

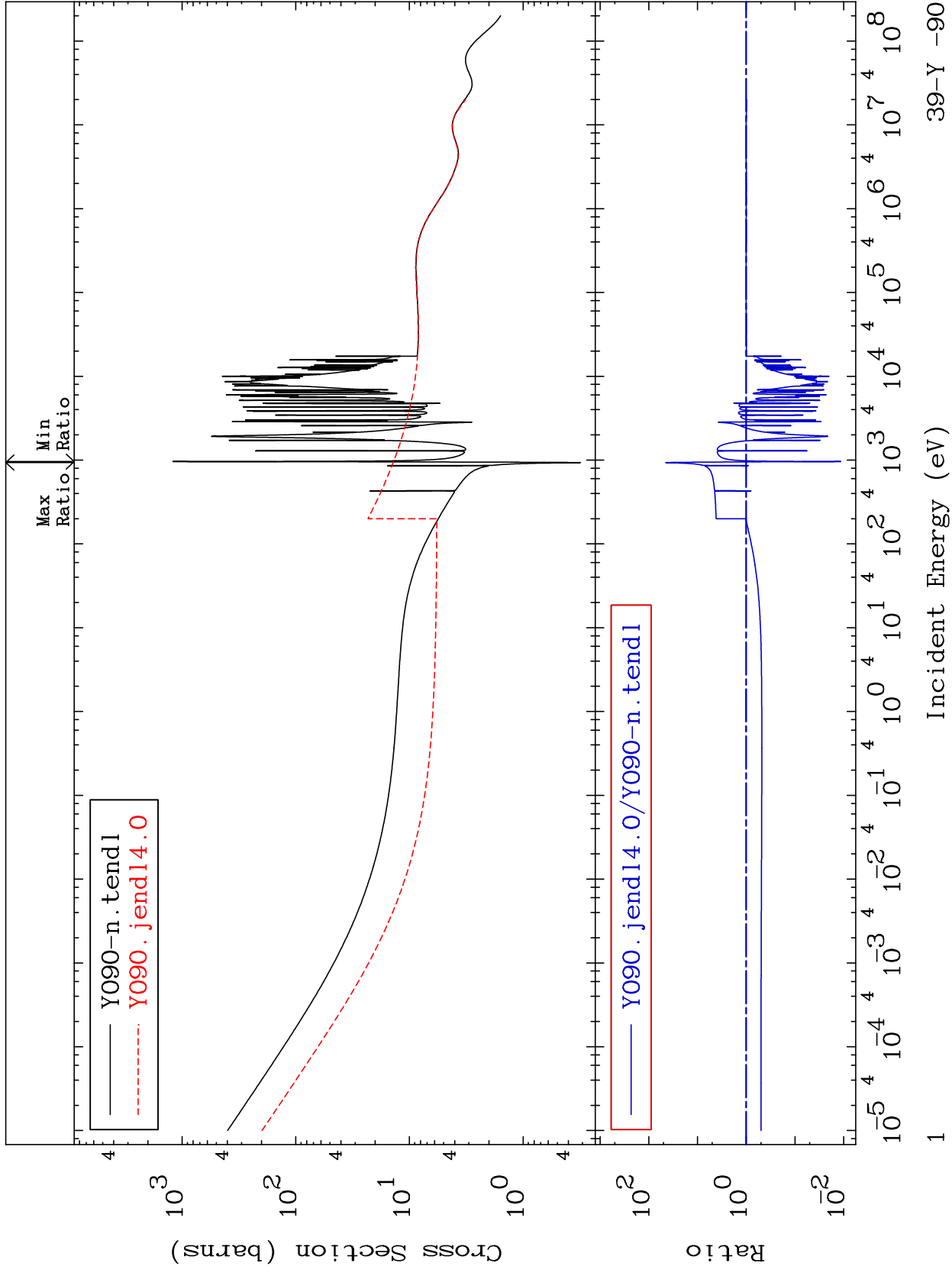
MAT 3928

Total

39-Y -90

Cross Section

-98.86 To 4342. %



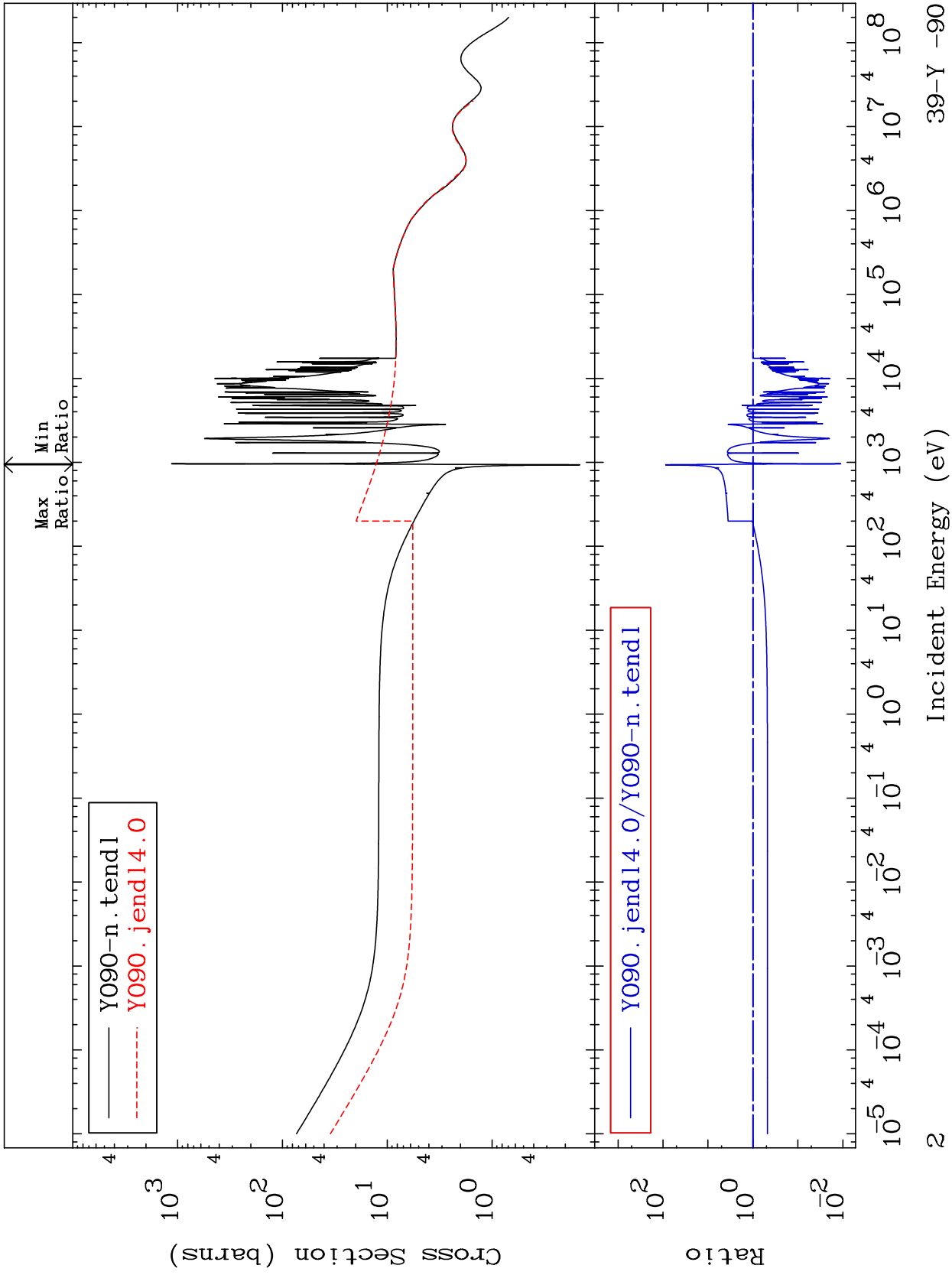
39-Y -90

Incident Energy (eV)

MAT 3928

Elastic
Cross Section

39-Y -90
-98.88 To 8696. %



39-Y -90

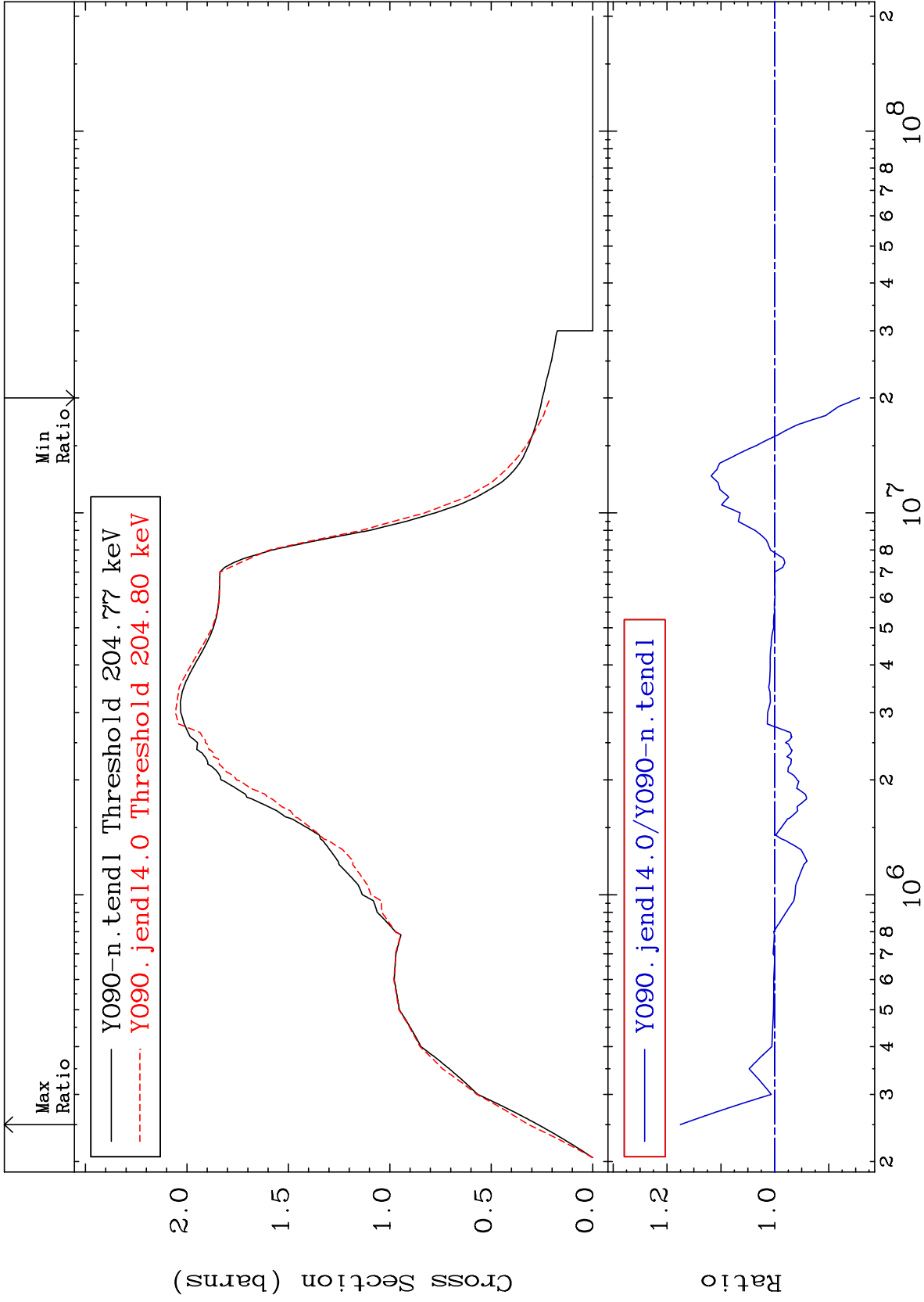
Incident Energy (eV)

2

MAT 3928

Inelastic
Cross Section

39-Y -90
-15.71 To 17.52 %



3

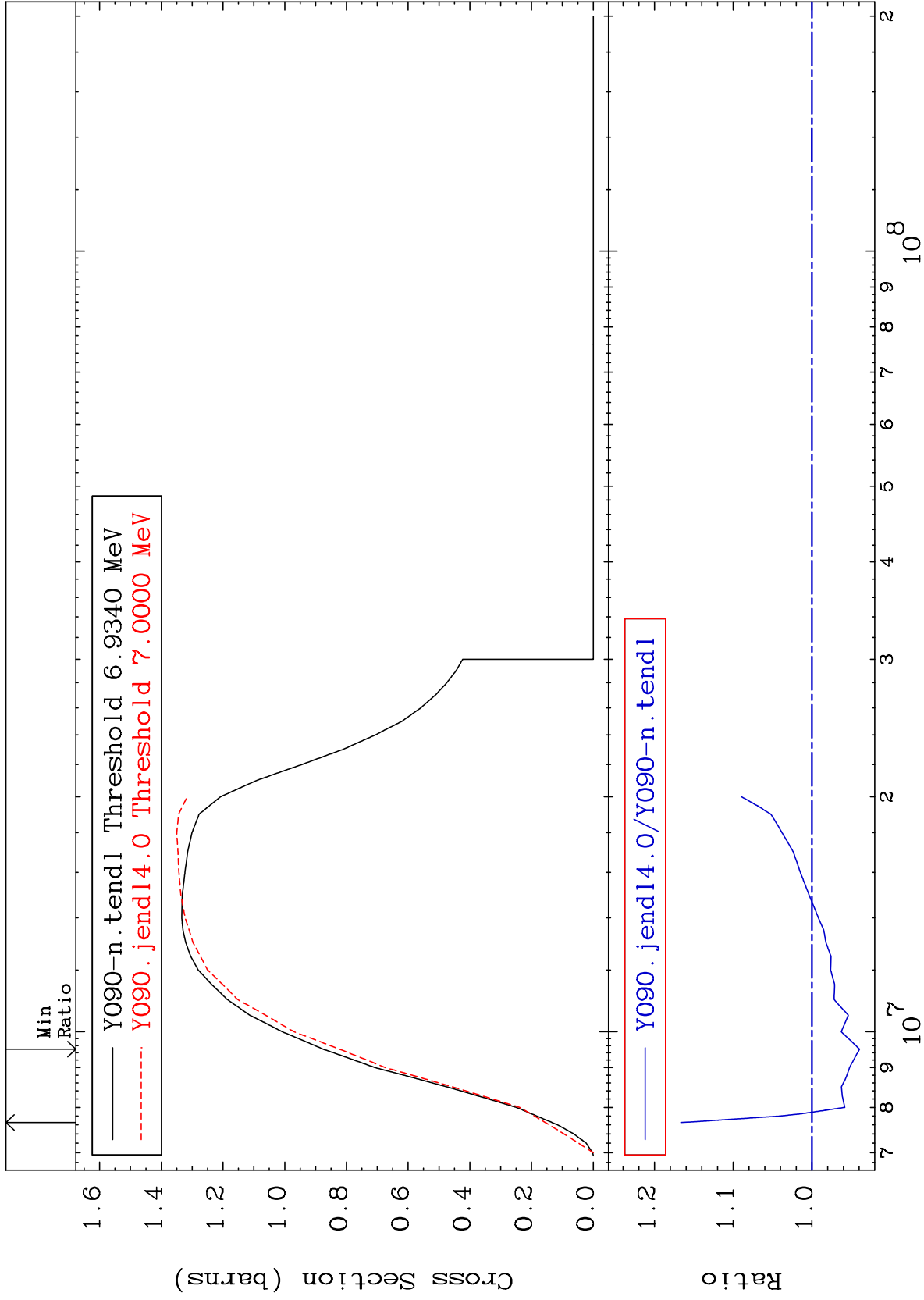
Incident Energy (eV)

39-Y -90

MAT 3928

(n,2n)
Cross Section

39-Y -90
-6.049 To 16.67 %



4

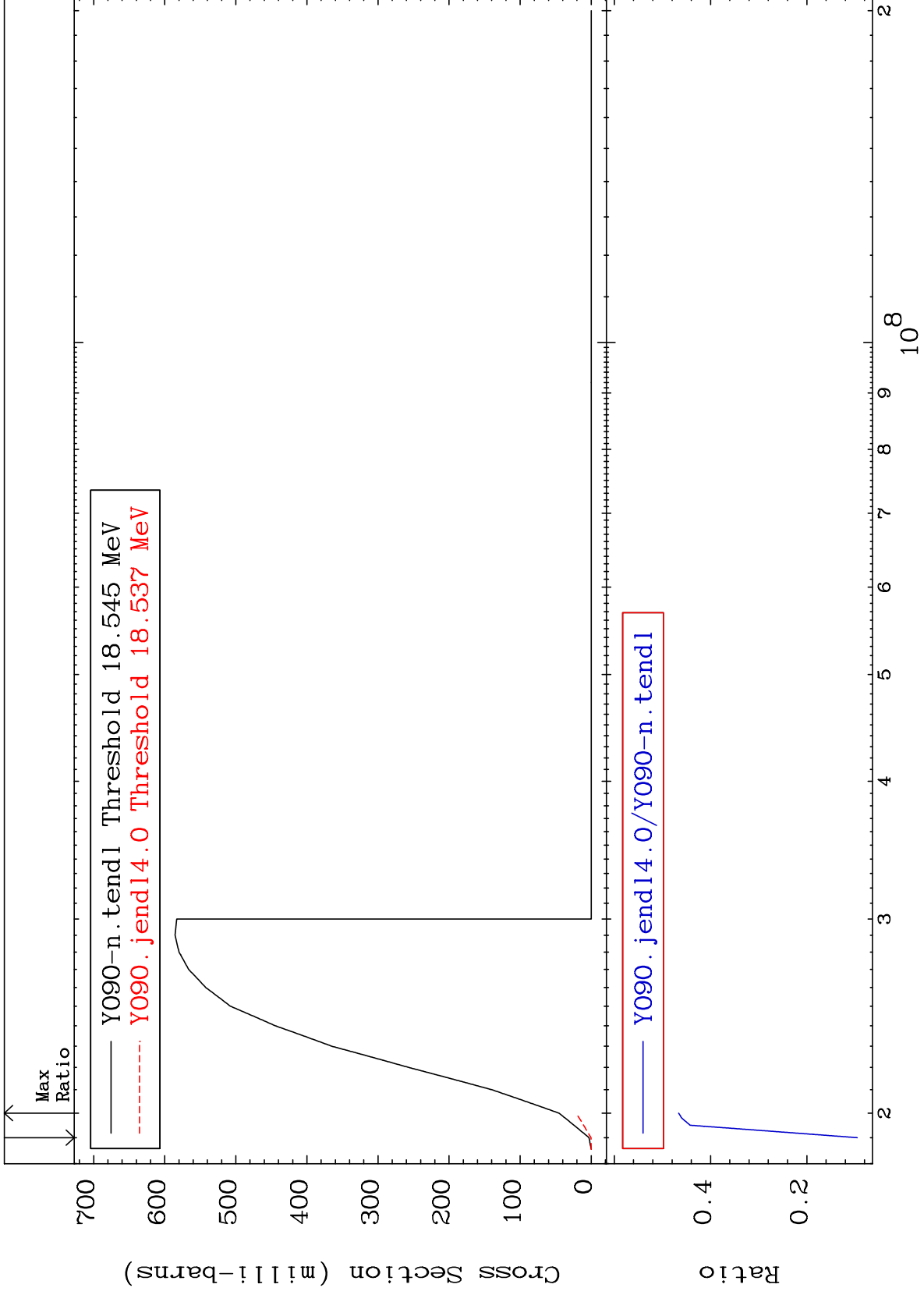
Incident Energy (eV)

39-Y -90

MAT 3928

(n,3n)
Cross Section

39-Y -90
-90.48 To -53.37%



5

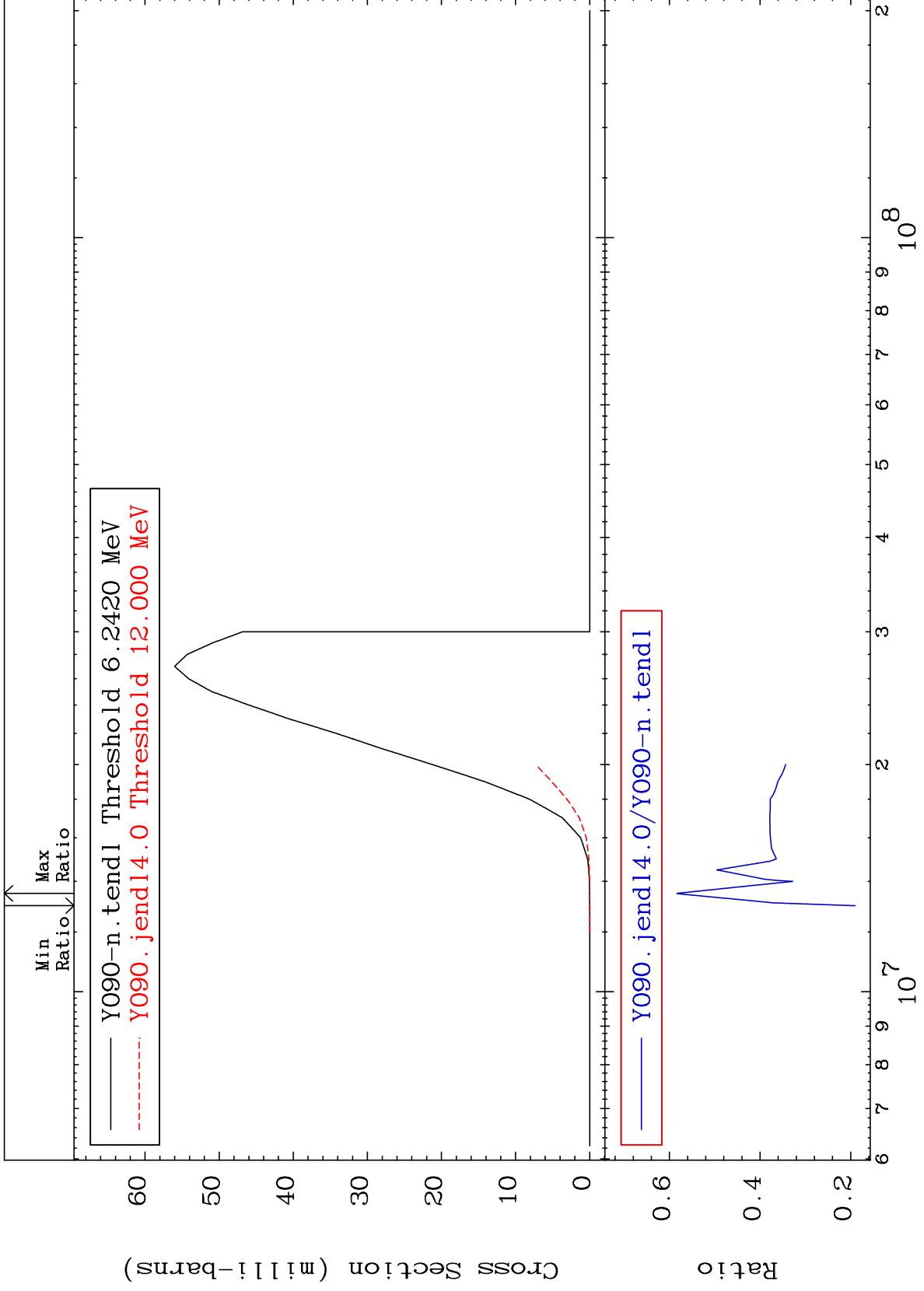
Incident Energy (eV)

39-Y -90

MAT 3928

(n, n') α
Cross Section

39-Y -90
-80.98 To -41.65%



6

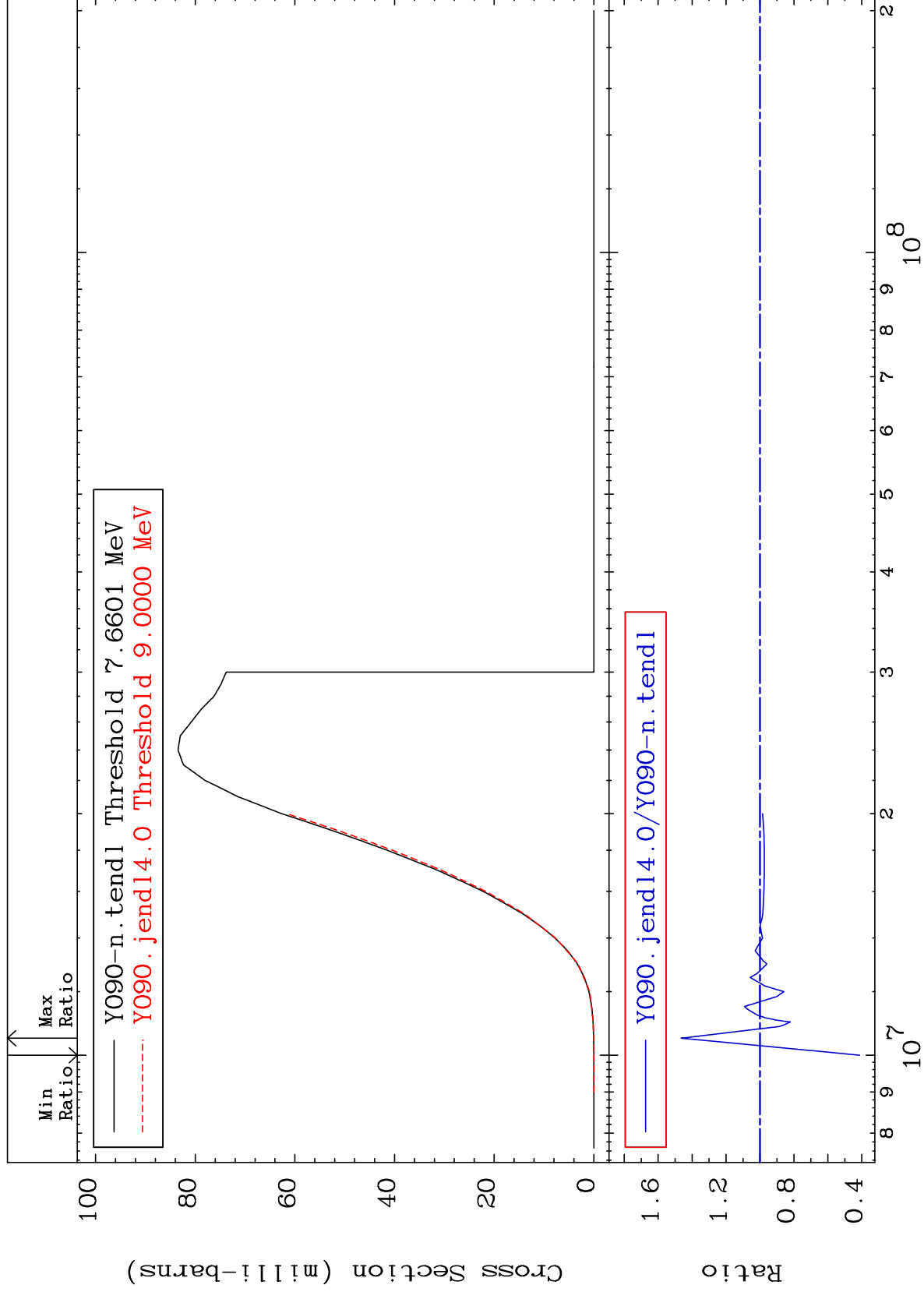
Incident Energy (eV)

