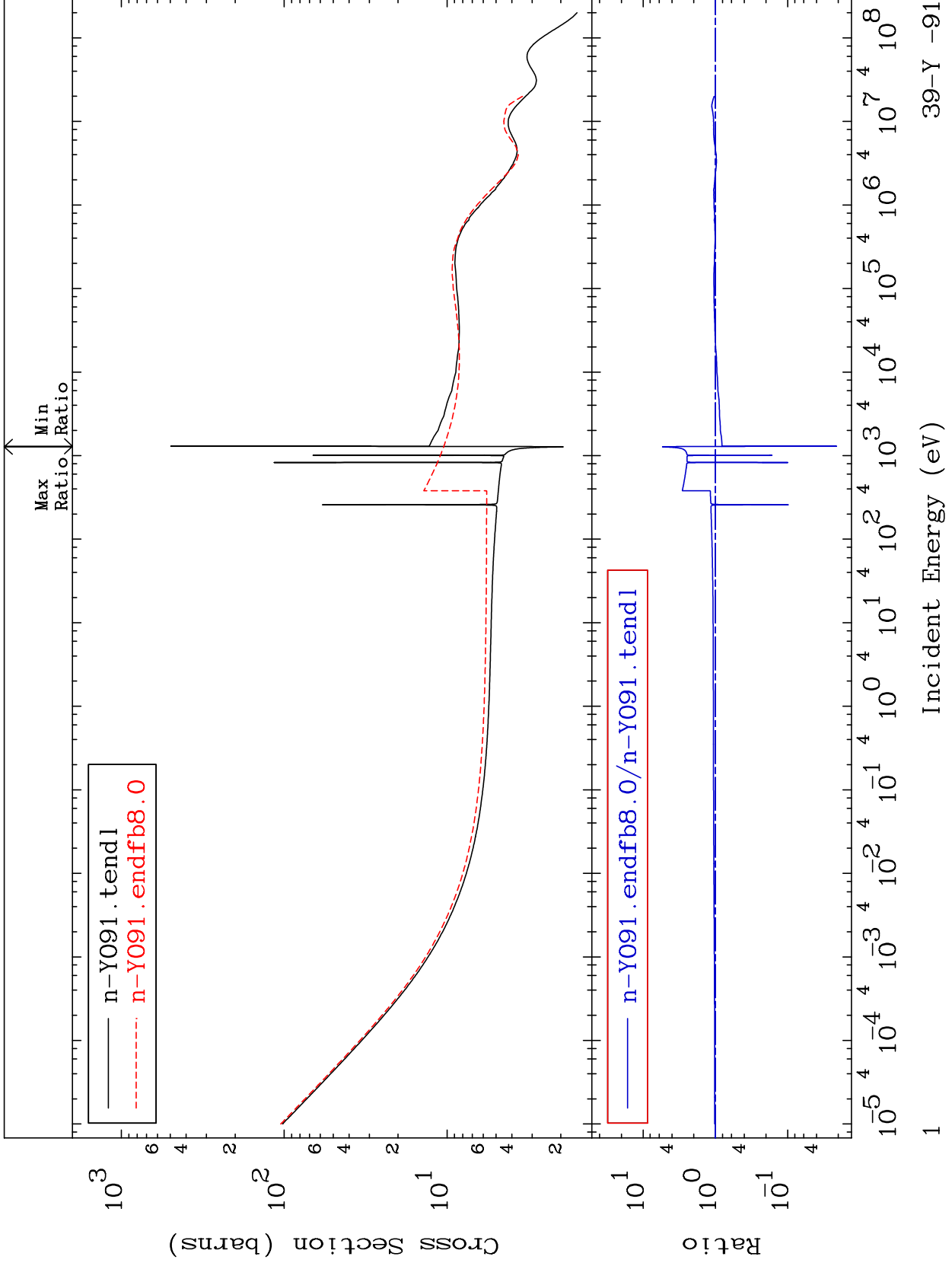


MAT 3931

Total
Cross Section

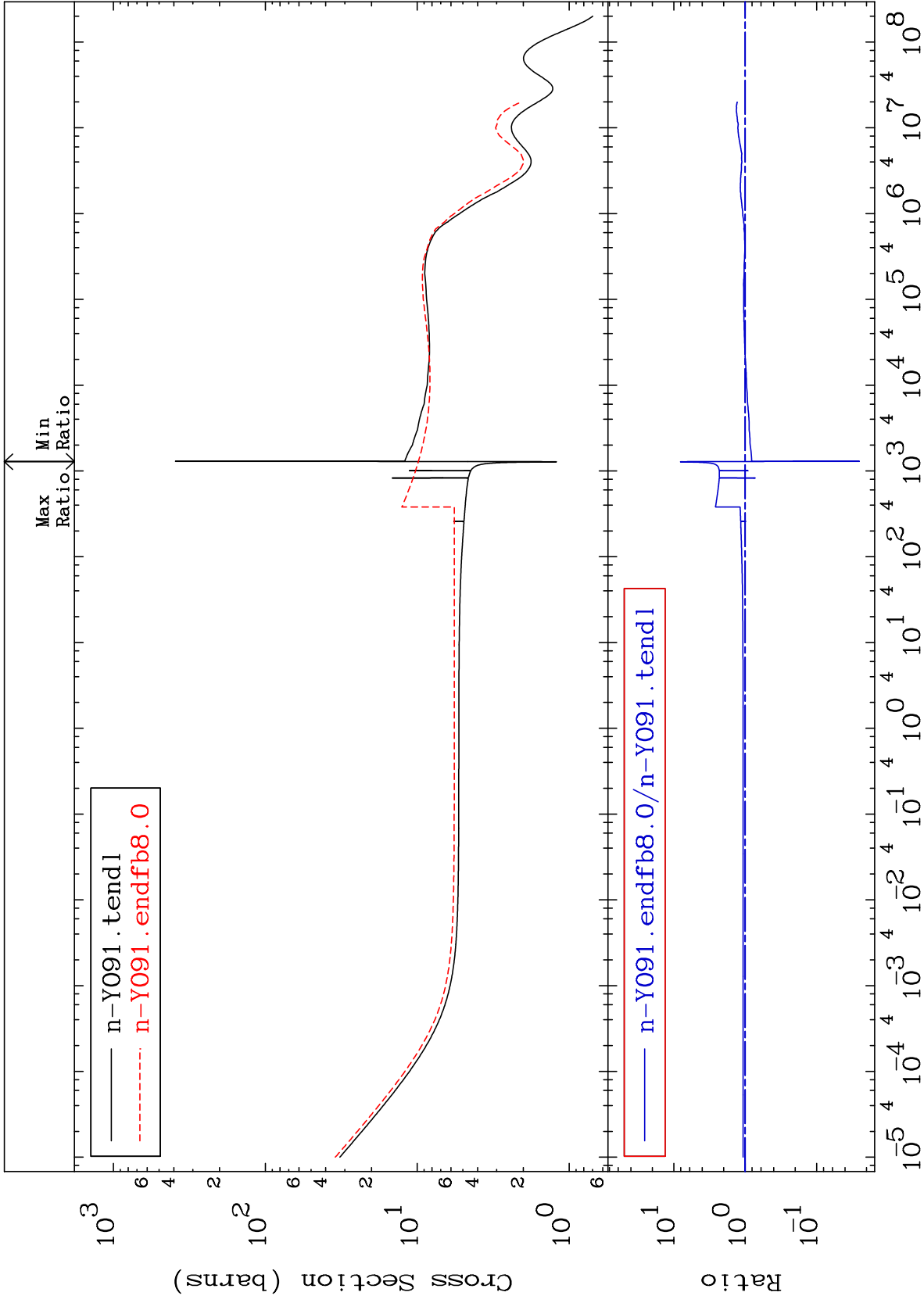
39-Y -91
-97.89 To 443.3 %



MAT 3931

Elastic
Cross Section

39-Y -91
-97.49 To 709.7 %



2

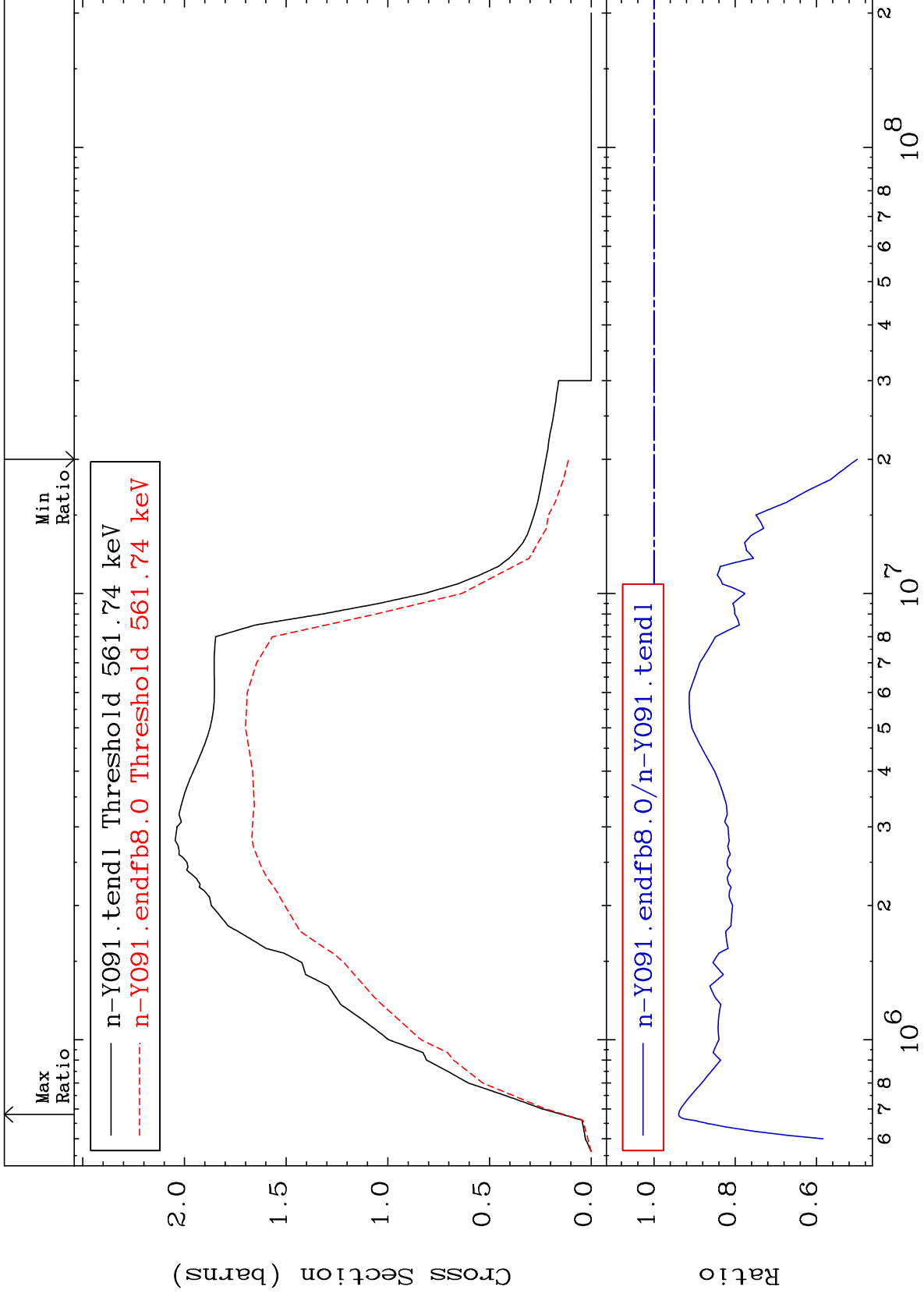
Incident Energy (eV)

39-Y -91

MAT 3931

Inelastic
Cross Section

39-Y -91
-50.02 To -6.066%



3

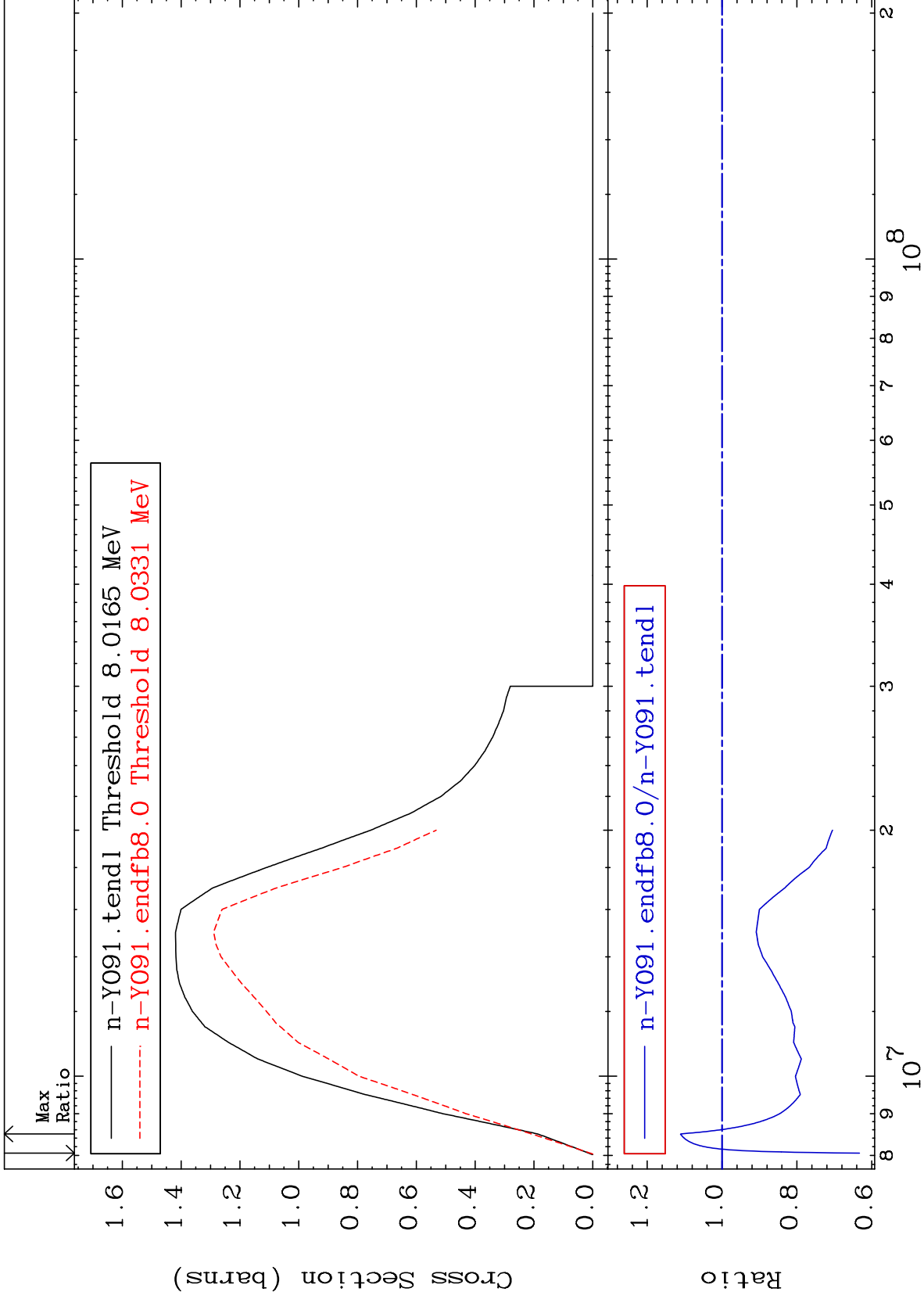
Incident Energy (eV)

39-Y -91

MAT 3931

(n,2n)
Cross Section

39-Y -91
-36.71 To 11.15 %



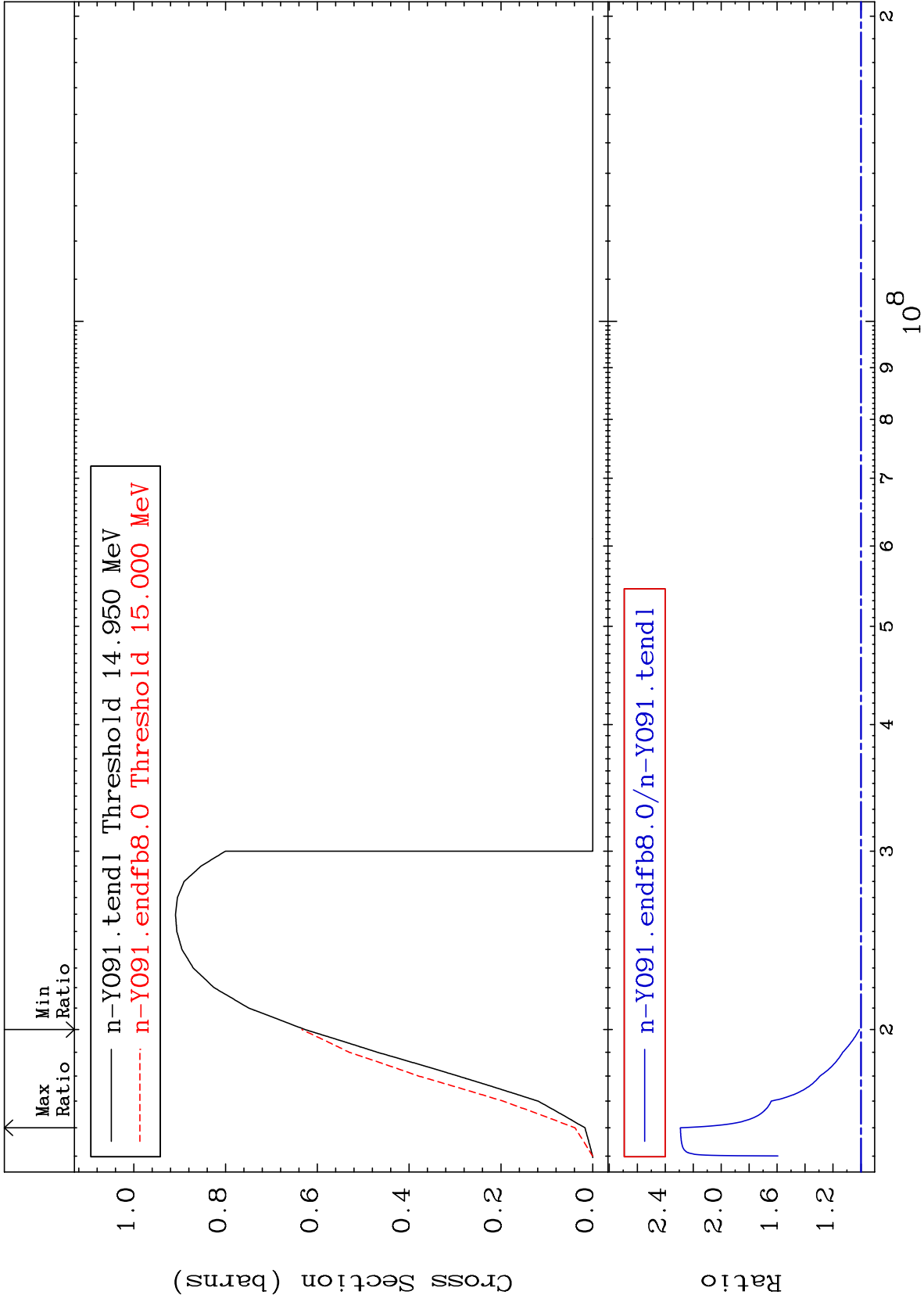
4

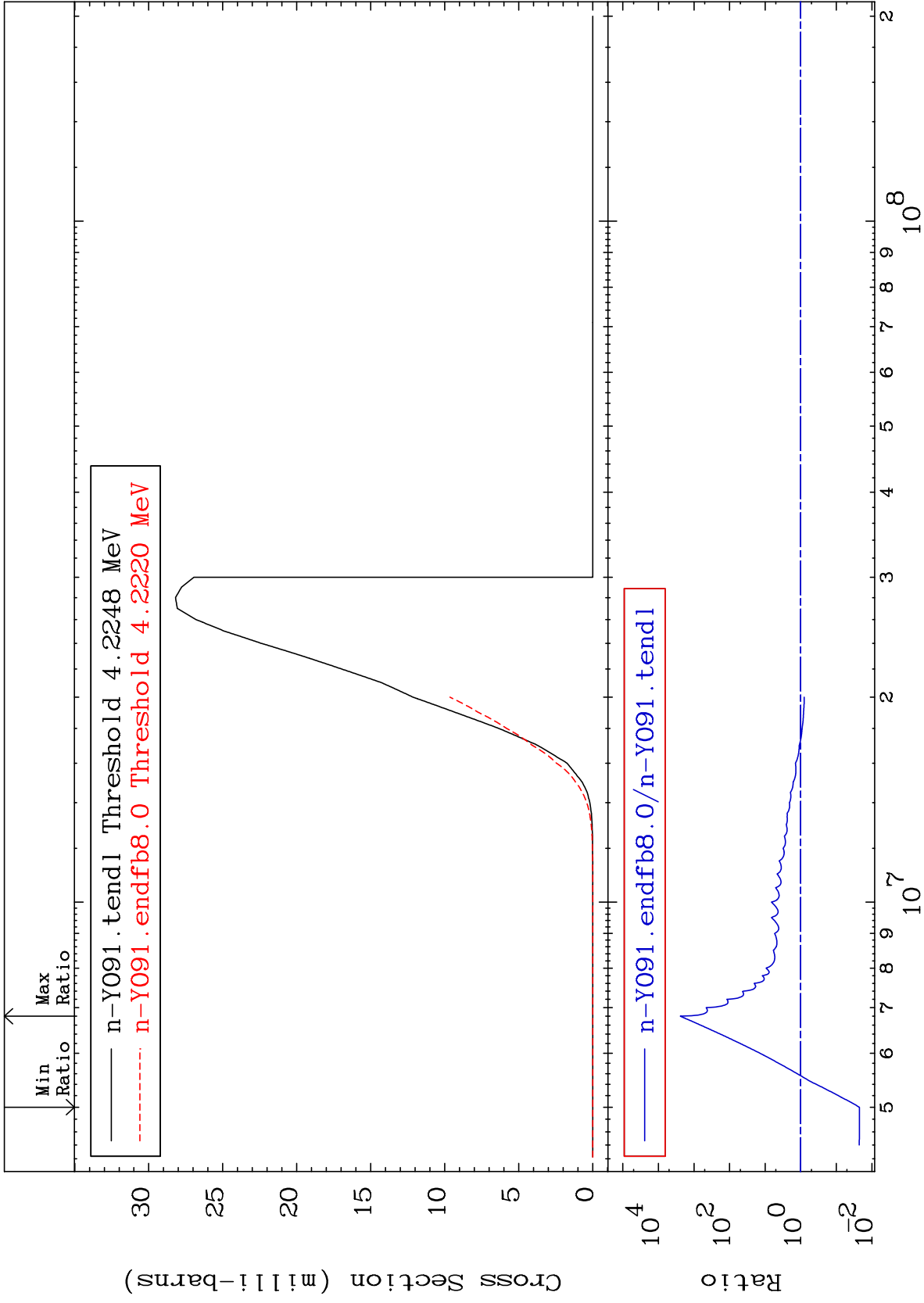
Incident Energy (eV)

