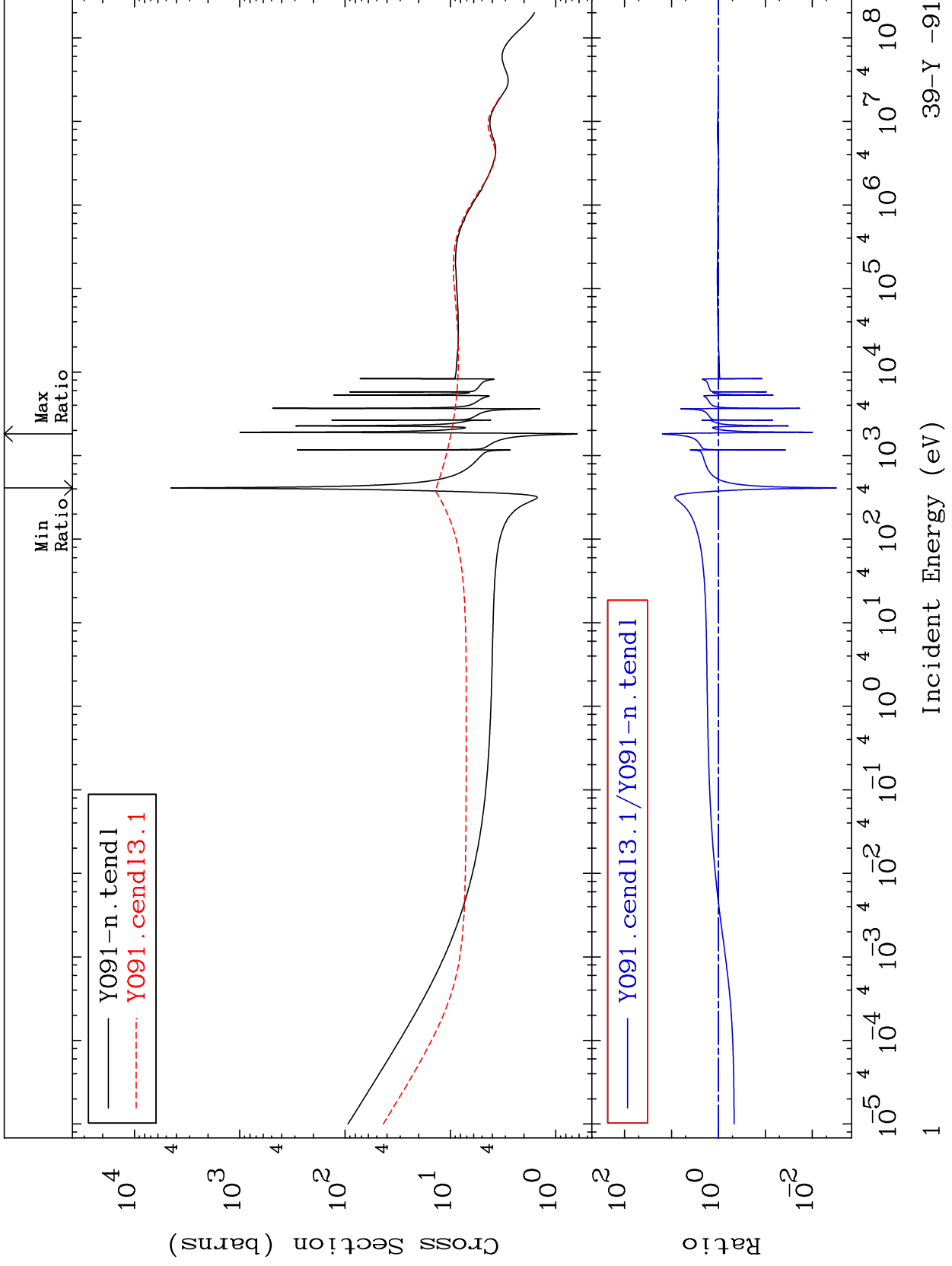


MAT 3931

Total
Cross Section

39-Y -91
-99.70 To 1471. %



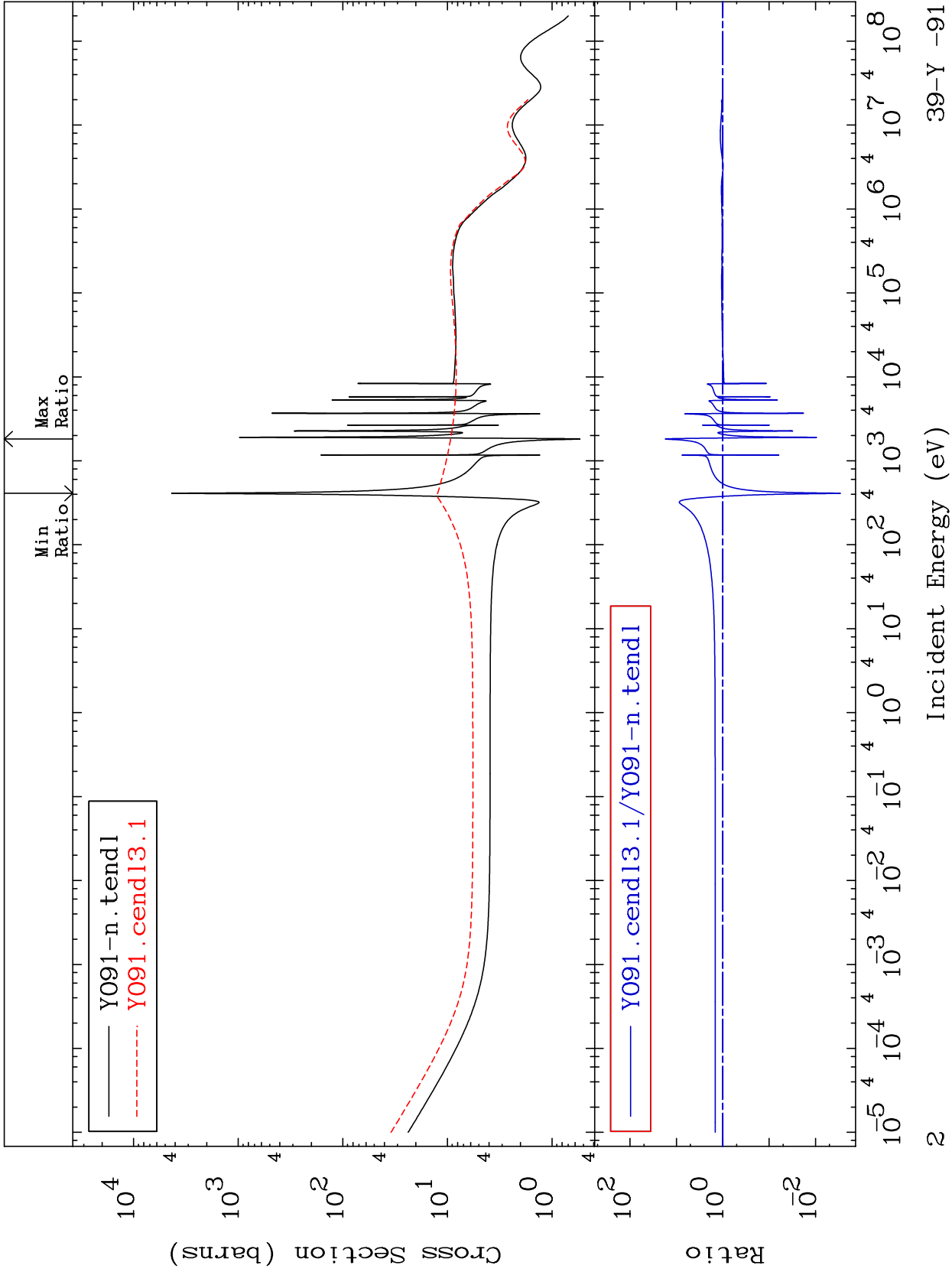
39-Y -91

Incident Energy (eV)

MAT 3931

Elastic
Cross Section

39-Y -91
-99.71 To 1616. %



39-Y -91

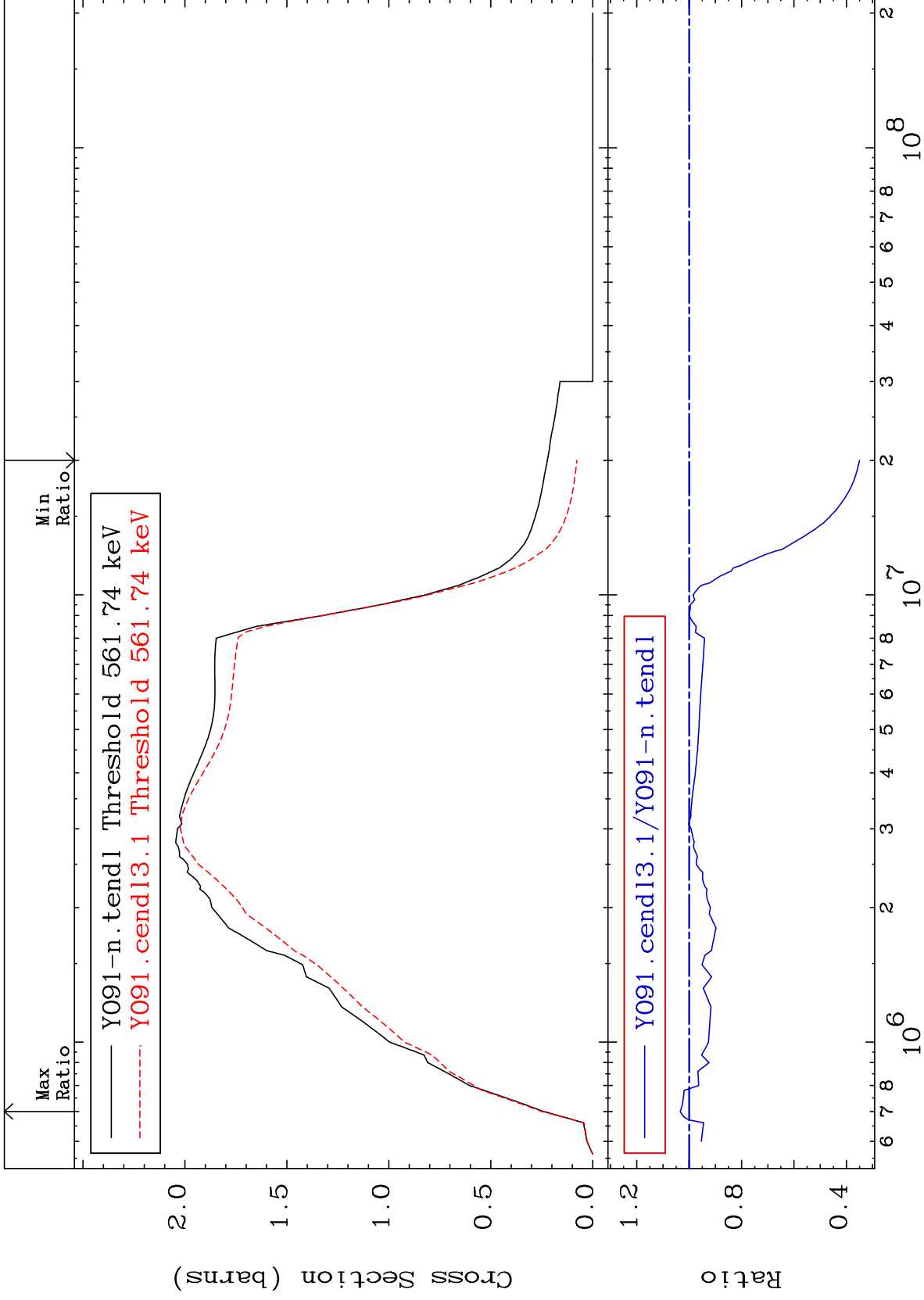
Incident Energy (eV)

2

MAT 3931

Inelastic
Cross Section

39-Y -91
-64.96 To 3.362 %



3

Incident Energy (eV)

39-Y -91

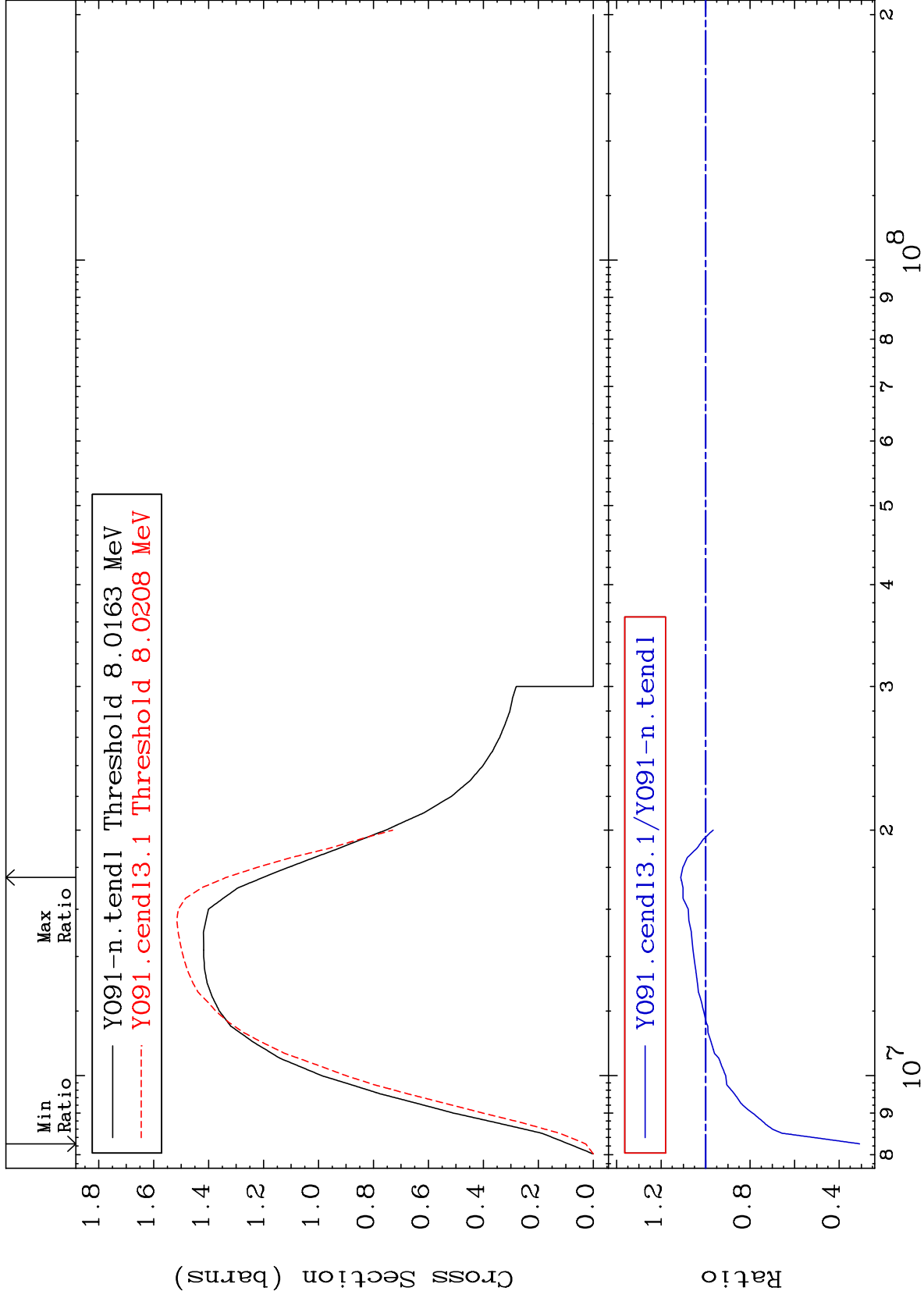
MAT 3931

(n,2n)

