

Program Complot
(Version 2015-2)

by

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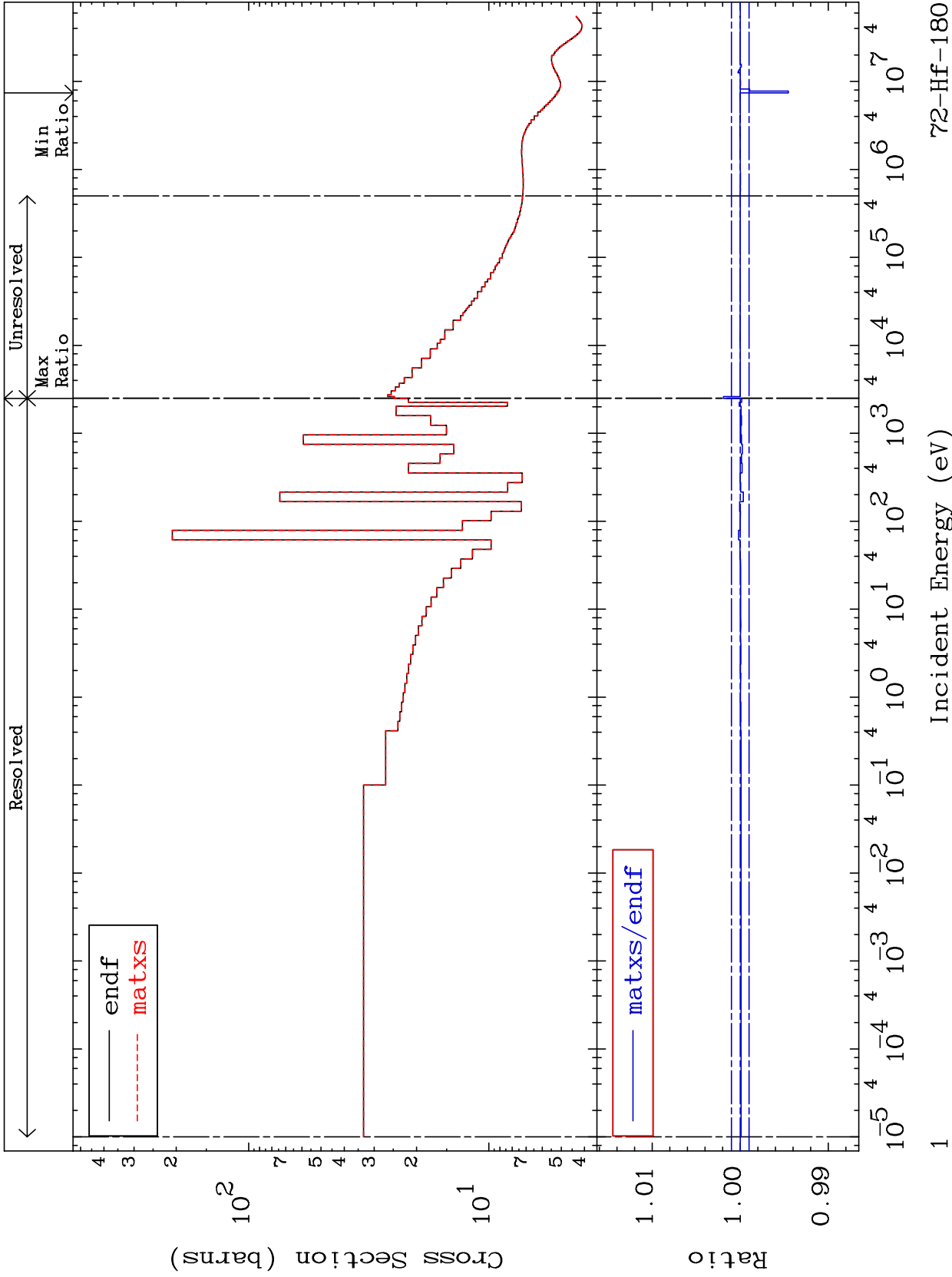
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7243

Total
Cross Section

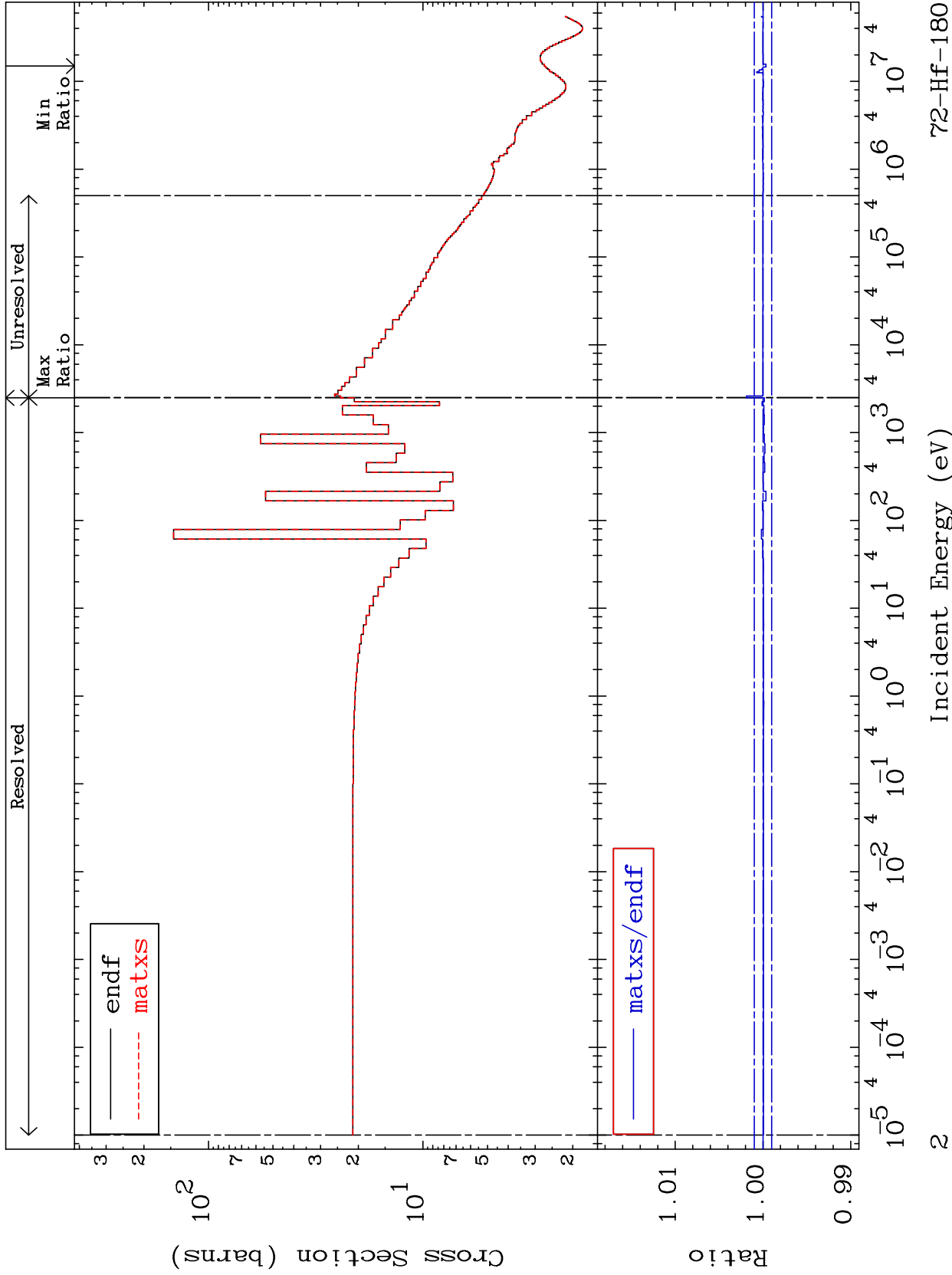
72-Hf-180
-0.547 To 0.190 %



MAT 7243

Elastic Cross Section

72-Hf-180
-0.034 To 0.188 %



2

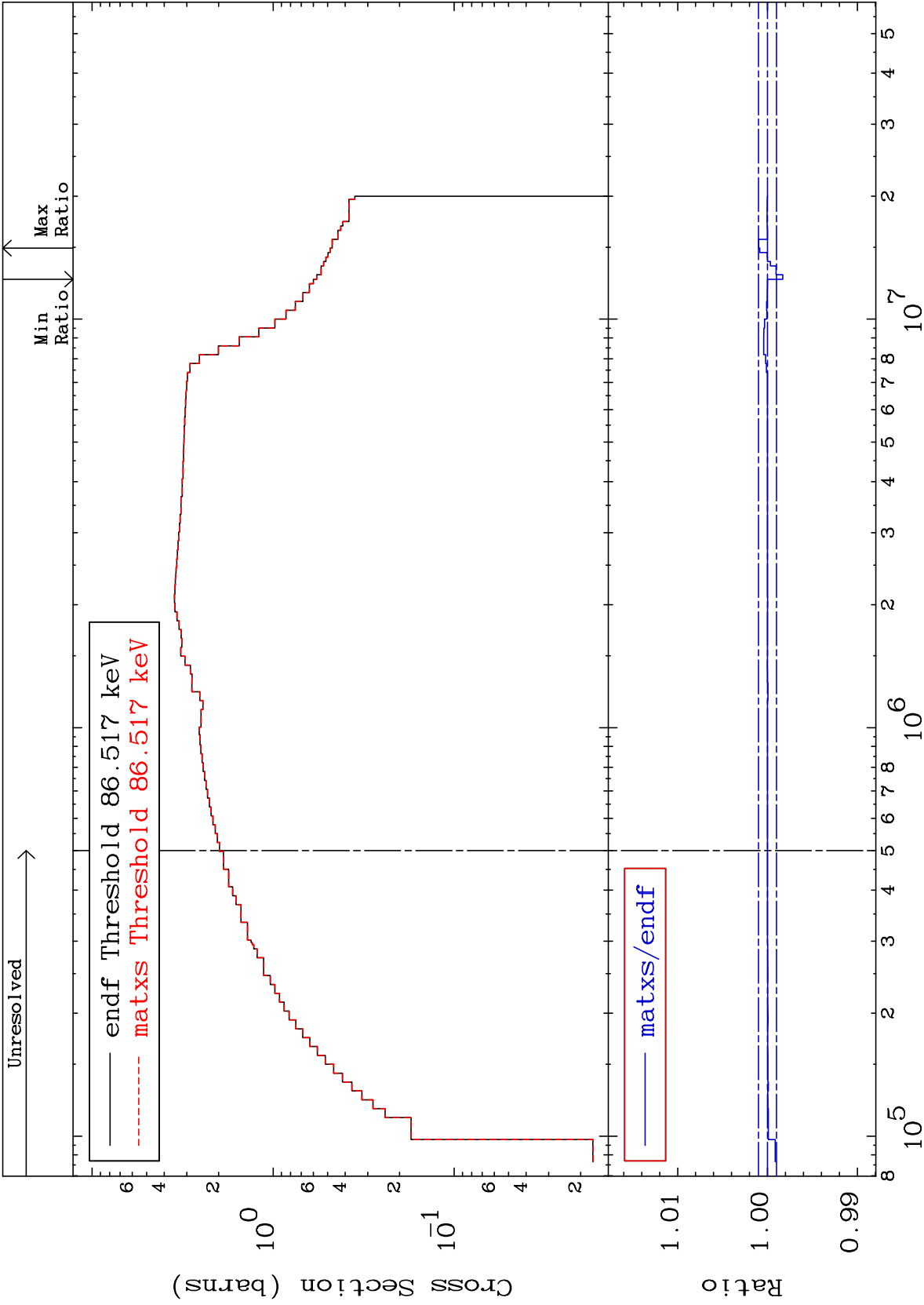
Incident Energy (eV)

72-Hf-180

MAT 7243

Inelastic
Cross Section

⁷²Hf-180
-0.169 To 0.097 %



3

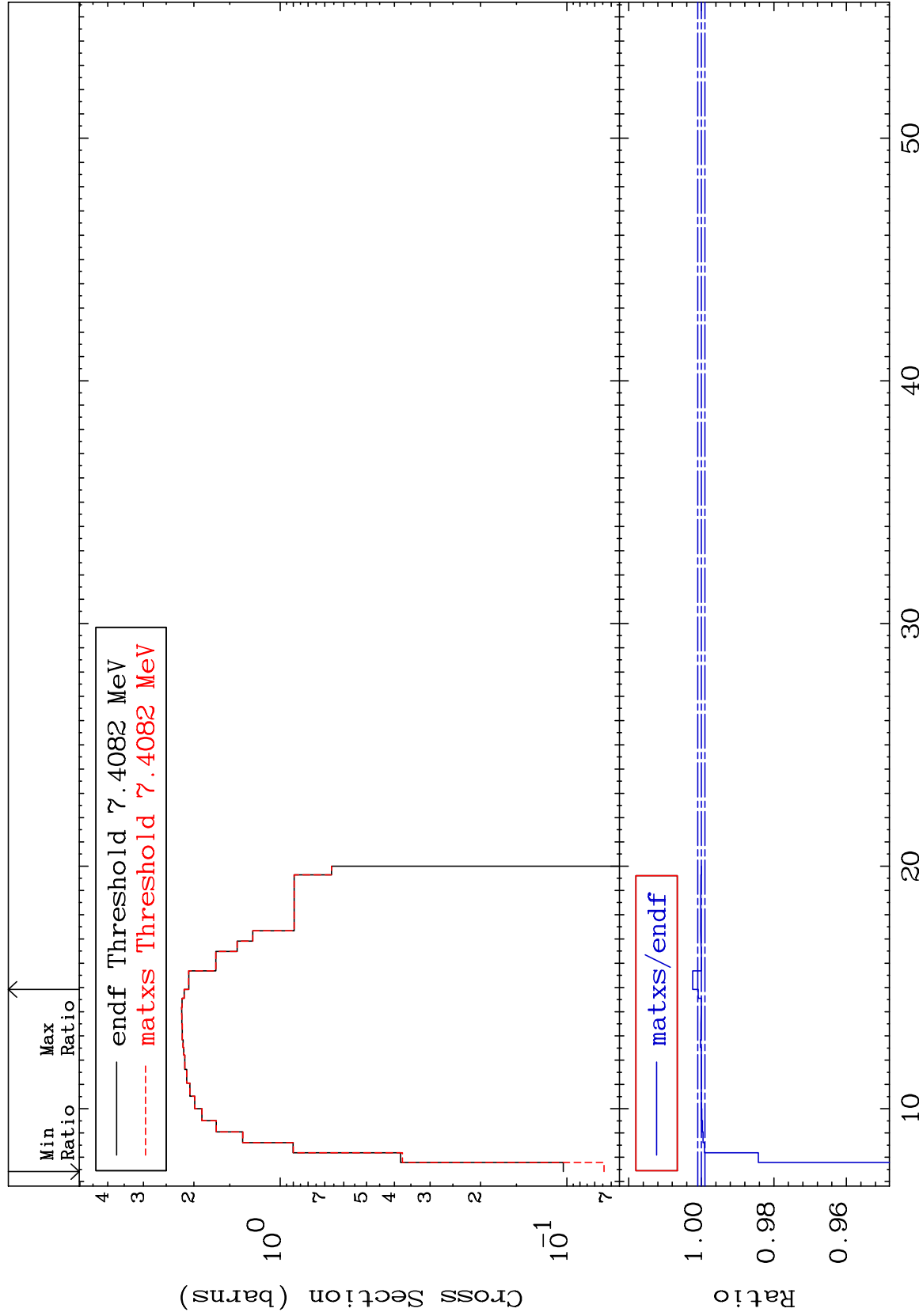
Incident Energy (eV)

⁷²Hf-180

MAT 7243

(n,2n)
Cross Section

⁷²Hf-180
-27.89 To 0.237 %



4

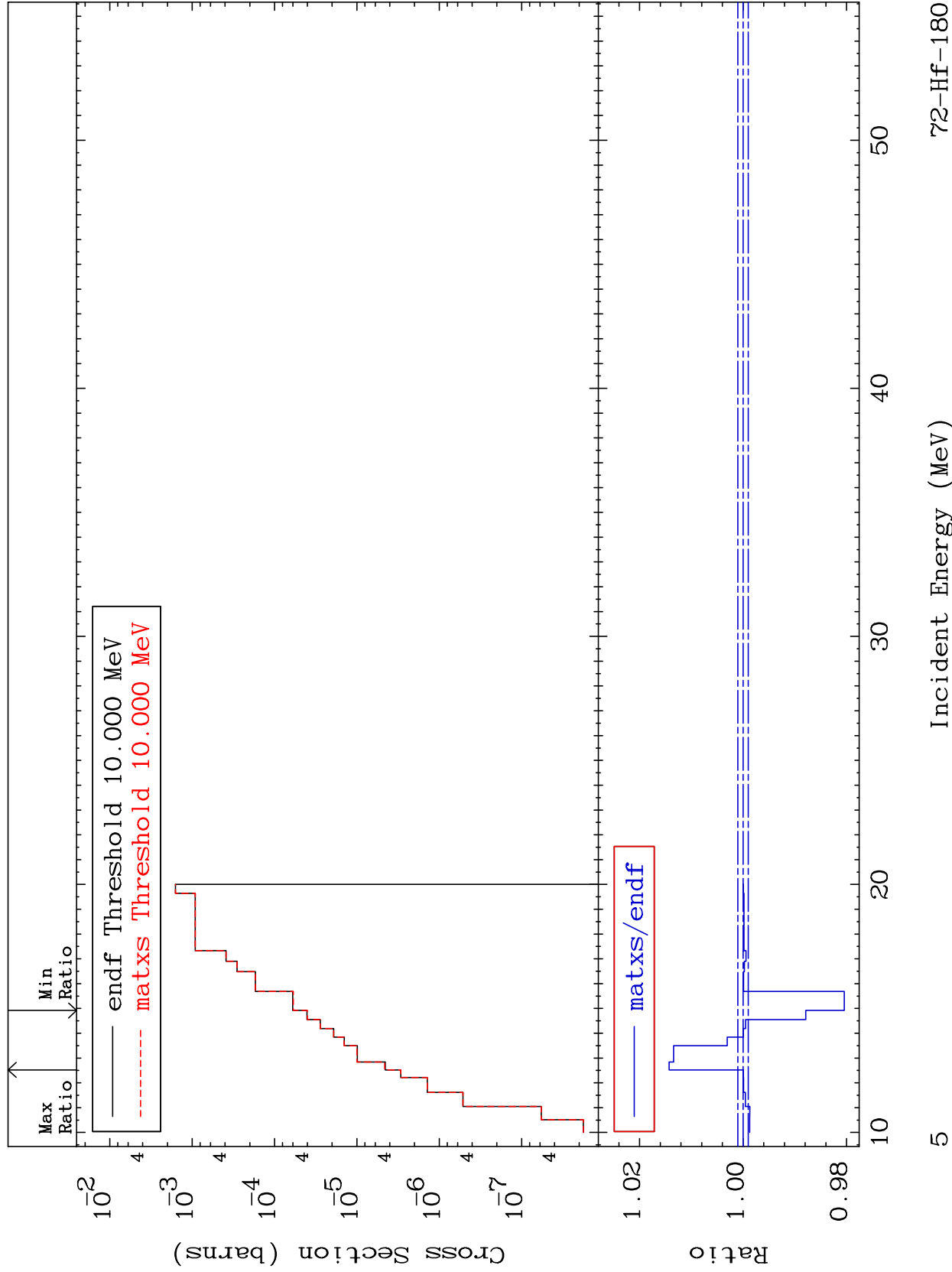
Incident Energy (MeV)

⁷²Hf-180

MAT 7243

(n, n') α
Cross Section

⁷²Hf-180
-1.956 To 1.429 %



5

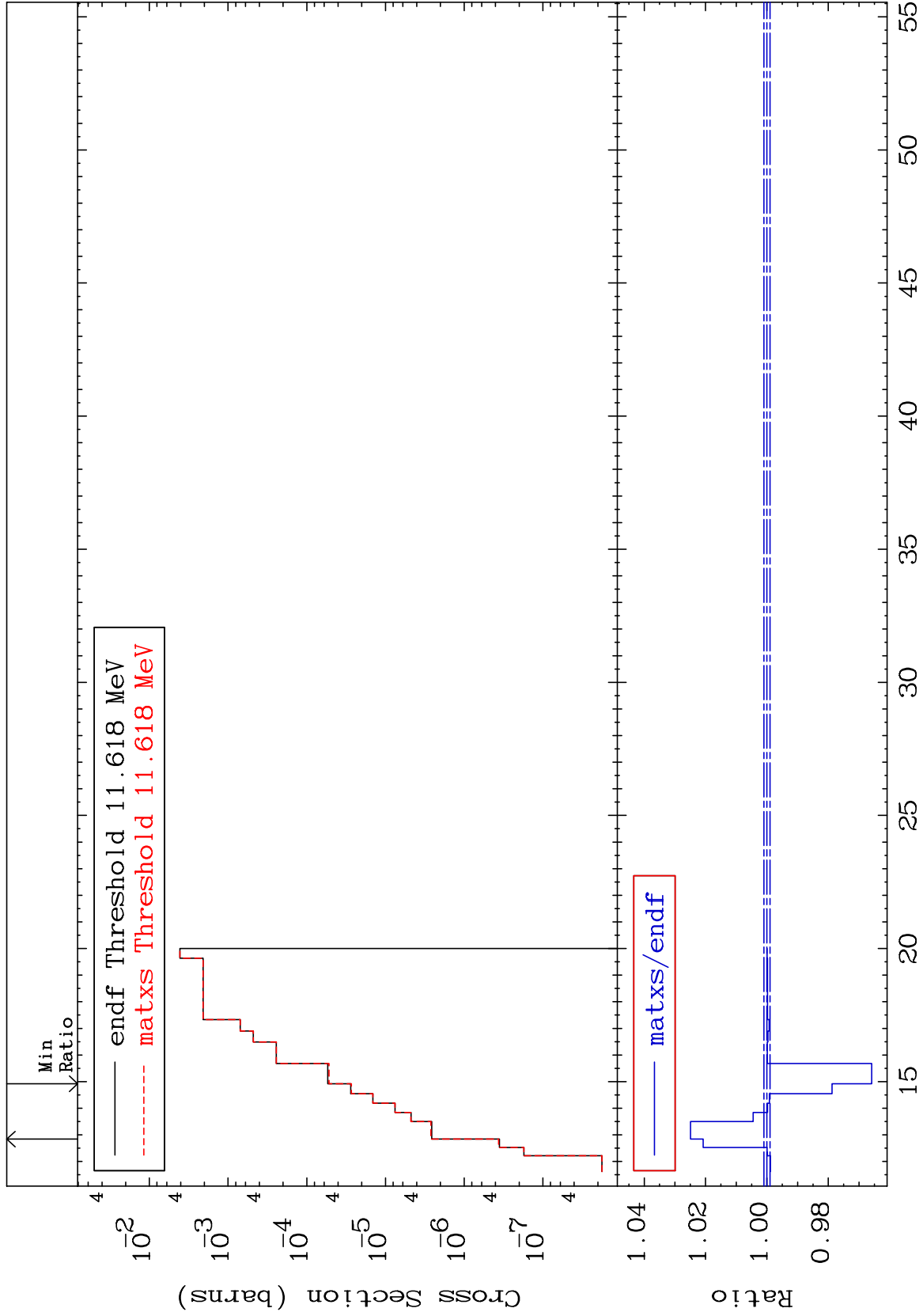
Incident Energy (MeV)

