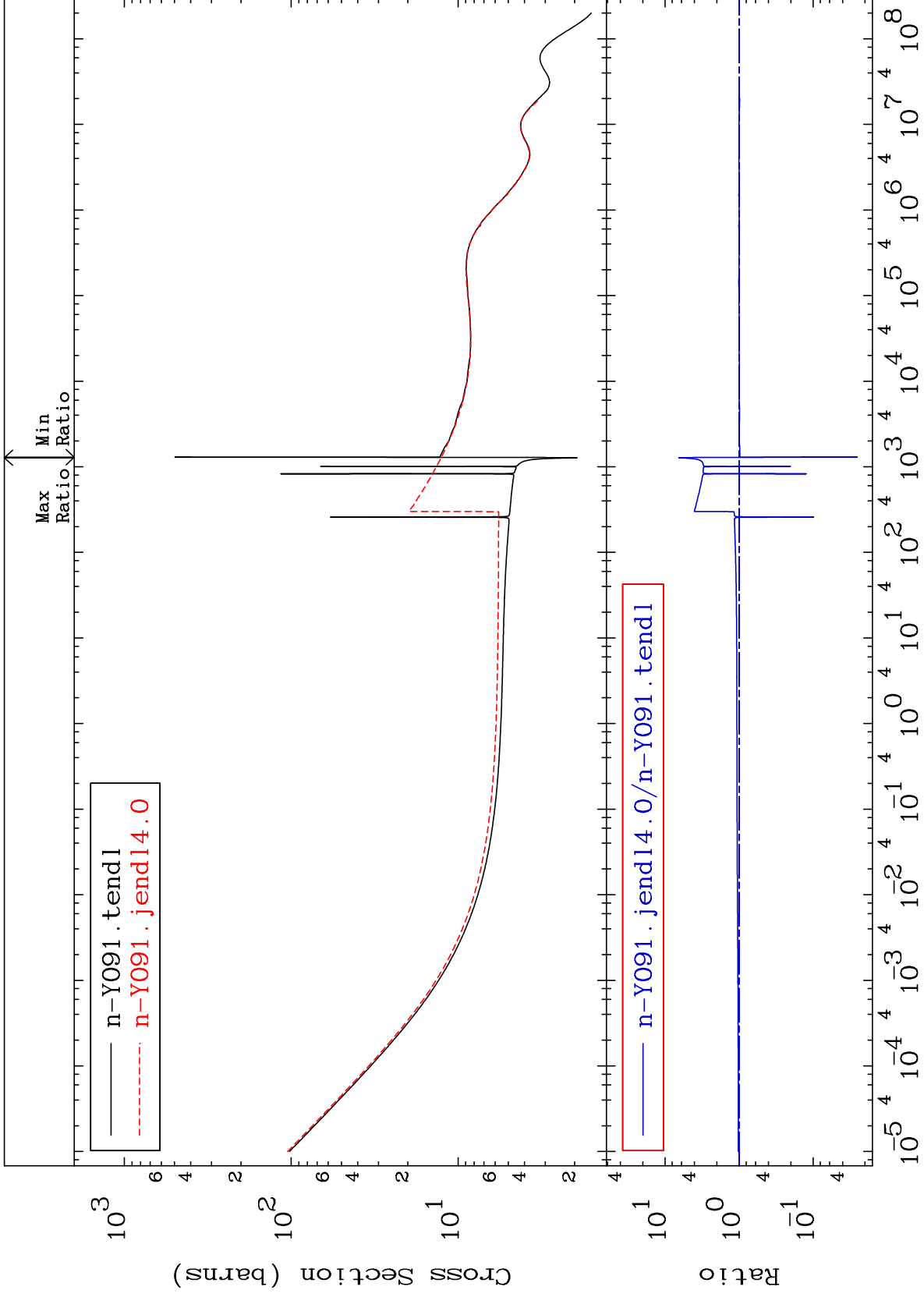


MAT 3931

Total
Cross Section

39-Y -91
-97.46 To 554.7 %

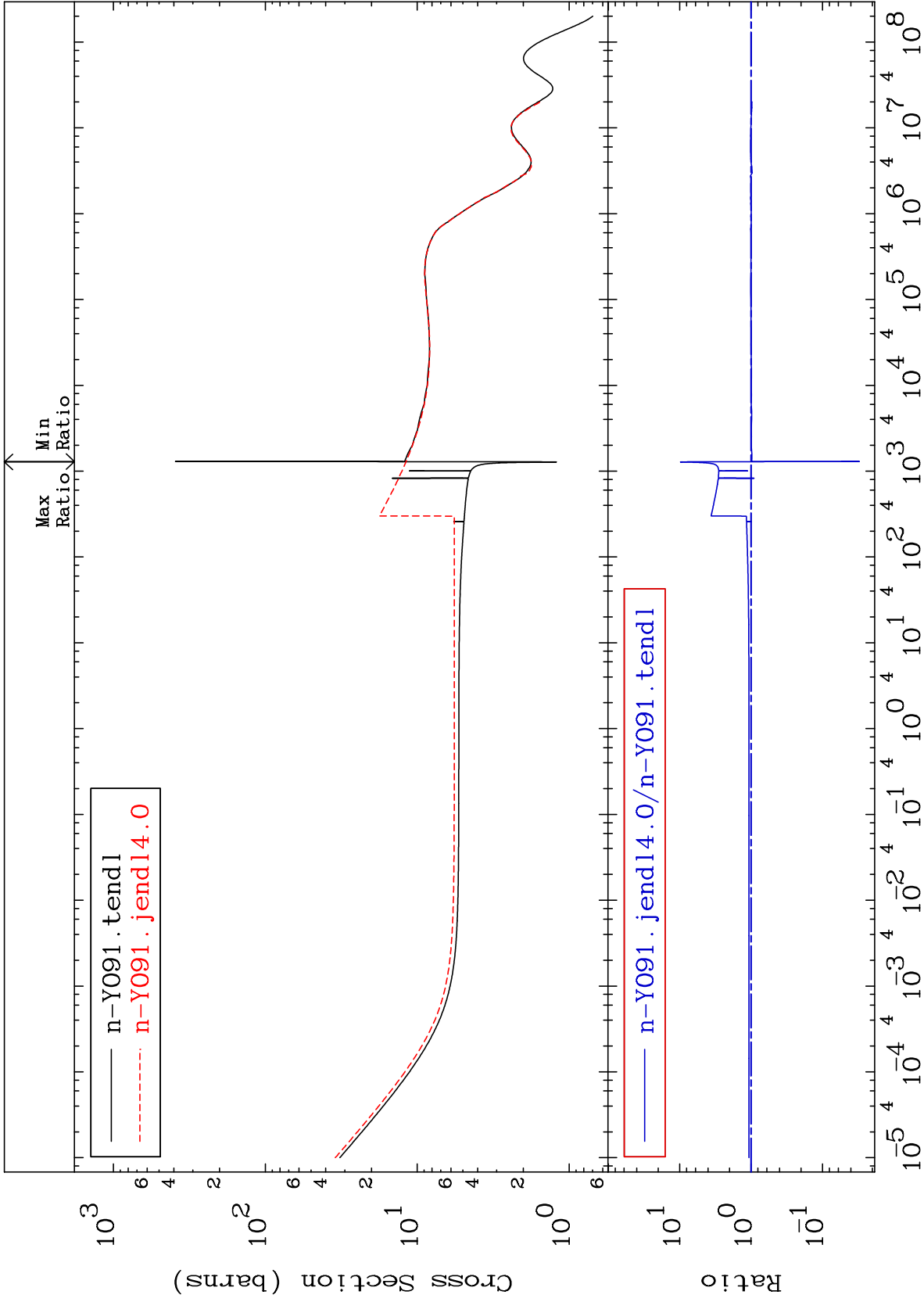


39-Y -91

MAT 3931

Elastic
Cross Section

39-Y -91
-96.97 To 878.0 %



2

Incident Energy (eV)

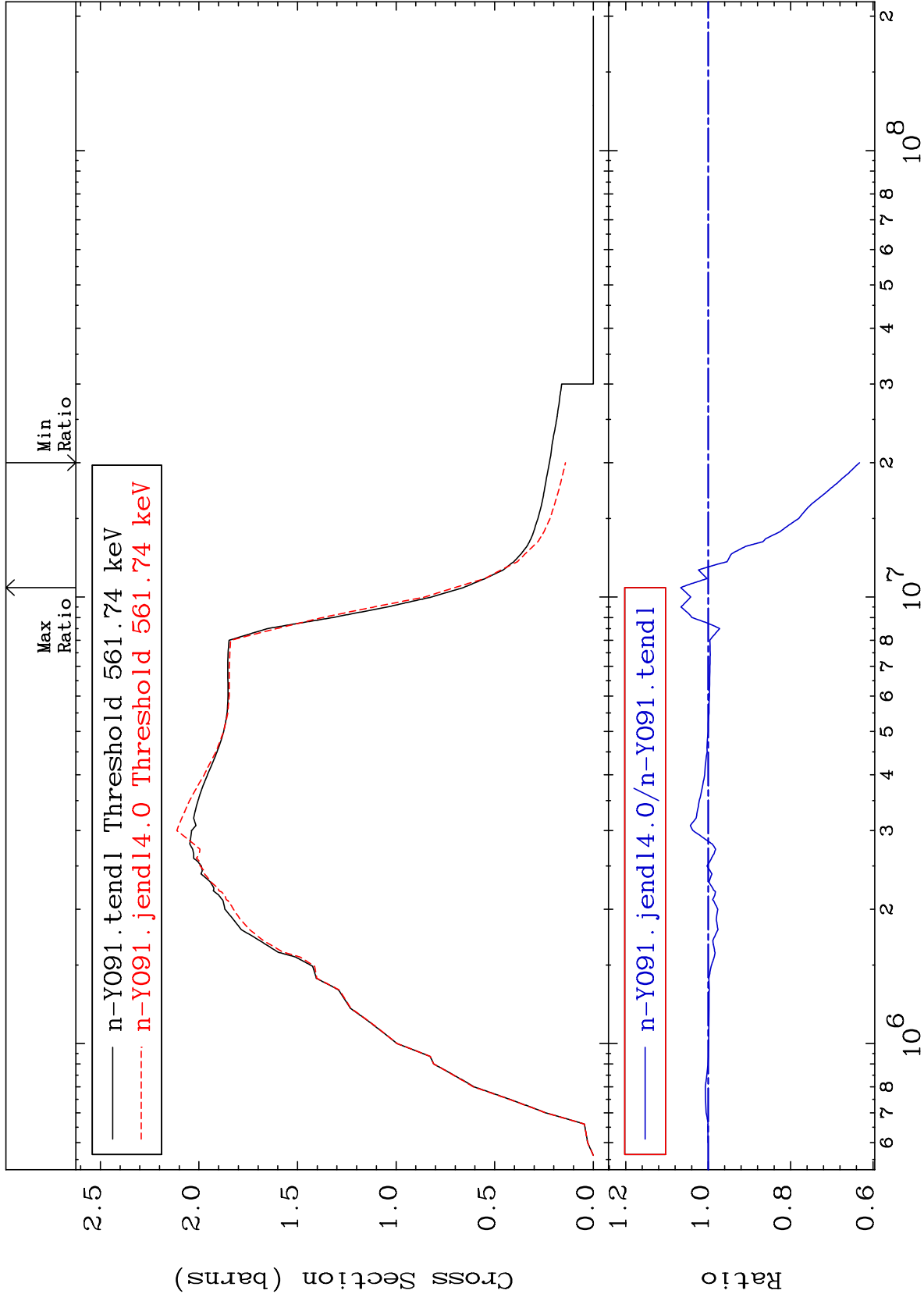
39-Y -91

MAT 3931

39-Y -91

-36.74 To 6.649 %

Inelastic
Cross Section



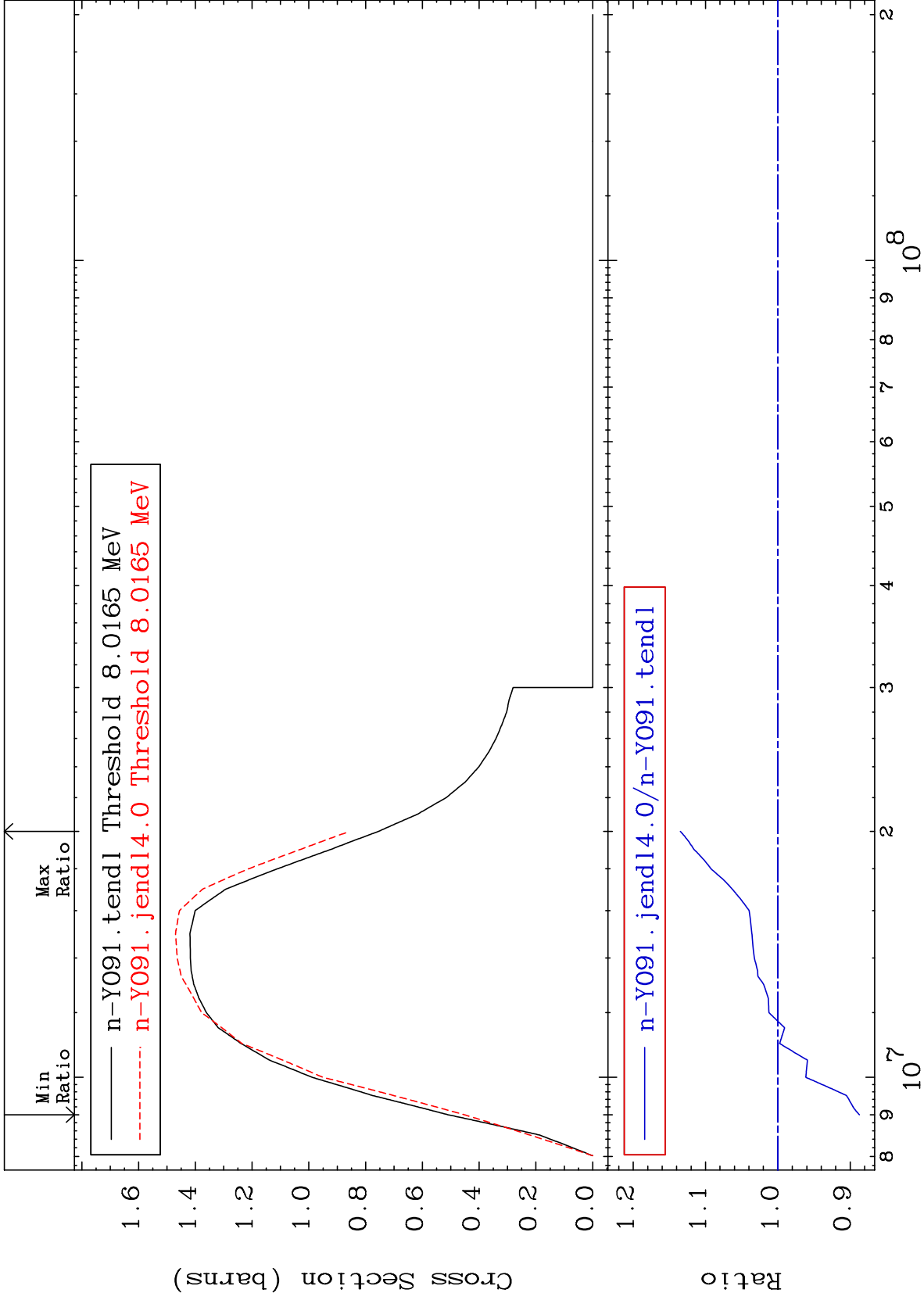
3

Incident Energy (eV)

