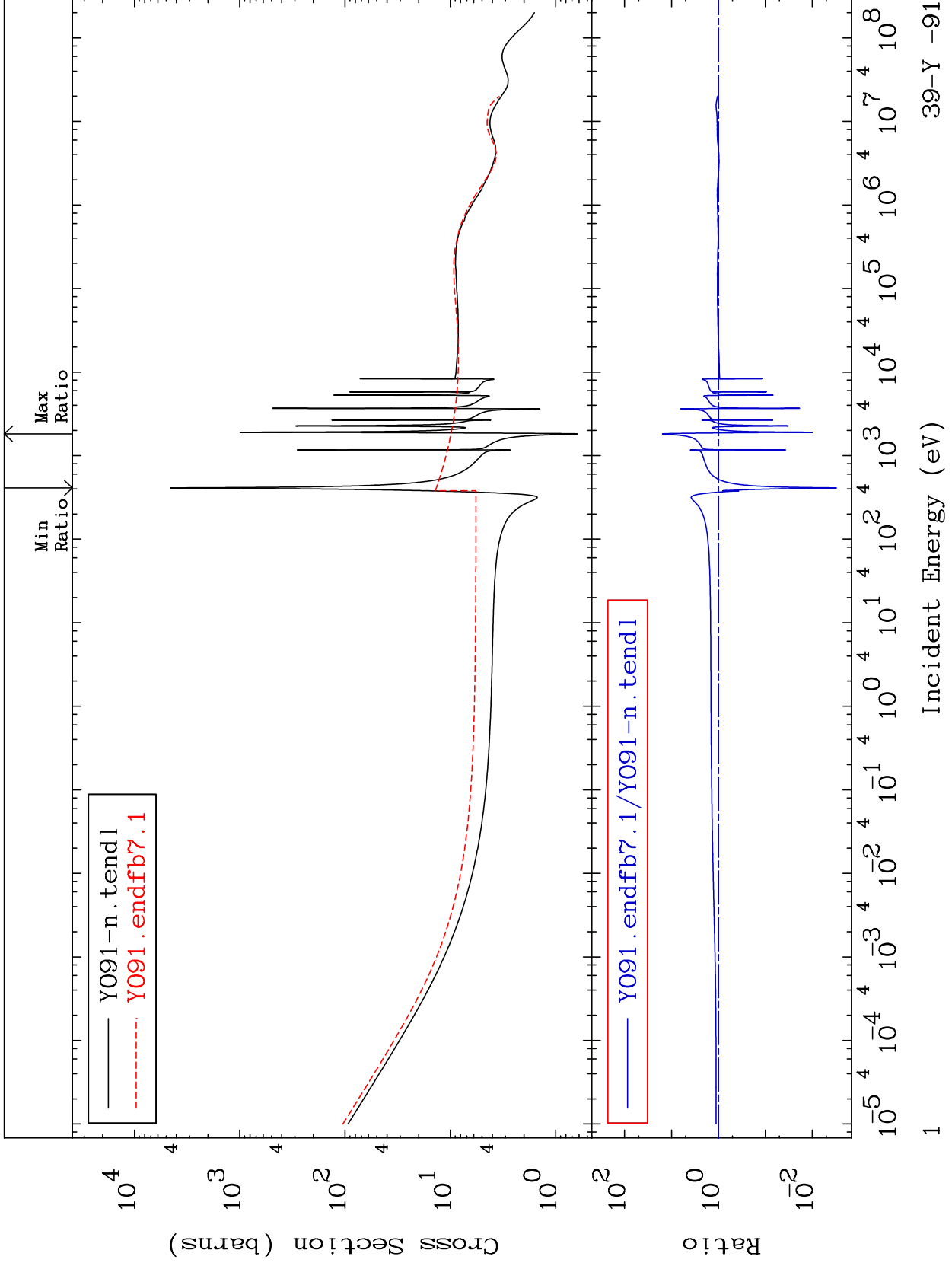


MAT 3931

Total
Cross Section

39-Y -91
-99.70 To 1471. %



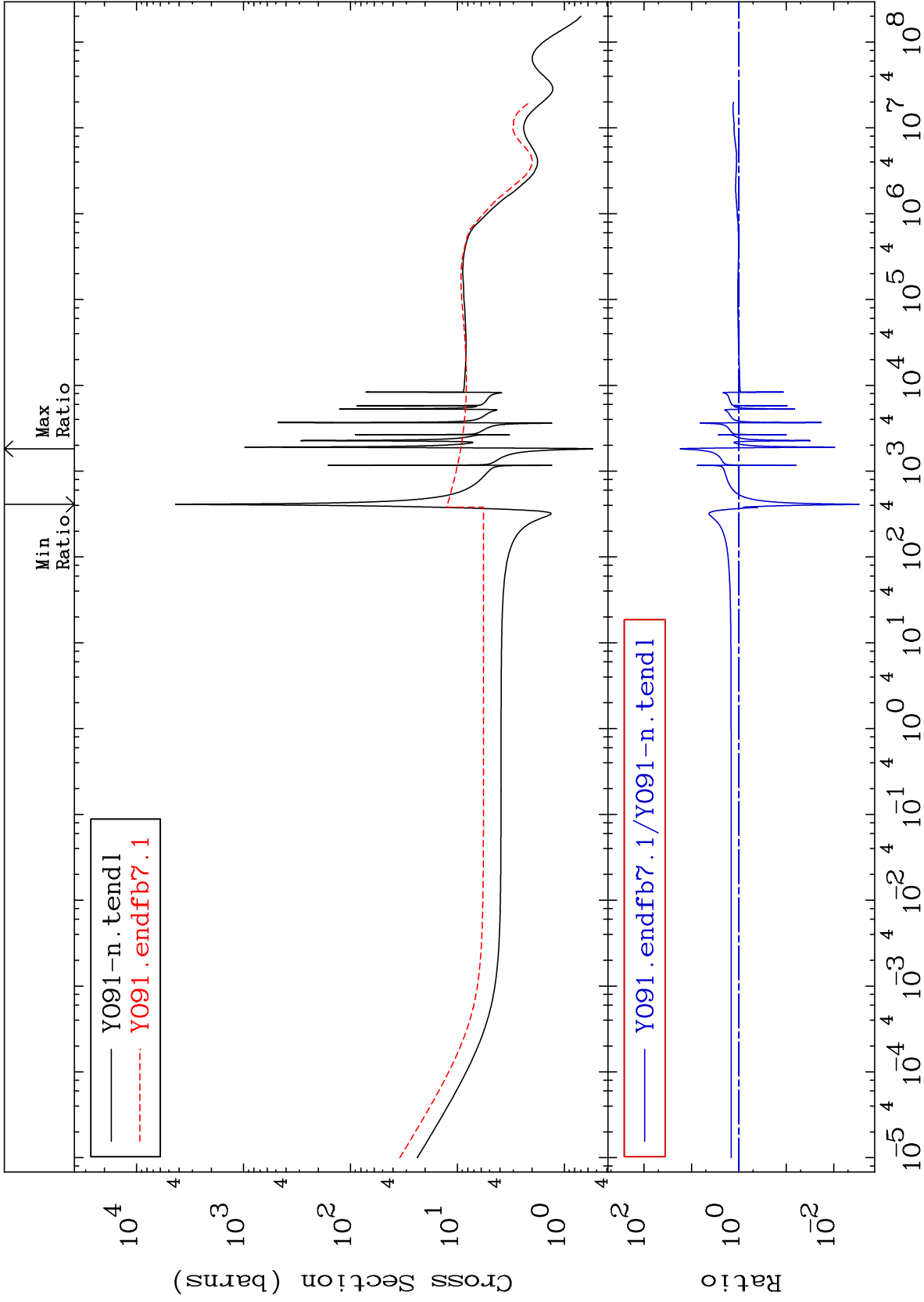
Incident Energy (eV)

39-Y -91

MAT 3931

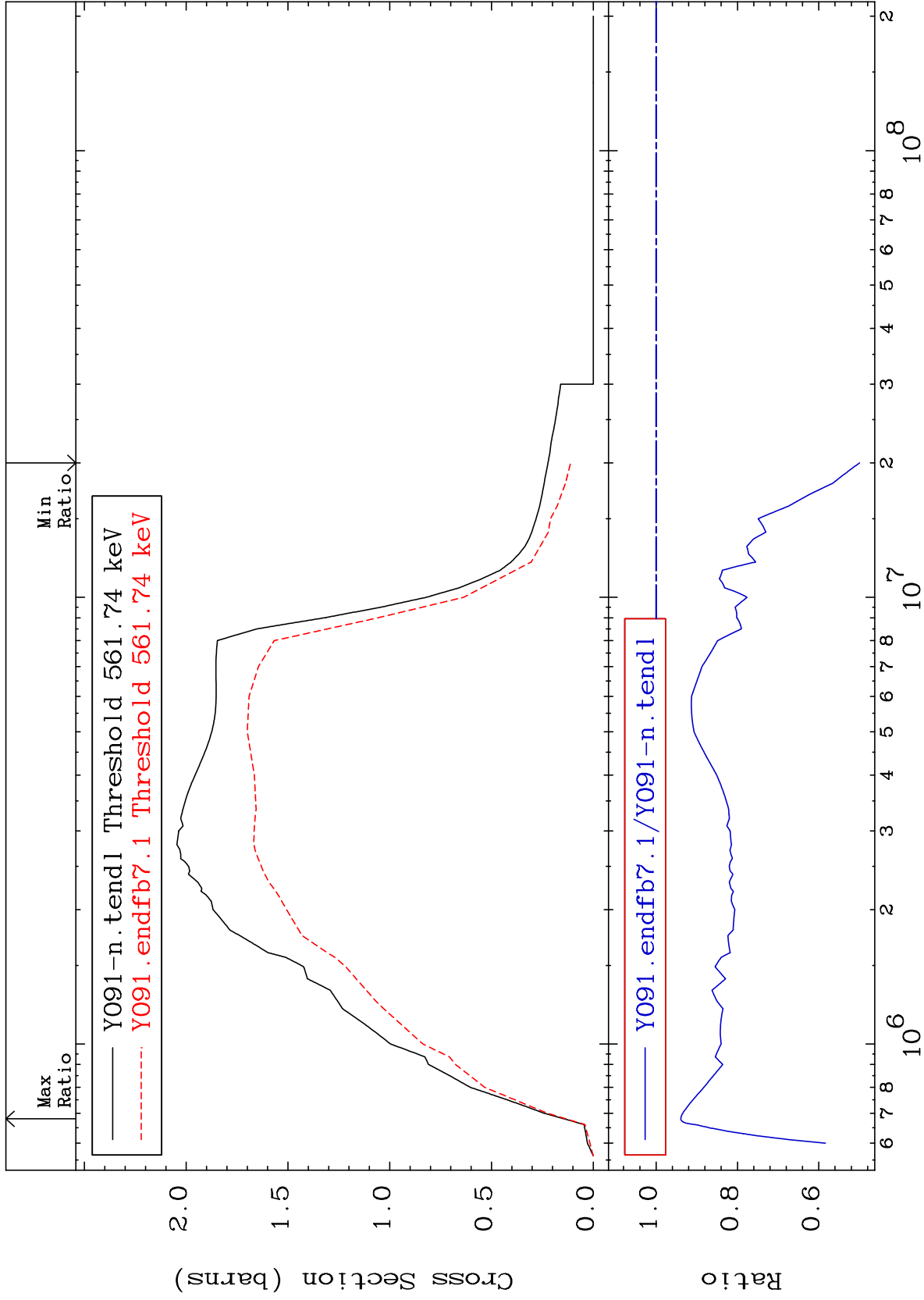
Elastic
Cross Section

39-Y -91
-99.71 To 1616. %



Incident Energy (eV)

39-Y -91



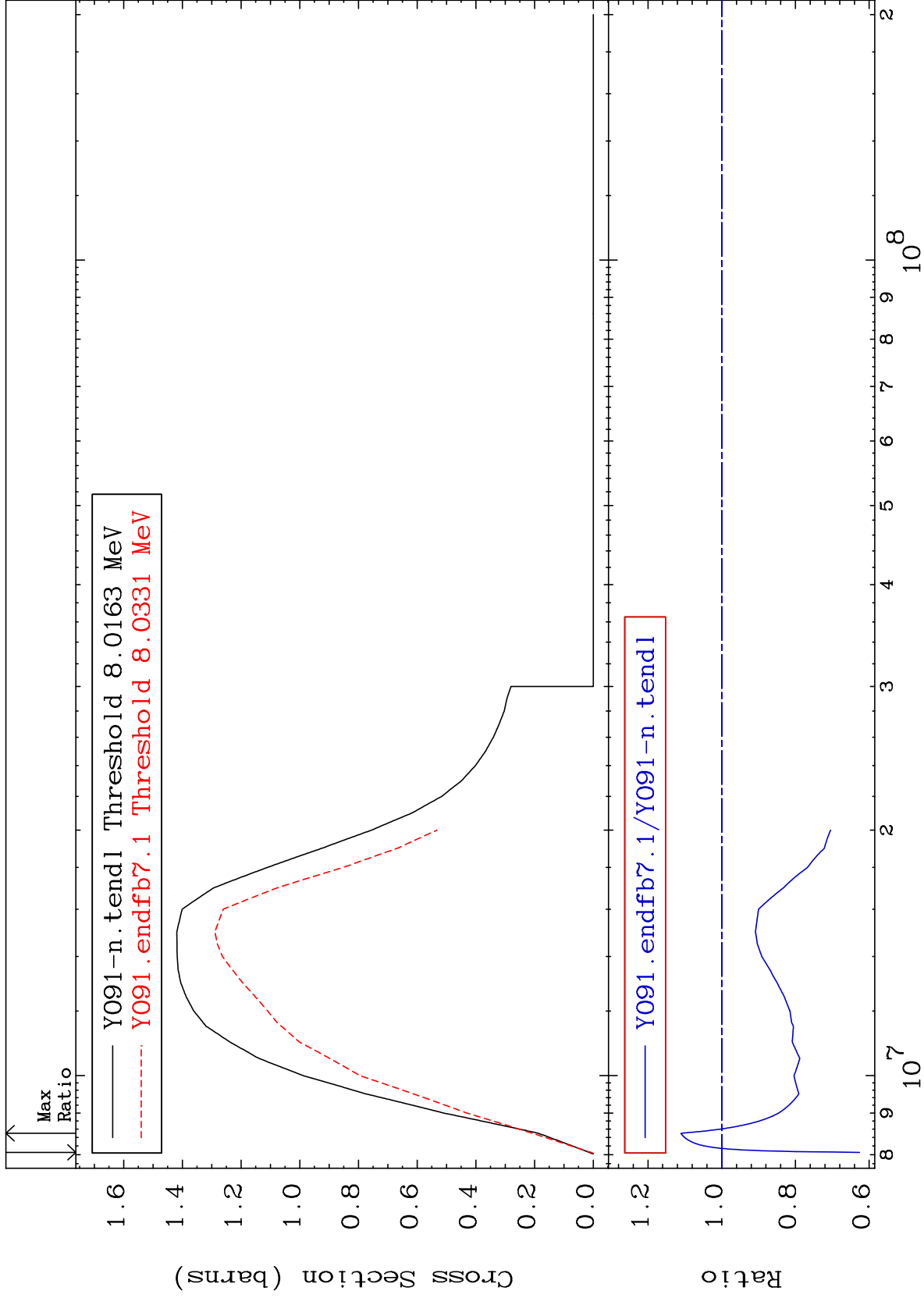
MAT 3931

(n,2n)

39-Y -91

Cross Section

-37.38 To 11.10 %



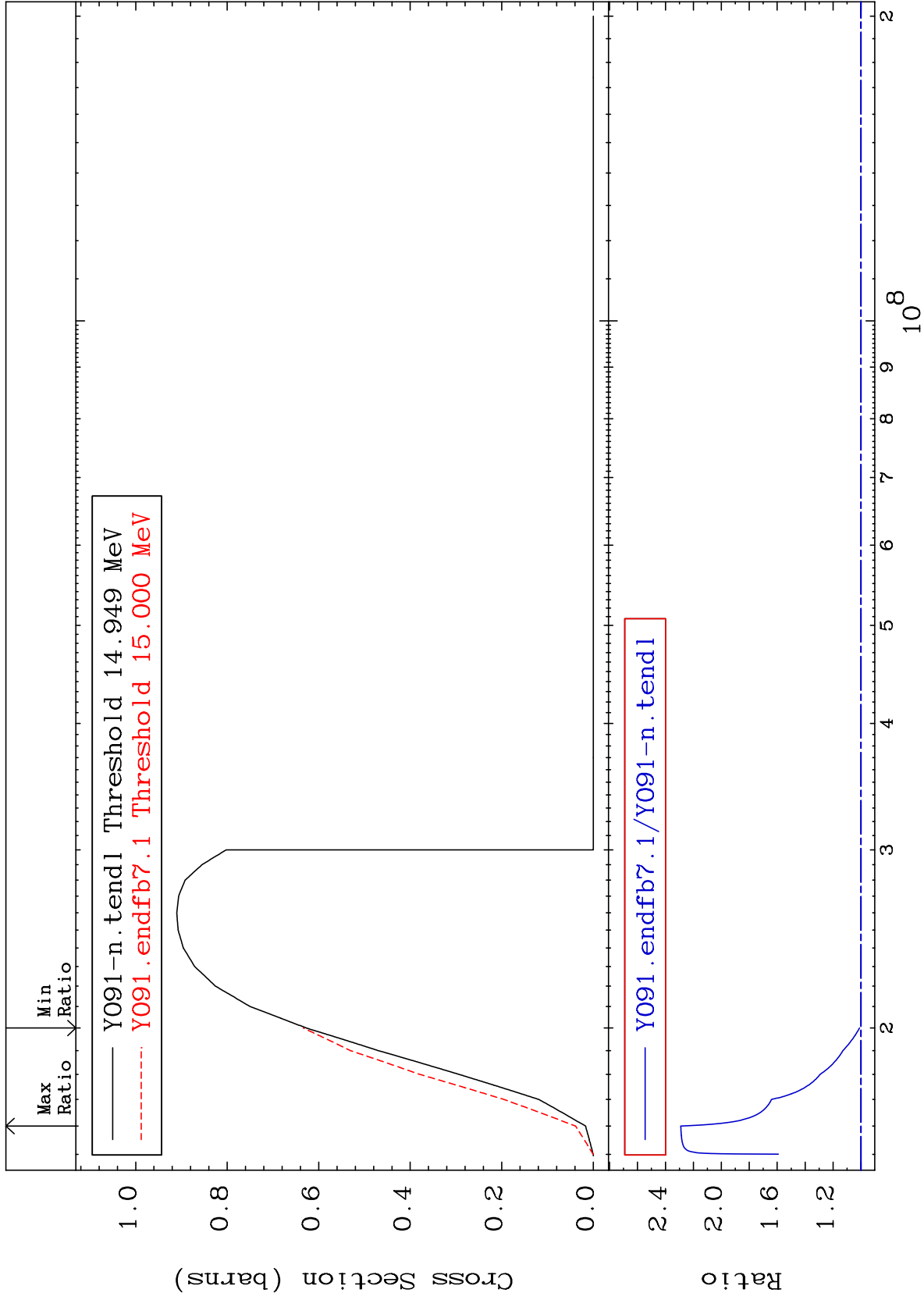
4

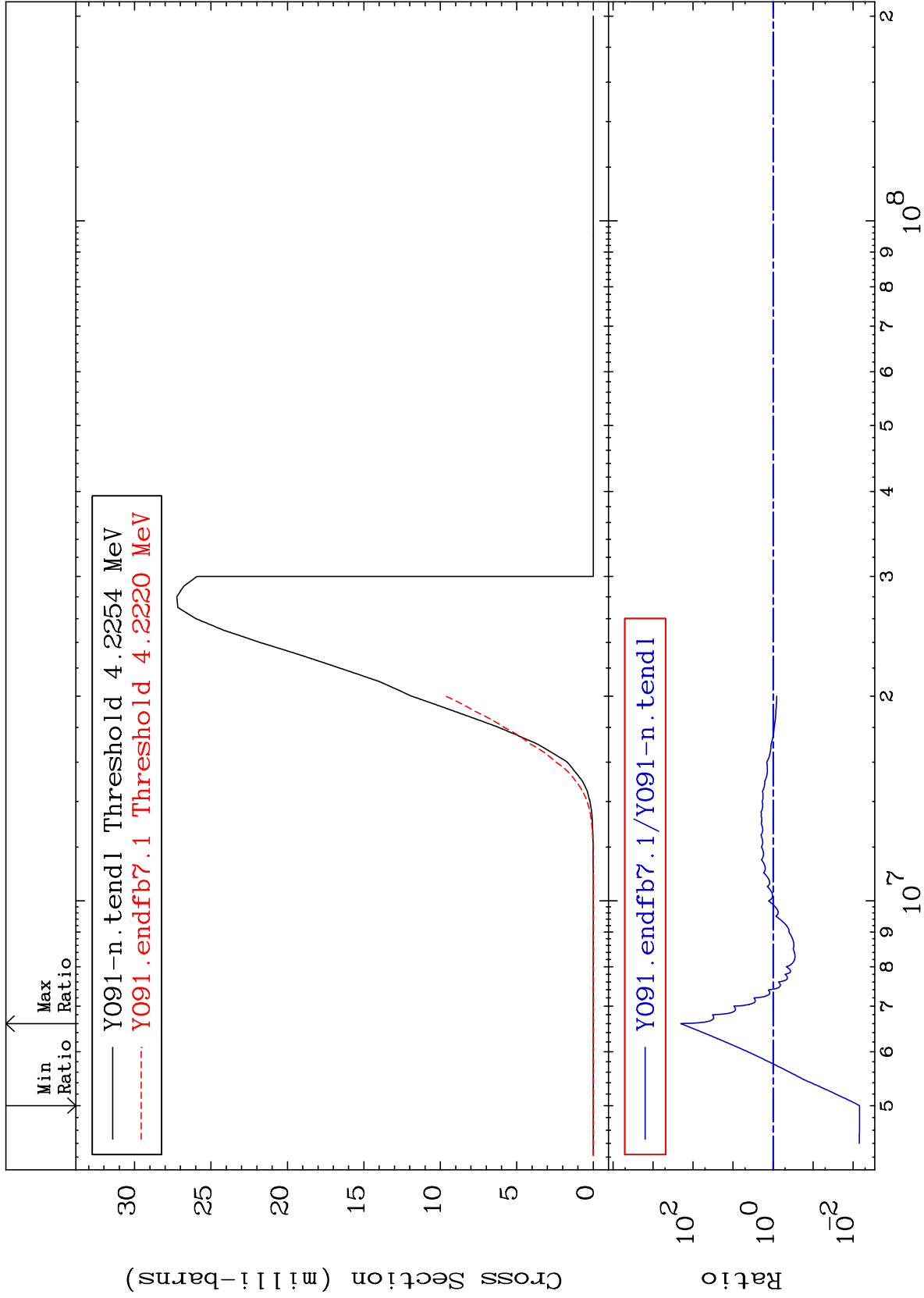
Incident Energy (eV)