⁷²Hf-180

MAT 7243

(n, n') p
Cross Section

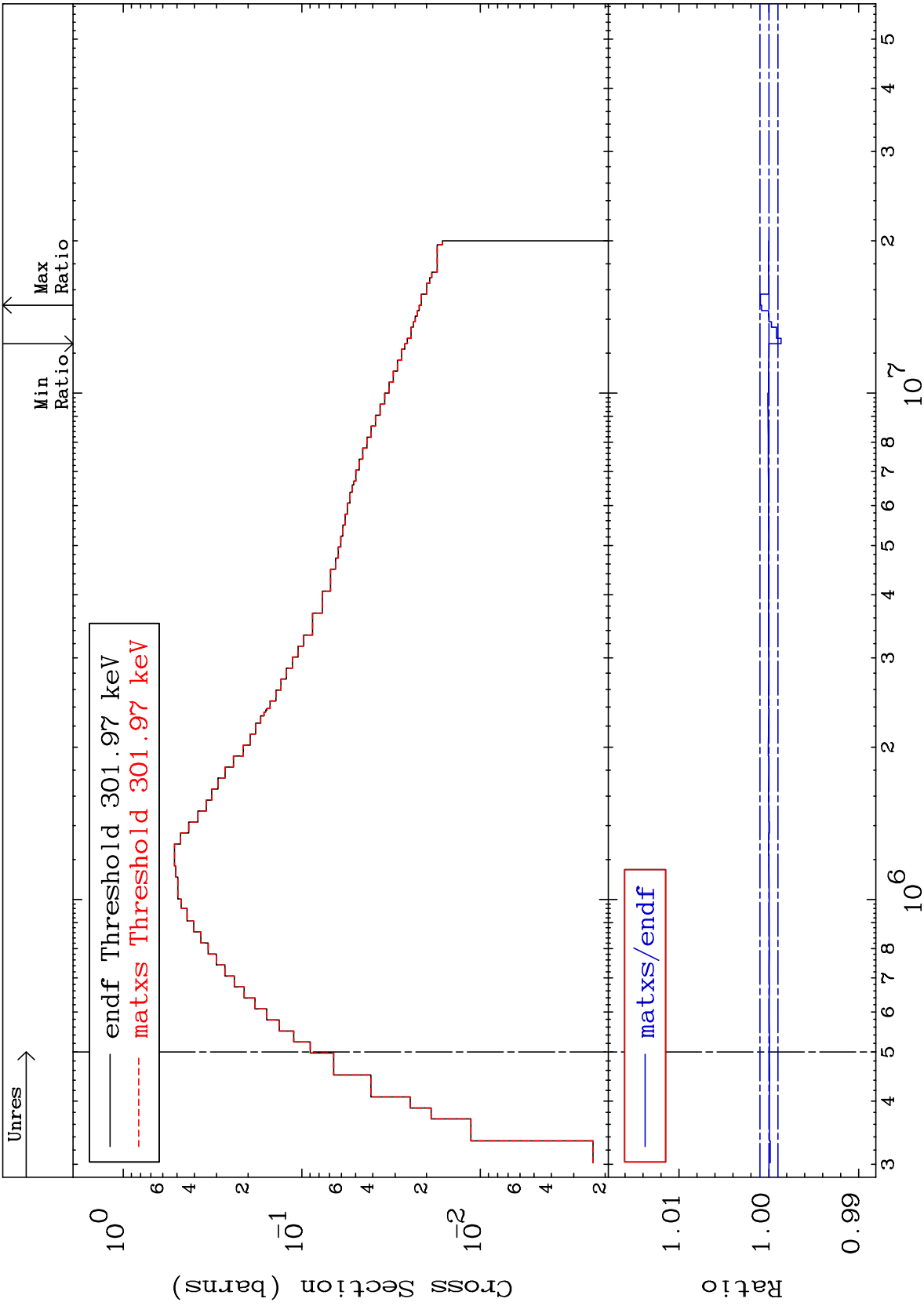
⁷²Hf-180
-3.414 To 2.490 %



MAT 7243

308.6 keV (n,n') Level
Cross Section

72-Hf-180
-0.137 To 0.095 %



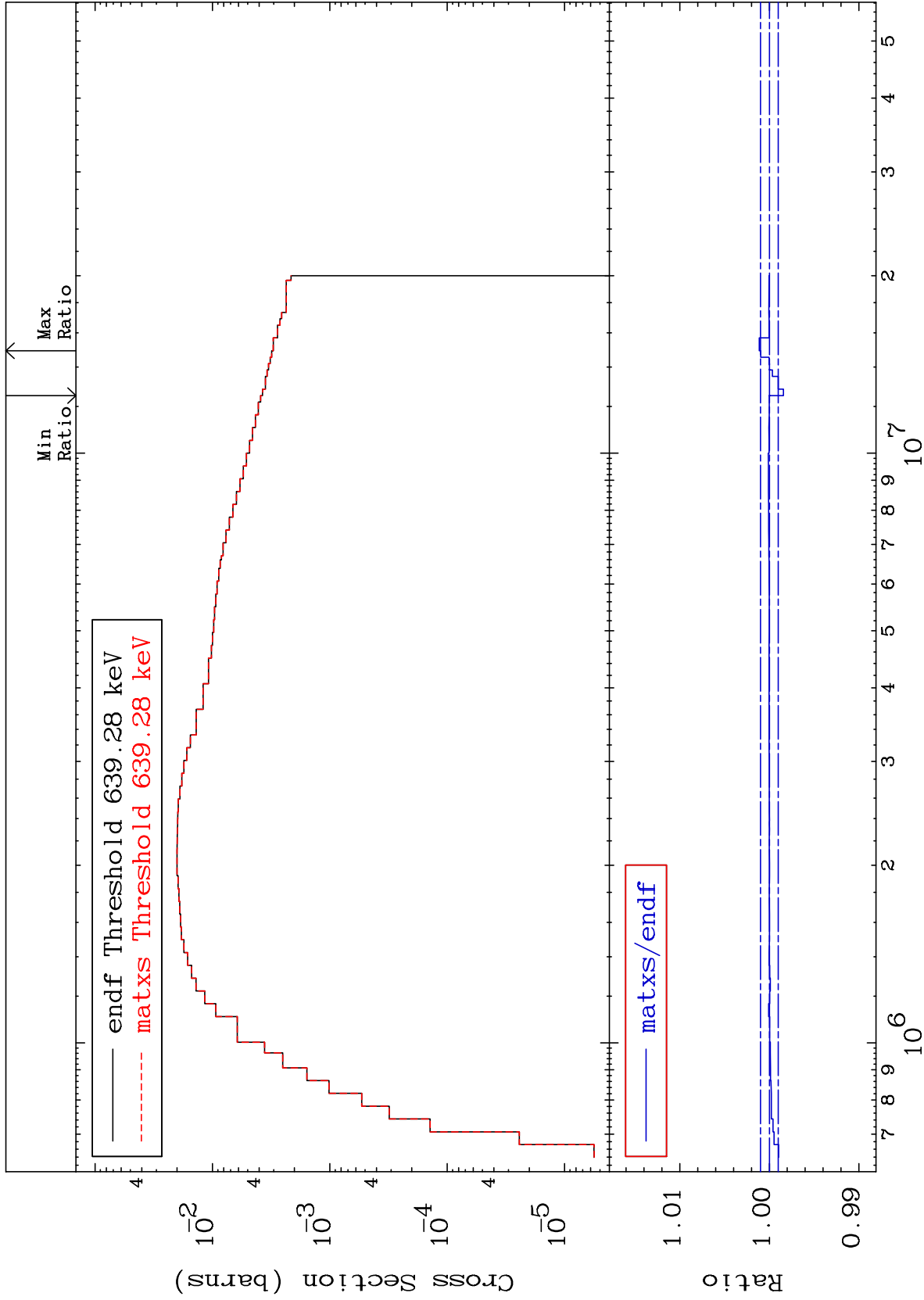
7

72-Hf-180

MAT 7243

640.9 keV (n,n') Level
Cross Section

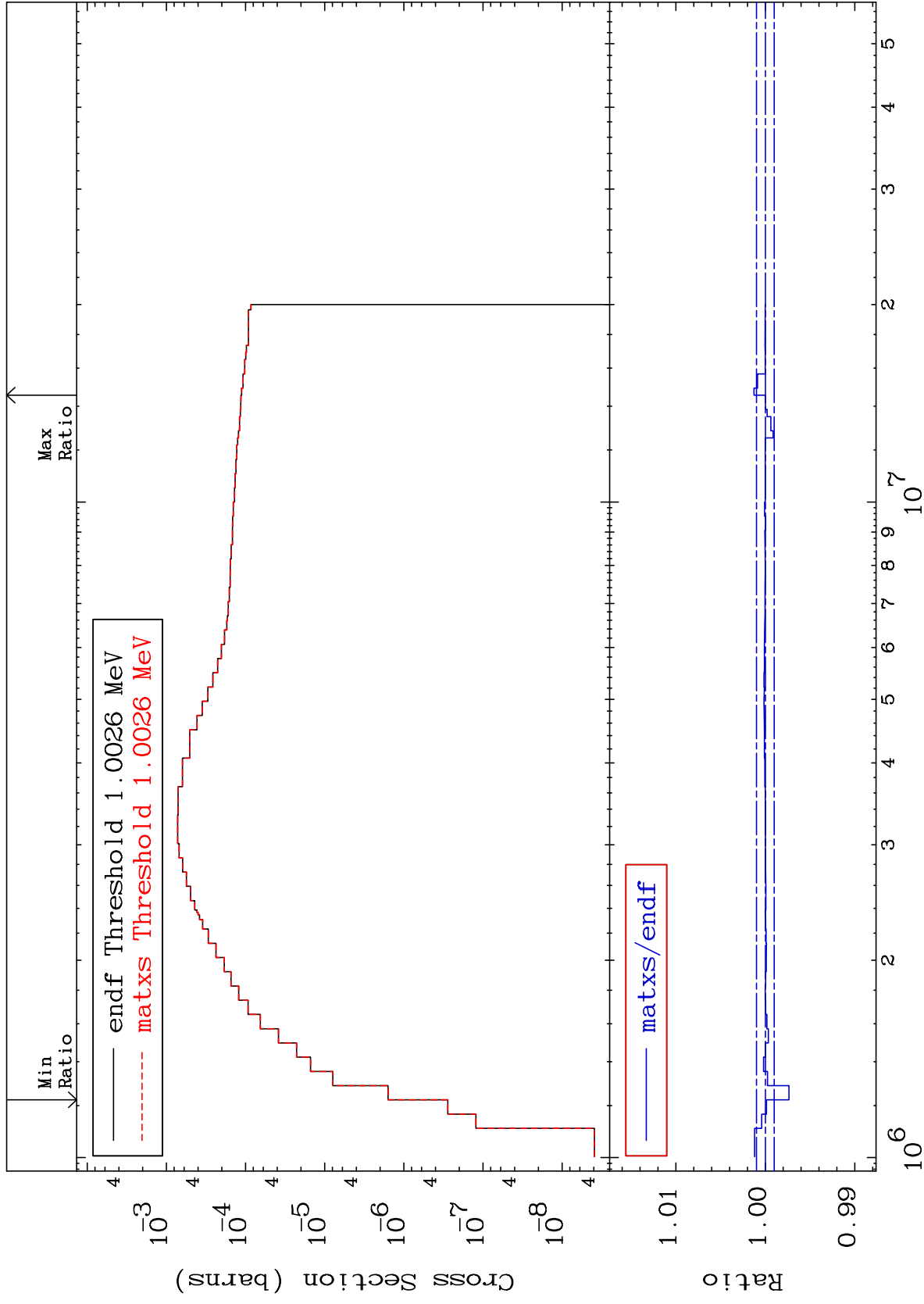
72-Hf-180
-0.156 To 0.114 %



MAT 7243

1.084 MeV (n,n') Level
Cross Section

⁷²Hf-180
-0.264 To 0.128 %

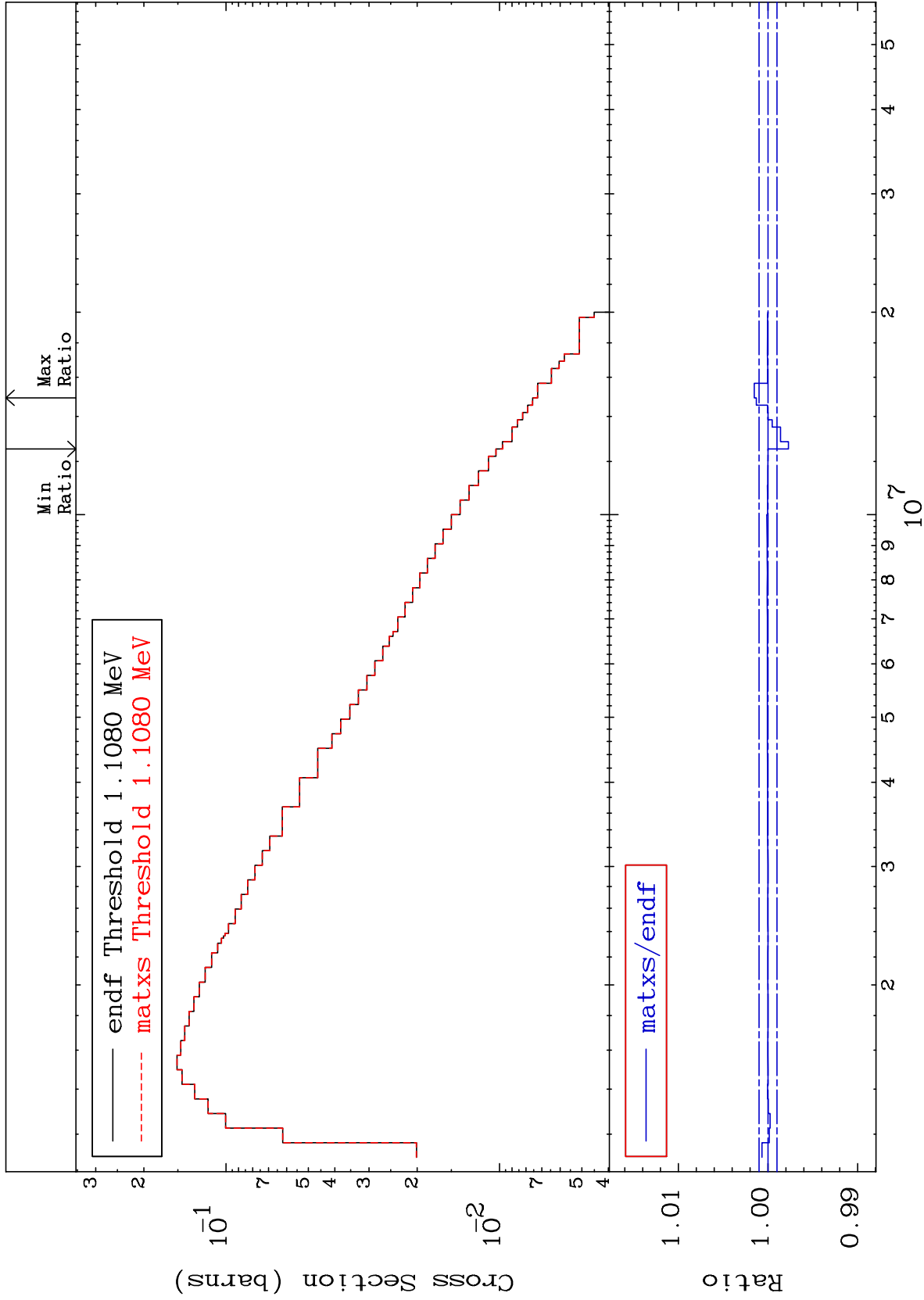


⁷²Hf-180

MAT 7243

1.102 MeV (n,n') Level
Cross Section

72-Hf-180
-0.228 To 0.155 %



10

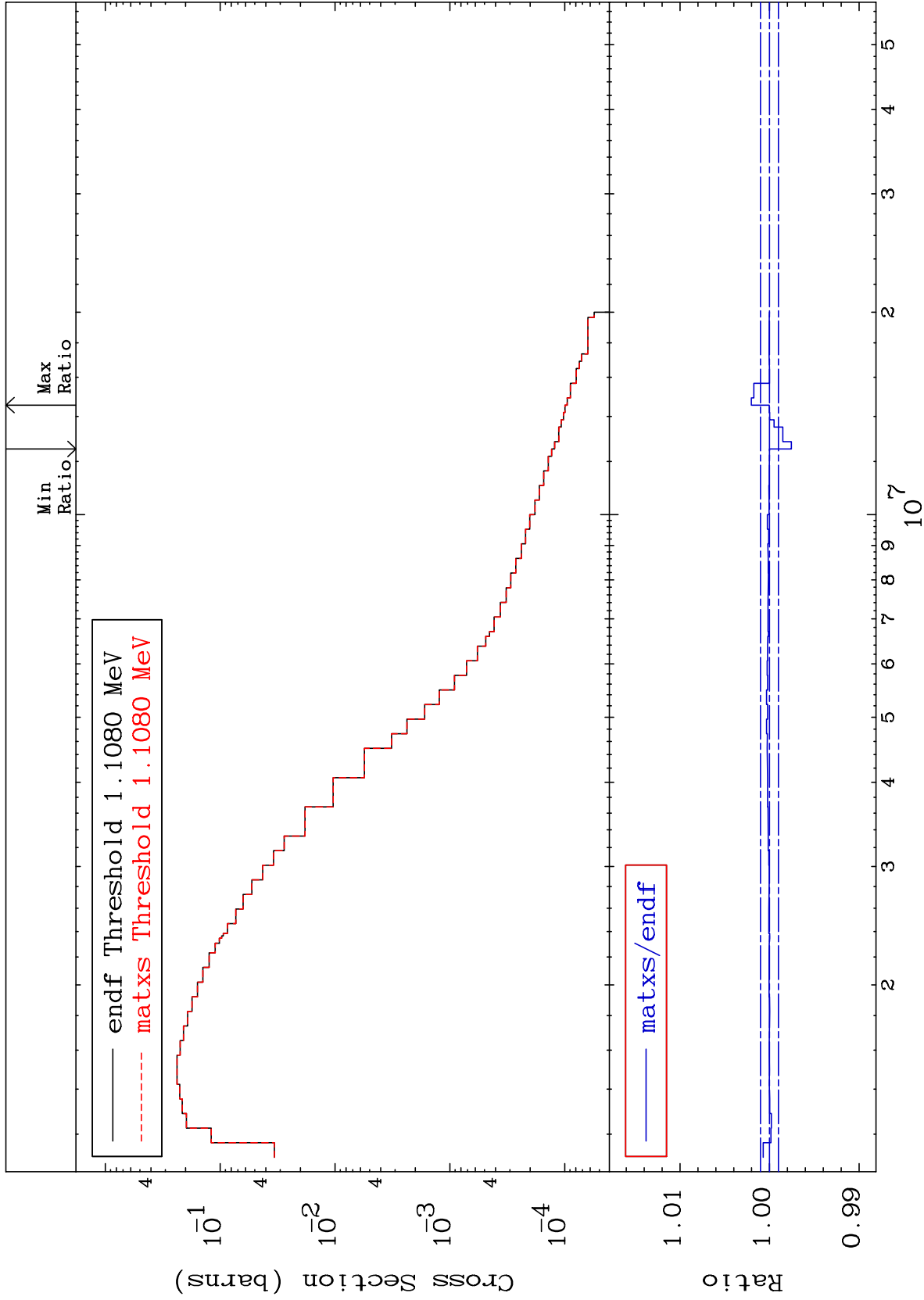
Incident Energy (eV)

72-Hf-180

MAT 7243

1.108 MeV (n,n') Level
Cross Section

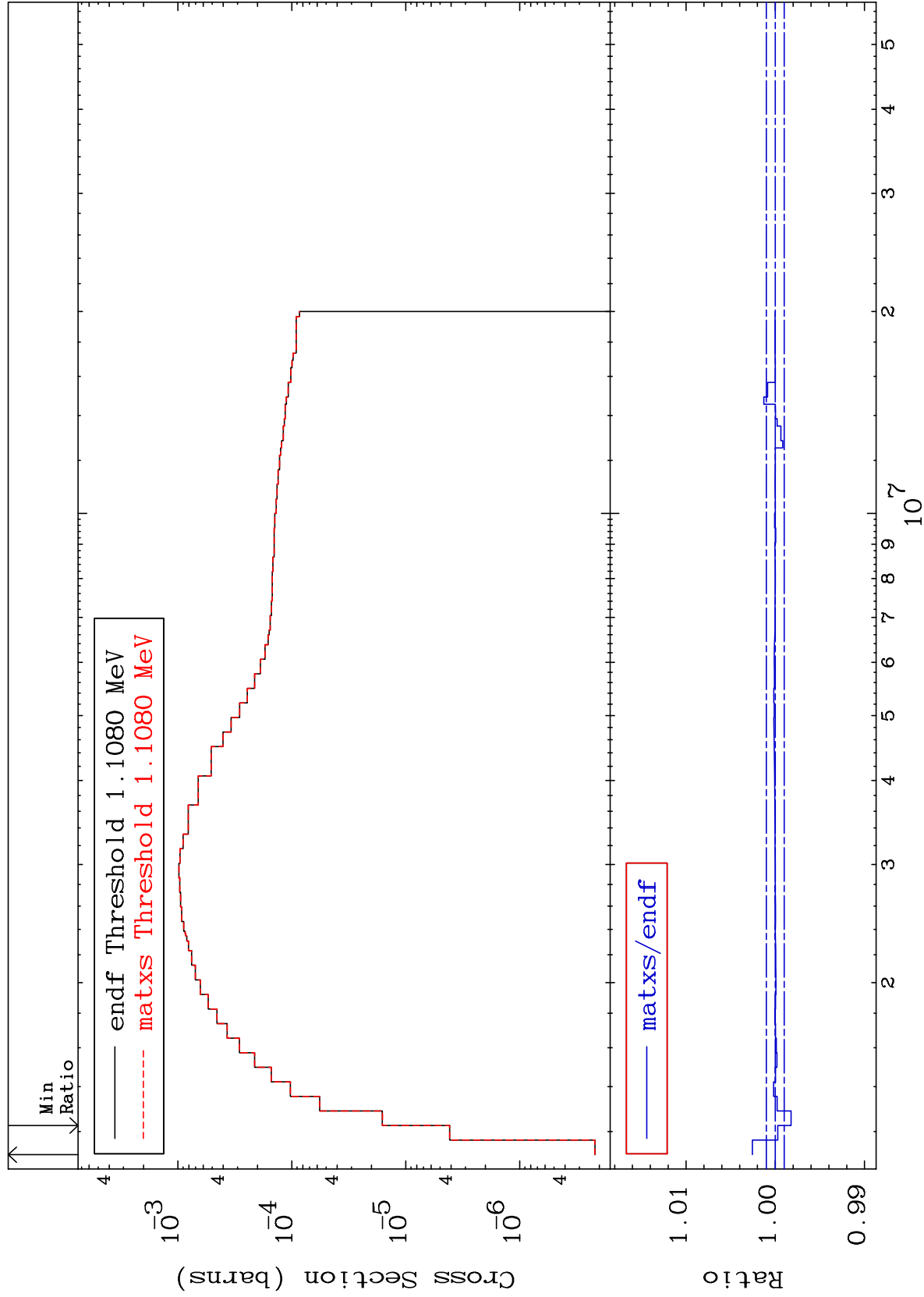
72-Hf-180
-0.243 To 0.204 %



MAT 7243

1.141 MeV (n,n') Level
Cross Section

72-Hf-180
-0.176 To 0.258 %



12

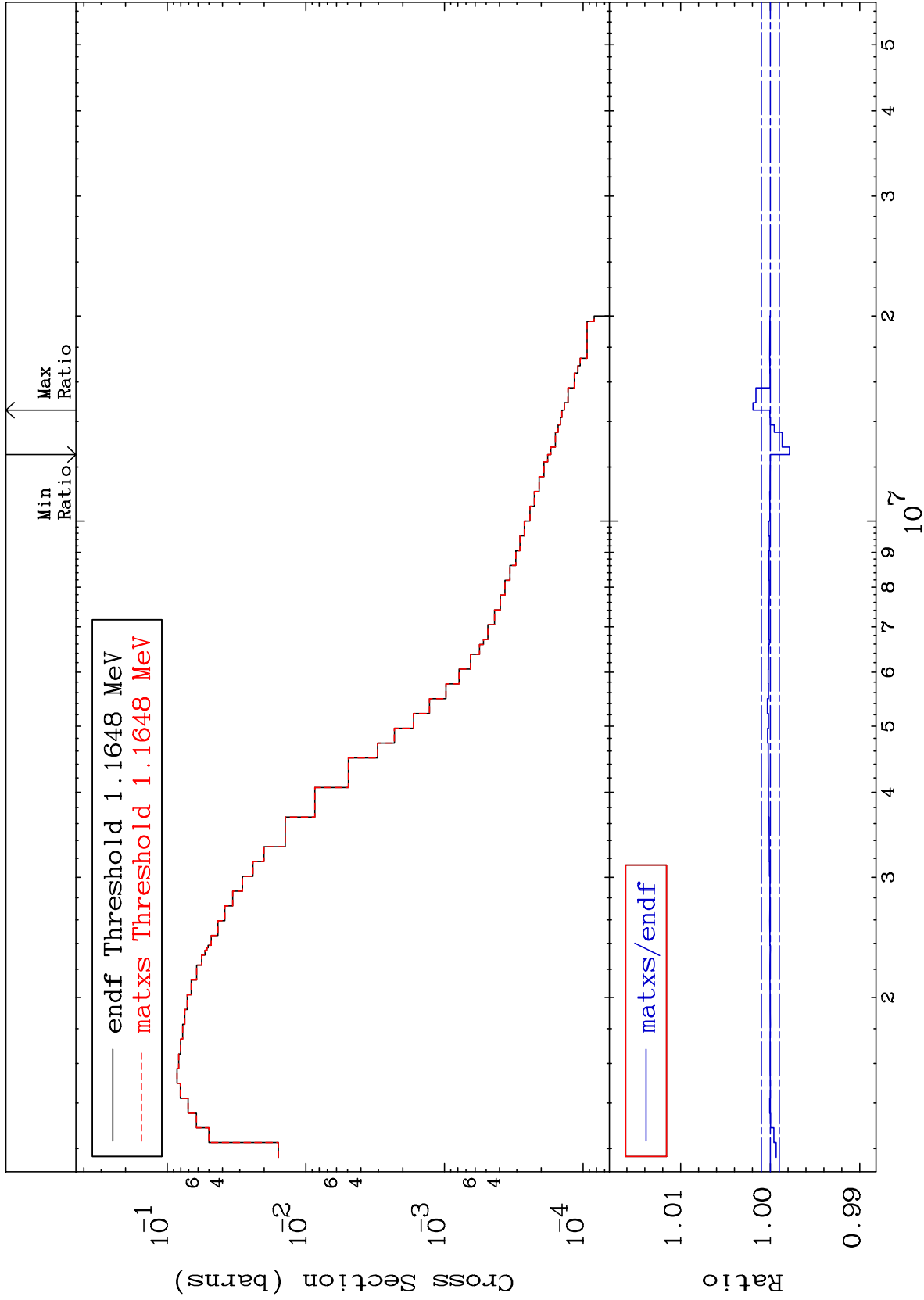
Incident Energy (eV)

