

Program Complot
(Version 2015-2)

by

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(Present Contact Information)

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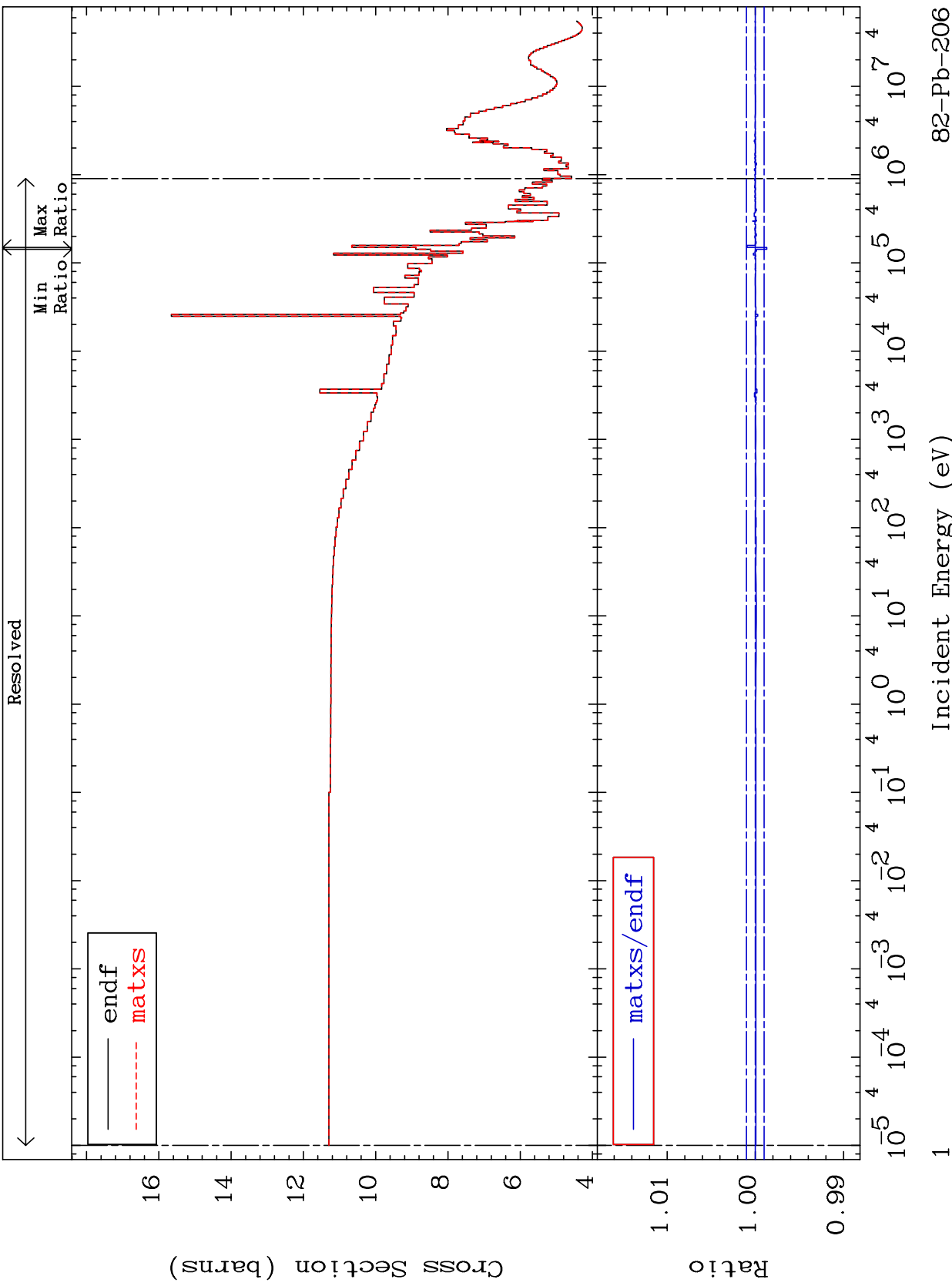
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8231

Total
Cross Section

82-Pb-206
-0.129 To 0.095 %



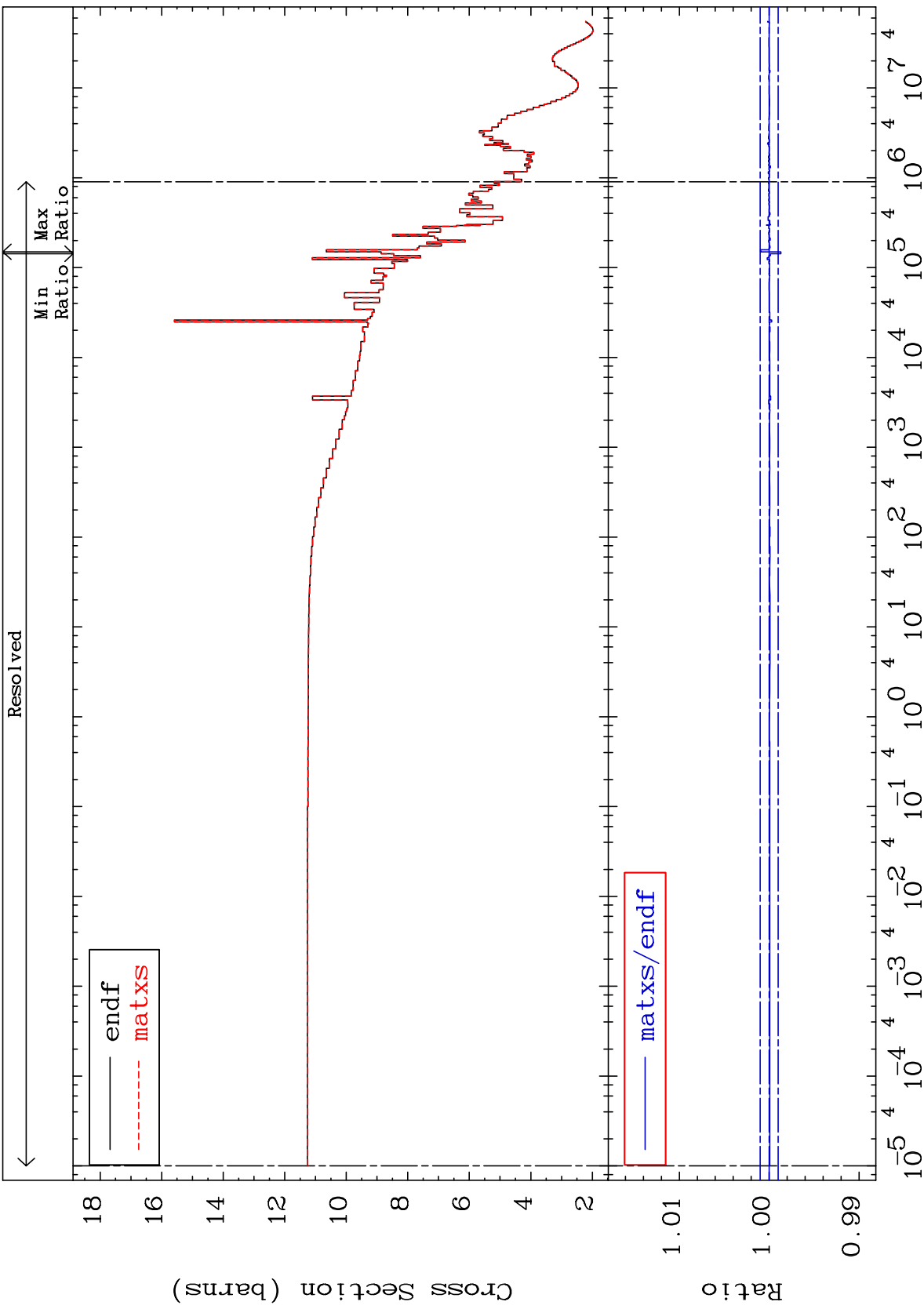
82-Pb-206

Incident Energy (eV)

MAT 8231

Elastic
Cross Section

82-Pb-206
-0.130 To 0.095 %



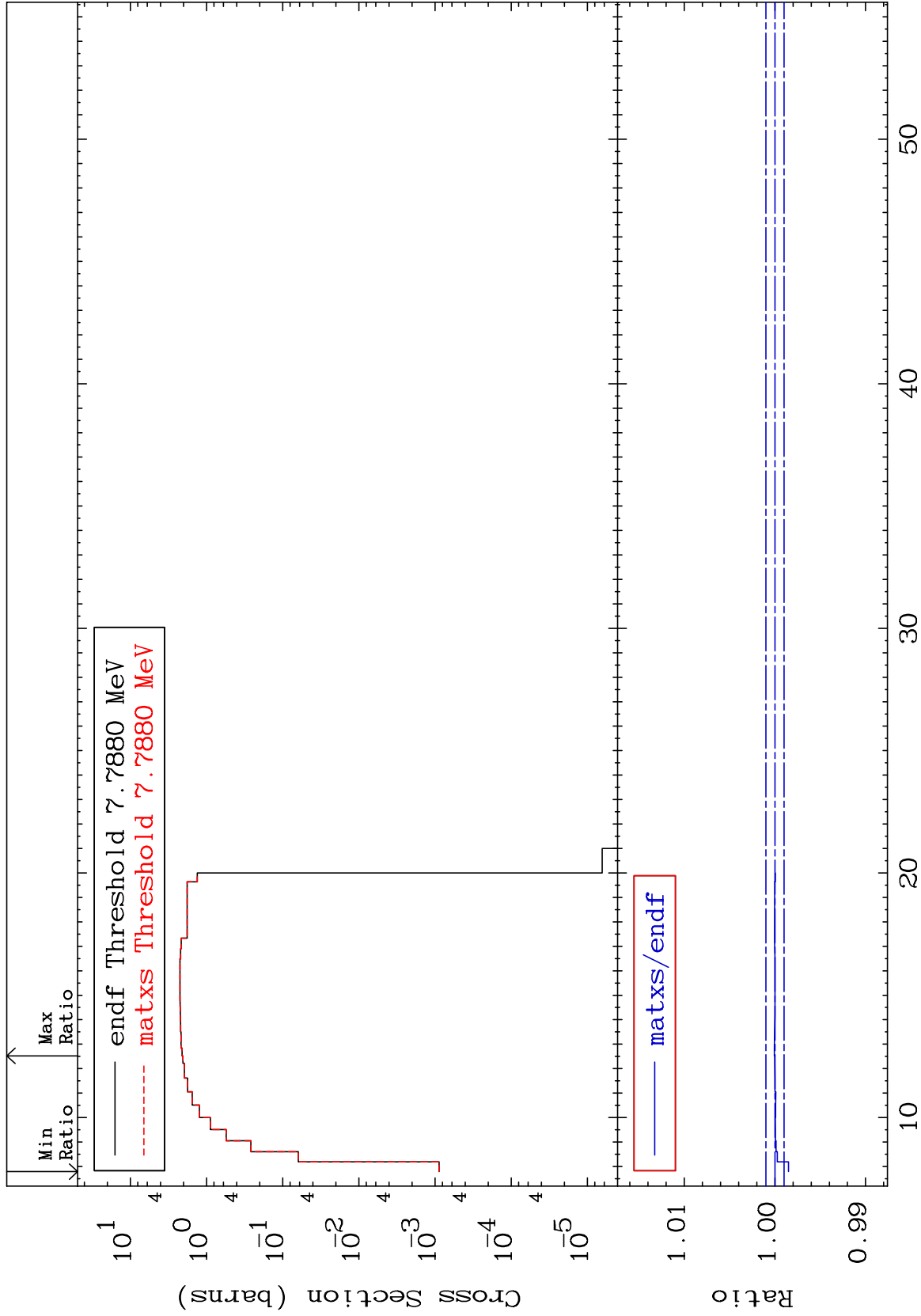
2

82-Pb-206

MAT 8231

(n,2n)
Cross Section

82-Pb-206
-0.150 To 0.006 %



3

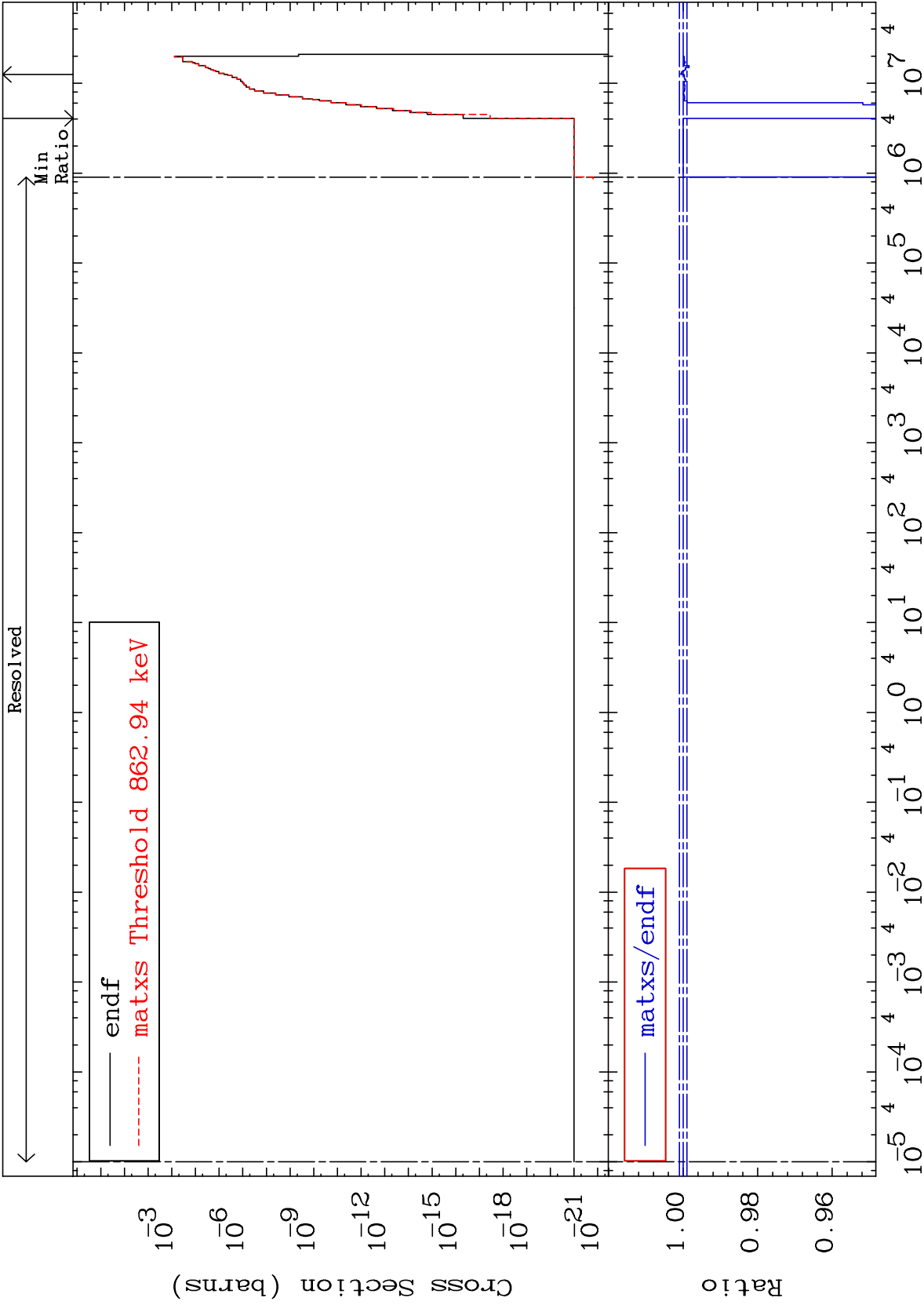
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n, n') α
Cross Section

82-Pb-206
-92.67 To 0.062 %



82-Pb-206

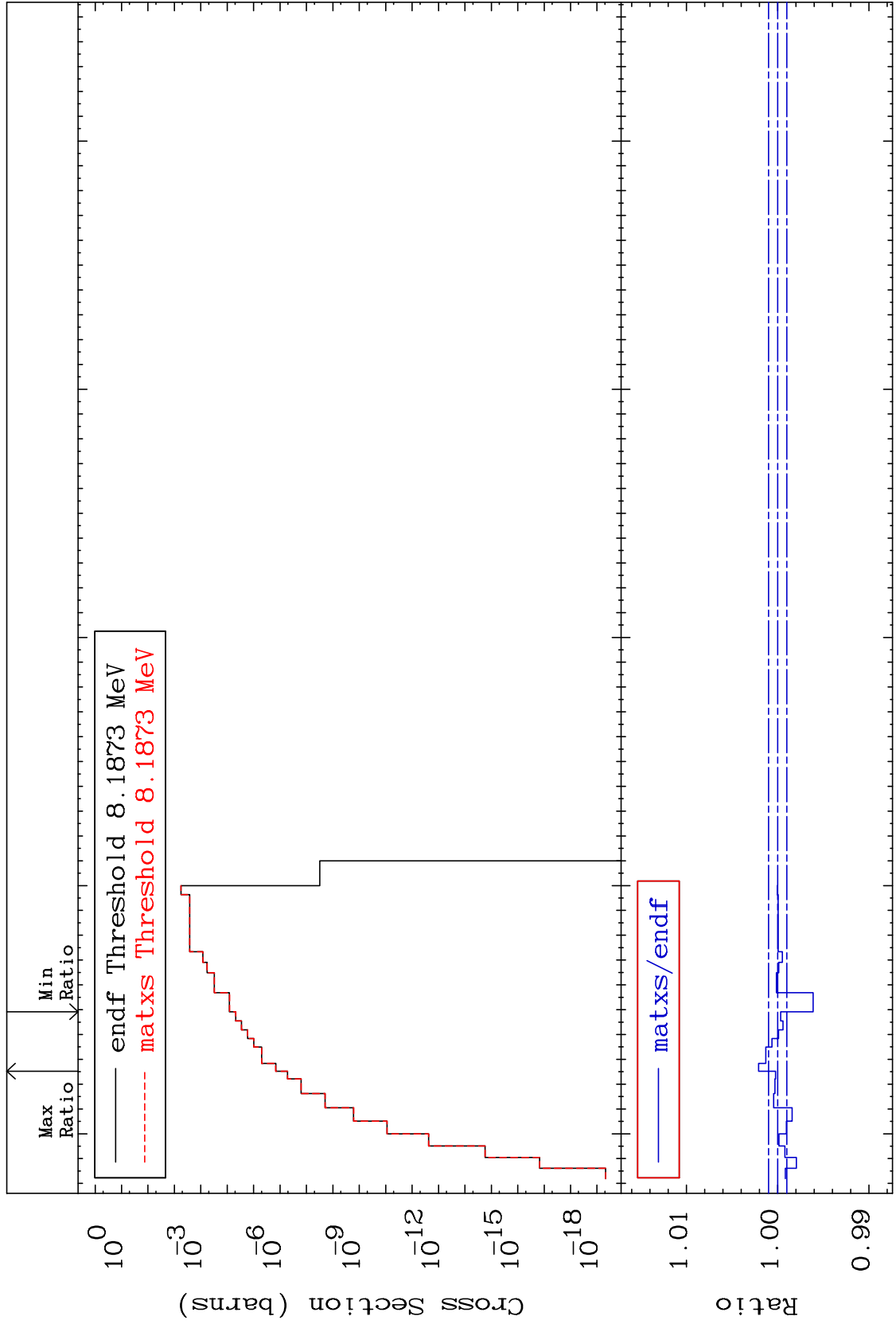
Incident Energy (eV)

4

MAT 8231

(n, n') p
Cross Section

82-Pb-206
-0.389 To 0.210 %



5

Incident Energy (MeV)

