

Program Complot
(Version 2015-2)

by

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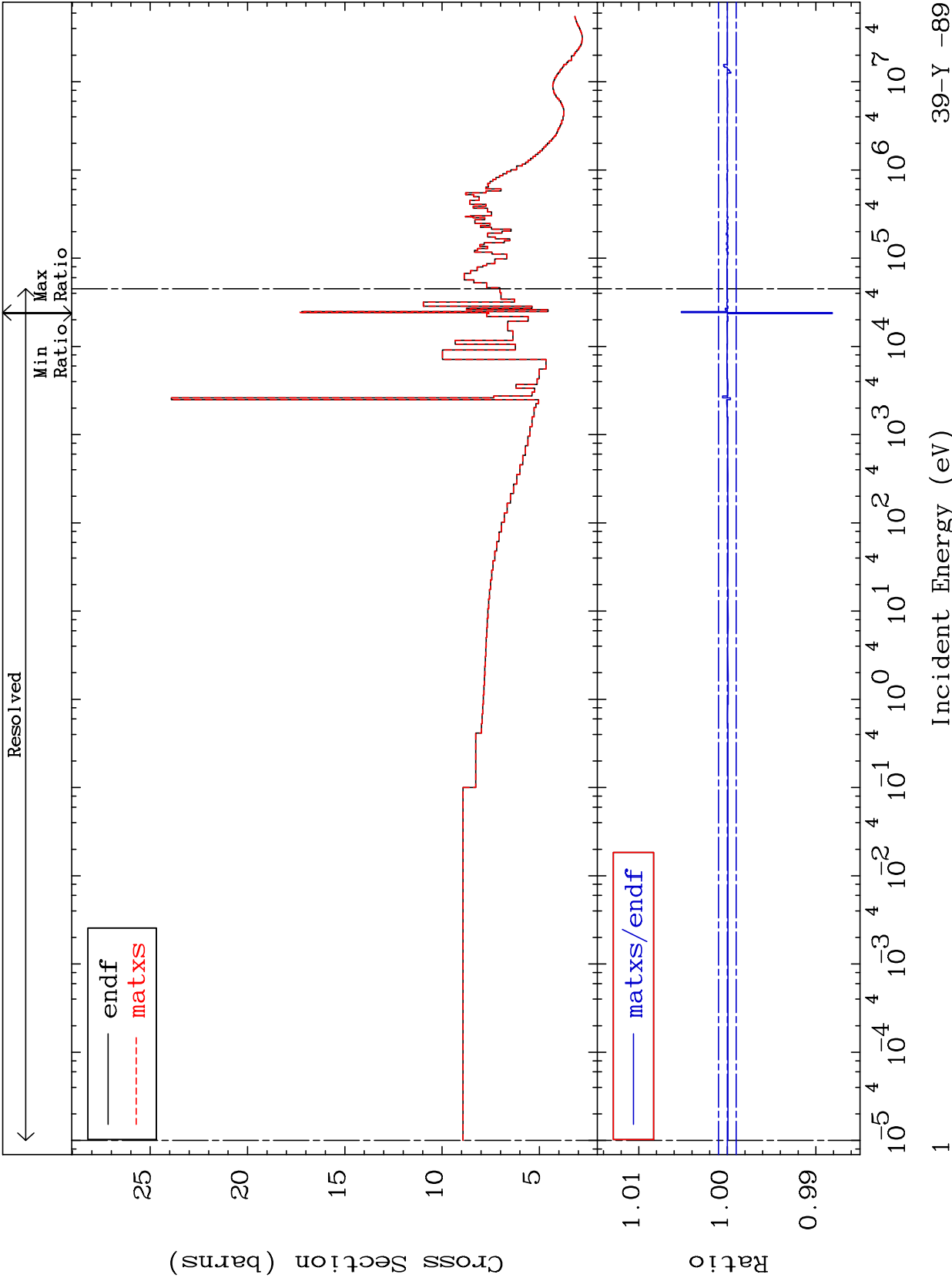
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 3925

Total
Cross Section

39-Y -89
-1.186 To 0.520 %

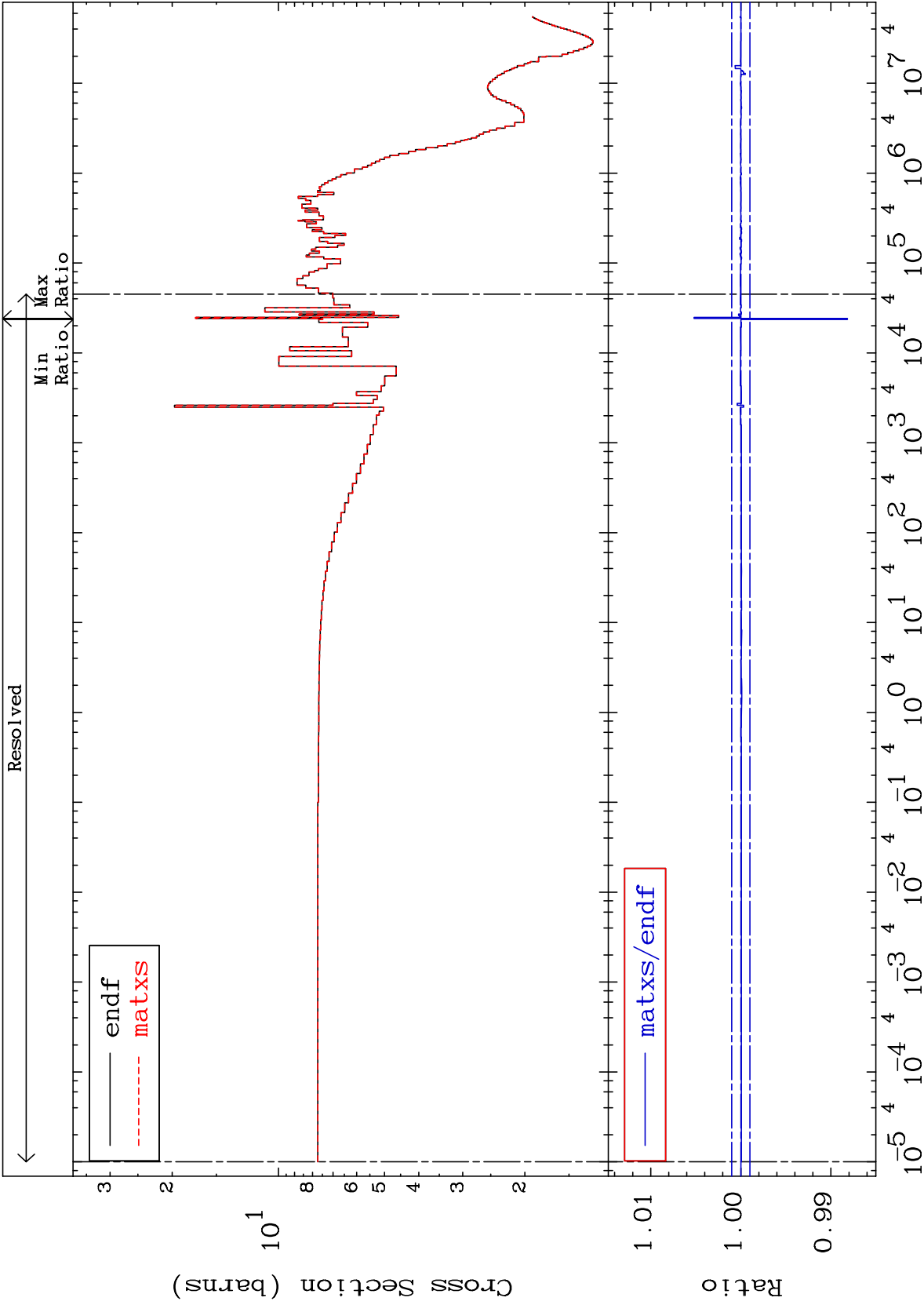


39-Y -89

MAT 3925

Elastic
Cross Section

39-Y -89
-1.183 To 0.519 %



2

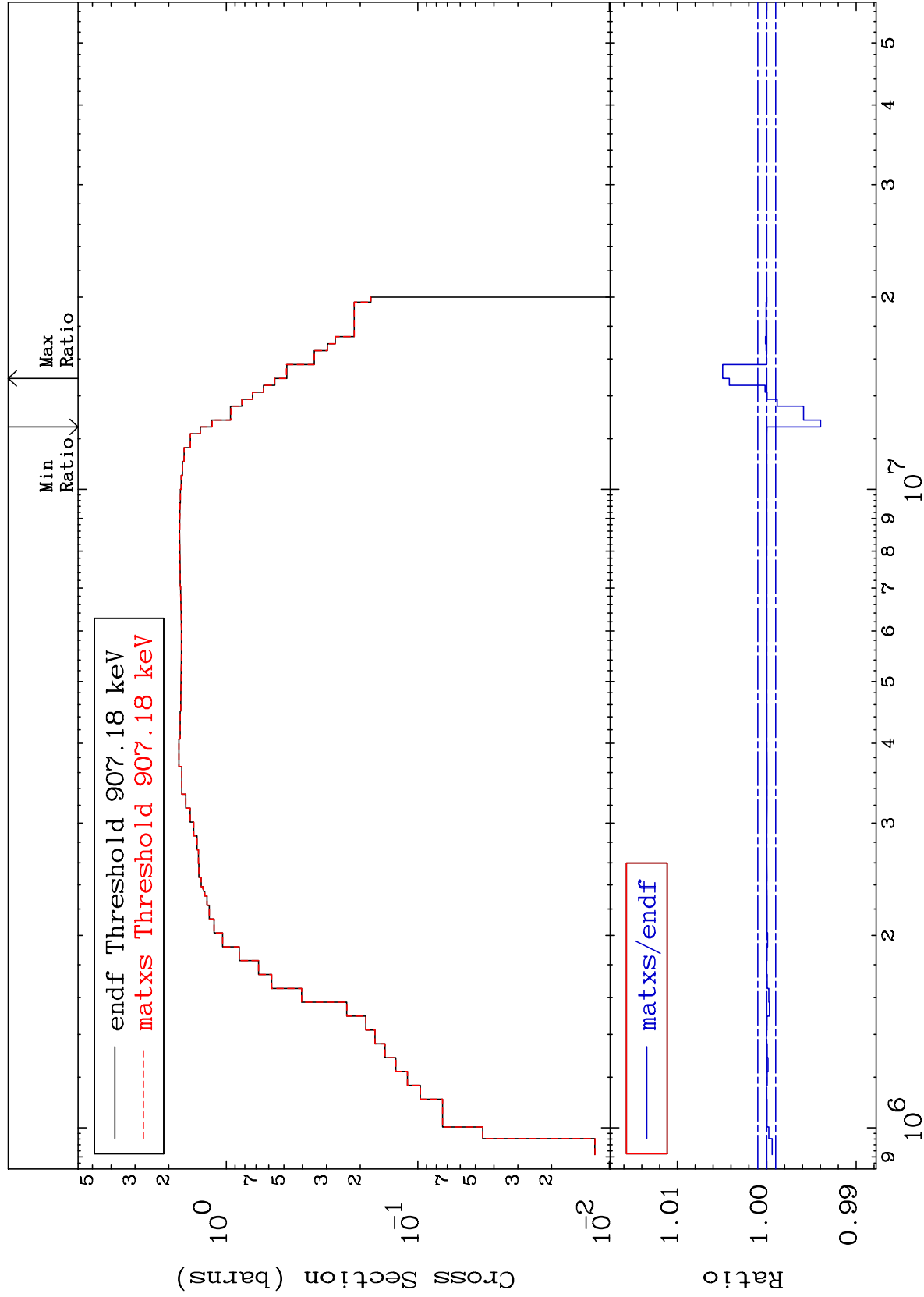
Incident Energy (eV)

39-Y -89

MAT 3925

Inelastic
Cross Section

39-Y -89
-0.603 To 0.494 %



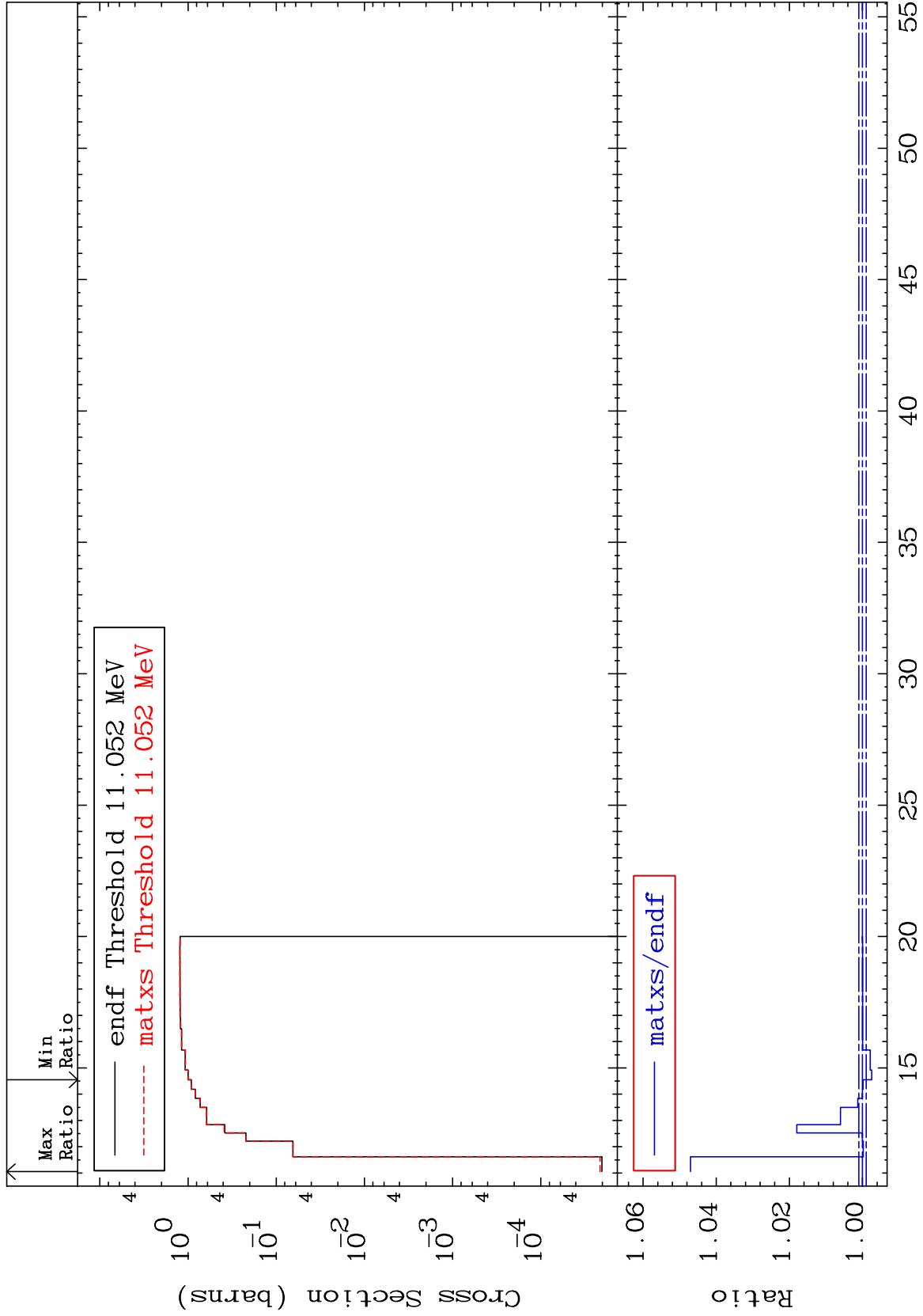
Incident Energy (eV)

39-Y -89

MAT 3925

(n,2n)
Cross Section

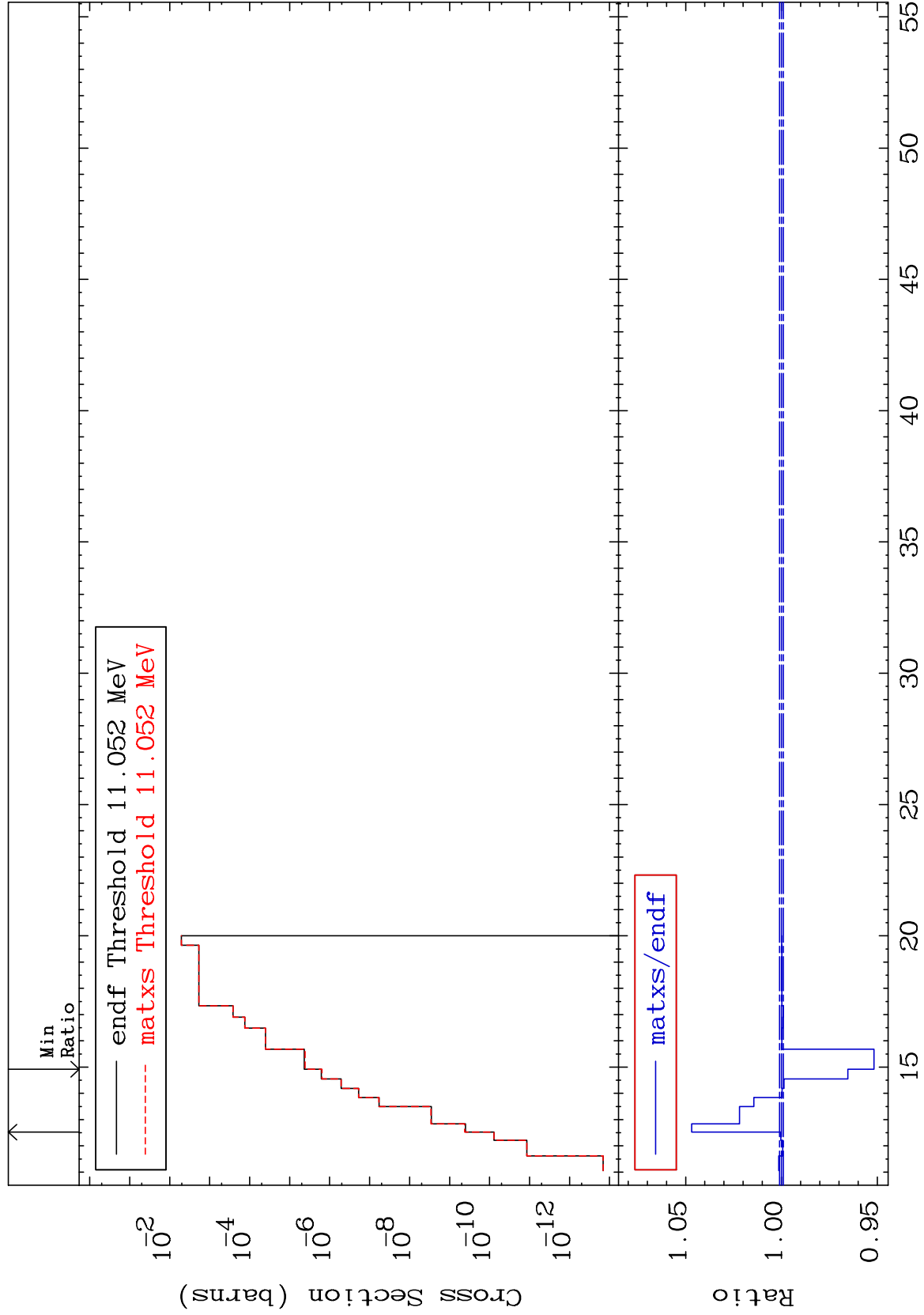
39-Y -89
-0.251 To 4.703 %



MAT 3925

(n, n') α
Cross Section

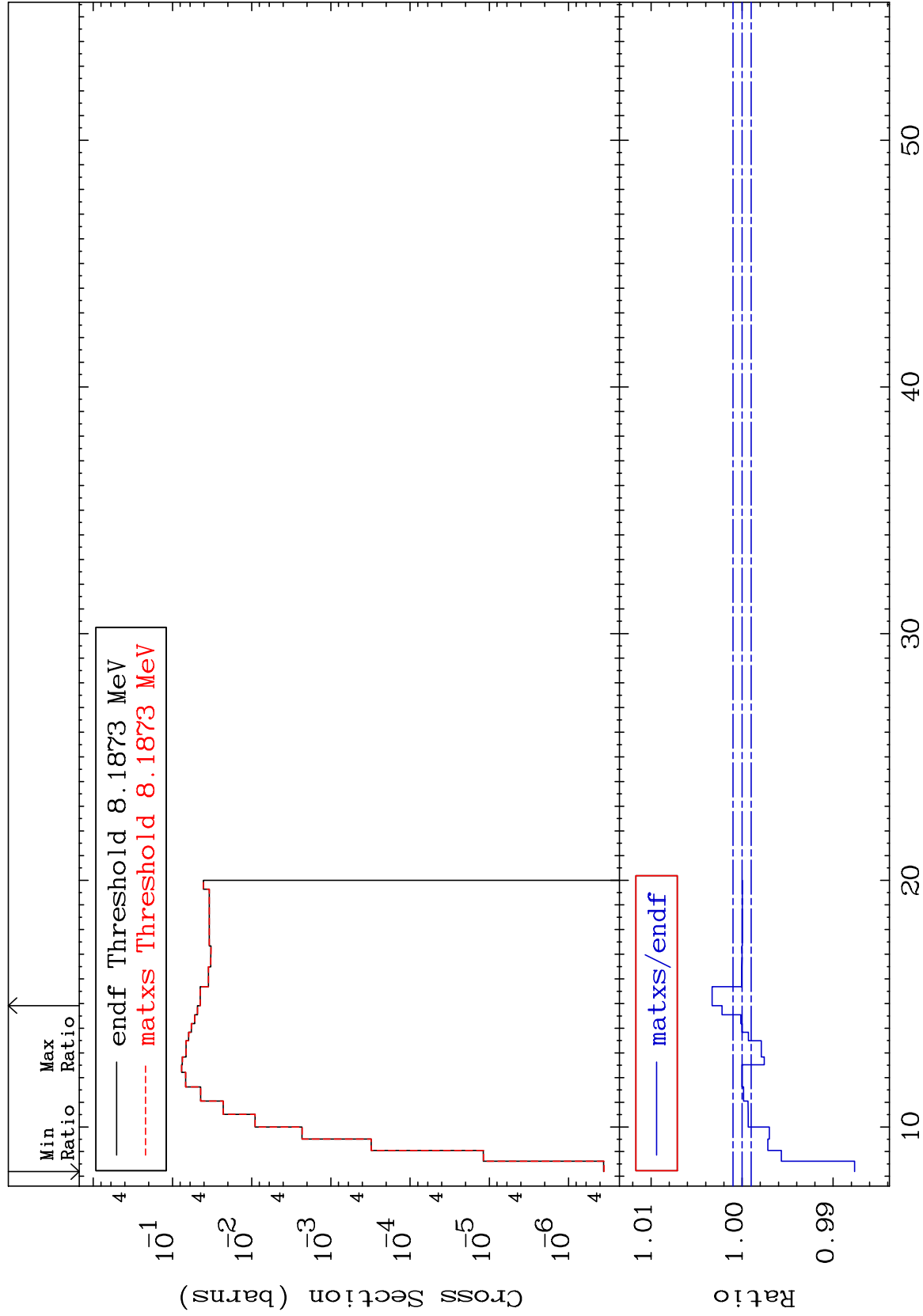
39-Y -89
-4.827 To 4.685 %



MAT 3925

(n, n') p
Cross Section

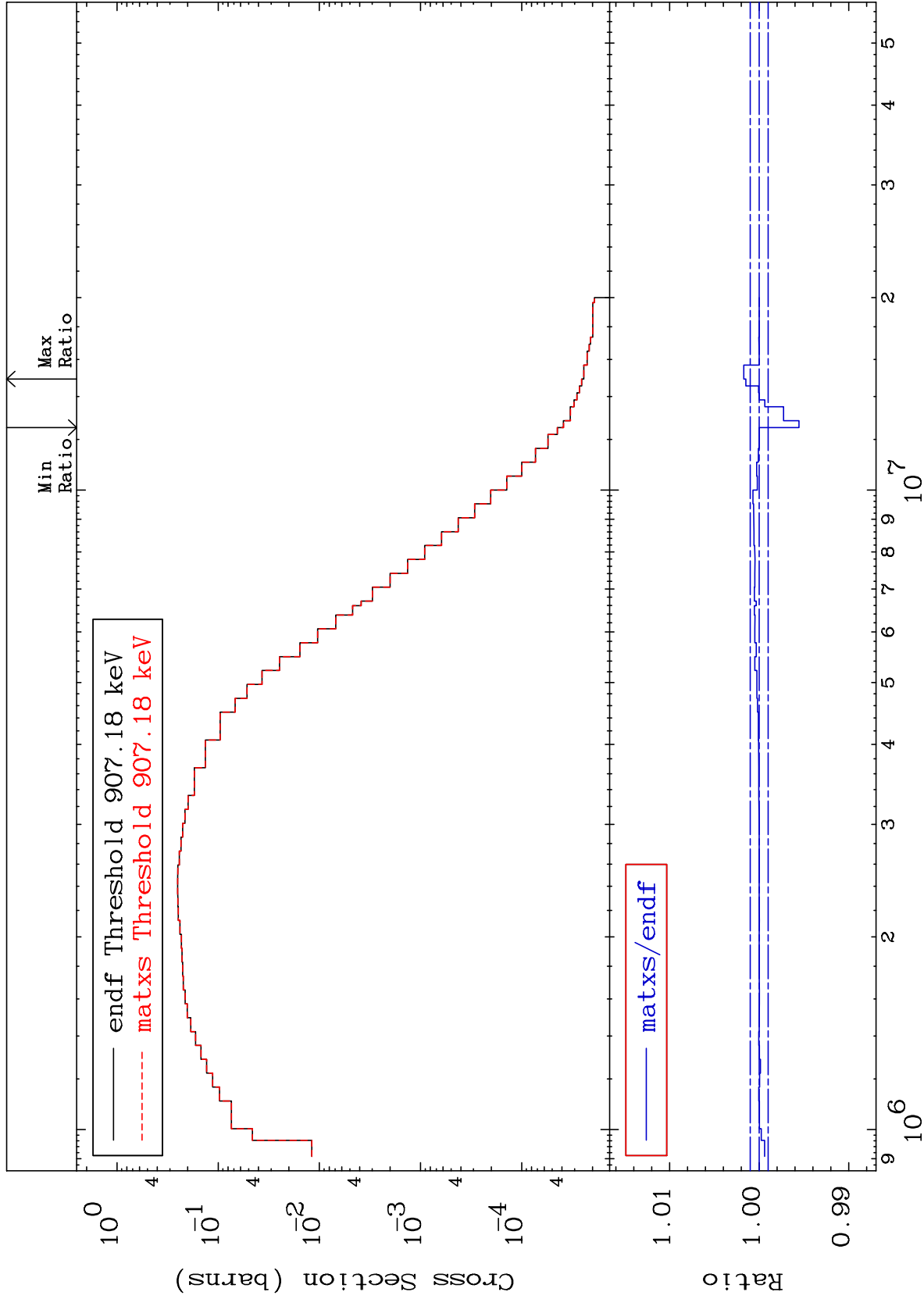
39-Y -89
-1.236 To 0.330 %



MAT 3925

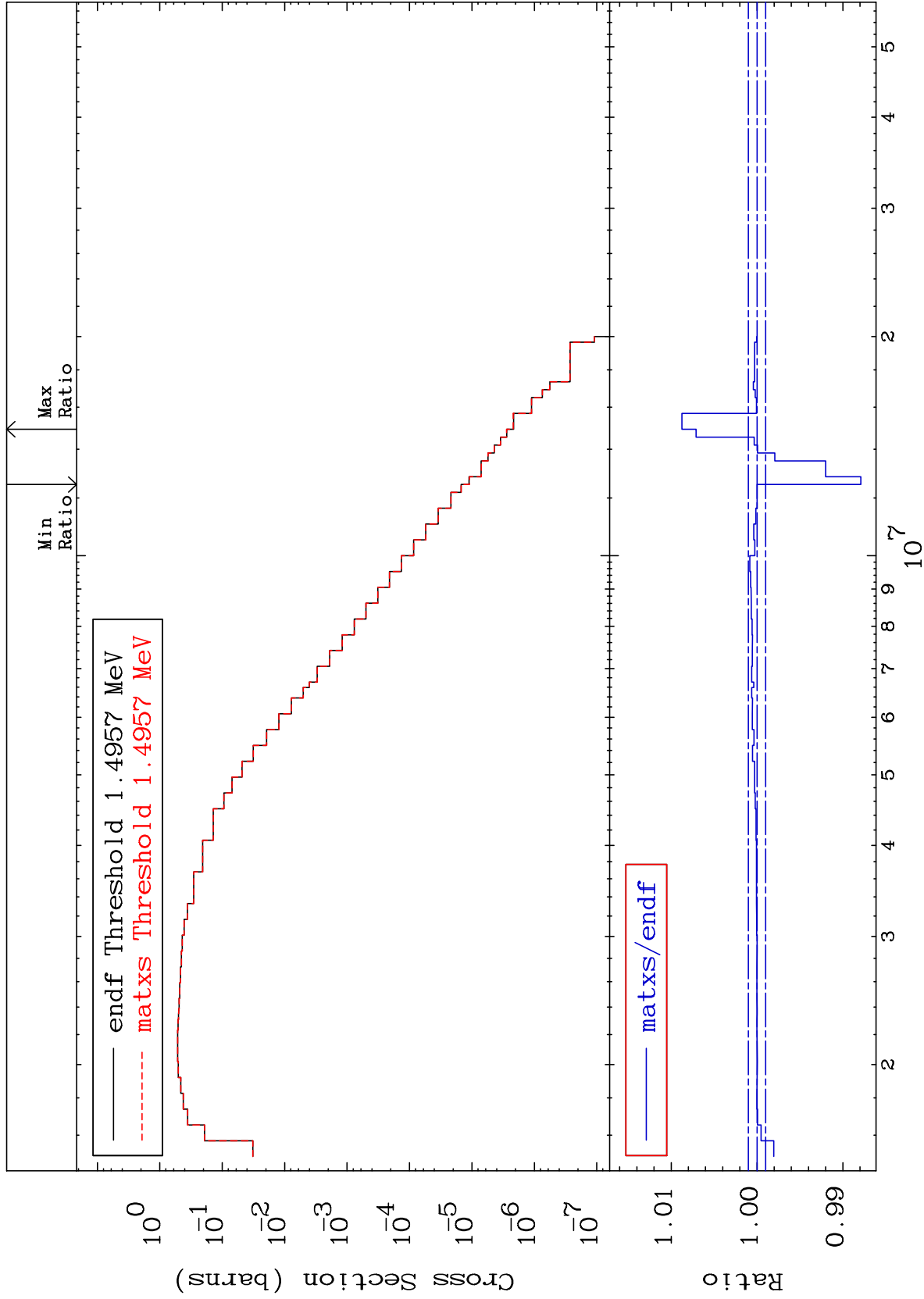
909.0 keV (n,n') Level
Cross Section

39-Y -89
-0.445 To 0.172 %



Incident Energy (eV)

