

Program Complot
(Version 2015-2)

by

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(Present Contact Information)

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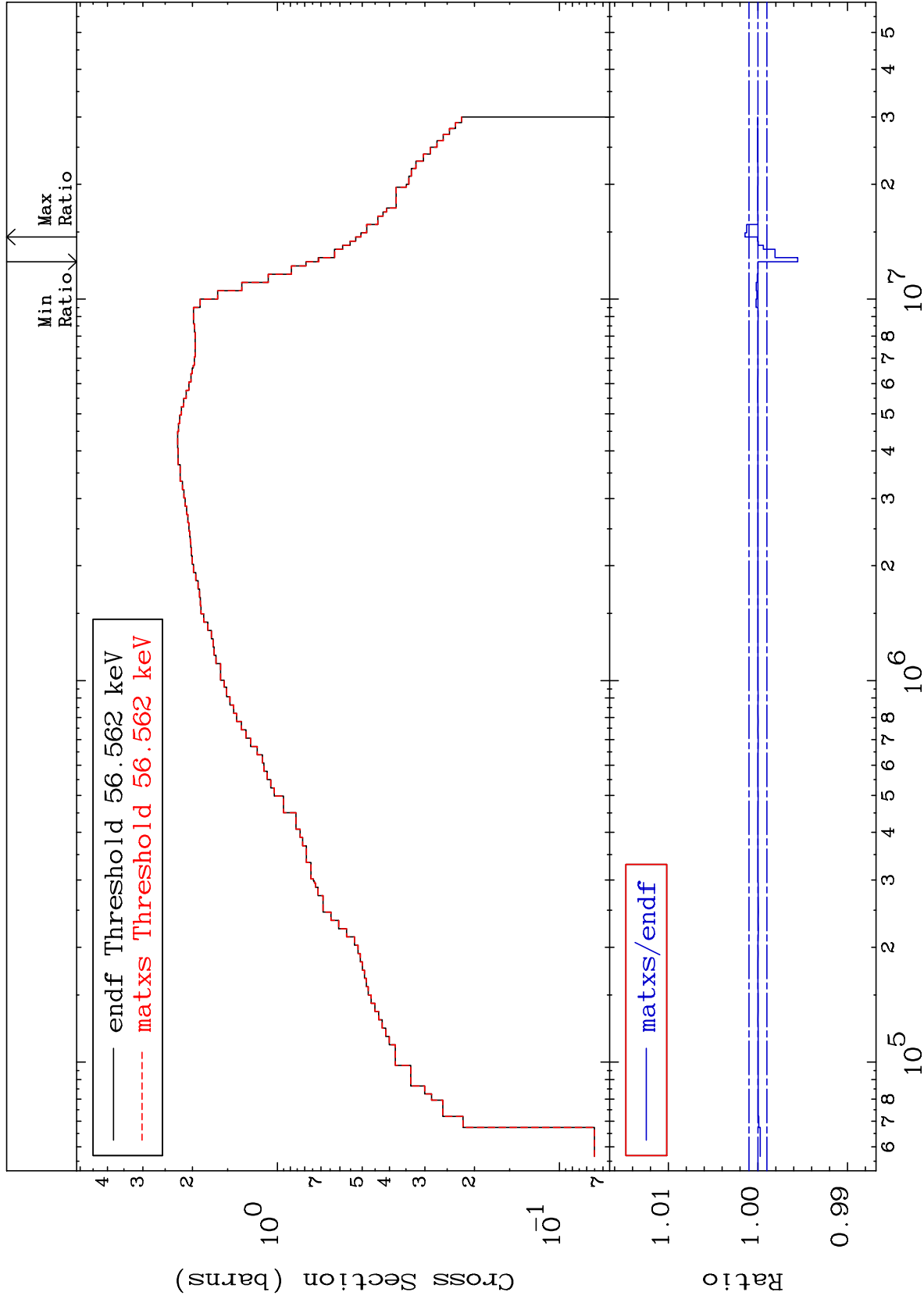
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5325

Inelastic
Cross Section

53-I -127
-0.444 To 0.144 %



1

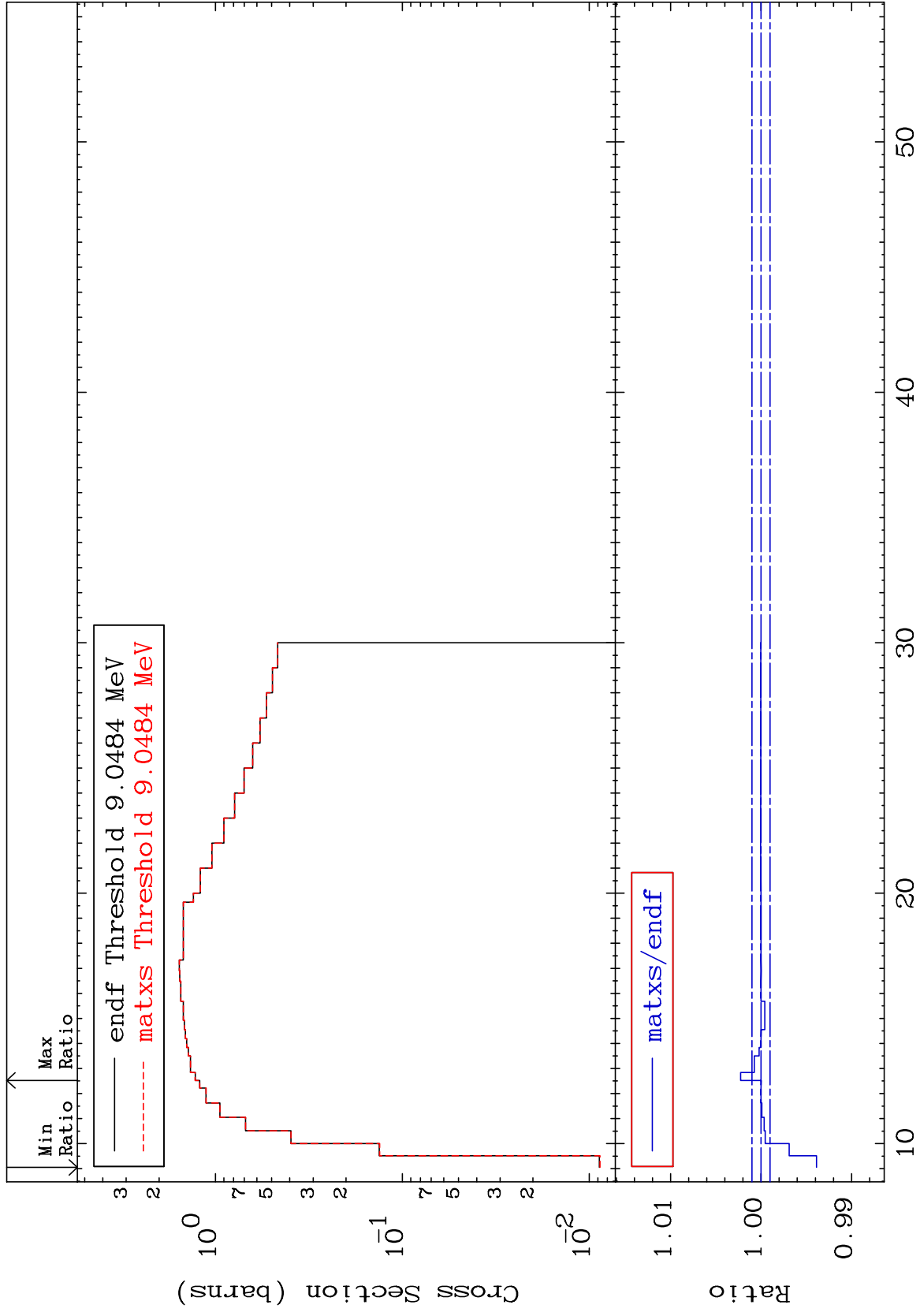
Incident Energy (eV)

53-I -127

MAT 5325

(n,2n)
Cross Section

53-I -127
-0.613 To 0.226 %



2

Incident Energy (MeV)

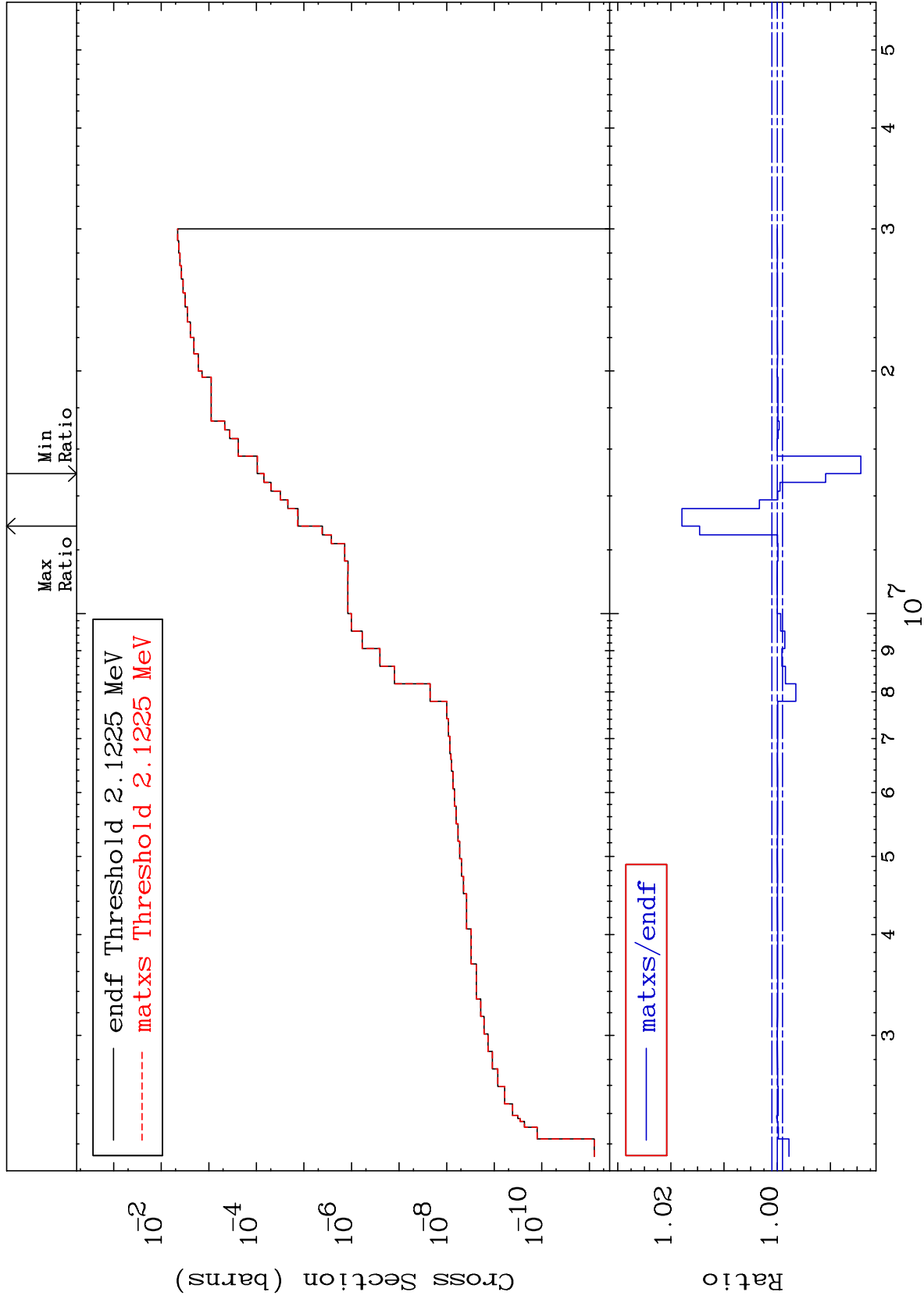
53-I -127

MAT 5325

(n, n') α

53-I -127
-1.572 To 1.792 %

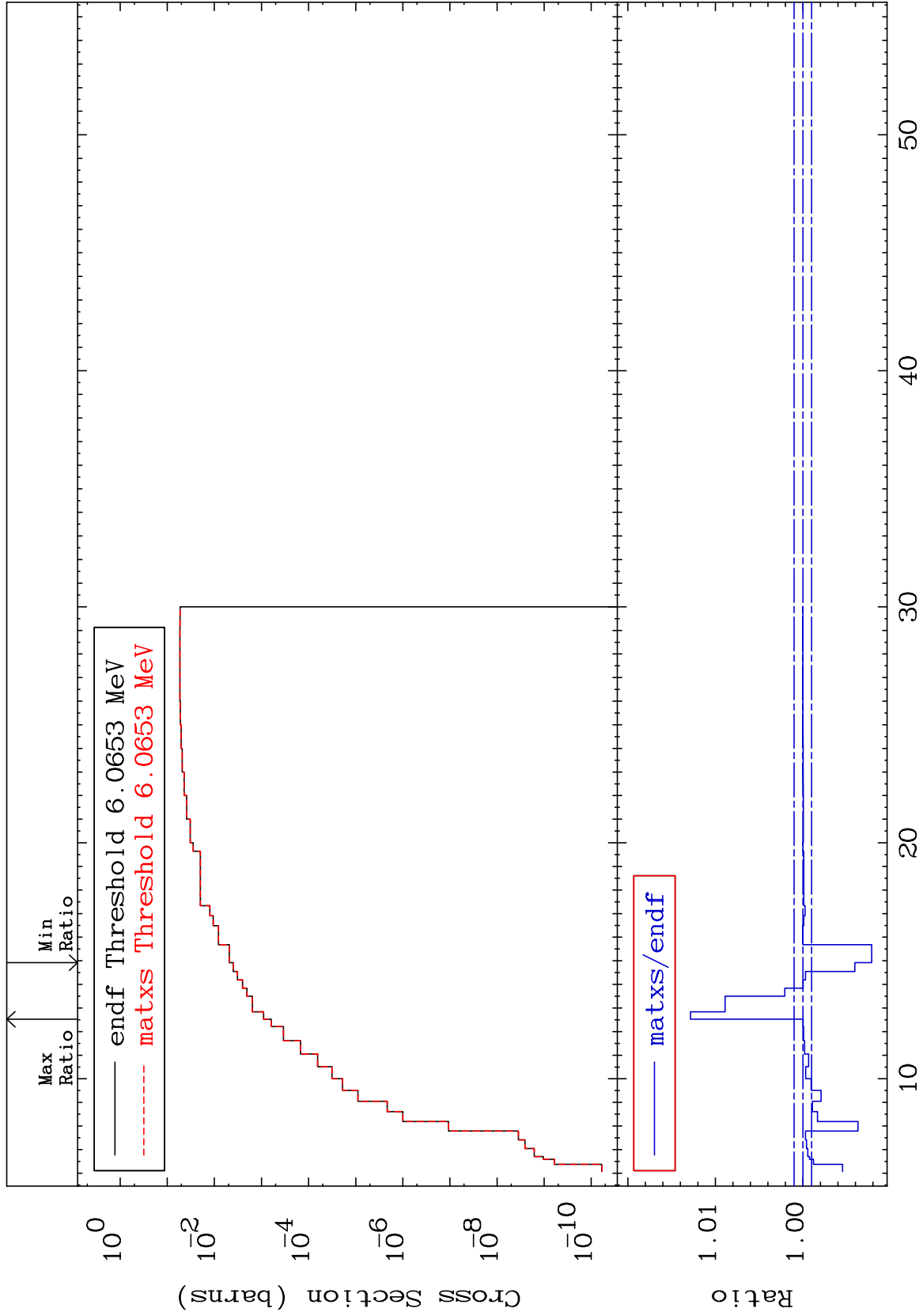
Cross Section



MAT 5325

(n, n') p
Cross Section

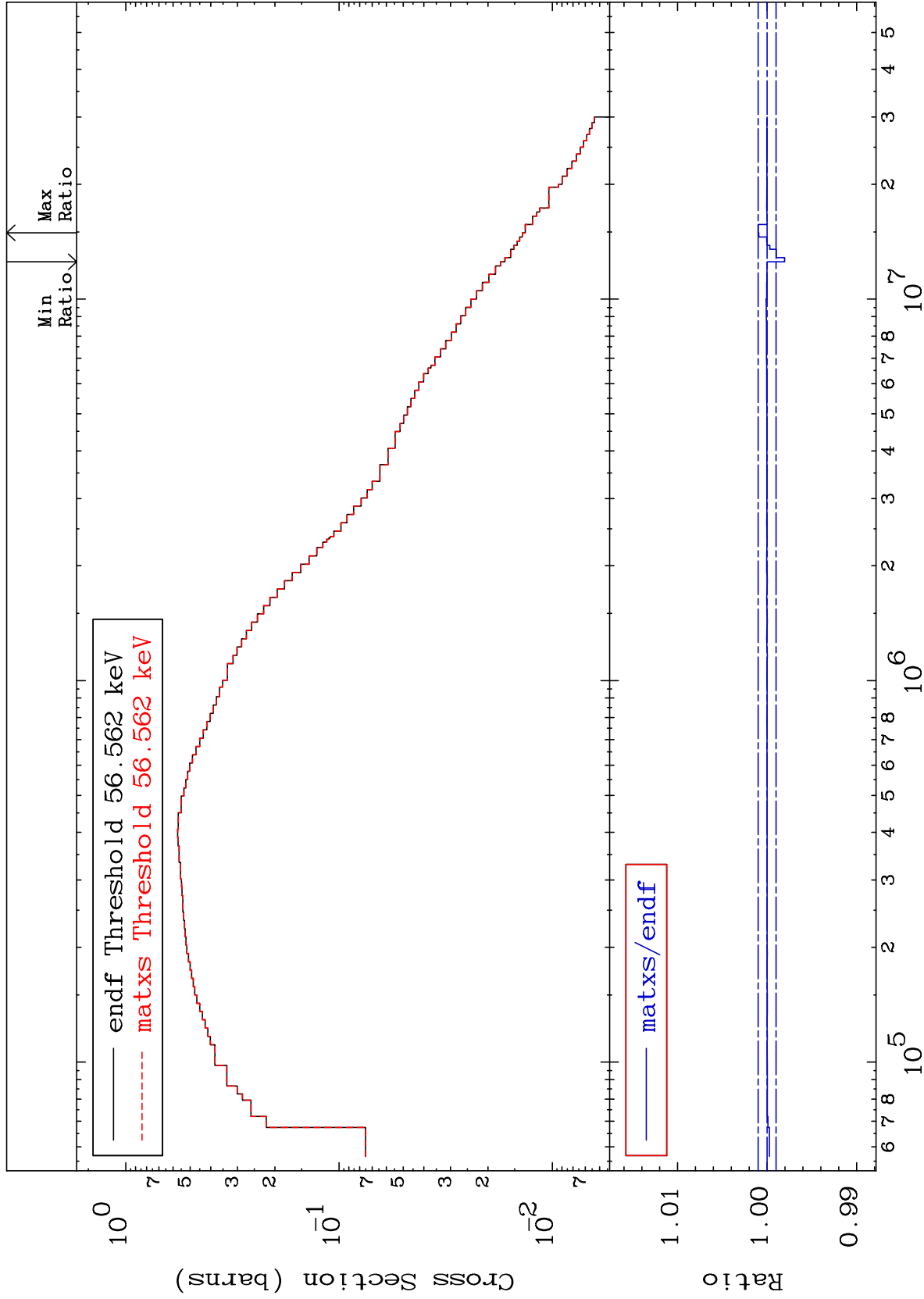
53-I -127
-0.786 To 1.284 %



MAT 5325

57.61 keV (n,n') Level
Cross Section

53-I -127
-0.196 To 0.100 %



5

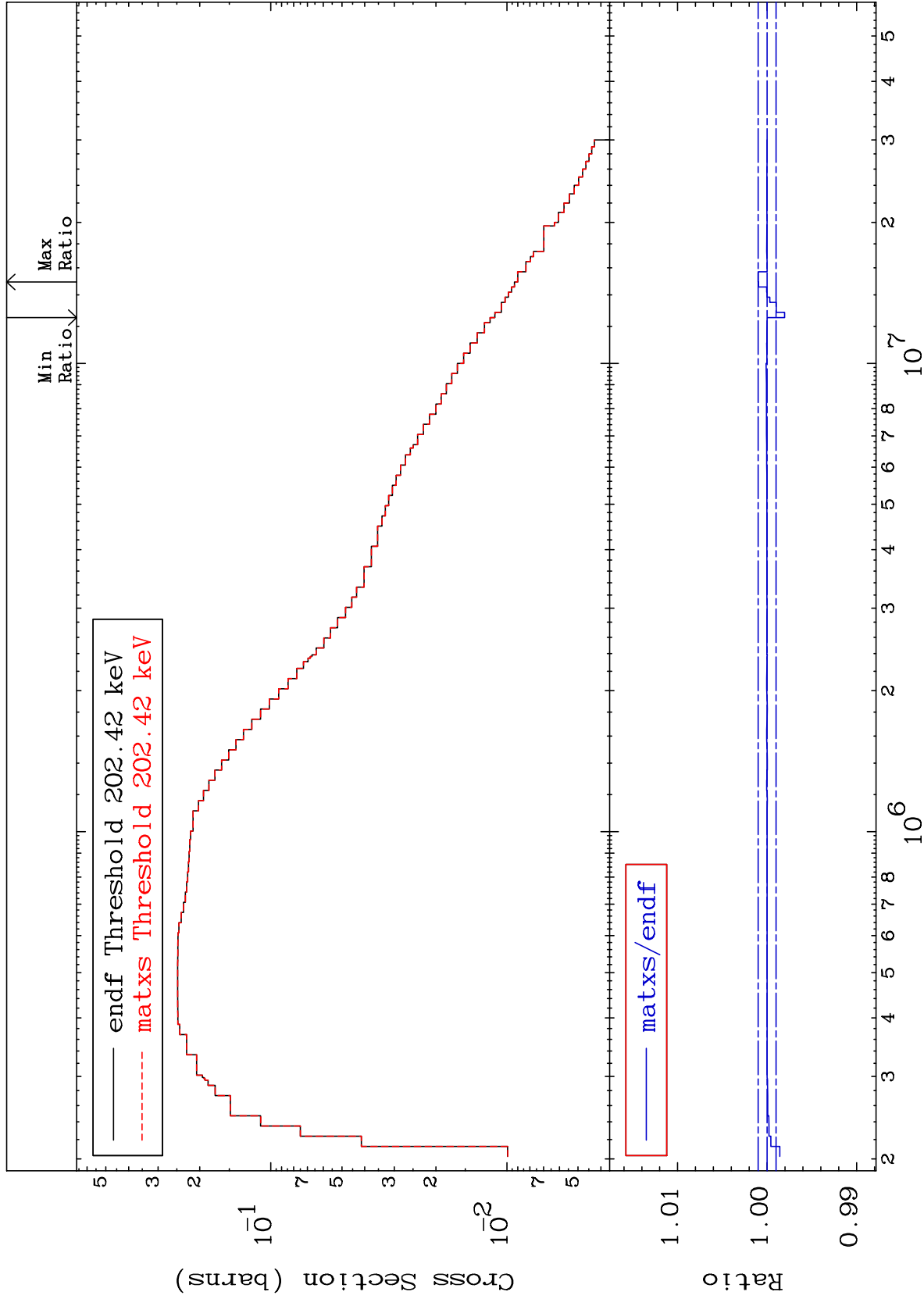
Incident Energy (eV)