39-Y -91

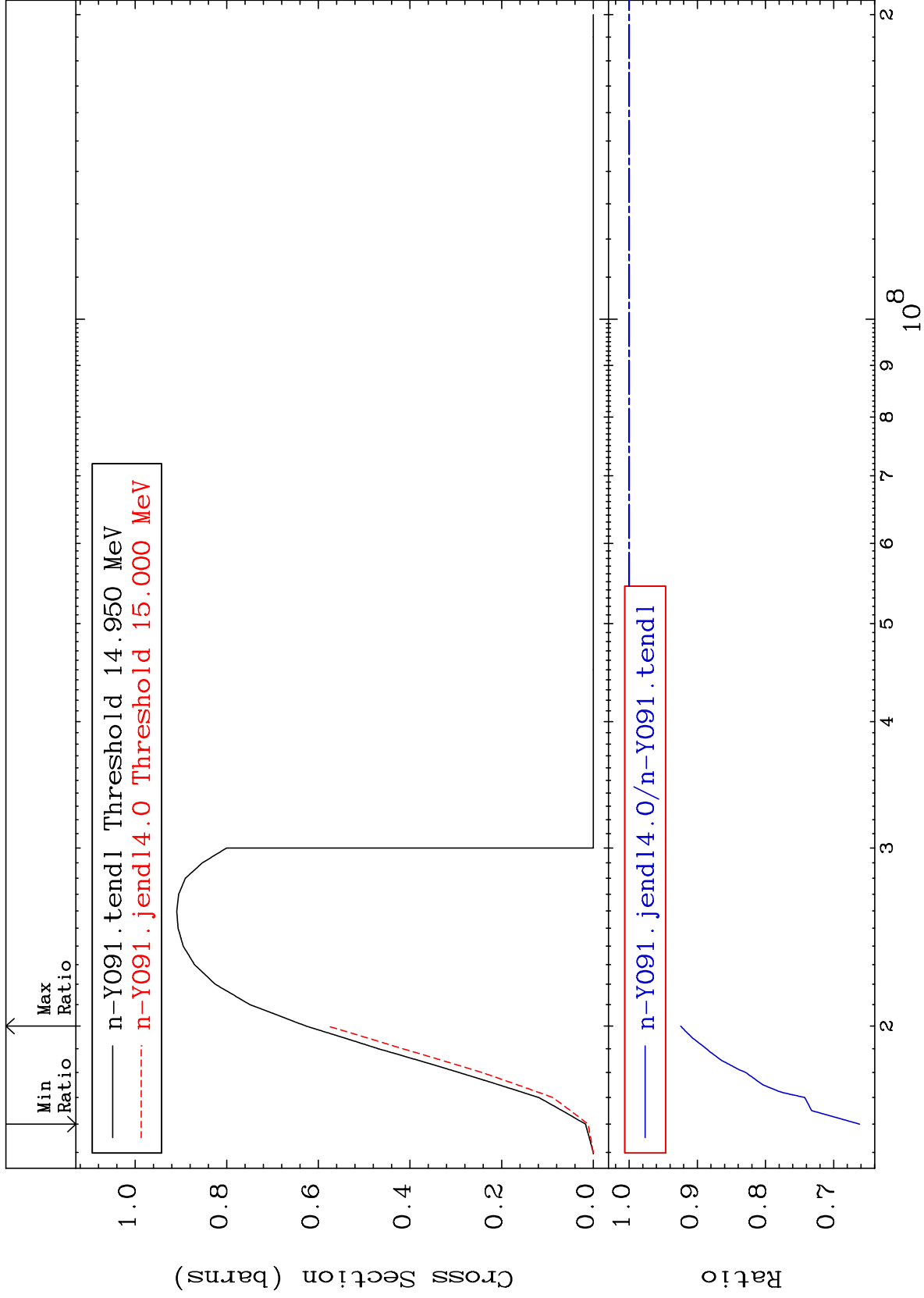
Cross Section

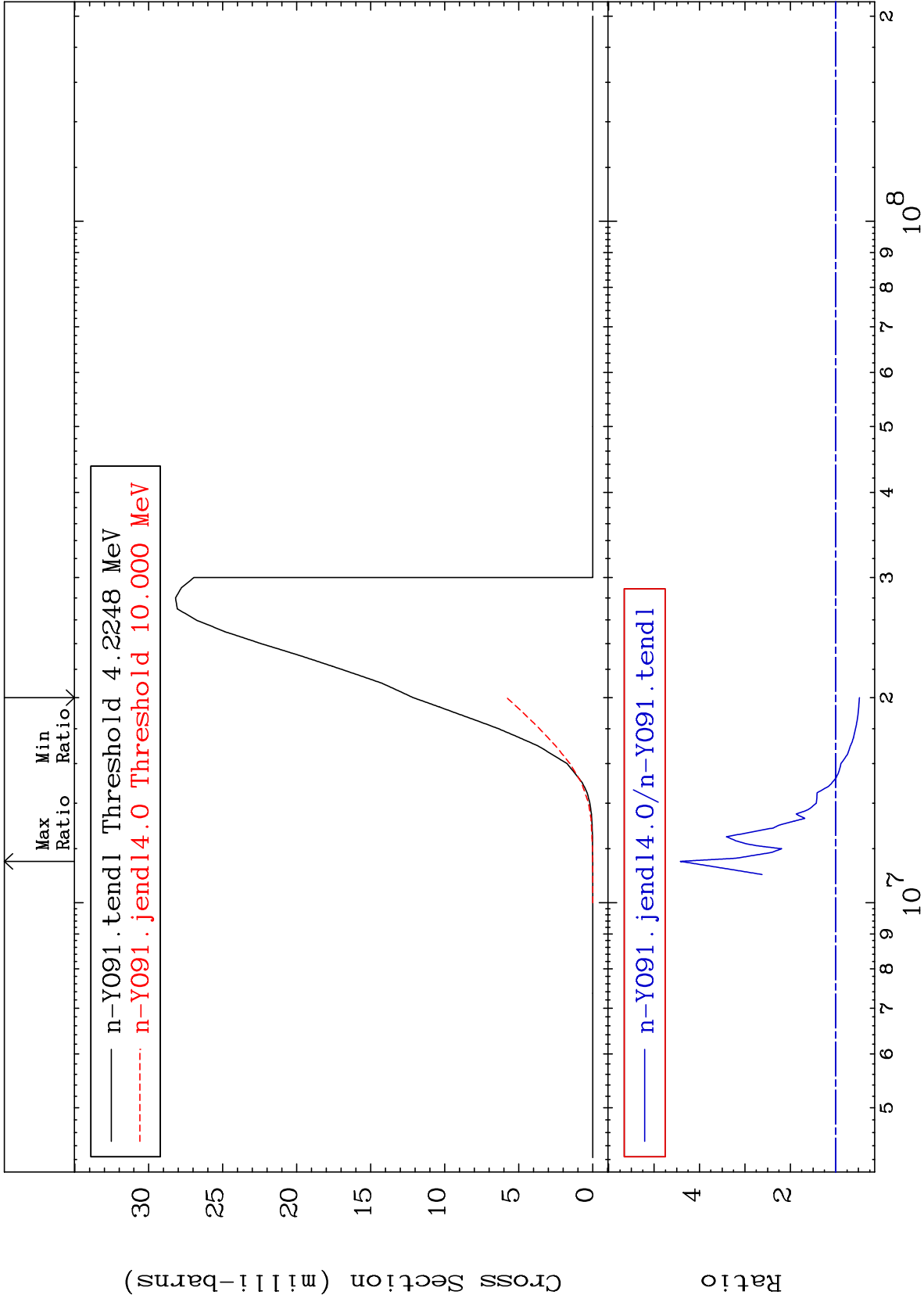
-11.28 To 13.48 %



Cross Section

-33.80 To -7.568%

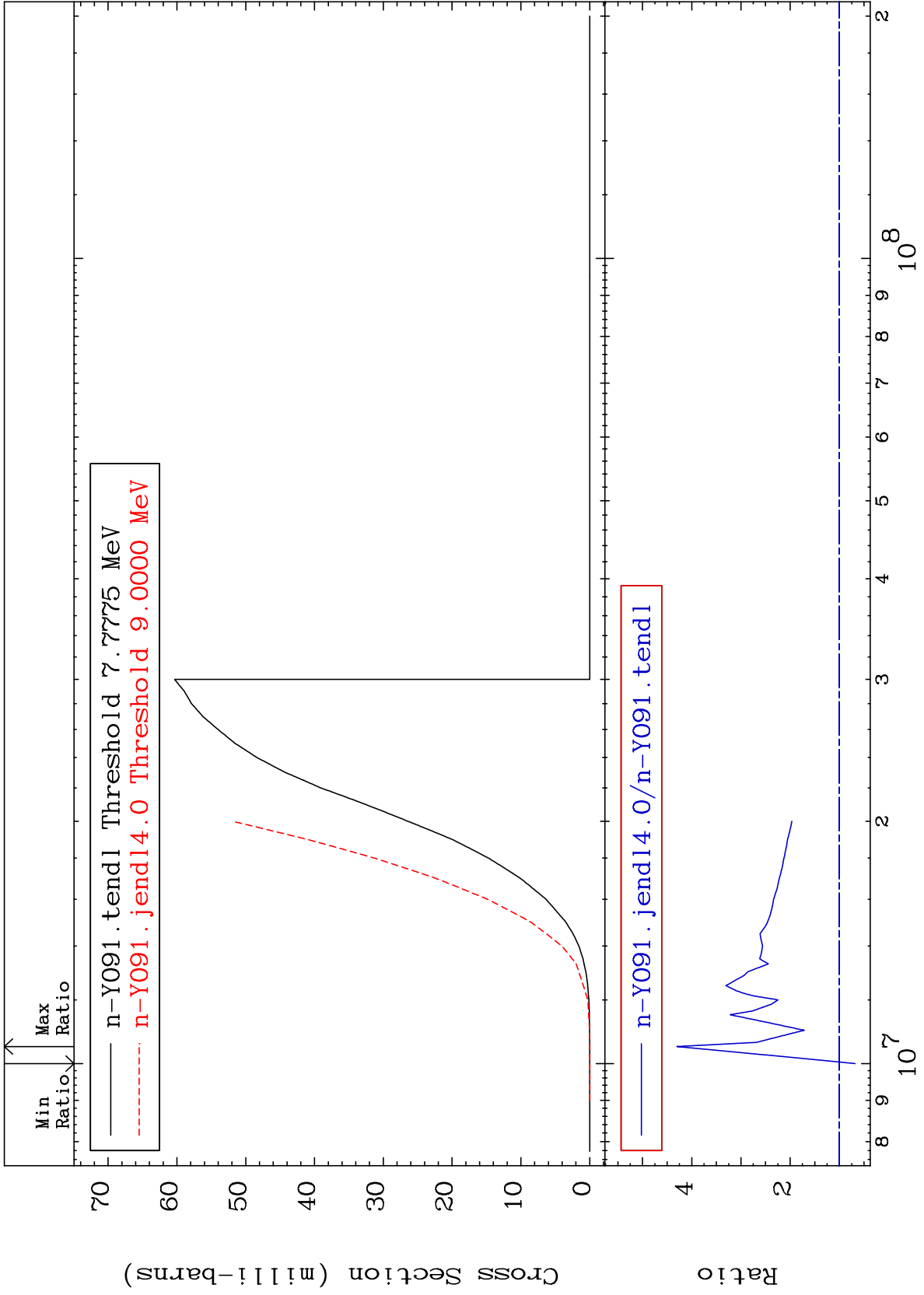




MAT 3931

(n,n') p
Cross Section

39-Y -91
-31.88 To 330.1 %

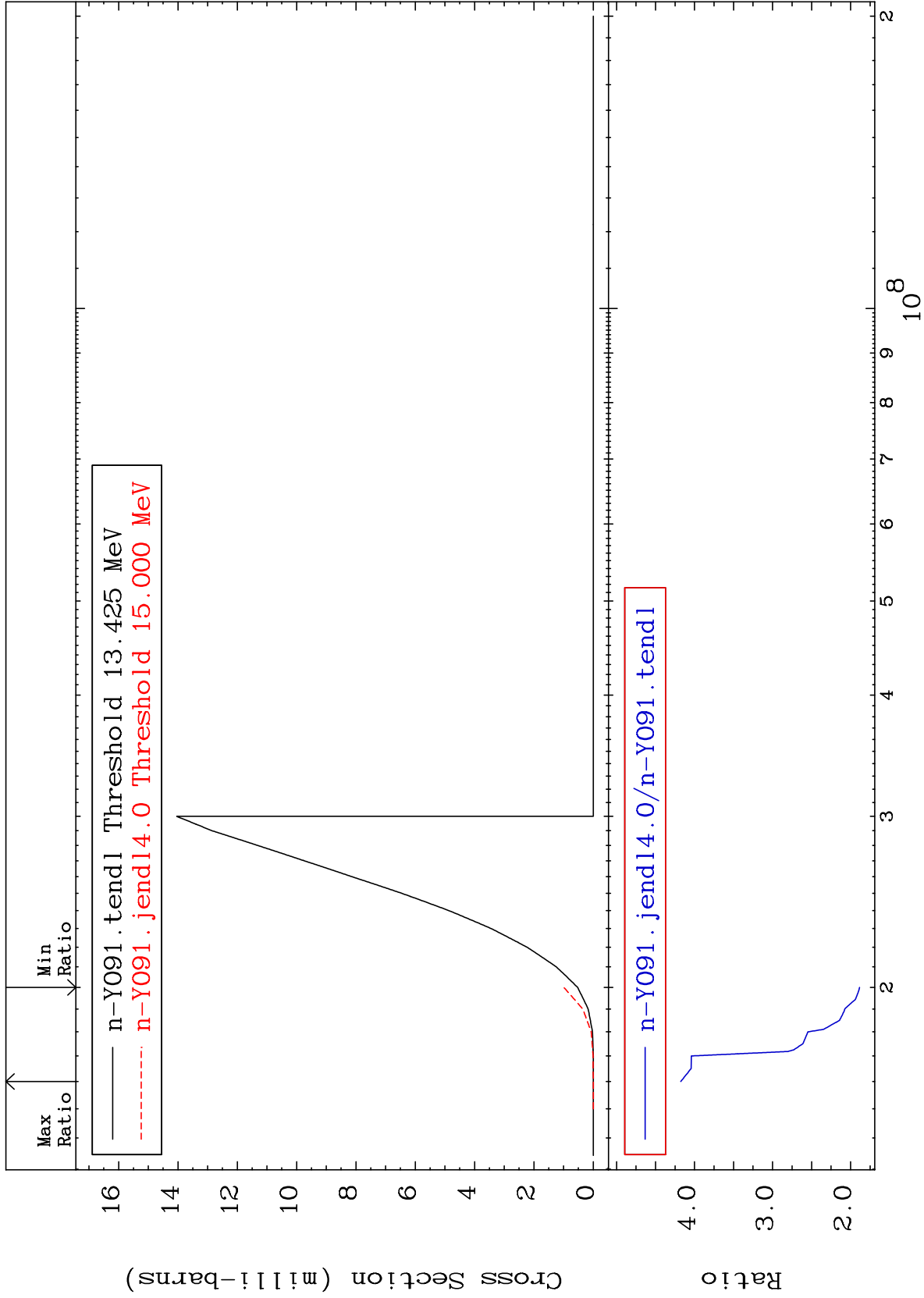


Incident Energy (eV)