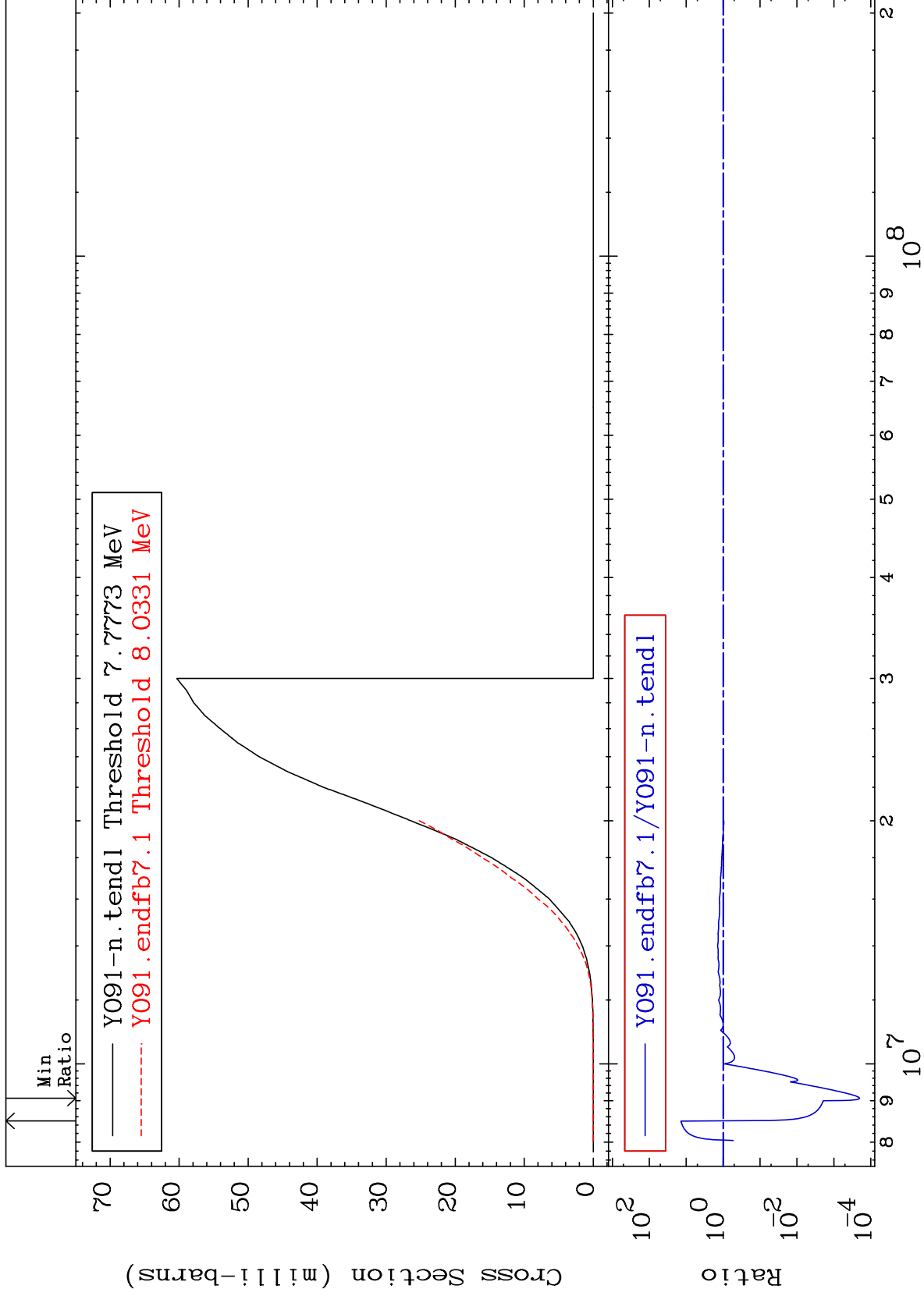
39-Y -91

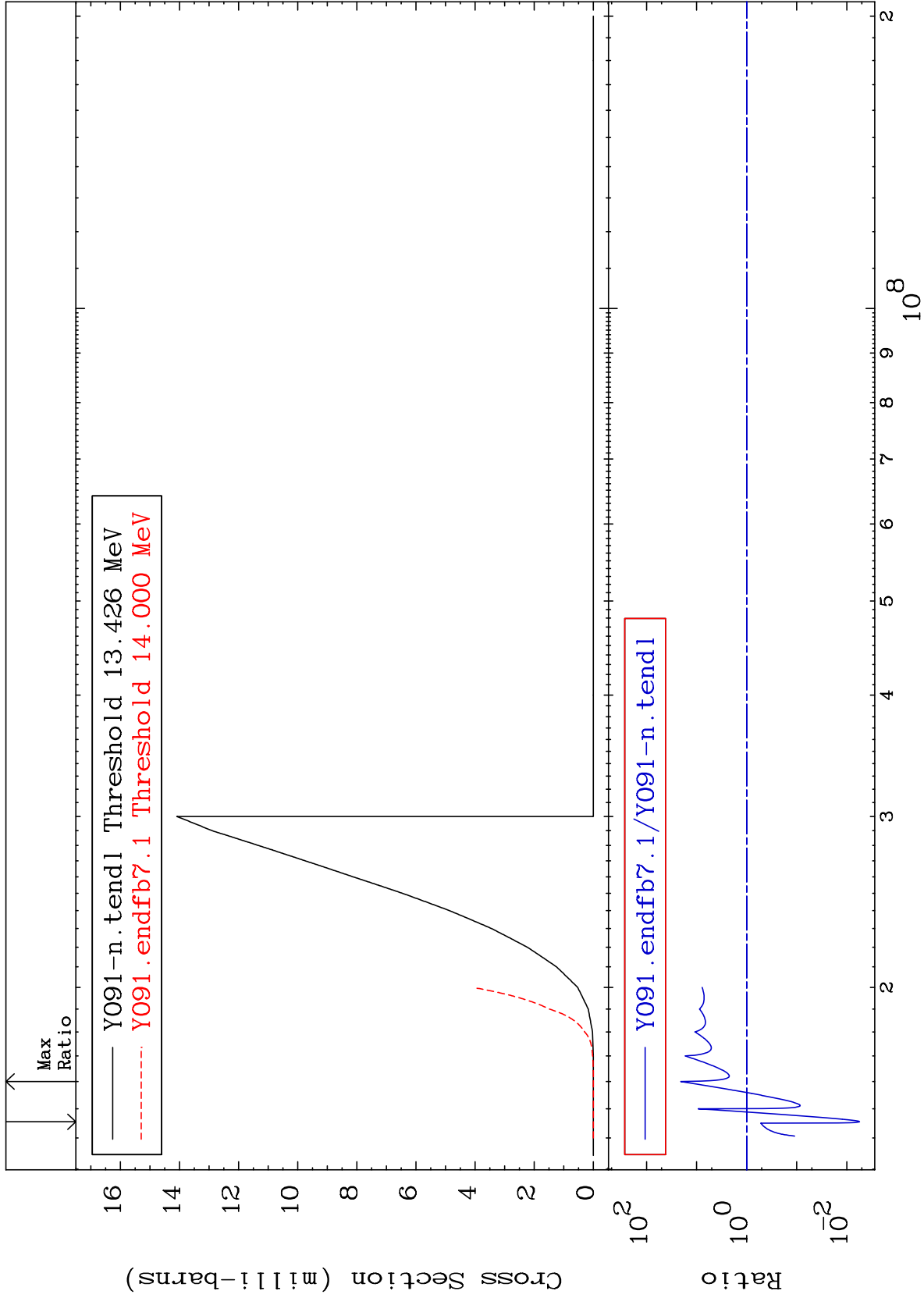
Cross Section

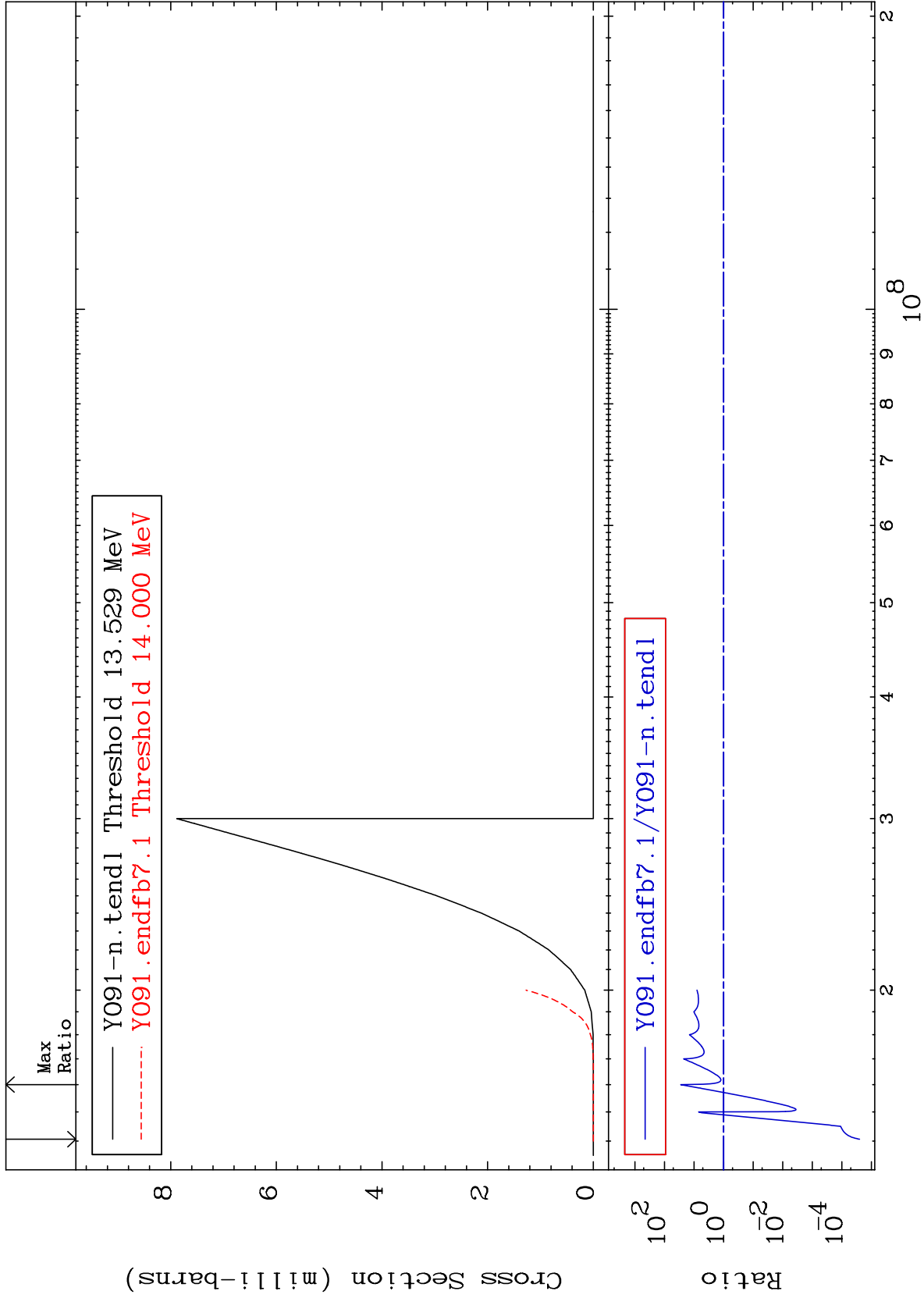
1.058 To 129.0 %











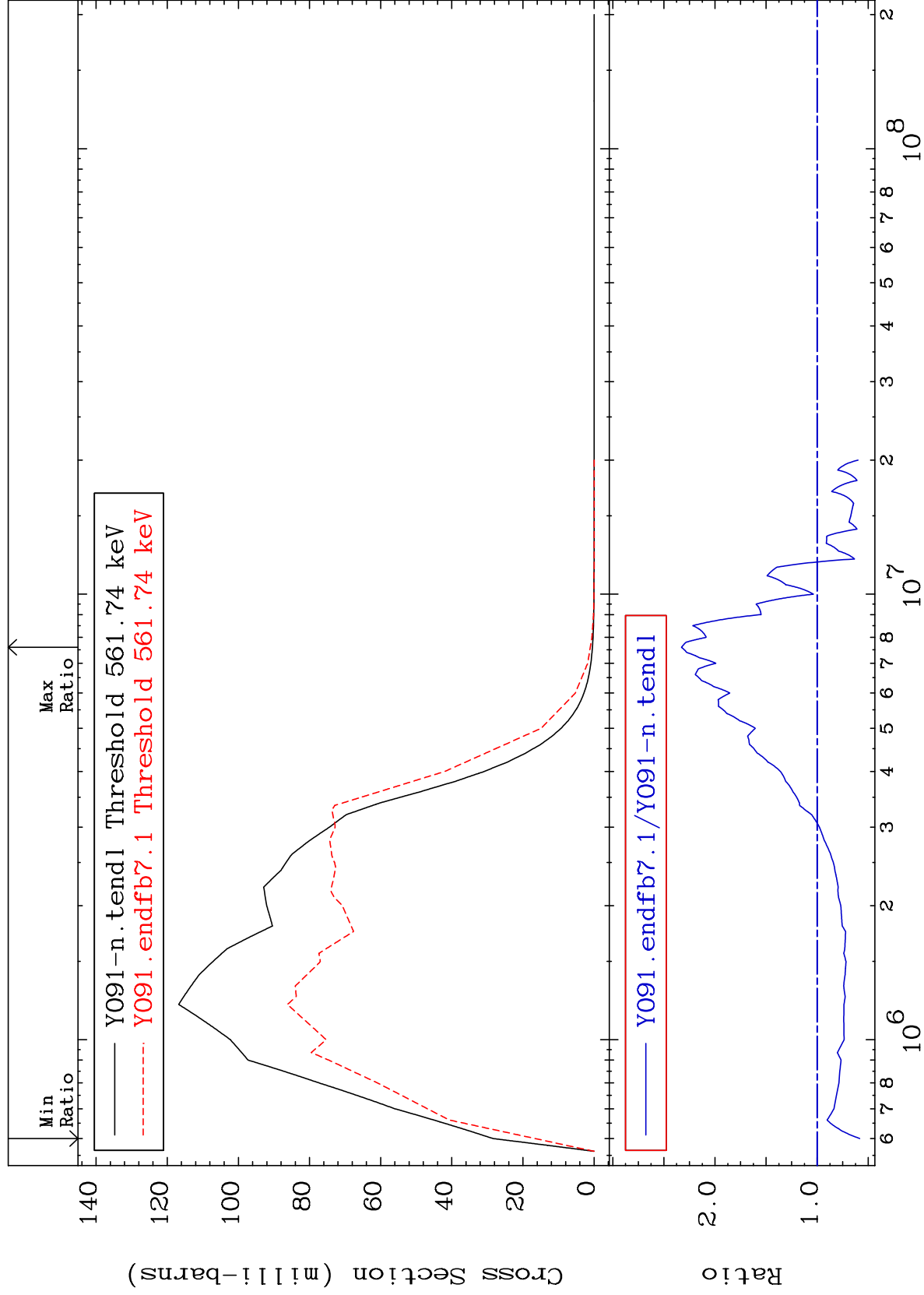
MAT 3931

555.6 keV (n,n') Level

39-Y -91

-41.60 To 132.9 %

Cross Section



10

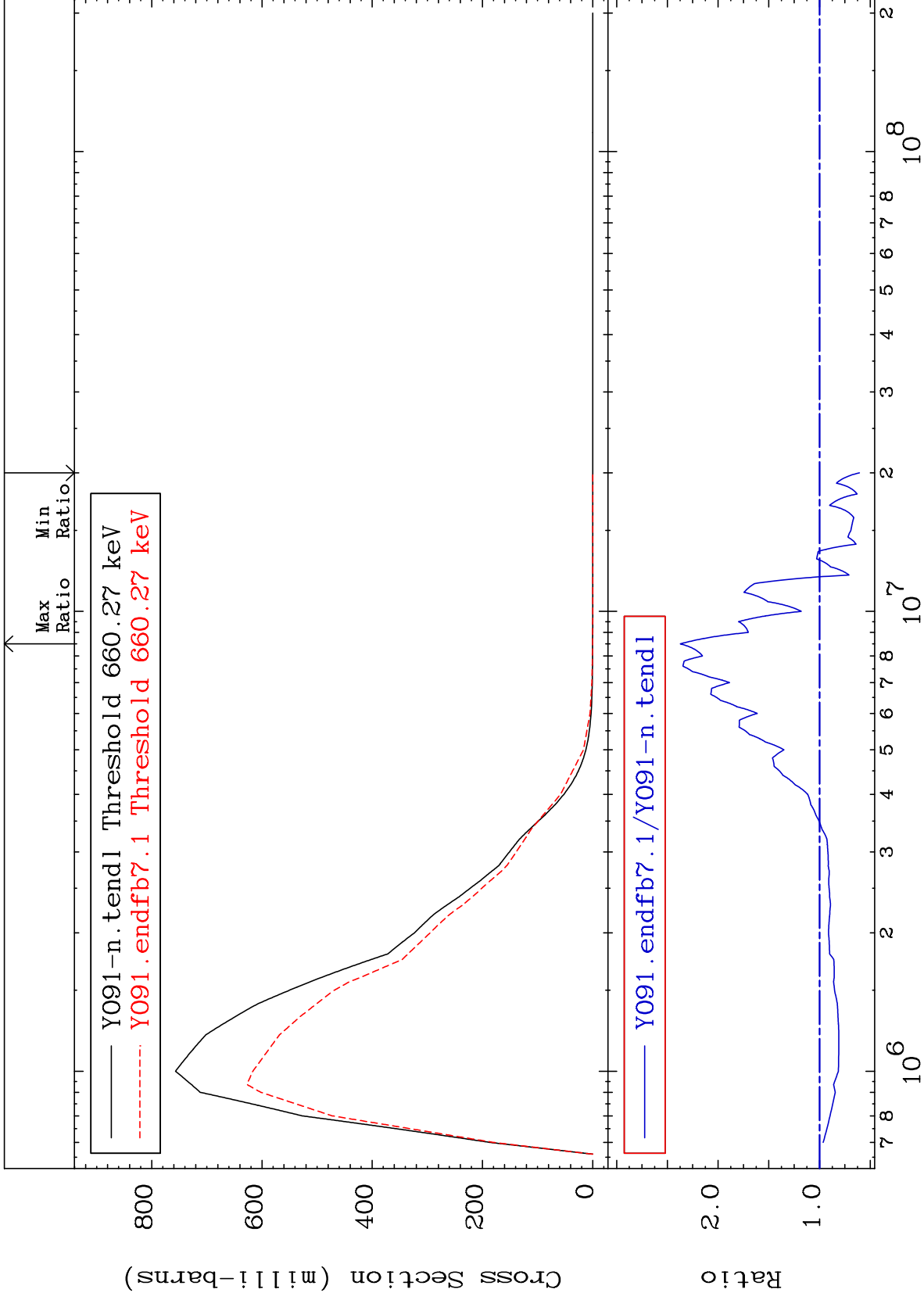
Incident Energy (eV)

39-Y -91

MAT 3931

653.0 keV (n,n') Level
Cross Section

39-Y -91
-39.31 To 137.2 %



11

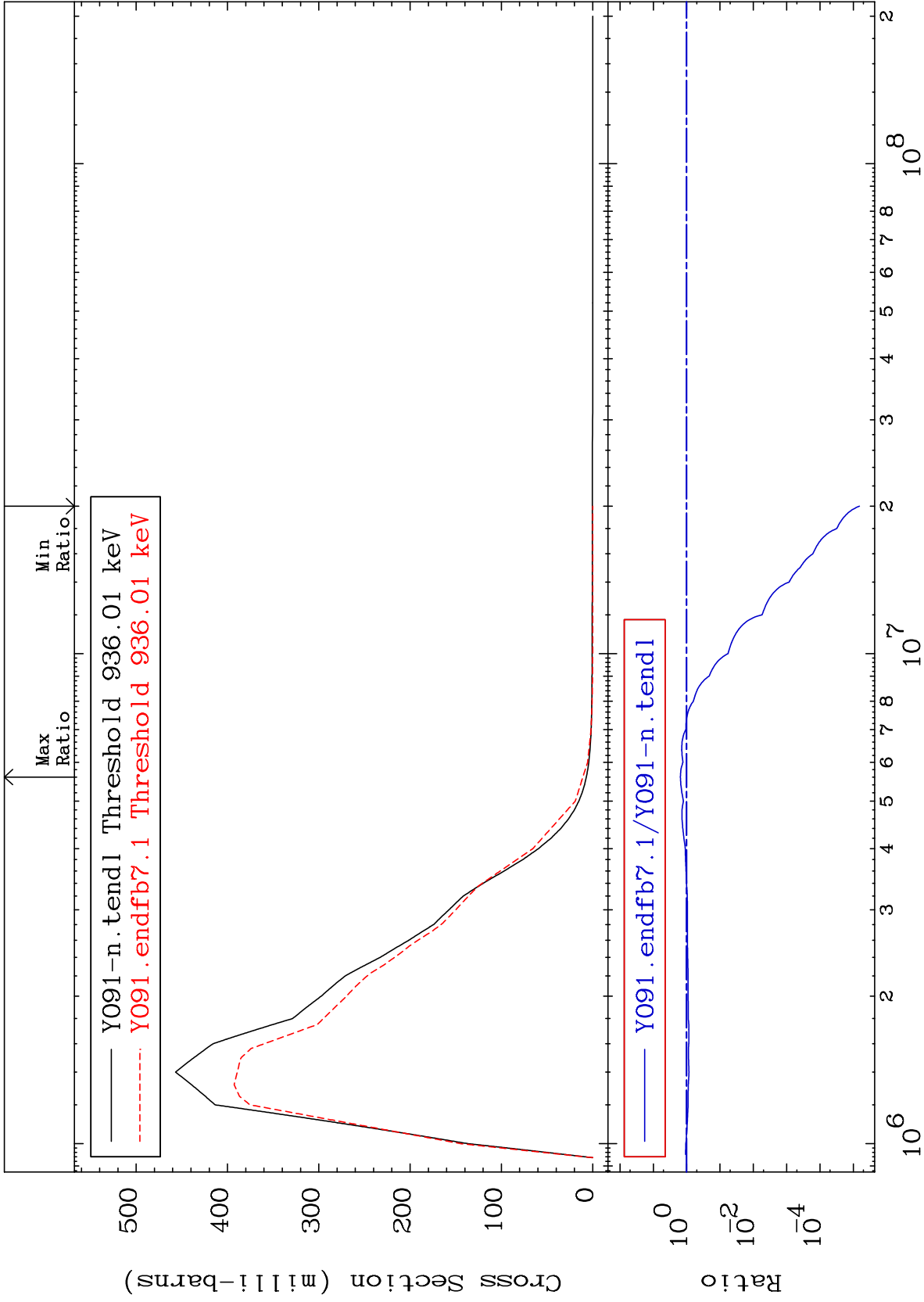
Incident Energy (eV)

39-Y -91

MAT 3931

925.7 keV (n,n') Level
Cross Section

39-Y -91
-100.0 To 54.57 %



12

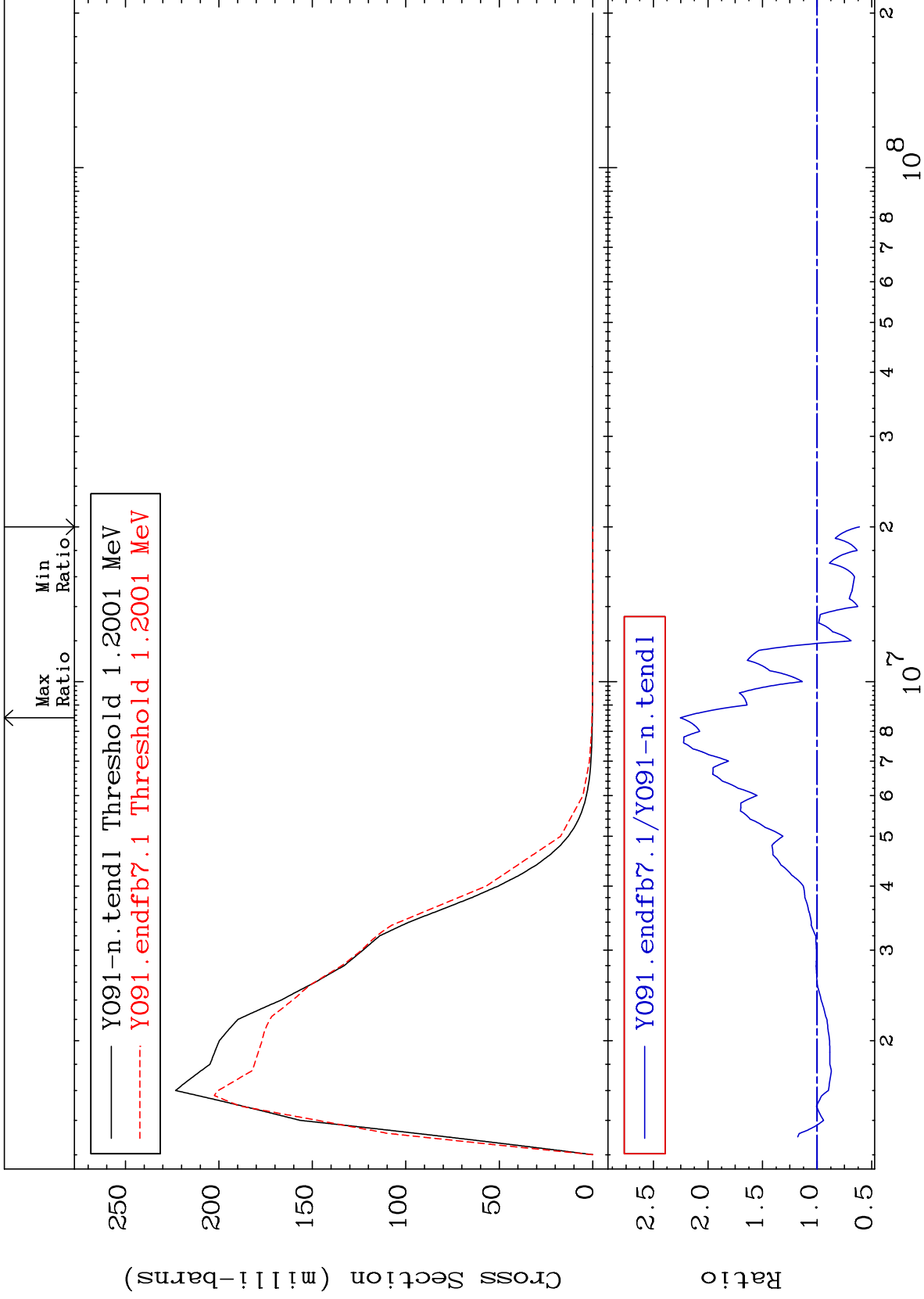
Incident Energy (eV)

