

Program Complot
(Version 2015-2)

by

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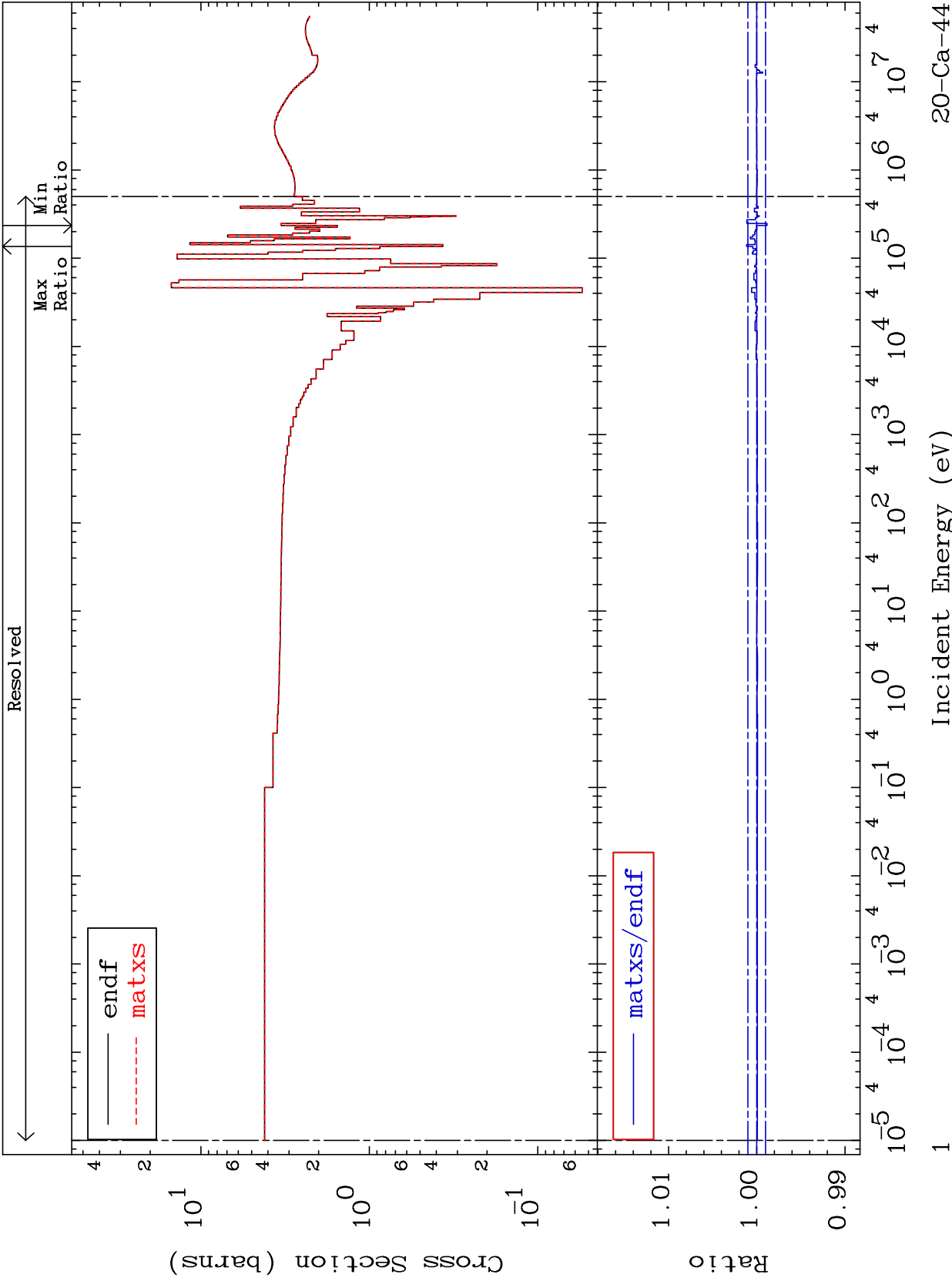
E.Mail: redcullen1@comcast.net
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2037

Total
Cross Section

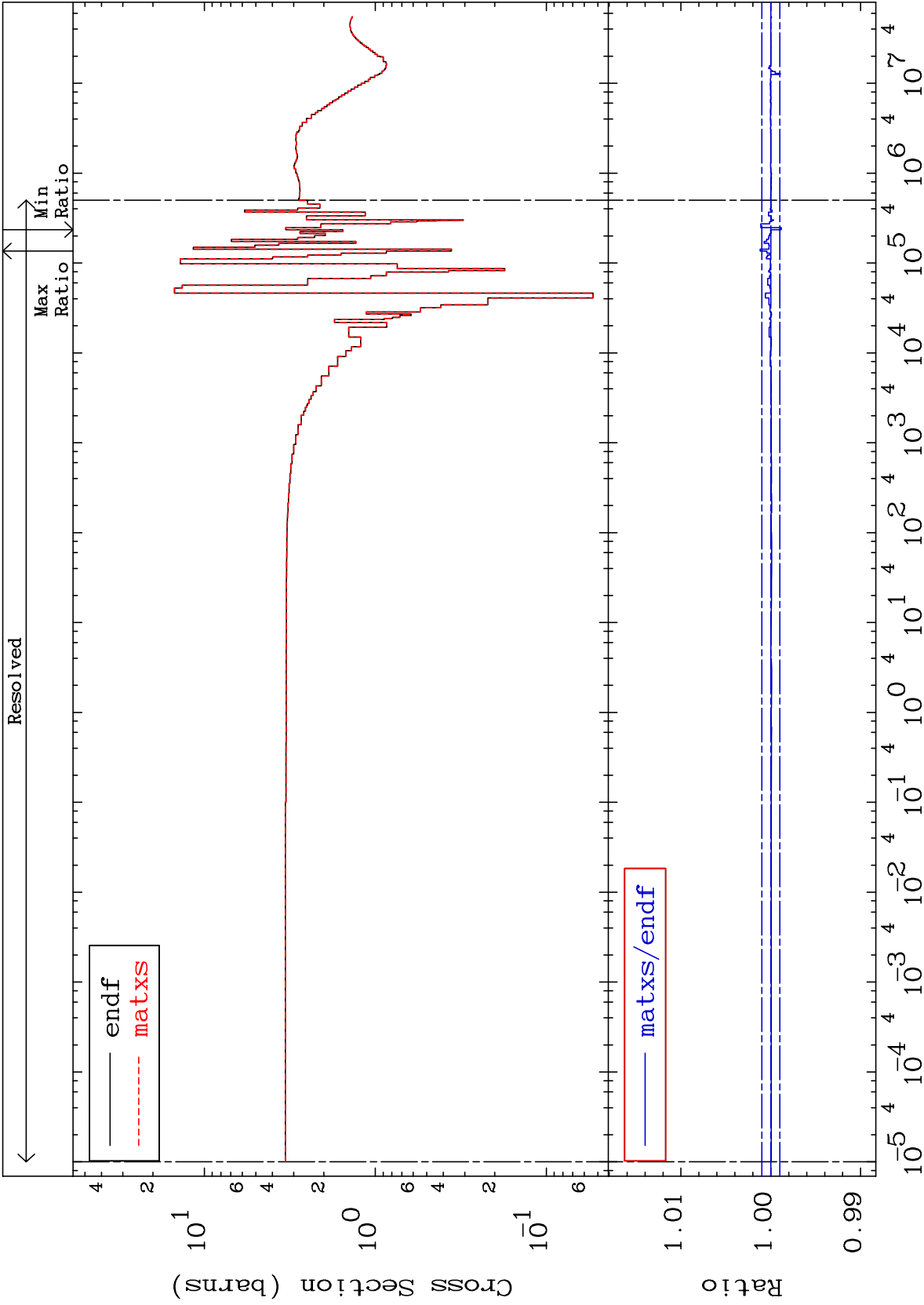
20-Ca-44
-0.117 To 0.115 %



MAT 2037

Elastic Cross Section

20-Ca-44
-0.117 To 0.118 %



2

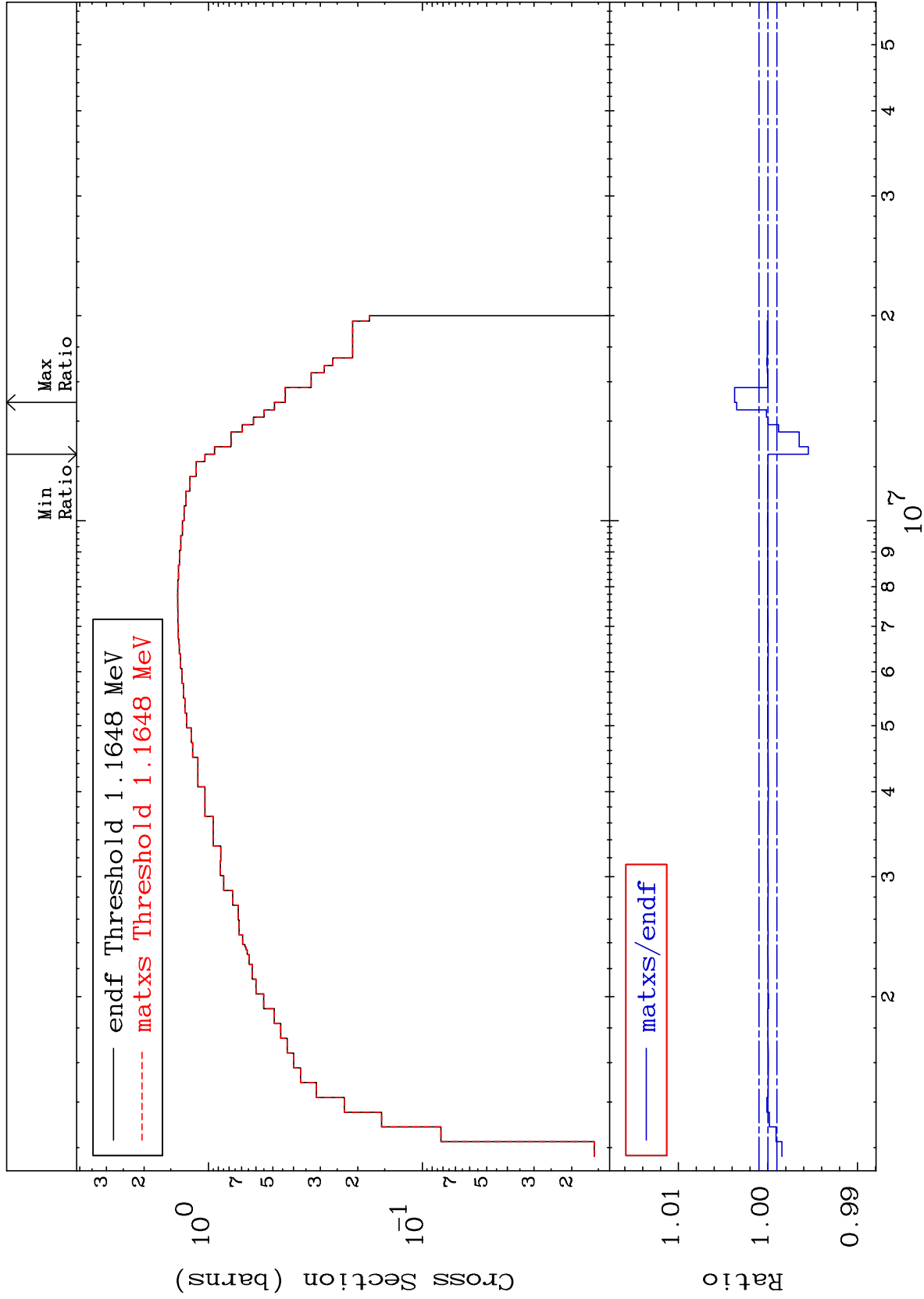
Incident Energy (eV)

20-Ca-44

MAT 2037

Inelastic
Cross Section

20-Ca-44
-0.451 To 0.374 %



3

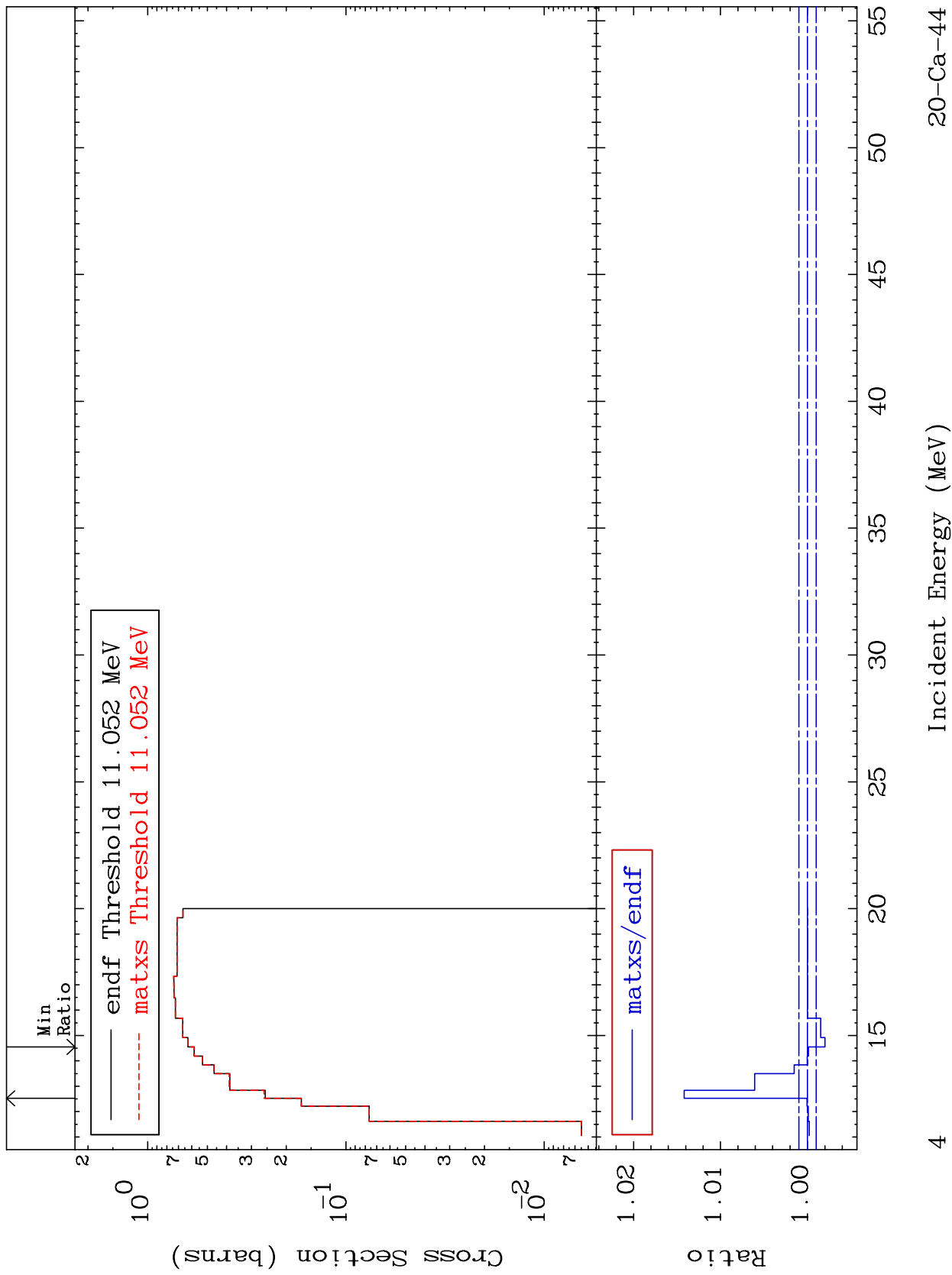
Incident Energy (eV)

20-Ca-44

MAT 2037

(n,2n)
Cross Section

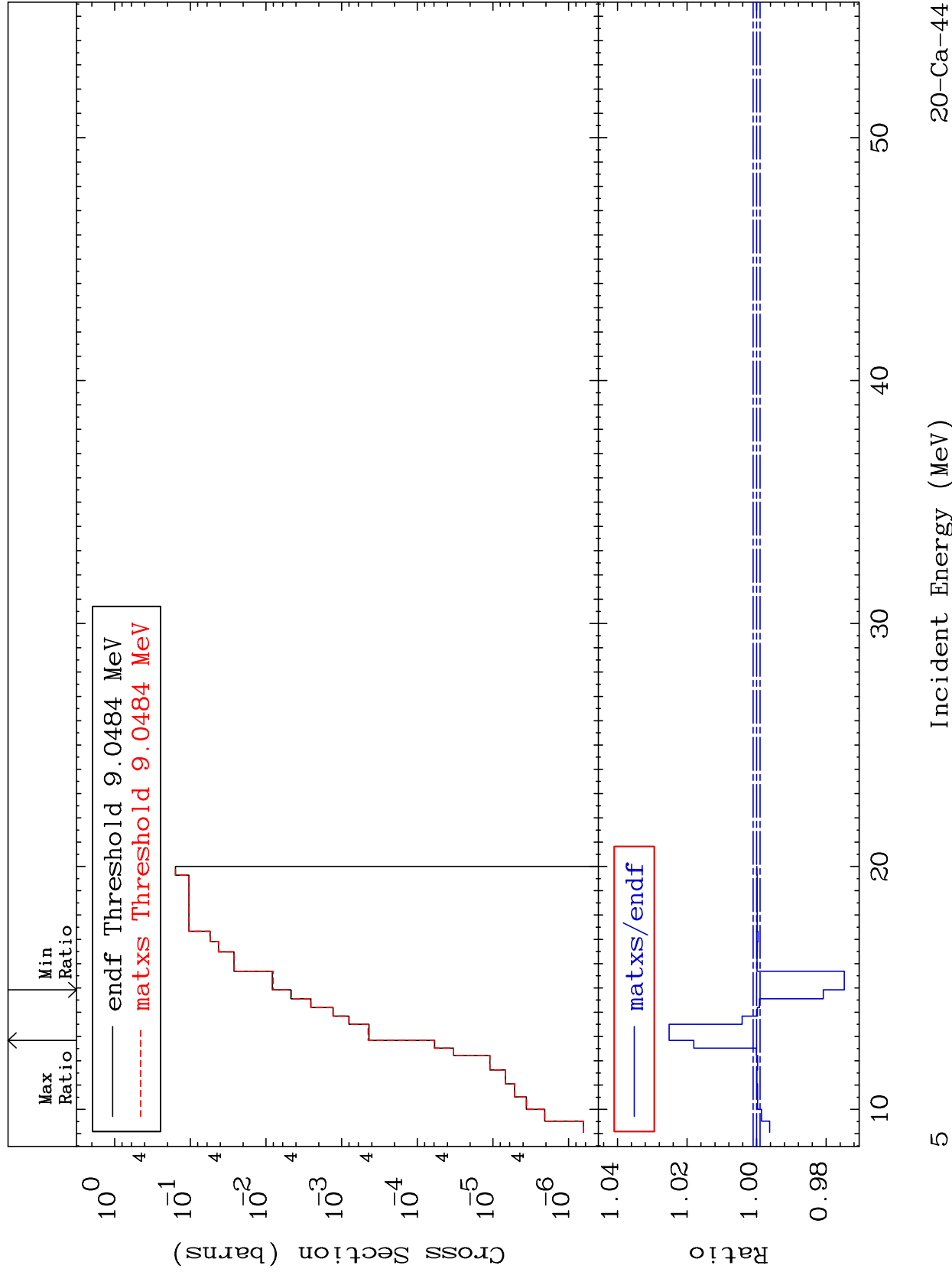
20-Ca-44
-0.200 To 1.417 %



MAT 2037

(n, n') α
Cross Section

20-Ca-44
-2.519 To 2.515 %



5

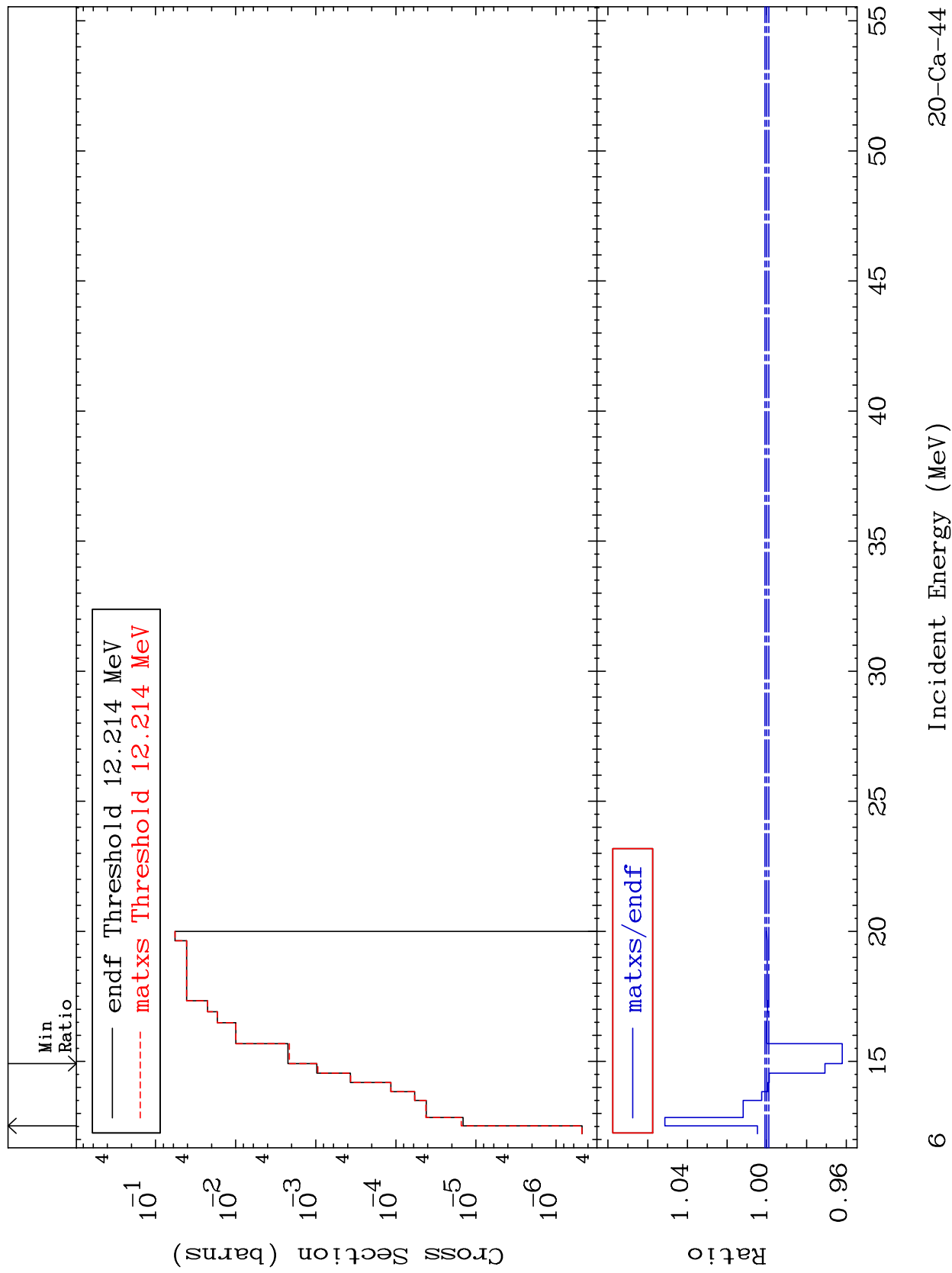
Incident Energy (MeV)