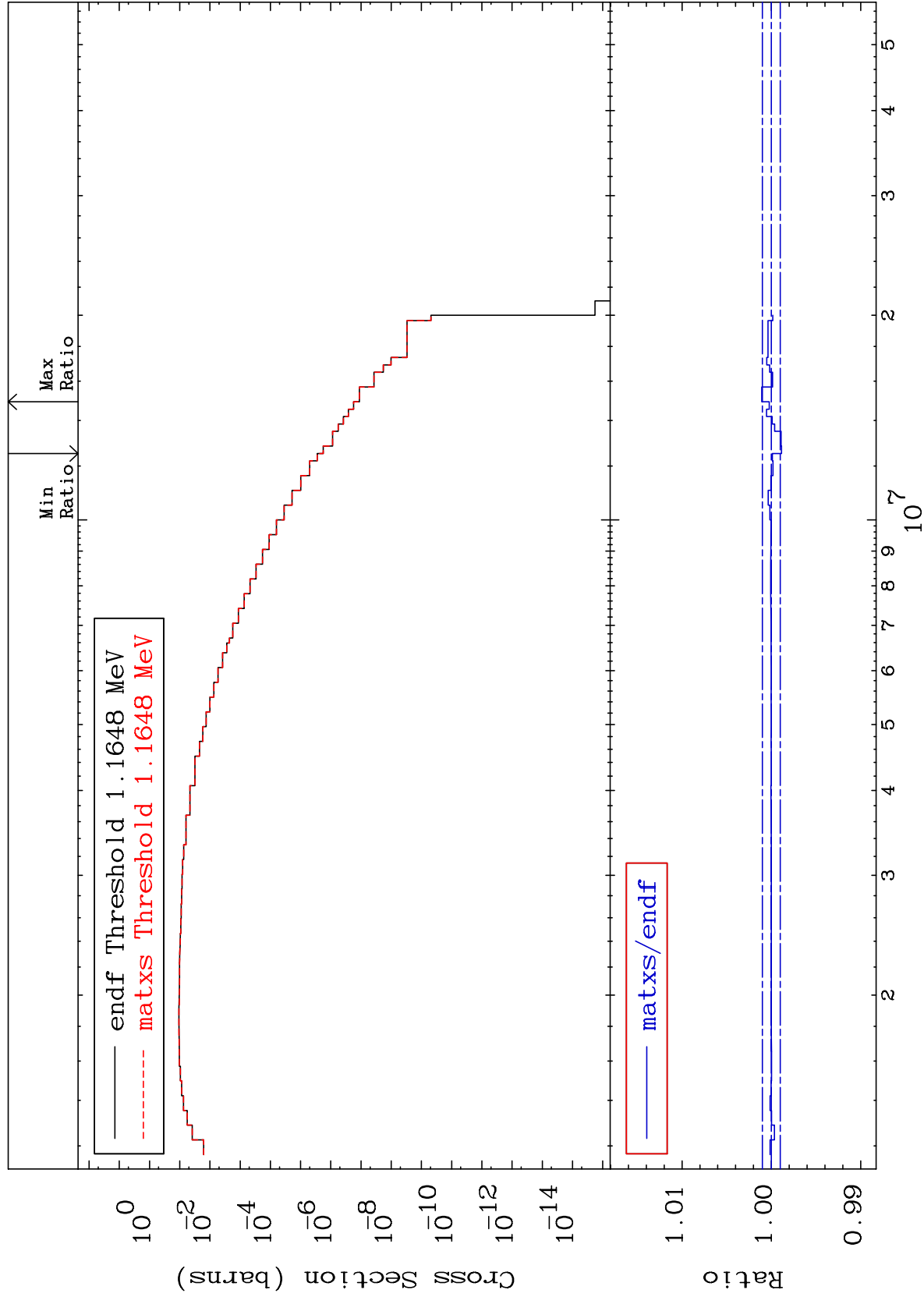
50

82-Pb-206

MAT 8231

1.166 MeV (n,n') Level
Cross Section

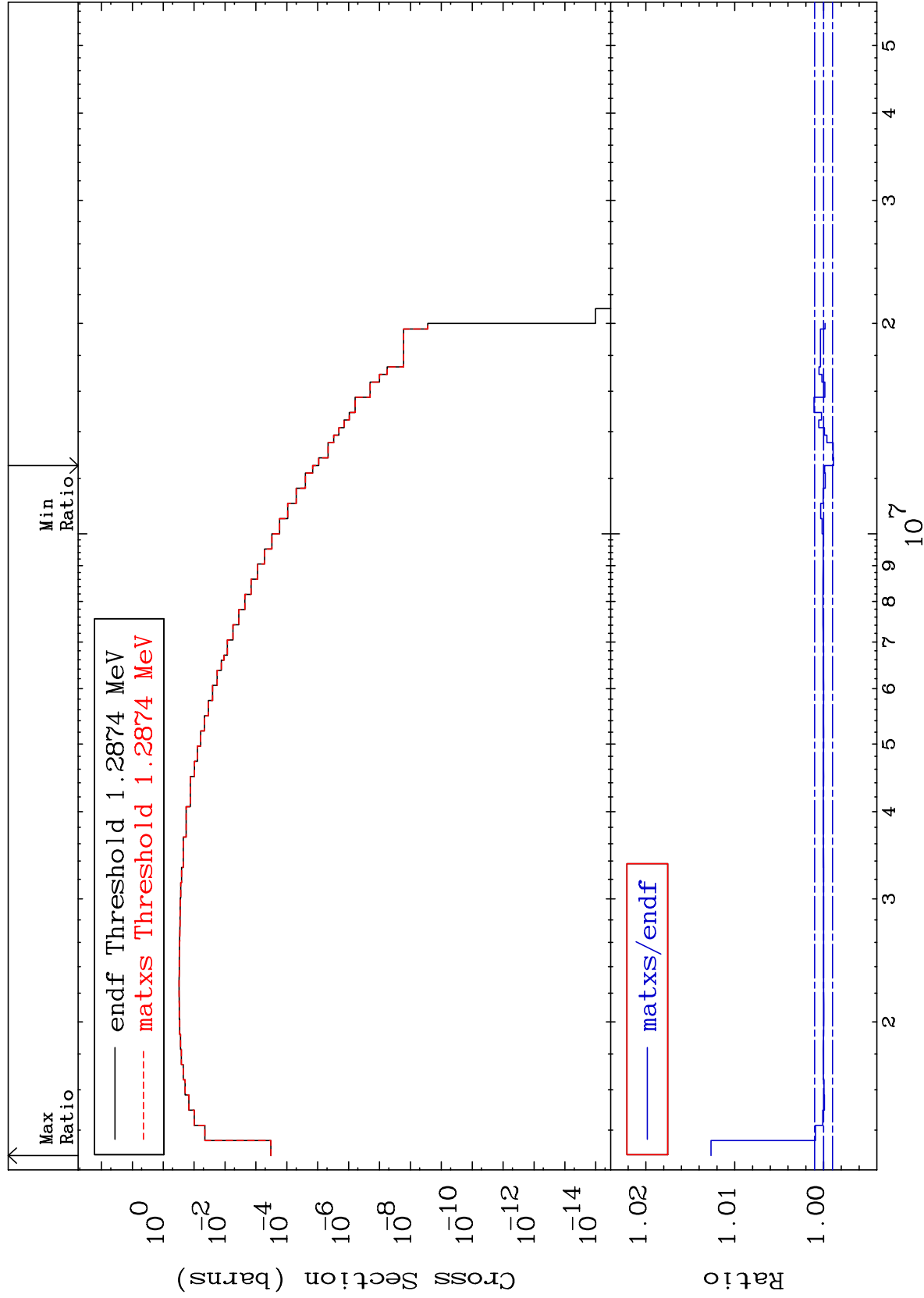
82-Pb-206
-0.114 To 0.107 %



MAT 8231

1.341 MeV (n,n') Level
Cross Section

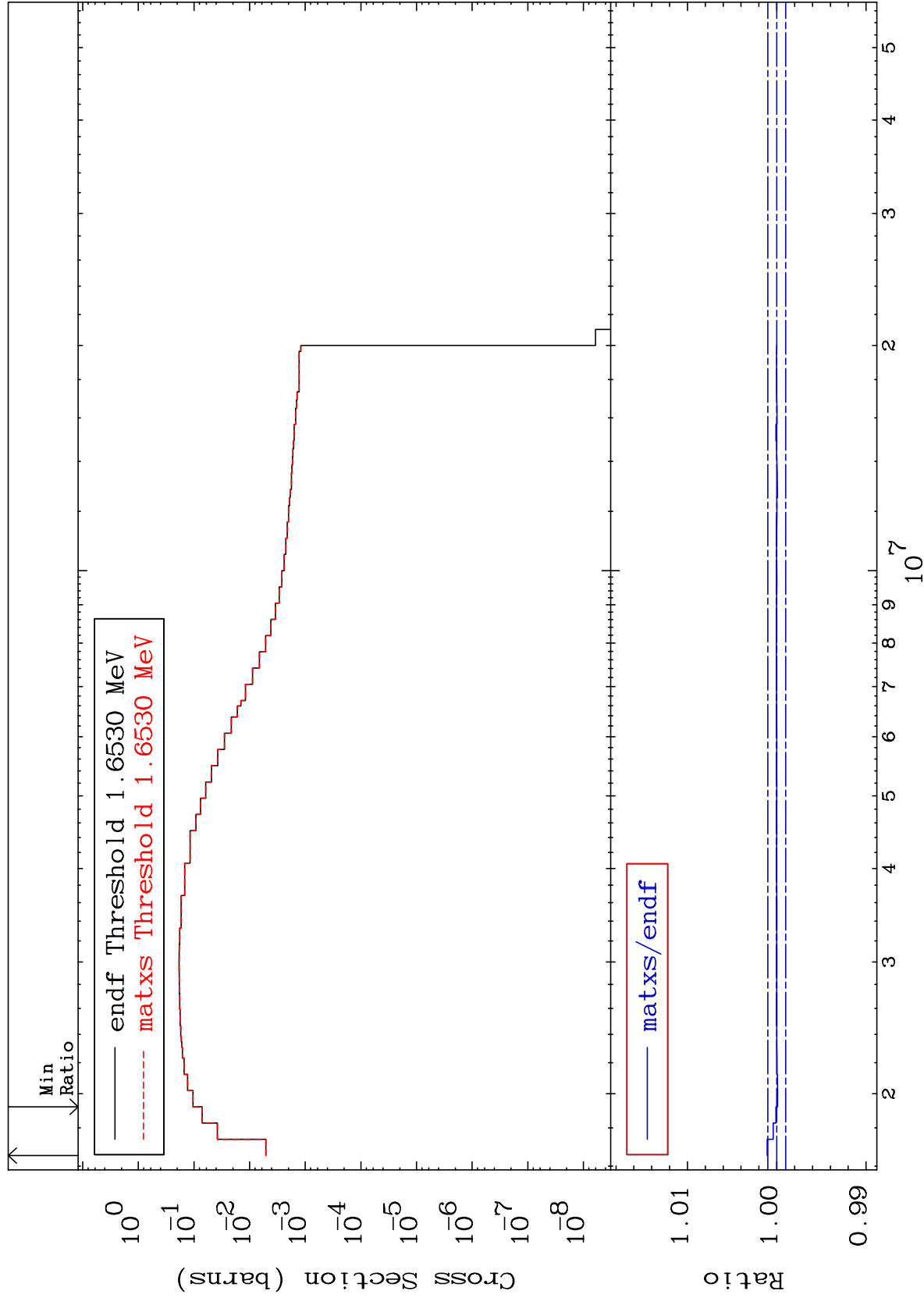
82-Pb-206
-0.112 To 1.266 %



MAT 8231

1.684 MeV (n,n') Level
Cross Section

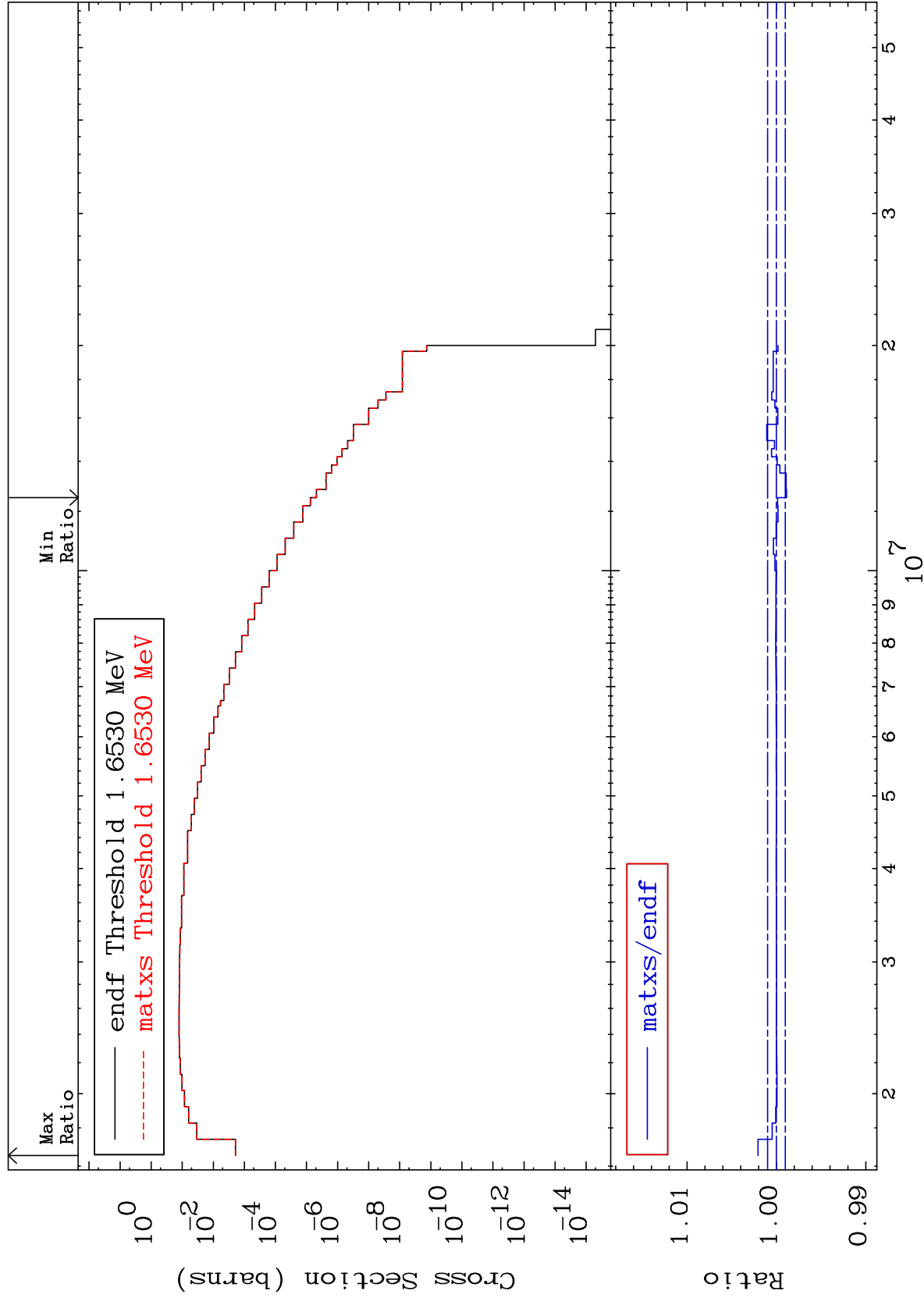
82-Pb-206
-0.008 To 0.108 %



MAT 8231

1.704 MeV (n,n') Level
Cross Section

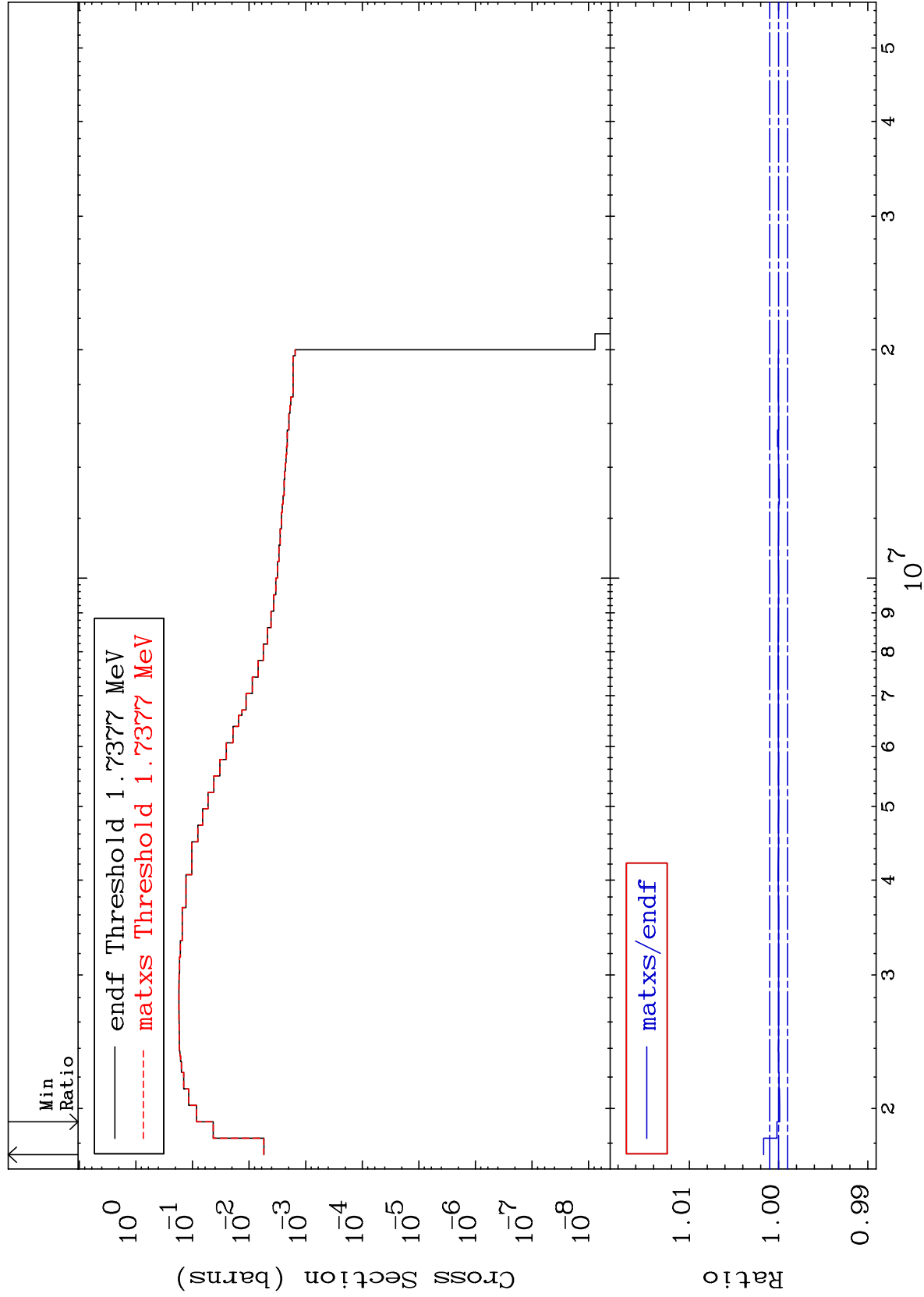
82-Pb-206
-0.113 To 0.205 %



MAT 8231

1.784 MeV (n,n') Level
Cross Section

82-Pb-206
-0.012 To 0.167 %



10

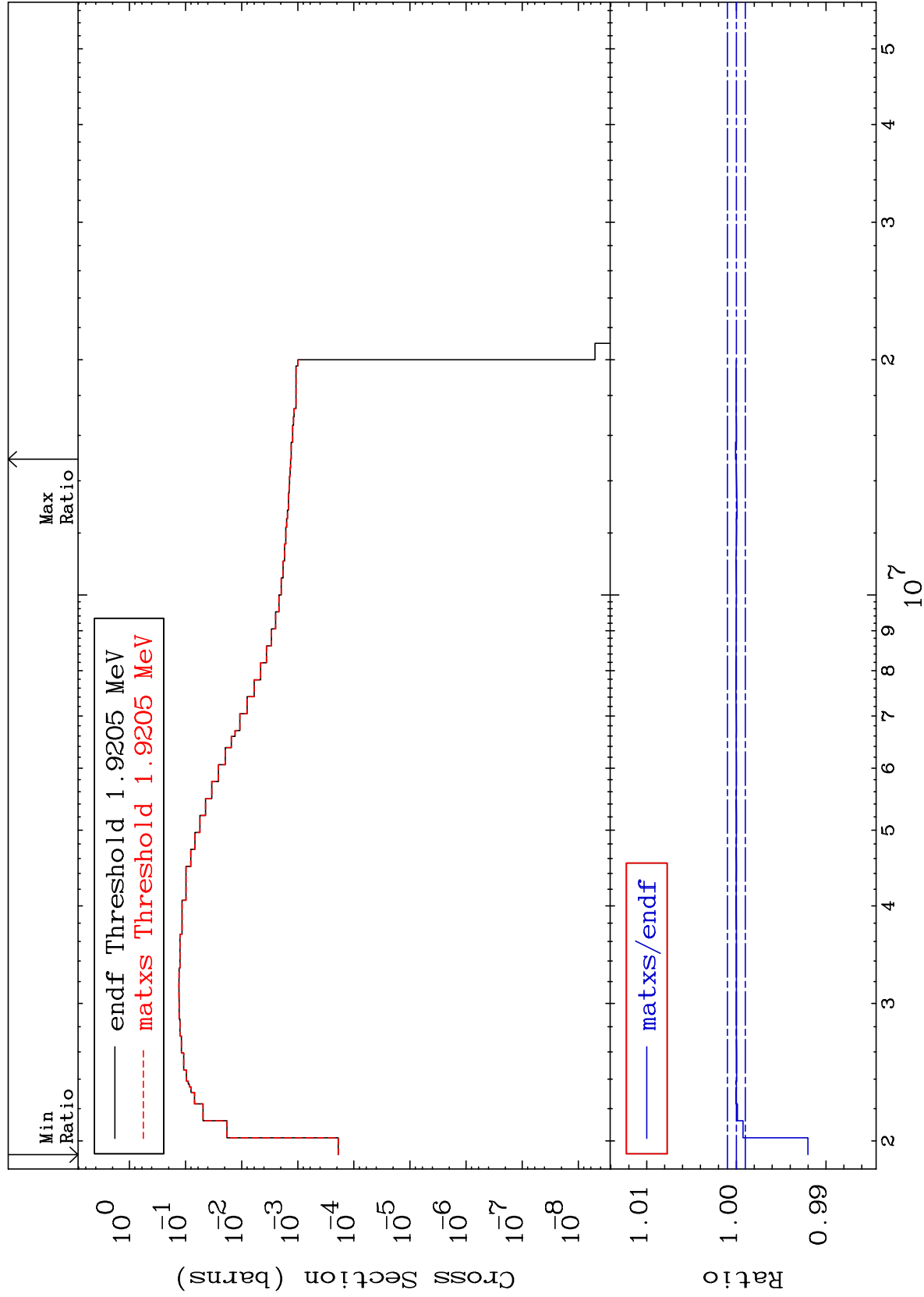
Incident Energy (eV)

82-Pb-206

MAT 8231

1.998 MeV (n,n') Level
Cross Section

82-Pb-206
-0.797 To 0.010 %



11

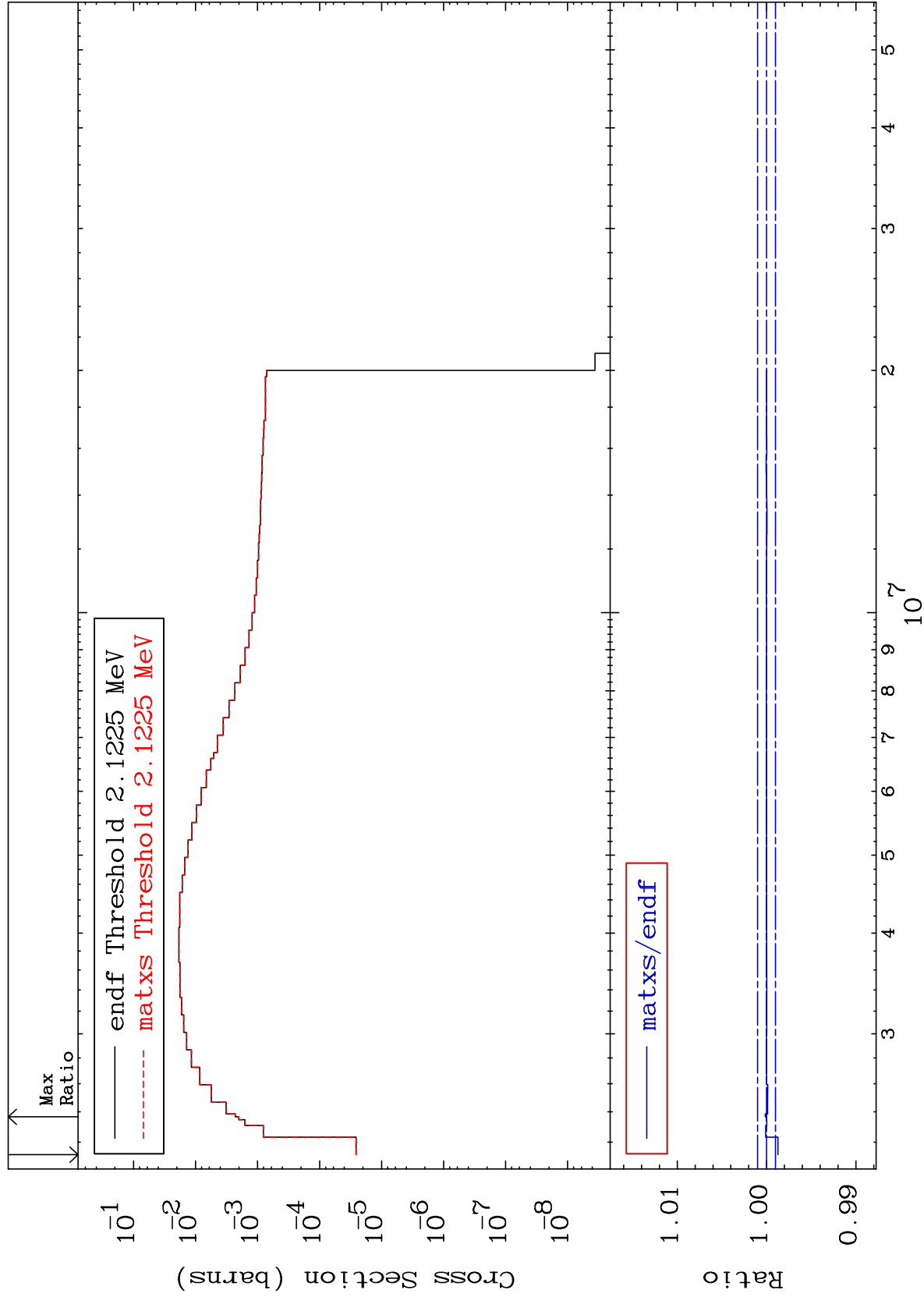
Incident Energy (eV)

82-Pb-206

MAT 8231

2.200 MeV (n,n') Level
Cross Section

82-Pb-206
-0.128 To 0.015 %



12

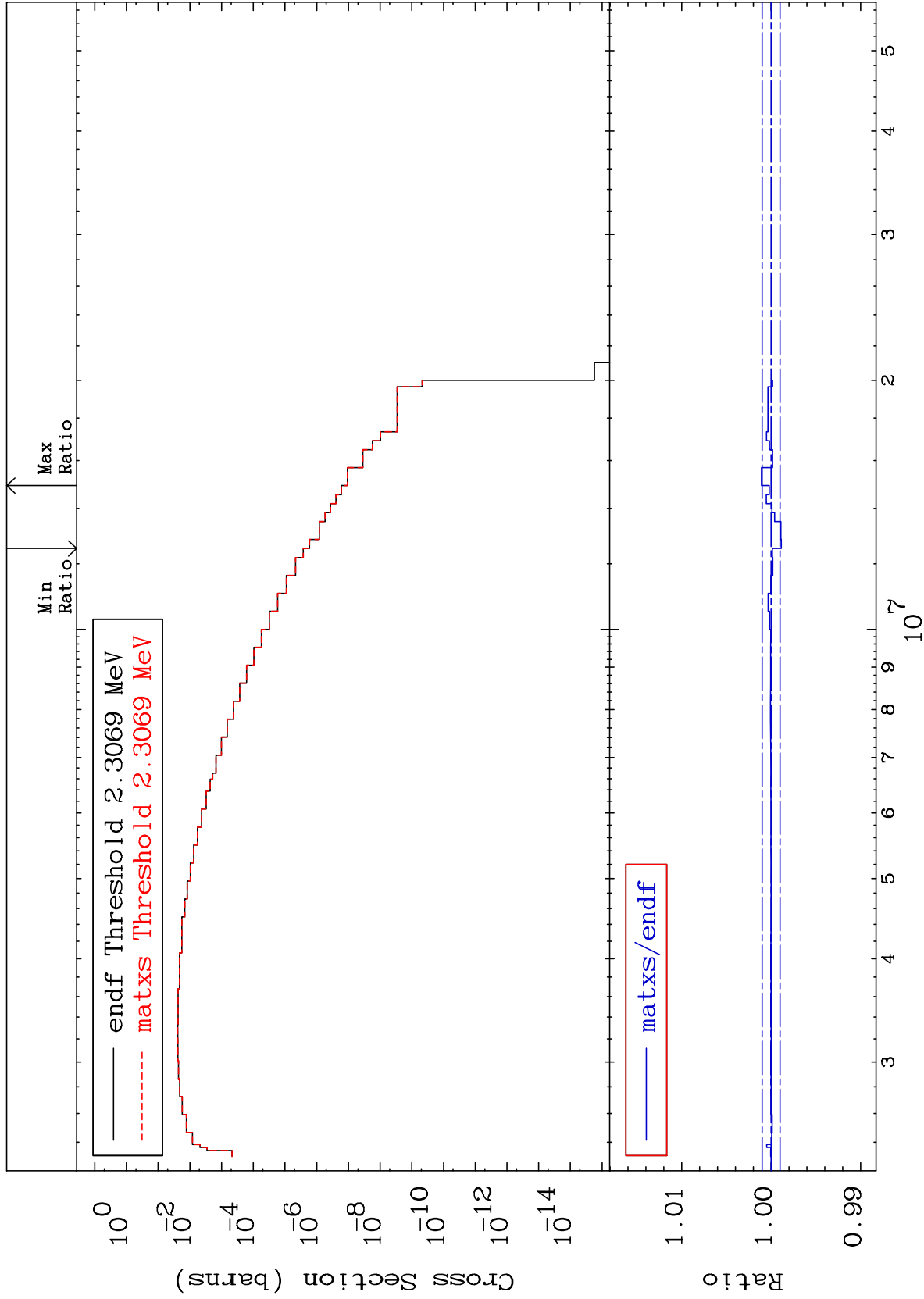
Incident Energy (eV)

82-Pb-206

MAT 8231

2.315 MeV (n,n') Level
Cross Section

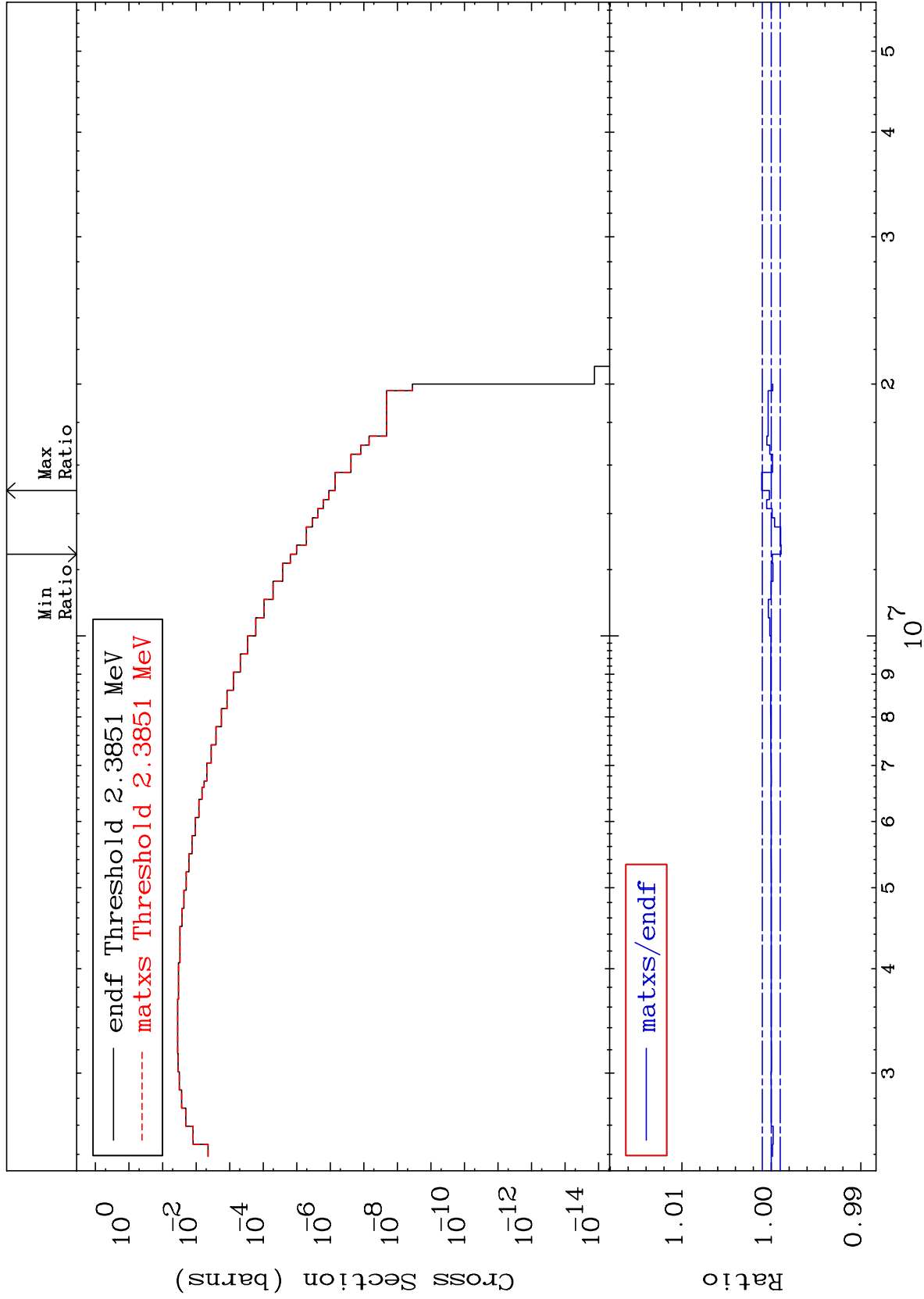
82-Pb-206
-0.113 To 0.108 %



MAT 8231

2.384 MeV (n,n') Level
Cross Section

82-Pb-206
-0.108 To 0.107 %



14

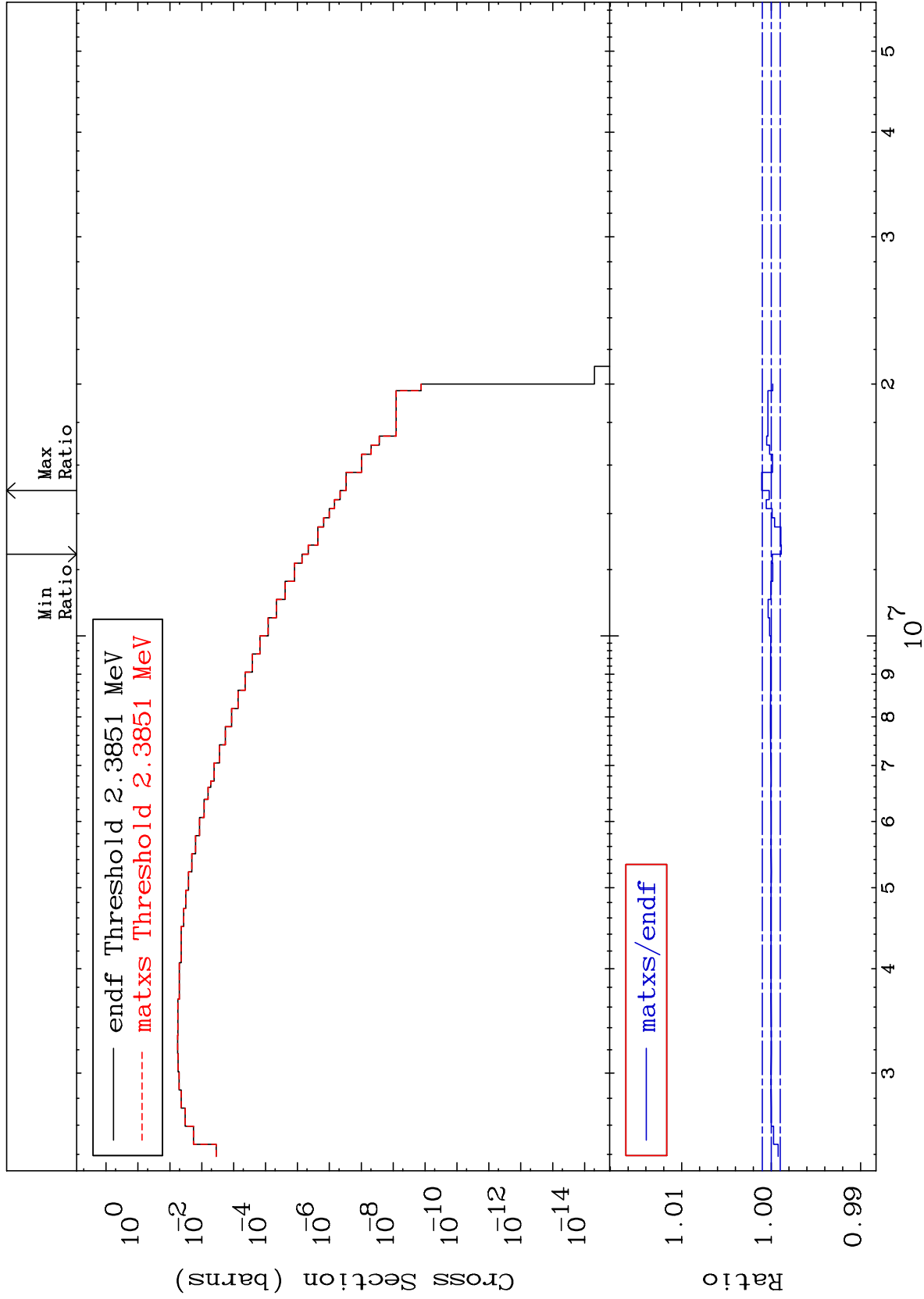
Incident Energy (eV)