39-Y -91

MAT 3931

1.187 MeV (n,n') Level
Cross Section

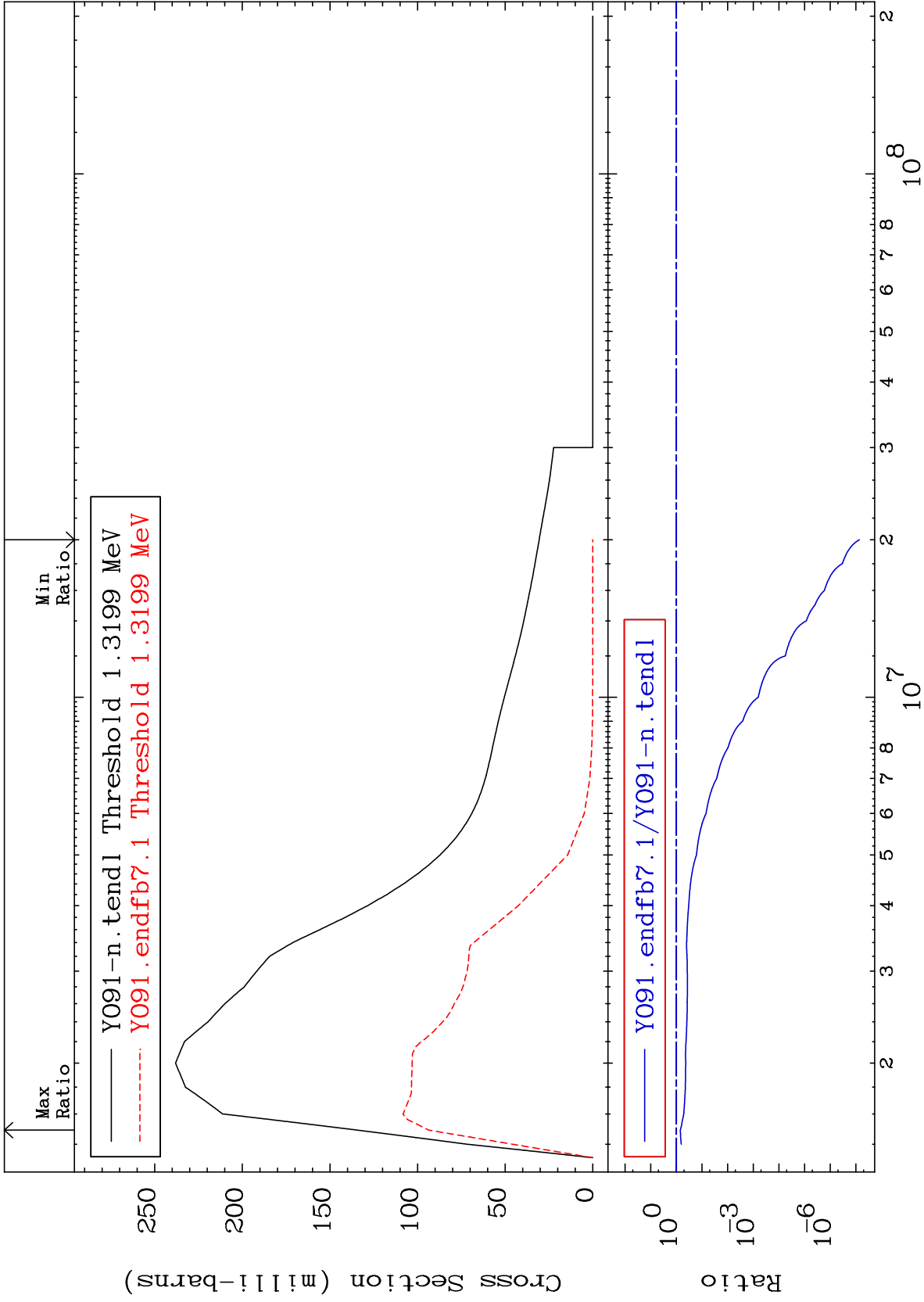
39-Y -91
-38.73 To 125.3 %



MAT 3931

1.305 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To -30.34%



14

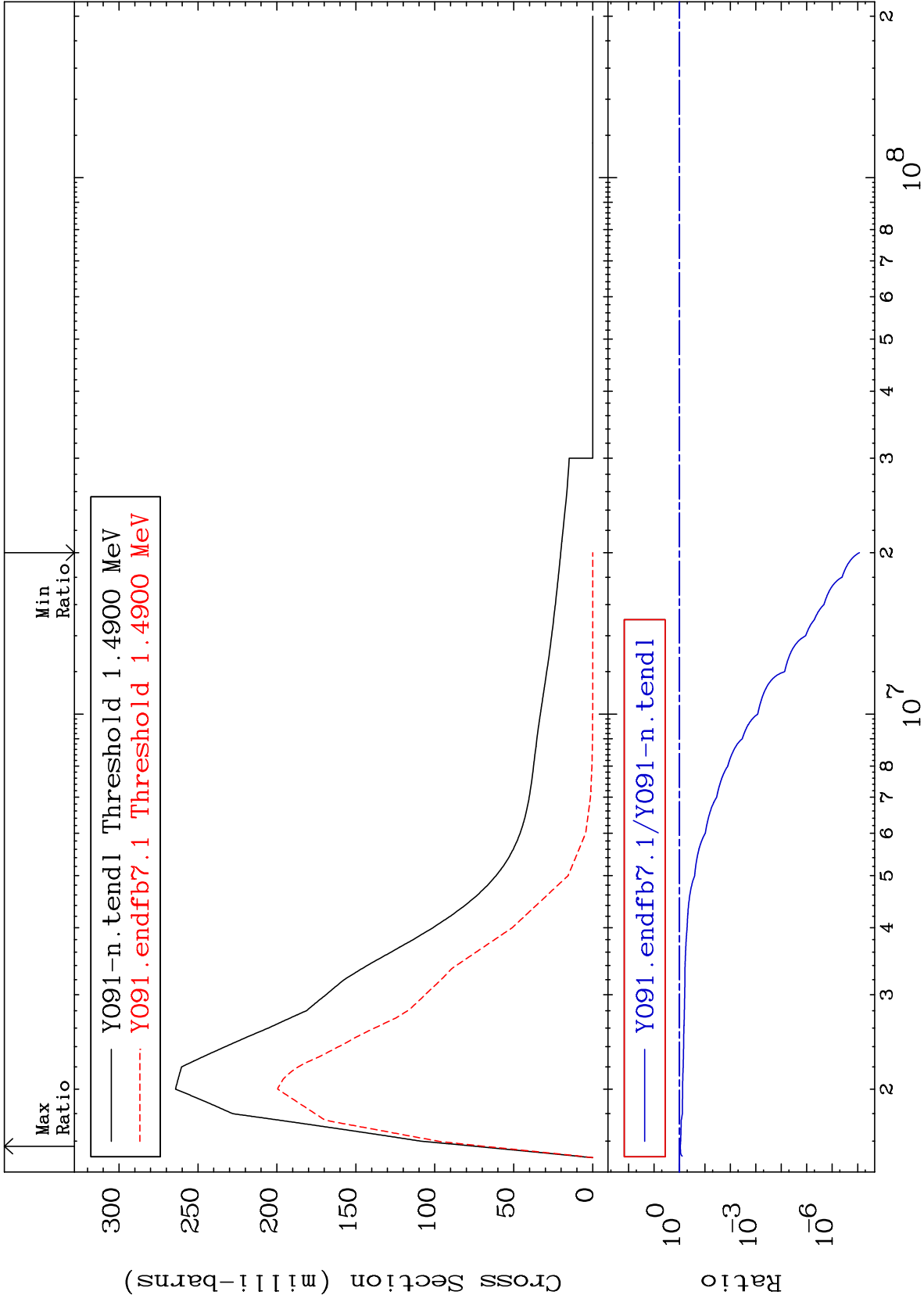
Incident Energy (eV)

39-Y -91

MAT 3931

1.474 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To -7.465%



15

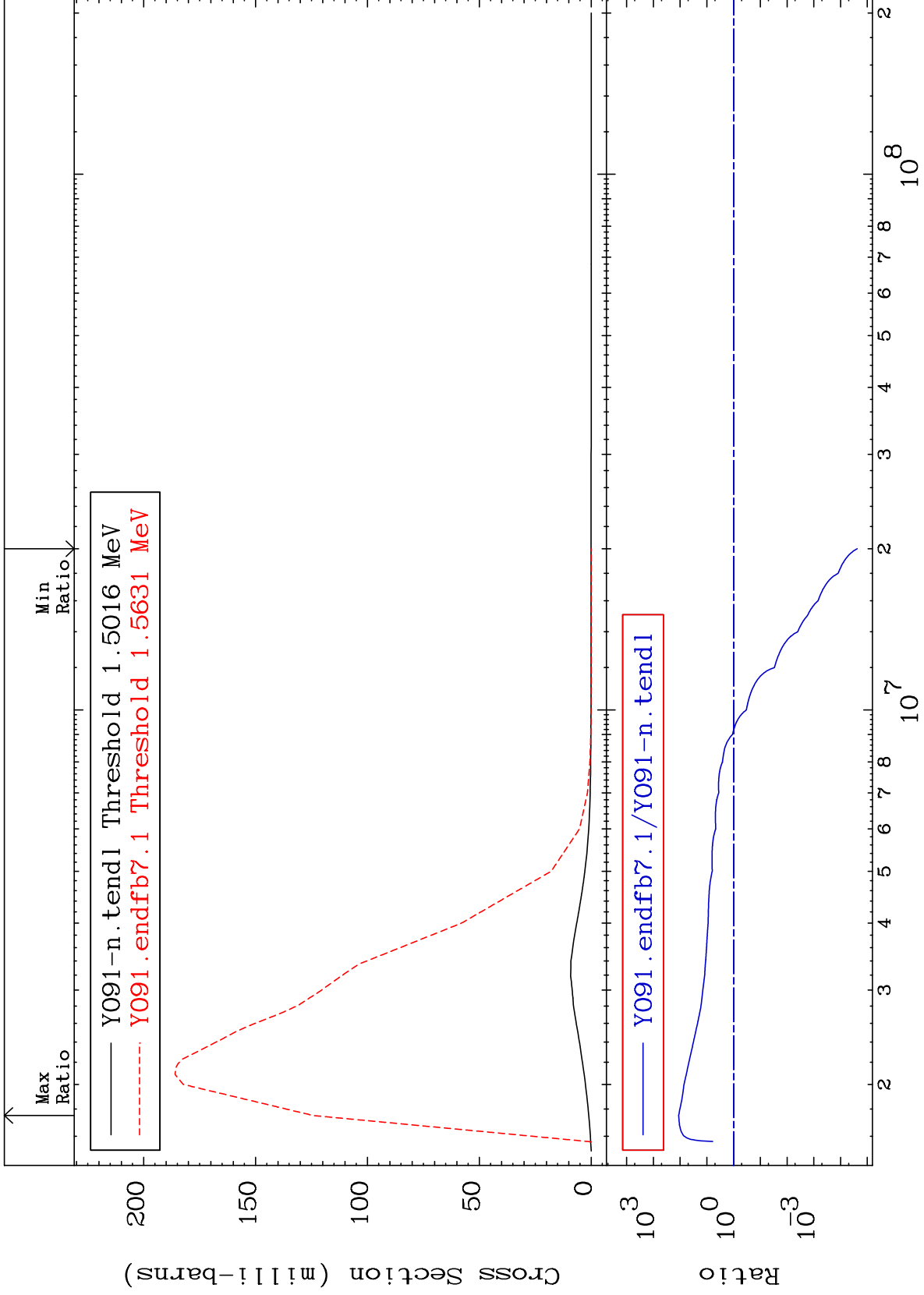
Incident Energy (eV)

39-Y -91

MAT 3931

1.485 MeV (n,n') Level
Cross Section

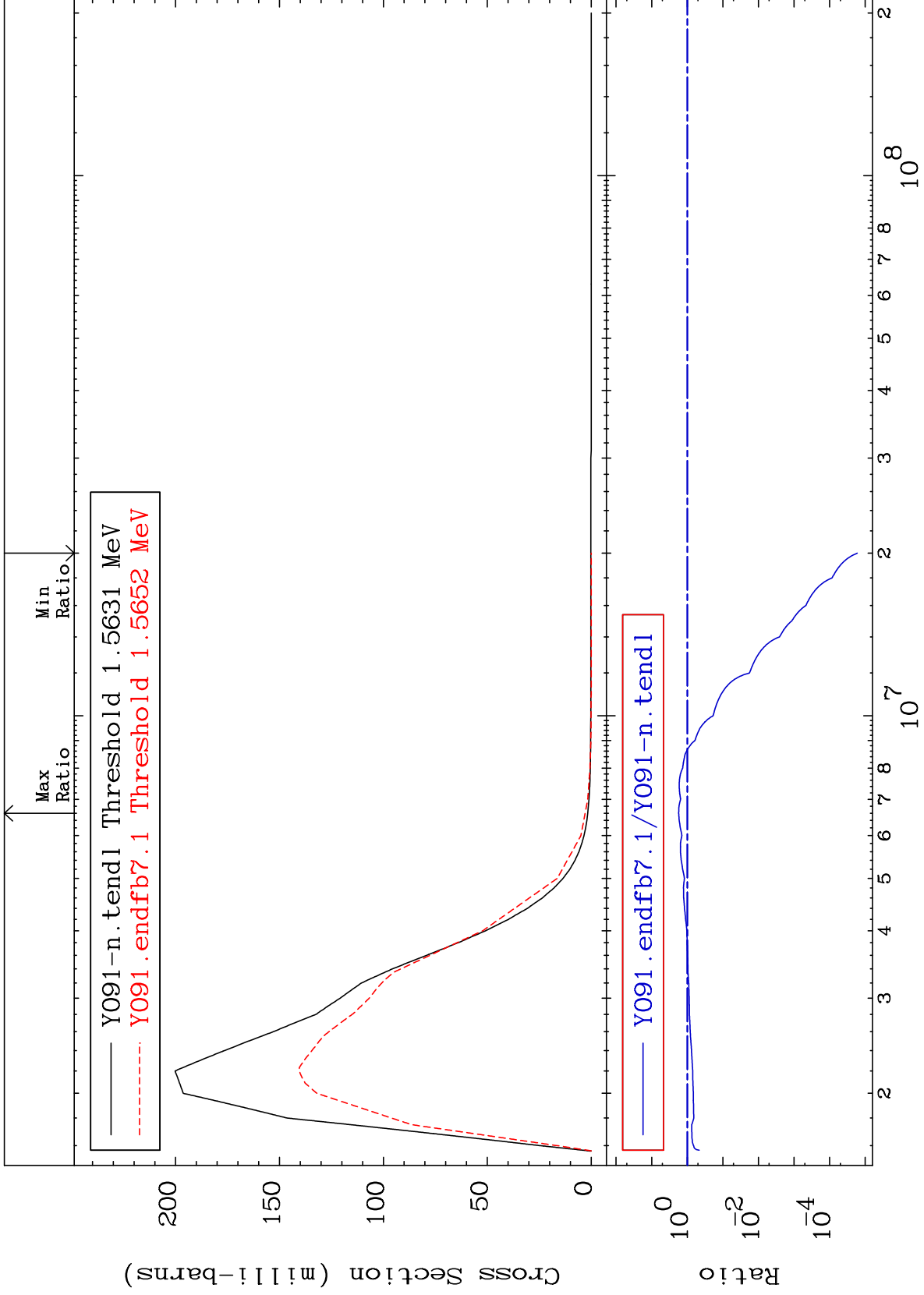
39-Y -91
-100.0 To 9999. %



MAT 3931

1.546 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To 74.76 %



17

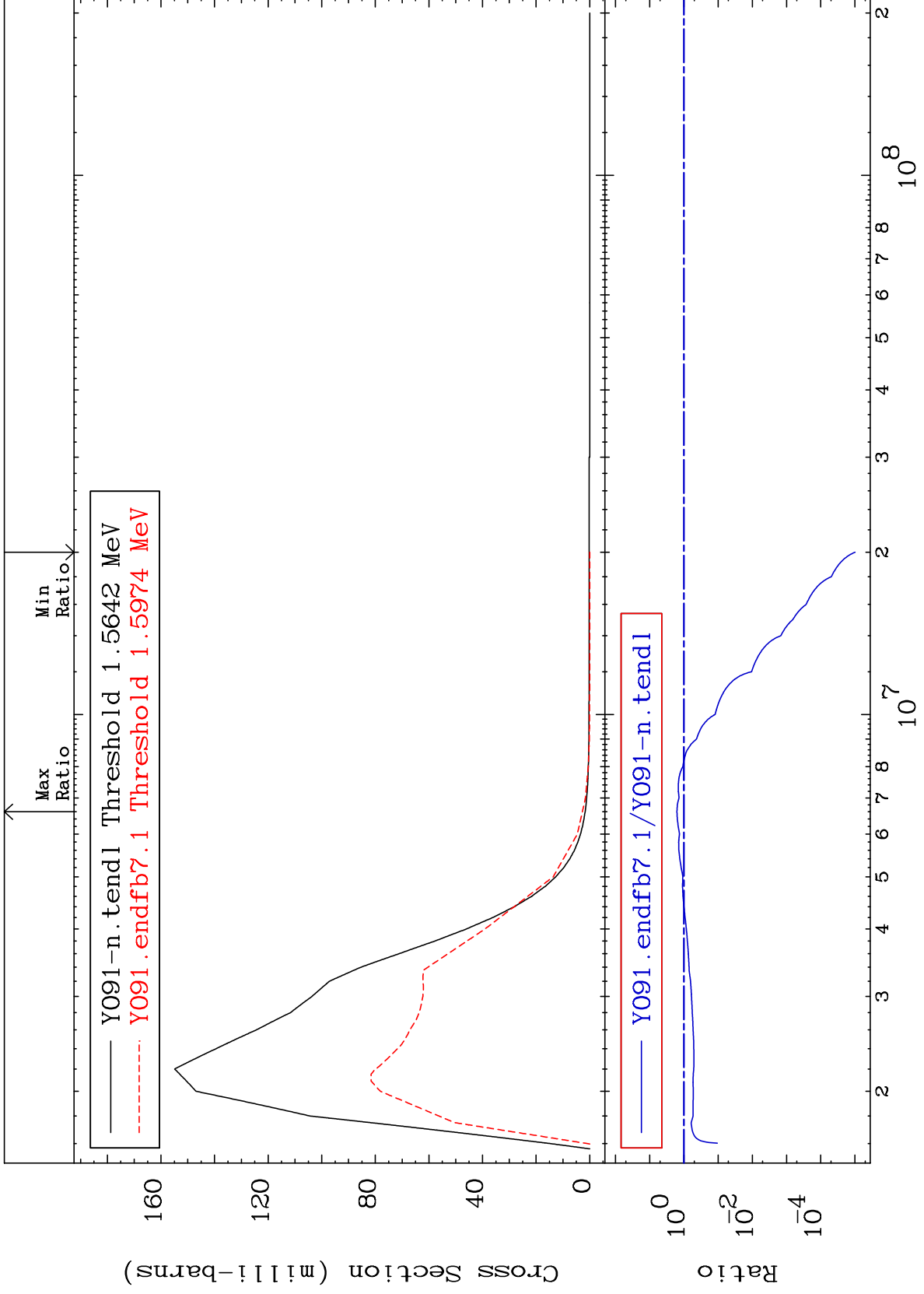
Incident Energy (eV)

39-Y -91

MAT 3931

1.547 MeV (n,n') Level
Cross Section

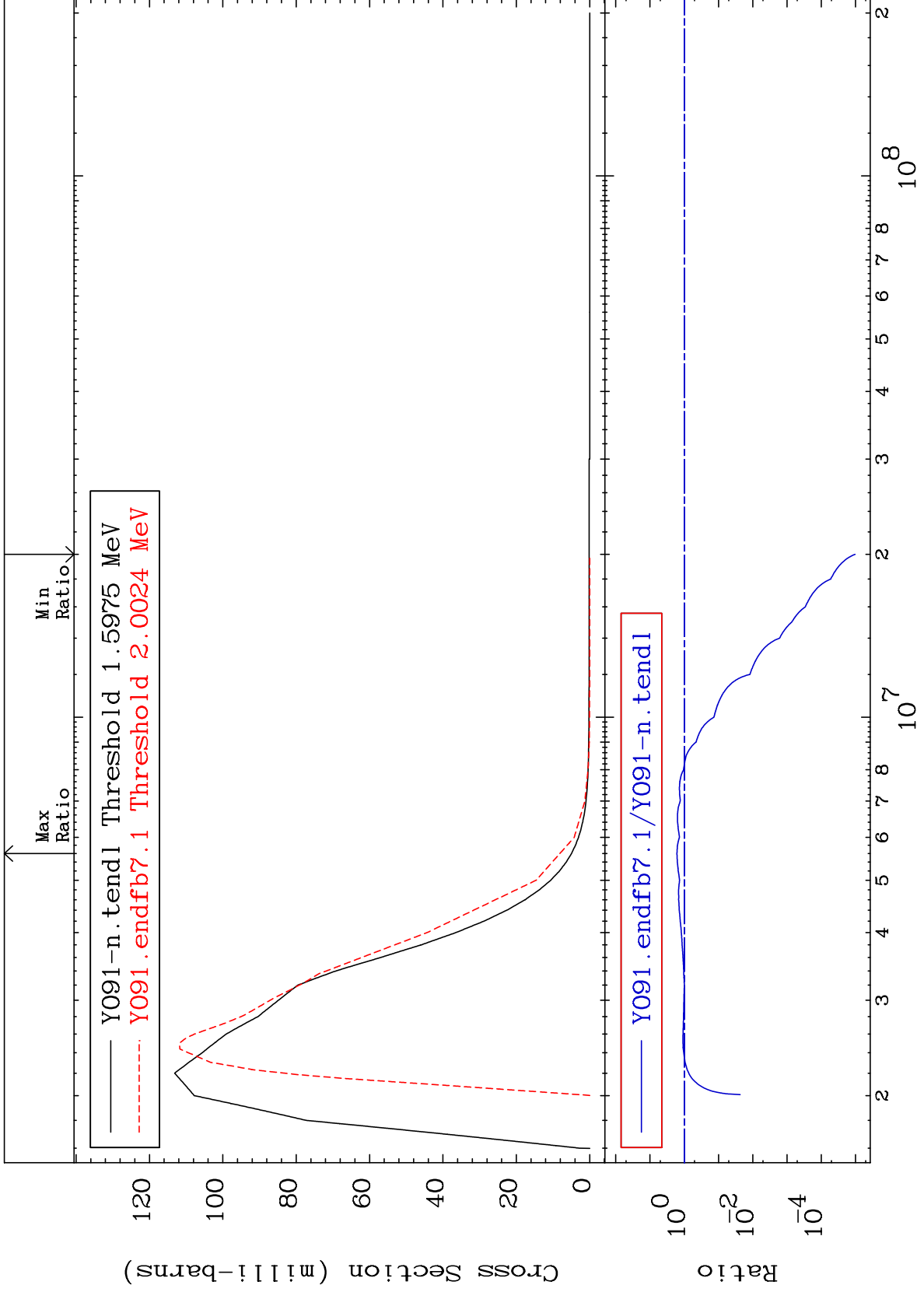
39-Y -91
-100.0 To 59.99 %



MAT 3931

1.580 MeV (n,n') Level
Cross Section

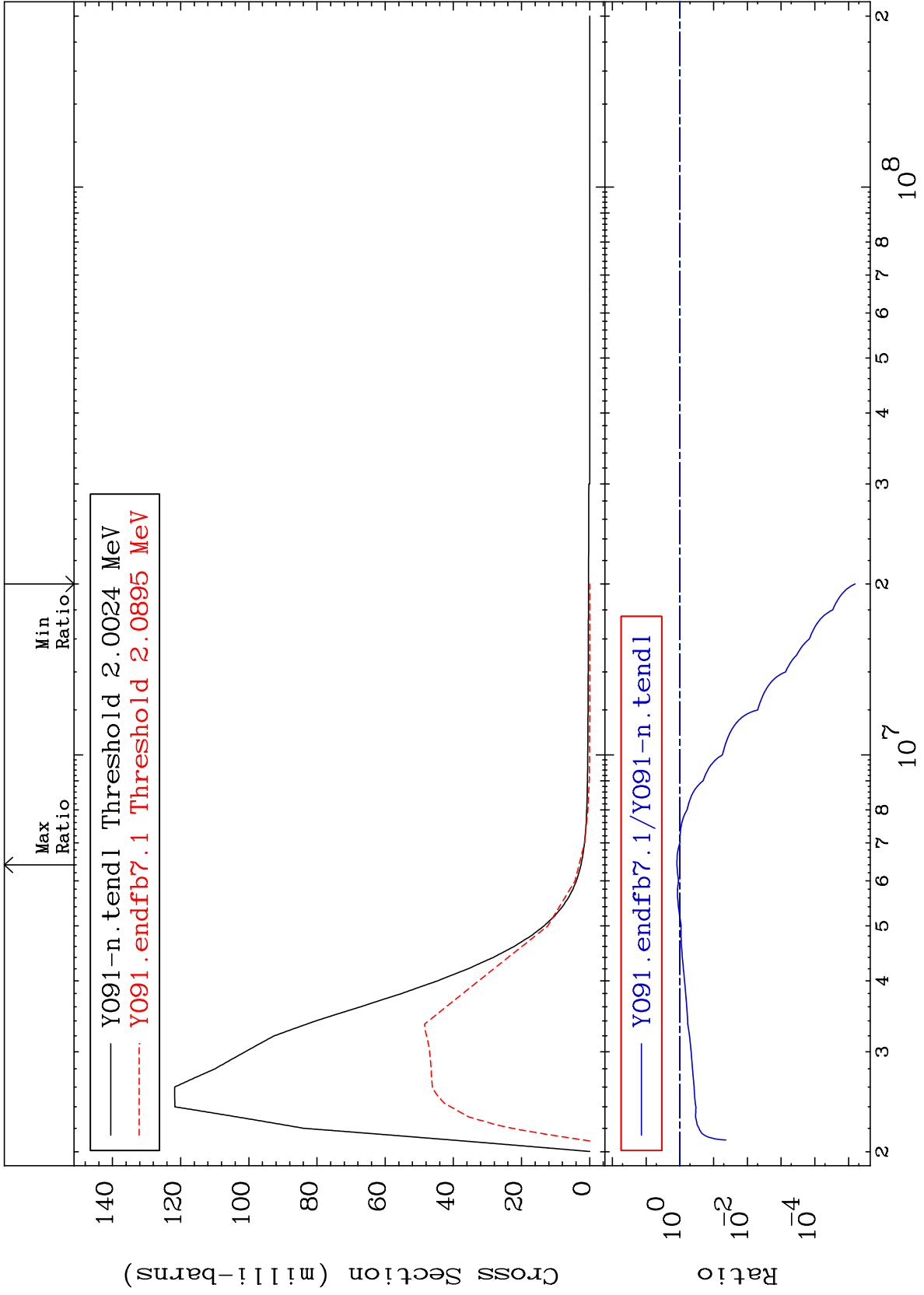
39-Y -91
-100.0 To 63.68 %



MAT 3931

1.980 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To 22.23 %



20

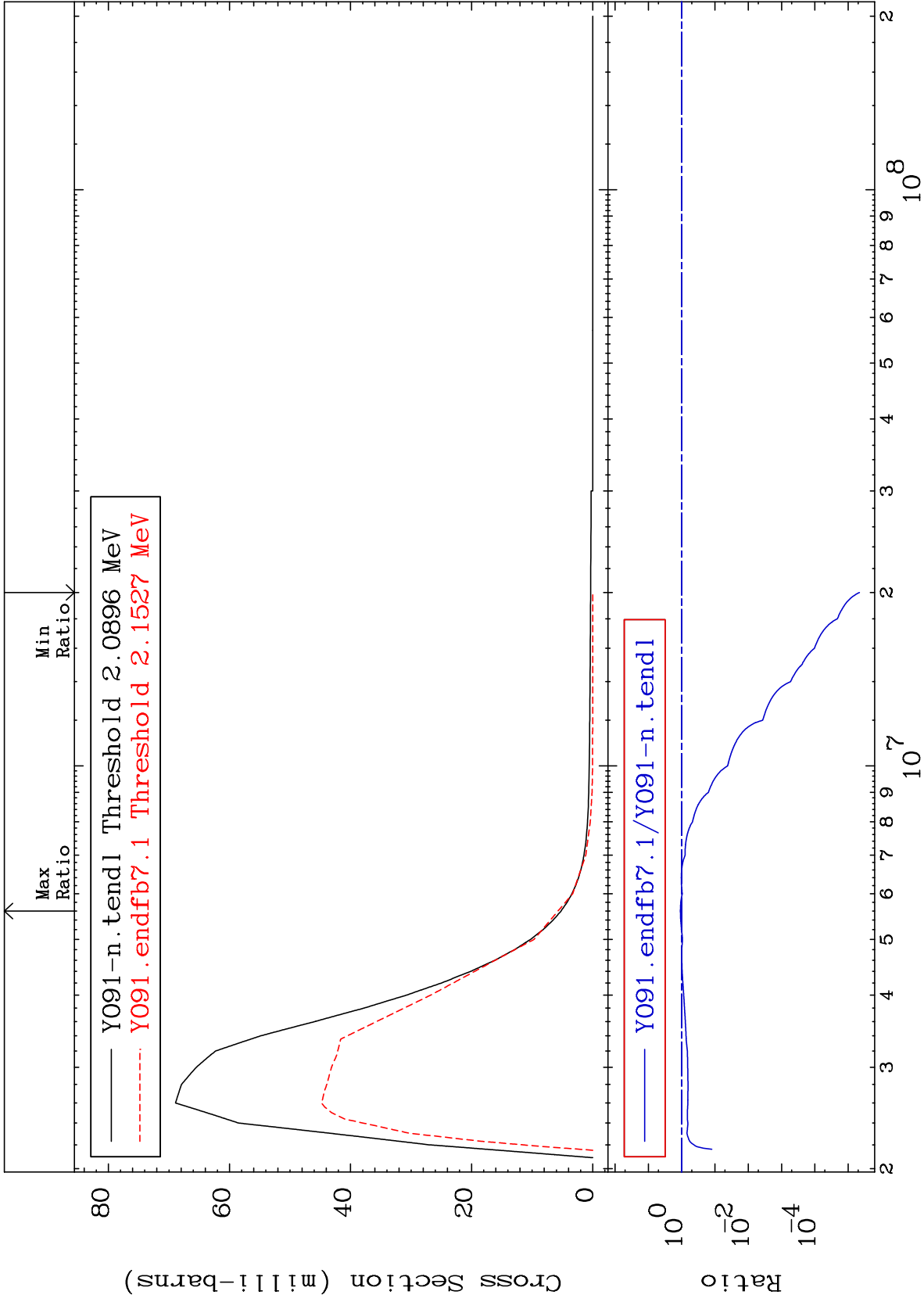
Incident Energy (eV)