39-Y -91

Cross Section

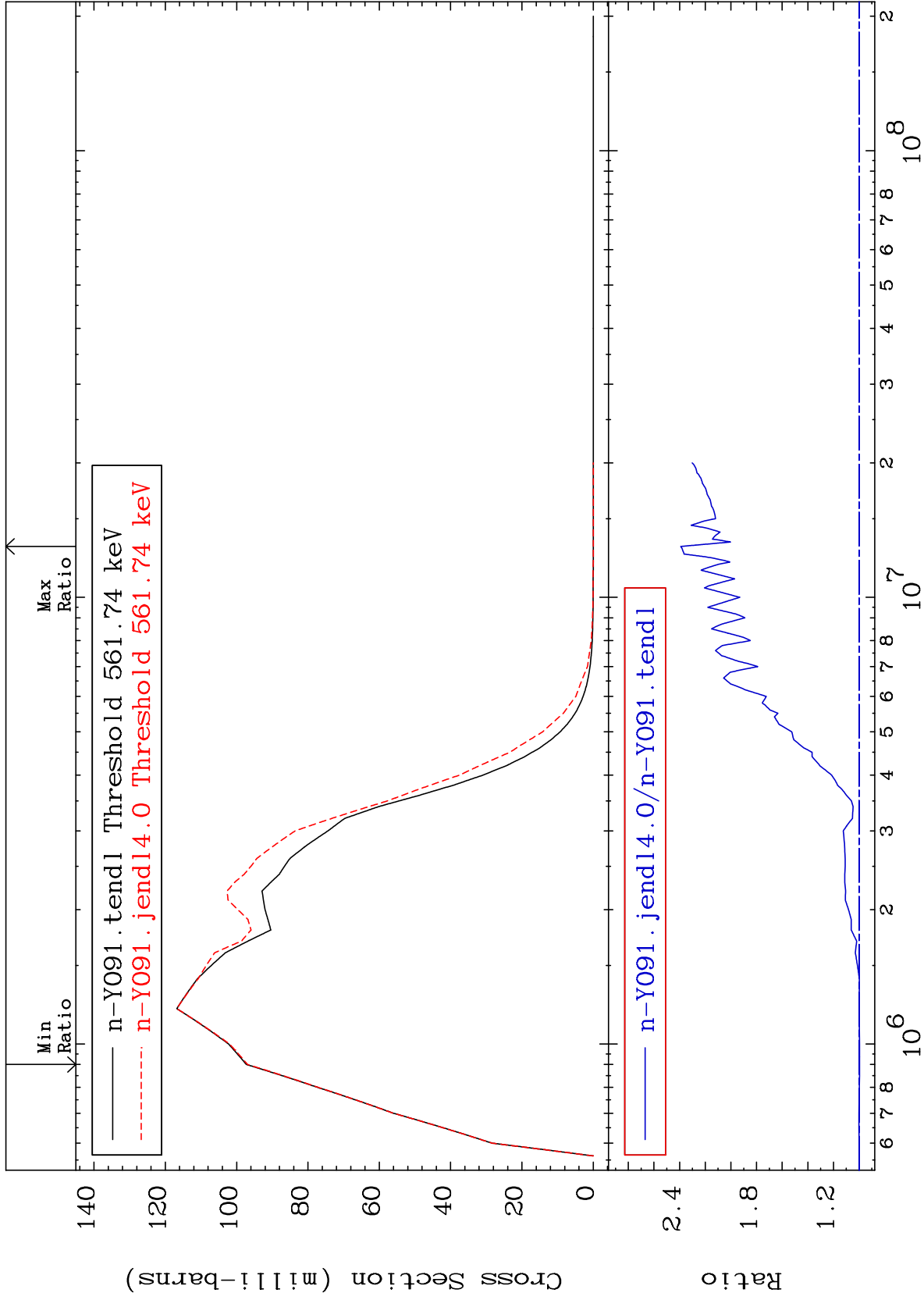
88.53 To 317.6 %



MAT 3931

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

39-Y -91
-0.346 To 139.1 %



9

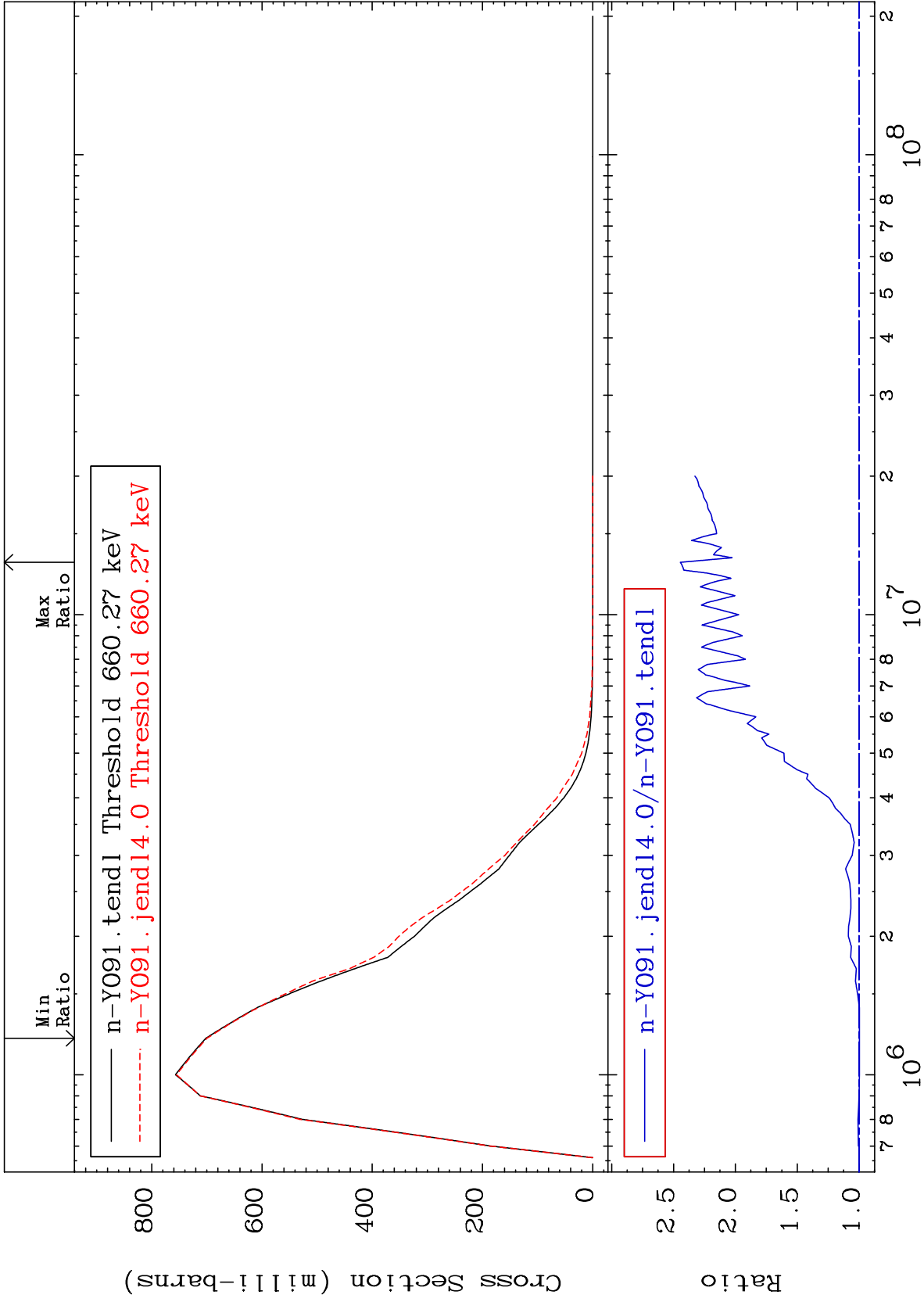
Incident Energy (eV)

39-Y -91

MAT 3931

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

39-Y -91
-0.283 To 144.5 %



10

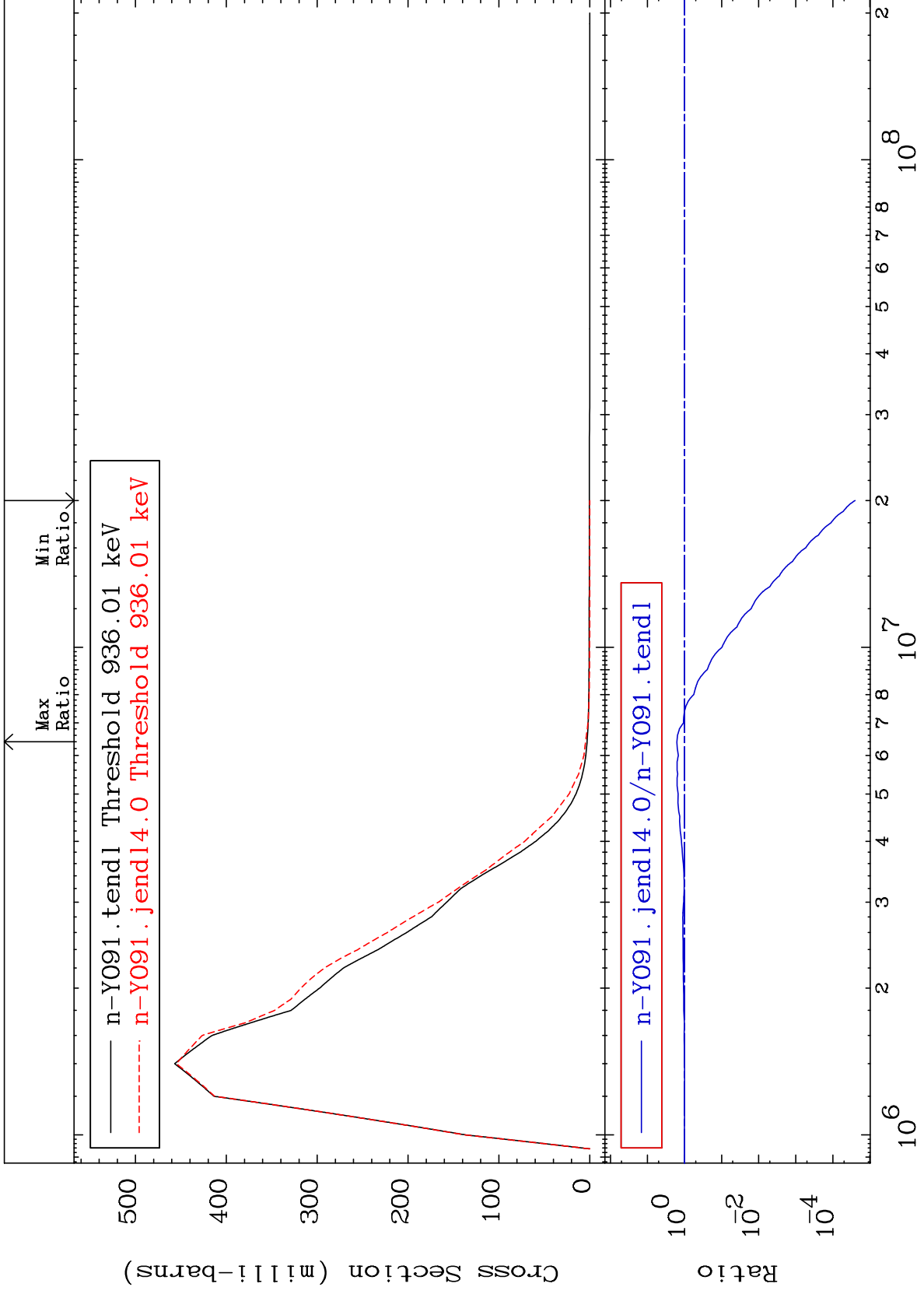
Incident Energy (eV)

39-Y -91

MAT 3931

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

39-Y -91
-100.0 To 60.57 %



11

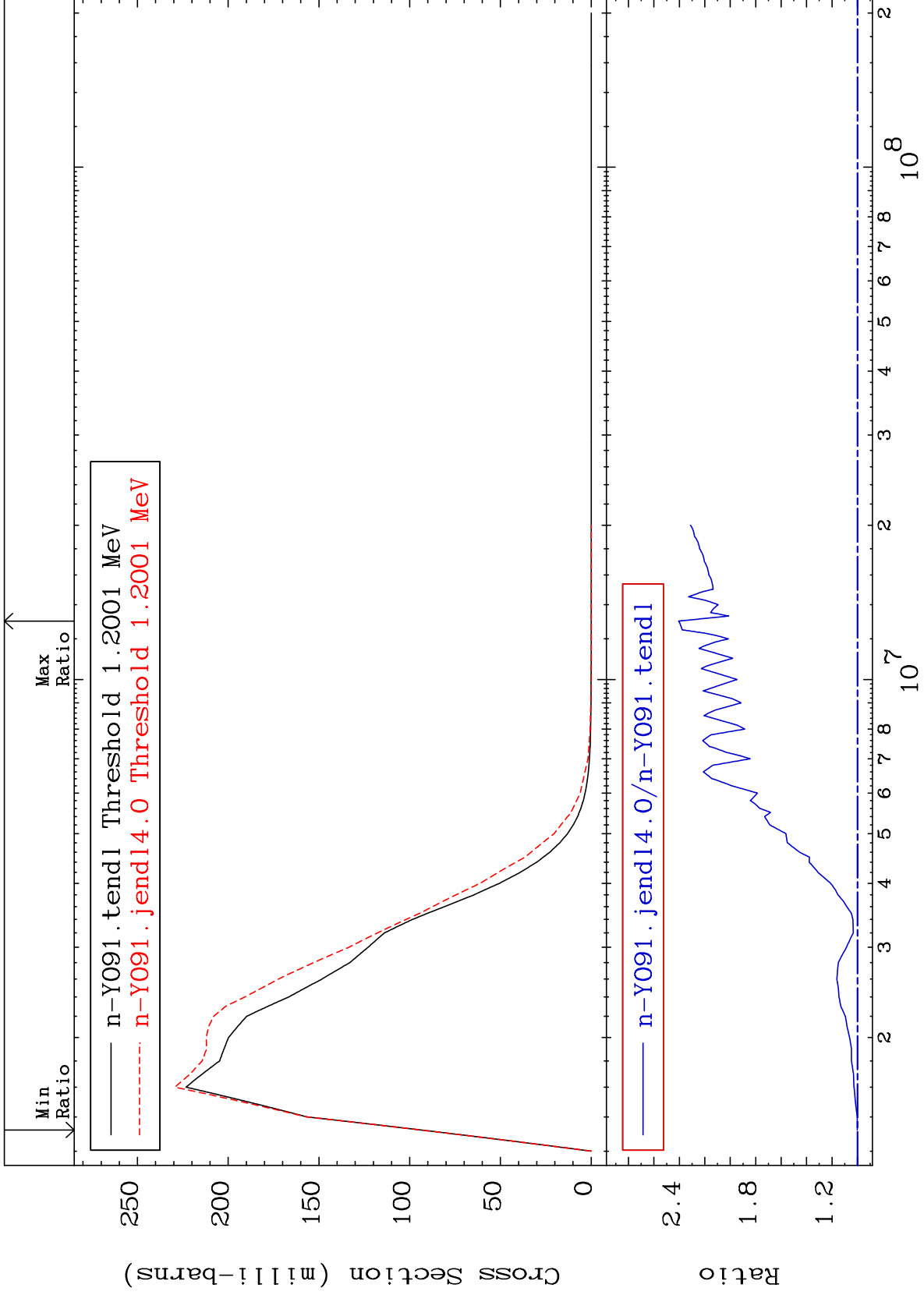
Incident Energy (eV)

