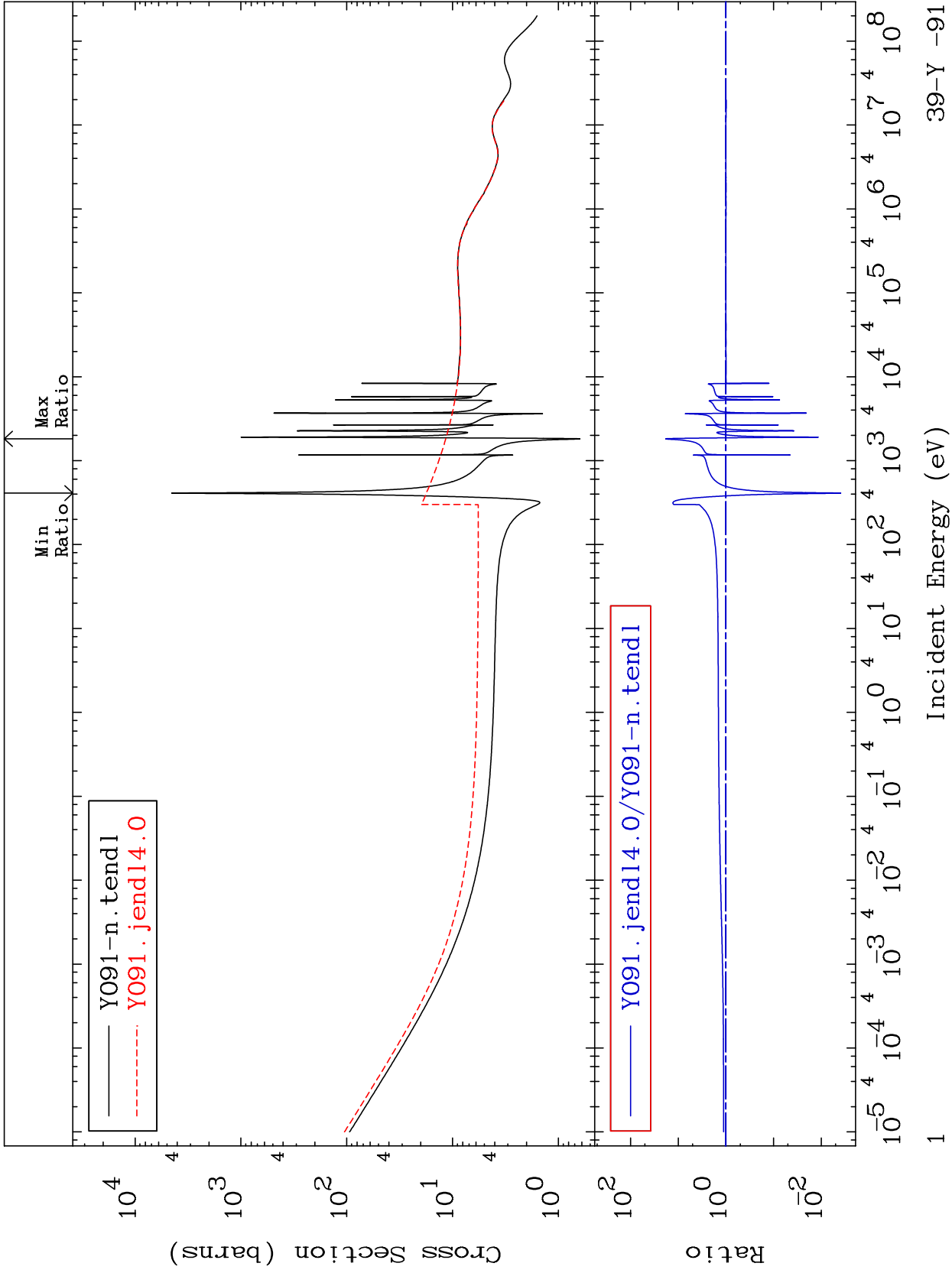


MAT 3931

Total
Cross Section

39-Y -91
-99.61 To 1748. %

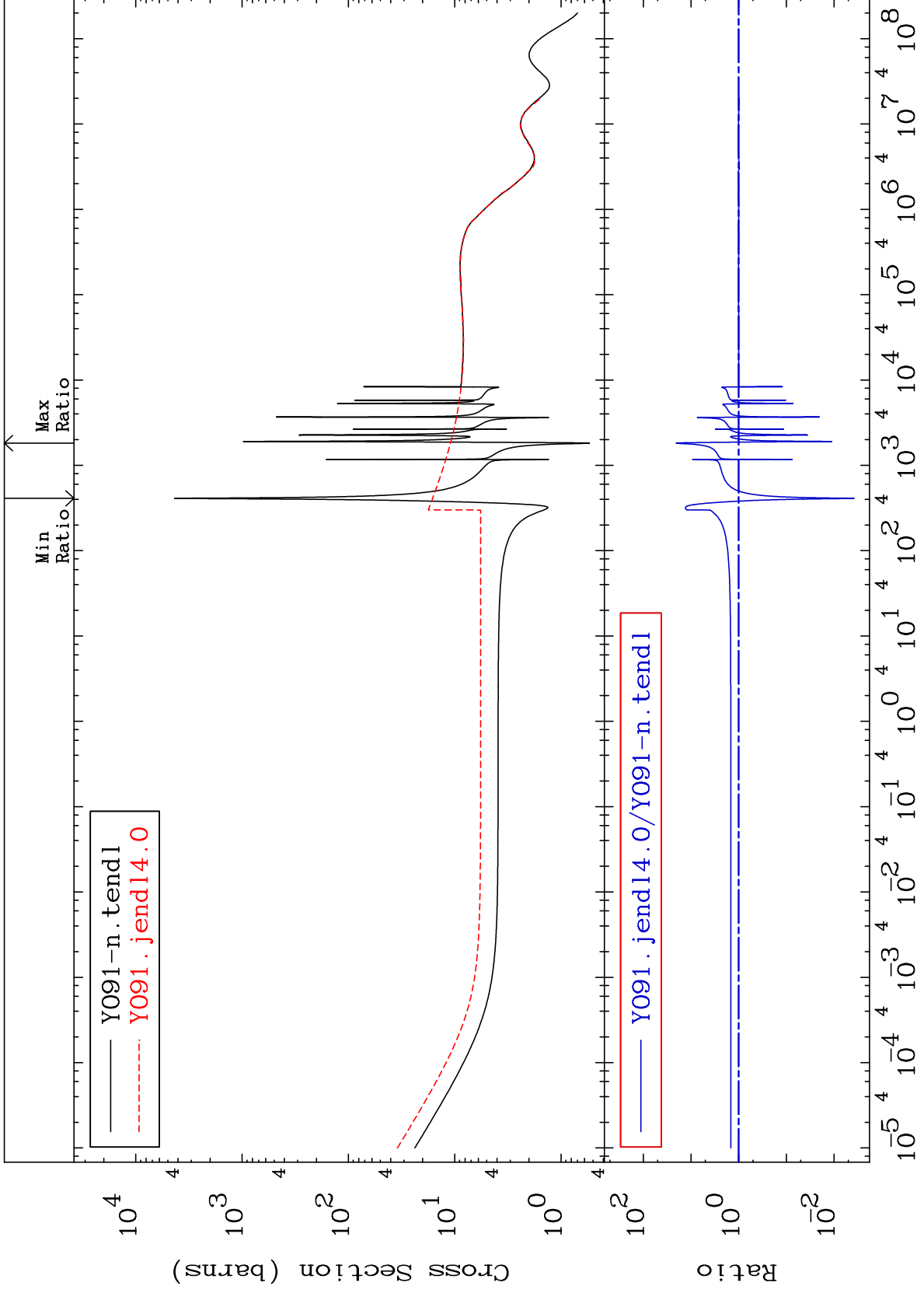


39-Y -91

MAT 3931

Elastic
Cross Section

39-Y -91
-99.63 To 1921. %



2

Incident Energy (eV)

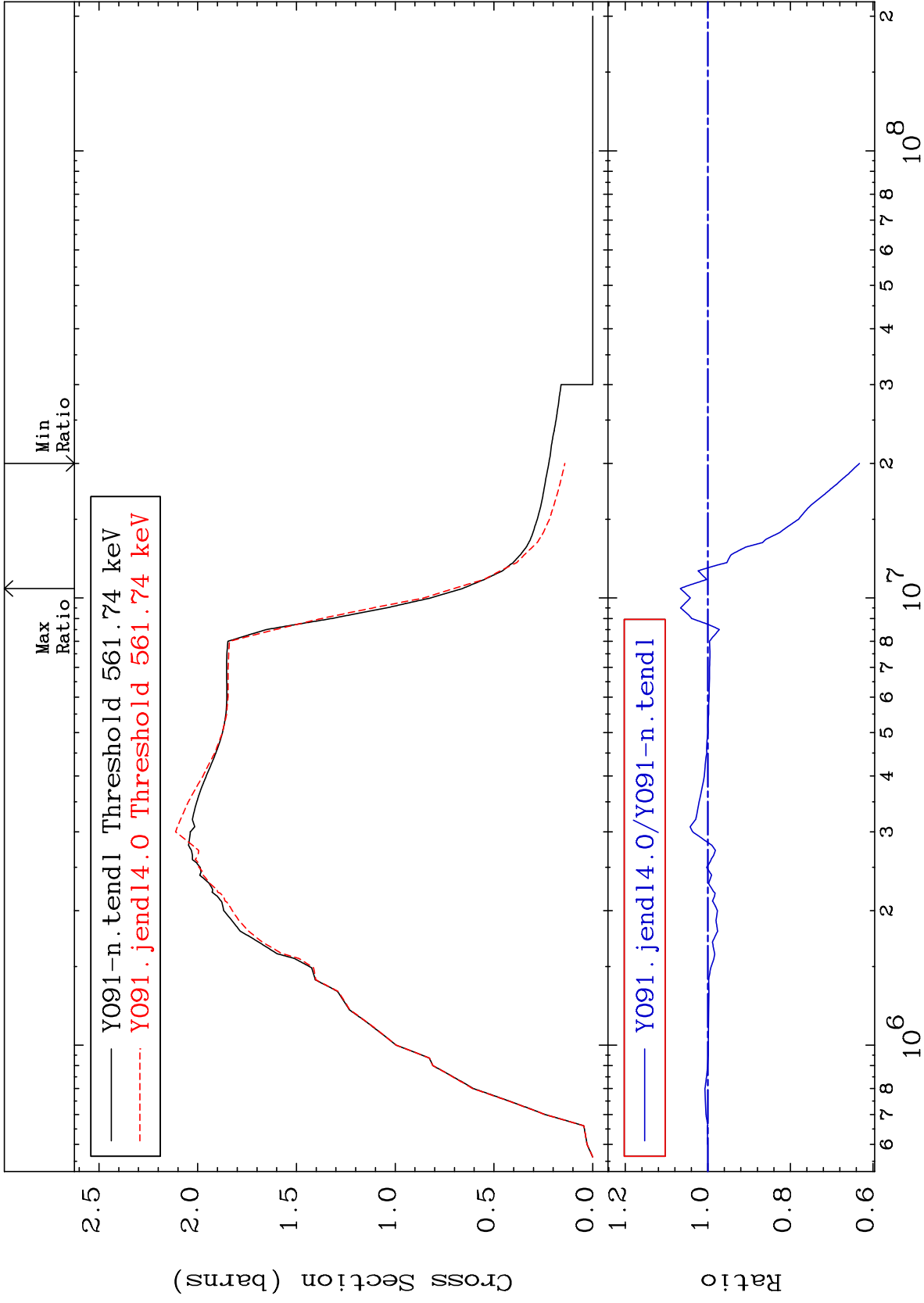
39-Y -91

MAT 3931

39-Y -91

-36.74 To 6.667 %

Inelastic
Cross Section



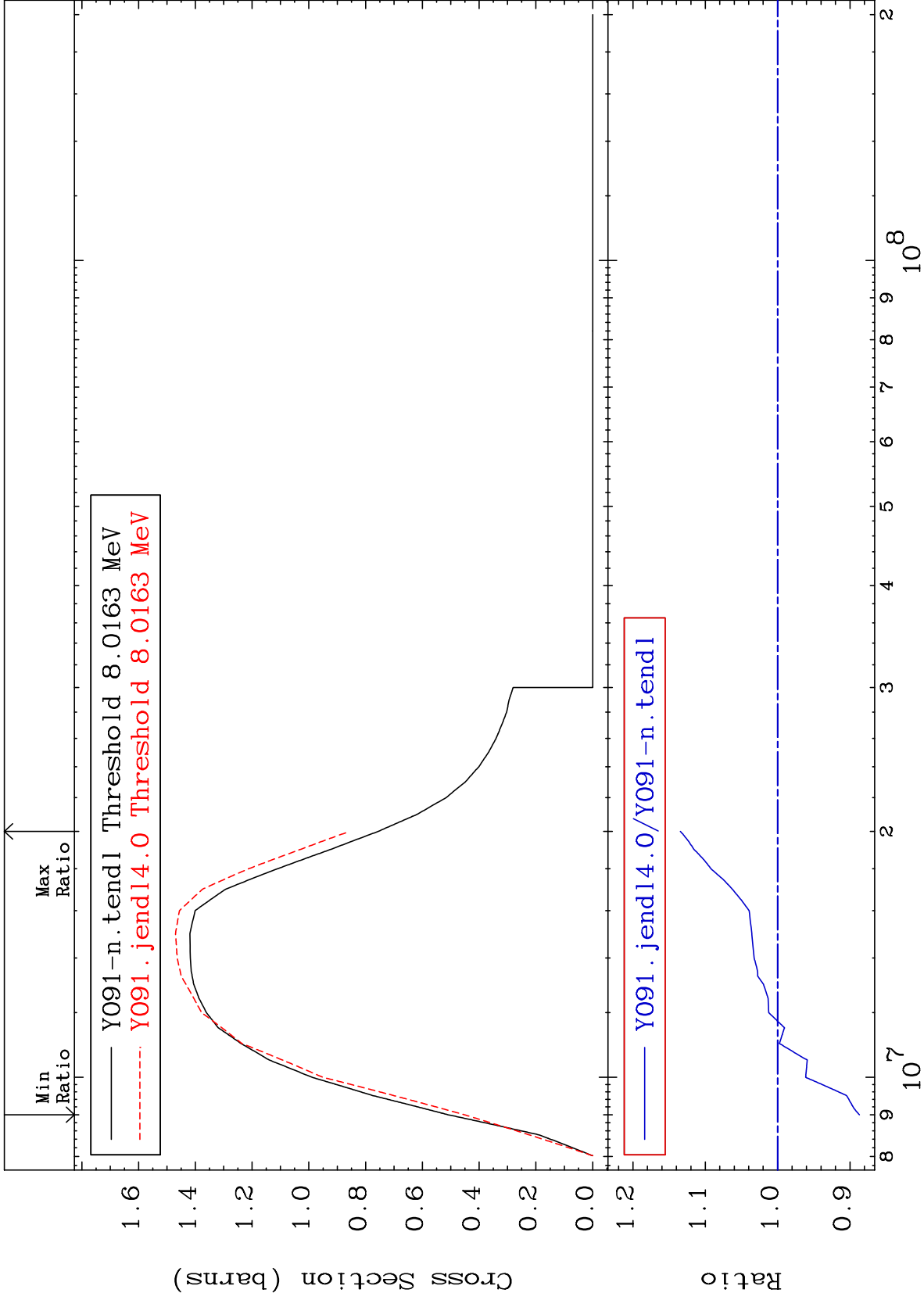
3

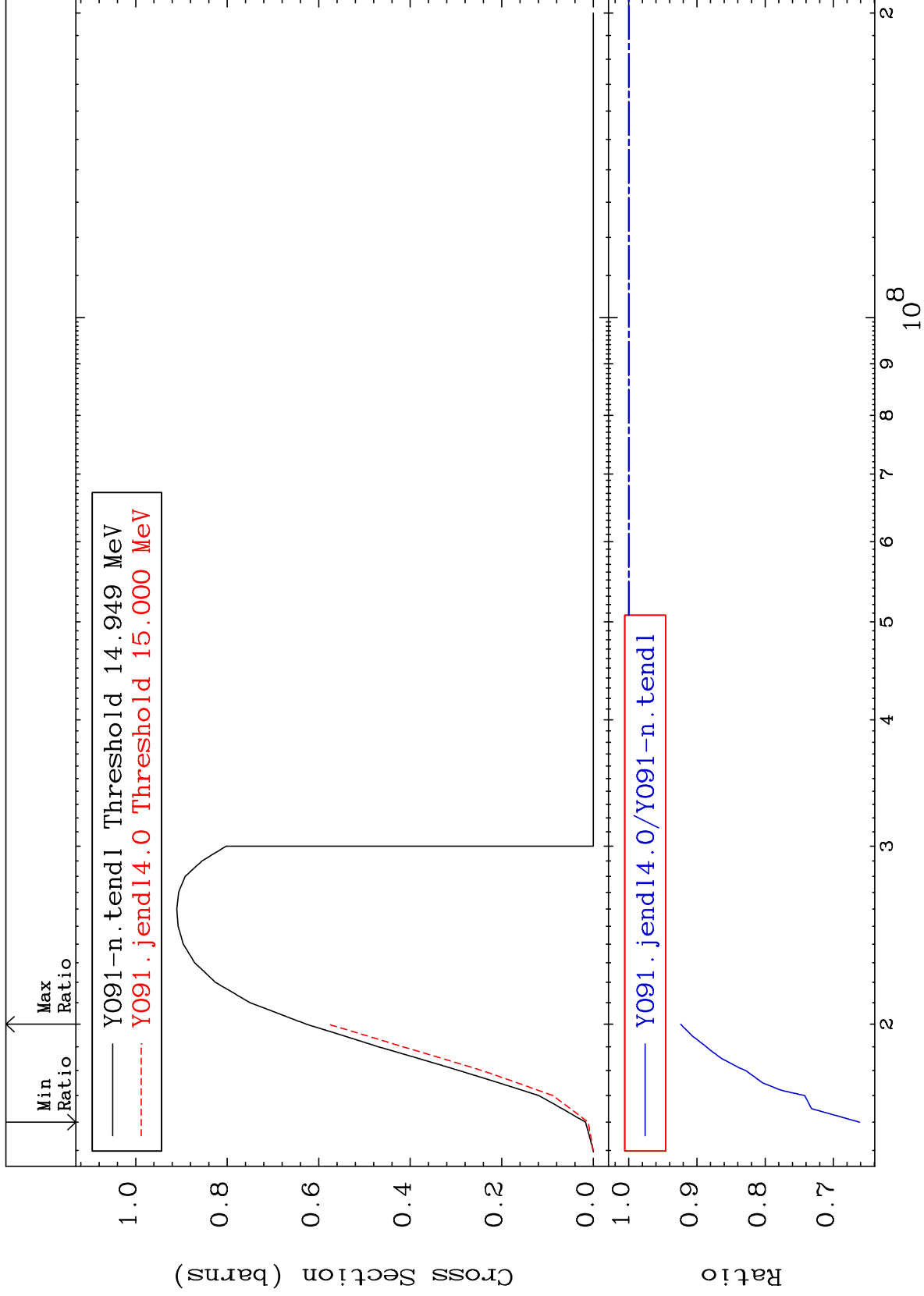
Incident Energy (eV)

