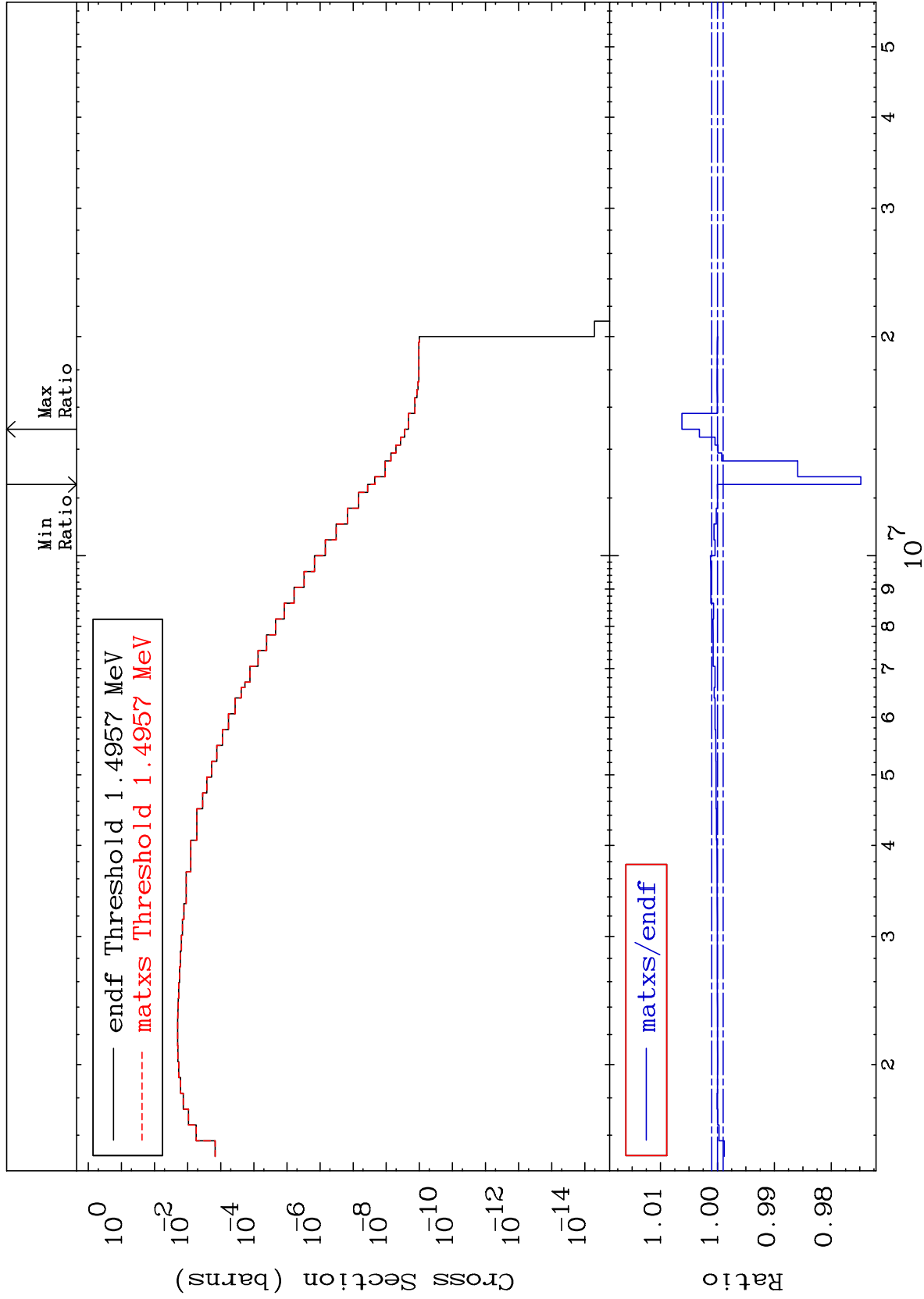
78-Pt-194  
-1.207 To 0.046 %



MAT 7837

1.499 MeV (n,n') Level  
Cross Section

78-Pt-194  
-2.519 To 0.624 %



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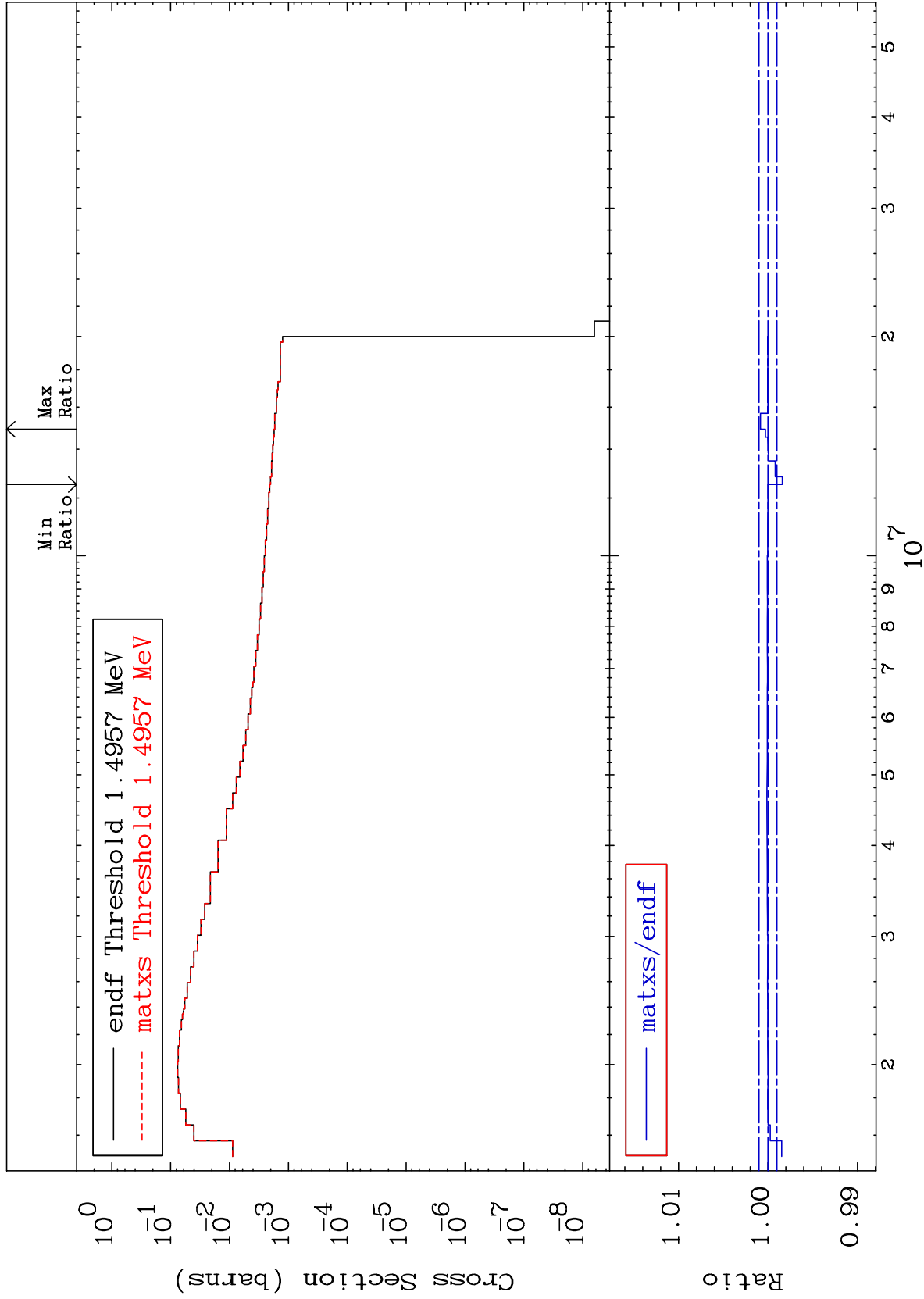
Incident Energy (eV)

