

Program Complot
(Version 2015-2)

by

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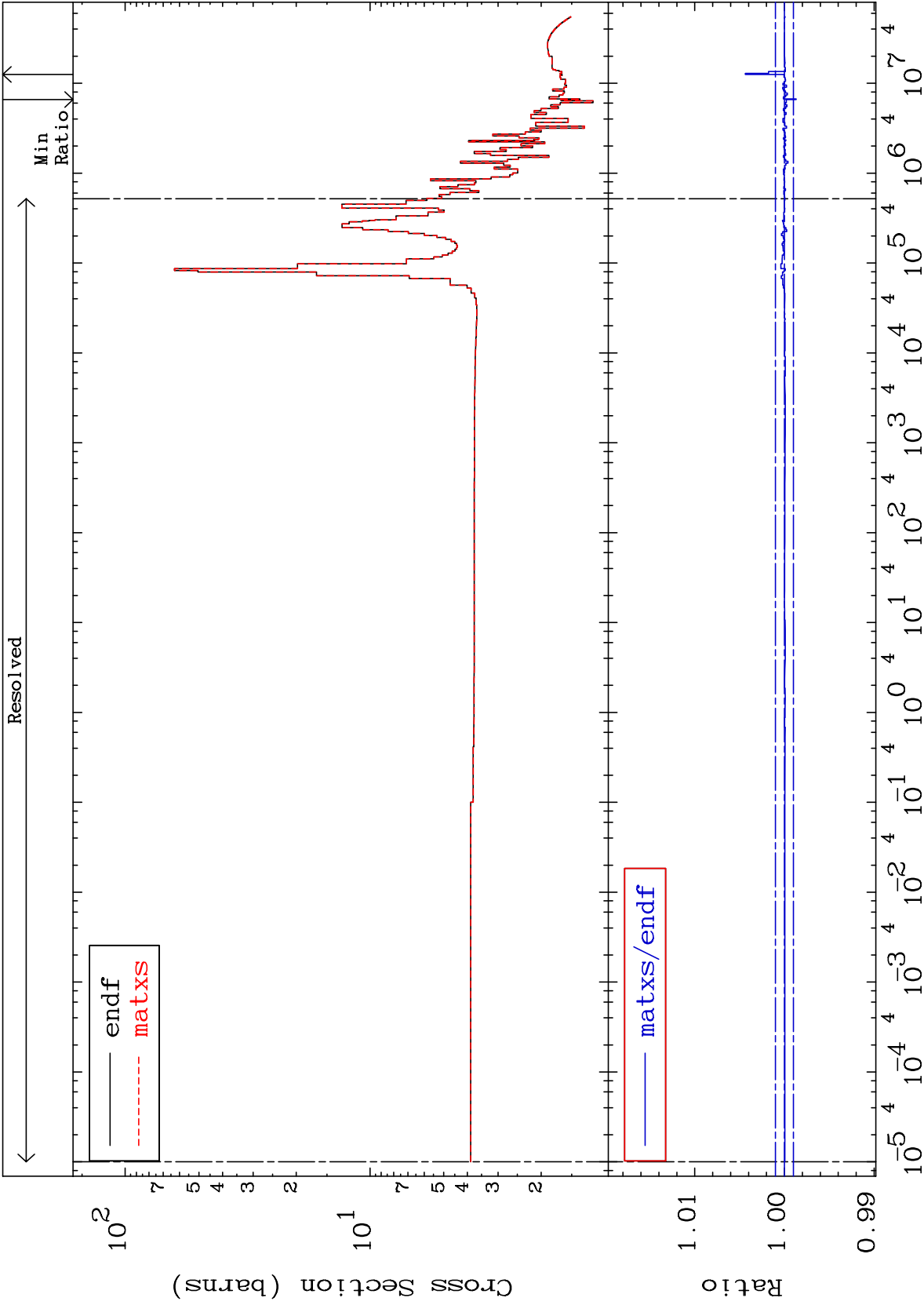
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1225

Total
Cross Section

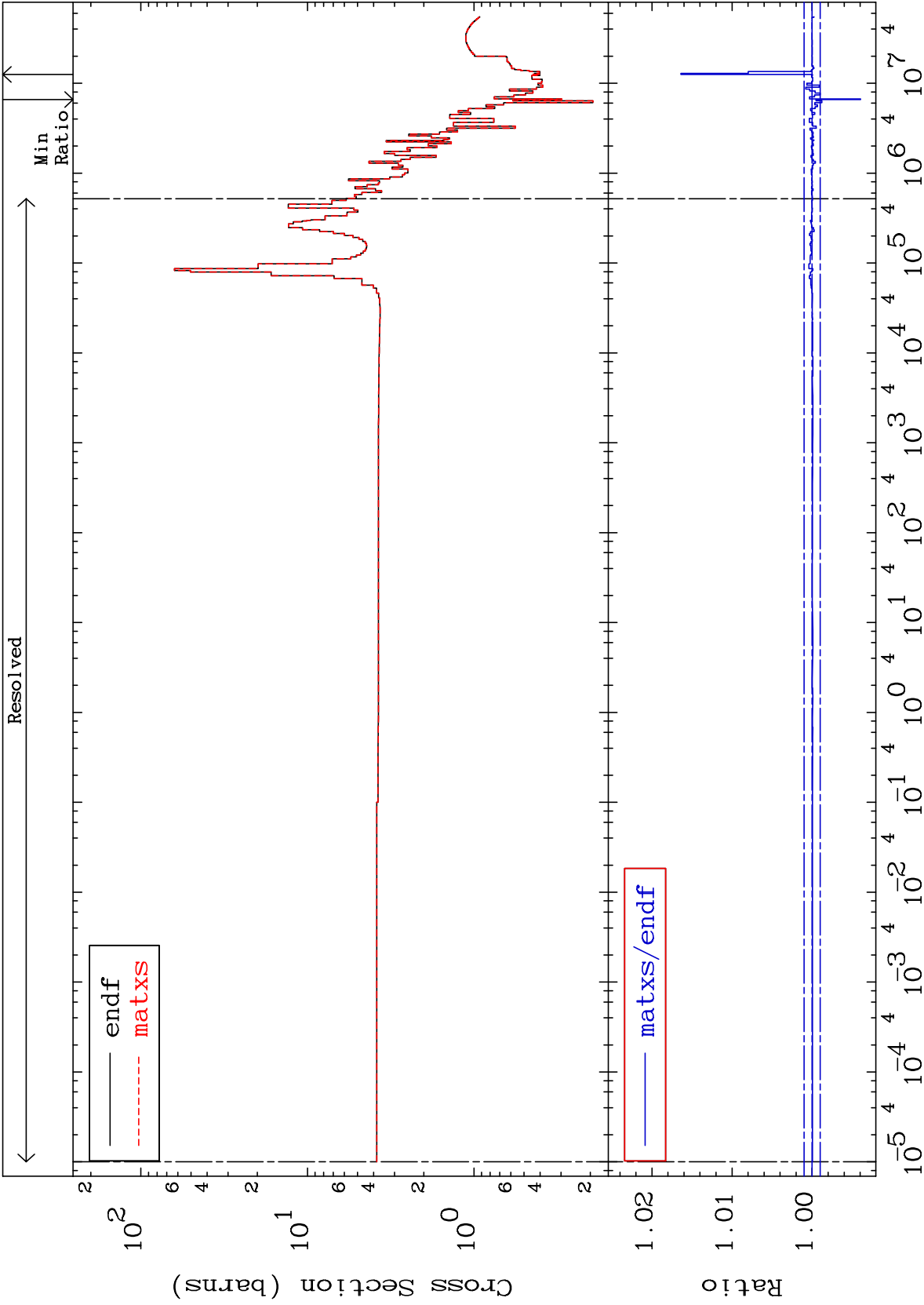
12-Mg-24
-0.131 To 0.436 %



MAT 1225

Elastic
Cross Section

12-Mg-24
-0.605 To 1.638 %



2

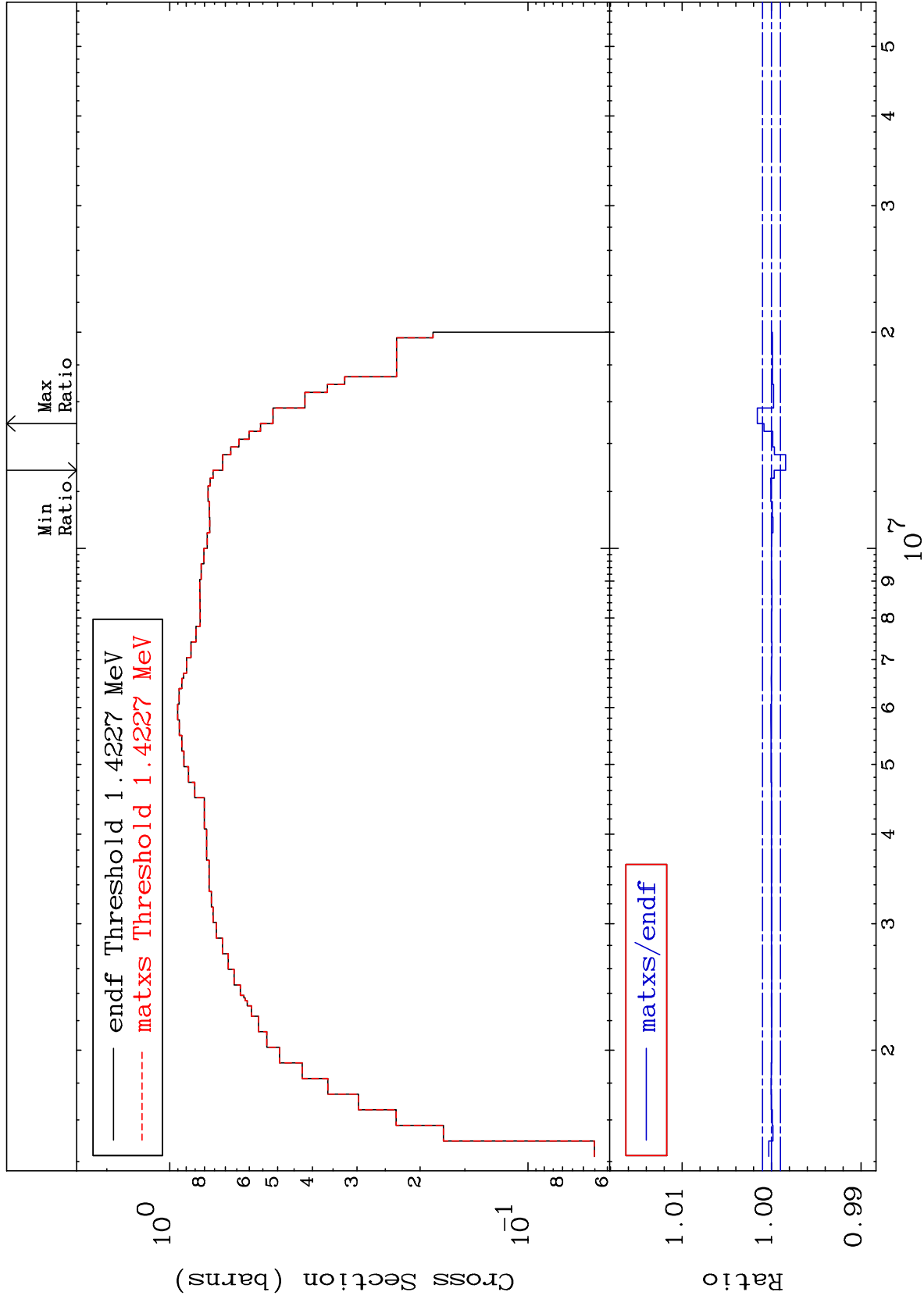
Incident Energy (eV)