39-Y -91

Cross Section

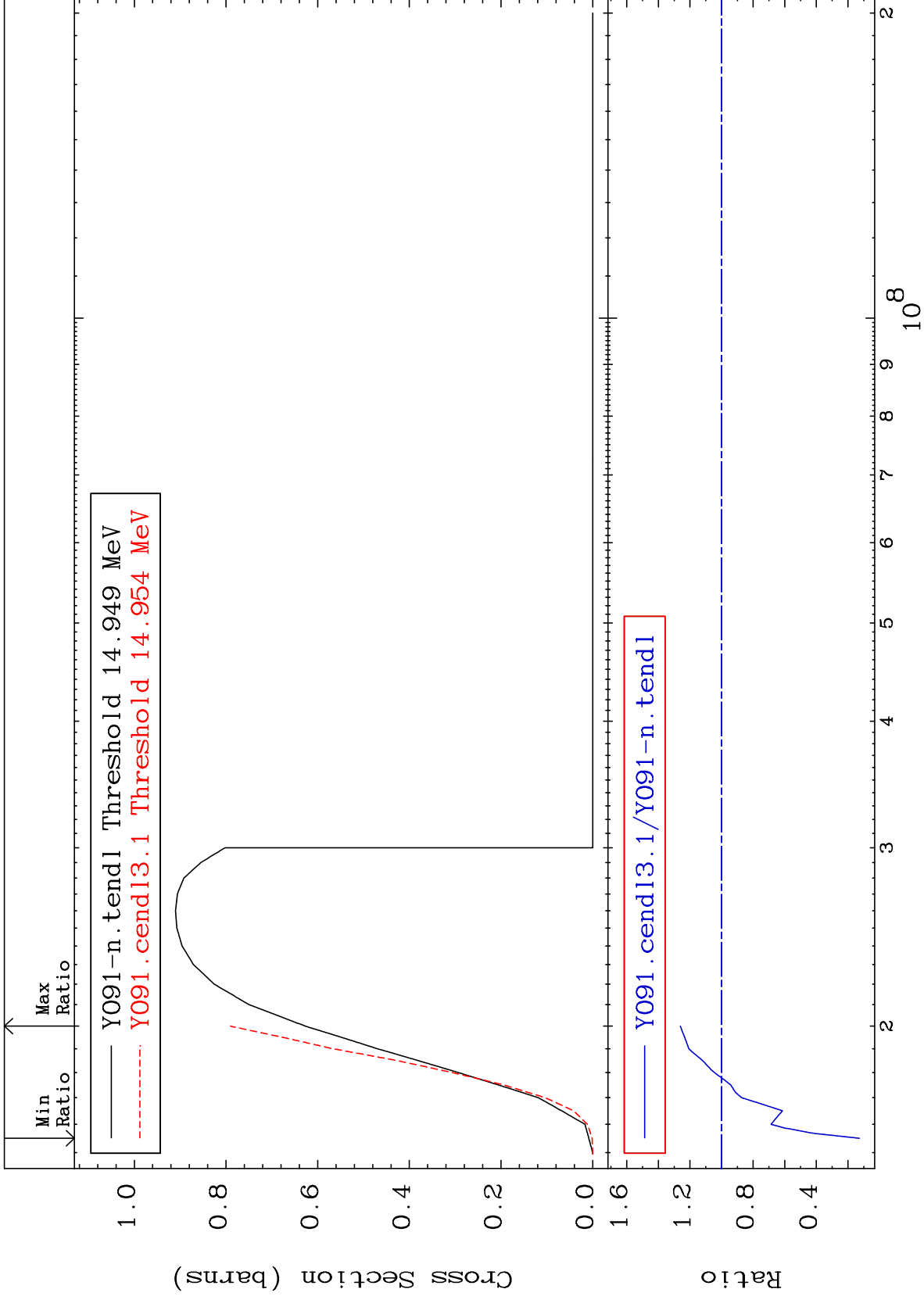
-69.19 To 11.18 %

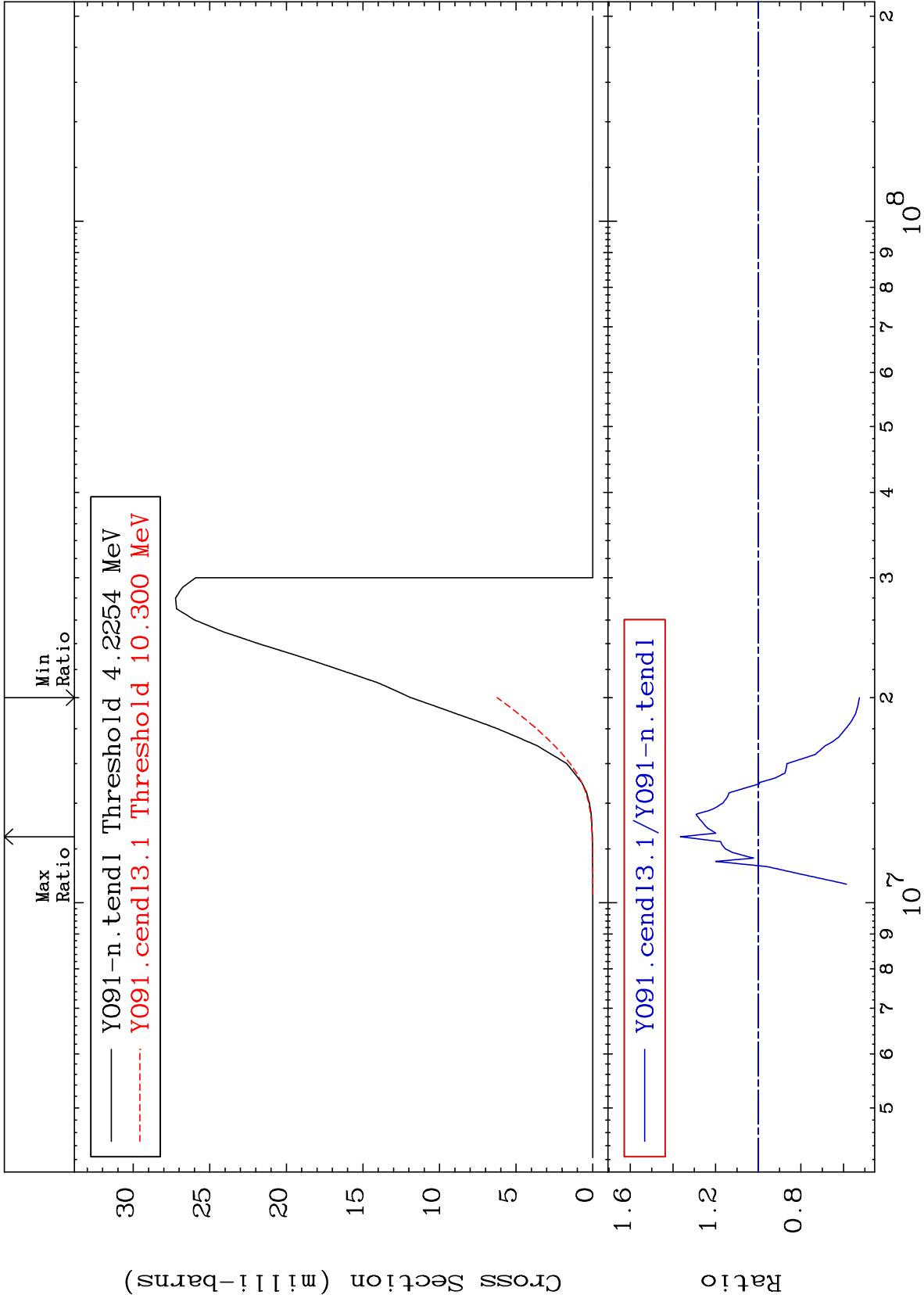


4

Incident Energy (eV)

39-Y -91

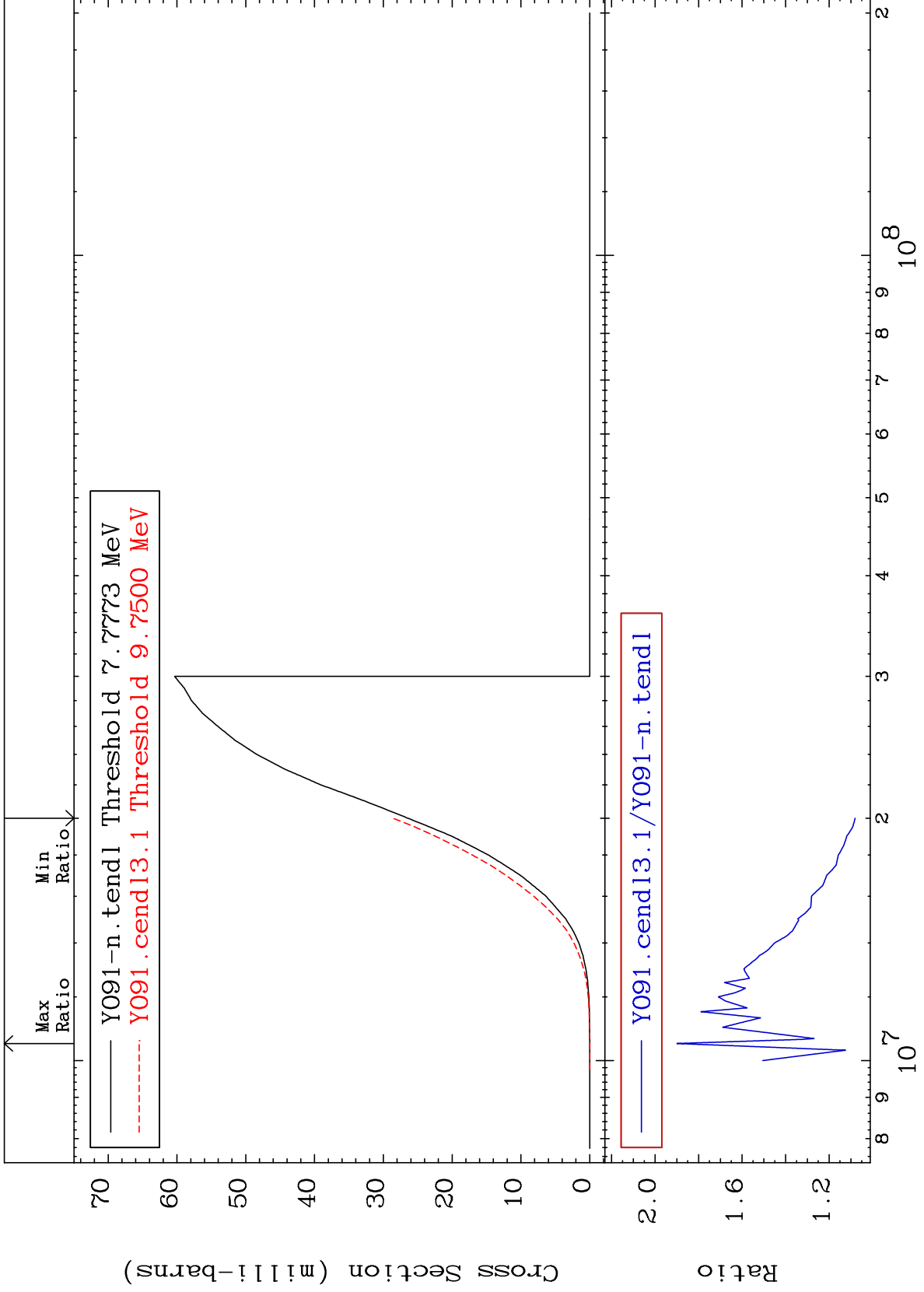




MAT 3931

(n,n') p
Cross Section

39-Y -91
8.067 To 89.97 %



7

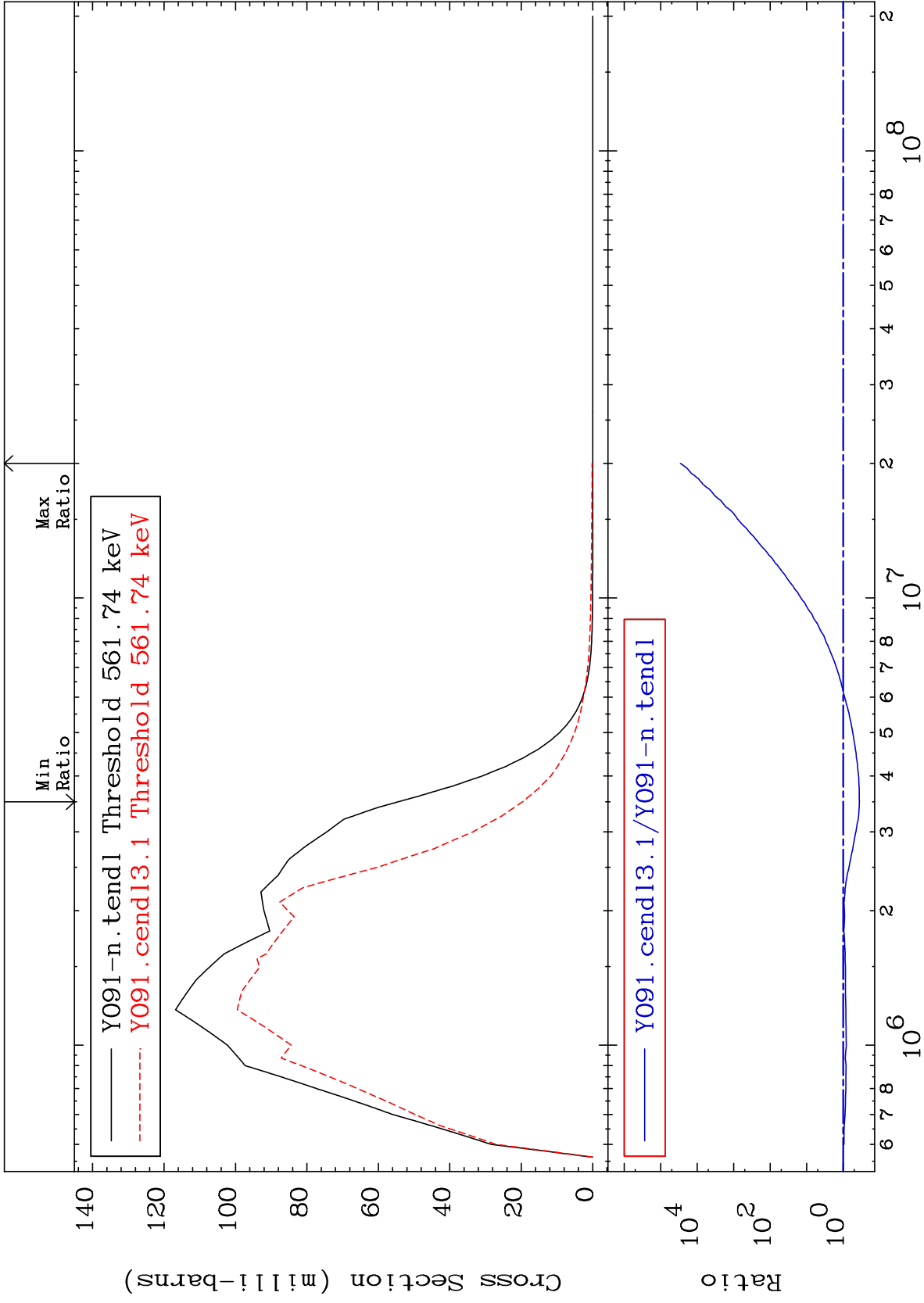
Incident Energy (eV)

39-Y -91

MAT 3931

555.6 keV (n,n') Level
Cross Section

39-Y -91
-64.02 To 9999. %



8

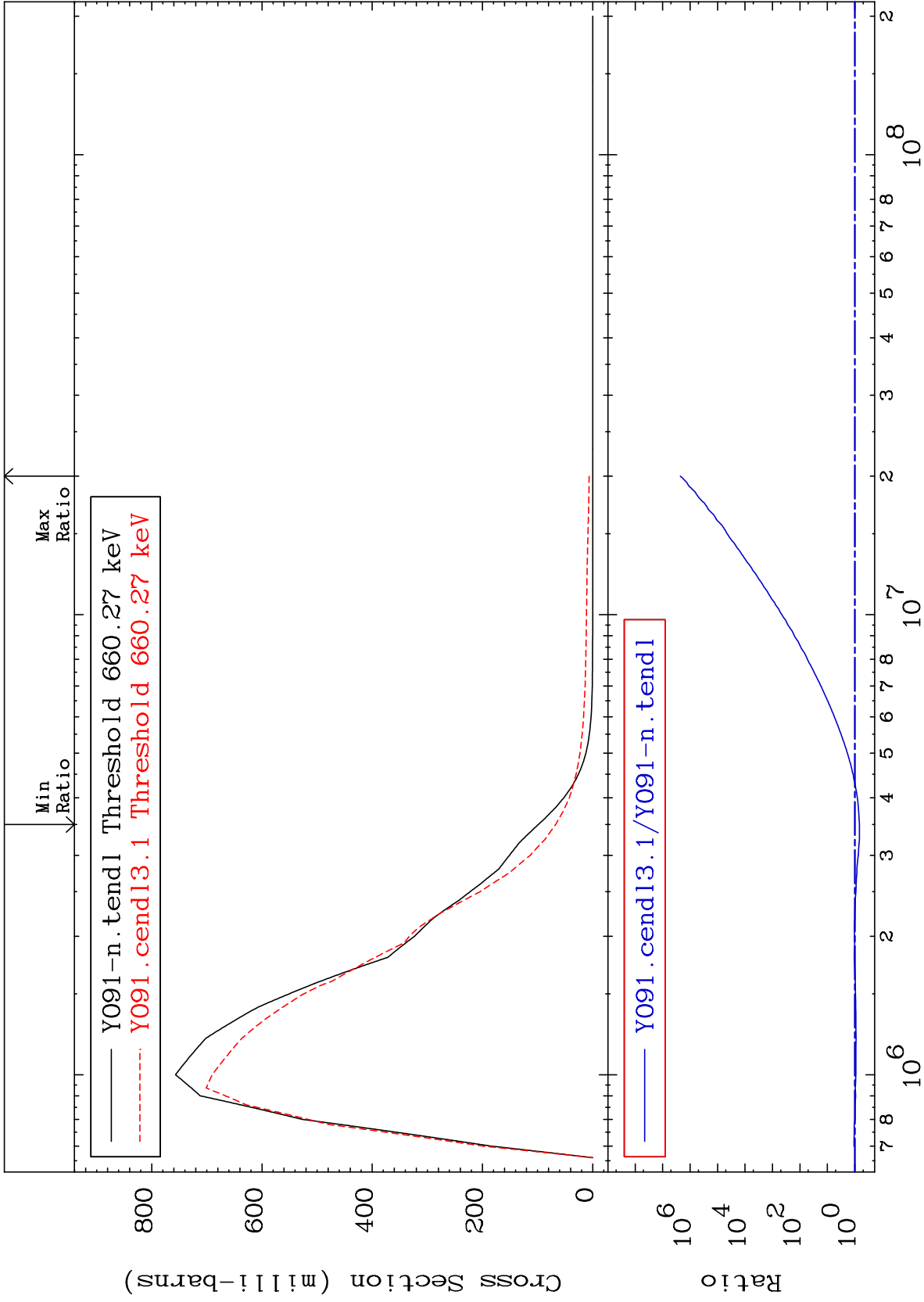
Incident Energy (eV)