39-Y -90

MAT 3928

(n,n') p
Cross Section

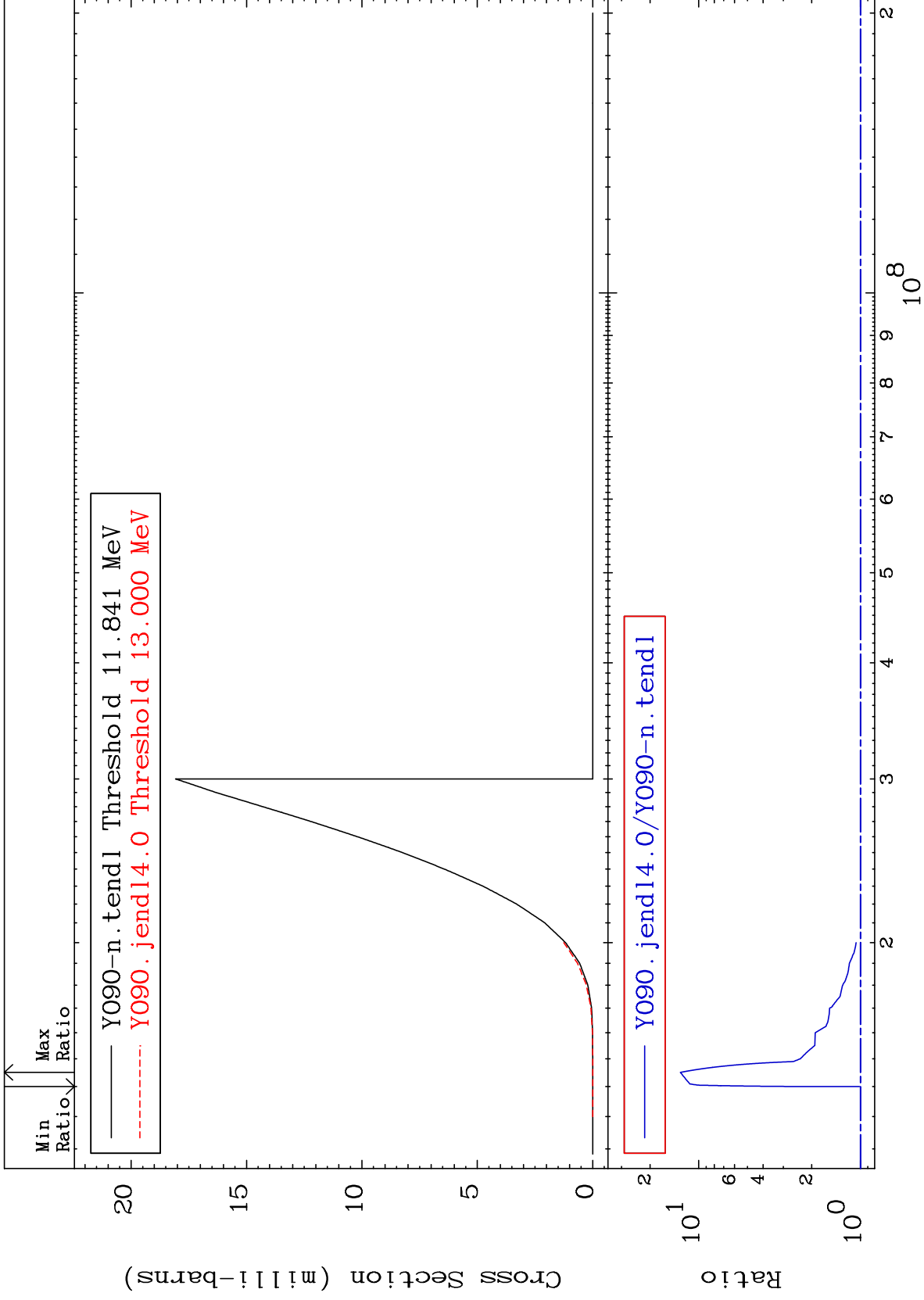
39-Y -90
-58.73 To 46.44 %



7

Incident Energy (eV)

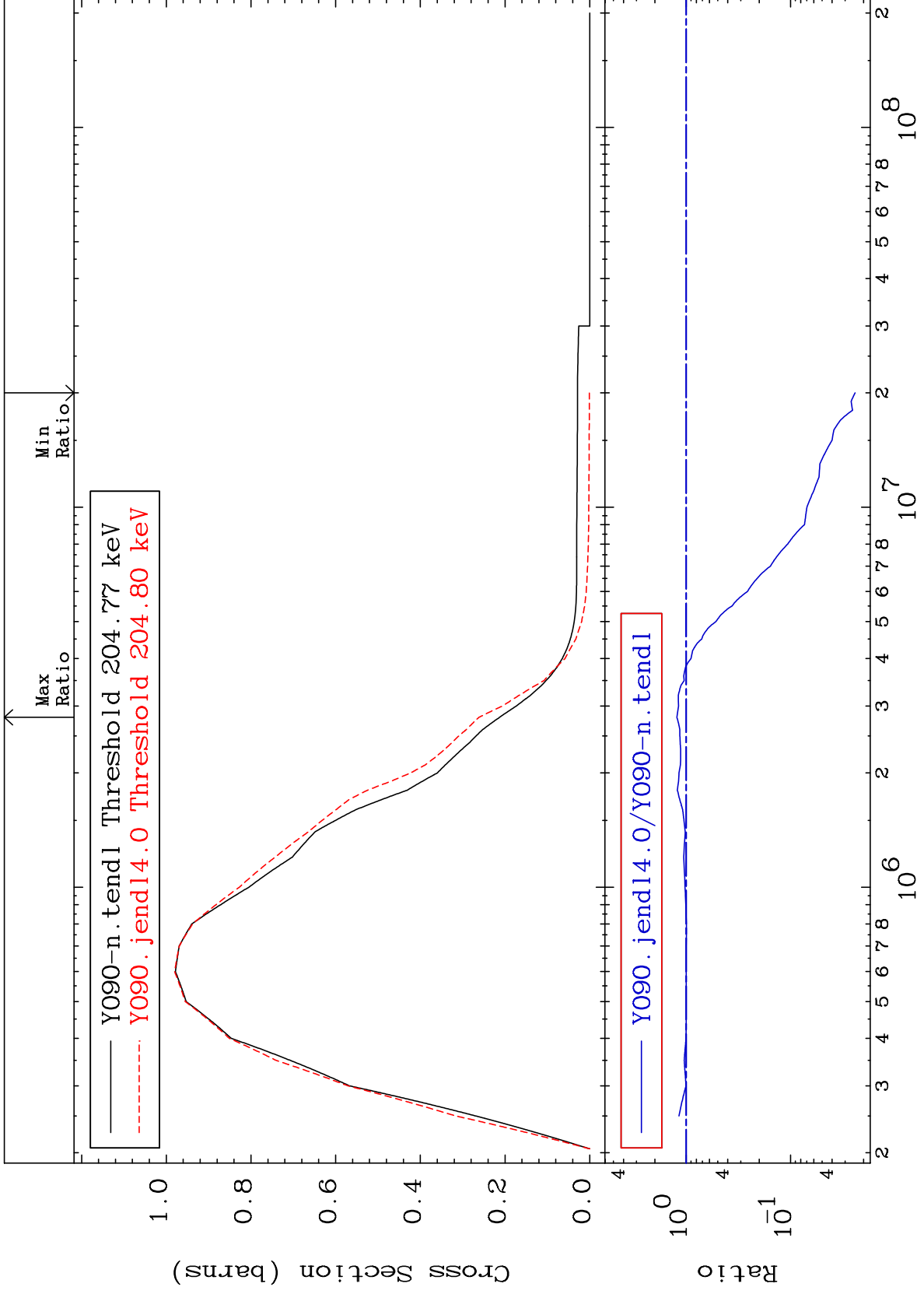
39-Y -90



MAT 3928

202.5 keV (n,n') Level
Cross Section

39-Y -90
-97.59 To 22.95 %

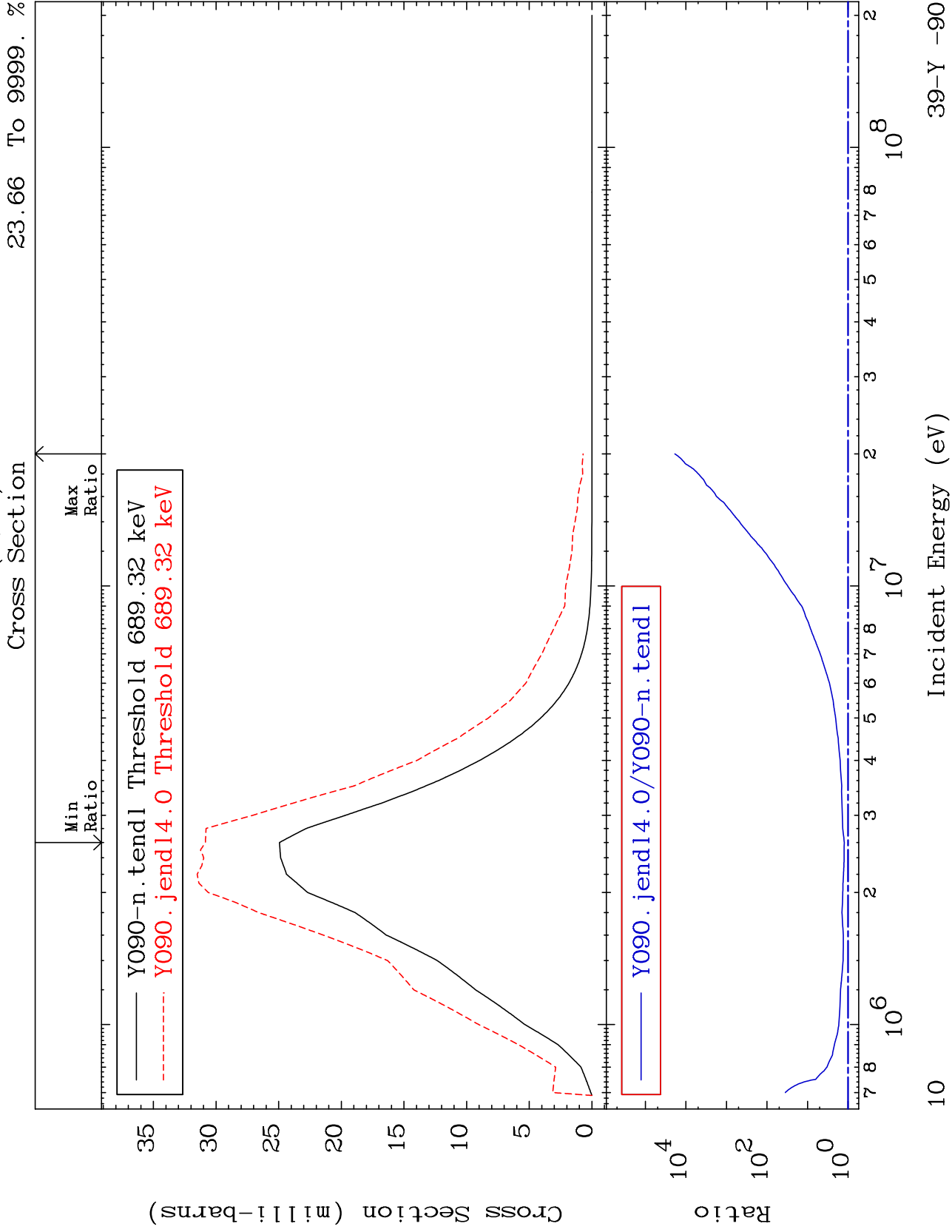


MAT 3928

681.7 keV (n,n') Level

39-Y -90

23.66 To 9999. %



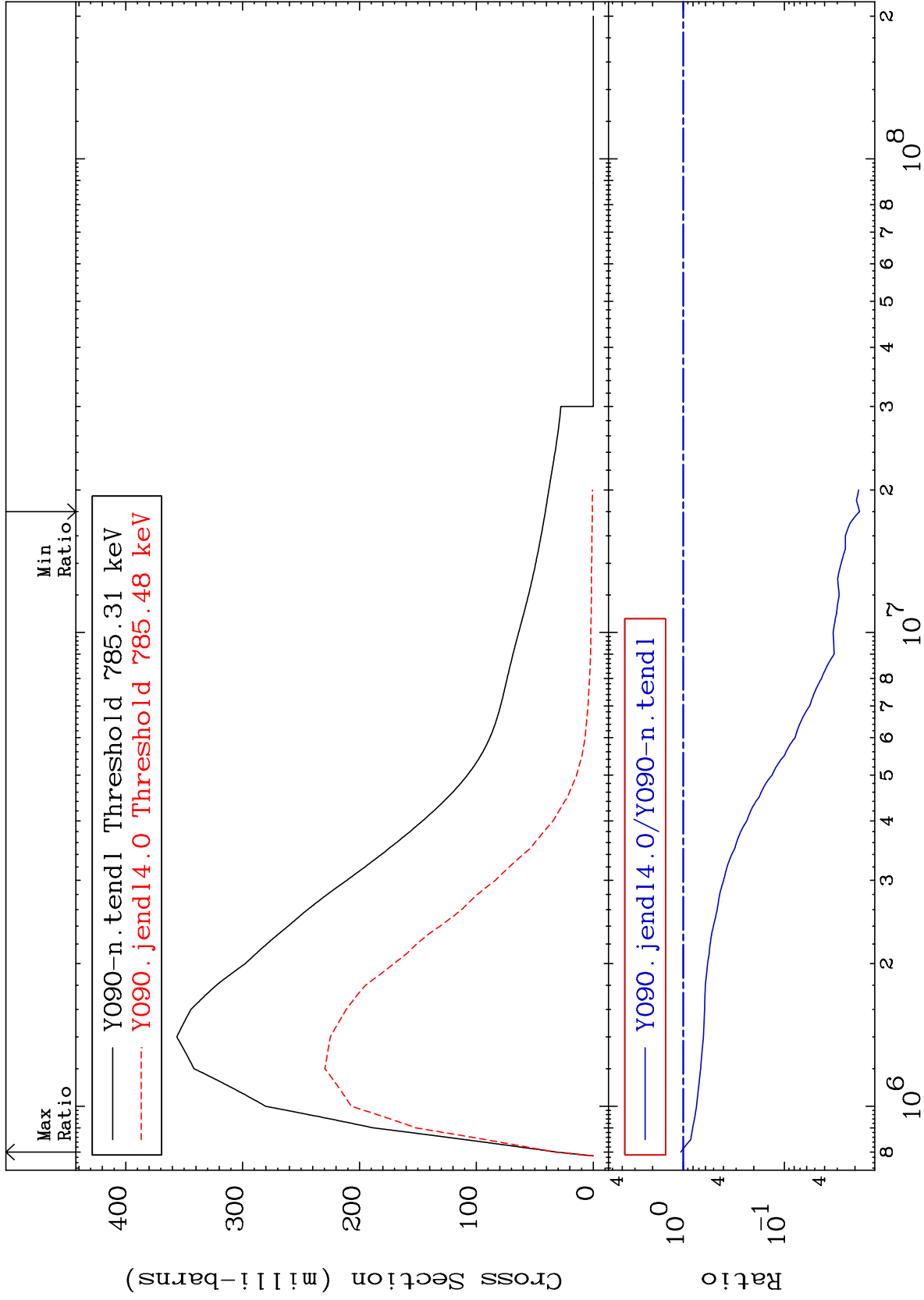
MAT 3928

776.6 keV (n,n') Level

39-Y -90

-98.20 To 5.579 %

Cross Section



11

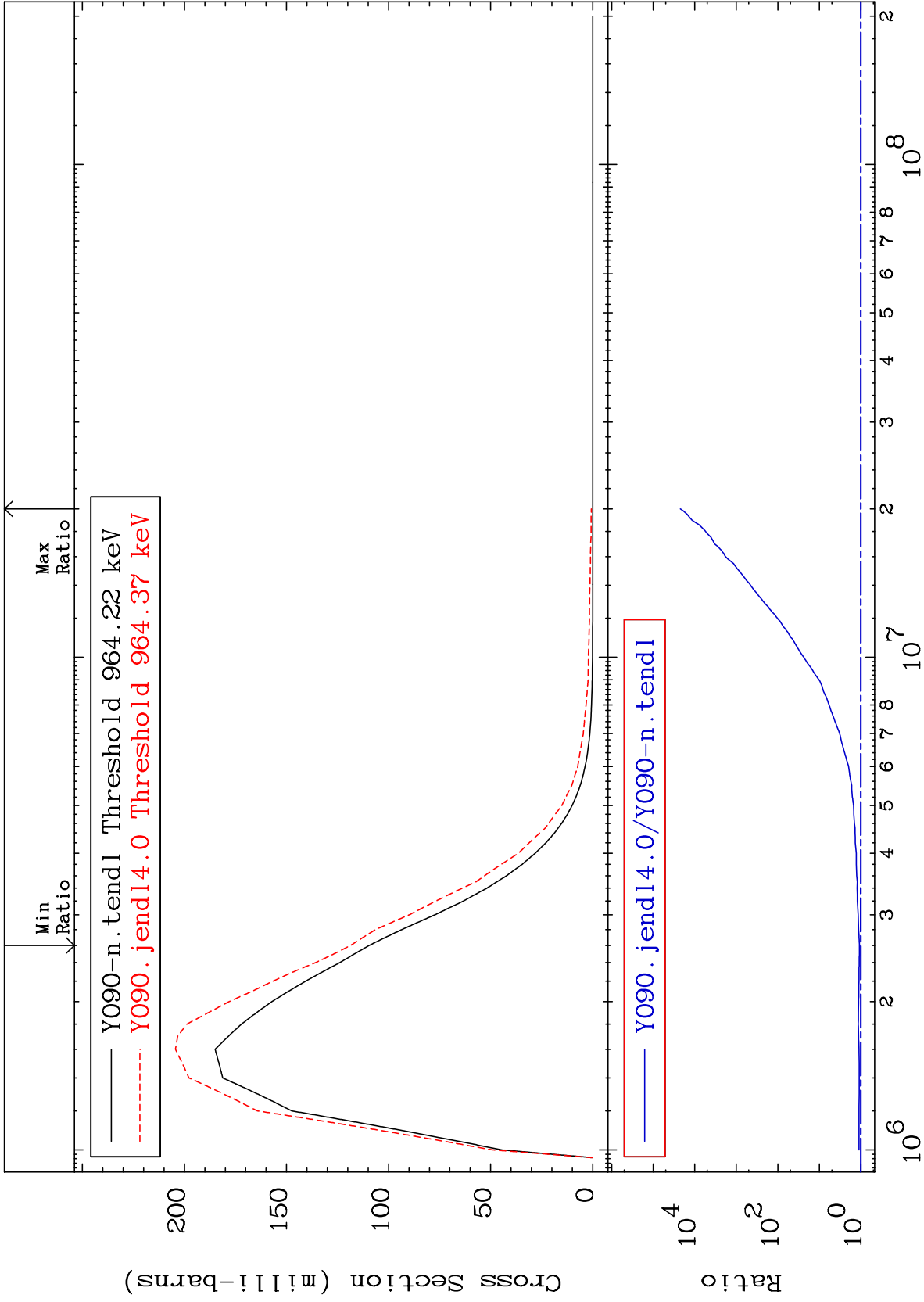
Incident Energy (eV)

39-Y -90

MAT 3928

953.5 keV (n,n') Level
Cross Section

8.265 To 9999. %
39-Y -90



12

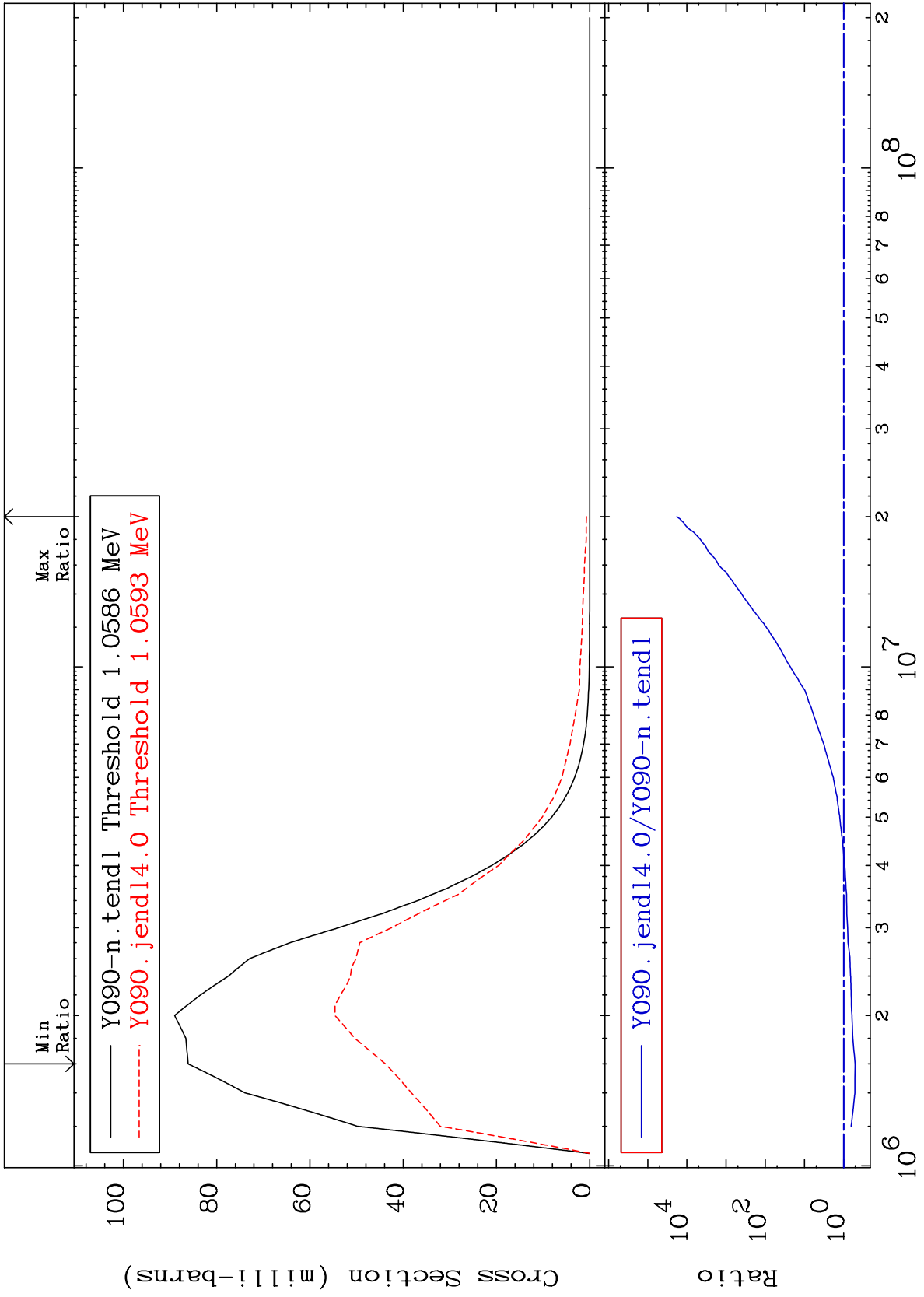
Incident Energy (eV)

