

Program Complot
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

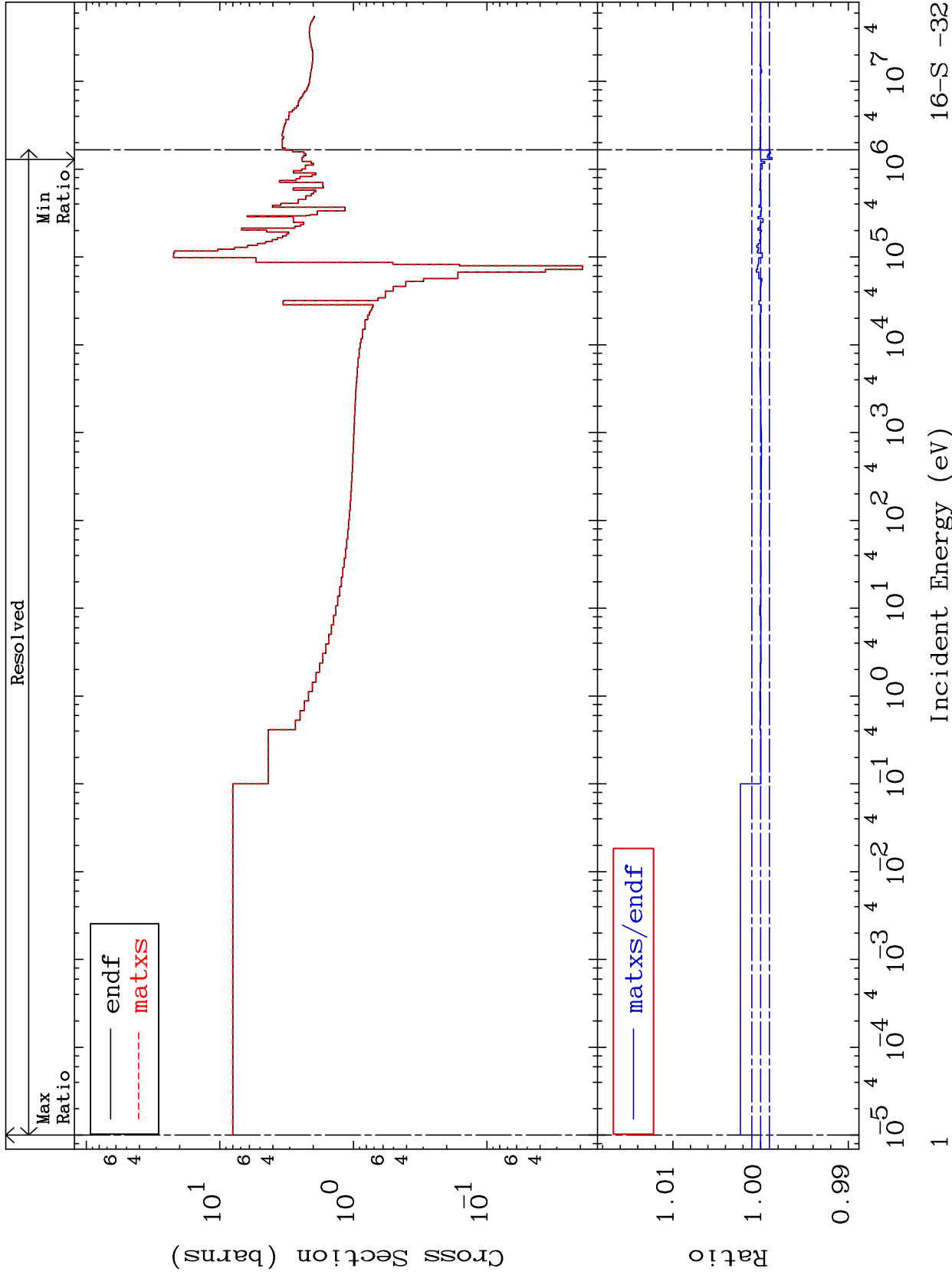
Web: home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 1625

Total
Cross Section

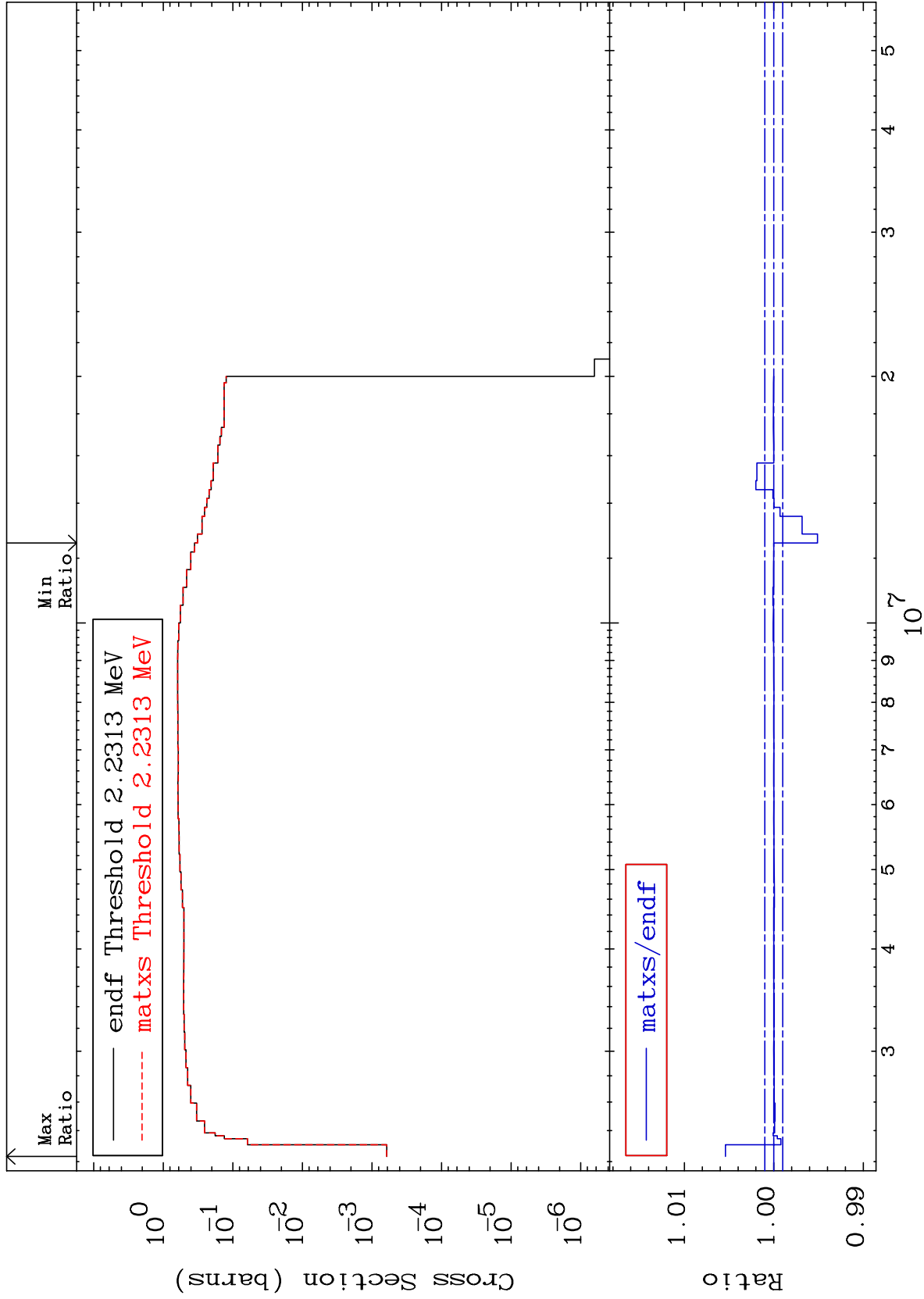
16-S -32
-0.131 To 0.230 %



MAT 1625

Inelastic
Cross Section

16-S -32
-0.487 To 0.542 %



2

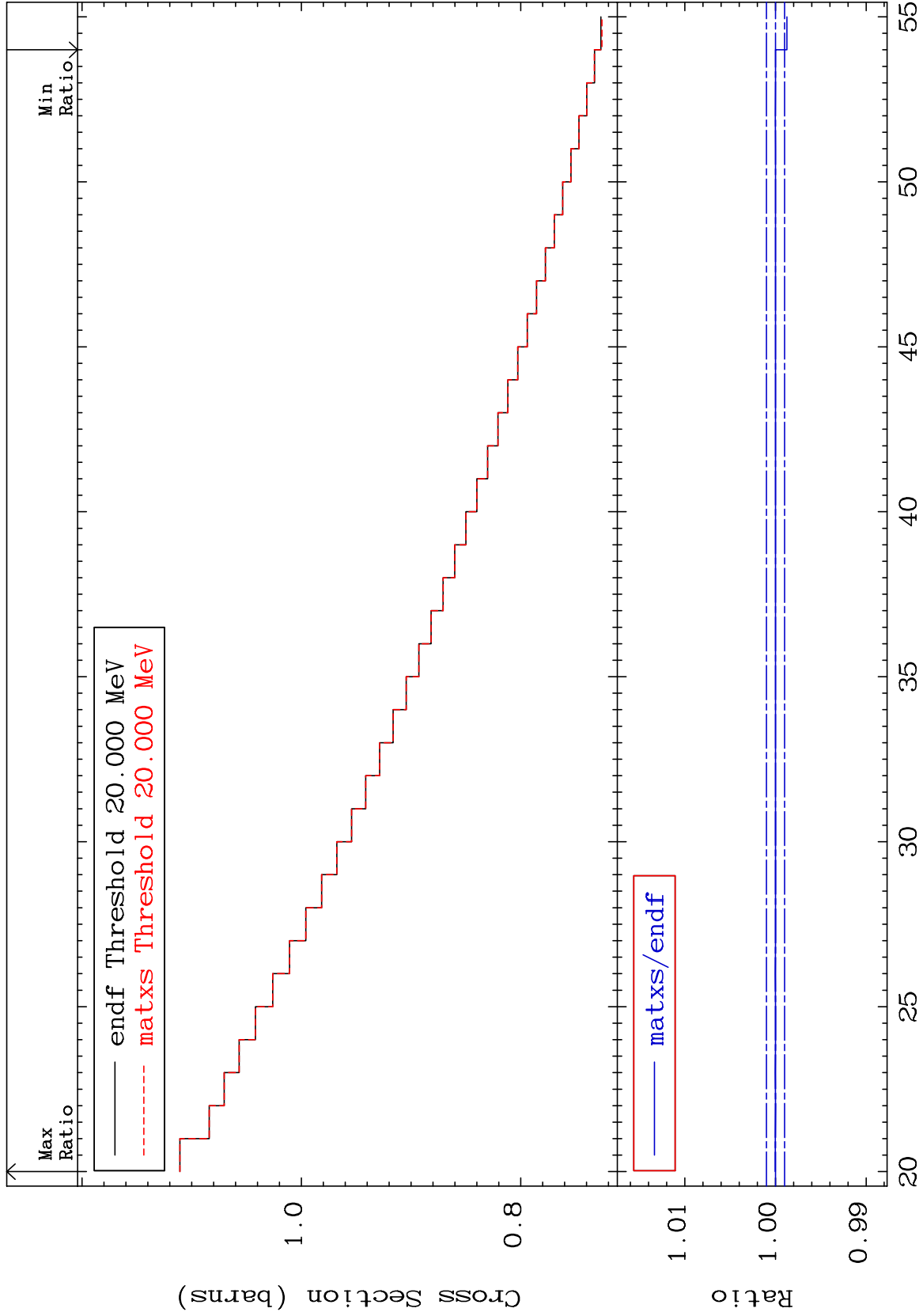
Incident Energy (eV)

16-S -32

MAT 1625

(n, remainder)
Cross Section

16-S -32
-0.127 To 0.002 %



3

Incident Energy (MeV)

16-S -32

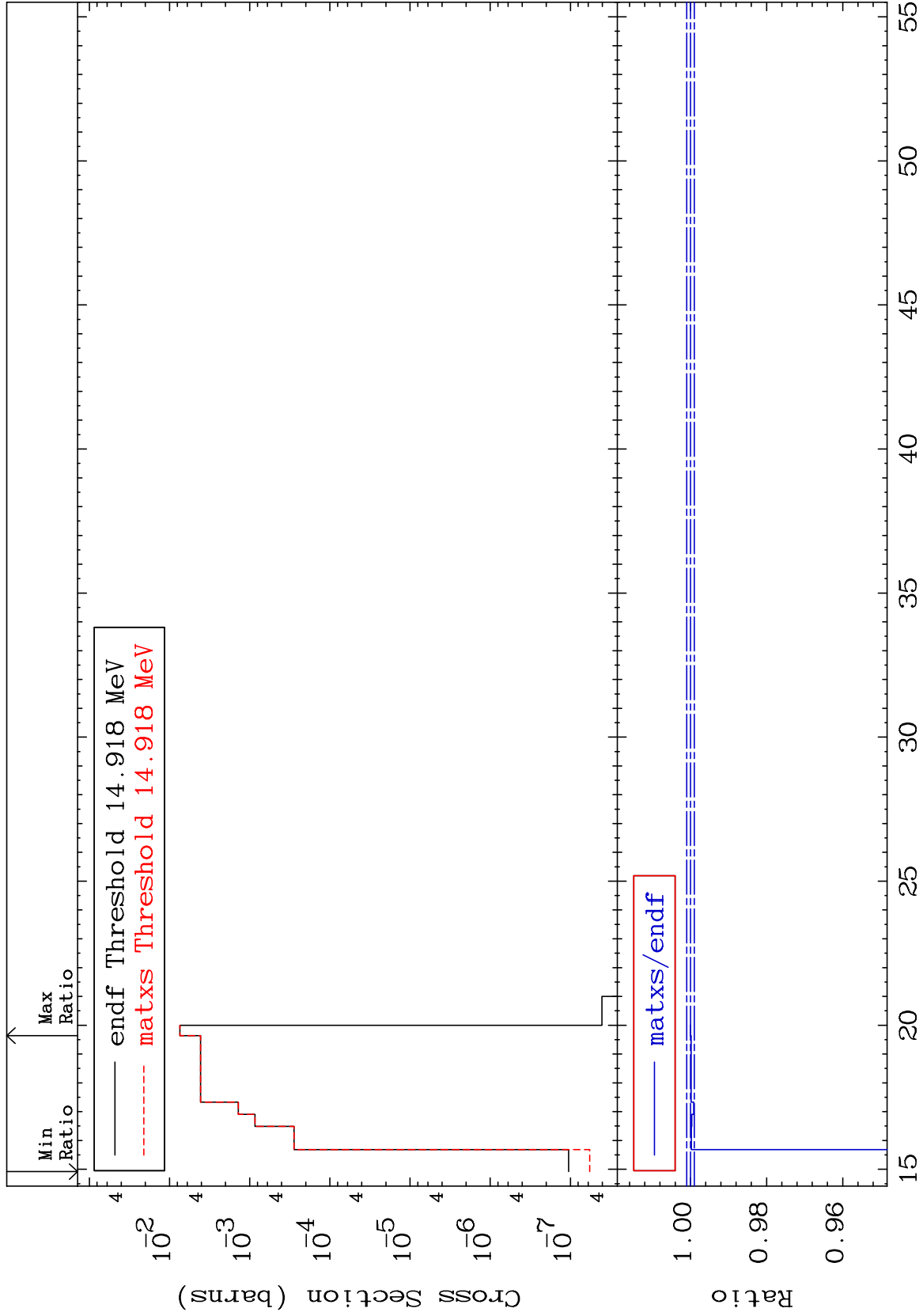
MAT 1625

(n, 2n)

16-S -32

Cross Section

-45.18 To -0.003%



4

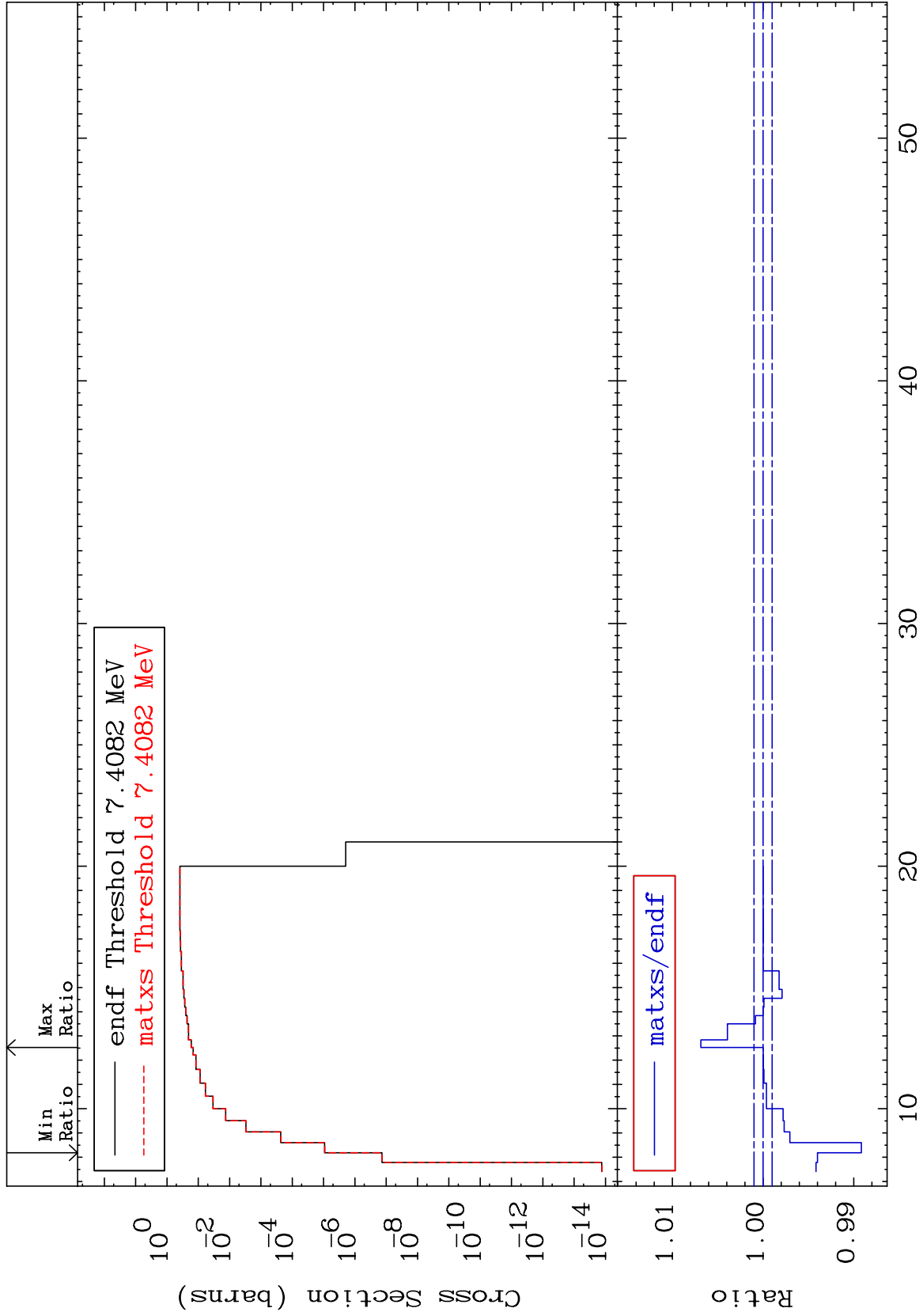
Incident Energy (MeV)

16-S -32

MAT 1625

(n, n') α
Cross Section

16-S -32
-1.084 To 0.686 %



5

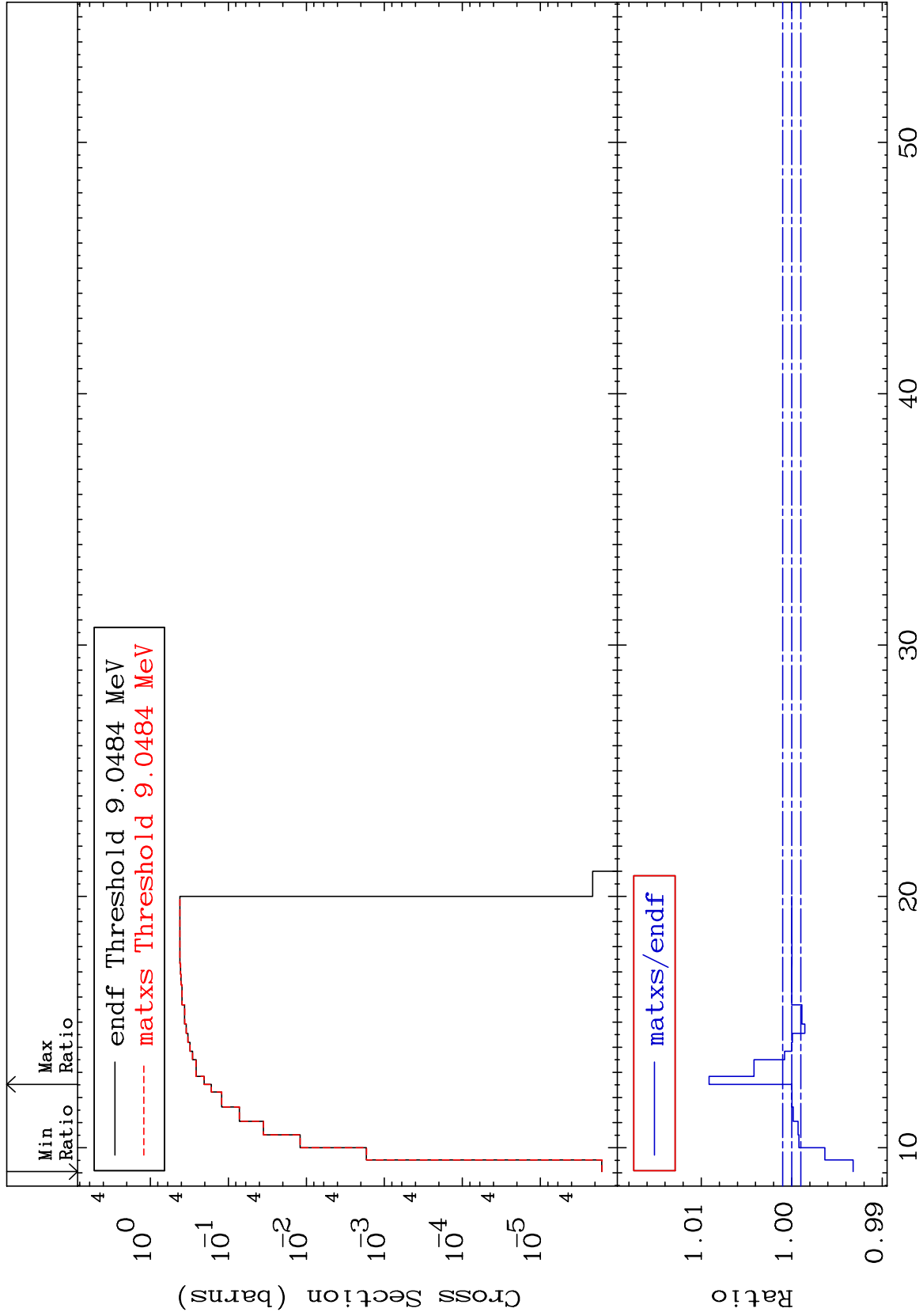
Incident Energy (MeV)

16-S -32

MAT 1625

(n, n') p
Cross Section

16-S -32
-0.679 To 0.913 %



6

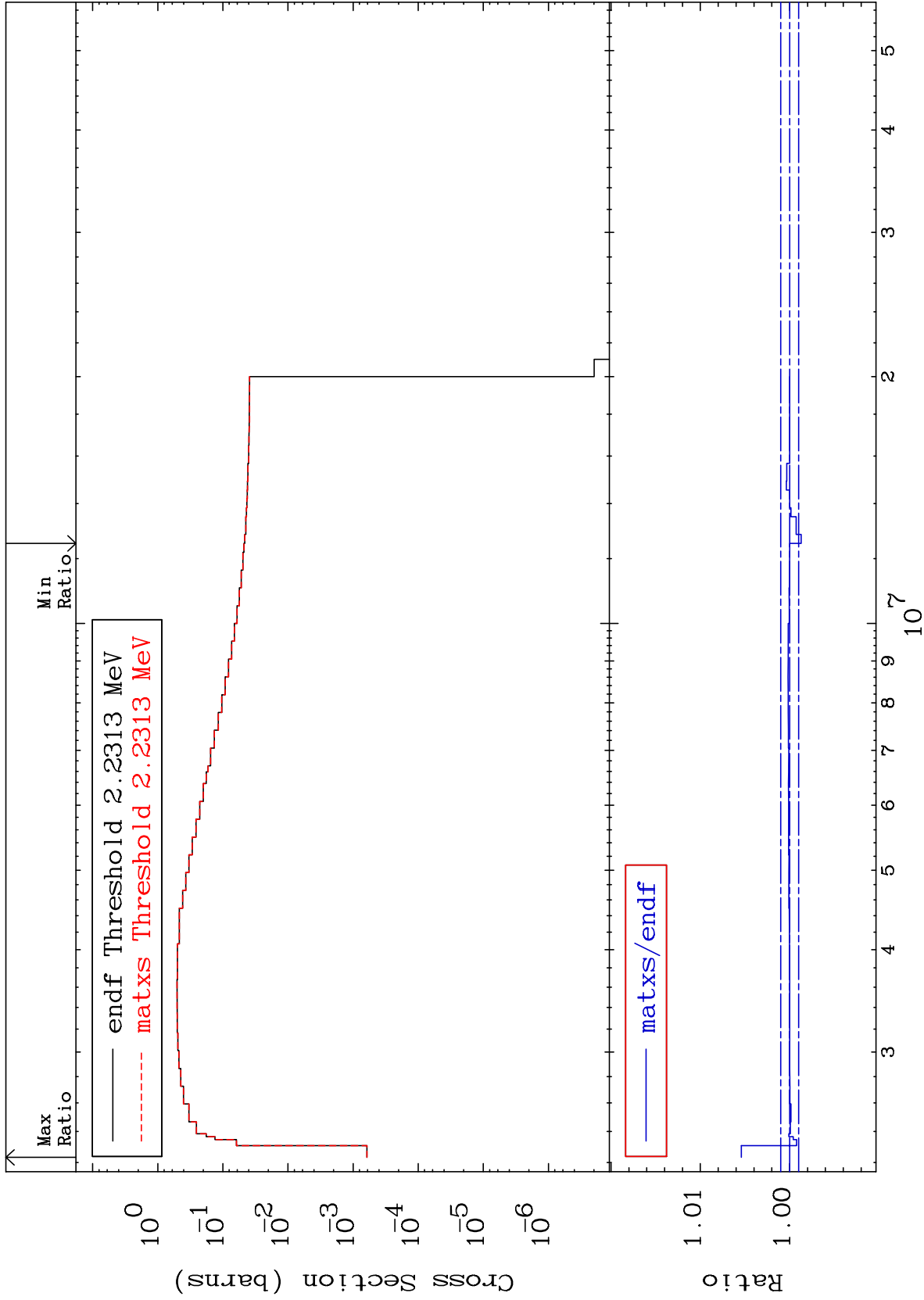
Incident Energy (MeV)