20-Ca-44

MAT 2037

(n, n') p
Cross Section

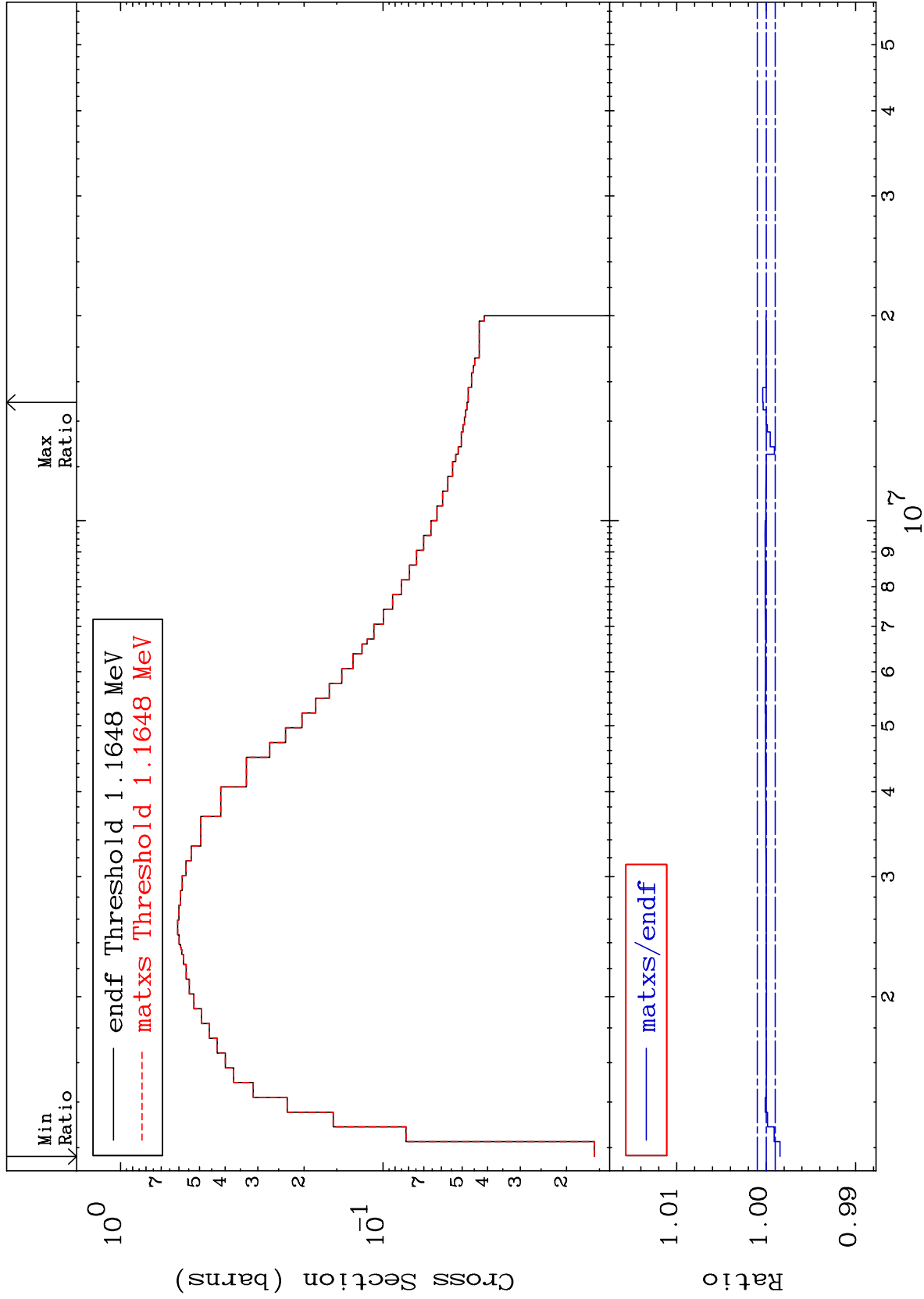
20-Ca-44
-3.798 To 5.132 %



MAT 2037

1.157 MeV (n,n') Level
Cross Section

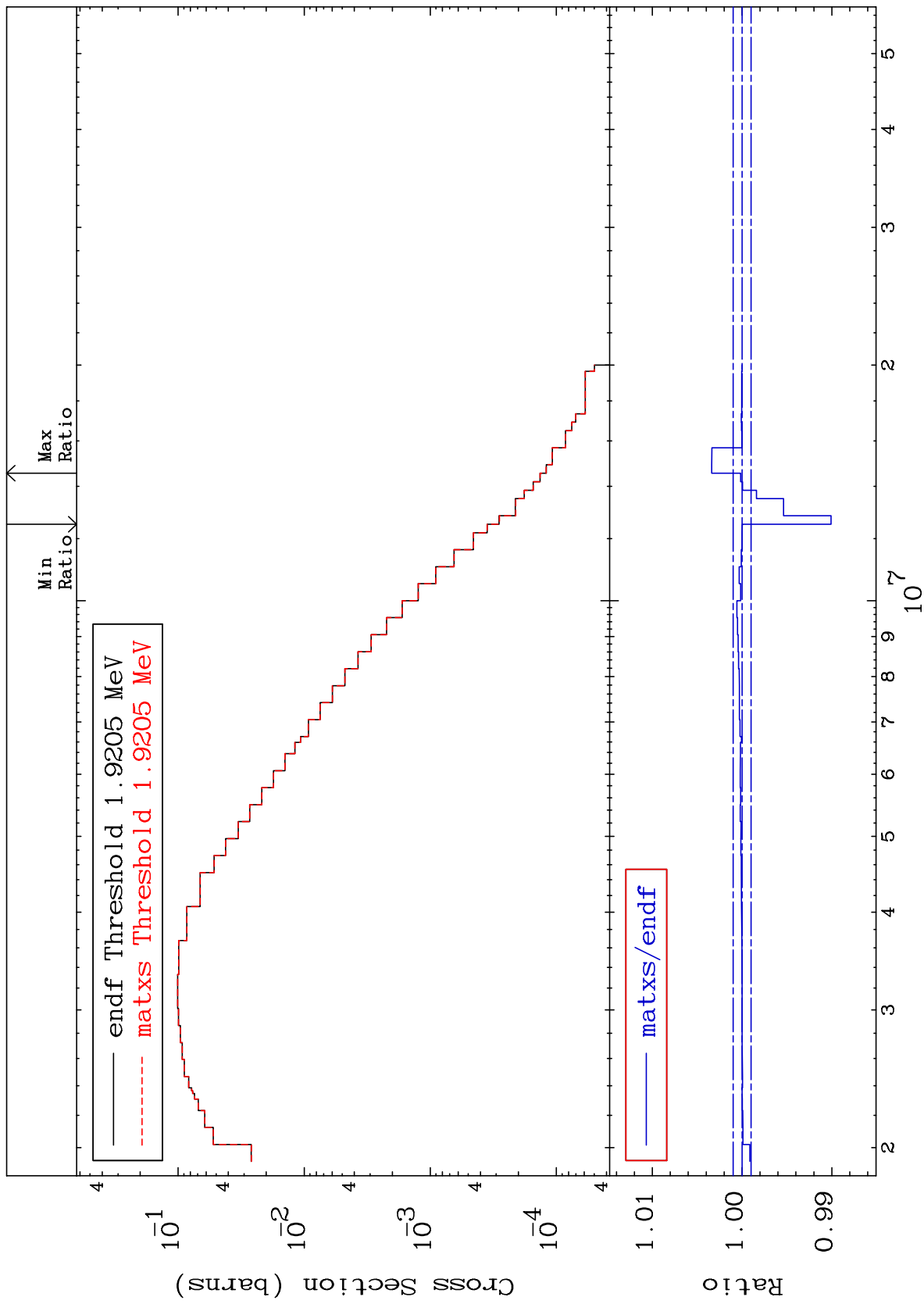
20-Ca-44
-0.155 To 0.039 %



MAT 2037

1.884 MeV (n,n') Level
Cross Section

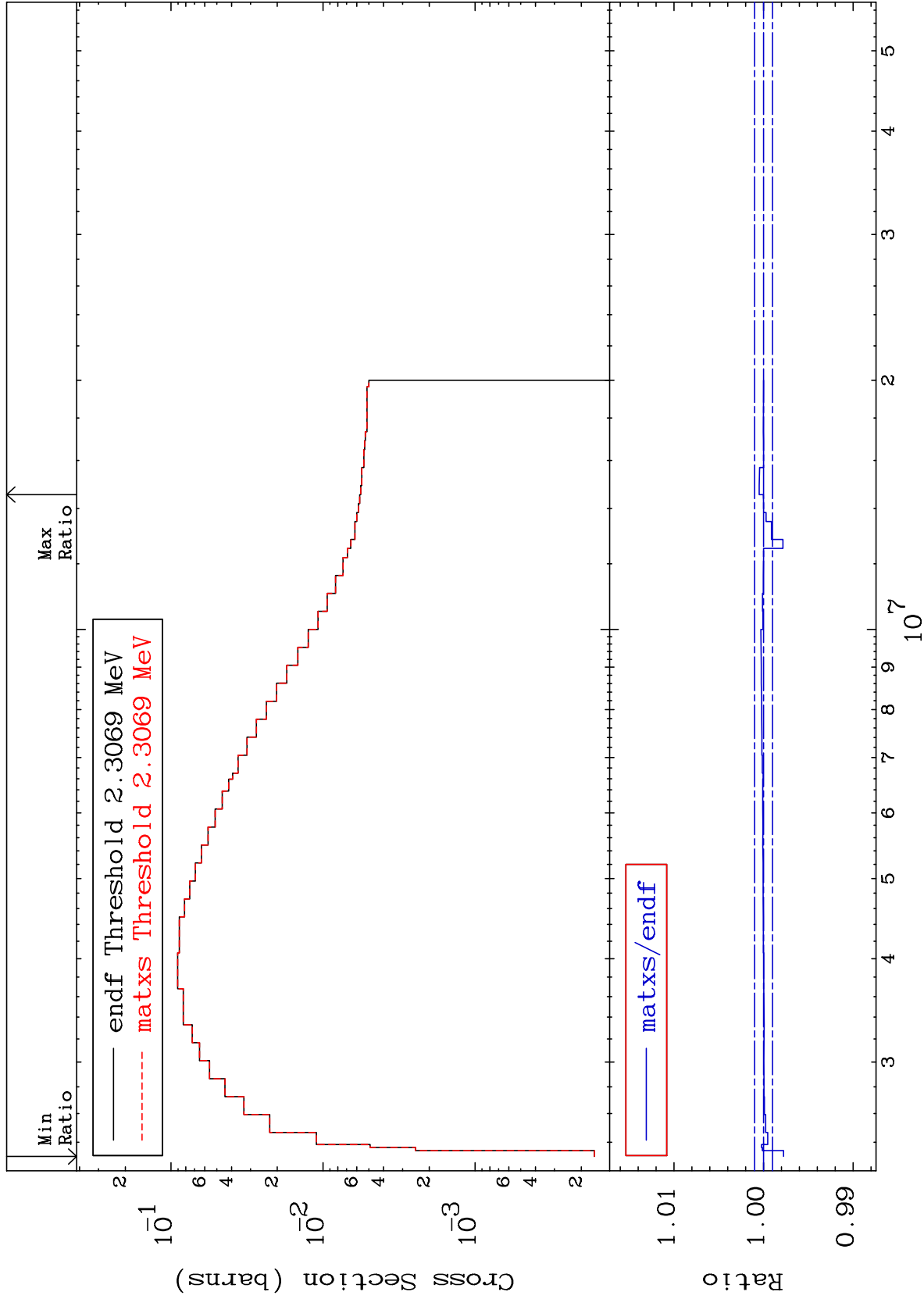
20-Ca-44
-0.991 To 0.338 %



MAT 2037

2.283 MeV (n,n') Level
Cross Section

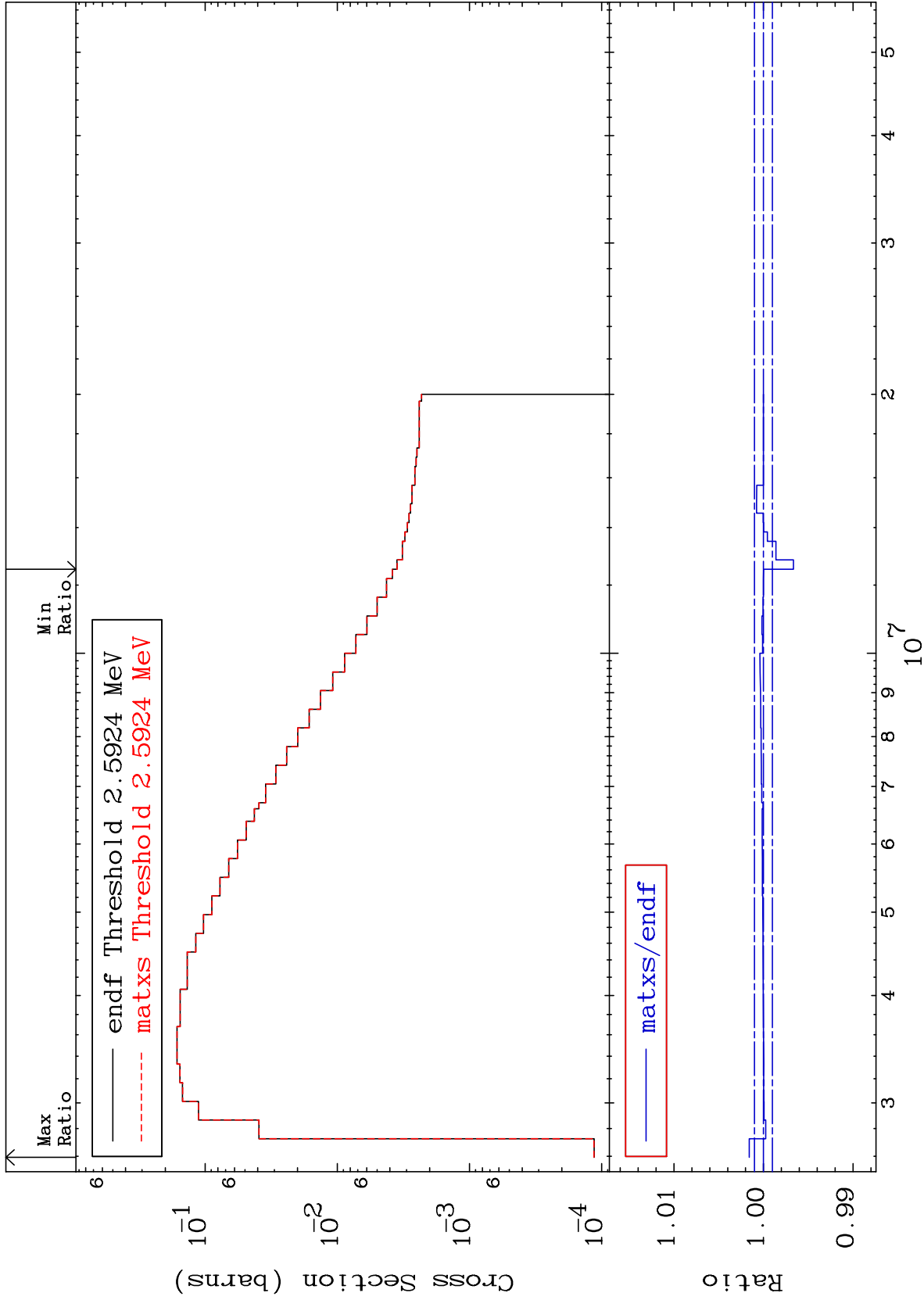
20-Ca-44
-0.223 To 0.048 %



MAT 2037

2.657 MeV (n,n') Level
Cross Section

20-Ca-44
-0.333 To 0.160 %



10

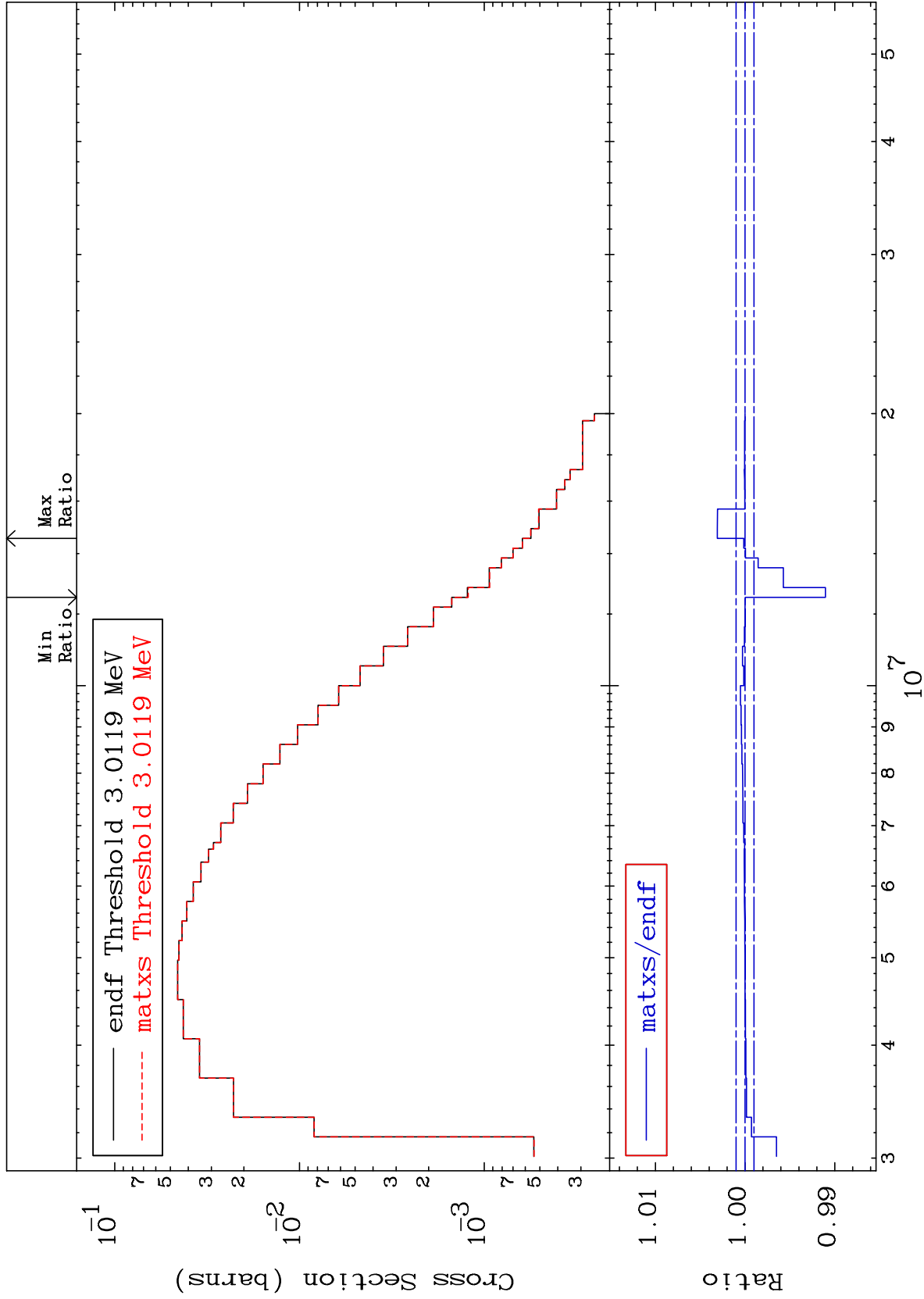
Incident Energy (eV)

20-Ca-44

MAT 2037

3.044 MeV (n,n') Level
Cross Section

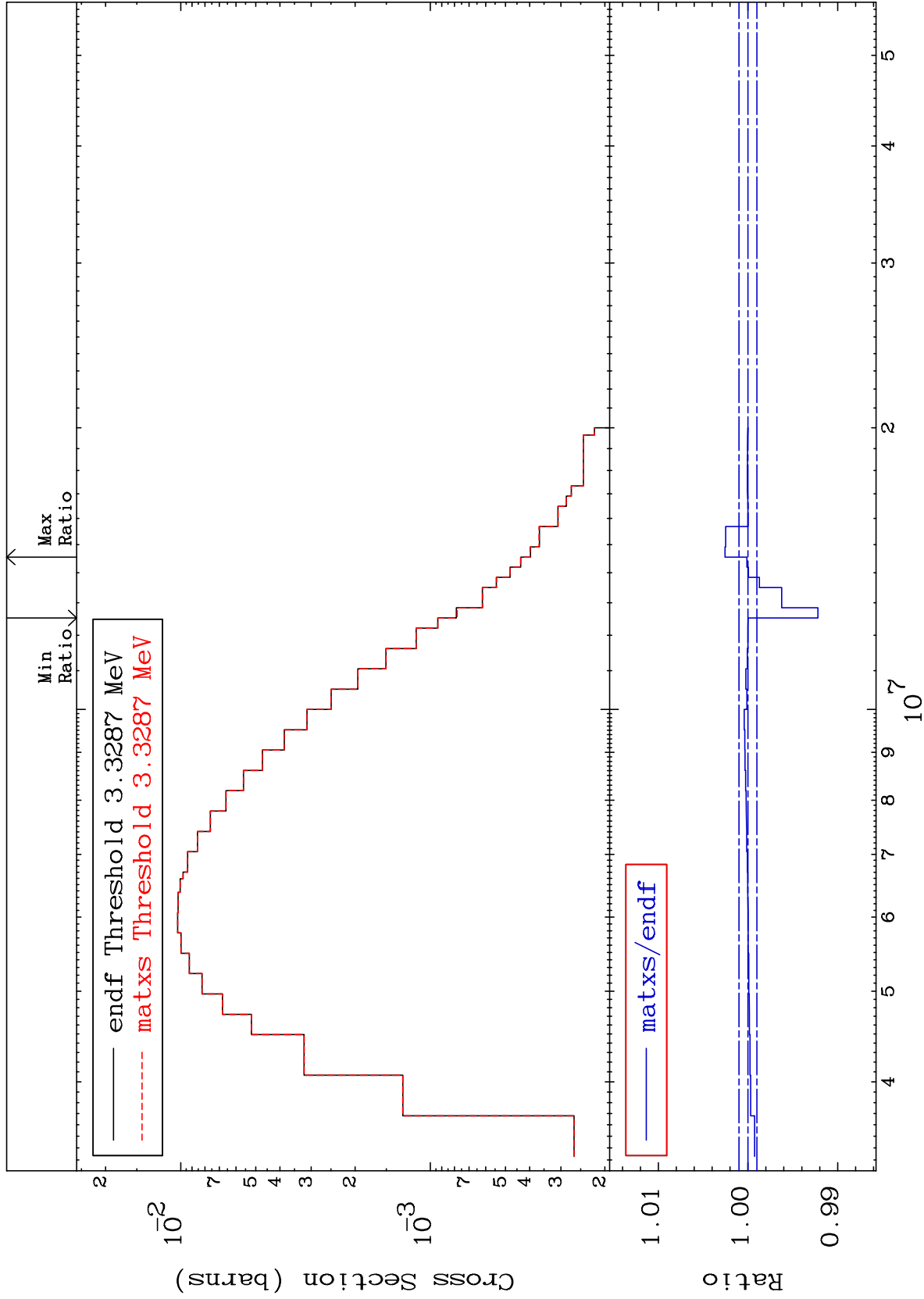
20-Ca-44
-0.897 To 0.310 %



MAT 2037

3.285 MeV (n,n') Level
Cross Section

20-Ca-44
-0.779 To 0.257 %



12

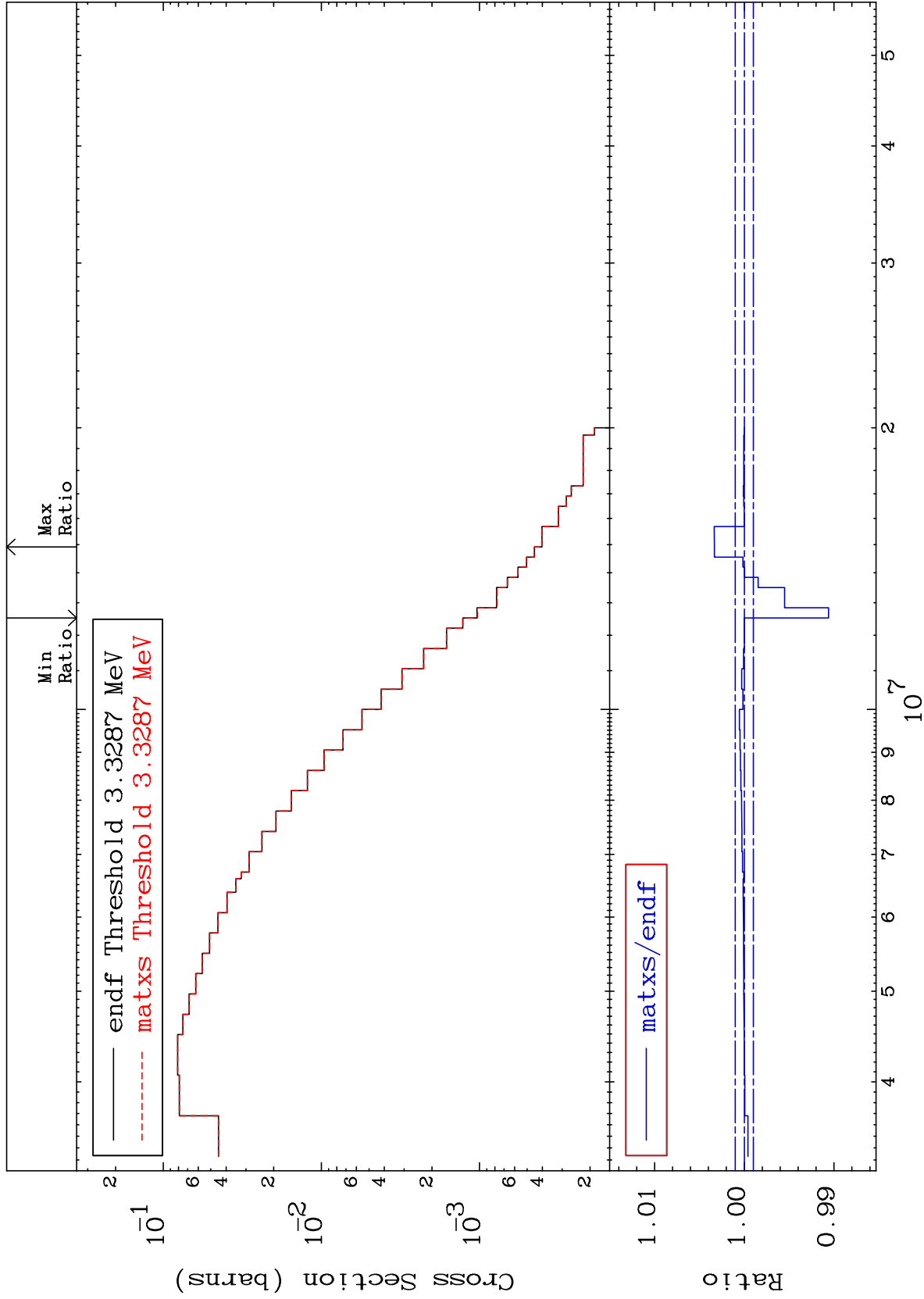
Incident Energy (eV)

20-Ca-44

MAT 2037

3.301 MeV (n,n') Level
Cross Section

20-Ca-44
-0.939 To 0.335 %



13

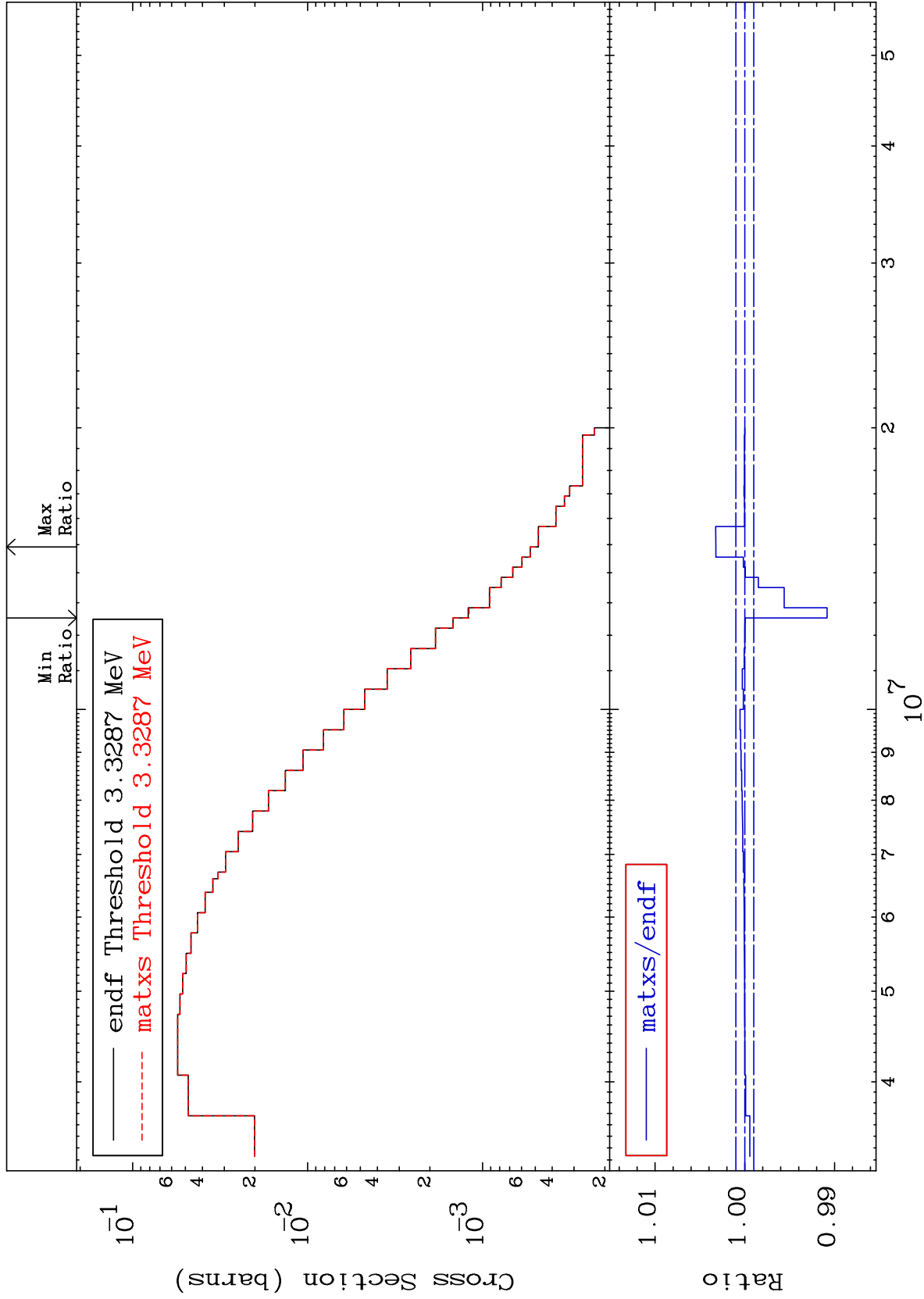
Incident Energy (eV)

20-Ca-44

MAT 2037

3.357 MeV (n,n') Level
Cross Section

20-Ca-44
-0.917 To 0.325 %



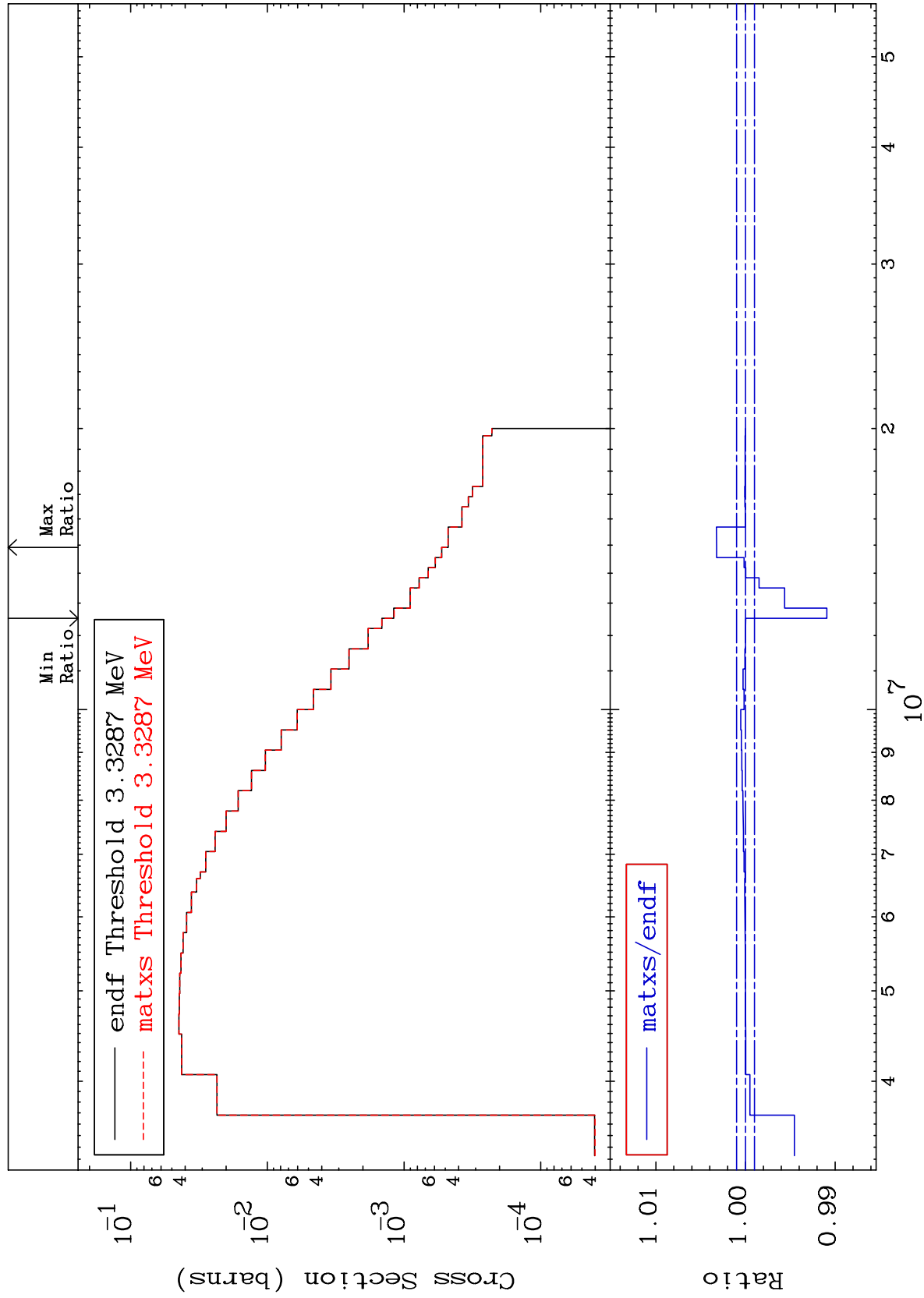
14

20-Ca-44

MAT 2037

3.580 MeV (n,n') Level
Cross Section

20-Ca-44
-0.908 To 0.324 %



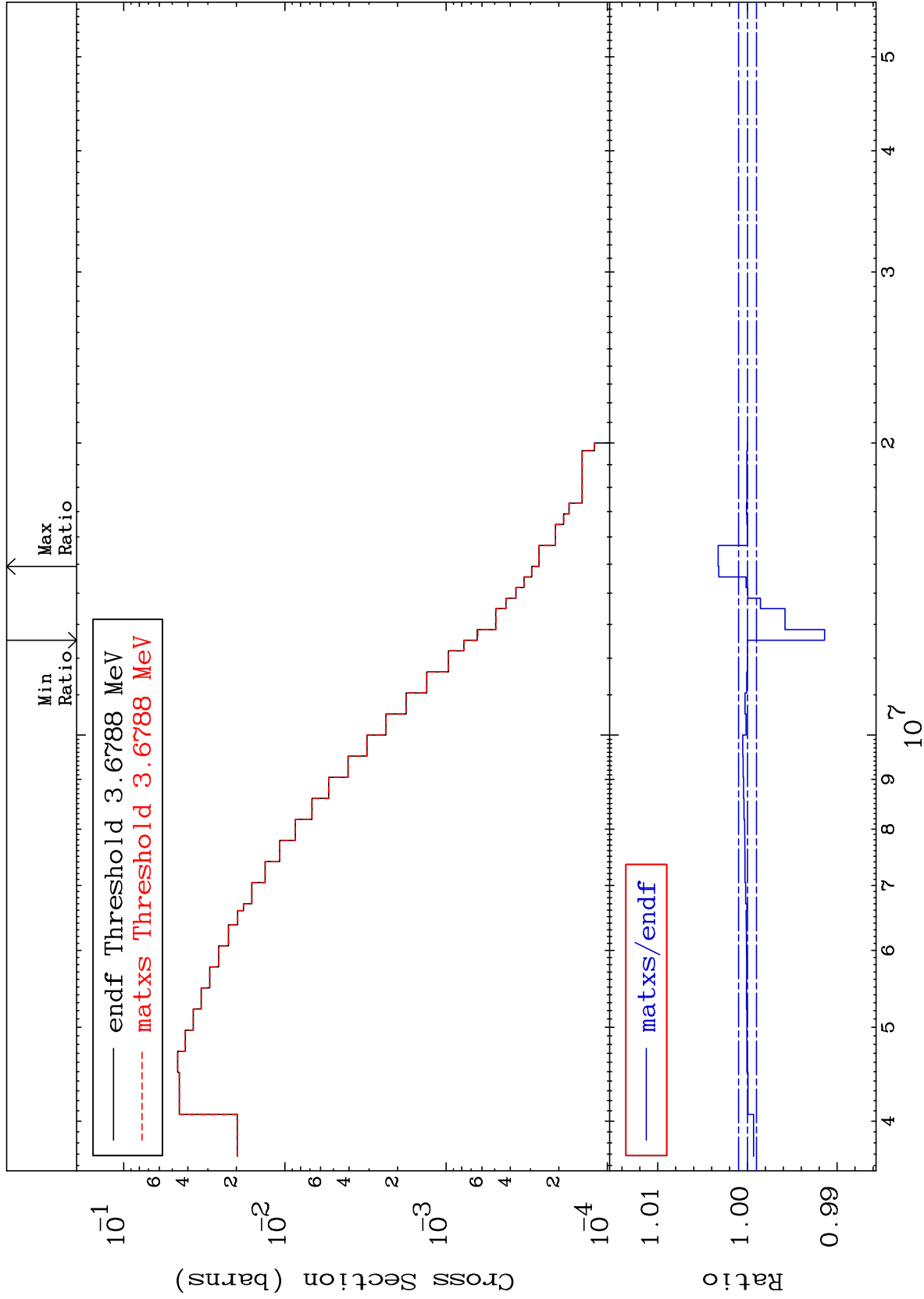
15

20-Ca-44

MAT 2037

3.661 MeV (n,n') Level
Cross Section

20-Ca-44
-0.859 To 0.326 %



16

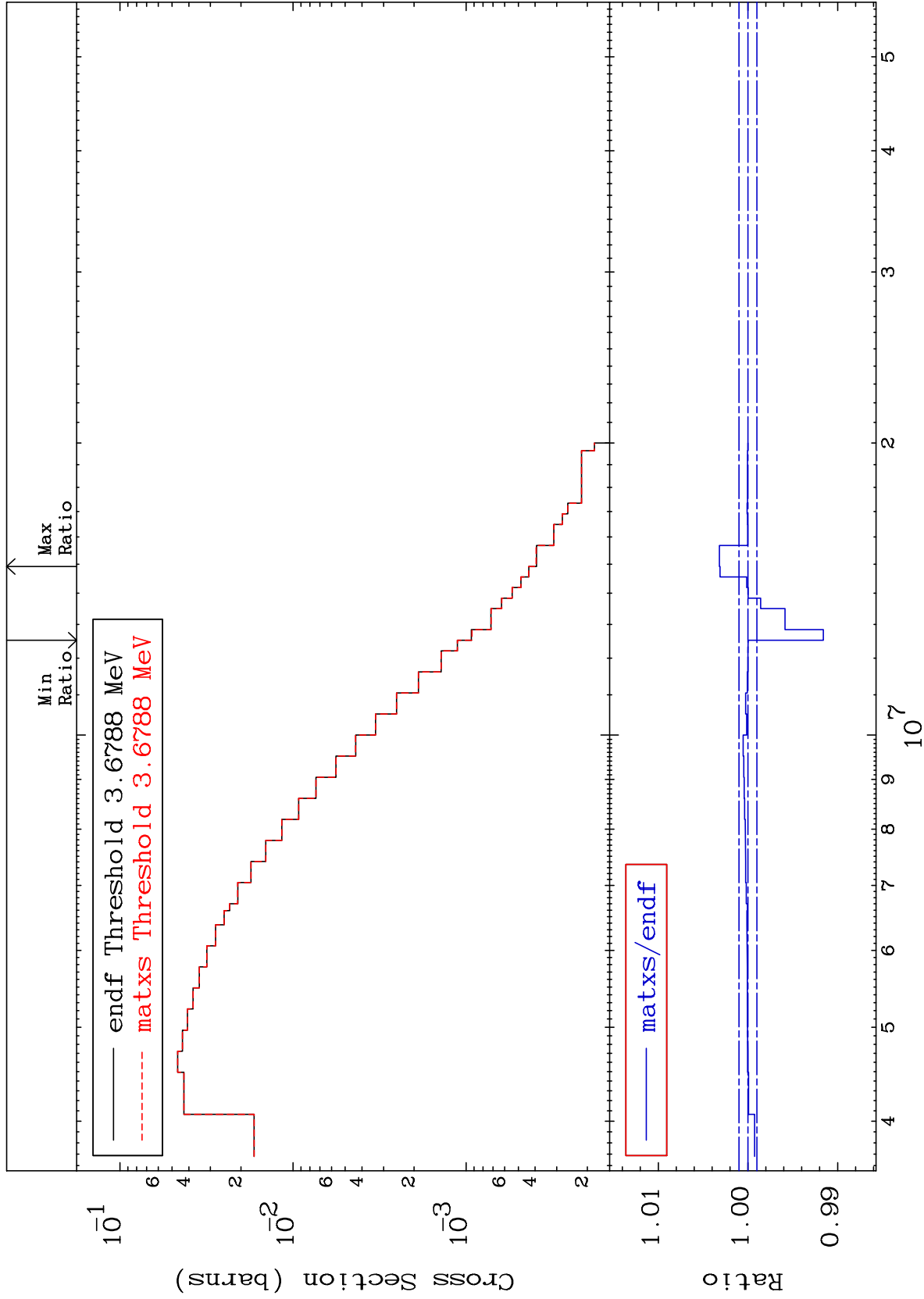
Incident Energy (eV)

20-Ca-44

MAT 2037

3.676 MeV (n,n') Level
Cross Section

20-Ca-44
-0.841 To 0.319 %



17

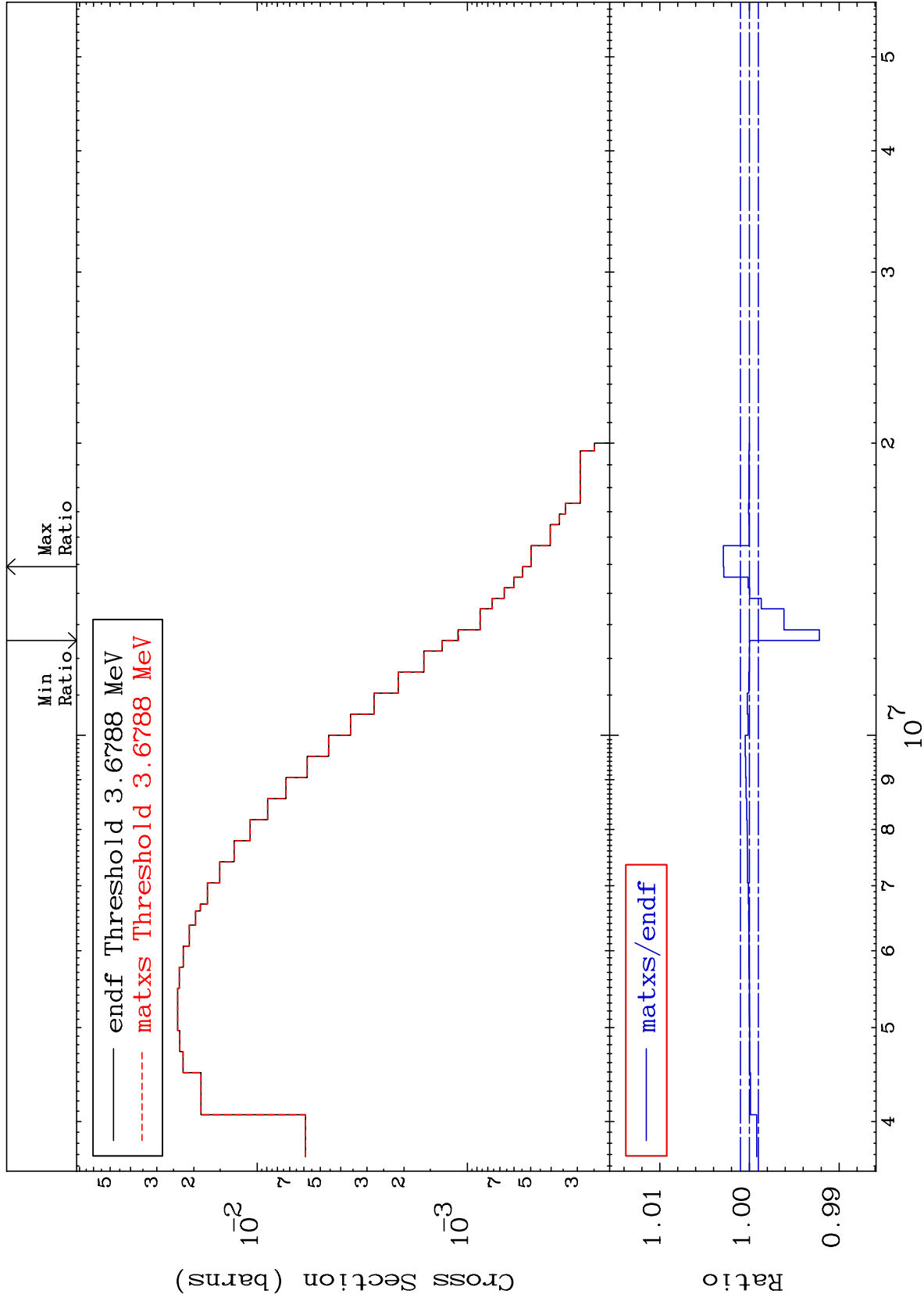
Incident Energy (eV)

20-Ca-44

MAT 2037

3.712 MeV (n,n') Level
Cross Section

20-Ca-44
-0.781 To 0.291 %



18

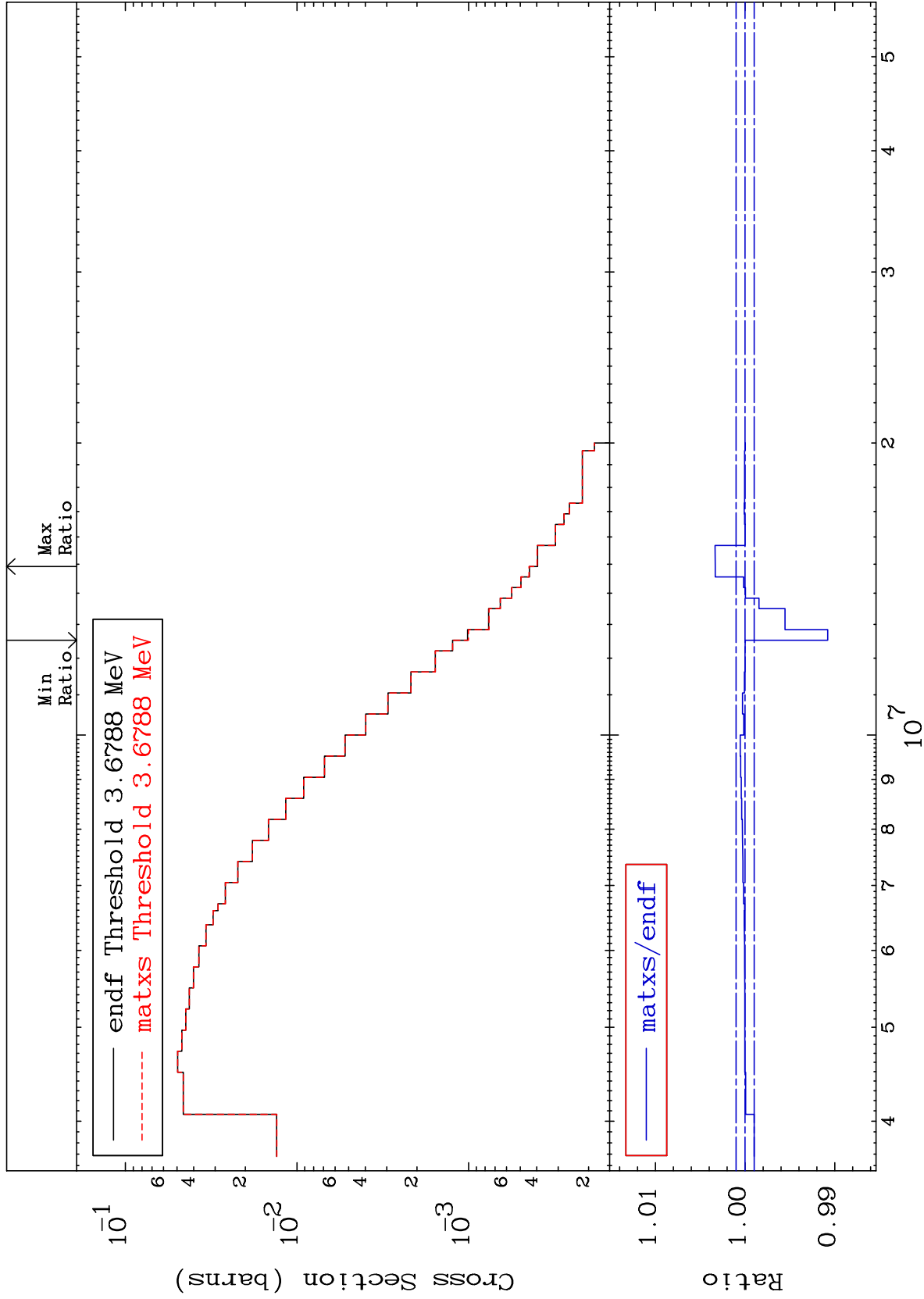
Incident Energy (eV)