78-Pt-194

MAT 7837

1.512 MeV (n,n') Level  
Cross Section

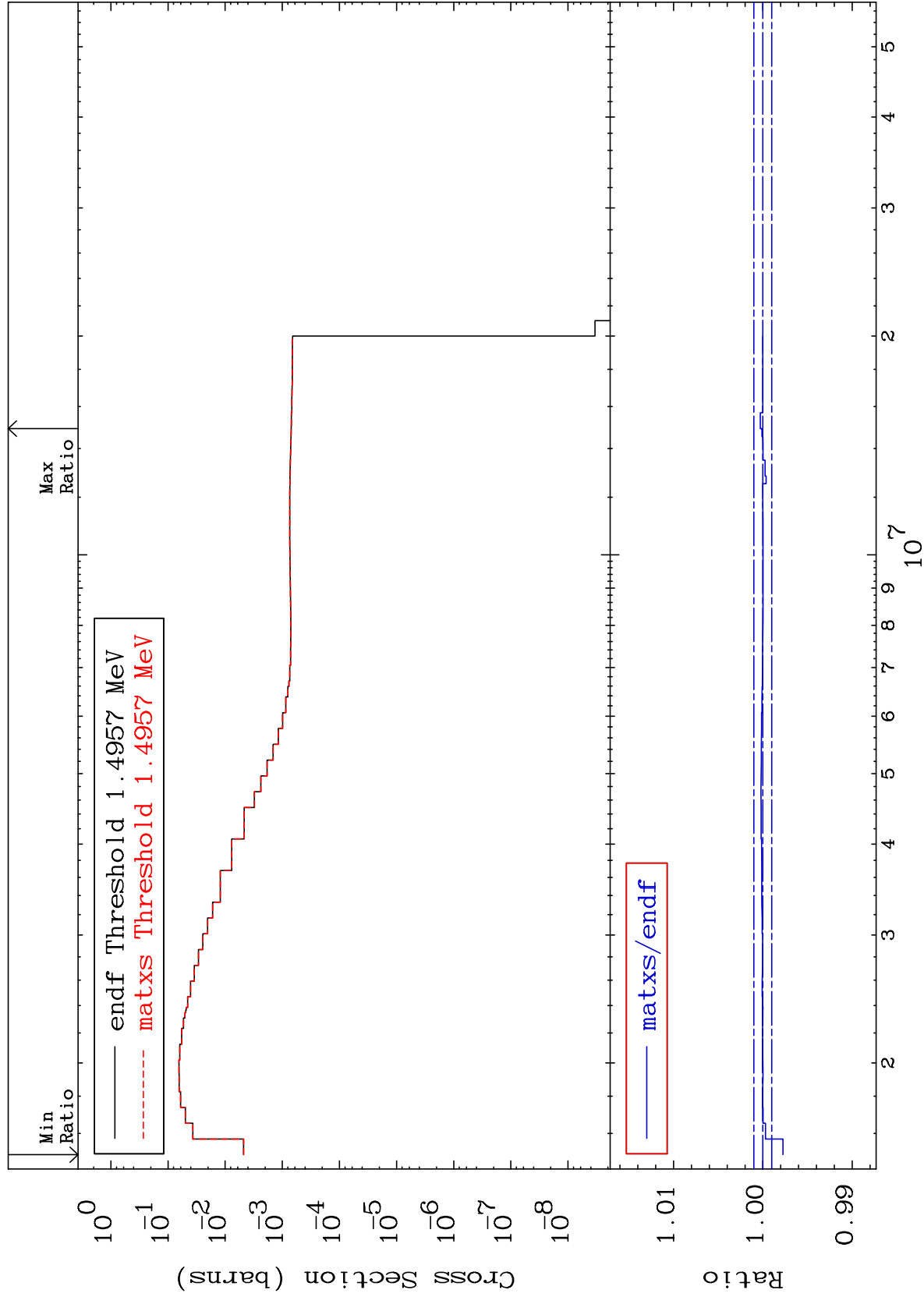
78-Pt-194  
-0.160 To 0.084 %



MAT 7837

1.529 MeV (n,n') Level  
Cross Section

78-Pt-194  
-0.226 To 0.030 %



20

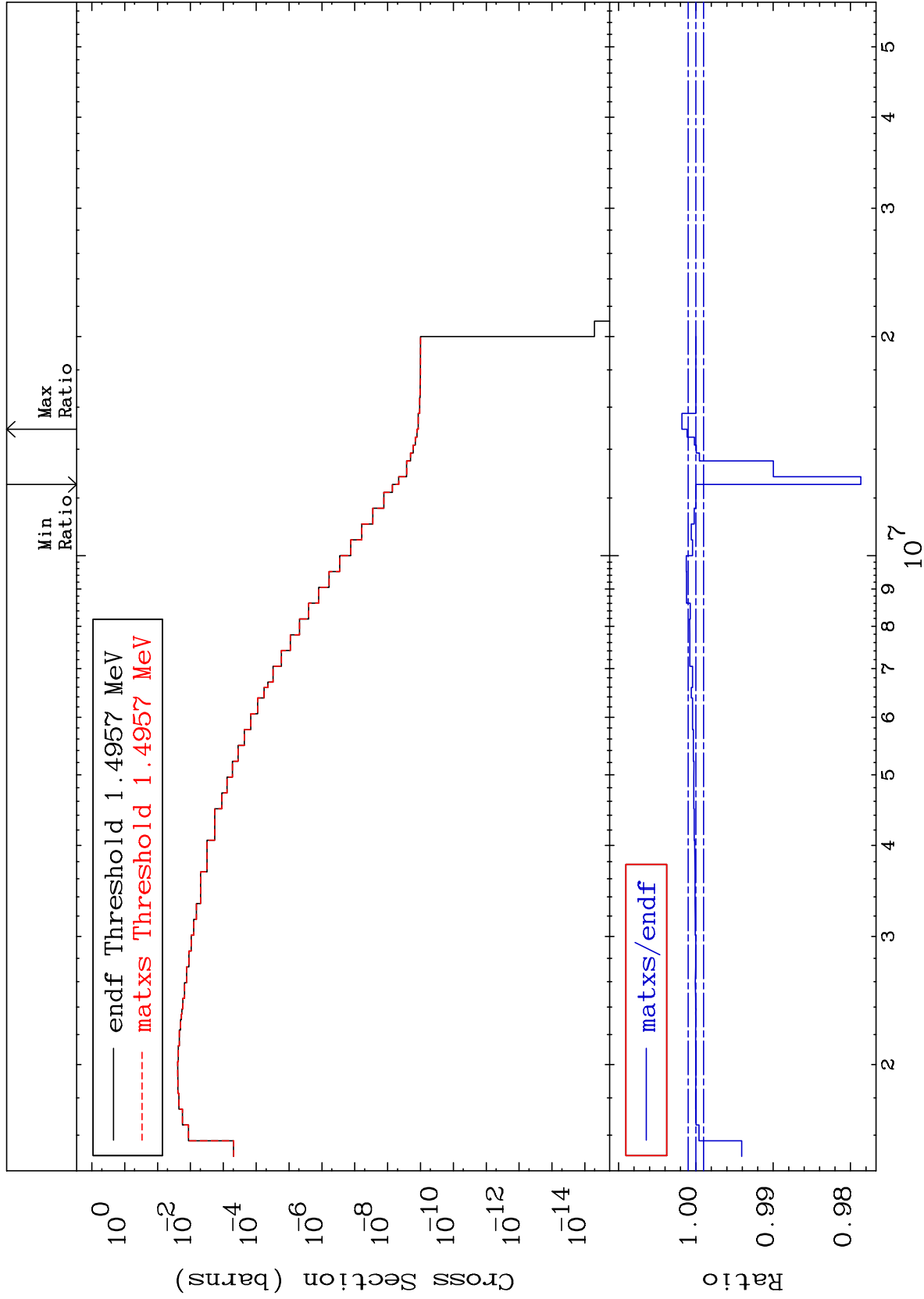
Incident Energy (eV)

