

Program Complot
(Version 2015-2)

by

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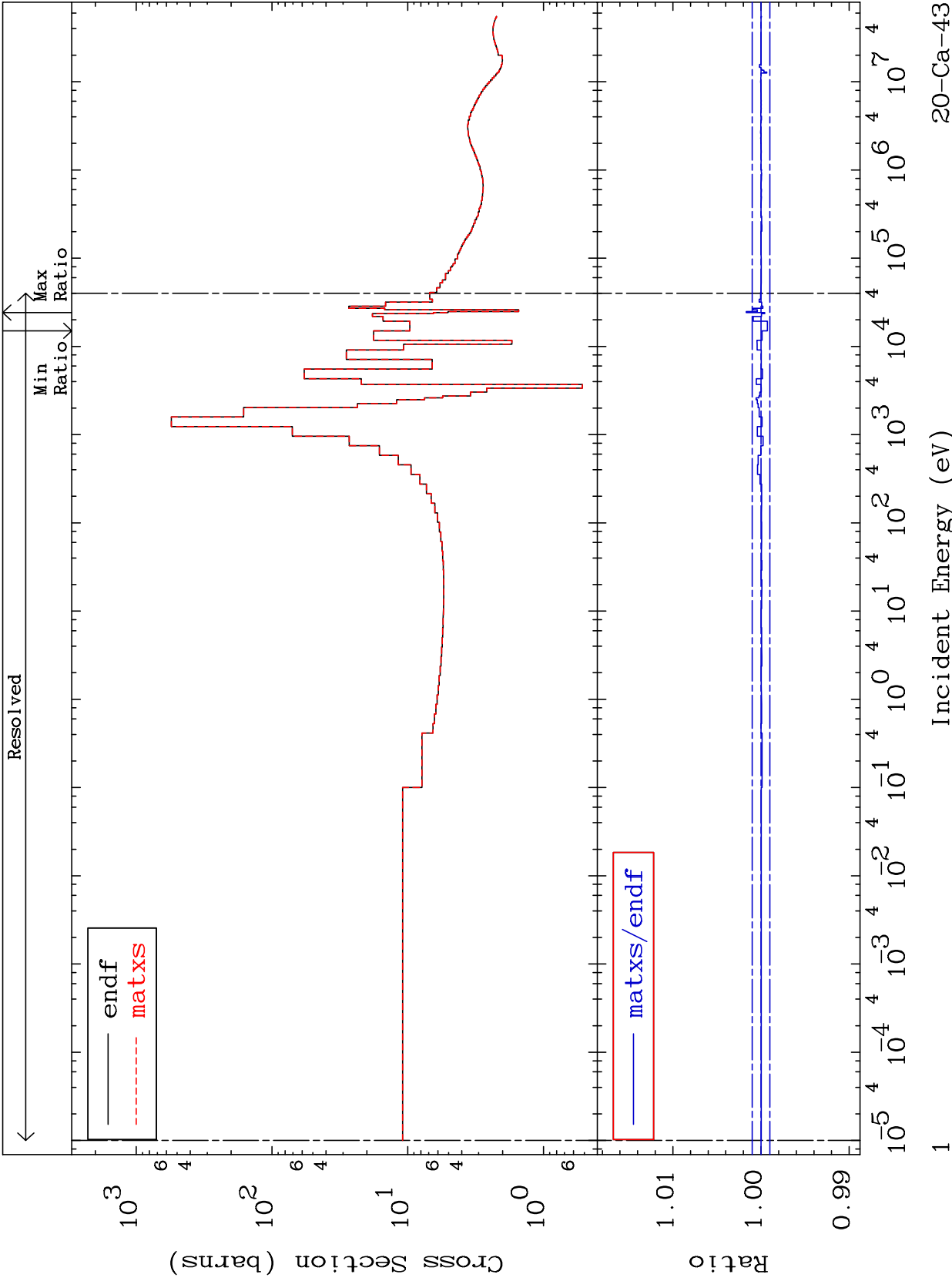
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2034

Total
Cross Section

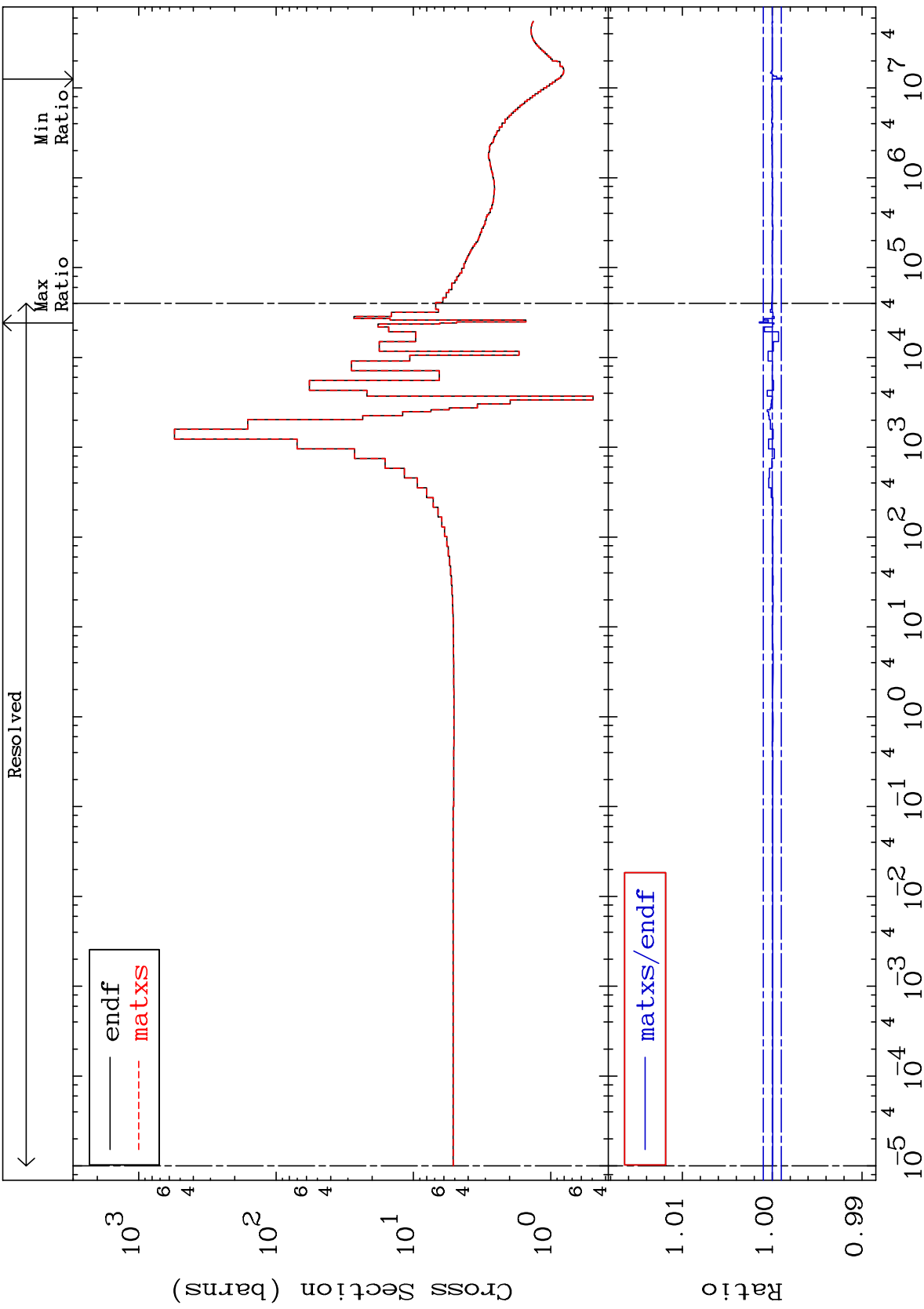
20-Ca-43
-0.071 To 0.167 %



MAT 2034

Elastic Cross Section

20-Ca-43
-0.111 To 0.144 %



2

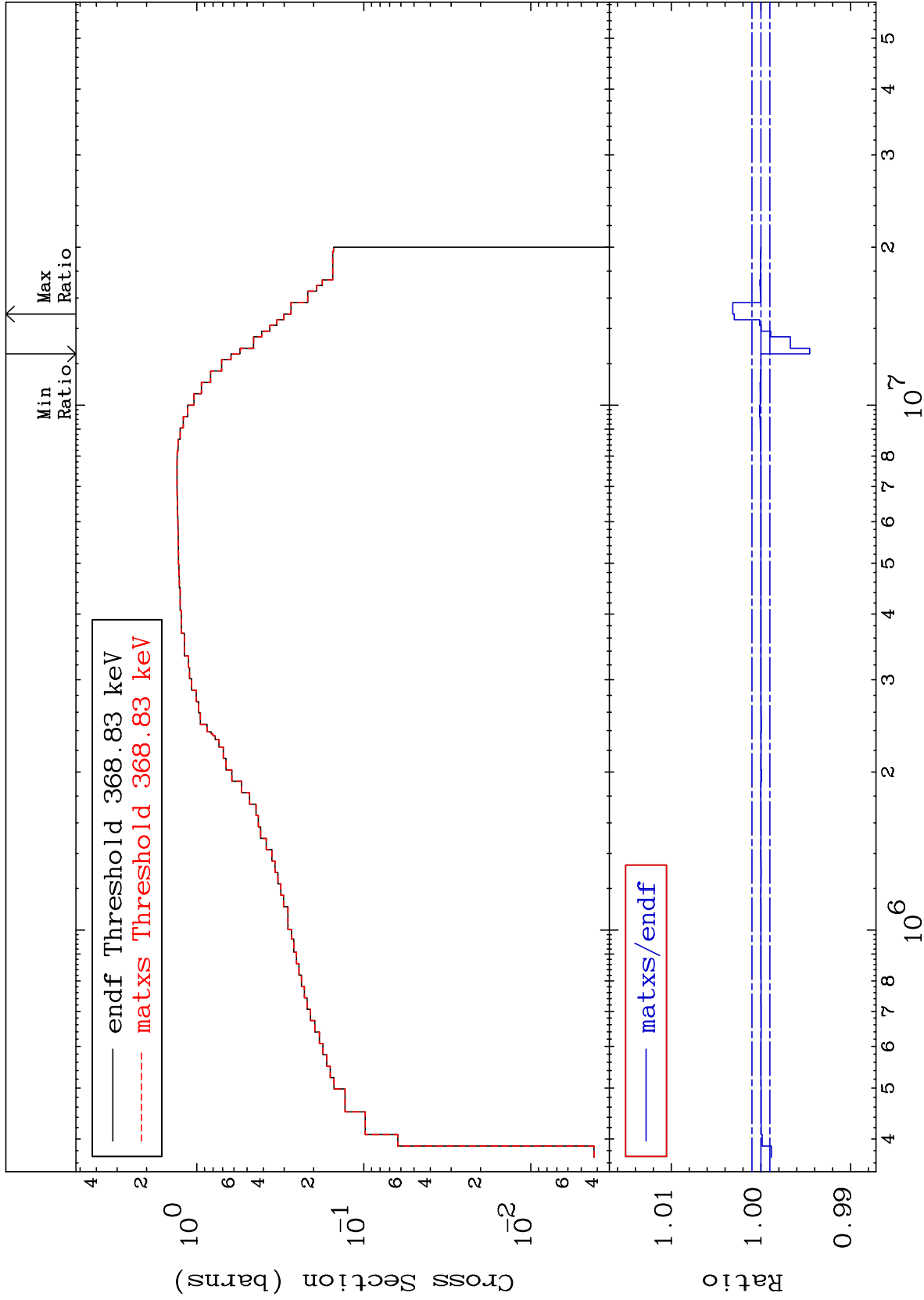
Incident Energy (eV)

20-Ca-43

MAT 2034

Inelastic
Cross Section

20-Ca-43
-0.545 To 0.313 %



3

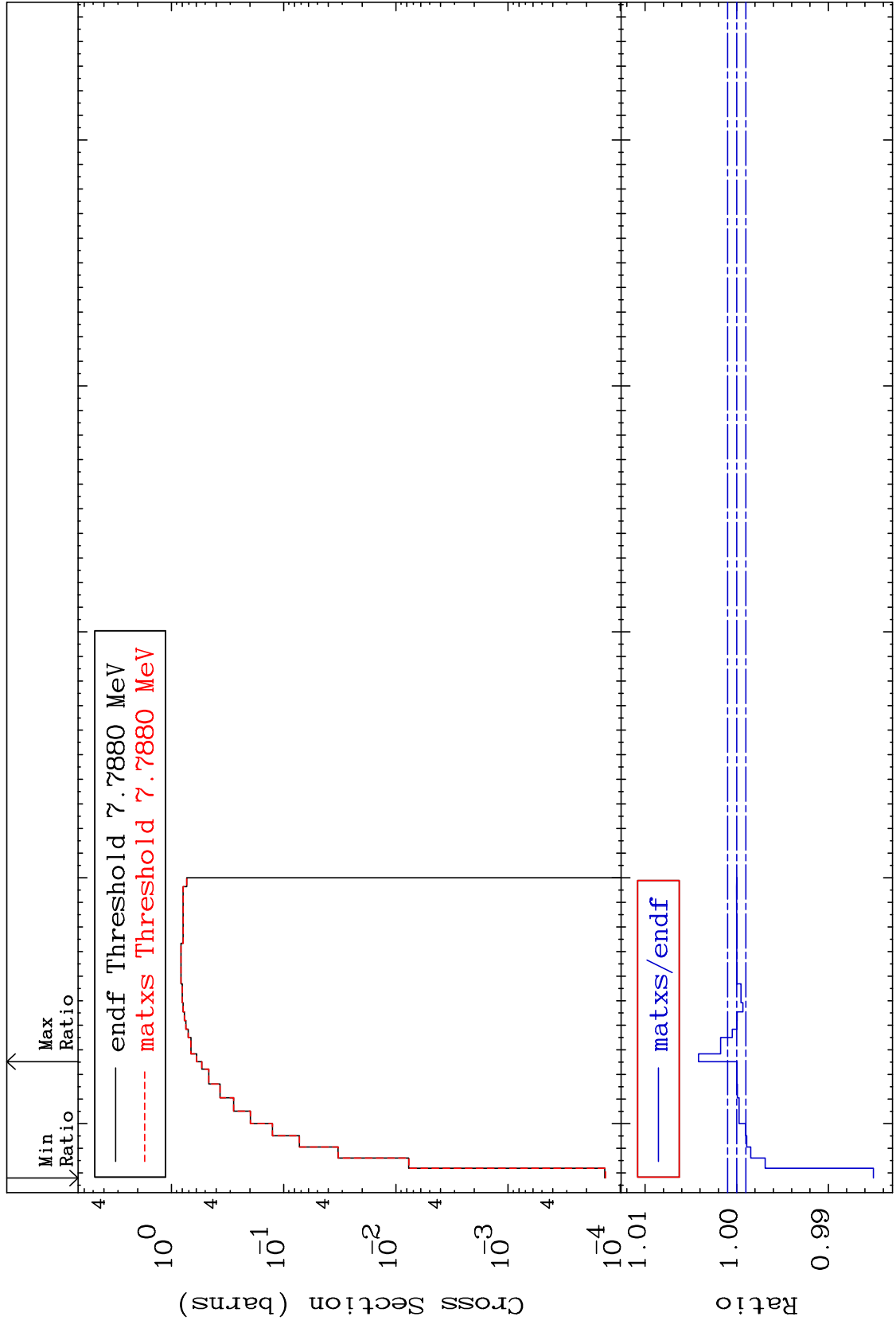
Incident Energy (eV)

20-Ca-43

MAT 2034

(n,2n)
Cross Section

20-Ca-43
-1.491 To 0.418 %



4

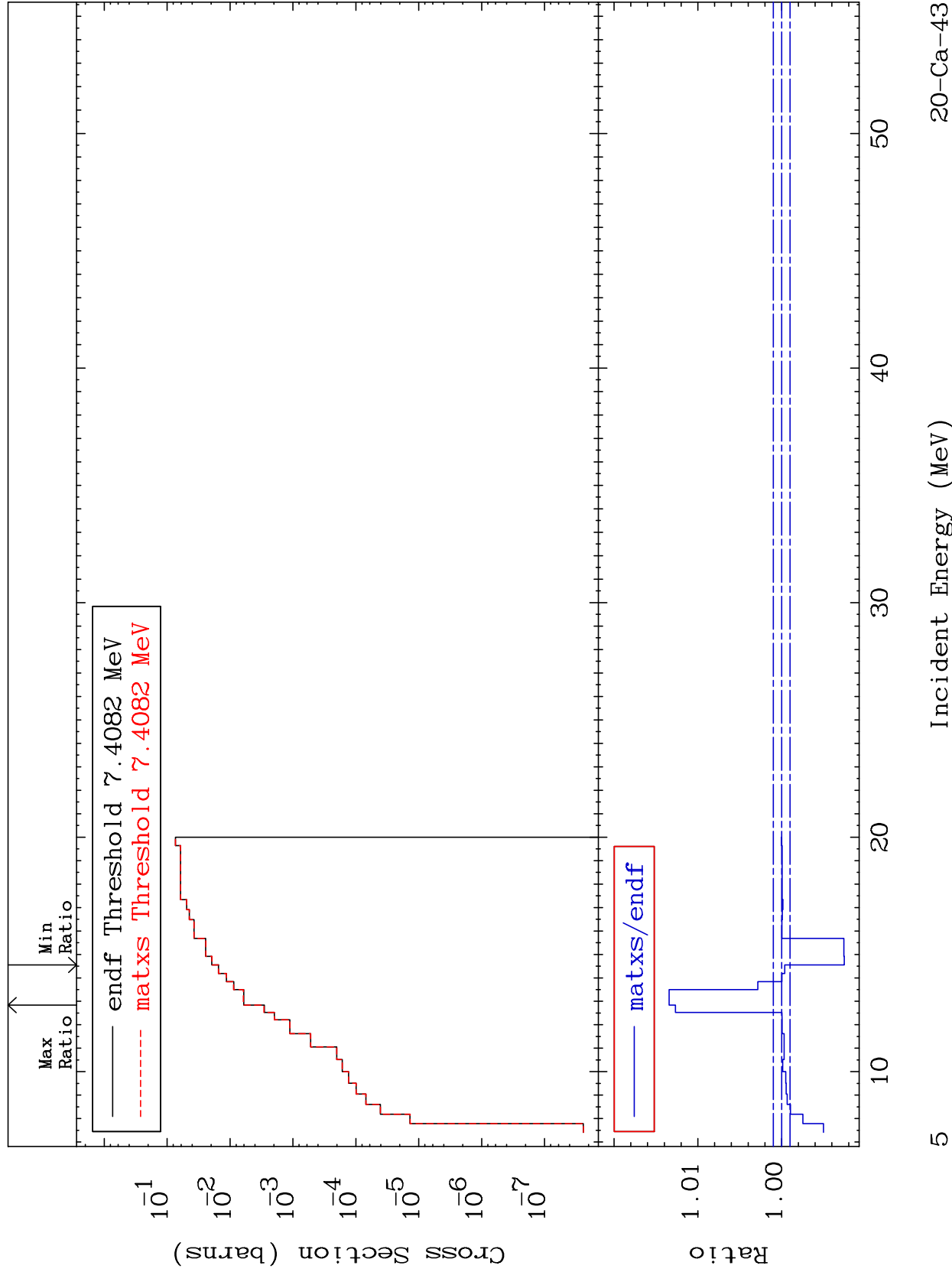
Incident Energy (MeV)

20-Ca-43

MAT 2034

(n, n') α
Cross Section

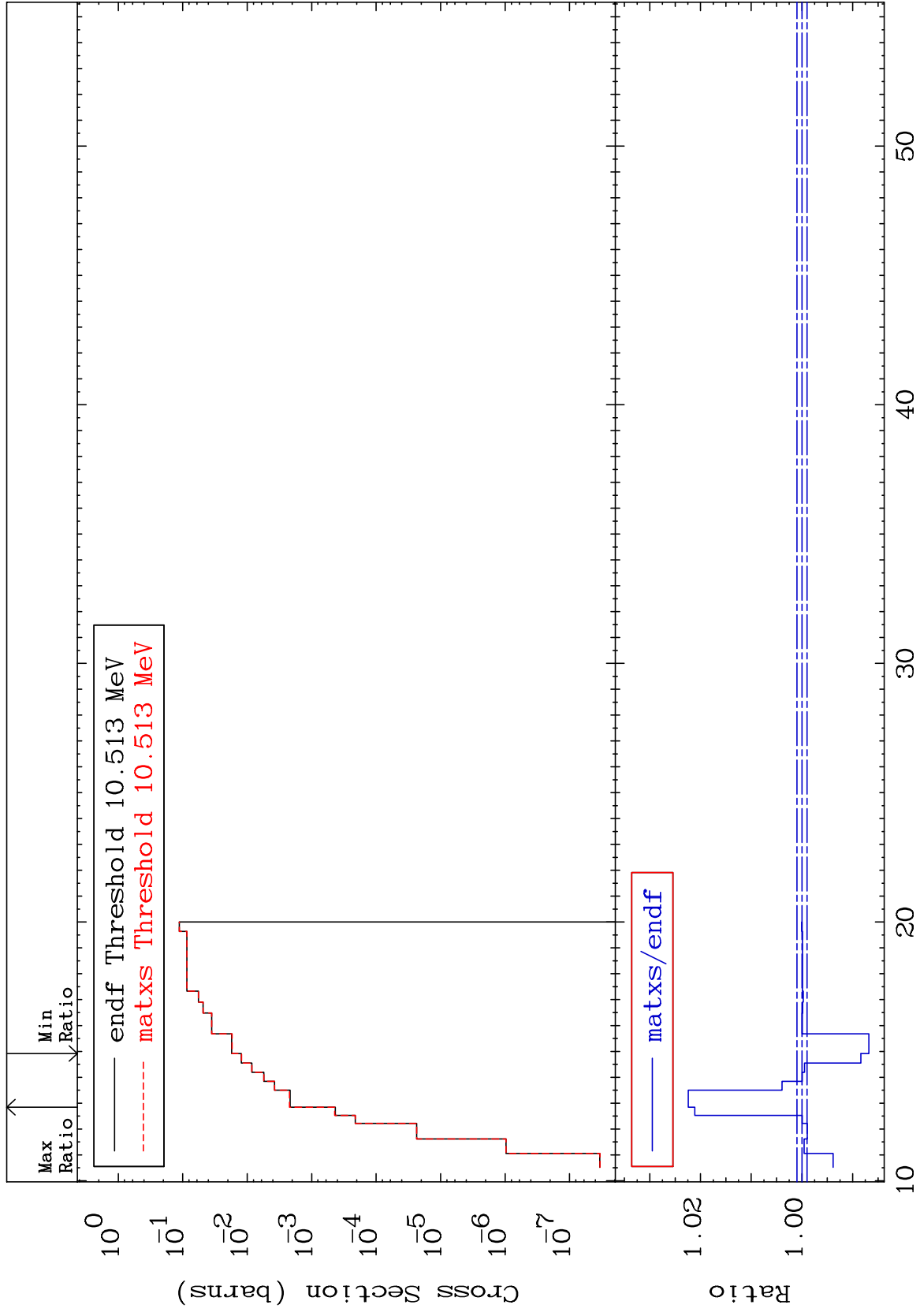
20-Ca-43
-0.747 To 1.342 %



MAT 2034

(n, n') p
Cross Section

20-Ca-43
-1.320 To 2.241 %



6

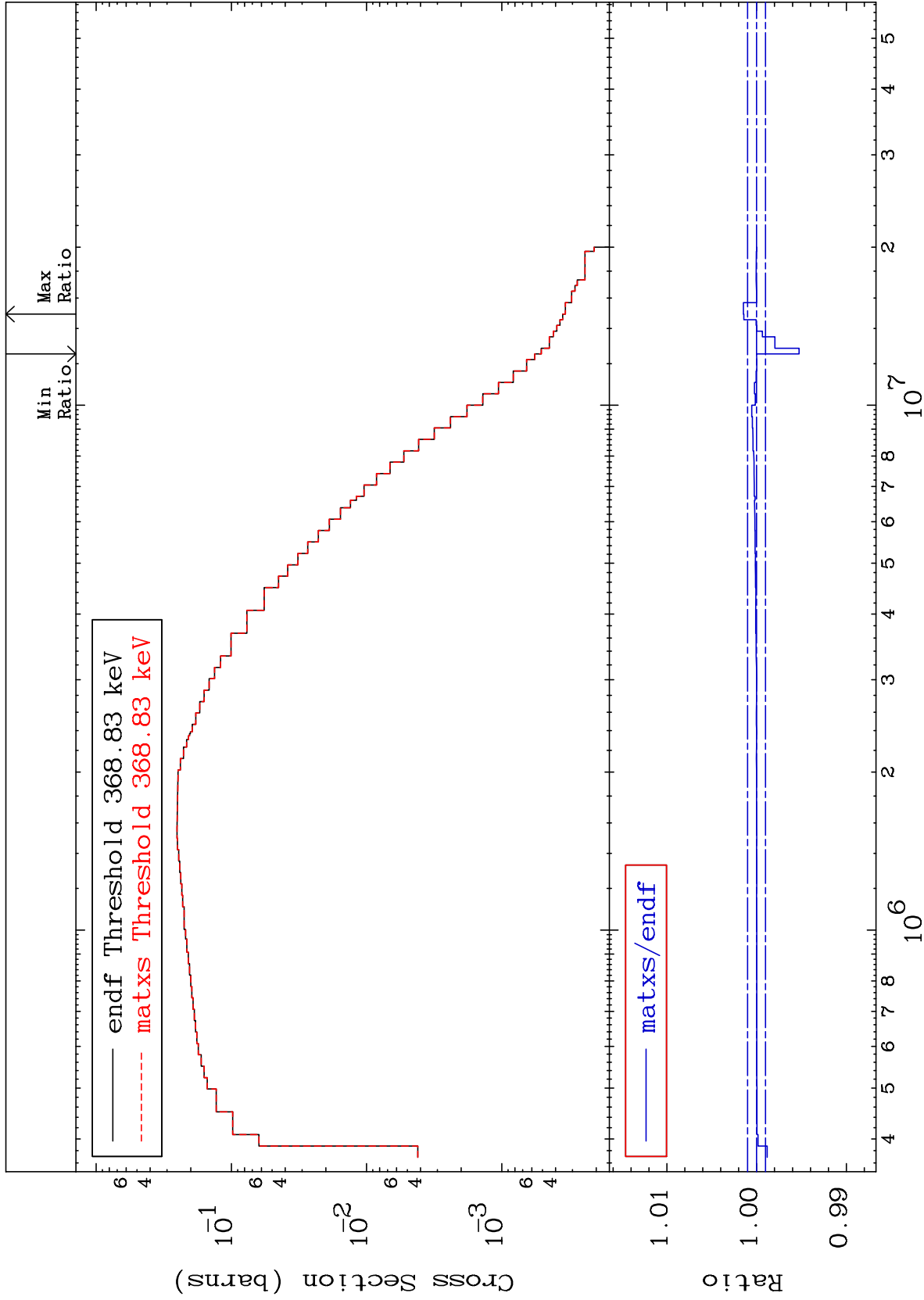
Incident Energy (MeV)

20-Ca-43

MAT 2034

372.8 keV (n,n') Level
Cross Section

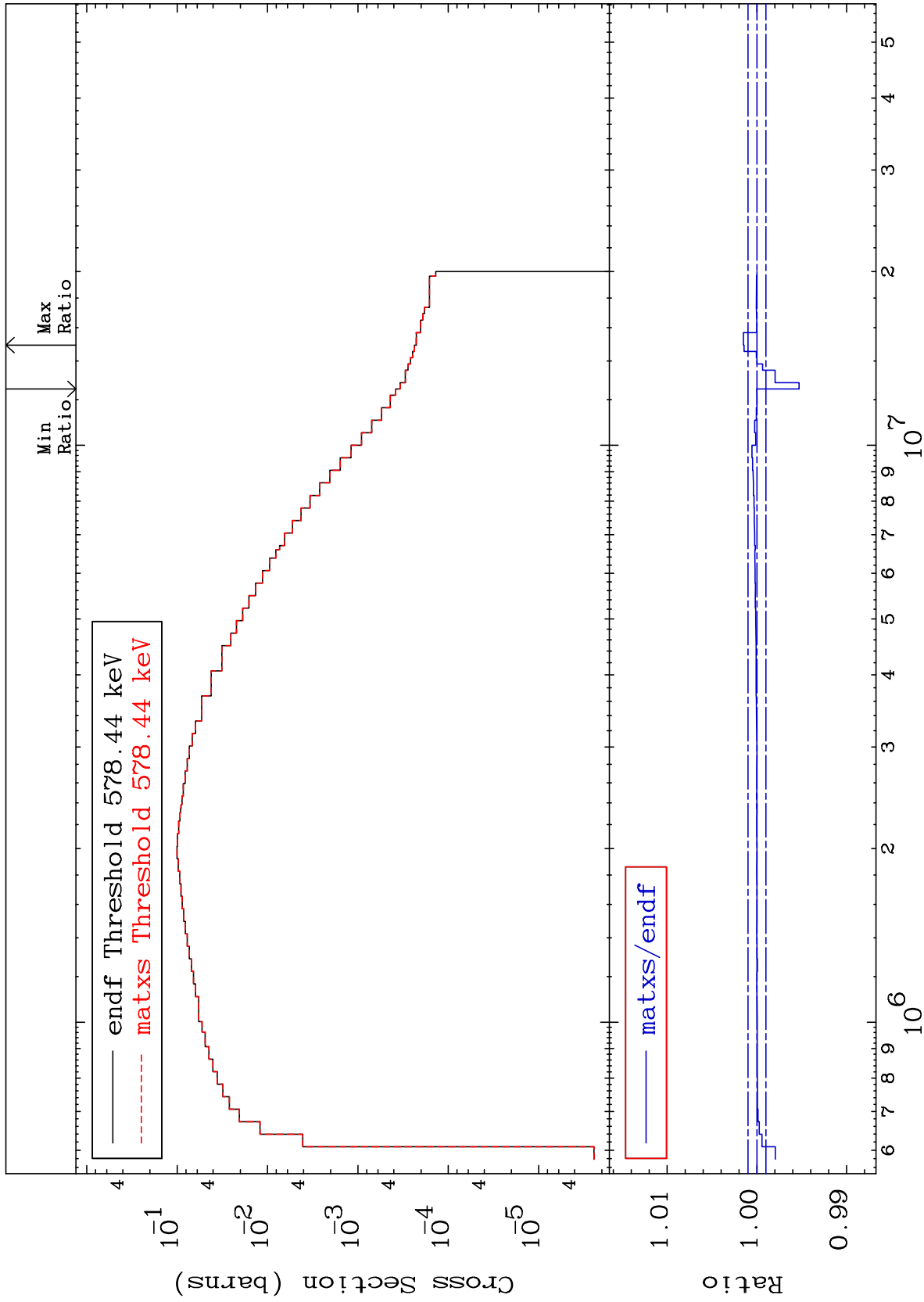
20-Ca-43
-0.473 To 0.147 %



MAT 2034

593.4 keV (n,n') Level
Cross Section

20-Ca-43
-0.471 To 0.150 %



8

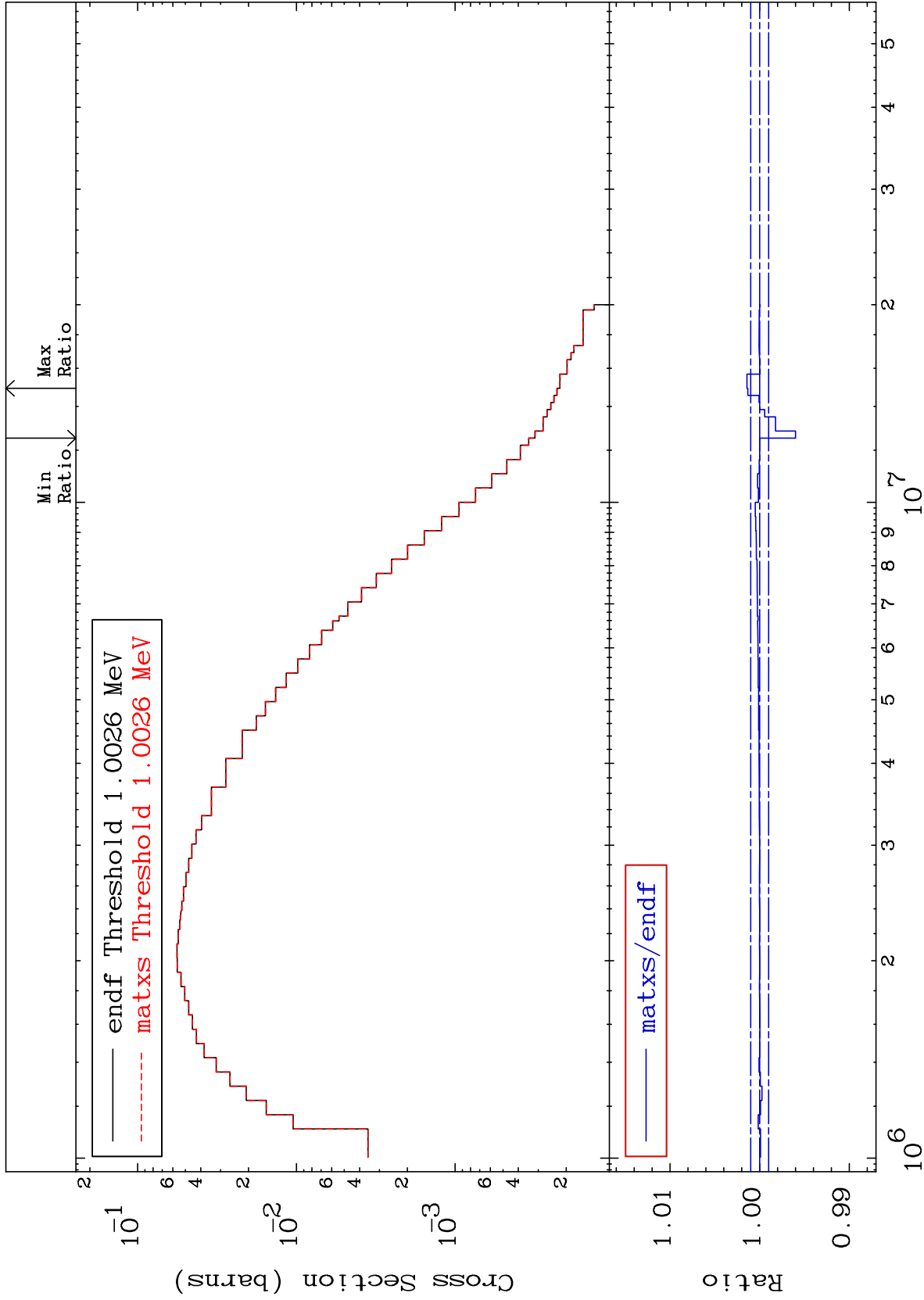
Incident Energy (eV)

20-Ca-43

MAT 2034

990.3 keV (n,n') Level
Cross Section

20-Ca-43
-0.400 To 0.141 %

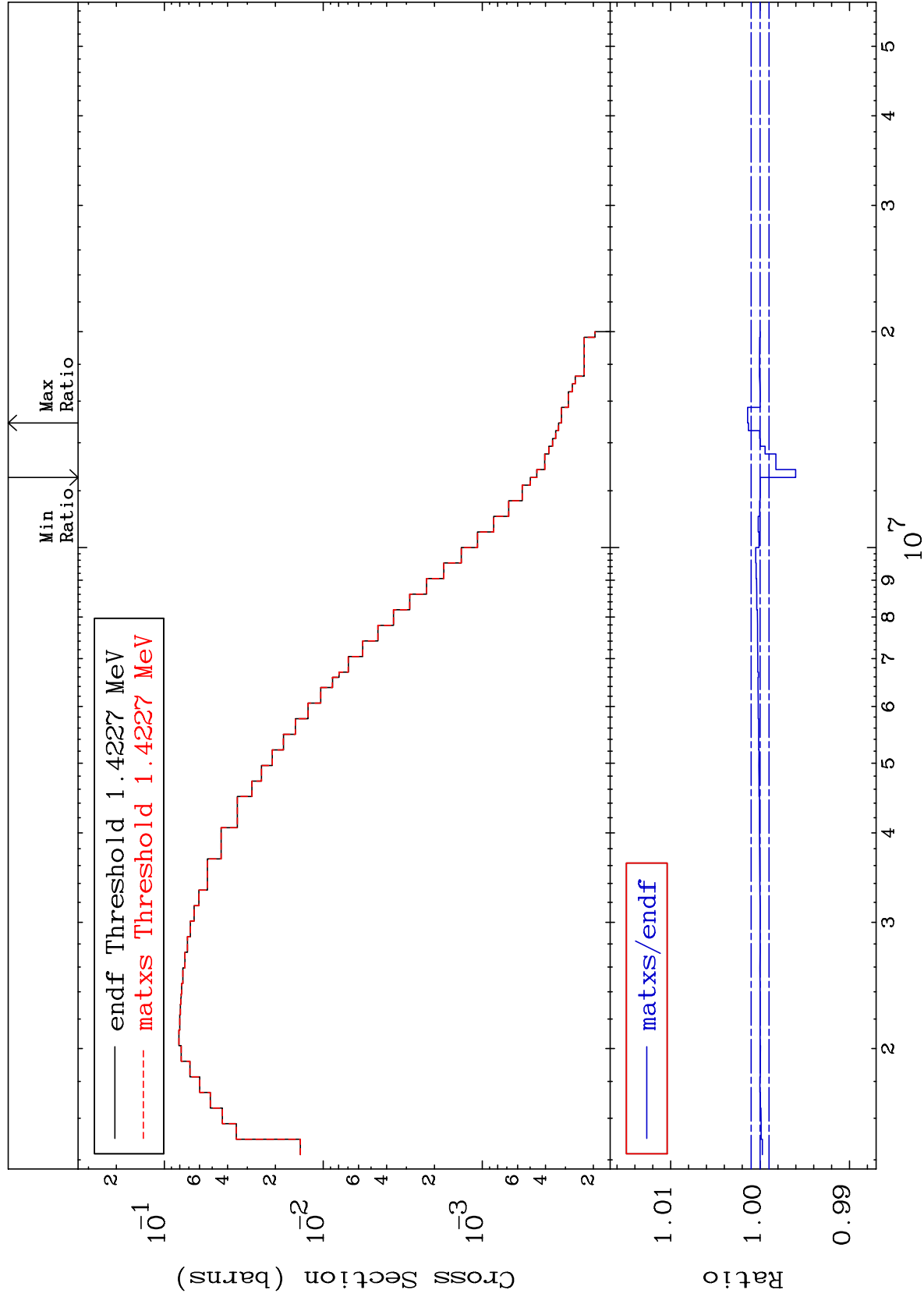


20-Ca-43

MAT 2034

1.394 MeV (n,n') Level
Cross Section

20-Ca-43
-0.397 To 0.139 %



10

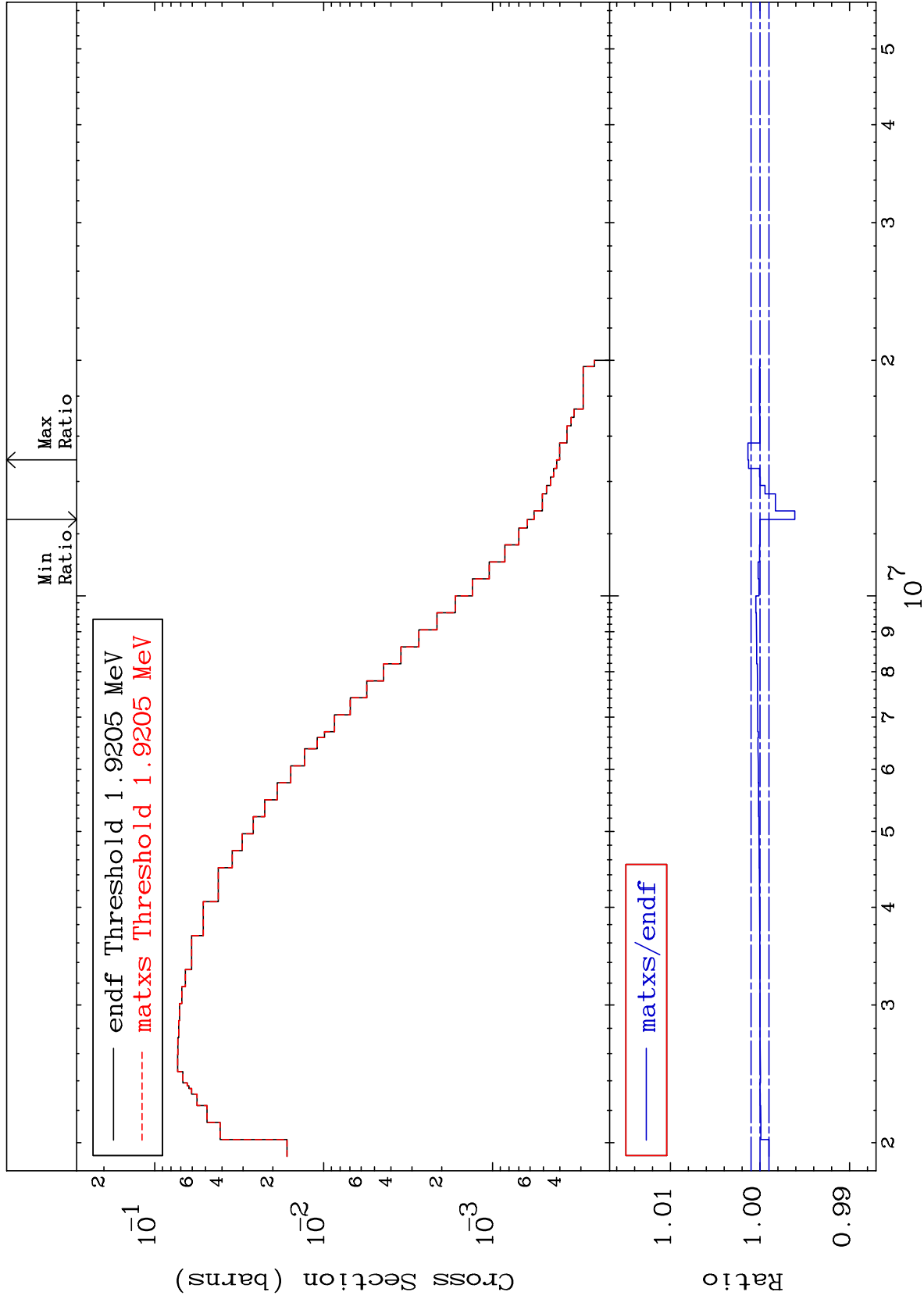
Incident Energy (eV)

