

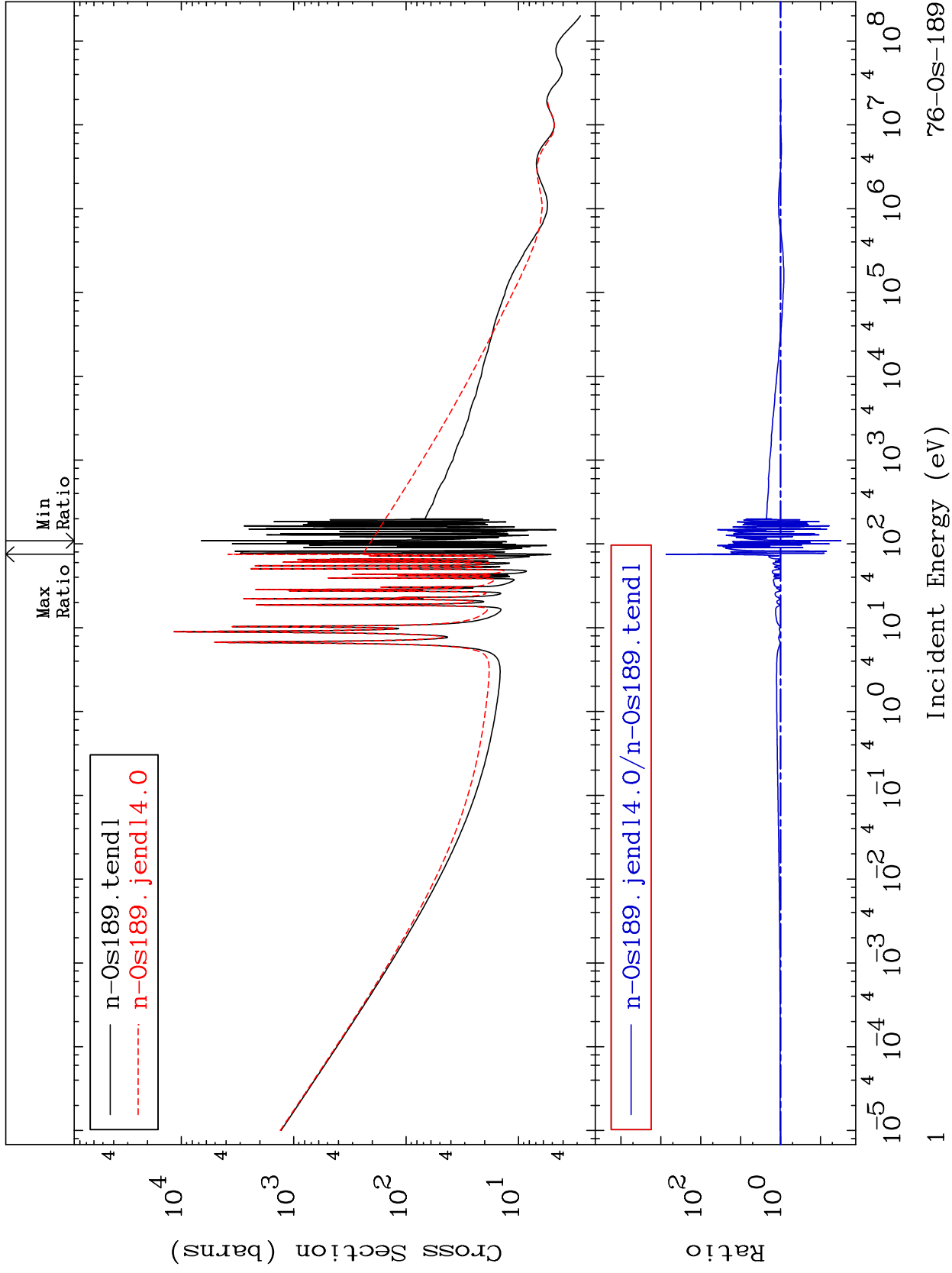
MAT 7640

Total

76-0s-189

Cross Section

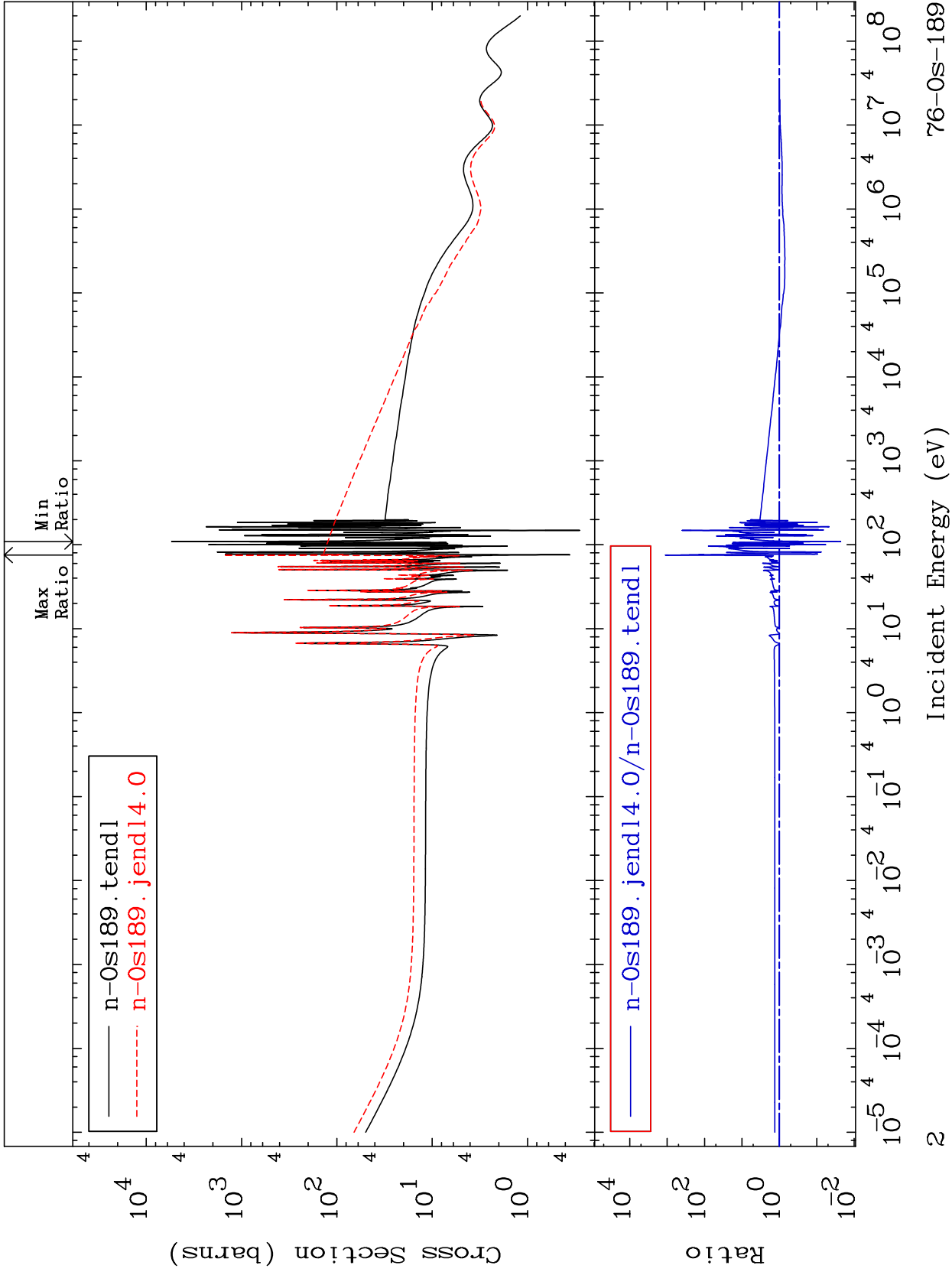
-96.93 To 9999. %



MAT 7640