20-Ca-44

MAT 2037

3.776 MeV (n,n') Level
Cross Section

20-Ca-44
-0.921 To 0.335 %



19

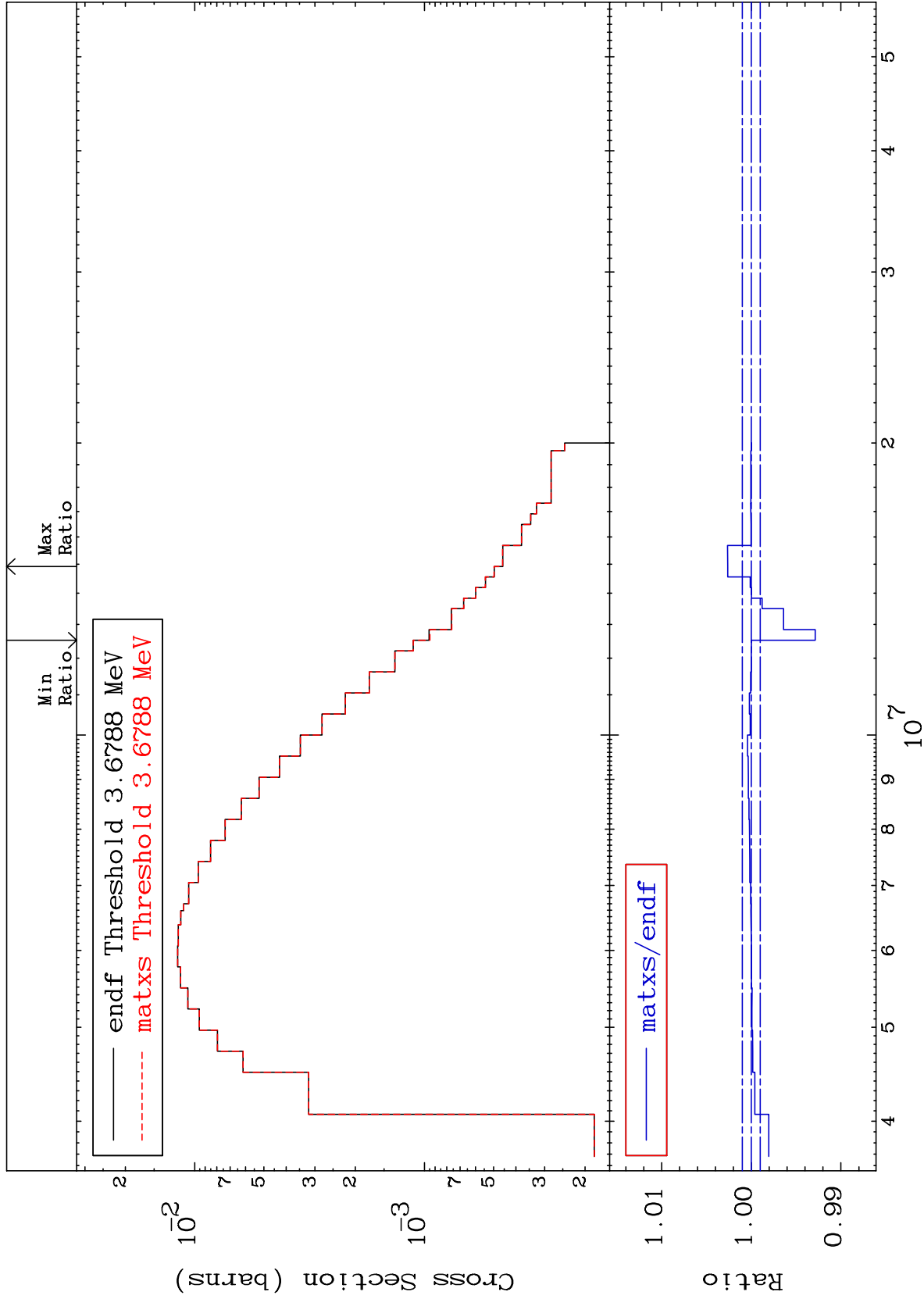
Incident Energy (eV)

20-Ca-44

MAT 2037

3.865 MeV (n,n') Level
Cross Section

20-Ca-44
-0.714 To 0.265 %



20

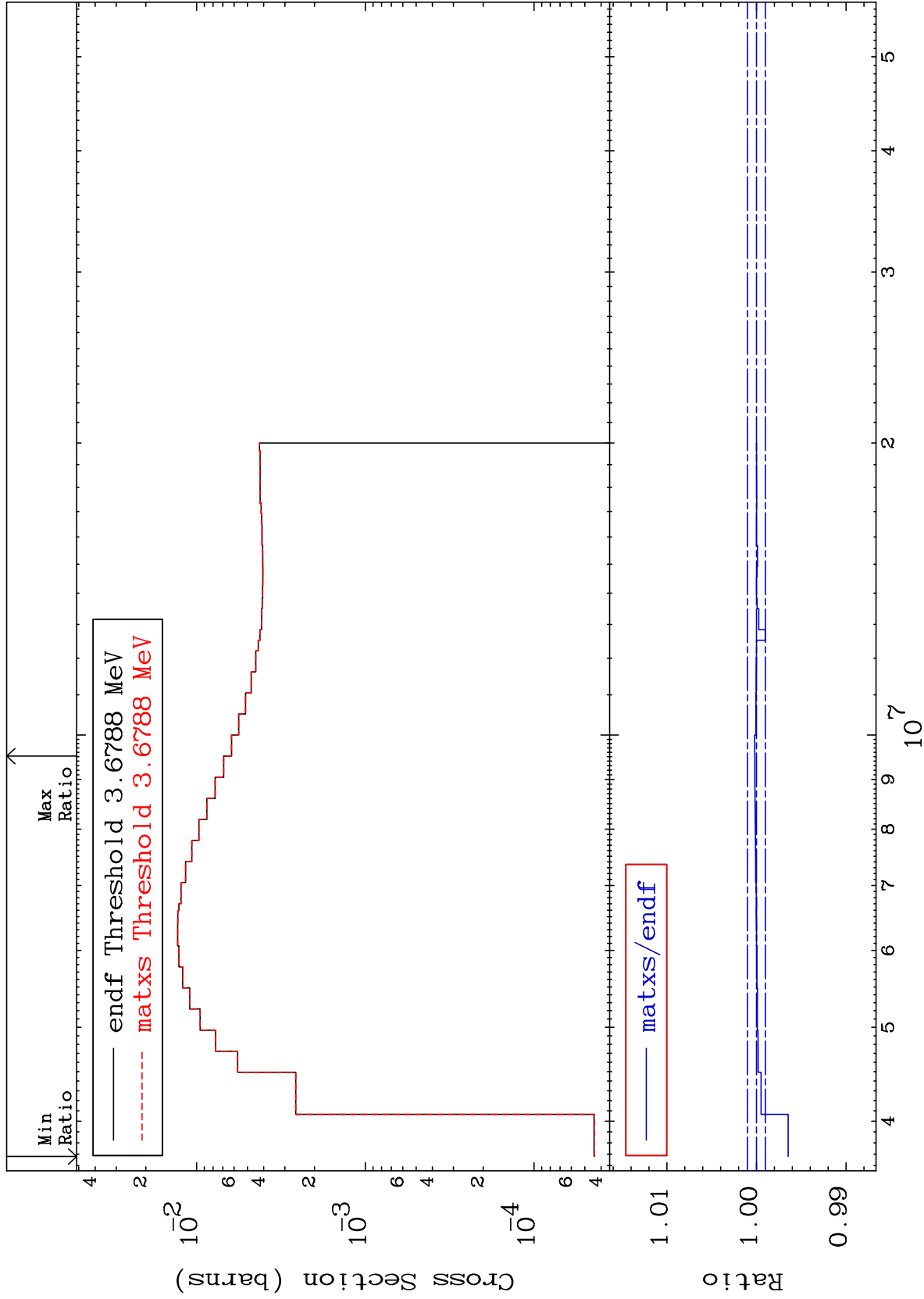
Incident Energy (eV)

20-Ca-44

MAT 2037

3.914 MeV (n,n') Level
Cross Section

20-Ca-44
-0.353 To 0.021 %



21

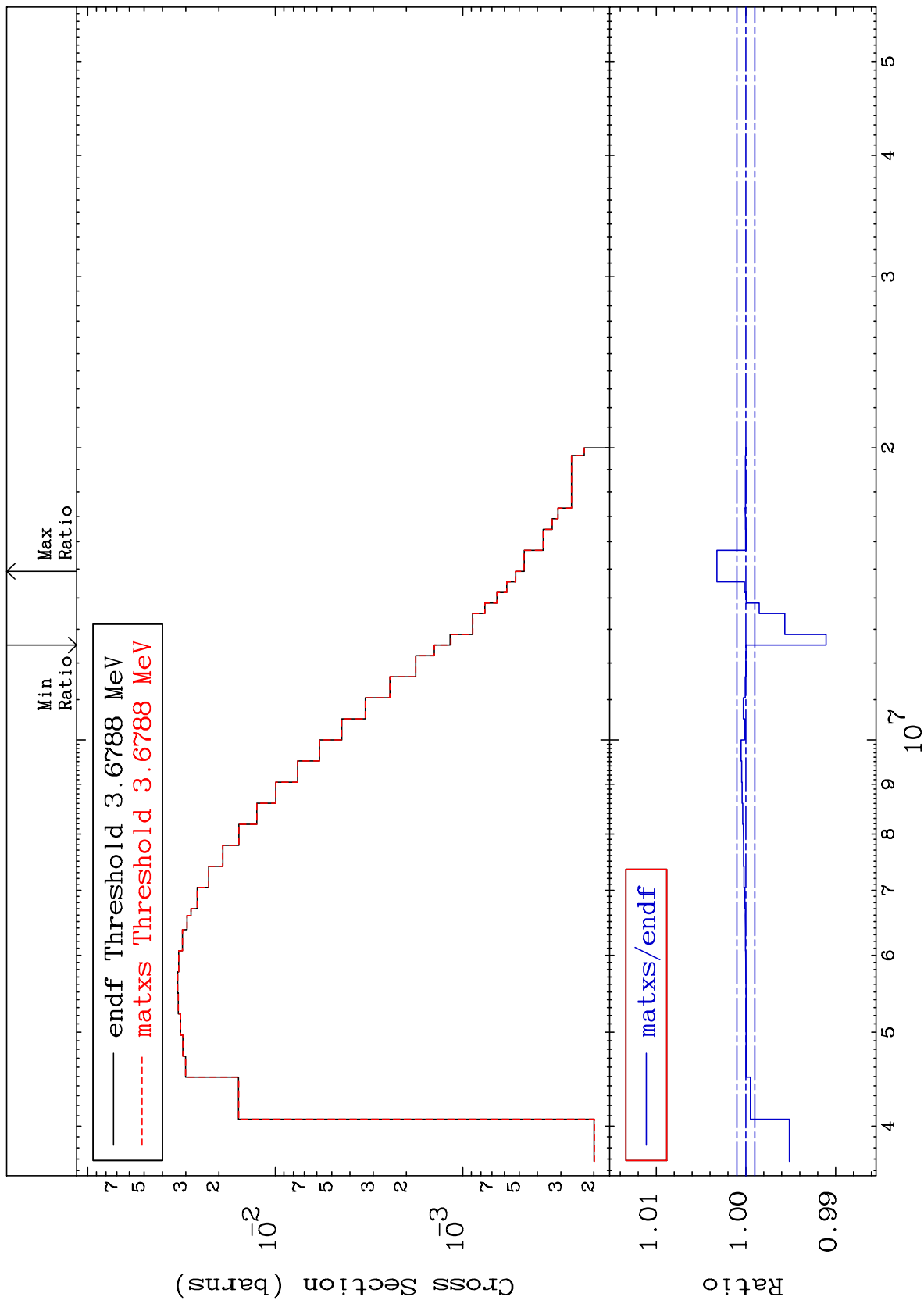
Incident Energy (eV)

20-Ca-44

MAT 2037

3.923 MeV (n,n') Level
Cross Section

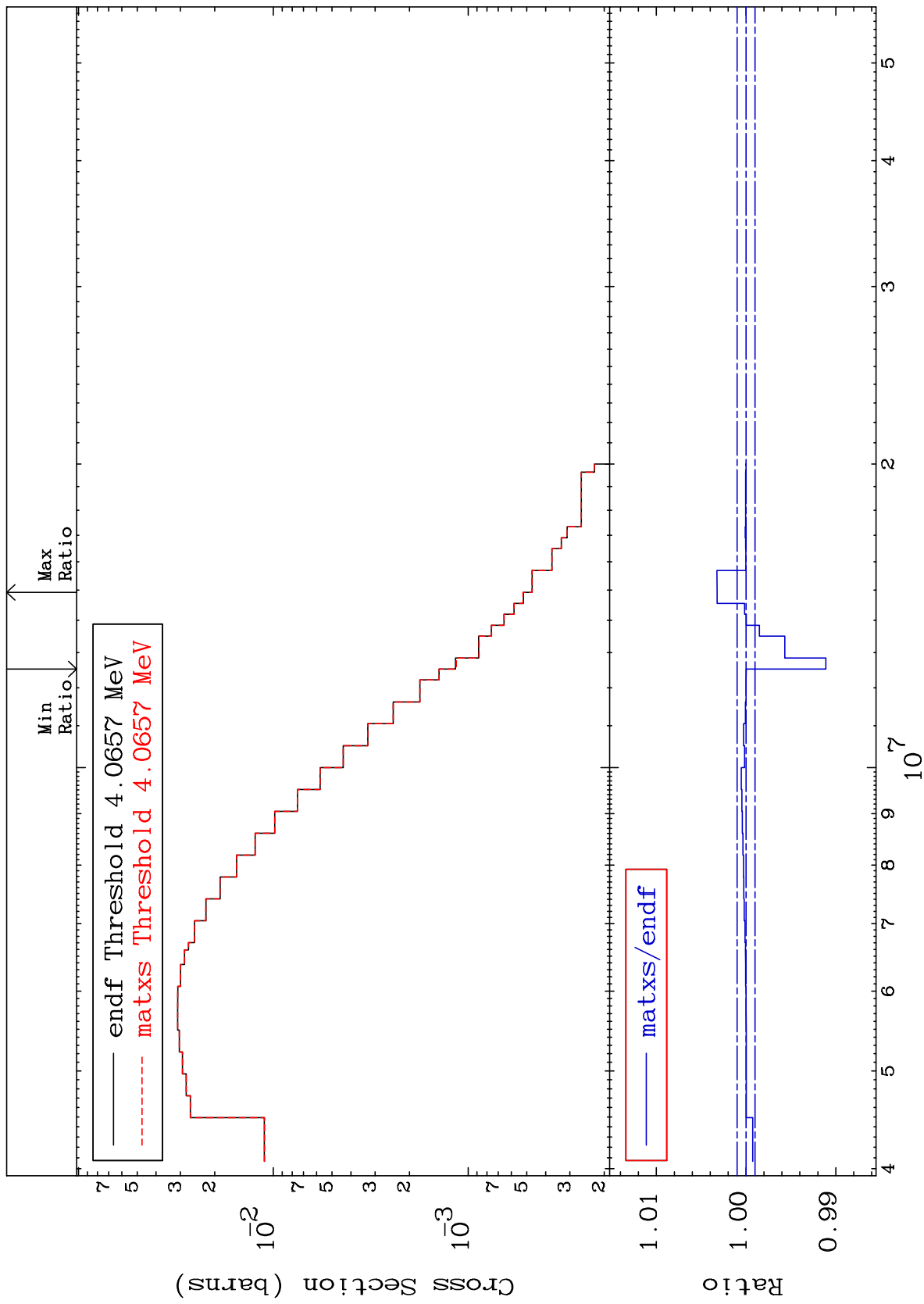
20-Ca-44
-0.893 To 0.324 %



MAT 2037

4.011 MeV (n,n') Level
Cross Section

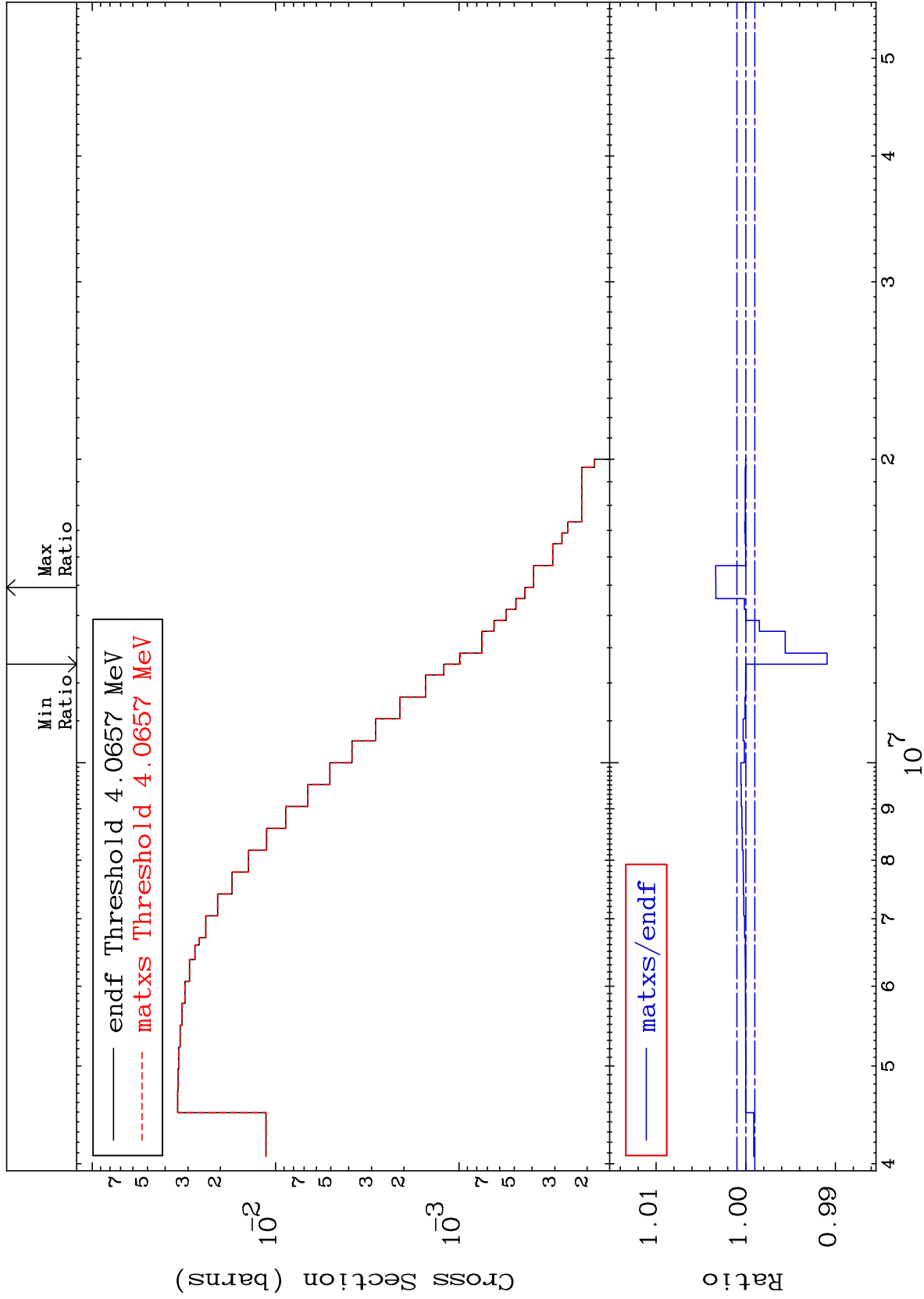
20-Ca-44
-0.889 To 0.324 %



MAT 2037

4.092 MeV (n,n') Level
Cross Section

20-Ca-44
-0.906 To 0.335 %



24

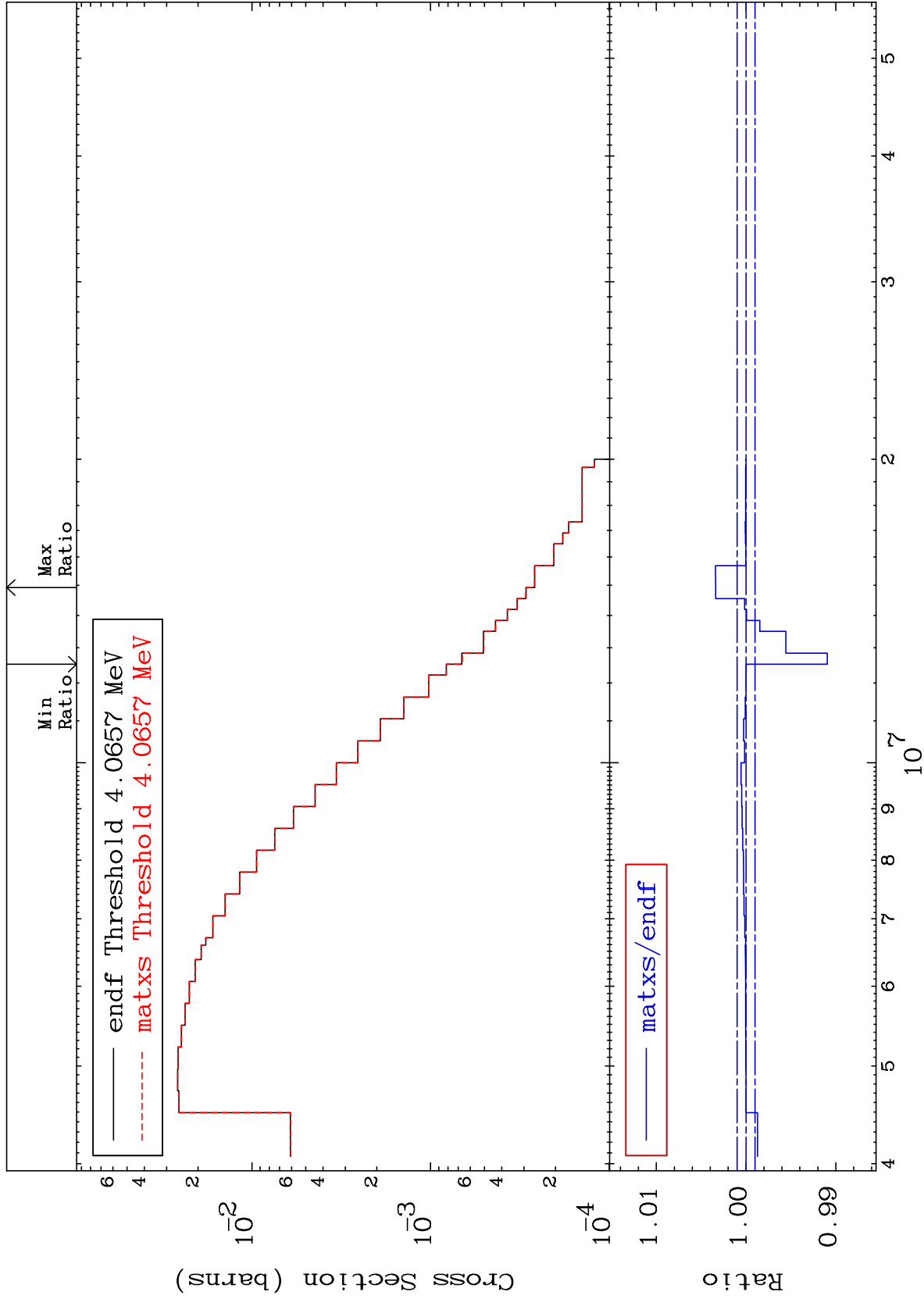
Incident Energy (eV)

20-Ca-44

MAT 2037

4.169 MeV (n,n') Level
Cross Section

20-Ca-44
-0.907 To 0.342 %



25

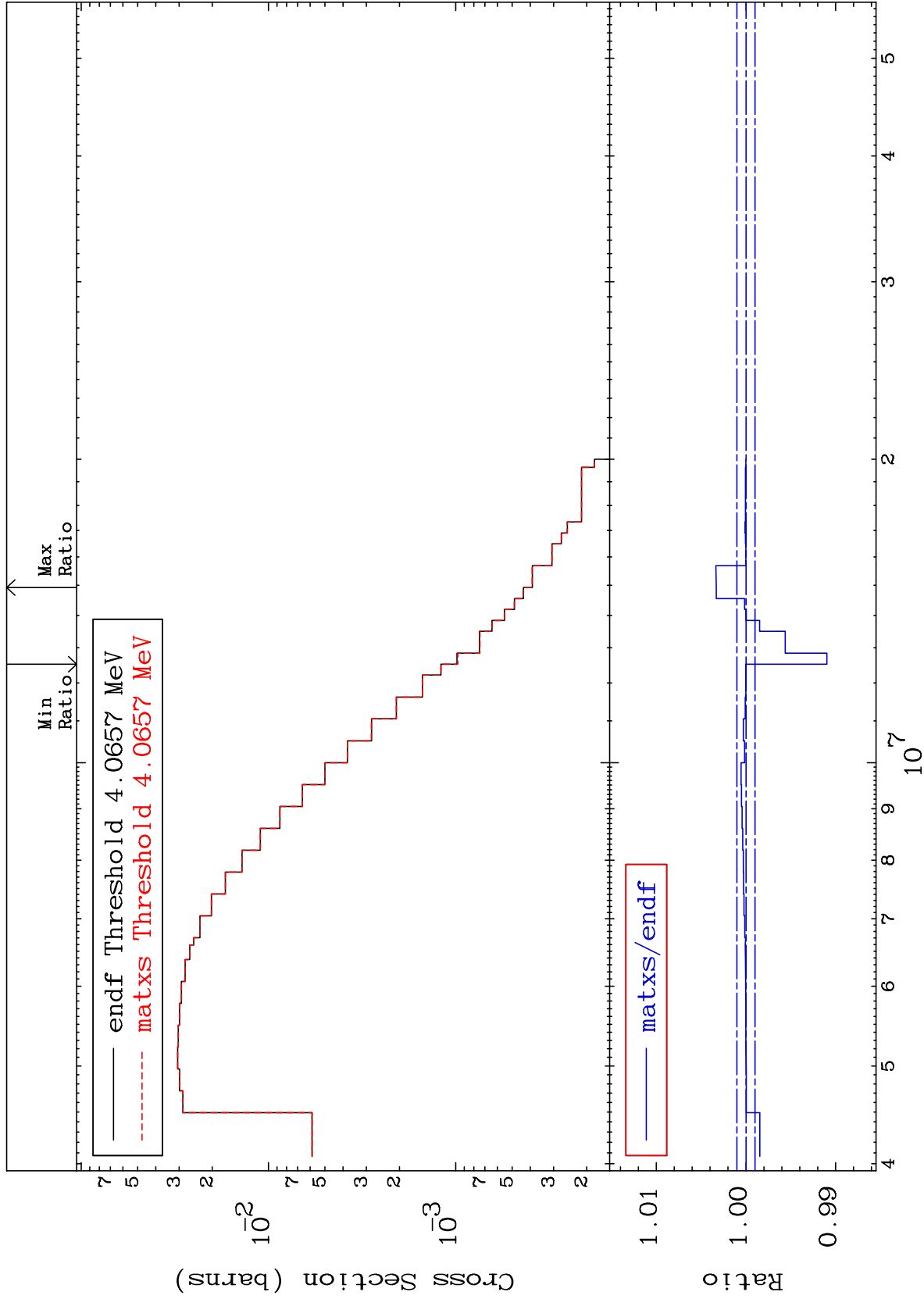
Incident Energy (eV)