20-Ca-43

MAT 2034

1.902 MeV (n,n') Level
Cross Section

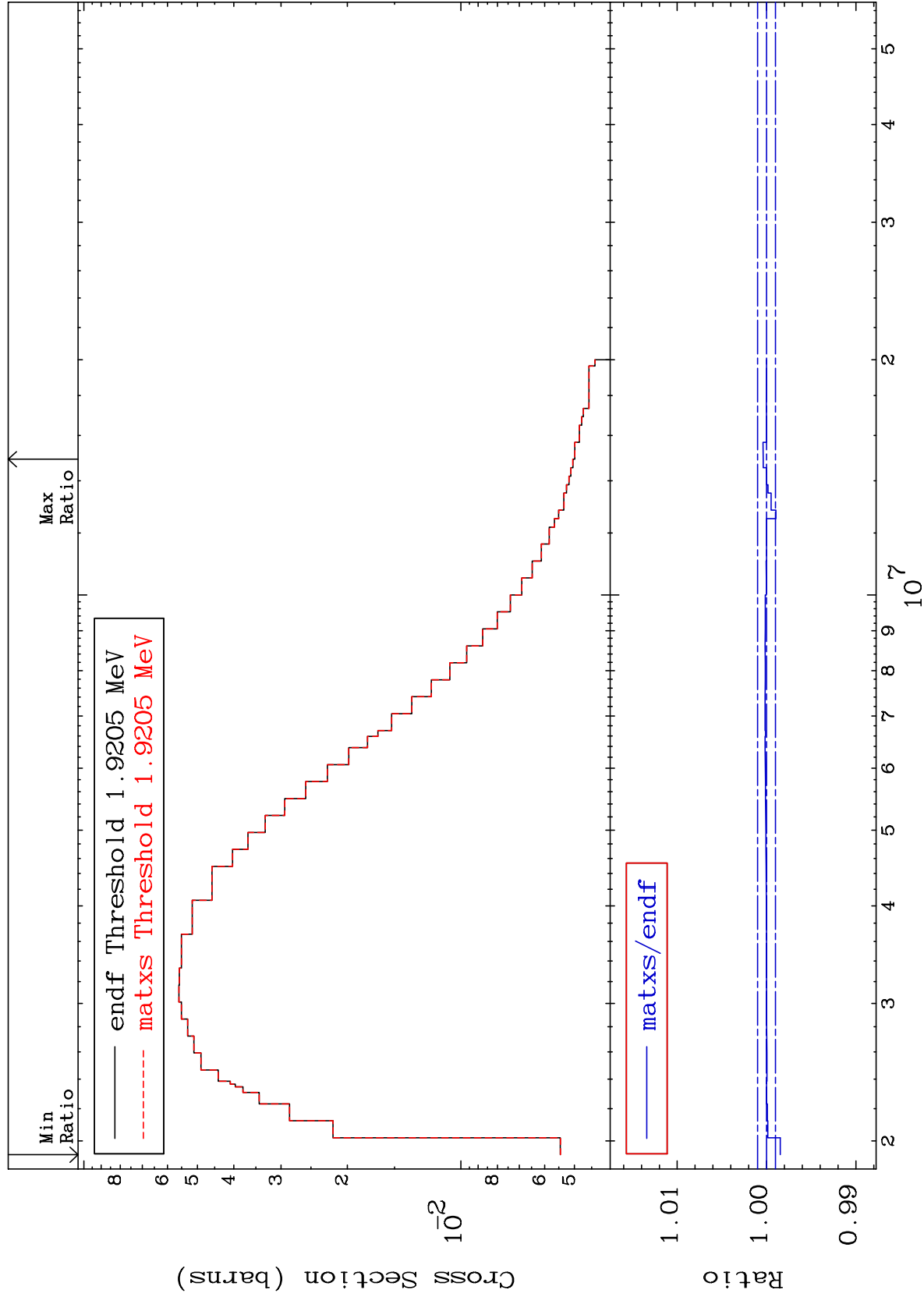
20-Ca-43
-0.388 To 0.135 %



MAT 2034

1.931 MeV (n,n') Level
Cross Section

20-Ca-43
-0.153 To 0.039 %



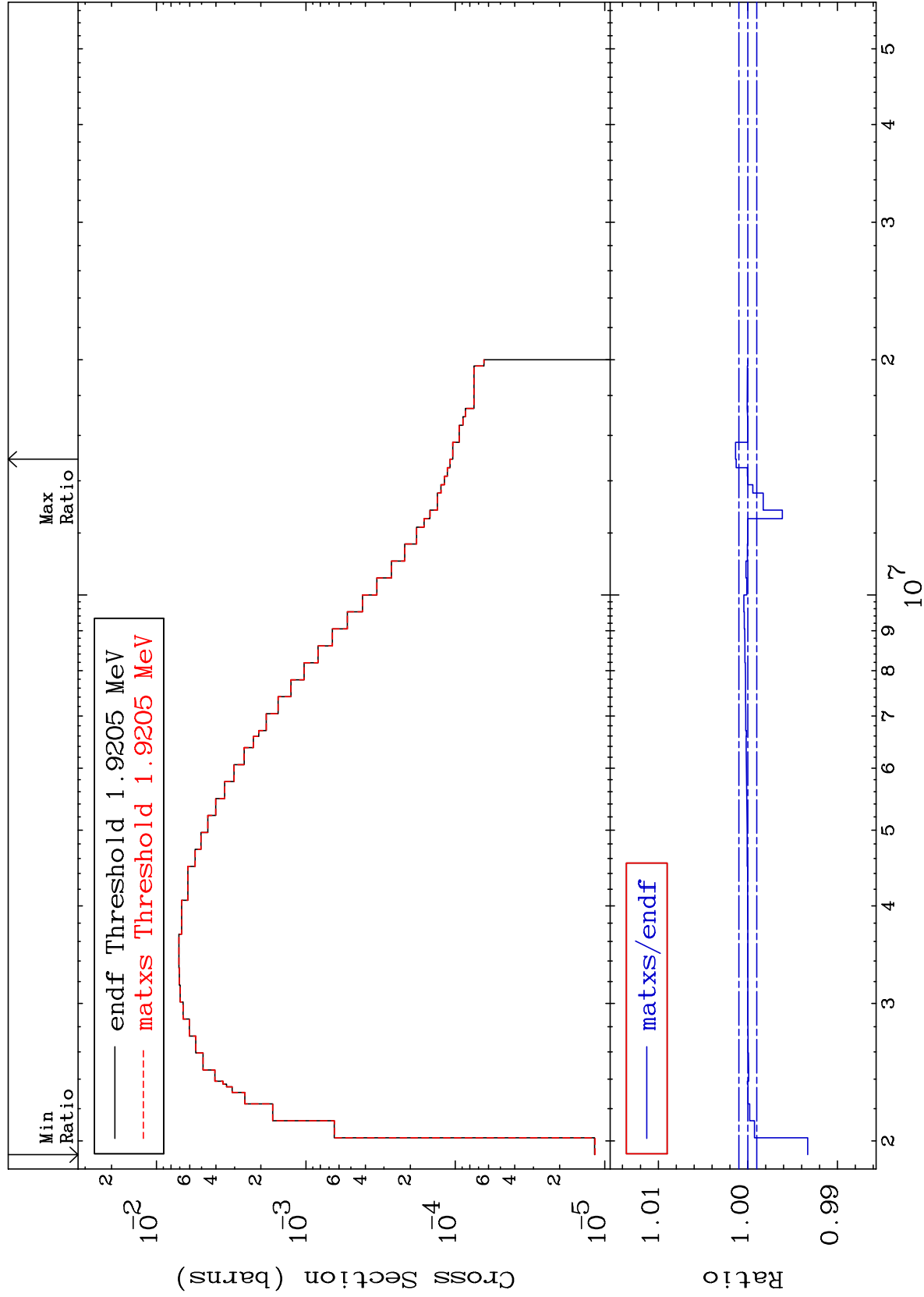
12

20-Ca-43

MAT 2034

1.957 MeV (n,n') Level
Cross Section

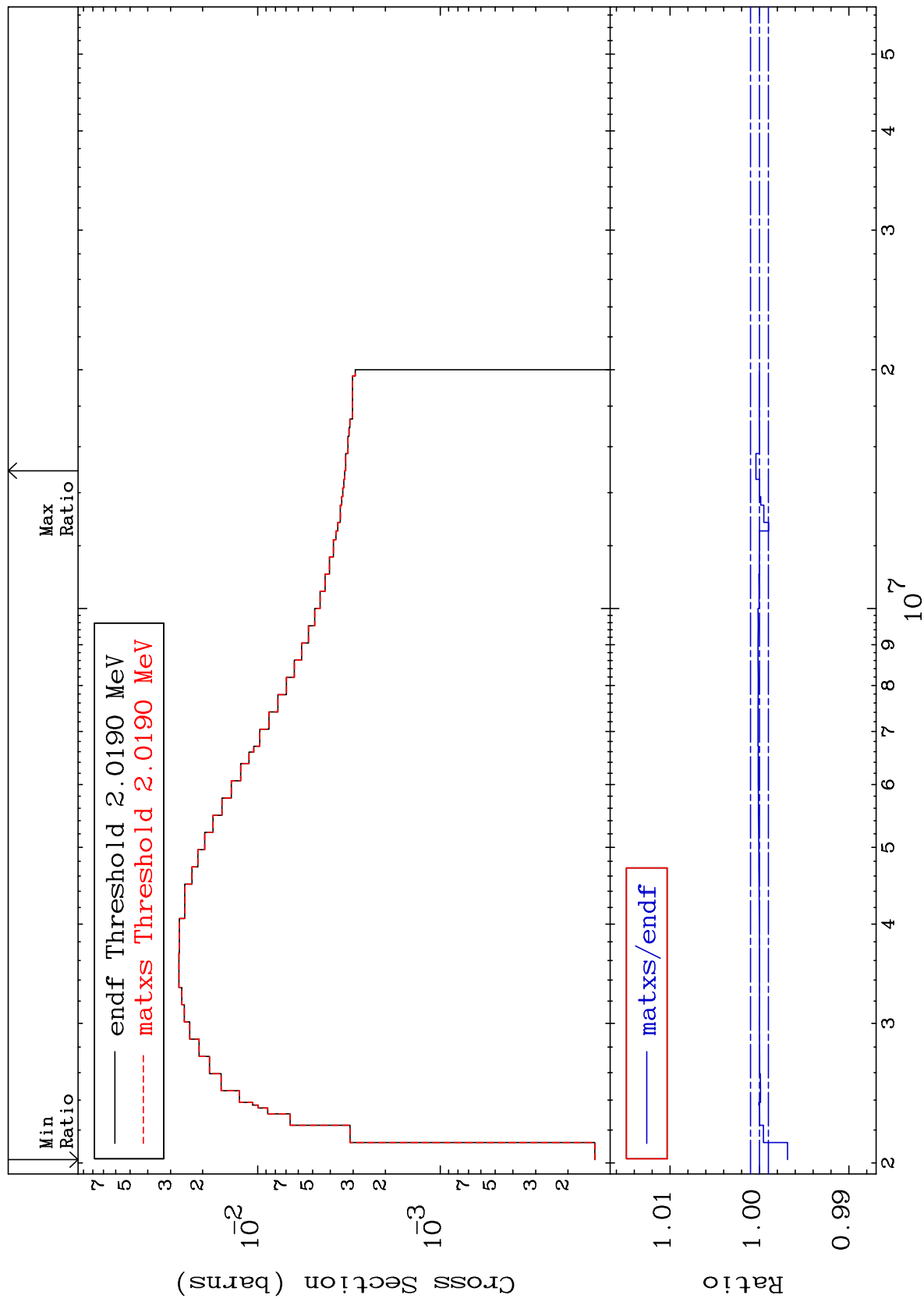
20-Ca-43
-0.669 To 0.138 %



MAT 2034

2.046 MeV (n,n') Level
Cross Section

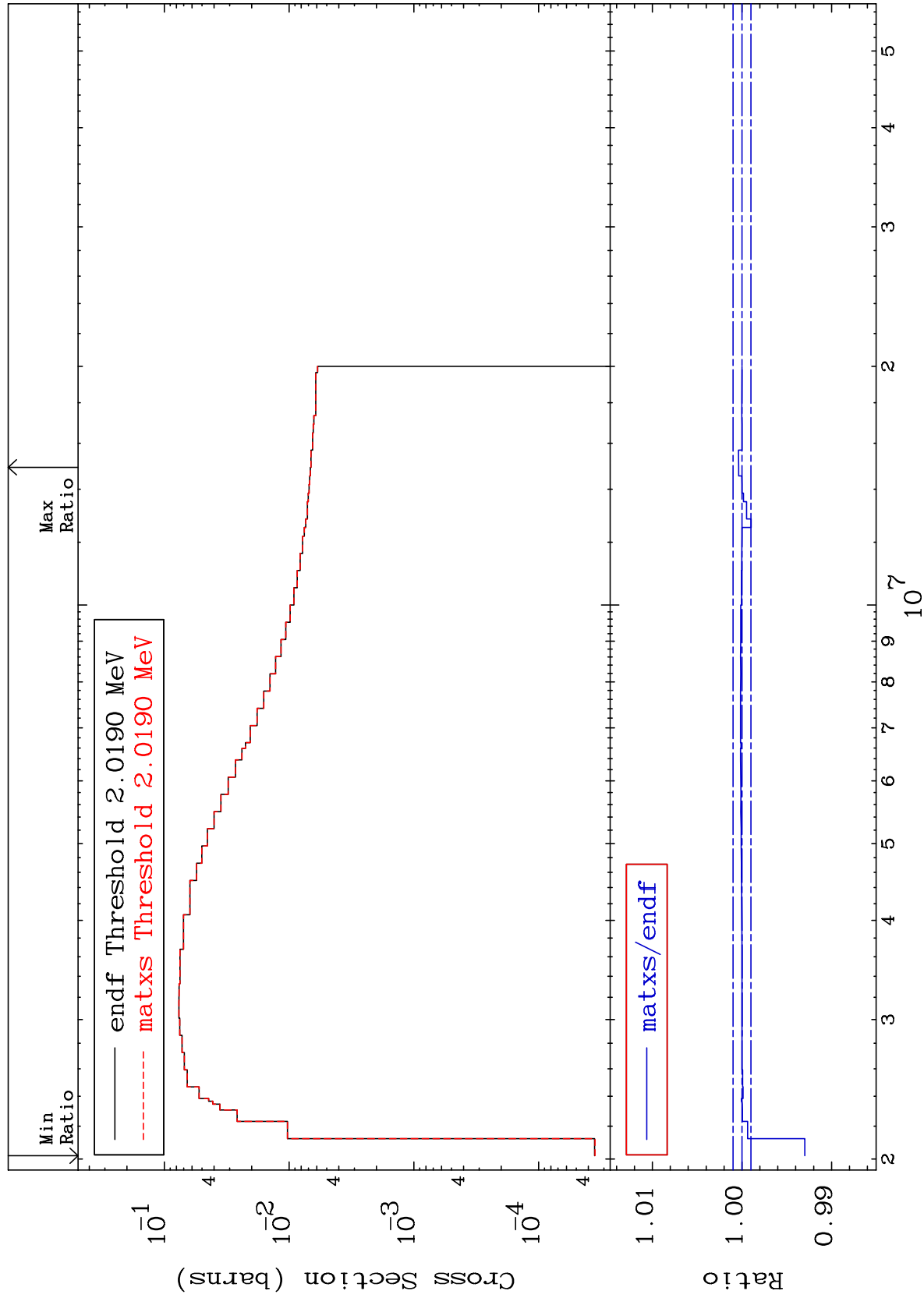
20-Ca-43
-0.314 To 0.039 %



MAT 2034

2.067 MeV (n,n') Level
Cross Section

20-Ca-43
-0.701 To 0.039 %



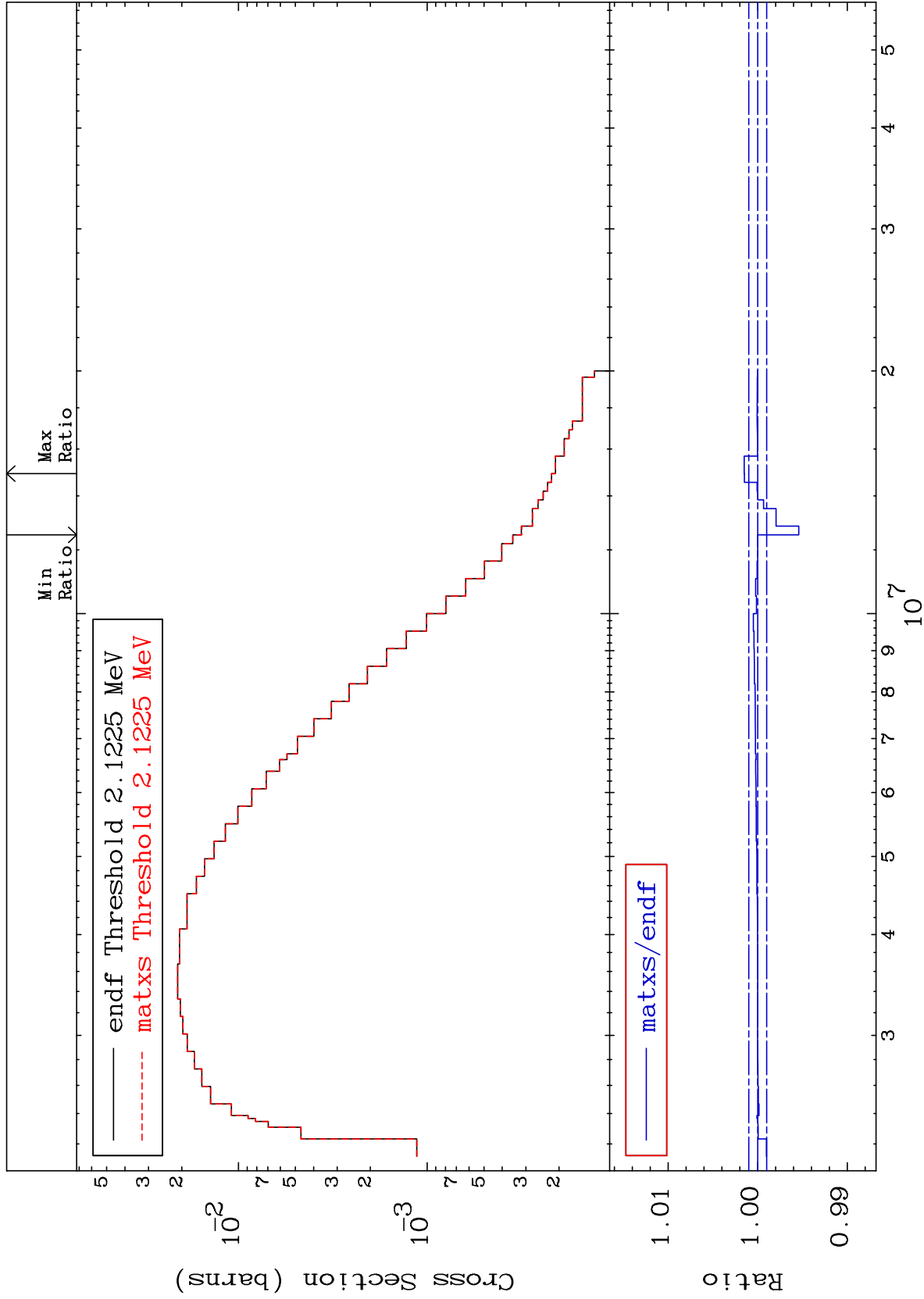
15

20-Ca-43

MAT 2034

2.103 MeV (n,n') Level
Cross Section

20-Ca-43
-0.458 To 0.152 %



16

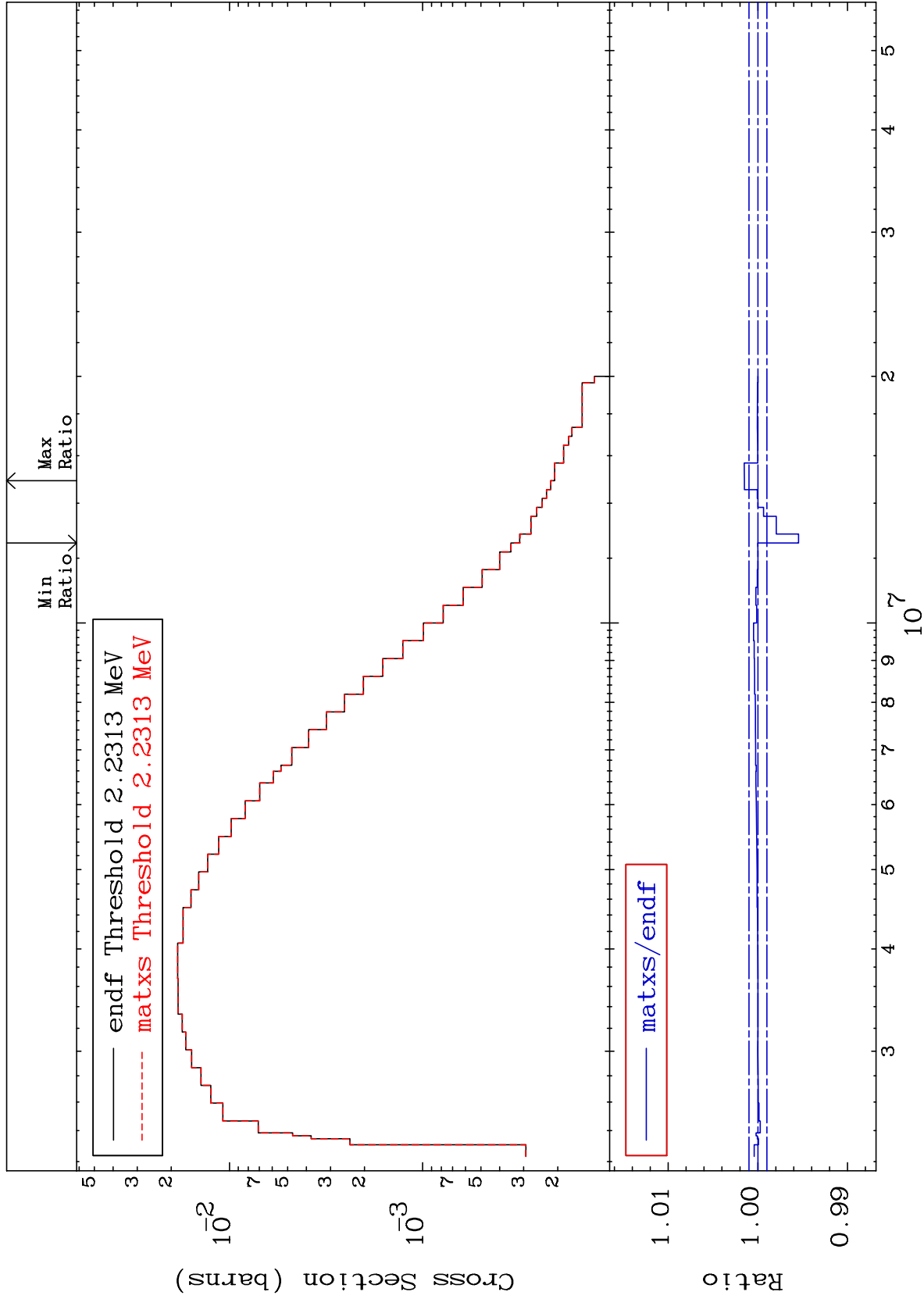
Incident Energy (eV)

20-Ca-43

MAT 2034

2.224 MeV (n,n') Level
Cross Section

20-Ca-43
-0.455 To 0.152 %



17

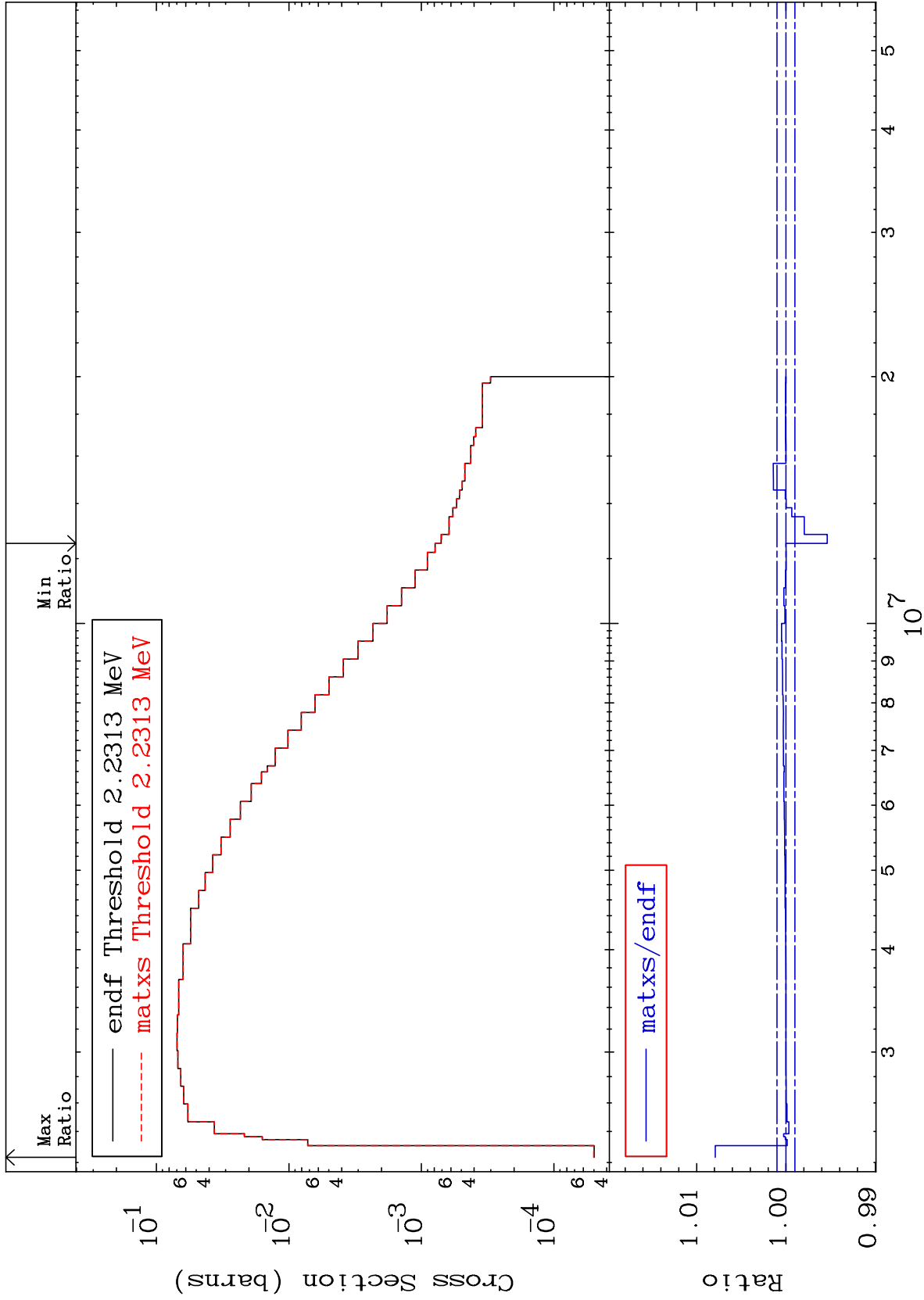
Incident Energy (eV)

20-Ca-43

MAT 2034

2.249 MeV (n,n') Level
Cross Section

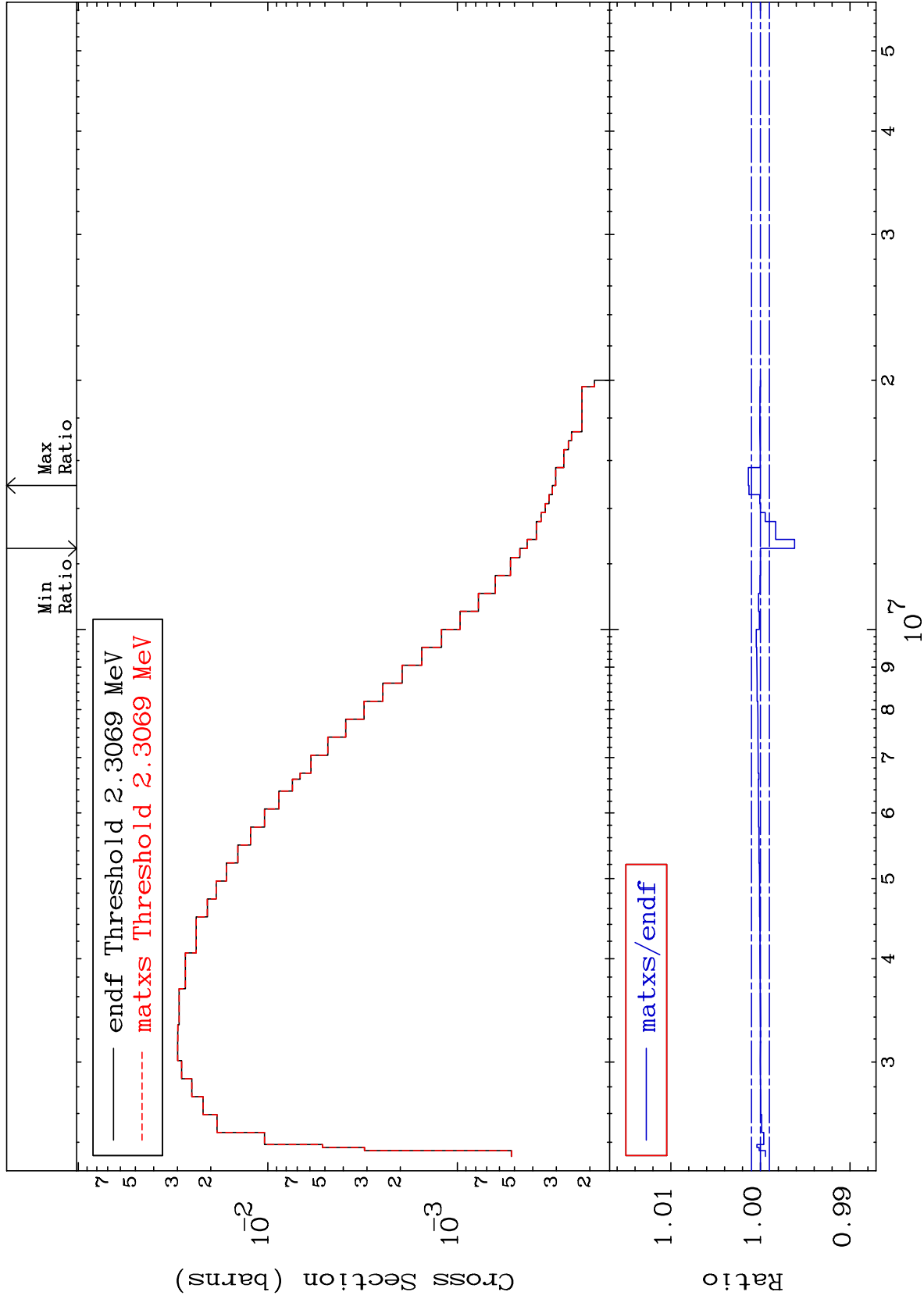
20-Ca-43
-0.461 To 0.790 %



MAT 2034

2.273 MeV (n,n') Level
Cross Section

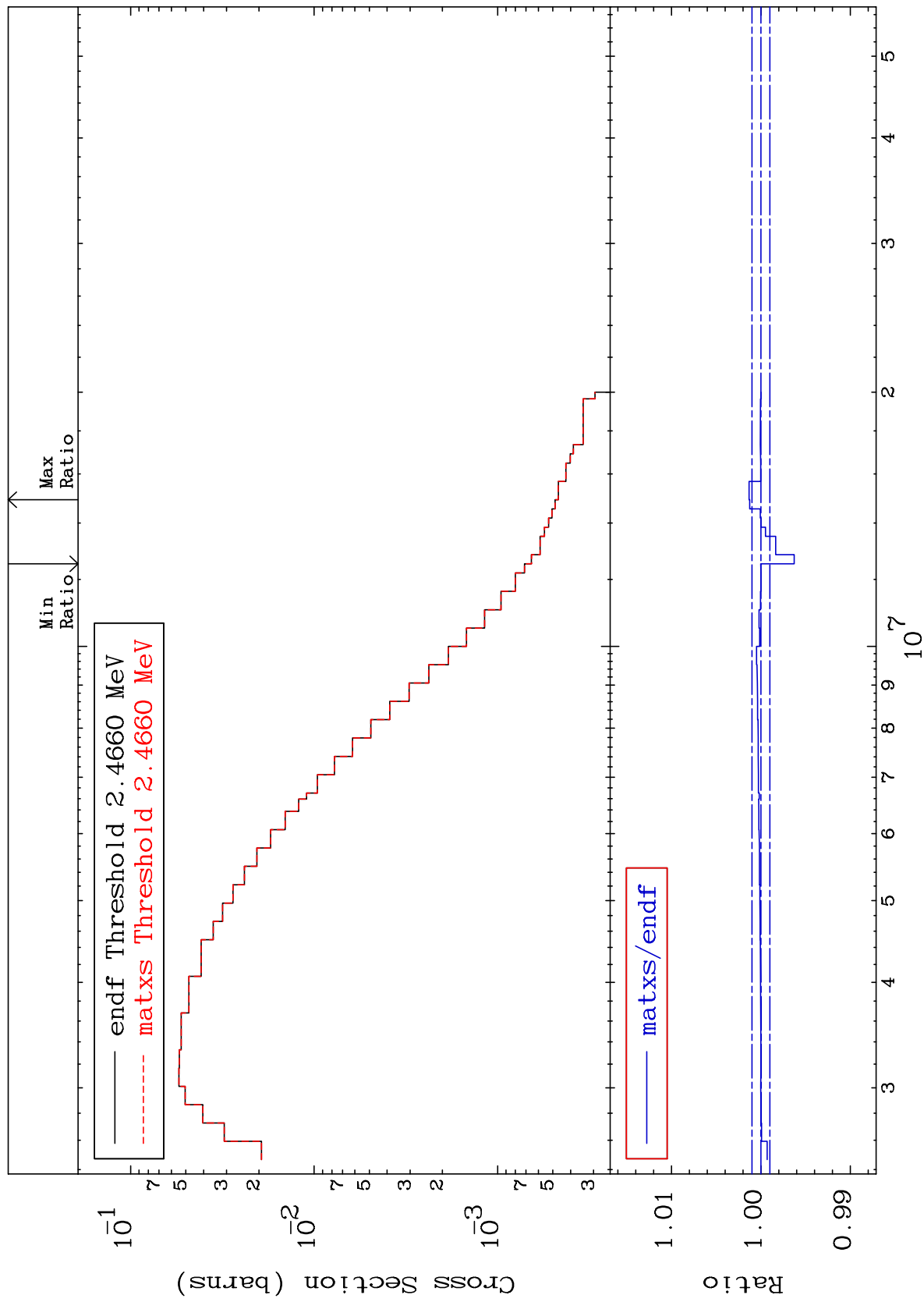
20-Ca-43
-0.381 To 0.135 %



MAT 2034

2.410 MeV (n,n') Level
Cross Section

20-Ca-43
-0.373 To 0.131 %



20

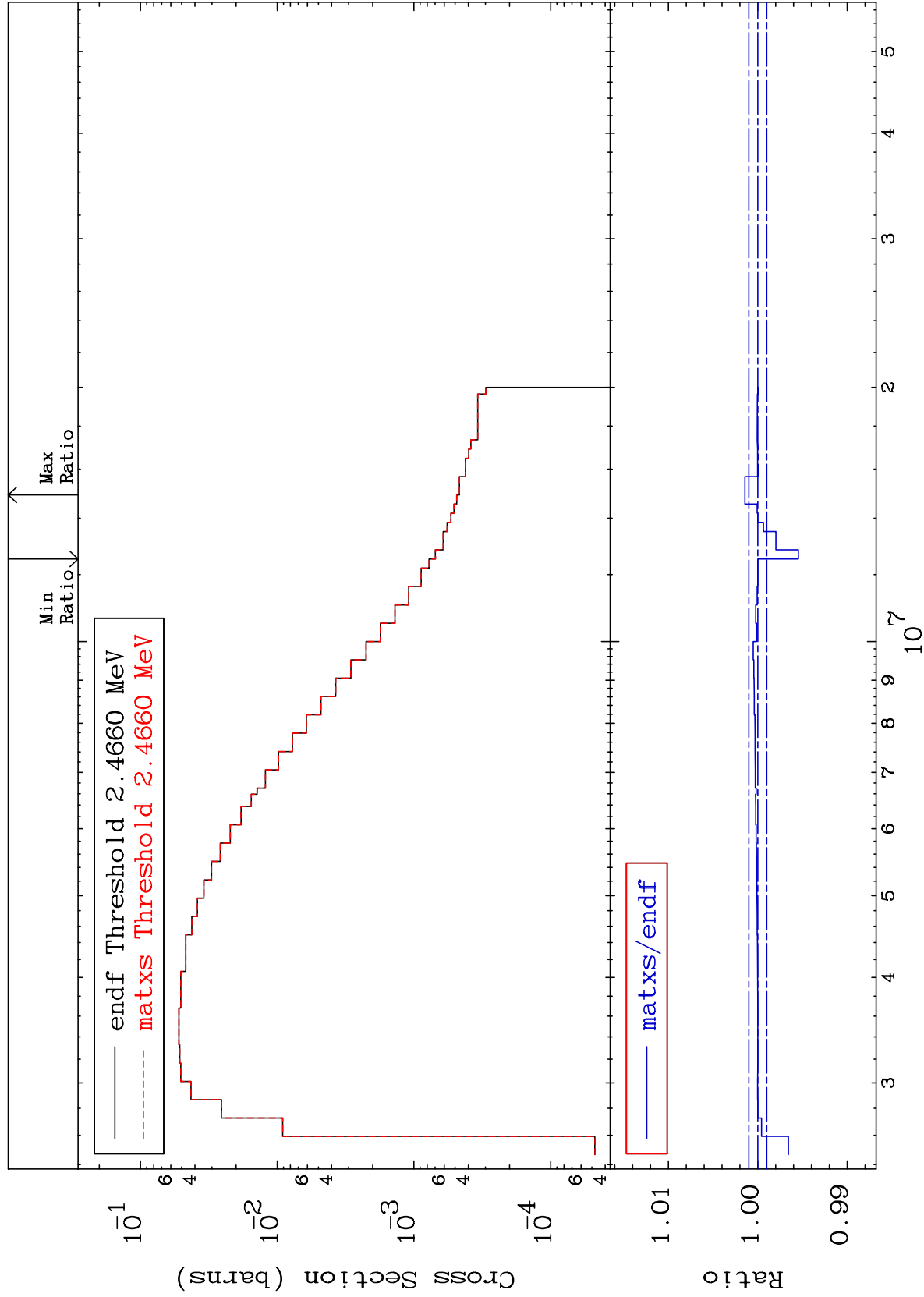
Incident Energy (eV)