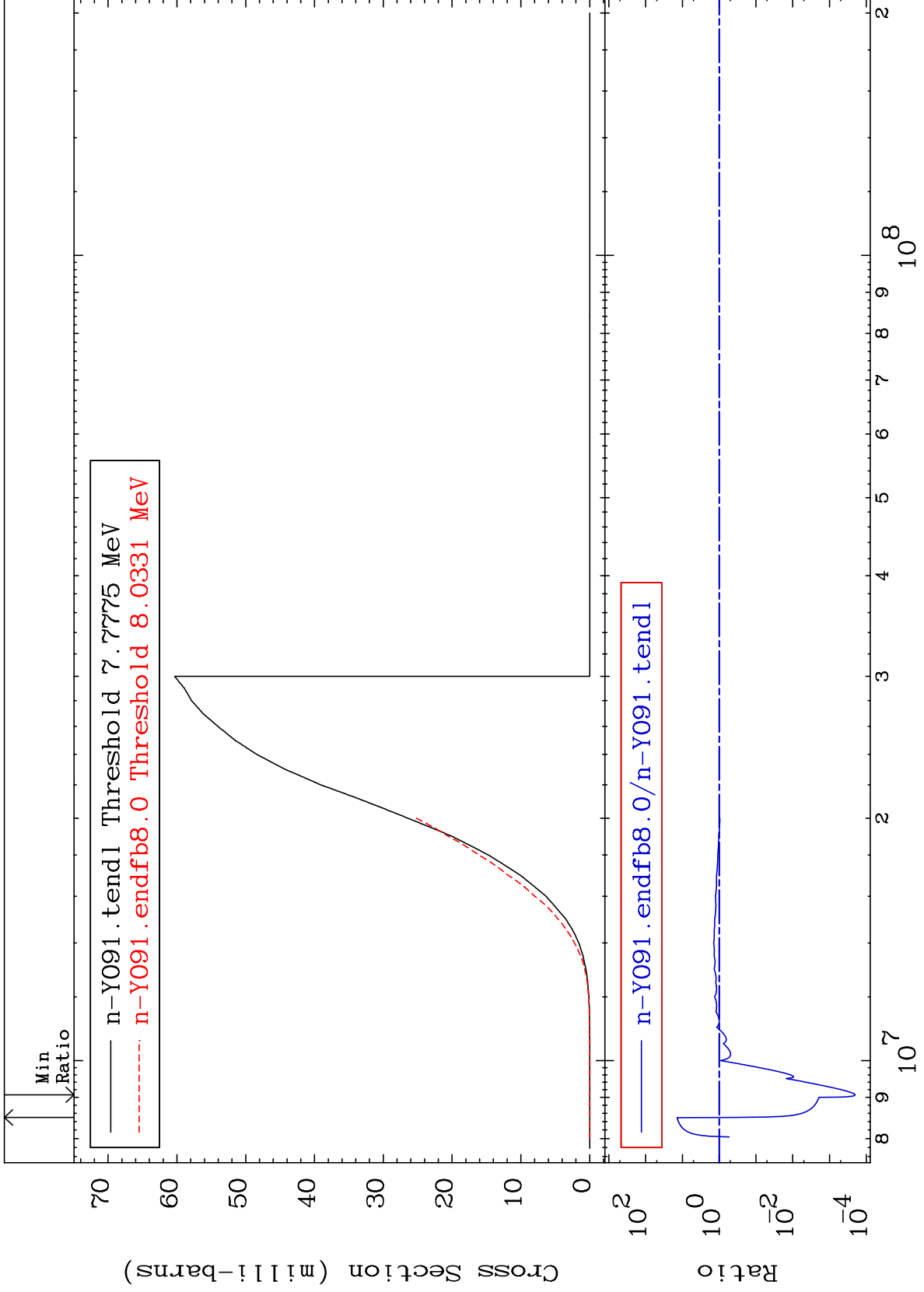
39-Y -91

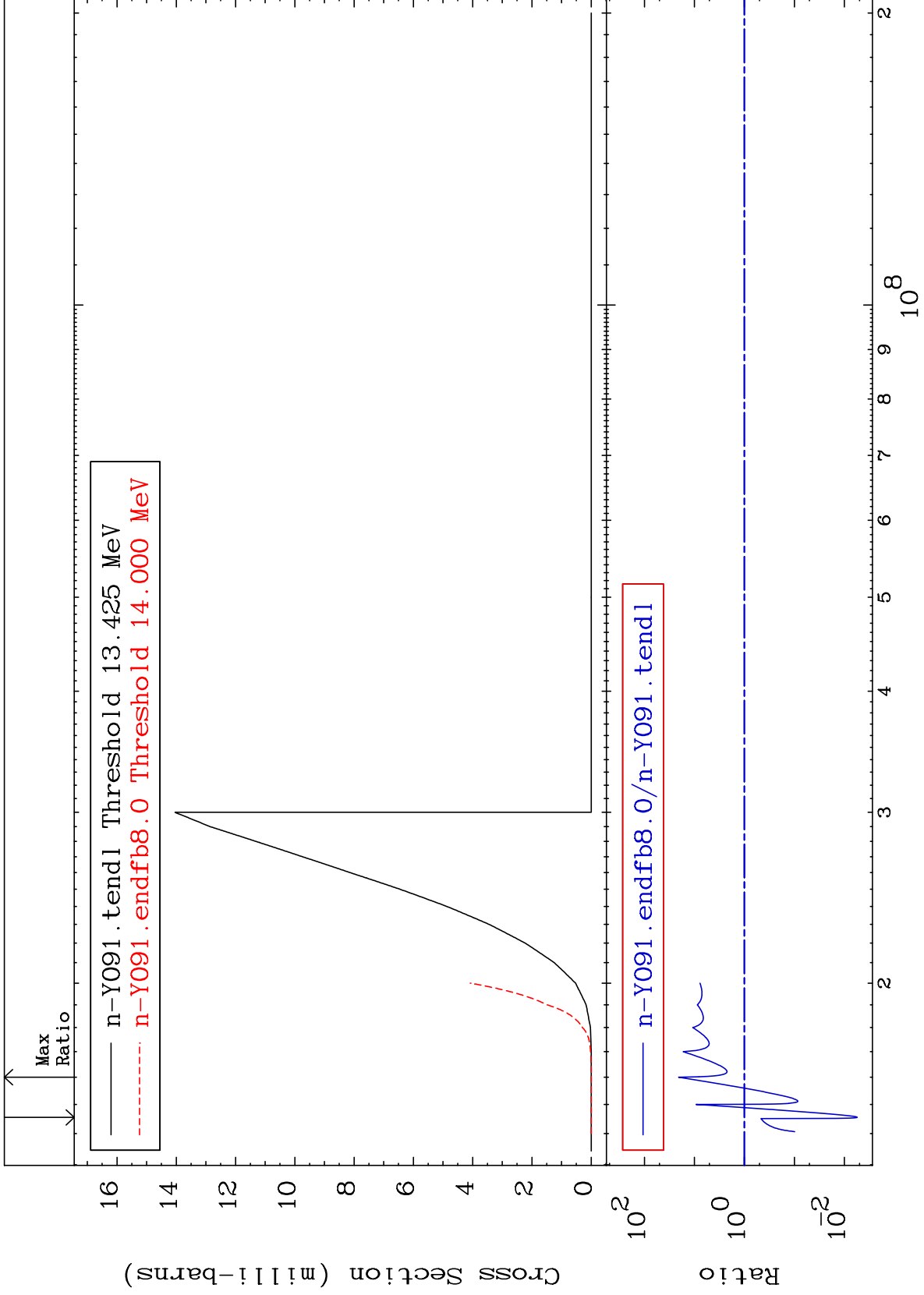
Cross Section

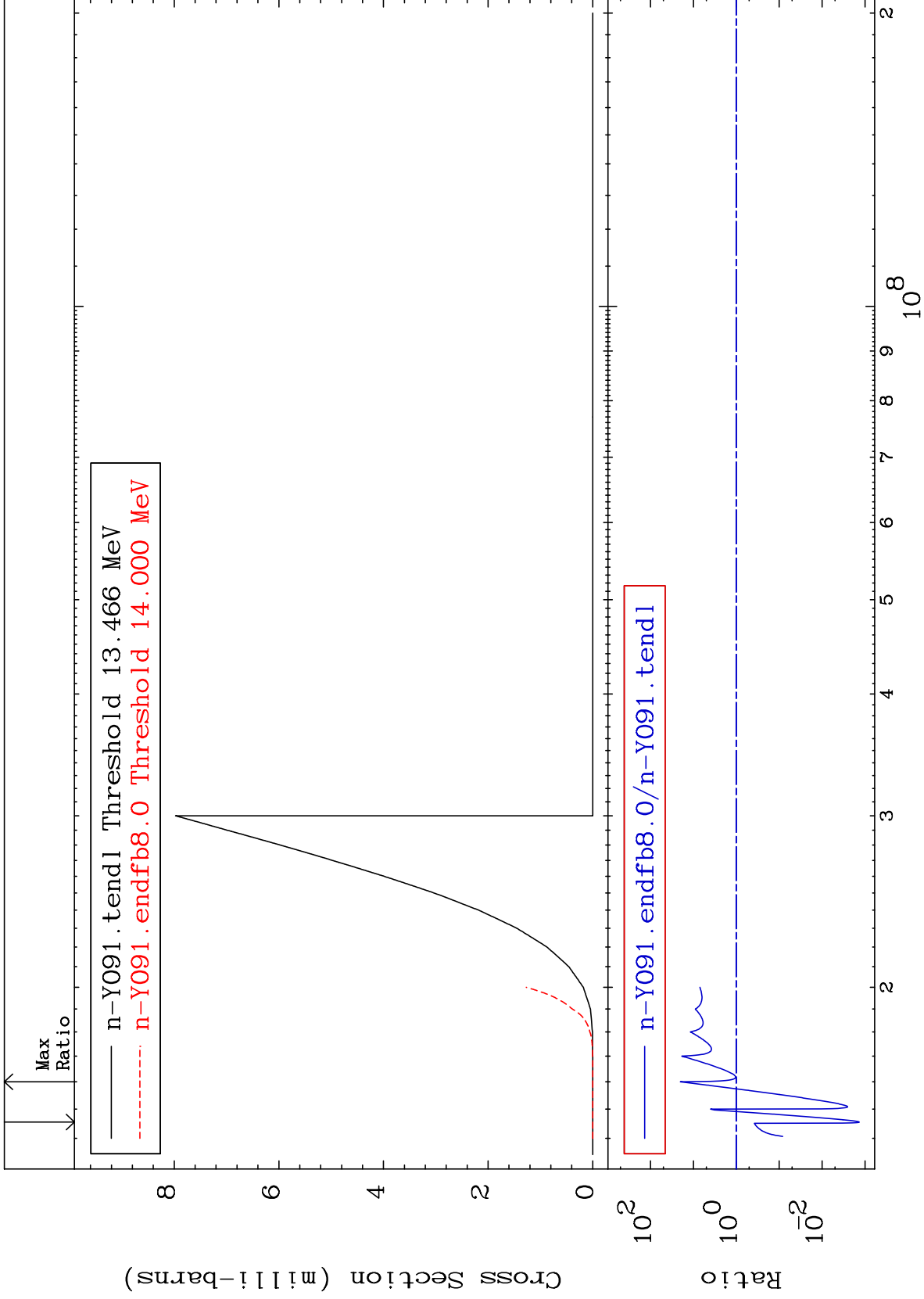
1.125 To 129.2 %







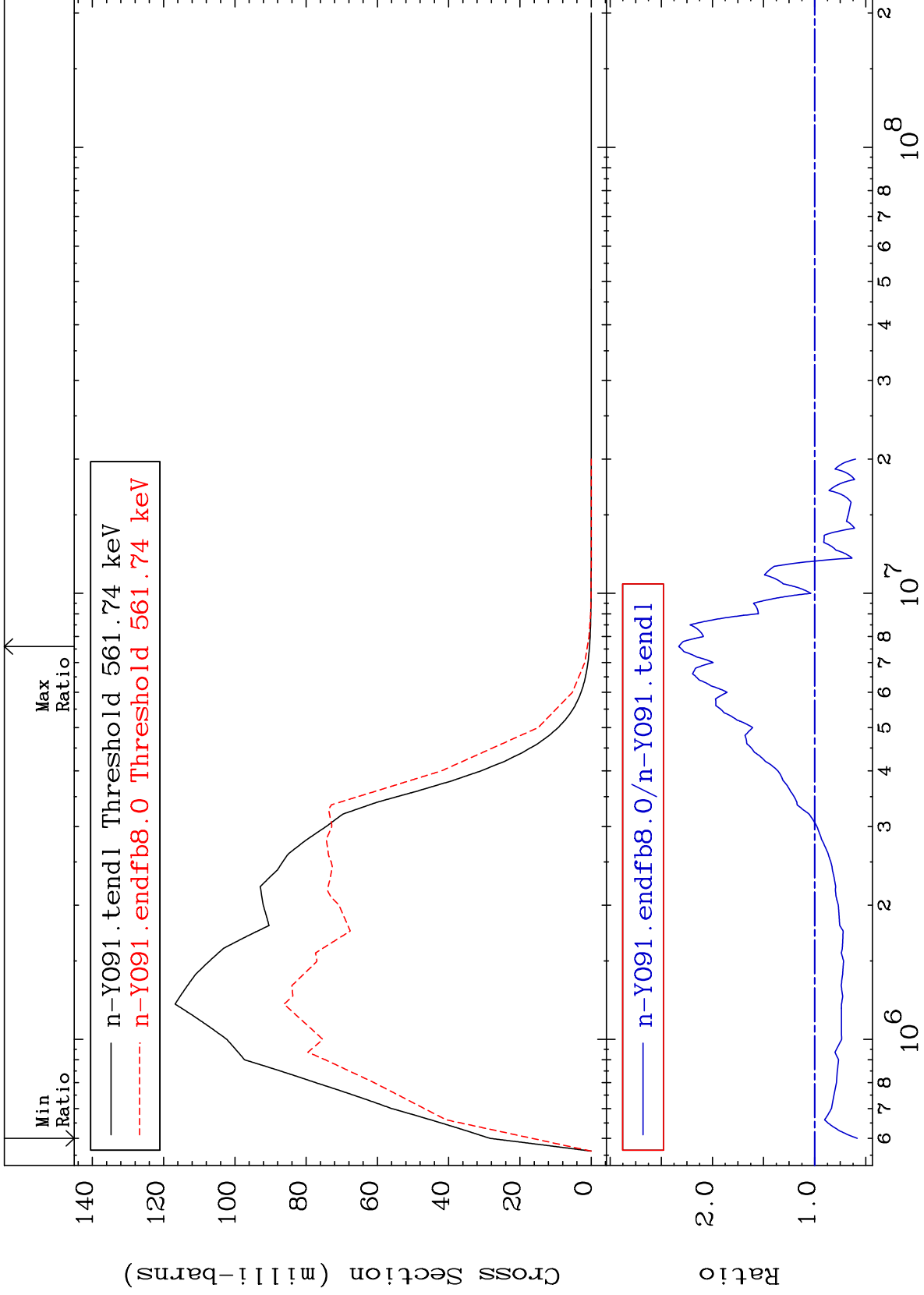




MAT 3931

MT= 51 (n,n') Level
Cross Section

39-Y -91
-41.60 To 133.0 %



10

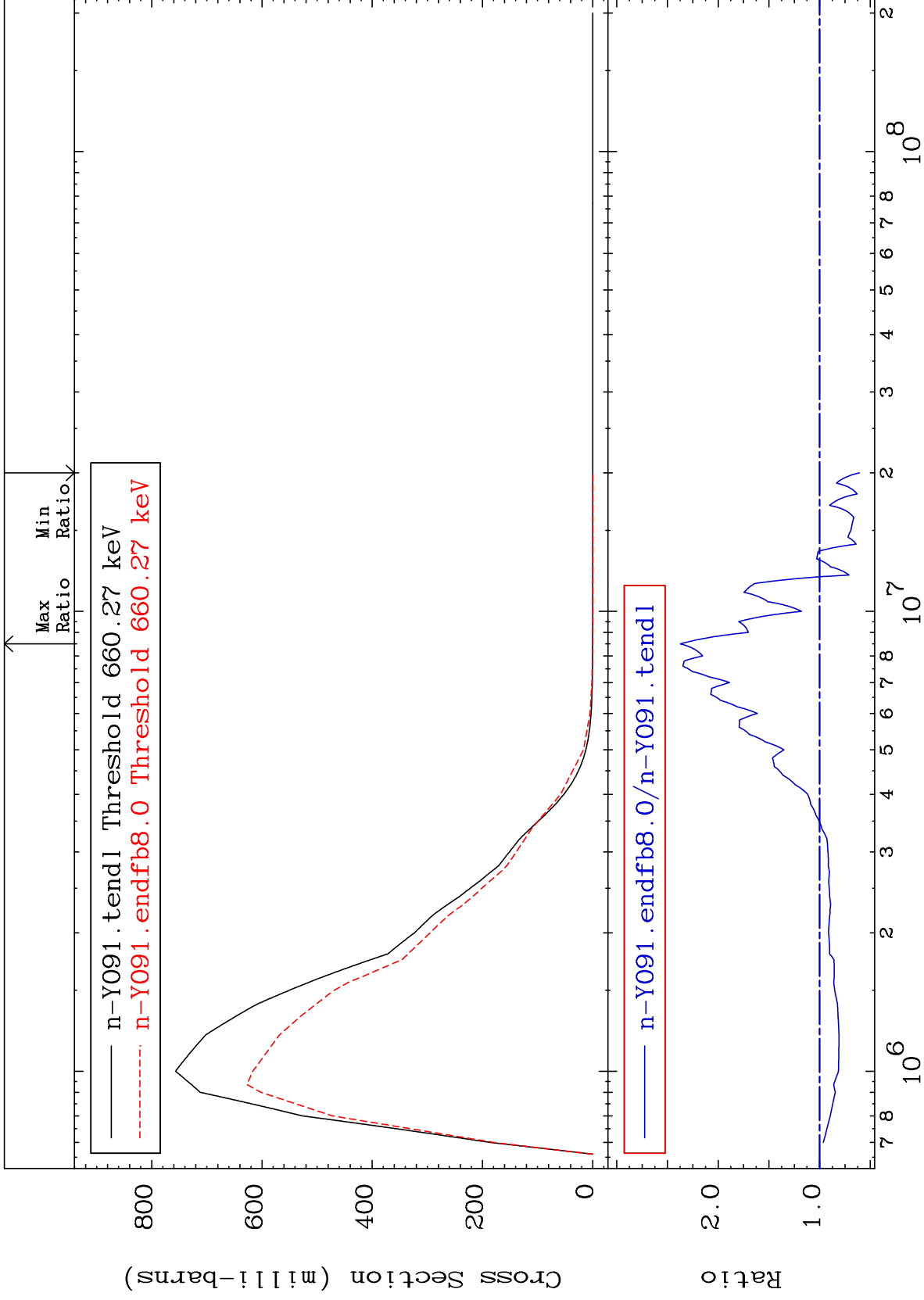
Incident Energy (eV)

