

Program Complot
(Version 2015-2)

by

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(Present Contact Information)

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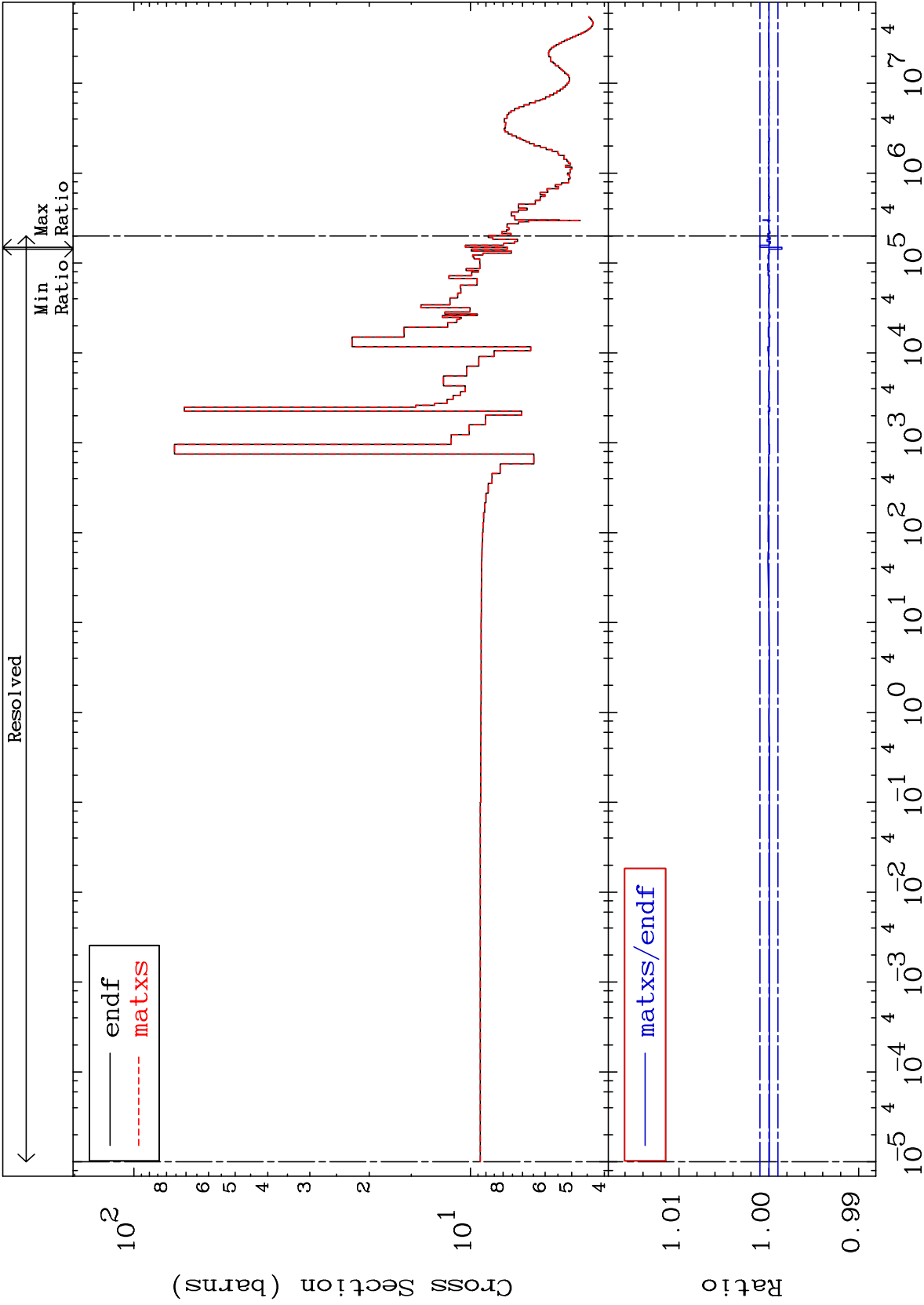
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8325

Total
Cross Section

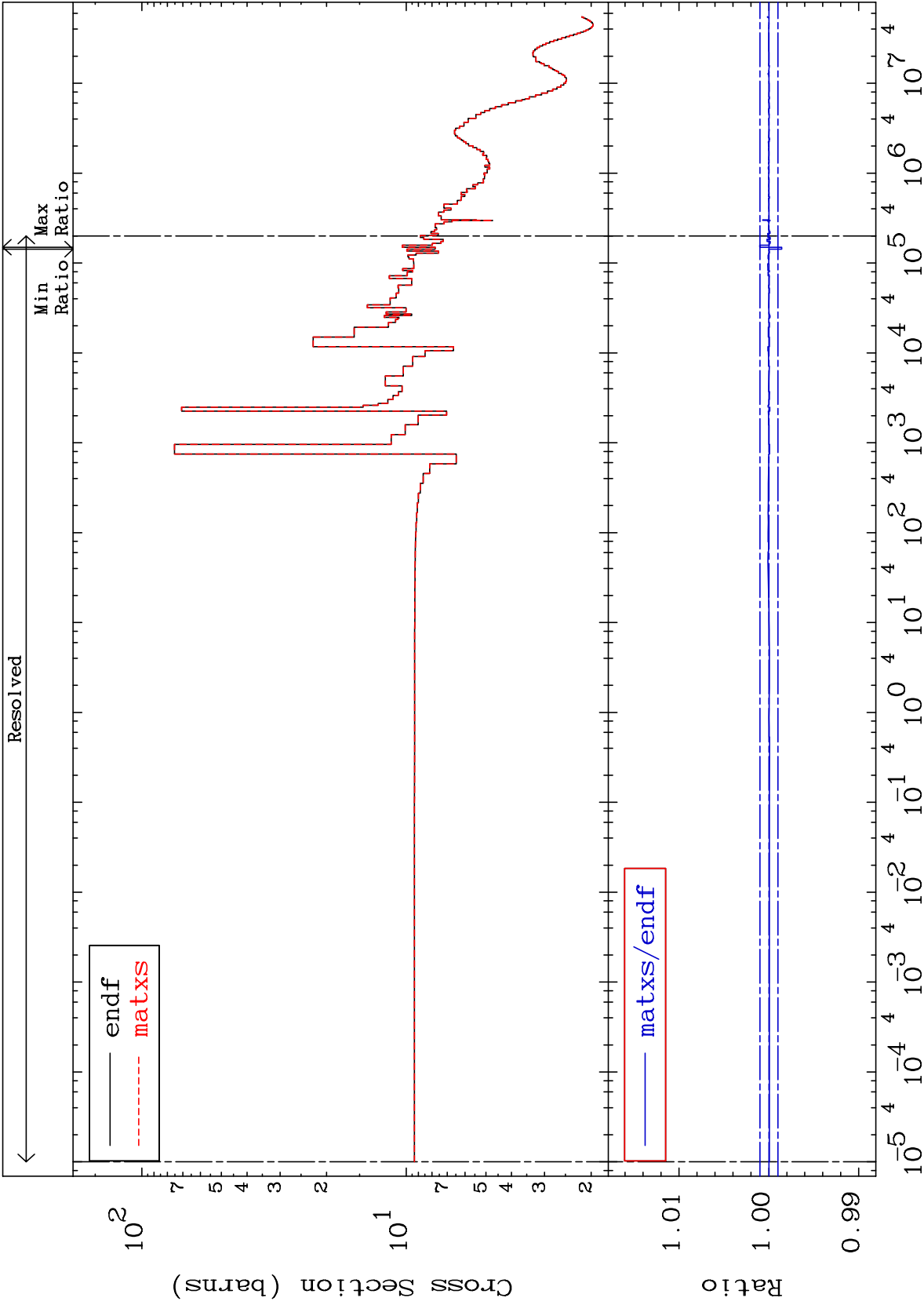
83-Bi-209
-0.144 To 0.102 %



MAT 8325

Elastic
Cross Section

83-Bi-209
-0.144 To 0.102 %



2

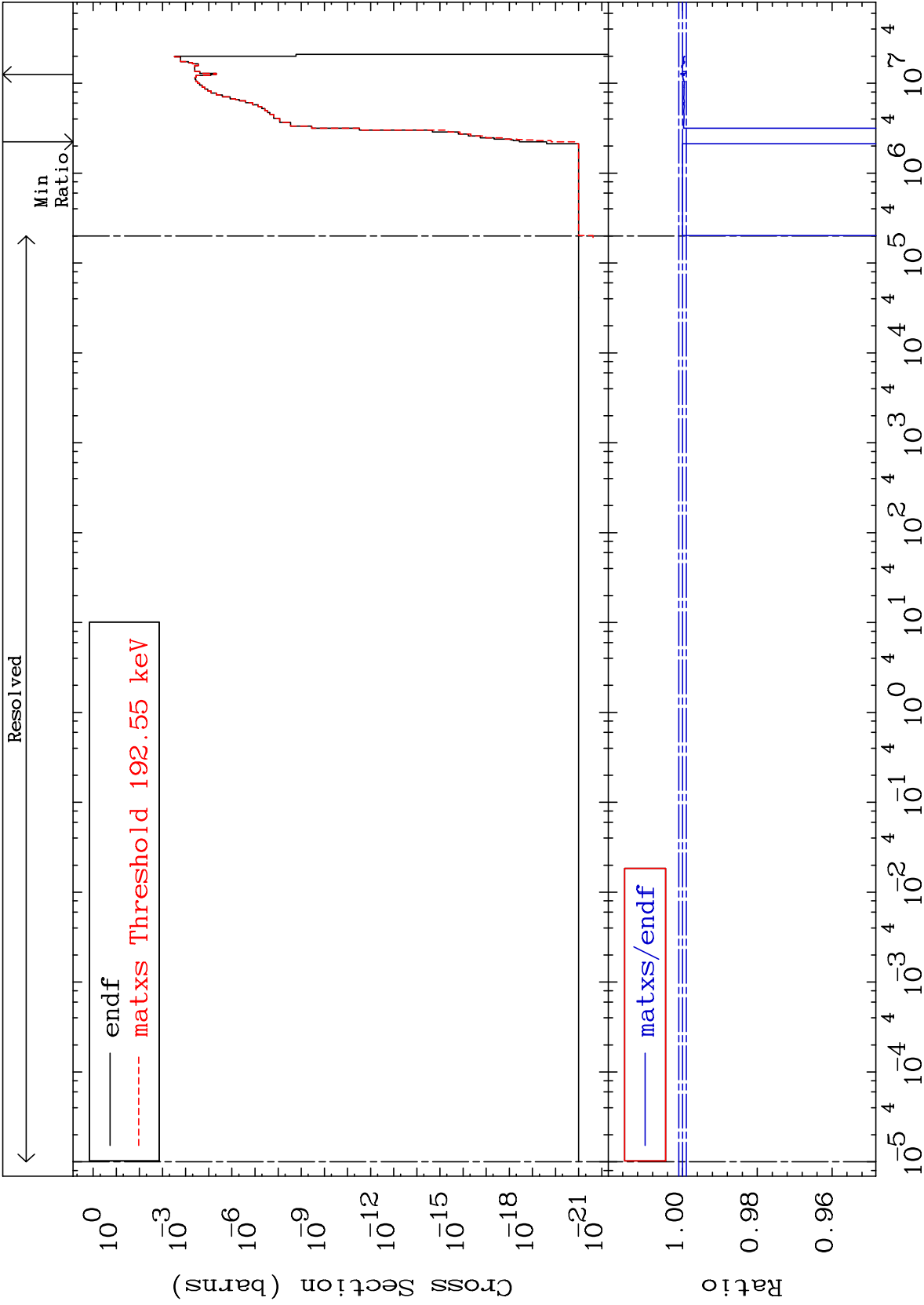
Incident Energy (eV)

83-Bi-209

MAT 8325

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

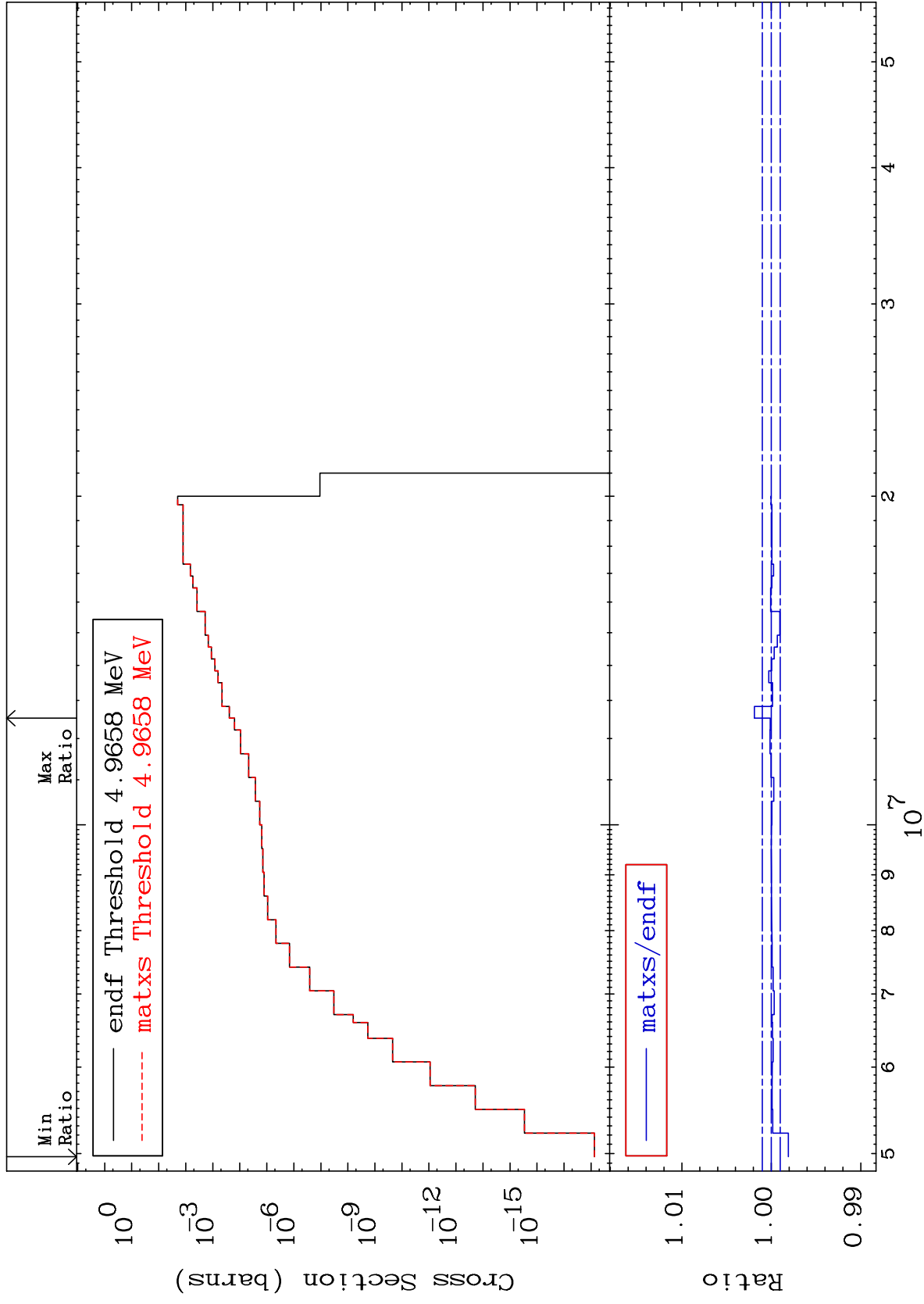
83-Bi-209
-95.73 To 0.043 %



MAT 8325

(n, n') p
Cross Section

83-Bi-209
-0.190 To 0.188 %



4

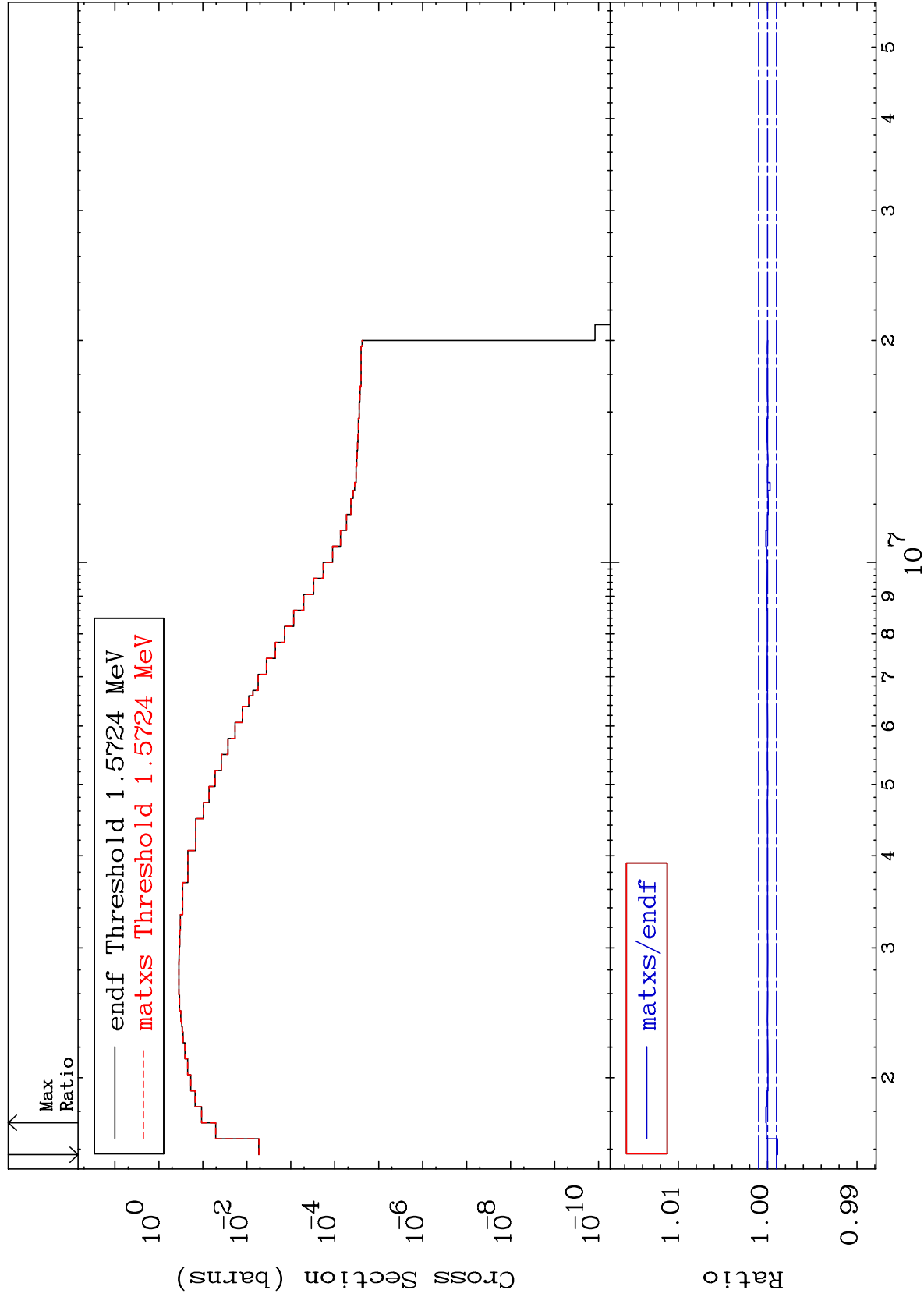
Incident Energy (eV)