72-Hf-180

MAT 7243

1.164 MeV (n,n') Level
Cross Section

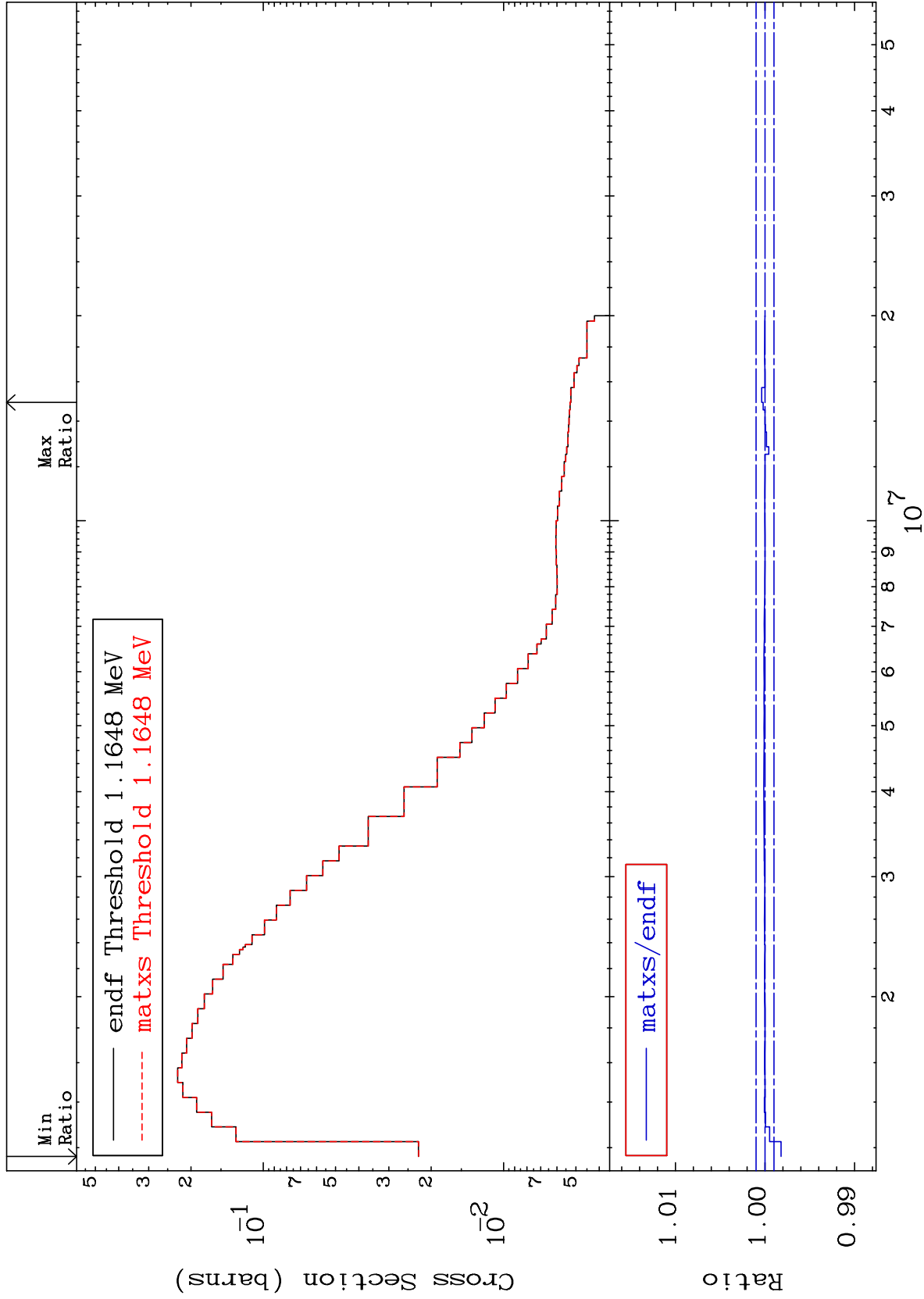
72-Hf-180
-0.216 To 0.193 %



MAT 7243

1.183 MeV (n,n') Level
Cross Section

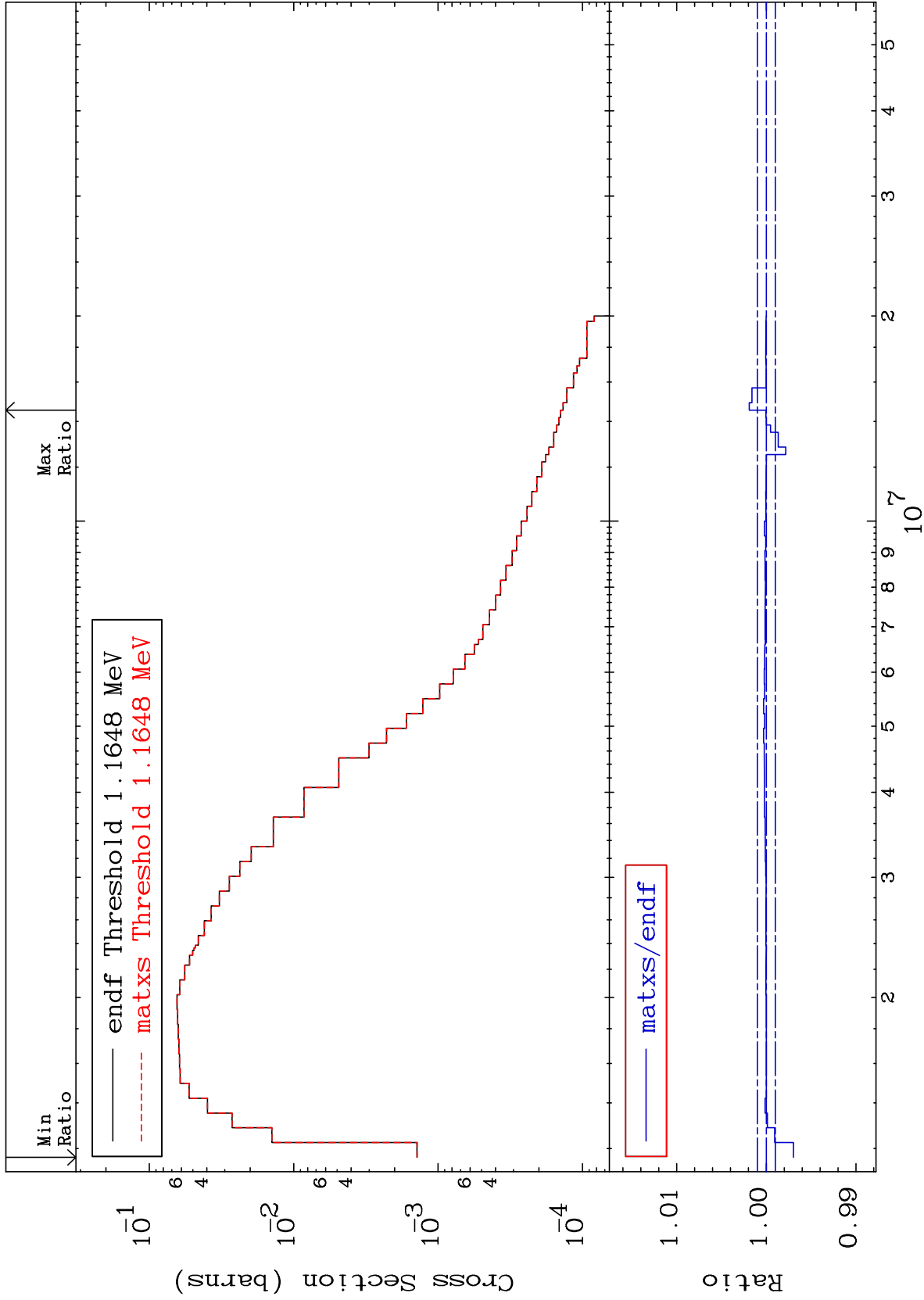
⁷²Hf-180
-0.180 To 0.037 %



MAT 7243

1.193 MeV (n,n') Level
Cross Section

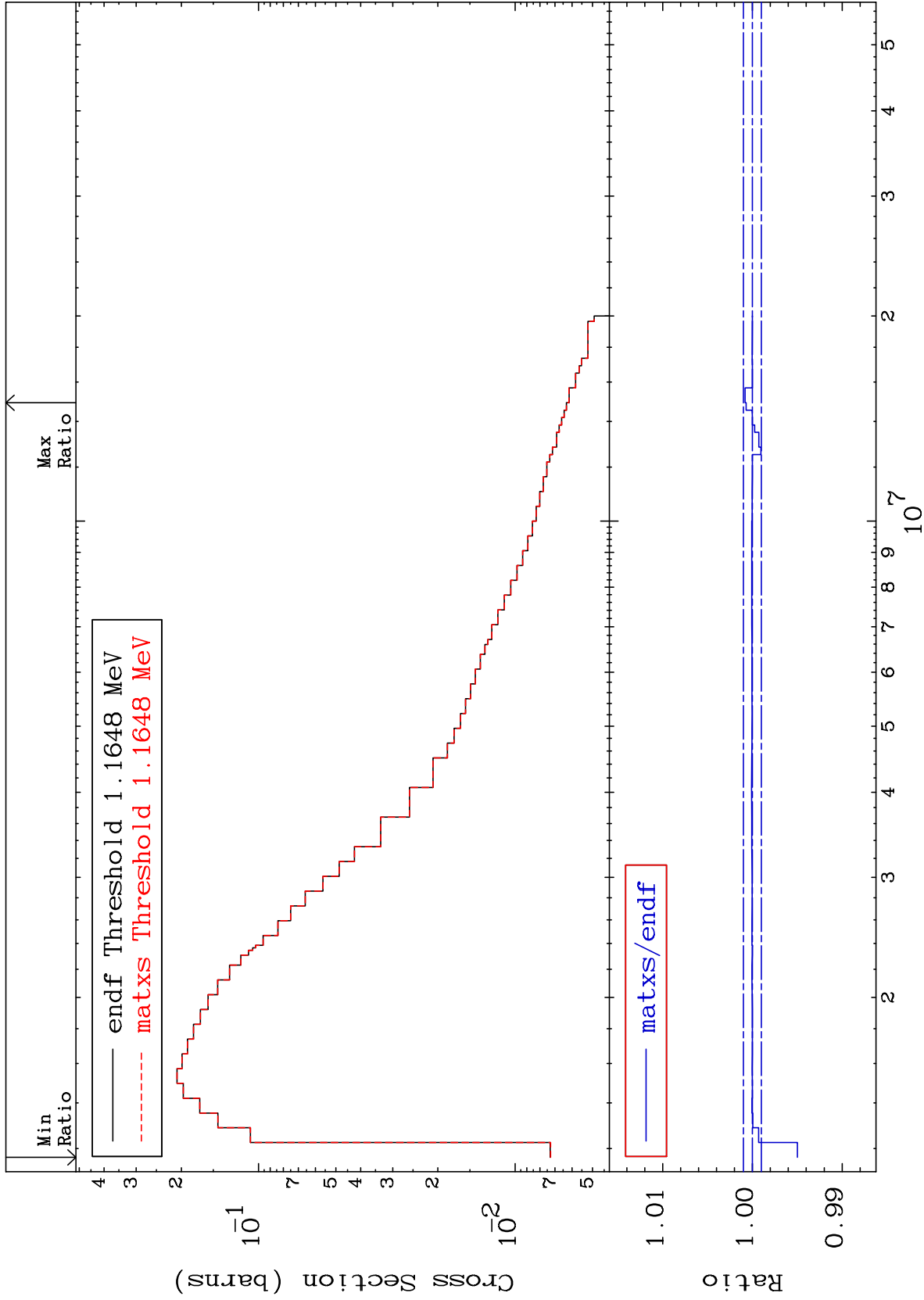
72-Hf-180
-0.302 To 0.191 %



MAT 7243

1.200 MeV (n,n') Level
Cross Section

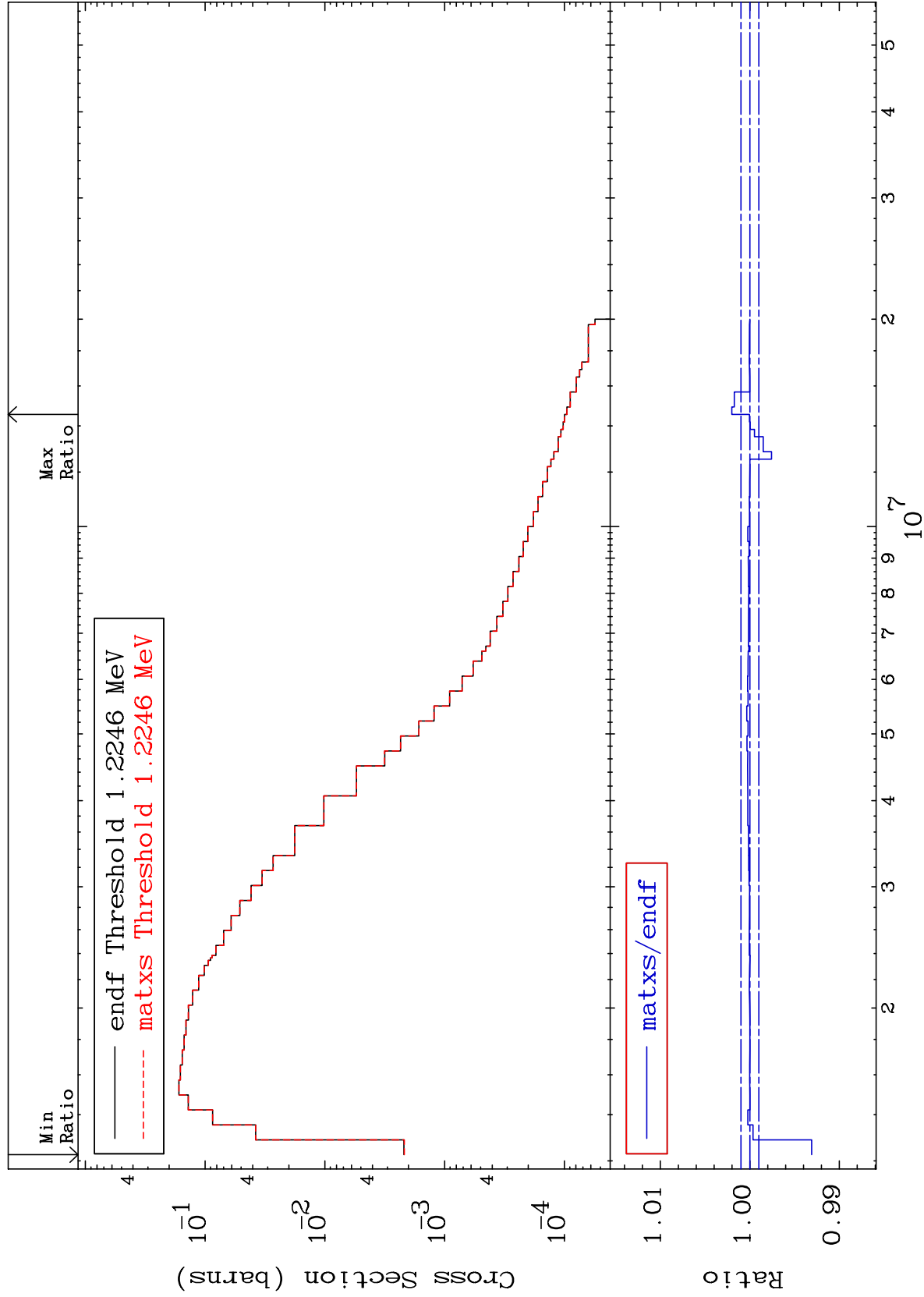
⁷²Hf-180
-0.501 To 0.081 %



MAT 7243

1.261 MeV (n,n') Level
Cross Section

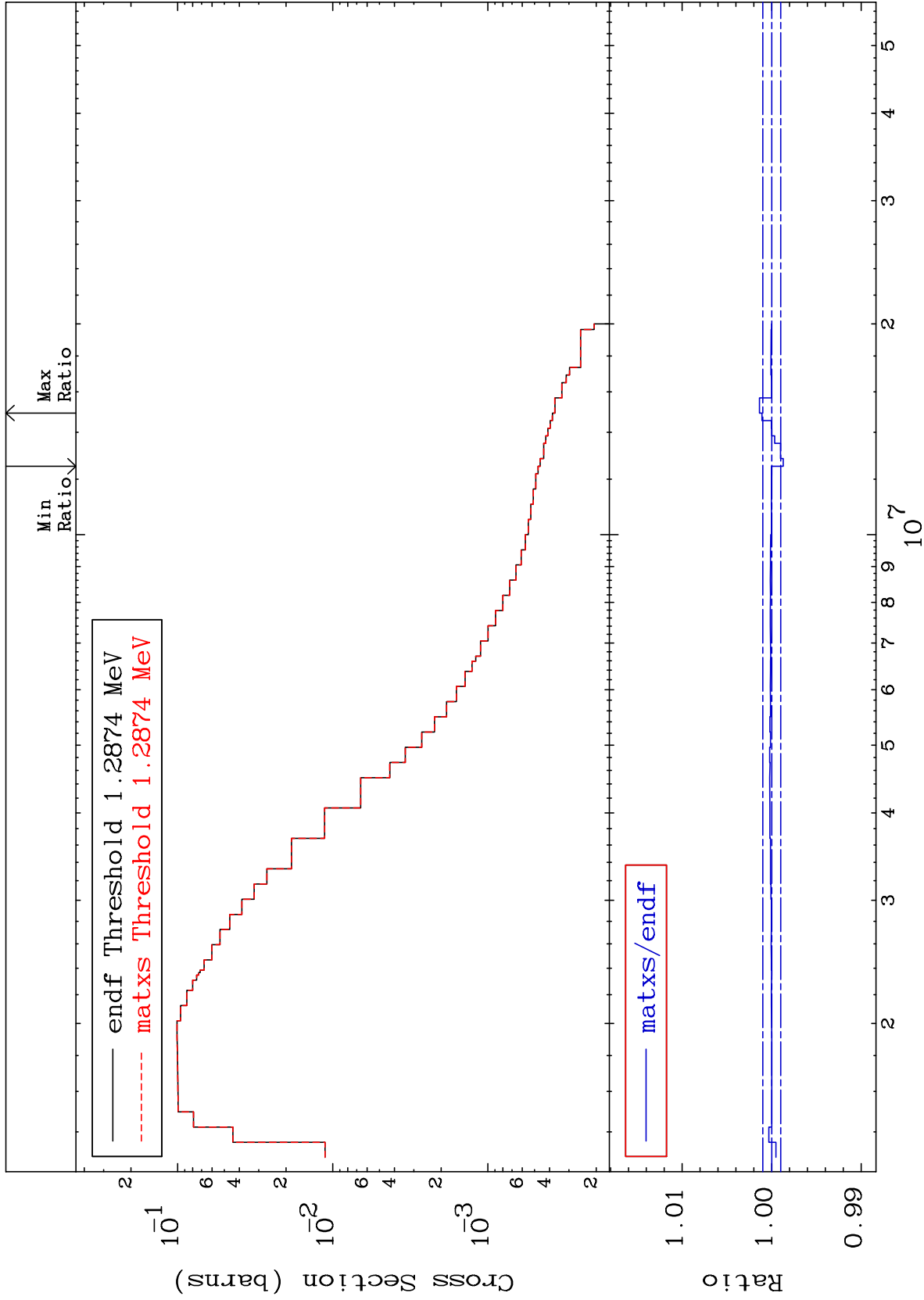
72-Hf-180
-0.689 To 0.203 %



MAT 7243

1.291 MeV (n,n') Level
Cross Section

72-Hf-180
-0.128 To 0.137 %



18

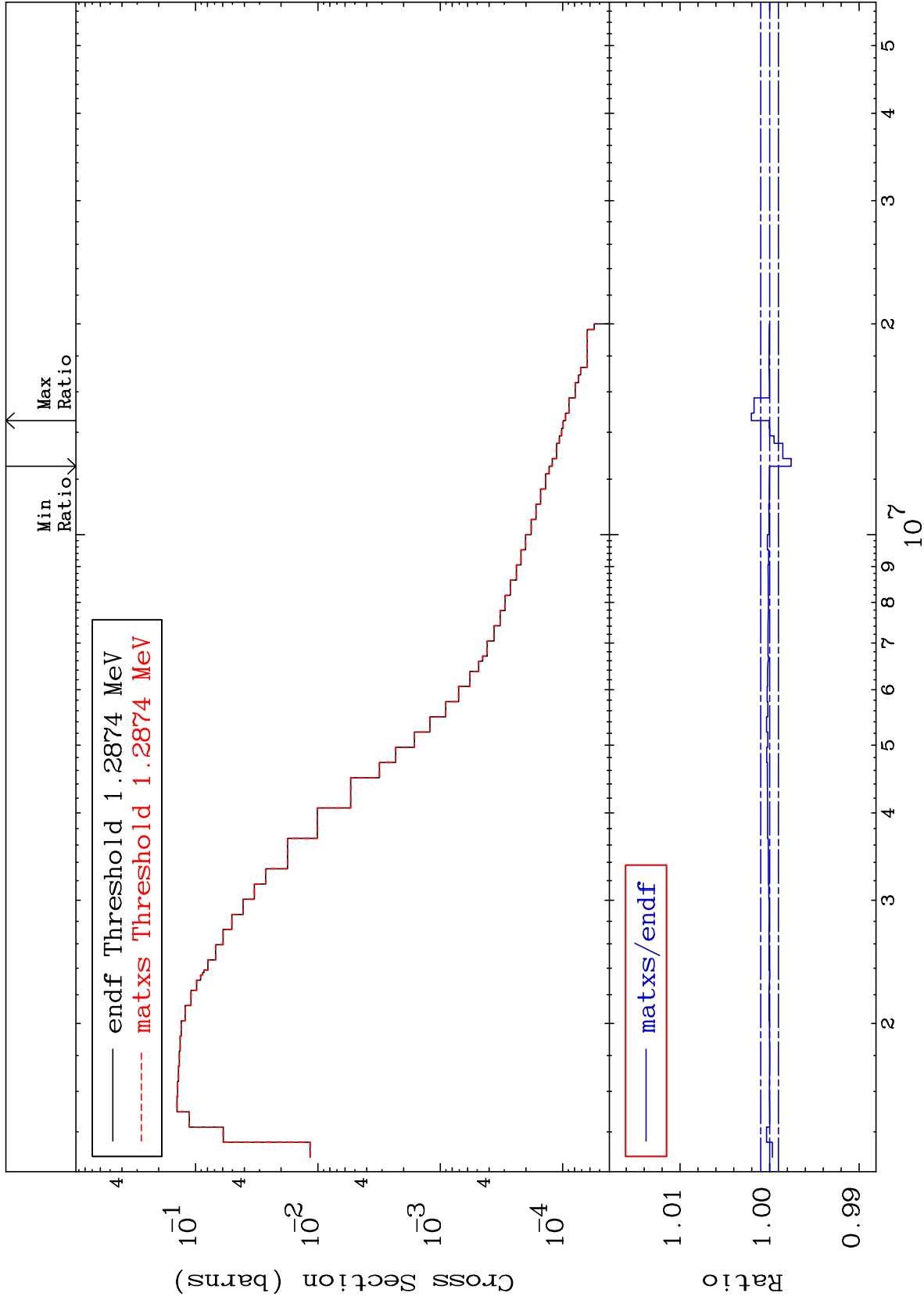
Incident Energy (eV)

