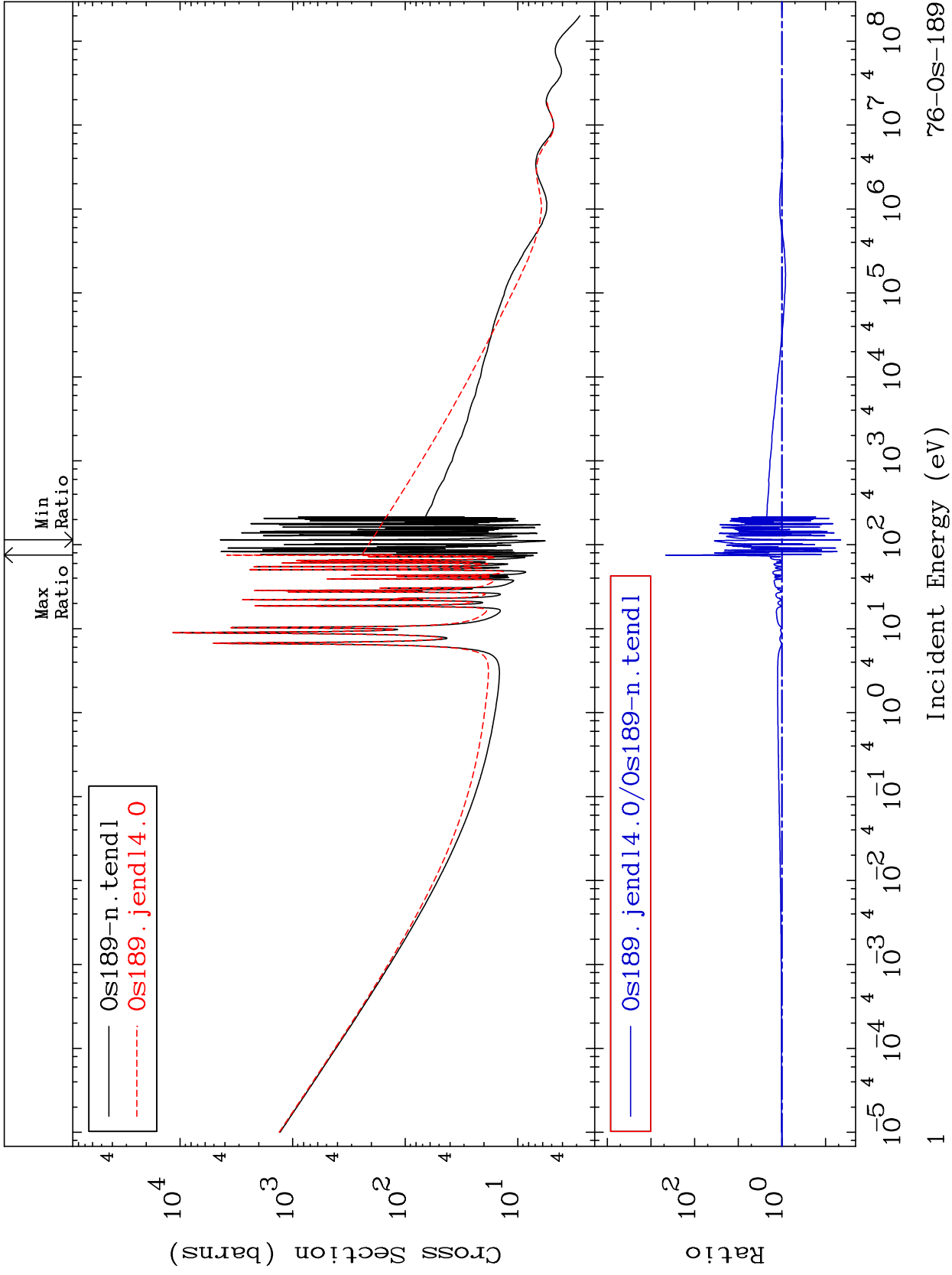


MAT 7640

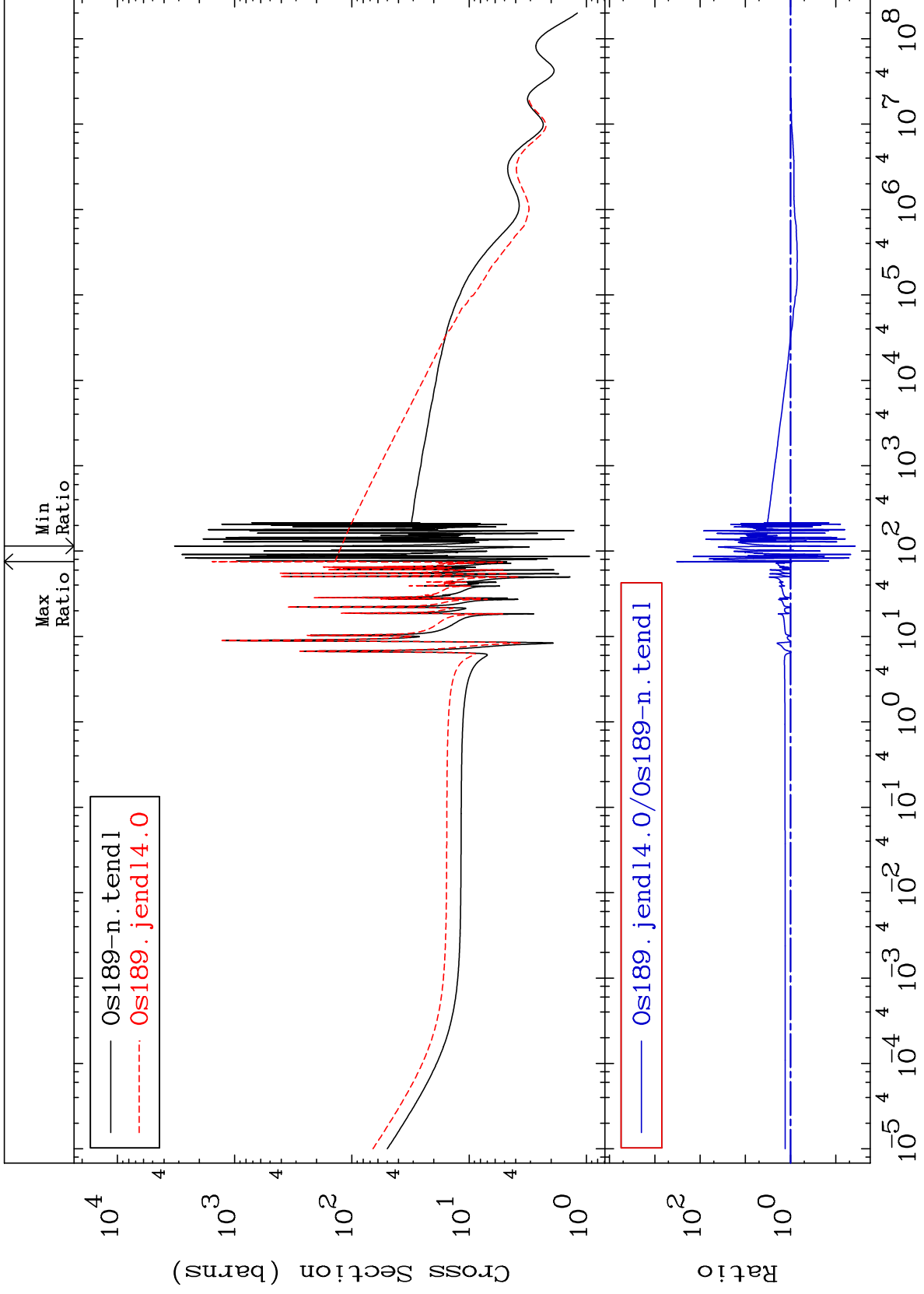
Total Cross Section  
76-0s-189  
-95.51 To 9999. %



MAT 7640

Elastic  
Cross Section

76-0s-189  
-96.24 To 9999. %



Incident Energy (eV)

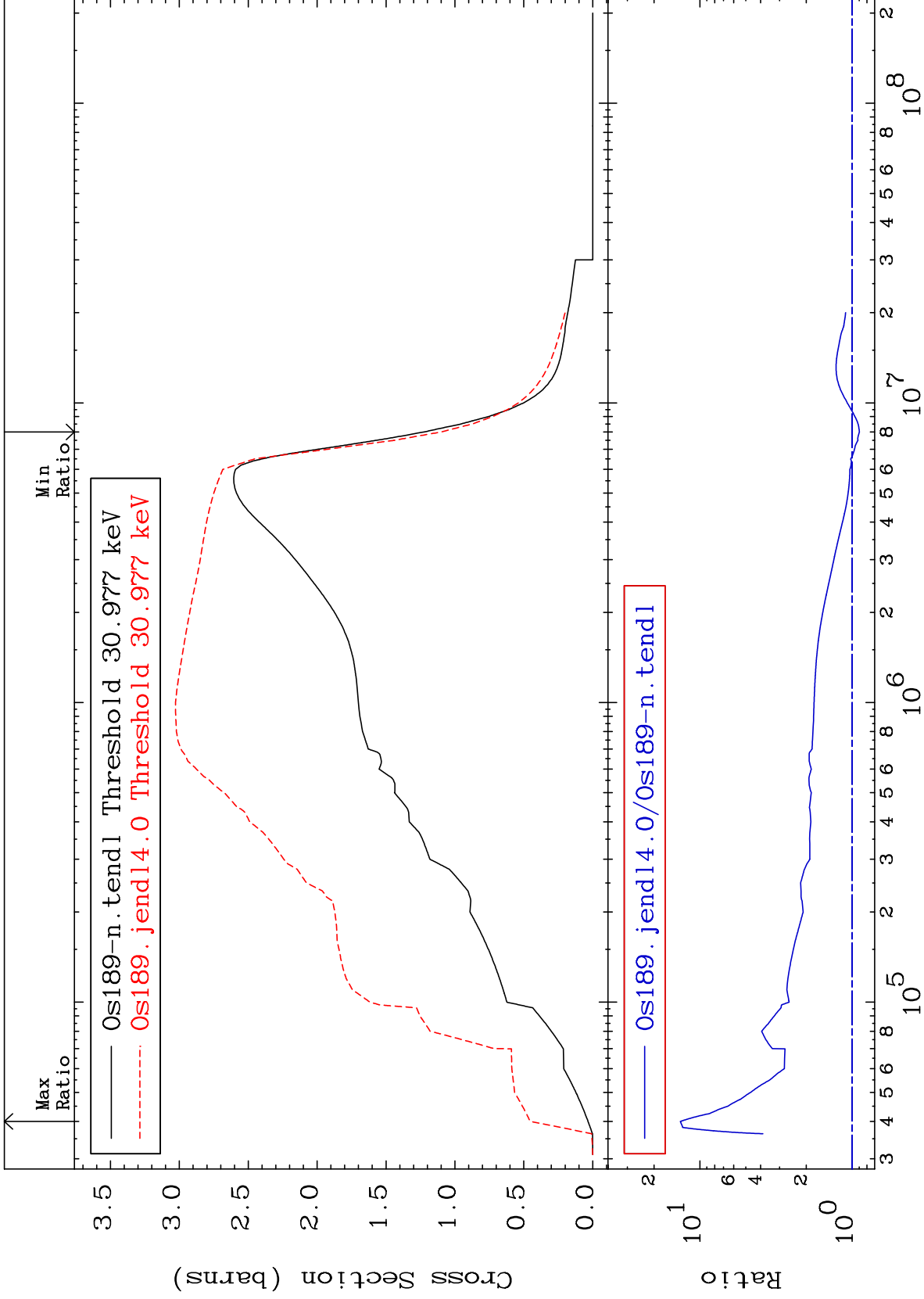
76-0s-189

2

MAT 7640

Inelastic  
Cross Section

76-Os-189  
-10.36 To 1244. %



3

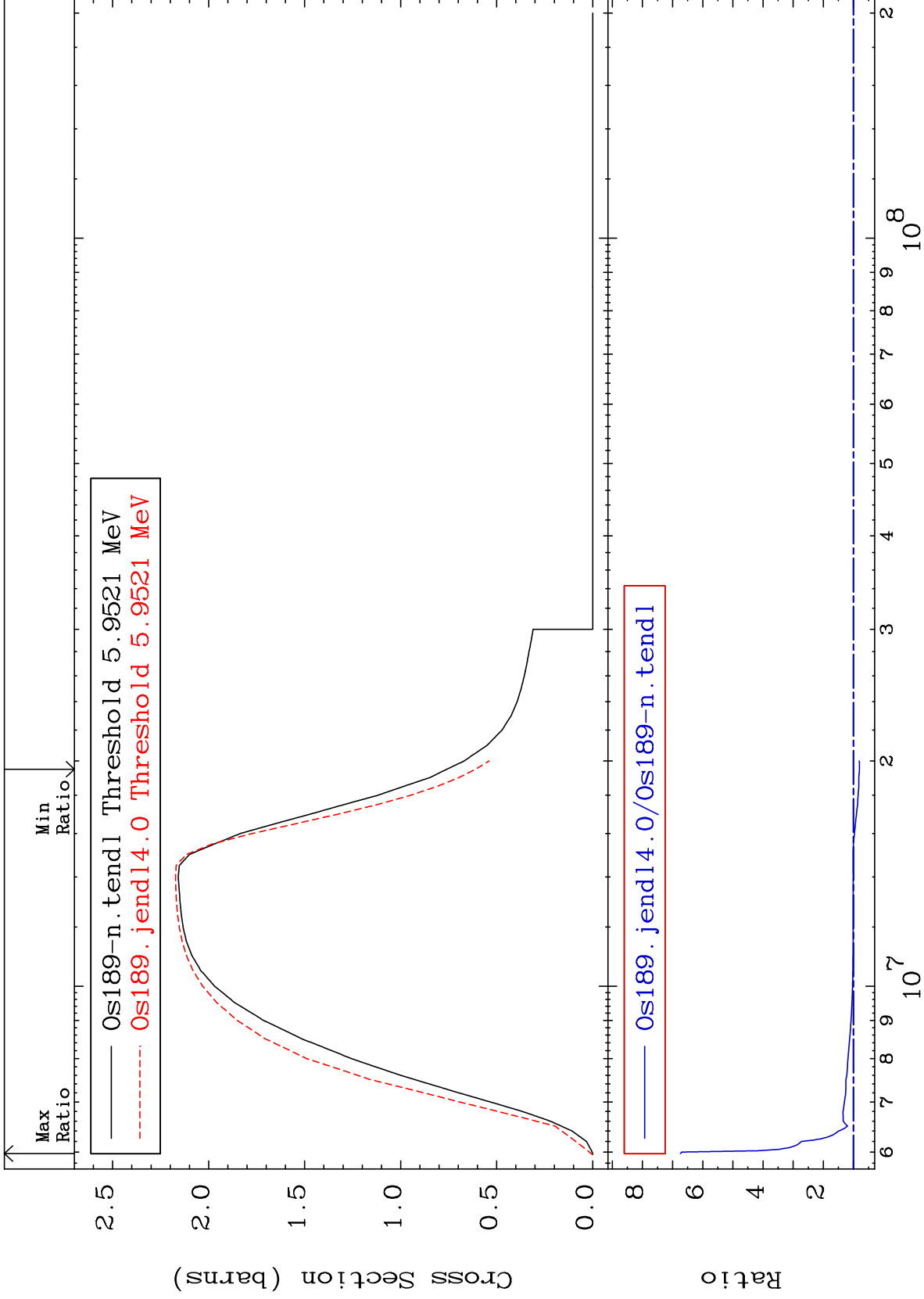
Incident Energy (eV)

76-Os-189

MAT 7640

(n,2n)  
Cross Section

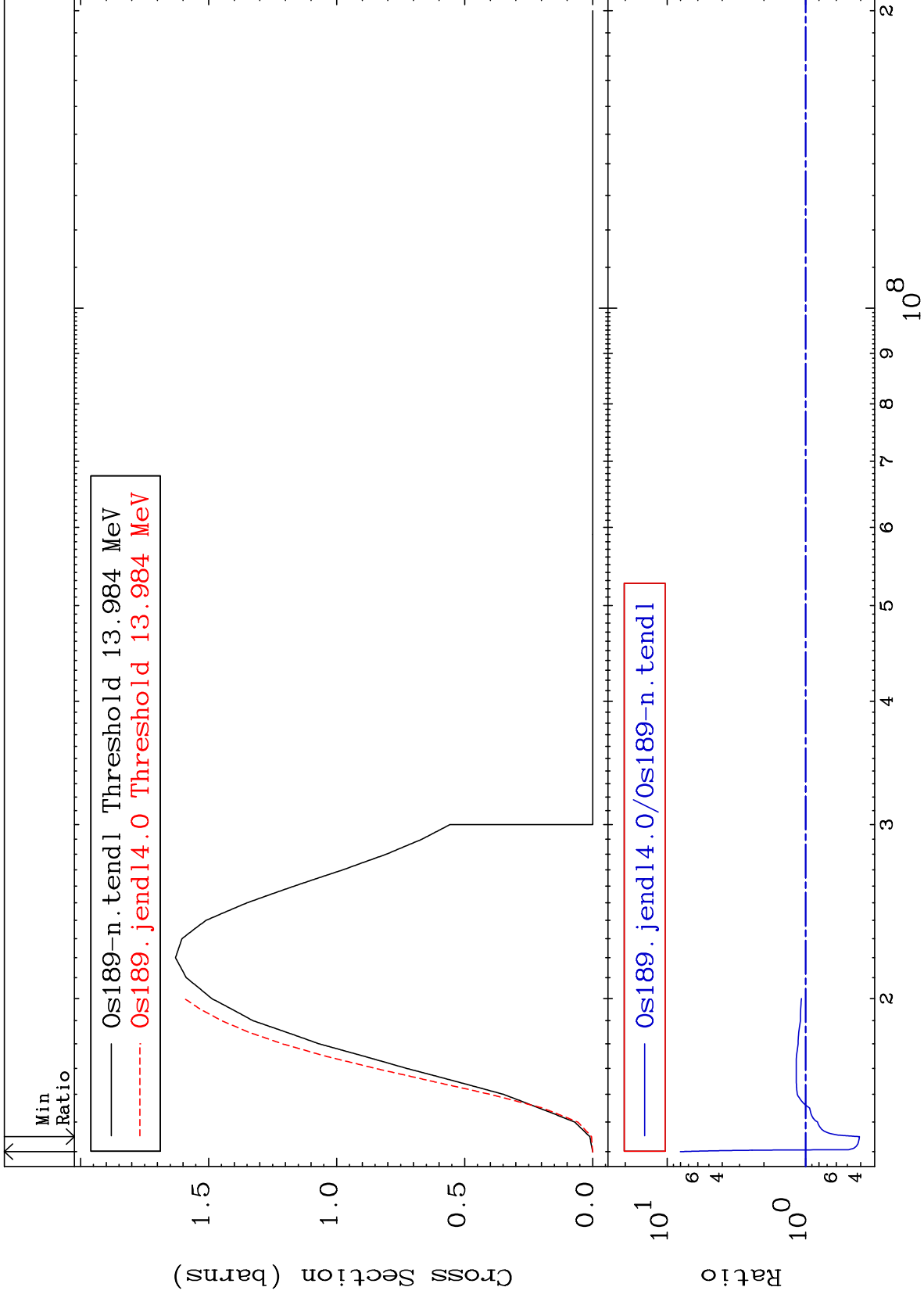
76-0s-189  
-19.73 To 574.2 %



4

Incident Energy (eV)

76-0s-189



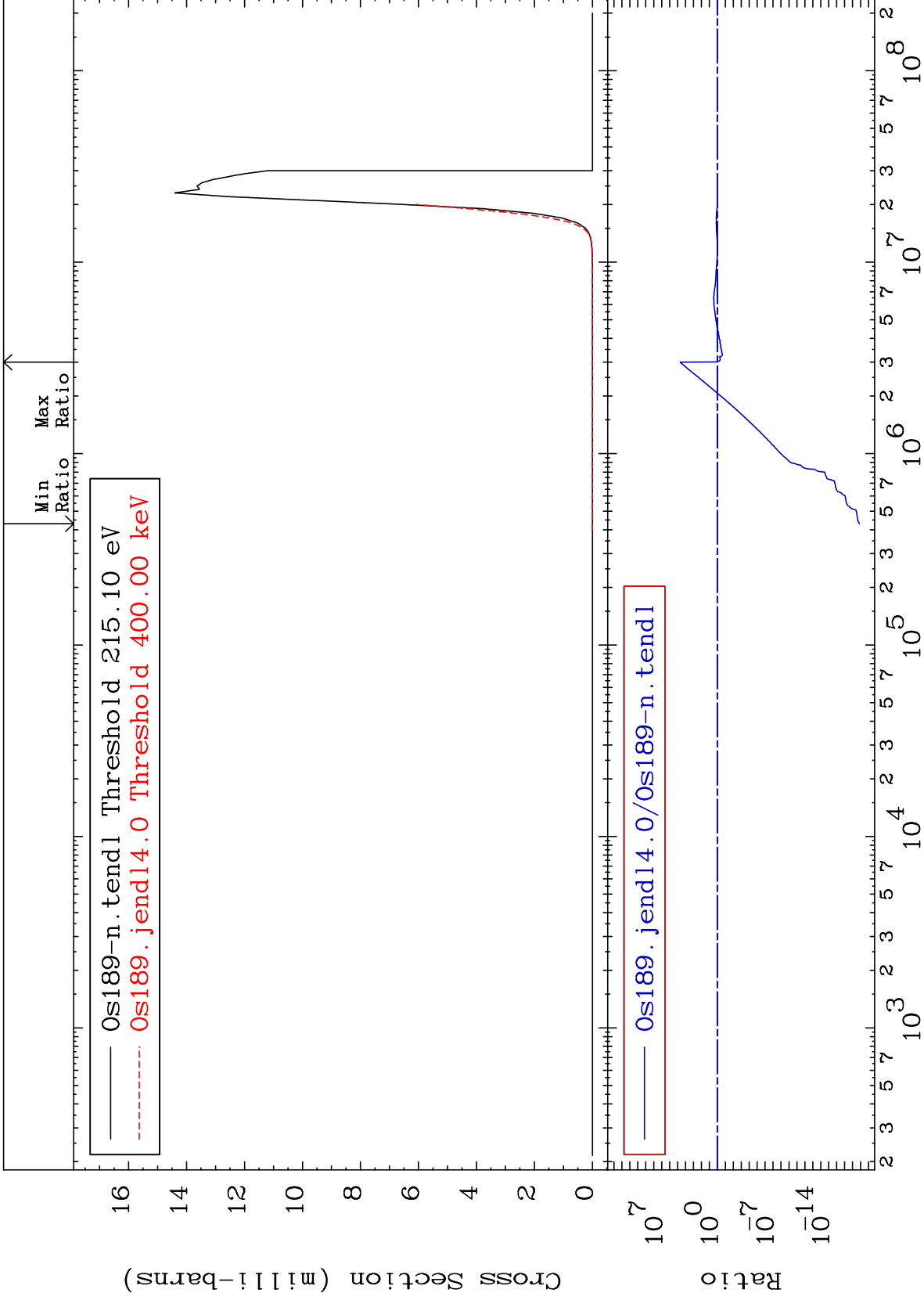
MAT 7640

(n, n')  $\alpha$

76-0s-189

Cross Section

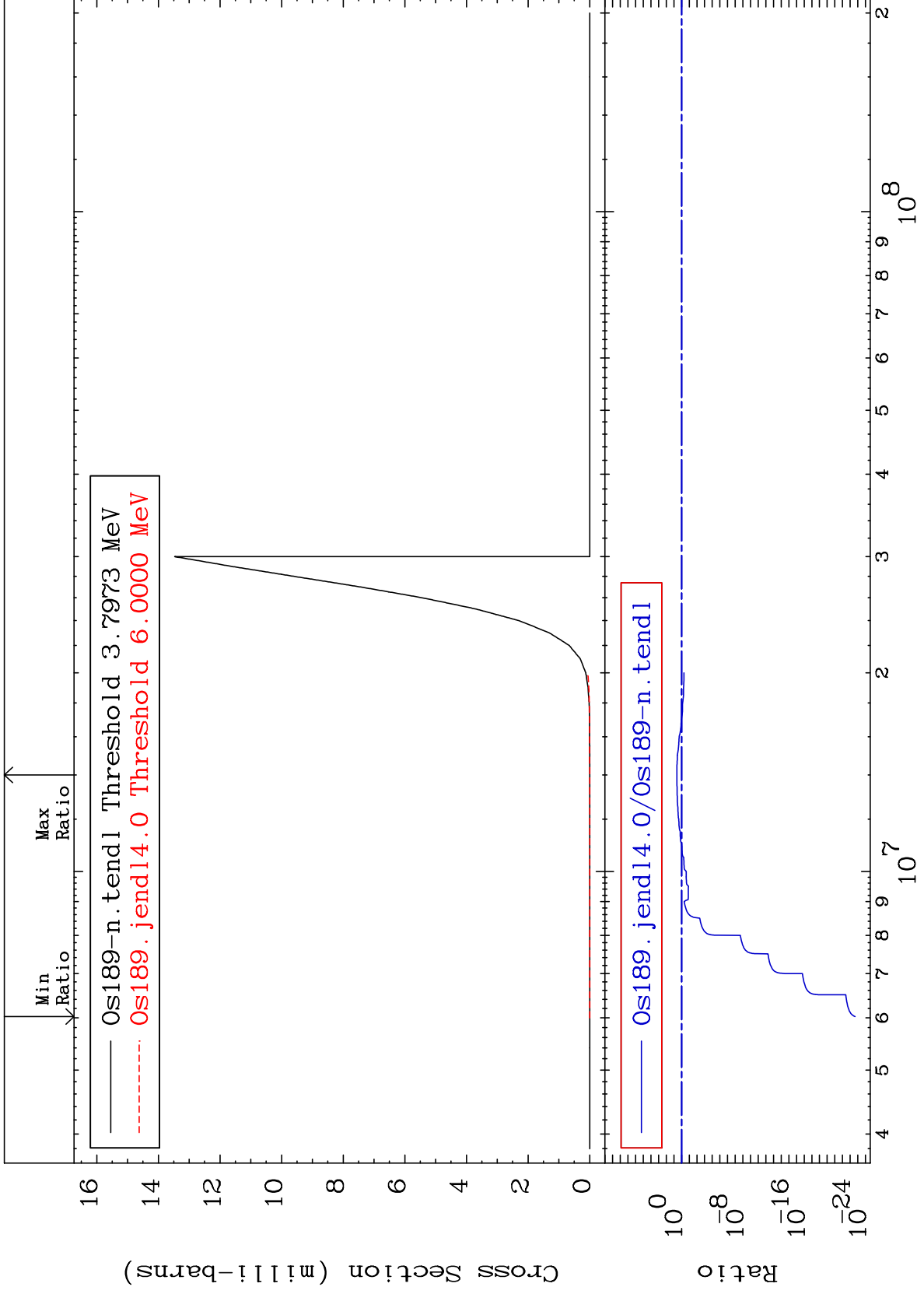
-100.0 To 9999. %



MAT 7640

(n,2n)  $\alpha$   
Cross Section

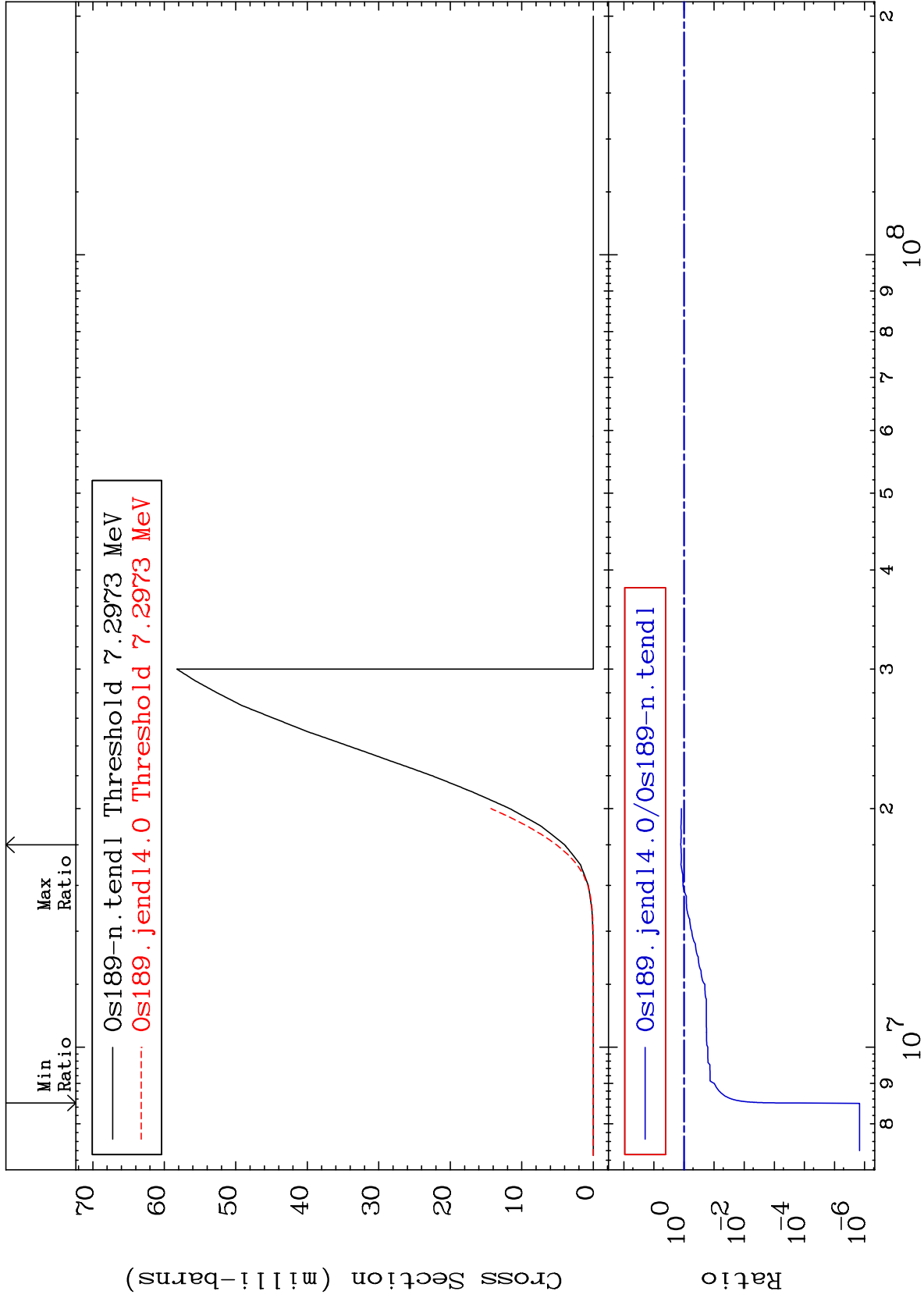
76-0s-189  
-100.0 To 305.0 %



MAT 7640

(n,n') p  
Cross Section

76-0s-189  
-100.0 To 28.33 %



8

Incident Energy (eV)