20-Ca-44

MAT 2037

4.196 MeV (n,n') Level
Cross Section

20-Ca-44
-0.902 To 0.335 %



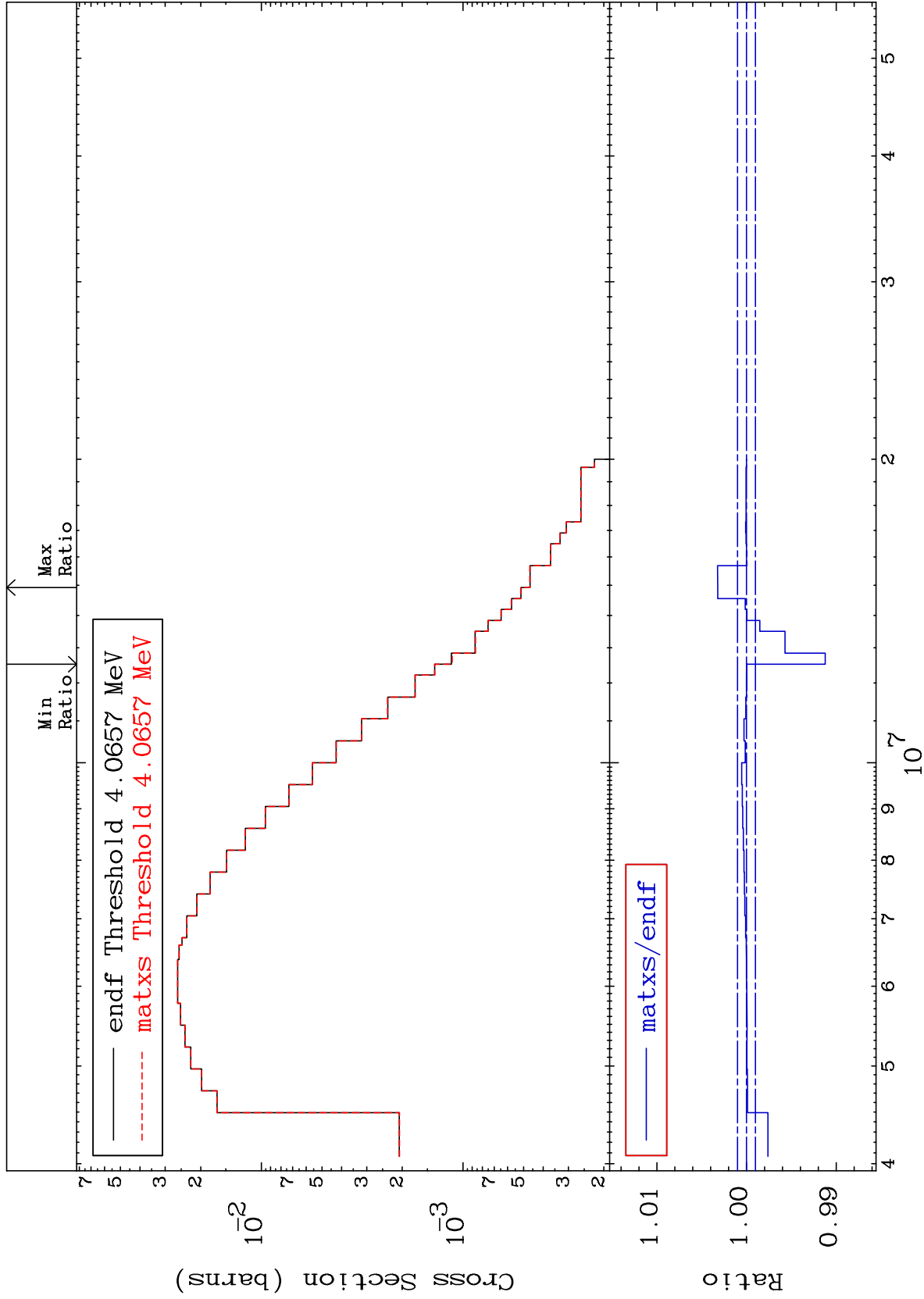
26

20-Ca-44

MAT 2037

4.260 MeV (n,n') Level
Cross Section

20-Ca-44
-0.877 To 0.323 %

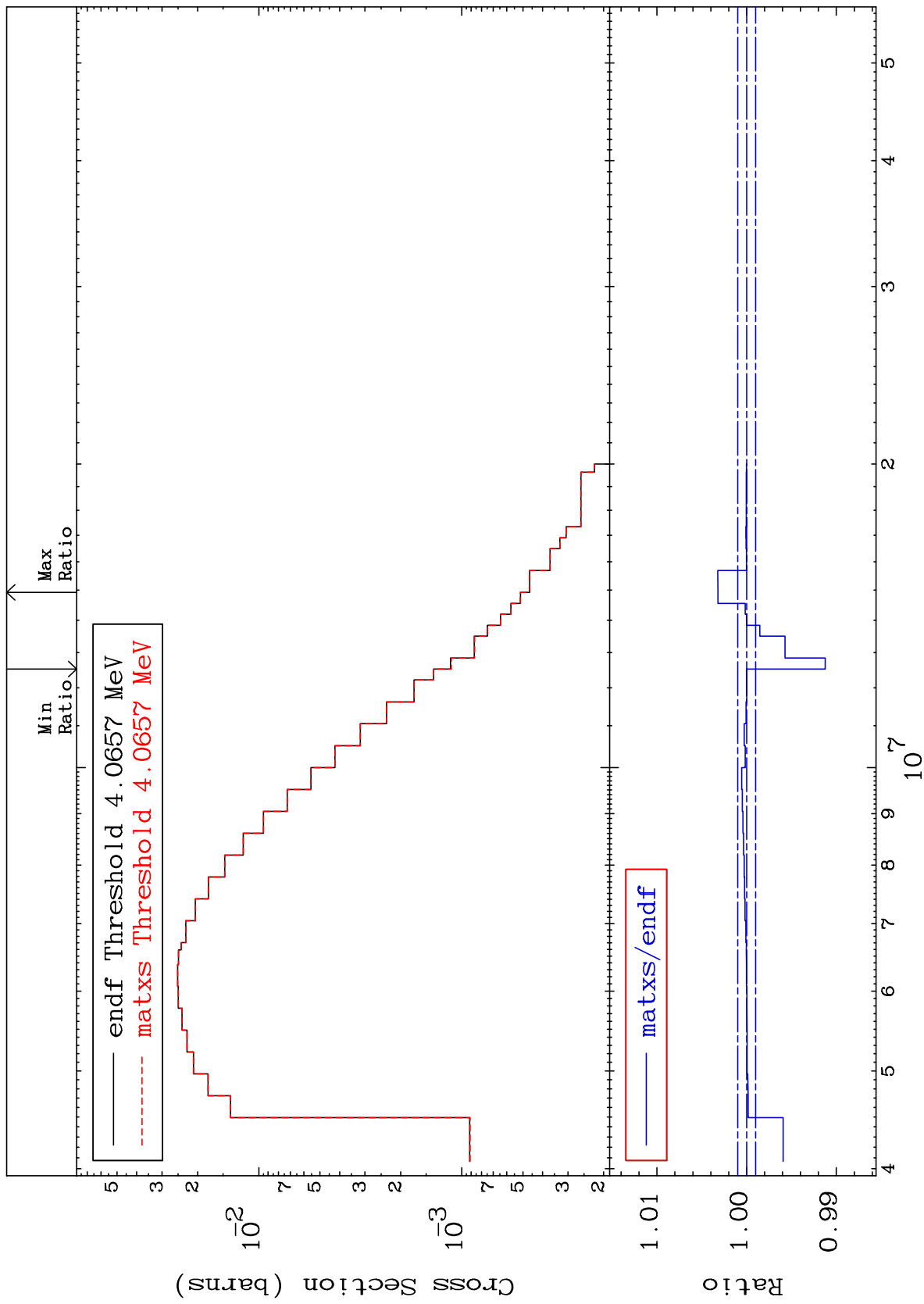


27

MAT 2037

4.315 MeV (n,n') Level
Cross Section

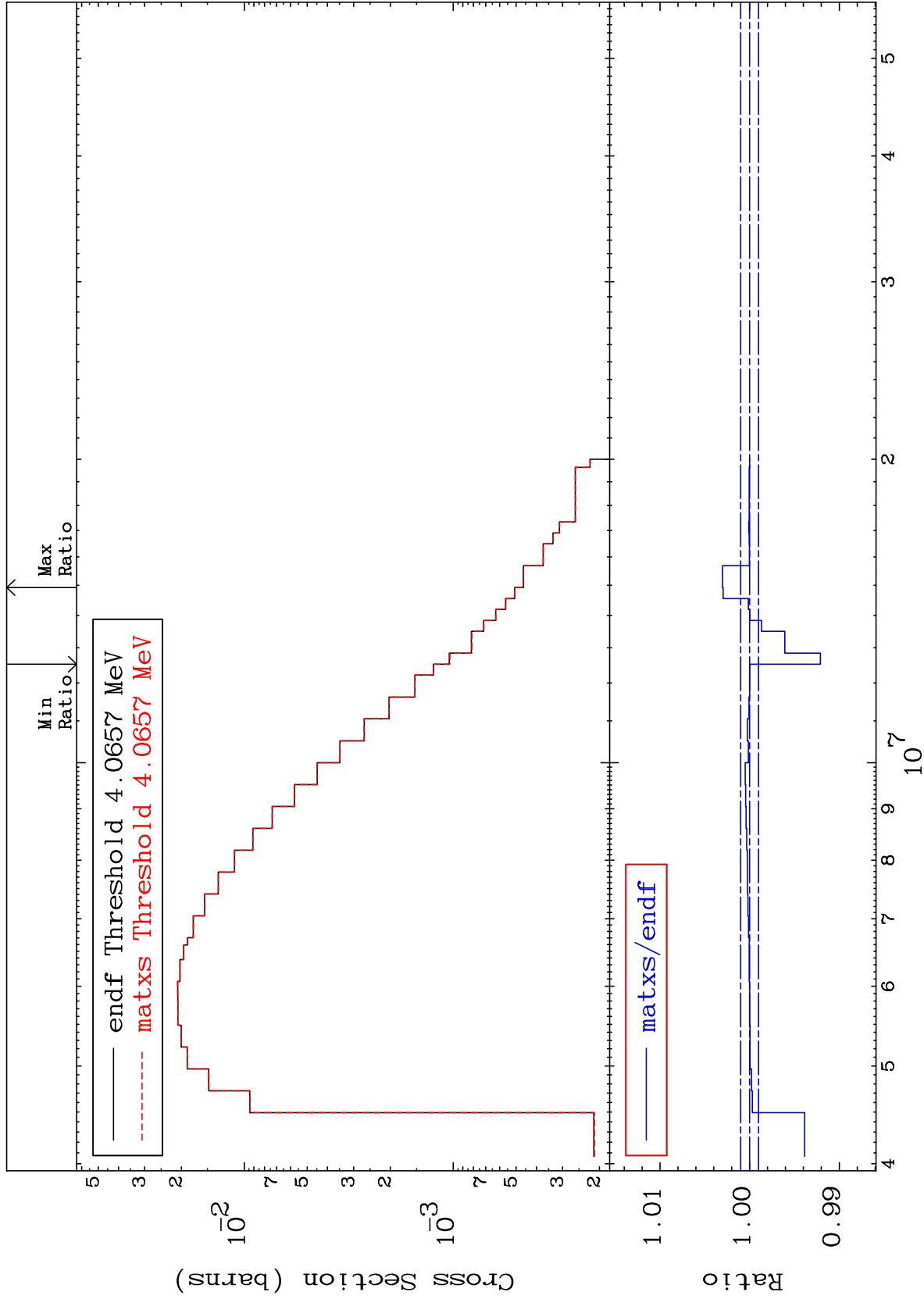
20-Ca-44
-0.875 To 0.323 %



MAT 2037

4.358 MeV (n,n') Level
Cross Section

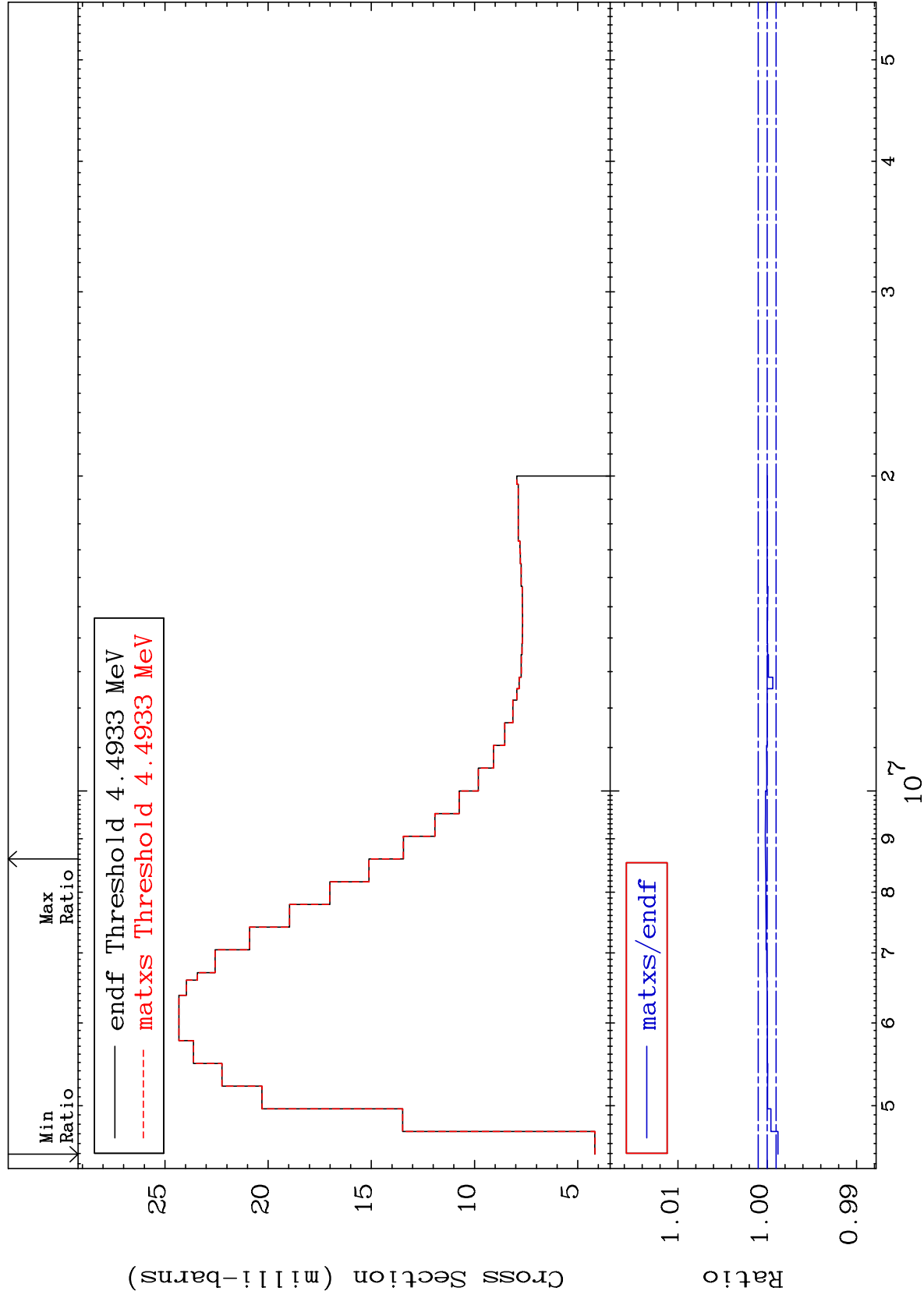
20-Ca-44
-0.789 To 0.303 %



MAT 2037

4.399 MeV (n,n') Level
Cross Section

20-Ca-44
-0.120 To 0.021 %



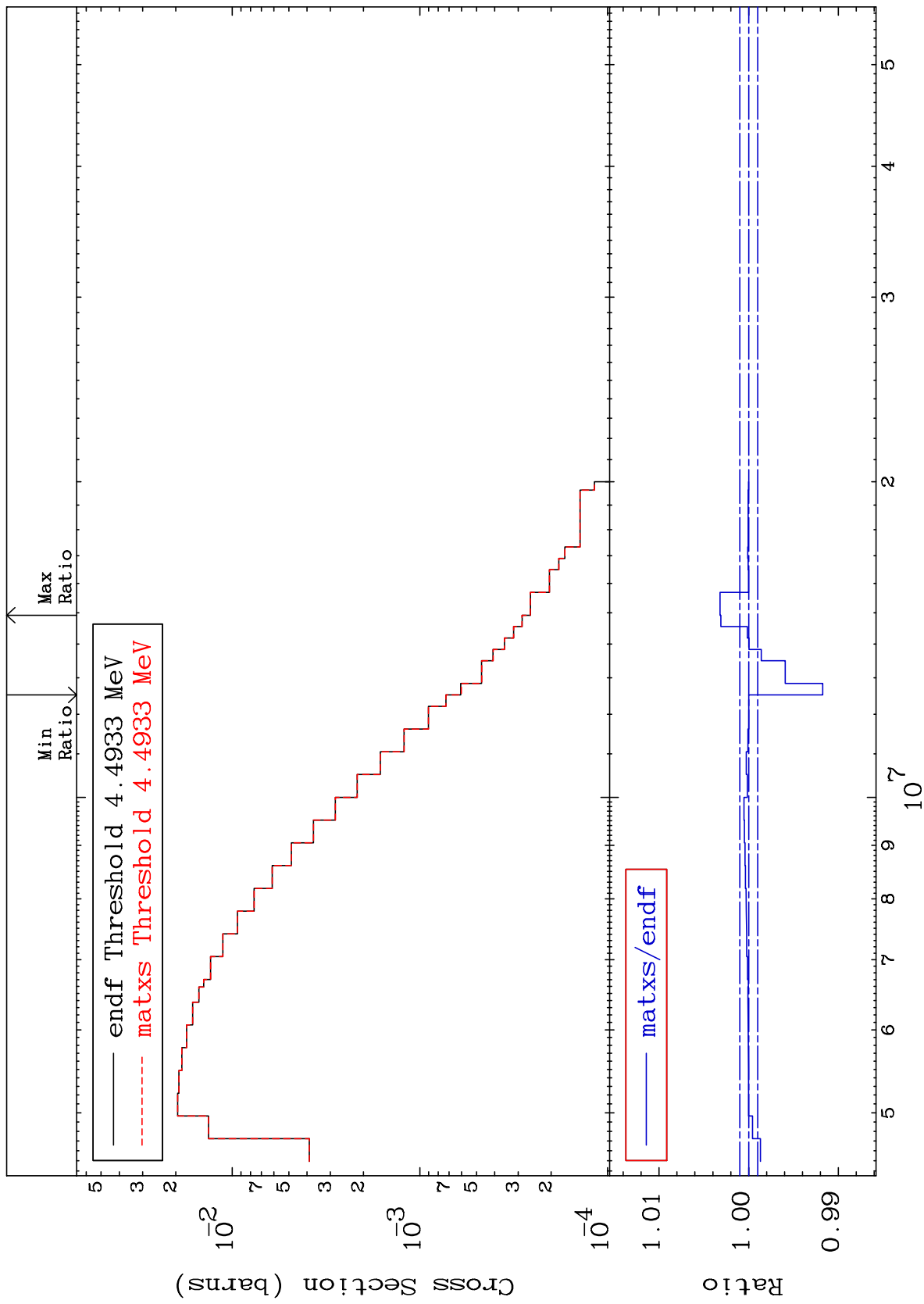
30

20-Ca-44

MAT 2037

4.409 MeV (n,n') Level
Cross Section

20-Ca-44
-0.826 To 0.320 %



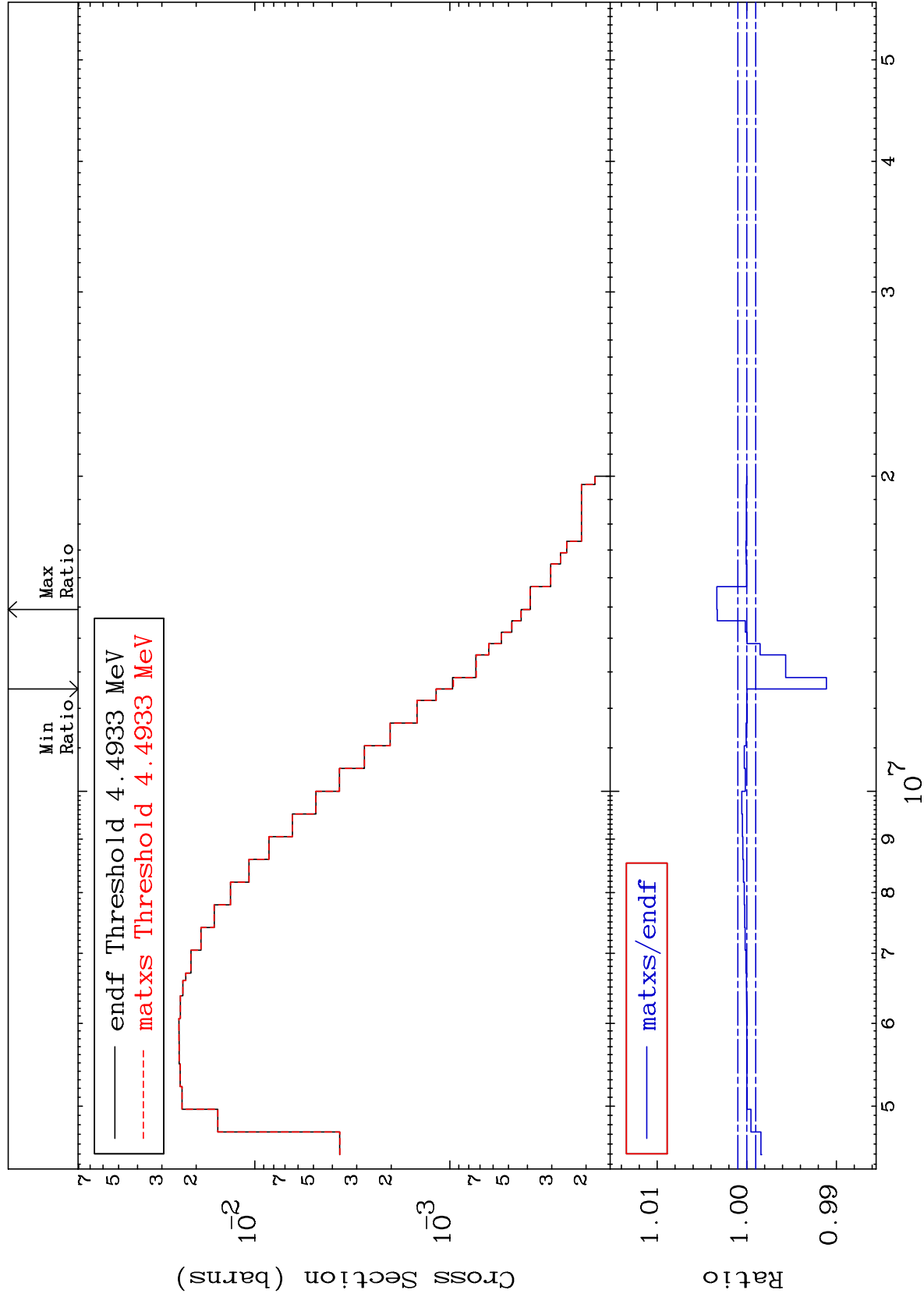
31

20-Ca-44

MAT 2037

4.437 MeV (n,n') Level
Cross Section

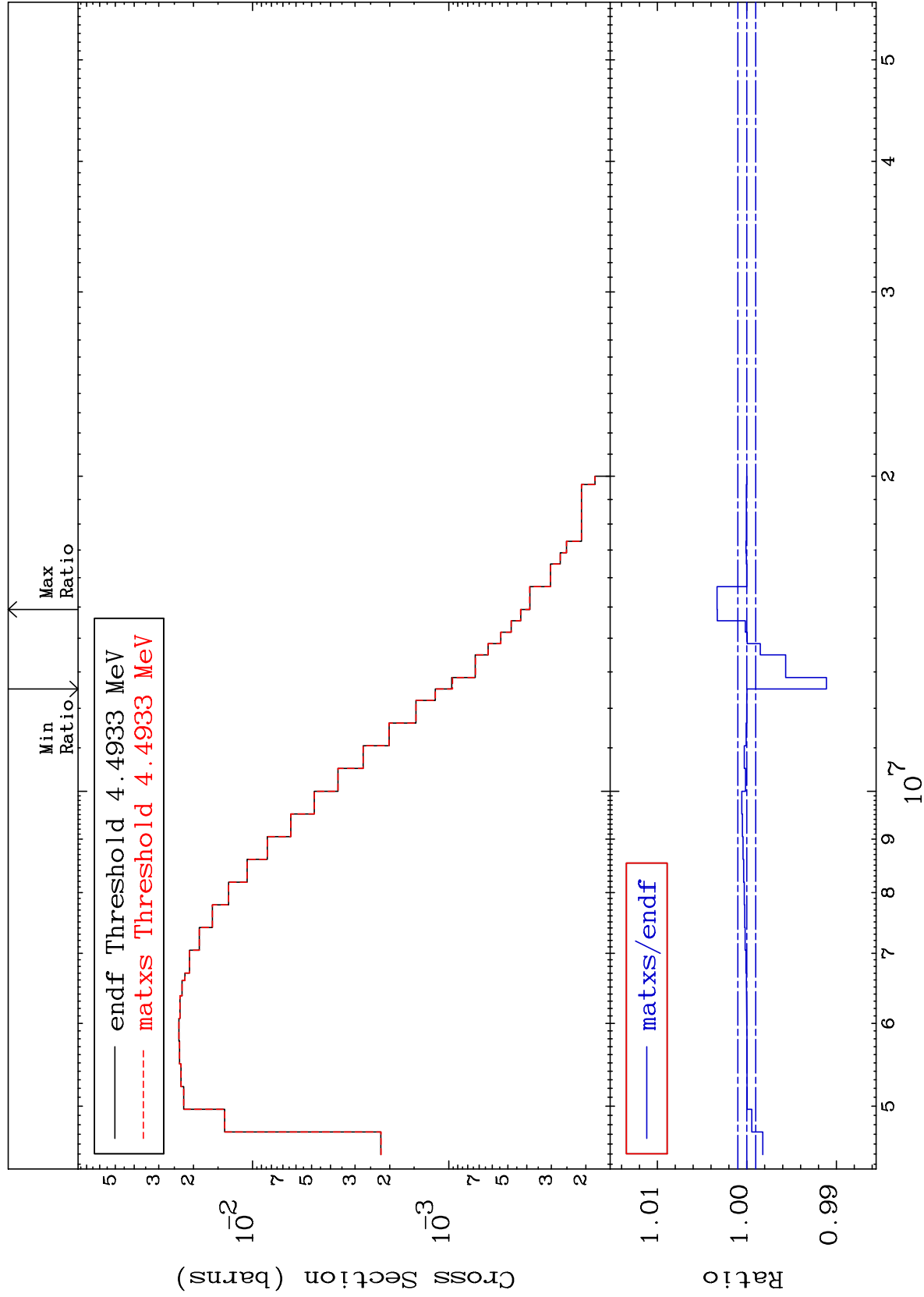
20-Ca-44
-0.890 To 0.334 %



MAT 2037

4.480 MeV (n,n') Level
Cross Section

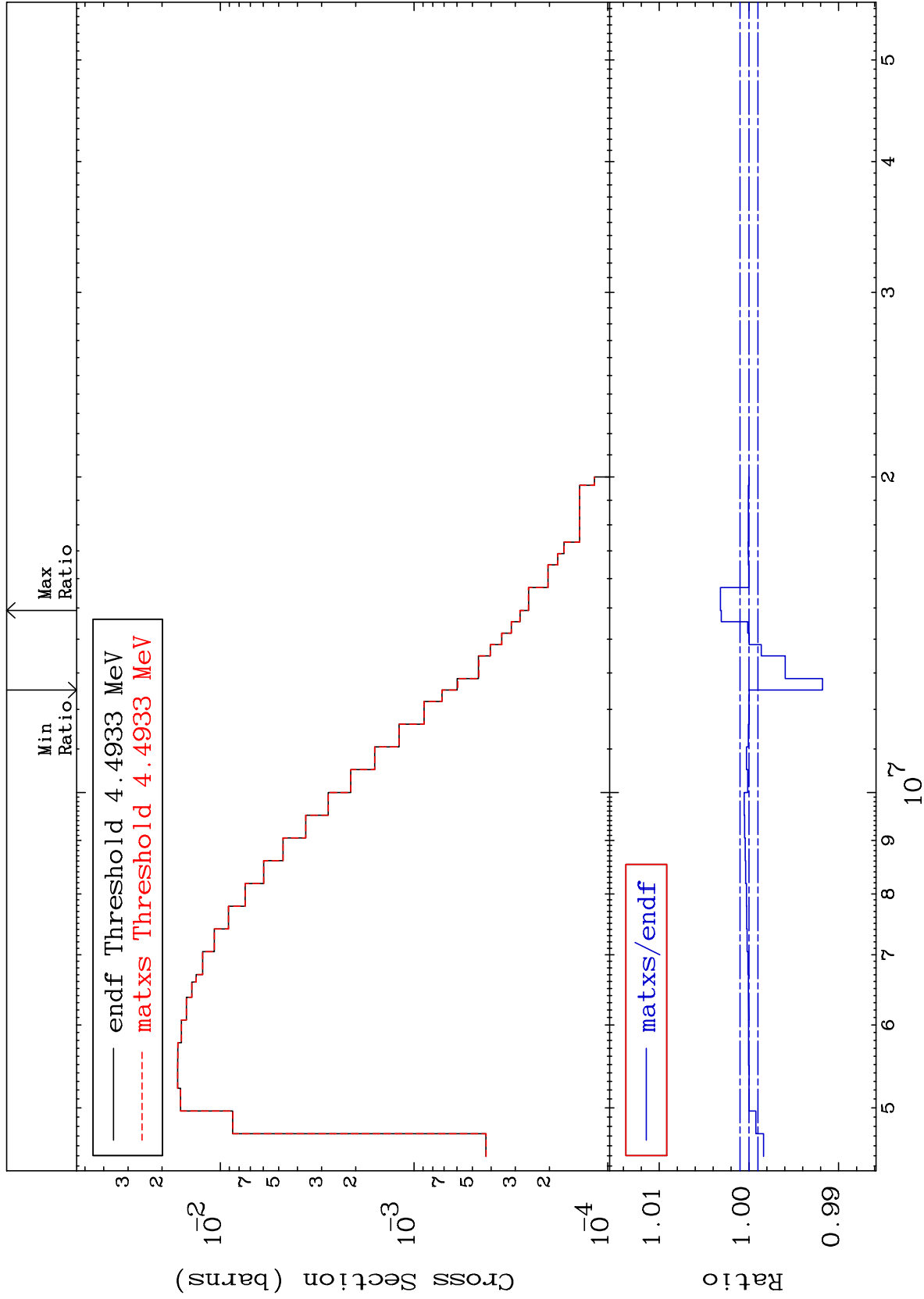
20-Ca-44
-0.888 To 0.334 %



MAT 2037

4.553 MeV (n,n') Level
Cross Section

20-Ca-44
-0.819 To 0.319 %



34

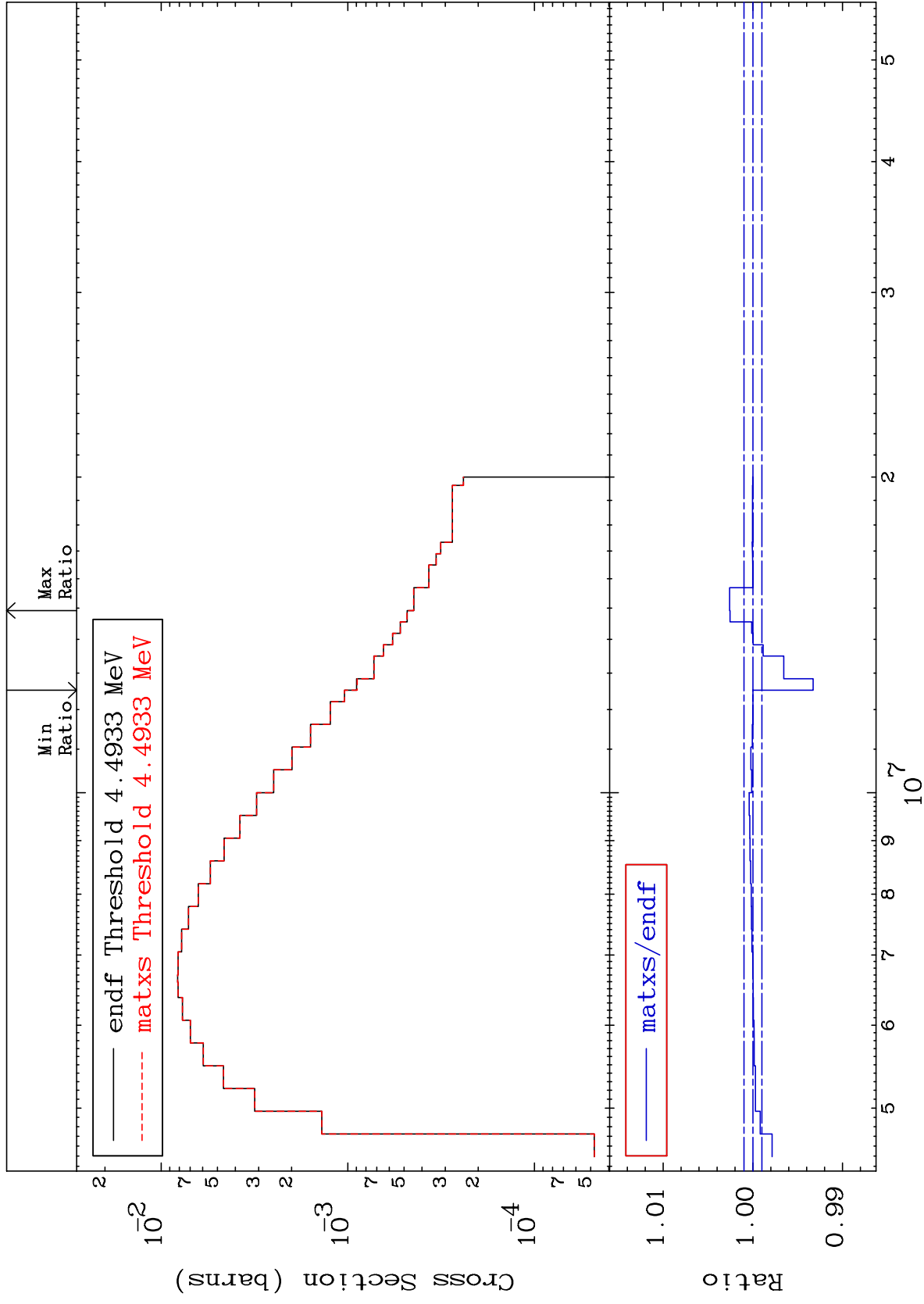
Incident Energy (eV)