83-Bi-209

MAT 8325

1.609 MeV (n,n') Level
Cross Section

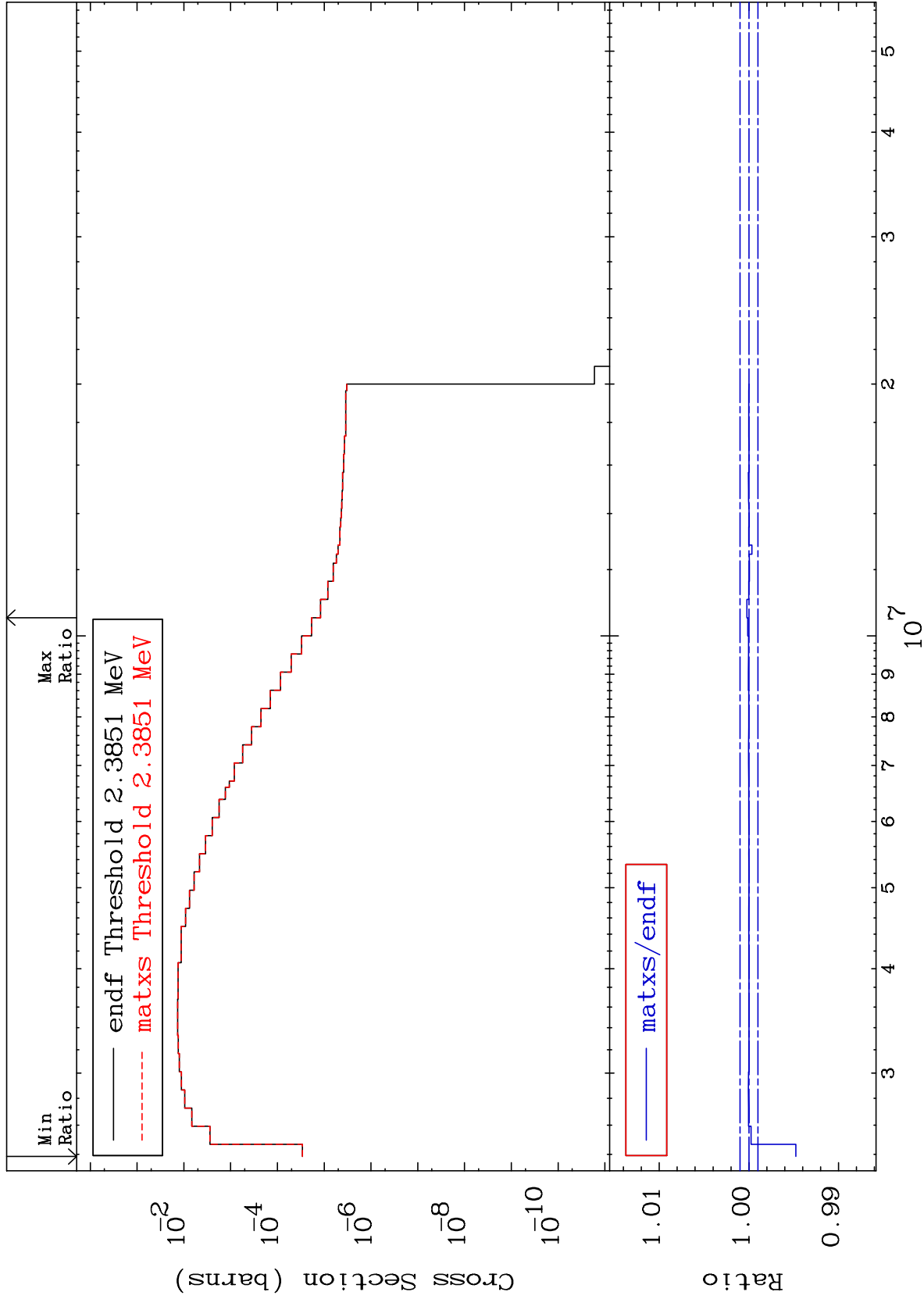
83-Bi-209
-0.110 To 0.021 %



MAT 8325

2.443 MeV (n,n') Level
Cross Section

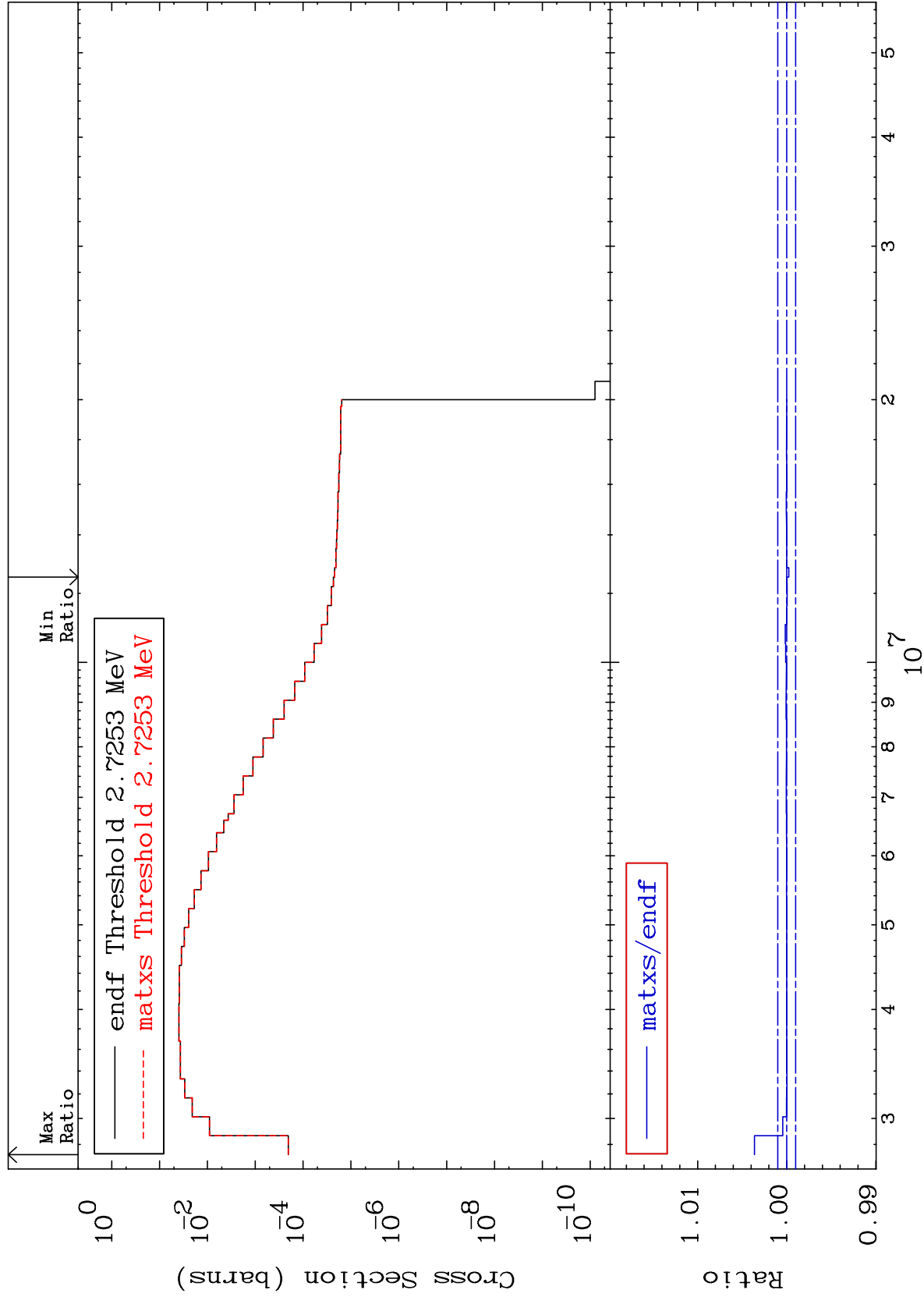
83-Bi-209
-0.523 To 0.022 %



MAT 8325

2.826 MeV (n,n') Level
Cross Section

83-Bi-209
-0.023 To 0.361 %



7

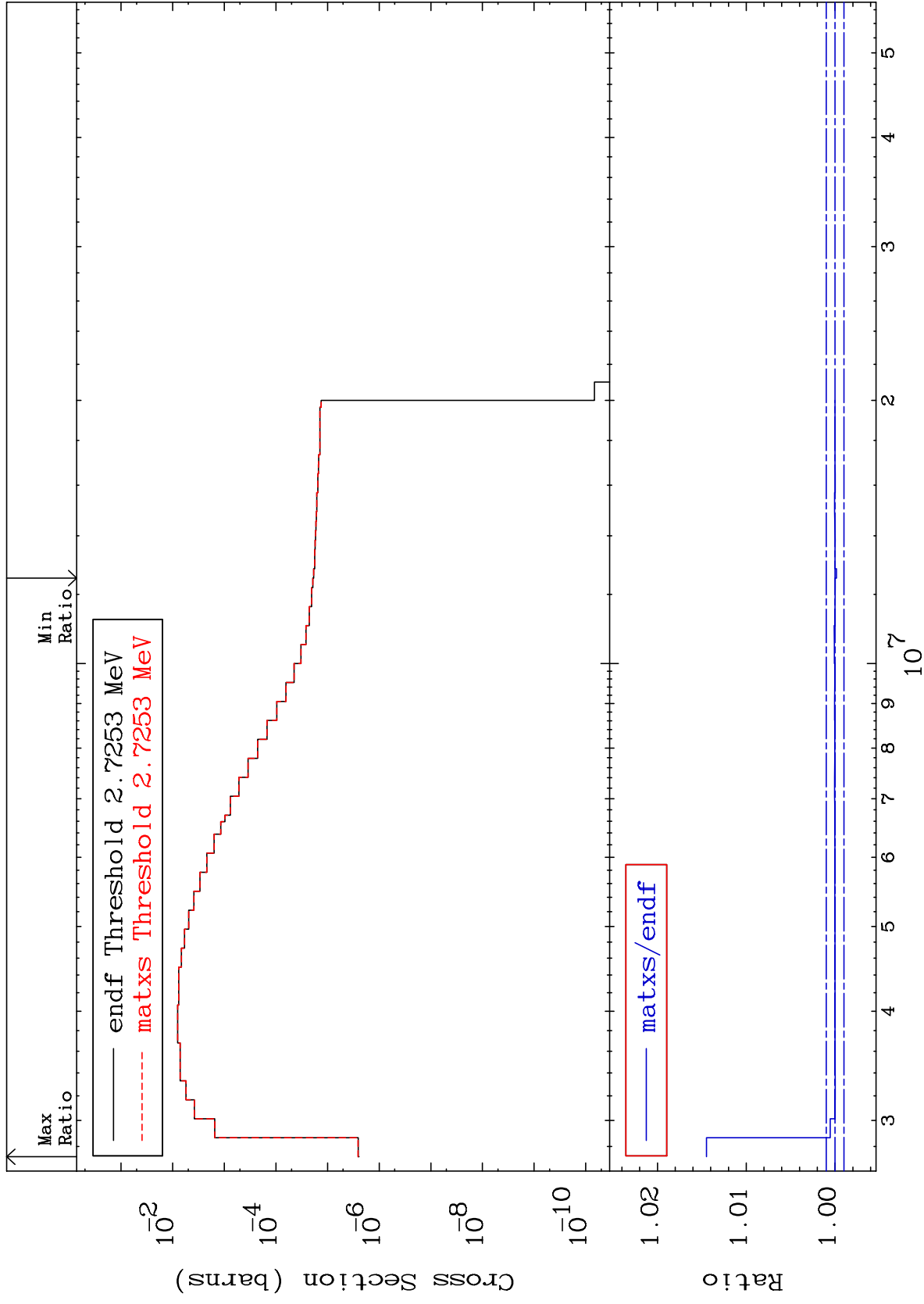
Incident Energy (eV)

83-Bi-209

MAT 8325

2.845 MeV (n,n') Level
Cross Section

83-Bi-209
-0.015 To 1.449 %



8

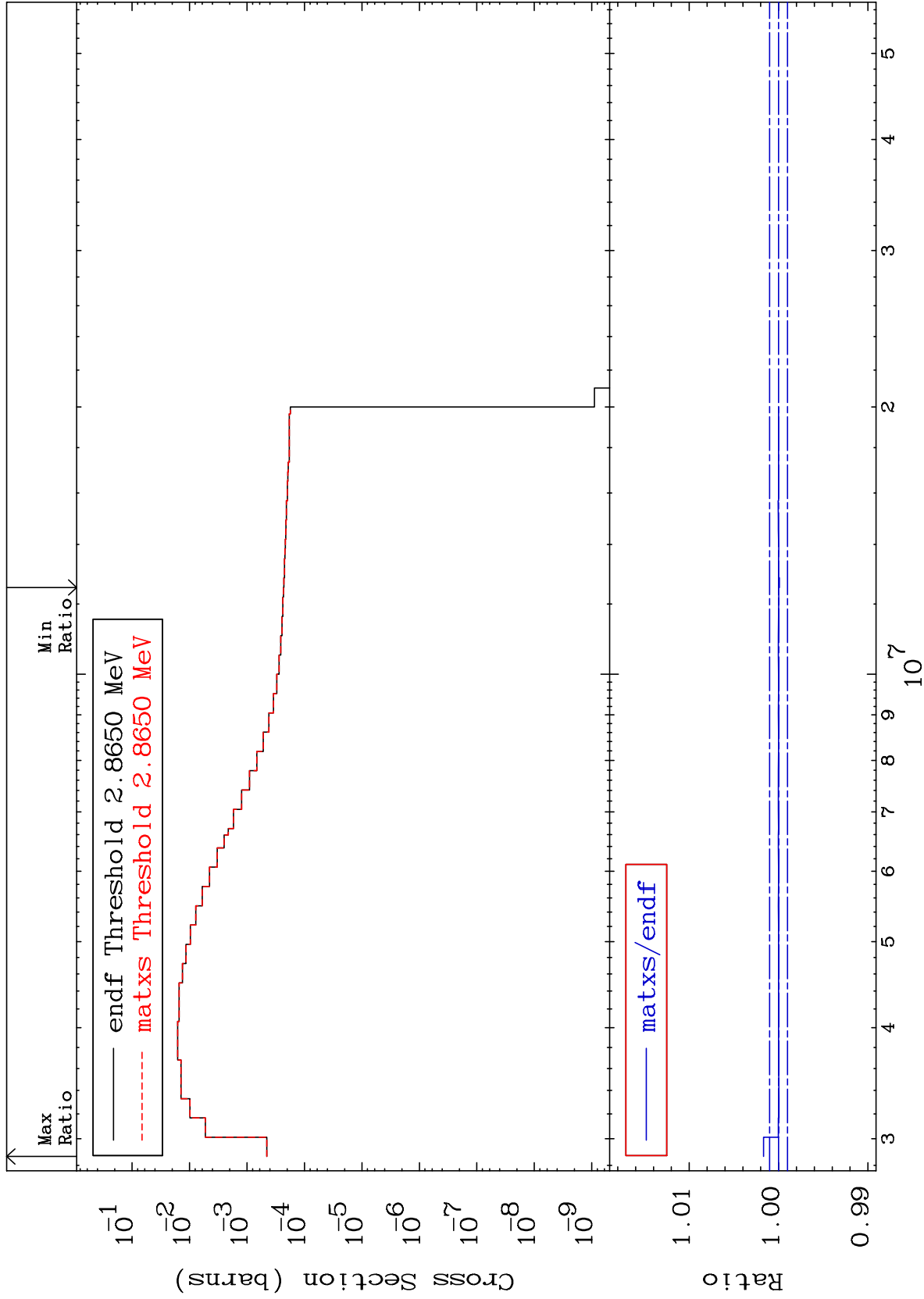
Incident Energy (eV)

83-Bi-209

MAT 8325

2.956 MeV (n,n') Level
Cross Section

83-Bi-209
-0.008 To 0.169 %



9

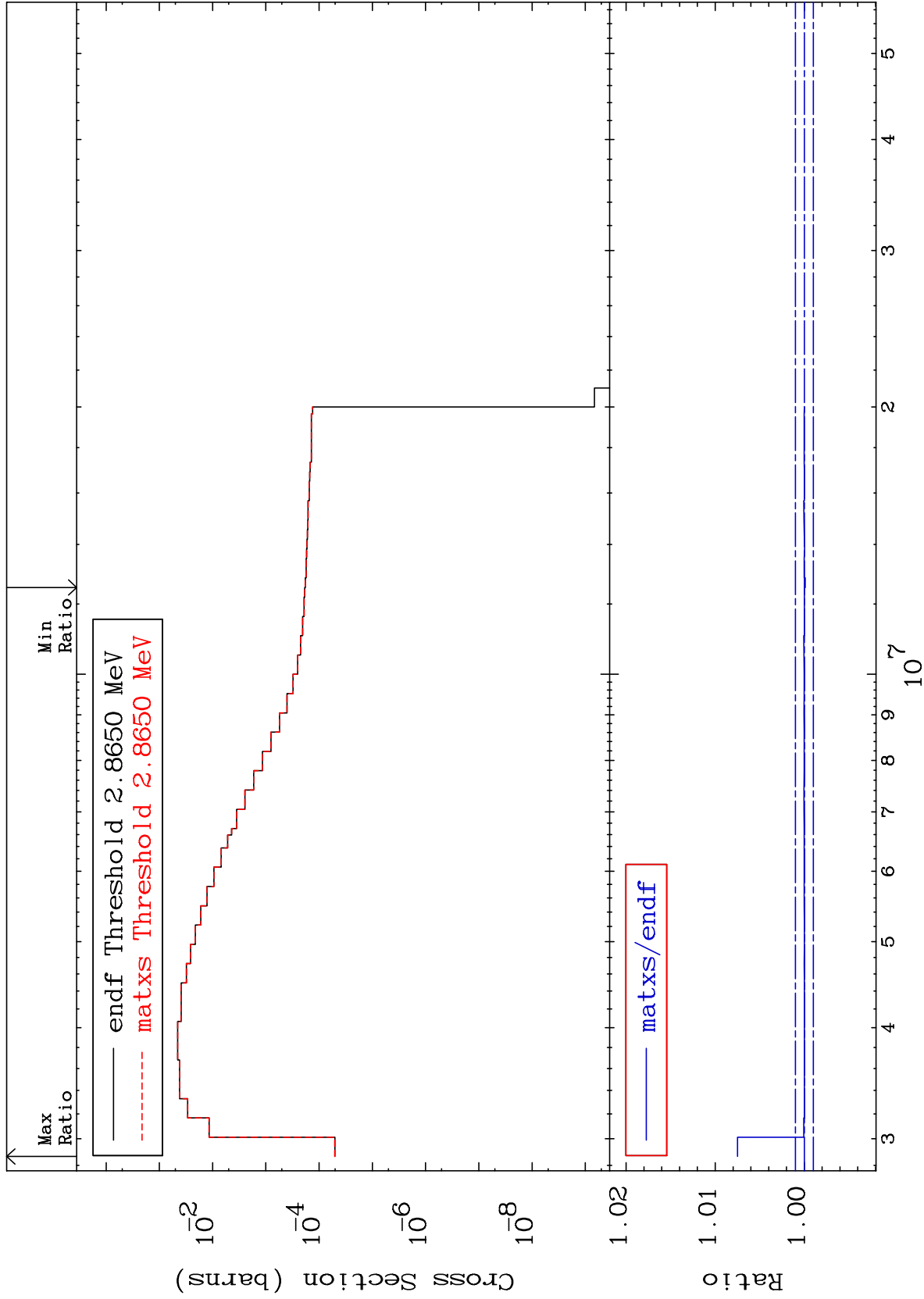
Incident Energy (eV)

83-Bi-209

MAT 8325

2.987 MeV (n,n') Level
Cross Section

83-Bi-209
-0.011 To 0.750 %



10

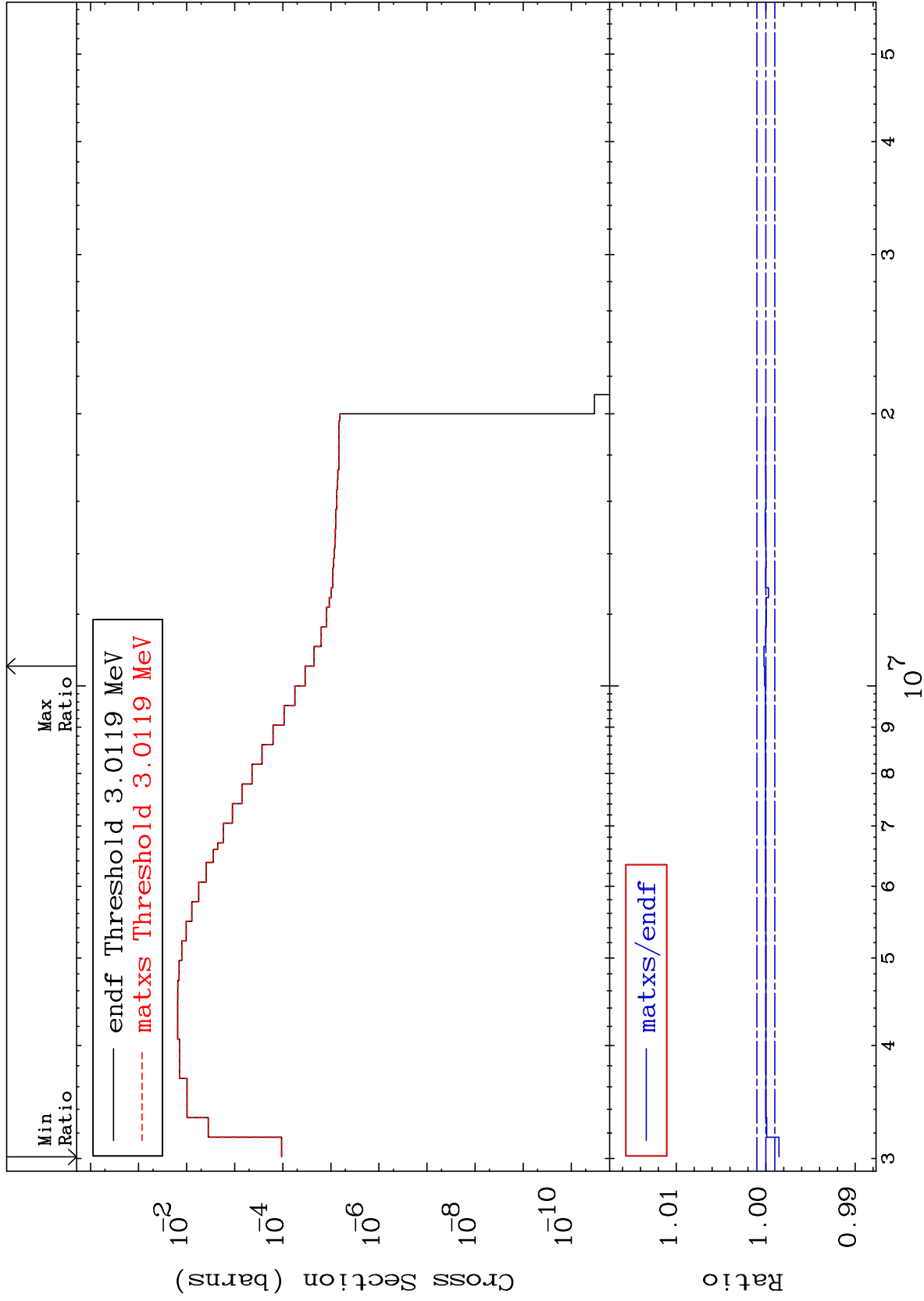
Incident Energy (eV)