53-I -127

MAT 5325

202.9 keV (n,n') Level
Cross Section

53-I -127
-0.196 To 0.100 %



6

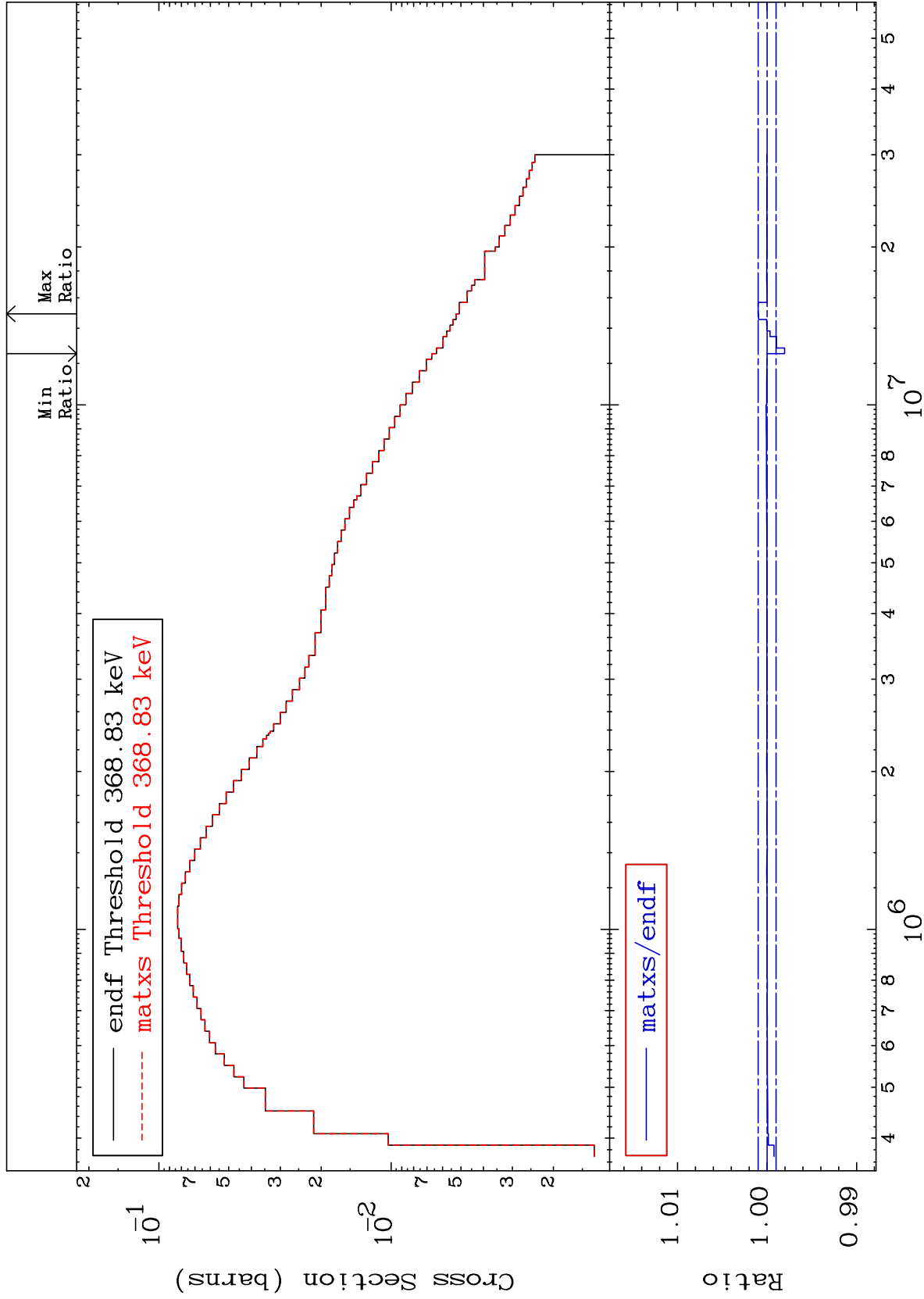
Incident Energy (eV)

53-I -127

MAT 5325

375.0 keV (n,n') Level
Cross Section

53-I -127
-0.197 To 0.100 %



7

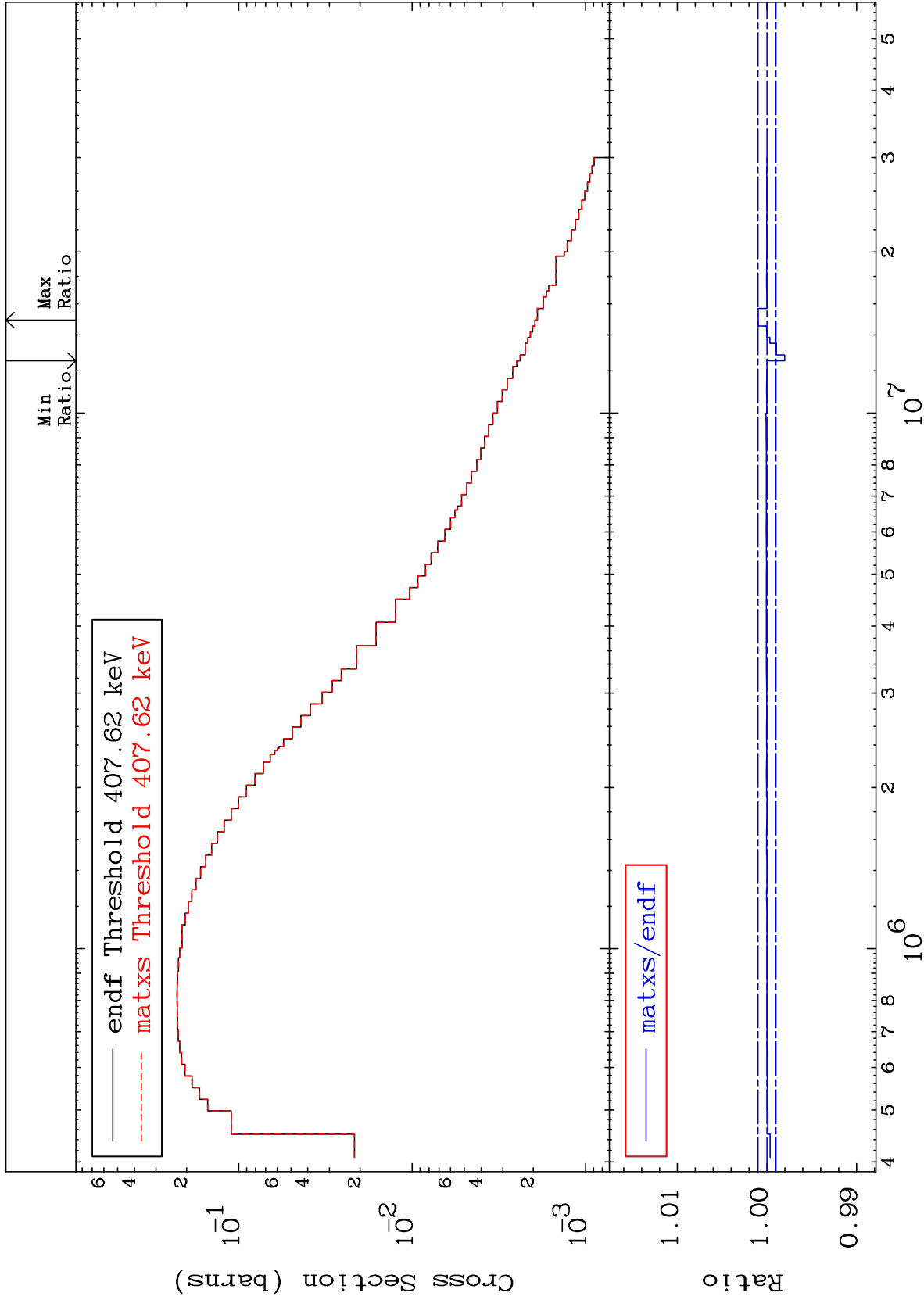
Incident Energy (eV)

53-I -127

MAT 5325

417.9 keV (n,n') Level
Cross Section

53-I -127
-0.197 To 0.101 %



8

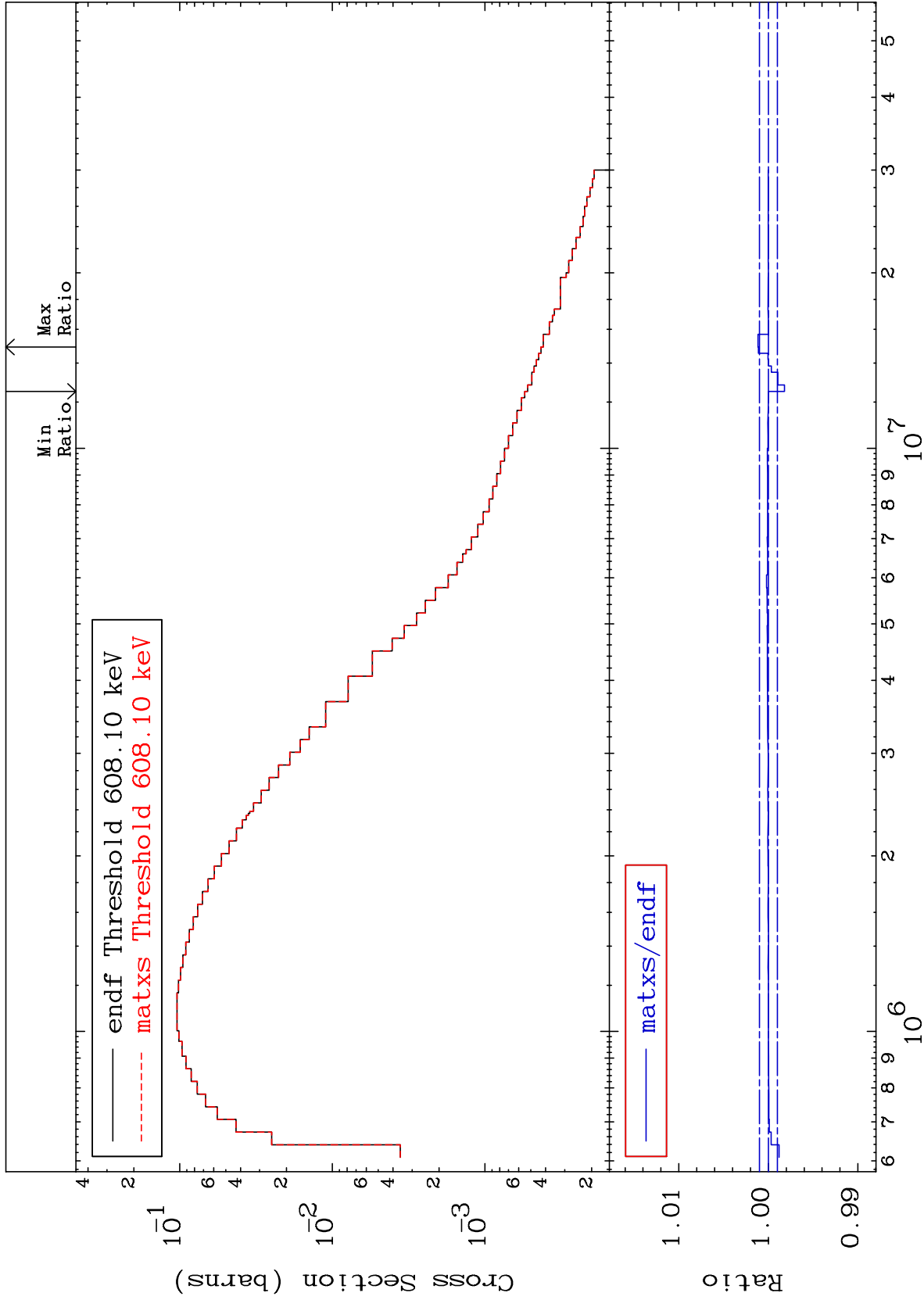
Incident Energy (eV)

53-I -127

MAT 5325

618.4 keV (n,n') Level
Cross Section

53-I -127
-0.180 To 0.116 %



9

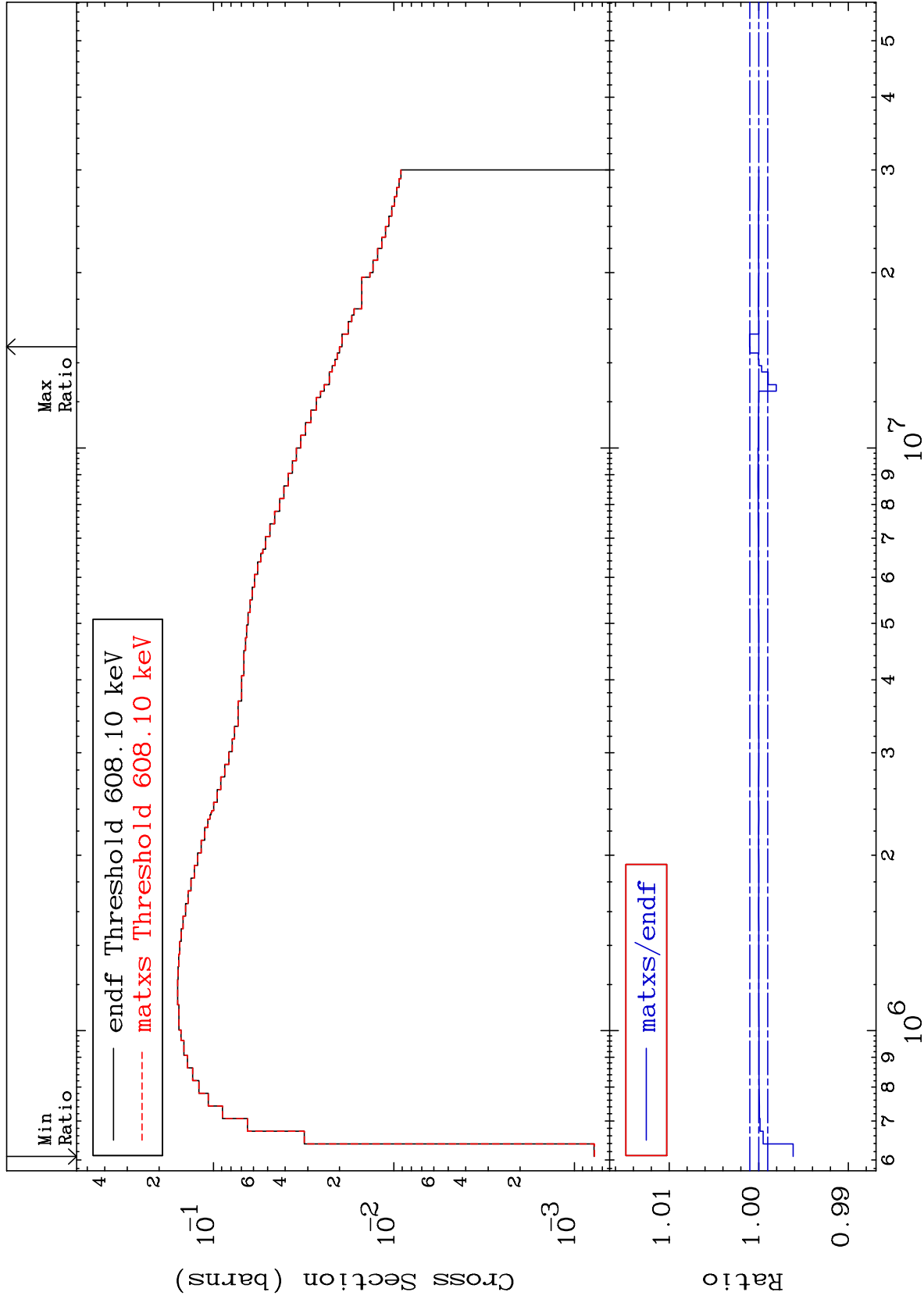
Incident Energy (eV)

53-I -127

MAT 5325

628.6 keV (n,n') Level
Cross Section

53-I -127
-0.383 To 0.102 %



10

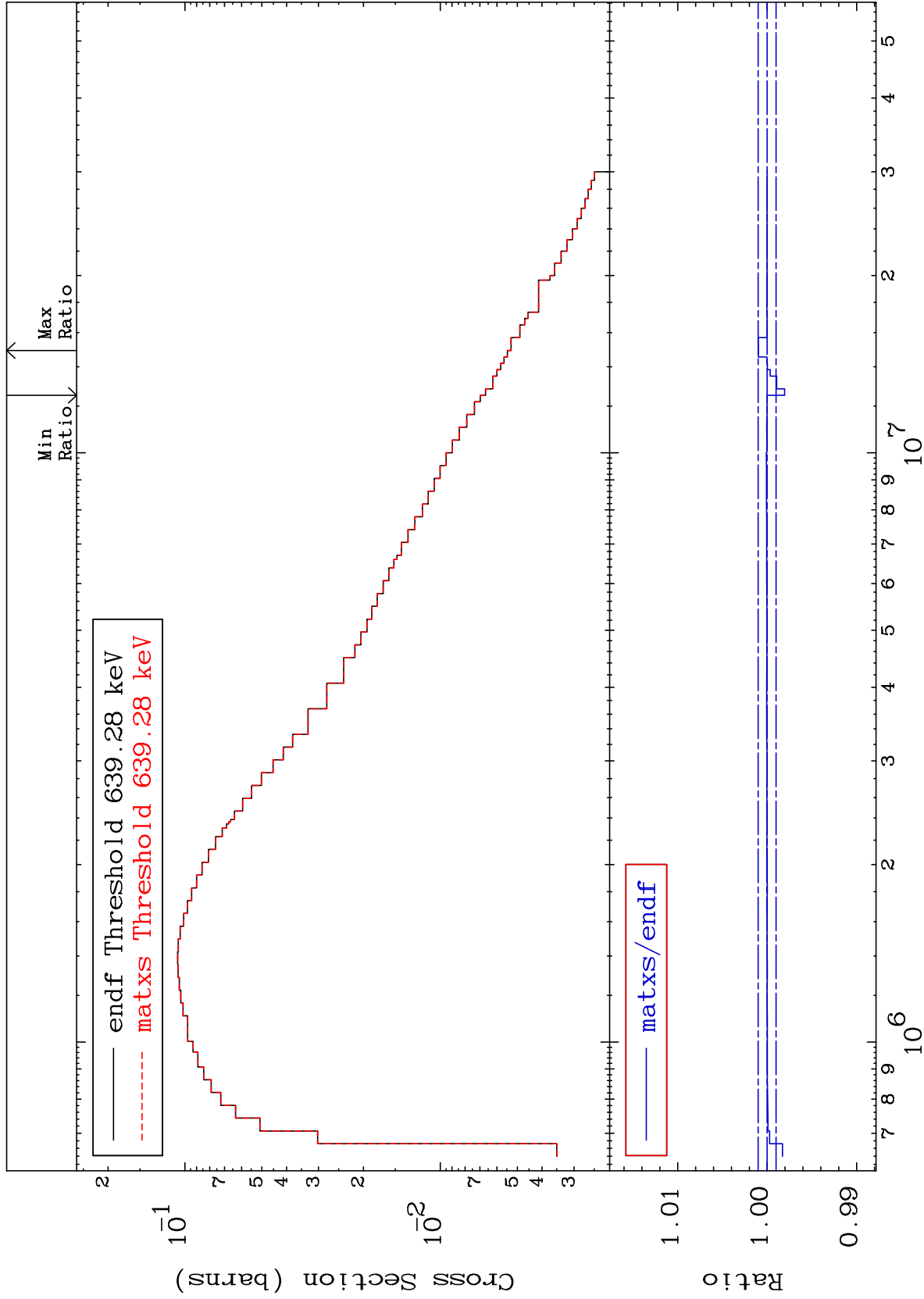
Incident Energy (eV)