20-Ca-44

MAT 2037

4.565 MeV (n,n') Level
Cross Section

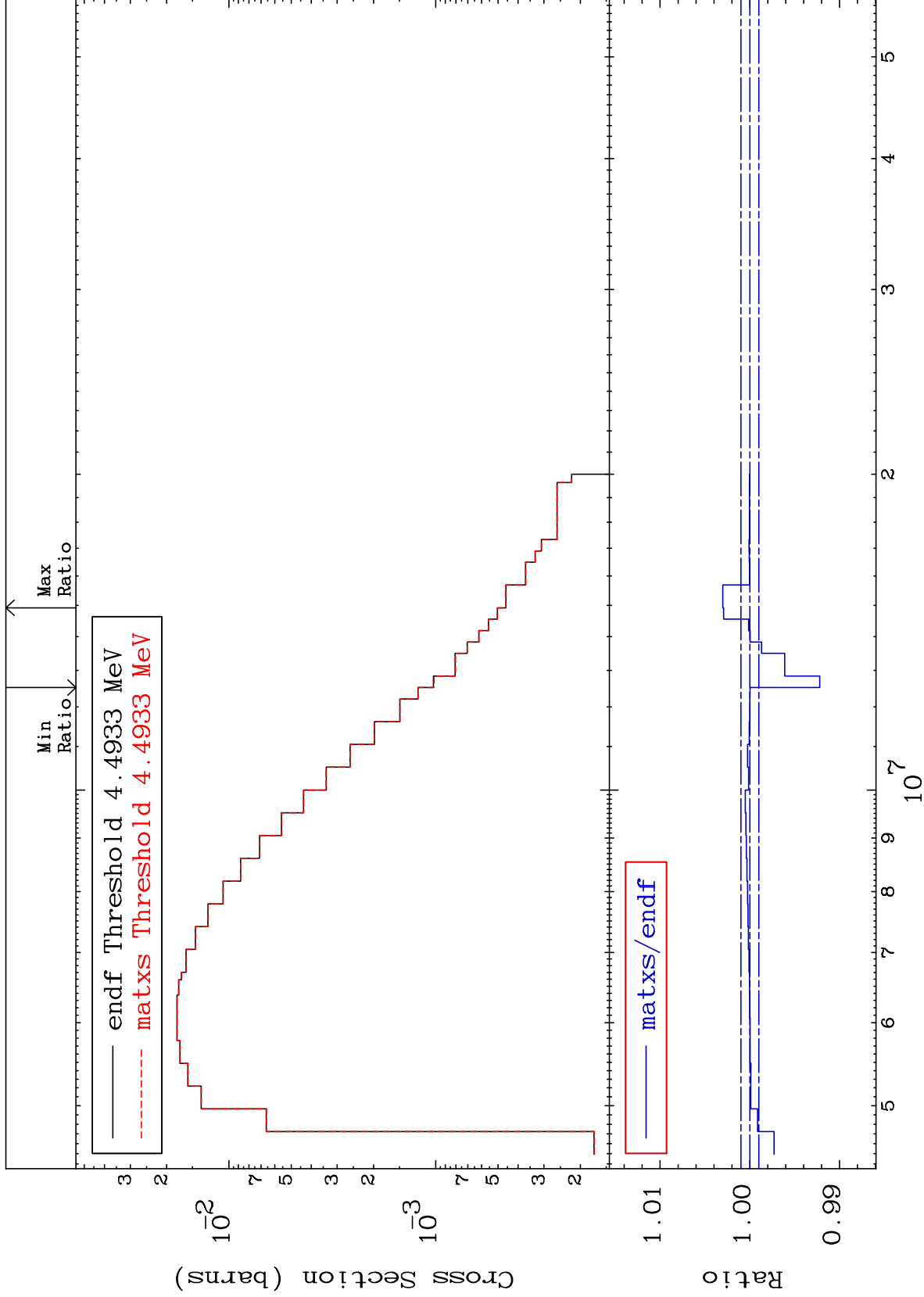
20-Ca-44
-0.673 To 0.259 %



MAT 2037

4.573 MeV (n,n') Level
Cross Section

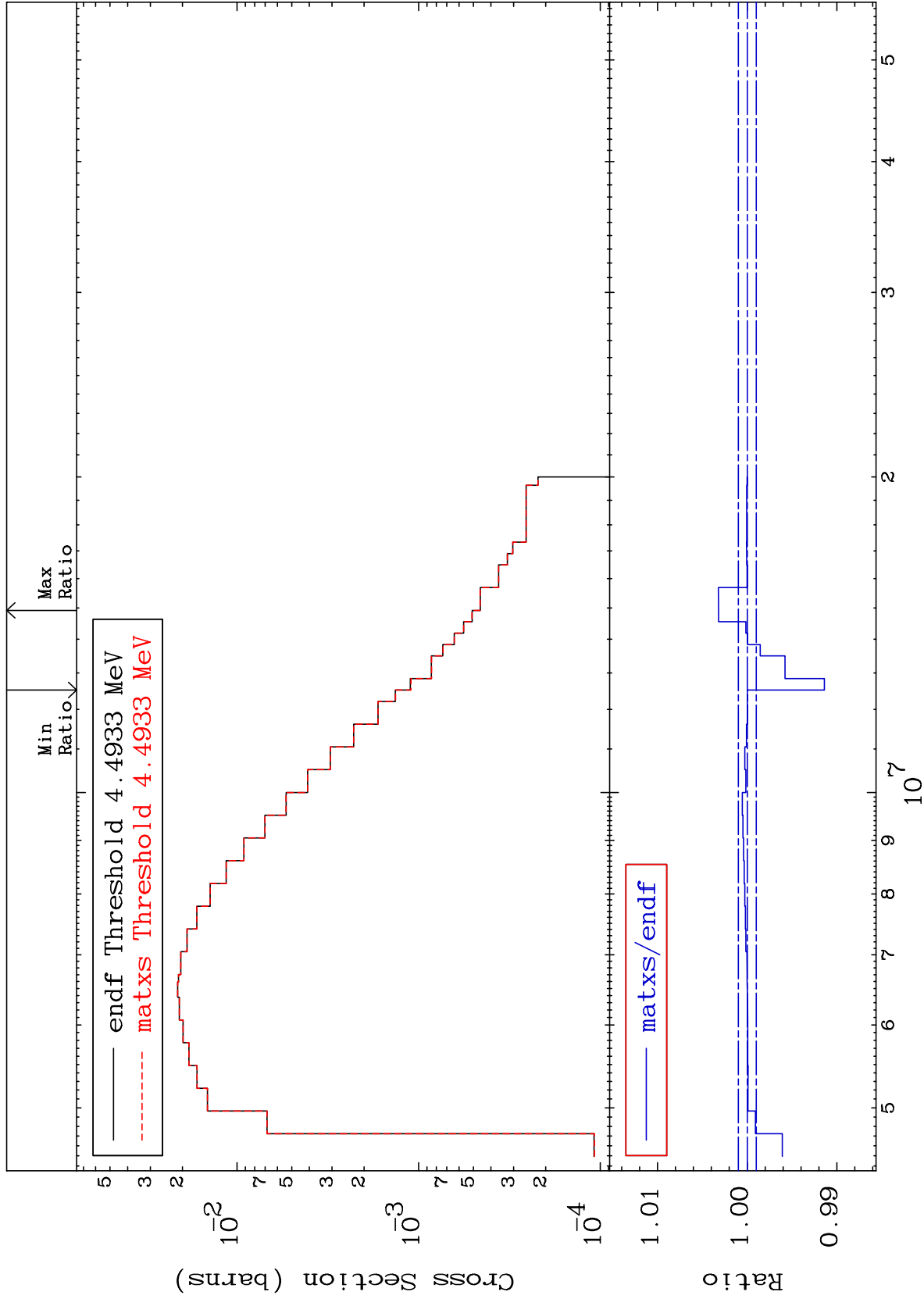
20-Ca-44
-0.778 To 0.301 %



MAT 2037

4.584 MeV (n,n') Level
Cross Section

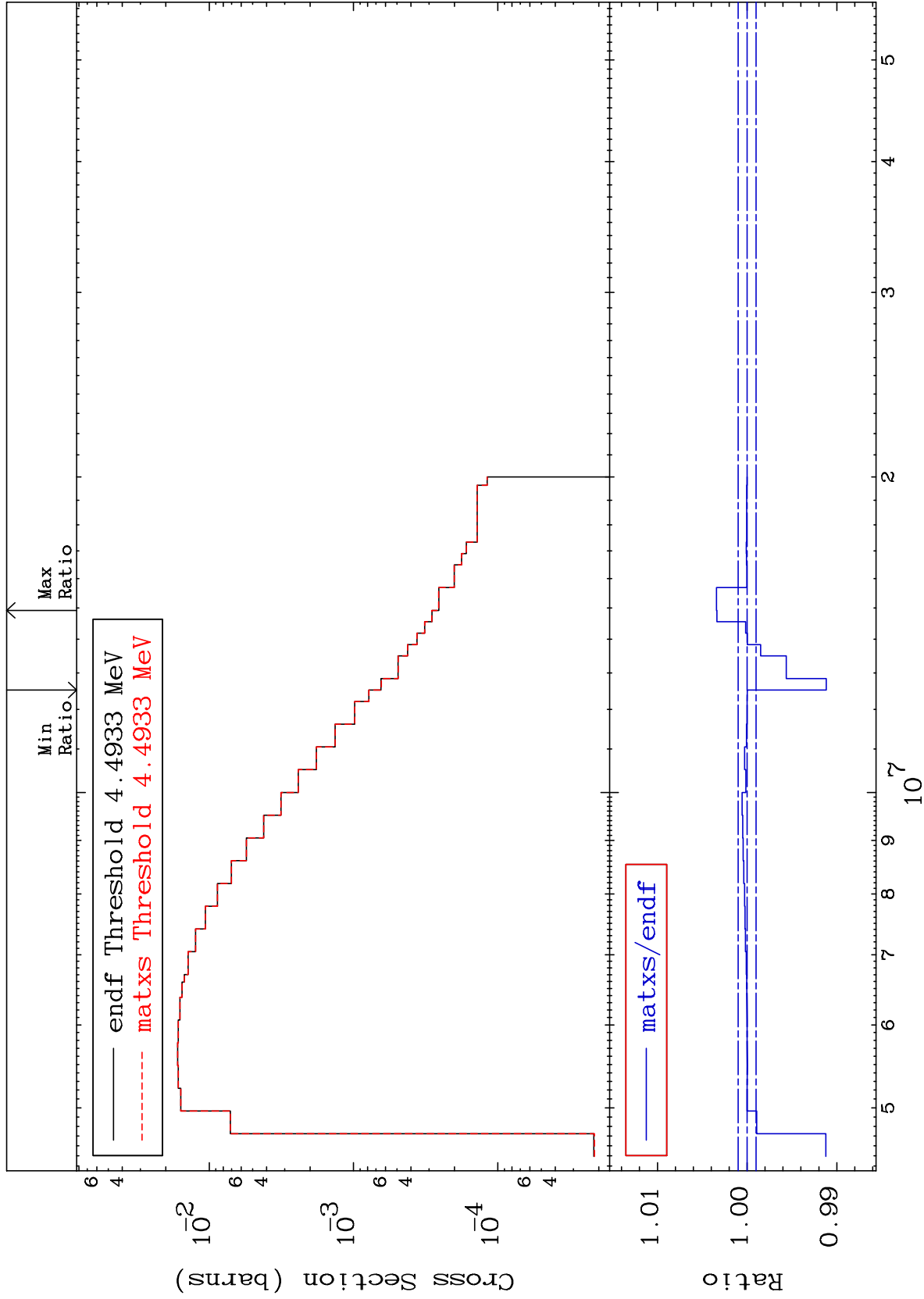
20-Ca-44
-0.861 To 0.322 %



MAT 2037

4.604 MeV (n,n') Level
Cross Section

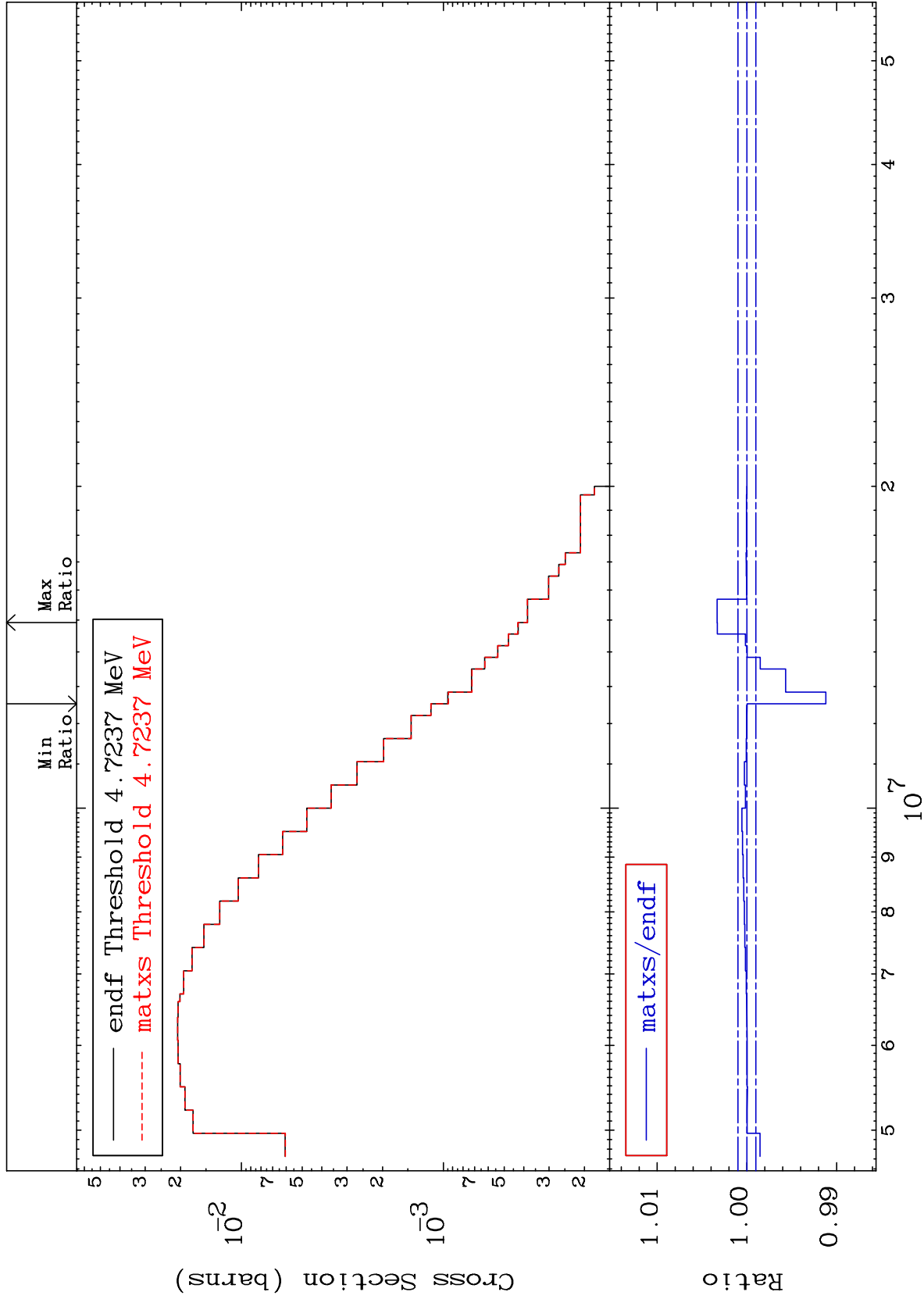
20-Ca-44
-0.883 To 0.341 %



MAT 2037

4.651 MeV (n,n') Level
Cross Section

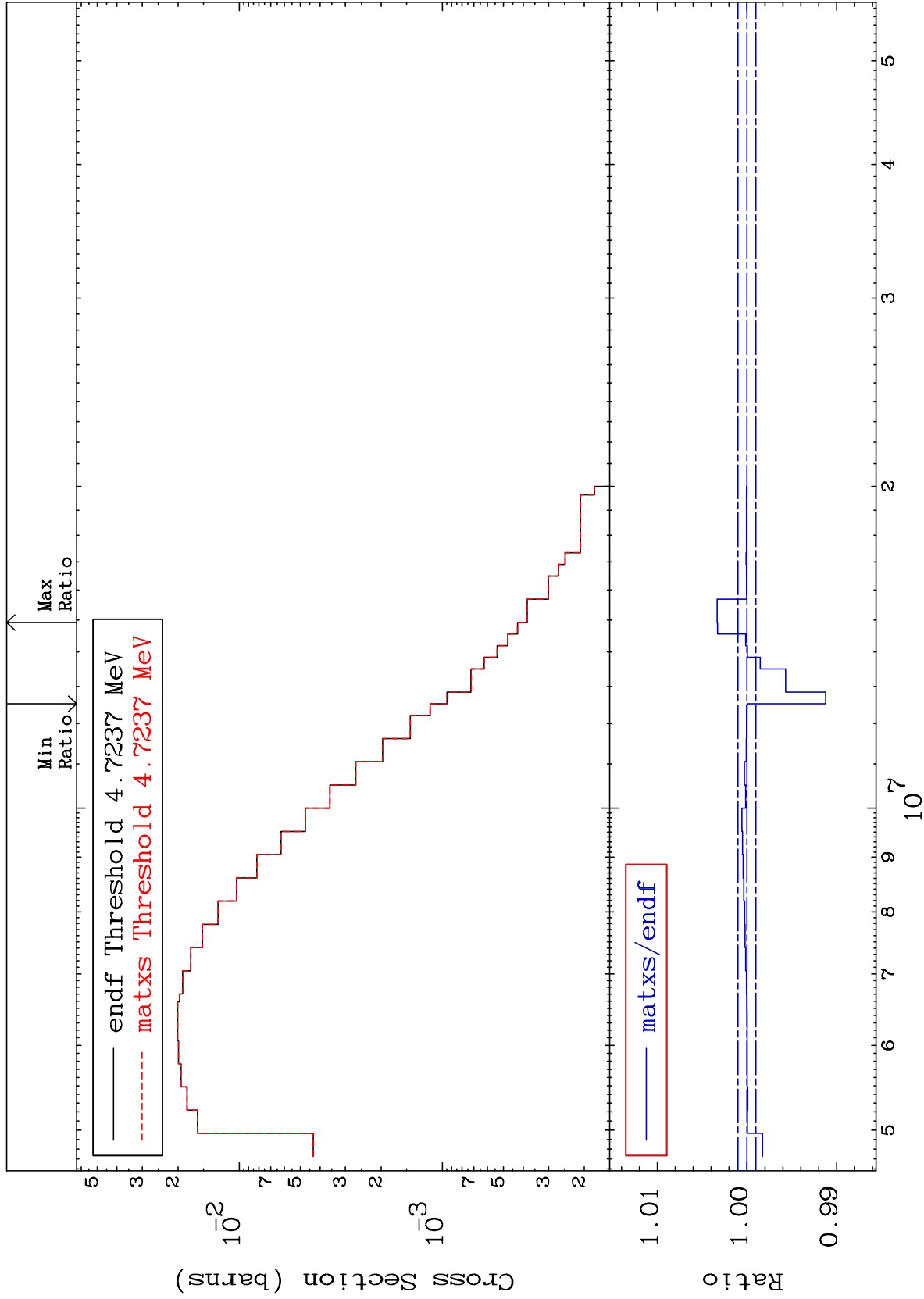
20-Ca-44
-0.880 To 0.333 %



MAT 2037

4.690 MeV (n,n') Level
Cross Section

20-Ca-44
-0.878 To 0.333 %



40

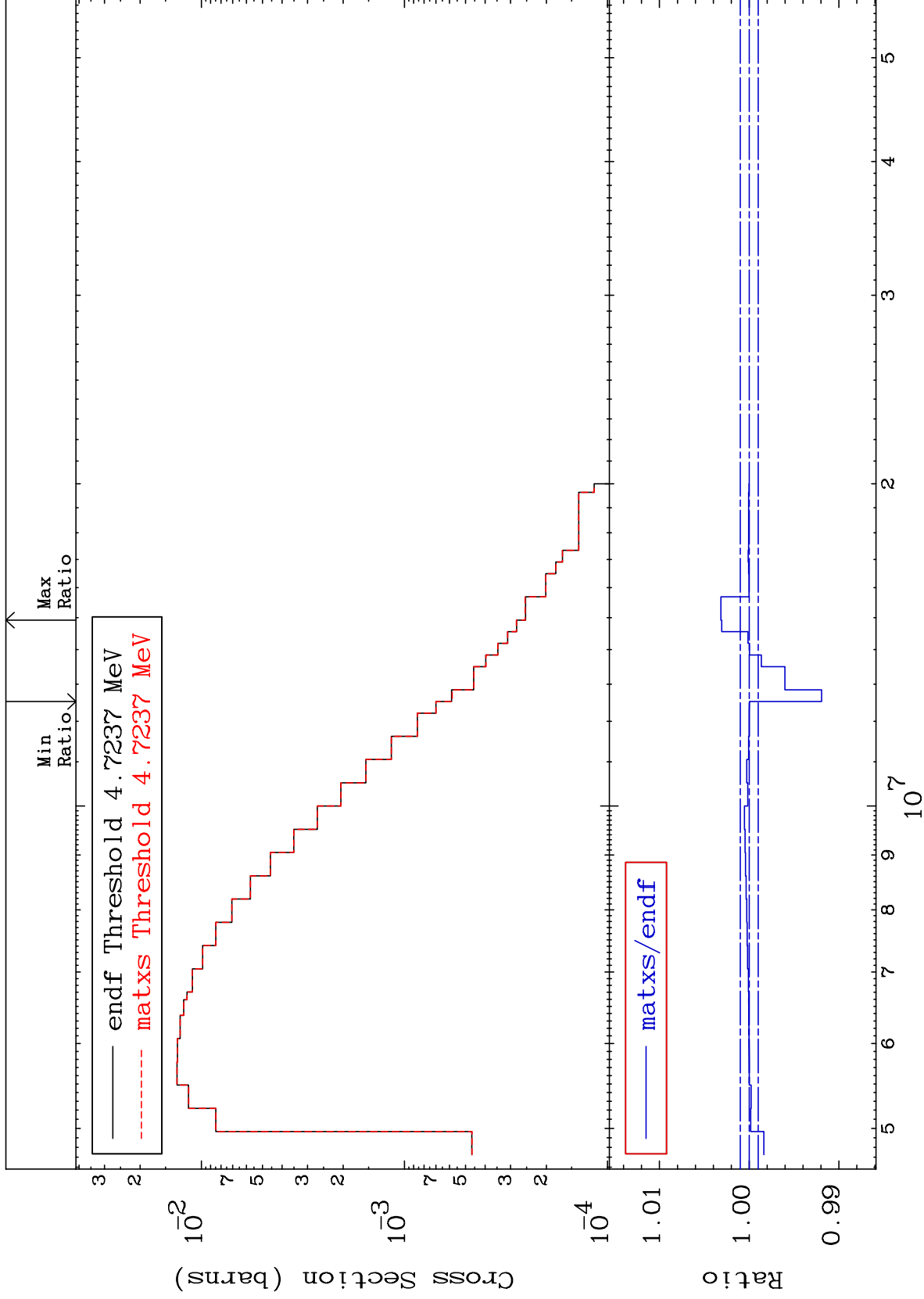
Incident Energy (eV)

20-Ca-44

MAT 2037

4.804 MeV (n,n') Level
Cross Section

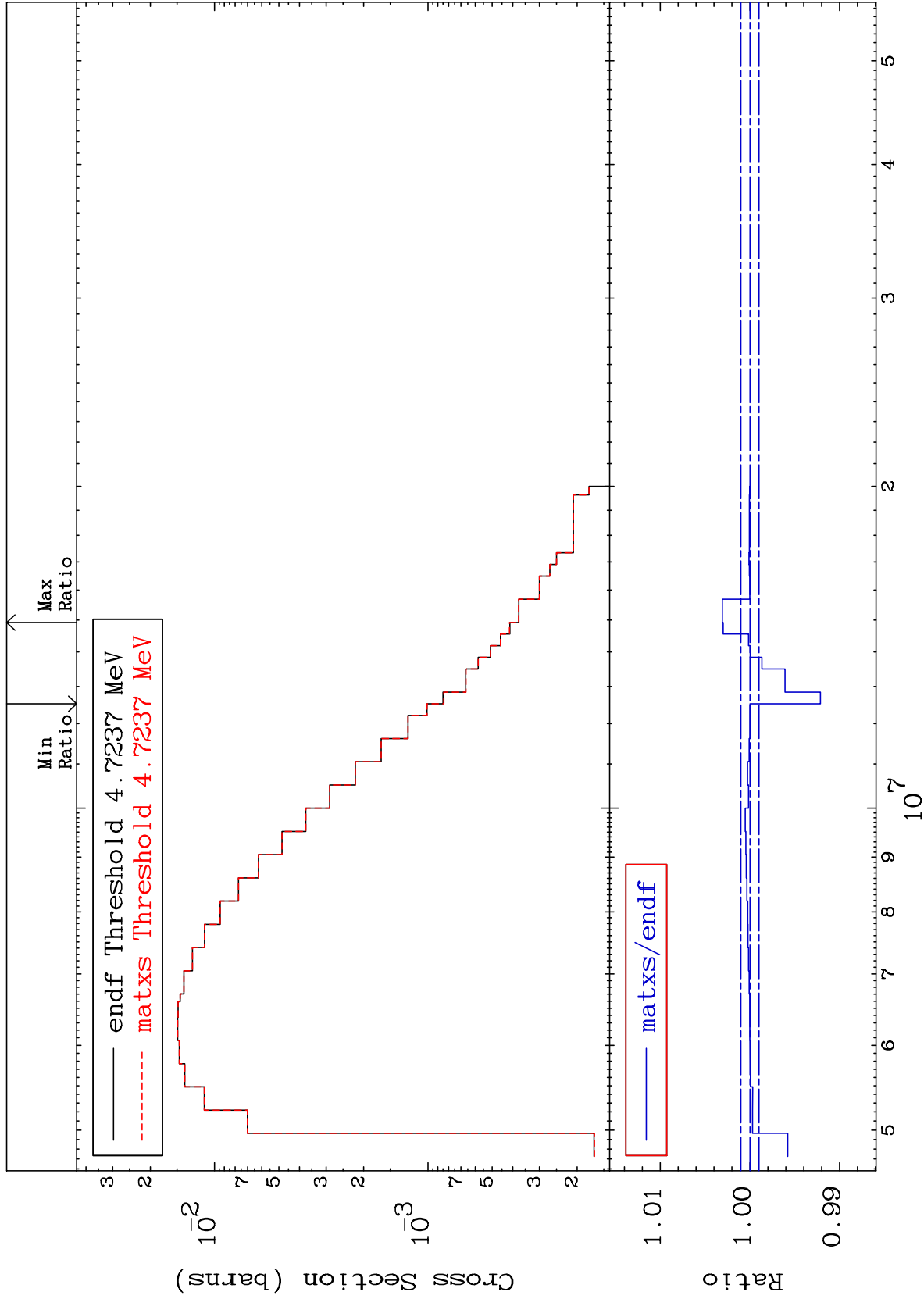
20-Ca-44
-0.807 To 0.316 %



MAT 2037

4.824 MeV (n,n') Level
Cross Section

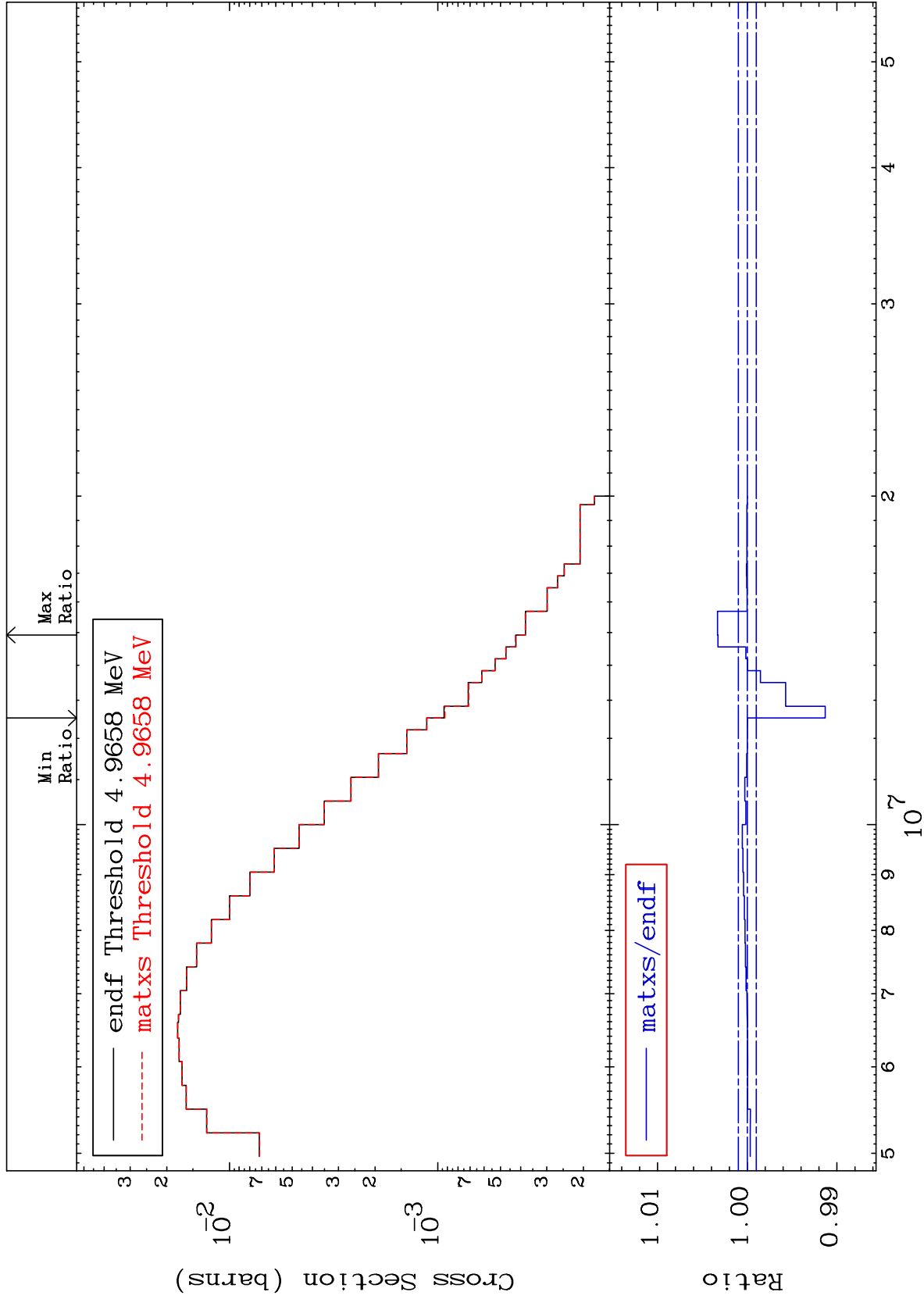
20-Ca-44
-0.787 To 0.308 %



MAT 2037

4.866 MeV (n,n') Level
Cross Section

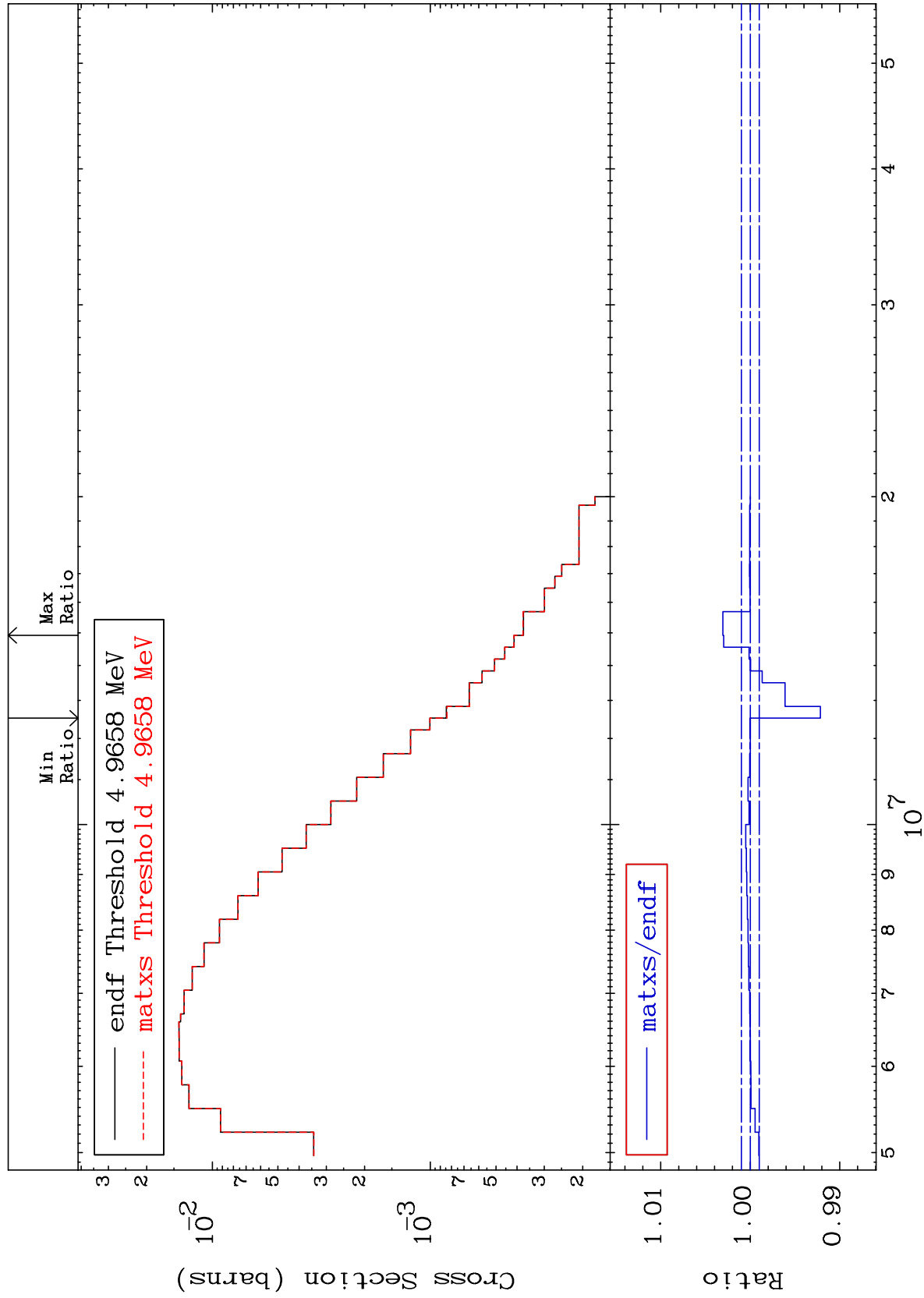
20-Ca-44
-0.869 To 0.332 %



MAT 2037

4.884 MeV (n,n') Level
Cross Section

20-Ca-44
-0.784 To 0.307 %



44

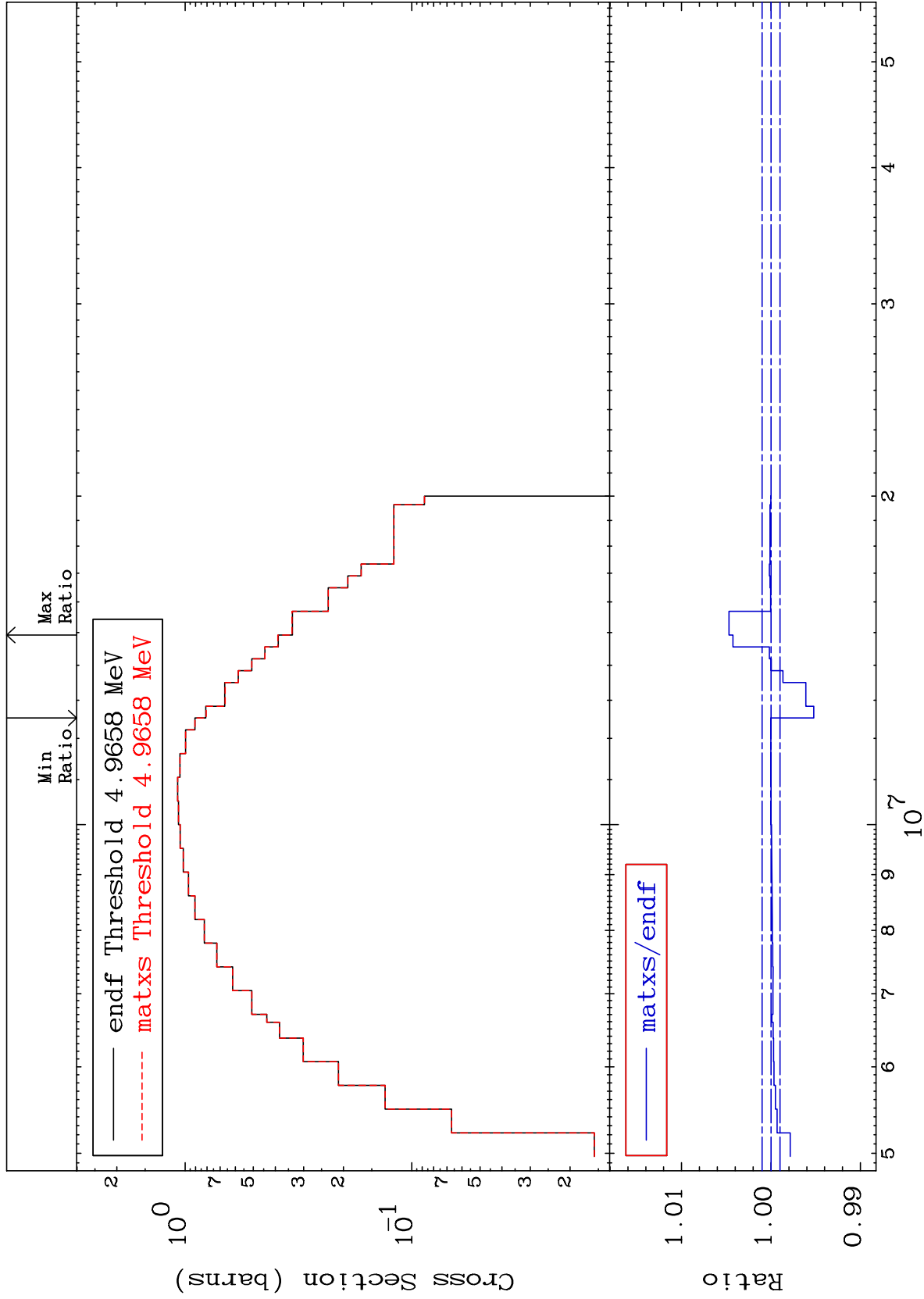
Incident Energy (eV)

20-Ca-44

MAT 2037

(n,n') Continuum
Cross Section

20-Ca-44
-0.478 To 0.469 %



45

Incident Energy (eV)

20-Ca-44

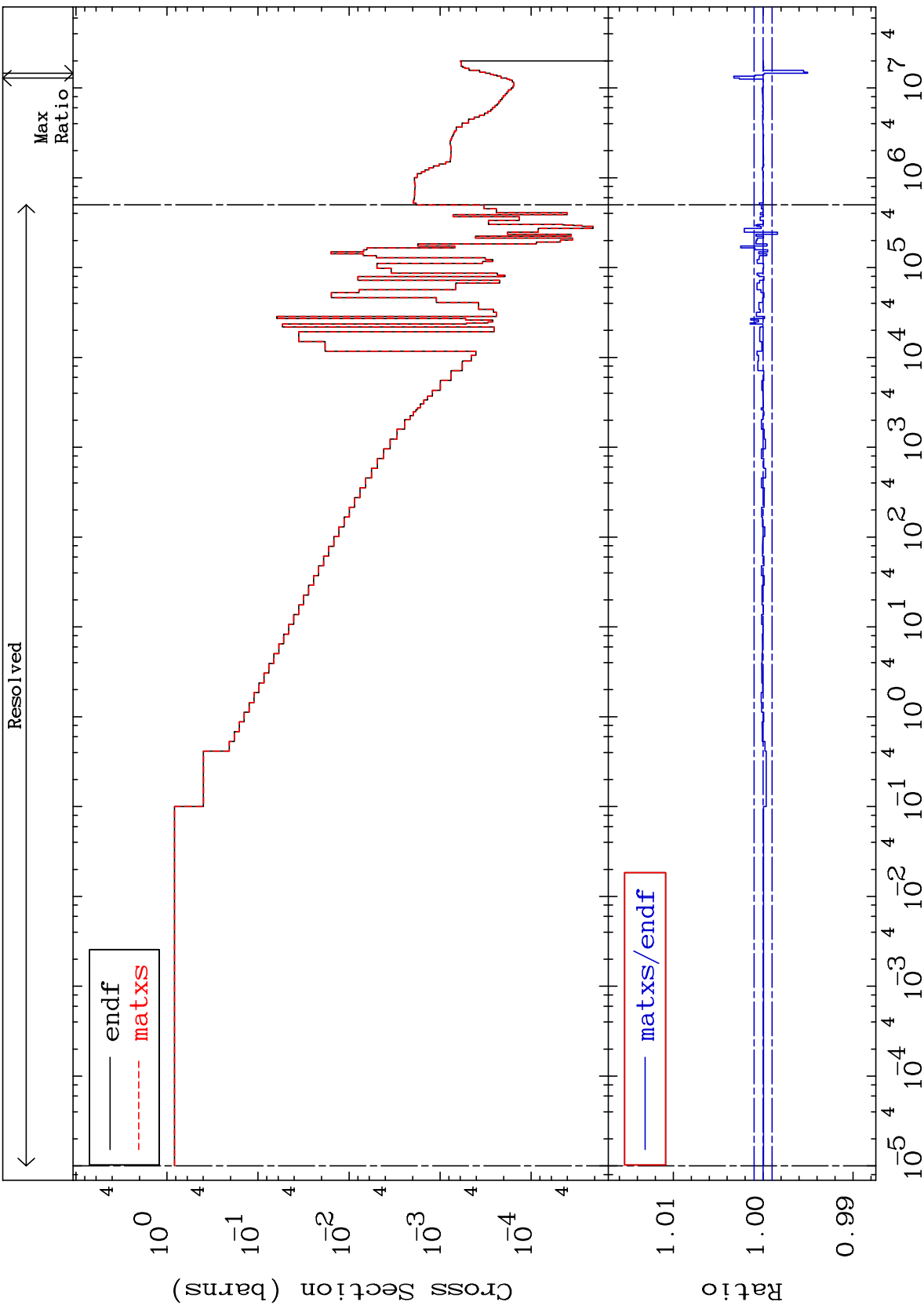
MAT 2037

(n, γ)