12-Mg-24

MAT 1225

Inelastic
Cross Section

12-Mg-24
-0.157 To 0.160 %



3

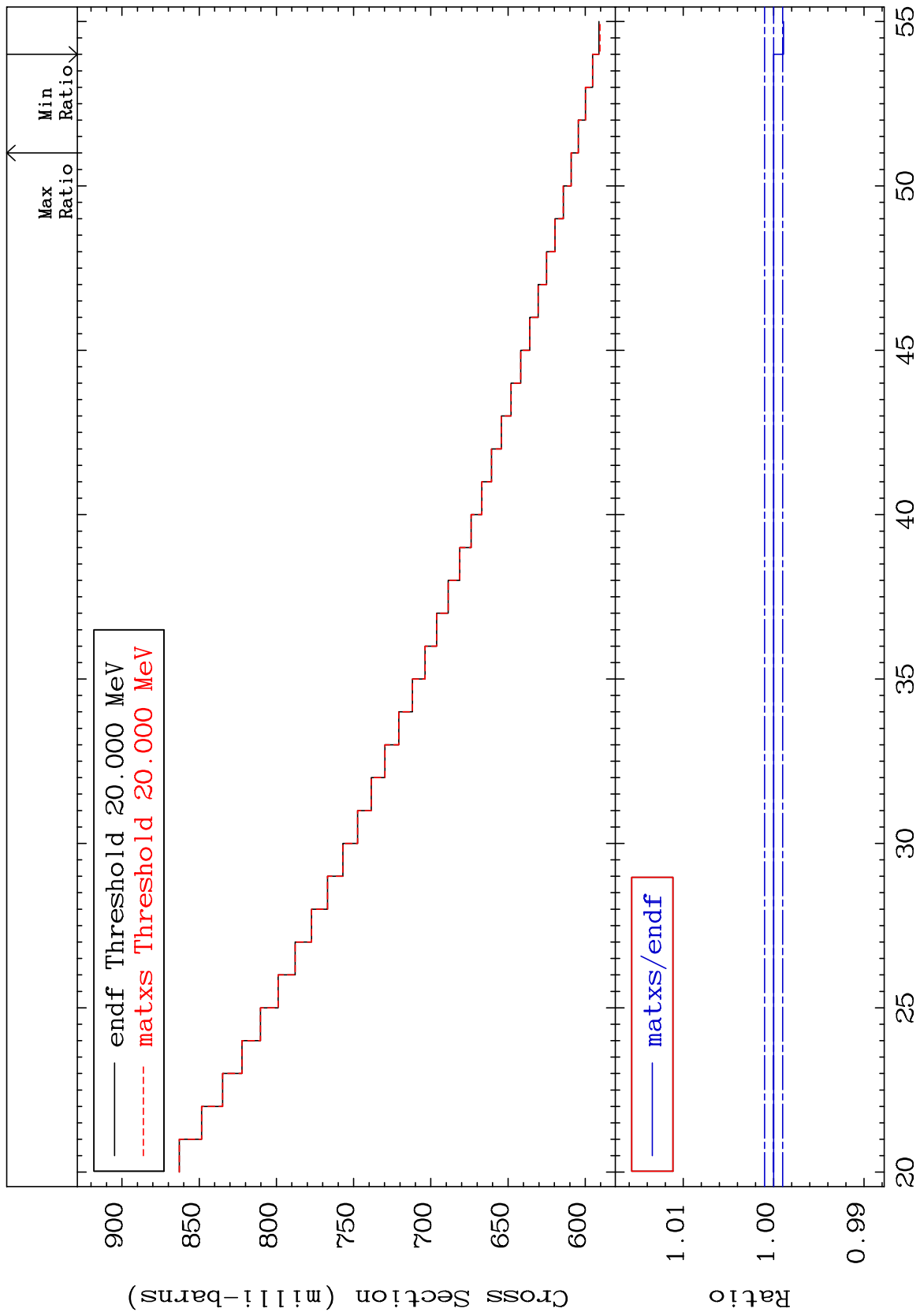
Incident Energy (eV)

12-Mg-24

MAT 1225

(n, remainder)
Cross Section

12-Mg-24
-0.110 To 0.000 %



4

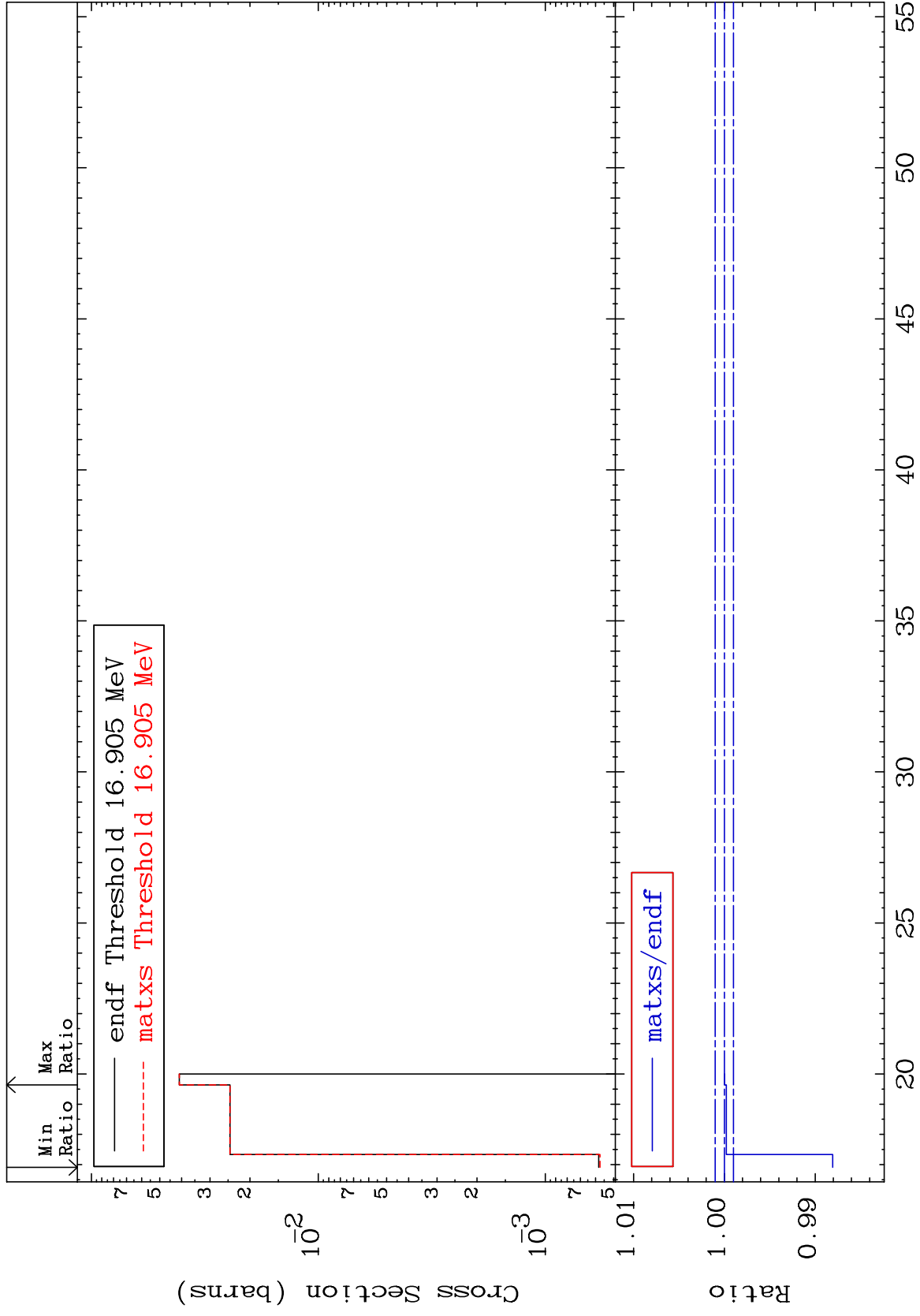
Incident Energy (MeV)

12-Mg-24

MAT 1225

(n,2n)
Cross Section

12-Mg-24
-1.192 To -0.002%



5

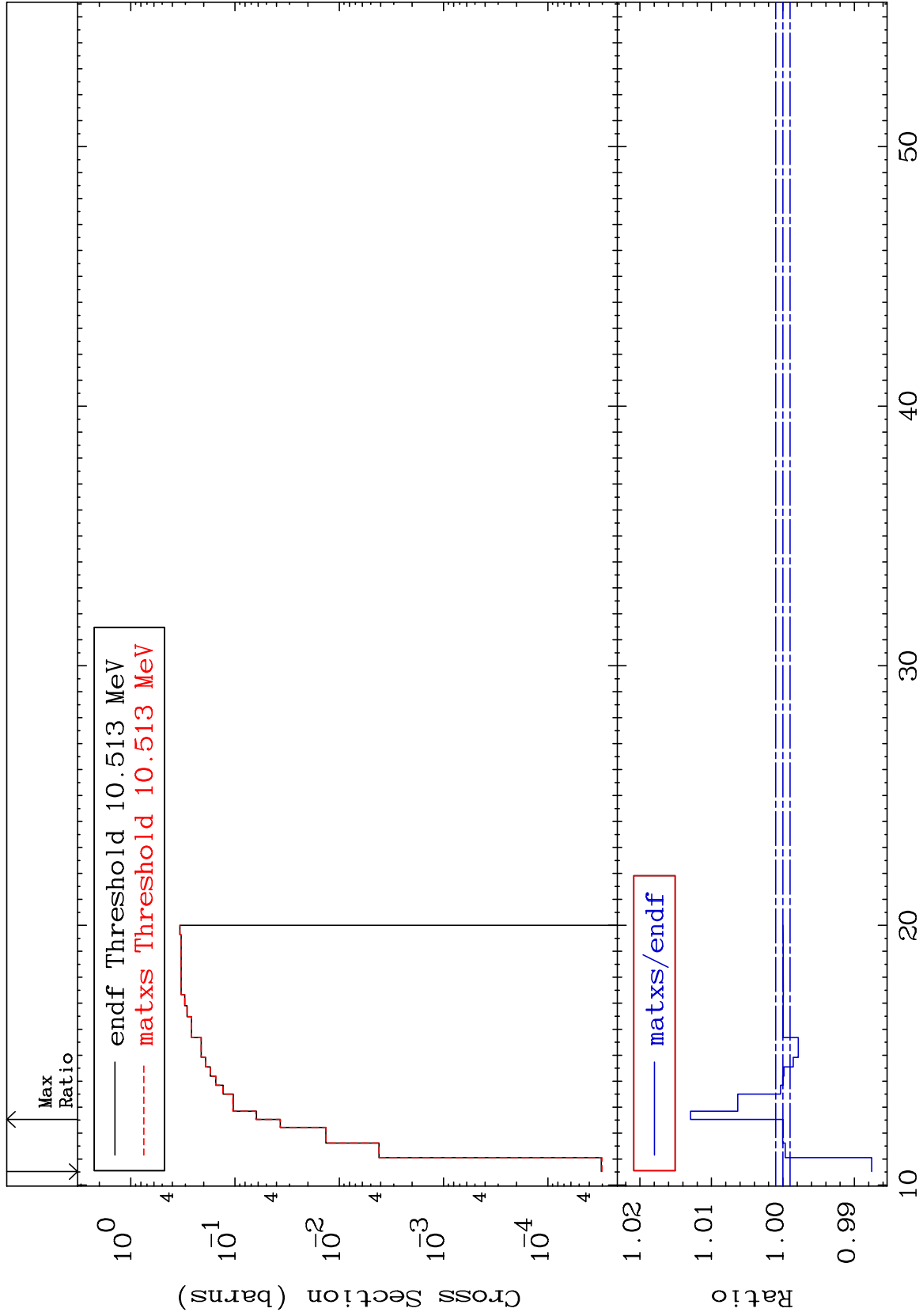
Incident Energy (MeV)