39-Y -91

MAT 3931

2.067 MeV (n,n') Level
Cross Section

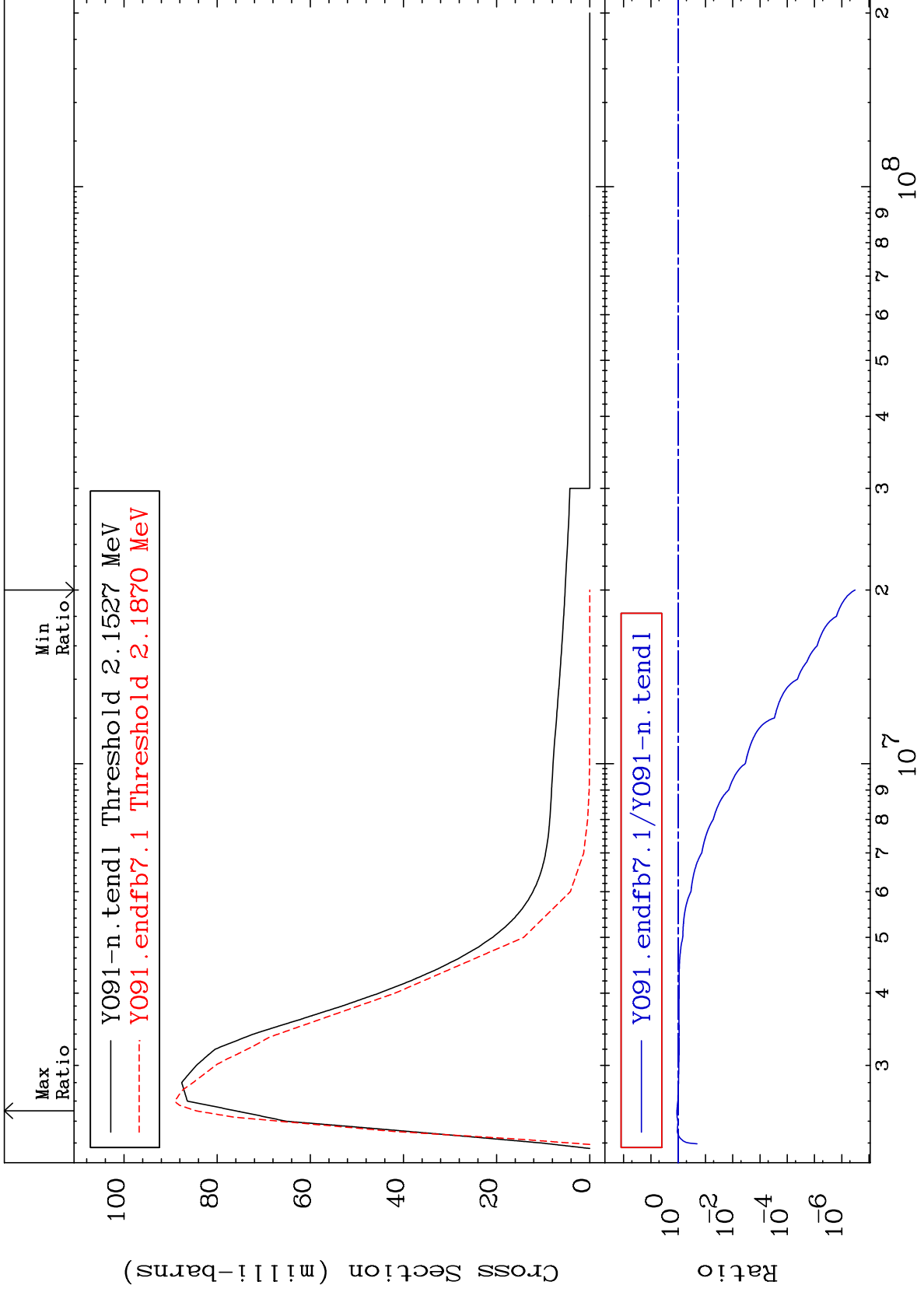
39-Y -91
-100.0 To 9.478 %

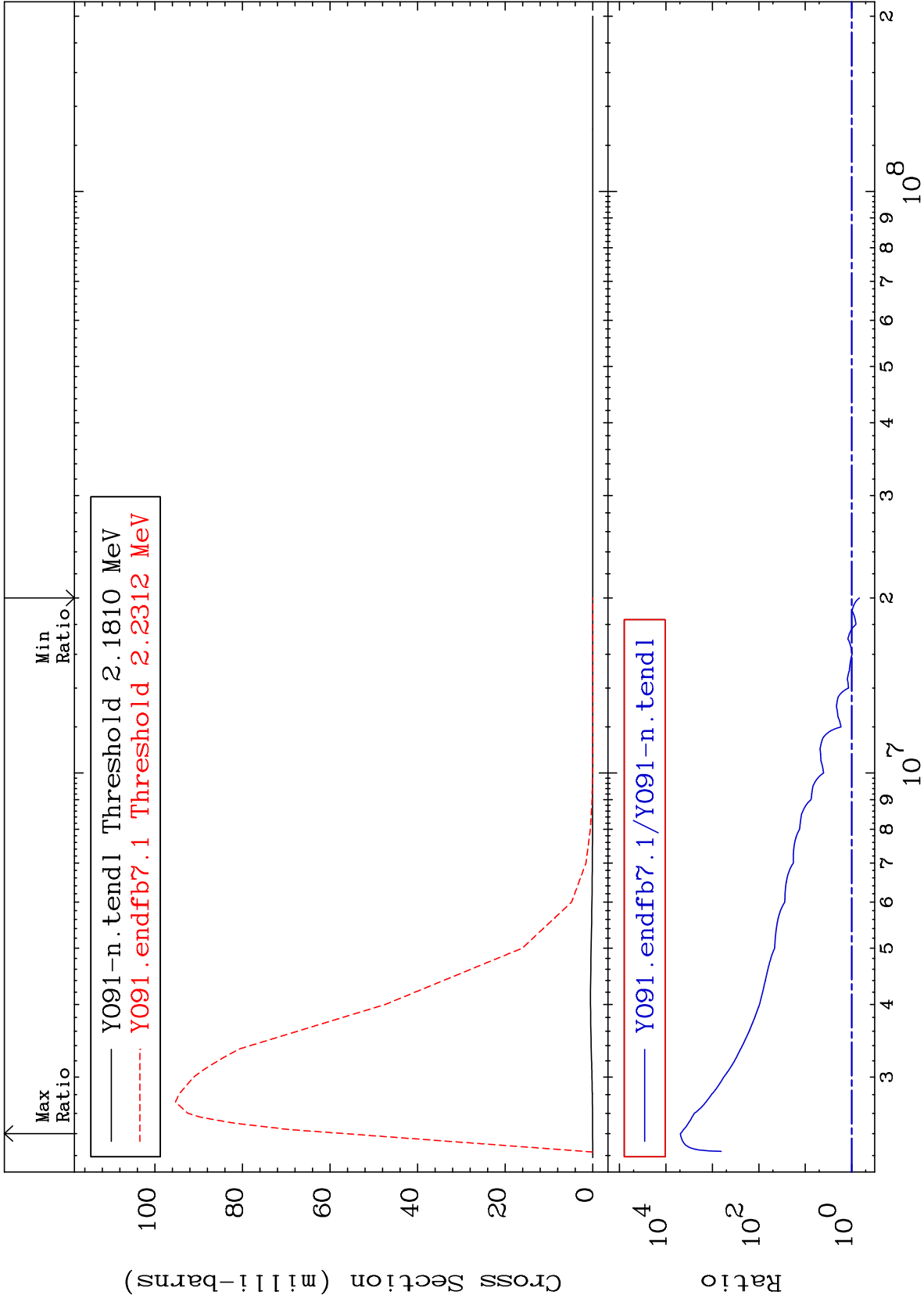


MAT 3931

2.129 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To 11.23 %

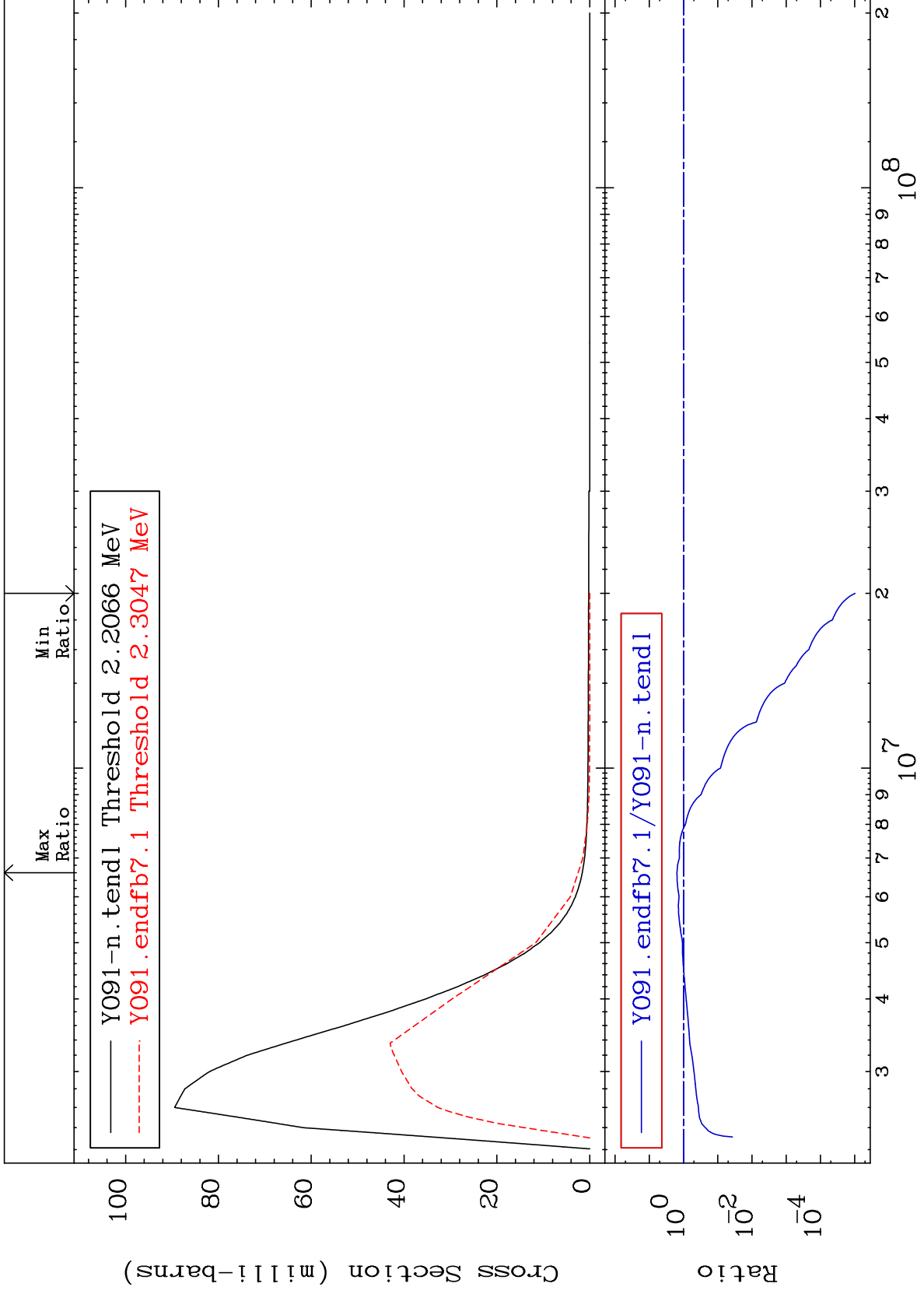




MAT 3931

2.182 MeV (n,n') Level
Cross Section

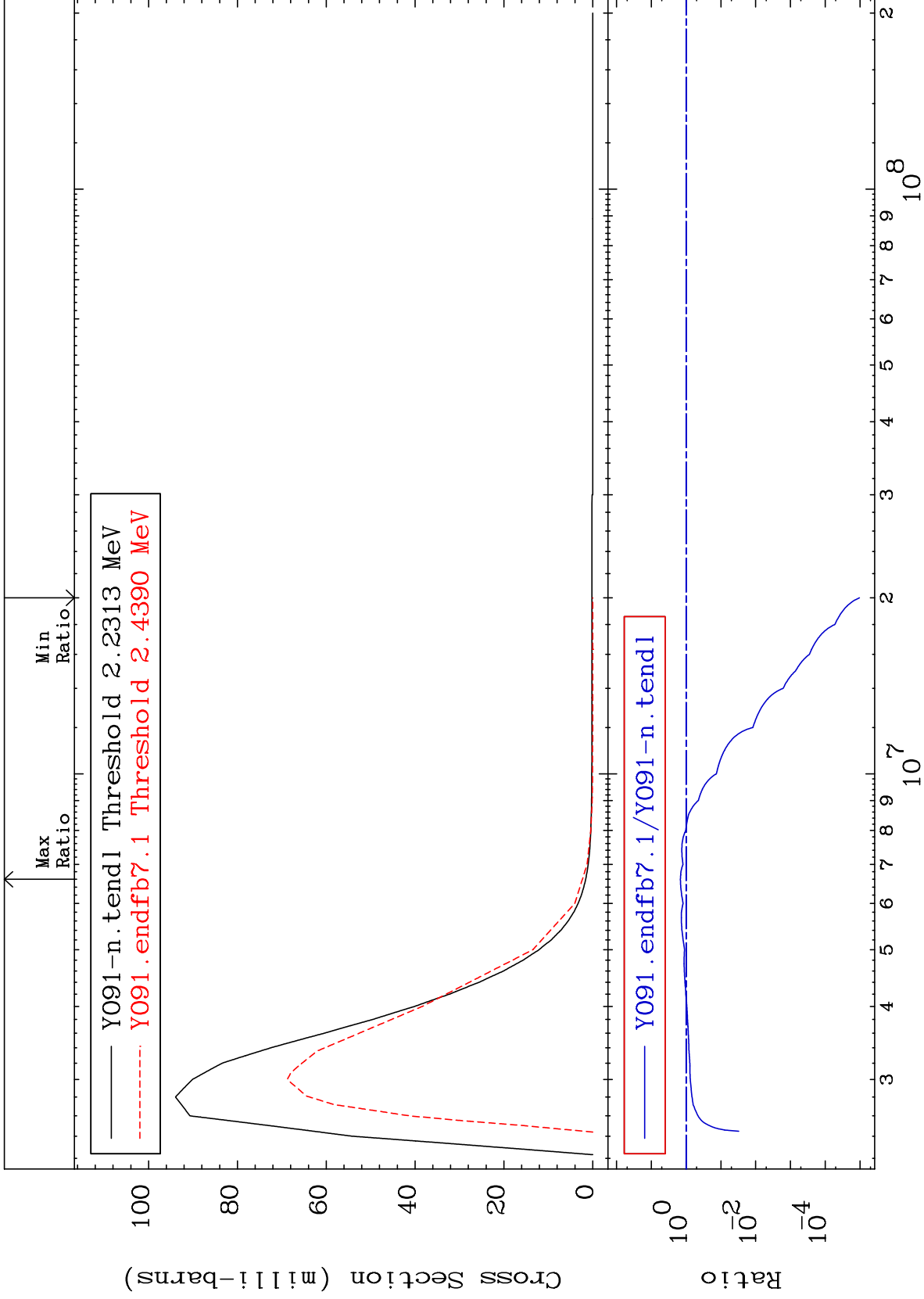
39-Y -91
-100.0 To 55.78 %



MAT 3931

2.207 MeV (n,n') Level
Cross Section

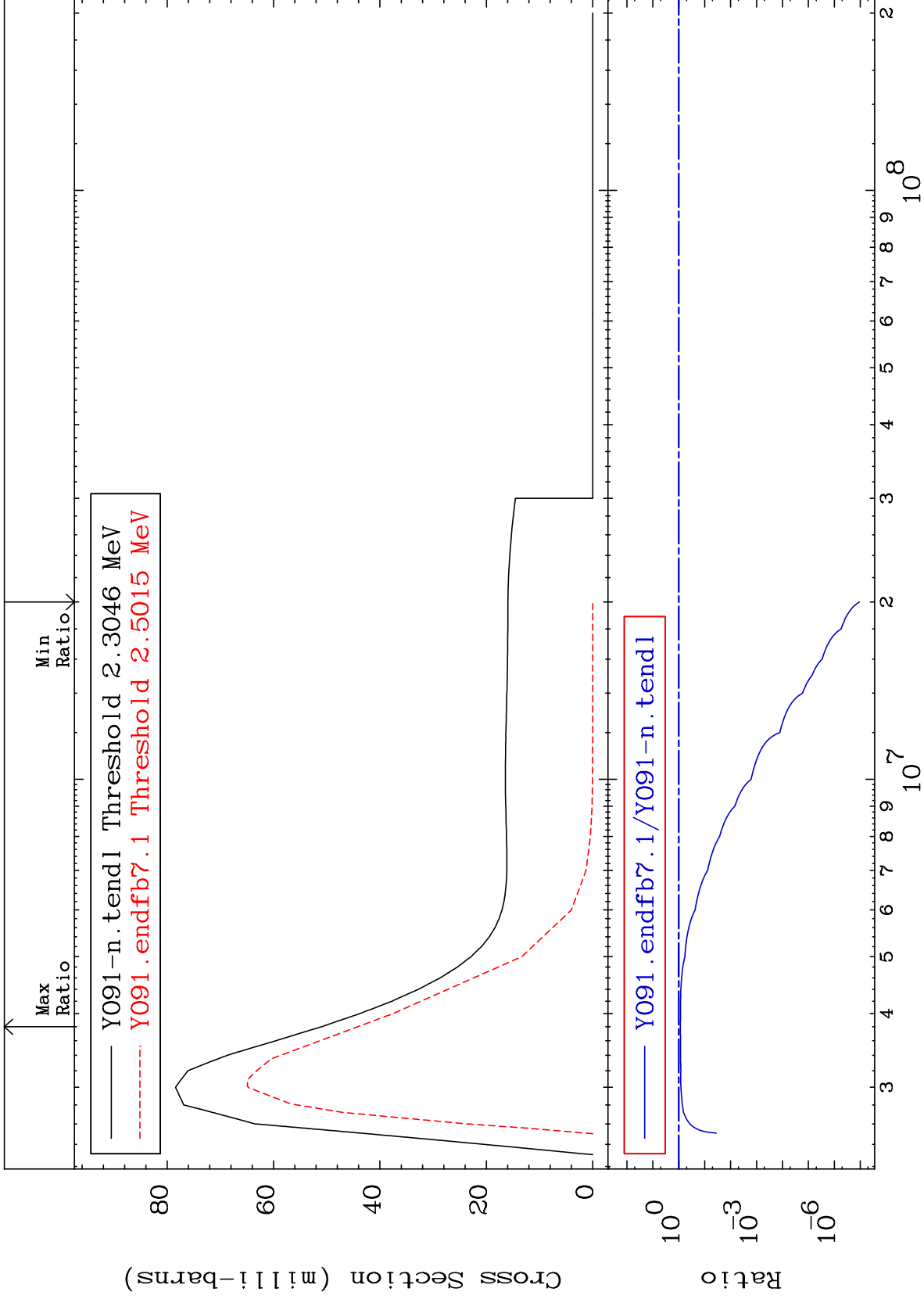
39-Y -91
-100.0 To 46.72 %

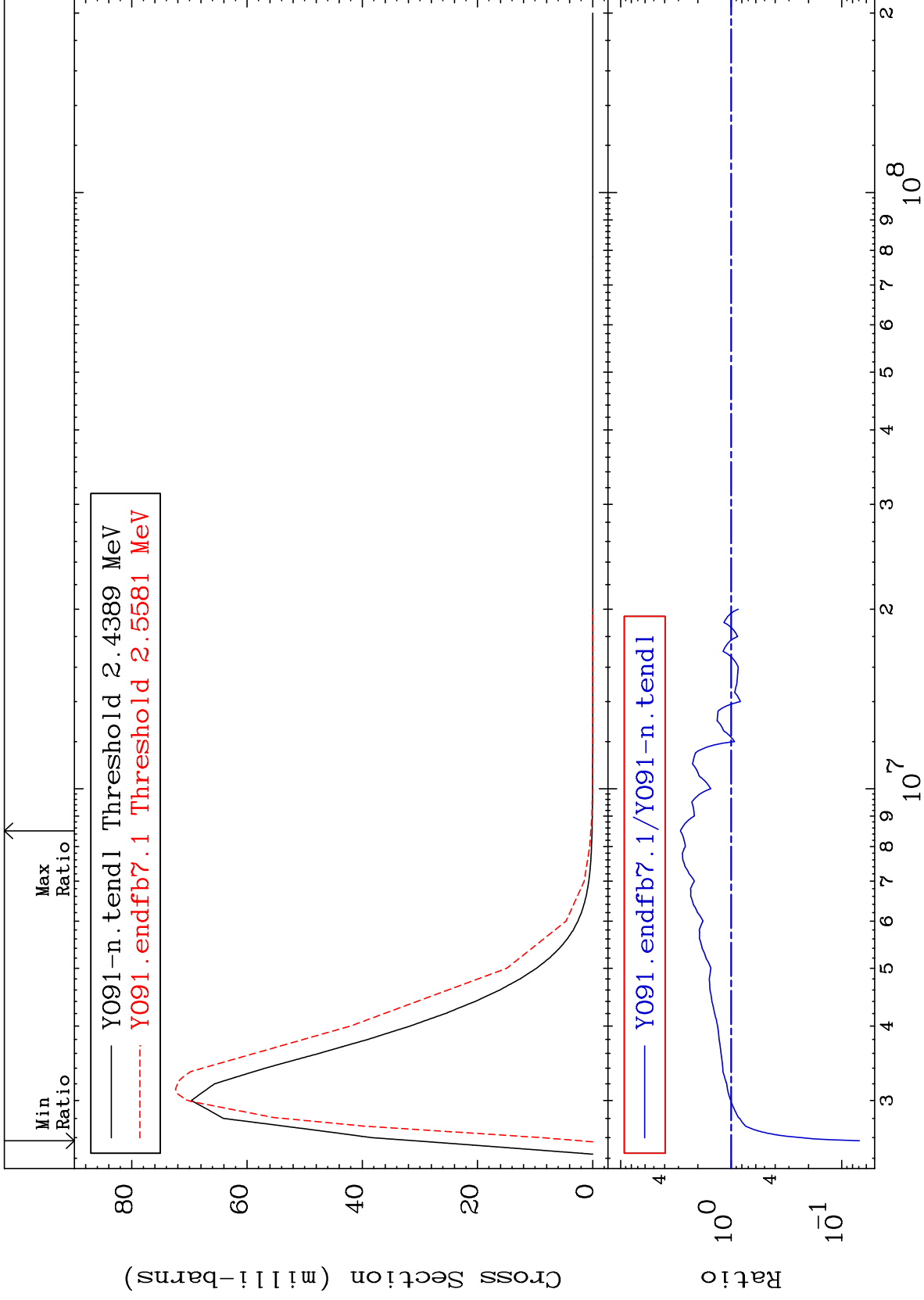


