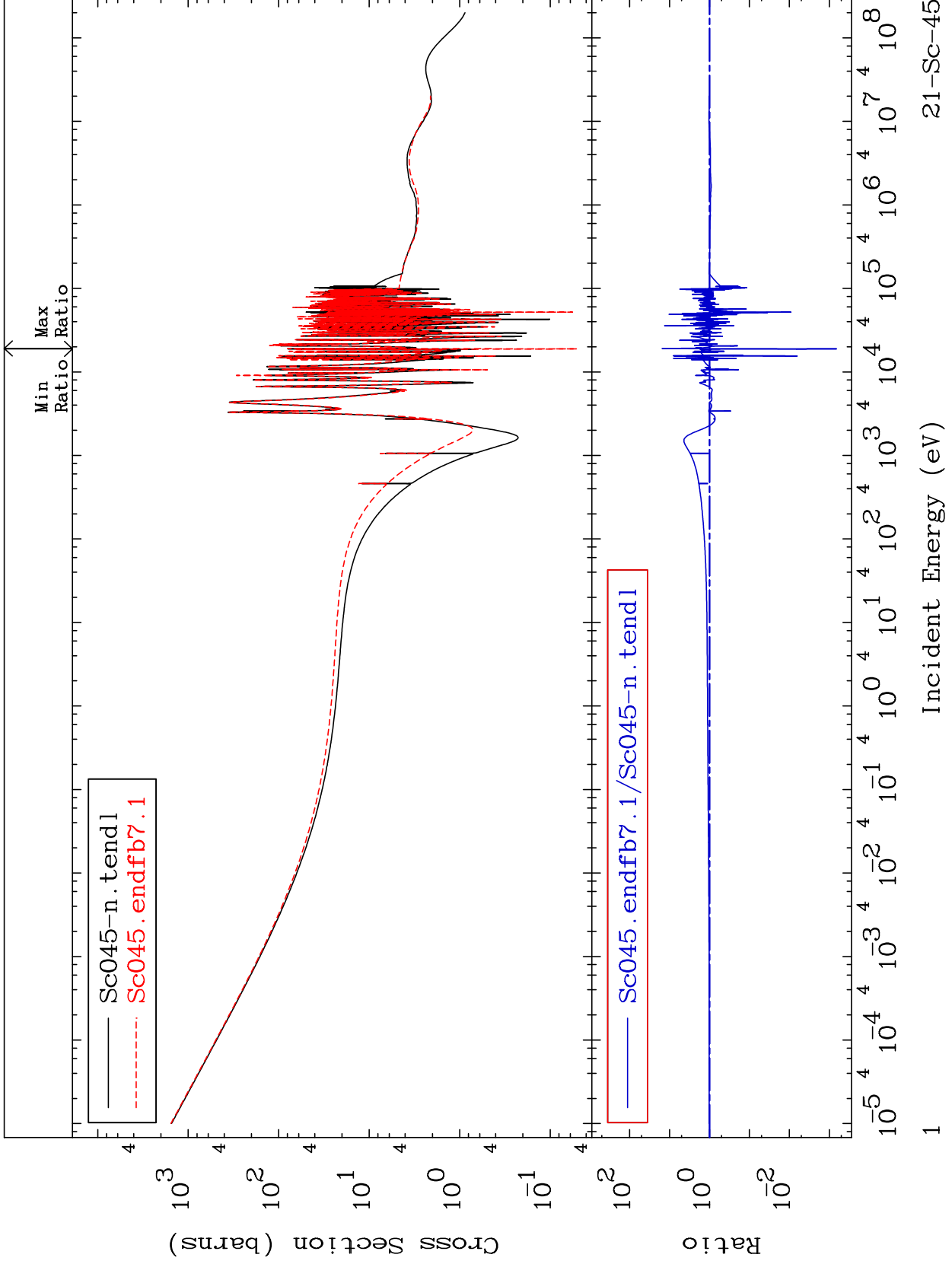


MAT 2125

Total  
Cross Section

21-Sc-45  
-99.93 To 1420. %



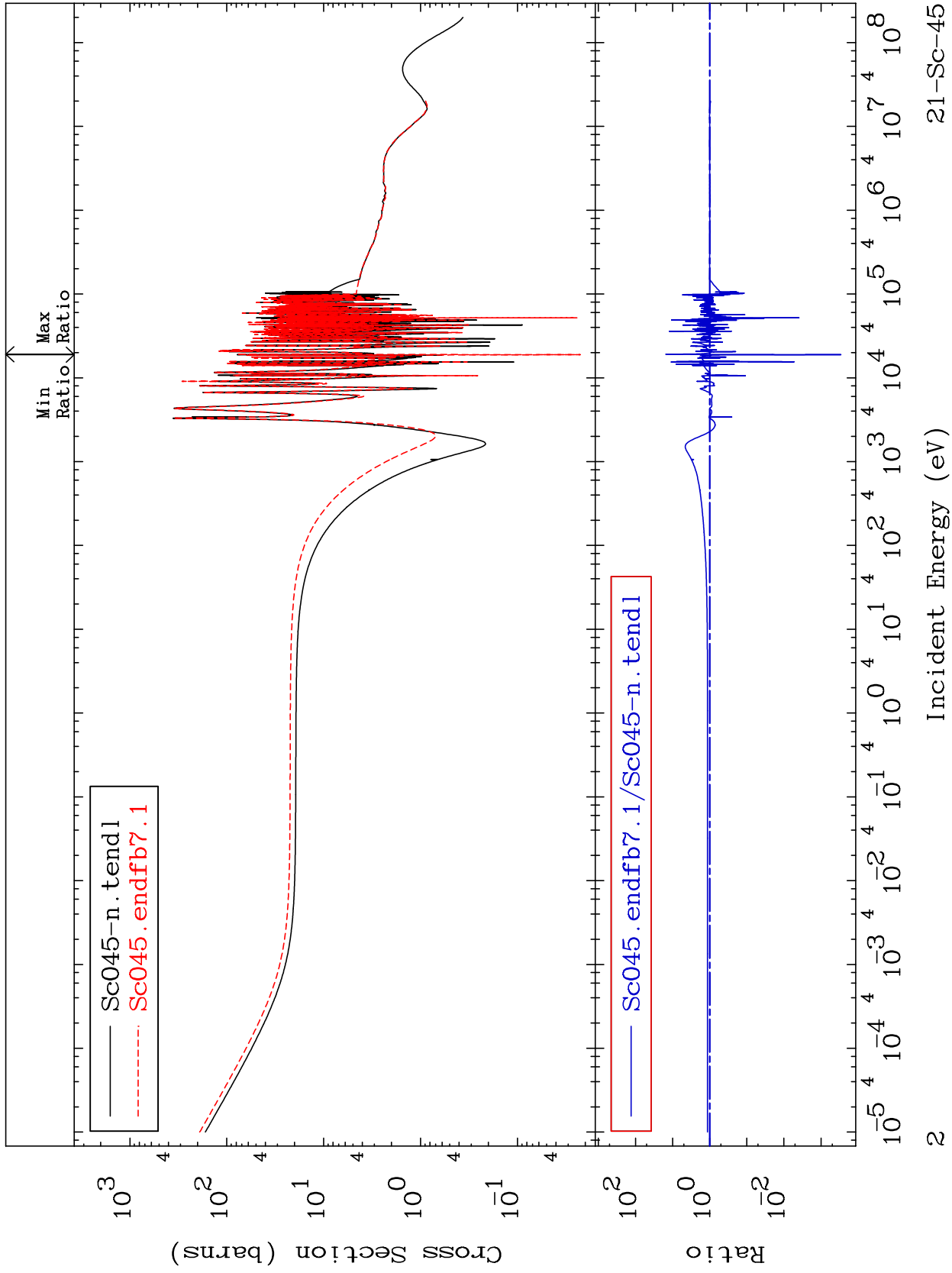
21-Sc-45

Incident Energy (eV)

MAT 2125

Elastic  
Cross Section

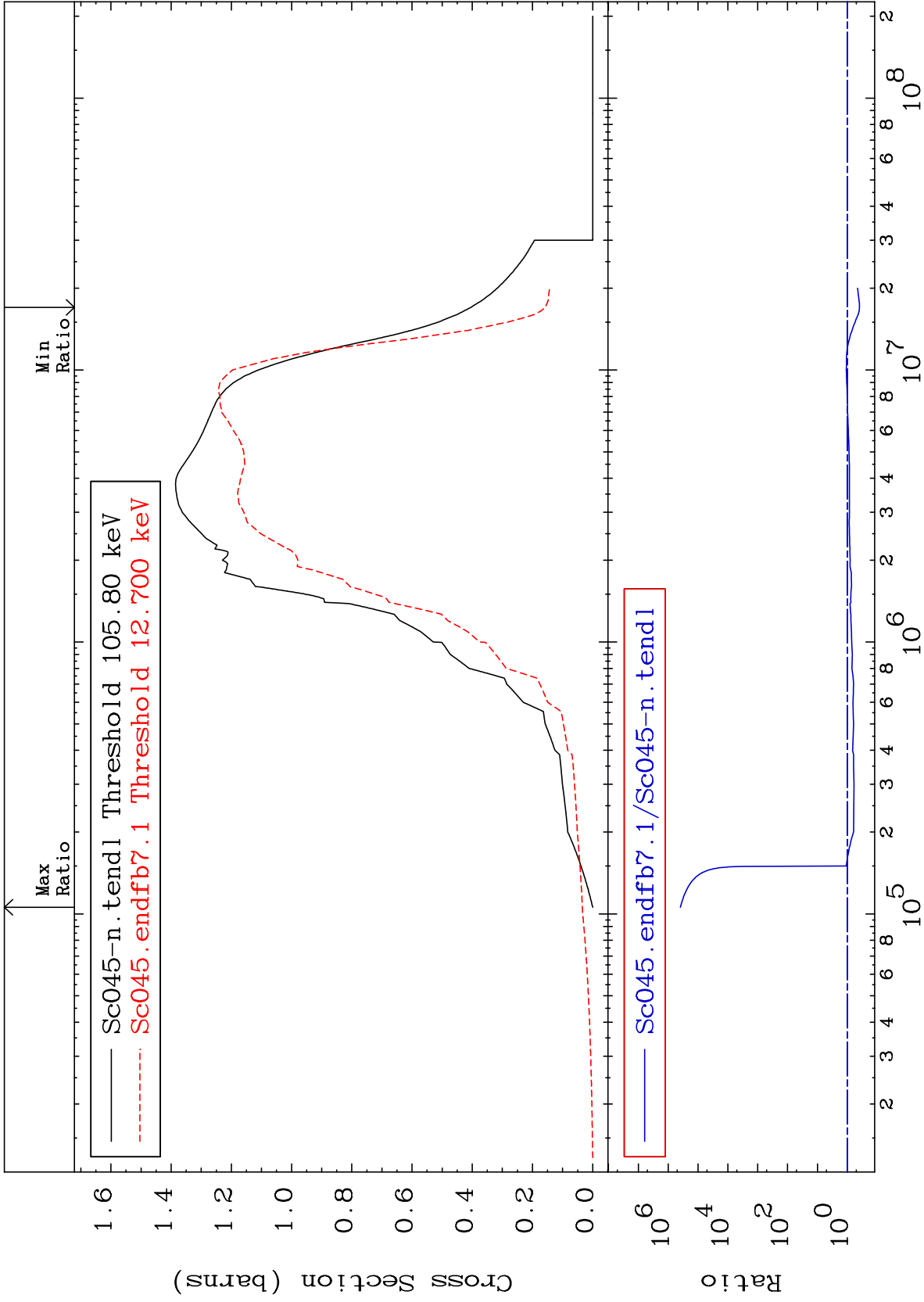
21-Sc-45  
-99.97 To 1410. %



2

Incident Energy (eV)