39-Y -91

MAT 3931

653.0 keV (n,n') Level
Cross Section

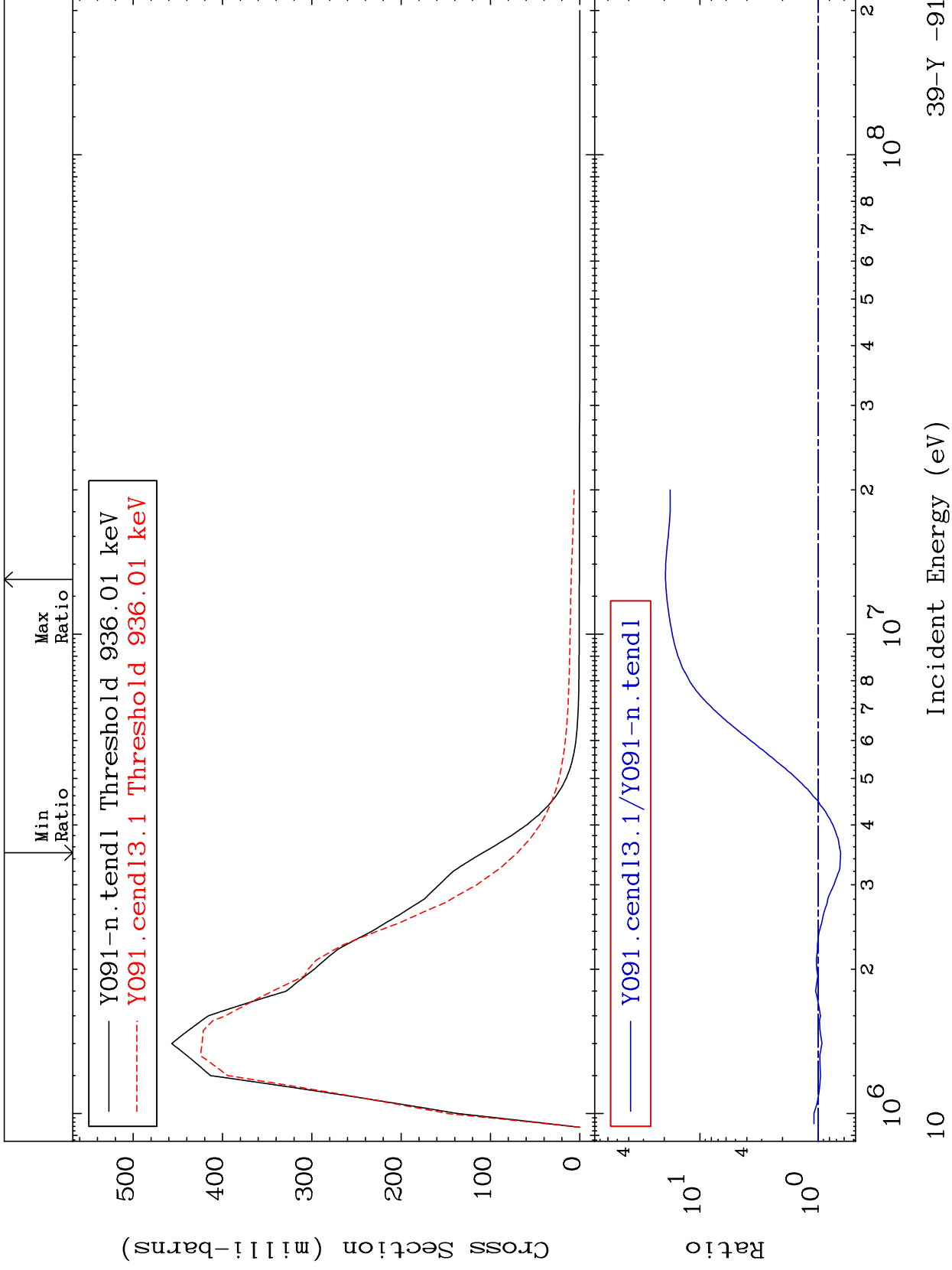
39-Y -91
-32.01 To 9999. %



MAT 3931

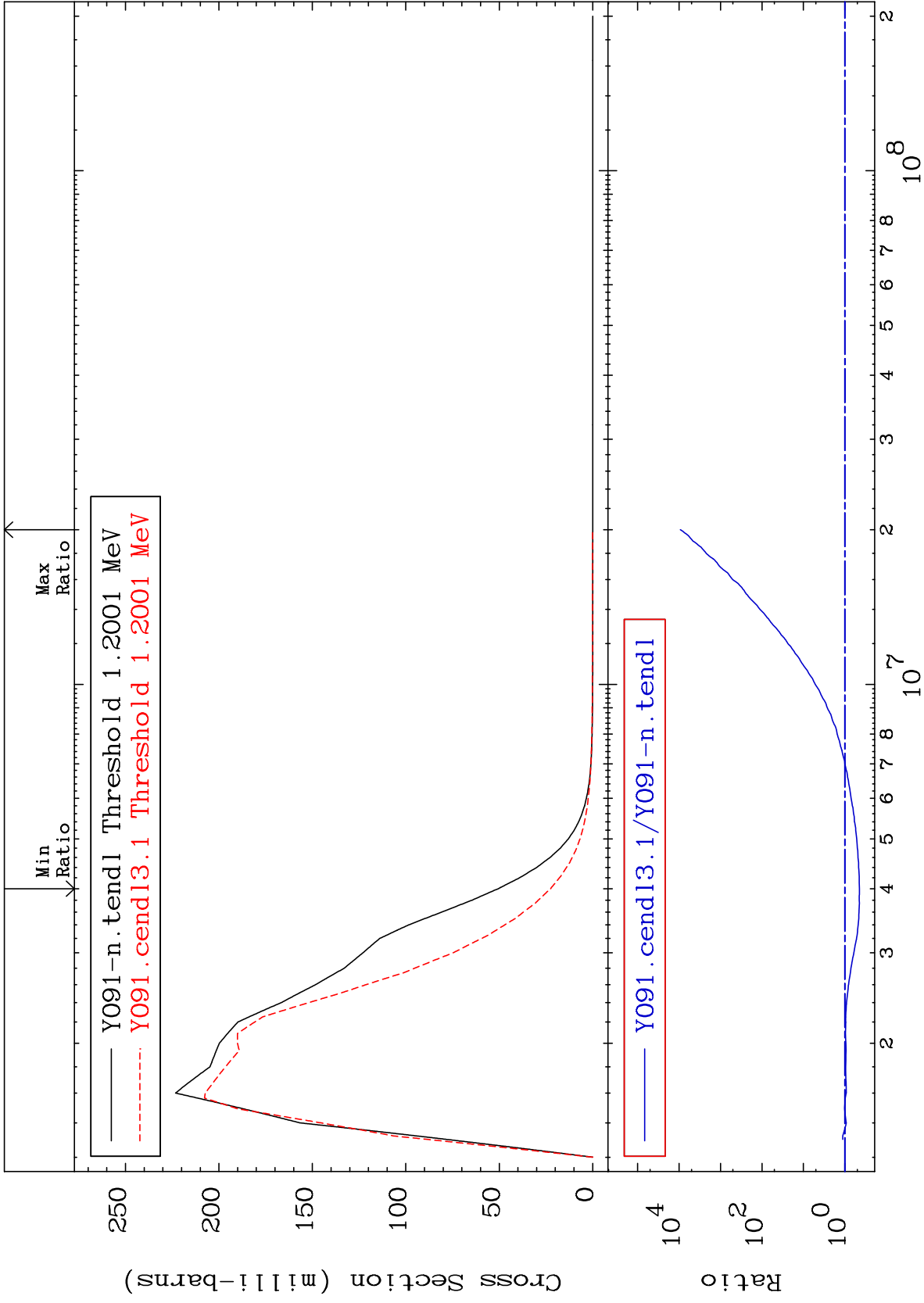
925.7 keV (n,n') Level
Cross Section

39-Y -91
-35.72 To 1854. %



39-Y -91

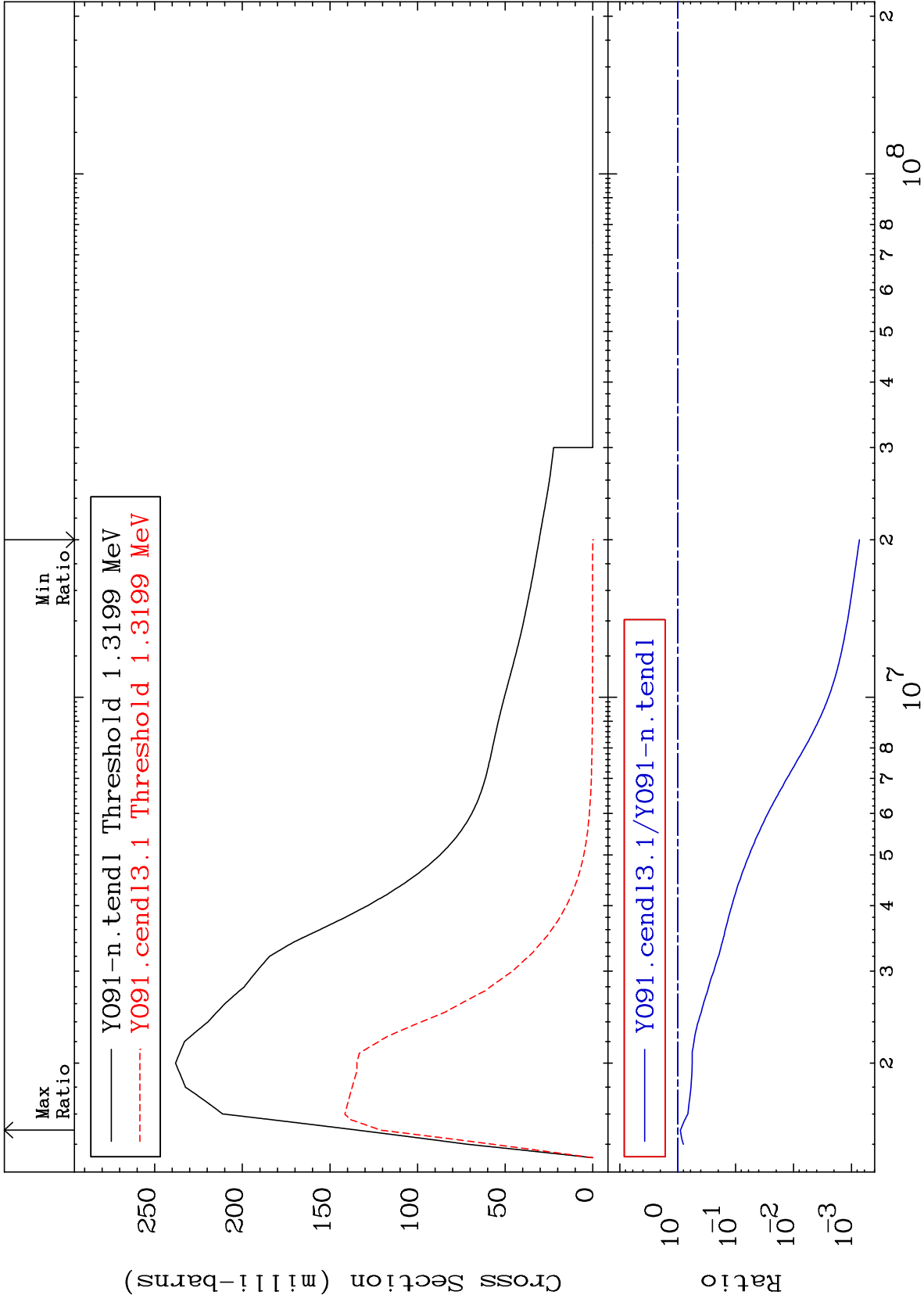
Incident Energy (eV)



MAT 3931

1.305 MeV (n,n') Level
Cross Section

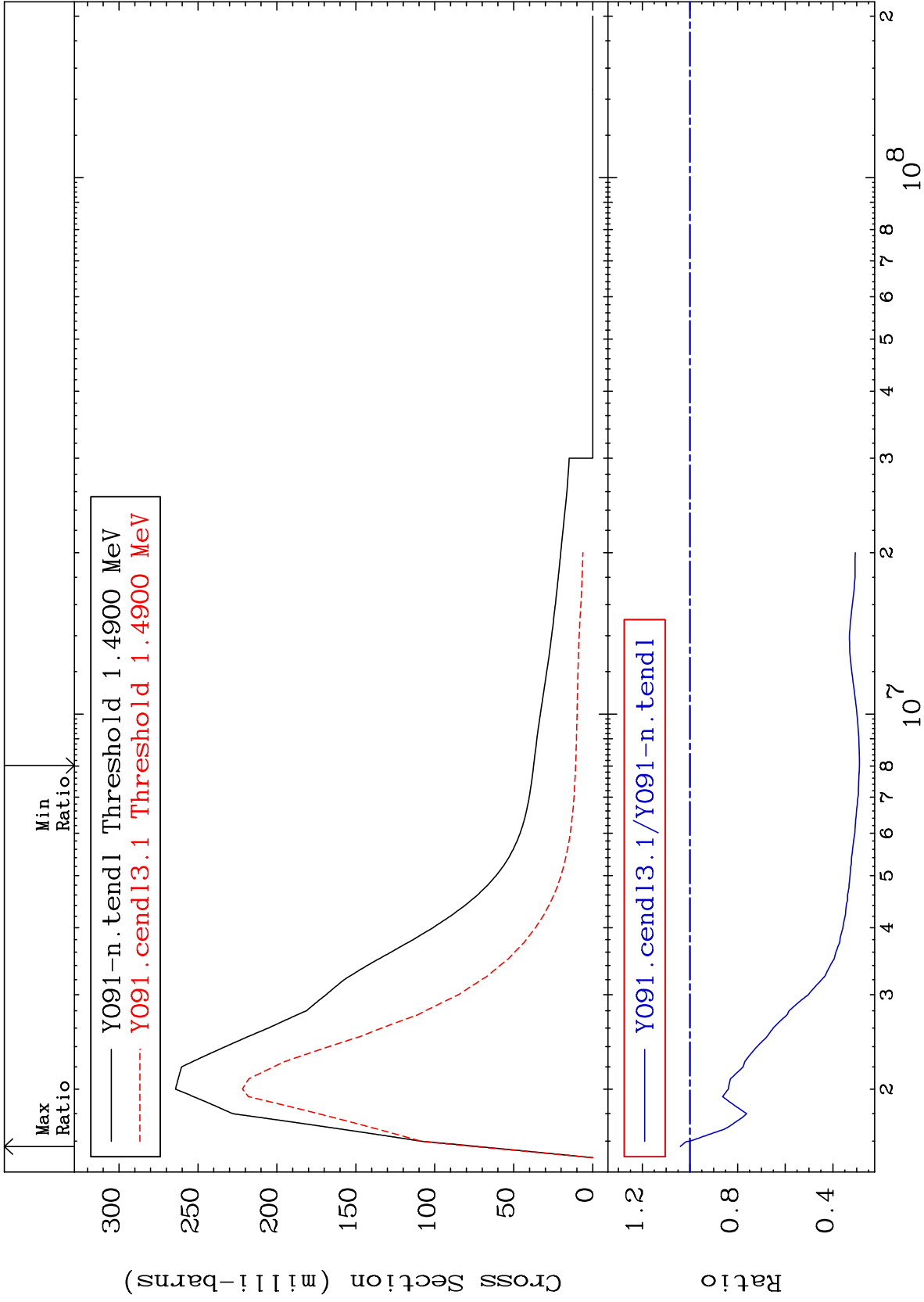
39-Y -91
-99.93 To -9.821%



12

Incident Energy (eV)