39-Y -91

MAT 3931

MT= 52 (n,n') Level
Cross Section

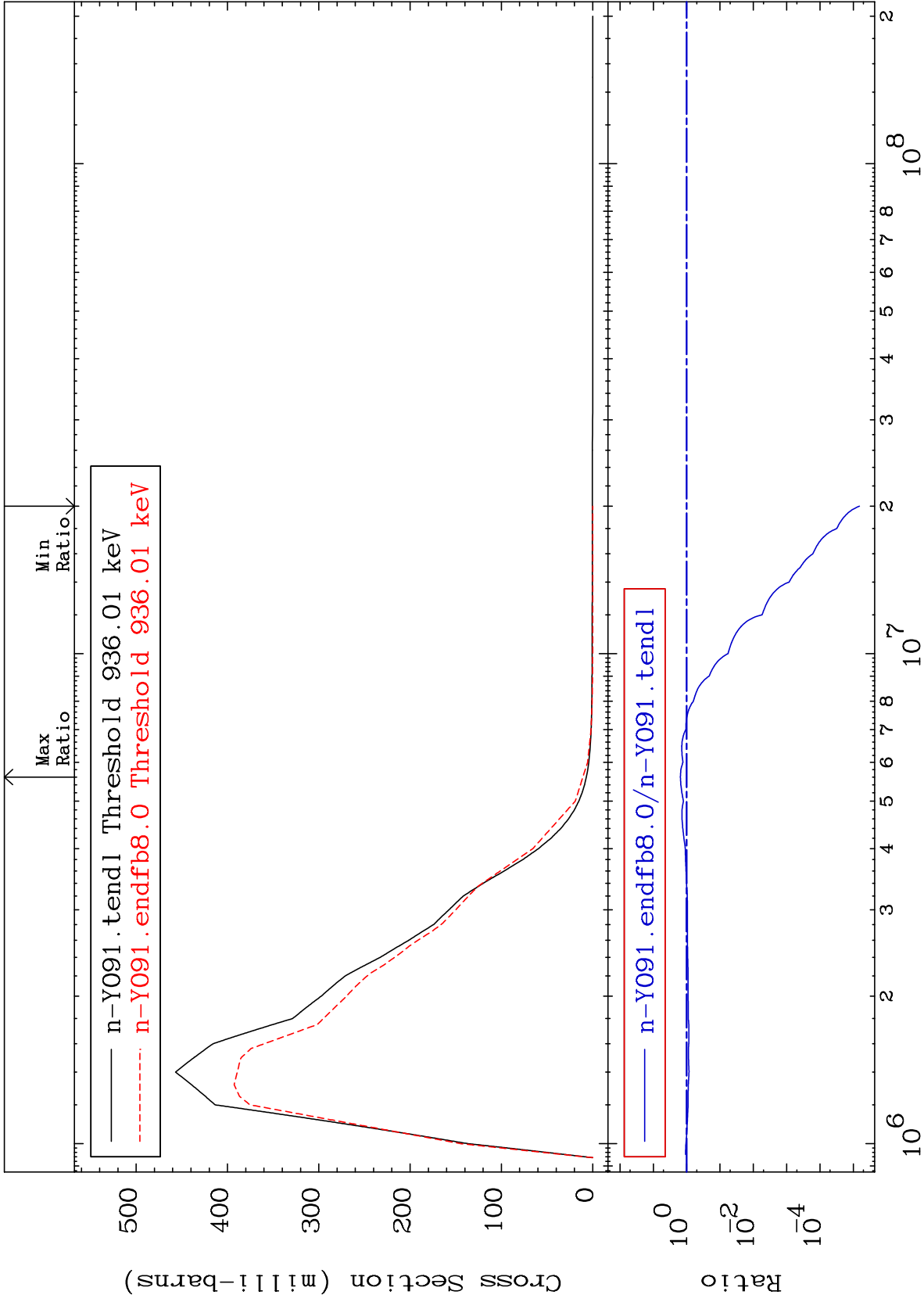
39-Y -91
-39.23 To 137.3 %



MAT 3931

MT= 53 (n,n') Level
Cross Section

39-Y -91
-100.0 To 54.62 %



12

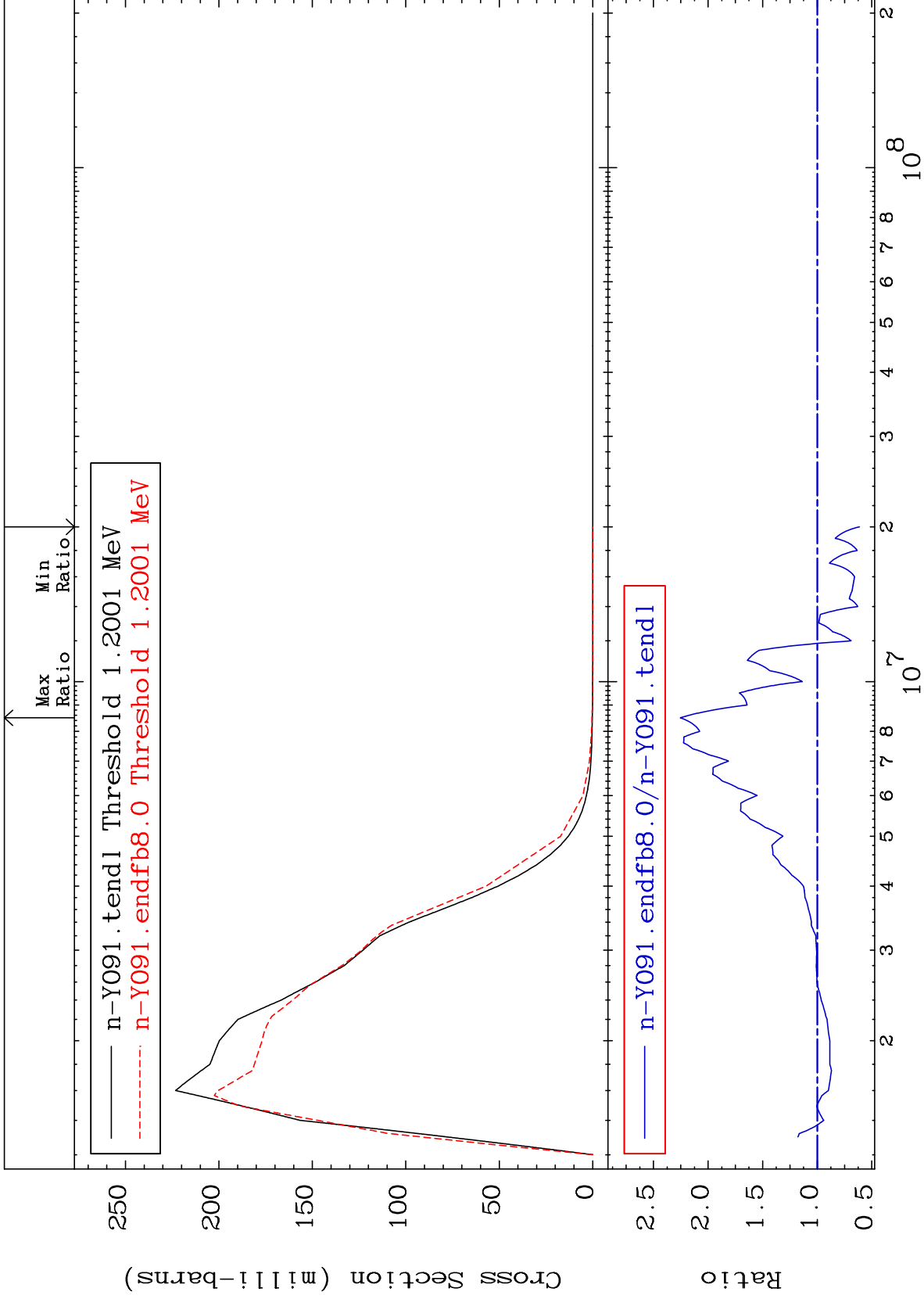
Incident Energy (eV)

39-Y -91

MAT 3931

MT= 54 (n, n') Level
Cross Section

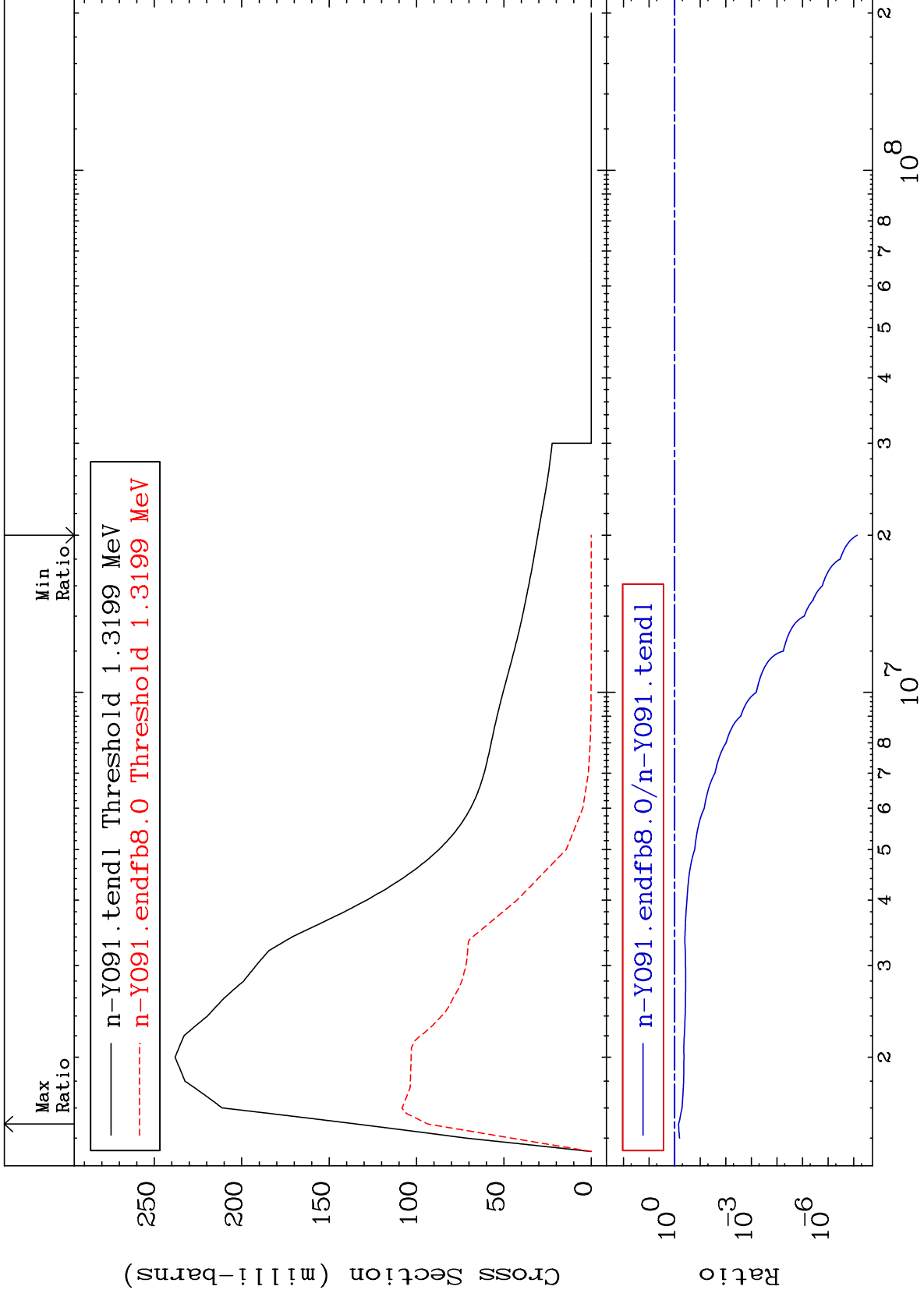
39-Y -91
-38.65 To 125.4 %



MAT 3931

MT= 55 (n,n') Level
Cross Section

39-Y -91
-100.0 To -30.34%



14

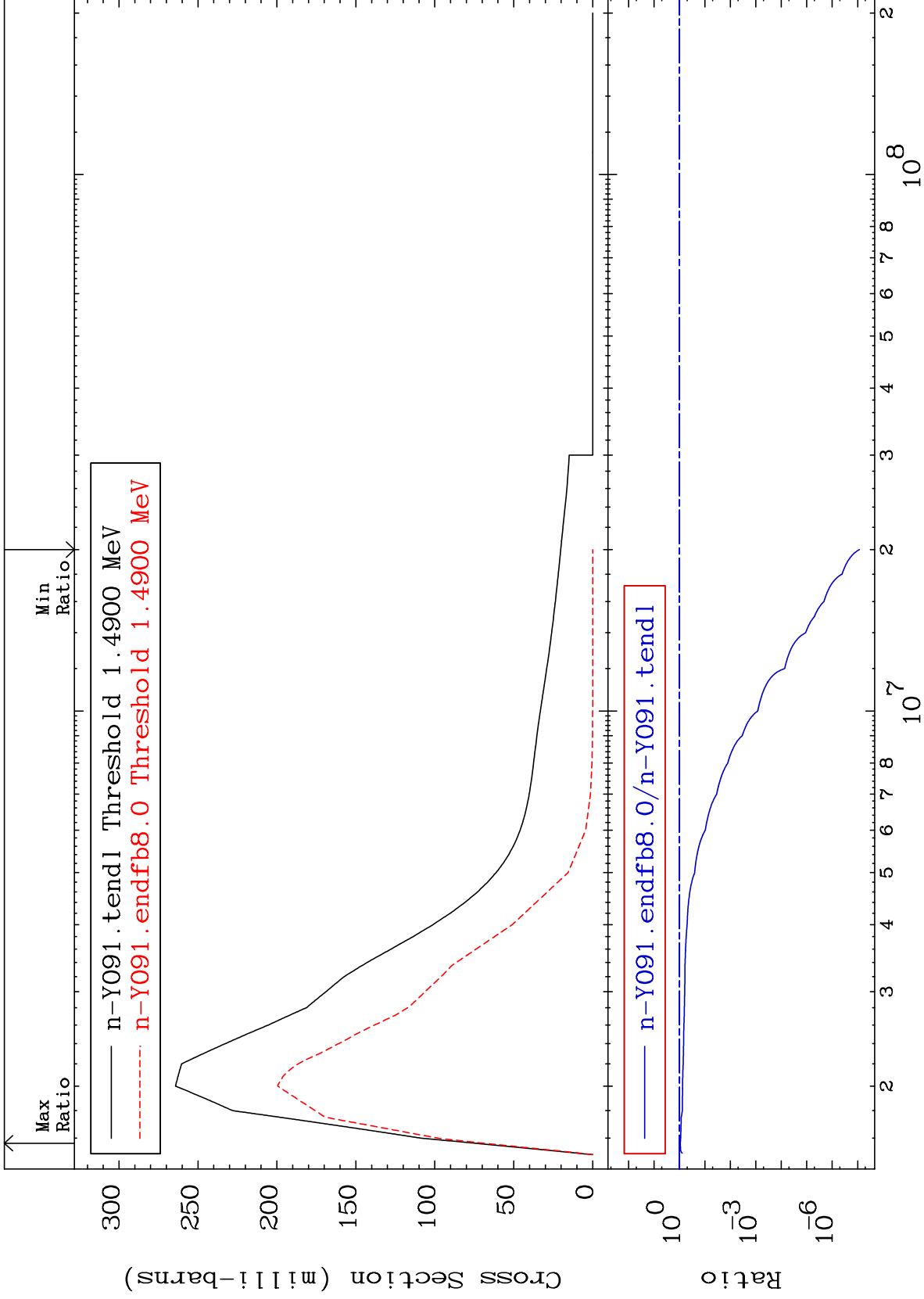
Incident Energy (eV)

39-Y -91

MAT 3931

MT= 56 (n,n') Level
Cross Section

39-Y -91
-100.0 To -7.465%



15

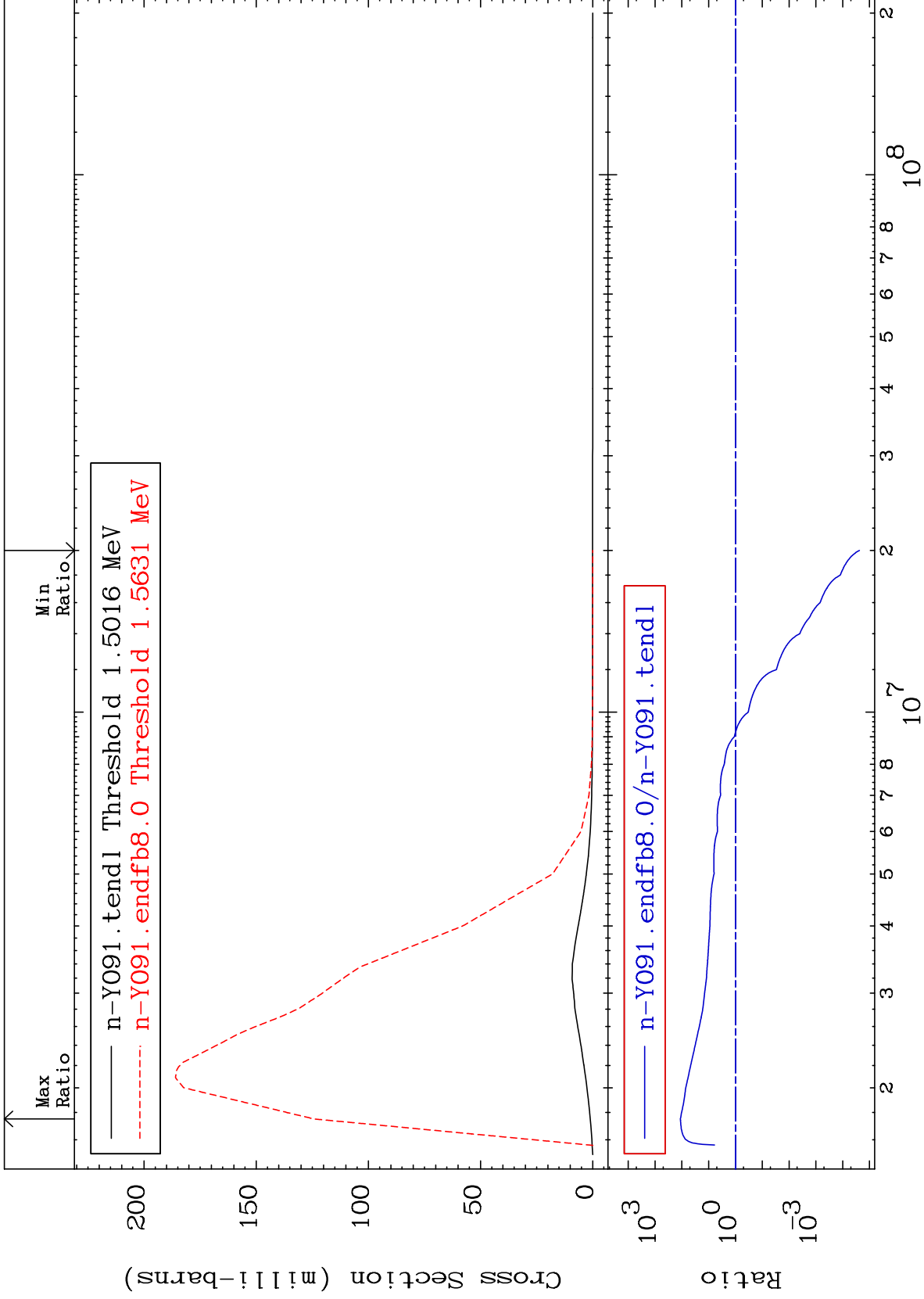
Incident Energy (eV)