78-Pt-194

MAT 7837

1.547 MeV (n,n') Level  
Cross Section

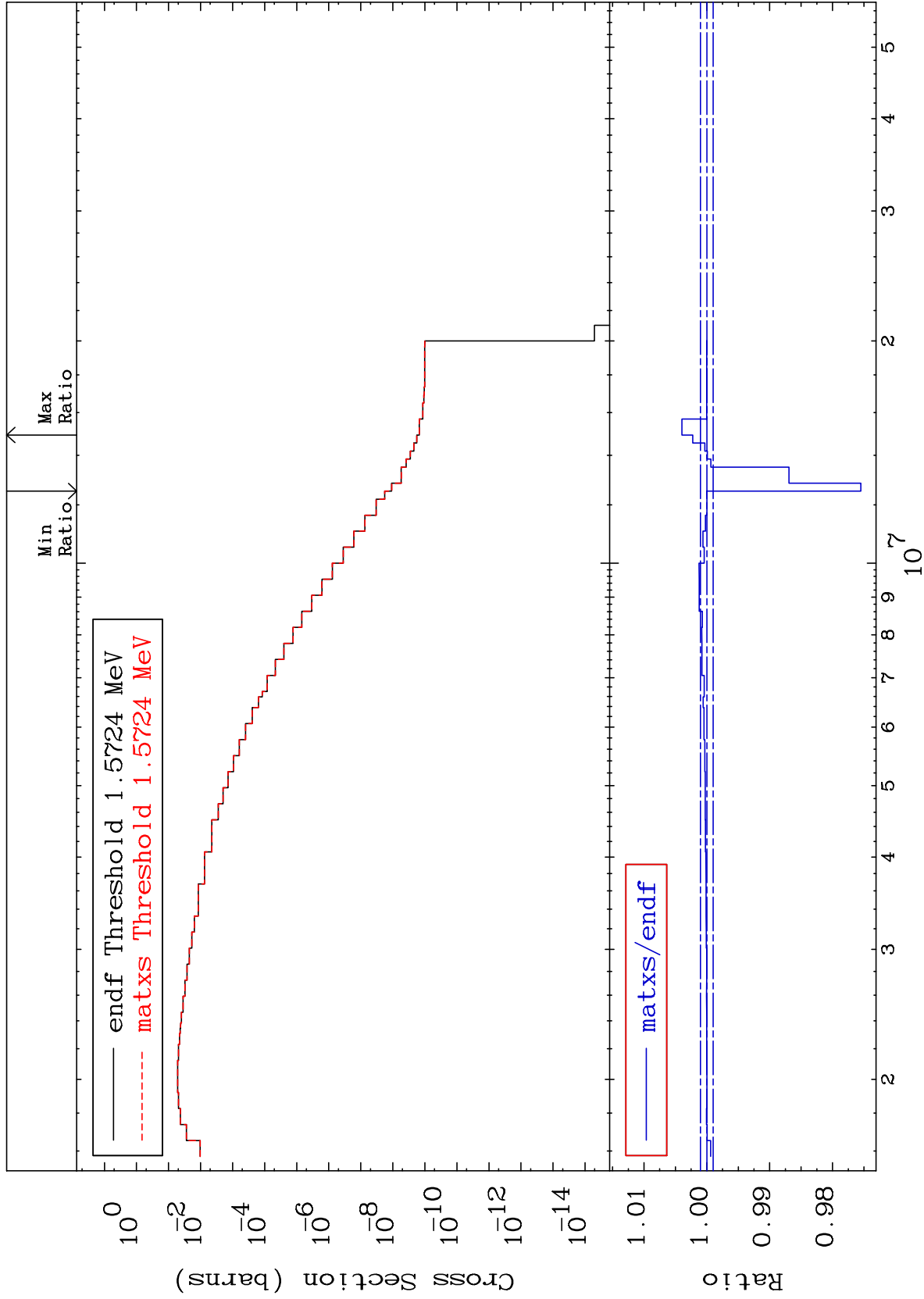
78-Pt-194  
-2.134 To 0.180 %



MAT 7837

1.584 MeV (n,n') Level  
Cross Section

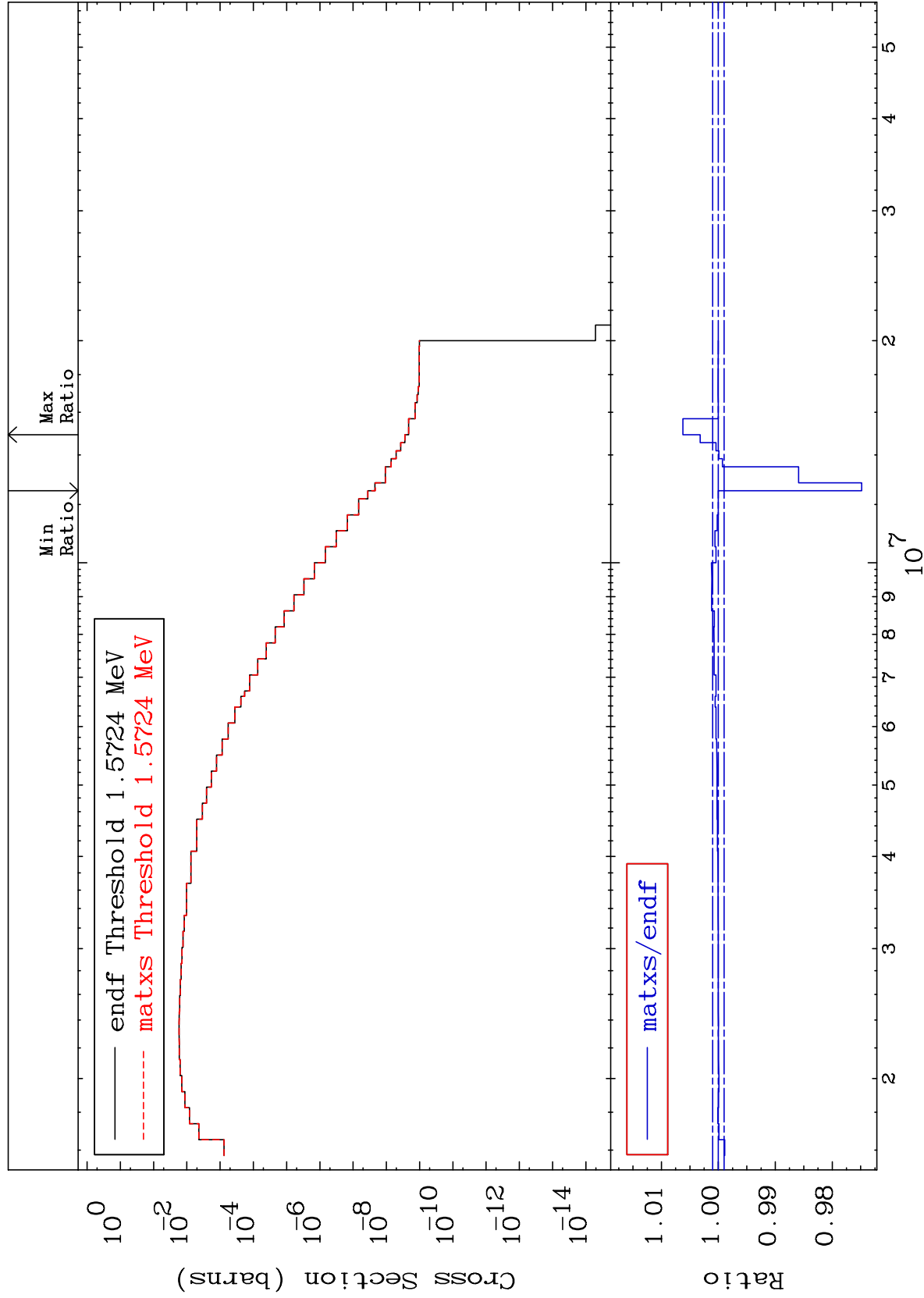
78-Pt-194  
-2.451 To 0.396 %



MAT 7837

1.593 MeV (n,n') Level  
Cross Section

78-Pt-194  
-2.517 To 0.622 %

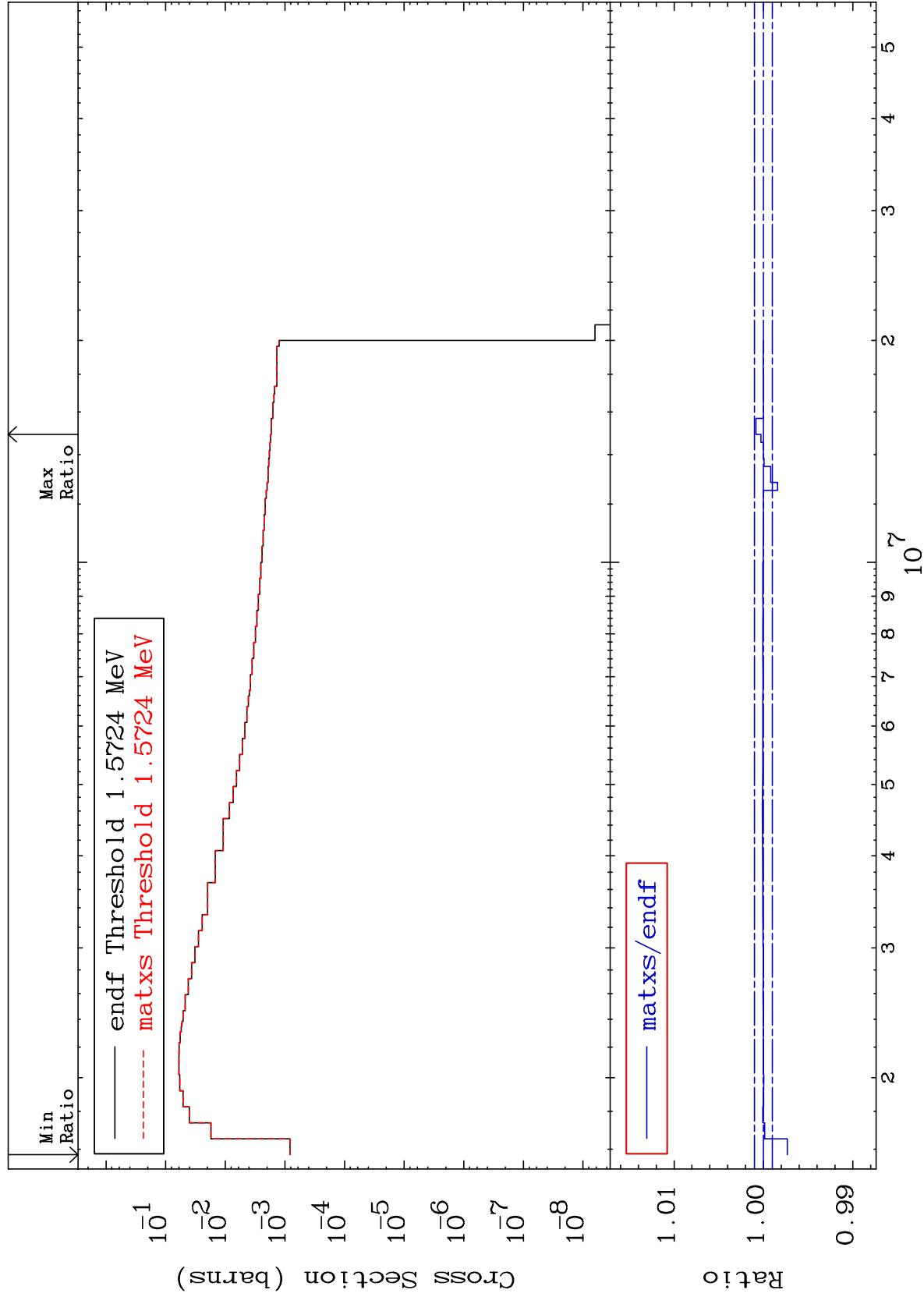