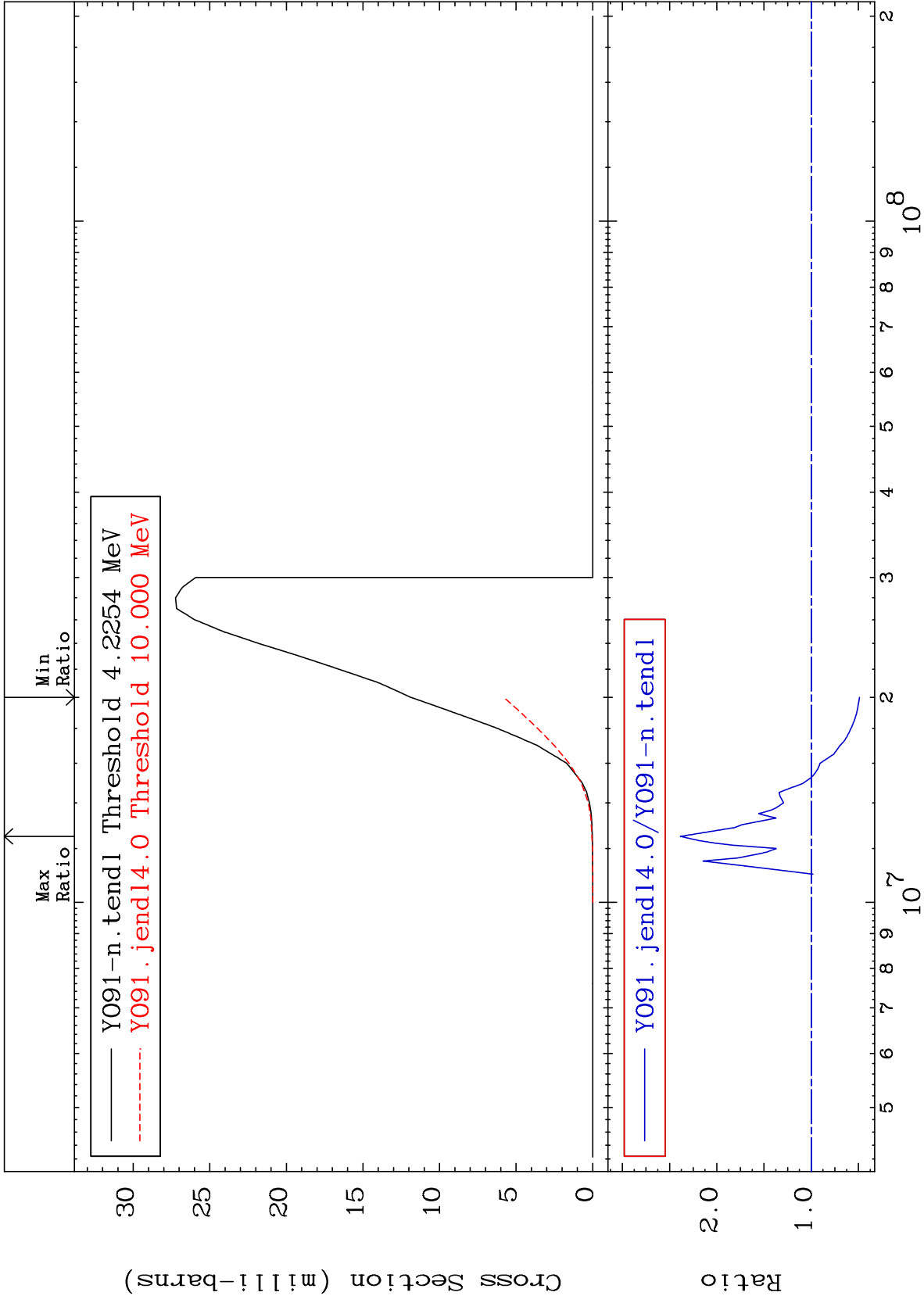
39-Y -91

Cross Section

-11.31 To 13.45 %



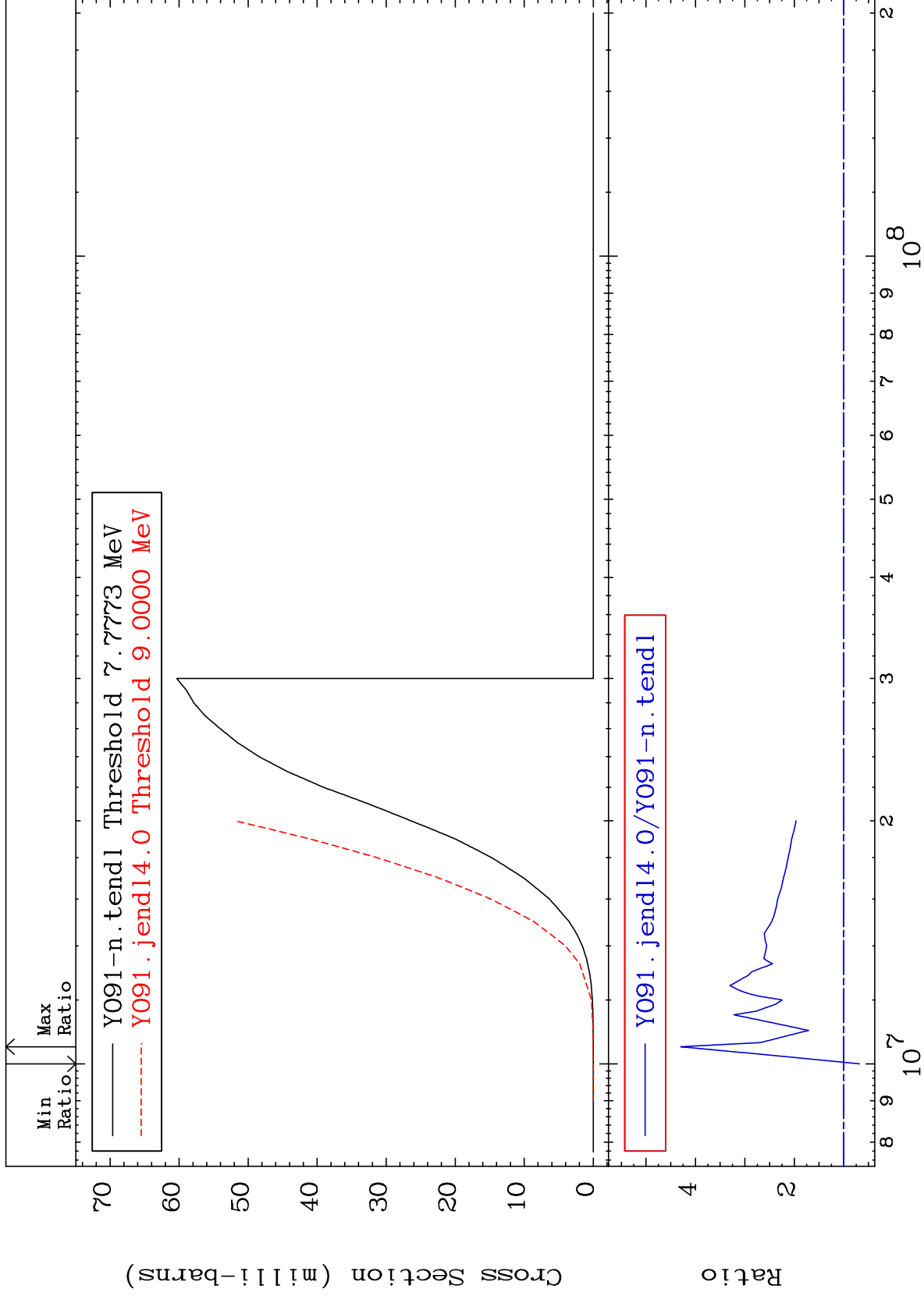




MAT 3931

(n,n') p
Cross Section

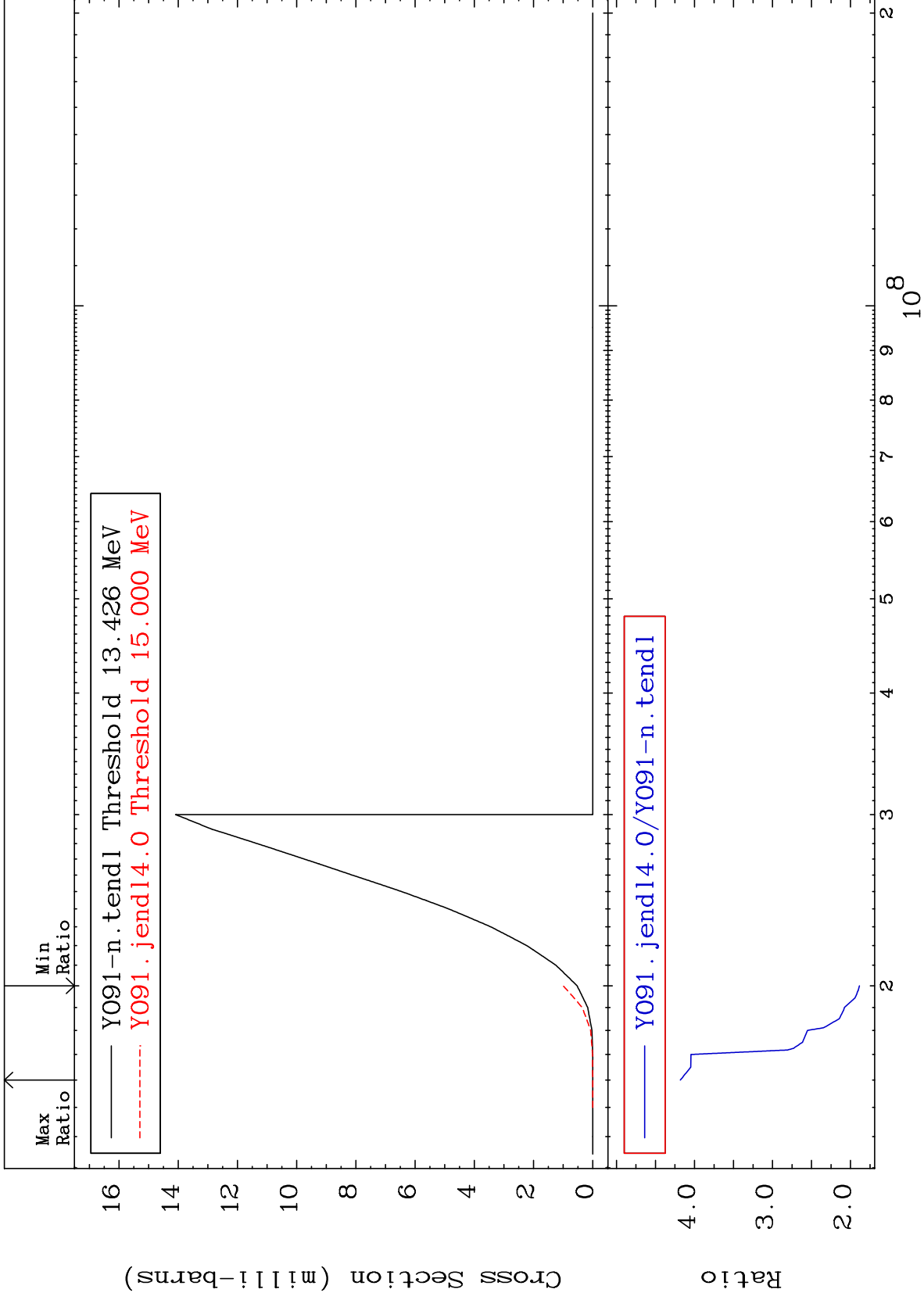
39-Y -91
-31.95 To 329.7 %



7

Incident Energy (eV)

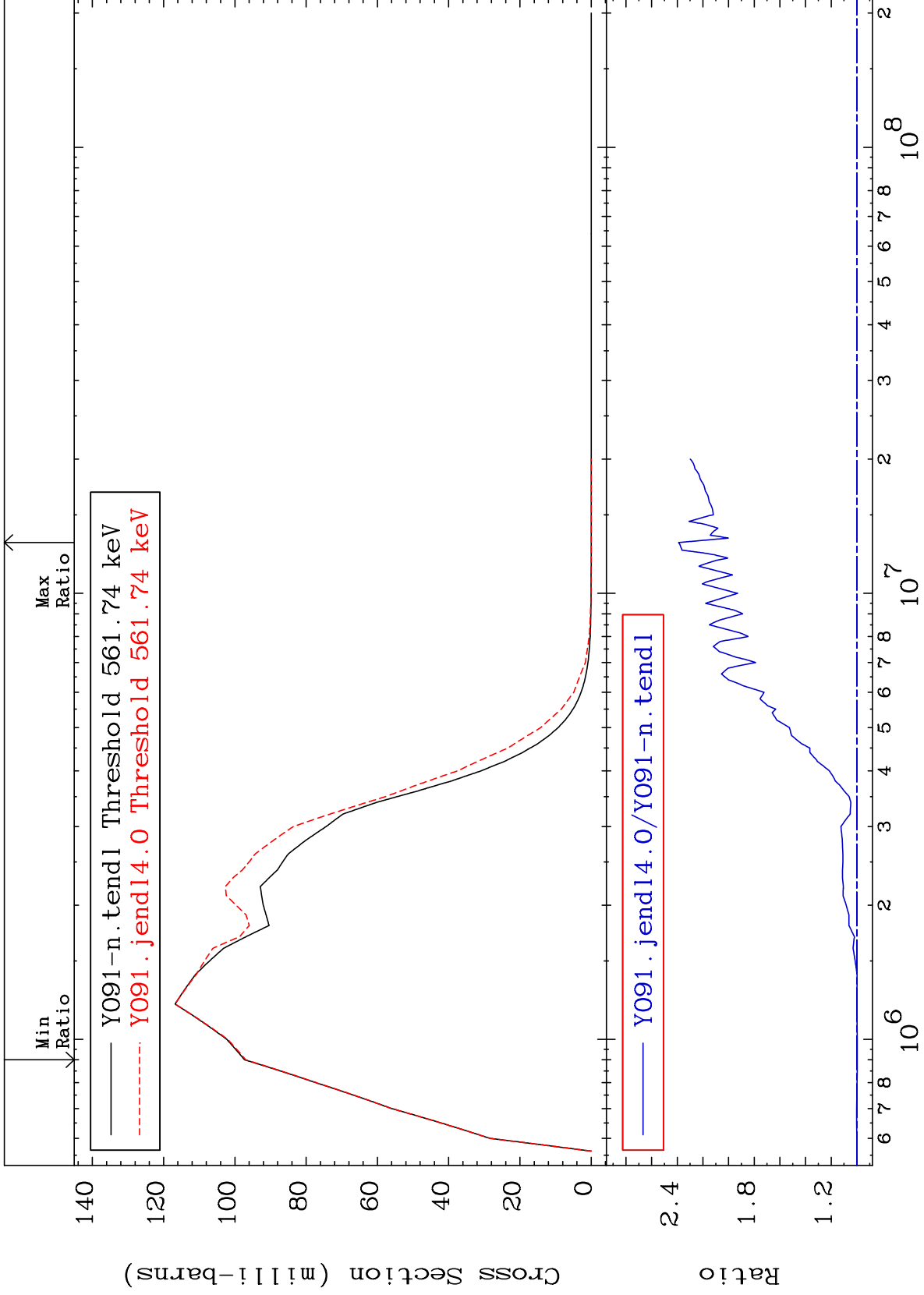
39-Y -91



MAT 3931

555.6 keV (n,n') Level
Cross Section

39-Y -91
-0.346 To 138.9 %



9

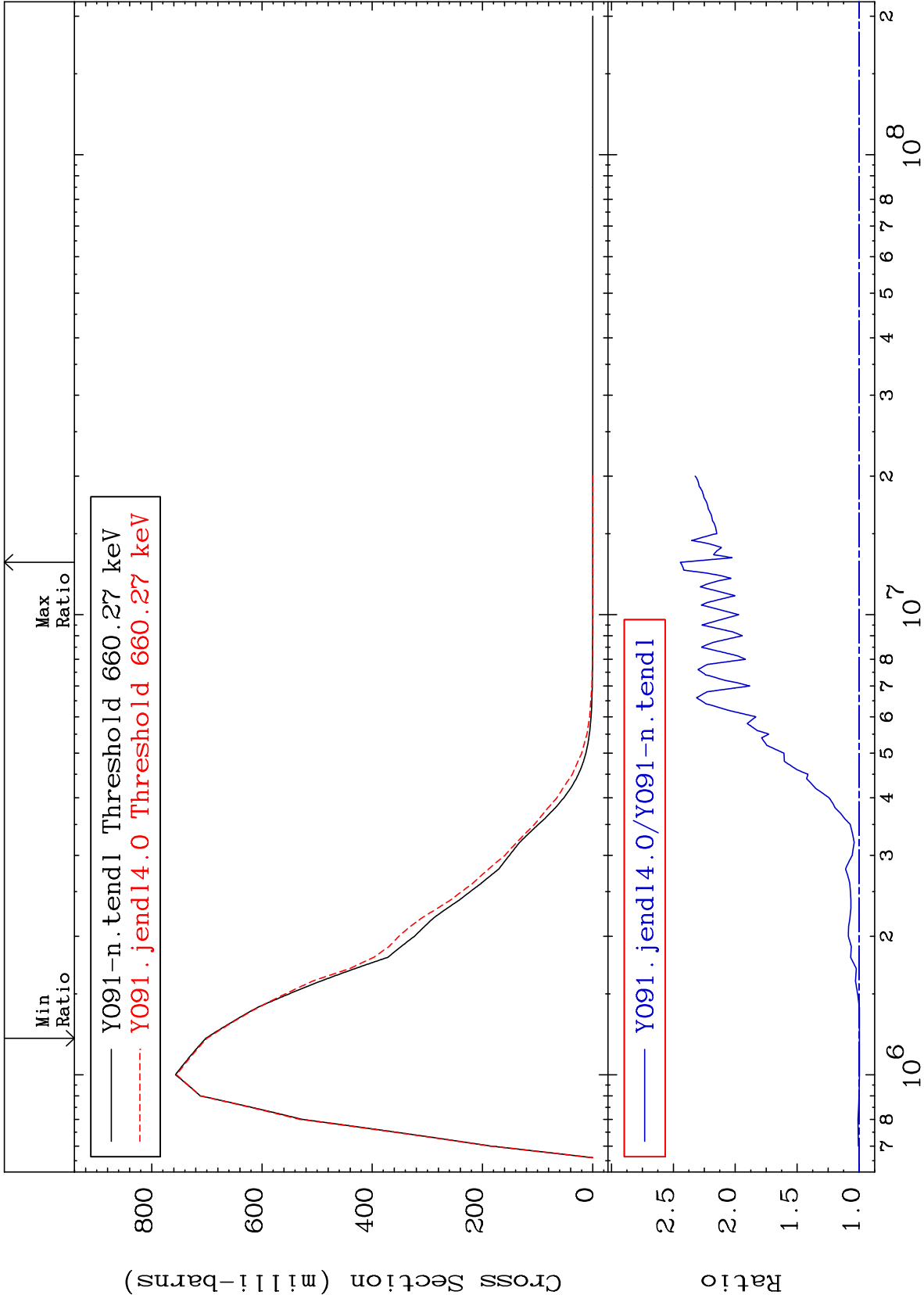
Incident Energy (eV)