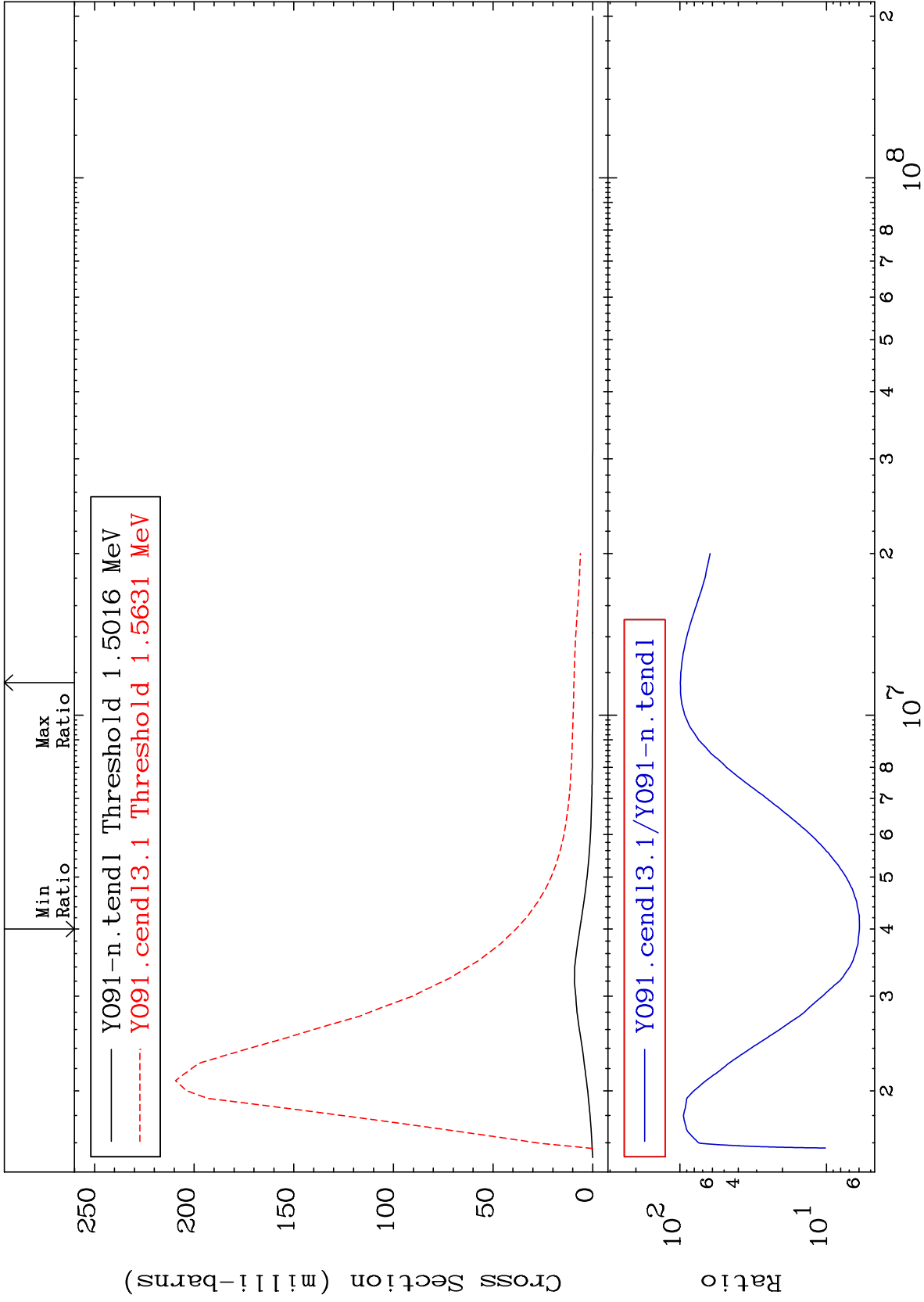
39-Y -91

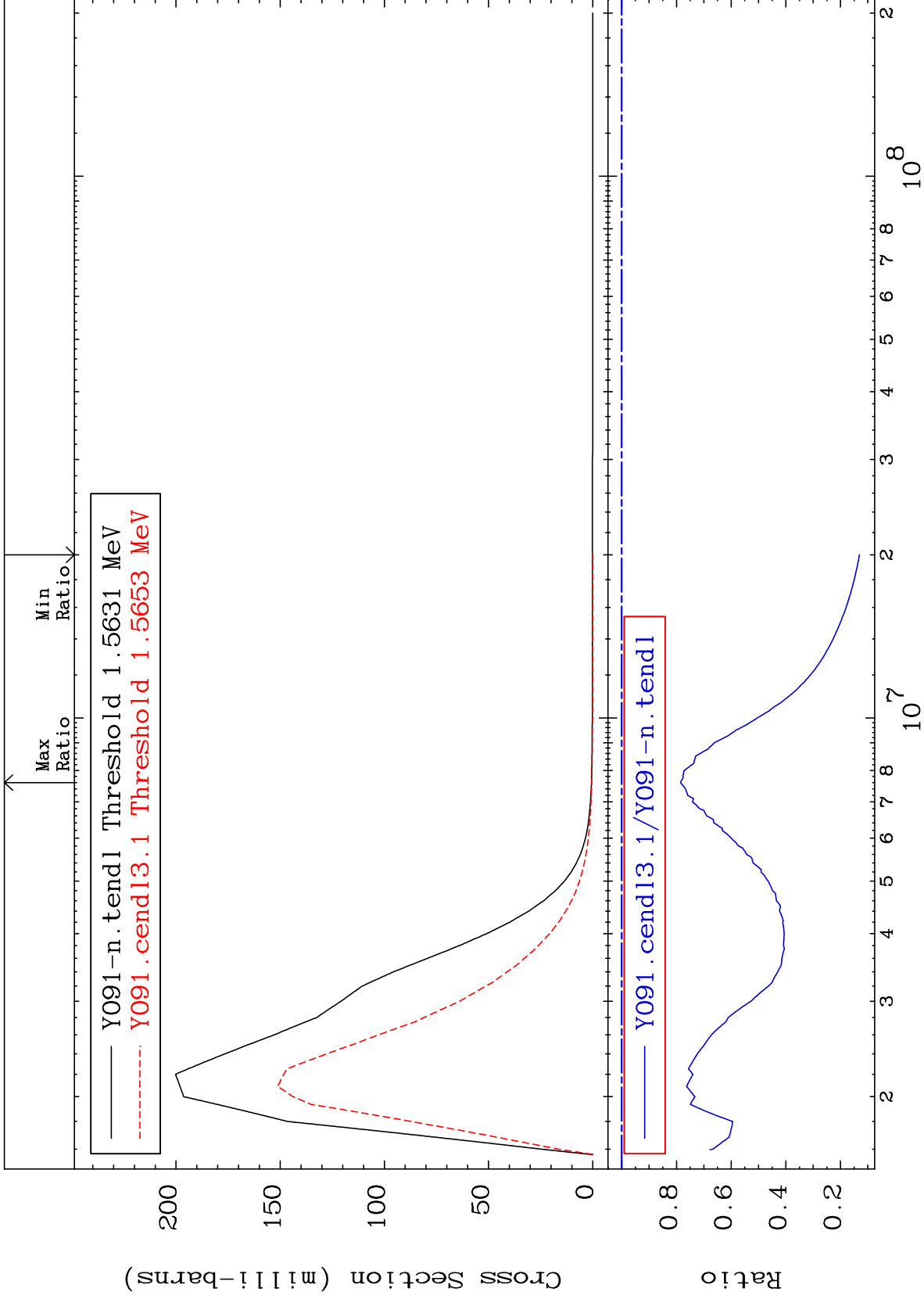


MAT 3931

1.485 MeV (n,n') Level
Cross Section

39-Y -91
496.0 To 9842. %

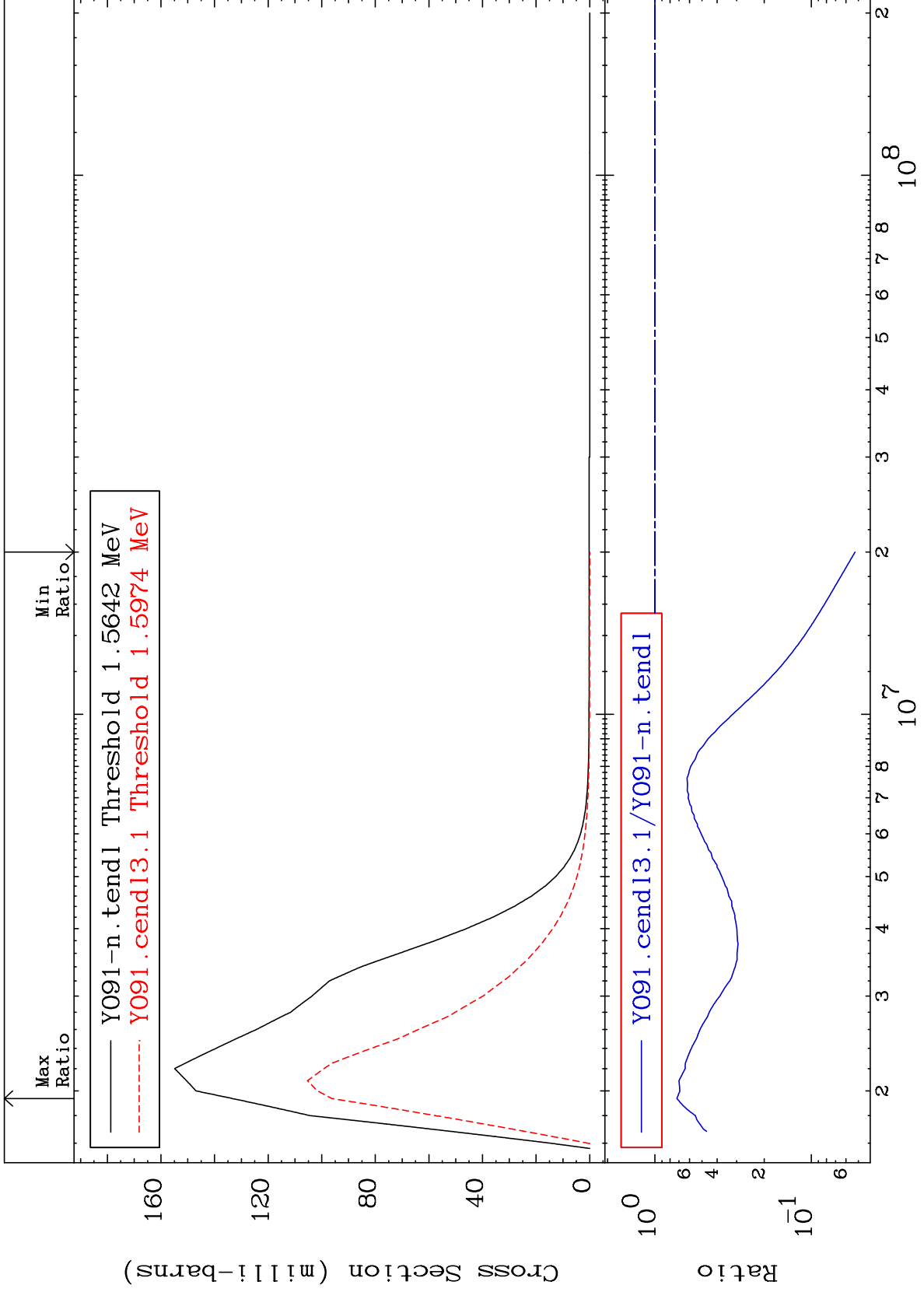


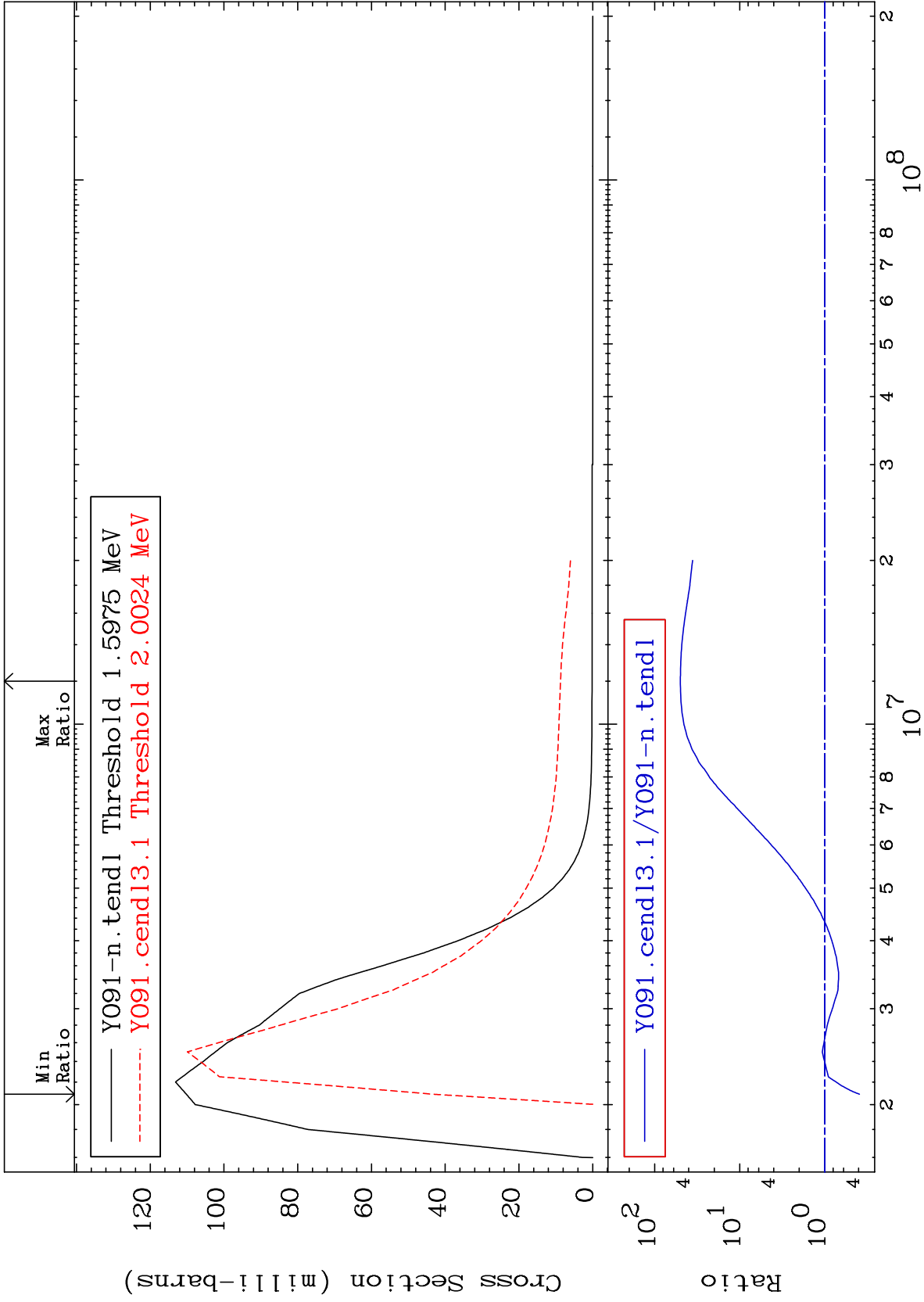


MAT 3931

1.547 MeV (n,n') Level
Cross Section

39-Y -91
-94.75 To -27.79%

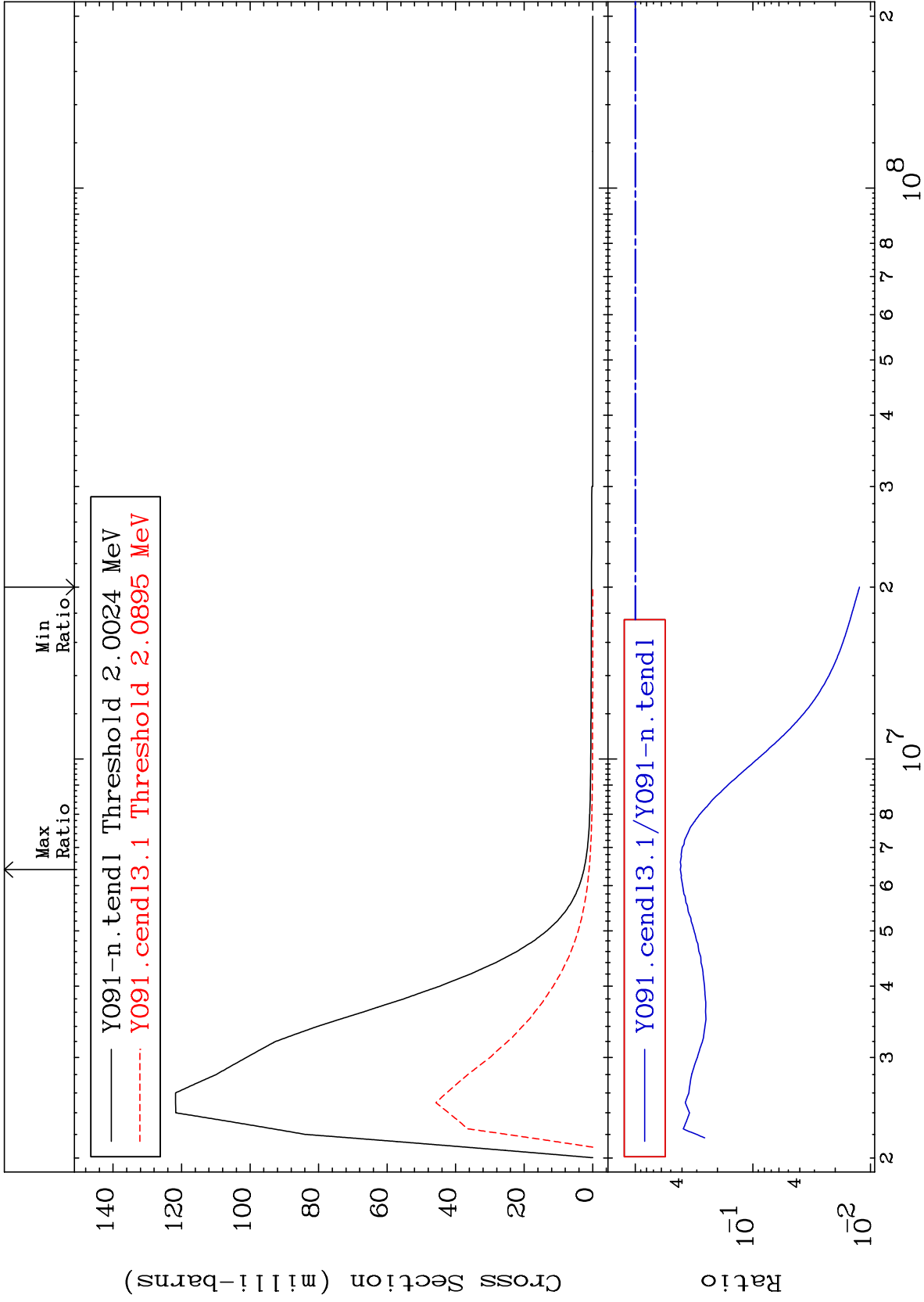




MAT 3931

1.980 MeV (n,n') Level
Cross Section

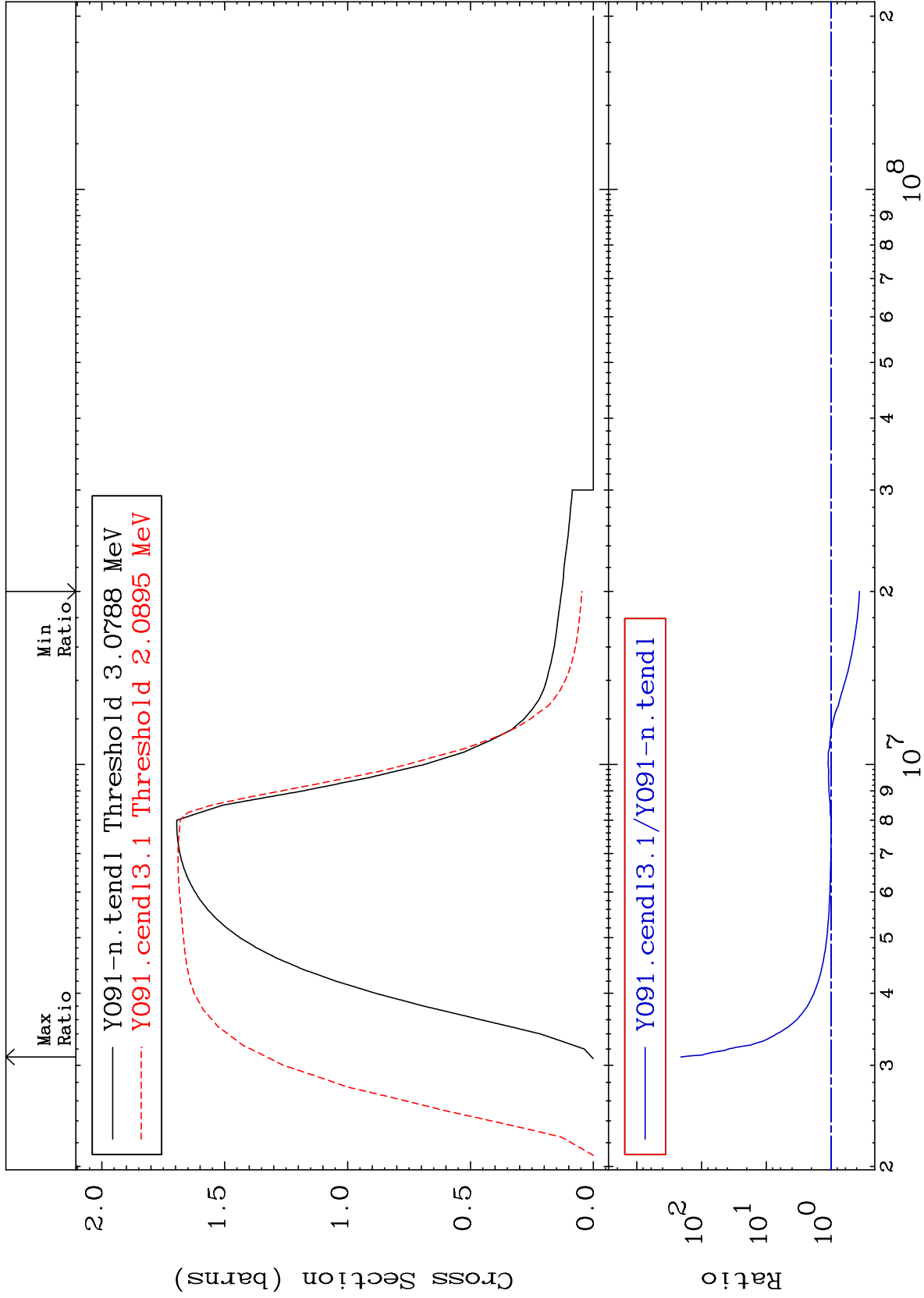
39-Y -91
-98.76 To -58.66%



18

Incident Energy (eV)