MAT 7837

1.622 MeV (n,n') Level  
Cross Section

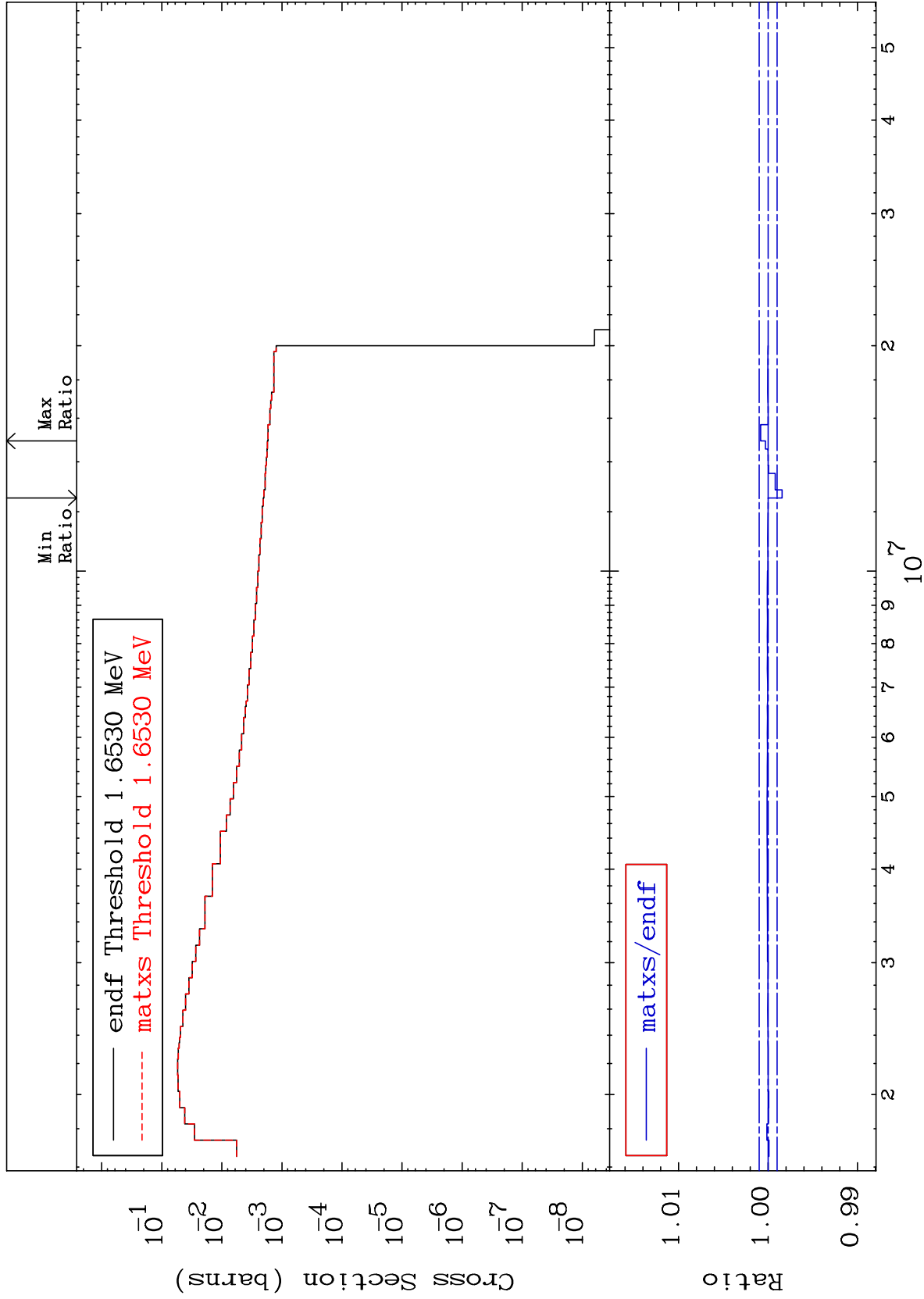
78-Pt-194  
-0.267 To 0.084 %



MAT 7837

1.671 MeV (n,n') Level  
Cross Section

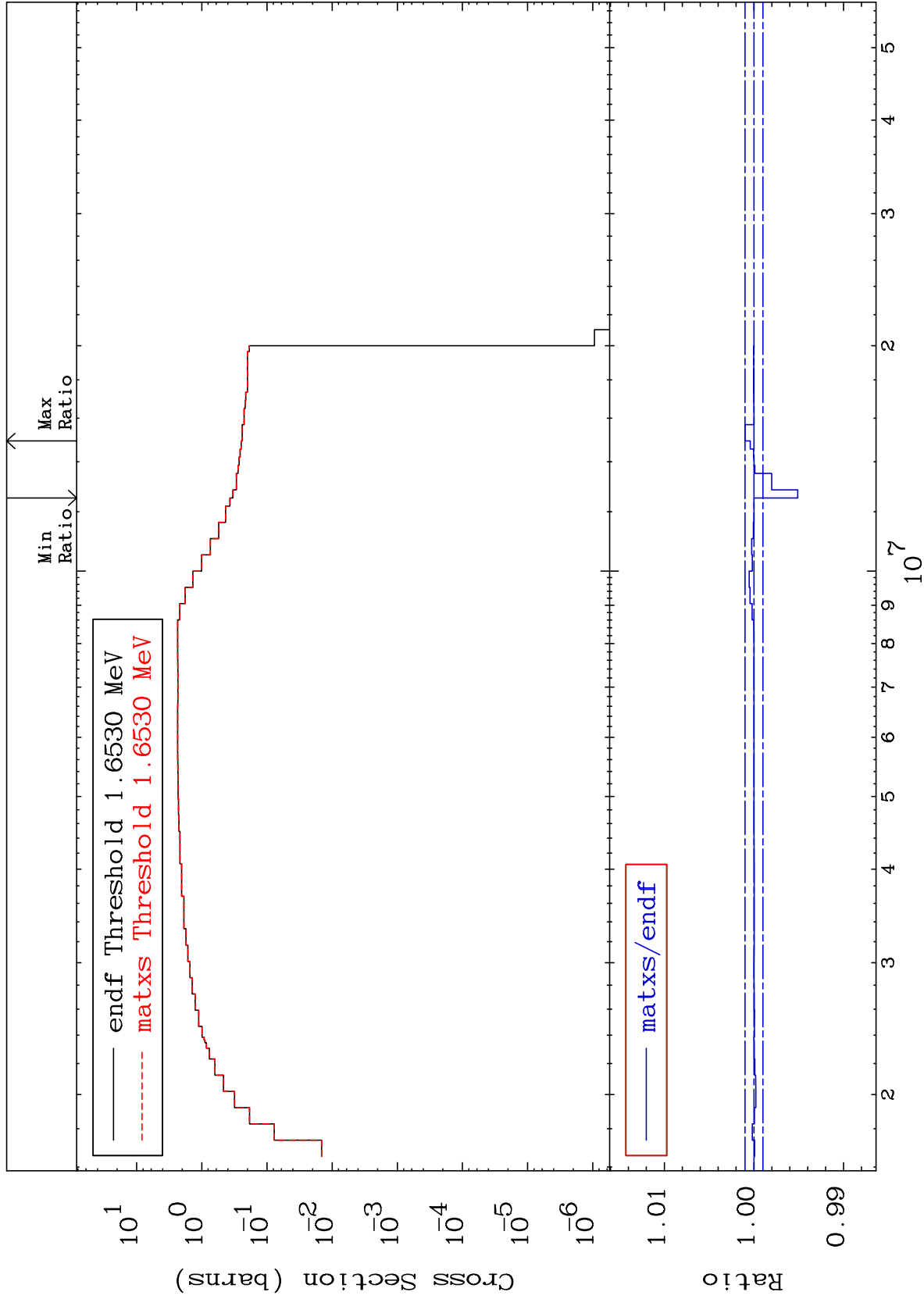
78-Pt-194  
-0.157 To 0.084 %



MAT 7837

(n, n') Continuum  
Cross Section

78-Pt-194  
-0.488 To 0.099 %



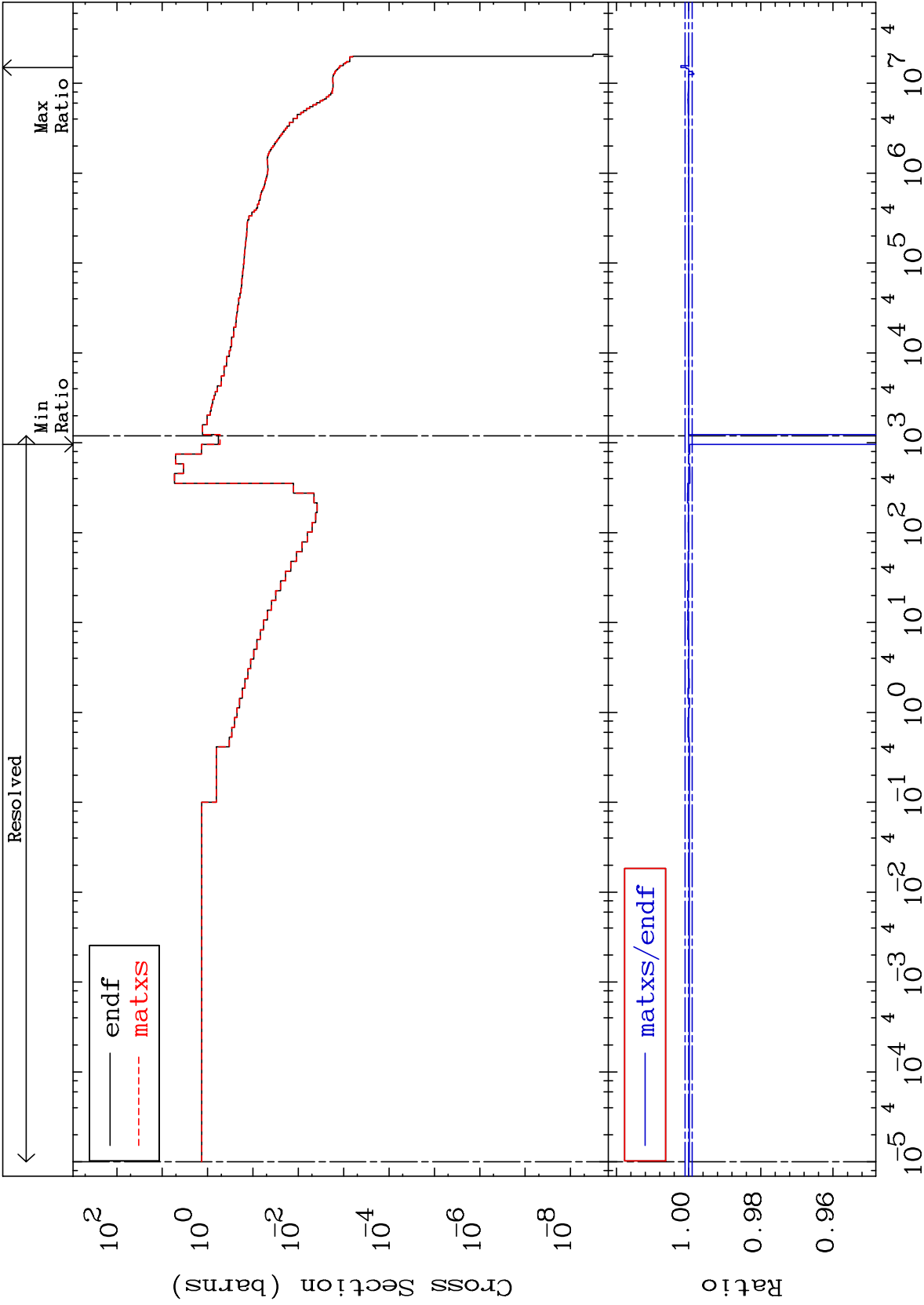
MAT 7837

(n,  $\gamma$ )