72-Hf-180

MAT 7243

1.300 MeV (n,n') Level
Cross Section

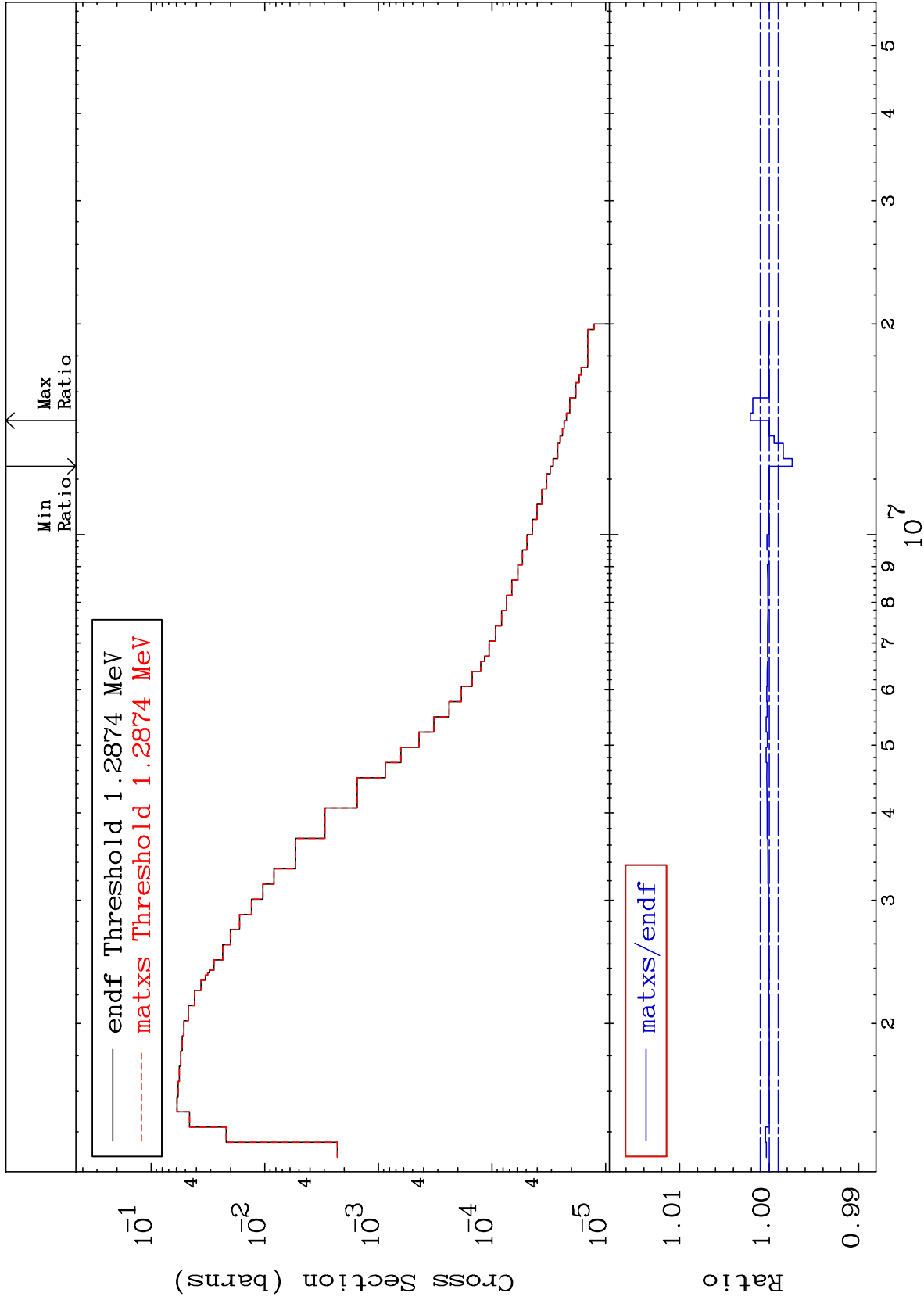
72-Hf-180
-0.240 To 0.203 %



MAT 7243

1.316 MeV (n,n') Level
Cross Section

72-Hf-180
-0.257 To 0.211 %



20

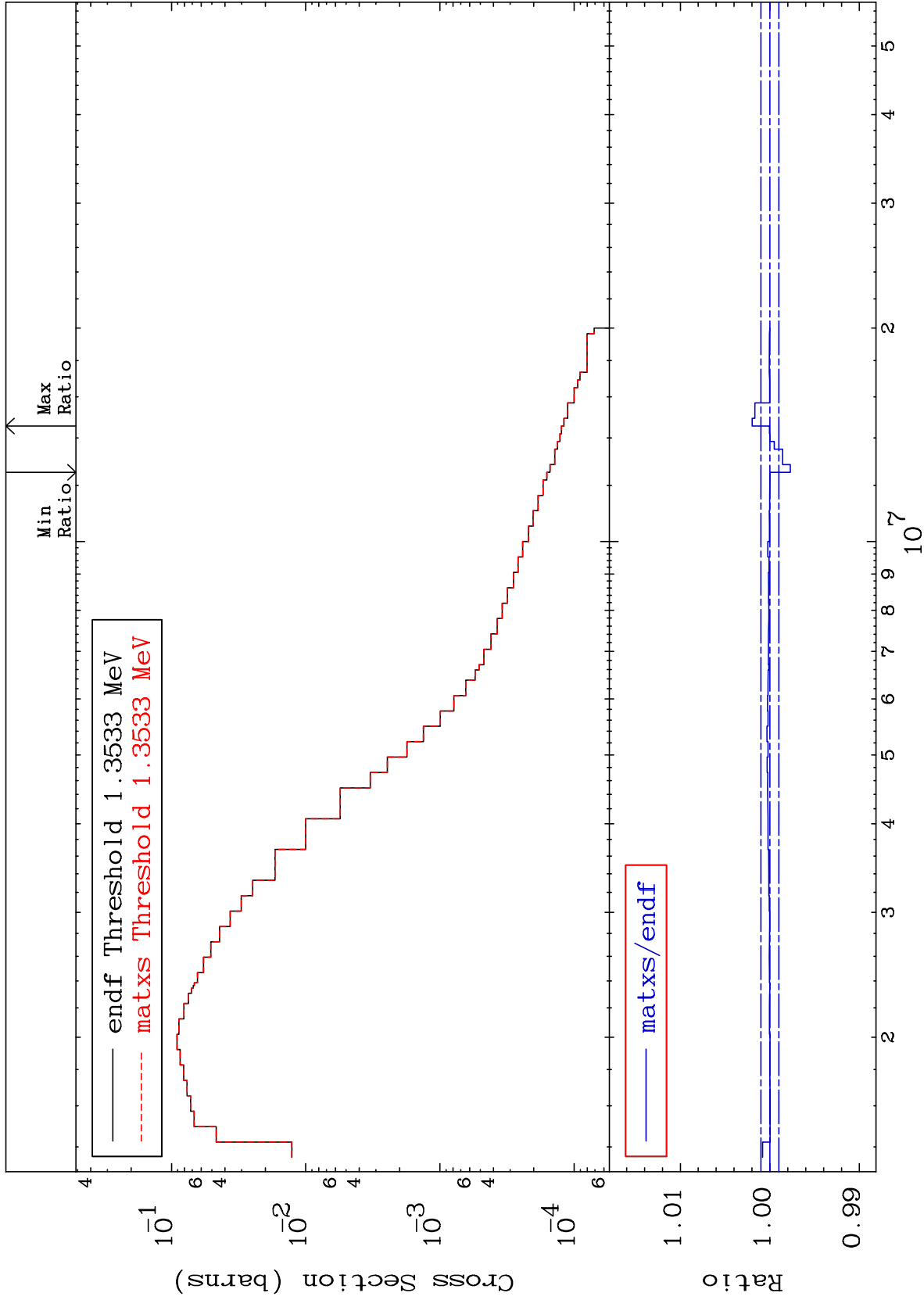
Incident Energy (eV)