53-I -127

MAT 5325

651.0 keV (n,n') Level
Cross Section

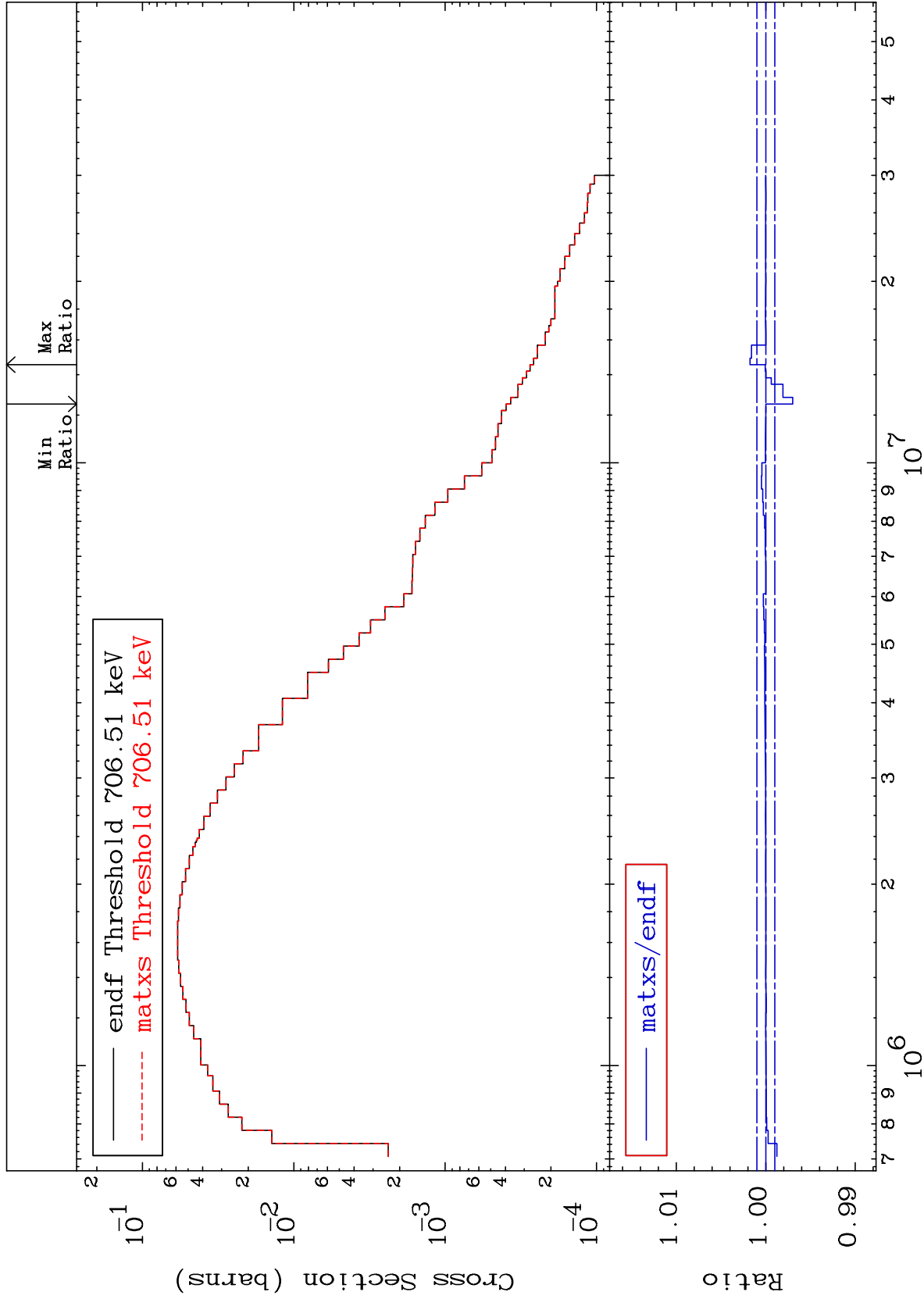
53-I -127
-0.195 To 0.102 %



MAT 5325

716.5 keV (n,n') Level
Cross Section

53-I -127
-0.301 To 0.177 %



12

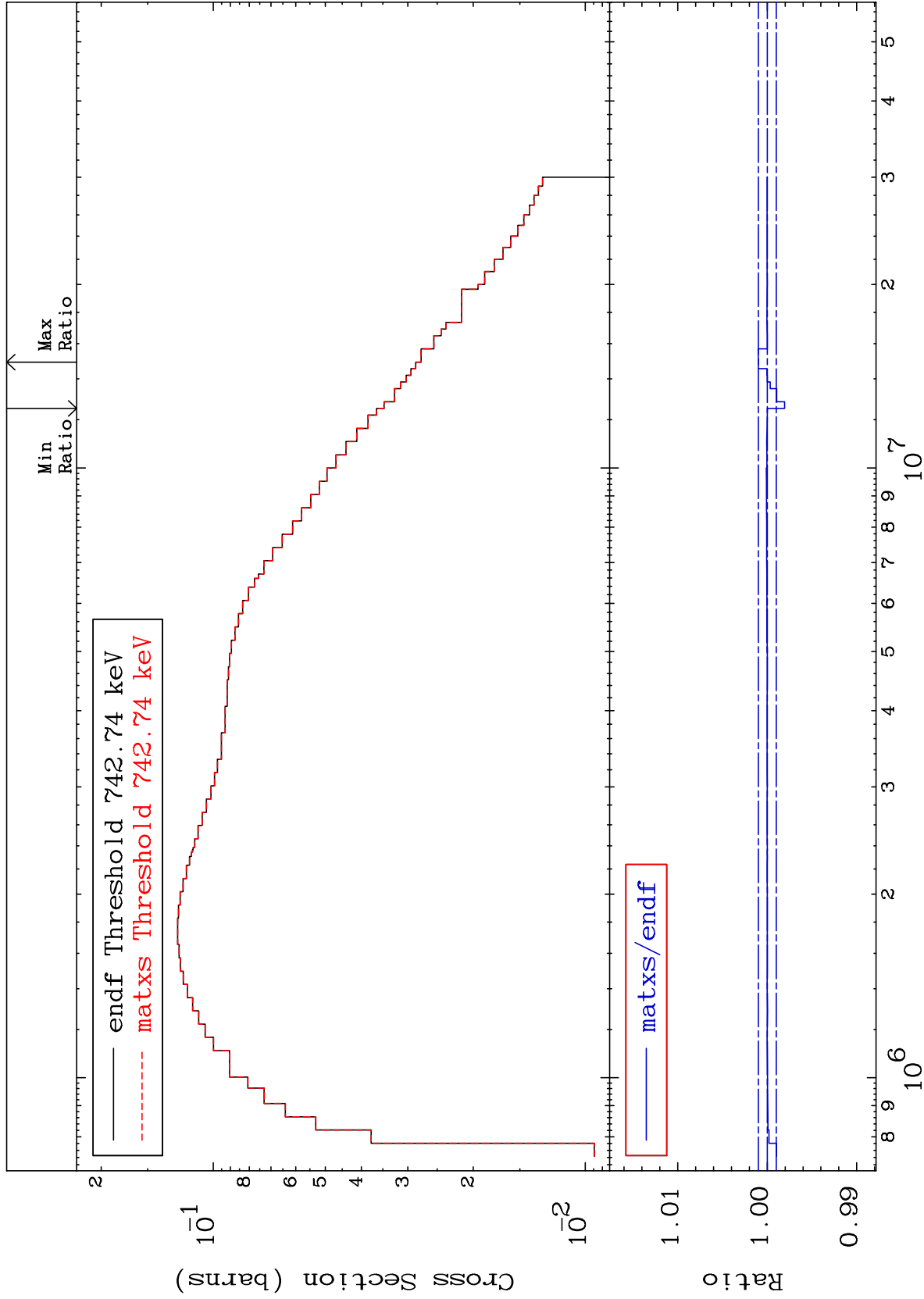
Incident Energy (eV)

53-I -127

MAT 5325

744.7 keV (n,n') Level
Cross Section

53-I -127
-0.195 To 0.102 %



13

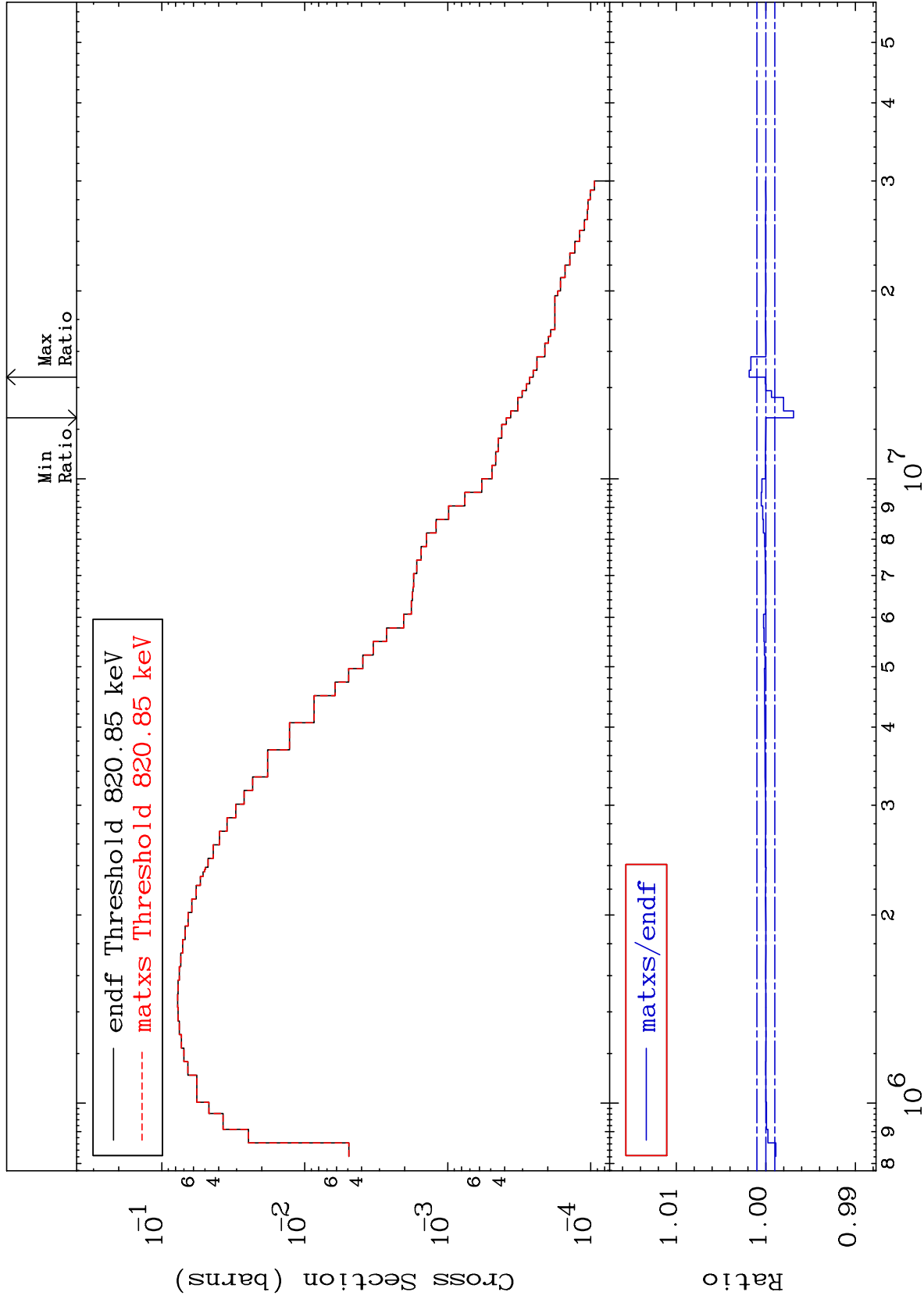
Incident Energy (eV)

53-I -127

MAT 5325

827.6 keV (n,n') Level
Cross Section

53-I -127
-0.310 To 0.186 %



14

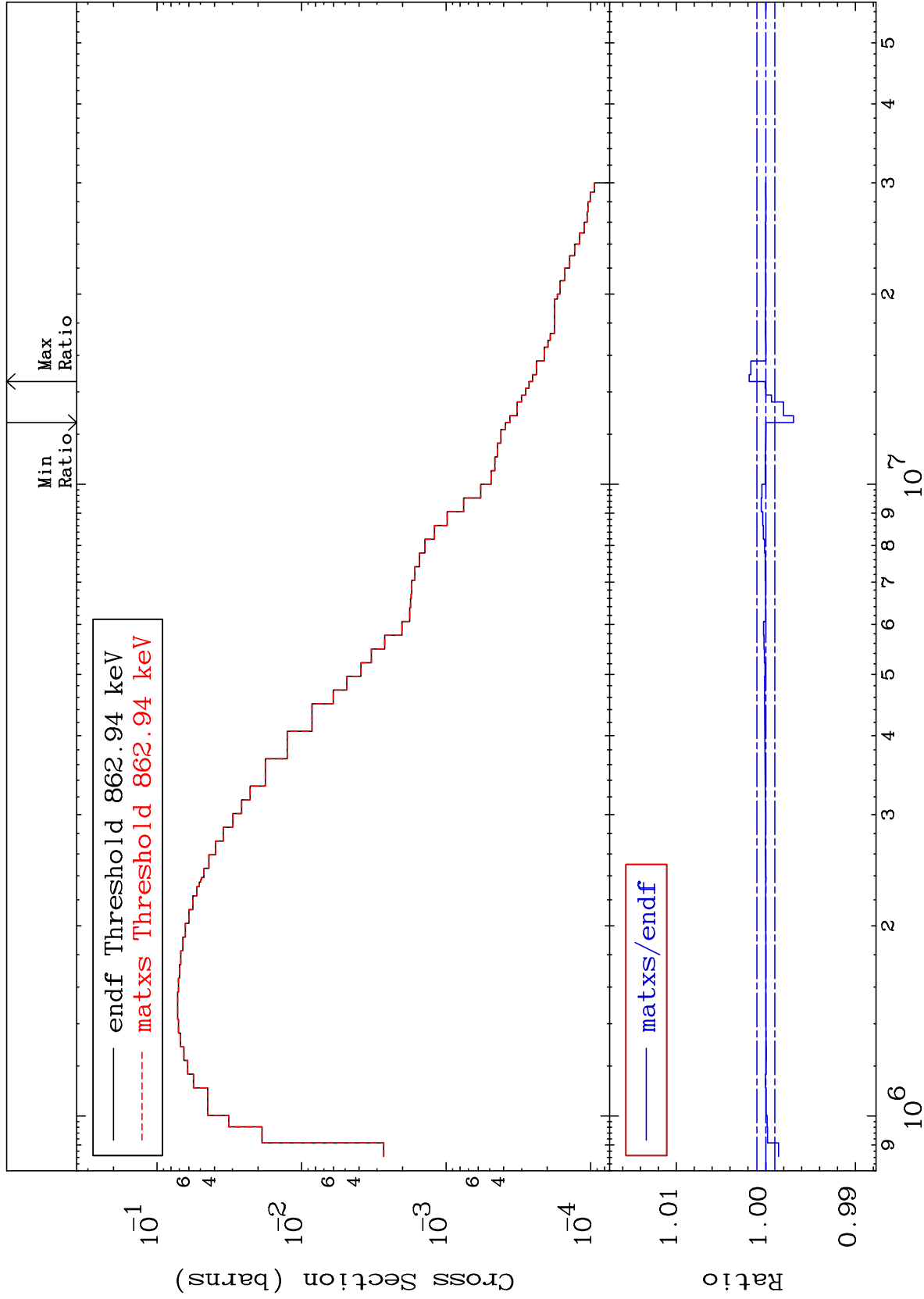
Incident Energy (eV)

53-I -127

MAT 5325

883.0 keV (n,n') Level
Cross Section

53-I -127
-0.309 To 0.185 %



Incident Energy (eV)

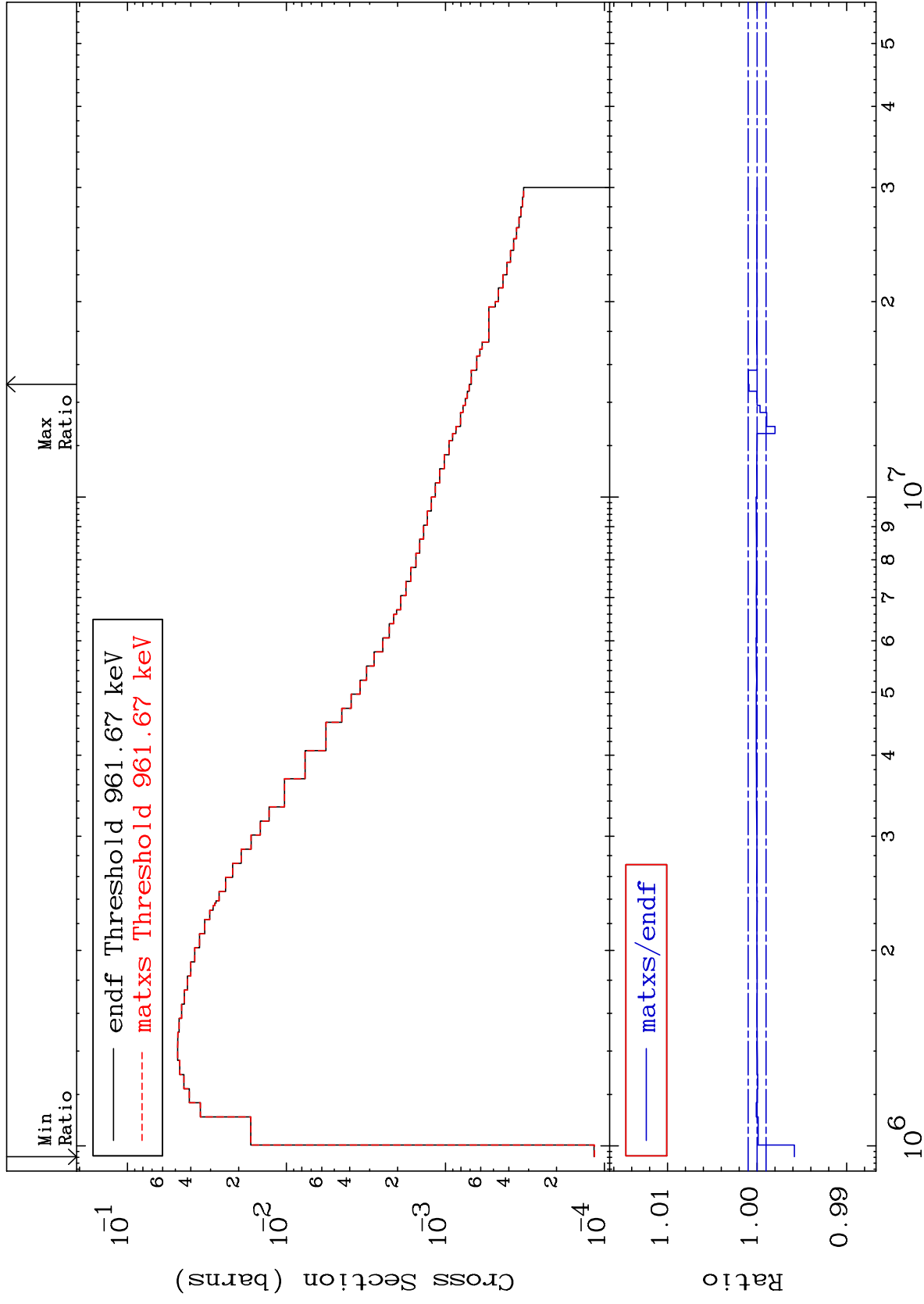
15

53-I -127

MAT 5325

990.9 keV (n,n') Level
Cross Section

53-I -127
-0.416 To 0.098 %



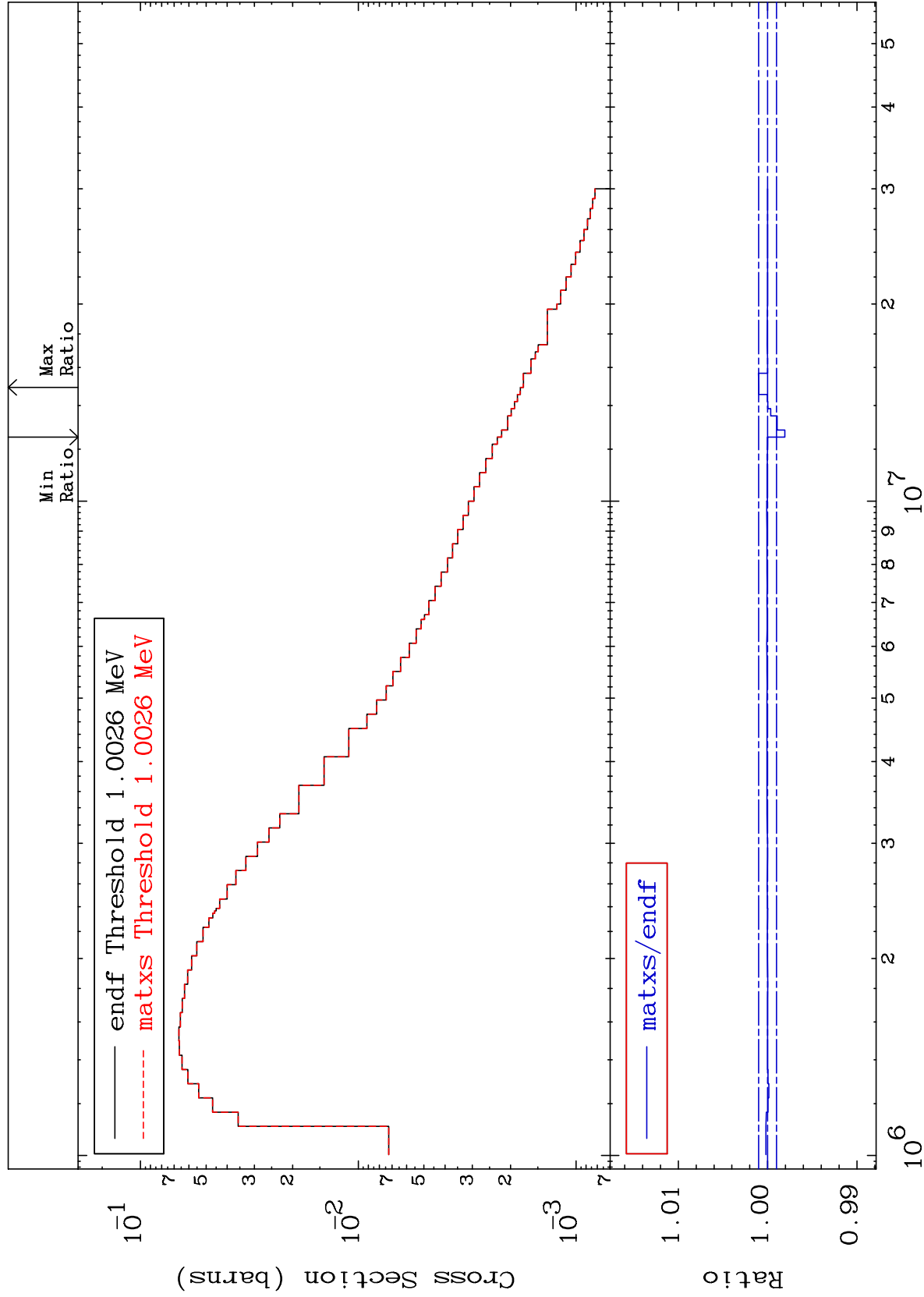
Incident Energy (eV)

53-I -127

MAT 5325

1.044 MeV (n,n') Level
Cross Section

53-I -127
-0.192 To 0.103 %



17

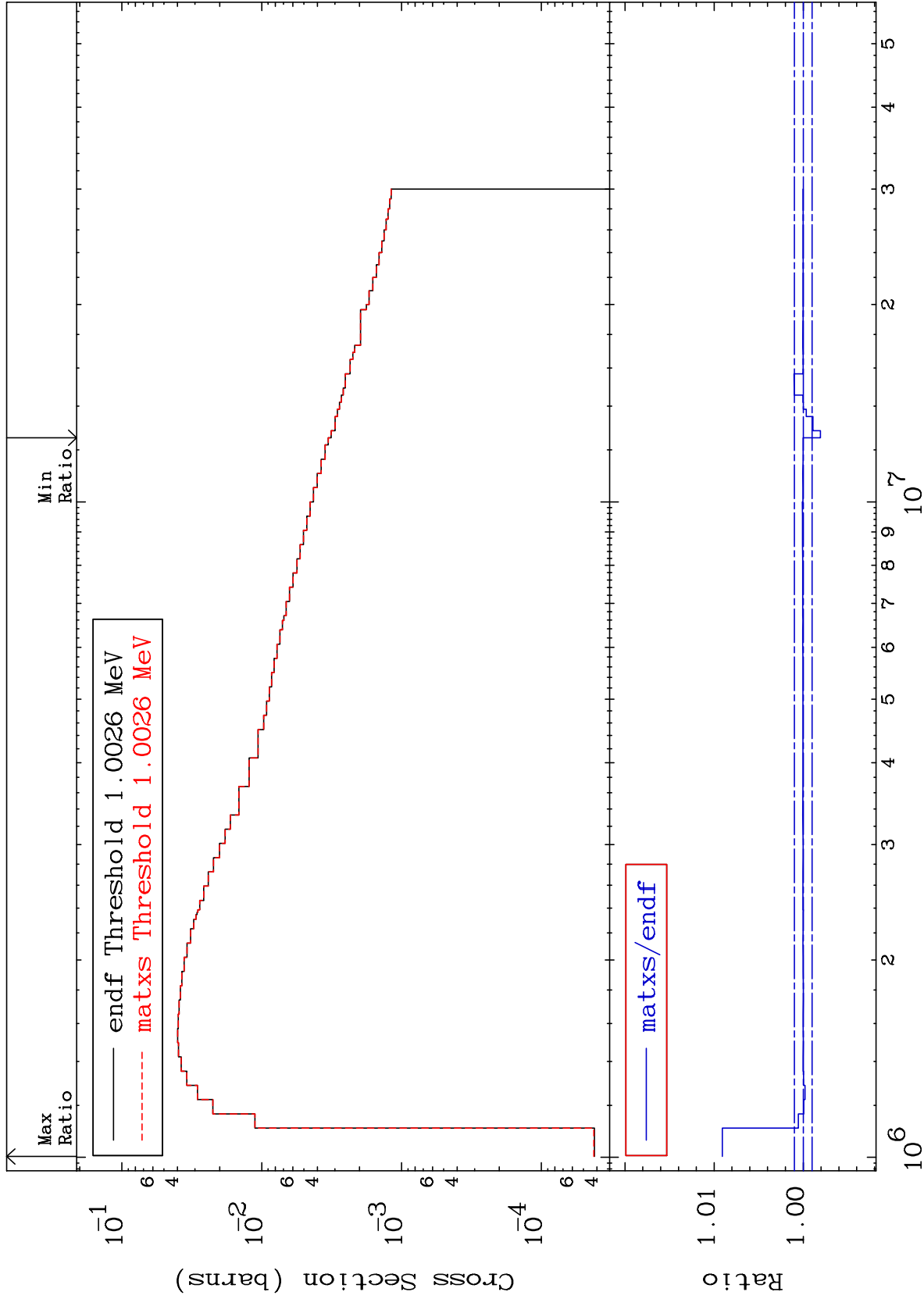
Incident Energy (eV)