39-Y -91

MAT 3931

653.0 keV (n,n') Level
Cross Section

39-Y -91
-0.283 To 144.3 %



10

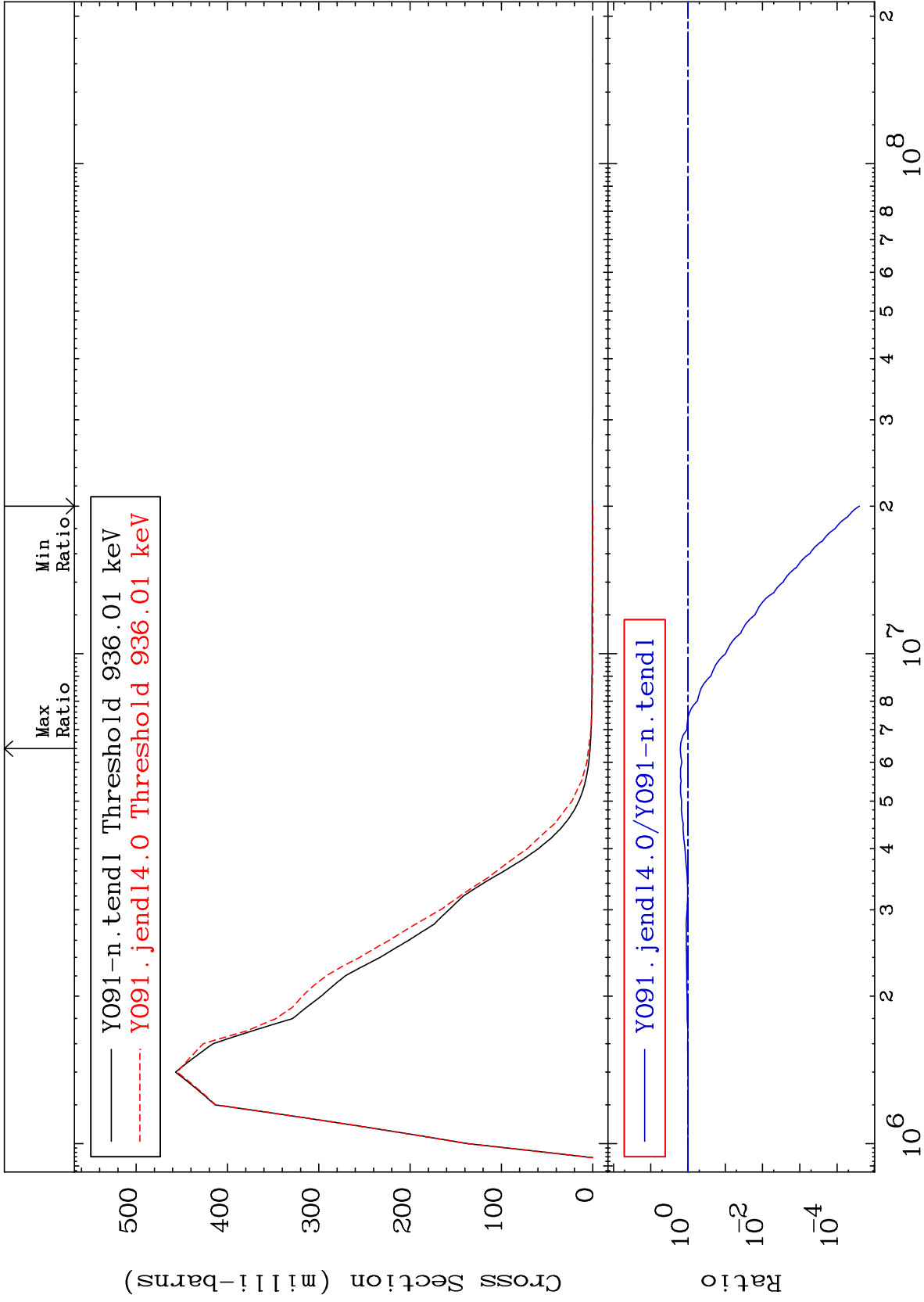
Incident Energy (eV)

39-Y -91

MAT 3931

925.7 keV (n,n') Level
Cross Section

39-Y -91
-100.0 To 60.52 %



11

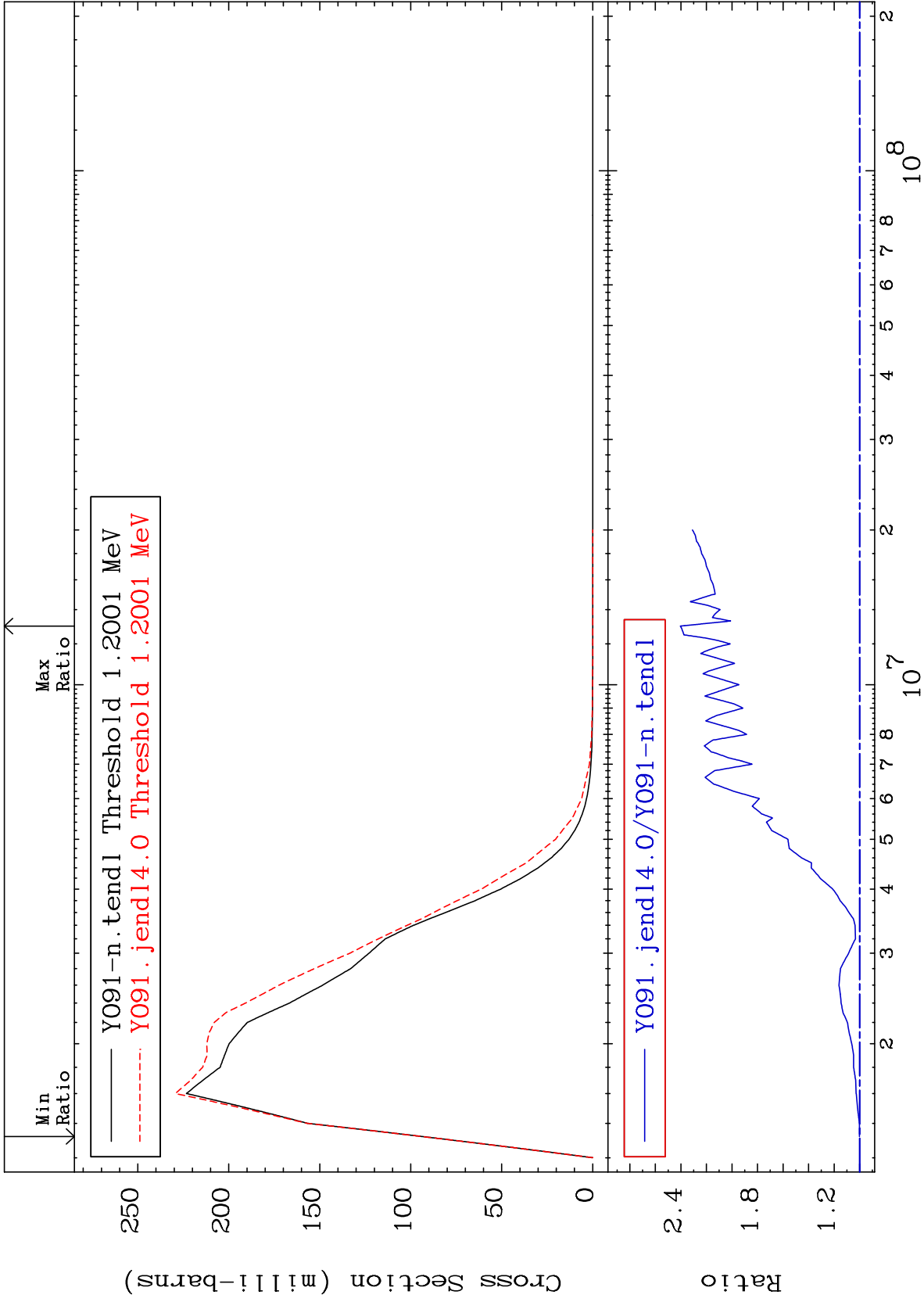
Incident Energy (eV)

39-Y -91

MAT 3931

1.187 MeV (n,n') Level
Cross Section

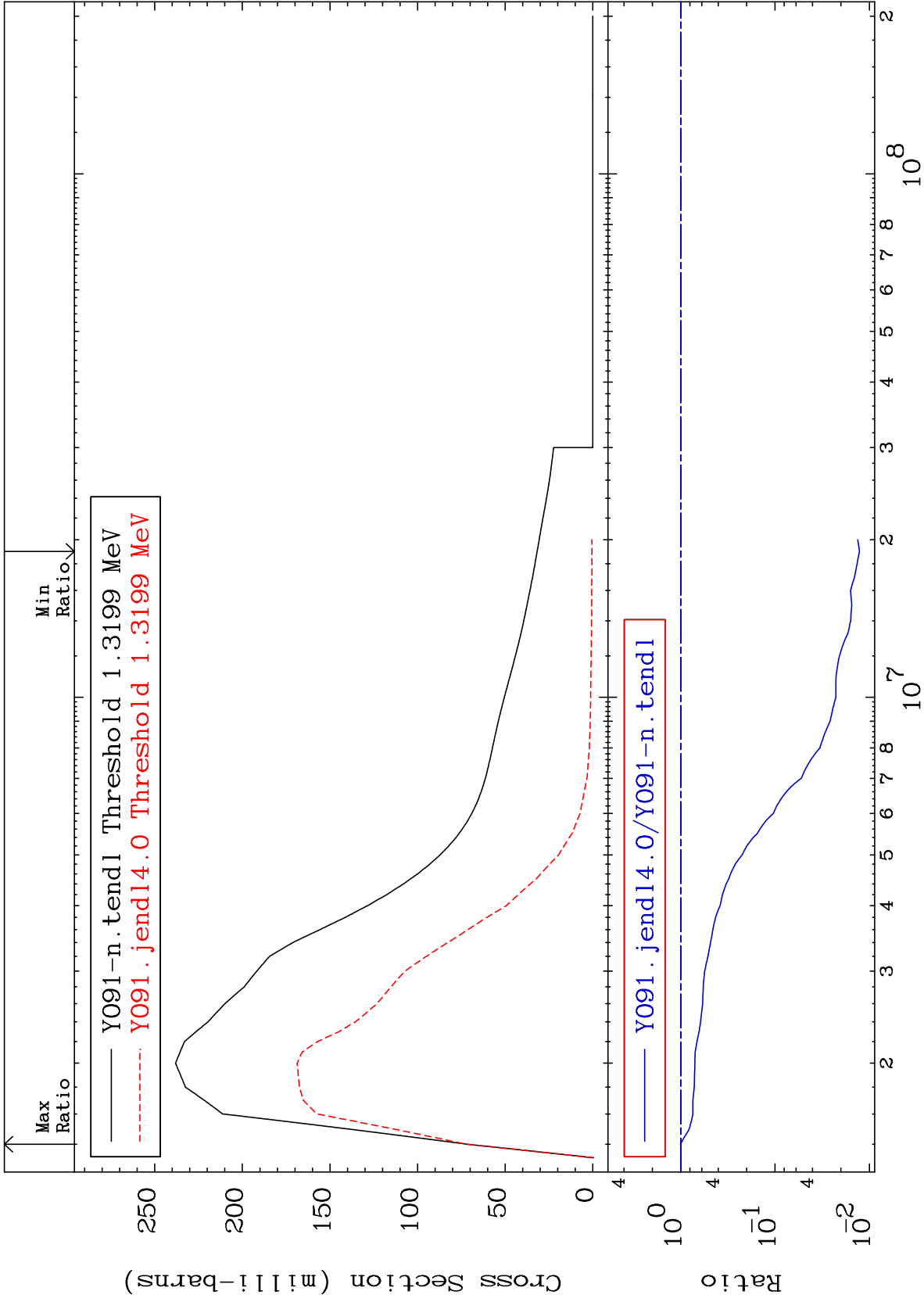
0.157 To 140.4 %
39-Y -91



12

Incident Energy (eV)

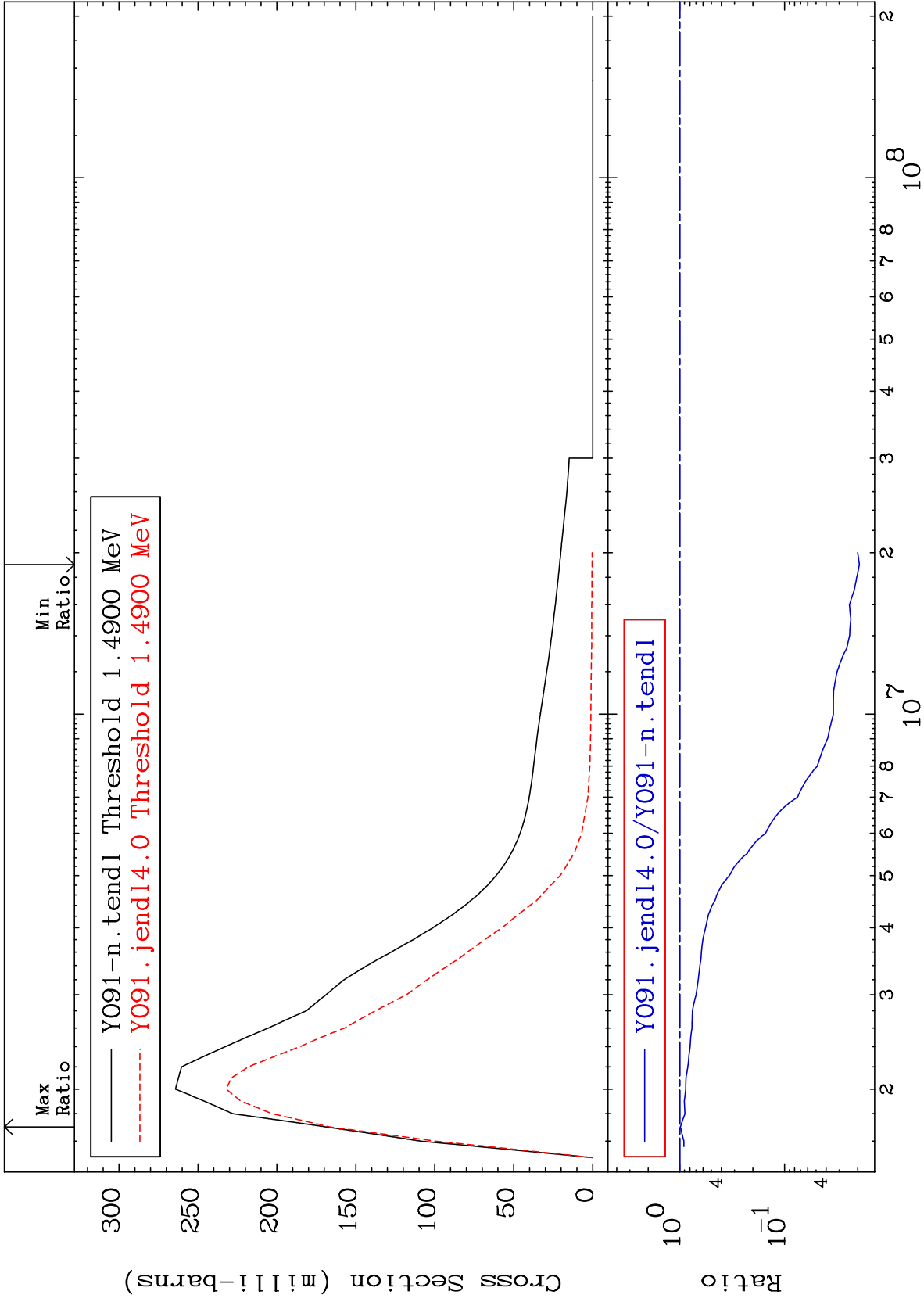
39-Y -91



MAT 3931

1.474 MeV (n,n') Level
Cross Section

39-Y -91
-98.08 To -1.308%



14

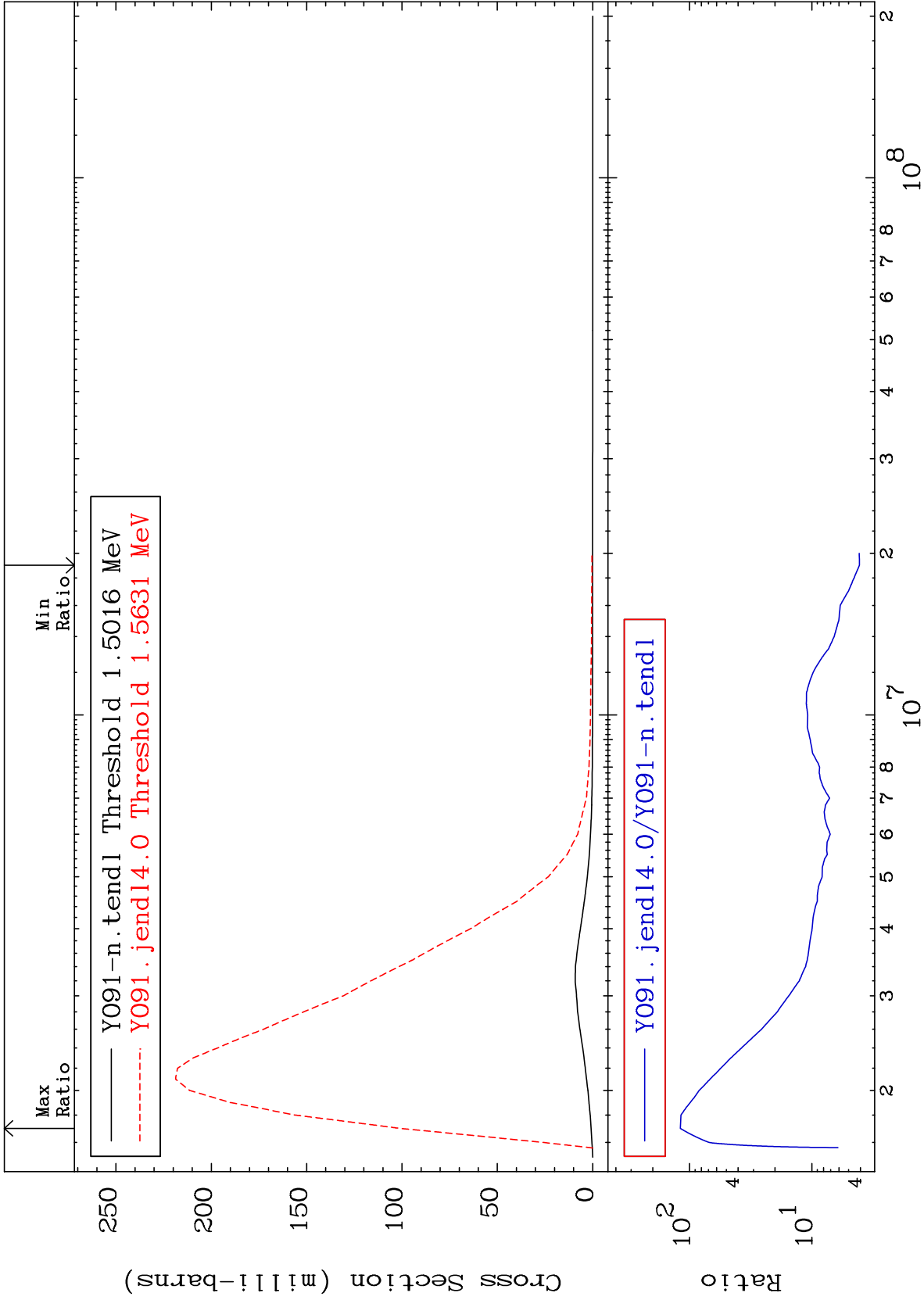
Incident Energy (eV)