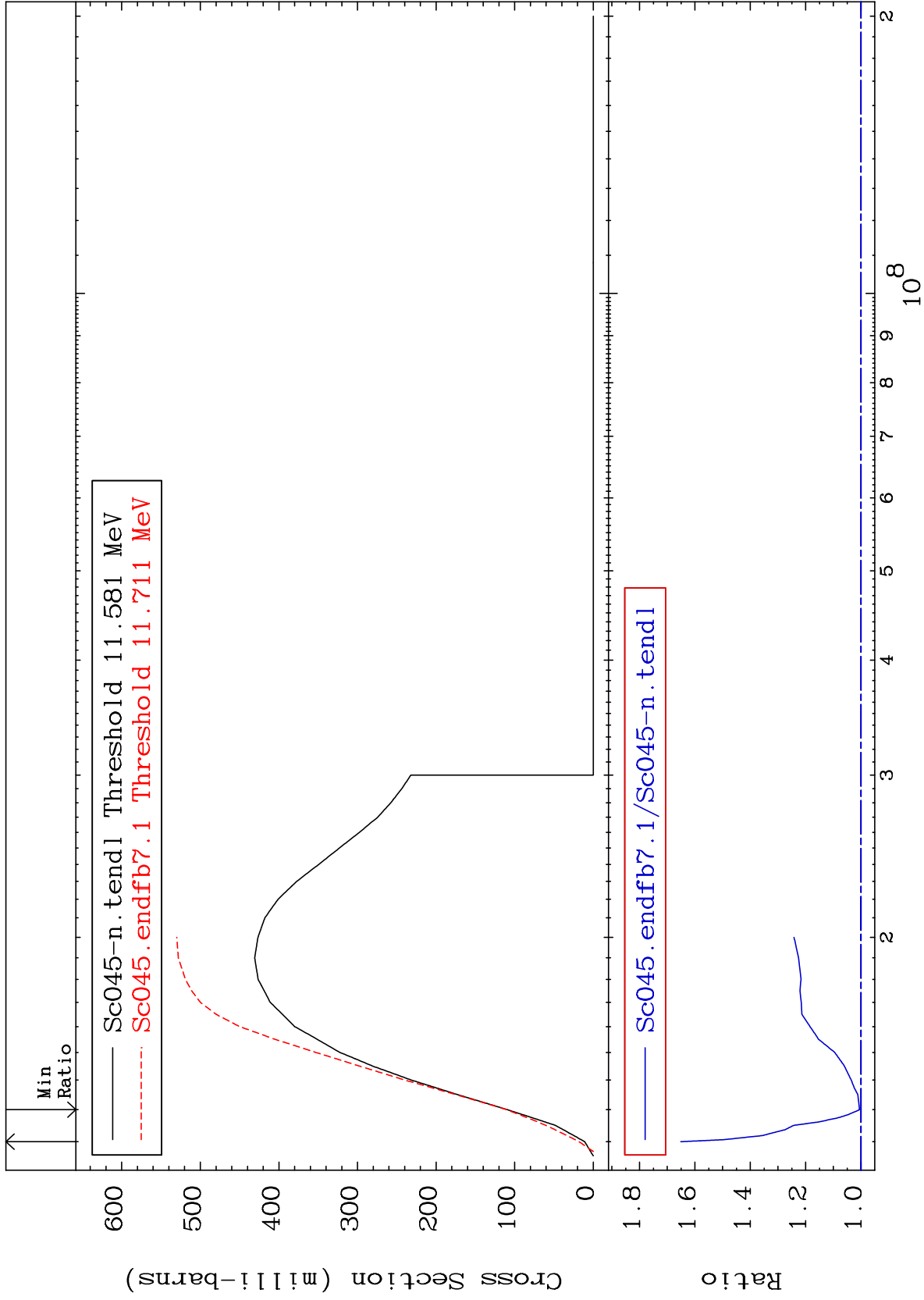
21-Sc-45



MAT 2125

(n,2n)  
Cross Section

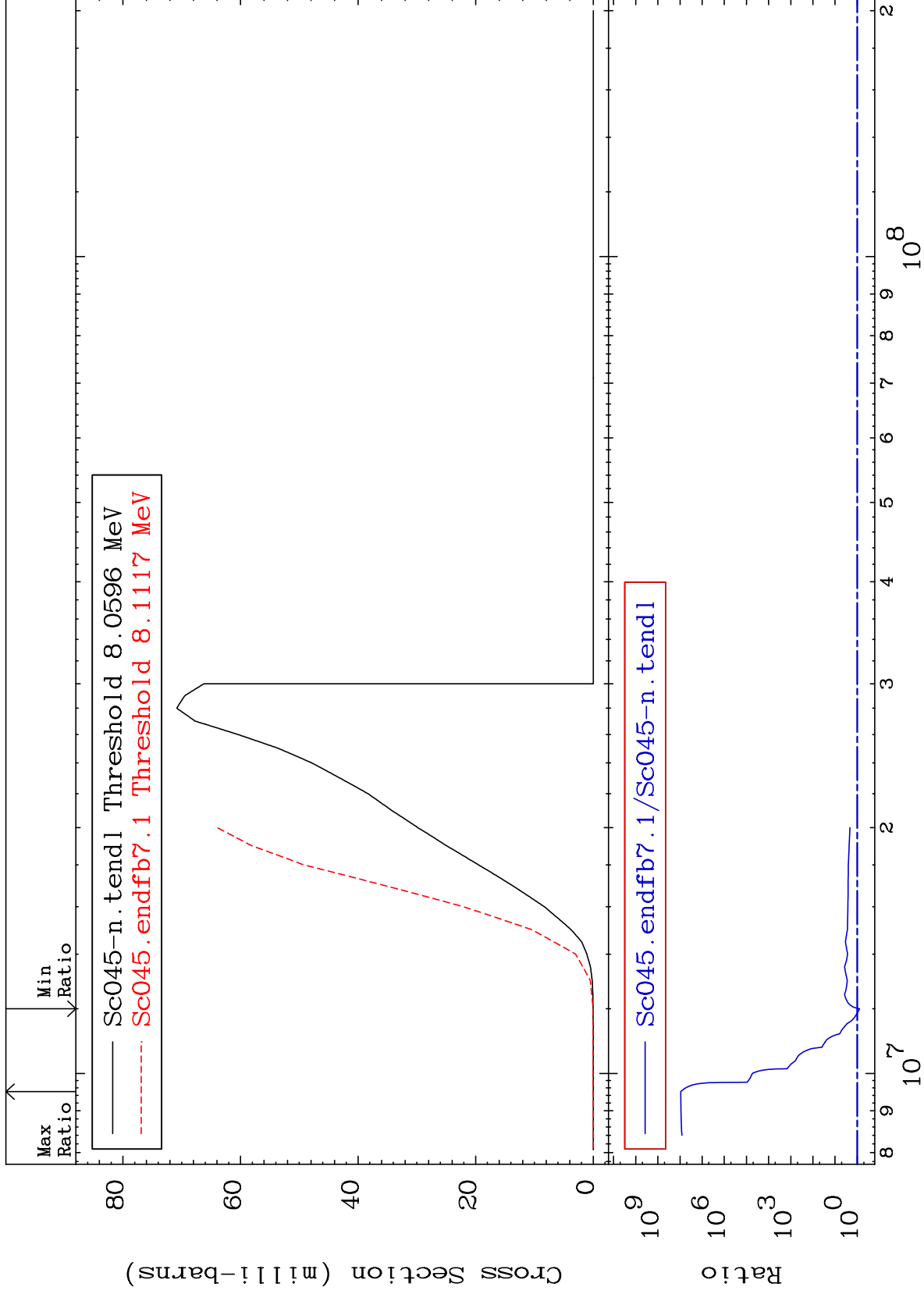
21-Sc-45  
0.549 To 65.12 %



MAT 2125

(n, n')  $\alpha$   
Cross Section

21-Sc-45  
-21.44 To 9999. %



5

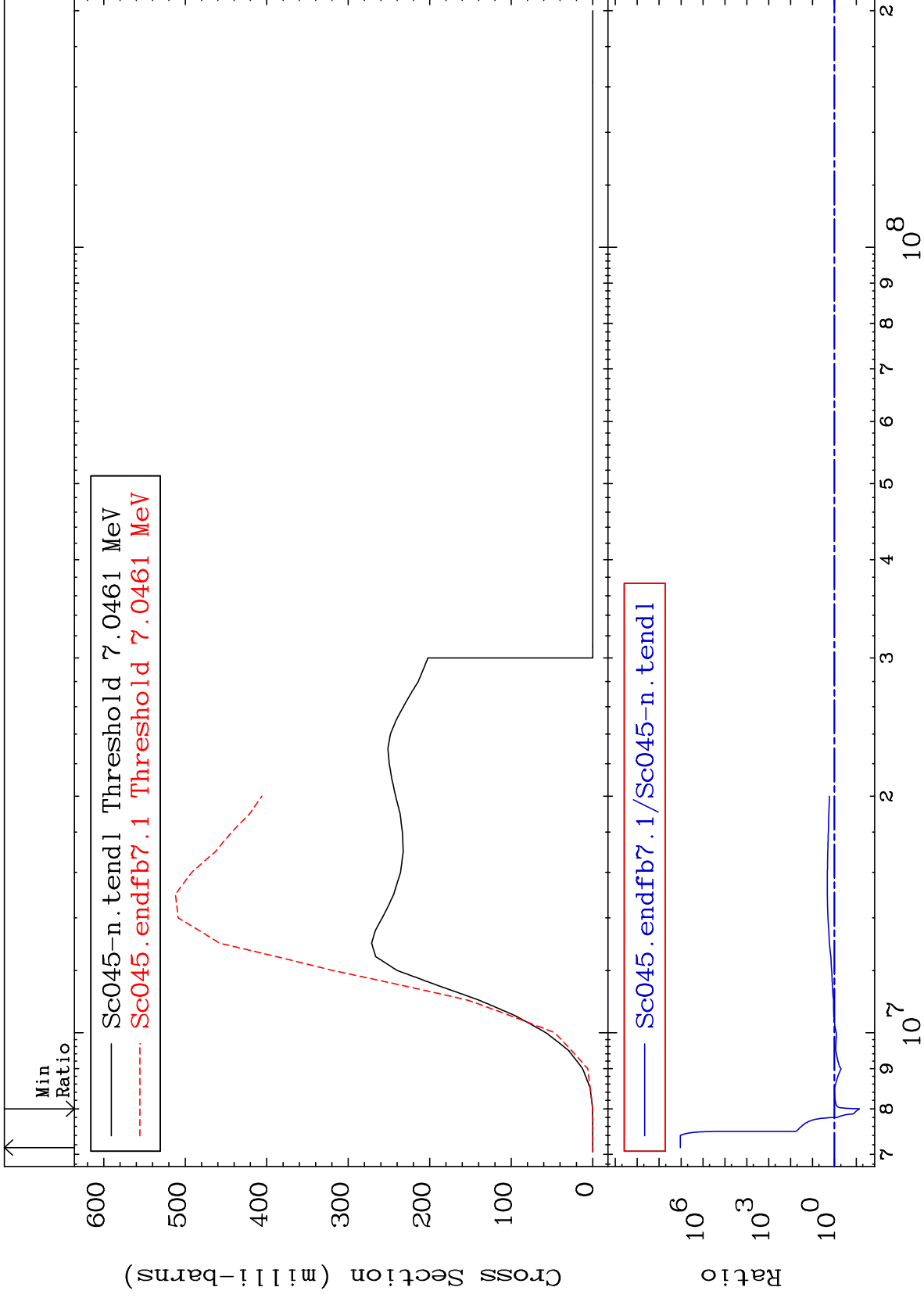
Incident Energy (eV)

21-Sc-45

MAT 2125

(n,n') p  
Cross Section

21-Sc-45  
-92.83 To 9999. %



6

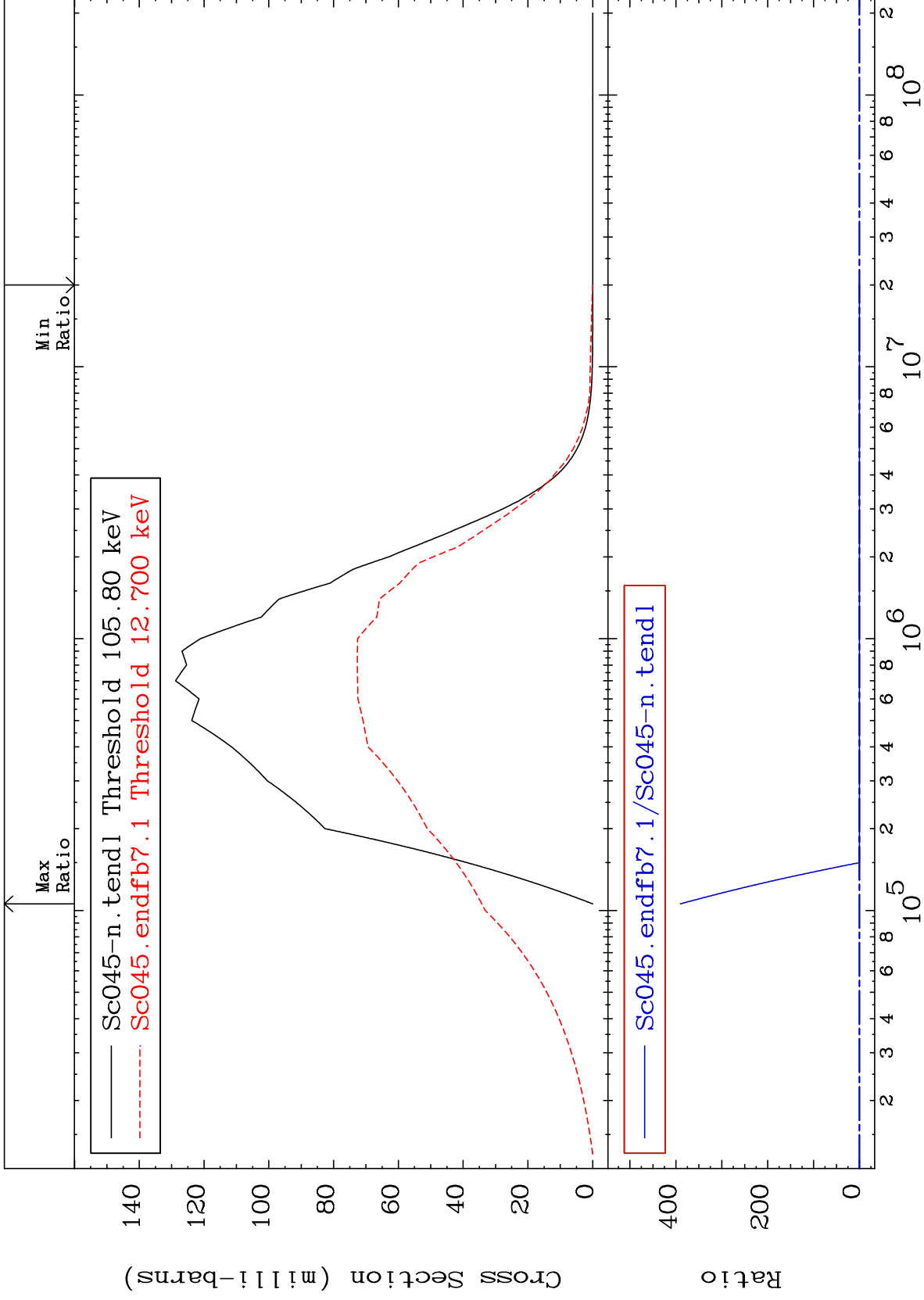
Incident Energy (eV)

21-Sc-45

MAT 2125

12.40 keV (n,n') Level  
Cross Section

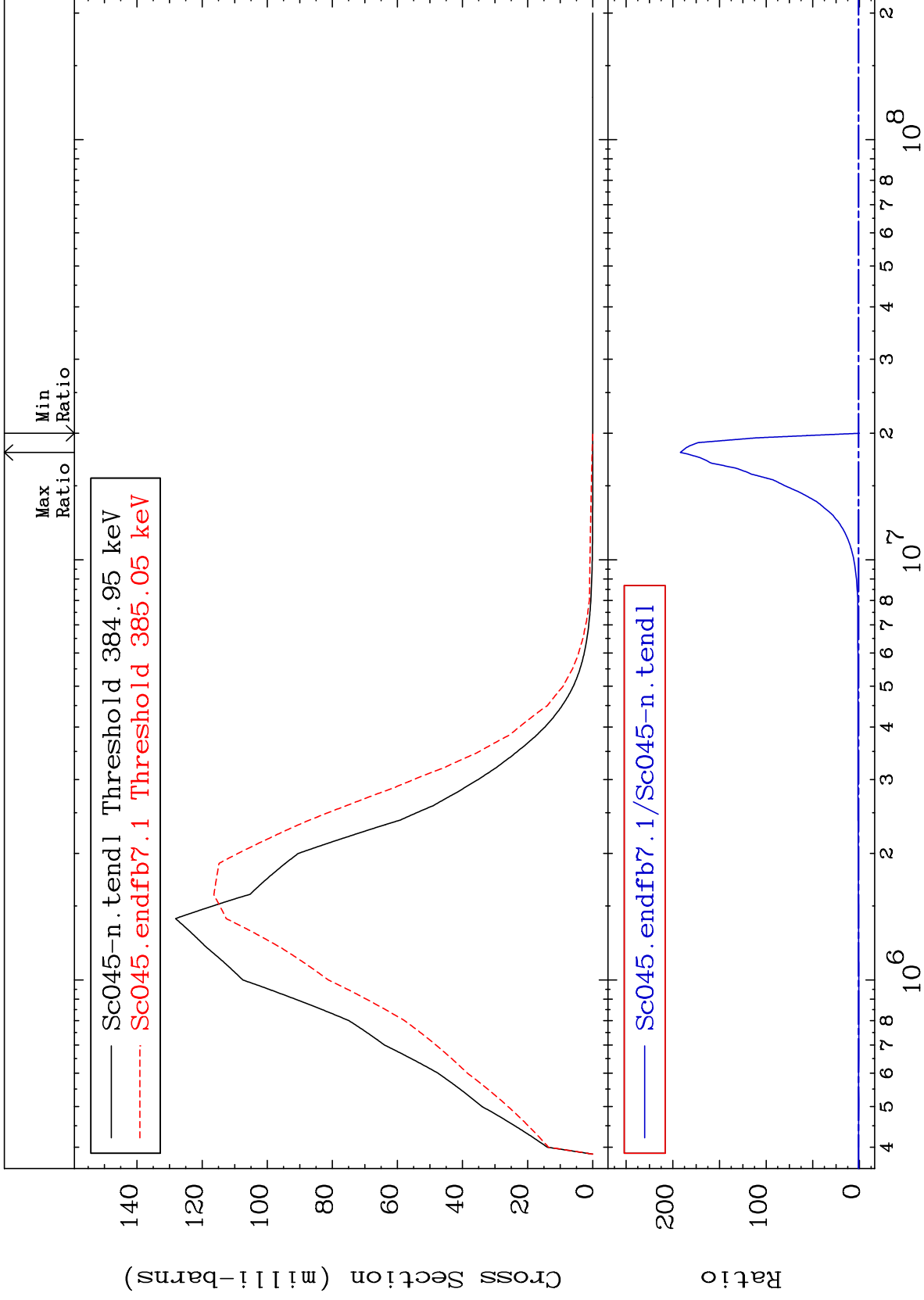
21-Sc-45  
-100.0 To 9999. %



MAT 2125

376.5 keV (n,n') Level  
Cross Section

21-Sc-45  
-100.0 To 9999. %



8

Incident Energy (eV)

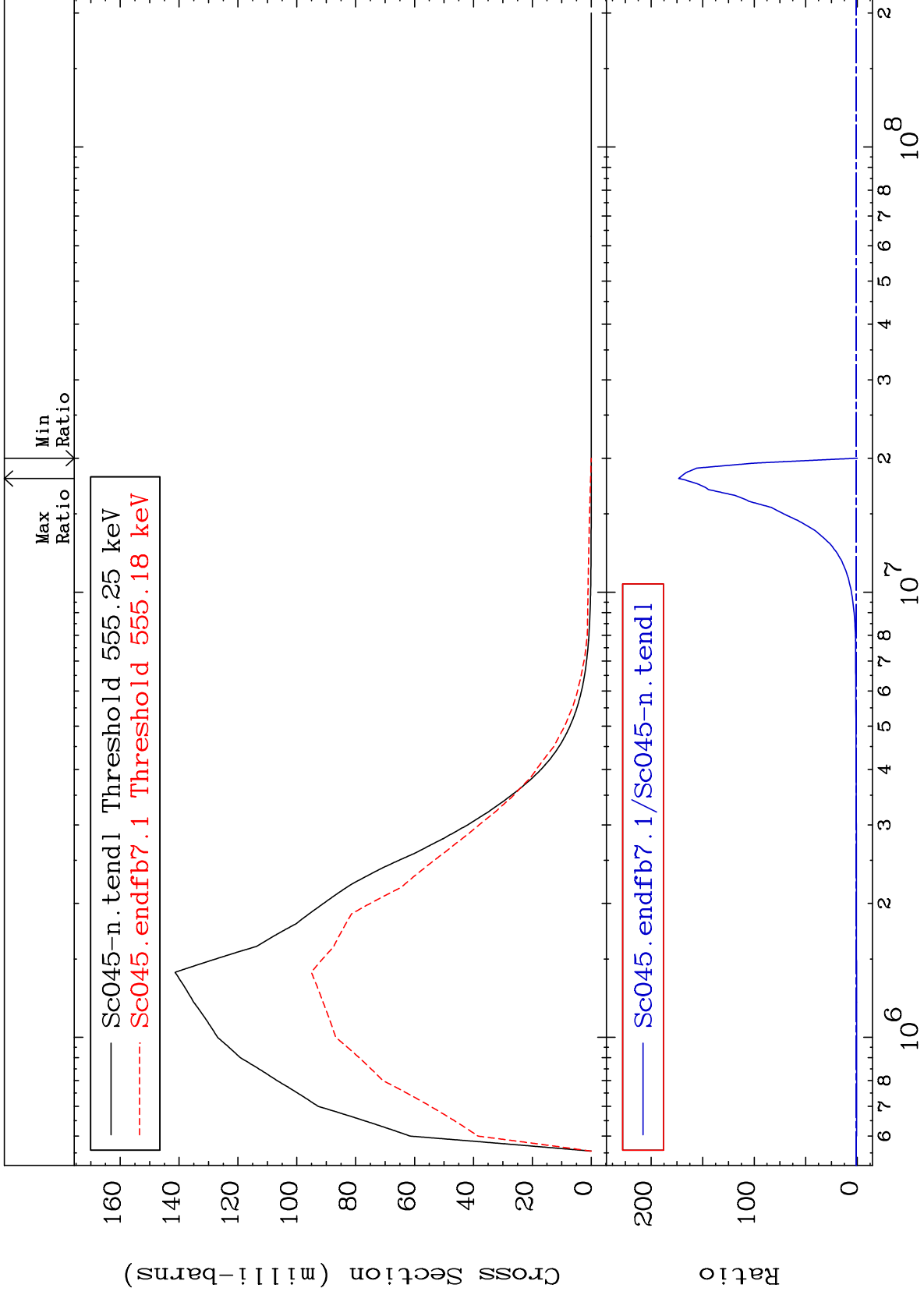
21-Sc-45



MAT 2125

543.1 keV (n,n') Level  
Cross Section

21-Sc-45  
-100.0 To 9999. %



9

Incident Energy (eV)