16-S -32

MAT 1625

2.230 MeV (n,n') Level
Cross Section

16-S -32
-0.130 To 0.542 %



7

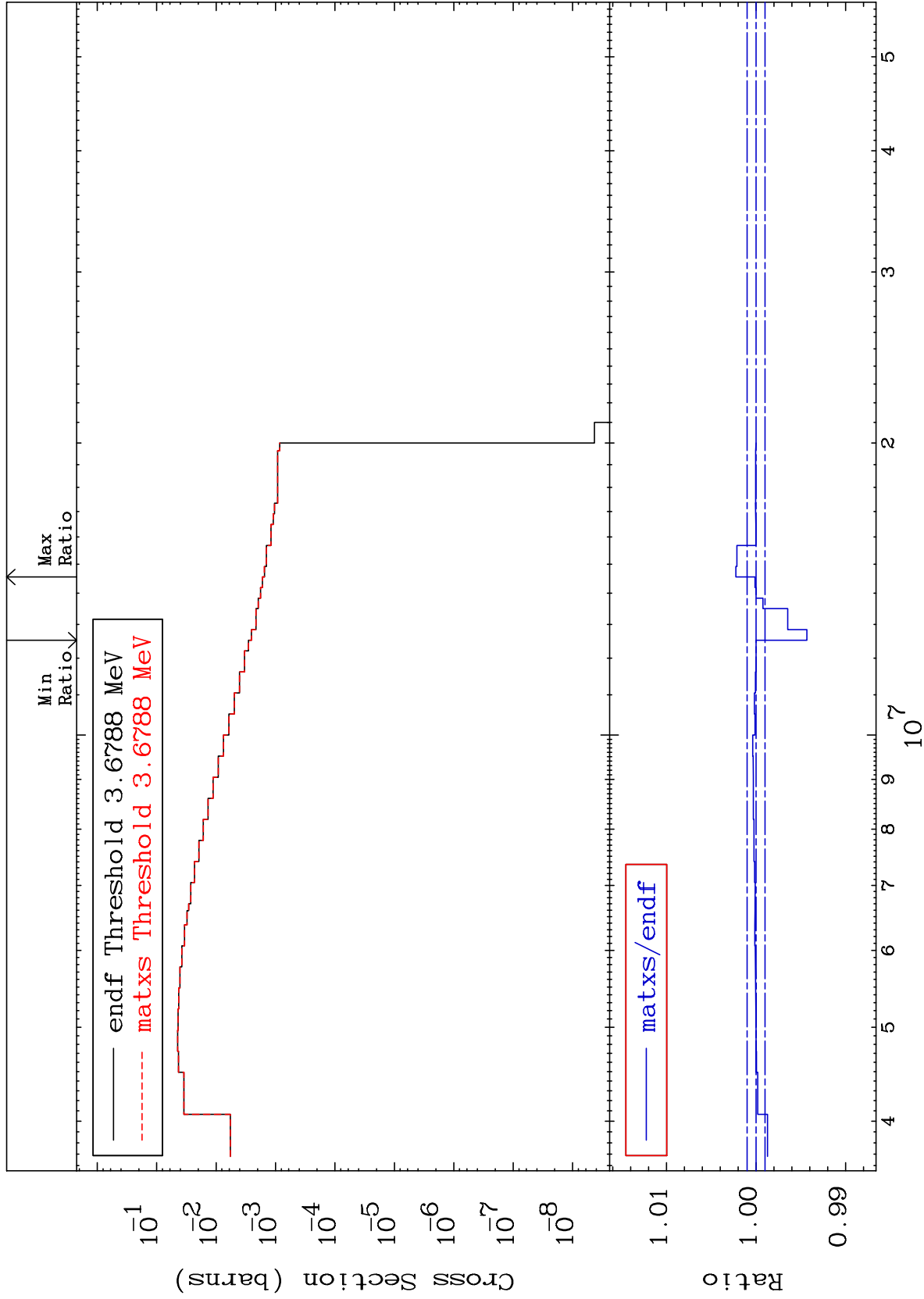
Incident Energy (eV)

16-S -32

MAT 1625

3.778 MeV (n,n') Level
Cross Section

16-S -32
-0.568 To 0.224 %



8

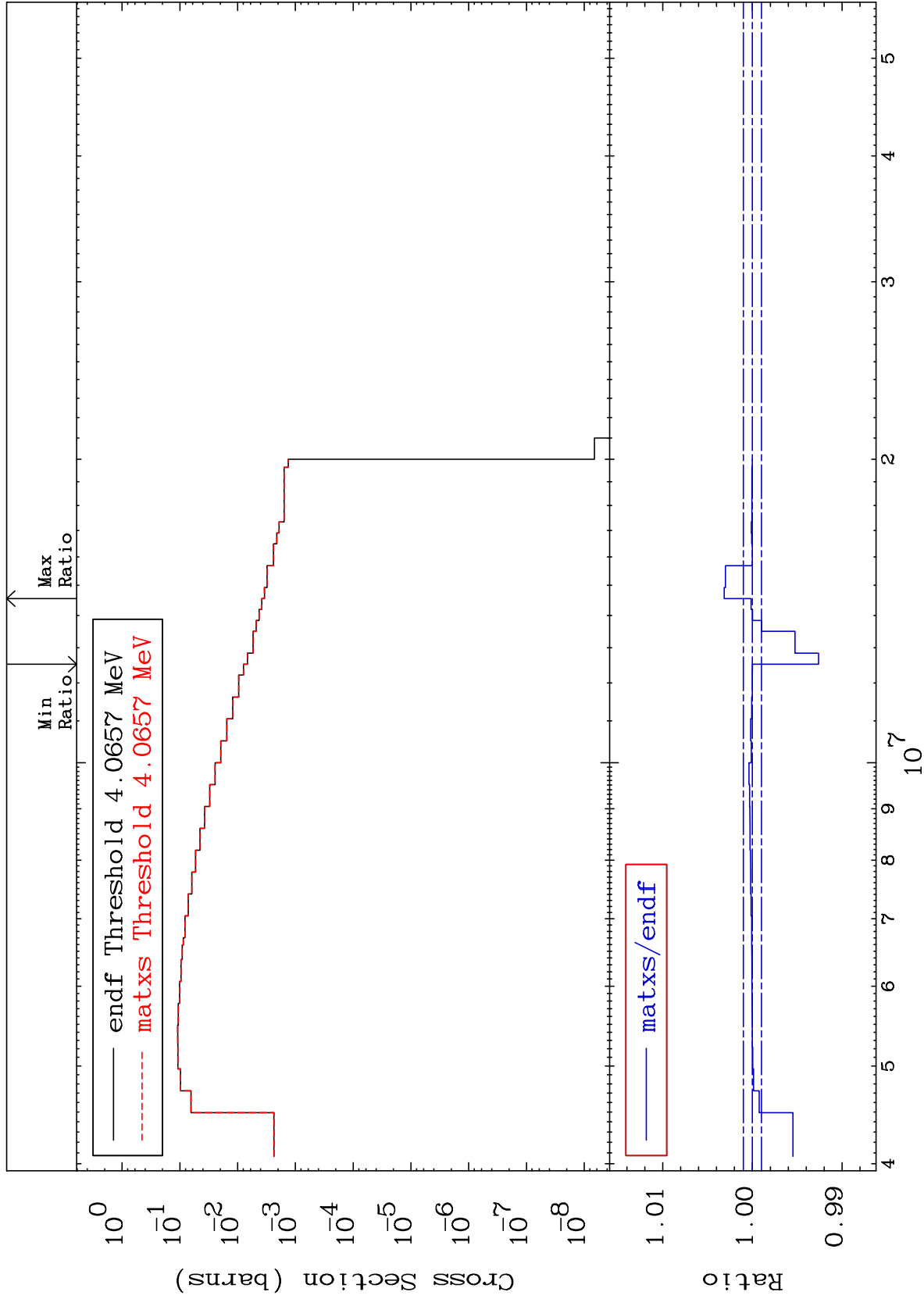
Incident Energy (eV)

16-S -32

MAT 1625

4.281 MeV (n,n') Level
Cross Section

16-S -32
-0.739 To 0.315 %



9

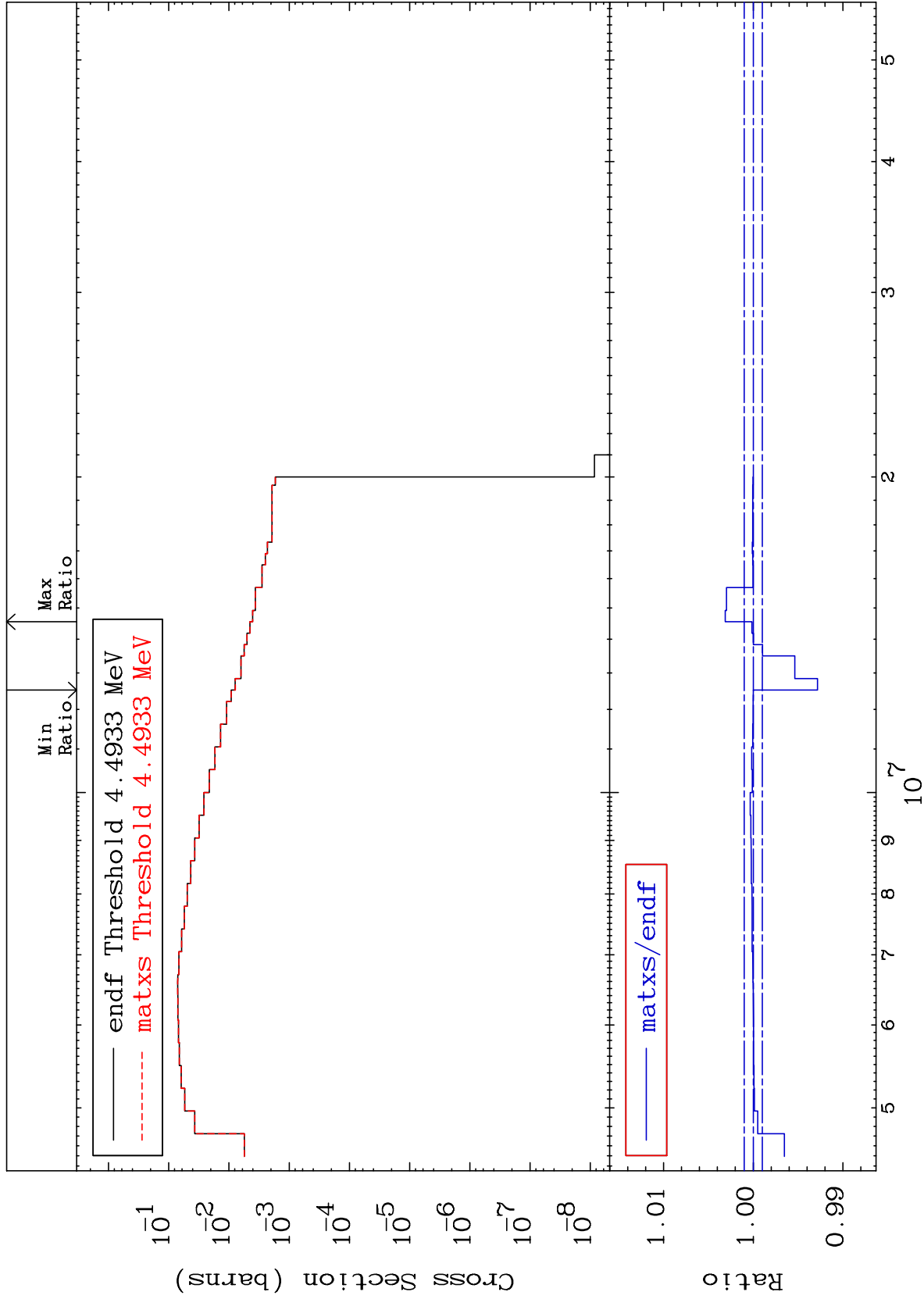
Incident Energy (eV)

16-S -32

MAT 1625

4.459 MeV (n,n') Level
Cross Section

16-S -32
-0.718 To 0.313 %



10

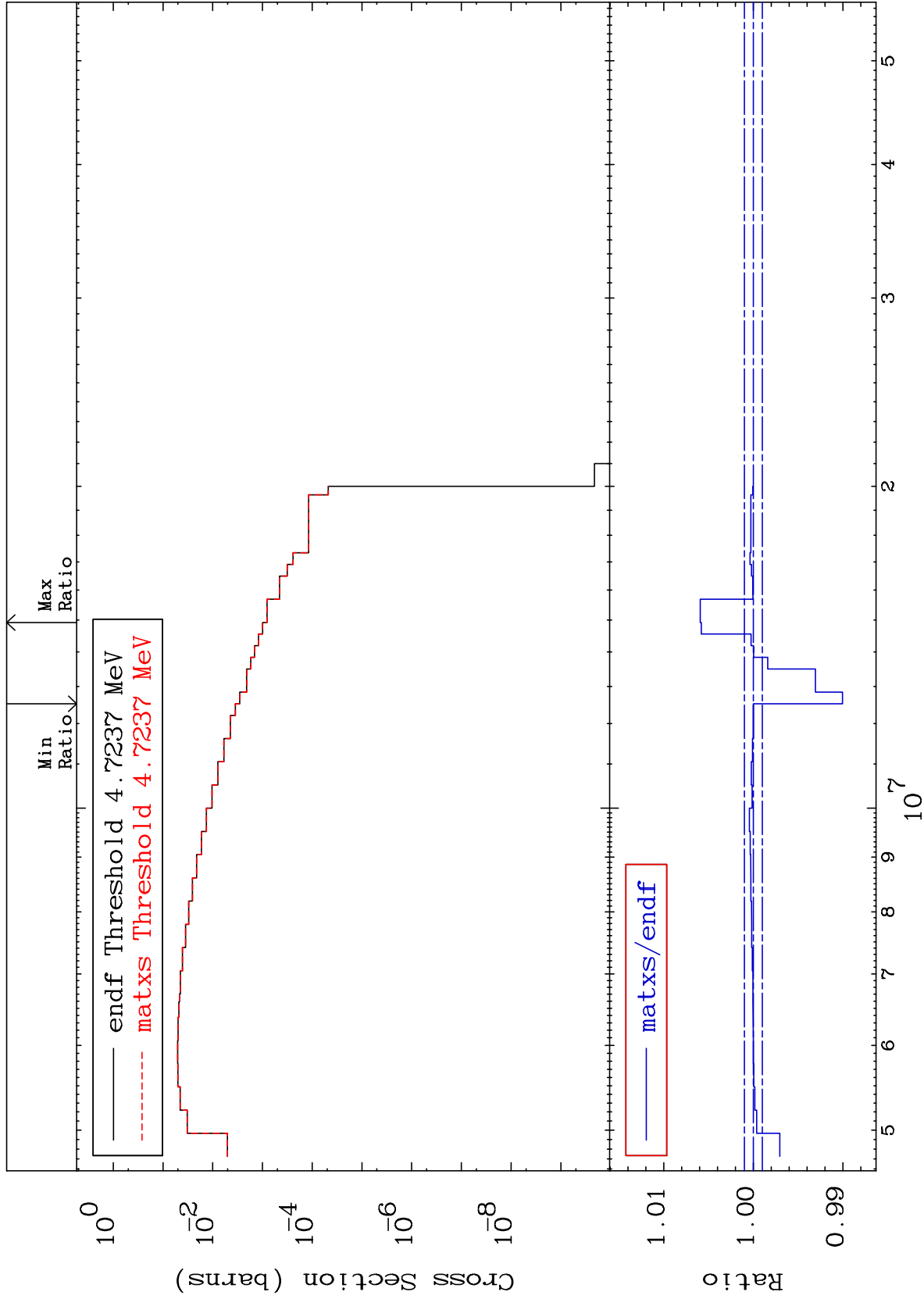
Incident Energy (eV)

16-S -32

MAT 1625

4.695 MeV (n,n') Level
Cross Section

16-S -32
-0.994 To 0.592 %



11

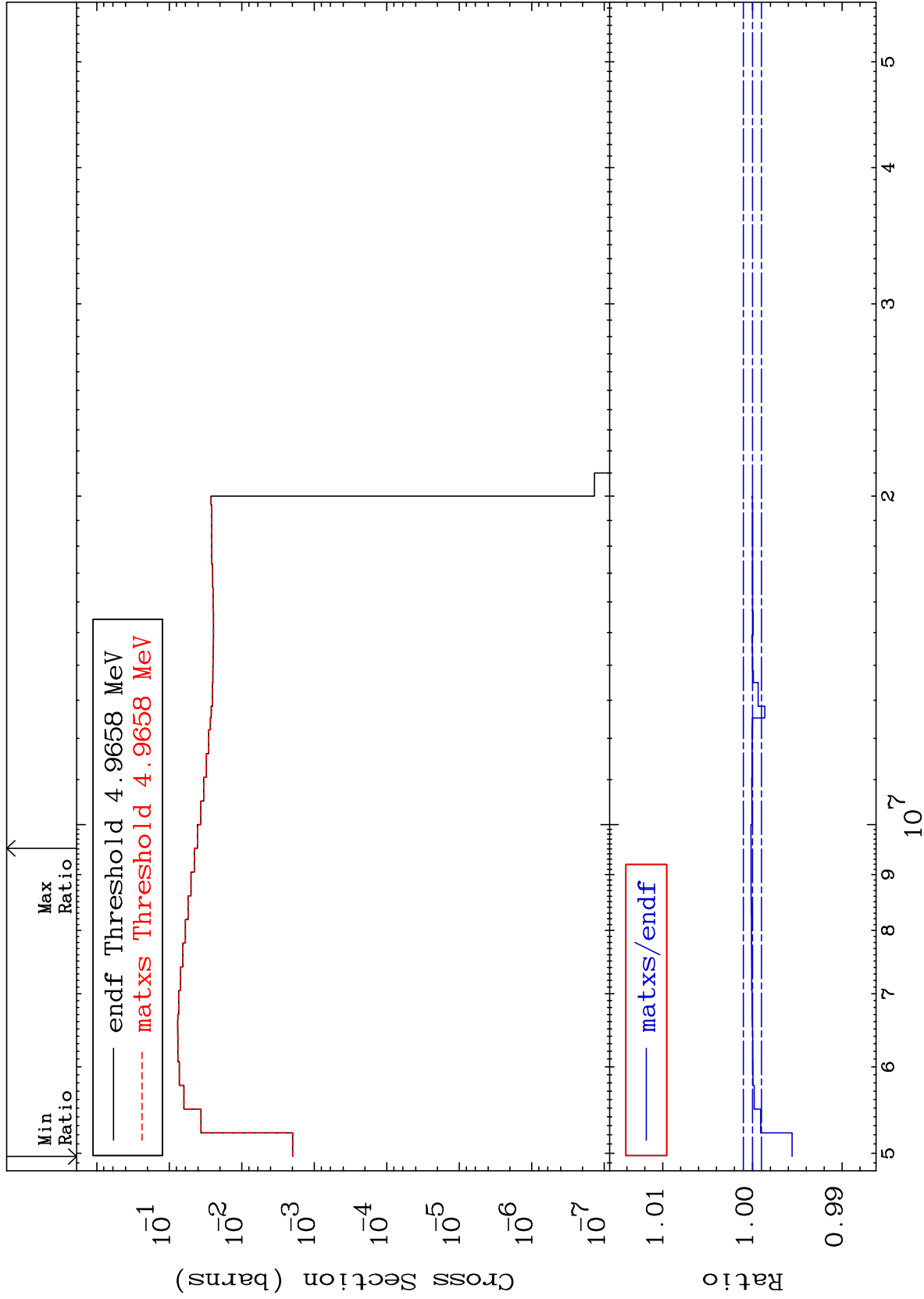
Incident Energy (eV)

16-S -32

MAT 1625

5.006 MeV (n,n') Level
Cross Section

16-S -32
-0.442 To 0.018 %



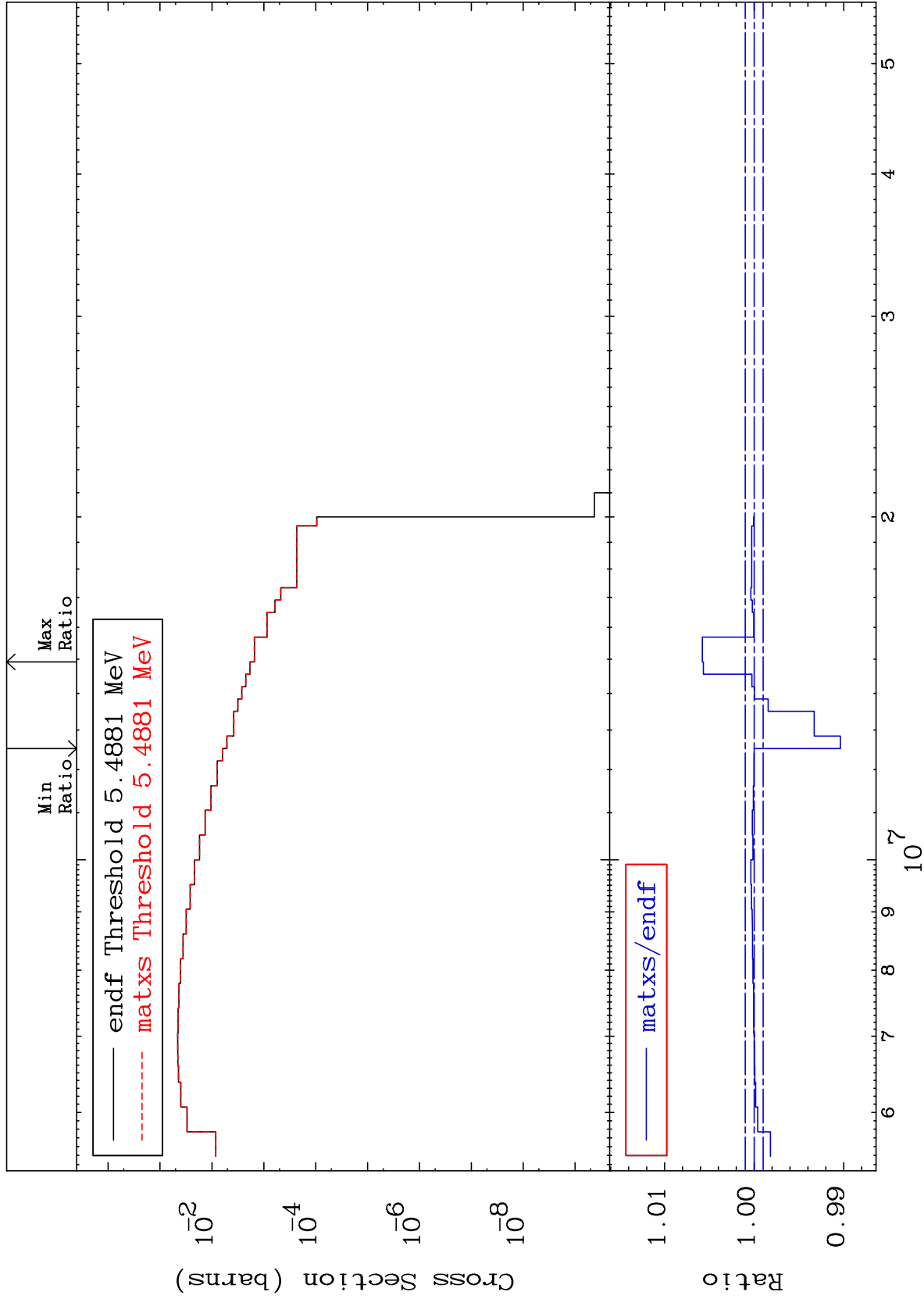
12

16-S -32

MAT 1625

5.413 MeV (n,n') Level
Cross Section

16-S -32
-0.962 To 0.577 %



13

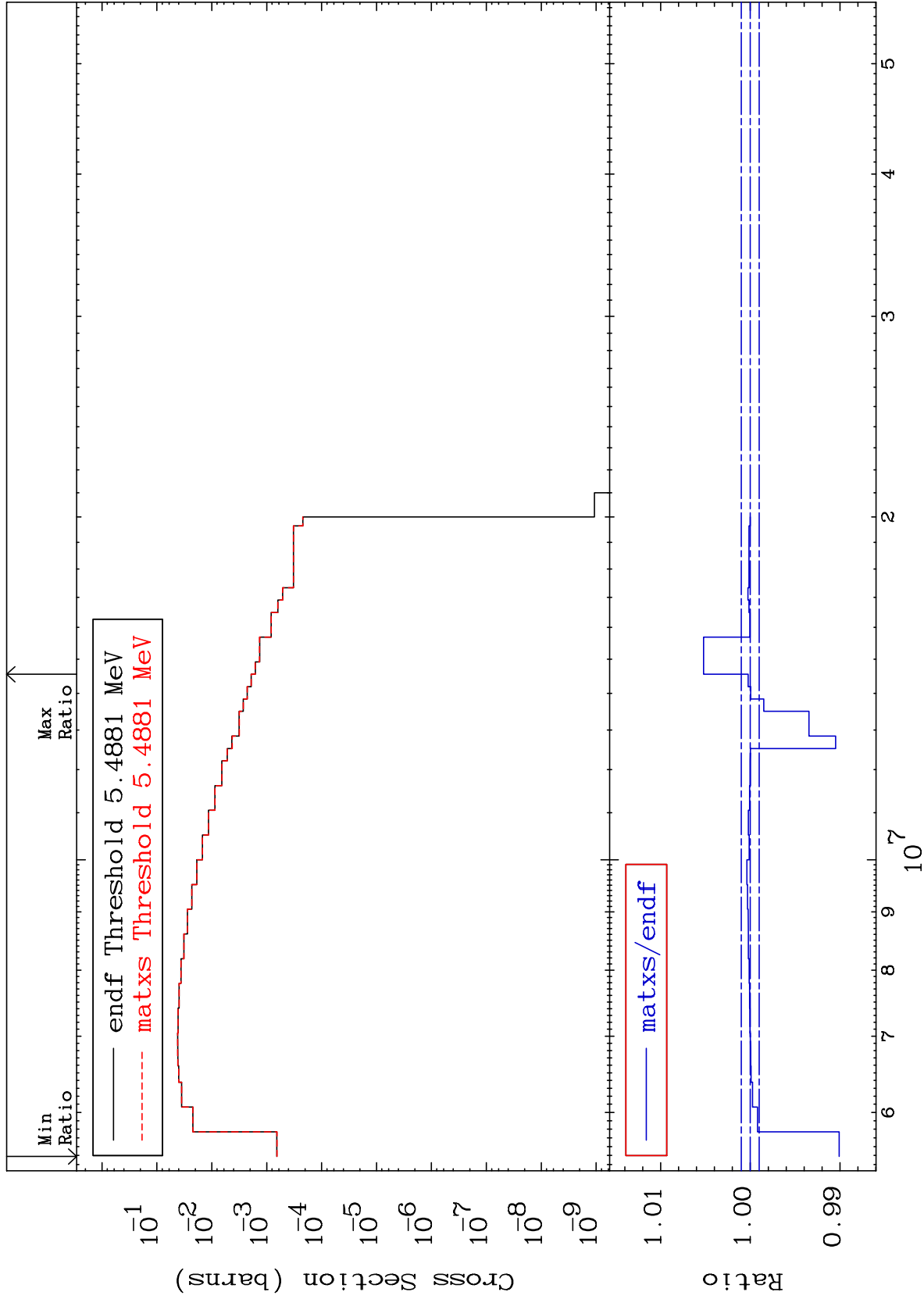
Incident Energy (eV)