39-Y -91

MAT 3931

1.485 MeV (n,n') Level
Cross Section

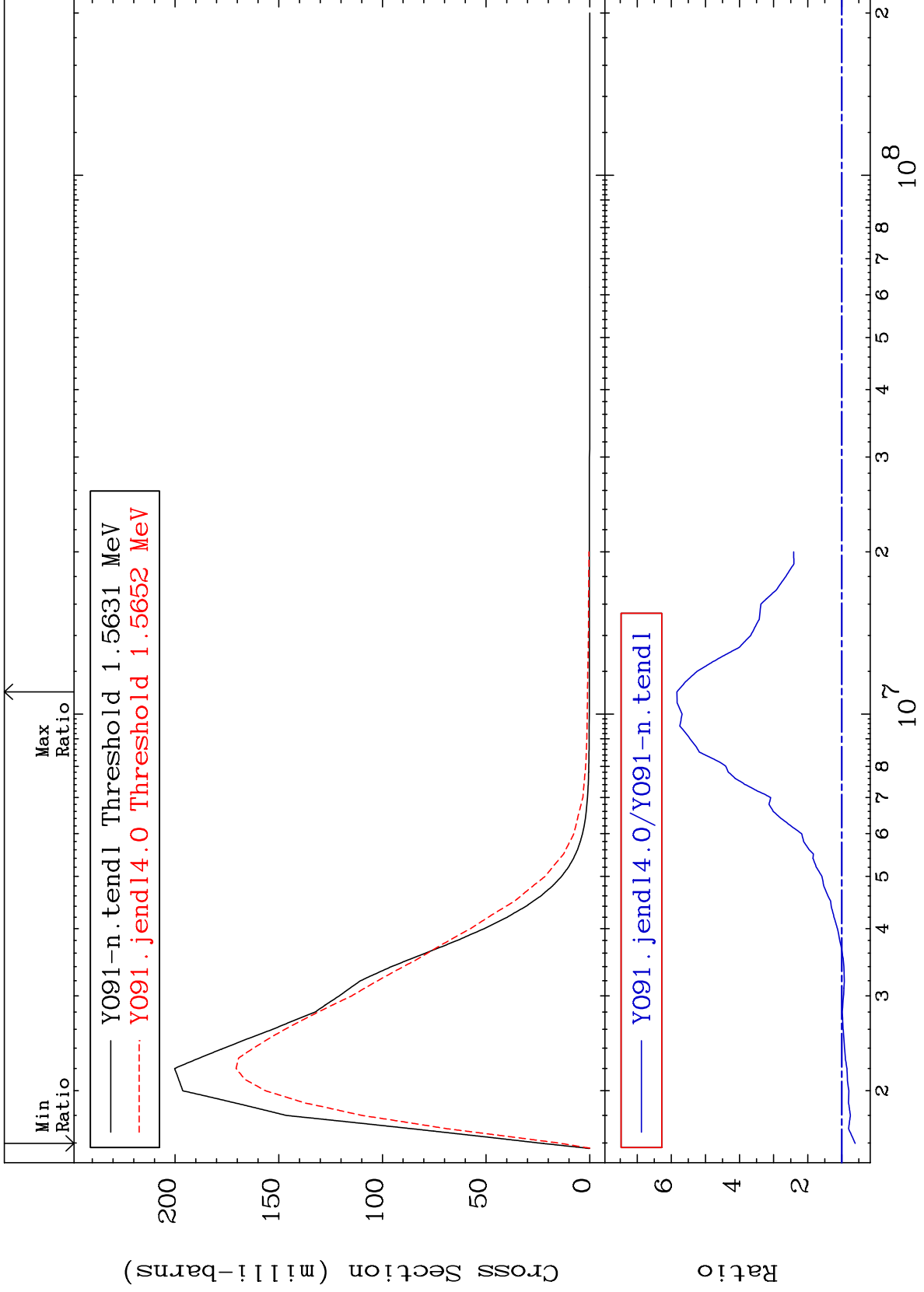
307.7 To 9999. %
39-Y -91



MAT 3931

1.546 MeV (n,n') Level
Cross Section

39-Y -91
-38.84 To 483.5 %



16

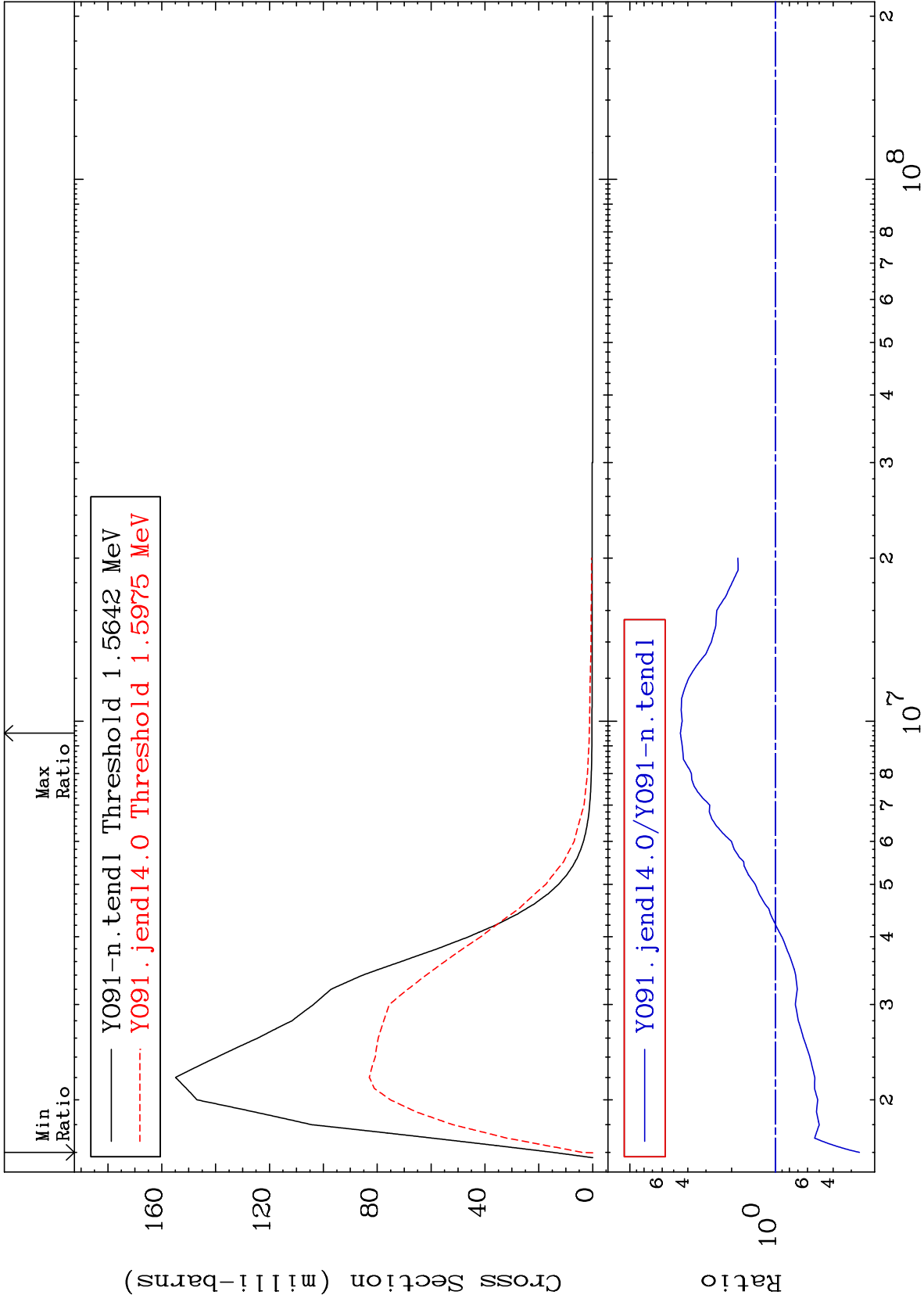
Incident Energy (eV)

39-Y -91

MAT 3931

1.547 MeV (n,n') Level
Cross Section

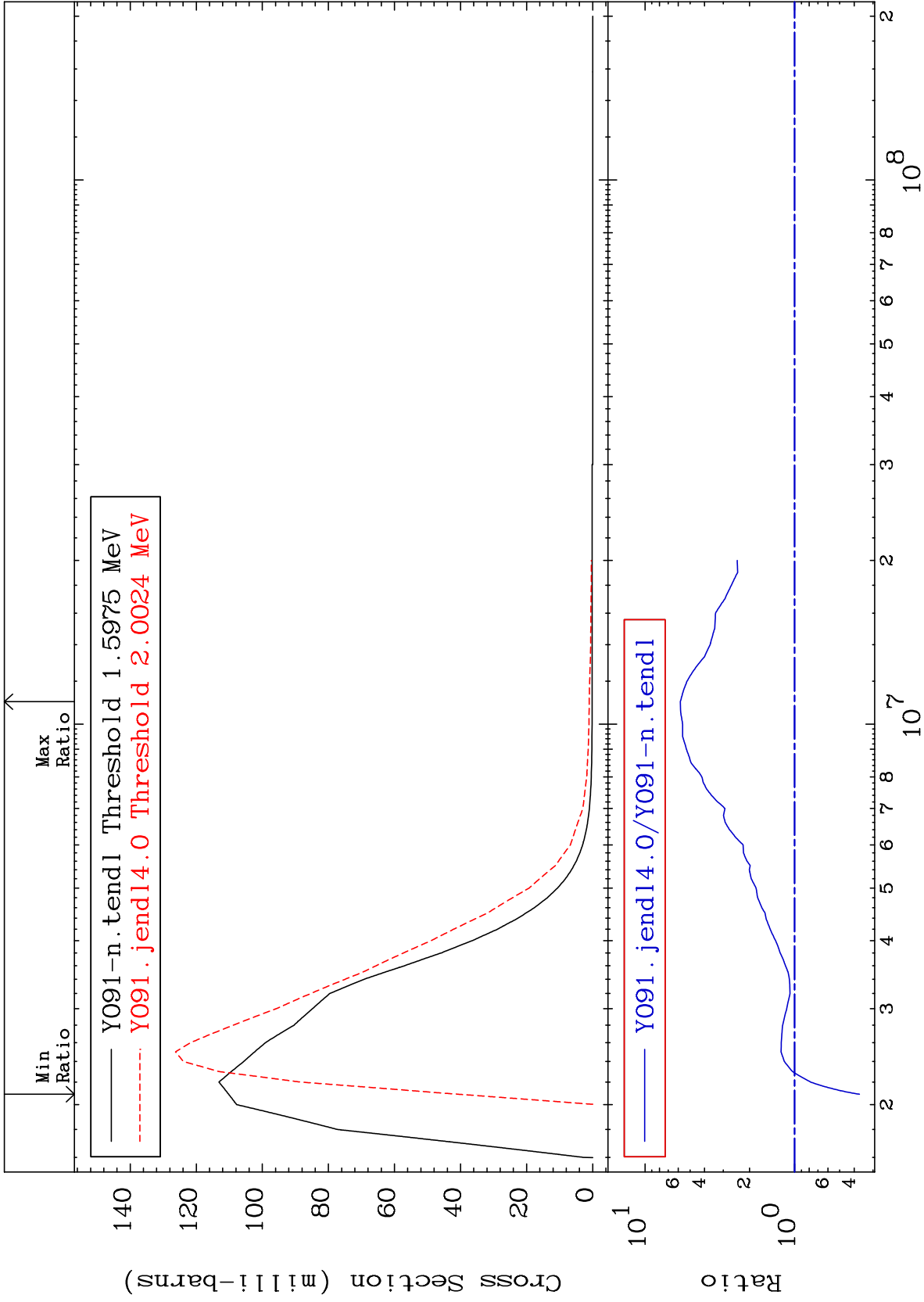
39-Y -91
-73.61 To 350.0 %

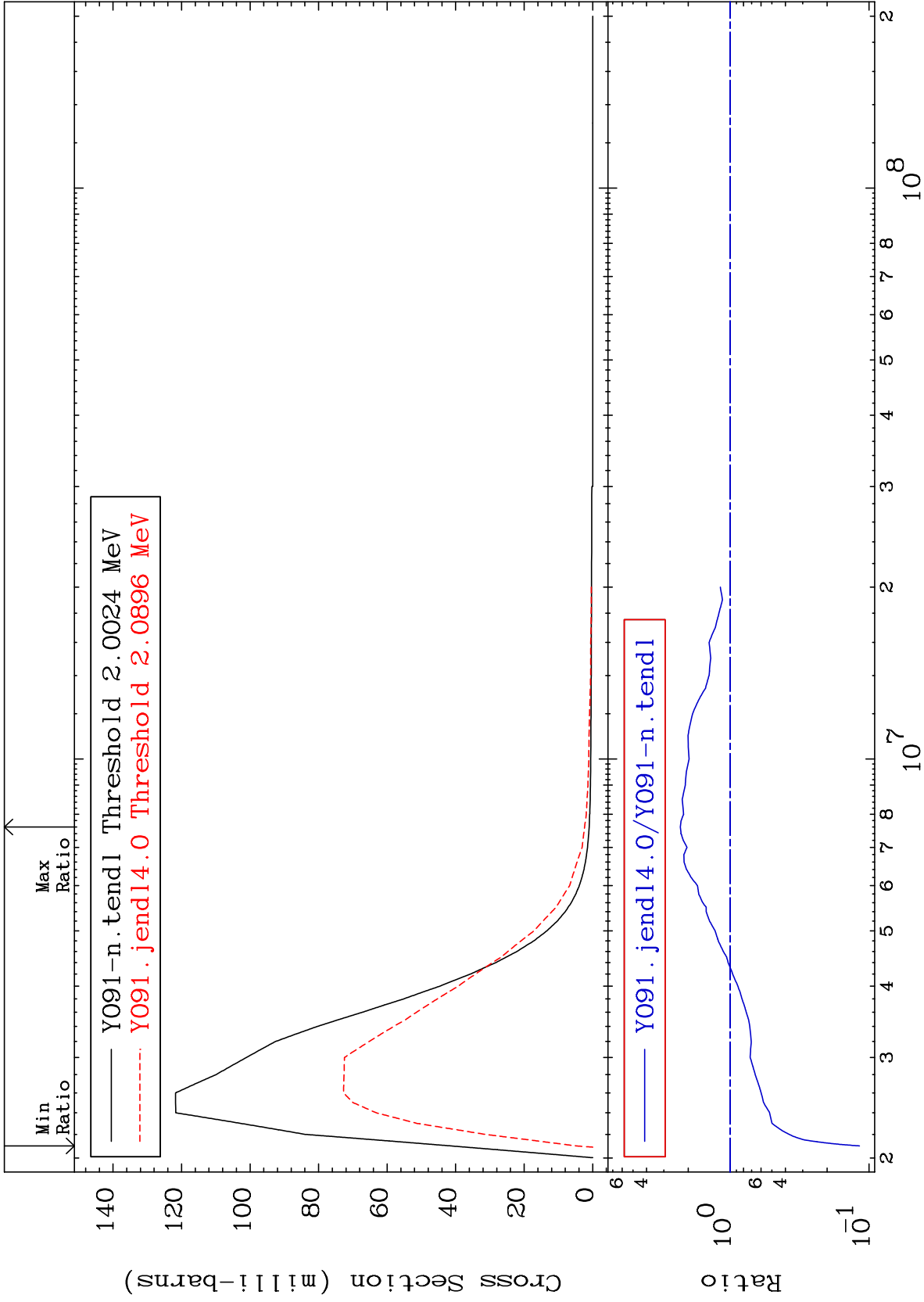


17

Incident Energy (eV)

39-Y -91

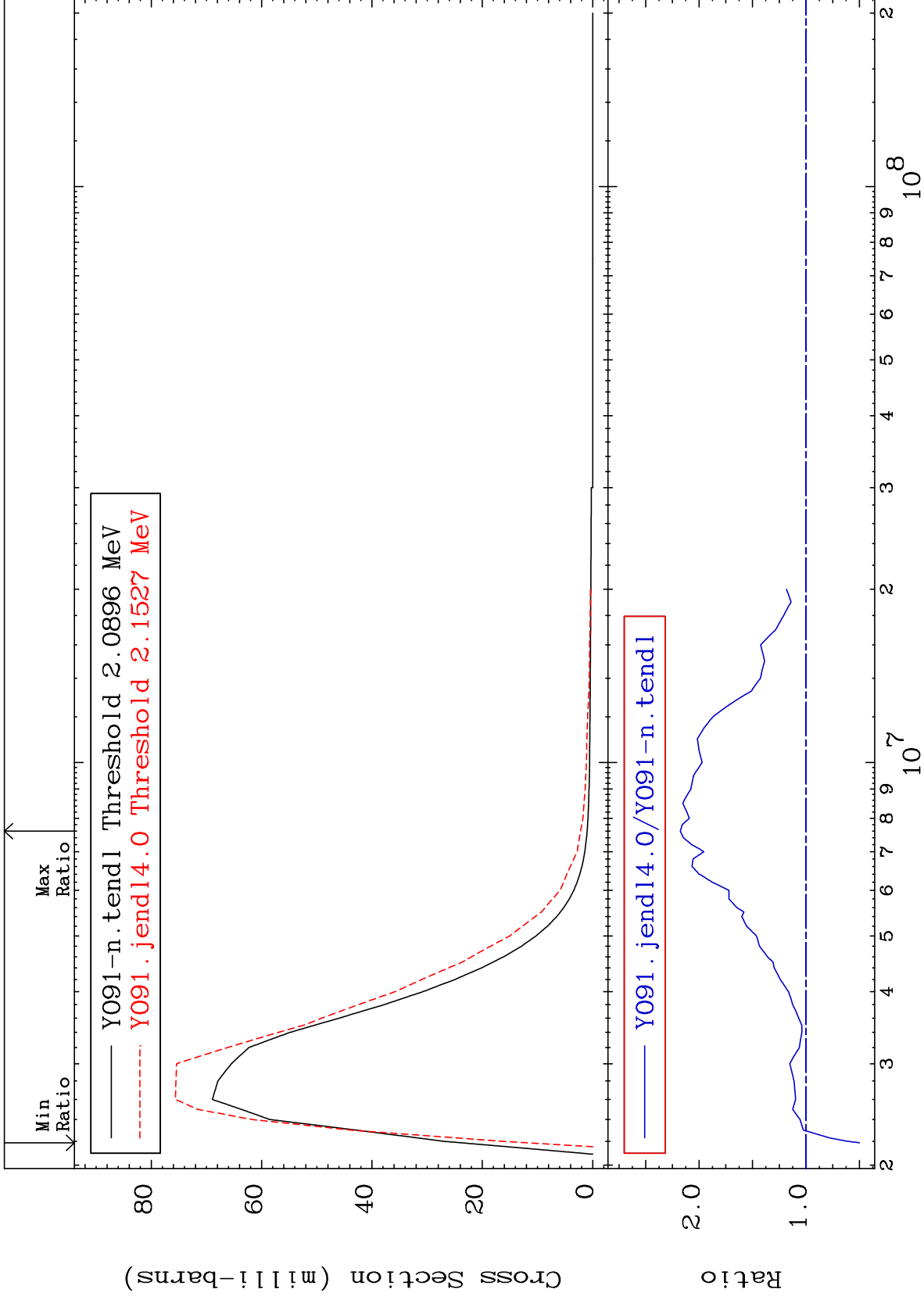




MAT 3931

2.067 MeV (n,n') Level
Cross Section

39-Y -91
-50.08 To 117.6 %



20

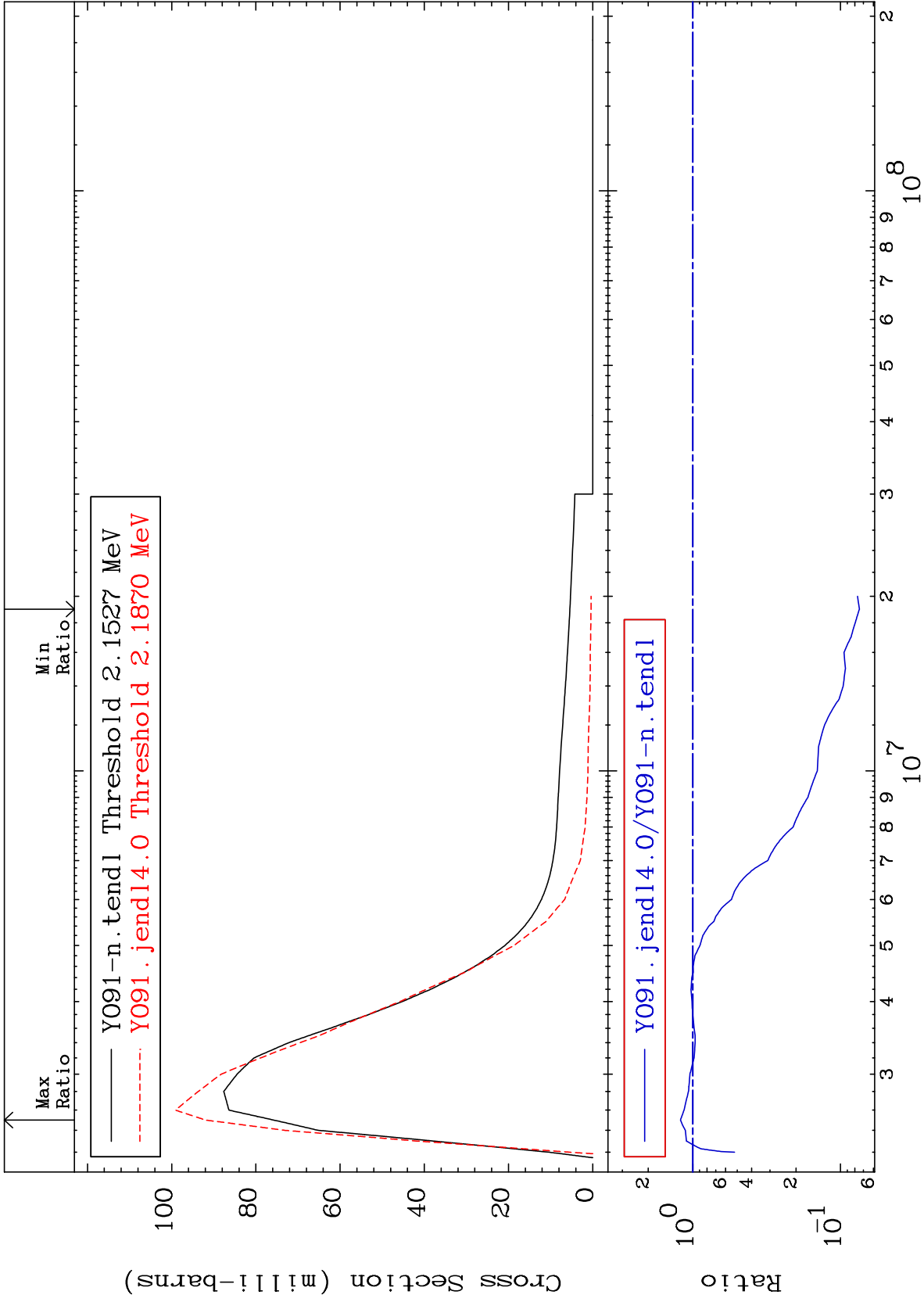
Incident Energy (eV)