39-Y -90

MAT 3928

1.047 MeV (n,n') Level
Cross Section

39-Y -90
-49.14 To 9999. %

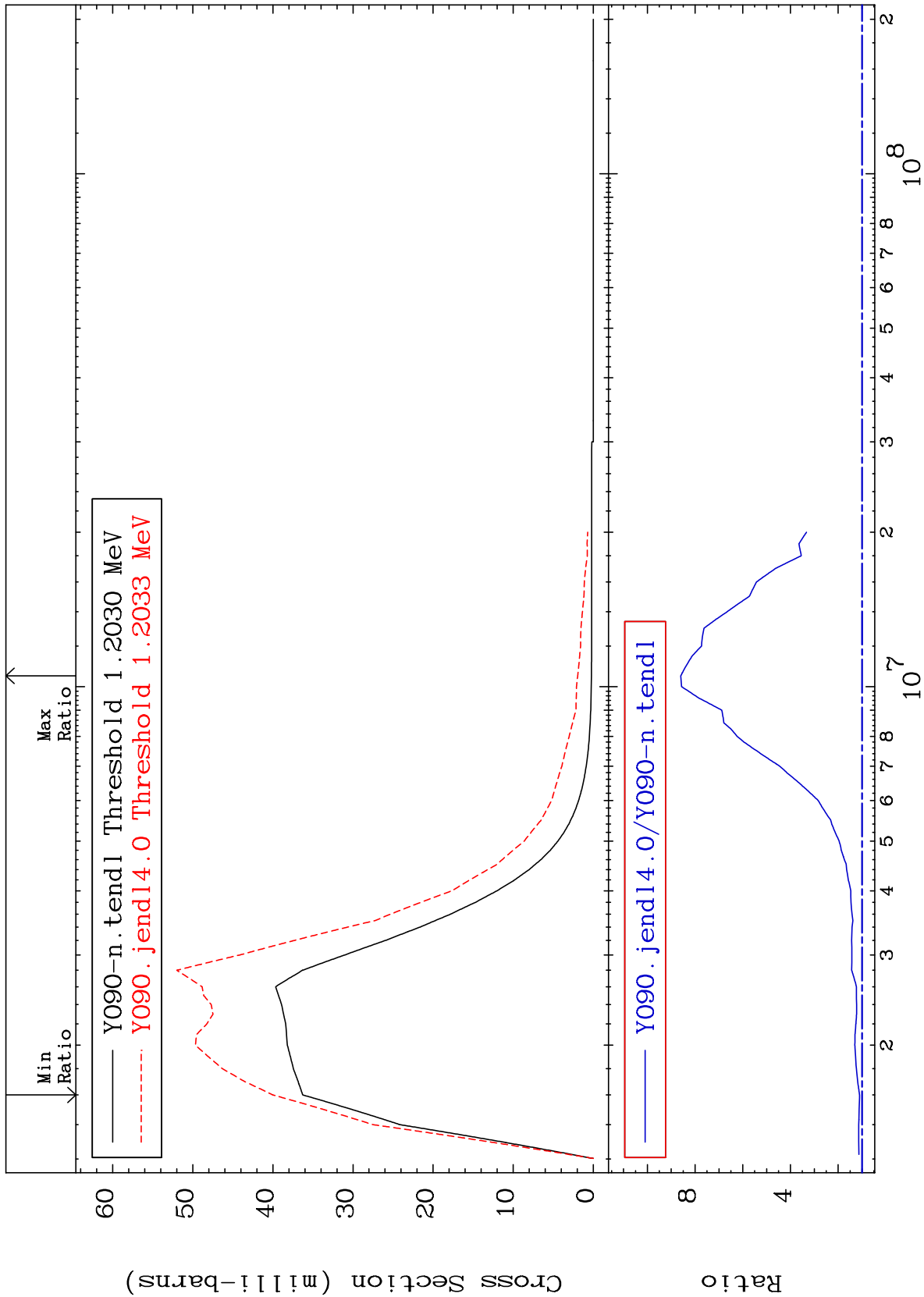


13

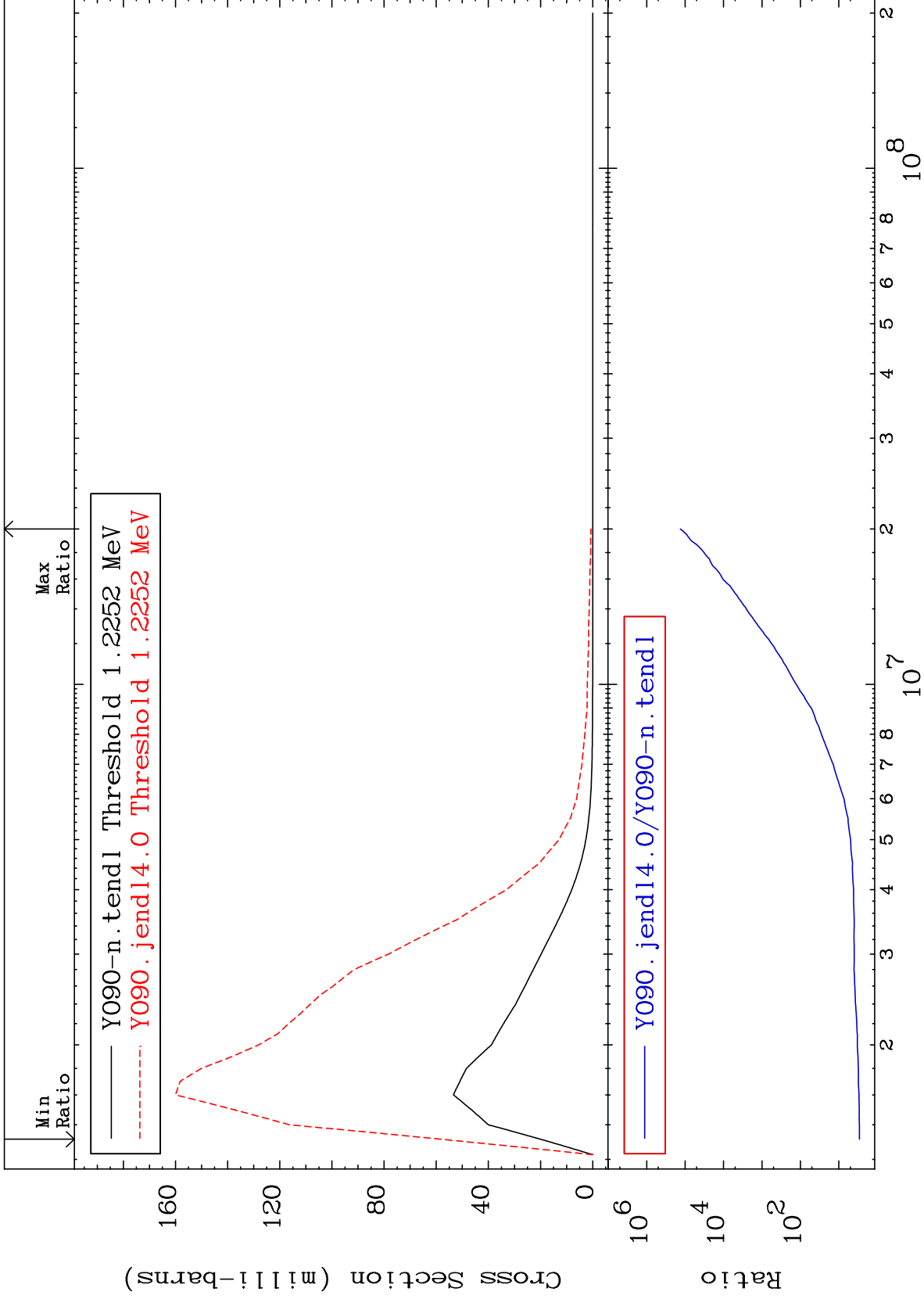
Incident Energy (eV)

39-Y -90

MAT 3928 1.190 MeV (n,n') Level Cross Section 39-Y -90 To 760.1 %



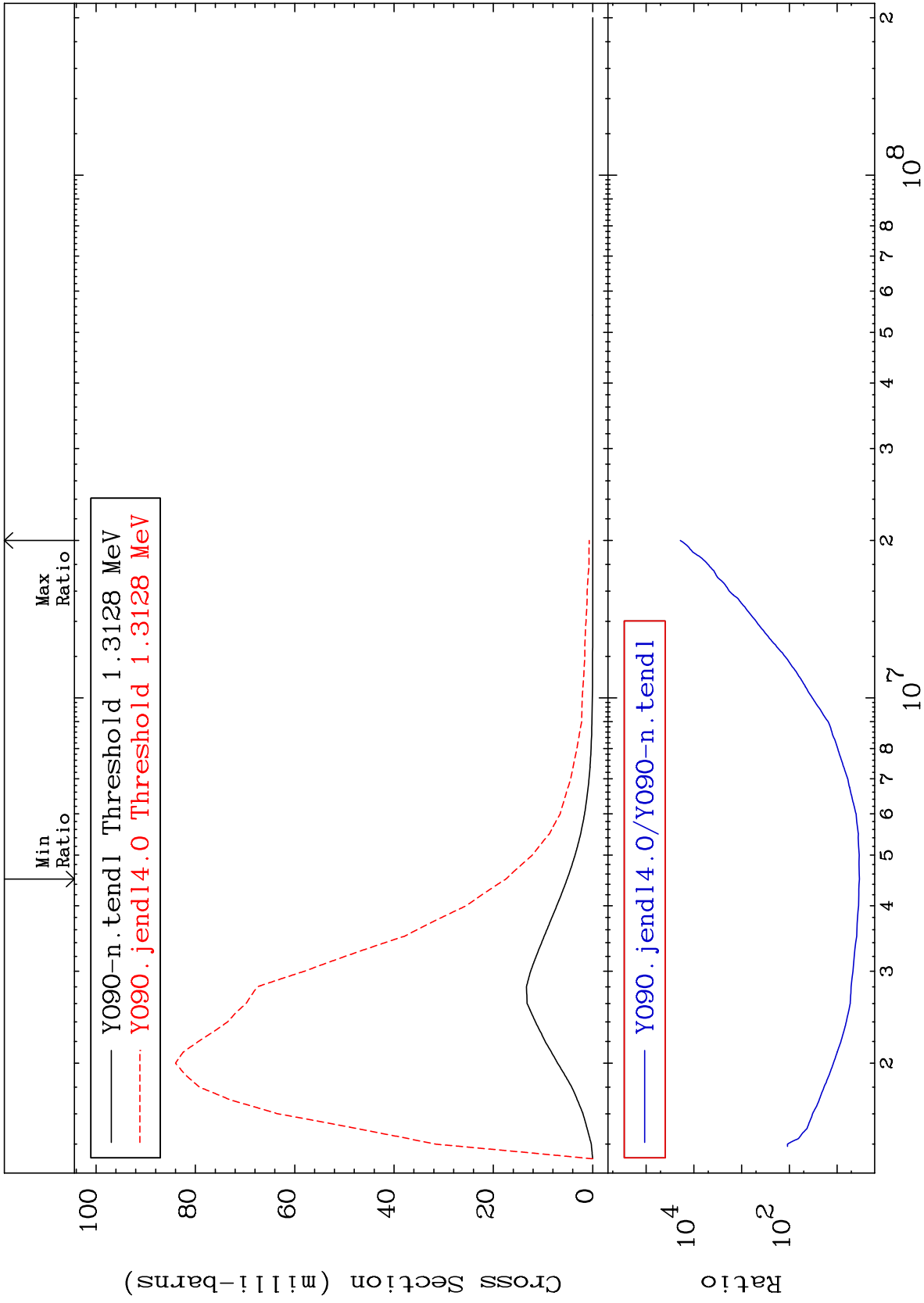
14 Incident Energy (eV) 39-Y -90



MAT 3928

1.298 MeV (n,n') Level
Cross Section

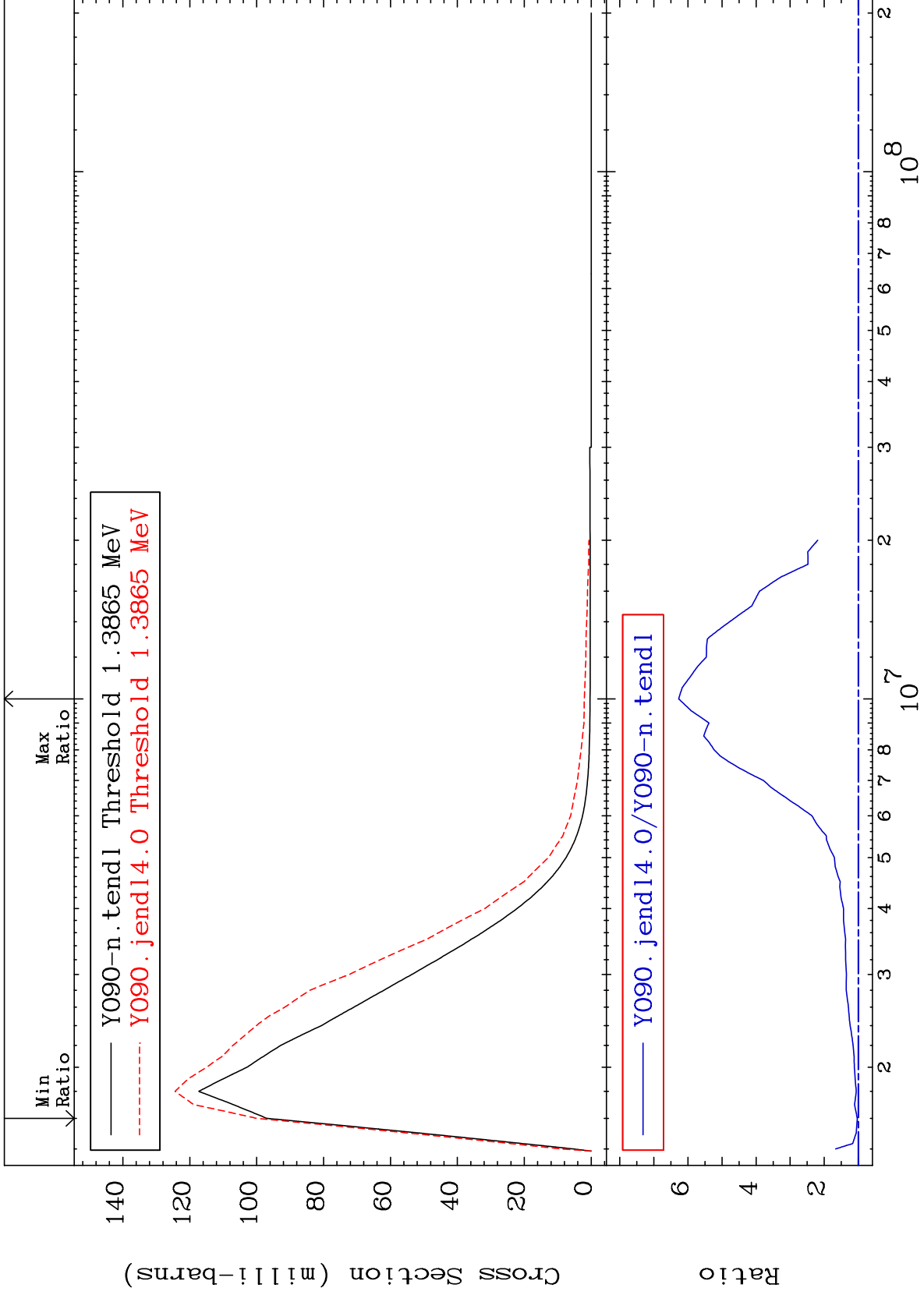
239.2 To 9999. %
39-Y -90



MAT 3928

1.371 MeV (n,n') Level
Cross Section

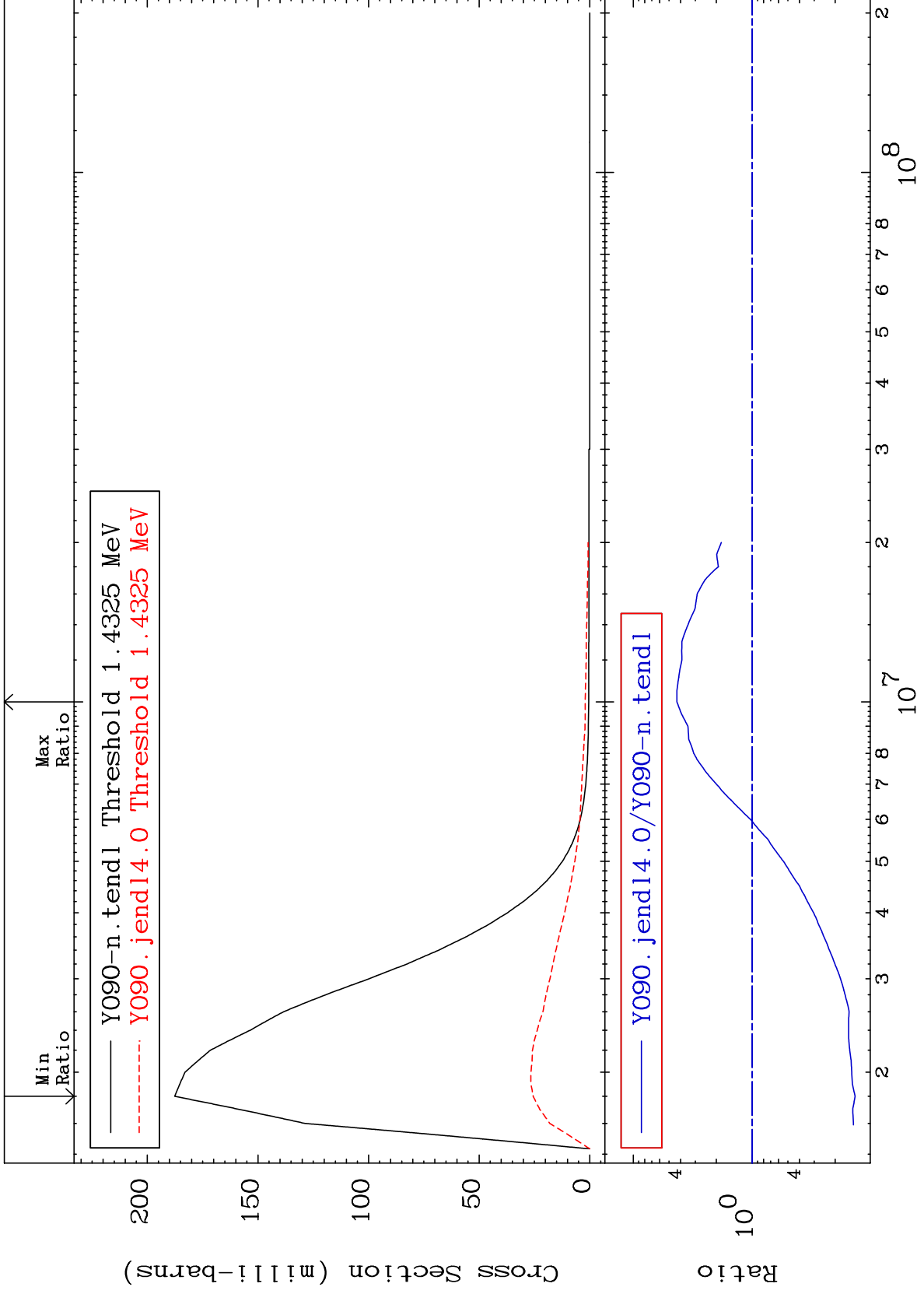
3.150 To 527.3 %
39-Y -90



MAT 3928

1.417 MeV (n,n') Level
Cross Section

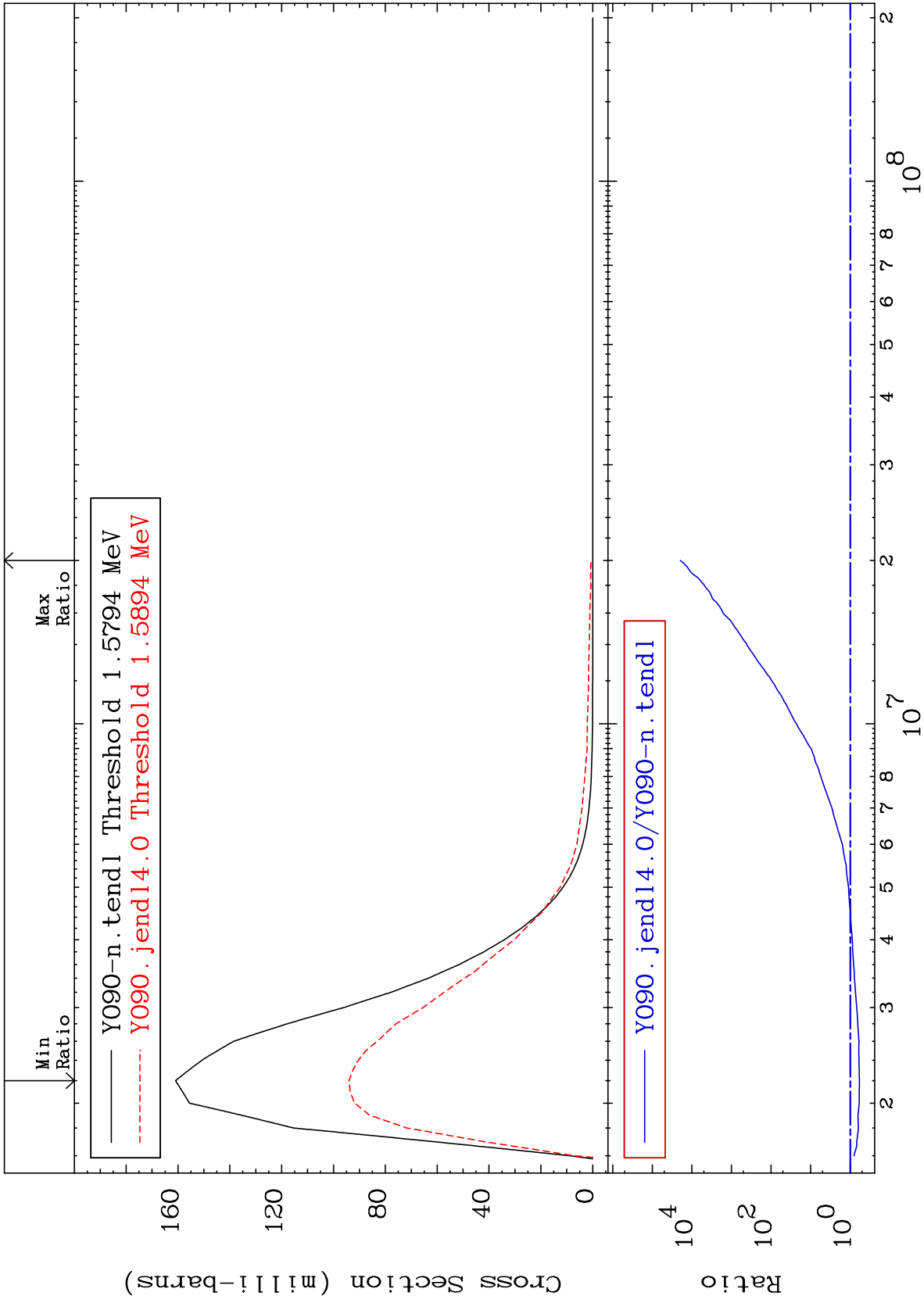
39-Y -90
-86.39 To 329.3 %



18

Incident Energy (eV)