12-Mg-24

MAT 1225

(n, n') α
Cross Section

12-Mg-24
-1.242 To 1.292 %



6

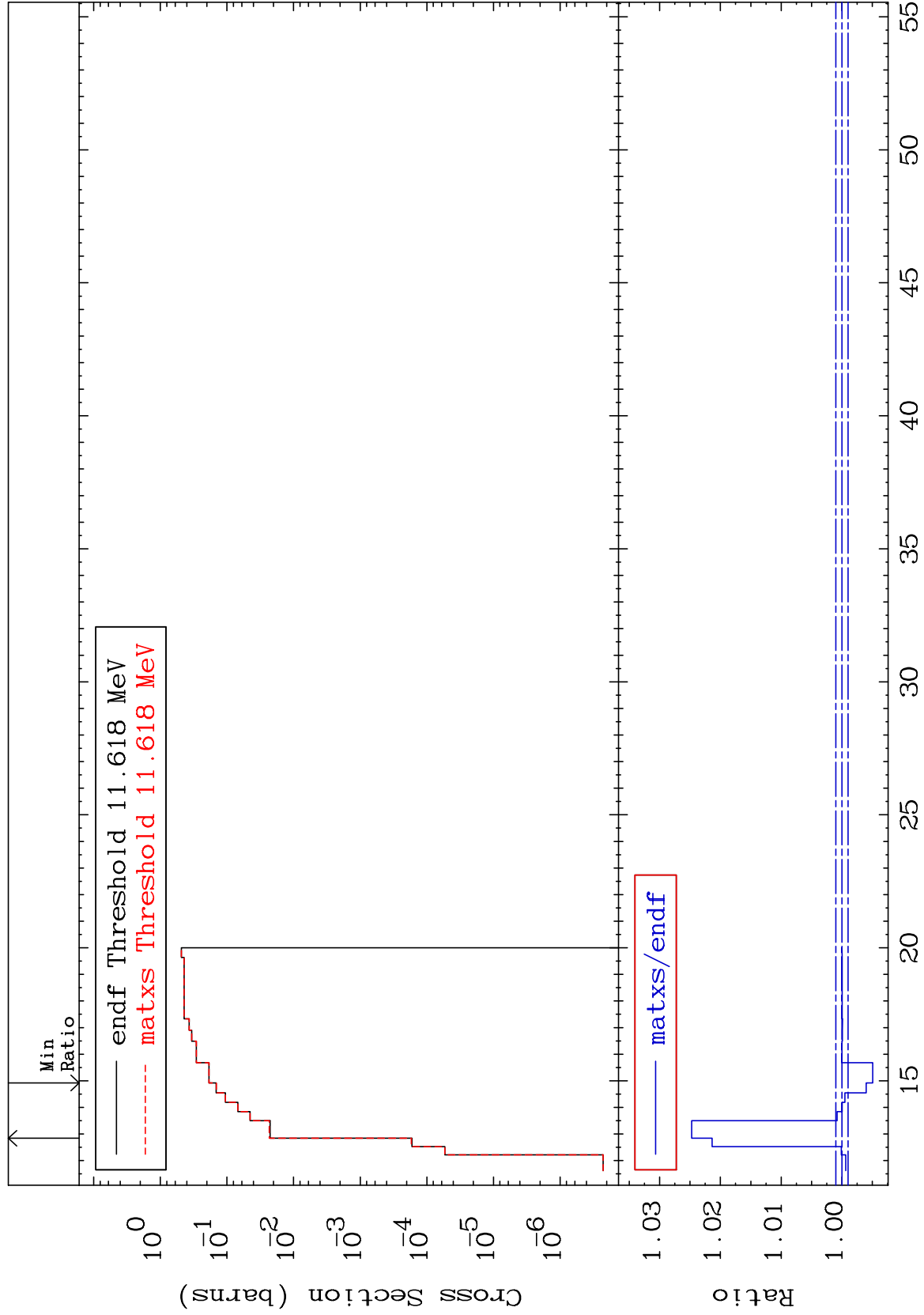
Incident Energy (MeV)