20-Ca-43

MAT 2034

2.523 MeV (n,n') Level
Cross Section

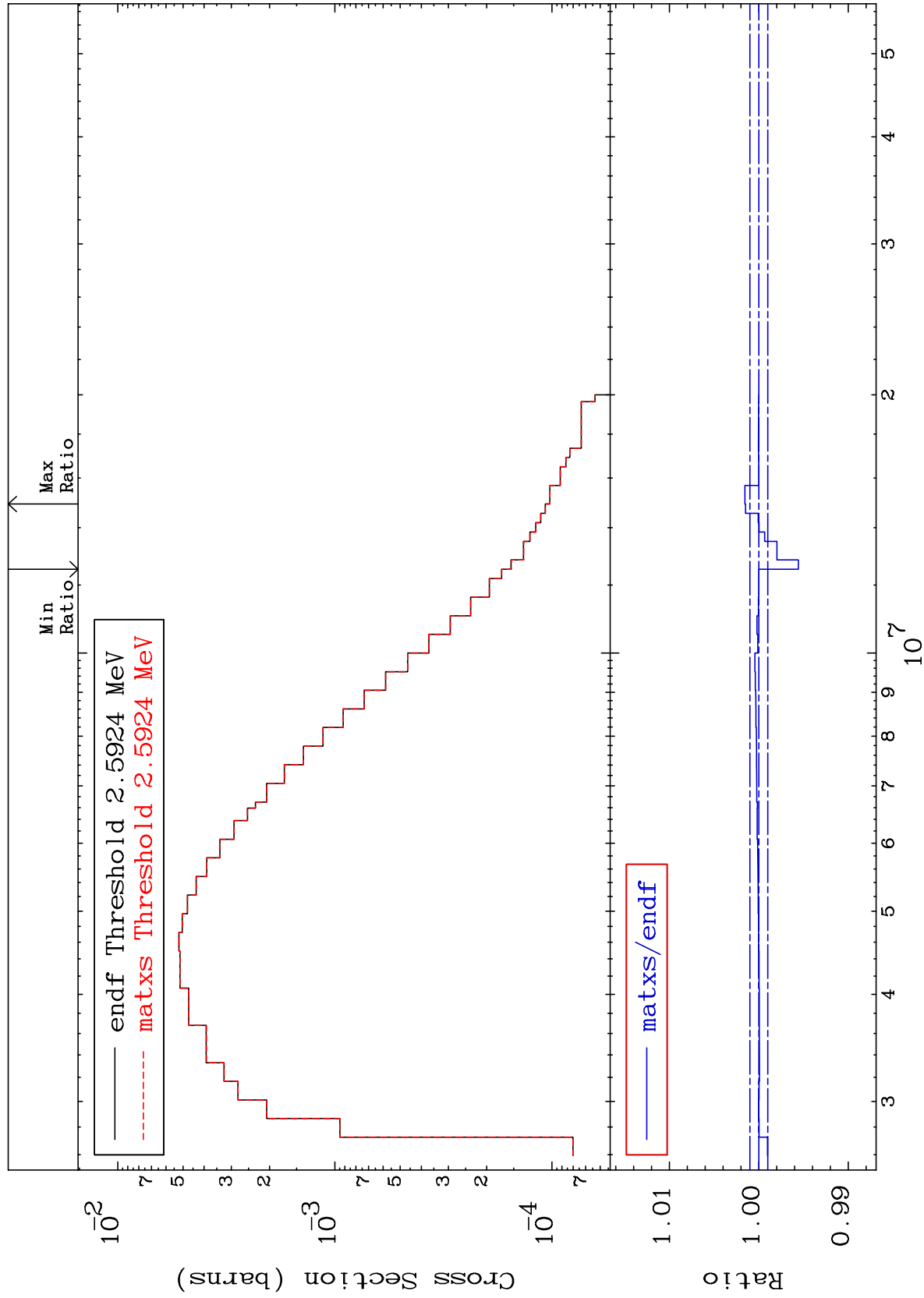
20-Ca-43
-0.455 To 0.144 %



MAT 2034

2.611 MeV (n,n') Level
Cross Section

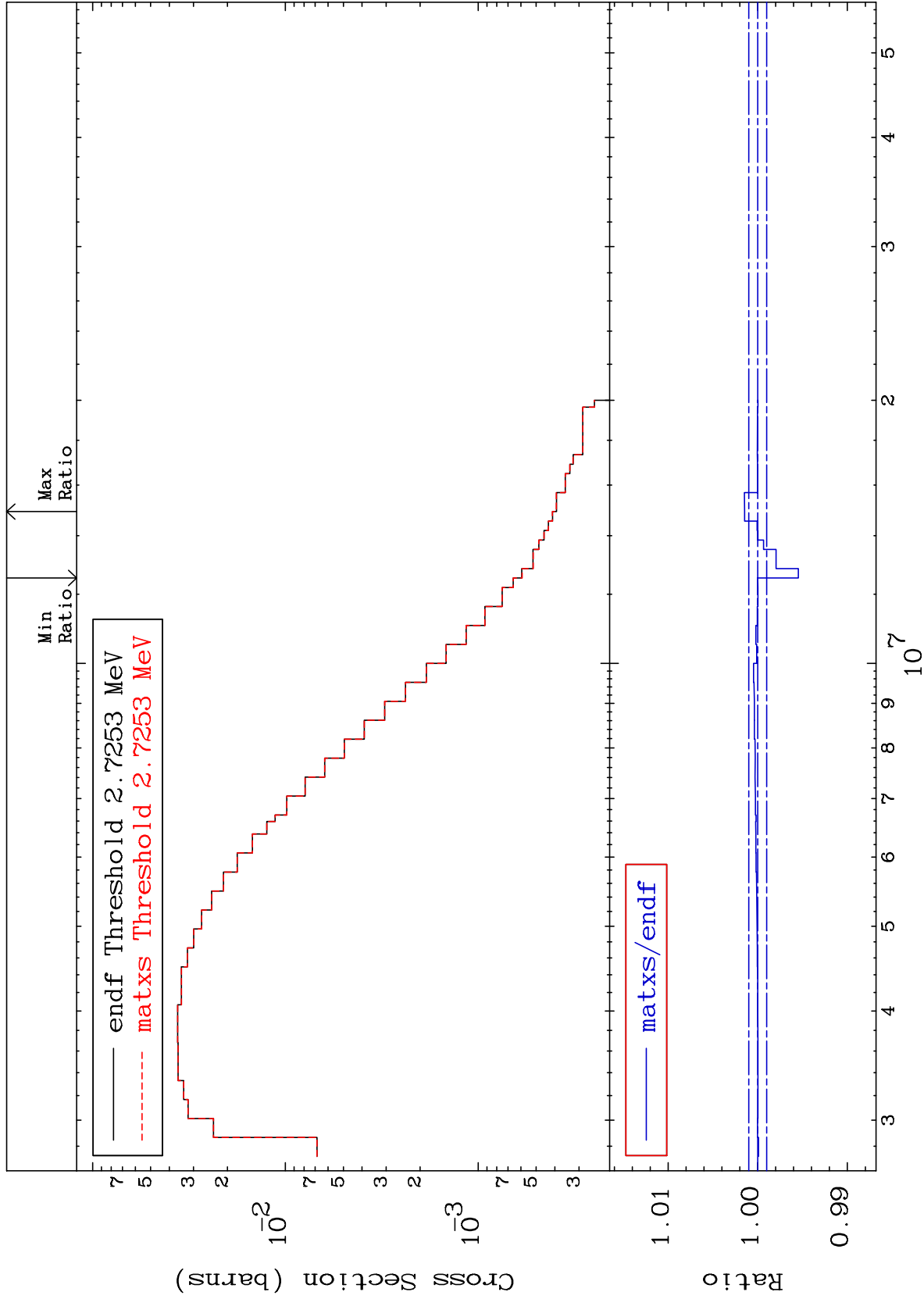
20-Ca-43
-0.441 To 0.155 %



MAT 2034

2.674 MeV (n,n') Level
Cross Section

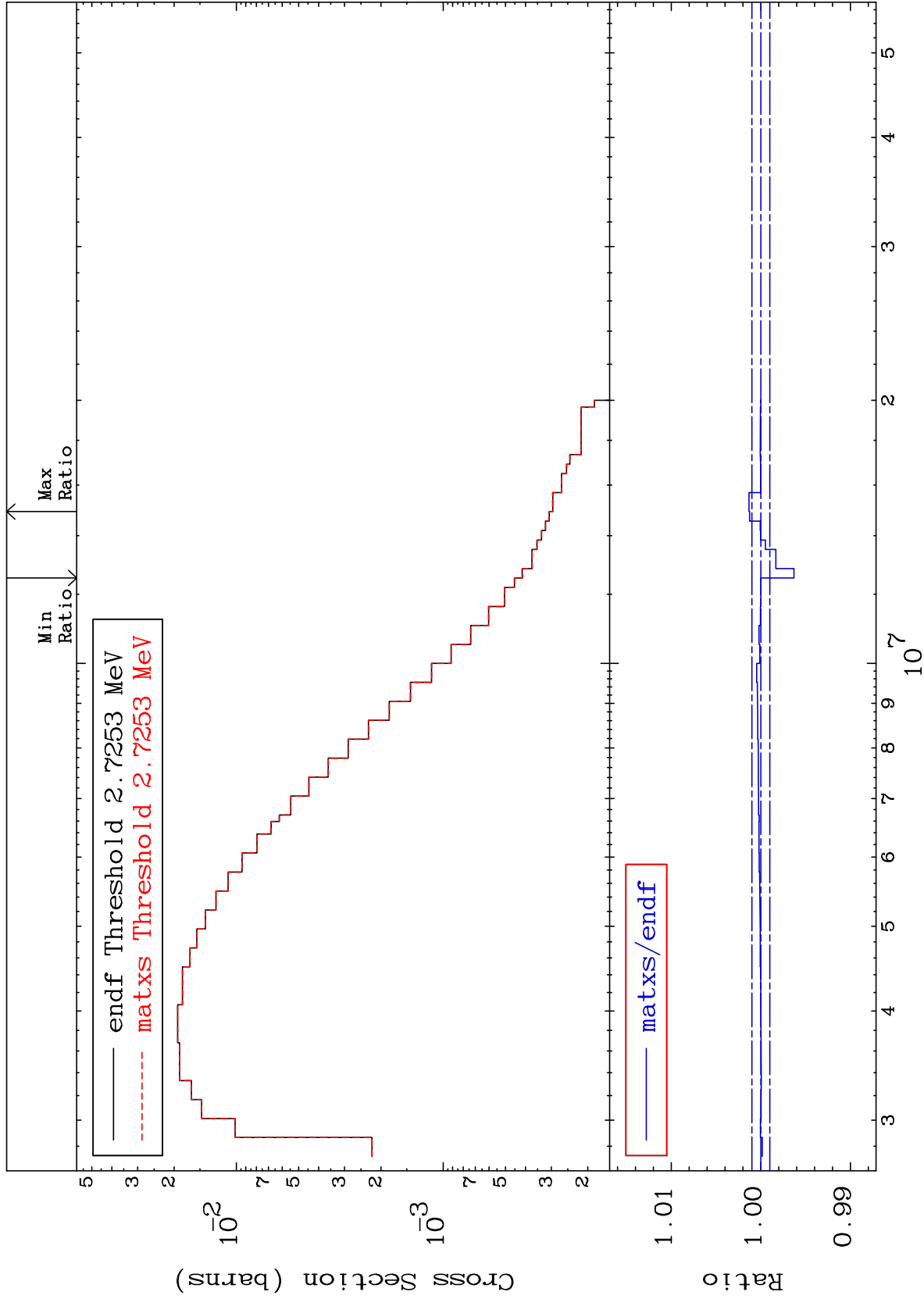
20-Ca-43
-0.452 To 0.149 %



MAT 2034

2.697 MeV (n,n') Level
Cross Section

20-Ca-43
-0.369 To 0.133 %



24

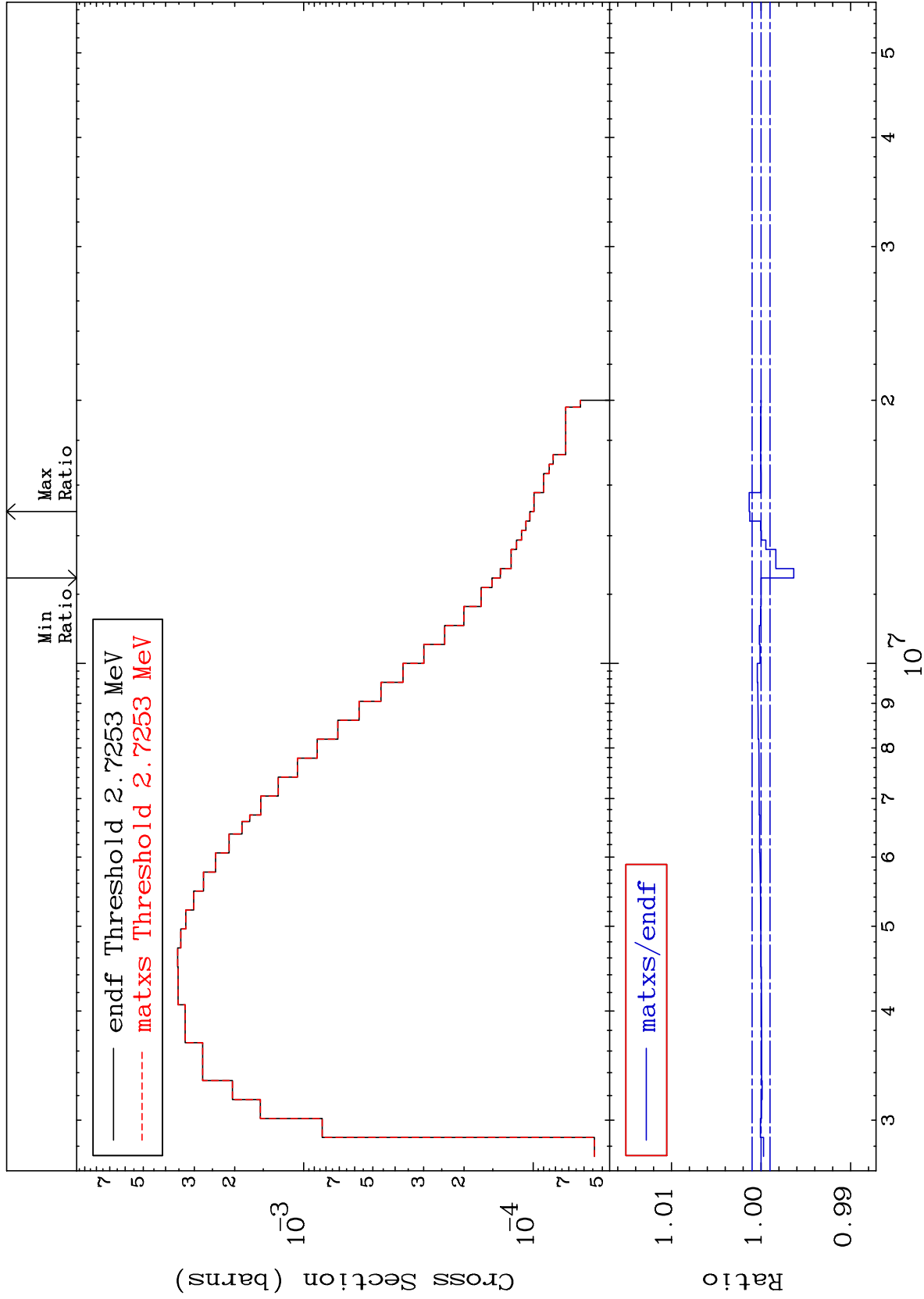
Incident Energy (eV)

20-Ca-43

MAT 2034

2.753 MeV (n,n') Level
Cross Section

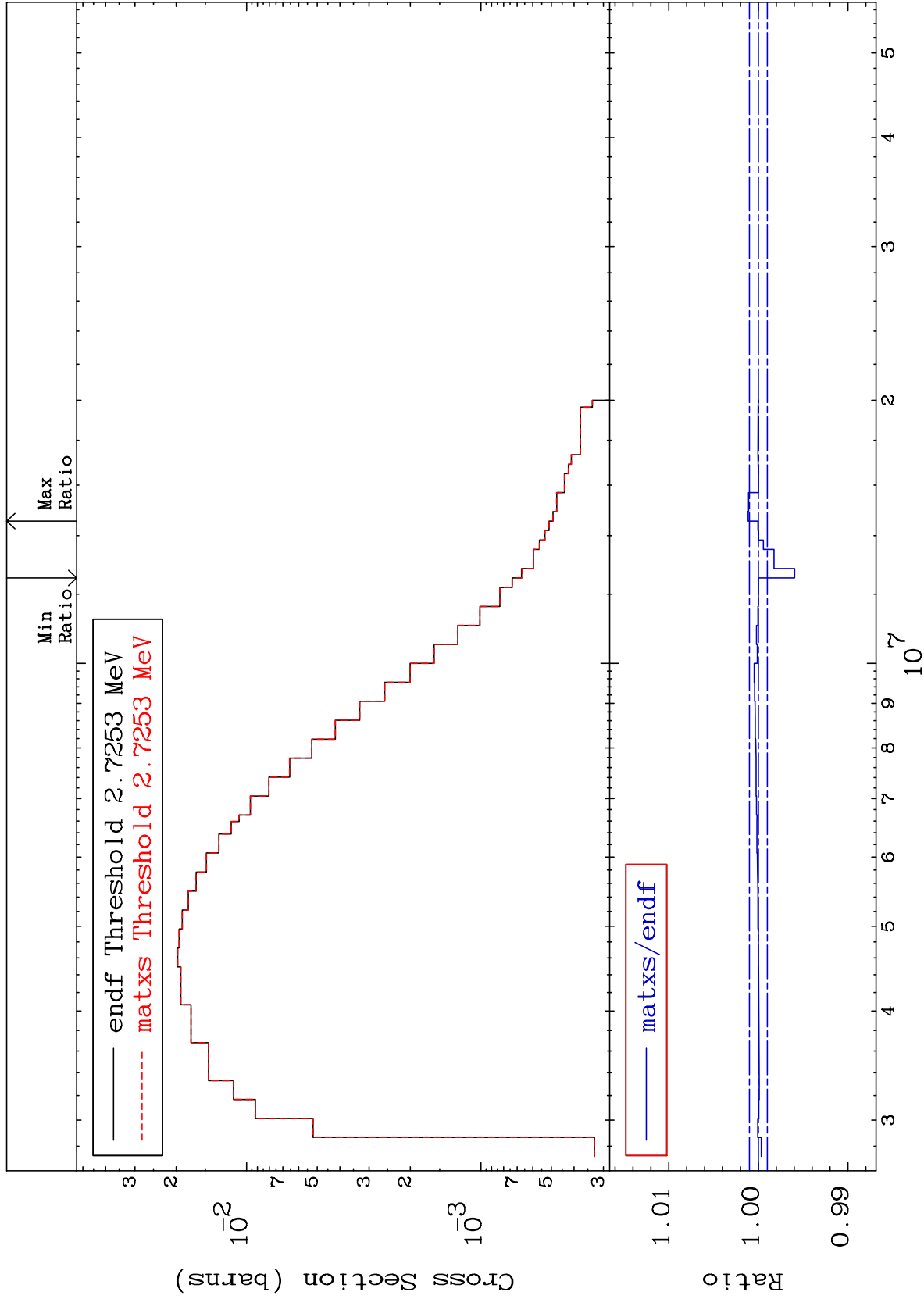
20-Ca-43
-0.364 To 0.134 %



MAT 2034

2.754 MeV (n,n') Level
Cross Section

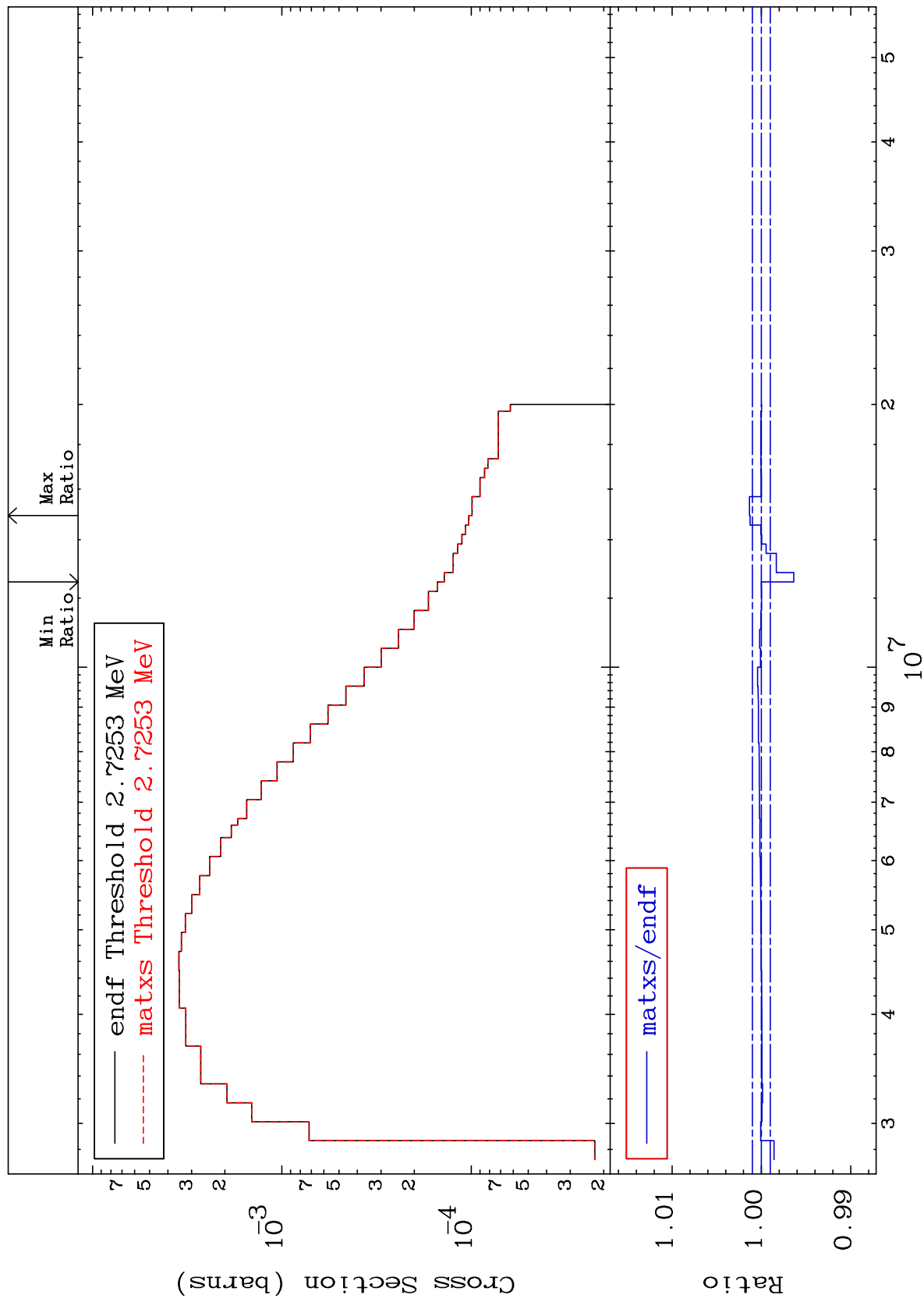
20-Ca-43
-0.404 To 0.114 %



MAT 2034

2.770 MeV (n,n') Level
Cross Section

20-Ca-43
-0.363 To 0.134 %



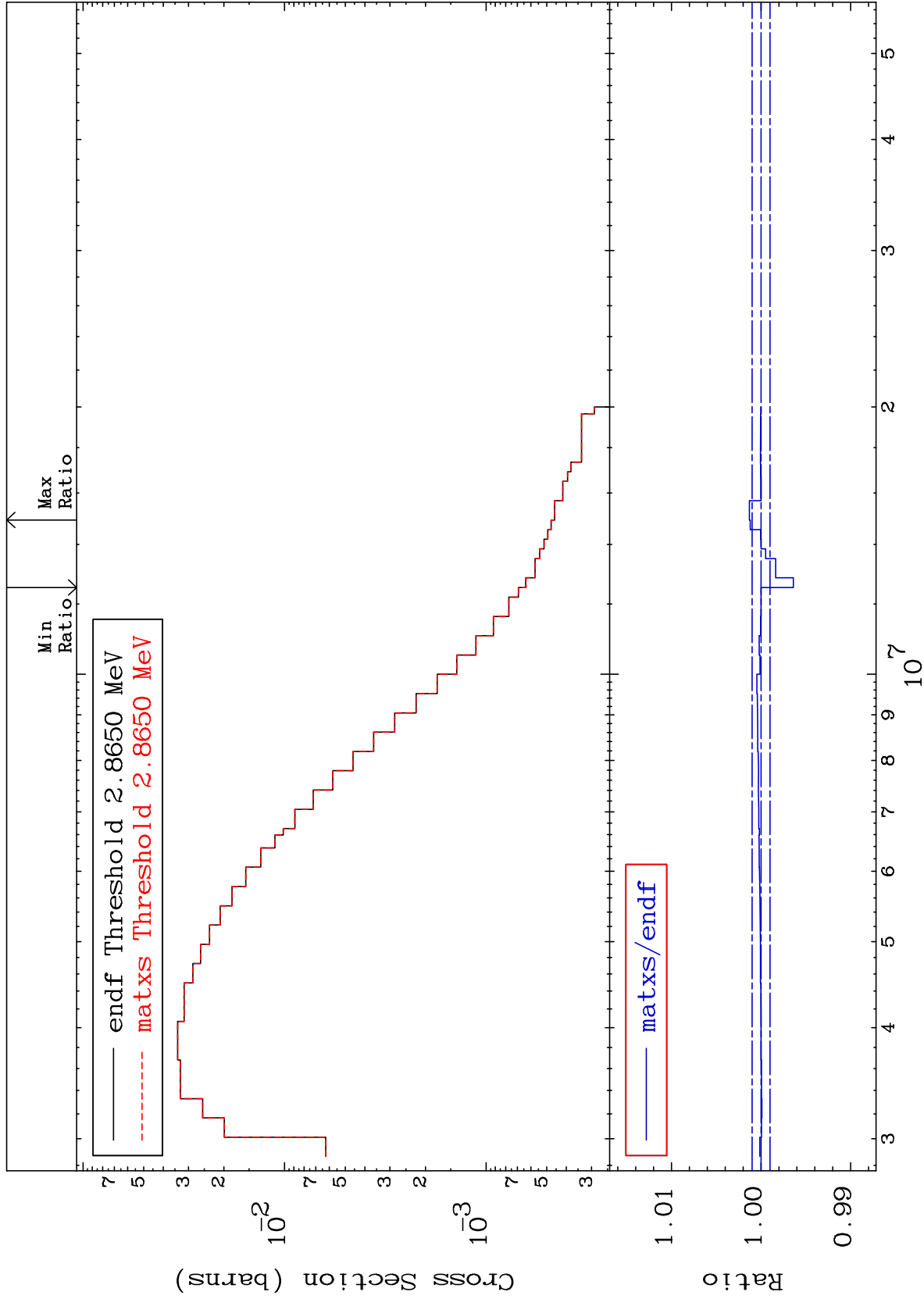
27

20-Ca-43

MAT 2034

2.846 MeV (n,n') Level
Cross Section

20-Ca-43
-0.360 To 0.129 %



28

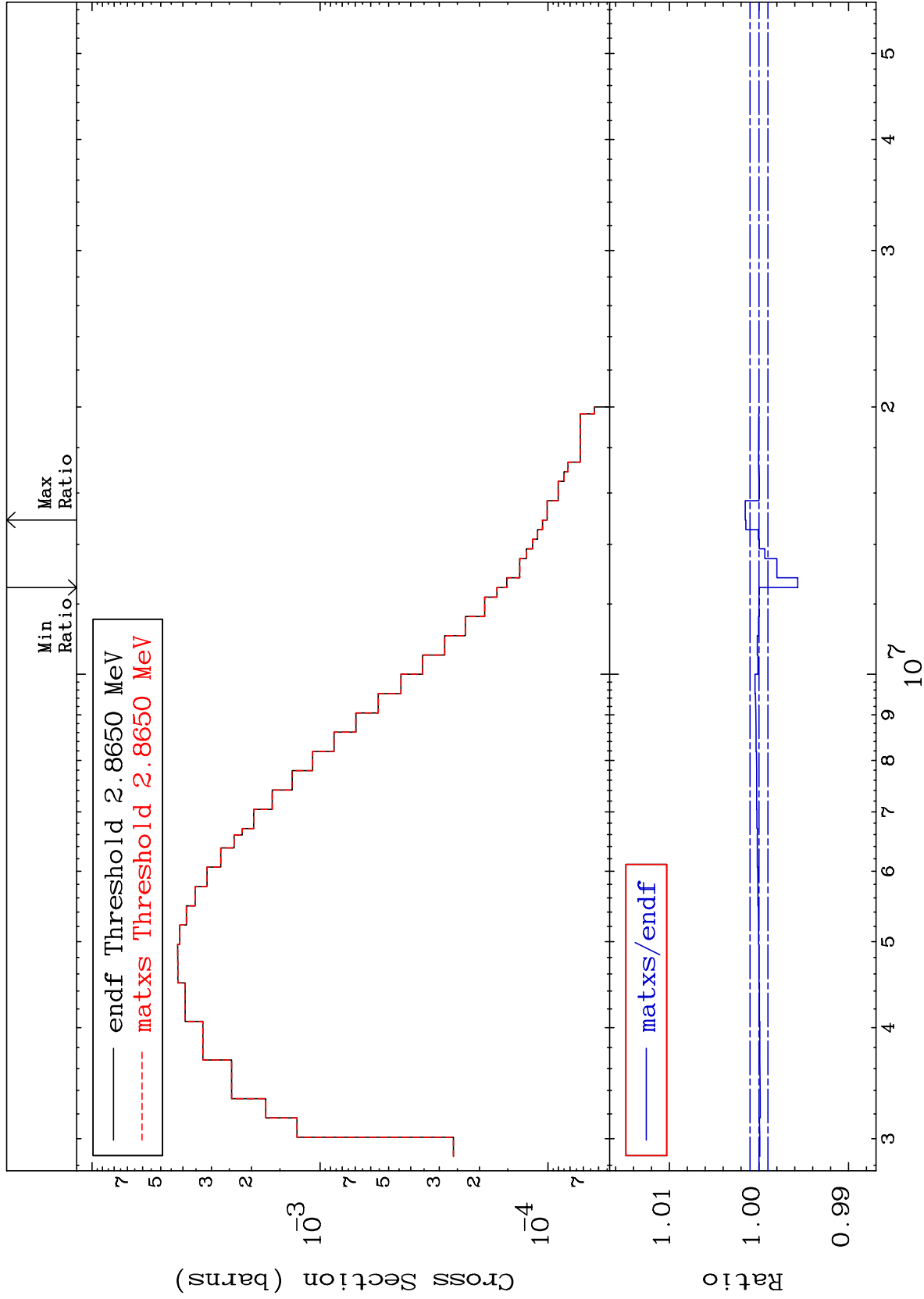
Incident Energy (eV)

20-Ca-43

MAT 2034

2.878 MeV (n,n') Level
Cross Section

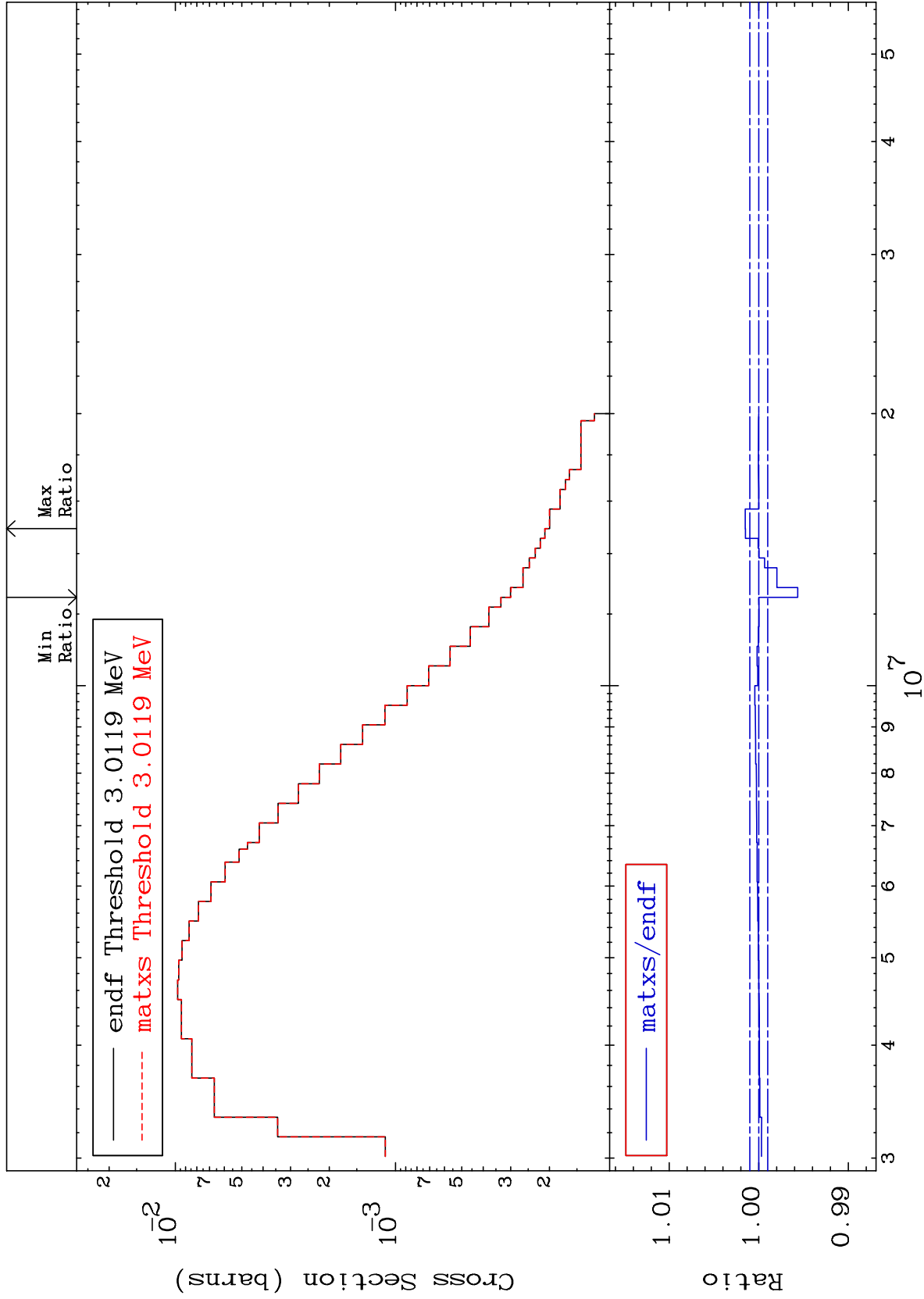
20-Ca-43
-0.431 To 0.155 %



MAT 2034

2.943 MeV (n,n') Level
Cross Section

20-Ca-43
-0.433 To 0.153 %

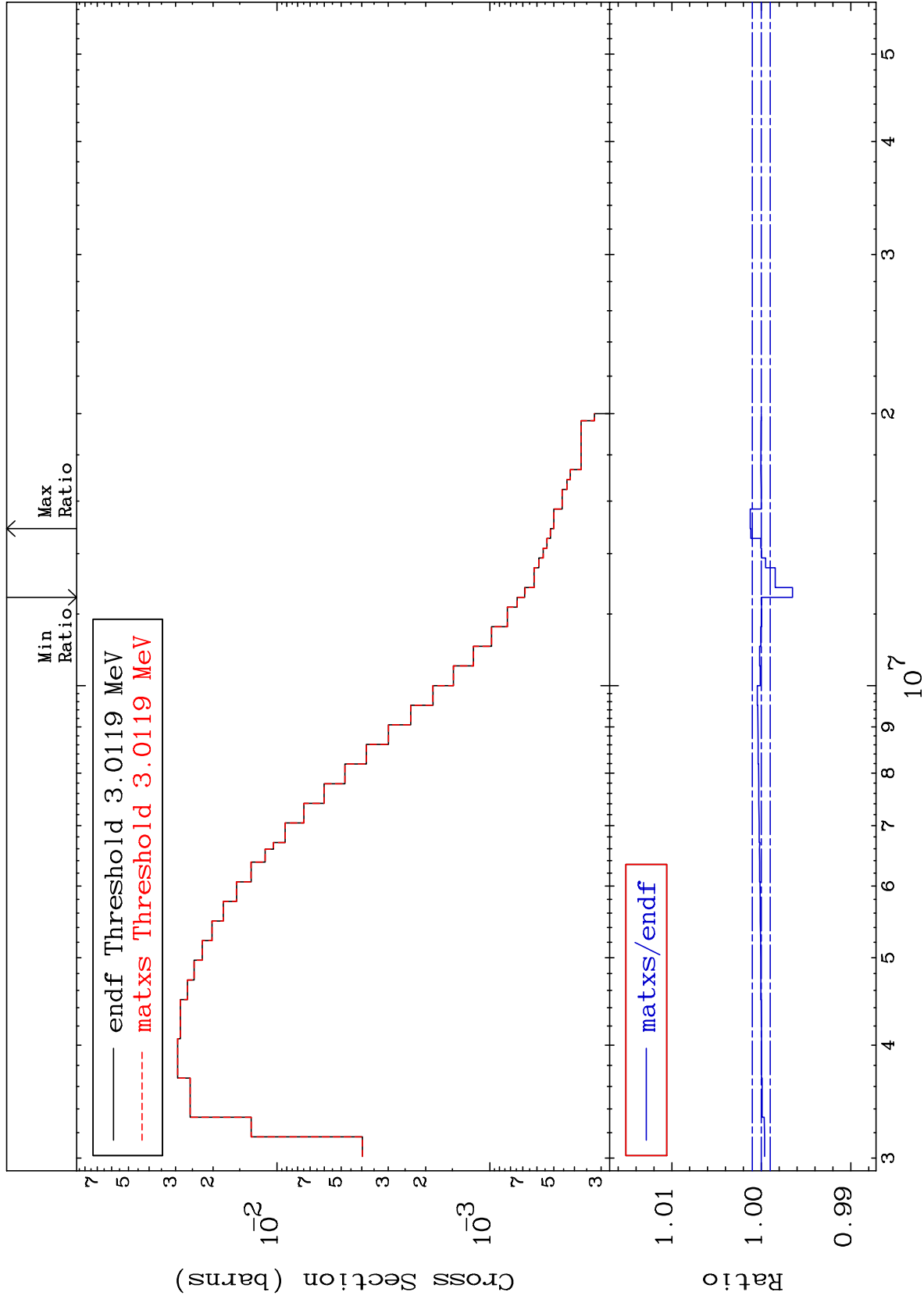


30

MAT 2034

2.951 MeV (n,n') Level
Cross Section

20-Ca-43
-0.348 To 0.123 %



31

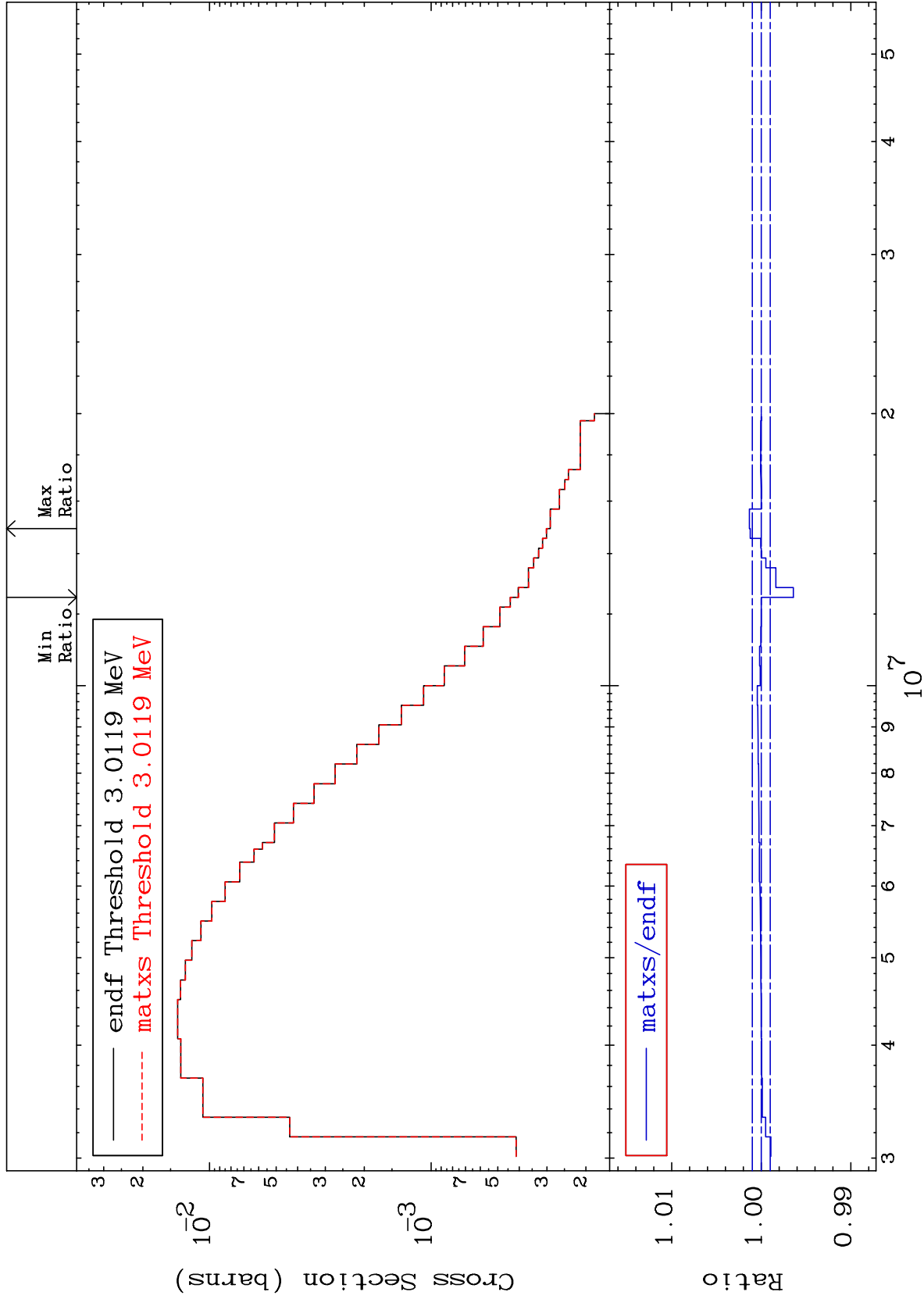
Incident Energy (eV)