39-Y -91

MAT 3931

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

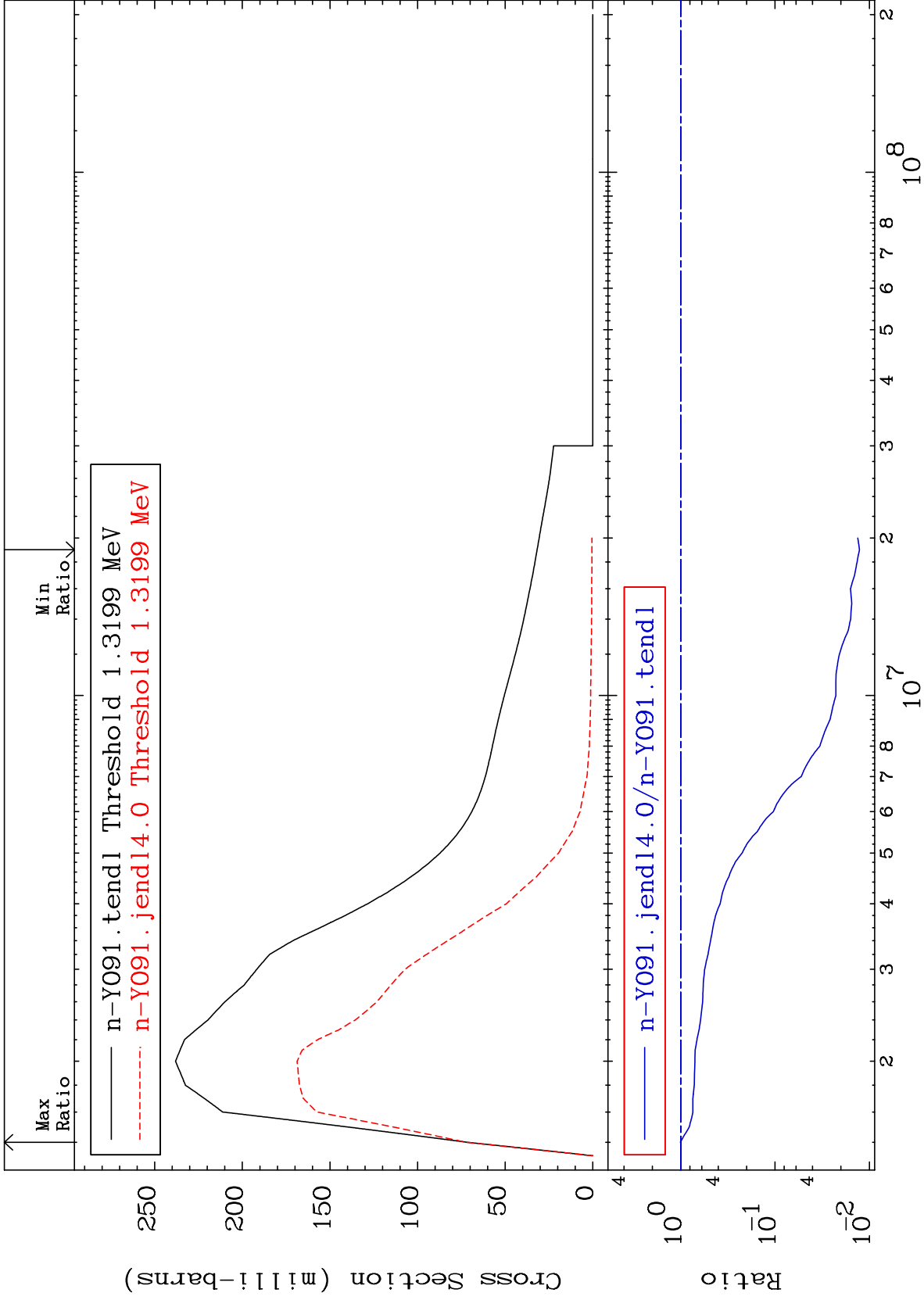
39-Y -91
0.157 To 140.6 %



MAT 3931

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

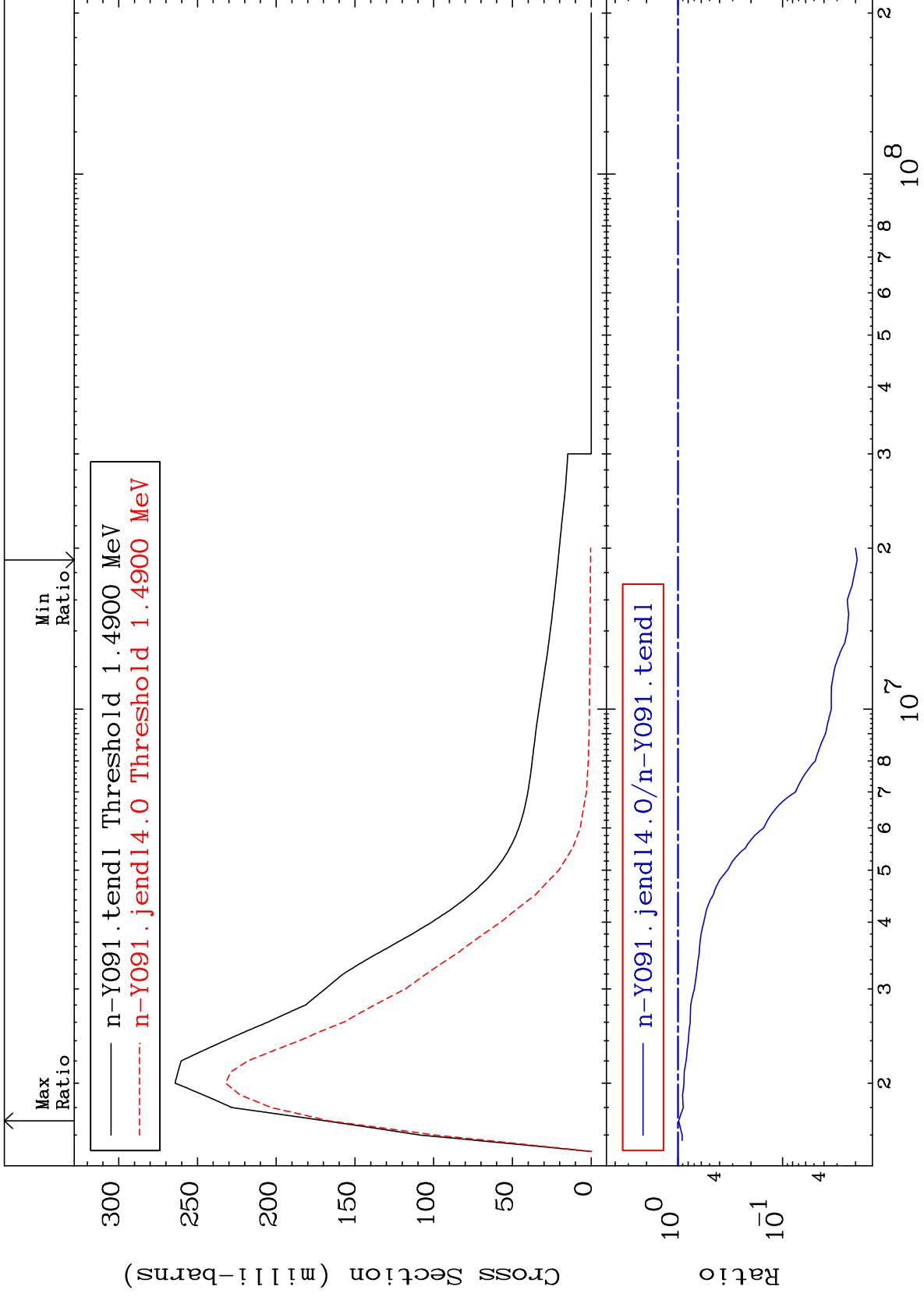
39-Y -91
-98.73 To 1.048 %



MAT 3931

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

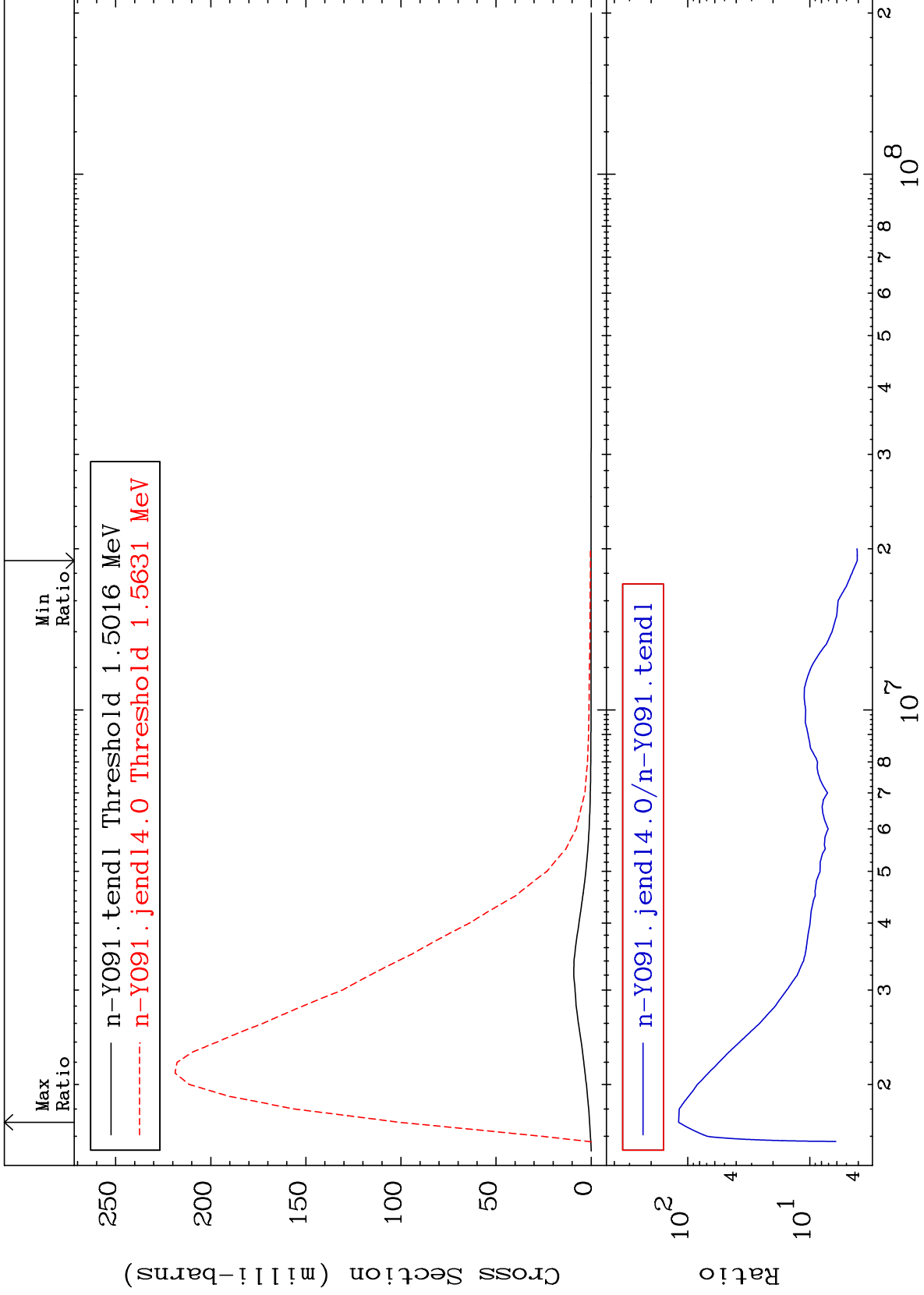
39-Y -91
-98.08 To -1.308%



MAT 3931

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

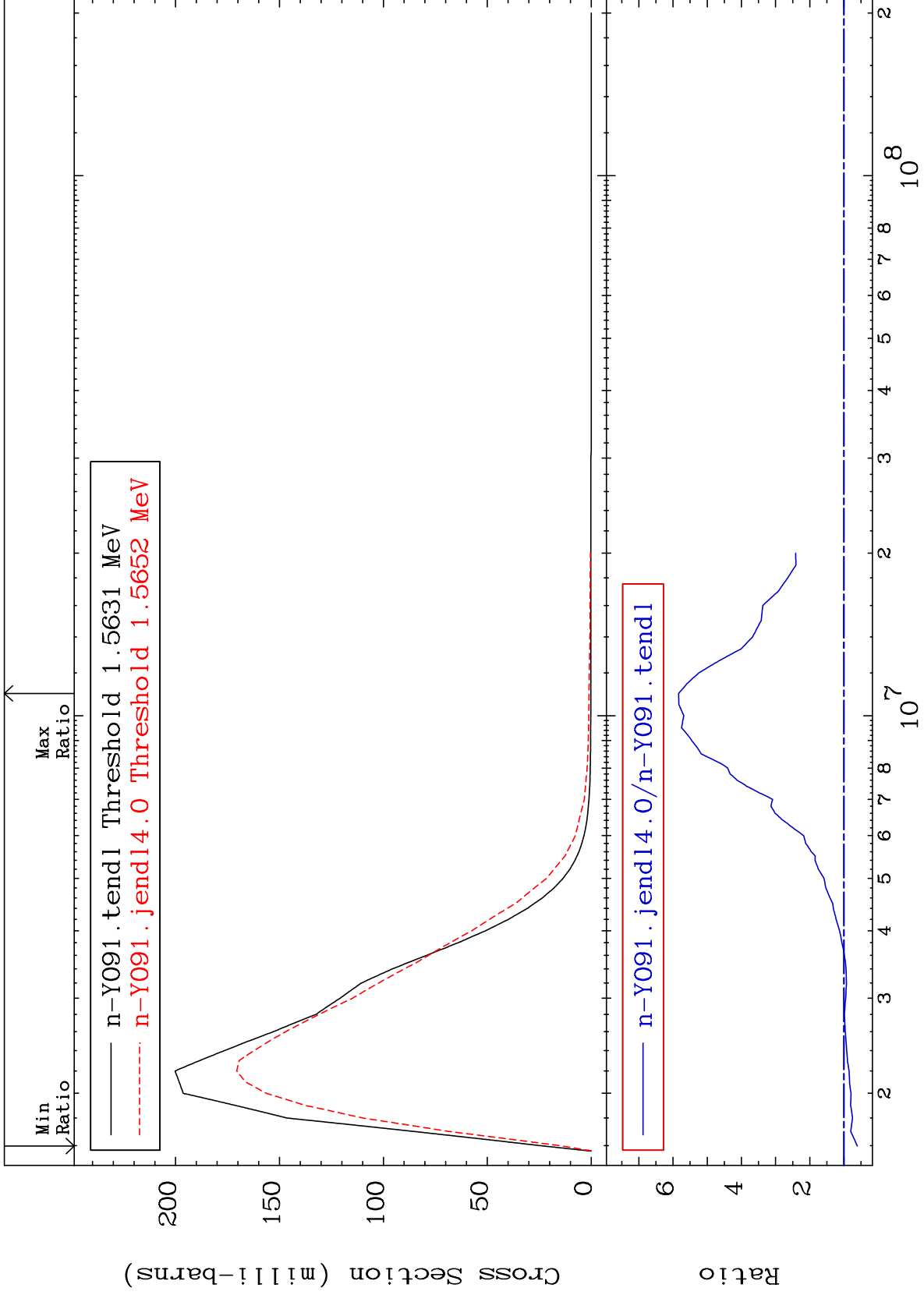
39-Y -91
307.7 To 9999. %



MAT 3931

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

39-Y -91
-38.84 To 483.5 %



16

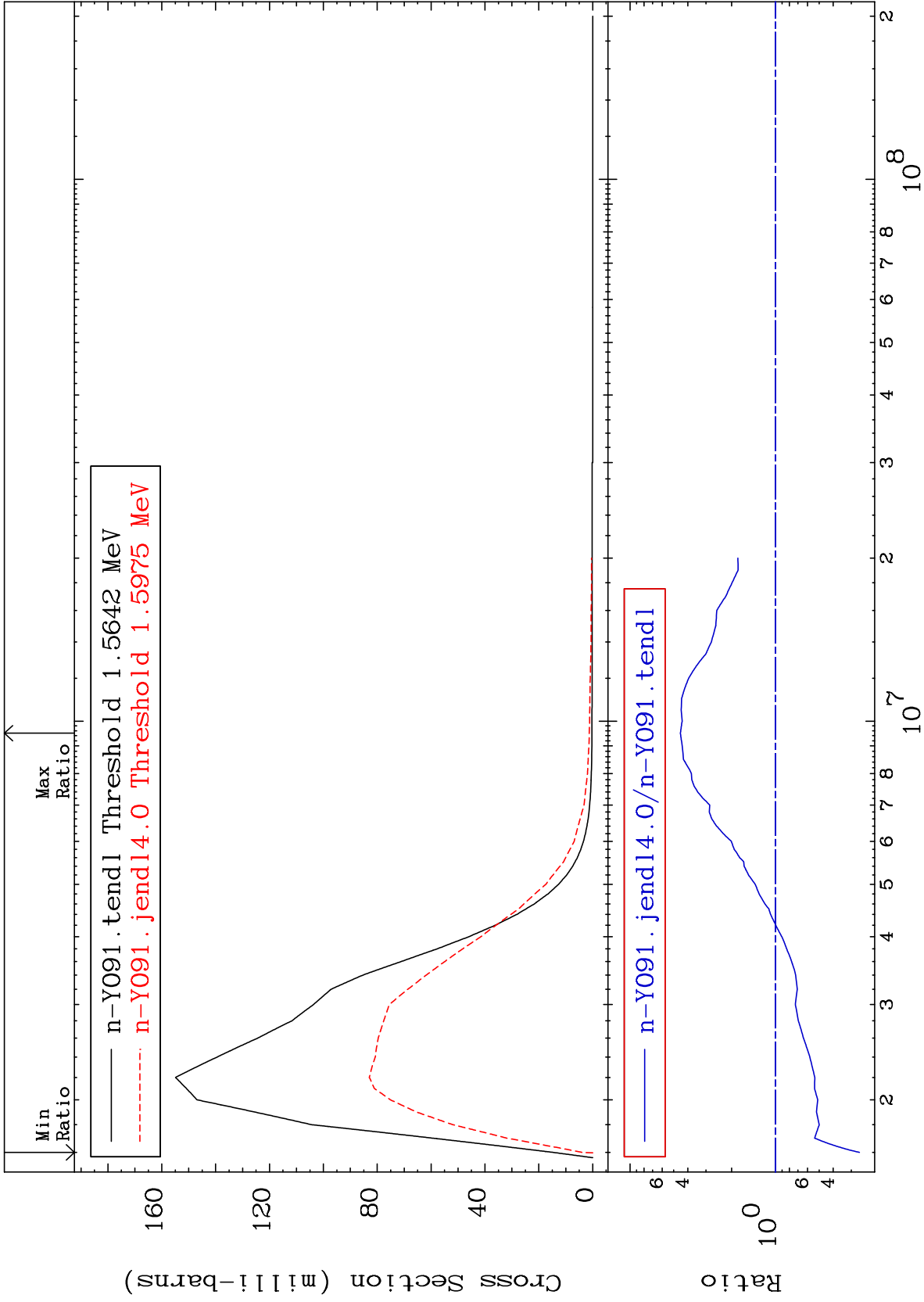
Incident Energy (eV)