78-Pt-194

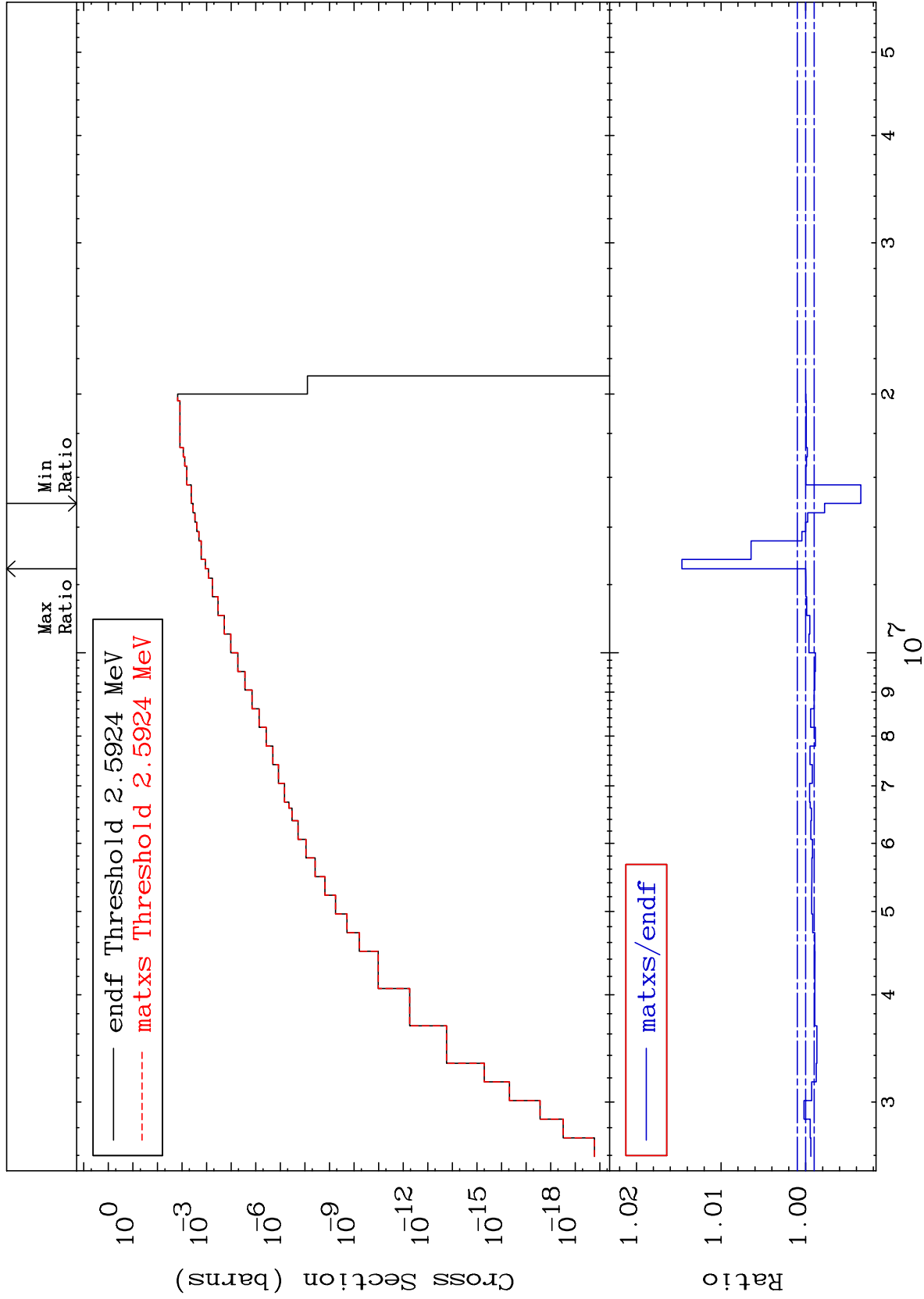
Cross Section

-7.226 To 0.213 %



MAT 7837

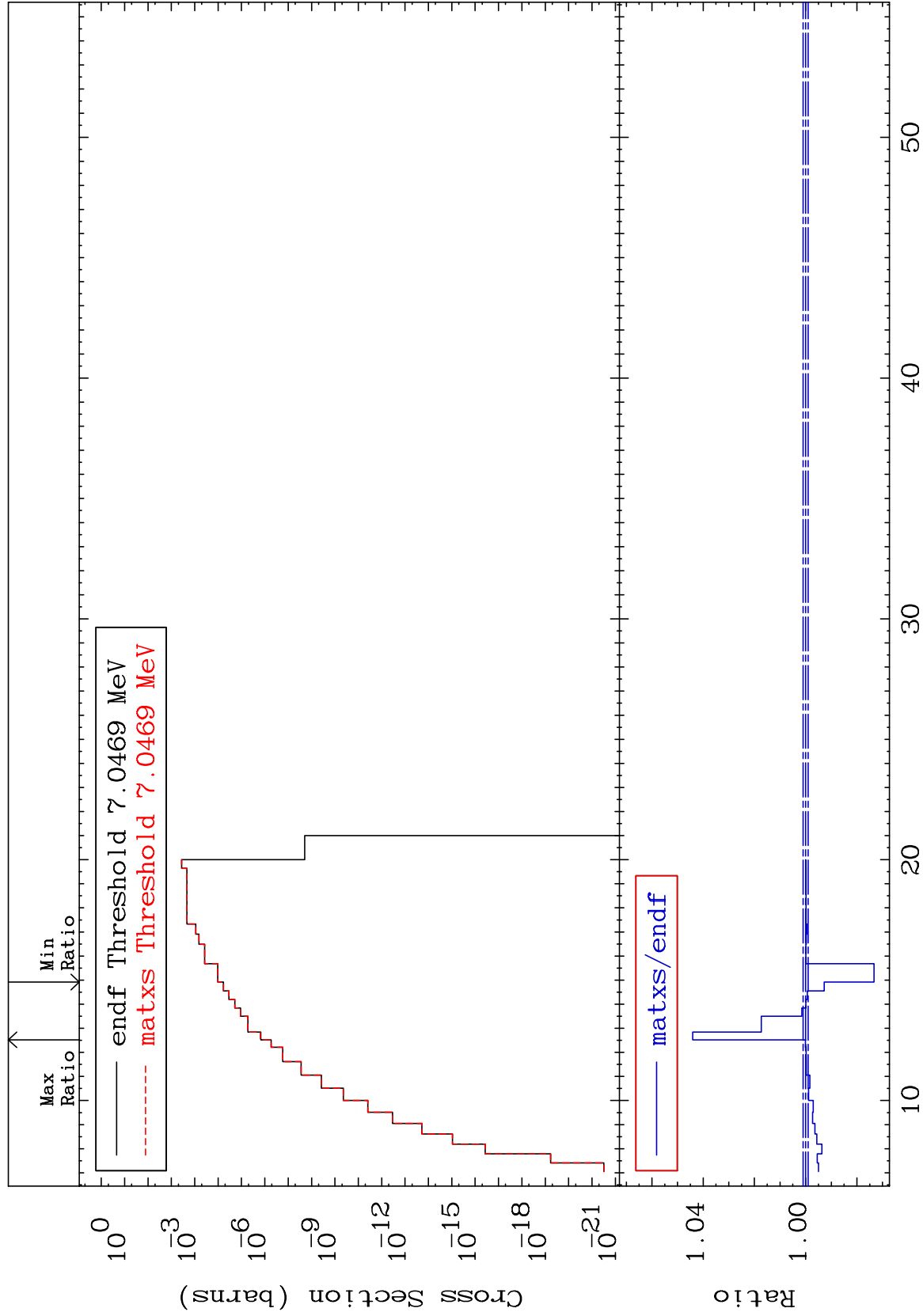
(n,p)  
Cross Section  
78-Pt-194  
-0.651 To 1.463 %



MAT 7837

(n,d)  
Cross Section

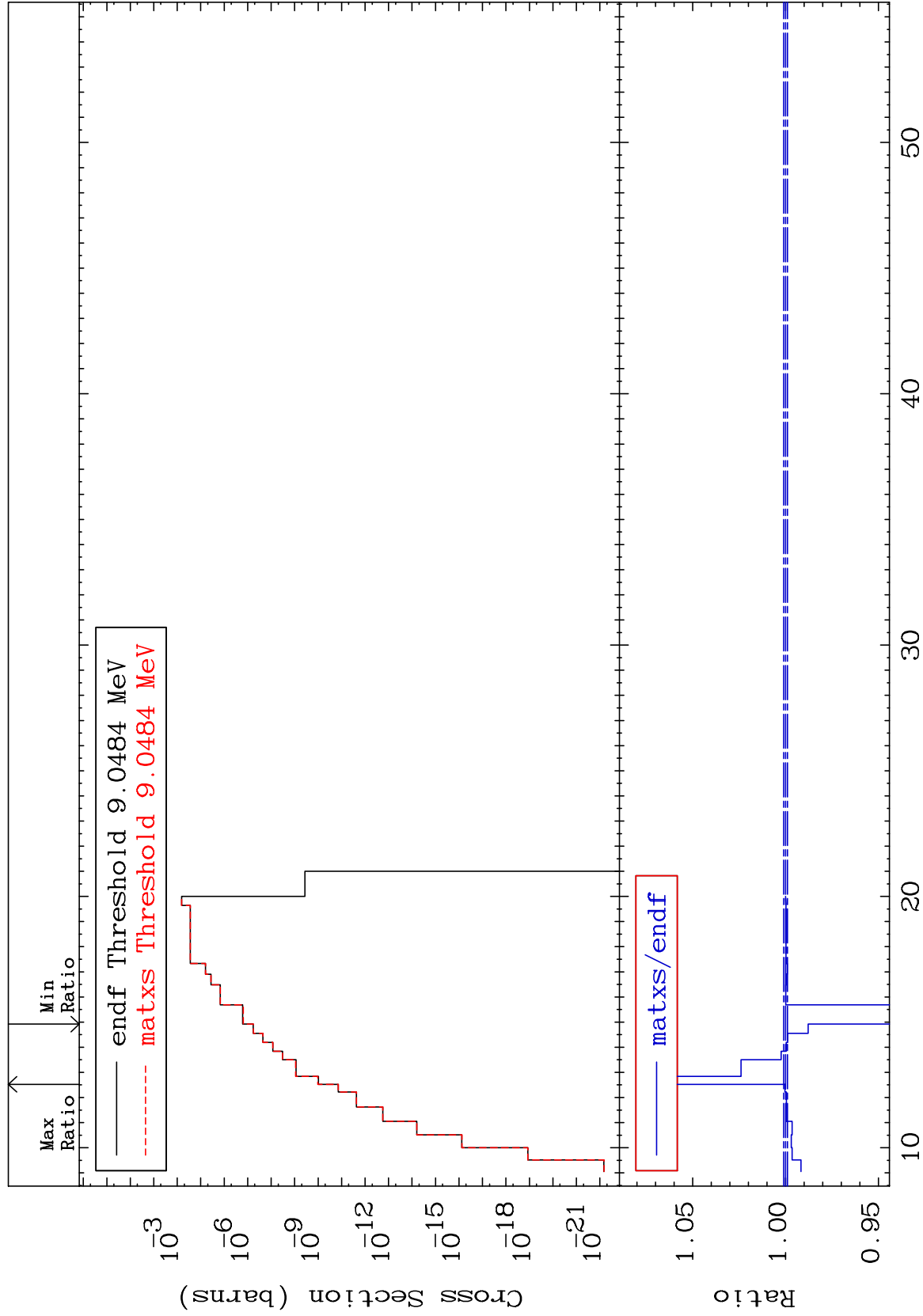
78-Pt-194  
-2.669 To 4.408 %



MAT 7837

(n, t)  
Cross Section

78-Pt-194  
-5.975 To 6.494 %



30

Incident Energy (MeV)