53-I -127

MAT 5325

1.094 MeV (n,n') Level
Cross Section

53-I -127
-0.192 To 0.907 %



18

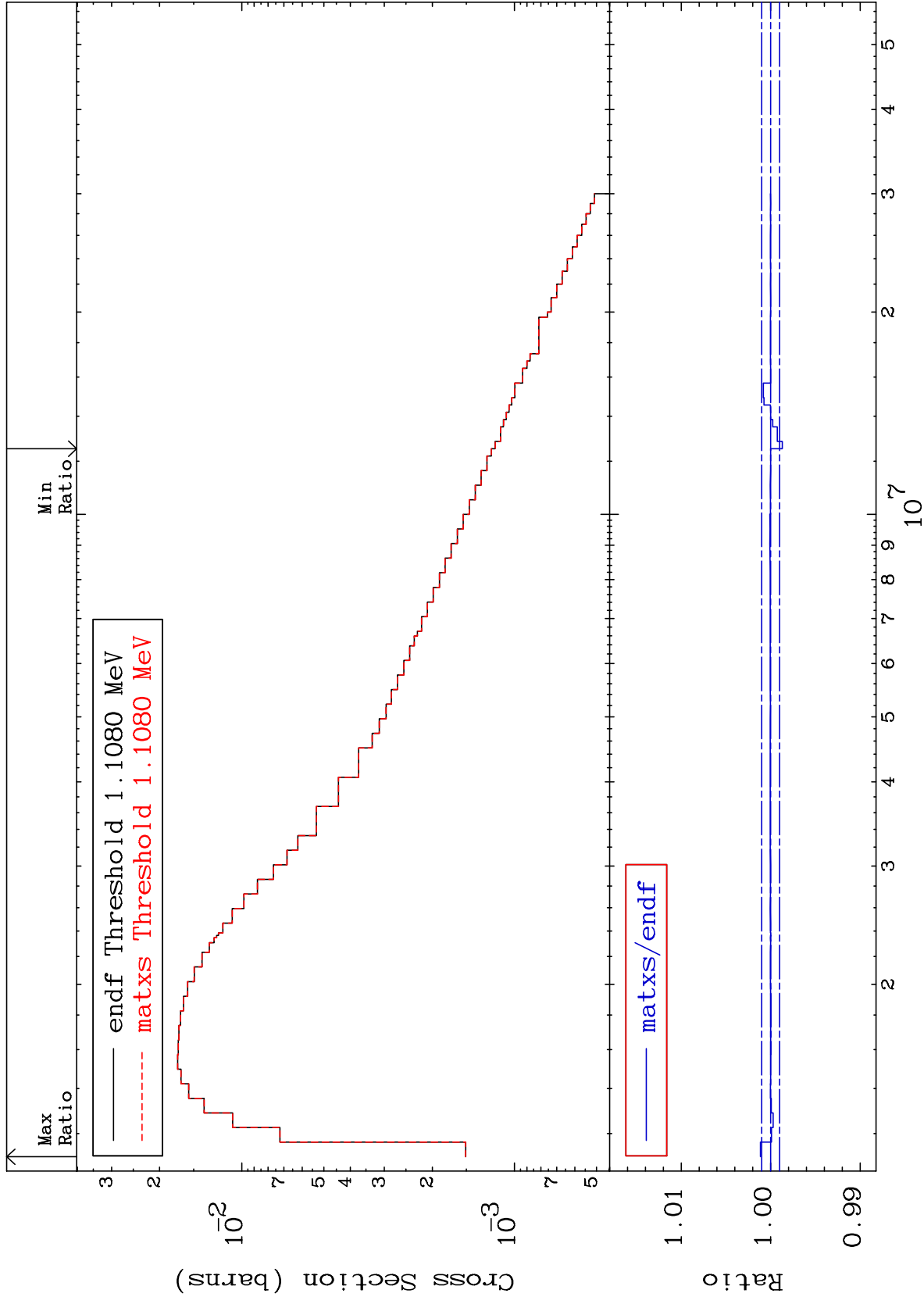
Incident Energy (eV)

53-I -127

MAT 5325

1.123 MeV (n,n') Level
Cross Section

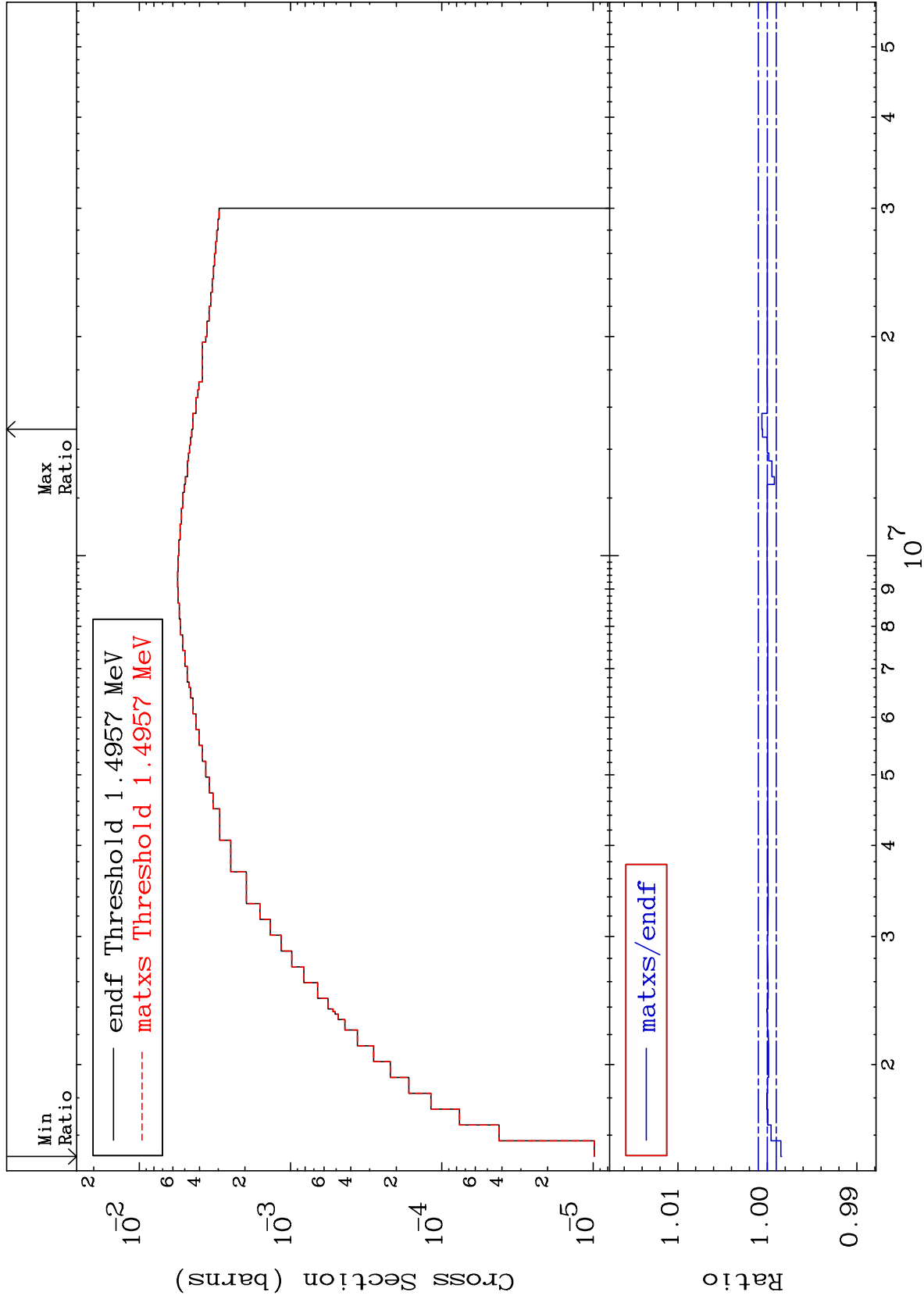
53-I -127
-0.131 To 0.115 %



MAT 5325

1.500 MeV (n,n') Level
Cross Section

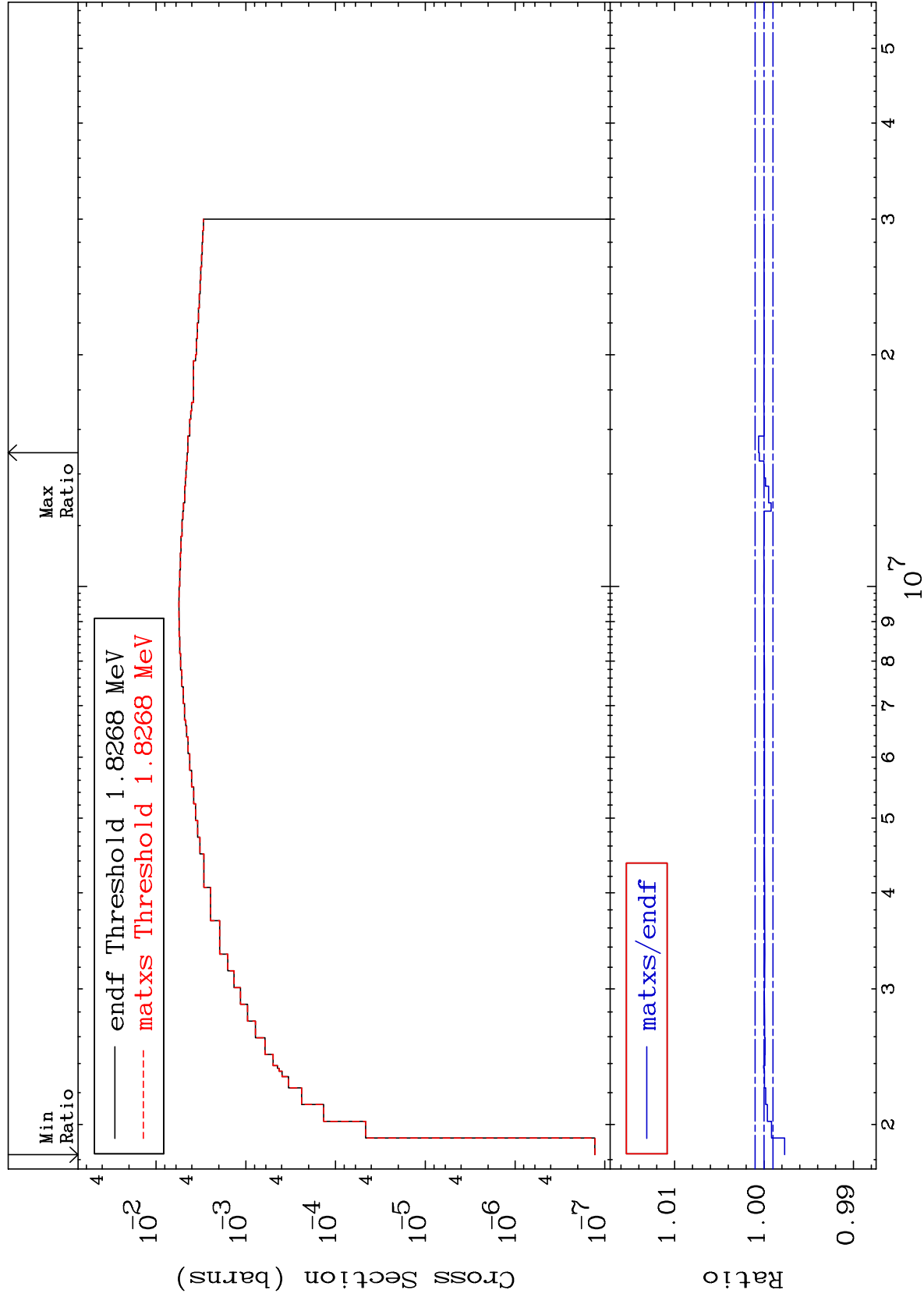
53-I -127
-0.151 To 0.060 %



MAT 5325

1.900 MeV (n,n') Level
Cross Section

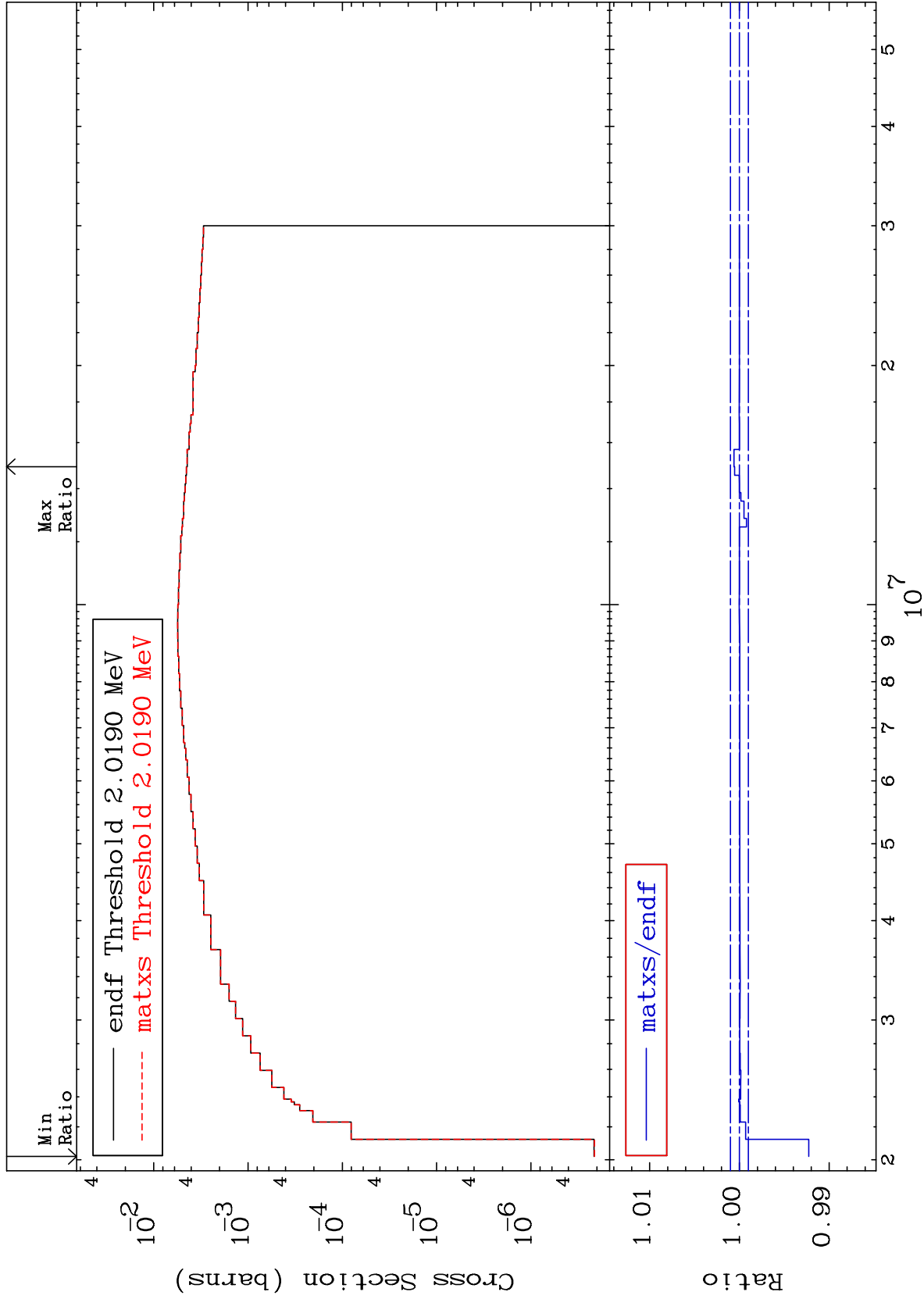
53-I -127
-0.230 To 0.060 %



MAT 5325

2.100 MeV (n,n') Level
Cross Section

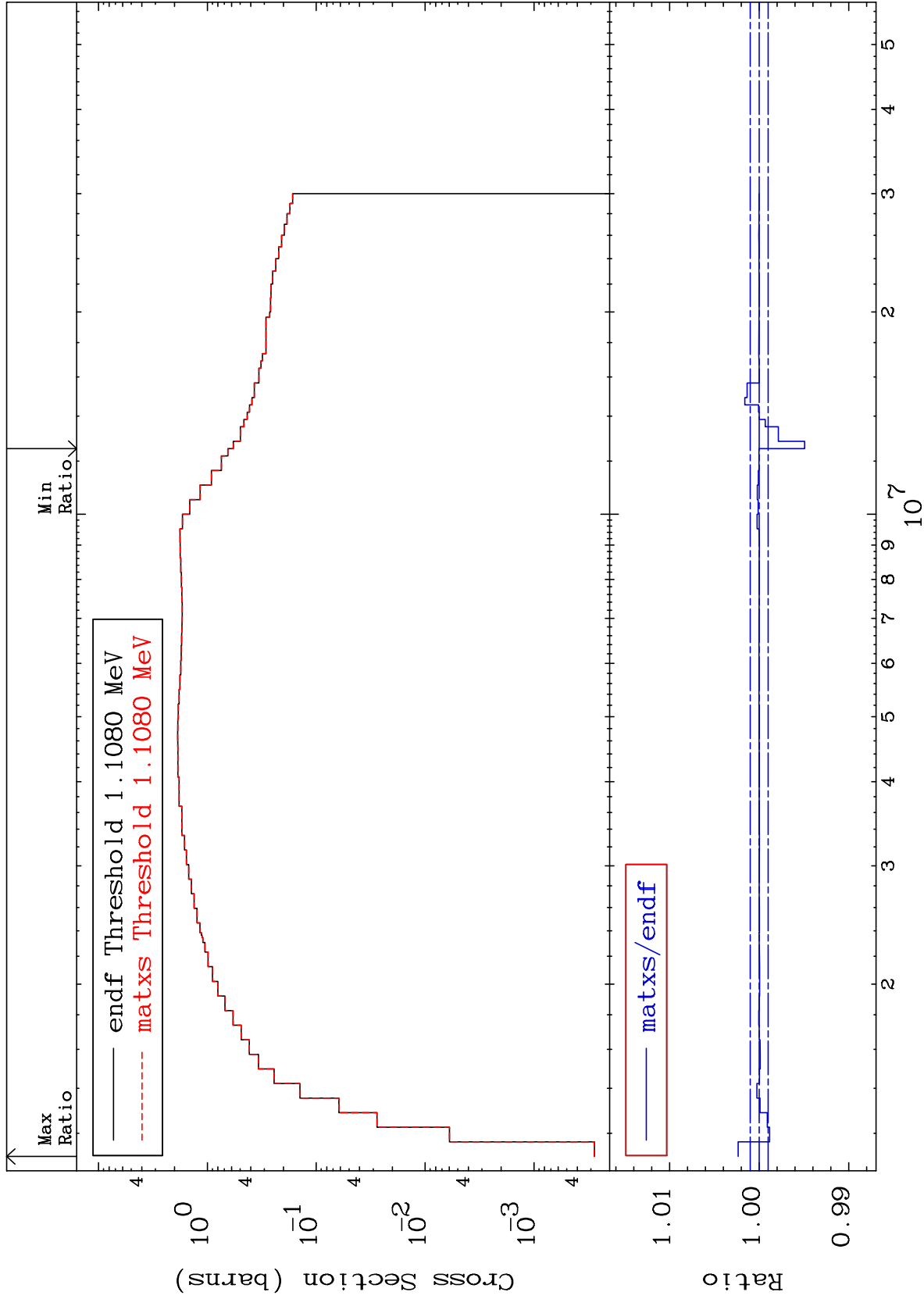
53-I -127
-0.772 To 0.060 %



MAT 5325

(n,n') Continuum
Cross Section

53-I -127
-0.508 To 0.234 %



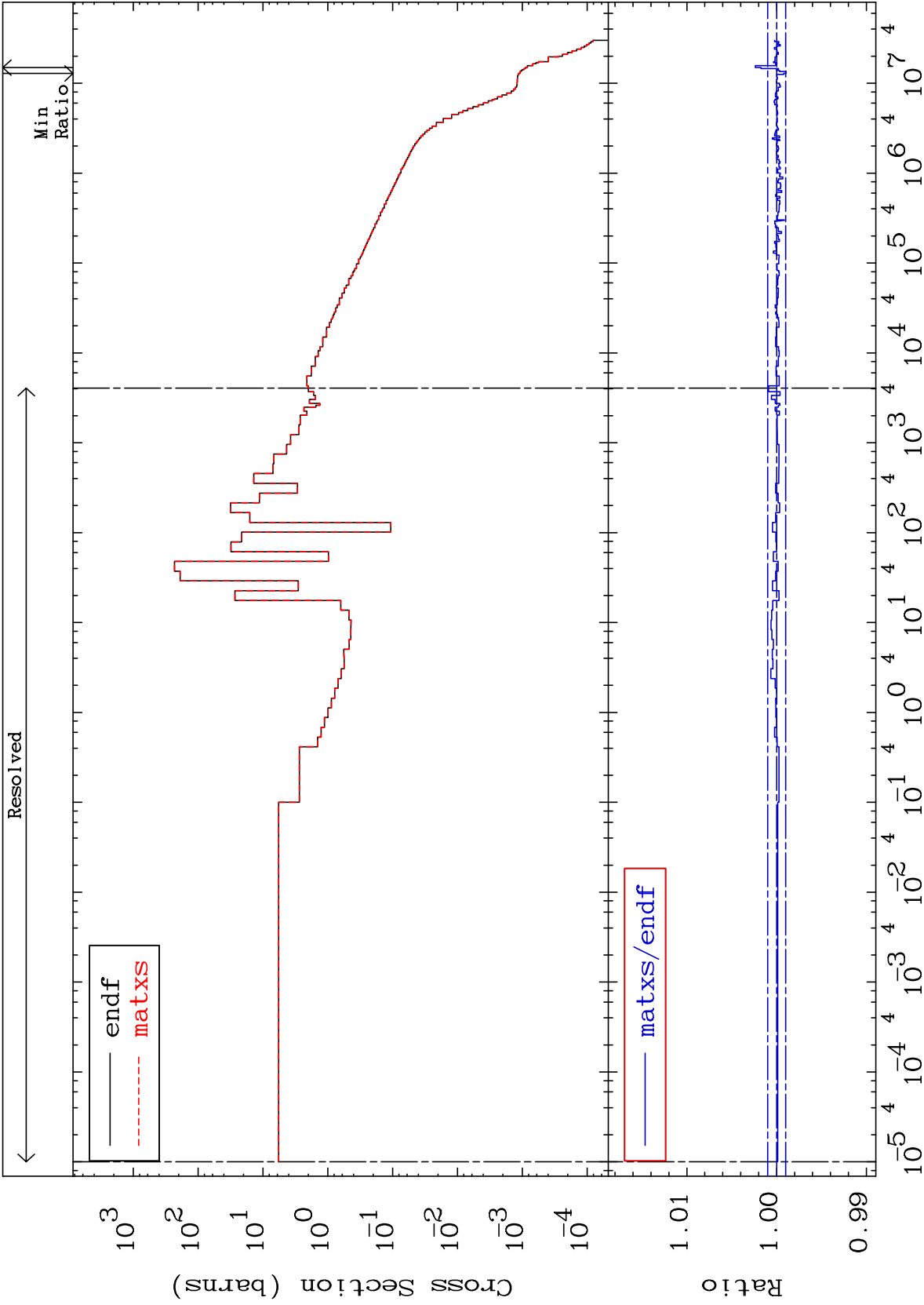
MAT 5325

(n, γ)