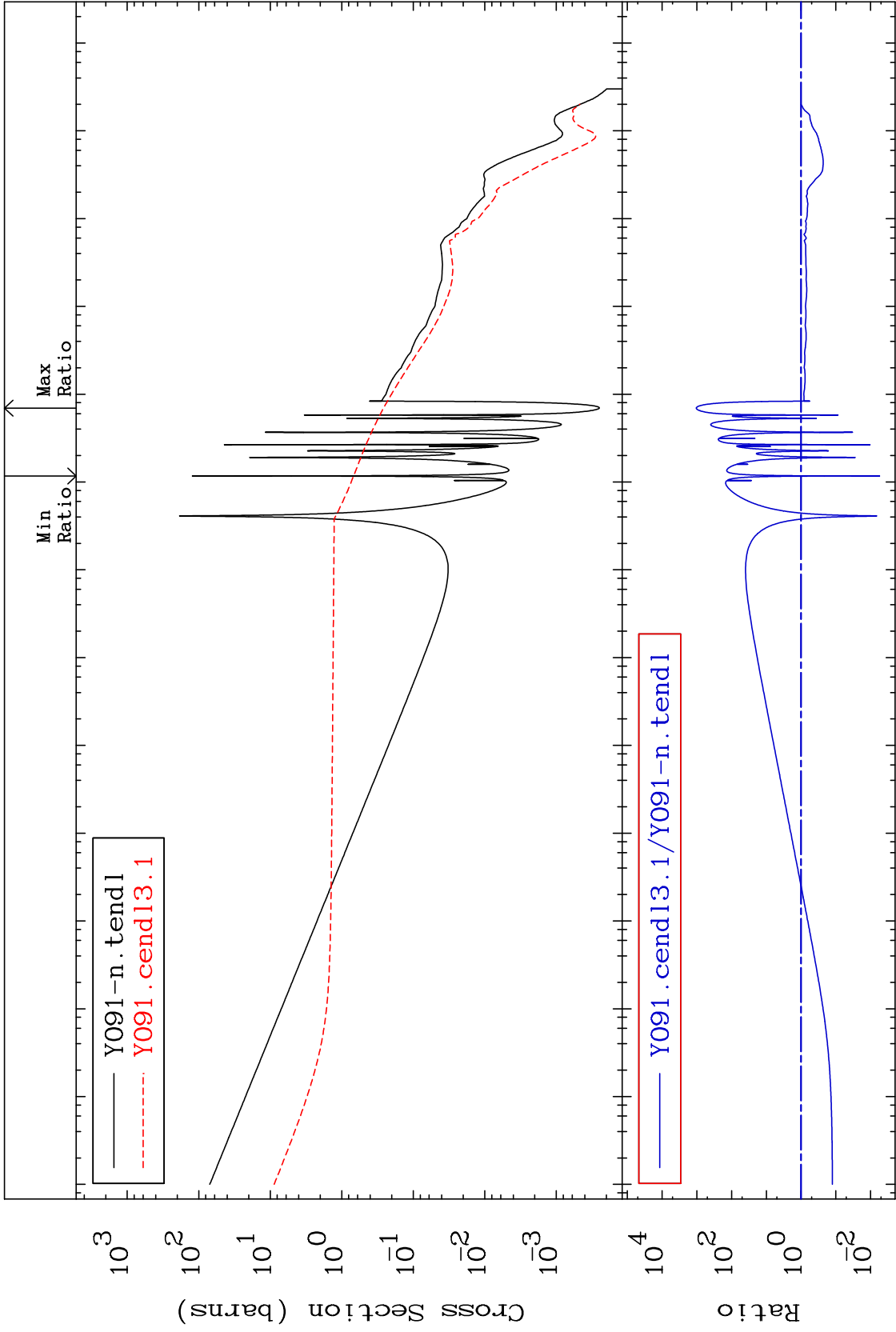
39-Y -91



MAT 3931

(n, γ)
Cross Section

39-Y -91
-99.45 To 9999. %



20

Incident Energy (eV)

39-Y -91

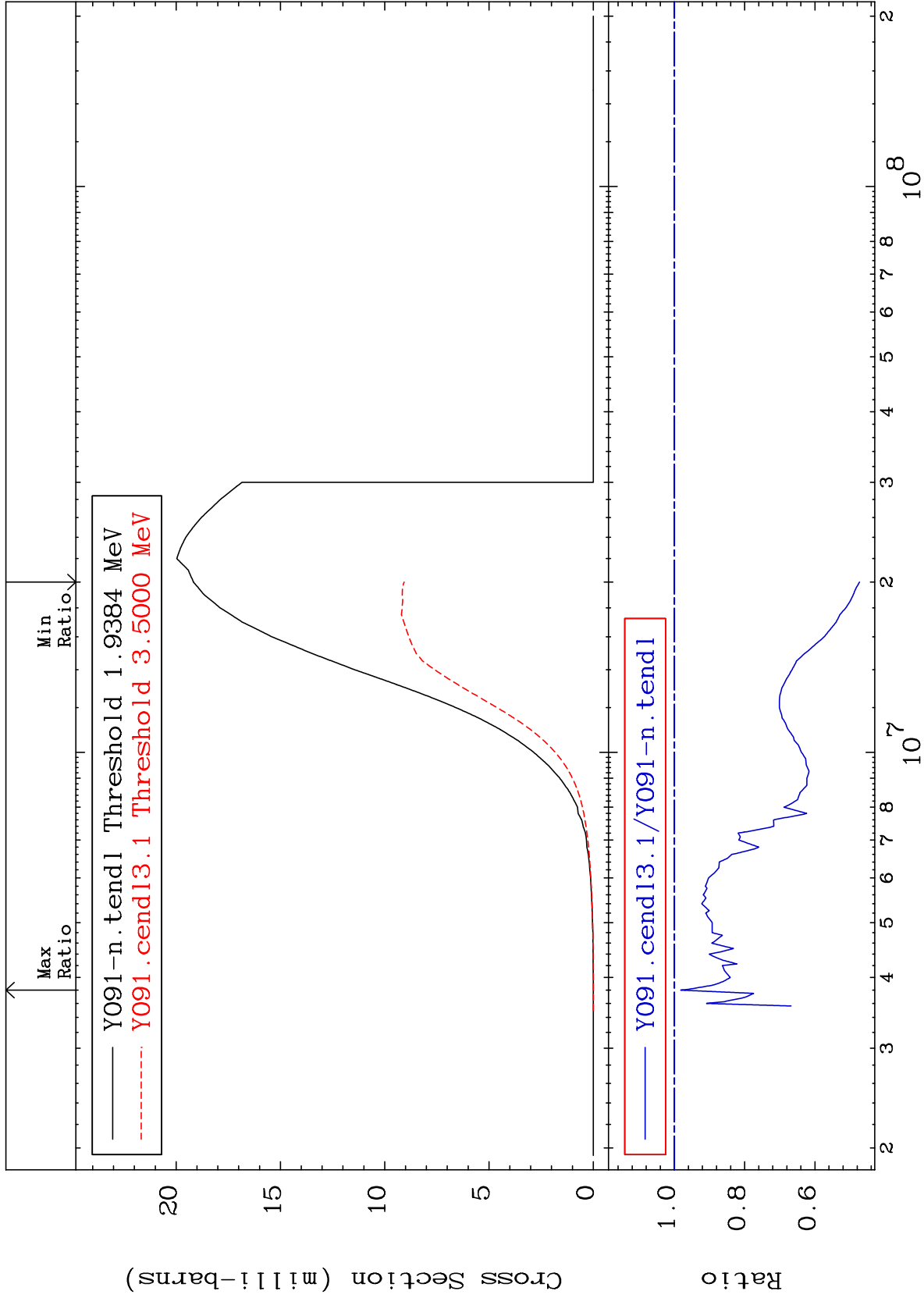
MAT 3931

(n, p)

39-Y -91

Cross Section

-52.68 To -1.828%



21

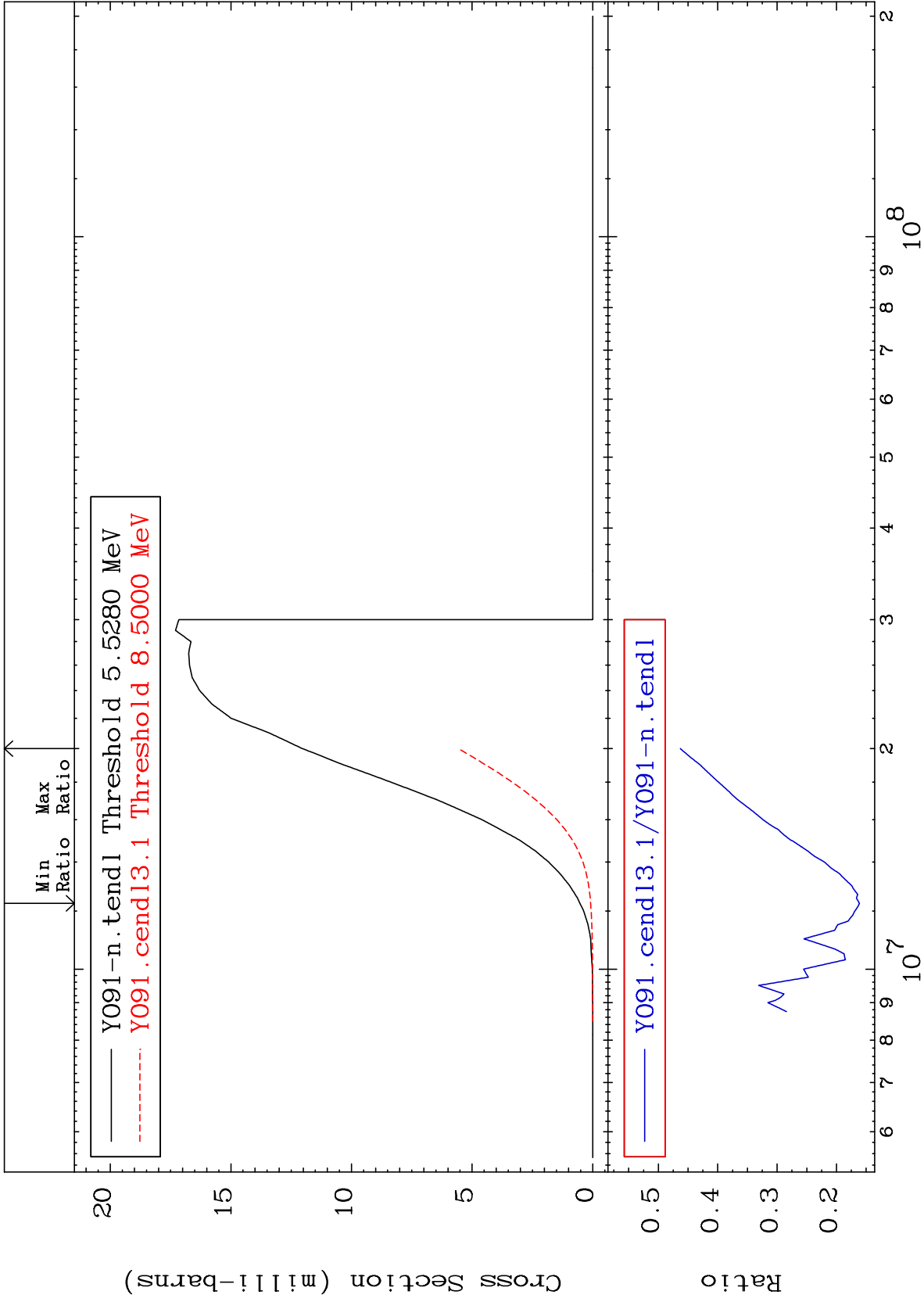
Incident Energy (eV)