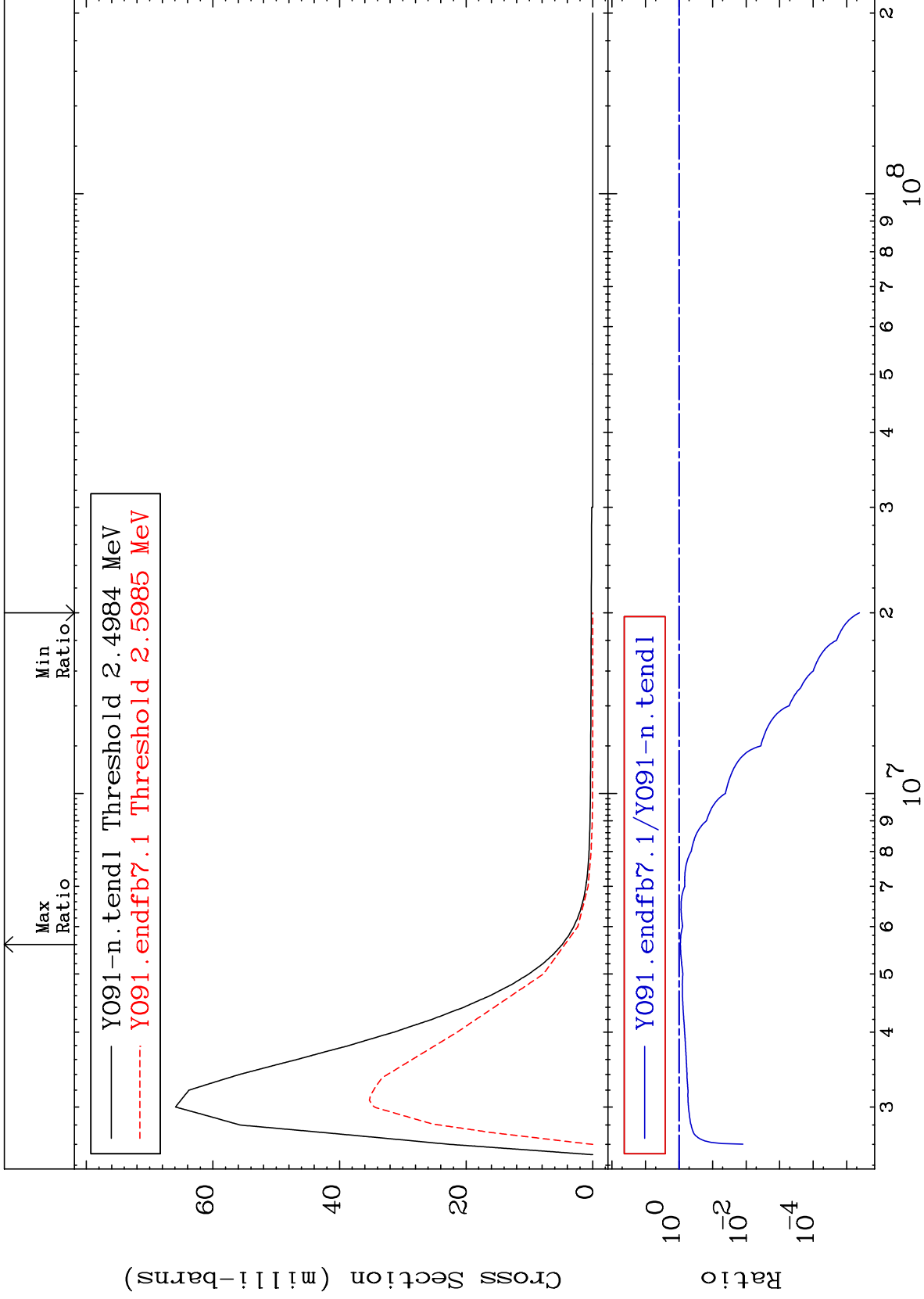
MAT 3931

2.279 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To -13.31%



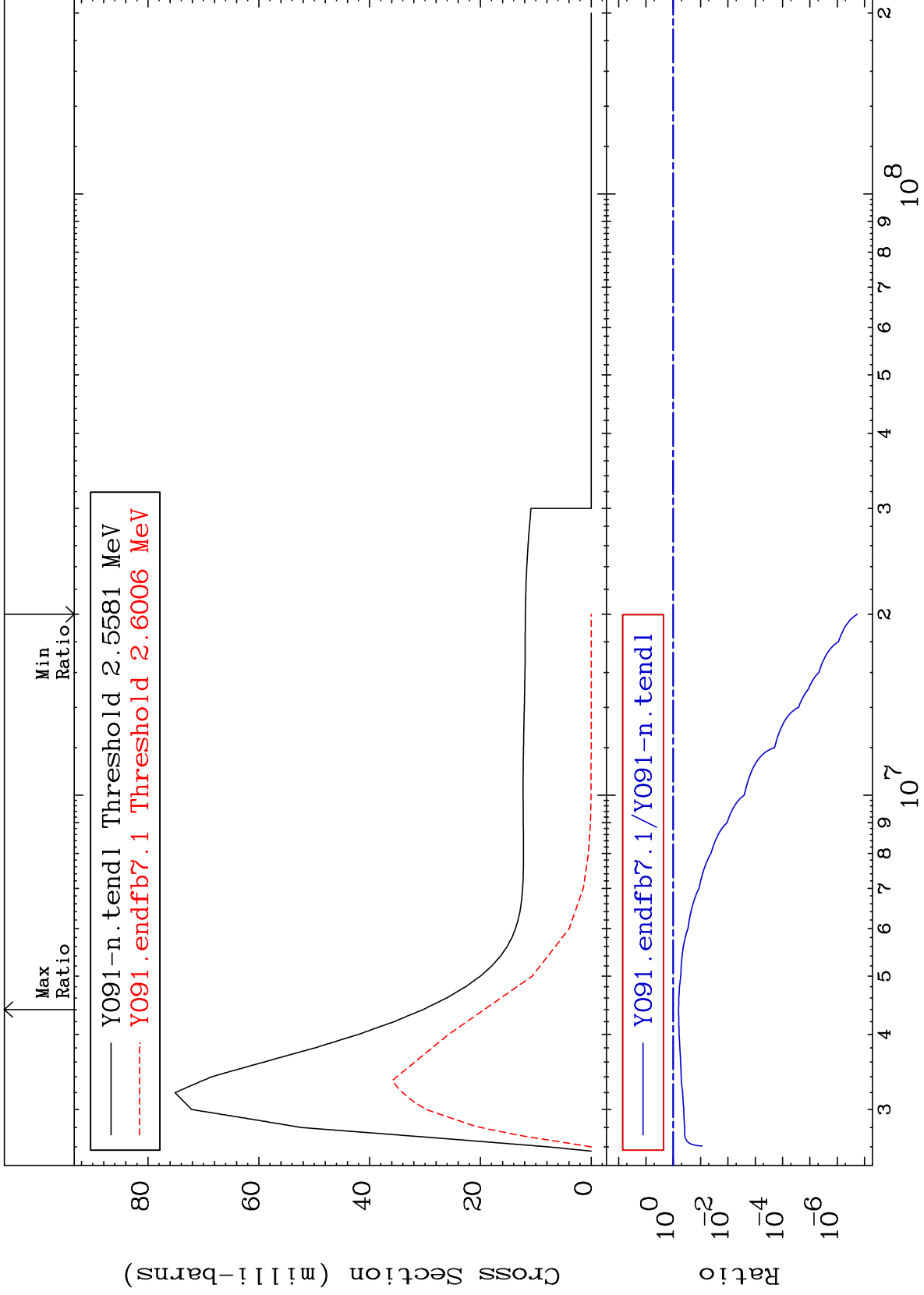


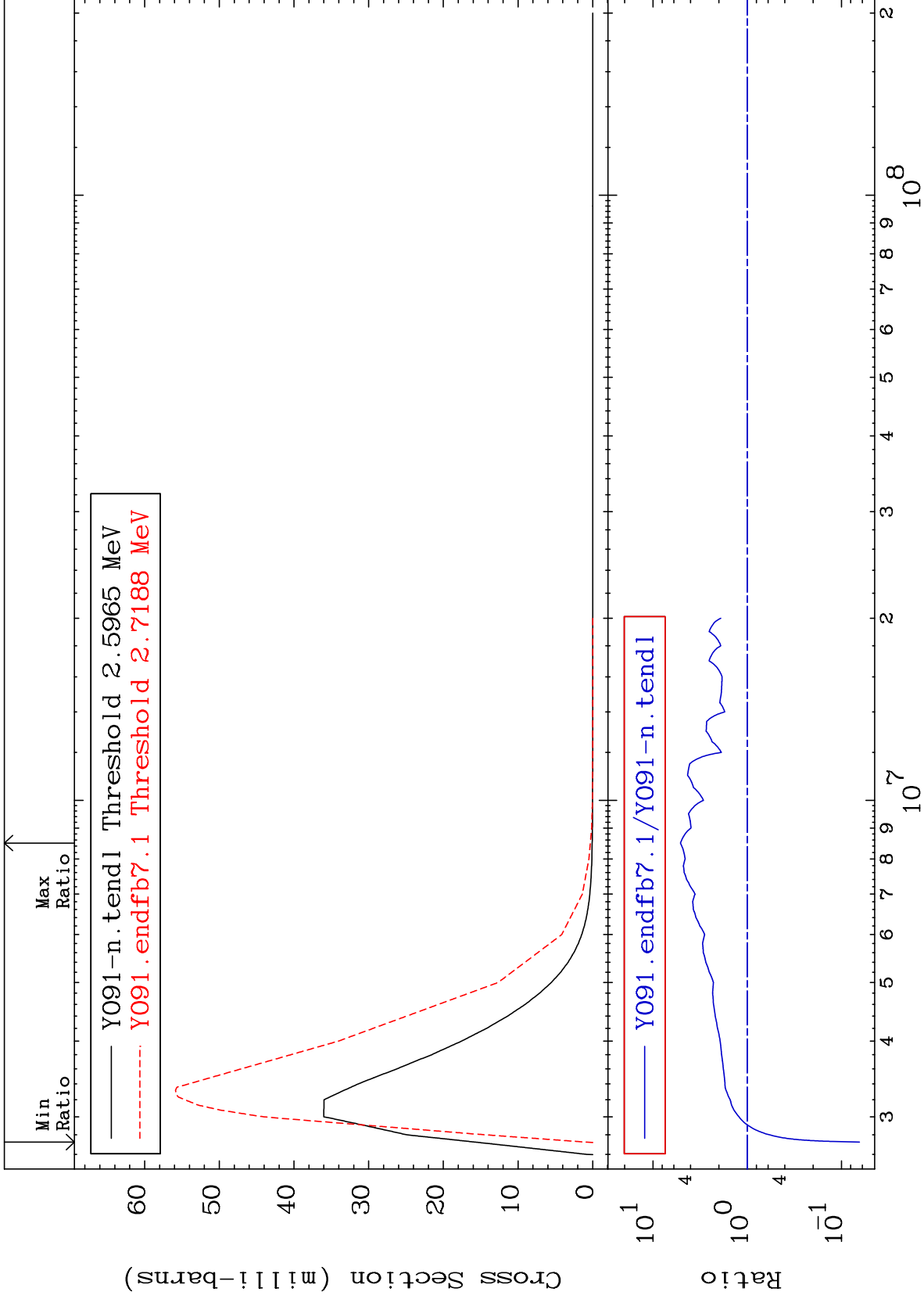


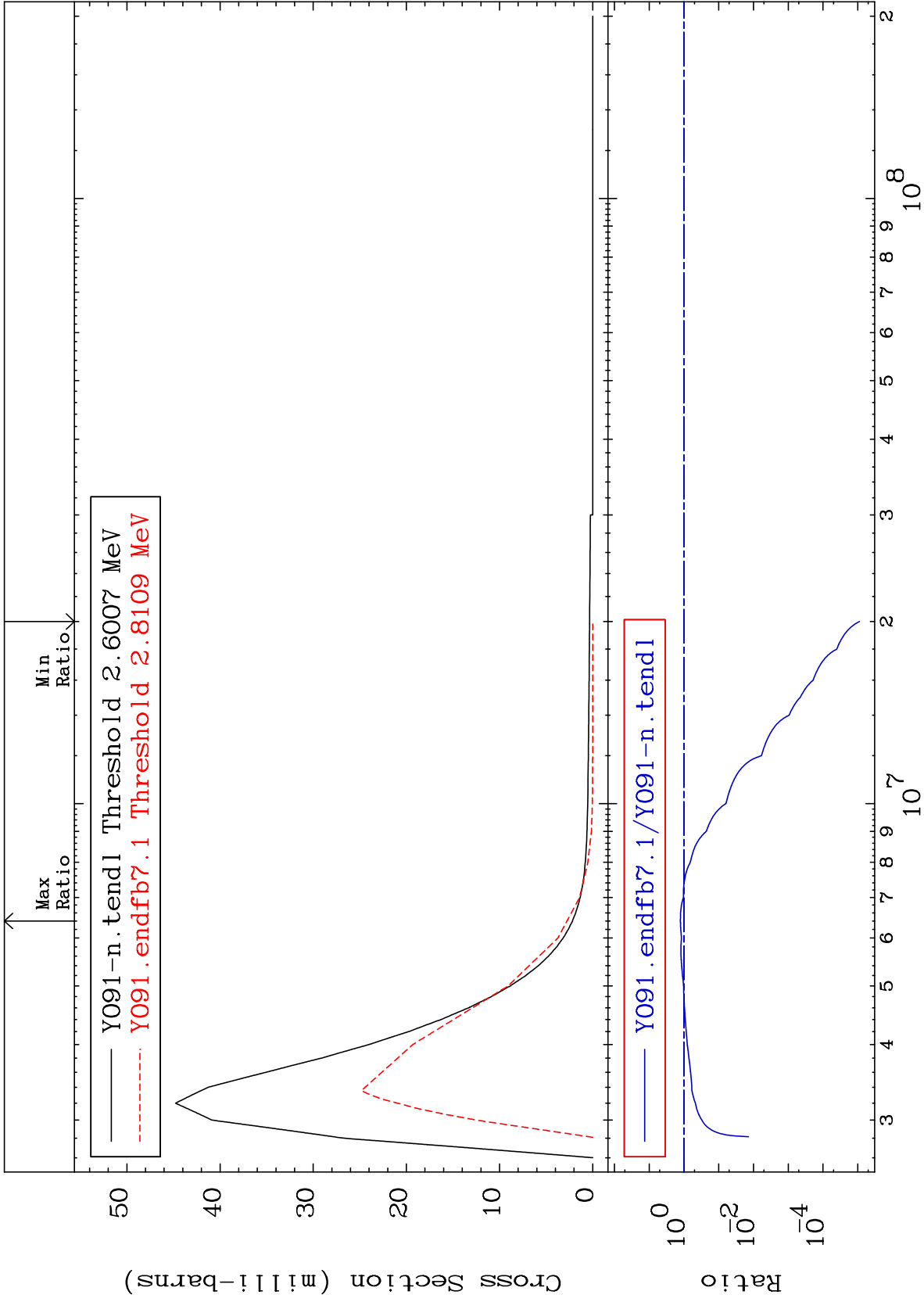
MAT 3931

2.530 MeV (n,n') Level
Cross Section

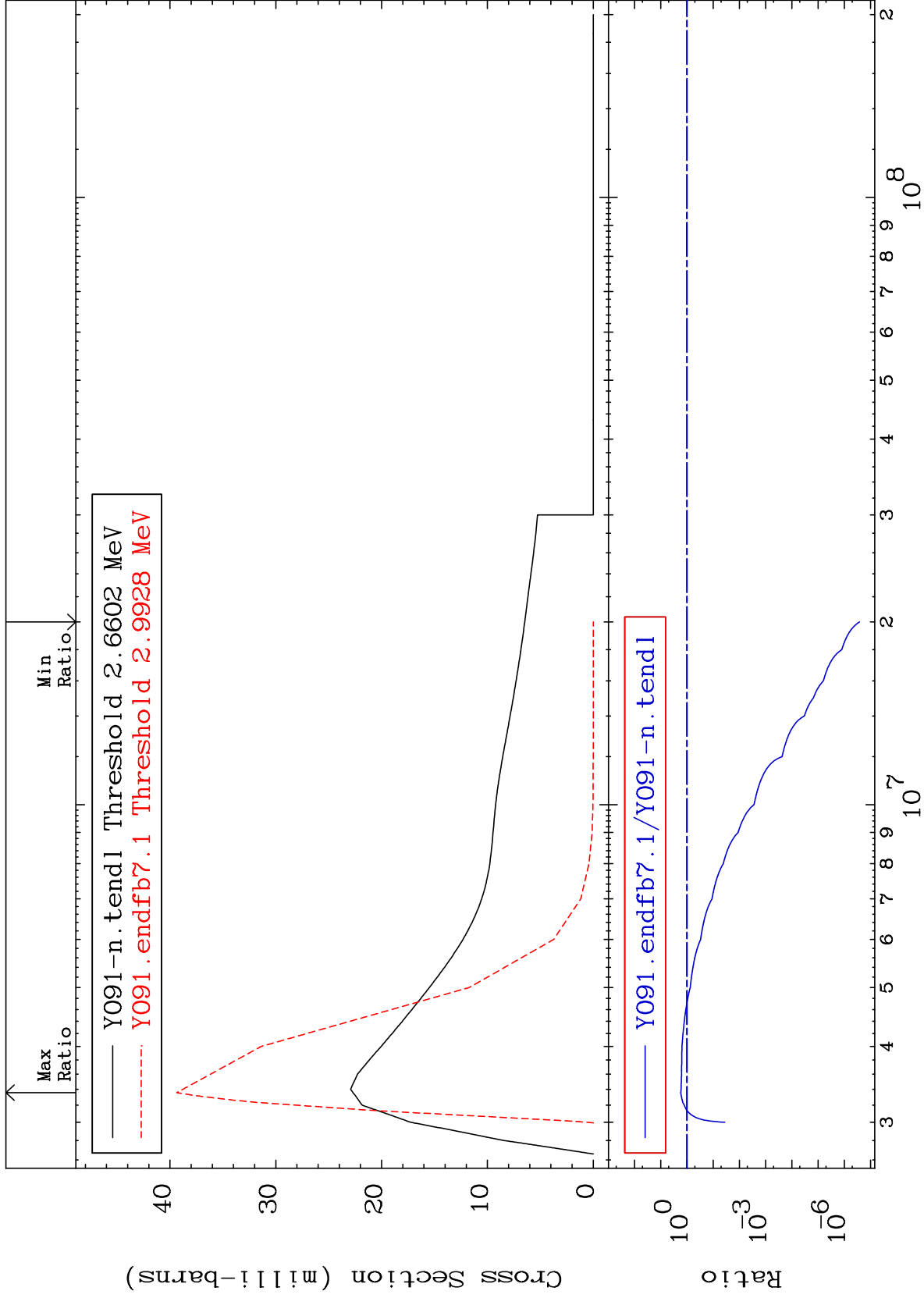
39-Y -91
-100.0 To -36.37%

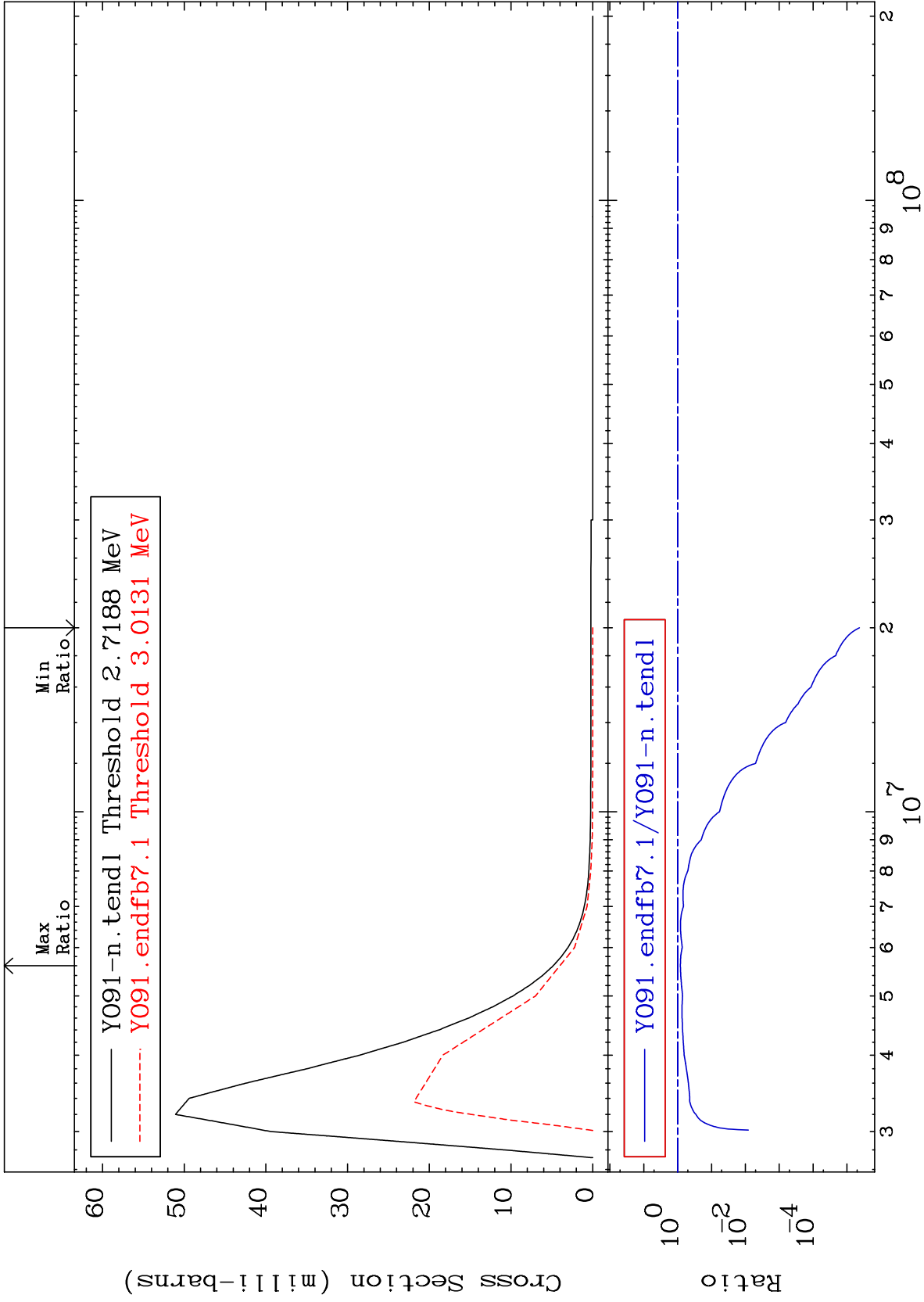






MAT 3931 2.631 MeV (n,n') Level 39-Y -91
 Cross Section -100.0 To 73.40 %

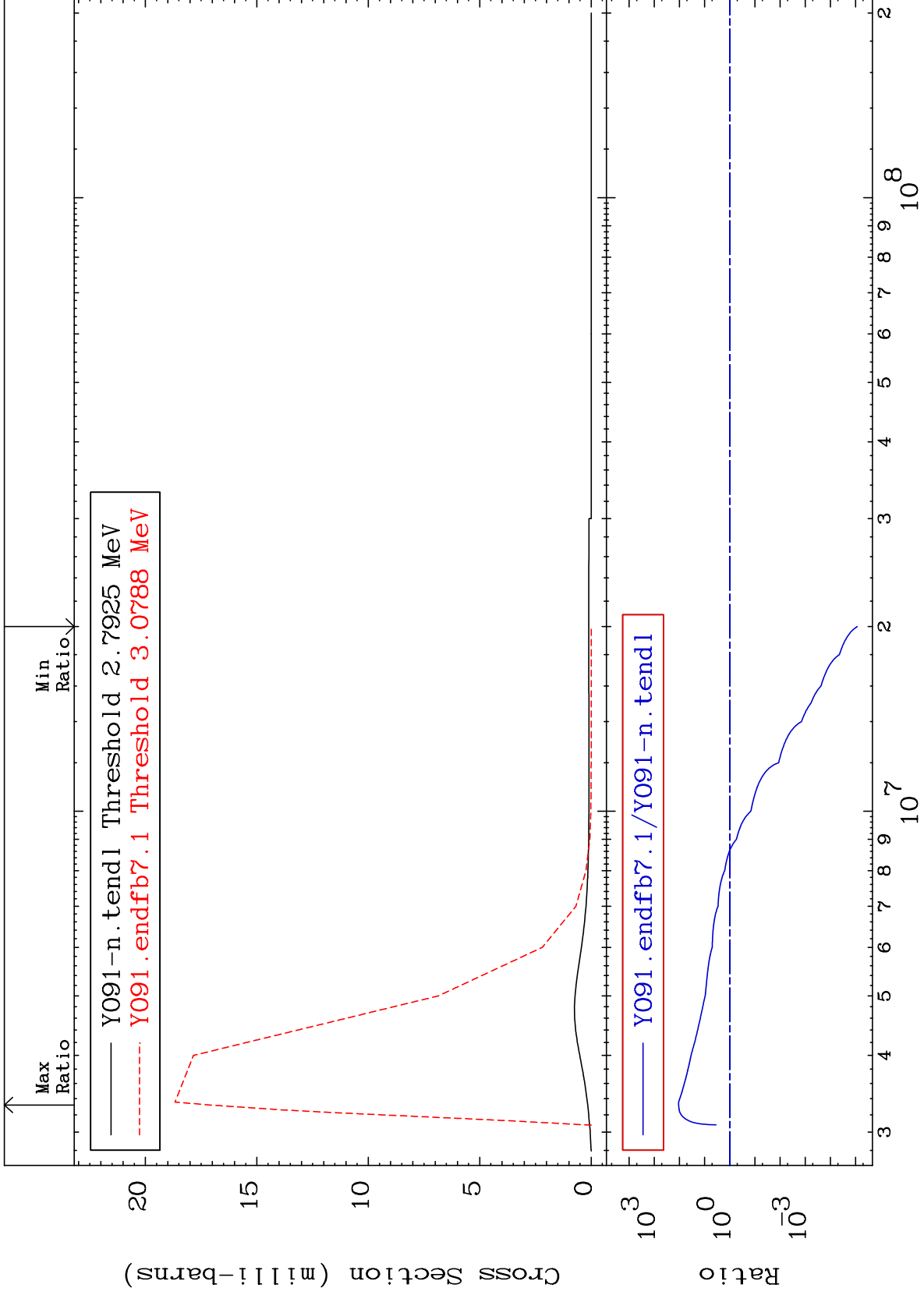




MAT 3931

2.762 MeV (n,n') Level
Cross Section

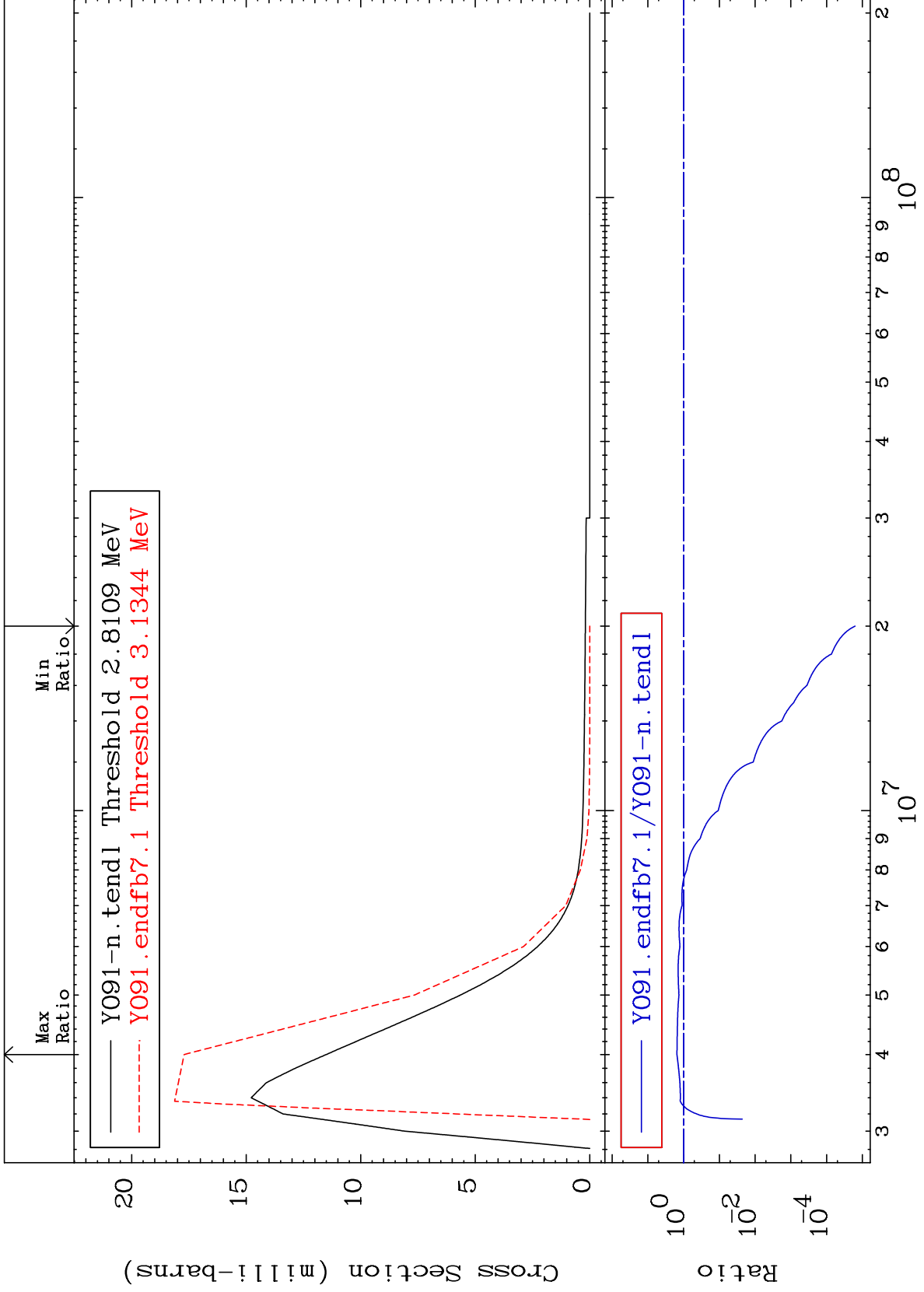