53-I -127

Cross Section

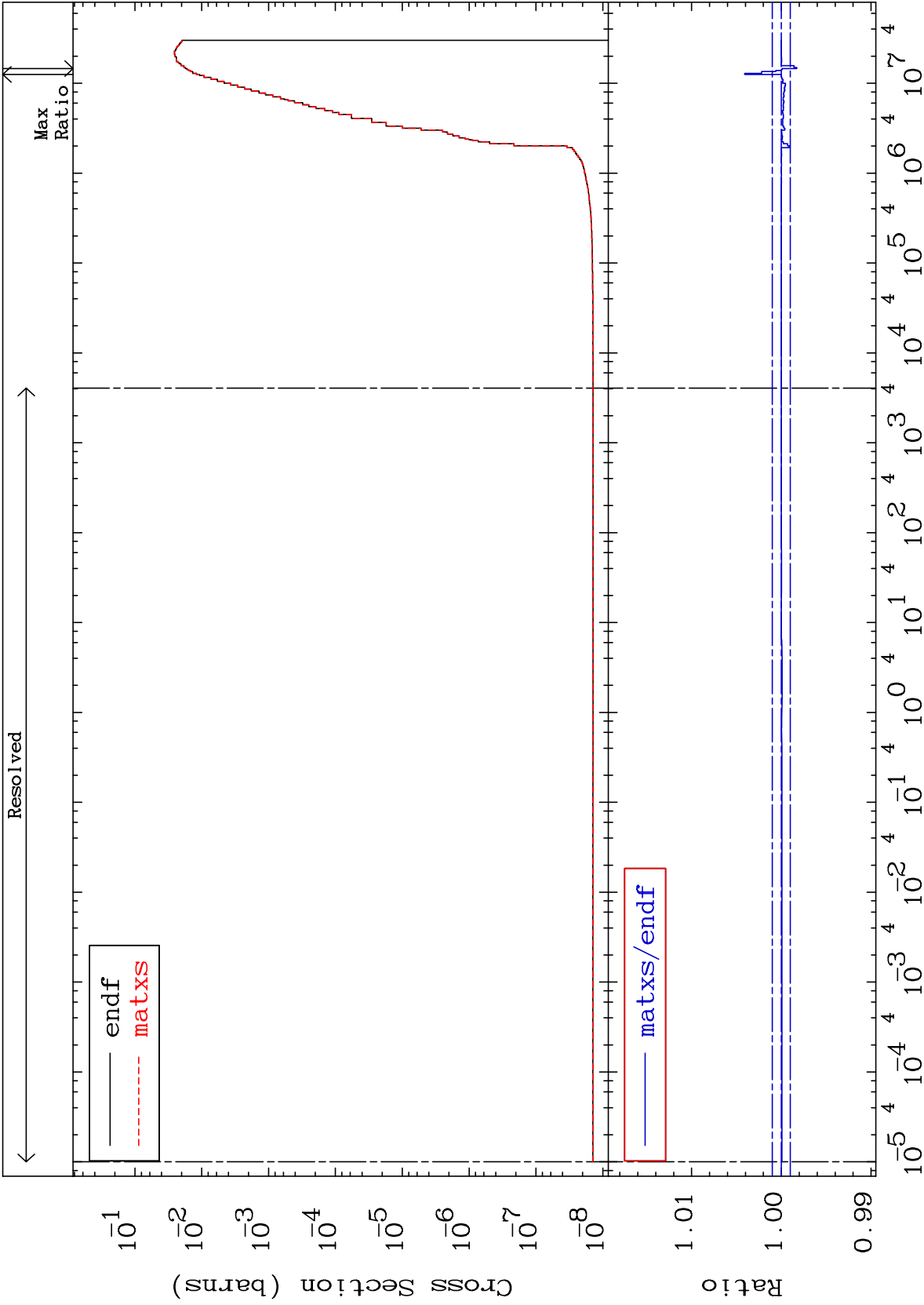
-0.106 To 0.237 %



MAT 5325

(n,p)
Cross Section

53-I -127
-0.172 To 0.408 %



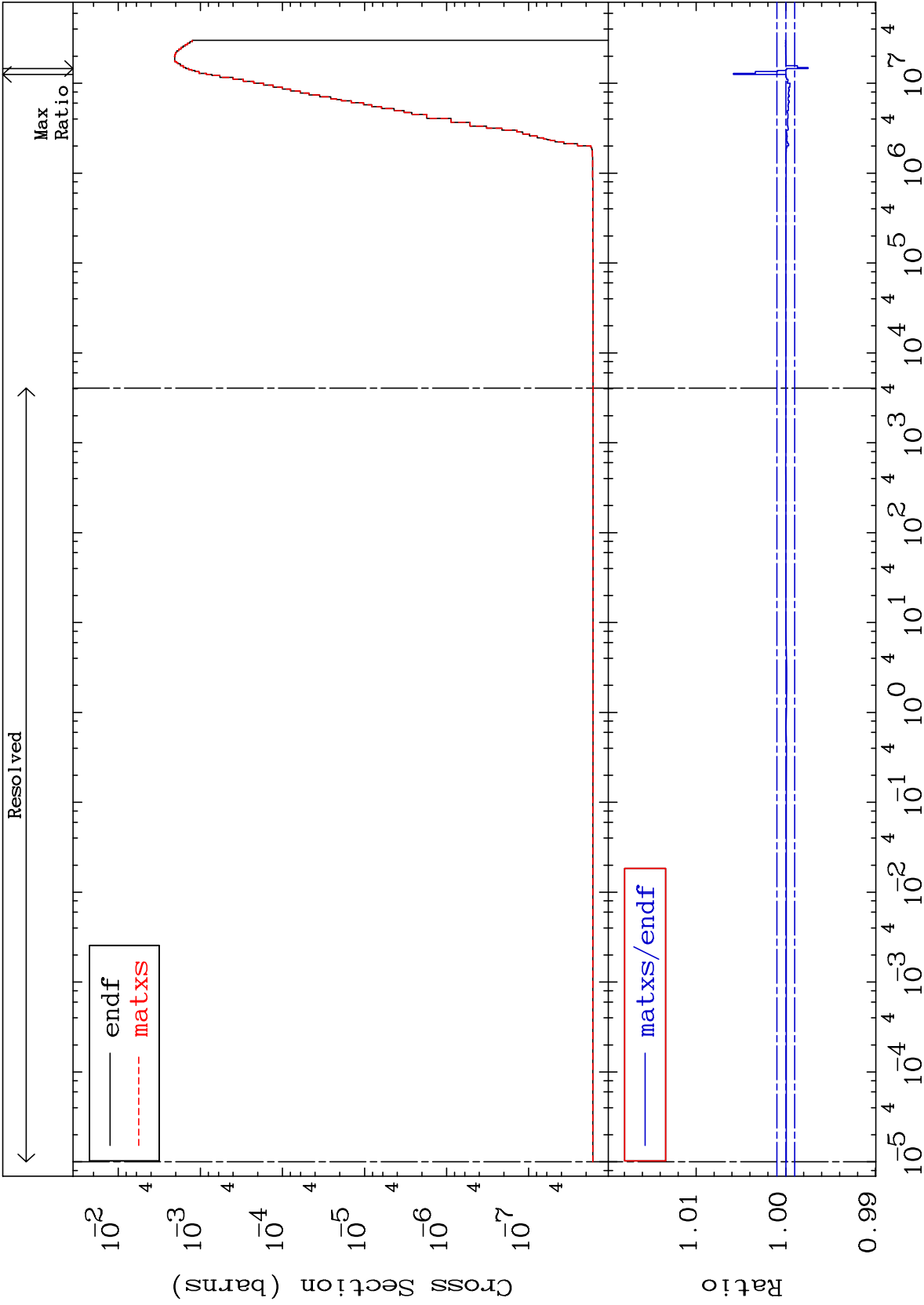
MAT 5325

(n, α)