20-Ca-43

MAT 2034

3.029 MeV (n,n') Level
Cross Section

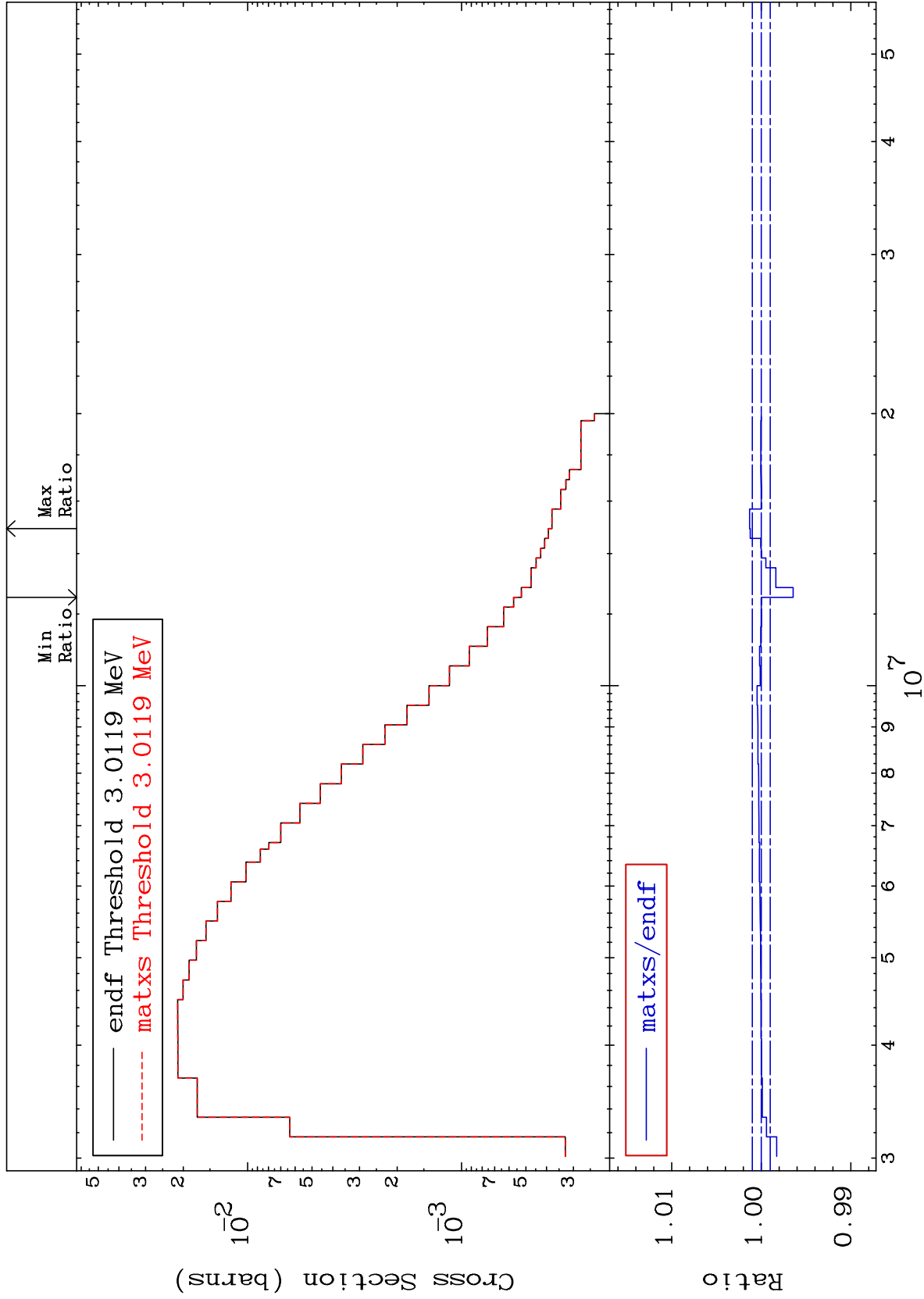
20-Ca-43
-0.358 To 0.132 %



MAT 2034

3.049 MeV (n,n') Level
Cross Section

20-Ca-43
-0.357 To 0.131 %



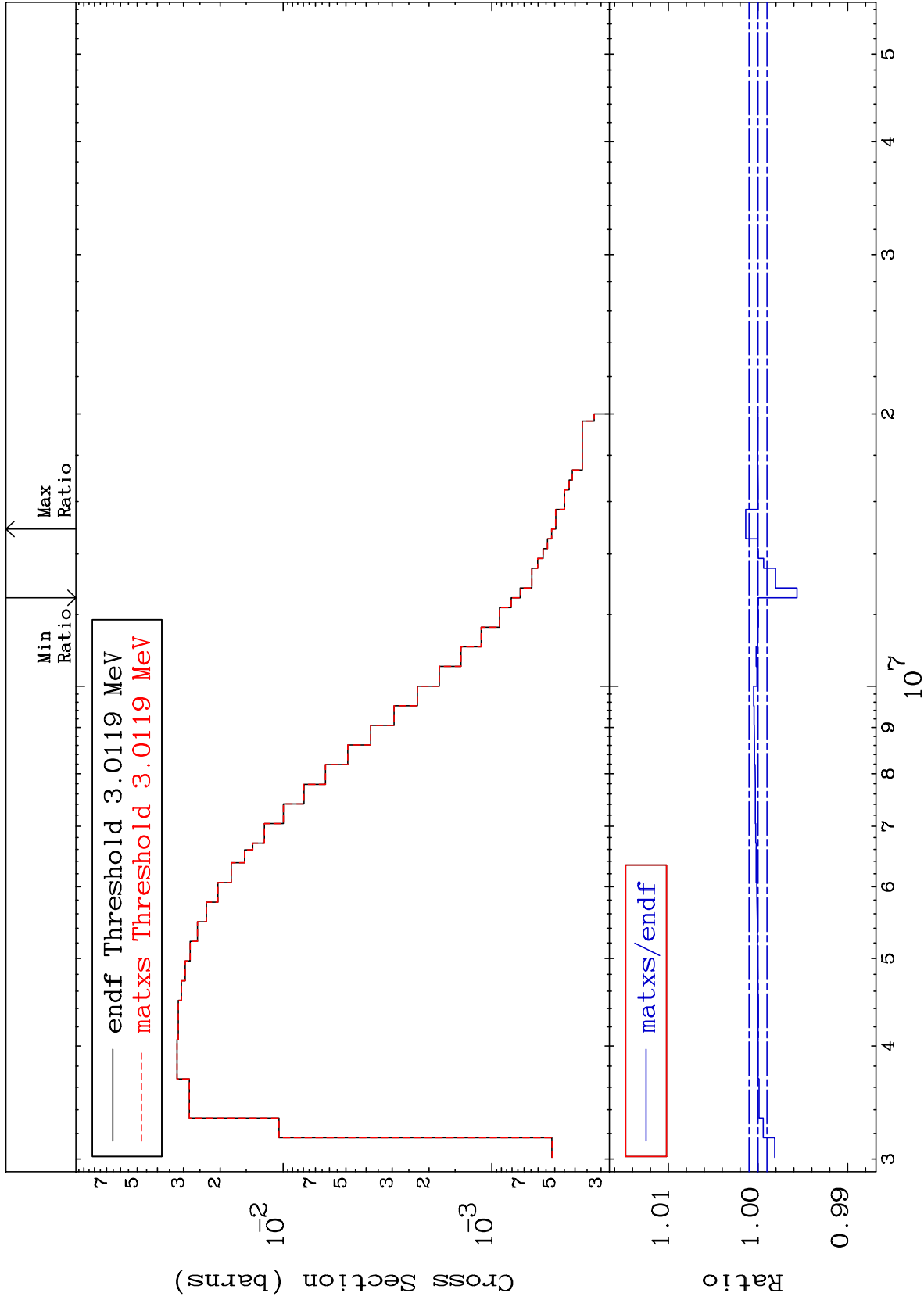
33

20-Ca-43

MAT 2034

3.051 MeV (n,n') Level
Cross Section

20-Ca-43
-0.434 To 0.138 %



34

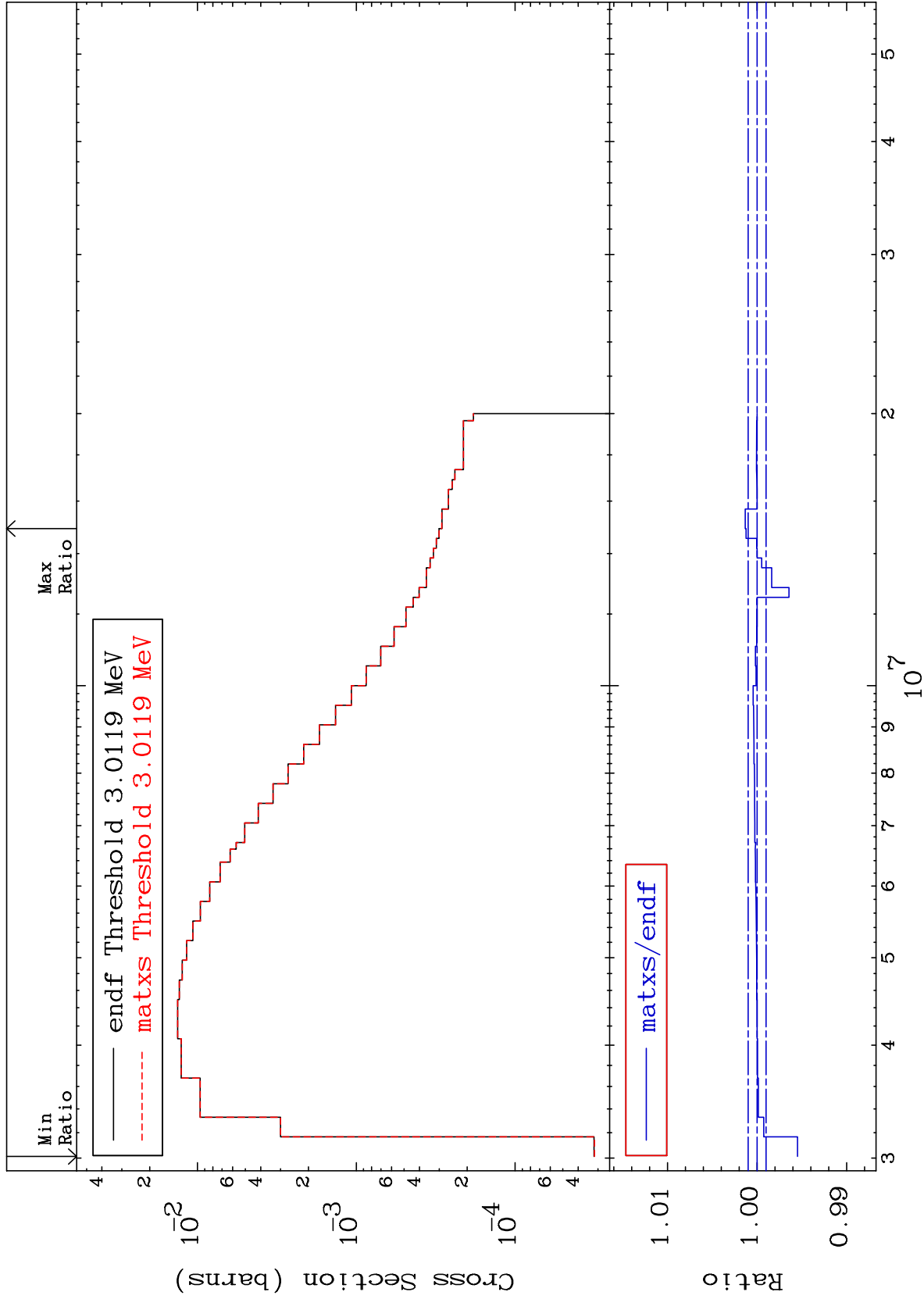
Incident Energy (eV)

20-Ca-43

MAT 2034

3.076 MeV (n,n') Level
Cross Section

20-Ca-43
-0.451 To 0.132 %



35

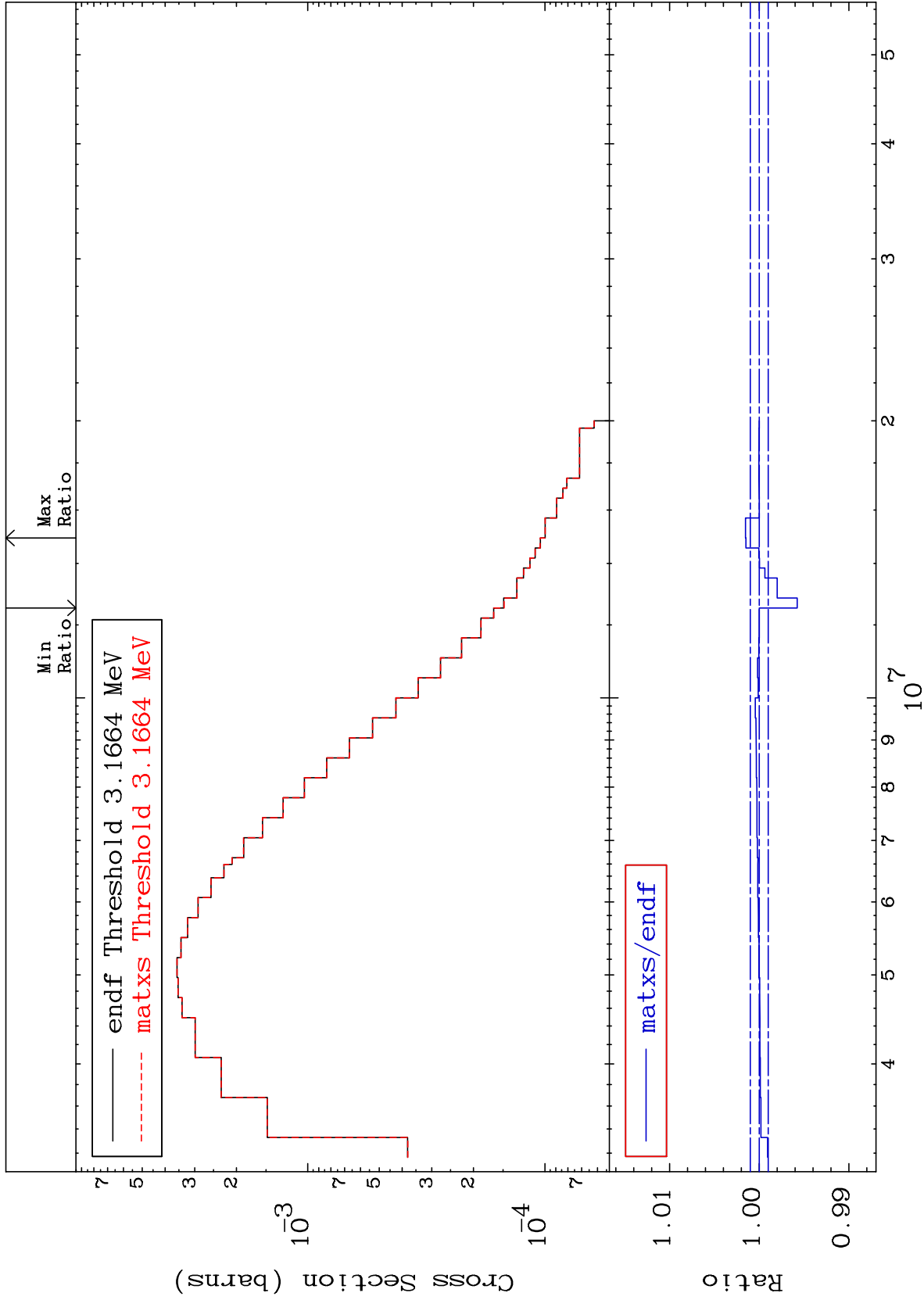
Incident Energy (eV)

20-Ca-43

MAT 2034

3.096 MeV (n,n') Level
Cross Section

20-Ca-43
-0.422 To 0.156 %



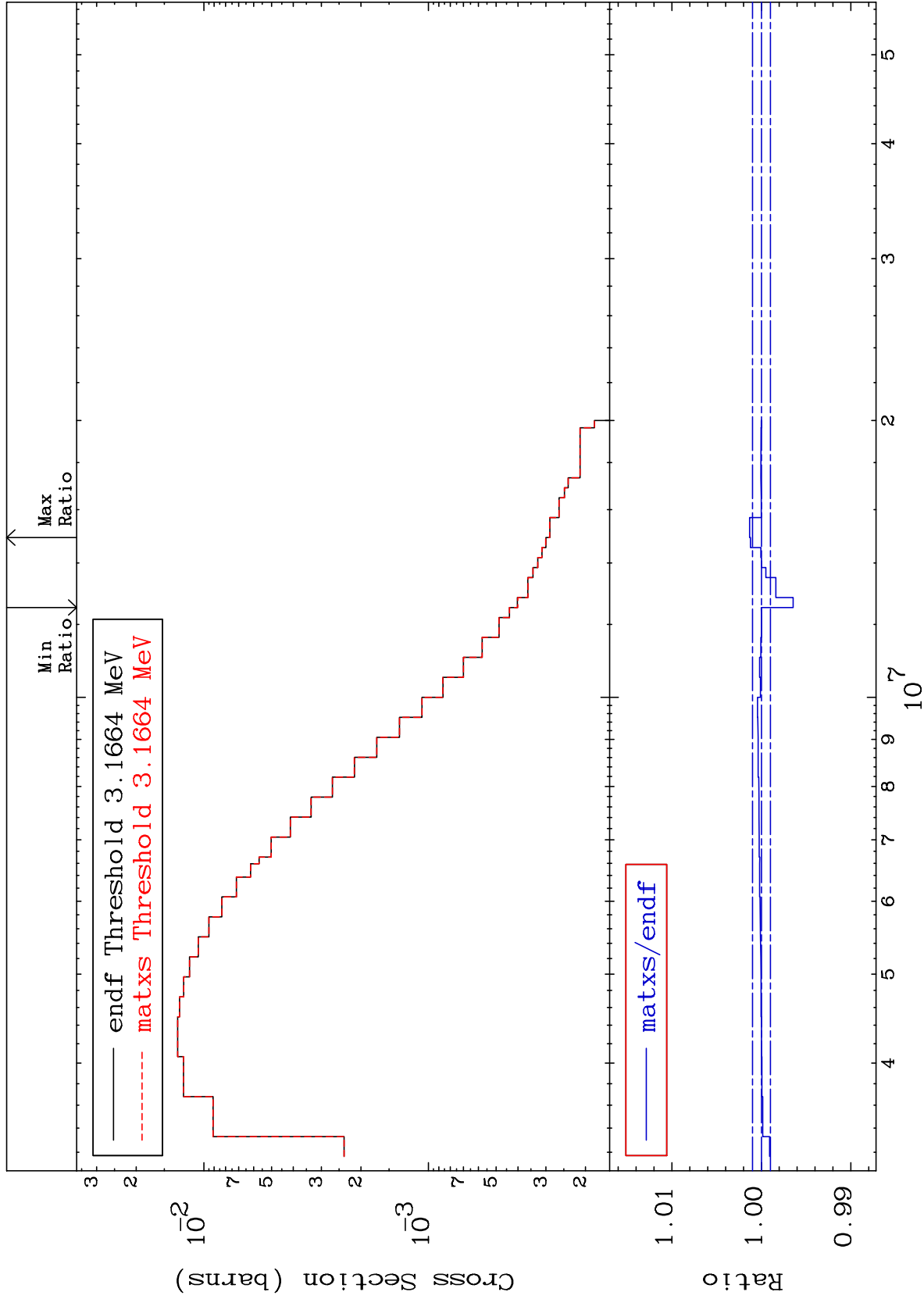
36

20-Ca-43

MAT 2034

3.097 MeV (n,n') Level
Cross Section

20-Ca-43
-0.355 To 0.132 %



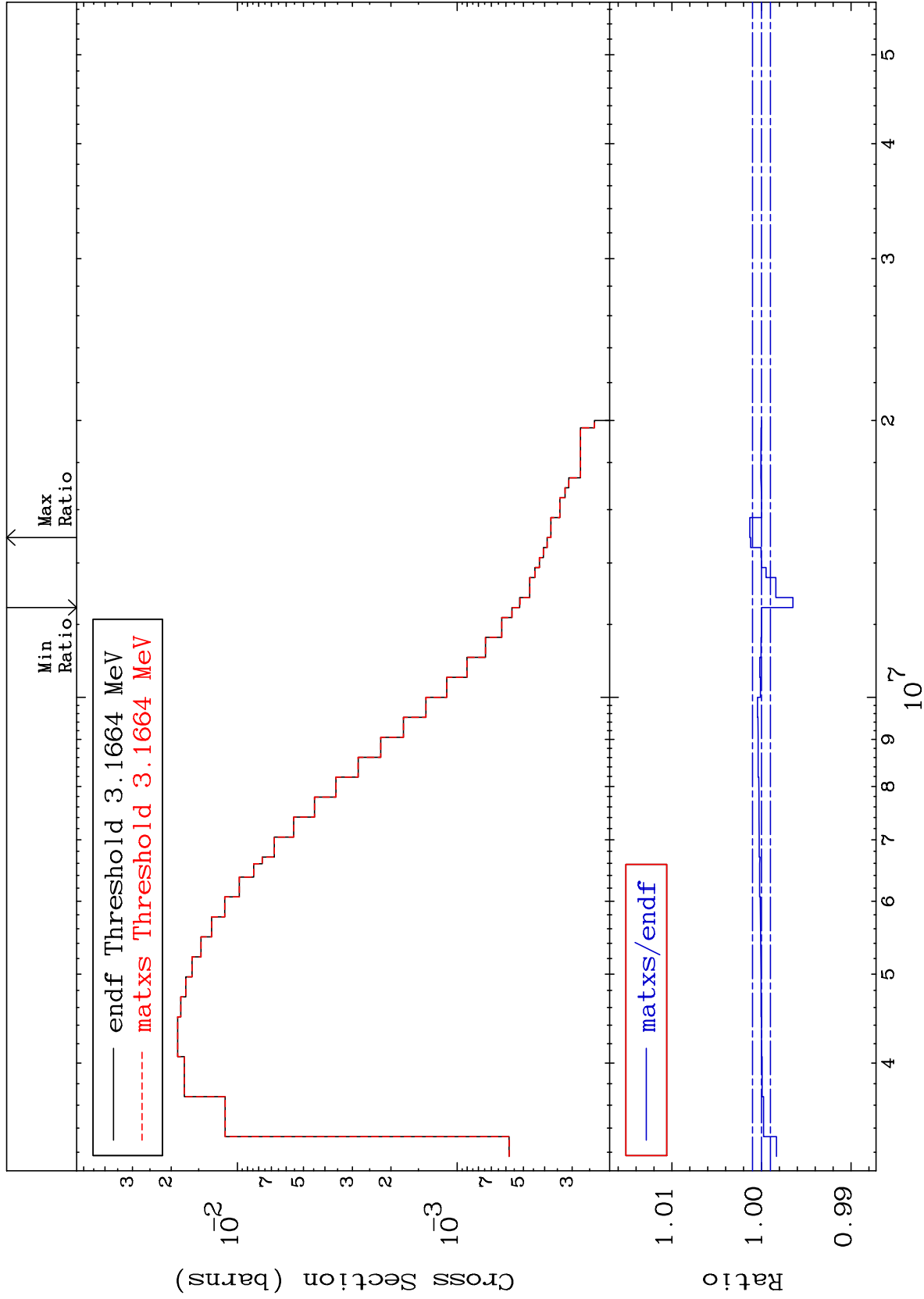
37

20-Ca-43

MAT 2034

3.196 MeV (n,n') Level
Cross Section

20-Ca-43
-0.351 To 0.130 %



38

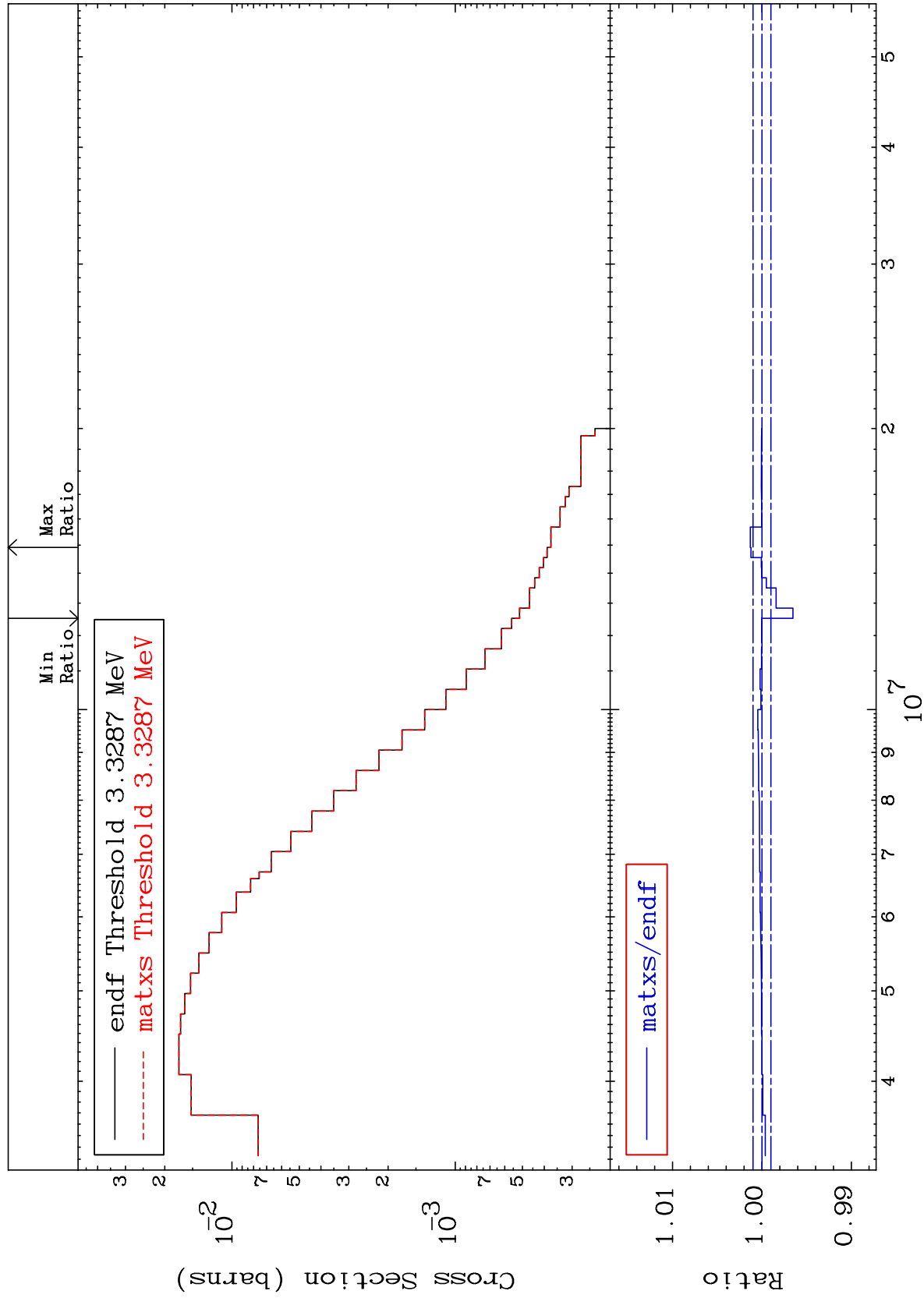
Incident Energy (eV)

20-Ca-43

MAT 2034

3.278 MeV (n,n') Level
Cross Section

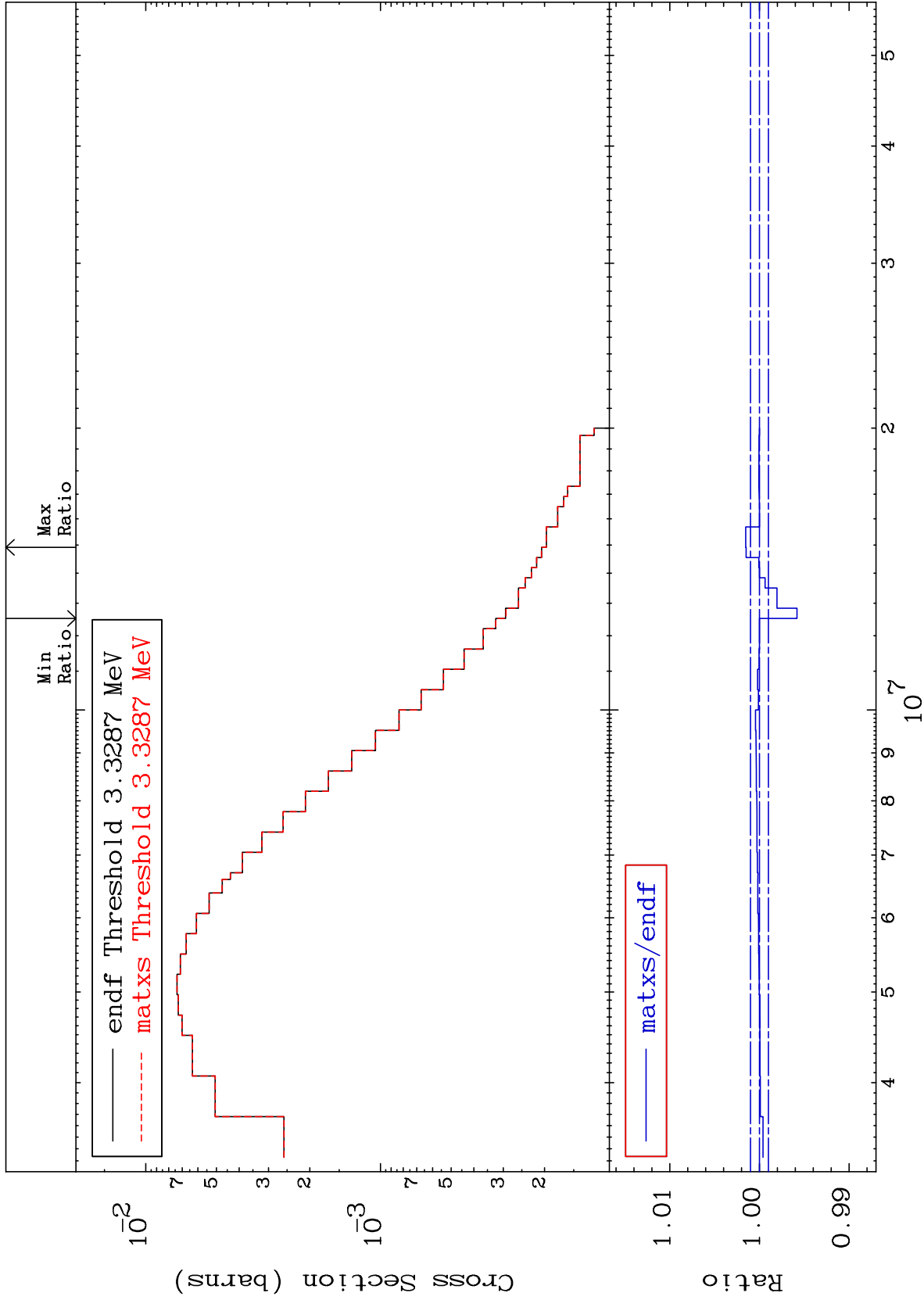
20-Ca-43
-0.348 To 0.130 %



MAT 2034

3.286 MeV (n,n') Level
Cross Section

20-Ca-43
-0.418 To 0.154 %



40

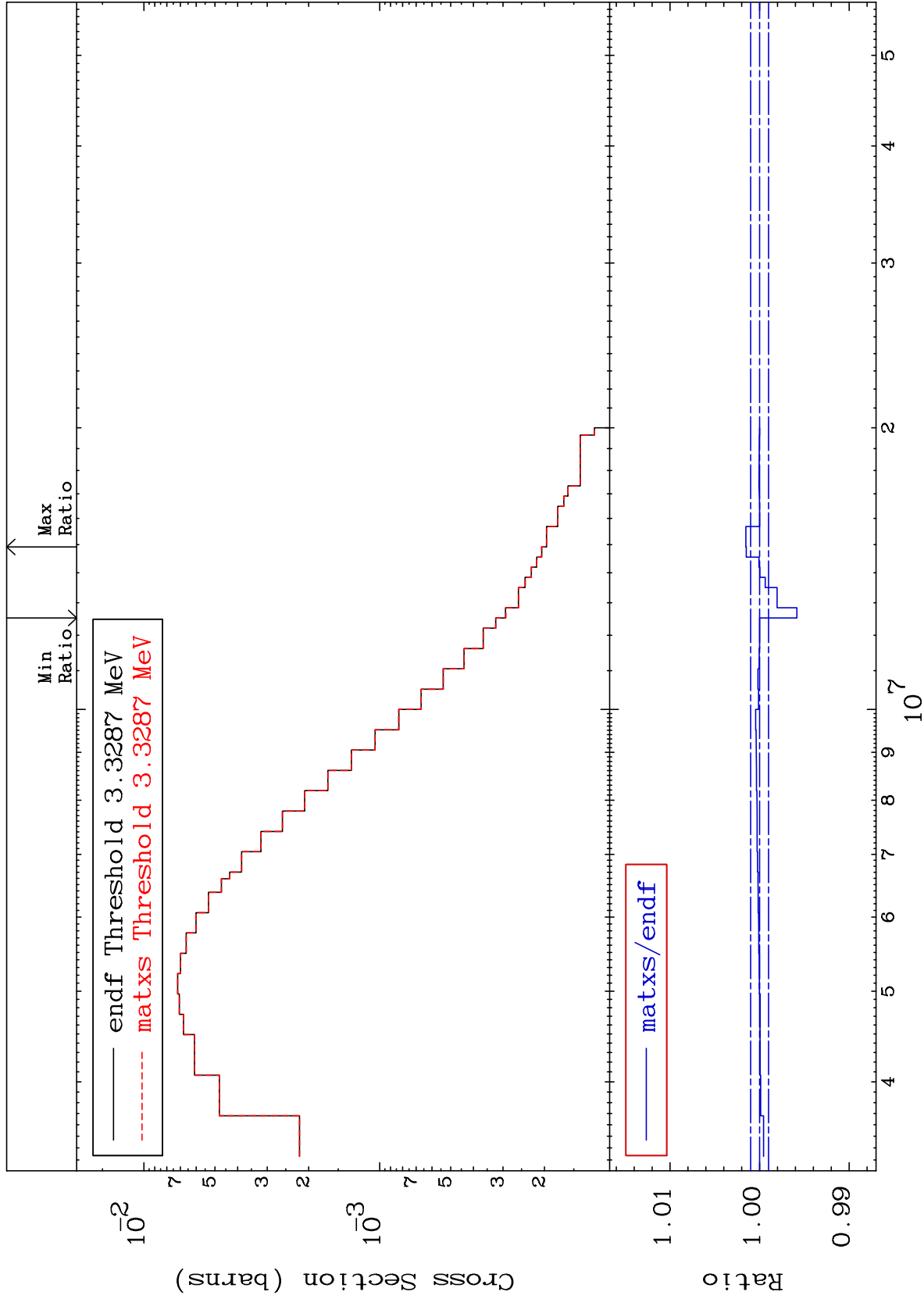
Incident Energy (eV)

20-Ca-43

MAT 2034

3.315 MeV (n,n') Level
Cross Section

20-Ca-43
-0.417 To 0.154 %



41

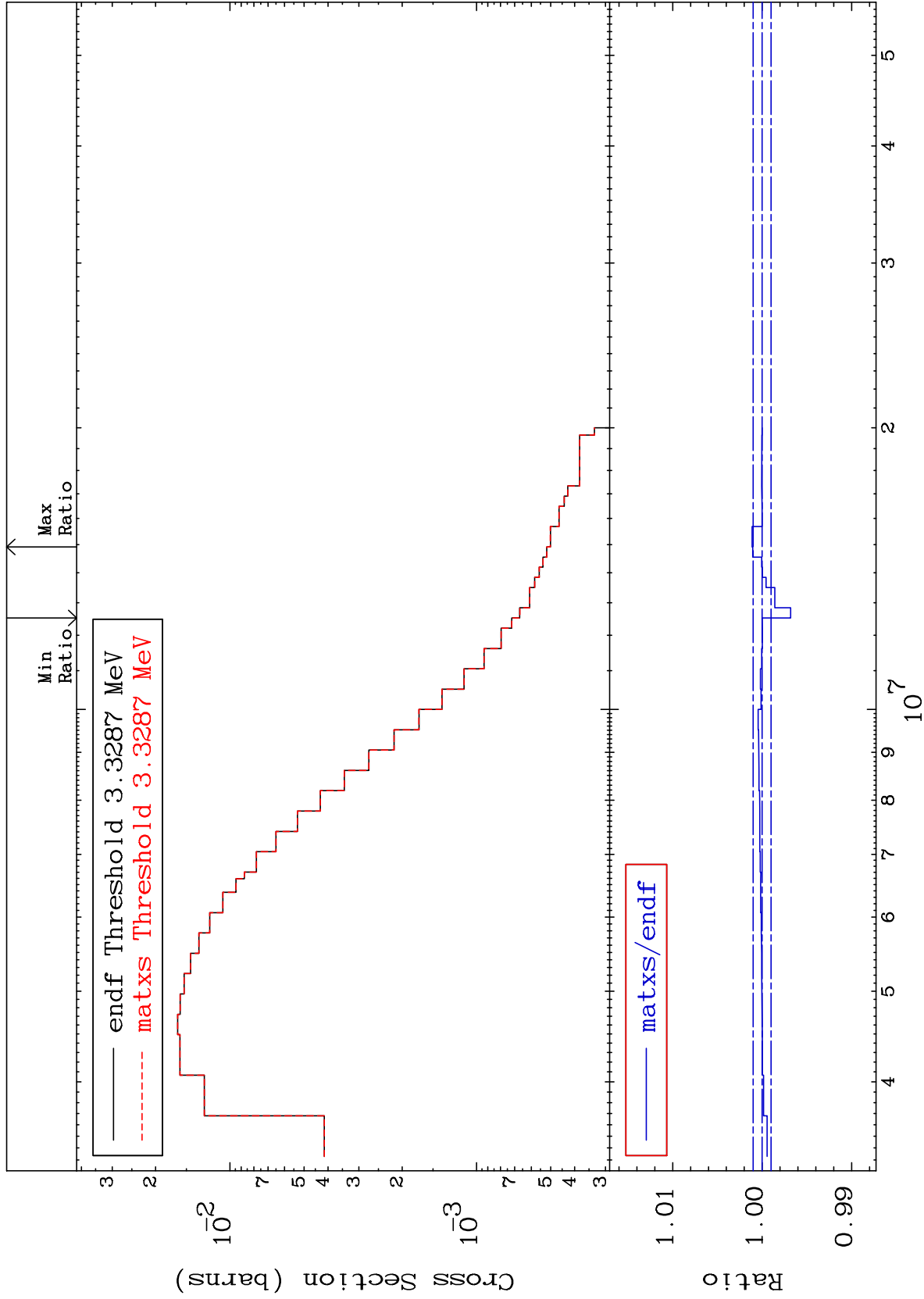
Incident Energy (eV)

20-Ca-43

MAT 2034

3.371 MeV (n,n') Level
Cross Section

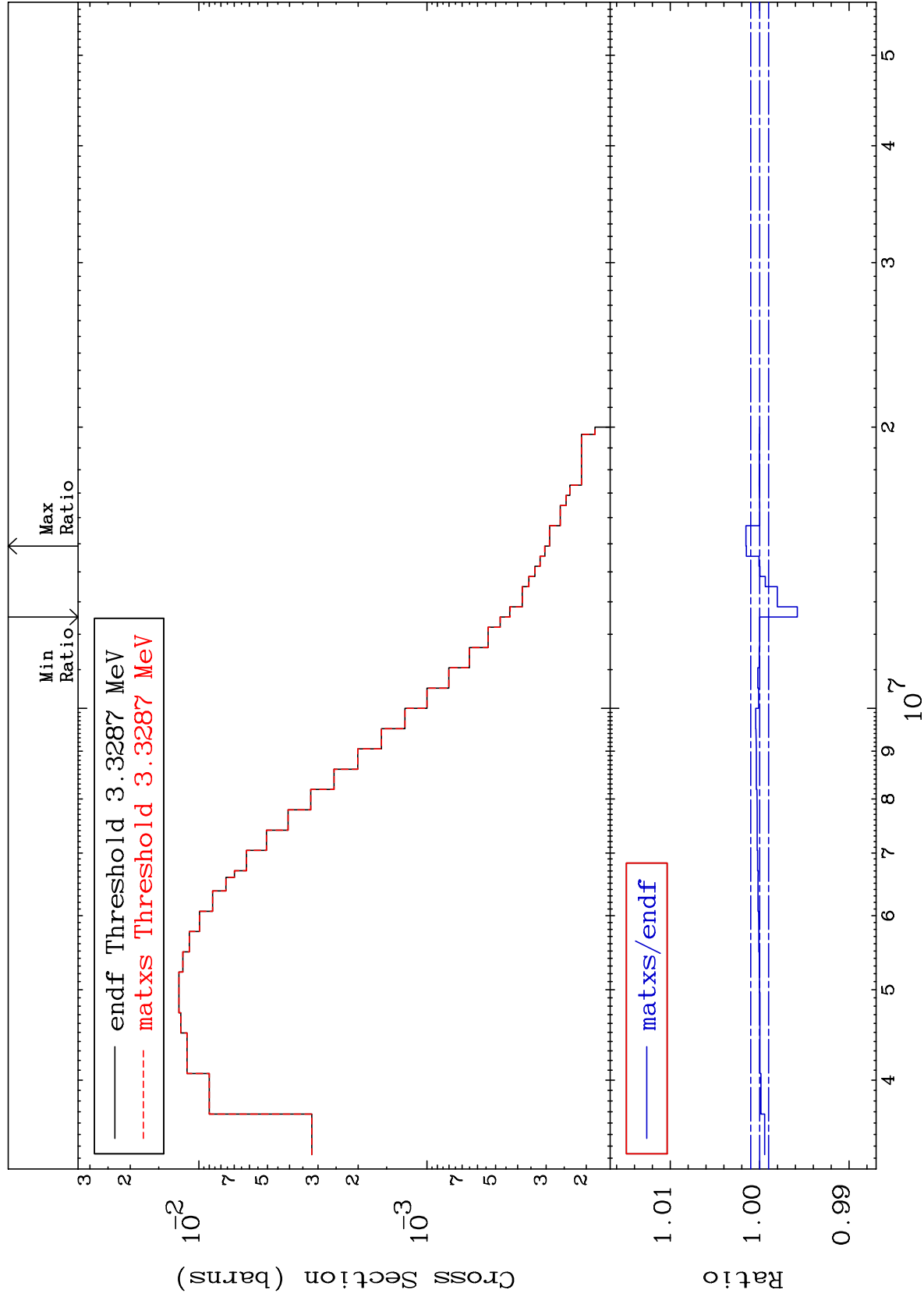
20-Ca-43
-0.317 To 0.112 %



MAT 2034

3.377 MeV (n,n') Level
Cross Section

20-Ca-43
-0.420 To 0.153 %



43

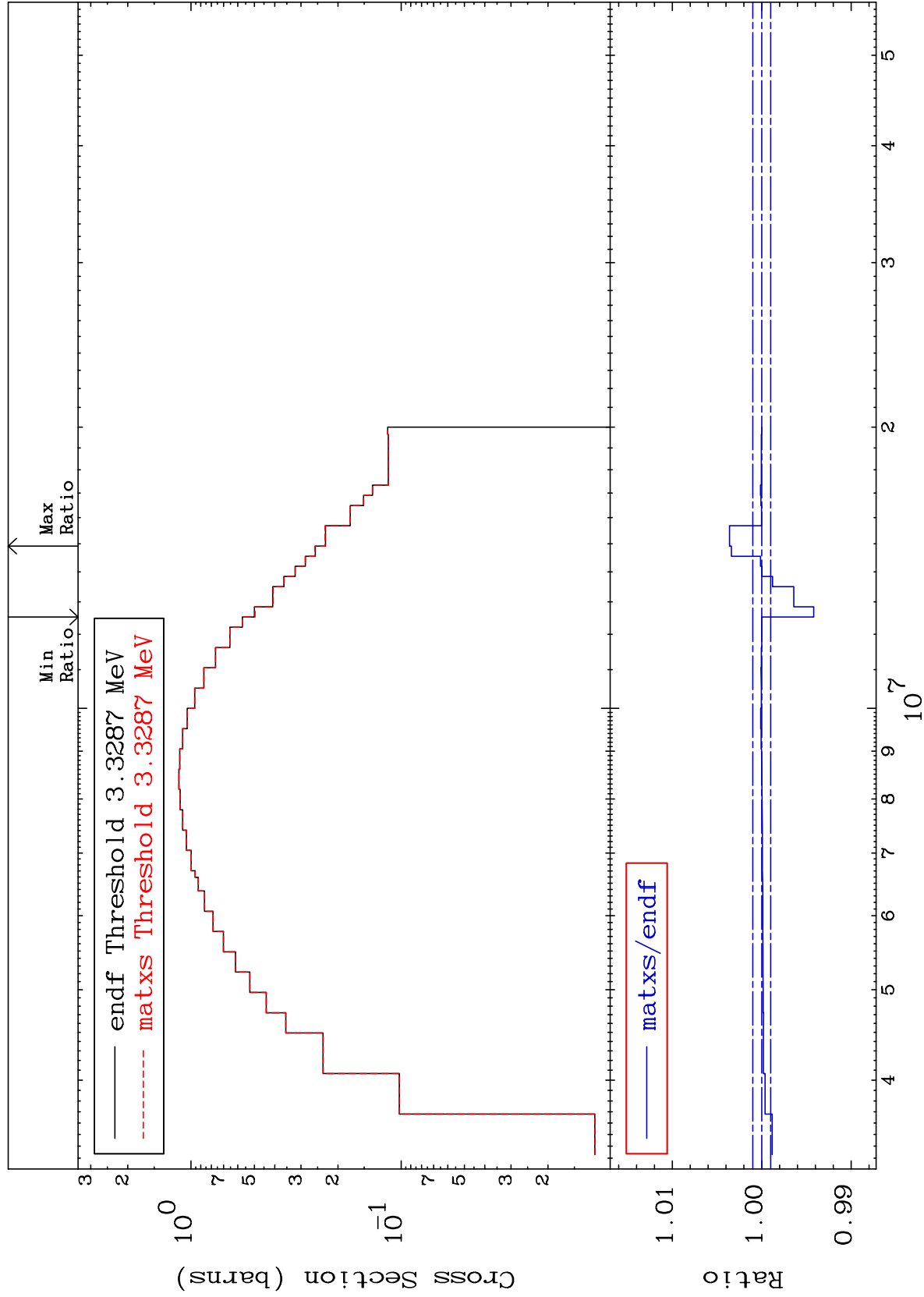
Incident Energy (eV)