39-Y -91

MAT 3931

MT= 57 (n,n') Level
Cross Section

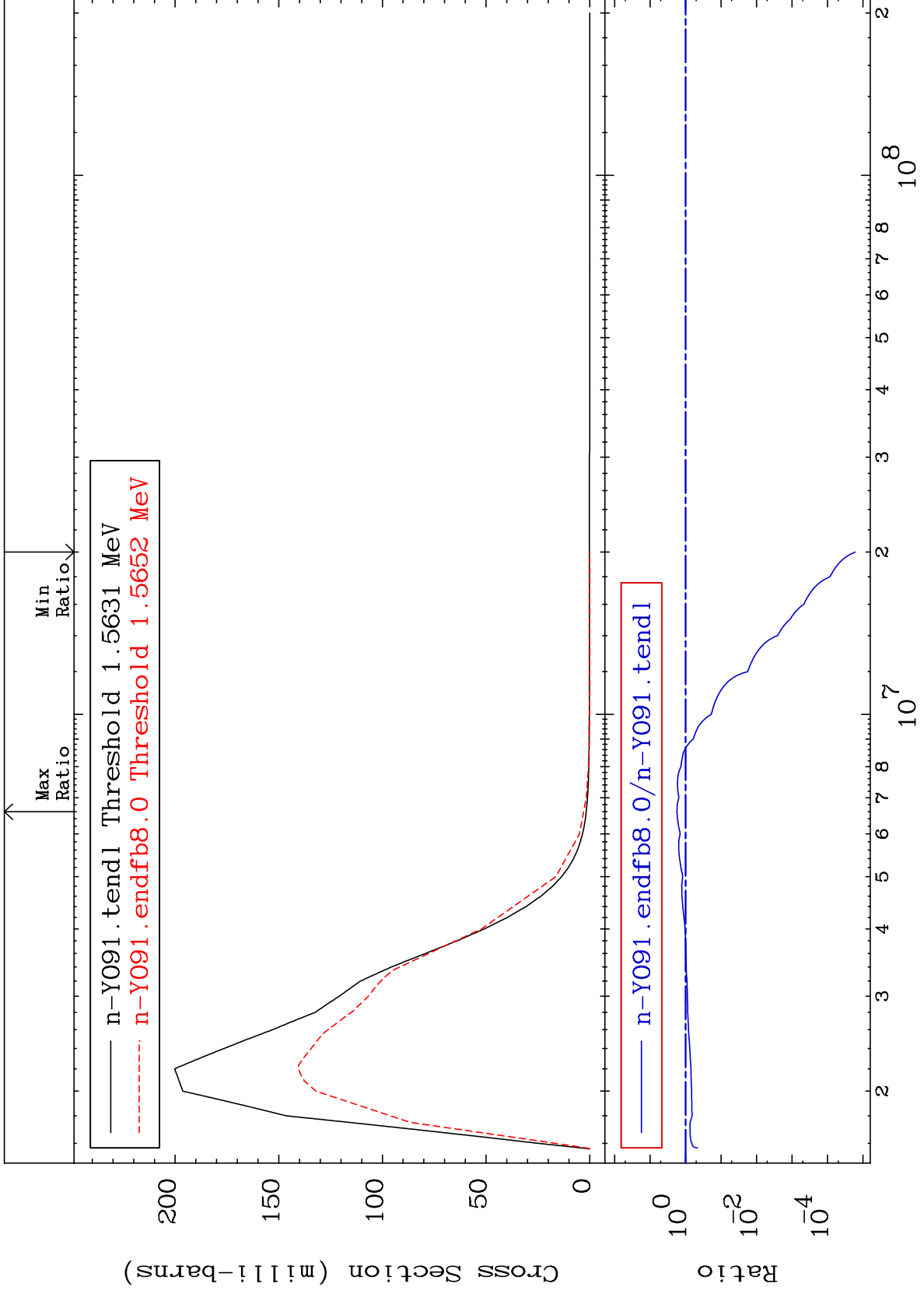
39-Y -91
-100.0 To 9999. %



MAT 3931

MT= 58 (n,n') Level
Cross Section

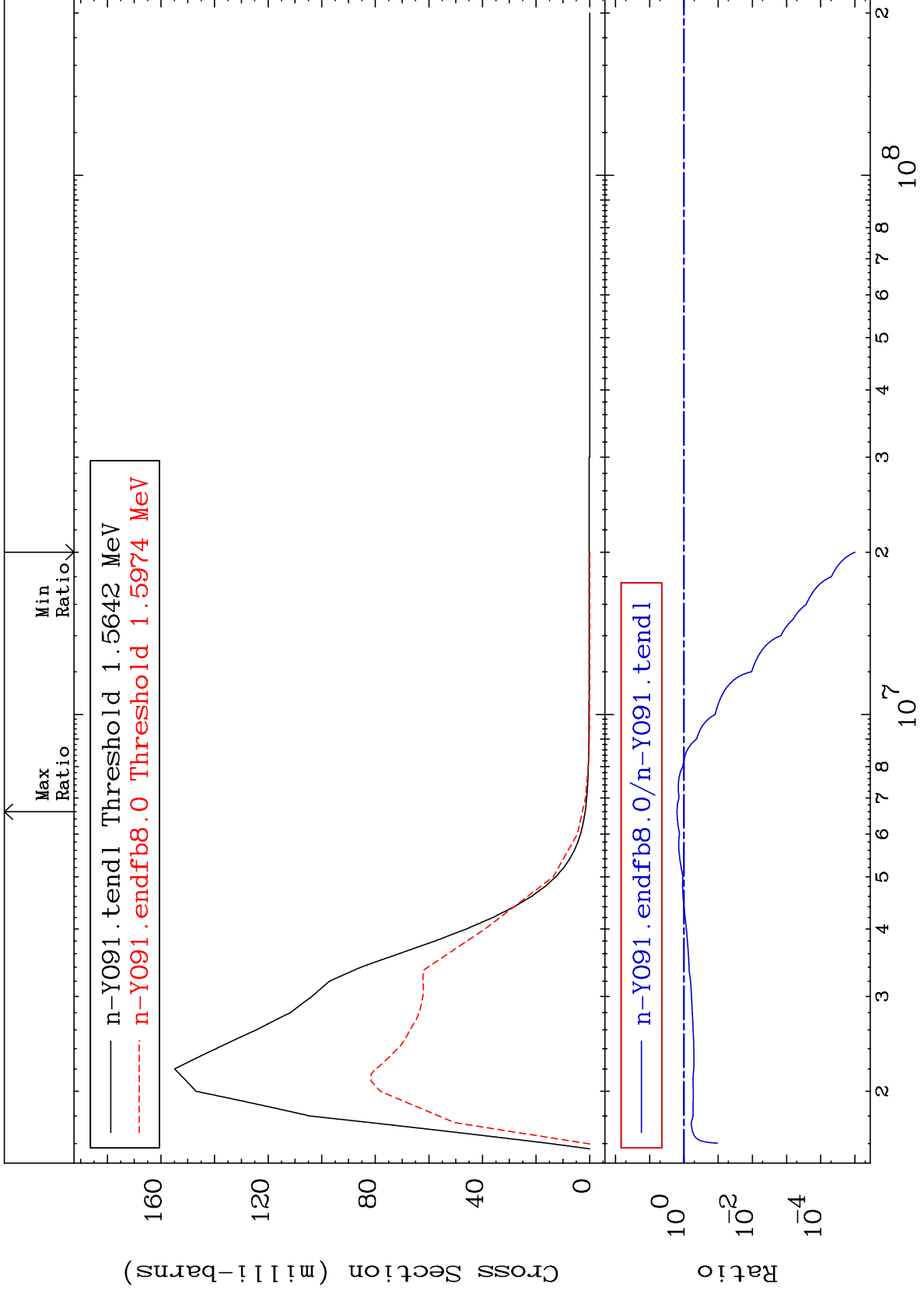
39-Y -91
-100.0 To 74.82 %



MAT 3931

MT= 59 (n,n') Level
Cross Section

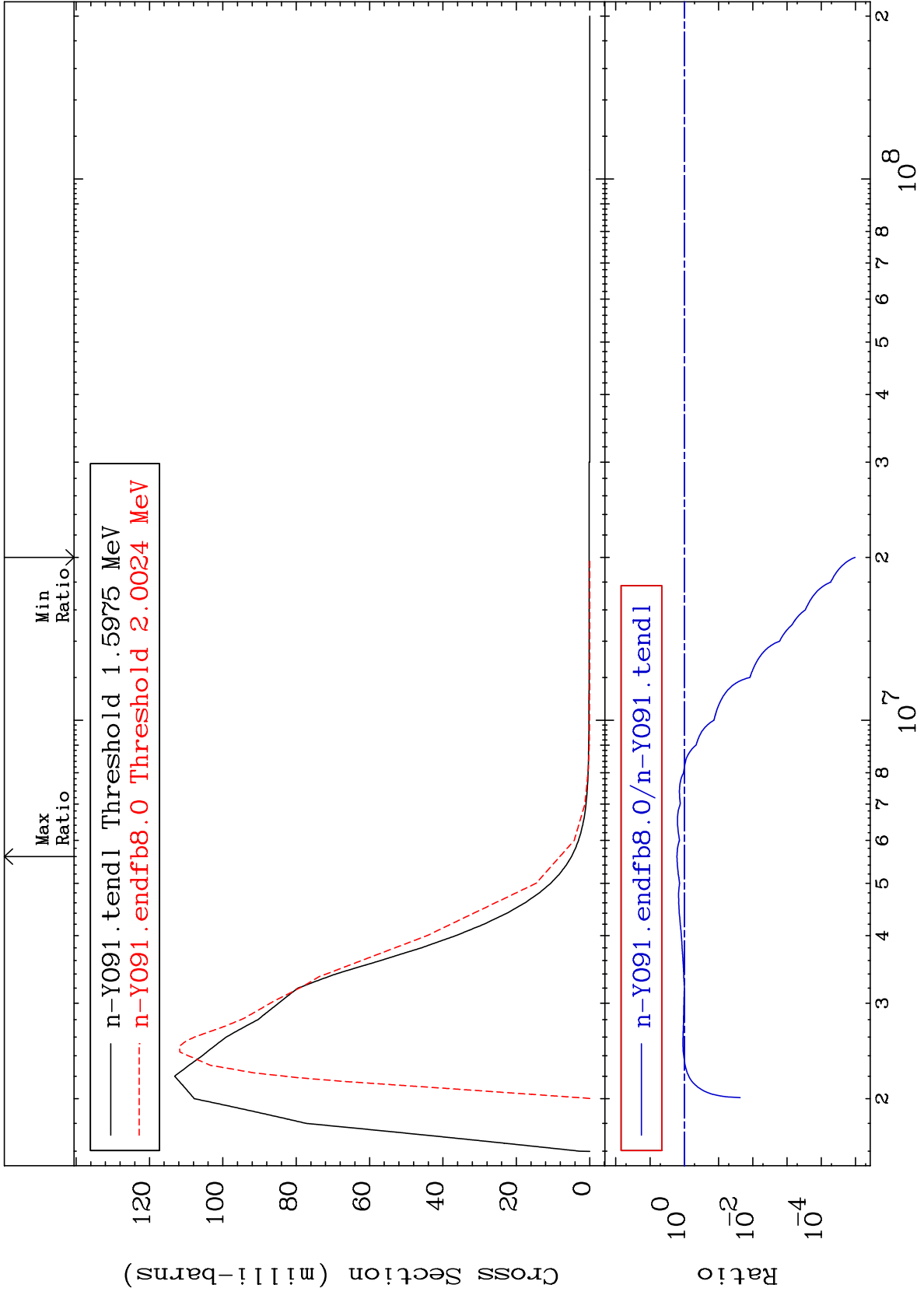
39-Y -91
-100.0 To 60.05 %



MAT 3931

MT= 60 (n,n') Level
Cross Section

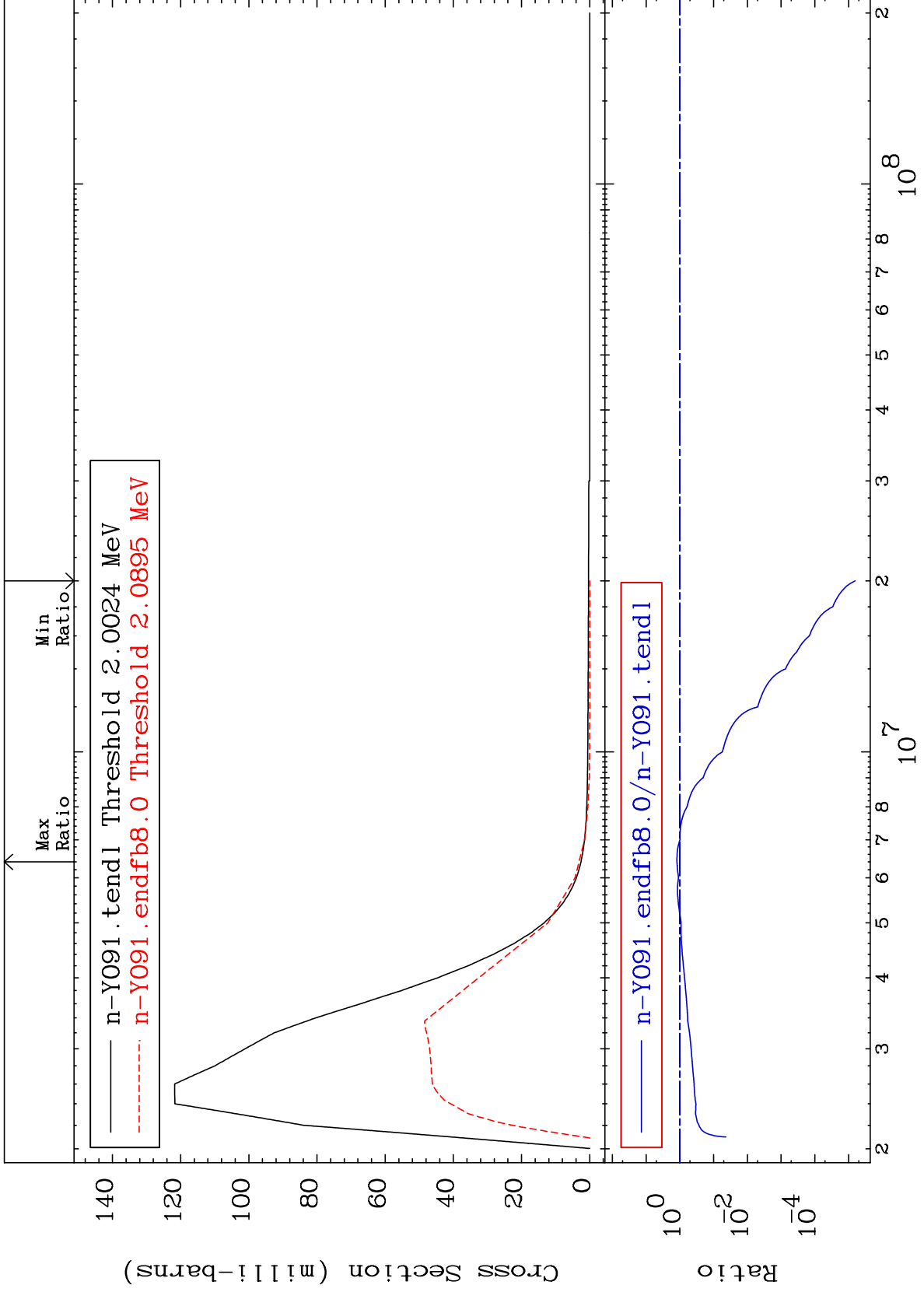
39-Y -91
-100.0 To 63.74 %



MAT 3931

MT= 61 (n,n') Level
Cross Section

39-Y -91
-100.0 To 22.26 %



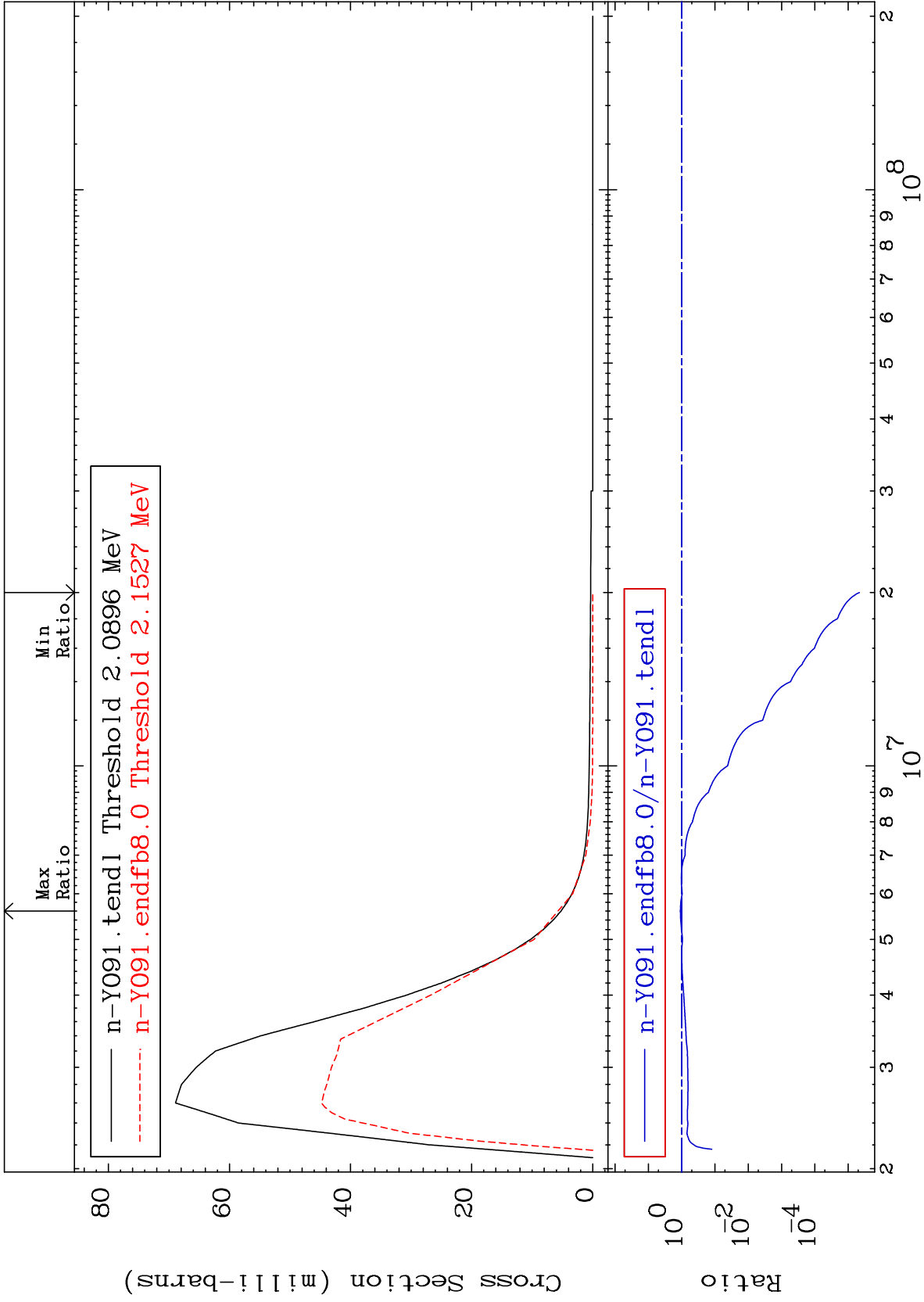
20

39-Y -91

MAT 3931

MT= 62 (n,n') Level
Cross Section

39-Y -91
-100.0 To 9.514 %



21

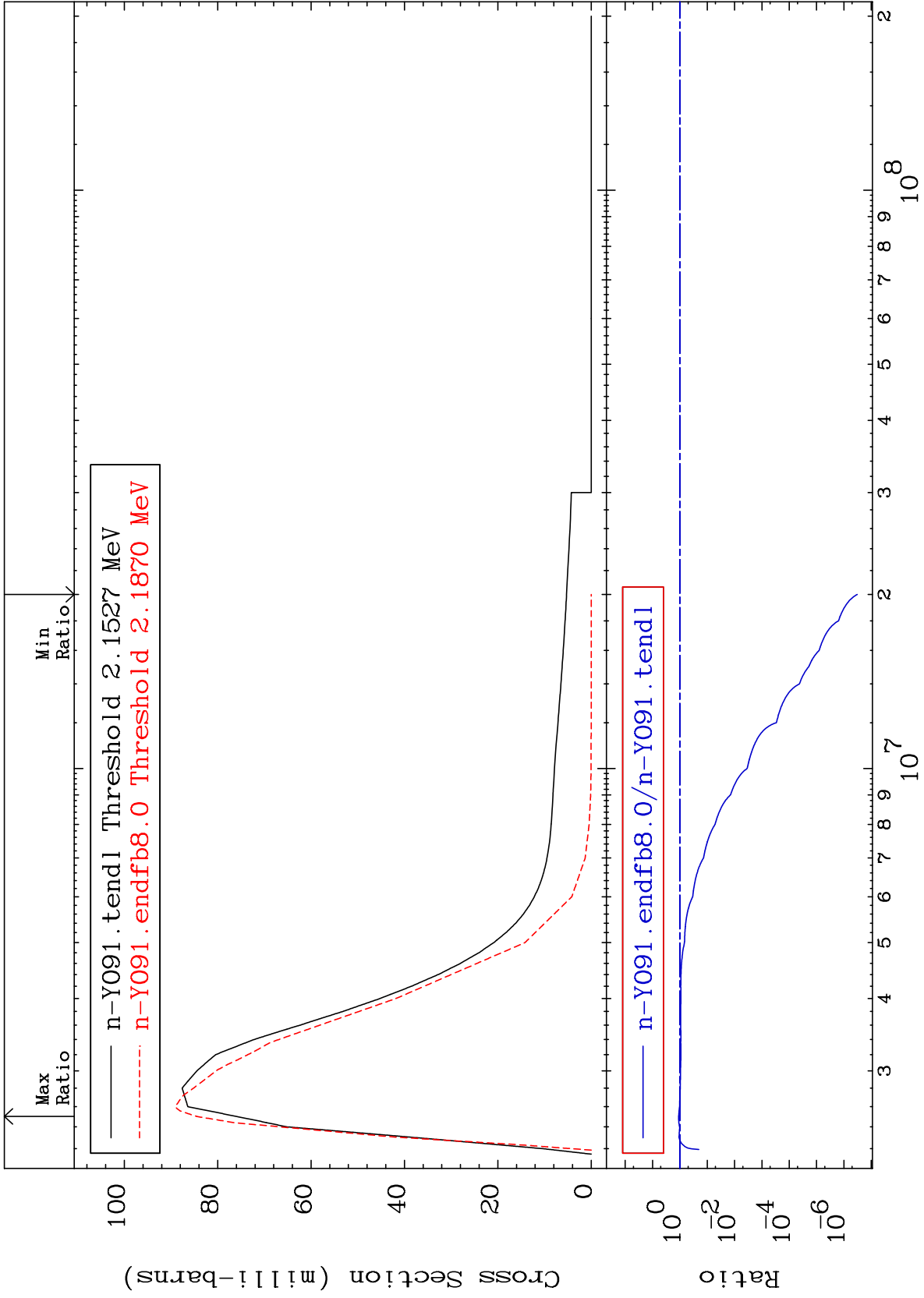
Incident Energy (eV)