53-I -127

Cross Section

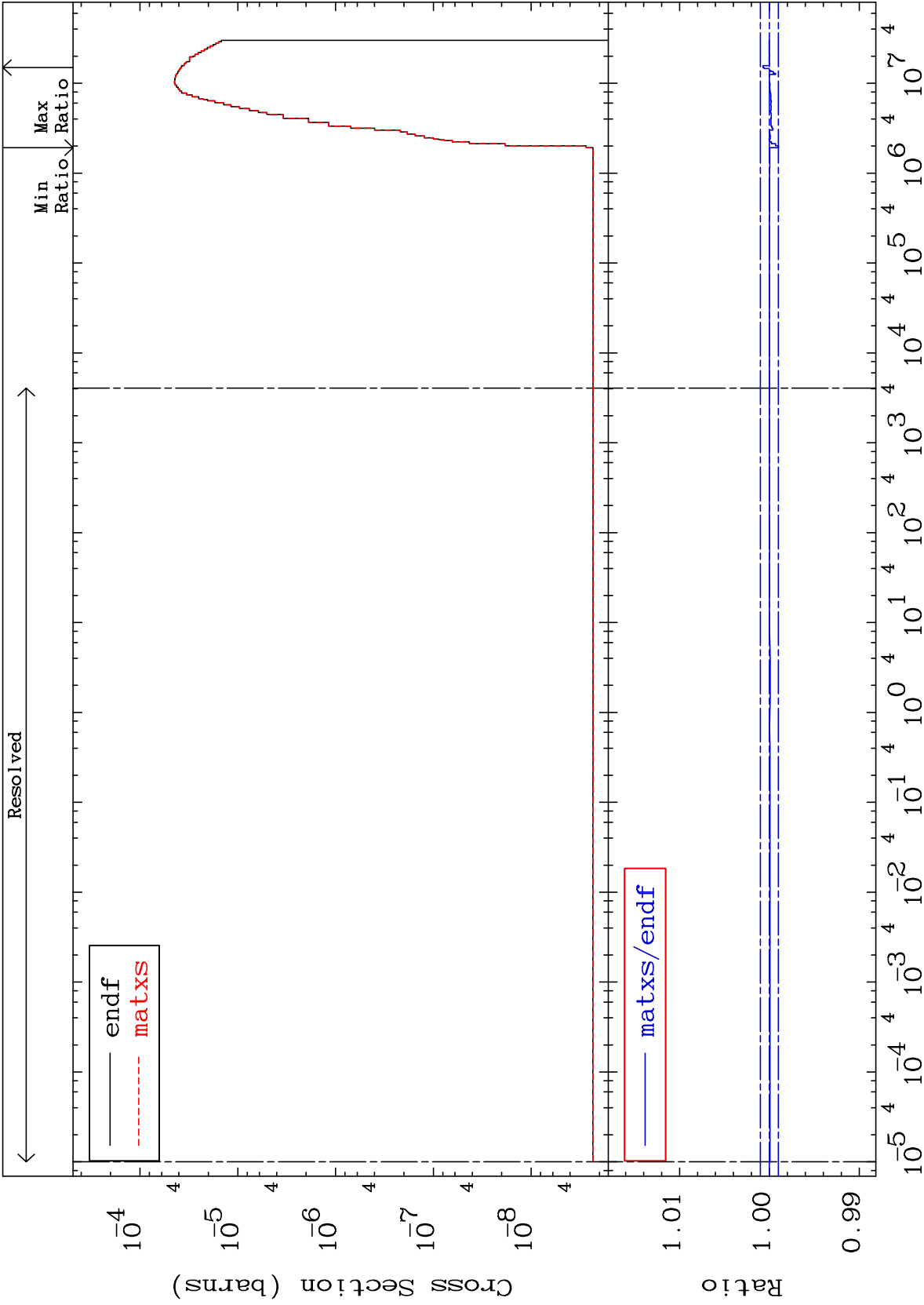
-0.248 To 0.584 %



MAT 5325

61.12 keV (n,p') Level
Cross Section

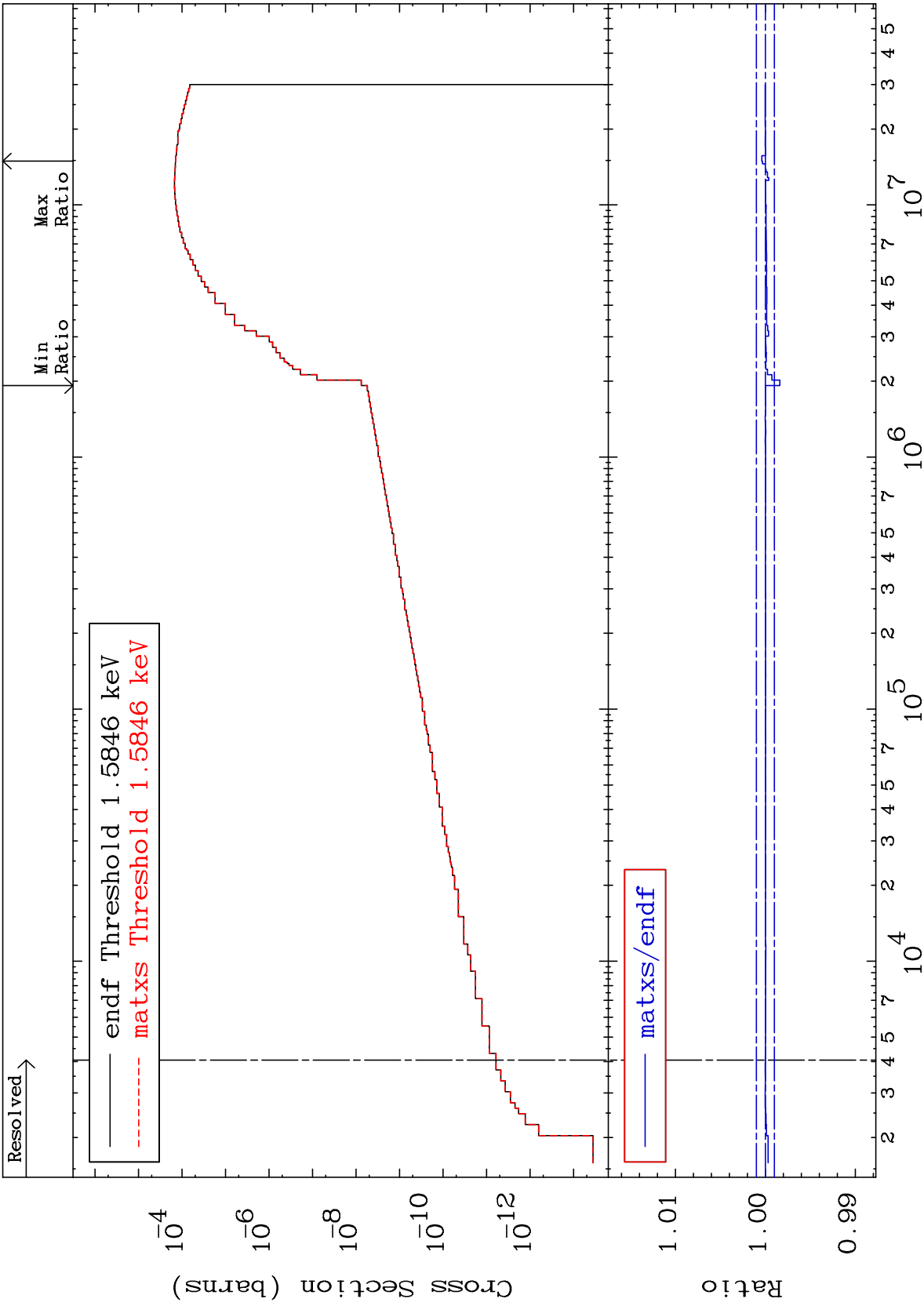
53-I -127
-0.102 To 0.072 %



MAT 5325

88.26 keV (n,p') Level
Cross Section

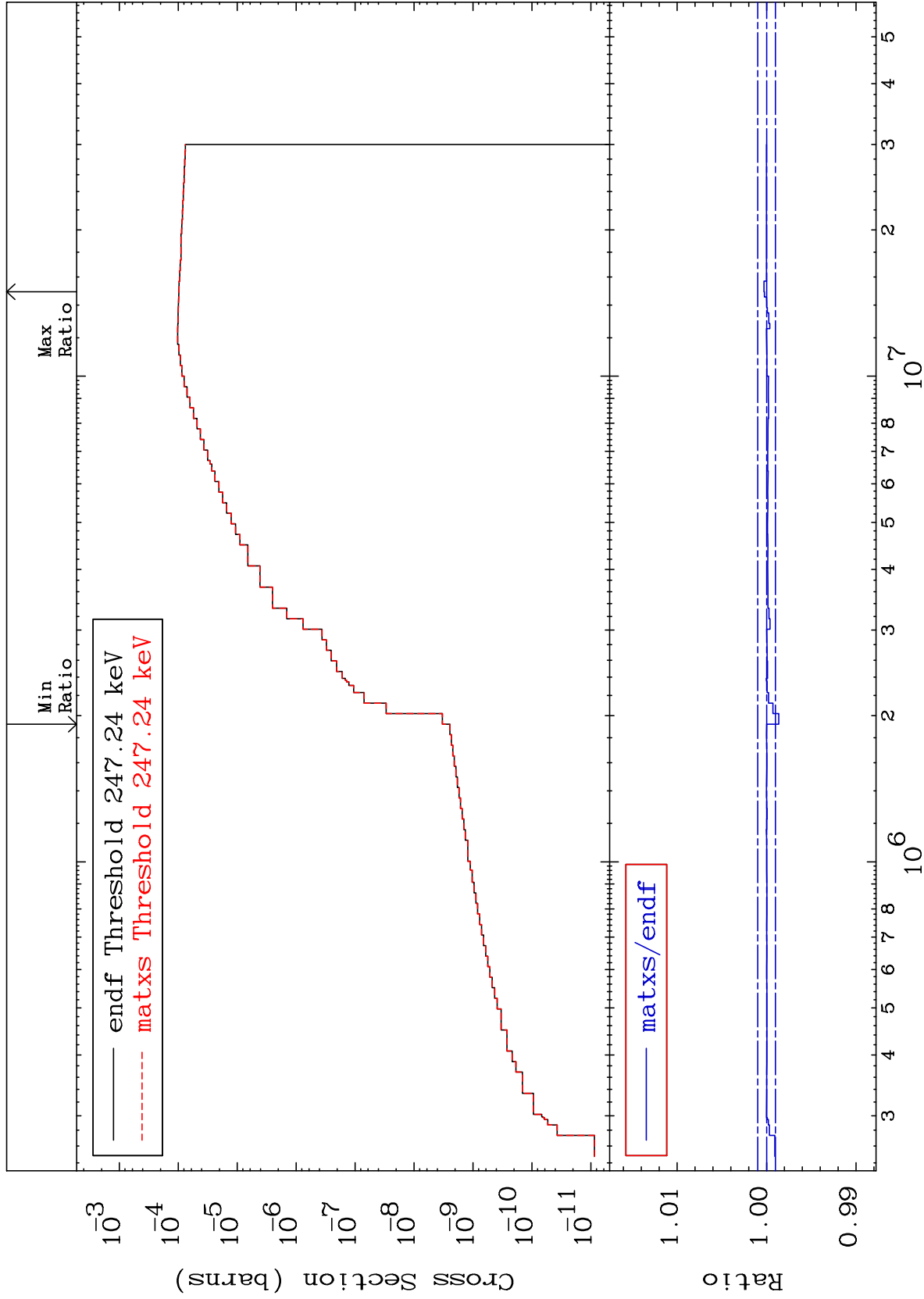
53-I -127
-0.160 To 0.040 %



MAT 5325

340.1 keV (n,p') Level
Cross Section

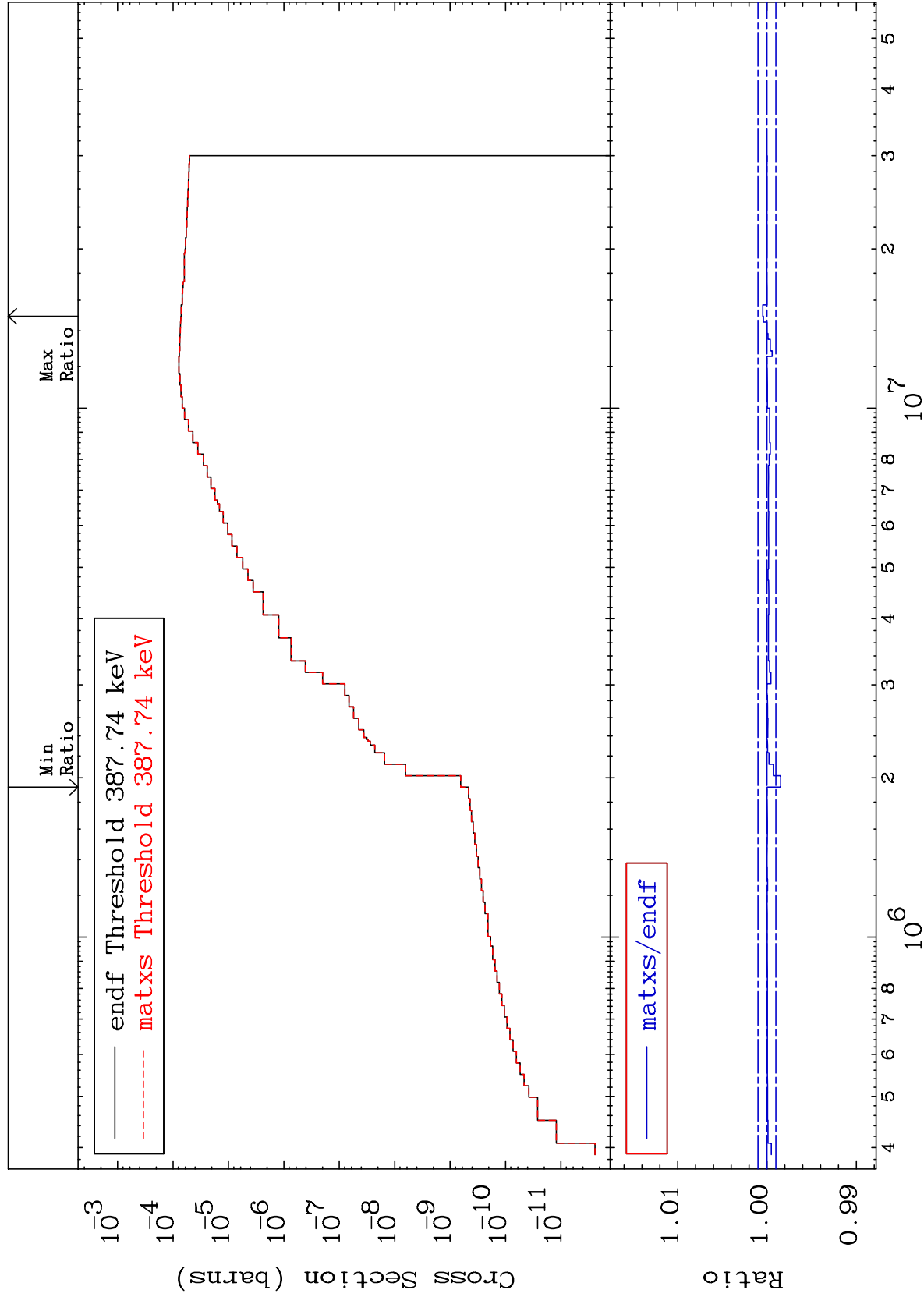
53-I -127
-0.137 To 0.029 %



MAT 5325

473.2 keV (n,p') Level
Cross Section

53-I -127
-0.152 To 0.048 %



30

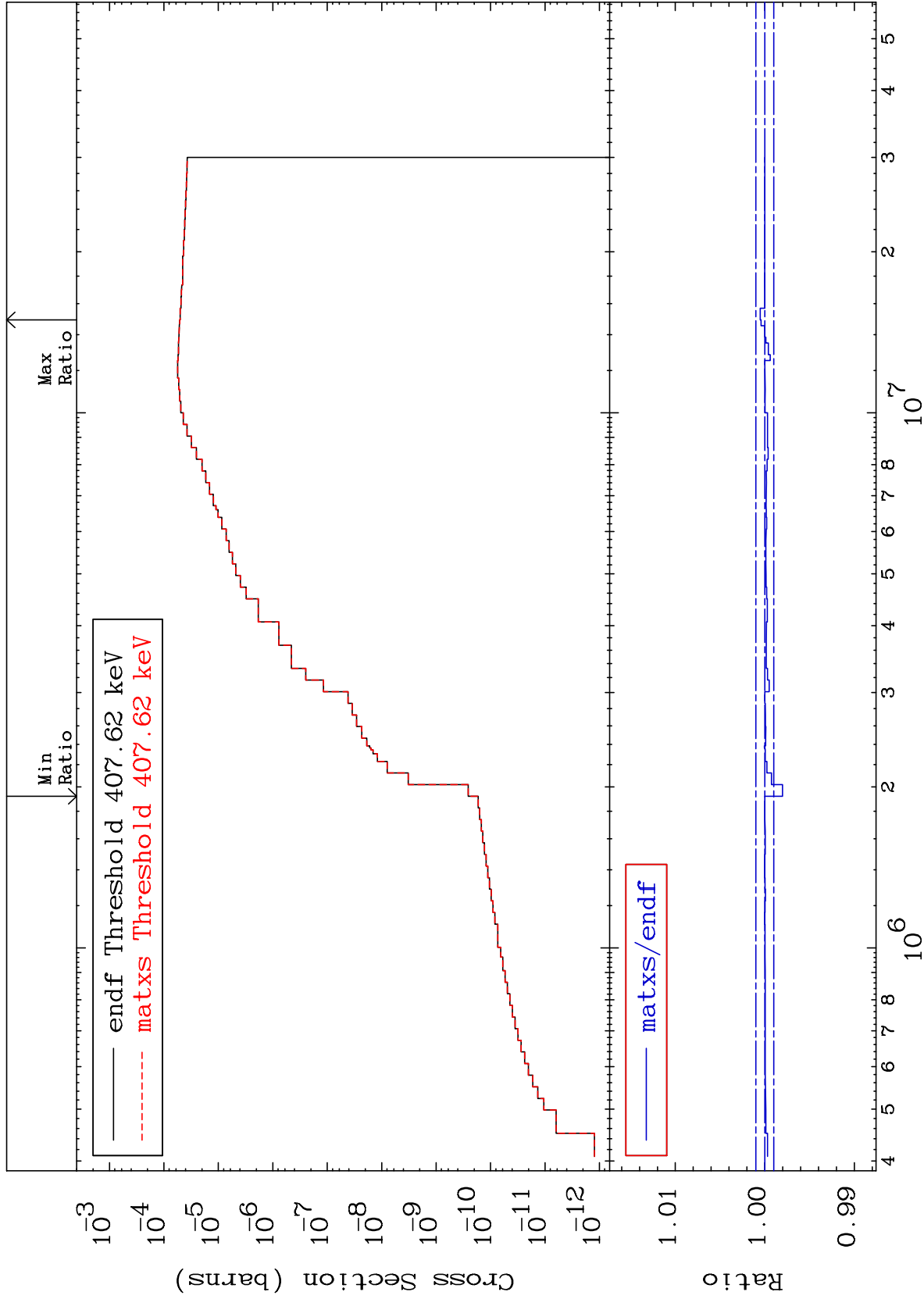
Incident Energy (eV)

53-I -127

MAT 5325

502.9 keV (n,p') Level
Cross Section

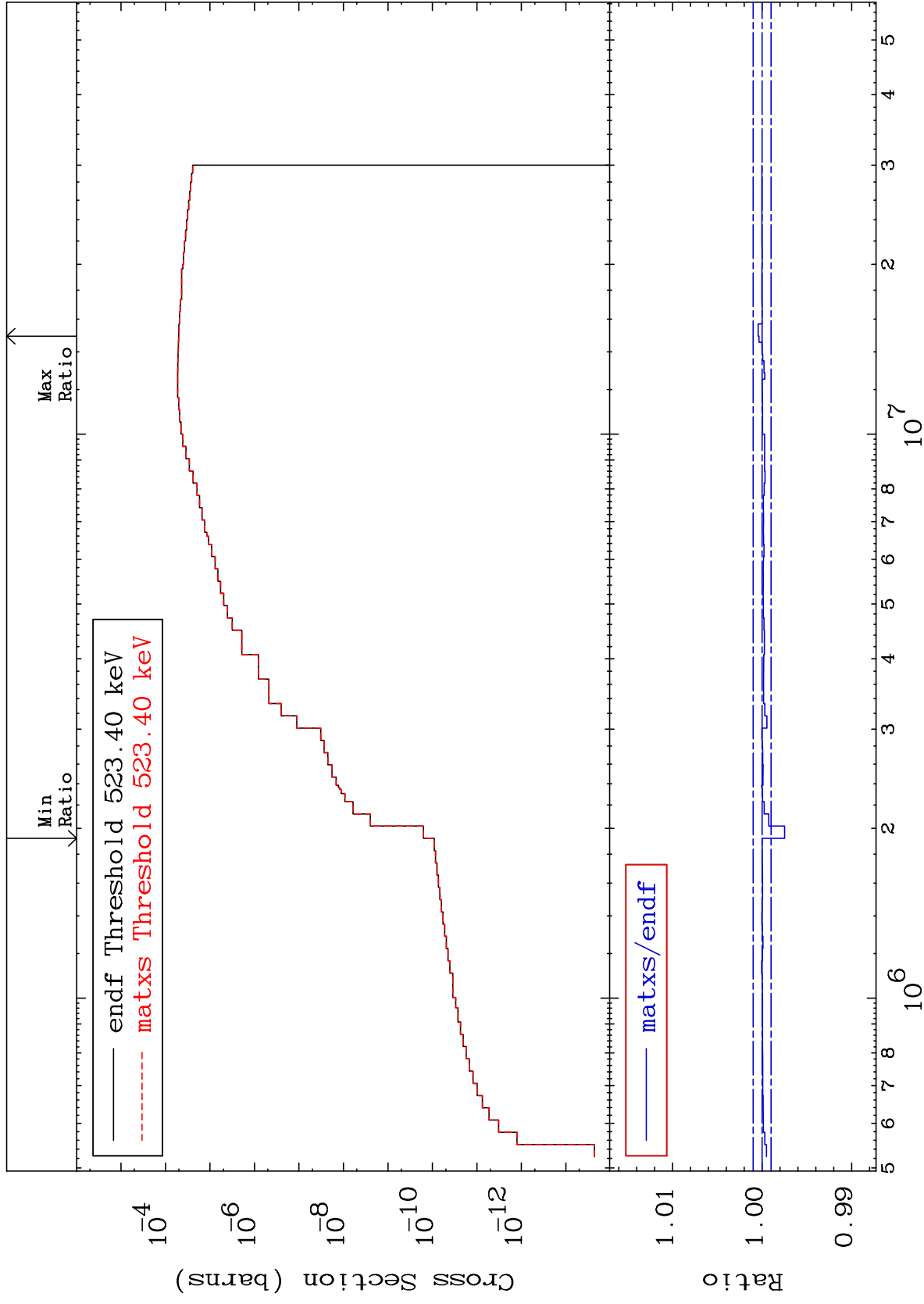
53-I -127
-0.198 To 0.052 %



MAT 5325

628.0 keV (n,p') Level
Cross Section

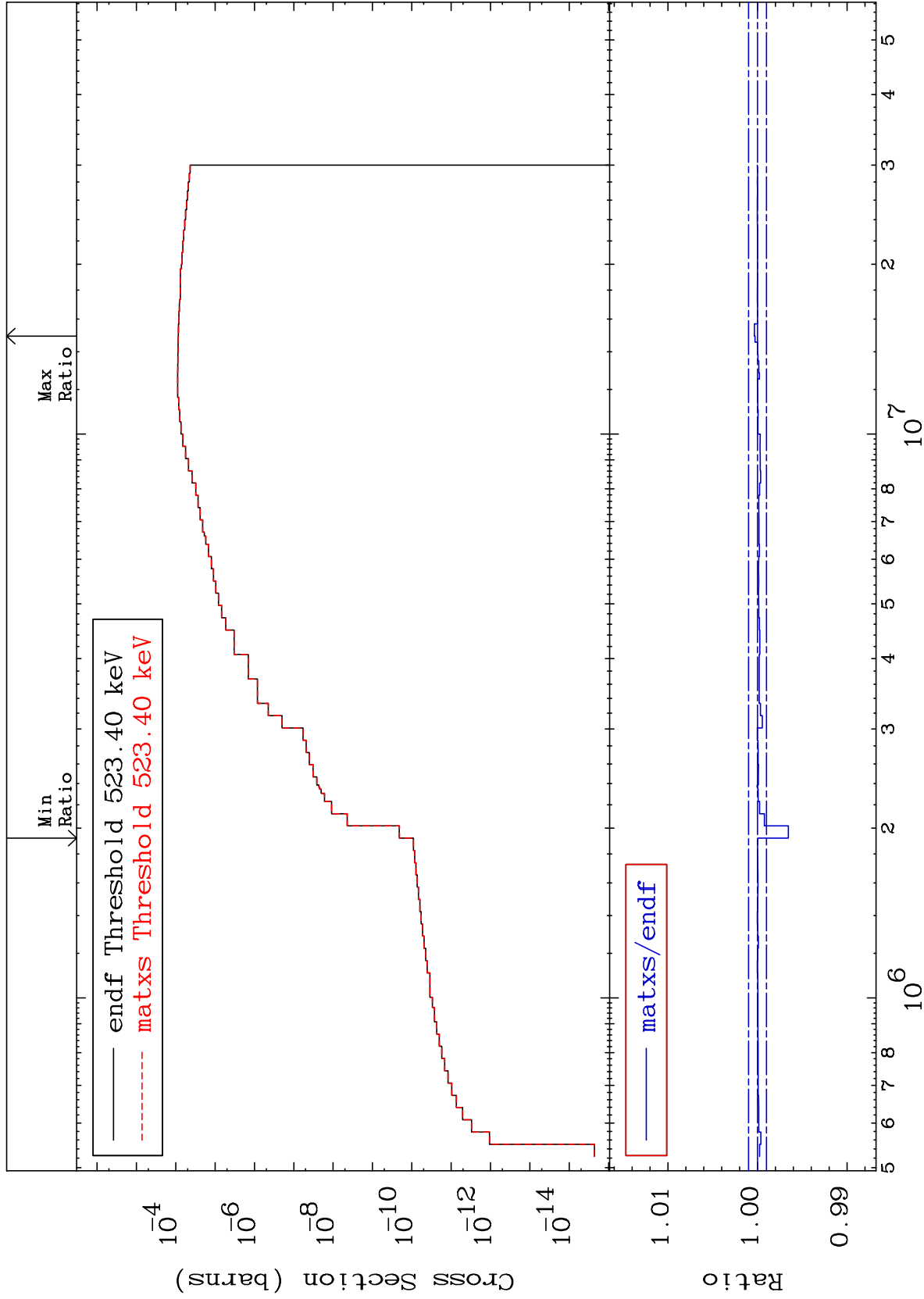
53-I -127
-0.251 To 0.044 %



MAT 5325

630.9 keV (n,p') Level
Cross Section

53-I -127
-0.344 To 0.035 %



33

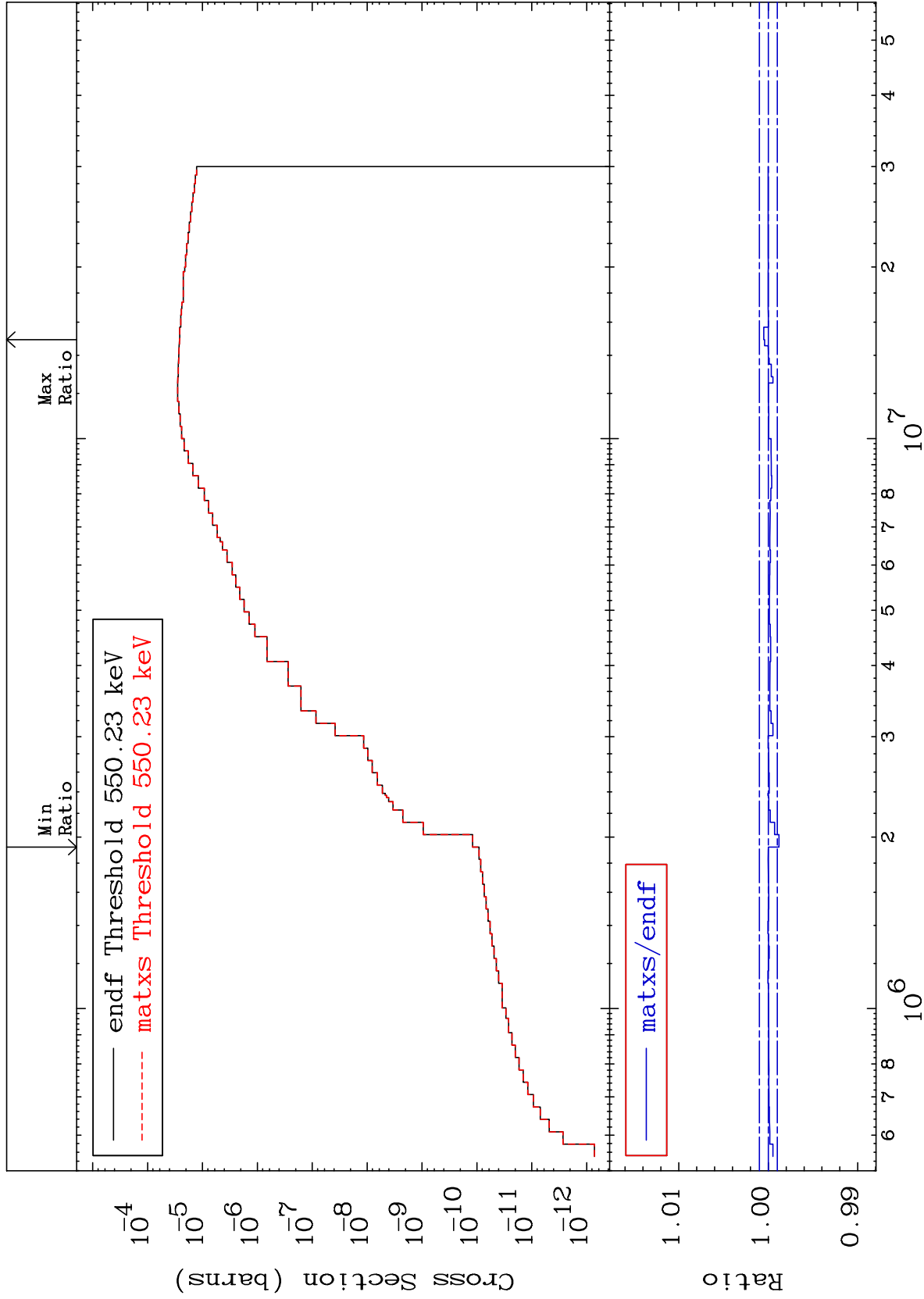
Incident Energy (eV)