Cross Section

20-Ca-44

-0.495 To 0.326 %



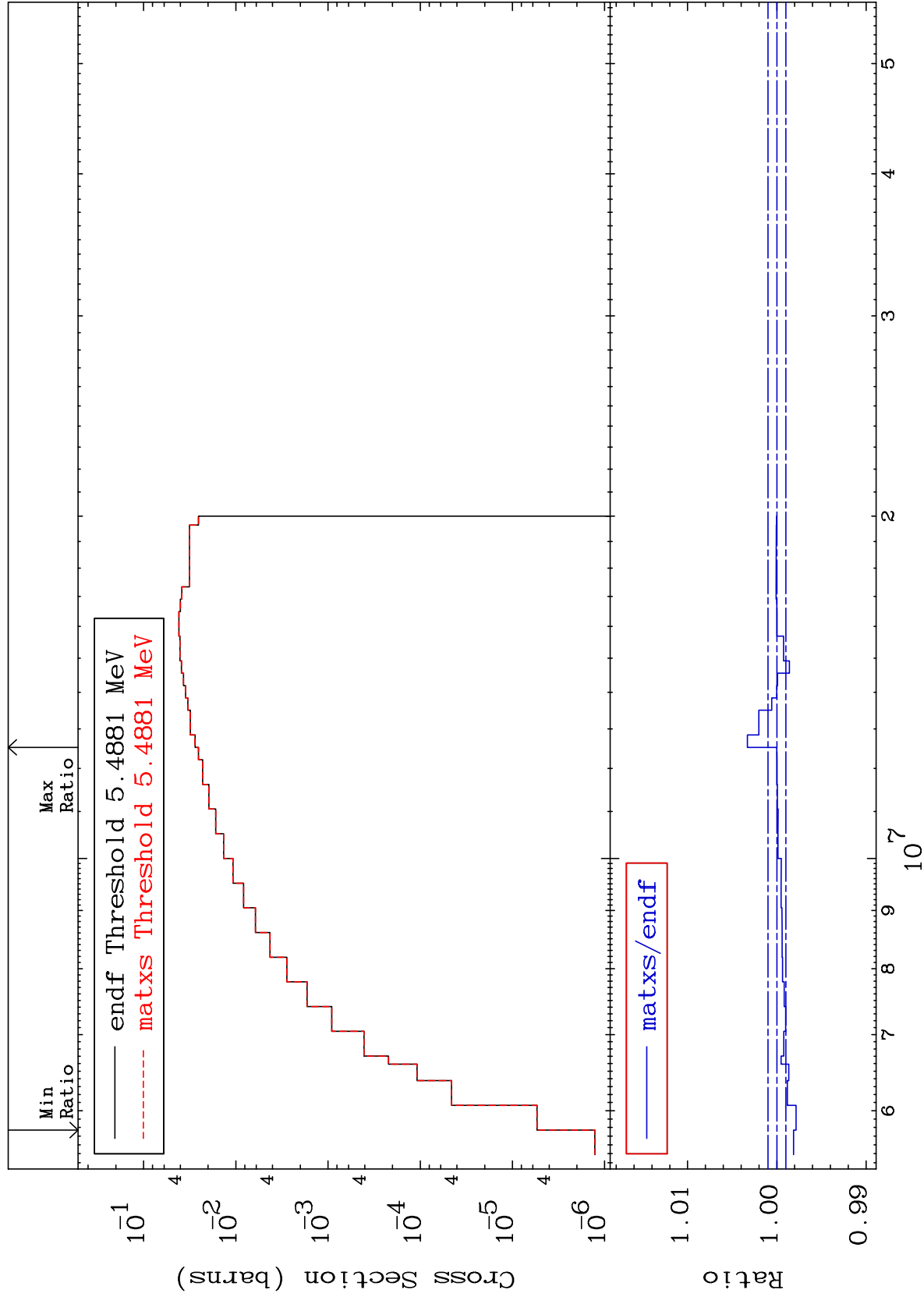
MAT 2037

(n,p)

20-Ca-44

Cross Section

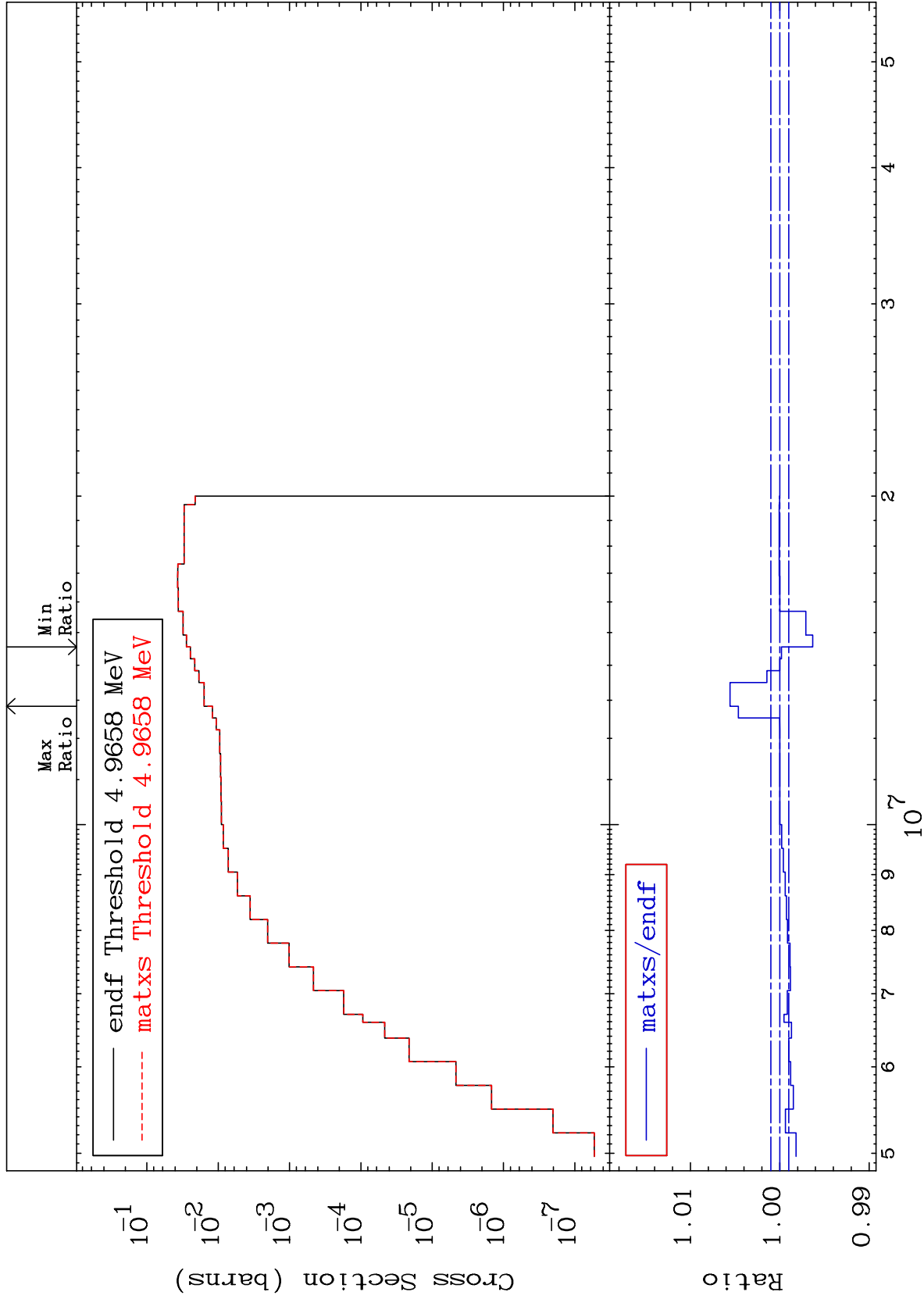
-0.214 To 0.331 %



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MAT 2037

(n, α) Cross Section
20-Ca-44
-0.369 To 0.557 %



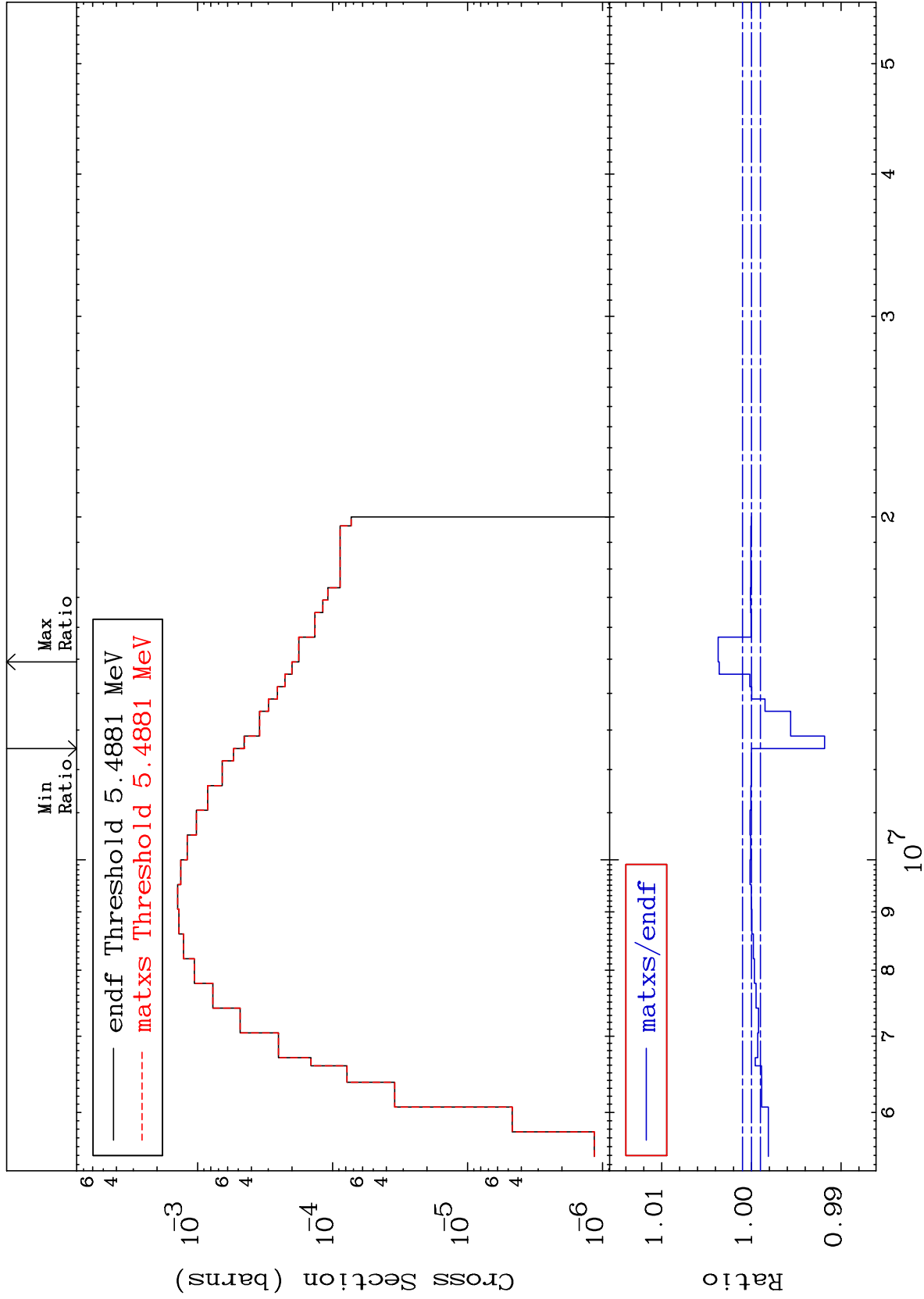
48

20-Ca-44

MAT 2037

(n,p') Ground
Cross Section

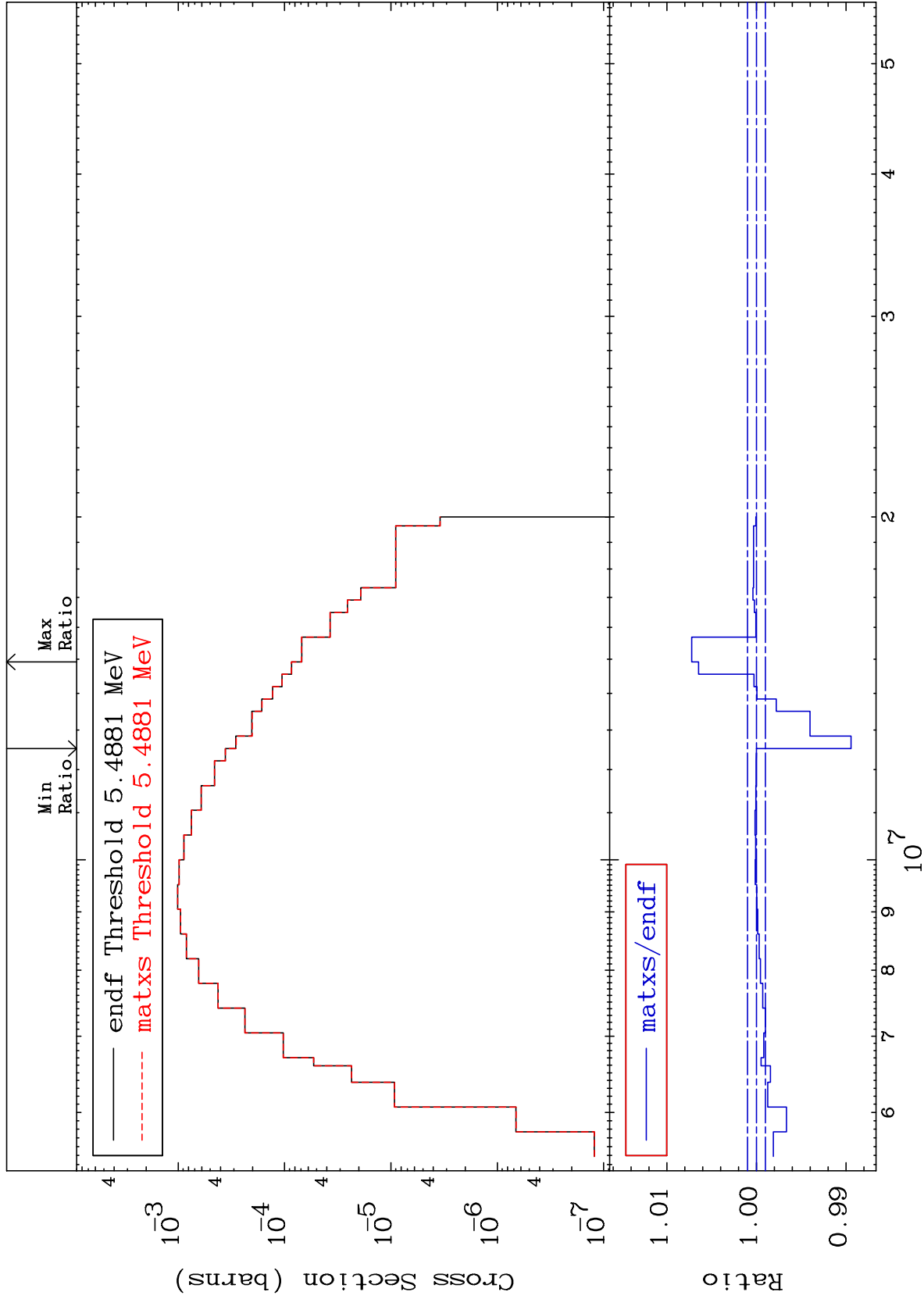
20-Ca-44
-0.817 To 0.371 %



MAT 2037

182.6 keV (n,p') Level
Cross Section

20-Ca-44
-1.056 To 0.722 %



50

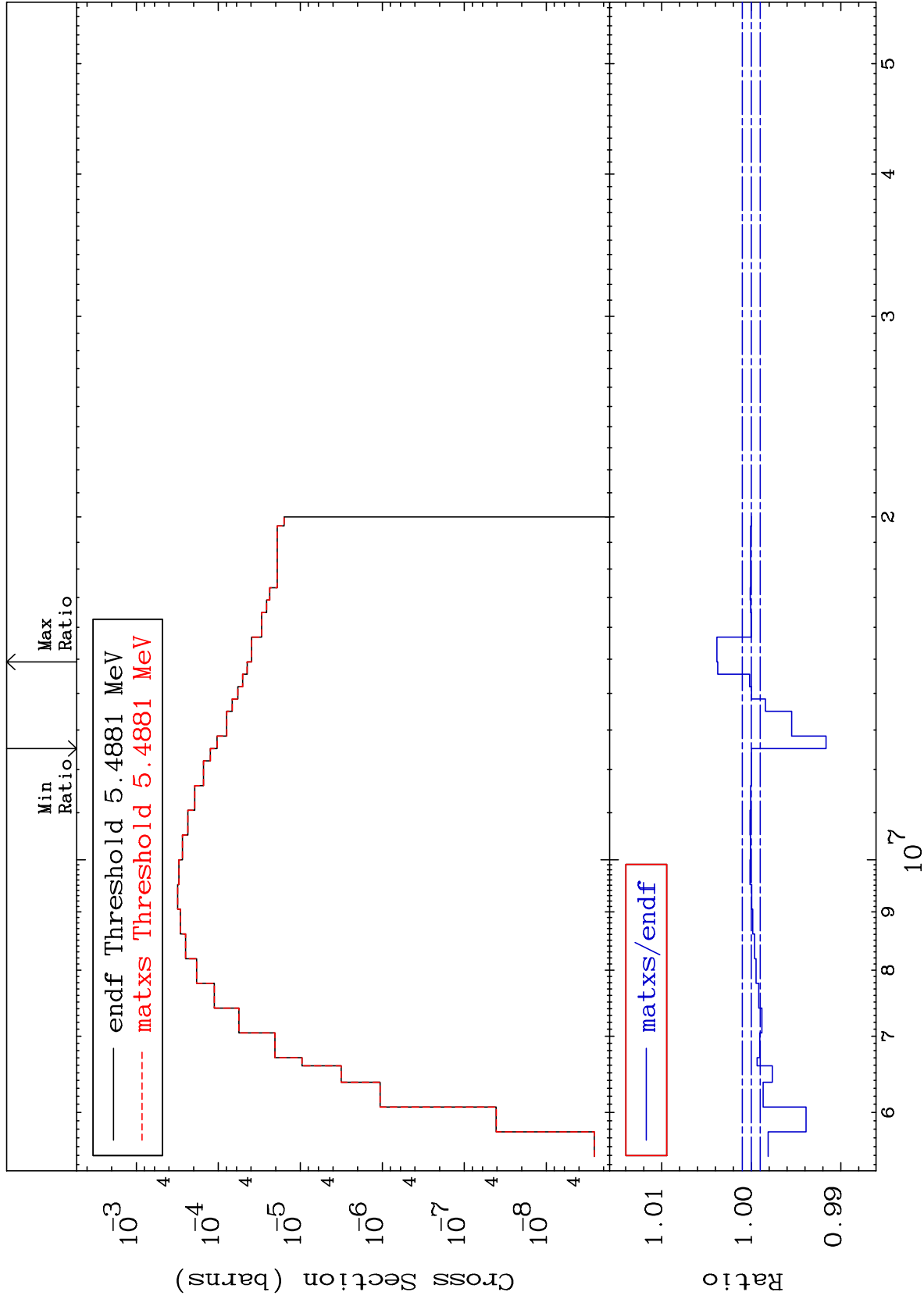
Incident Energy (eV)

20-Ca-44

MAT 2037

382.9 keV (n,p') Level
Cross Section

20-Ca-44
-0.833 To 0.384 %



51

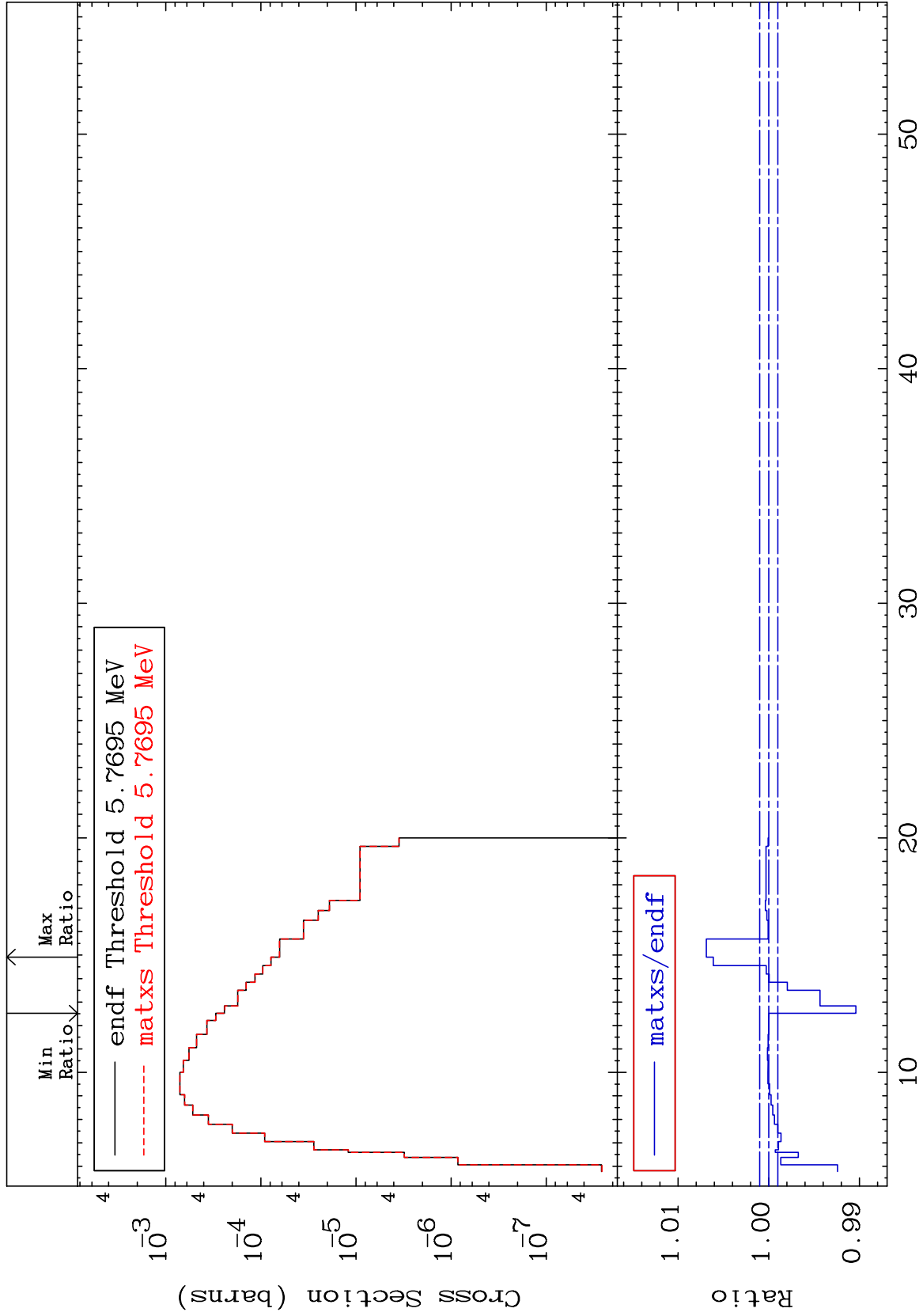
Incident Energy (eV)

20-Ca-44

MAT 2037

520.0 keV (n,p') Level
Cross Section

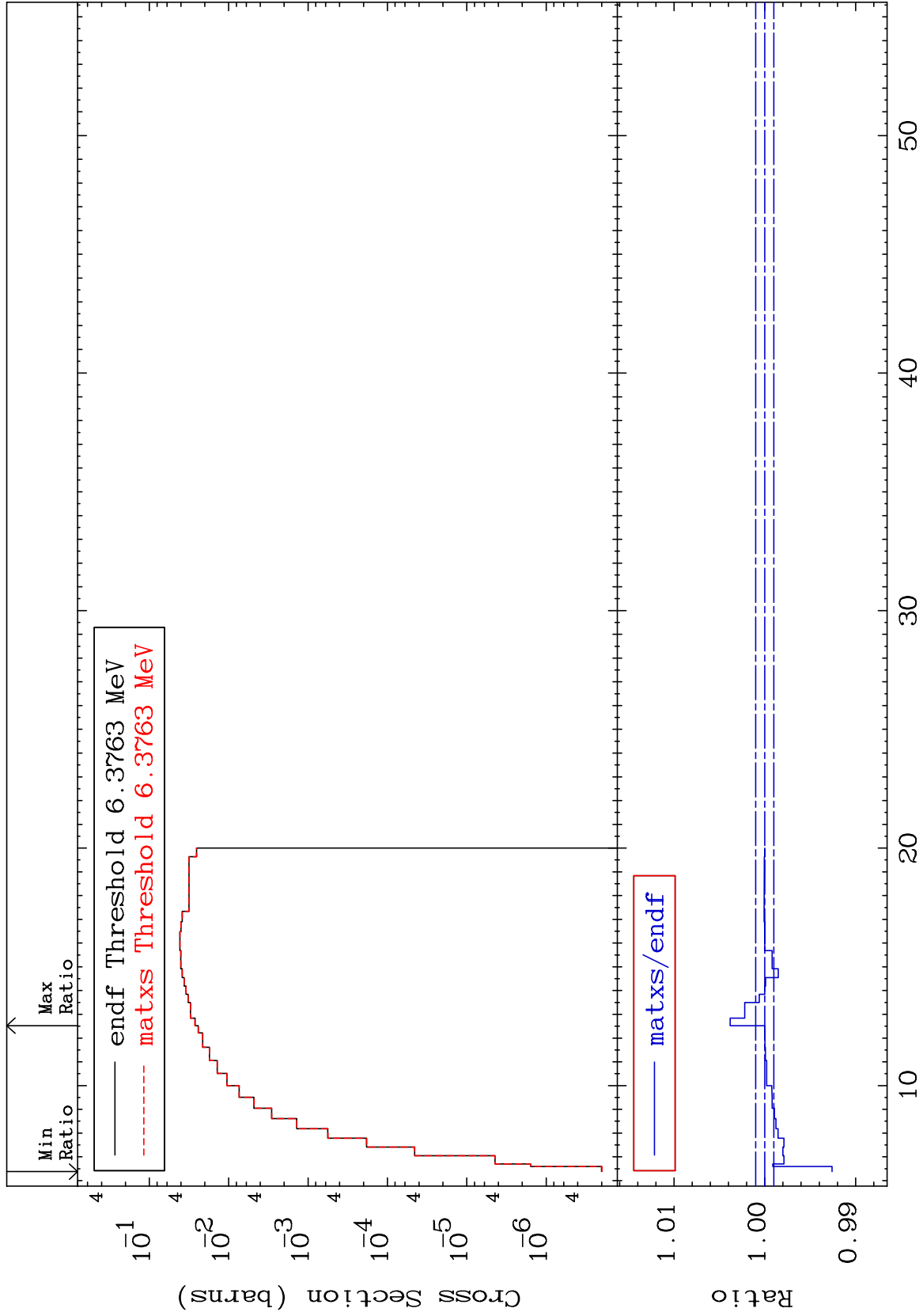
20-Ca-44
-0.960 To 0.687 %



MAT 2037

812.0 keV (n,p') Level
Cross Section

20-Ca-44
-0.741 To 0.382 %



53

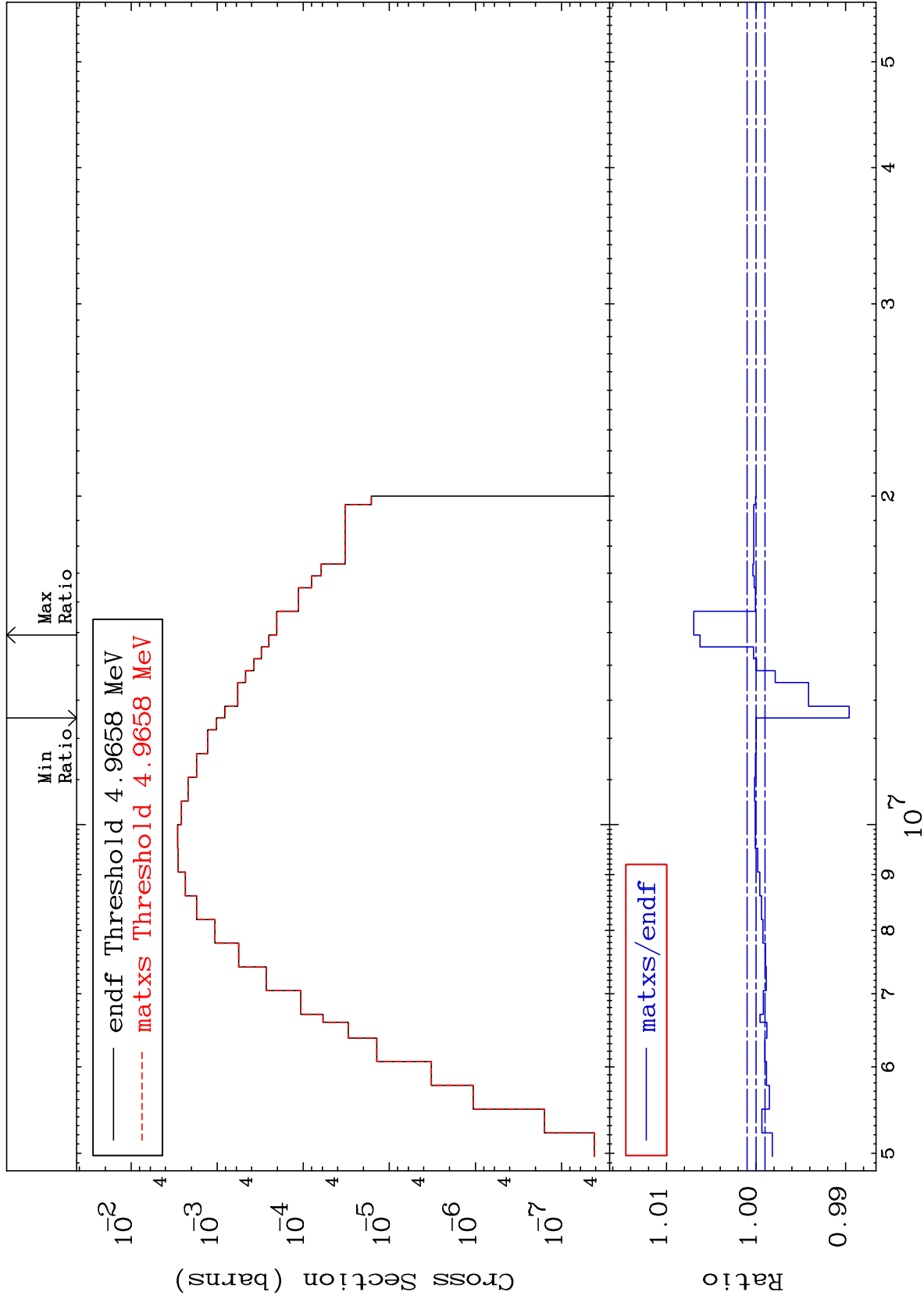
Incident Energy (MeV)

20-Ca-44

MAT 2037

(n, α') Ground
Cross Section

20-Ca-44
-1.039 To 0.695 %



54

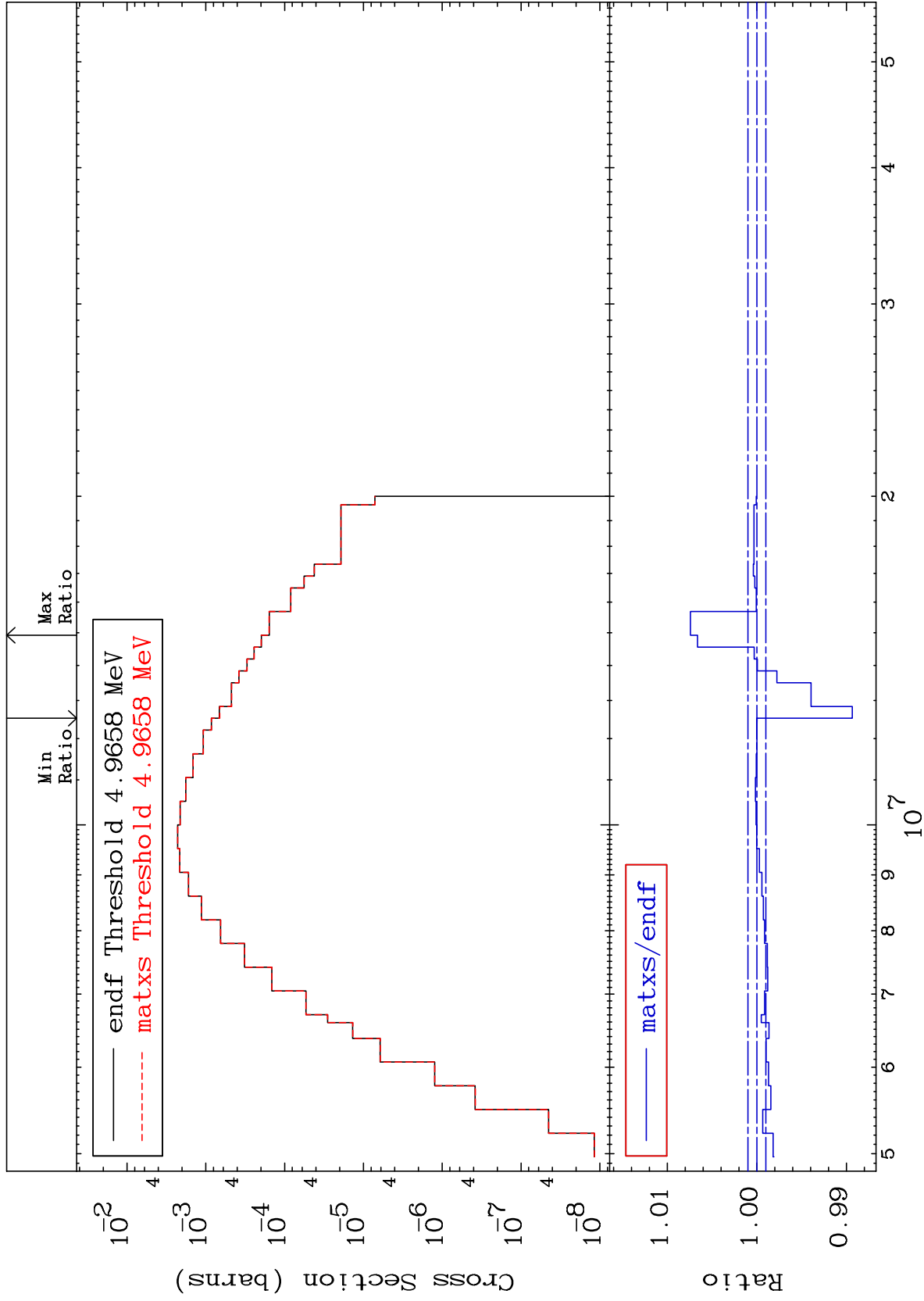
Incident Energy (eV)