50

78-Pt-194

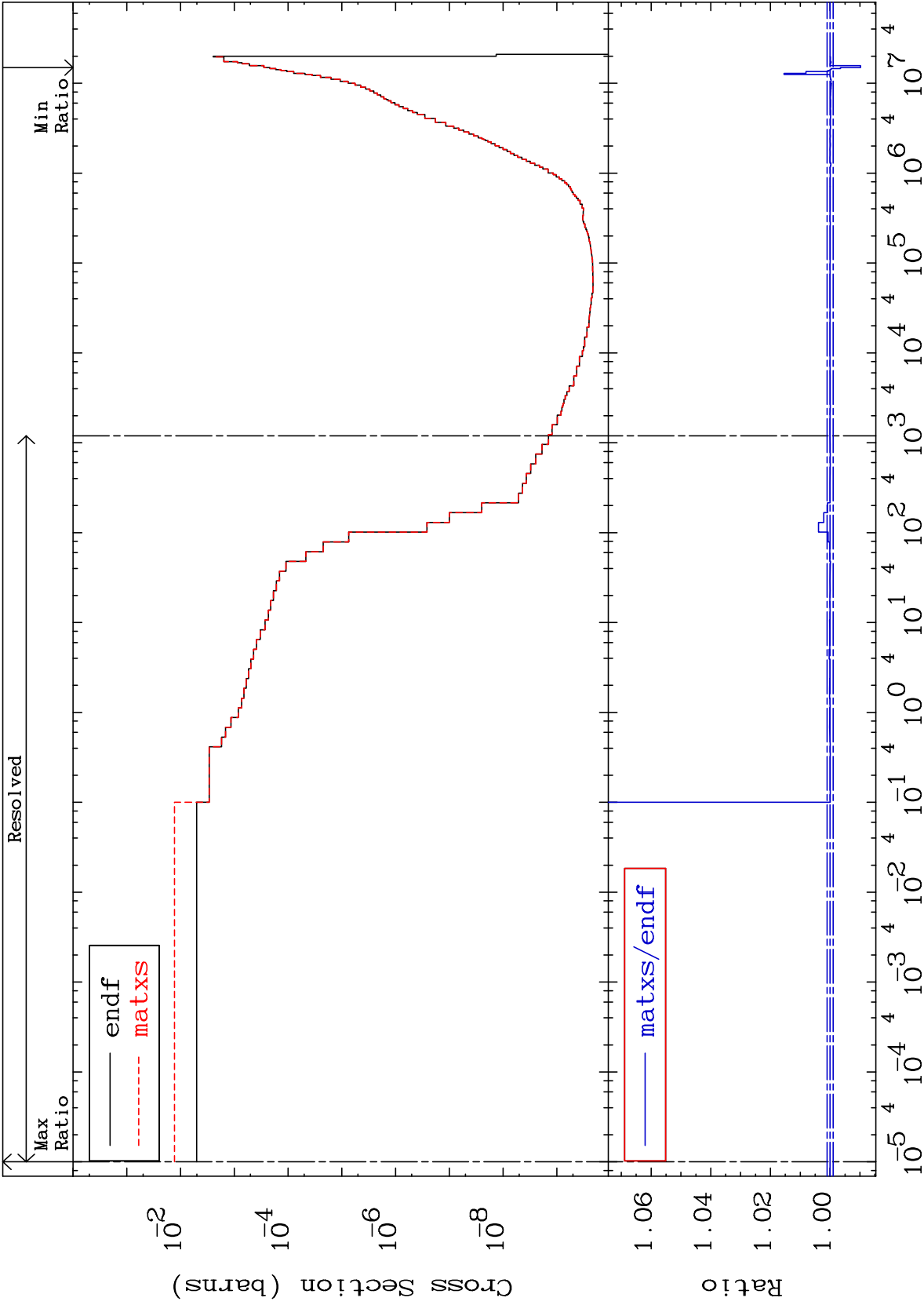
MAT 7837

(n,  $\alpha$ )