72-Hf-180

MAT 7243

1.354 MeV (n,n') Level
Cross Section

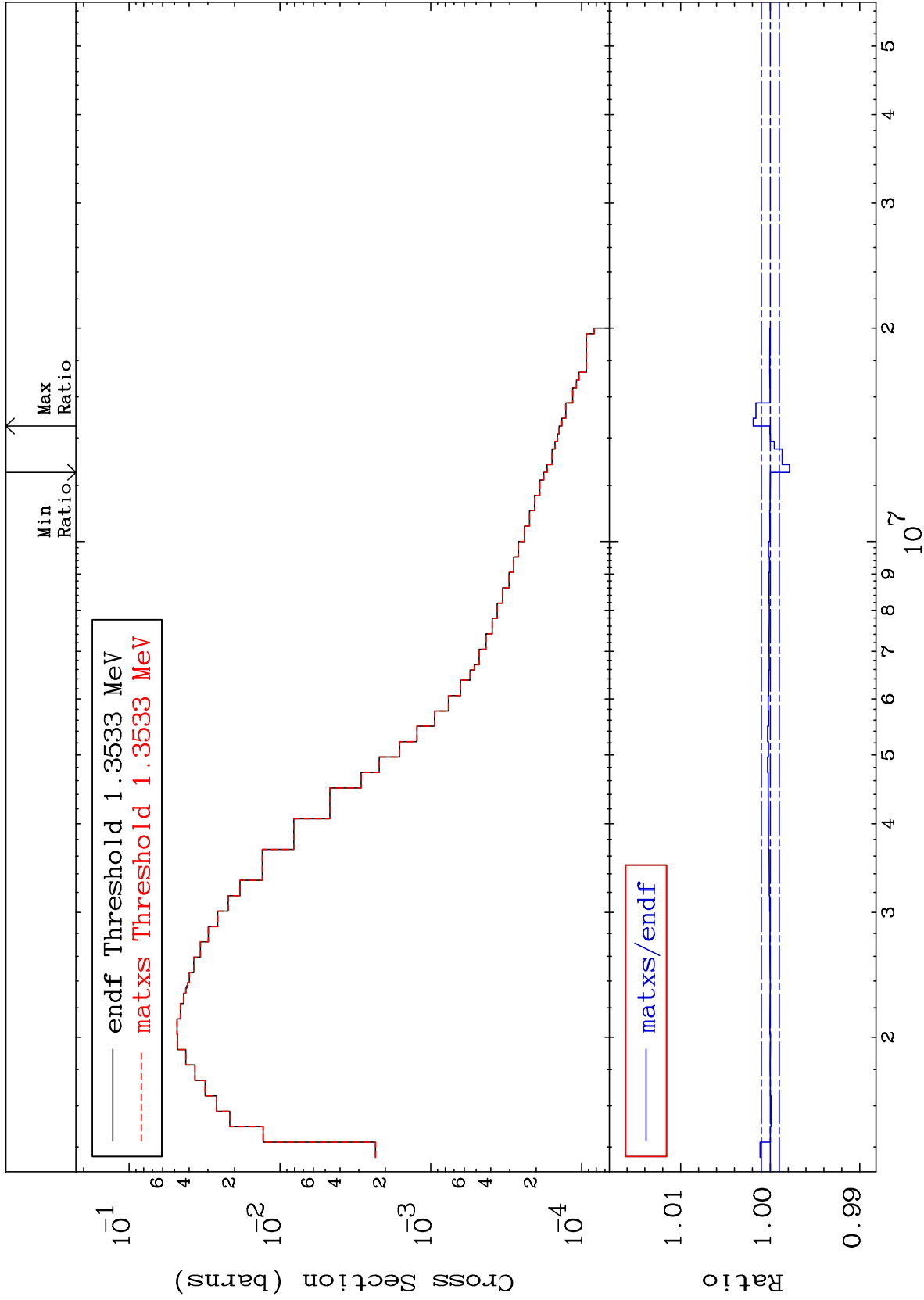
72-Hf-180
-0.229 To 0.198 %



MAT 7243

1.370 MeV (n,n') Level
Cross Section

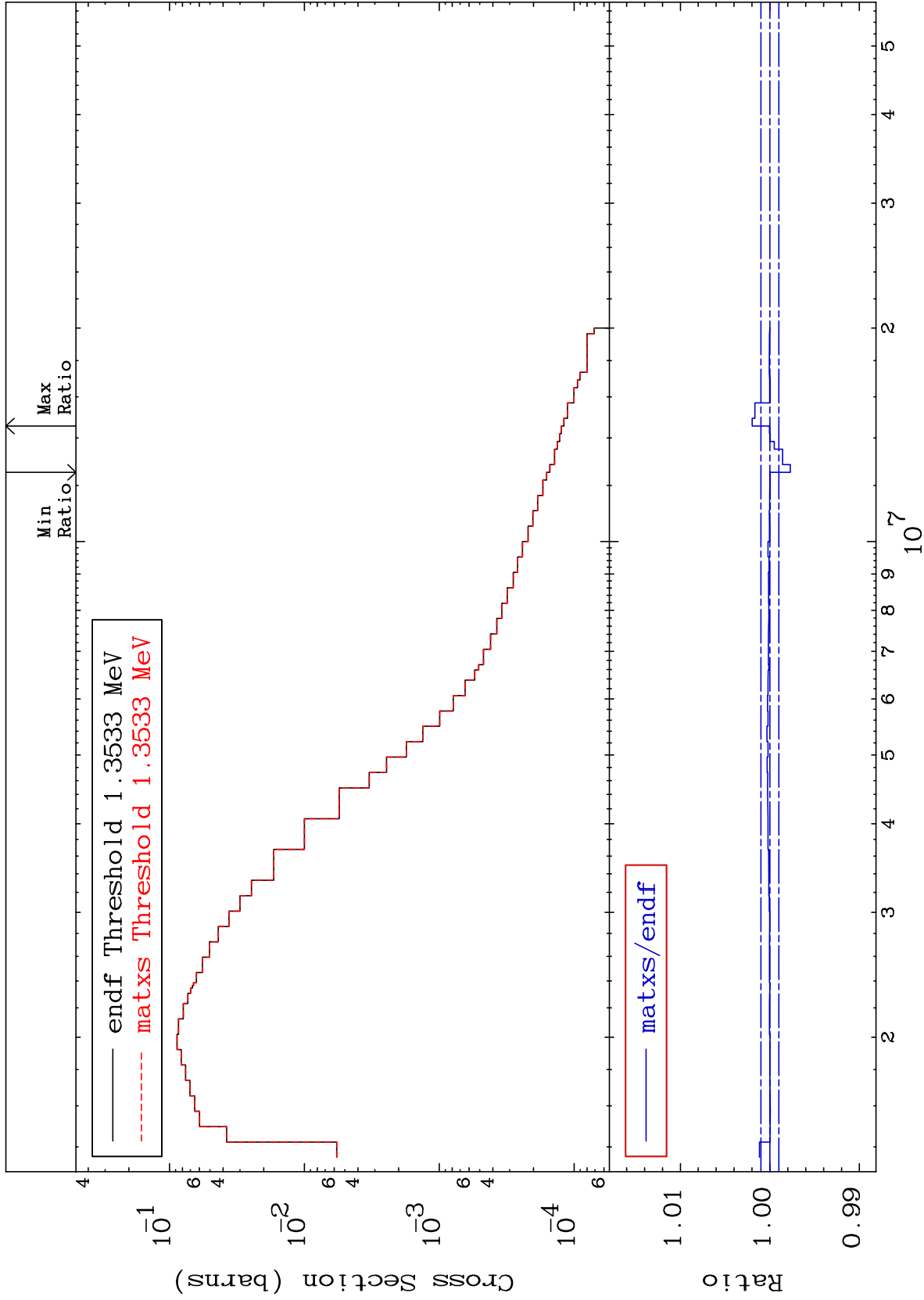
⁷²Hf-180
-0.214 To 0.191 %



MAT 7243

1.374 MeV (n,n') Level
Cross Section

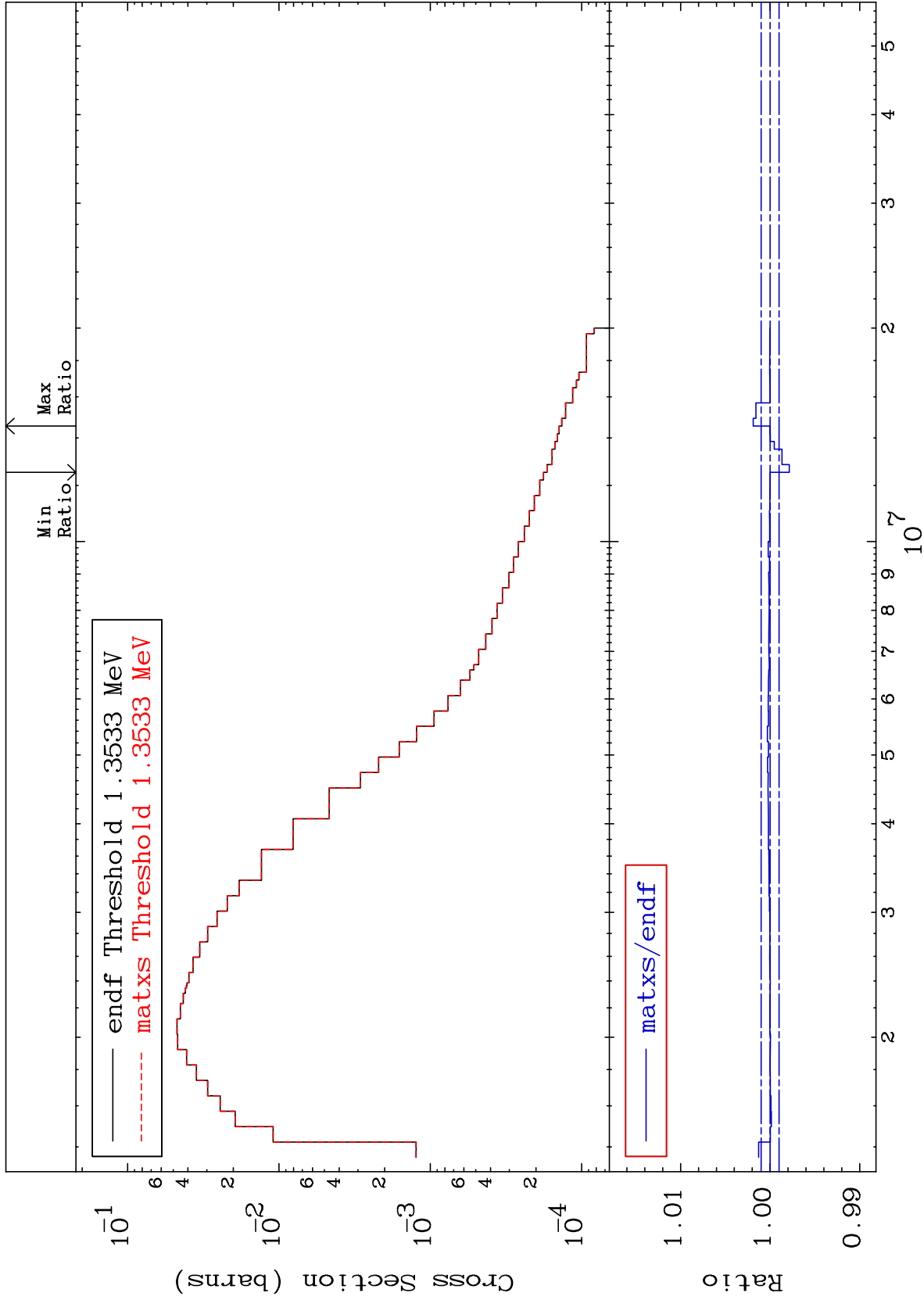
72-Hf-180
-0.229 To 0.198 %



MAT 7243

1.382 MeV (n,n') Level
Cross Section

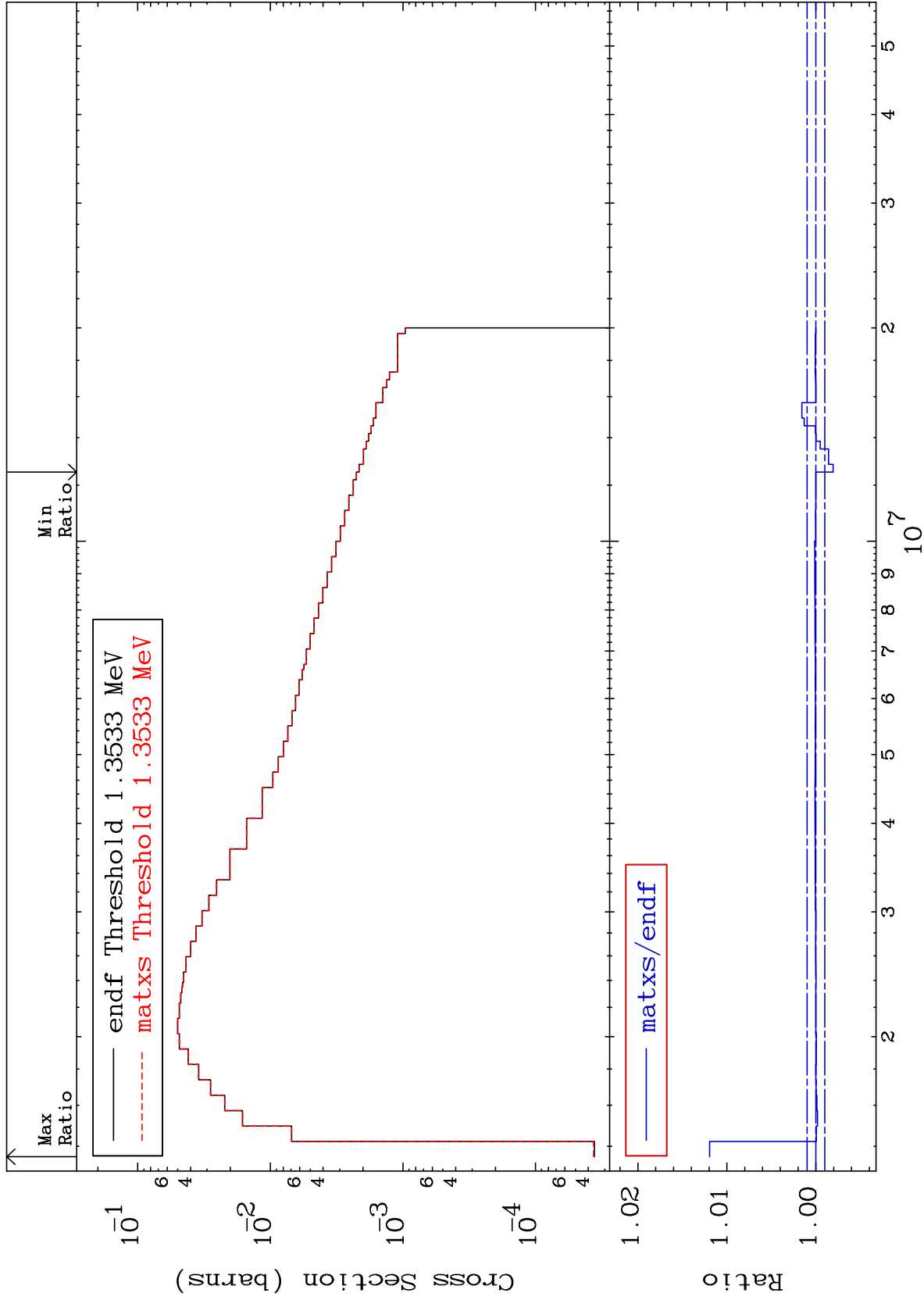
⁷²Hf-180
-0.214 To 0.189 %



MAT 7243

1.409 MeV (n,n') Level
Cross Section

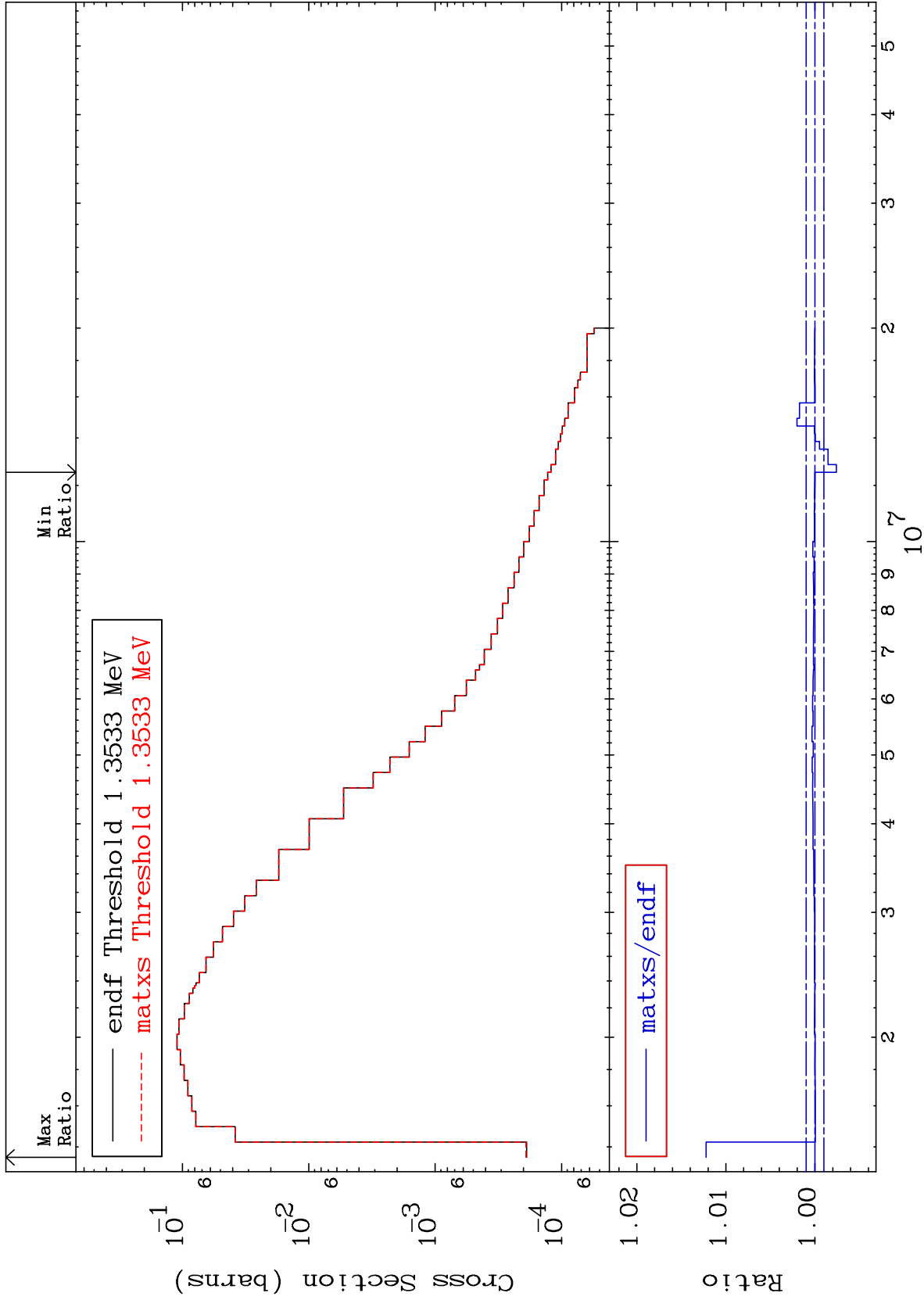
72-Hf-180
-0.194 To 1.195 %



MAT 7243

1.409 MeV (n,n') Level
Cross Section

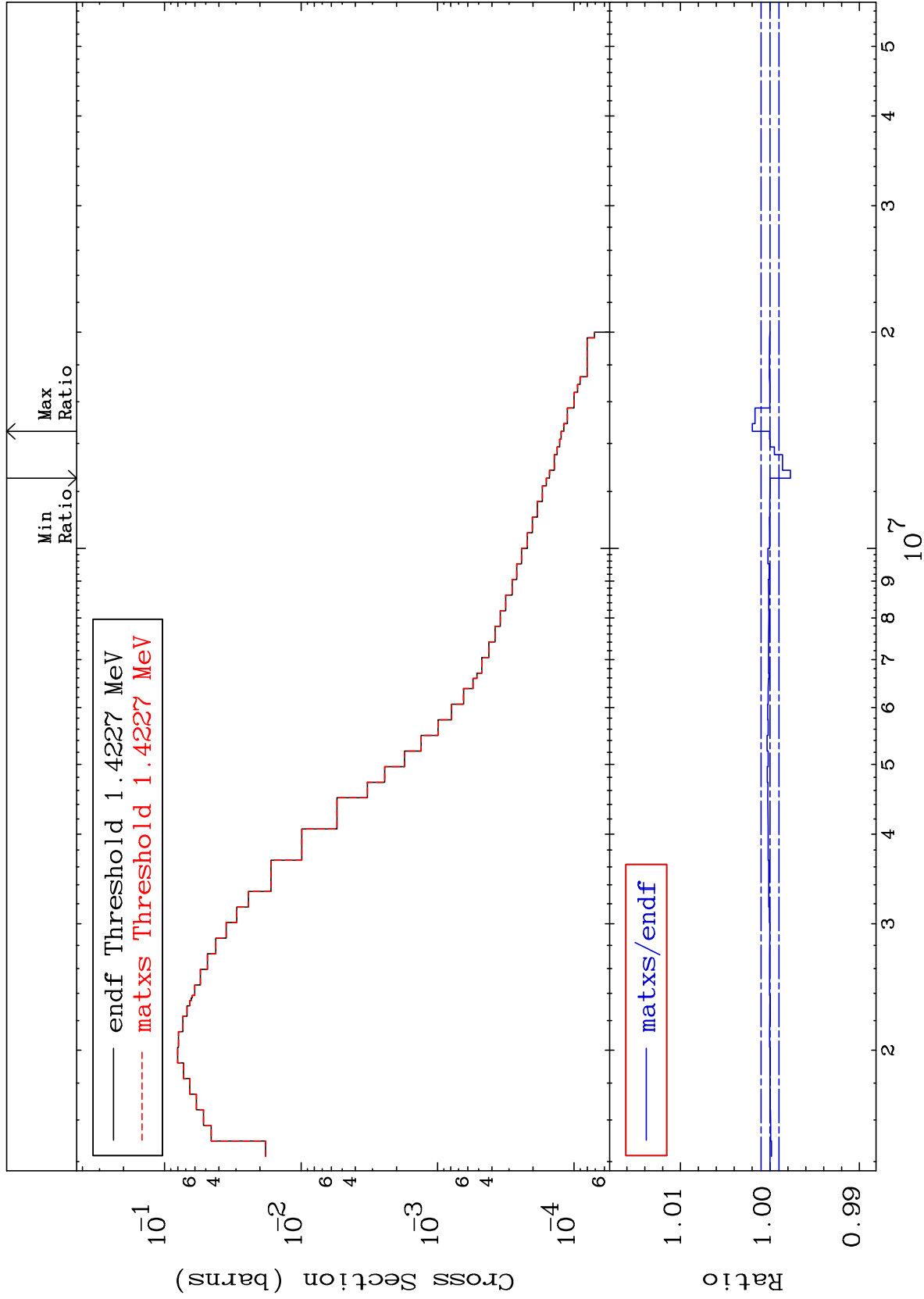
72-Hf-180
-0.241 To 1.222 %



MAT 7243

1.421 MeV (n,n') Level
Cross Section

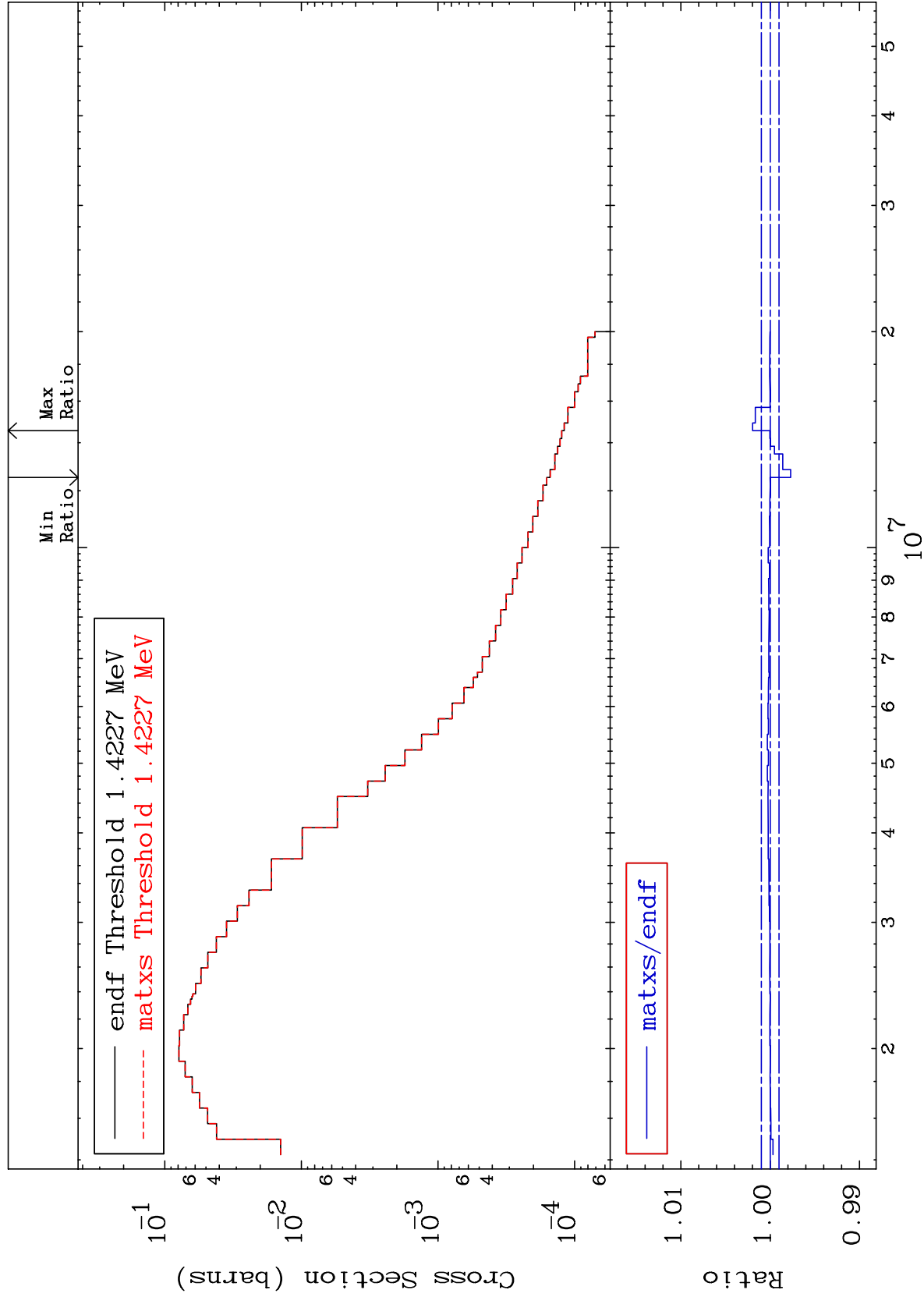
72-Hf-180
-0.229 To 0.198 %



MAT 7243

1.430 MeV (n,n') Level
Cross Section

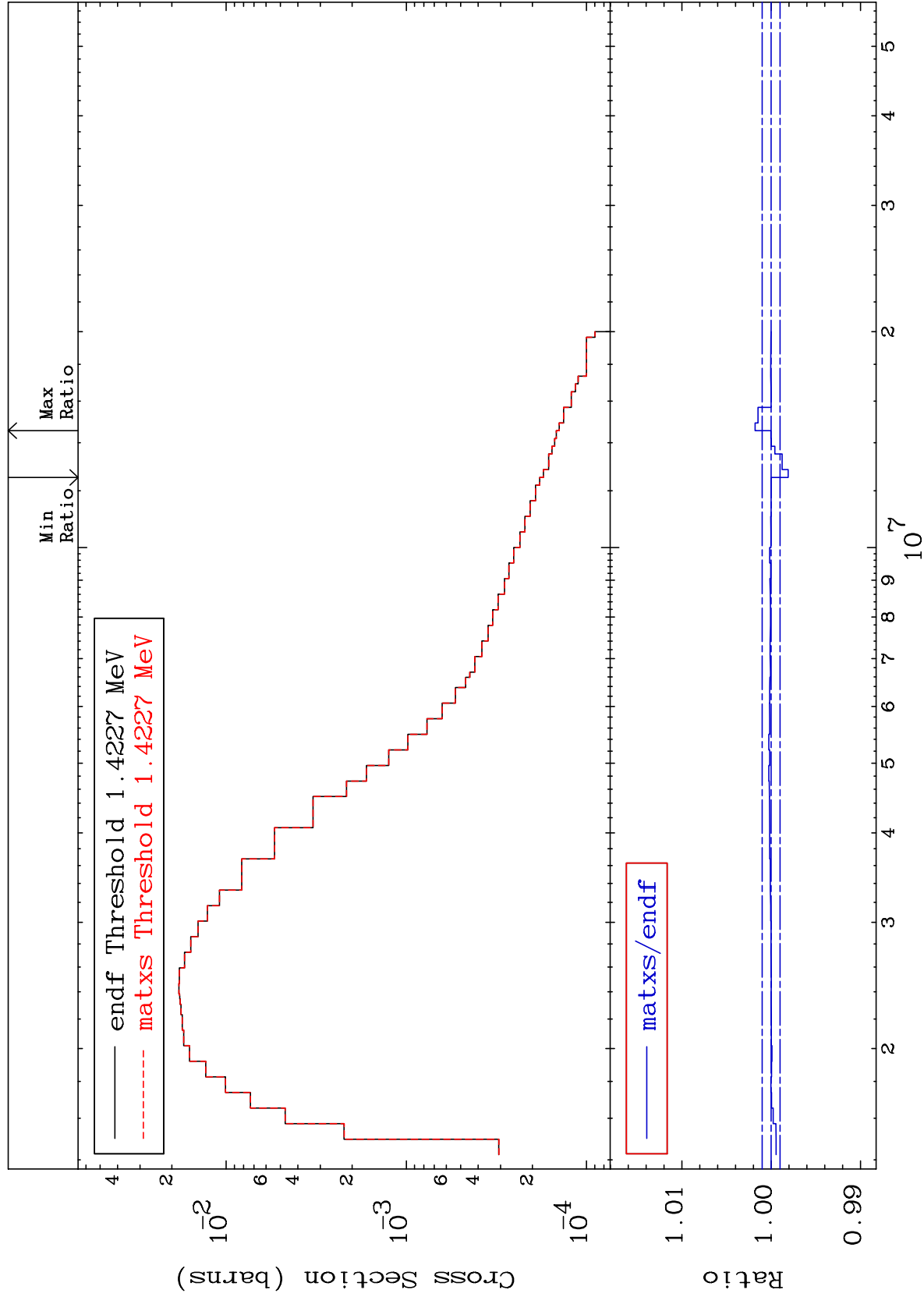
72-Hf-180
-0.229 To 0.196 %



MAT 7243

1.444 MeV (n,n') Level
Cross Section

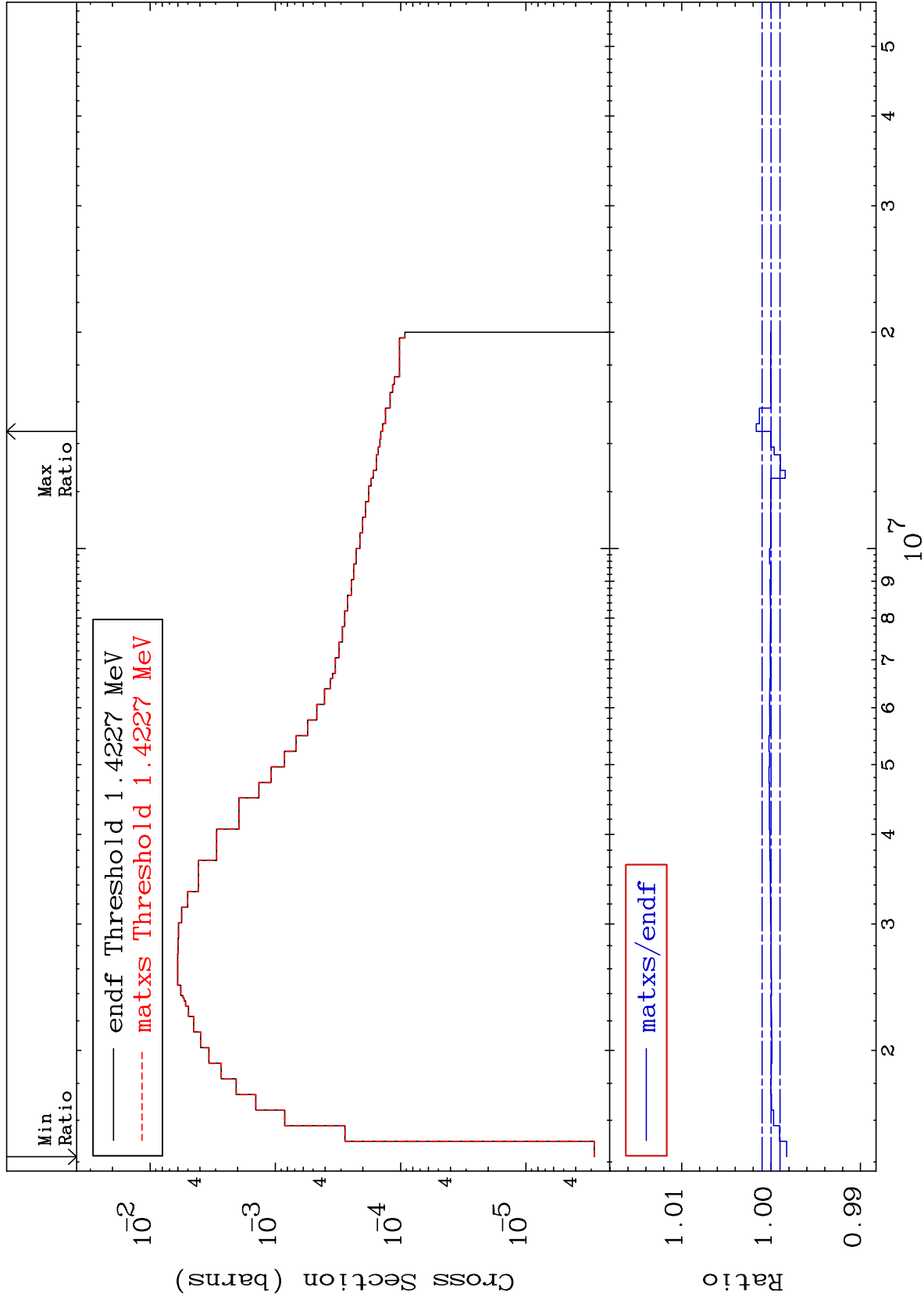
⁷²Hf-180
-0.191 To 0.181 %



MAT 7243

1.472 MeV (n,n') Level
Cross Section

⁷²Hf-180
-0.173 To 0.166 %



30

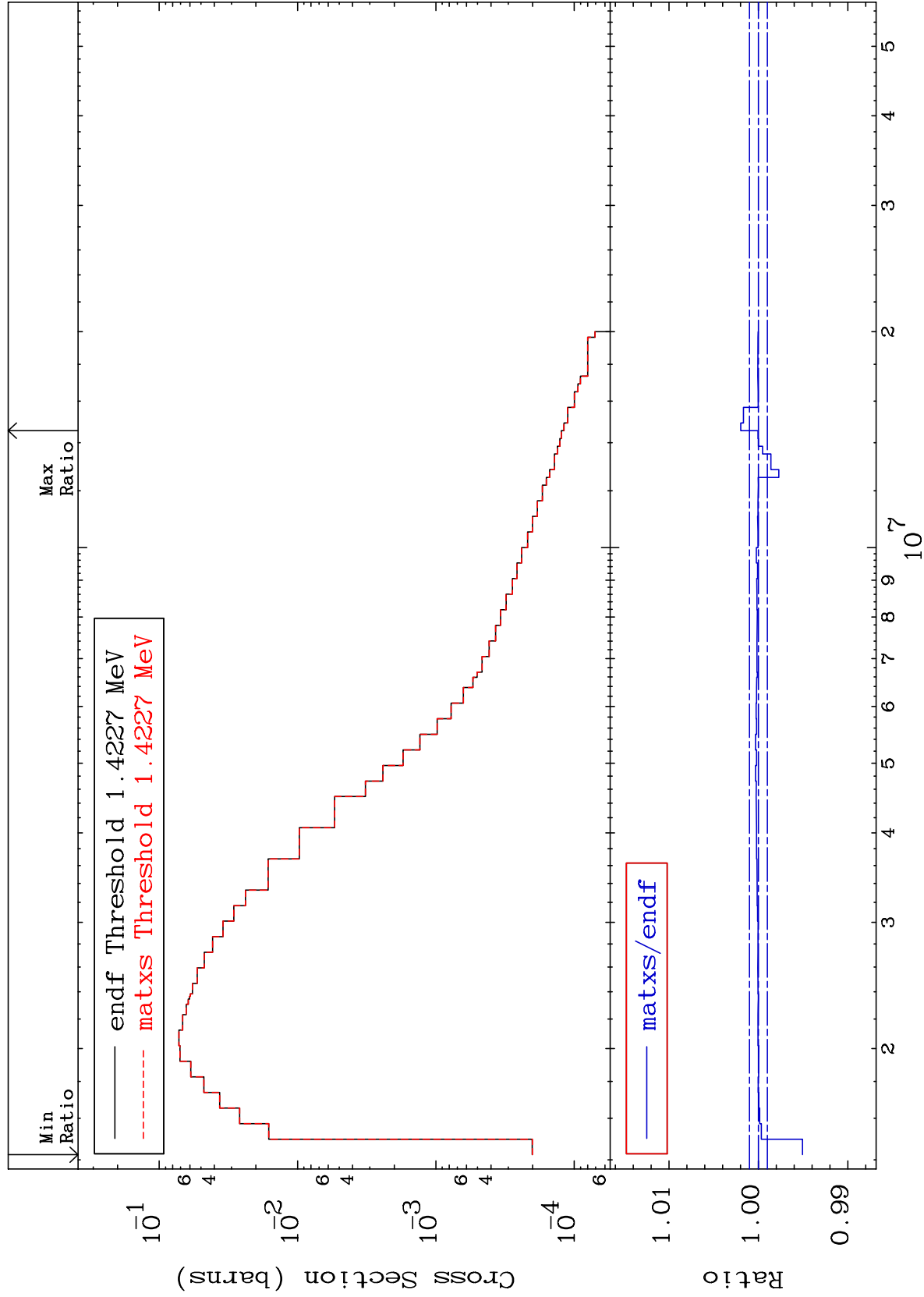
Incident Energy (eV)