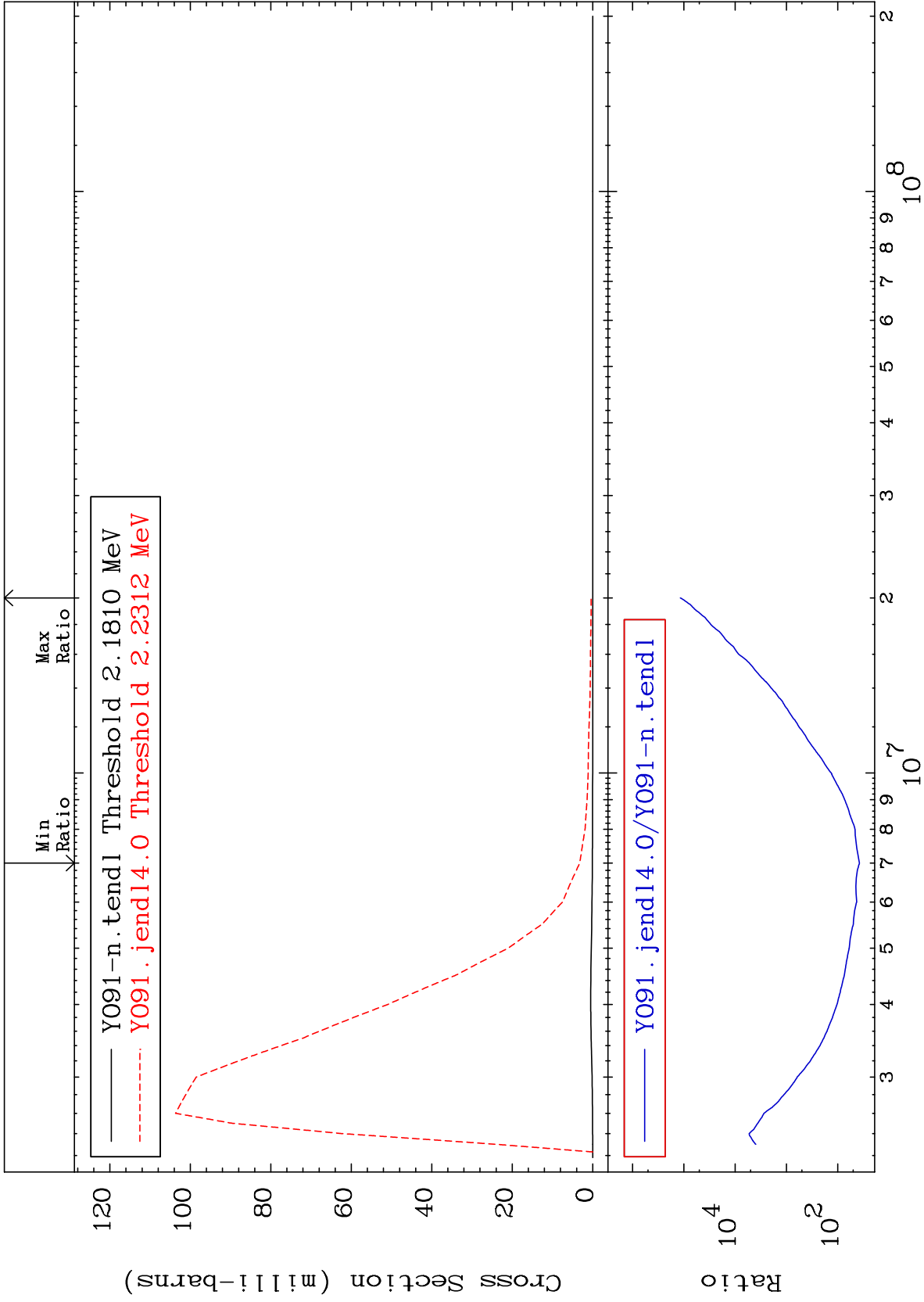
39-Y -91

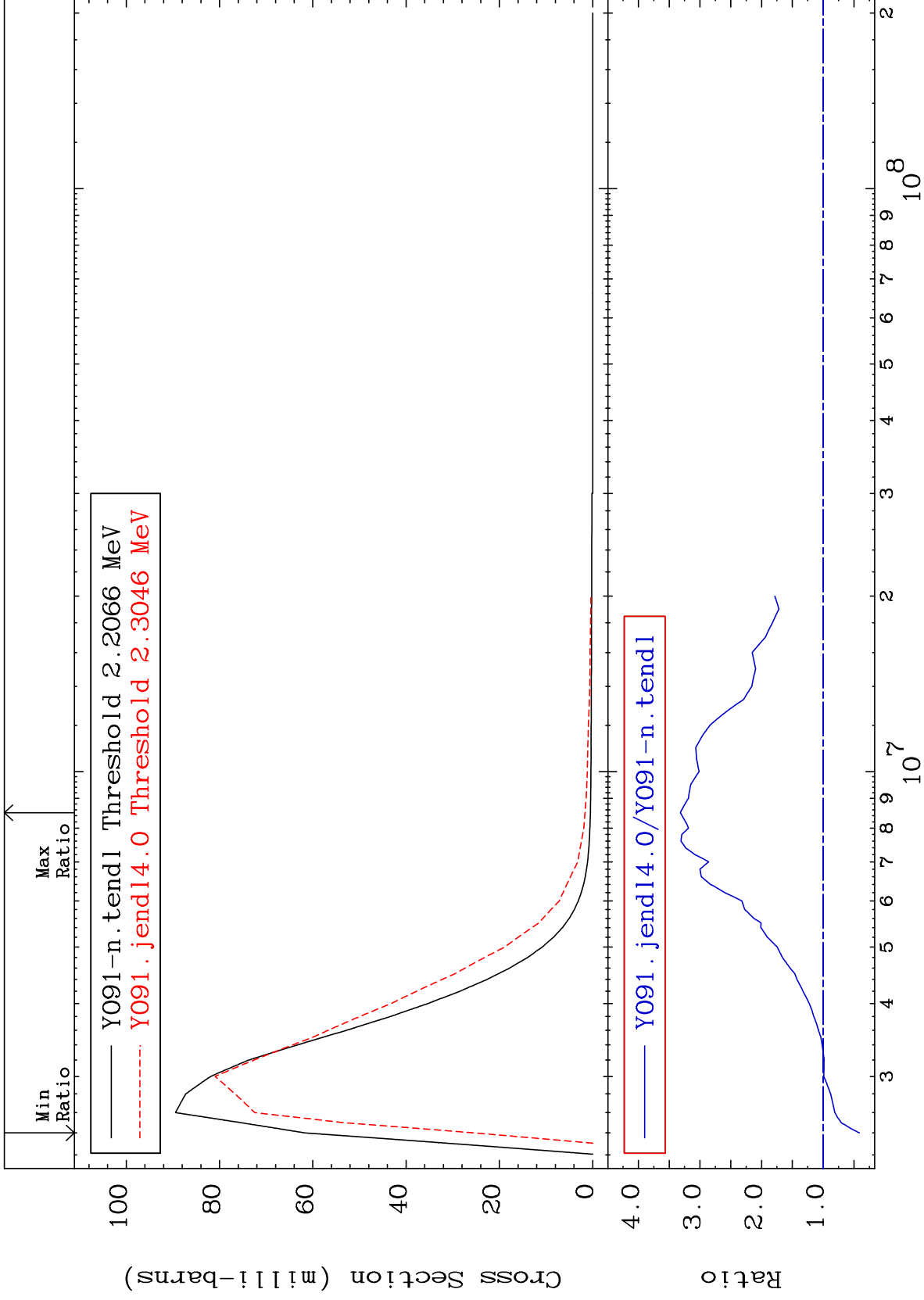
MAT 3931

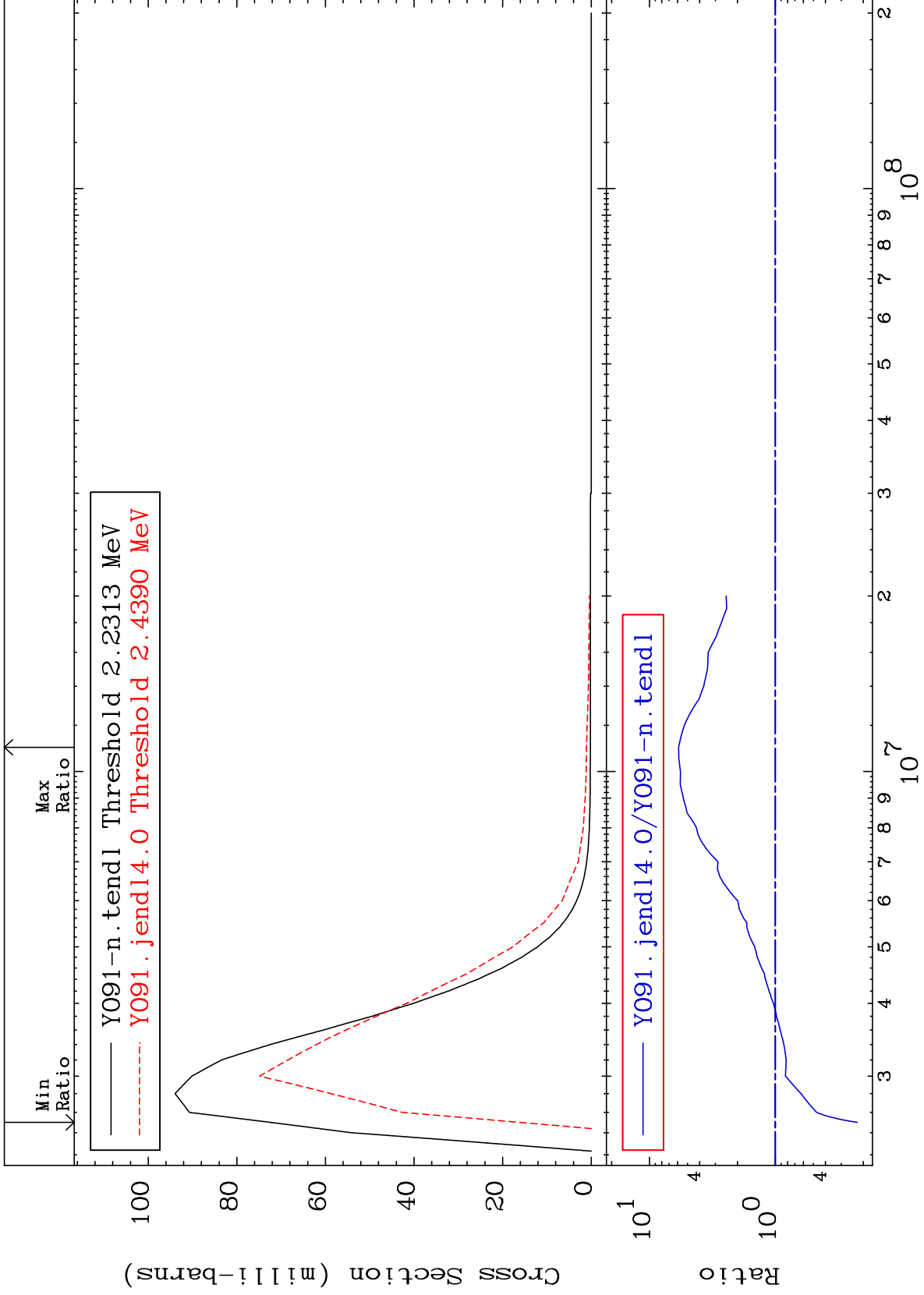
2.129 MeV (n,n') Level
Cross Section

39-Y -91
-92.55 To 21.34 %





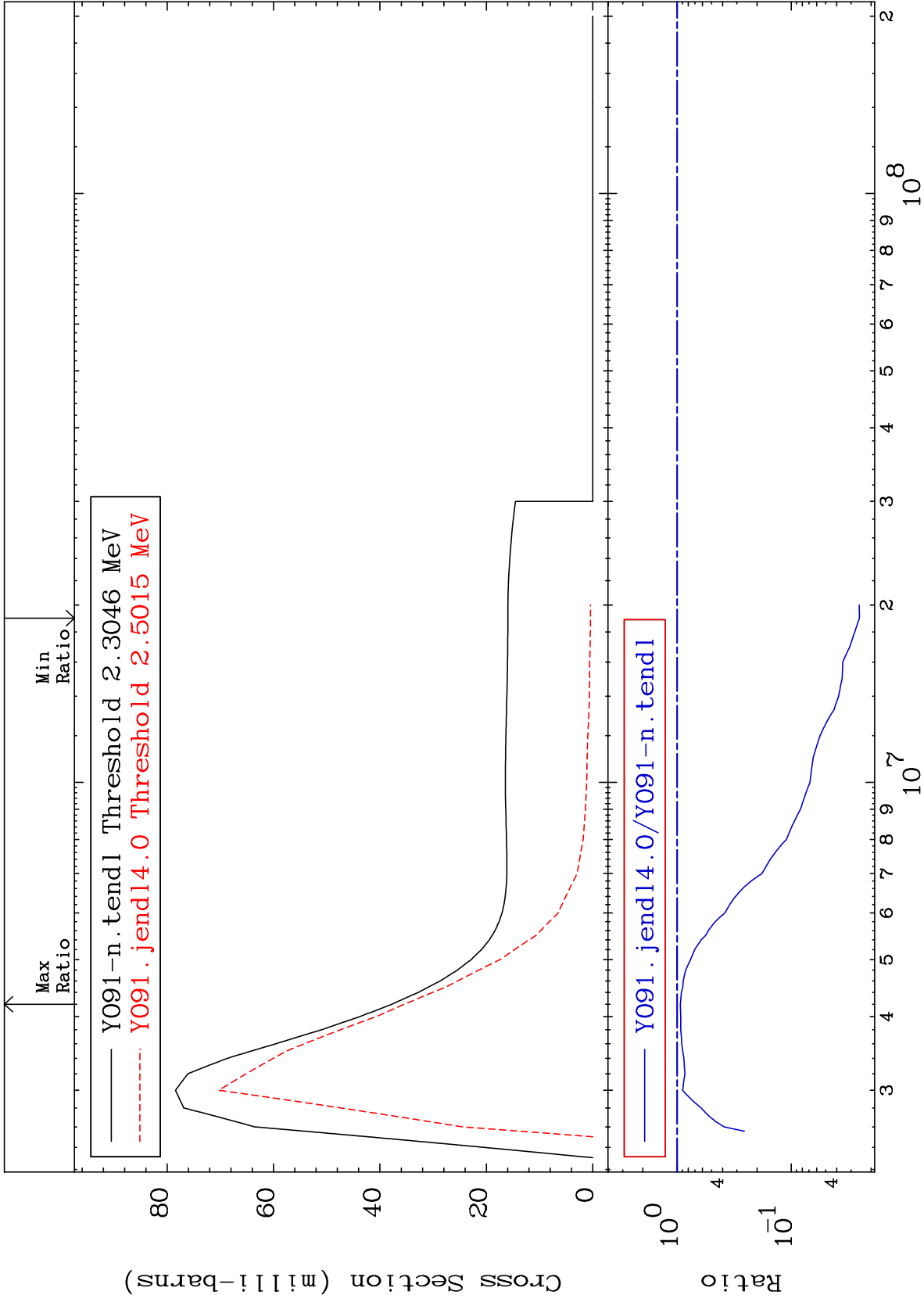


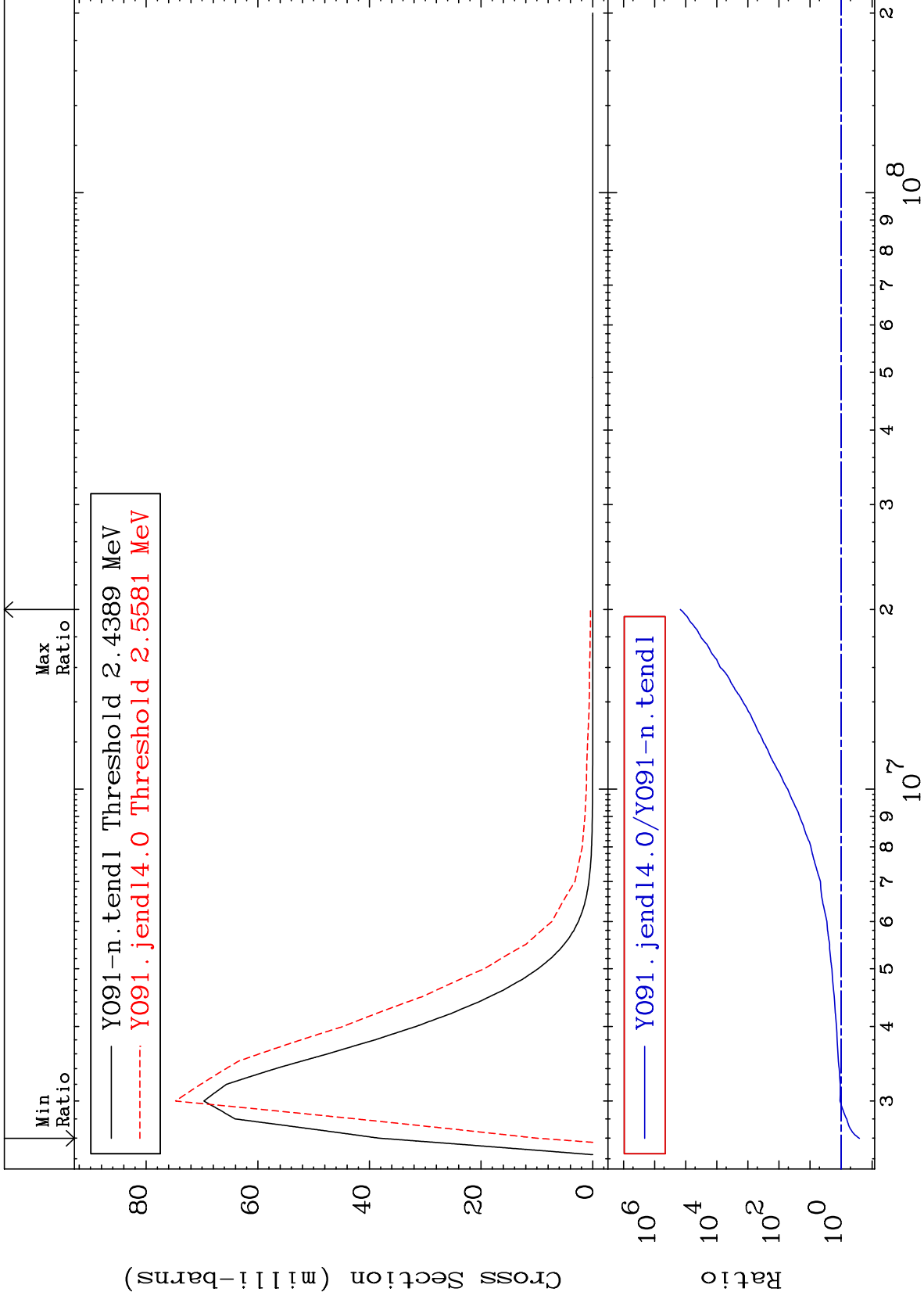


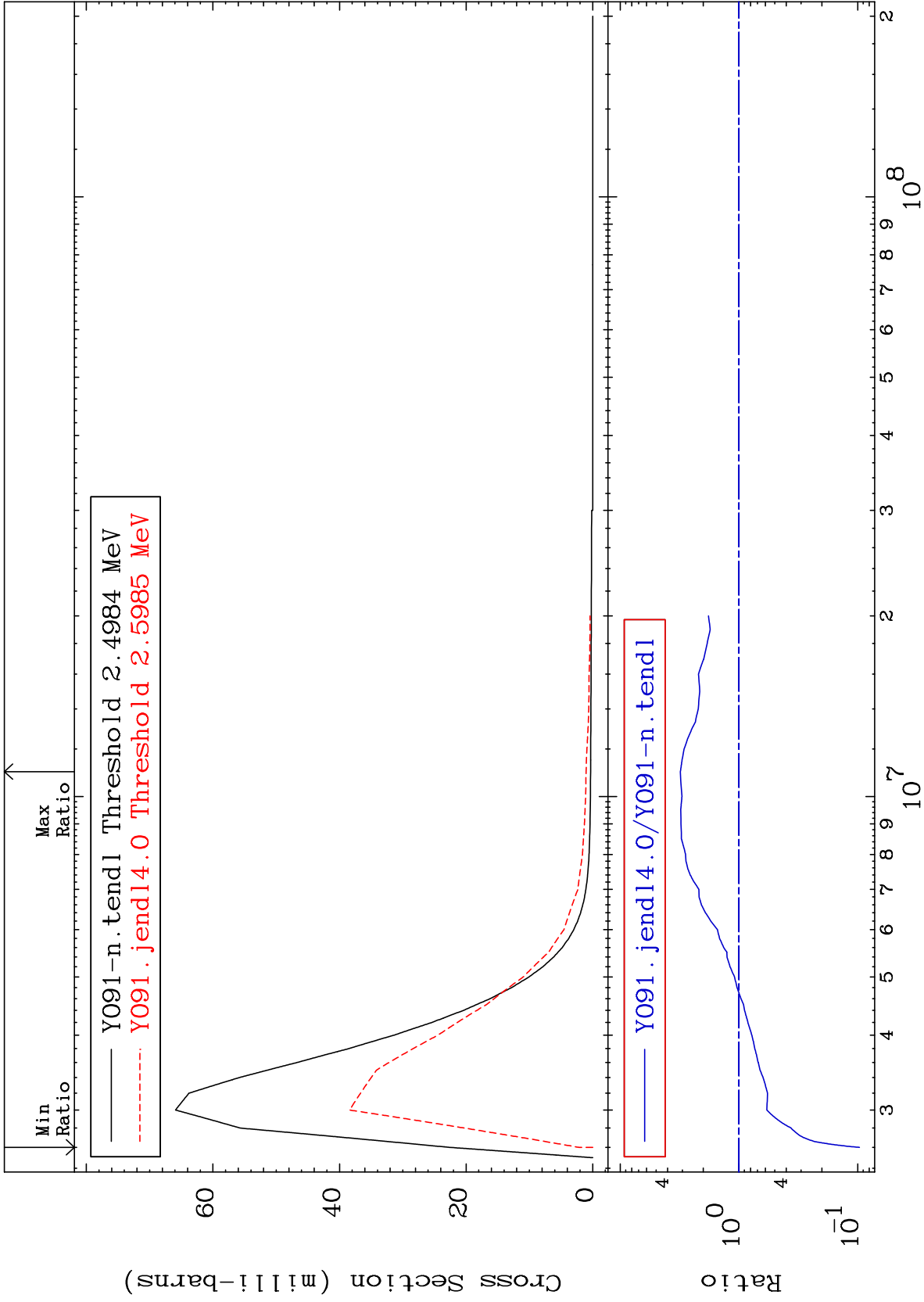
MAT 3931

2.279 MeV (n,n') Level
Cross Section

39-Y -91