12-Mg-24

MAT 1225

(n, n') p
Cross Section

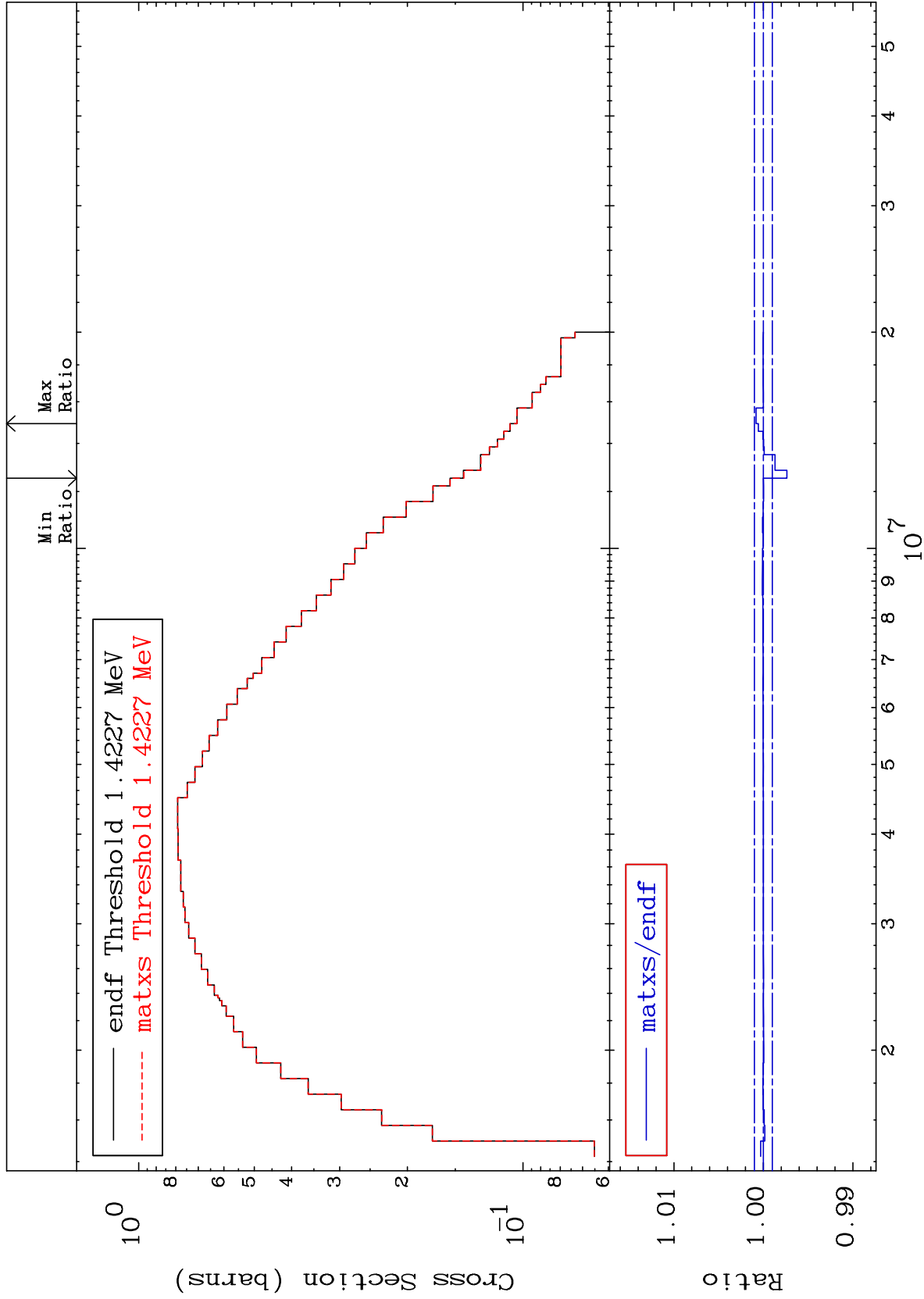
12-Mg-24
-0.505 To 2.472 %



MAT 1225

1.369 MeV (n,n') Level
Cross Section

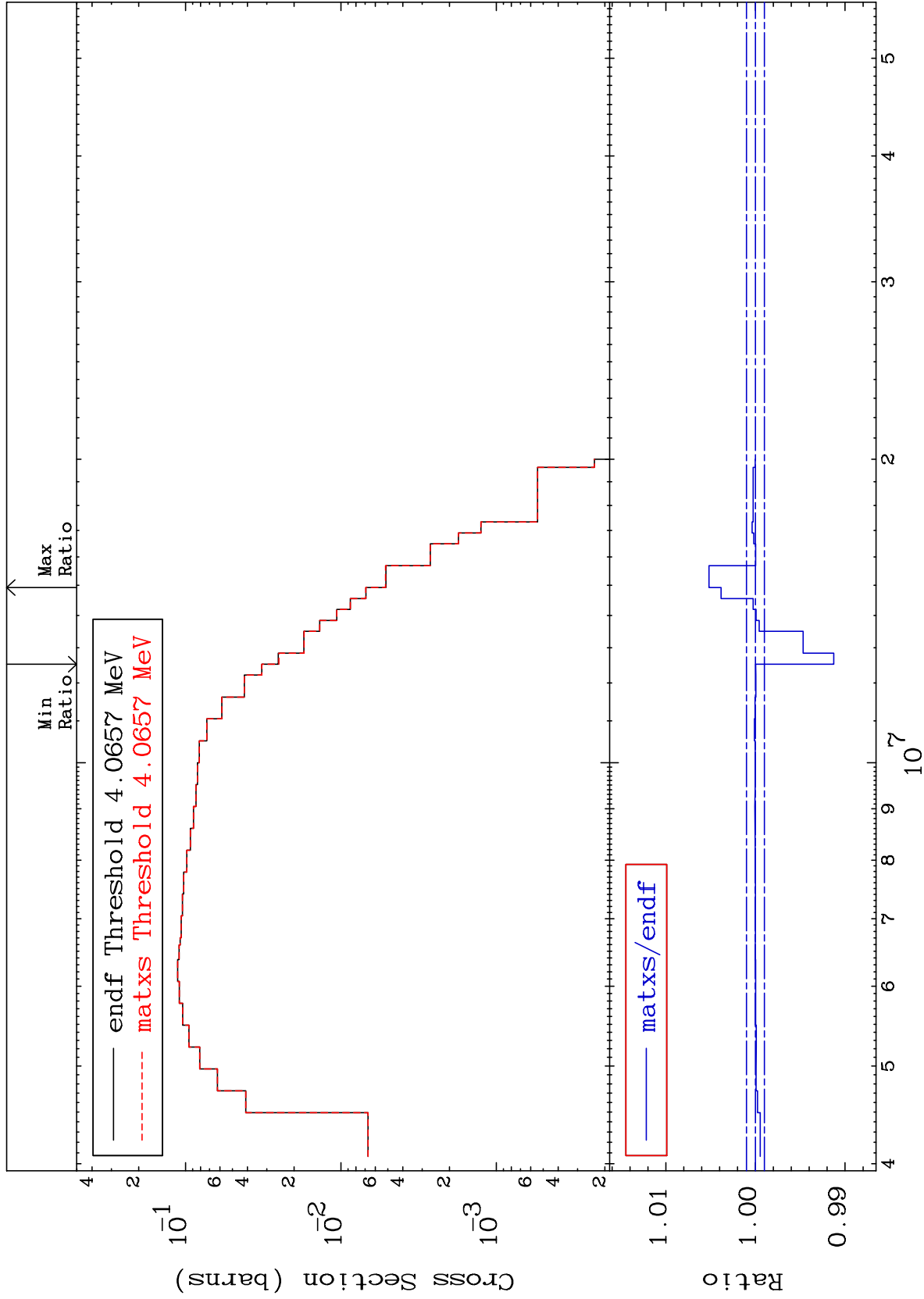
12-Mg-24
-0.262 To 0.083 %



MAT 1225

4.120 MeV (n,n') Level
Cross Section

12-Mg-24
-0.873 To 0.518 %



9

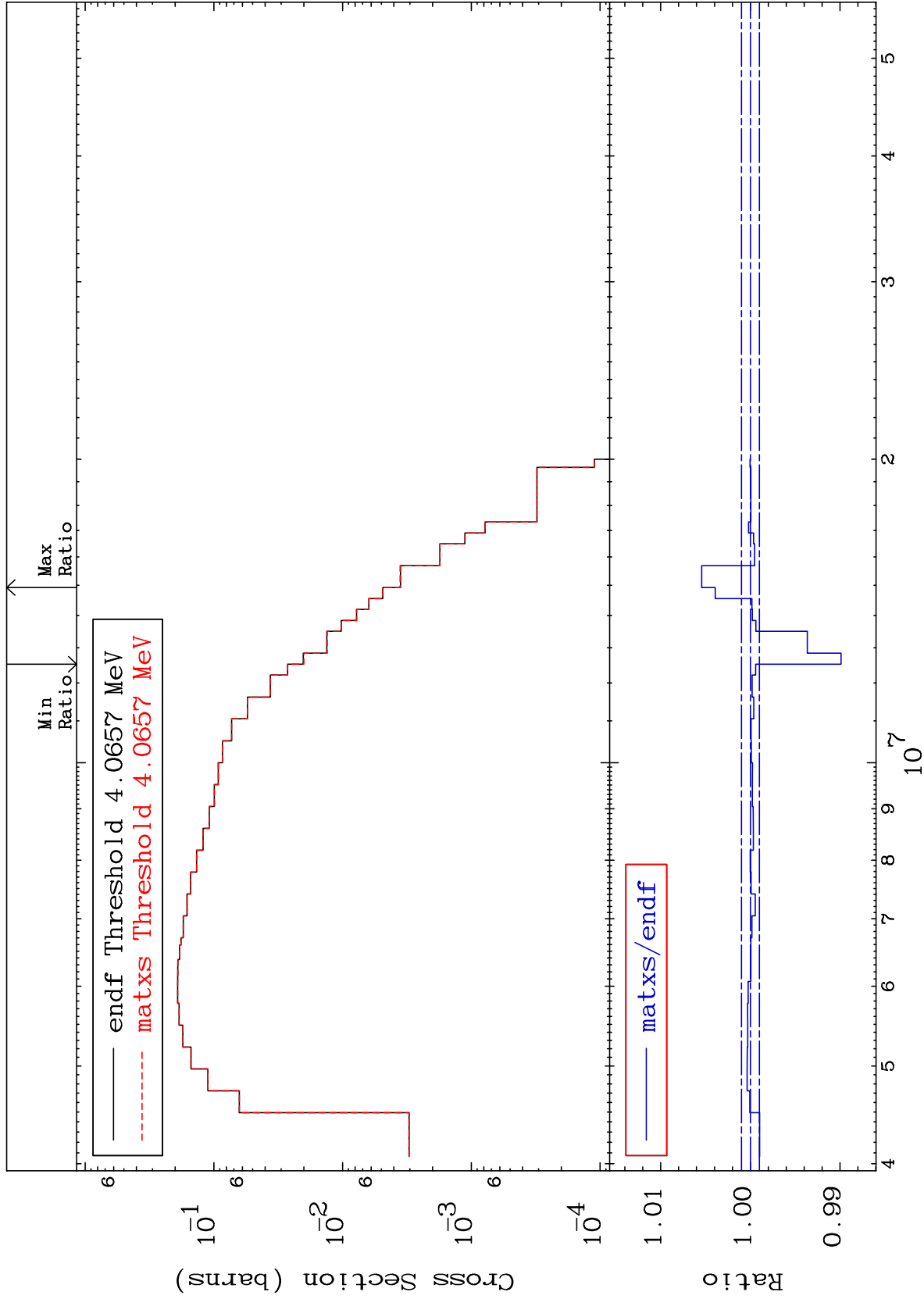
Incident Energy (eV)

12-Mg-24

MAT 1225

4.238 MeV (n,n') Level
Cross Section

12-Mg-24
-1.011 To 0.542 %



10

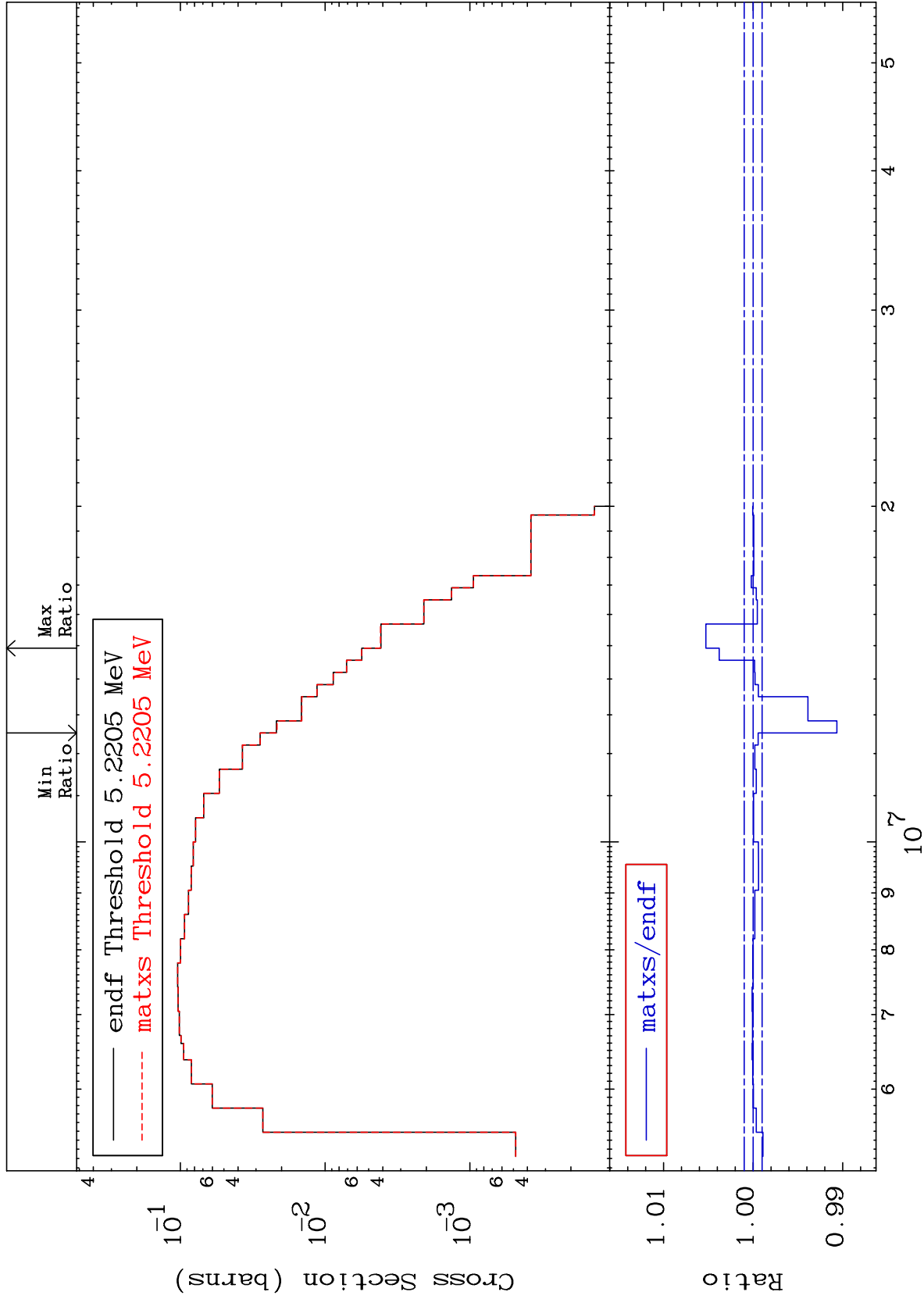
Incident Energy (eV)