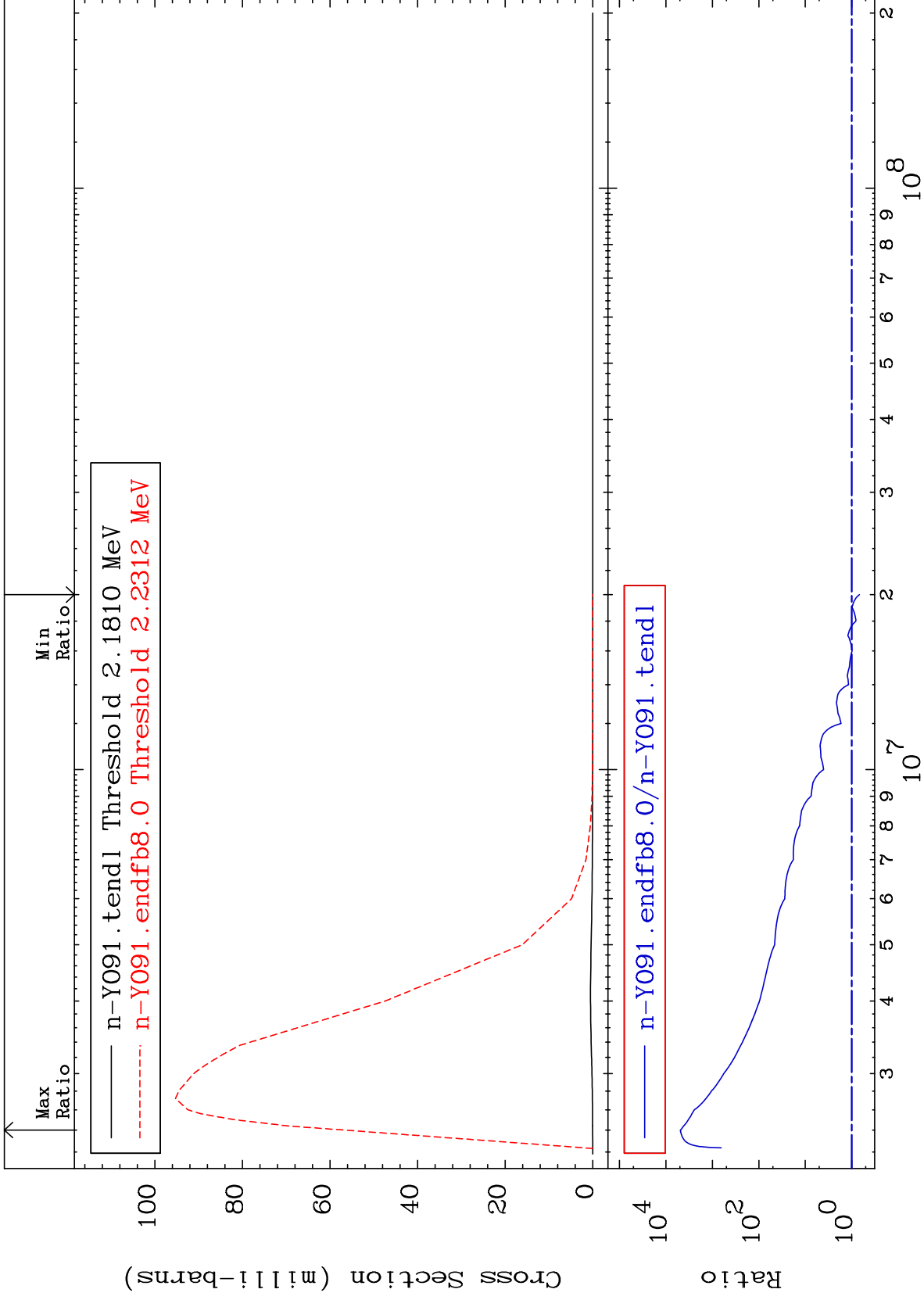
39-Y -91

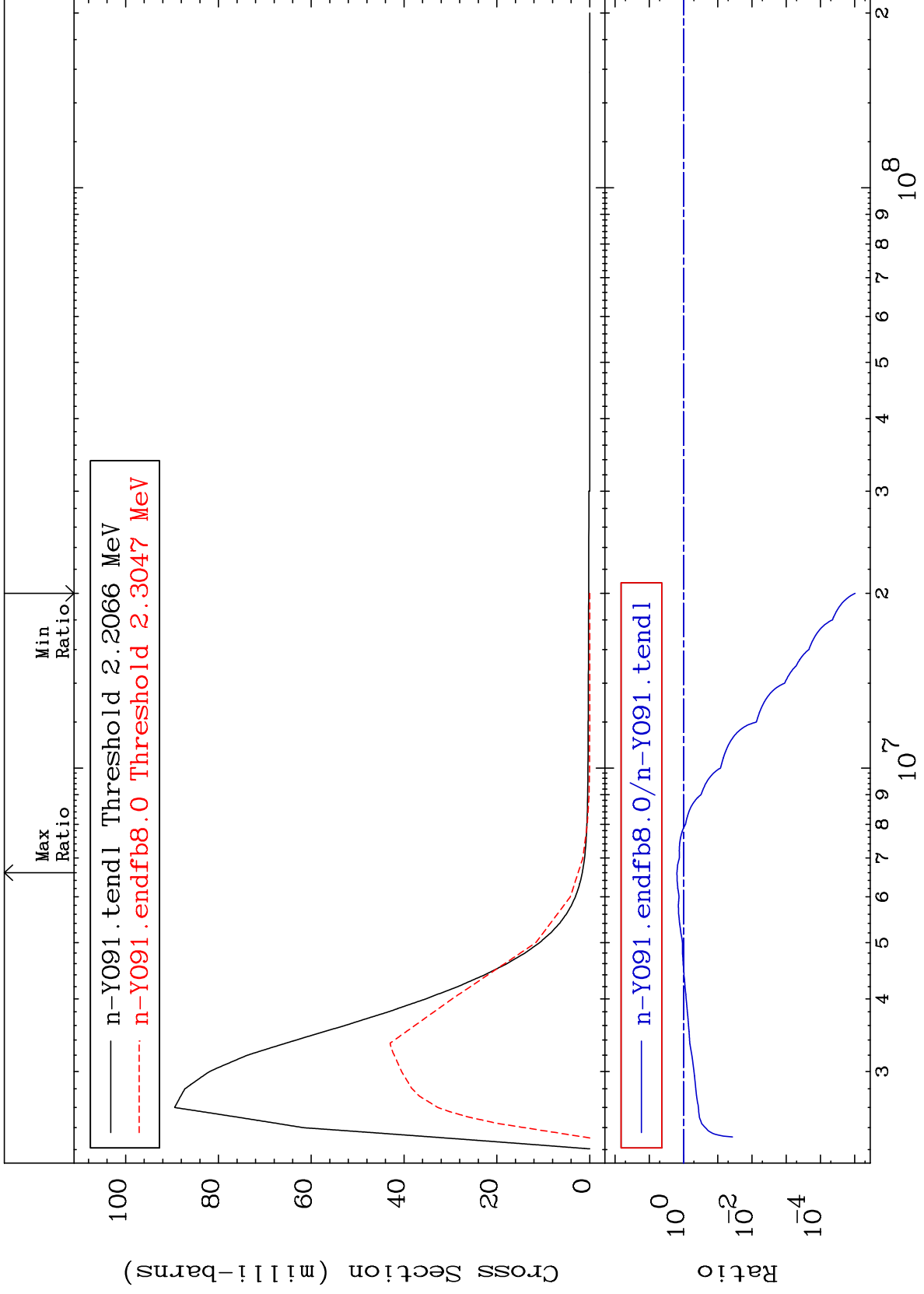
MAT 3931

MT= 63 (n,n') Level
Cross Section

39-Y -91
-100.0 To 11.23 %



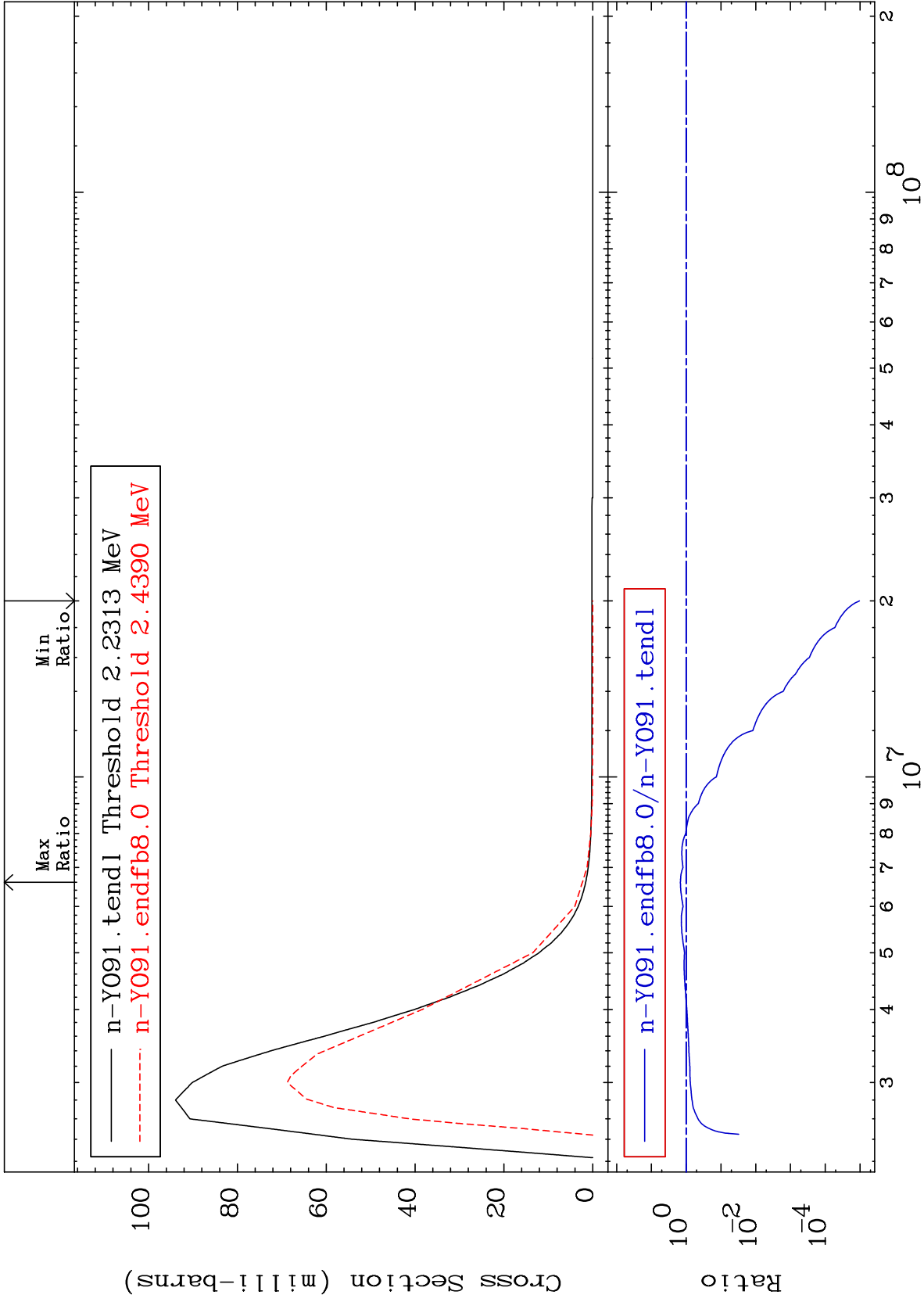




MAT 3931

MT= 66 (n,n') Level
Cross Section

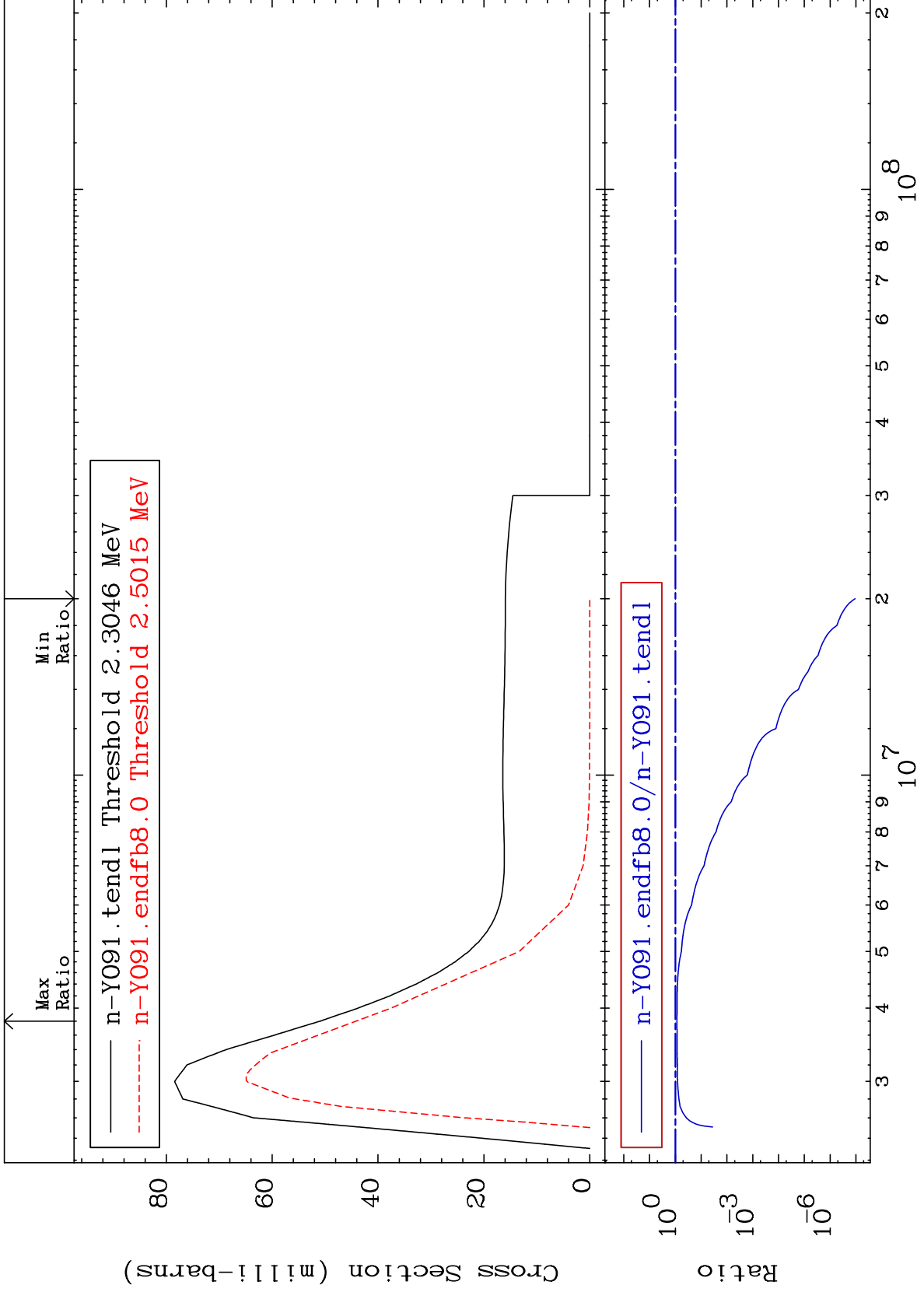
39-Y -91
-100.0 To 46.78 %

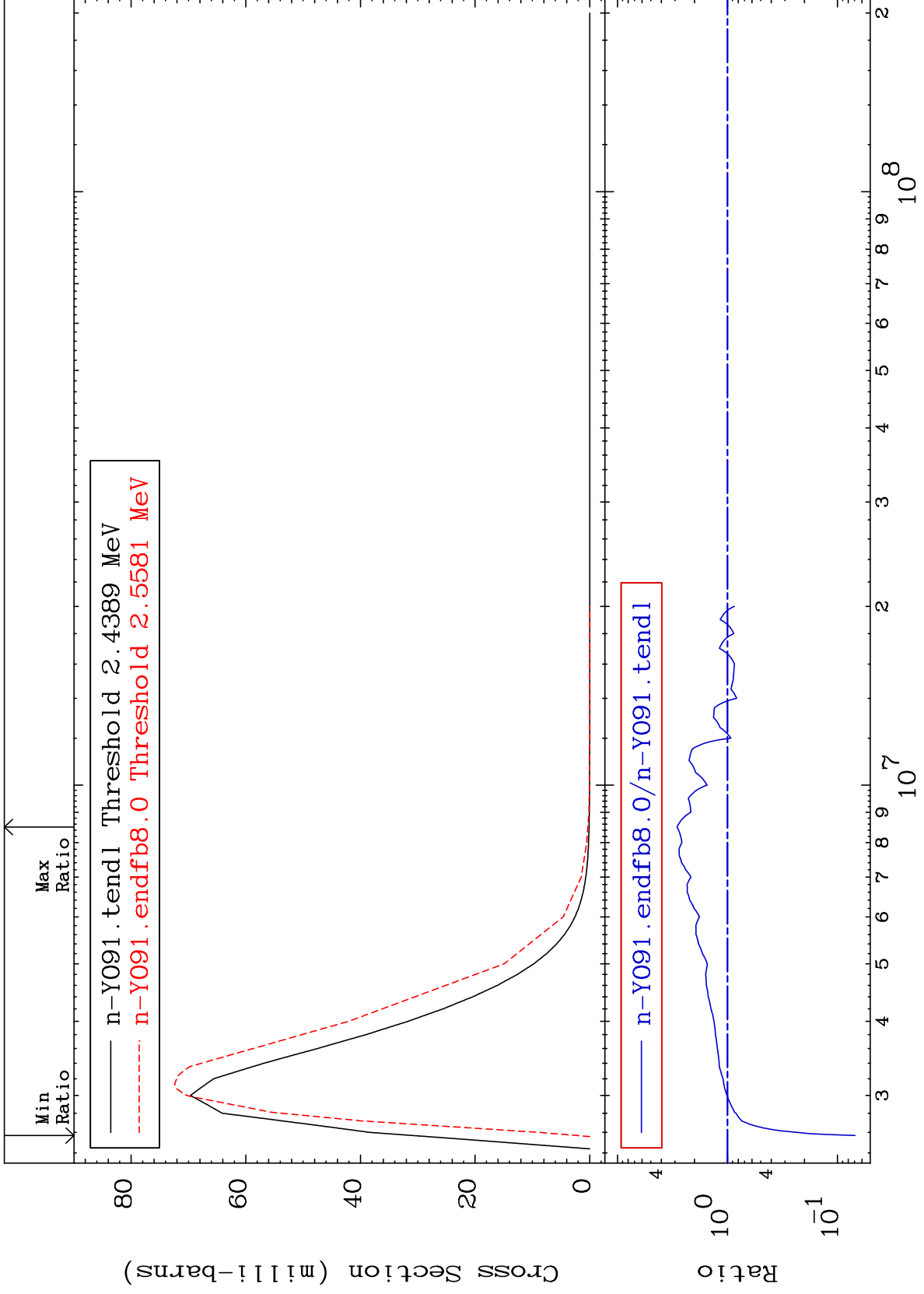


MAT 3931

MT= 67 (n,n') Level
Cross Section

39-Y -91
-100.0 To -13.30%

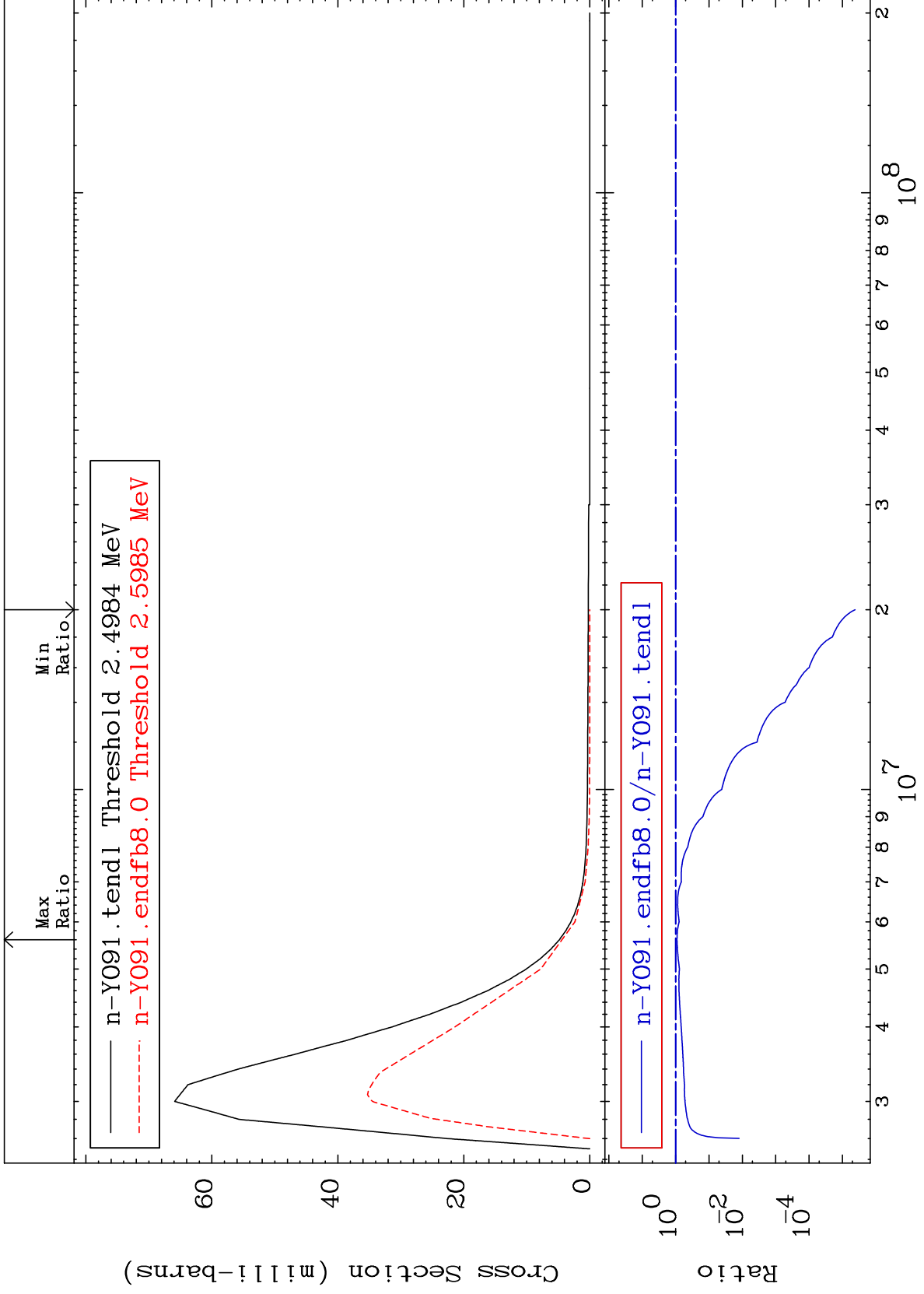


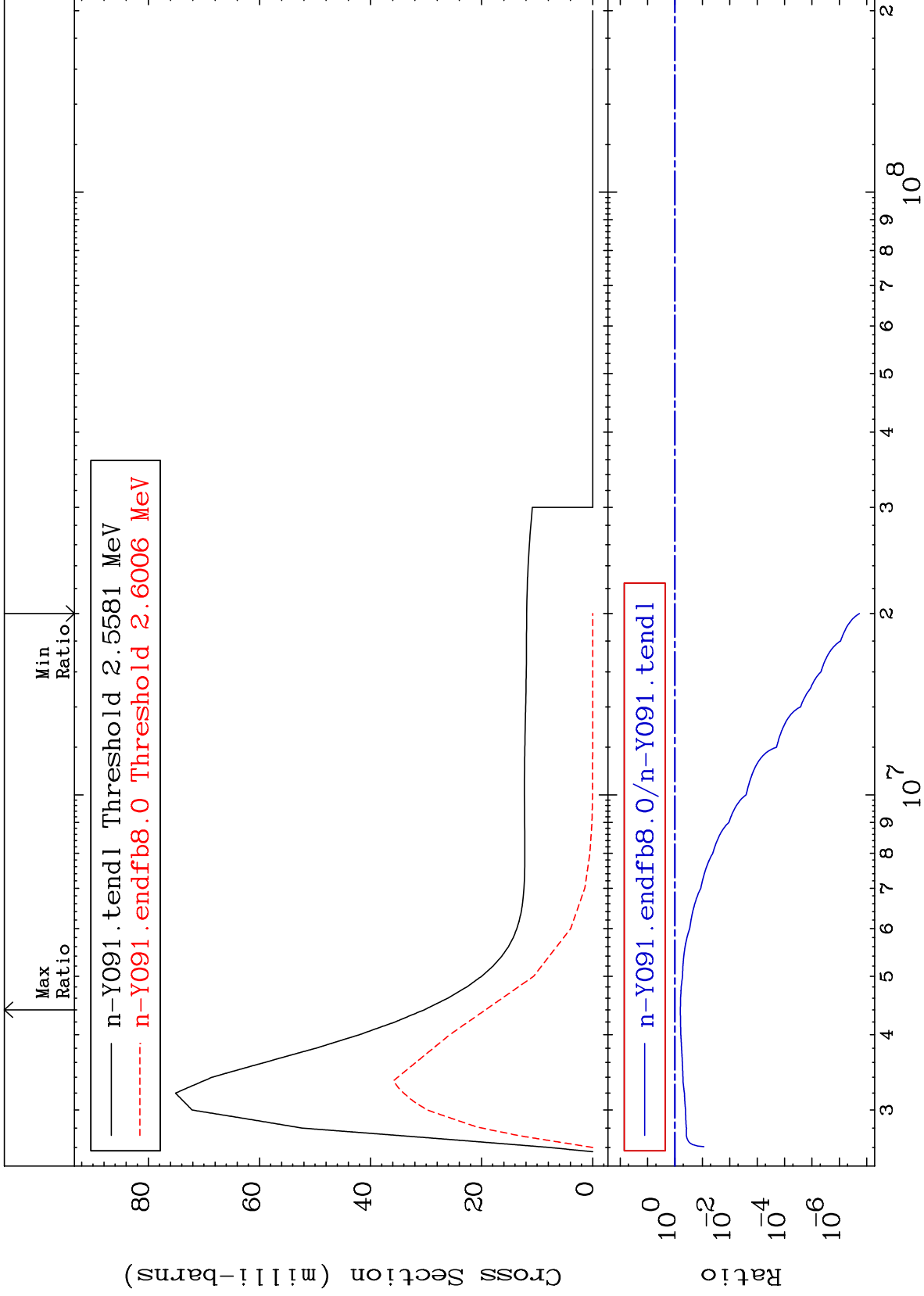


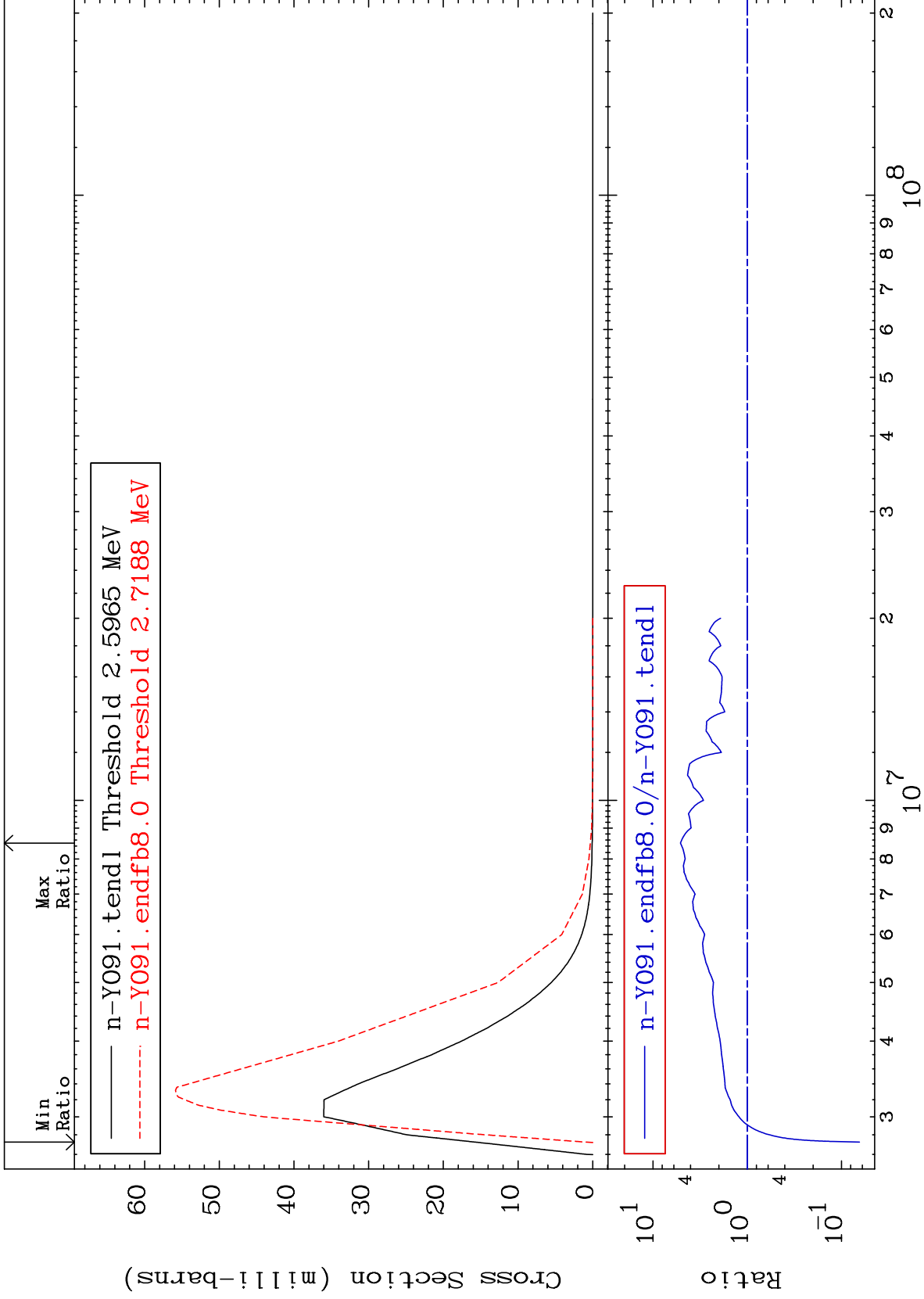
MAT 3931

MT= 69 (n,n') Level
Cross Section

39-Y -91
-100.0 To -8.539%