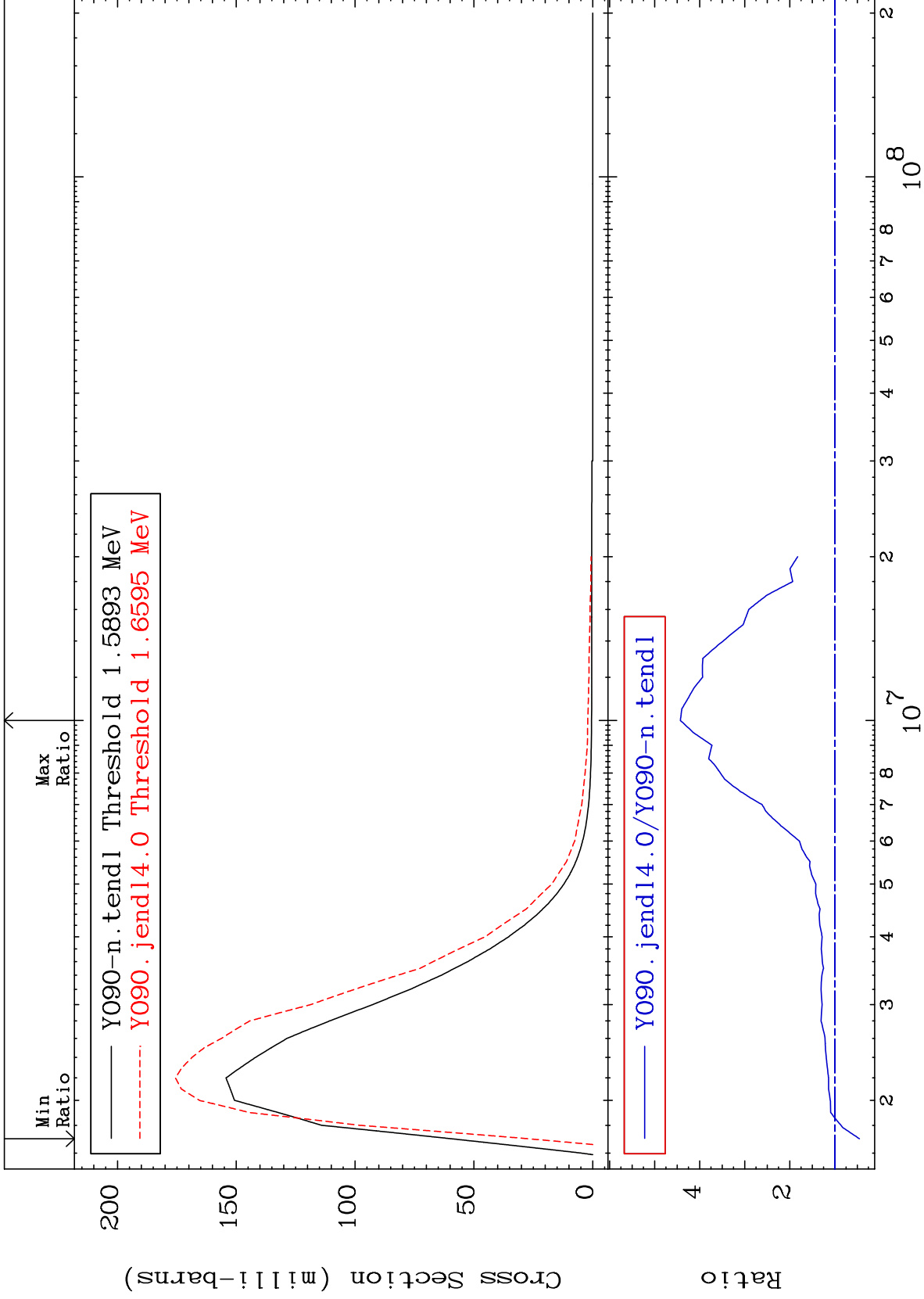
39-Y -90



MAT 3928

1.572 MeV (n,n') Level
Cross Section

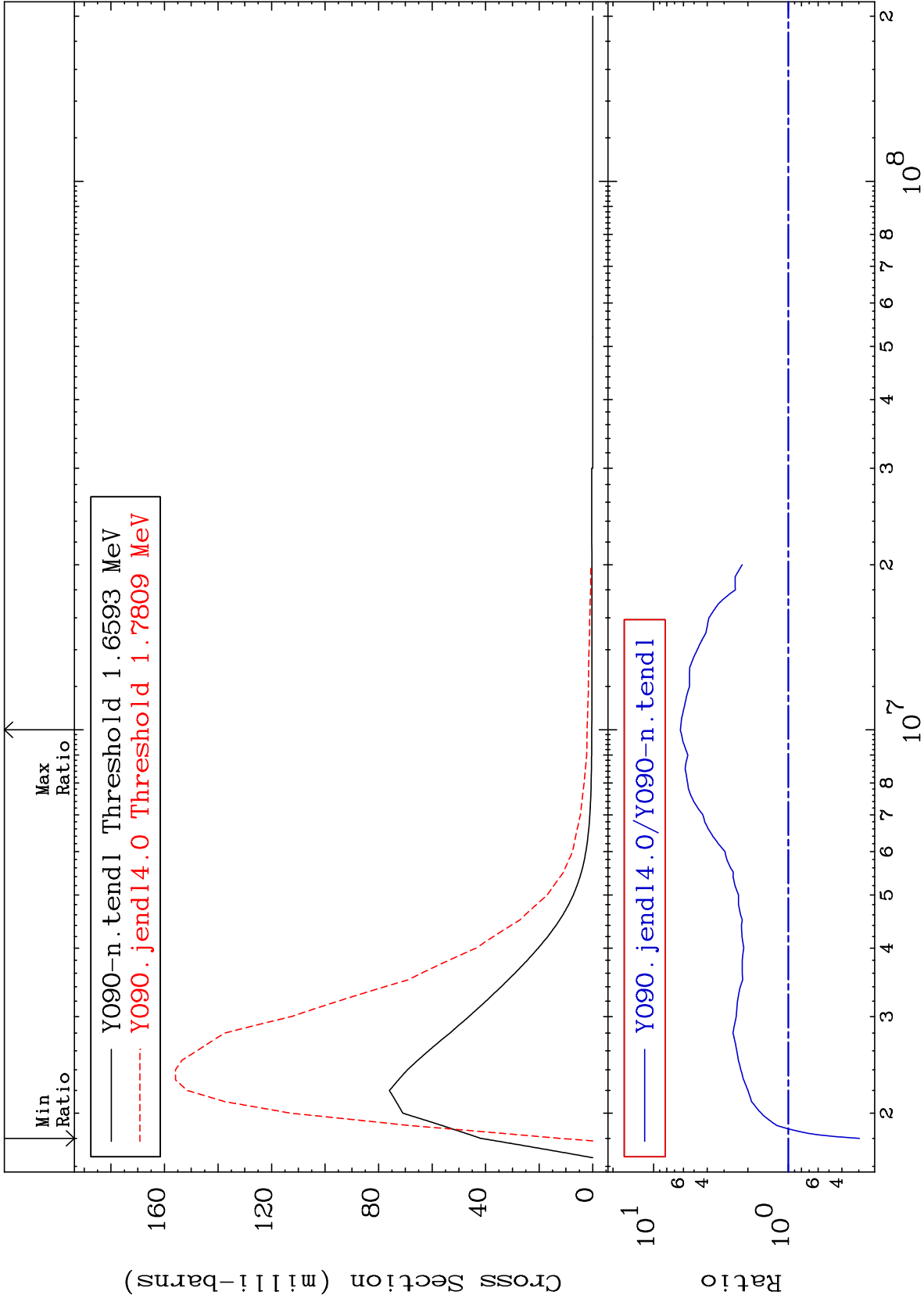
39-Y -90
-54.86 To 343.1 %

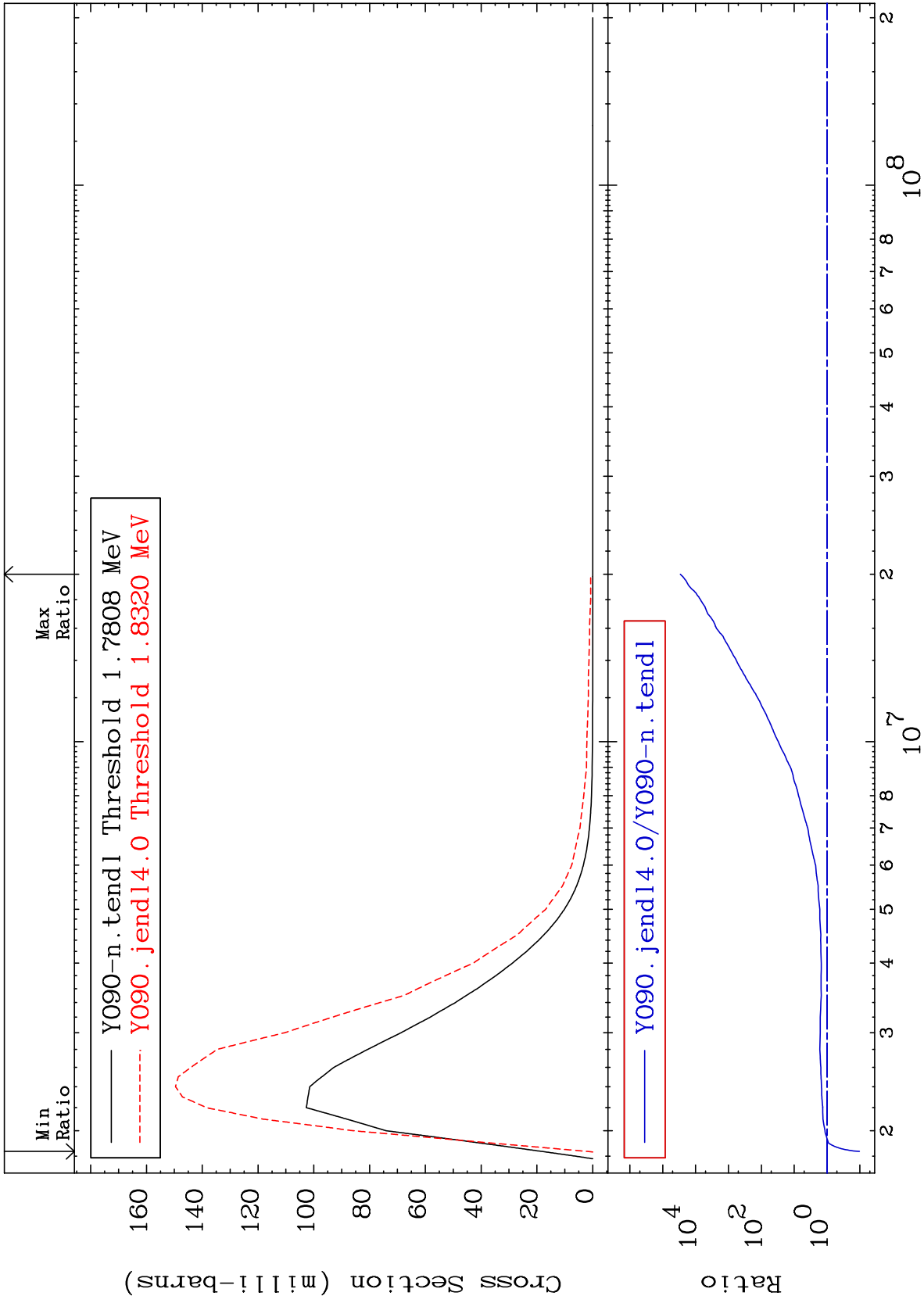


20

Incident Energy (eV)