Elastic
Cross Section

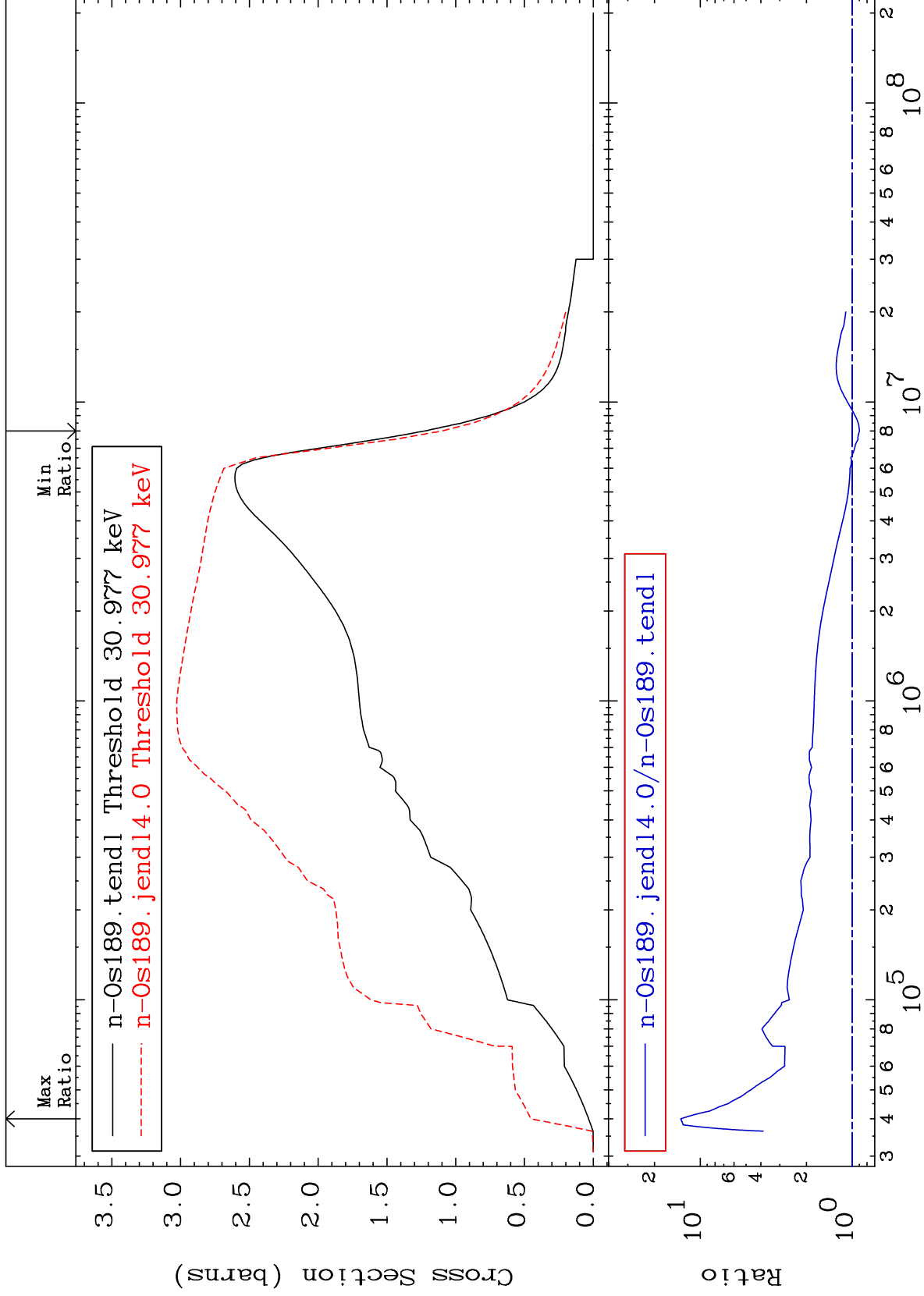
76-0s-189
-97.70 To 9999. %



MAT 7640

Inelastic
Cross Section

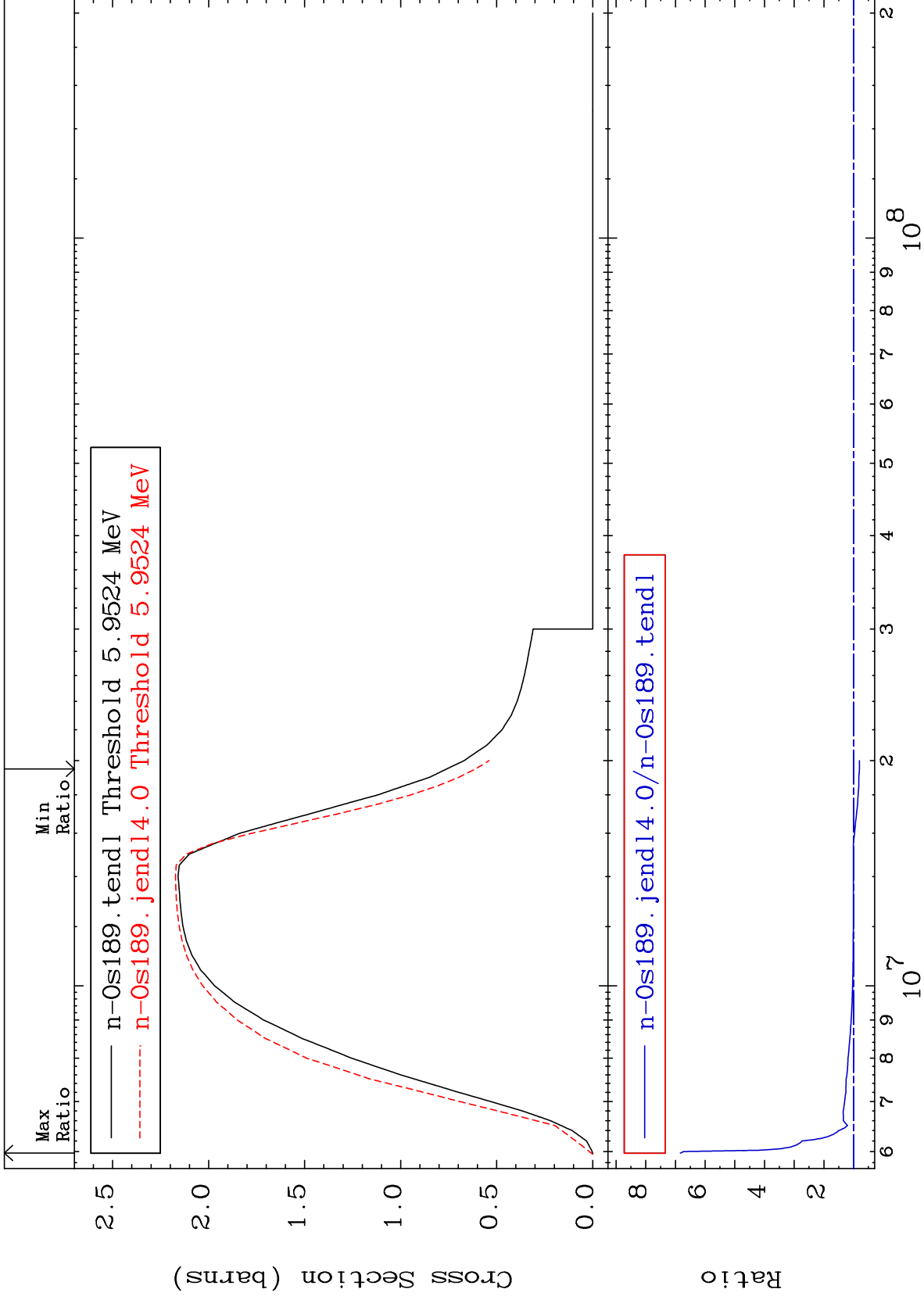