39-Y -91
-100.0 To 9999. %



MAT 3931

2.780 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To 53.92 %



35

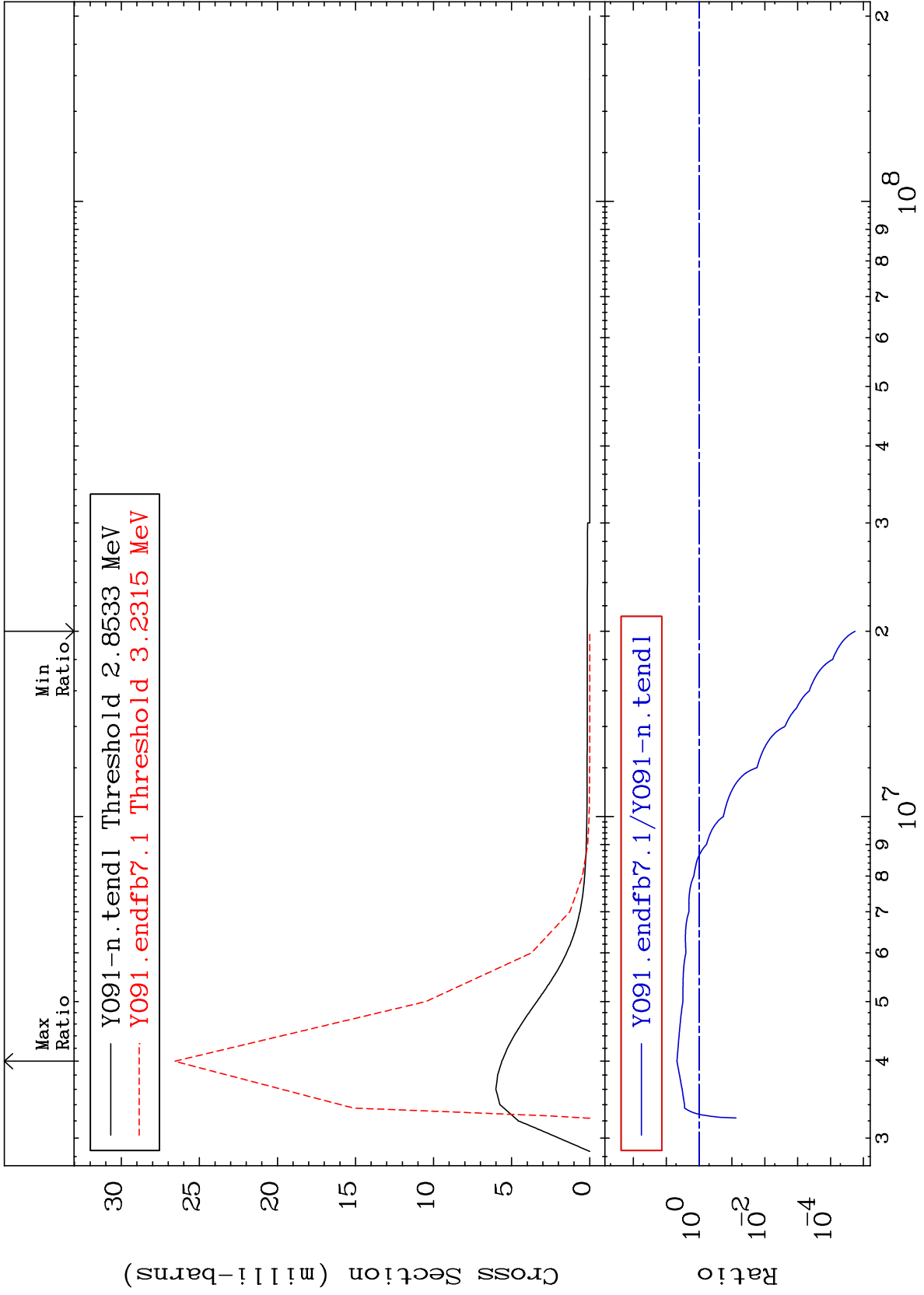
Incident Energy (eV)

39-Y -91

MAT 3931

2.822 MeV (n,n') Level
Cross Section

39-Y -91
-100.0 To 372.8 %



36

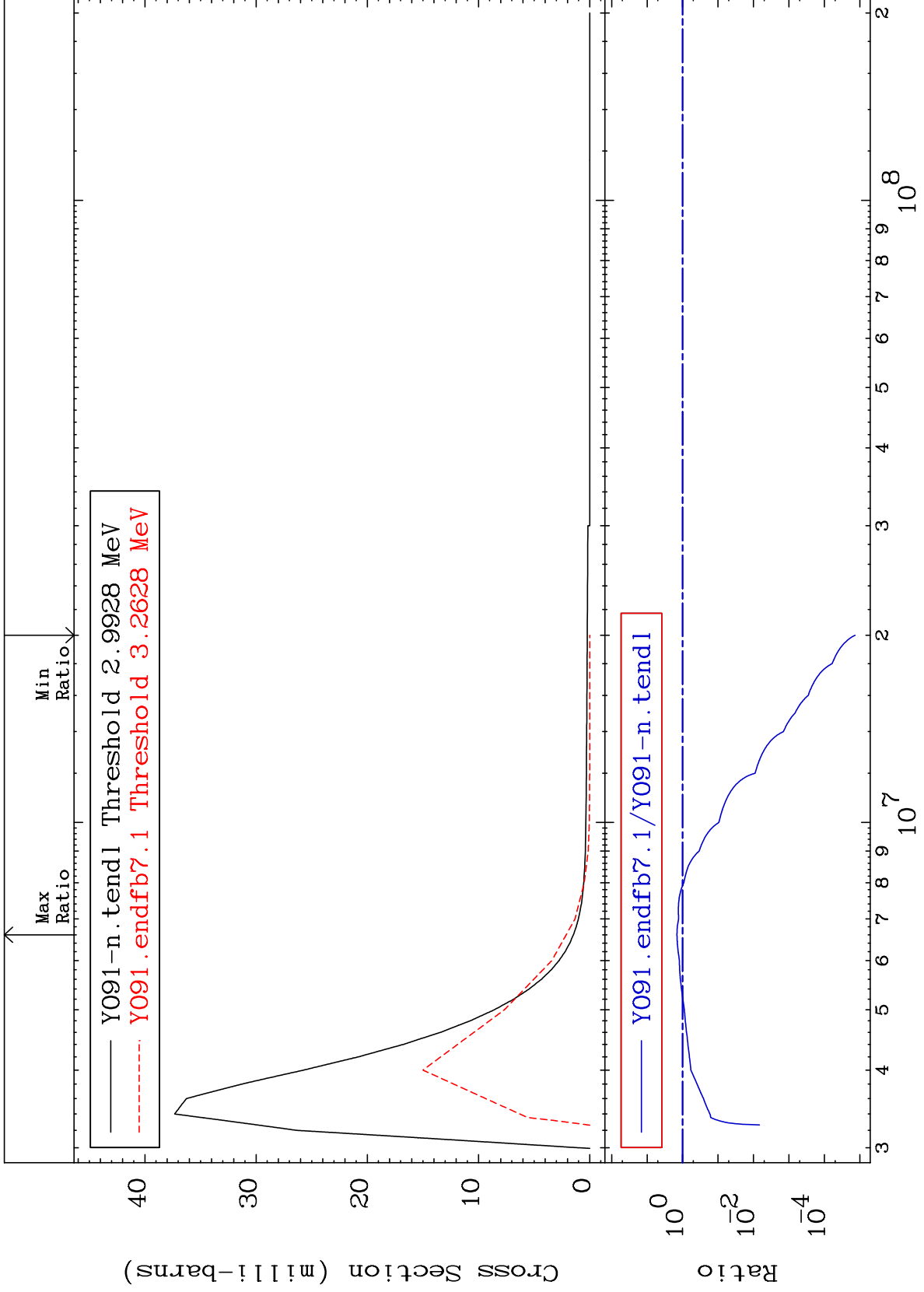
Incident Energy (eV)

39-Y -91

MAT 3931

2.960 MeV (n,n') Level
Cross Section

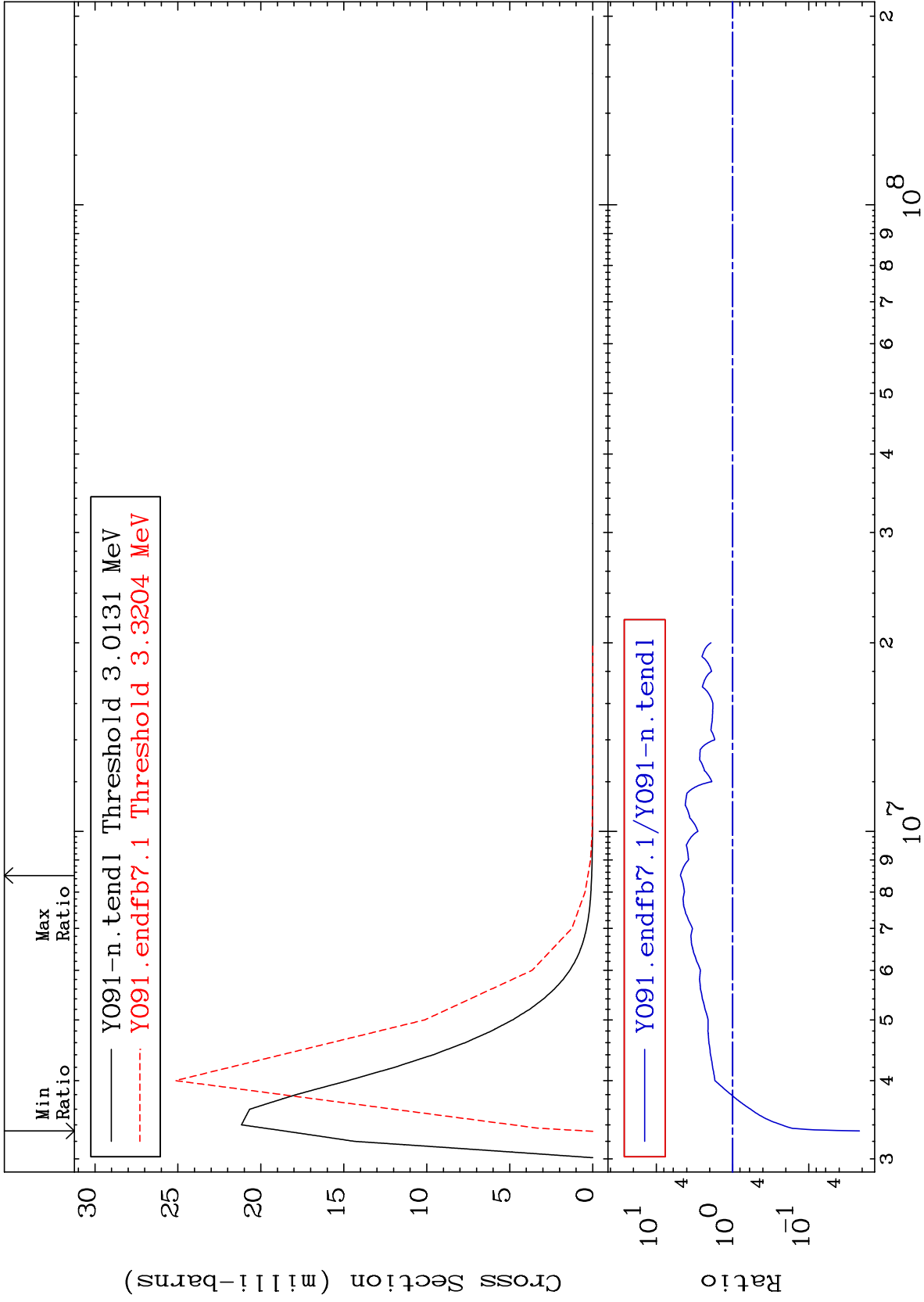
39-Y -91
-100.0 To 44.41 %

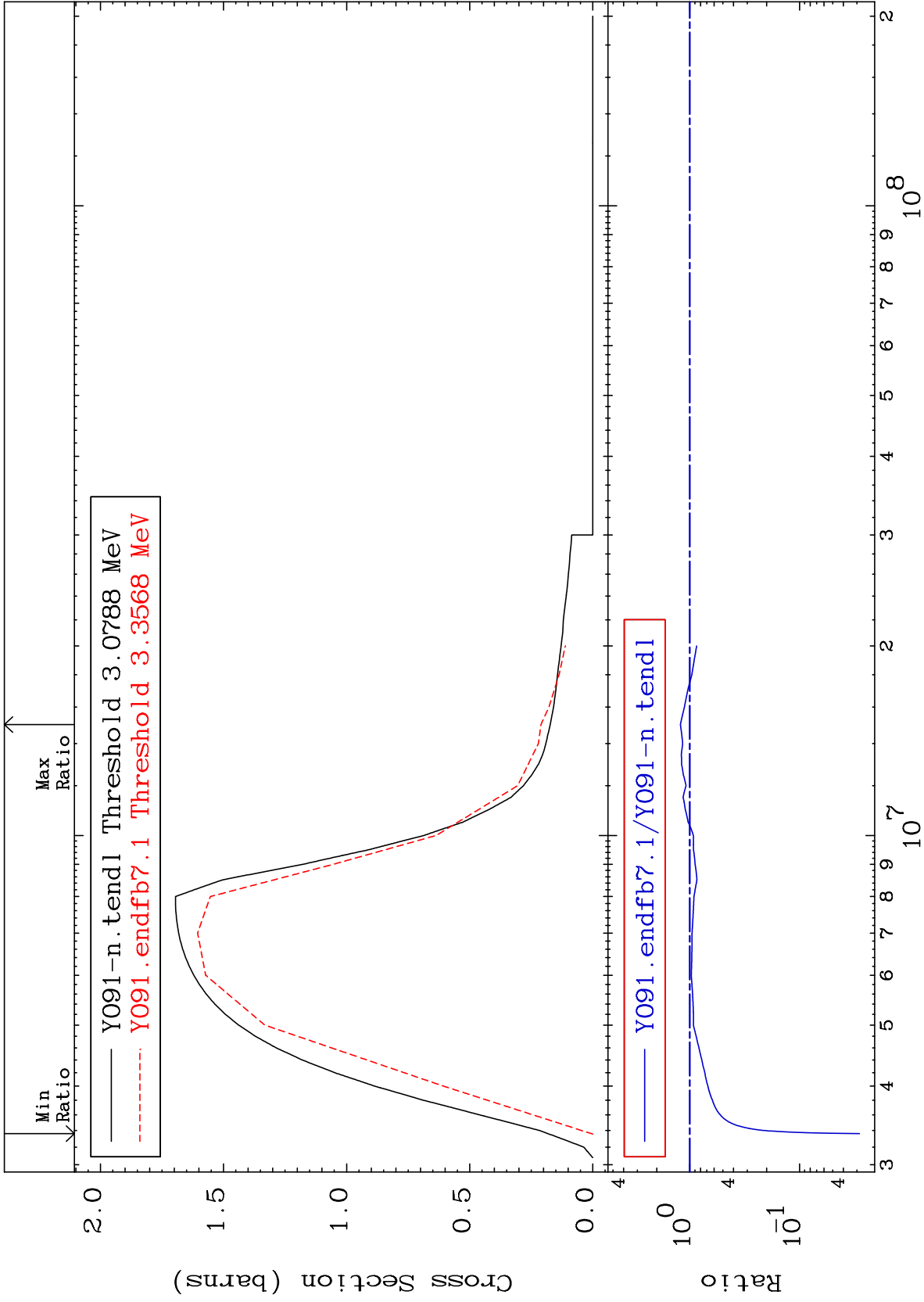


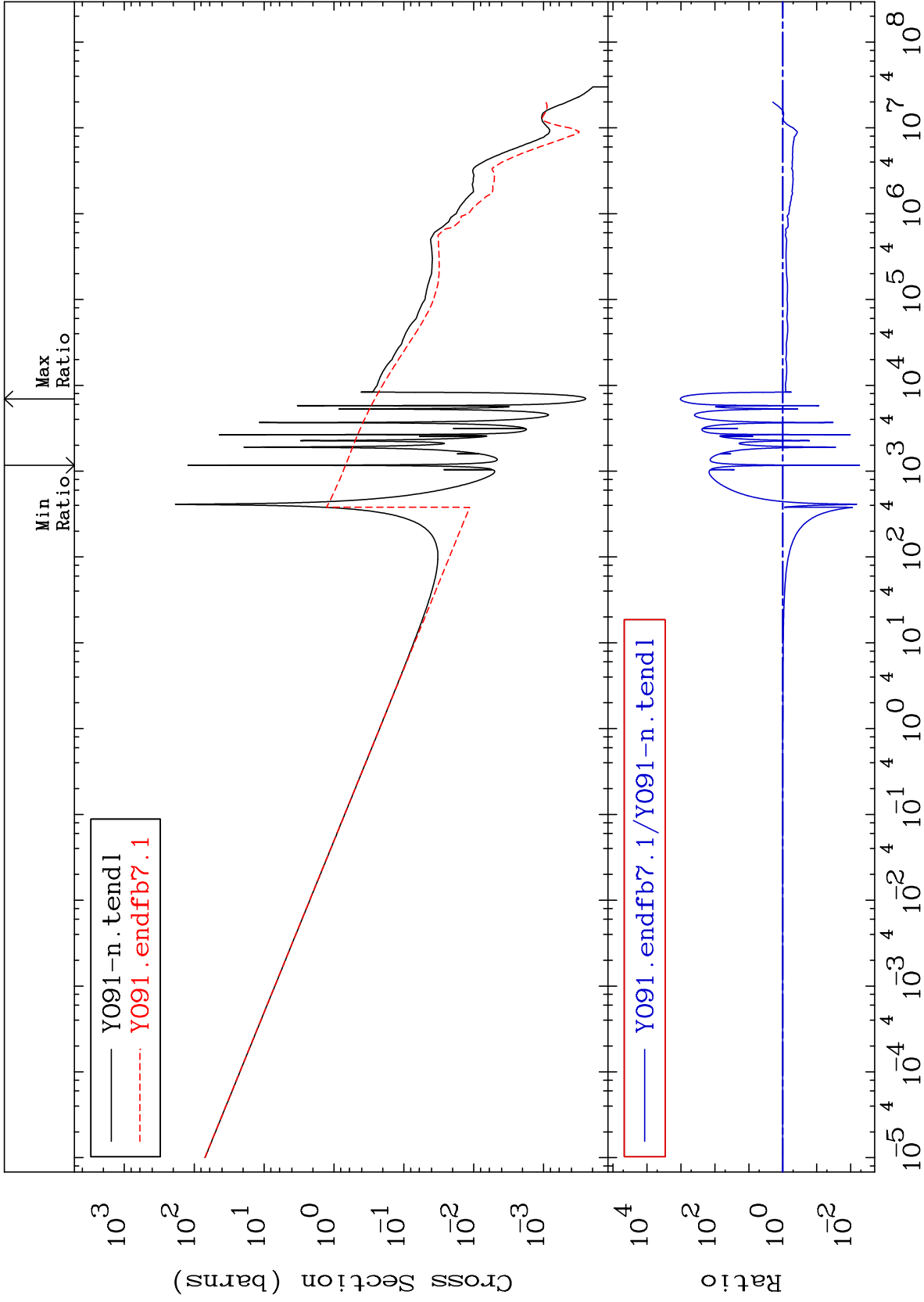
37

Incident Energy (eV)