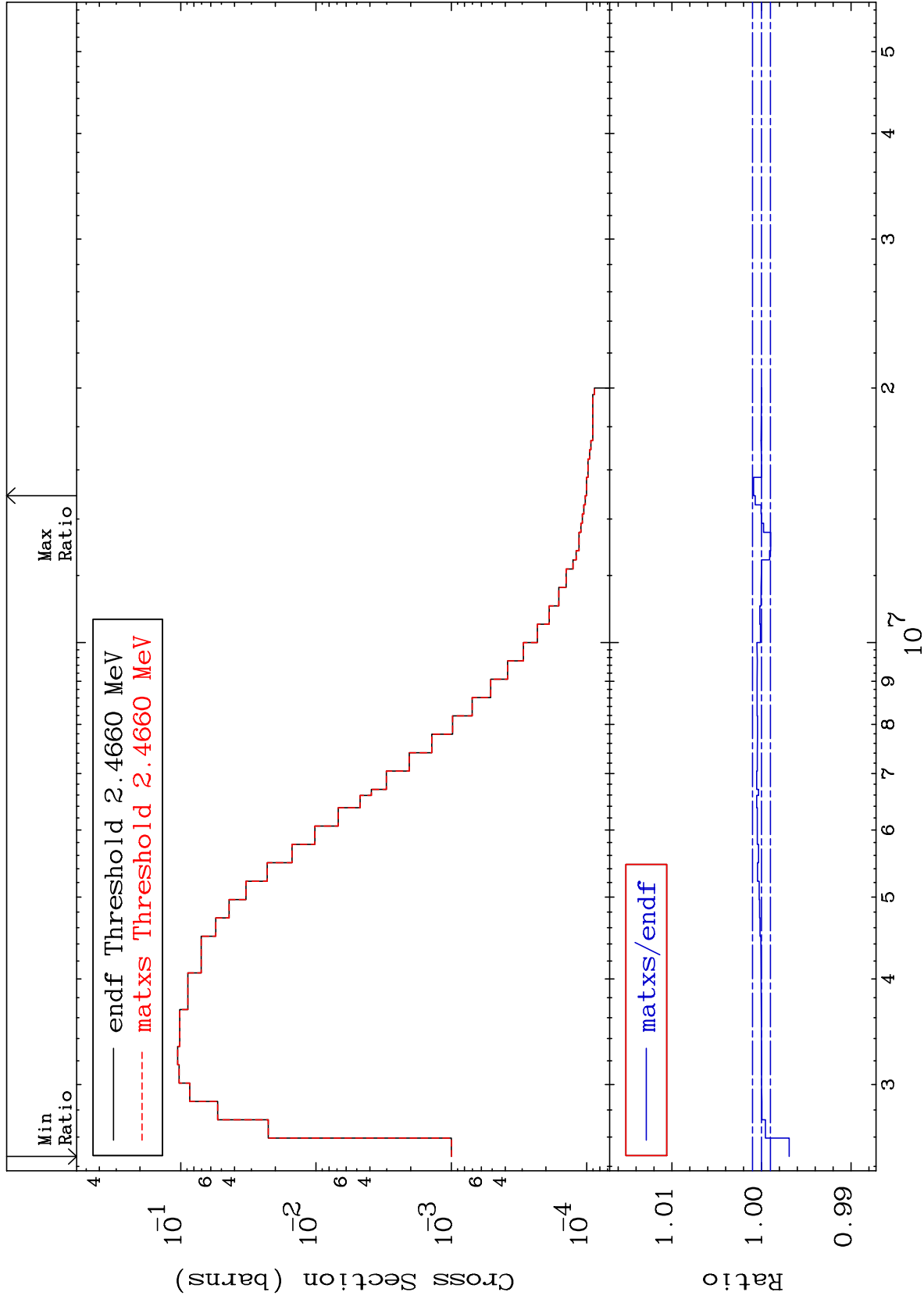
39-Y -89



MAT 3925

2.530 MeV (n,n') Level
Cross Section

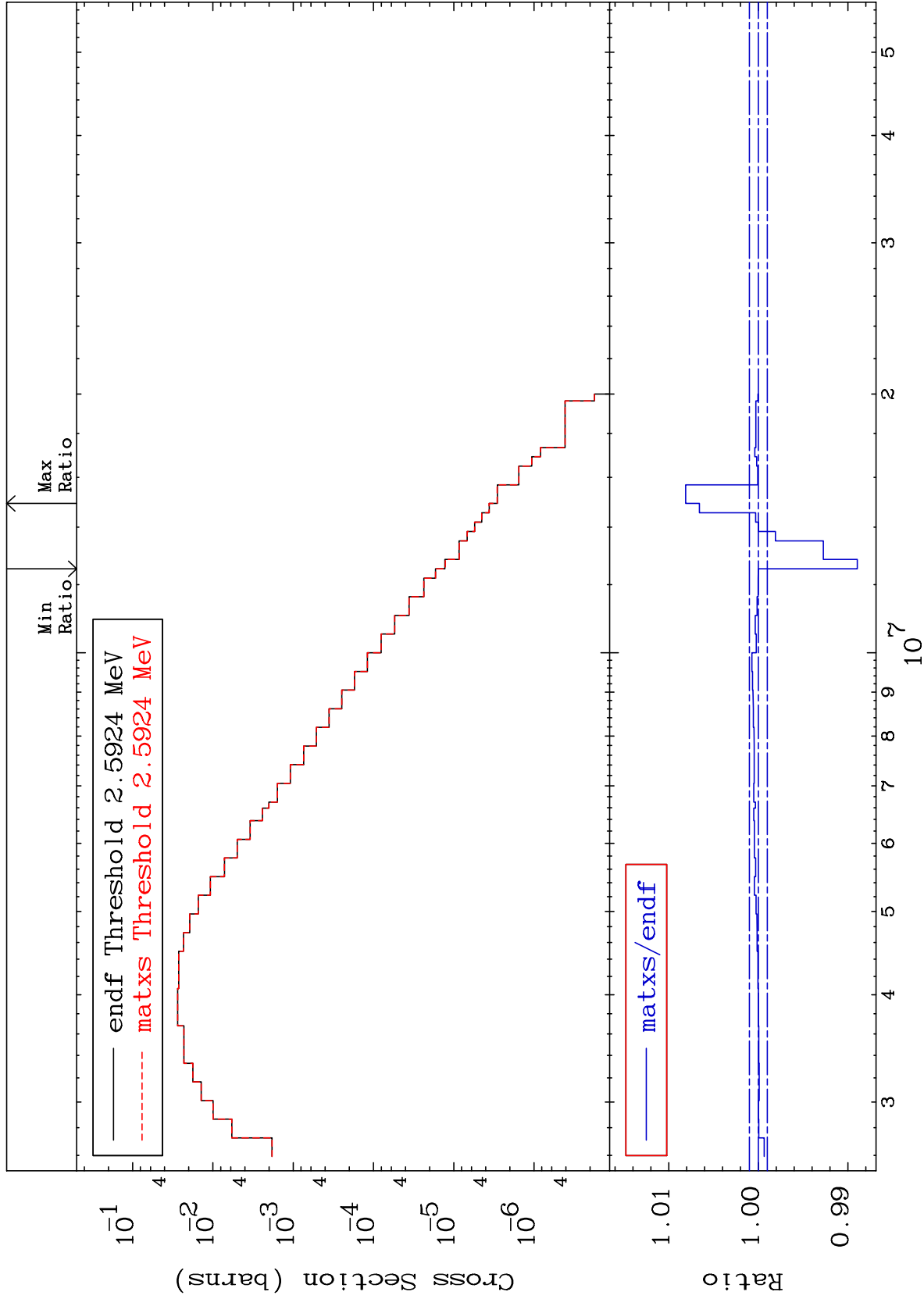
39-Y -89
-0.311 To 0.089 %



MAT 3925

2.566 MeV (n,n') Level
Cross Section

39-Y -89
-1.104 To 0.811 %



10

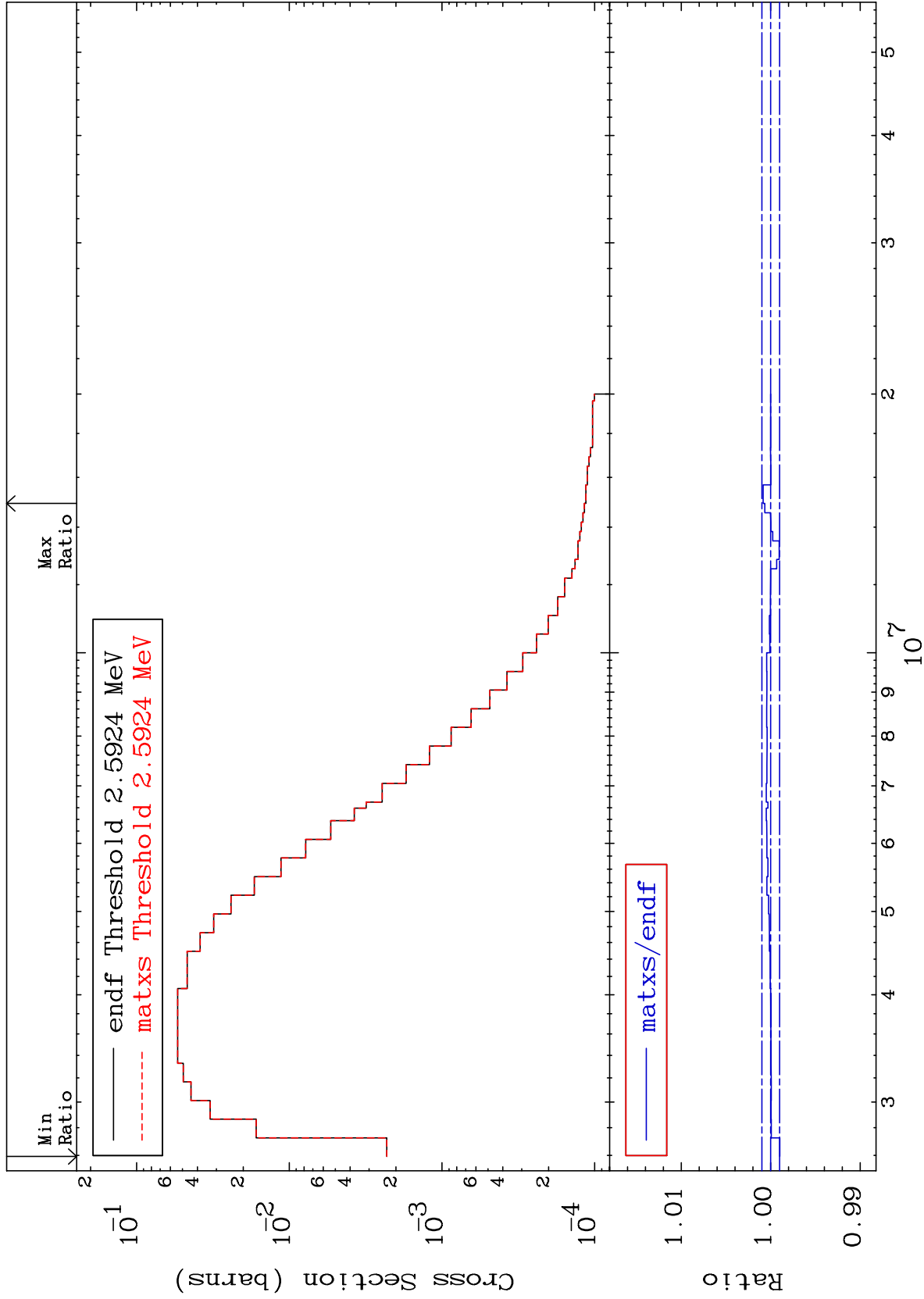
Incident Energy (eV)

39-Y -89

MAT 3925

2.622 MeV (n,n') Level
Cross Section

39-Y -89
-0.101 To 0.086 %



11

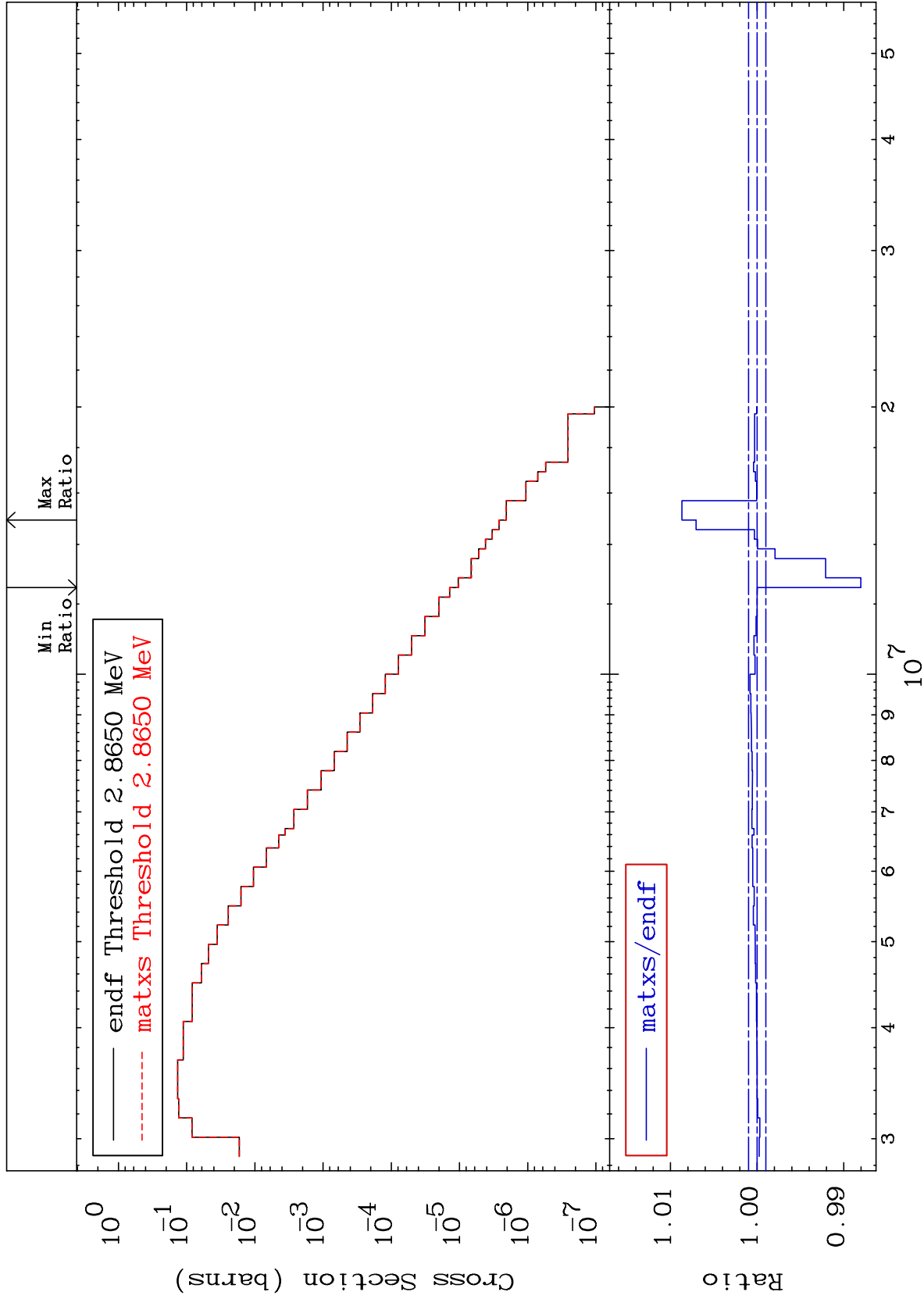
Incident Energy (eV)

39-Y -89

MAT 3925

2.881 MeV (n,n') Level
Cross Section

39-Y -89
-1.197 To 0.868 %



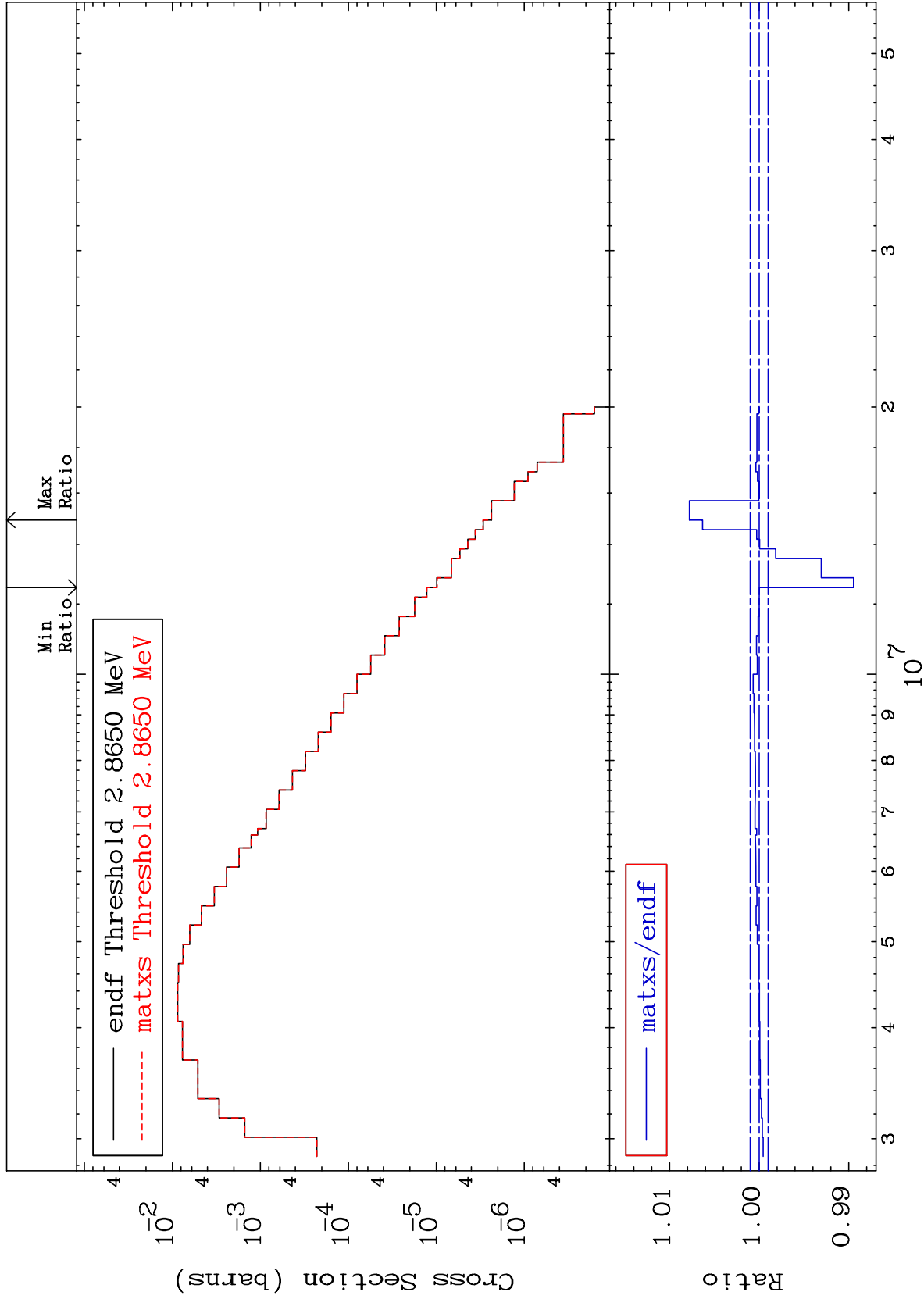
12

39-Y -89

MAT 3925

2.895 MeV (n,n') Level
Cross Section

39-Y -89
-1.052 To 0.781 %



13

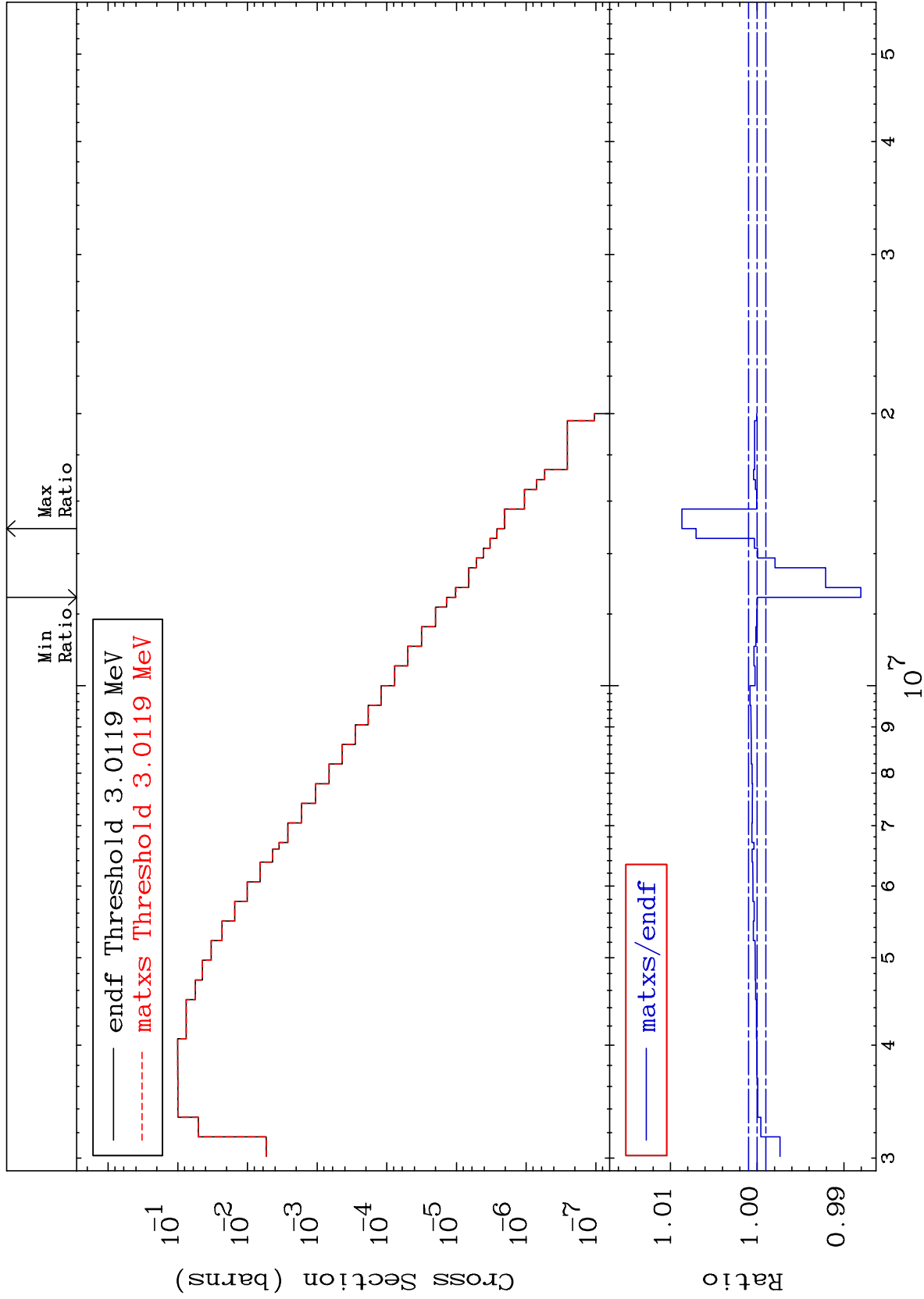
Incident Energy (eV)

39-Y -89

MAT 3925

3.068 MeV (n,n') Level
Cross Section

39-Y -89
-1.196 To 0.867 %



14

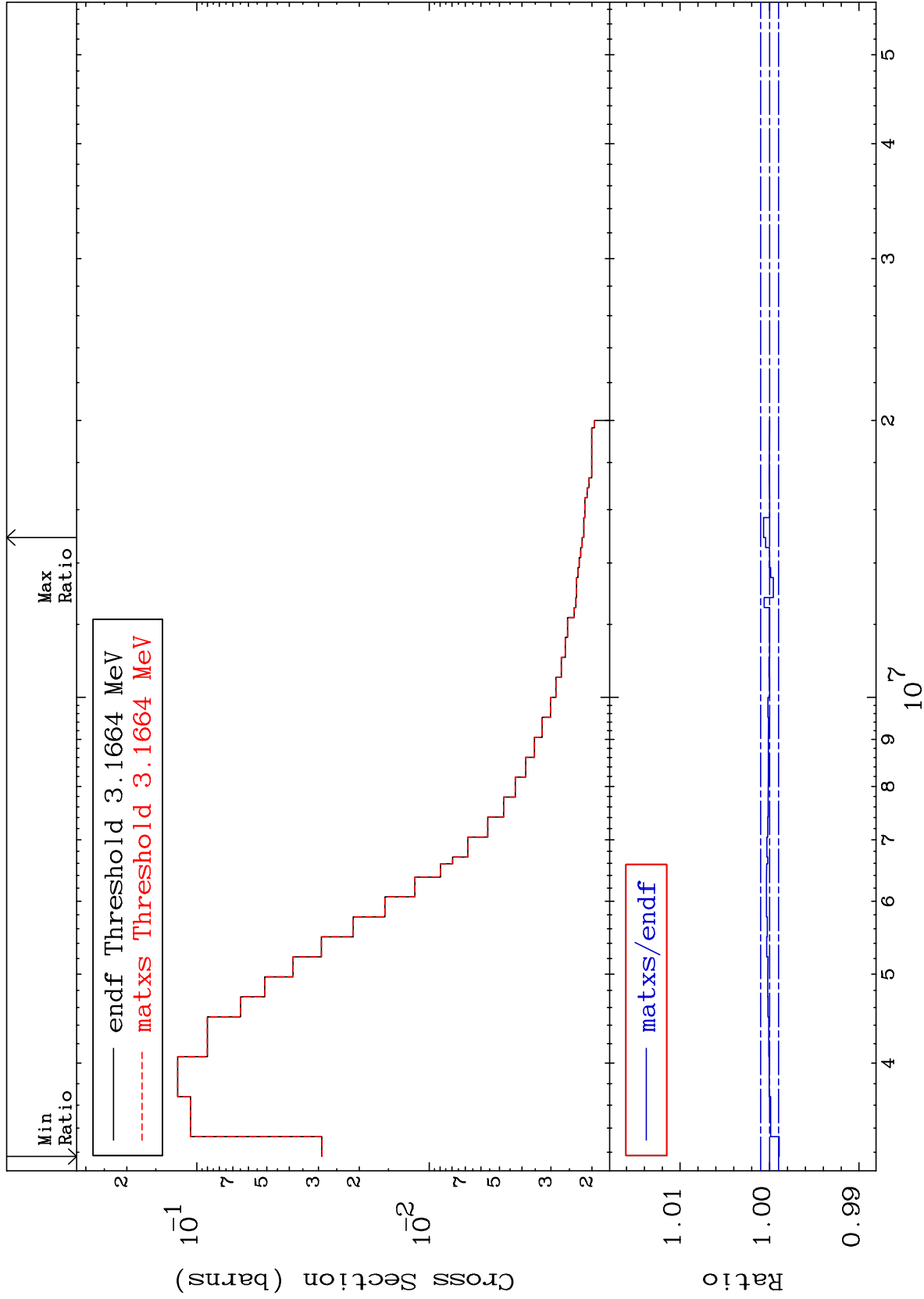
Incident Energy (eV)

39-Y -89

MAT 3925

3.139 MeV (n,n') Level
Cross Section

39-Y -89
-0.108 To 0.067 %



16

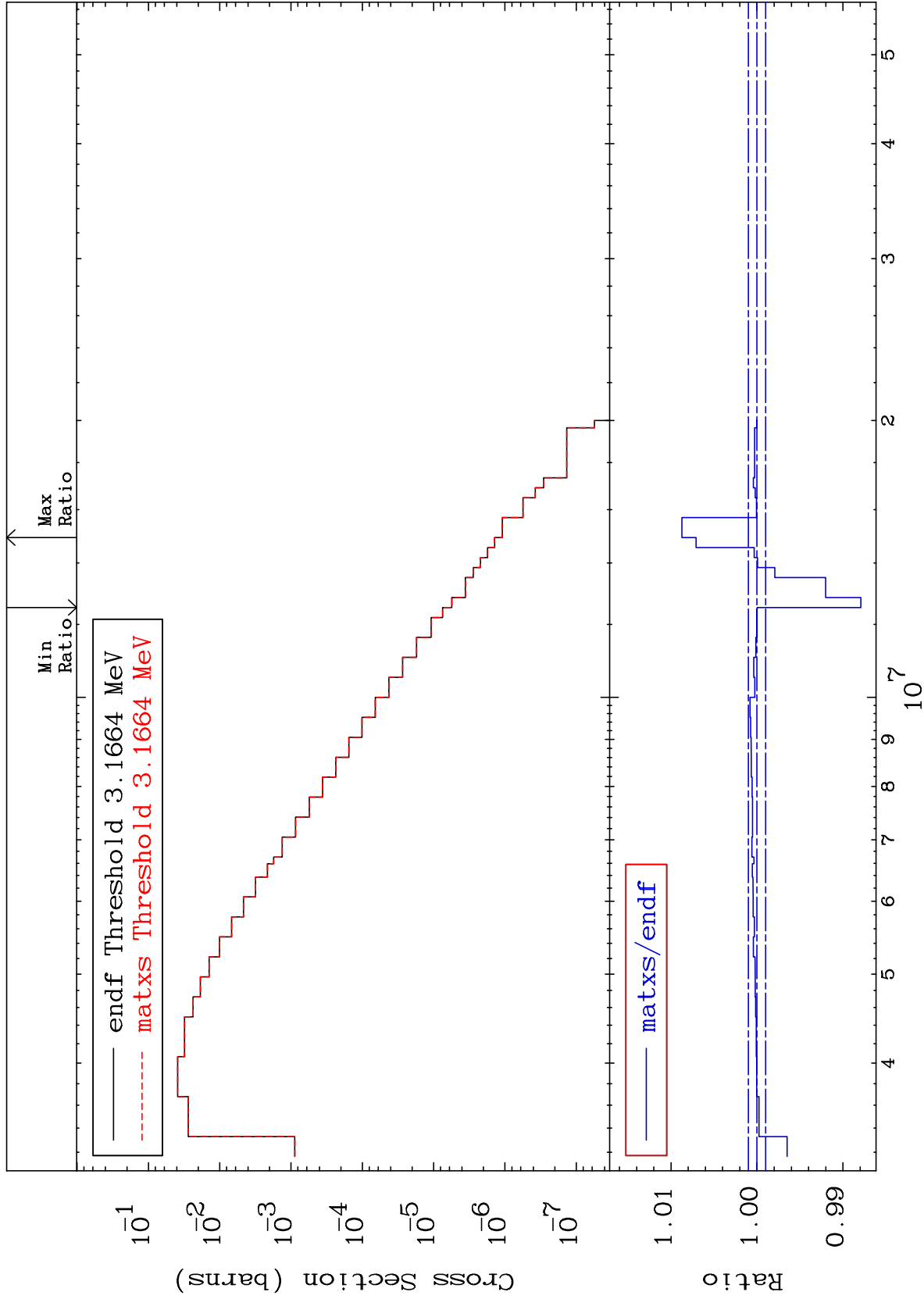
Incident Energy (eV)

39-Y -89

MAT 3925

3.248 MeV (n,n') Level
Cross Section

39-Y -89
-1.208 To 0.873 %



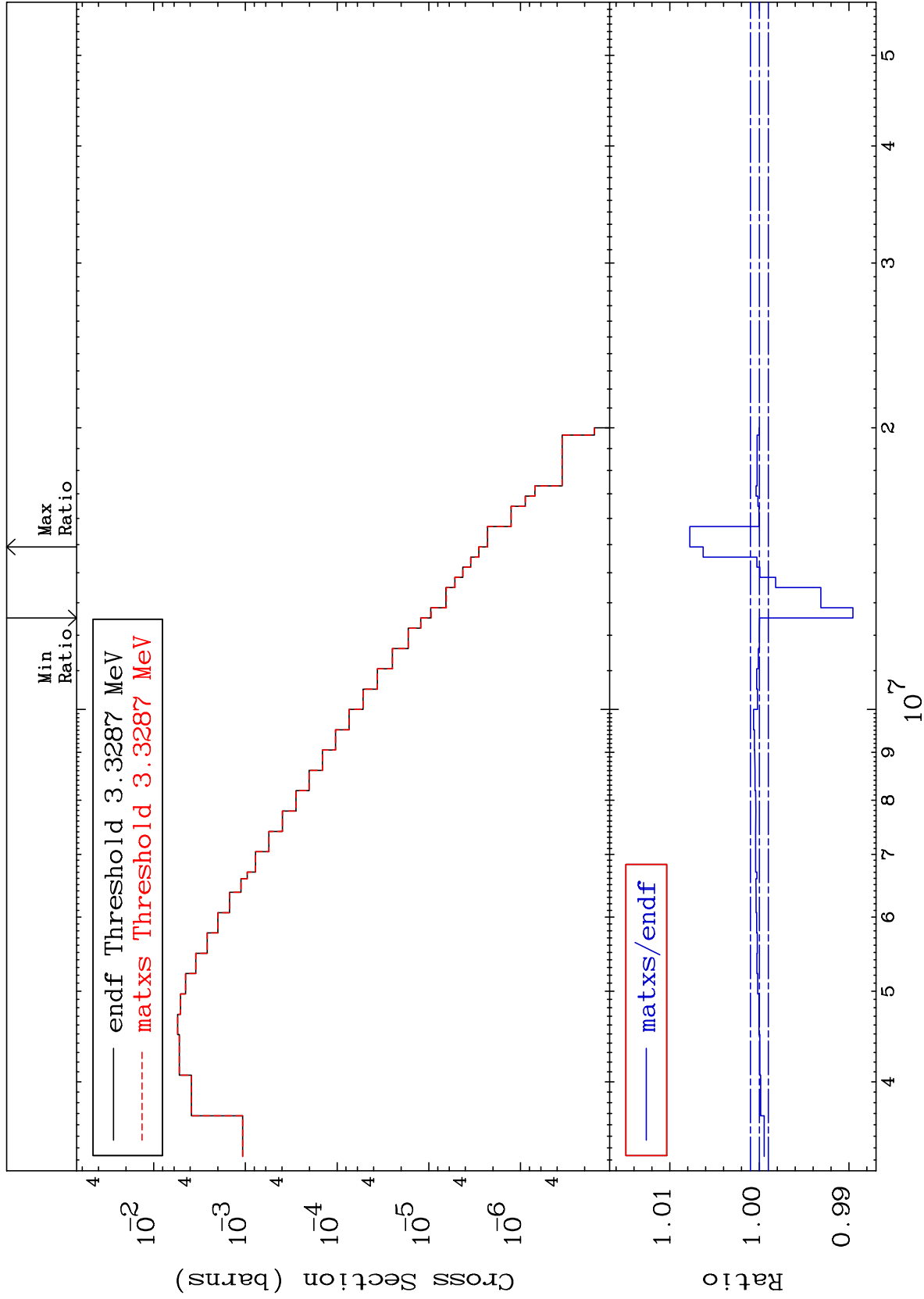
17

39-Y -89

MAT 3925

3.343 MeV (n,n') Level
Cross Section

39-Y -89
-1.043 To 0.777 %



18

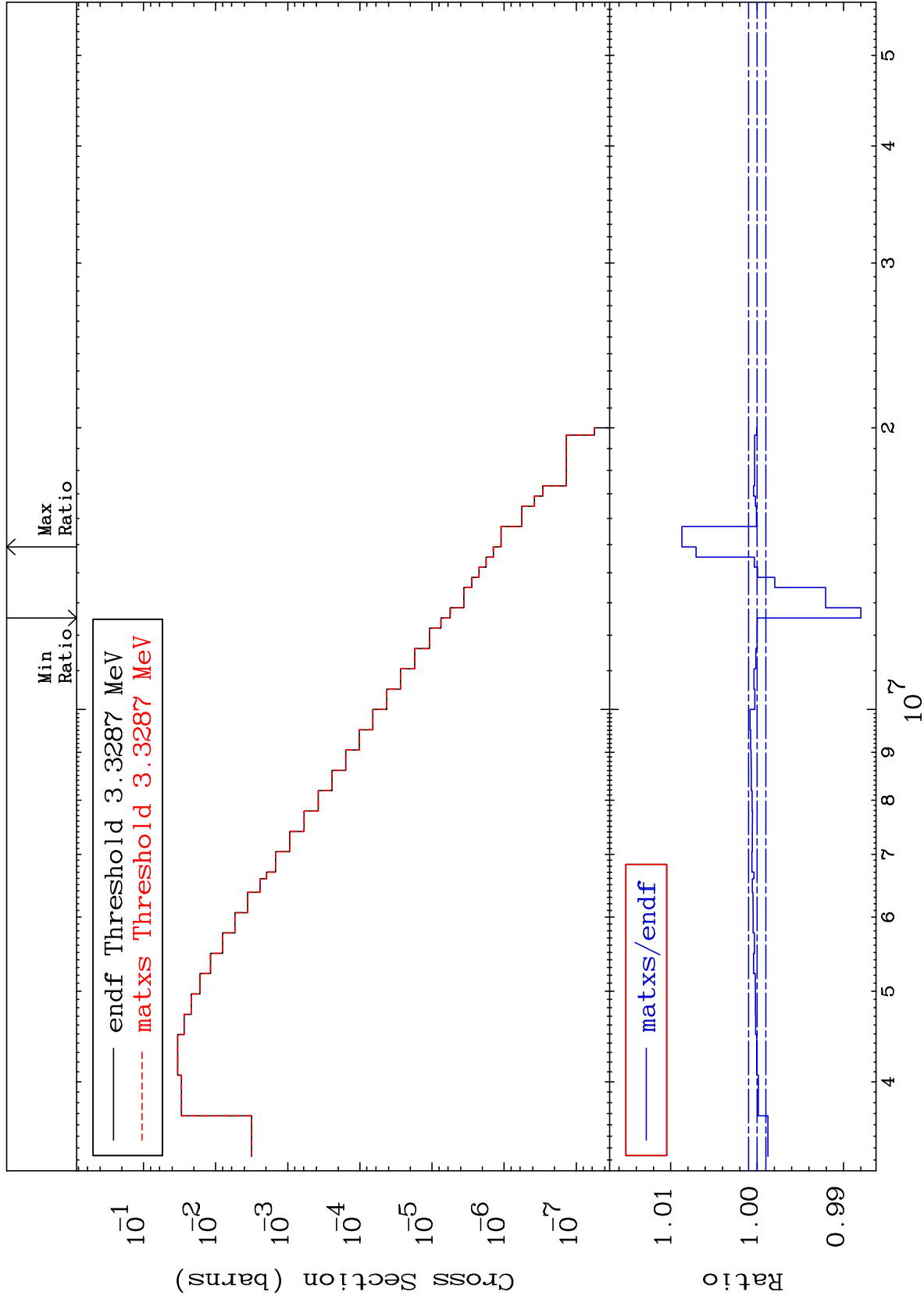
Incident Energy (eV)