83-Bi-209

MAT 8325

3.120 MeV (n,n') Level
Cross Section

83-Bi-209
-0.146 To 0.021 %



11

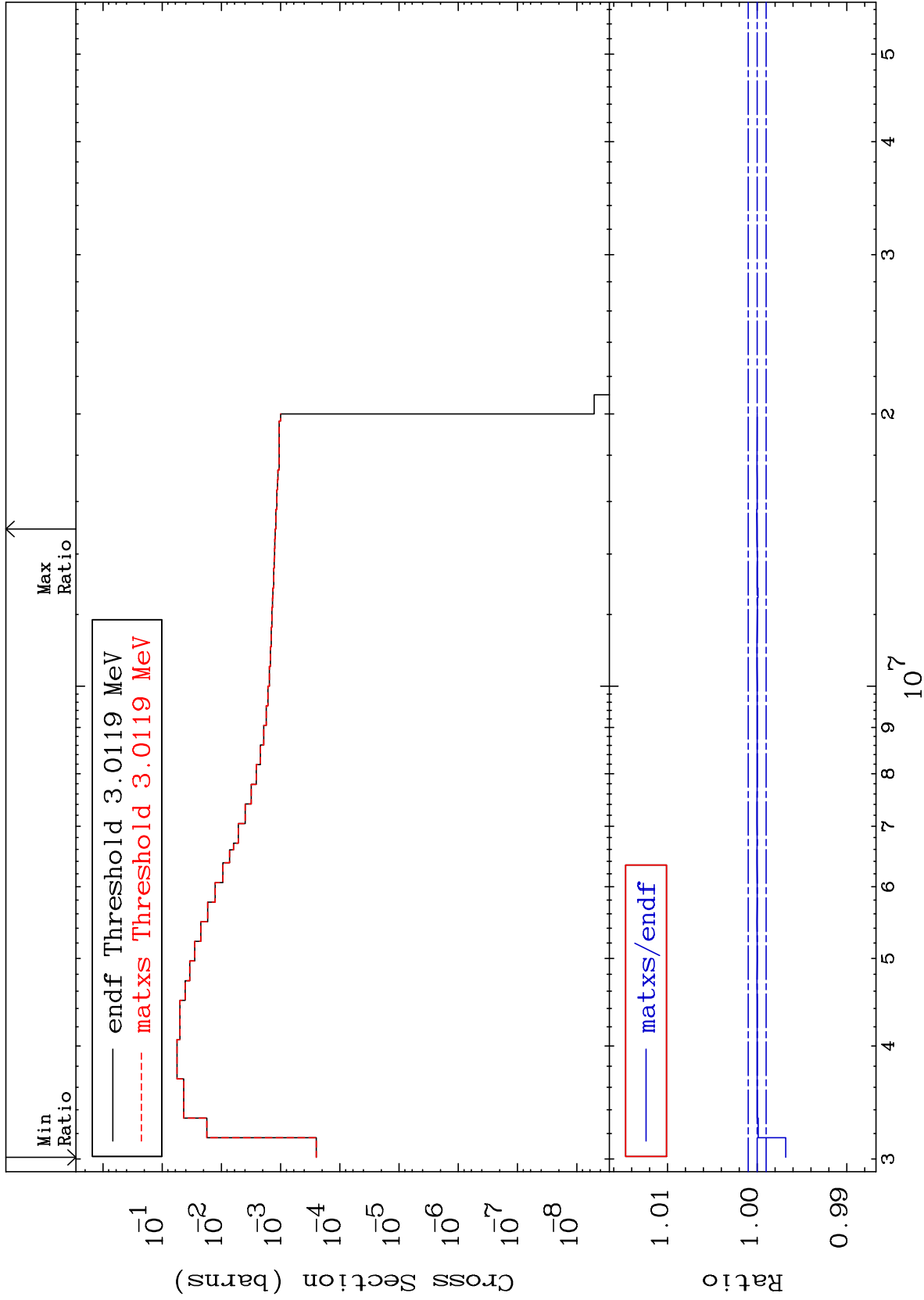
Incident Energy (eV)

83-Bi-209

MAT 8325

3.133 MeV (n,n') Level
Cross Section

83-Bi-209
-0.319 To 0.005 %



12

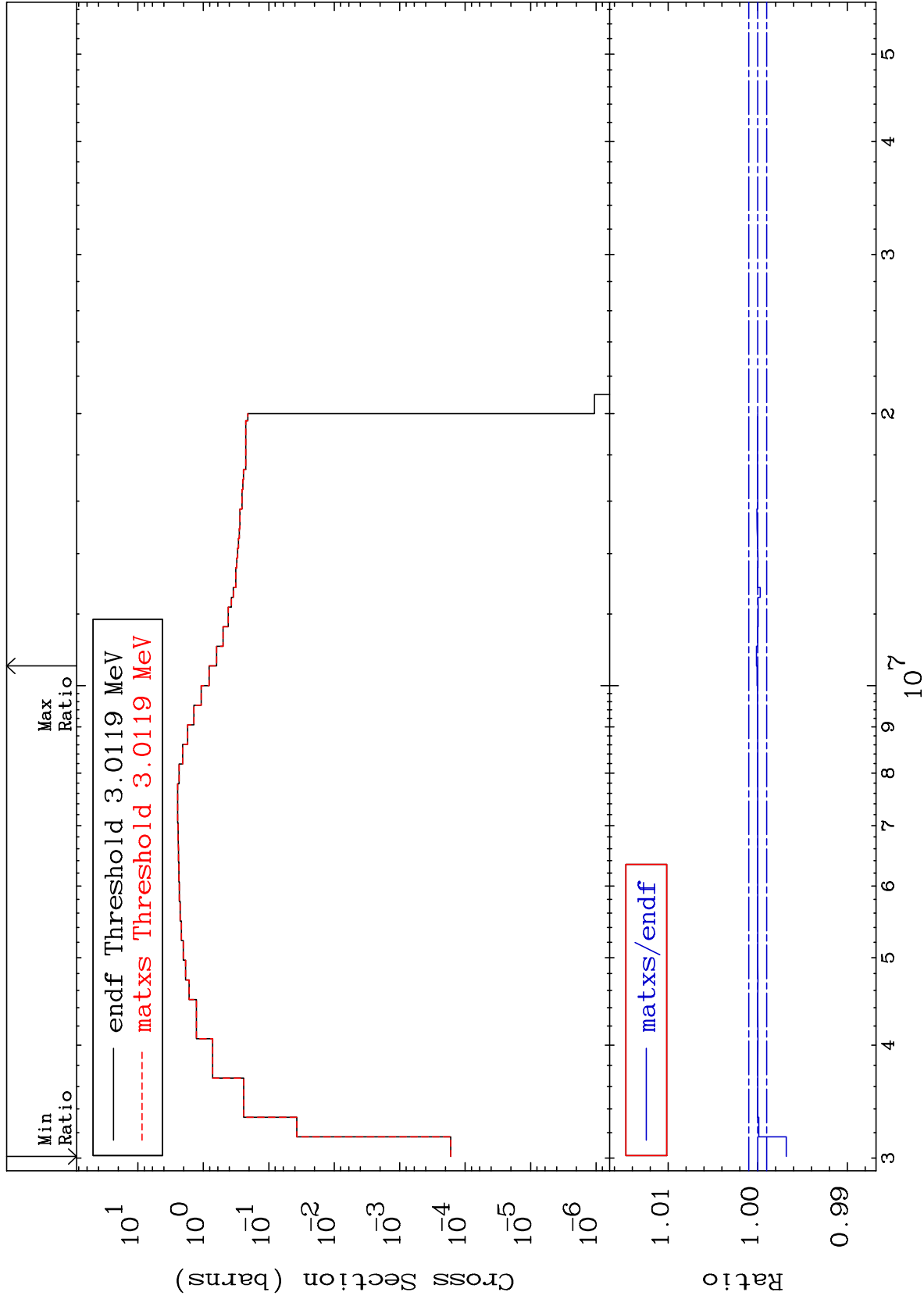
Incident Energy (eV)

83-Bi-209

MAT 8325

(n,n') Continuum
Cross Section

83-Bi-209
-0.319 To 0.014 %



13

Incident Energy (eV)

83-Bi-209

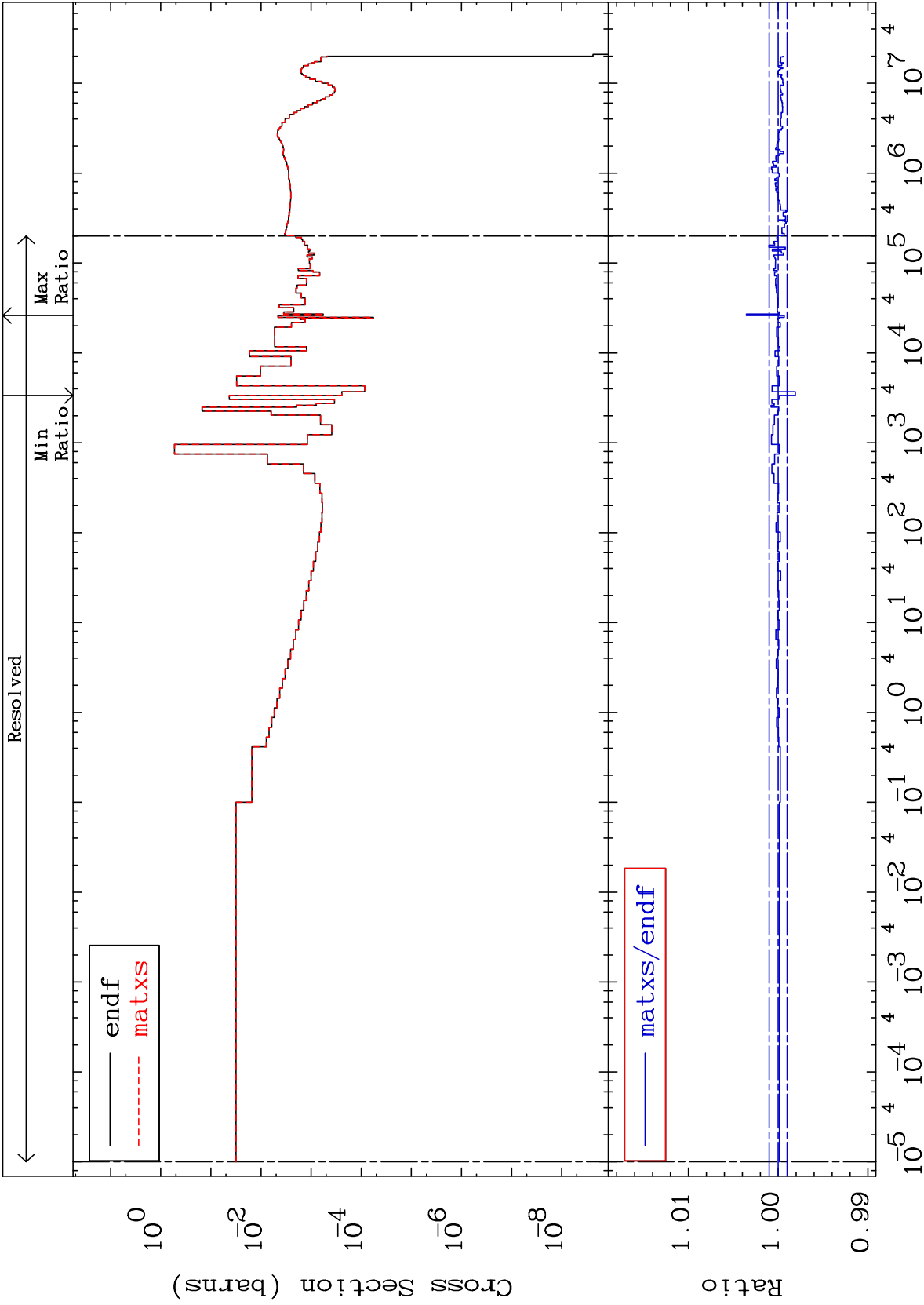
MAT 8325

(n, γ)

83-Bi-209

Cross Section

-0.190 To 0.356 %



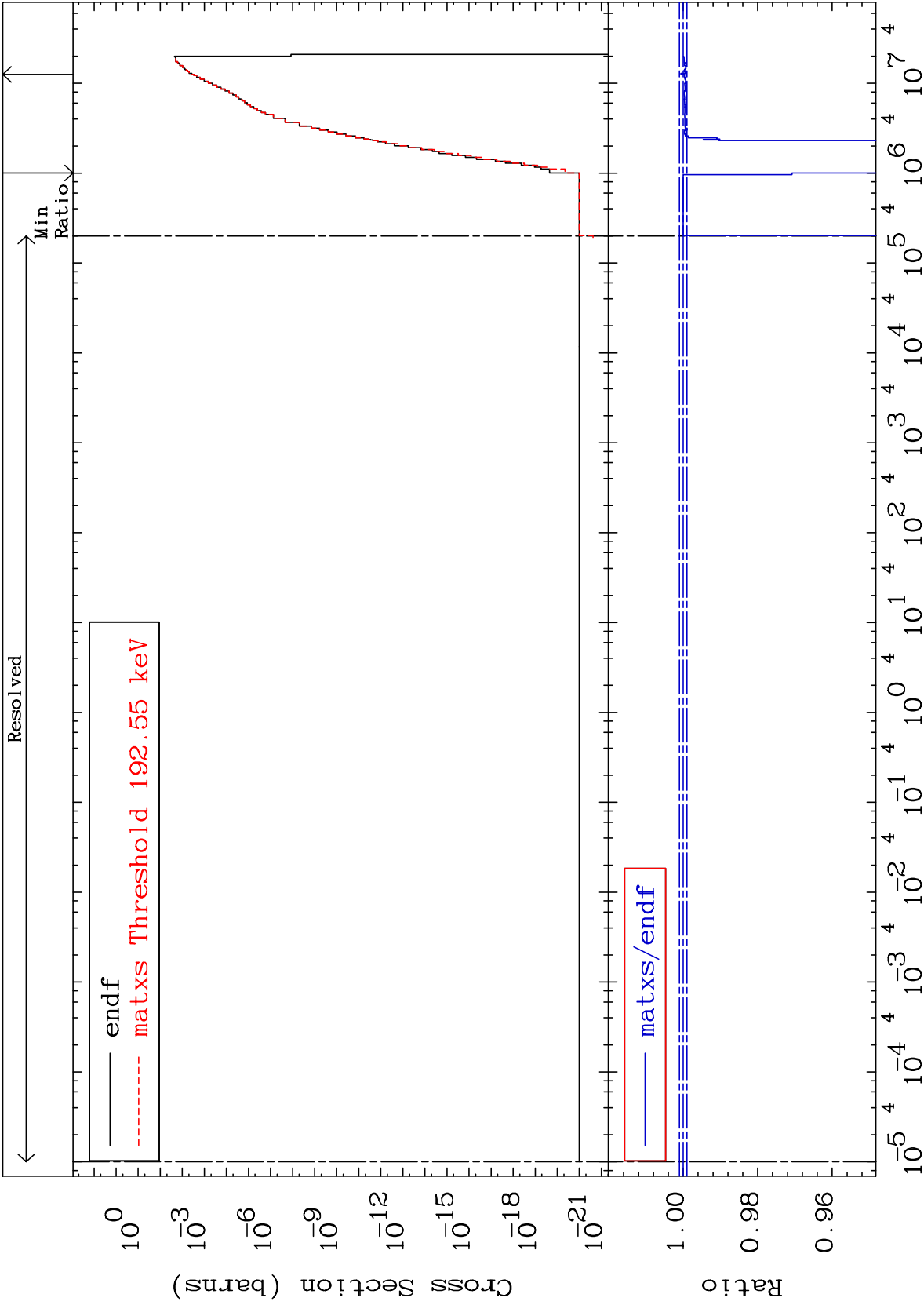
MAT 8325

(n,p)

83-Bi-209

Cross Section

-80.24 To 0.062 %



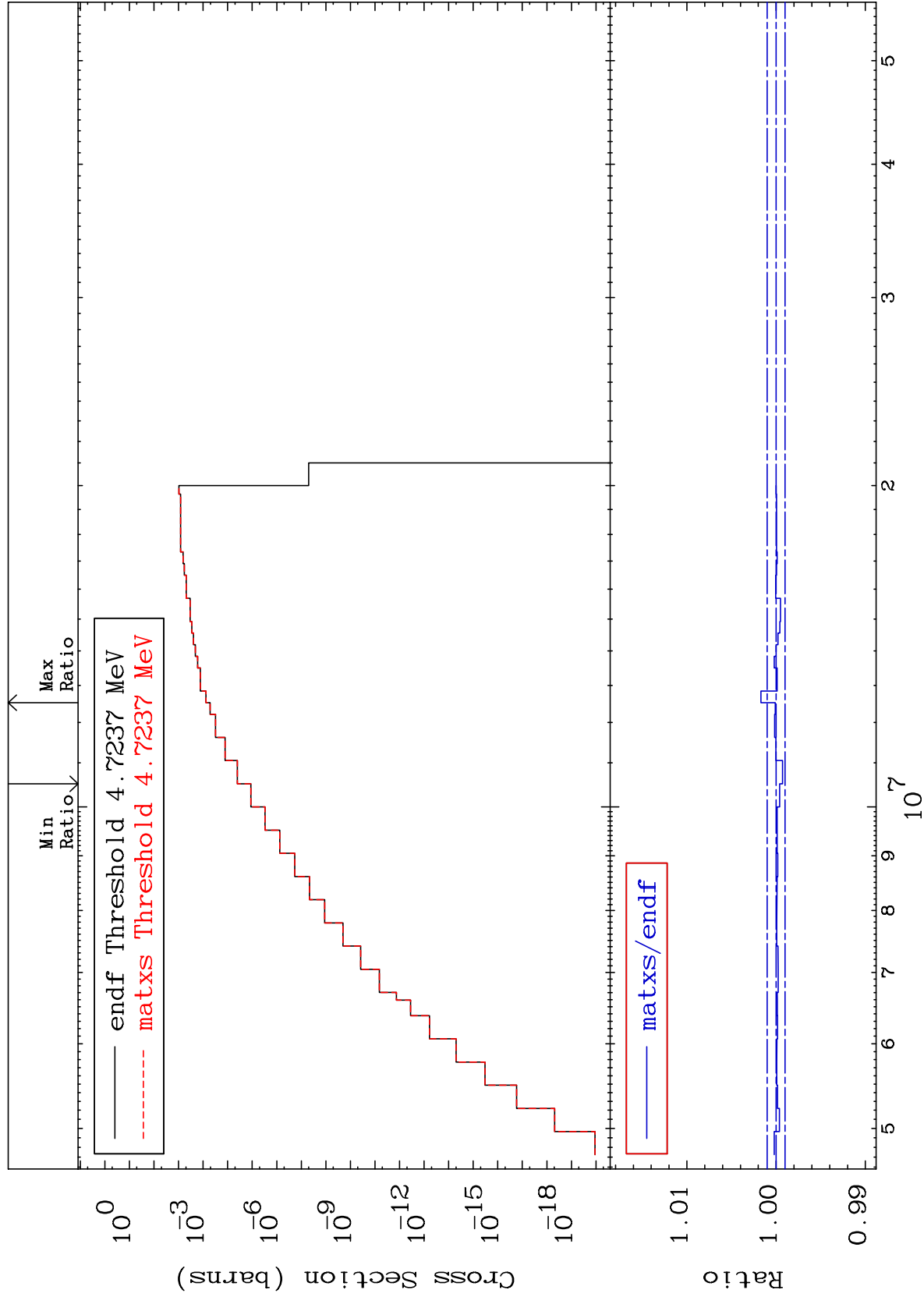
MAT 8325

(n, t)

83-Bi-209

Cross Section

-0.071 To 0.171 %



16

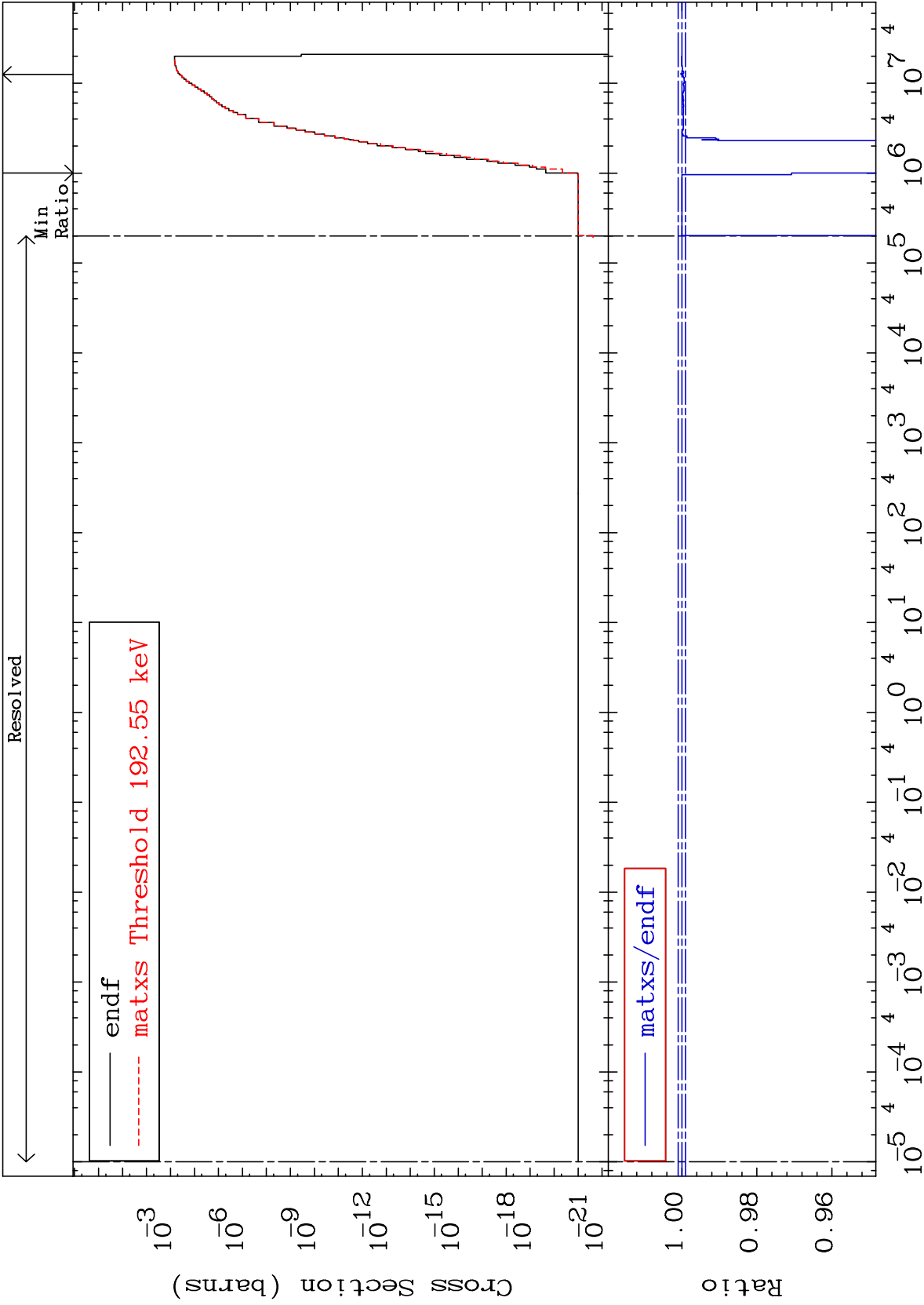
Incident Energy (eV)