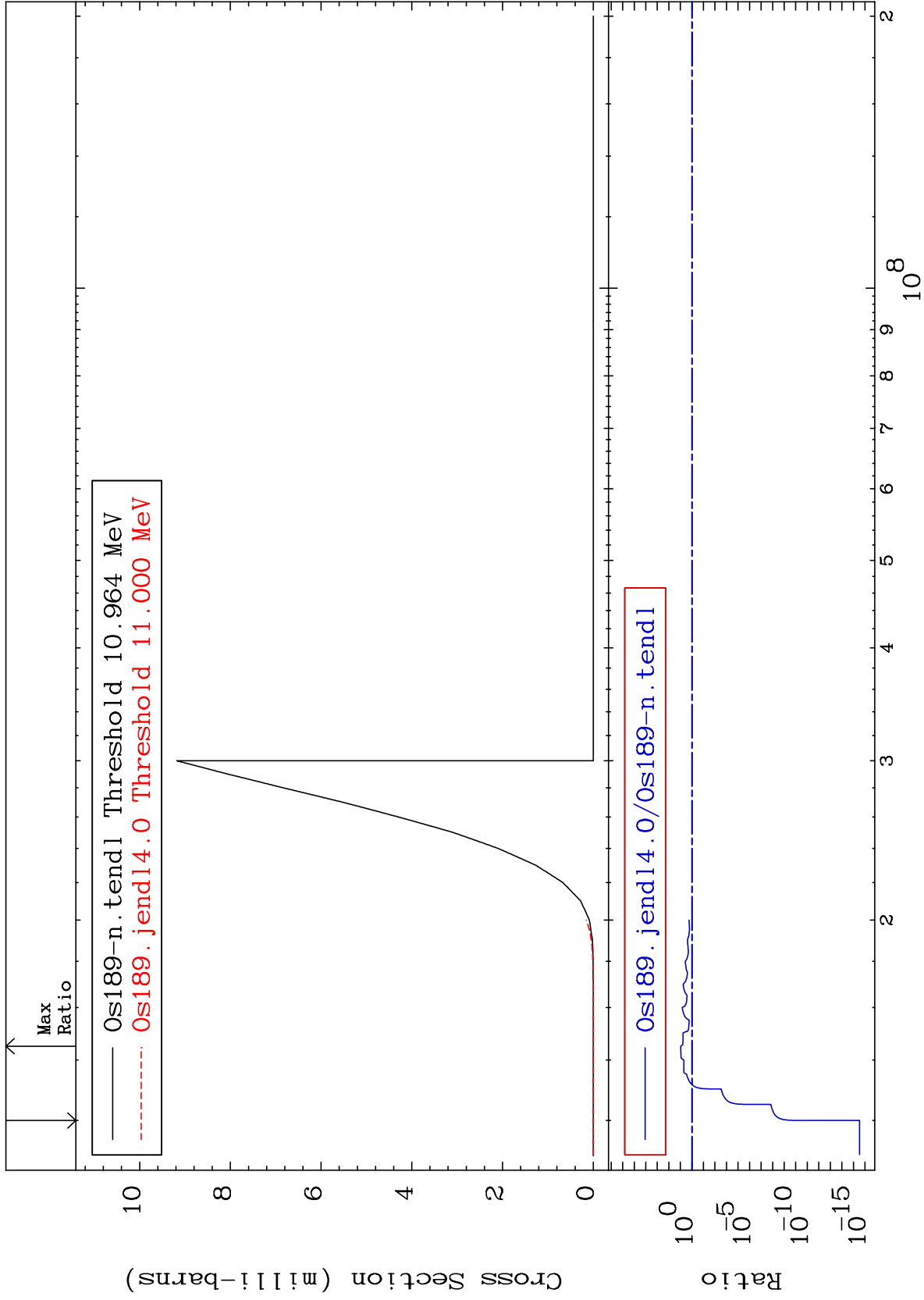
76-0s-189



MAT 7640

(n,n') d  
Cross Section

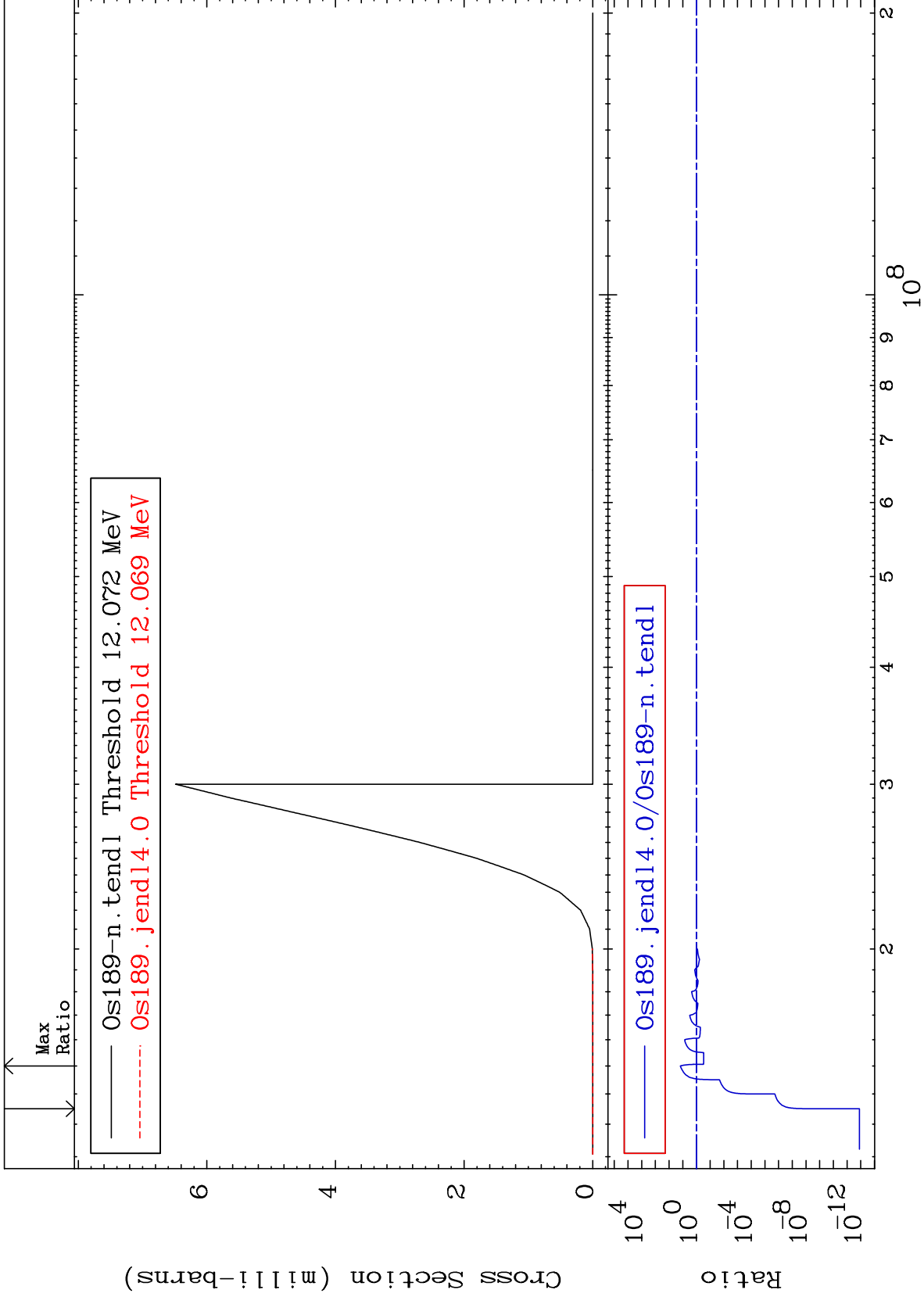
76-0s-189  
-100.0 To 819.8 %



MAT 7640

(n,n') t  
Cross Section

76-0s-189  
-100.0 To 1388. %



10

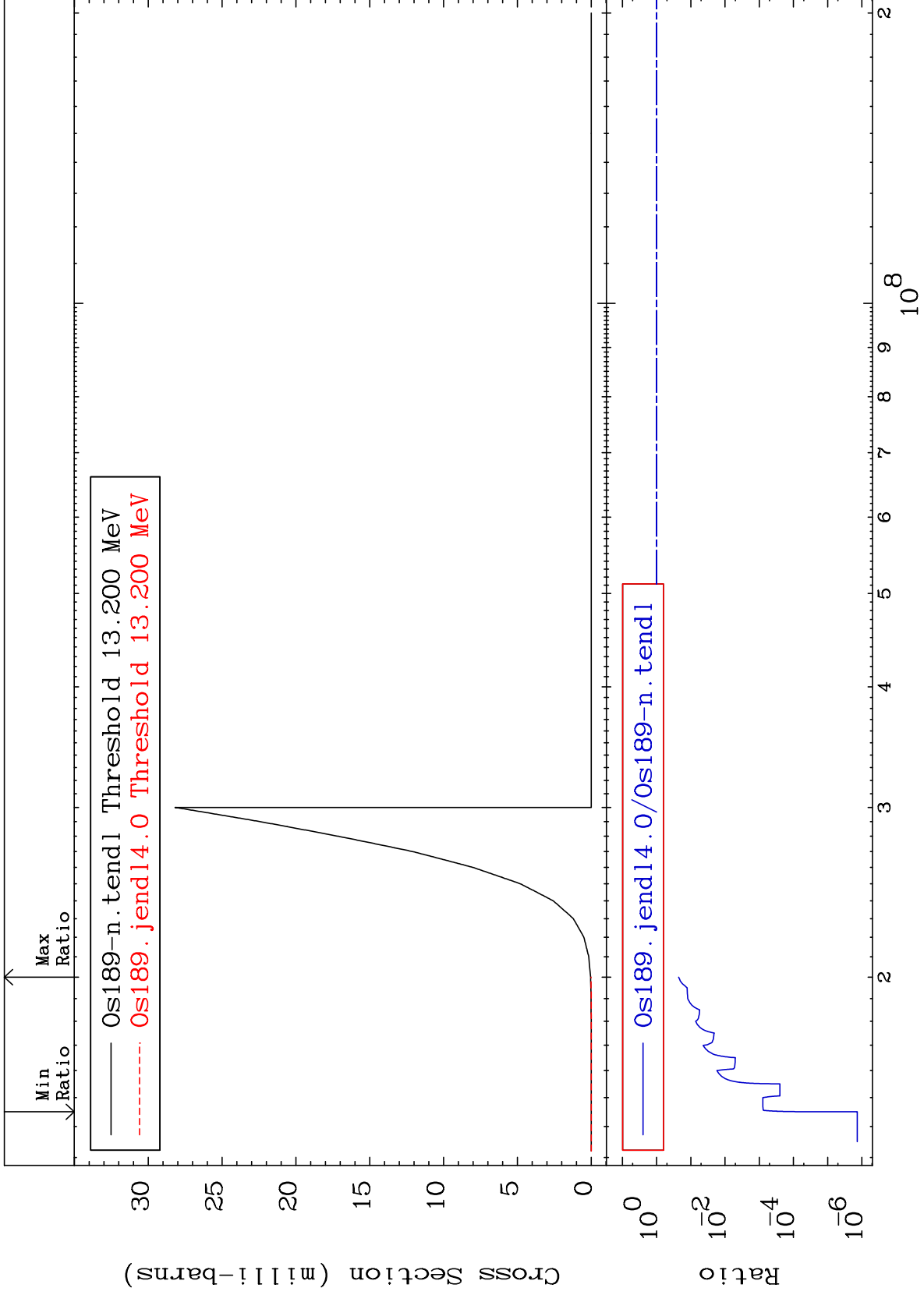
Incident Energy (eV)