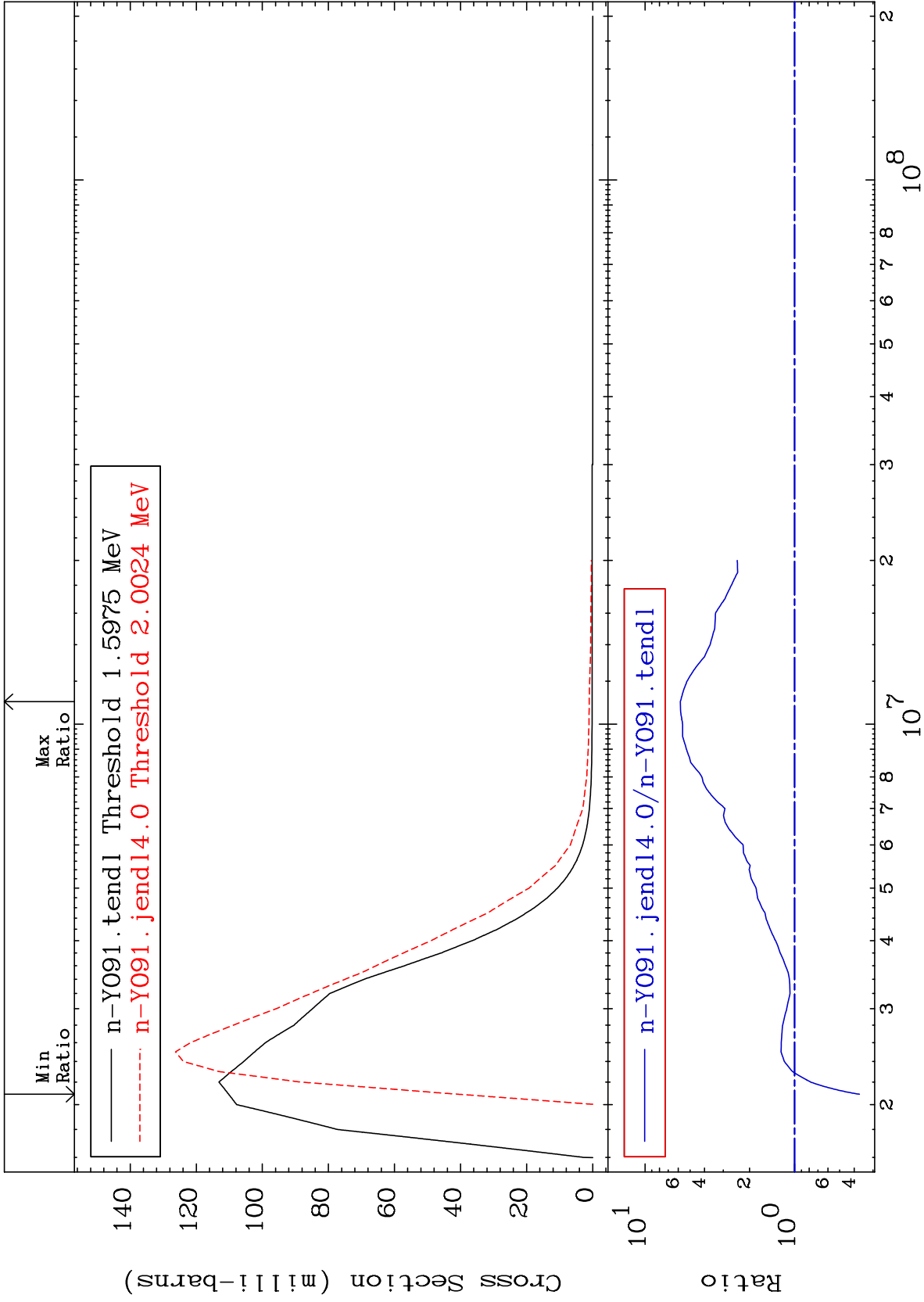
39-Y -91

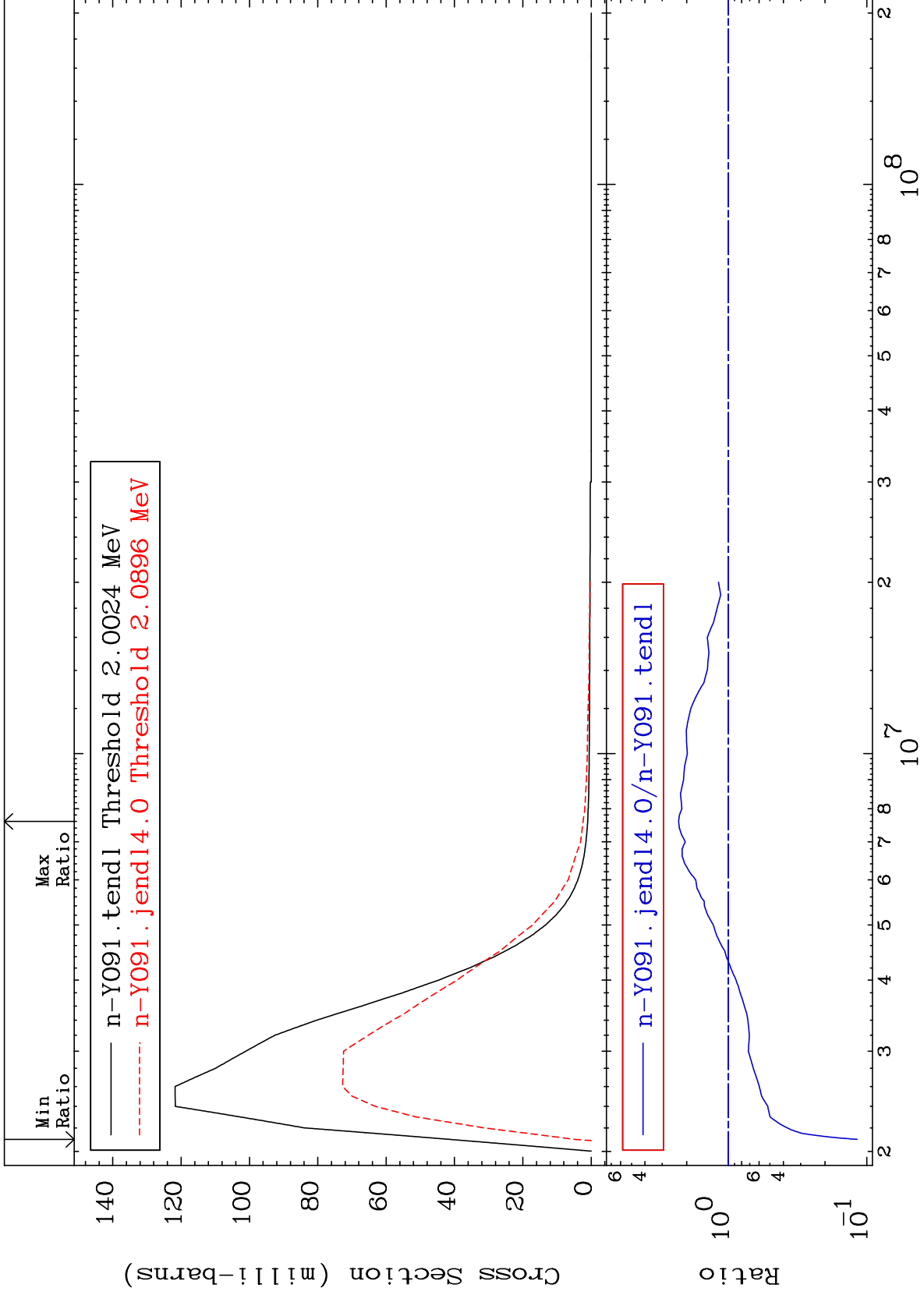
MAT 3931

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

39-Y -91
-73.61 To 350.1 %



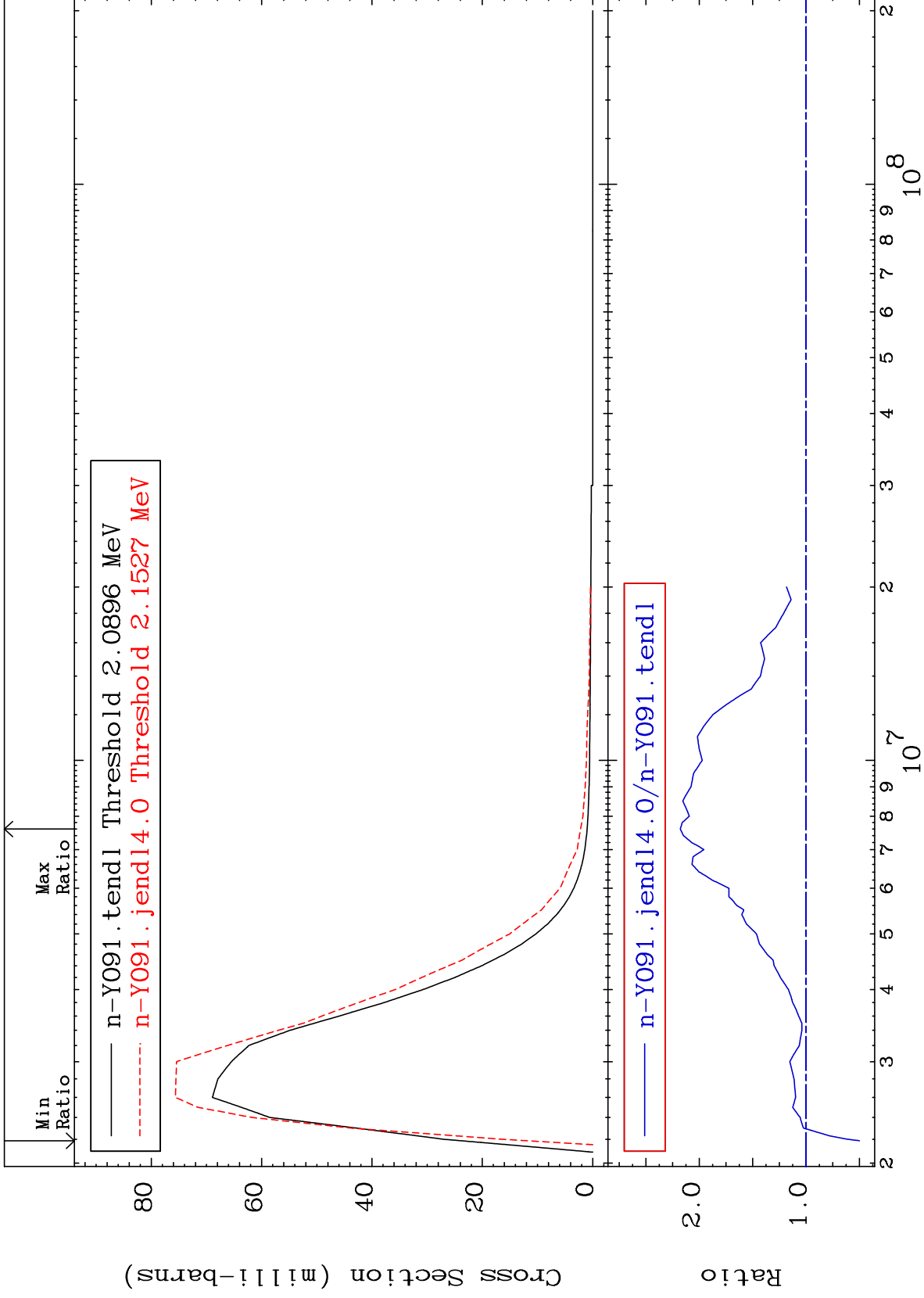




MAT 3931

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

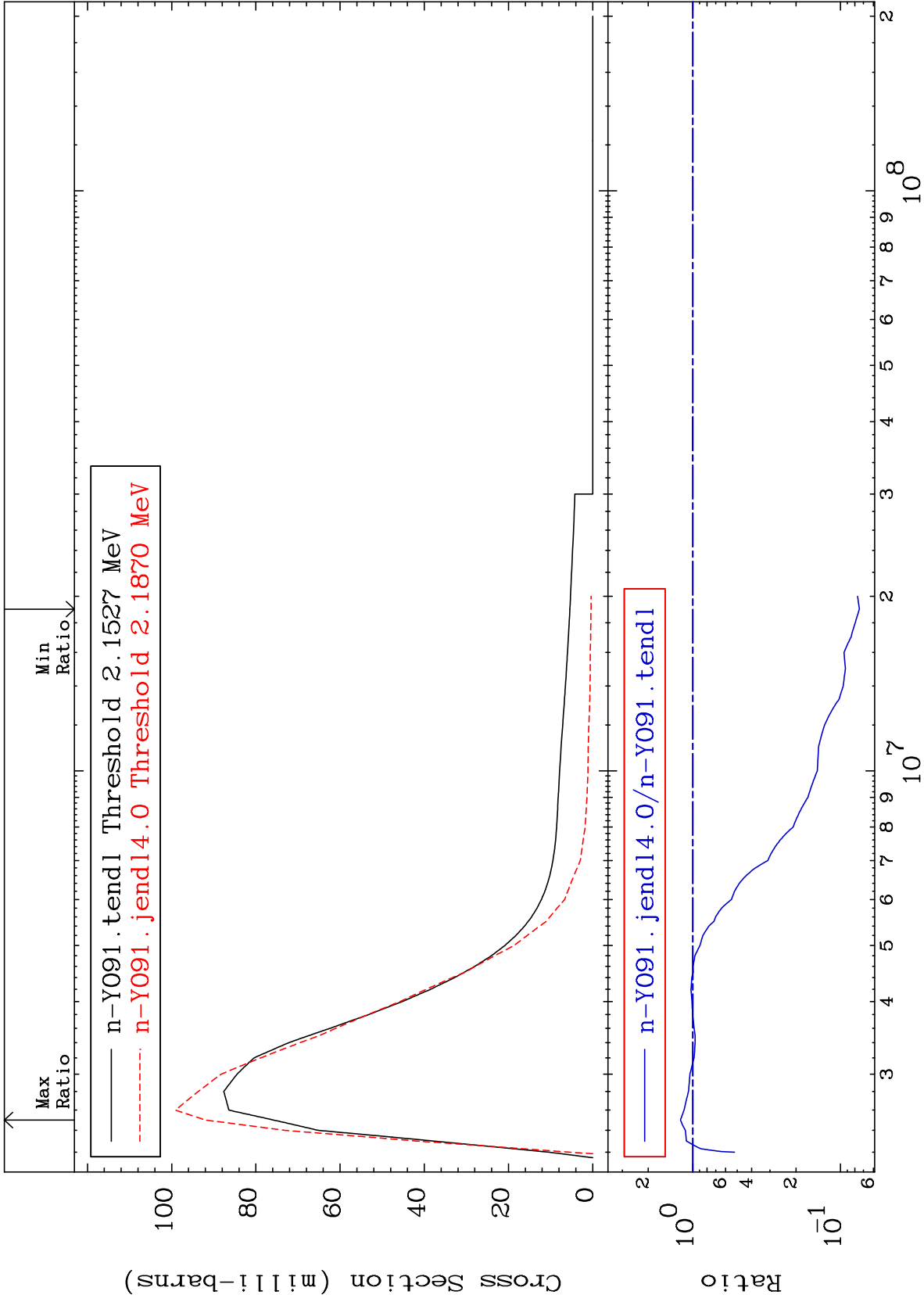
39-Y -91
-50.08 To 117.7 %

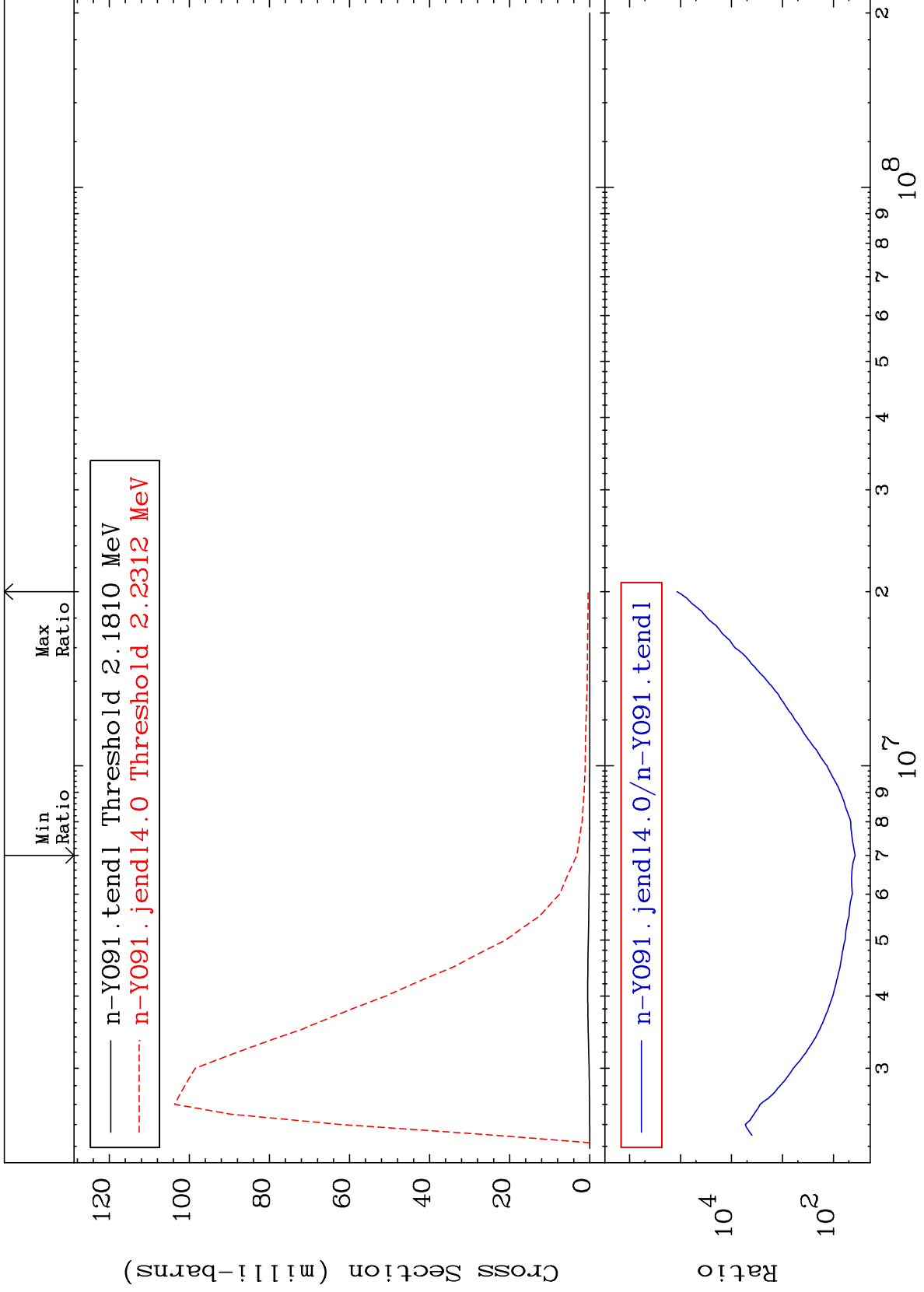


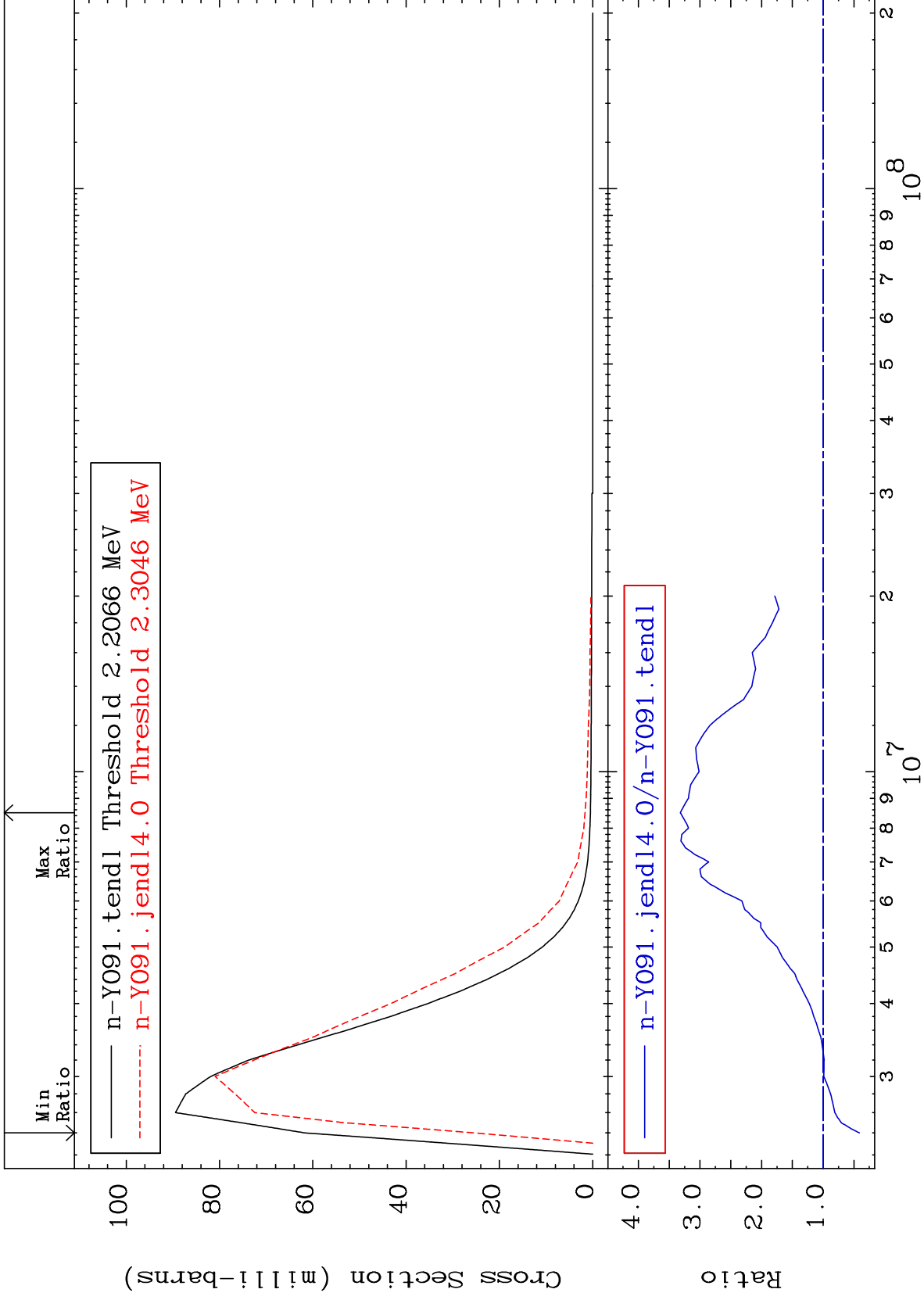
20

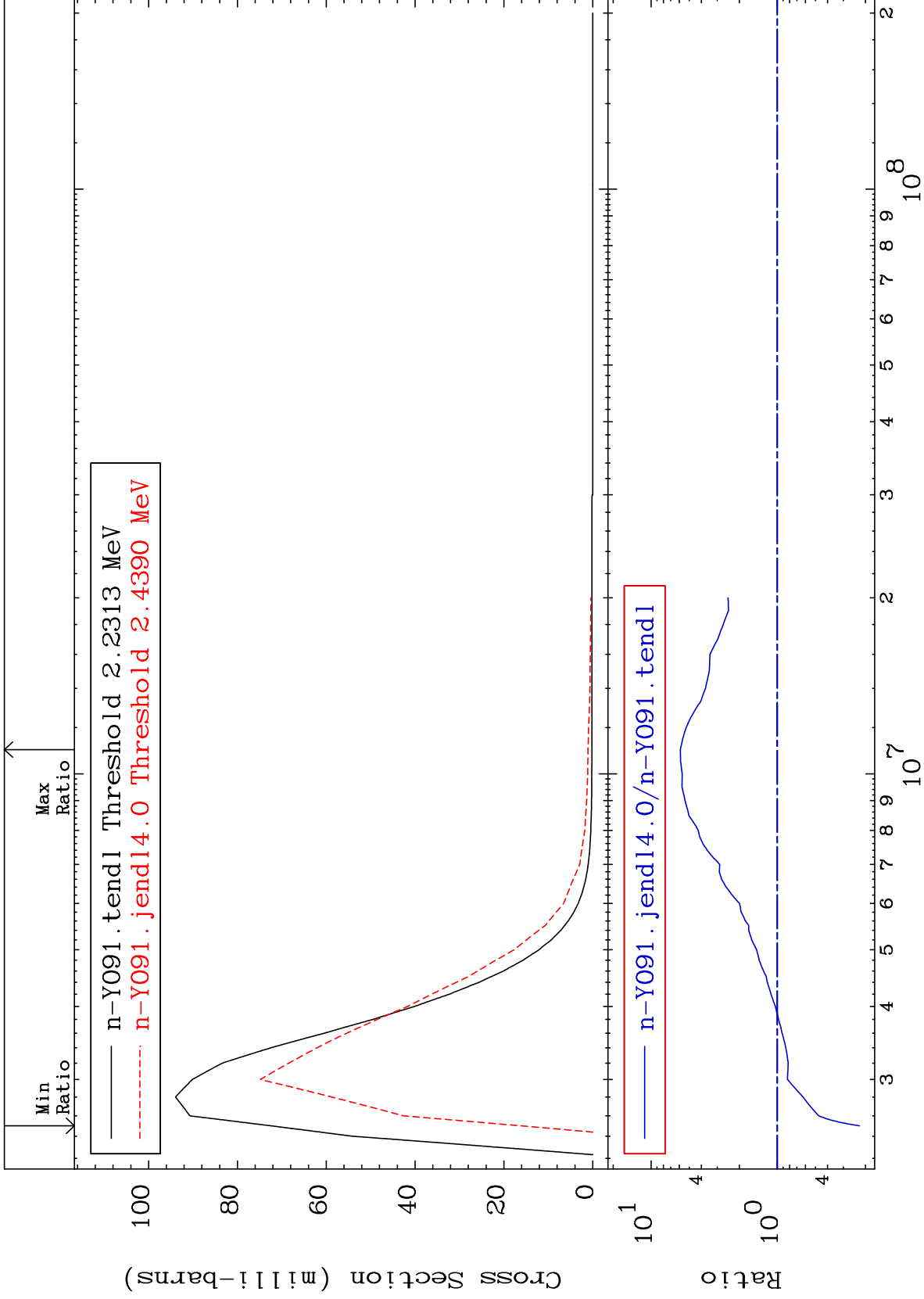
Incident Energy (eV)