16-S -32

MAT 1625

5.549 MeV (n,n') Level
Cross Section

16-S -32
-0.991 To 0.521 %



14

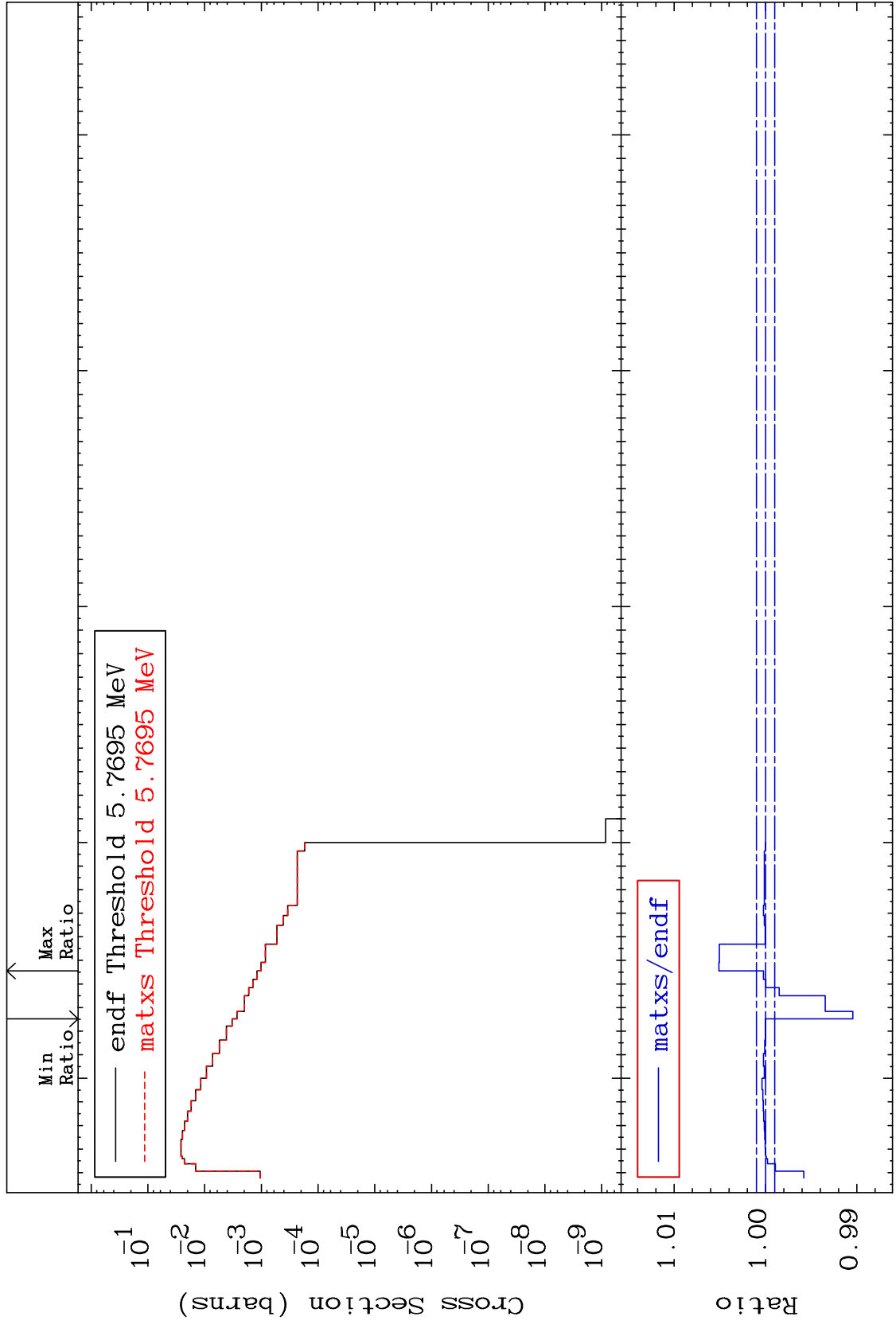
Incident Energy (eV)

16-S -32

MAT 1625

5.798 MeV (n,n') Level
Cross Section

16-S -32
-0.956 To 0.511 %



15

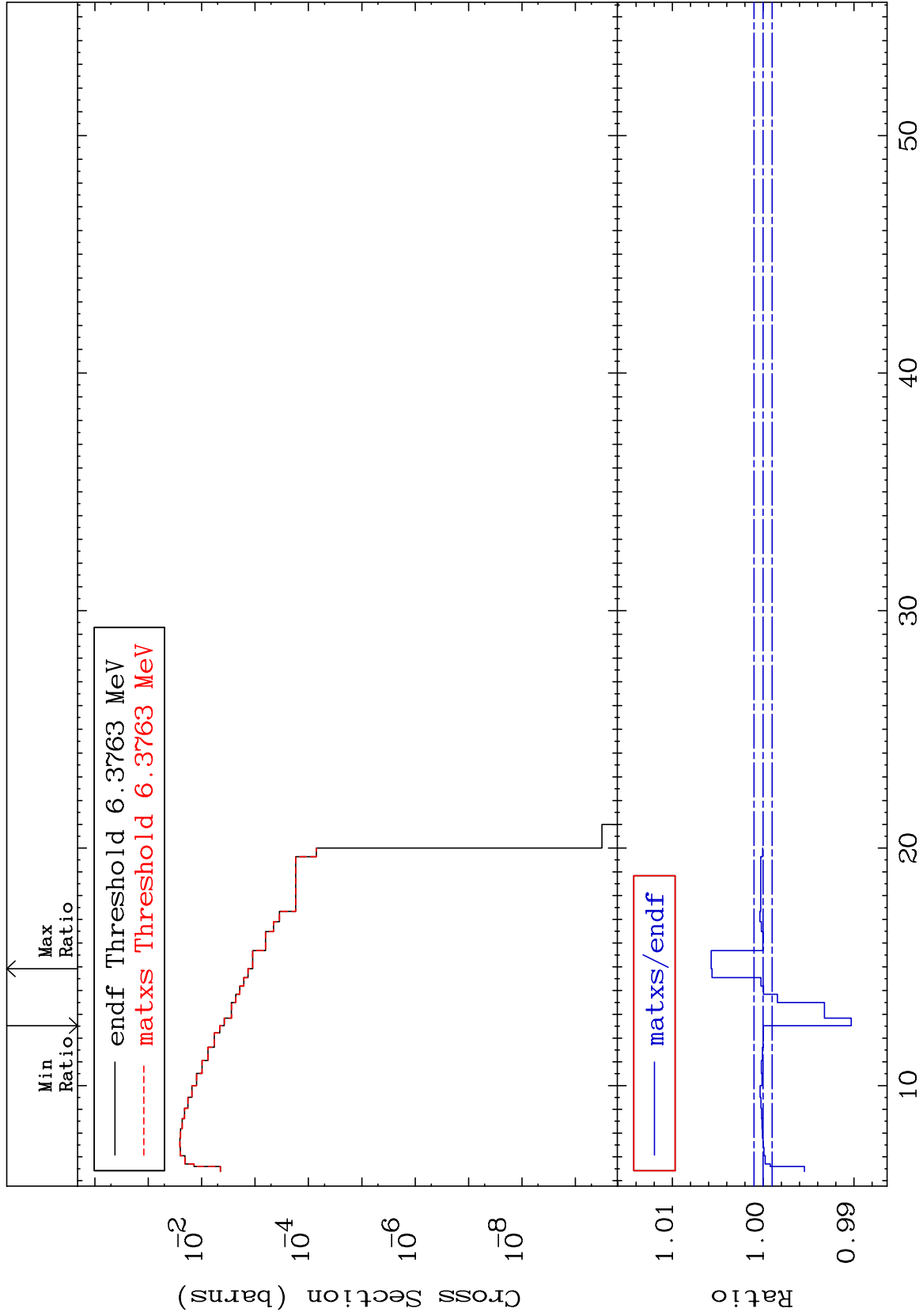
Incident Energy (MeV)

16-S -32

MAT 1625

6.224 MeV (n,n') Level
Cross Section

16-S -32
-0.969 To 0.573 %



16

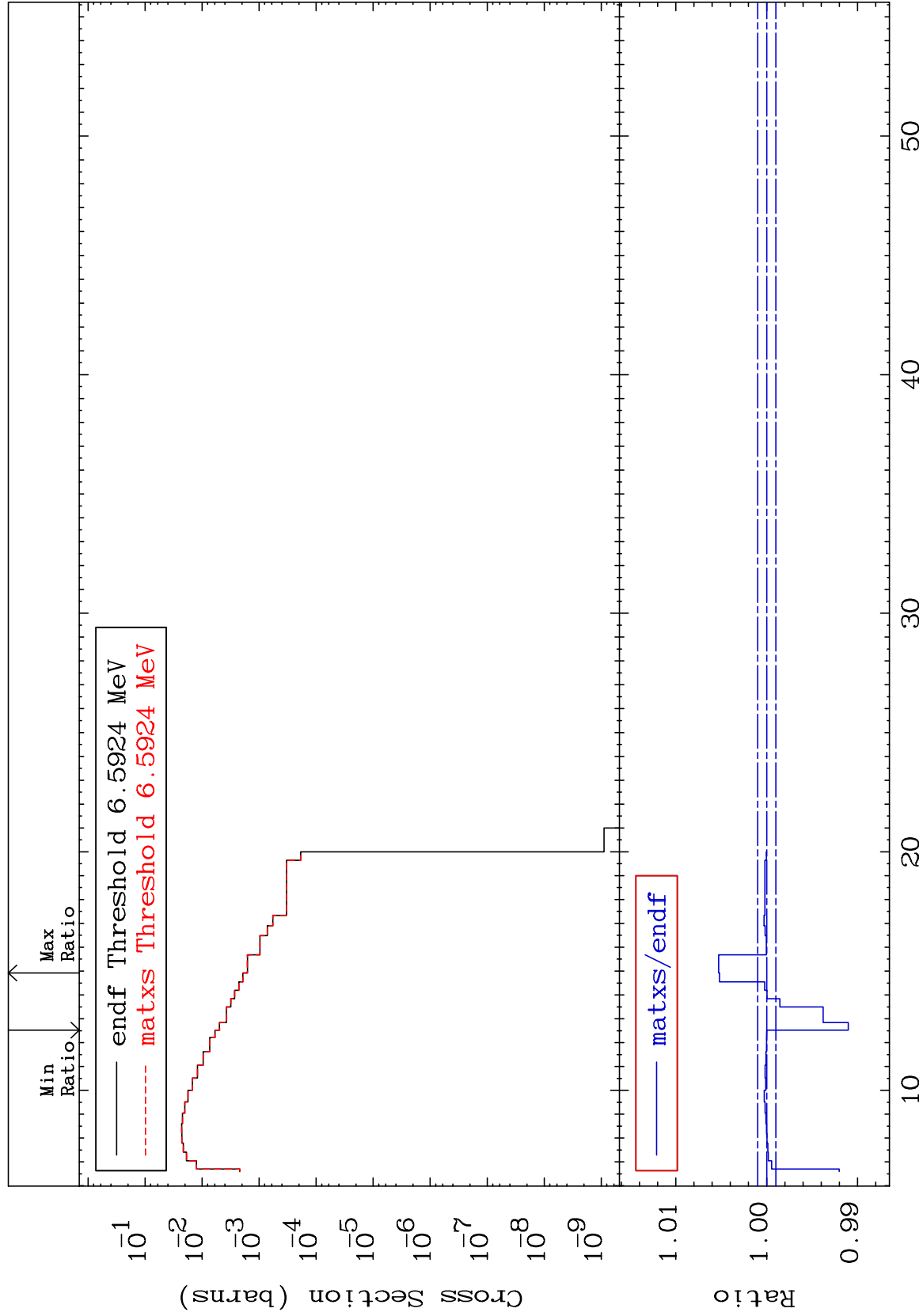
Incident Energy (MeV)

16-S -32

MAT 1625

6.411 MeV (n,n') Level
Cross Section

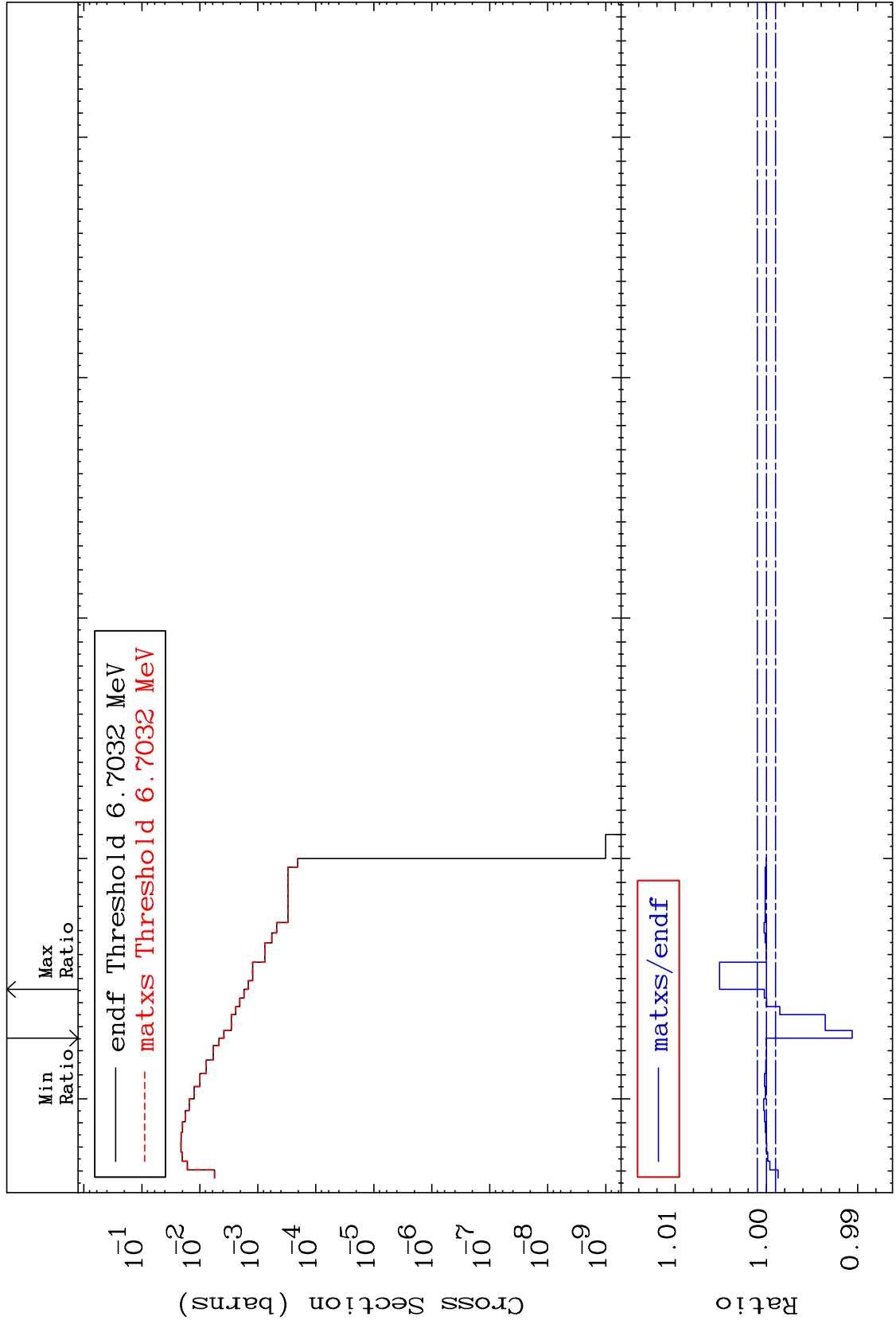
16-S -32
-0.897 To 0.530 %



MAT 1625

6.580 MeV (n,n') Level
Cross Section

16-S -32
-0.940 To 0.514 %



18

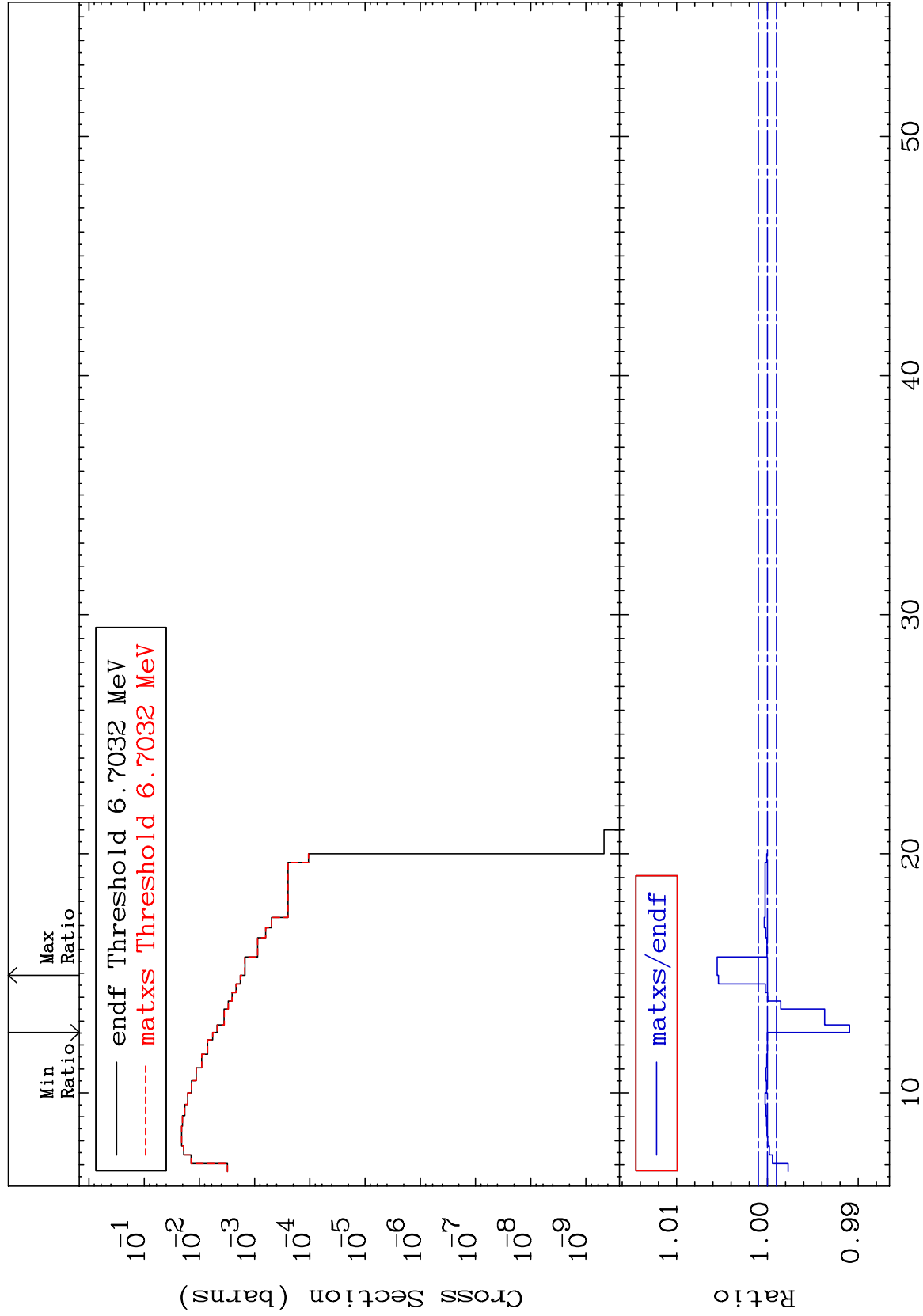
Incident Energy (MeV)

16-S -32

MAT 1625

6.621 MeV (n,n') Level
Cross Section

16-S -32
-0.904 To 0.552 %



19

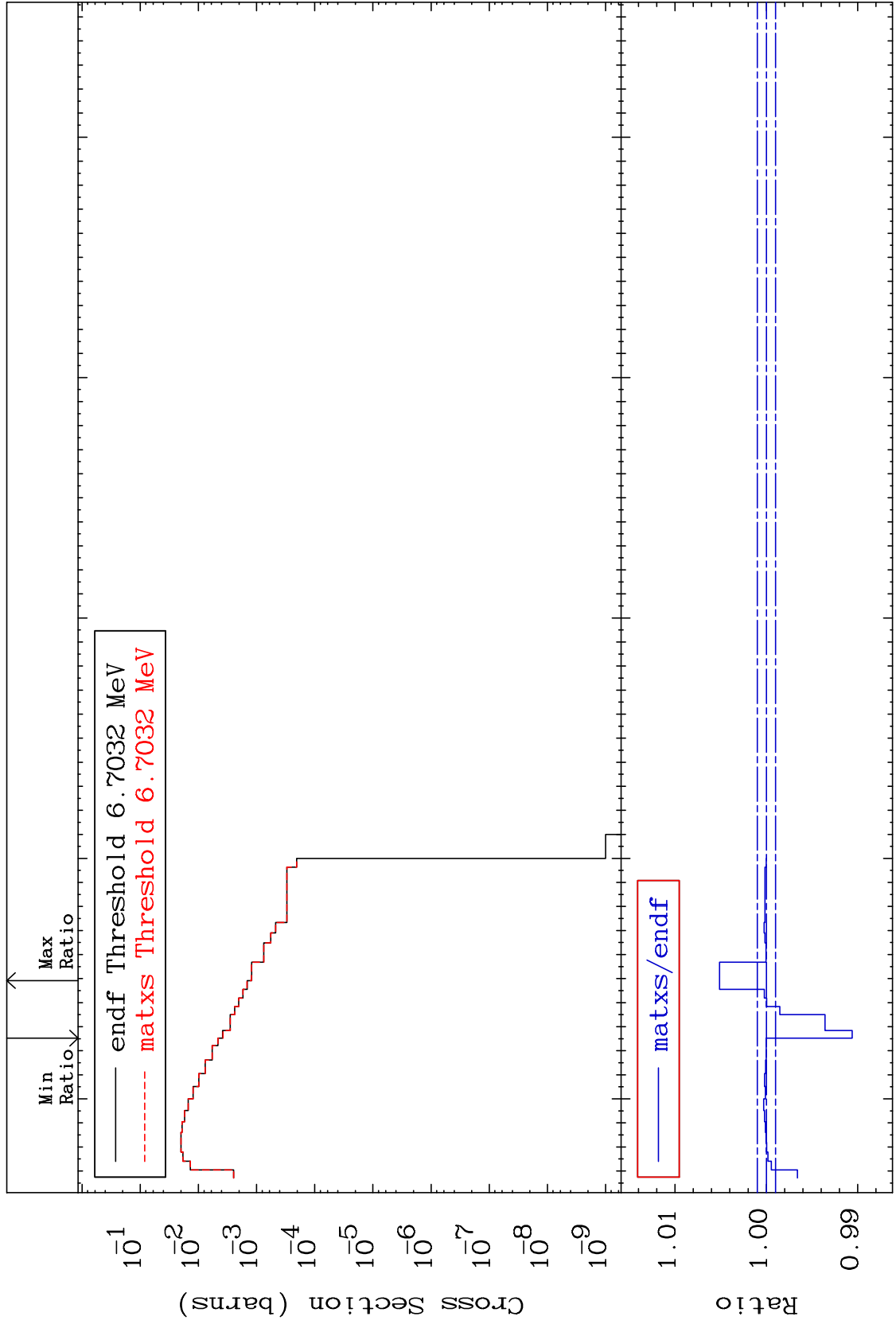
Incident Energy (MeV)

16-S -32

MAT 1625

6.666 MeV (n,n') Level
Cross Section

16-S -32
-0.941 To 0.513 %



20

Incident Energy (MeV)