⁷²Hf-180

MAT 7243

1.483 MeV (n,n') Level
Cross Section

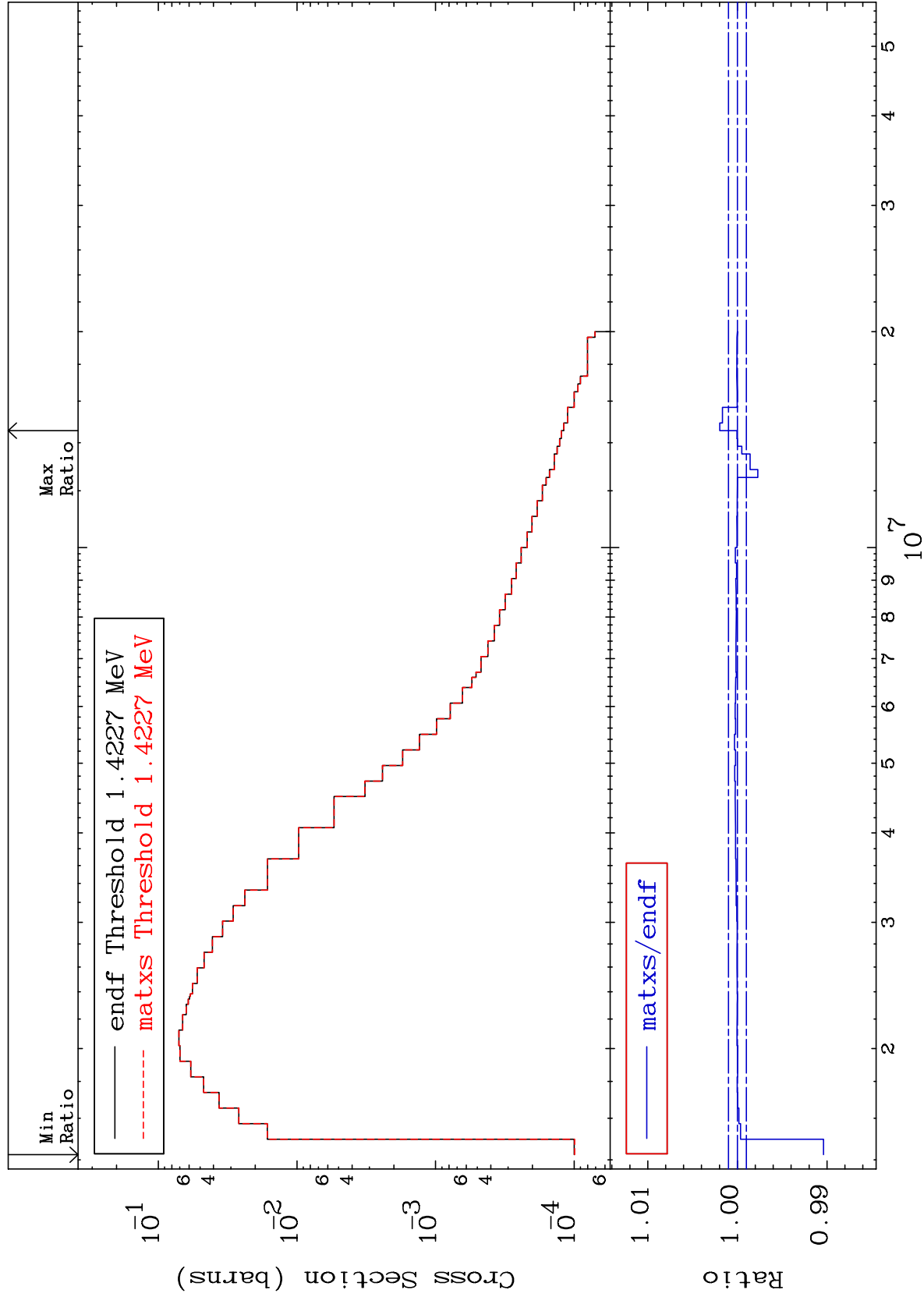
72-Hf-180
-0.495 To 0.197 %



MAT 7243

1.484 MeV (n,n') Level
Cross Section

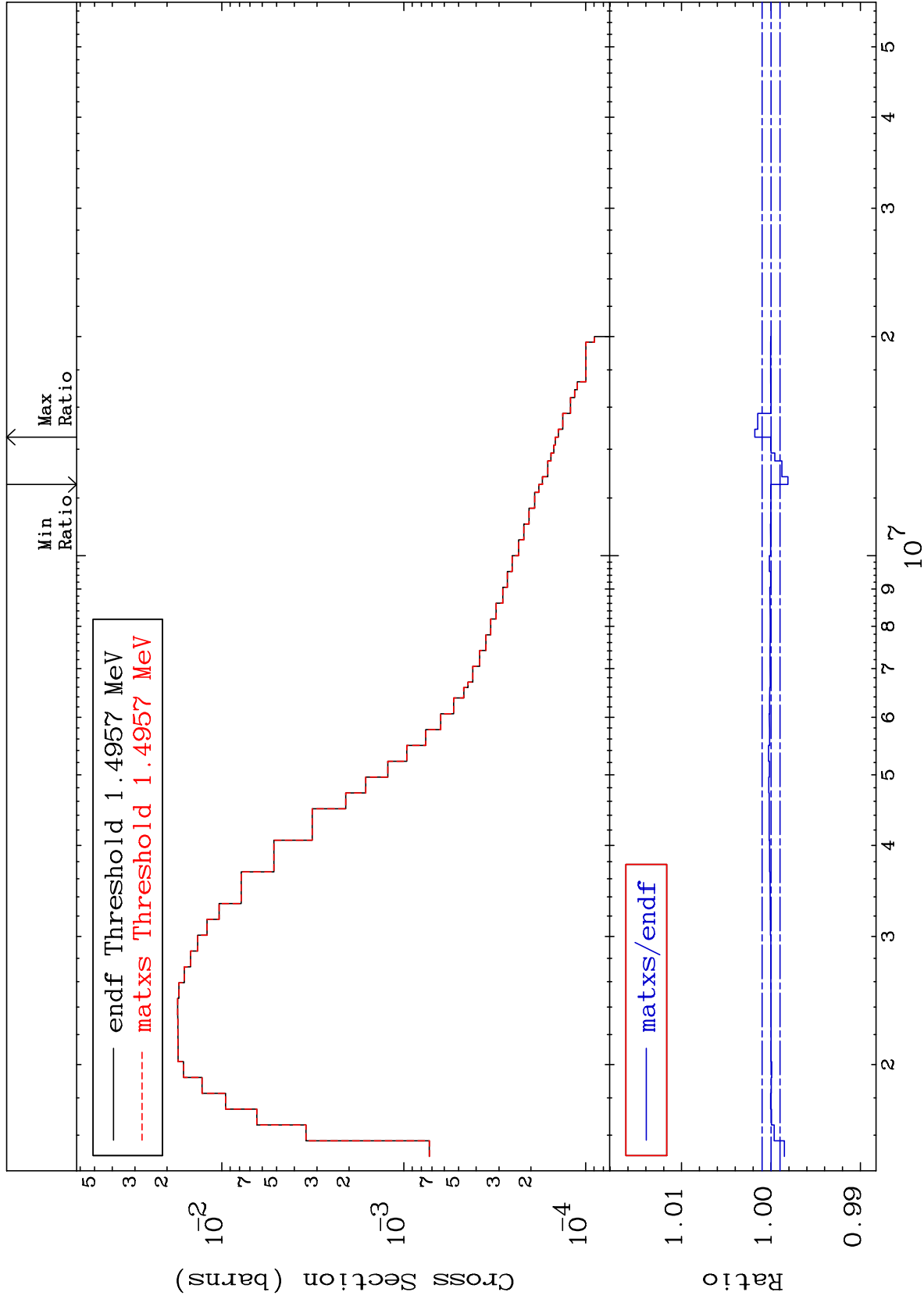
72-Hf-180
-0.961 To 0.197 %



MAT 7243

1.508 MeV (n,n') Level
Cross Section

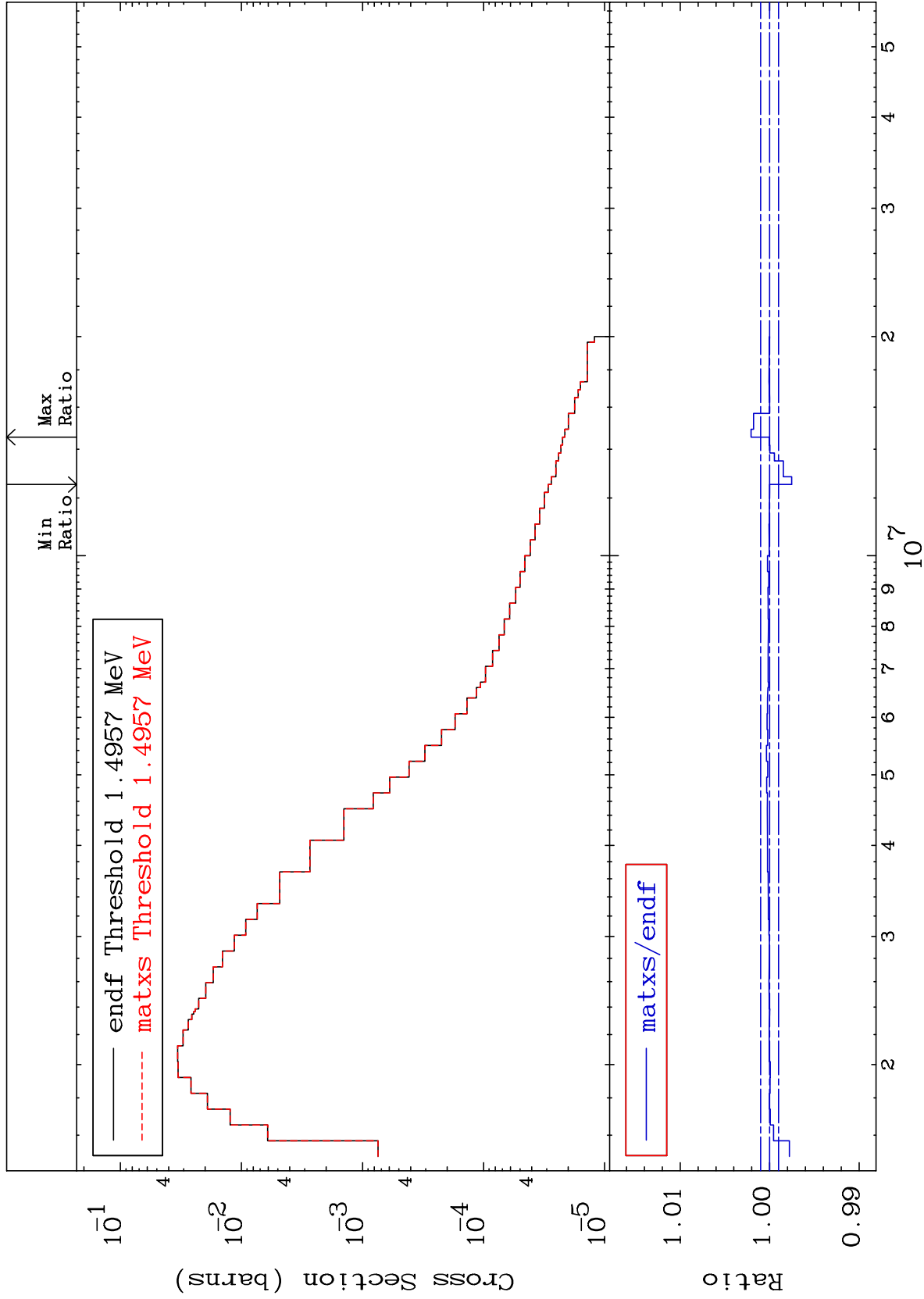
⁷²Hf-180
-0.189 To 0.181 %



MAT 7243

1.525 MeV (n,n') Level
Cross Section

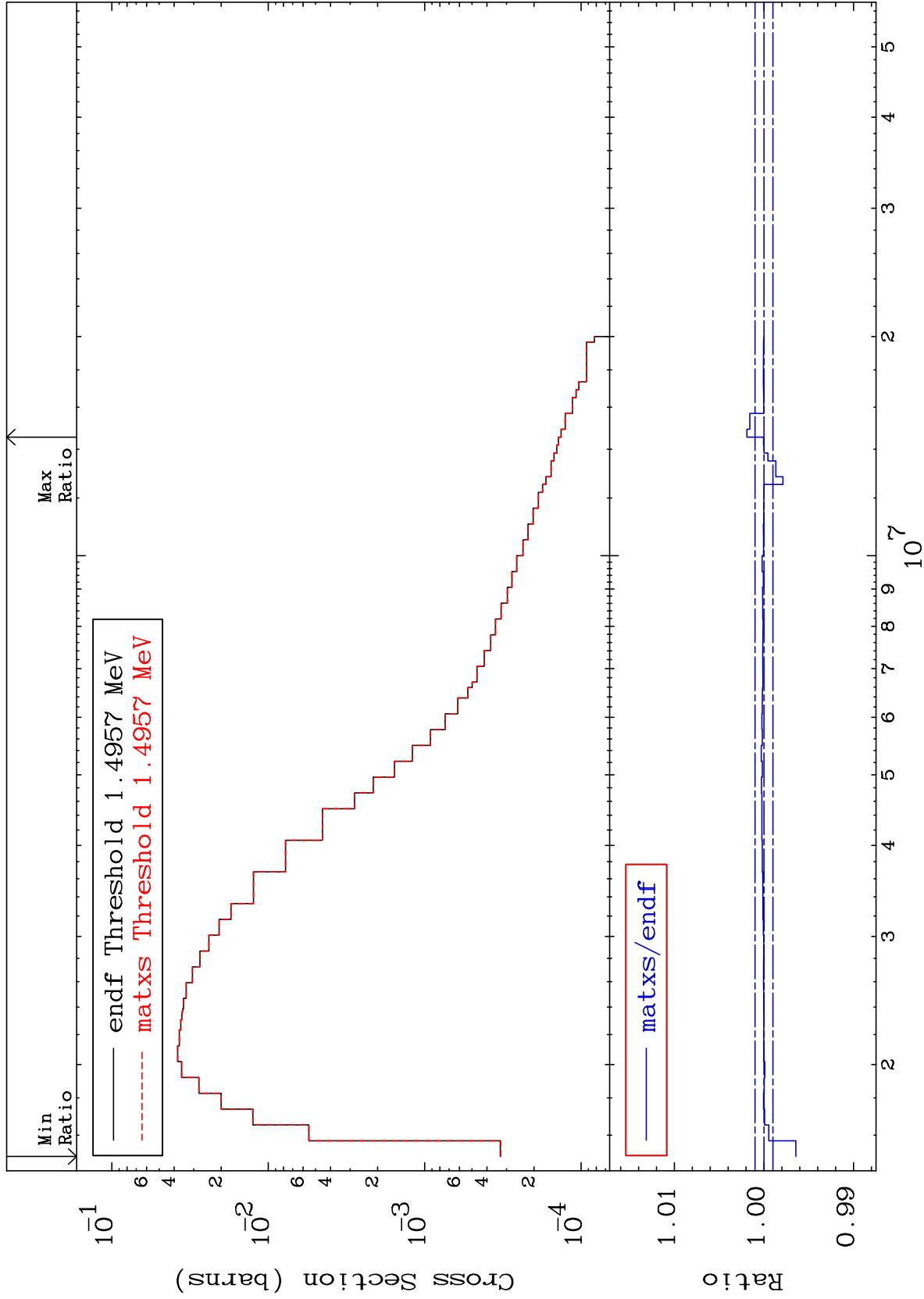
72-Hf-180
-0.247 To 0.208 %



MAT 7243

1.539 MeV (n,n') Level
Cross Section

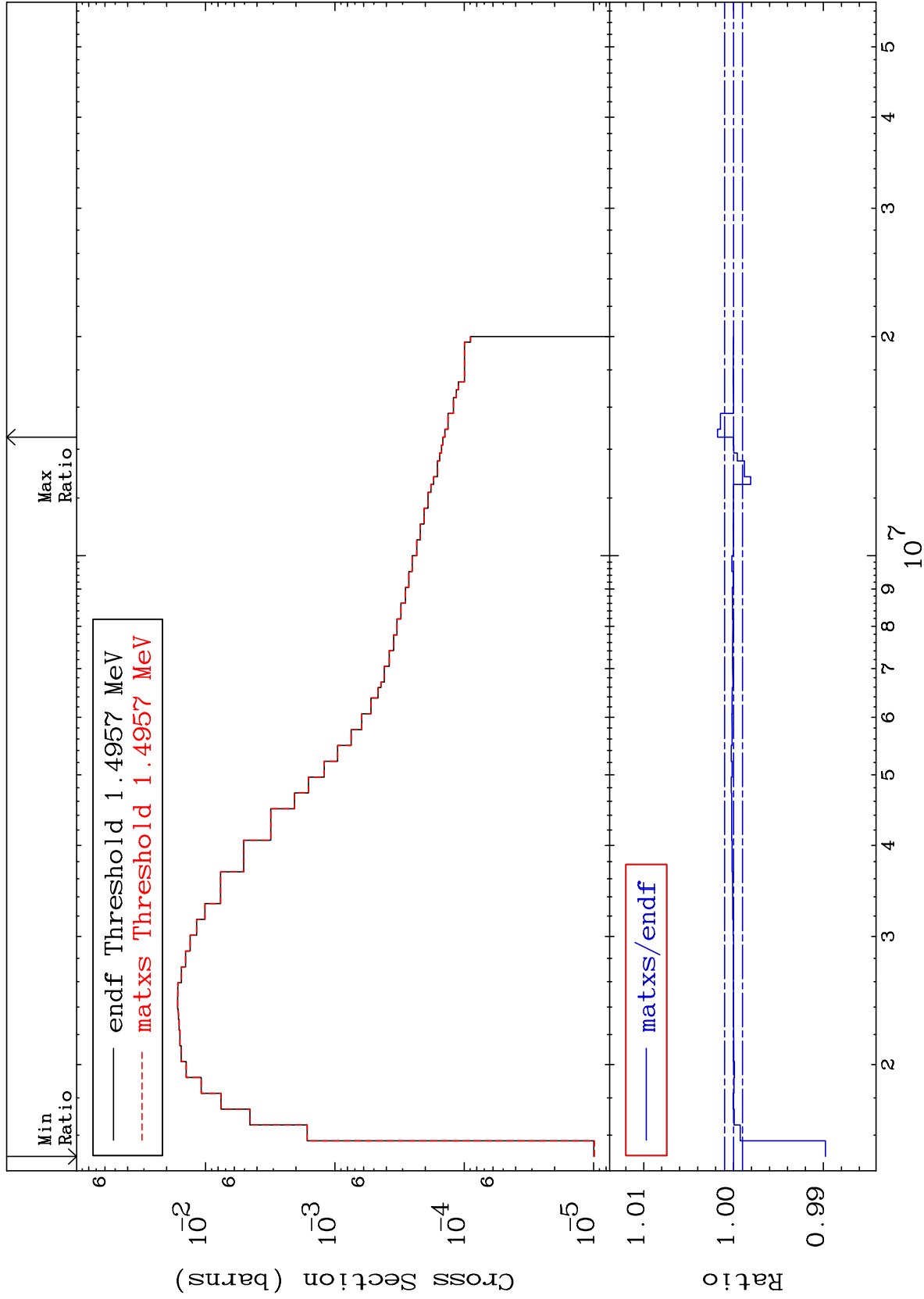
72-Hf-180
-0.357 To 0.191 %



MAT 7243