12-Mg-24

MAT 1225

5.236 MeV (n,n') Level
Cross Section

12-Mg-24
-0.934 To 0.527 %



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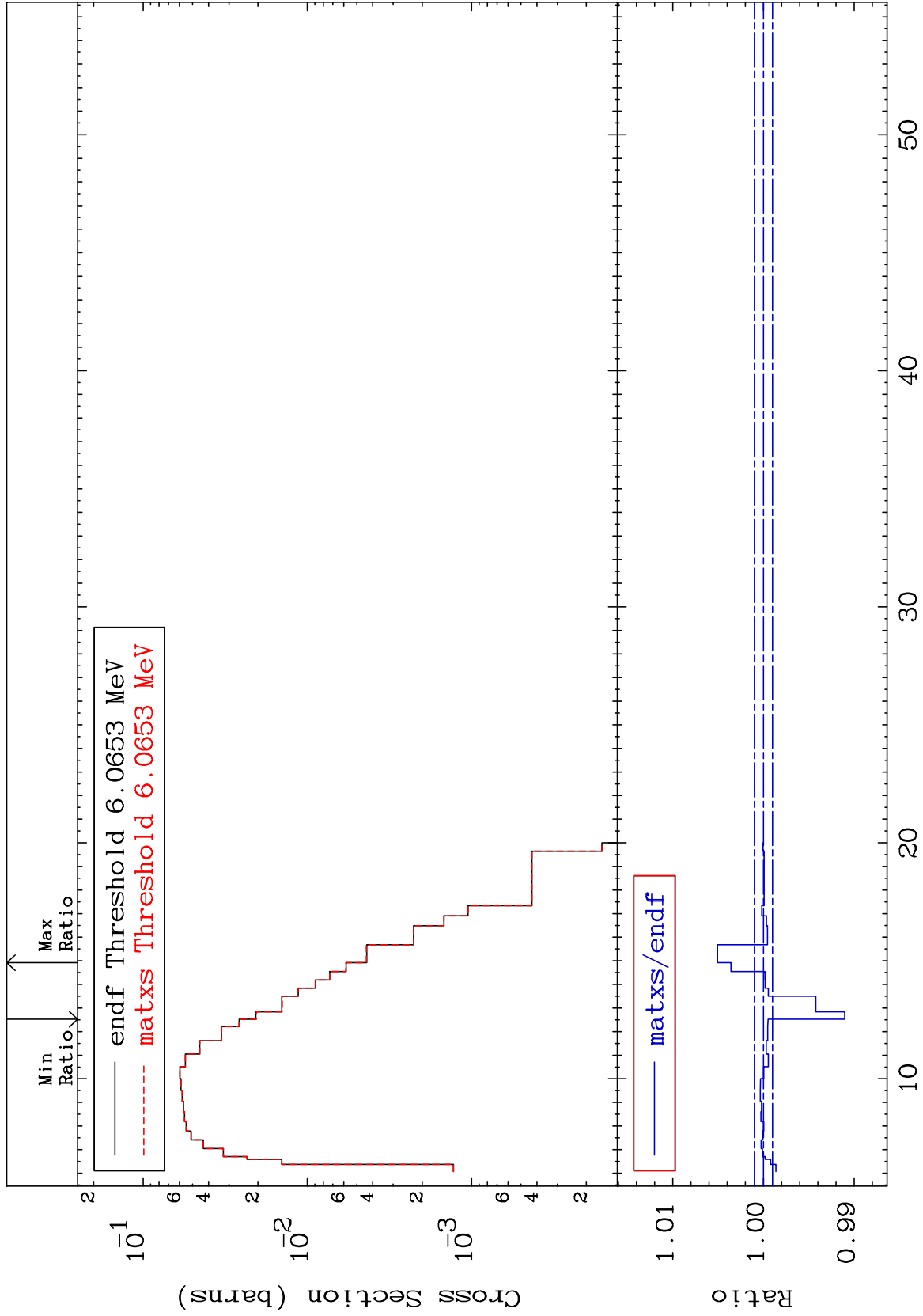
Incident Energy (eV)