20-Ca-44

MAT 2037

167.3 keV (n, α') Level
Cross Section

20-Ca-44
-1.066 To 0.742 %

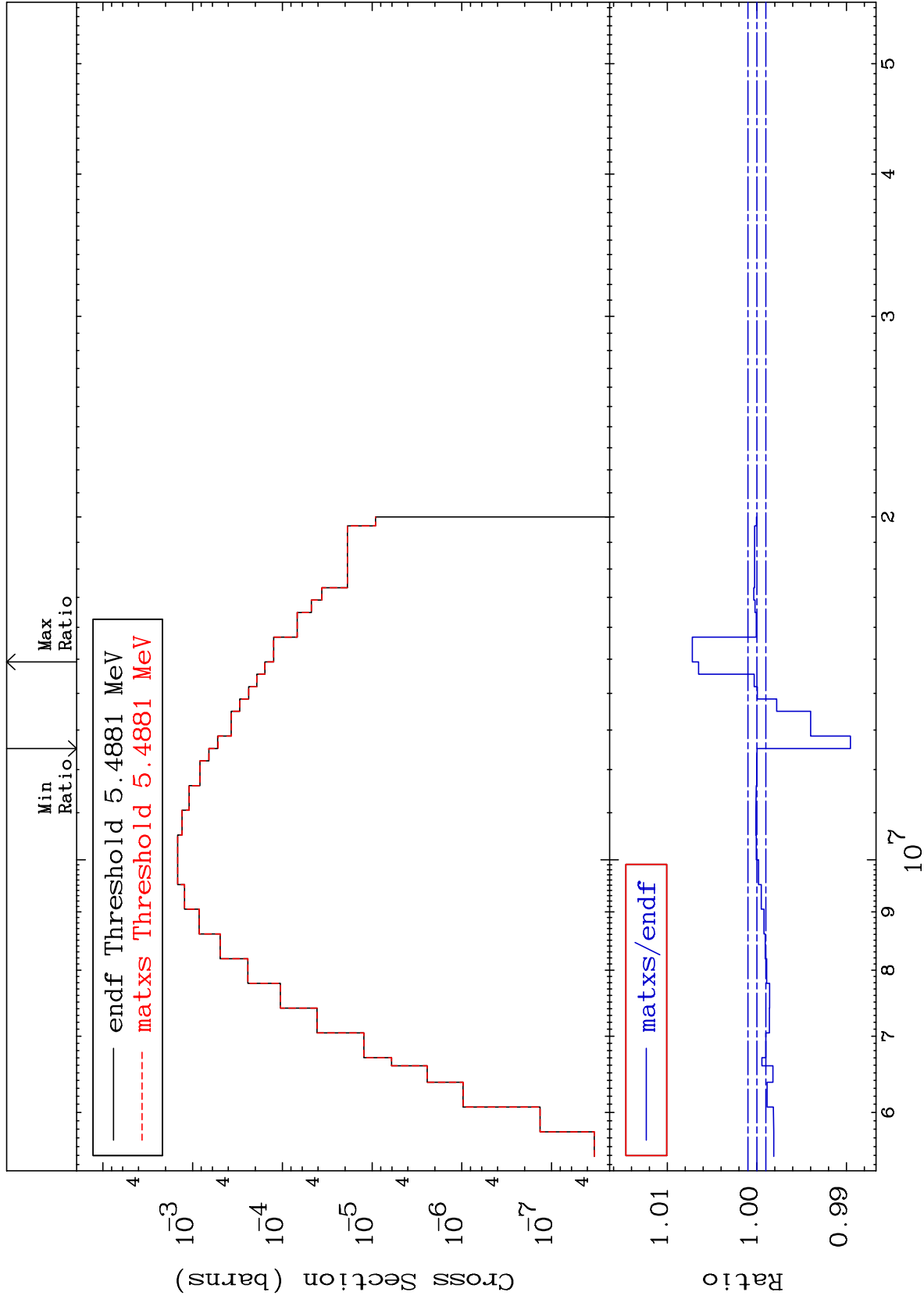


55

MAT 2037

516.0 keV (n, α') Level
Cross Section

20-Ca-44
-1.045 To 0.721 %



56

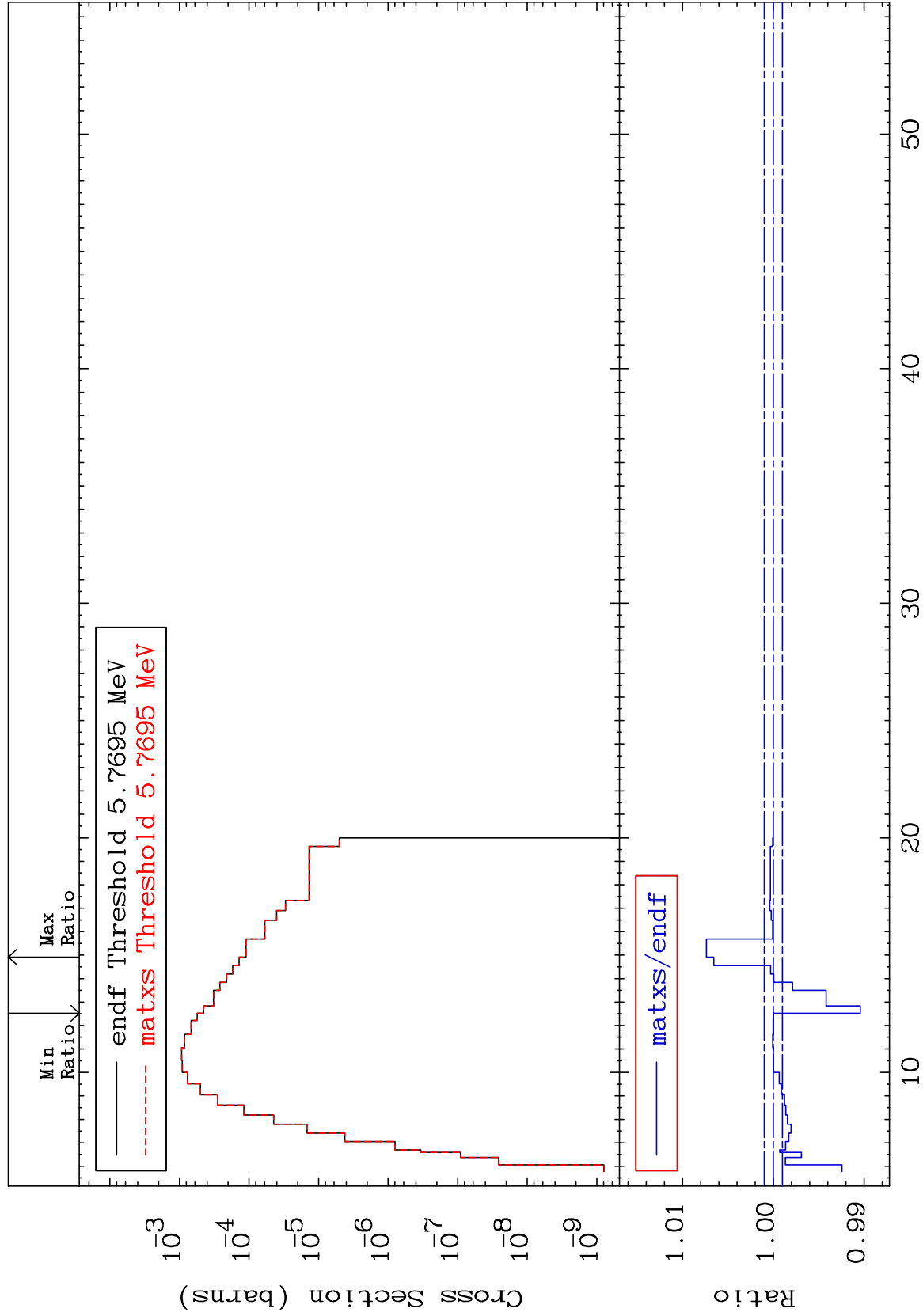
Incident Energy (eV)

20-Ca-44

MAT 2037

1.035 MeV (n, α') Level
Cross Section

20-Ca-44
-0.959 To 0.736 %



57

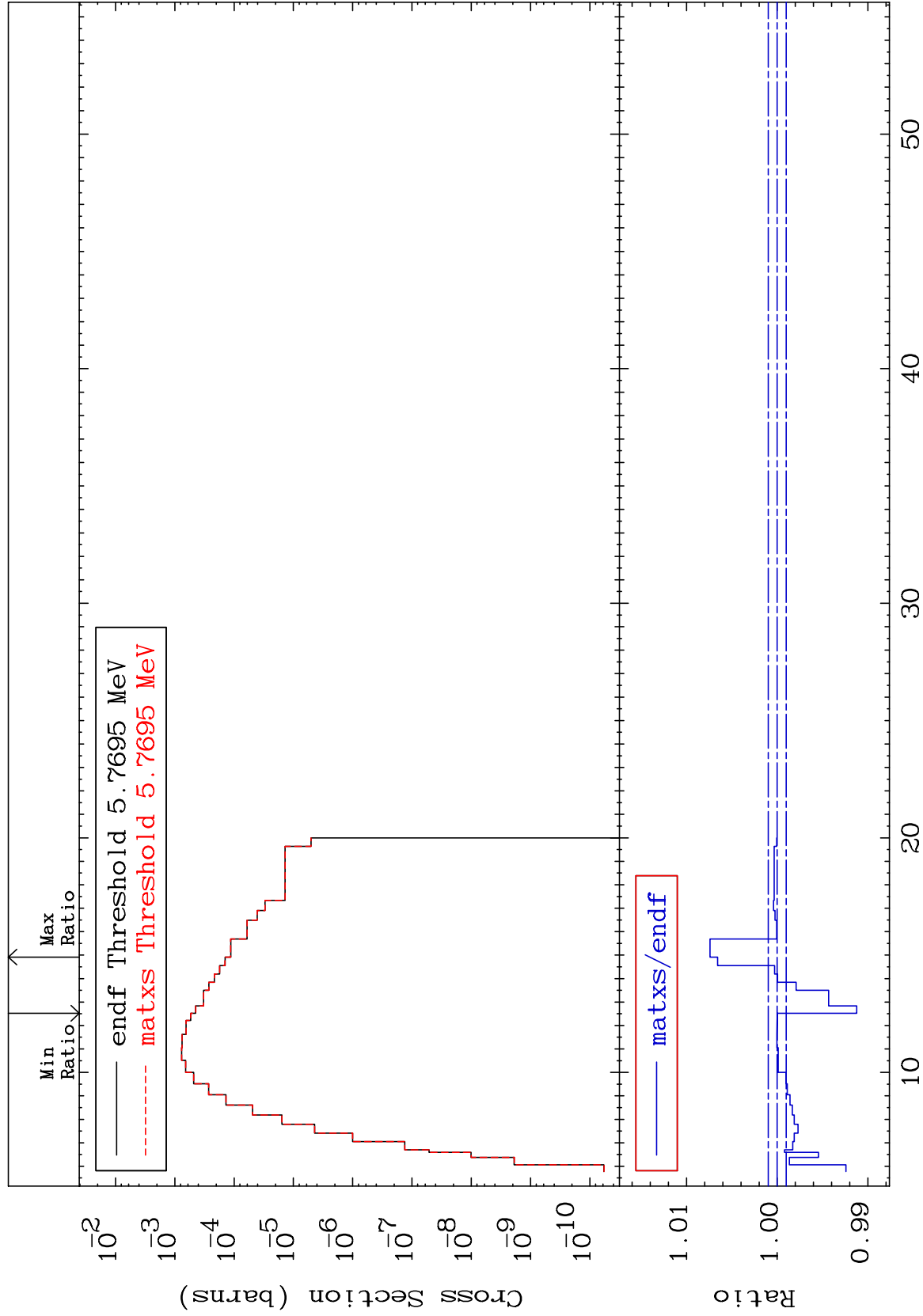
Incident Energy (MeV)

20-Ca-44

MAT 2037

1.354 MeV (n, α') Level
Cross Section

20-Ca-44
-0.876 To 0.741 %



58

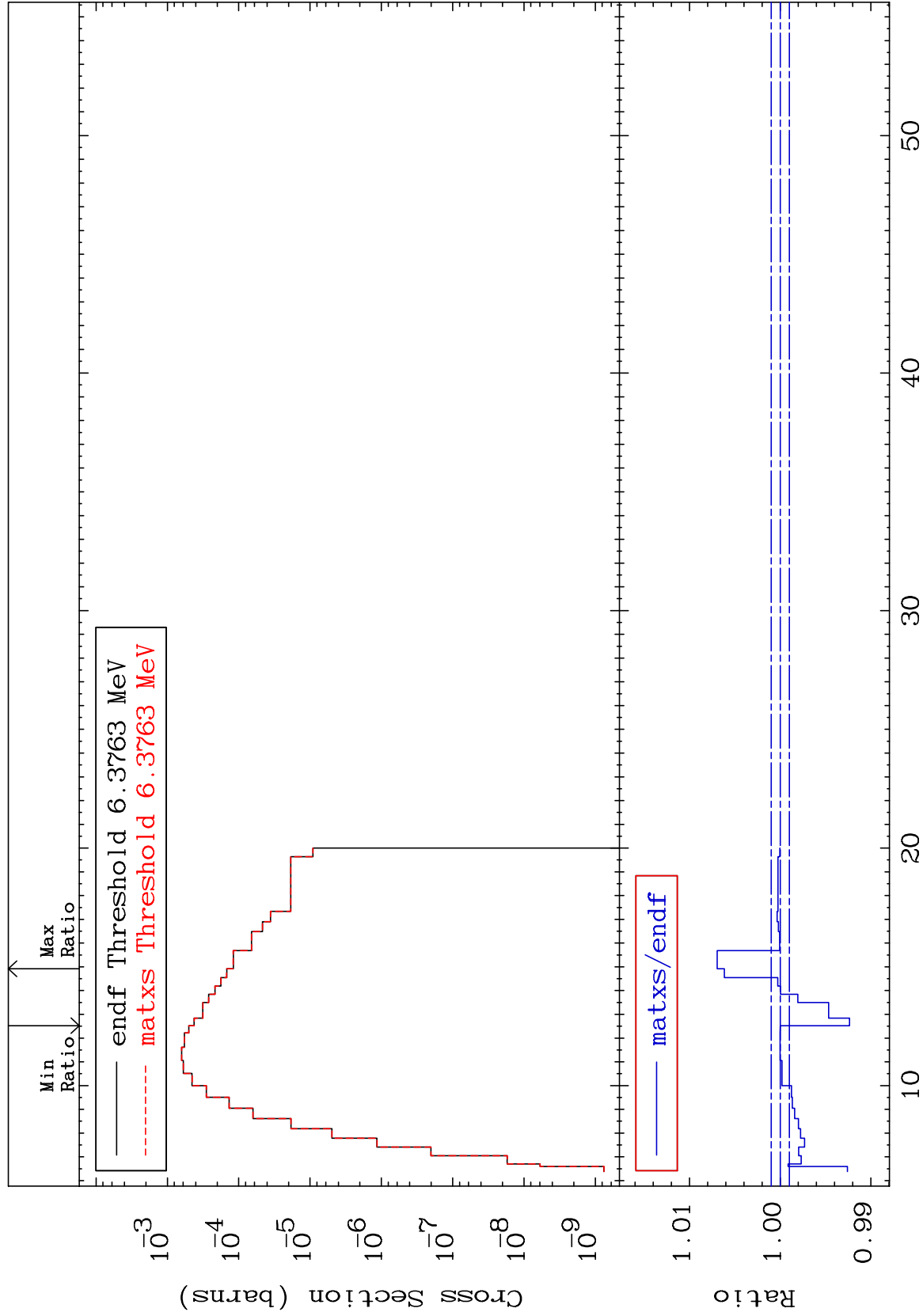
Incident Energy (MeV)

20-Ca-44

MAT 2037

1.635 MeV (n,α') Level
Cross Section

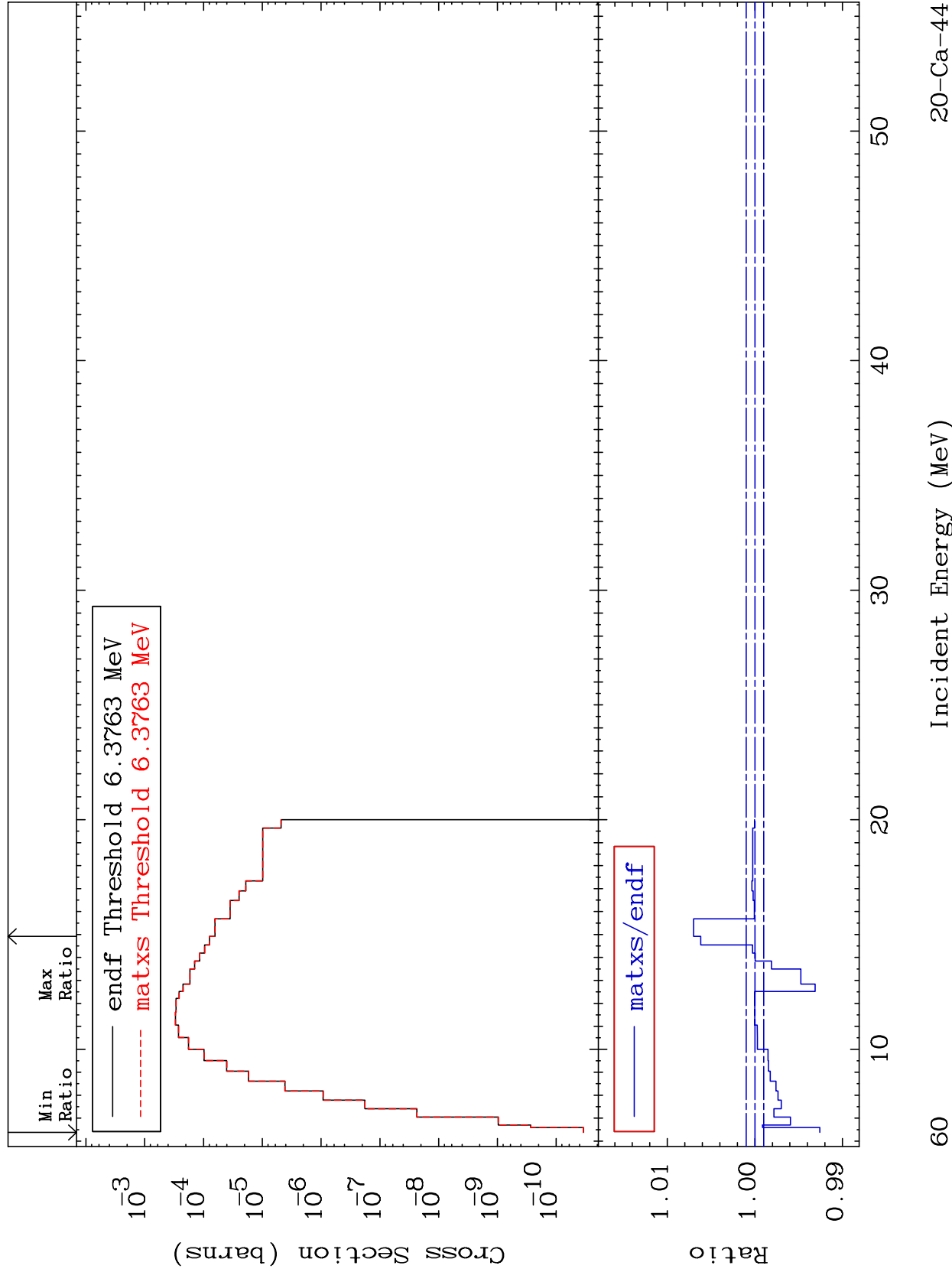
20-Ca-44
-0.764 To 0.694 %



MAT 2037

1.869 MeV (n,α') Level
Cross Section

20-Ca-44
-0.741 To 0.699 %



60

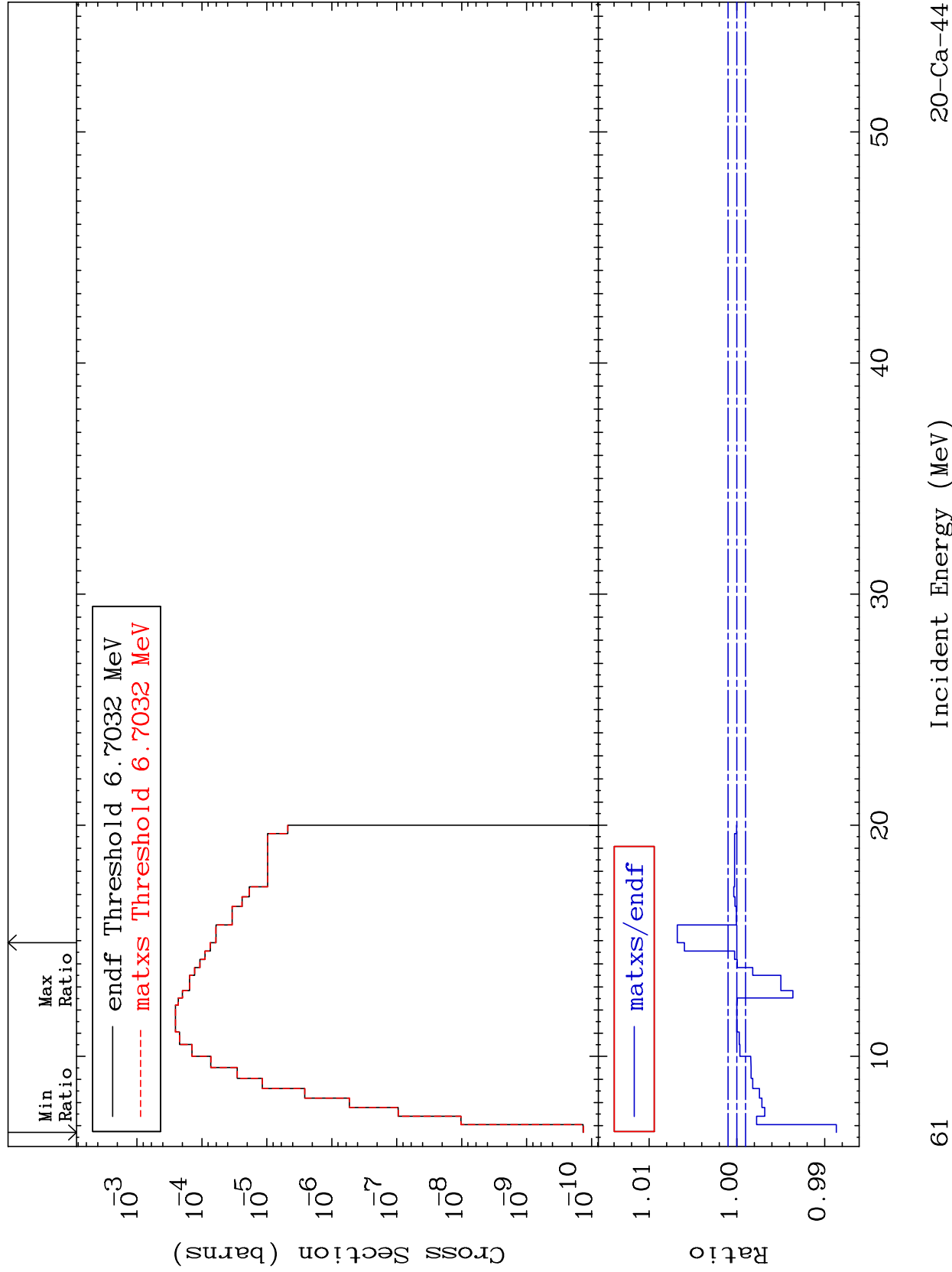
Incident Energy (MeV)

20-Ca-44

MAT 2037

1.985 MeV (n,α') Level
Cross Section

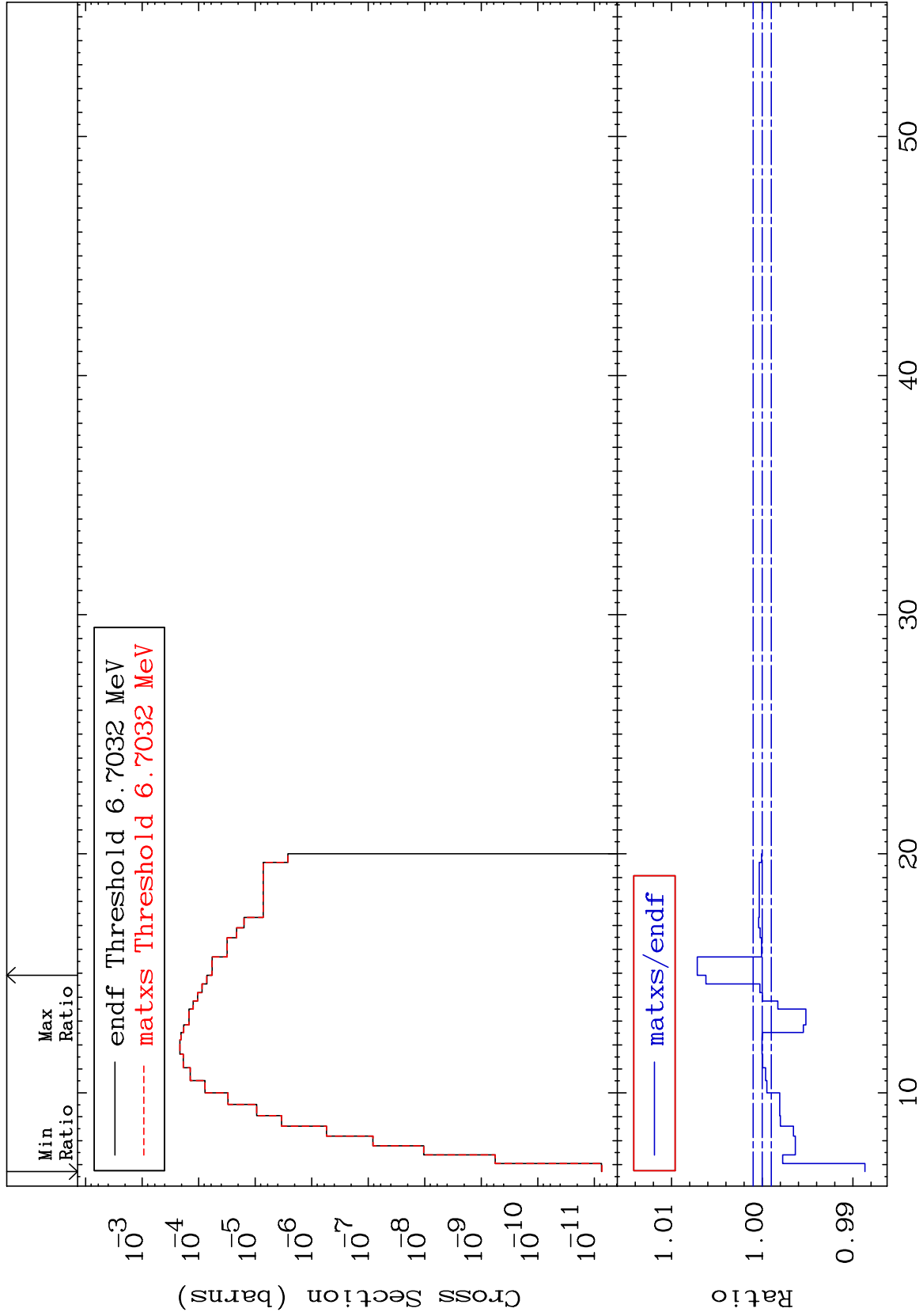
20-Ca-44
-1.133 To 0.680 %



MAT 2037

2.321 MeV (n,α') Level
Cross Section

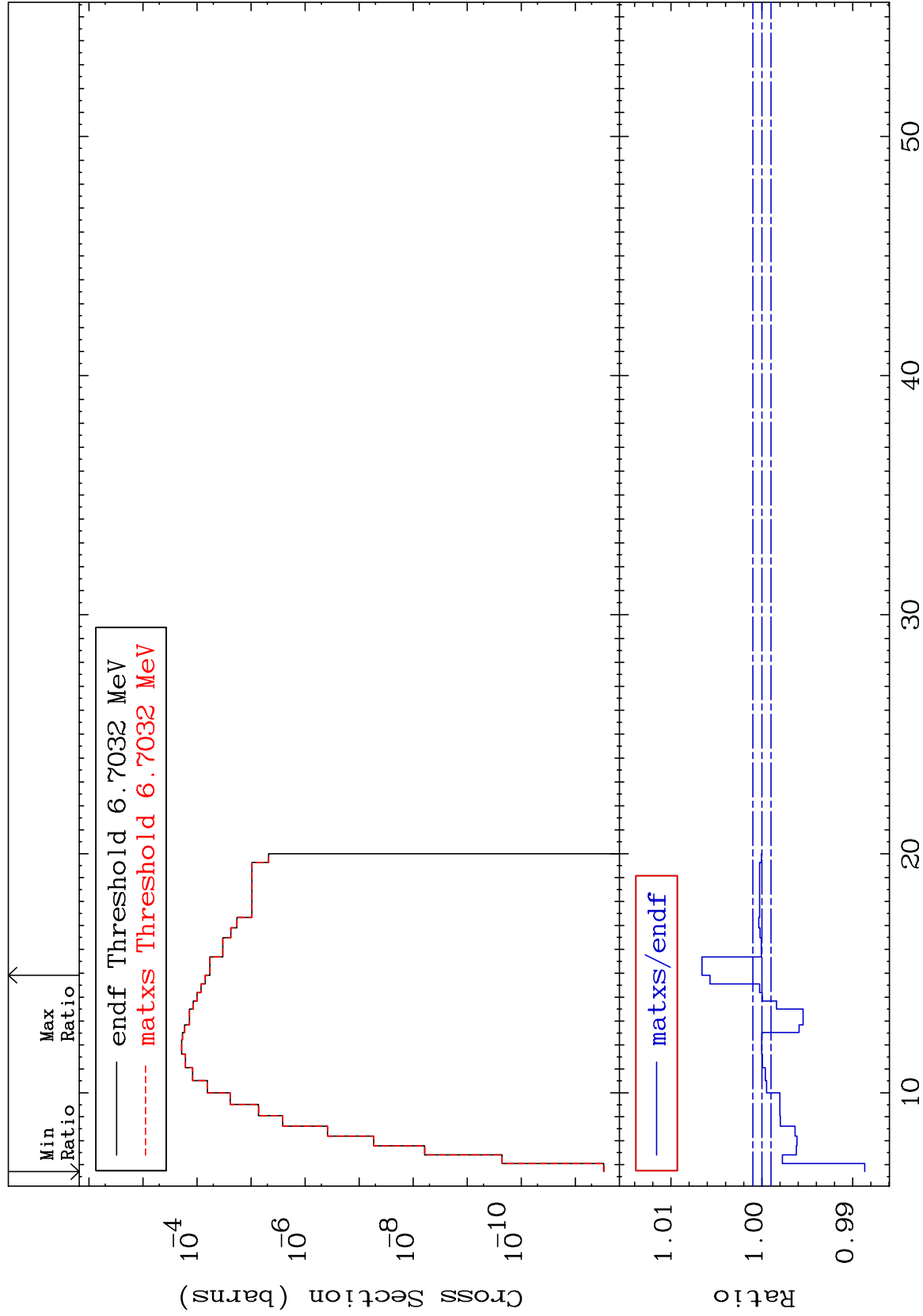
20-Ca-44
-1.132 To 0.716 %



MAT 2037

2.398 MeV (n,α') Level
Cross Section

20-Ca-44
-1.132 To 0.659 %



63

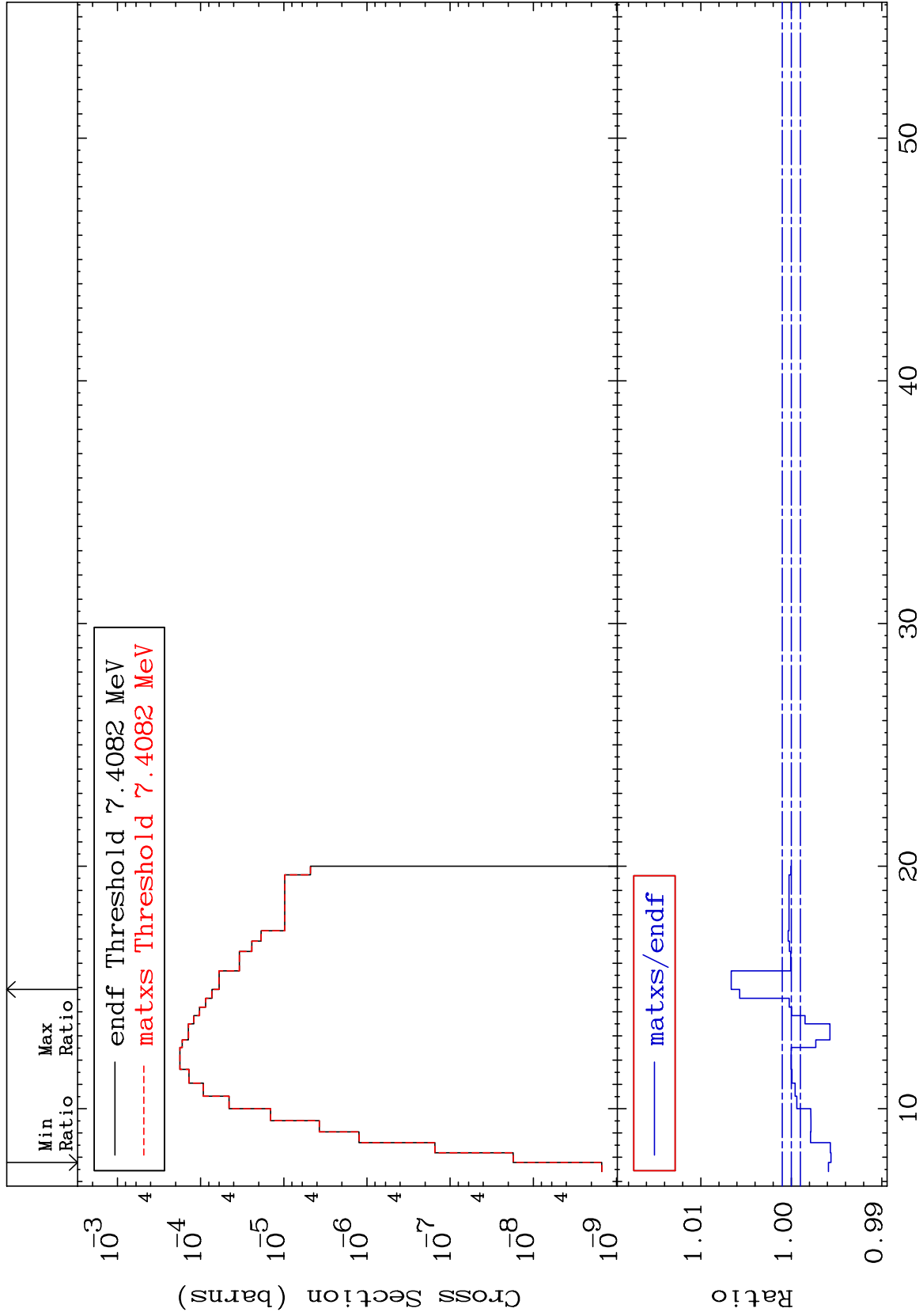
Incident Energy (MeV)