39-Y -90

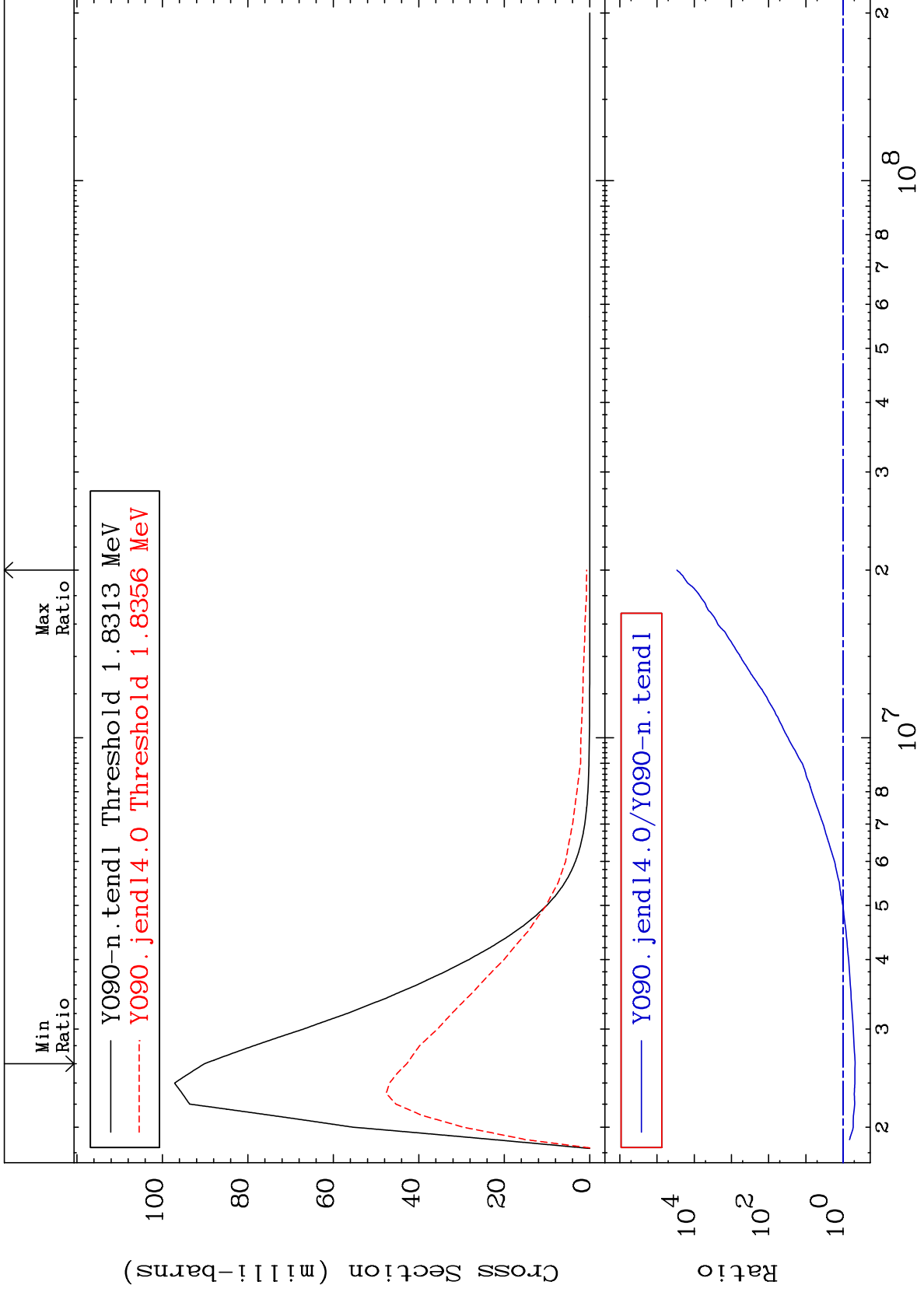


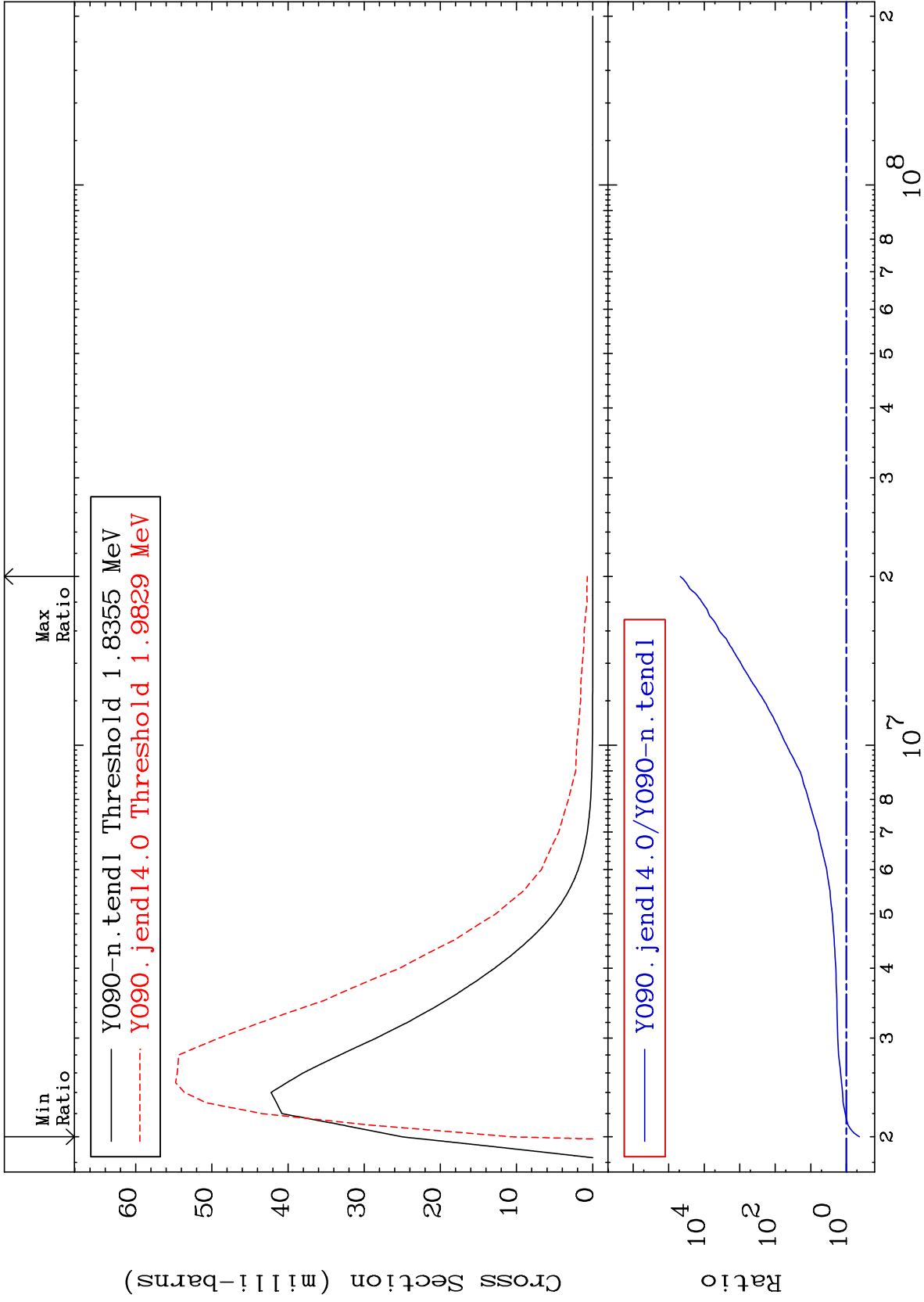


MAT 3928

1.811 MeV (n,n') Level
Cross Section

39-Y -90
-52.54 To 9999. %

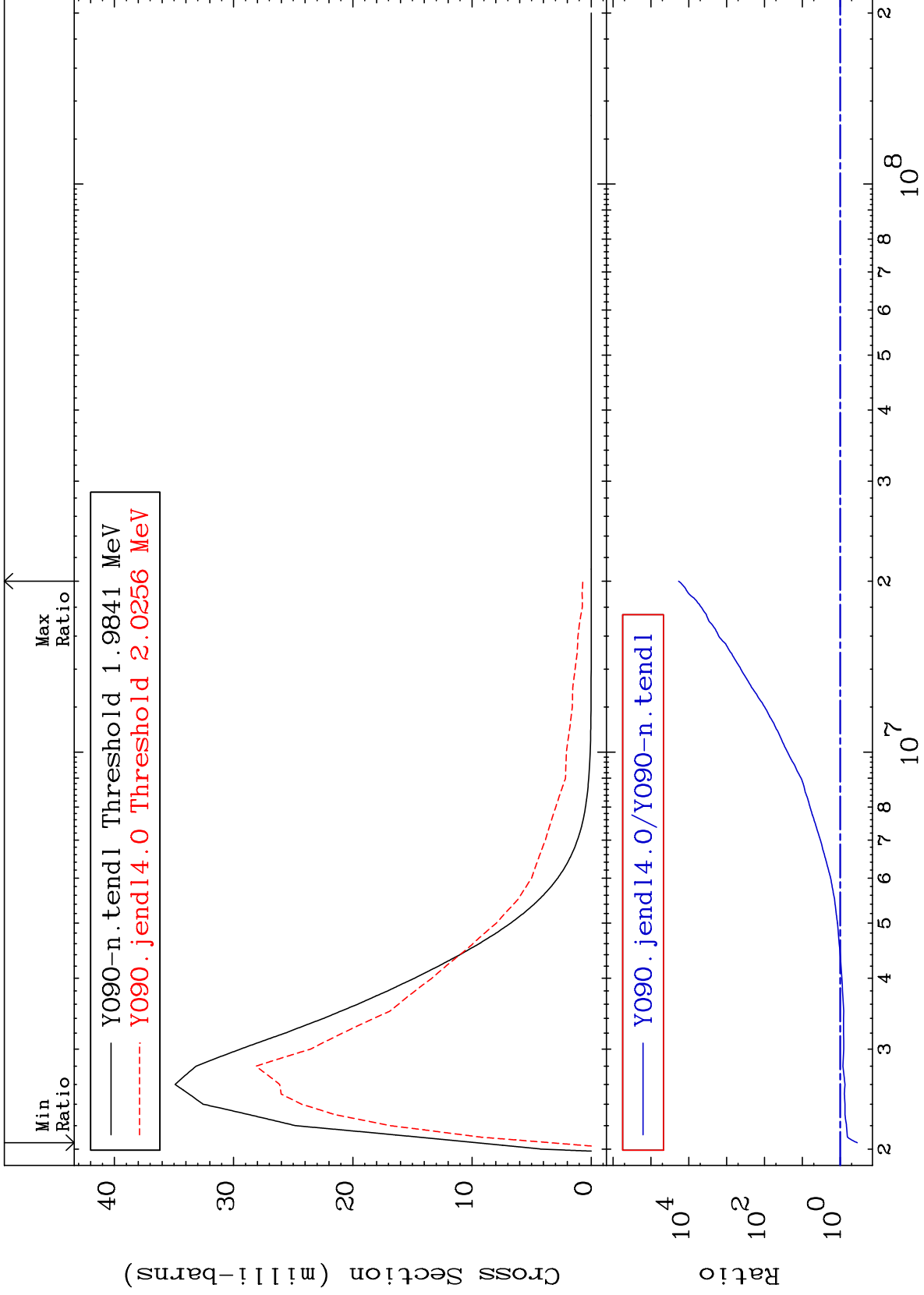




MAT 3928

1.962 MeV (n,n') Level
Cross Section

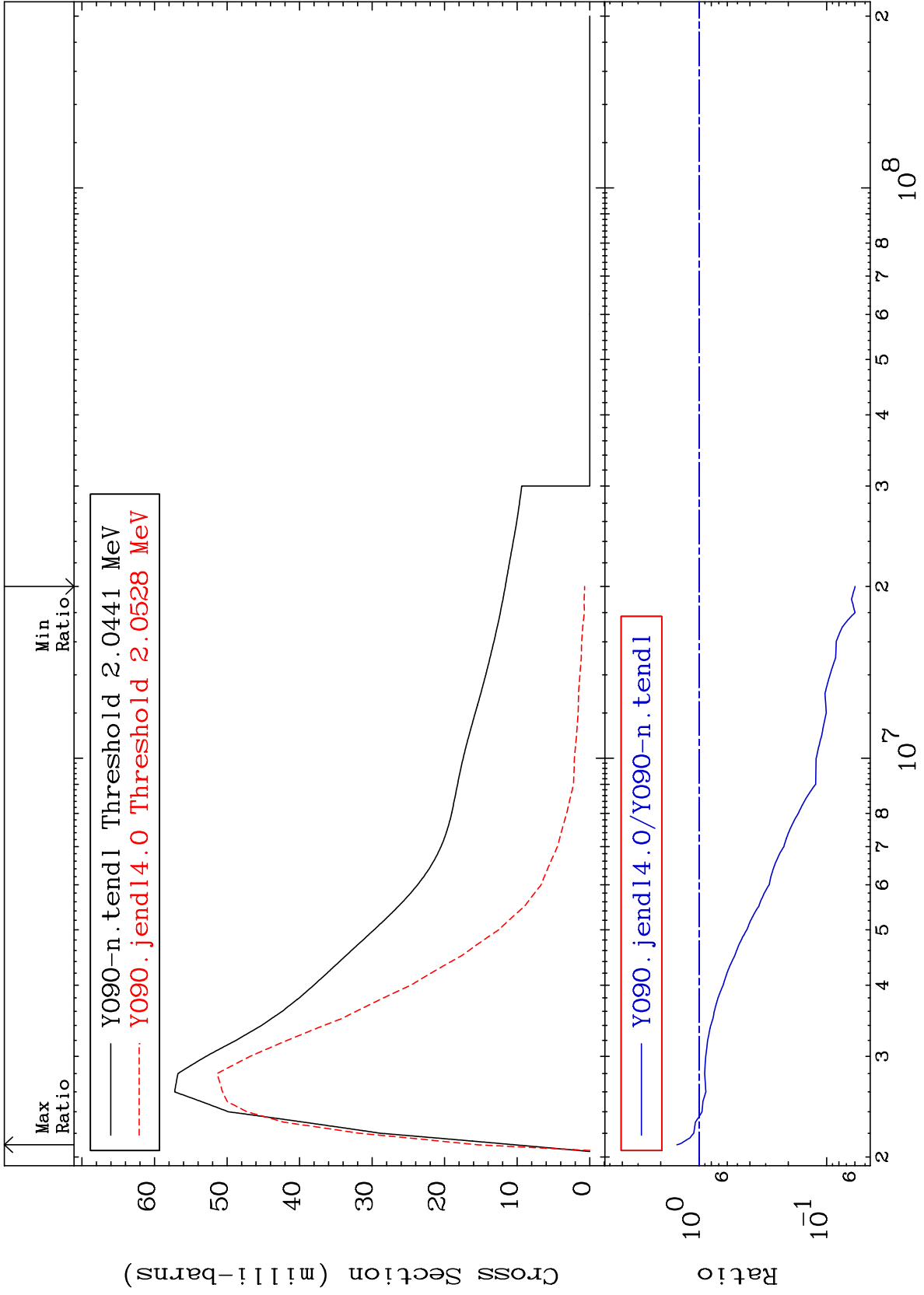
39-Y -90
-64.66 To 9999. %



MAT 3928

2.021 MeV (n,n') Level
Cross Section

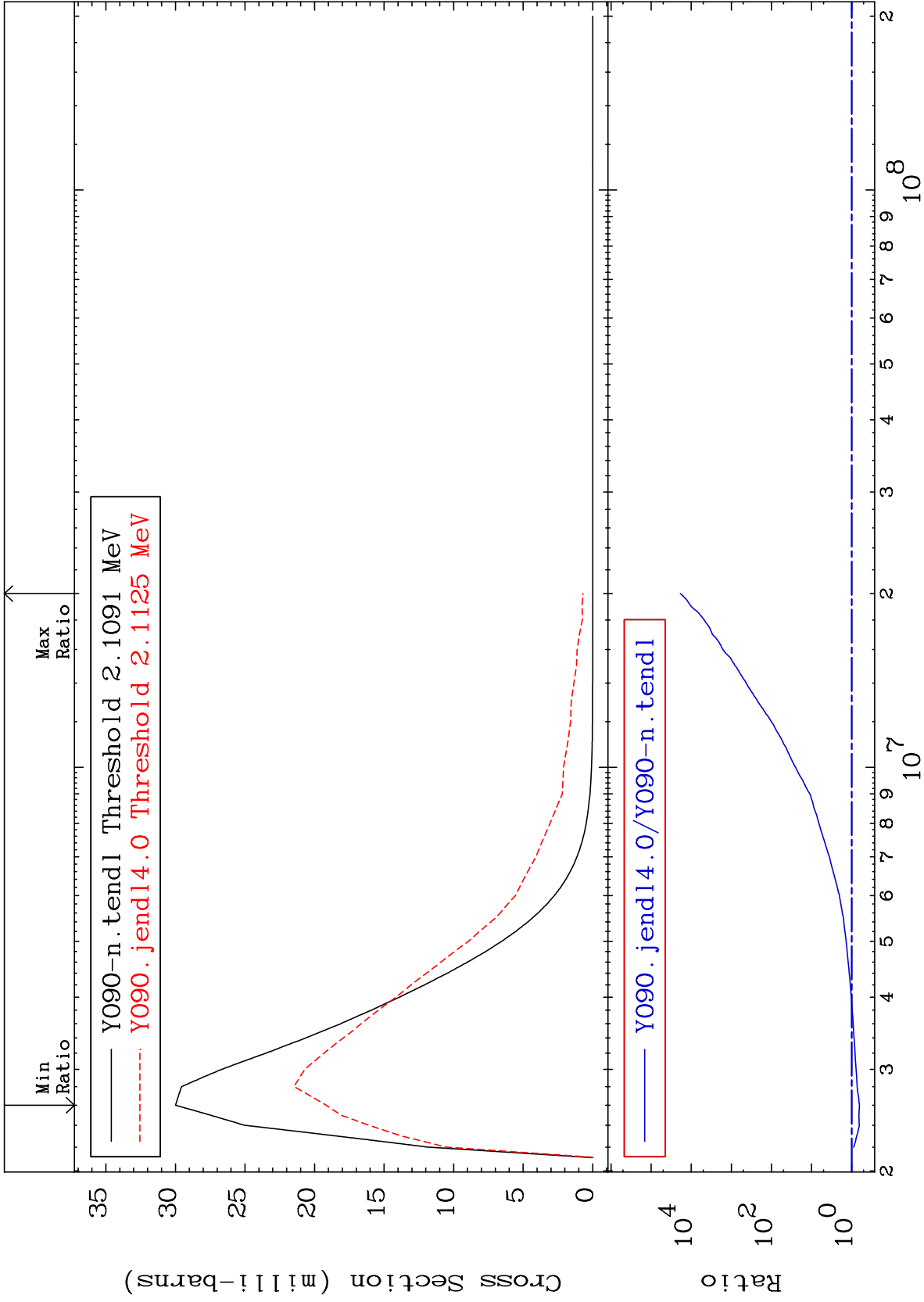
39-Y -90
-94.02 To 49.08 %

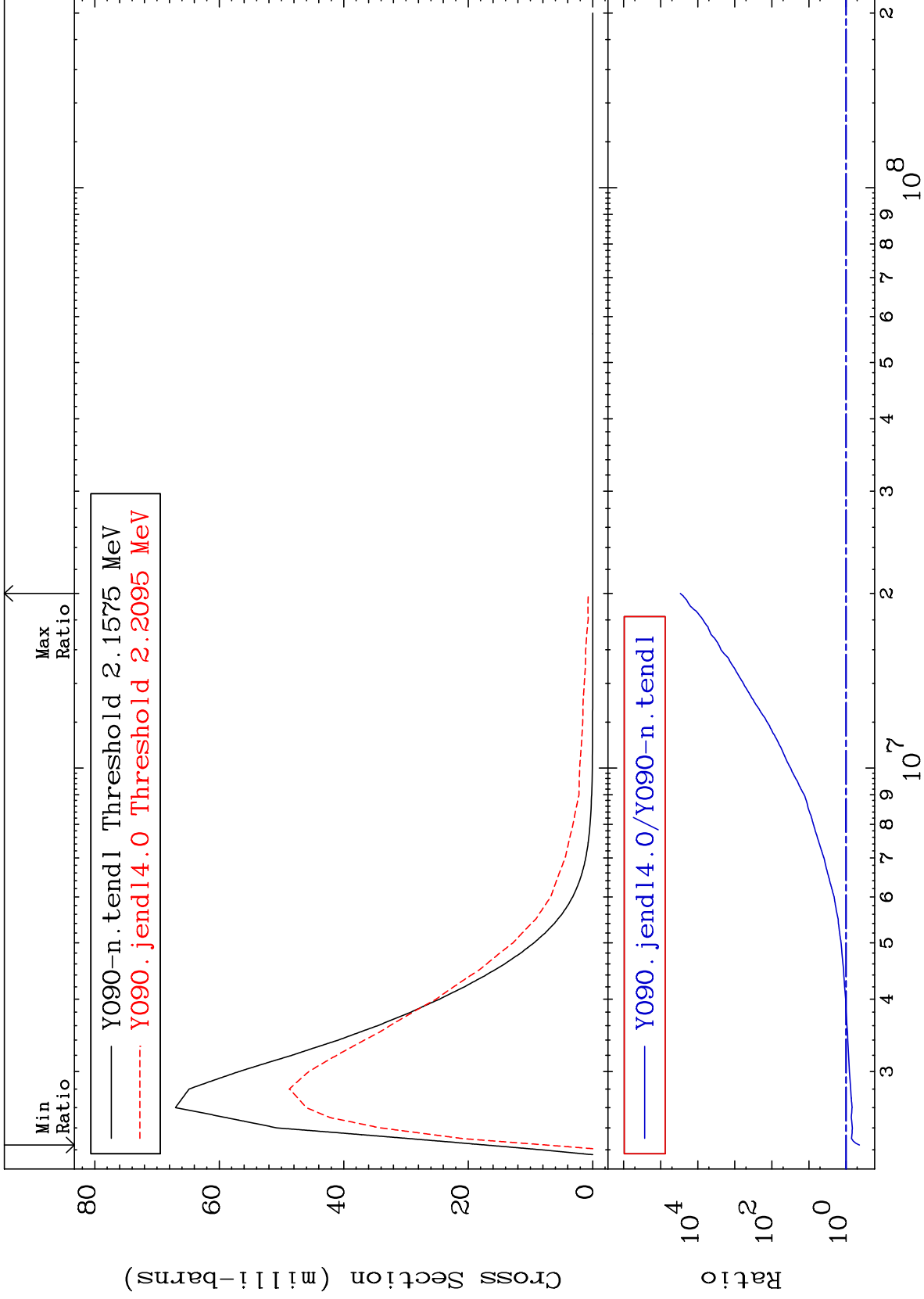


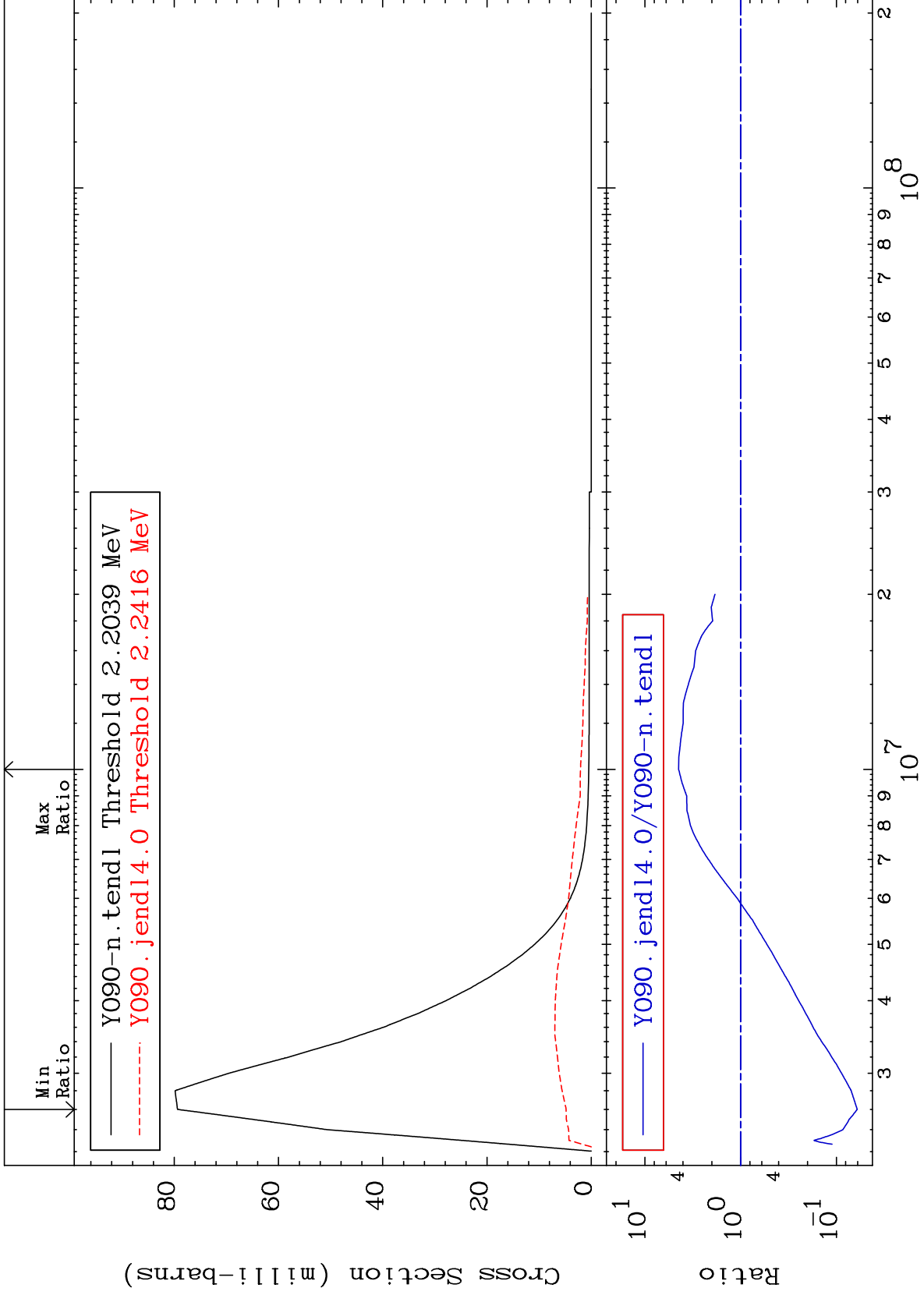
MAT 3928

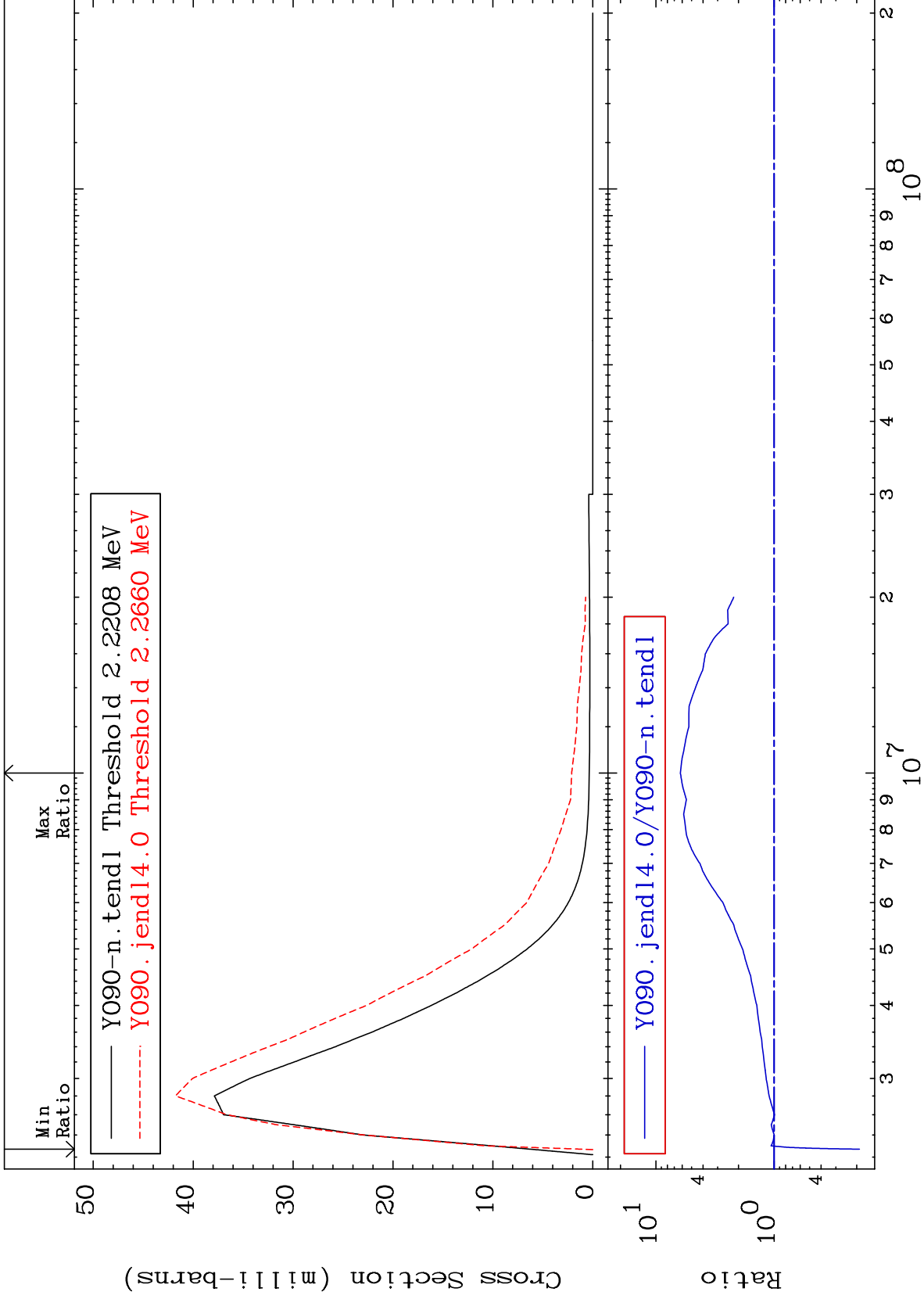
2.086 MeV (n,n') Level
Cross Section

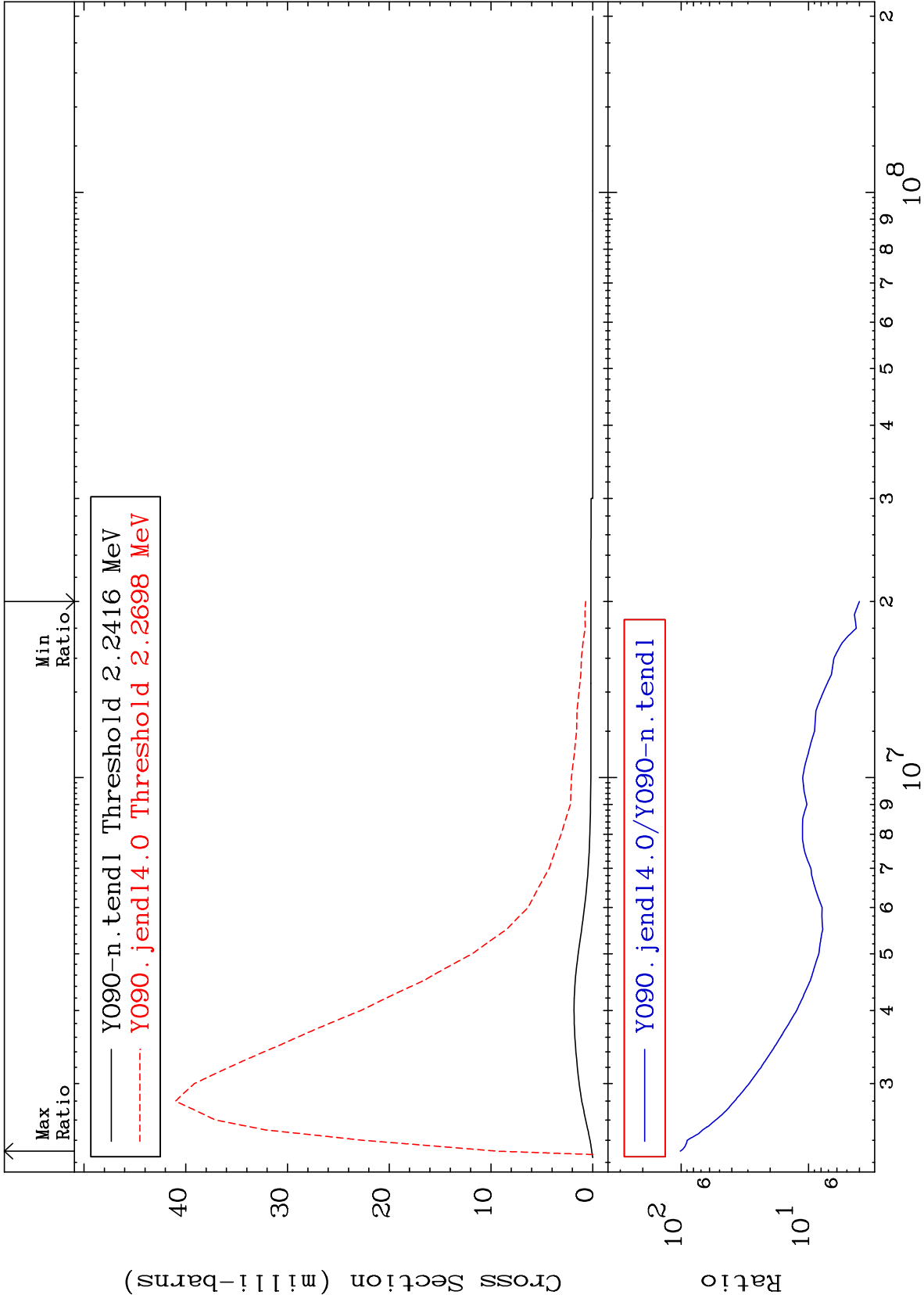
39-Y -90
-36.13 To 9999. %







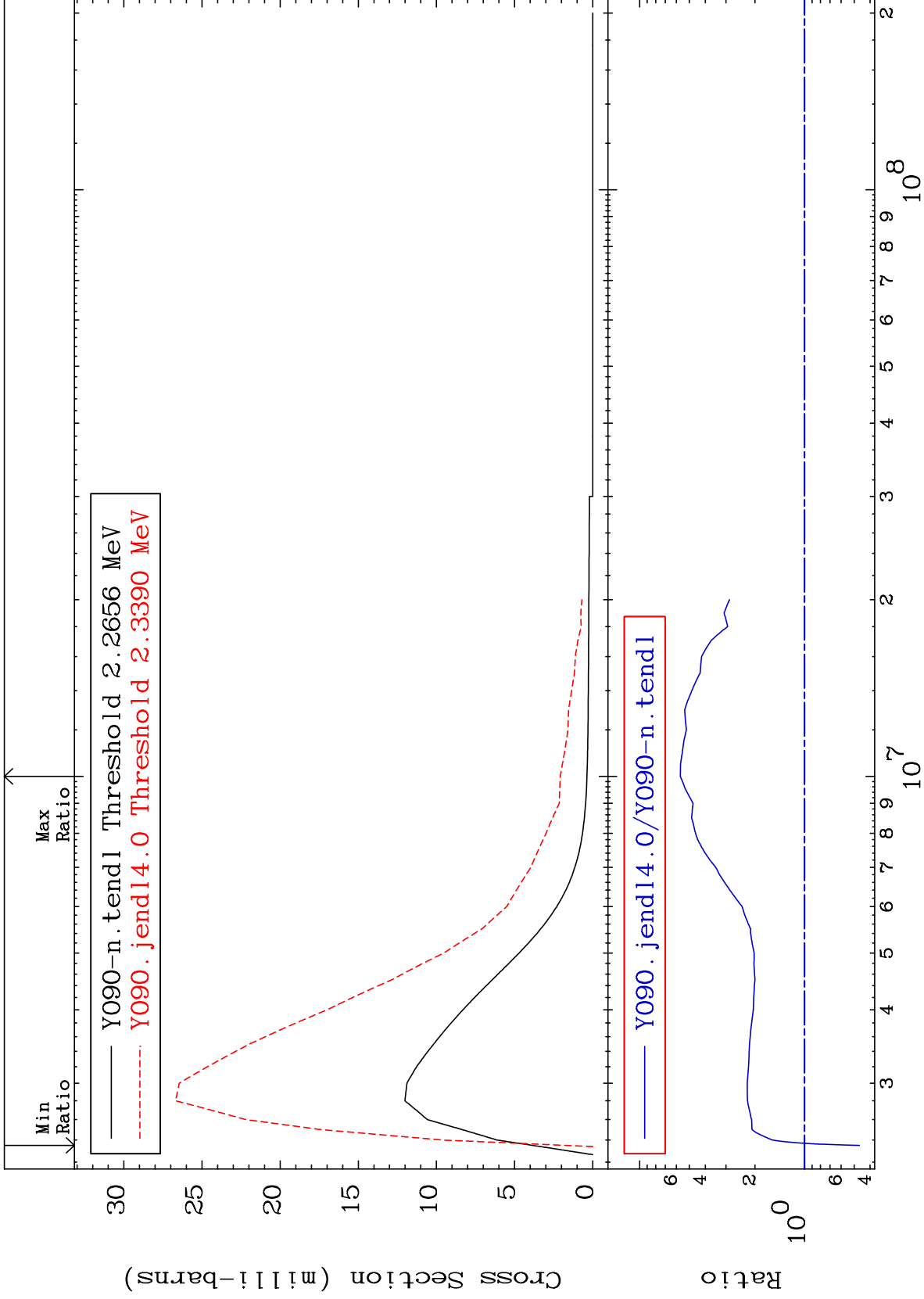




MAT 3928

2.241 MeV (n,n') Level
Cross Section

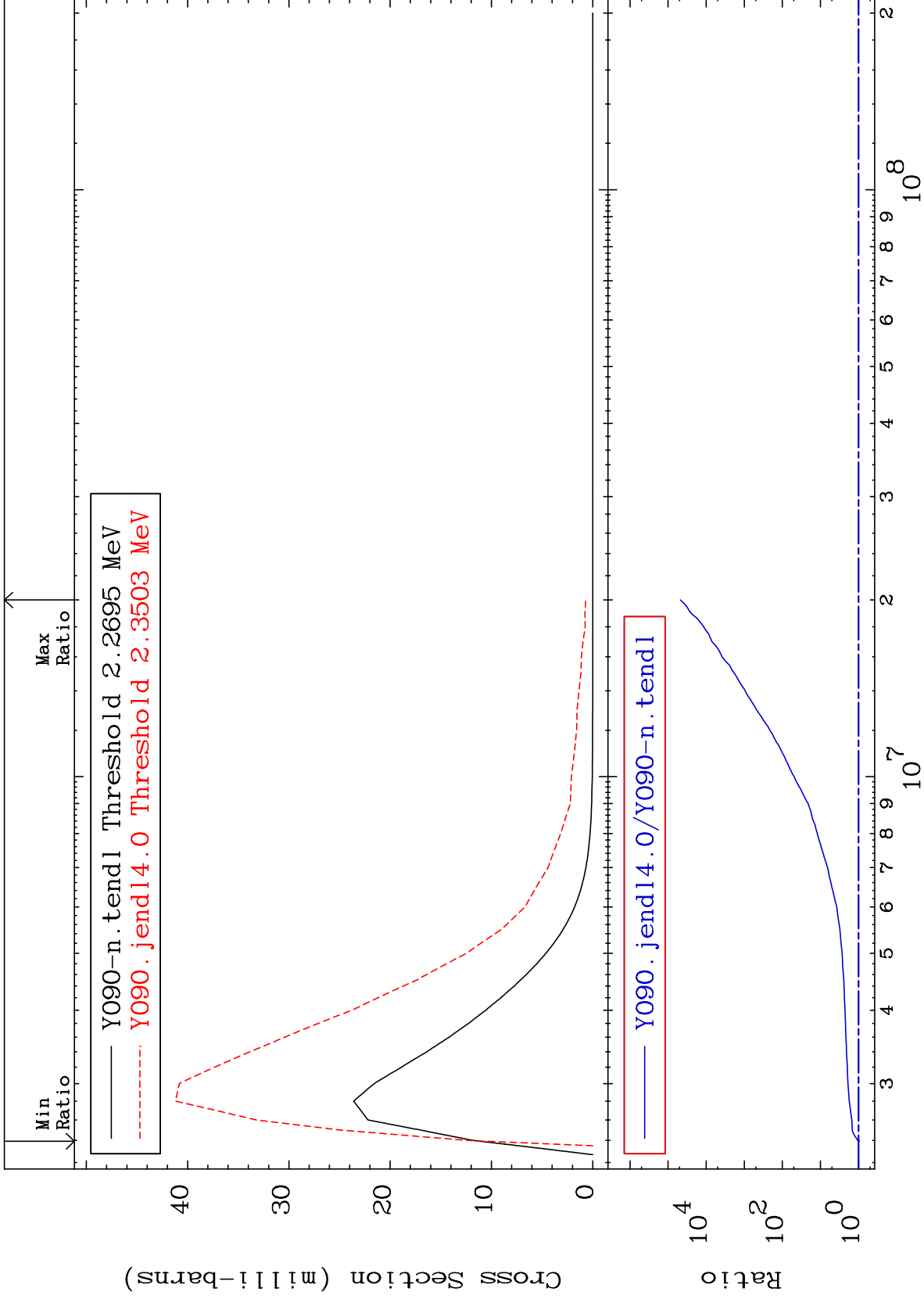
39-Y -90
-53.55 To 466.6 %

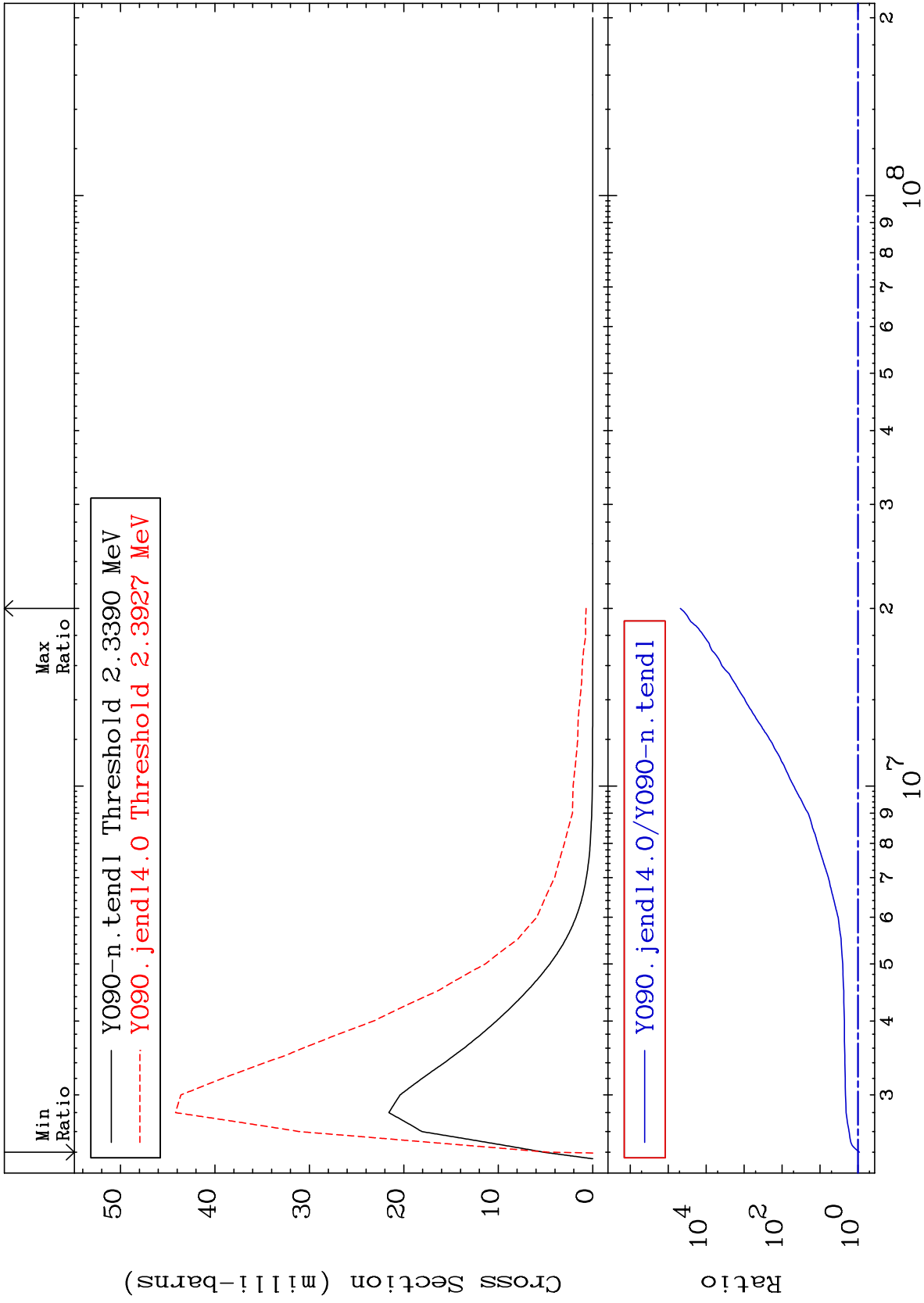


32

Incident Energy (eV)