20-Ca-43

MAT 2034

(n, n') Continuum
Cross Section

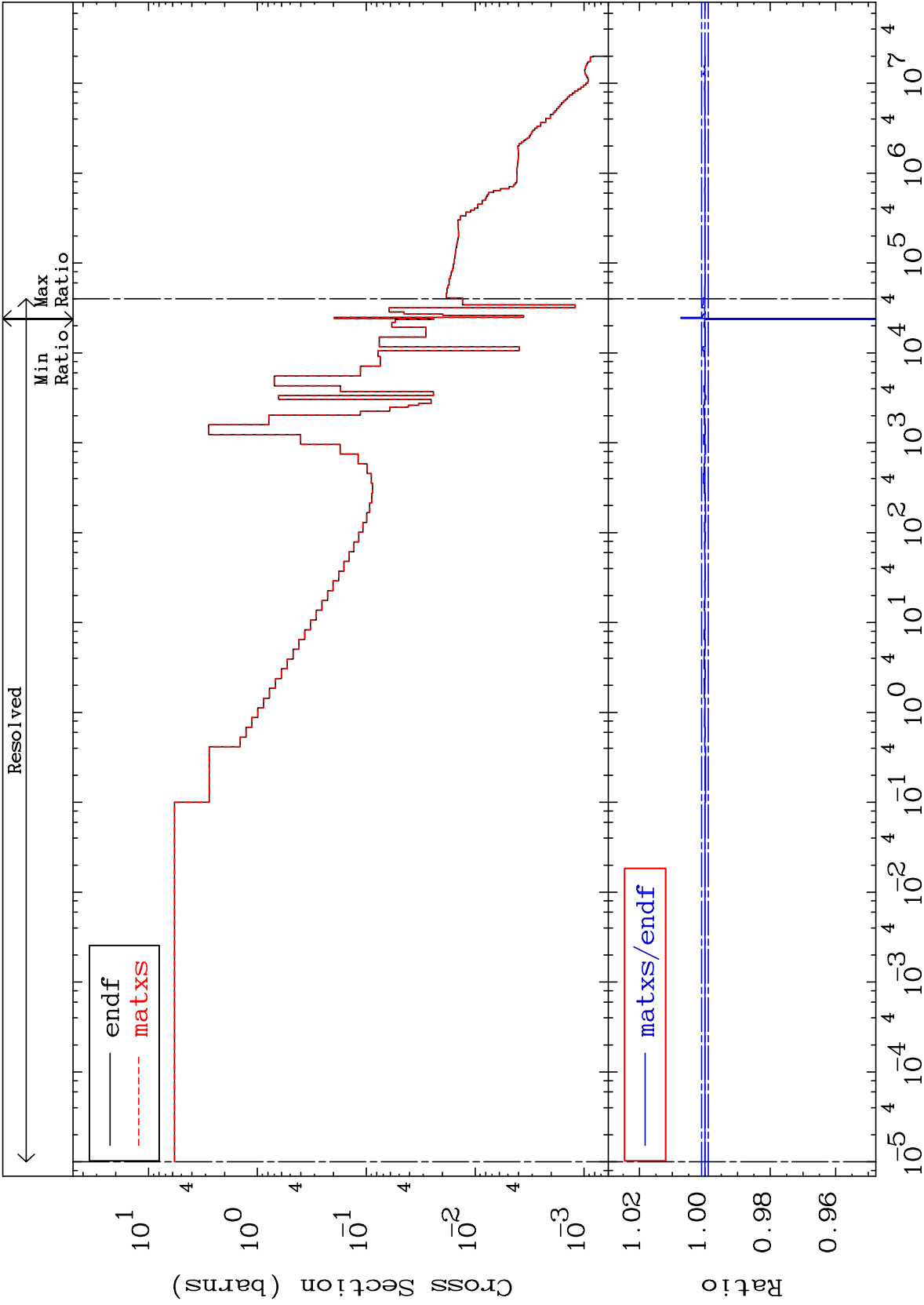
20-Ca-43
-0.582 To 0.361 %



MAT 2034

(n, γ)
Cross Section

20-Ca-43
-5.770 To 0.734 %



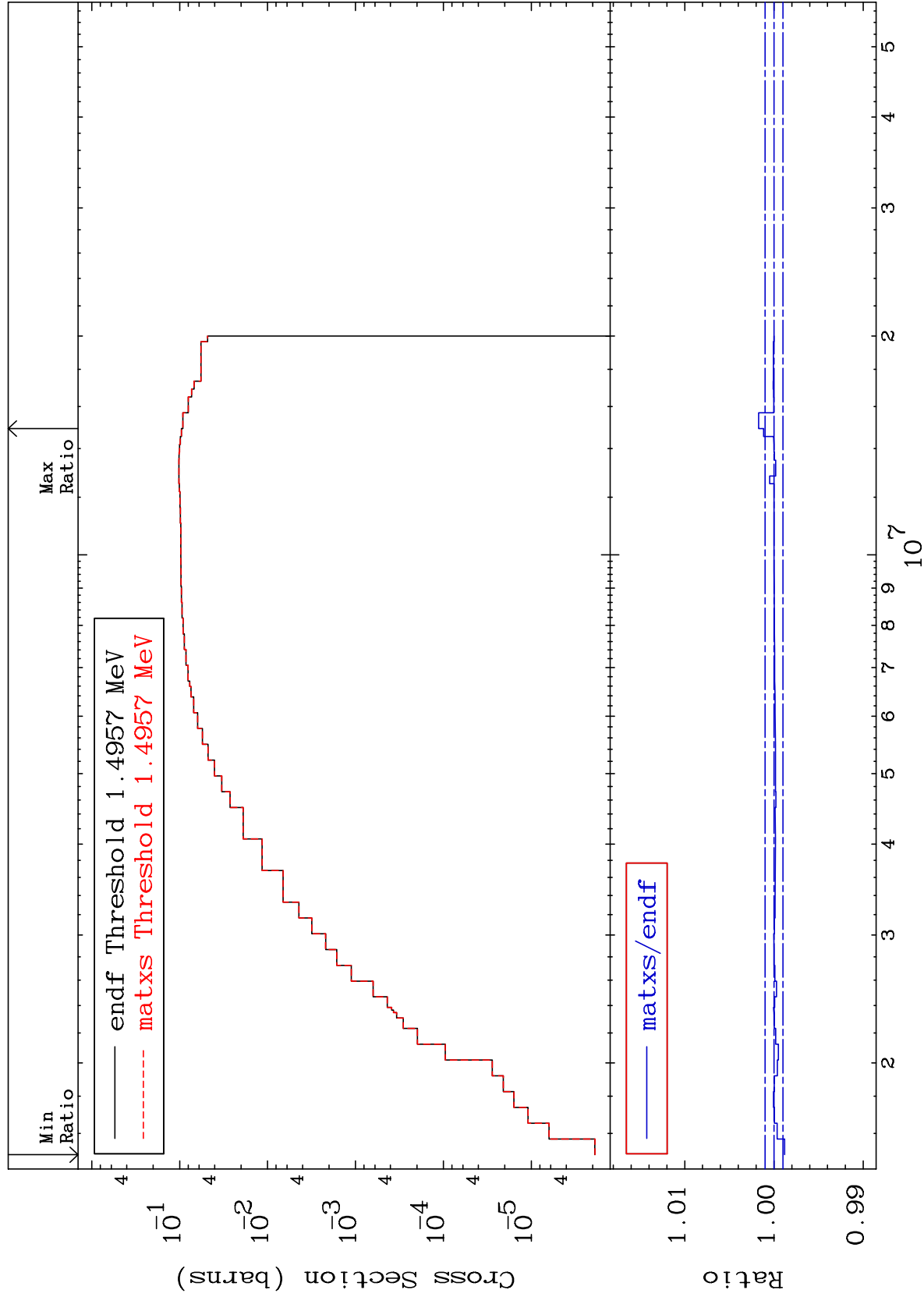
MAT 2034

(n,p)

²⁰Ca-43

Cross Section

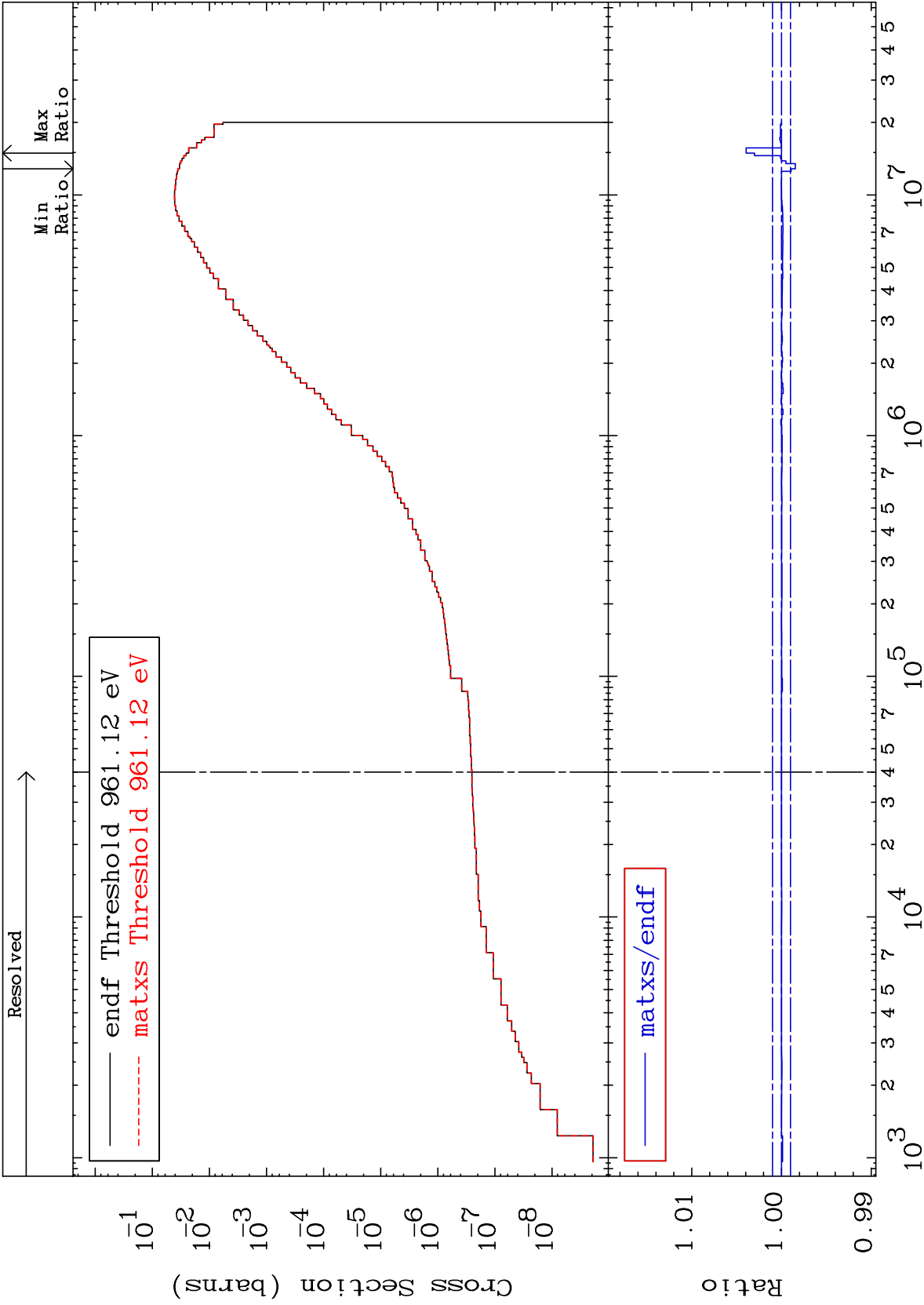
-0.119 To 0.171 %



MAT 2034

(n, α)
Cross Section

20-Ca-43
-0.153 To 0.393 %

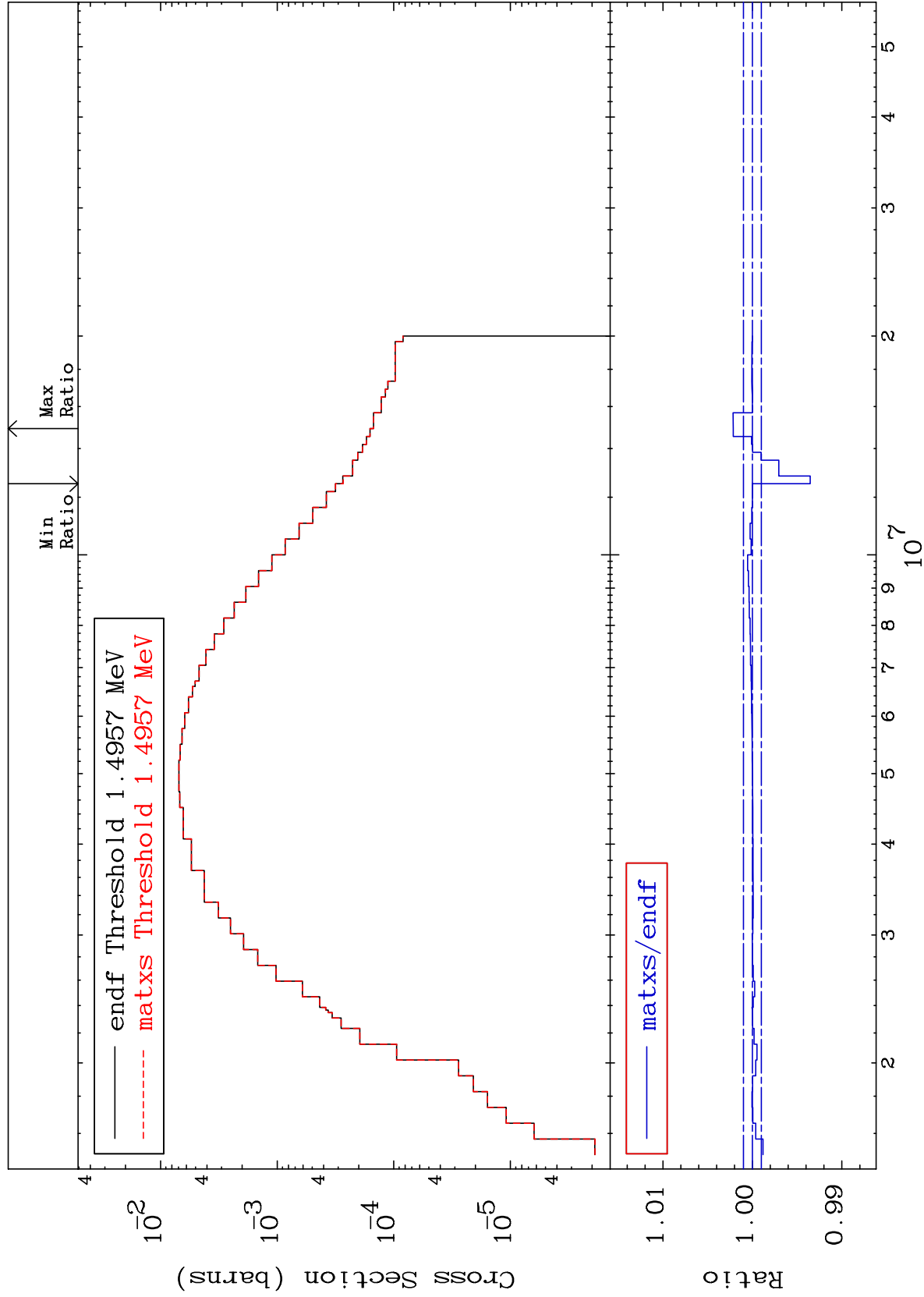


47

MAT 2034

(n, p') Ground
Cross Section

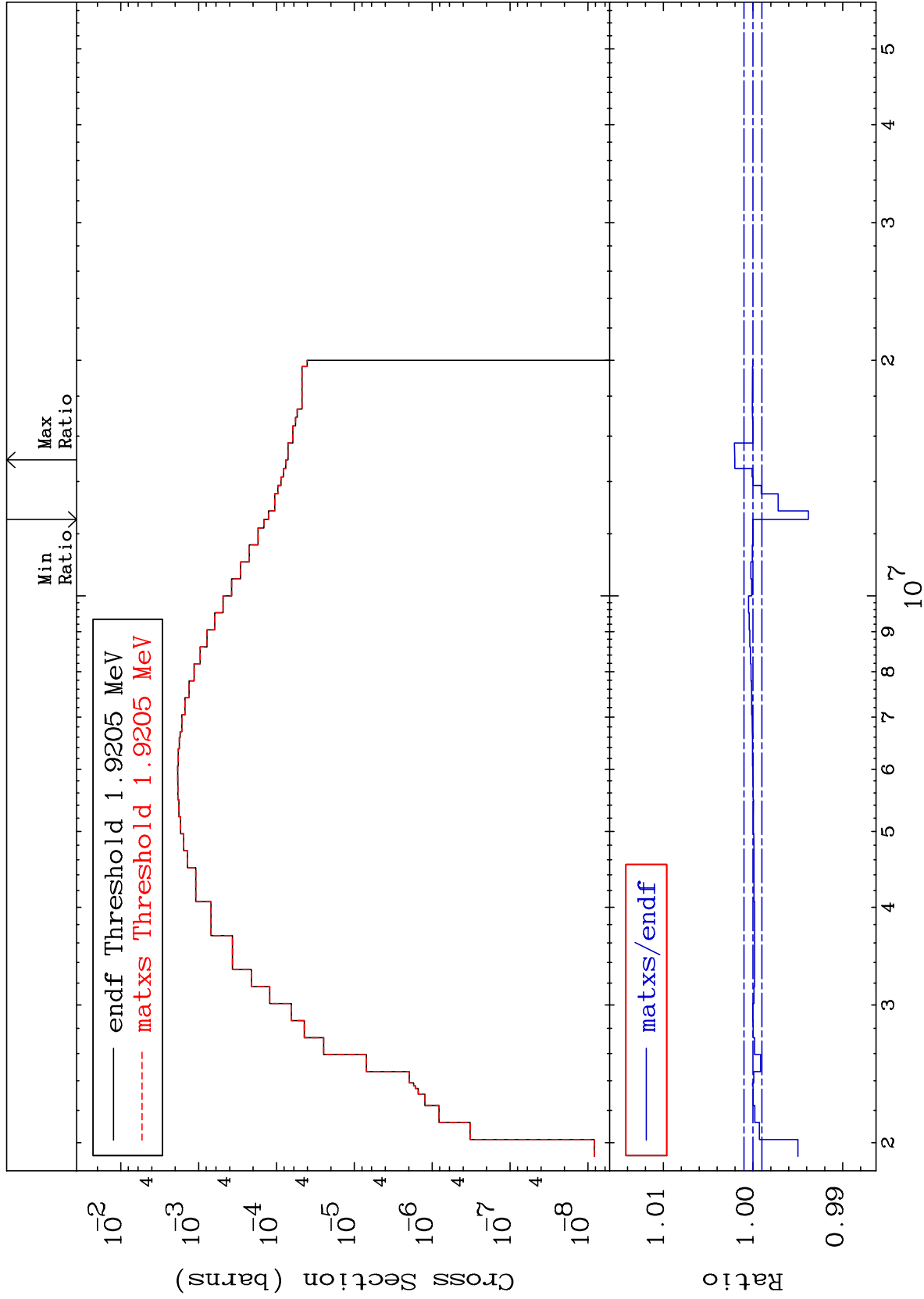
20-Ca-43
-0.647 To 0.217 %



MAT 2034

561.2 keV (n,p') Level
Cross Section

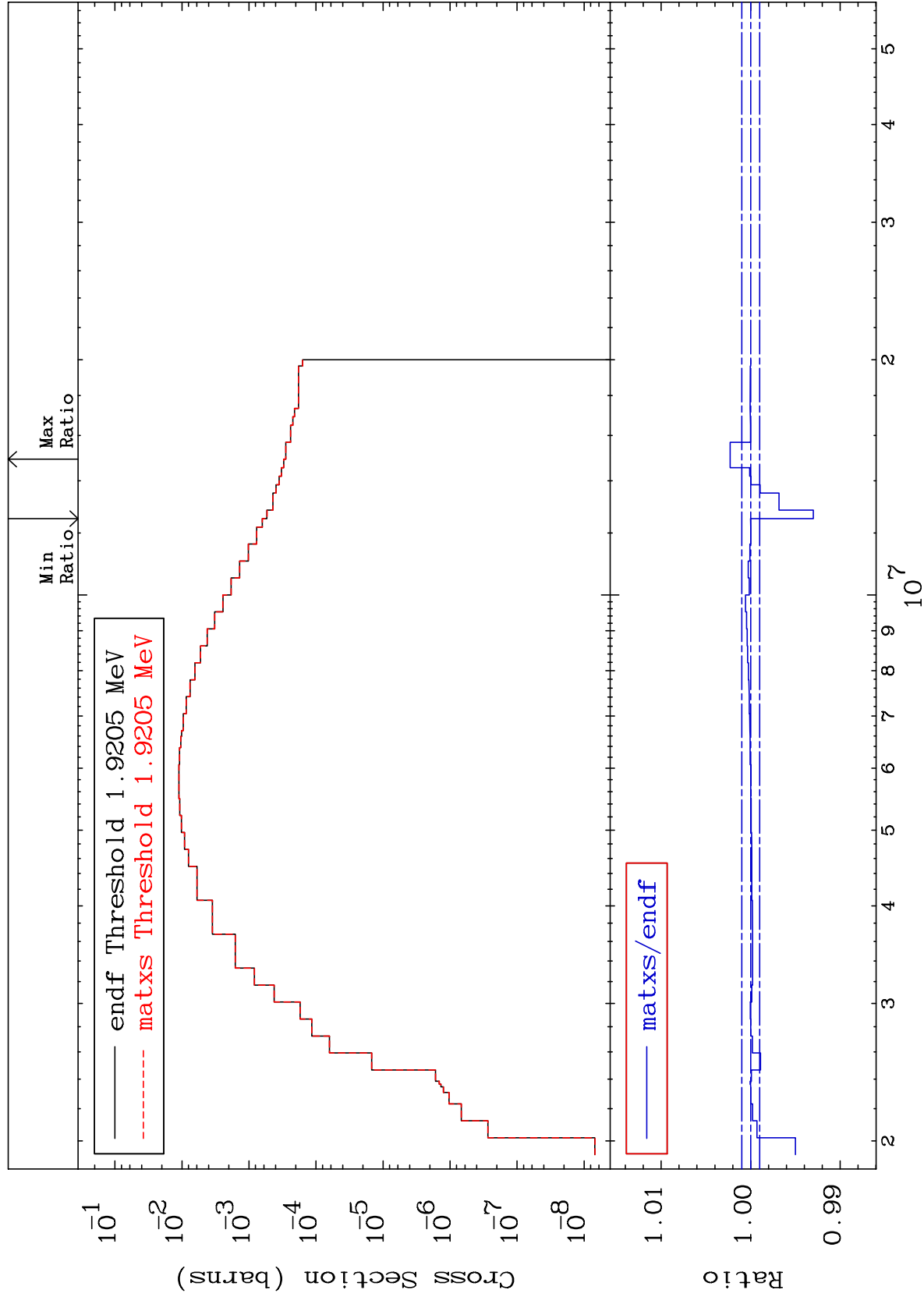
20-Ca-43
-0.617 To 0.207 %



MAT 2034

738.1 keV (n,p') Level
Cross Section

20-Ca-43
-0.699 To 0.230 %



50

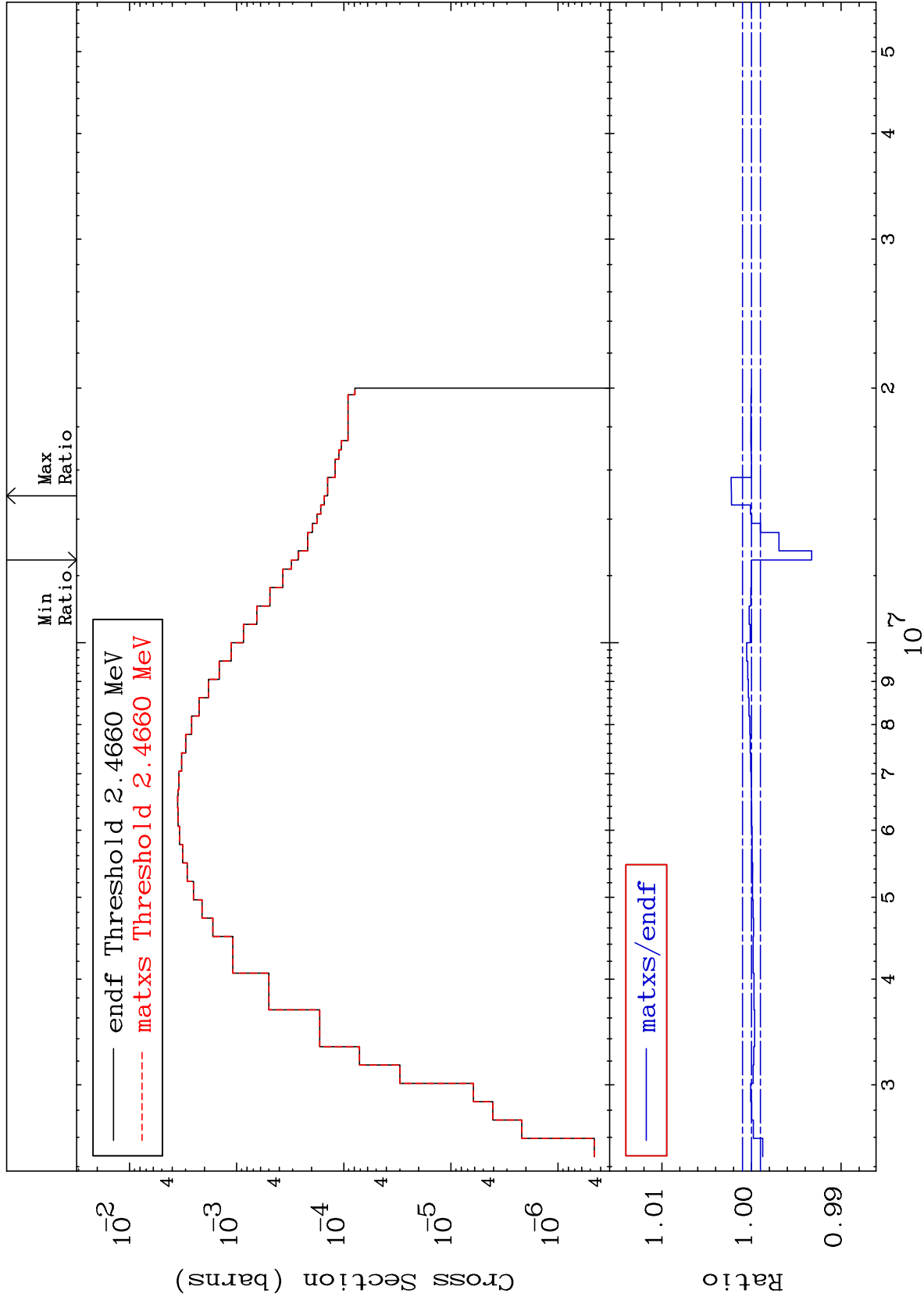
Incident Energy (eV)

20-Ca-43

MAT 2034

975.0 keV (n,p') Level
Cross Section

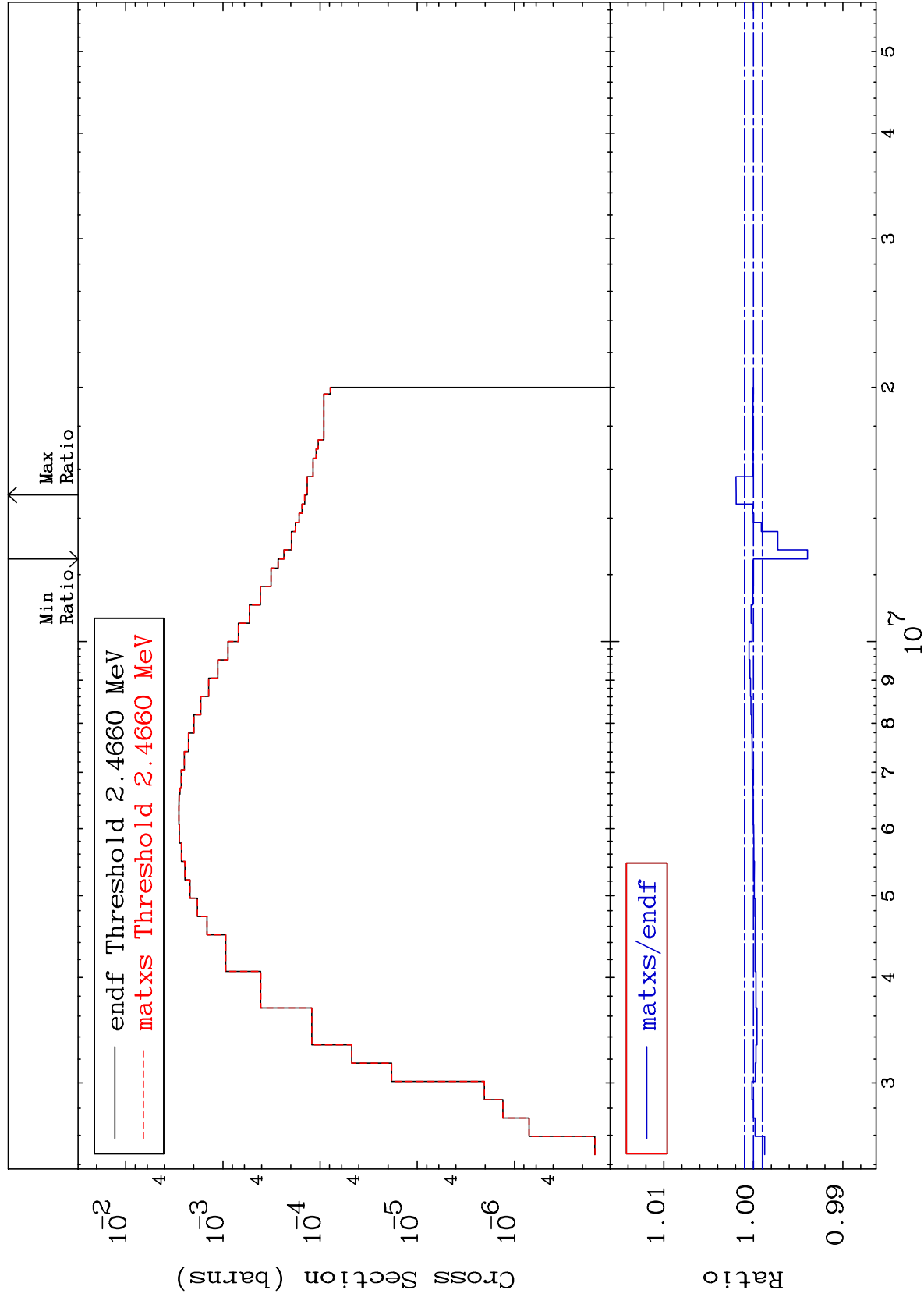
20-Ca-43
-0.671 To 0.227 %



MAT 2034

1.110 MeV (n,p') Level
Cross Section

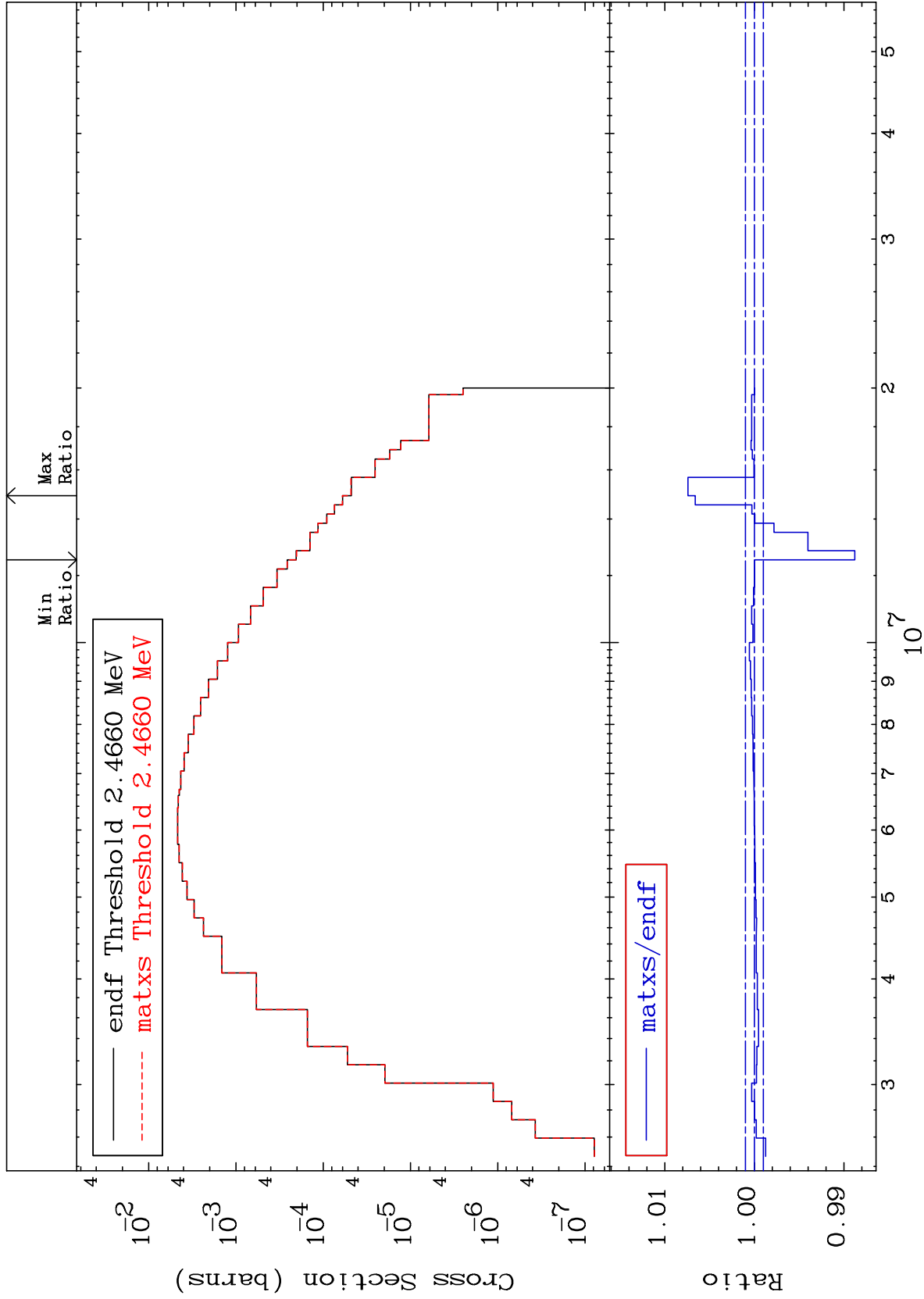
20-Ca-43
-0.604 To 0.196 %



MAT 2034

1.207 MeV (n,p') Level
Cross Section

20-Ca-43
-1.121 To 0.743 %



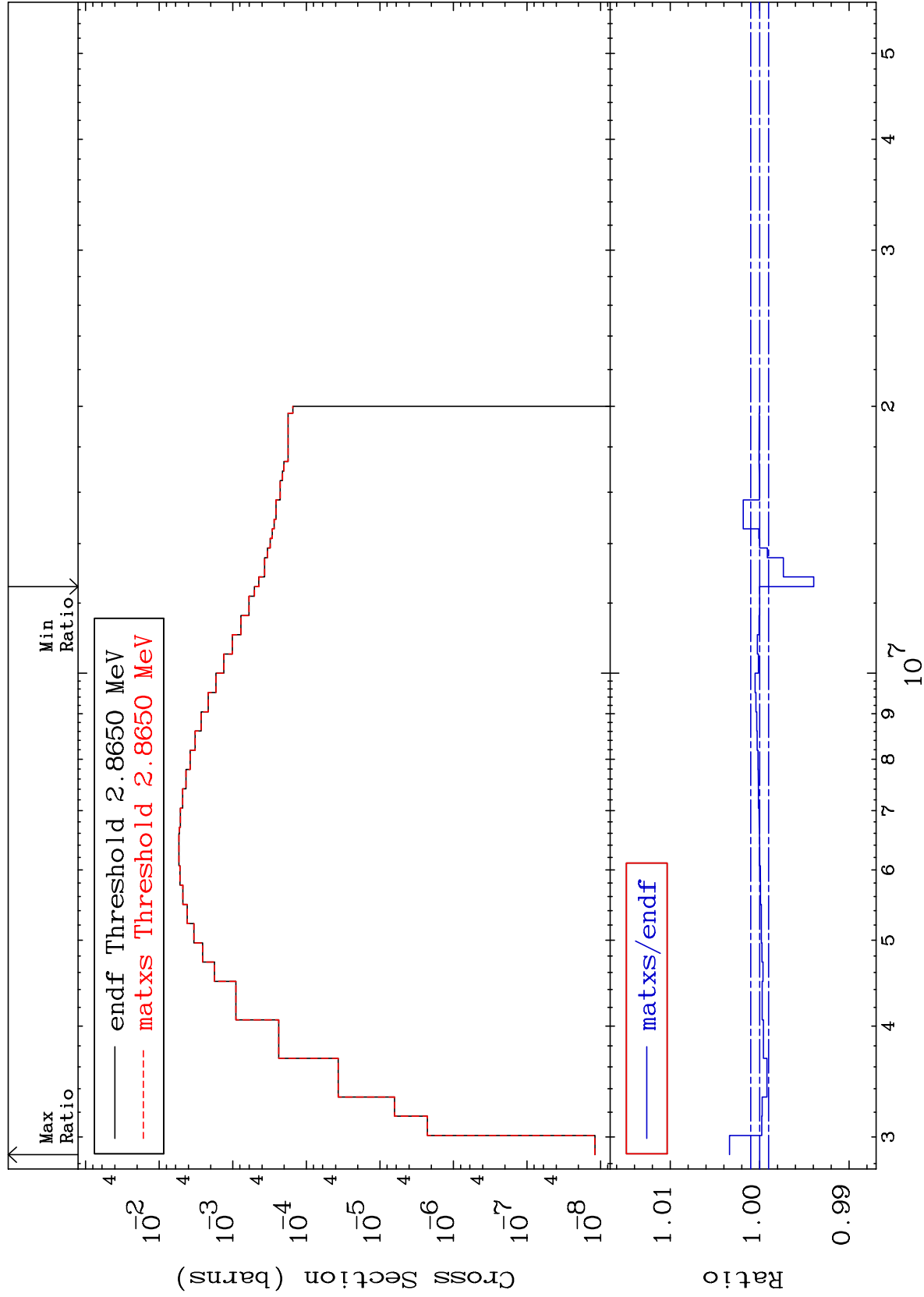
53

20-Ca-43

MAT 2034

1.510 MeV (n,p') Level
Cross Section

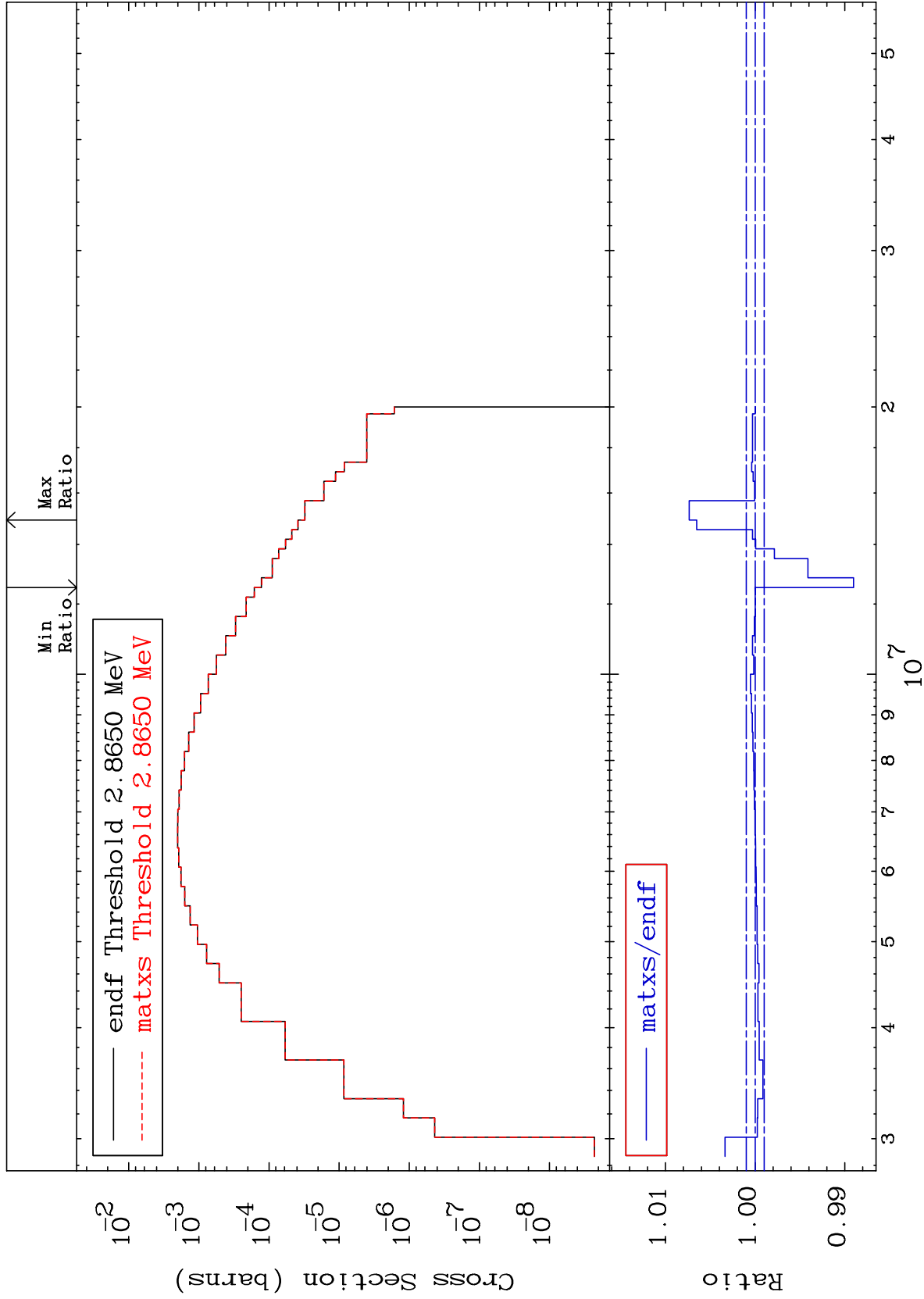
20-Ca-43
-0.606 To 0.336 %



MAT 2034

1.550 MeV (n,p') Level
Cross Section

20-Ca-43
-1.098 To 0.736 %



55

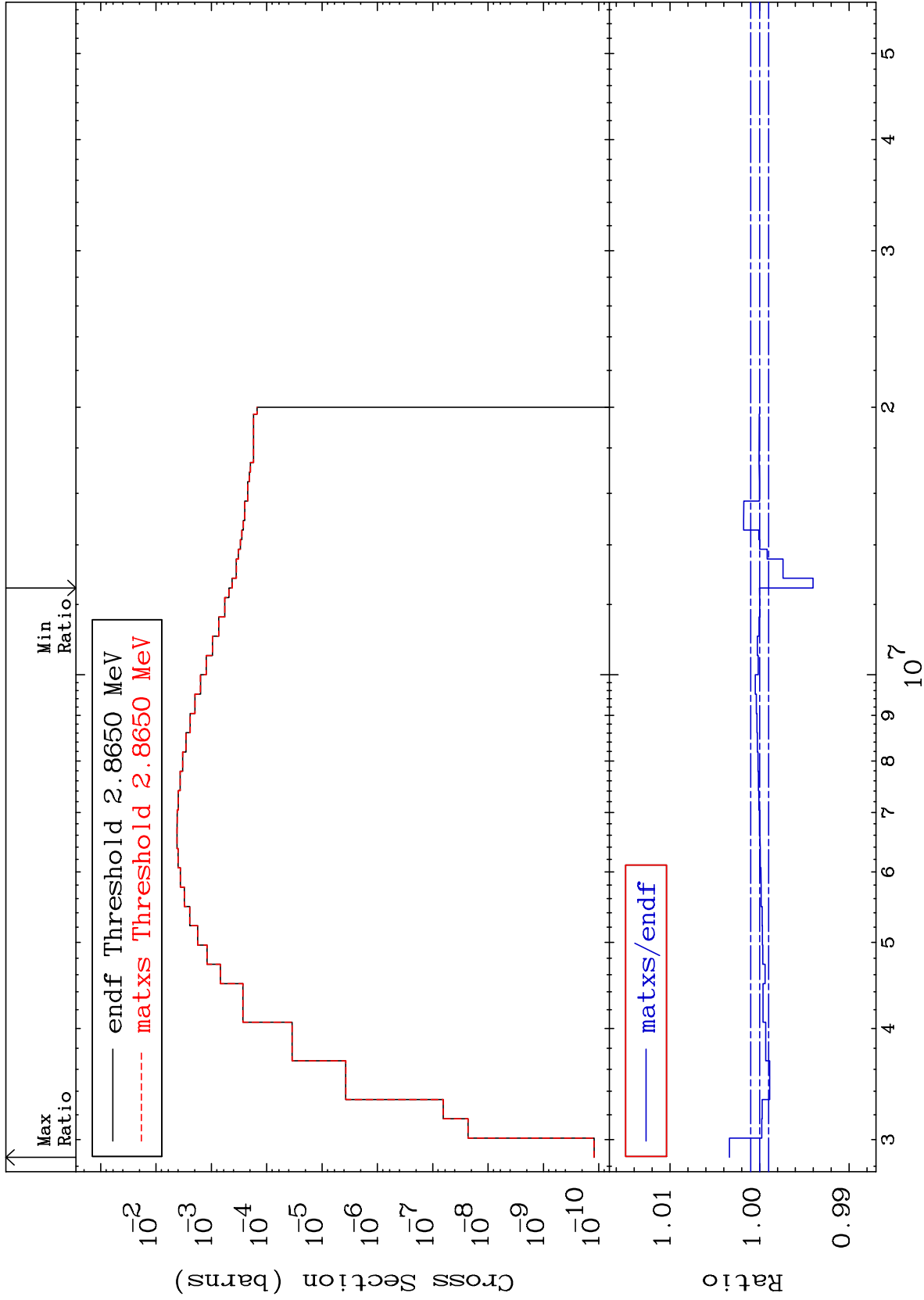
Incident Energy (eV)