76-0s-189
-10.38 To 1244. %



MAT 7640

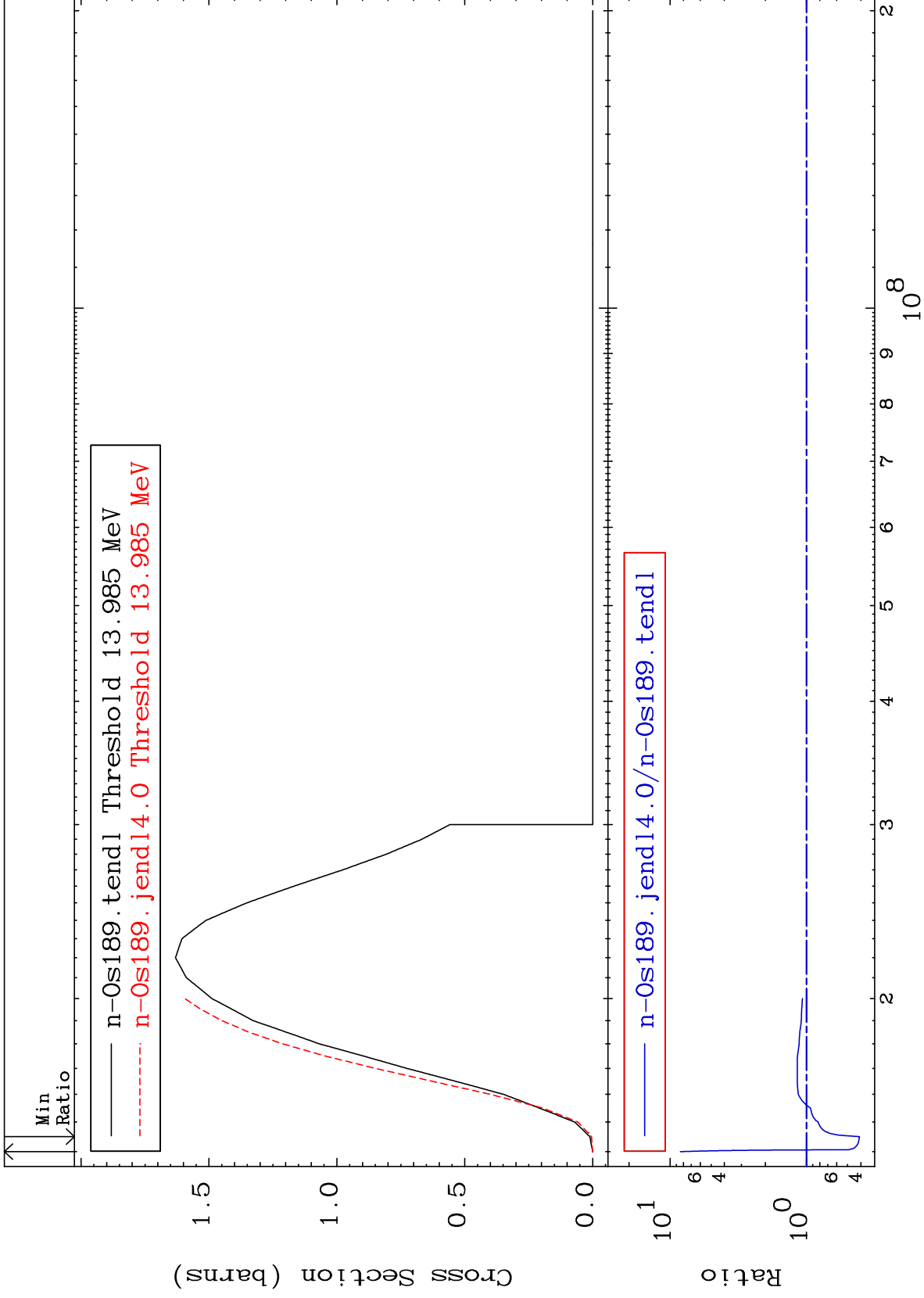
(n,2n)
Cross Section

76-0s-189
-19.76 To 583.5 %



4