76-0s-189

MAT 7640

(n,2n) p  
Cross Section

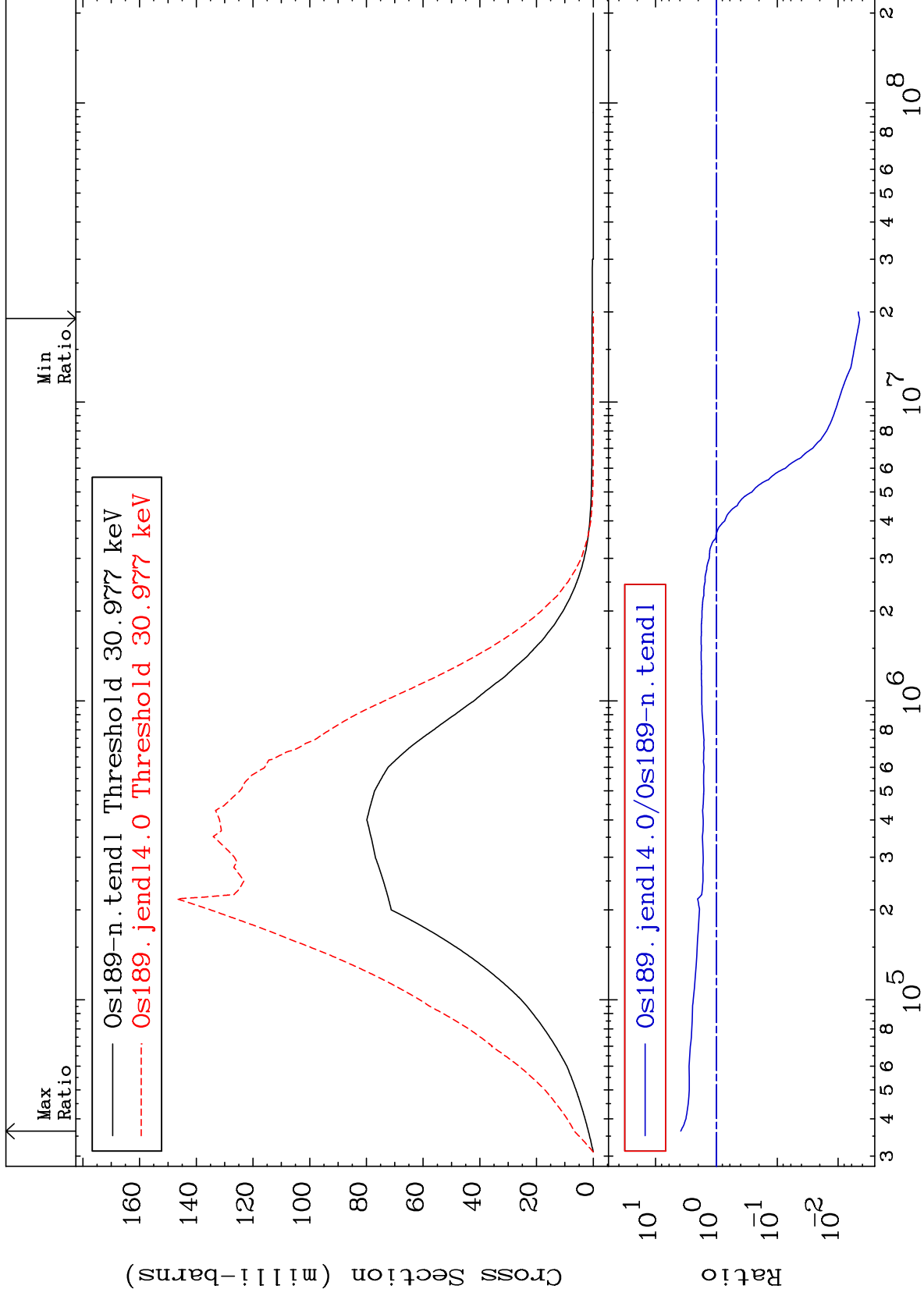
76-0s-189  
-100.0 To -77.33%



MAT 7640

30.81 keV (n,n') Level  
Cross Section

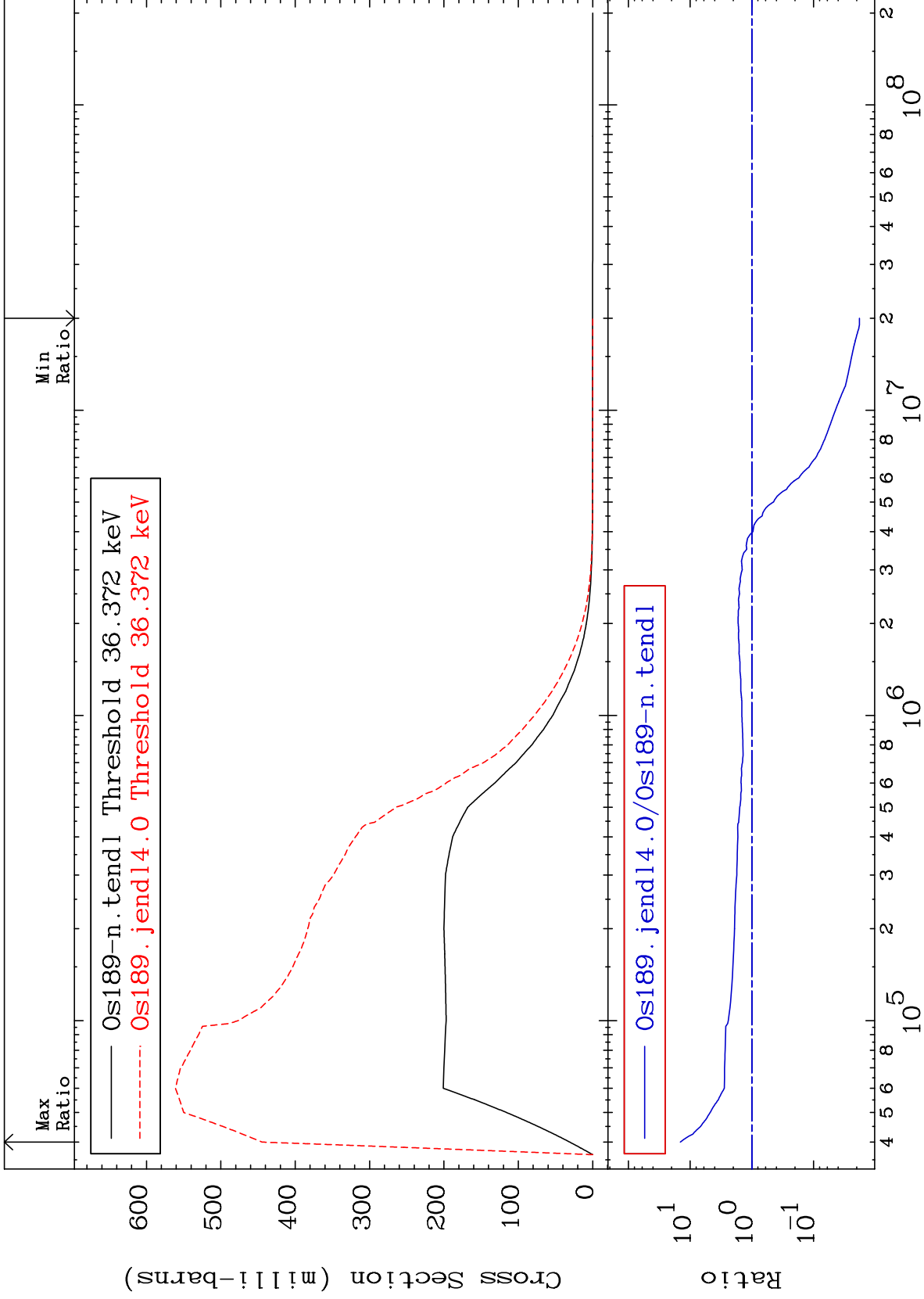
76-Os-189  
-99.55 To 285.6 %



MAT 7640

36.18 keV (n,n') Level  
Cross Section

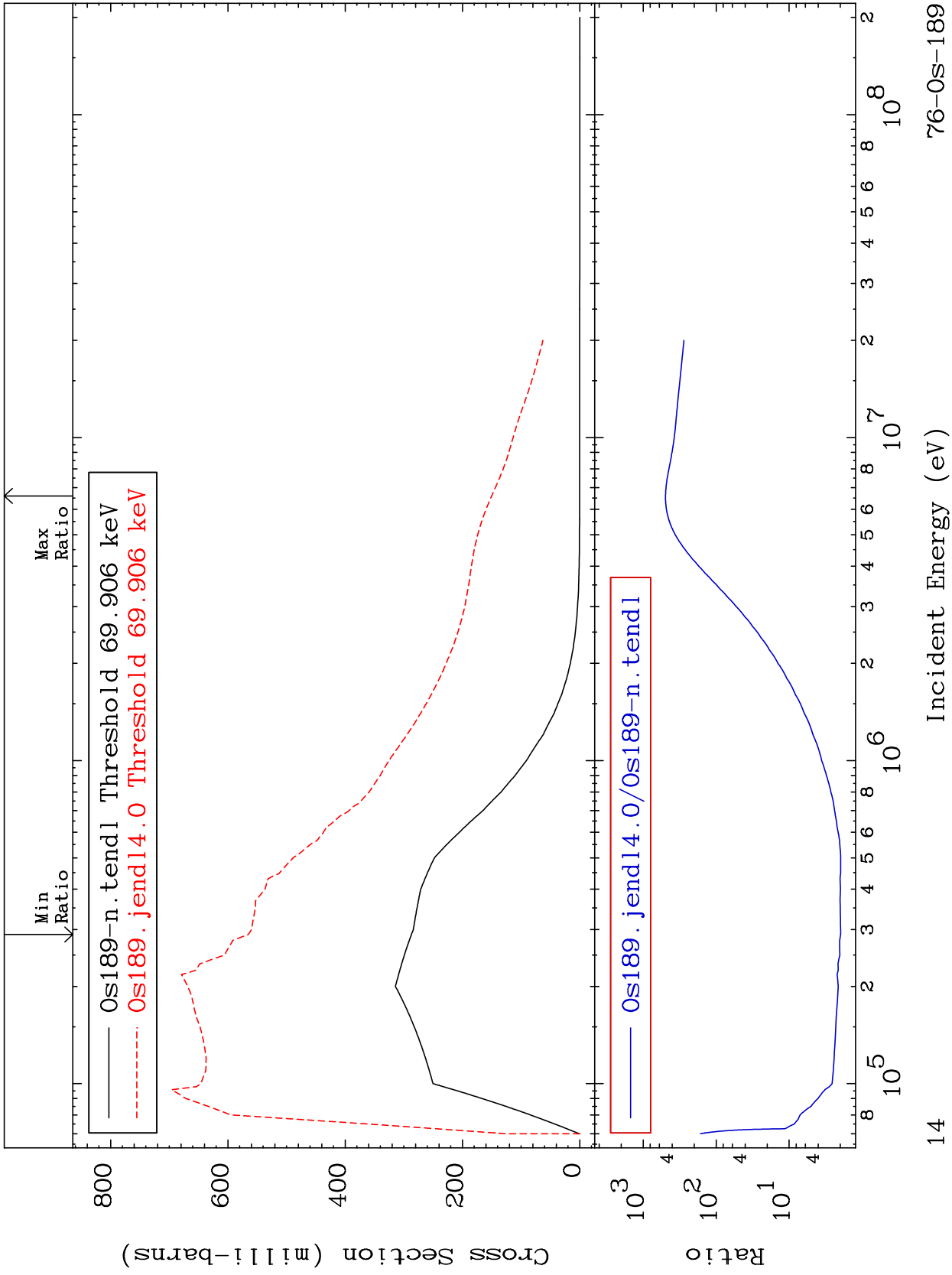
76-Os-189  
-98.19 To 1340. %



MAT 7640

69.54 keV (n,n') Level  
Cross Section

76-Os-189  
96.94 To 9999. %



14

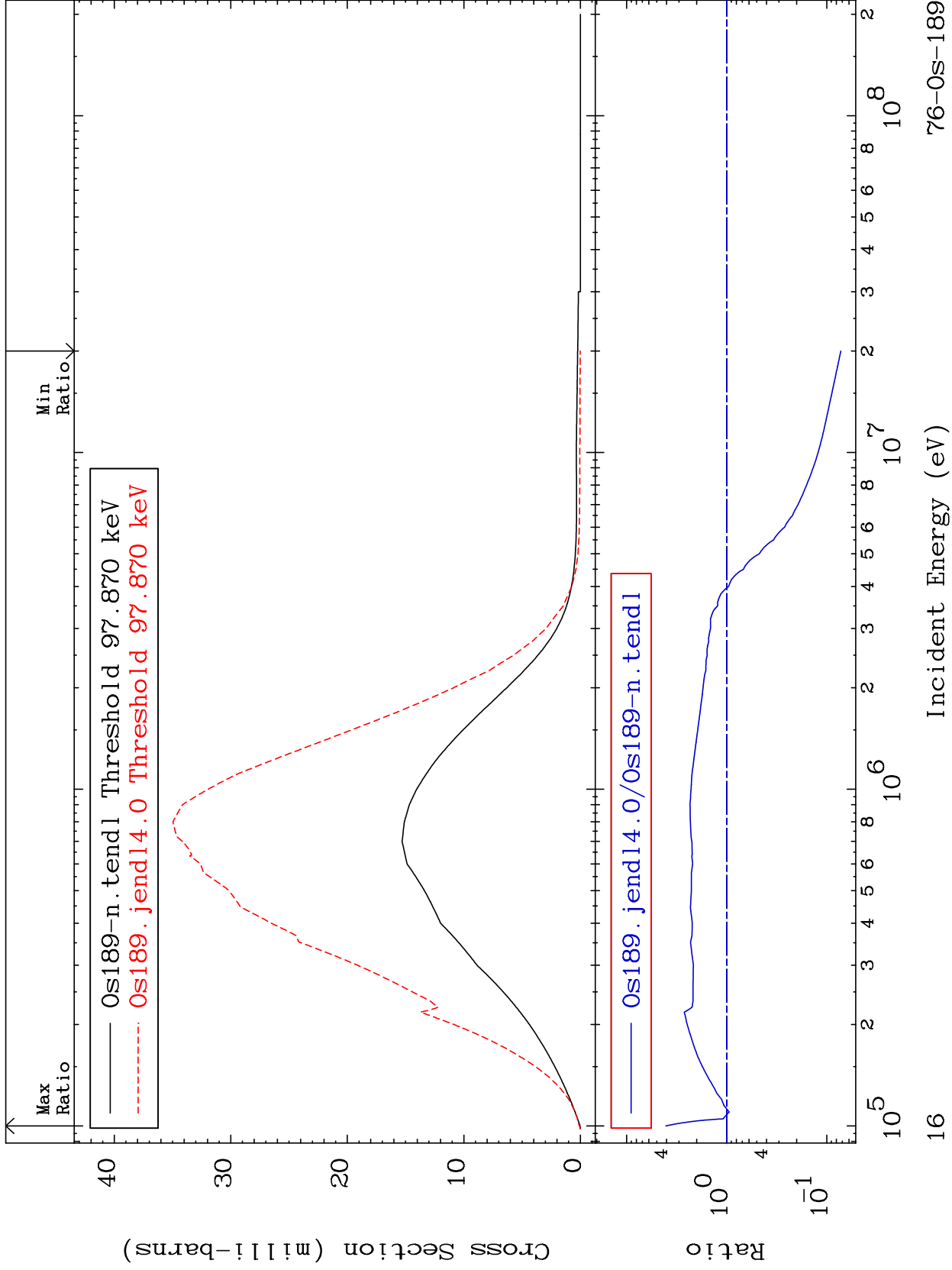
76-Os-189



MAT 7640

97.35 keV (n,n') Level  
Cross Section

76-0s-189  
-92.78 To 305.0 %

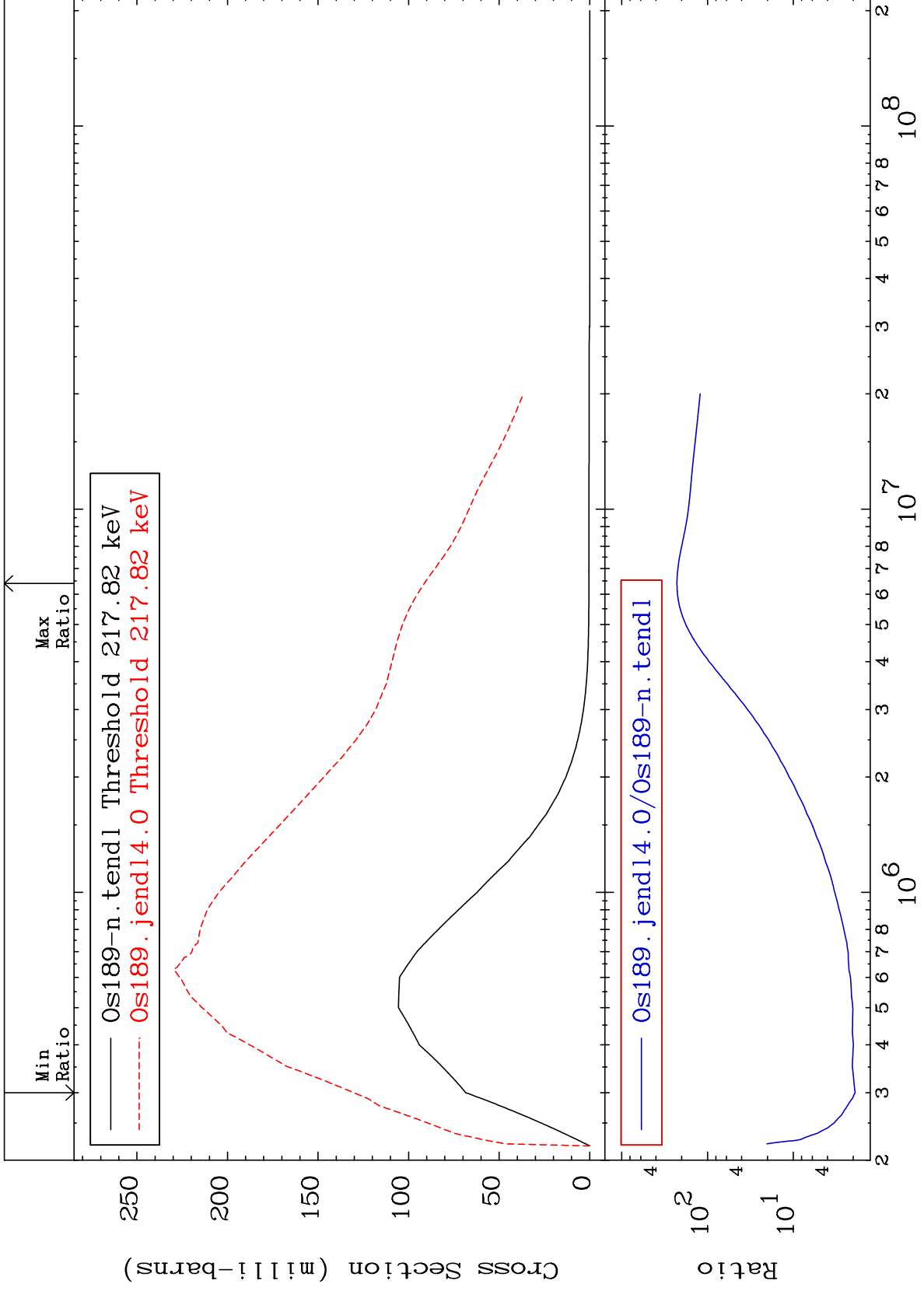




MAT 7640

216.7 keV (n,n') Level  
Cross Section

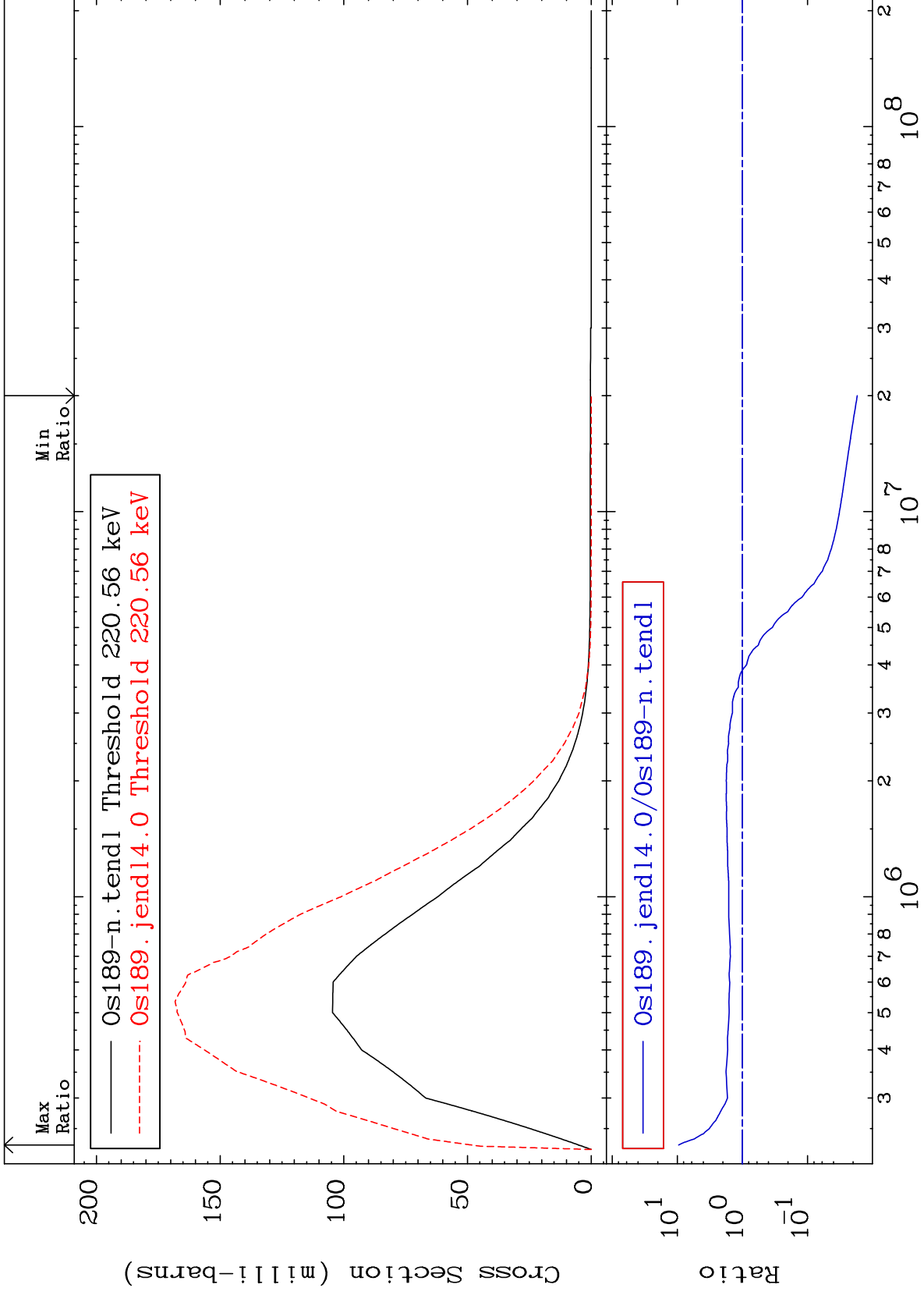
76-0s-189  
90.39 To 9999. %



MAT 7640

219.4 keV (n,n') Level  
Cross Section

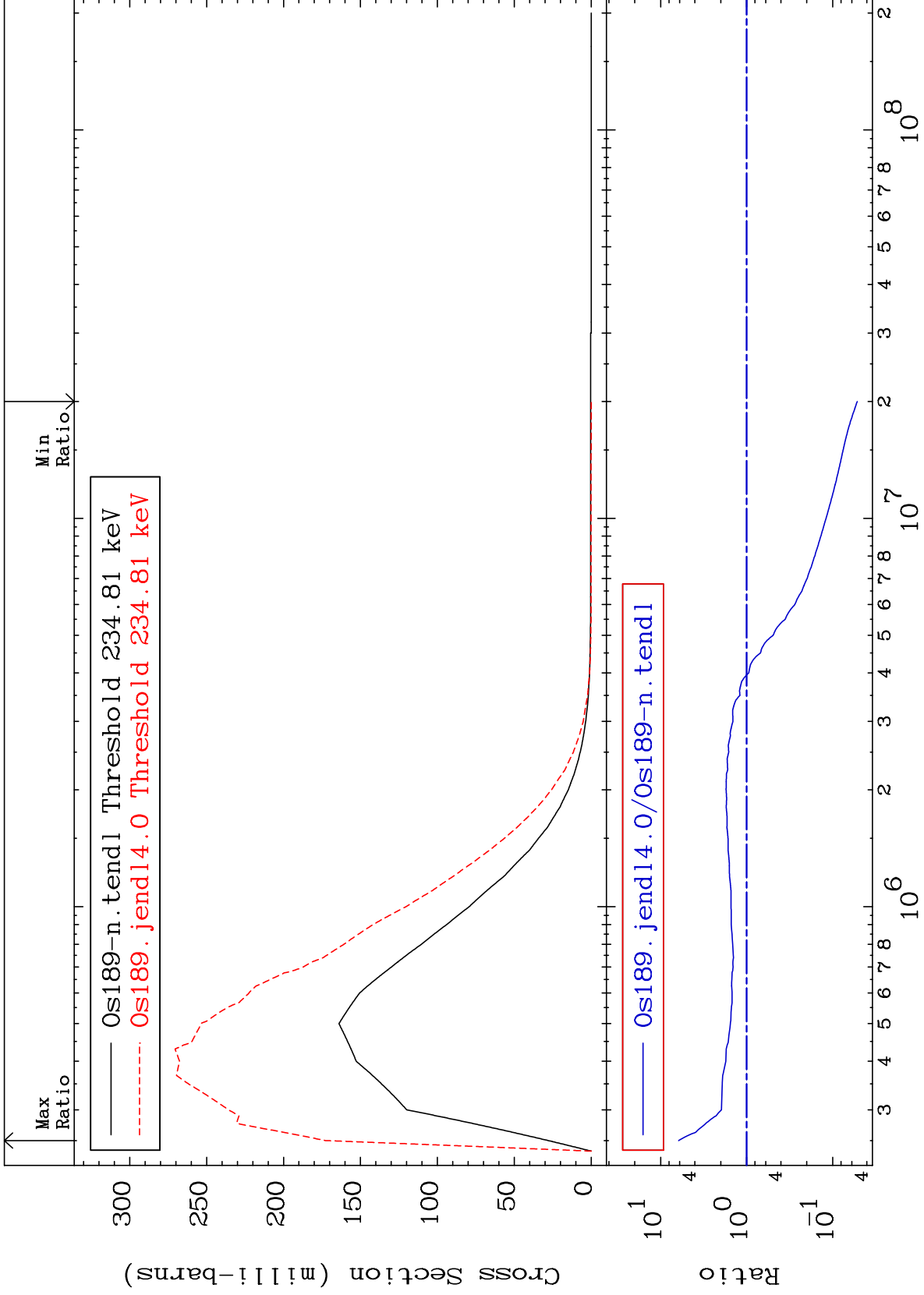
76-0s-189  
-98.27 To 854.7 %



MAT 7640

233.6 keV (n,n') Level  
Cross Section

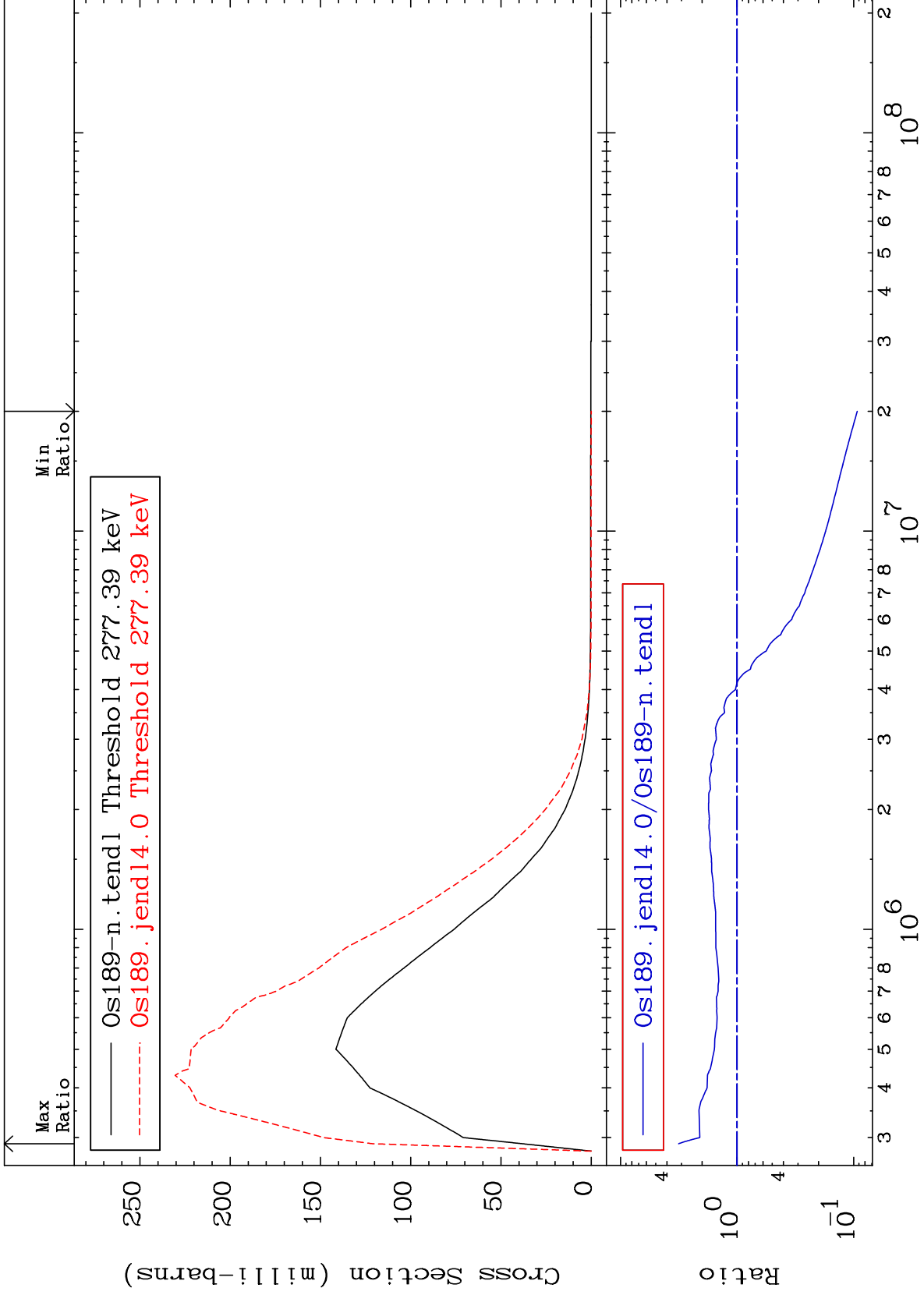
76-Os-189  
-94.82 To 517.9 %



MAT 7640

275.9 keV (n,n') Level  
Cross Section

76-0s-189  
-90.69 To 217.6 %



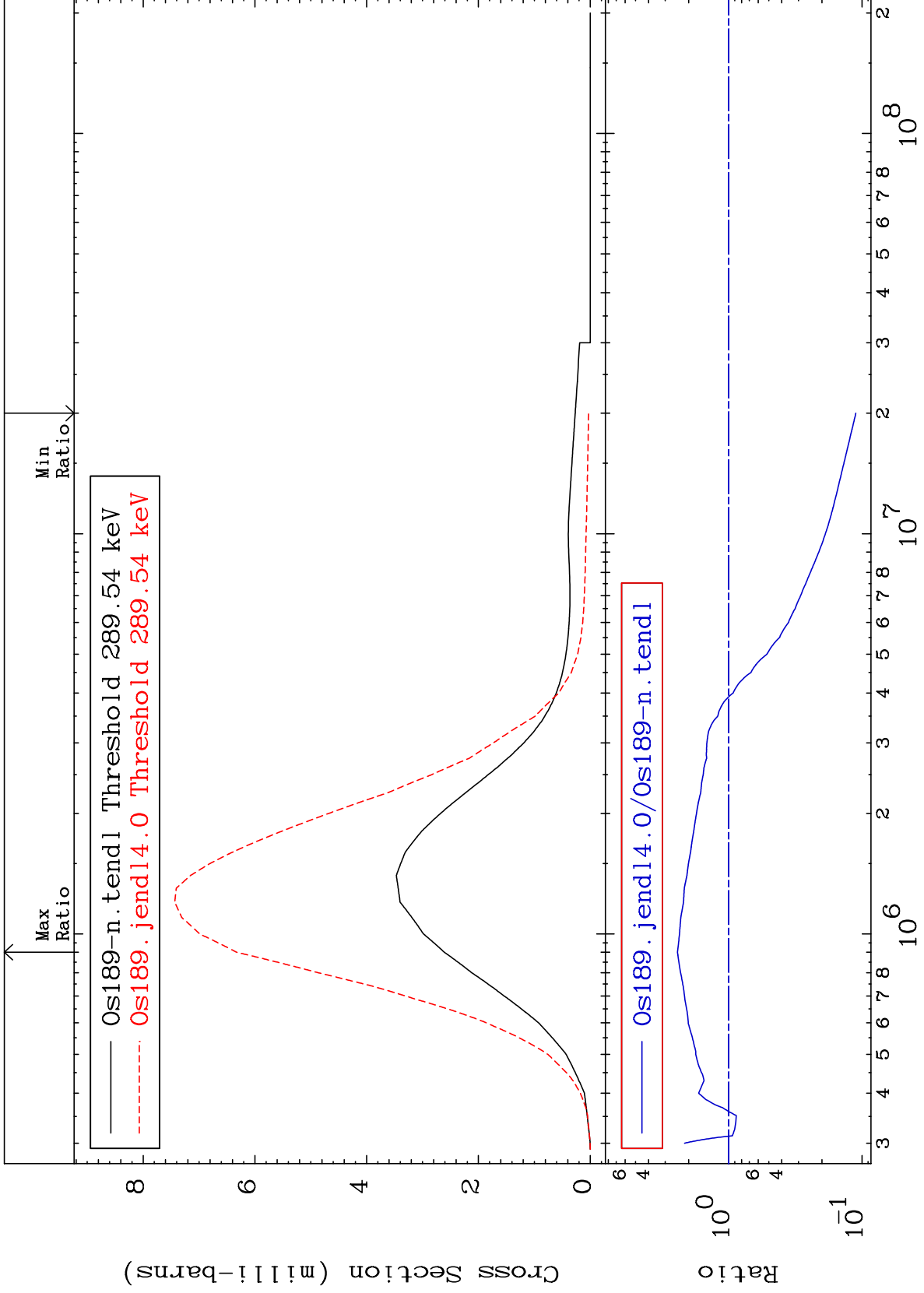
20

76-0s-189

MAT 7640

288.0 keV (n,n') Level  
Cross Section

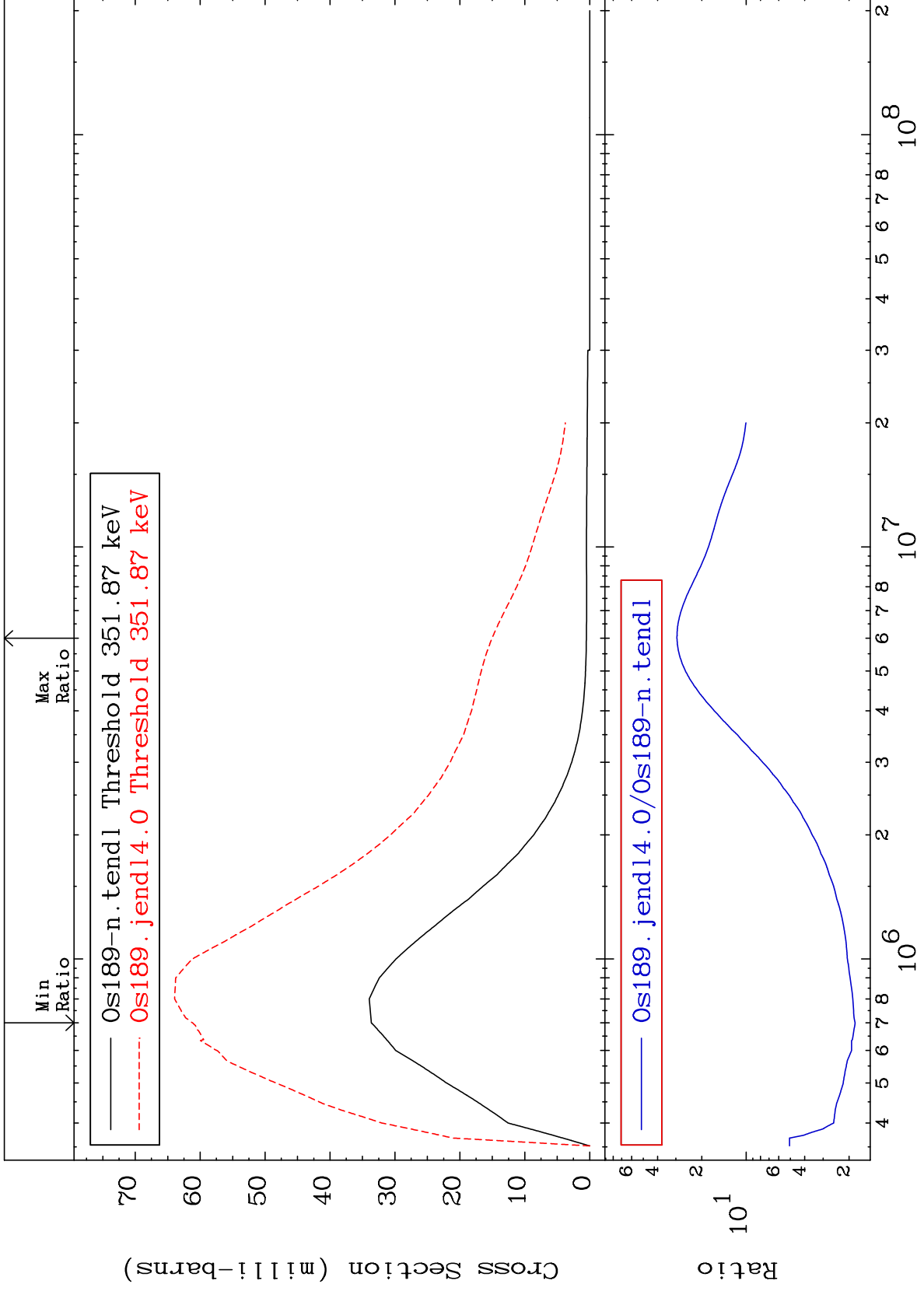
76-0s-189  