39-Y -91



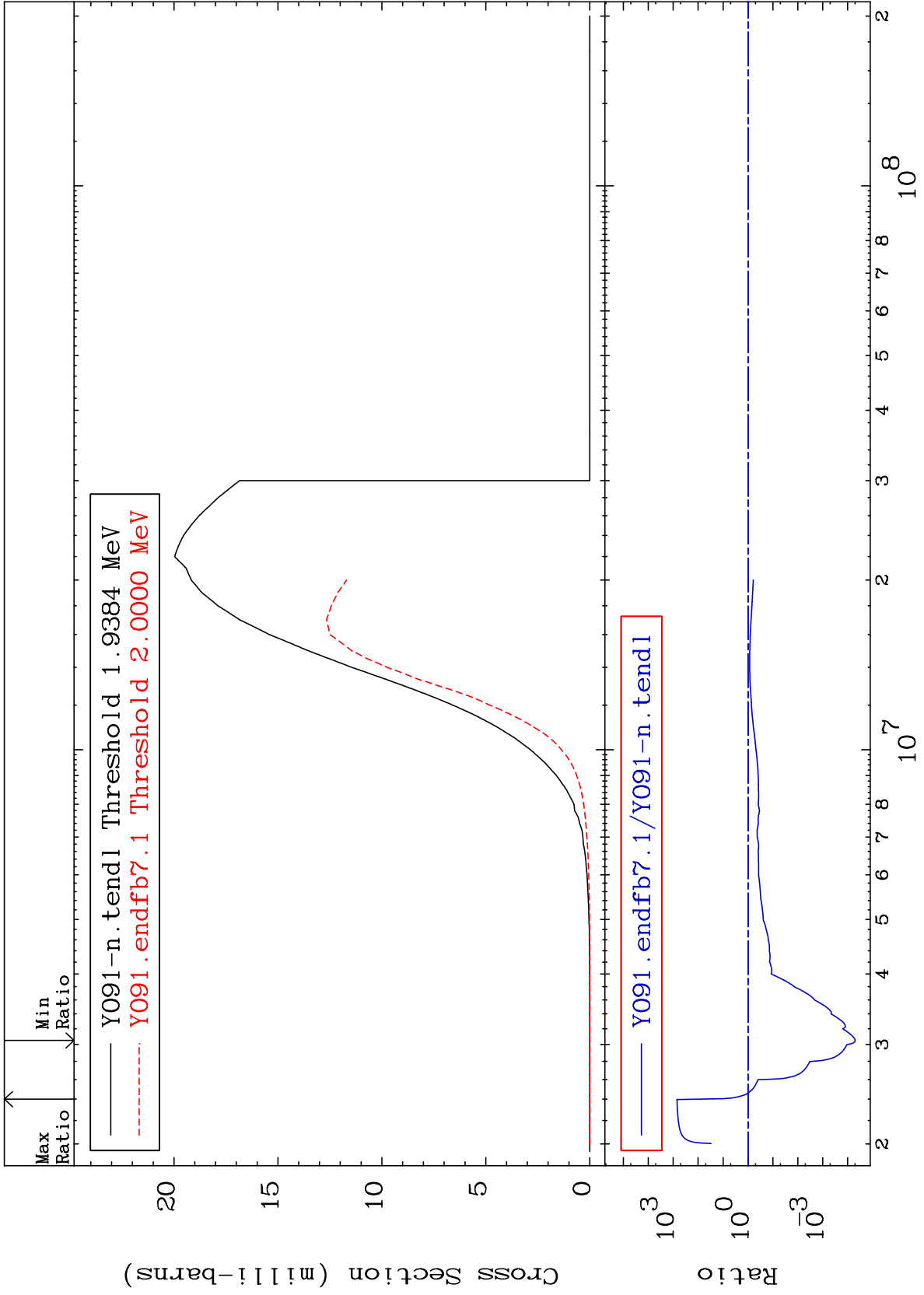


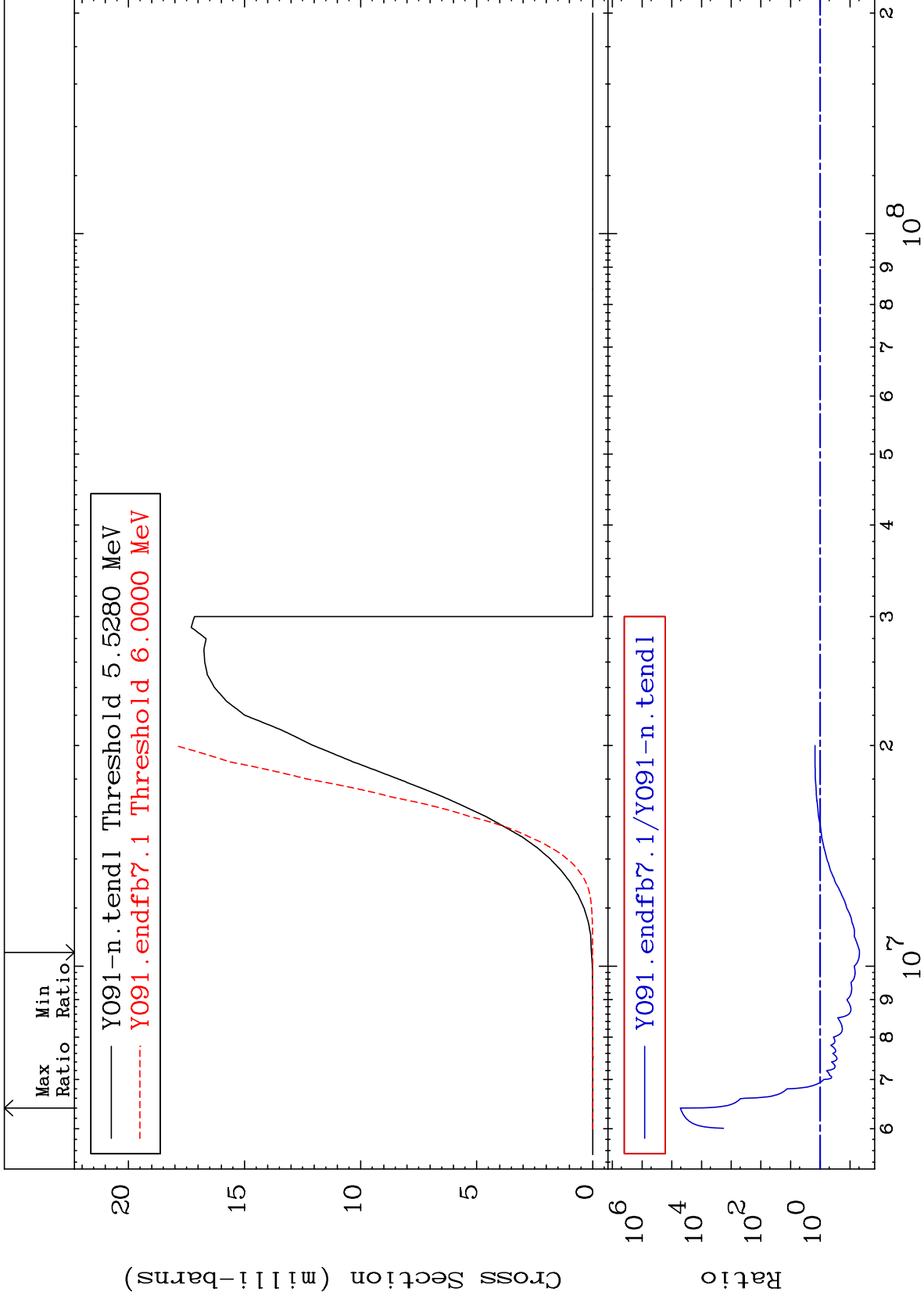


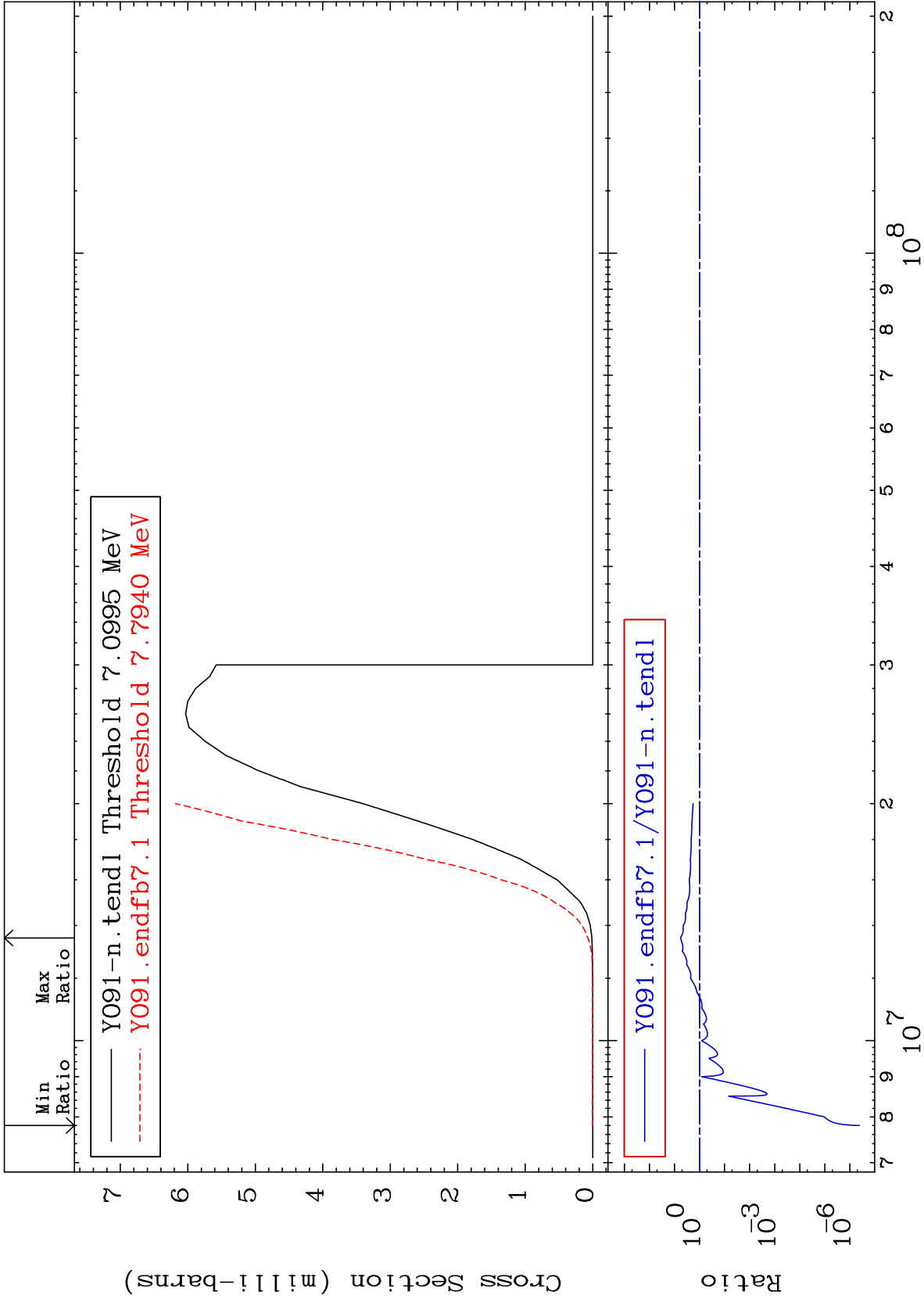
MAT 3931

(n,p)
Cross Section

39-Y -91
-99.99 To 9999. %

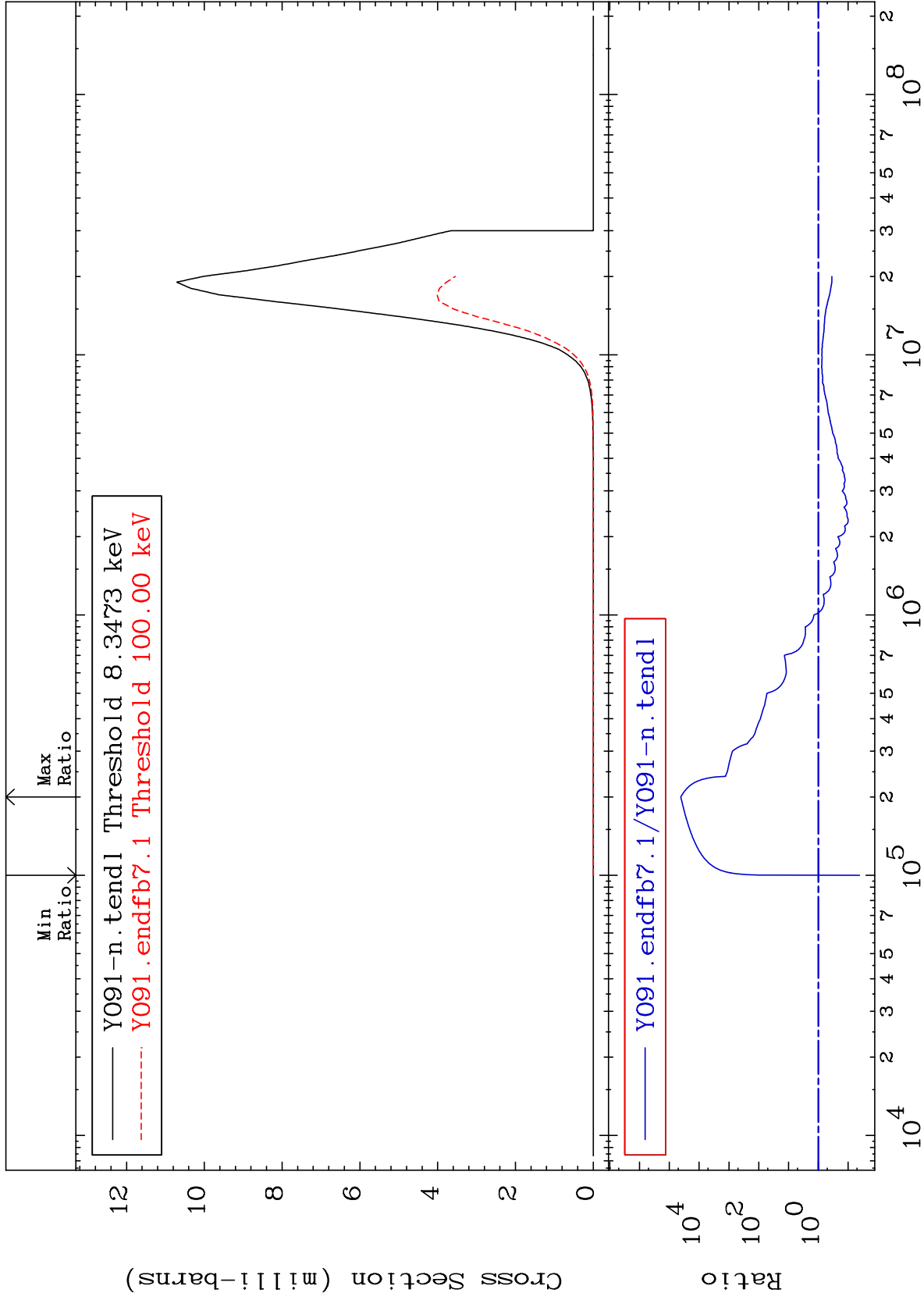


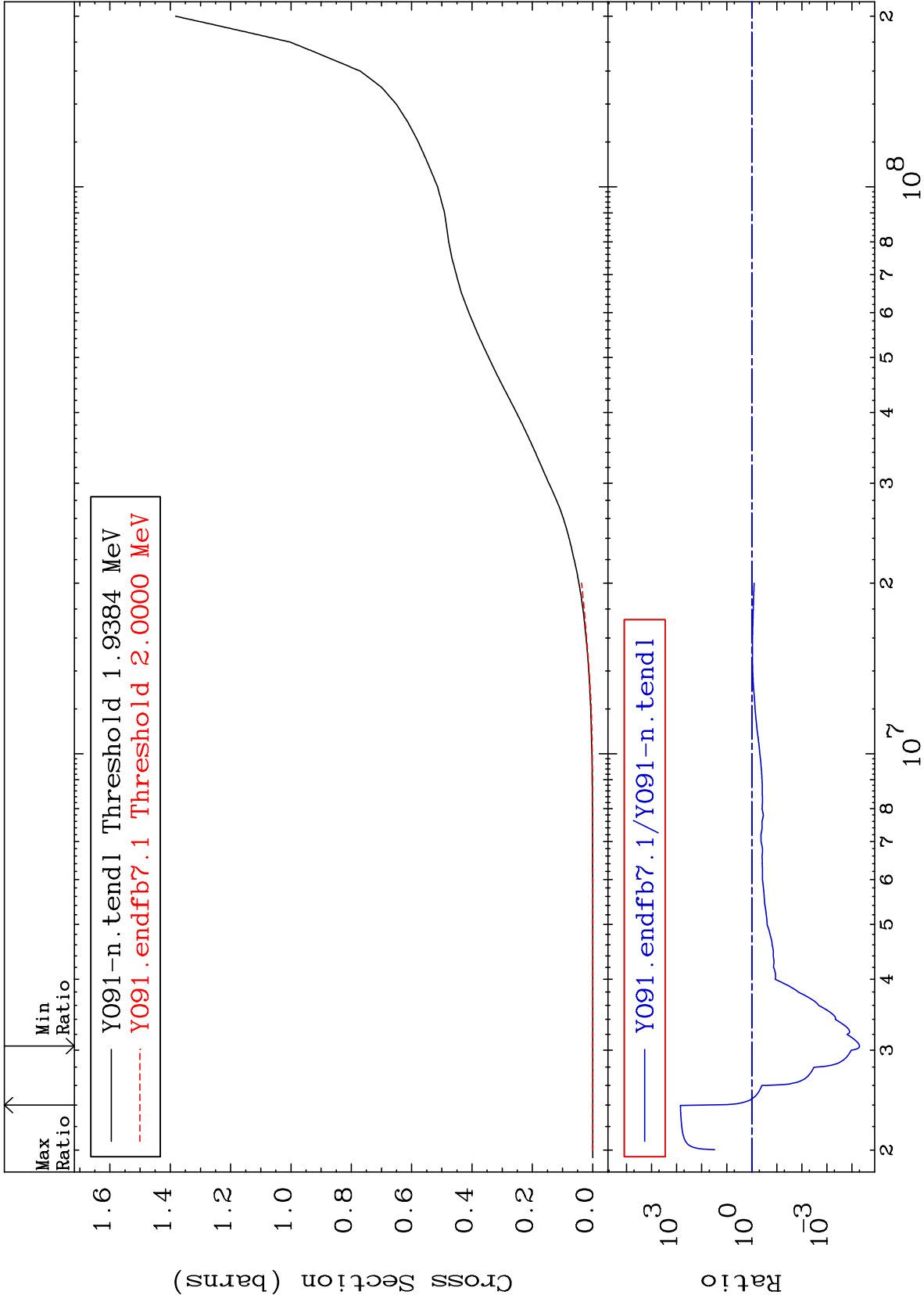


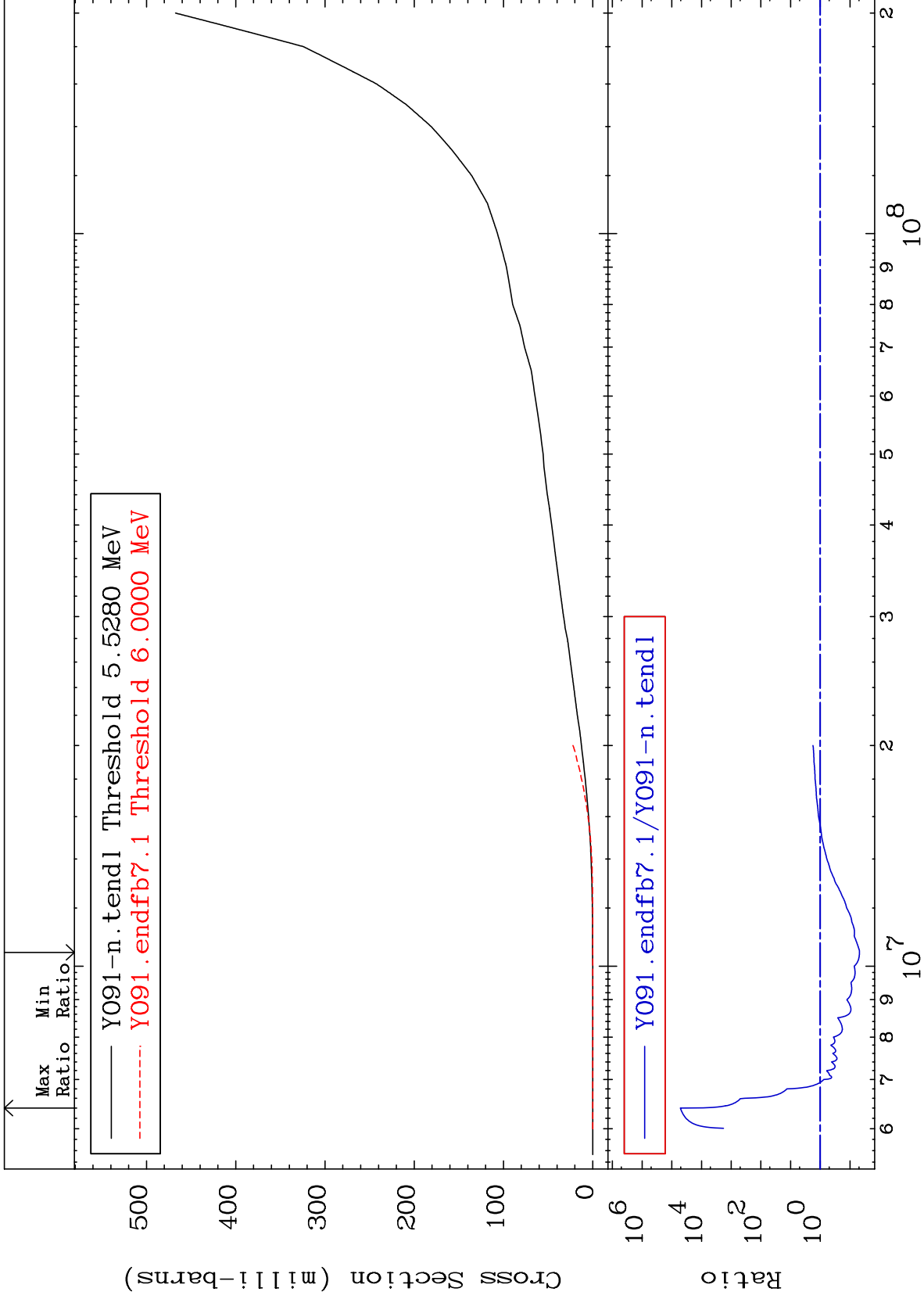


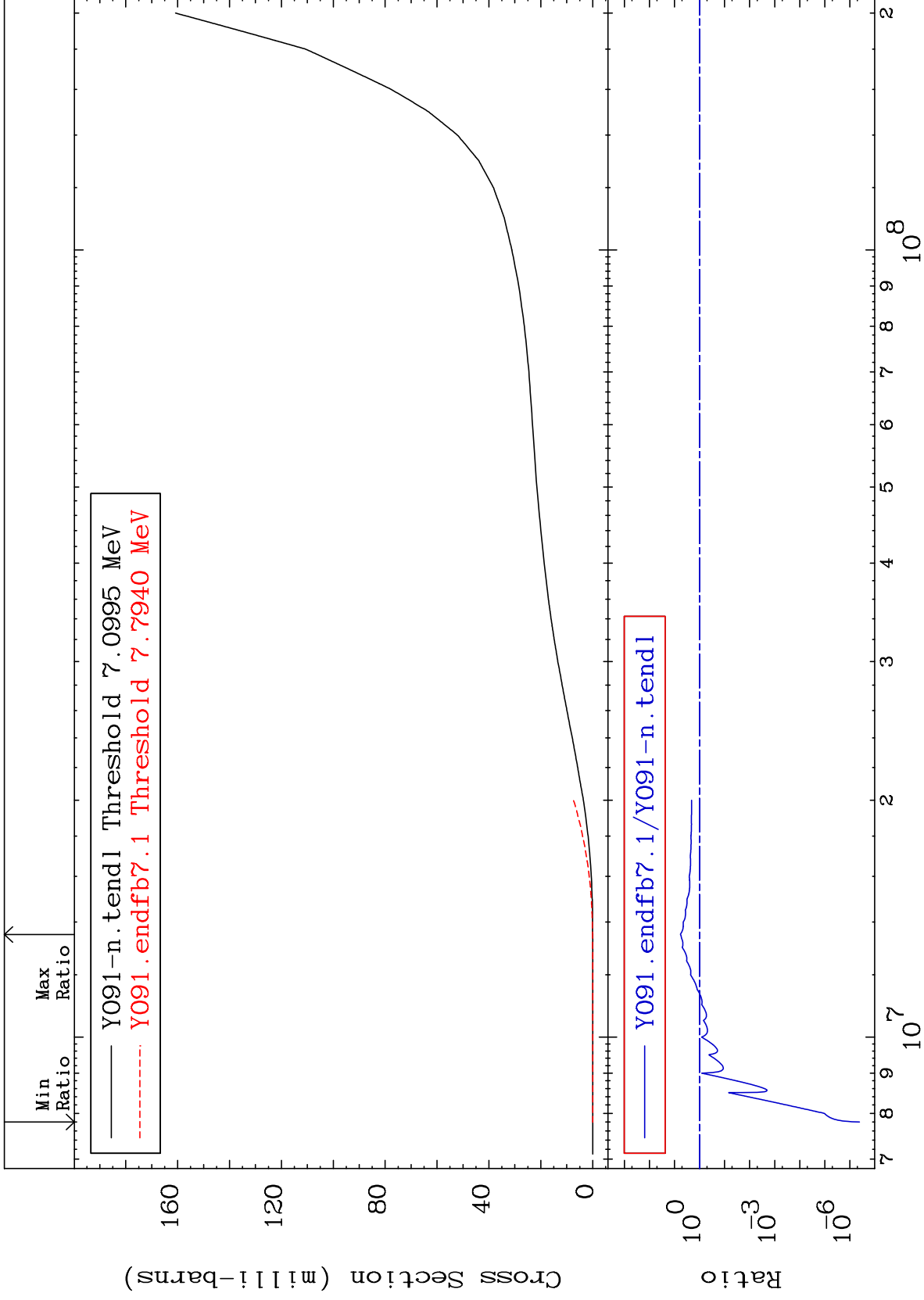
Cross Section

-95.87 To 9999. %





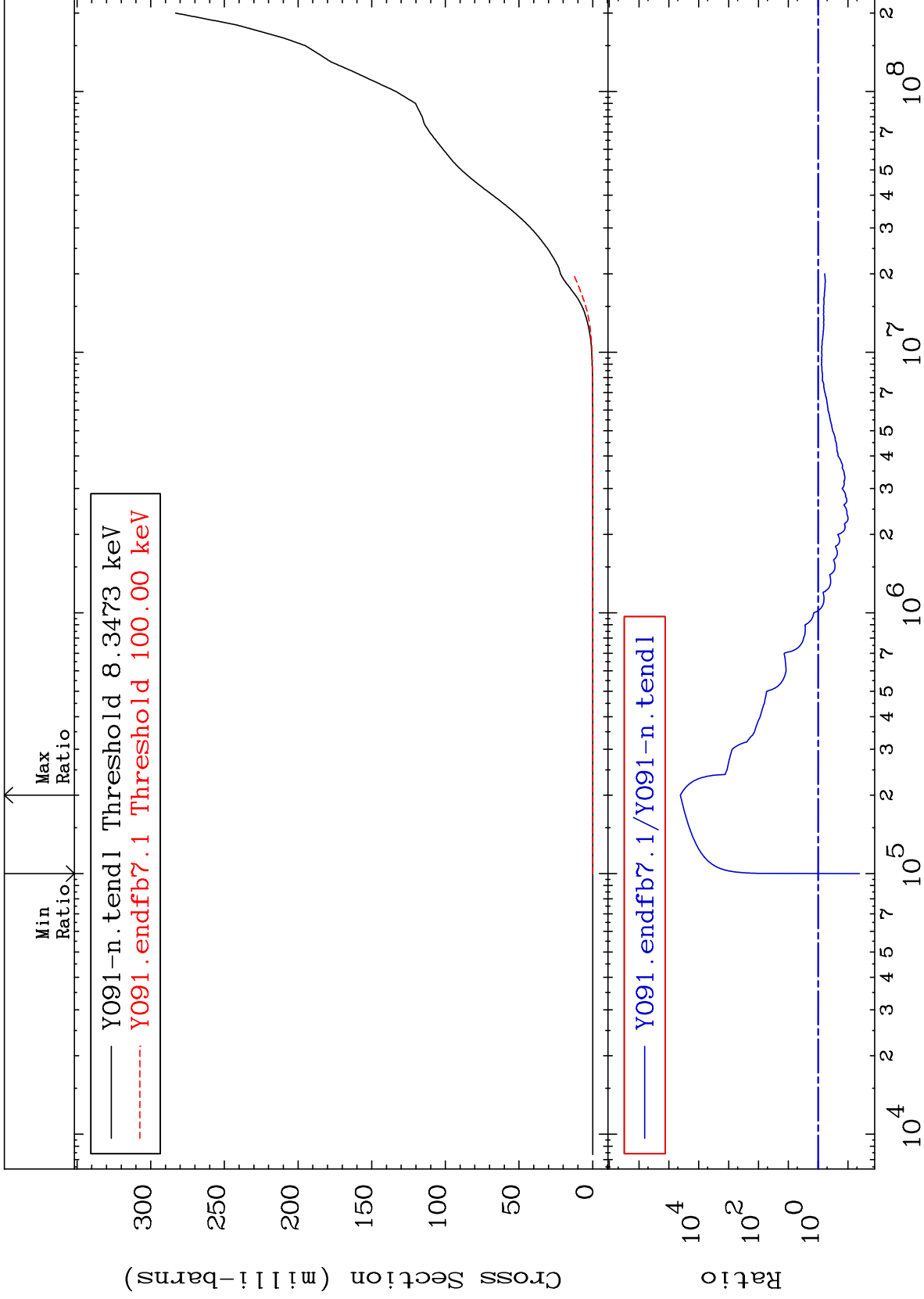




MAT 3931

He-4 Production
Cross Section

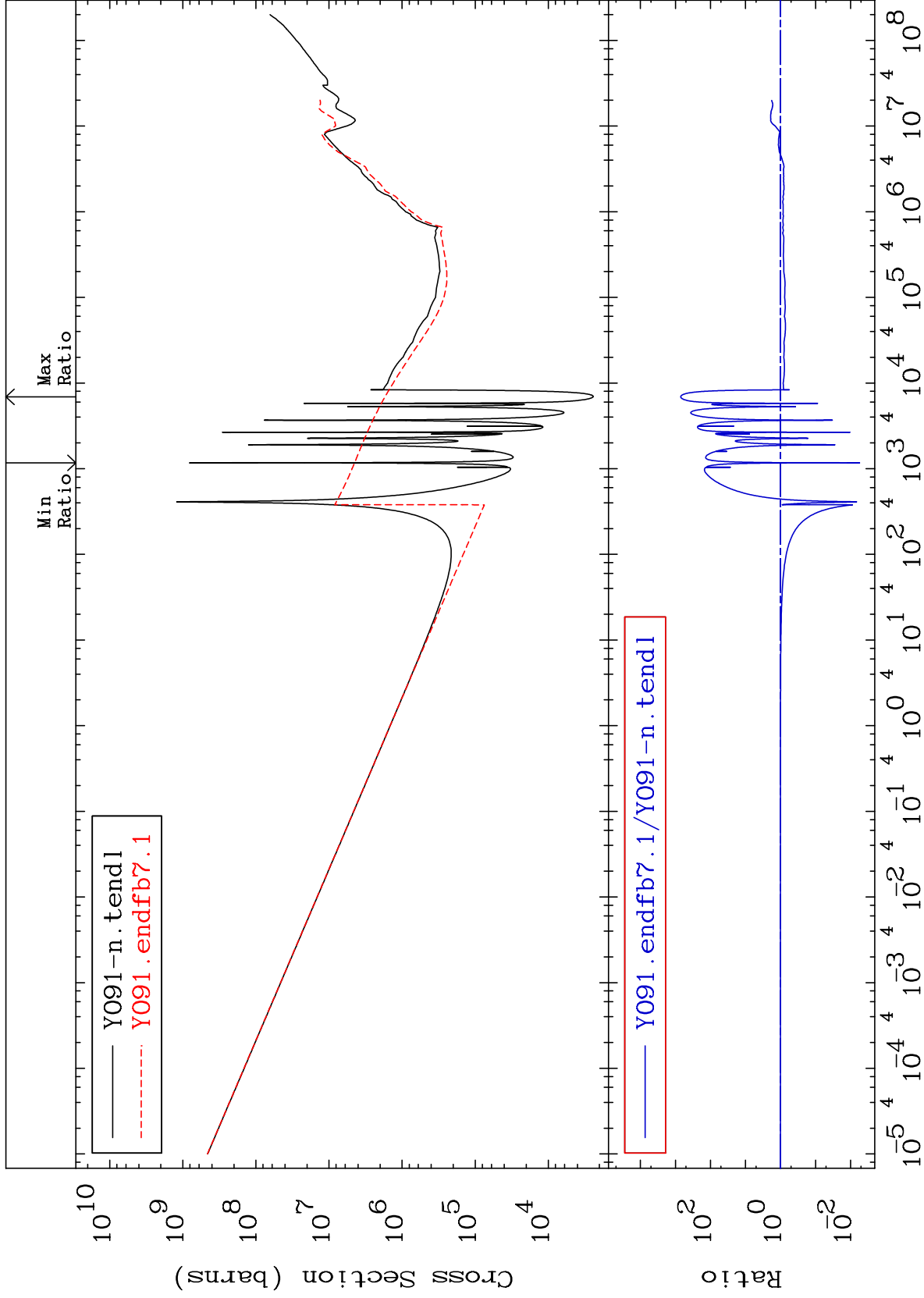
39-Y -91