12-Mg-24

MAT 1225

6.010 MeV (n,n') Level
Cross Section

12-Mg-24
-0.894 To 0.506 %



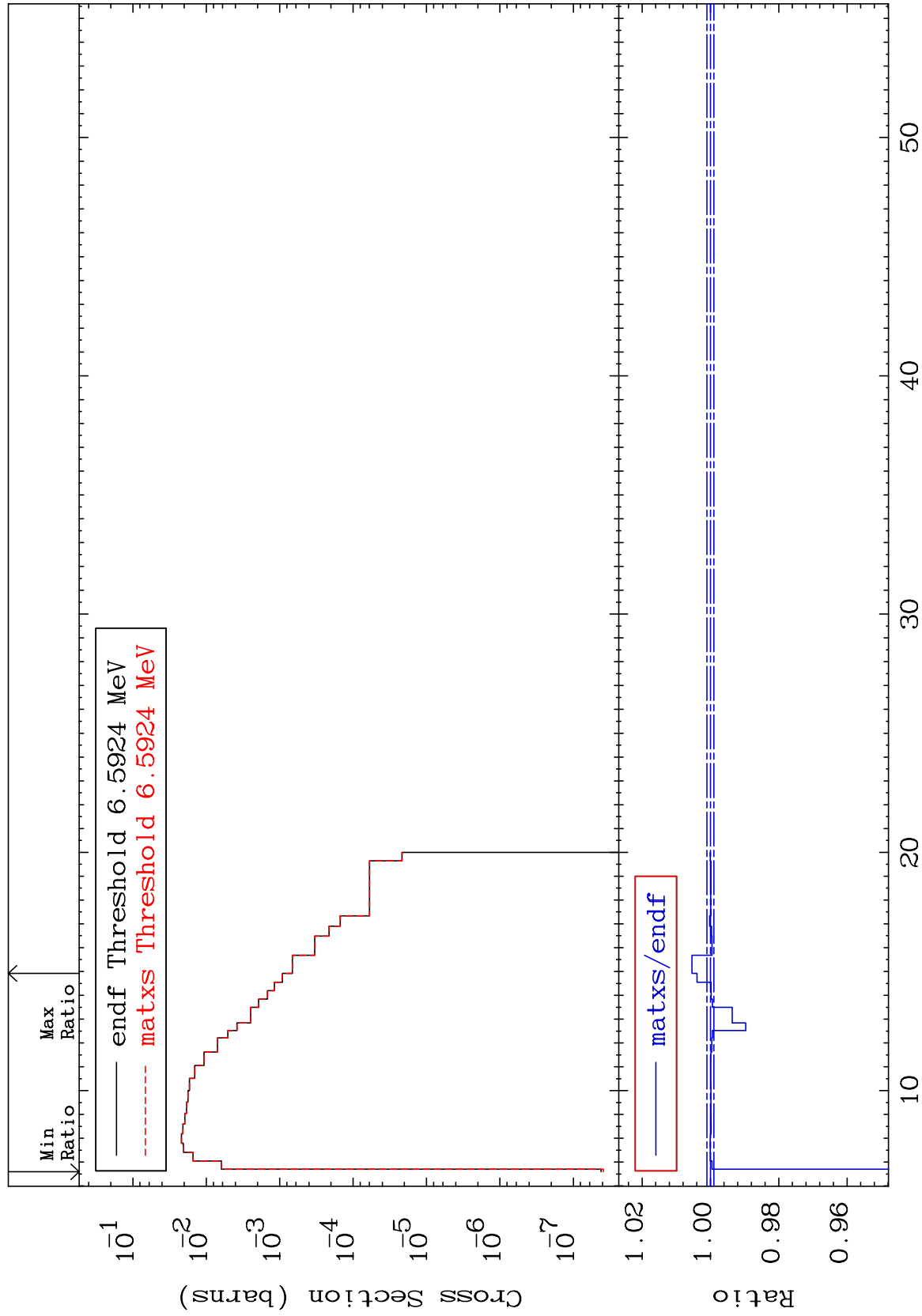
12

12-Mg-24

MAT 1225

6.432 MeV (n,n') Level
Cross Section

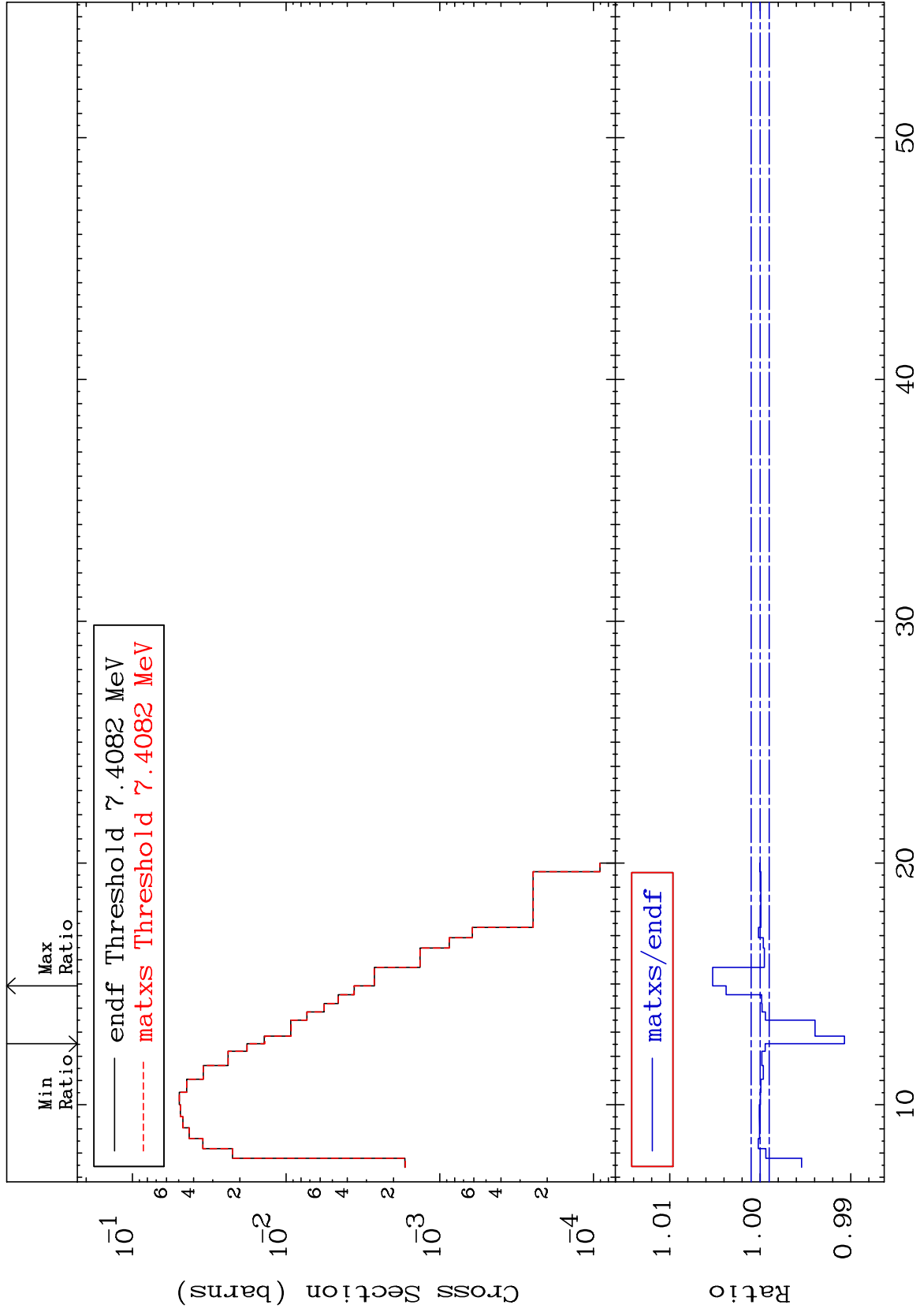
12-Mg-24
-6.726 To 0.539 %



MAT 1225

7.348 MeV (n,n') Level
Cross Section

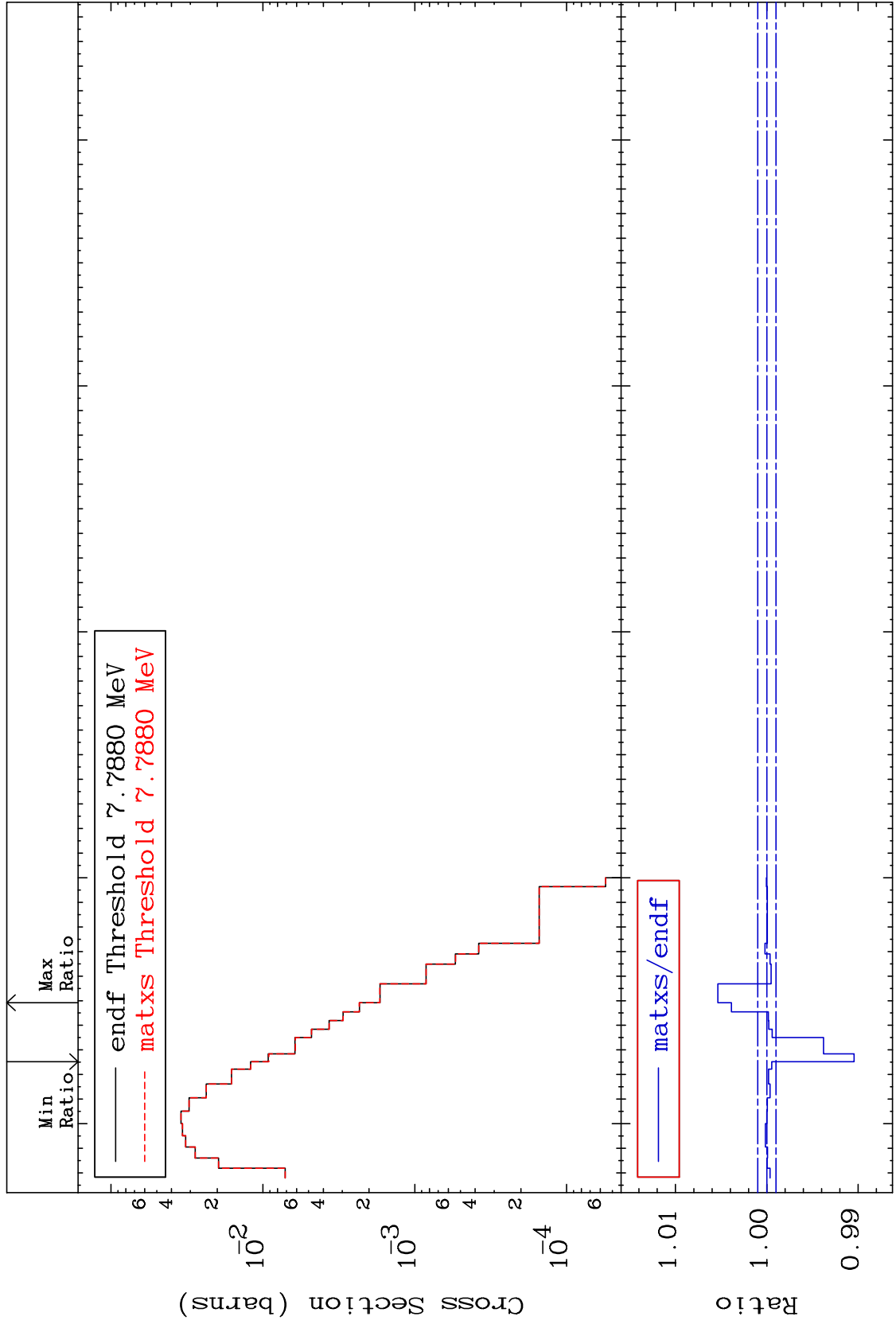
12-Mg-24
-0.931 To 0.525 %



MAT 1225

7.553 MeV (n,n') Level
Cross Section

12-Mg-24
-0.955 To 0.537 %



15

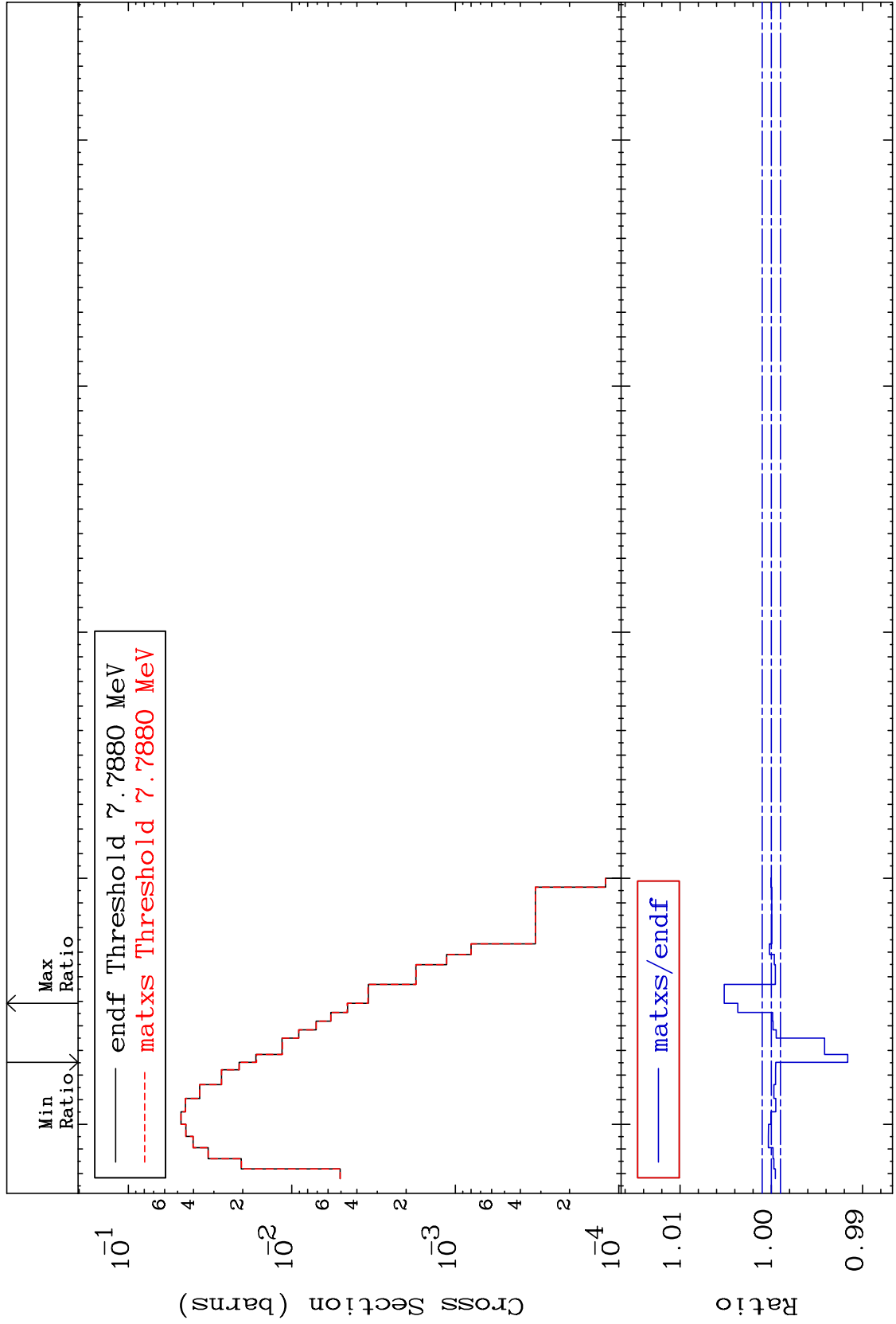
Incident Energy (MeV)