-88.88 To 142.4 %



MAT 7640

350.0 keV (n,n') Level  
Cross Section

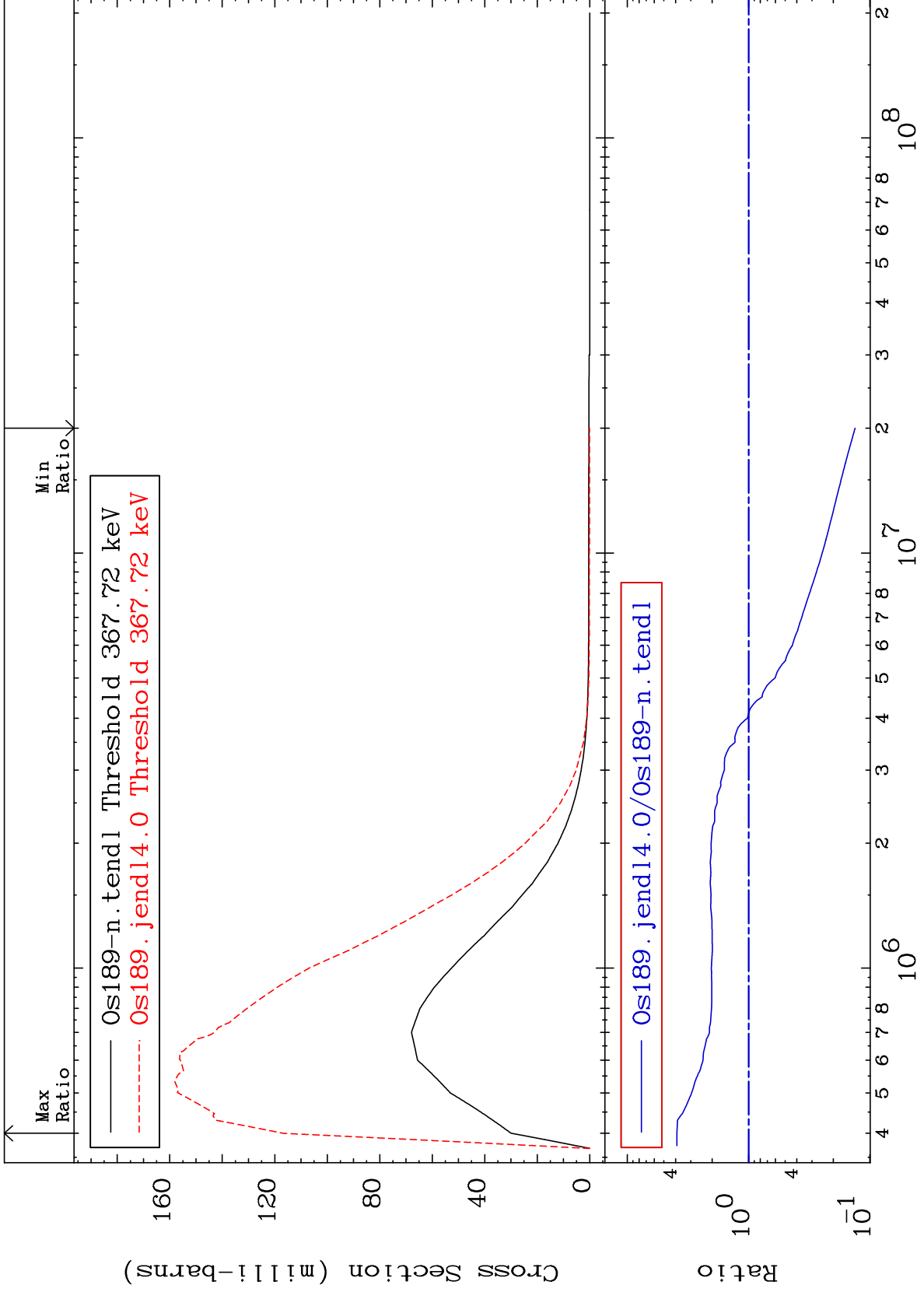
76-0s-189  
81.93 To 2851. %



MAT 7640

365.8 keV (n,n') Level  
Cross Section

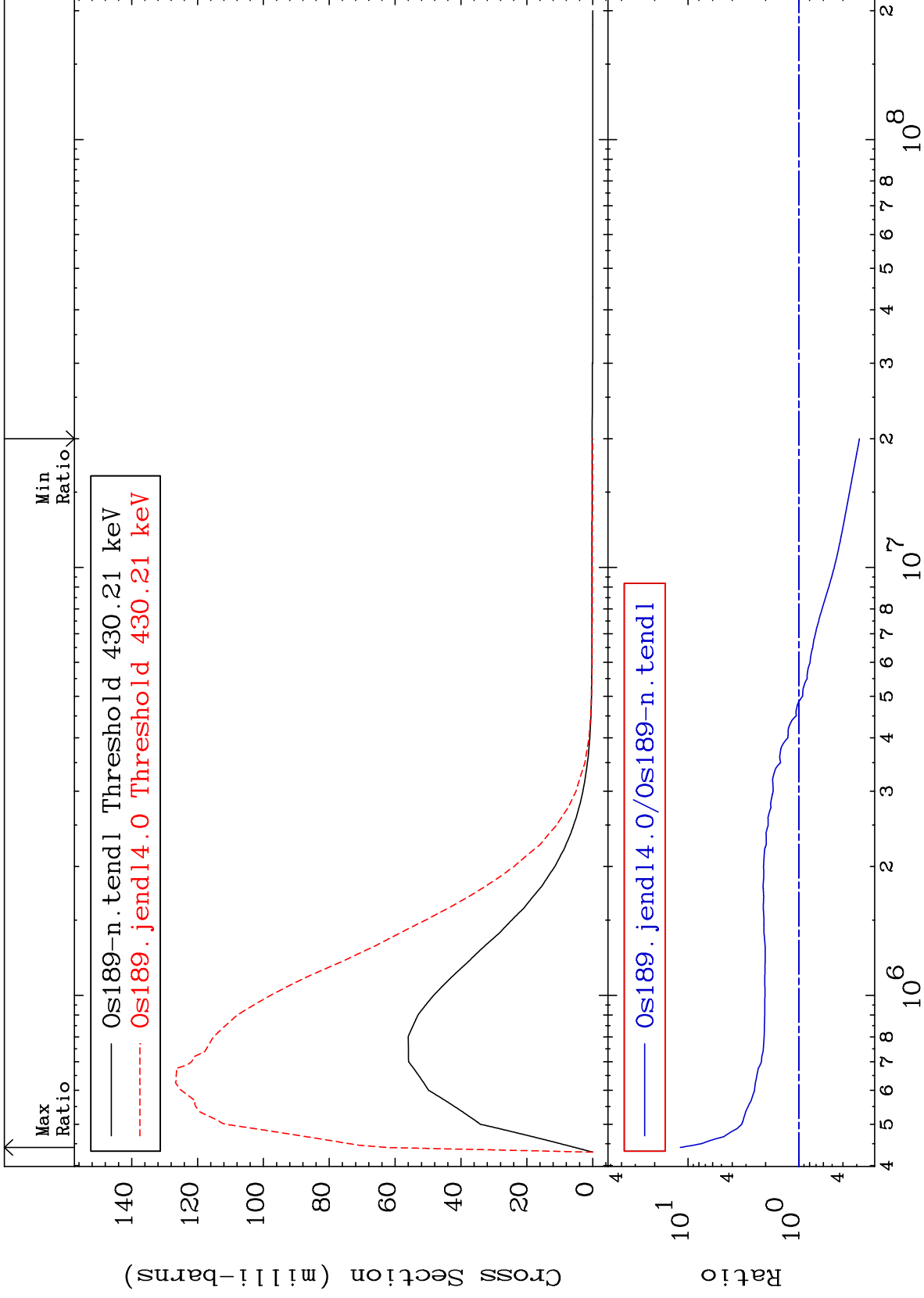
76-0s-189  
-86.76 To 290.2 %



MAT 7640

427.9 keV (n,n') Level  
Cross Section

76-0s-189  
-71.62 To 1074. %



24

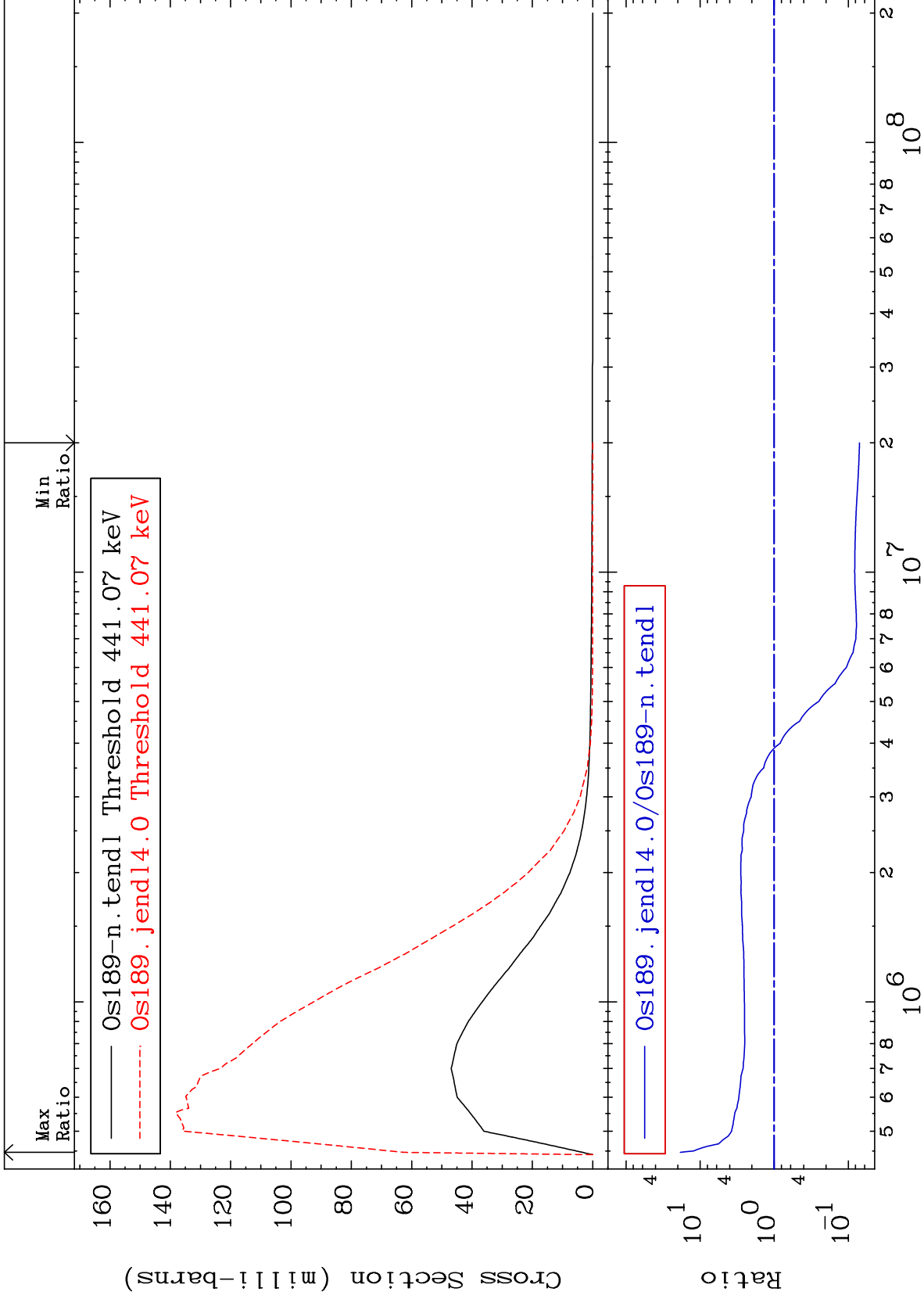
76-0s-189



MAT 7640

438.7 keV (n,n') Level  
Cross Section

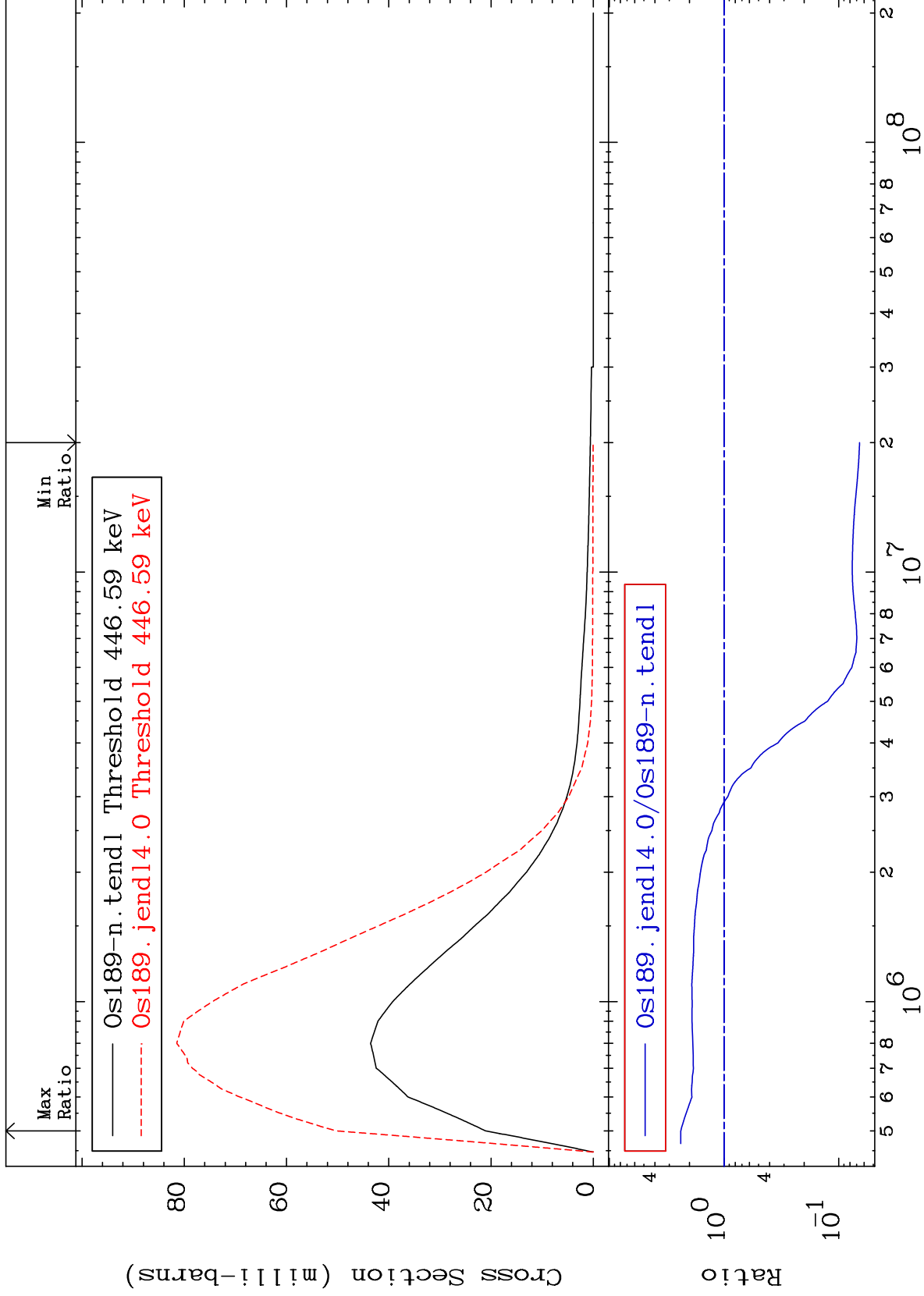
76-Os-189  
-92.93 To 1750. %



MAT 7640

444.2 keV (n,n') Level  
Cross Section

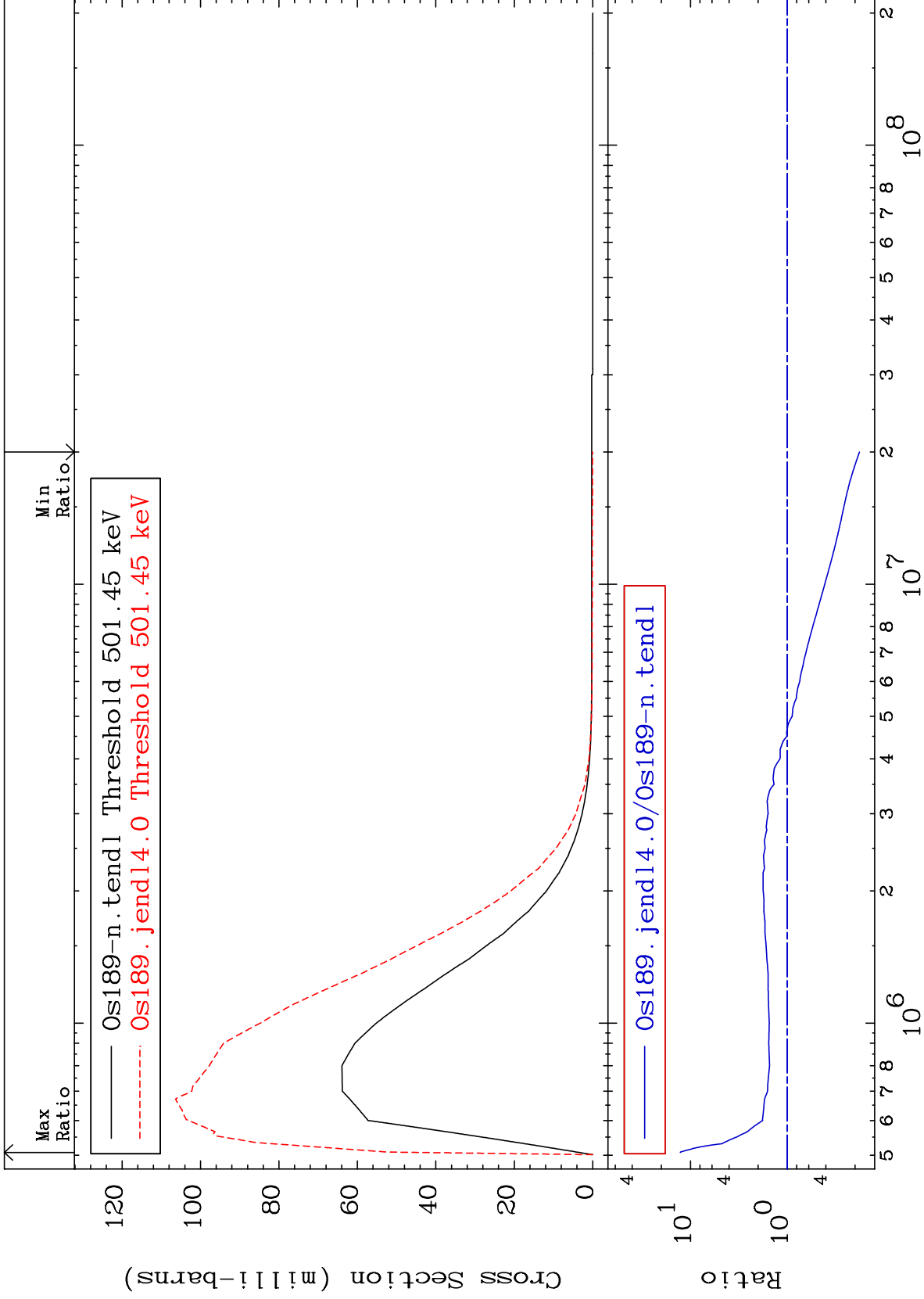
76-Os-189  
-93.41 To 138.4 %



MAT 7640

498.8 keV (n,n') Level  
Cross Section

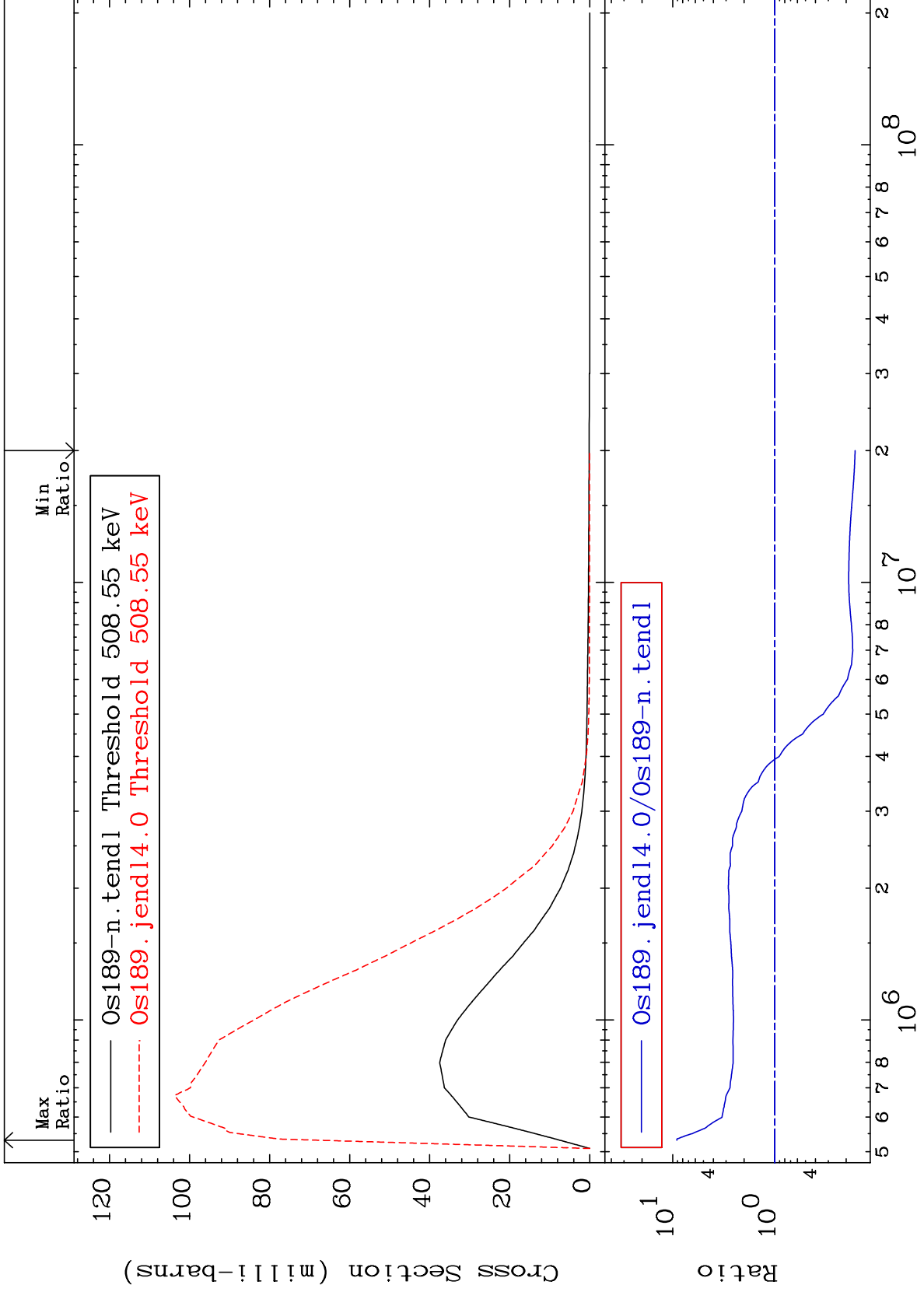
76-0s-189  
-82.02 To 1173. %



MAT 7640

505.8 keV (n,n') Level  
Cross Section

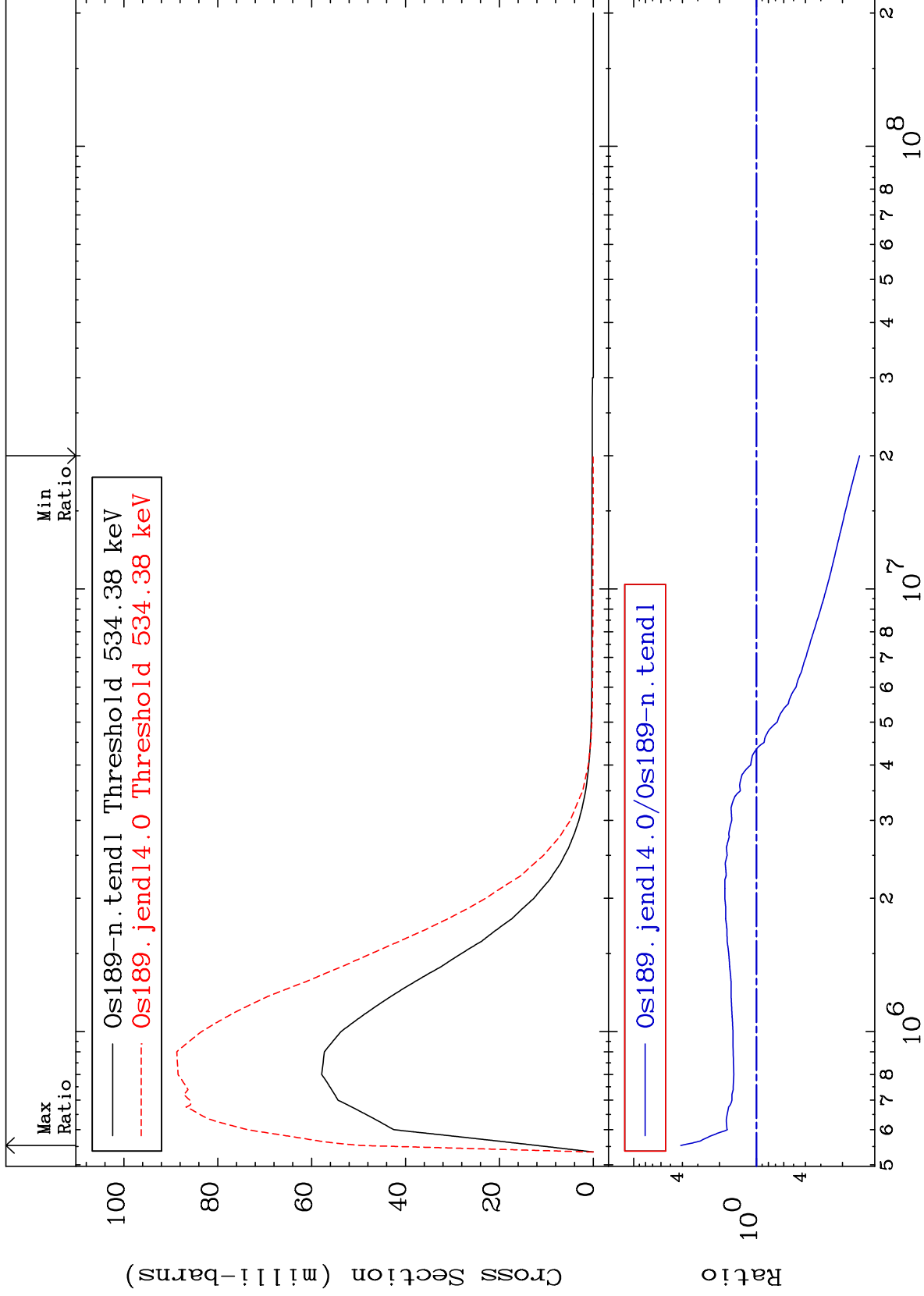
76-0s-189  
-83.63 To 810.6 %



MAT 7640

531.5 keV (n,n') Level  
Cross Section

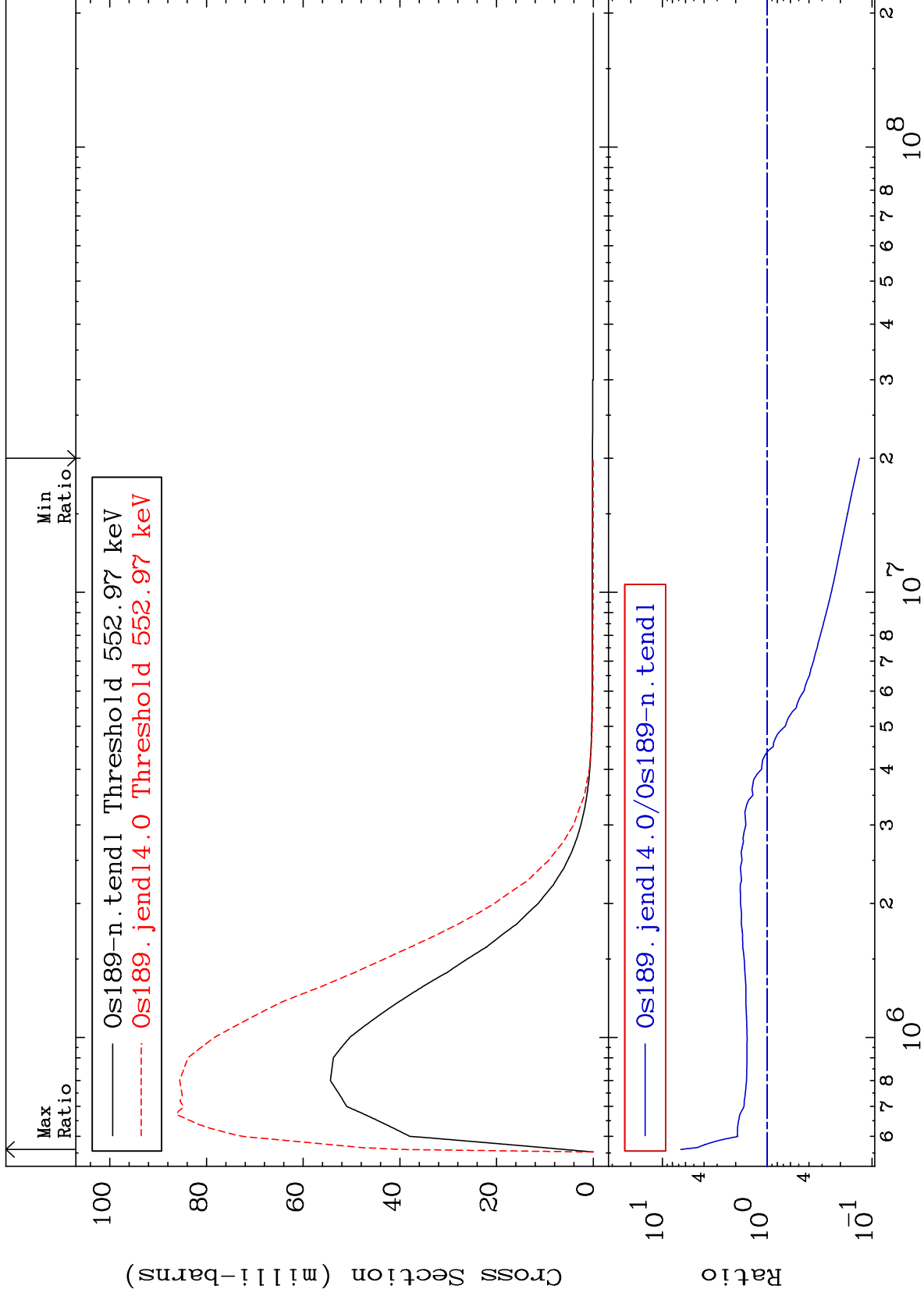
76-0s-189  
-85.50 To 313.1 %



MAT 7640

550.0 keV (n,n') Level  
Cross Section

76-0s-189  
-86.86 To 567.1 %



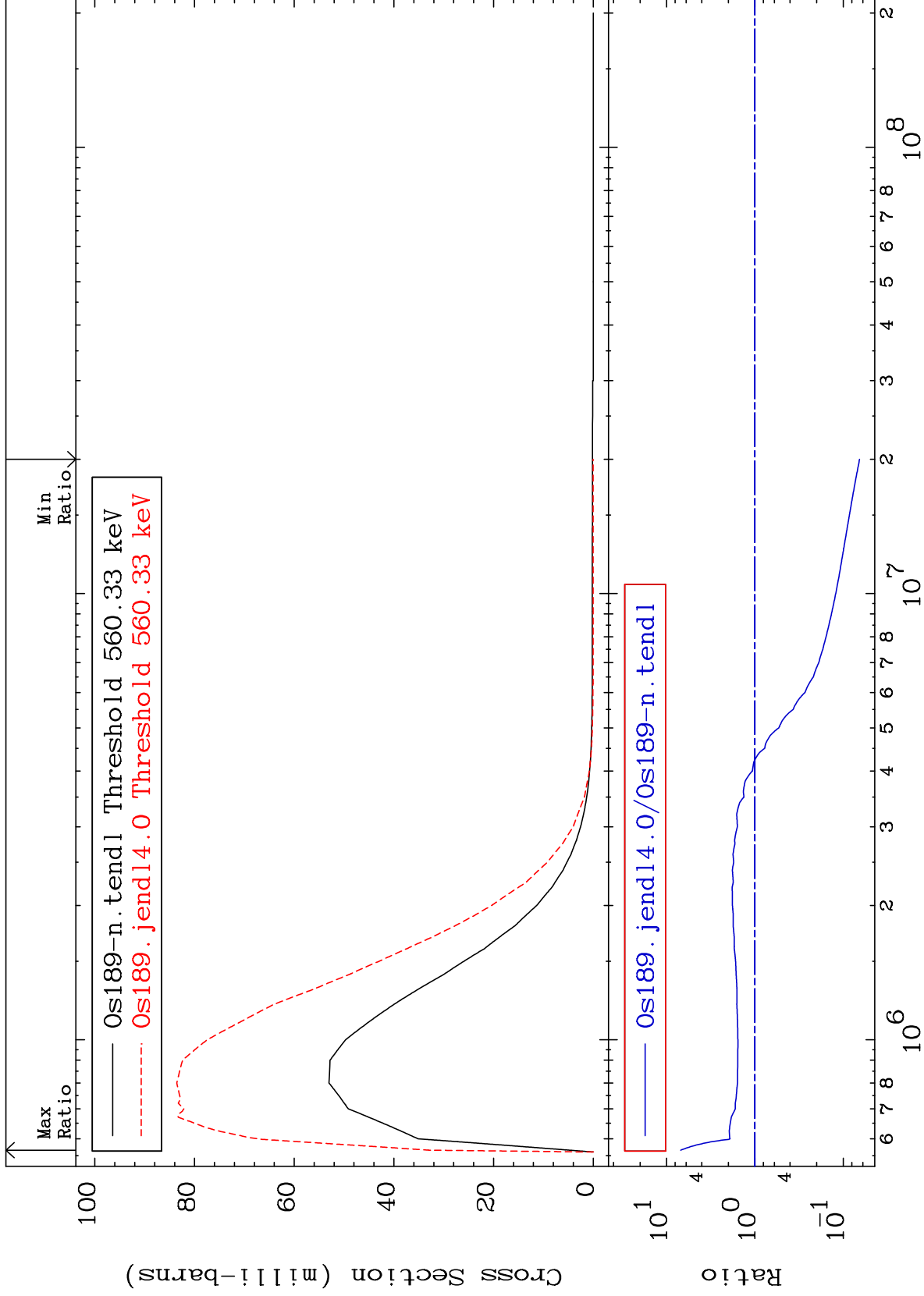
30

76-0s-189

MAT 7640

557.4 keV (n,n') Level  
Cross Section

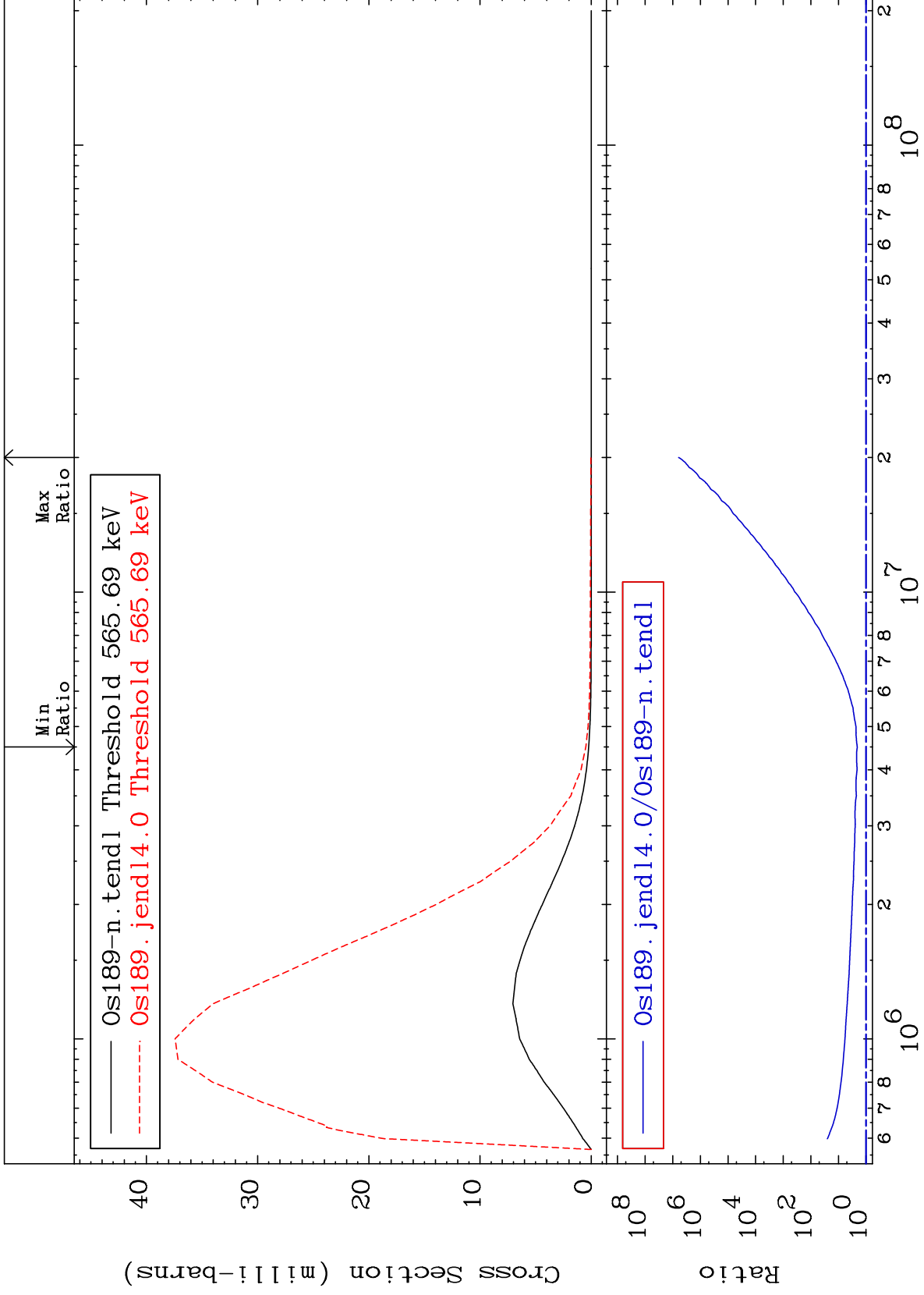