20-Ca-44

MAT 2037

2.569 MeV (n,α') Level
Cross Section

20-Ca-44
-0.439 To 0.663 %



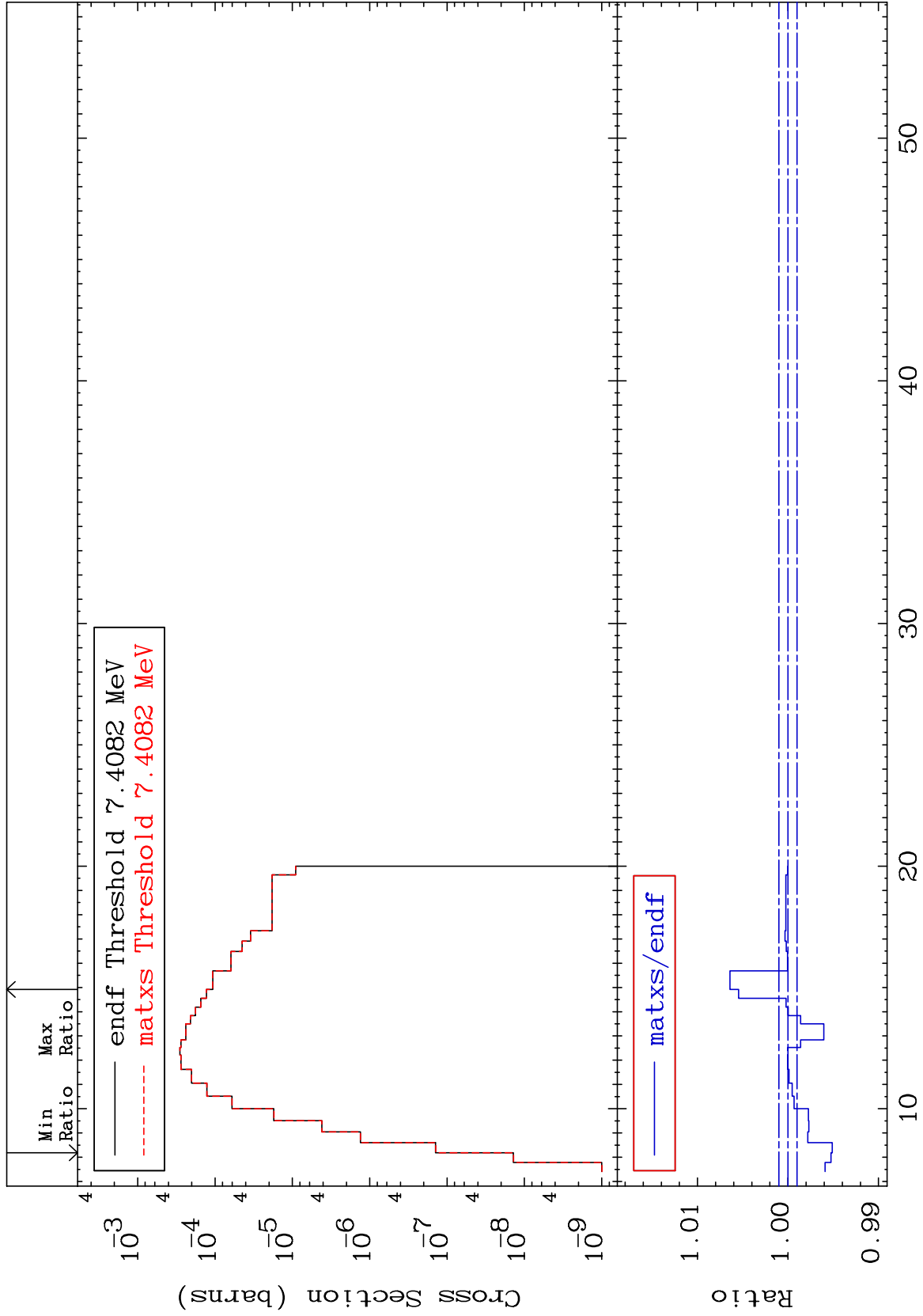
64

20-Ca-44

MAT 2037

2.695 MeV (n,α') Level
Cross Section

20-Ca-44
-0.489 To 0.641 %



65

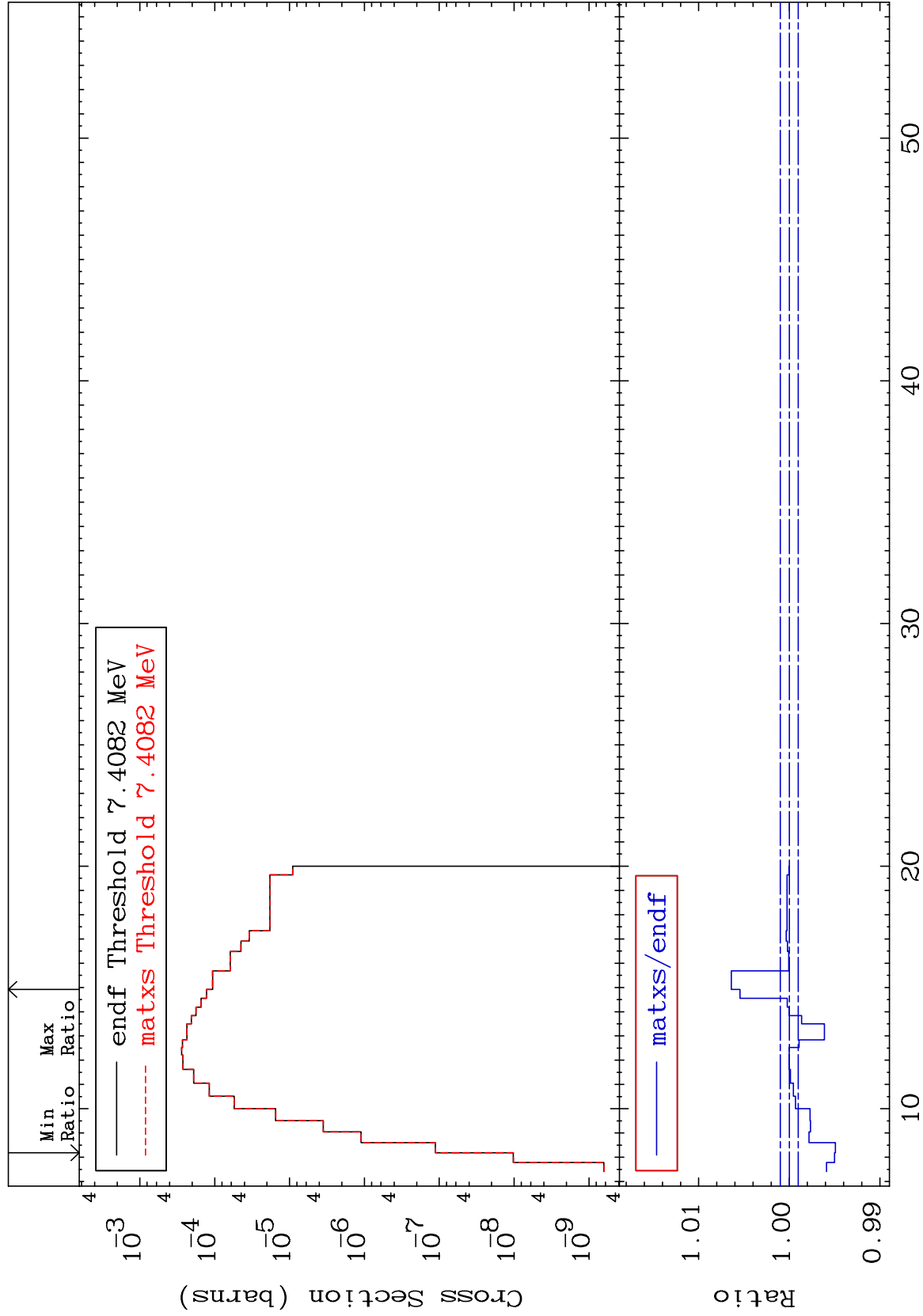
Incident Energy (MeV)

20-Ca-44

MAT 2037

2.733 MeV (n, α') Level
Cross Section

20-Ca-44
-0.509 To 0.639 %



66

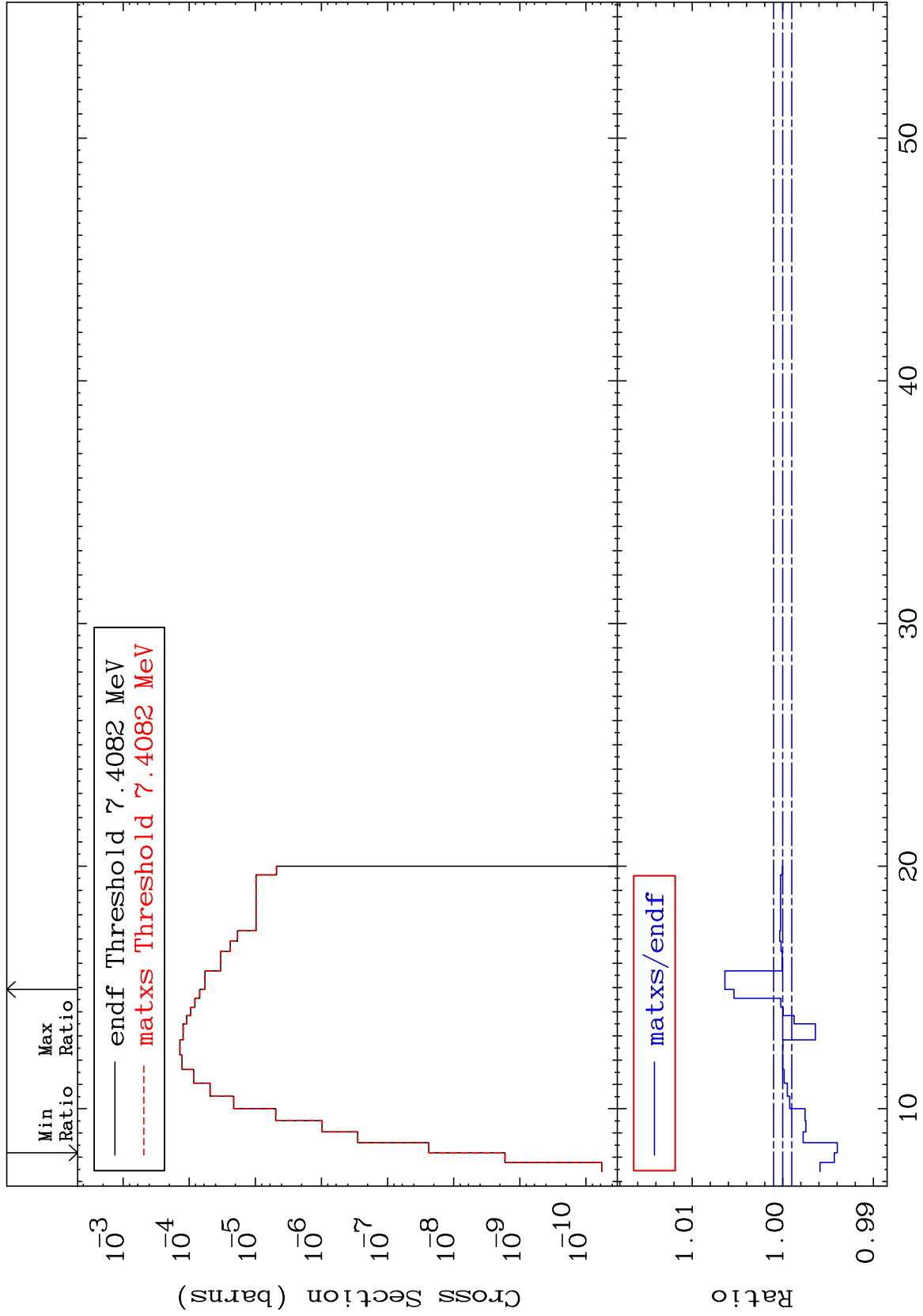
Incident Energy (MeV)

20-Ca-44

MAT 2037

2.890 MeV (n,α') Level
Cross Section

20-Ca-44
-0.603 To 0.639 %



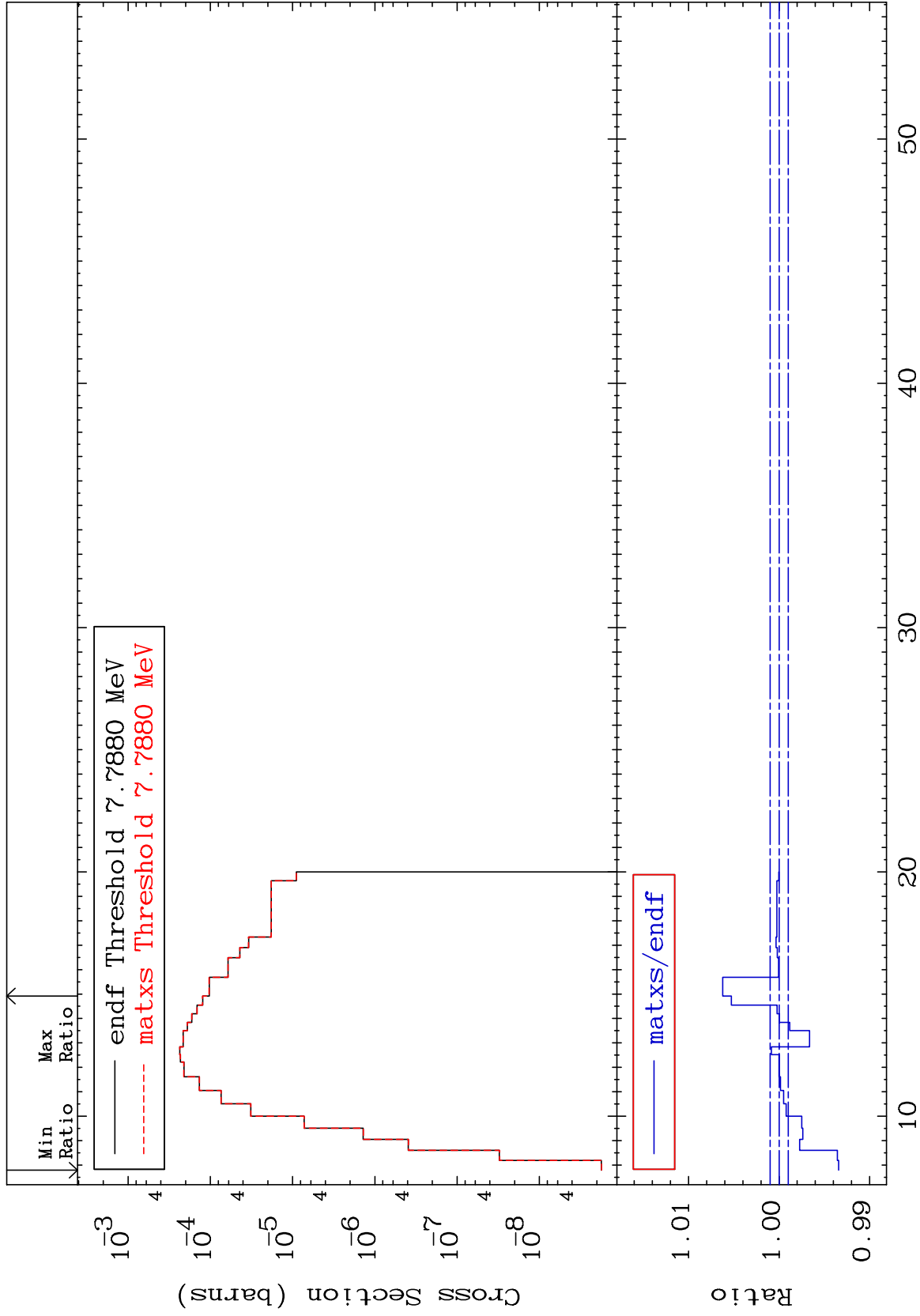
67

20-Ca-44

MAT 2037

2.948 MeV (n,α') Level
Cross Section

20-Ca-44
-0.657 To 0.624 %



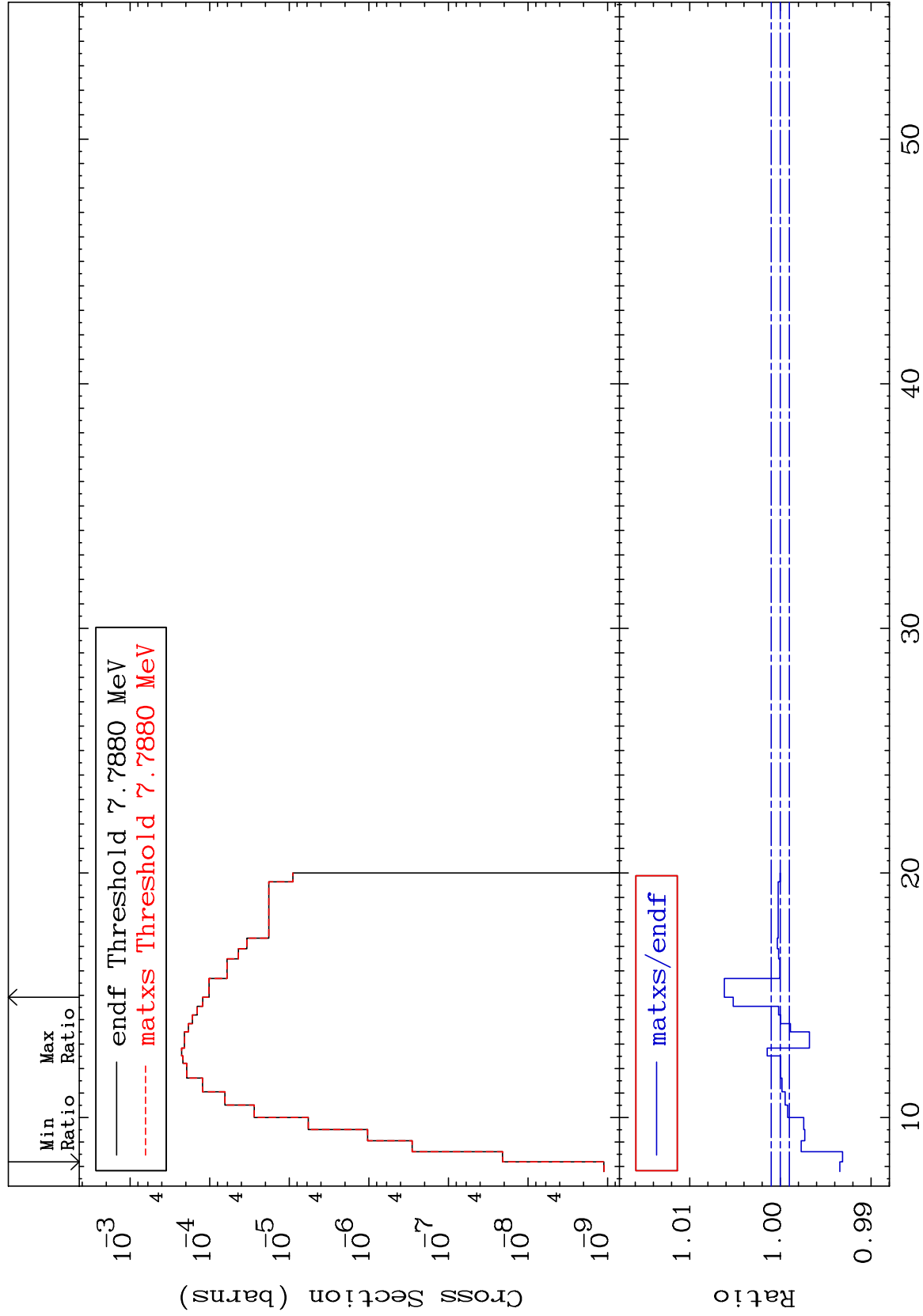
68

20-Ca-44

MAT 2037

3.010 MeV (n,α') Level
Cross Section

20-Ca-44
-0.685 To 0.618 %



69

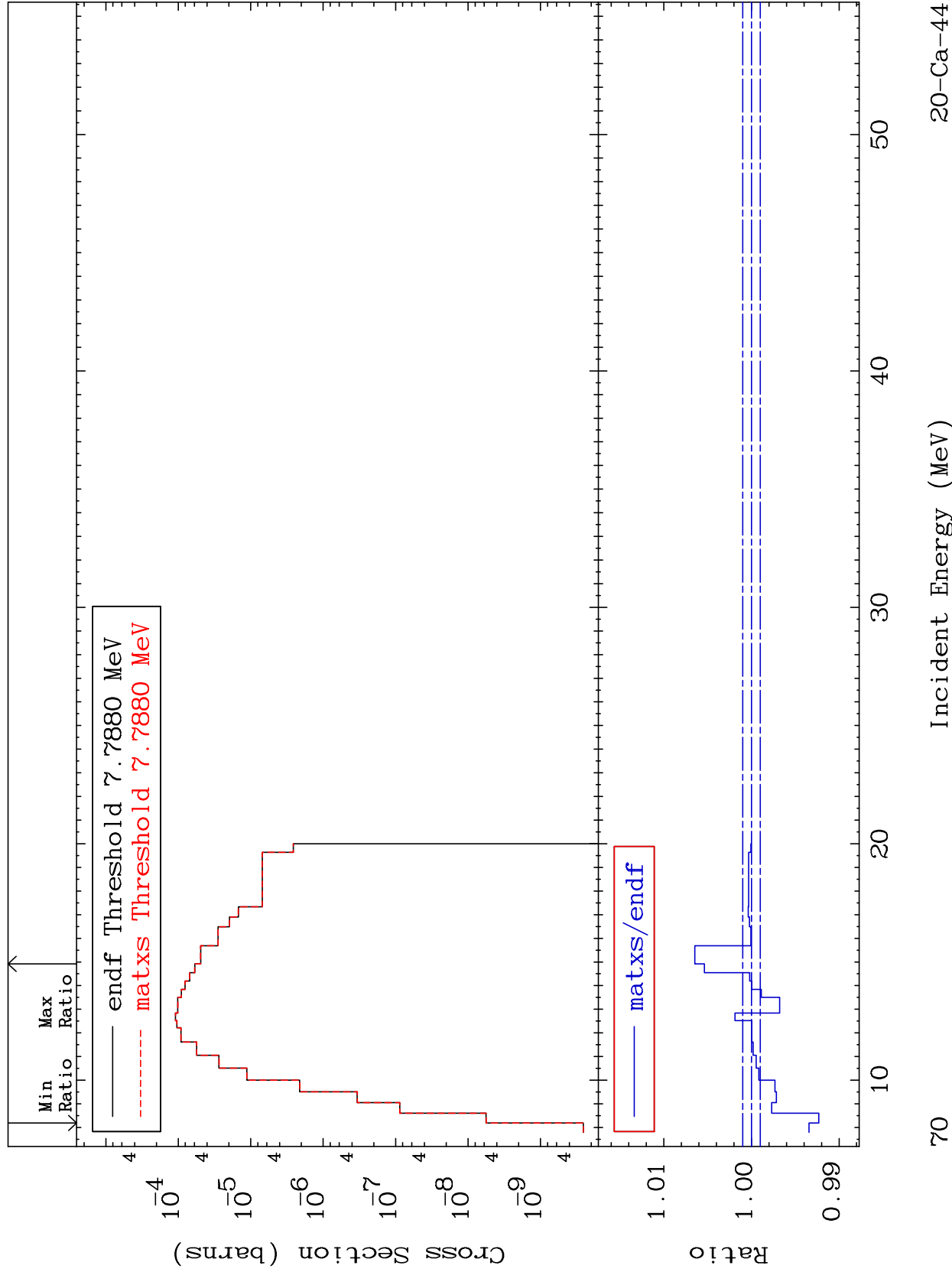
Incident Energy (MeV)

20-Ca-44

MAT 2037

3.122 MeV (n, α') Level
Cross Section

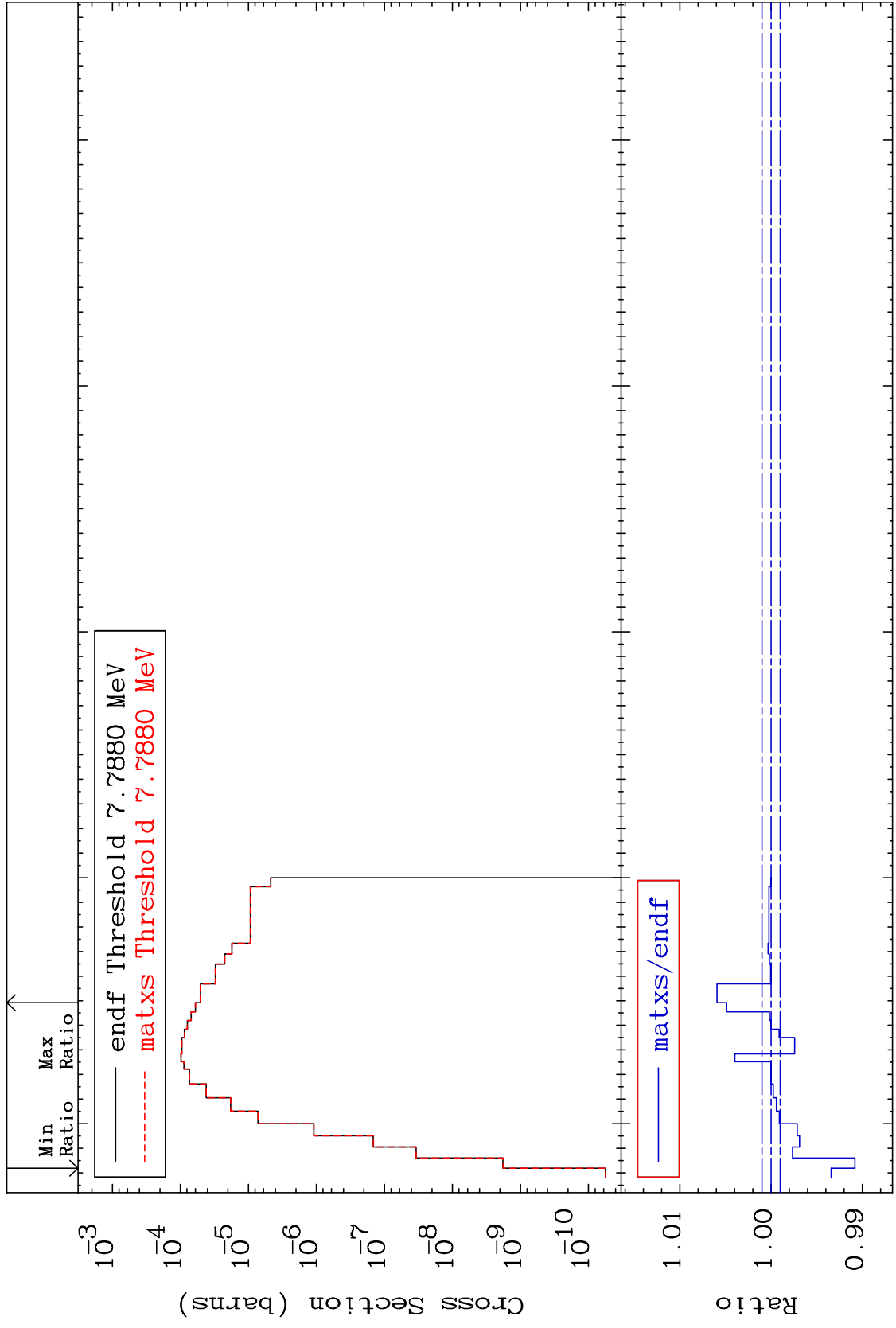
20-Ca-44
-0.767 To 0.648 %



MAT 2037

3.285 MeV (n,α') Level
Cross Section

20-Ca-44
-0.917 To 0.594 %



71

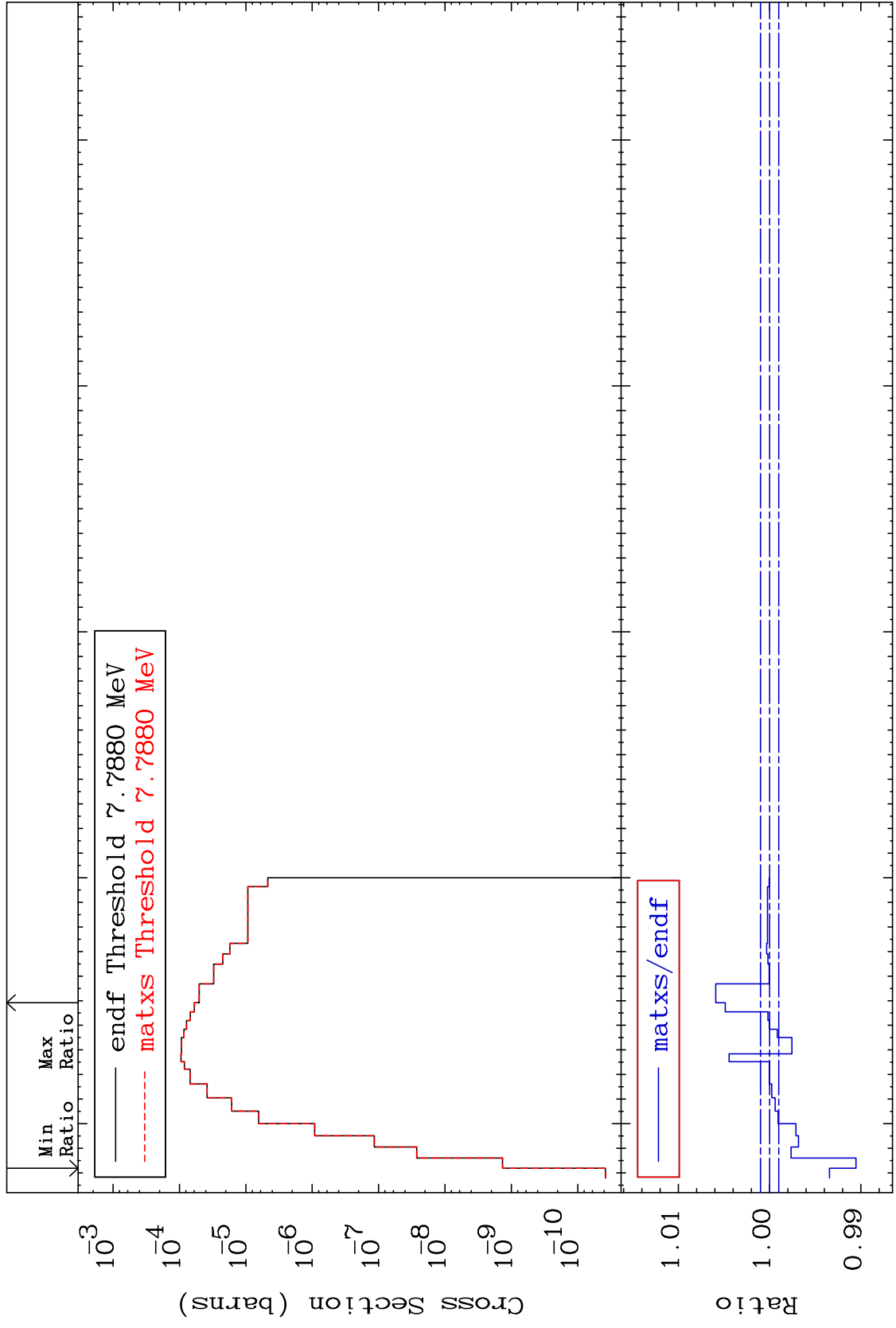
Incident Energy (MeV)

20-Ca-44

MAT 2037

3.327 MeV (n,α') Level
Cross Section

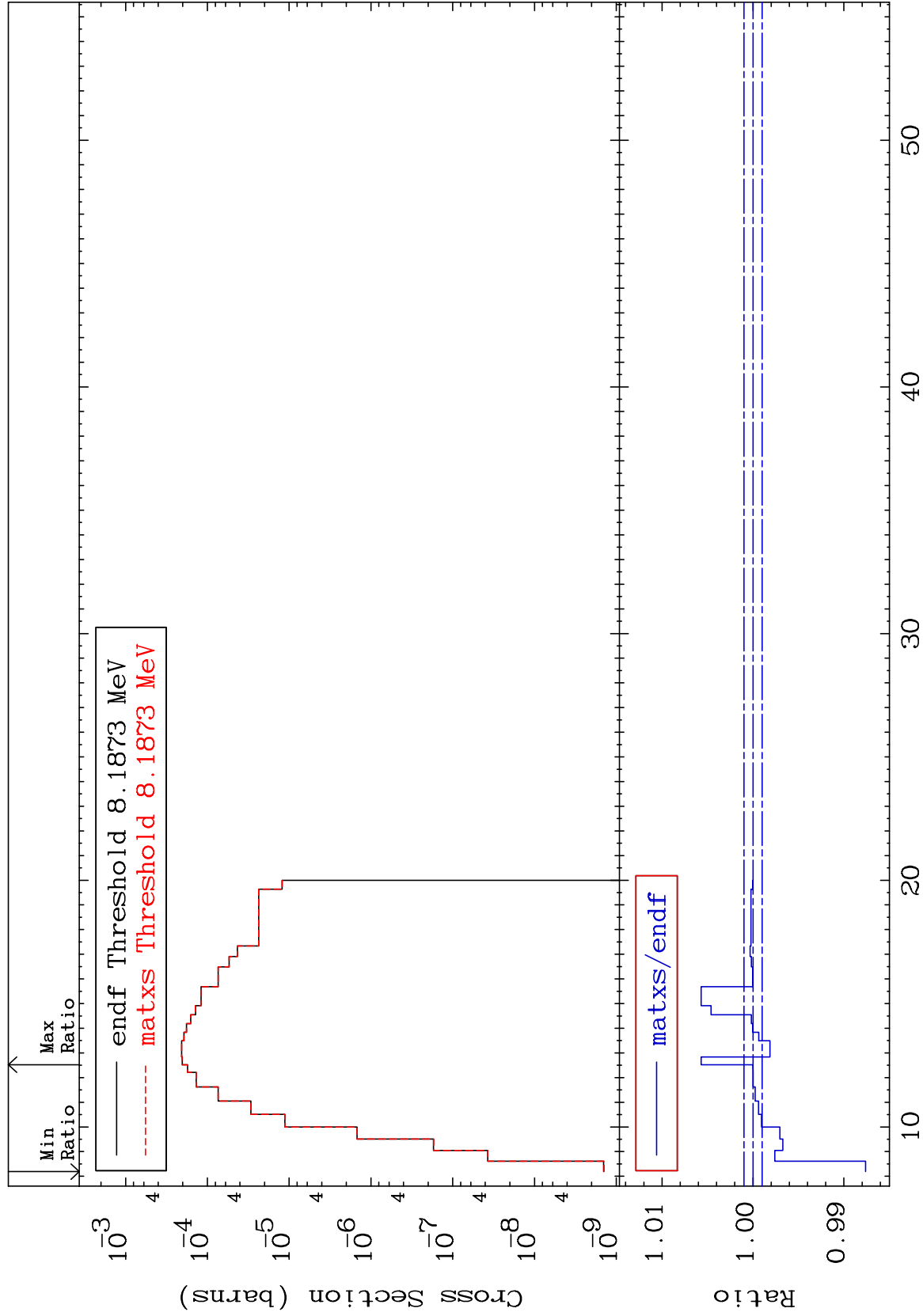
20-Ca-44
-0.947 To 0.590 %



MAT 2037

3.386 MeV (n,α') Level
Cross Section

20-Ca-44
-1.238 To 0.570 %



73

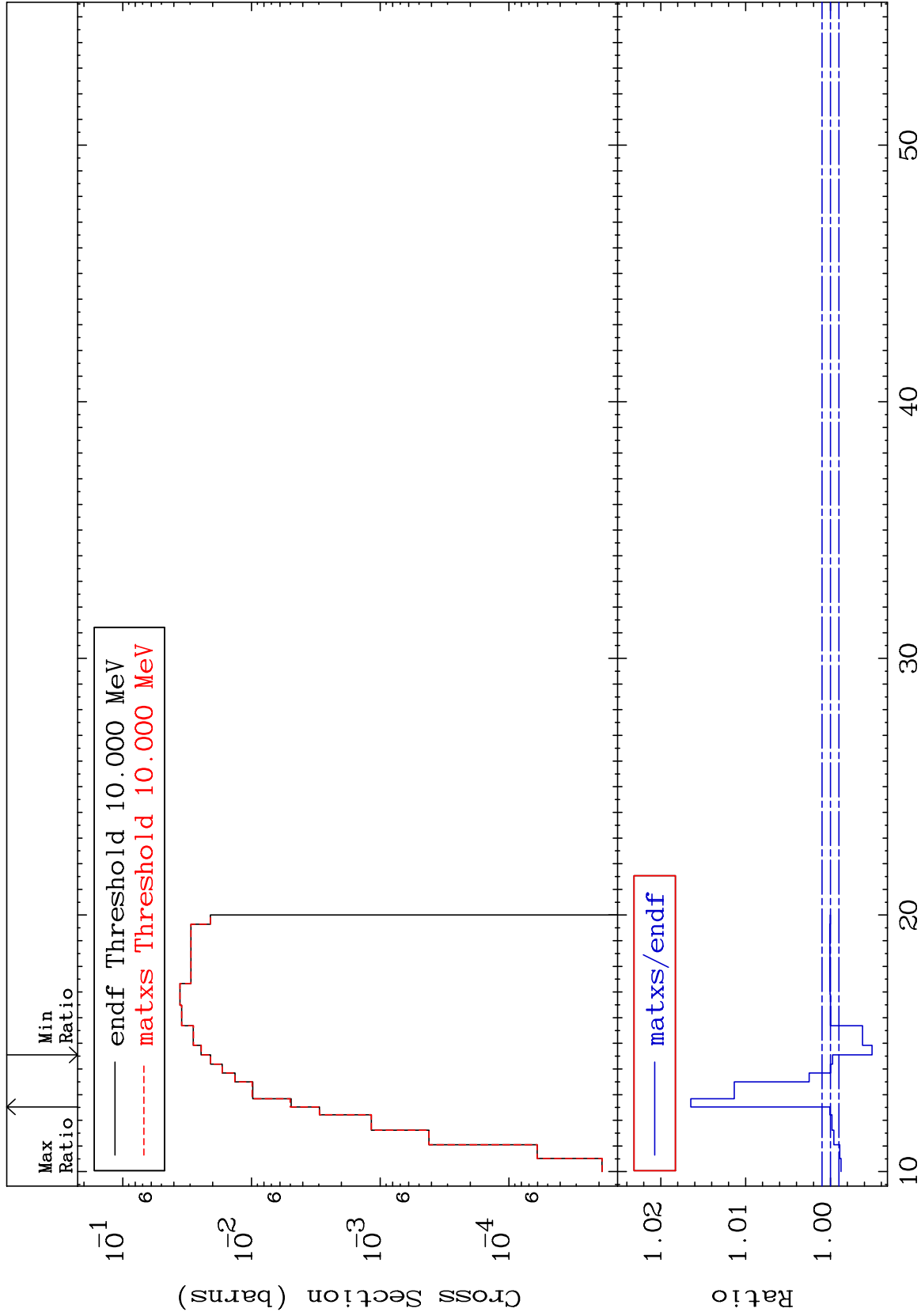
Incident Energy (MeV)

20-Ca-44

MAT 2037

3.968 MeV (n,α') Level
Cross Section

20-Ca-44
-0.490 To 1.646 %



74

Incident Energy (MeV)

20-Ca-44