39-Y -89

MAT 3925

3.504 MeV (n,n') Level
Cross Section

39-Y -89
-1.201 To 0.870 %



19

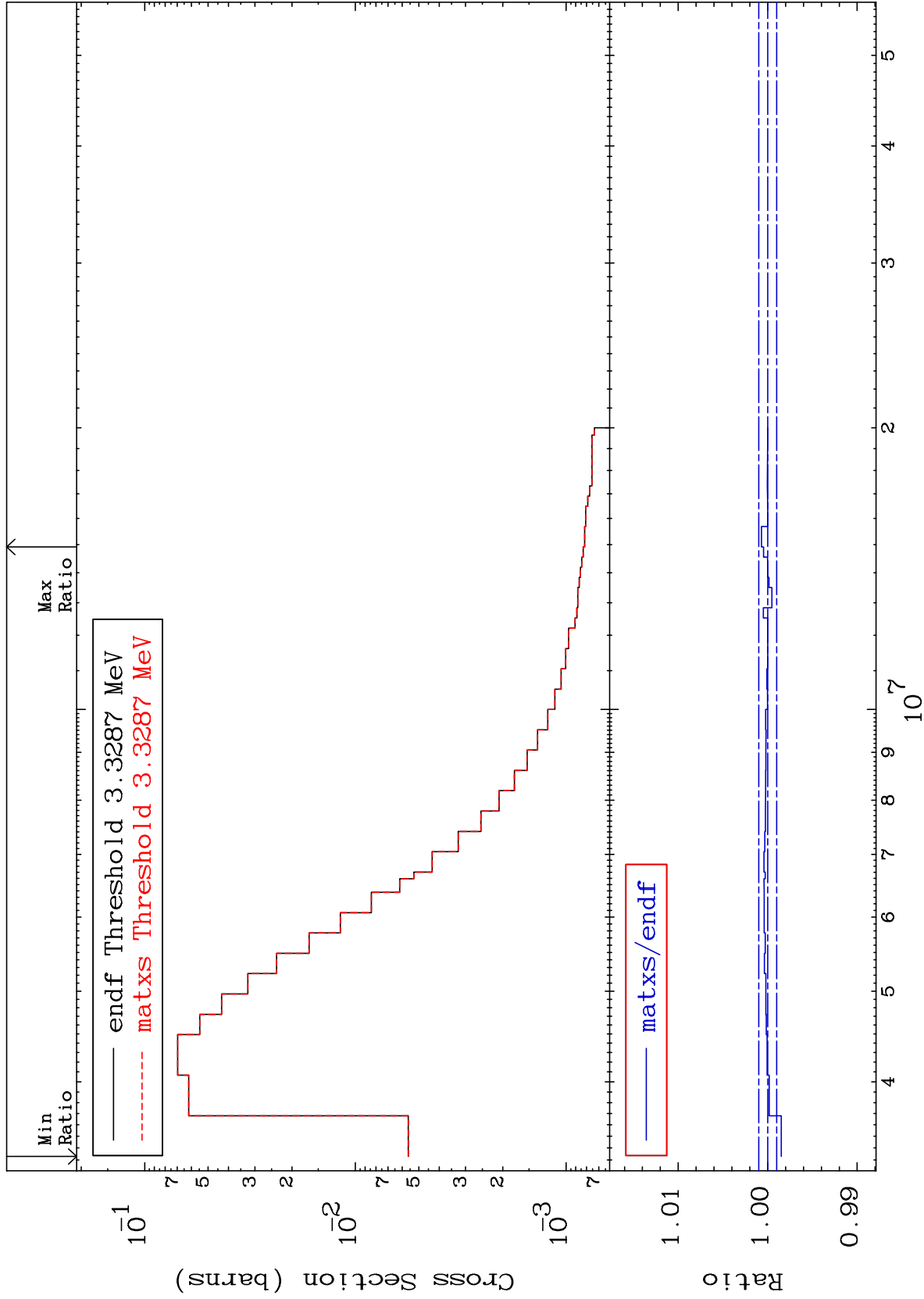
Incident Energy (eV)

39-Y -89

MAT 3925

3.516 MeV (n,n') Level
Cross Section

39-Y -89
-0.151 To 0.069 %



20

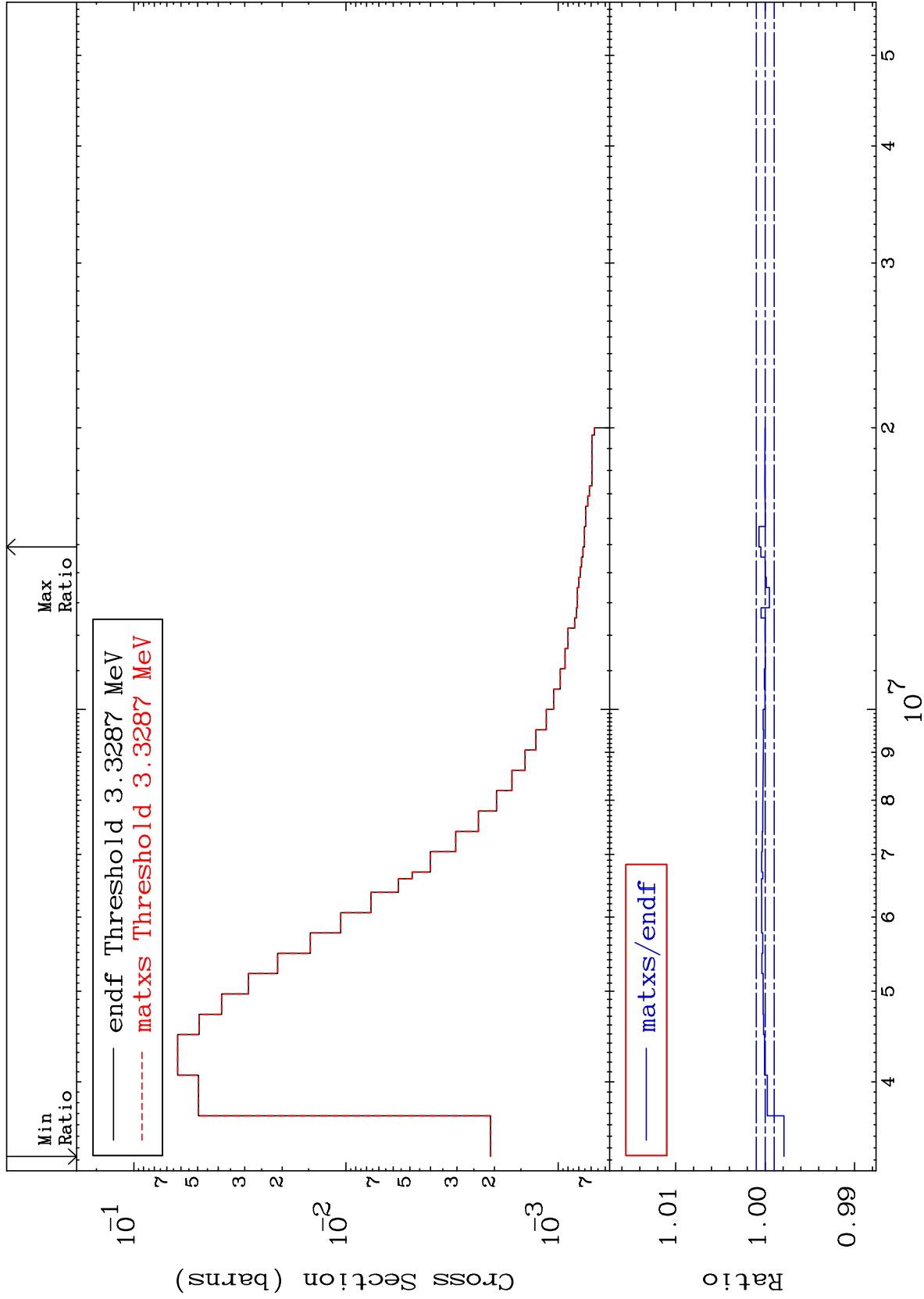
Incident Energy (eV)

39-Y -89

MAT 3925

3.557 MeV (n,n') Level
Cross Section

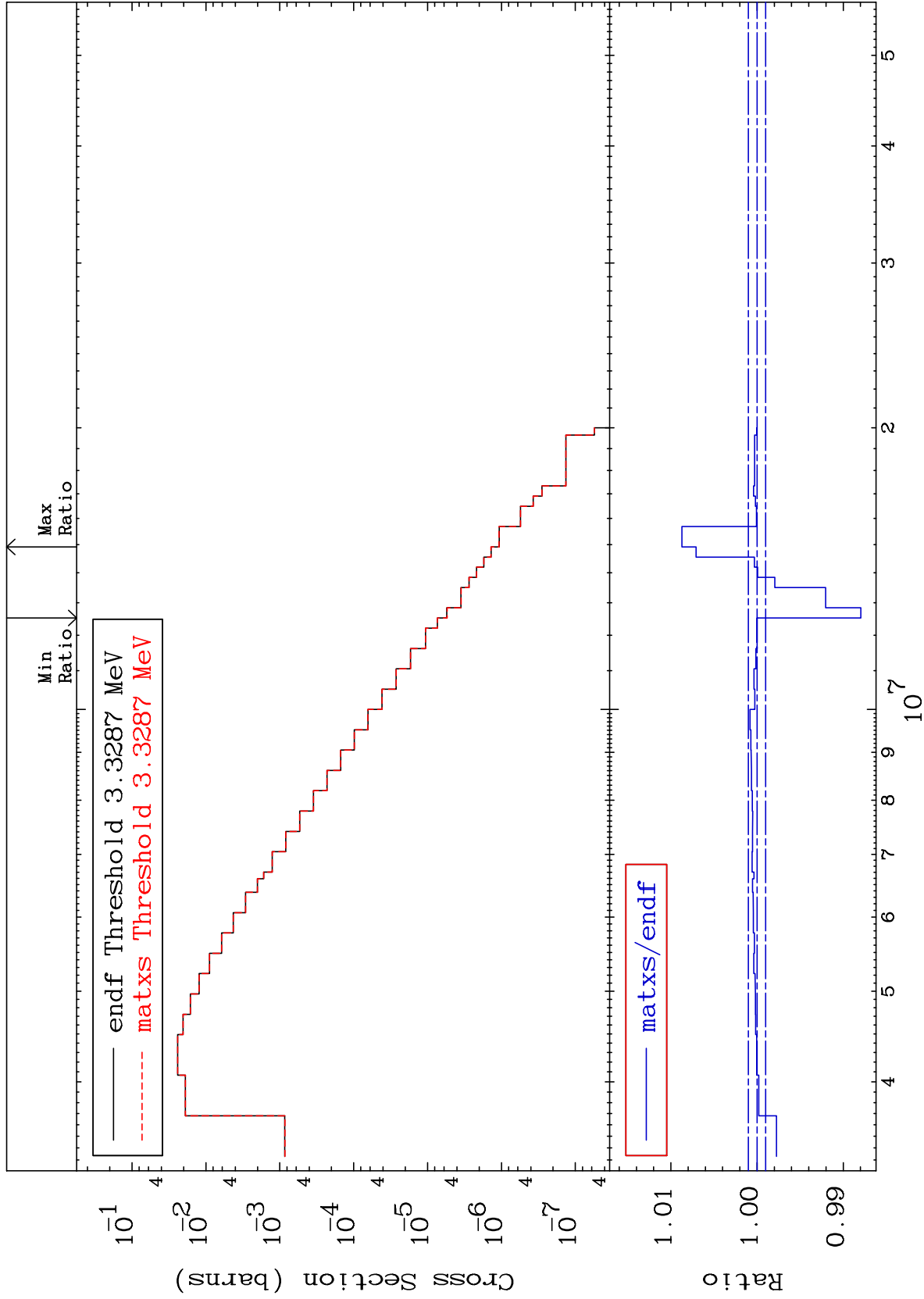
39-Y -89
-0.209 To 0.069 %



MAT 3925

3.560 MeV (n,n') Level
Cross Section

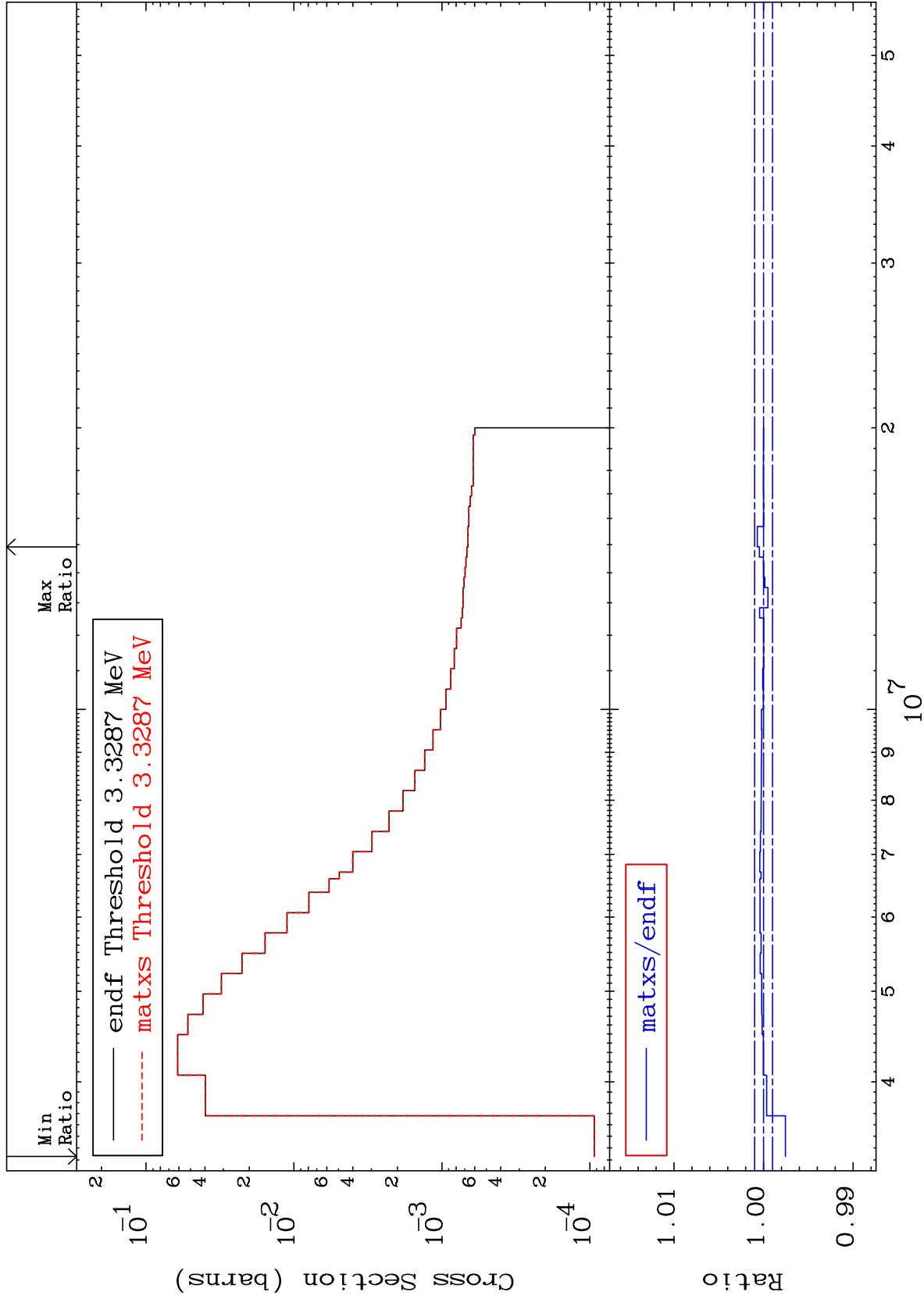
39-Y -89
-1.204 To 0.872 %



MAT 3925

3.621 MeV (n,n') Level
Cross Section

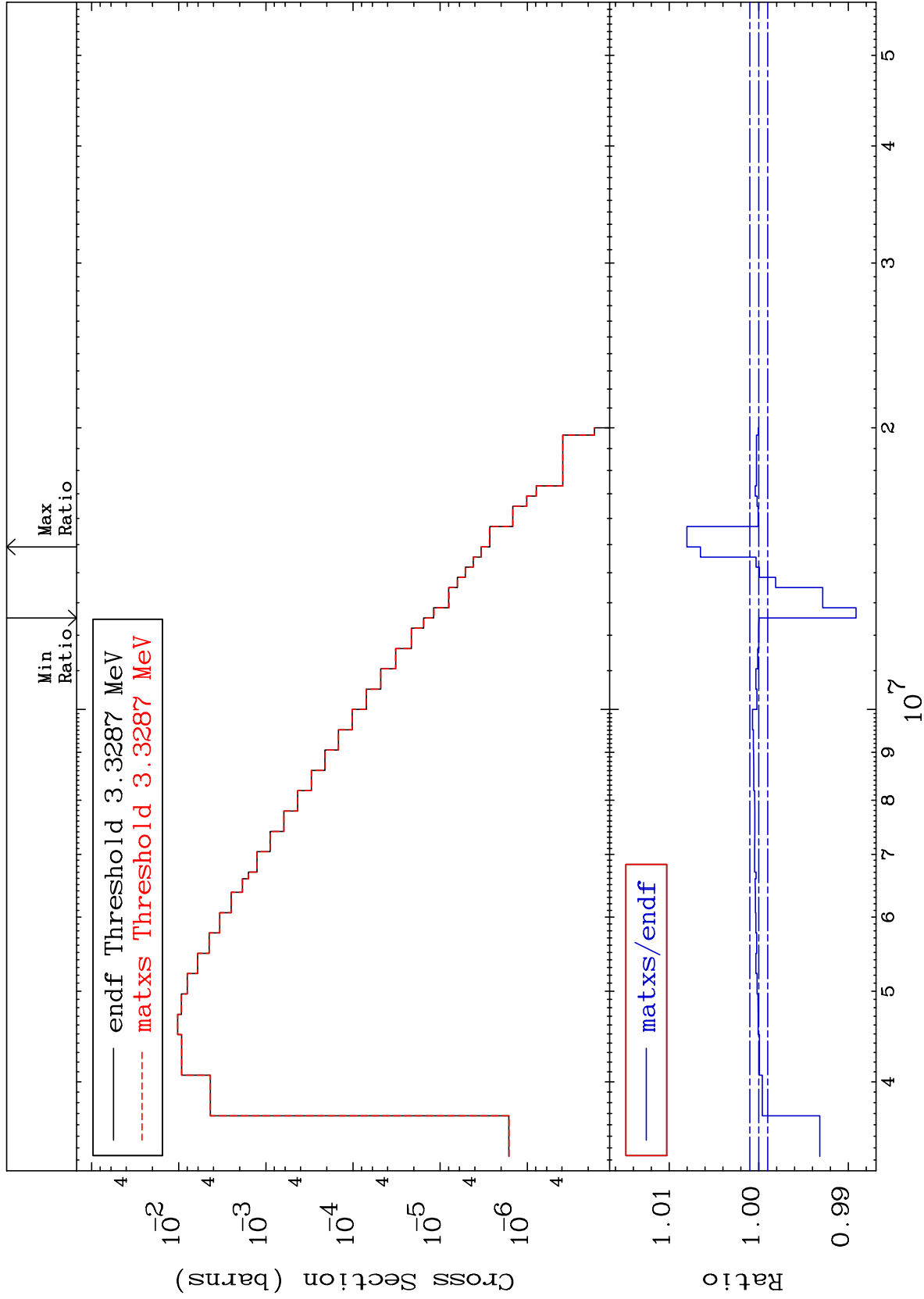
39-Y -89
-0.244 To 0.069 %



MAT 3925

3.630 MeV (n,n') Level
Cross Section

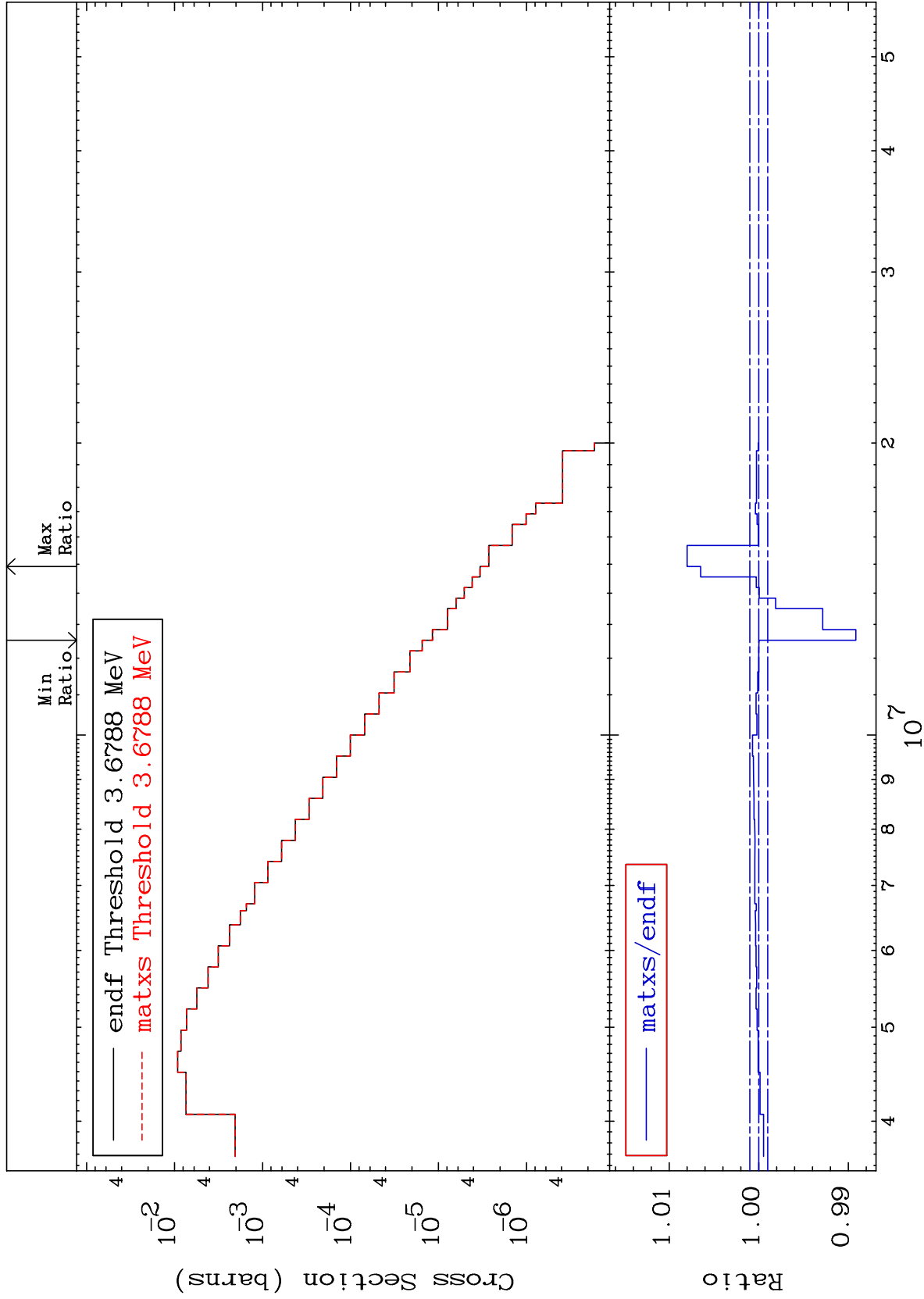
39-Y -89
-1.085 To 0.803 %



MAT 3925

3.748 MeV (n,n') Level
Cross Section

39-Y -89
-1.082 To 0.802 %



25

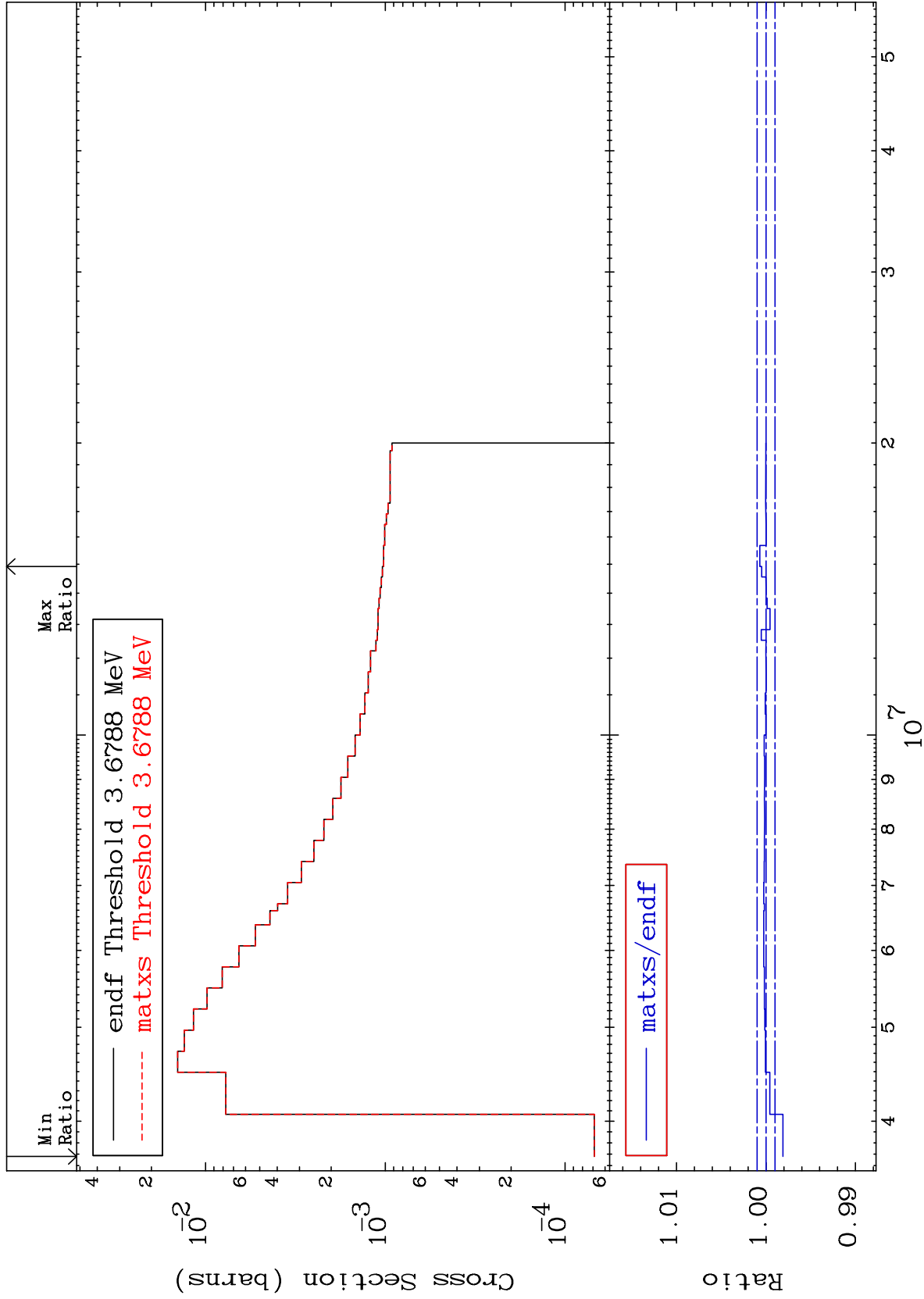
Incident Energy (eV)

39-Y -89

MAT 3925

3.977 MeV (n,n') Level
Cross Section

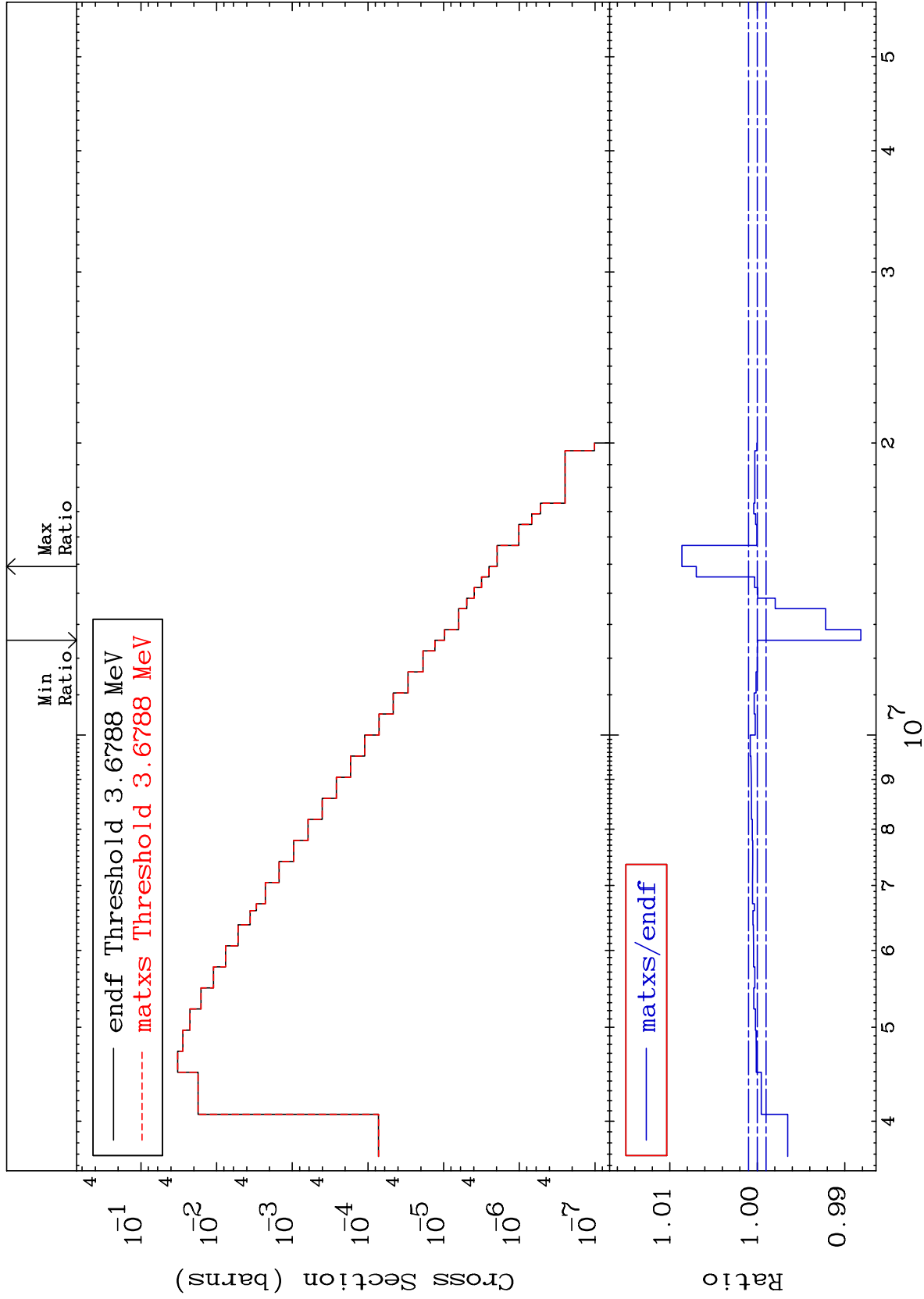
39-Y -89
-0.189 To 0.069 %



MAT 3925

3.992 MeV (n,n') Level
Cross Section

39-Y -89
-1.182 To 0.861 %



27

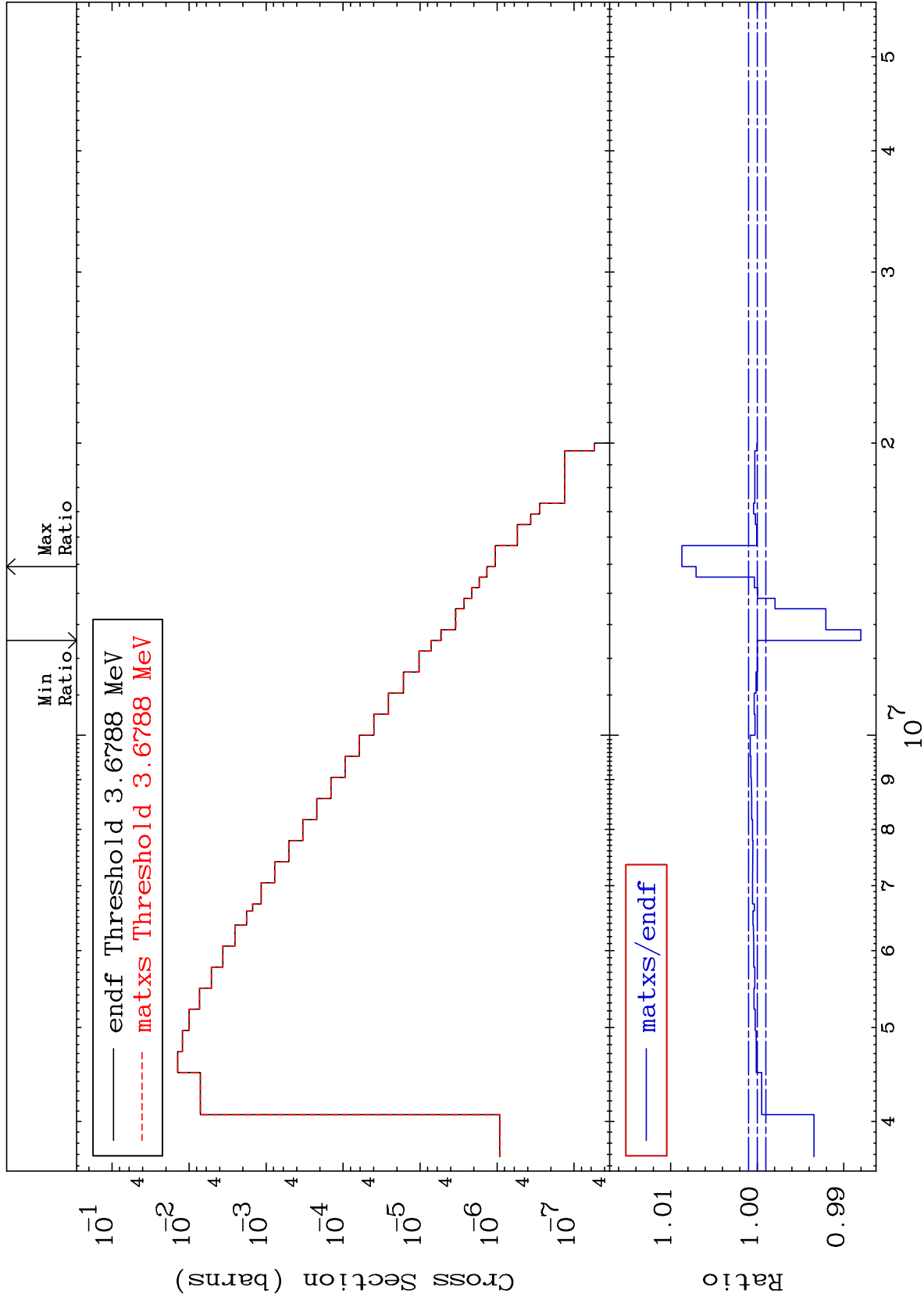
Incident Energy (eV)