82-Pb-206

MAT 8231

2.391 MeV (n,n') Level
Cross Section

82-Pb-206
-0.112 To 0.107 %



15

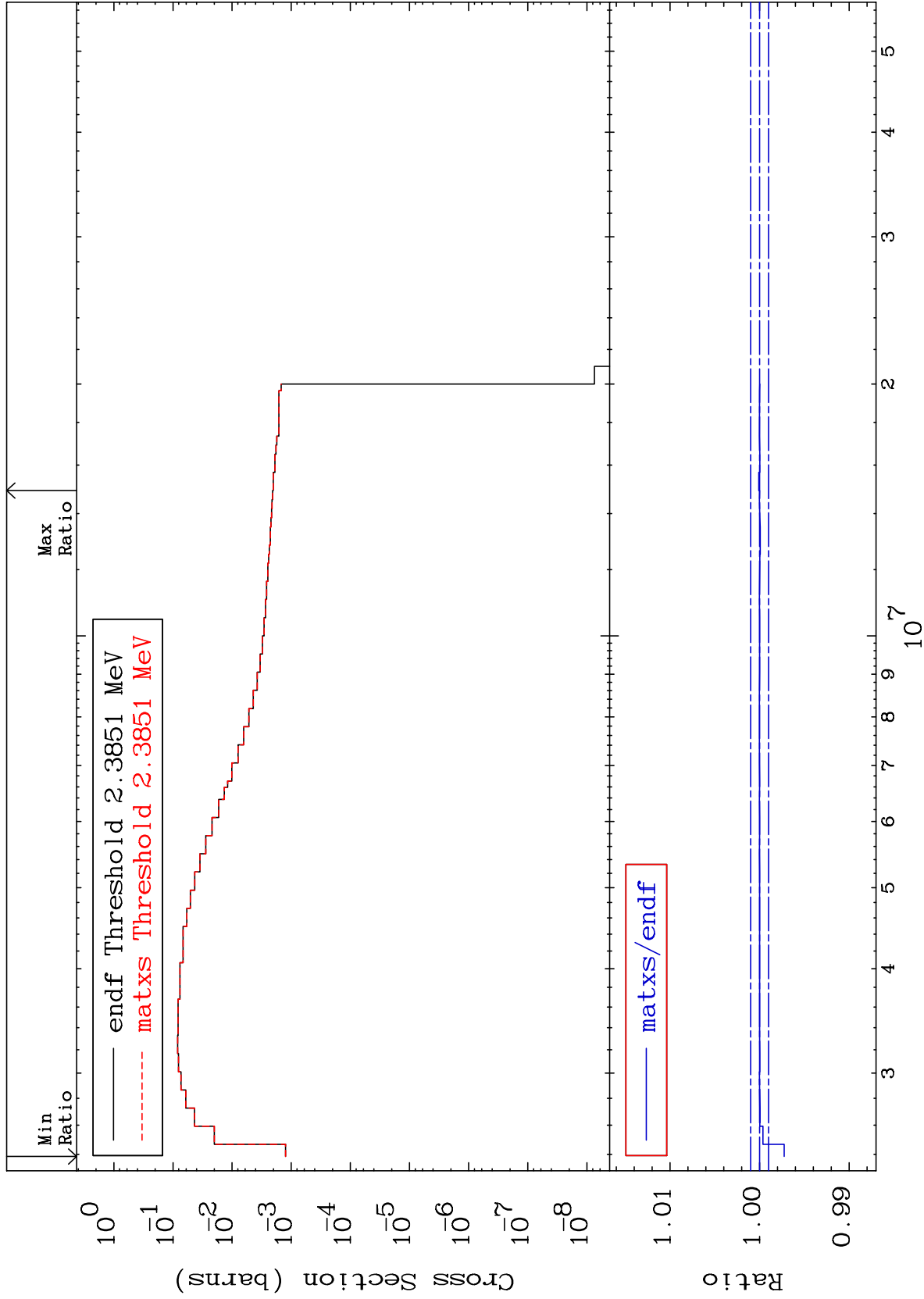
Incident Energy (eV)

82-Pb-206

MAT 8231

2.423 MeV (n,n') Level
Cross Section

82-Pb-206
-0.273 To 0.011 %



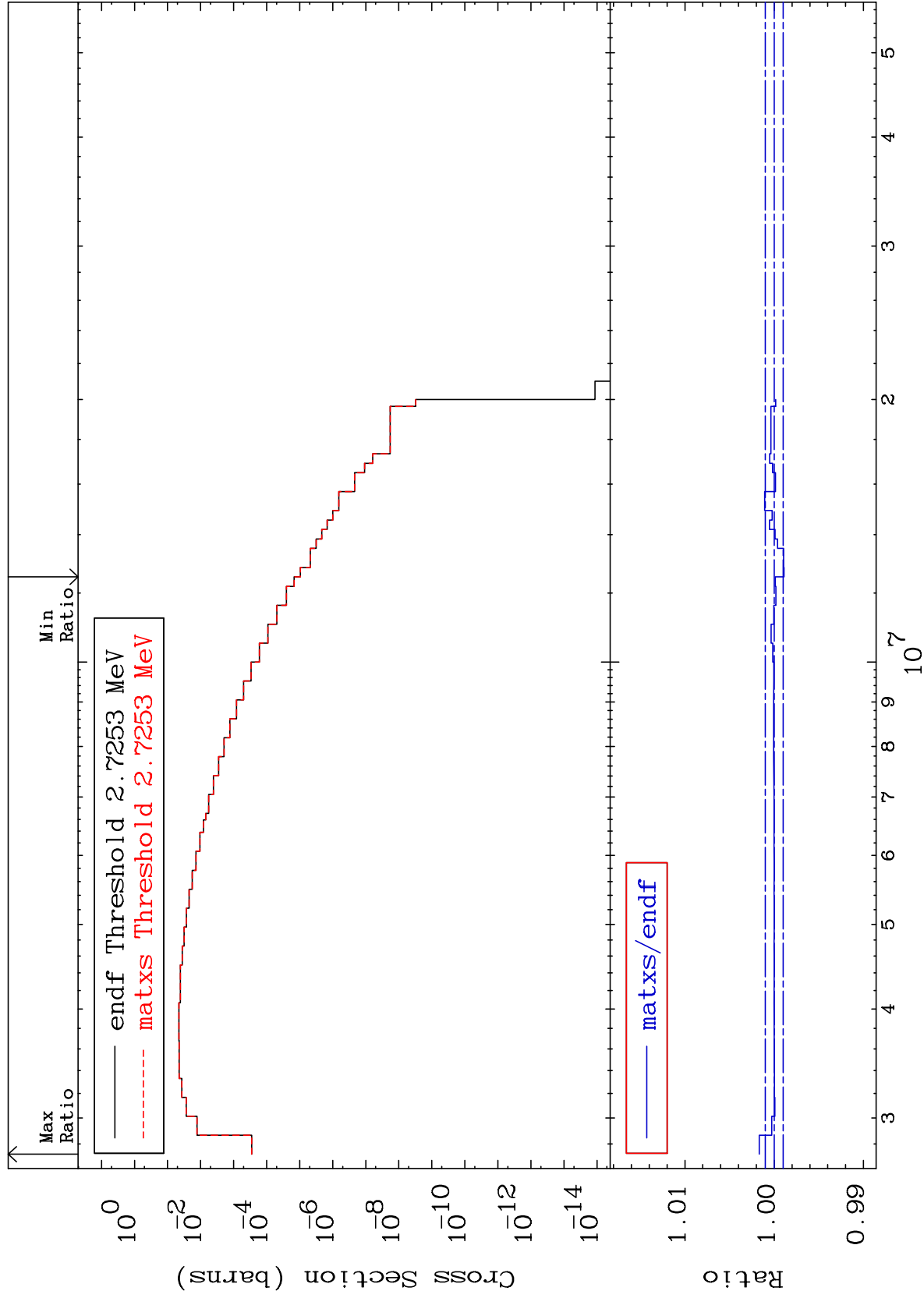
16

82-Pb-206

MAT 8231

2.826 MeV (n,n') Level
Cross Section

82-Pb-206
-0.110 To 0.167 %



17

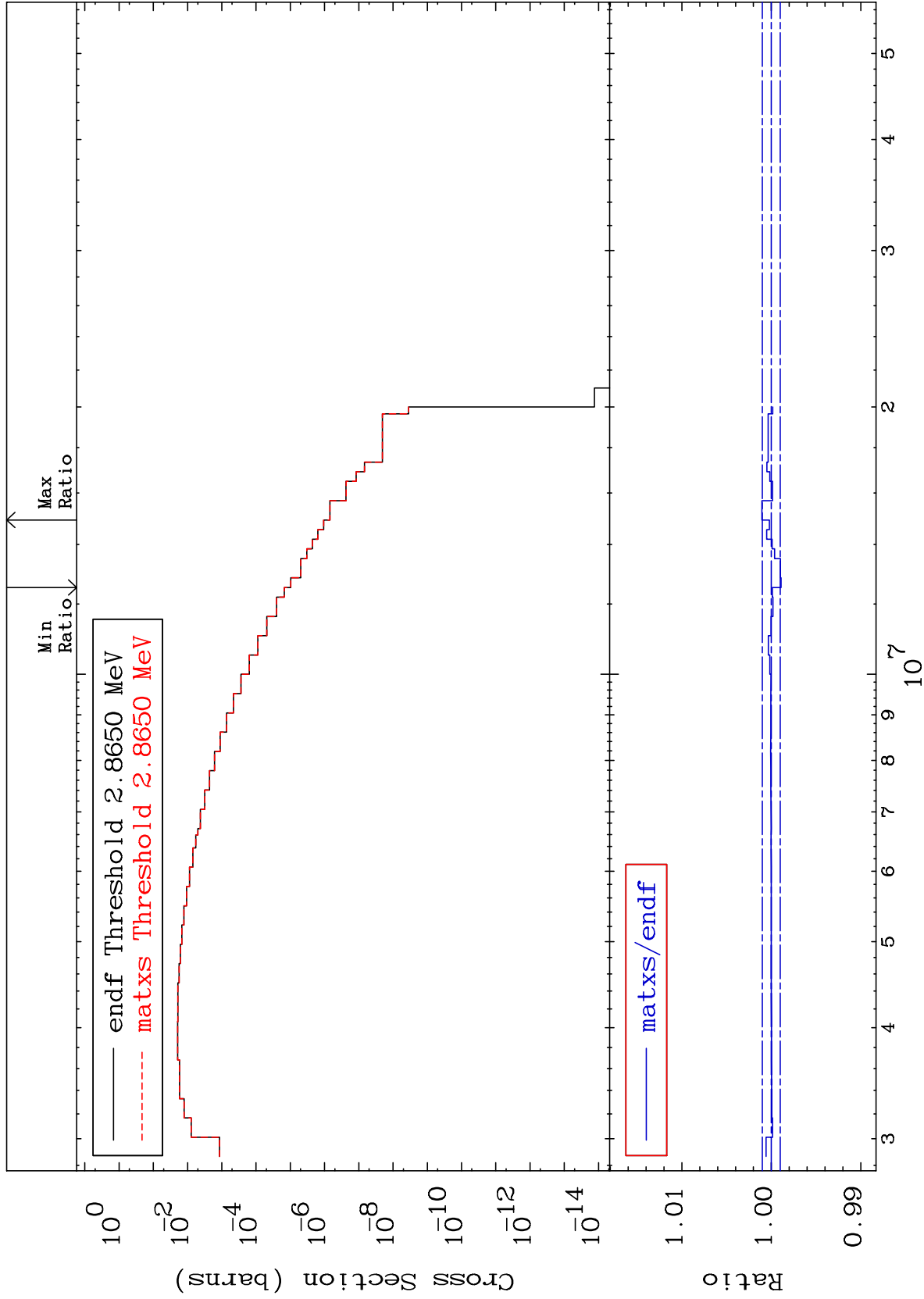
Incident Energy (eV)

82-Pb-206

MAT 8231

2.940 MeV (n,n') Level
Cross Section

82-Pb-206
-0.108 To 0.106 %



18

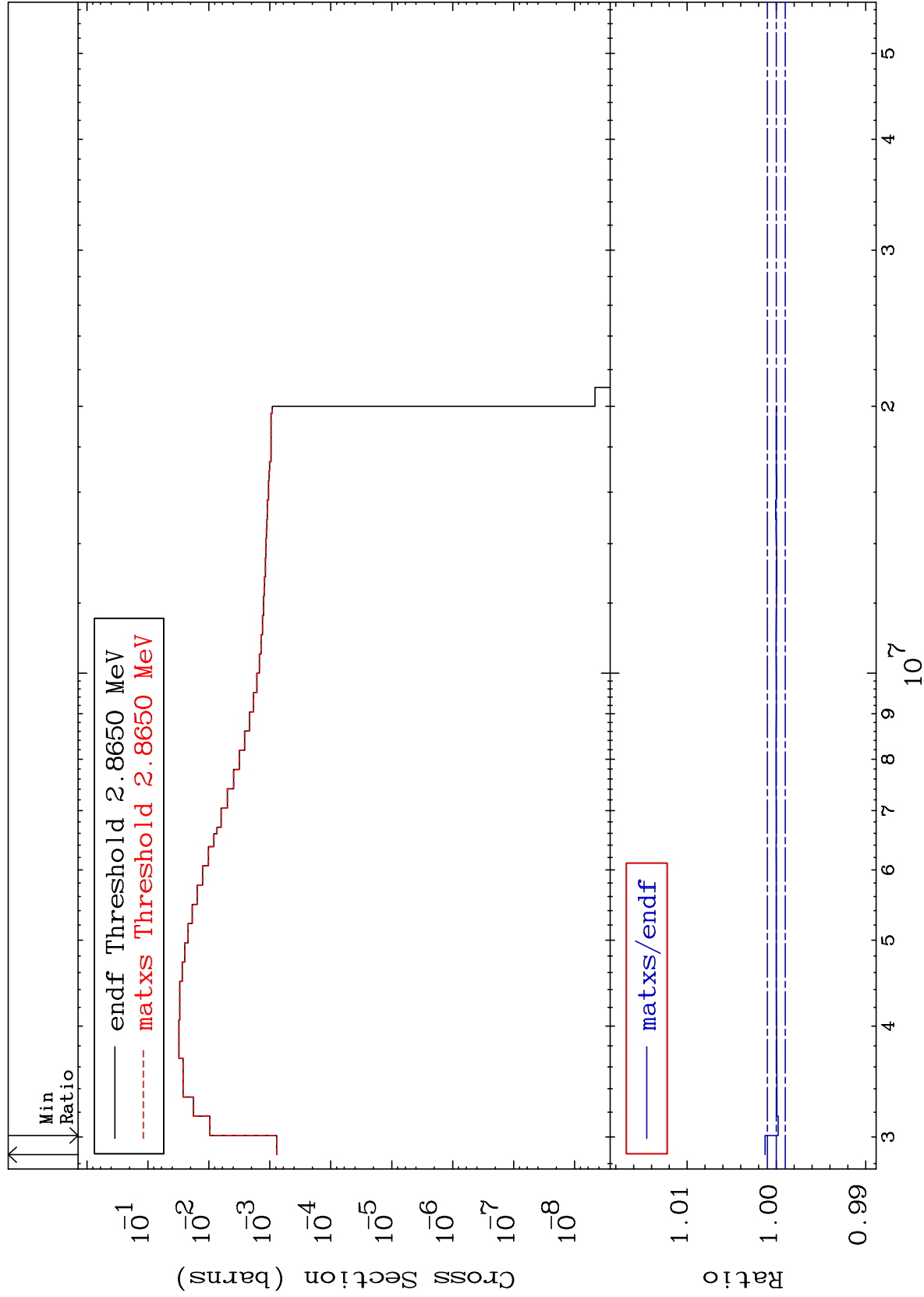
Incident Energy (eV)

82-Pb-206

MAT 8231

2.960 MeV (n,n') Level
Cross Section

82-Pb-206
-0.020 To 0.126 %



19

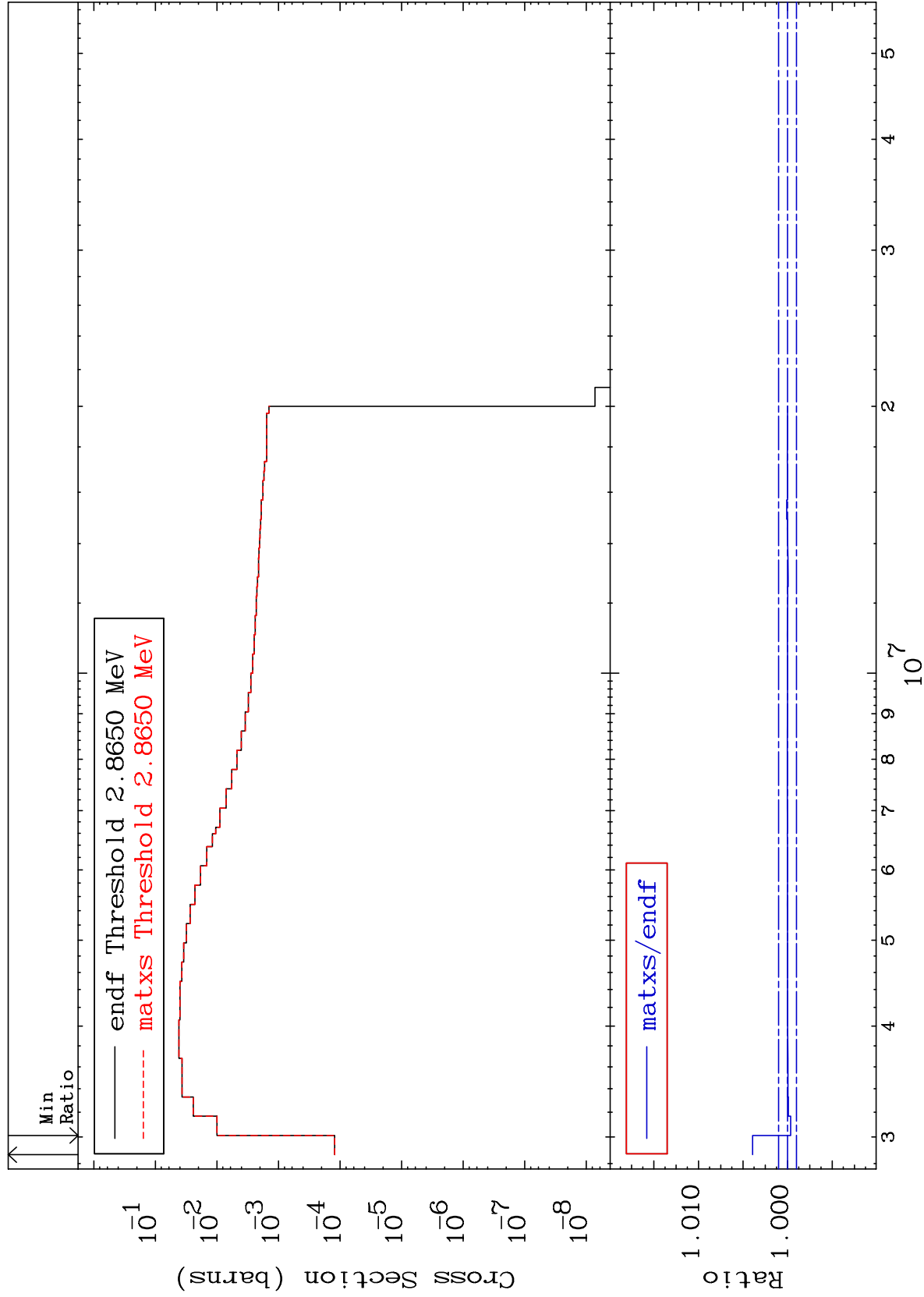
Incident Energy (eV)

82-Pb-206

MAT 8231

2.984 MeV (n,n') Level
Cross Section

82-Pb-206
-0.034 To 0.391 %



20

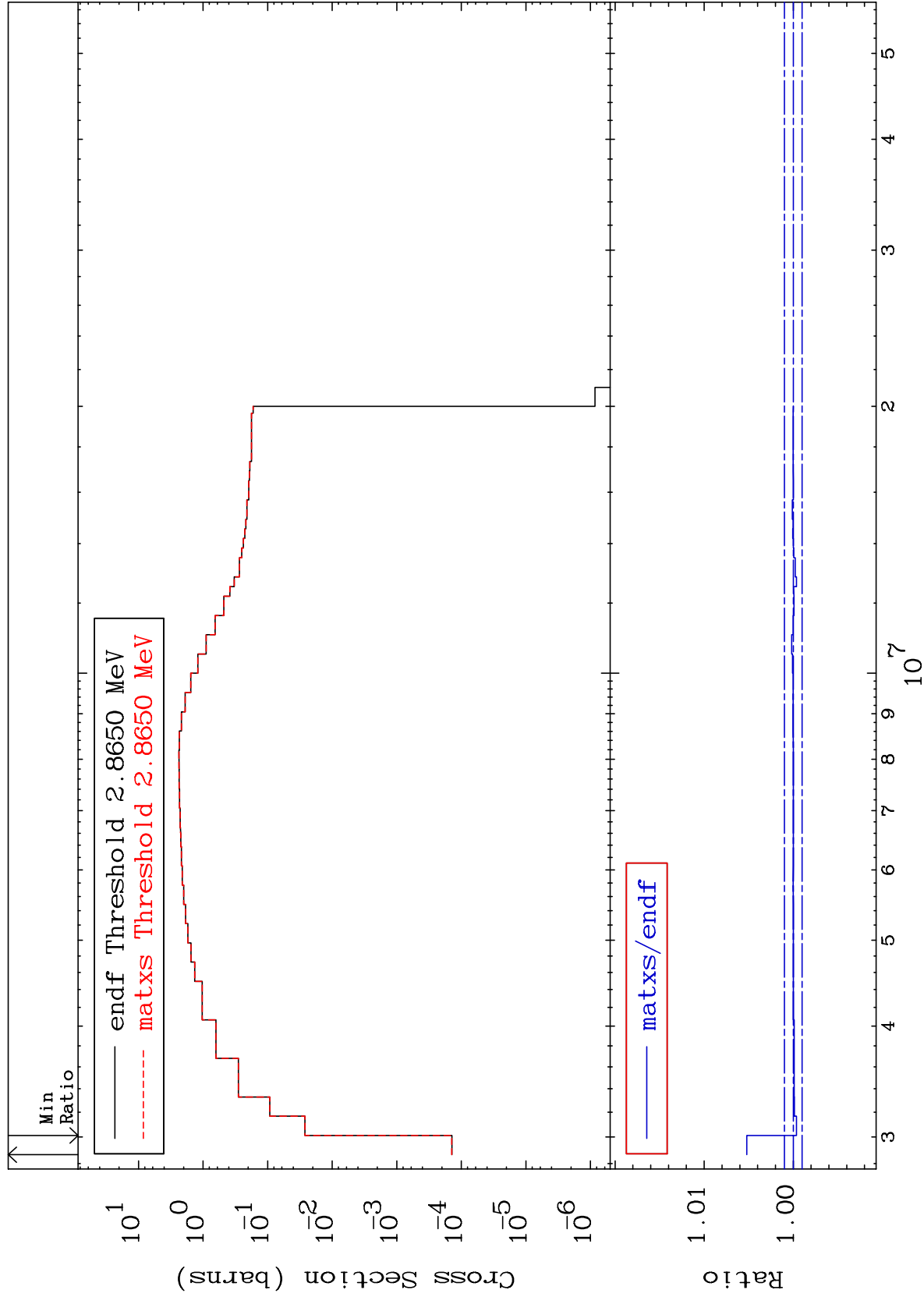
Incident Energy (eV)

82-Pb-206

MAT 8231

(n,n') Continuum
Cross Section

82-Pb-206
-0.037 To 0.522 %



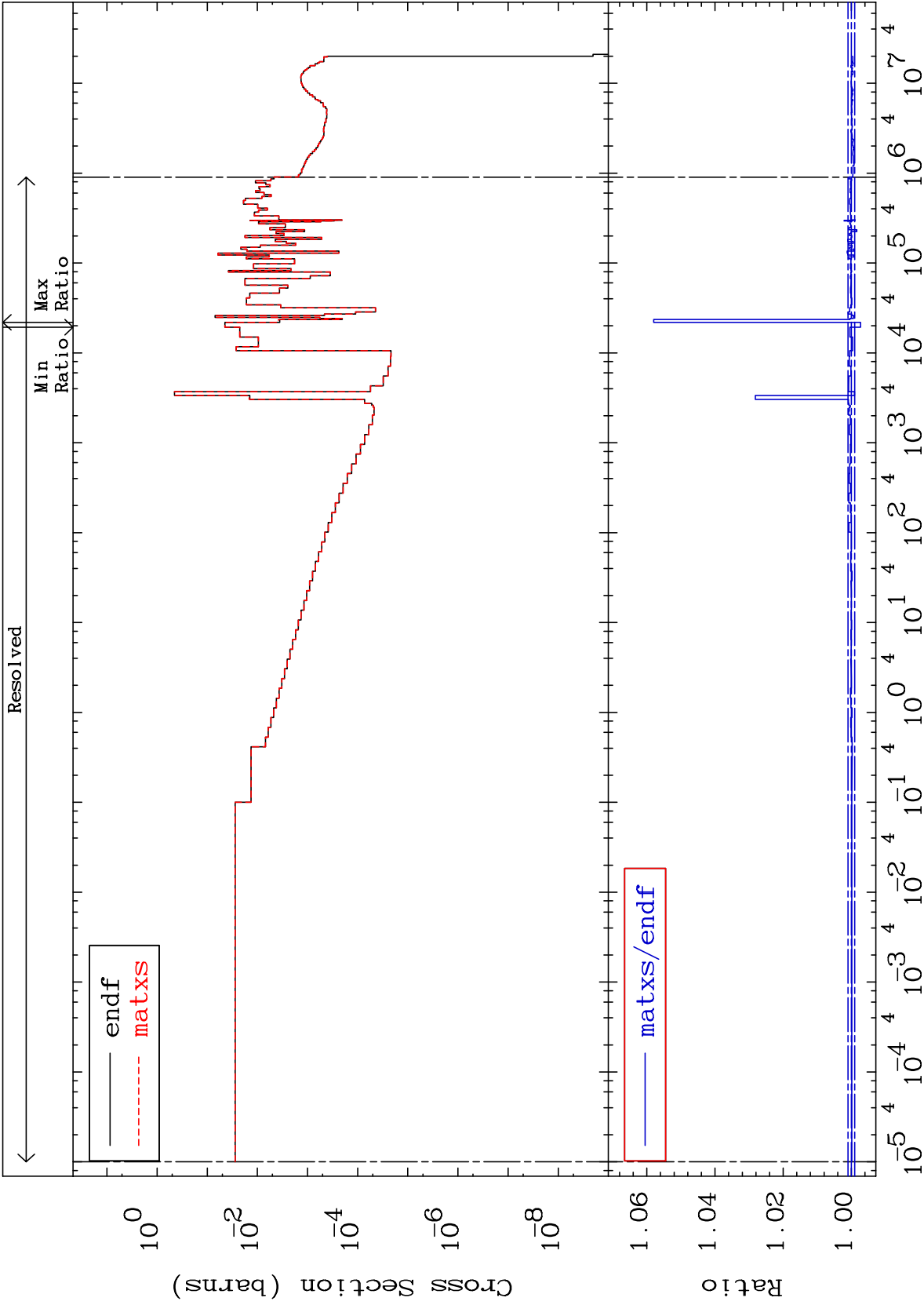
MAT 8231

(n, γ)