76-0s-189



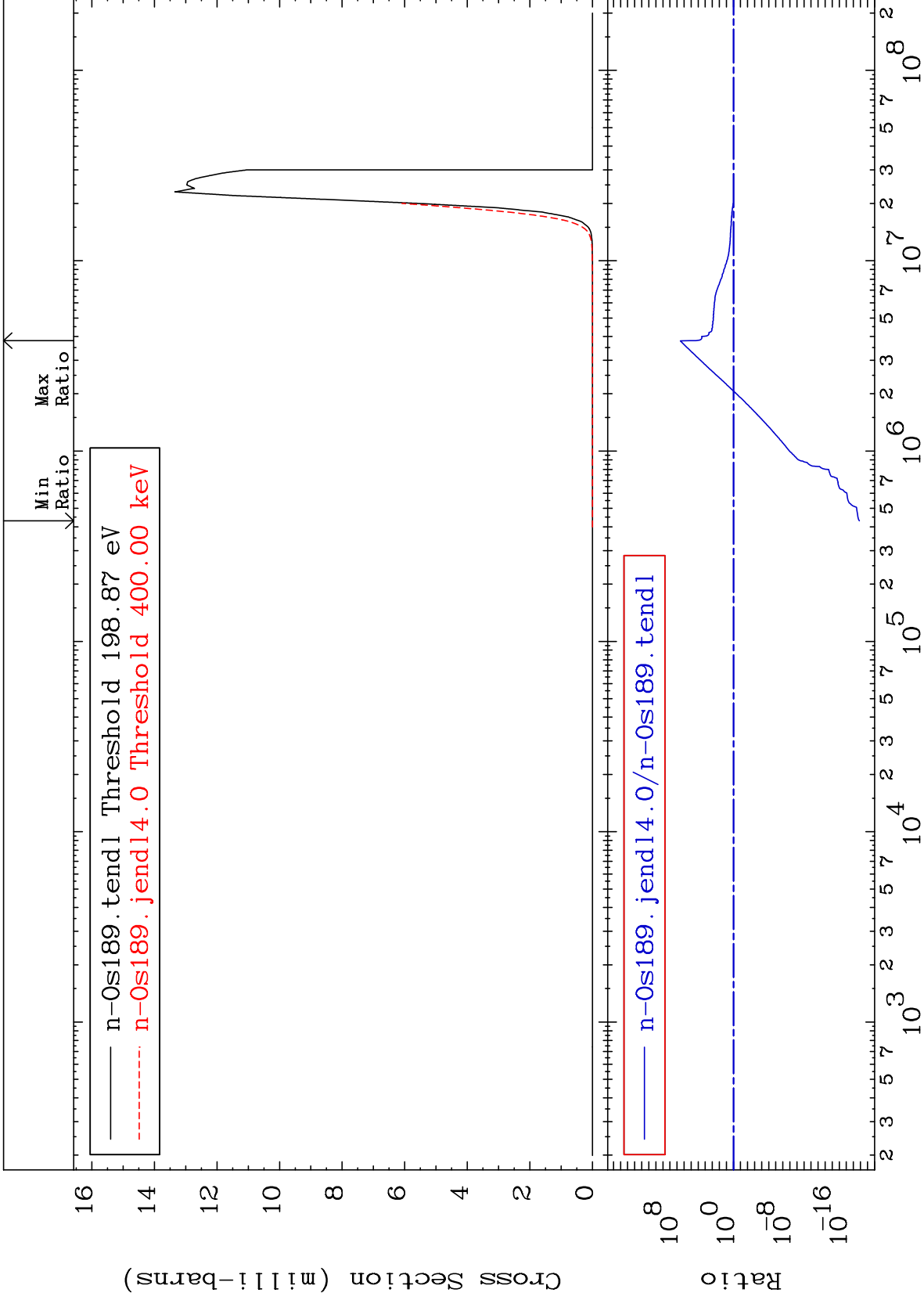
MAT 7640

(n,n') α

76-0s-189

Cross Section

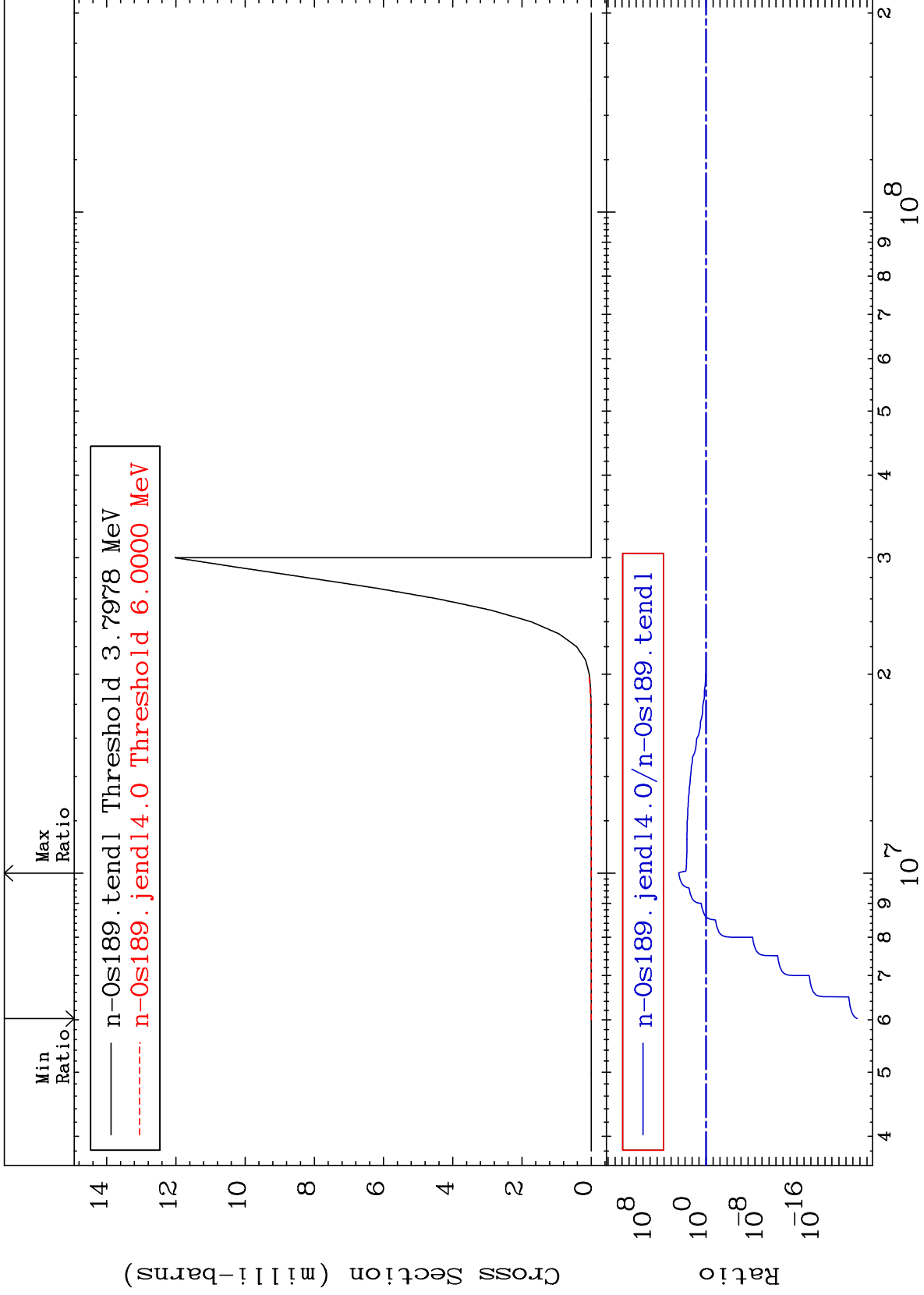
-100.0 To 9999. %