76-Os-189  
-93.47 To 591.3 %



MAT 7640

562.7 keV (n,n') Level  
Cross Section

76-0s-189  
108.7 To 9999. %

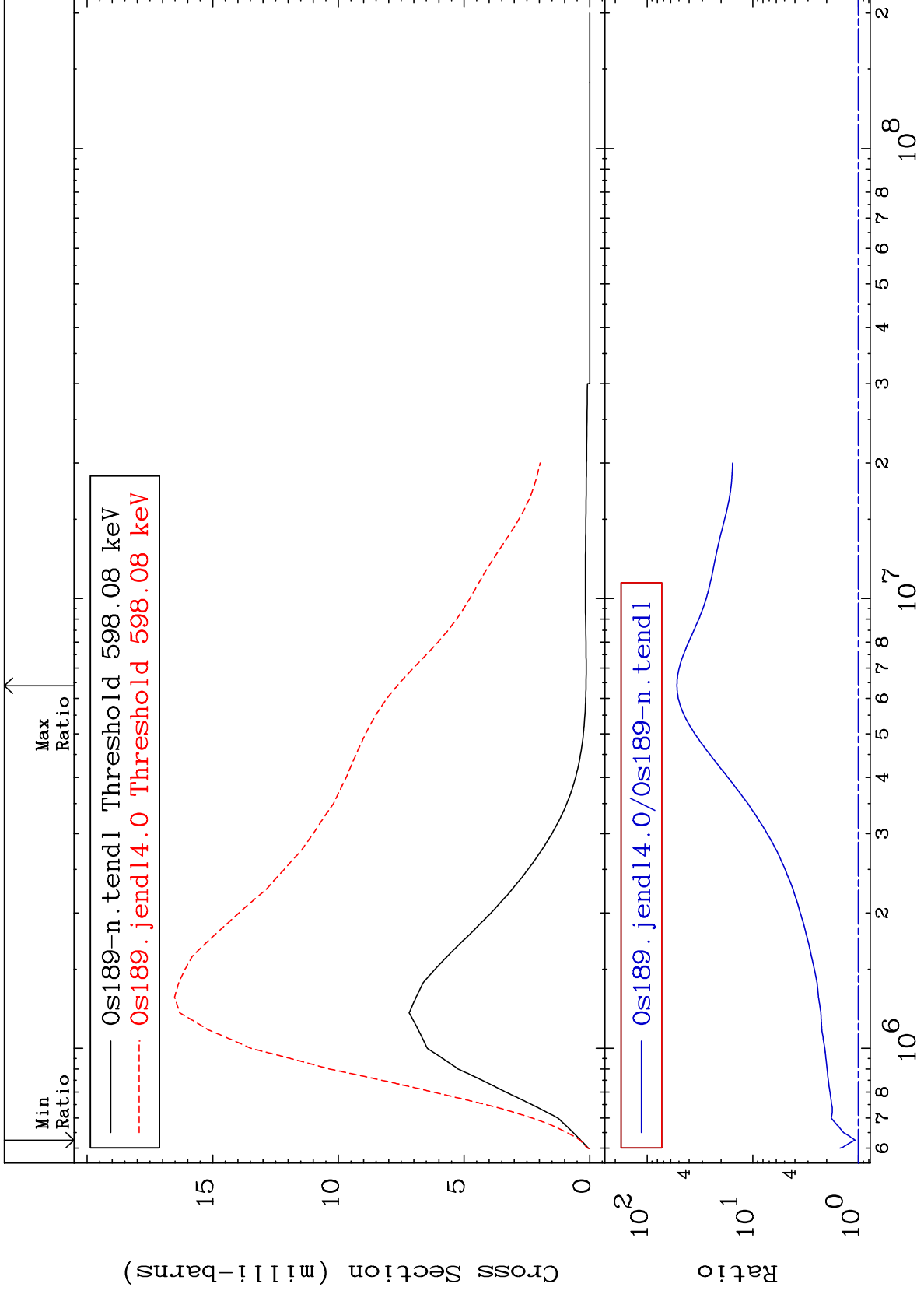




MAT 7640

594.9 keV (n,n') Level  
Cross Section

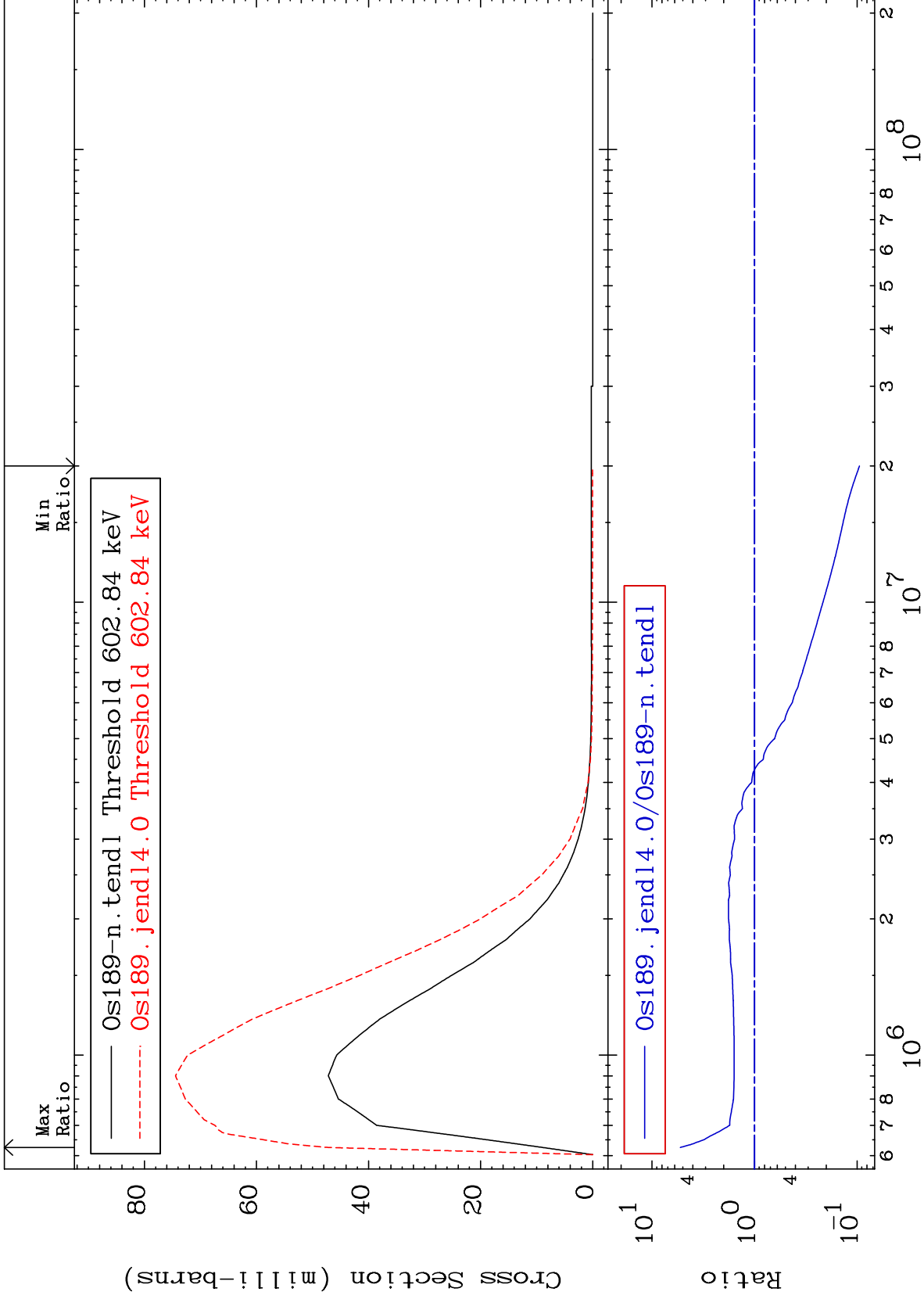
76-0s-189  
7.696 To 5128. %



MAT 7640

599.6 keV (n,n') Level  
Cross Section

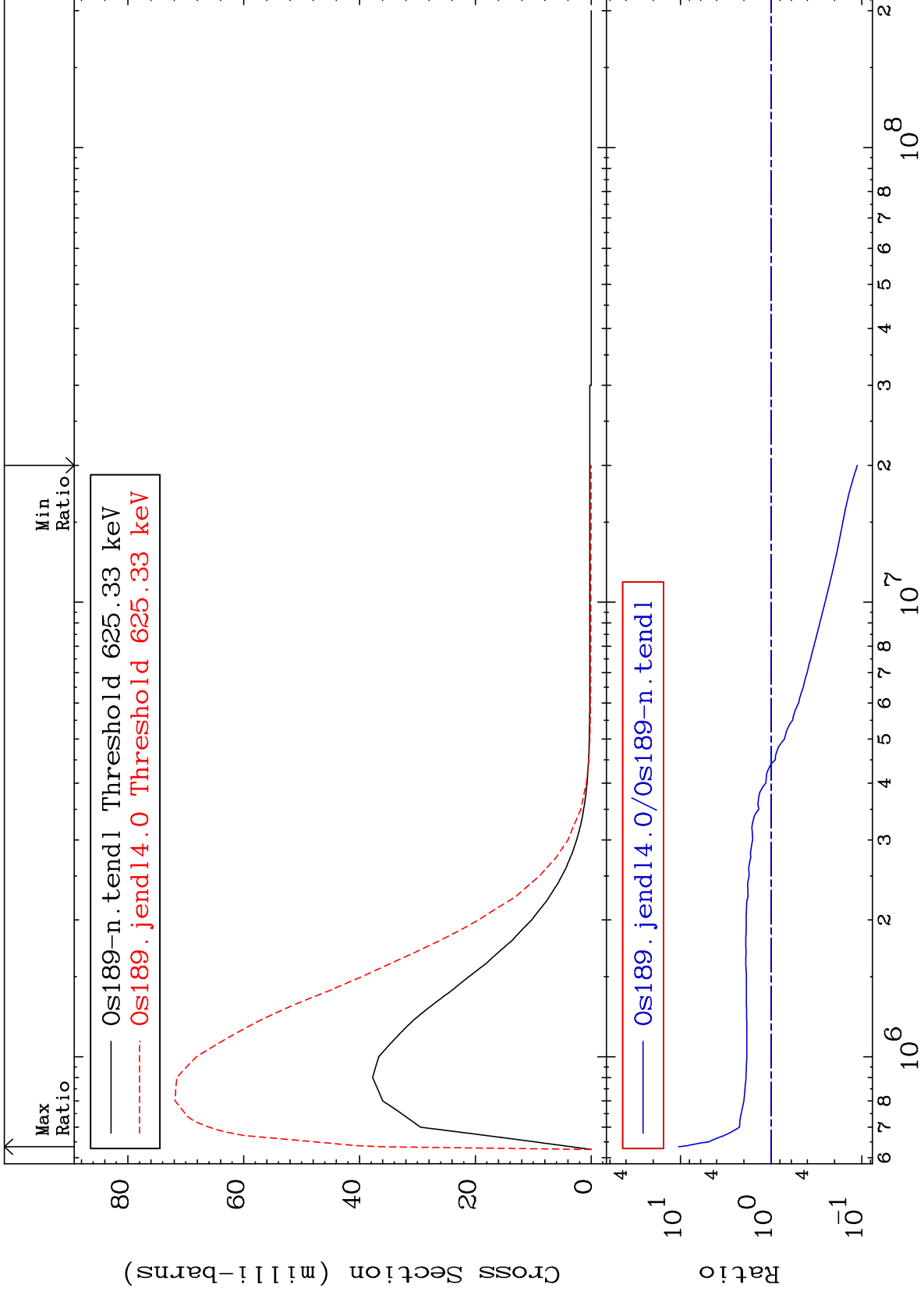
76-Os-189  
-90.52 To 428.6 %



MAT 7640

622.0 keV (n,n') Level  
Cross Section

76-Os-189  
-88.77 To 949.2 %



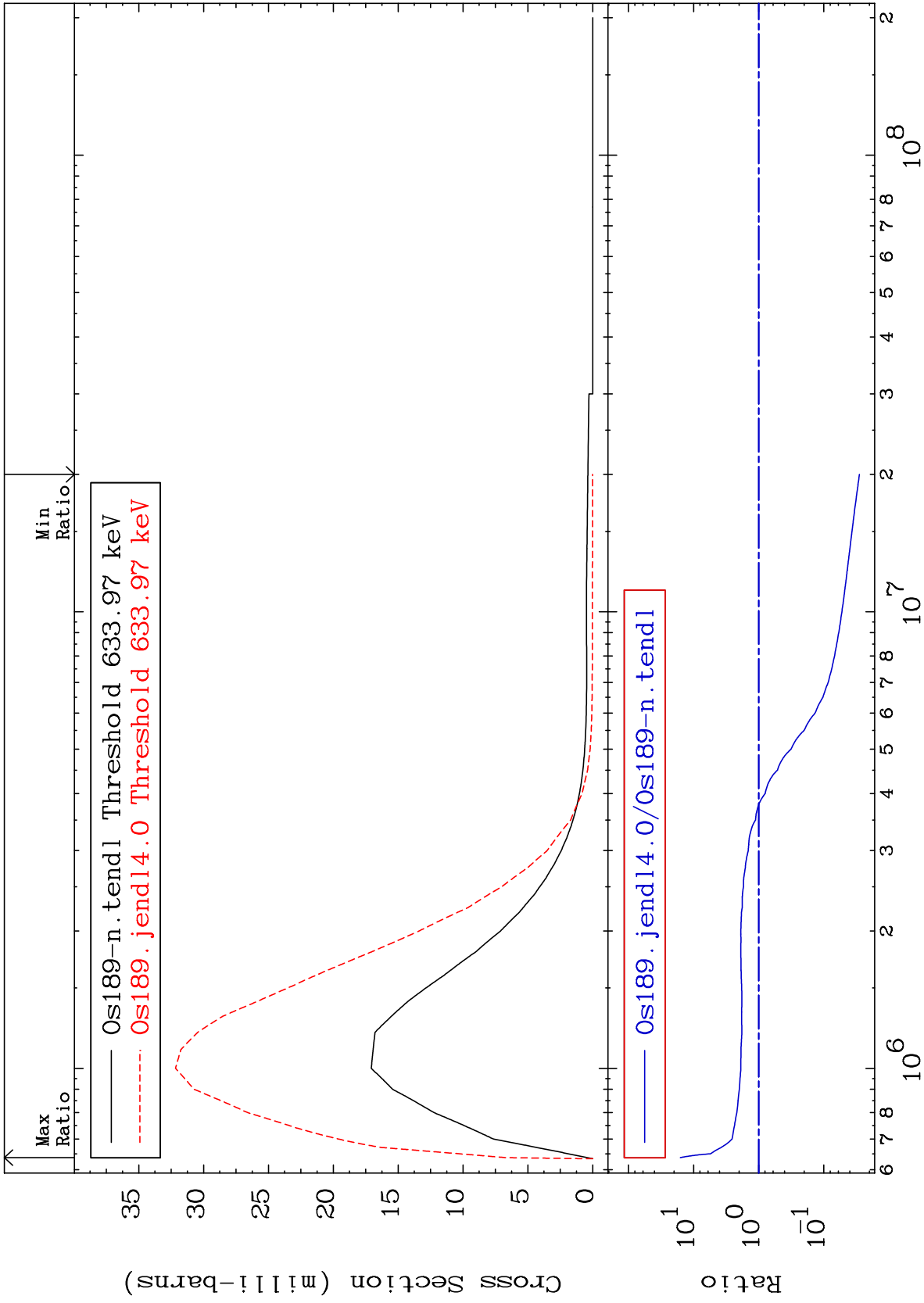
35

76-Os-189

MAT 7640

630.6 keV (n,n') Level  
Cross Section

76-Os-189  
-97.16 To 1497. %



36

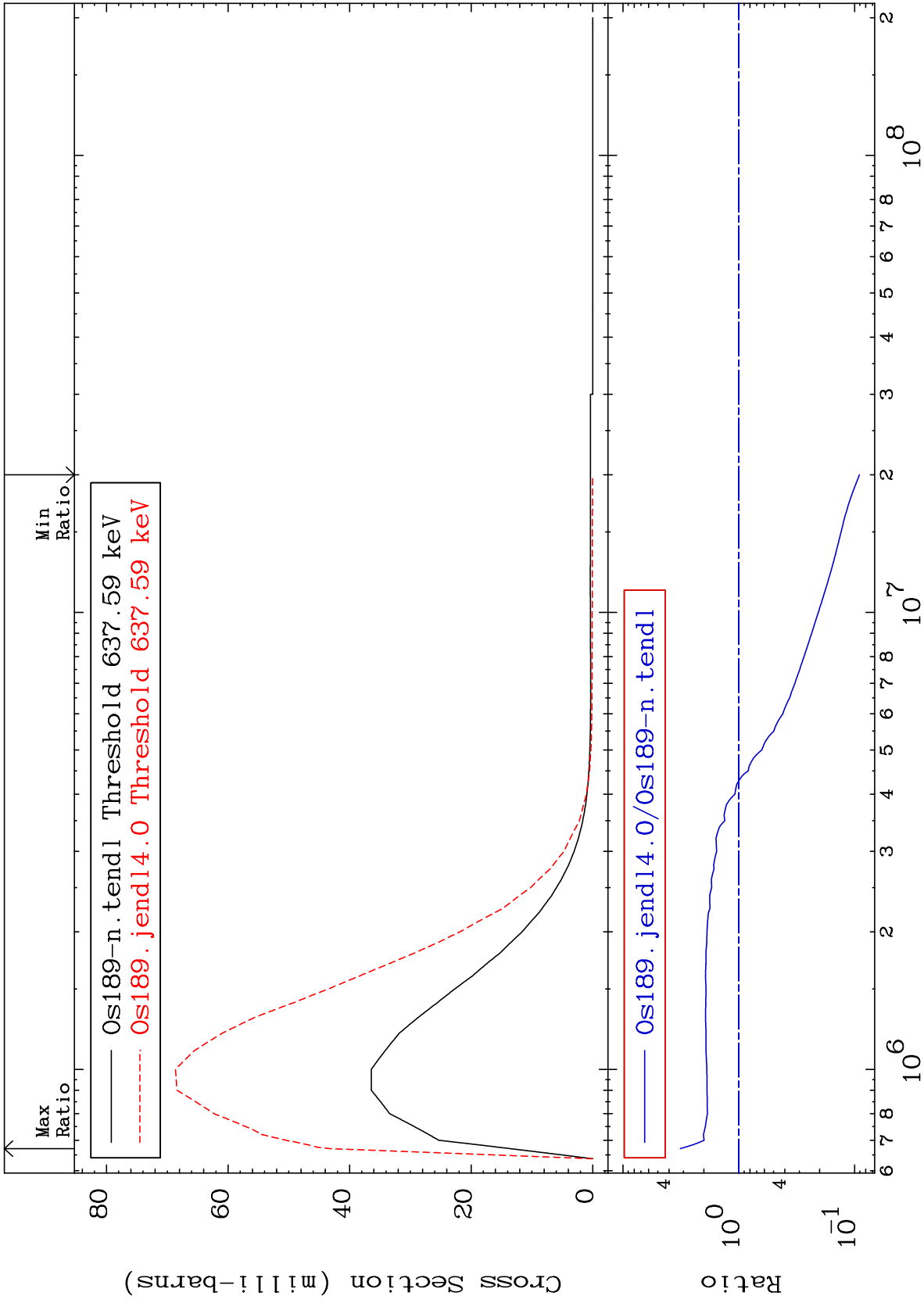
Incident Energy (eV)

76-Os-189

MAT 7640

634.2 keV (n,n') Level  
Cross Section

76-0s-189  
-90.93 To 219.2 %



37

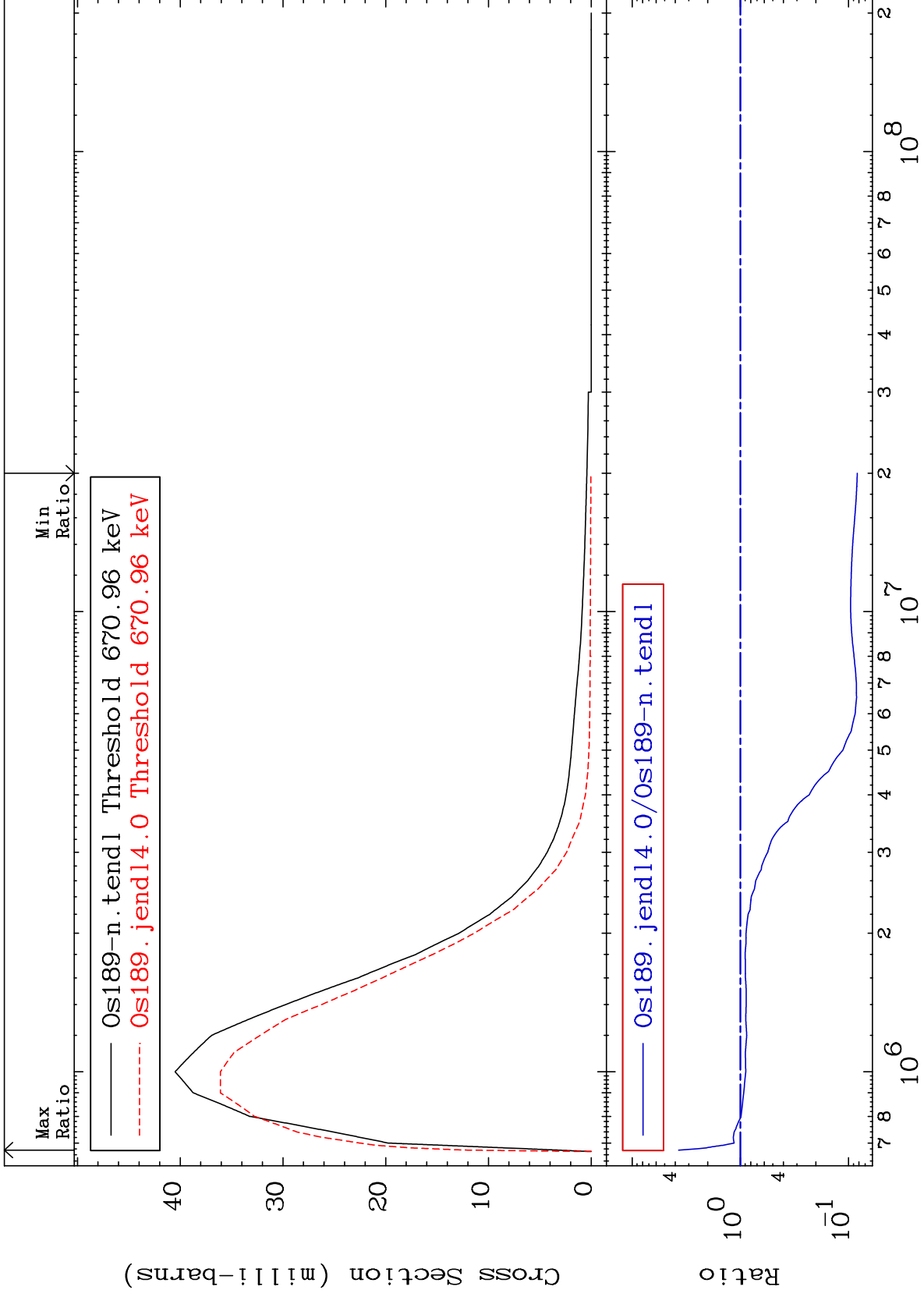
Incident Energy (eV)

76-0s-189

MAT 7640

667.4 keV (n,n') Level  
Cross Section

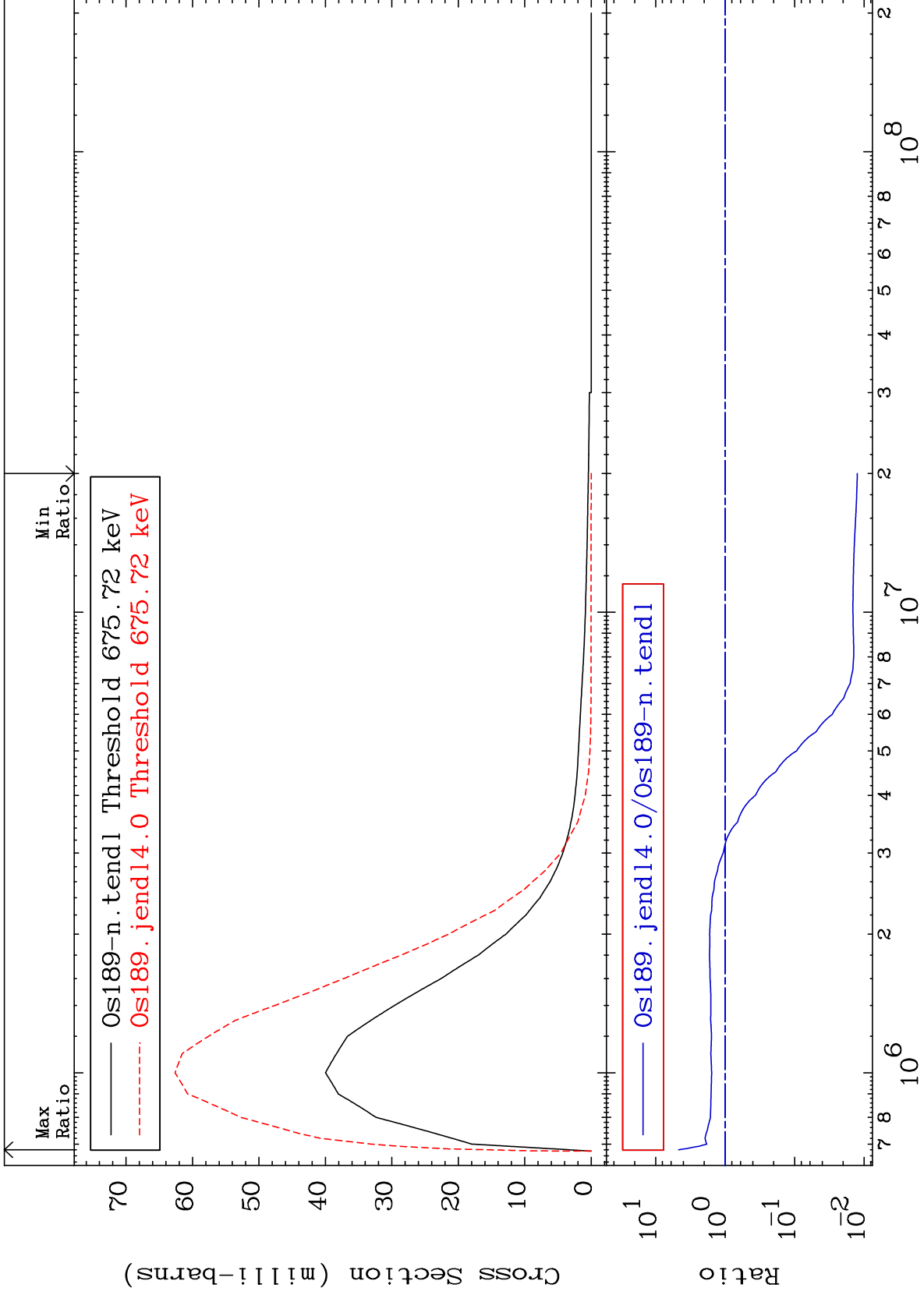
76-Os-189  
-91.70 To 271.5 %



MAT 7640

672.1 keV (n,n') Level  
Cross Section

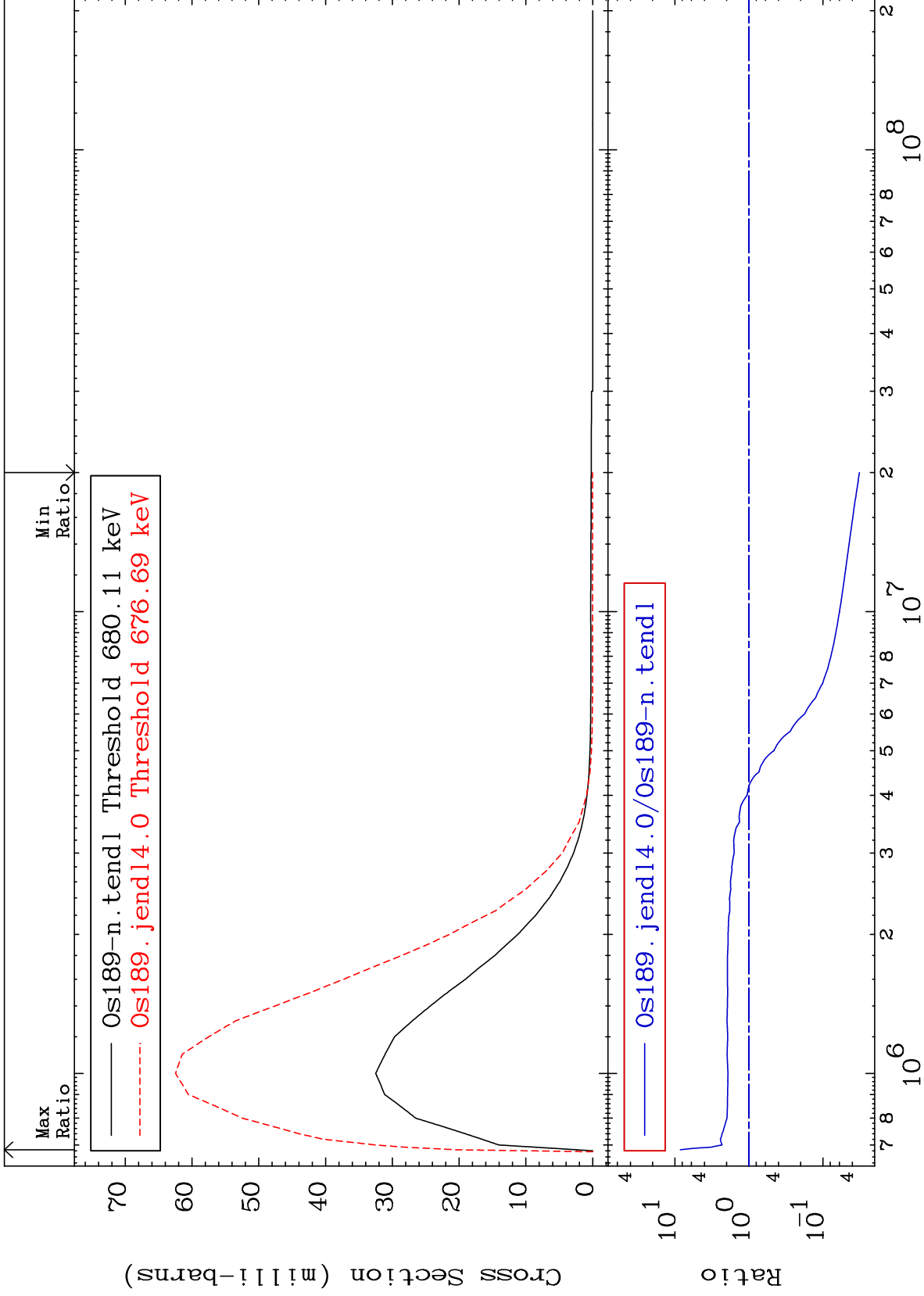
76-0s-189  
-98.74 To 367.4 %



MAT 7640

676.5 keV (n,n') Level  
Cross Section

76-0s-189  
-96.78 To 745.5 %



40

Incident Energy (eV)