82-Pb-206

Cross Section

-0.270 To 5.796 %



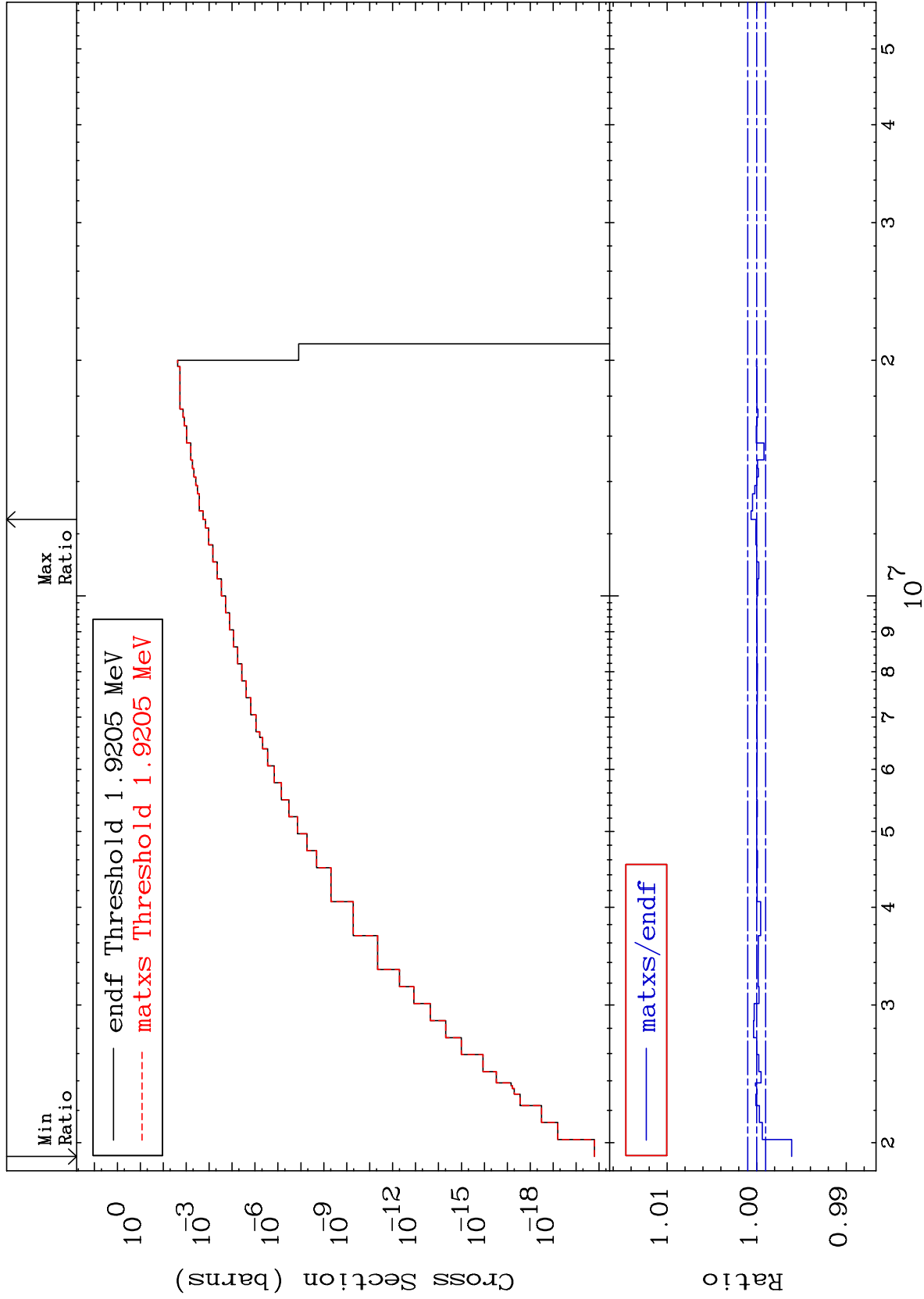
MAT 8231

(n,p)

82-Pb-206

Cross Section

-0.392 To 0.062 %



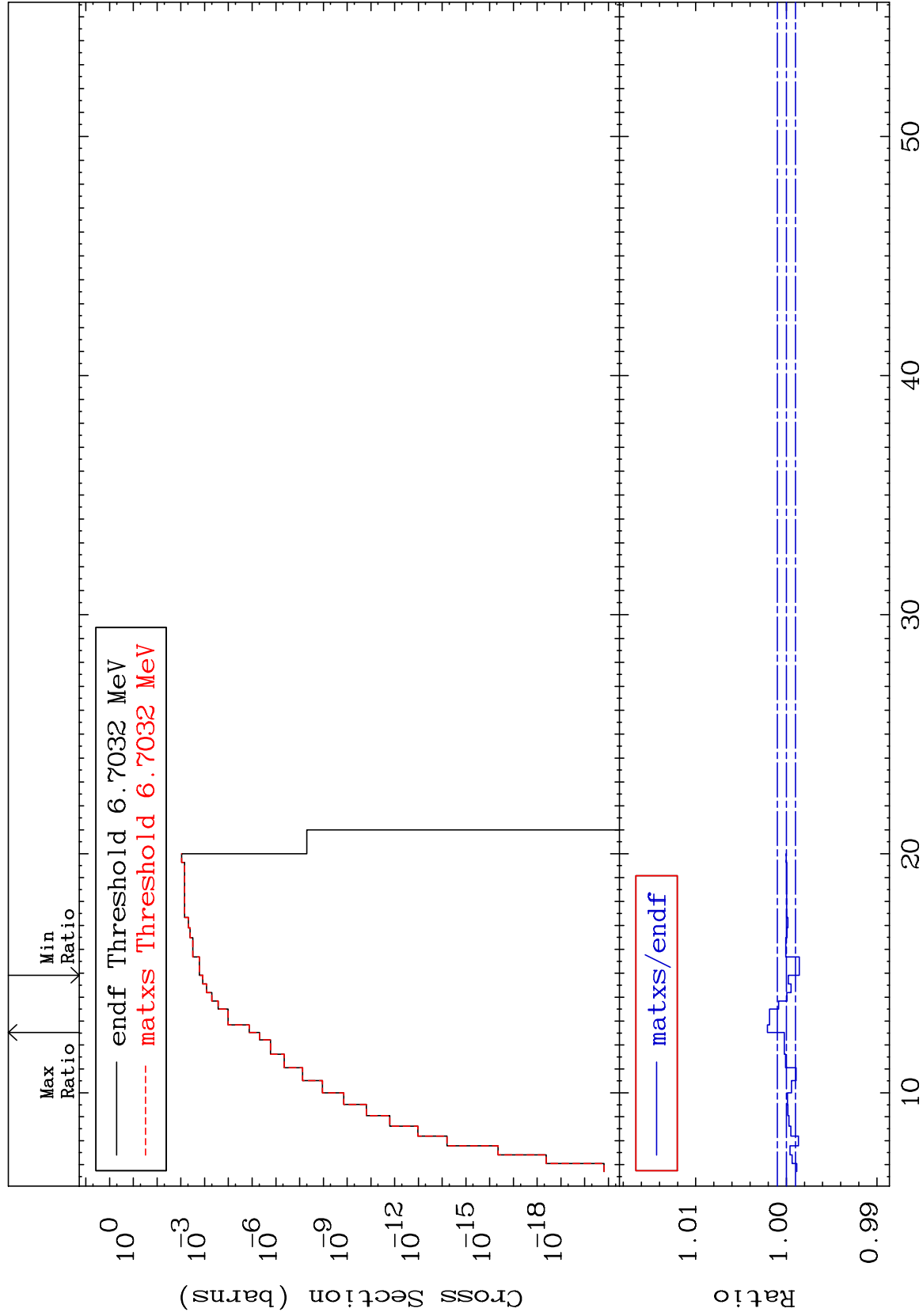
MAT 8231

(n, d)

82-Pb-206

Cross Section

-0.143 To 0.208 %



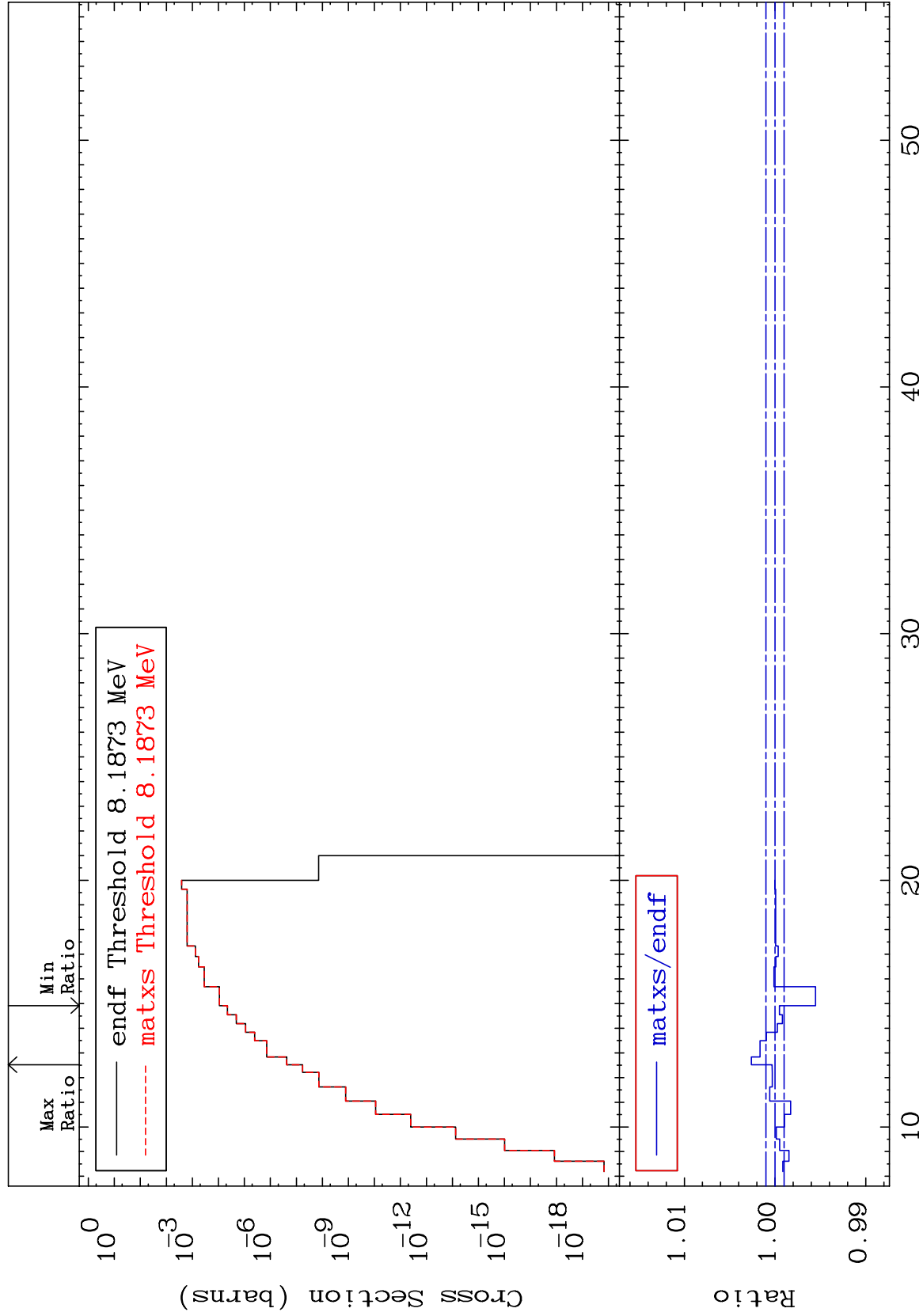
MAT 8231

(n, t)

82-Pb-206

Cross Section

-0.445 To 0.262 %



25

Incident Energy (MeV)

82-Pb-206

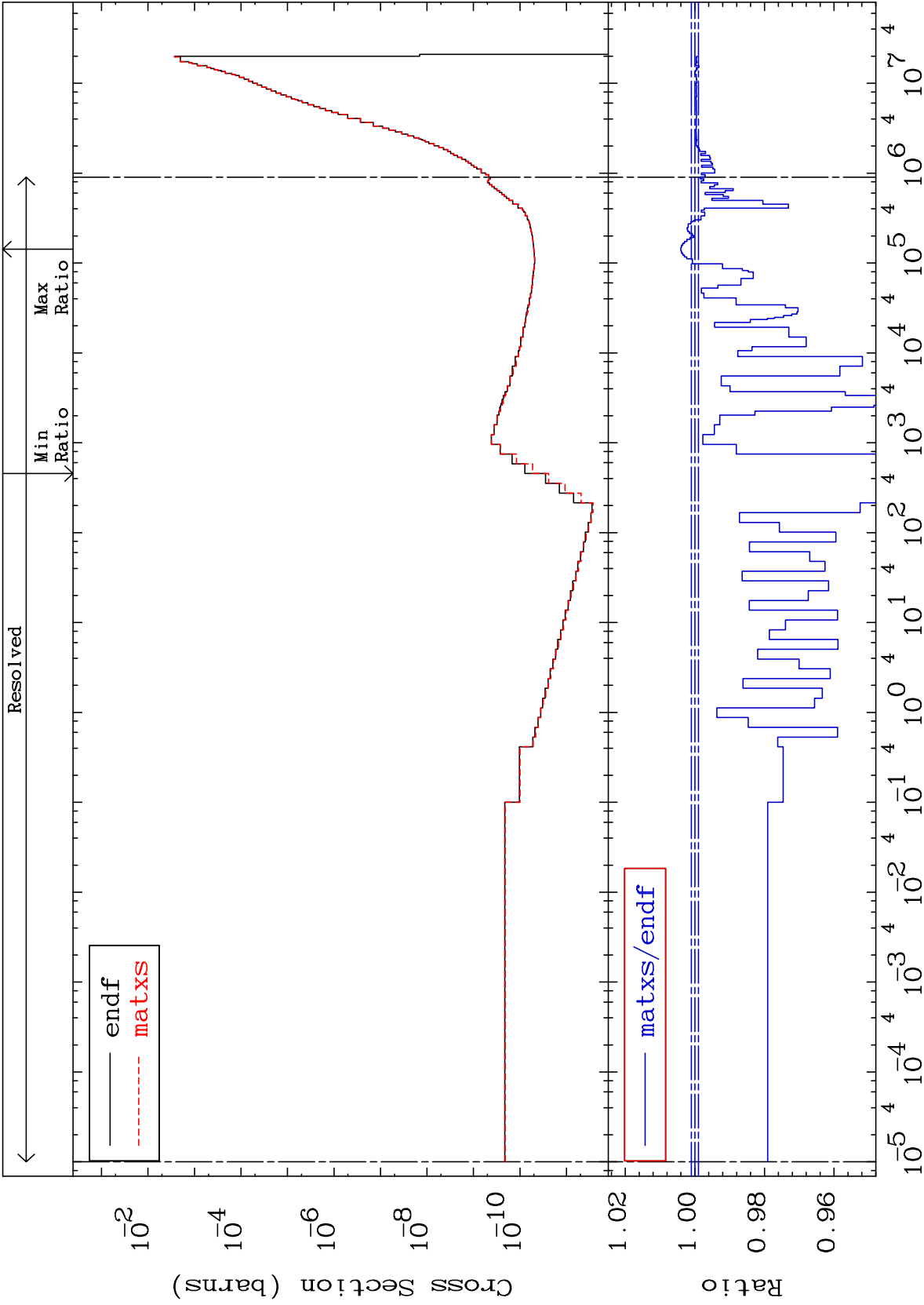
MAT 8231

(n, α)