39-Y -91

MAT 3931

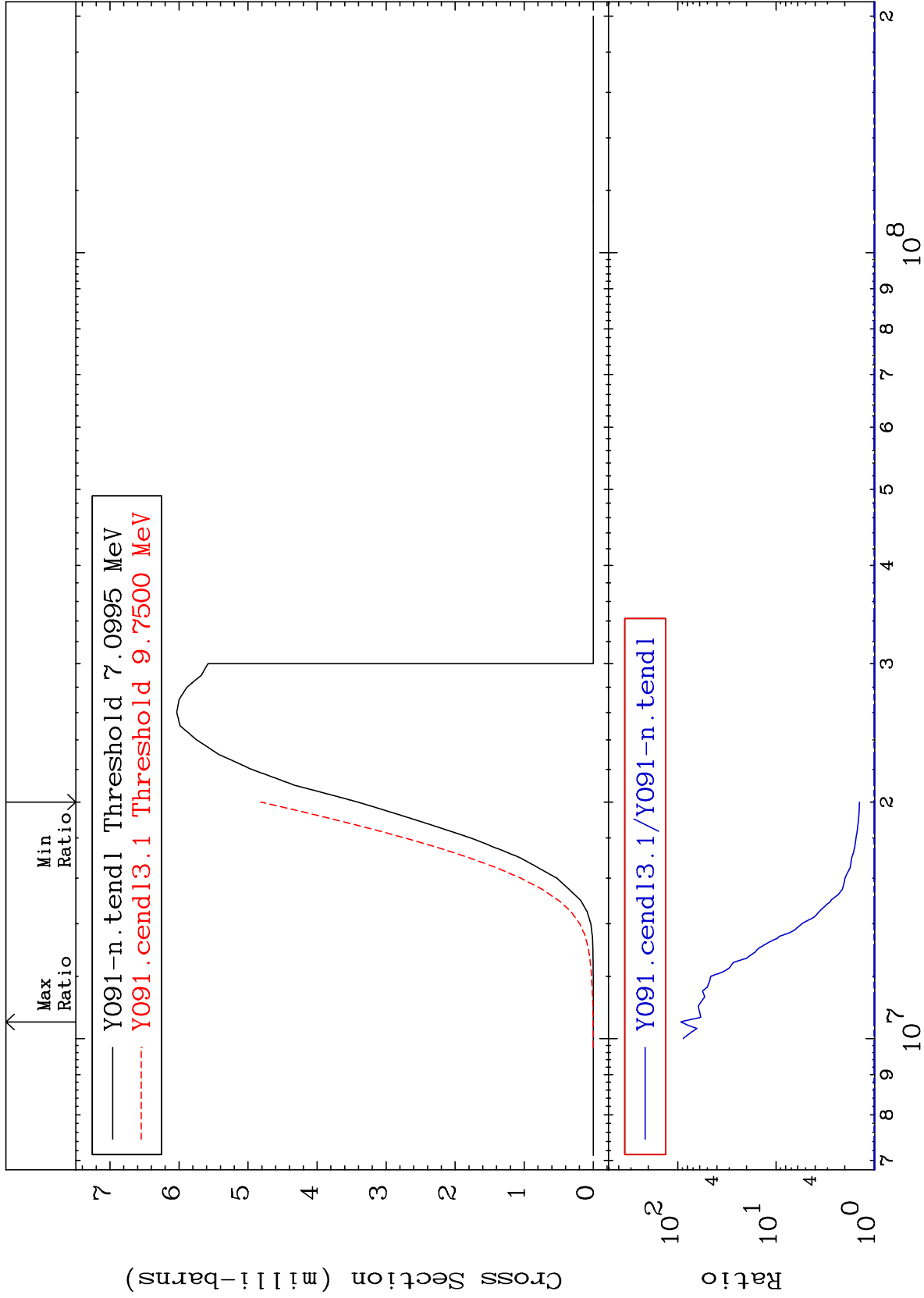
(n, d)
Cross Section

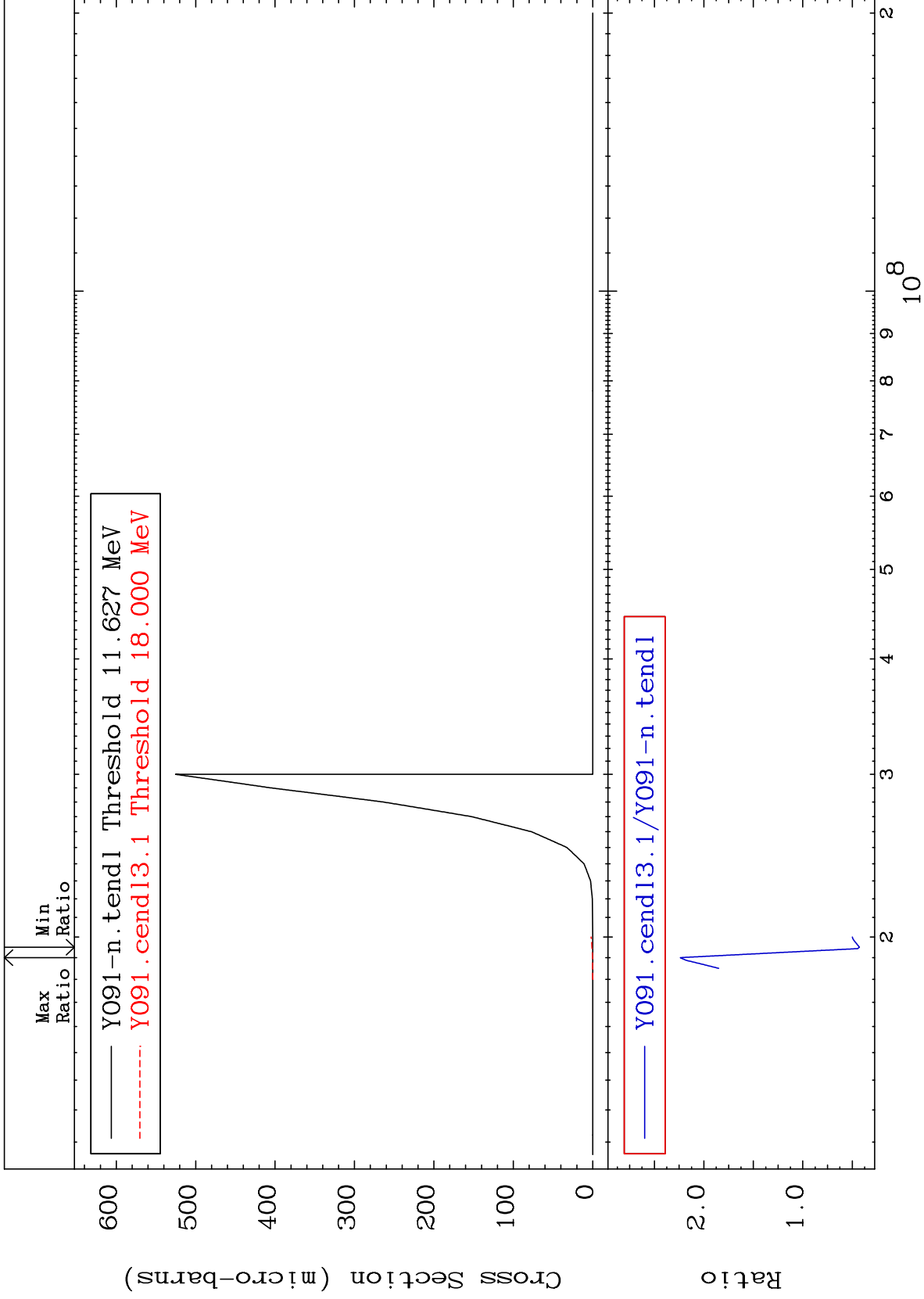
39-Y -91
-83.87 To -53.70%



Cross Section

41.17 To 9228. %





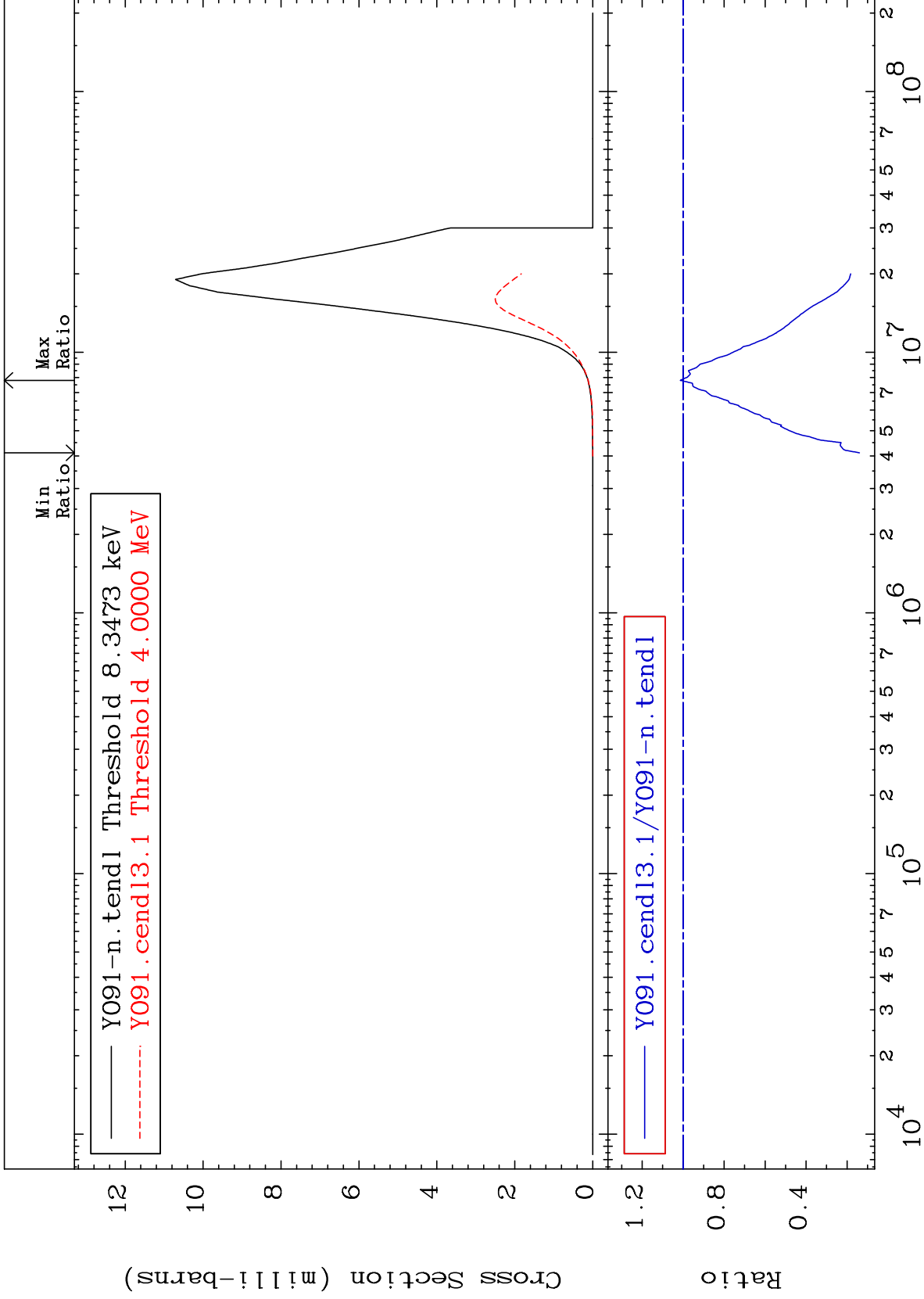
MAT 3931

(n, α)