1.557 MeV (n,n') Level
Cross Section

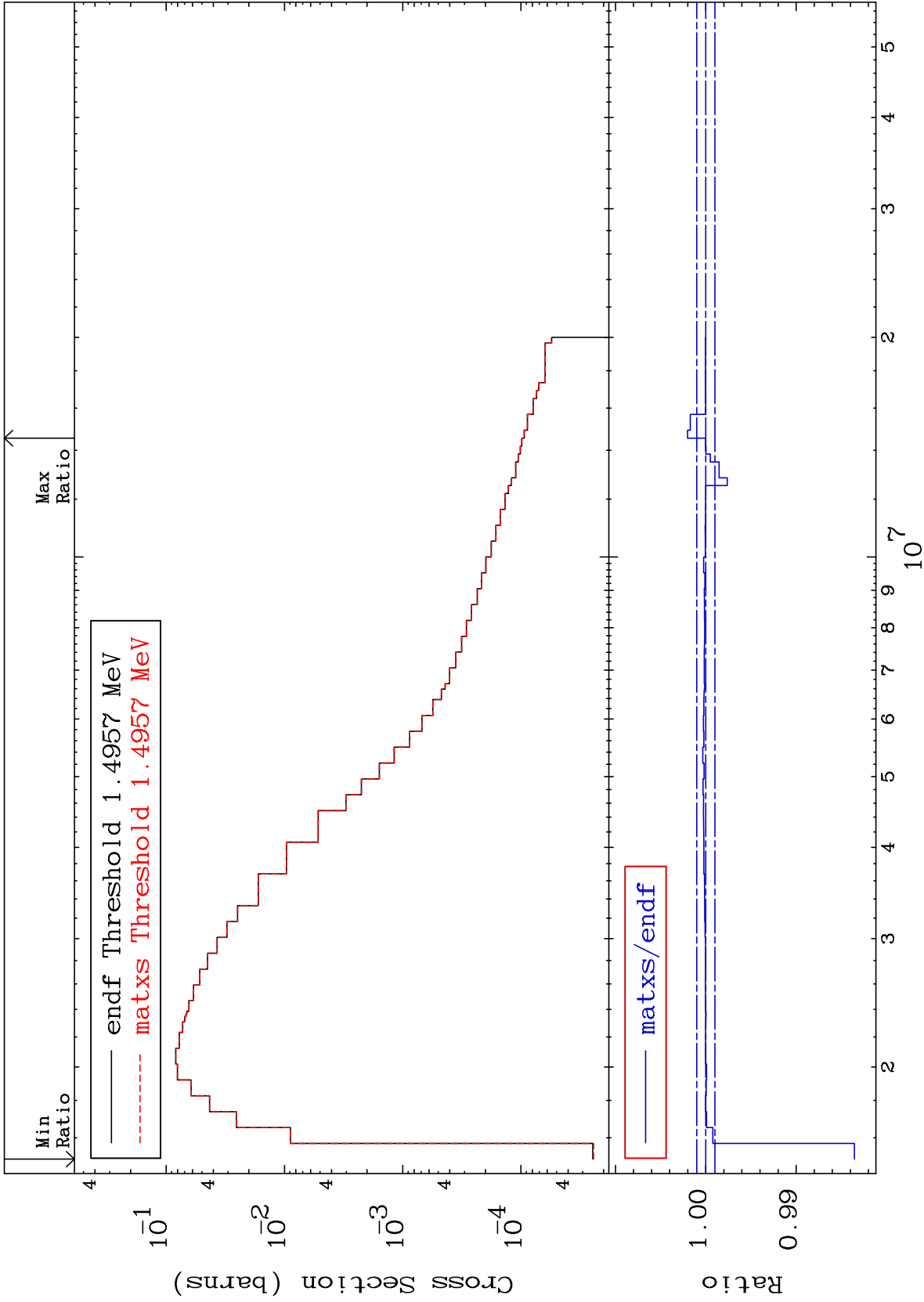
⁷²Hf-180
-1.021 To 0.180 %



MAT 7243

1.559 MeV (n,n') Level
Cross Section

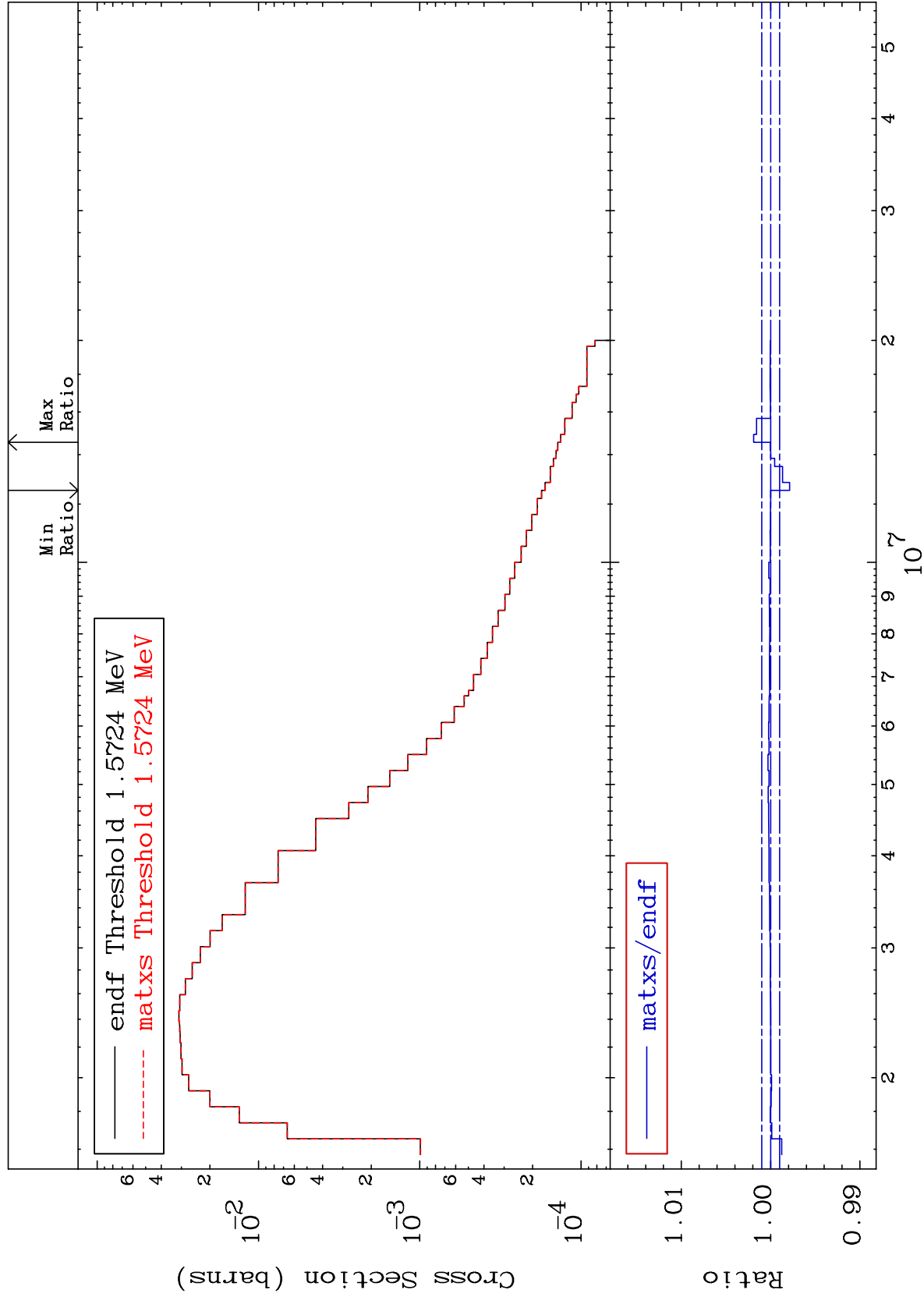
72-Hf-180
-1.645 To 0.202 %



MAT 7243

1.598 MeV (n,n') Level
Cross Section

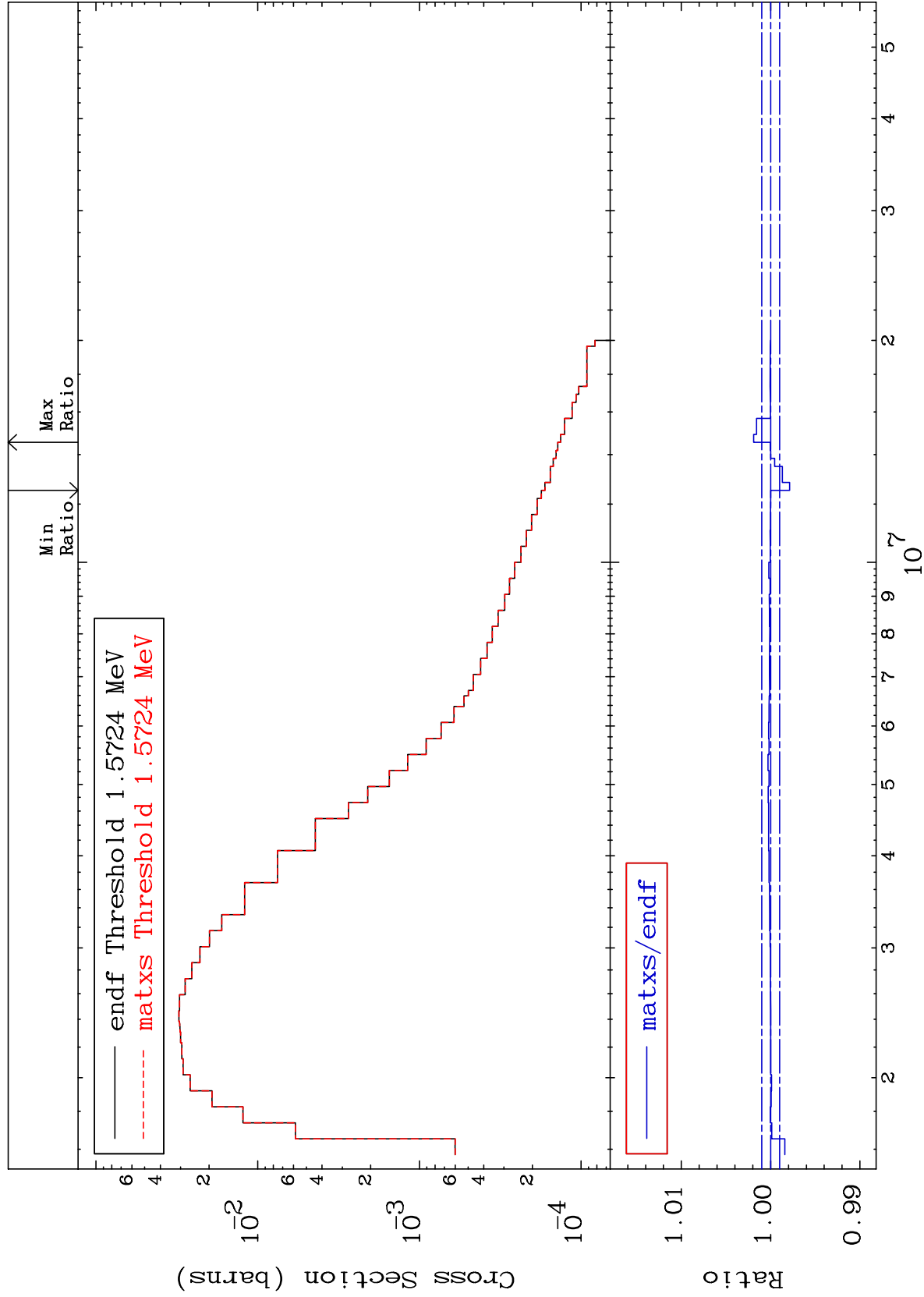
⁷²Hf-180
-0.212 To 0.189 %



MAT 7243

1.608 MeV (n,n') Level
Cross Section

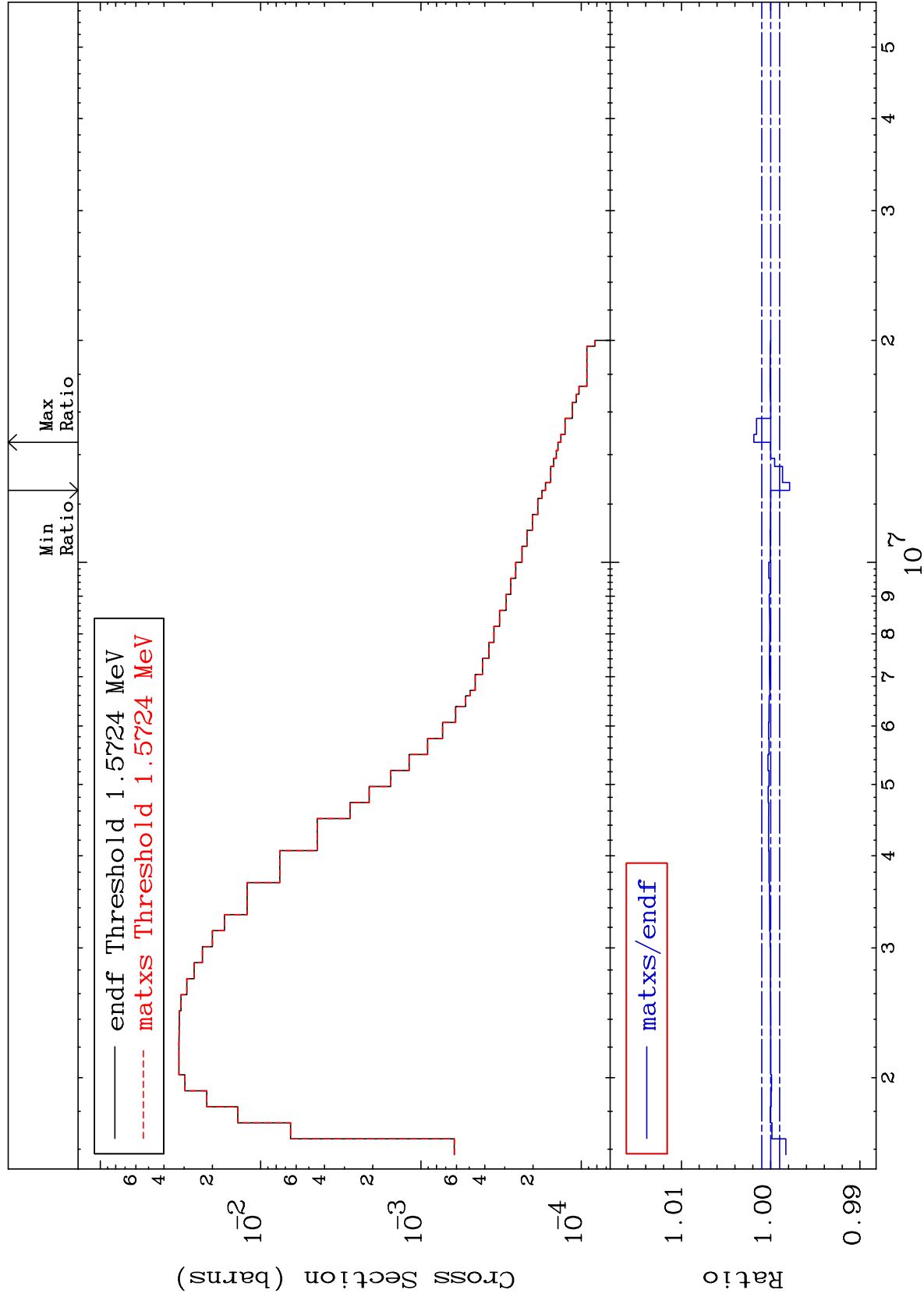
⁷²Hf-180
-0.212 To 0.189 %



MAT 7243

1.609 MeV (n,n') Level
Cross Section

⁷²Hf-180
-0.211 To 0.189 %



40

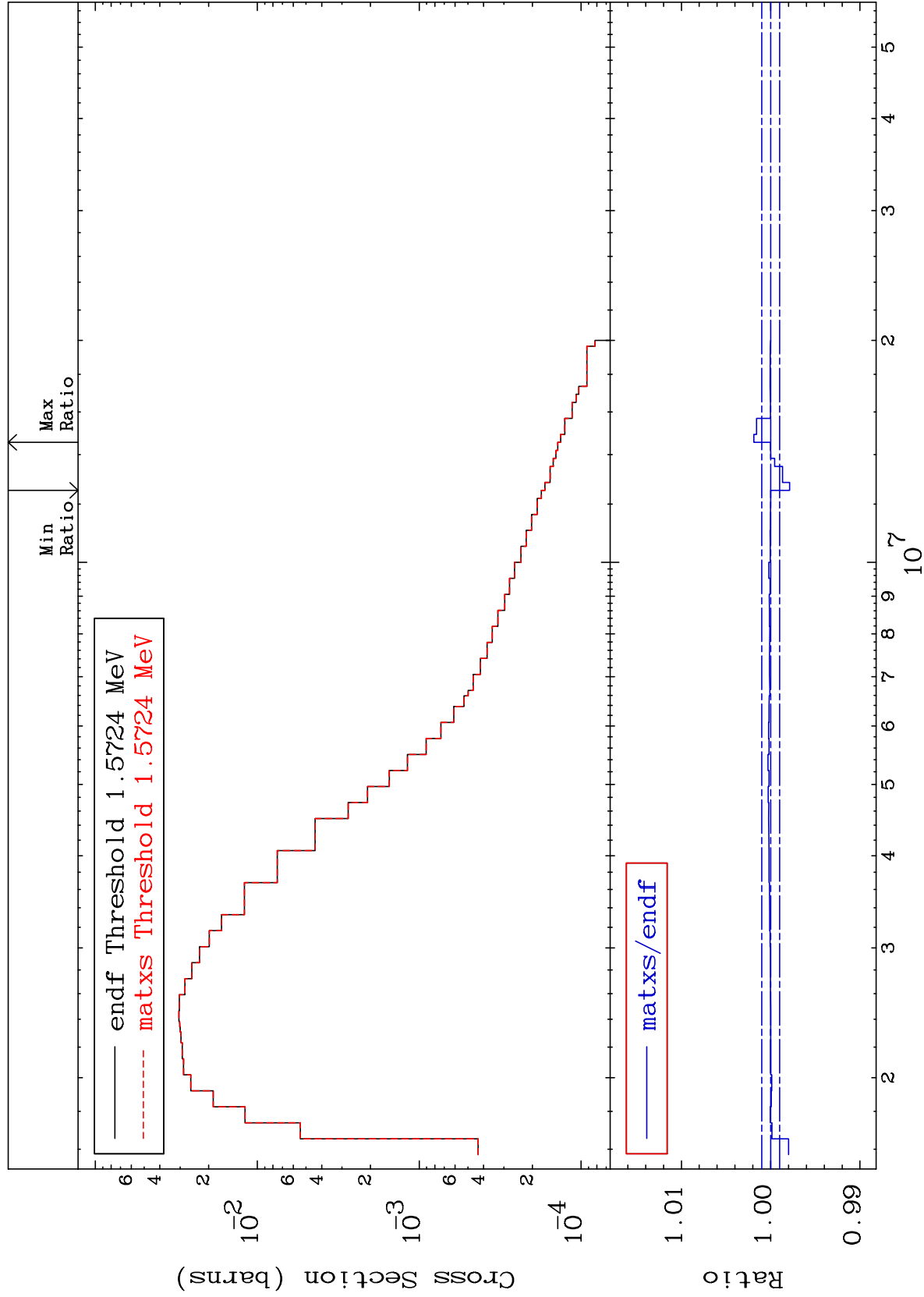
Incident Energy (eV)