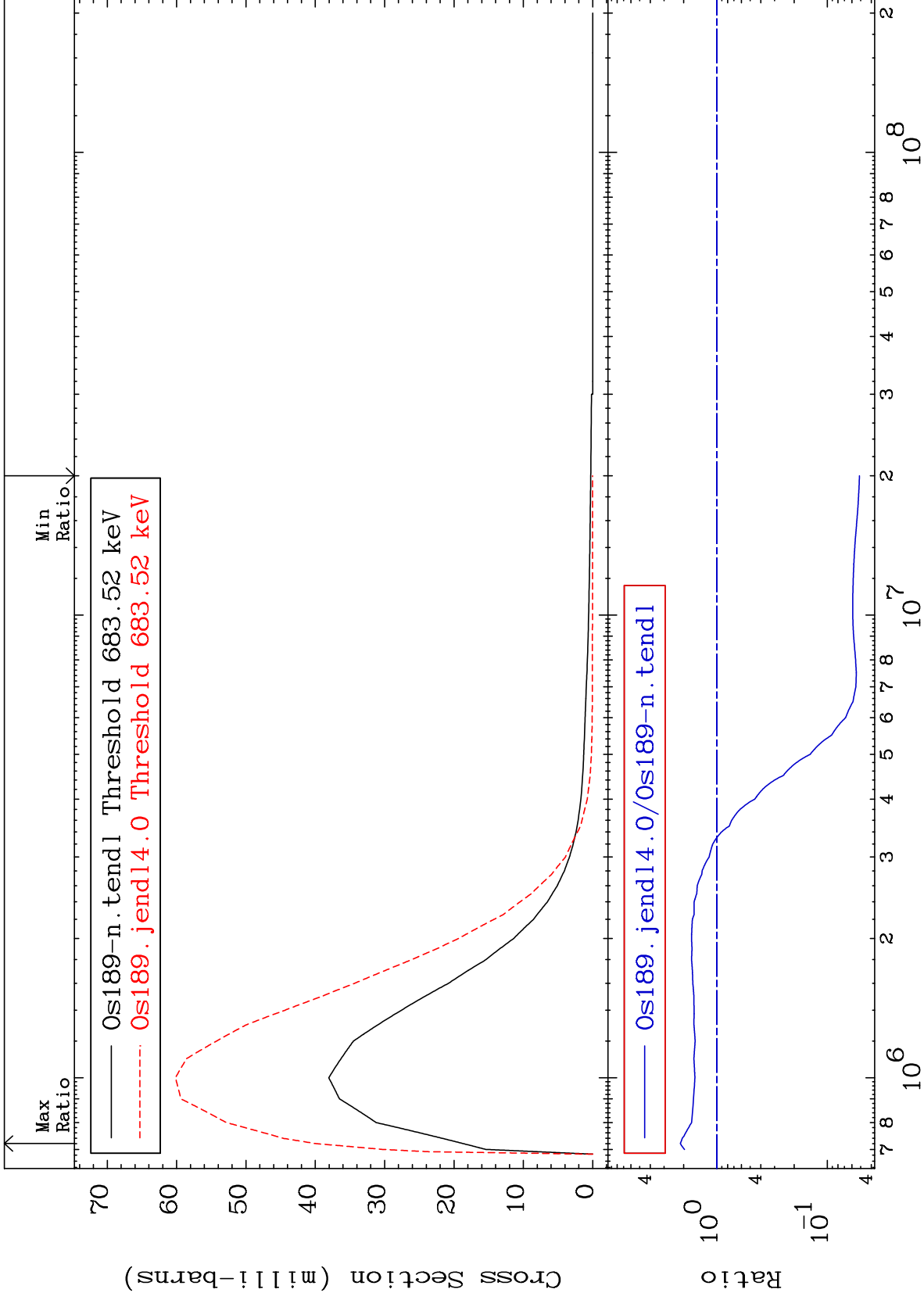
76-0s-189



MAT 7640

679.9 keV (n,n') Level  
Cross Section

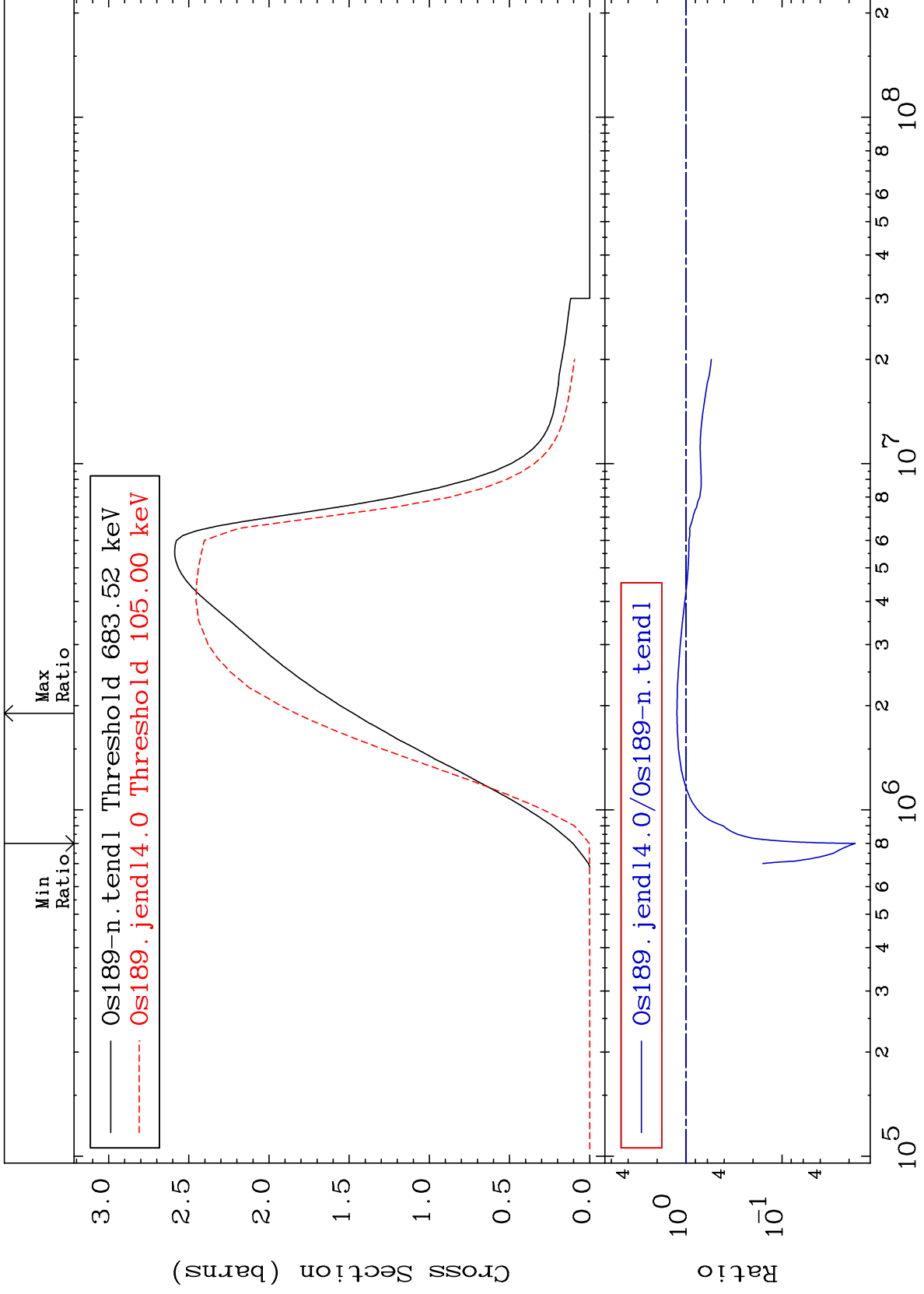
76-0s-189  
-94.88 To 114.0 %



MAT 7640

(n, n') Continuum  
Cross Section

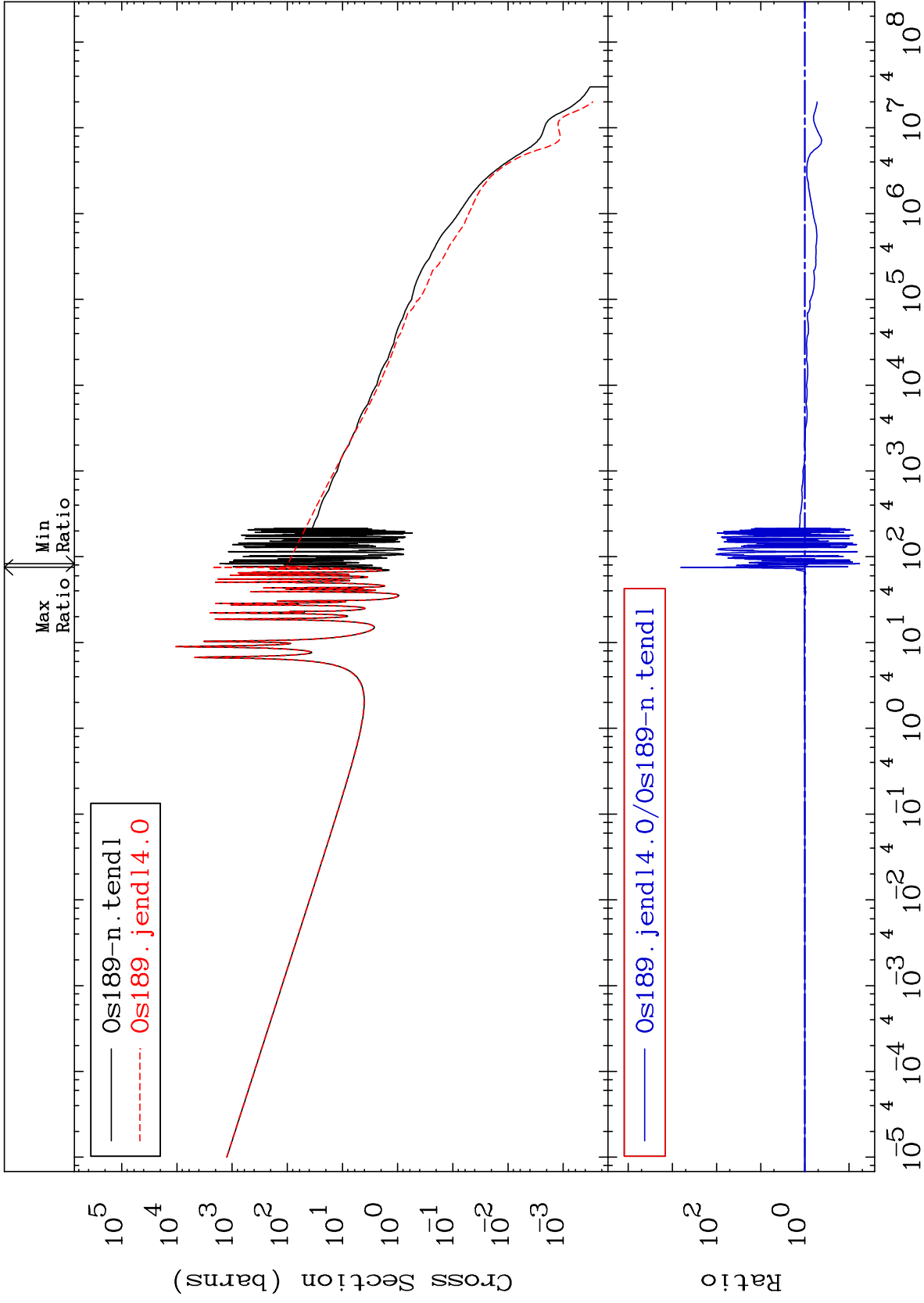
76-0s-189  
-98.27 To 24.26 %



MAT 7640

(n,  $\gamma$ )  
Cross Section

76-0s-189  
-94.19 To 9999. %



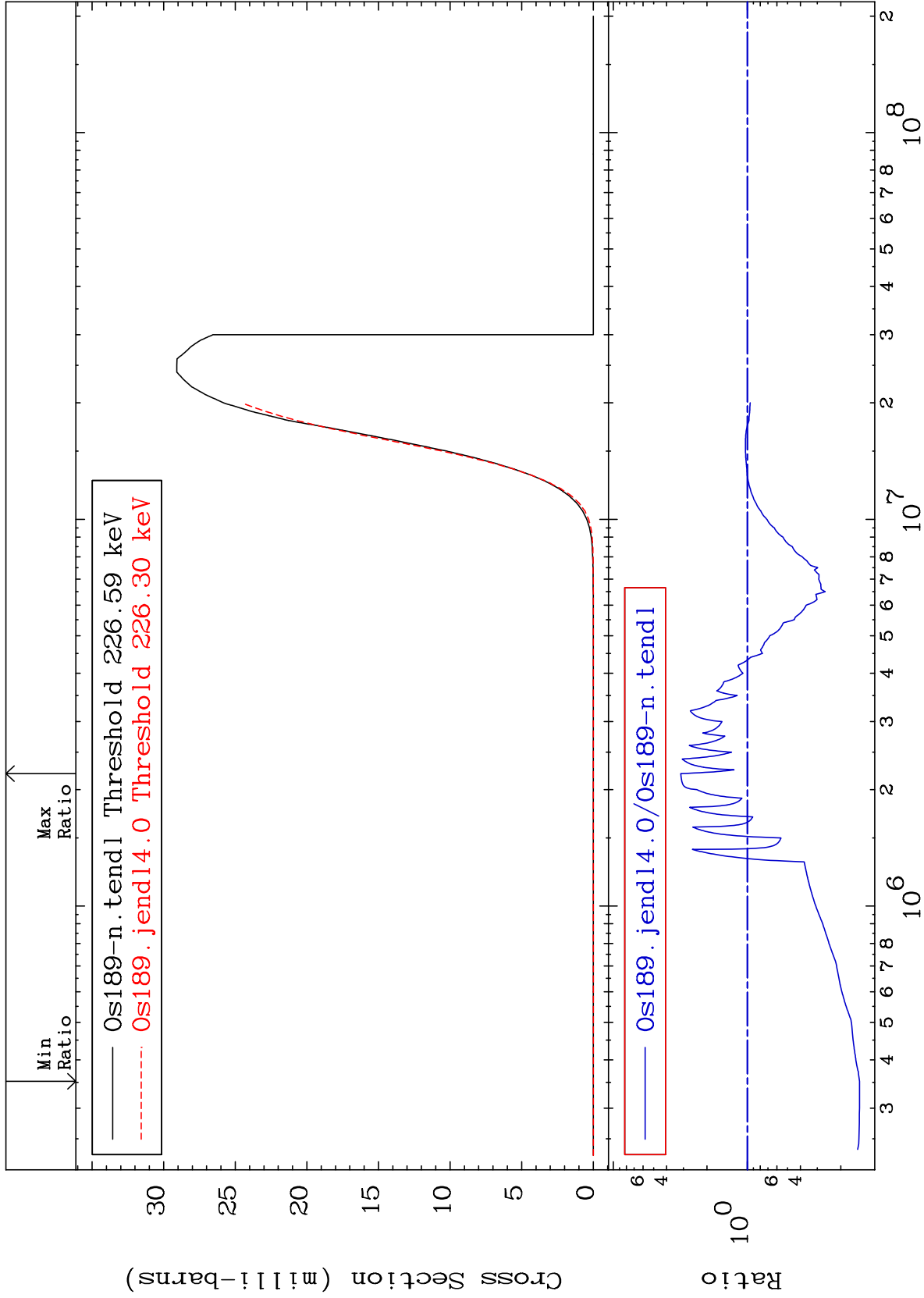
MAT 7640

(n,p)

76-0s-189

Cross Section

-85.50 To 213.7 %



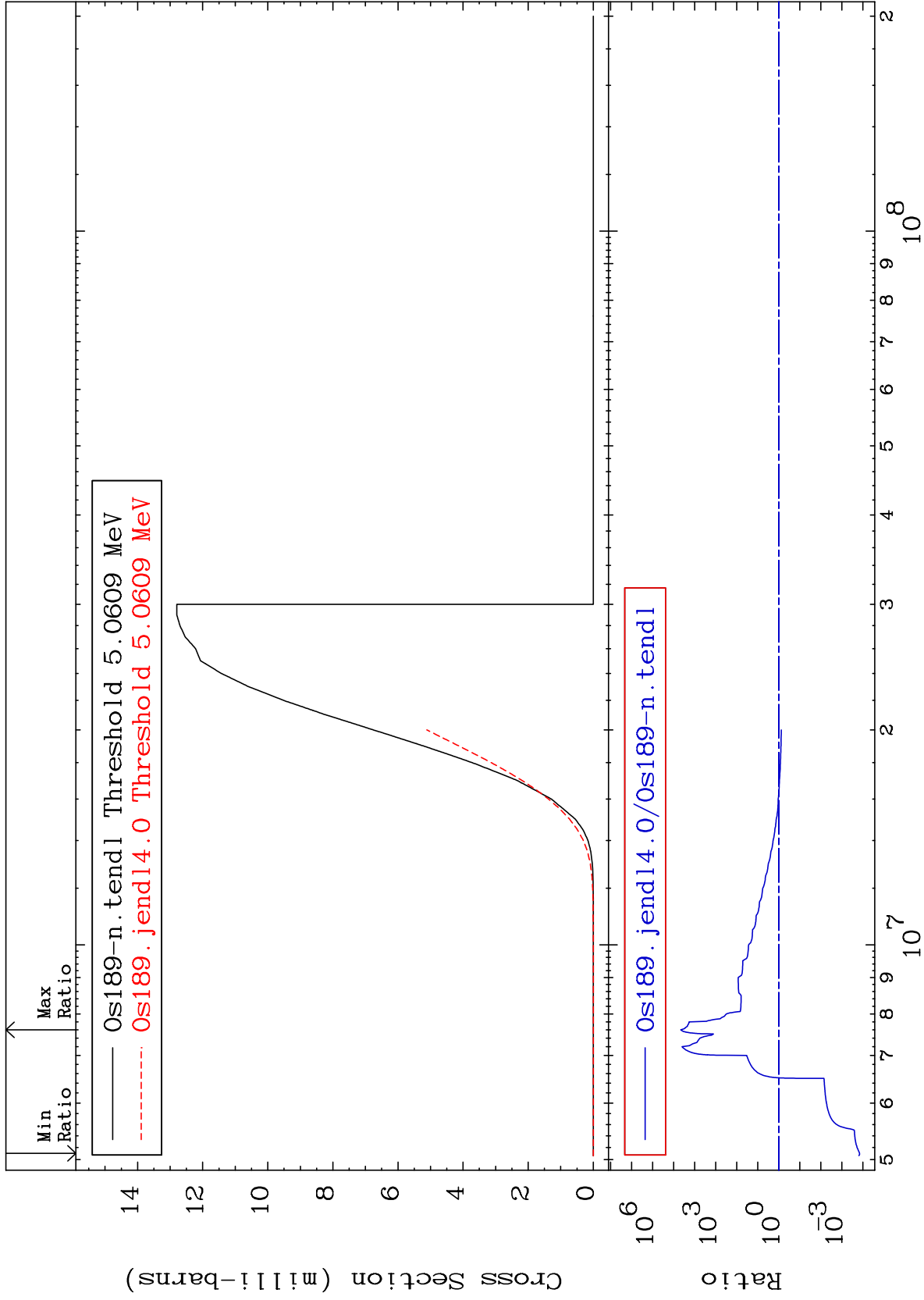
MAT 7640

(n, d)

76-0s-189

Cross Section

-99.99 To 9999. %



45

Incident Energy (eV)

76-0s-189

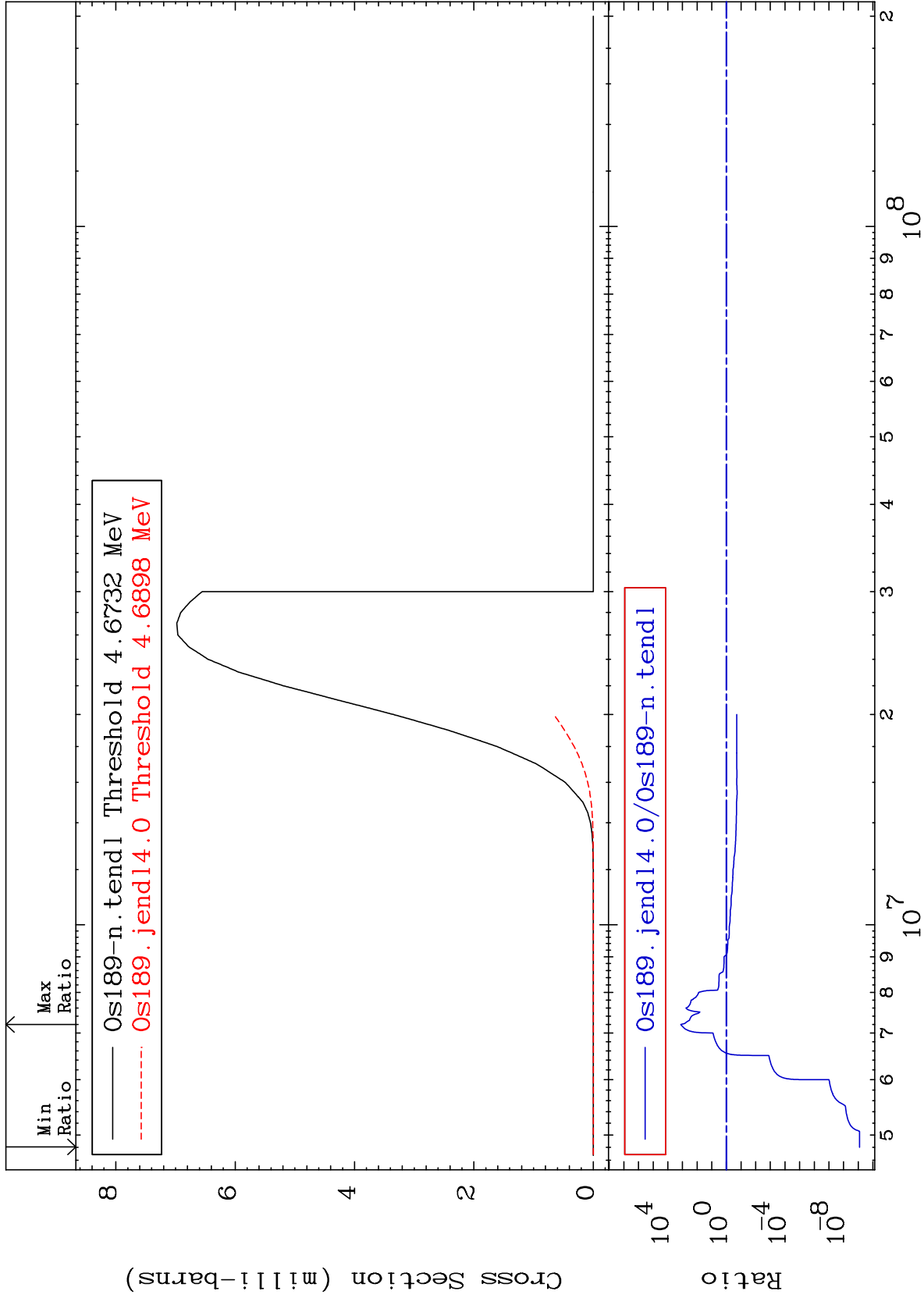
MAT 7640

(n, t)

76-Os-189

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

76-Os-189

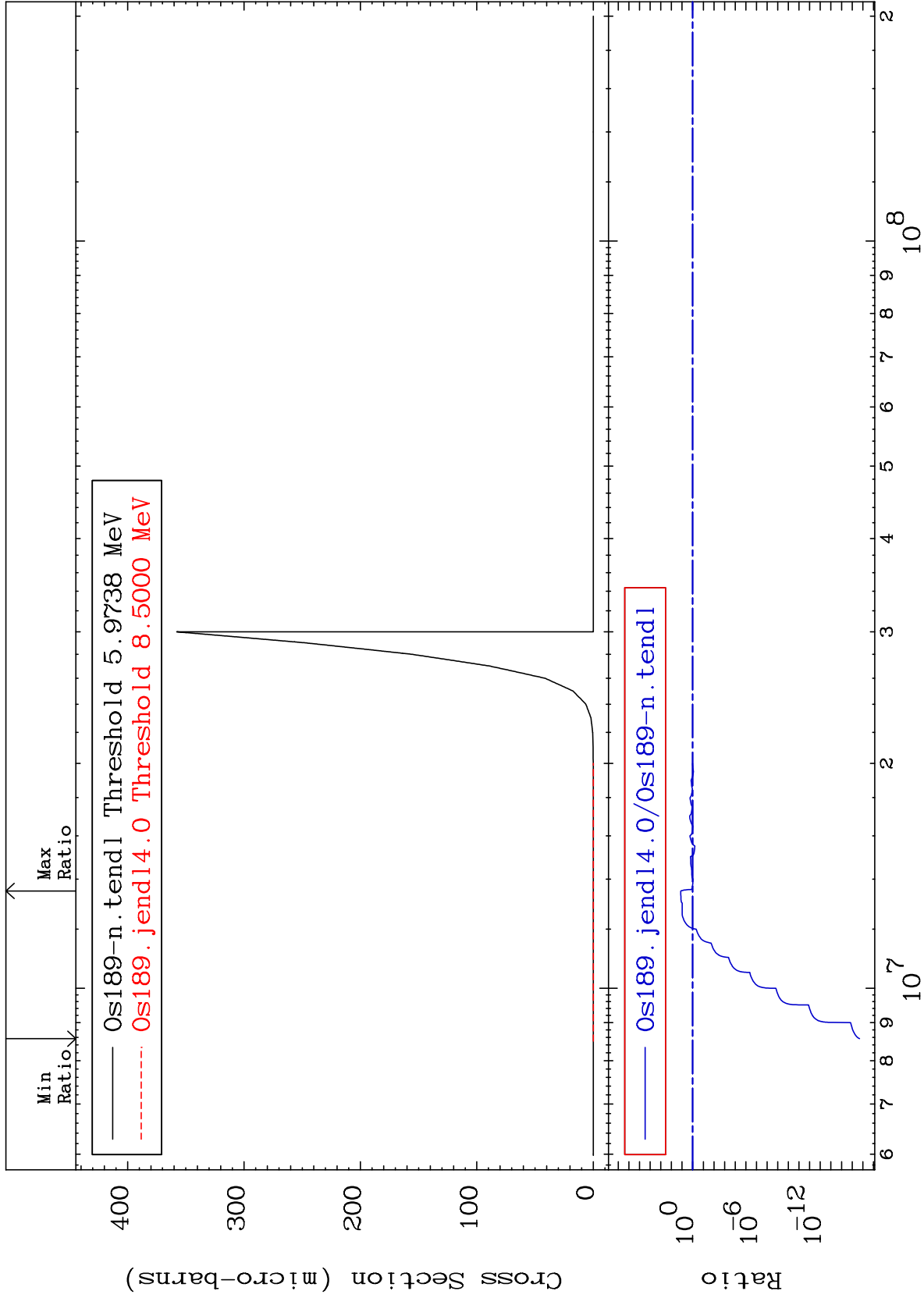
MAT 7640

(n, He-3)

76-Os-189

Cross Section

-100.0 To 1218. %



47

Incident Energy (eV)

76-Os-189

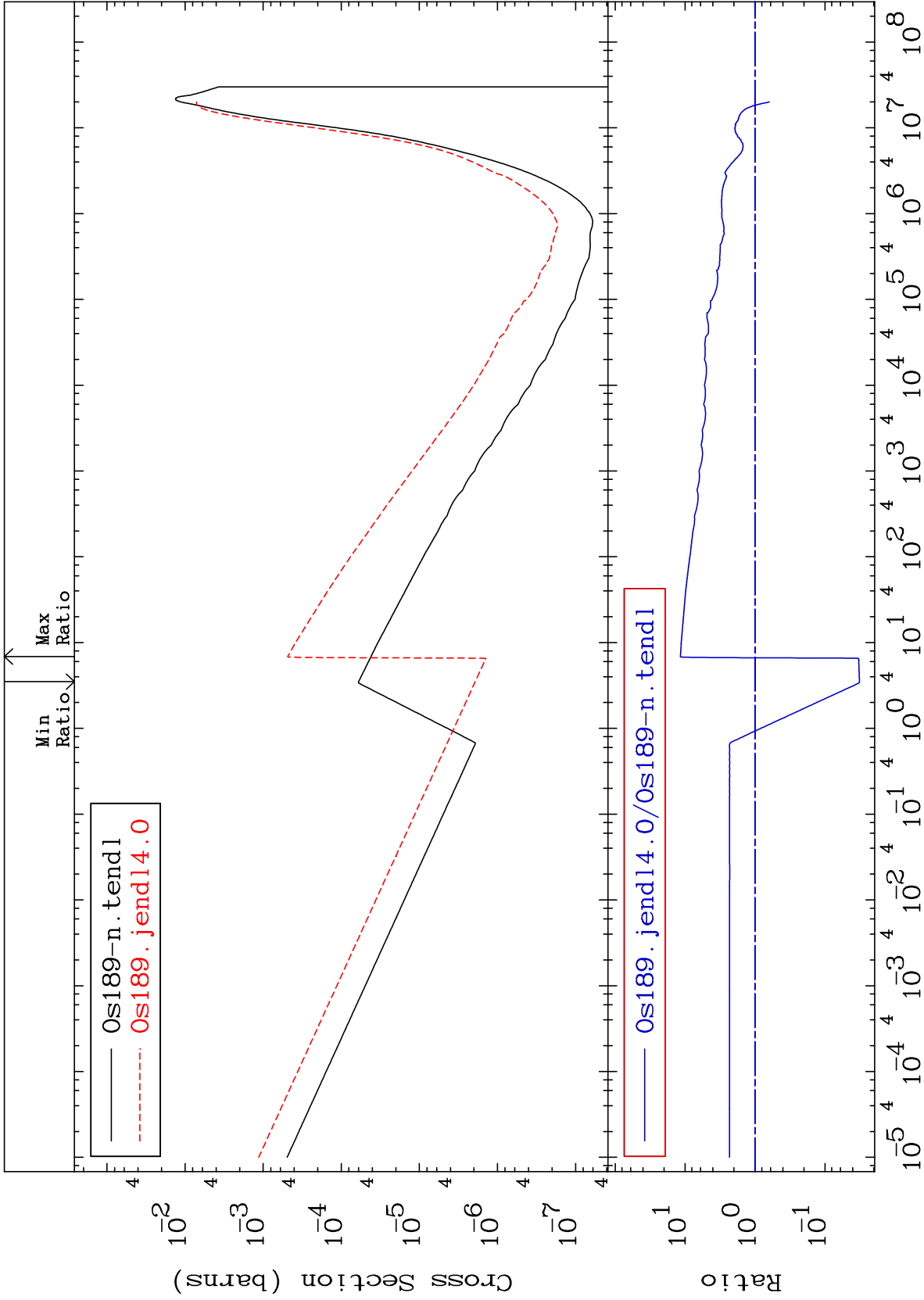
MAT 7640

(n,  $\alpha$ )