21-Sc-45

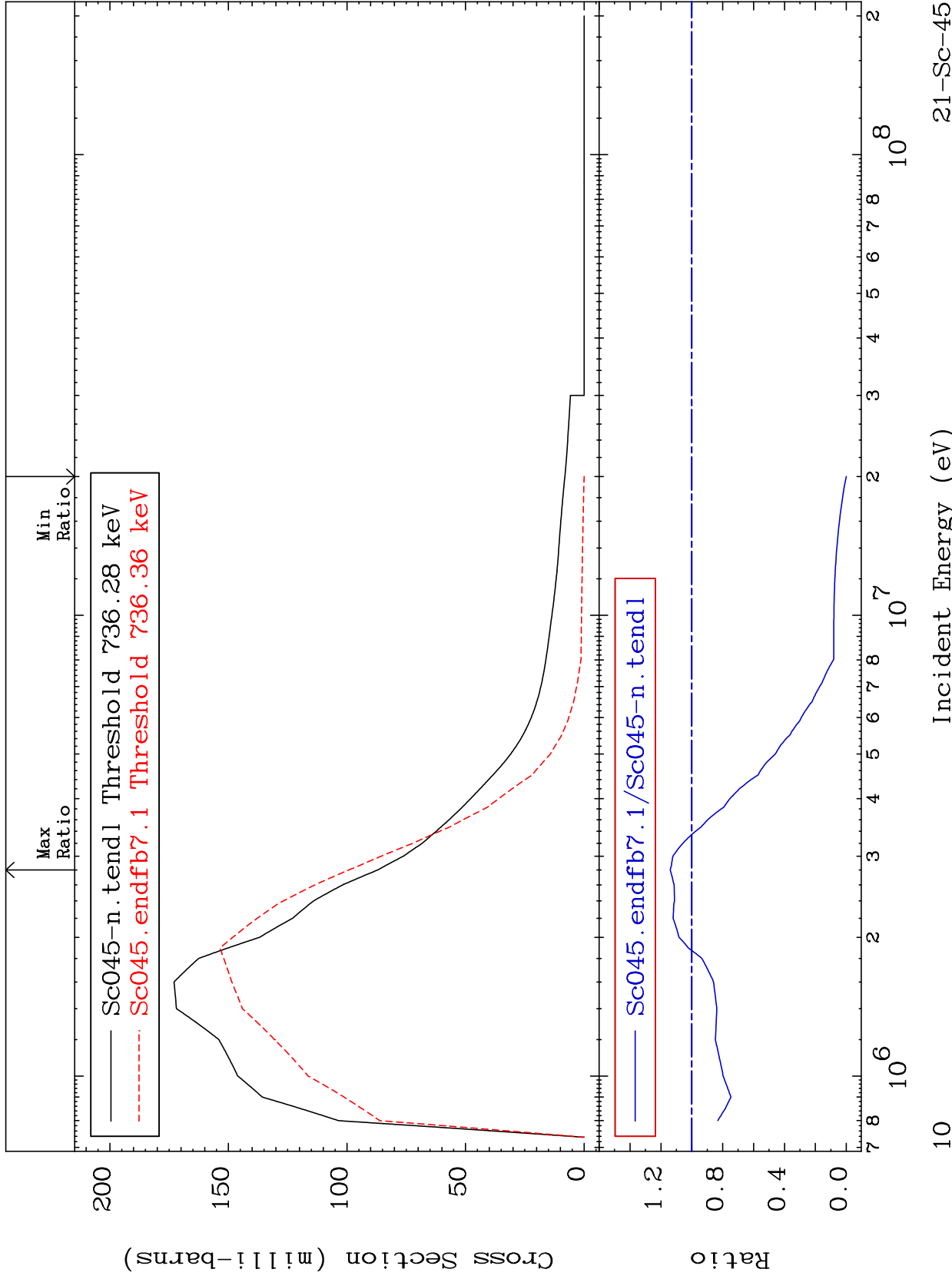
MAT 2125

720.1 keV (n,n') Level

21-Sc-45

-100.0 To 13.94 %

Cross Section



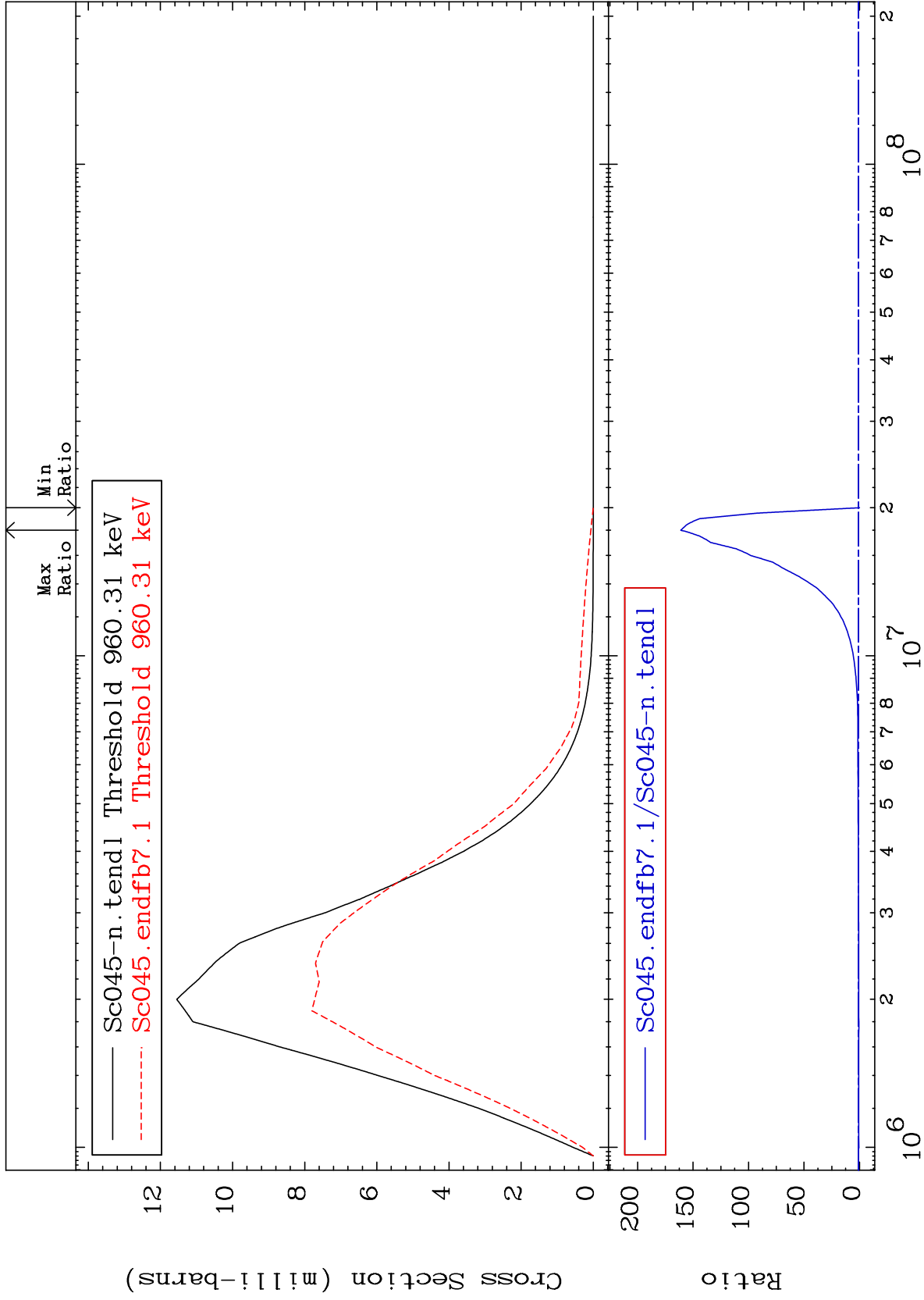
MAT 2125

939.2 keV (n,n') Level

21-Sc-45

-100.0 To 9999. %

Cross Section



Incident Energy (eV)

21-Sc-45

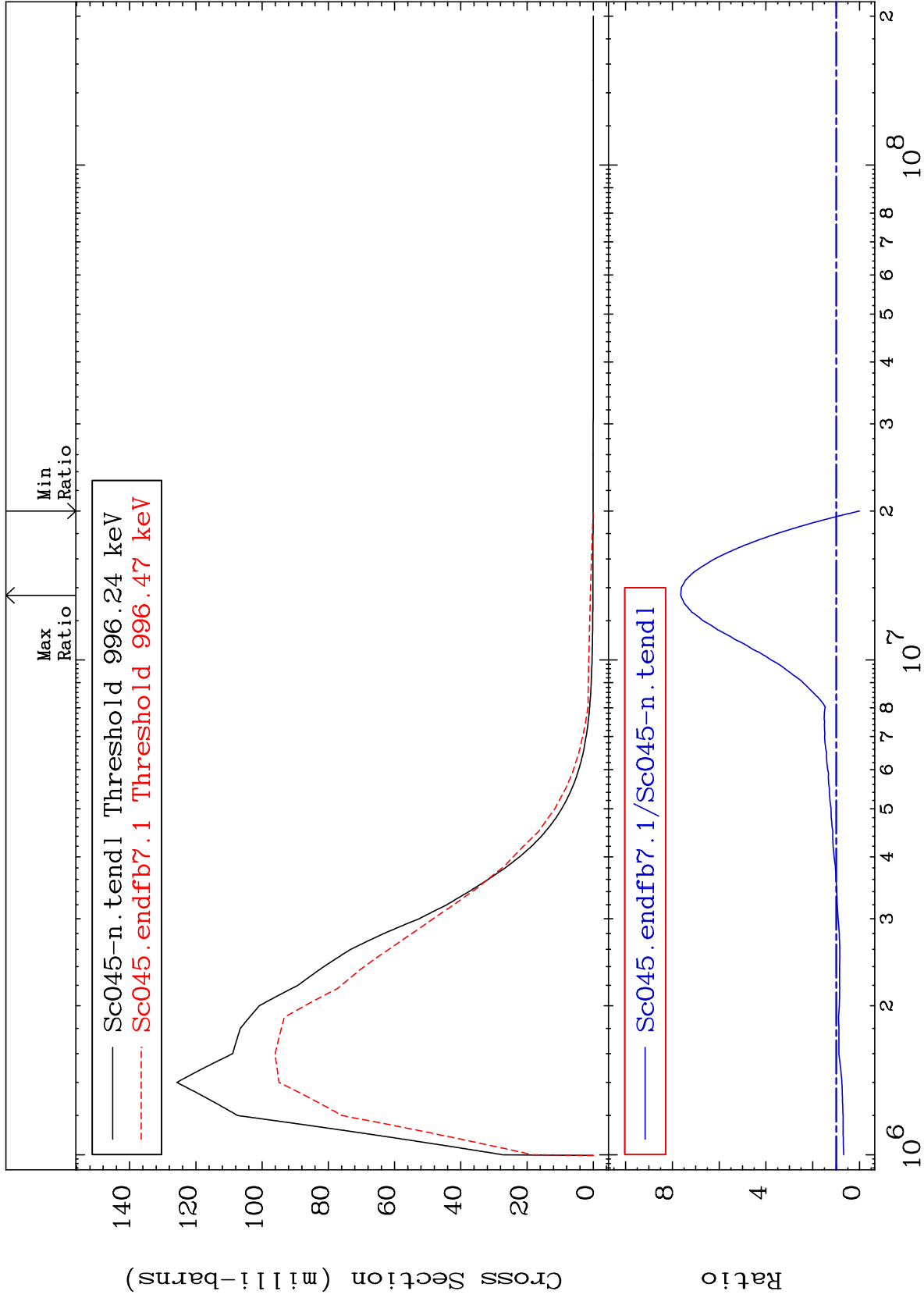
MAT 2125

974.4 keV (n,n') Level

21-Sc-45

-100.0 To 663.9 %

Cross Section

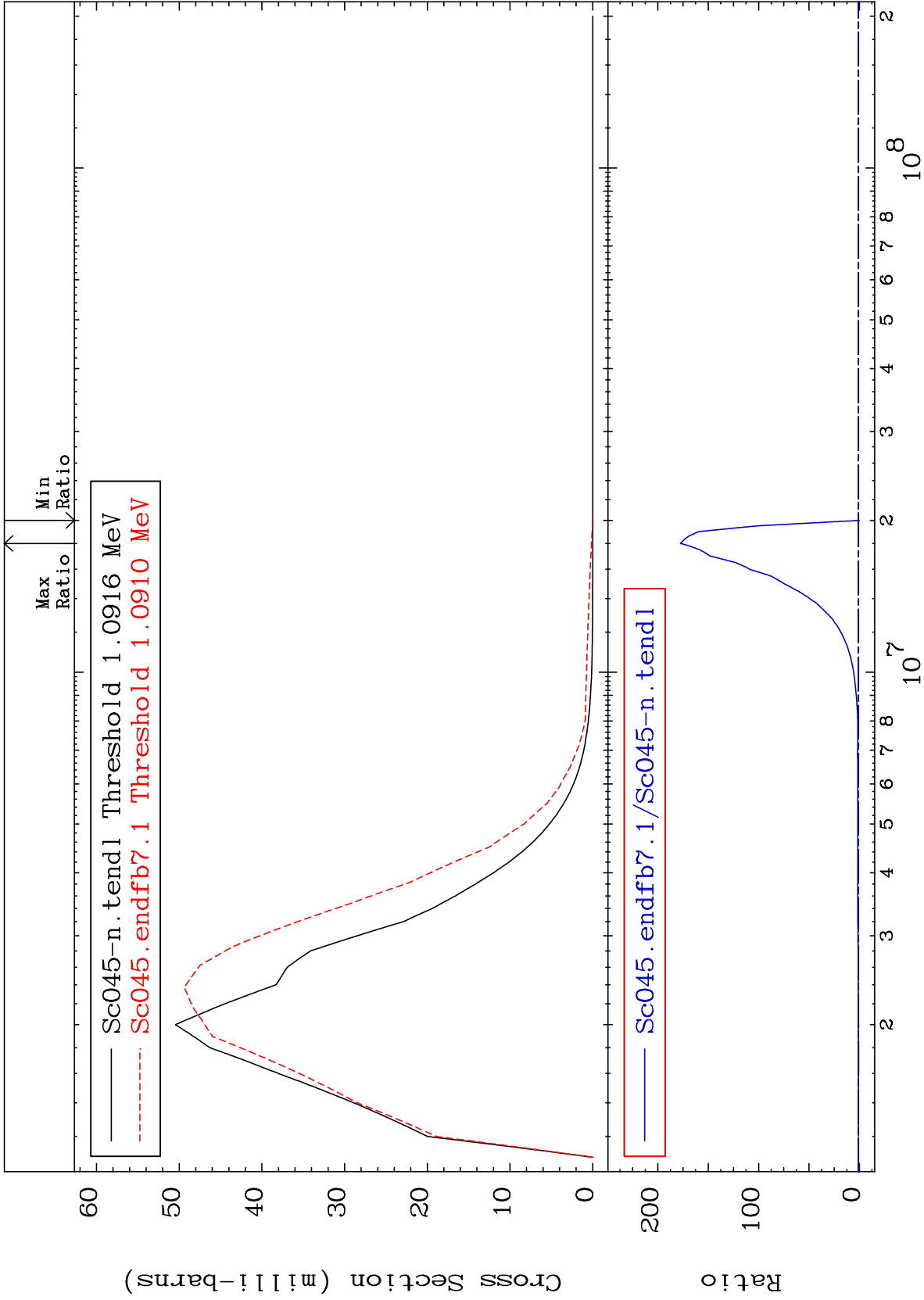


MAT 2125

1.068 MeV (n,n') Level

21-Sc-45

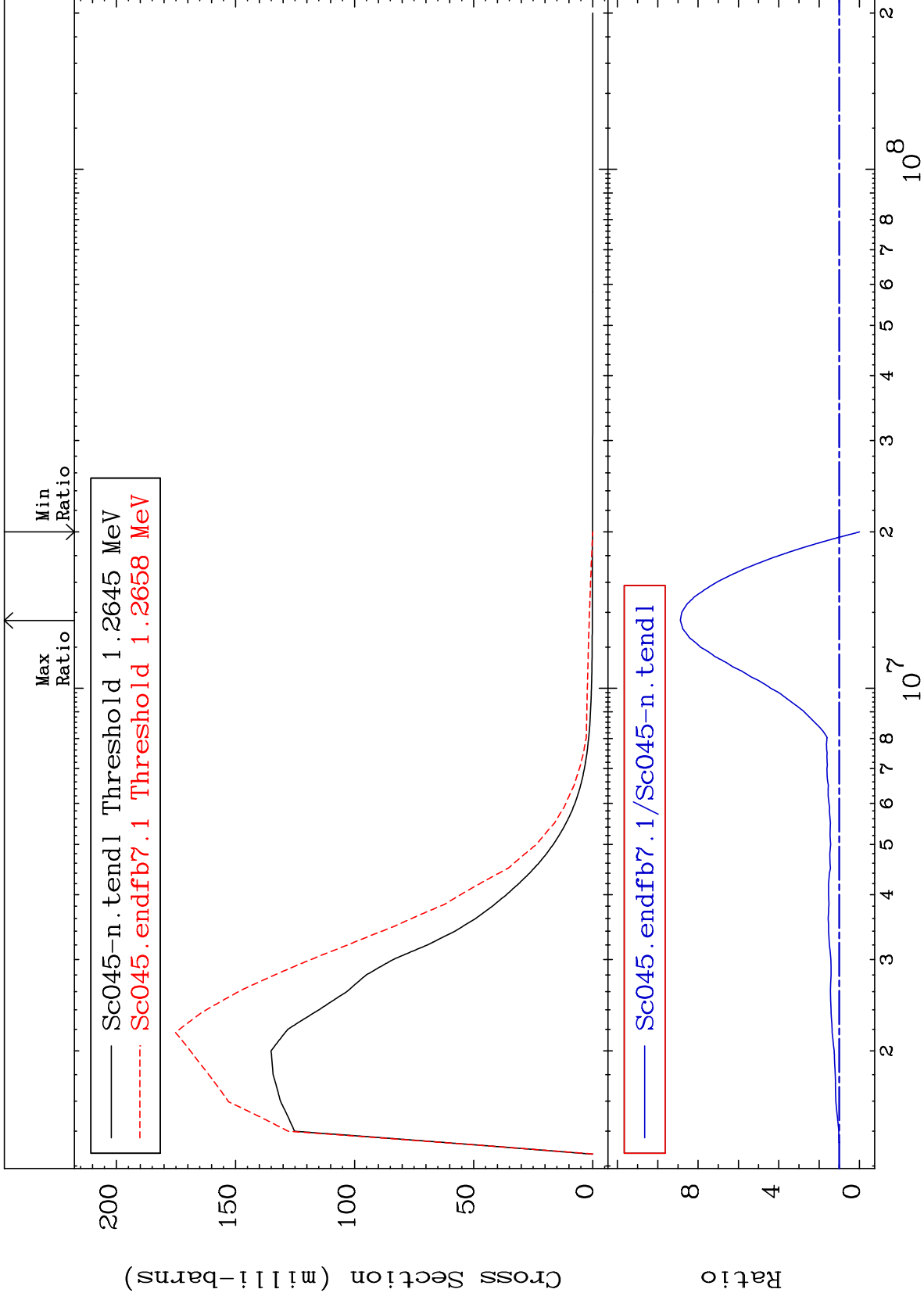
-100.0 To 9999. %



MAT 2125

1.237 MeV (n,n') Level  
Cross Section

21-Sc-45  
-100.0 To 787.9 %



14

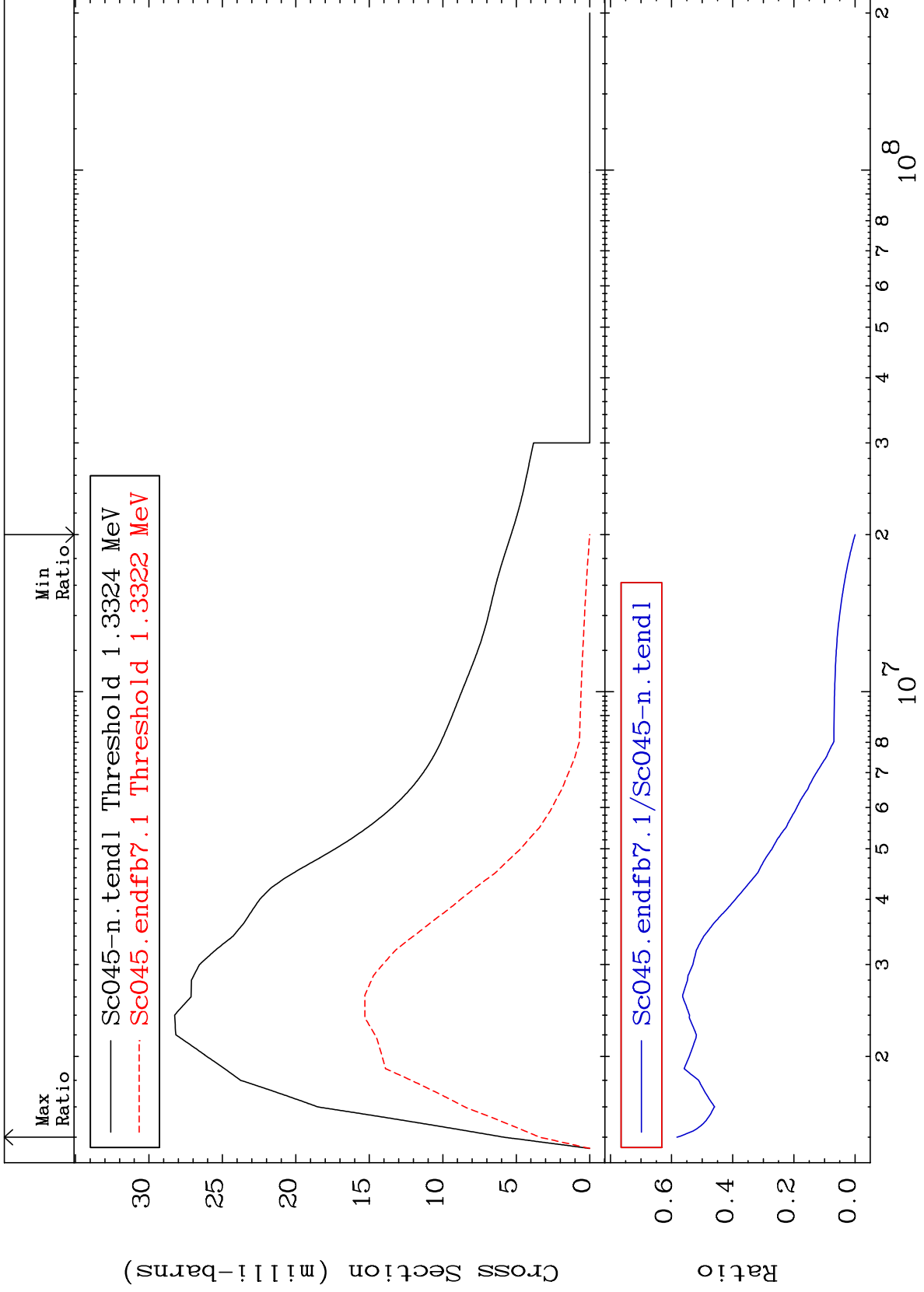
Incident Energy (eV)