20-Ca-43

MAT 2034

1.815 MeV (n,p') Level
Cross Section

20-Ca-43
-0.597 To 0.336 %



56

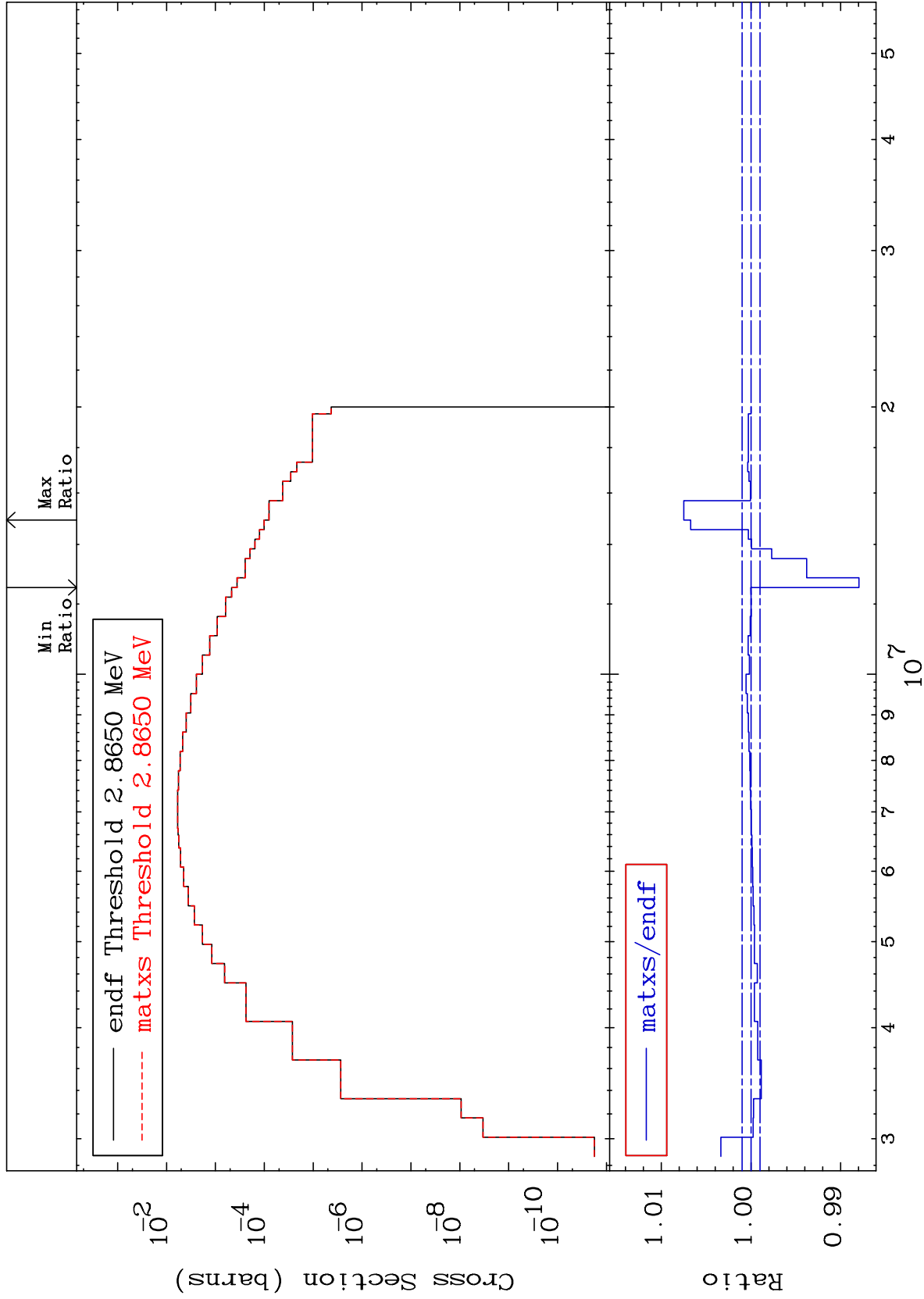
Incident Energy (eV)

20-Ca-43

MAT 2034

1.850 MeV (n,p') Level
Cross Section

20-Ca-43
-1.204 To 0.749 %



57

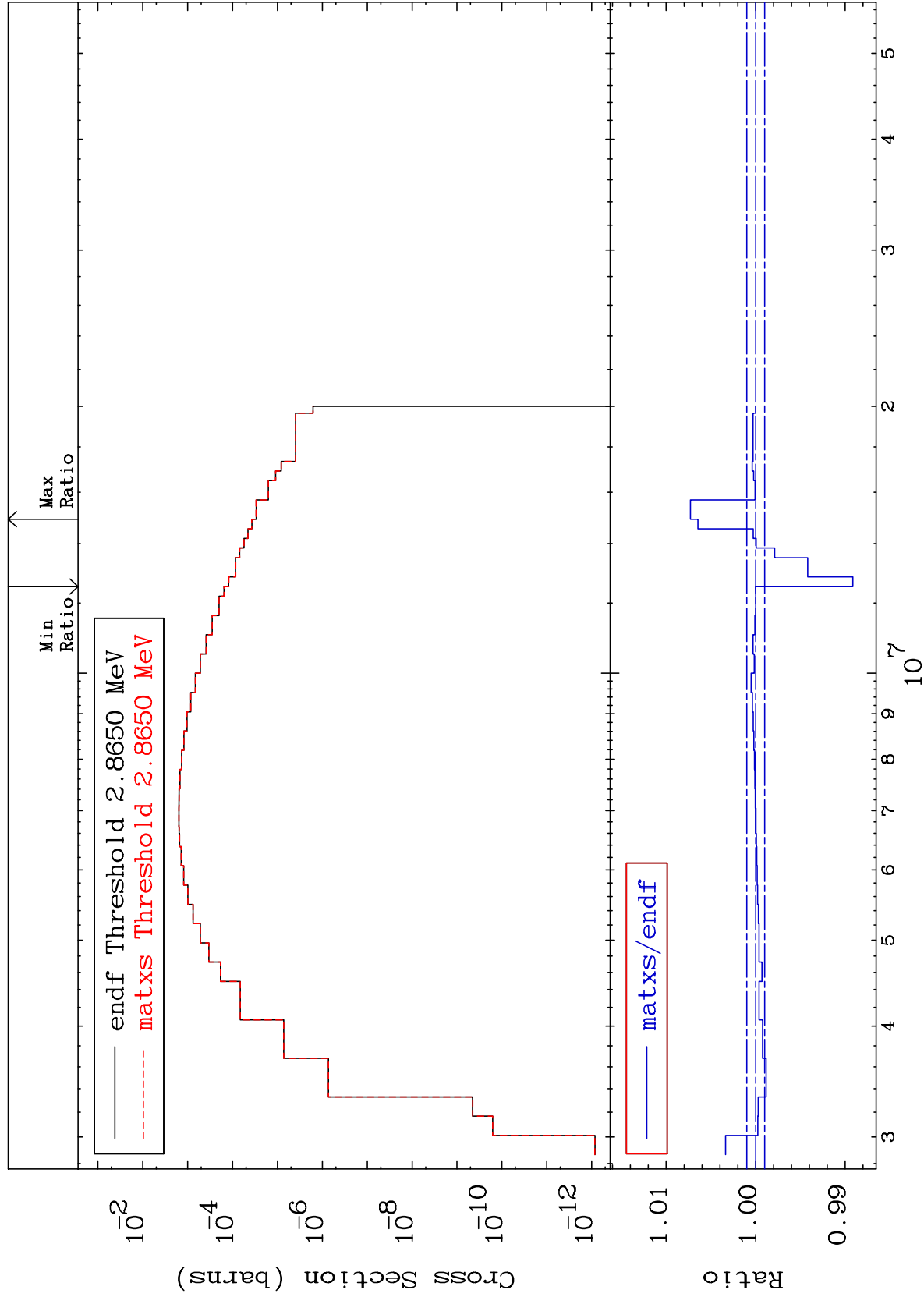
Incident Energy (eV)

20-Ca-43

MAT 2034

1.866 MeV (n,p') Level
Cross Section

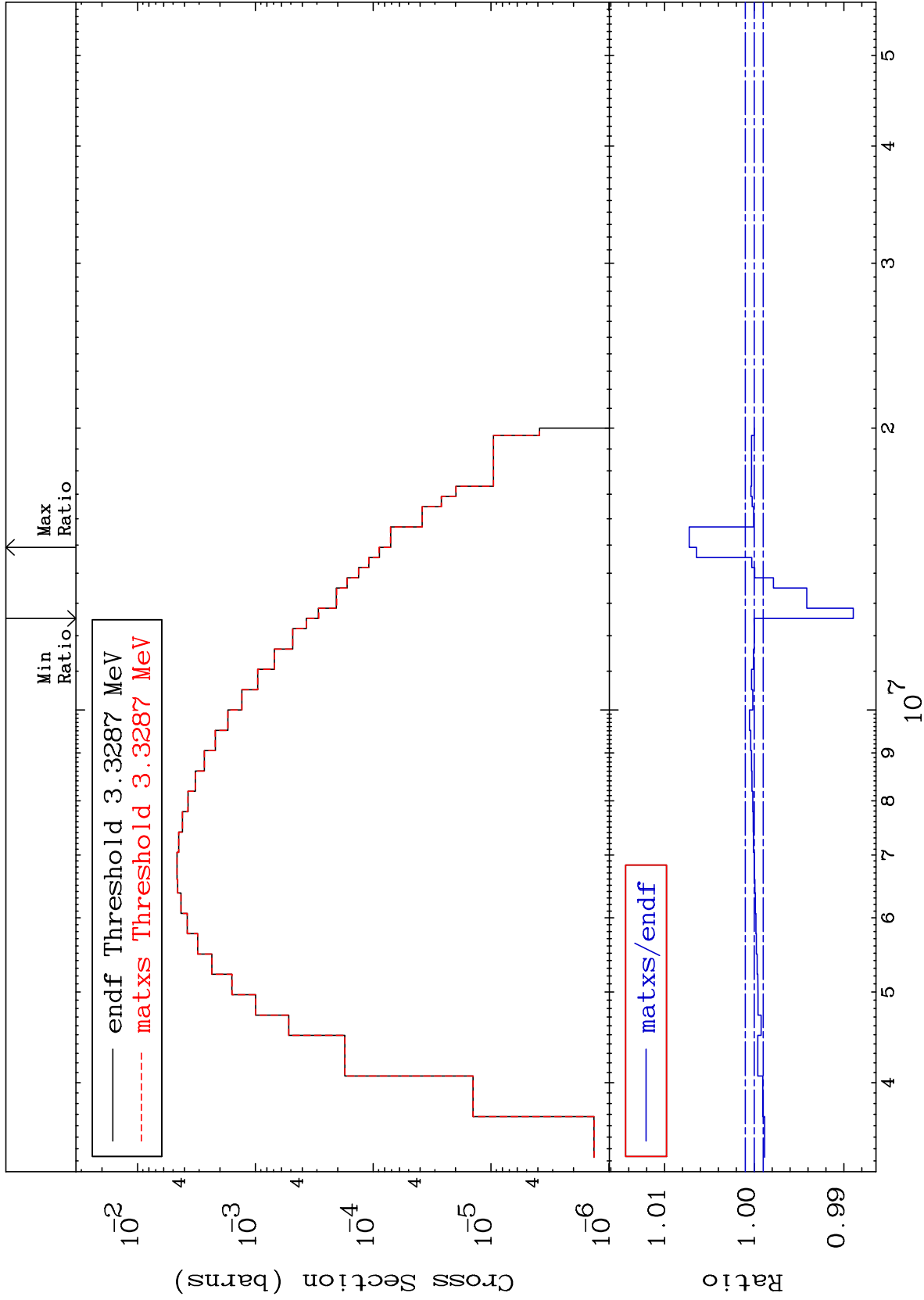
20-Ca-43
-1.087 To 0.729 %



MAT 2034

1.956 MeV (n,p') Level
Cross Section

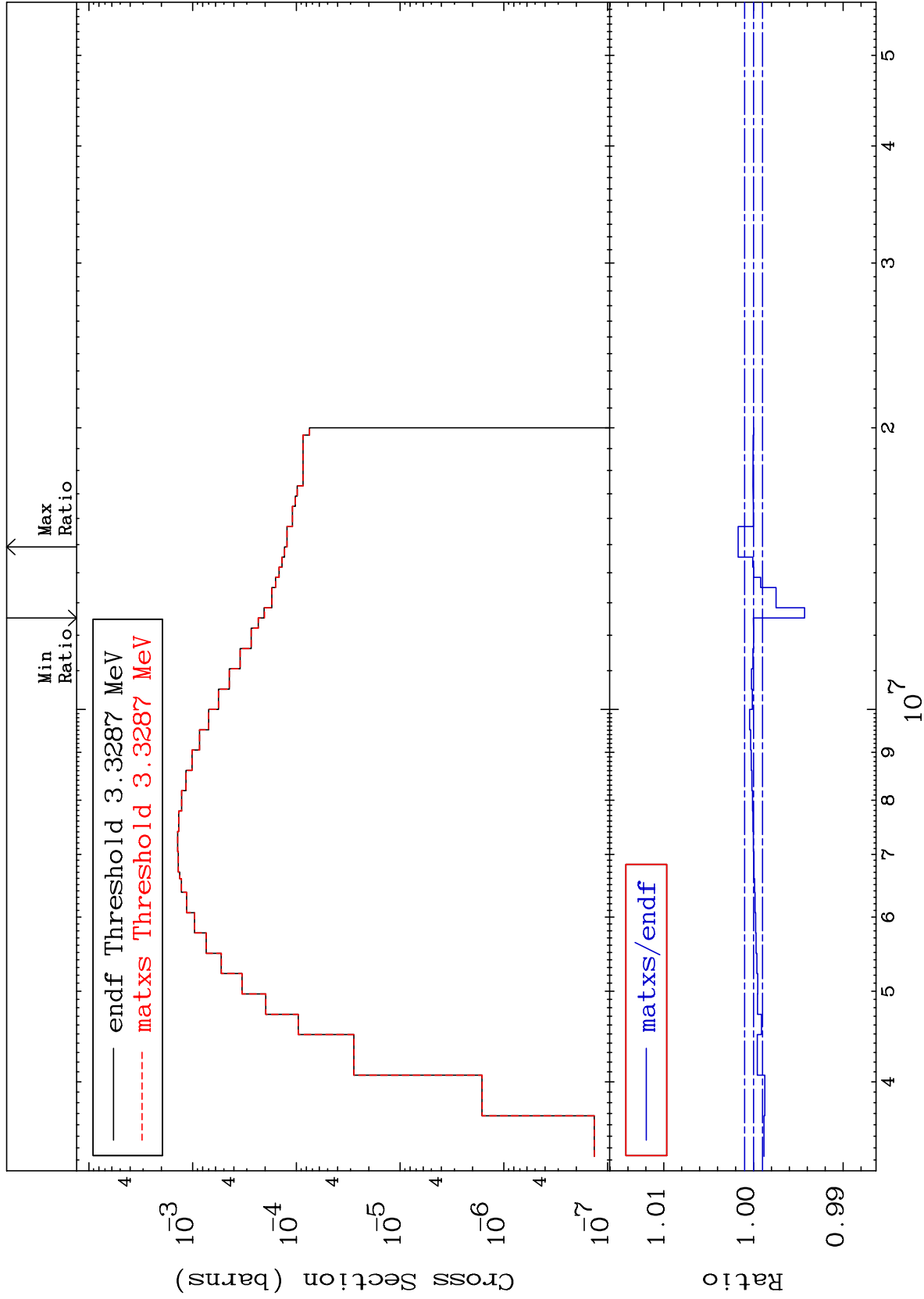
20-Ca-43
-1.104 To 0.724 %



MAT 2034

2.035 MeV (n,p') Level
Cross Section

20-Ca-43
-0.571 To 0.171 %



60

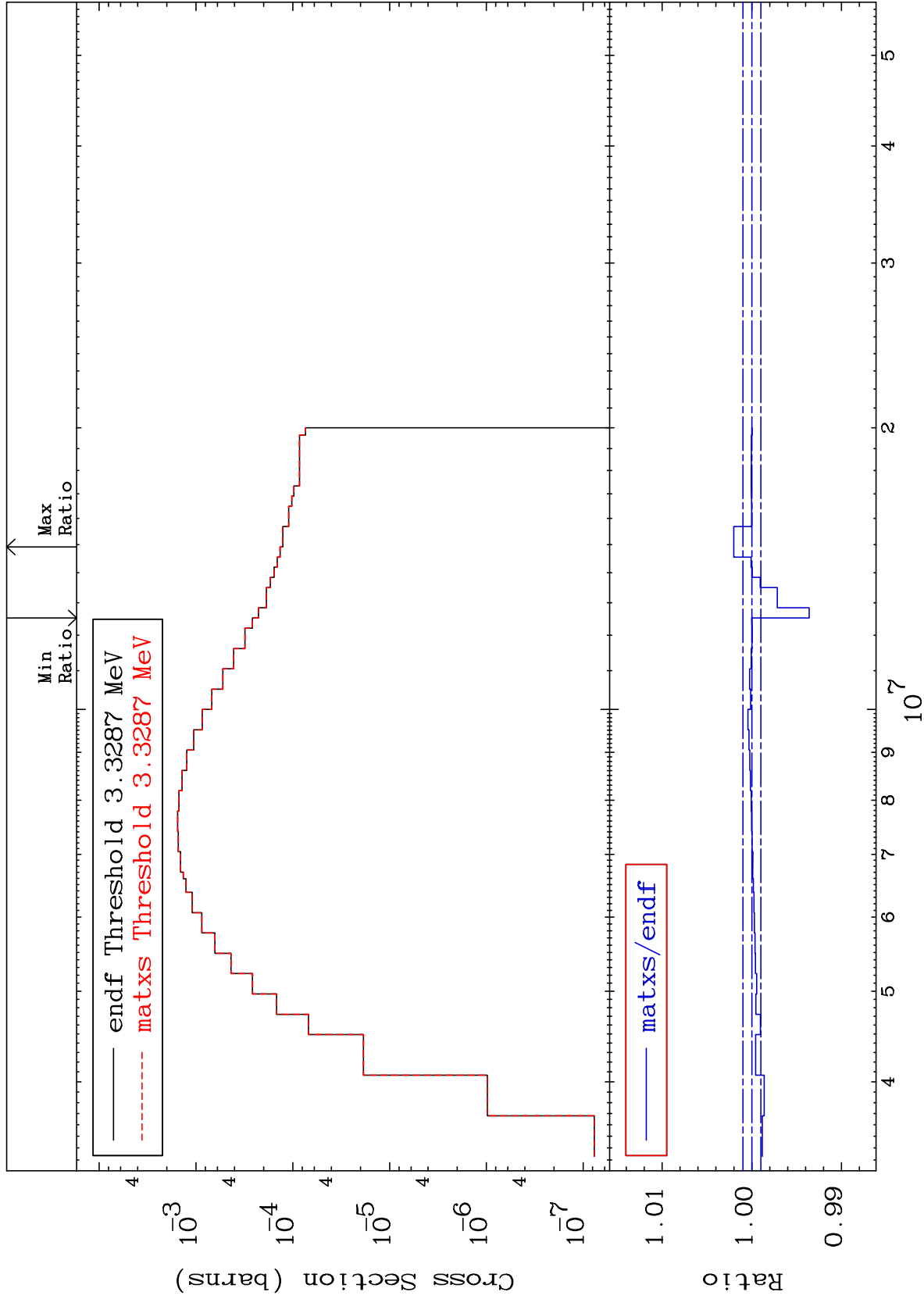
Incident Energy (eV)

20-Ca-43

MAT 2034

2.048 MeV (n,p') Level
Cross Section

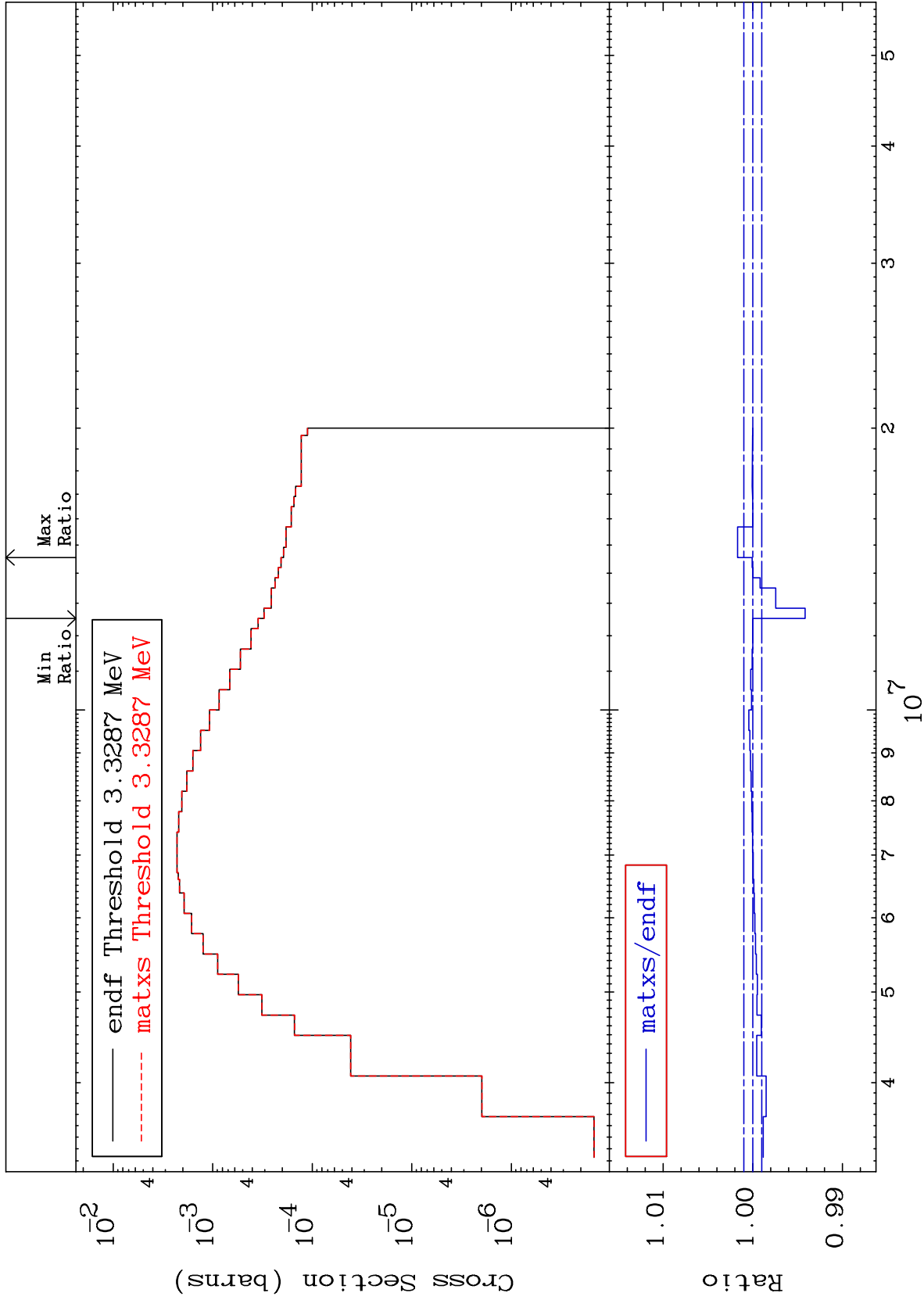
20-Ca-43
-0.639 To 0.202 %



MAT 2034

2.086 MeV (n,p') Level
Cross Section

20-Ca-43
-0.582 To 0.171 %



62

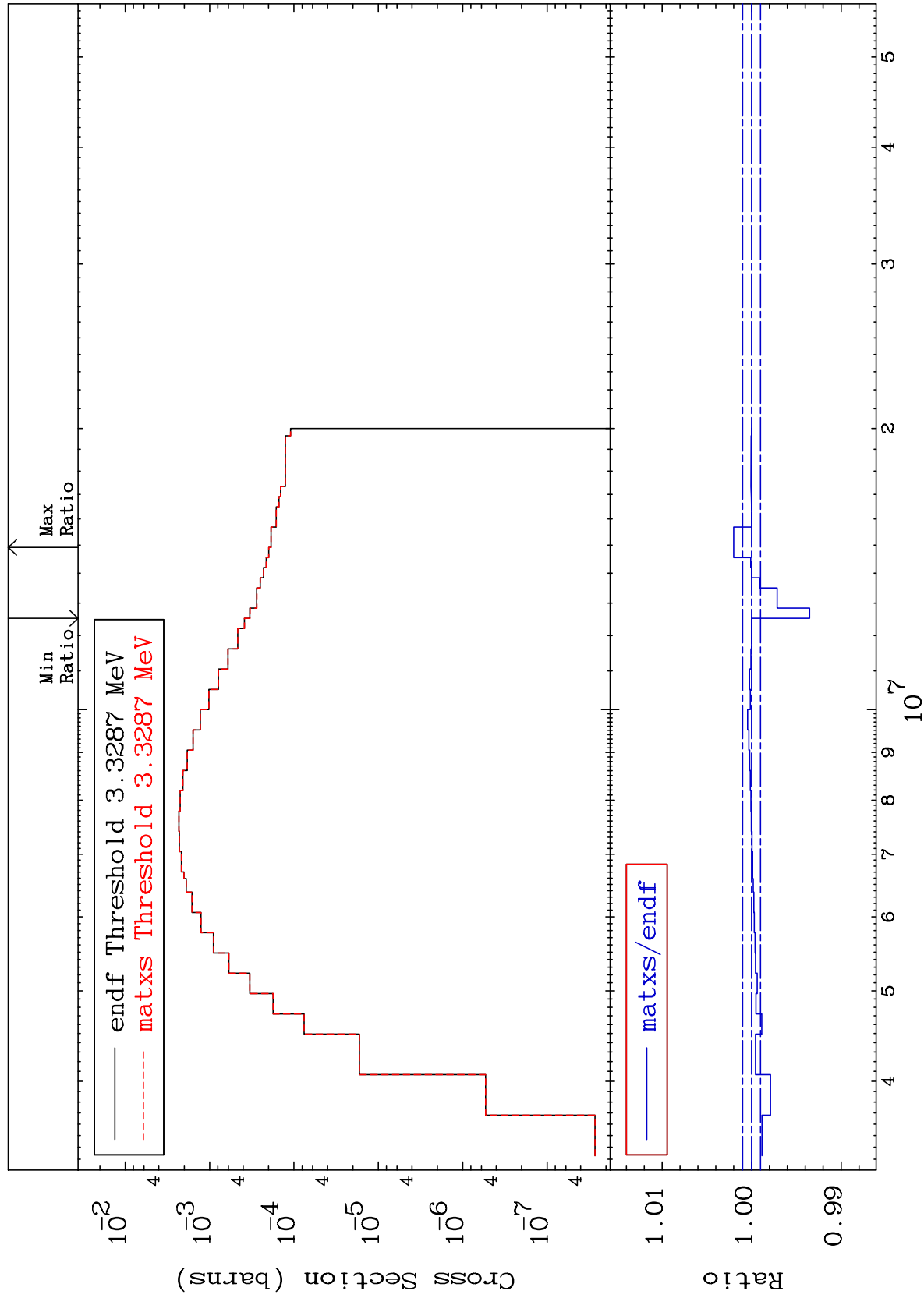
Incident Energy (eV)

20-Ca-43

MAT 2034

2.178 MeV (n,p') Level
Cross Section

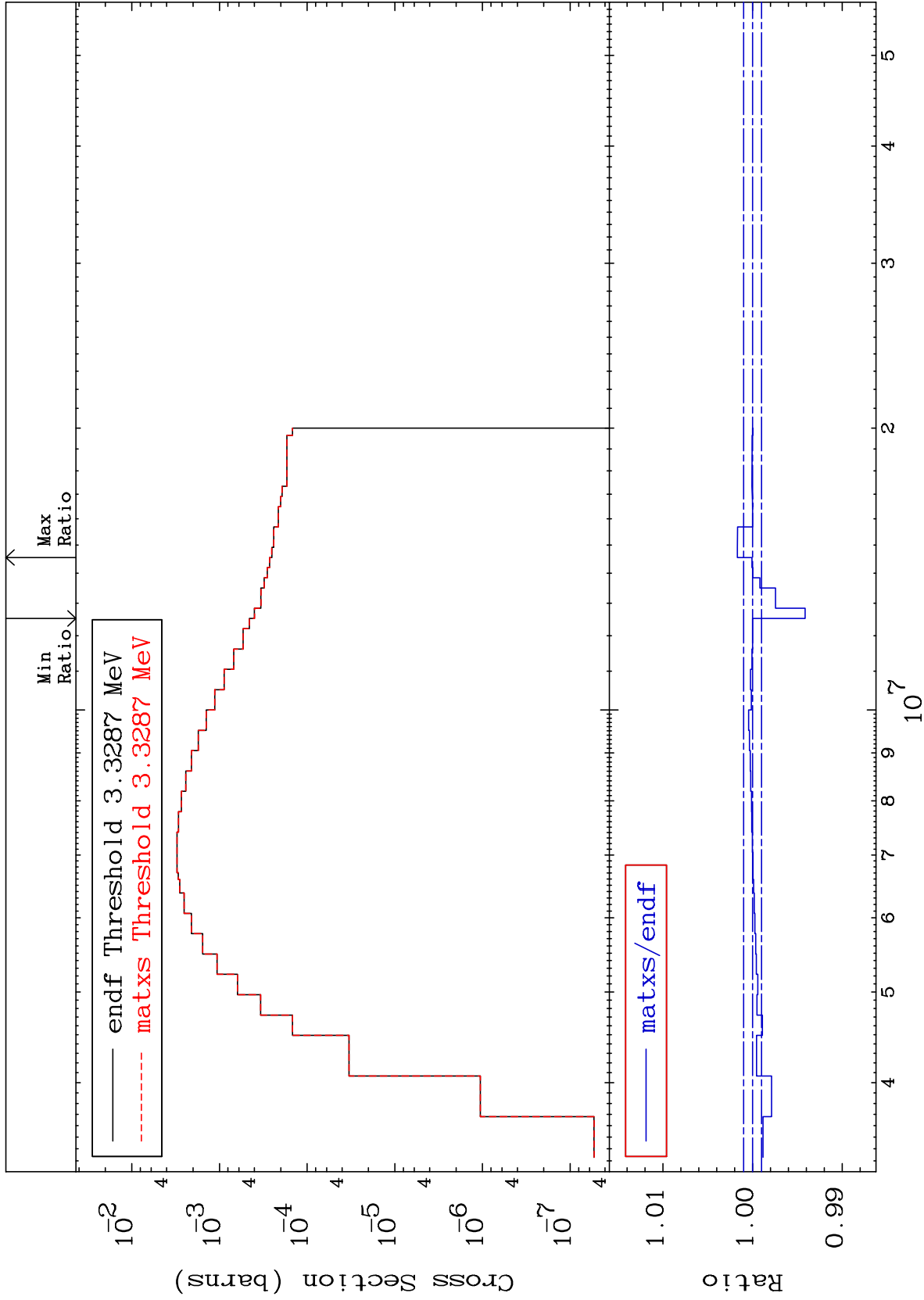
20-Ca-43
-0.648 To 0.200 %



MAT 2034

2.190 MeV (n,p') Level
Cross Section

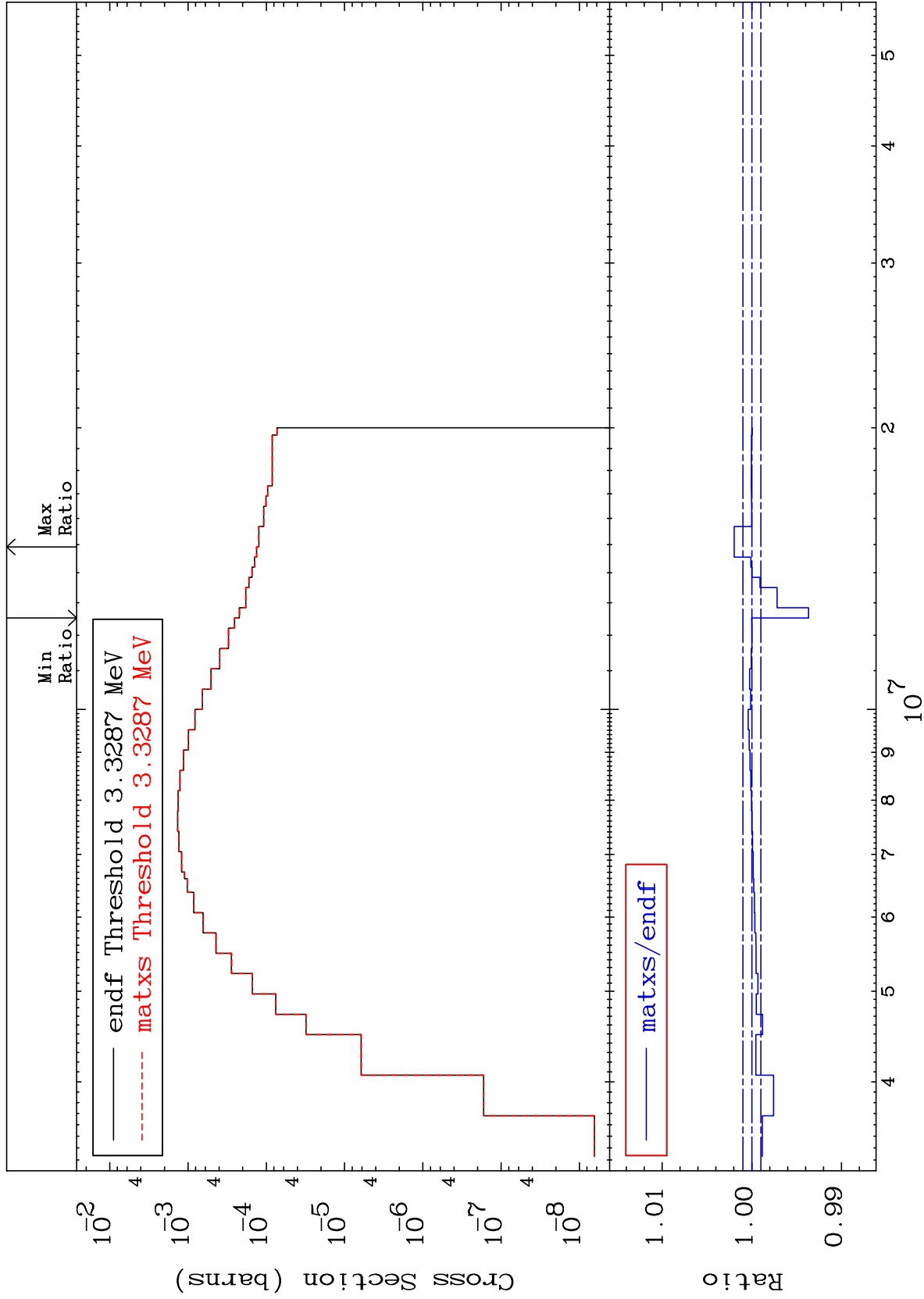
20-Ca-43
-0.586 To 0.169 %



MAT 2034

2.218 MeV (n,p') Level
Cross Section

20-Ca-43
-0.634 To 0.197 %



65

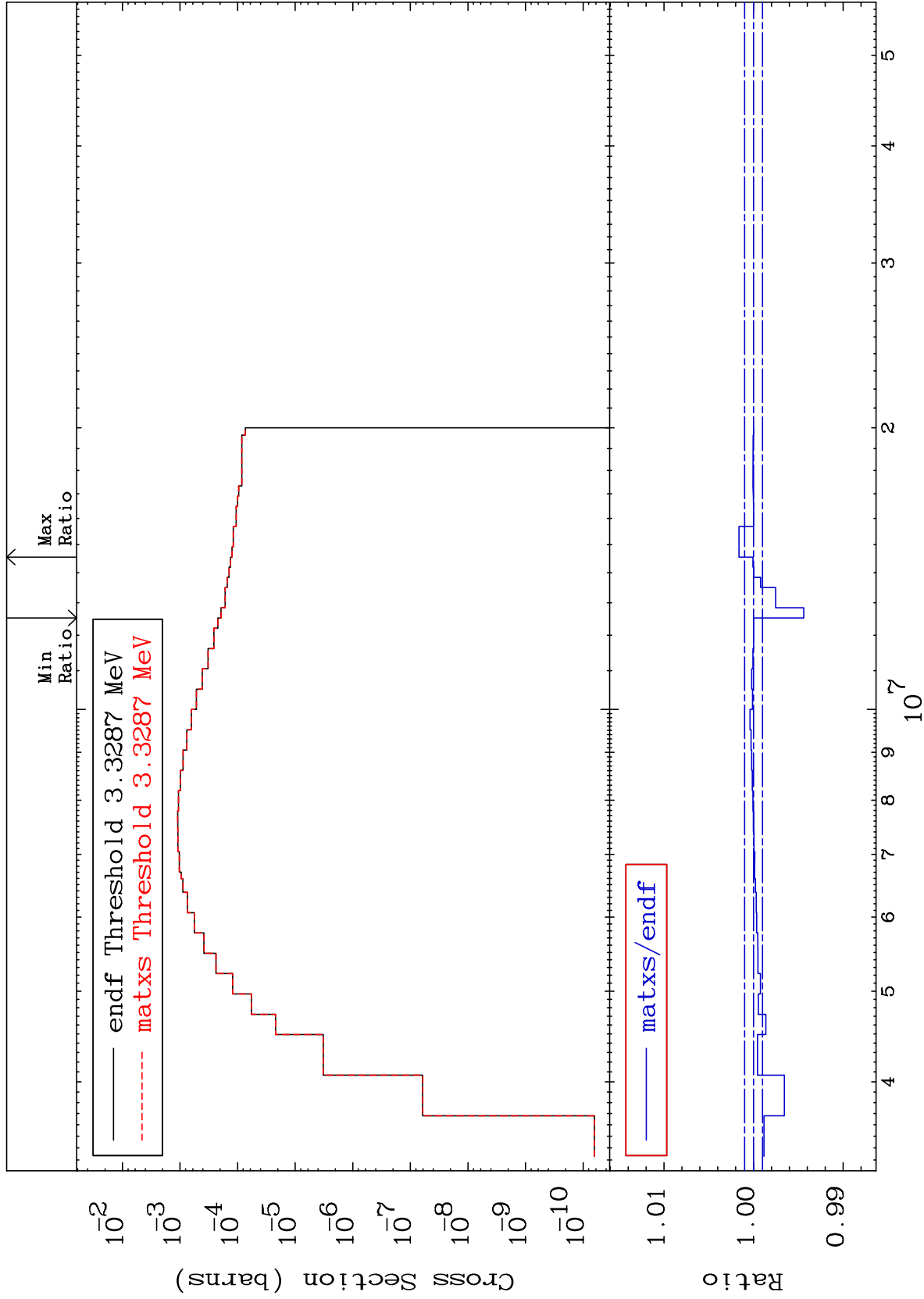
Incident Energy (eV)