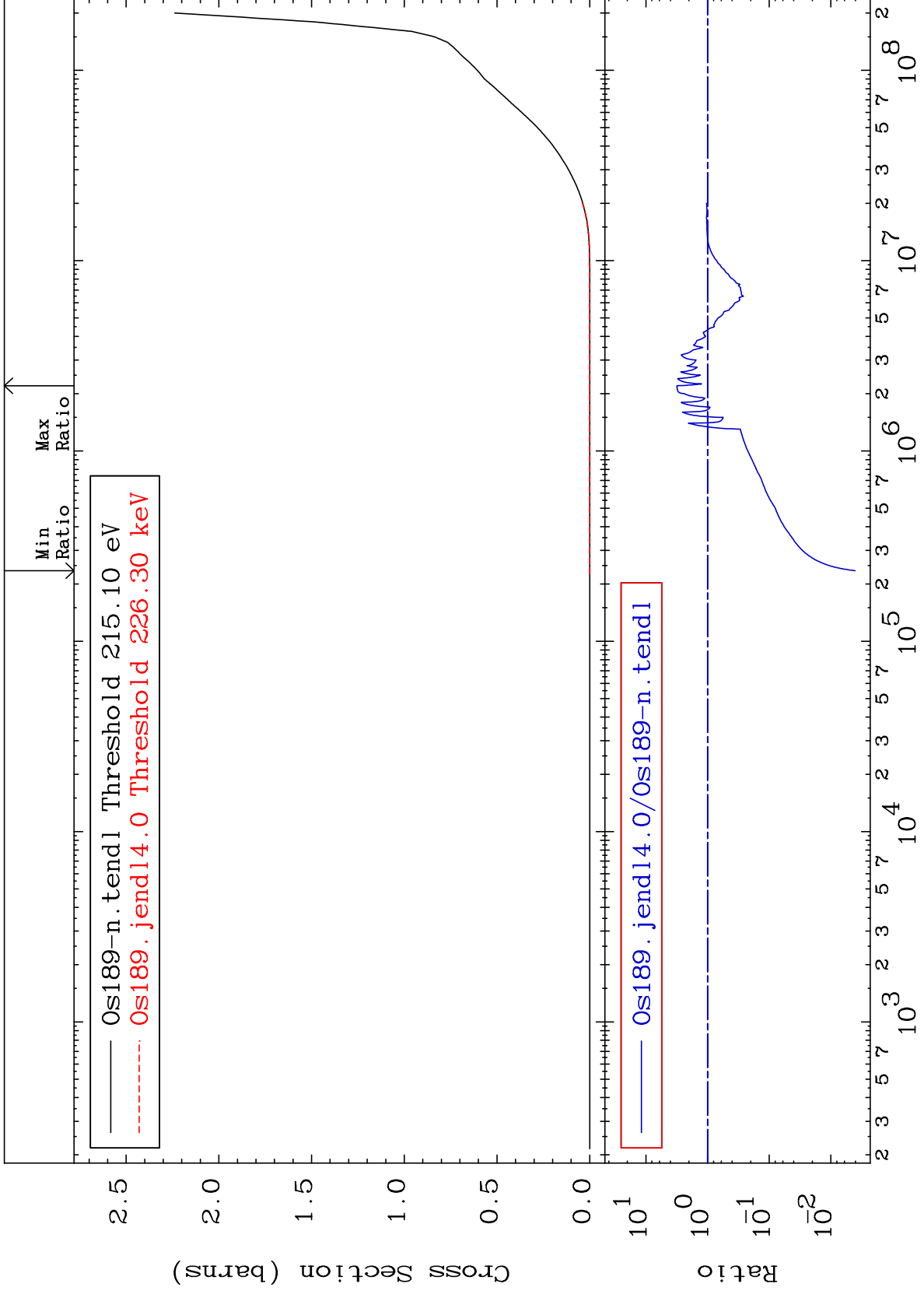
76-0s-189

Cross Section

-96.79 To 1069. %



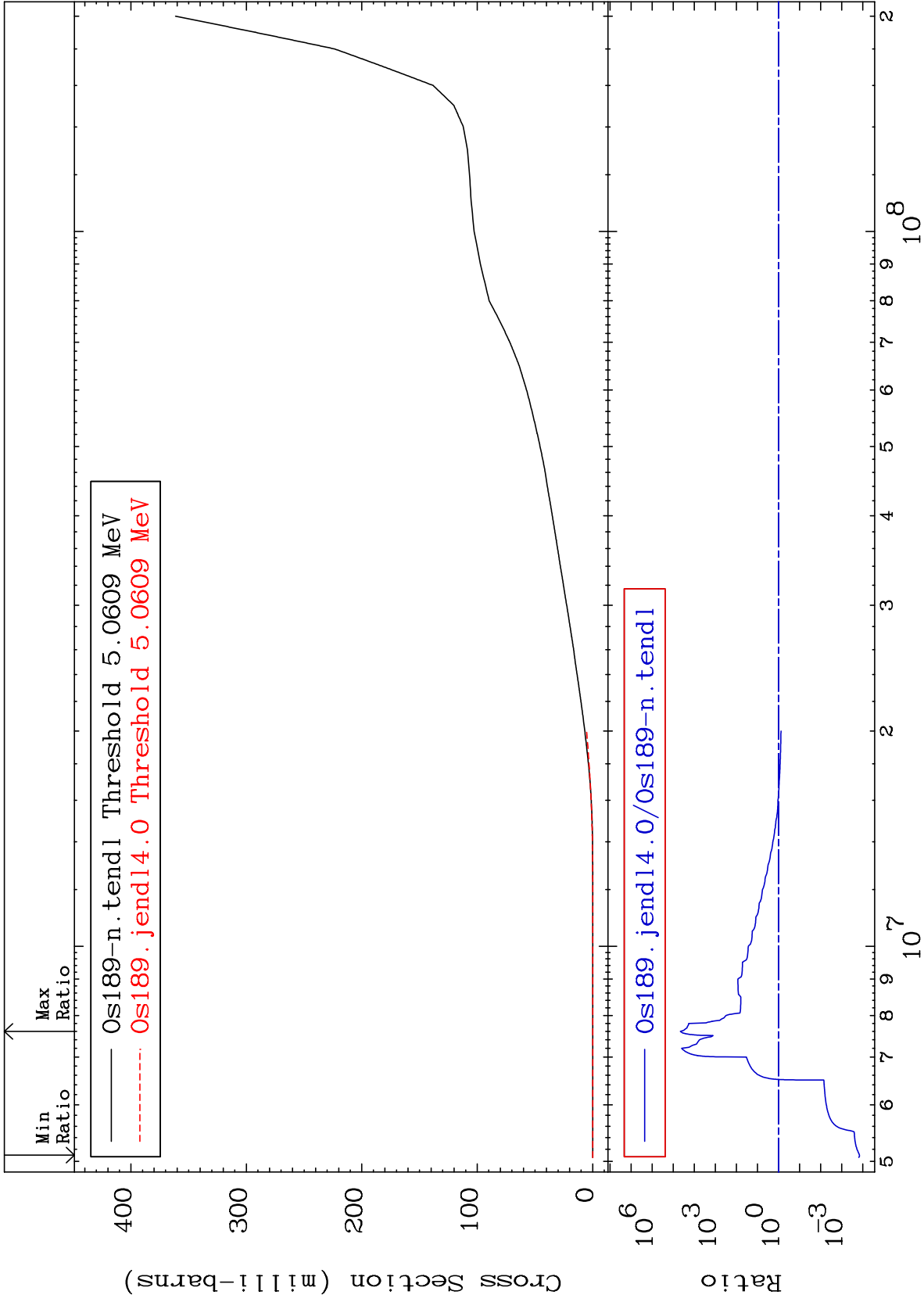




MAT 7640

Deuterium Production  
Cross Section

76-0s-189  
-99.99 To 9999. %



50

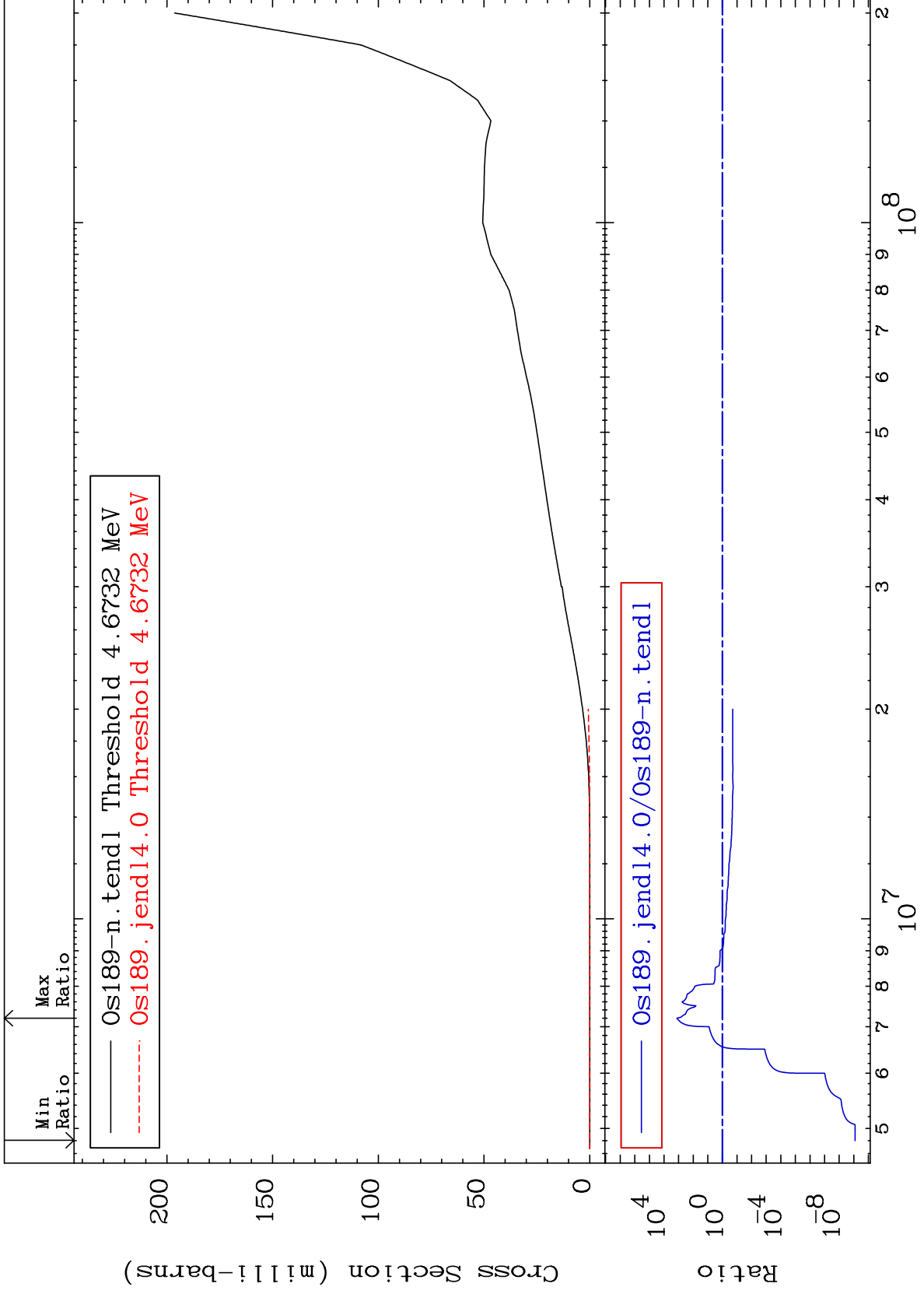
Incident Energy (eV)