21-Sc-45

MAT 2125

1.303 MeV (n,n') Level  
Cross Section

21-Sc-45  
-100.0 To -41.75%



15

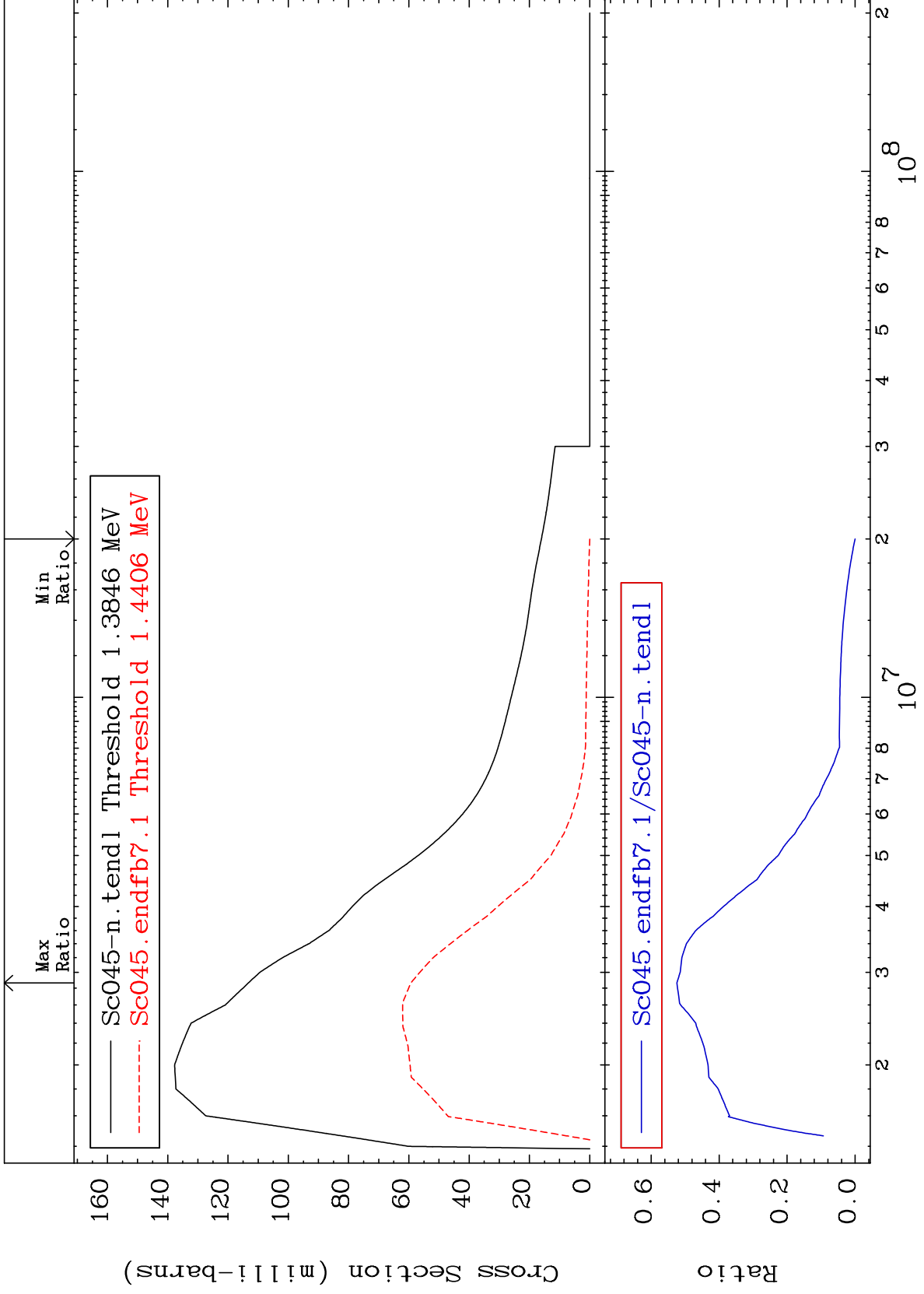
Incident Energy (eV)

21-Sc-45

MAT 2125

1.354 MeV (n,n') Level  
Cross Section

21-Sc-45  
-100.0 To -47.56%



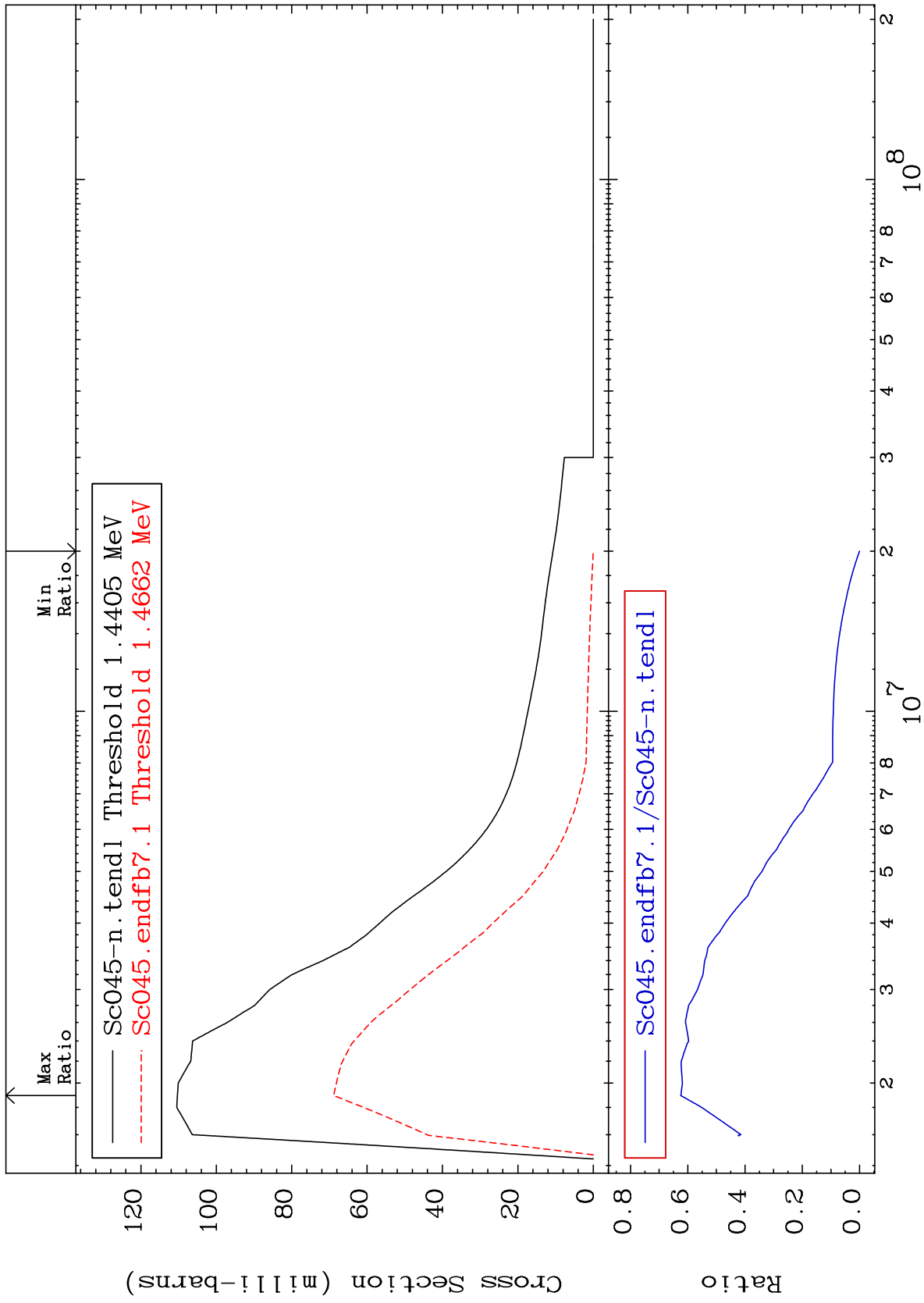
16

Incident Energy (eV)

21-Sc-45



MAT 2125      1.409 MeV (n,n') Level      21-Sc-45  
 Cross Section      -100.0 To -37.55%



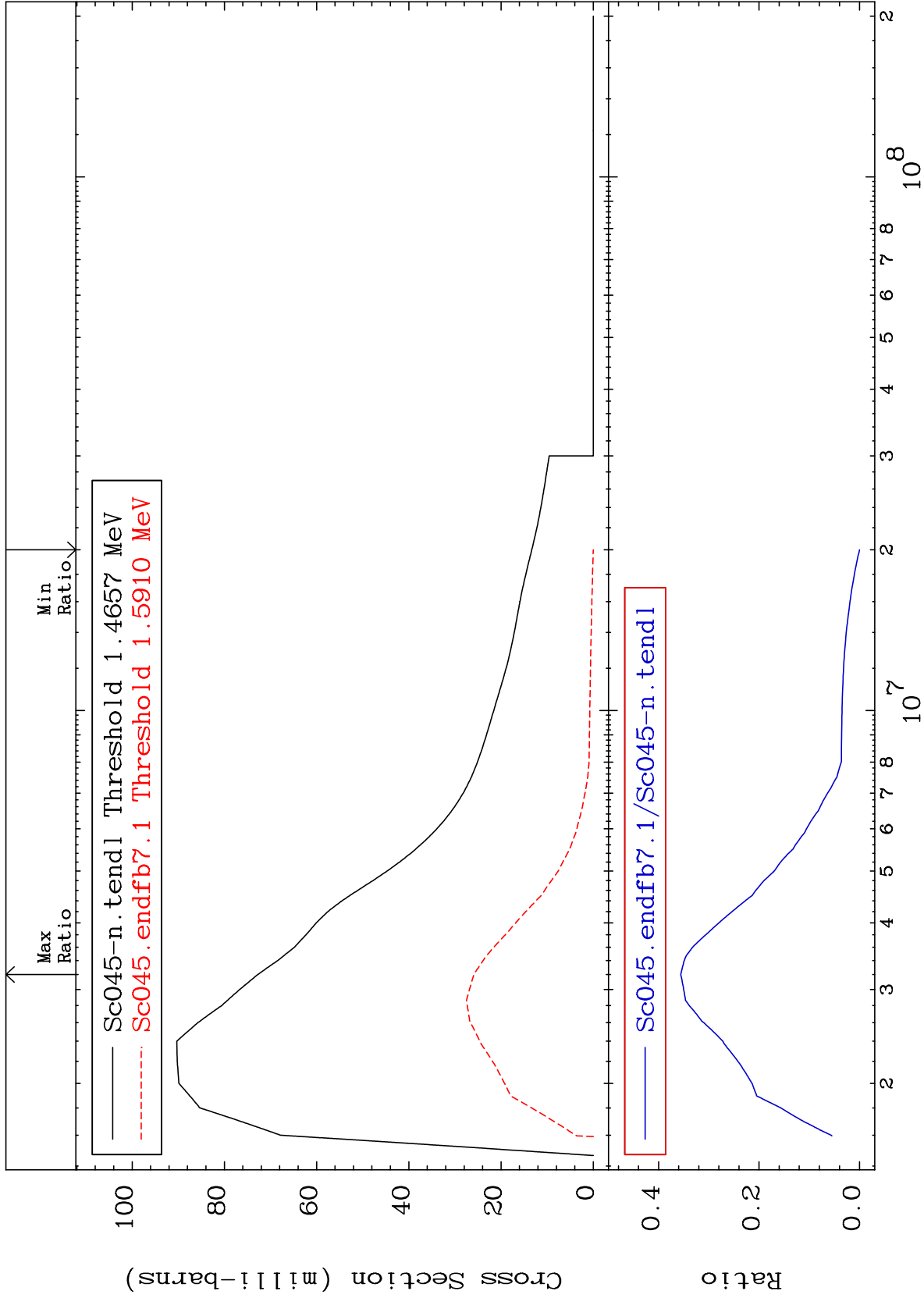
MAT 2125

1.433 MeV (n,n') Level

21-Sc-45

-100.0 To -64.40%

Cross Section



18

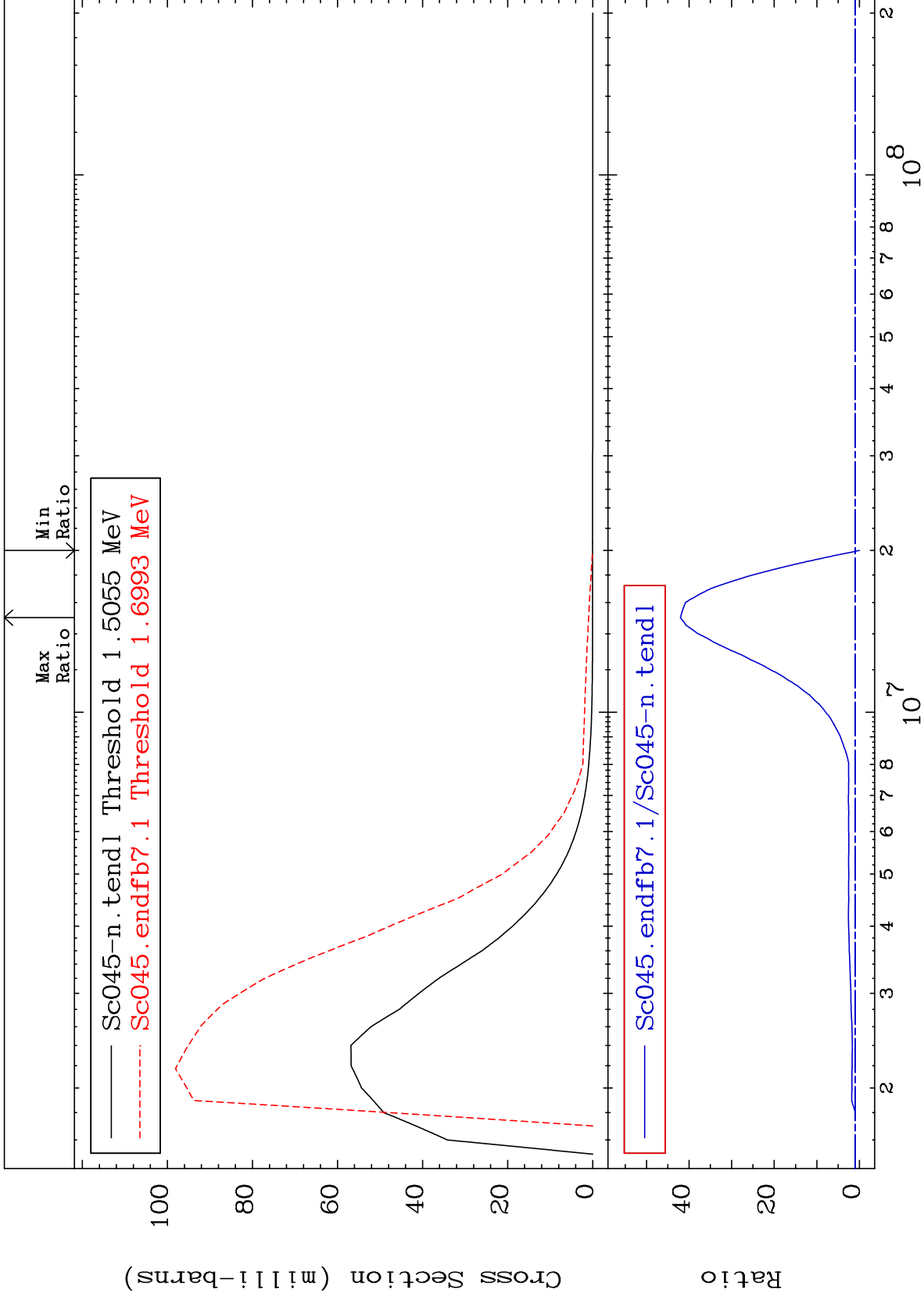
Incident Energy (eV)