78-Pt-194

Cross Section

-1.021 To 159.2 %

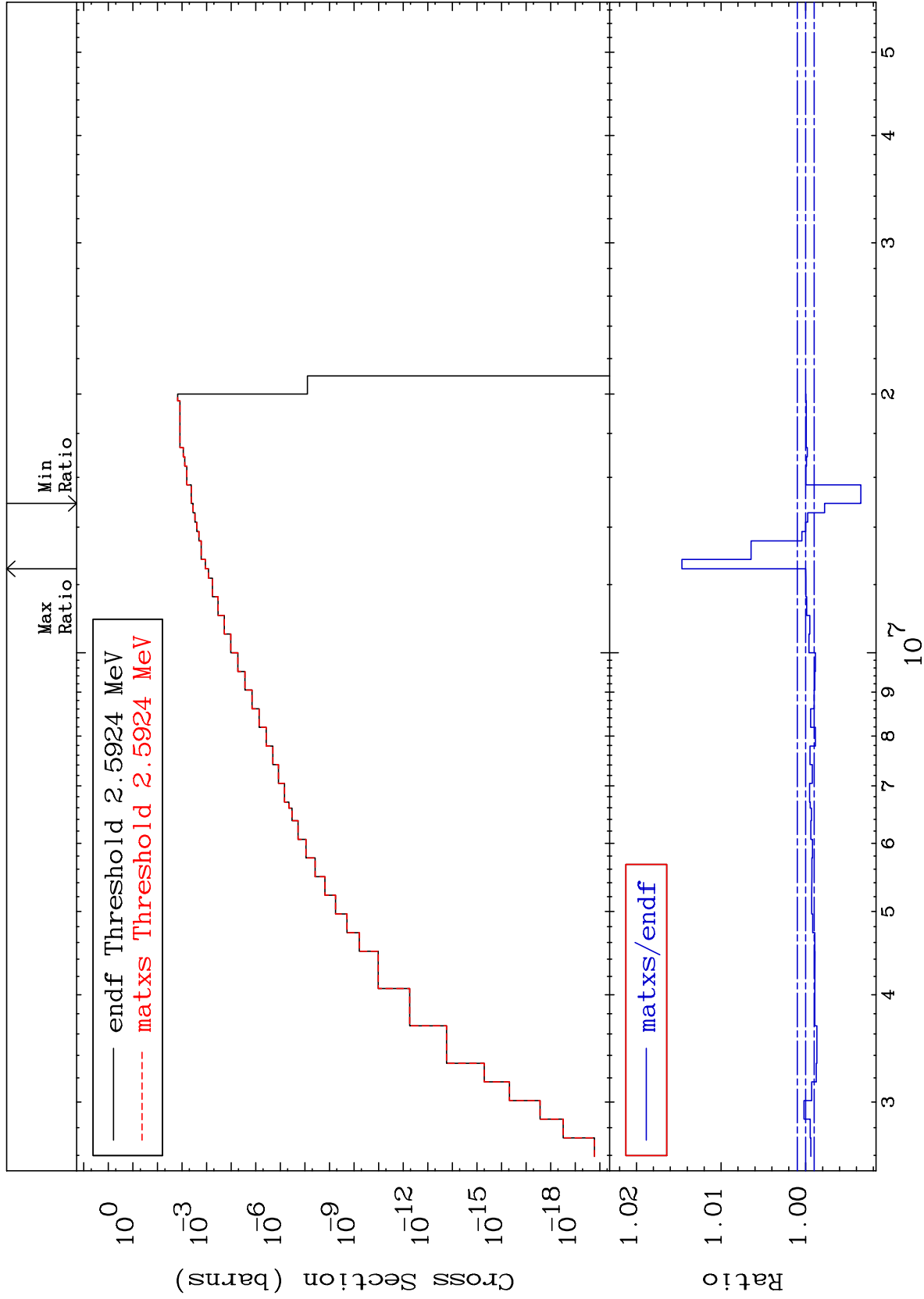




MAT 7837

0.000 keV (n,p') Level  
Cross Section

78-Pt-194  
-0.651 To 1.463 %



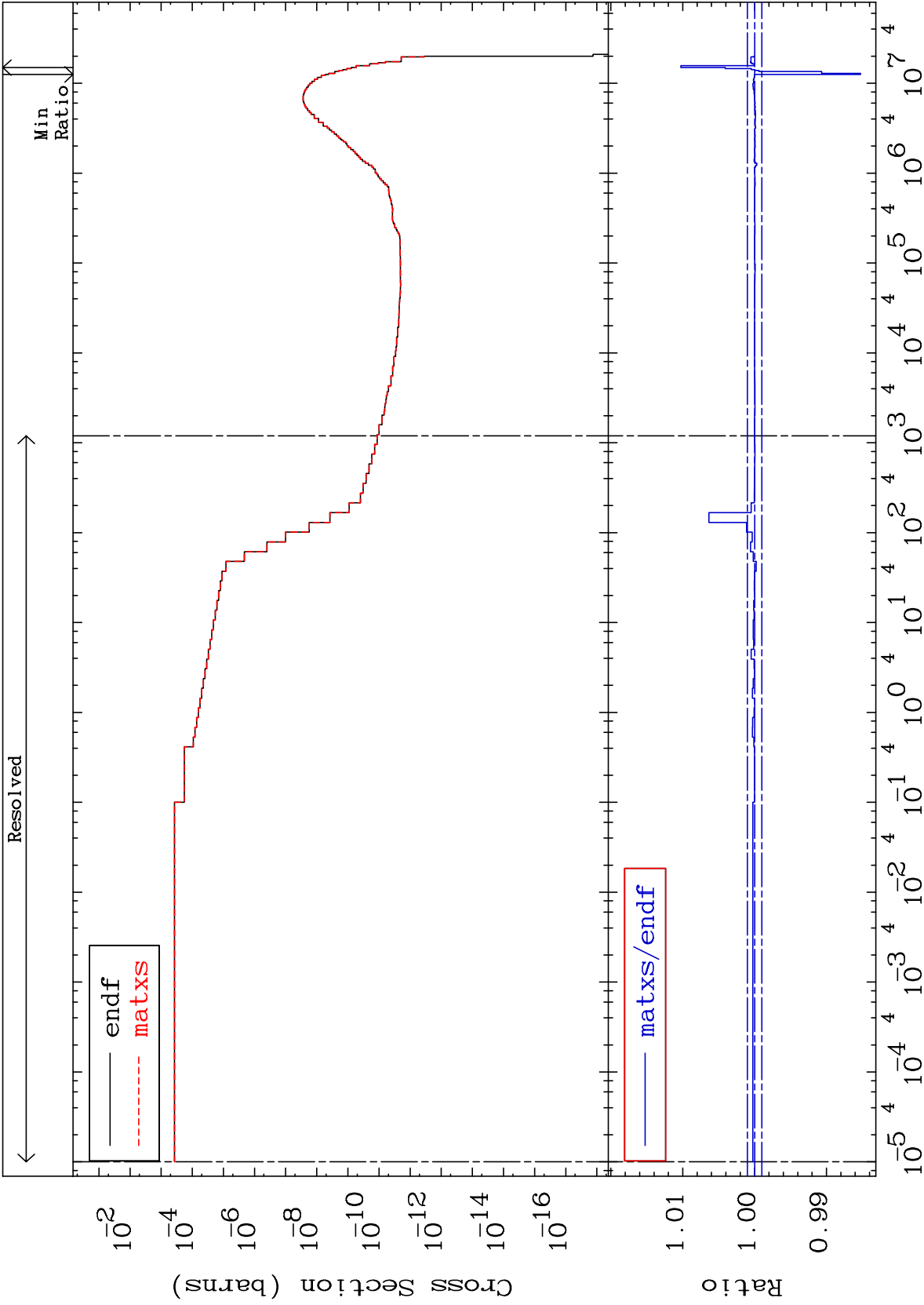
32

78-Pt-194

MAT 7837

(n,  $\alpha'$ ) Ground  
Cross Section

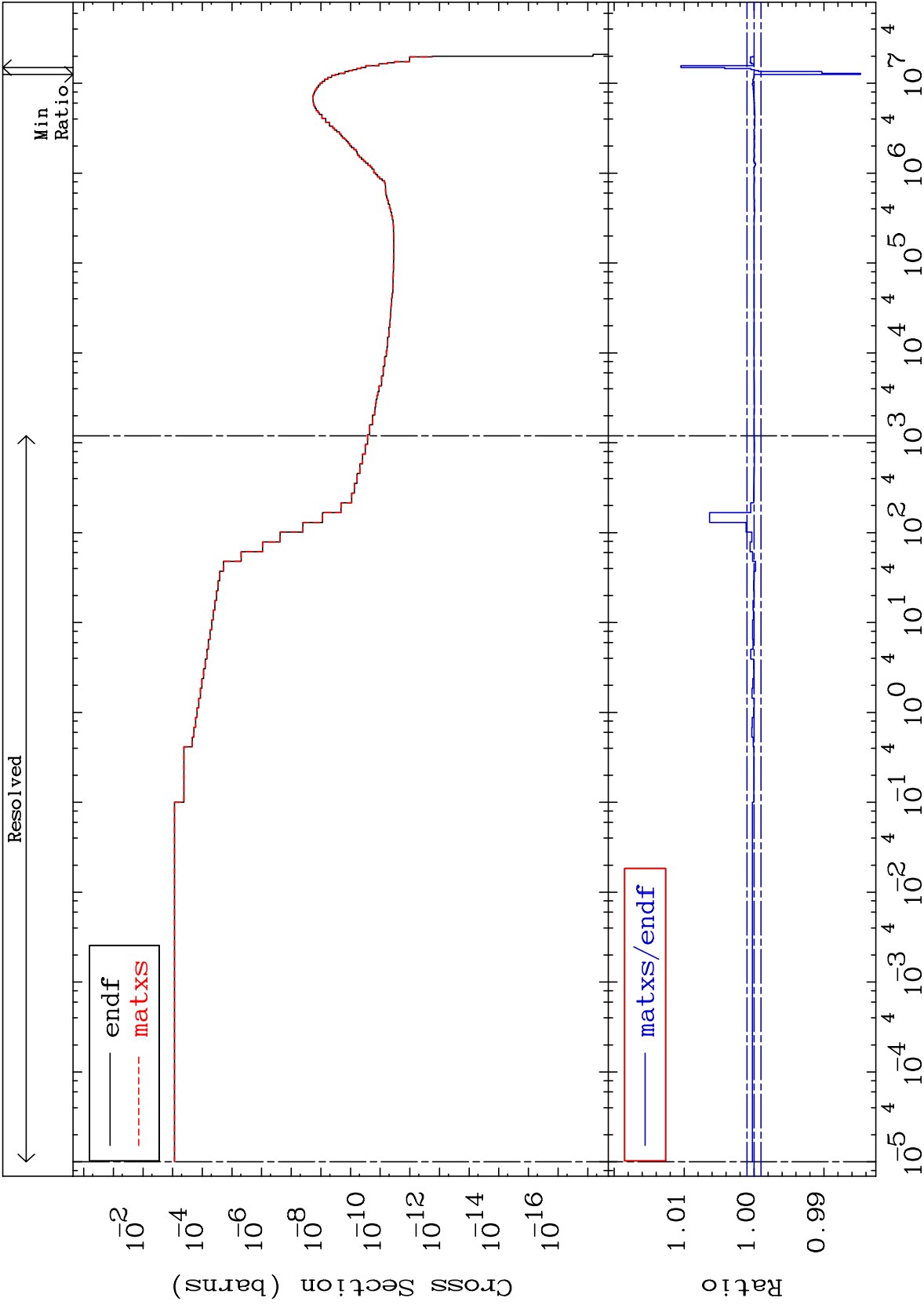
78-Pt-194  
-1.474 To 1.026 %



MAT 7837

74.38 keV (n,  $\alpha'$ ) Level  
Cross Section

78-Pt-194  
-1.524 To 1.046 %



34

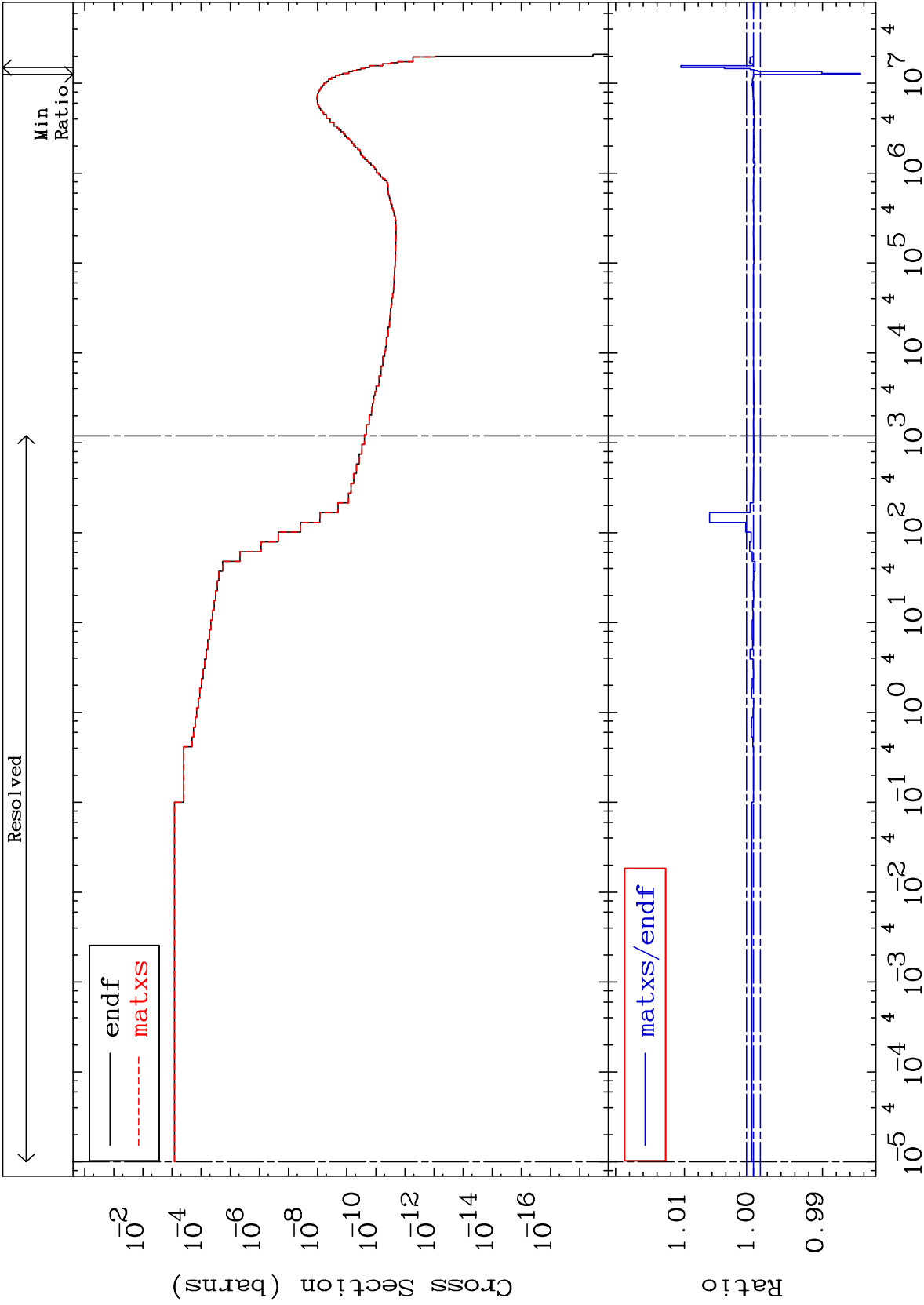
Incident Energy (eV)