39-Y -91





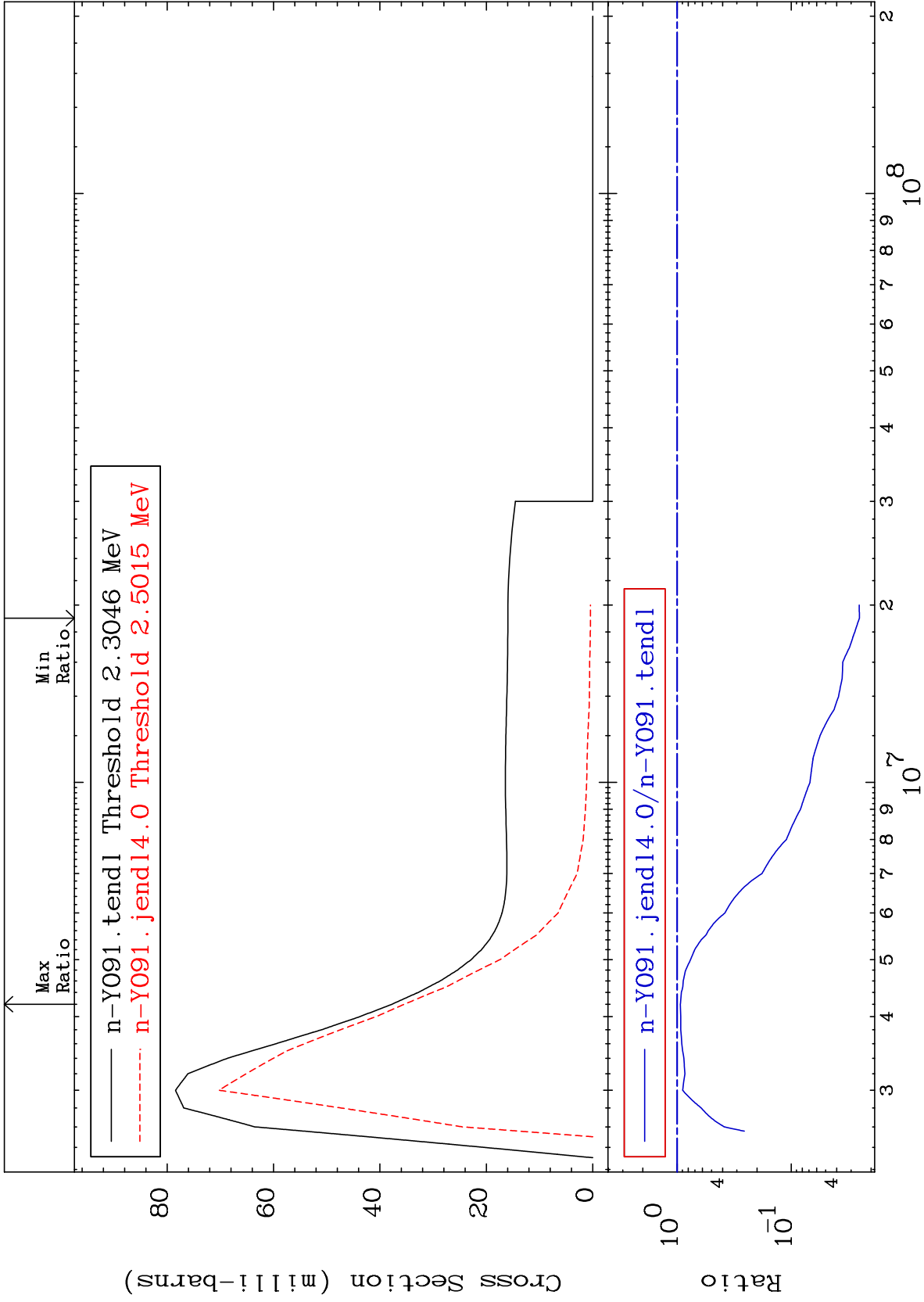


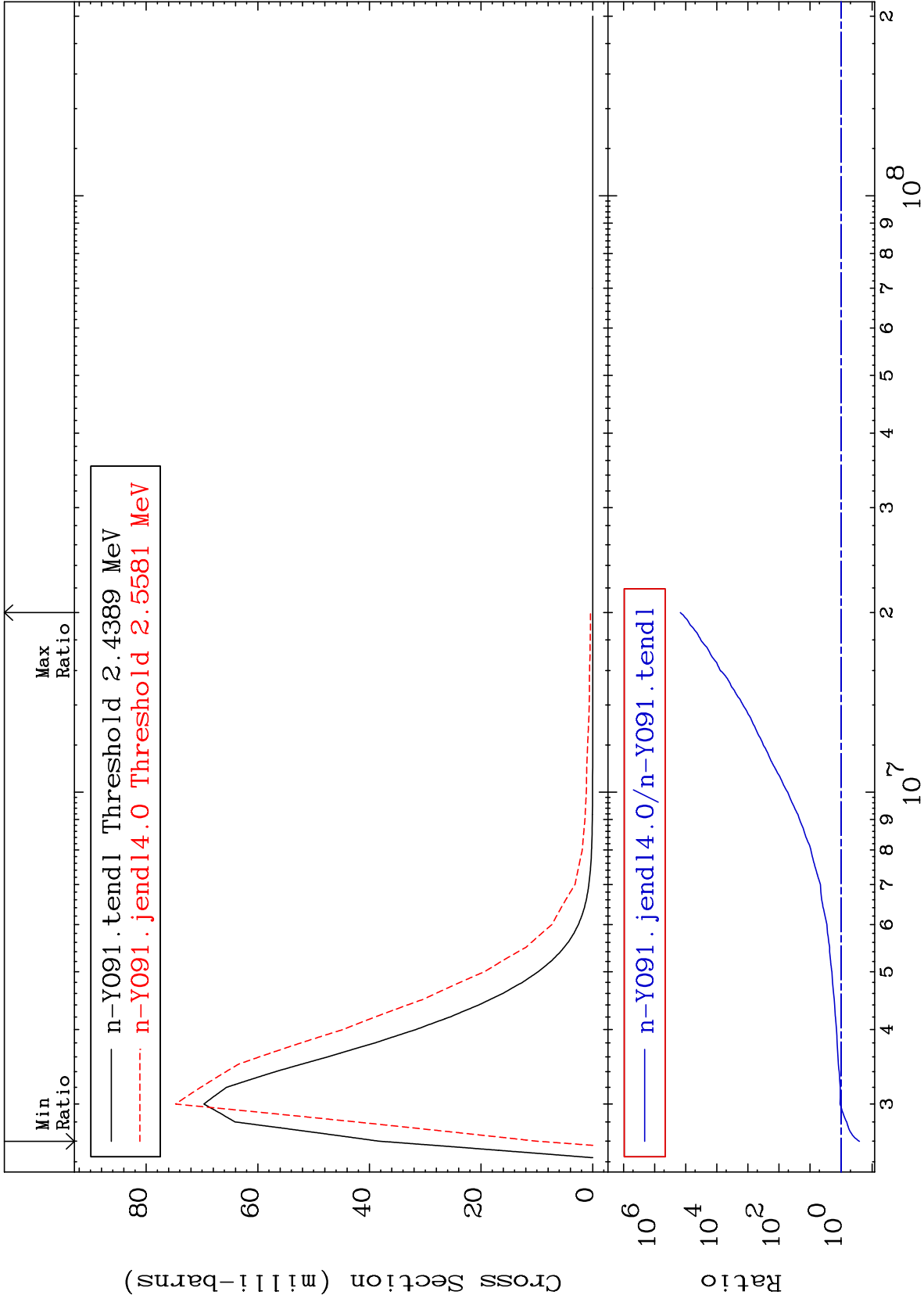


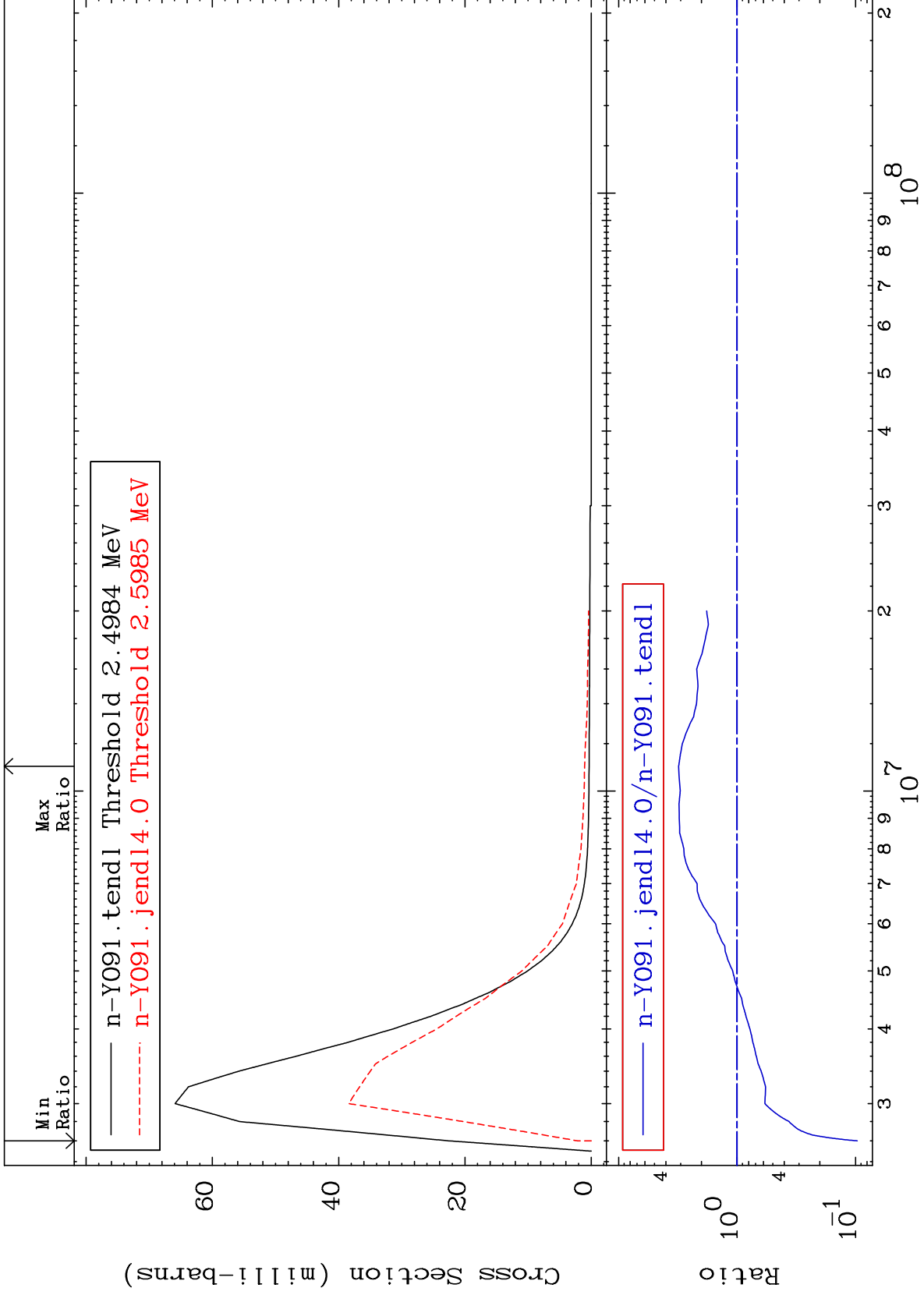
MAT 3931

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

39-Y -91
-97.47 To -6.253%



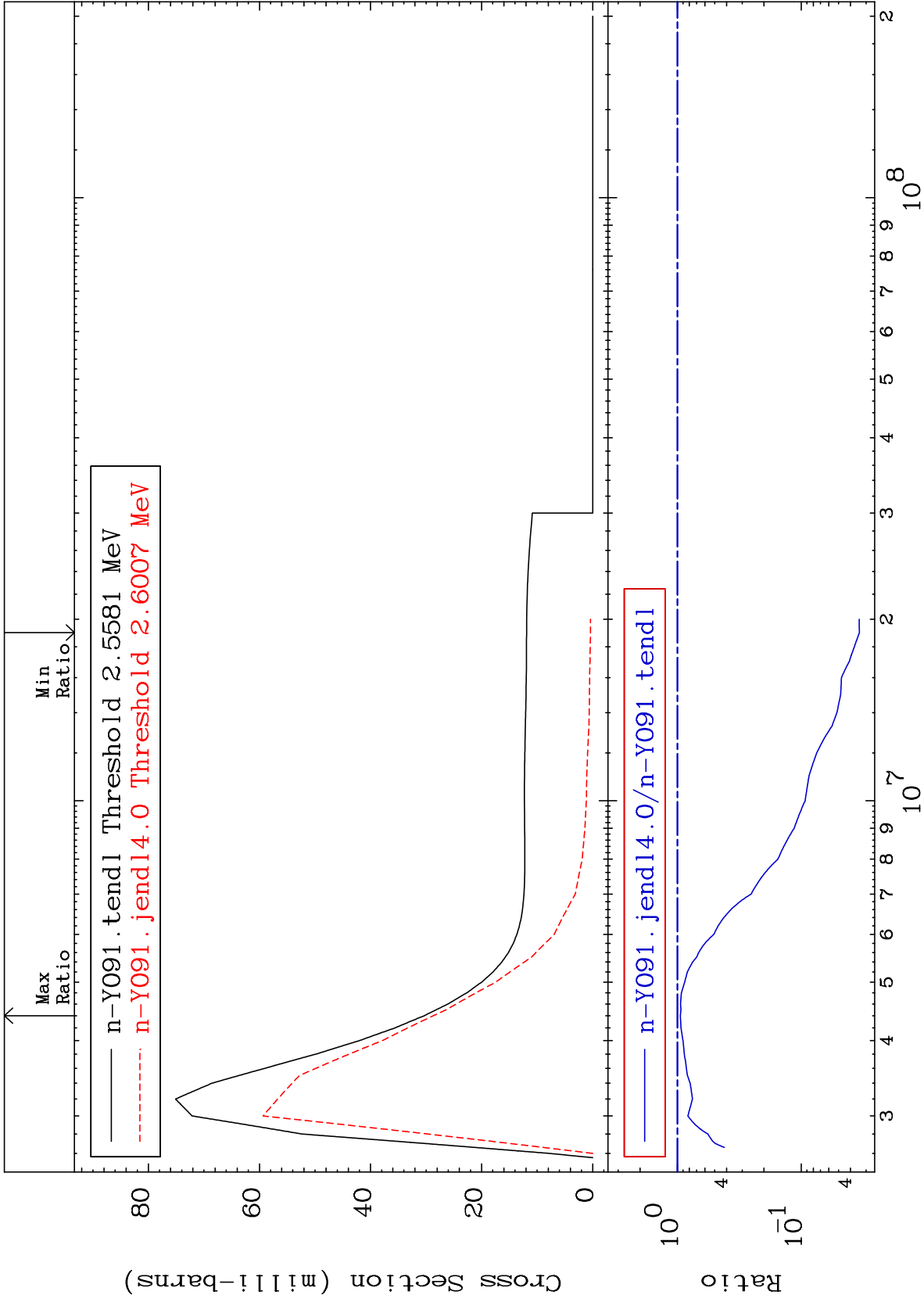




MAT 3931

MT= 70 (n,n') Level
Cross Section

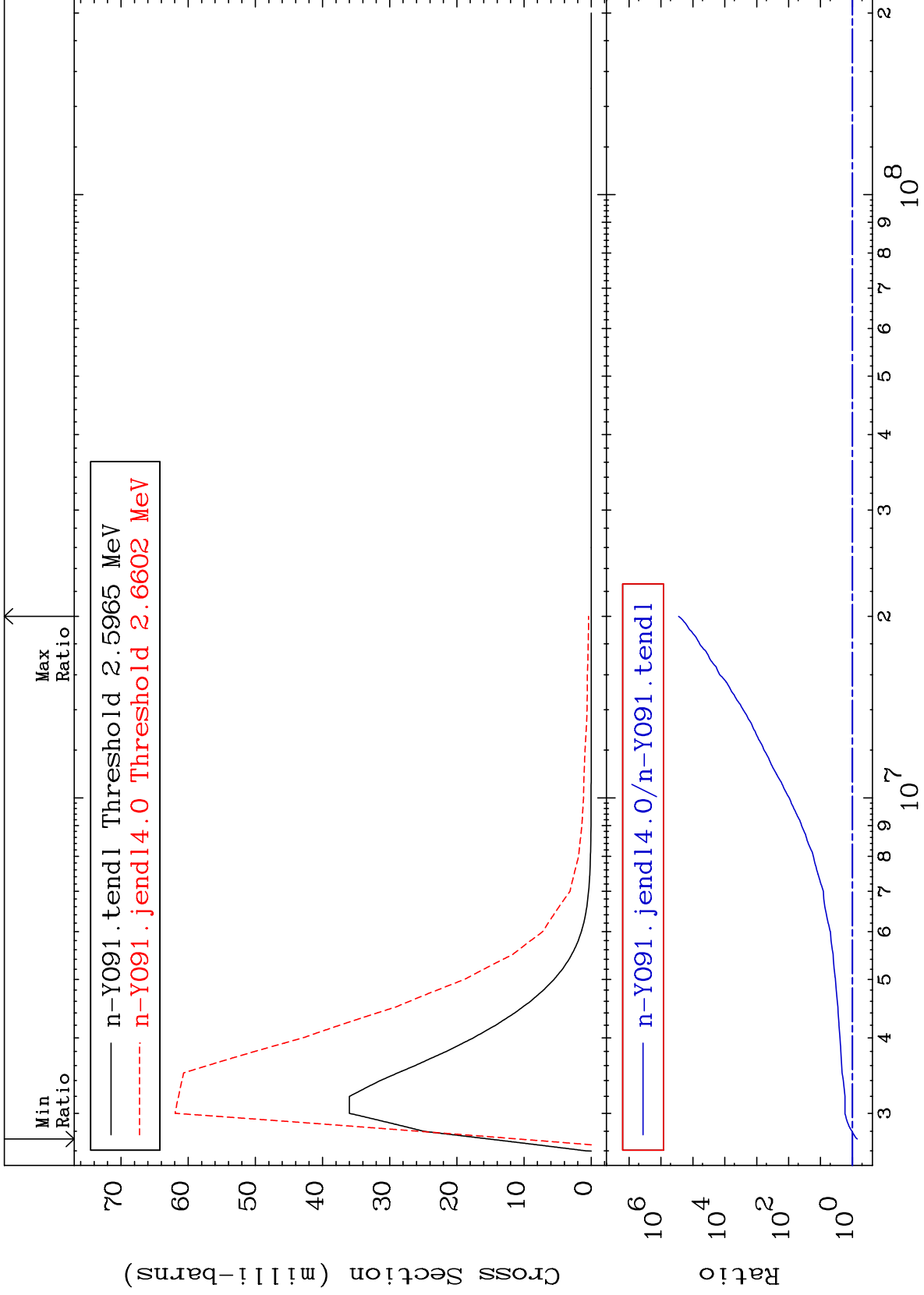