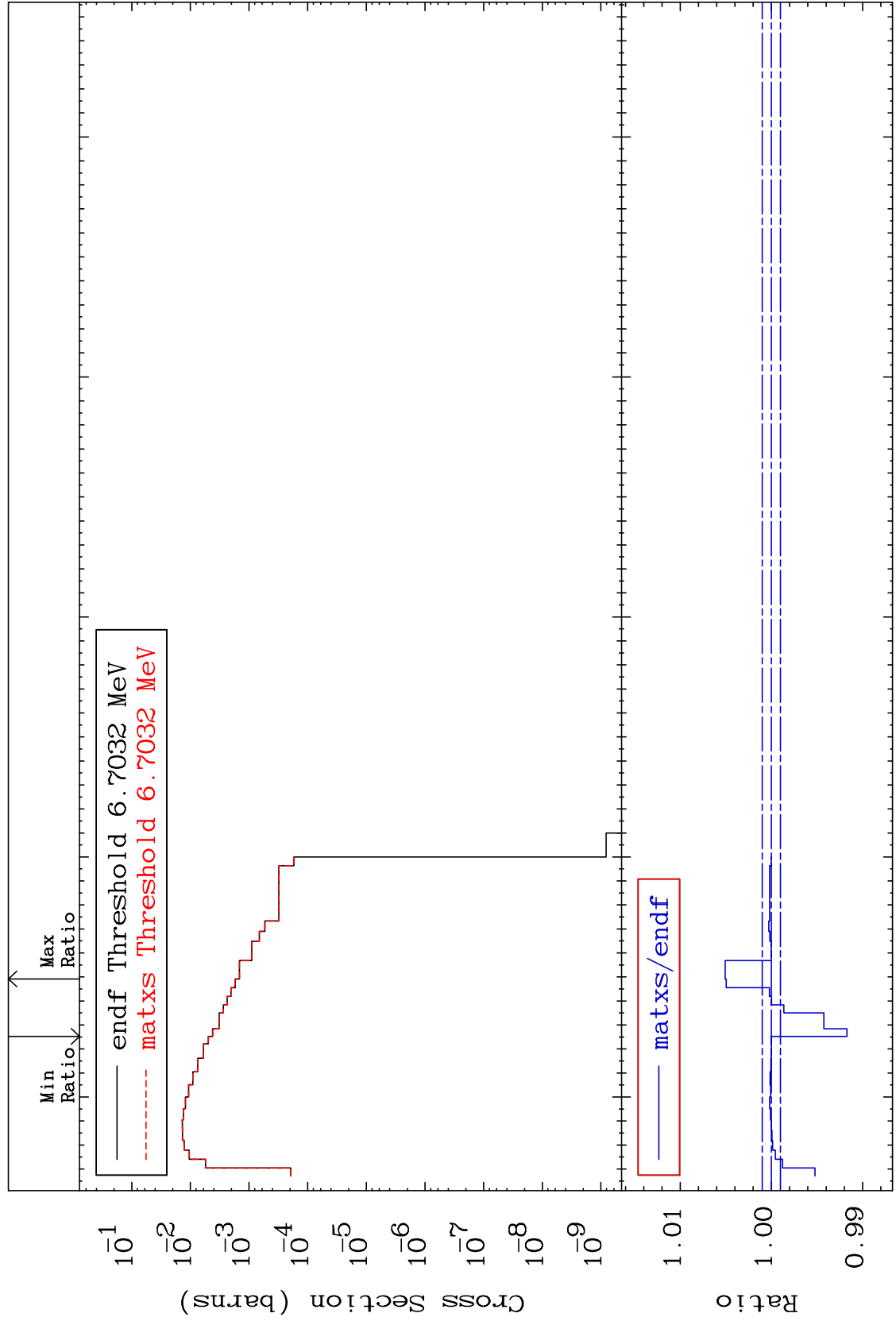
50

16-S -32

MAT 1625

6.762 MeV (n,n') Level
Cross Section

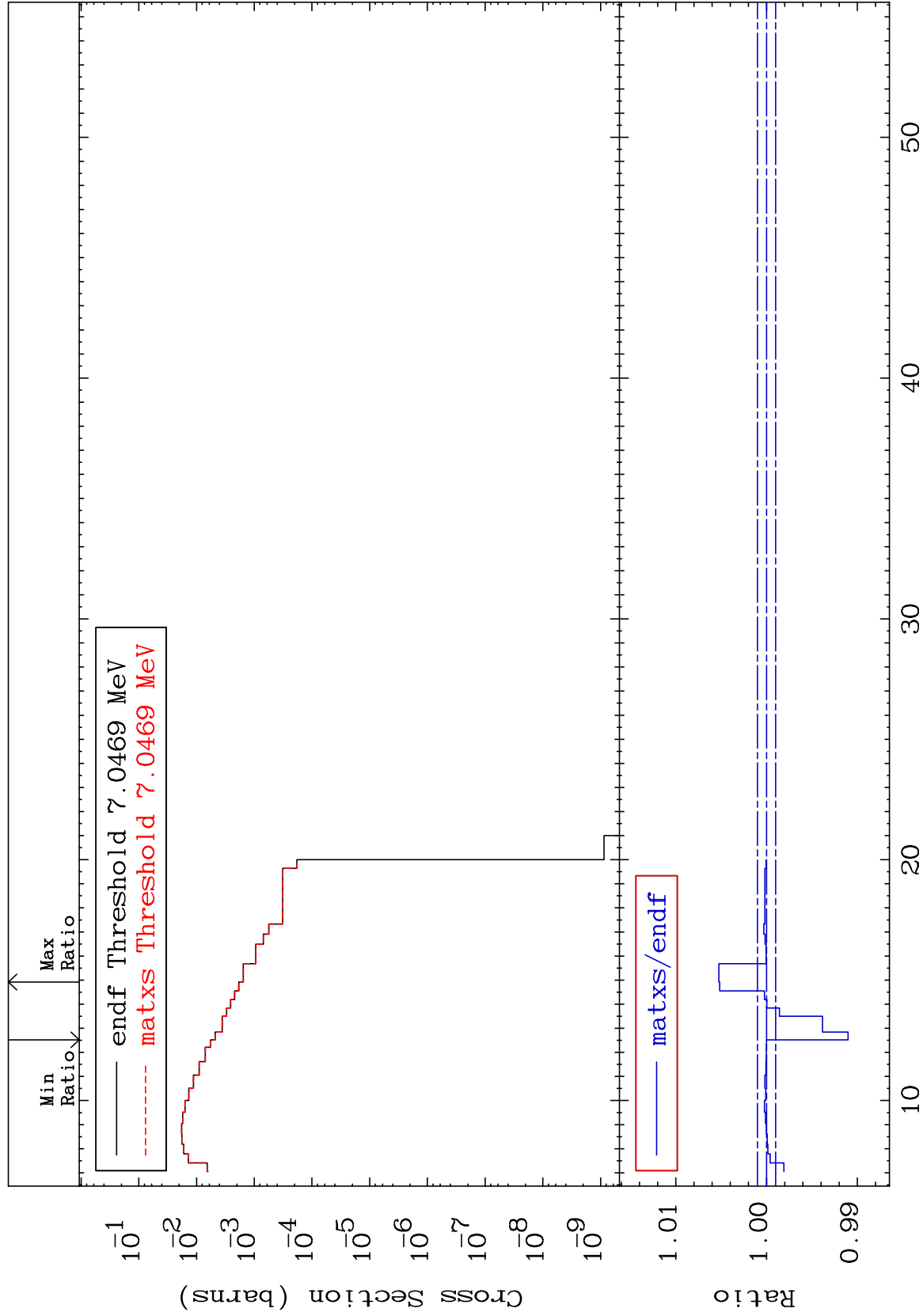
16-S -32
-0.829 To 0.507 %



MAT 1625

6.852 MeV (n,n') Level
Cross Section

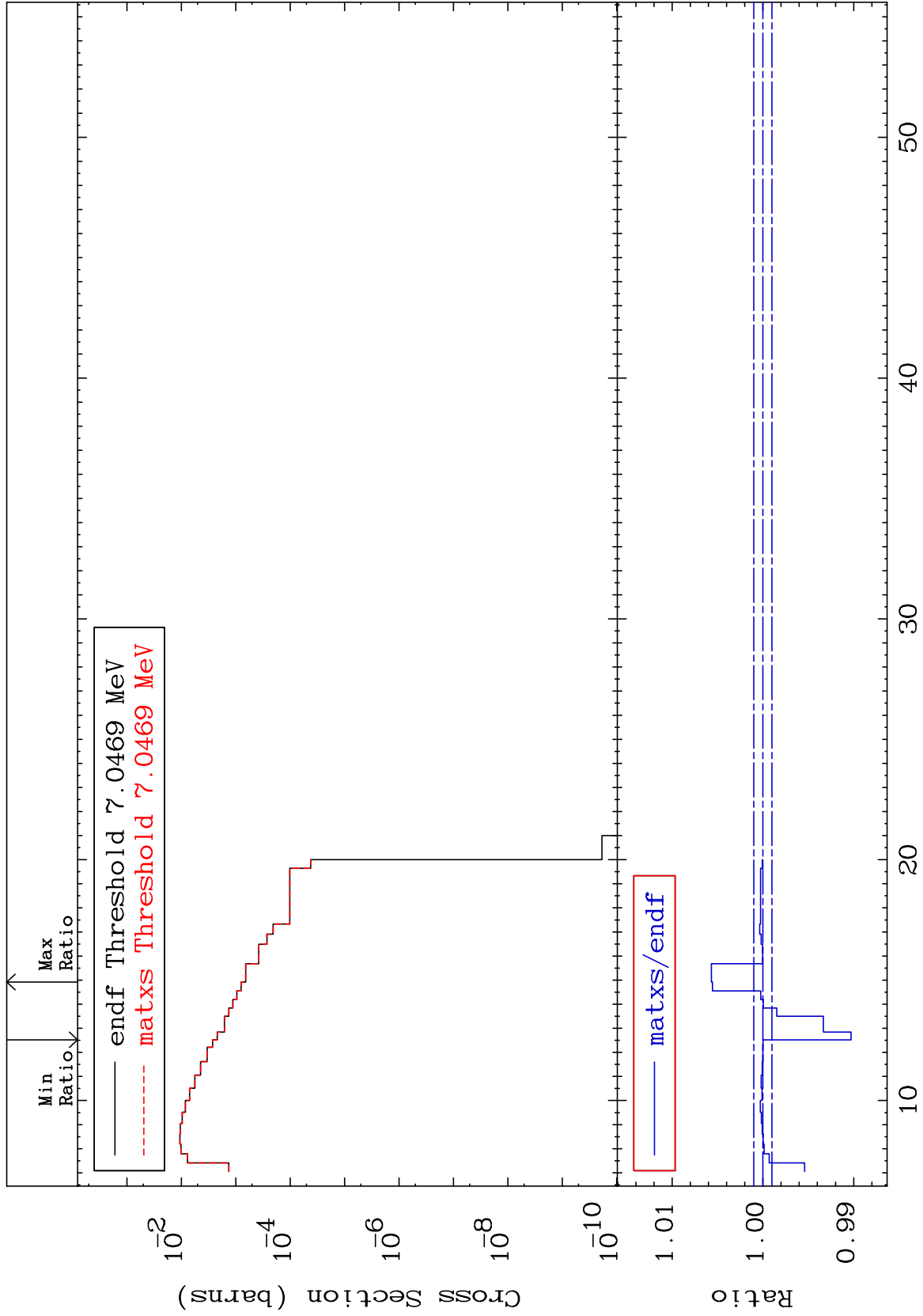
16-S -32
-0.897 To 0.526 %



MAT 1625

7.002 MeV (n,n') Level
Cross Section

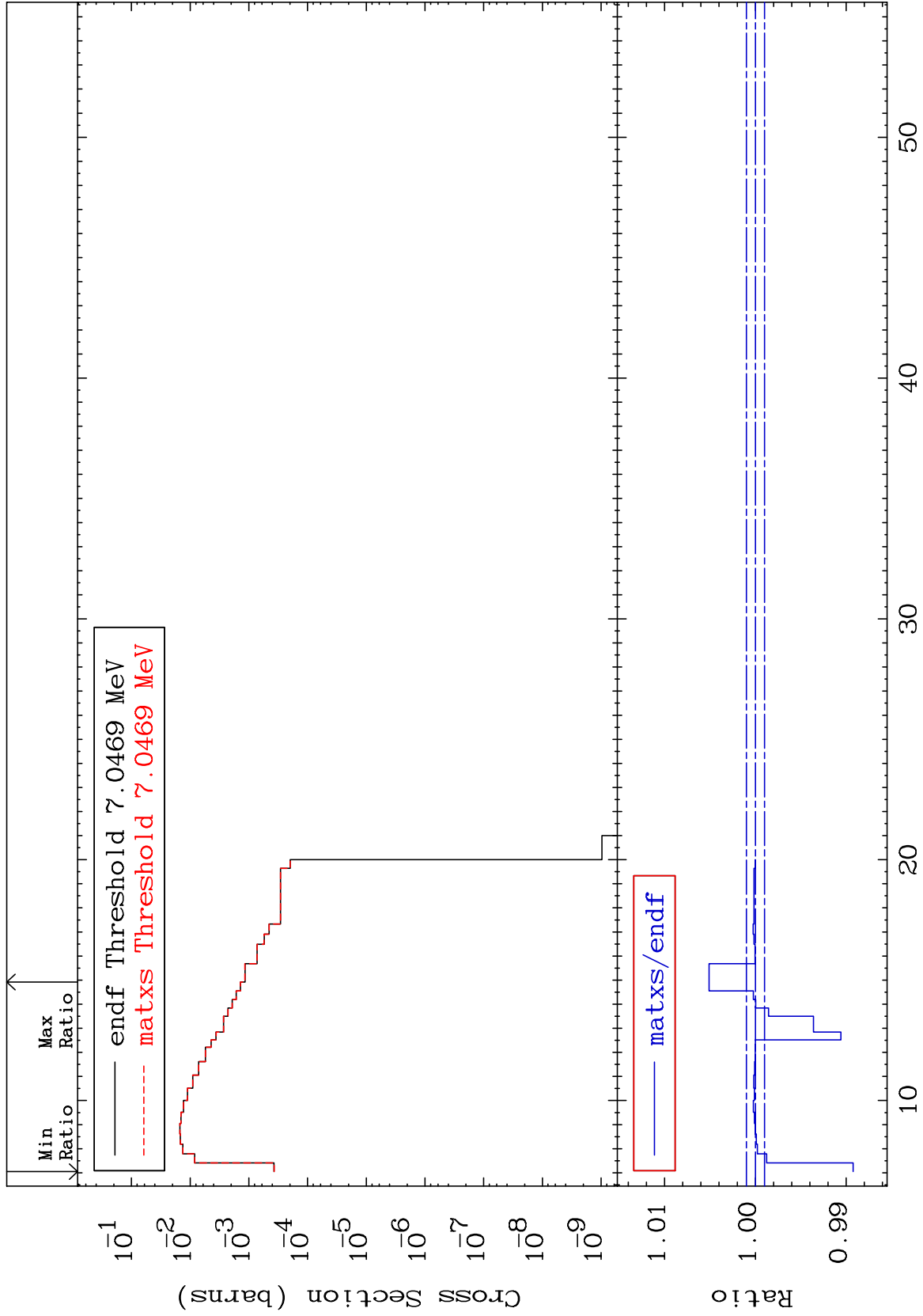
16-S -32
-0.970 To 0.569 %



MAT 1625

7.115 MeV (n,n') Level
Cross Section

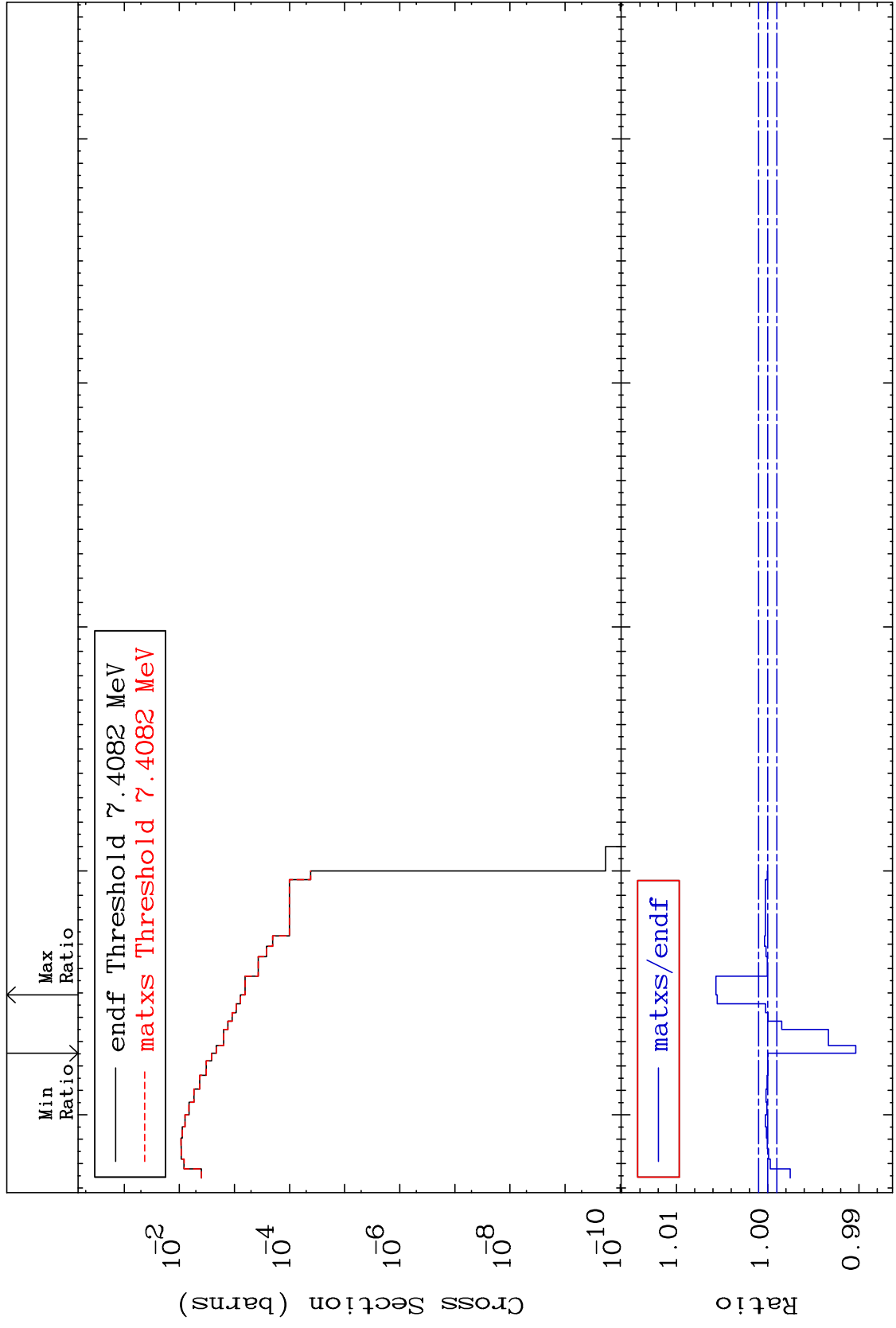
16-S -32
-1.077 To 0.511 %



MAT 1625

7.190 MeV (n,n') Level
Cross Section

16-S -32
-0.965 To 0.567 %



25

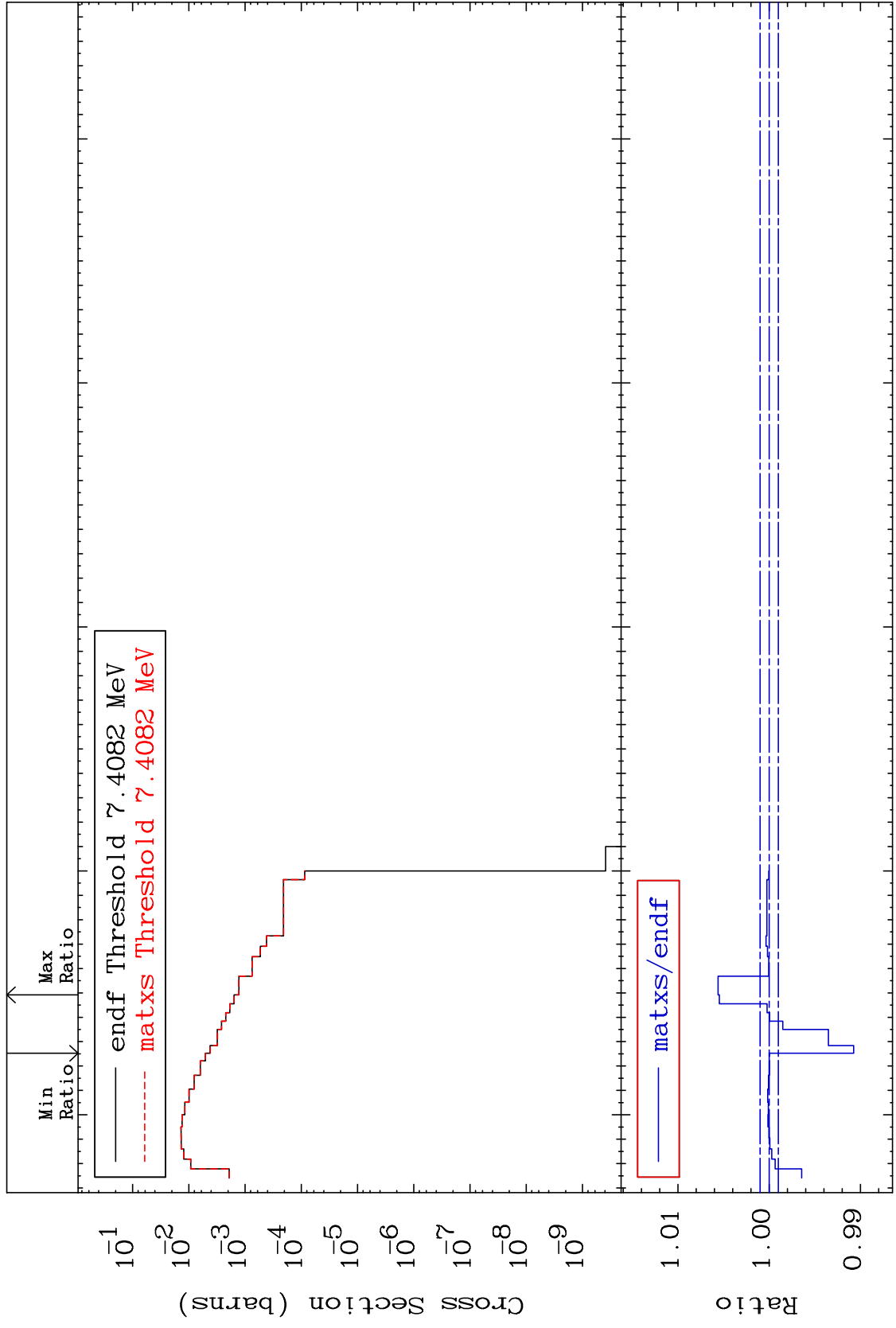
Incident Energy (MeV)

16-S -32

MAT 1625

7.350 MeV (n,n') Level
Cross Section

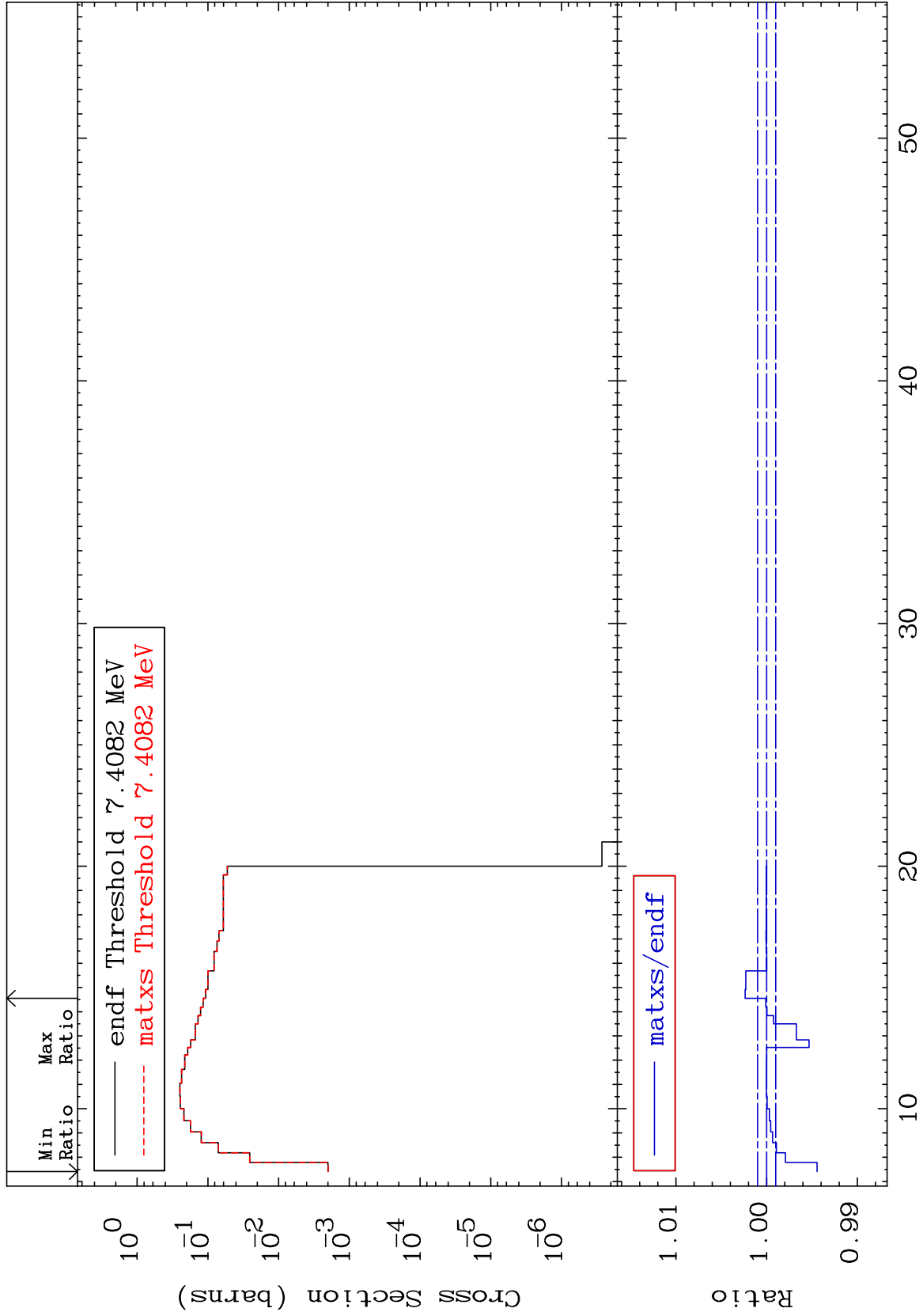
16-S -32
-0.925 To 0.560 %



MAT 1625

(n,n') Continuum
Cross Section

16-S -32
-0.554 To 0.237 %



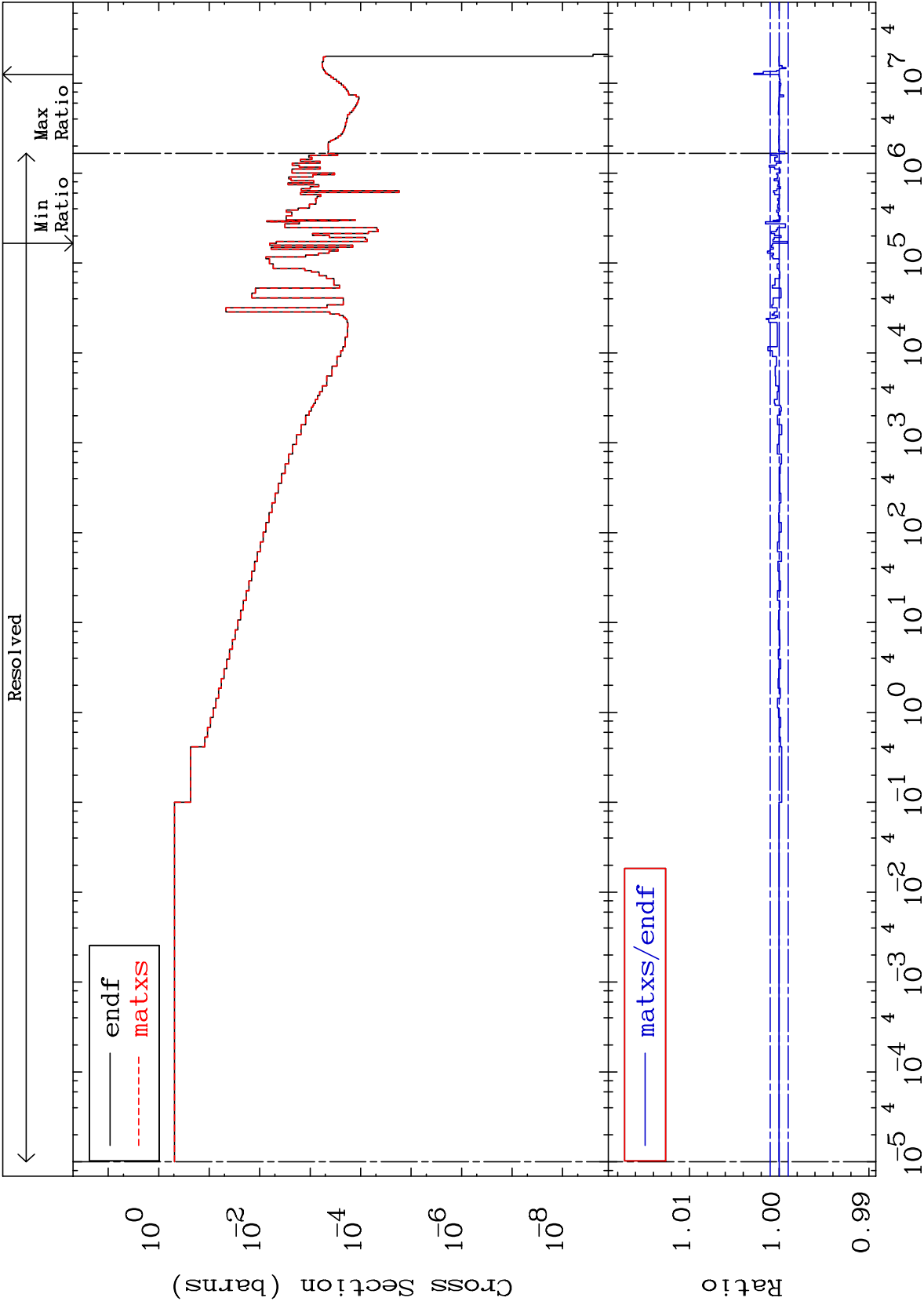
MAT 1625

(n, γ)