39-Y -89

MAT 3925

4.015 MeV (n,n') Level
Cross Section

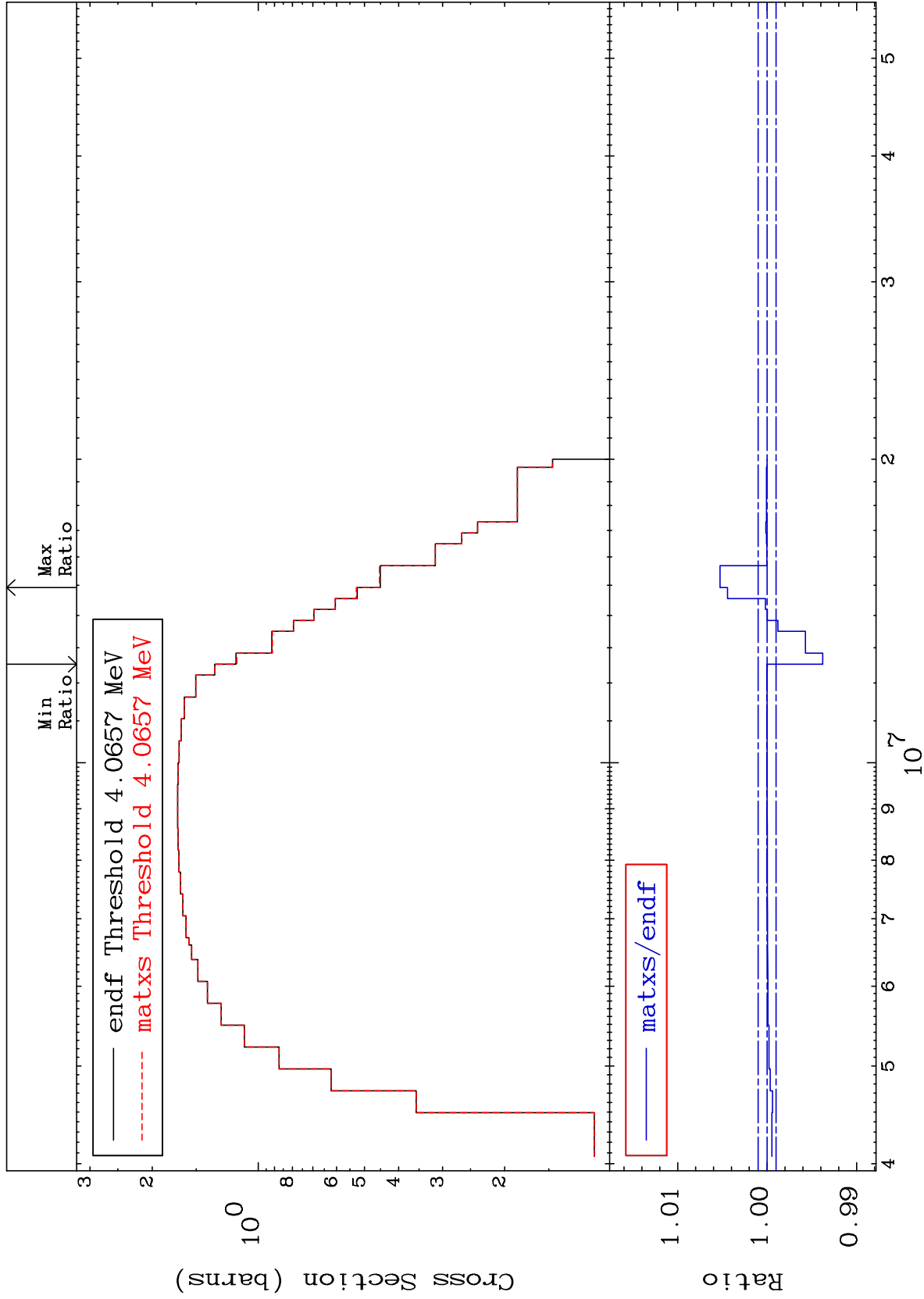
39-Y -89
-1.197 To 0.869 %



MAT 3925

(n,n') Continuum
Cross Section

39-Y -89
-0.621 To 0.527 %



29

39-Y -89

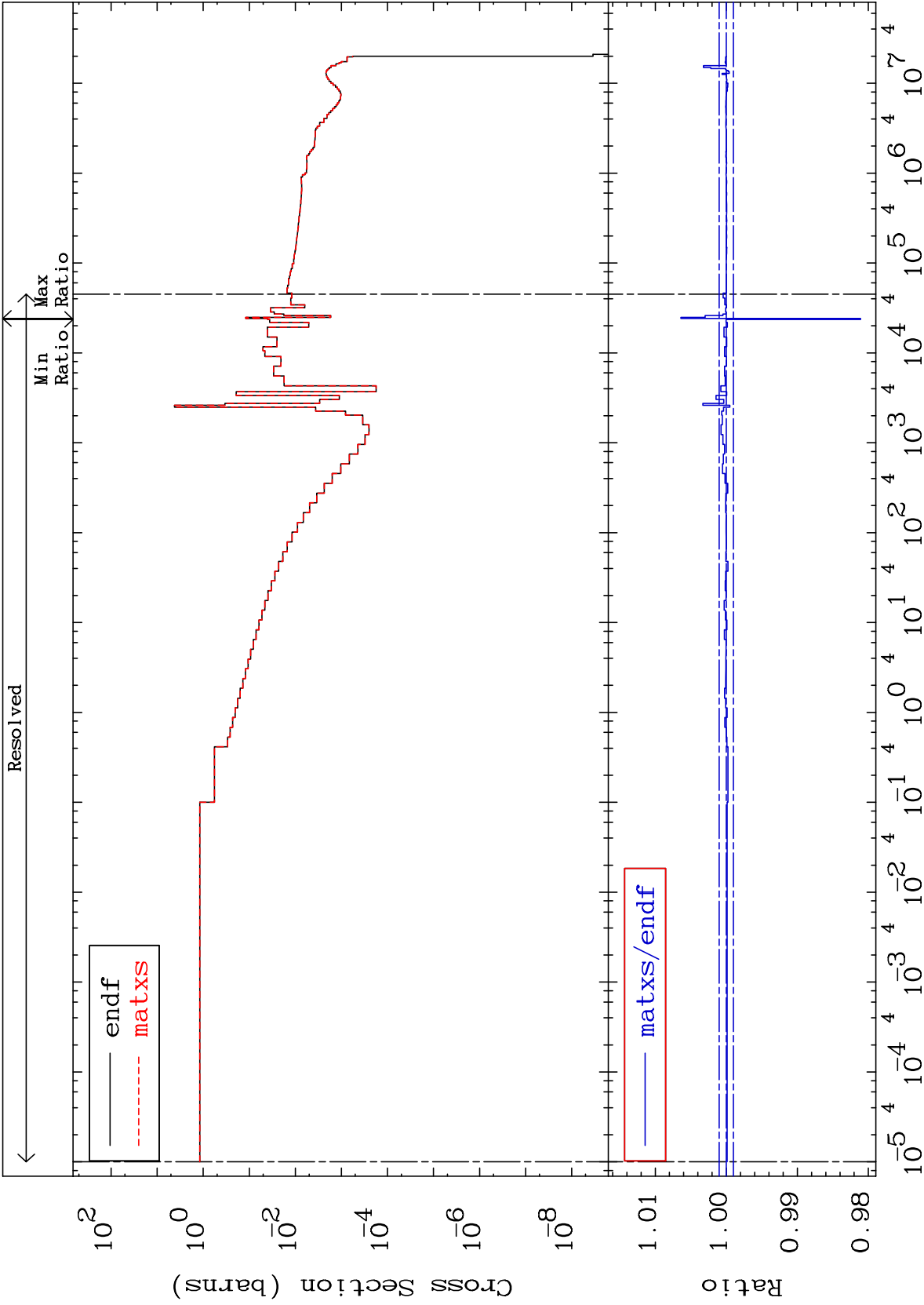
MAT 3925

(n, γ)

Cross Section

39-Y -89

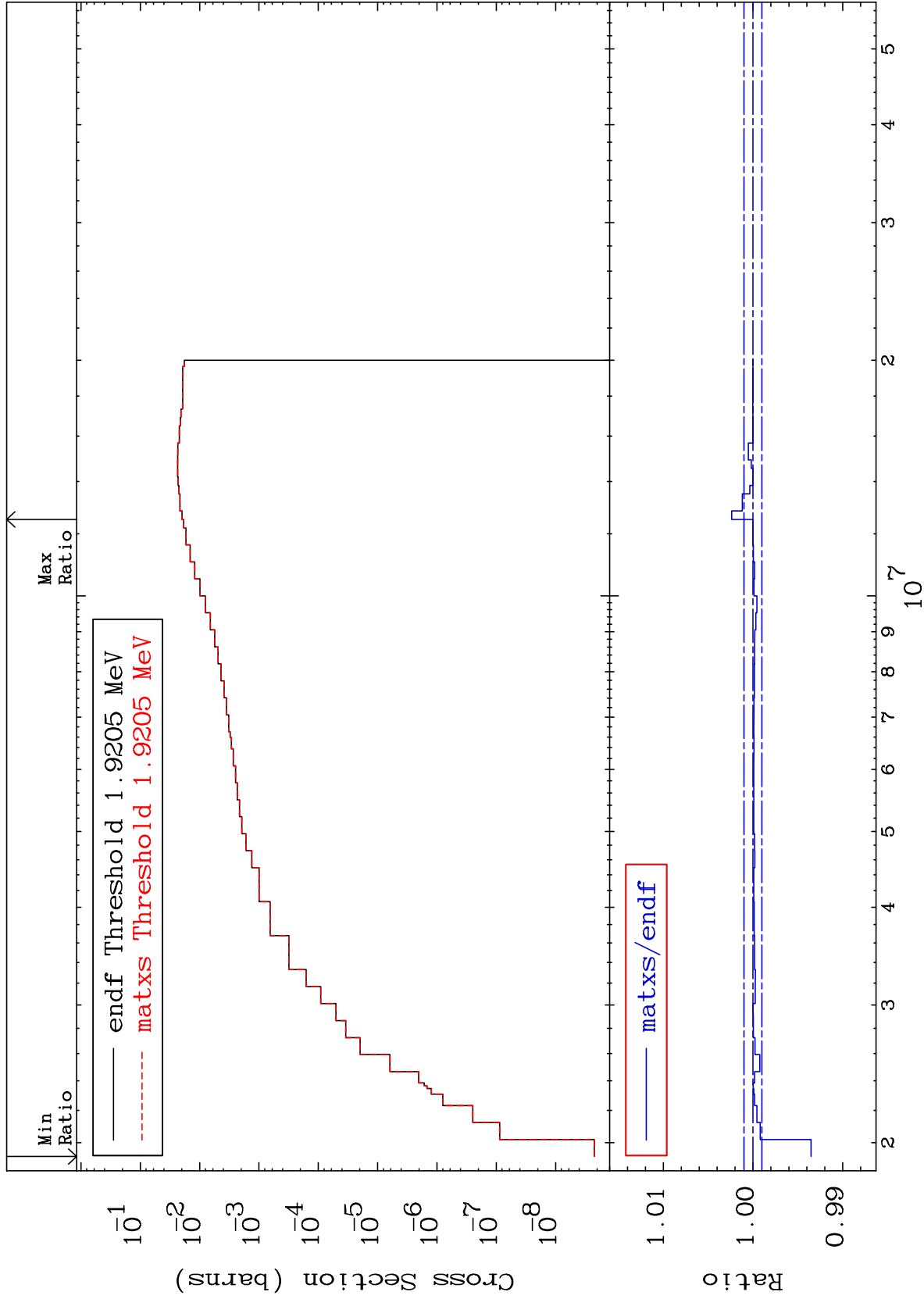
-1.890 To 0.639 %



MAT 3925

(n,p)
Cross Section

39-Y -89
-0.648 To 0.238 %



31

Incident Energy (eV)

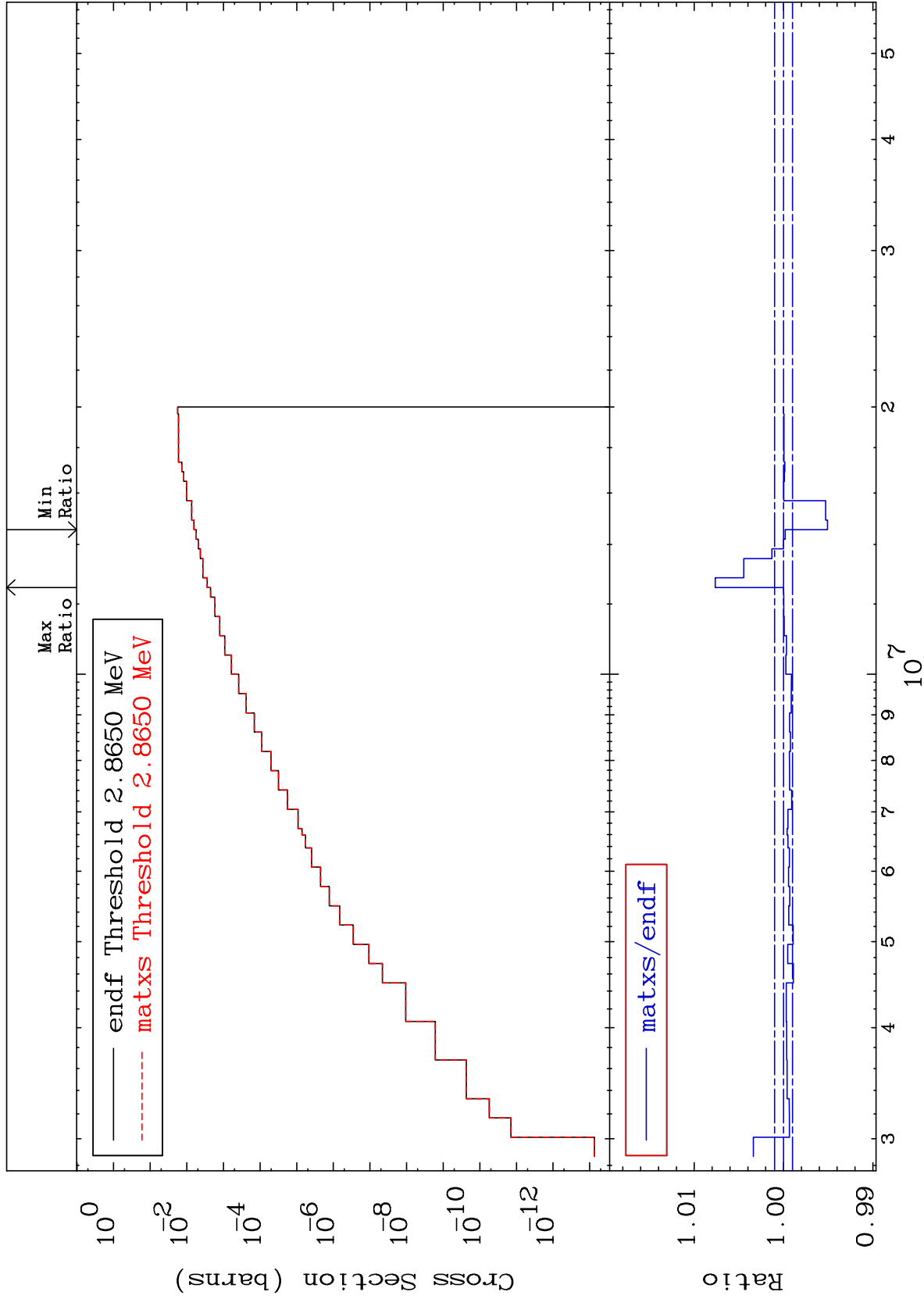
39-Y -89

MAT 3925

39-Y -89
-0.492 To 0.765 %

(n, α)

Cross Section



32

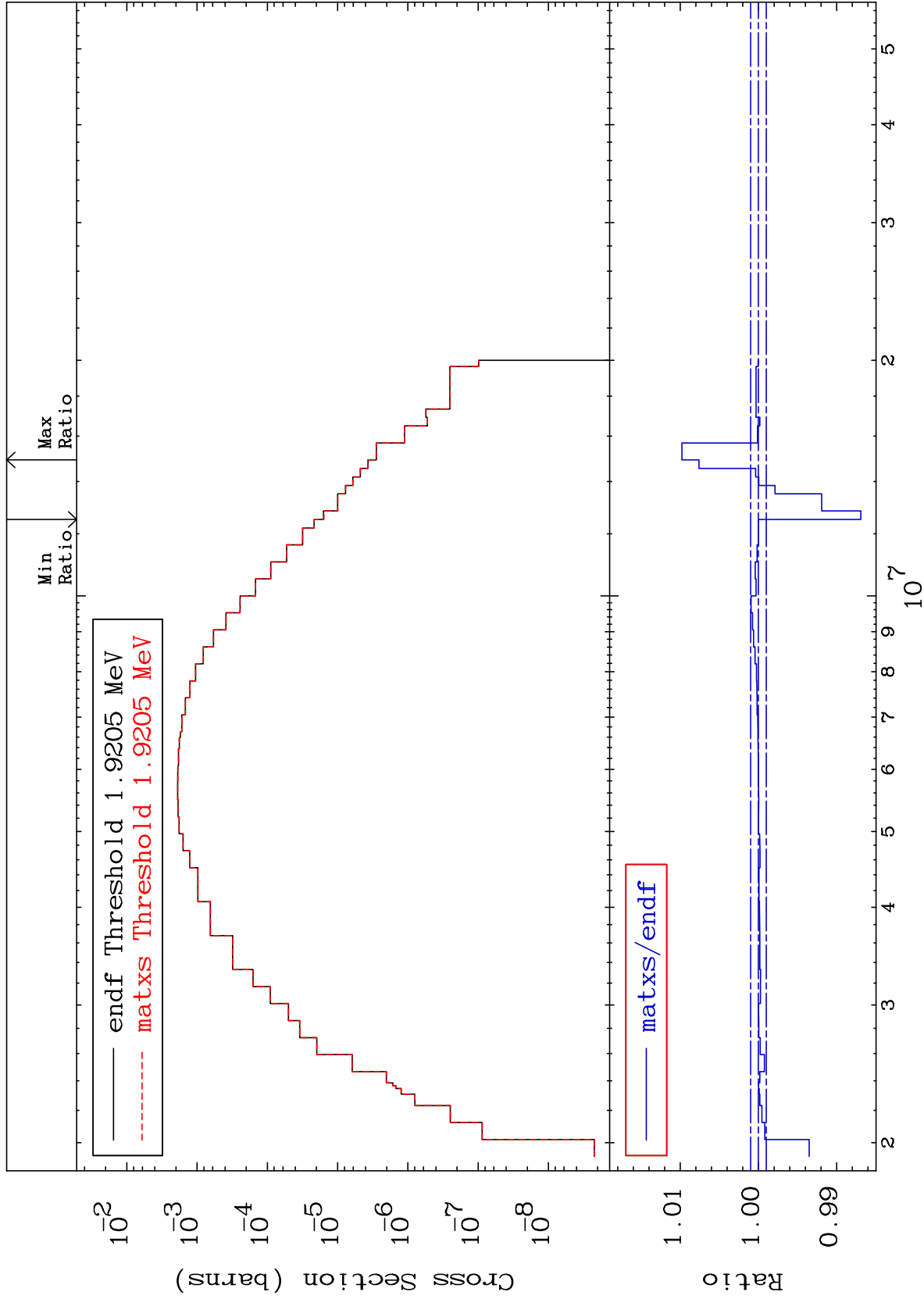
Incident Energy (eV)

39-Y -89

MAT 3925

(n, p') Ground
Cross Section

39-Y -89
-1.310 To 0.979 %



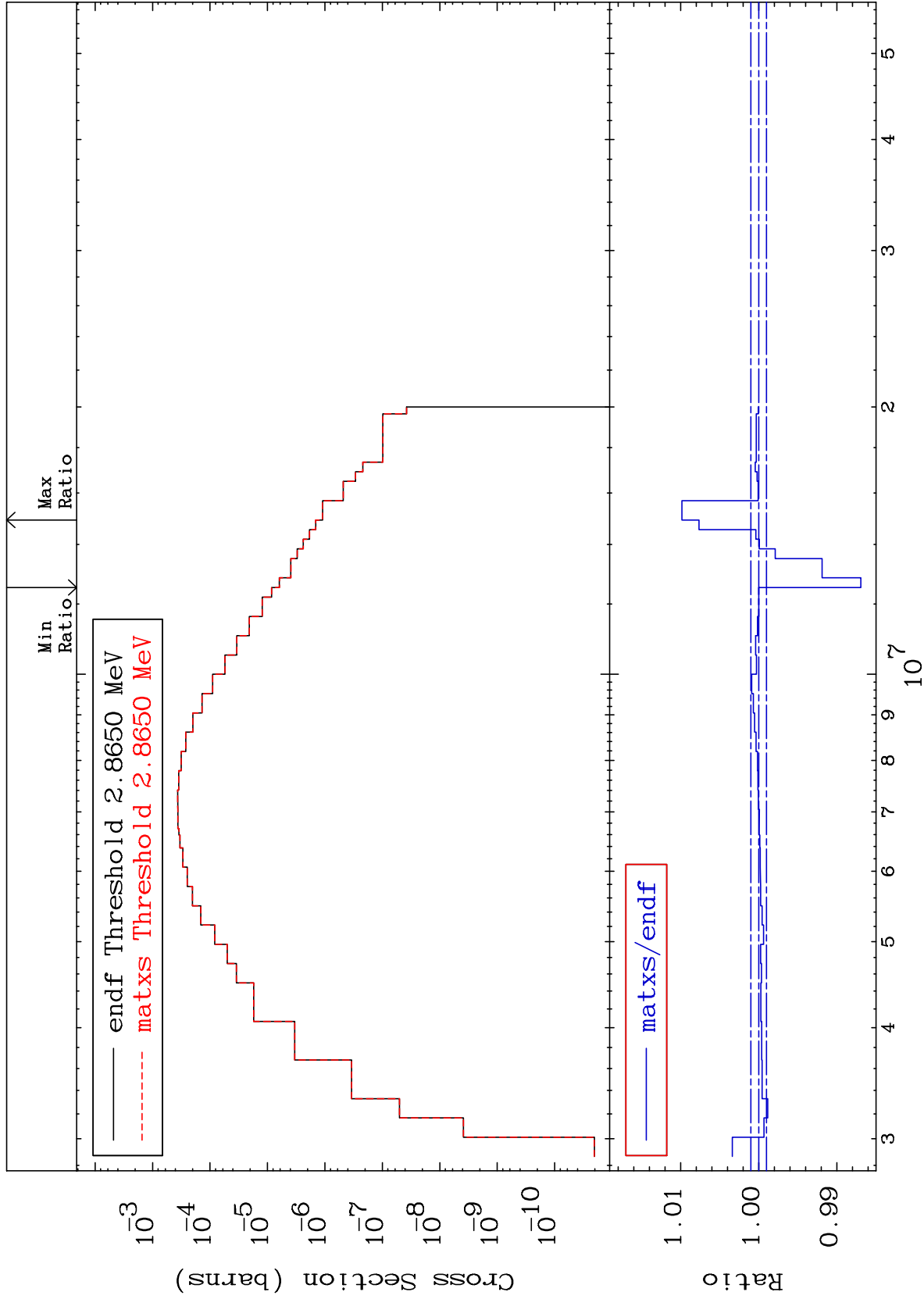
33

39-Y -89

MAT 3925

1.032 MeV (n,p') Level
Cross Section

39-Y -89
-1.307 To 0.983 %



34

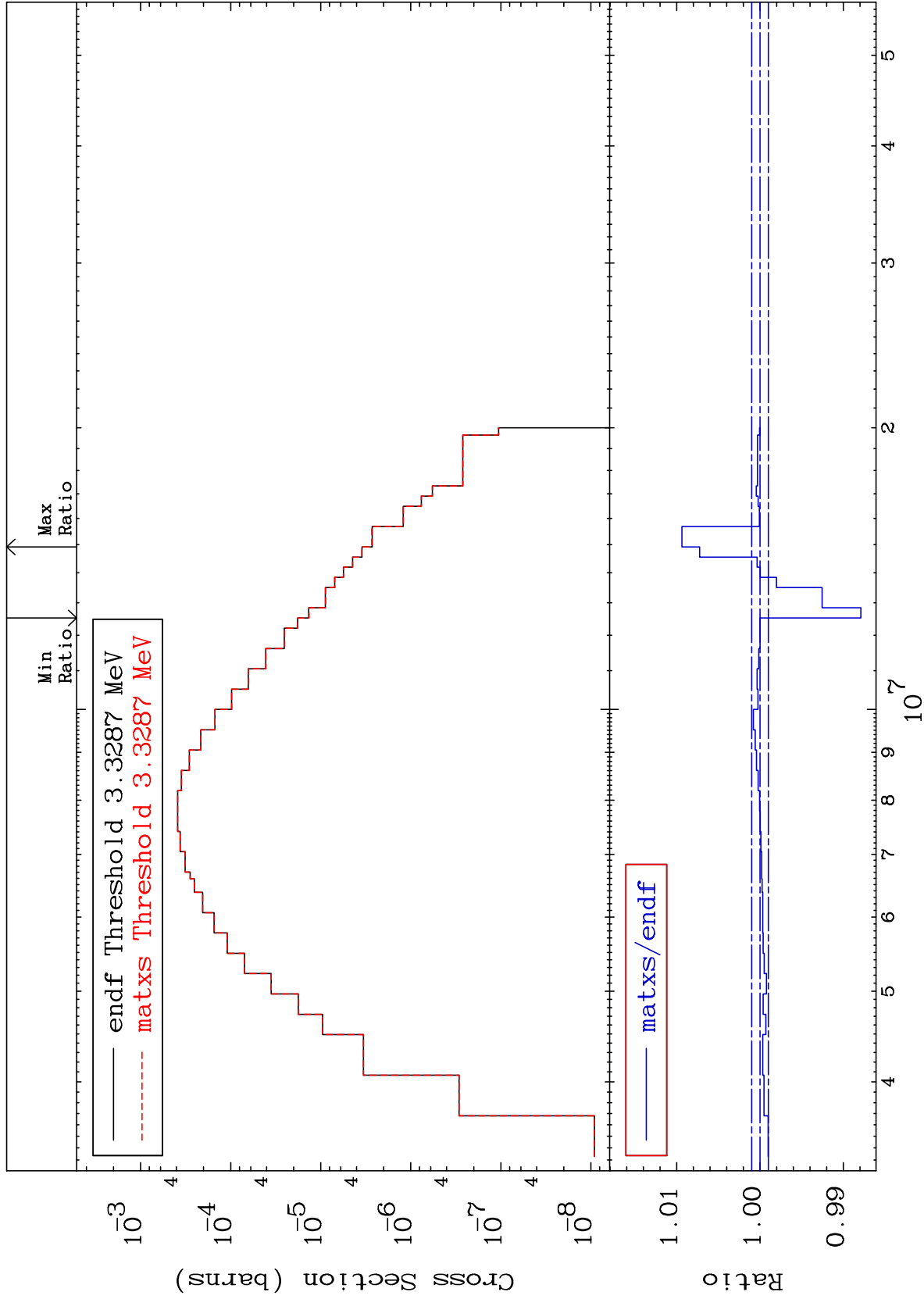
Incident Energy (eV)

39-Y -89

MAT 3925

1.473 MeV (n,p') Level
Cross Section

39-Y -89
-1.211 To 0.936 %



35

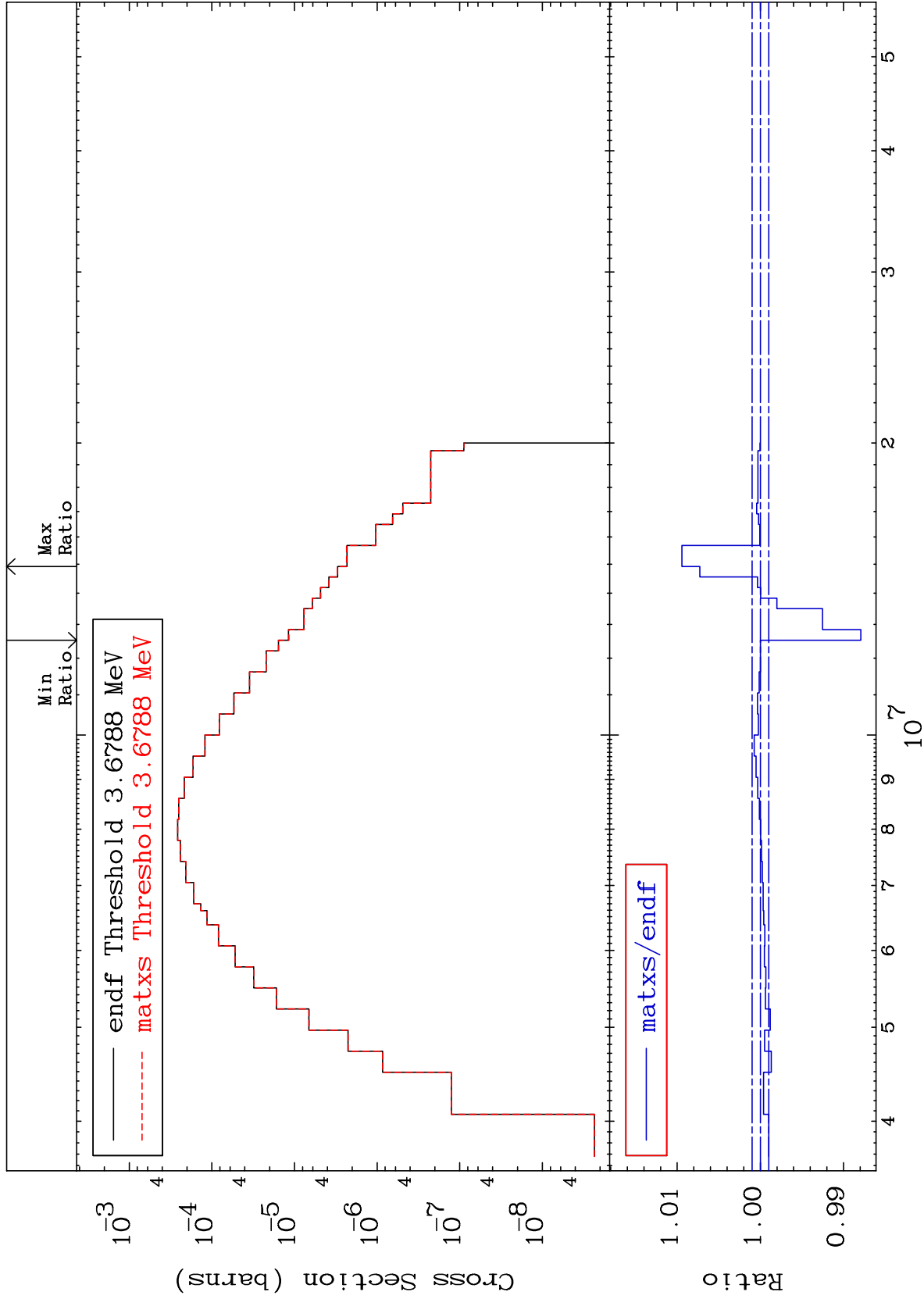
Incident Energy (eV)

39-Y -89

MAT 3925

1.940 MeV (n,p') Level
Cross Section

39-Y -89
-1.208 To 0.943 %



36

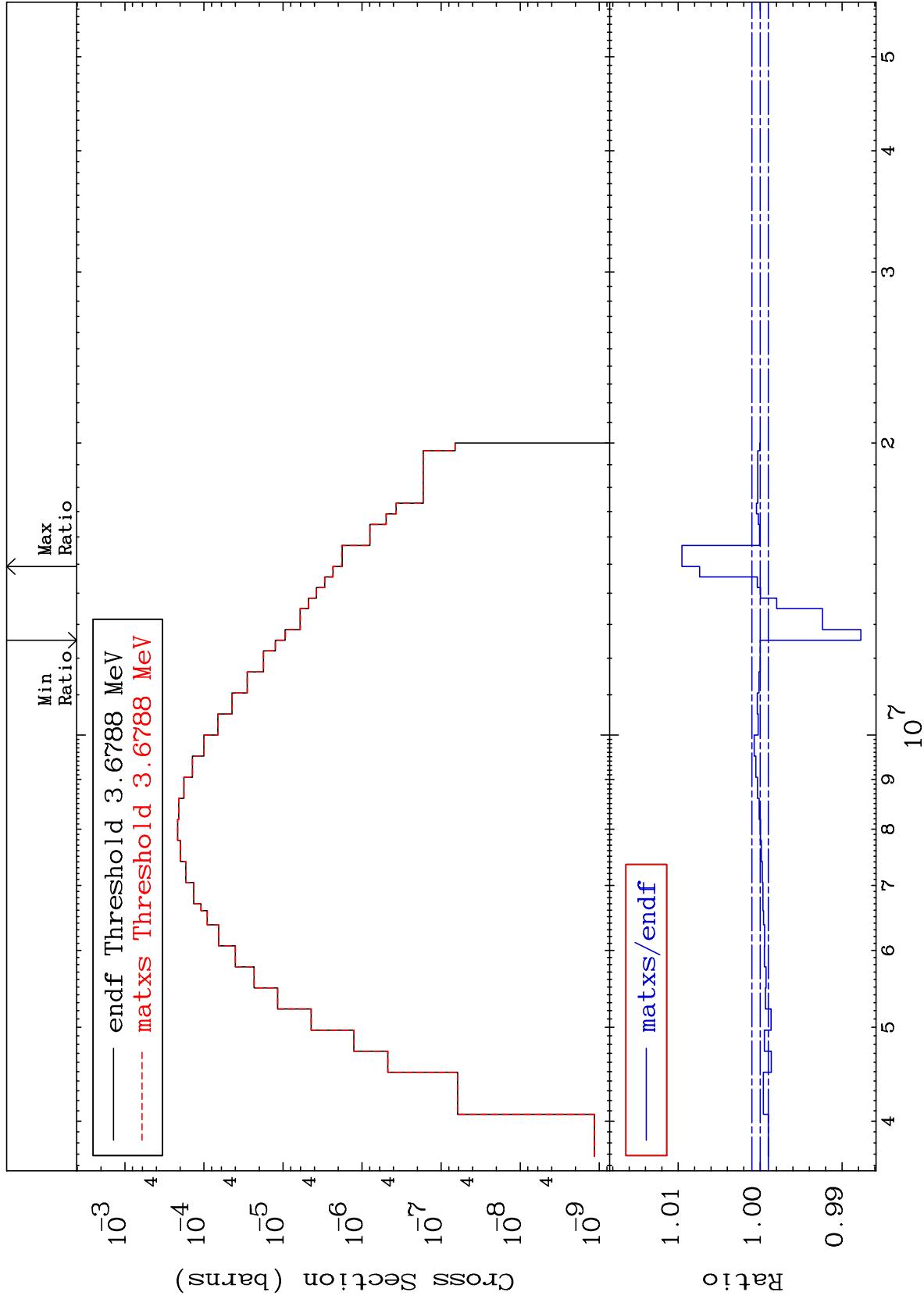
Incident Energy (eV)

39-Y -89

MAT 3925

2.008 MeV (n,p') Level
Cross Section

39-Y -89
-1.229 To 0.955 %



37

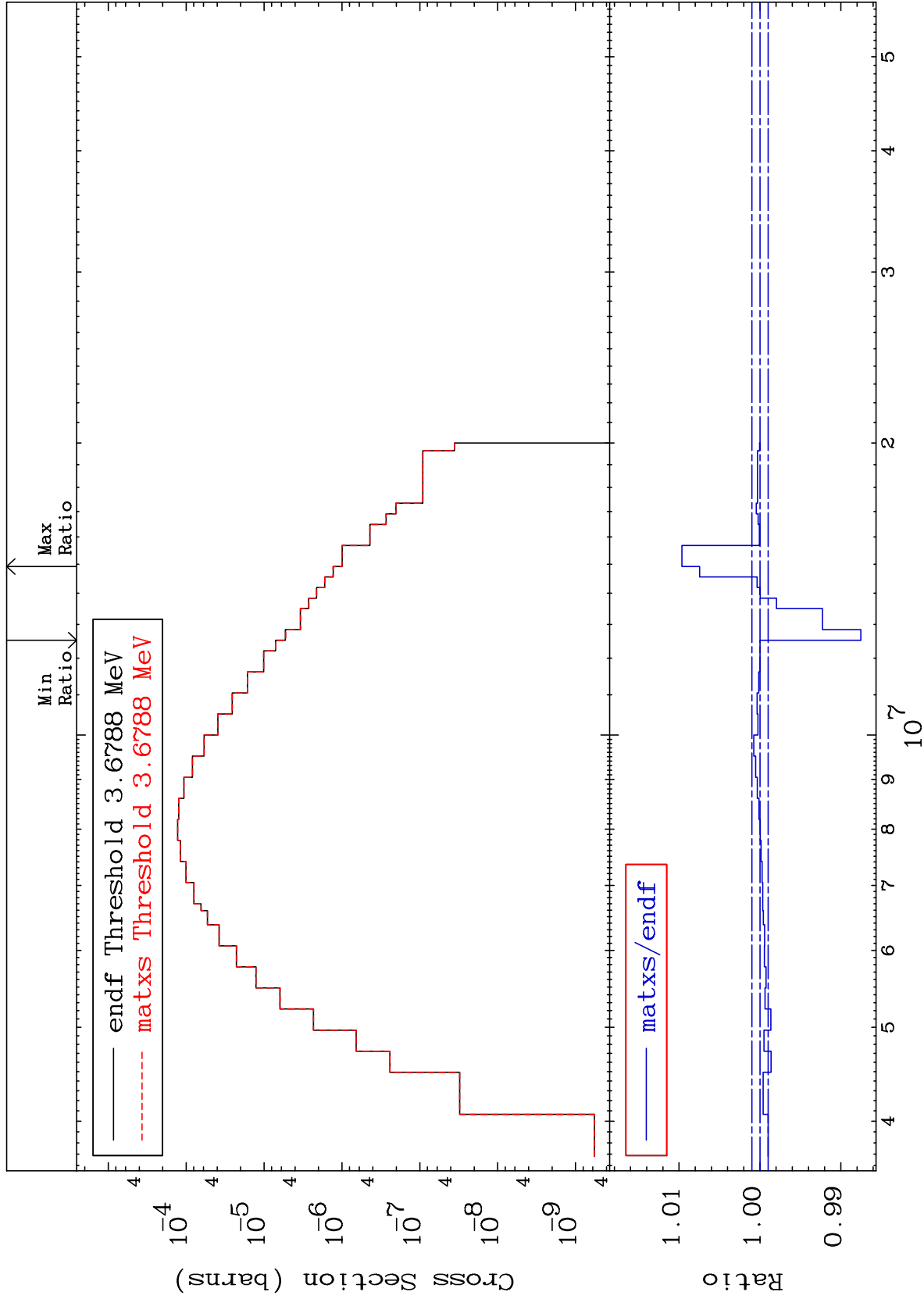
Incident Energy (eV)