-97.47 To -6.265%



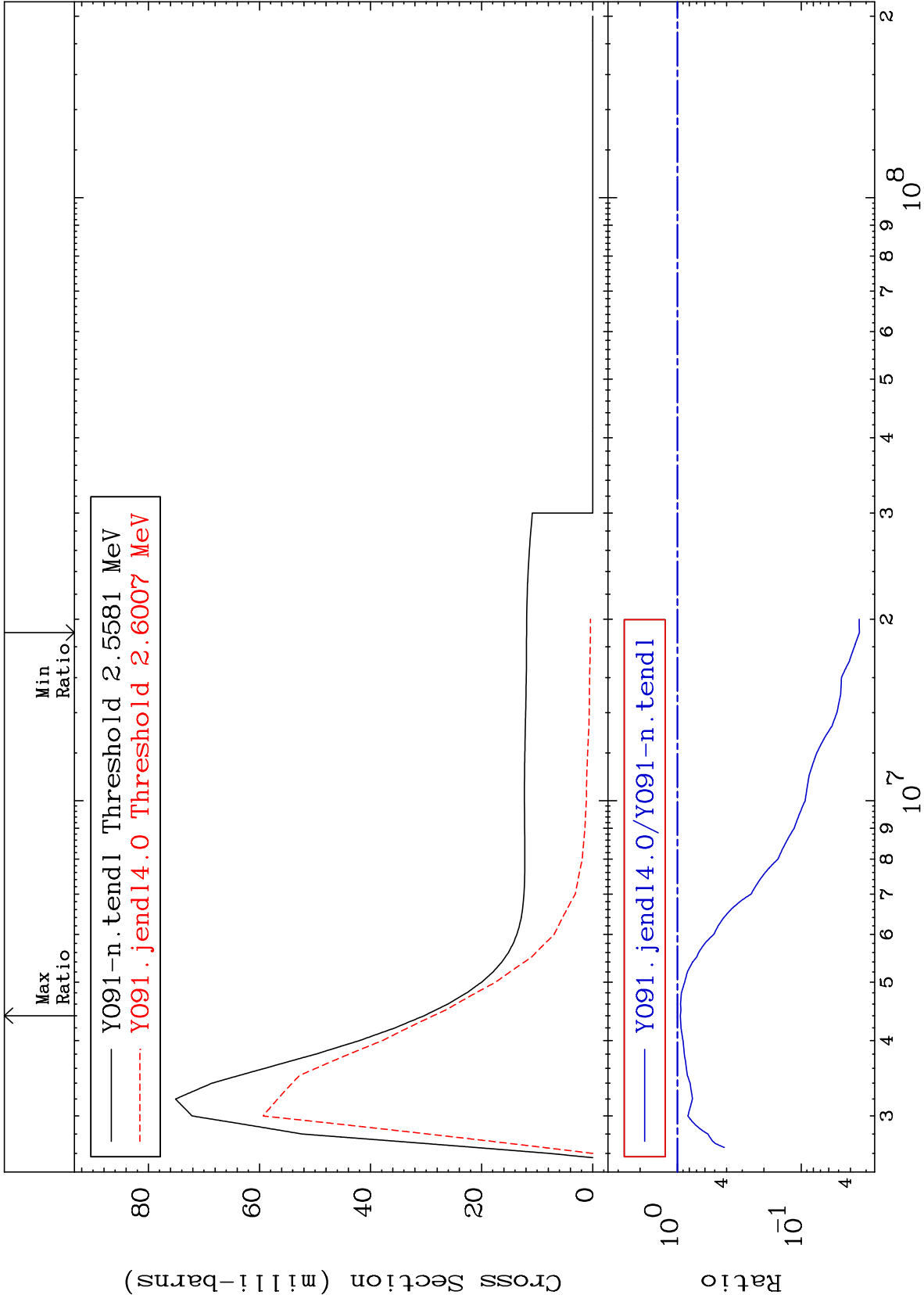


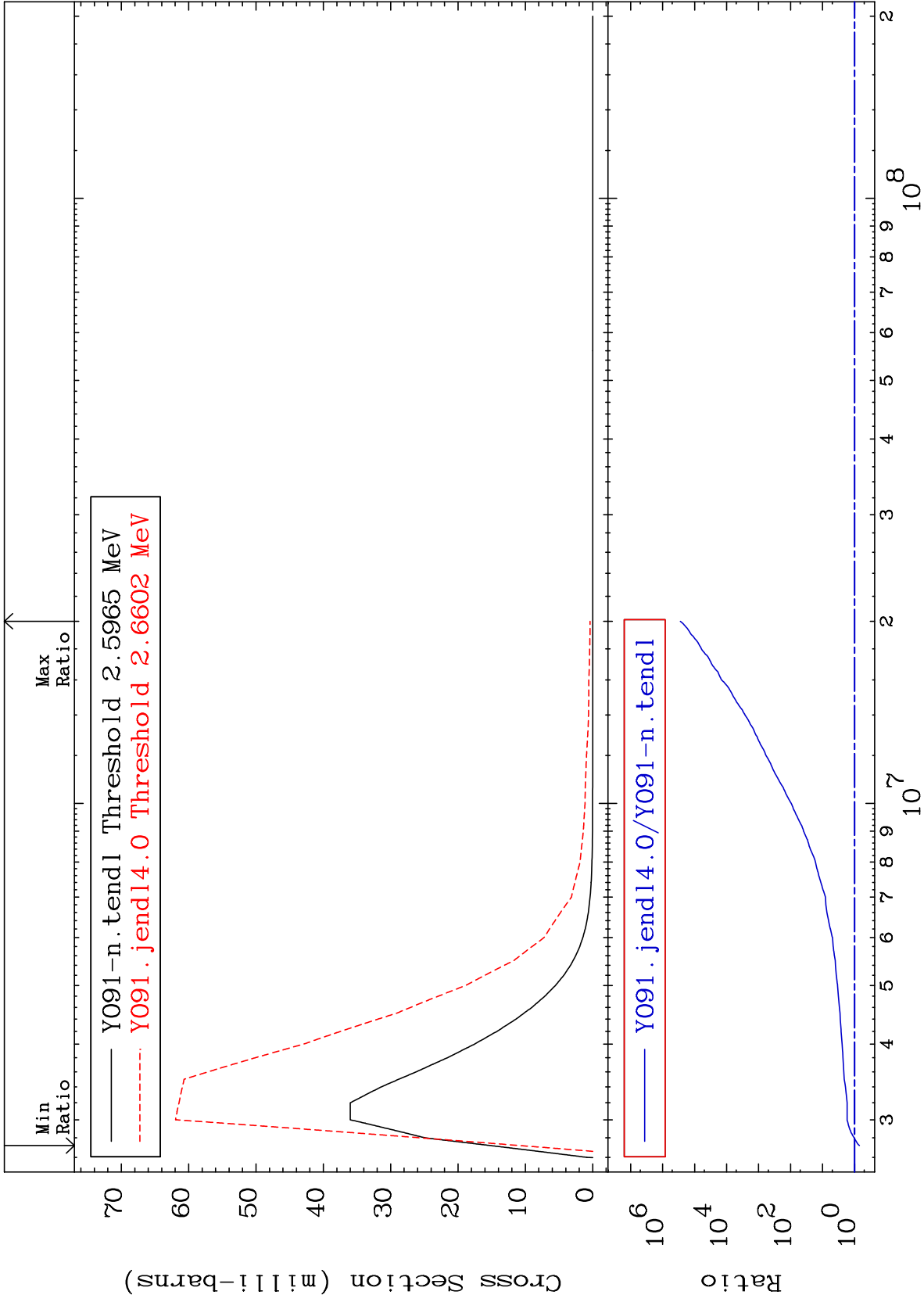


MAT 3931

2.530 MeV (n,n') Level
Cross Section

39-Y -91
-96.61 To -5.427%

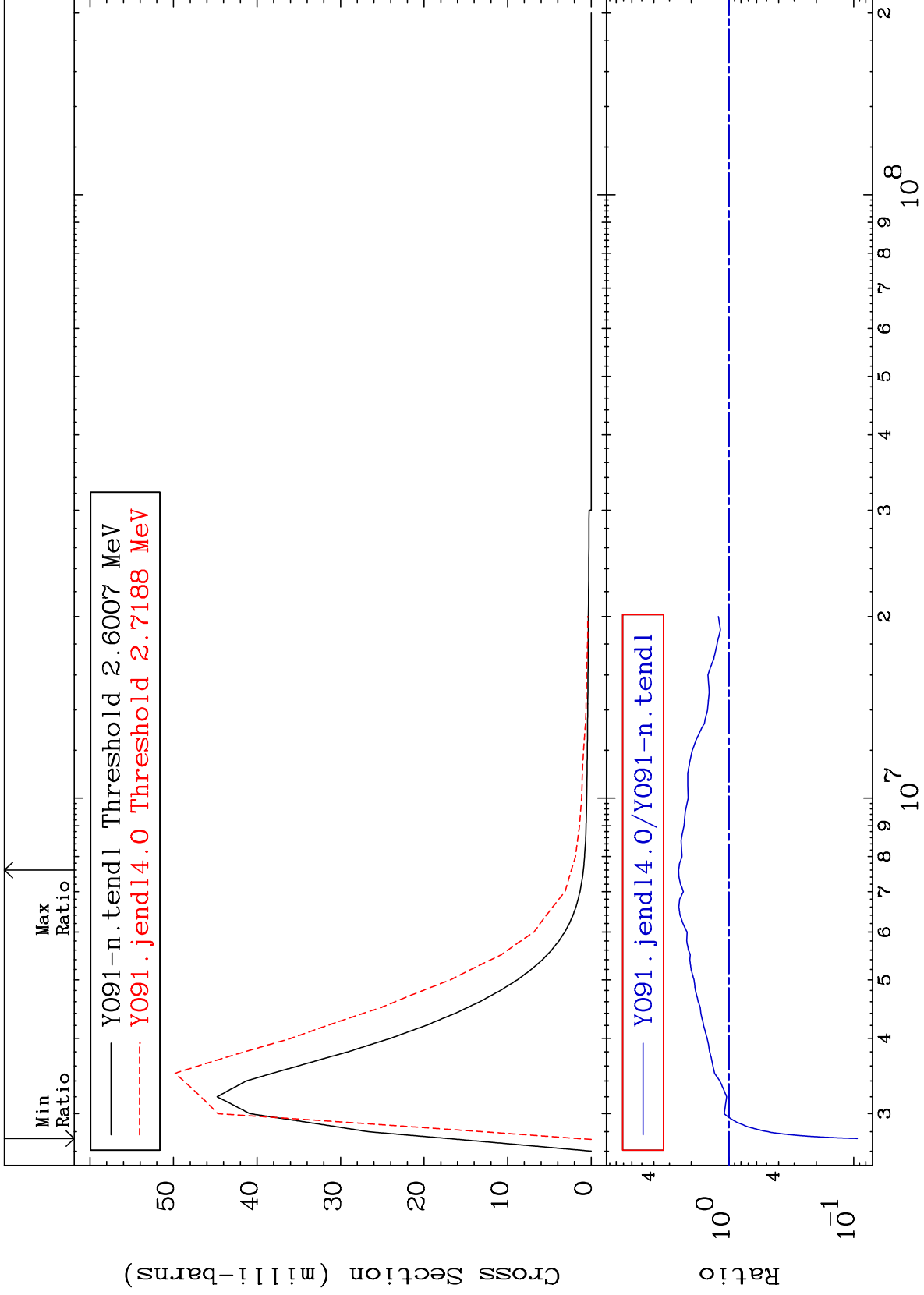




MAT 3931

2.572 MeV (n,n') Level
Cross Section

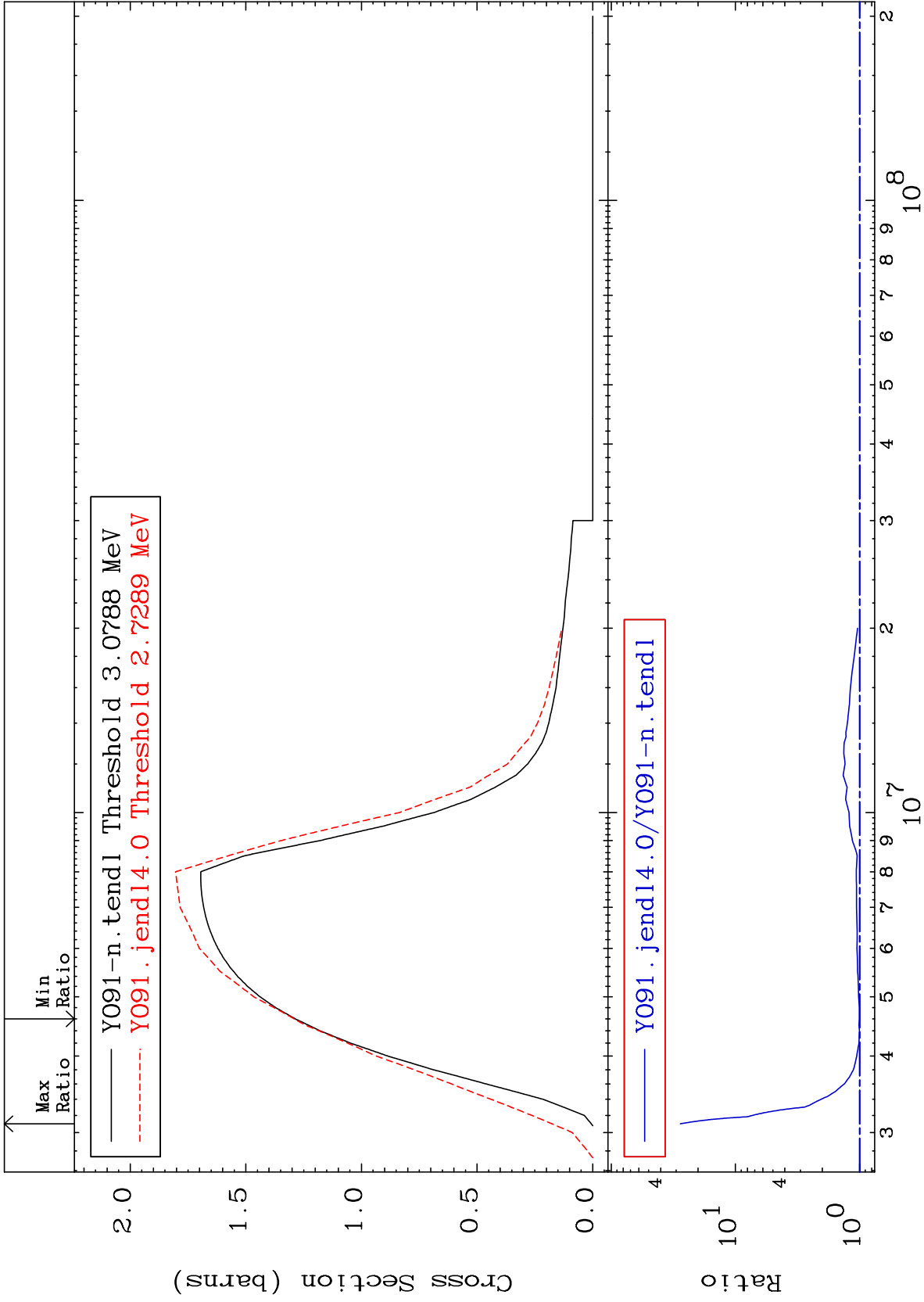
39-Y -91
-90.62 To 152.9 %

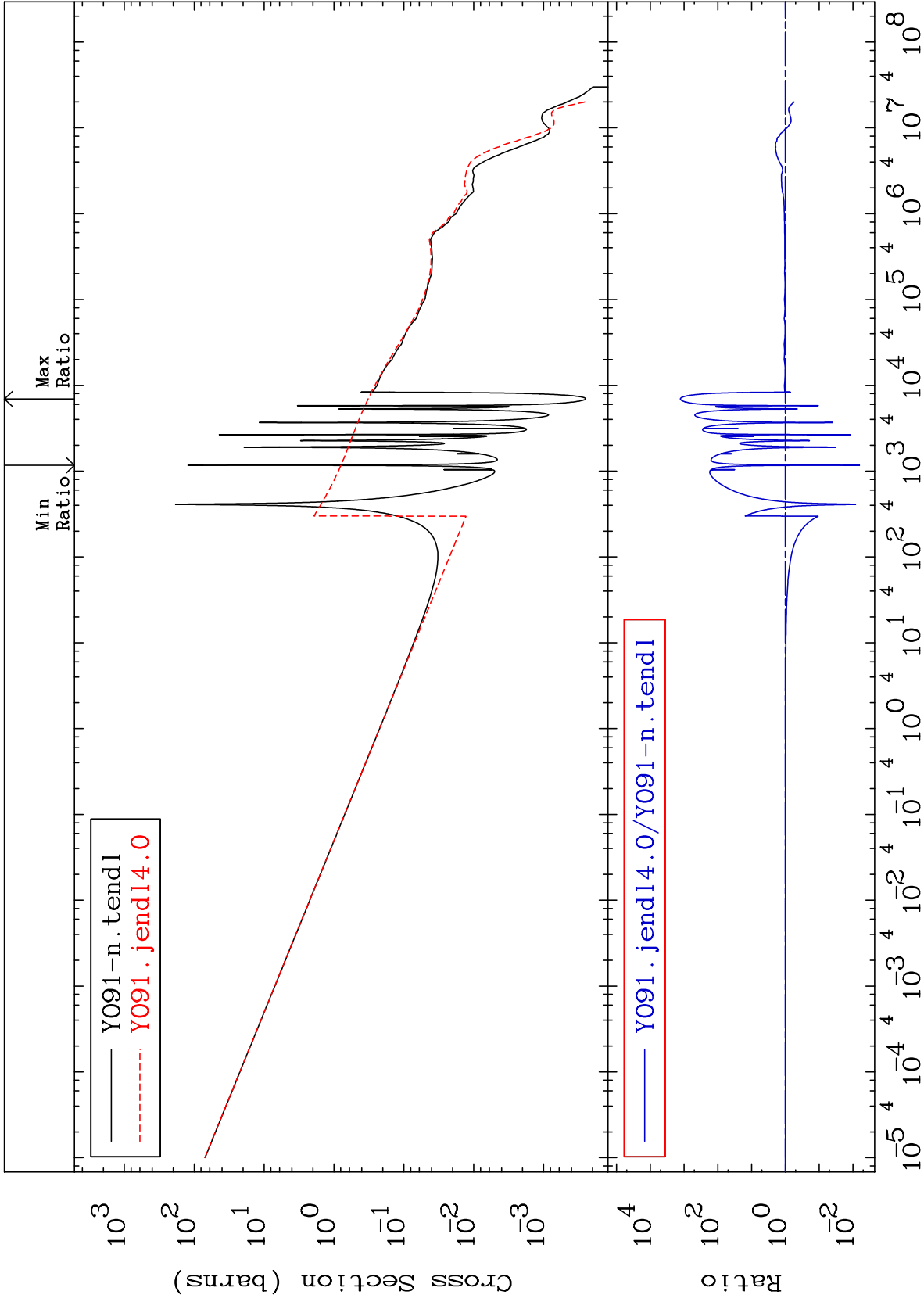


30

Incident Energy (eV)