39-Y -91
-96.61 To -5.412%



MAT 3931

MT= 71 (n,n') Level
Cross Section

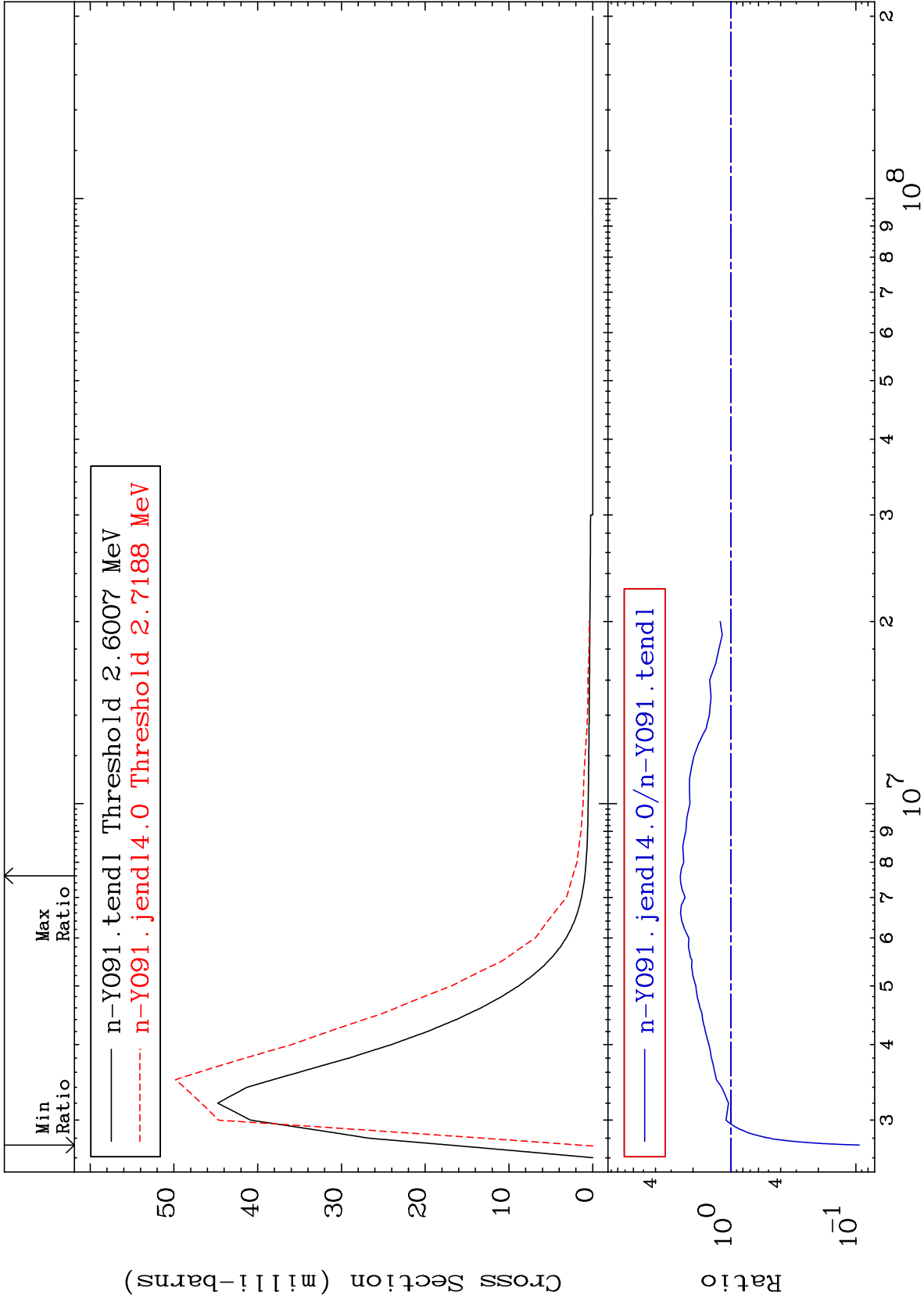
39-Y -91
-29.31 To 9999. %



MAT 3931

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

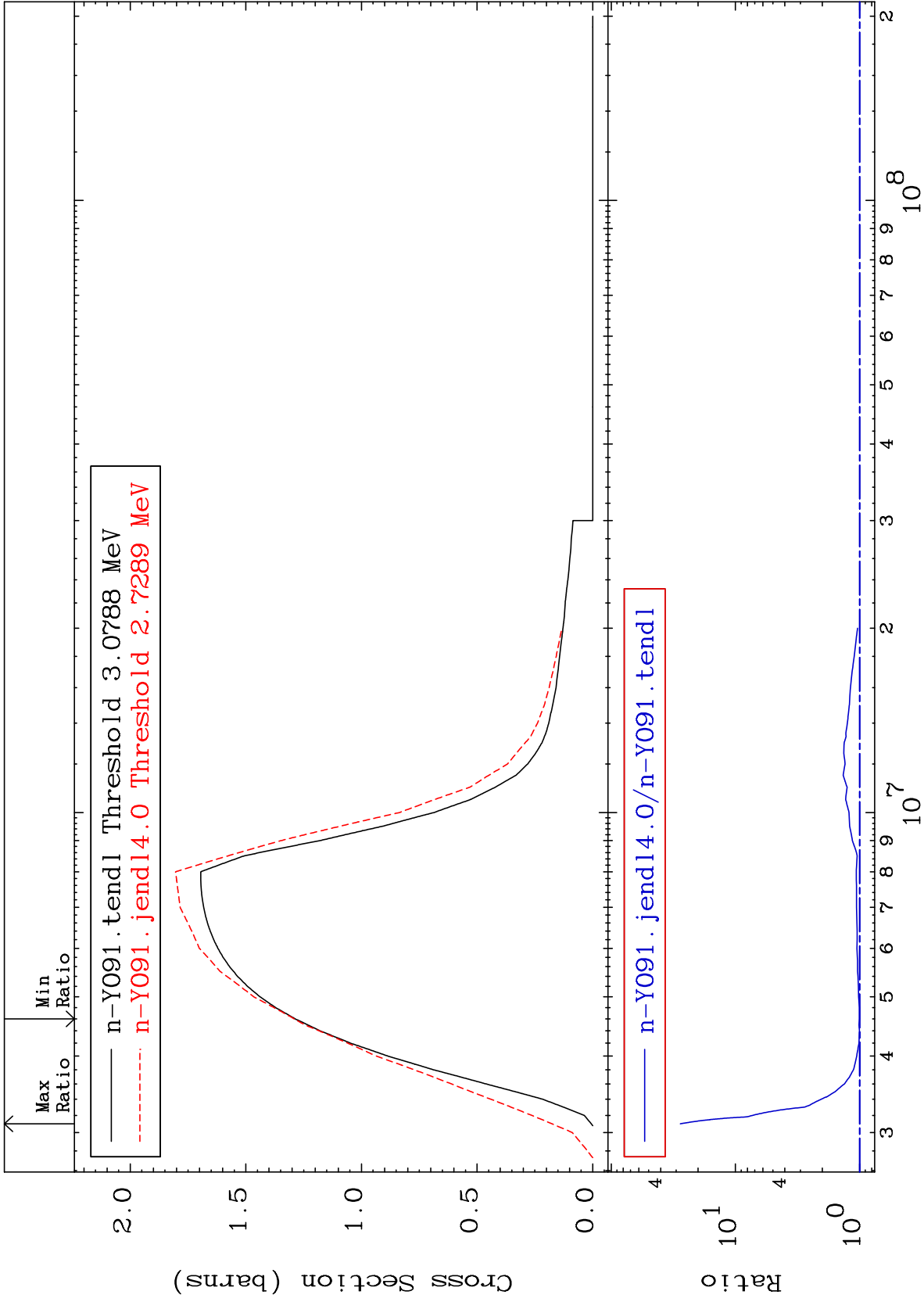
39-Y -91
-90.62 To 152.9 %

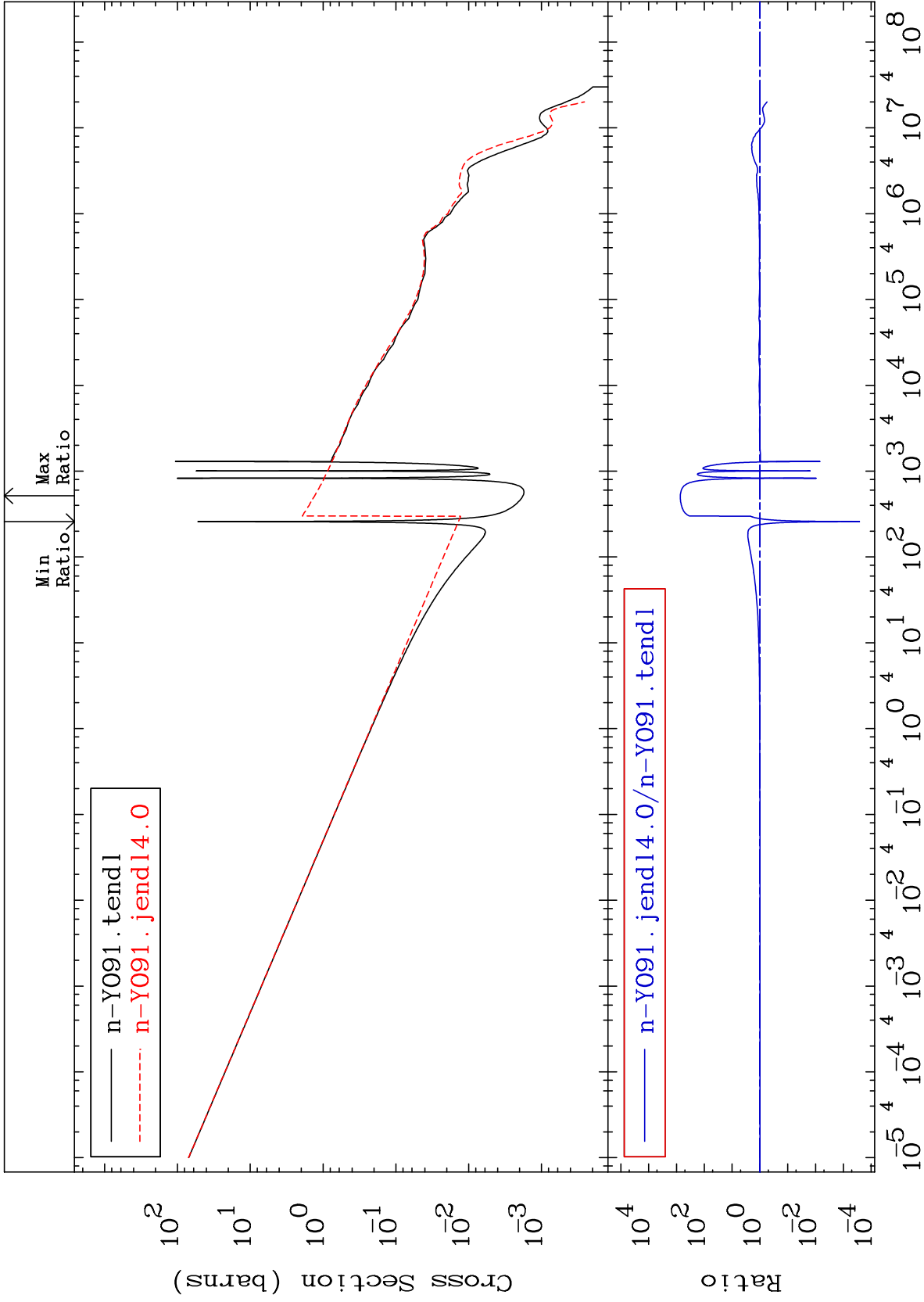


30

Incident Energy (eV)