83-Bi-209

MAT 8325

(n, p') Ground
Cross Section

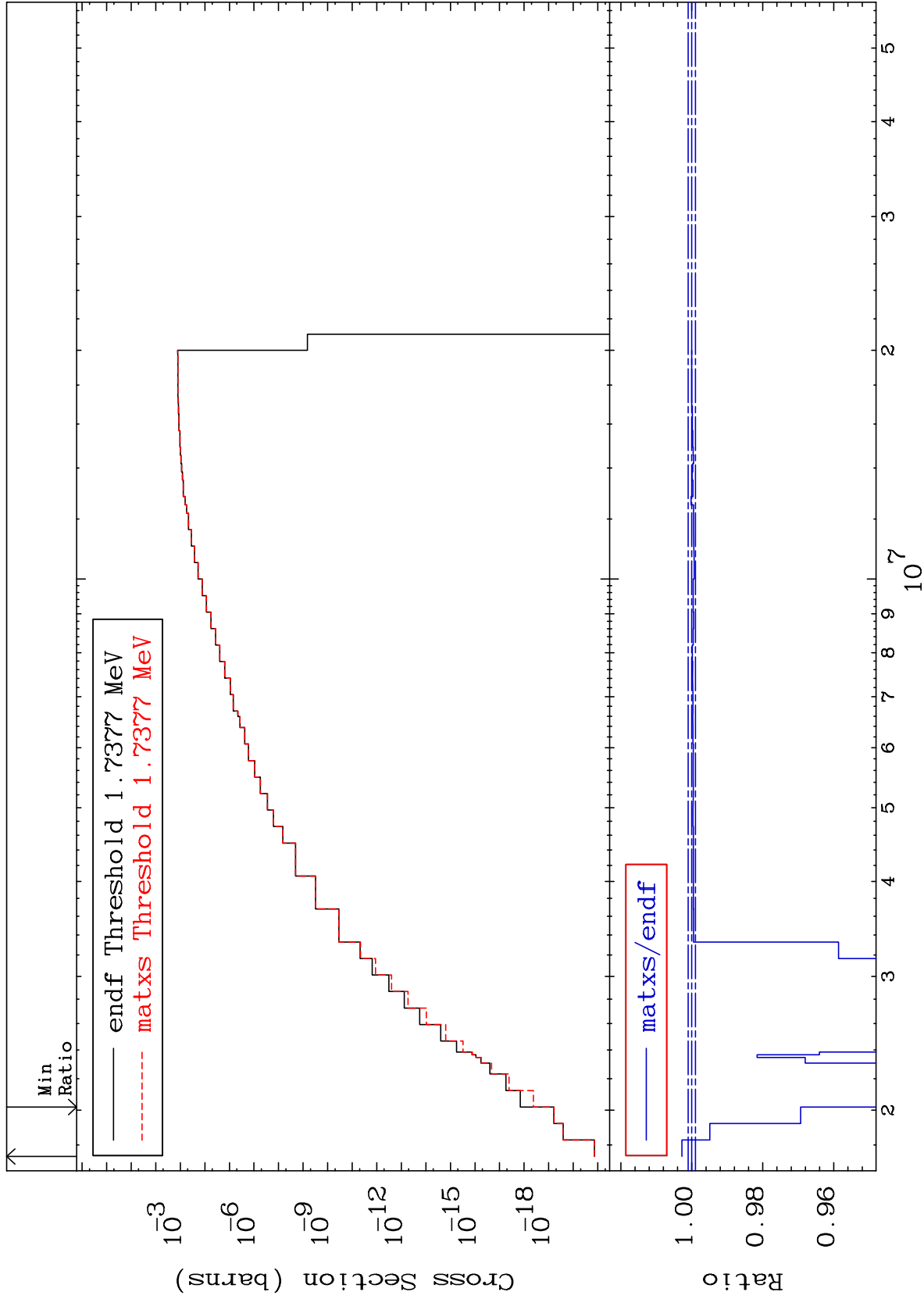
83-Bi-209
-80.24 To 0.024 %



MAT 8325

778.8 keV (n,p') Level
Cross Section

83-Bi-209
-70.56 To 0.277 %



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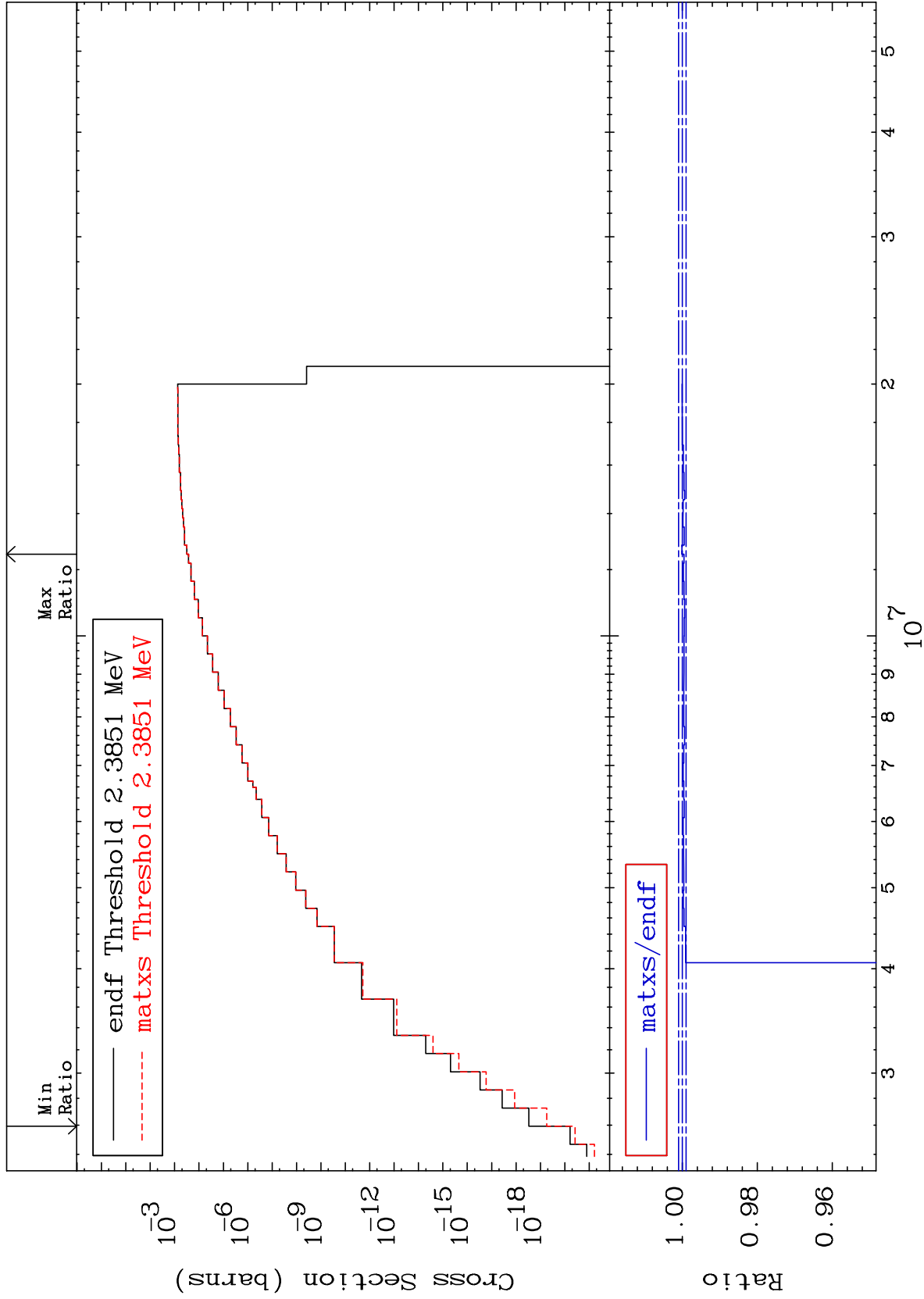
Incident Energy (eV)