39-Y -91

Cross Section

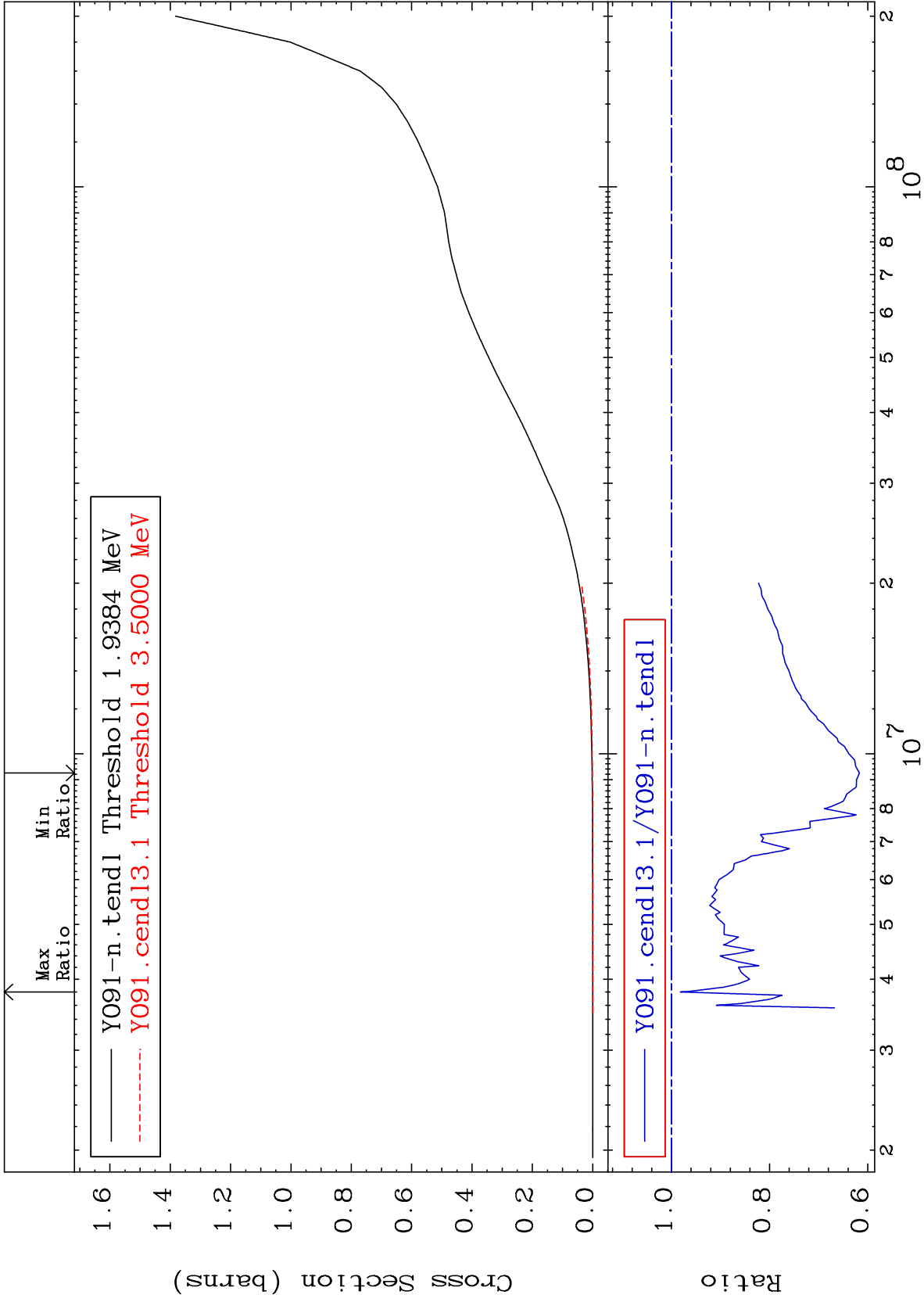
-86.04 To 1.351 %

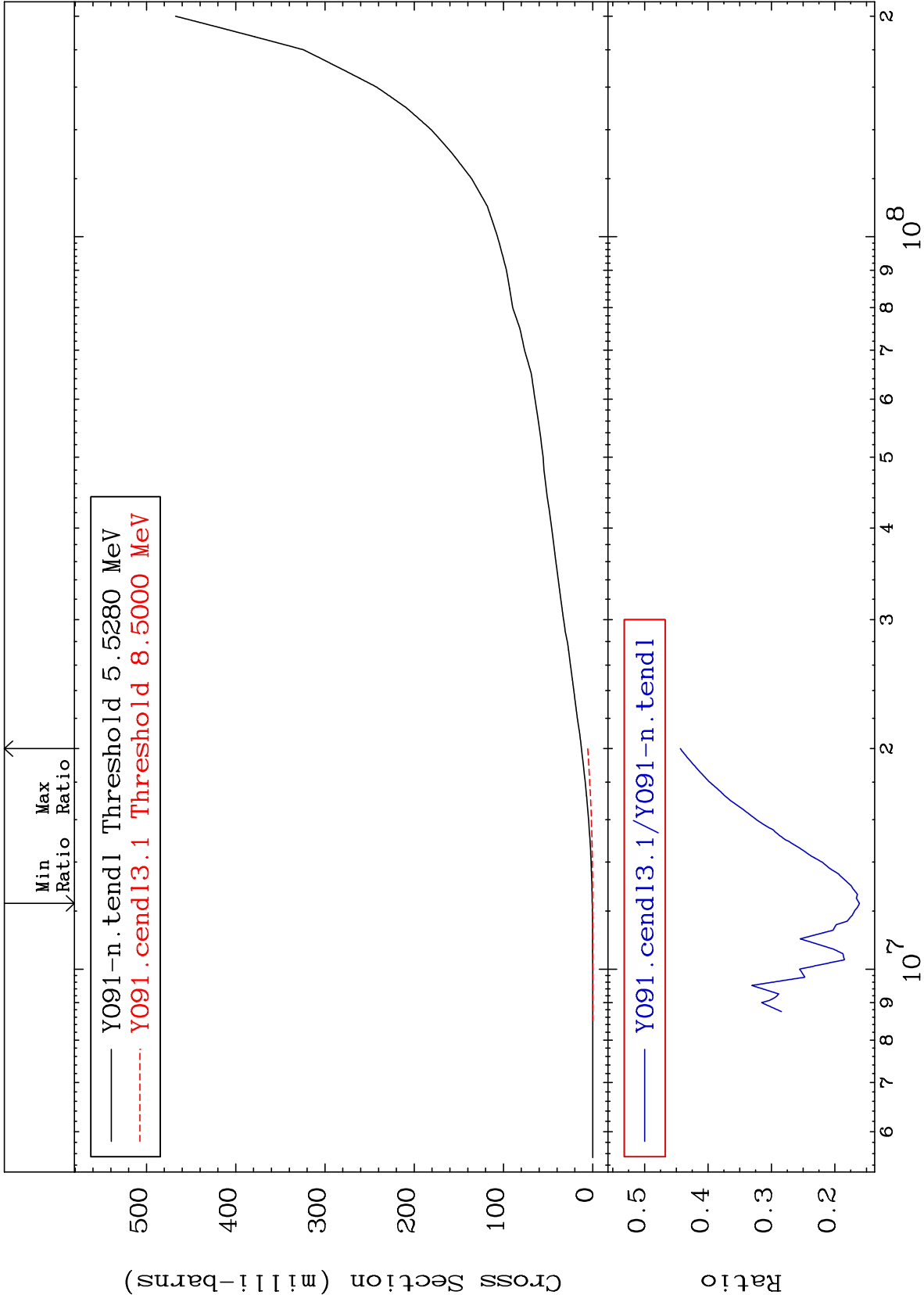


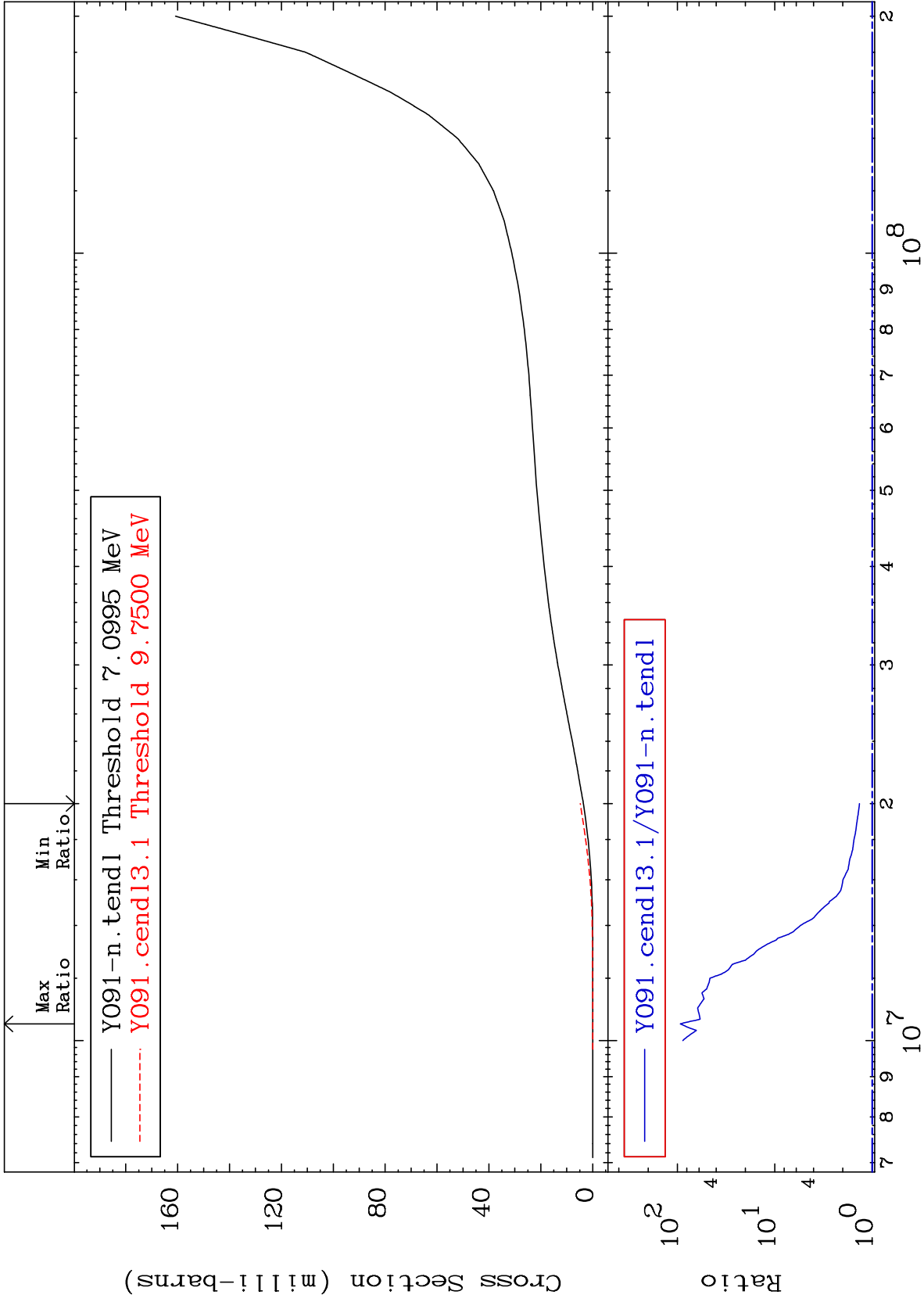
25

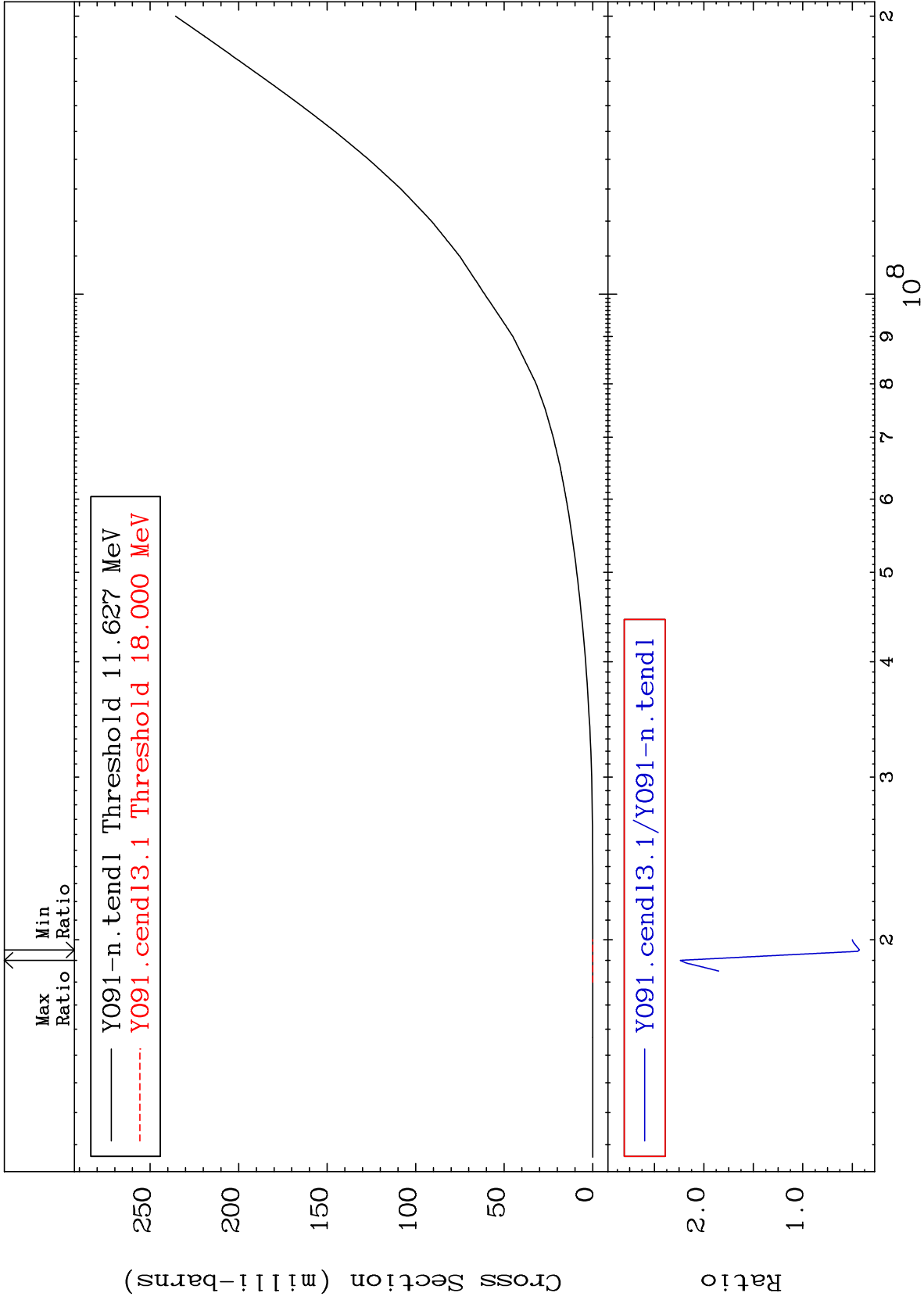
Incident Energy (eV)

39-Y -91





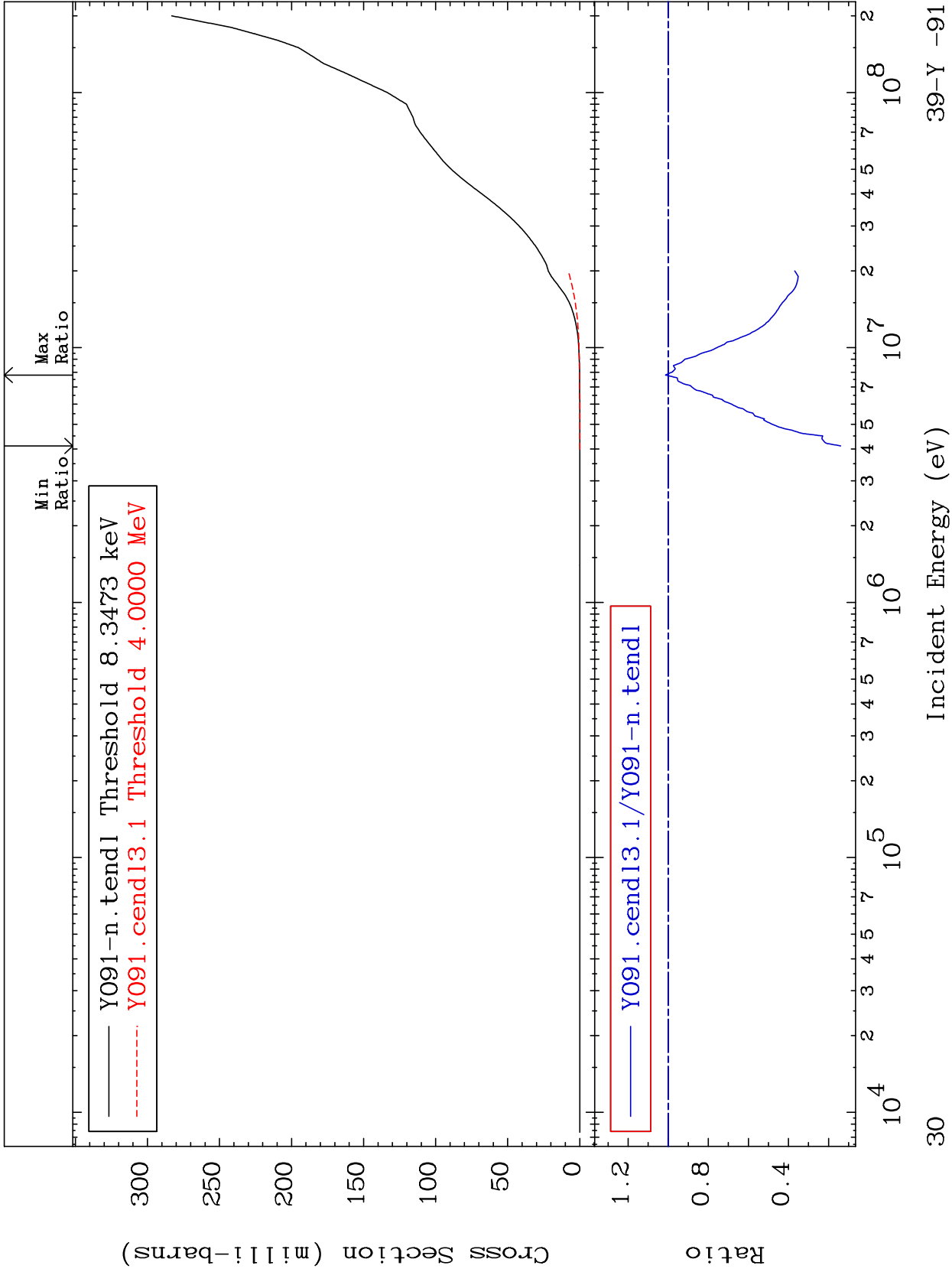




MAT 3931

He-4 Production
Cross Section

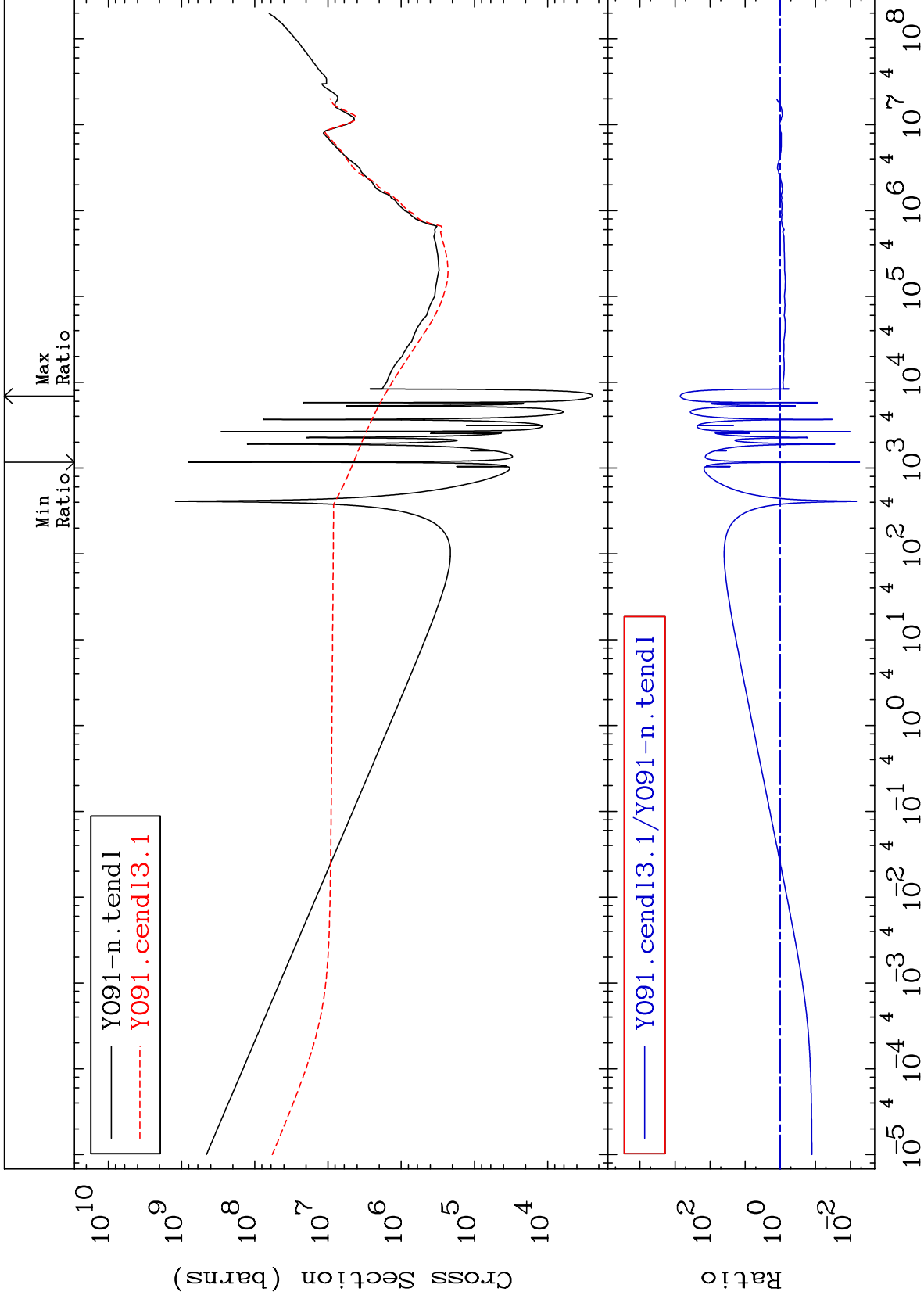
39-Y -91
-86.04 To 1.351 %

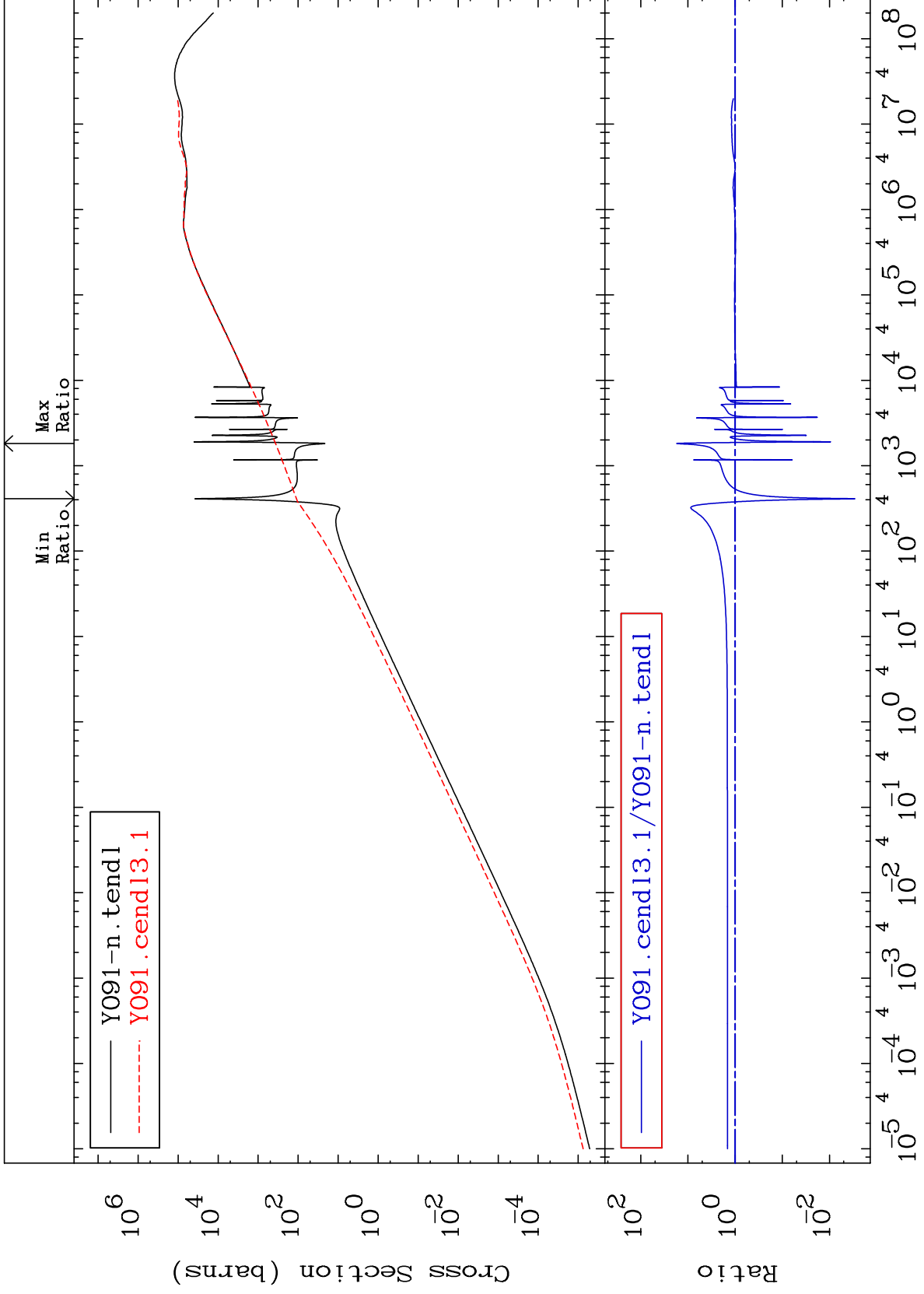


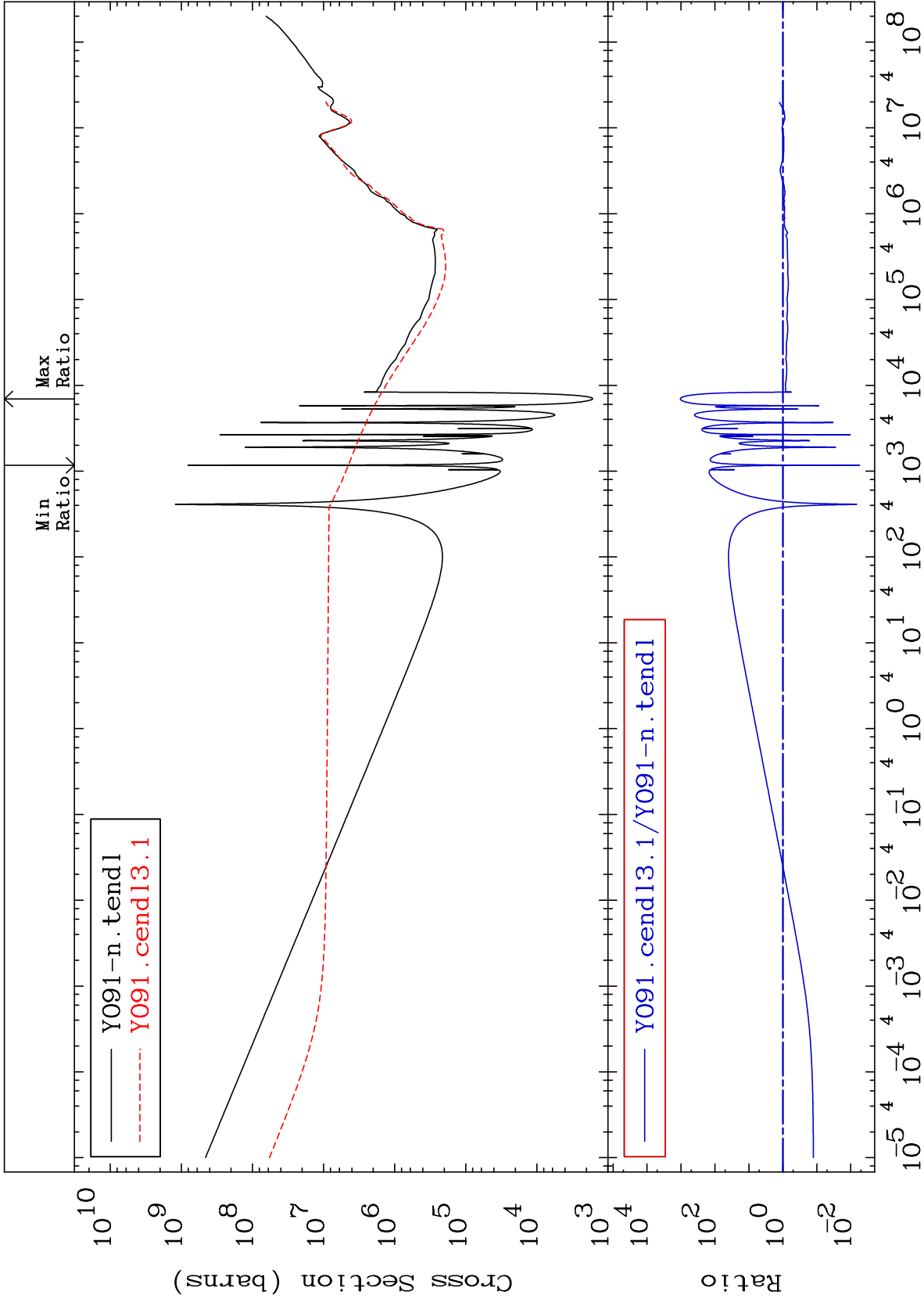
30

Incident Energy (eV)