20-Ca-43

MAT 2034

2.345 MeV (n,p') Level
Cross Section

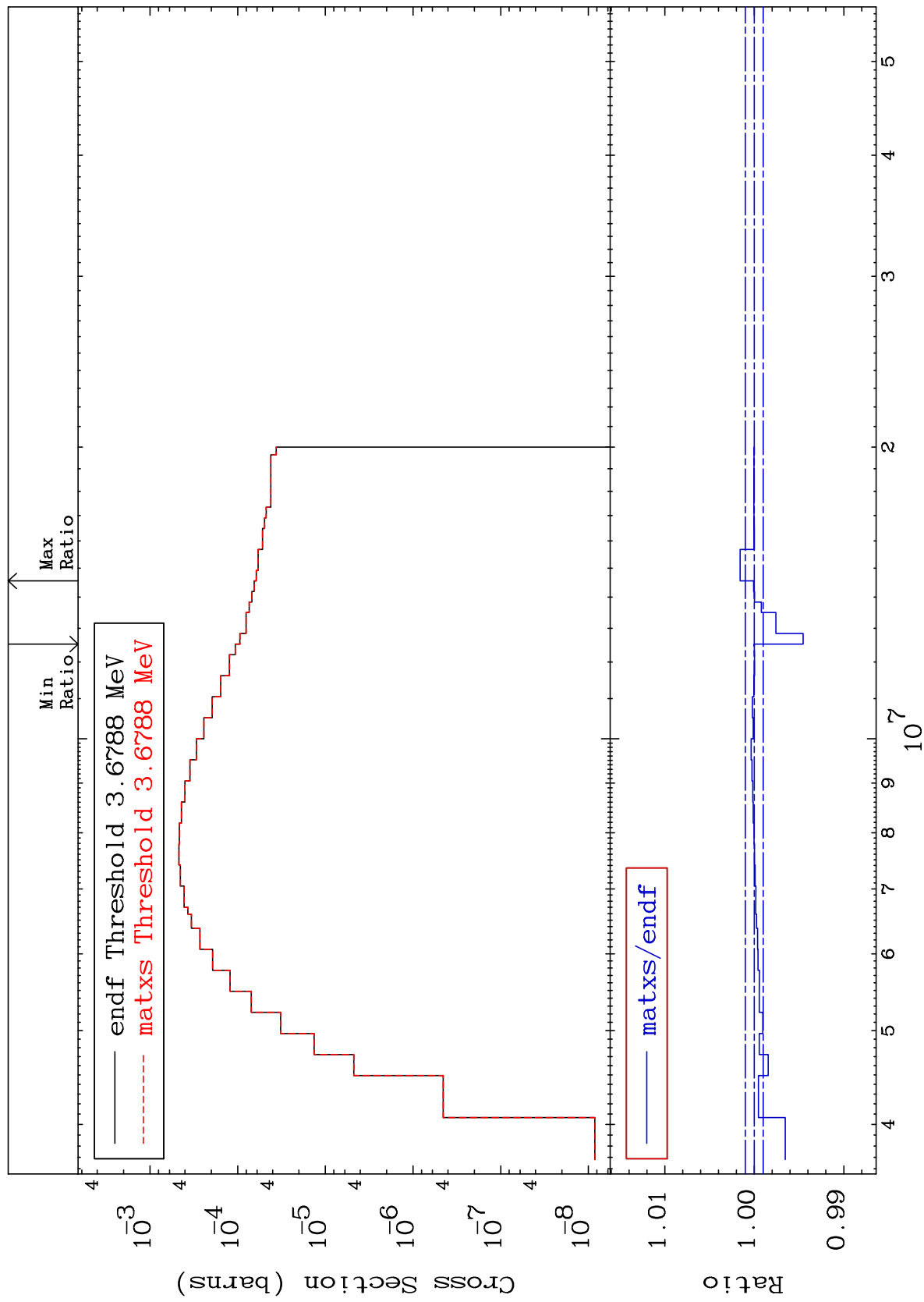
20-Ca-43
-0.561 To 0.163 %



MAT 2034

2.451 MeV (n,p') Level
Cross Section

20-Ca-43
-0.547 To 0.159 %



67

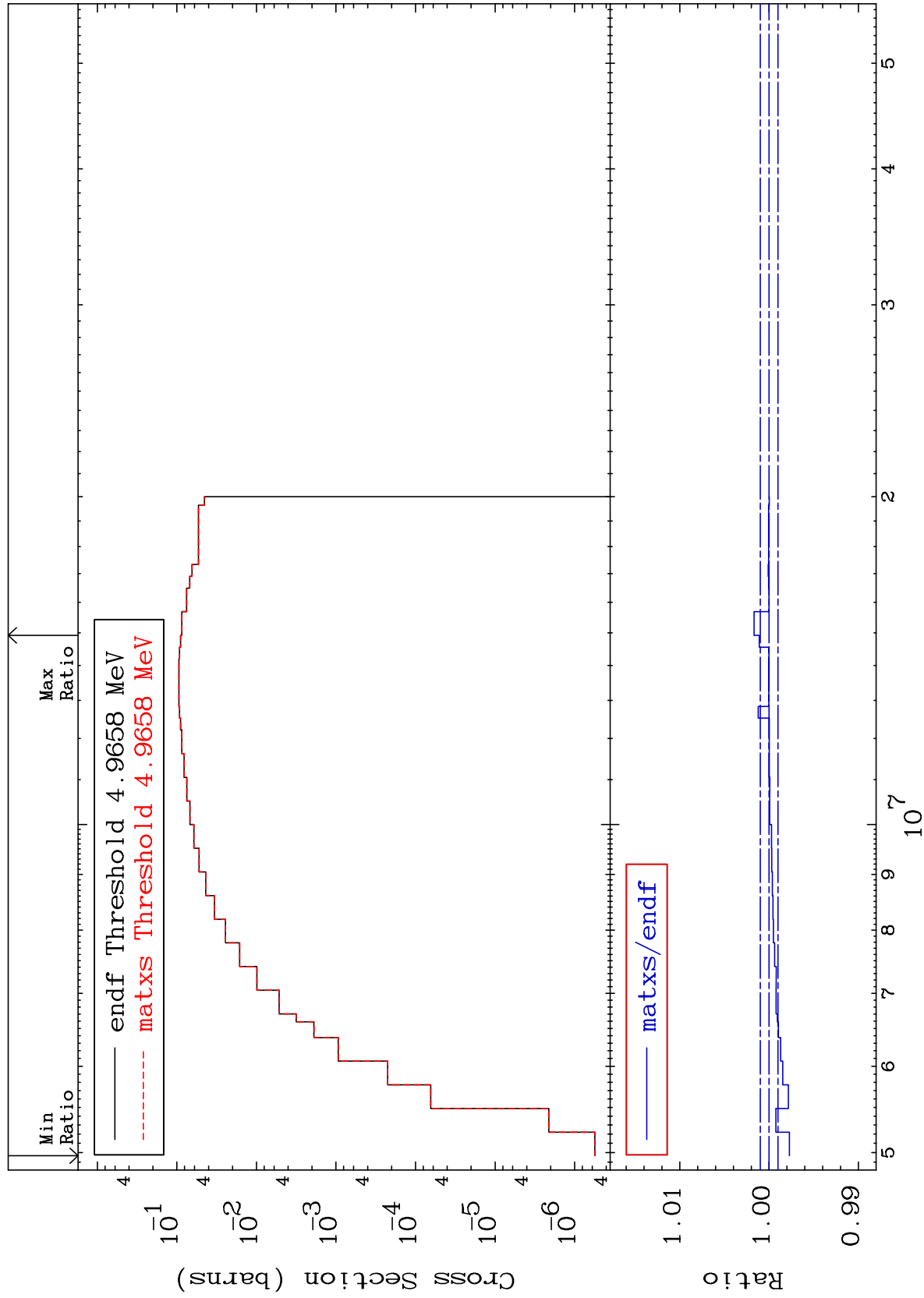
Incident Energy (eV)

20-Ca-43

MAT 2034

3.393 MeV (n,p') Level
Cross Section

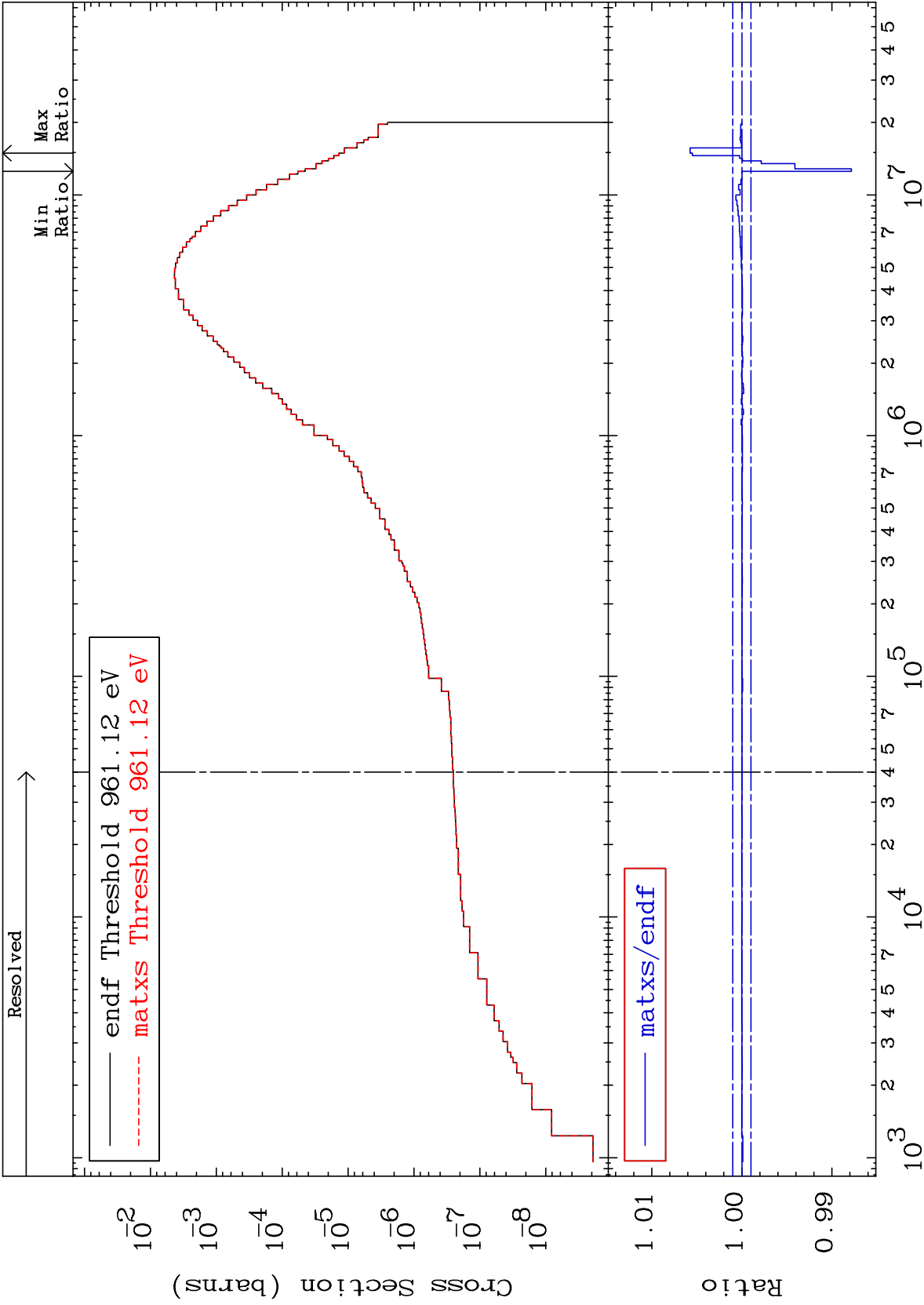
20-Ca-43
-0.226 To 0.170 %



MAT 2034

(n, α') Ground
Cross Section

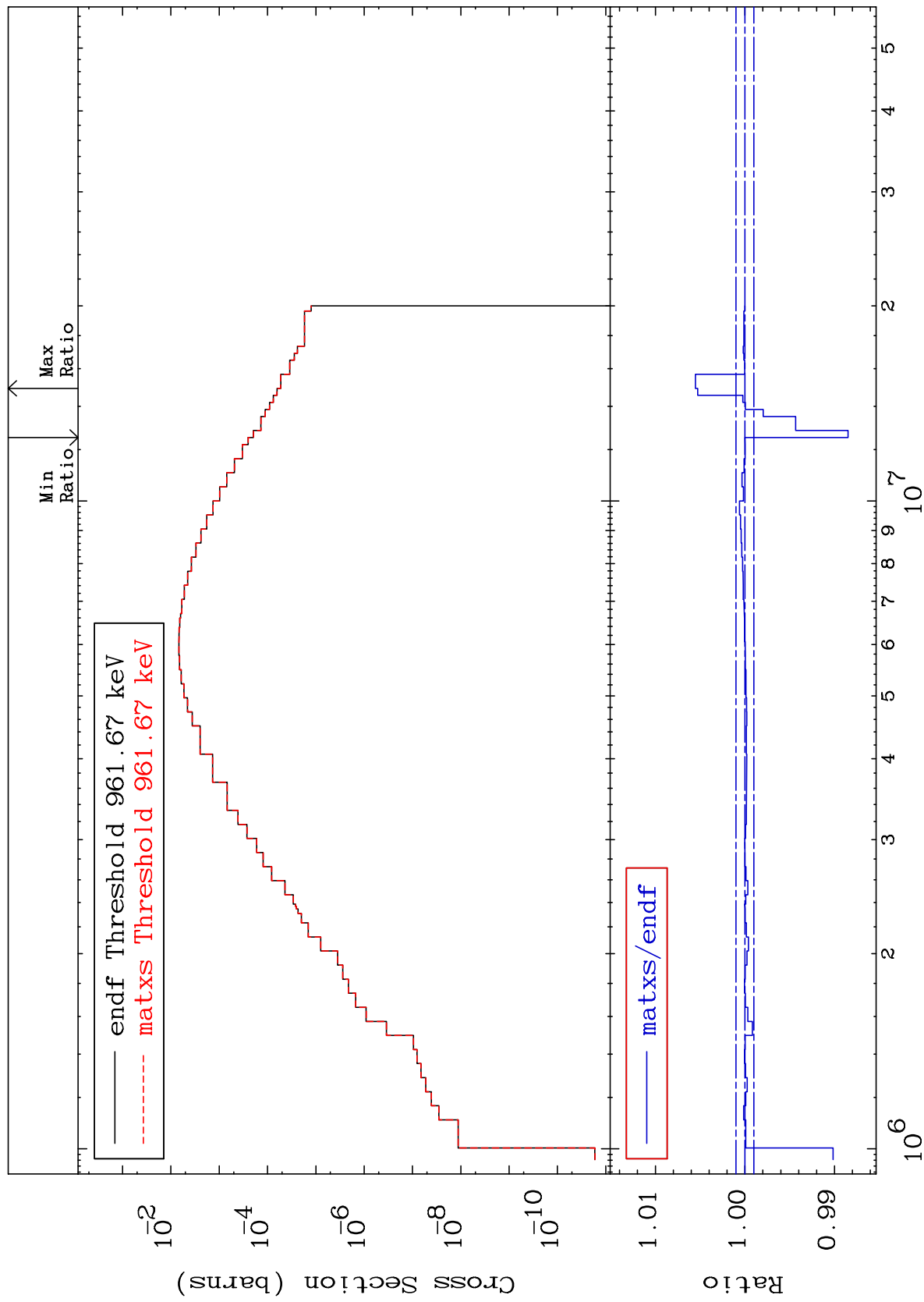
20-Ca-43
-1.216 To 0.575 %



MAT 2034

1.461 MeV (n, α') Level
Cross Section

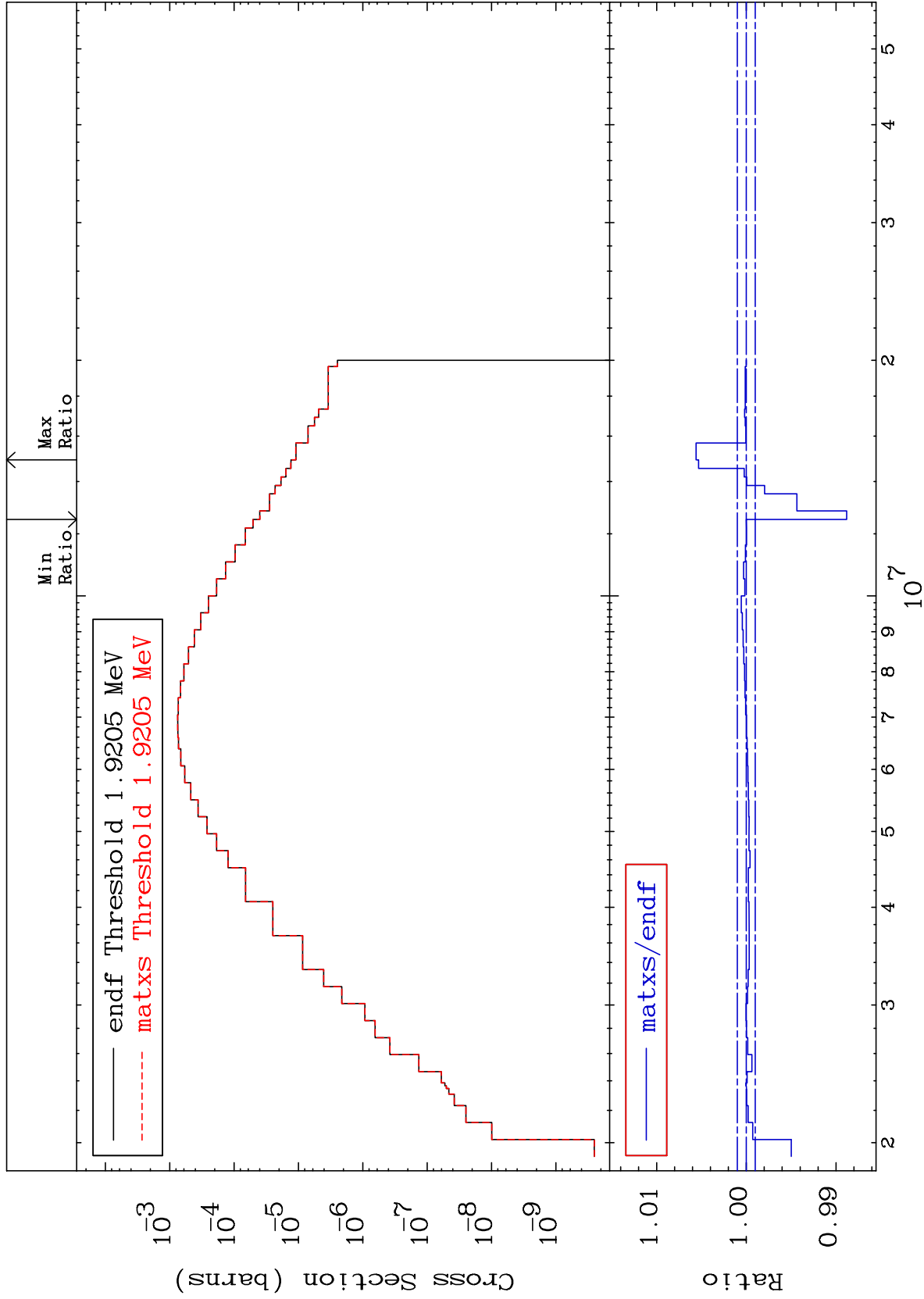
20-Ca-43
-1.150 To 0.554 %



MAT 2034

2.121 MeV (n, α') Level
Cross Section

20-Ca-43
-1.120 To 0.560 %



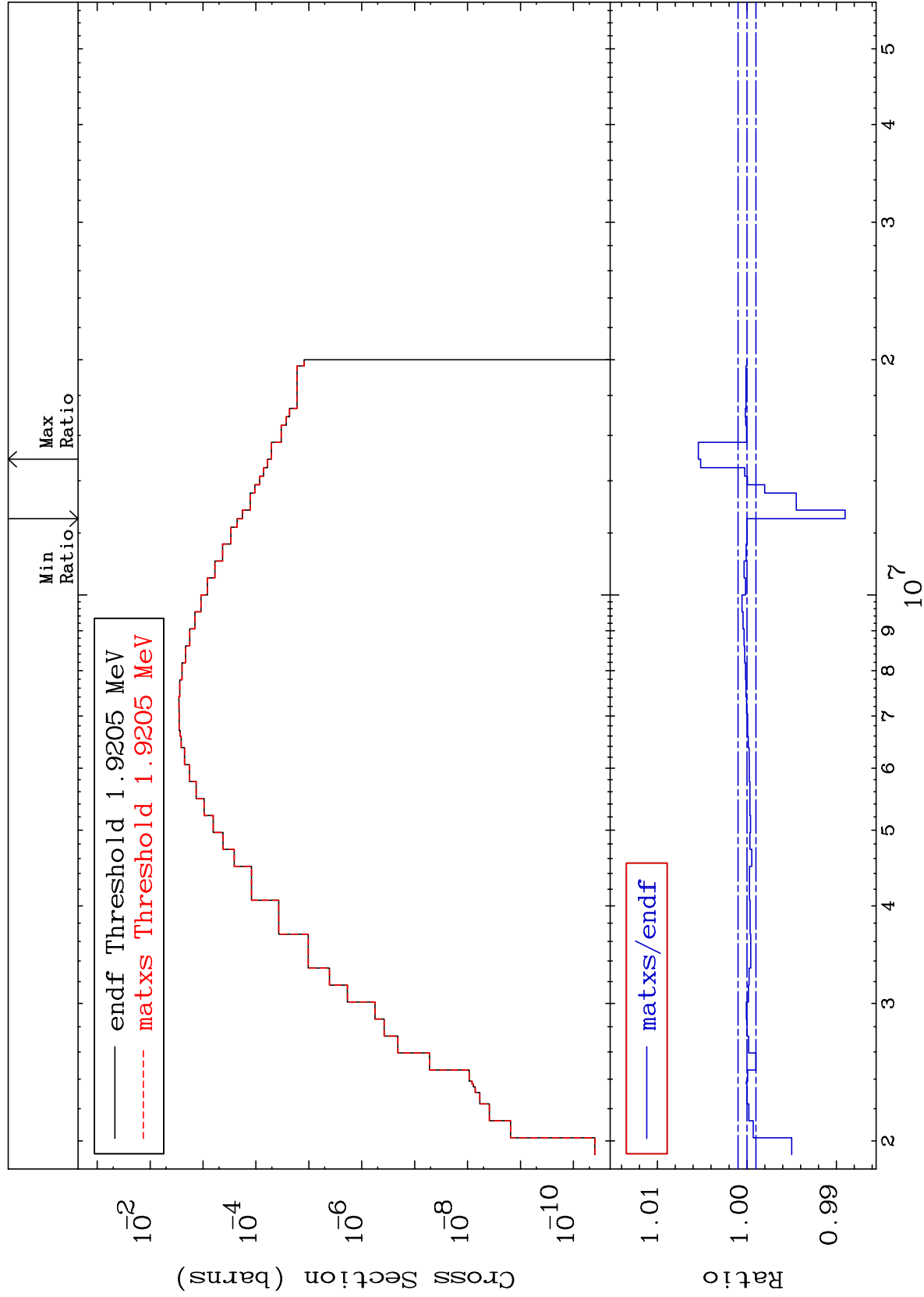
71

20-Ca-43

MAT 2034

2.524 MeV (n, α') Level
Cross Section

20-Ca-43
-1.096 To 0.544 %



72

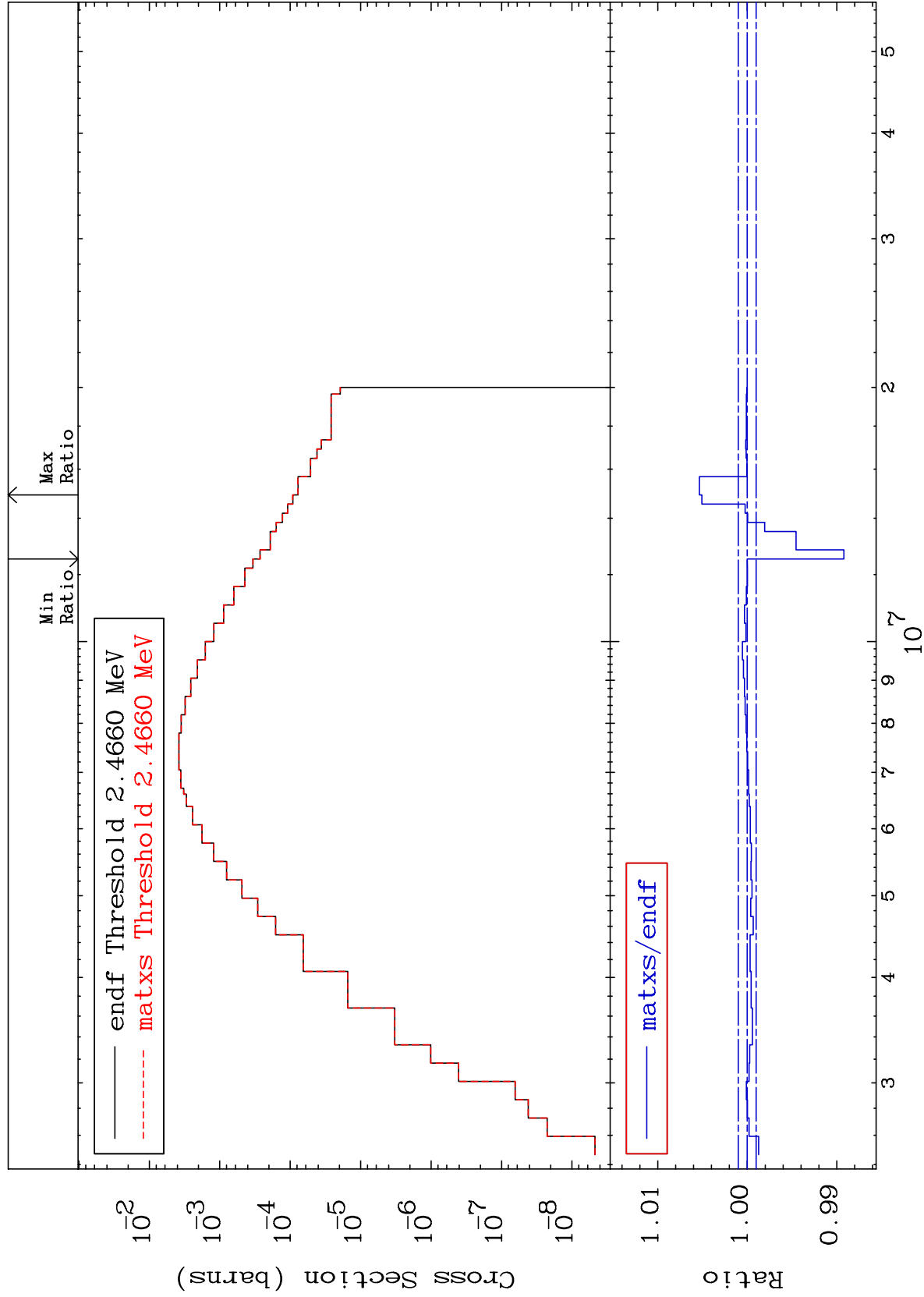
Incident Energy (eV)

20-Ca-43

MAT 2034

2.893 MeV (n, α') Level
Cross Section

20-Ca-43
-1.079 To 0.534 %



73

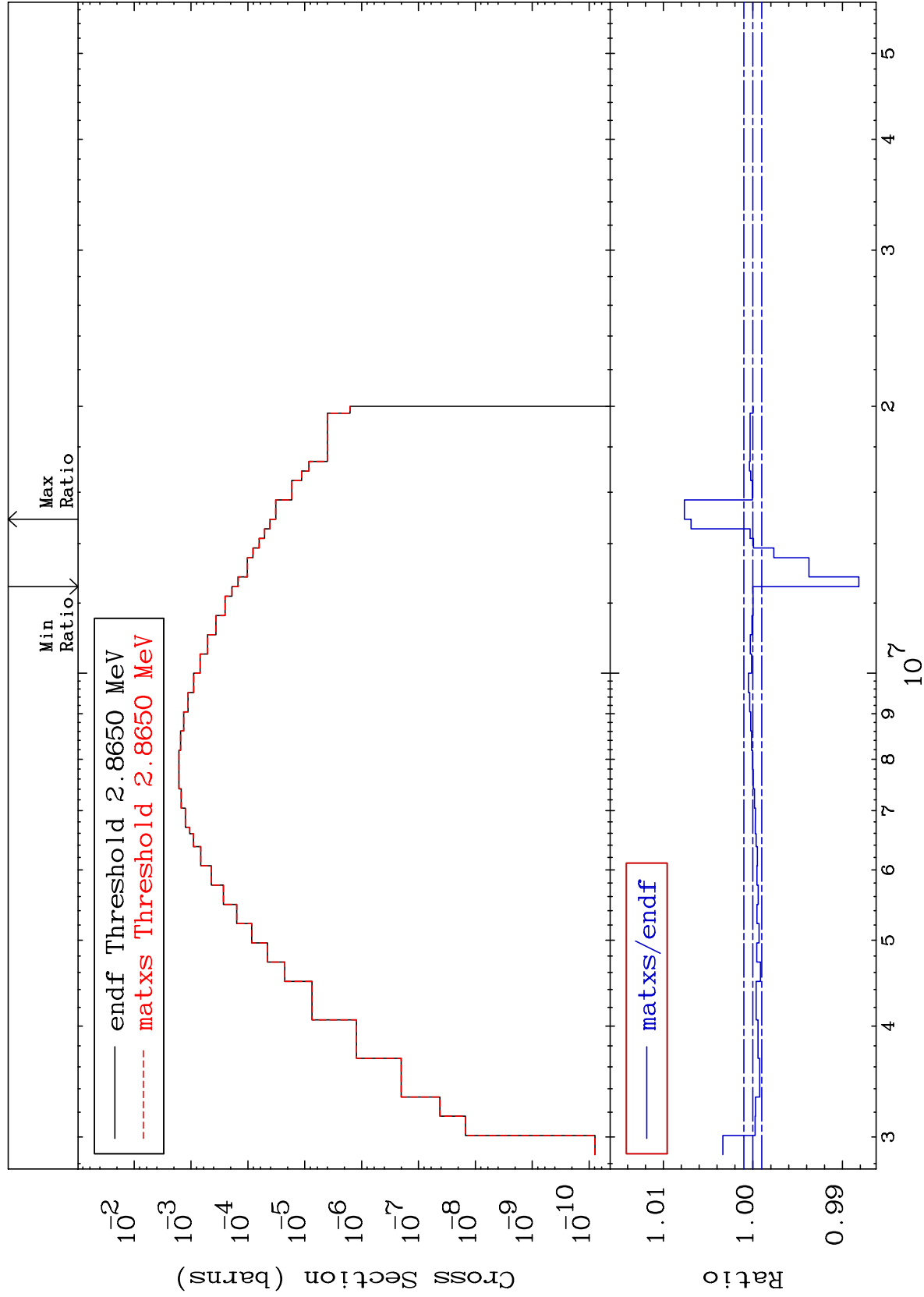
Incident Energy (eV)

20-Ca-43

MAT 2034

3.208 MeV (n, α') Level
Cross Section

20-Ca-43
-1.184 To 0.765 %



74

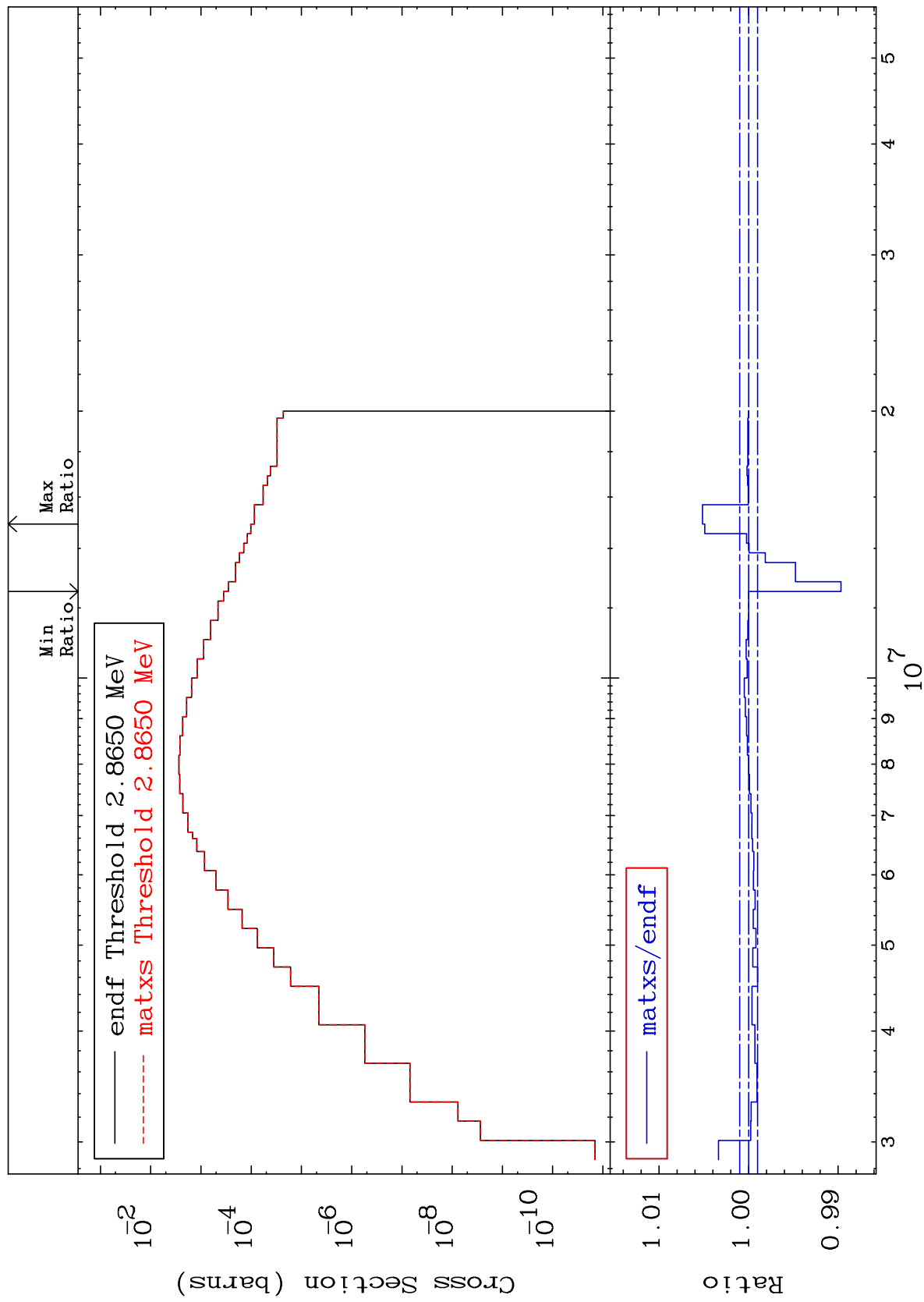
Incident Energy (eV)

20-Ca-43

MAT 2034

3.464 MeV (n, α') Level
Cross Section

20-Ca-43
-1.031 To 0.516 %



75

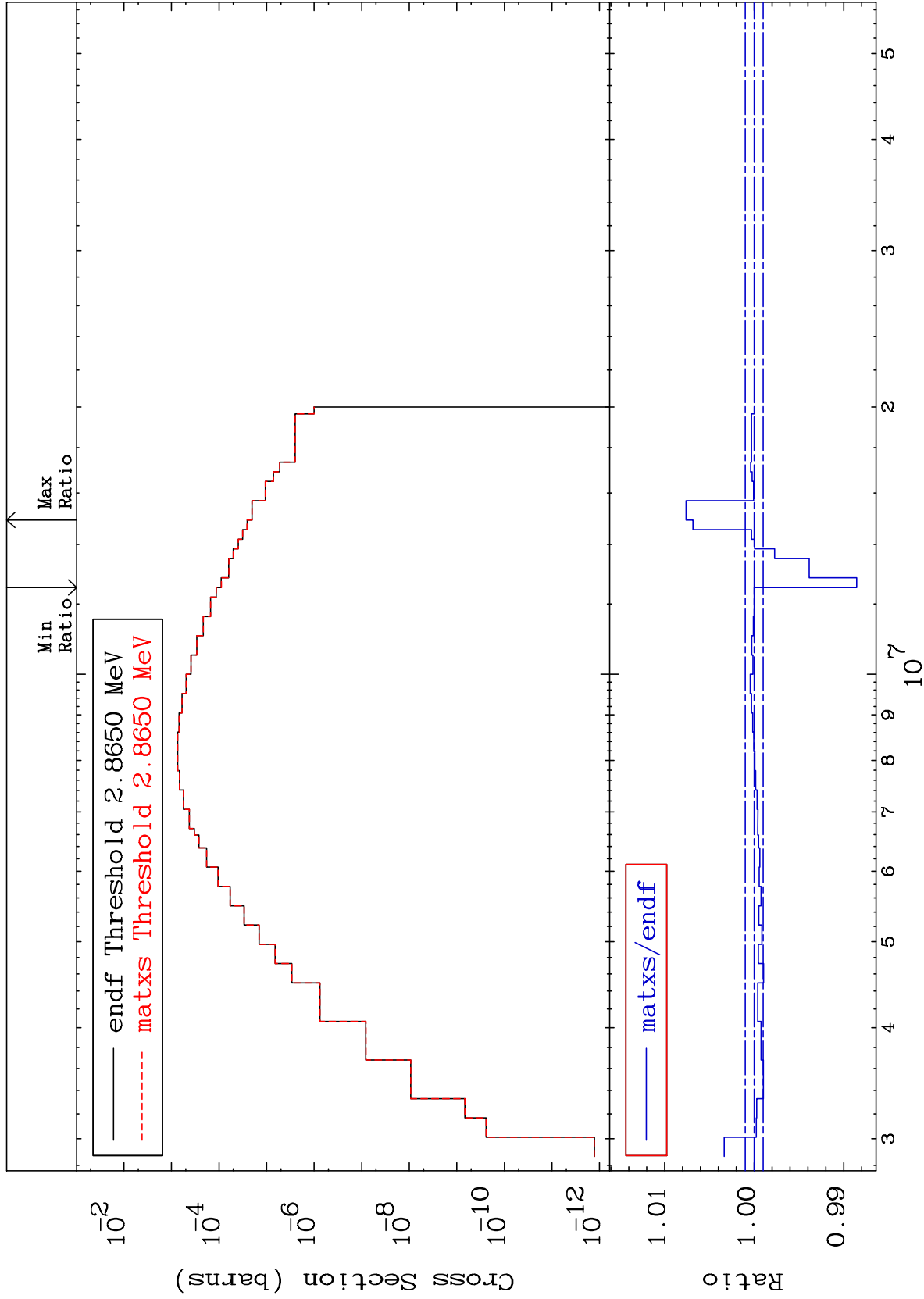
Incident Energy (eV)

20-Ca-43

MAT 2034

3.511 MeV (n, α') Level
Cross Section

20-Ca-43
-1.145 To 0.760 %



76

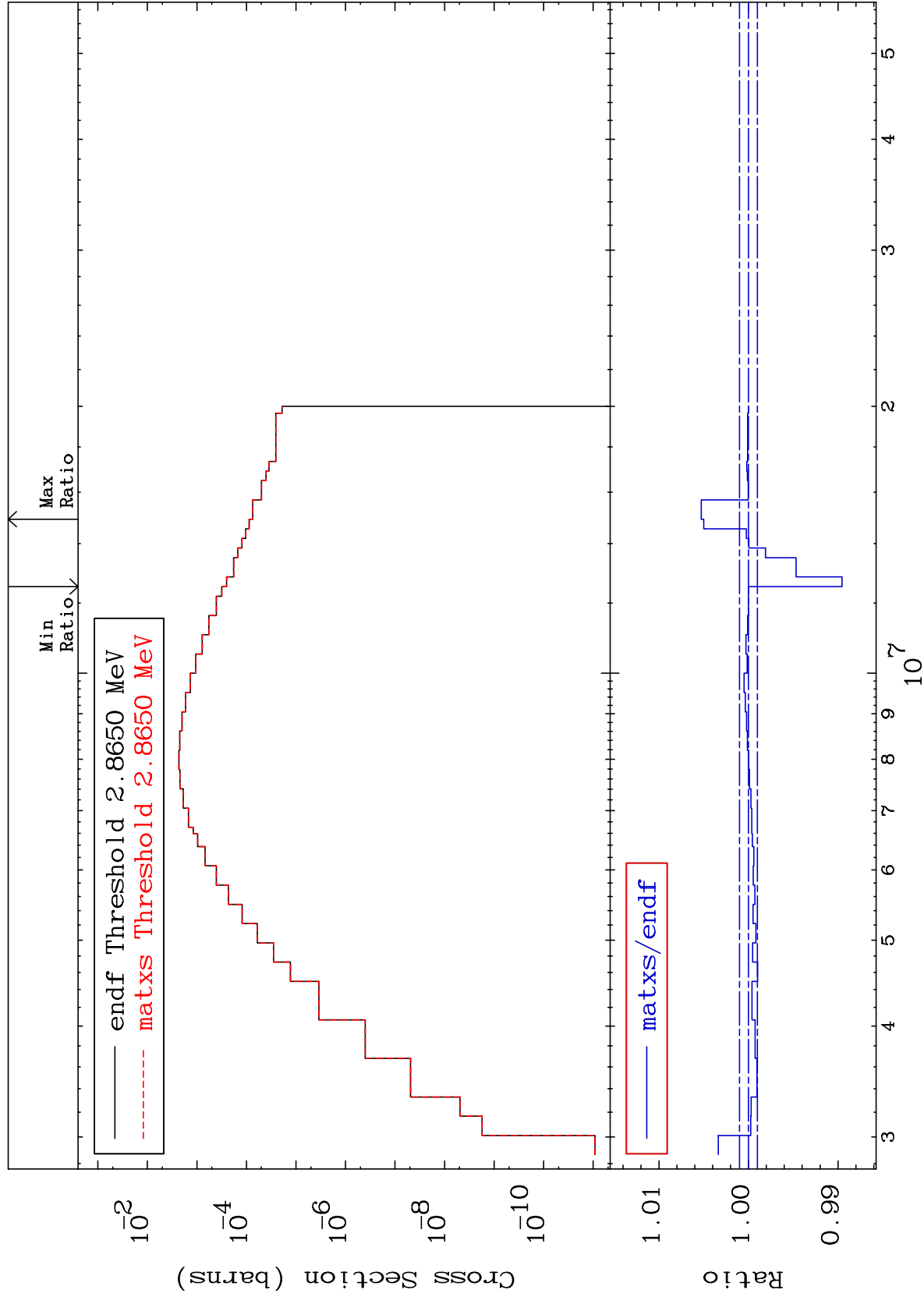
Incident Energy (eV)