83-Bi-209

MAT 8325

1.423 MeV (n,p') Level
Cross Section

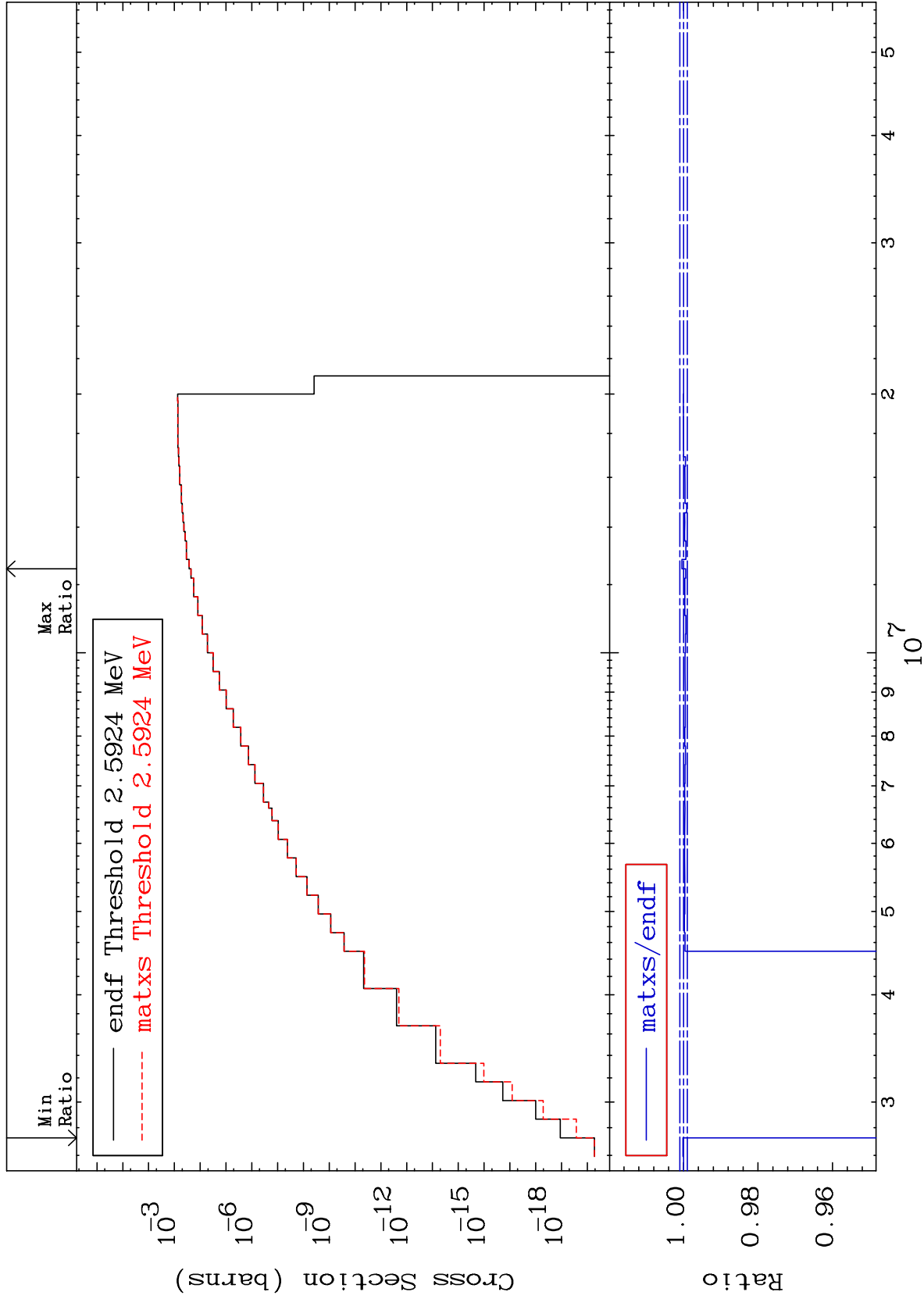
83-Bi-209
-81.29 To 0.009 %



MAT 8325

1.567 MeV (n,p') Level
Cross Section

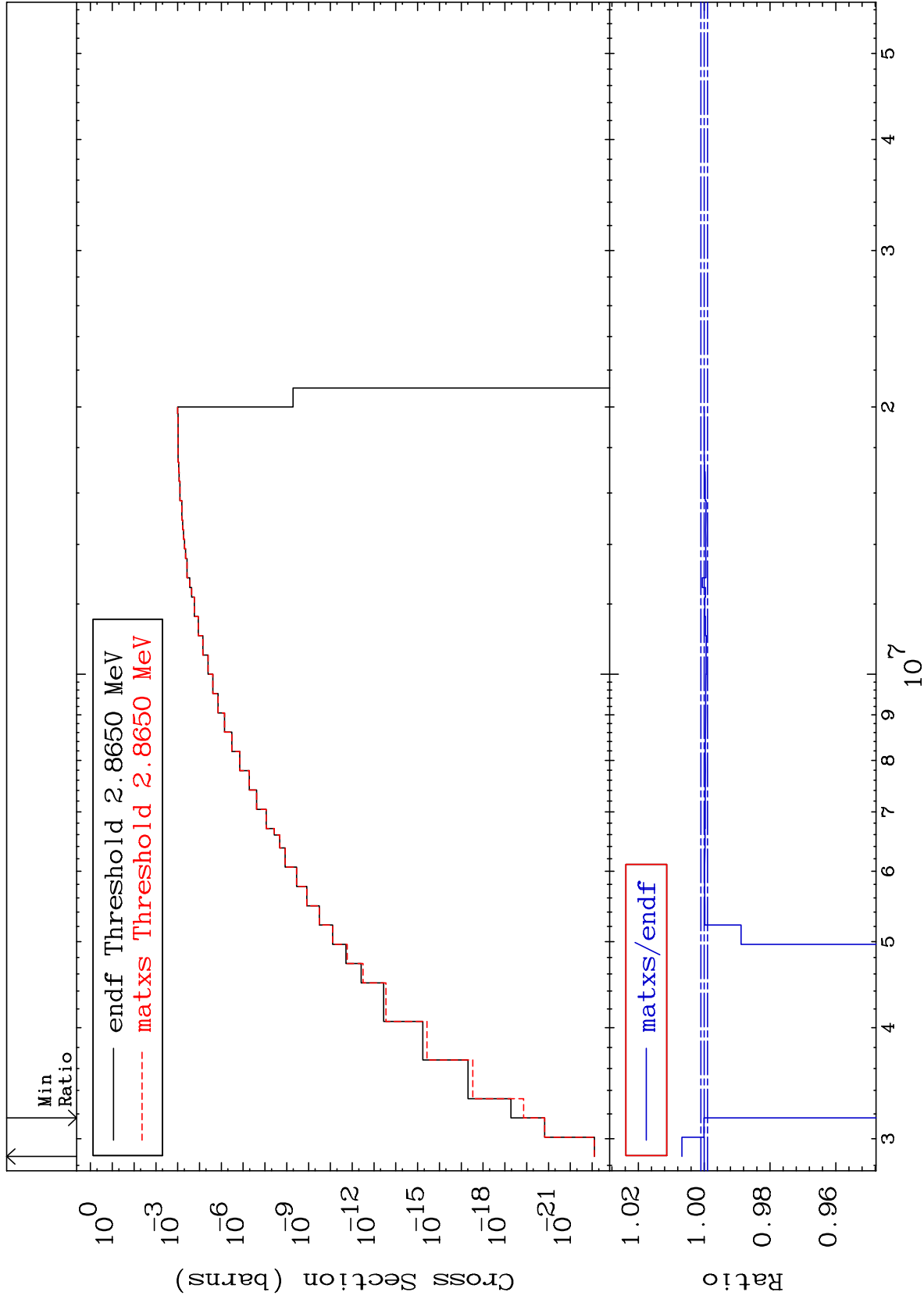
83-Bi-209
-76.35 To 0.042 %



MAT 8325

2.032 MeV (n,p') Level
Cross Section

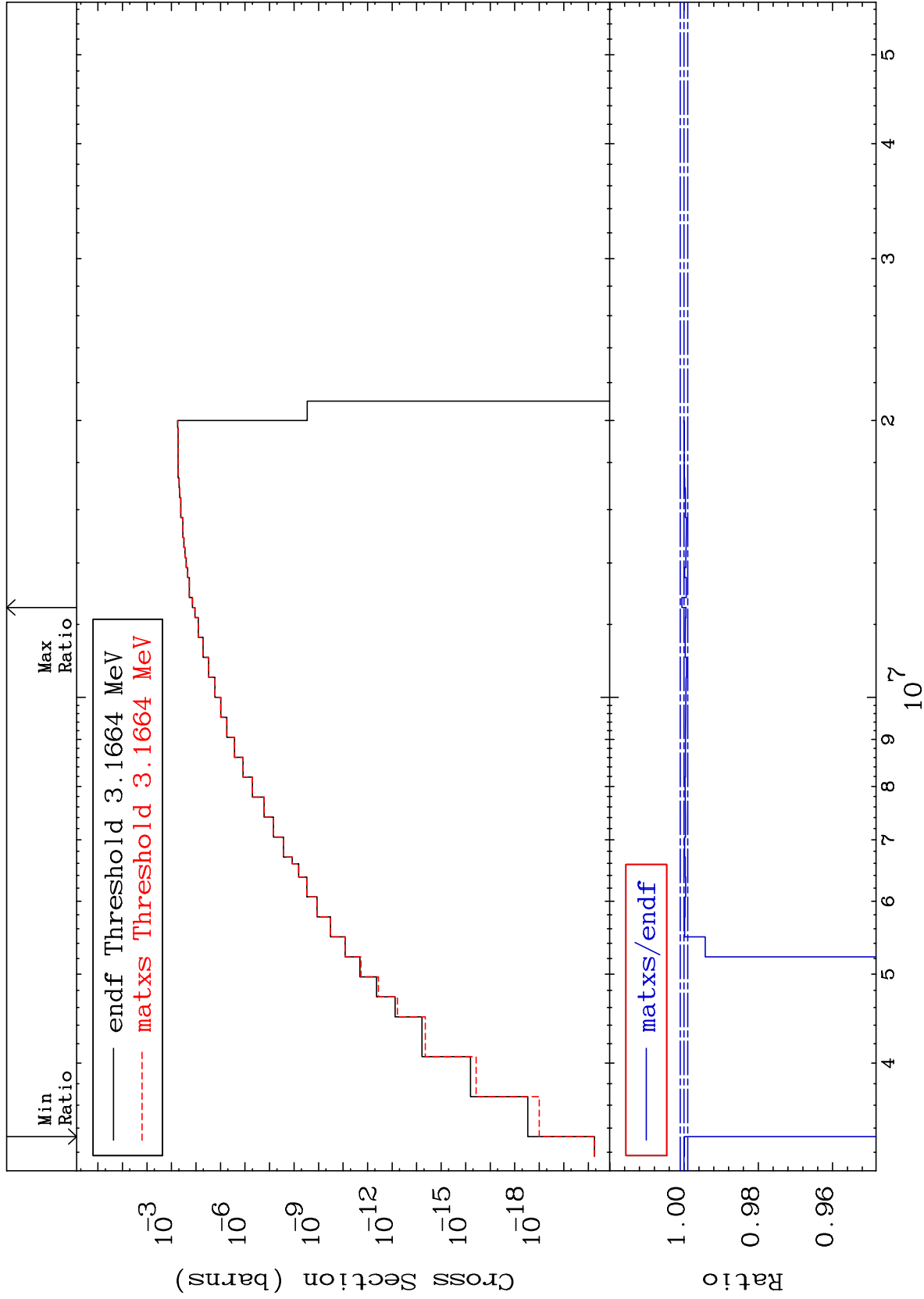
83-Bi-209
-73.84 To 0.675 %



MAT 8325

2.149 MeV (n,p') Level
Cross Section

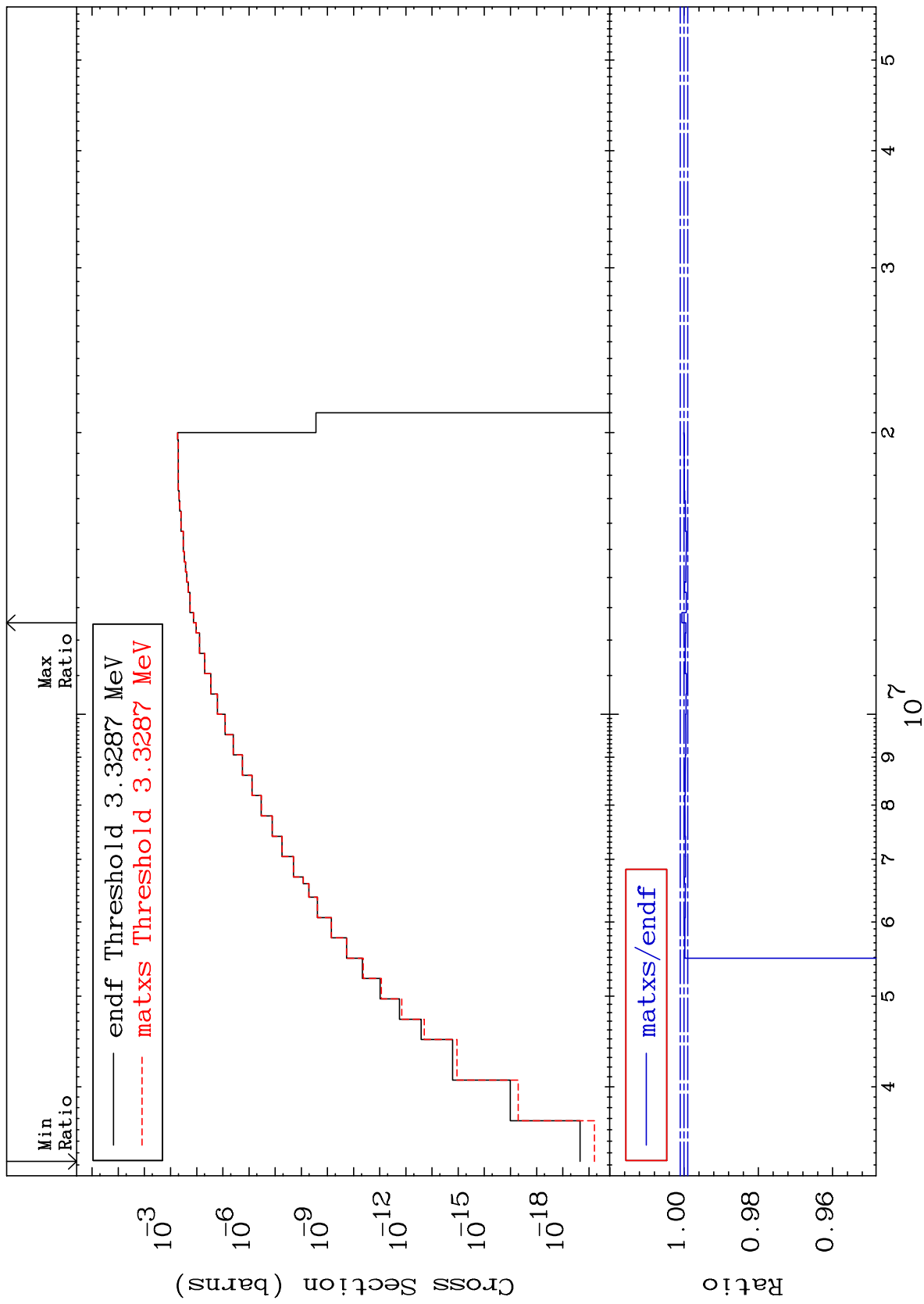
83-Bi-209
-65.87 To 0.056 %



MAT 8325

2.319 MeV (n,p') Level
Cross Section

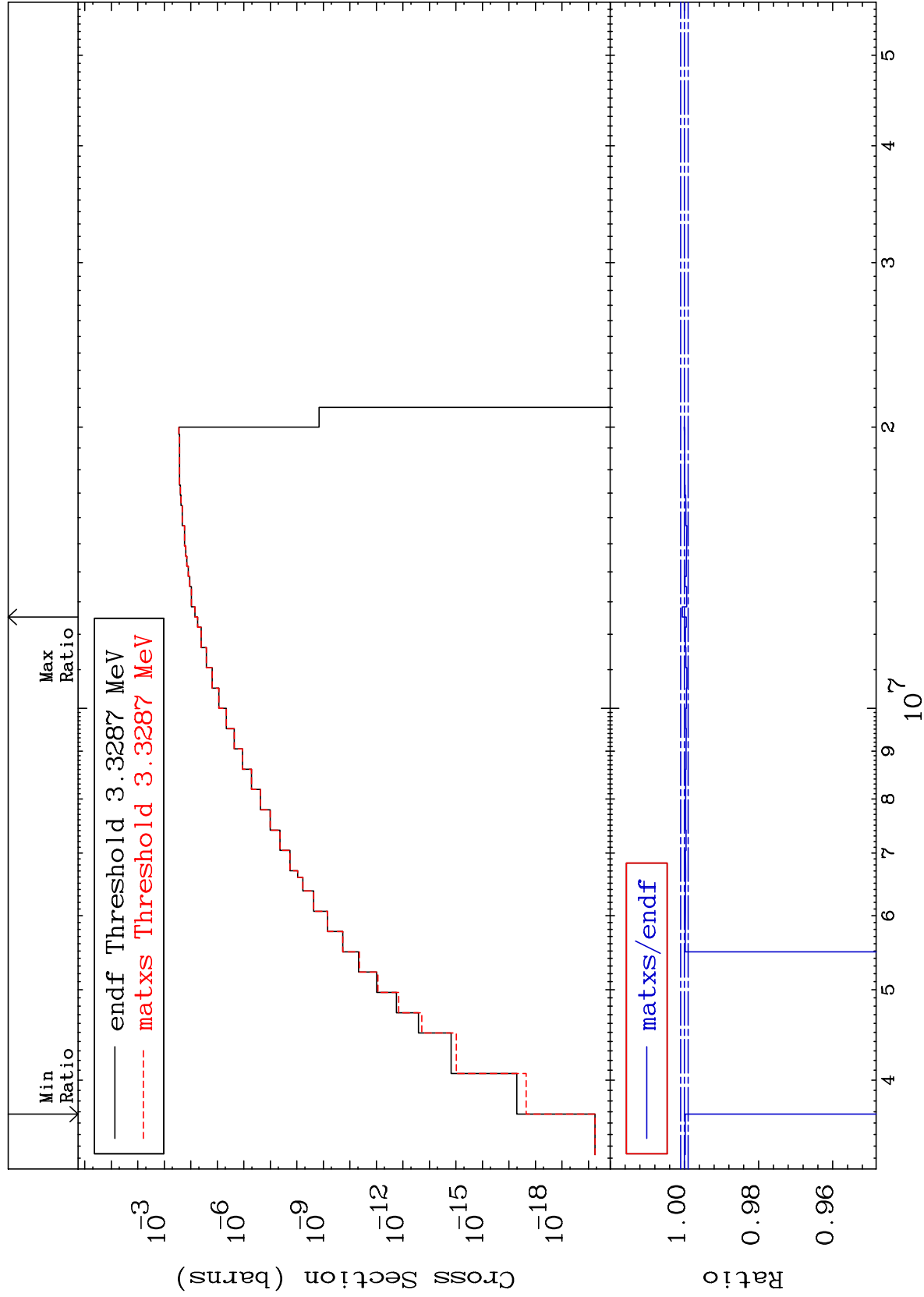
83-Bi-209
-71.59 To 0.056 %



MAT 8325

2.424 MeV (n,p') Level
Cross Section

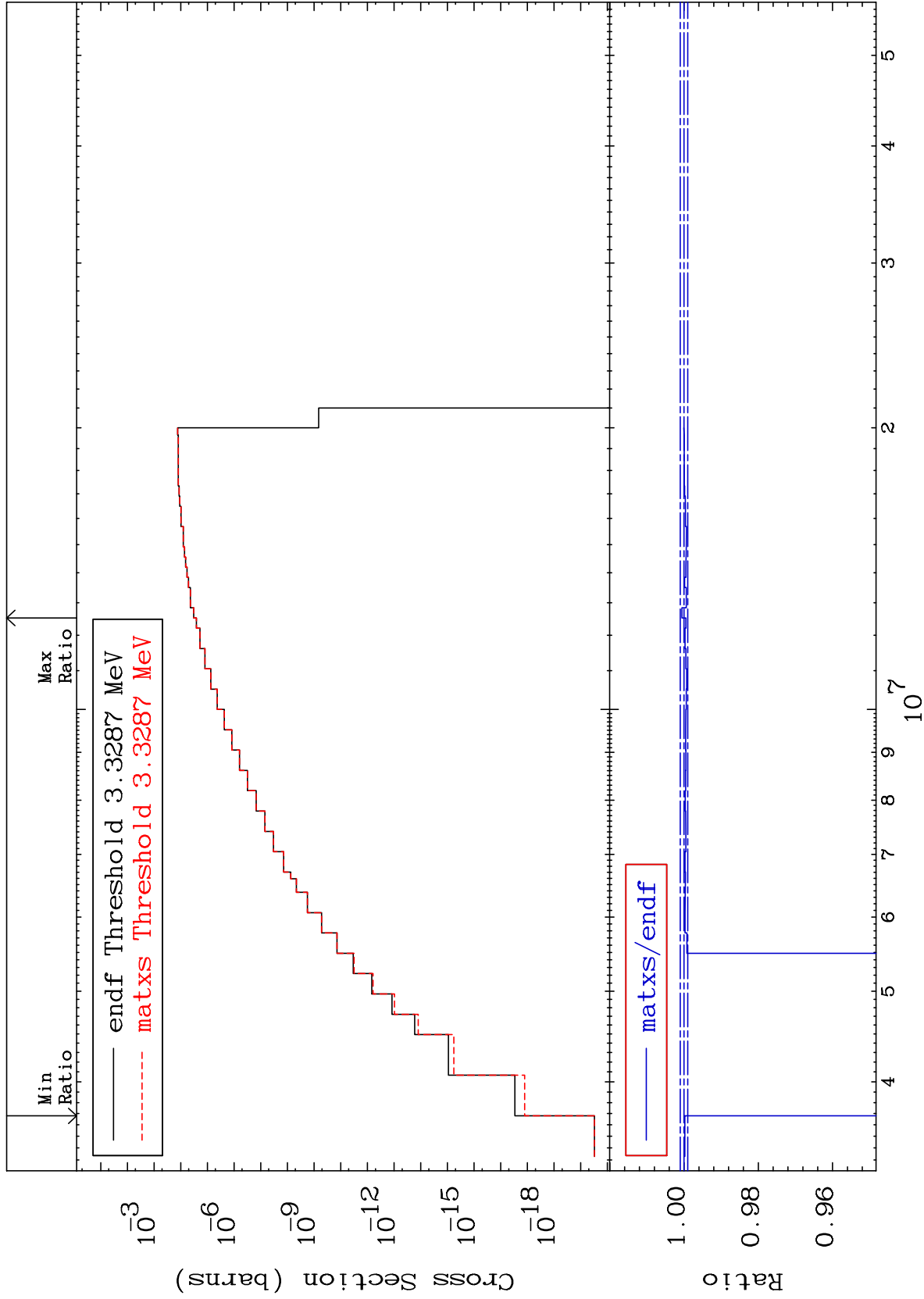
83-Bi-209
-55.33 To 0.056 %



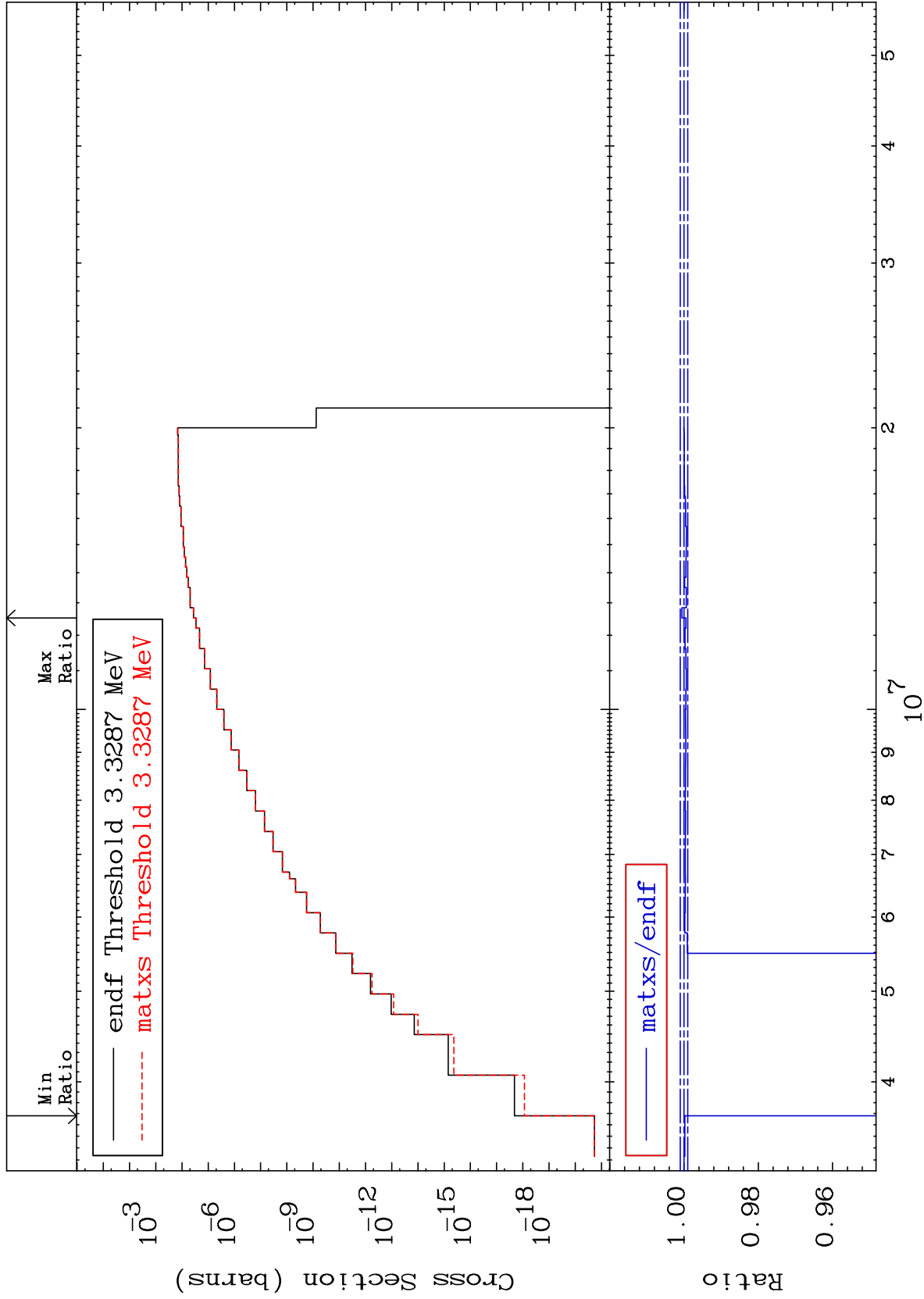
MAT 8325

2.463 MeV (n,p') Level
Cross Section

83-Bi-209
-56.55 To 0.056 %



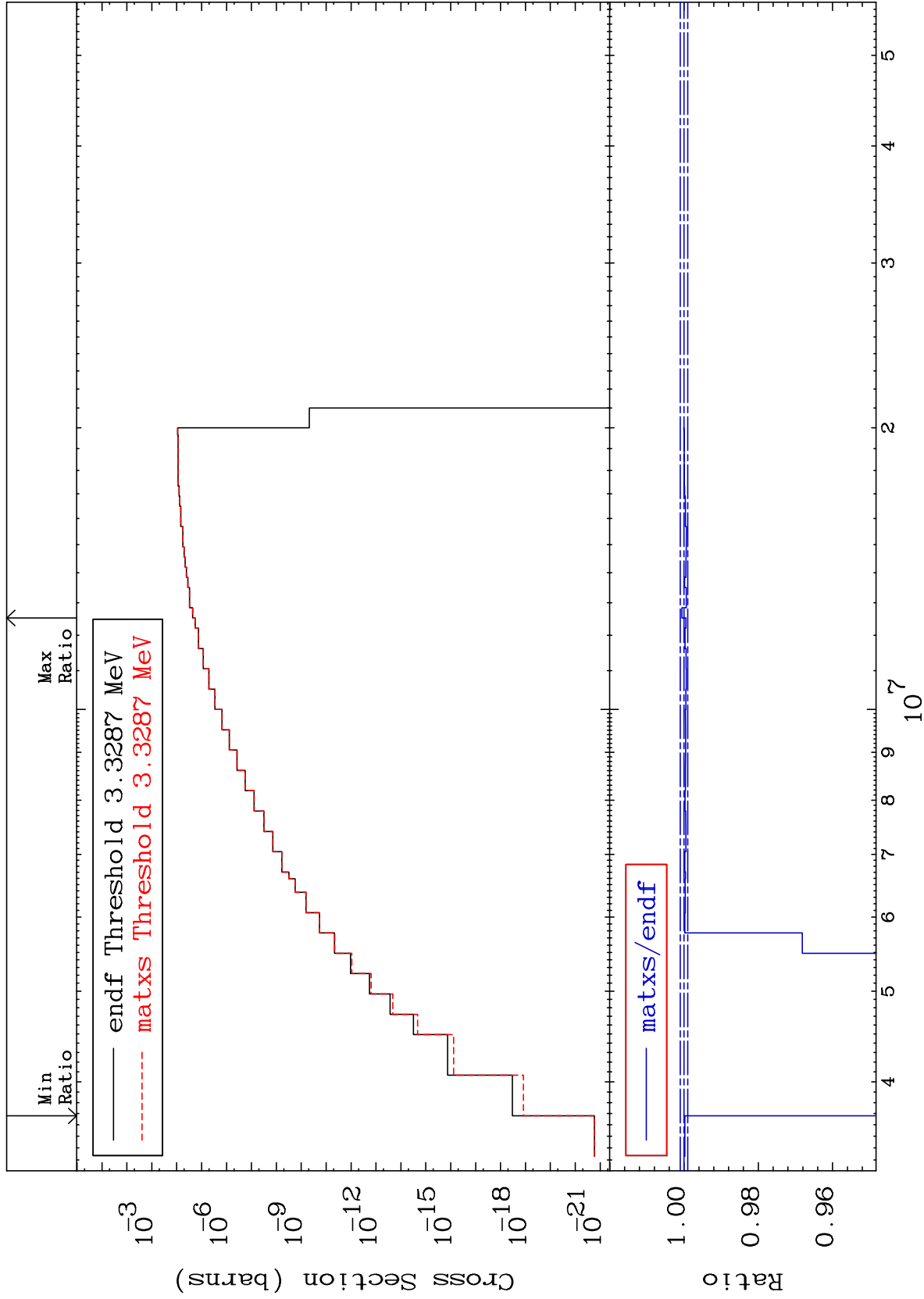
MAT 8325 2.491 MeV (n,p') Level 83-Bi-209
 Cross Section -58.78 To 0.056 %