39-Y -89

MAT 3925

2.057 MeV (n,p') Level
Cross Section

39-Y -89
-1.247 To 0.964 %



38

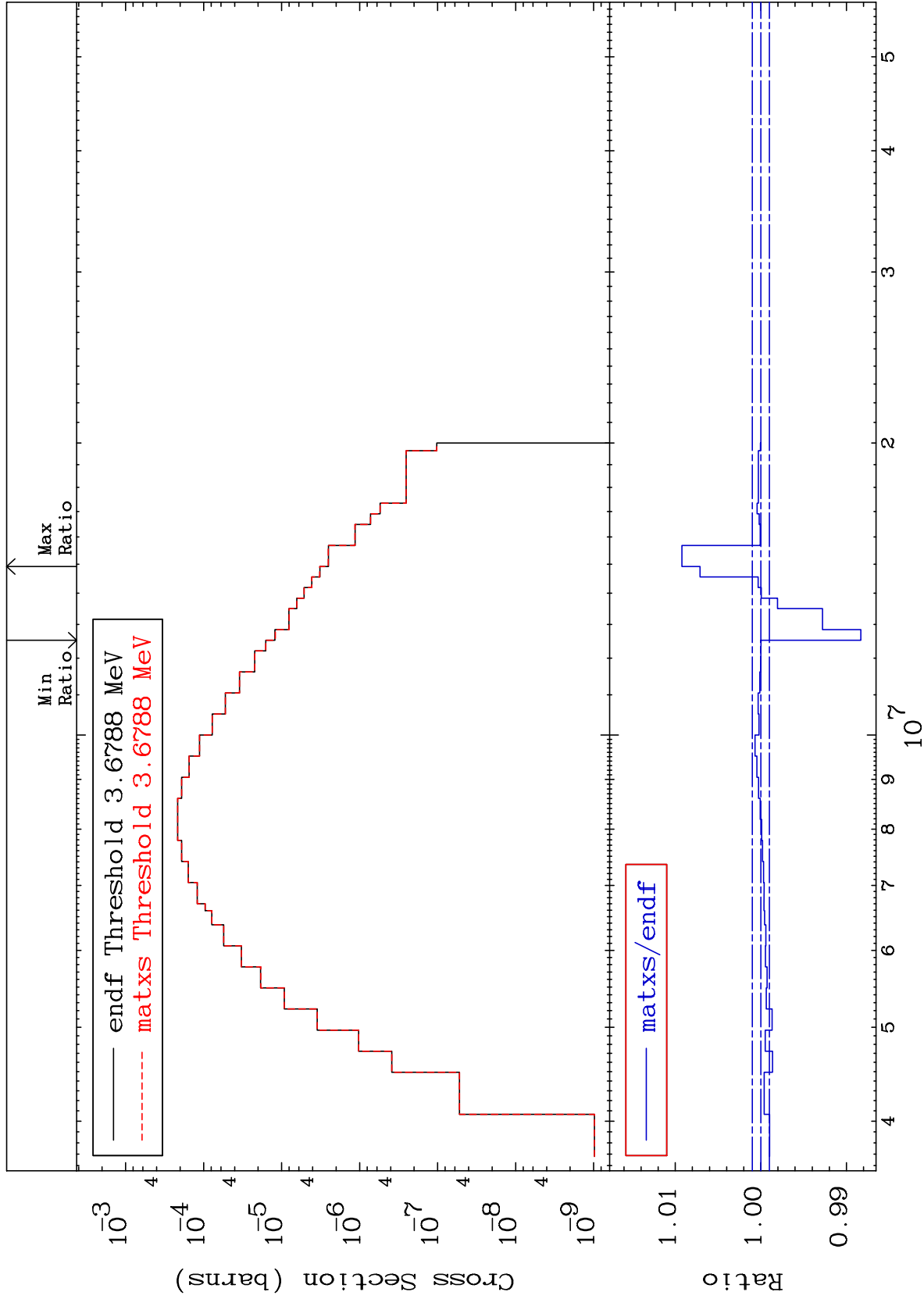
Incident Energy (eV)

39-Y -89

MAT 3925

2.061 MeV (n,p') Level
Cross Section

39-Y -89
-1.168 To 0.922 %



39

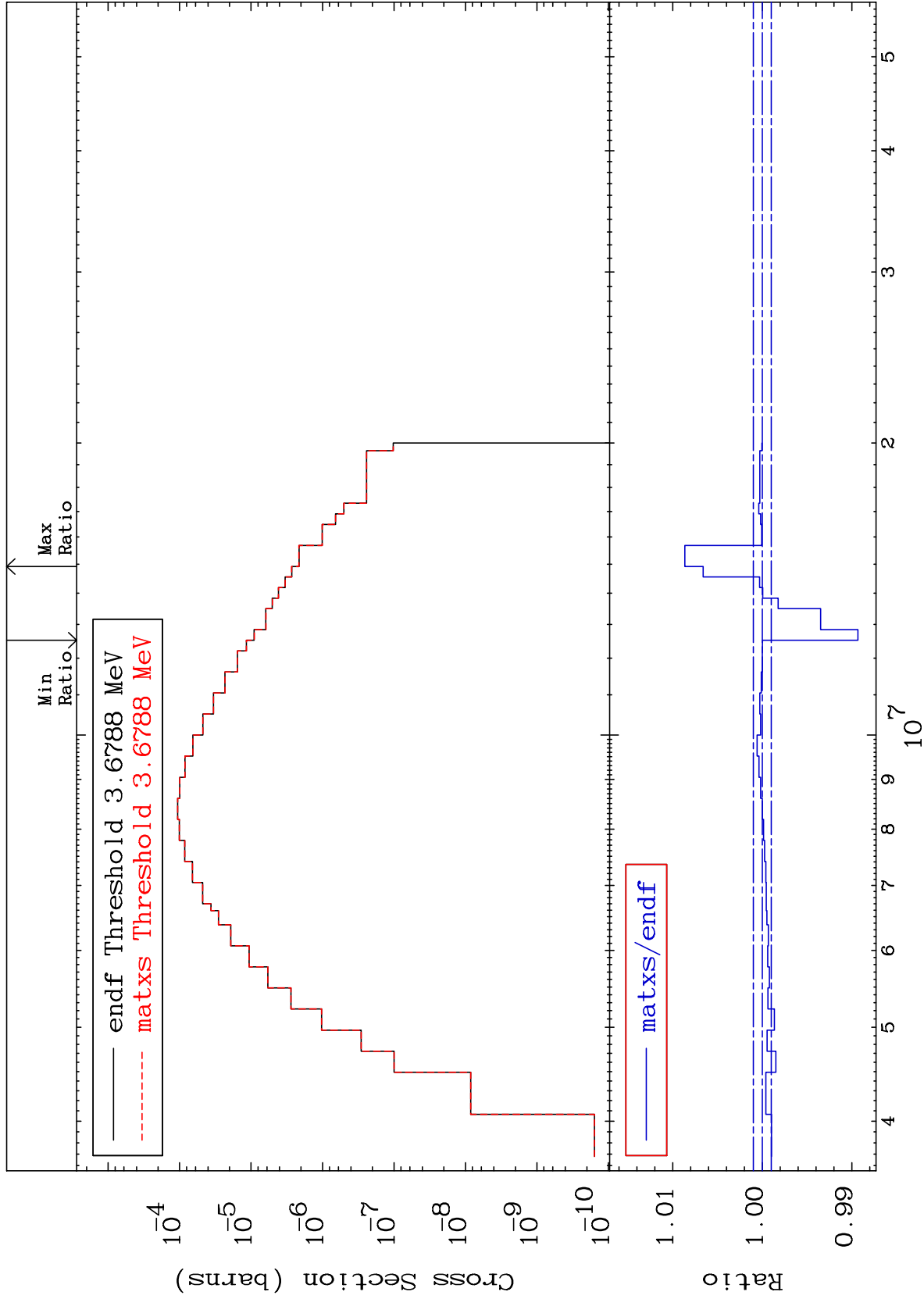
Incident Energy (eV)

39-Y -89

MAT 3925

2.079 MeV (n,p') Level
Cross Section

39-Y -89
-1.068 To 0.865 %



40

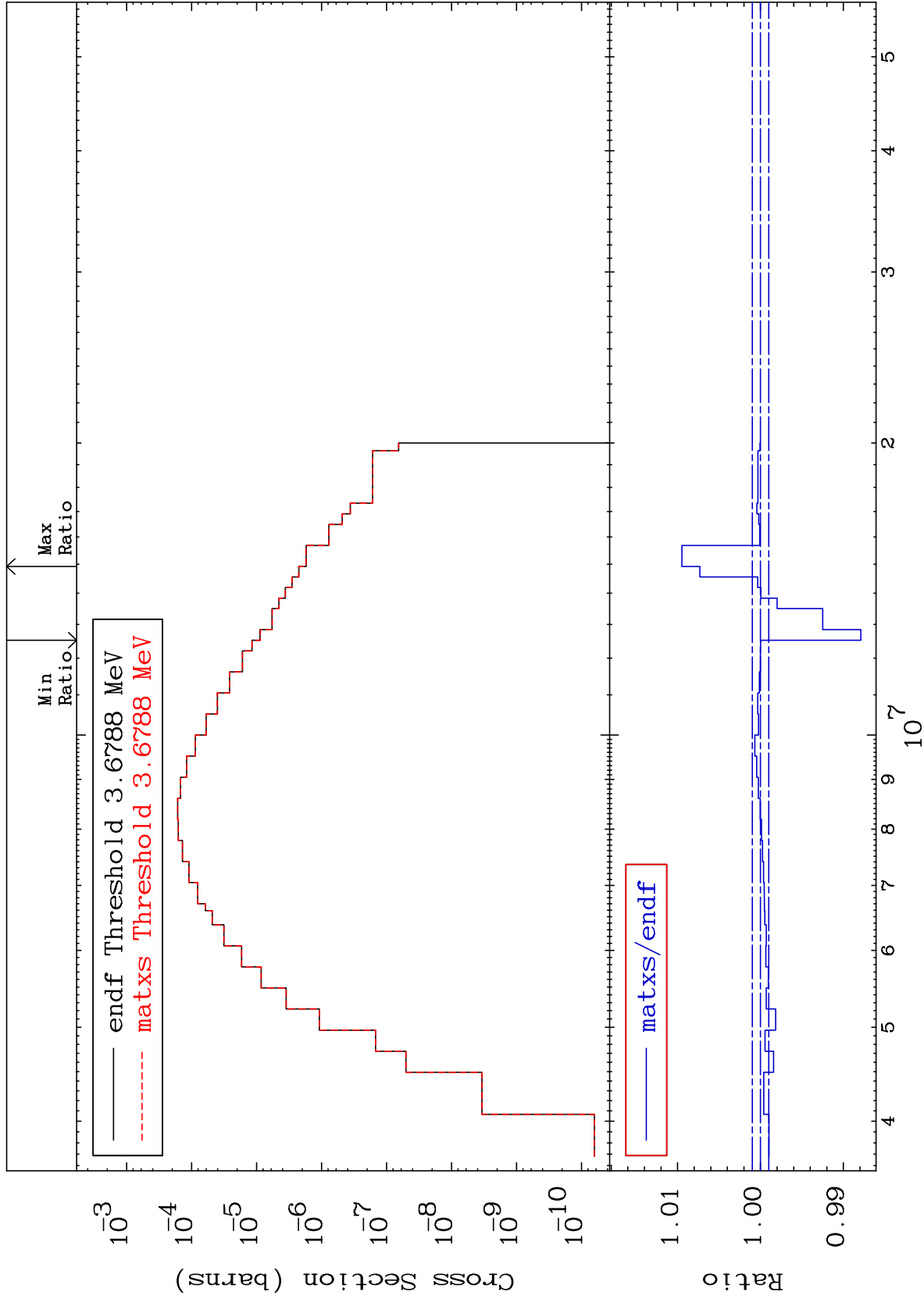
Incident Energy (eV)

39-Y -89

MAT 3925

2.280 MeV (n,p') Level
Cross Section

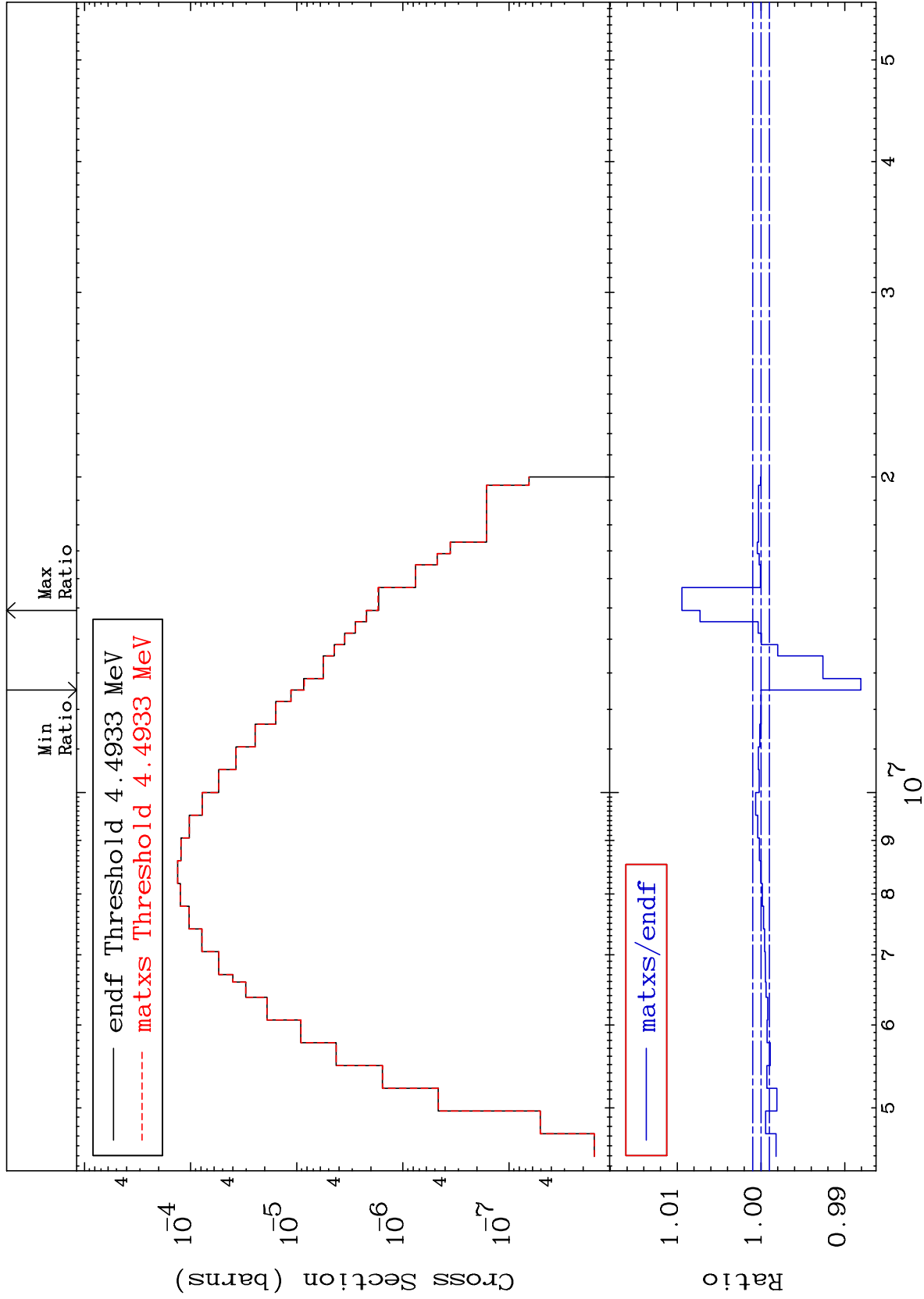
39-Y -89
-1.210 To 0.947 %



MAT 3925

2.452 MeV (n,p') Level
Cross Section

39-Y -89
-1.192 To 0.944 %



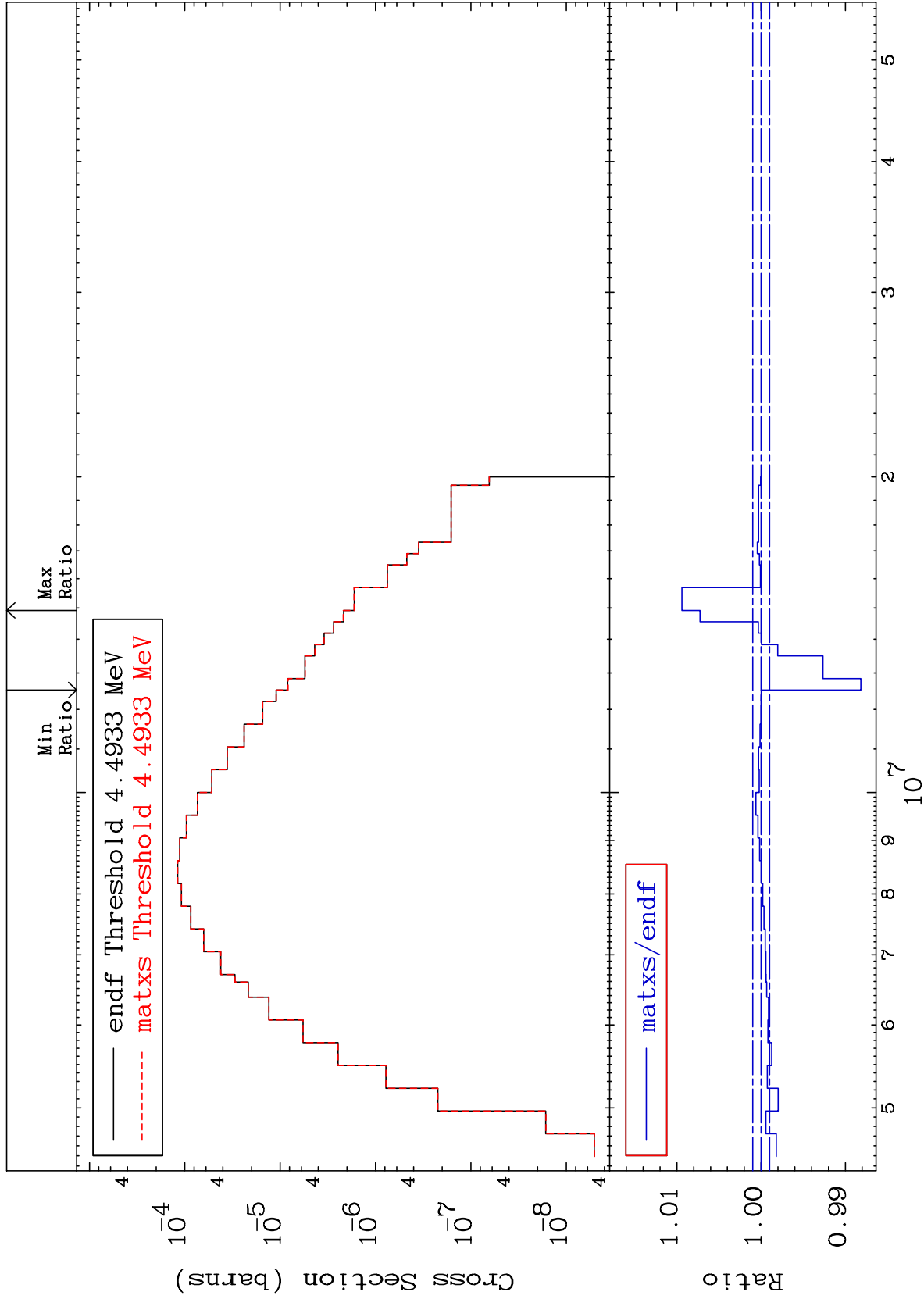
42

39-Y -89

MAT 3925

2.570 MeV (n,p') Level
Cross Section

39-Y -89
-1.184 To 0.940 %



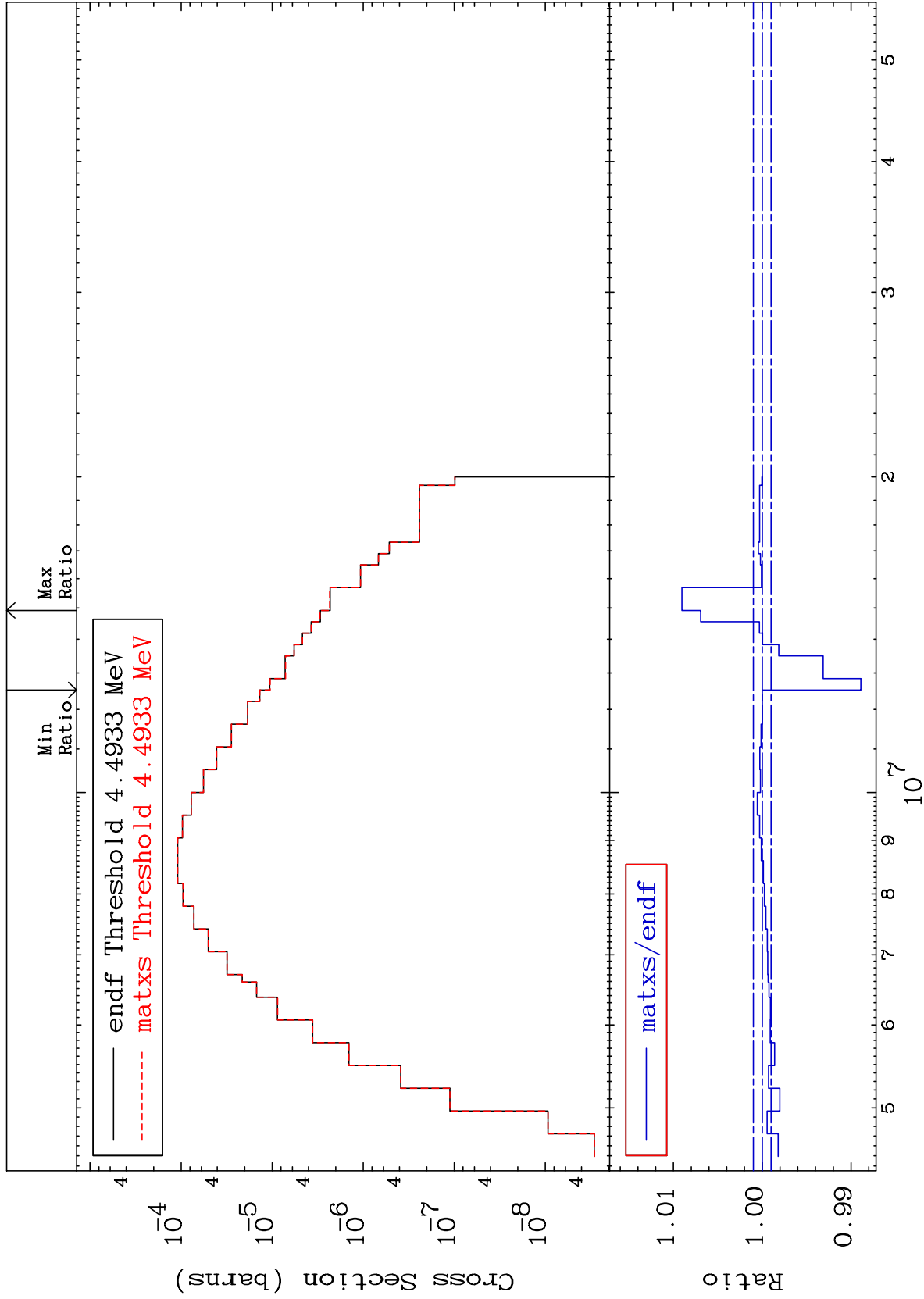
43

39-Y -89

MAT 3925

2.675 MeV (n,p') Level
Cross Section

39-Y -89
-1.111 To 0.904 %



44

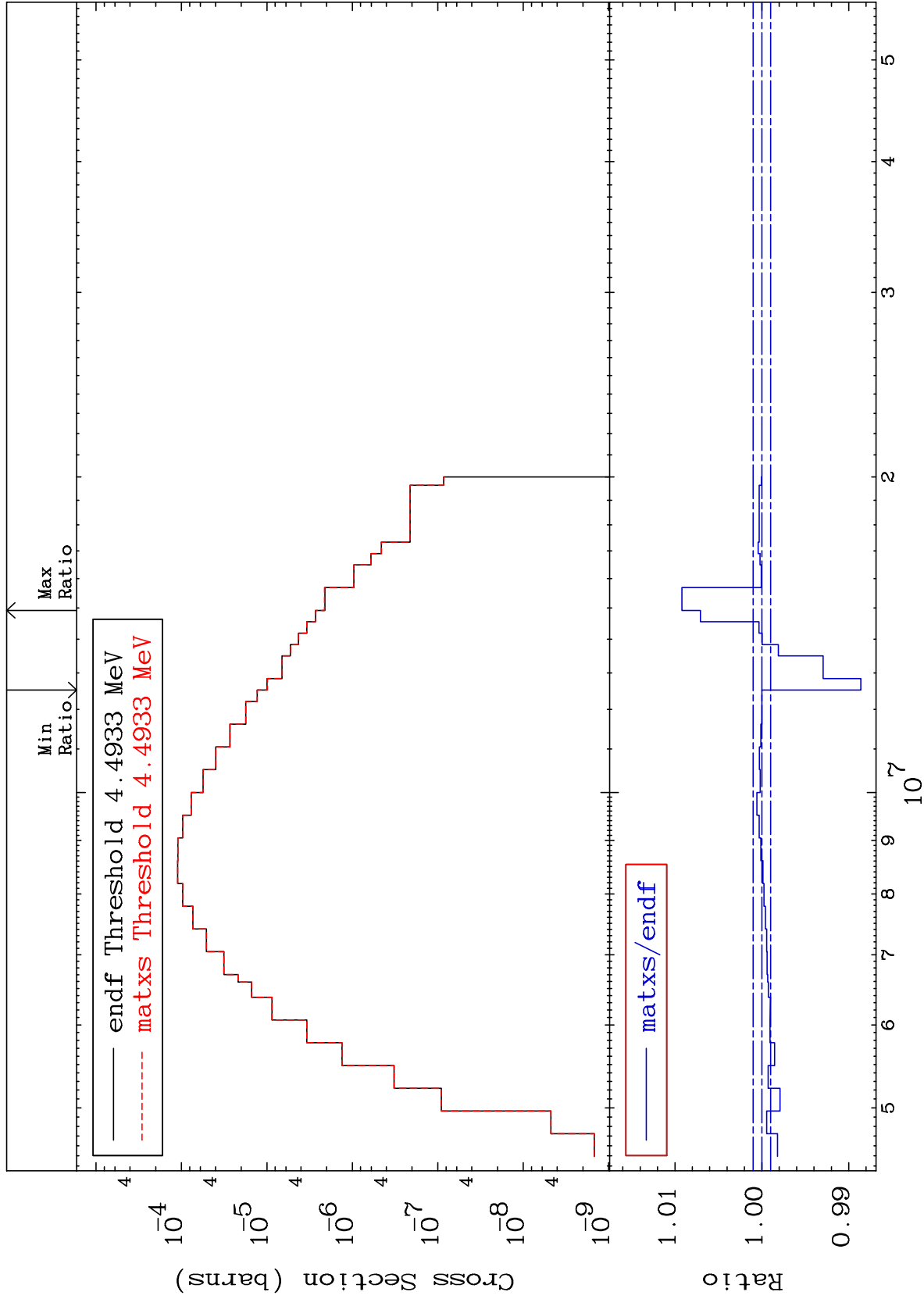
Incident Energy (eV)

39-Y -89

MAT 3925

2.707 MeV (n,p') Level
Cross Section

39-Y -89
-1.139 To 0.919 %



45

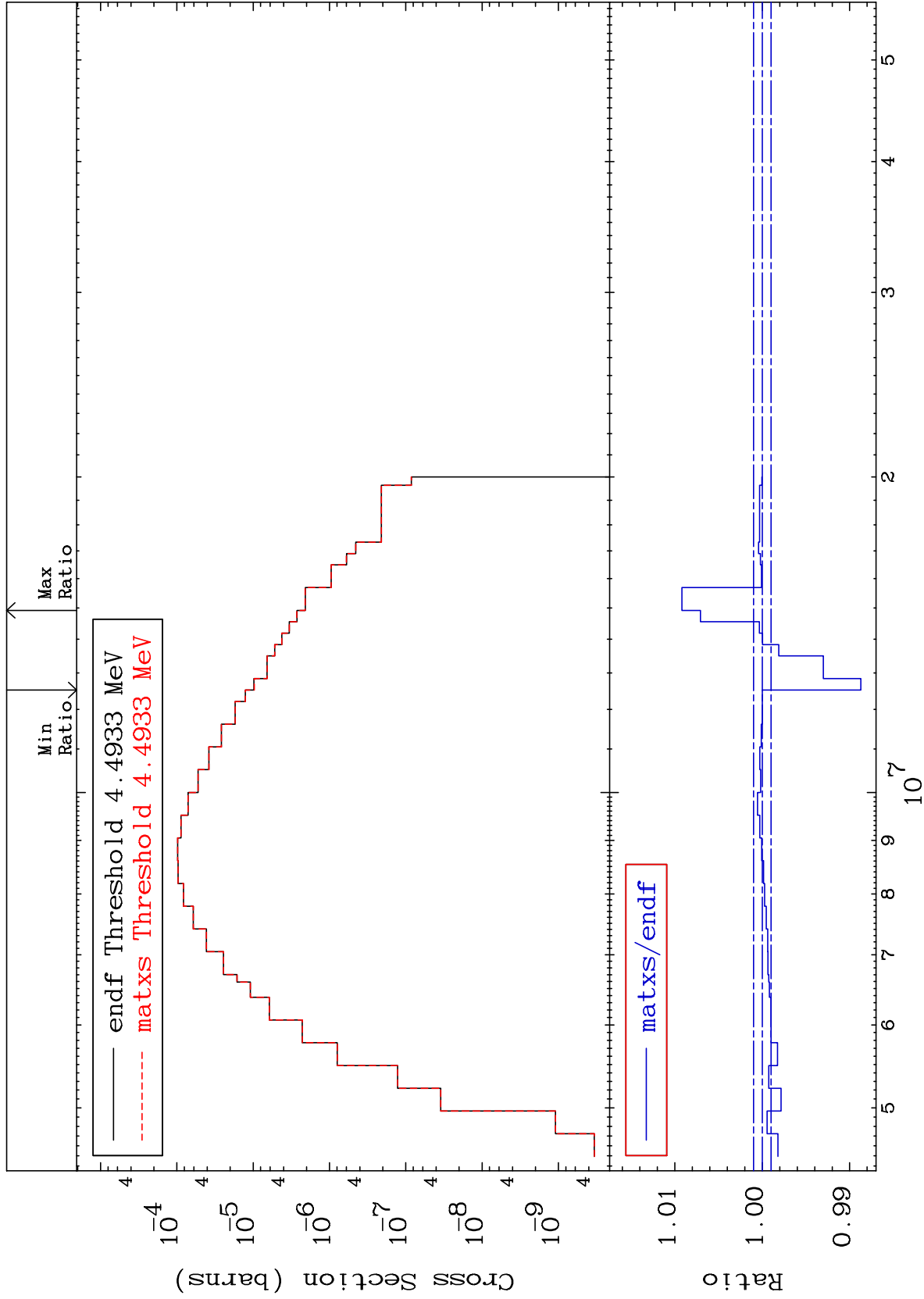
Incident Energy (eV)

39-Y -89

MAT 3925

2.805 MeV (n,p') Level
Cross Section

39-Y -89
-1.128 To 0.918 %



46

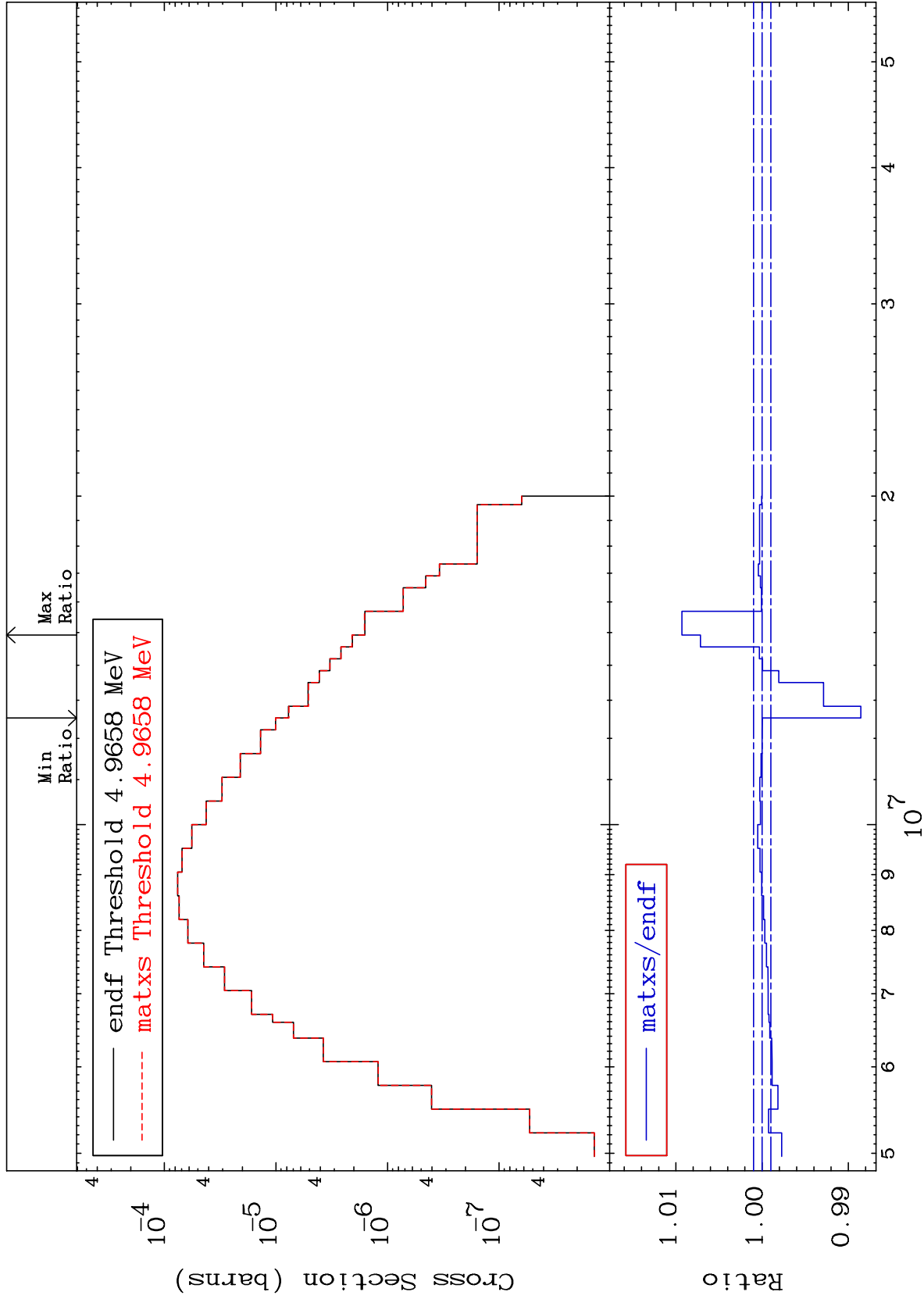
Incident Energy (eV)