MAT 7640

(n,2n) α
Cross Section

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



7

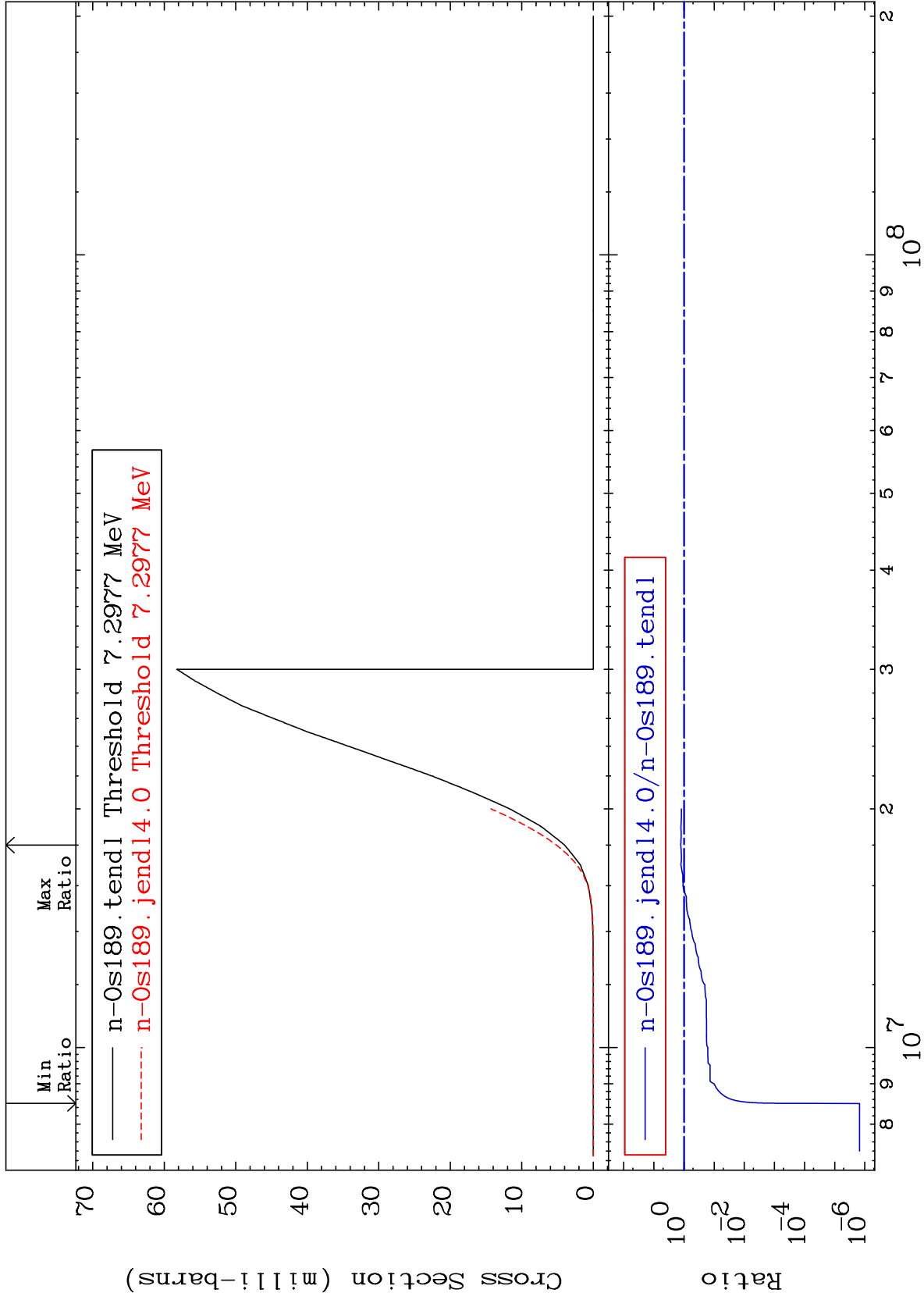
Incident Energy (eV)