39-Y -90

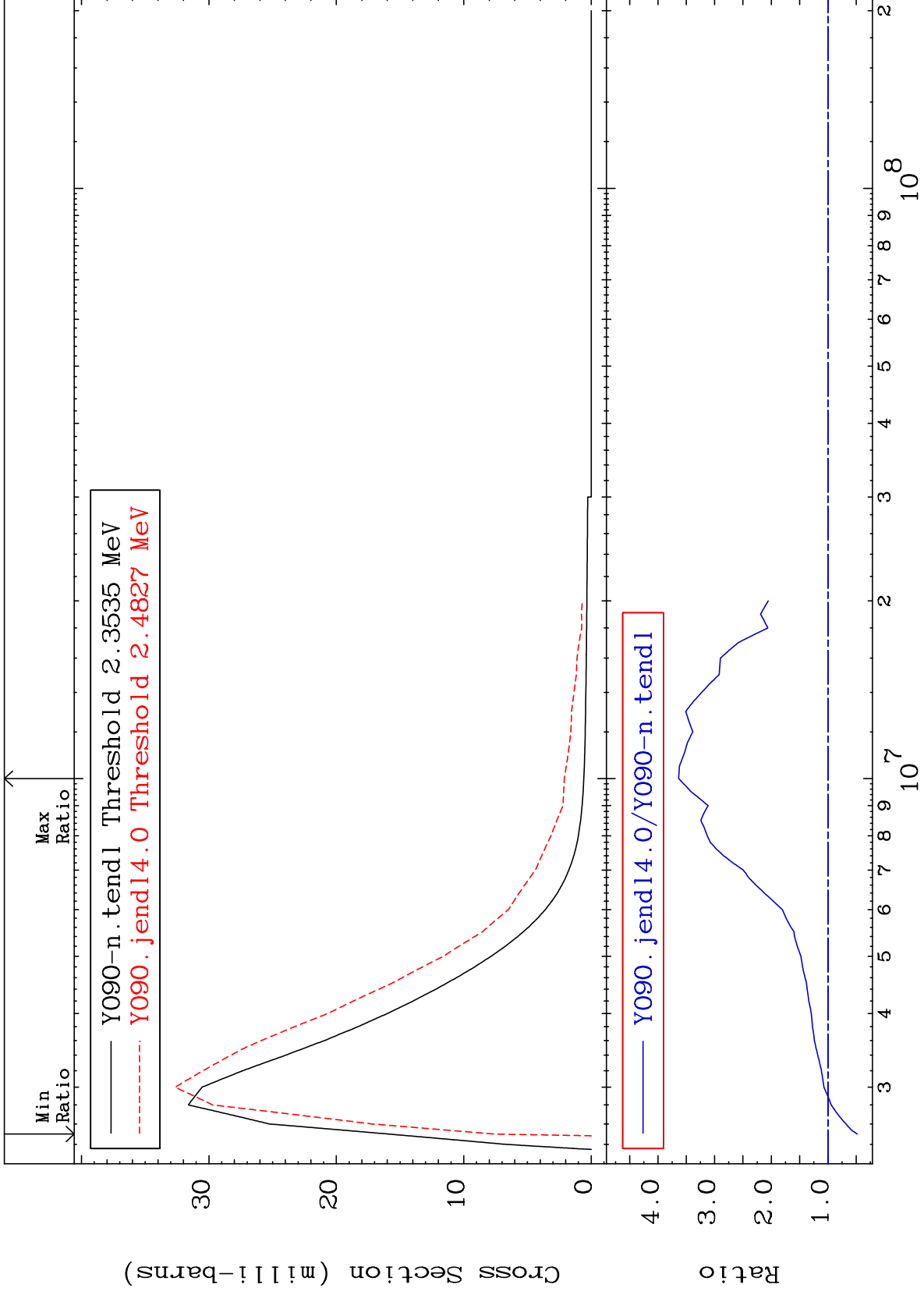




MAT 3928

2.327 MeV (n,n') Level
Cross Section

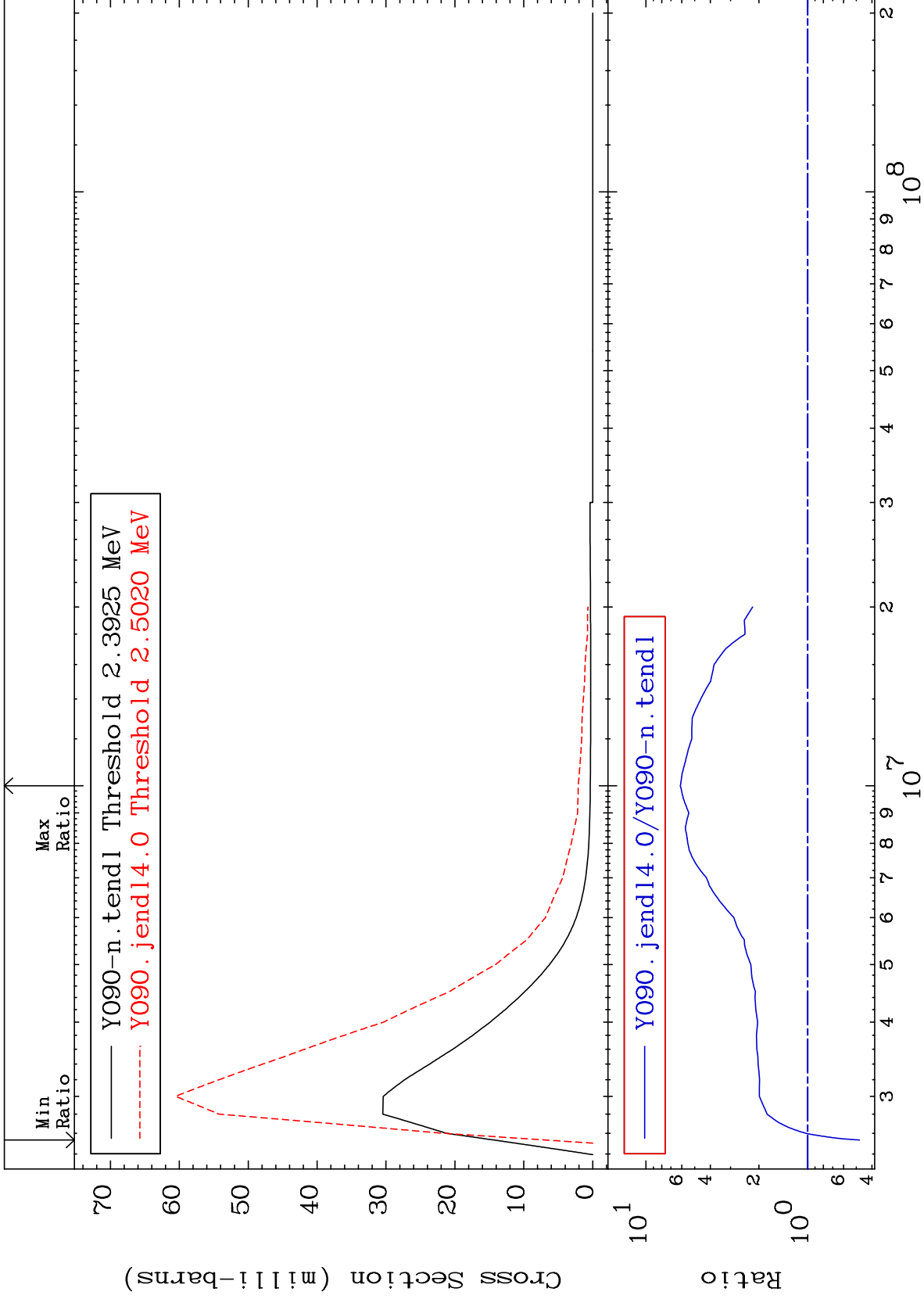
39-Y -90
-51.94 To 263.6 %



35

Incident Energy (eV)

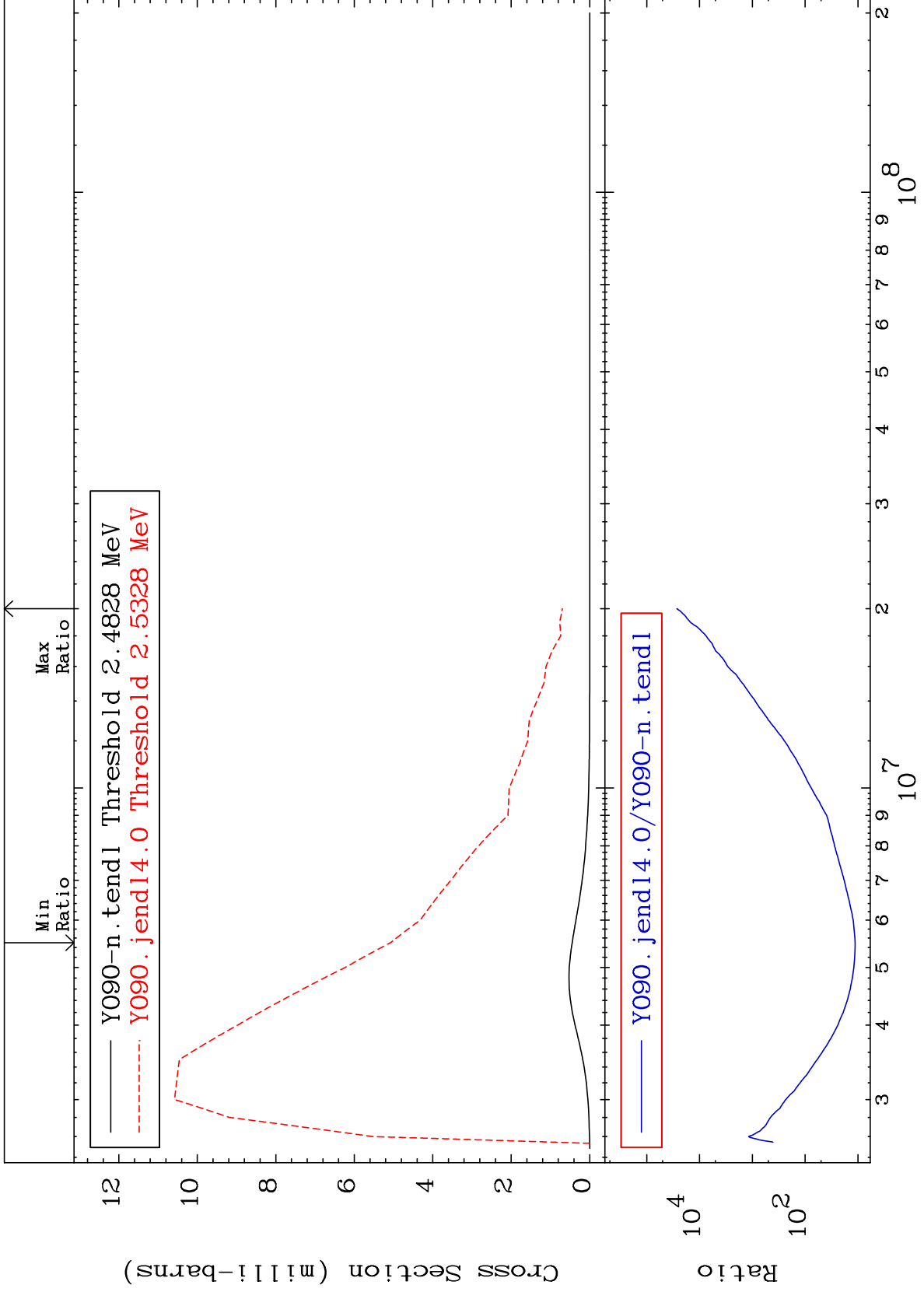
39-Y -90



MAT 3928

2.455 MeV (n,n') Level
Cross Section

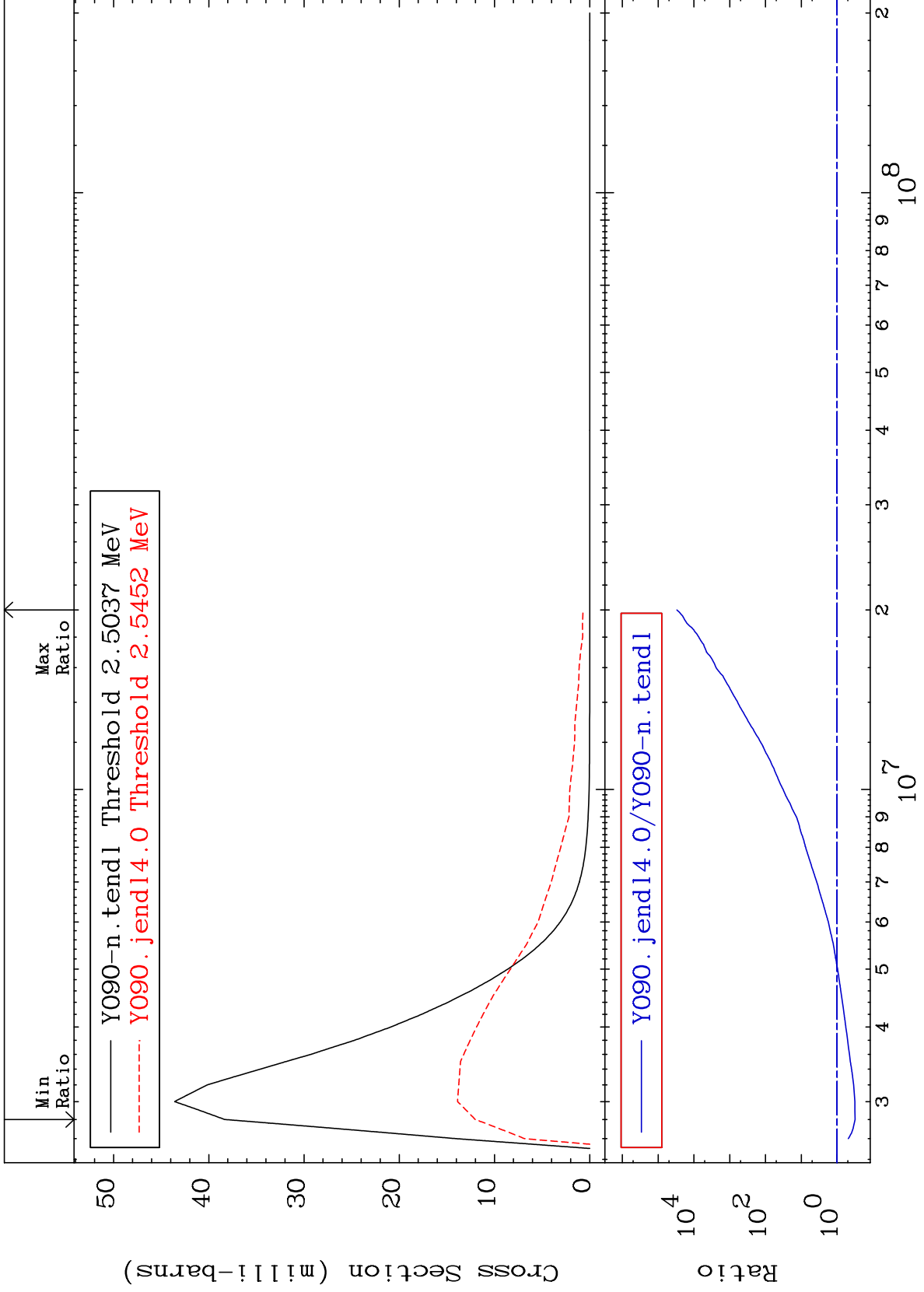
39-Y -90
1036. To 9999. %

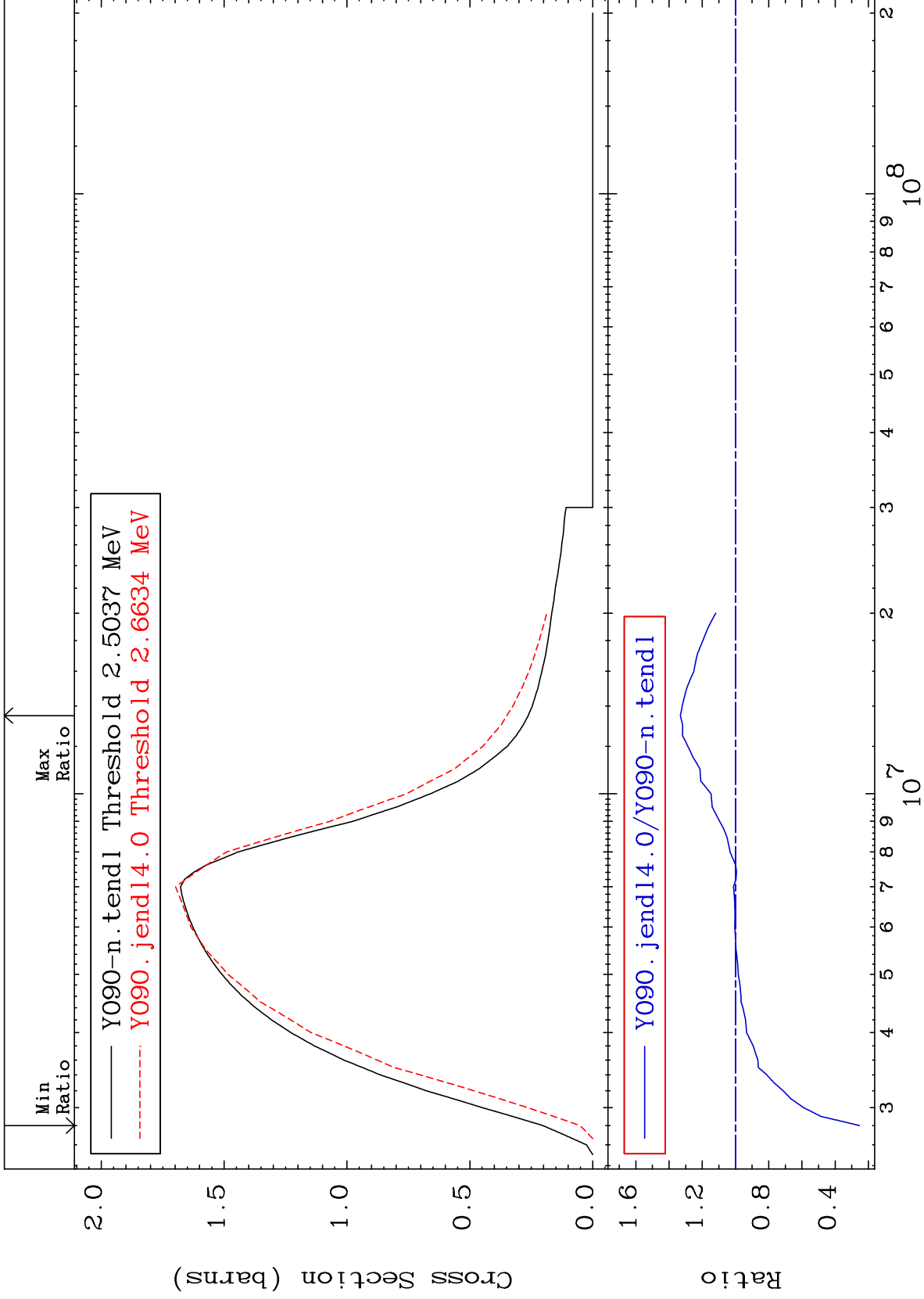


37

Incident Energy (eV)

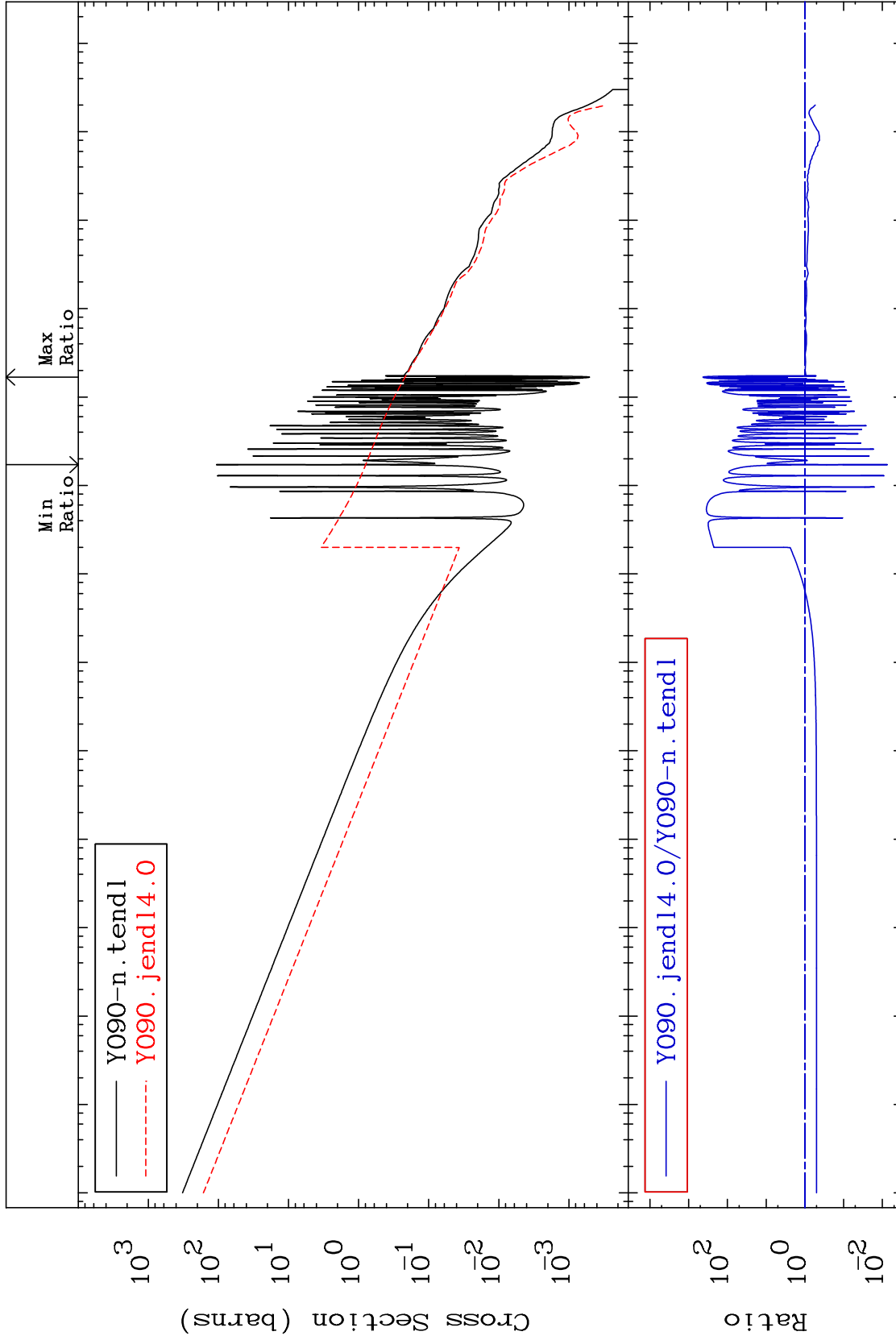
39-Y -90





Cross Section

-99.26 To 9999. %



Incident Energy (eV)