21-Sc-45

MAT 2125

1.473 MeV (n,n') Level  
Cross Section

21-Sc-45  
-100.0 To 4104. %

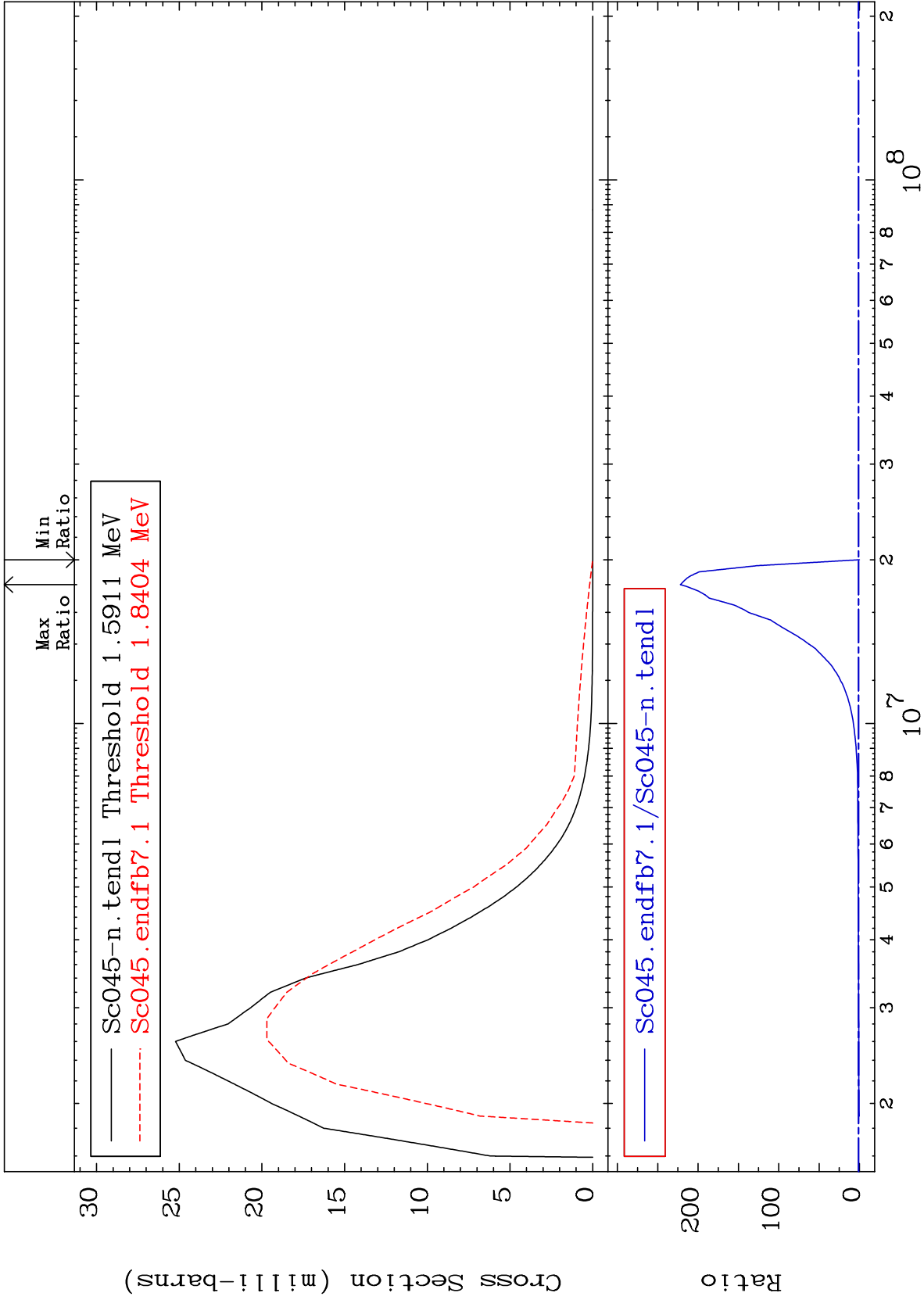


MAT 2125

1.556 MeV (n,n') Level

21-Sc-45

-100.0 To 9999. %



20

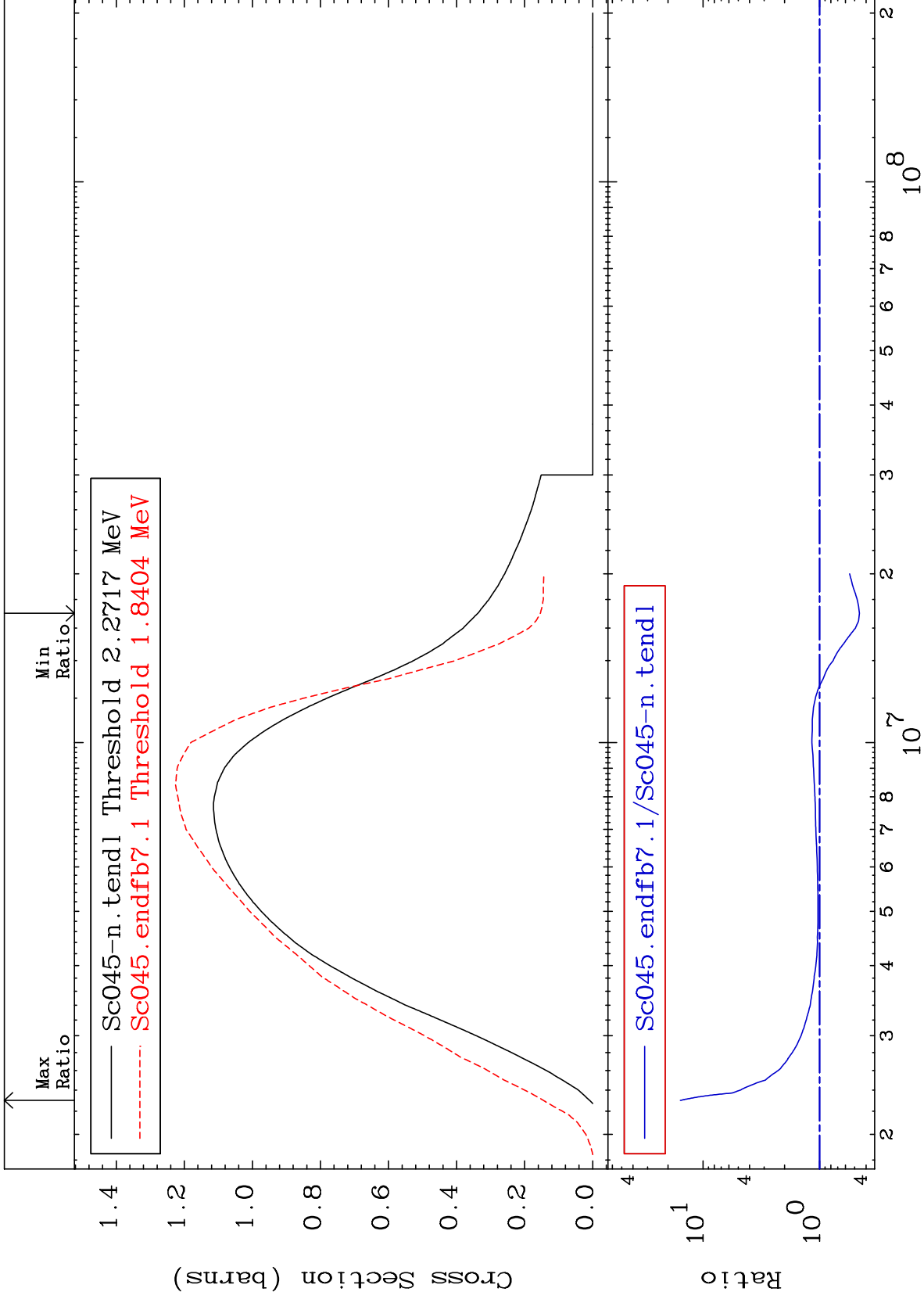
Incident Energy (eV)

21-Sc-45

MAT 2125

(n, n') Continuum  
Cross Section

21-Sc-45  
-54.46 To 1468. %

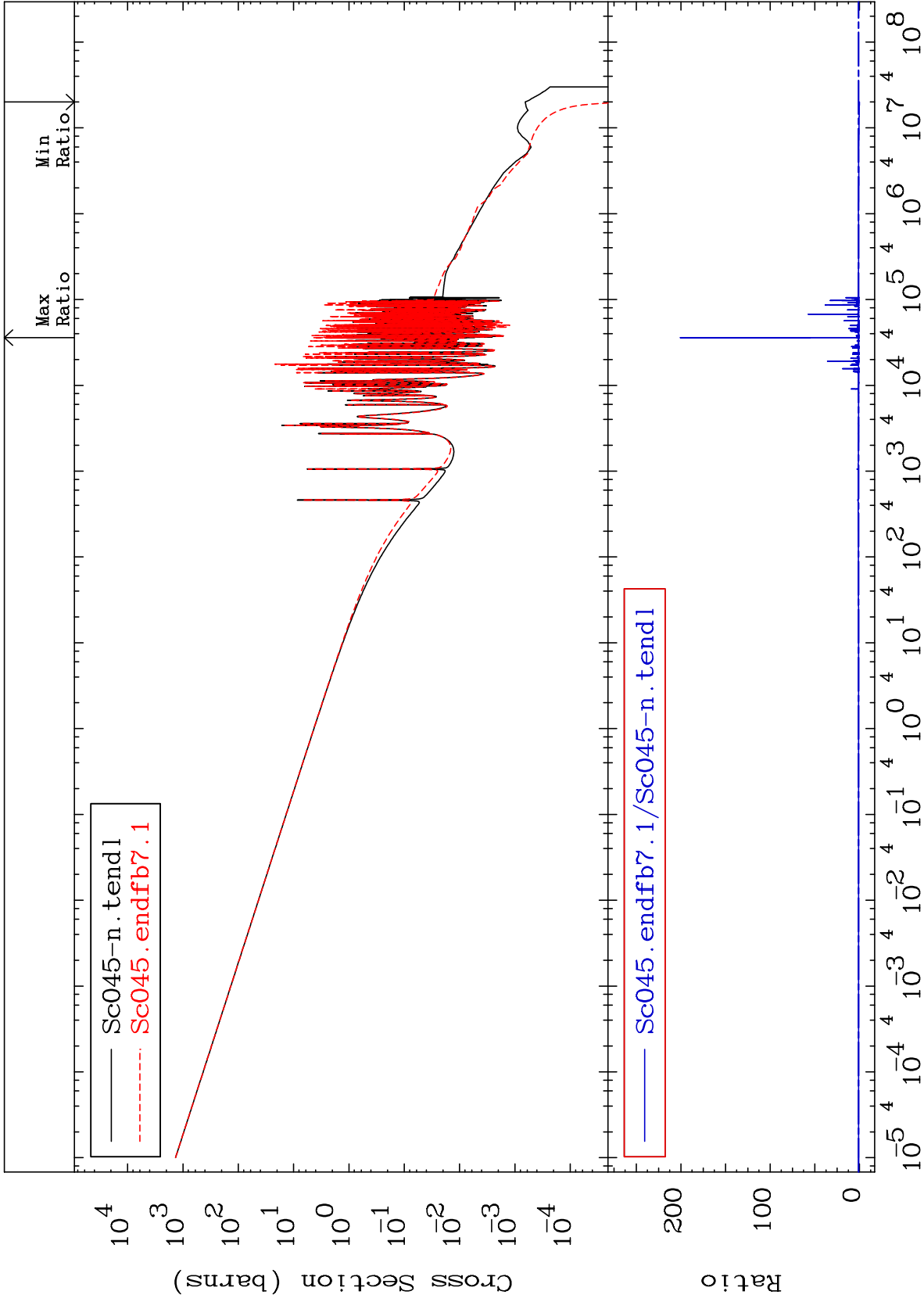


MAT 2125

(n,  $\gamma$ )  
Cross Section

21-Sc-45

-100.0 To 9999. %



22

Incident Energy (eV)

21-Sc-45

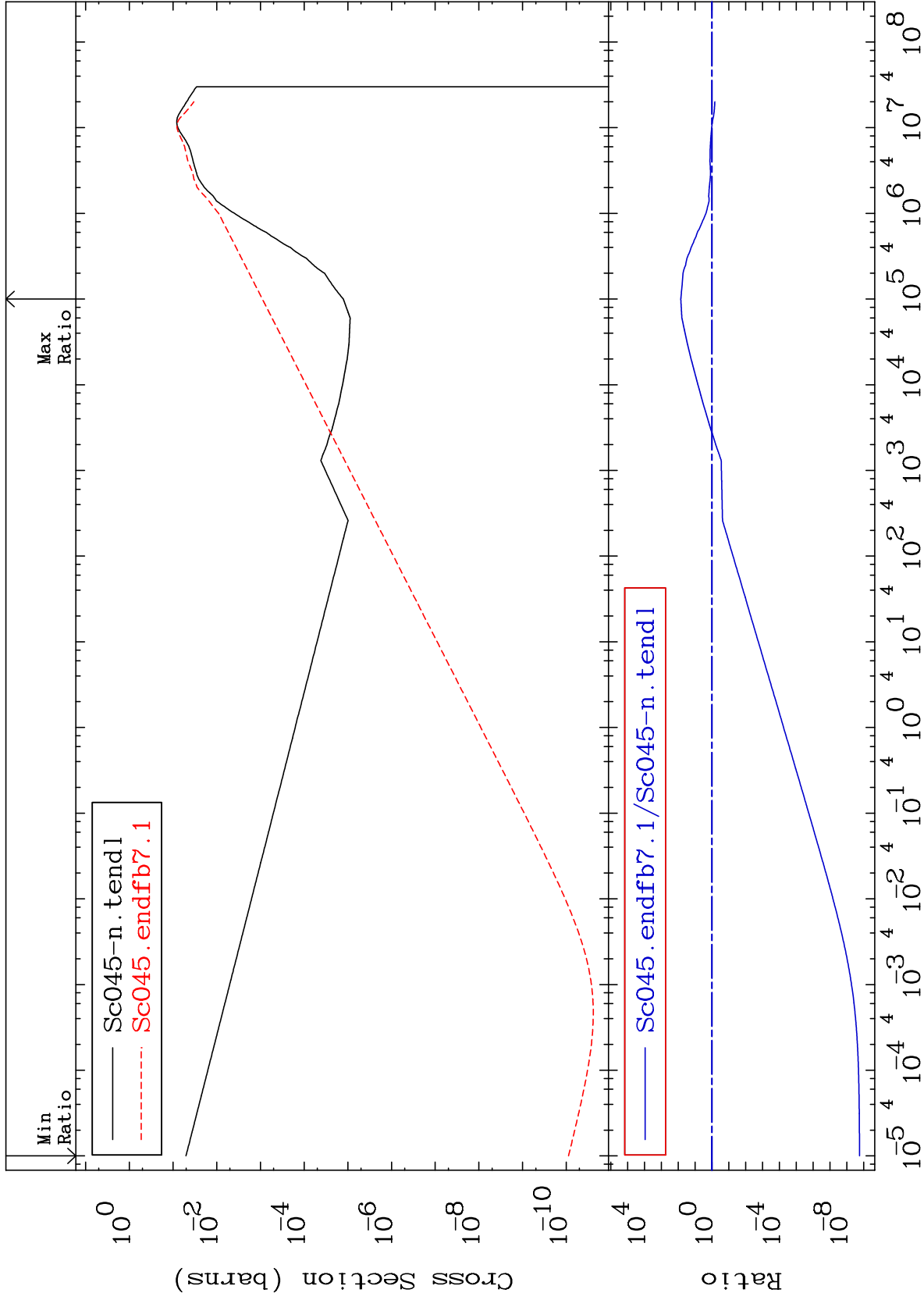
MAT 2125

(n,p)

21-Sc-45

Cross Section

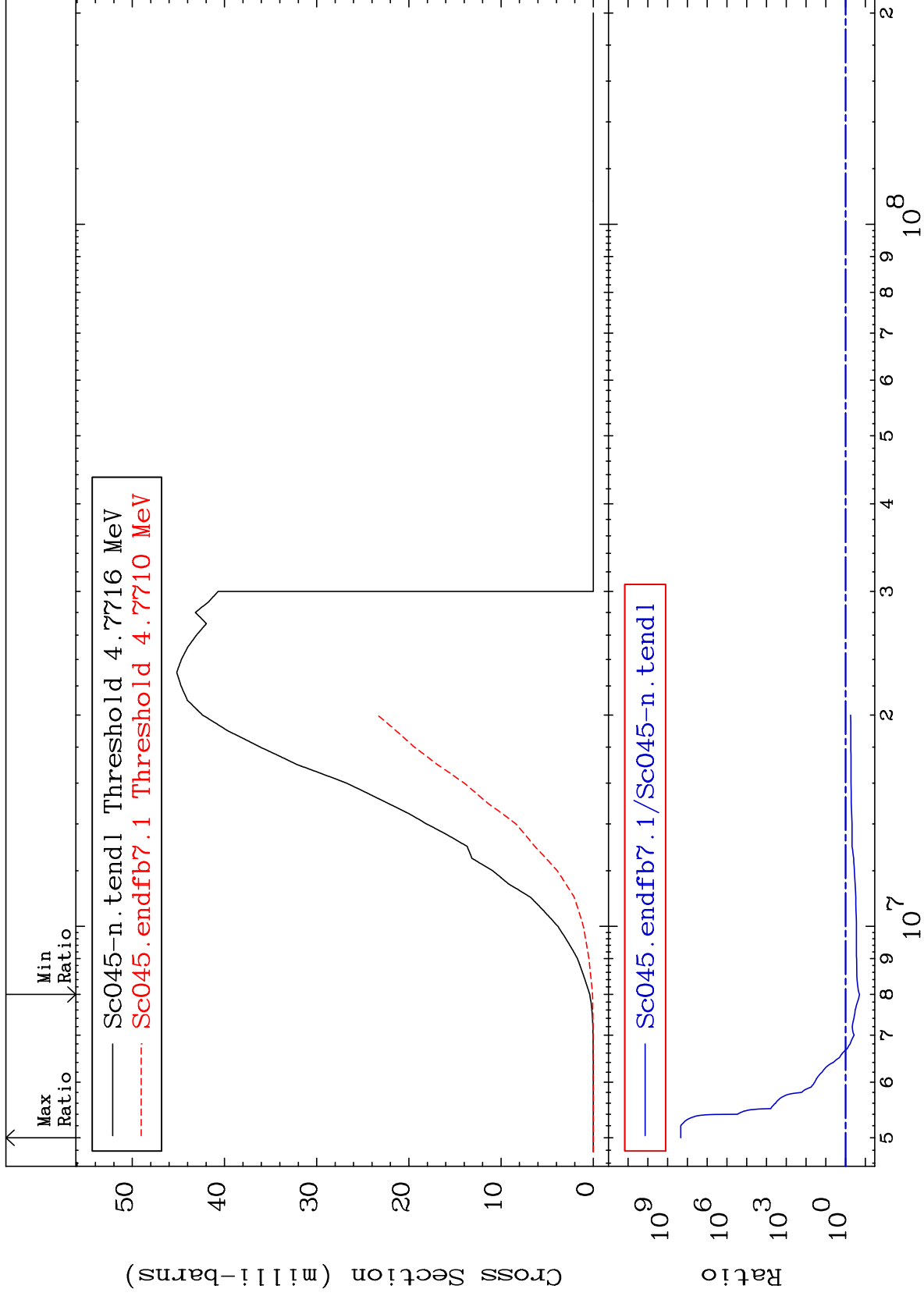
-100.0 To 7025. %



MAT 2125

(n, d)  
Cross Section

21-Sc-45  
-80.43 To 9999. %



24

Incident Energy (eV)