53-I -127

MAT 5325

636.0 keV (n,p') Level
Cross Section

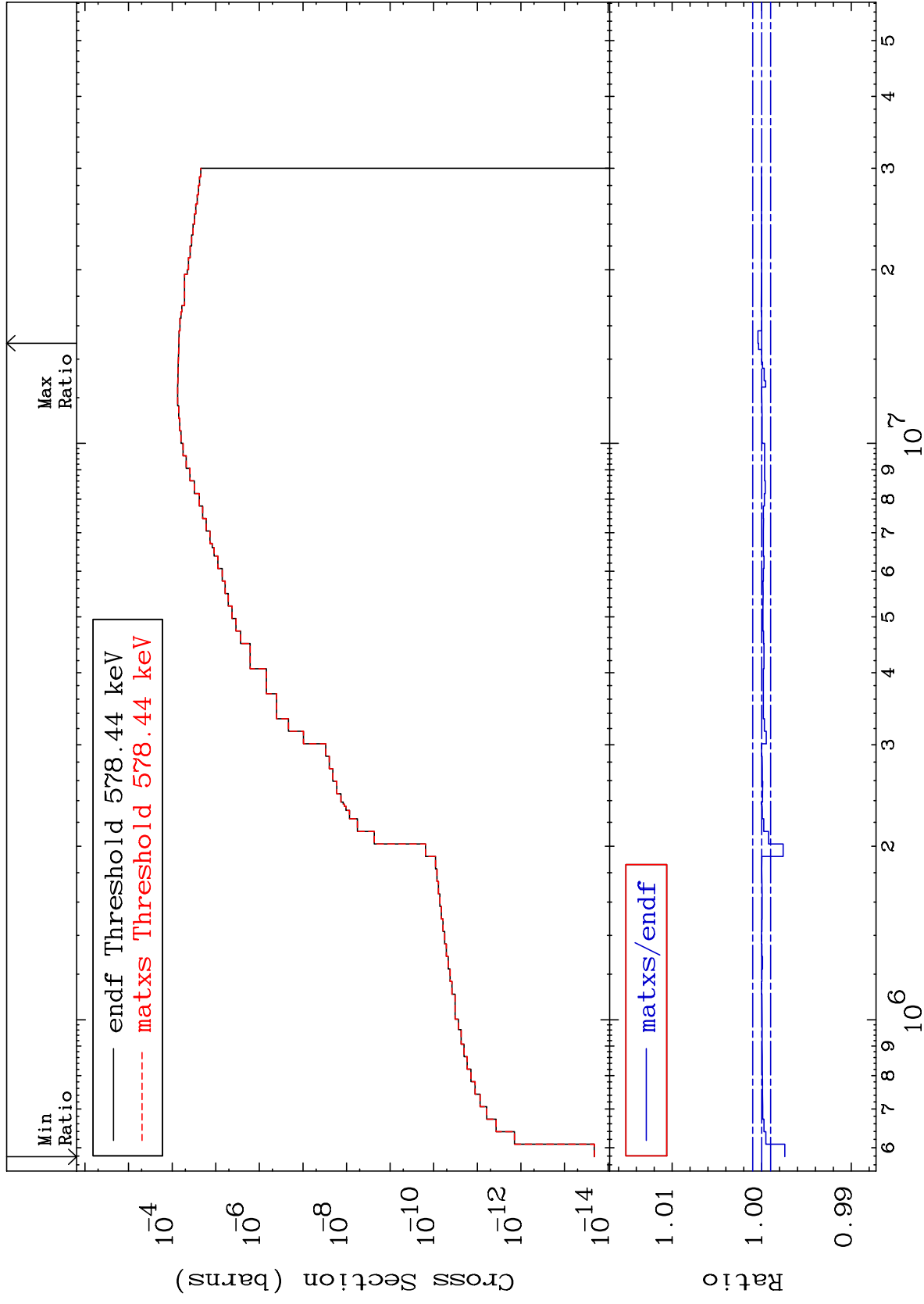
53-I -127
-0.120 To 0.051 %



MAT 5325

685.5 keV (n,p') Level
Cross Section

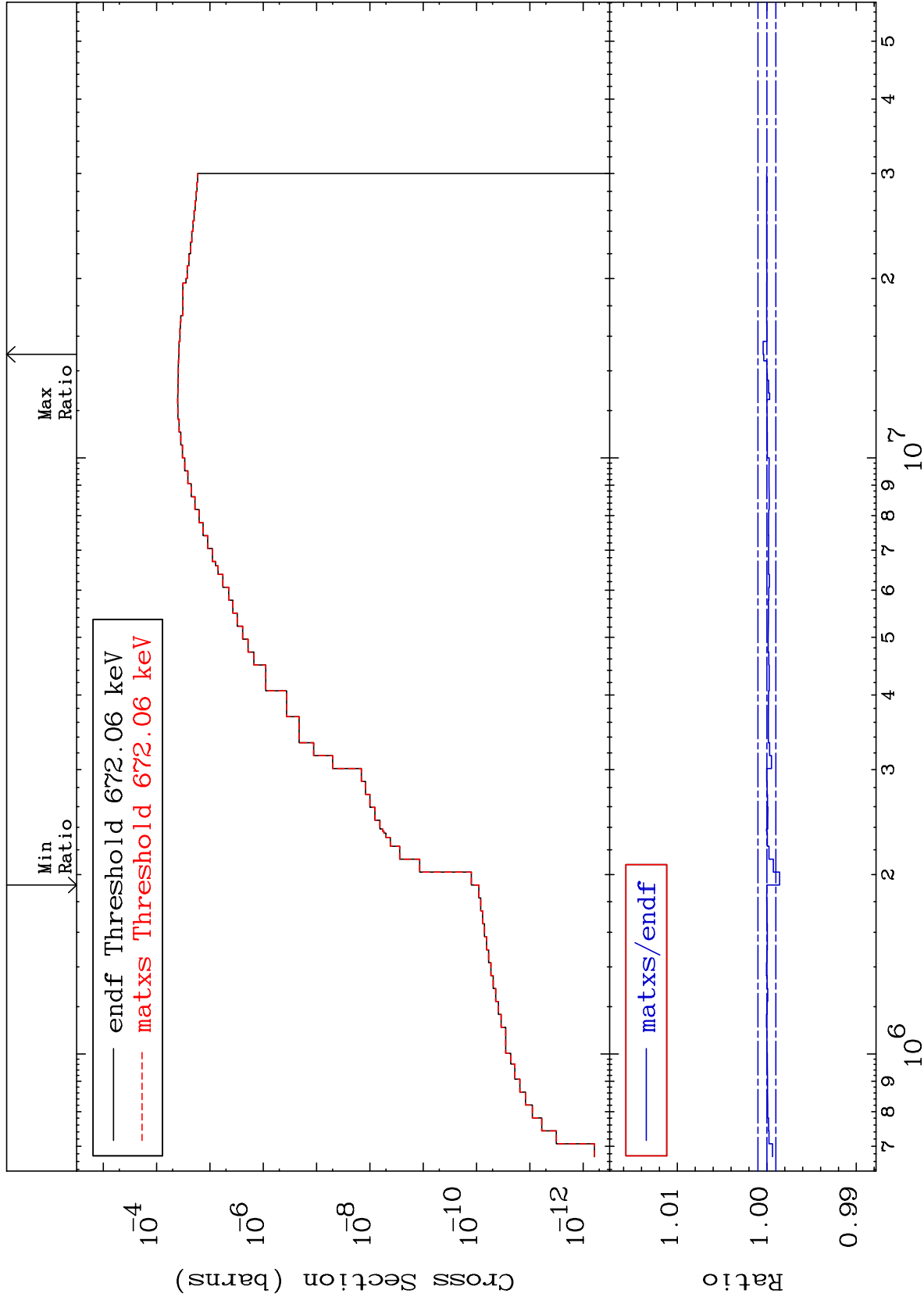
53-I -127
-0.258 To 0.043 %



MAT 5325

763.7 keV (n,p') Level
Cross Section

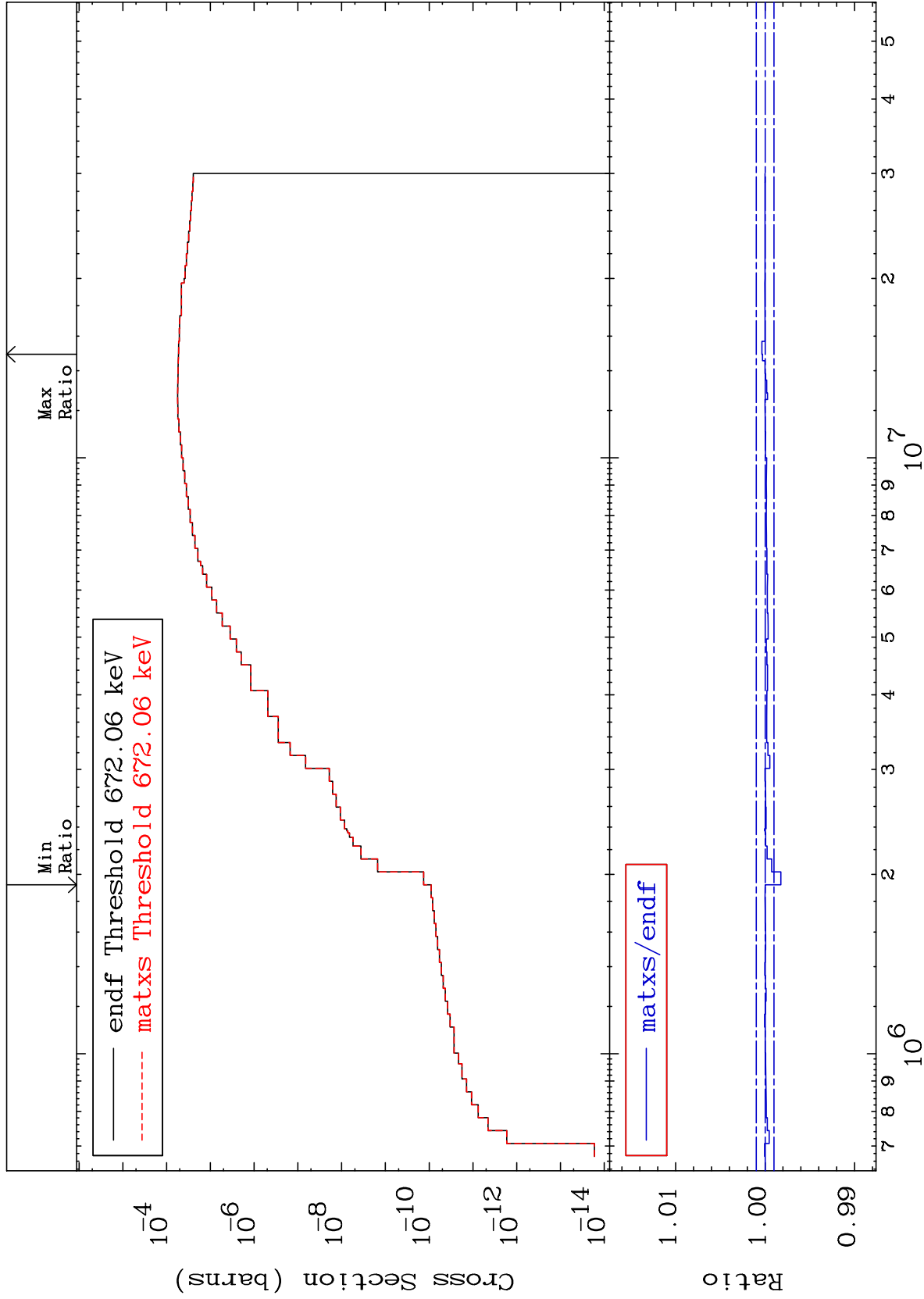
53-I -127
-0.143 To 0.041 %



MAT 5325

783.4 keV (n,p') Level
Cross Section

53-I -127
-0.177 To 0.037 %



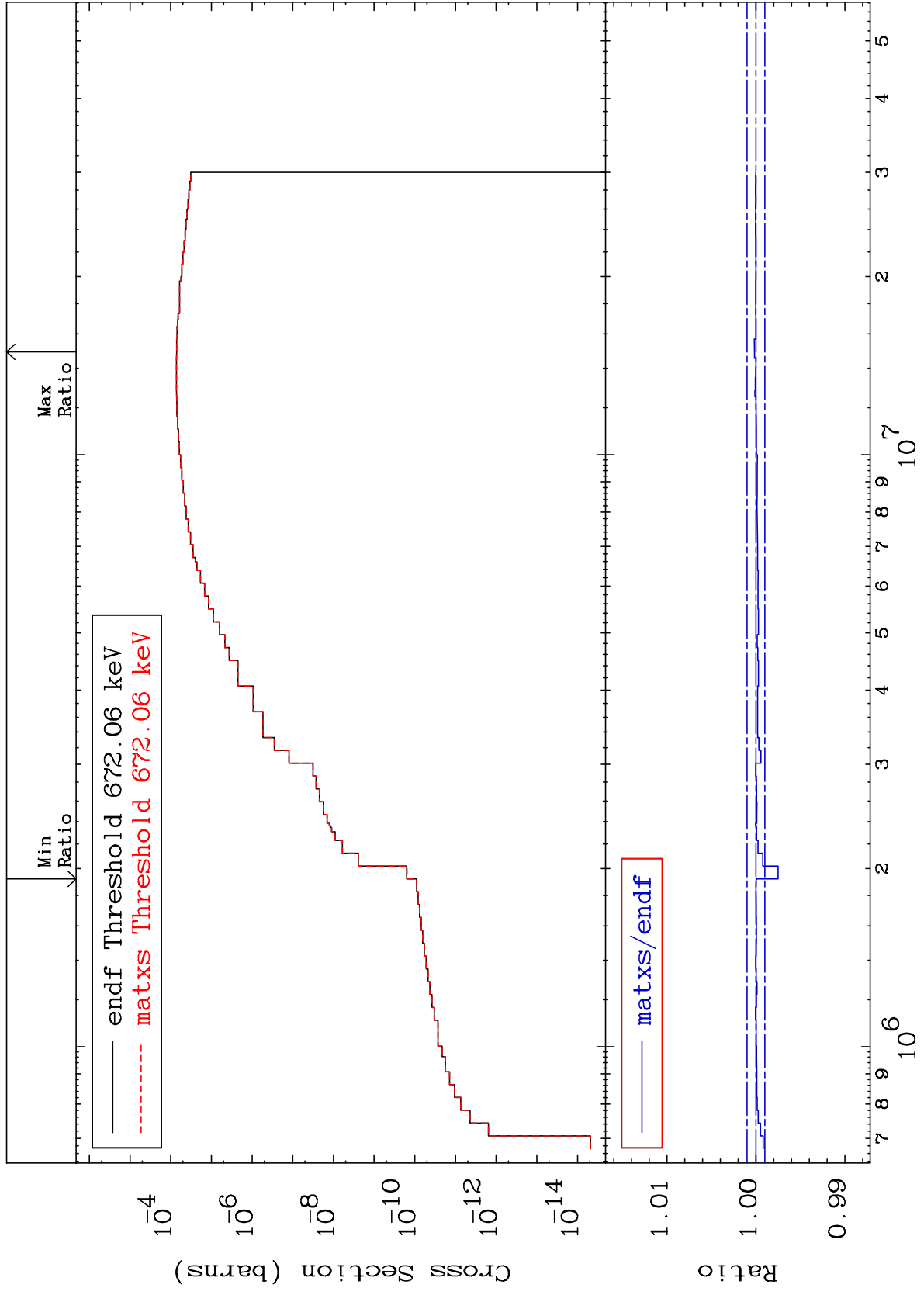
37

53-I -127

MAT 5325

785.2 keV (n,p') Level
Cross Section

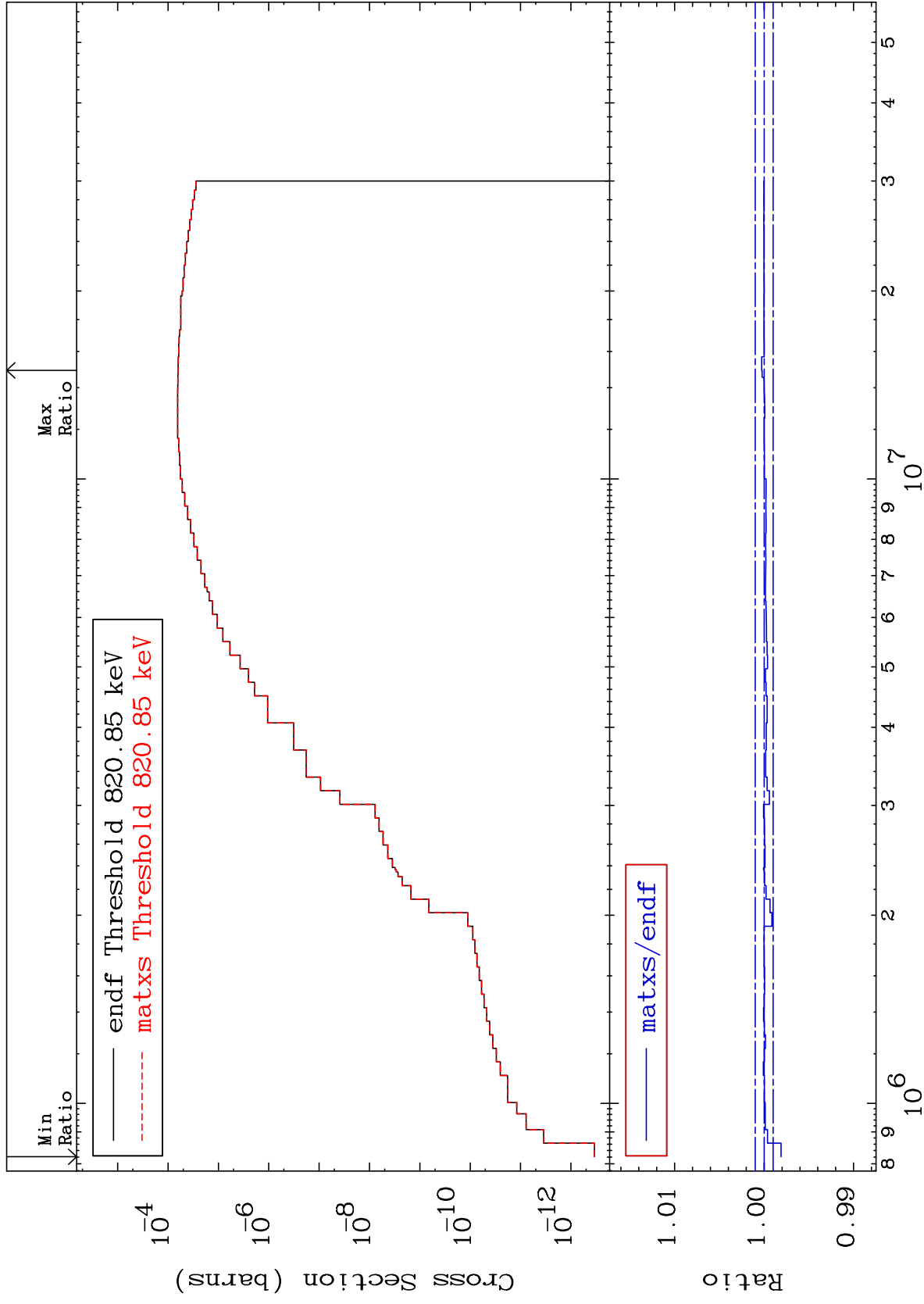
53-I -127
-0.249 To 0.020 %



MAT 5325

924.2 keV (n,p') Level
Cross Section

53-I -127
-0.189 To 0.026 %



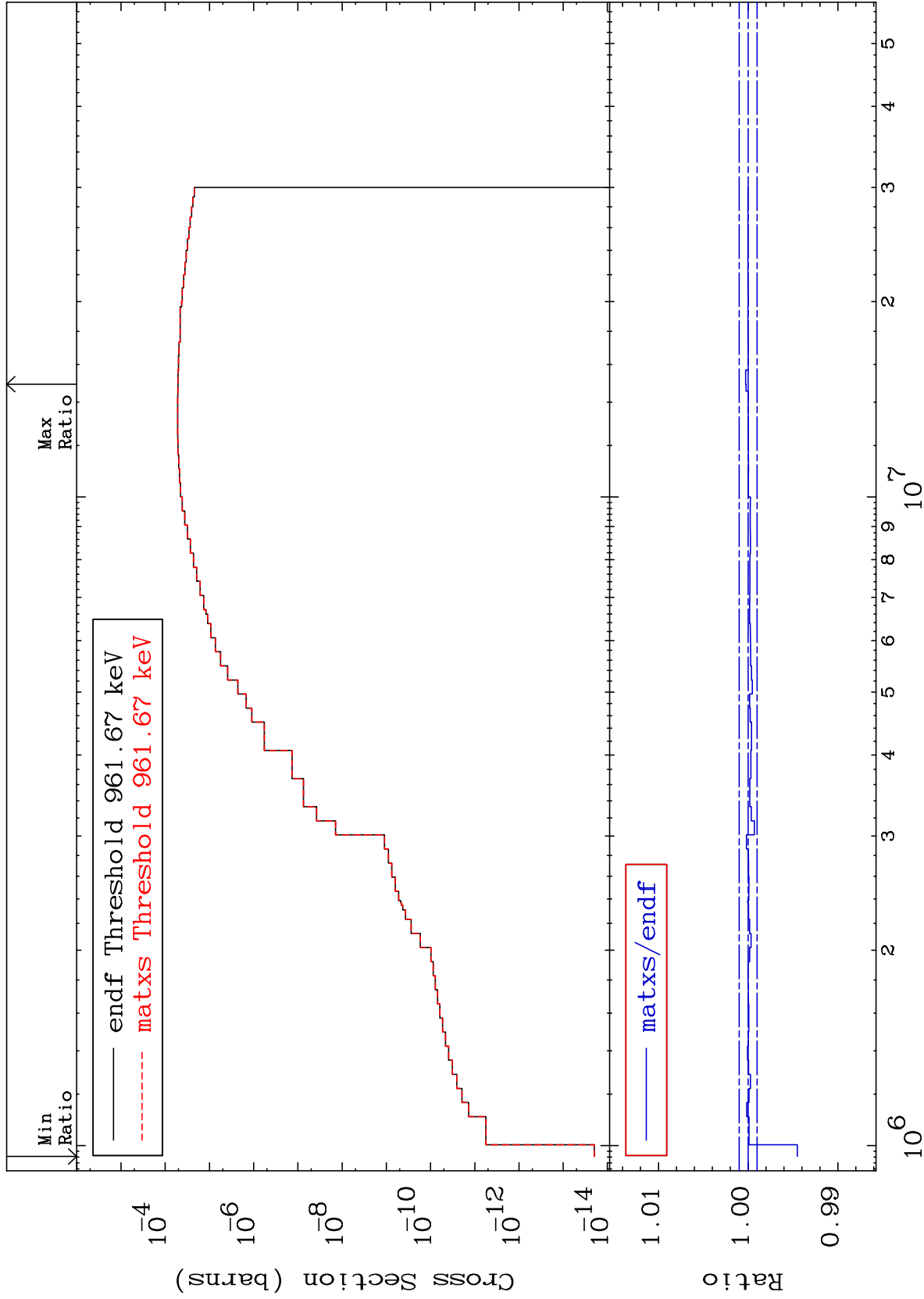
39

53-I -127

MAT 5325

1.077 MeV (n,p') Level
Cross Section

53-I -127
-0.547 To 0.029 %



Incident Energy (eV)

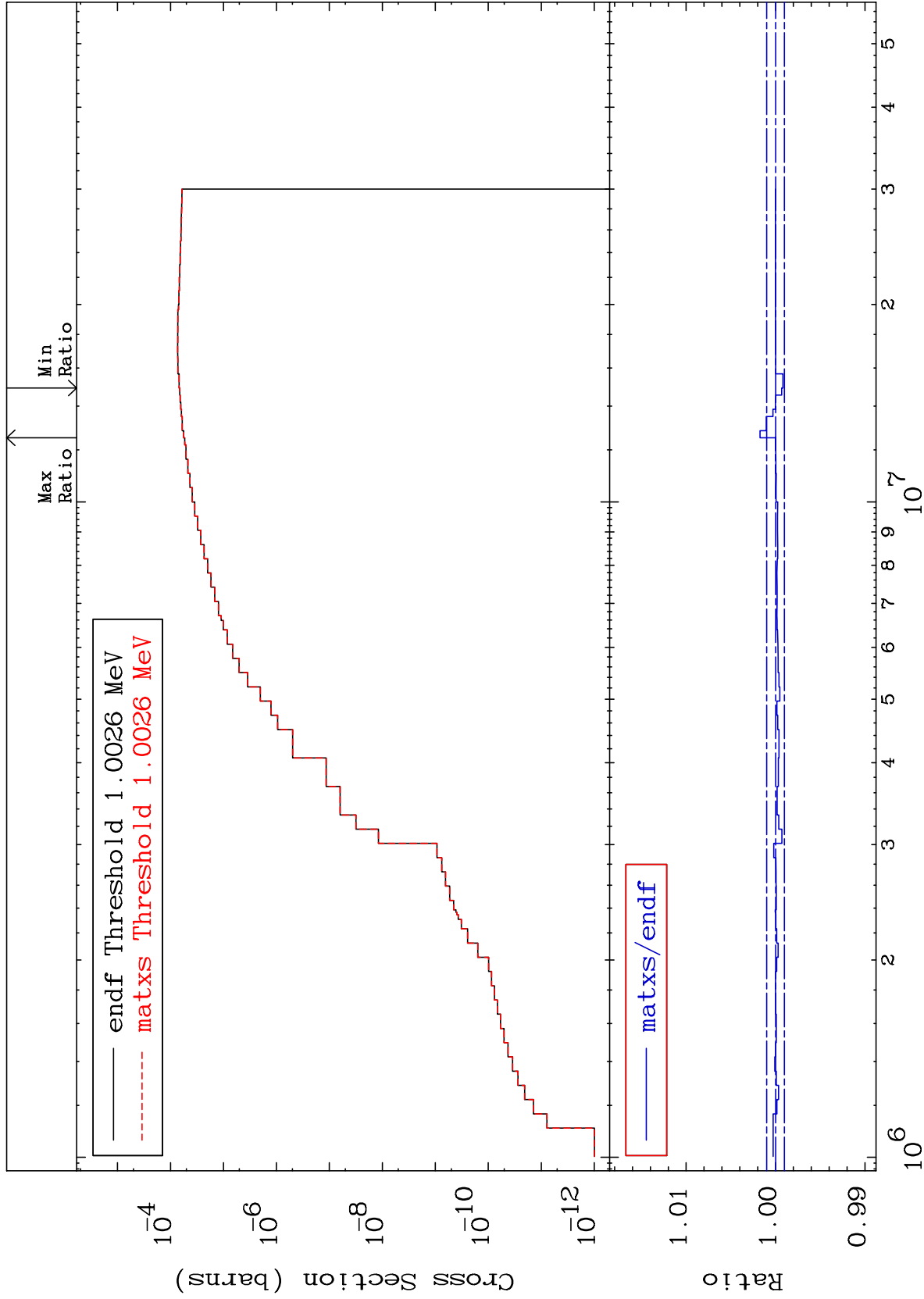
40

53-I -127

MAT 5325

1.141 MeV (n,p') Level
Cross Section

53-I -127
-0.081 To 0.174 %



41

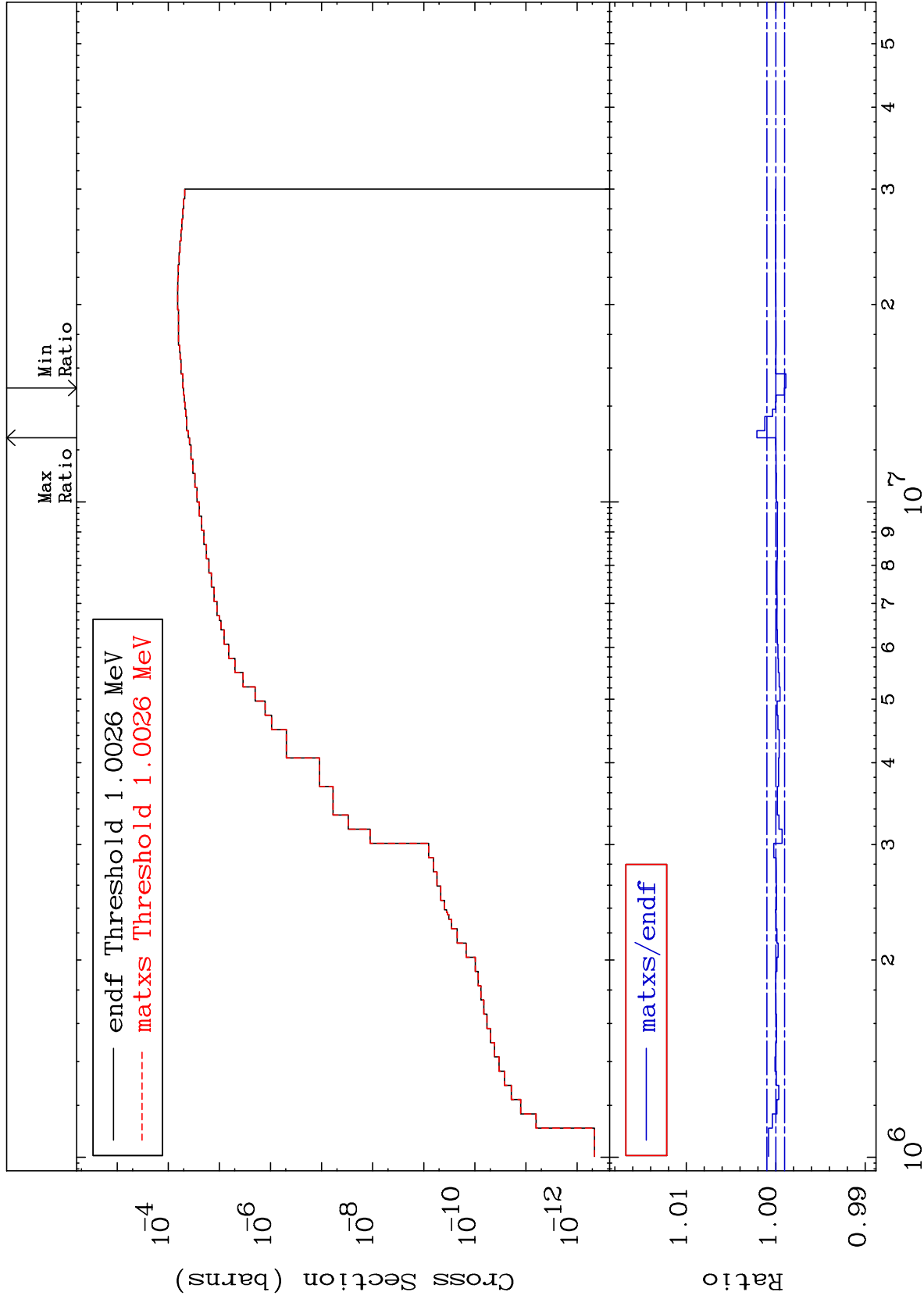
Incident Energy (eV)