⁷²Hf-180

MAT 7243

1.613 MeV (n,n') Level
Cross Section

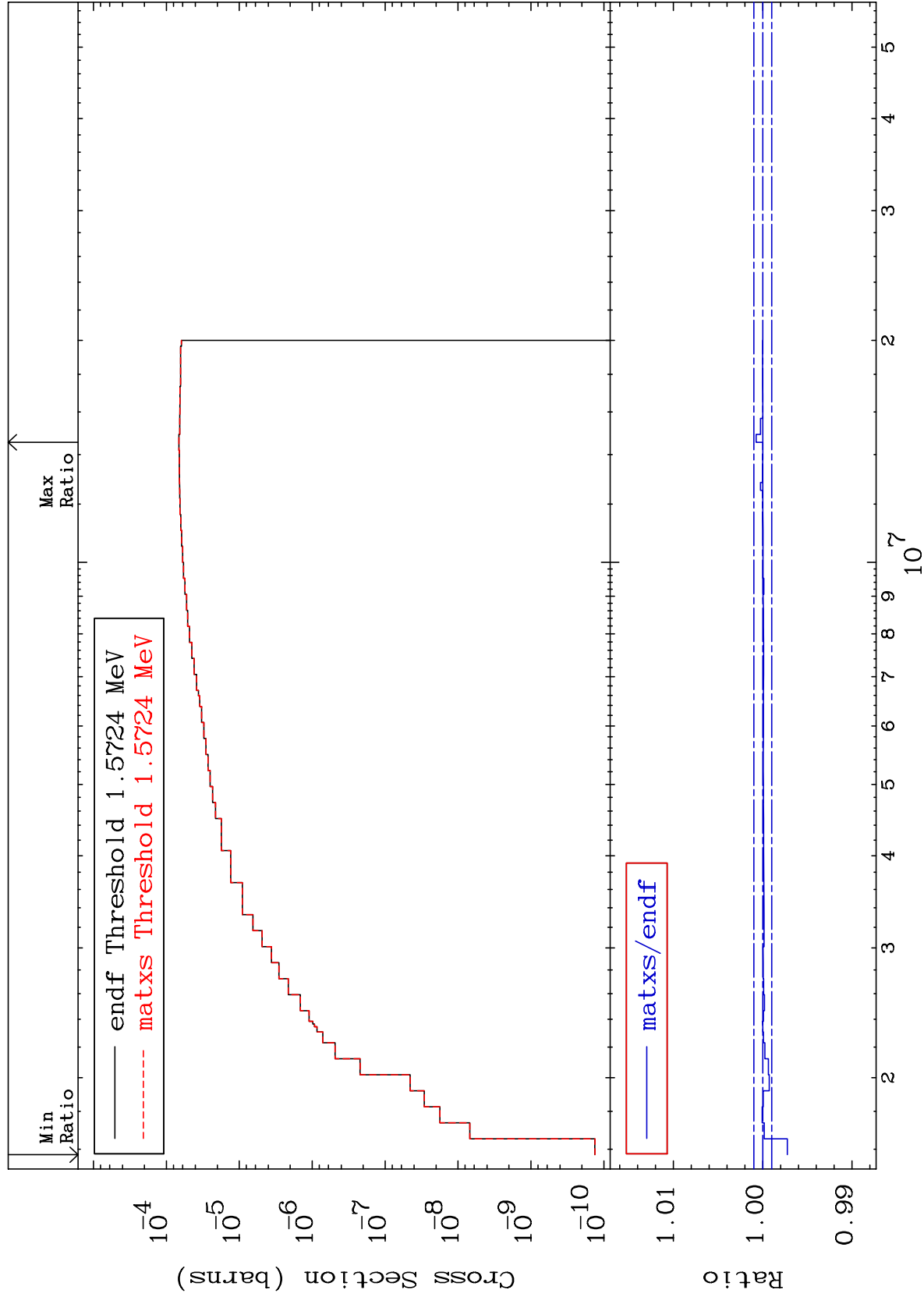
⁷²Hf-180
-0.211 To 0.190 %



MAT 7243

1.631 MeV (n,n') Level
Cross Section

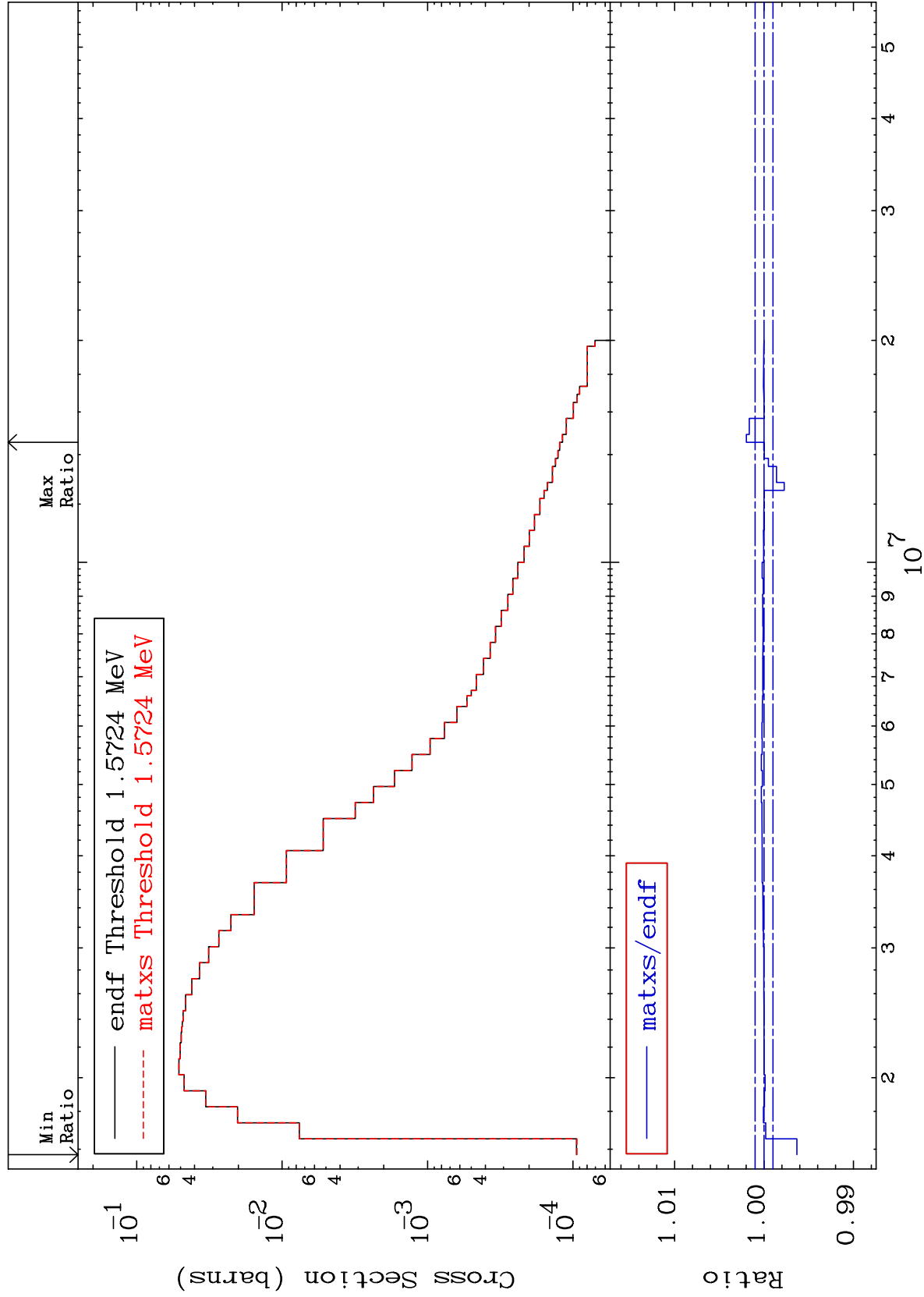
⁷²Hf-180
-0.274 To 0.074 %



MAT 7243

1.634 MeV (n,n') Level
Cross Section

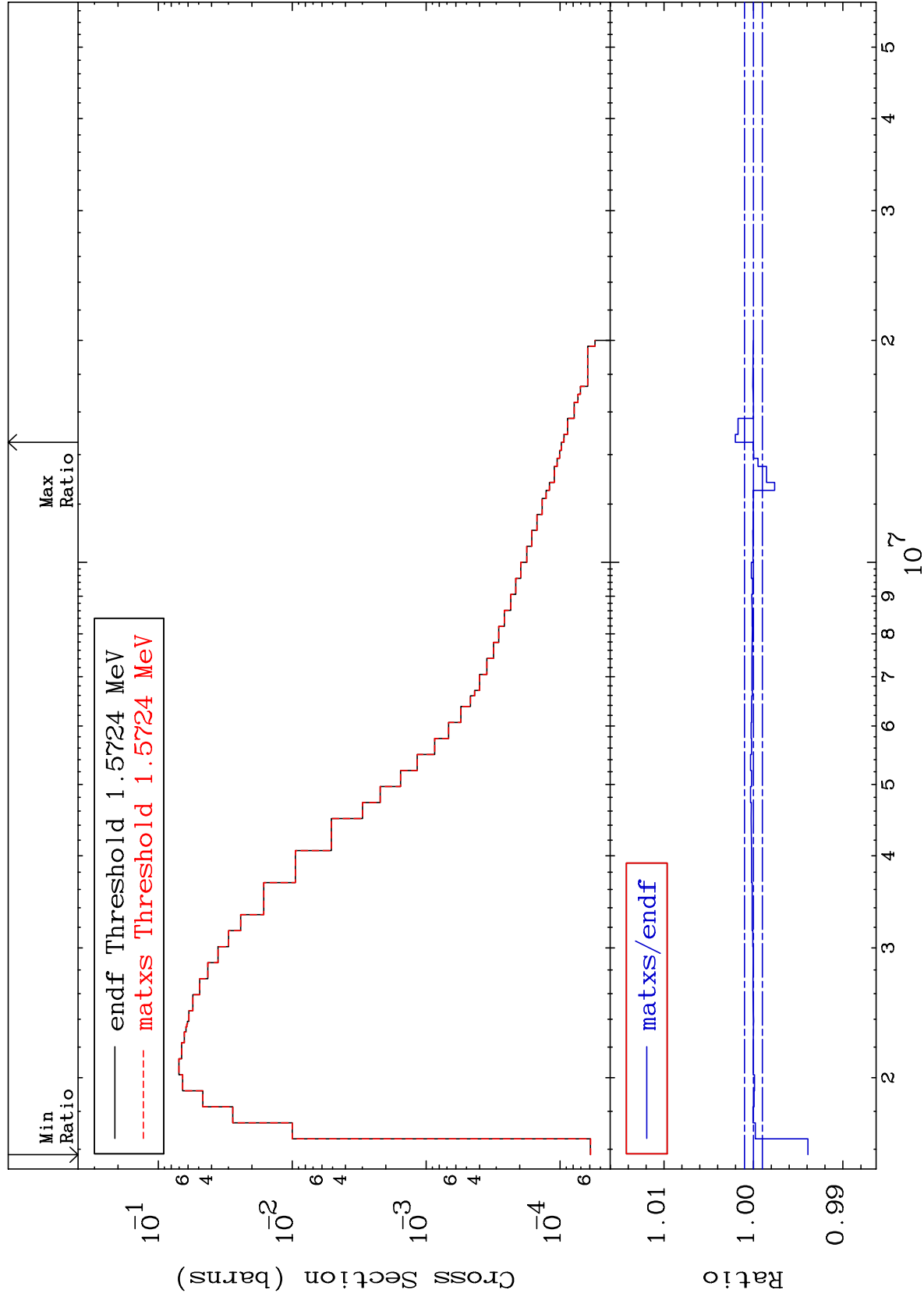
72-Hf-180
-0.368 To 0.198 %



MAT 7243

1.637 MeV (n,n') Level
Cross Section

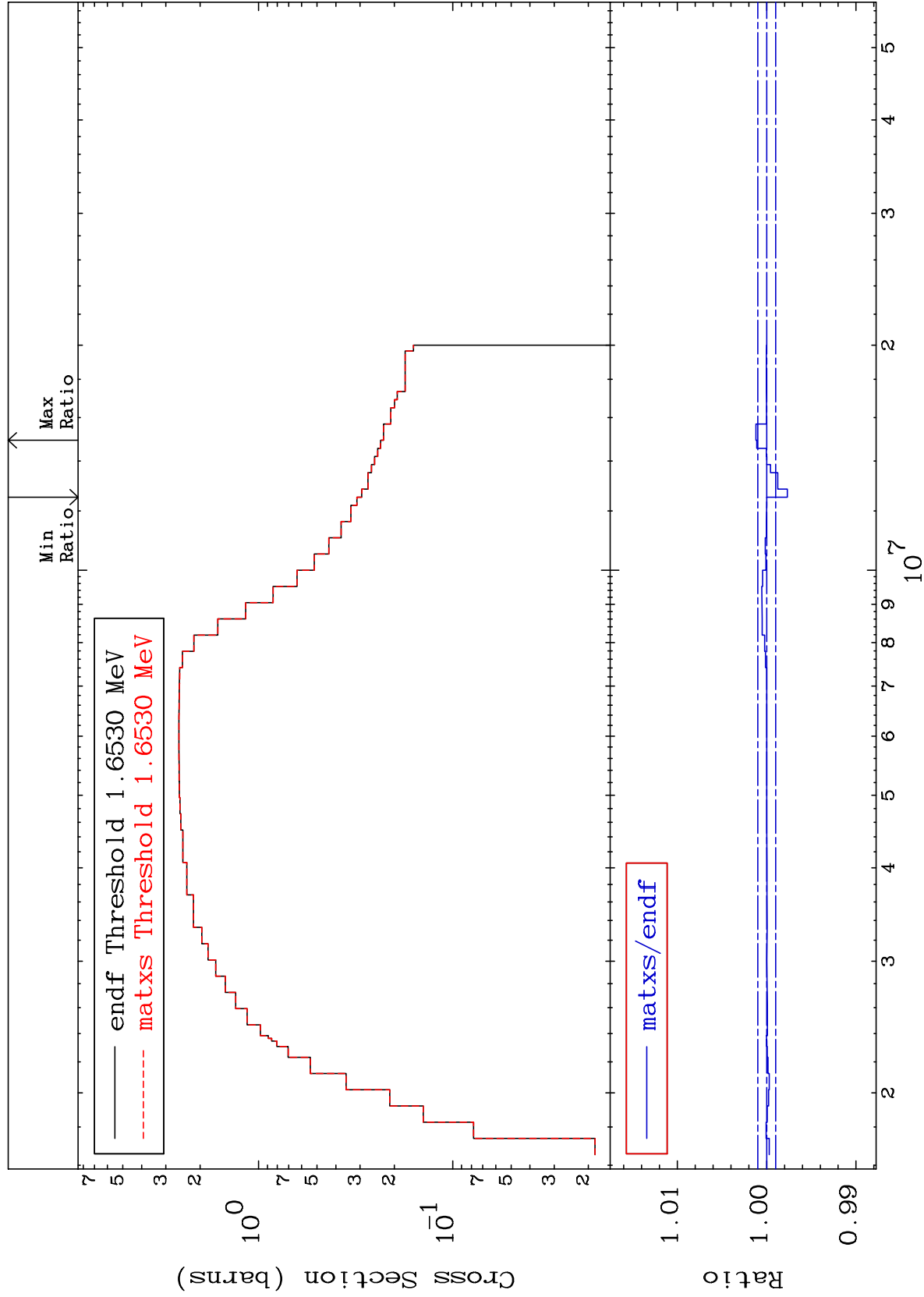
72-Hf-180
-0.608 To 0.202 %



MAT 7243

(n, n') Continuum
Cross Section

⁷²Hf-180
-0.231 To 0.120 %



45

Incident Energy (eV)

⁷²Hf-180

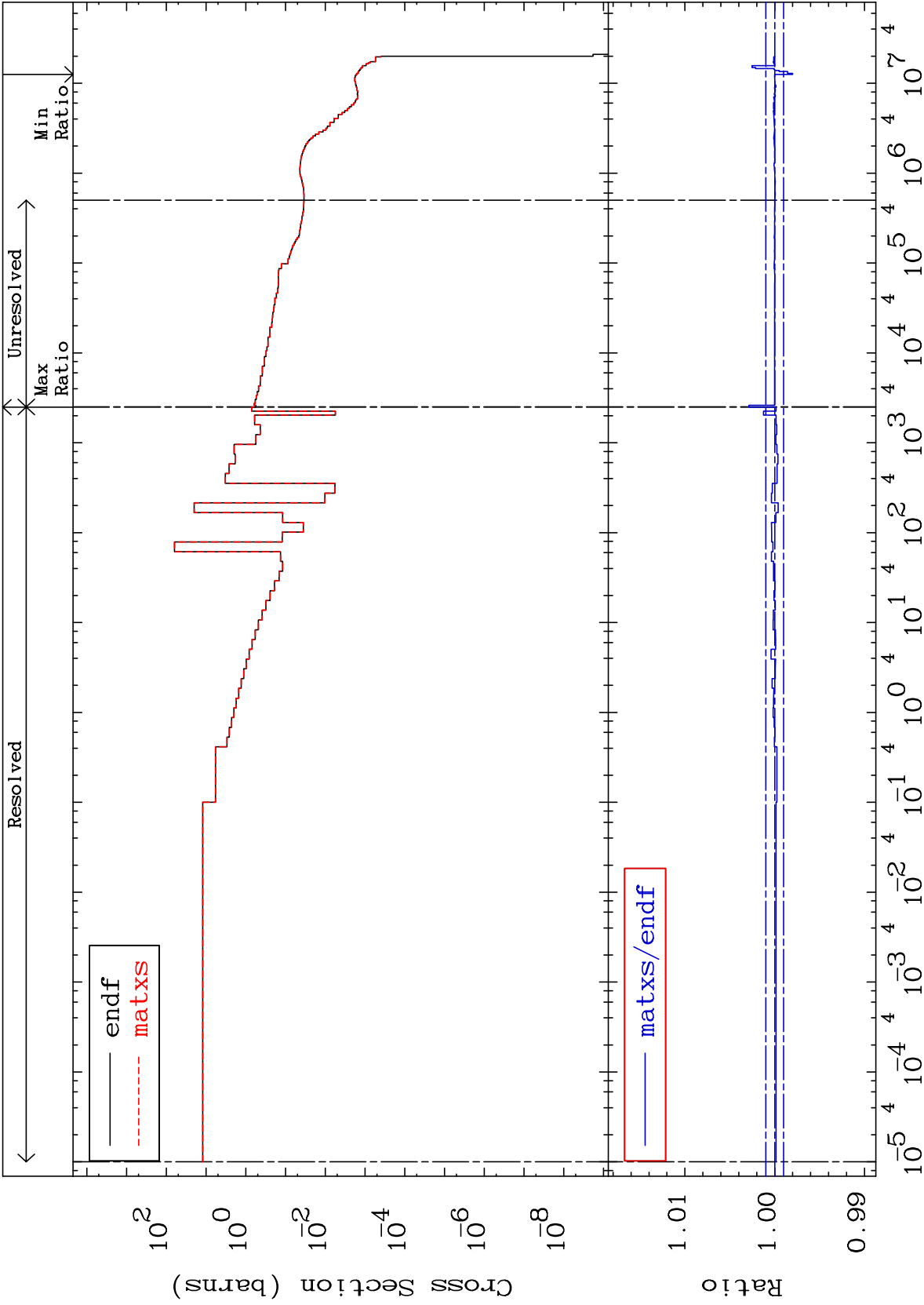
MAT 7243

(n, γ)

72-Hf-180

Cross Section

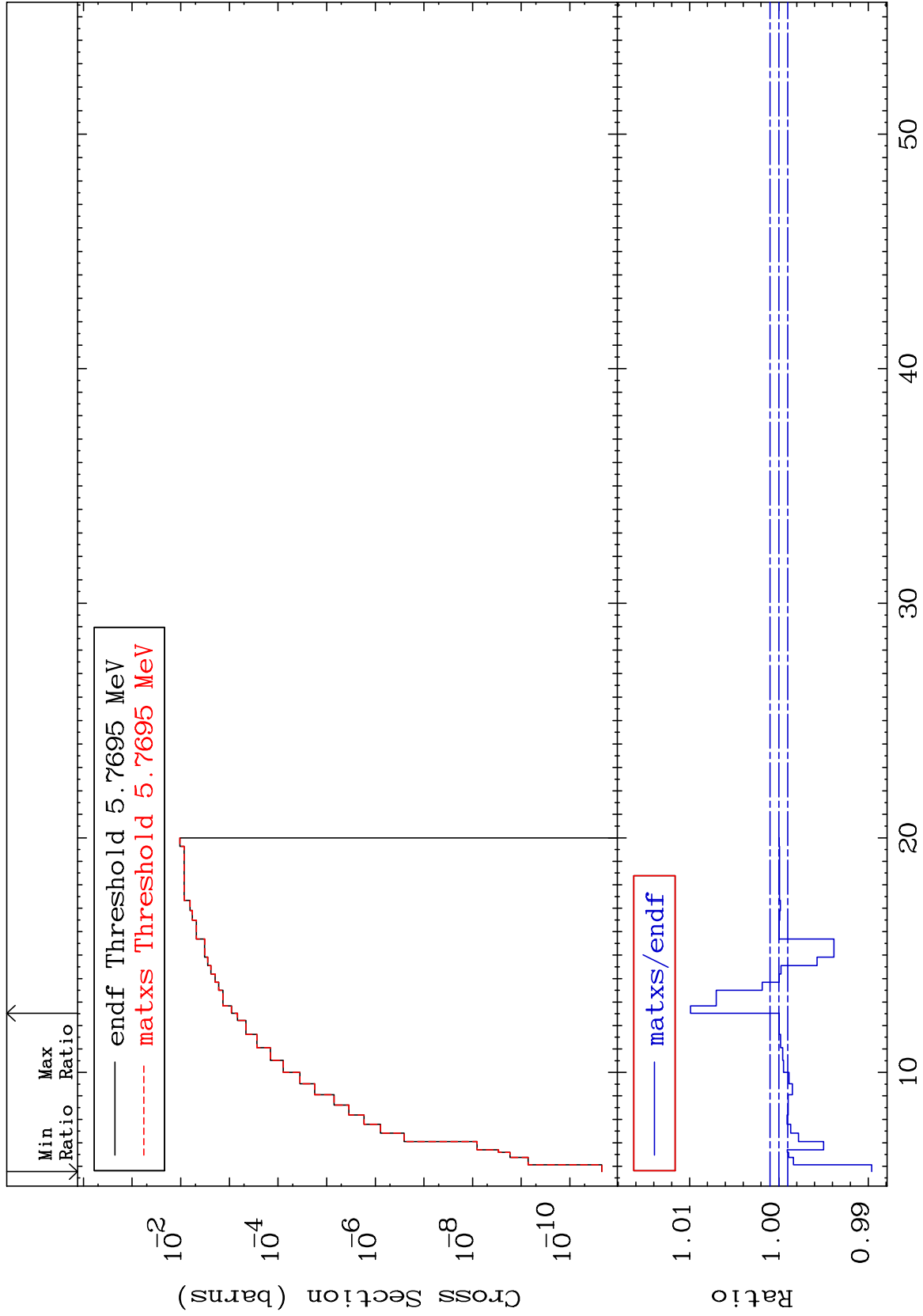
-0.199 To 0.287 %



MAT 7243

(n,p)
Cross Section

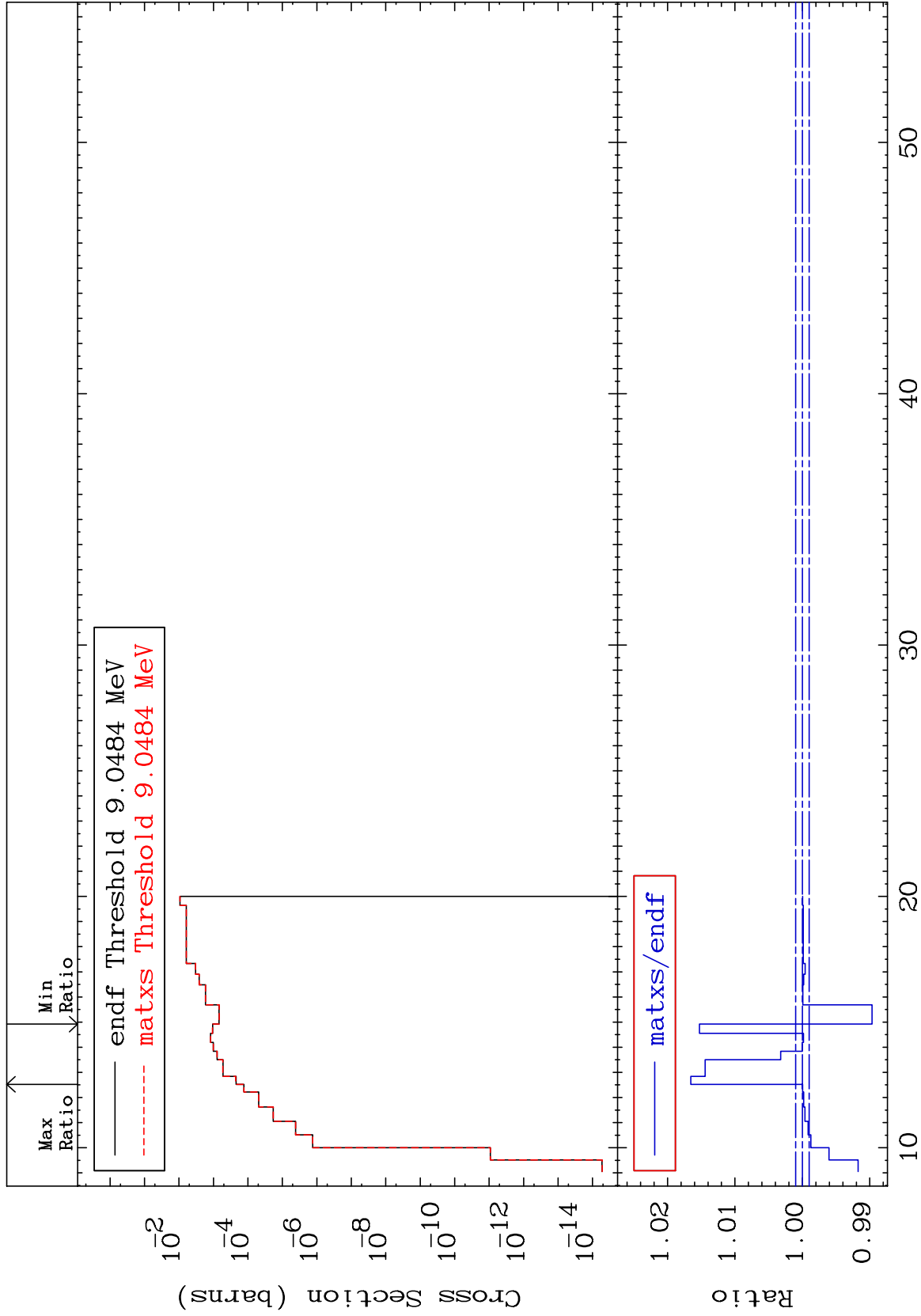
⁷²Hf-180
-1.039 To 0.989 %



MAT 7243

(n, d)
Cross Section

⁷²Hf-180
-1.033 To 1.655 %



48

Incident Energy (MeV)

⁷²Hf-180

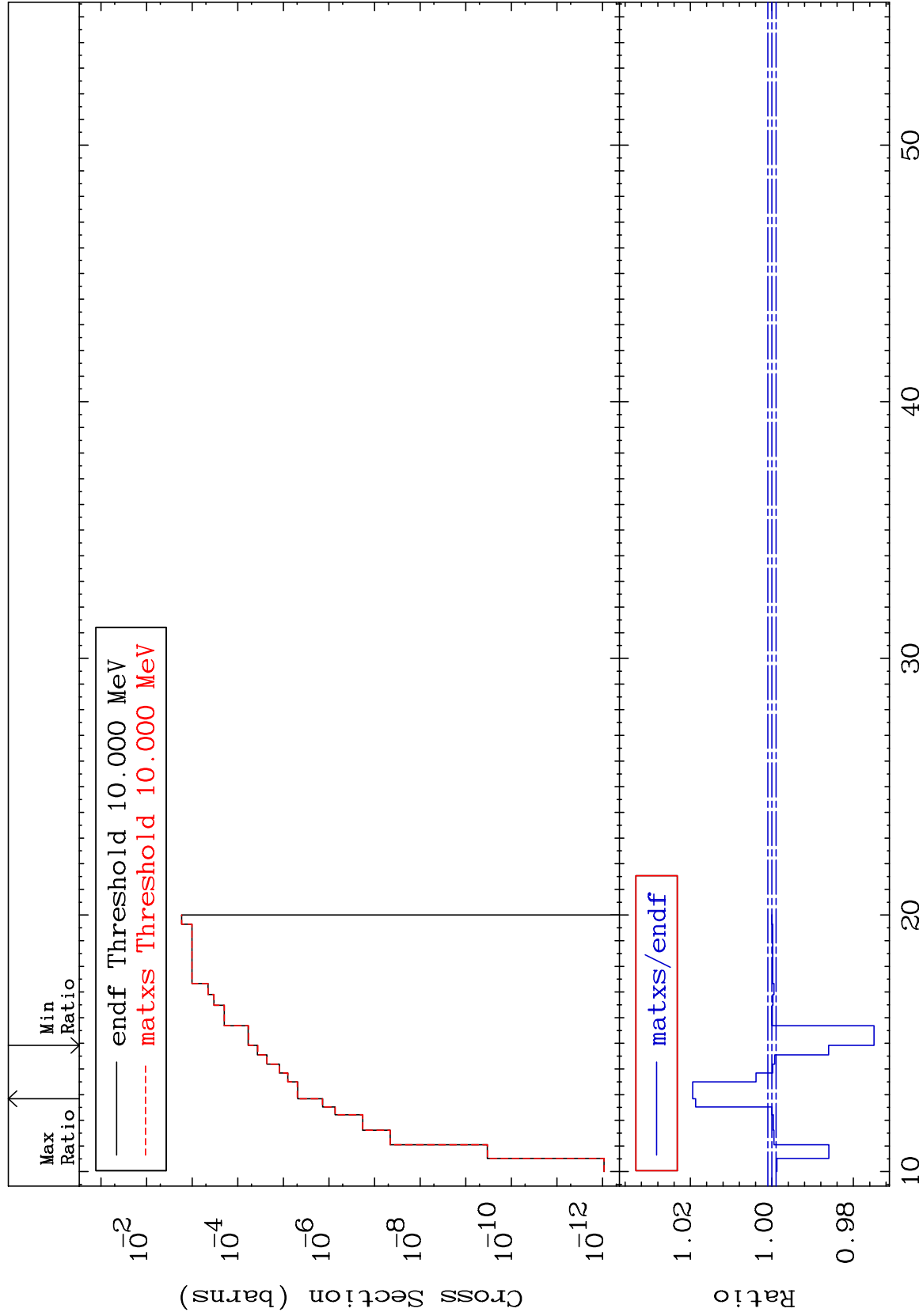
MAT 7243

(n, t)

72-Hf-180

Cross Section

-2.505 To 1.942 %



49

Incident Energy (MeV)

72-Hf-180

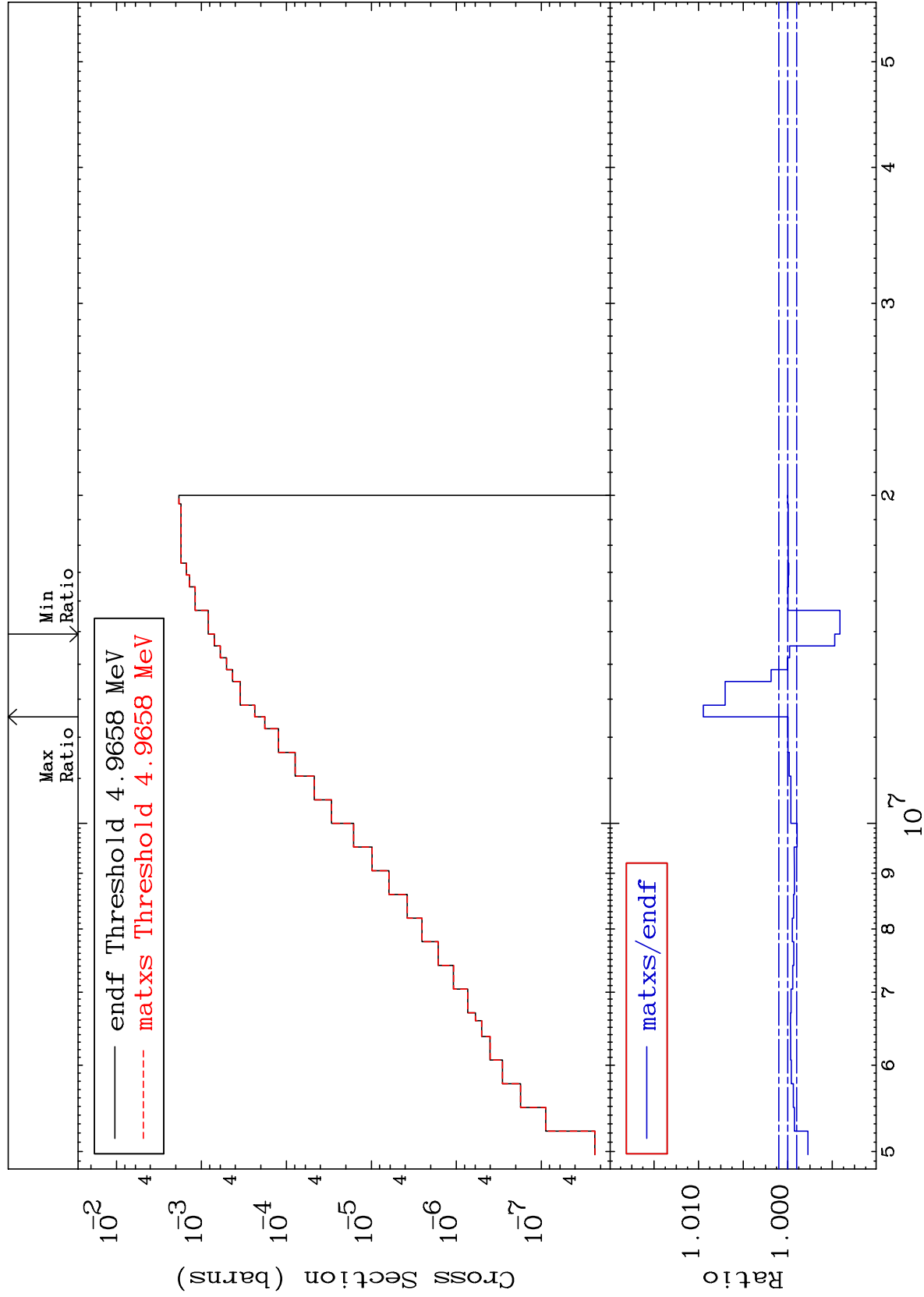
MAT 7243

(n, α)

72-Hf-180

Cross Section

-0.586 To 0.946 %



50

Incident Energy (eV)

72-Hf-180