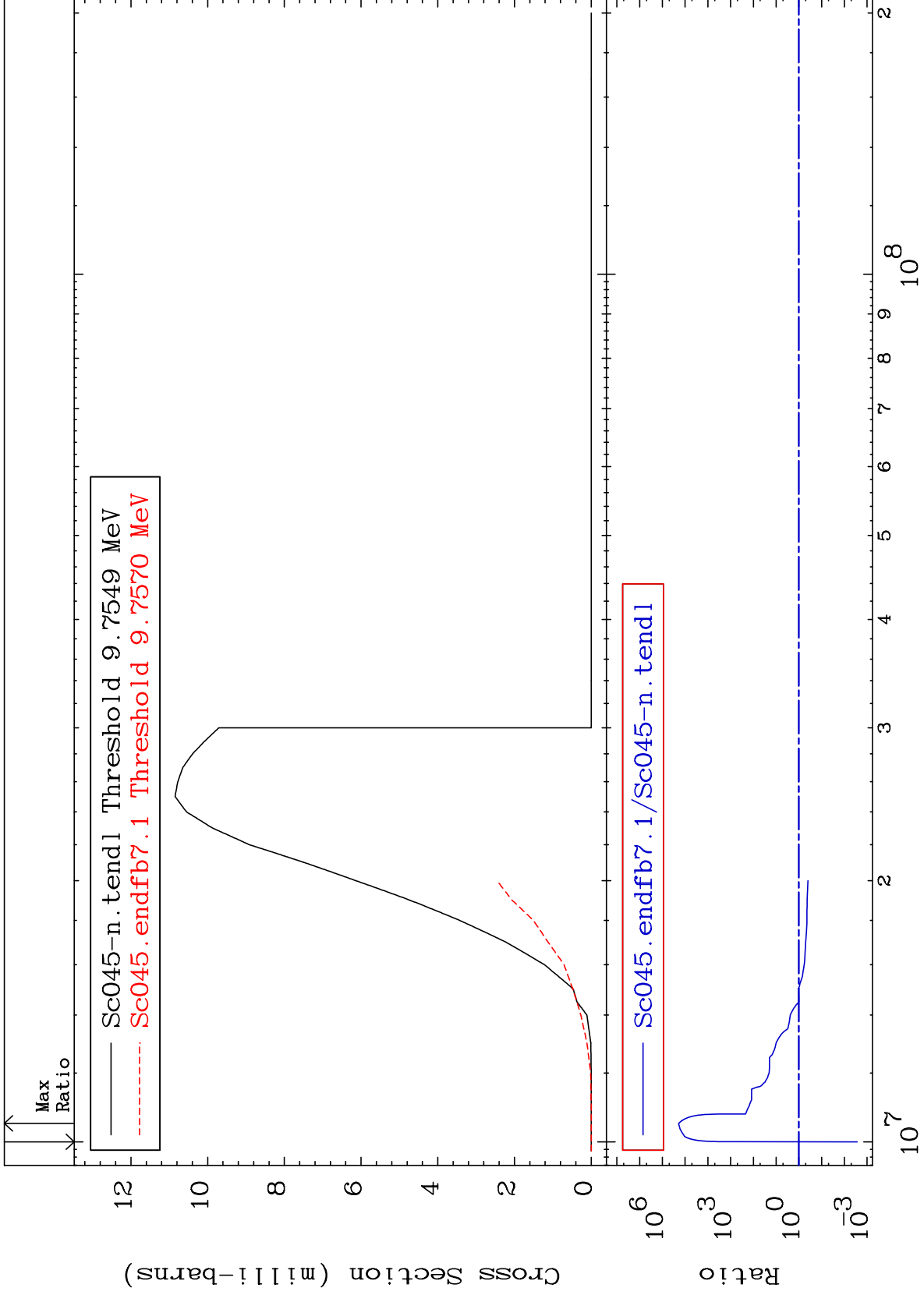
21-Sc-45



MAT 2125

(n, t)  
Cross Section

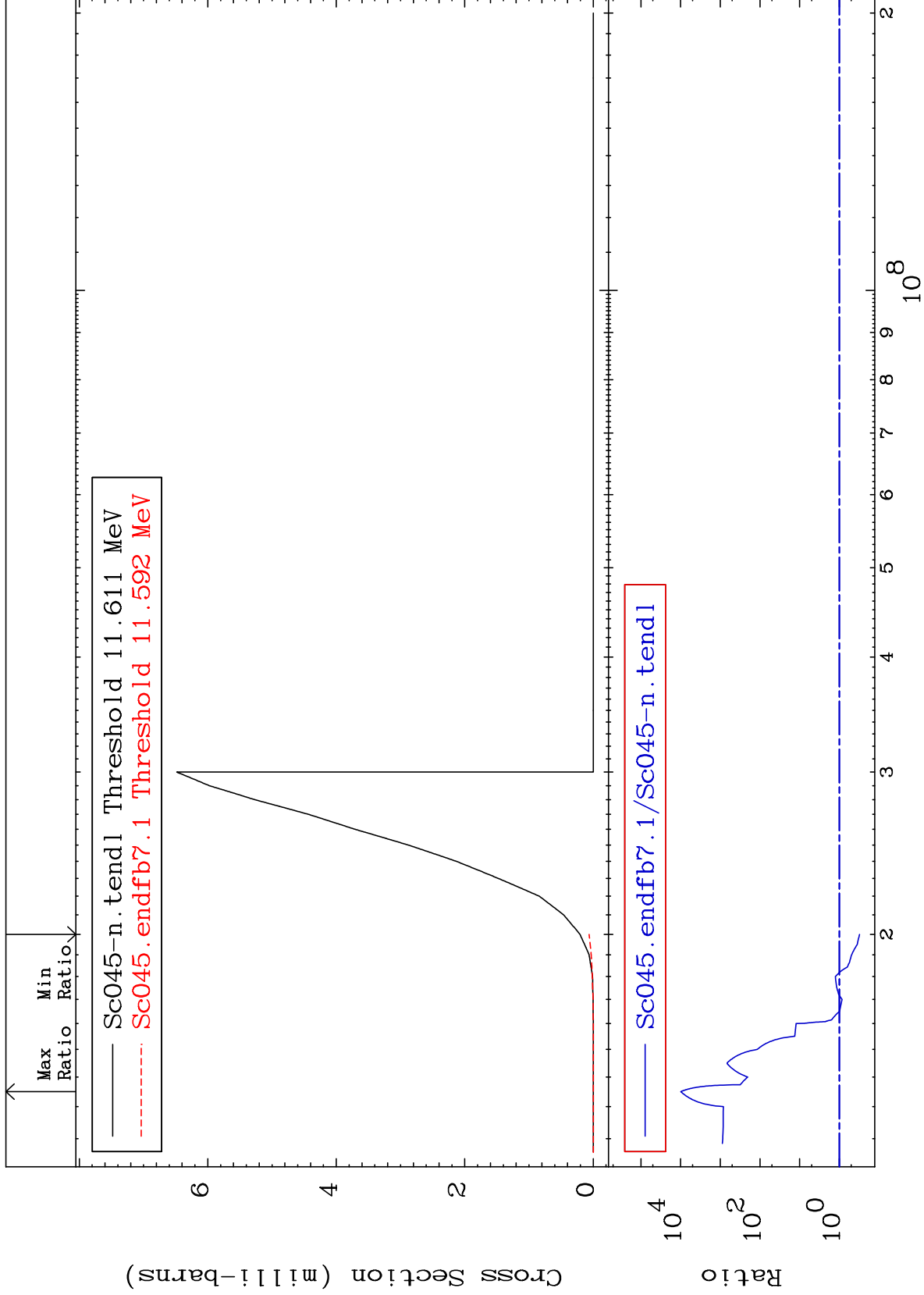
21-Sc-45  
-99.73 To 9999. %



25

Incident Energy (eV)

21-Sc-45



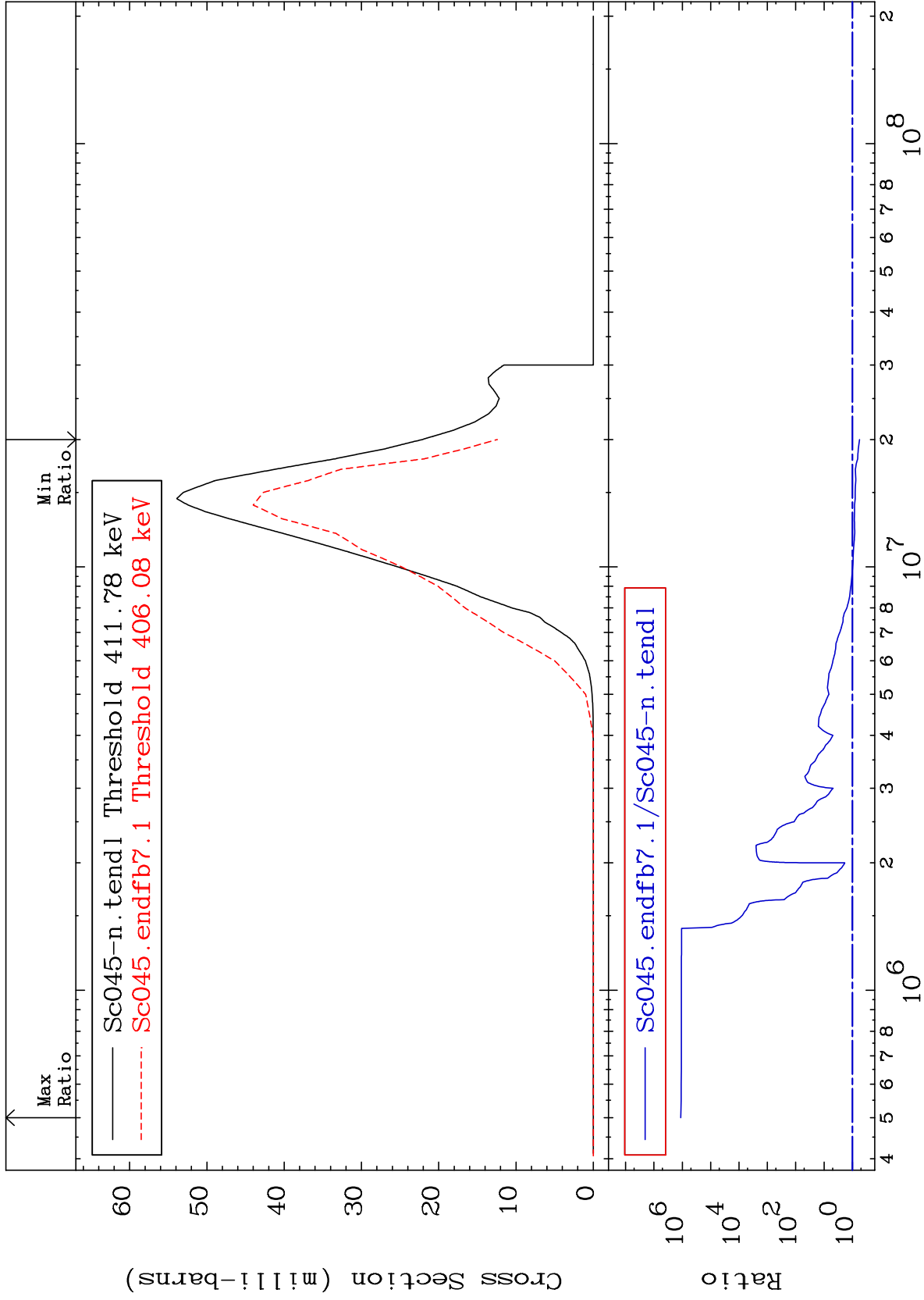
MAT 2125

(n,  $\alpha$ )

21-Sc-45

Cross Section

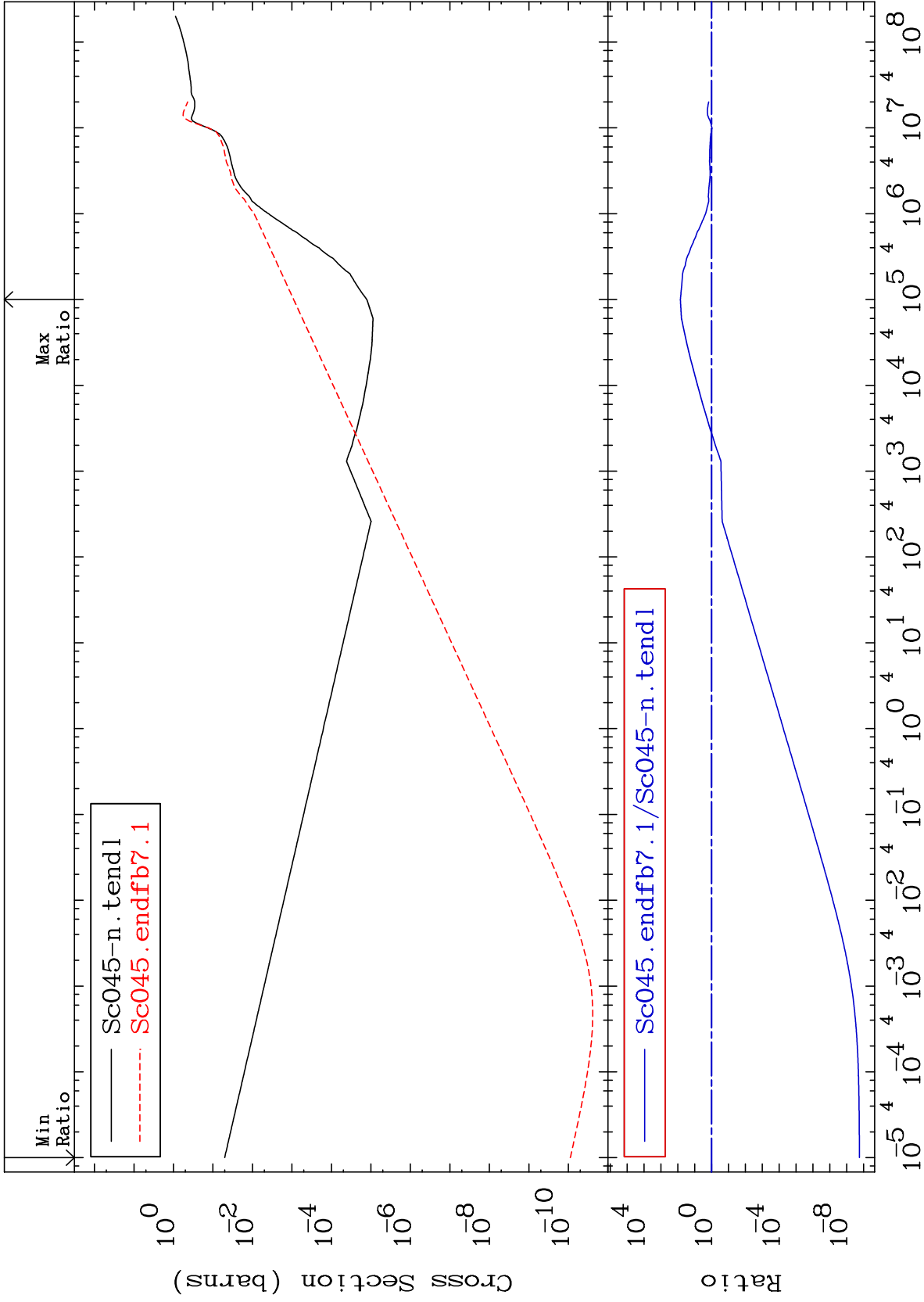
-43.92 To 9999. %

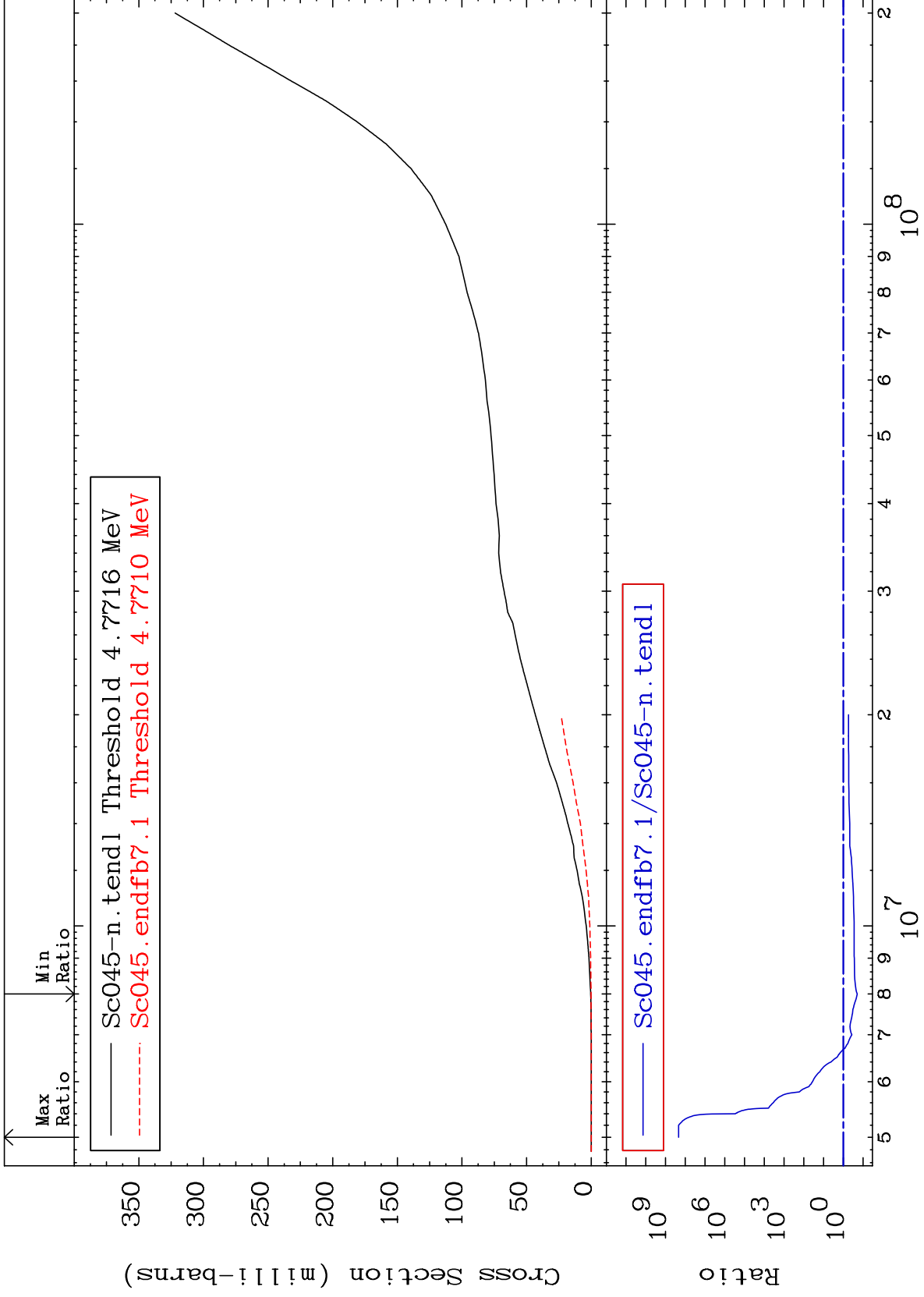


27

Incident Energy (eV)