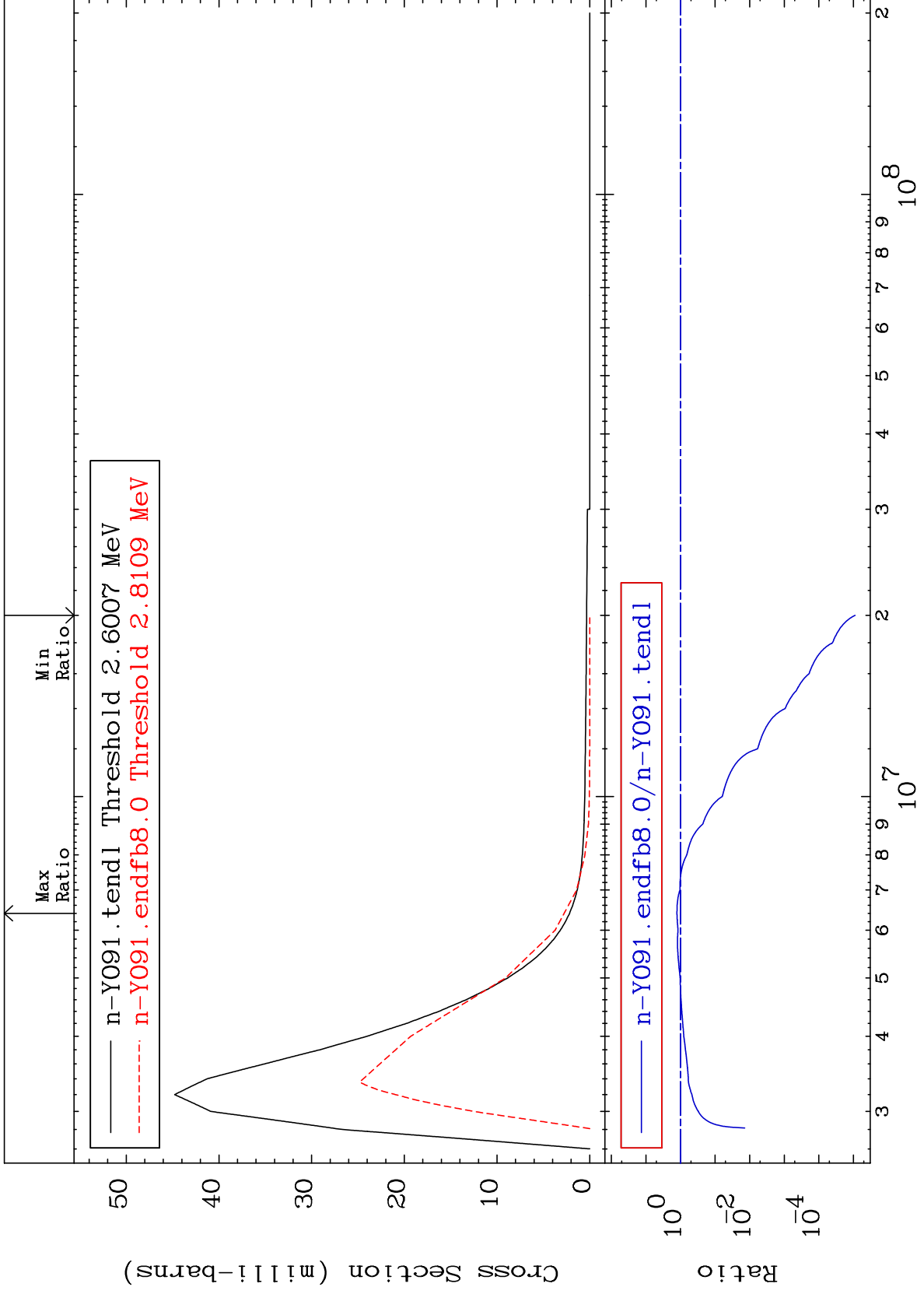




MAT 3931

MT= 72 (n,n') Level
Cross Section

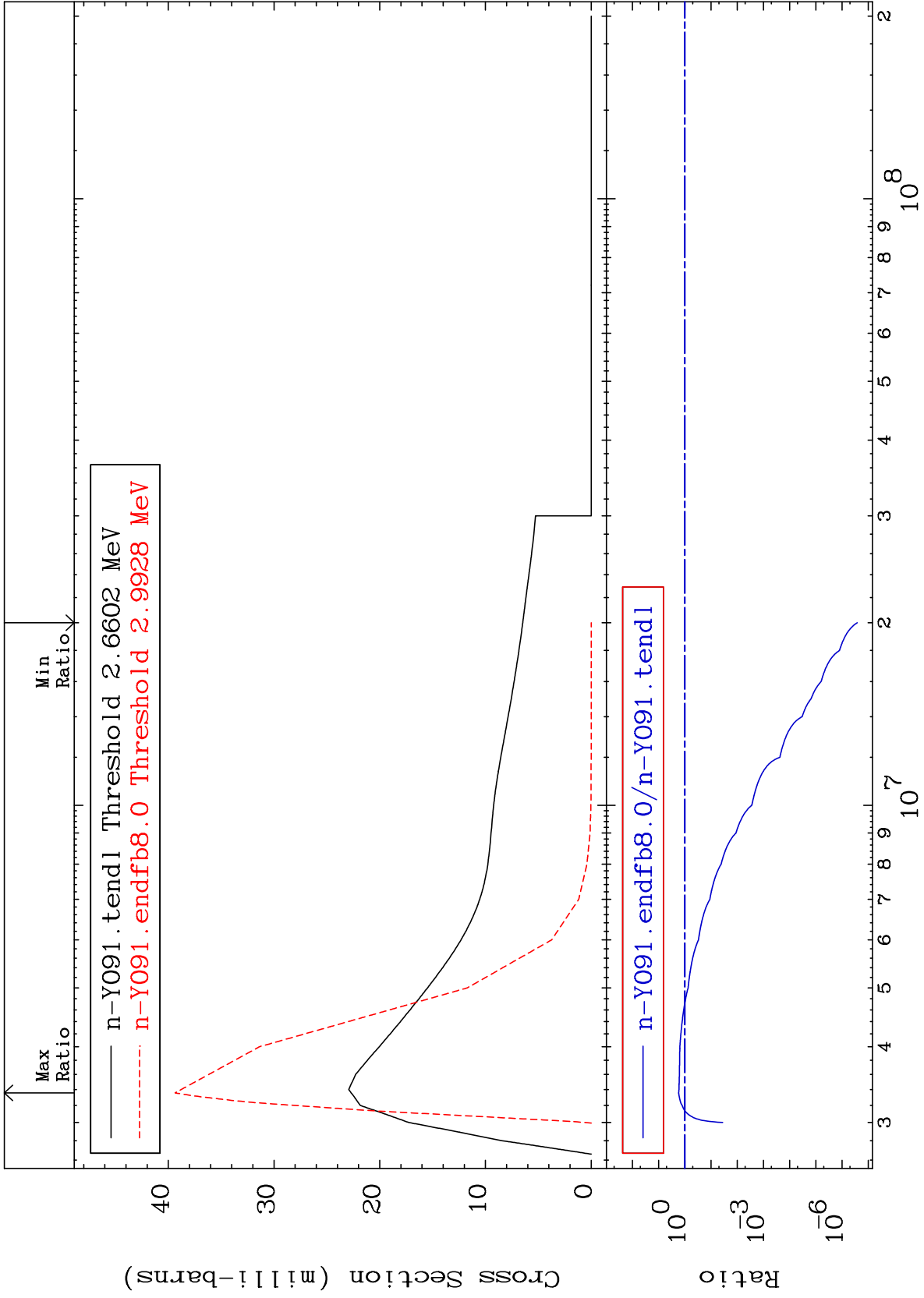
39-Y -91
-100.0 To 26.78 %



MAT 3931

MT= 73 (n,n') Level
Cross Section

39-Y -91
-100.0 To 73.41 %



32

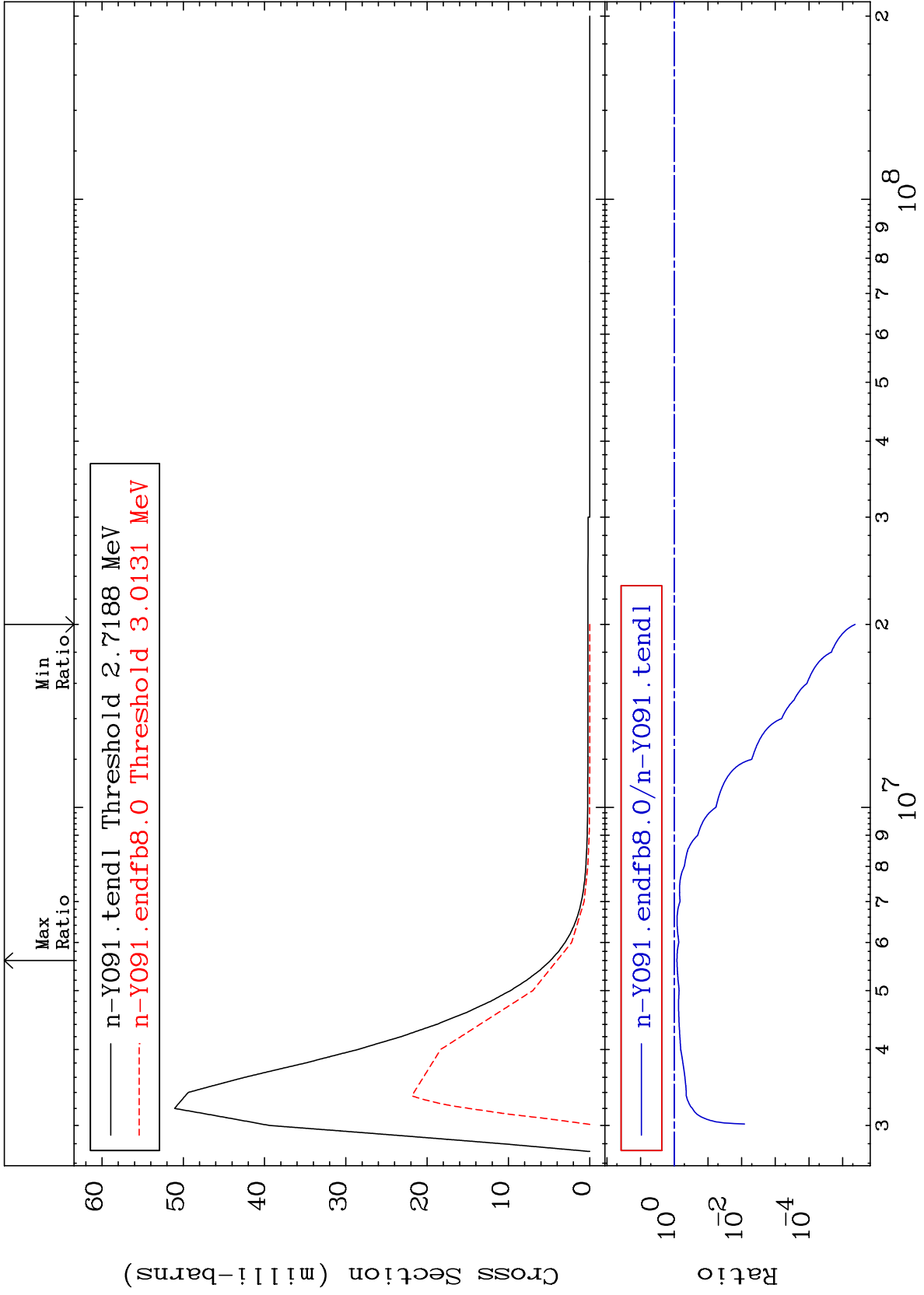
Incident Energy (eV)

39-Y -91

MAT 3931

MT= 74 (n,n') Level
Cross Section

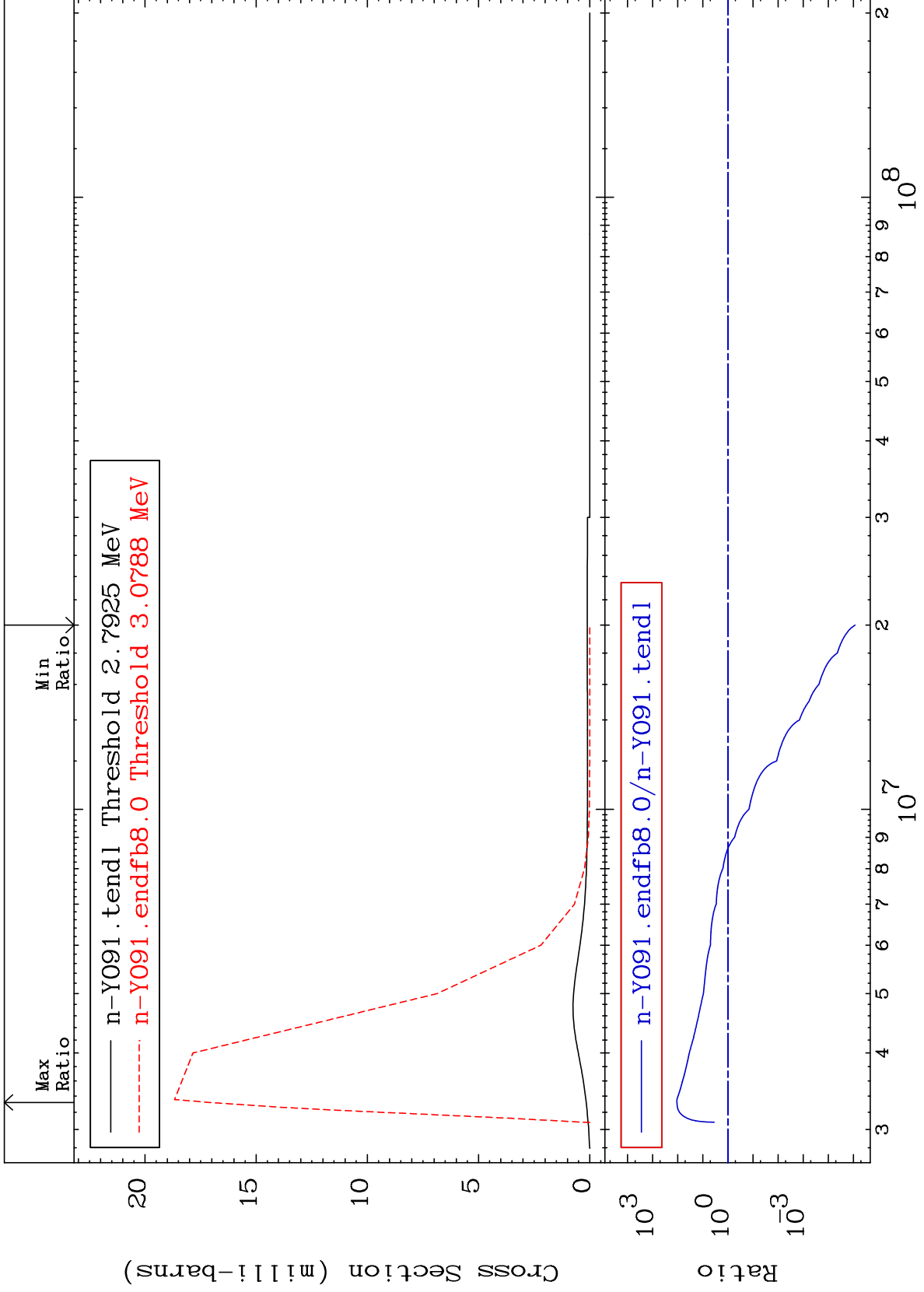
39-Y -91
-100.0 To -16.80%



MAT 3931

MT= 75 (n,n') Level
Cross Section

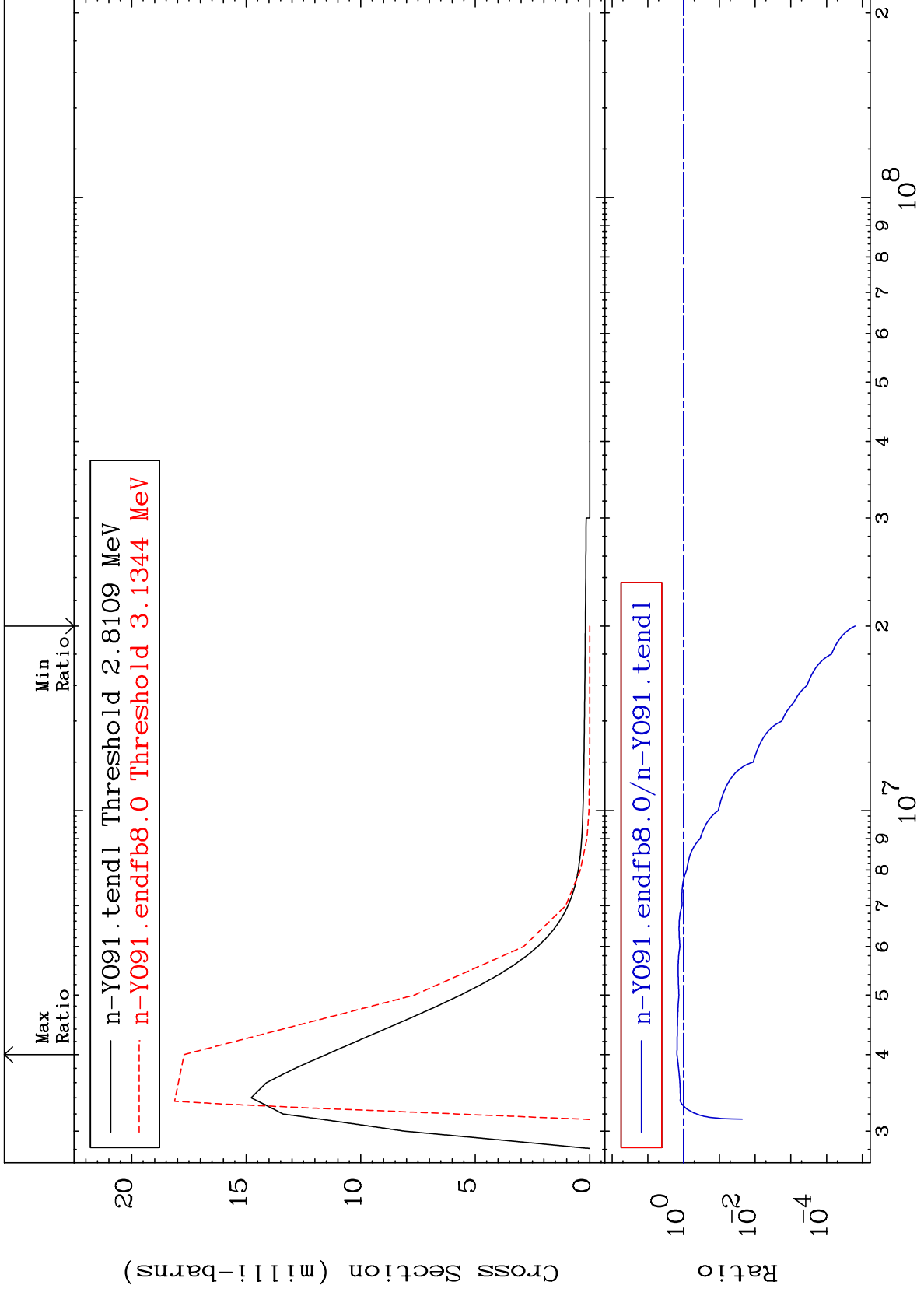
39-Y -91
-100.0 To 9999. %



MAT 3931

MT= 76 (n,n') Level
Cross Section

39-Y -91
-100.0 To 53.94 %



35

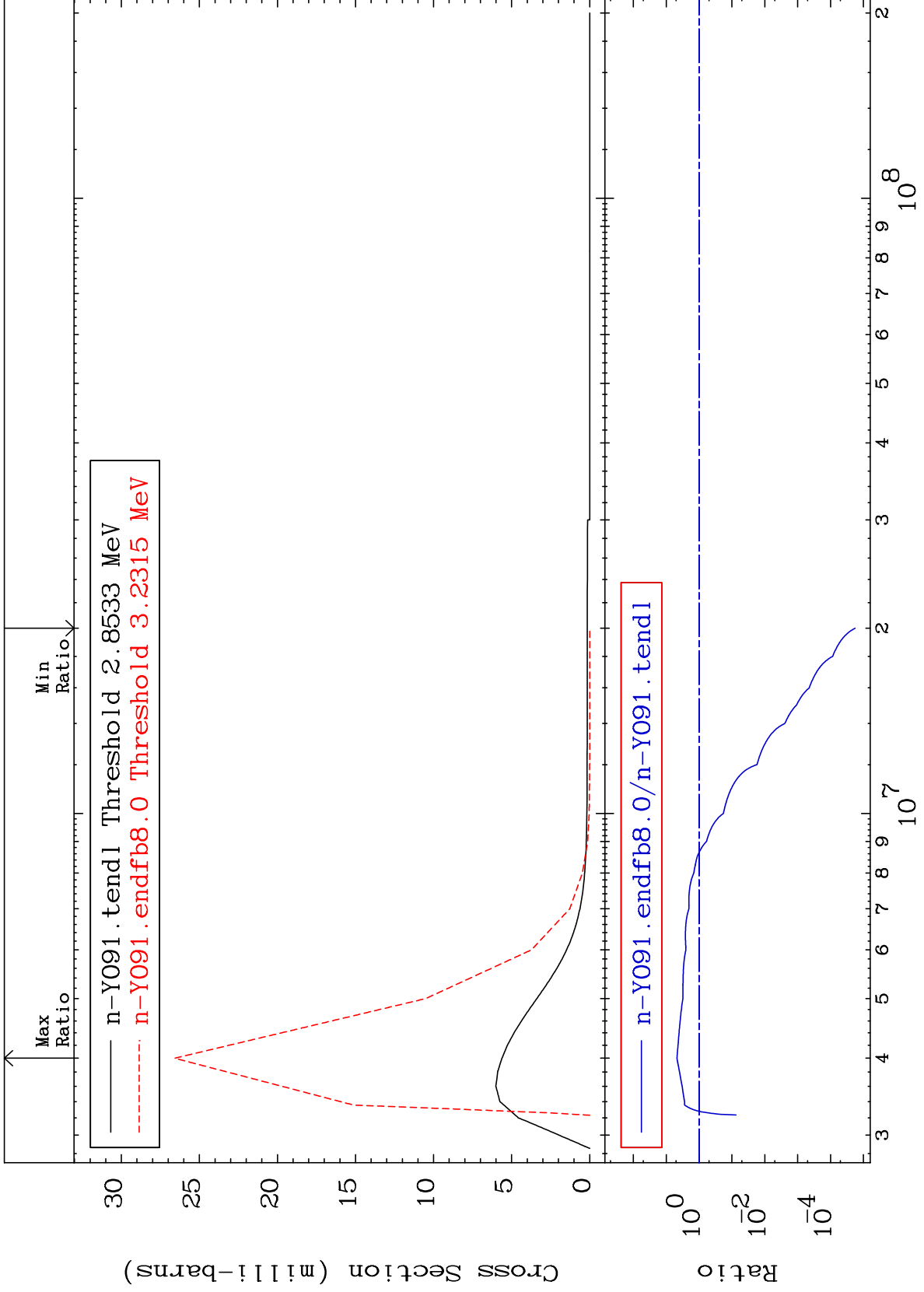
Incident Energy (eV)