76-0s-189

MAT 7640

(n,n') p
Cross Section

76-0s-189
-100.0 To 28.35 %



8

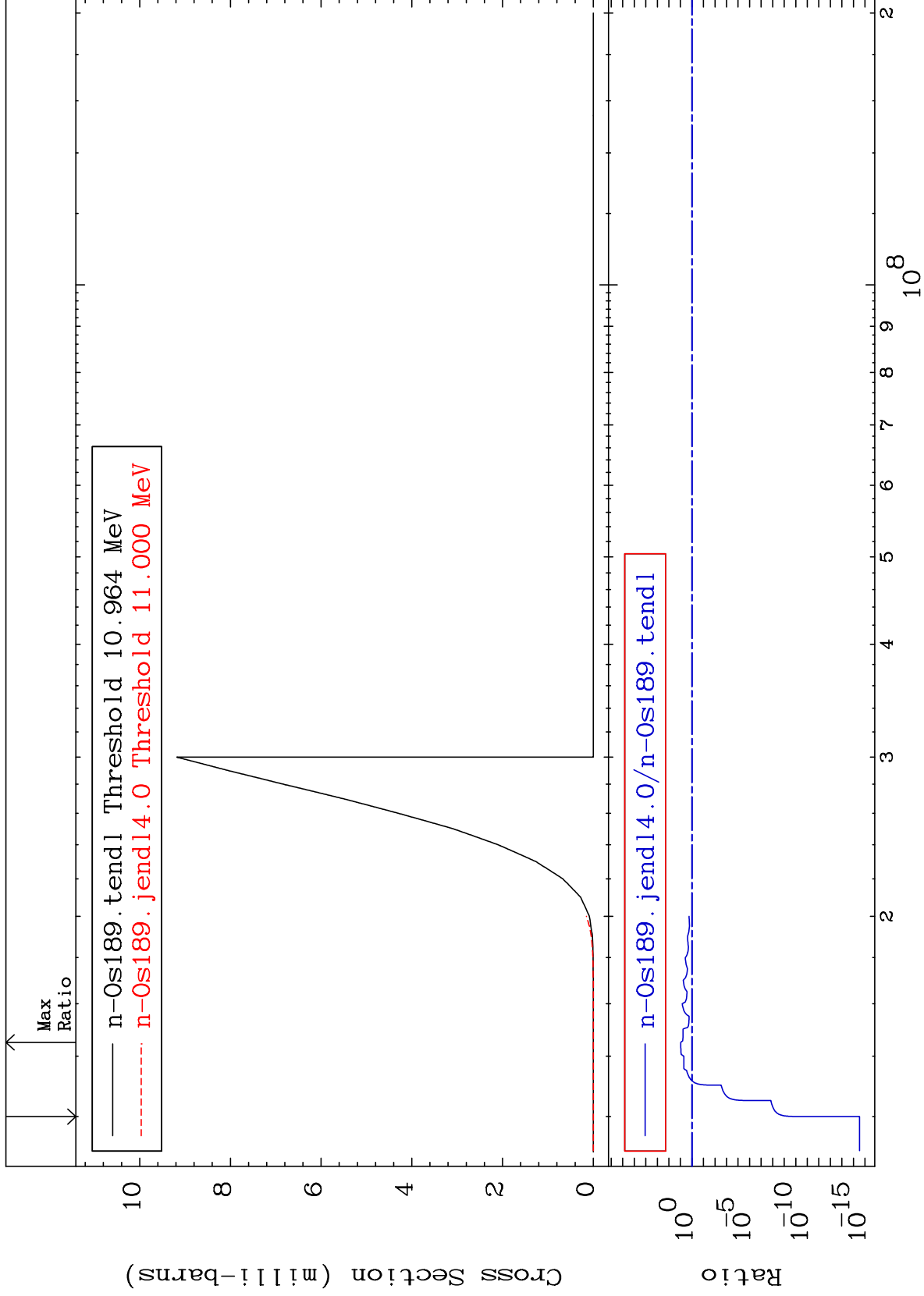
Incident Energy (eV)