21-Sc-45

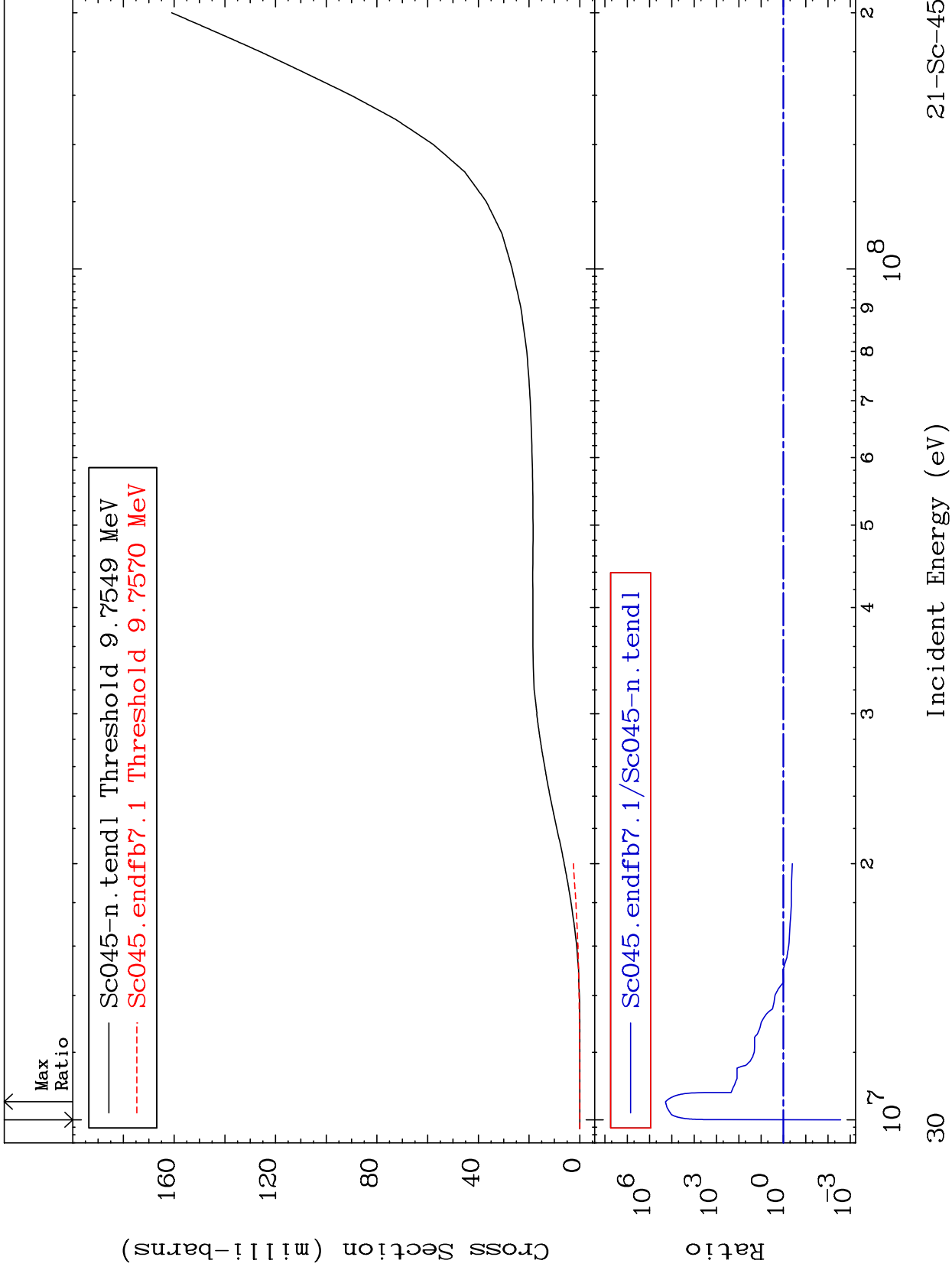


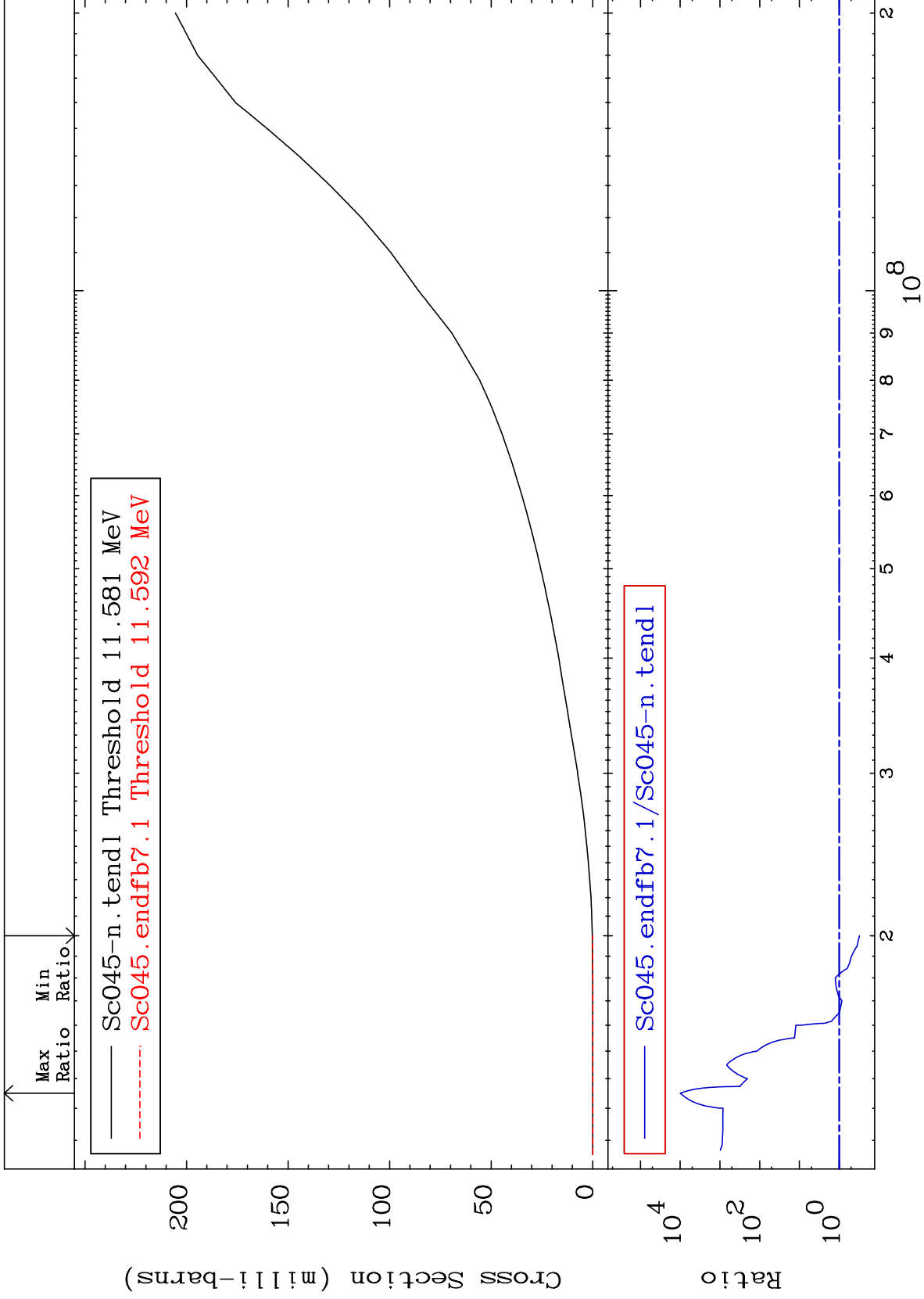


MAT 2125

Tritium Production  
Cross Section

21-Sc-45  
-99.73 To 9999. %

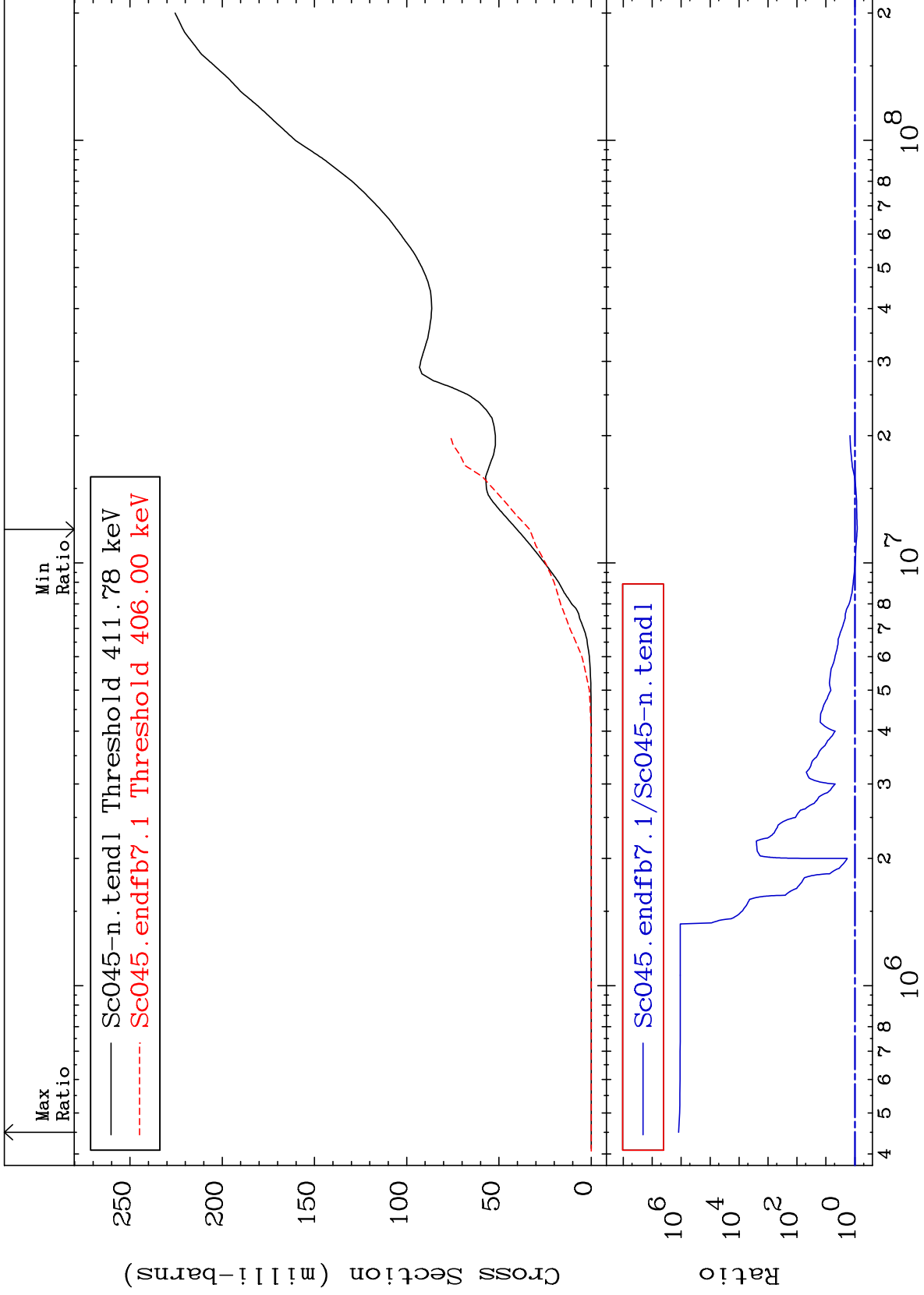




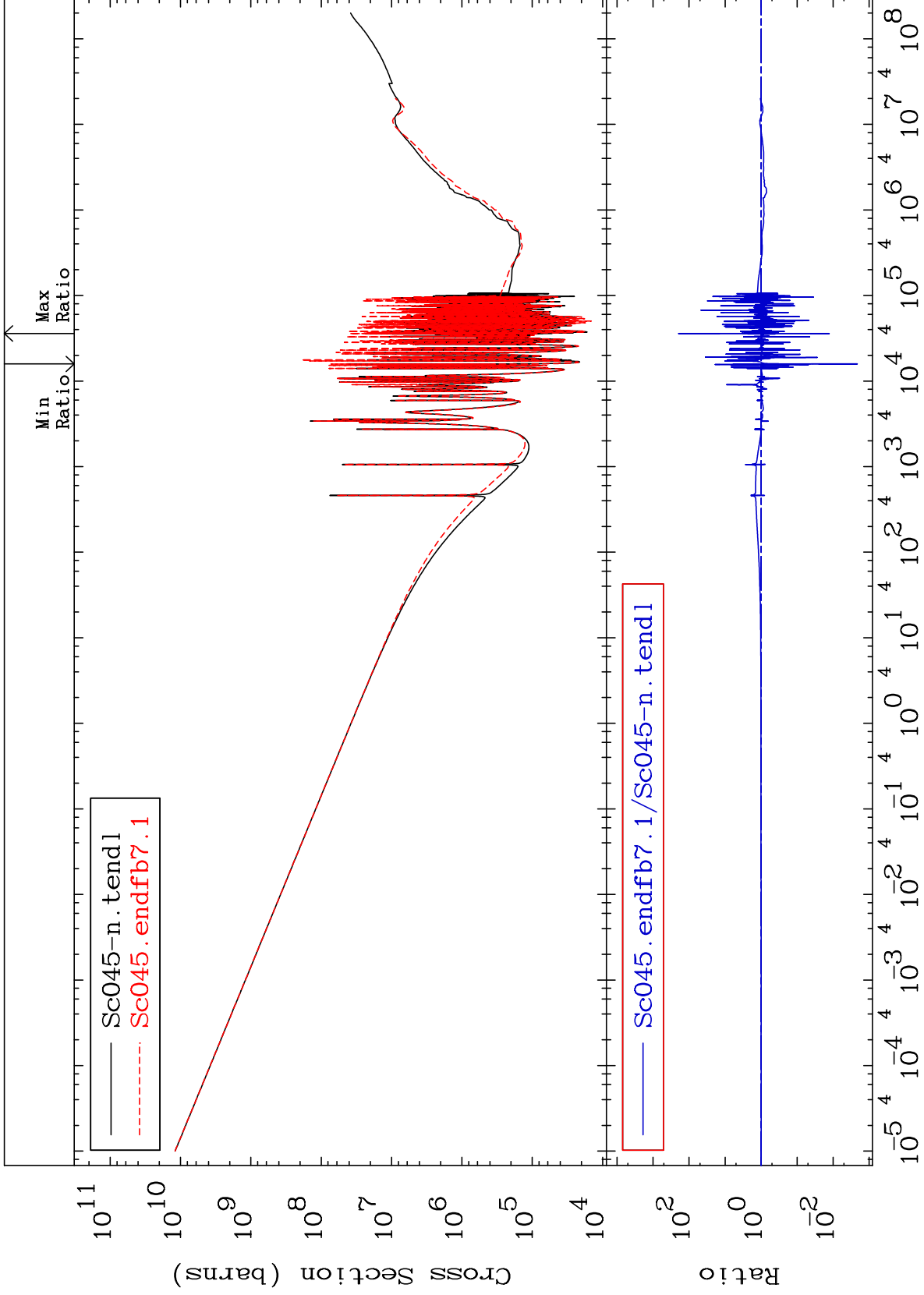
MAT 2125

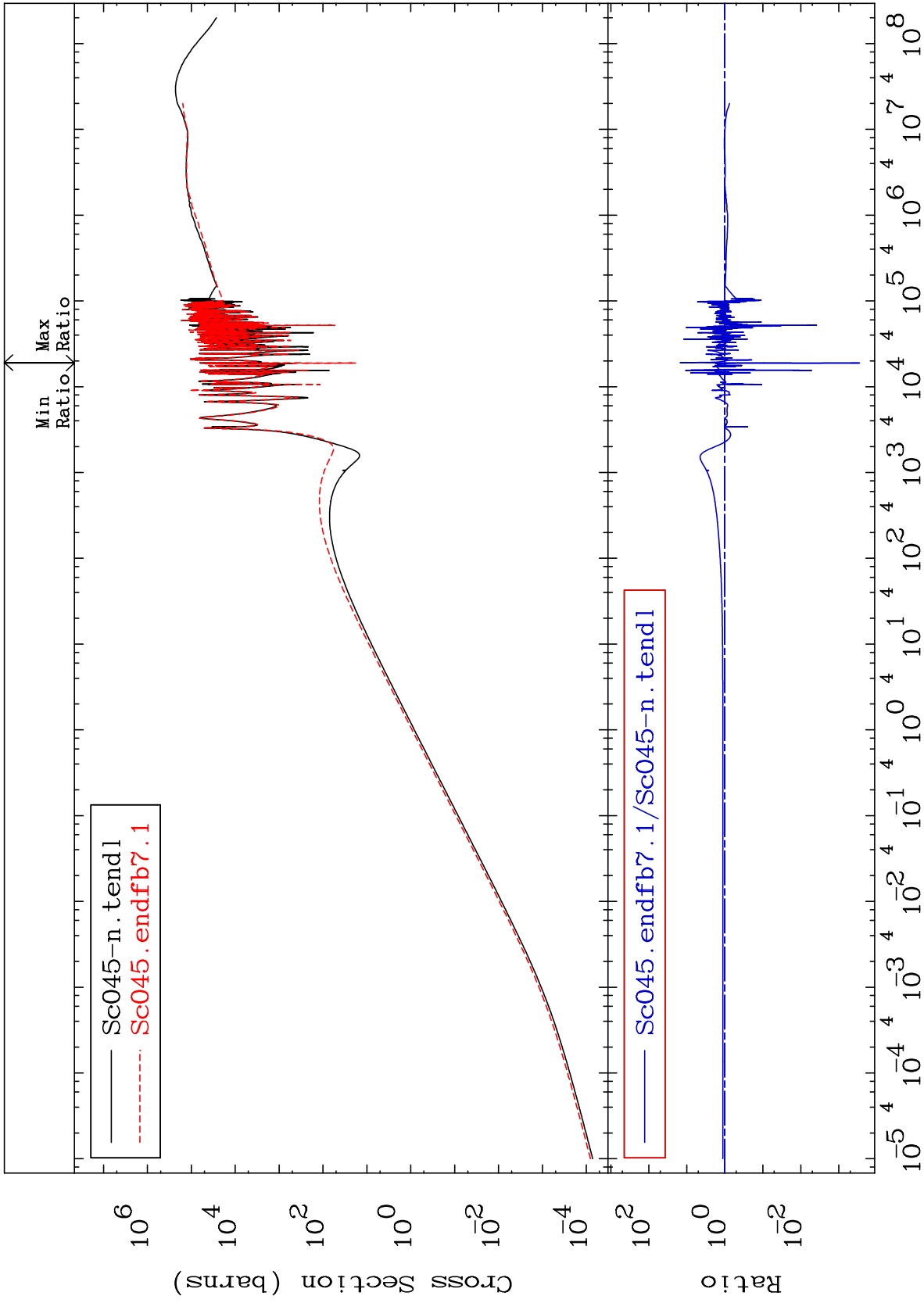
He-4 Production  
Cross Section

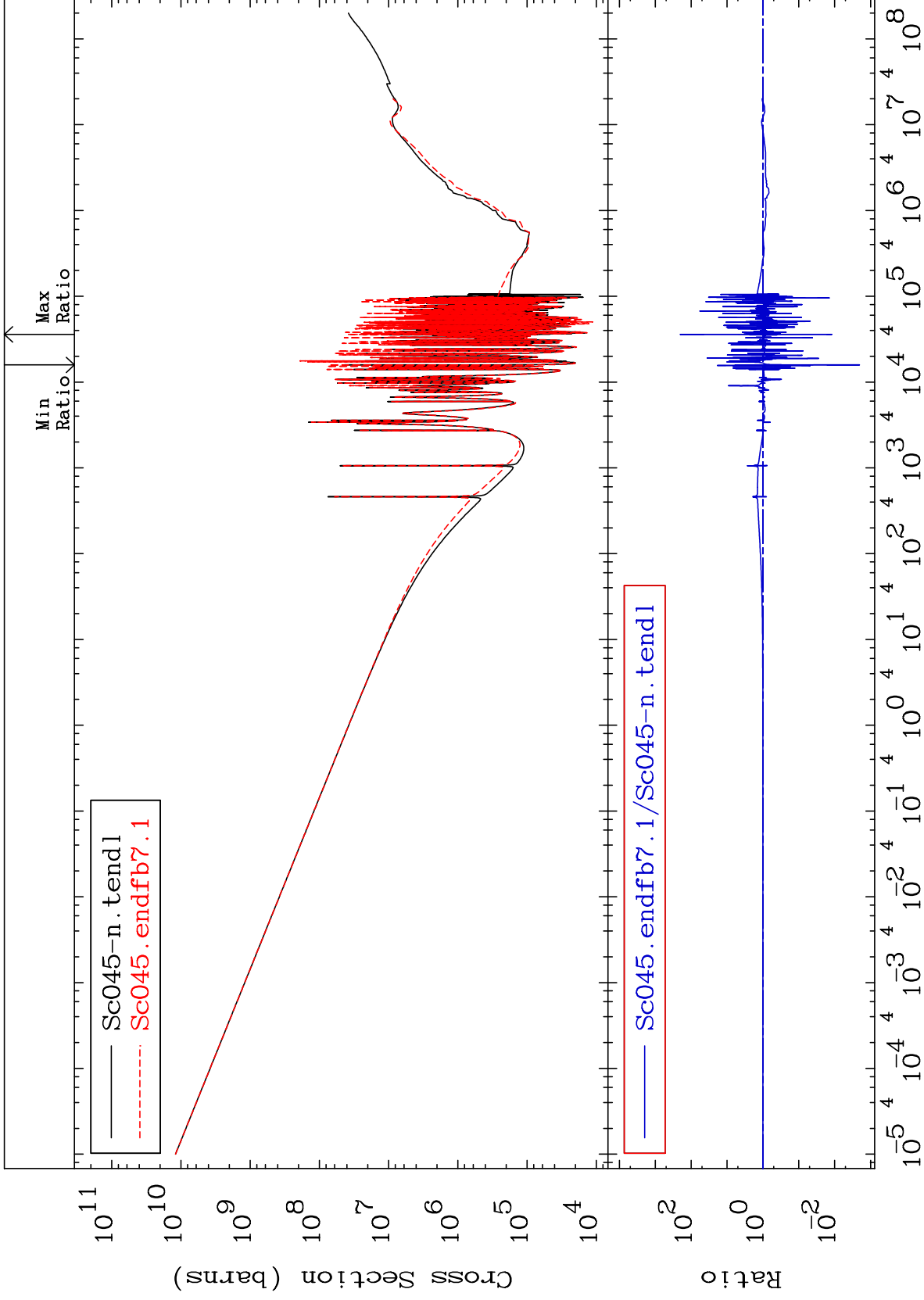
21-Sc-45  
-17.09 To 9999. %

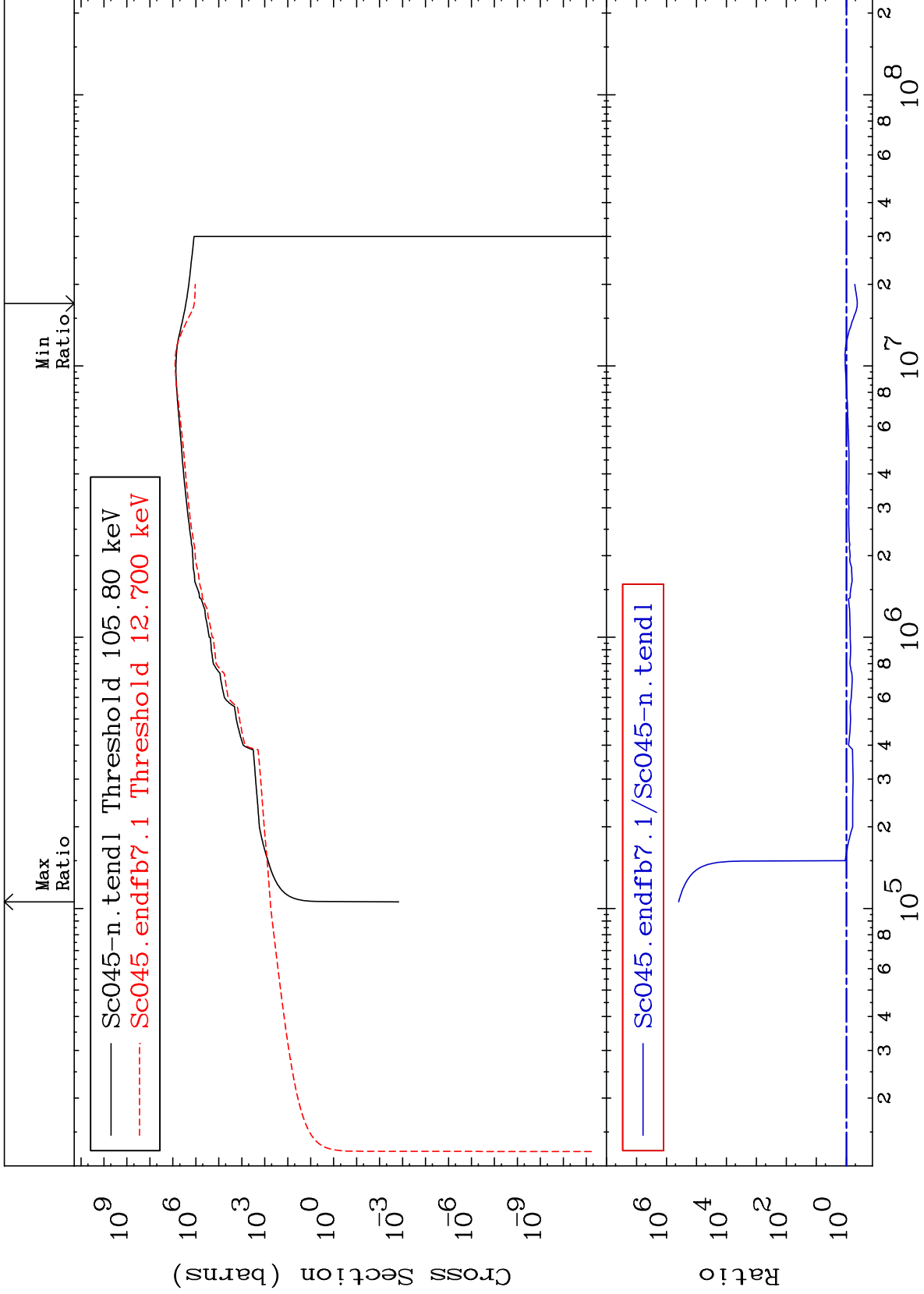