12-Mg-24

MAT 1225

7.616 MeV (n,n') Level
Cross Section

12-Mg-24
-0.837 To 0.516 %



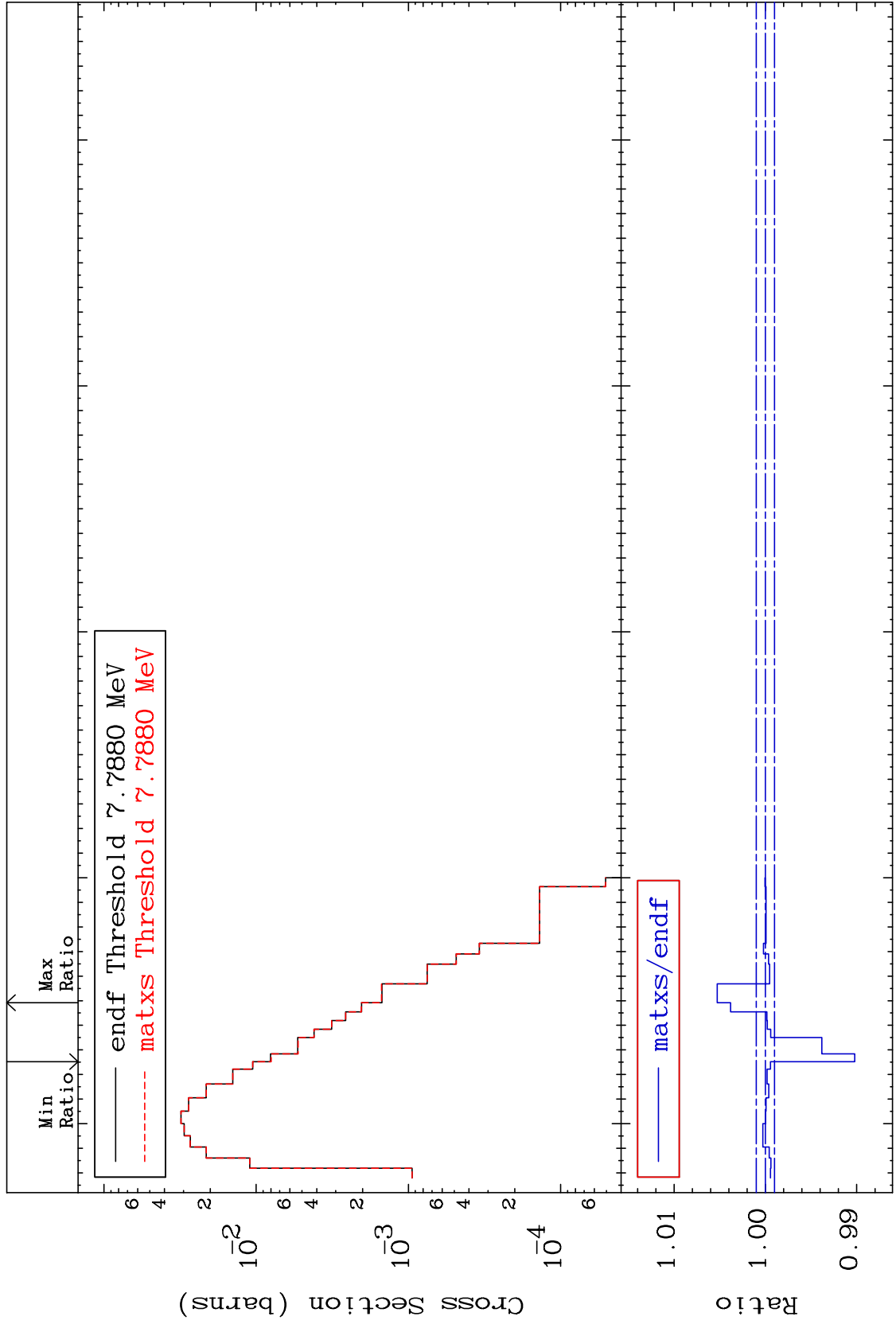
16

12-Mg-24

MAT 1225

7.747 MeV (n,n') Level
Cross Section

12-Mg-24
-0.977 To 0.529 %



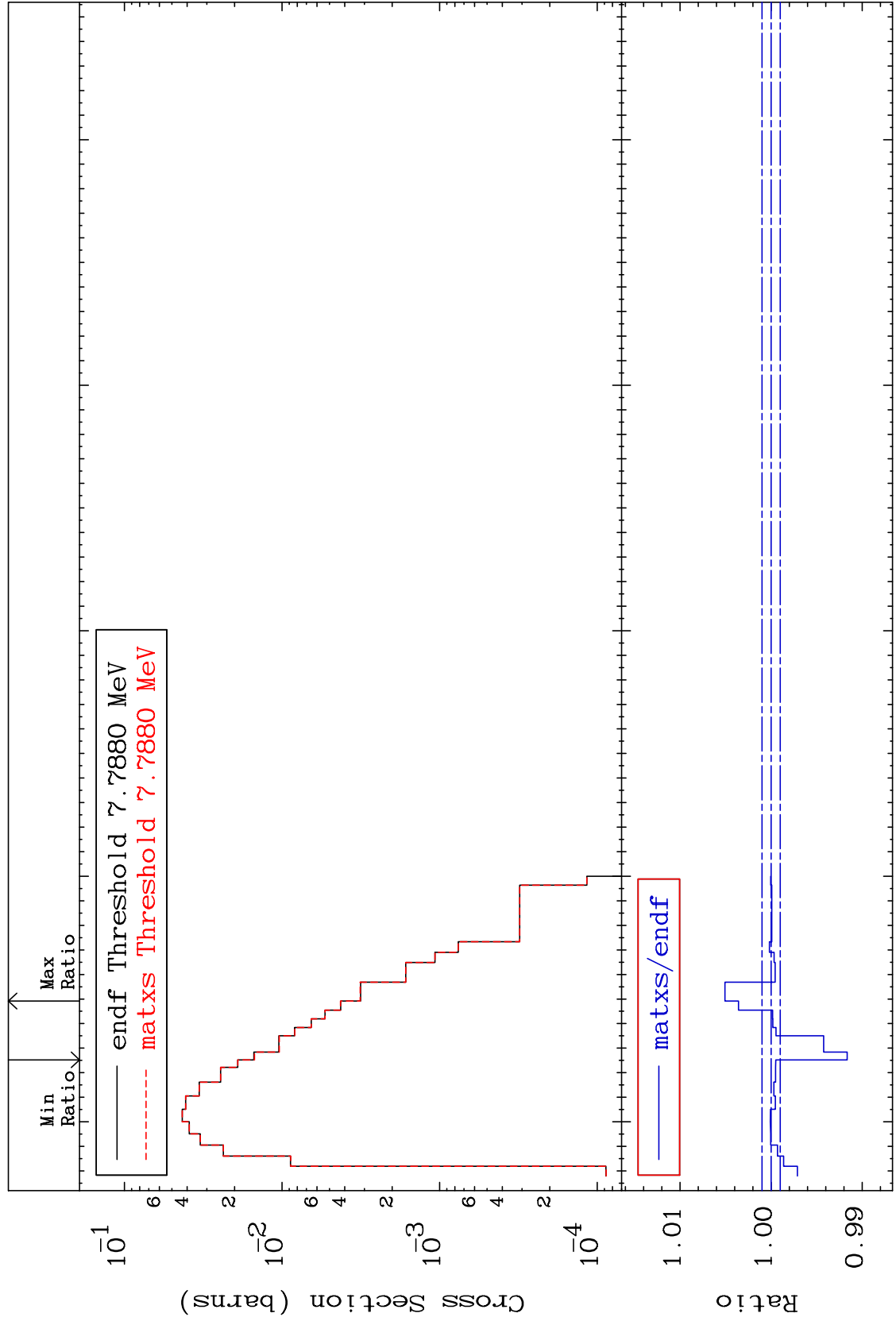
17

12-Mg-24

MAT 1225

7.812 MeV (n,n') Level
Cross Section

12-Mg-24
-0.835 To 0.508 %



18

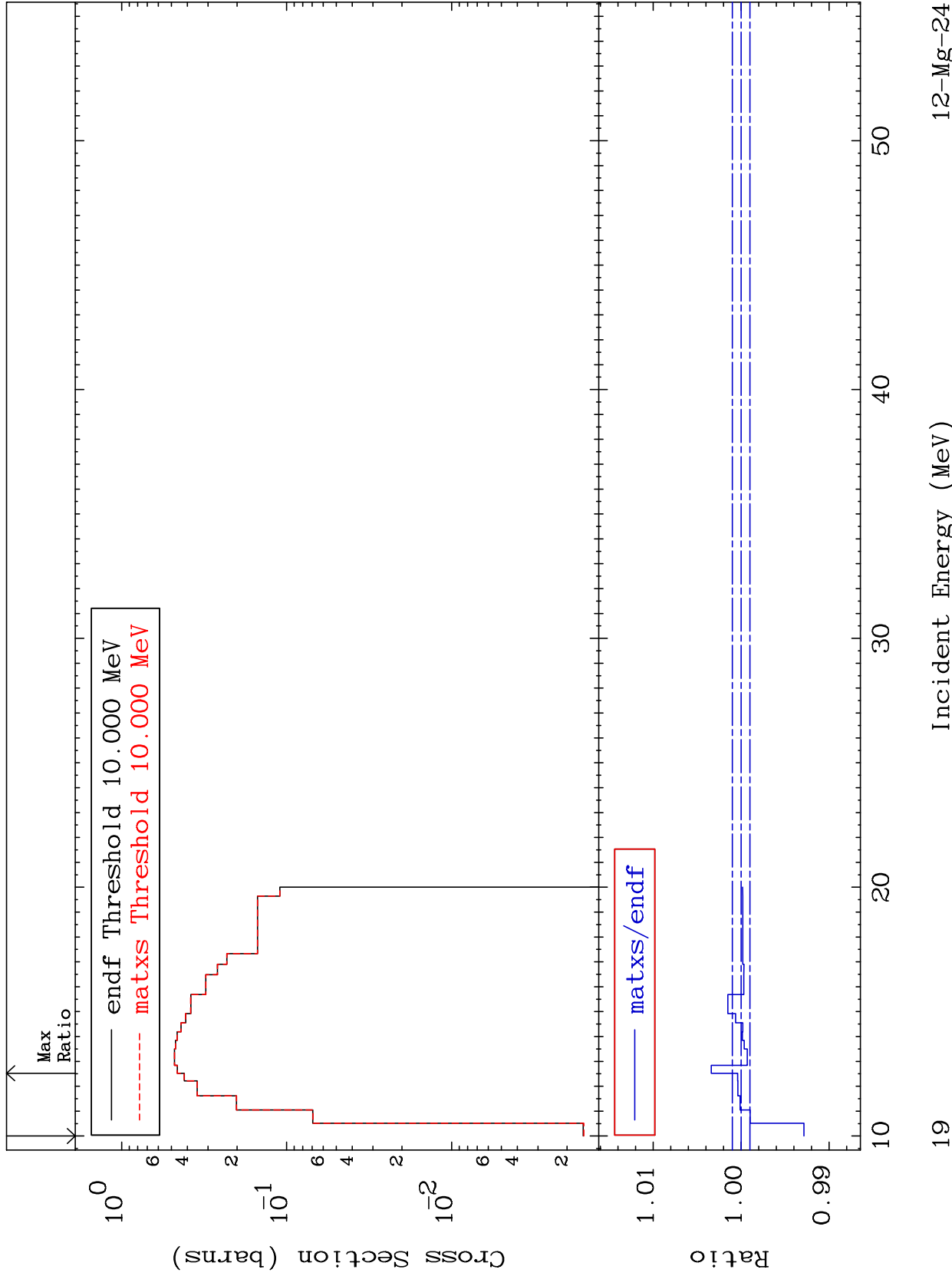
Incident Energy (MeV)