76-0s-189

MAT 7640

(n,n') d
Cross Section

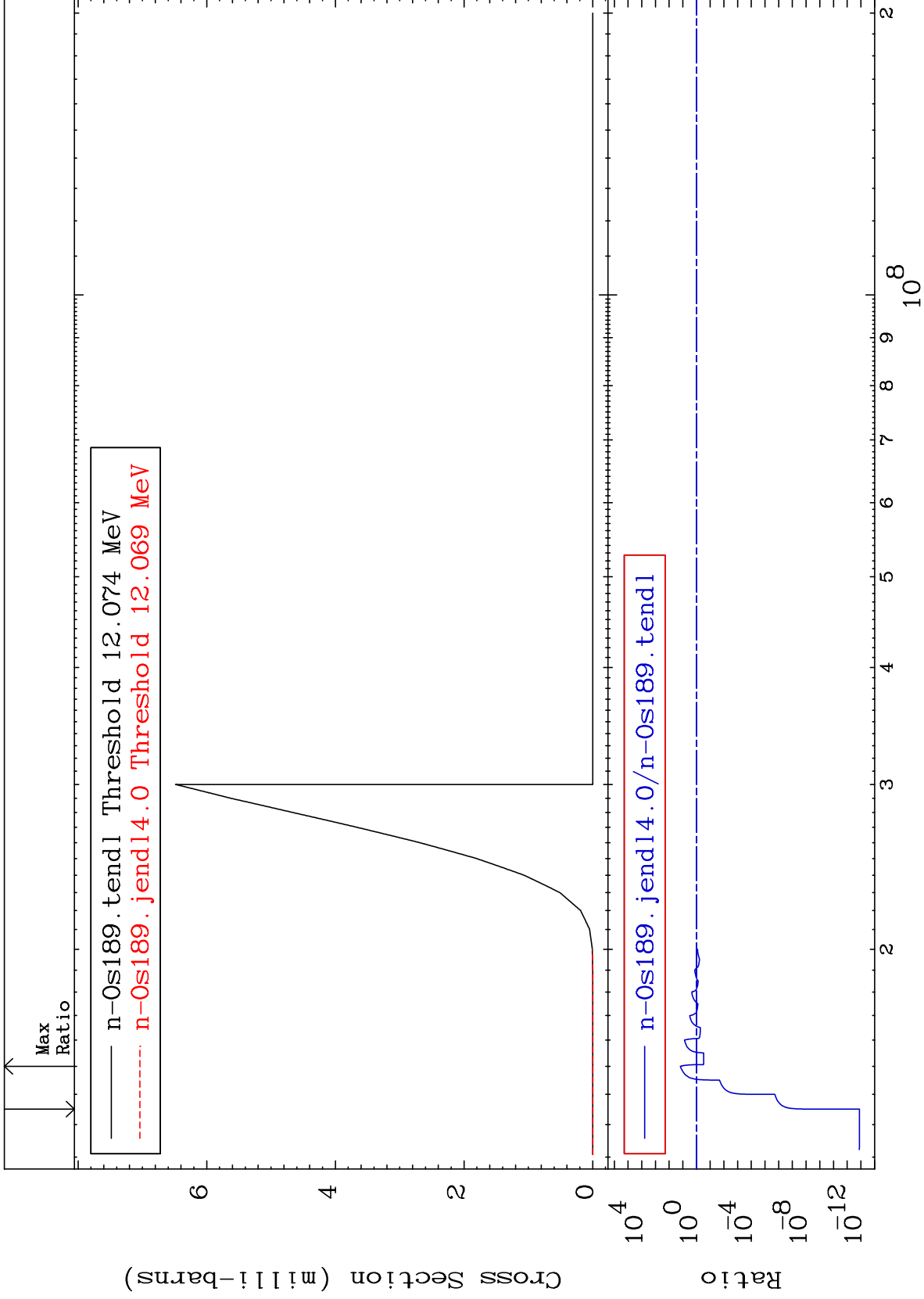
76-0s-189
-100.0 To 824.7 %



MAT 7640

(n,n') t
Cross Section

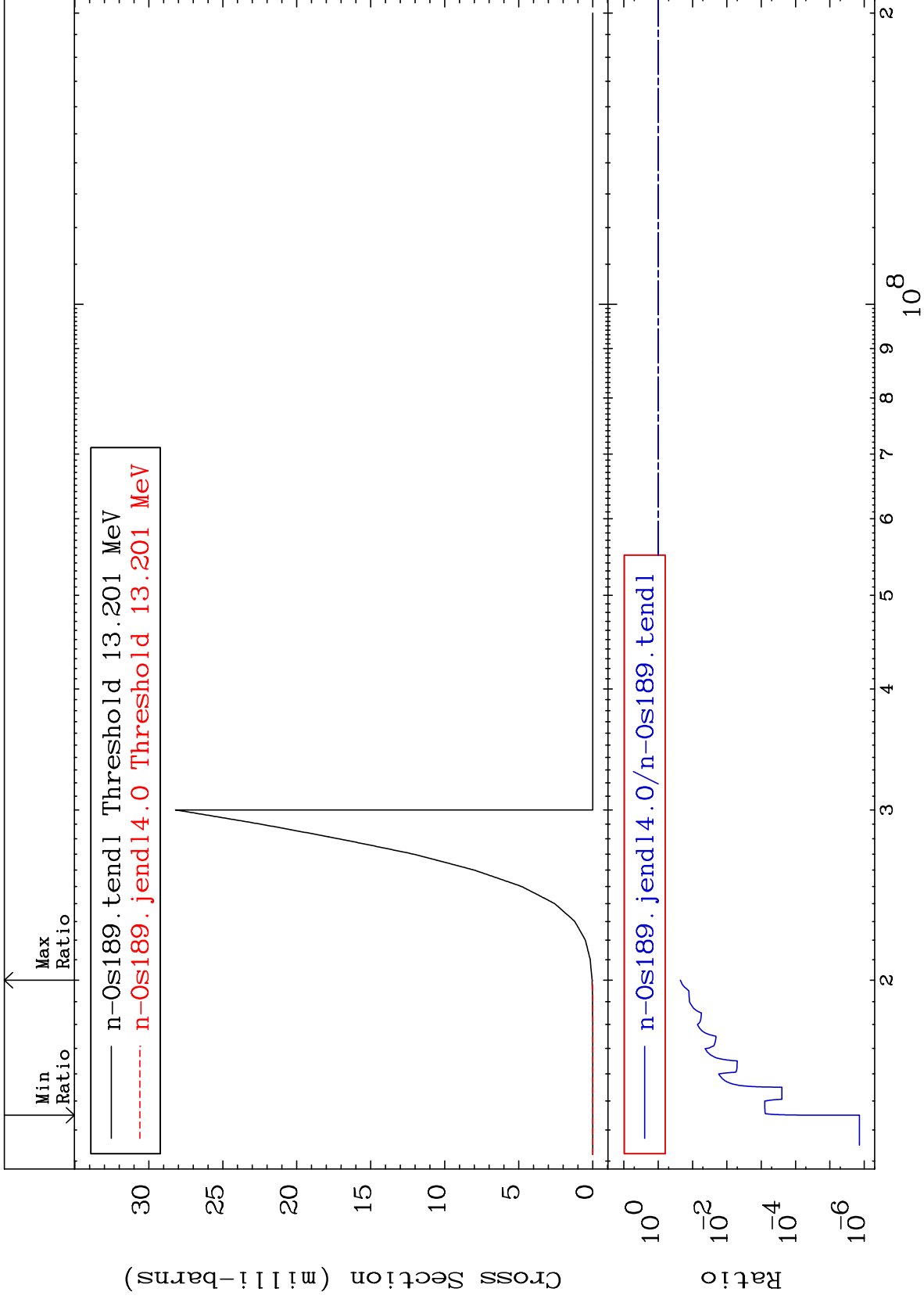
76-0s-189
-100.0 To 1410. %



10

Incident Energy (eV)