82-Pb-206

Cross Section

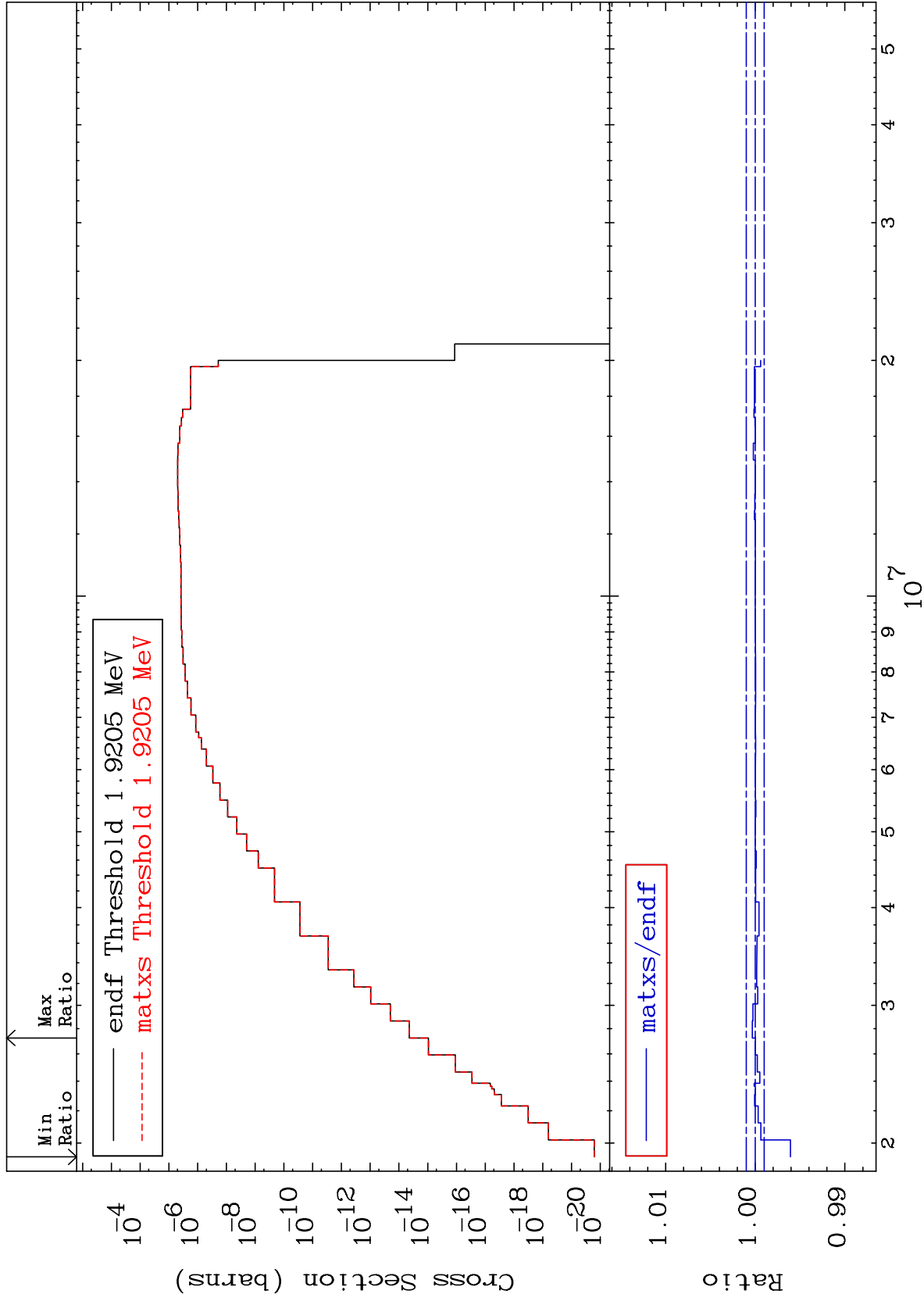
-31.63 To 0.401 %



MAT 8231

(n, p') Ground
Cross Section

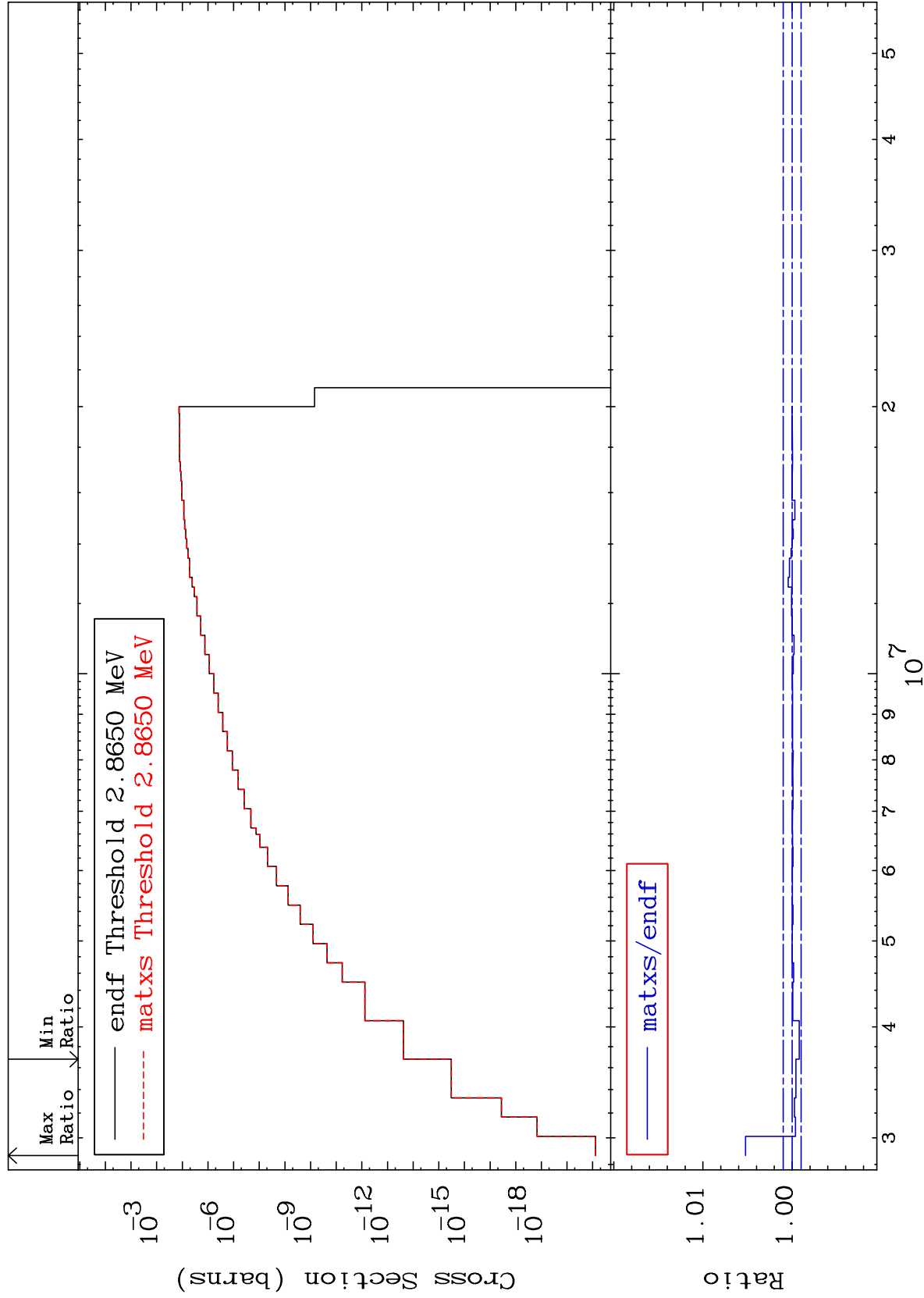
82-Pb-206
-0.392 To 0.033 %



MAT 8231

939.9 keV (n,p') Level
Cross Section

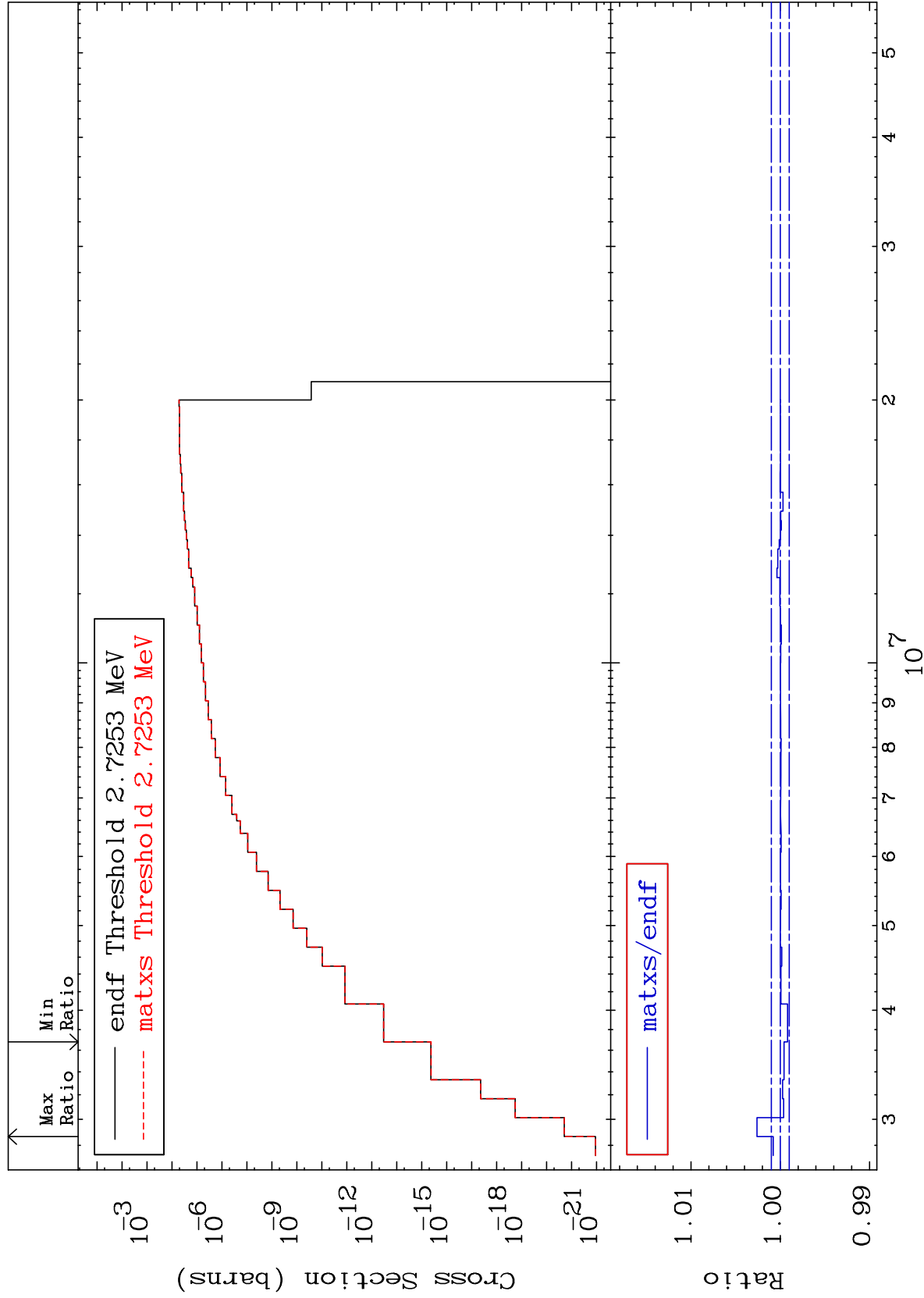
82-Pb-206
-0.079 To 0.524 %



MAT 8231

952.2 keV (n,p') Level
Cross Section

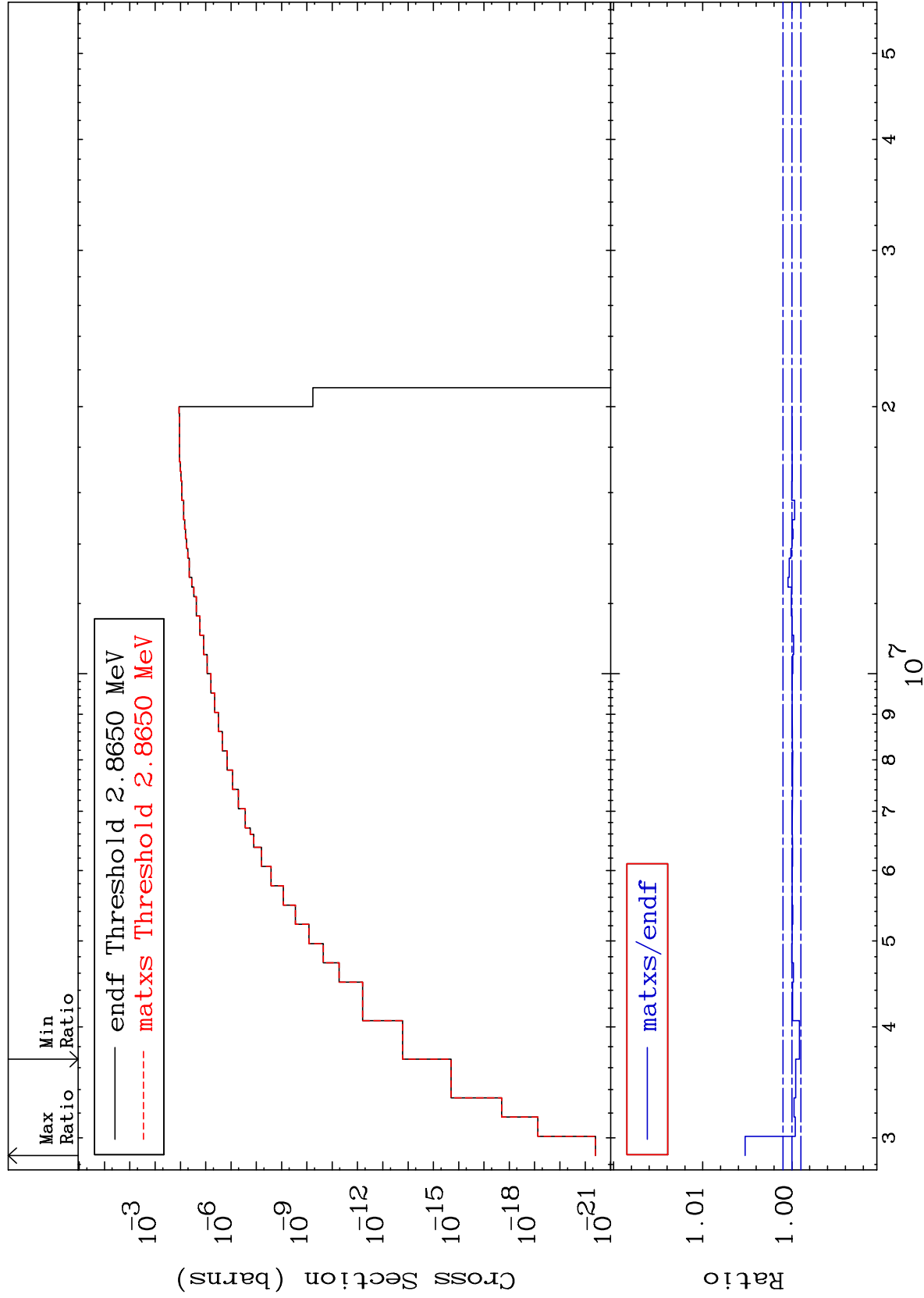
82-Pb-206
-0.082 To 0.260 %



MAT 8231

998.2 keV (n,p') Level
Cross Section

82-Pb-206
-0.084 To 0.524 %



30

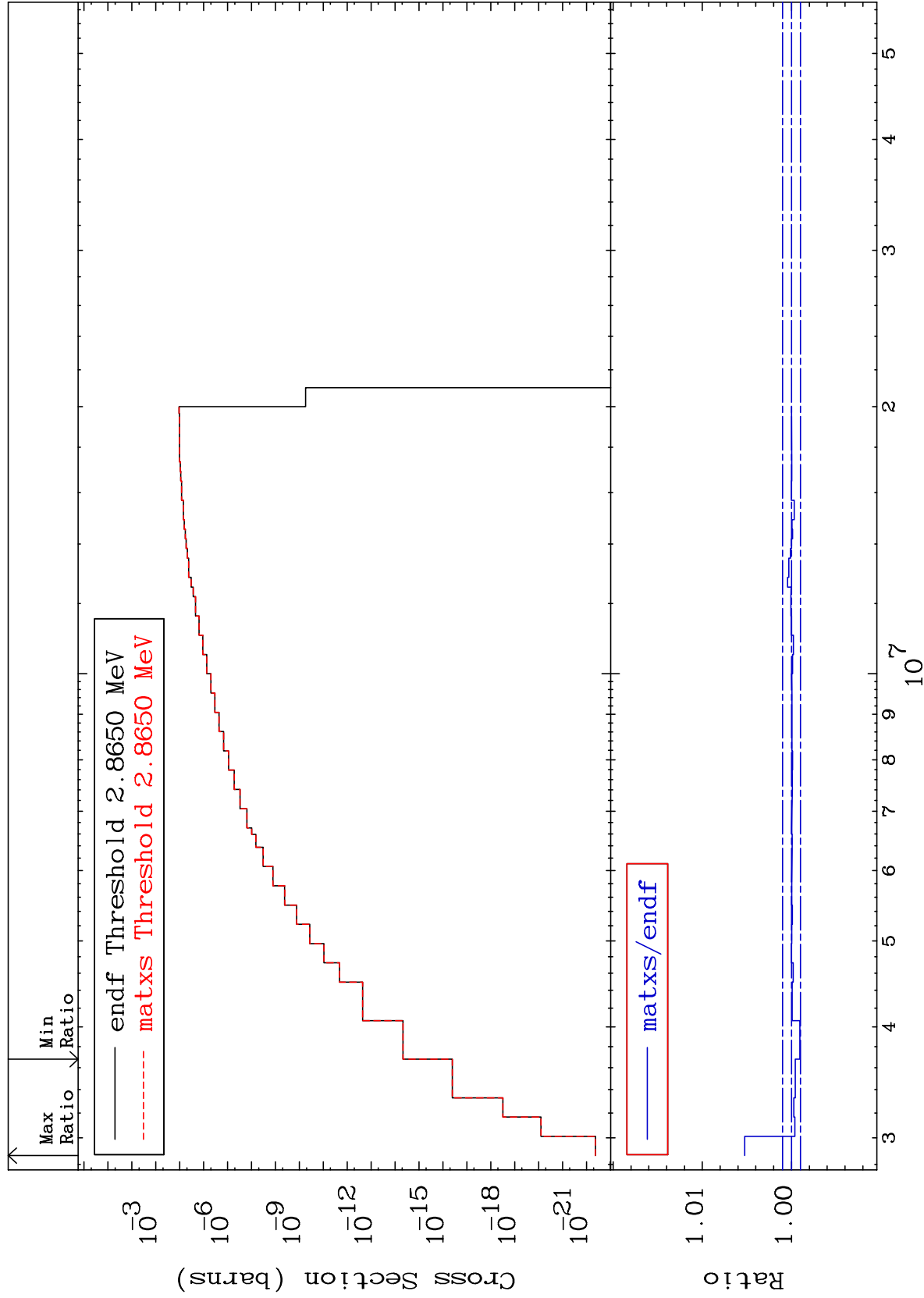
Incident Energy (eV)

82-Pb-206

MAT 8231

1.080 MeV (n,p') Level
Cross Section

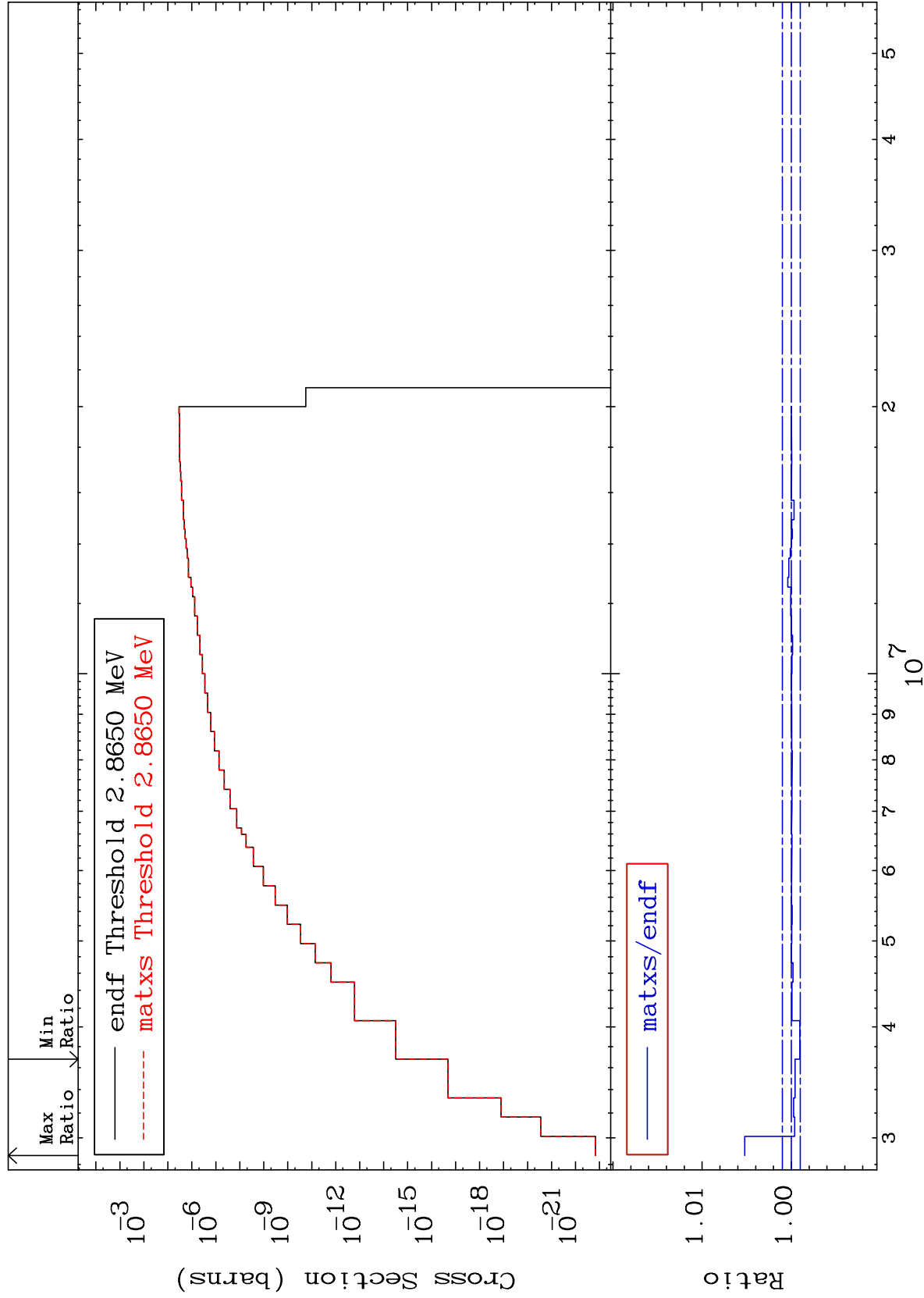
82-Pb-206
-0.093 To 0.524 %



MAT 8231

1.118 MeV (n,p') Level
Cross Section

82-Pb-206
-0.097 To 0.523 %



32

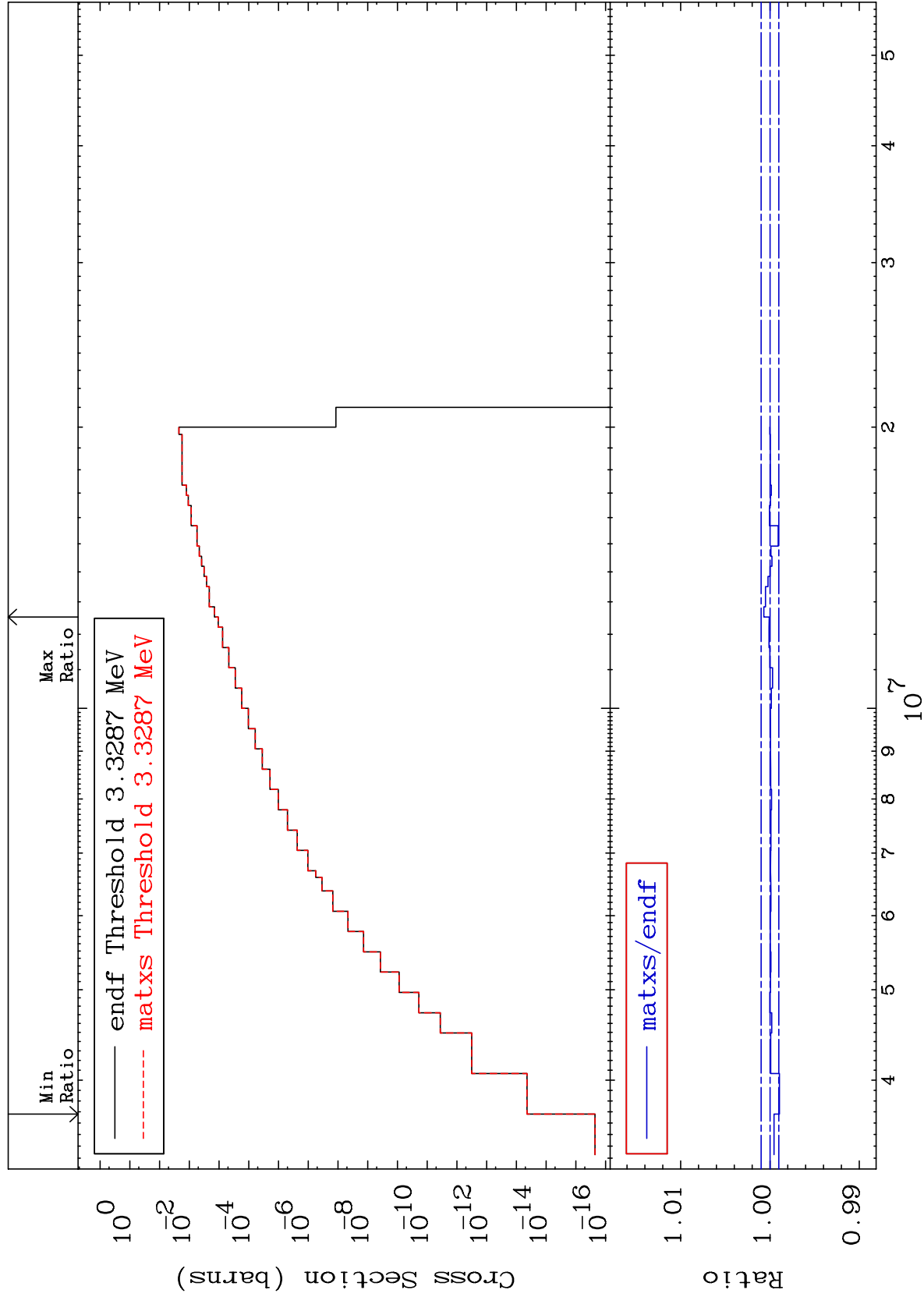
Incident Energy (eV)

82-Pb-206

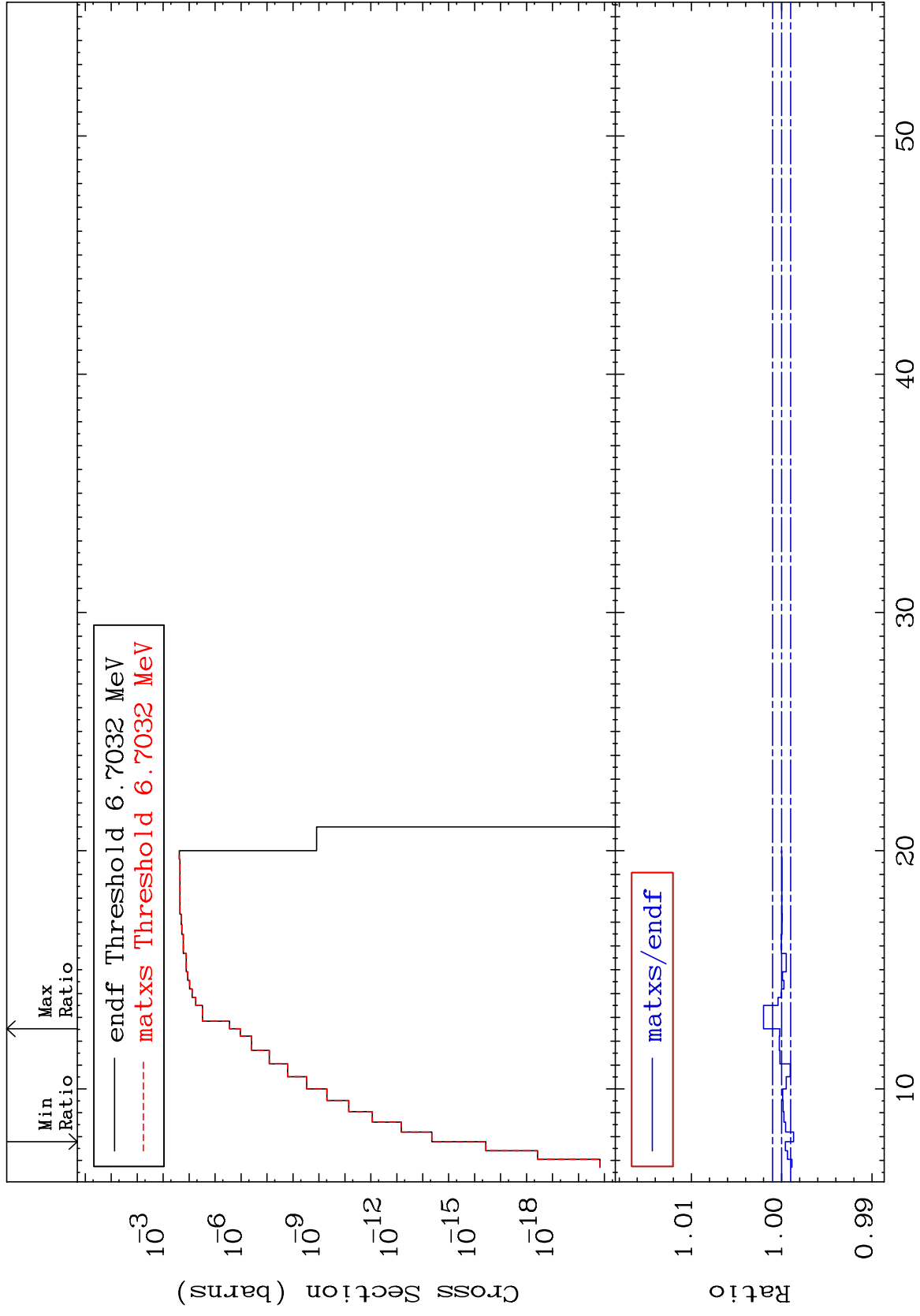
MAT 8231

1.118 MeV (n,p') Level
Cross Section

82-Pb-206
-0.106 To 0.068 %



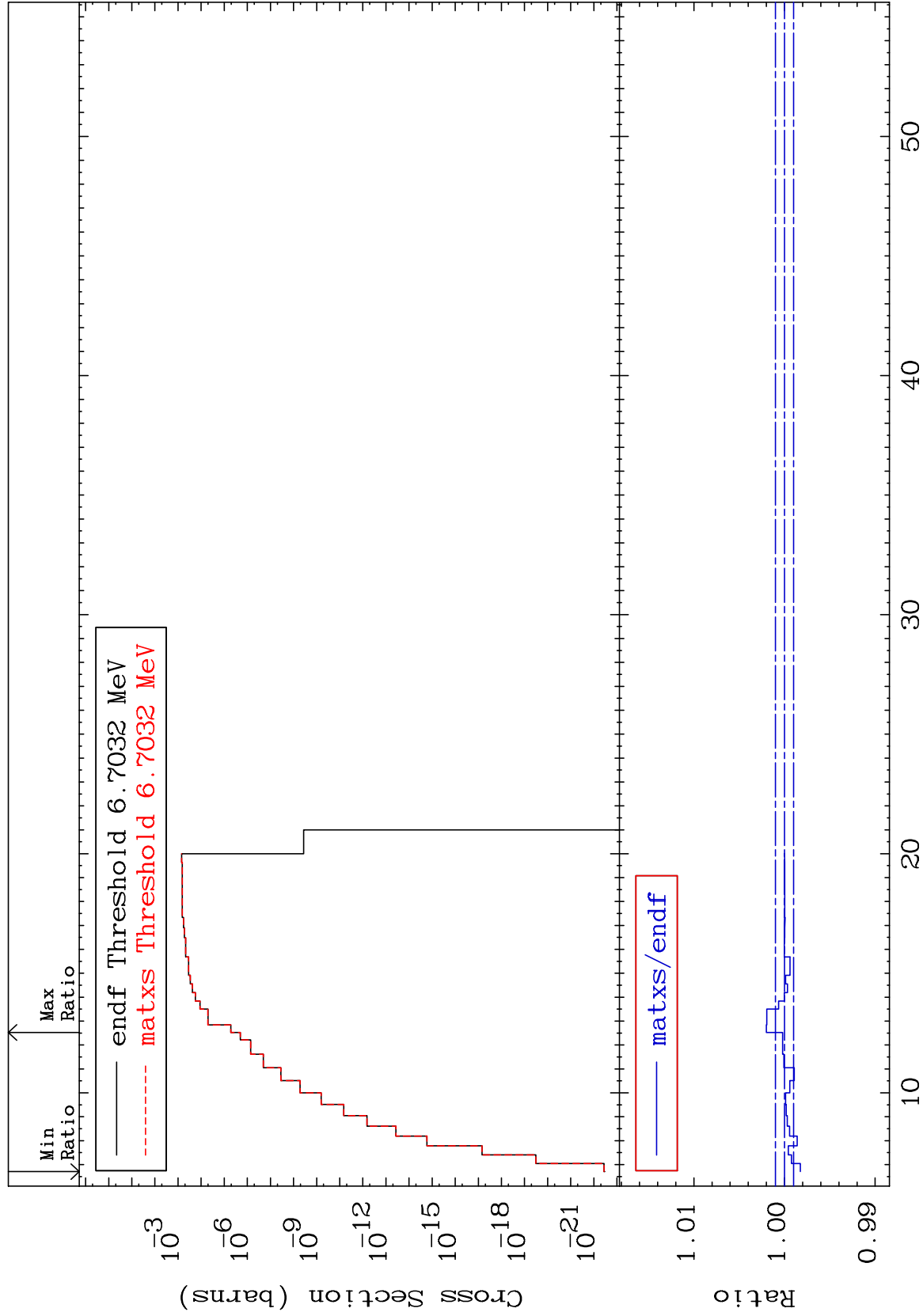
MAT 8231 (n, d') Ground Cross Section 82-Pb-206 -0.132 To 0.201 %



MAT 8231

203.8 keV (n,d') Level
Cross Section

82-Pb-206
-0.174 To 0.200 %



35

Incident Energy (MeV)

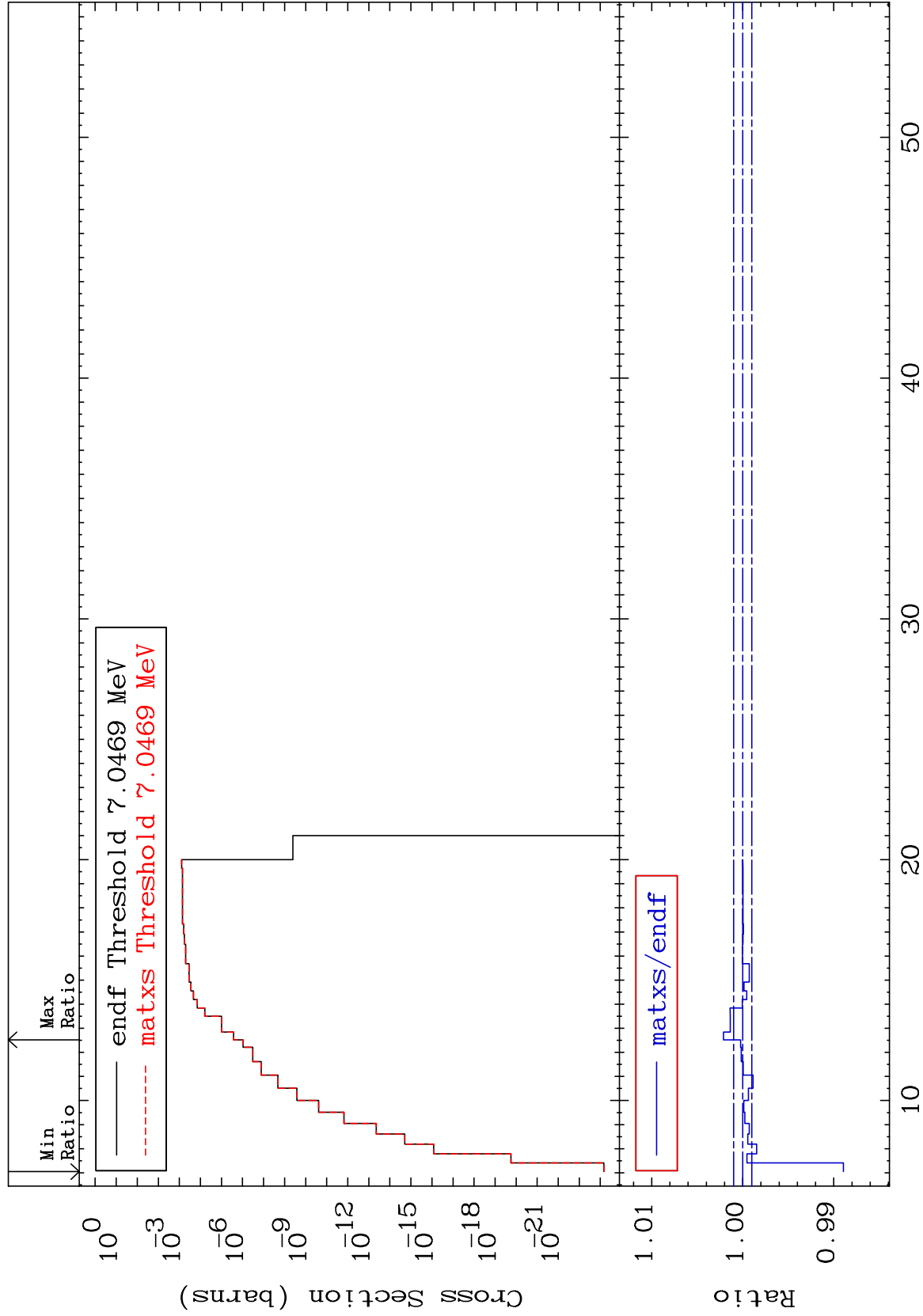
50

82-Pb-206

MAT 8231

619.4 keV (n,d') Level
Cross Section

82-Pb-206
-1.105 To 0.212 %



36

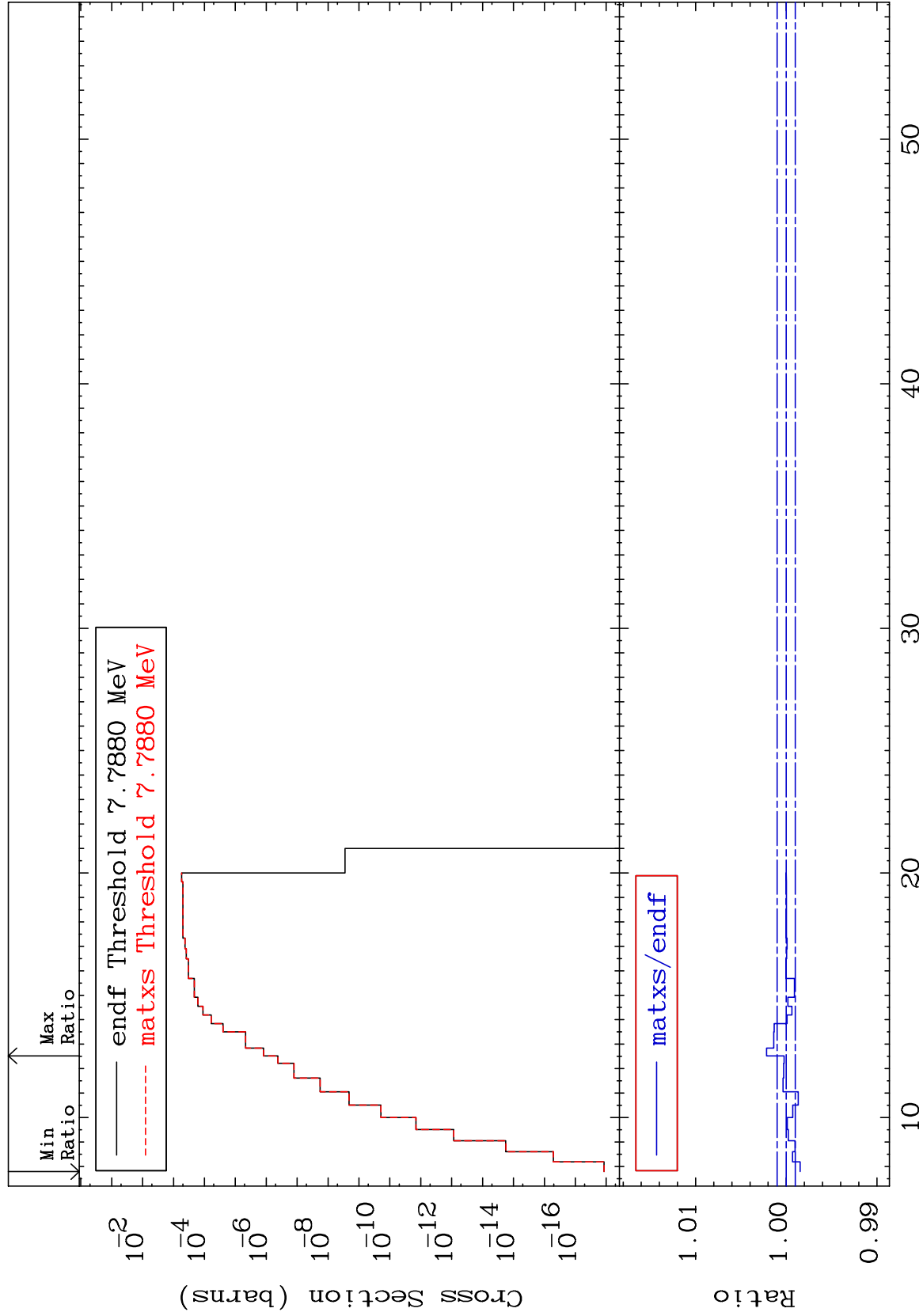
Incident Energy (MeV)