Cross Section

16-S -32

-0.094 To 0.282 %



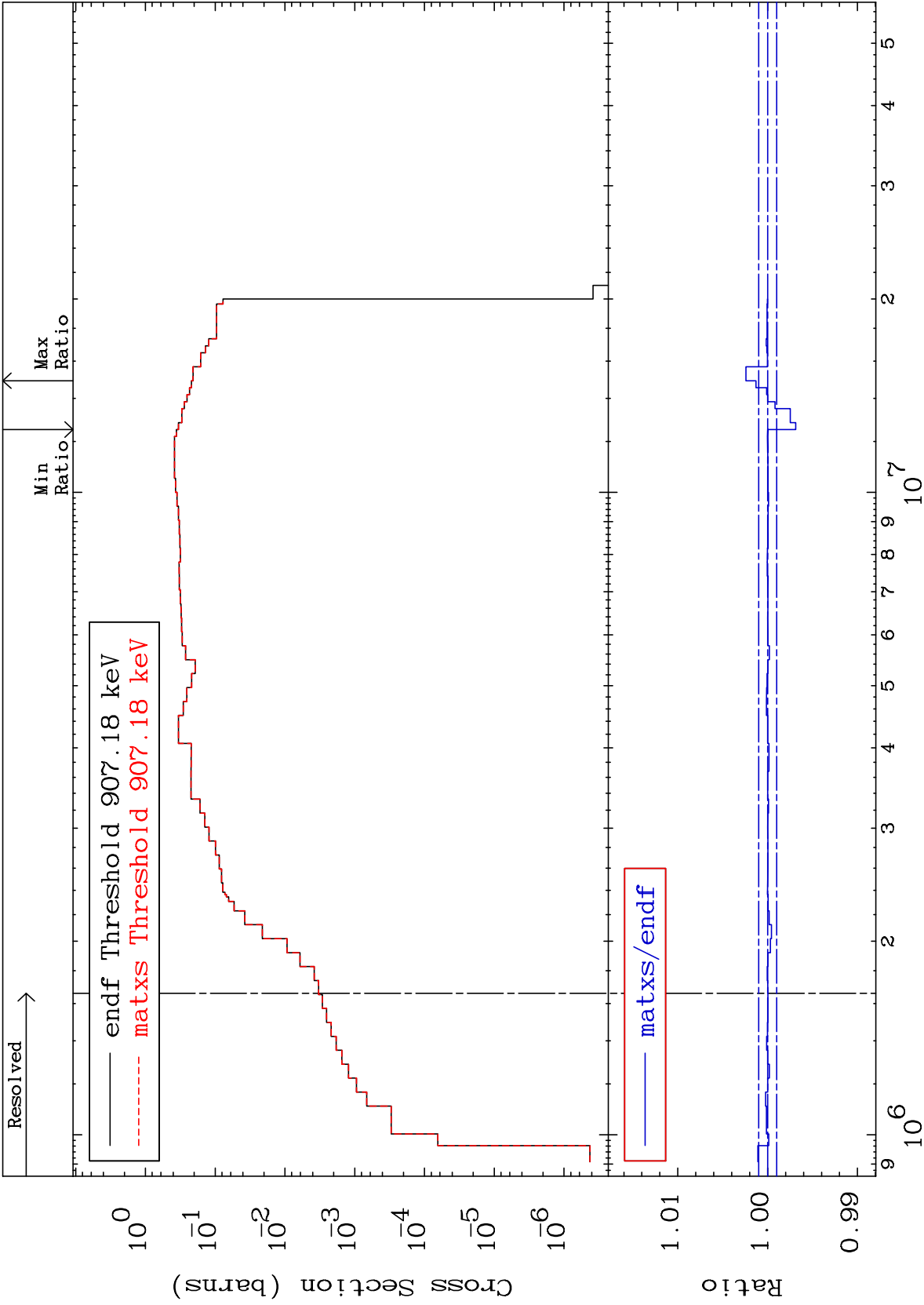
MAT 1625

(n,p)

16-S -32

Cross Section

-0.312 To 0.243 %



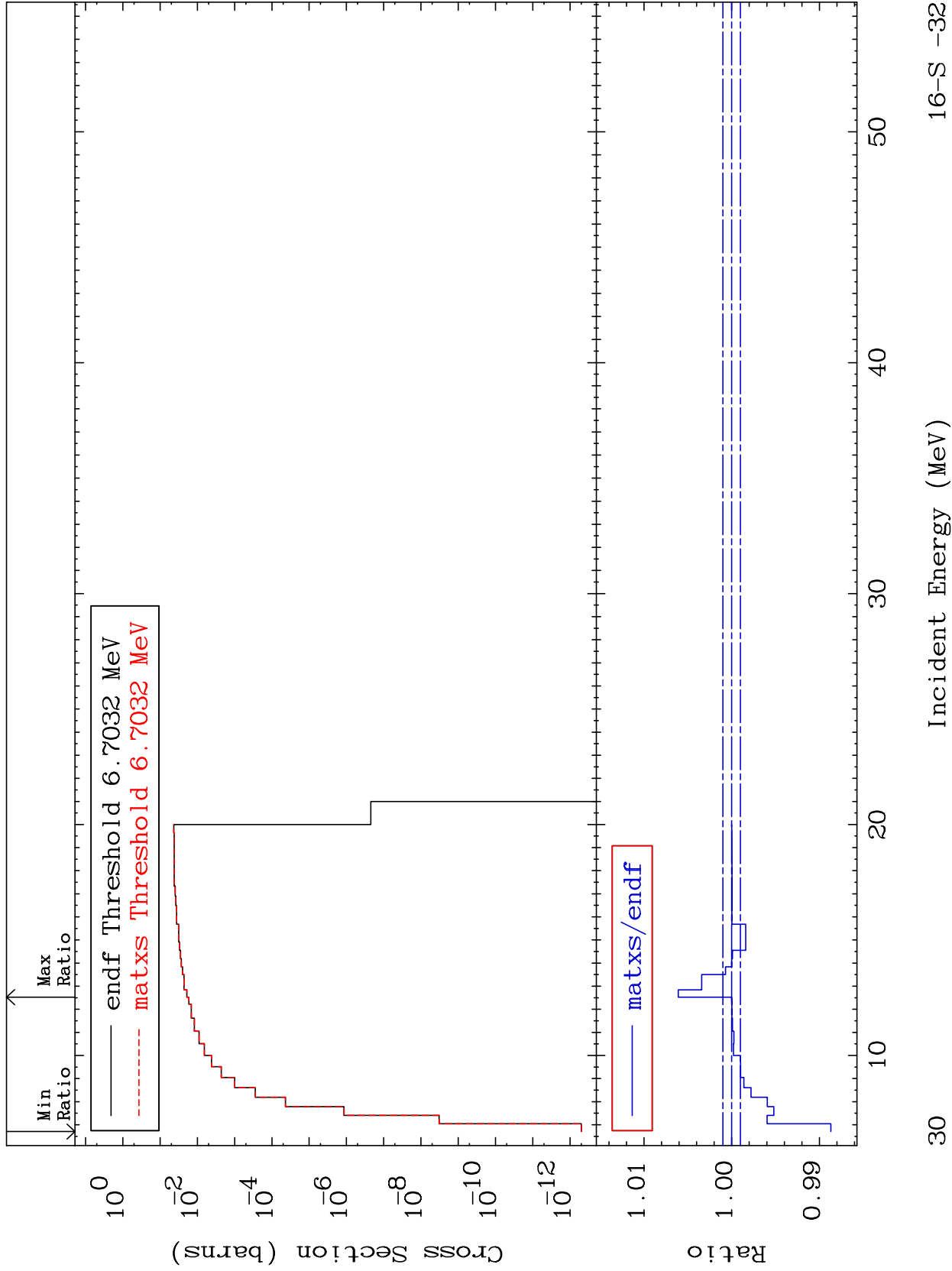
29

16-S -32

MAT 1625

(n,d)
Cross Section

16-S -32
-1.131 To 0.610 %



30

10

20

30

40

50

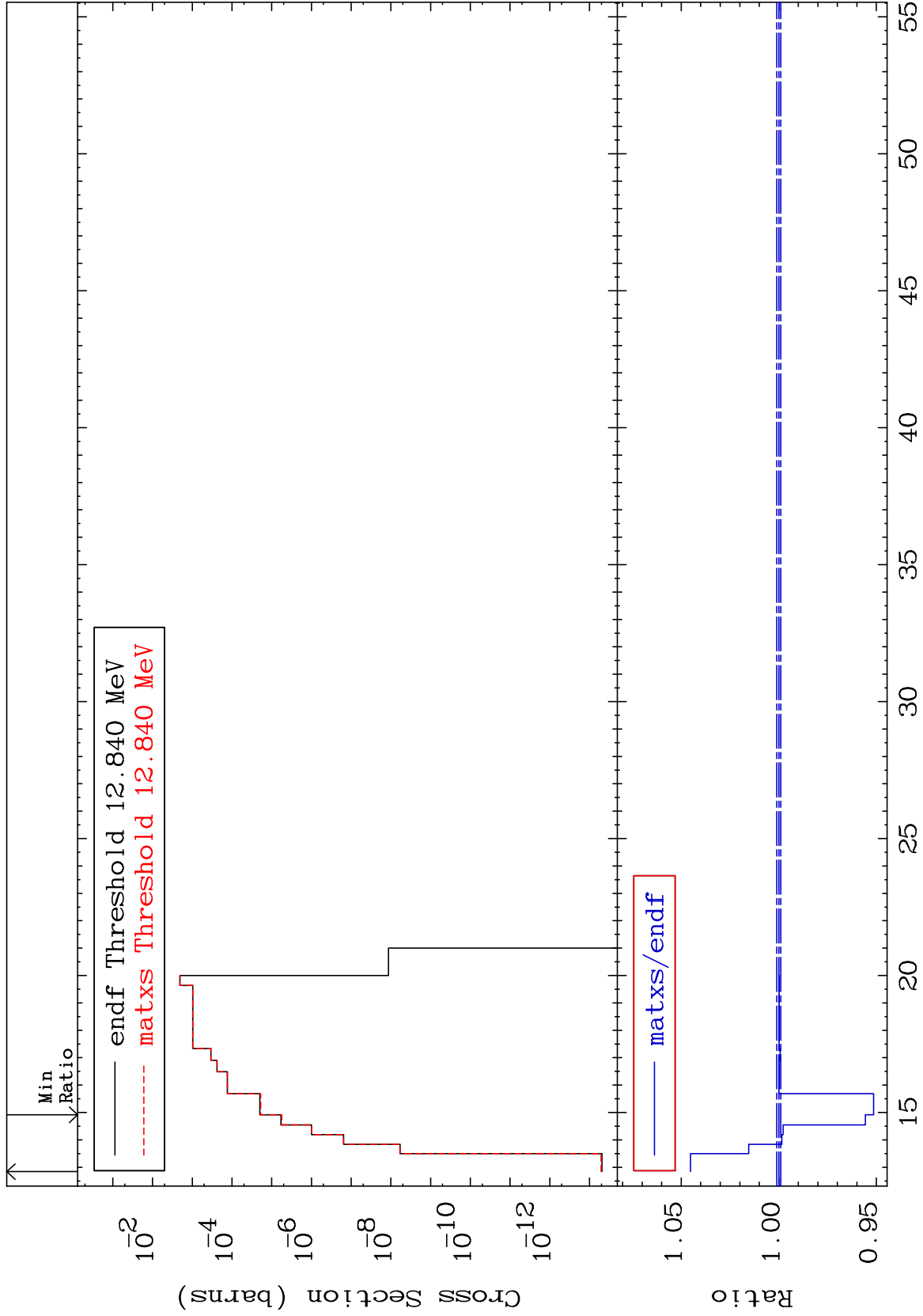
Incident Energy (MeV)

16-S -32

MAT 1625

(n, t)
Cross Section

16-S -32
-4.862 To 4.522 %



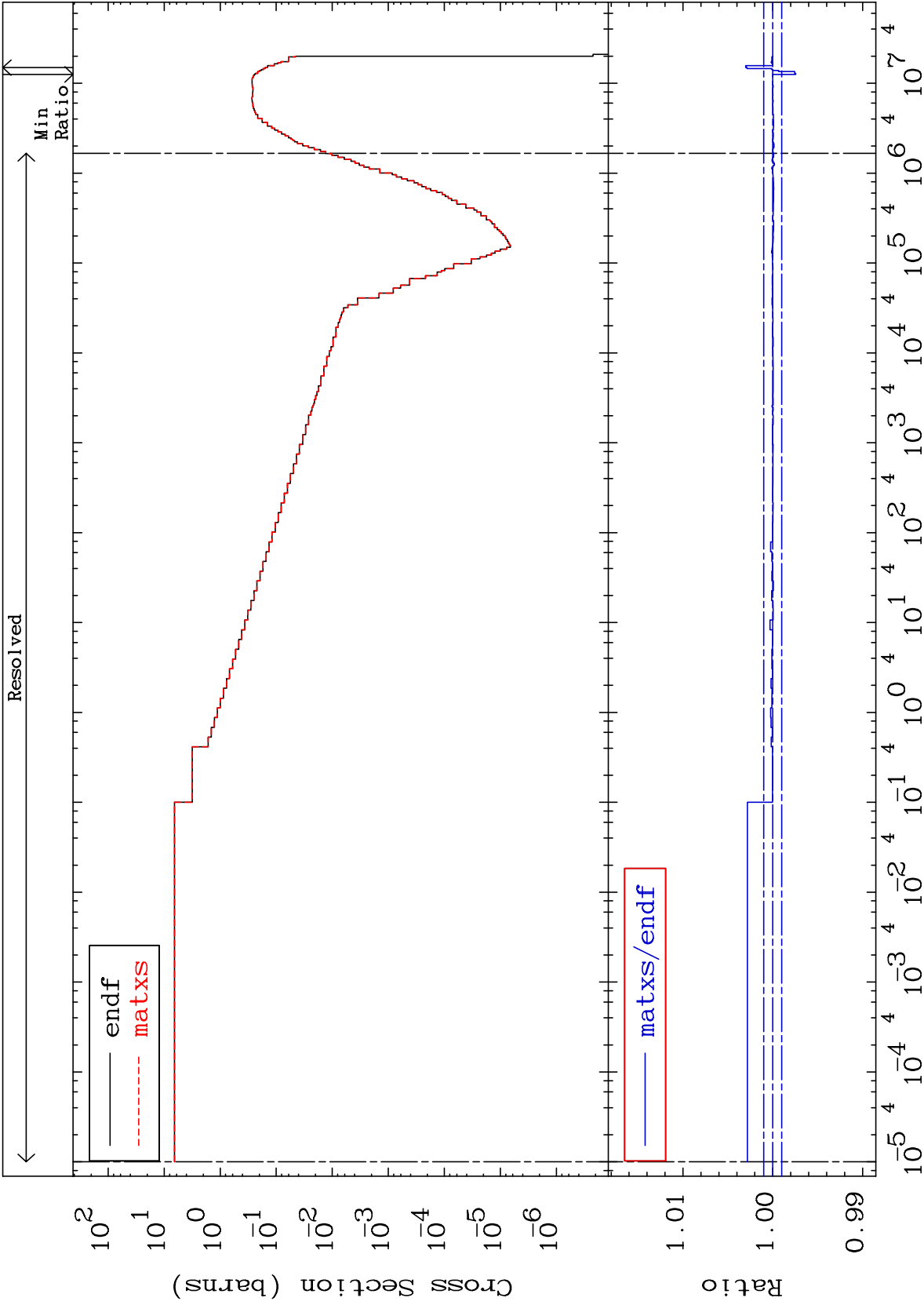
MAT 1625

(n, α)

16-S -32

Cross Section

-0.255 To 0.301 %



32

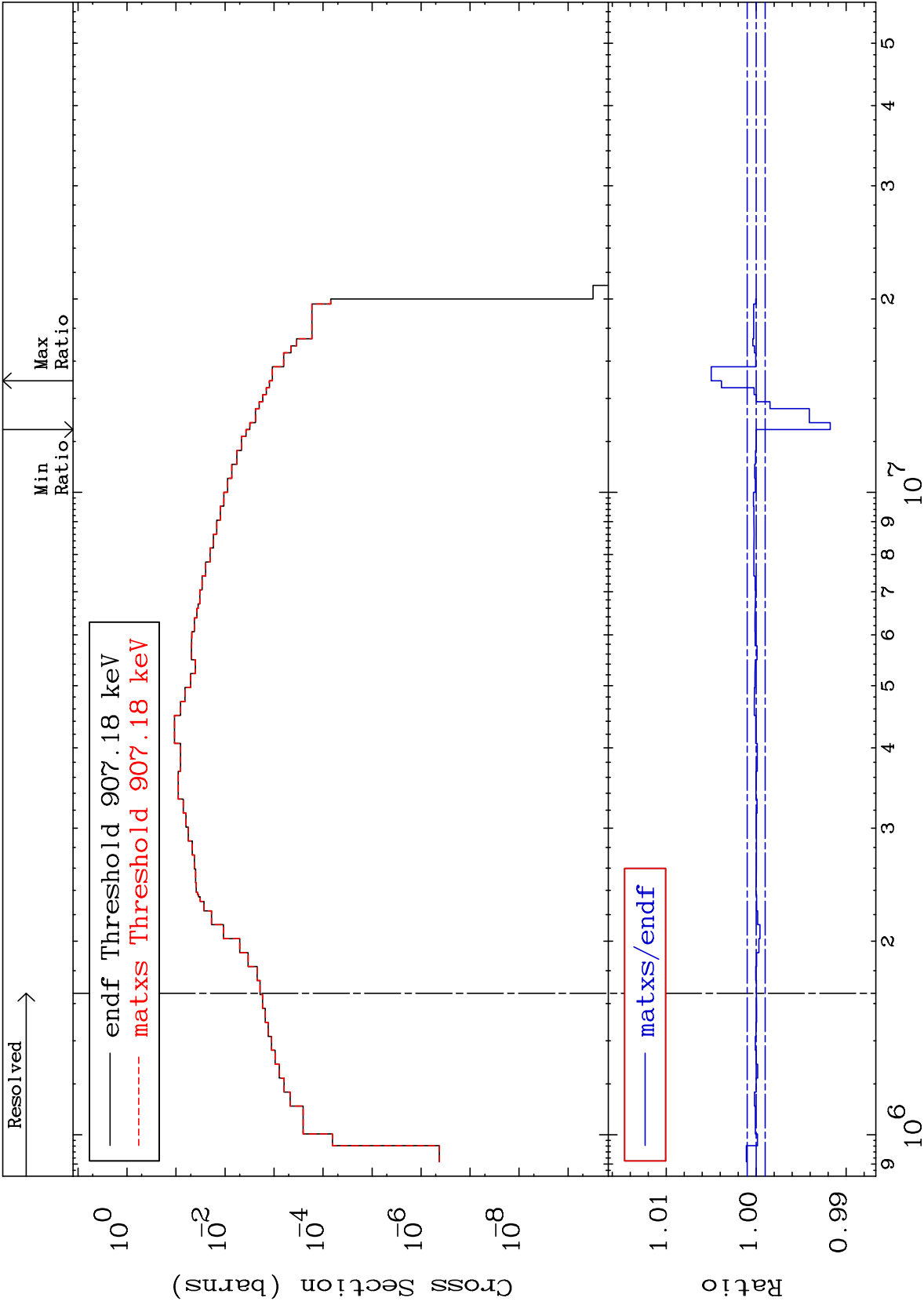
Incident Energy (eV)