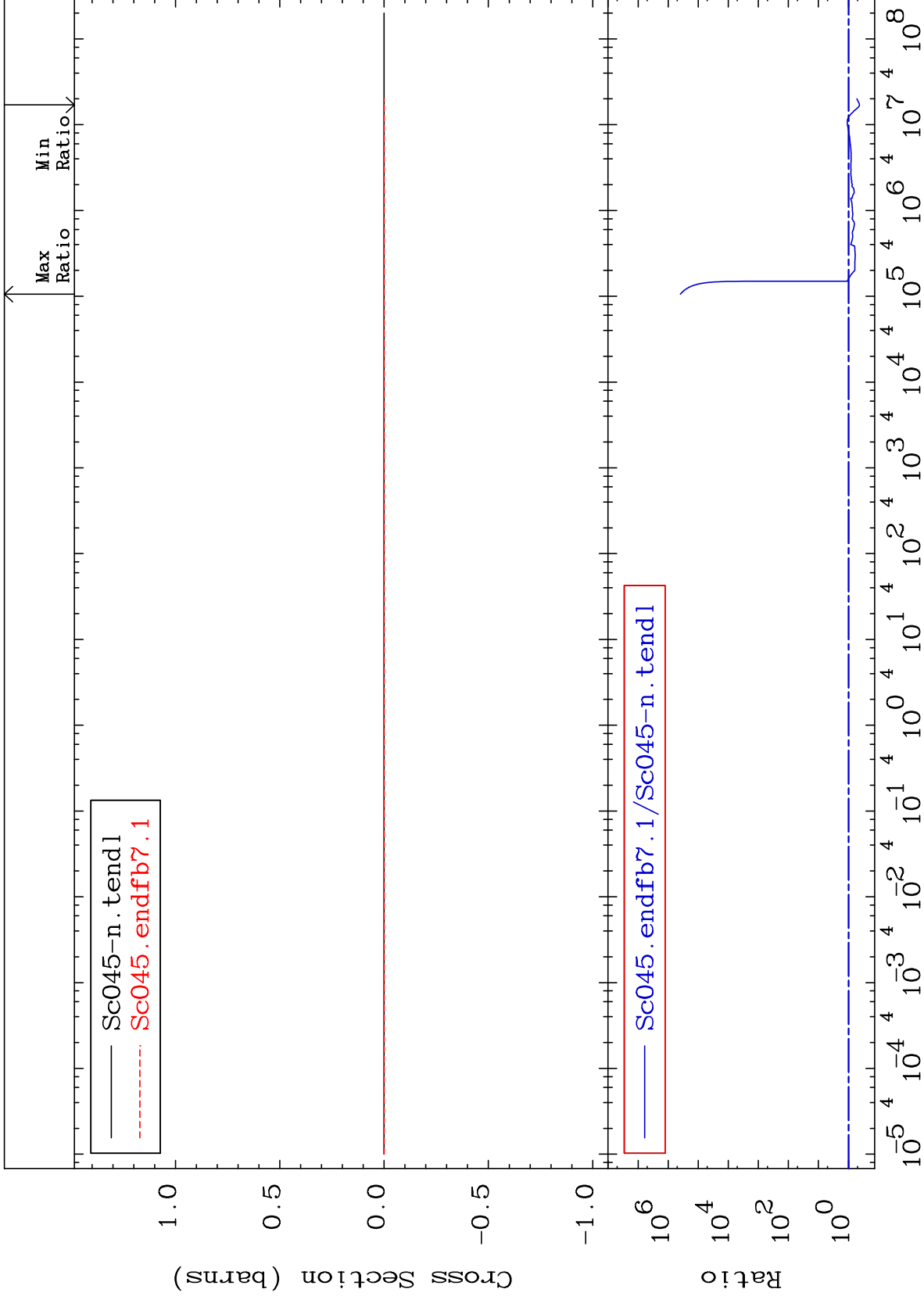








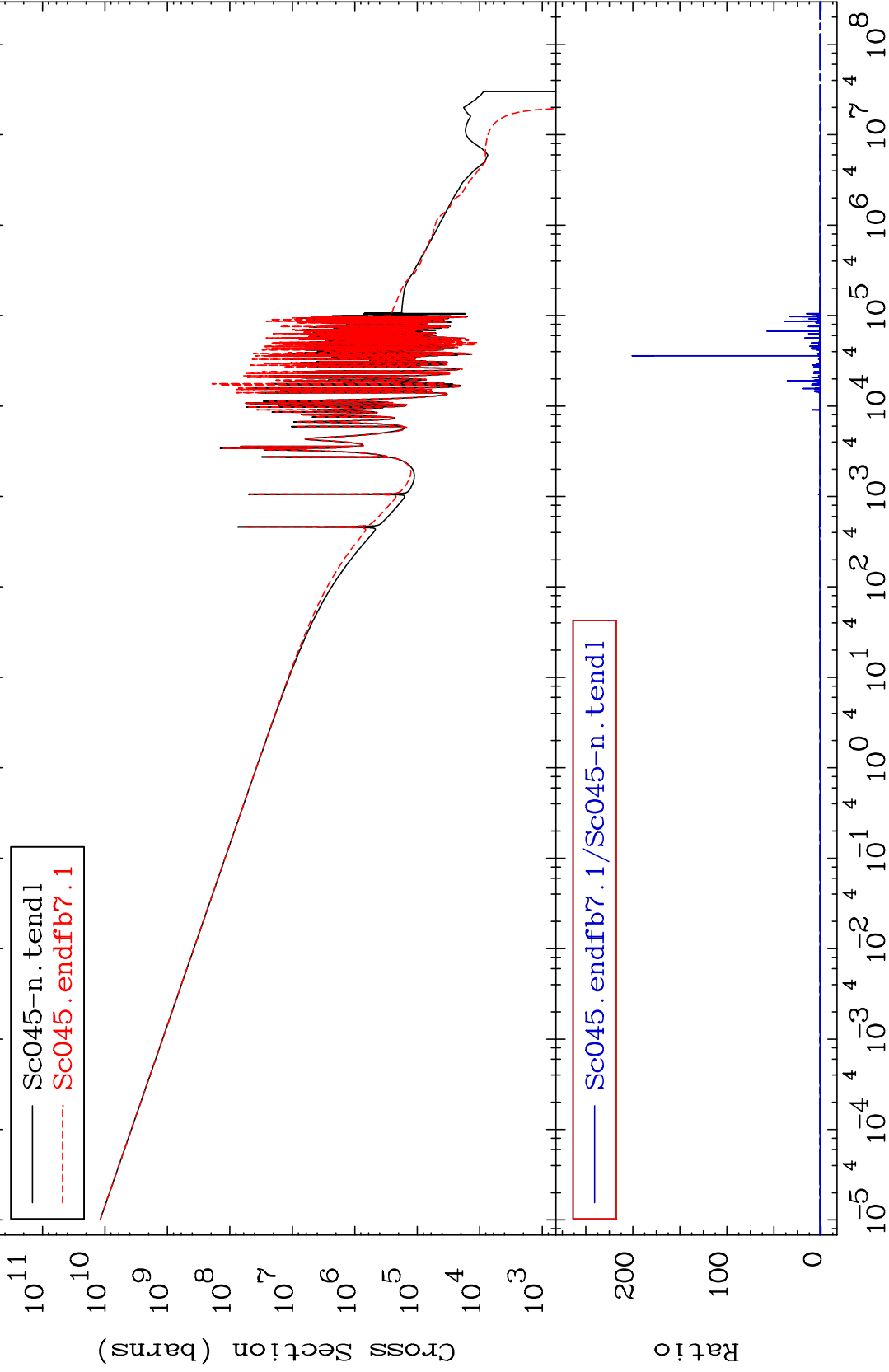




MAT 2125

Kerma capture (mt102)  
Cross Section

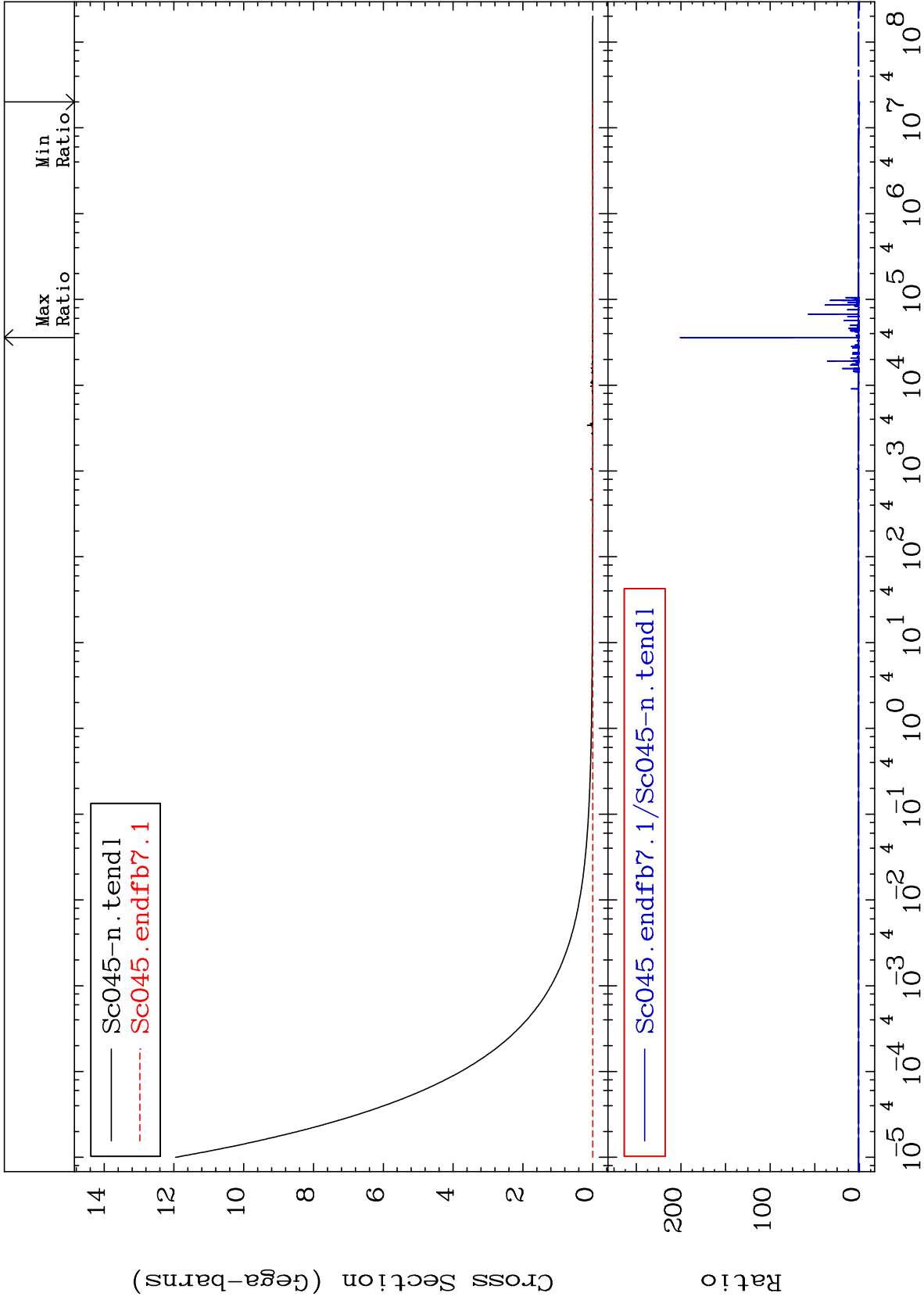
21-Sc-45  
-100.0 To 9999. %



38

Incident Energy (eV)

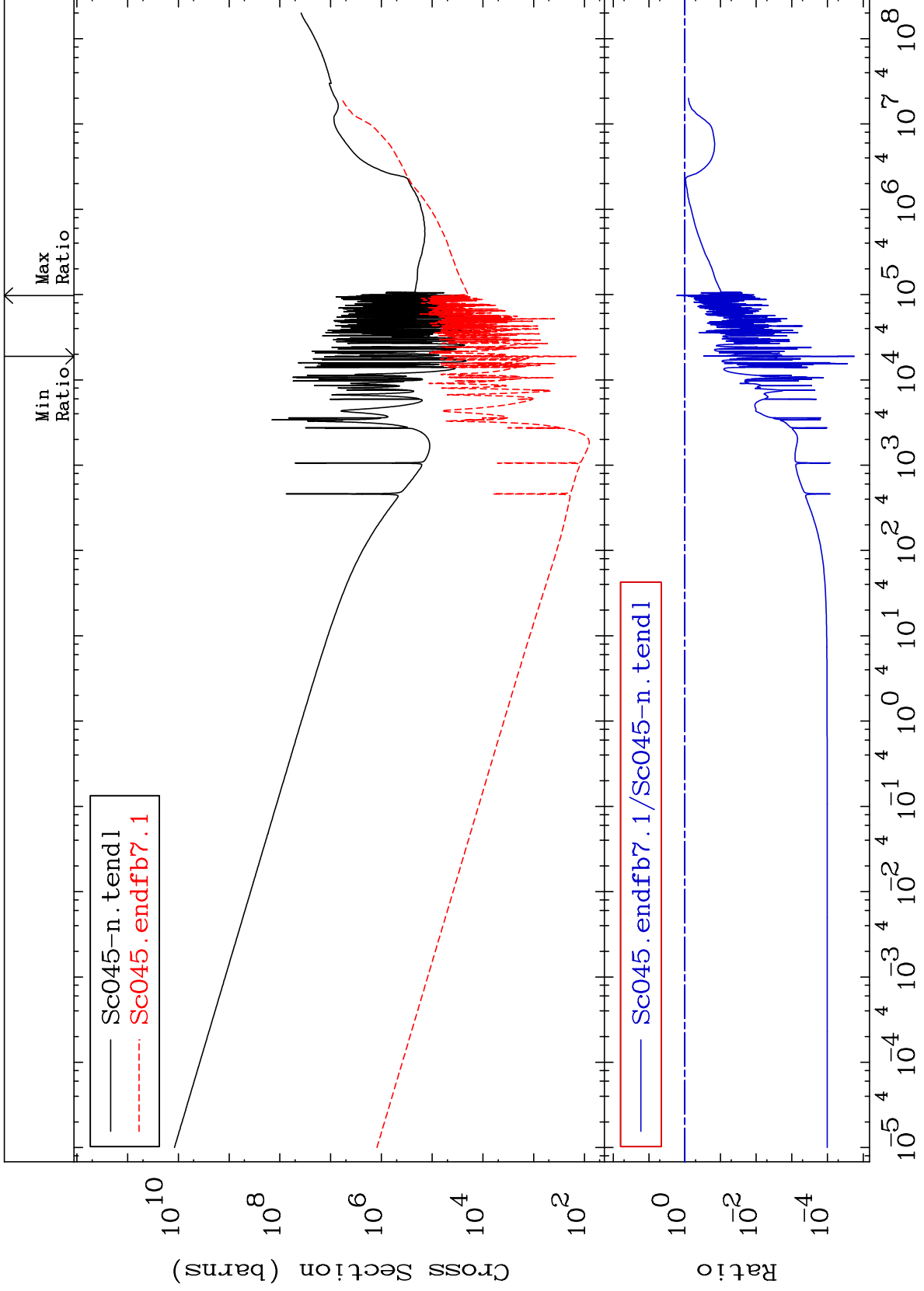
21-Sc-45



MAT 2125

Total kinematic kerma (high limit)  
Cross Section

21-Sc-45  
-100.0 To 71.77 %



— Sc045-n.tendl  
- - - Sc045.endfb7.1

— Sc045.endfb7.1/Sc045-n.tendl

40

Incident Energy (eV)

21-Sc-45