20-Ca-43

MAT 2034

3.515 MeV (n,α') Level
Cross Section

20-Ca-43
-1.046 To 0.528 %



77

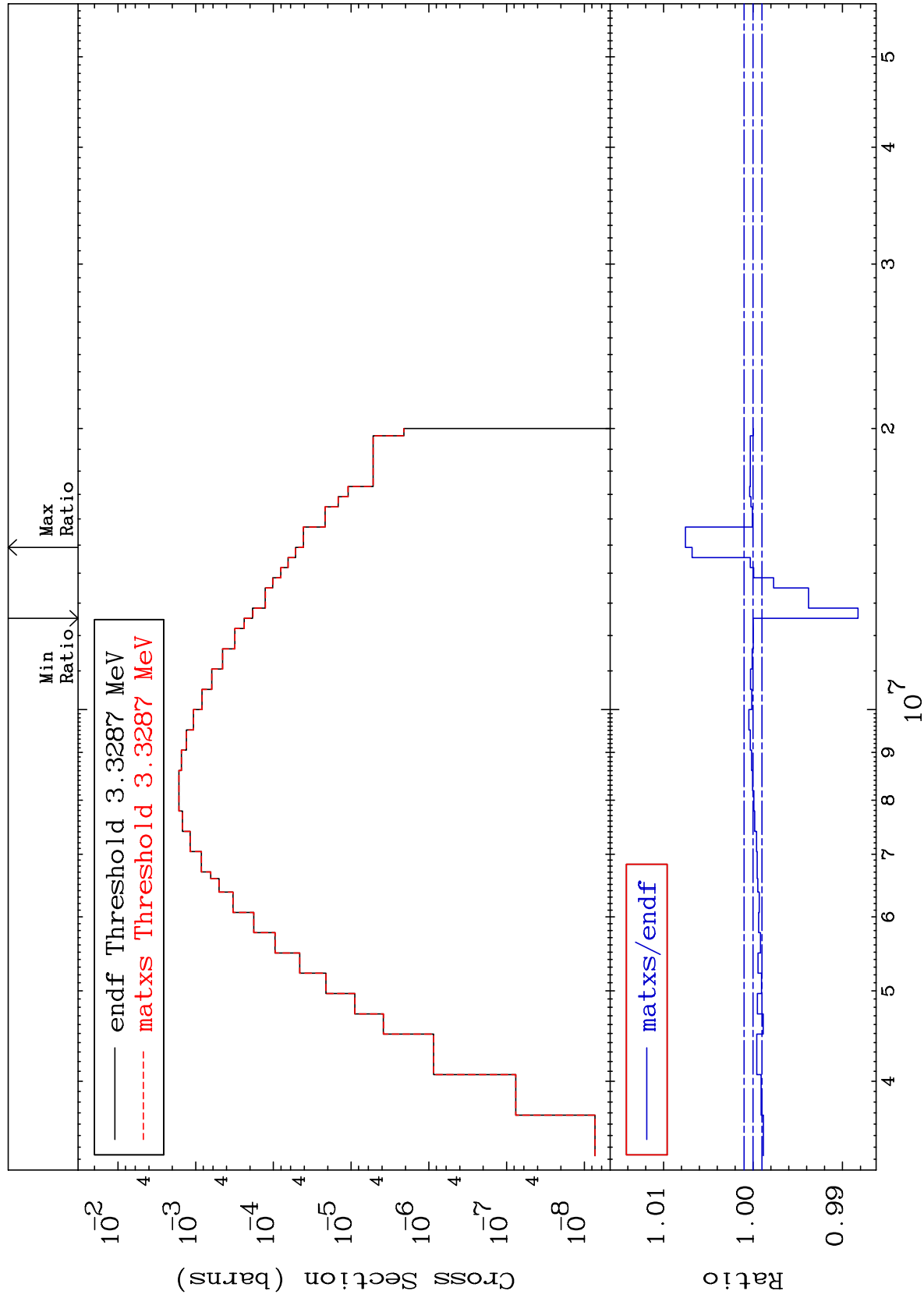
Incident Energy (eV)

20-Ca-43

MAT 2034

3.681 MeV (n, α') Level
Cross Section

20-Ca-43
-1.172 To 0.757 %



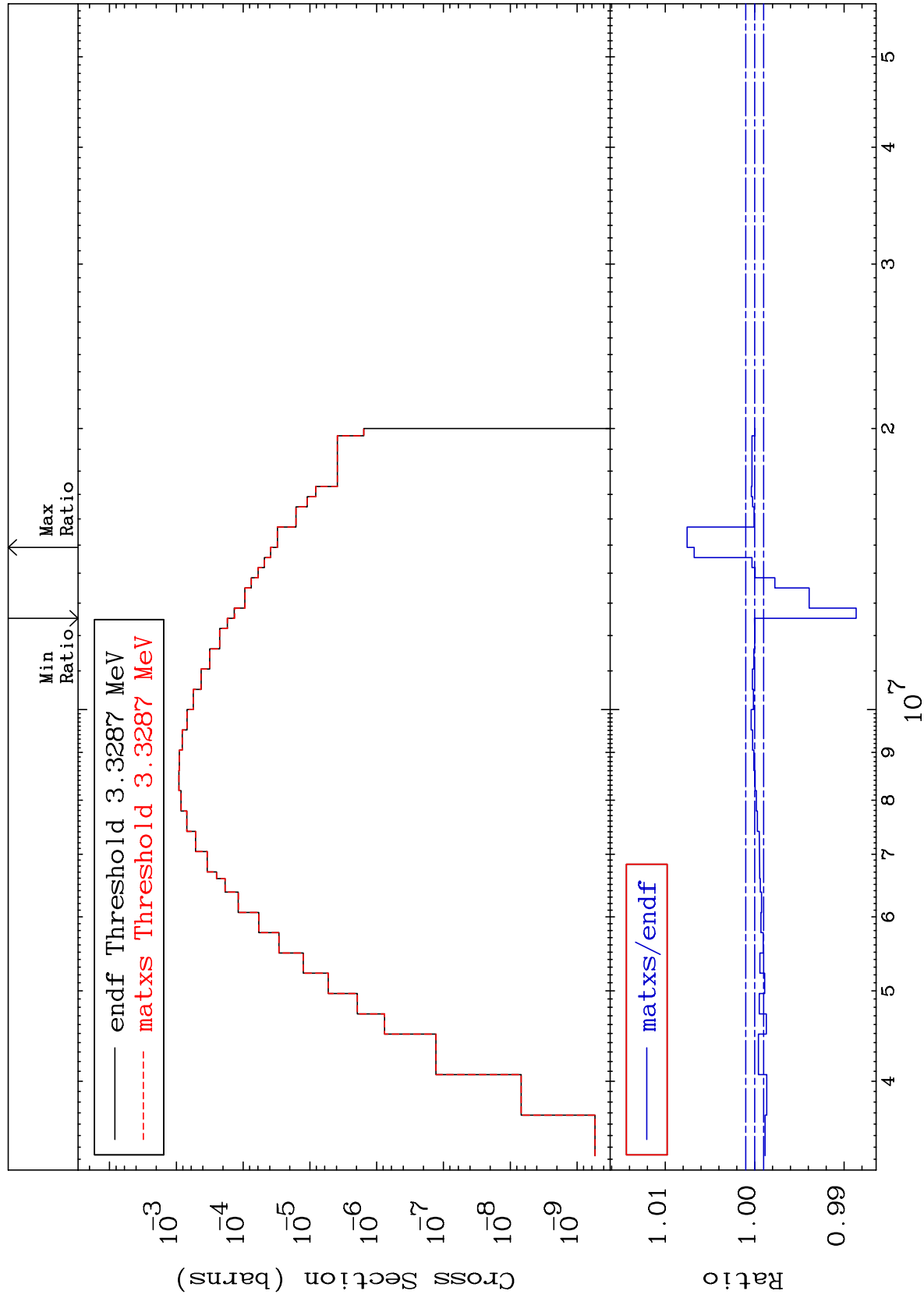
78

20-Ca-43

MAT 2034

3.919 MeV (n, α') Level
Cross Section

20-Ca-43
-1.134 To 0.755 %



79

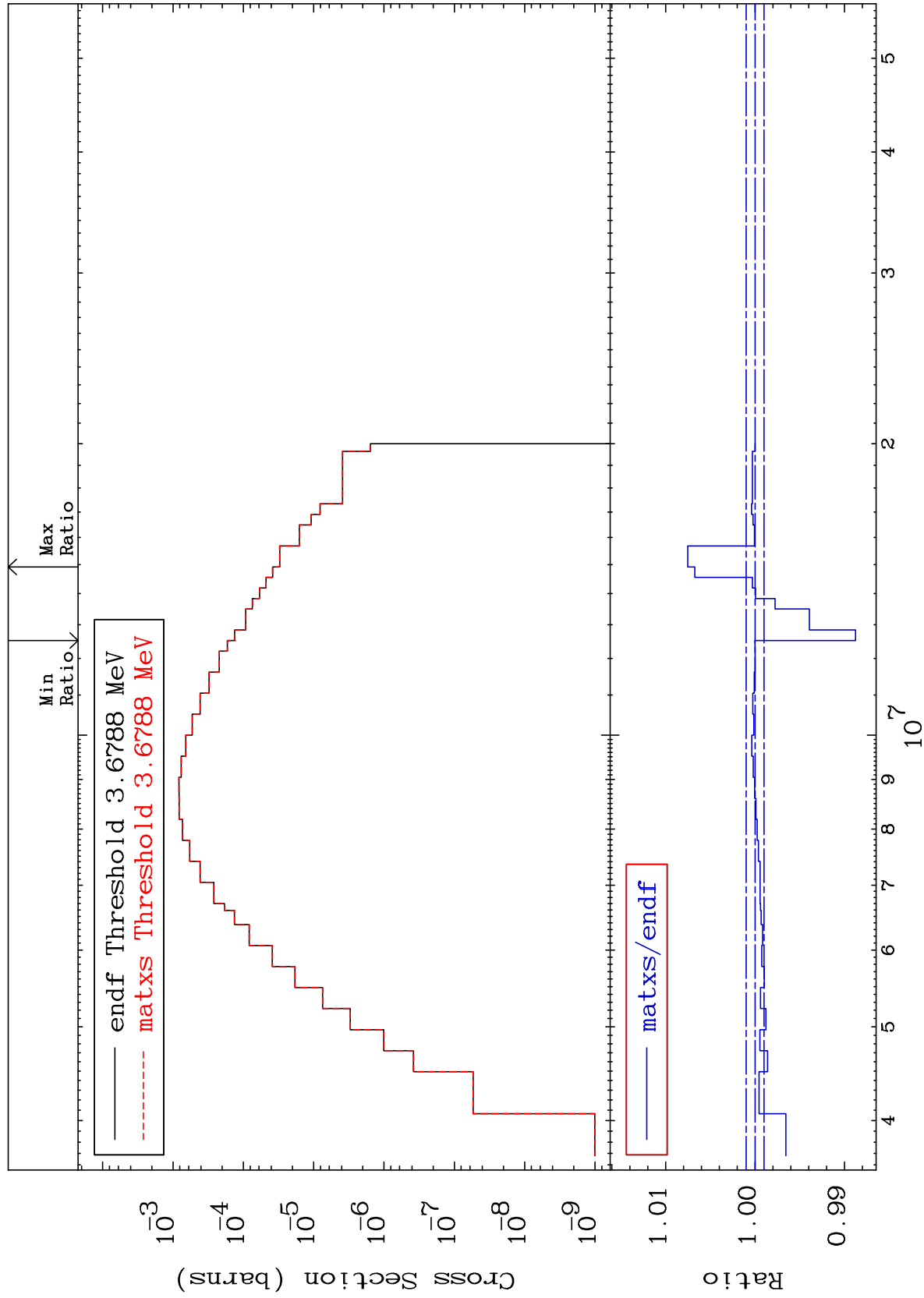
Incident Energy (eV)

20-Ca-43

MAT 2034

4.041 MeV (n, α') Level
Cross Section

20-Ca-43
-1.124 To 0.753 %



80

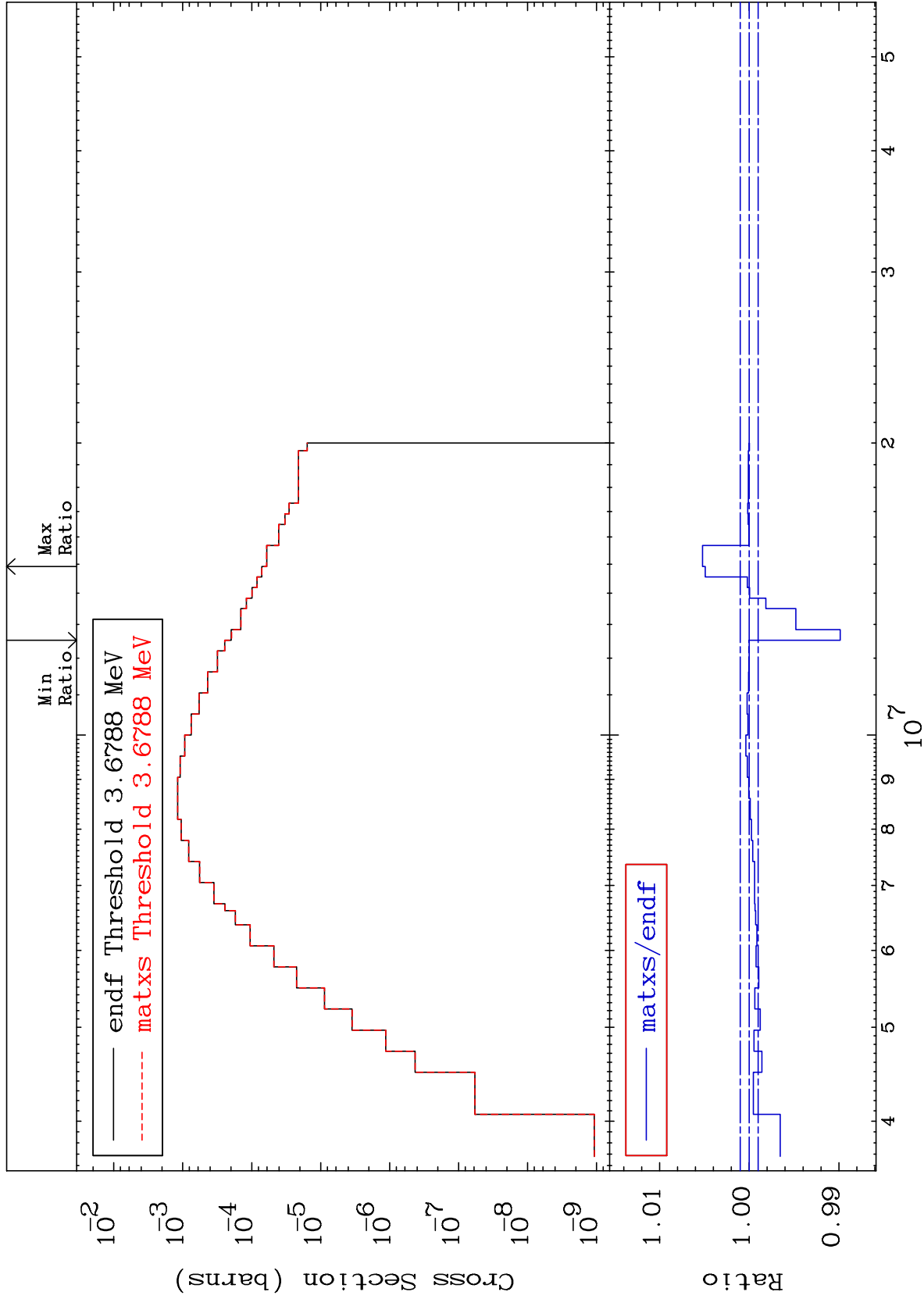
Incident Energy (eV)

20-Ca-43

MAT 2034

4.082 MeV (n, α') Level
Cross Section

20-Ca-43
-1.014 To 0.520 %



81

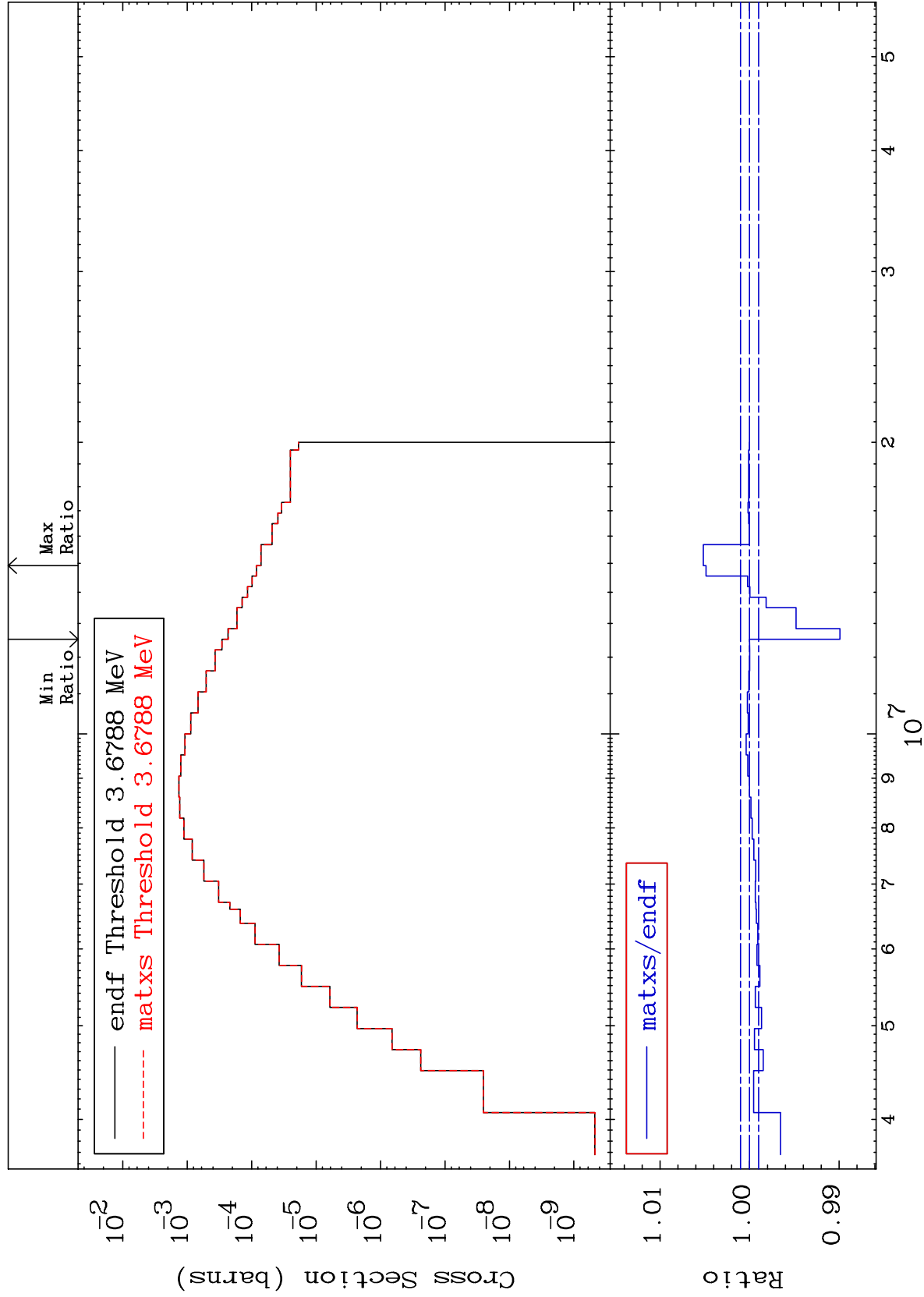
Incident Energy (eV)

20-Ca-43

MAT 2034

4.226 MeV (n, α') Level
Cross Section

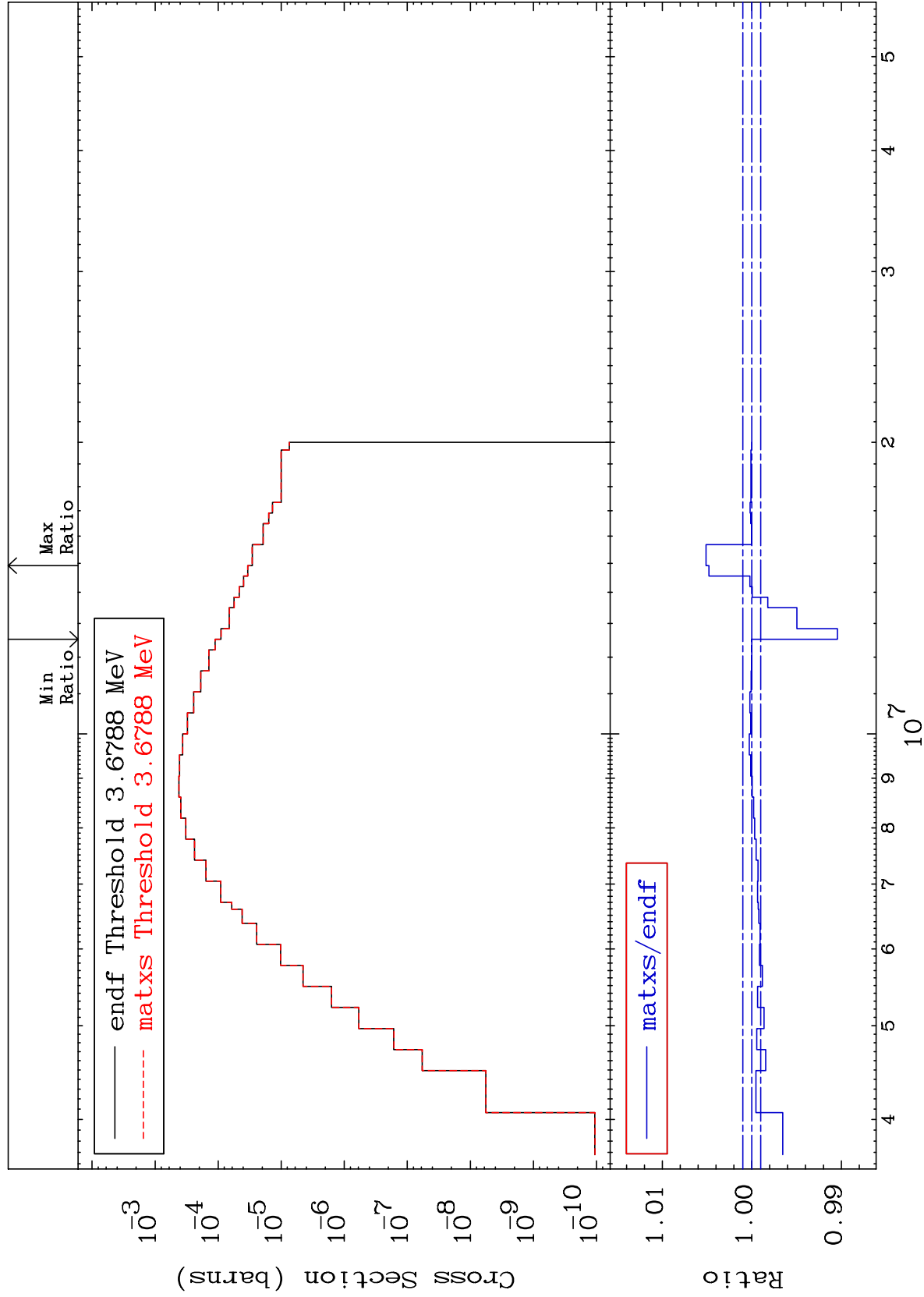
20-Ca-43
-1.010 To 0.516 %



MAT 2034

4.229 MeV (n, α') Level
Cross Section

20-Ca-43
-0.956 To 0.513 %



83

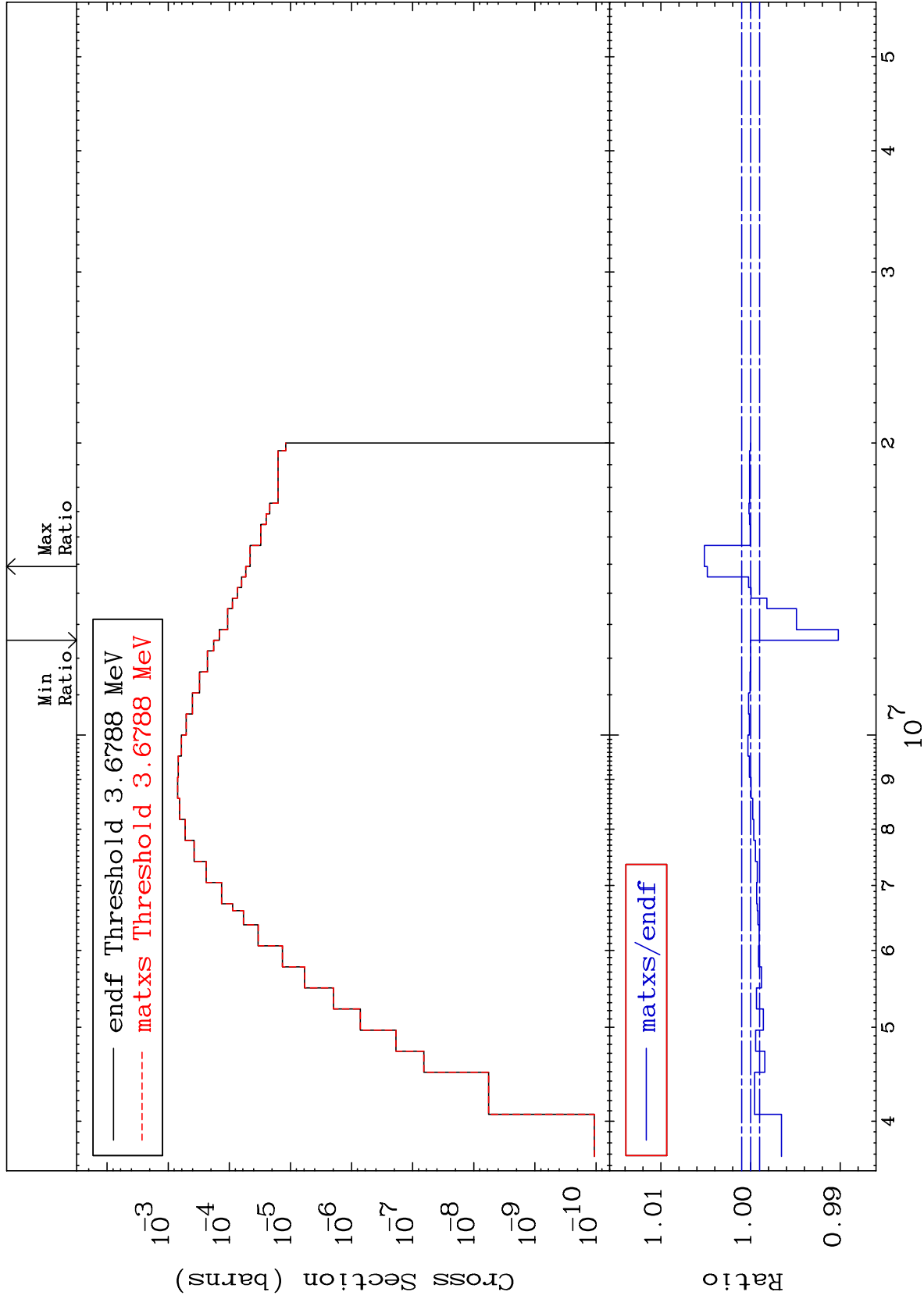
Incident Energy (eV)

20-Ca-43

MAT 2034

4.301 MeV (n, α') Level
Cross Section

20-Ca-43
-0.978 To 0.515 %



84

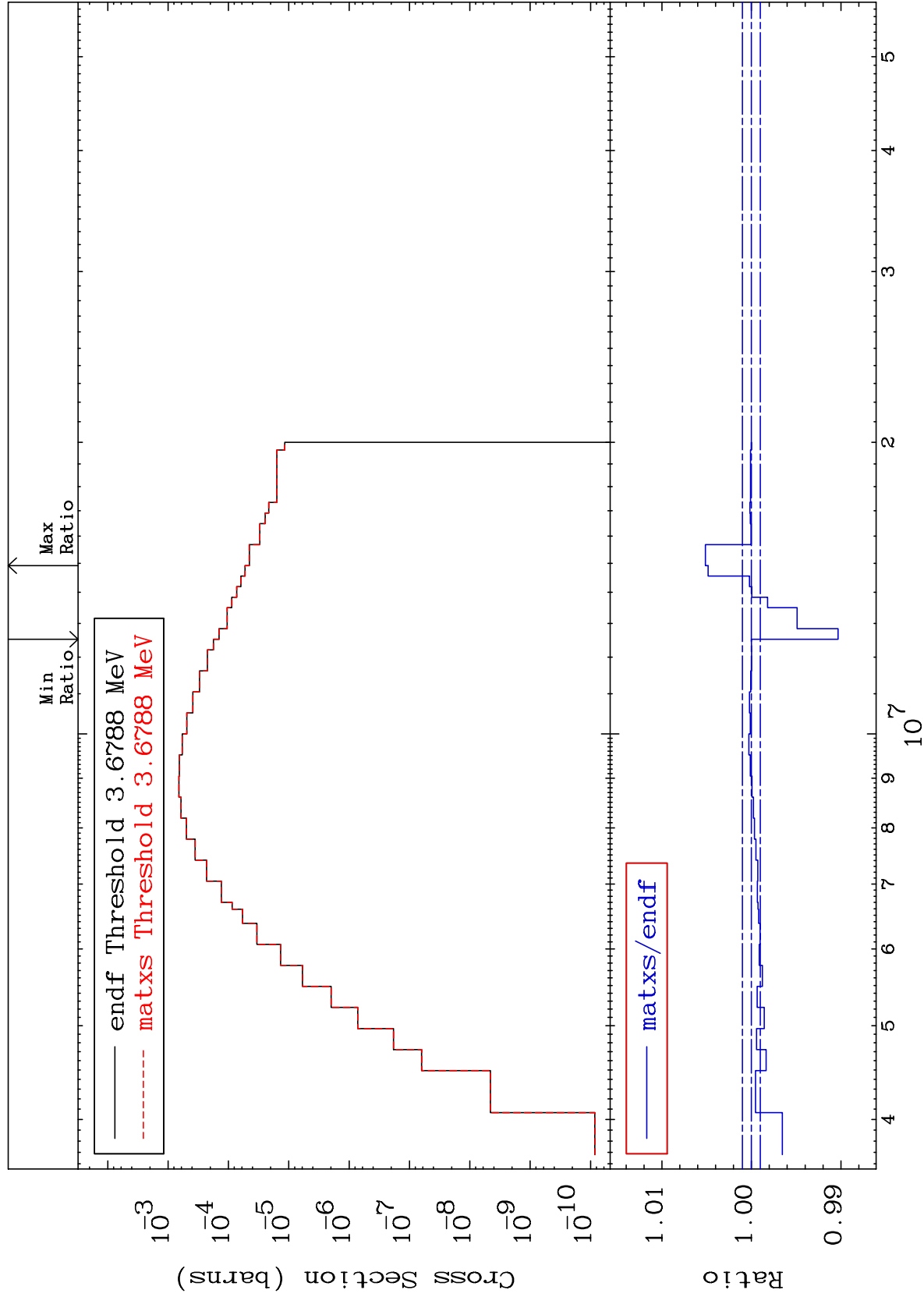
Incident Energy (eV)

20-Ca-43

MAT 2034

4.325 MeV (n, α') Level
Cross Section

20-Ca-43
-0.967 To 0.515 %



85

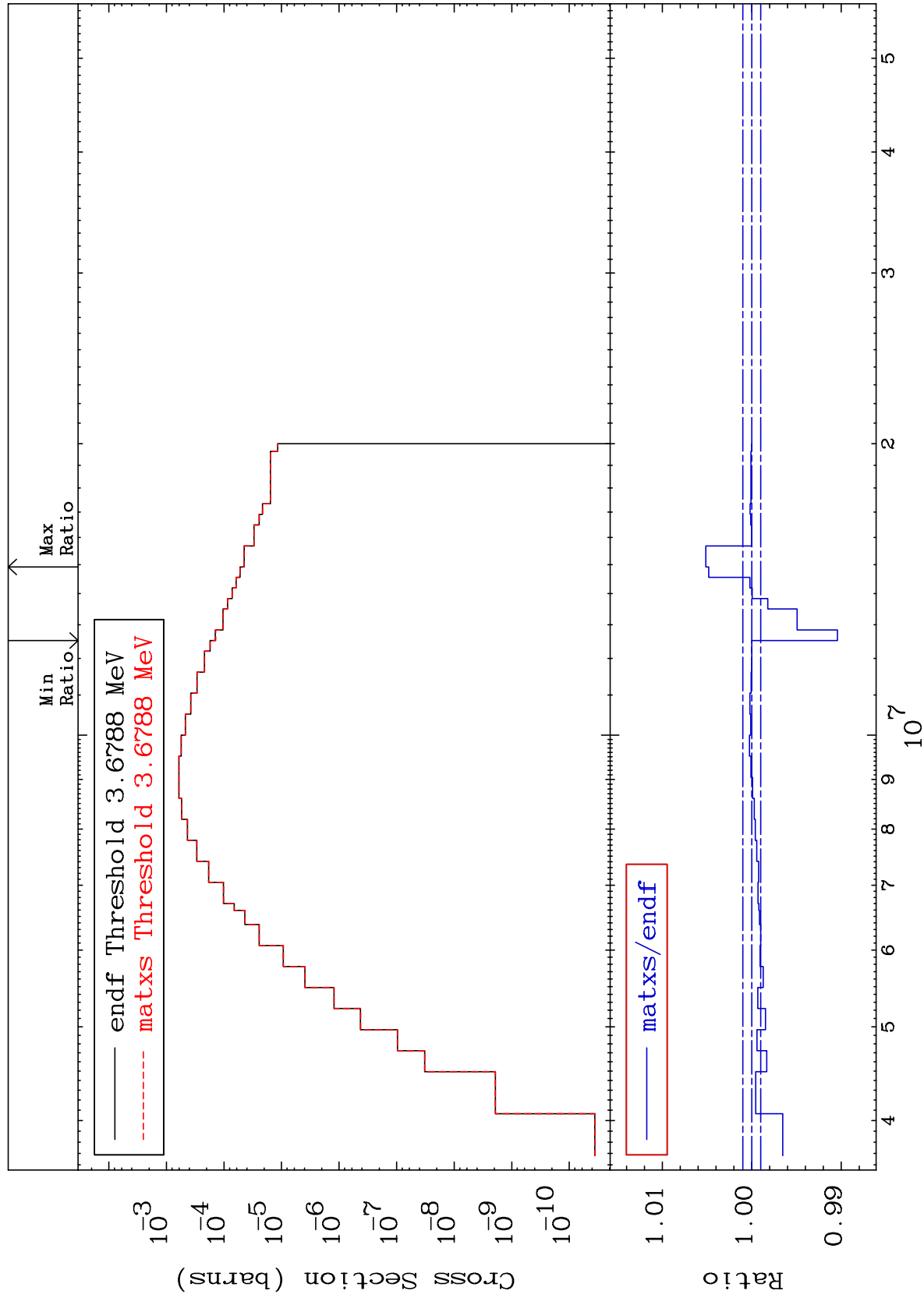
Incident Energy (eV)

20-Ca-43

MAT 2034

4.420 MeV (n, α') Level
Cross Section

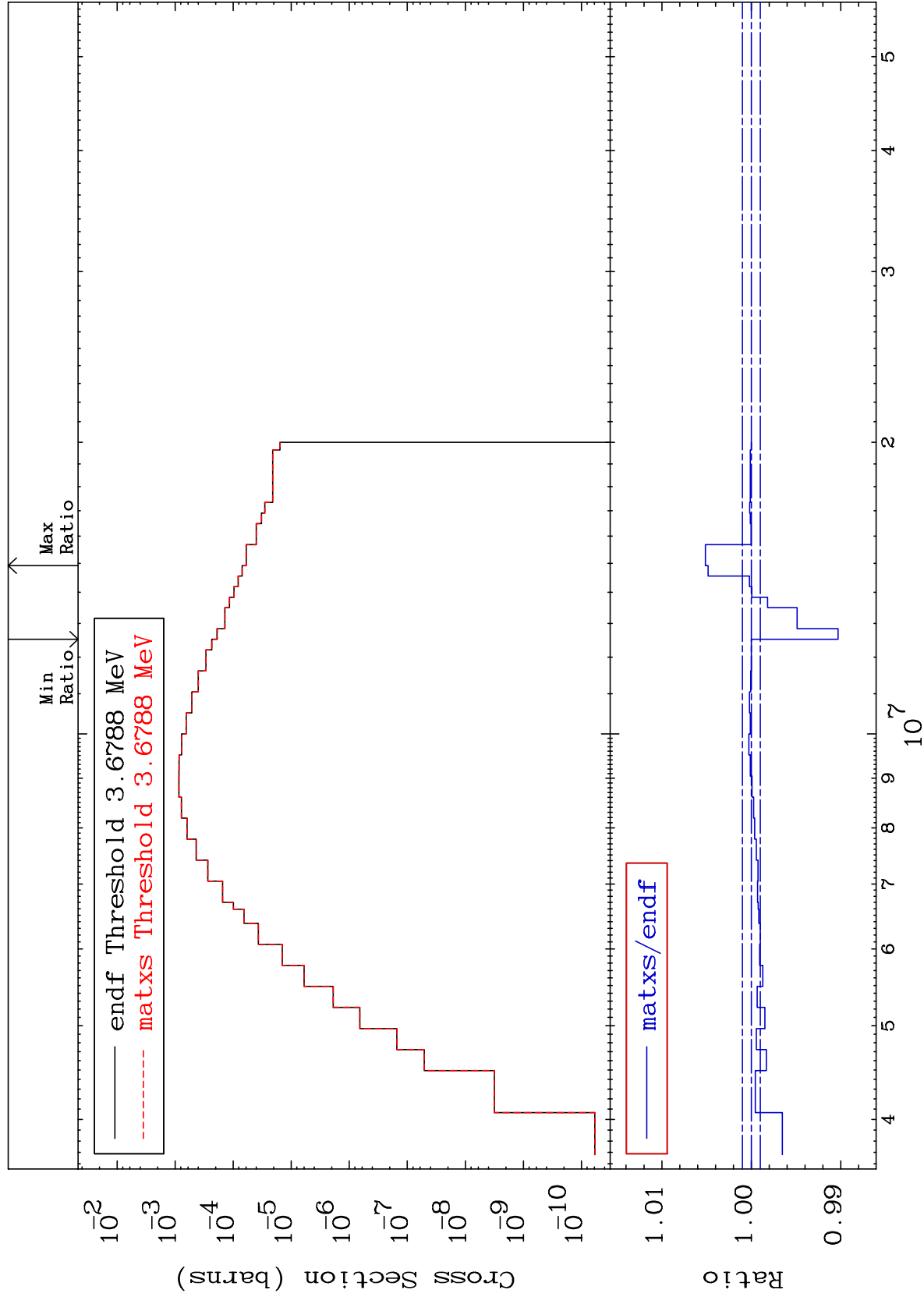
20-Ca-43
-0.957 To 0.513 %



MAT 2034

4.427 MeV (n, α') Level
Cross Section

20-Ca-43
-0.968 To 0.514 %



87

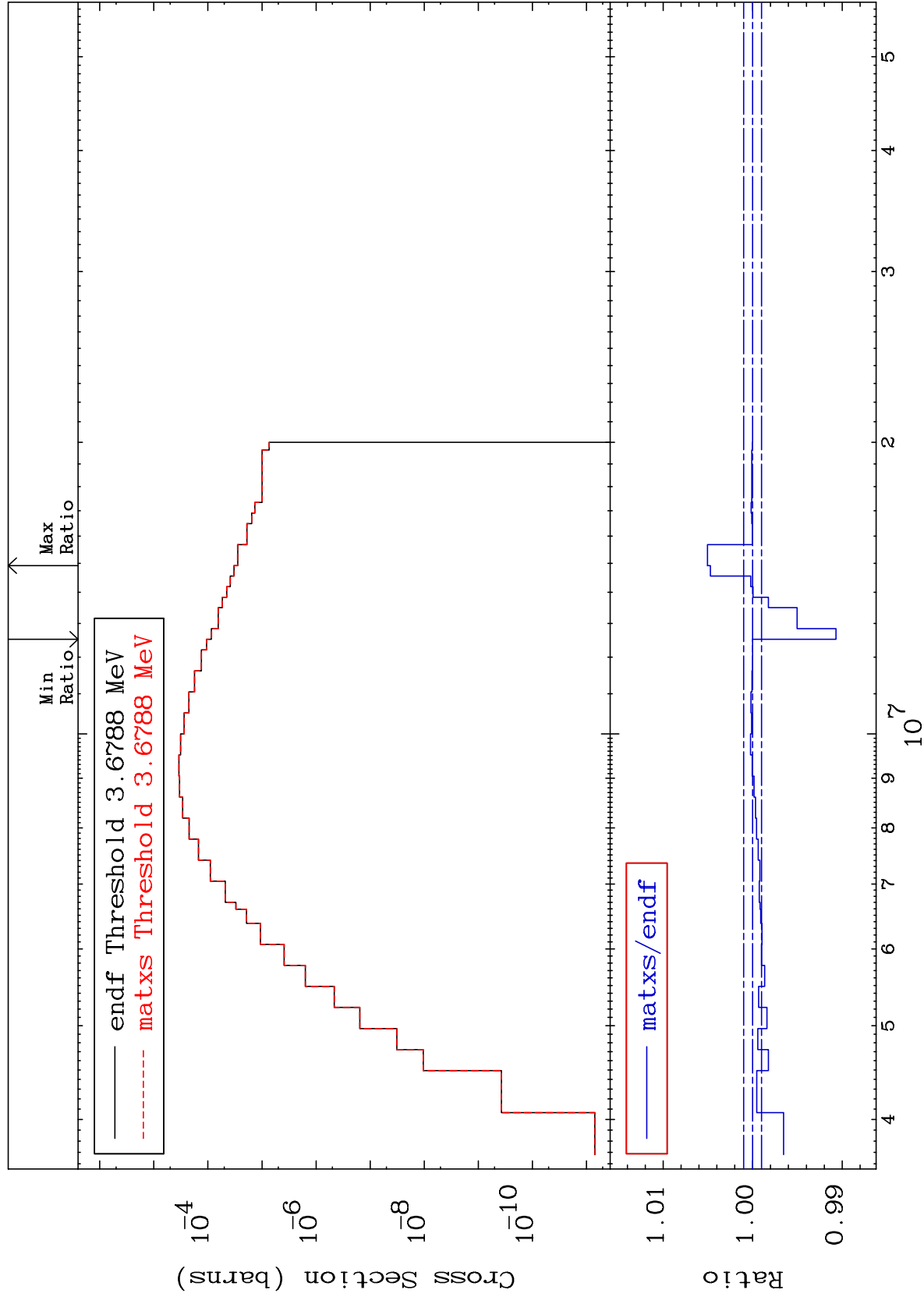
Incident Energy (eV)

20-Ca-43

MAT 2034

4.473 MeV (n, α') Level
Cross Section

20-Ca-43
-0.930 To 0.506 %



MAT 2034

5.378 MeV (n,α') Level
Cross Section

20-Ca-43
-1.039 To 0.381 %