82-Pb-206

MAT 8231

923.8 keV (n,d') Level
Cross Section

82-Pb-206
-0.154 To 0.217 %



37

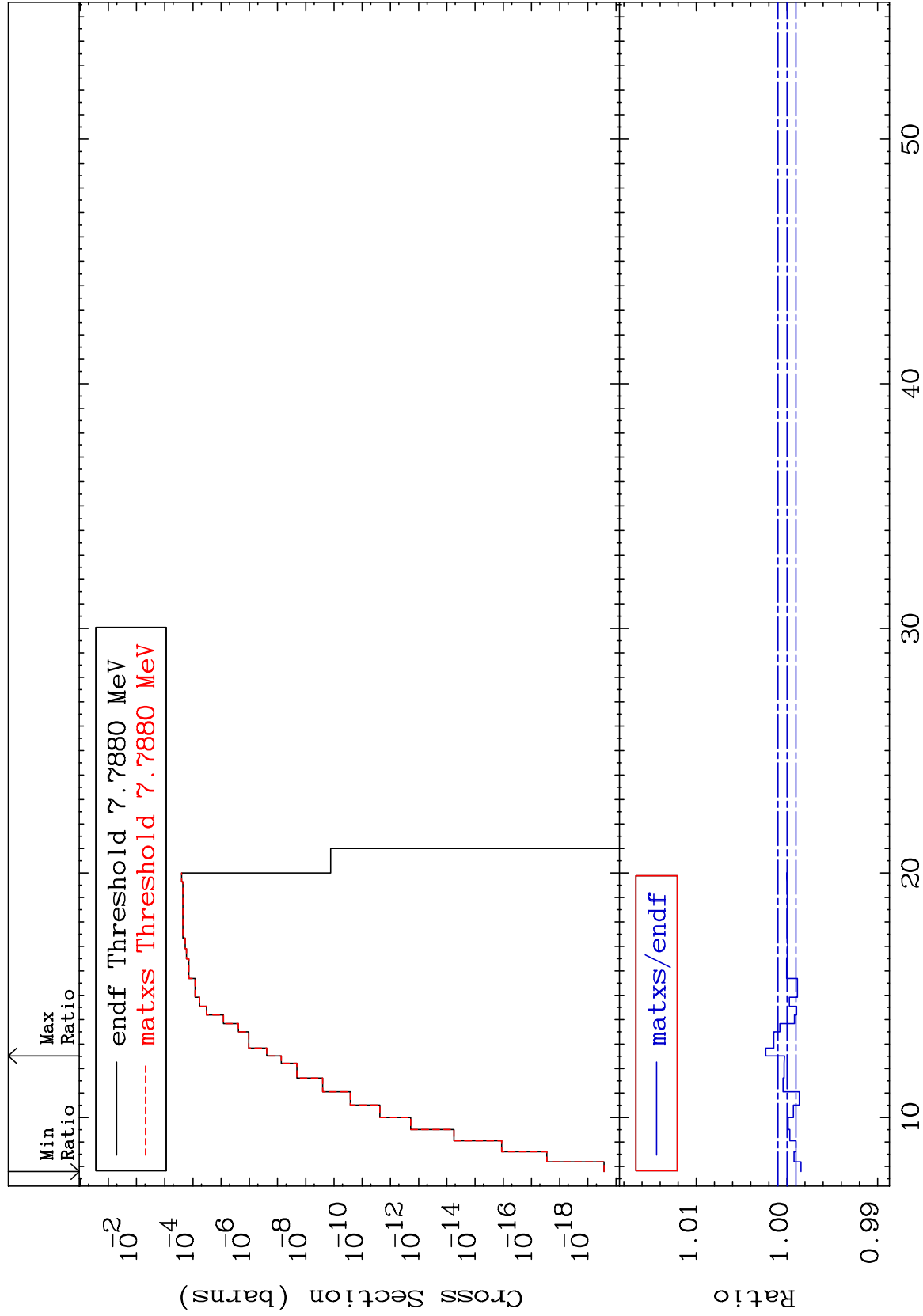
Incident Energy (MeV)

82-Pb-206

MAT 8231

1.141 MeV (n,d') Level
Cross Section

82-Pb-206
-0.154 To 0.233 %



38

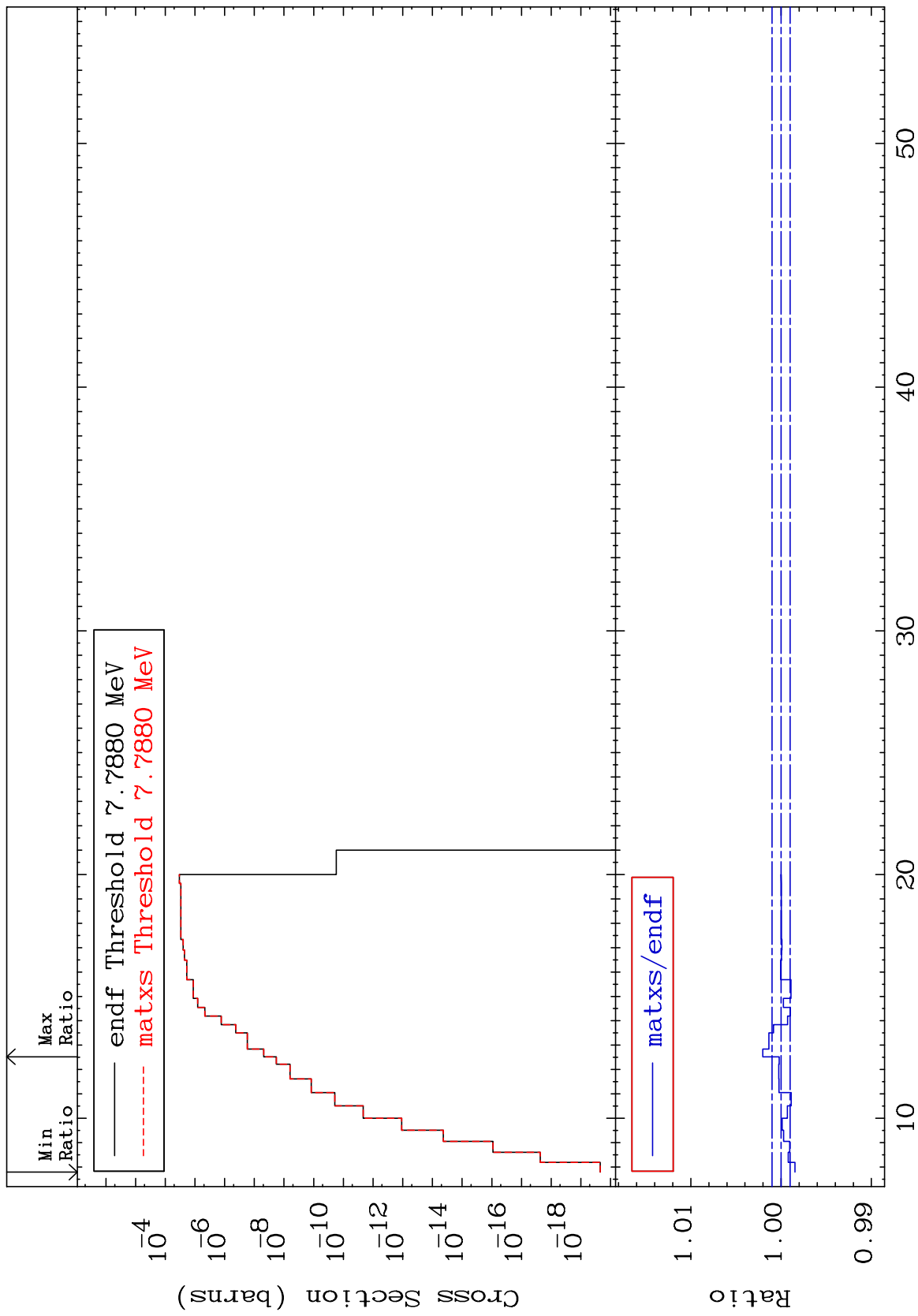
Incident Energy (MeV)

82-Pb-206

MAT 8231

1.174 MeV (n,d') Level
Cross Section

82-Pb-206
-0.154 To 0.203 %



39

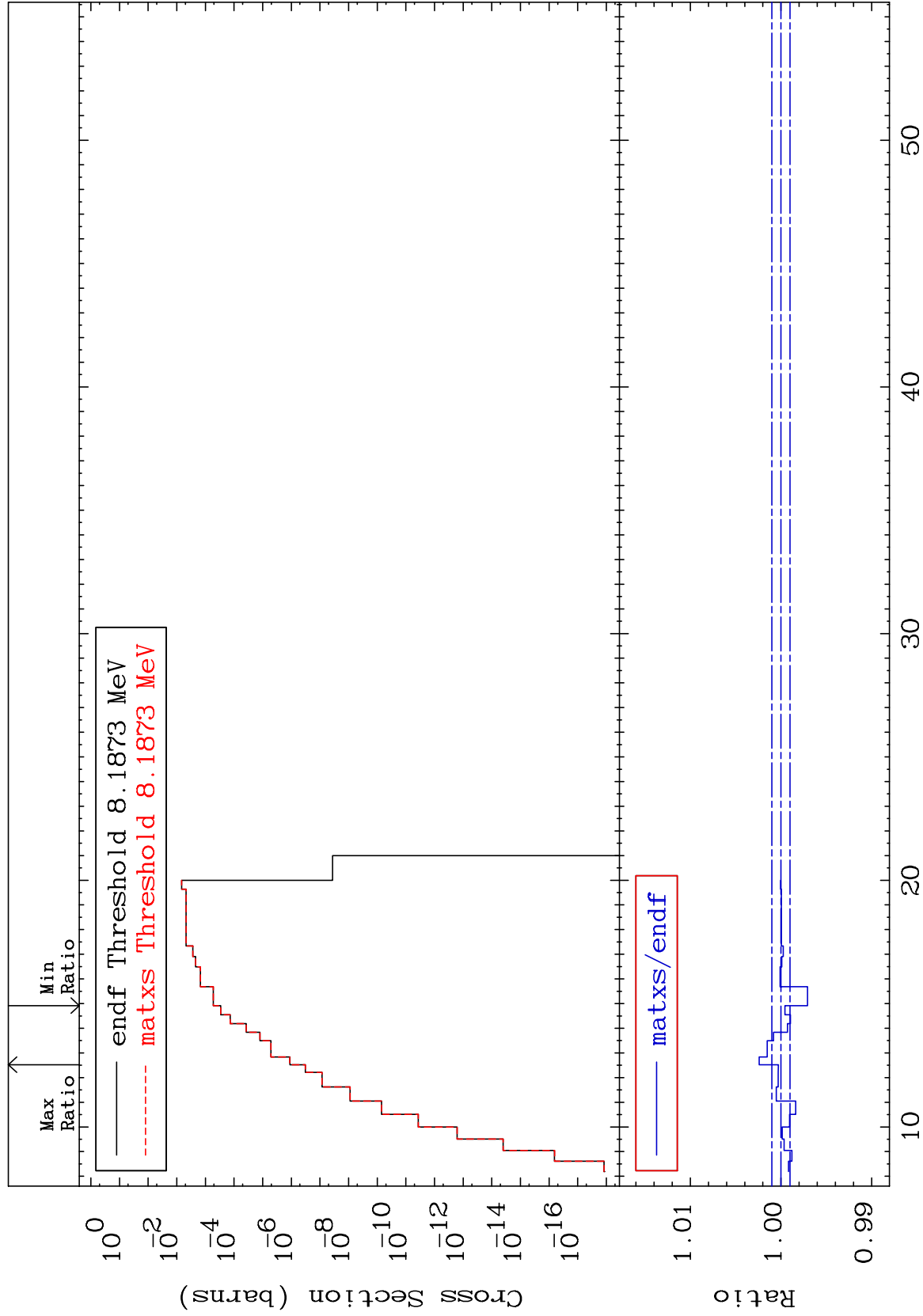
Incident Energy (MeV)

82-Pb-206

MAT 8231

1.174 MeV (n,d') Level
Cross Section

82-Pb-206
-0.294 To 0.241 %



40

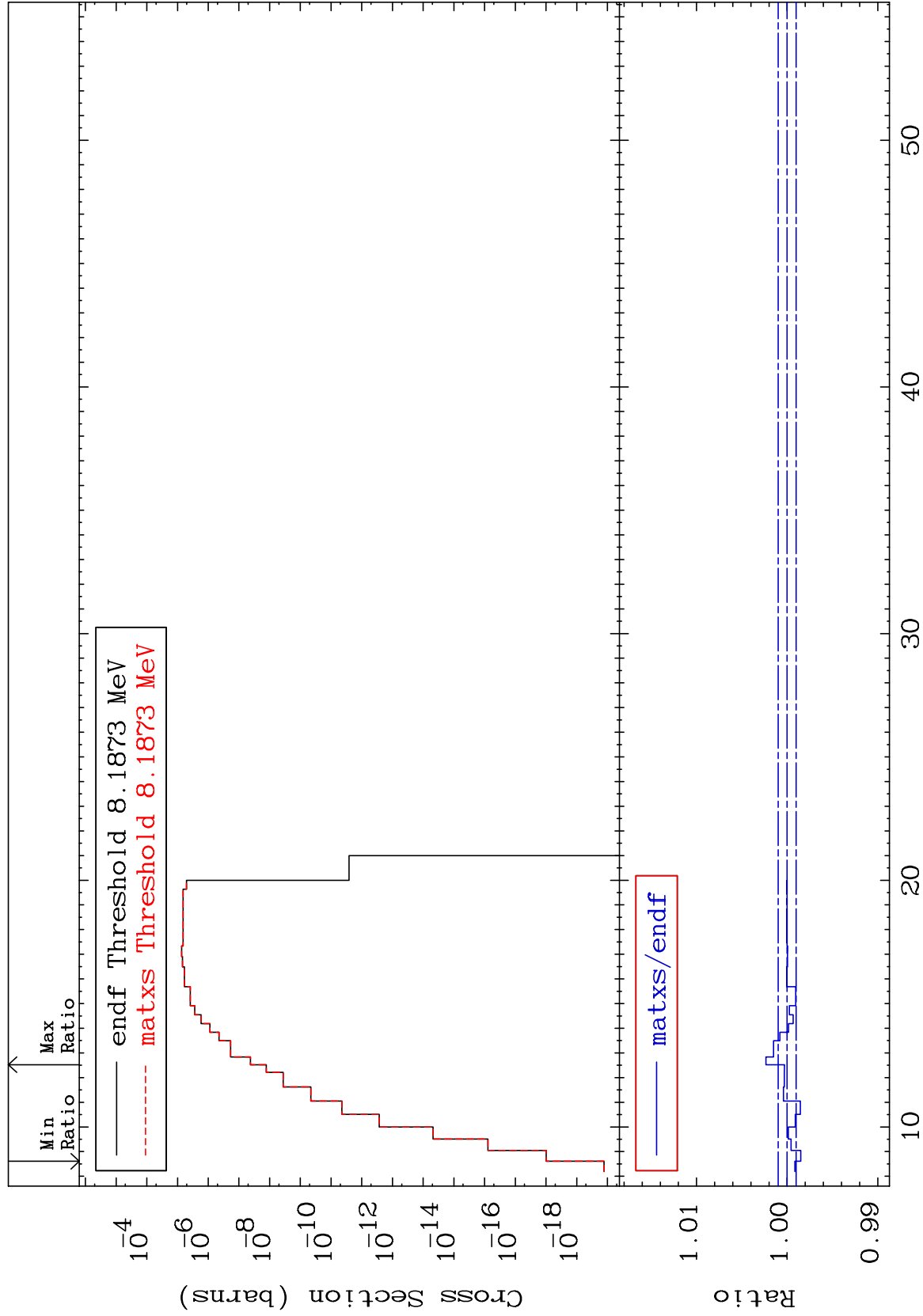
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n, t') Ground
Cross Section

82-Pb-206
-0.150 To 0.233 %



41

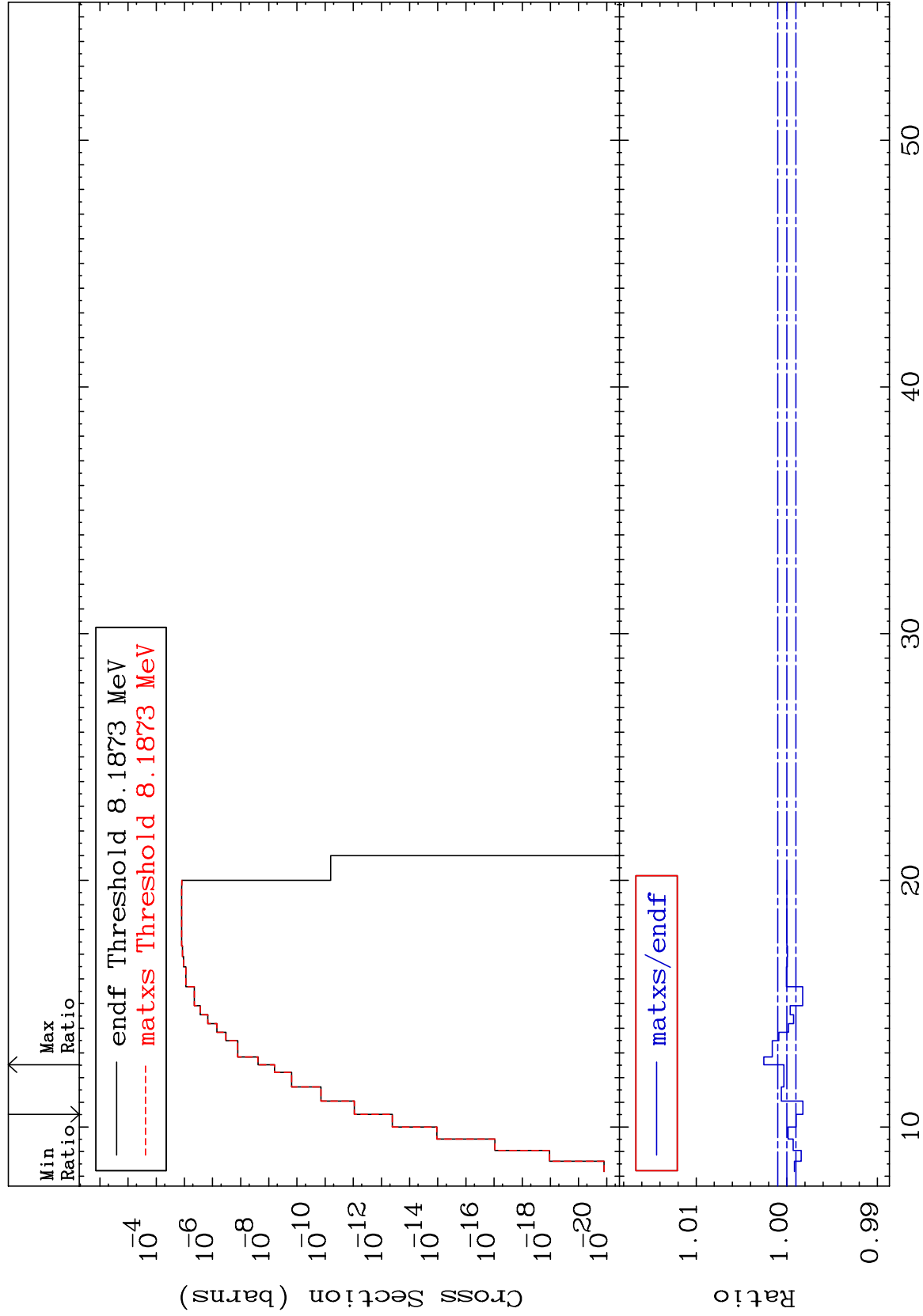
Incident Energy (MeV)

82-Pb-206

MAT 8231

140.0 keV (n,t') Level
Cross Section

82-Pb-206
-0.178 To 0.254 %



42

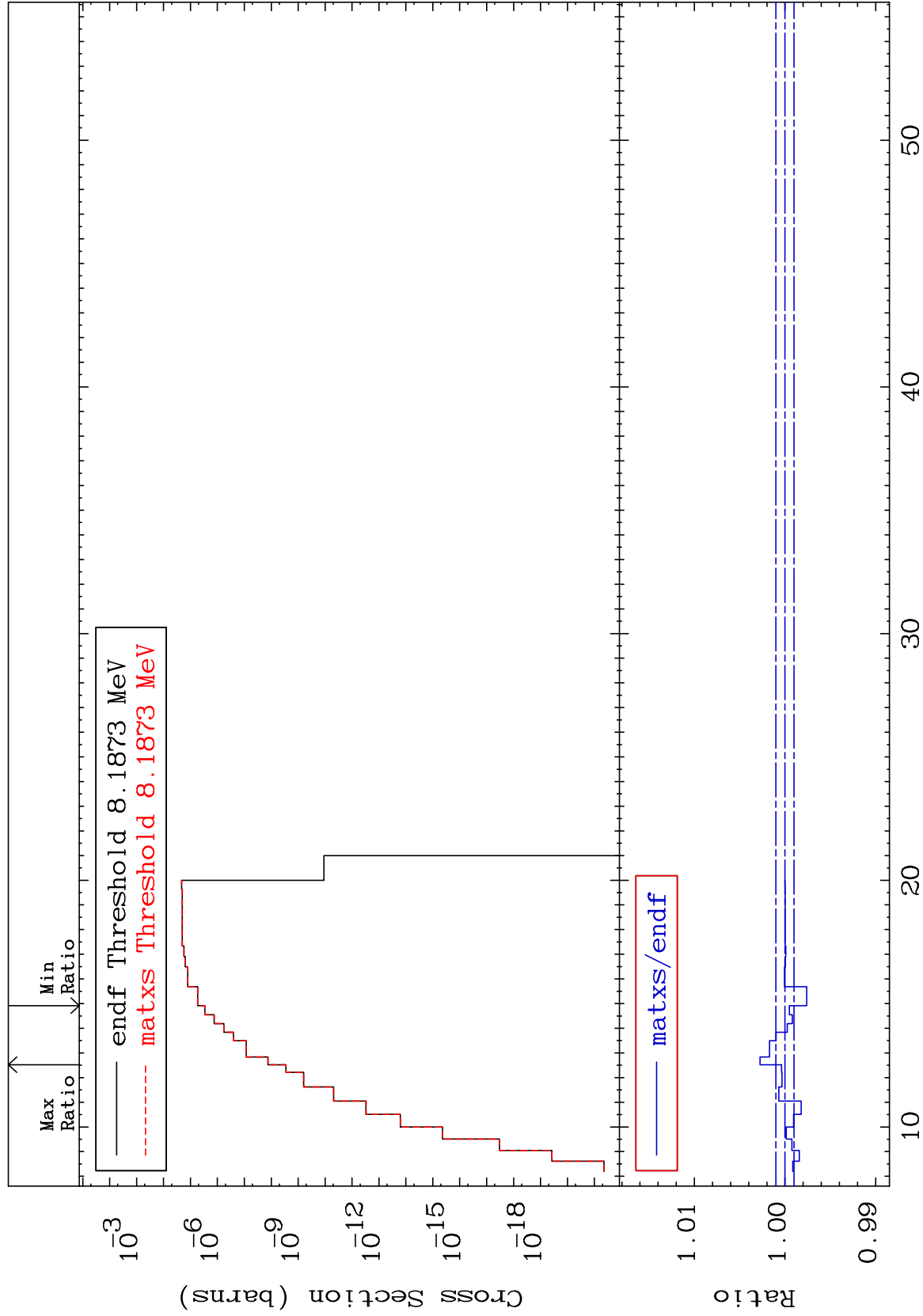
Incident Energy (MeV)

82-Pb-206

MAT 8231

146.0 keV (n,t') Level
Cross Section

82-Pb-206
-0.239 To 0.275 %



43

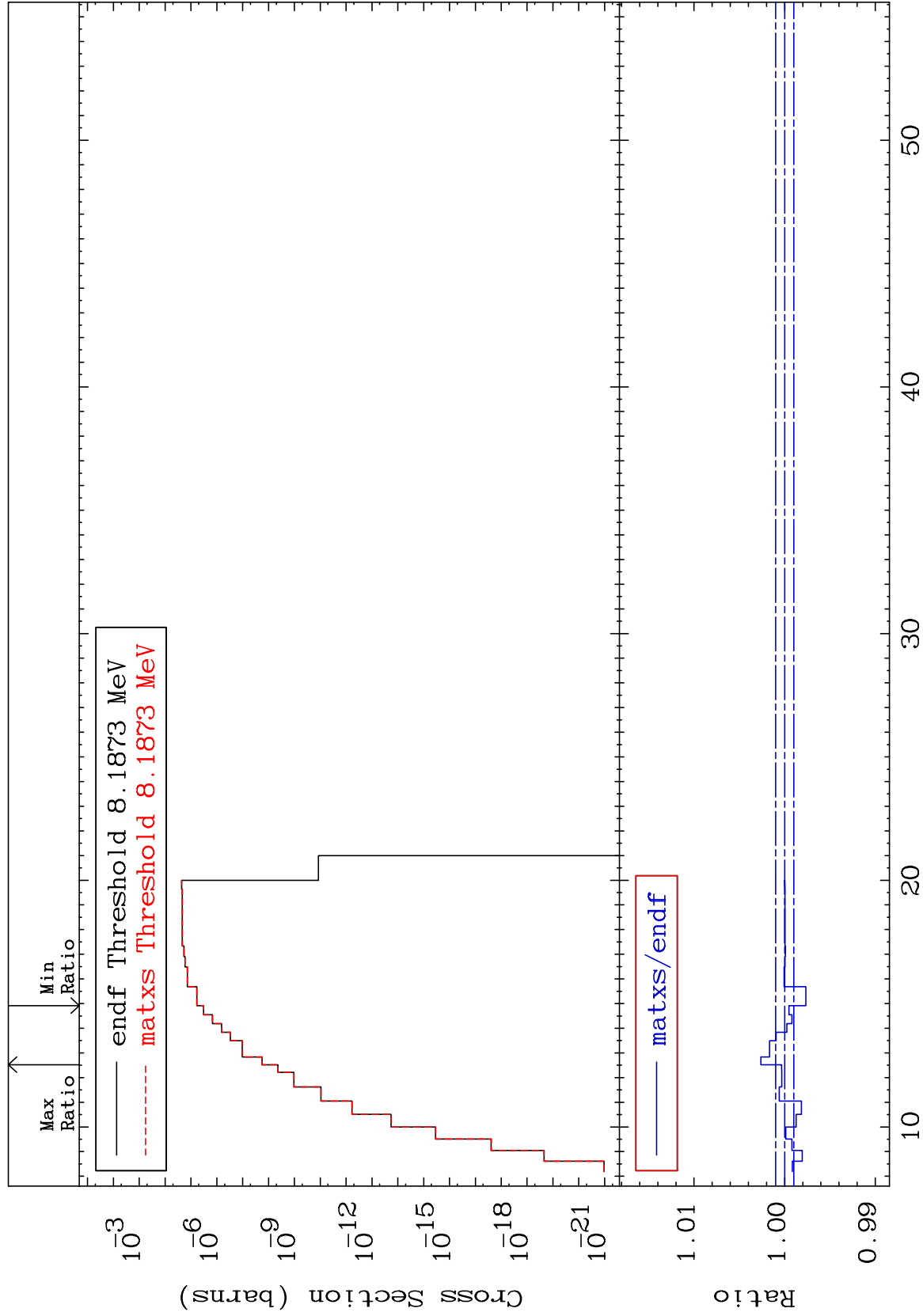
Incident Energy (MeV)