39-Y -91

MAT 3931

MT= 77 (n,n') Level
Cross Section

39-Y -91
-100.0 To 372.8 %



36

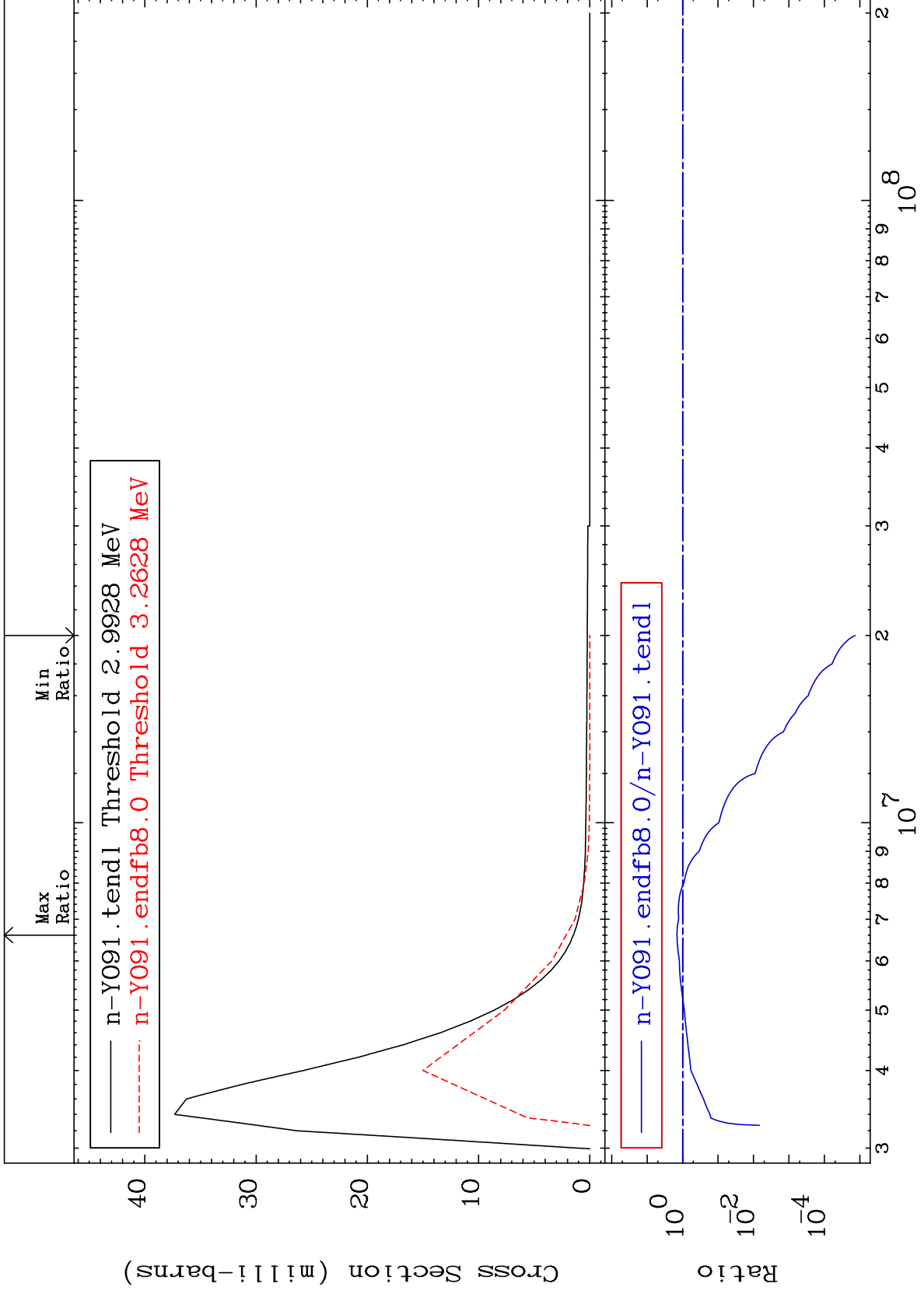
Incident Energy (eV)

39-Y -91

MAT 3931

MT= 78 (n,n') Level
Cross Section

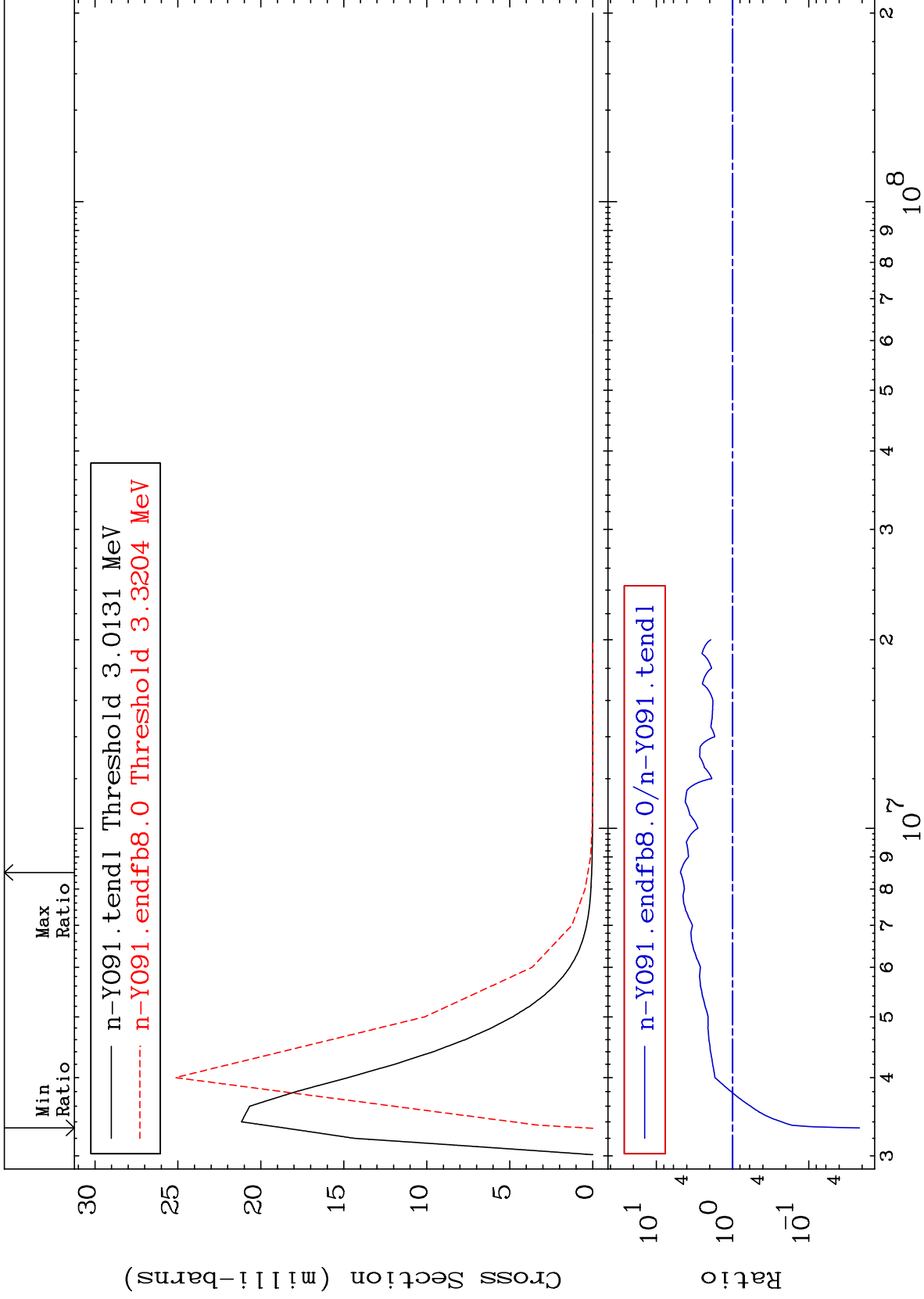
39-Y -91
-100.0 To 44.46 %

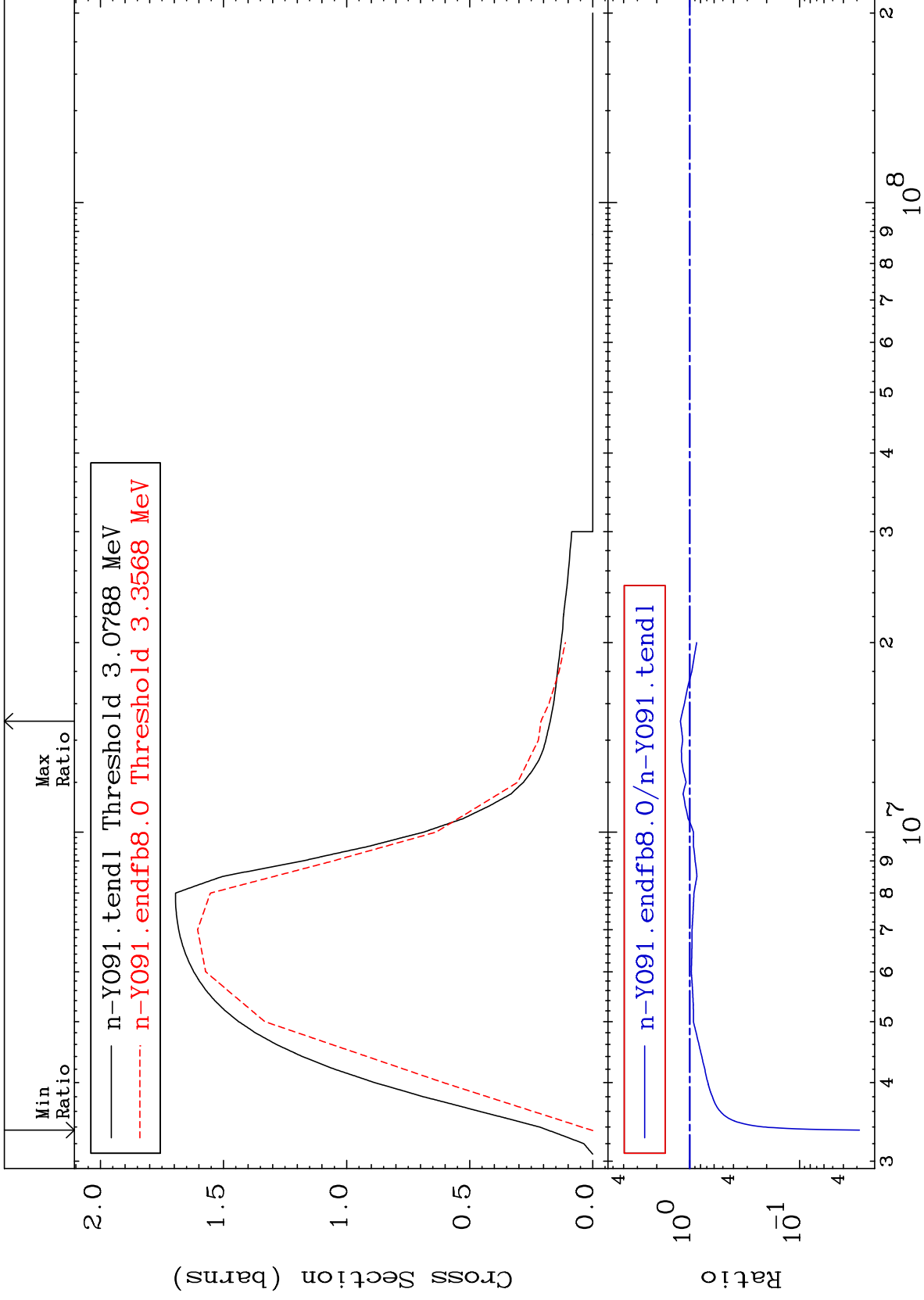


37

Incident Energy (eV)