39-Y -91





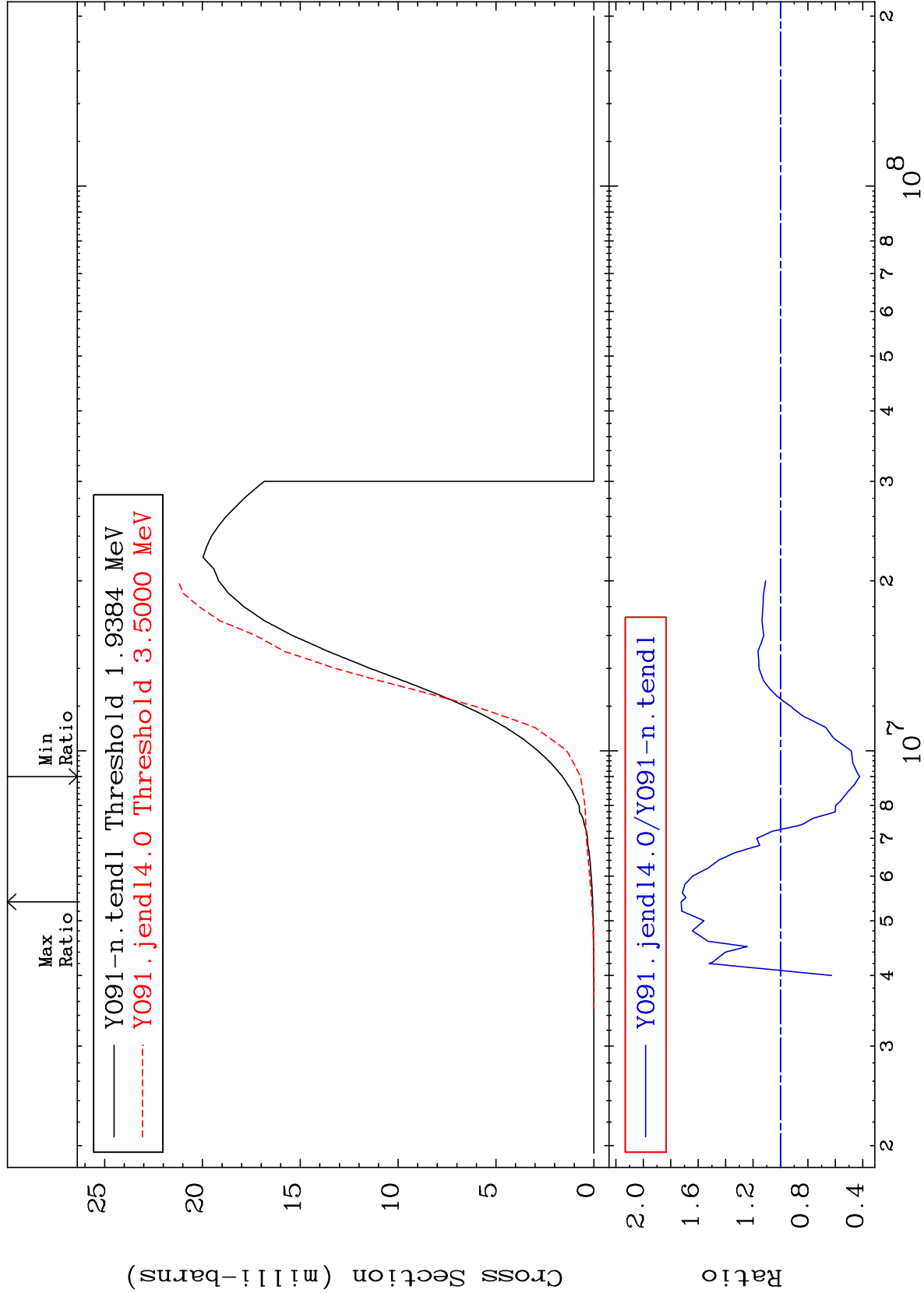
MAT 3931

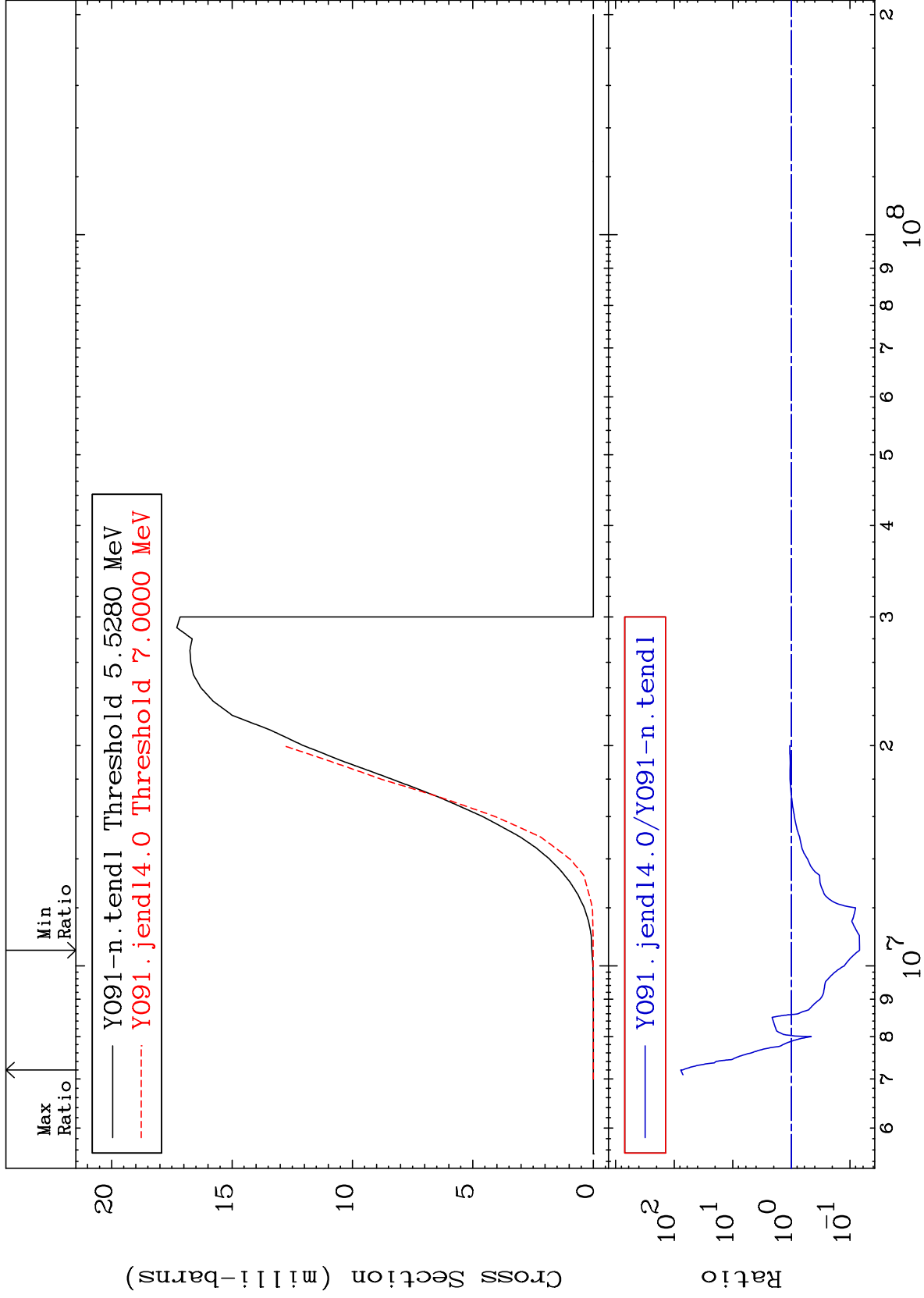
(n,p)