39-Y -91



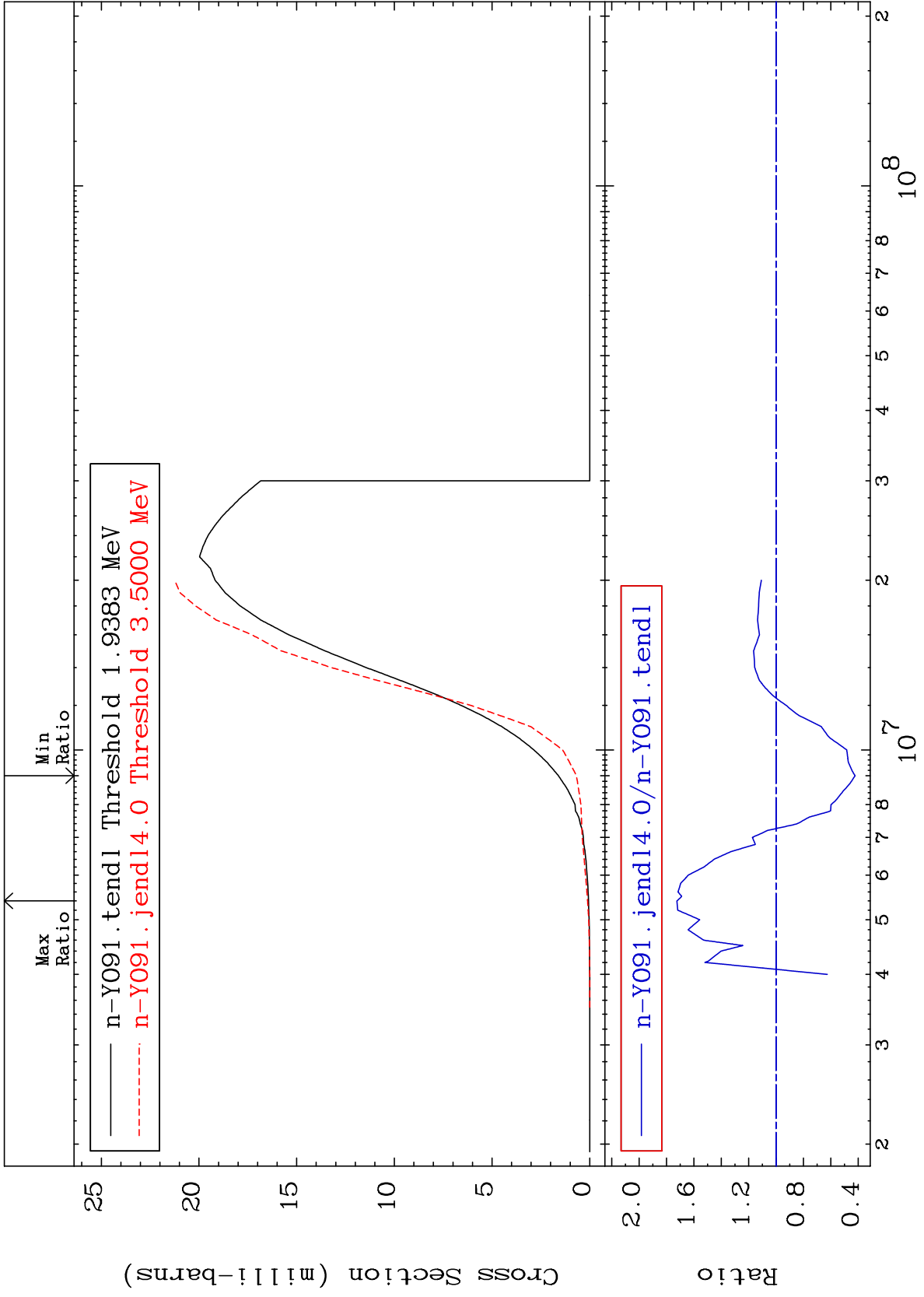


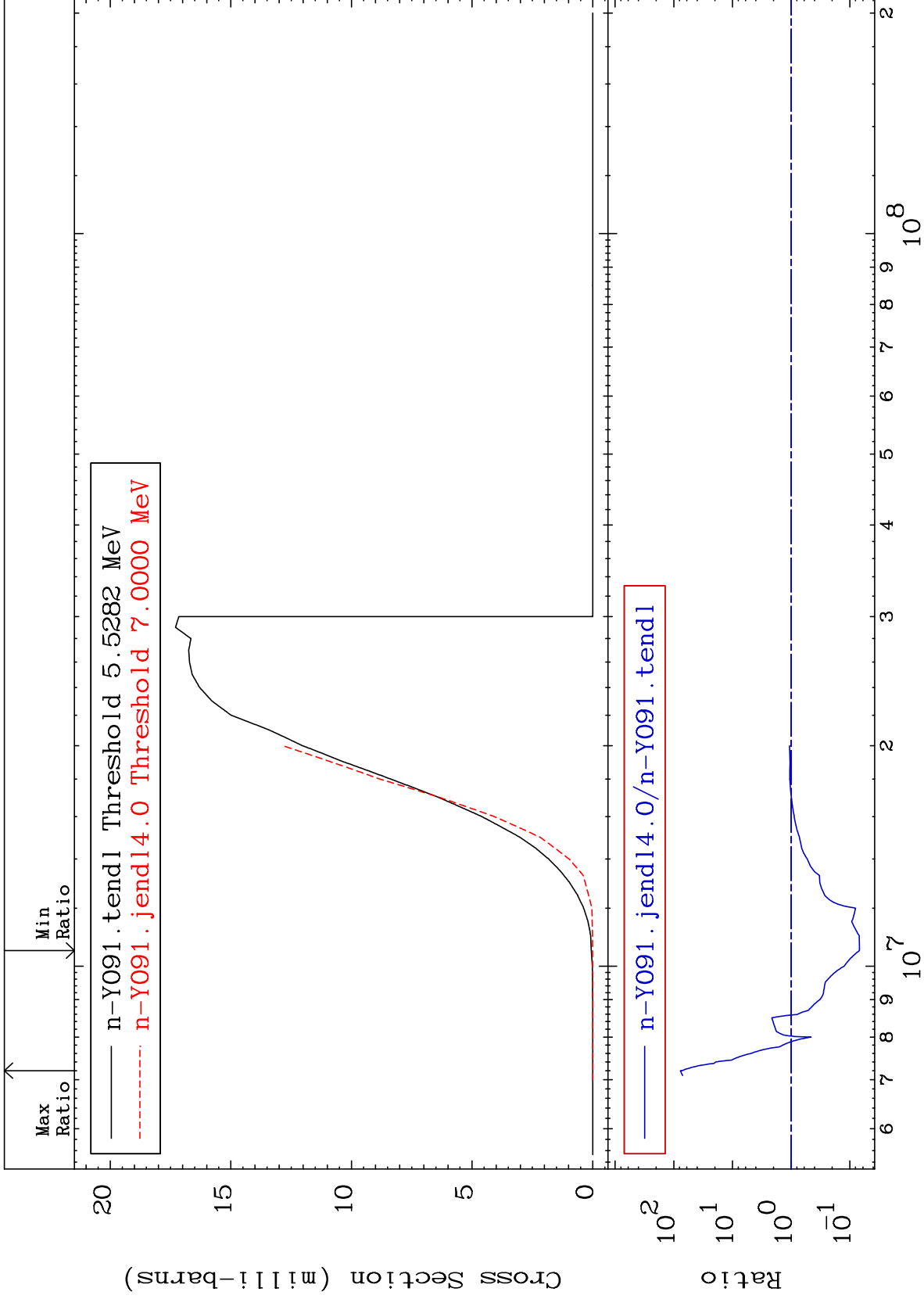
MAT 3931

(n,p)

Cross Section

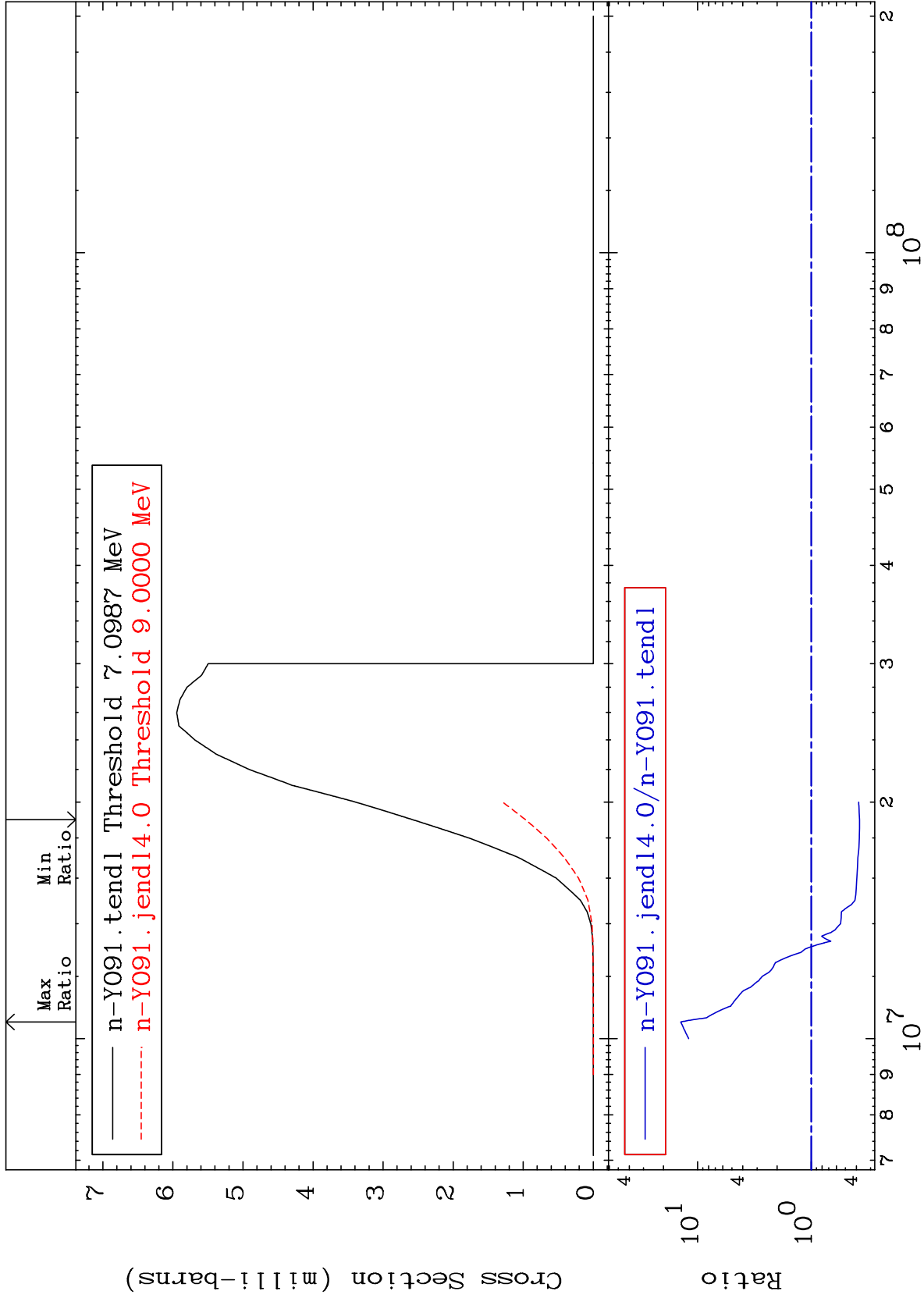
39-Y -91
-57.66 To 72.43 %





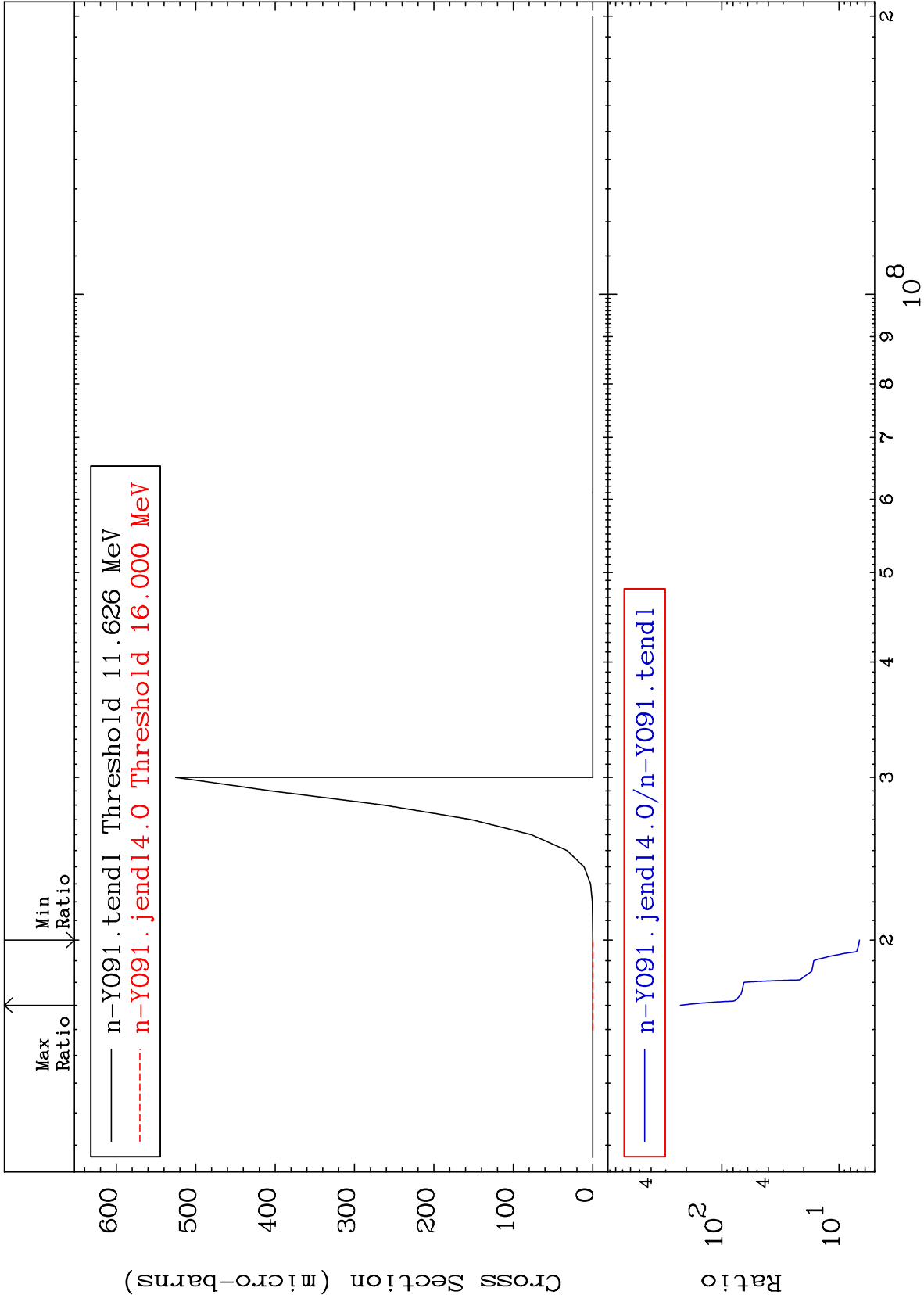
Cross Section

-62.52 To 1309. %



Cross Section

570.2 To 9999. %



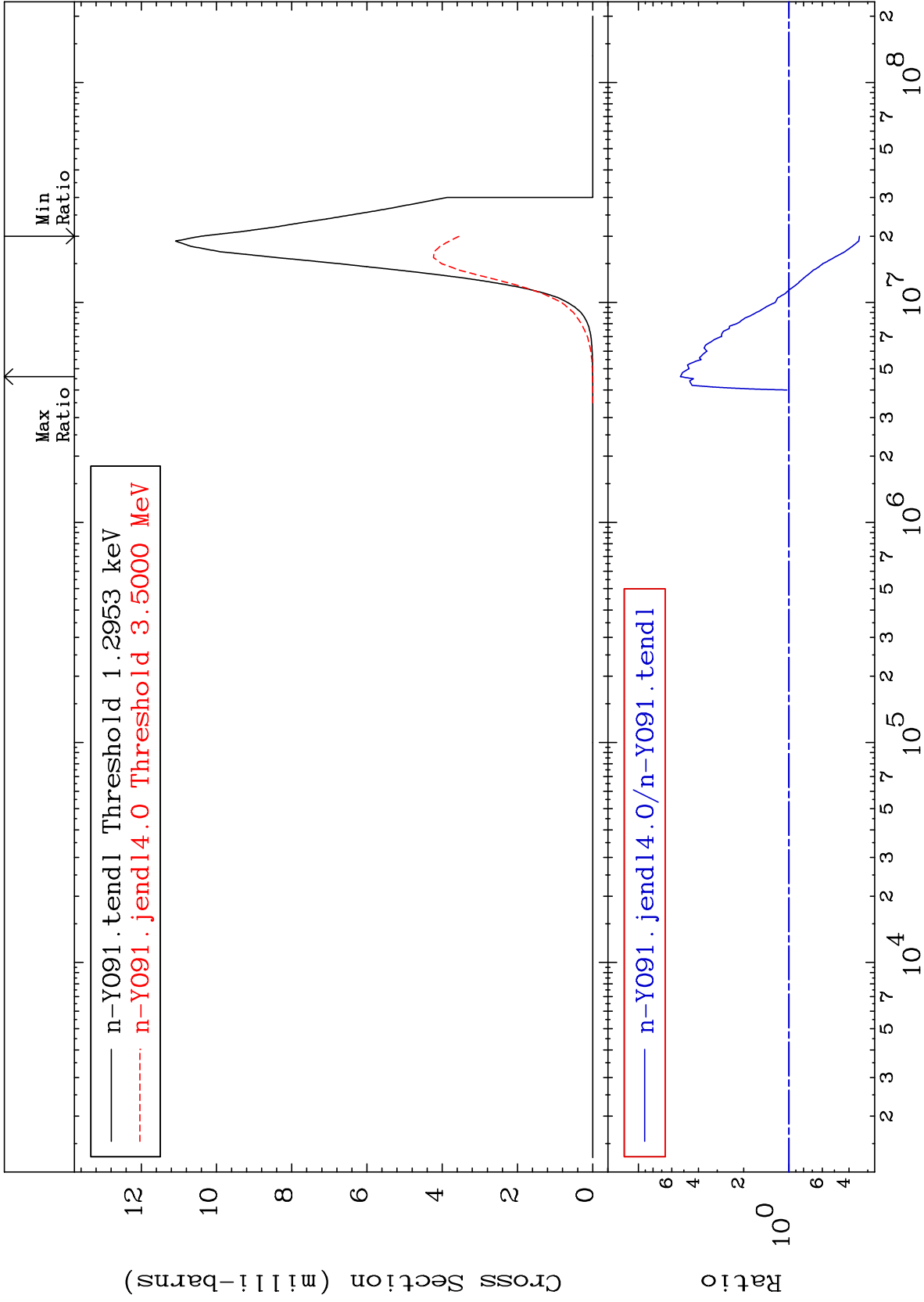
MAT 3931

(n, α)

Cross Section

39-Y -91

-65.94 To 426.7 %



37

Incident Energy (eV)

39-Y -91