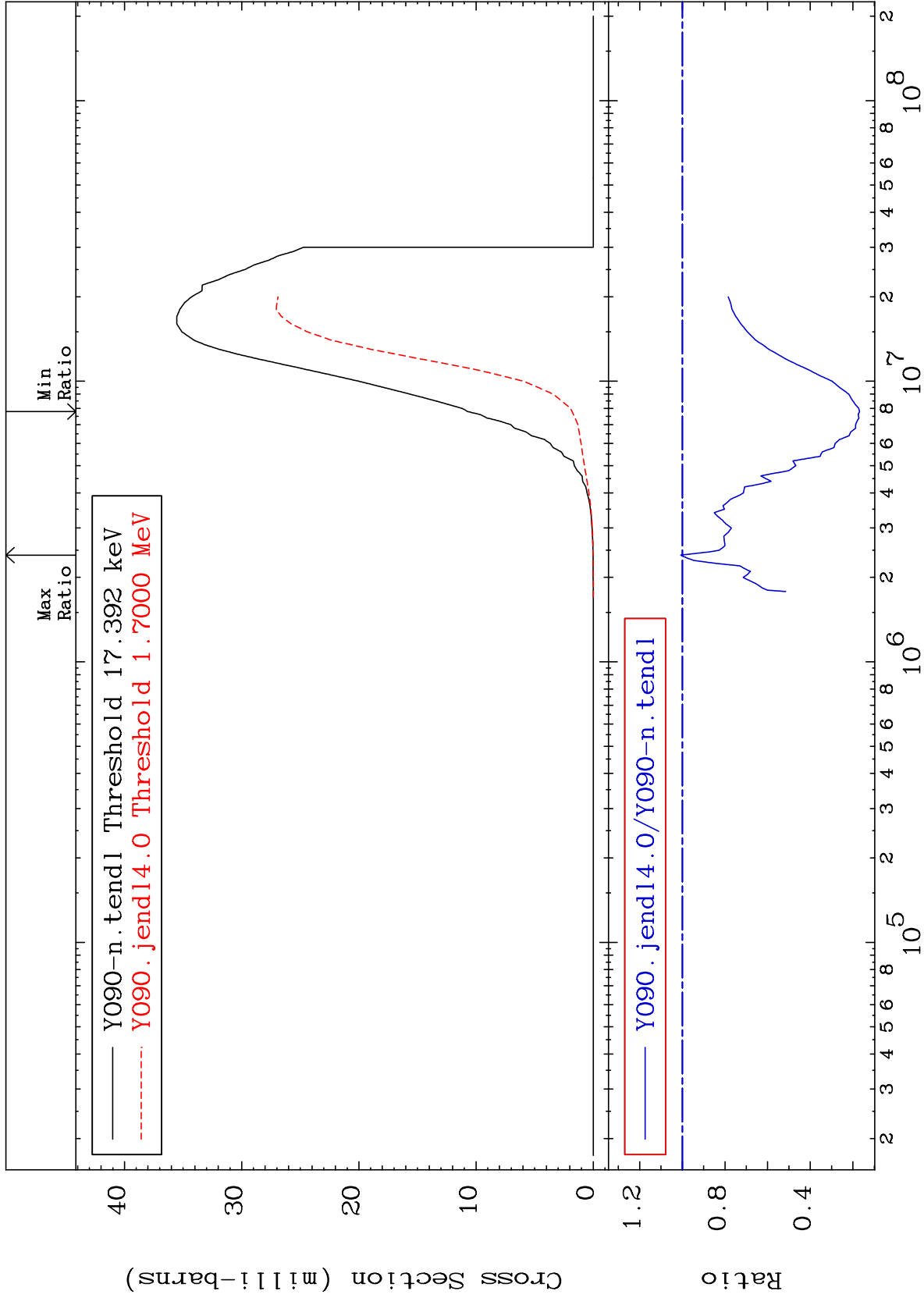
MAT 3928

(n, p)

Cross Section

39-Y -90

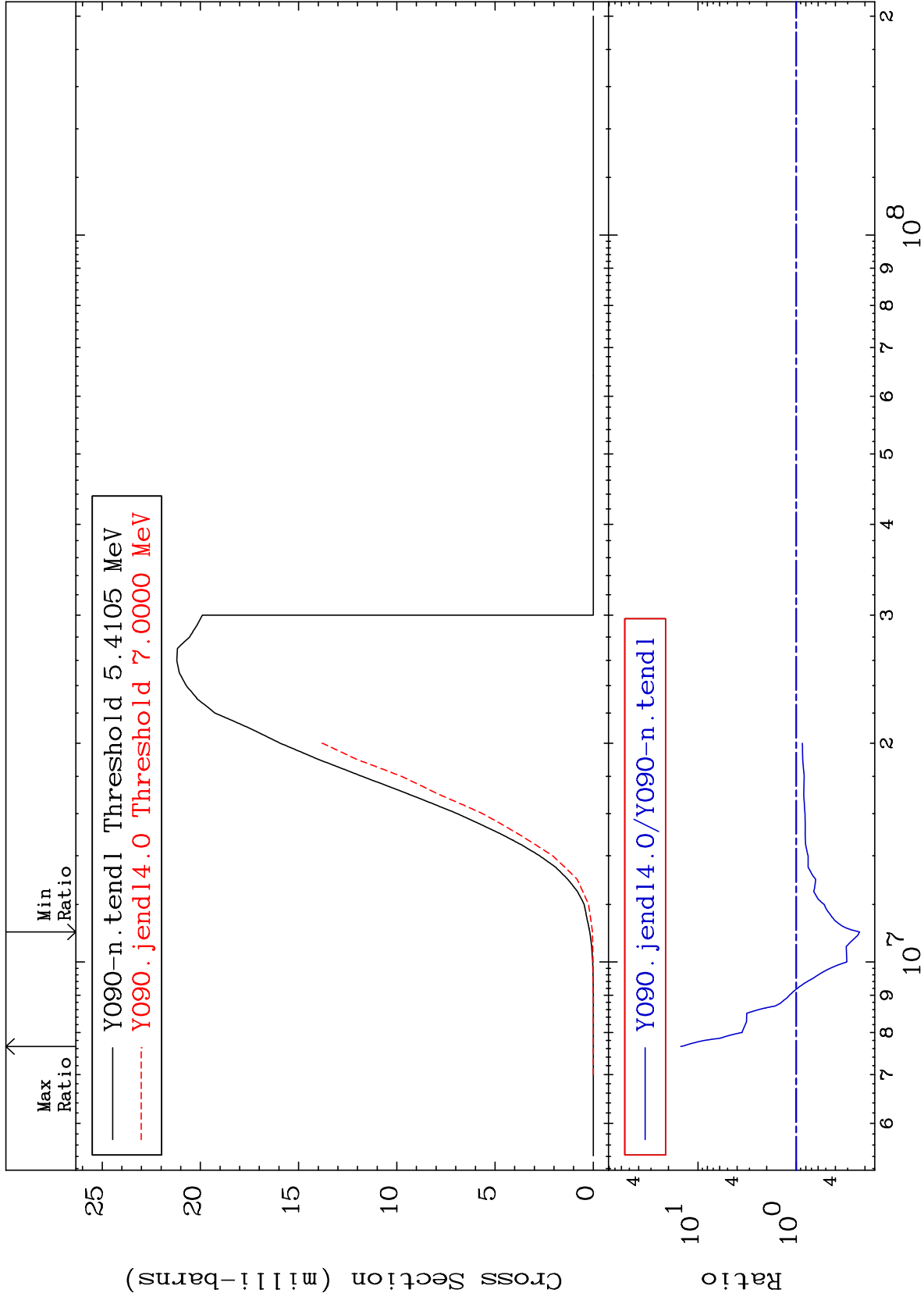
-83.12 To 0.726 %



41

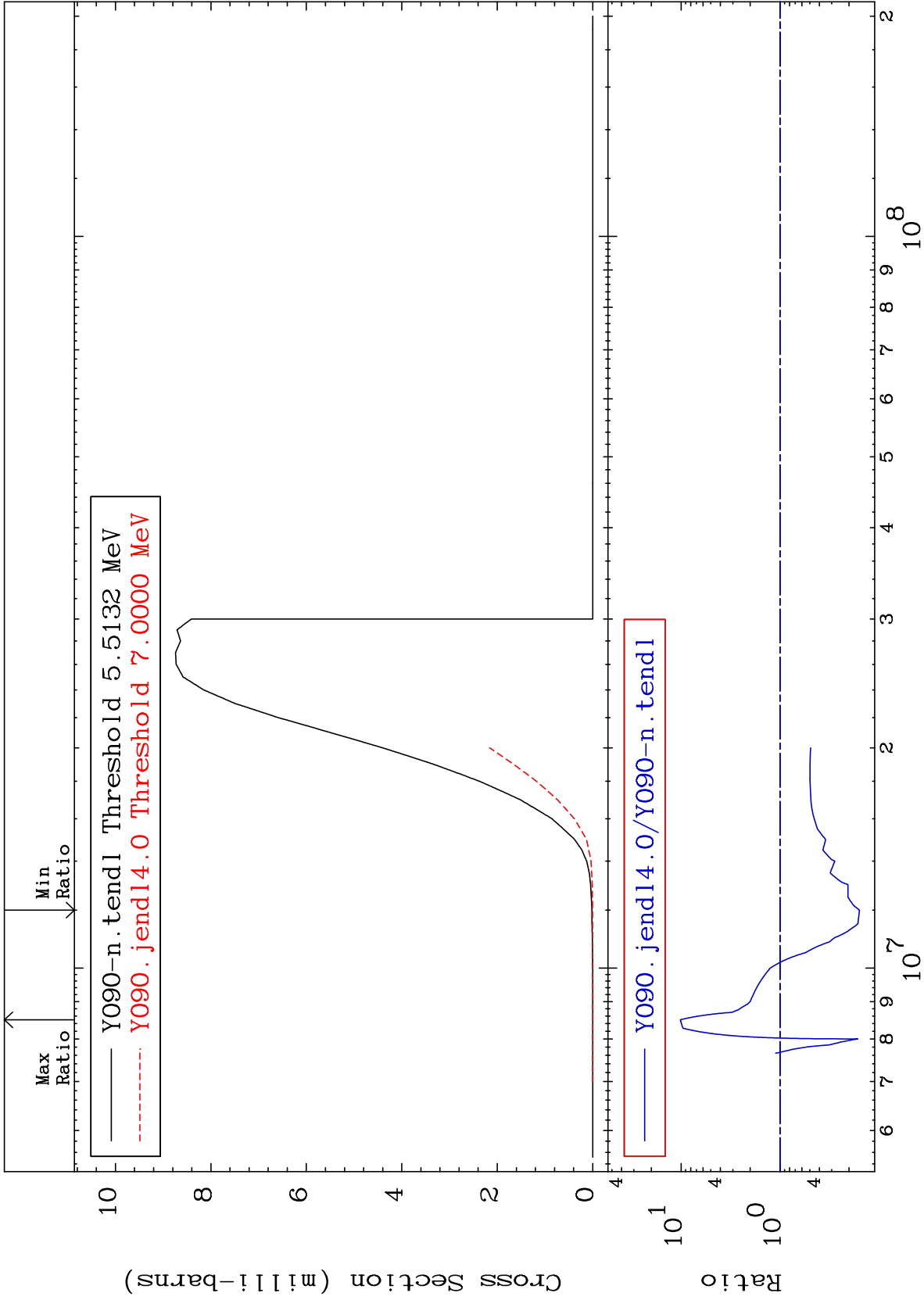
Incident Energy (eV)