16-S -32

MAT 1625

(n,p') Ground
Cross Section

16-S -32
-0.824 To 0.501 %



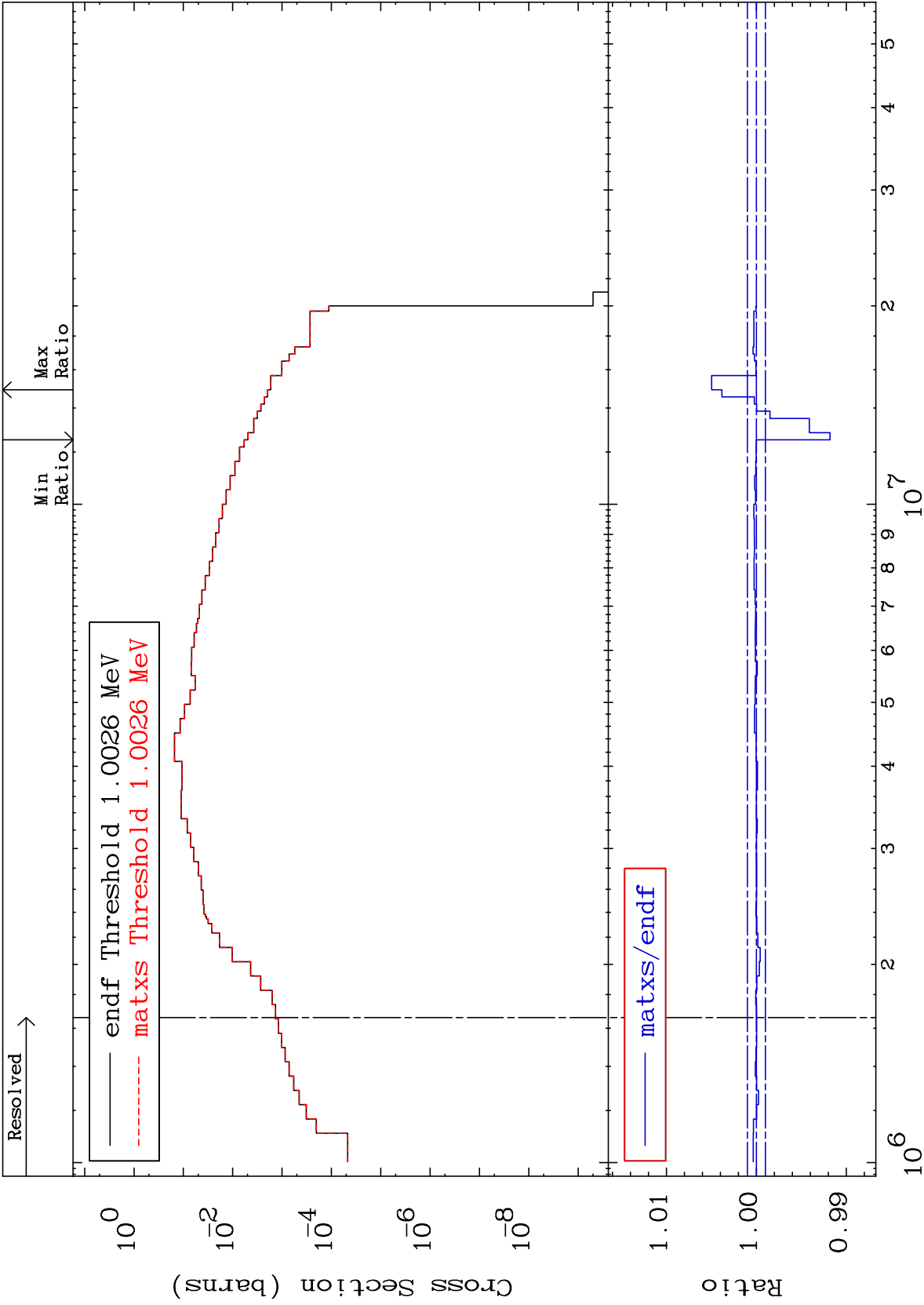
33

16-S -32

MAT 1625

78.06 keV (n,p') Level
Cross Section

16-S -32
-0.818 To 0.498 %



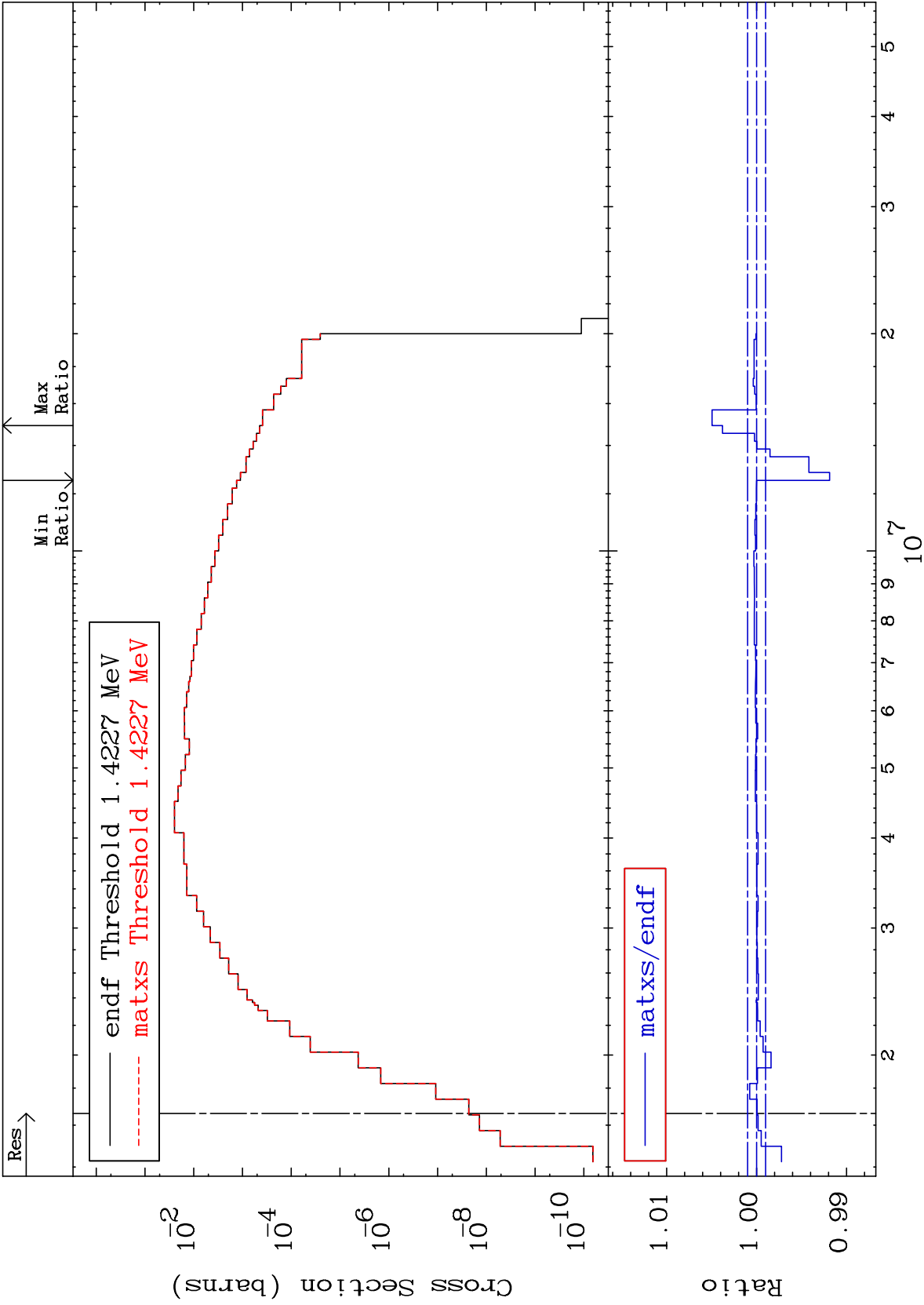
34

16-S -32

MAT 1625

512.7 keV (n,p') Level
Cross Section

16-S -32
-0.811 To 0.496 %



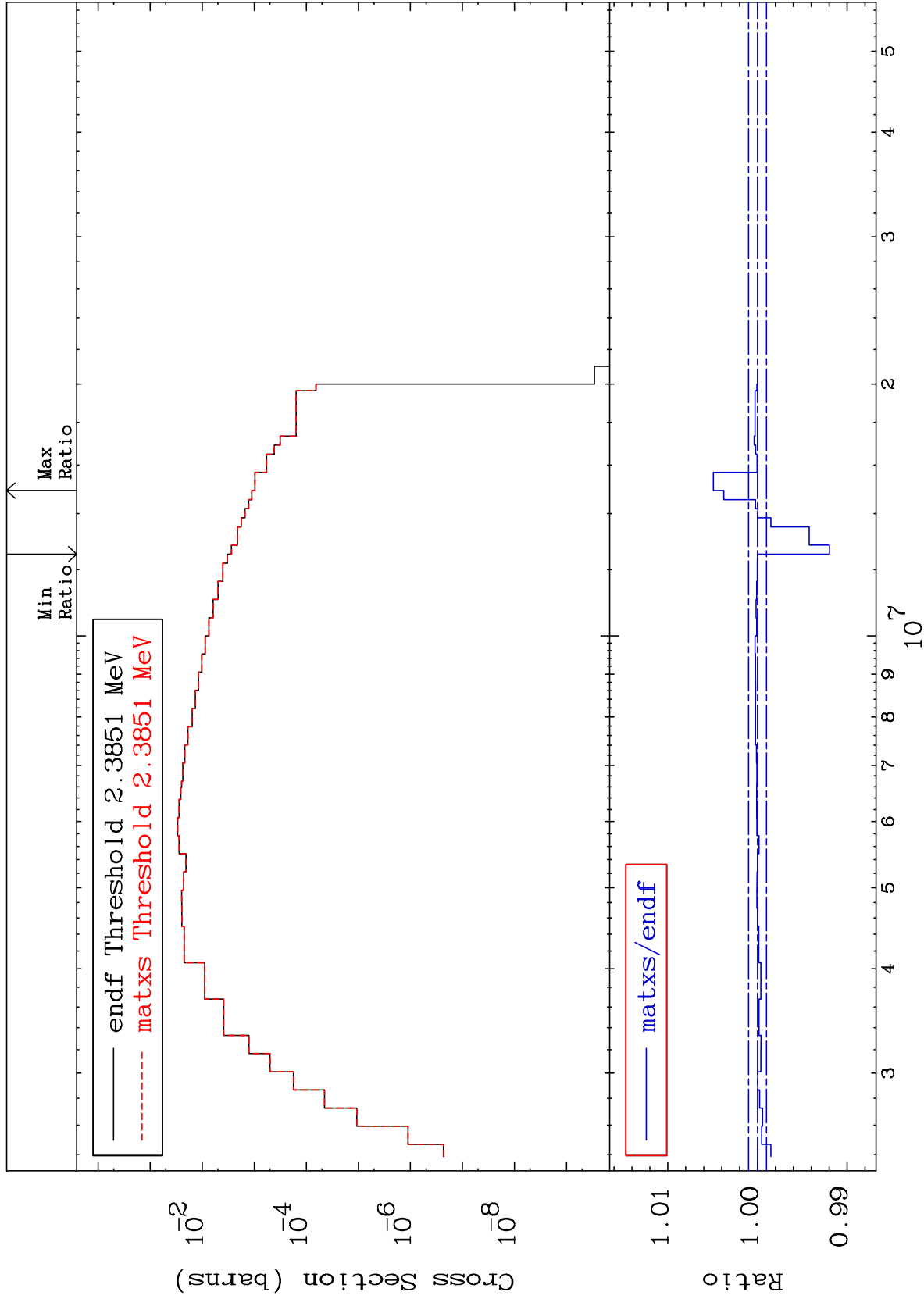
35

16-S -32

MAT 1625

1.149 MeV (n,p') Level
Cross Section

16-S -32
-0.804 To 0.492 %



36

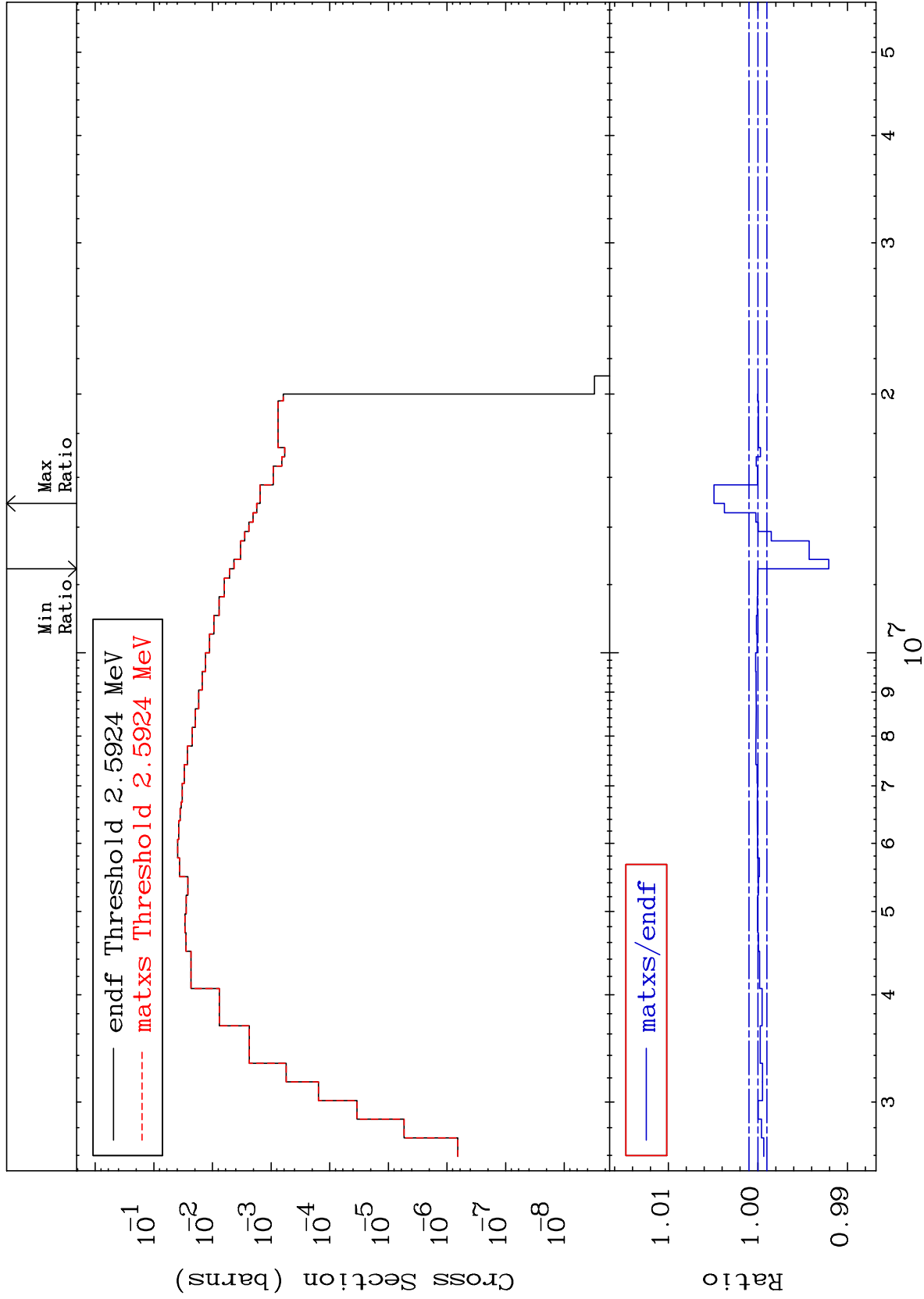
Incident Energy (eV)

16-S -32

MAT 1625

1.323 MeV (n,p') Level
Cross Section

16-S -32
-0.792 To 0.490 %



37

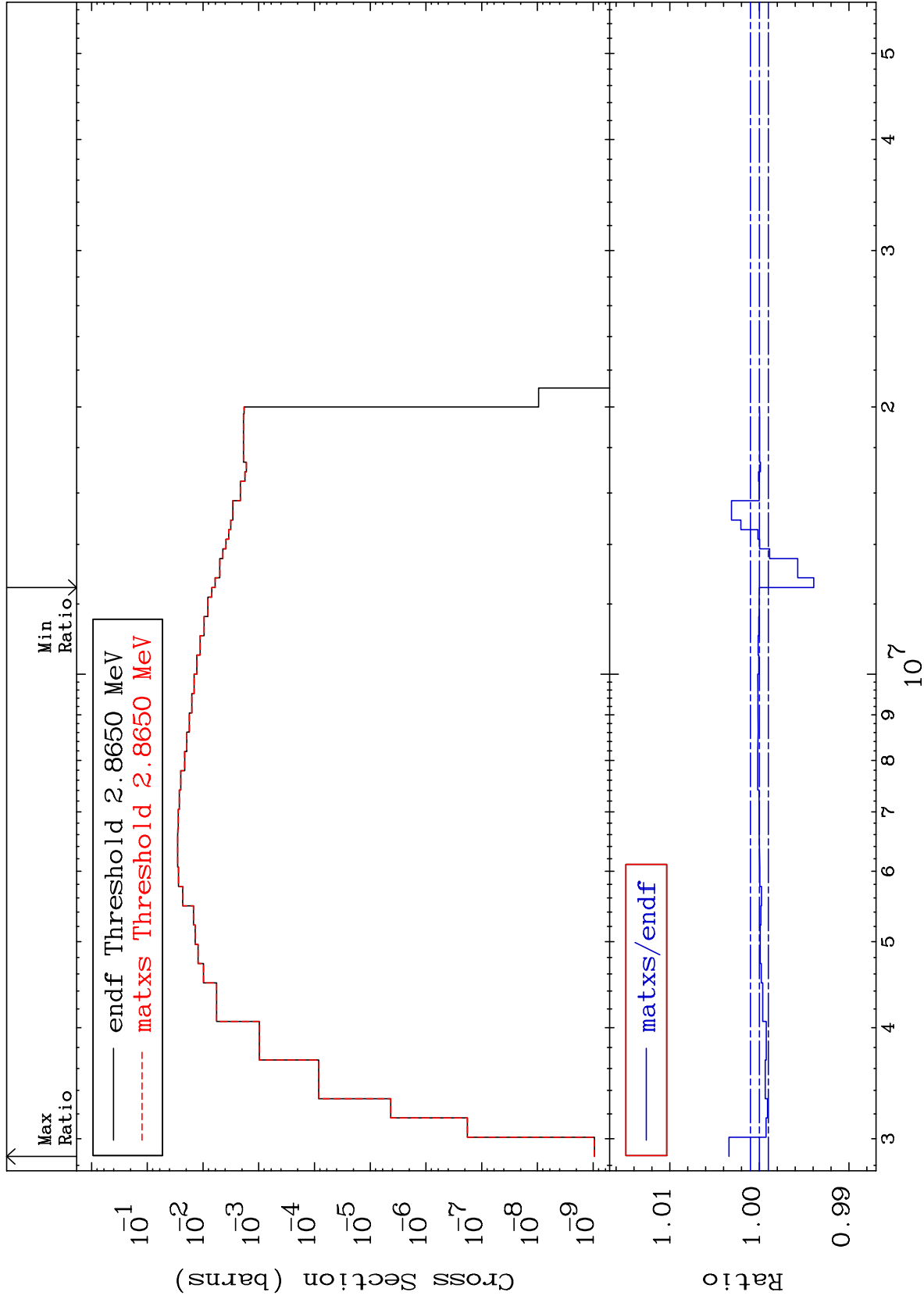
Incident Energy (eV)

16-S -32

MAT 1625

1.755 MeV (n,p') Level
Cross Section

16-S -32
-0.607 To 0.338 %



38

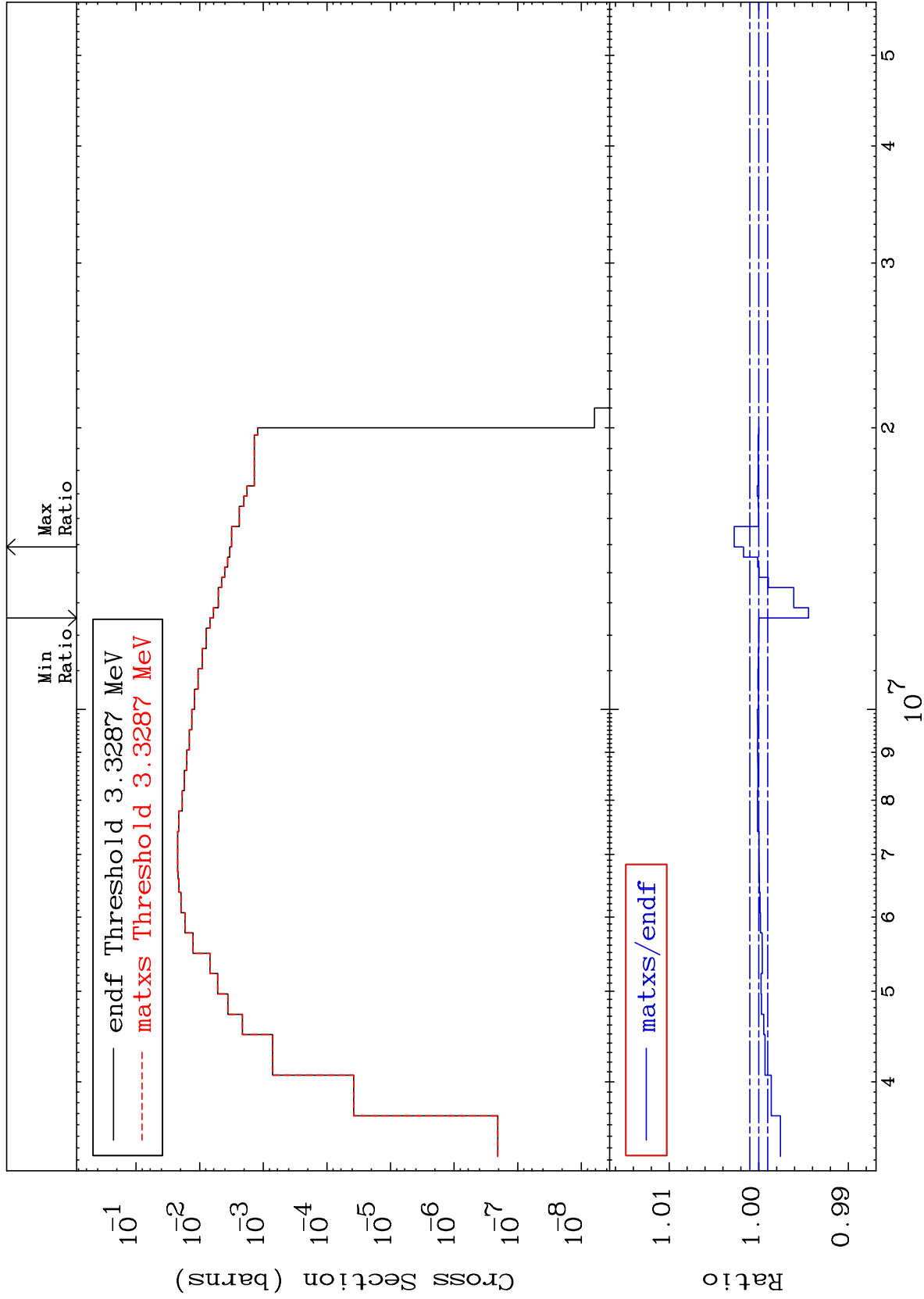
Incident Energy (eV)

16-S -32

MAT 1625

2.177 MeV (n,p') Level
Cross Section

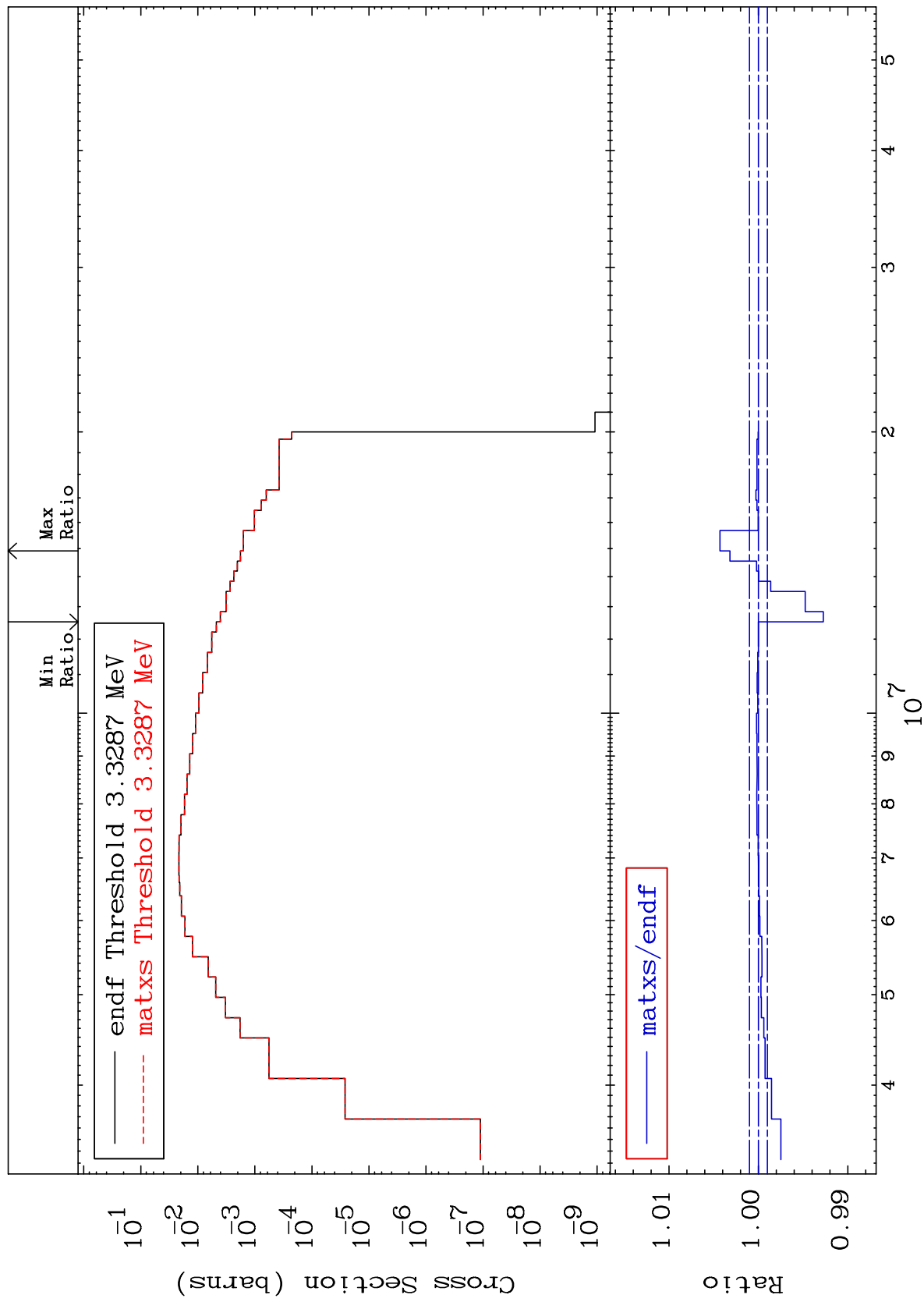
16-S -32
-0.556 To 0.276 %



MAT 1625

2.218 MeV (n,p') Level
Cross Section

16-S -32
-0.726 To 0.430 %



40

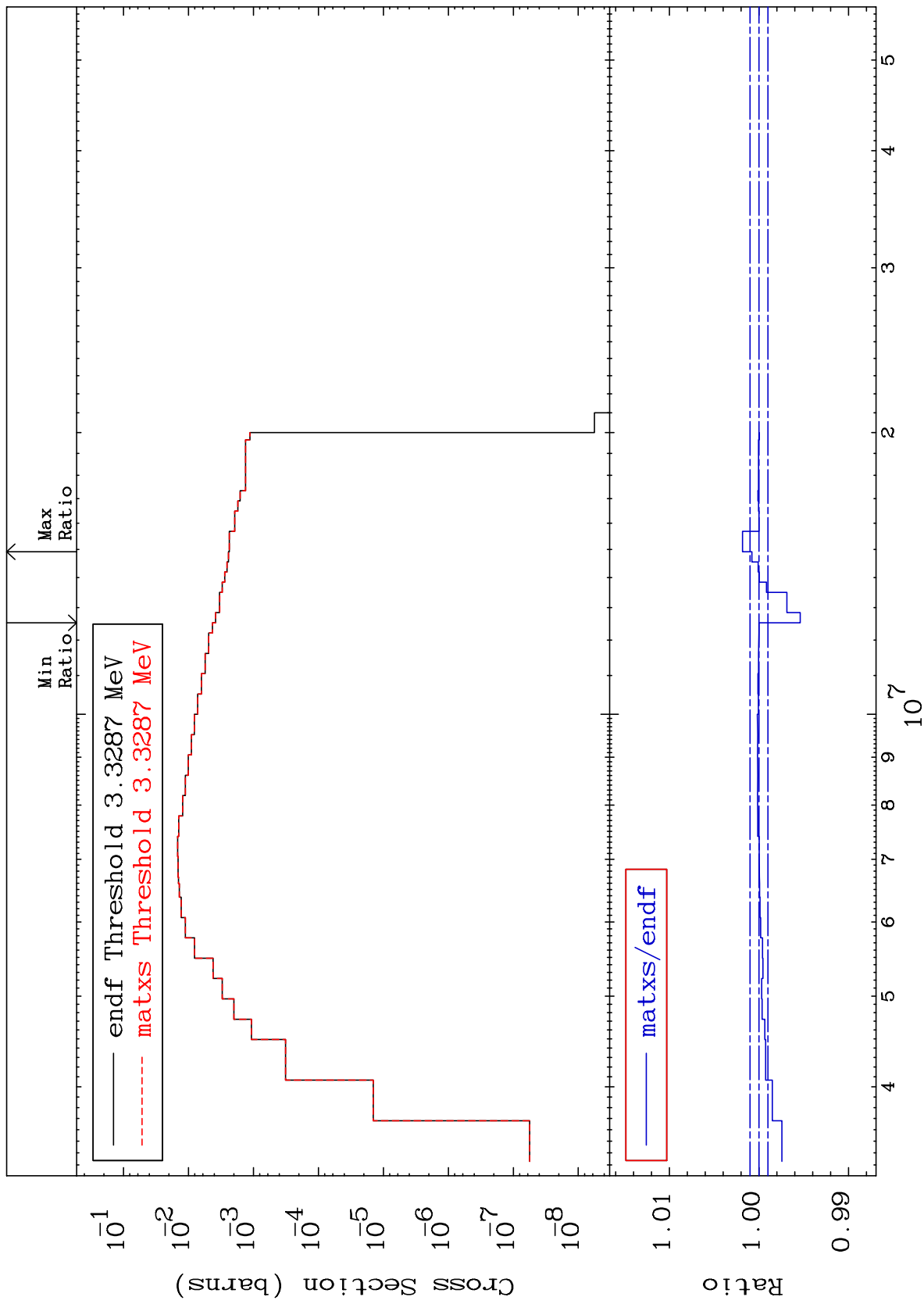
Incident Energy (eV)