39-Y -89

MAT 3925

2.916 MeV (n,p') Level
Cross Section

39-Y -89
-1.145 To 0.930 %



47

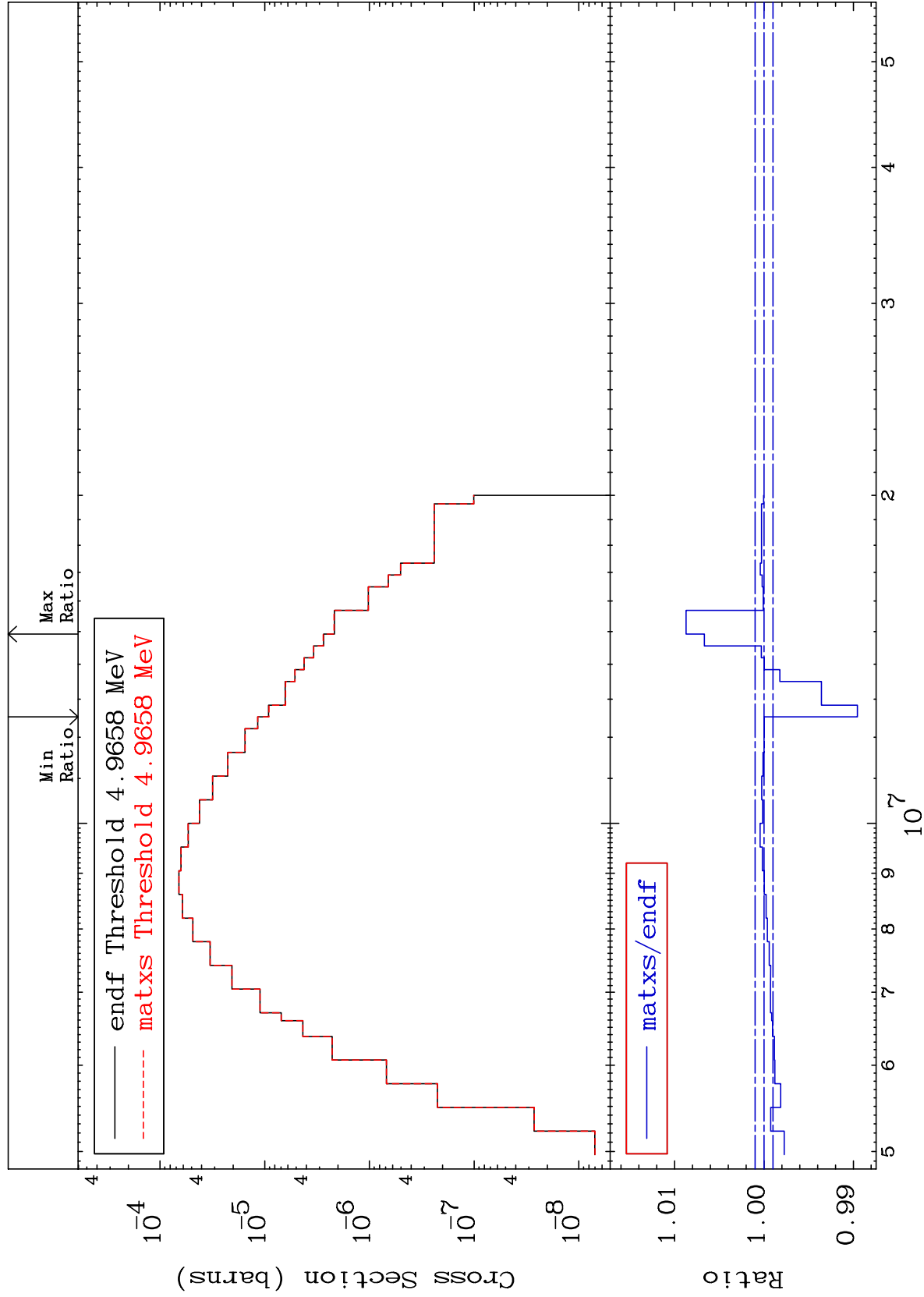
Incident Energy (eV)

39-Y -89

MAT 3925

2.931 MeV (n,p') Level
Cross Section

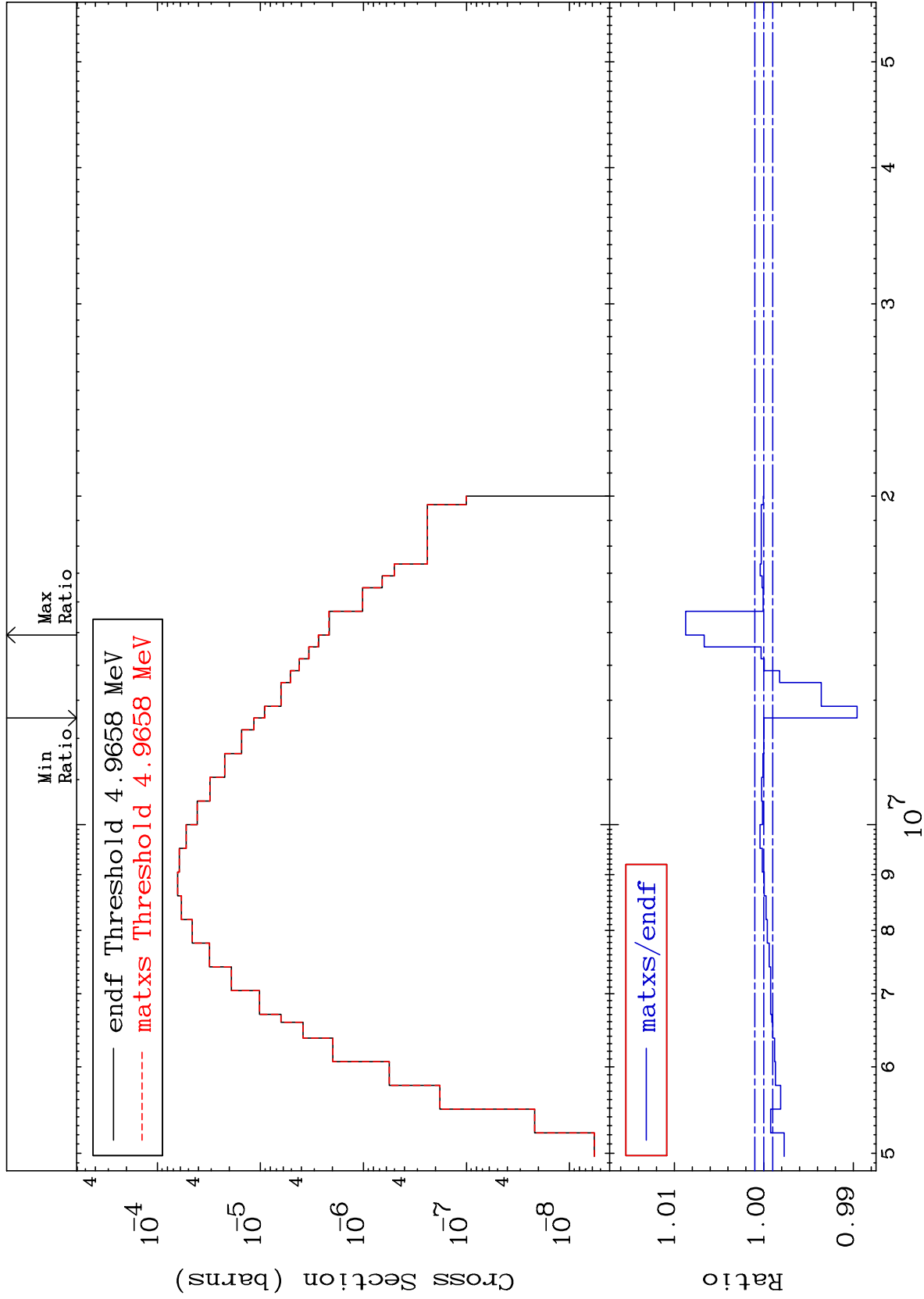
39-Y -89
-1.045 To 0.873 %



MAT 3925

2.962 MeV (n,p') Level
Cross Section

39-Y -89
-1.041 To 0.872 %



49

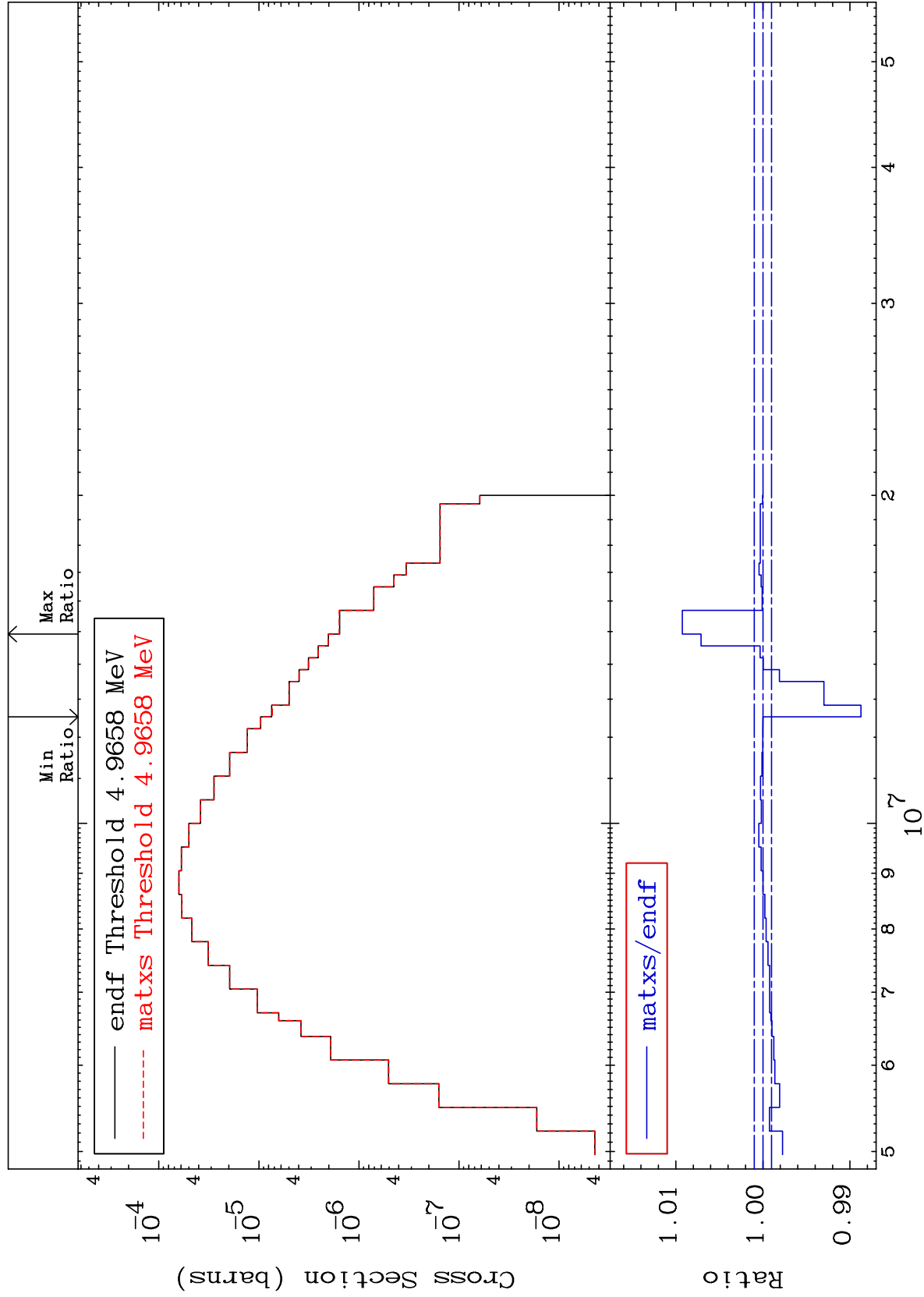
Incident Energy (eV)

39-Y -89

MAT 3925

3.073 MeV (n,p') Level
Cross Section

39-Y -89
-1.126 To 0.925 %



50

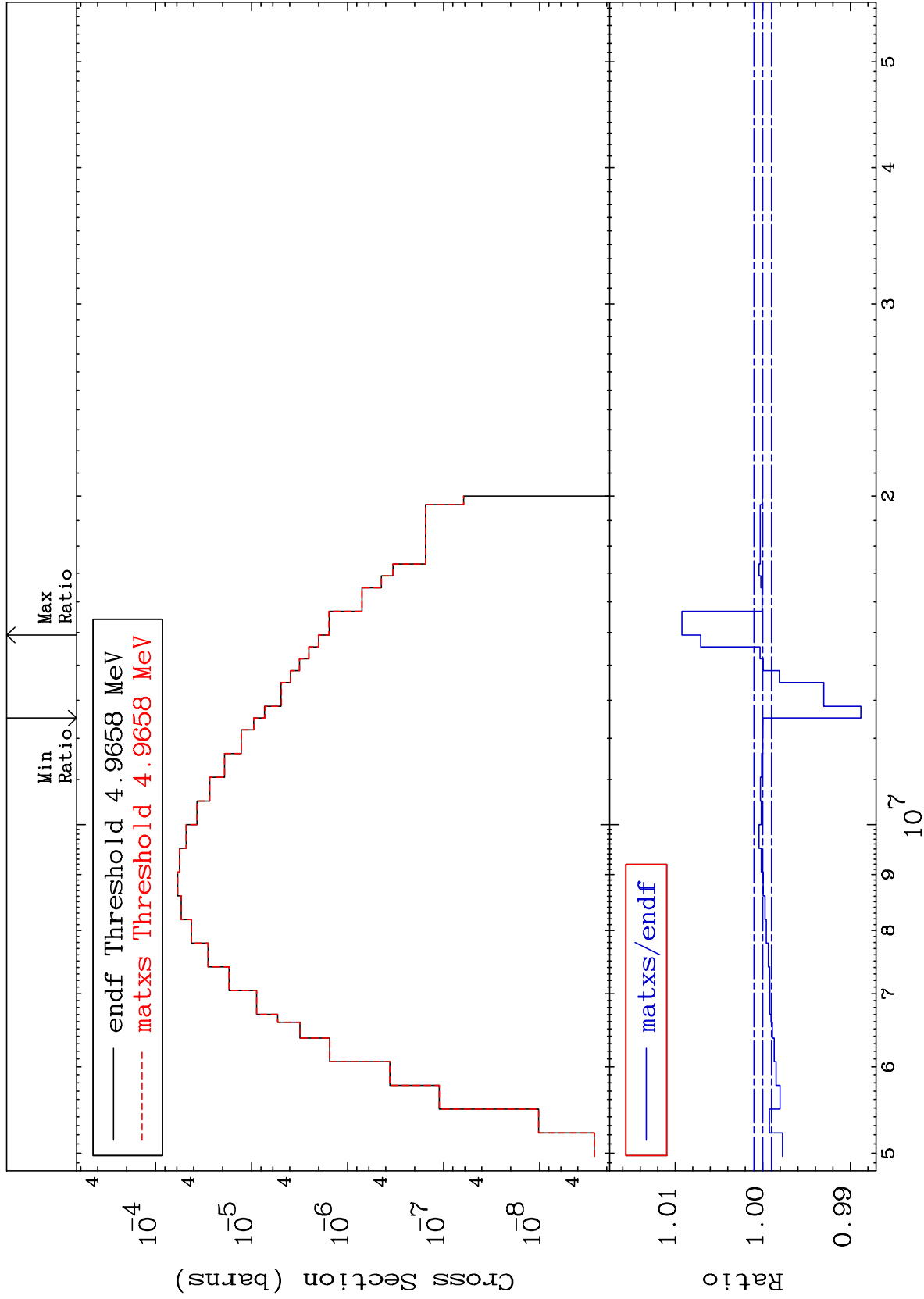
Incident Energy (eV)

39-Y -89

MAT 3925

3.126 MeV (n,p') Level
Cross Section

39-Y -89
-1.120 To 0.923 %



51

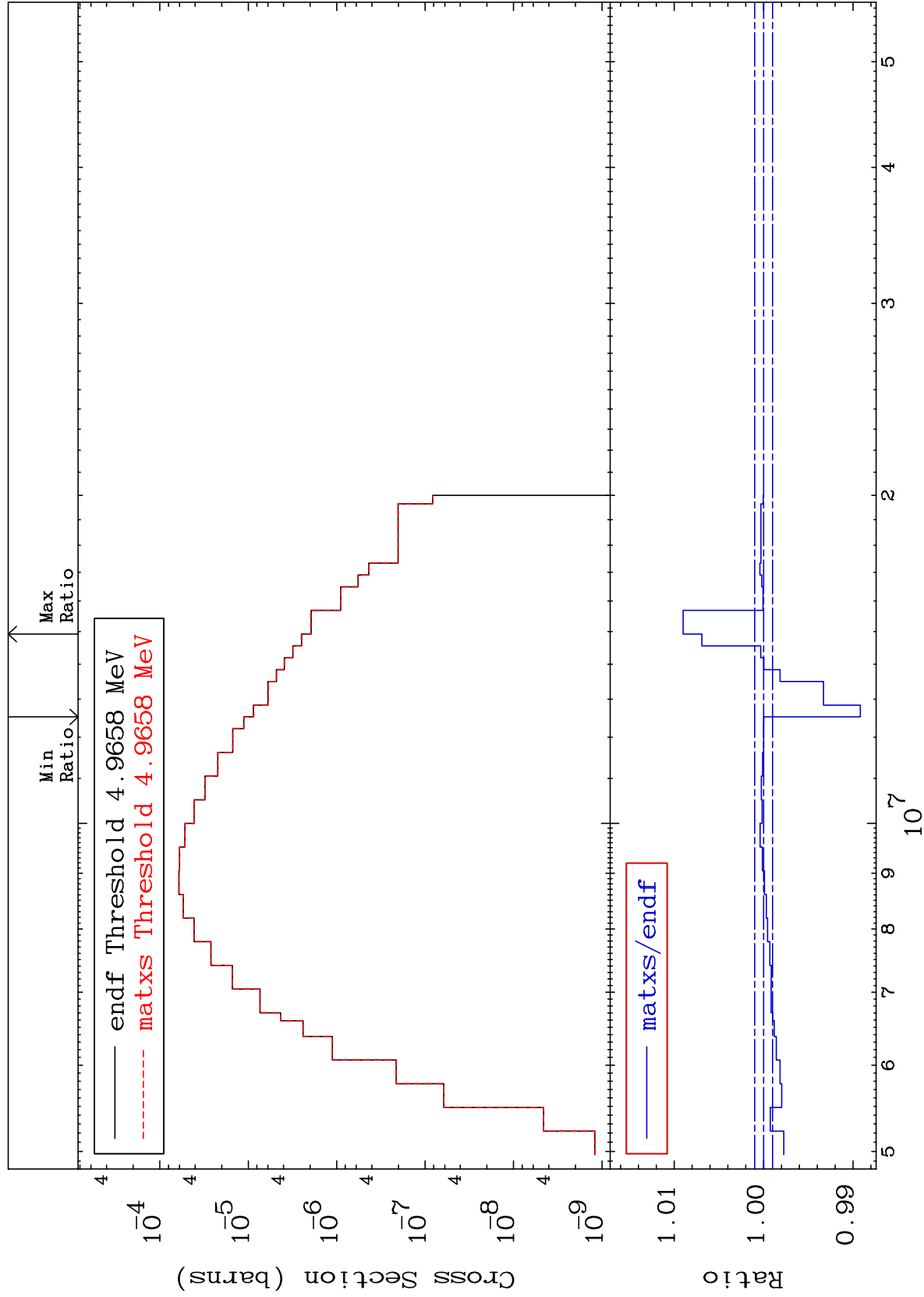
Incident Energy (eV)

39-Y -89

MAT 3925

3.200 MeV (n,p') Level
Cross Section

39-Y -89
-1.081 To 0.901 %



52

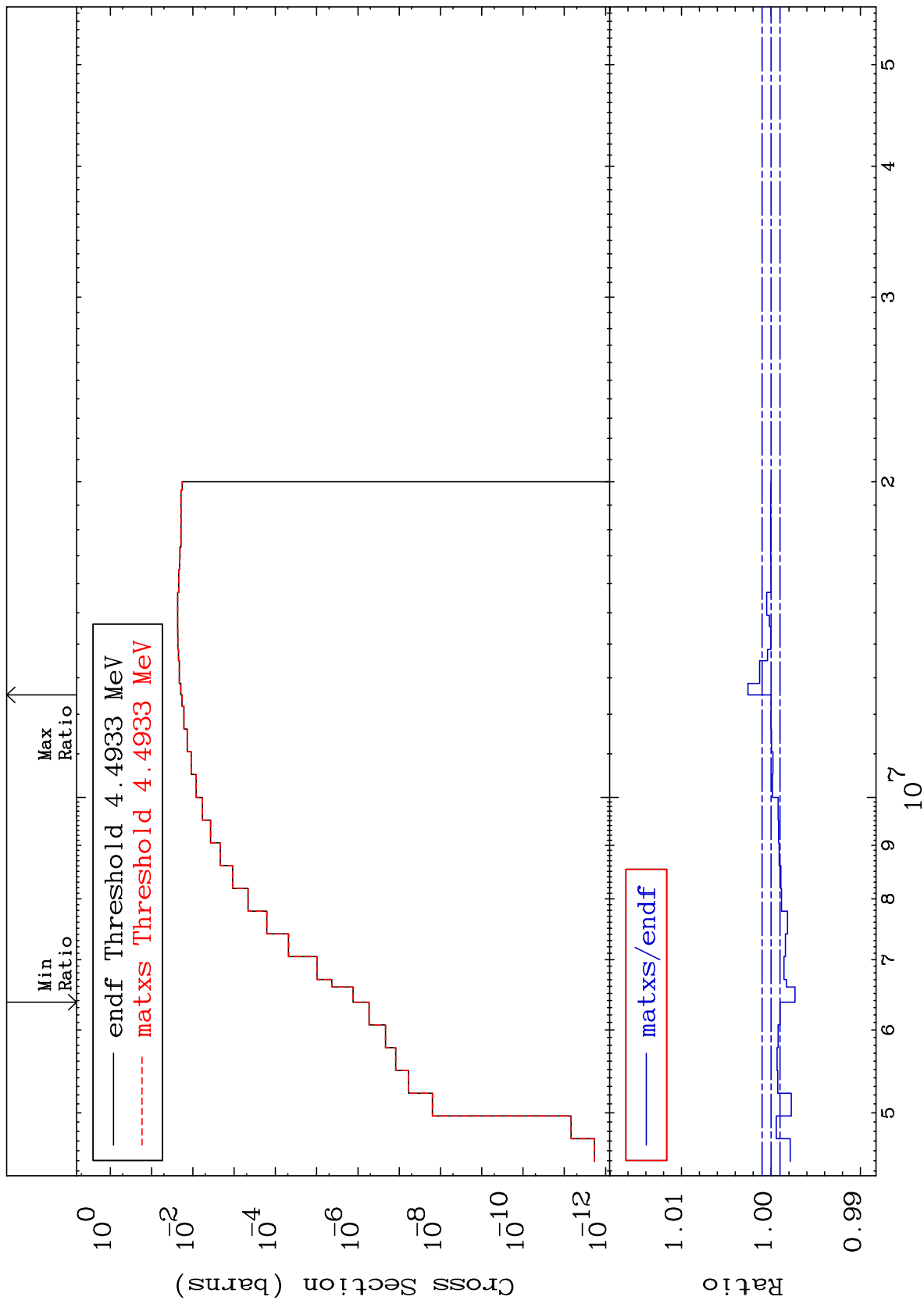
Incident Energy (eV)

39-Y -89

MAT 3925

3.755 MeV (n,p') Level
Cross Section

39-Y -89
-0.267 To 0.259 %



53

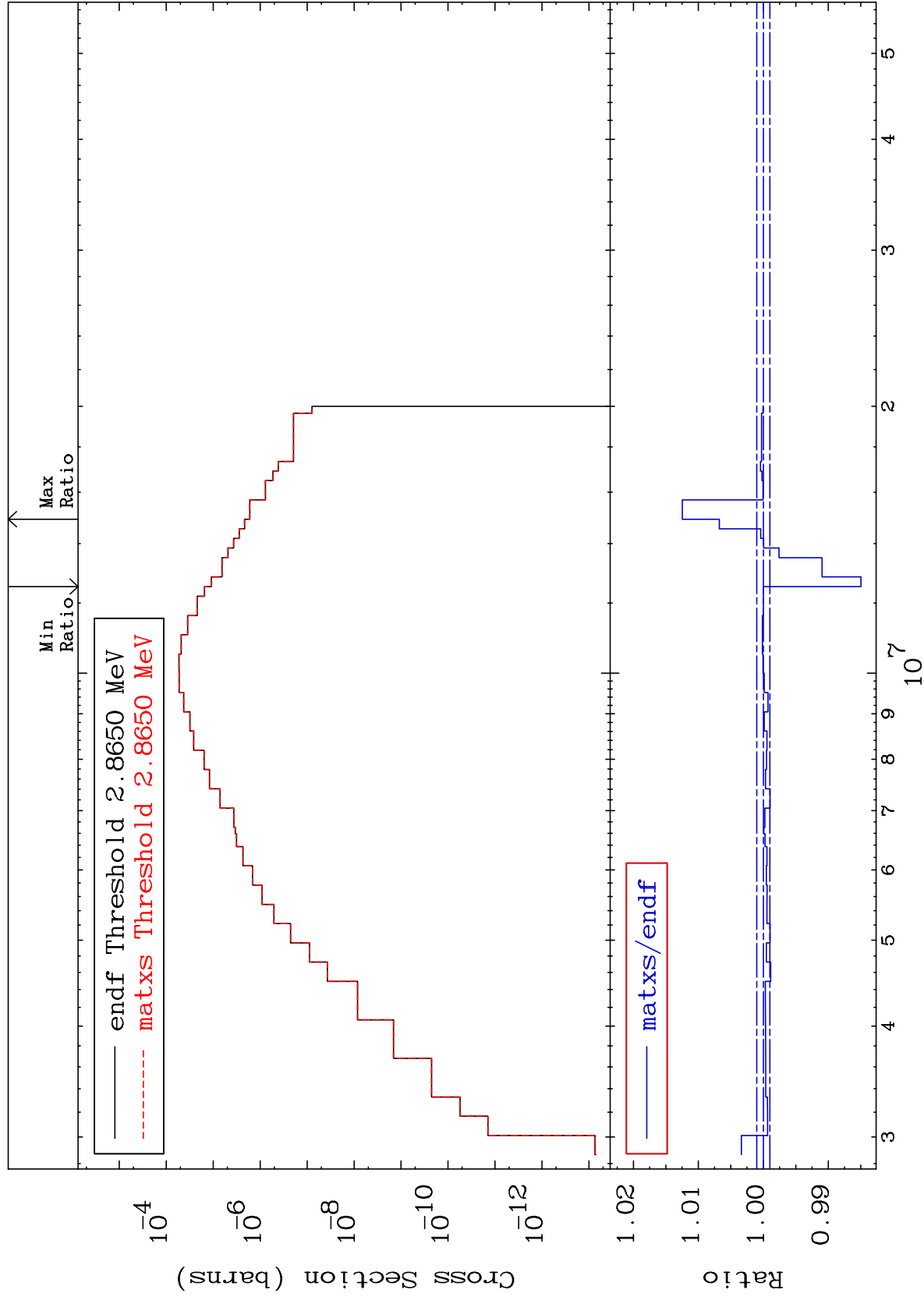
Incident Energy (eV)

39-Y -89

MAT 3925

(n, α') Ground
Cross Section

39-Y -89
-1.503 To 1.246 %



54

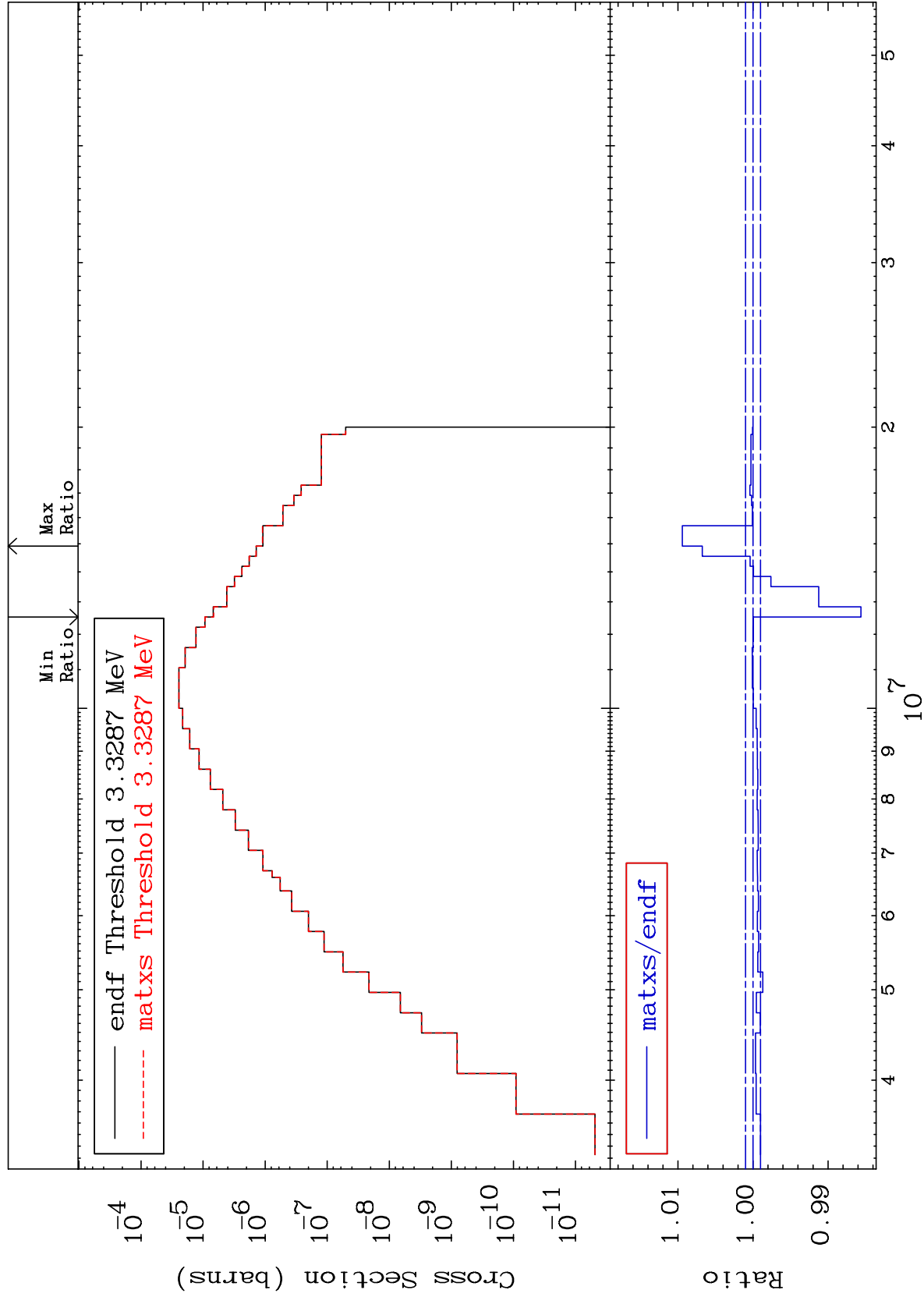
Incident Energy (eV)