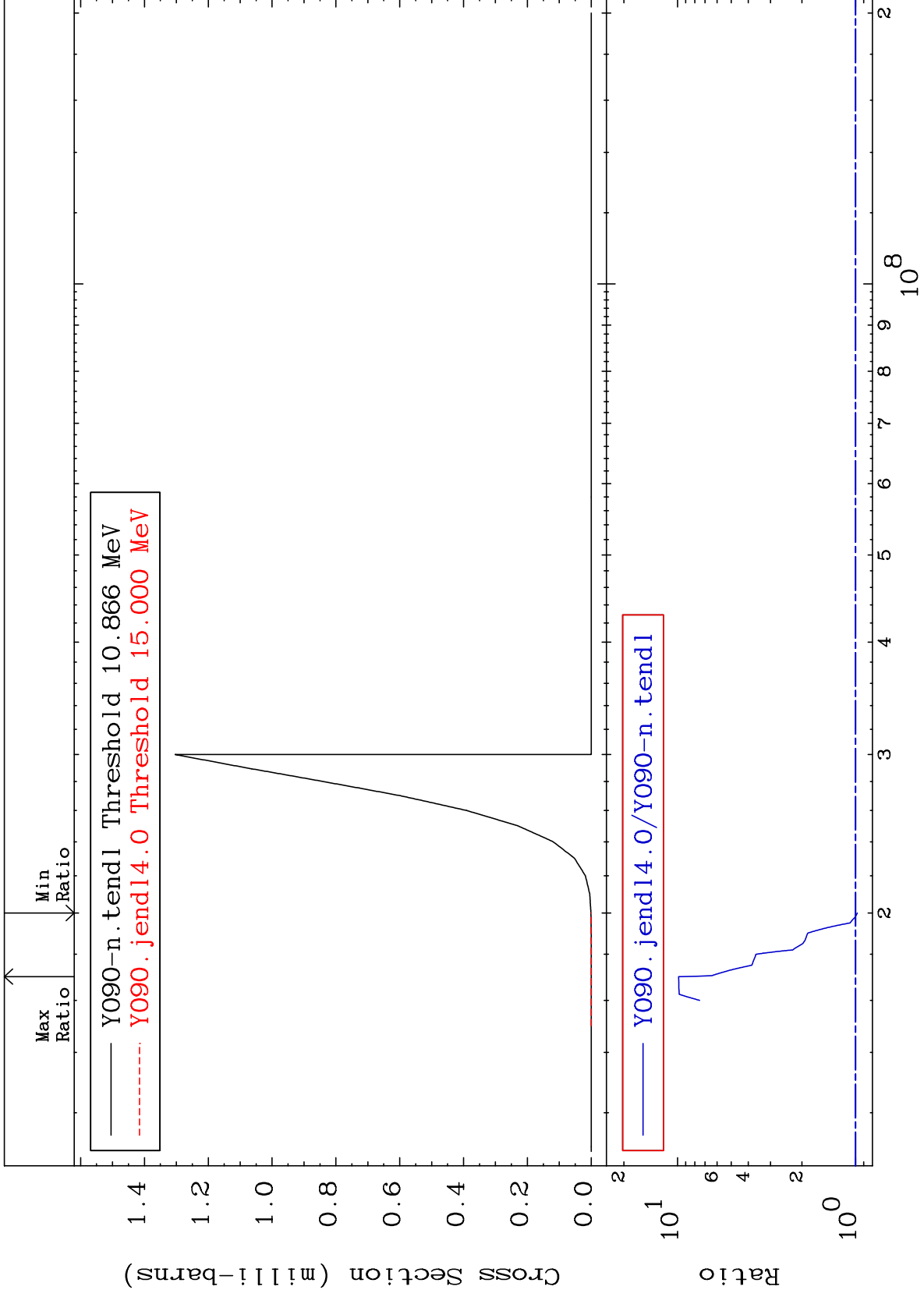
39-Y -90



Cross Section

-84.27 To 916.4 %

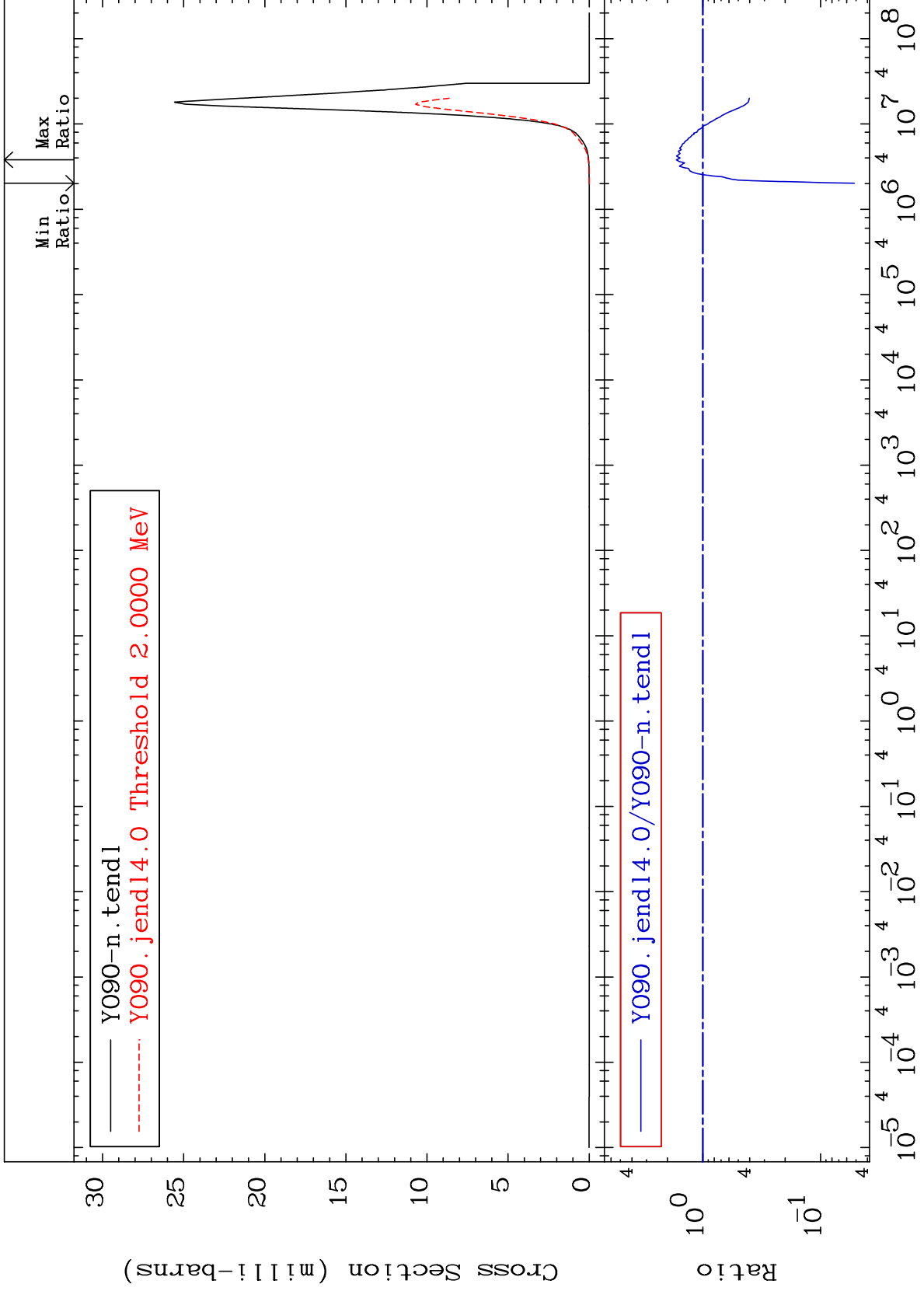




MAT 3928

(n, α)
Cross Section

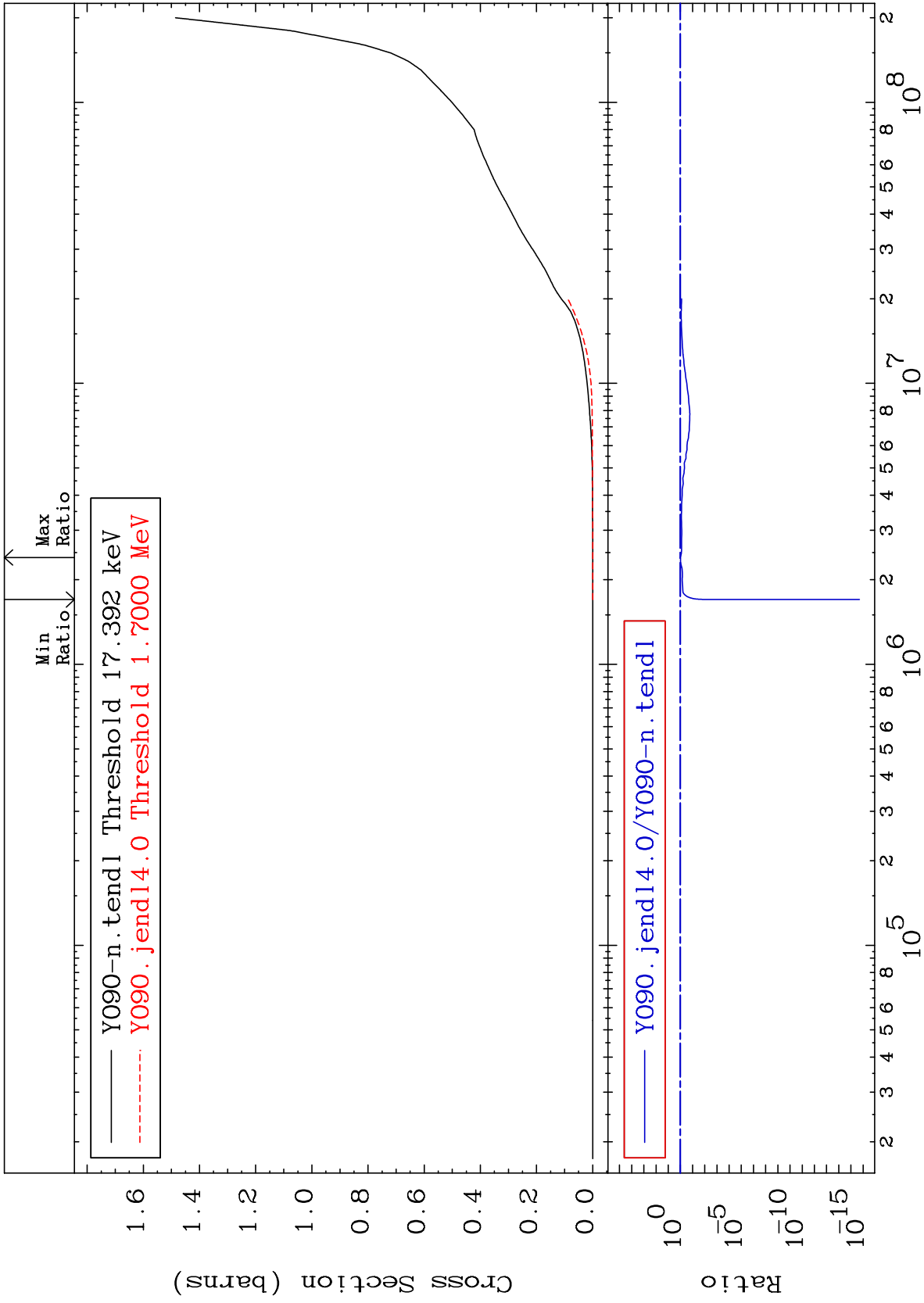
39-Y -90
-94.84 To 67.55 %

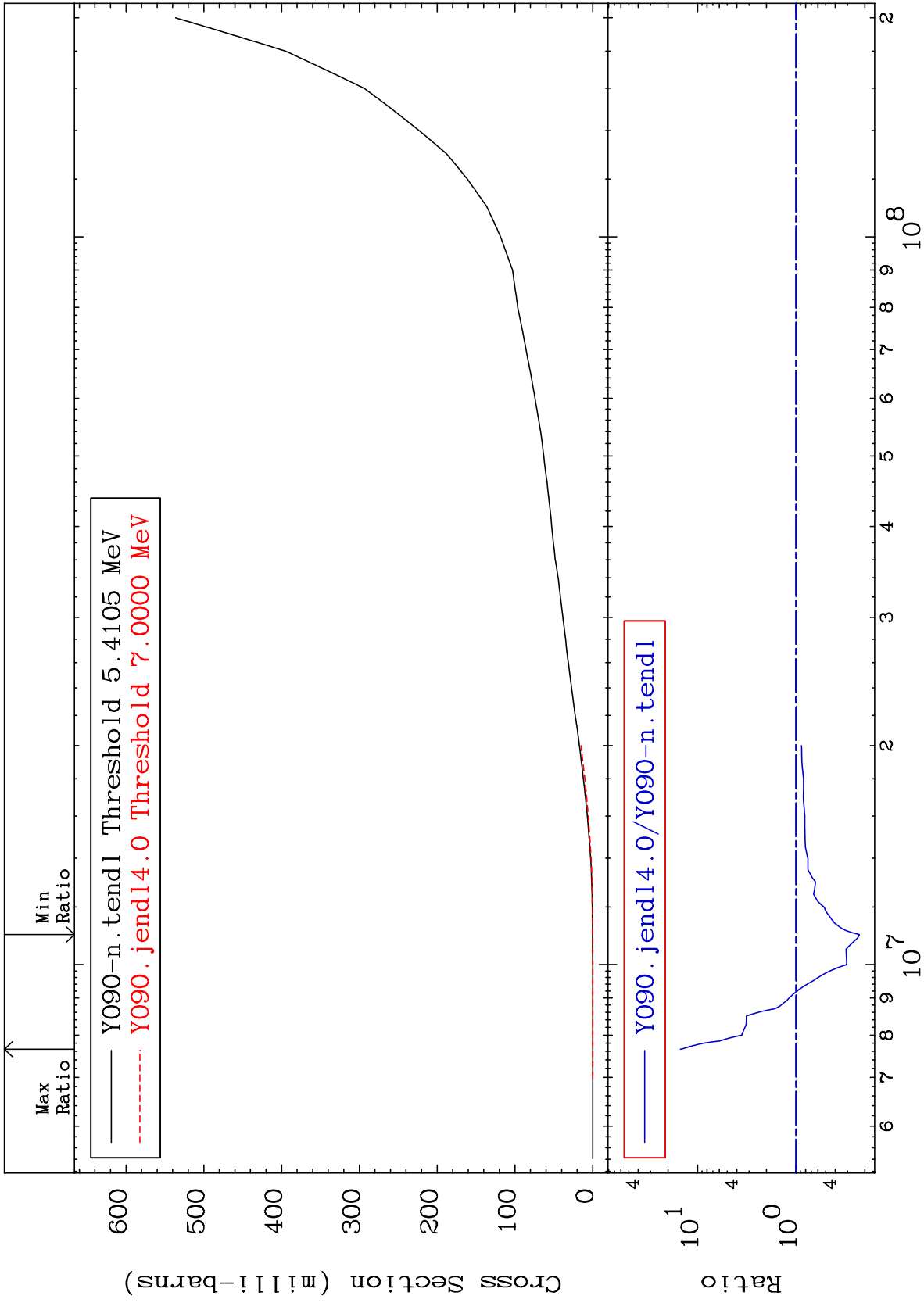


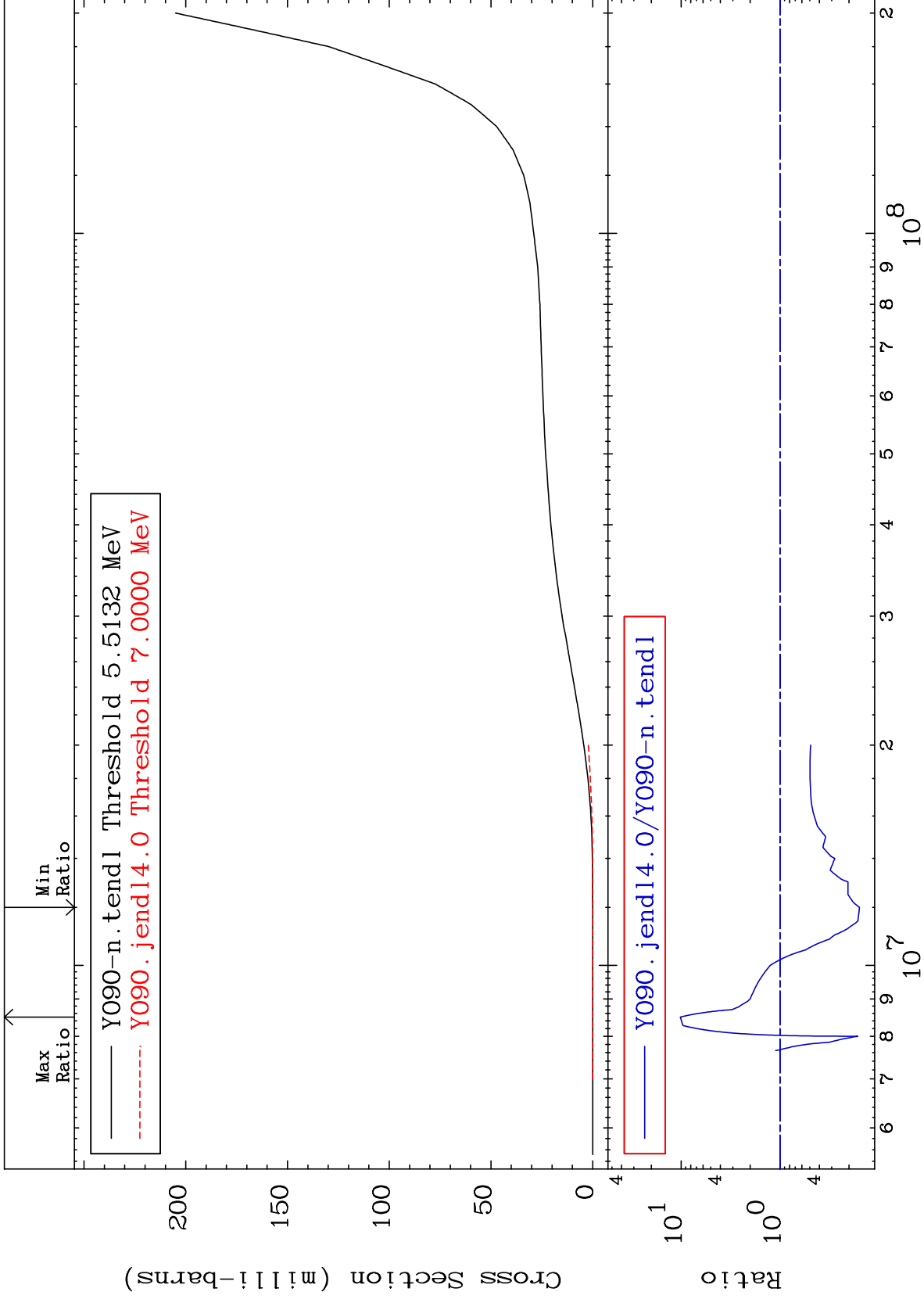
45

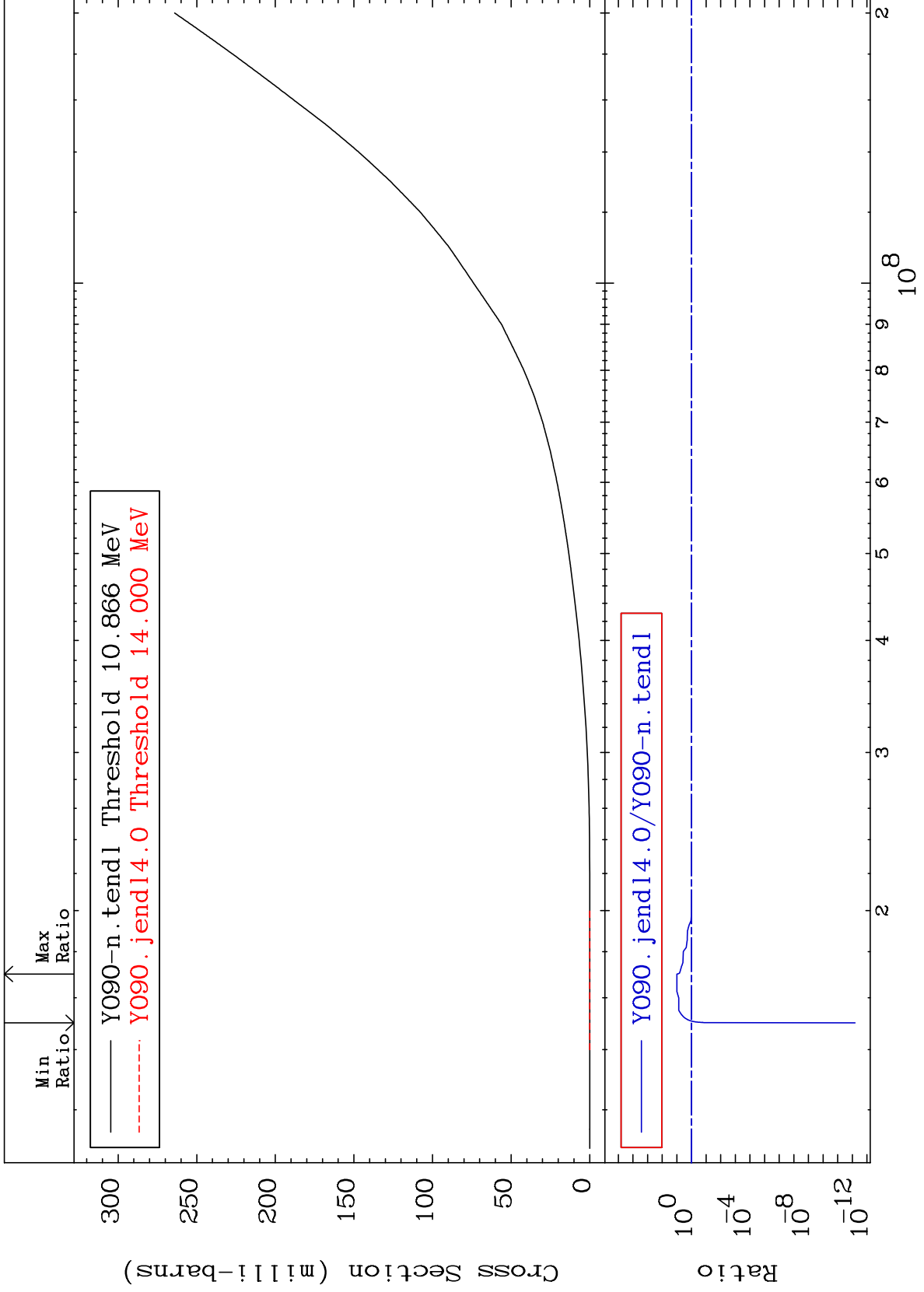
Incident Energy (eV)

39-Y -90





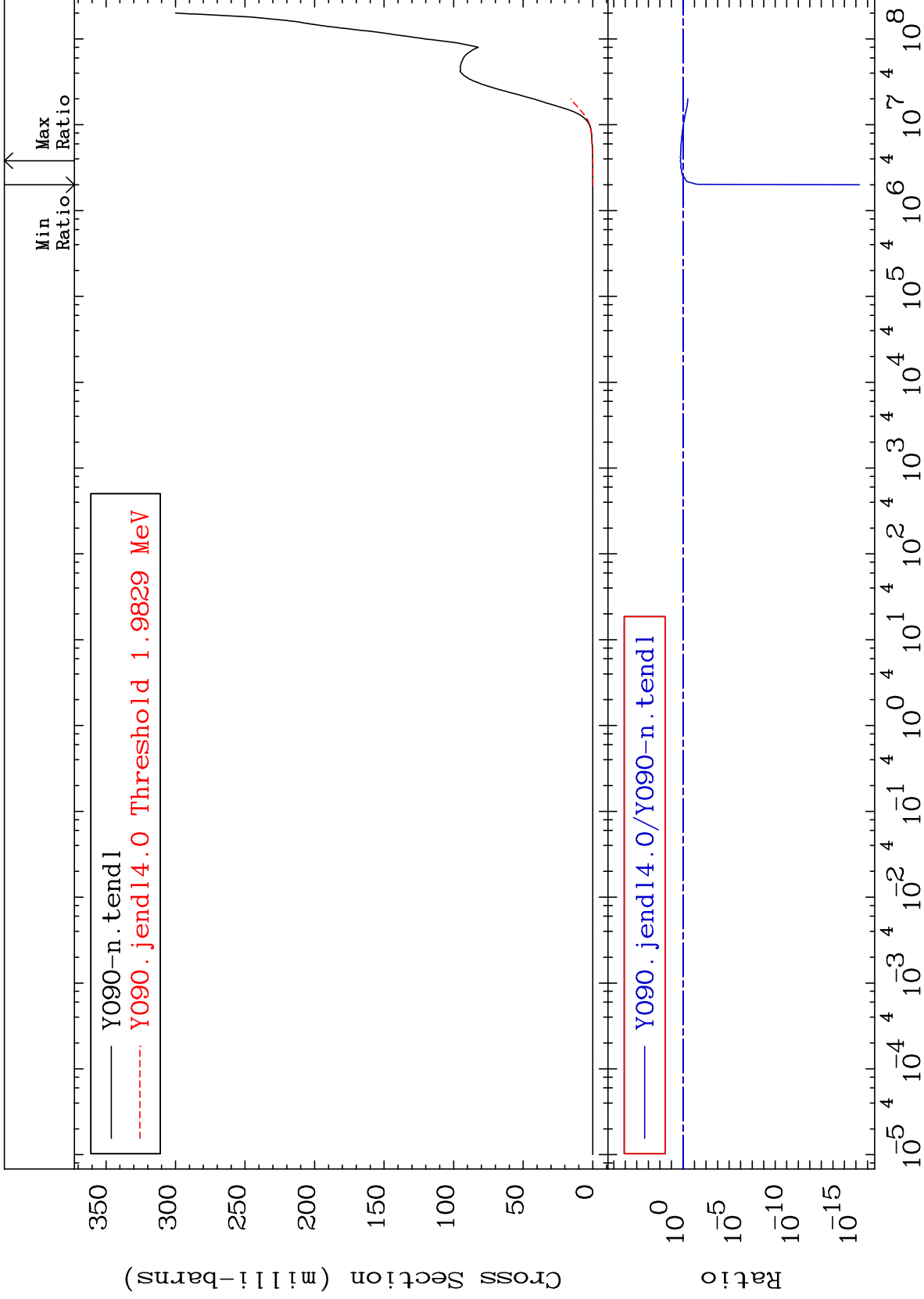




MAT 3928

He-4 Production
Cross Section

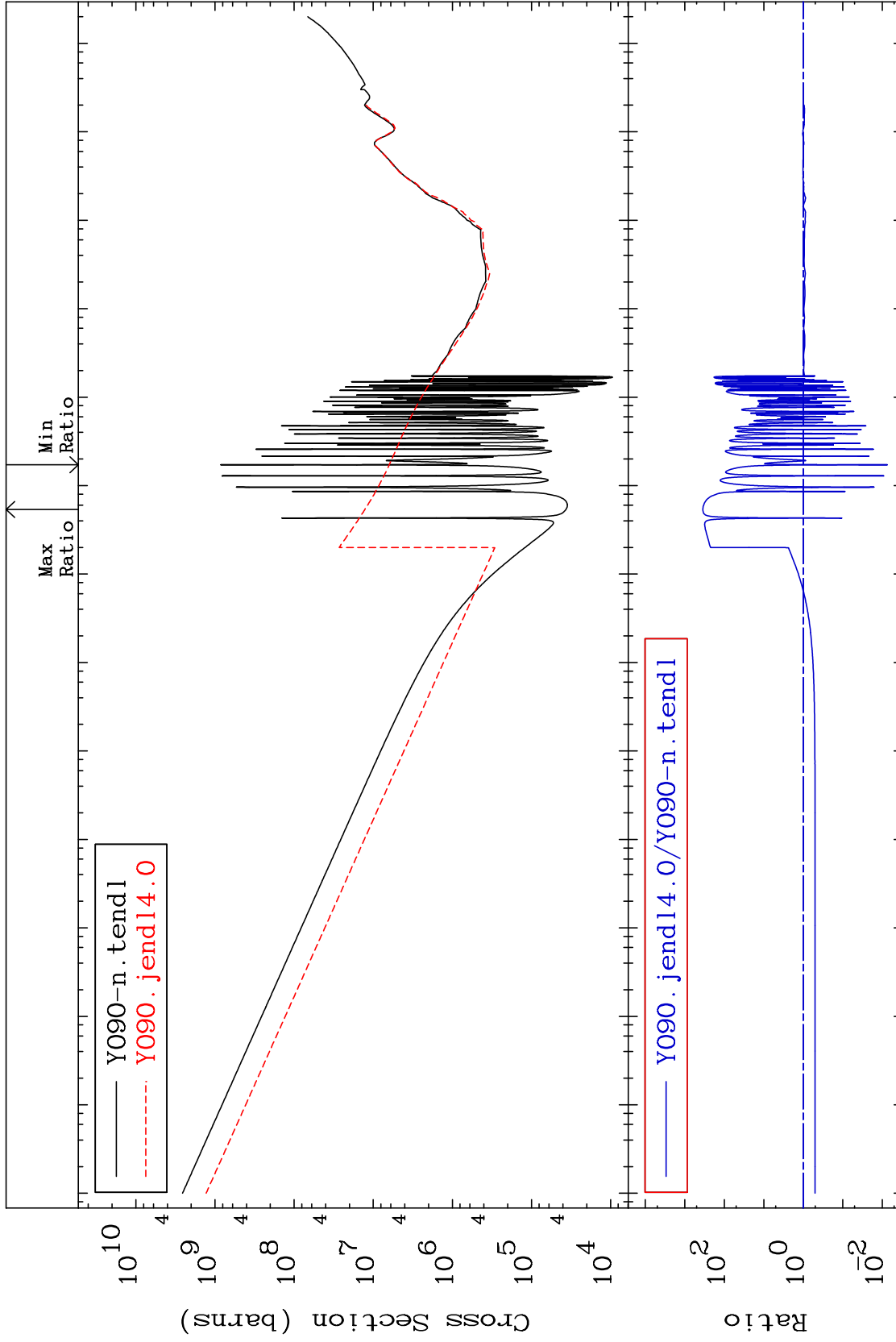
39-Y -90
-100.0 To 67.55 %

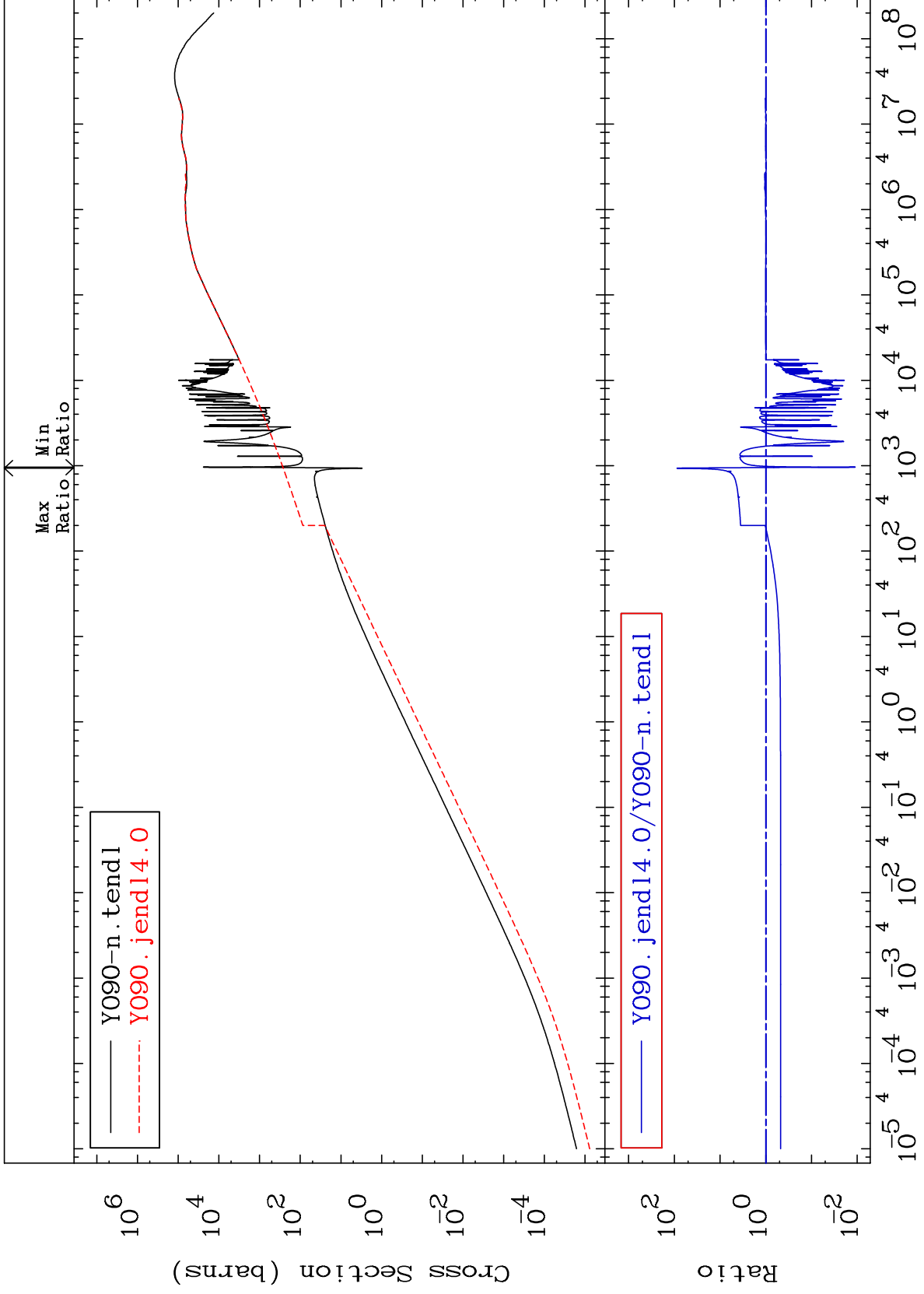


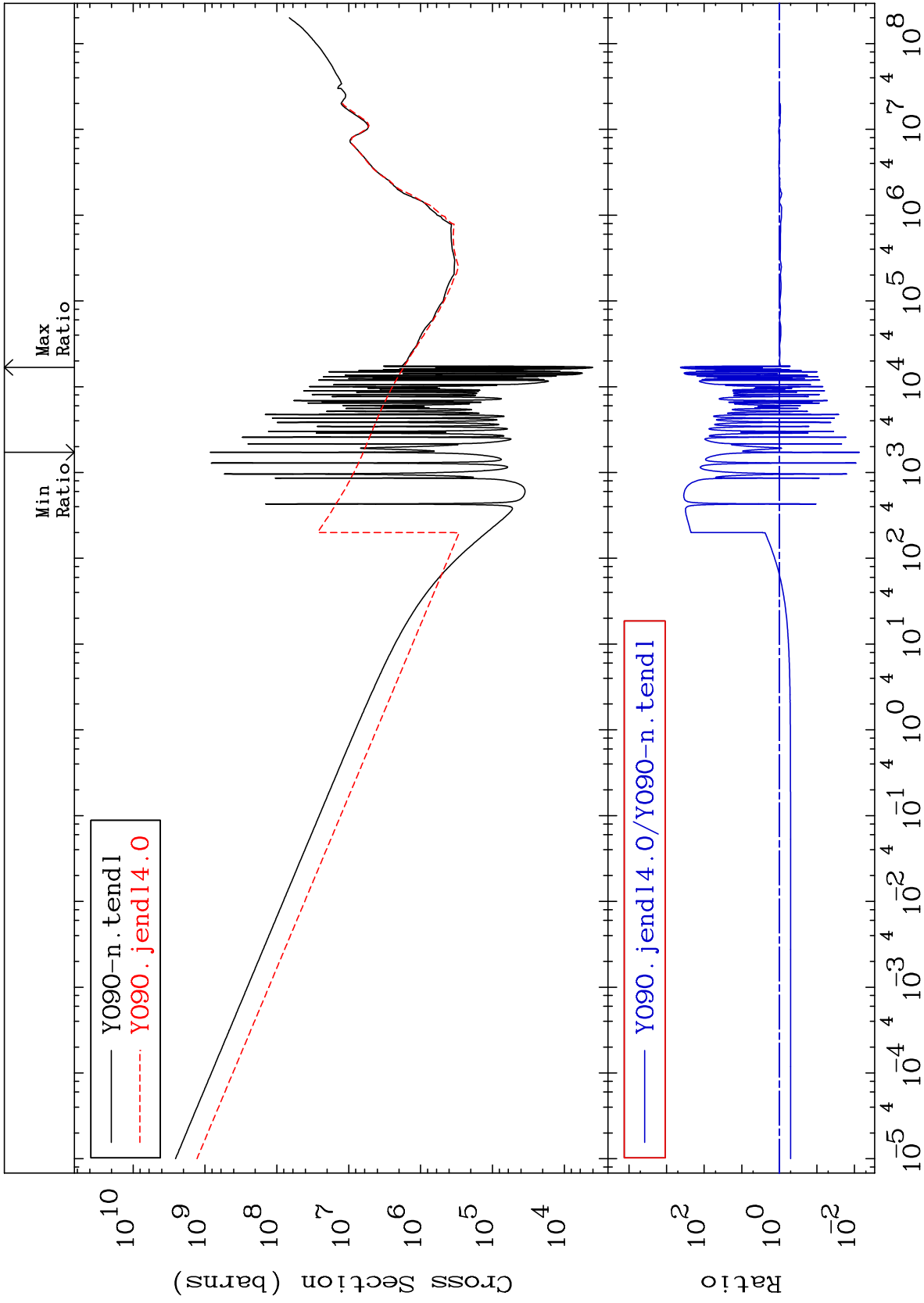
50

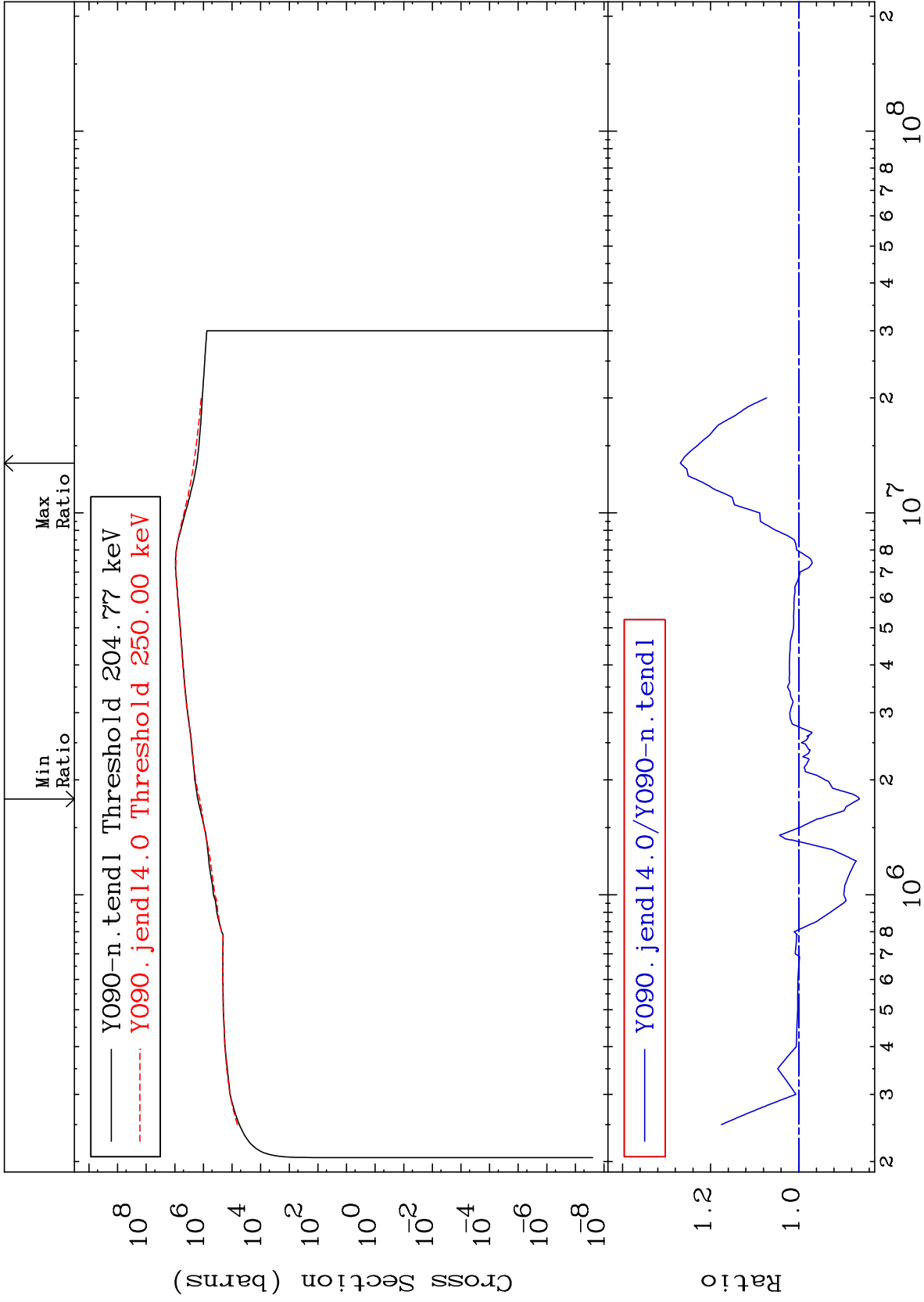
Incident Energy (eV)

39-Y -90









MAT 3928

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

39-Y -90
-13.77 To 26.87 %