39-Y -91

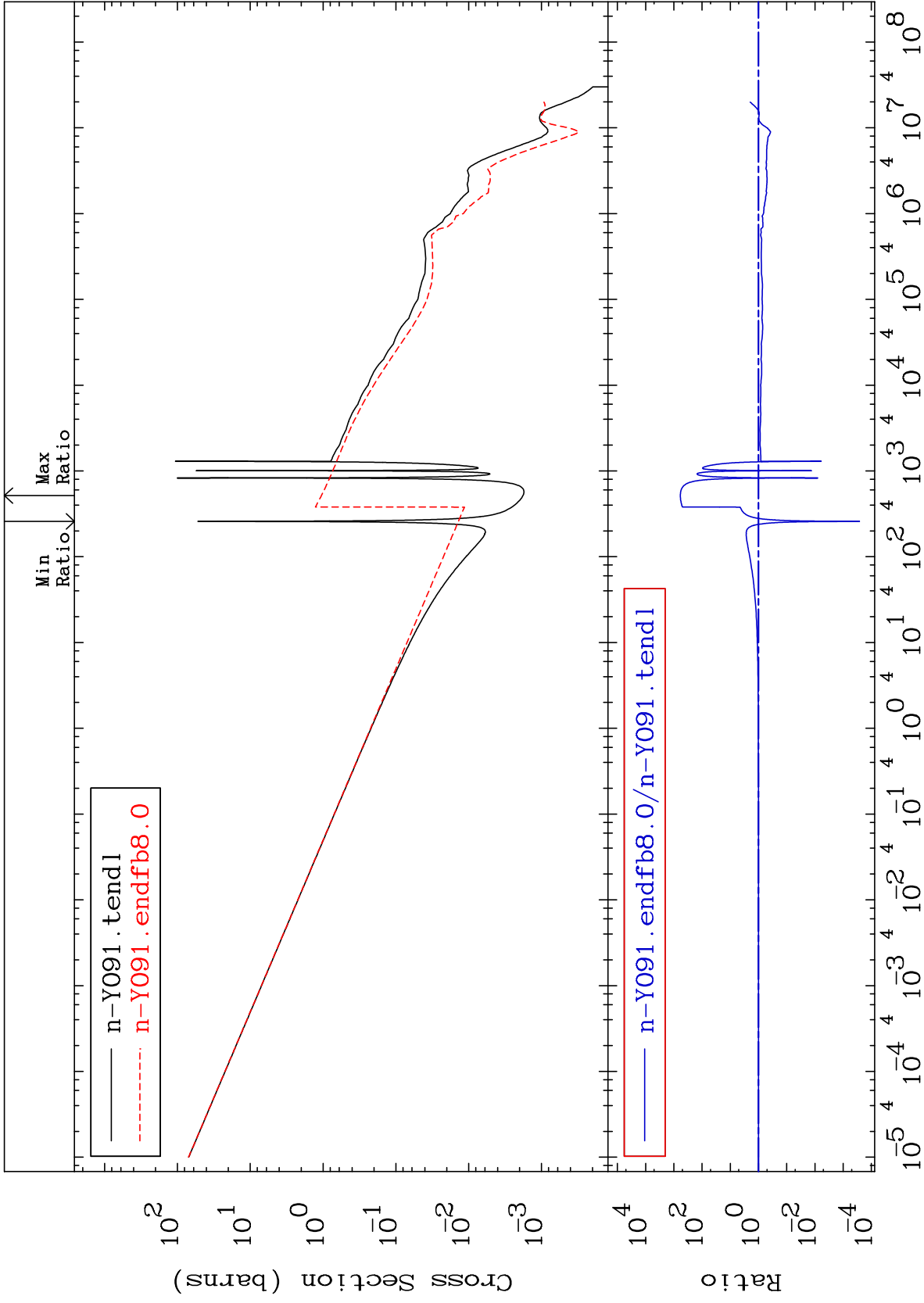




MAT 3931

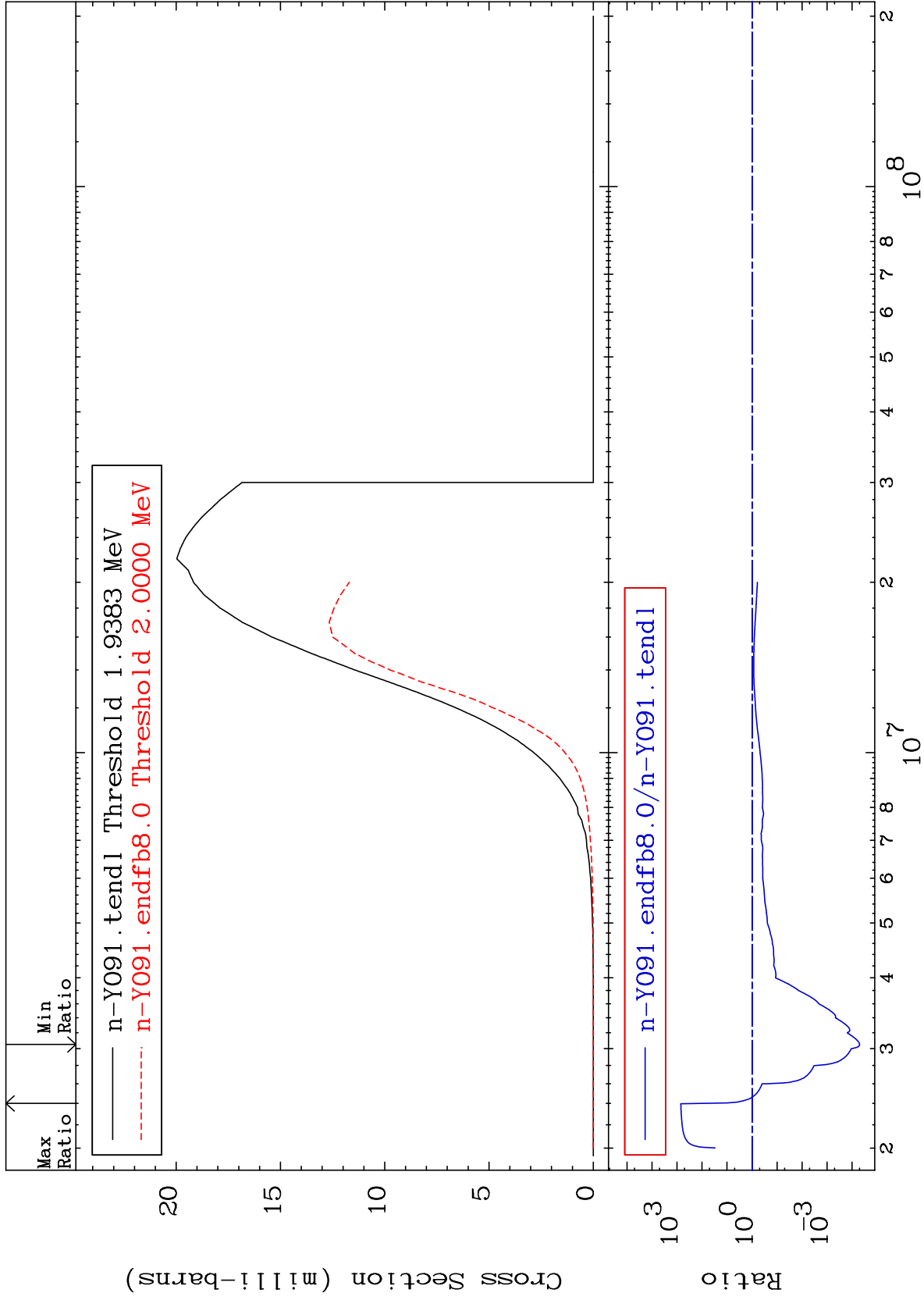
(n, γ)
Cross Section

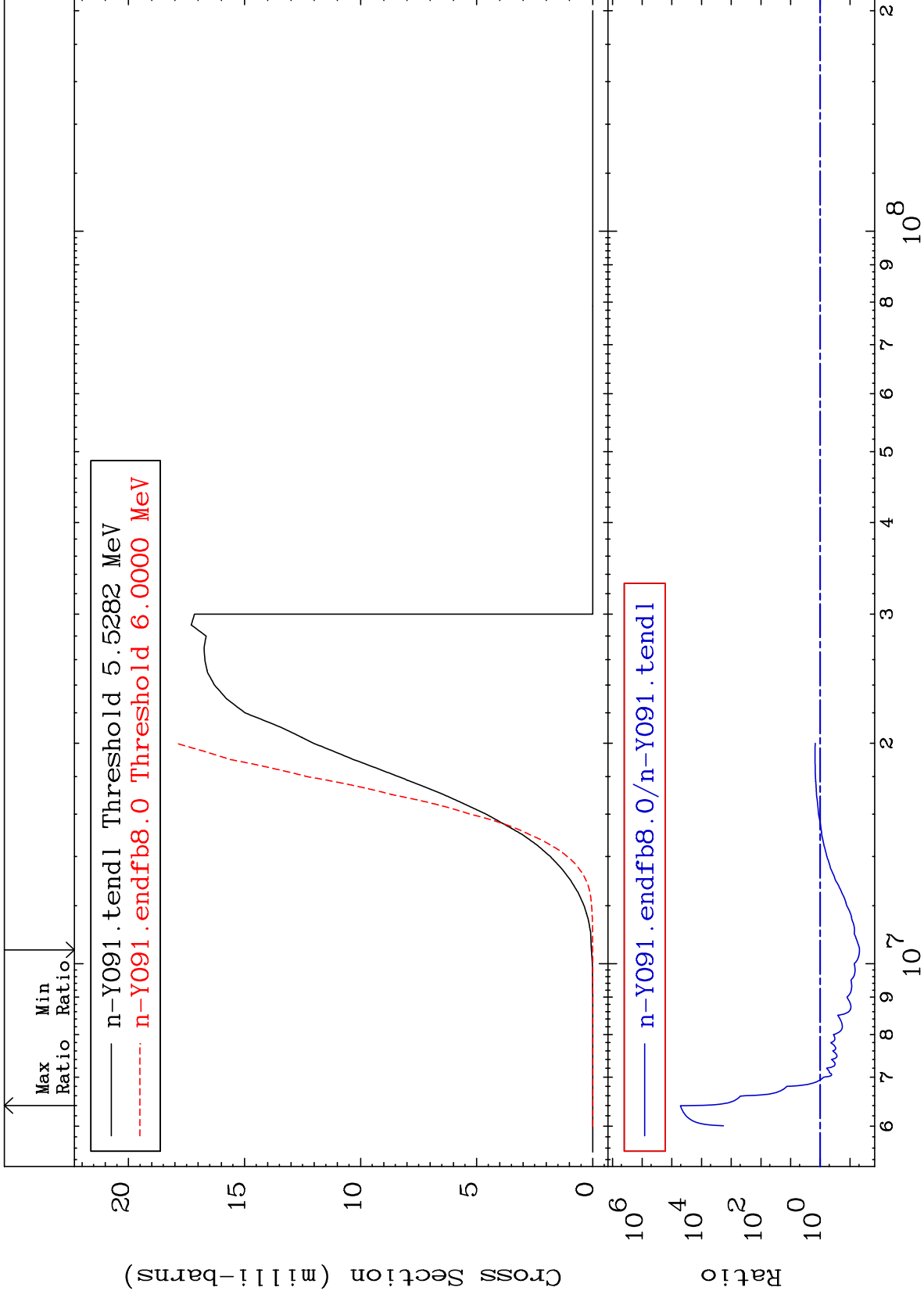
39-Y -91
-99.97 To 9999. %



40

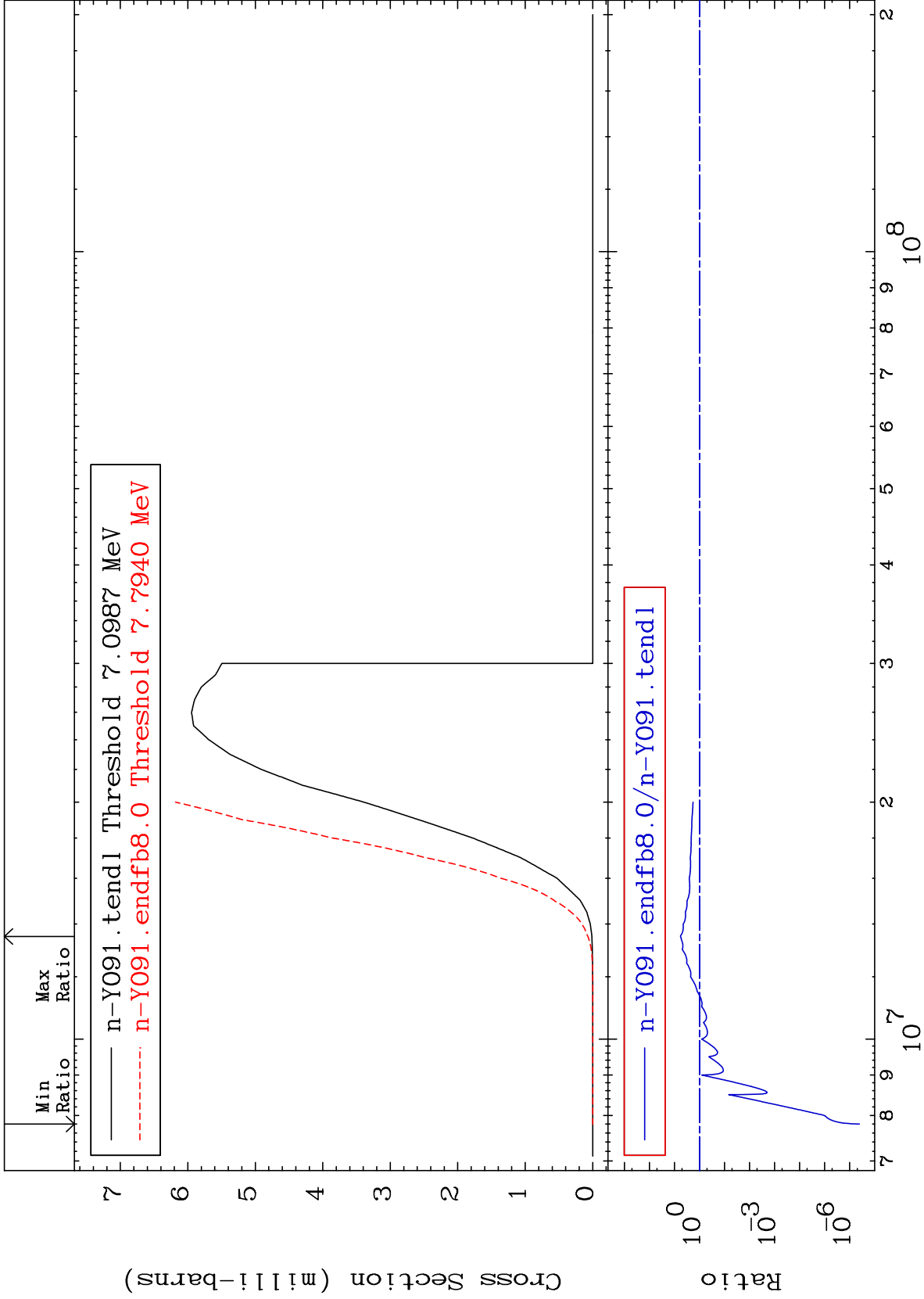
39-Y -91

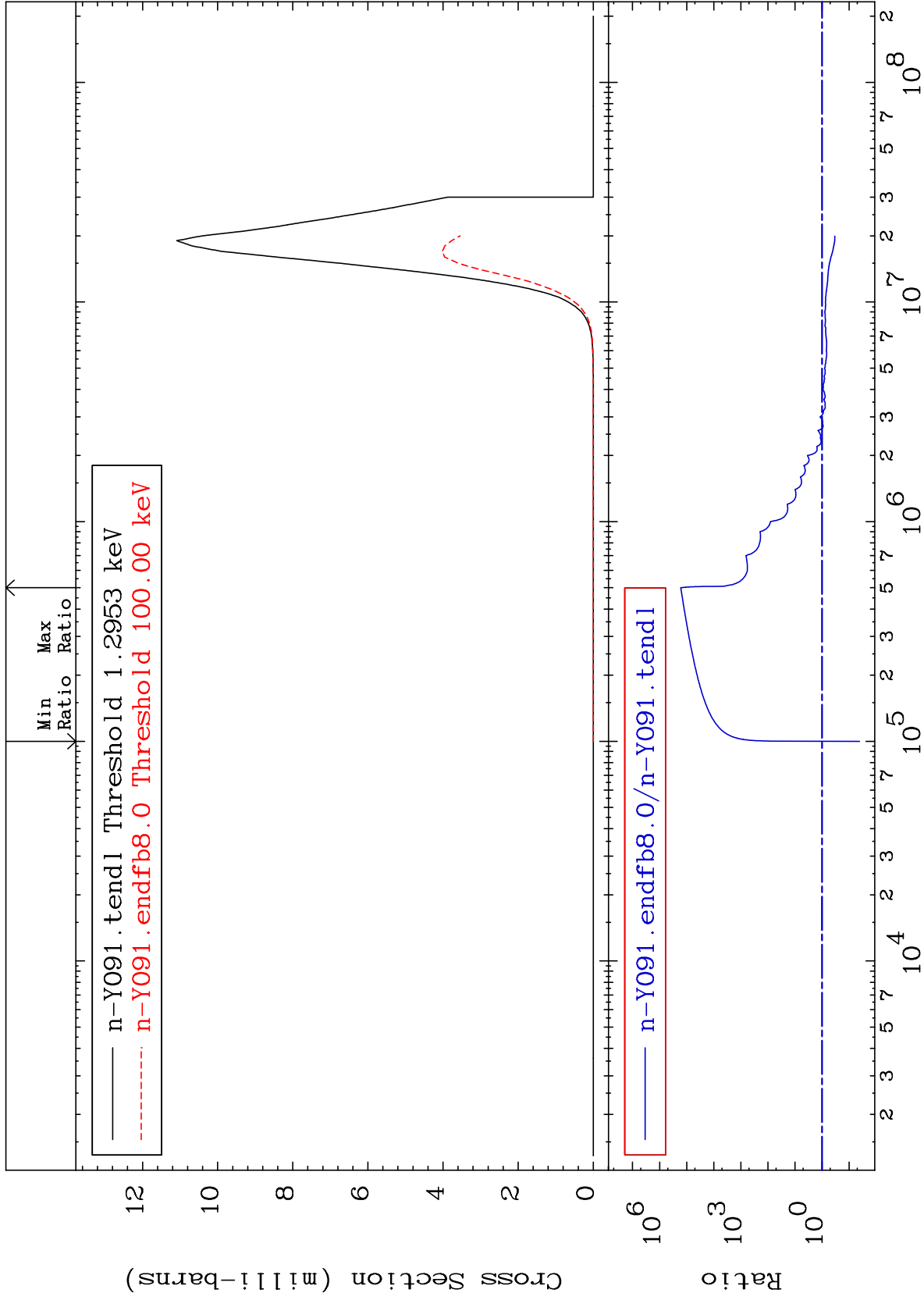


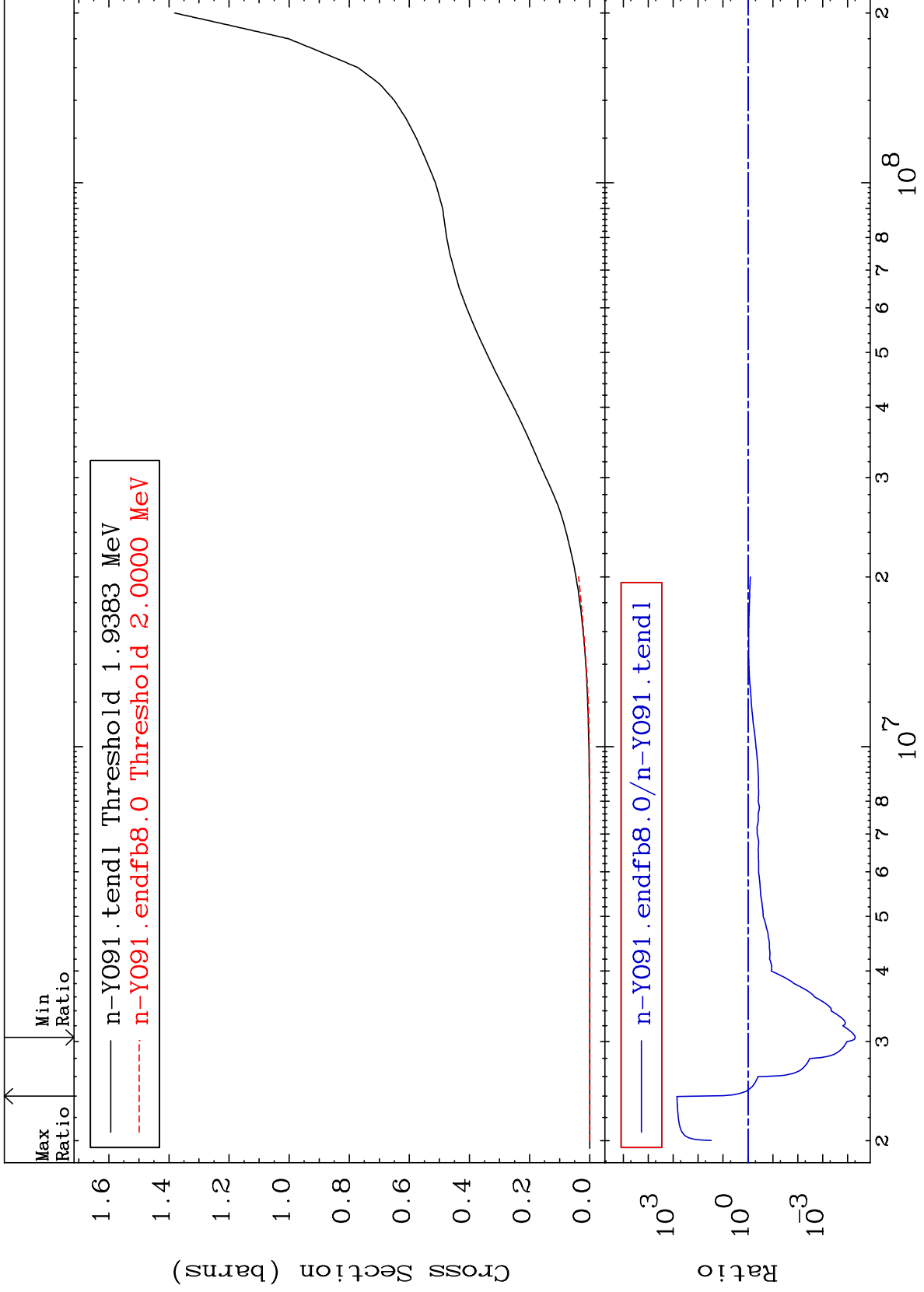


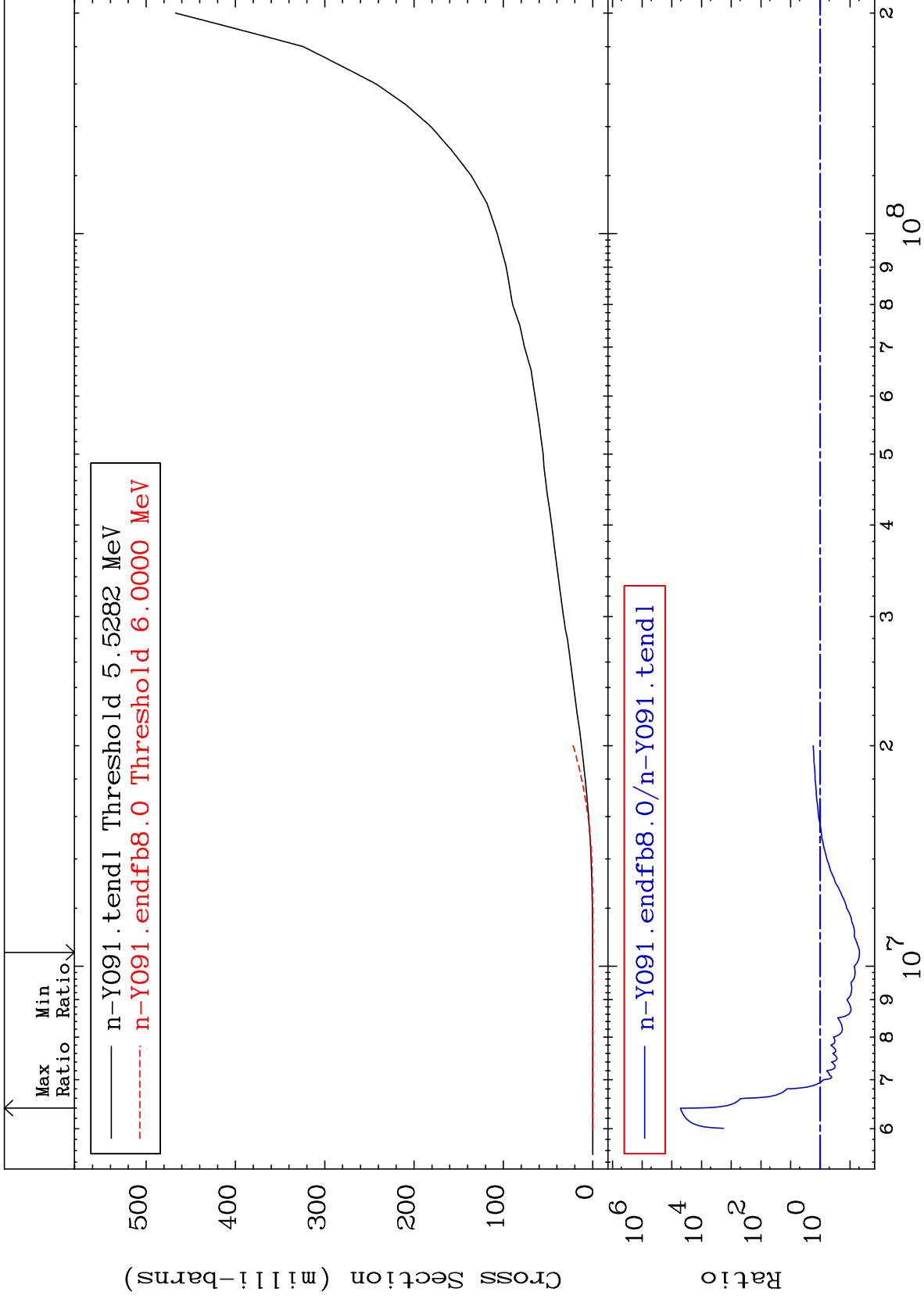
Cross Section

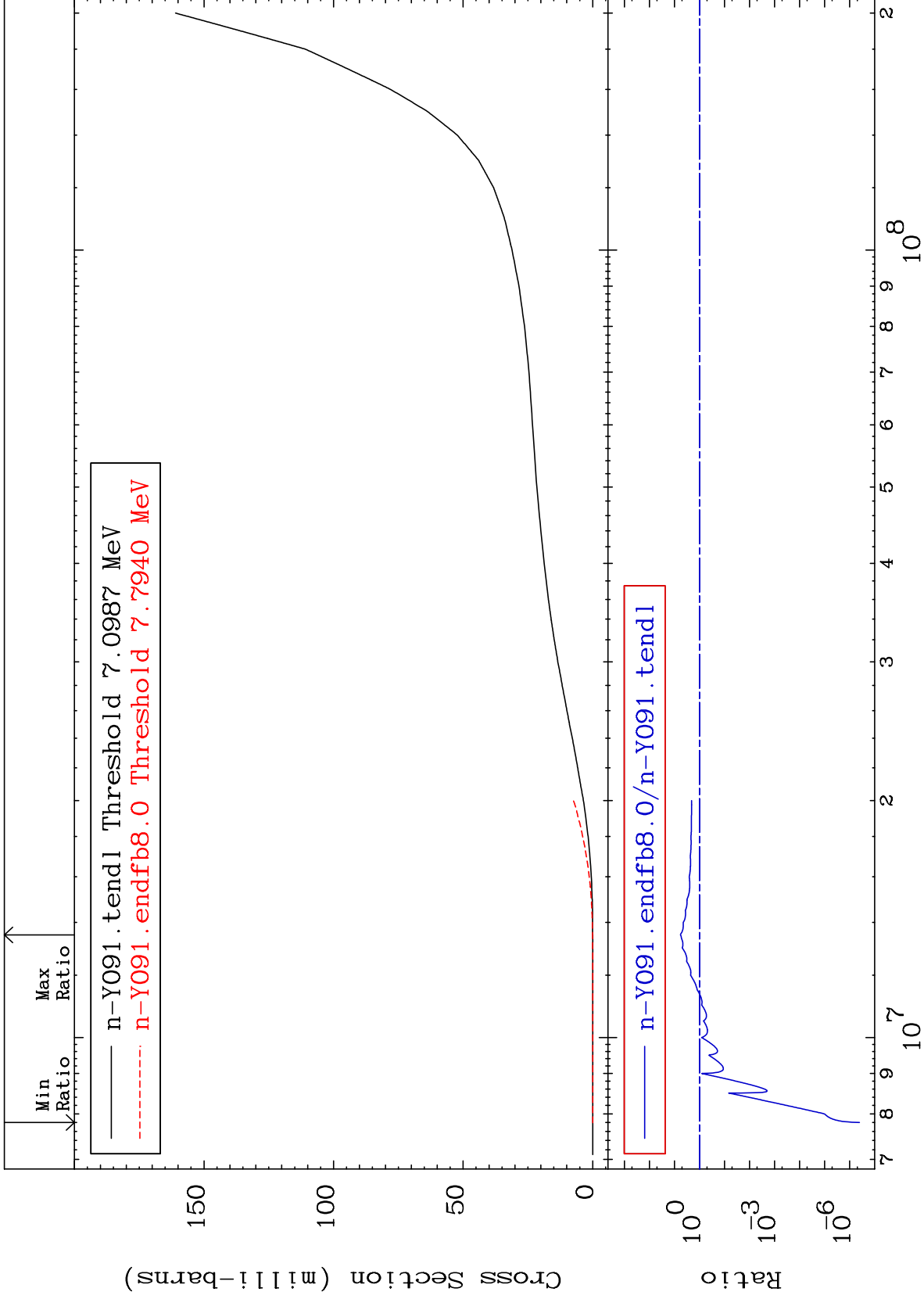
-100.0 To 481.1 %











MAT 3931

He-4 Production
Cross Section

39-Y -91
-95.87 To 9999. %