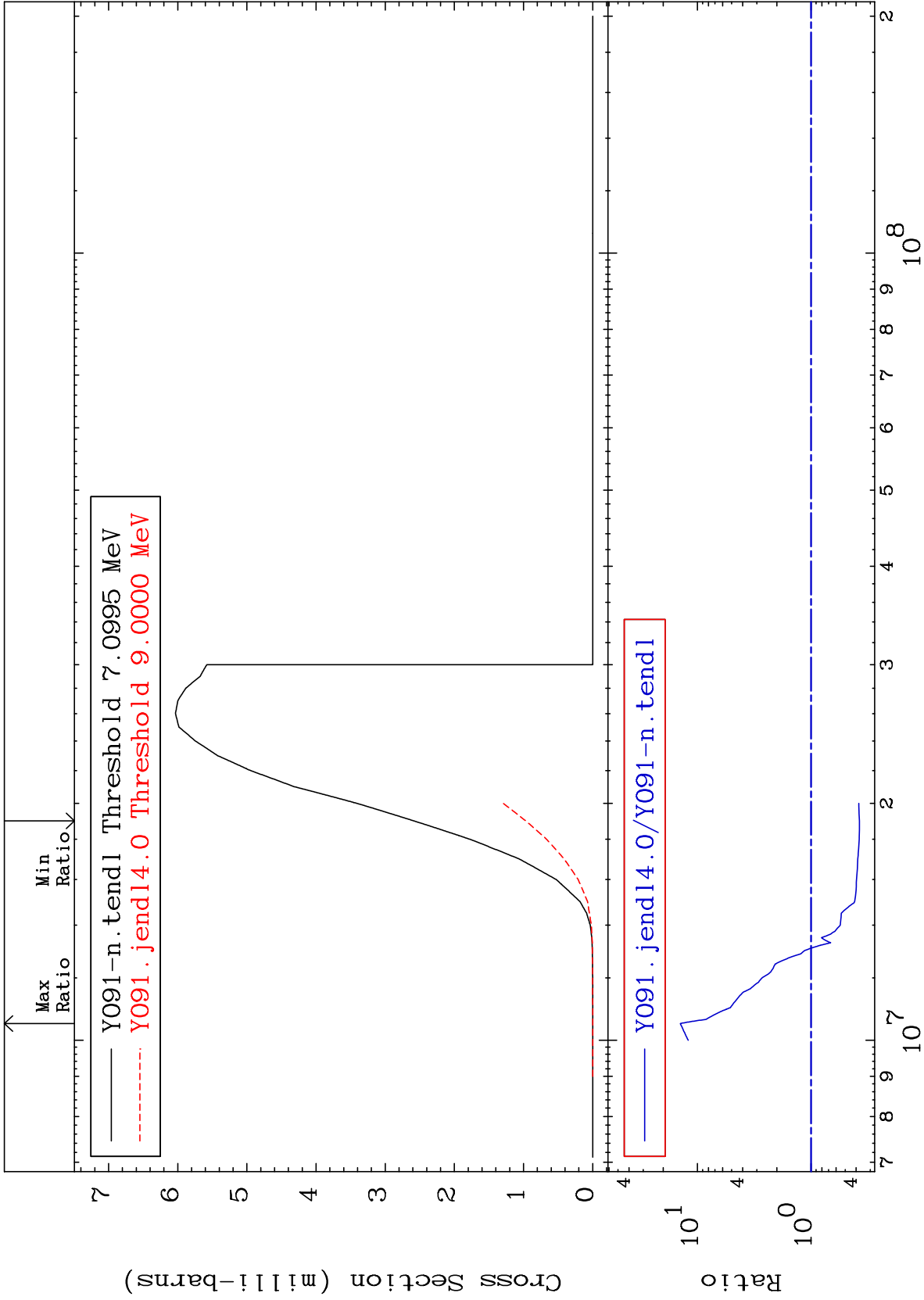
Cross Section

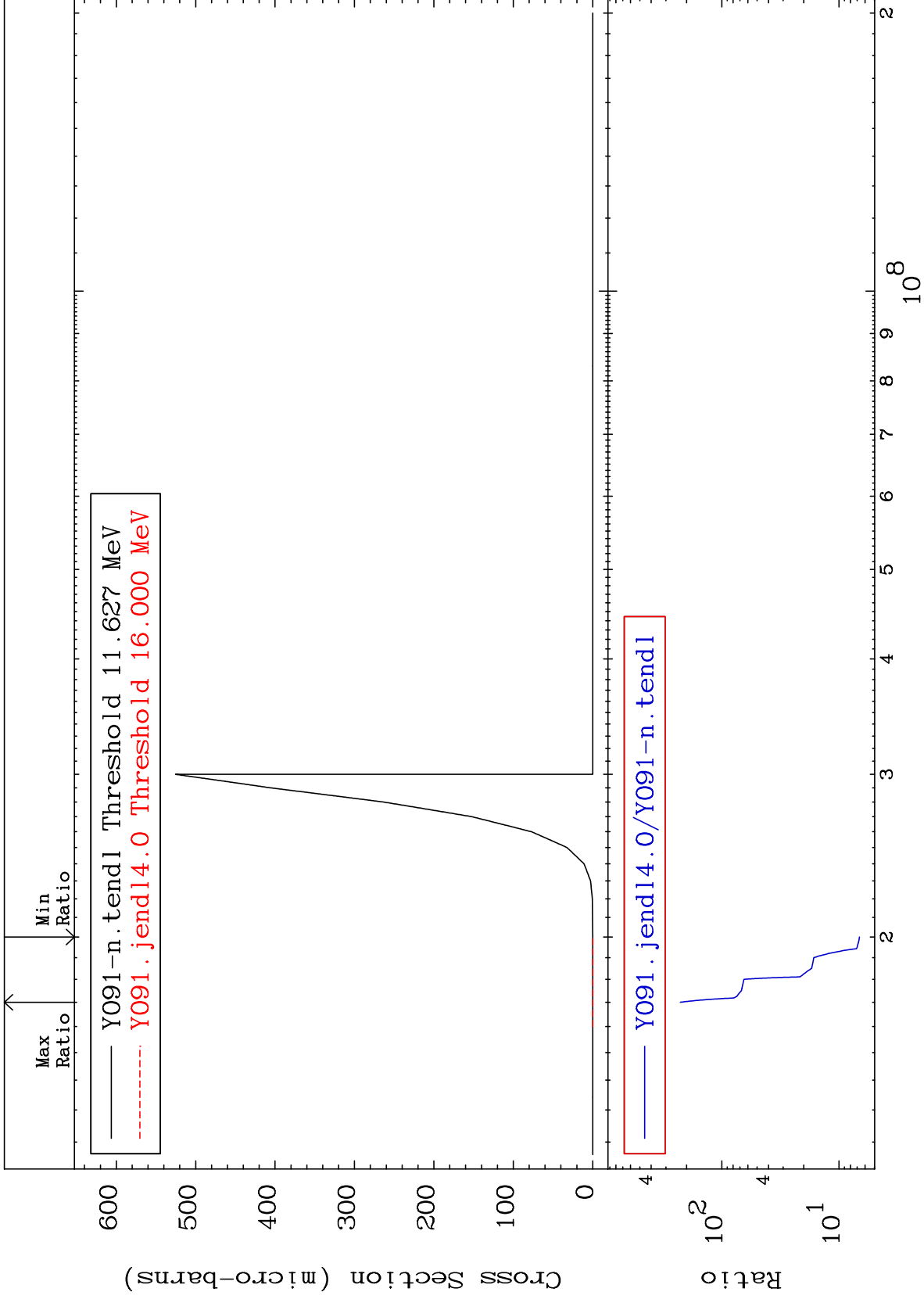
39-Y -91

-57.66 To 72.42 %



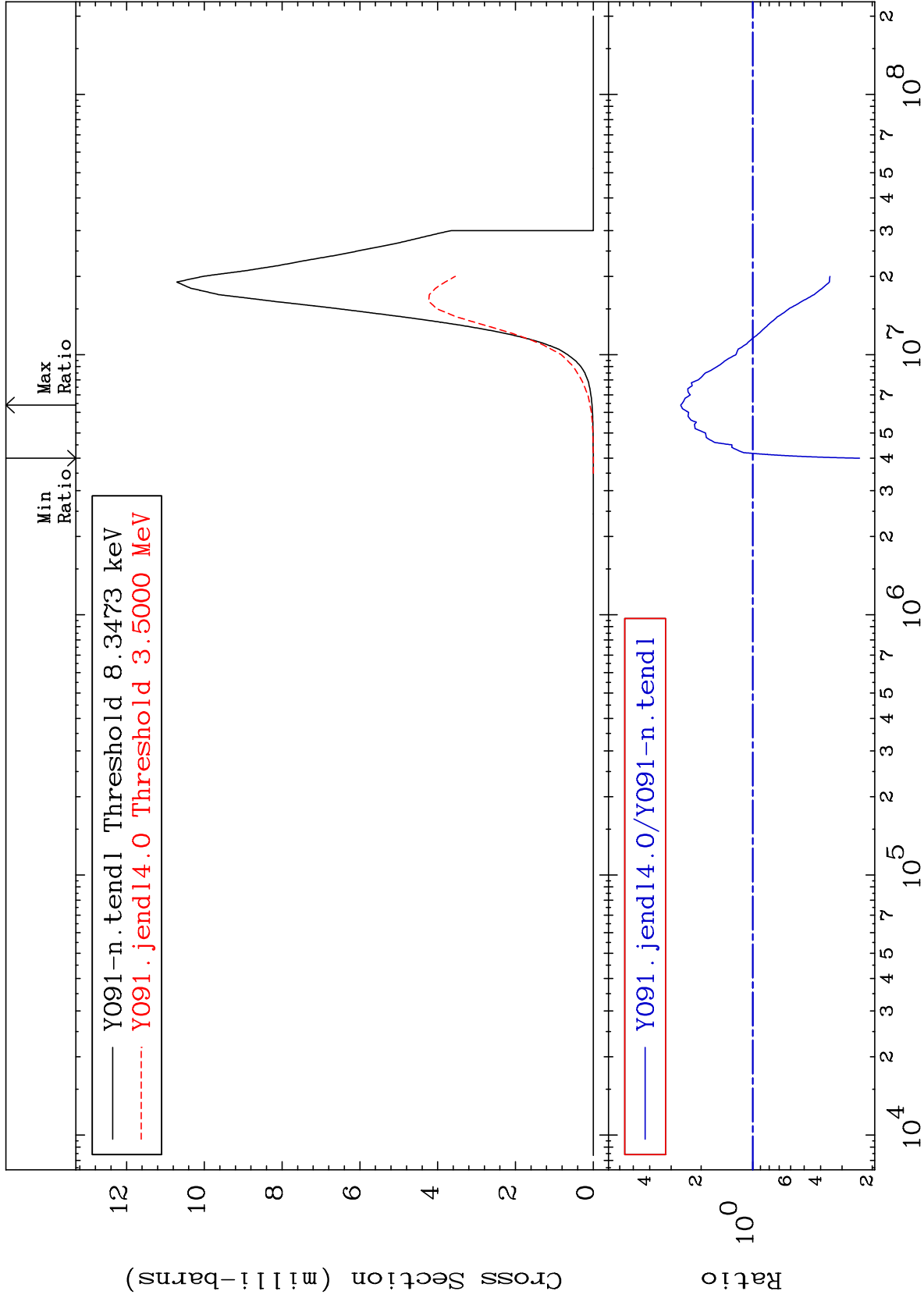


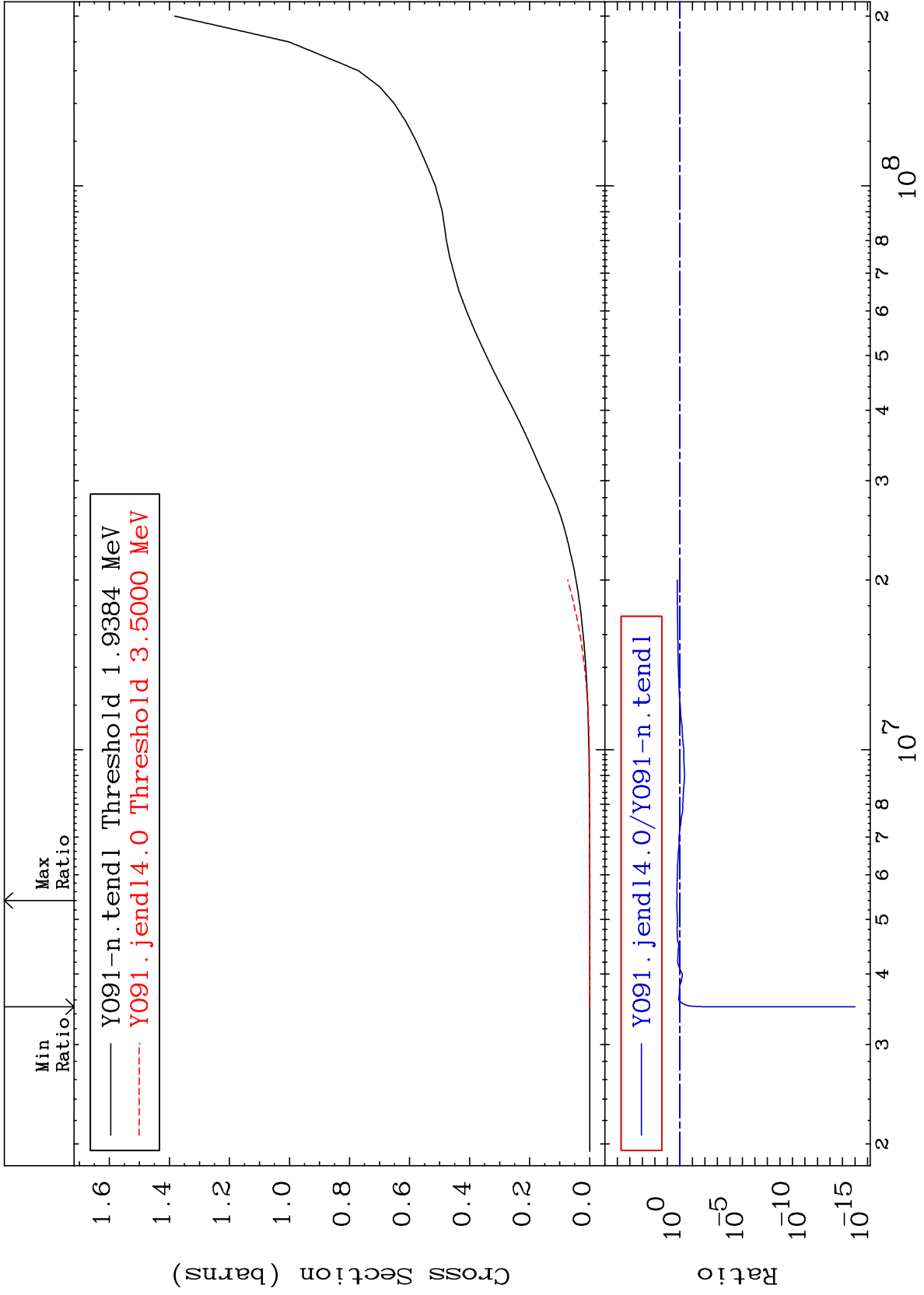


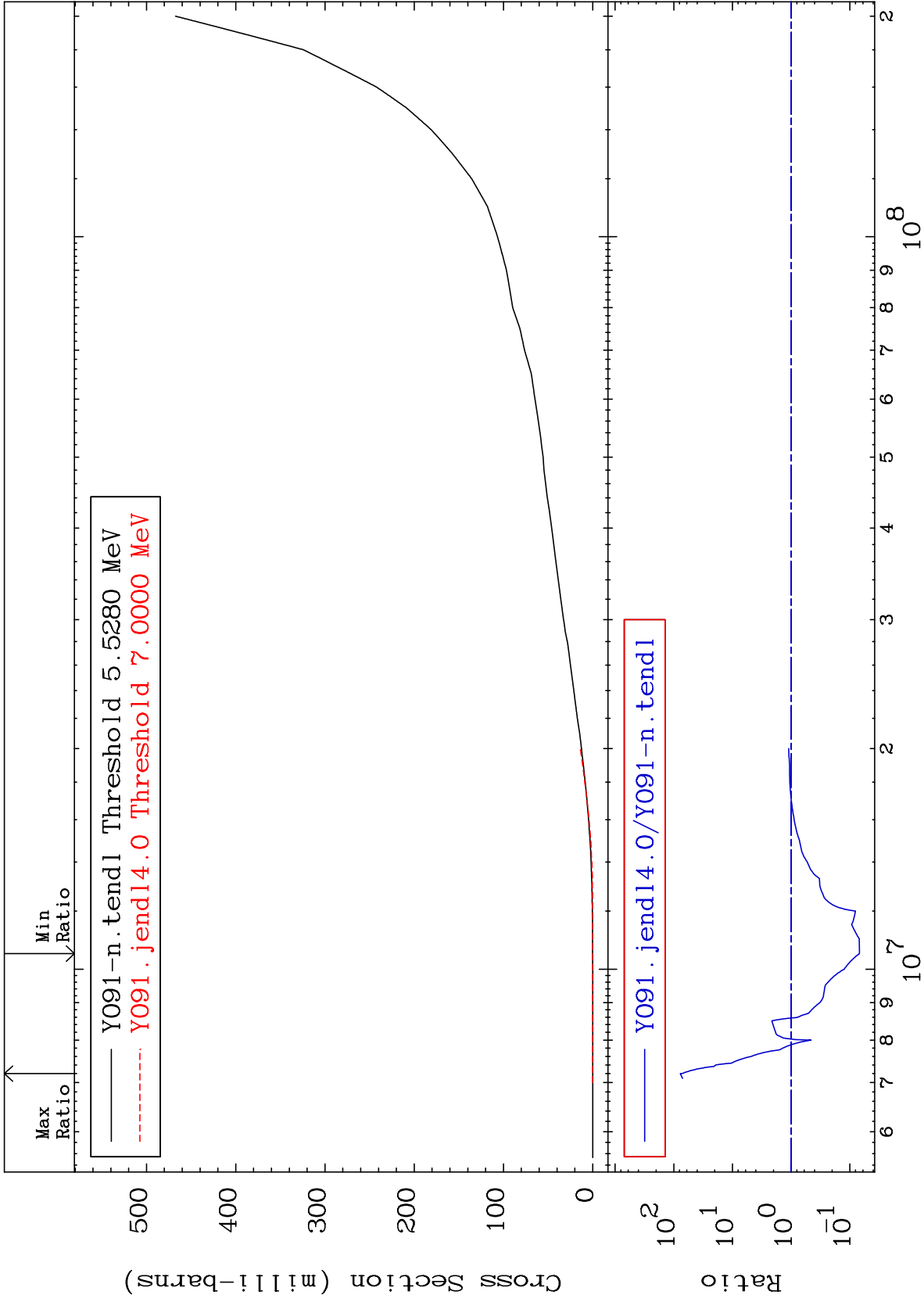


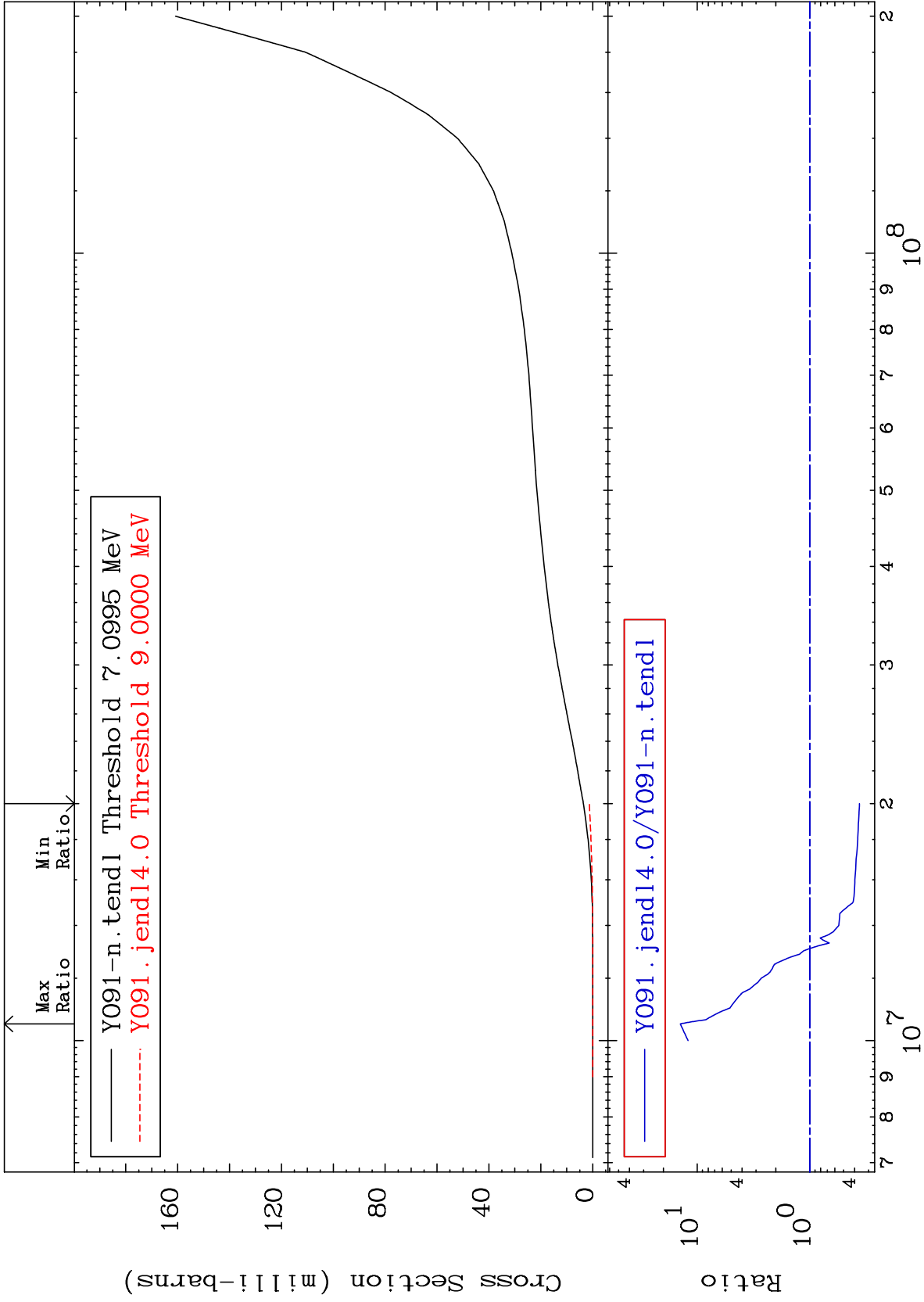
Cross Section

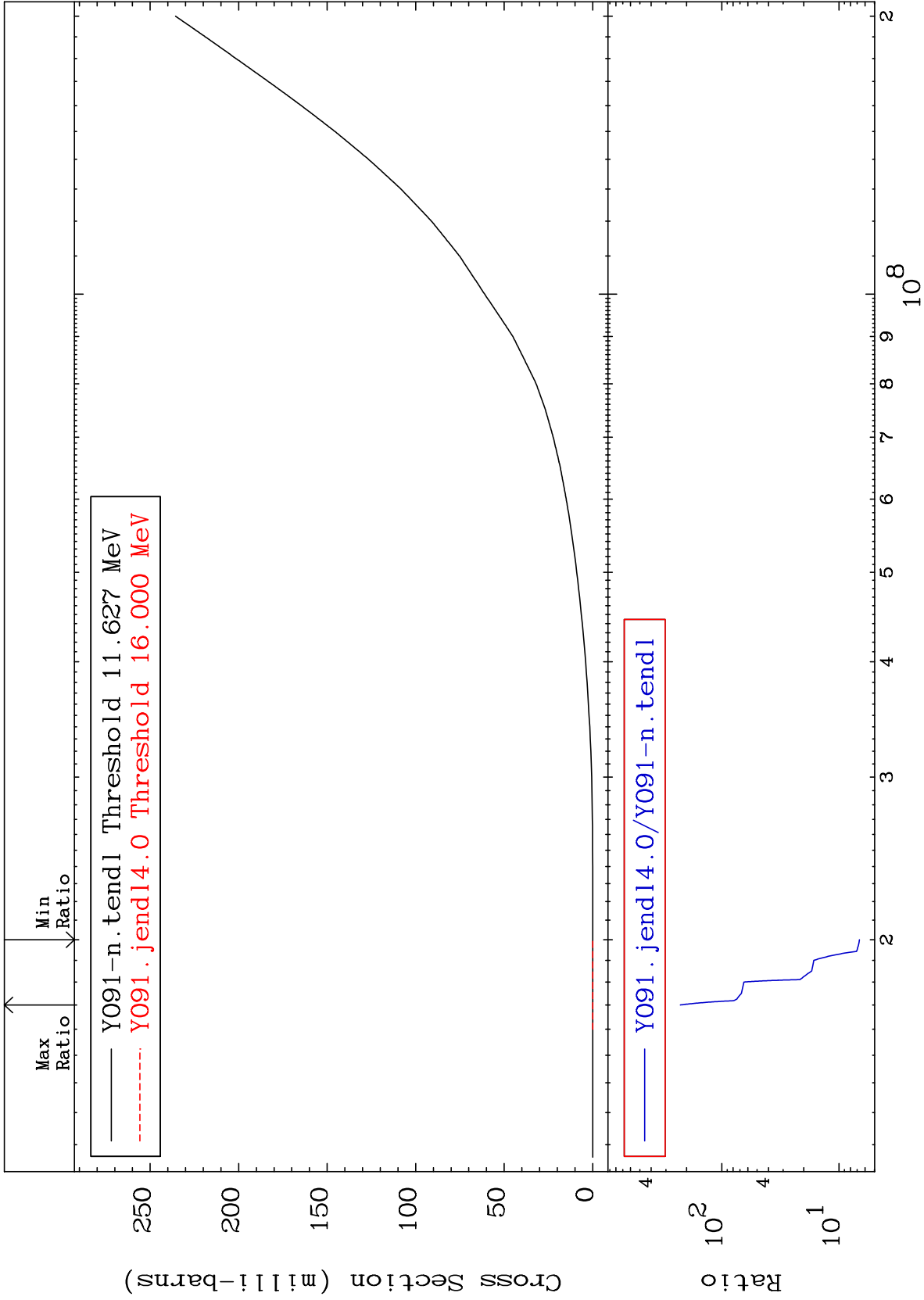
-76.29 To 163.4 %







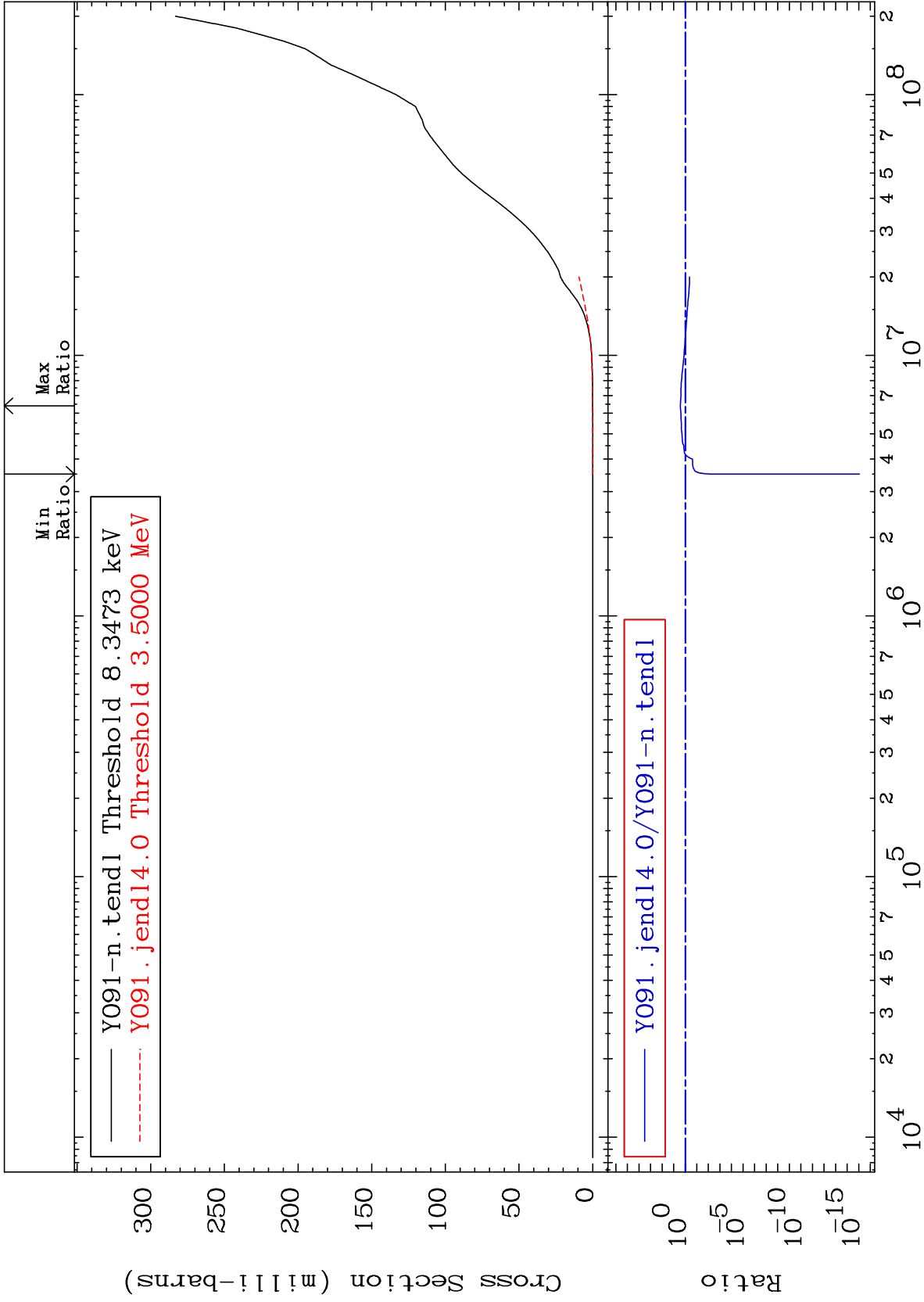




MAT 3931

He-4 Production
Cross Section

39-Y -91
-100.0 To 163.4 %



42

Incident Energy (eV)

39-Y -91