MAT 8325

2.538 MeV (n,p') Level
Cross Section

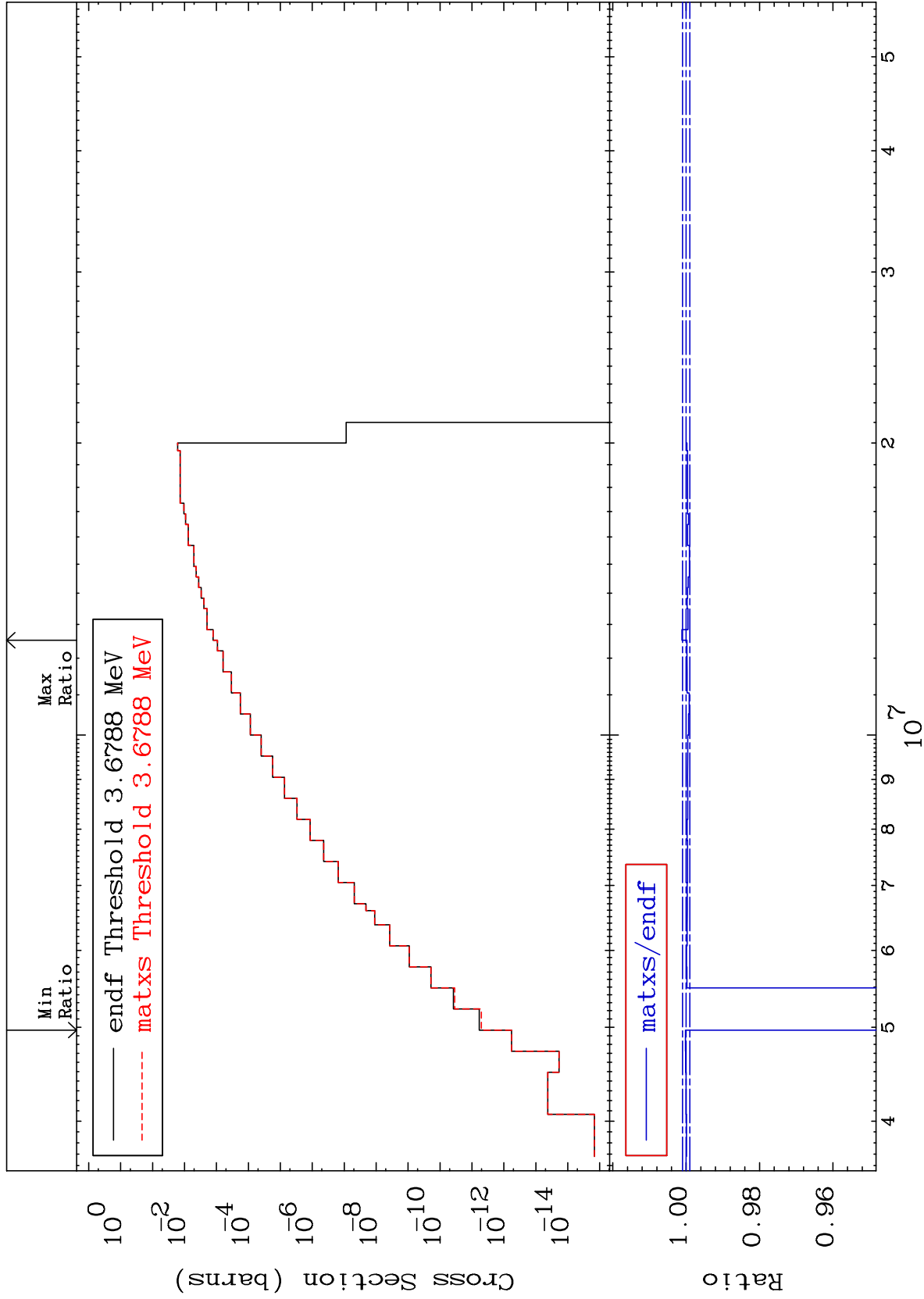
83-Bi-209
-64.11 To 0.056 %



MAT 8325

2.538 MeV (n,p') Level
Cross Section

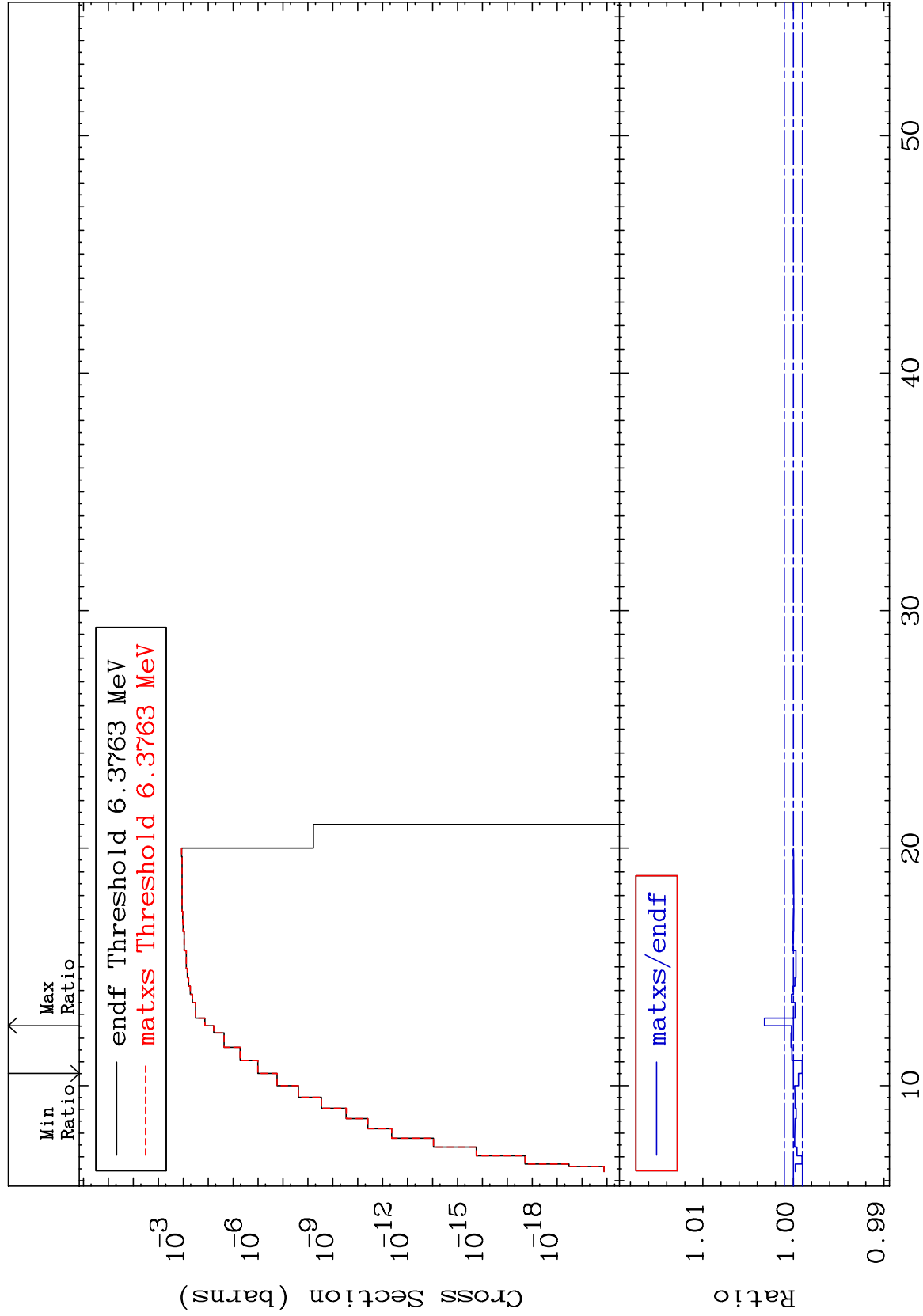
83-Bi-209
-14.38 To 0.115 %



MAT 8325

3.198 MeV (n,d') Level
Cross Section

83-Bi-209
-0.098 To 0.320 %



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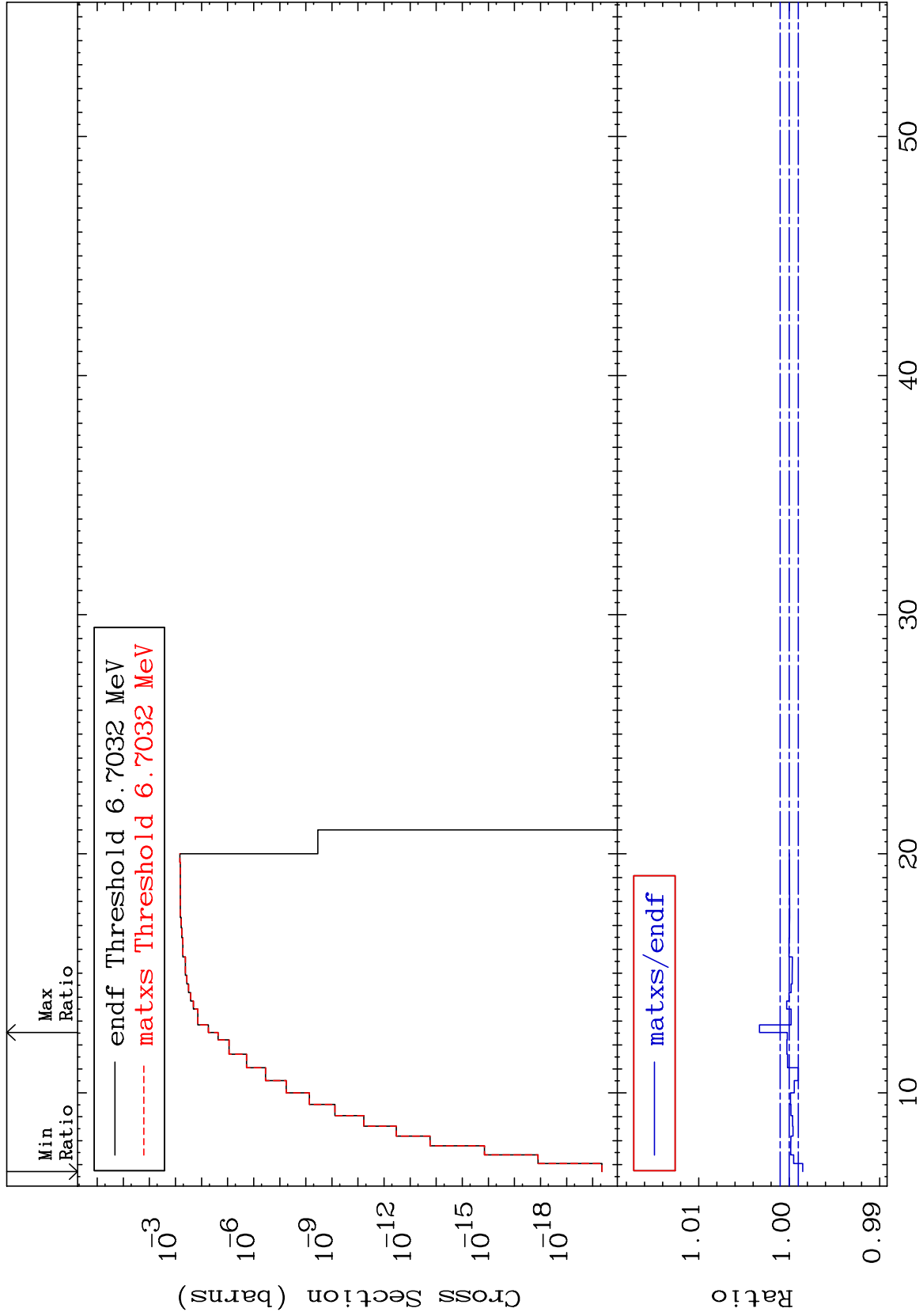
Incident Energy (MeV)

83-Bi-209

MAT 8325

3.475 MeV (n,d') Level
Cross Section

83-Bi-209
-0.150 To 0.330 %



30

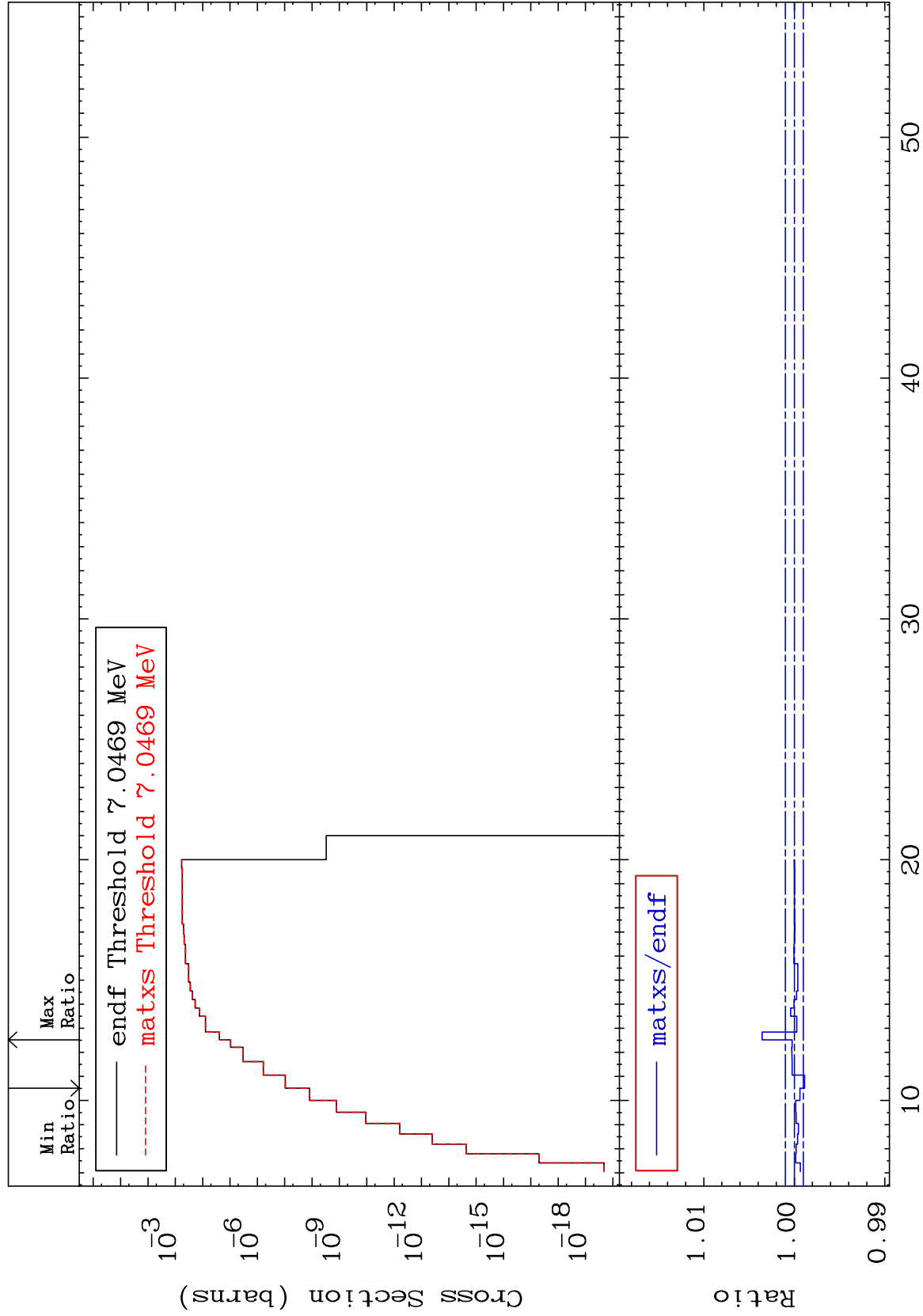
Incident Energy (MeV)