82-Pb-206

MAT 8231

300.2 keV (n, t') Level
Cross Section

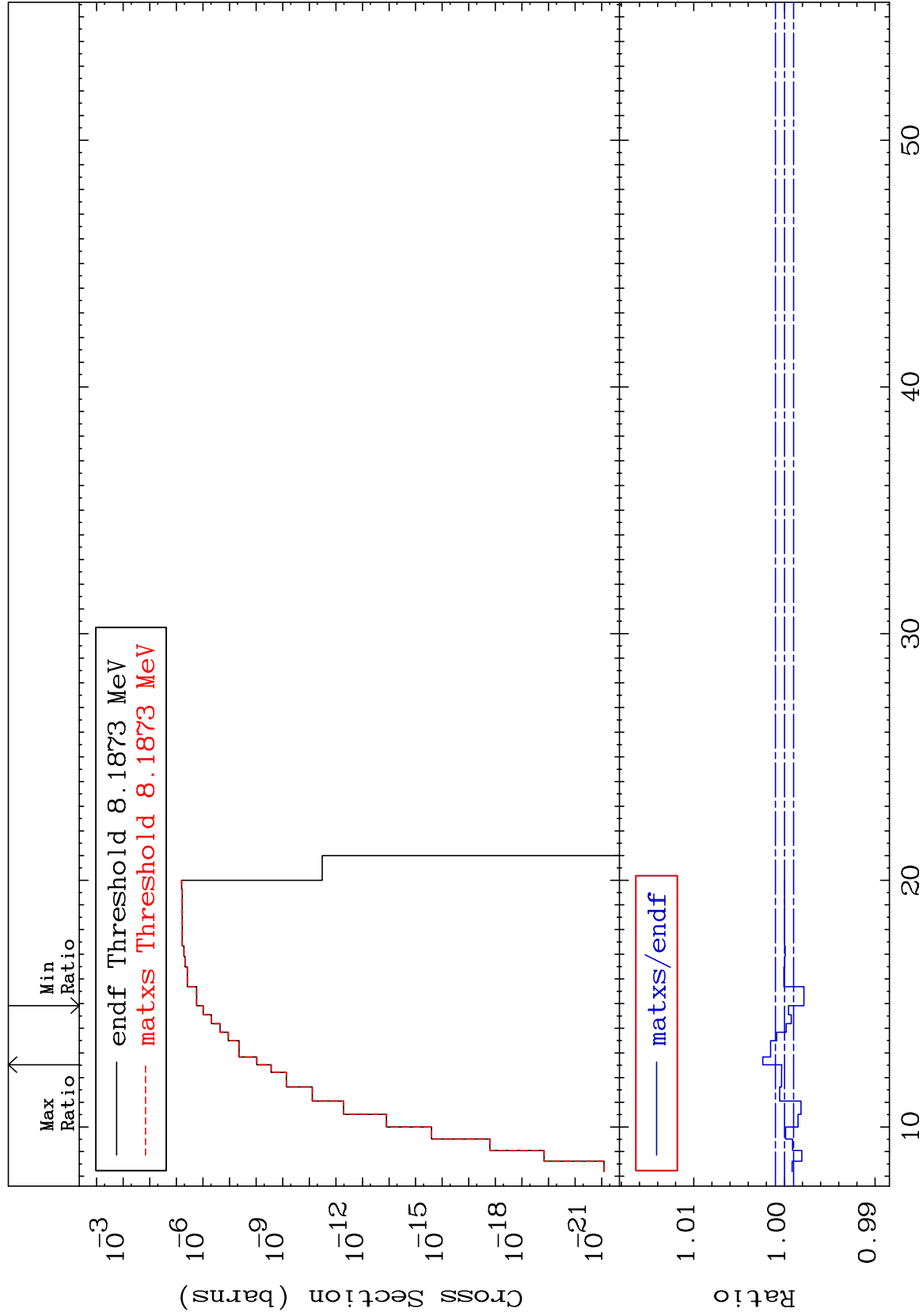
82-Pb-206
-0.234 To 0.262 %



MAT 8231

319.0 keV (n, t') Level
Cross Section

82-Pb-206
-0.216 To 0.239 %



45

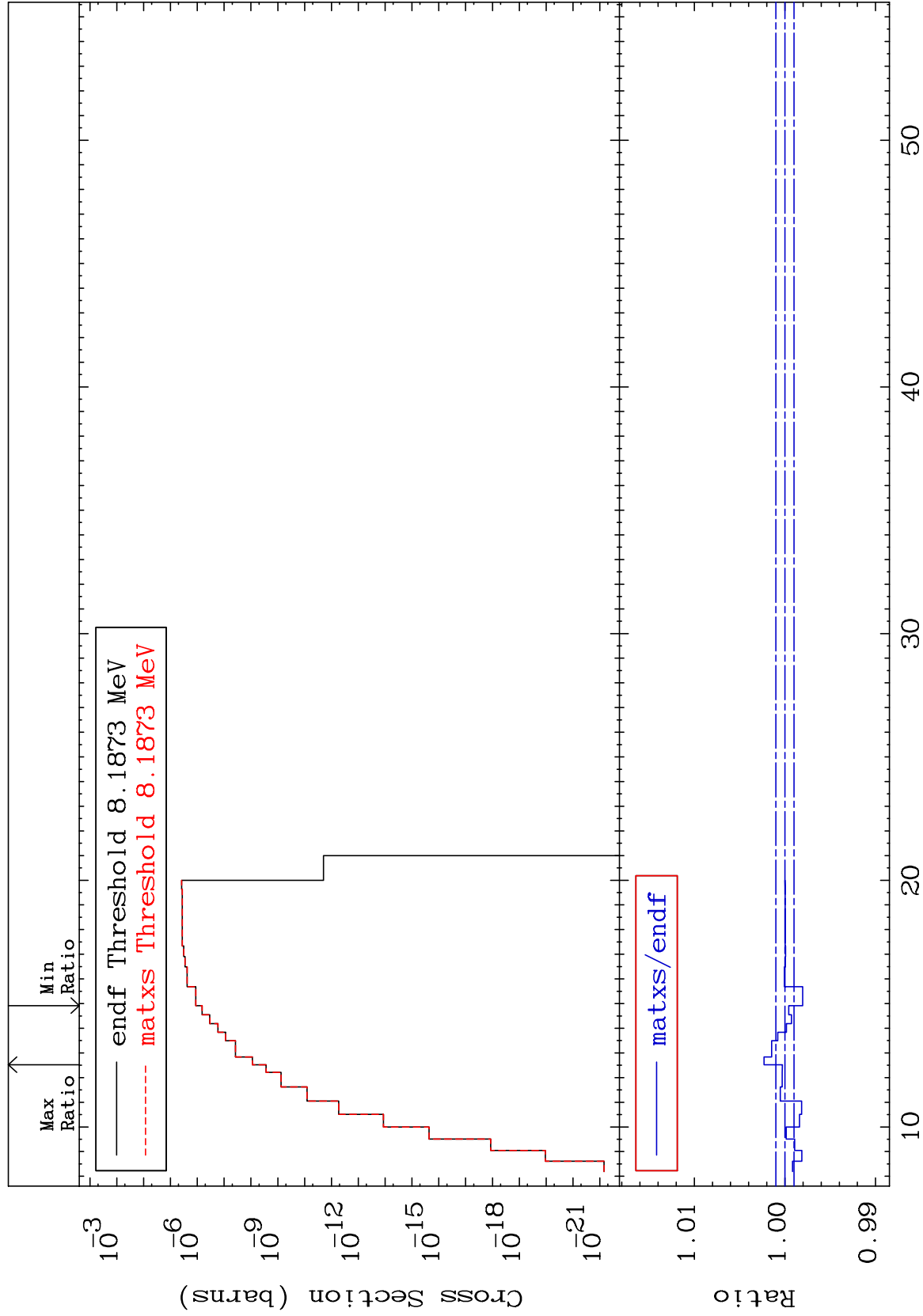
Incident Energy (MeV)

82-Pb-206

MAT 8231

347.9 keV (n, t') Level
Cross Section

82-Pb-206
-0.197 To 0.231 %



46

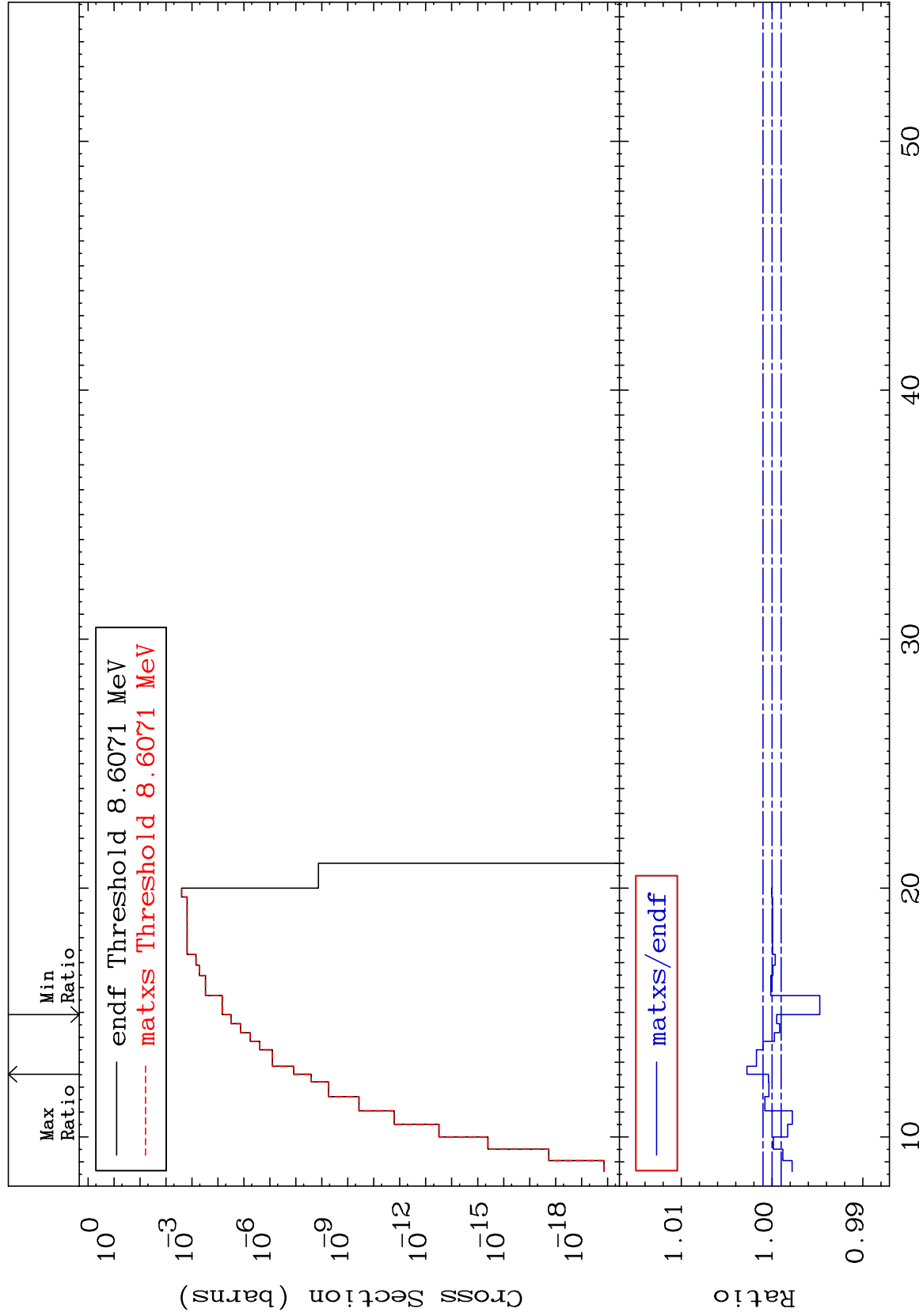
Incident Energy (MeV)

82-Pb-206

MAT 8231

347.9 keV (n,t') Level
Cross Section

82-Pb-206
-0.526 To 0.276 %



47

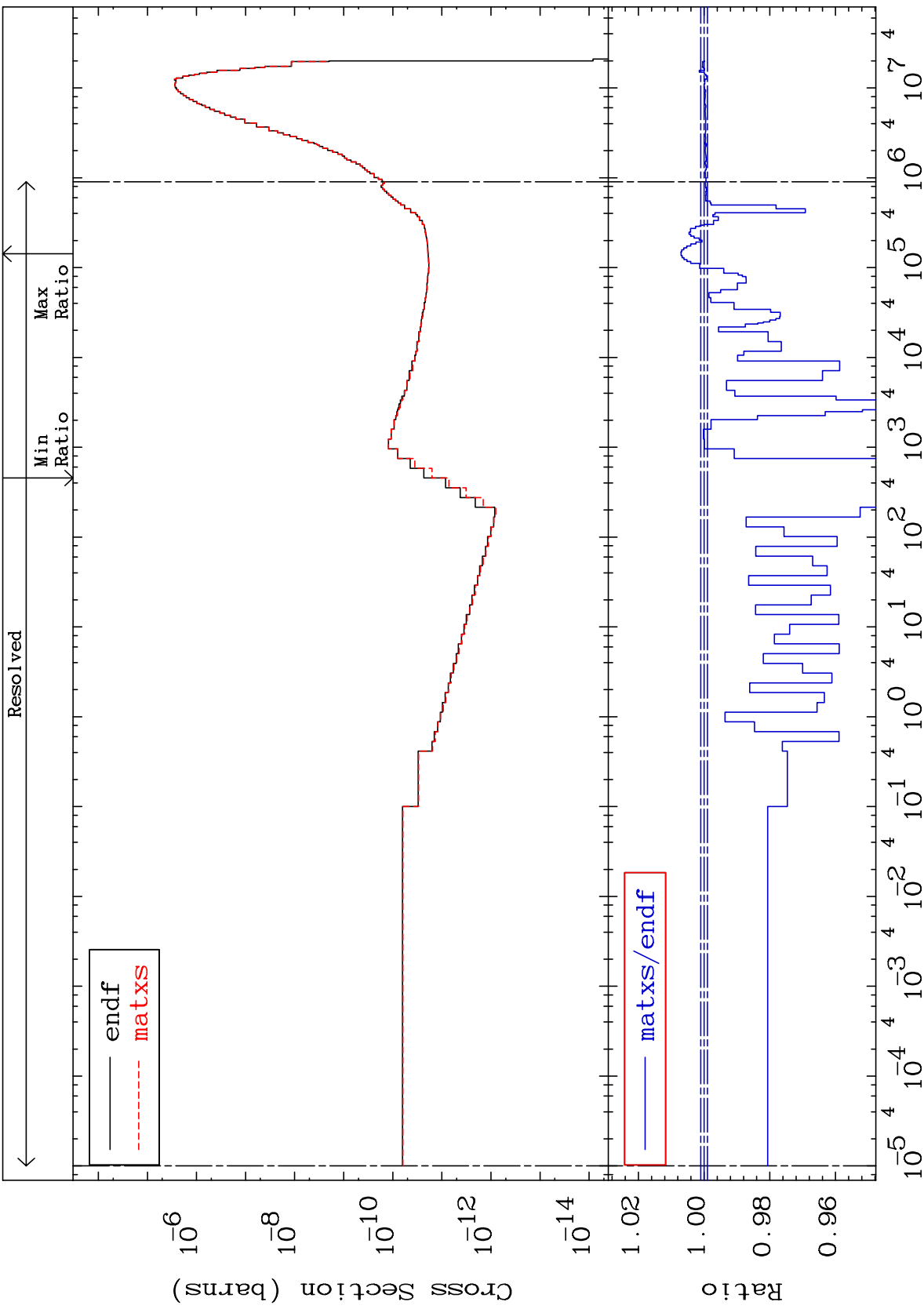
Incident Energy (MeV)

82-Pb-206

MAT 8231

(n, α') Ground
Cross Section

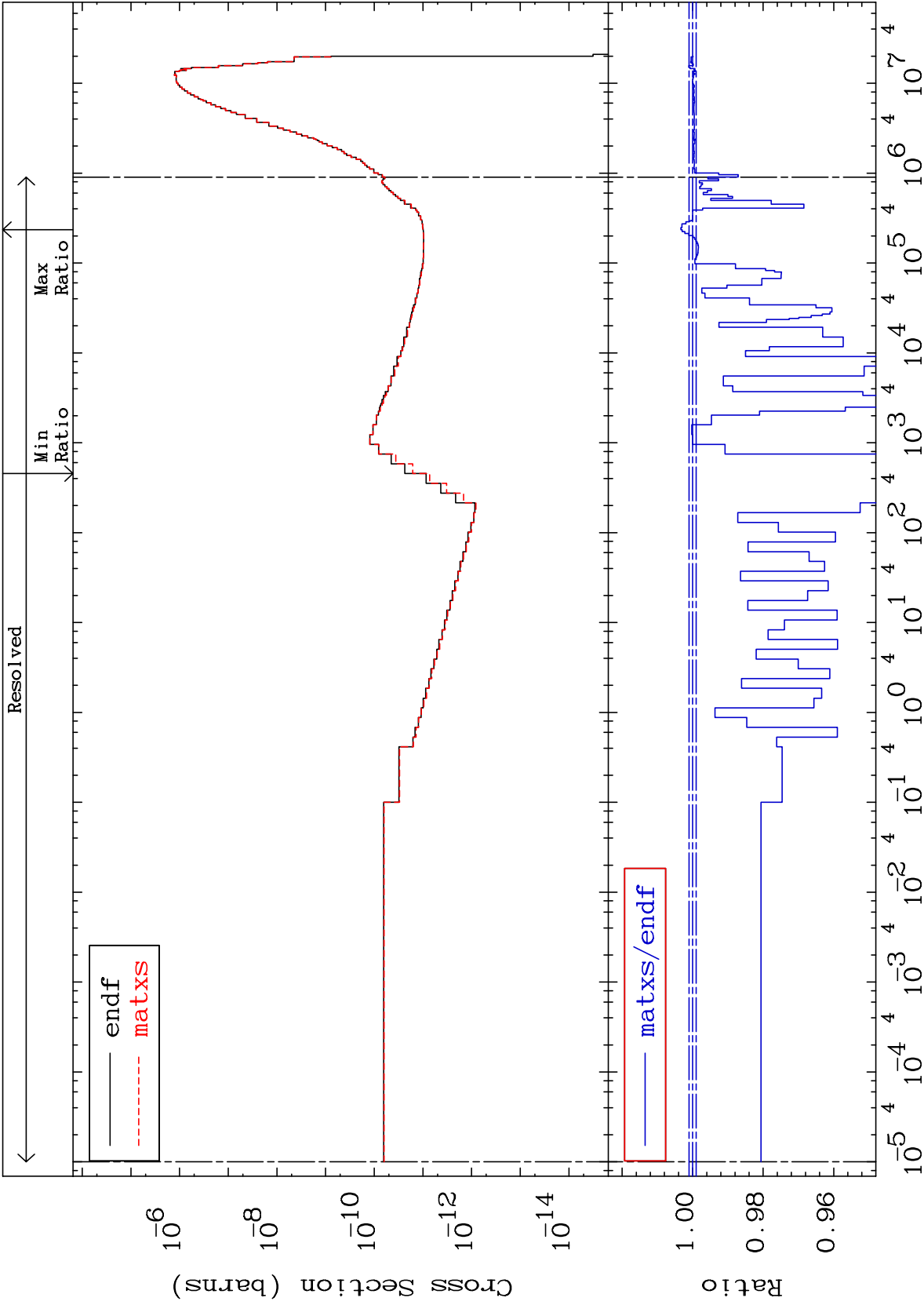
82-Pb-206
-31.63 To 0.706 %



MAT 8231

7.500 keV (n,α') Level
Cross Section

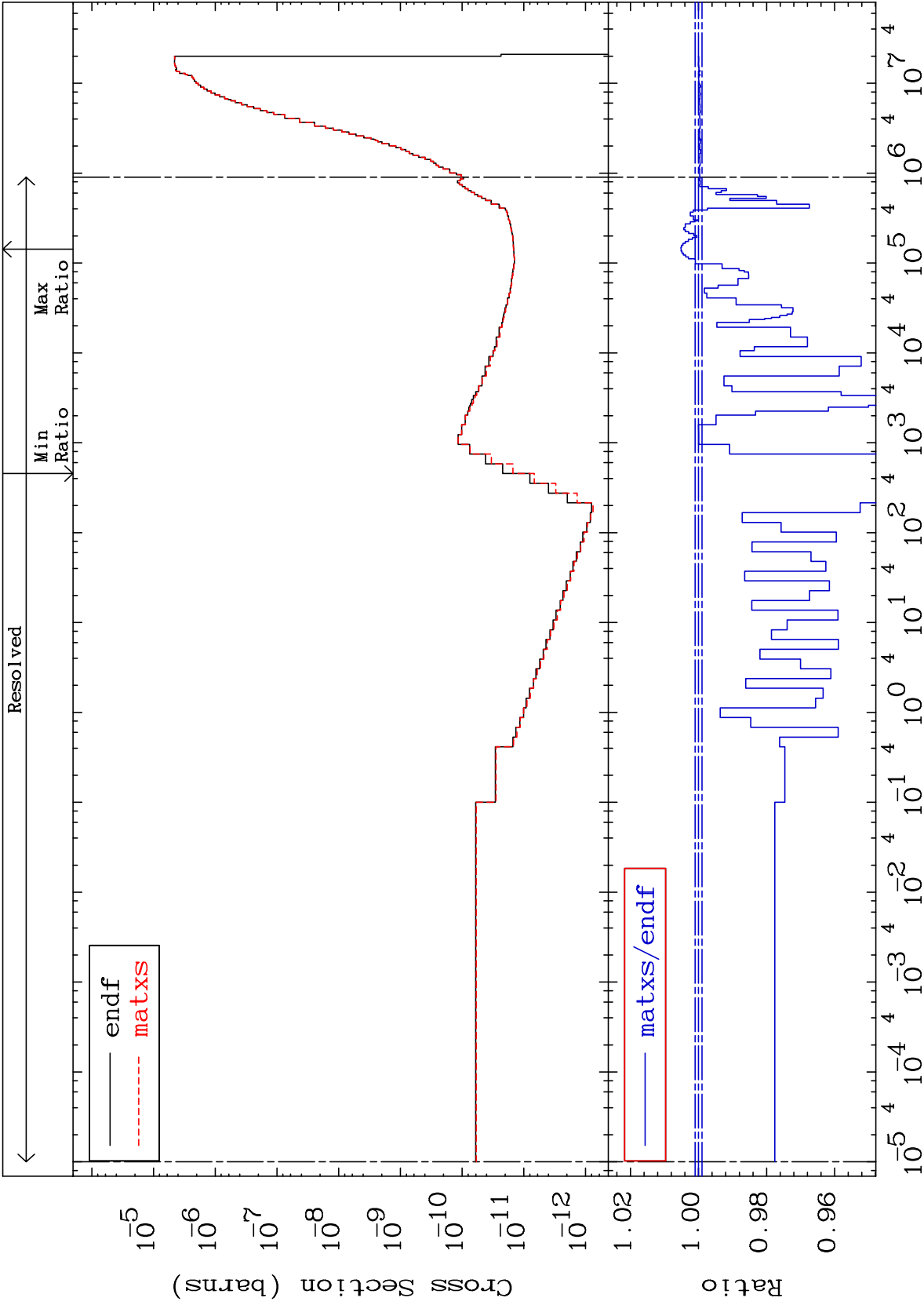
82-Pb-206
-31.63 To 0.332 %



MAT 8231

50.50 keV (n, α') Level
Cross Section

82-Pb-206
-31.63 To 0.517 %



50

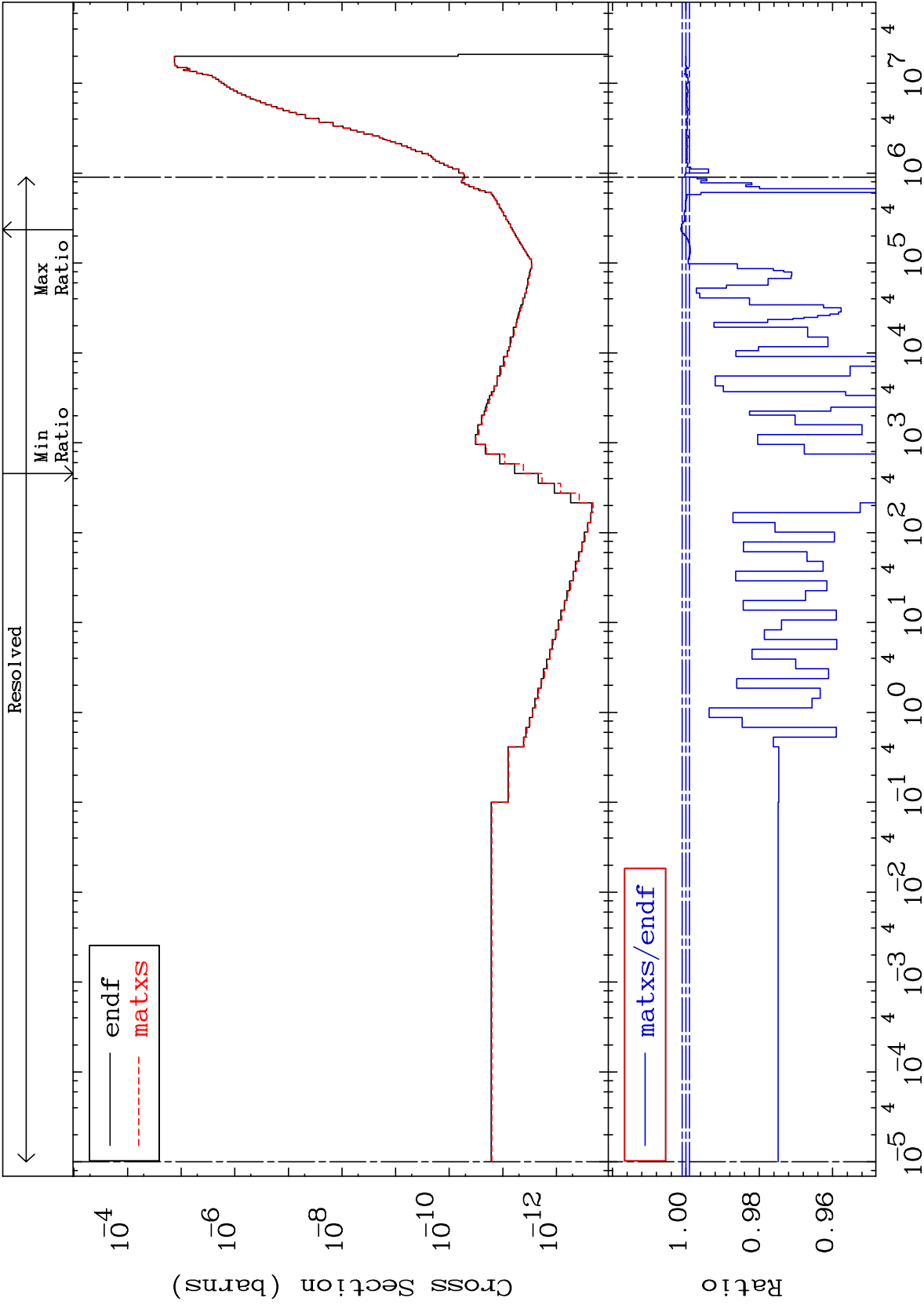
Incident Energy (eV)