39-Y -89

MAT 3925

488.2 keV (n, α') Level
Cross Section

39-Y -89
-1.439 To 0.942 %



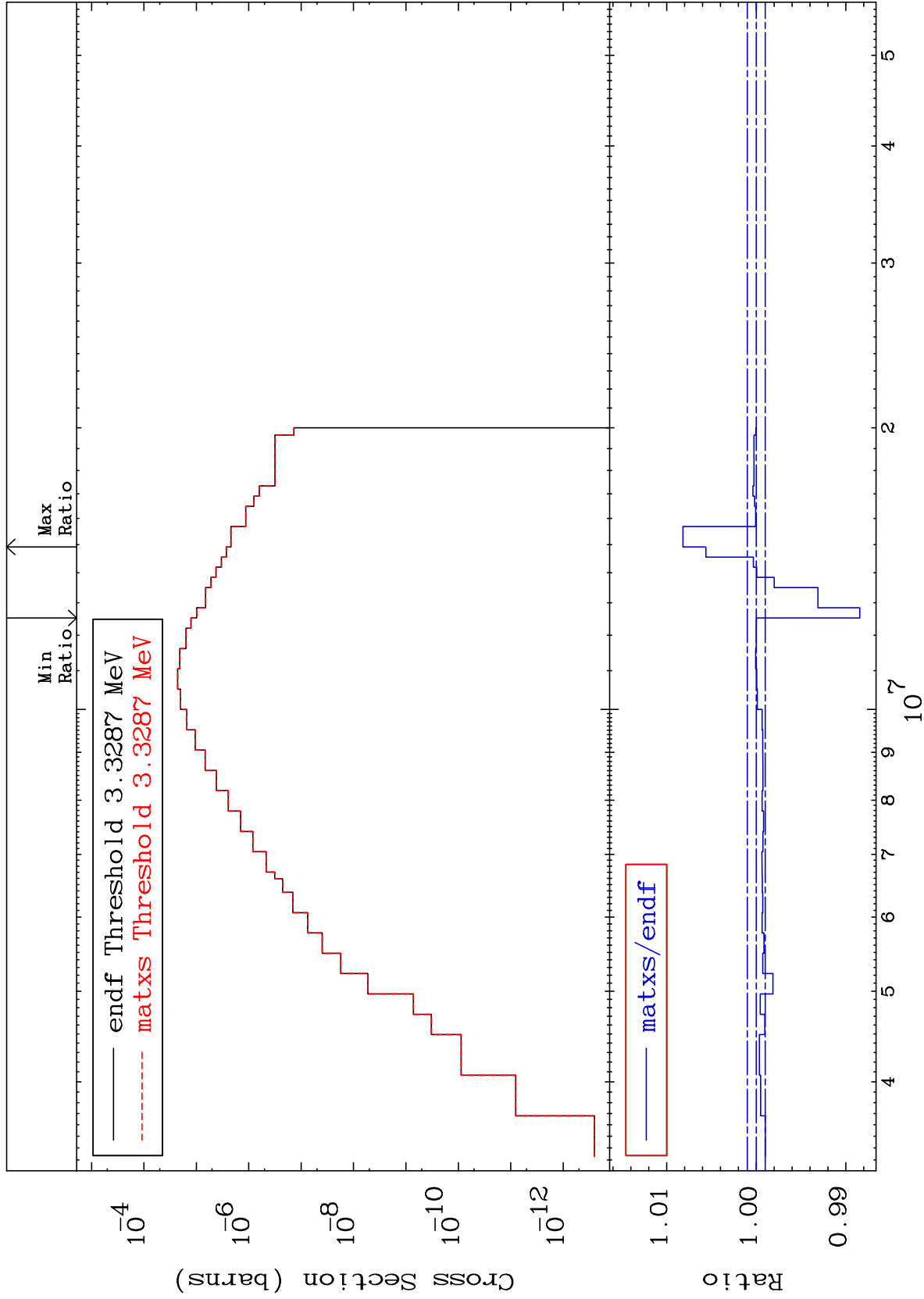
55

39-Y -89

MAT 3925

556.1 keV (n, α') Level
Cross Section

39-Y -89
-1.155 To 0.818 %



56

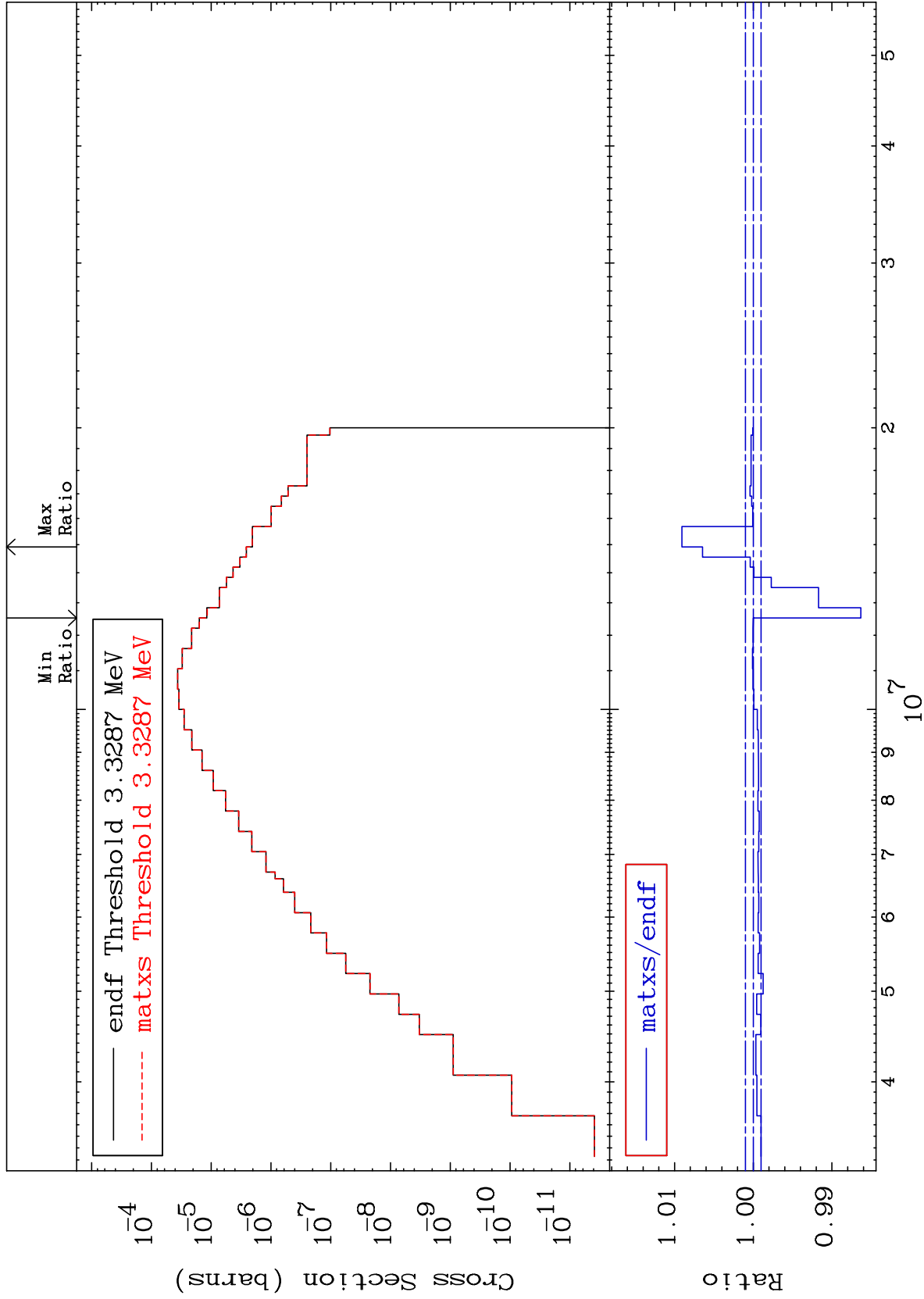
Incident Energy (eV)

39-Y -89

MAT 3925

557.0 keV (n,α') Level
Cross Section

39-Y -89
-1.367 To 0.906 %



57

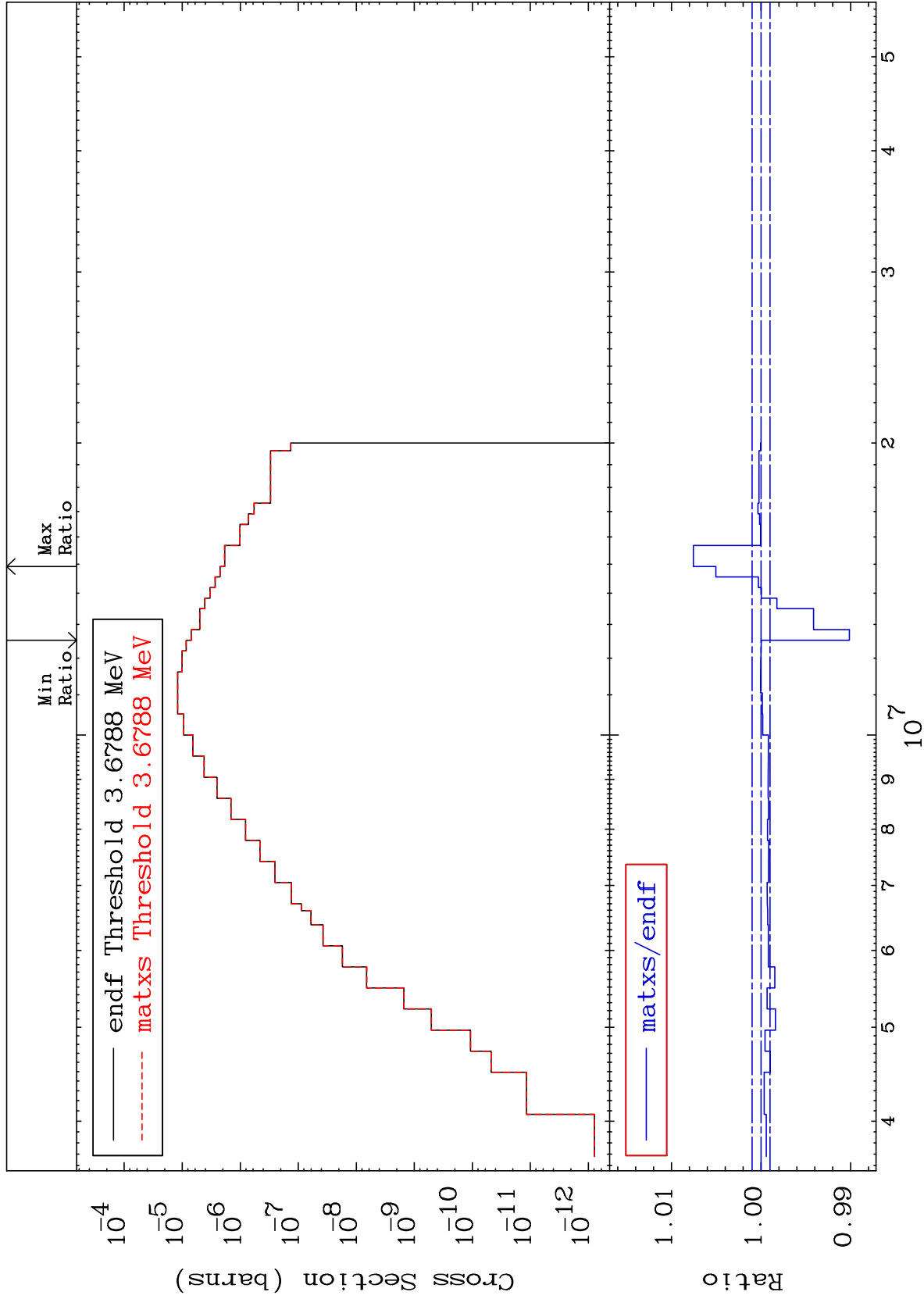
Incident Energy (eV)

39-Y -89

MAT 3925

780.3 keV (n, α') Level
Cross Section

39-Y -89
-0.986 To 0.755 %



58

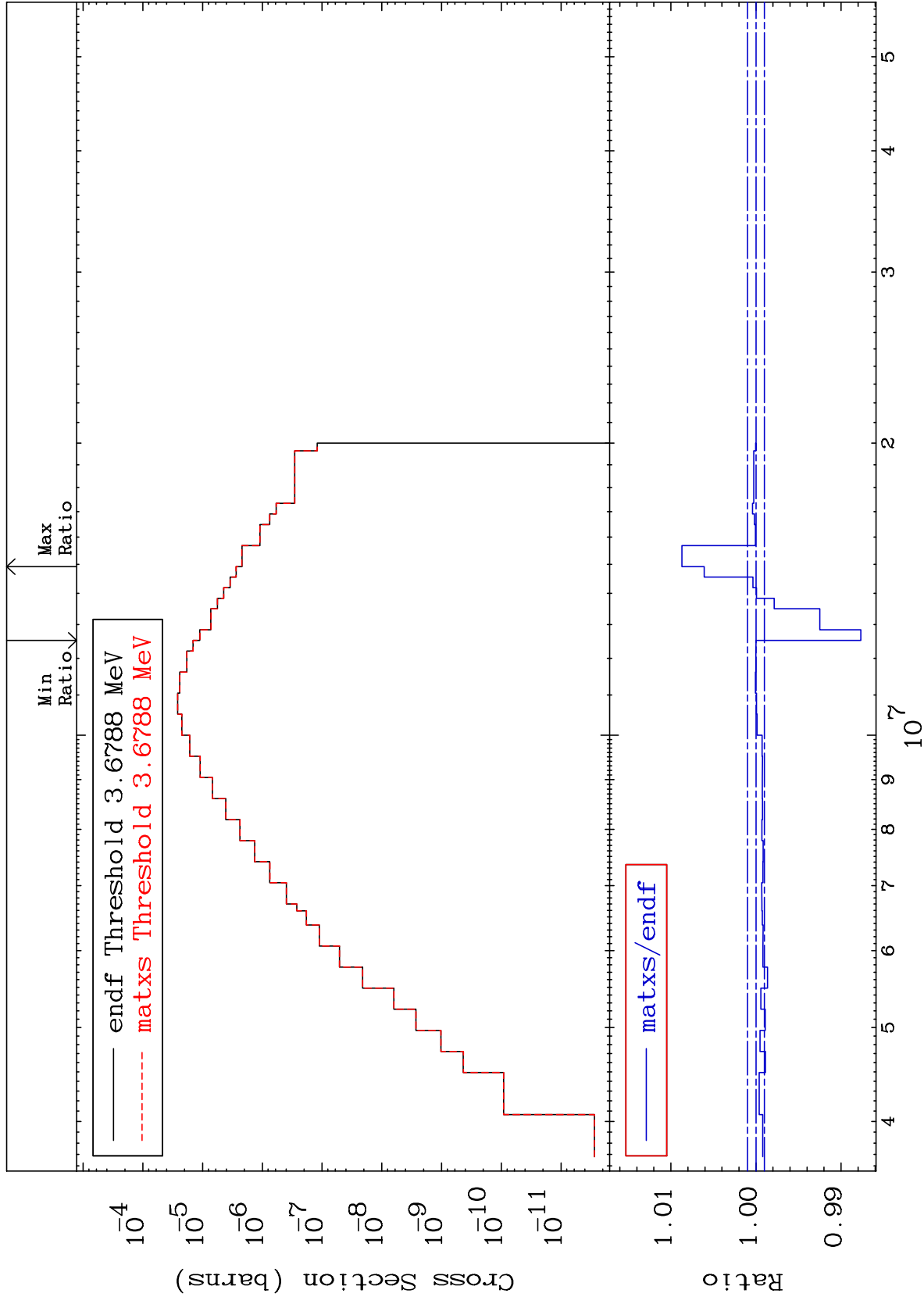
Incident Energy (eV)

39-Y -89

MAT 3925

873.2 keV (n,α') Level
Cross Section

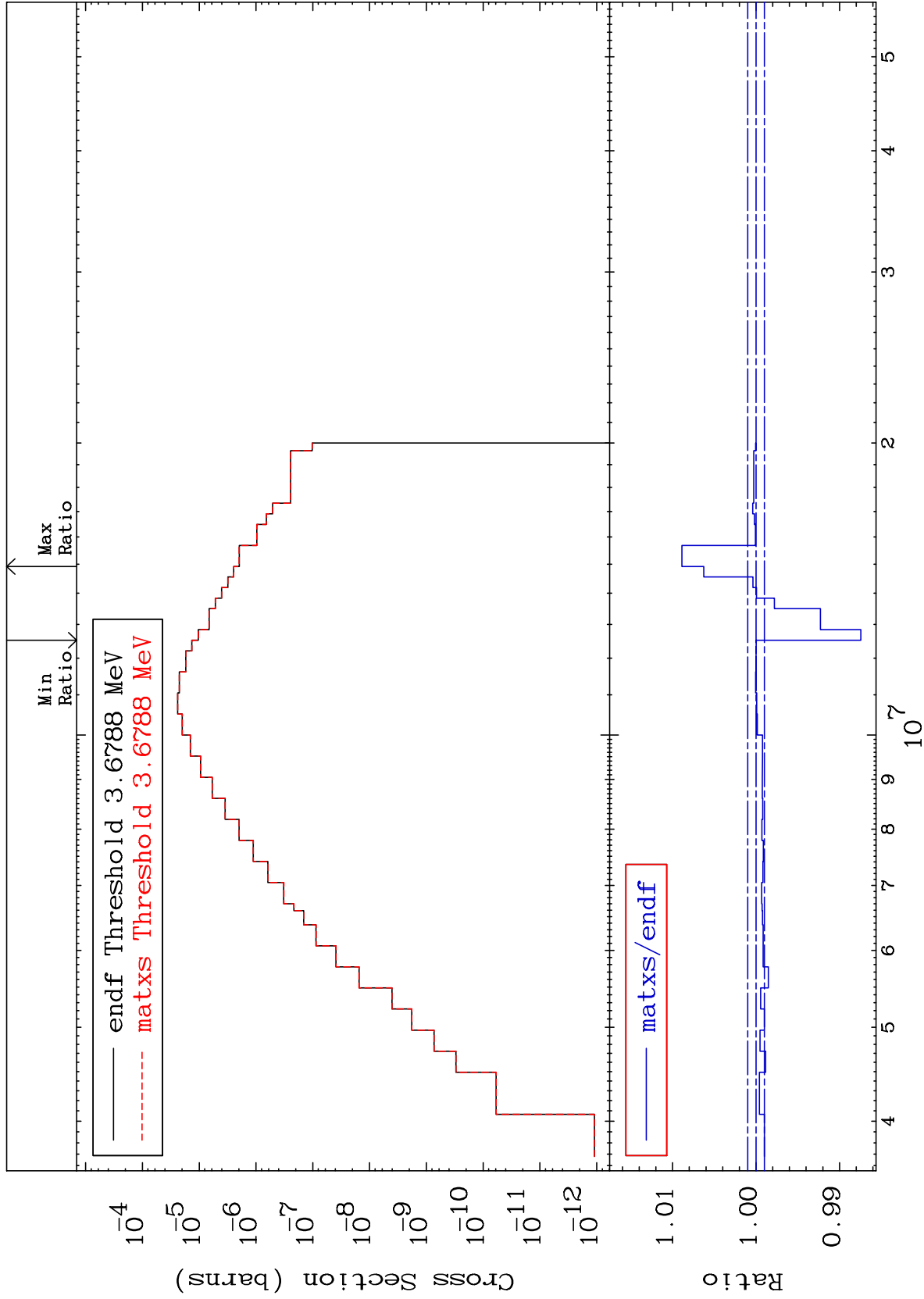
39-Y -89
-1.232 To 0.870 %



MAT 3925

978.7 keV (n, α') Level
Cross Section

39-Y -89
-1.255 To 0.888 %



60

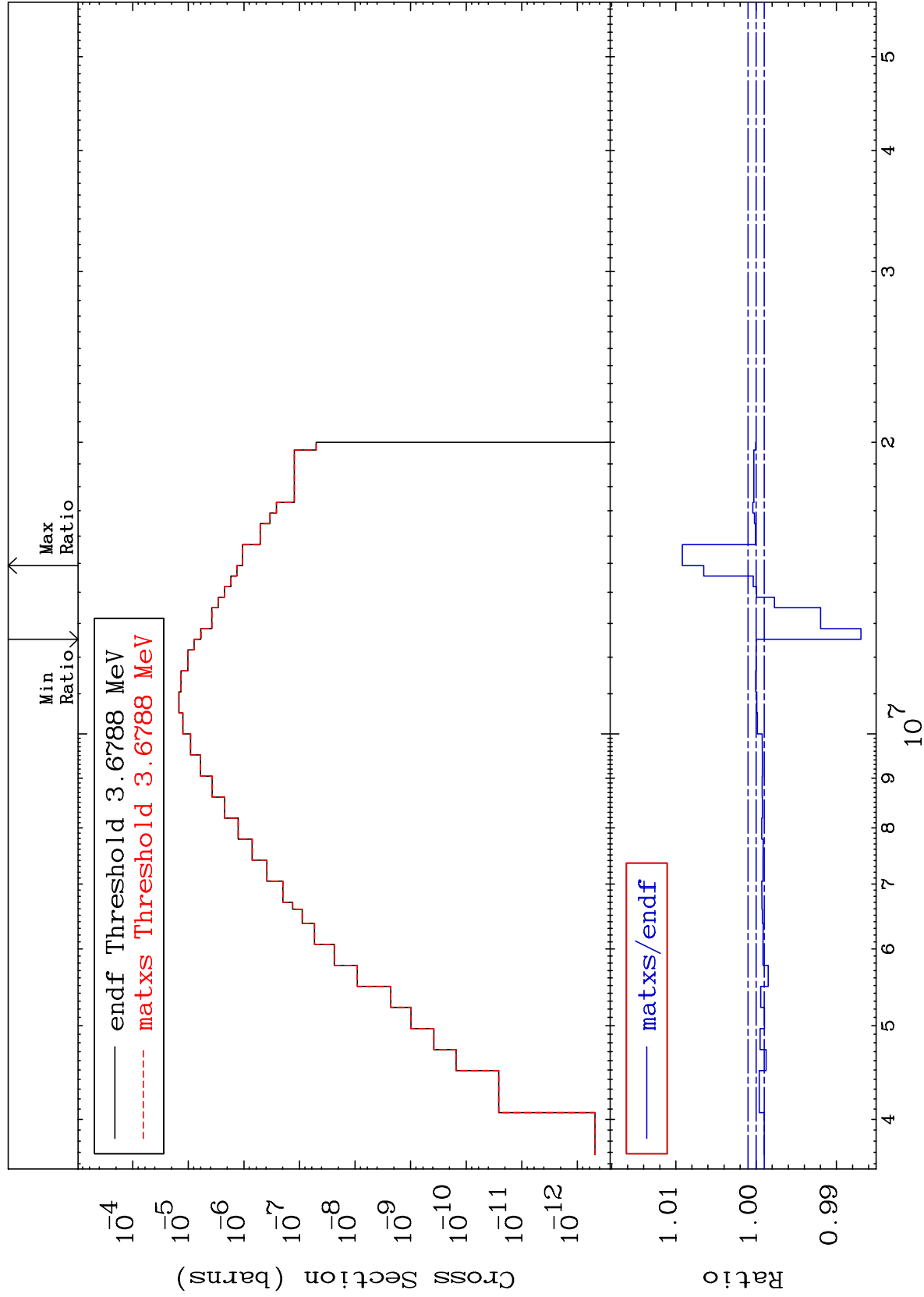
Incident Energy (eV)

39-Y -89

MAT 3925

1.027 MeV (n, α') Level
Cross Section

39-Y -89
-1.305 To 0.919 %



61

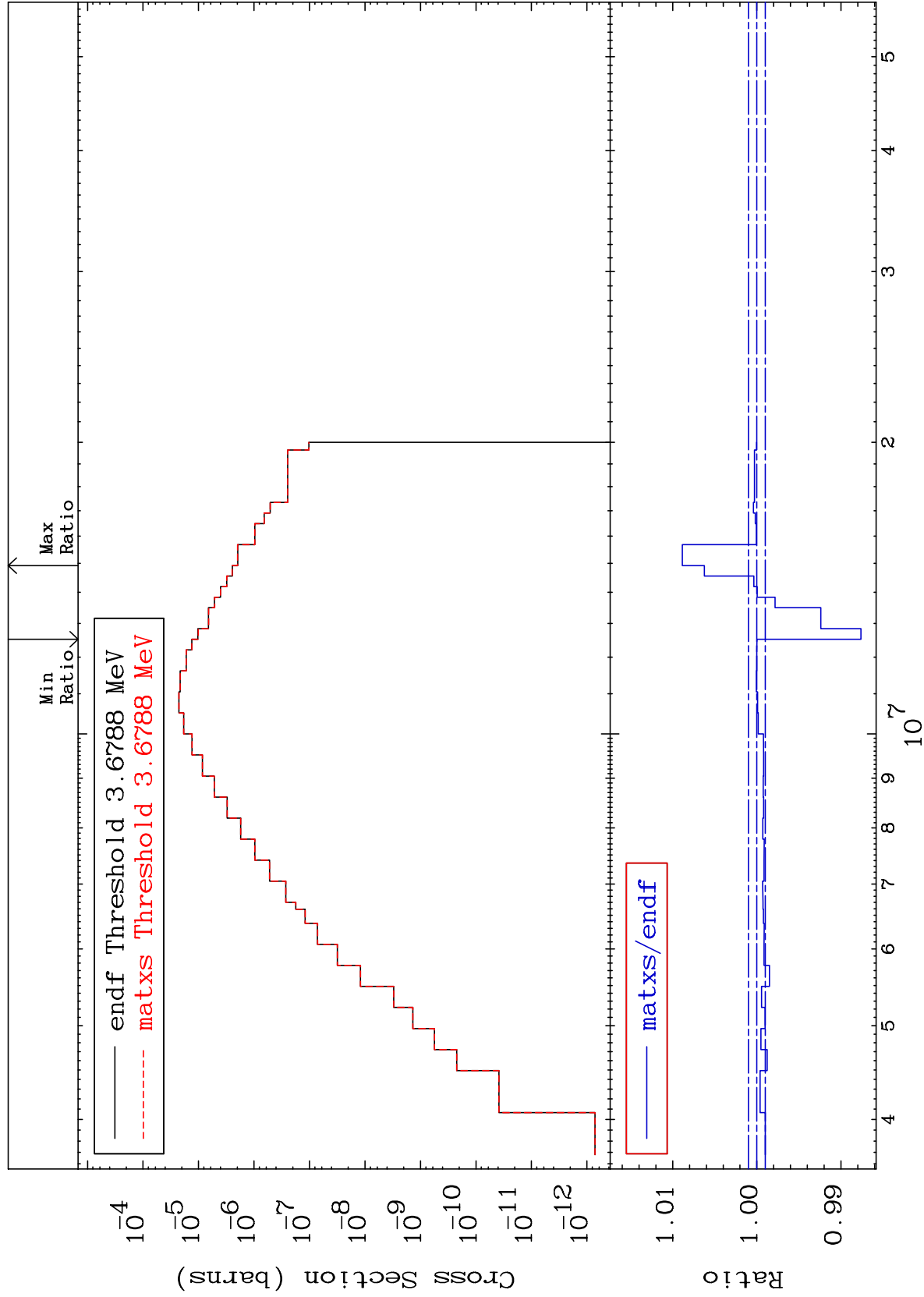
Incident Energy (eV)

39-Y -89

MAT 3925

1.033 MeV (n, α') Level
Cross Section

39-Y -89
-1.237 To 0.885 %



62

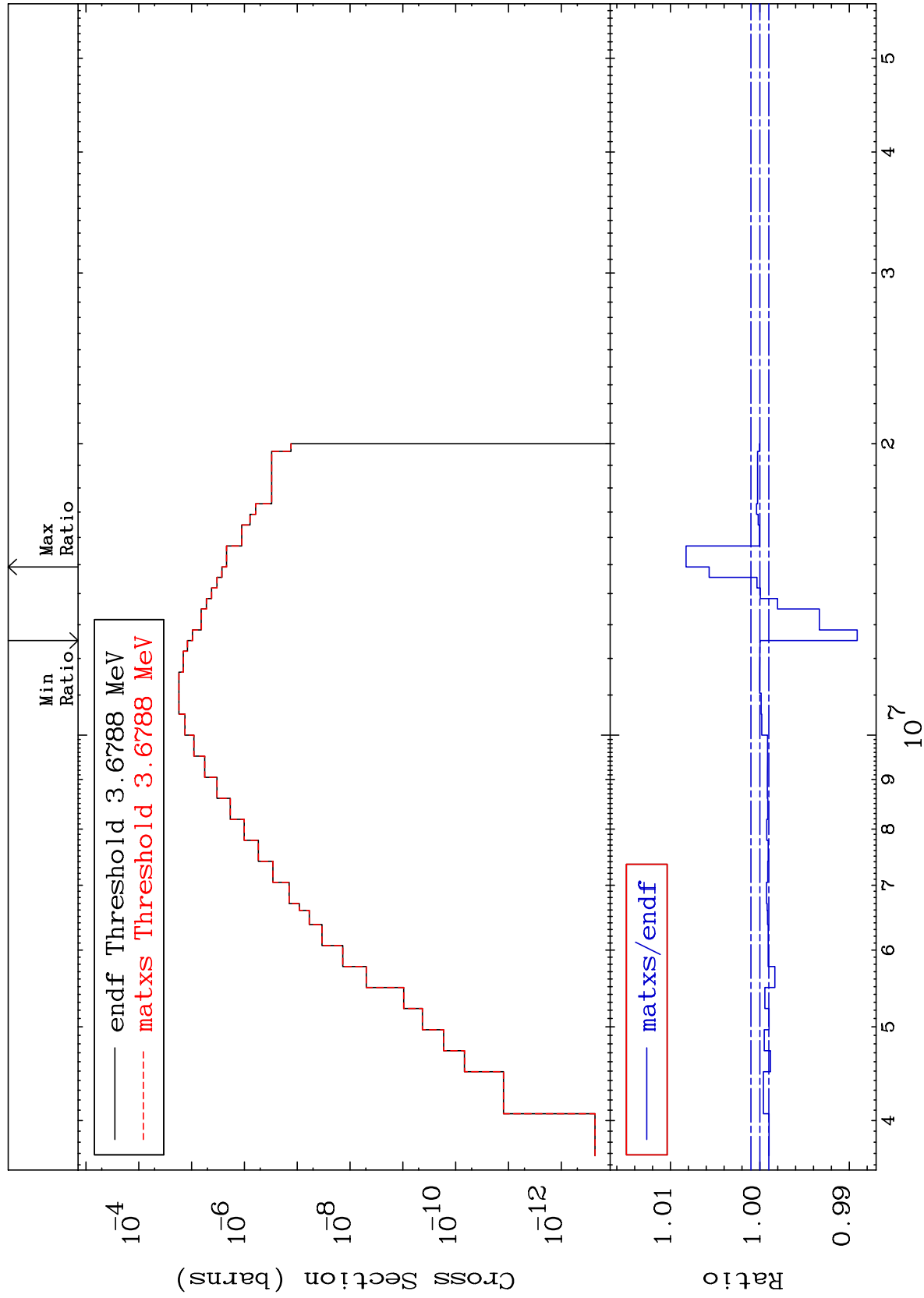
Incident Energy (eV)

39-Y -89

MAT 3925

1.093 MeV (n, α') Level
Cross Section

39-Y -89
-1.089 To 0.826 %



63

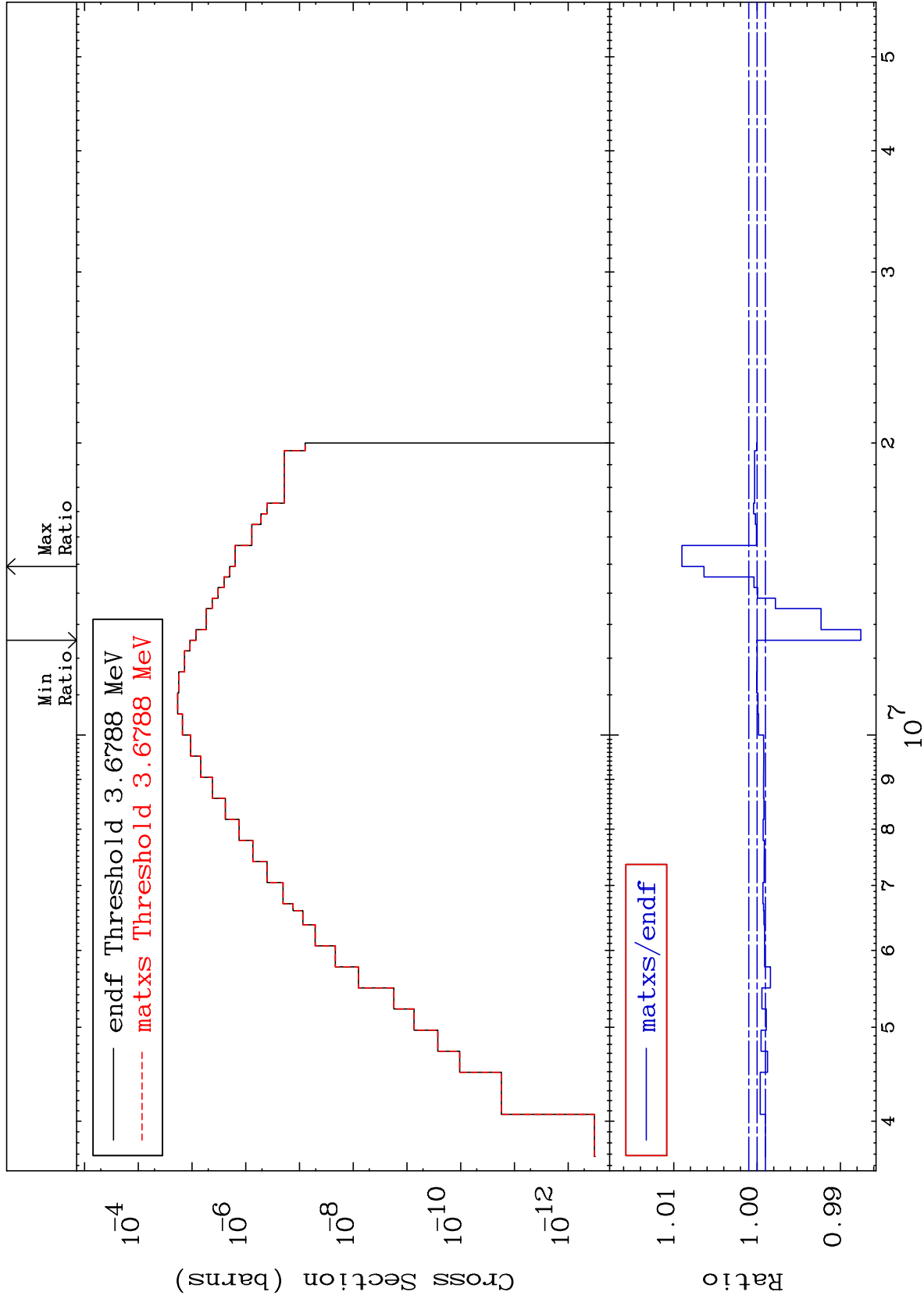
Incident Energy (eV)

39-Y -89

MAT 3925

1.106 MeV (n, α') Level
Cross Section

39-Y -89
-1.245 To 0.901 %



64

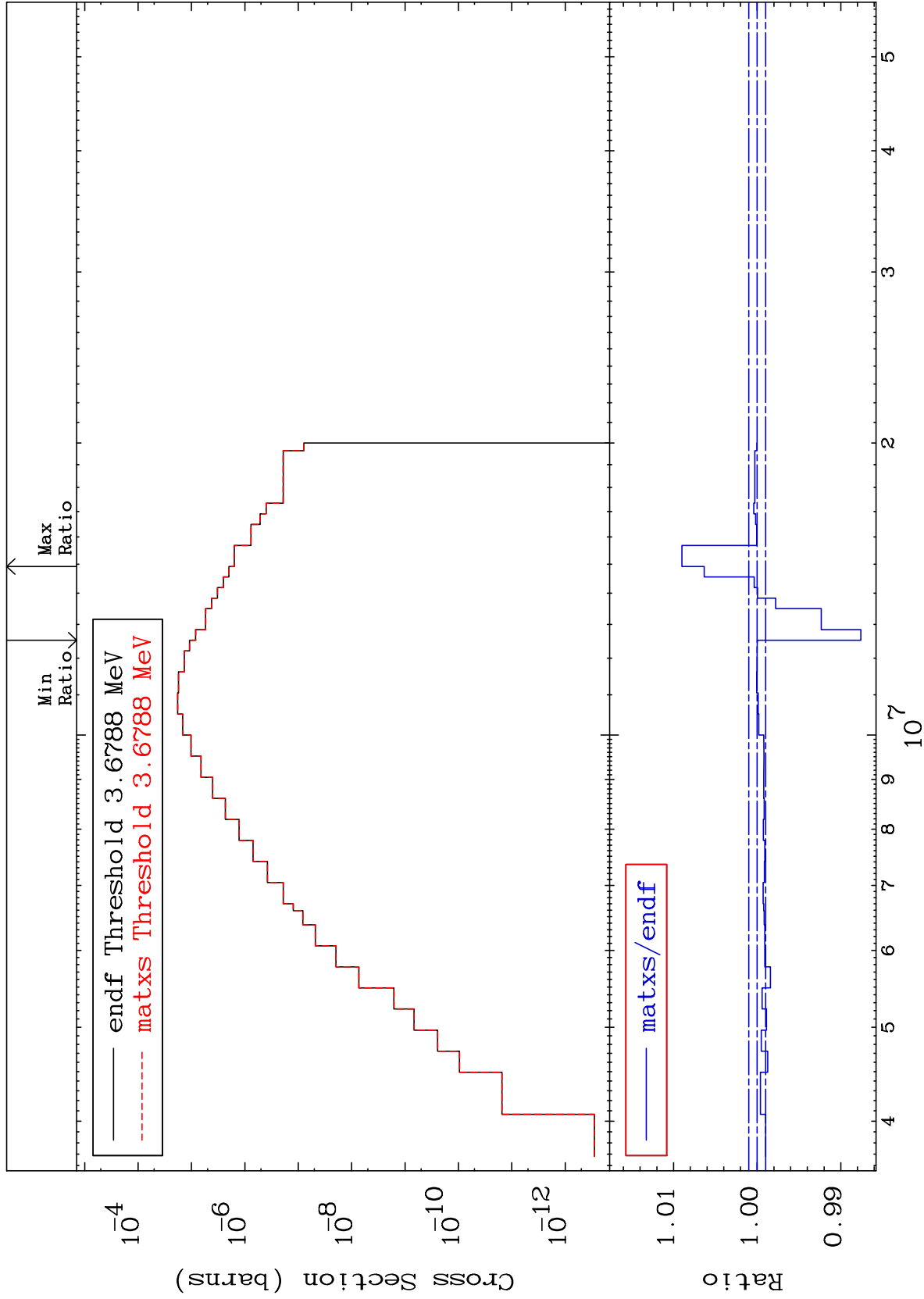
Incident Energy (eV)