39-Y -91



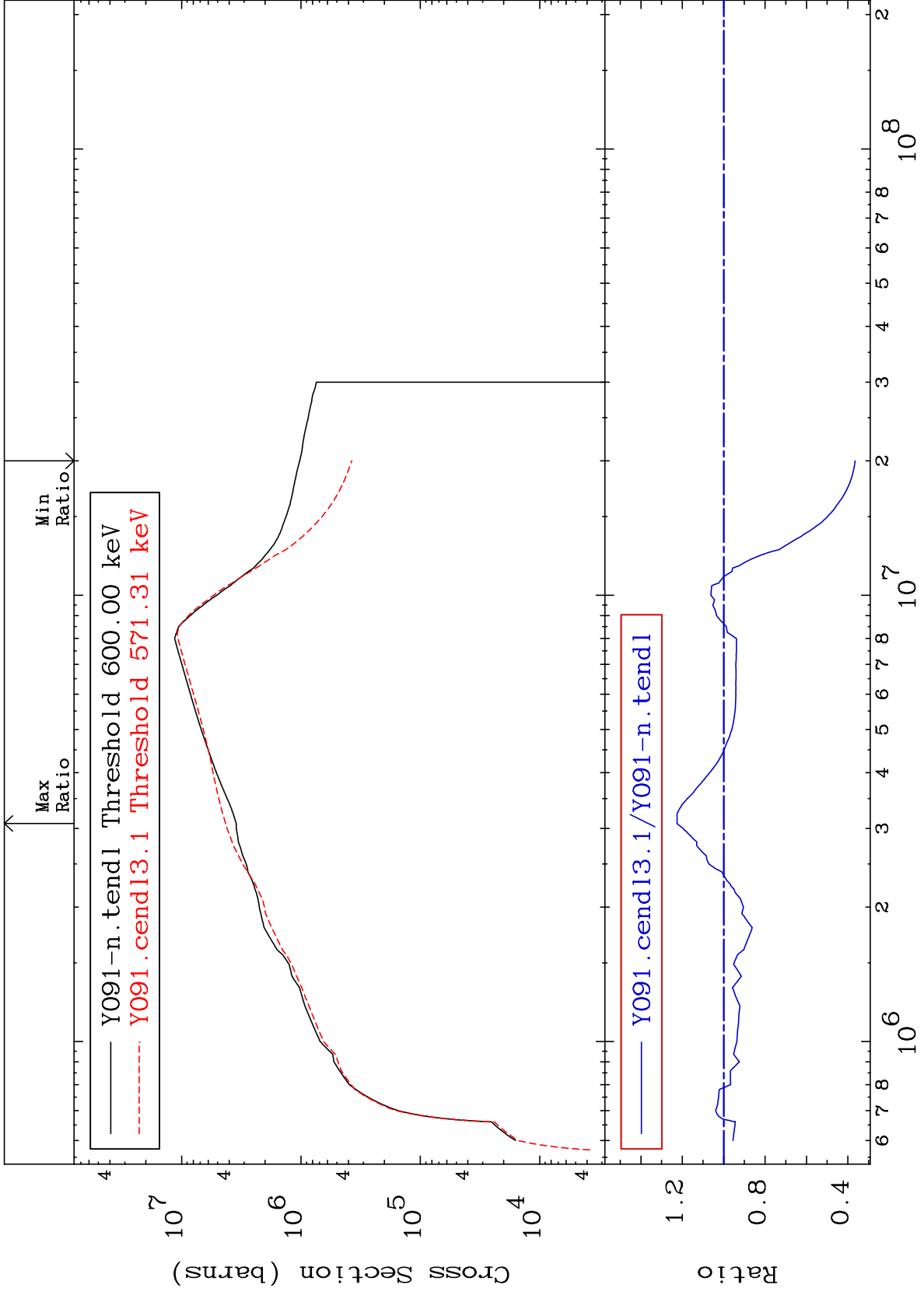




MAT 3931

Kerma inelastic (mt51-91)
Cross Section

39-Y -91
-63.49 To 22.60 %



34

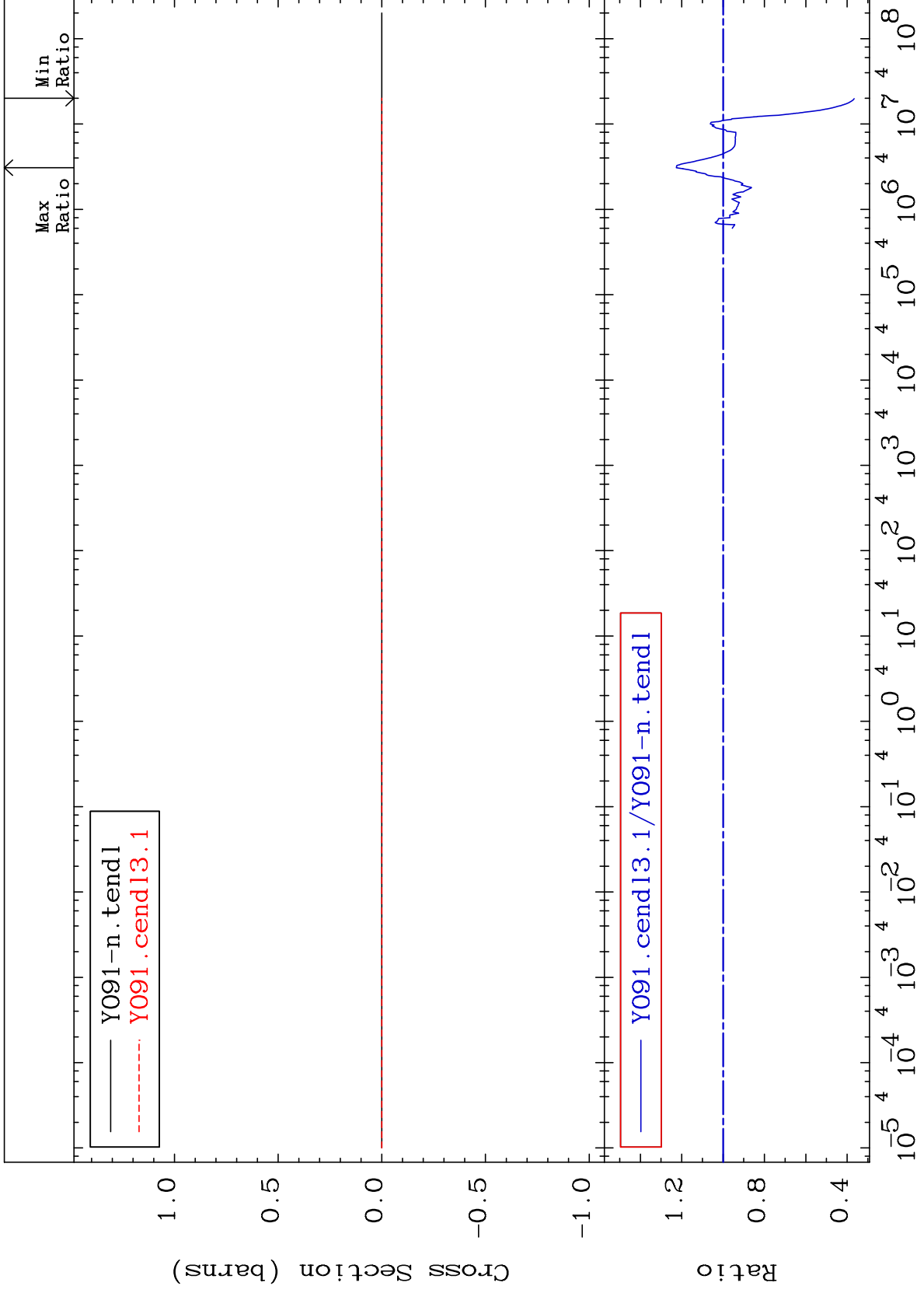
Incident Energy (eV)

39-Y -91

MAT 3931

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

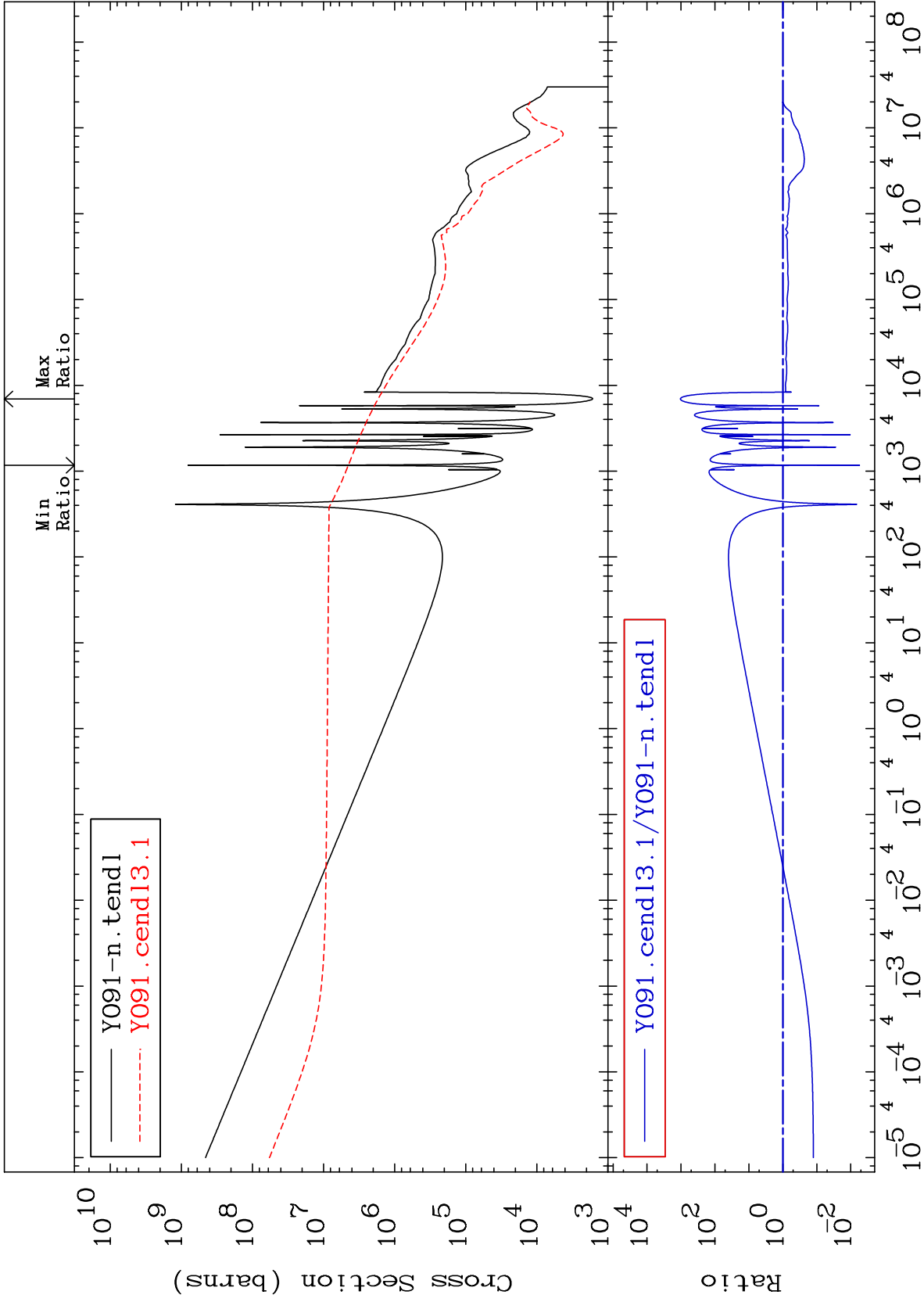
39-Y -91
-63.49 To 22.60 %

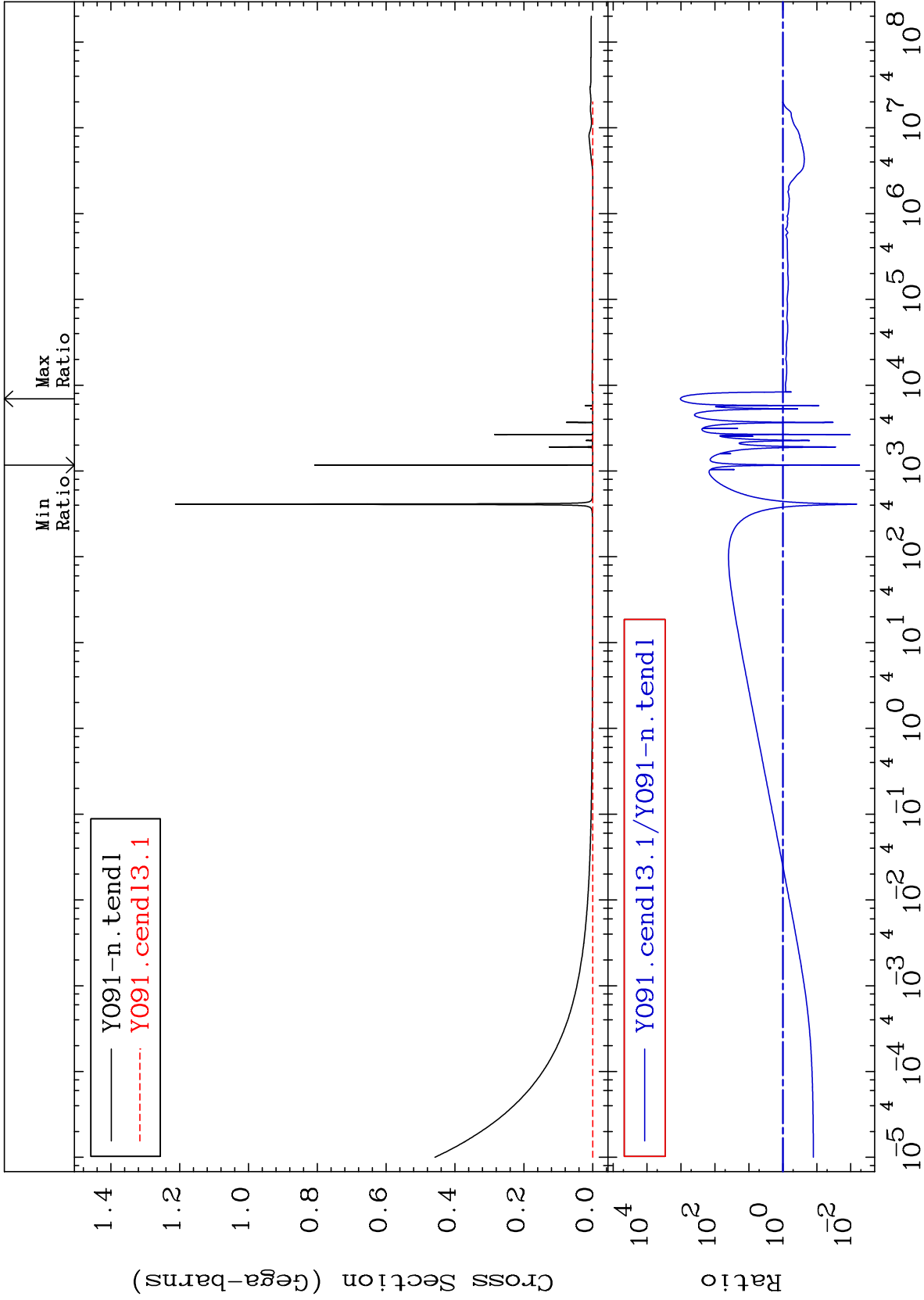


35

Incident Energy (eV)

39-Y -91





Cross Section

-100.0 To -39.69%