82-Pb-206

MAT 8231

225.2 keV (n, α') Level
Cross Section

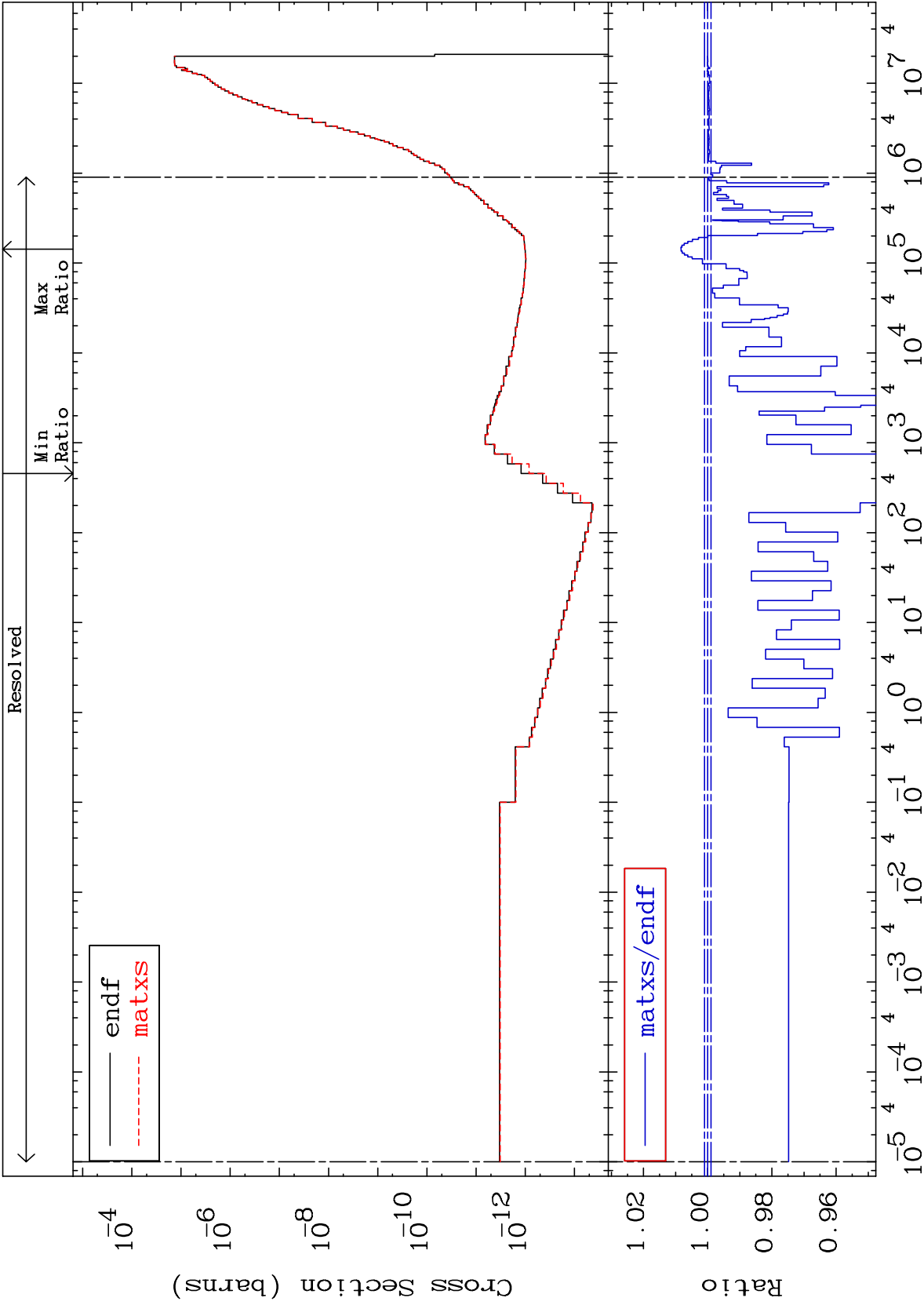
82-Pb-206
-31.63 To 0.134 %



MAT 8231

368.9 keV (n, α') Level
Cross Section

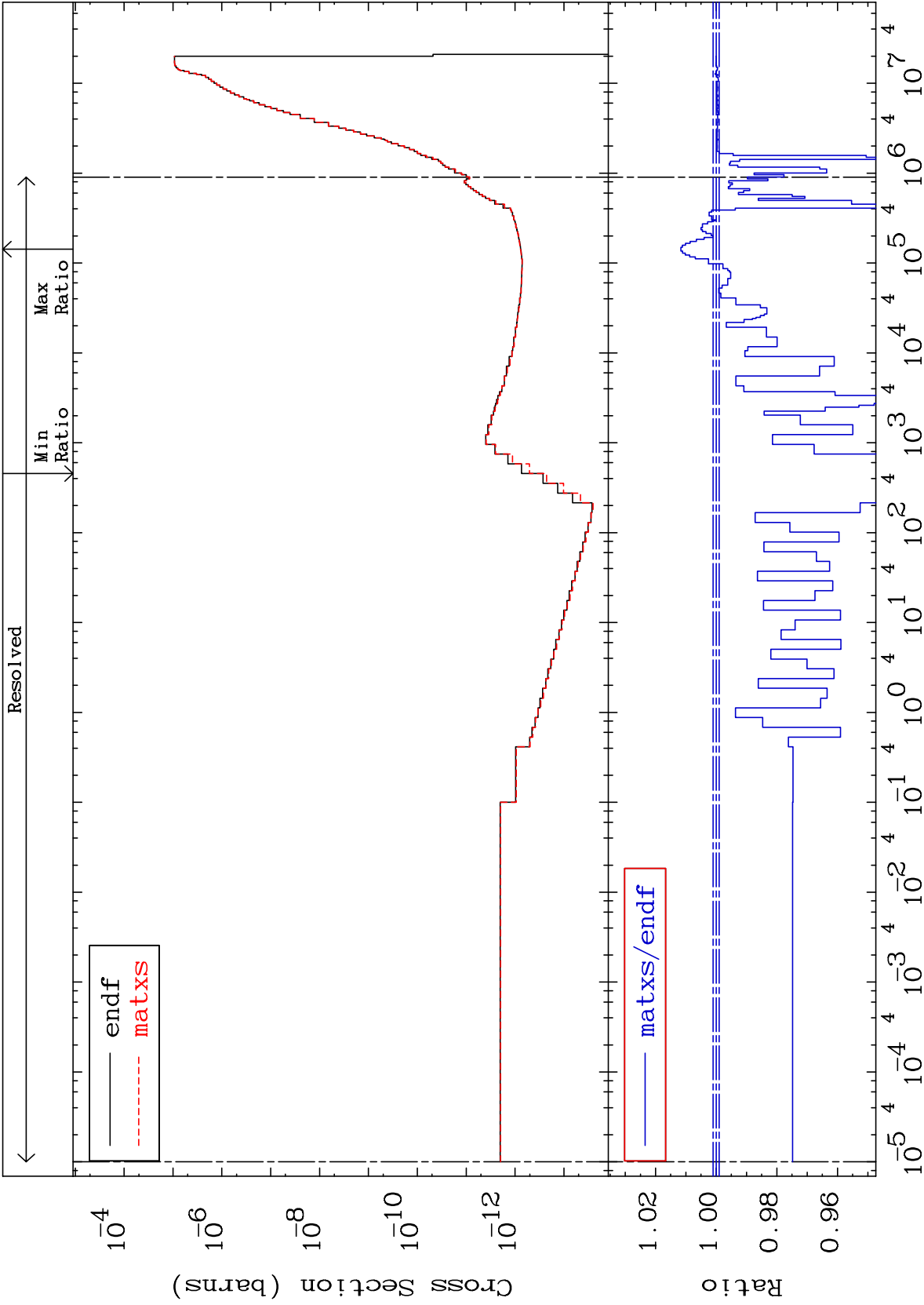
82-Pb-206
-31.63 To 0.834 %



MAT 8231

548.7 keV (n, α') Level
Cross Section

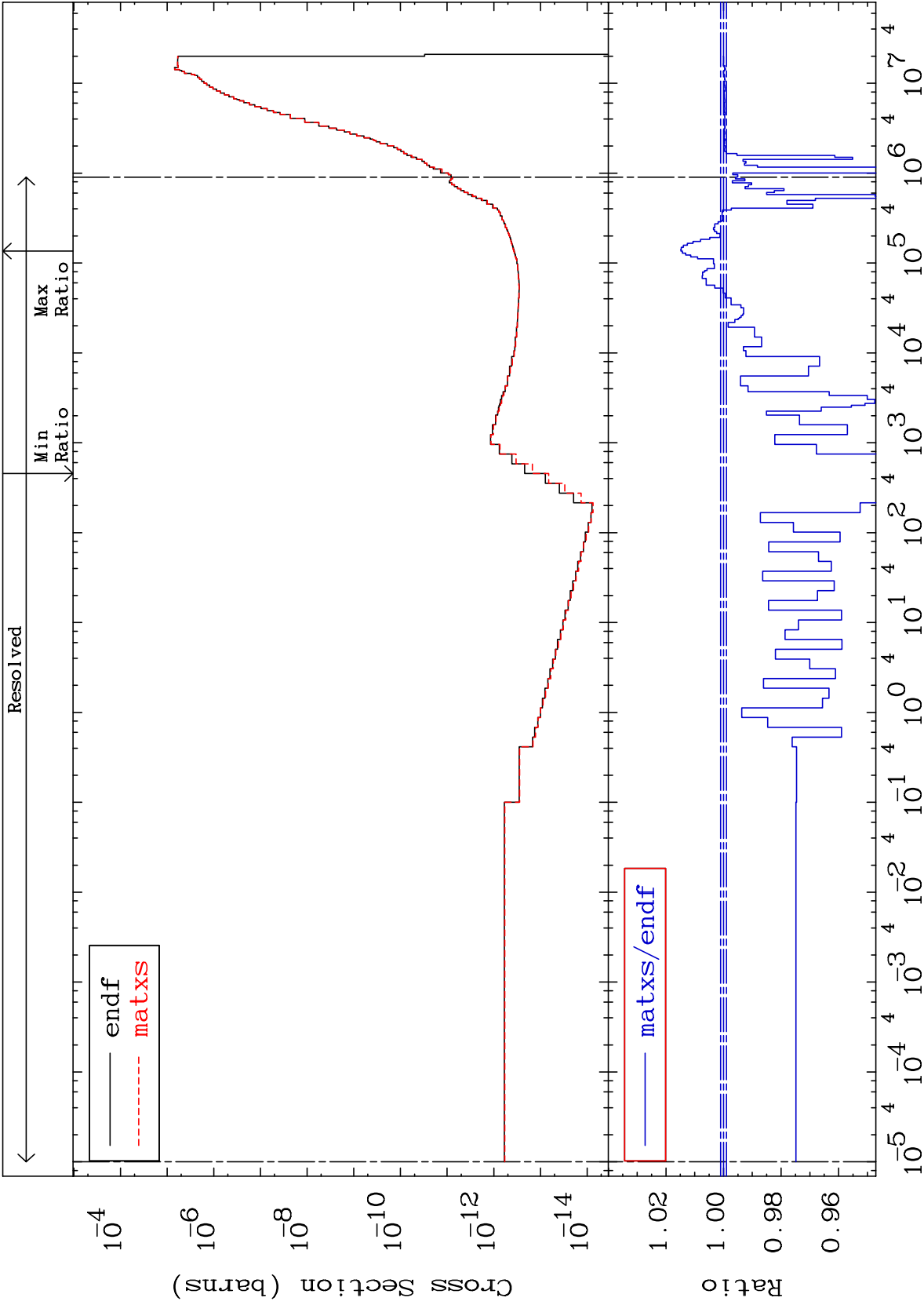
82-Pb-206
-31.63 To 1.163 %



MAT 8231

591.5 keV (n, α') Level
Cross Section

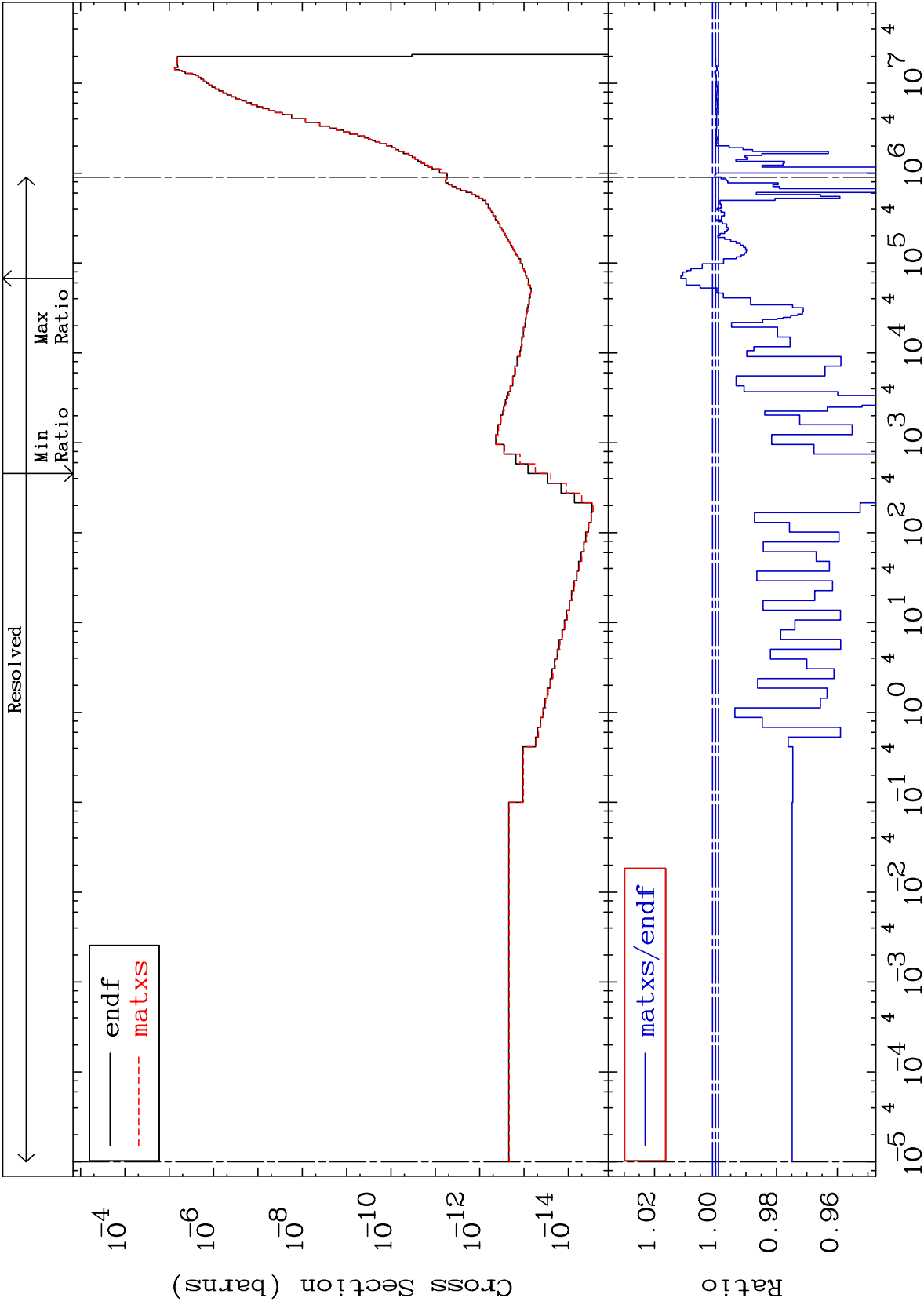
82-Pb-206
-31.63 To 1.480 %



MAT 8231

690.0 keV (n, α') Level
Cross Section

82-Pb-206
-31.63 To 1.135 %



55

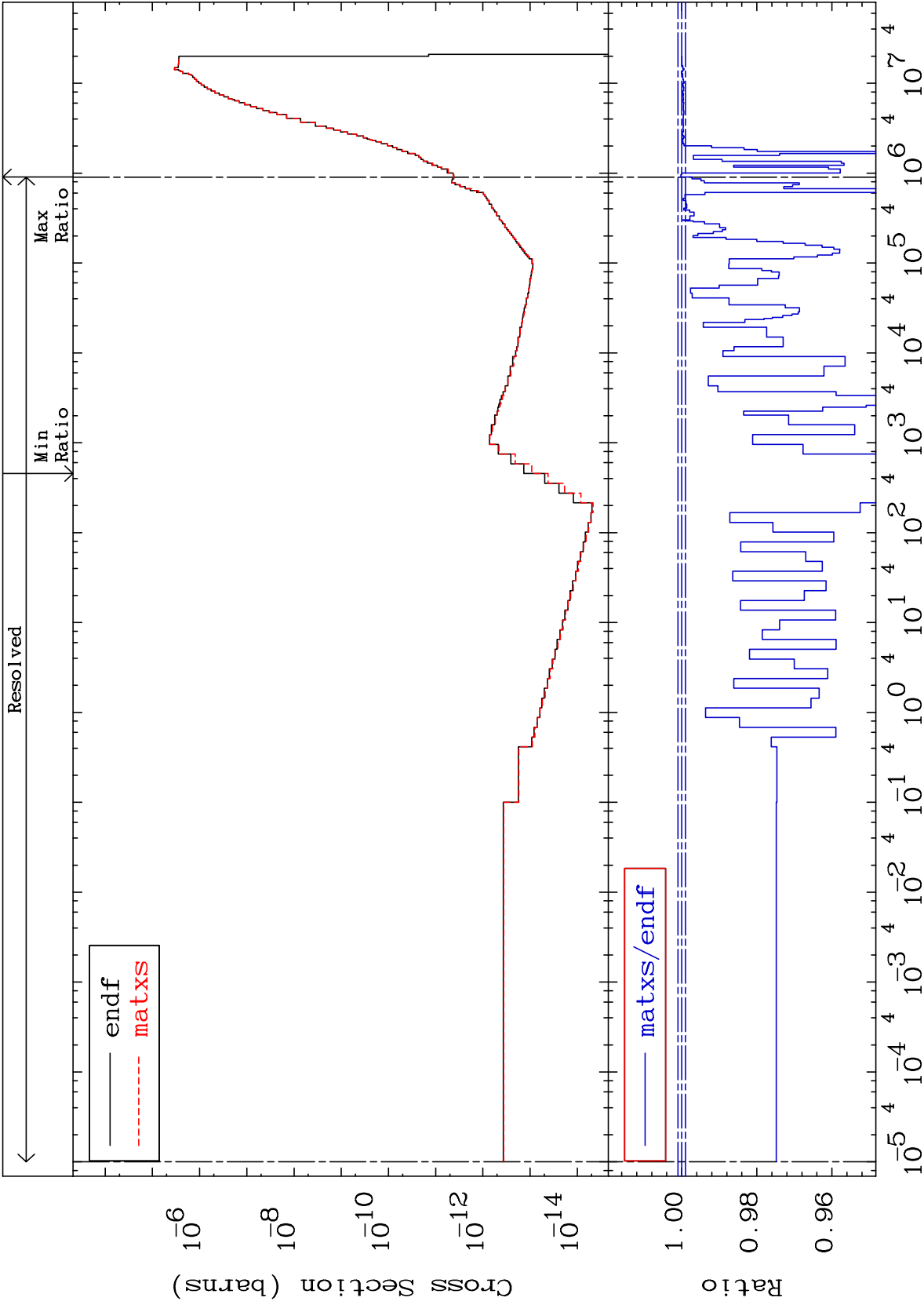
Incident Energy (eV)

82-Pb-206

MAT 8231

748.0 keV (n, α') Level
Cross Section

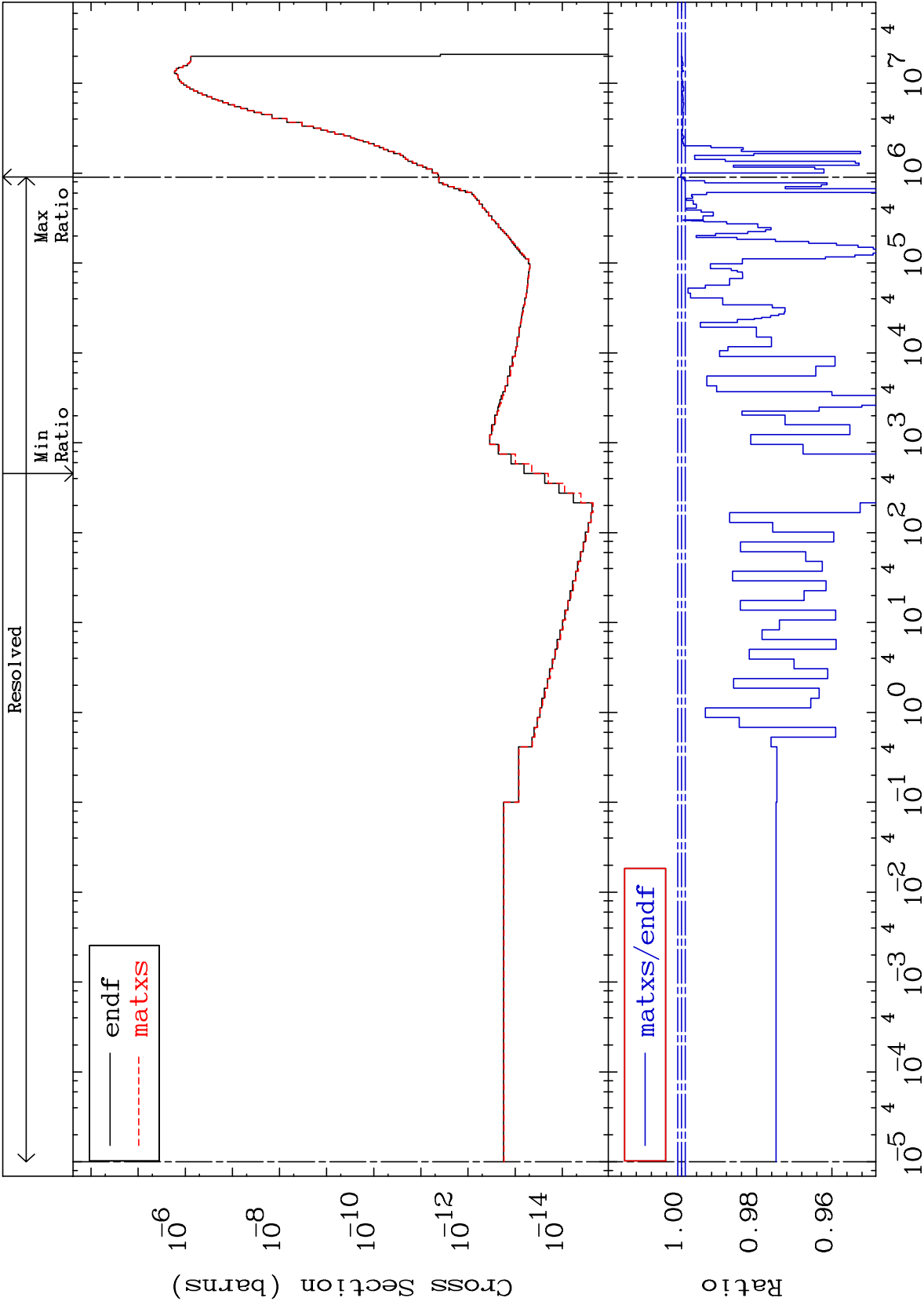
82-Pb-206
-31.63 To 0.022 %



MAT 8231

755.5 keV (n, α') Level
Cross Section

82-Pb-206
-31.63 To 0.013 %



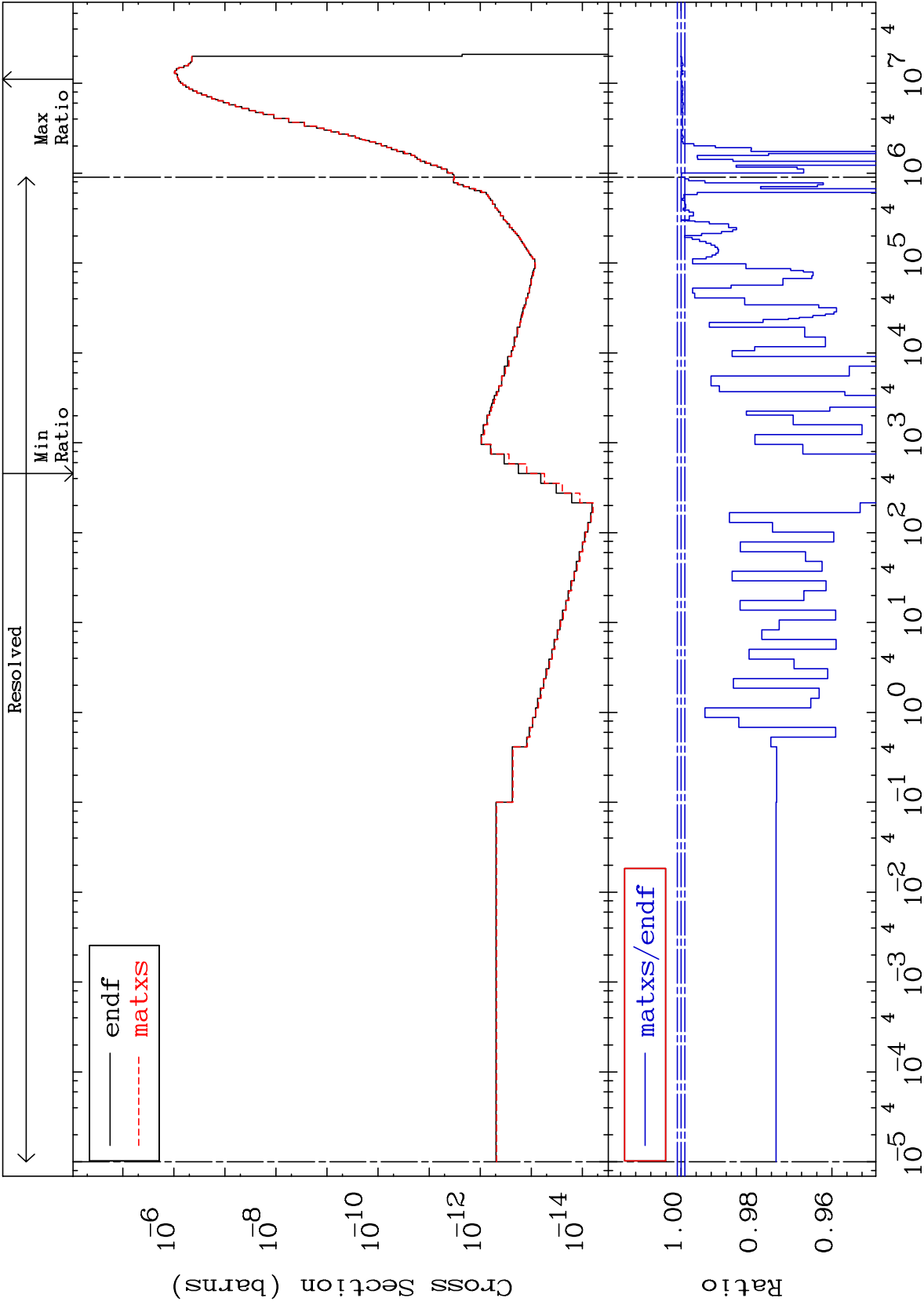
57

82-Pb-206

MAT 8231

766.0 keV (n,α') Level
Cross Section

82-Pb-206
-31.63 To 0.002 %



58

Incident Energy (eV)

82-Pb-206

MAT 8231

766.0 keV (n,α') Level
Cross Section

82-Pb-206
-31.63 To 1.465 %