53-I -127

MAT 5325

1.155 MeV (n,p') Level
Cross Section

53-I -127
-0.113 To 0.210 %



42

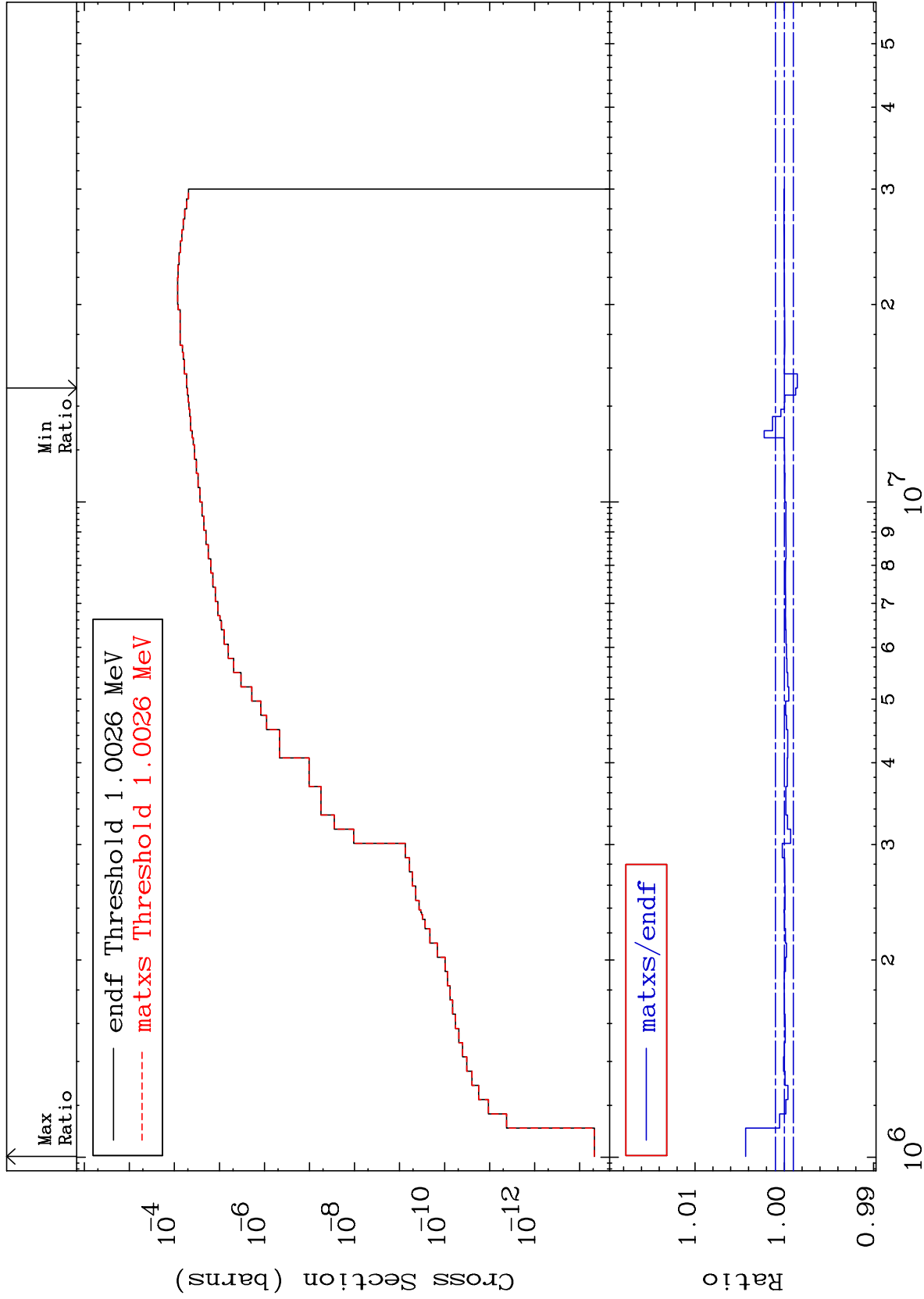
Incident Energy (eV)

53-I -127

MAT 5325

1.176 MeV (n,p') Level
Cross Section

53-I -127
-0.144 To 0.434 %



43

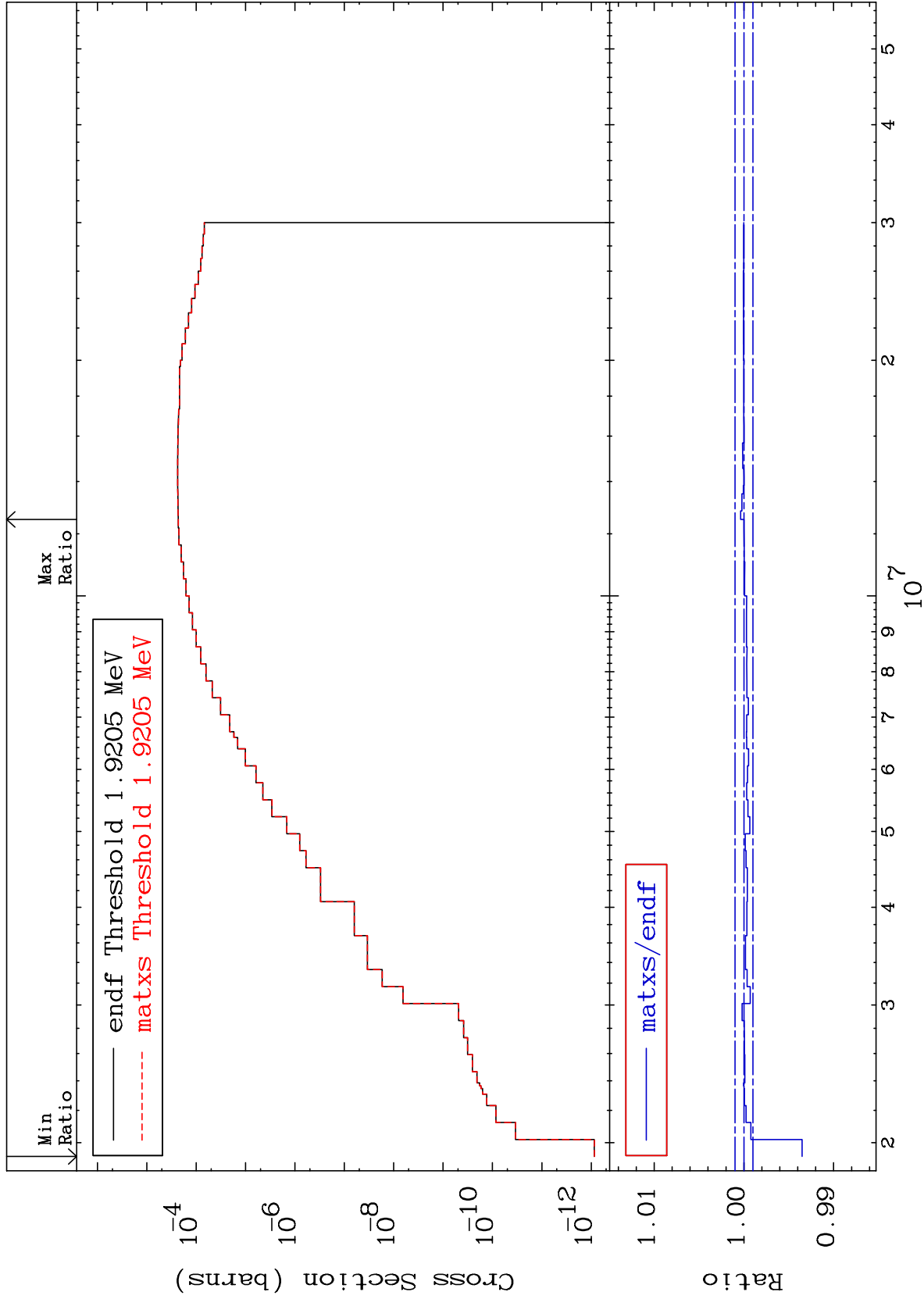
Incident Energy (eV)

53-I -127

MAT 5325

1.290 MeV (n,p') Level
Cross Section

53-I -127
-0.649 To 0.036 %



44

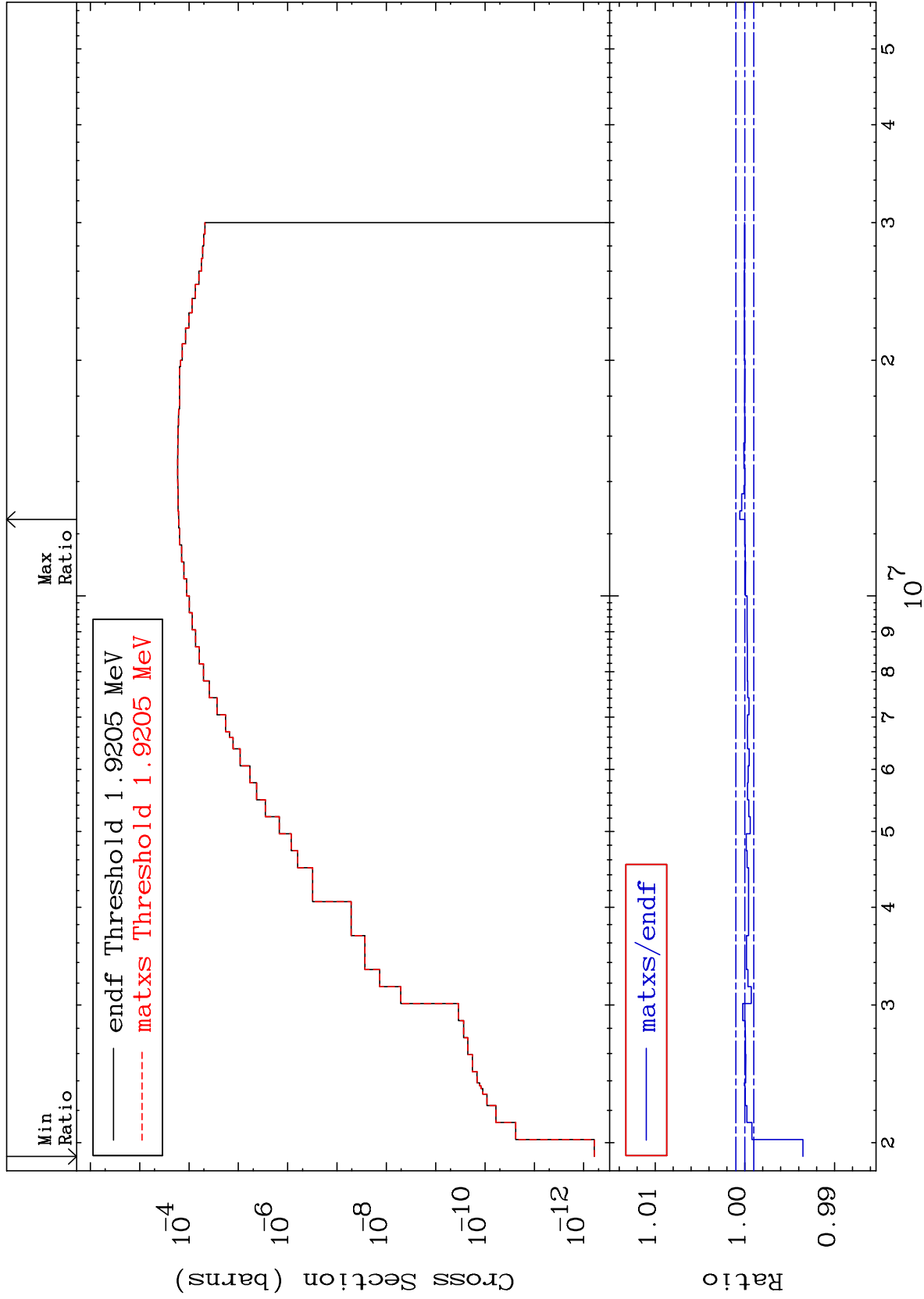
Incident Energy (eV)

53-I -127

MAT 5325

1.323 MeV (n,p') Level
Cross Section

53-I -127
-0.648 To 0.057 %

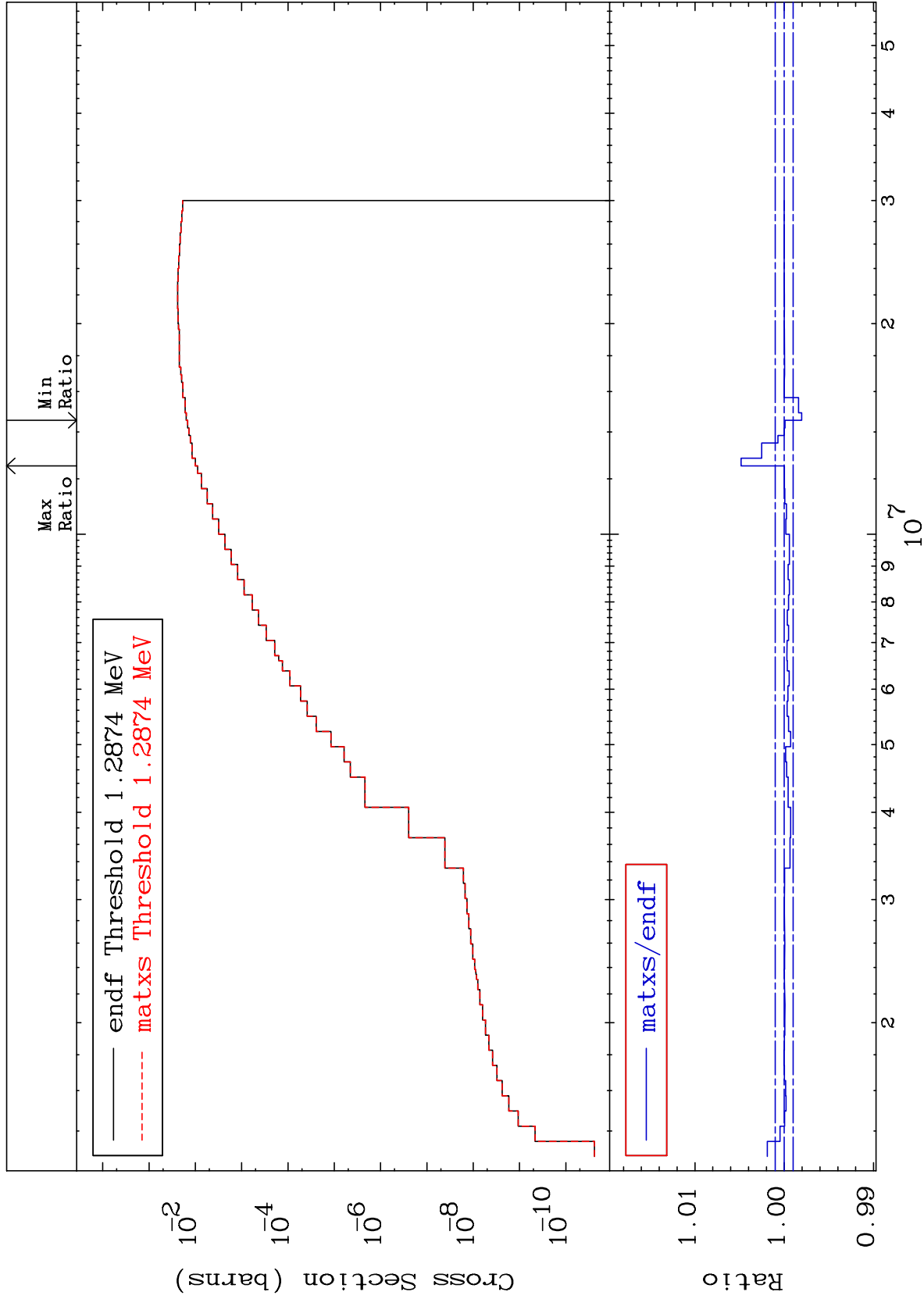


45

MAT 5325

1.410 MeV (n,p') Level
Cross Section

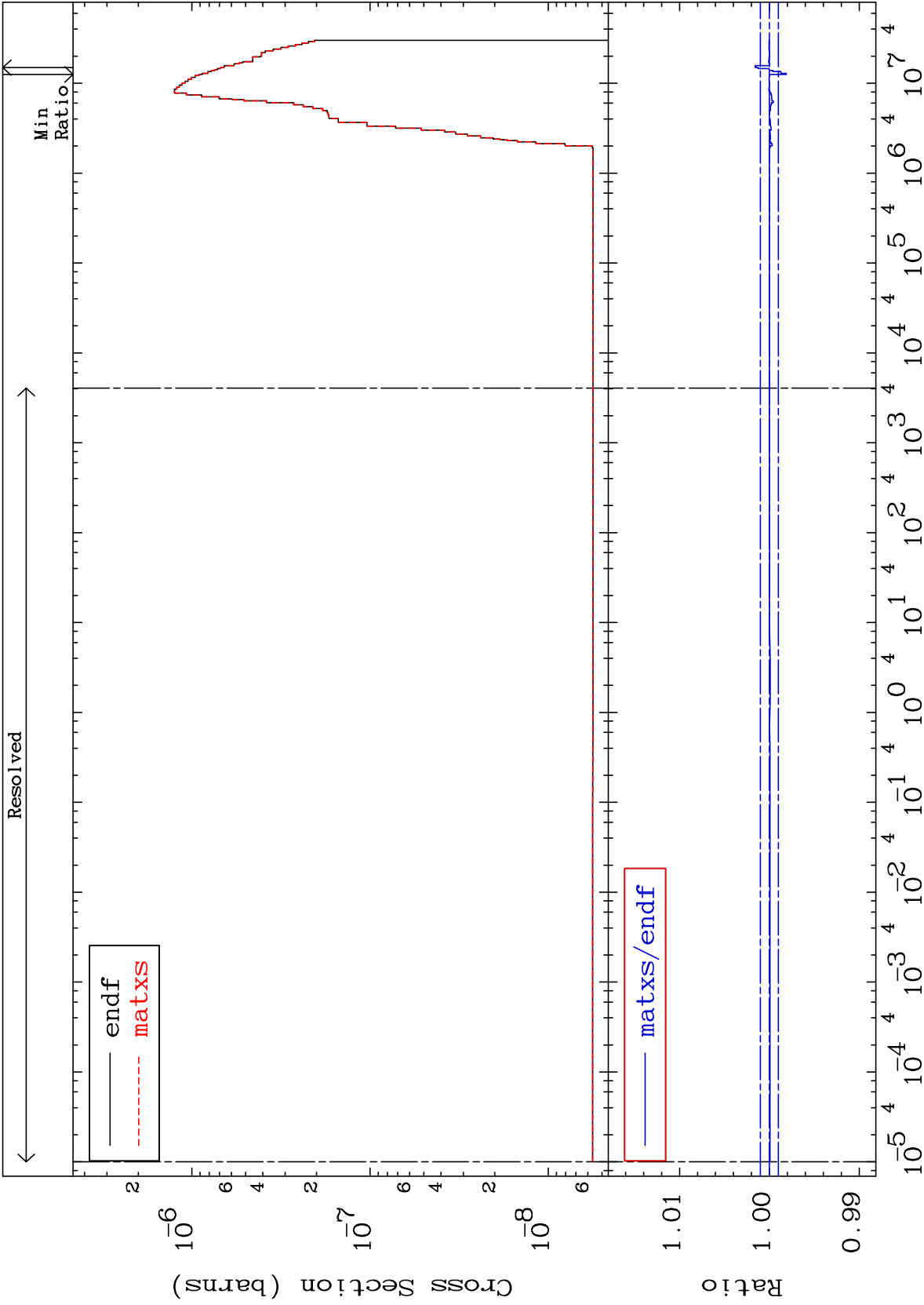
53-I -127
-0.195 To 0.483 %



MAT 5325

(n, α') Ground
Cross Section

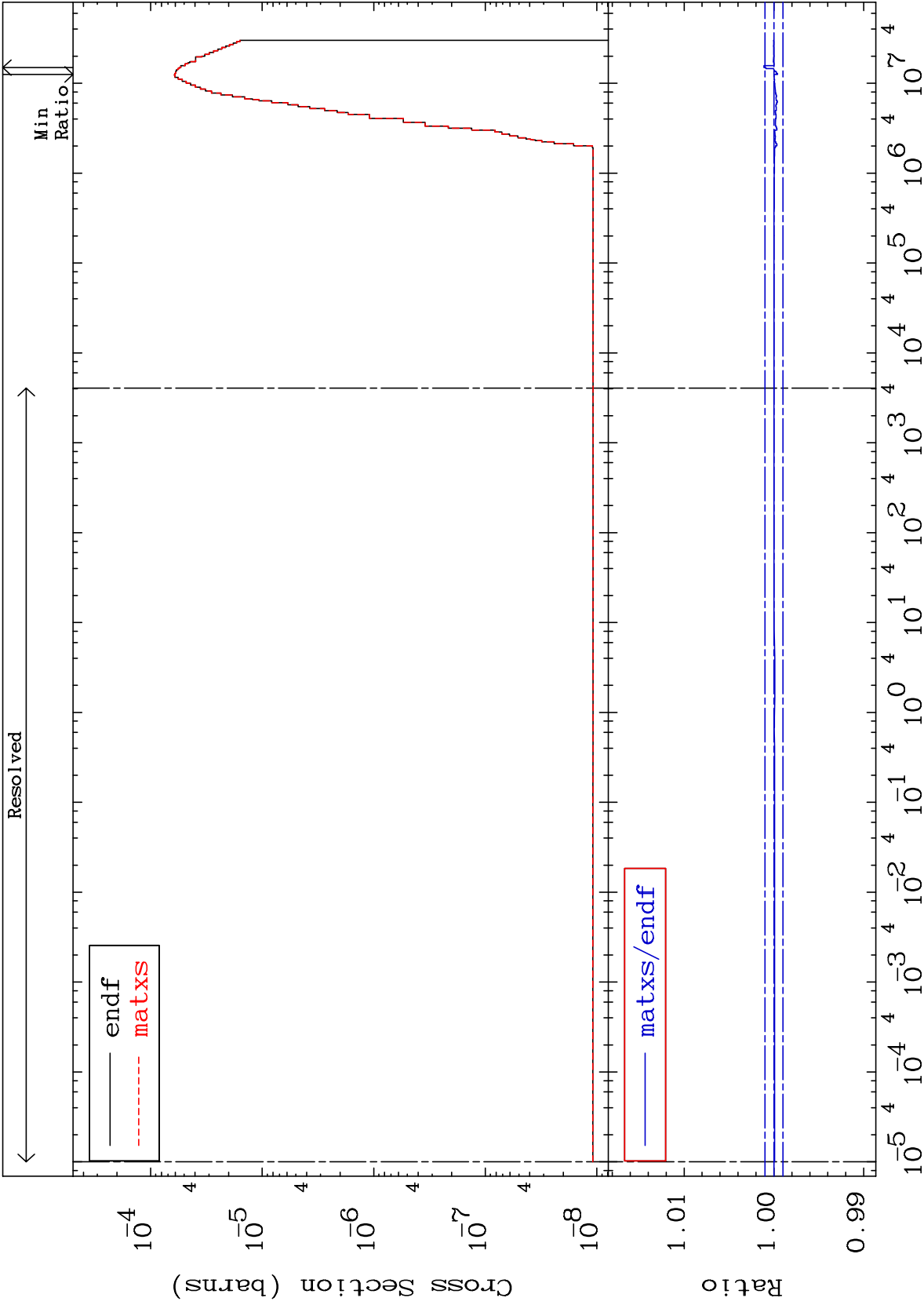
53-I -127
-0.189 To 0.159 %



MAT 5325

287.1 keV (n,α') Level
Cross Section

53-I -127
-0.041 To 0.112 %



MAT 5325

601.0 keV (n,α') Level
Cross Section

53-I -127
-0.262 To 0.633 %