76-0s-189

MAT 7640

Tritium Production  
Cross Section

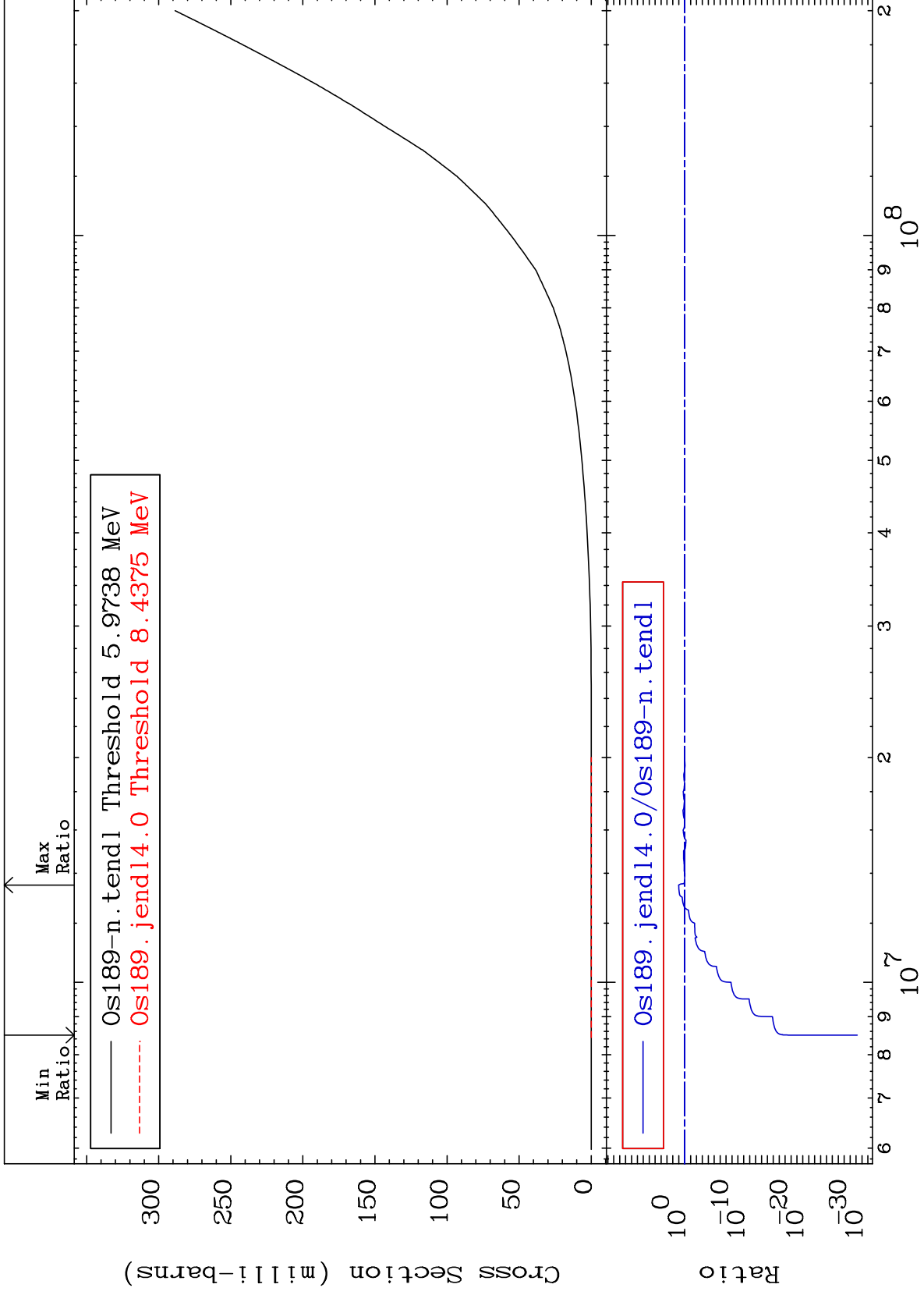
76-0s-189  
-100.0 To 9999. %



MAT 7640

He-3 Production  
Cross Section

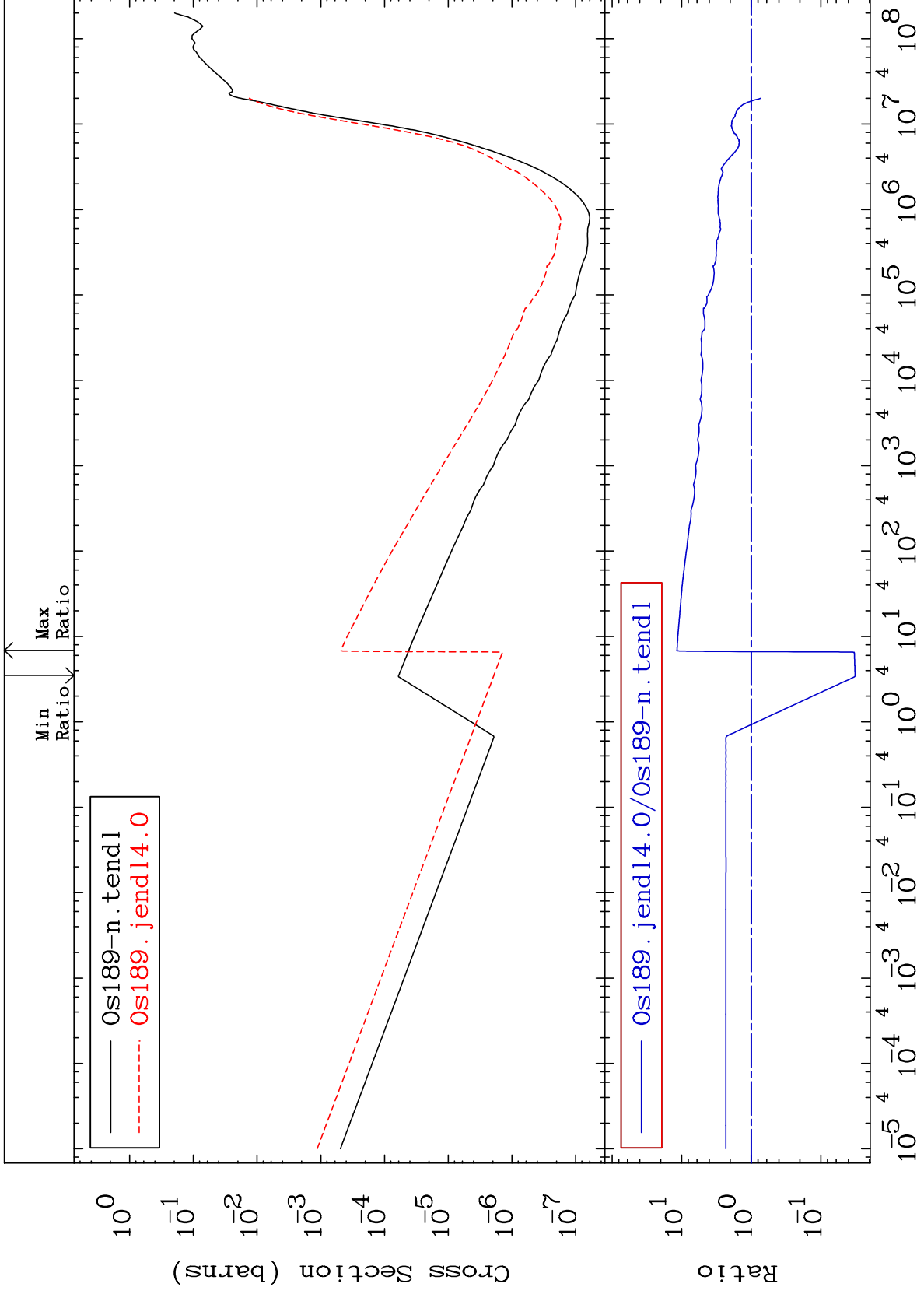
76-Os-189  
-100.0 To 953.7 %

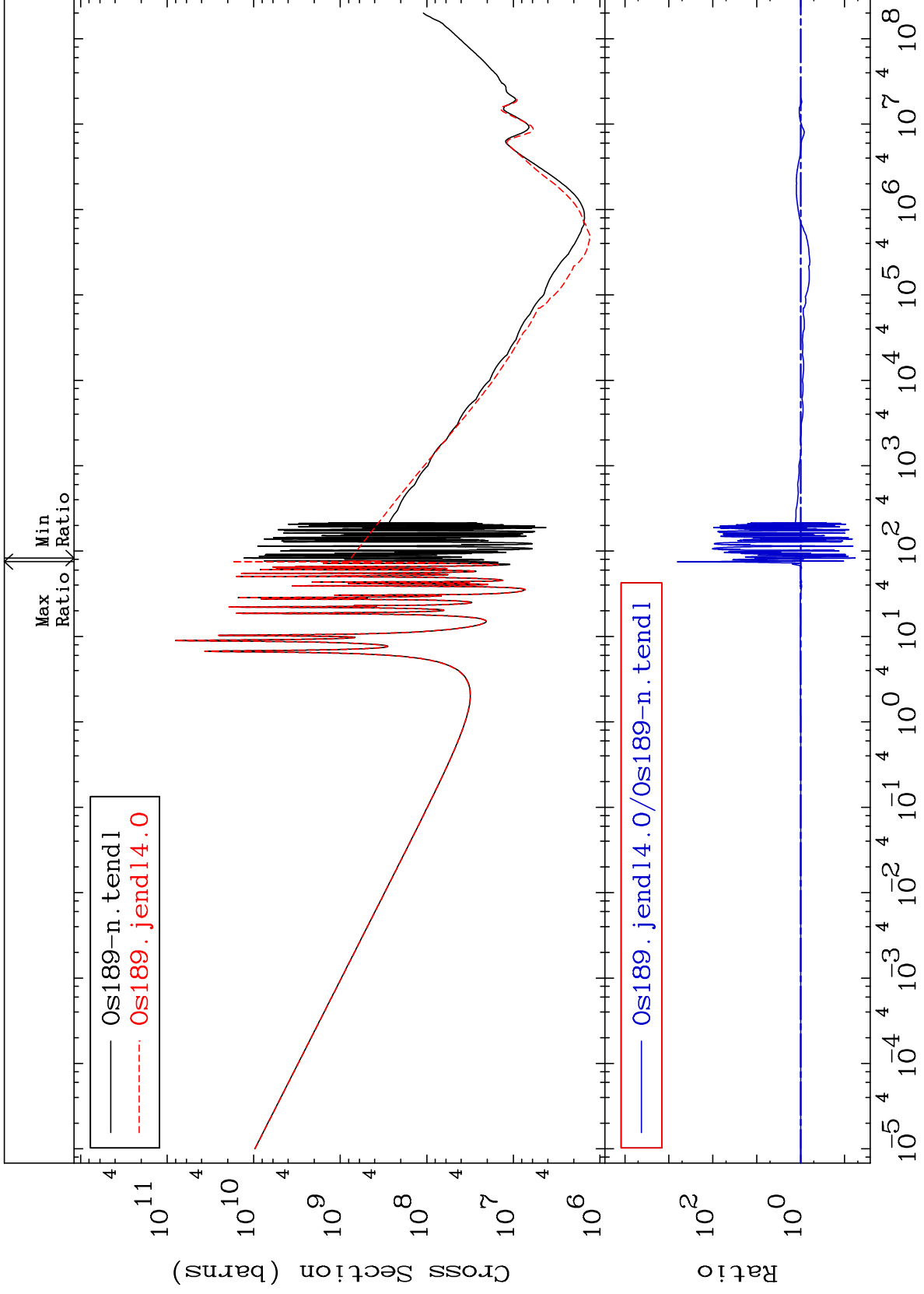


MAT 7640

He-4 Production  
Cross Section

76-0s-189  
-96.79 To 1069. %

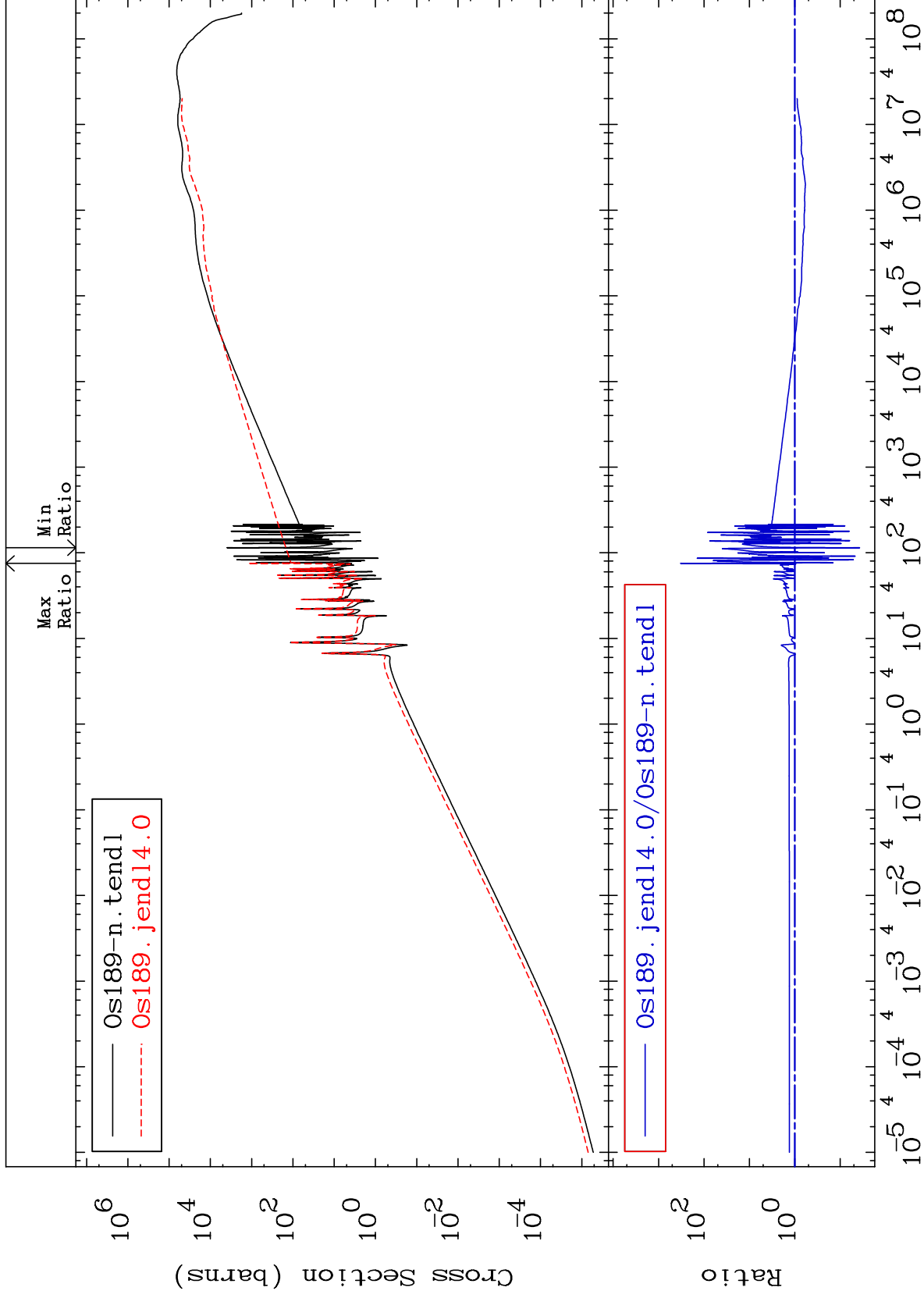


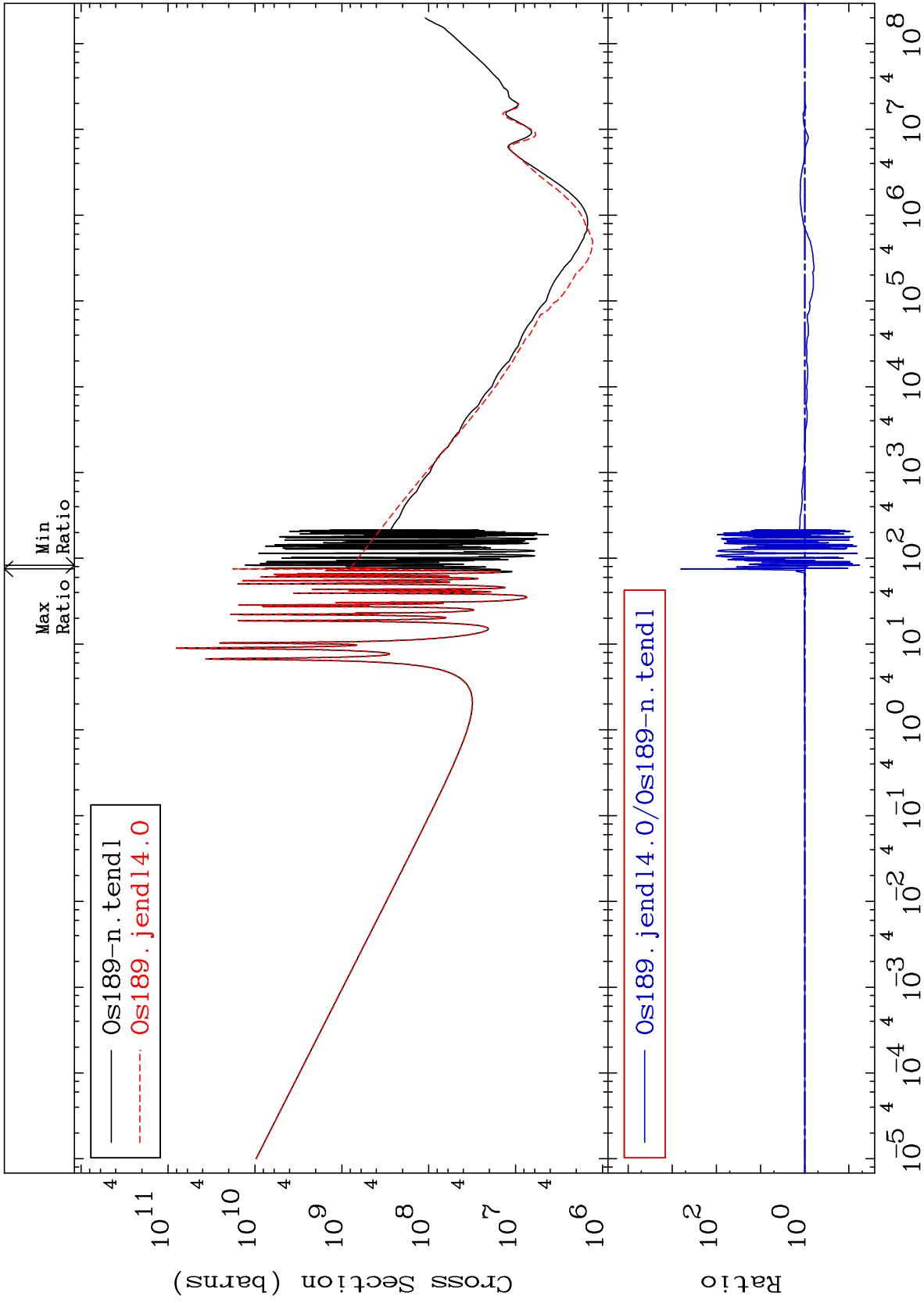


MAT 7640

Kerma elastic  
Cross Section

76-0s-189  
-96.24 To 9999. %



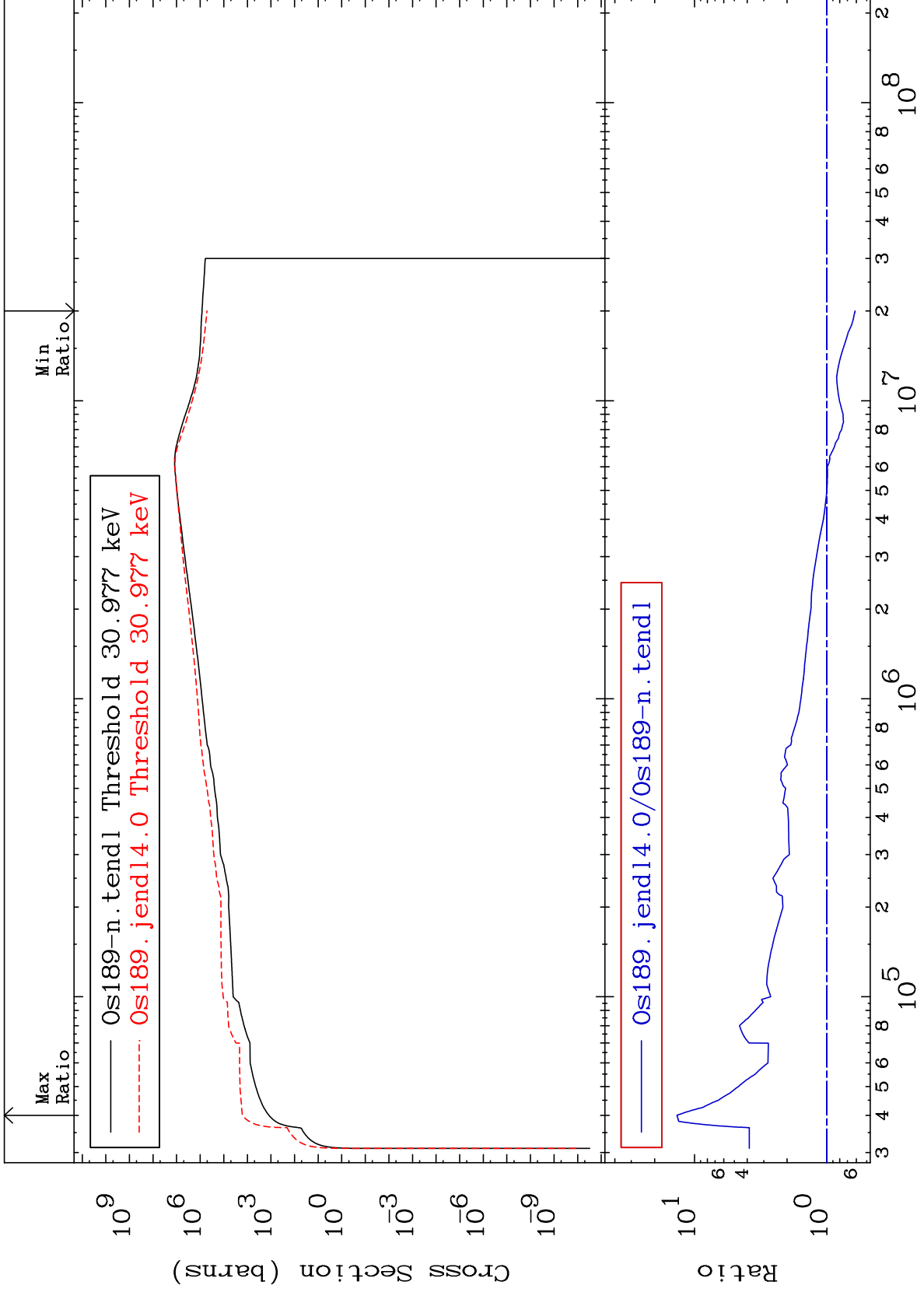




MAT 7640

Kerma inelastic (mt51-91)  
Cross Section

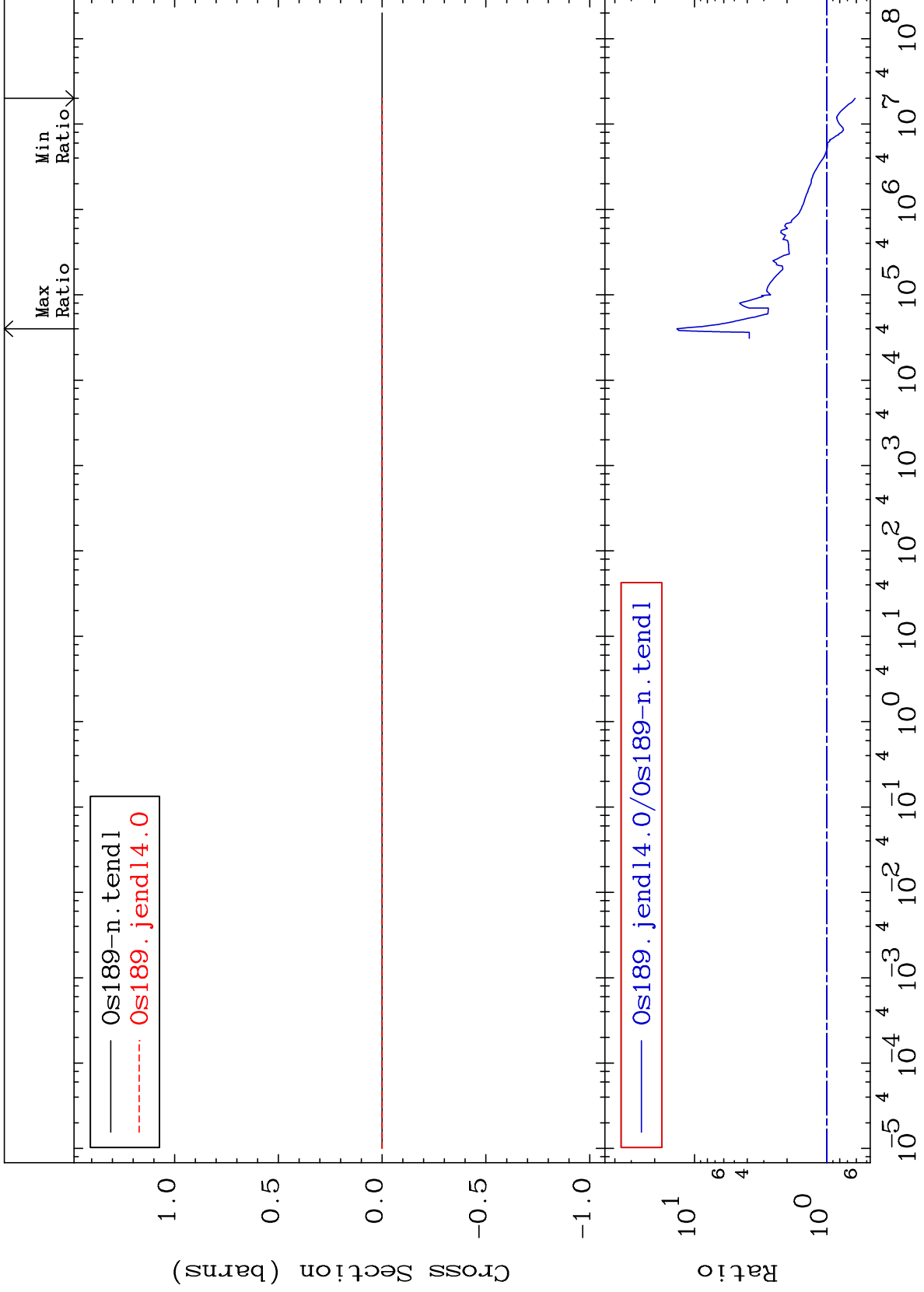
76-0s-189  
-38.74 To 1257. %

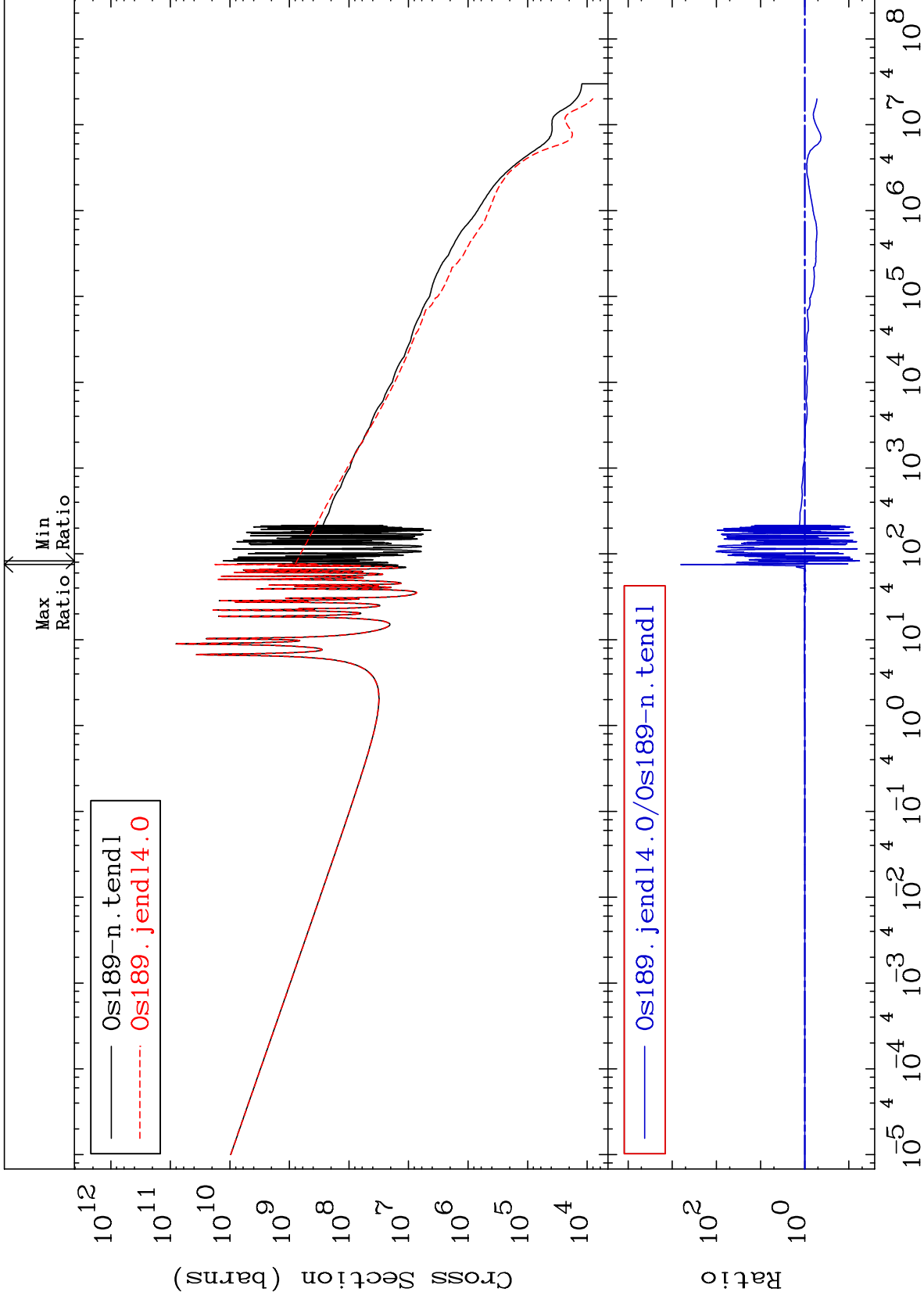


MAT 7640

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

76-0s-189  
-38.74 To 1257. %





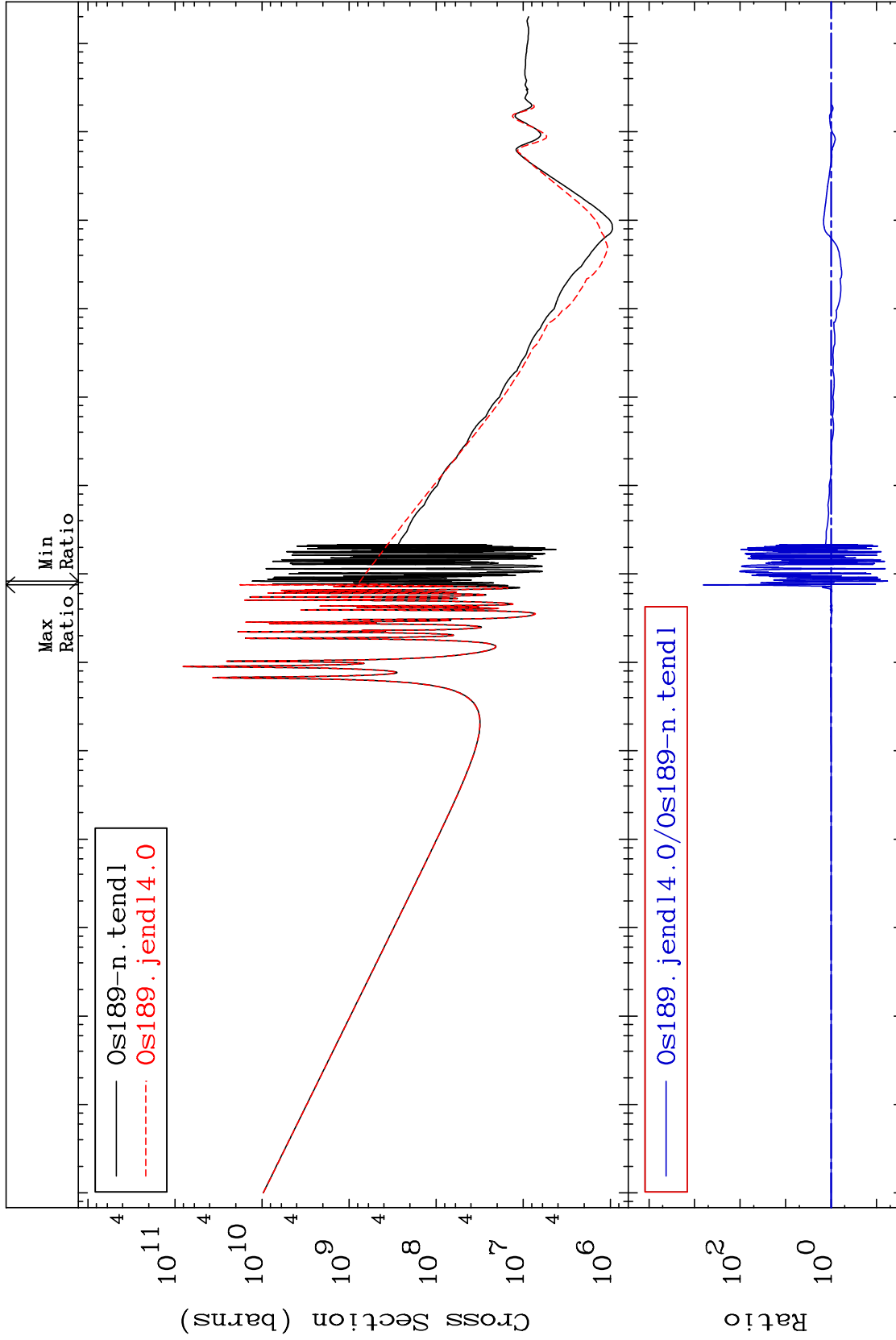
MAT 7640

Total photon (eV-barns)

76-0s-189

Cross Section

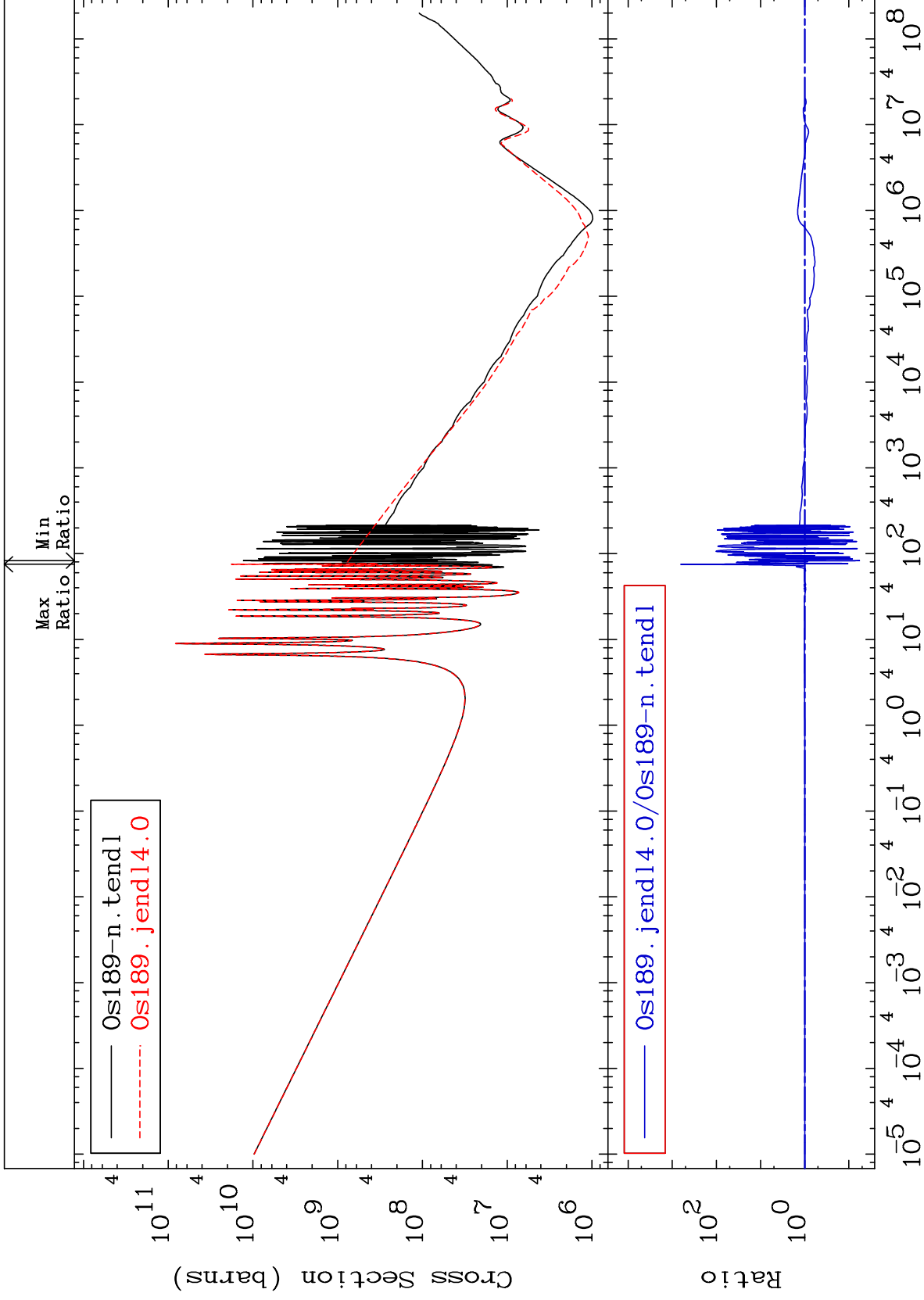
-94.23 To 9999. %



Incident Energy (eV)

76-0s-189

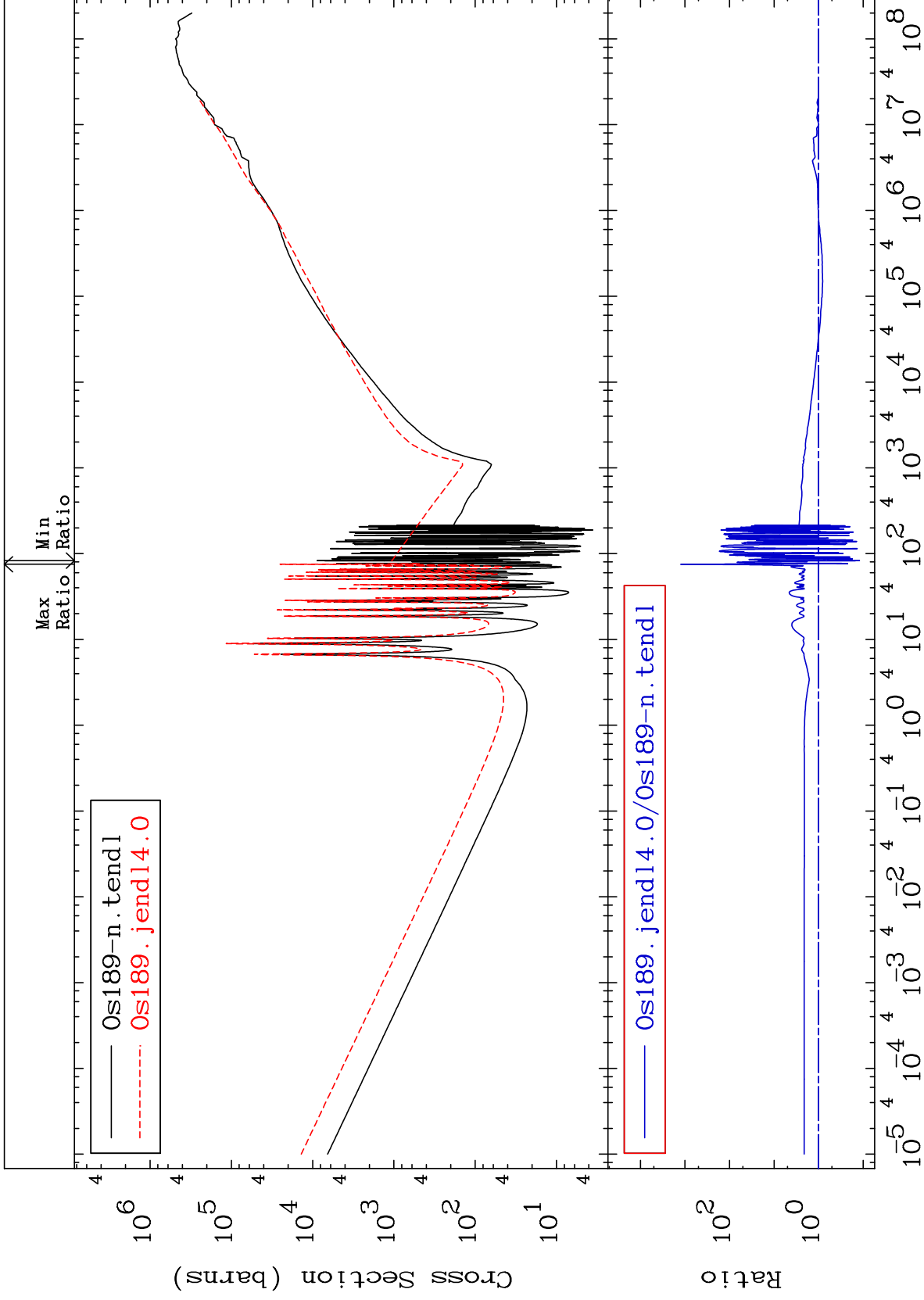
60



MAT 7640

Dpa total (eV-barns)  
Cross Section

76-0s-189  
-87.89 To 9999. %



62

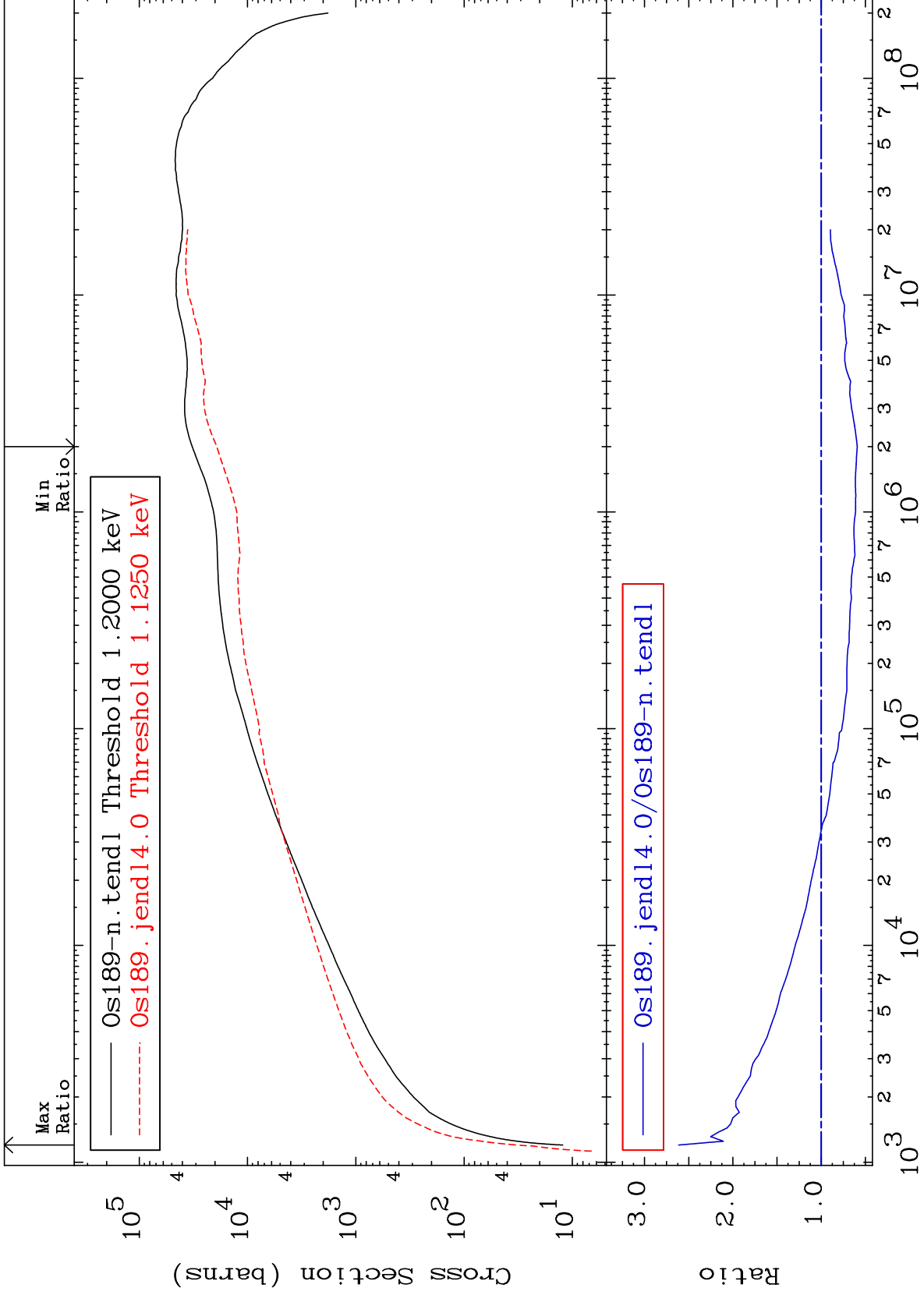
Incident Energy (eV)

76-0s-189

MAT 7640

Dpa elastic (mt2)  
Cross Section

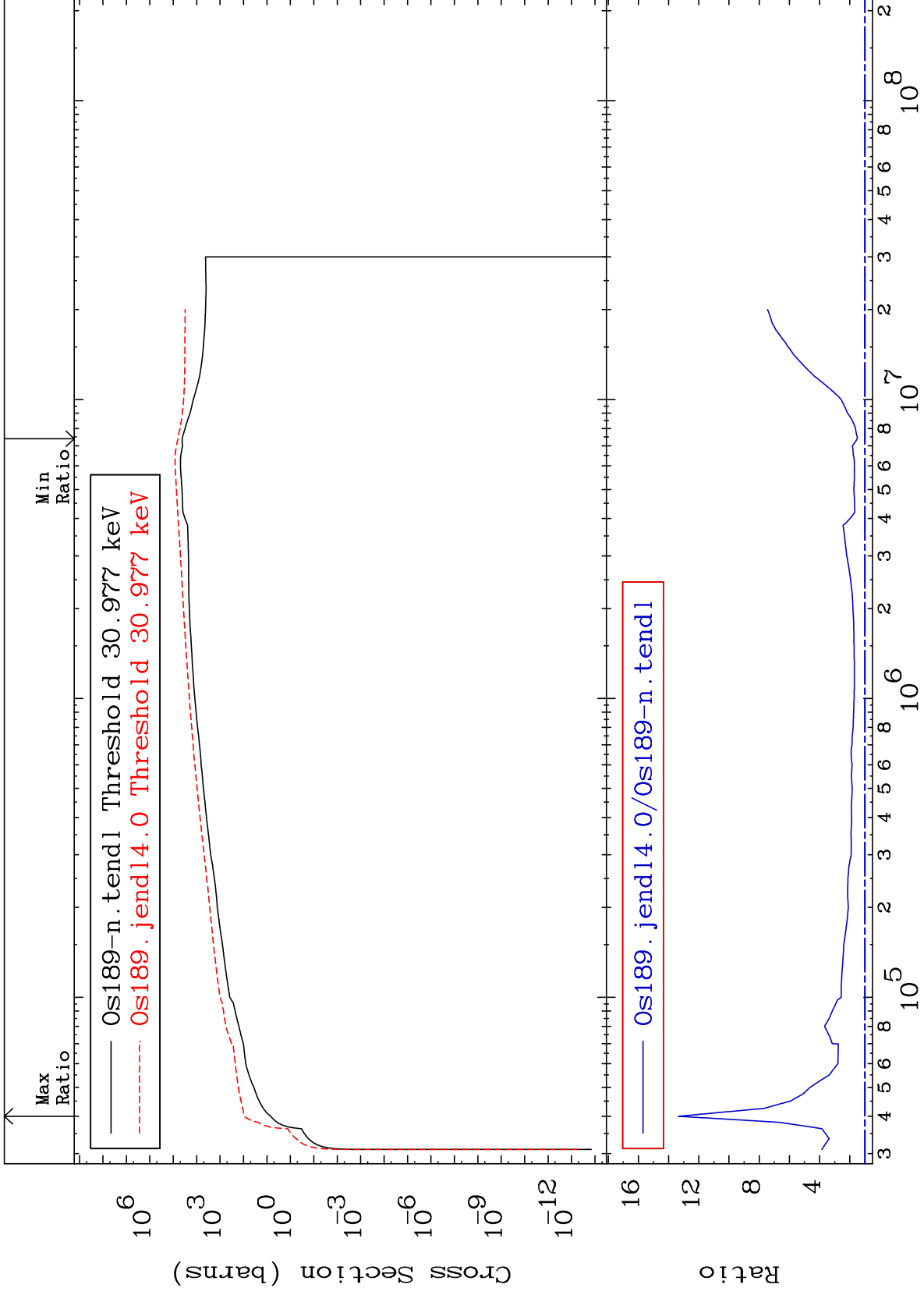
76-0s-189  
-40.79 To 161.4 %



MAT 7640

Dpa inelastic (mt51-91)  
Cross Section

76-0s-189  
50.61 To 1234. %



64

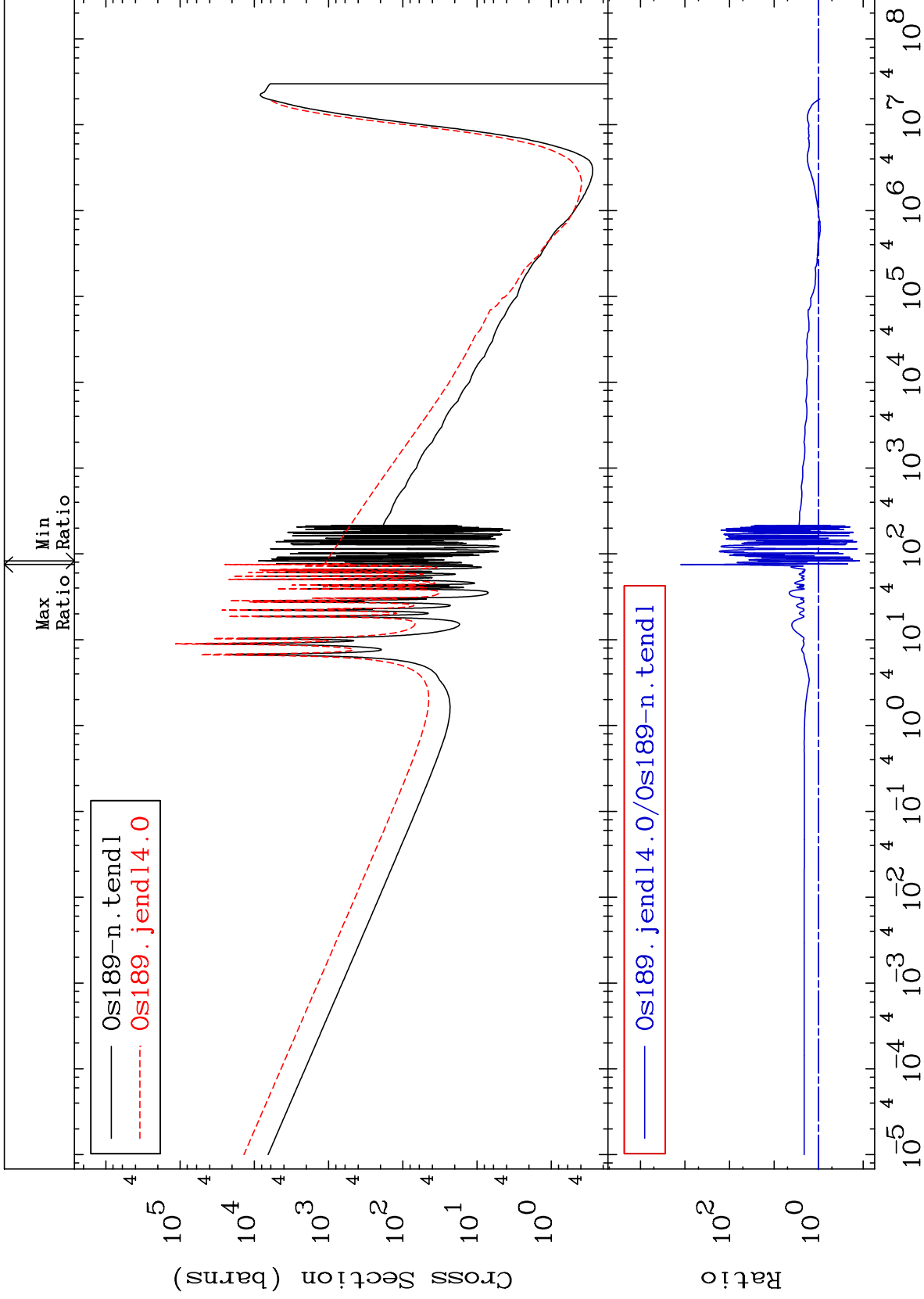
76-0s-189



MAT 7640

Dpa disappearance (mt102 -120)  
Cross Section

76-0s-189  
-87.89 To 9999. %



65

Incident Energy (eV)

76-0s-189