16-S -32

MAT 1625

2.230 MeV (n,p') Level
Cross Section

16-S -32
-0.460 To 0.184 %



41

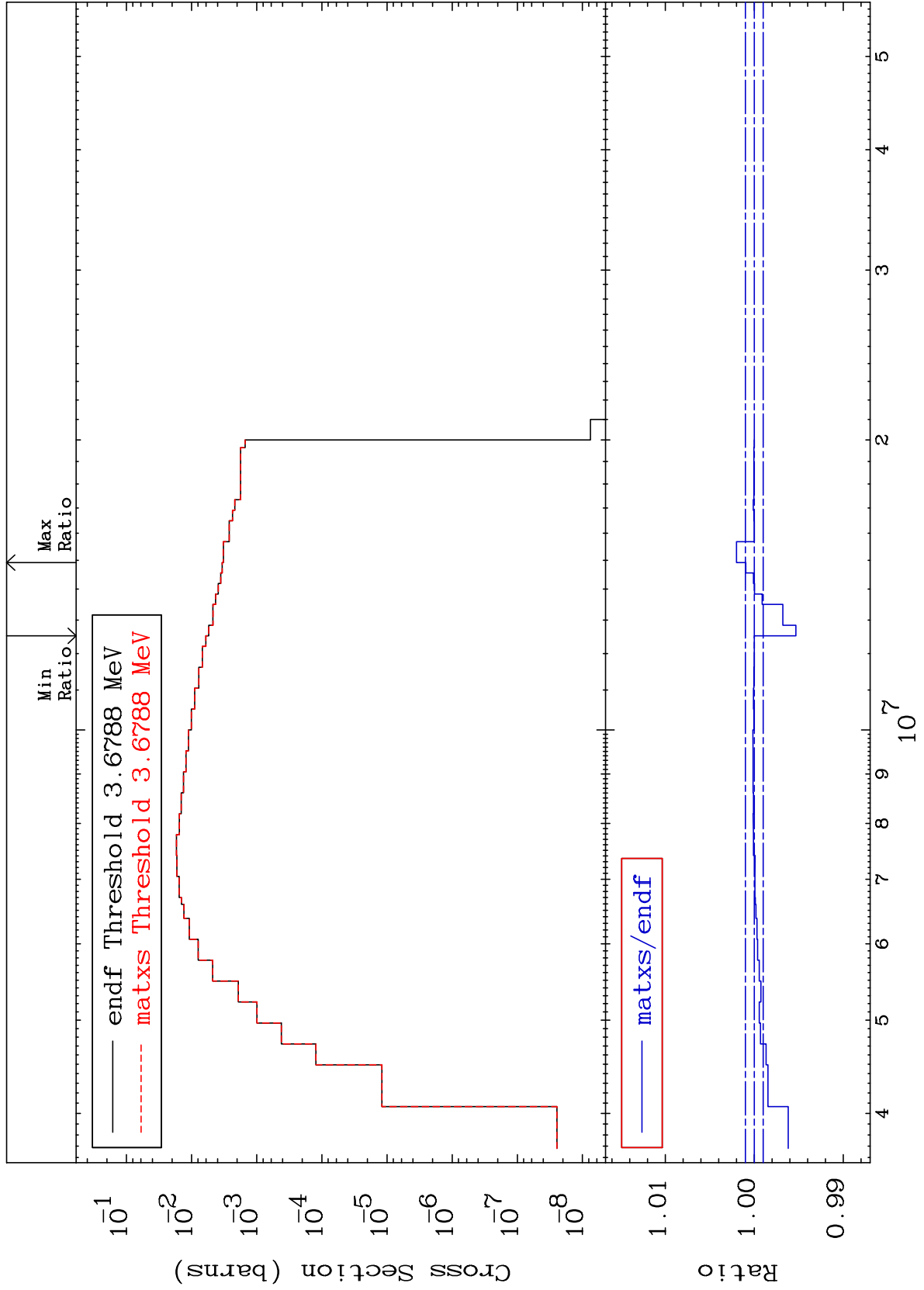
Incident Energy (eV)

16-S -32

MAT 1625

2.658 MeV (n,p') Level
Cross Section

16-S -32
-0.467 To 0.200 %



42

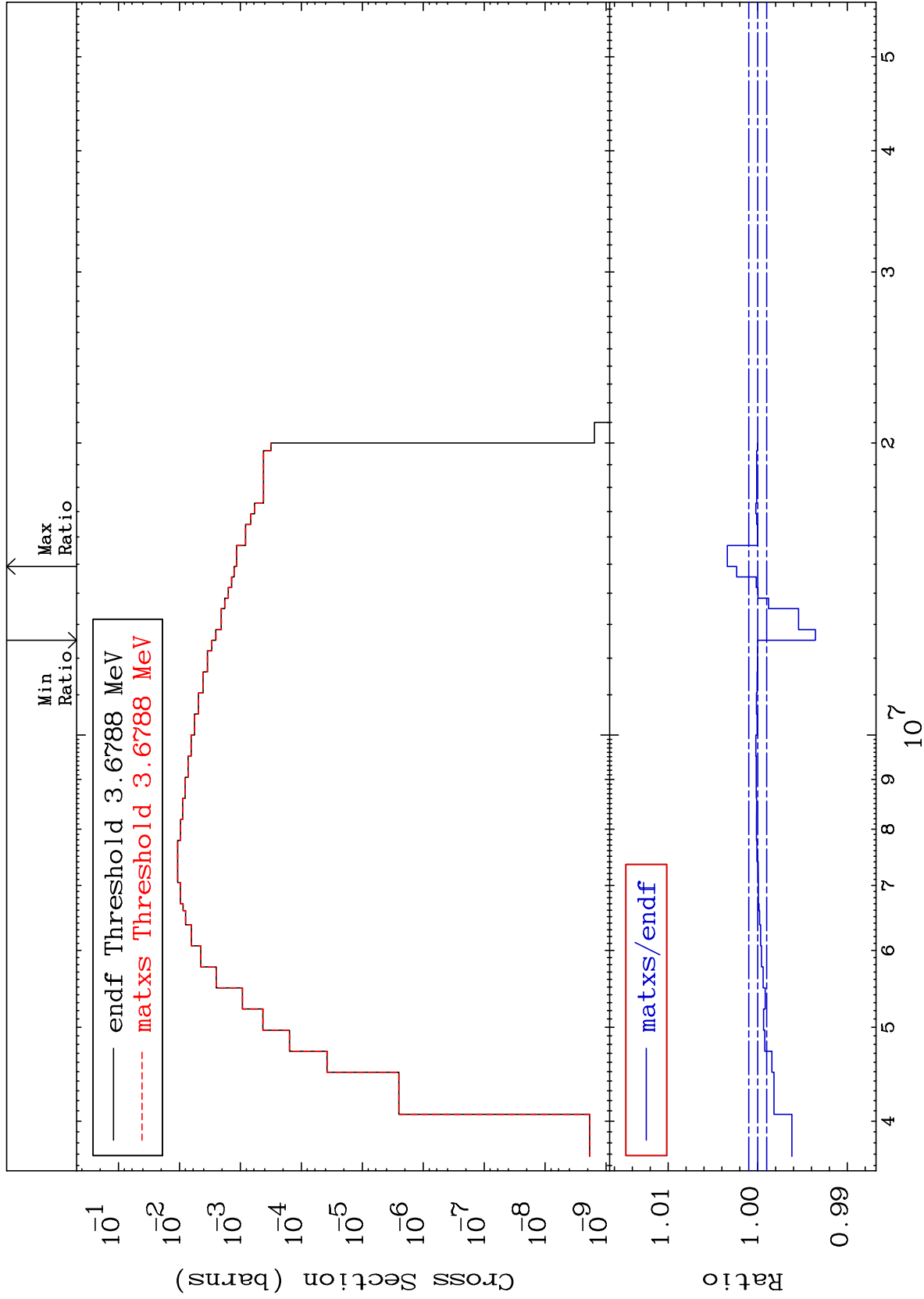
Incident Energy (eV)

16-S -32

MAT 1625

2.740 MeV (n,p') Level
Cross Section

16-S -32
-0.645 To 0.339 %



43

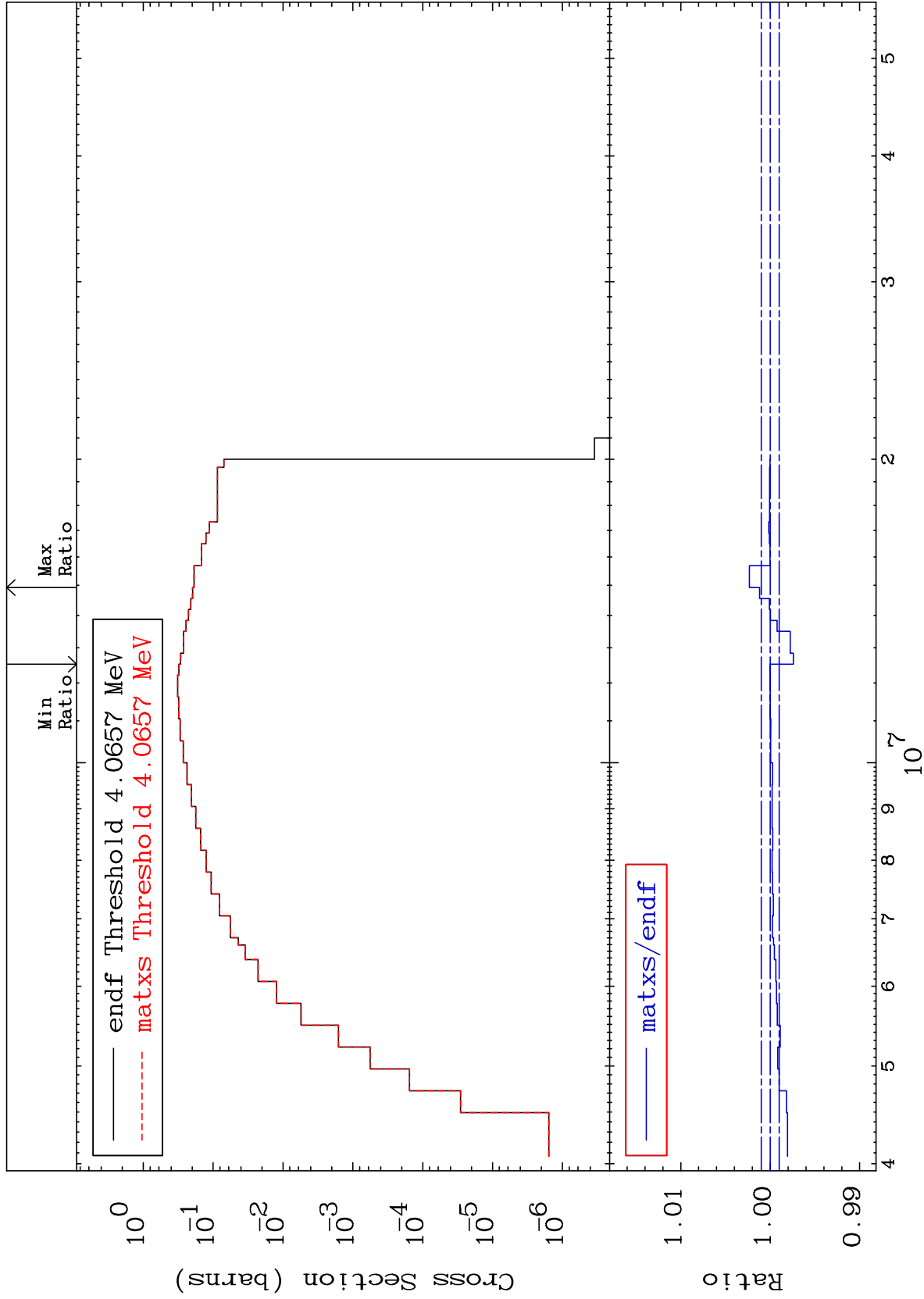
Incident Energy (eV)

16-S -32

MAT 1625

2.740 MeV (n,p') Level
Cross Section

16-S -32
-0.259 To 0.233 %



44

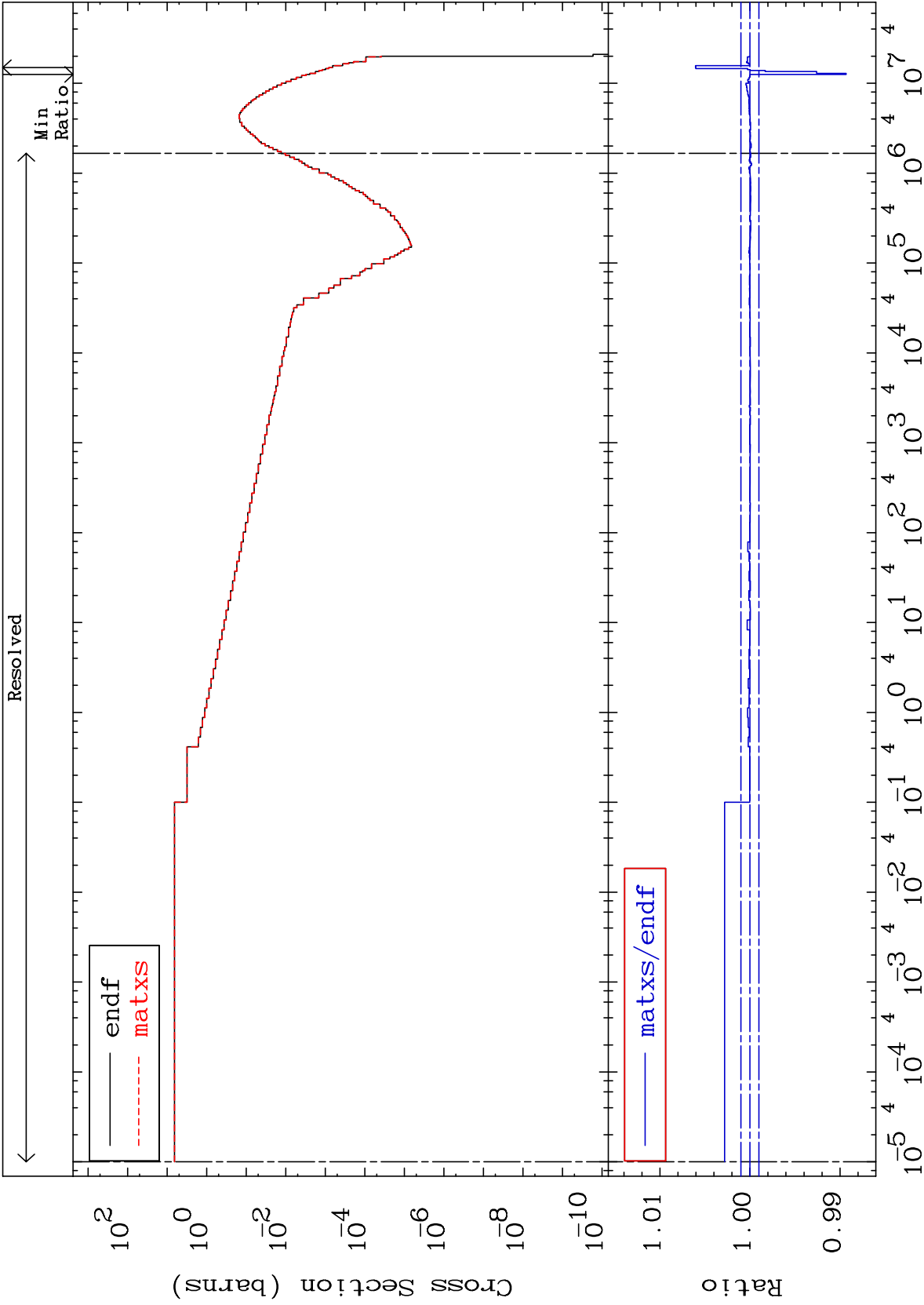
Incident Energy (eV)

16-S -32

MAT 1625

(n, α') Ground
Cross Section

16-S -32
-1.067 To 0.606 %



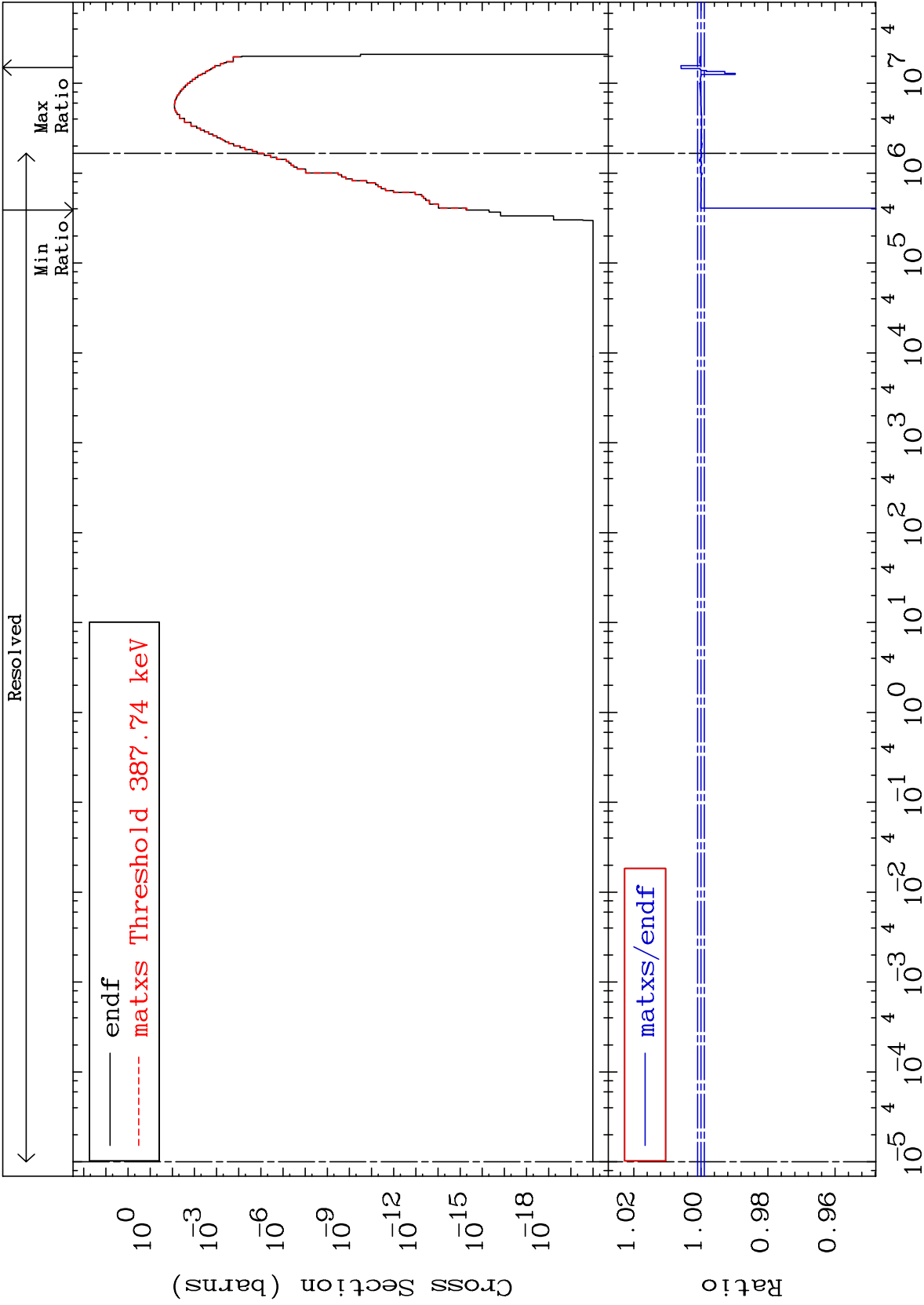
45

16-S -32

MAT 1625

1.273 MeV (n, α') Level
Cross Section

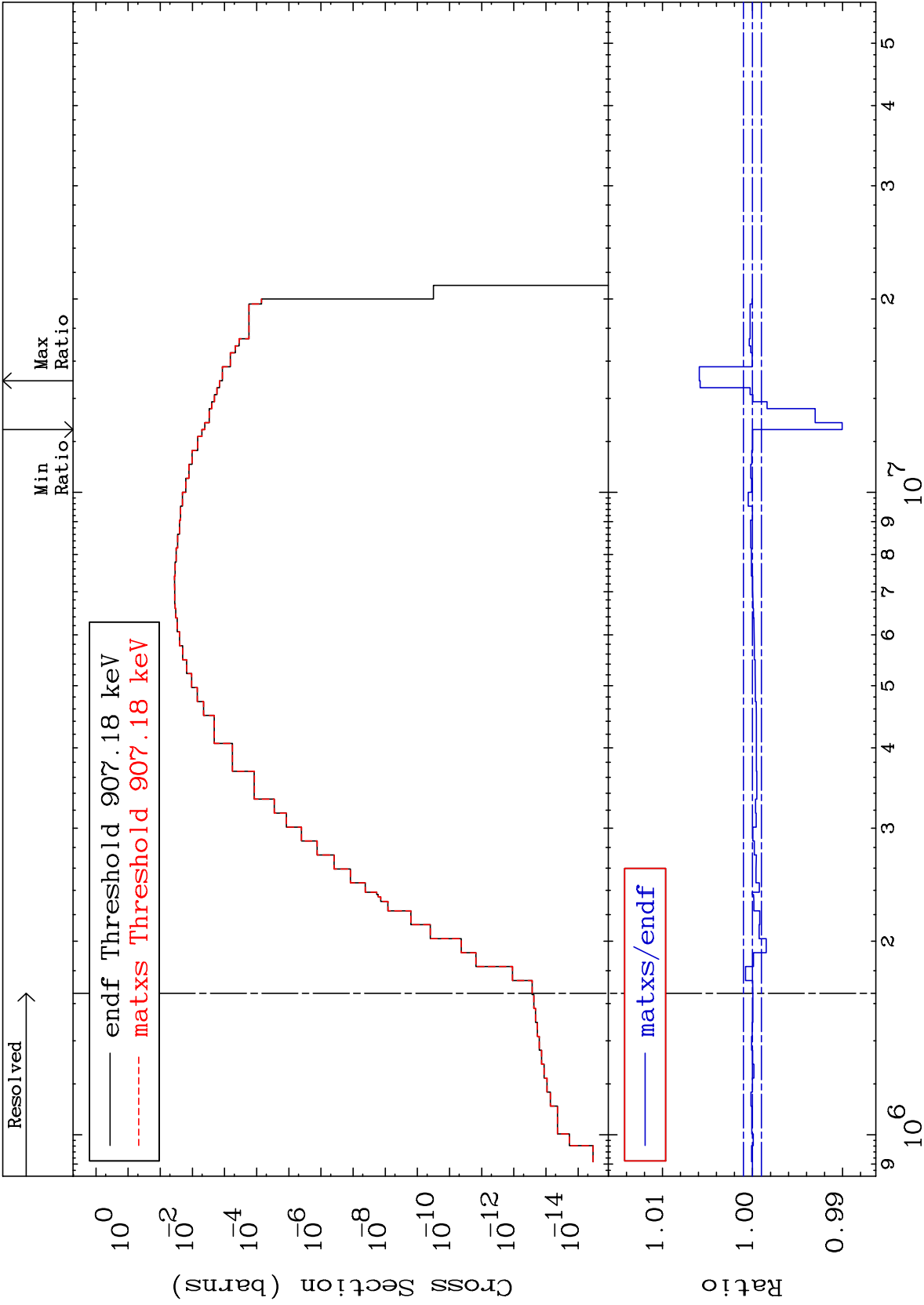
16-S -32
-8.014 To 0.596 %



MAT 1625

2.426 MeV (n, α') Level
Cross Section

16-S -32
-0.996 To 0.591 %



48

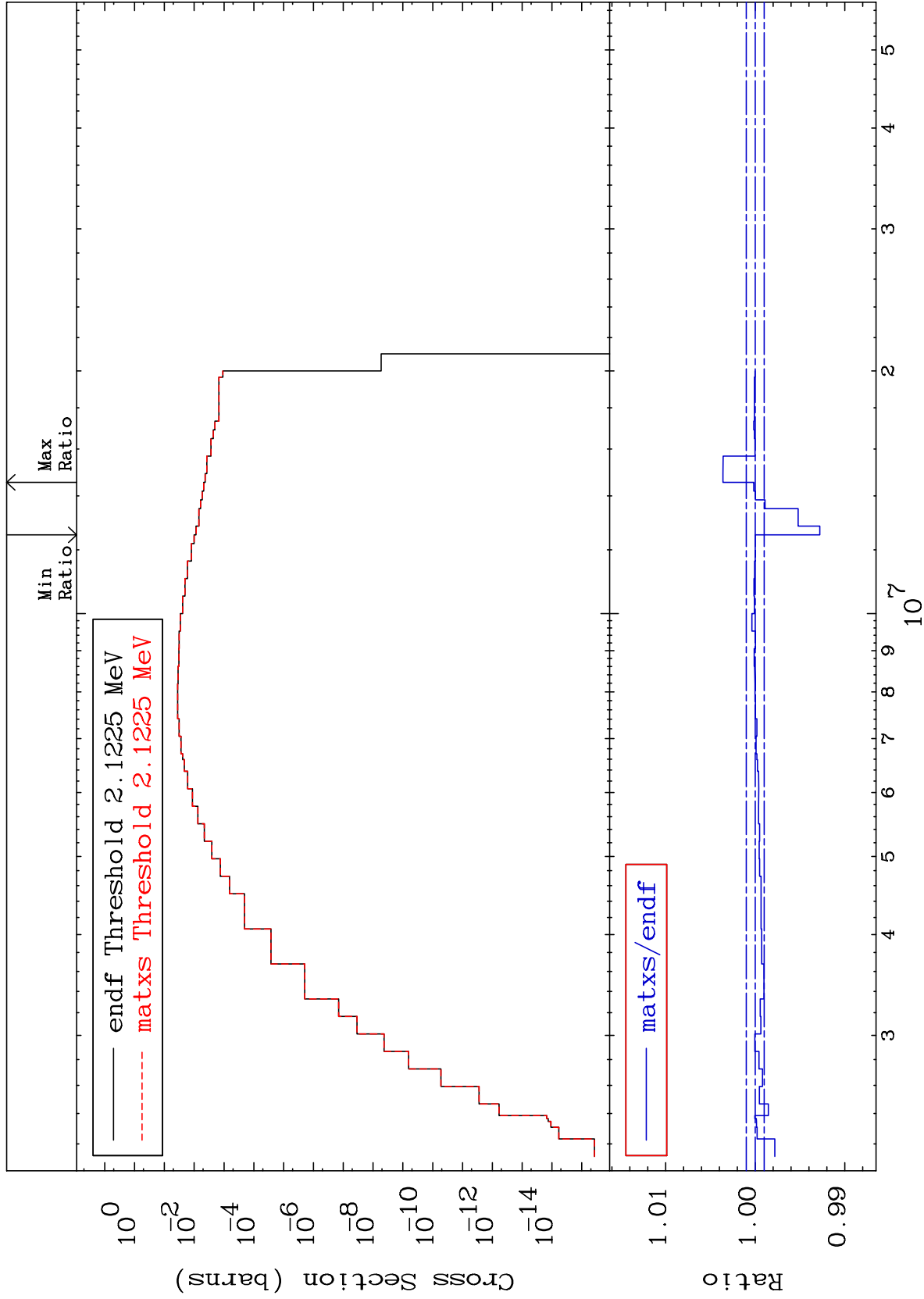
Incident Energy (eV)