-95.87 To 9999. %

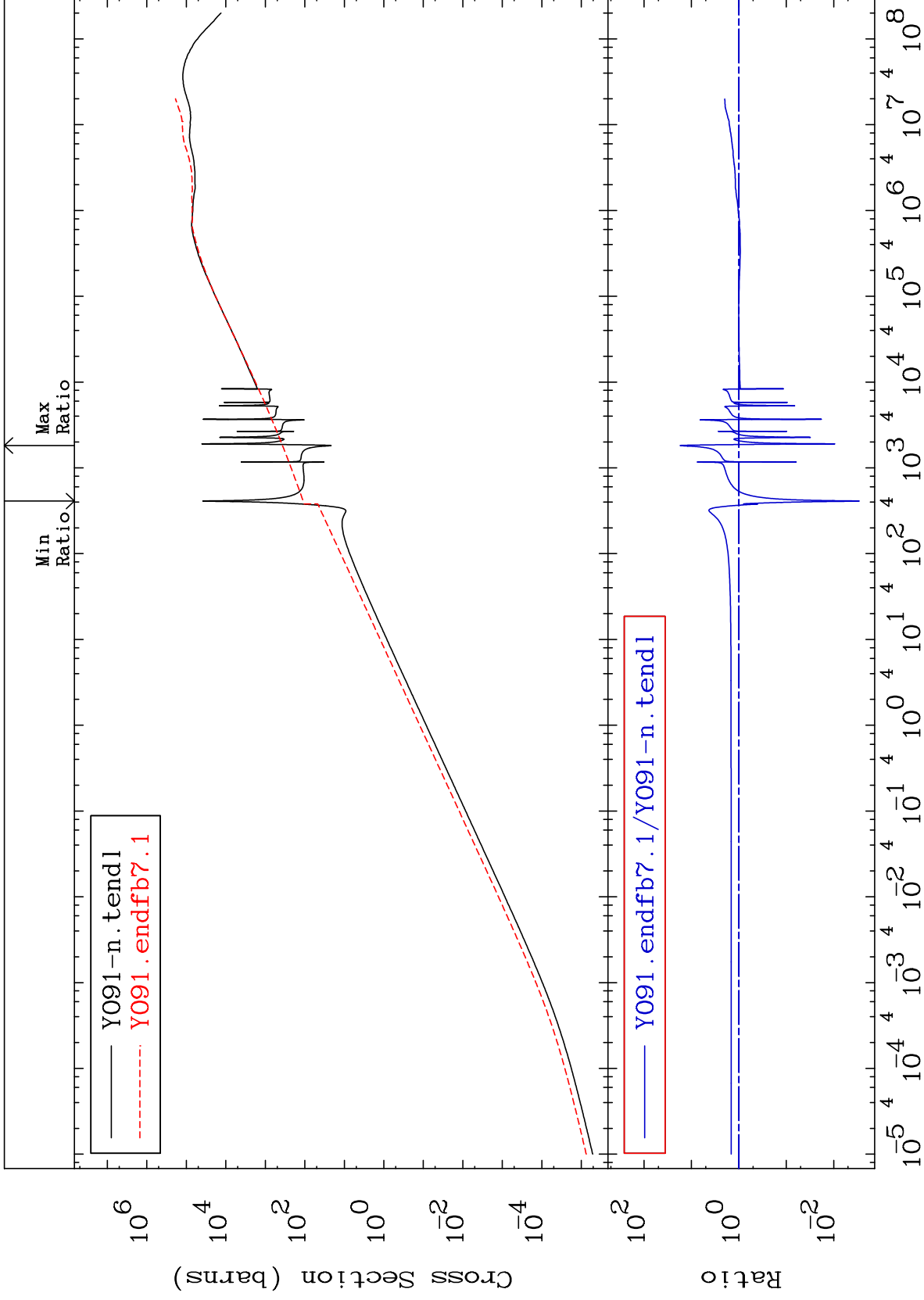


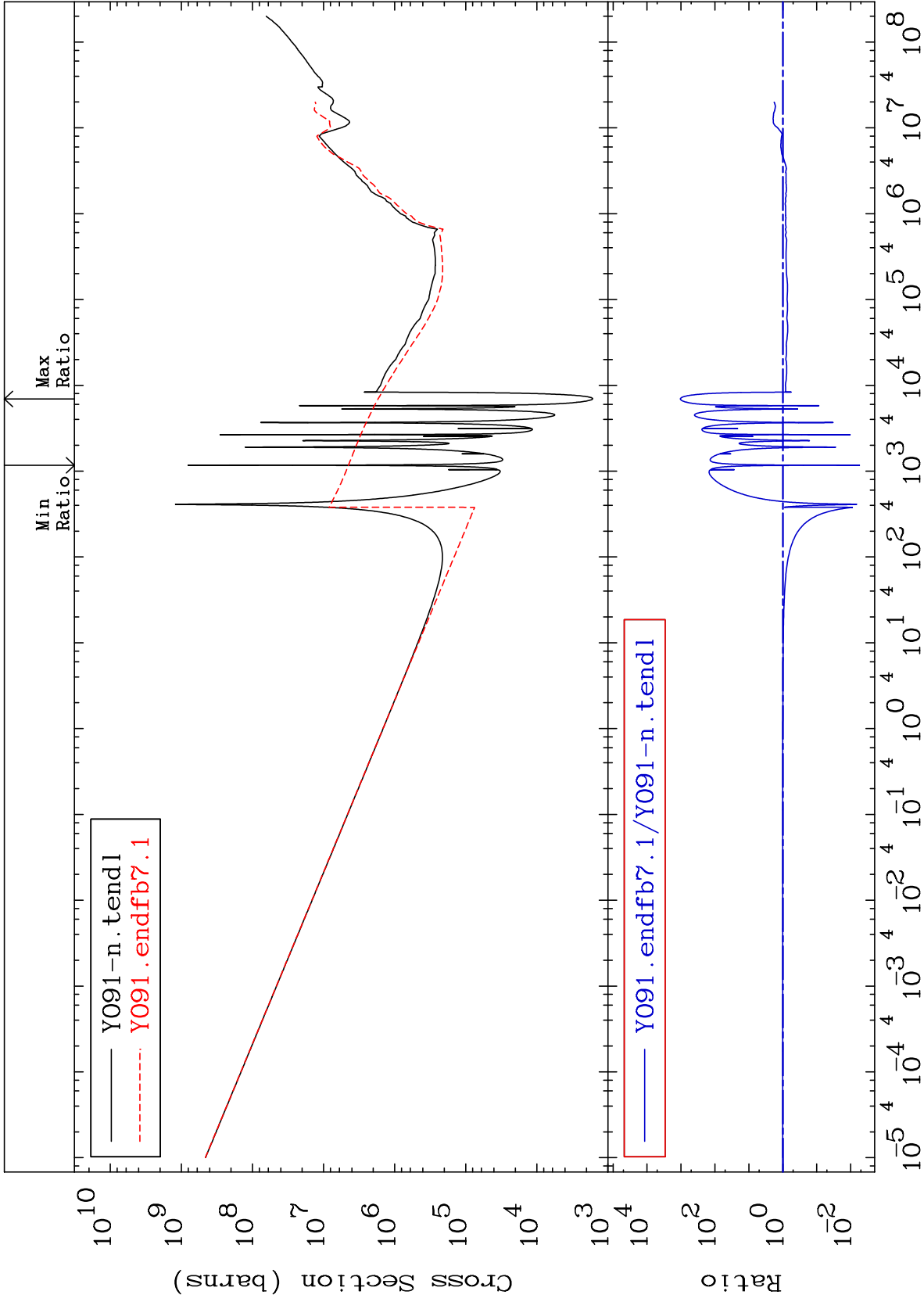
48

Incident Energy (eV)

39-Y -91



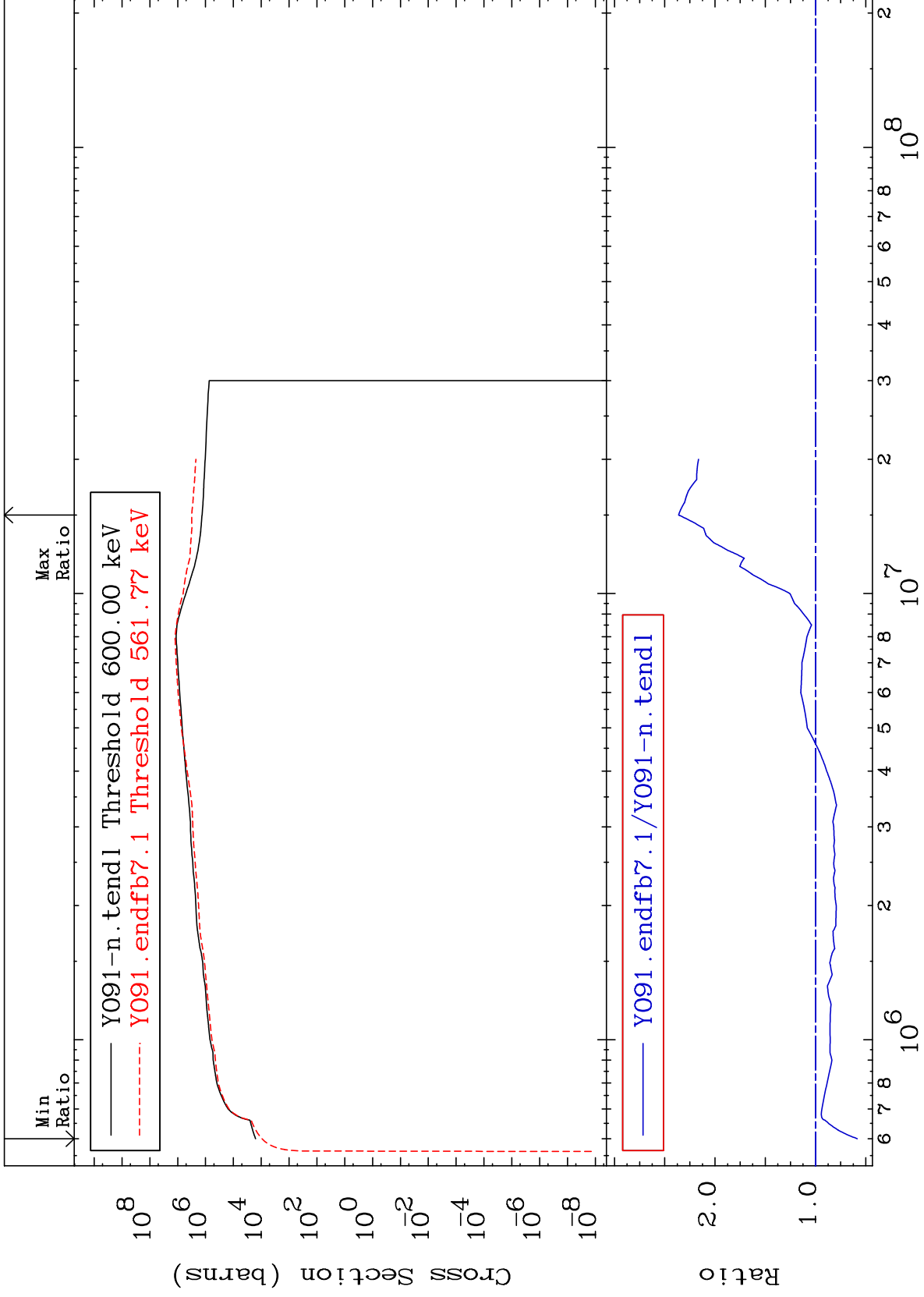




MAT 3931

Kerma inelastic (mt51-91)
Cross Section

39-Y -91
-41.49 To 136.2 %



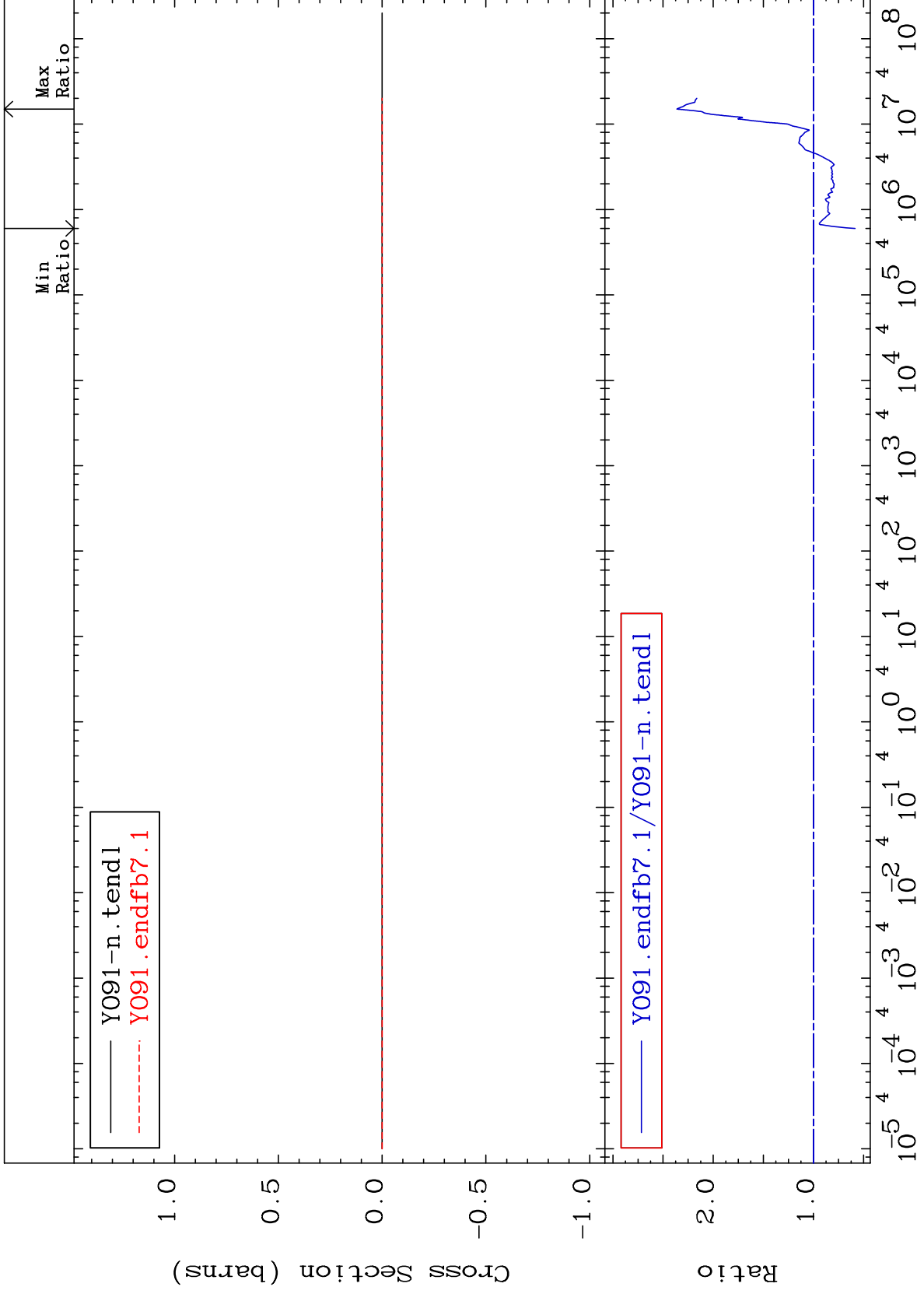
52

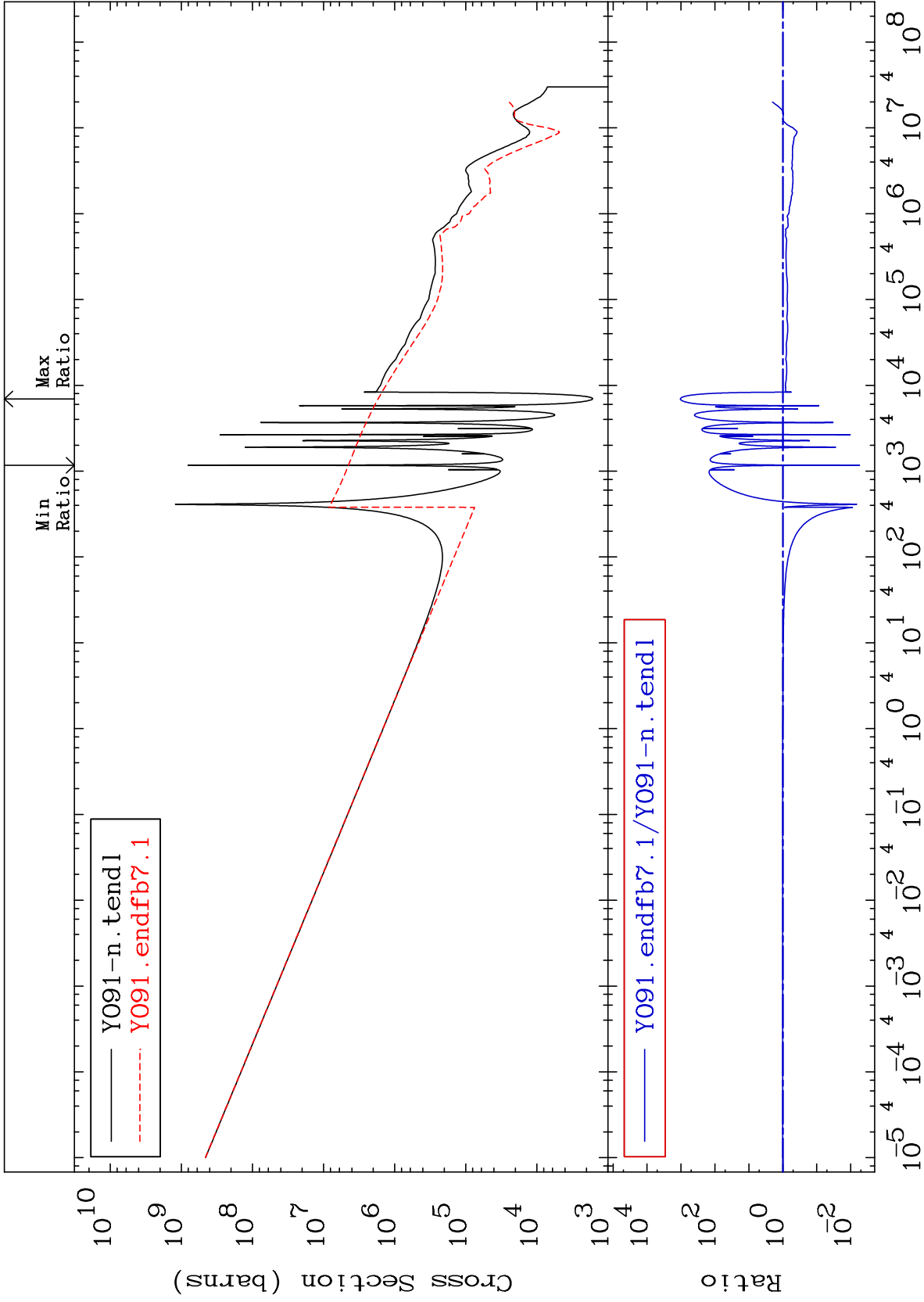
39-Y -91

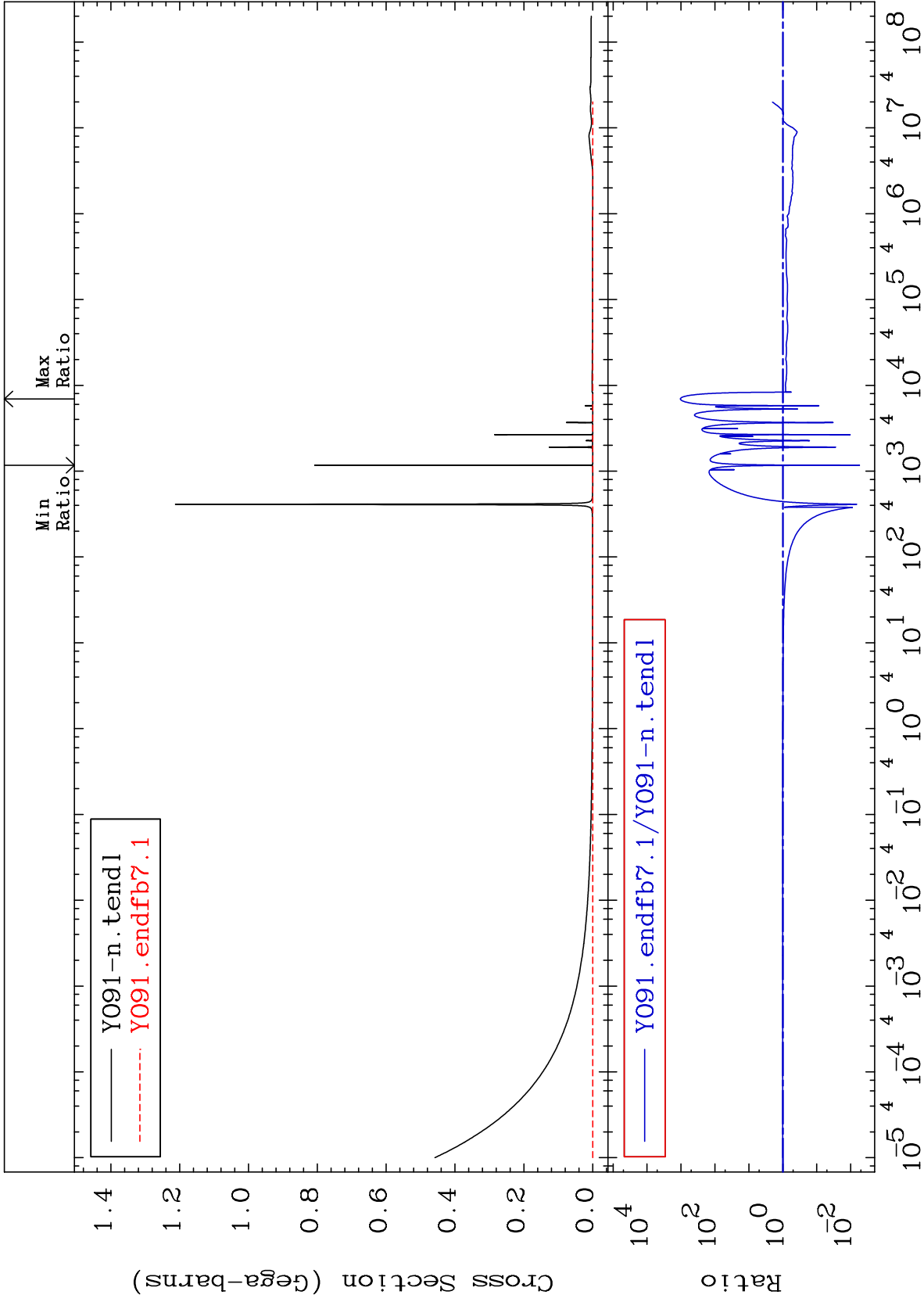
MAT 3931

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

39-Y -91
-41.49 To 136.2 %







Cross Section

-100.0 To -37.70%