78-Pt-194

MAT 7837

84.45 keV (n,  $\alpha'$ ) Level  
Cross Section

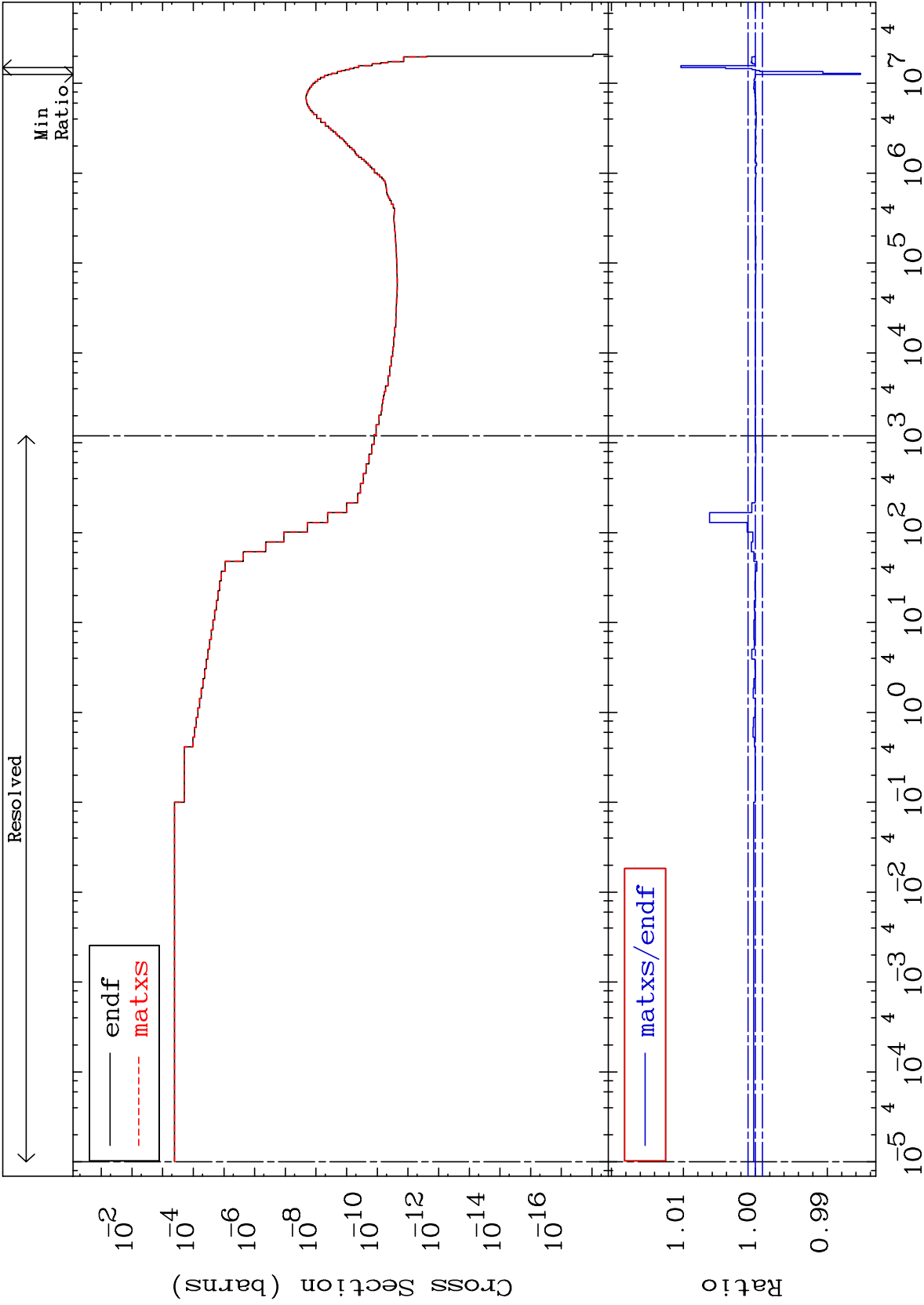
78-Pt-194  
-1.551 To 1.052 %



MAT 7837

131.9 keV (n,α') Level  
Cross Section

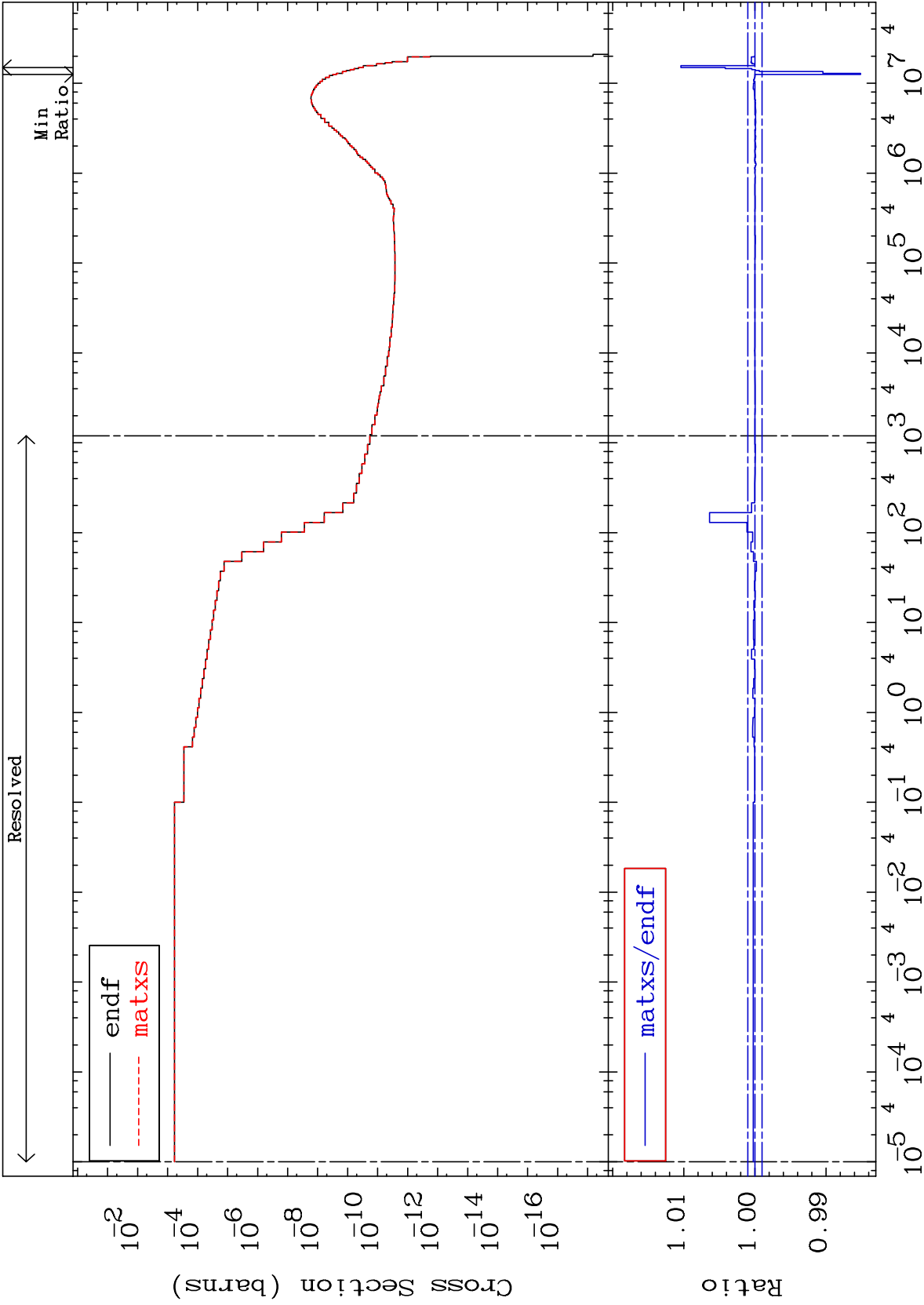
78-Pt-194  
-1.463 To 1.034 %



MAT 7837

141.9 keV (n,  $\alpha'$ ) Level  
Cross Section

78-Pt-194  
-1.486 To 1.041 %



37

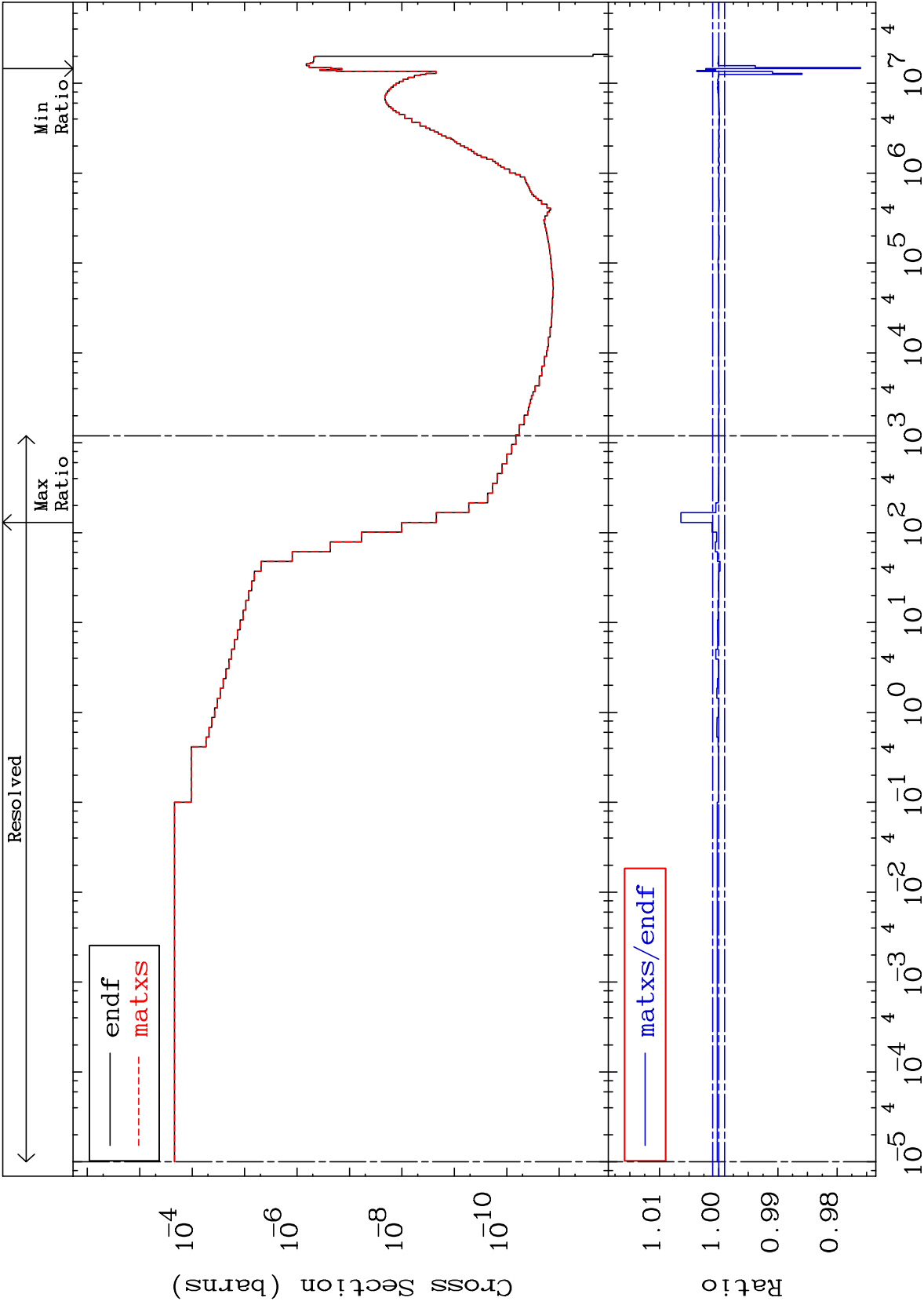
Incident Energy (eV)

78-Pt-194

MAT 7837

175.7 keV (n,  $\alpha'$ ) Level  
Cross Section

78-Pt-194  
-2.397 To 0.637 %



38

Incident Energy (eV)

78-Pt-194

MAT 7837

332.9 keV (n,α') Level  
Cross Section

78-Pt-194  
-1.022 To 463.4 %