12-Mg-24

MAT 1225

(n,n') Continuum
Cross Section

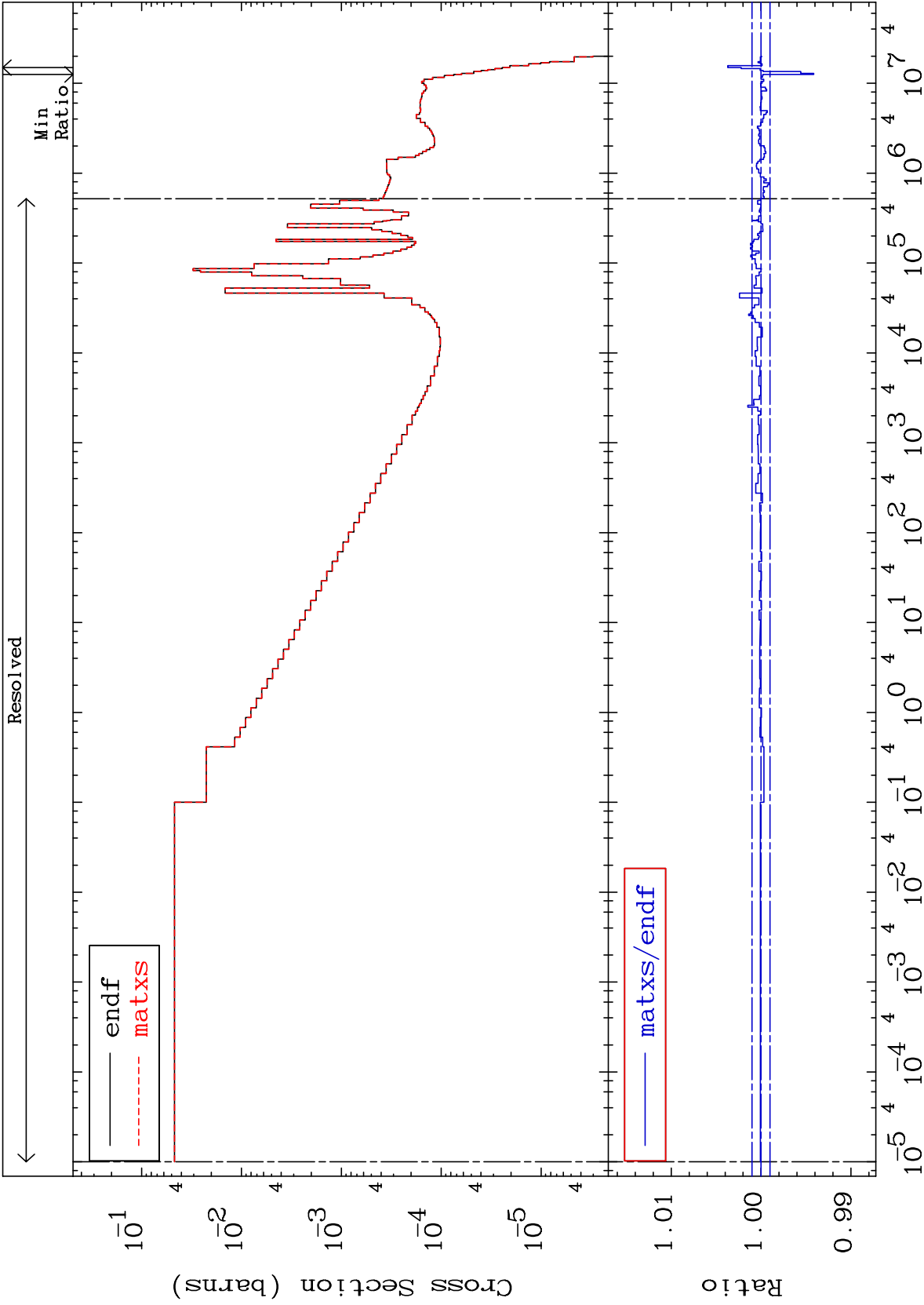
12-Mg-24
-0.714 To 0.340 %



MAT 1225

(n, γ)
Cross Section

12-Mg-24
-0.585 To 0.370 %



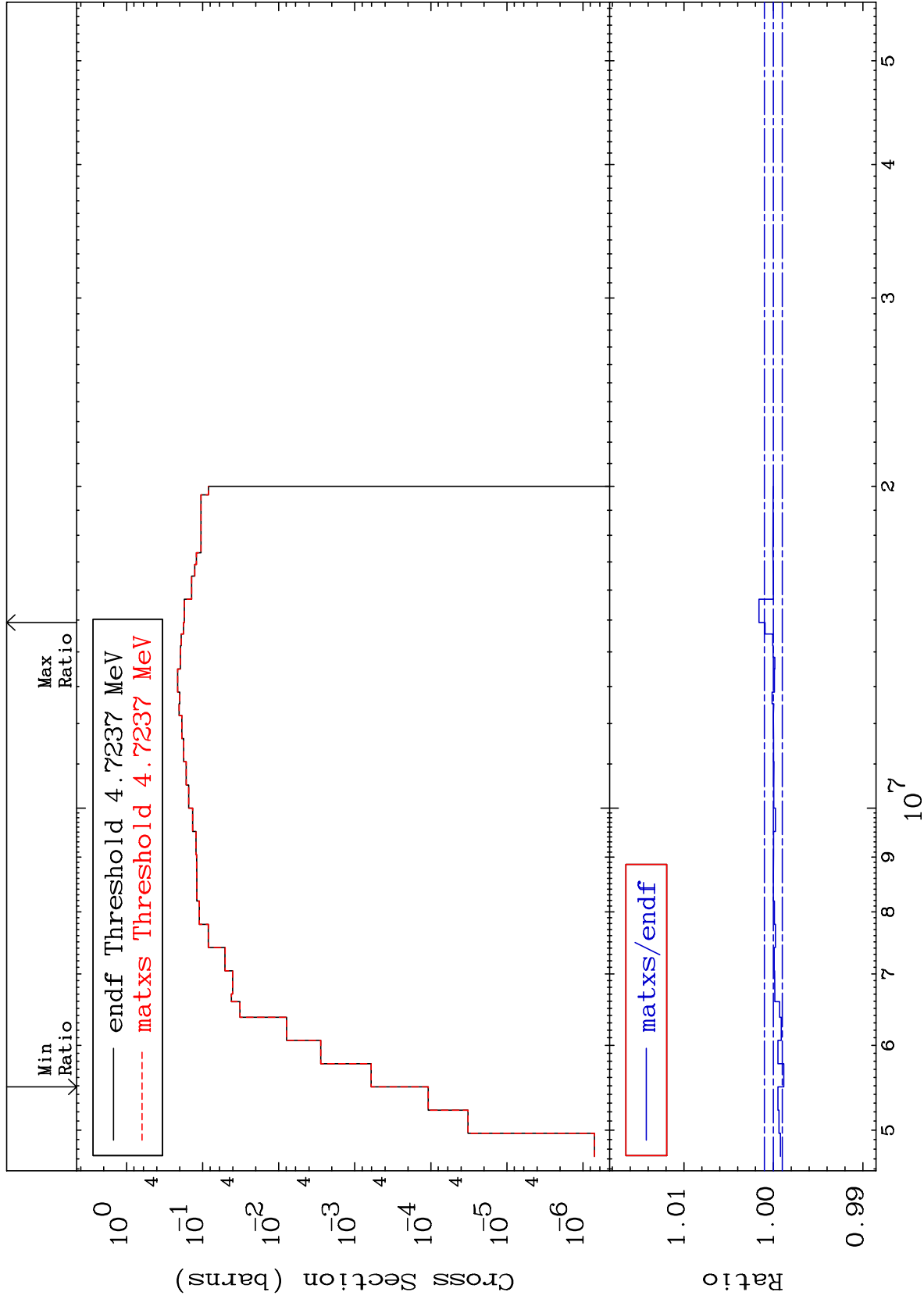
MAT 1225

(n,p)

¹²Mg-24

Cross Section

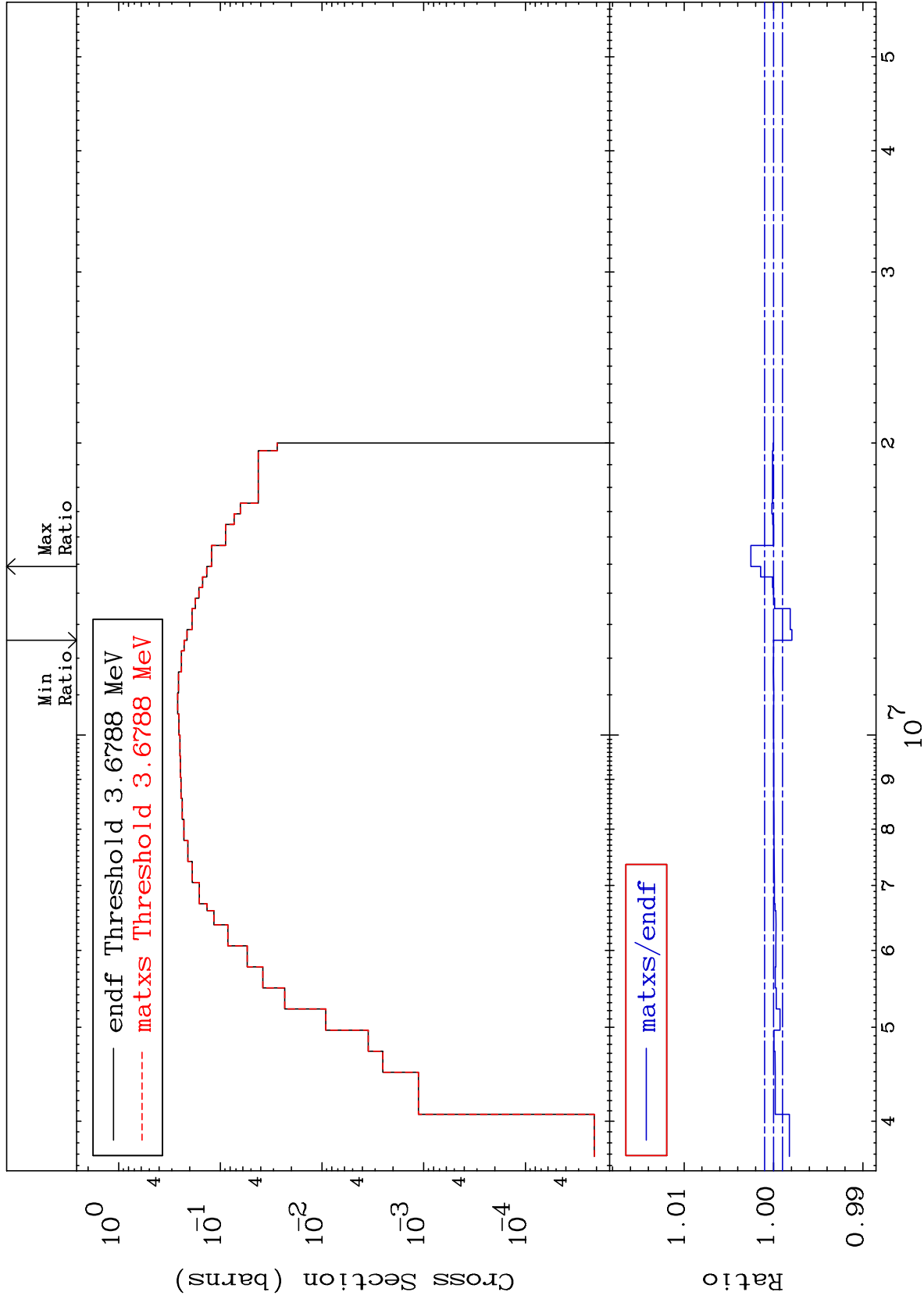
-0.115 To 0.160 %



MAT 1225

$^{12}\text{Mg-24}$
-0.206 To 0.254 %

(n, α)
Cross Section



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Incident Energy (eV)

$^{12}\text{Mg-24}$