83-Bi-209

MAT 8325

3.708 MeV (n,d') Level
Cross Section

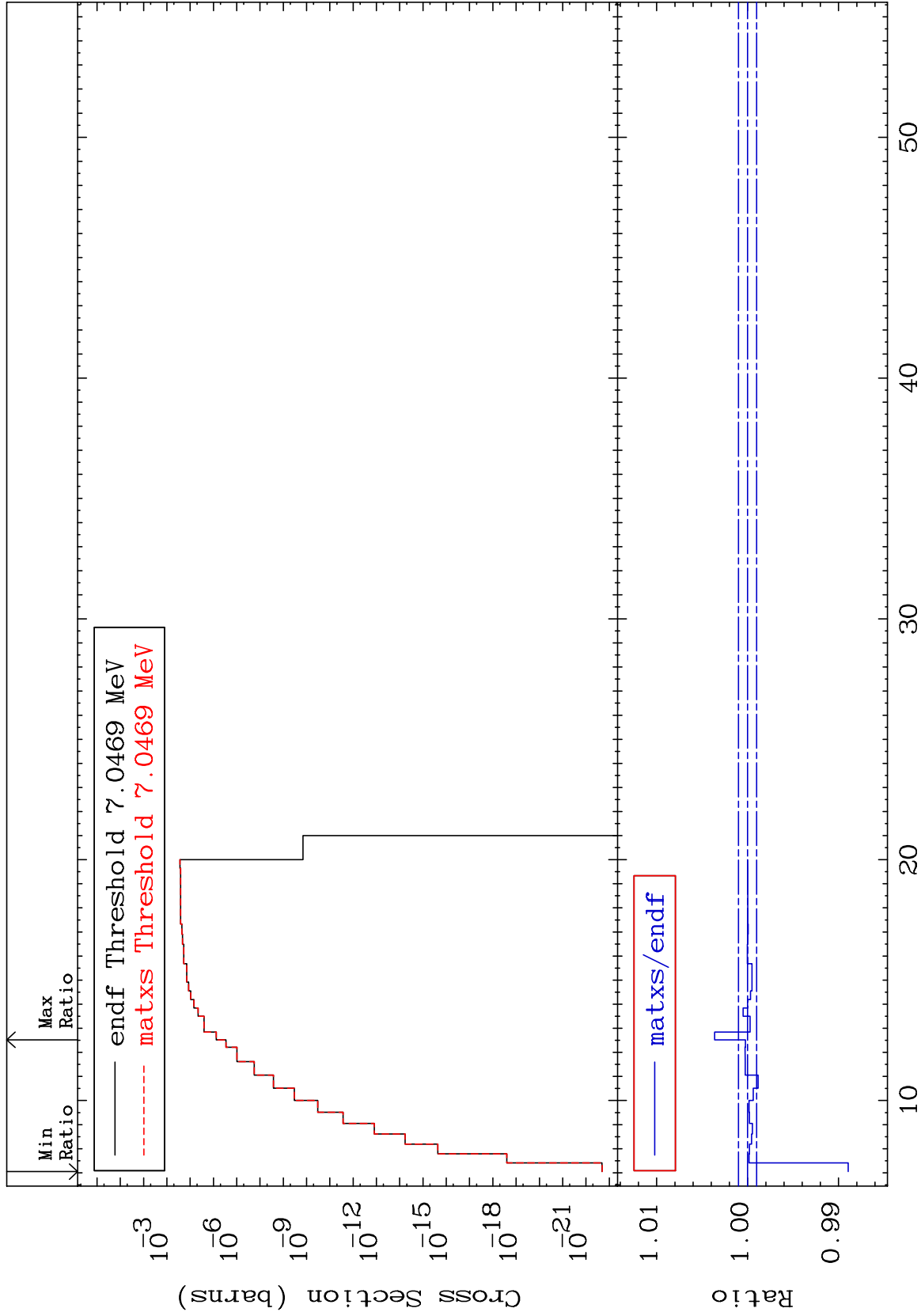
83-Bi-209
-0.113 To 0.355 %



MAT 8325

3.920 MeV (n,d') Level
Cross Section

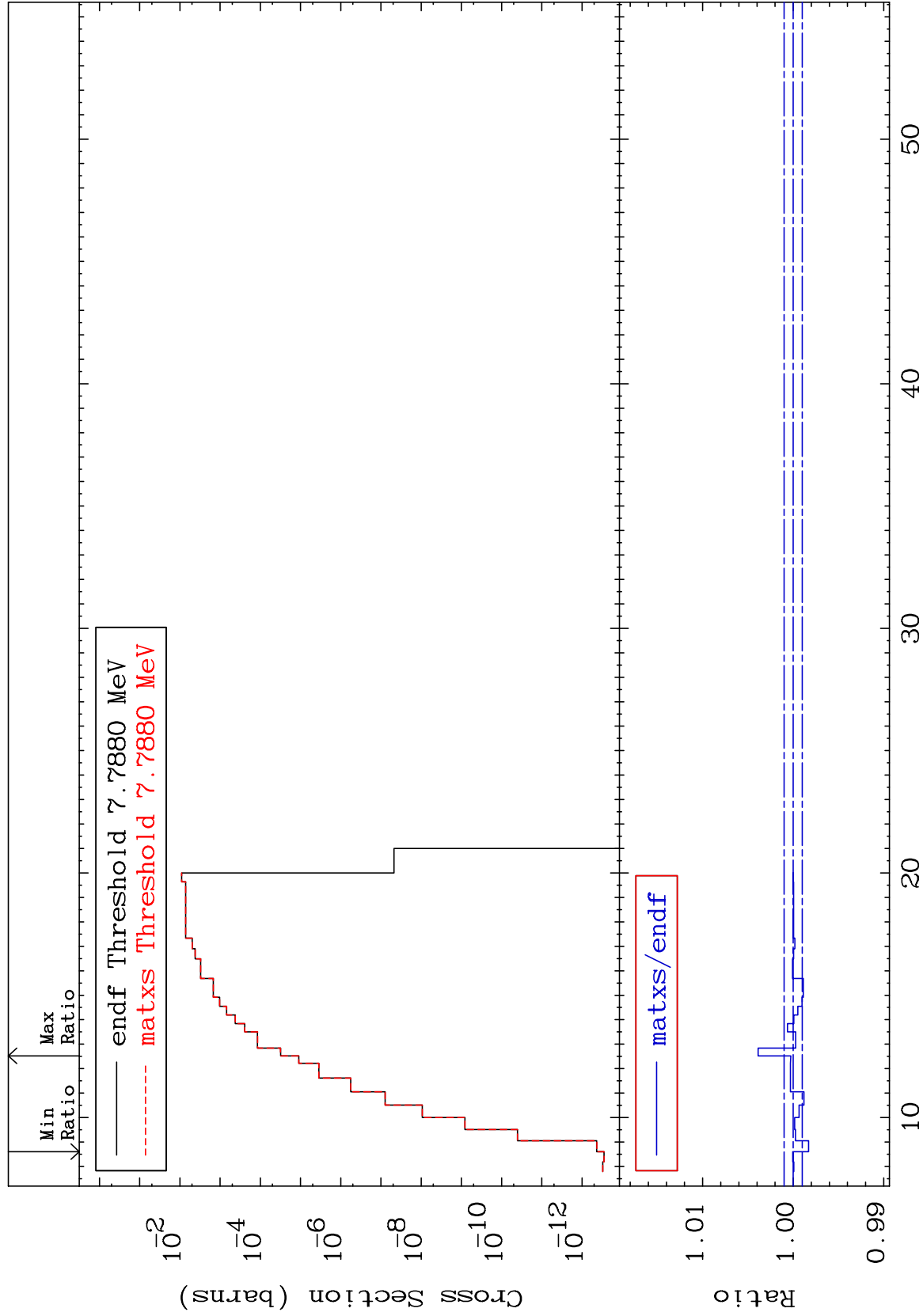
83-Bi-209
-1.107 To 0.363 %



MAT 8325

3.920 MeV (n,d') Level
Cross Section

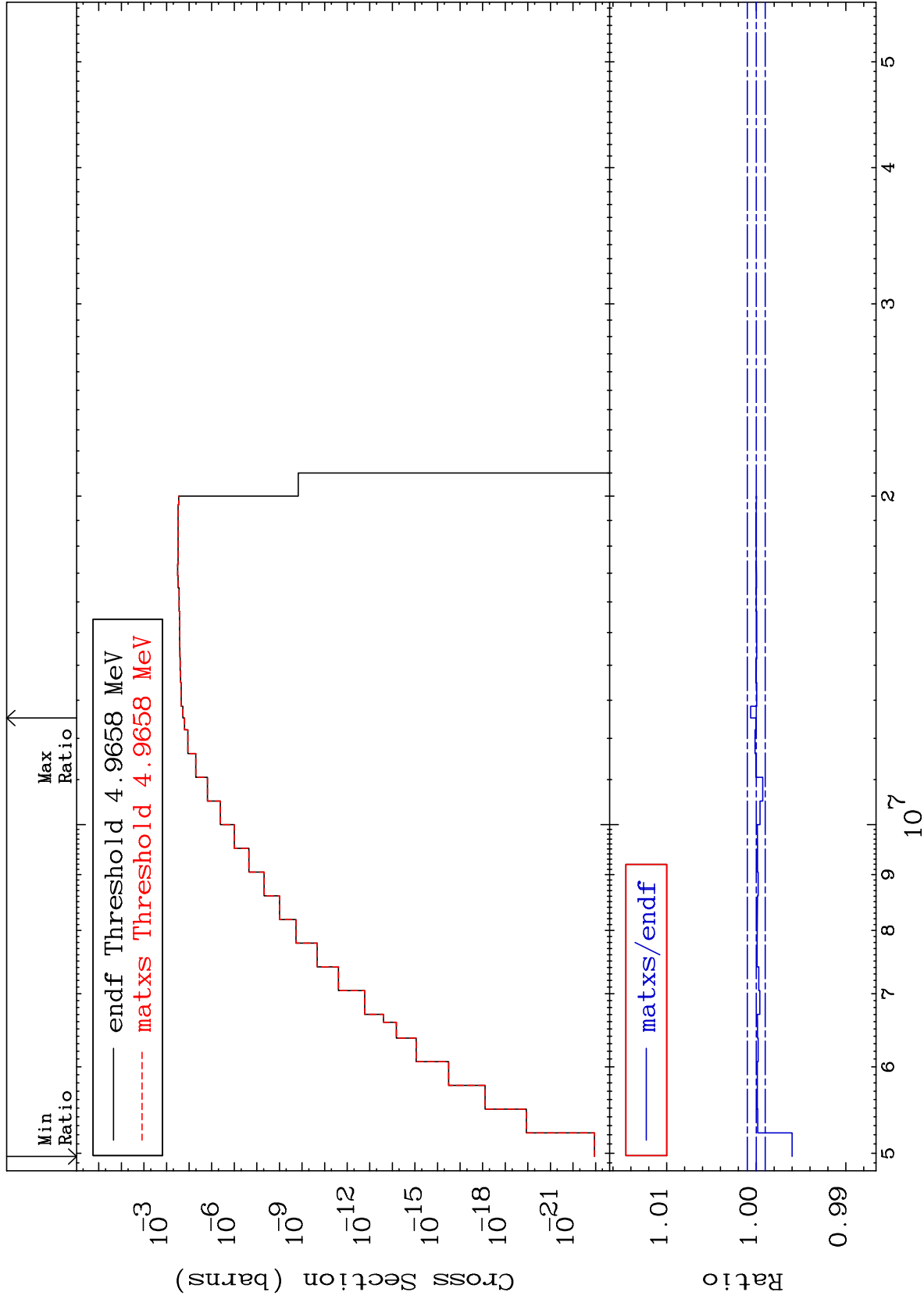
83-Bi-209
-0.170 To 0.386 %



MAT 8325

569.7 keV (n,t') Level
Cross Section

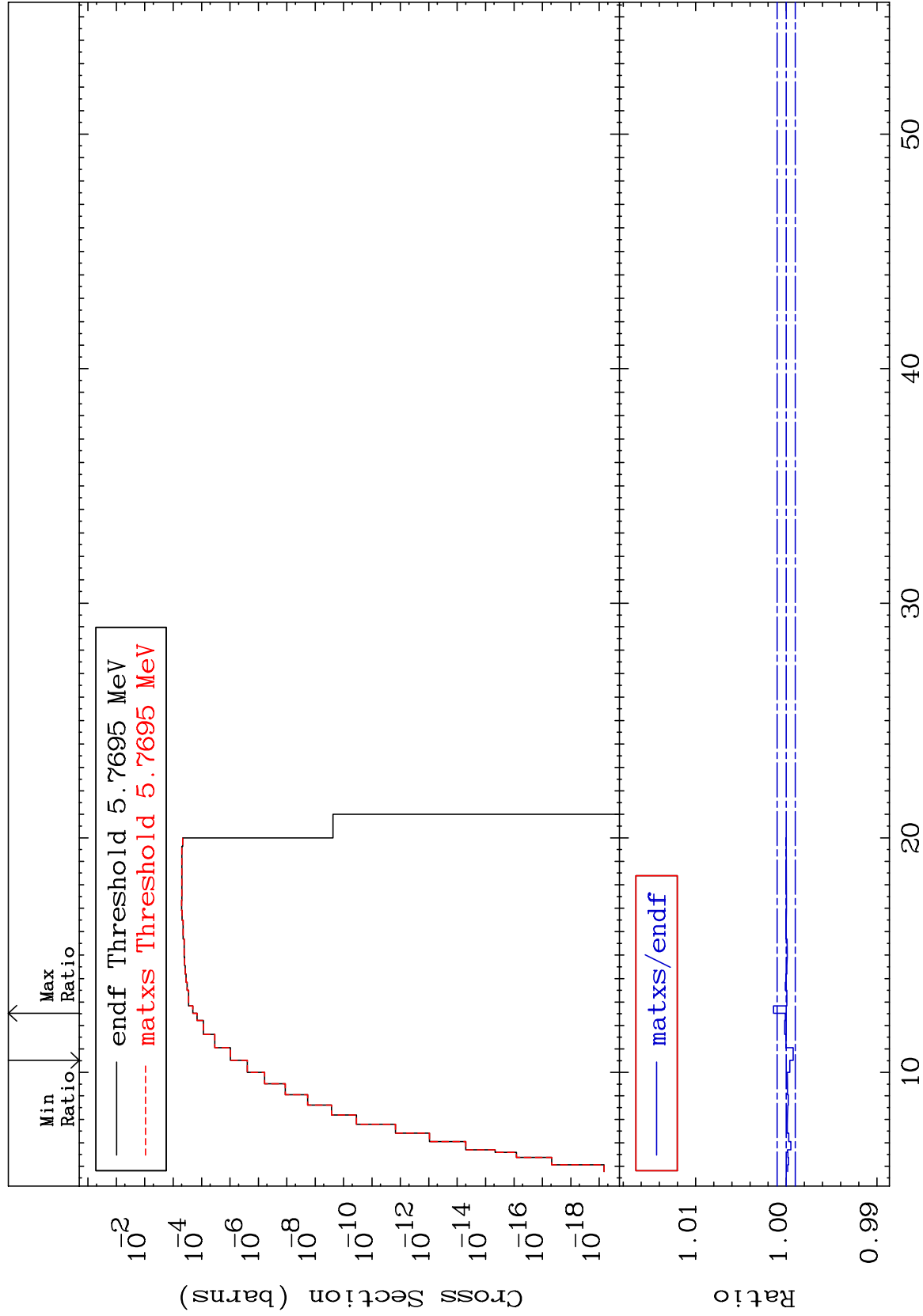
83-Bi-209
-0.400 To 0.064 %



MAT 8325

897.8 keV (n,t') Level
Cross Section

83-Bi-209
-0.076 To 0.140 %



35

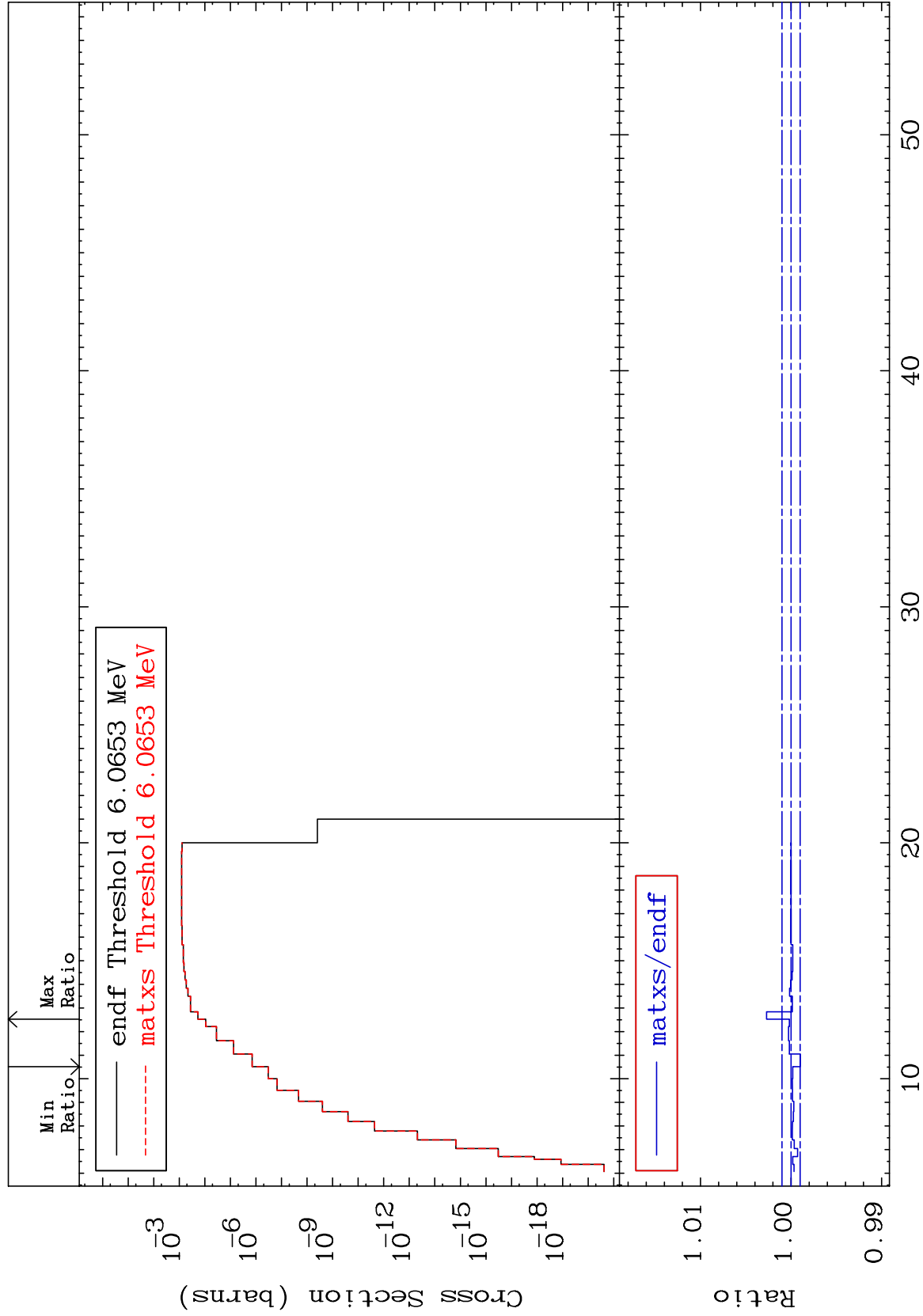
Incident Energy (MeV)

83-Bi-209

MAT 8325

1.633 MeV (n,t') Level
Cross Section

83-Bi-209
-0.101 To 0.272 %



36

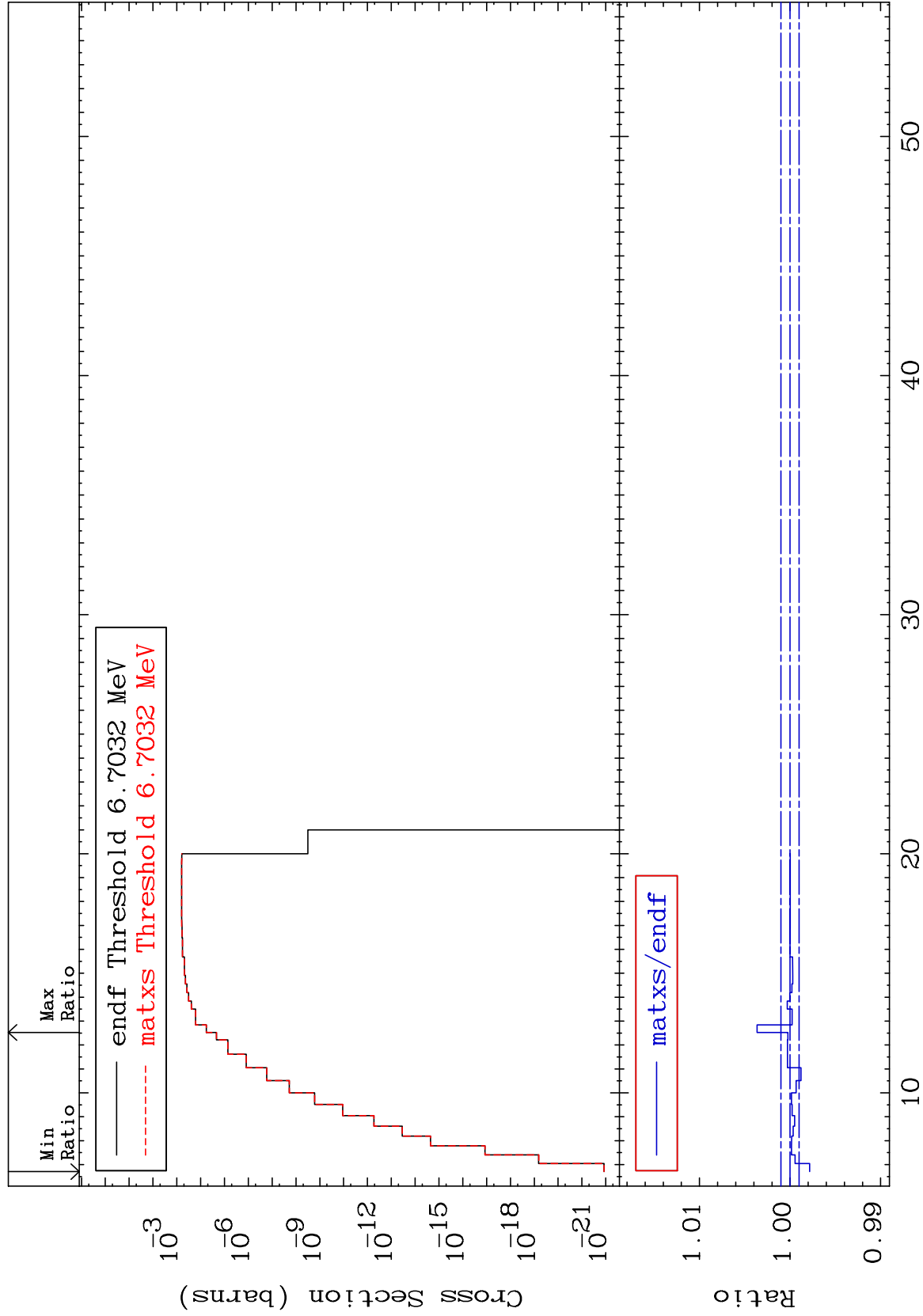
Incident Energy (MeV)

83-Bi-209

MAT 8325

2.340 MeV (n,t') Level
Cross Section

83-Bi-209
-0.215 To 0.364 %



37

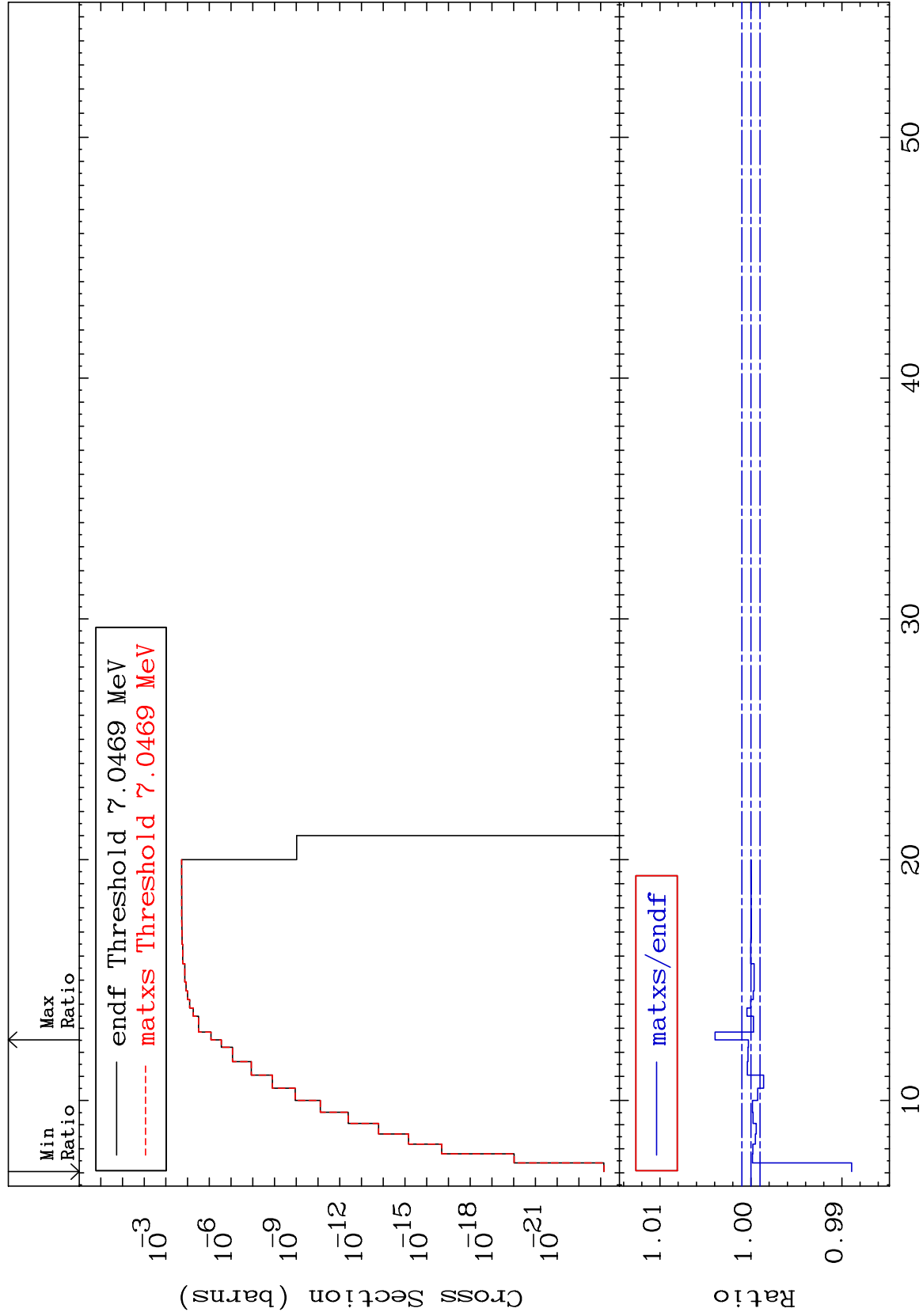
Incident Energy (MeV)

83-Bi-209

MAT 8325

2.624 MeV (n,t') Level
Cross Section

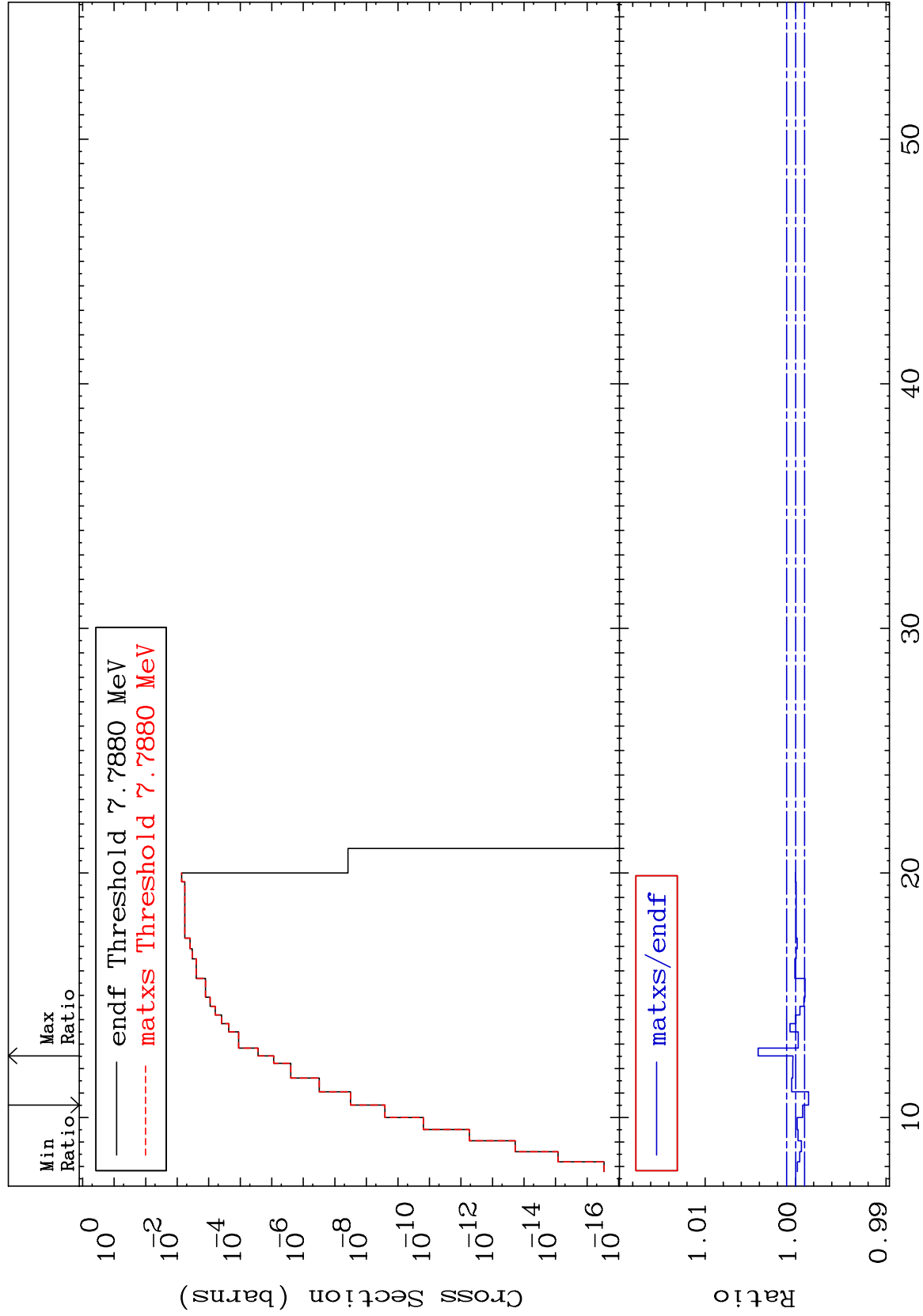
83-Bi-209
-1.107 To 0.394 %



MAT 8325

2.624 MeV (n,t') Level
Cross Section

83-Bi-209
-0.143 To 0.414 %



39

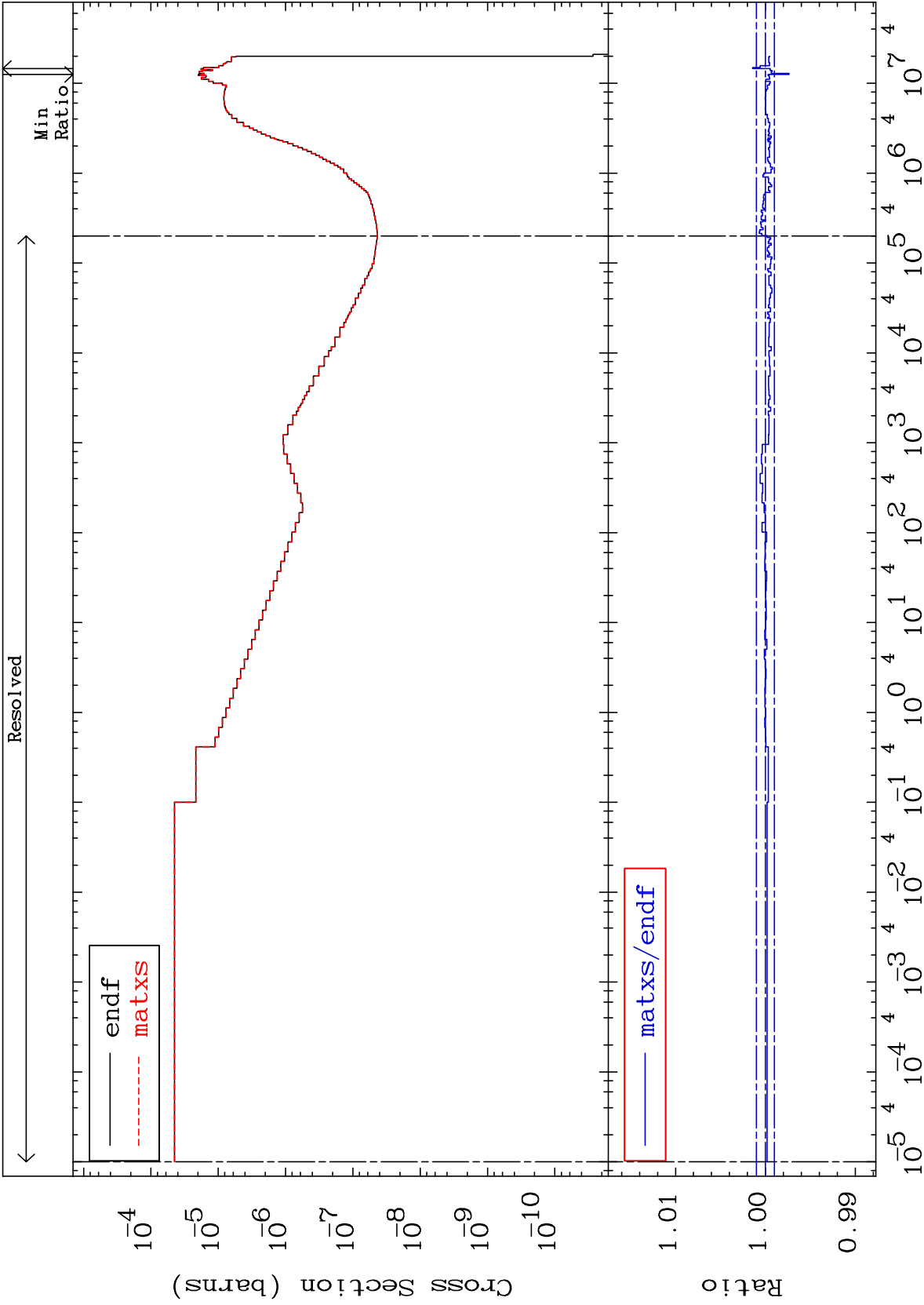
Incident Energy (MeV)