16-S -32

MAT 1625

3.067 MeV (n, α') Level
Cross Section

16-S -32
-0.720 To 0.359 %



49

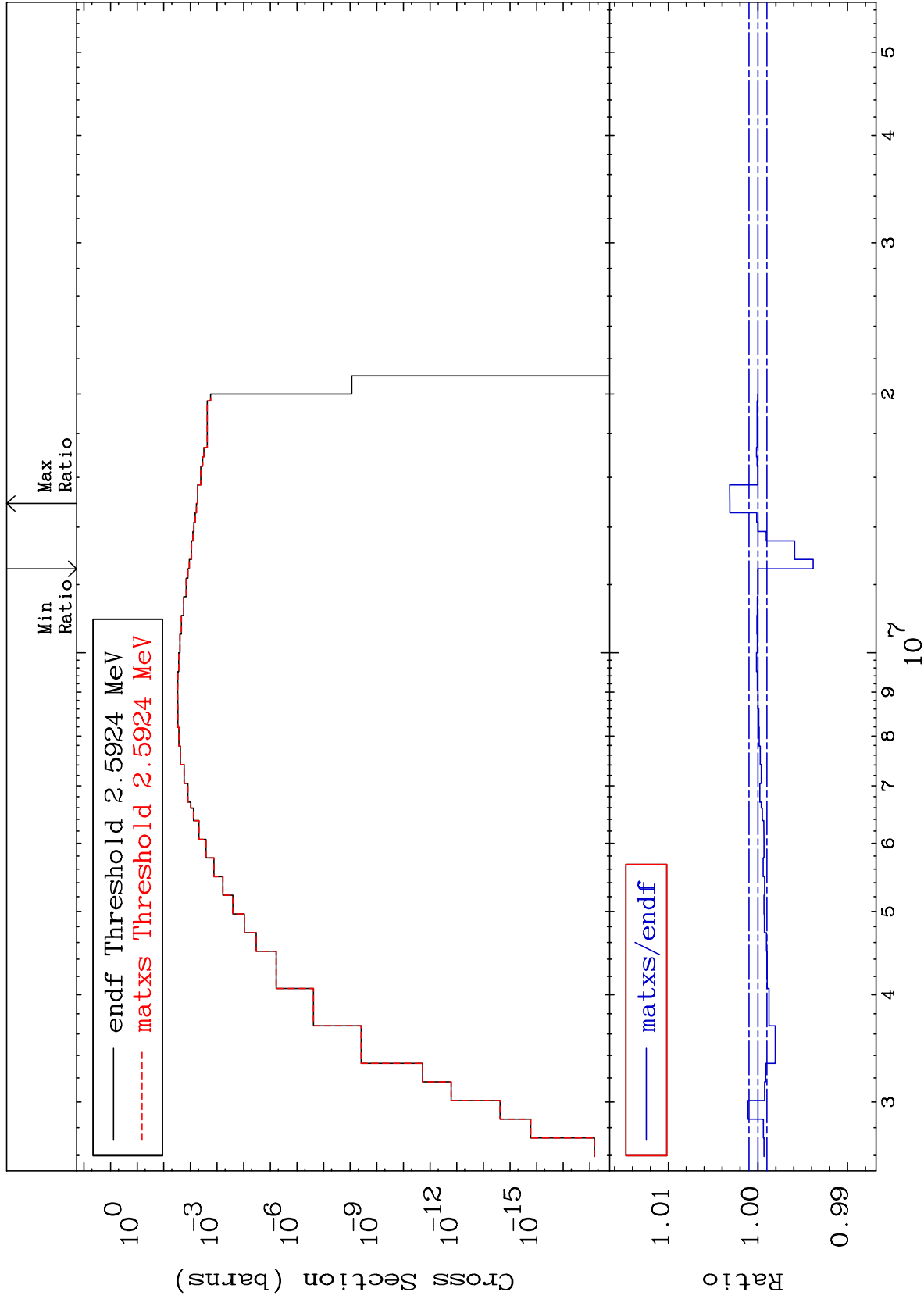
Incident Energy (eV)

16-S -32

MAT 1625

3.624 MeV (n, α') Level
Cross Section

16-S -32
-0.616 To 0.315 %



50

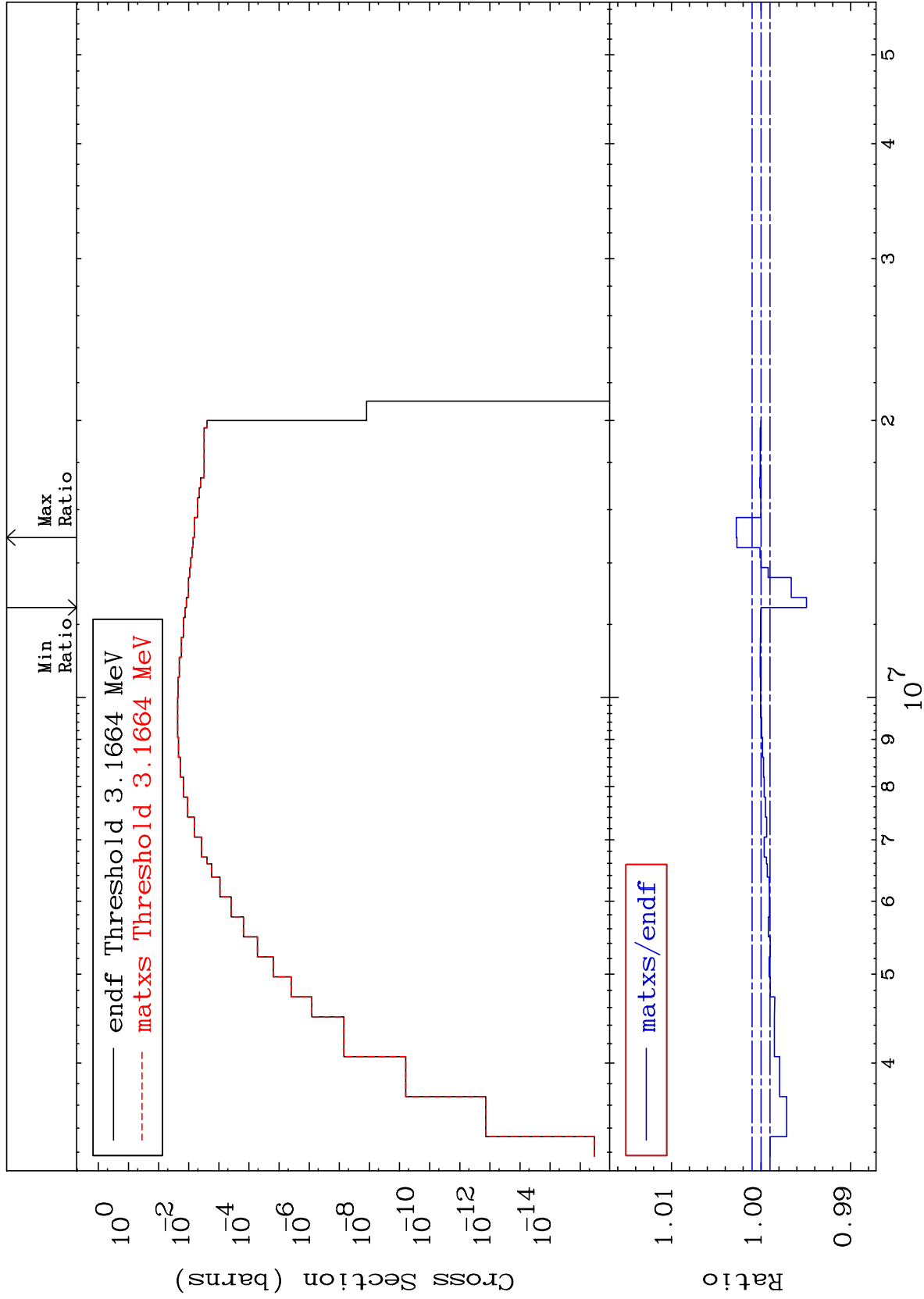
Incident Energy (eV)

16-S -32

MAT 1625

4.080 MeV (n,α') Level
Cross Section

16-S -32
-0.508 To 0.275 %



51

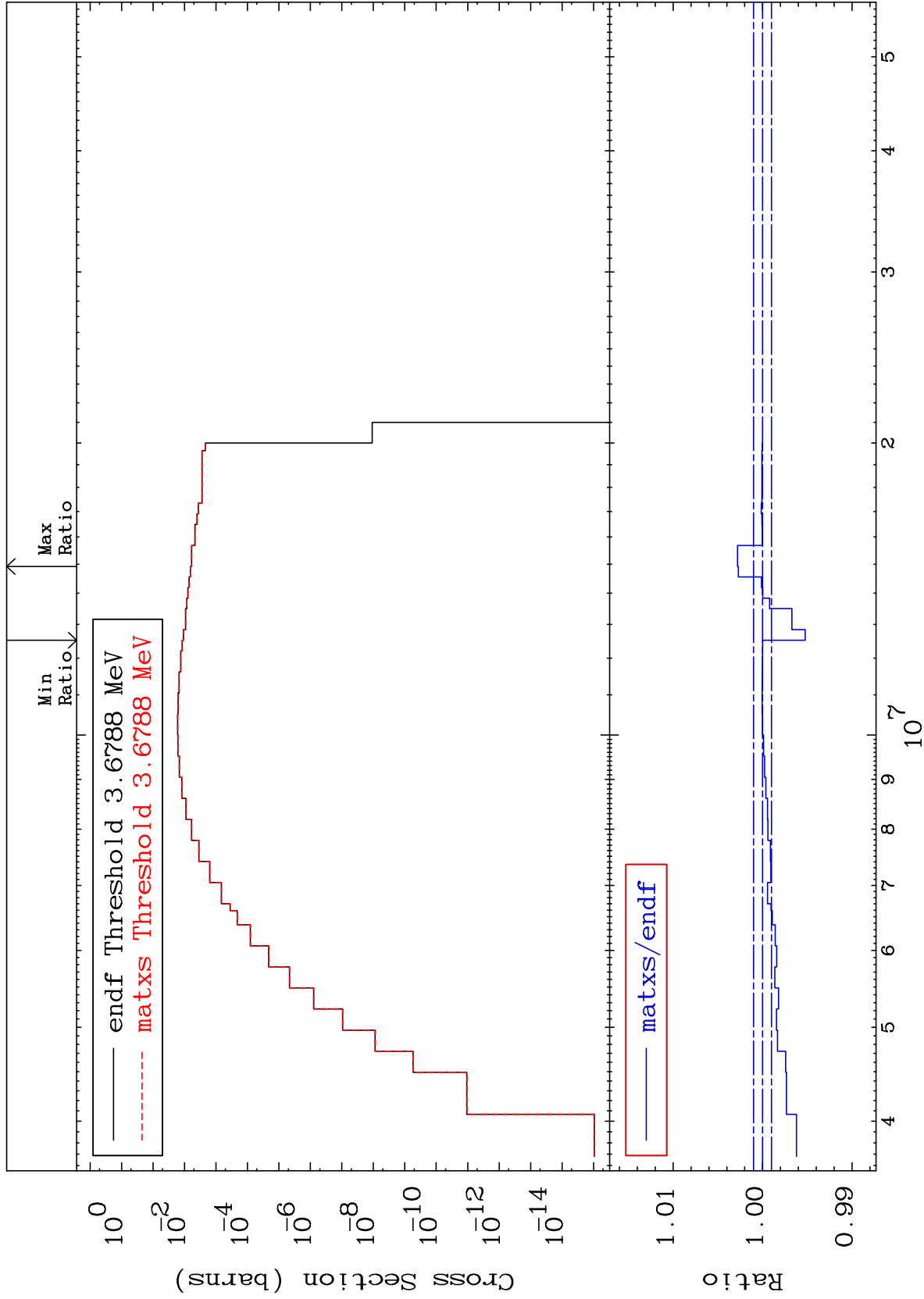
Incident Energy (eV)

16-S -32

MAT 1625

4.741 MeV (n, α') Level
Cross Section

16-S -32
-0.477 To 0.280 %



52

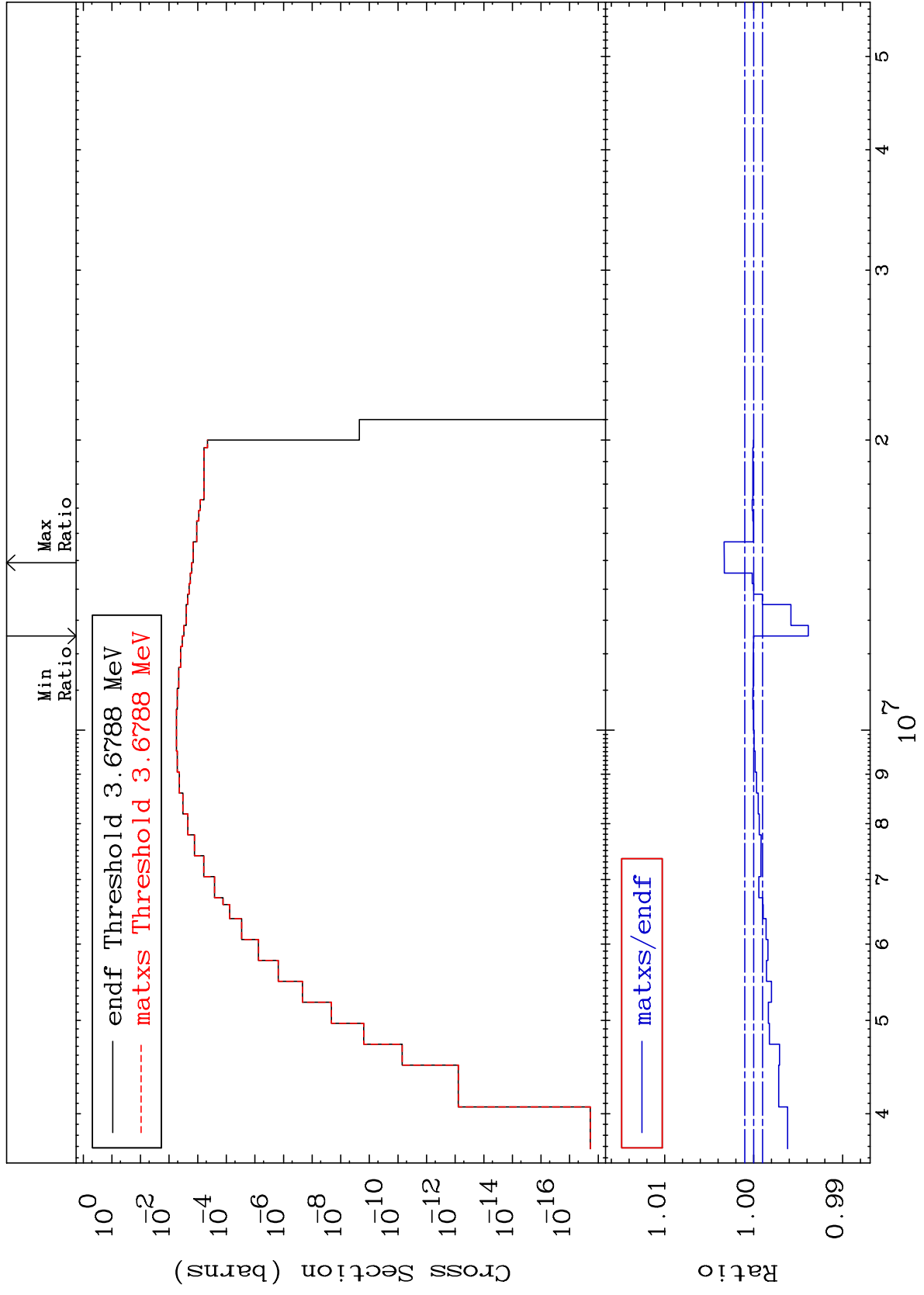
Incident Energy (eV)

16-S -32

MAT 1625

4.840 MeV (n, α') Level
Cross Section

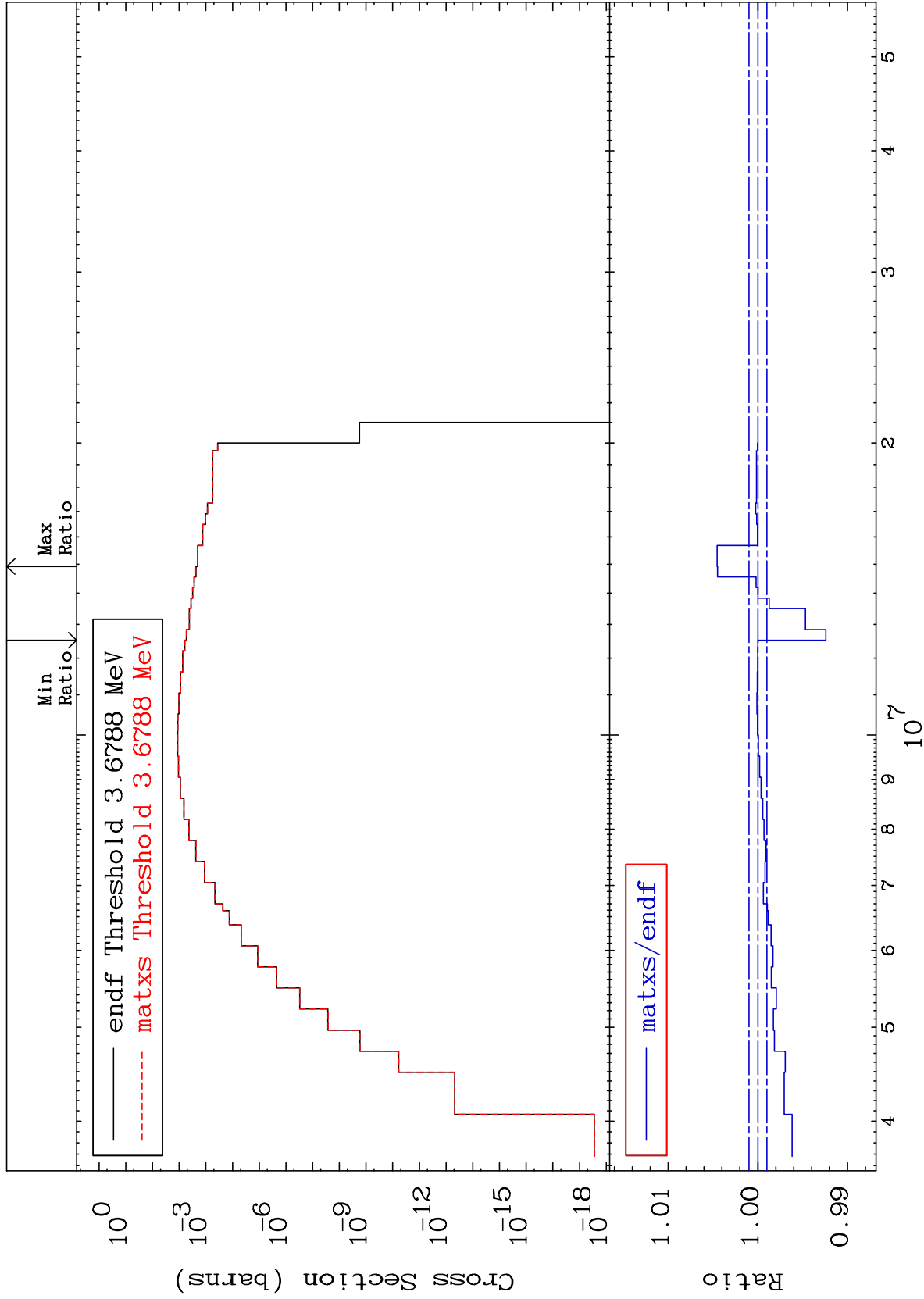
16-S -32
-0.615 To 0.331 %



MAT 1625

4.895 MeV (n, α') Level
Cross Section

16-S -32
-0.758 To 0.456 %



54

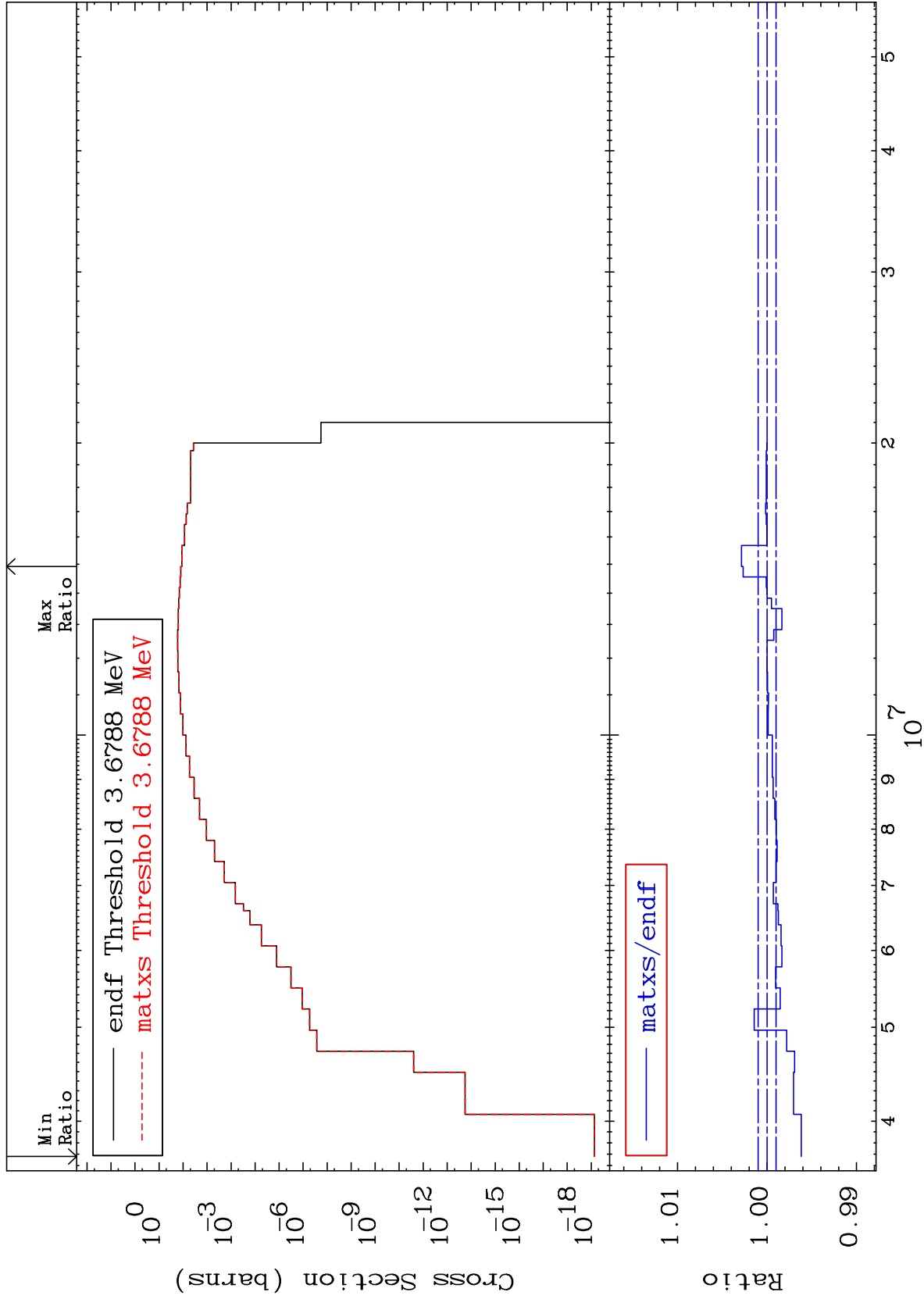
Incident Energy (eV)

16-S -32

MAT 1625

4.895 MeV (n, α') Level
Cross Section

16-S -32
-0.382 To 0.285 %



55

Incident Energy (eV)

16-S -32