39-Y -89

MAT 3925

1.122 MeV (n, α') Level
Cross Section

39-Y -89
-1.240 To 0.900 %



65

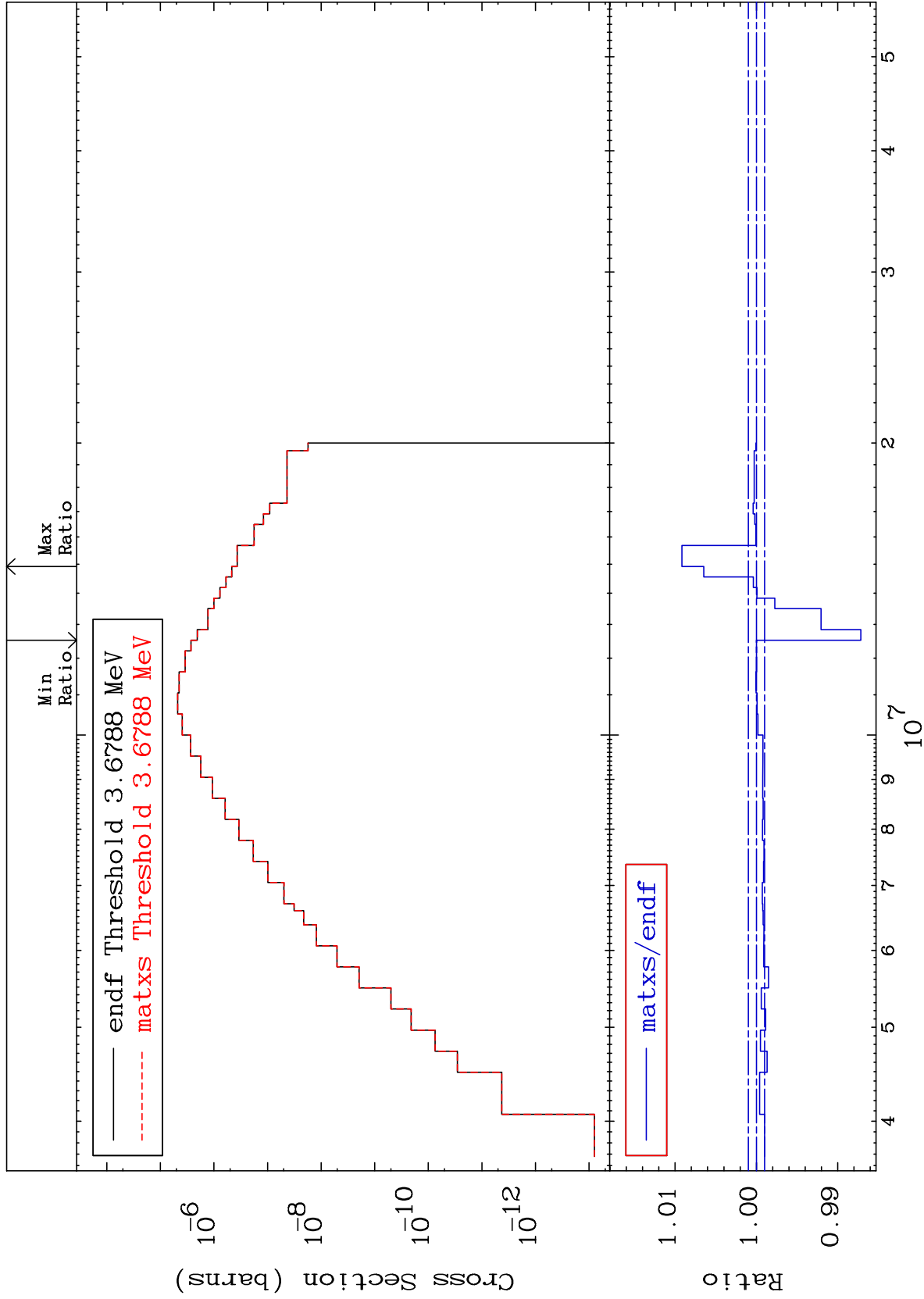
Incident Energy (eV)

39-Y -89

MAT 3925

1.156 MeV (n, α') Level
Cross Section

39-Y -89
-1.284 To 0.915 %



66

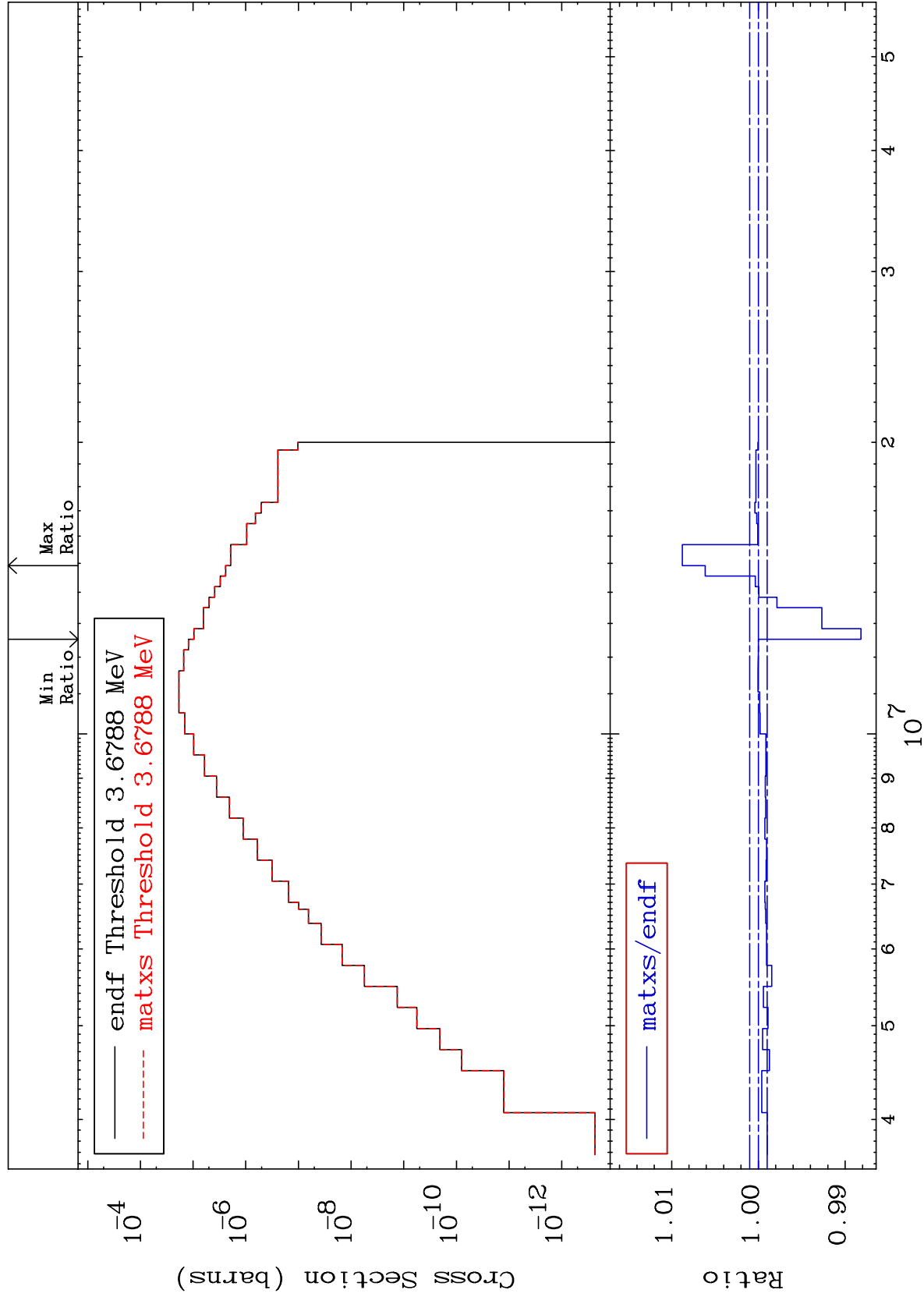
Incident Energy (eV)

39-Y -89

MAT 3925

1.196 MeV (n, α') Level
Cross Section

39-Y -89
-1.182 To 0.876 %



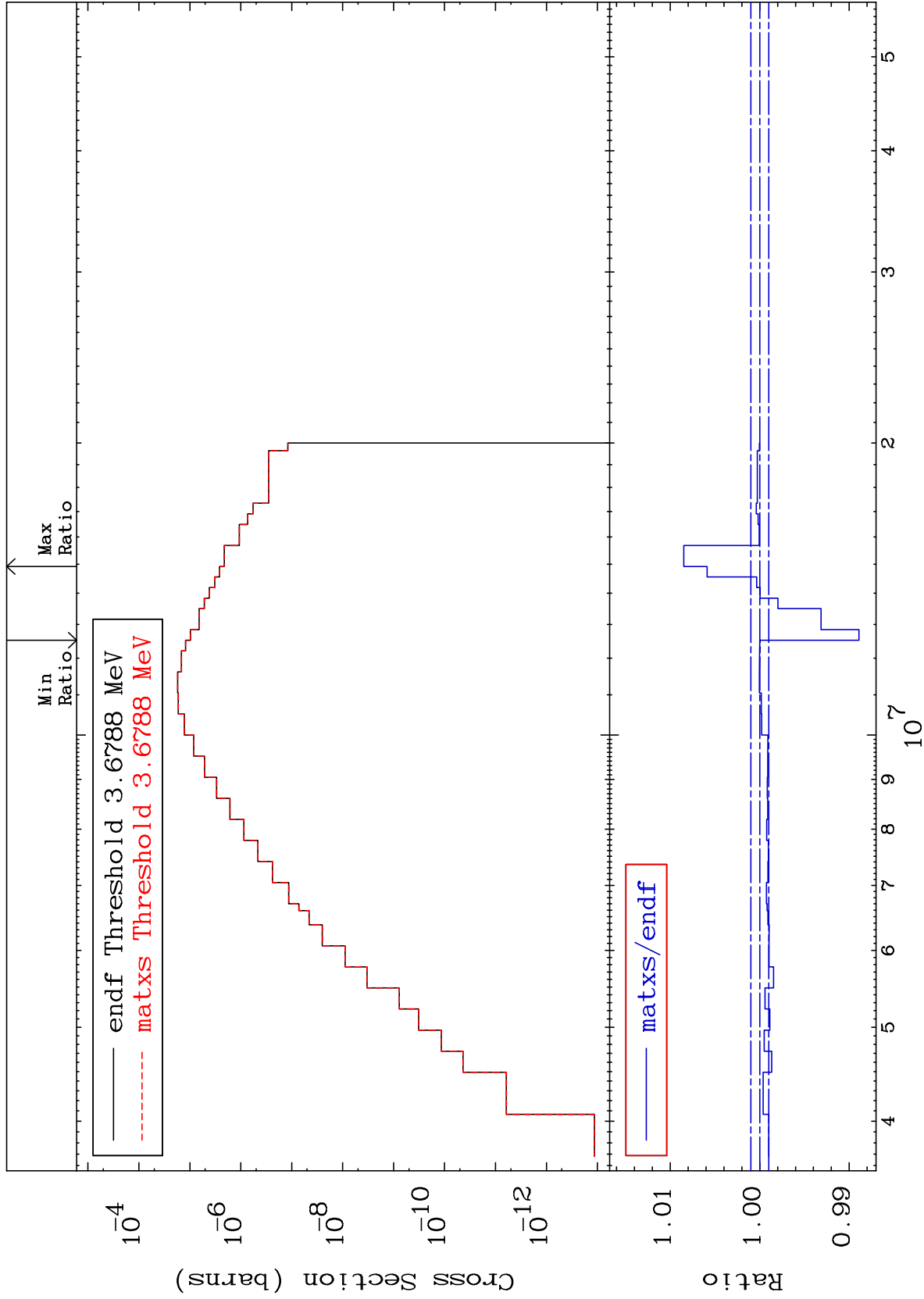
67

39-Y -89

MAT 3925

1.248 MeV (n, α') Level
Cross Section

39-Y -89
-1.109 To 0.848 %



68

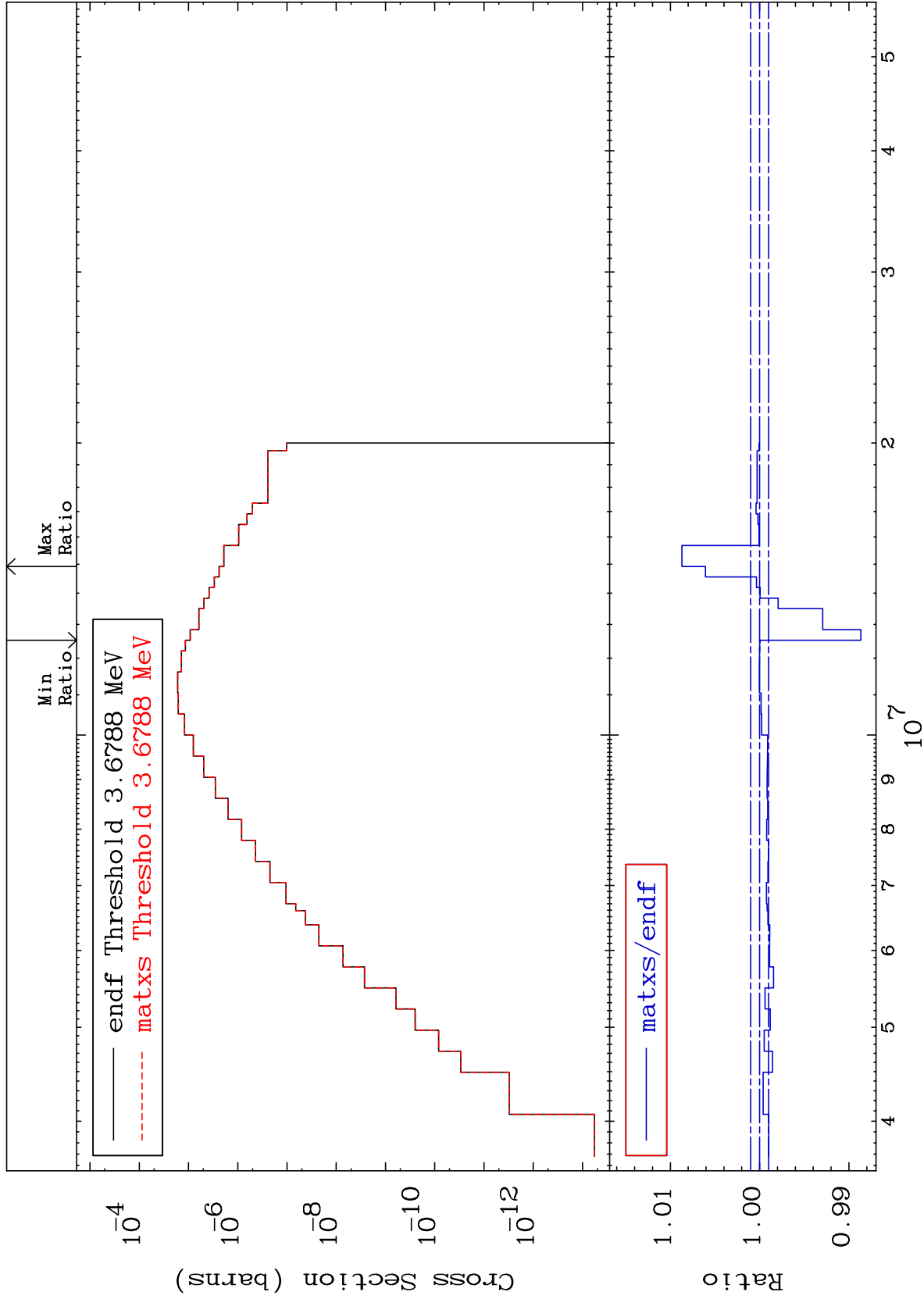
Incident Energy (eV)

39-Y -89

MAT 3925

1.305 MeV (n, α') Level
Cross Section

39-Y -89
-1.133 To 0.870 %



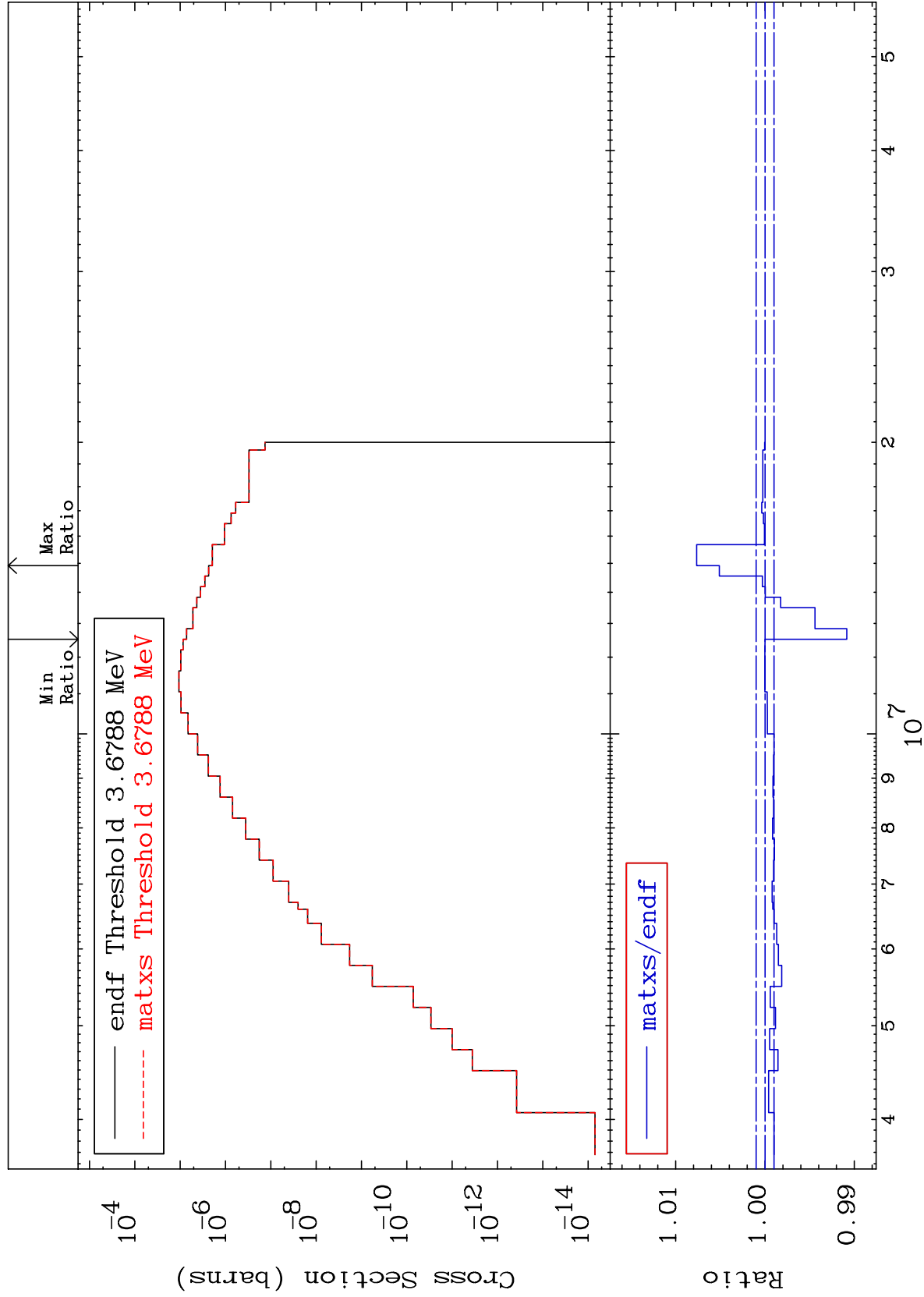
69

39-Y -89

MAT 3925

1.309 MeV (n, α') Level
Cross Section

39-Y -89
-0.915 To 0.766 %



70

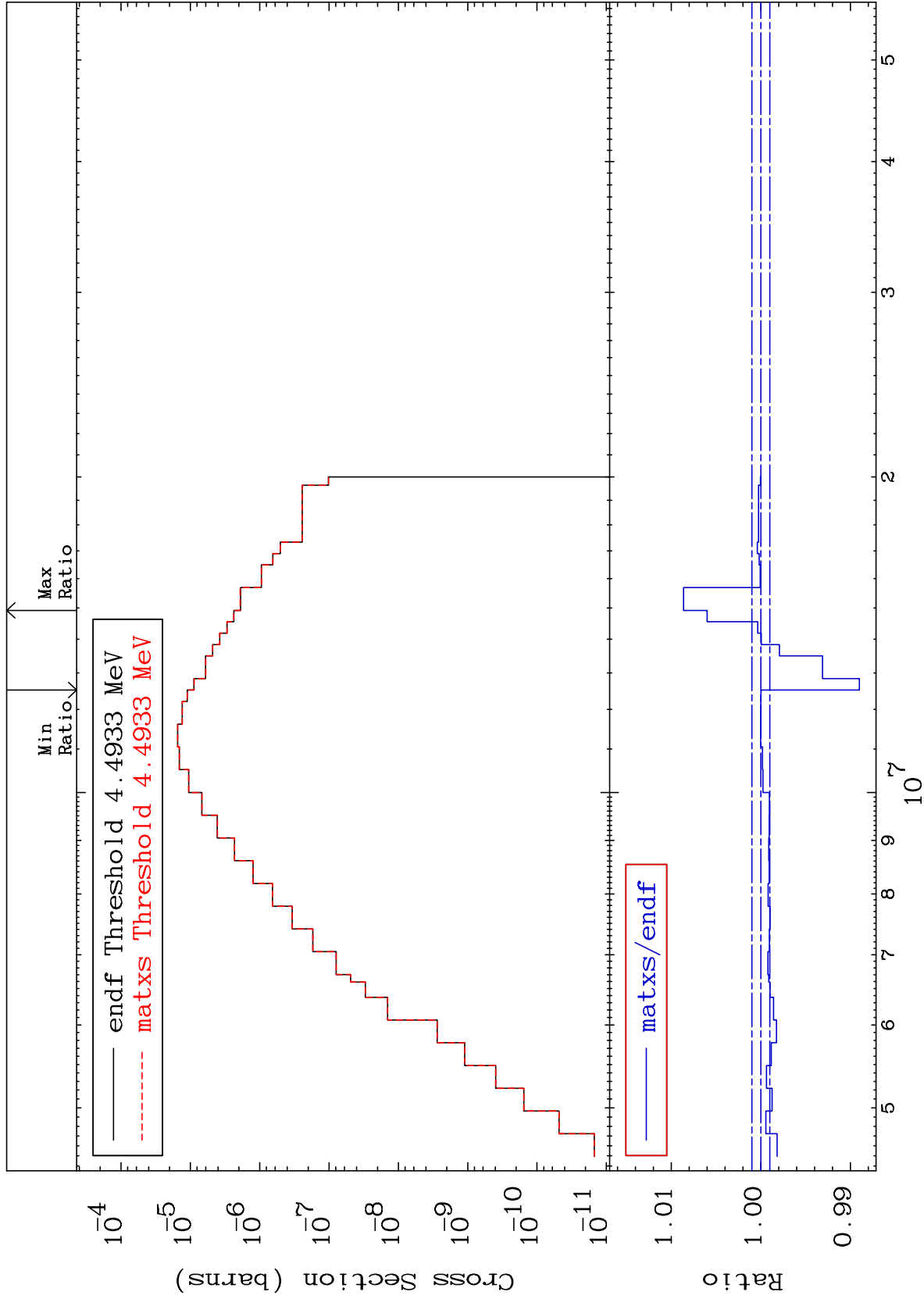
Incident Energy (eV)

39-Y -89

MAT 3925

1.389 MeV (n, α') Level
Cross Section

39-Y -89
-1.099 To 0.865 %



71

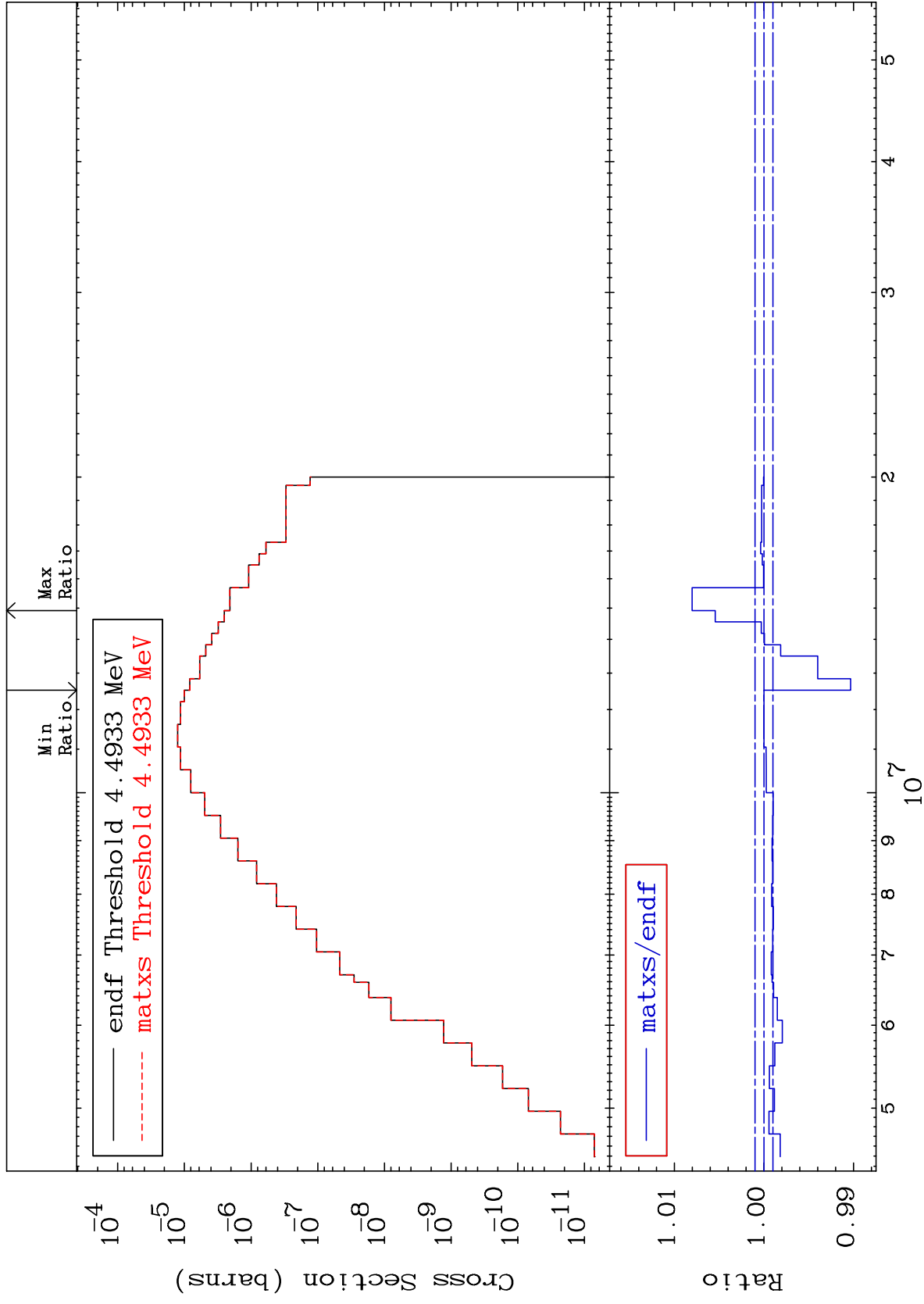
Incident Energy (eV)

39-Y -89

MAT 3925

1.412 MeV (n, α') Level
Cross Section

39-Y -89
-0.968 To 0.803 %



72

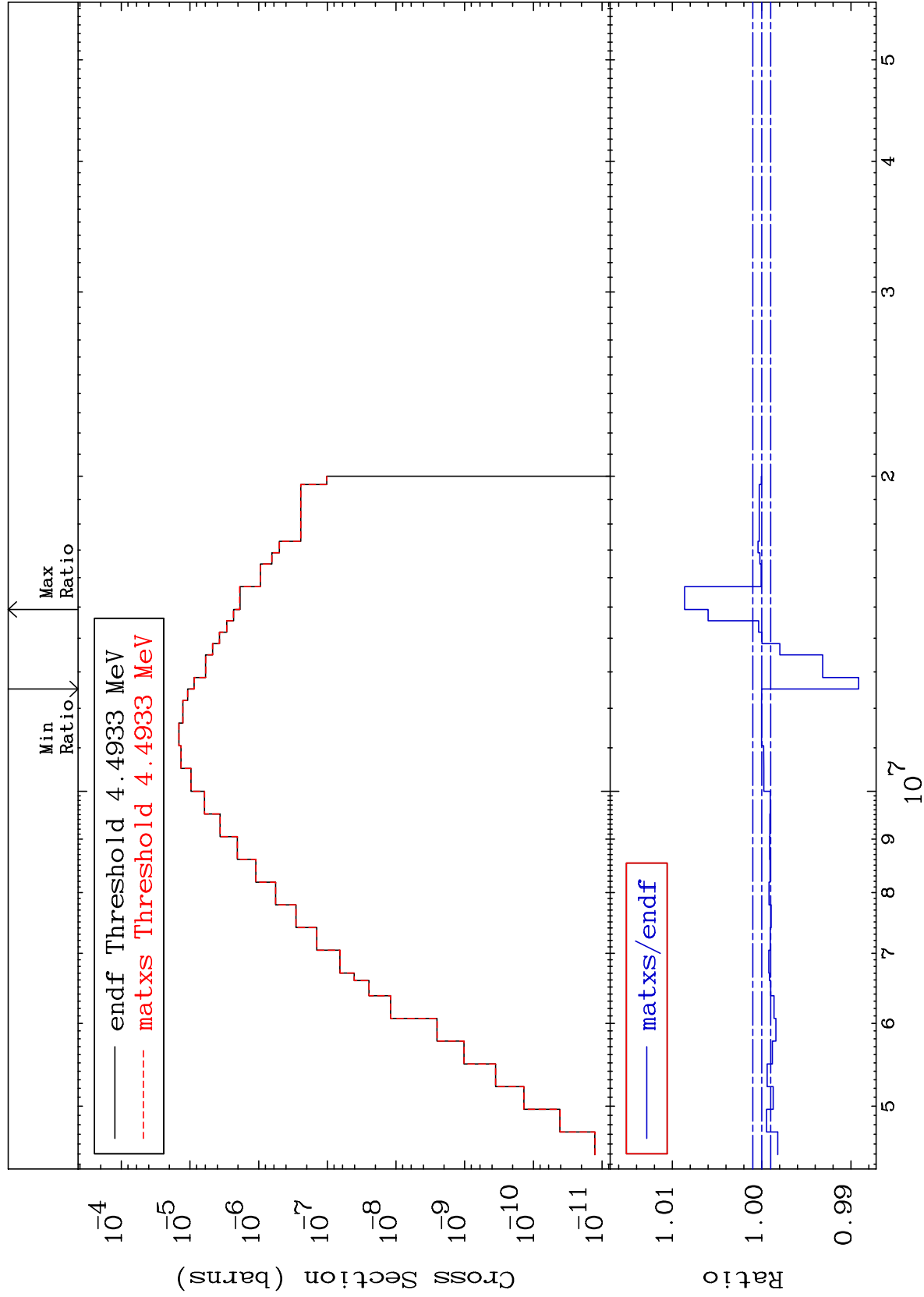
Incident Energy (eV)

39-Y -89

MAT 3925

1.439 MeV (n,α') Level
Cross Section

39-Y -89
-1.085 To 0.861 %



73

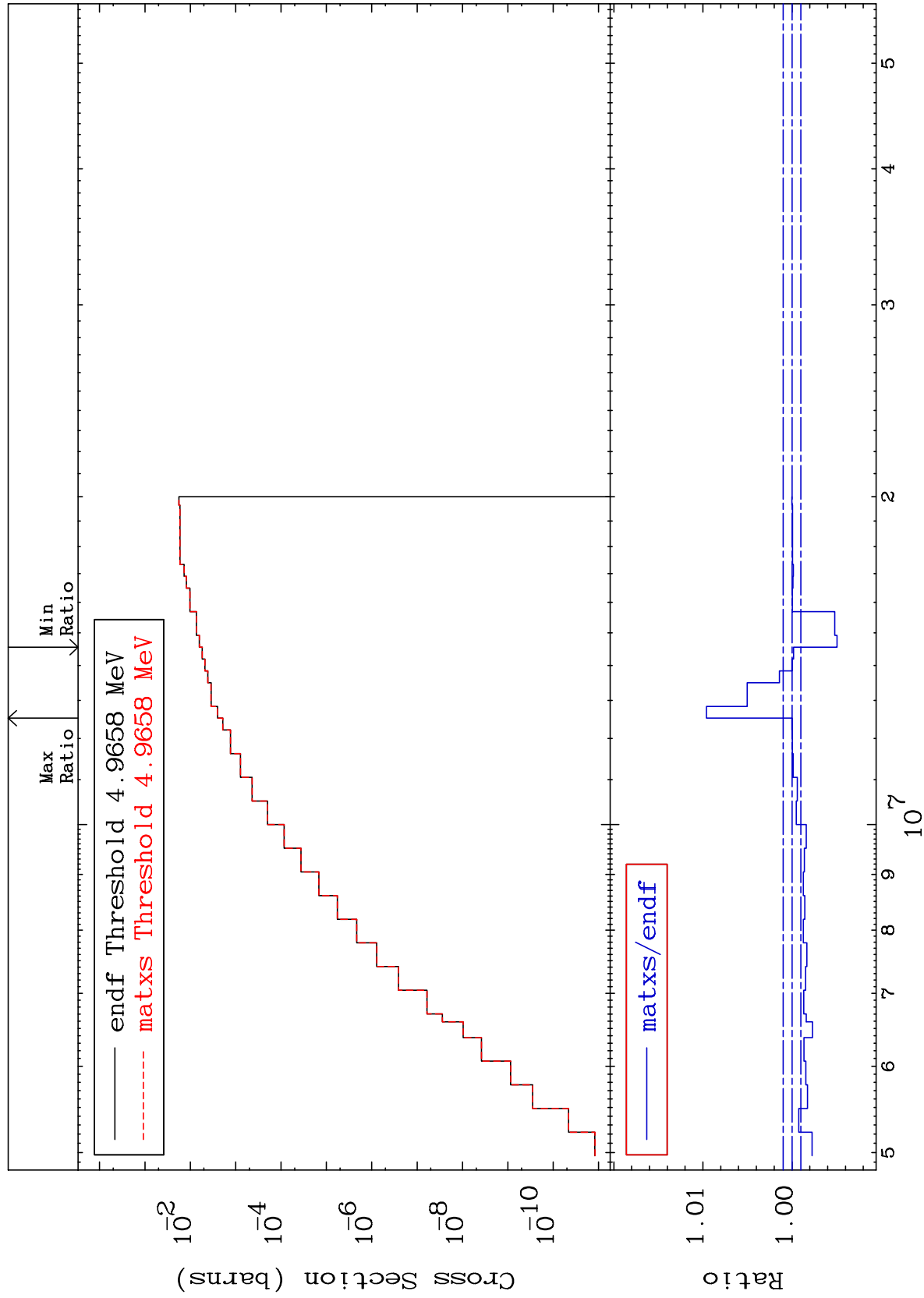
Incident Energy (eV)

39-Y -89

MAT 3925

2.025 MeV (n,α') Level
Cross Section

39-Y -89
-0.504 To 0.961 %



74

Incident Energy (eV)

39-Y -89