83-Bi-209

MAT 8325

265.8 keV (n,α') Level
Cross Section

83-Bi-209
-0.262 To 0.143 %



40

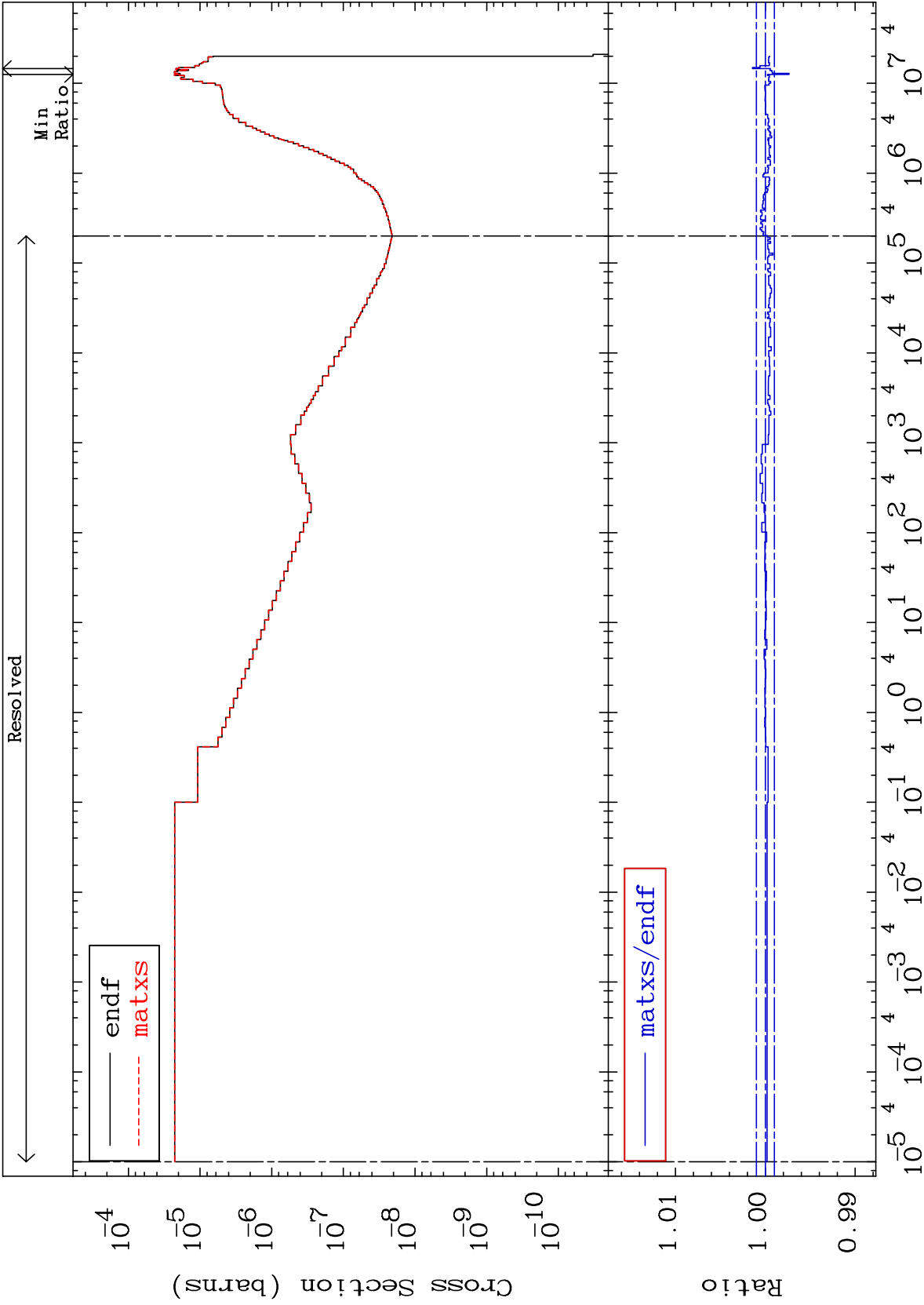
Incident Energy (eV)

83-Bi-209

MAT 8325

304.9 keV (n, α') Level
Cross Section

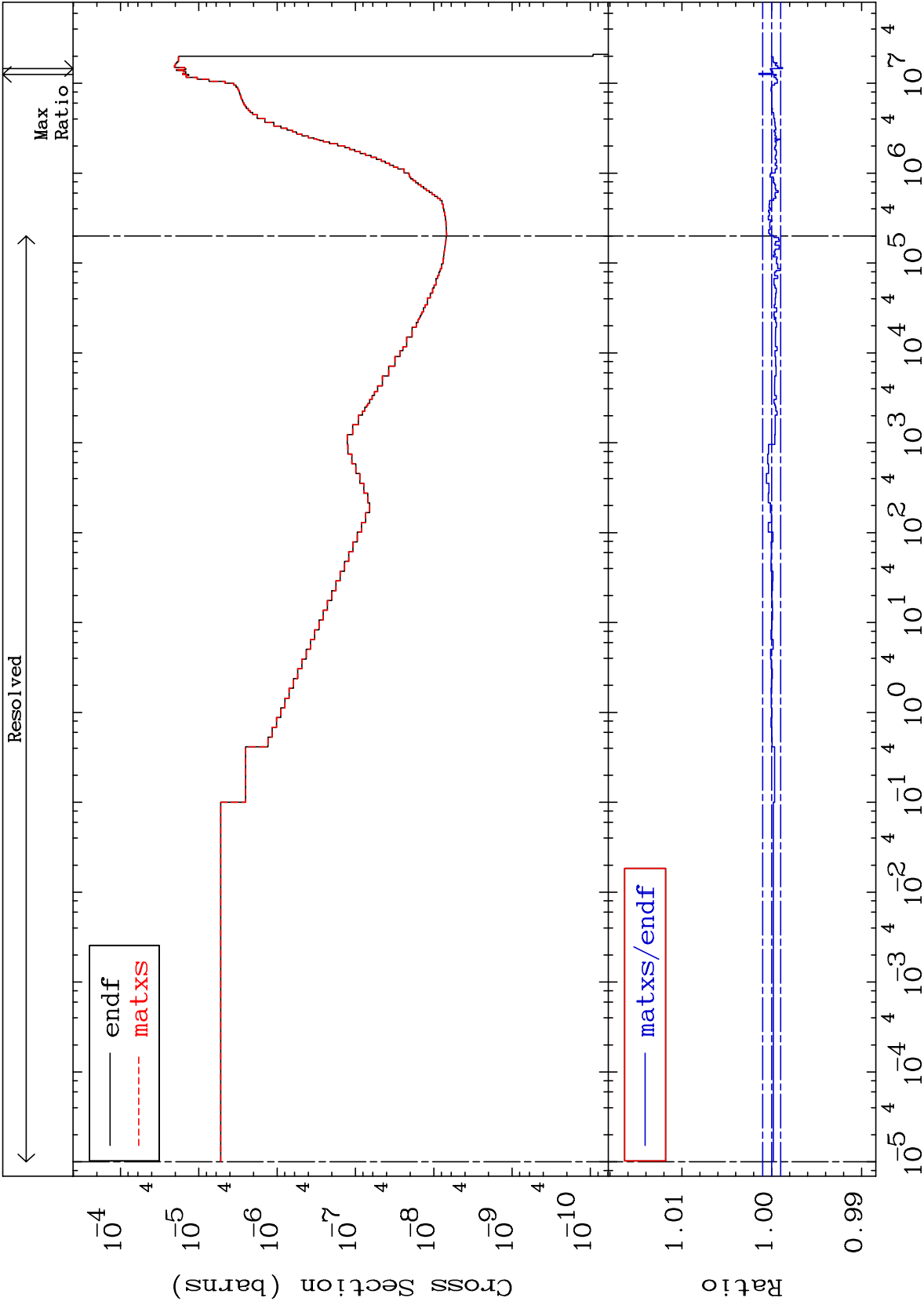
83-Bi-209
-0.264 To 0.144 %



MAT 8325

649.4 keV (n, α') Level
Cross Section

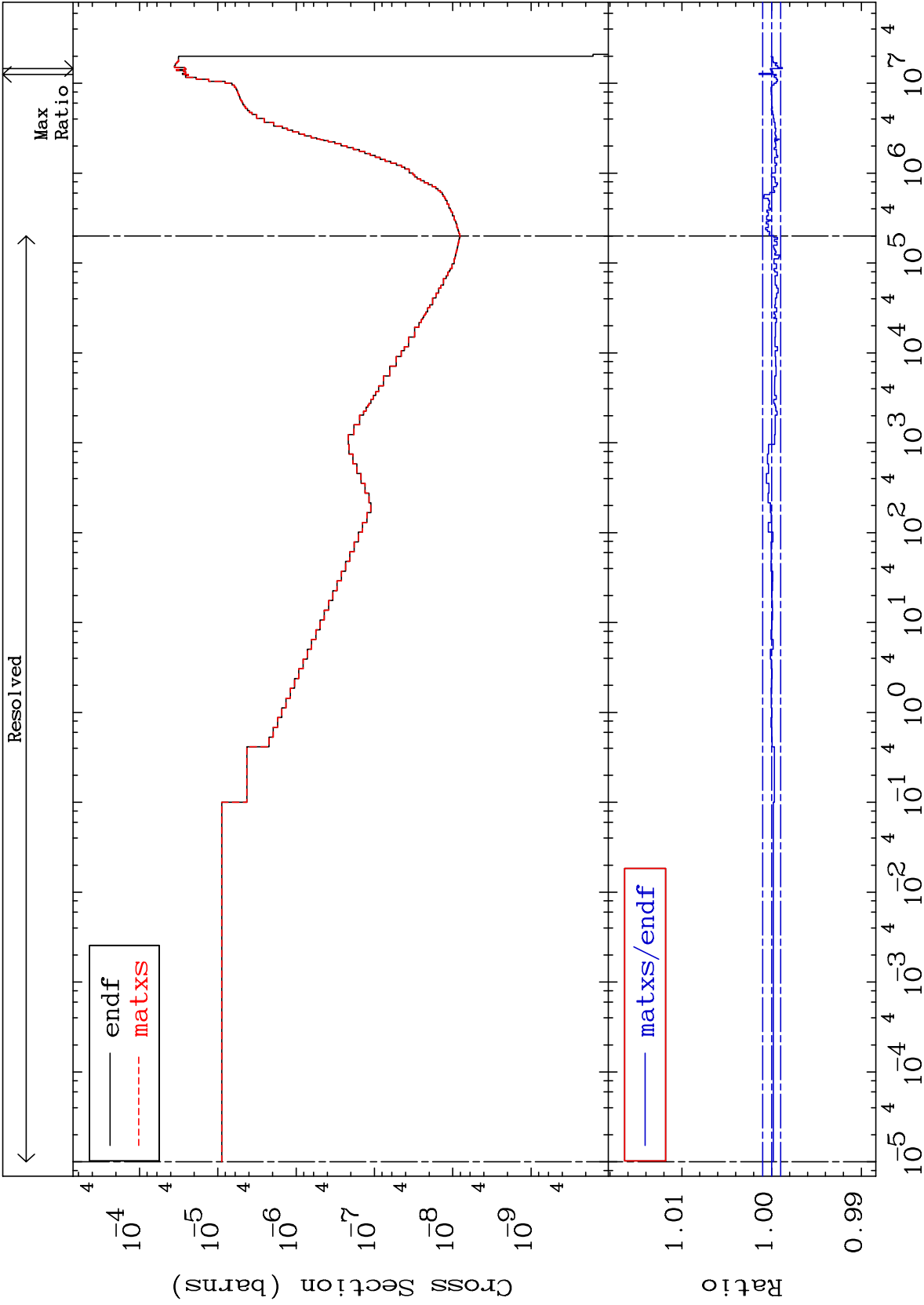
83-Bi-209
-0.121 To 0.142 %



MAT 8325

801.4 keV (n, α') Level
Cross Section

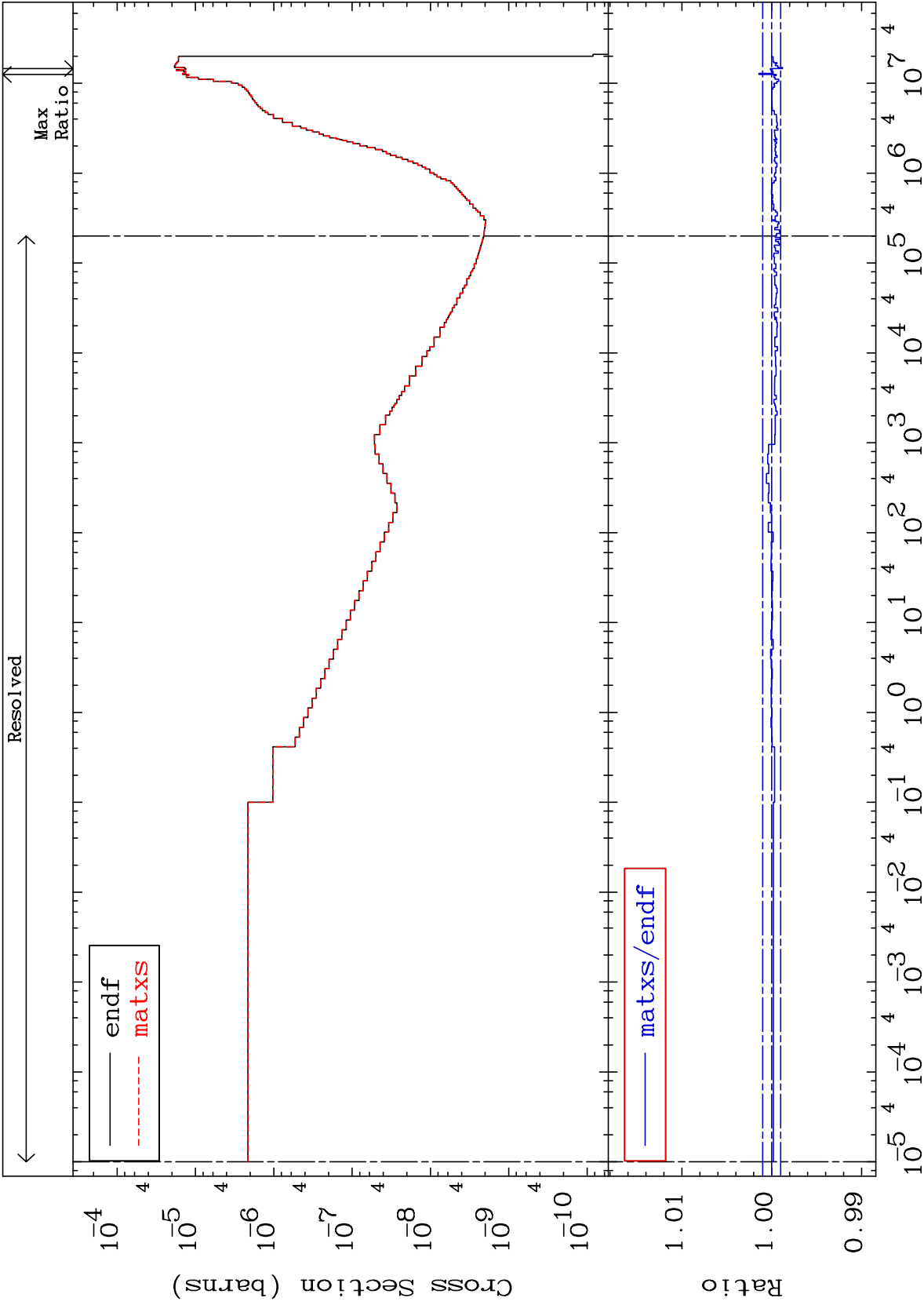
83-Bi-209
-0.120 To 0.140 %



MAT 8325

939.9 keV (n, α') Level
Cross Section

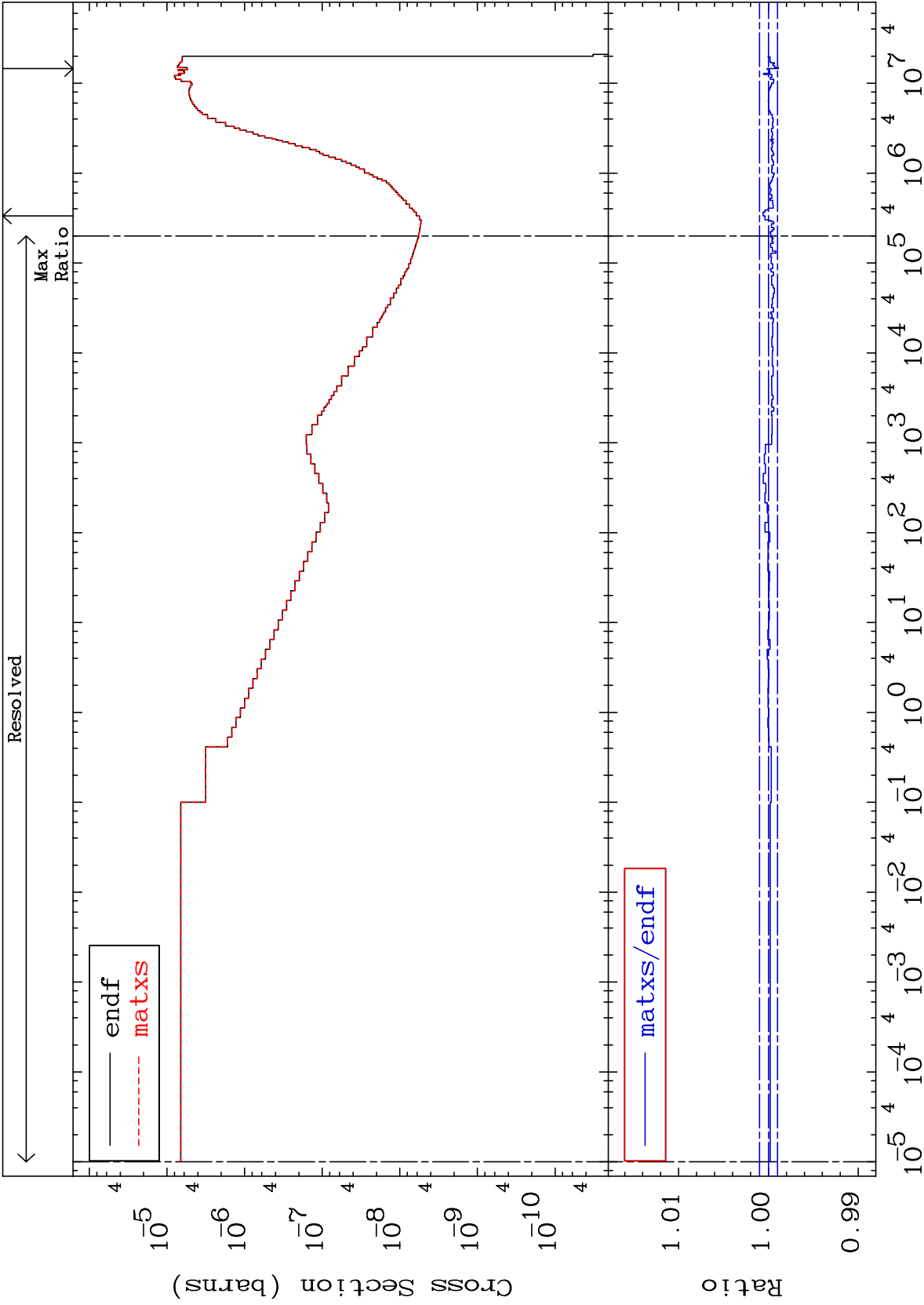
83-Bi-209
-0.120 To 0.142 %



MAT 8325

952.2 keV (n, α') Level
Cross Section

83-Bi-209
-0.111 To 0.060 %



MAT 8325

998.2 keV (n, α') Level
Cross Section

83-Bi-209
-0.119 To 0.134 %