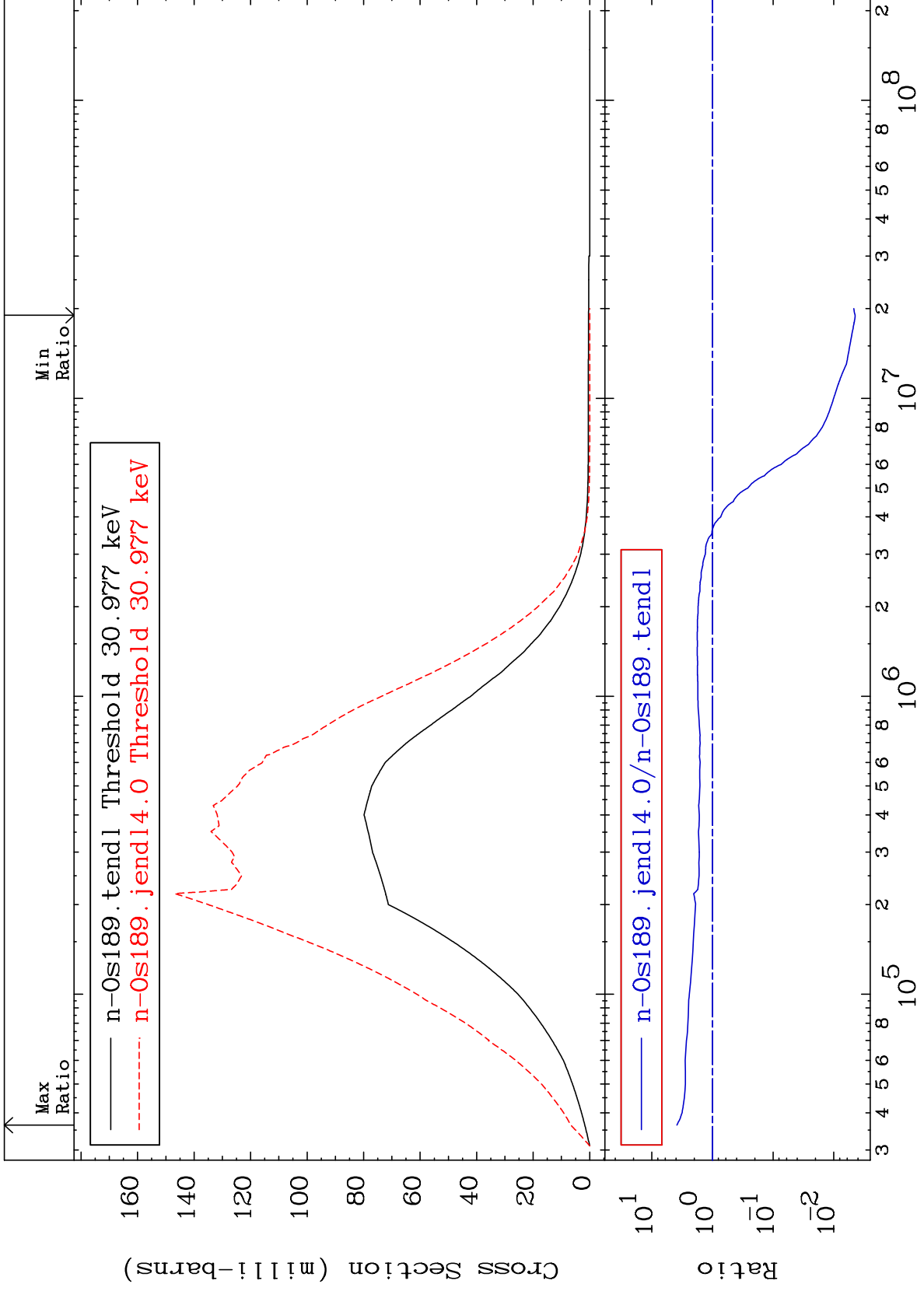
76-0s-189



MAT 7640

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

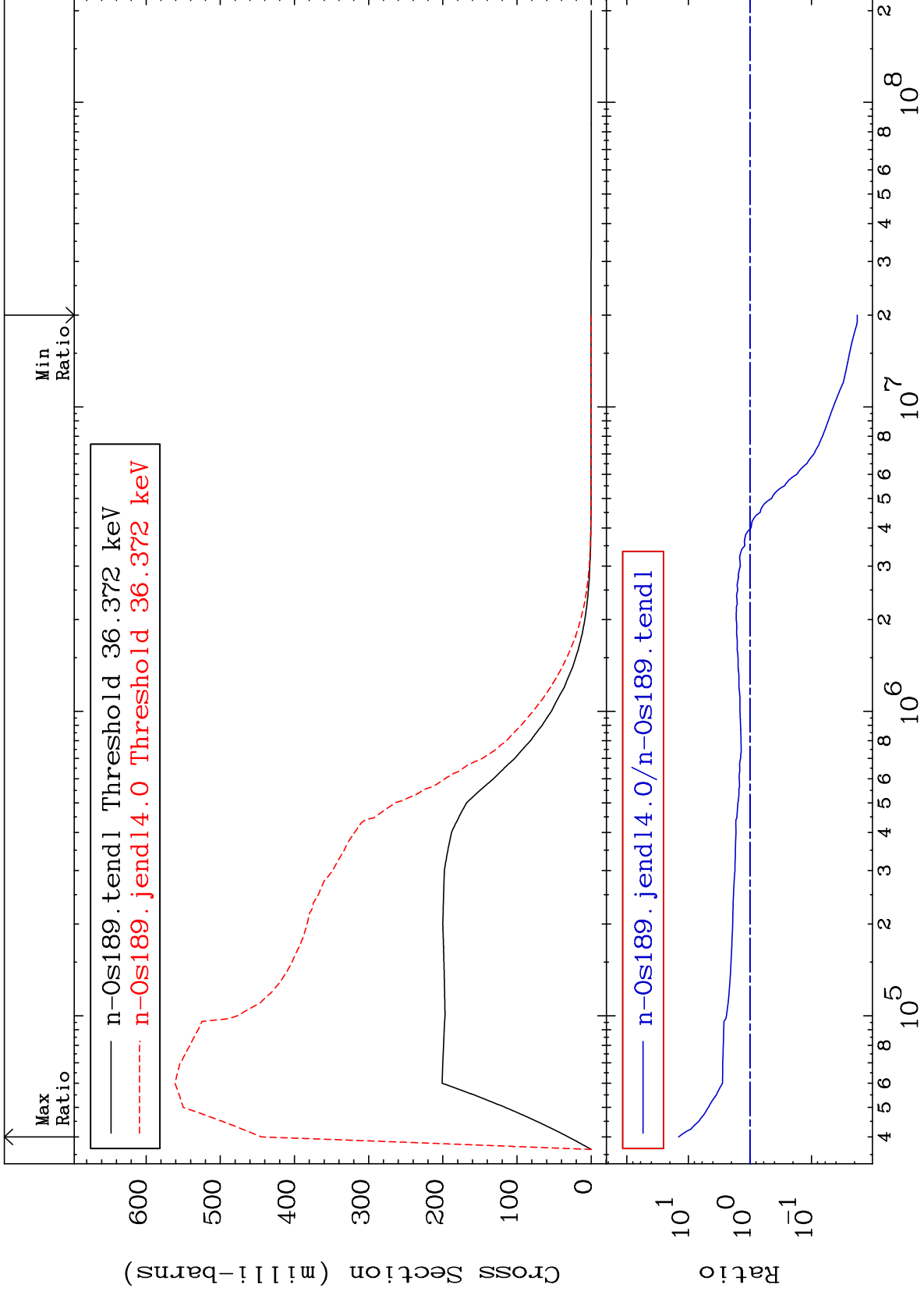
76-0s-189
-99.55 To 285.6 %



MAT 7640

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

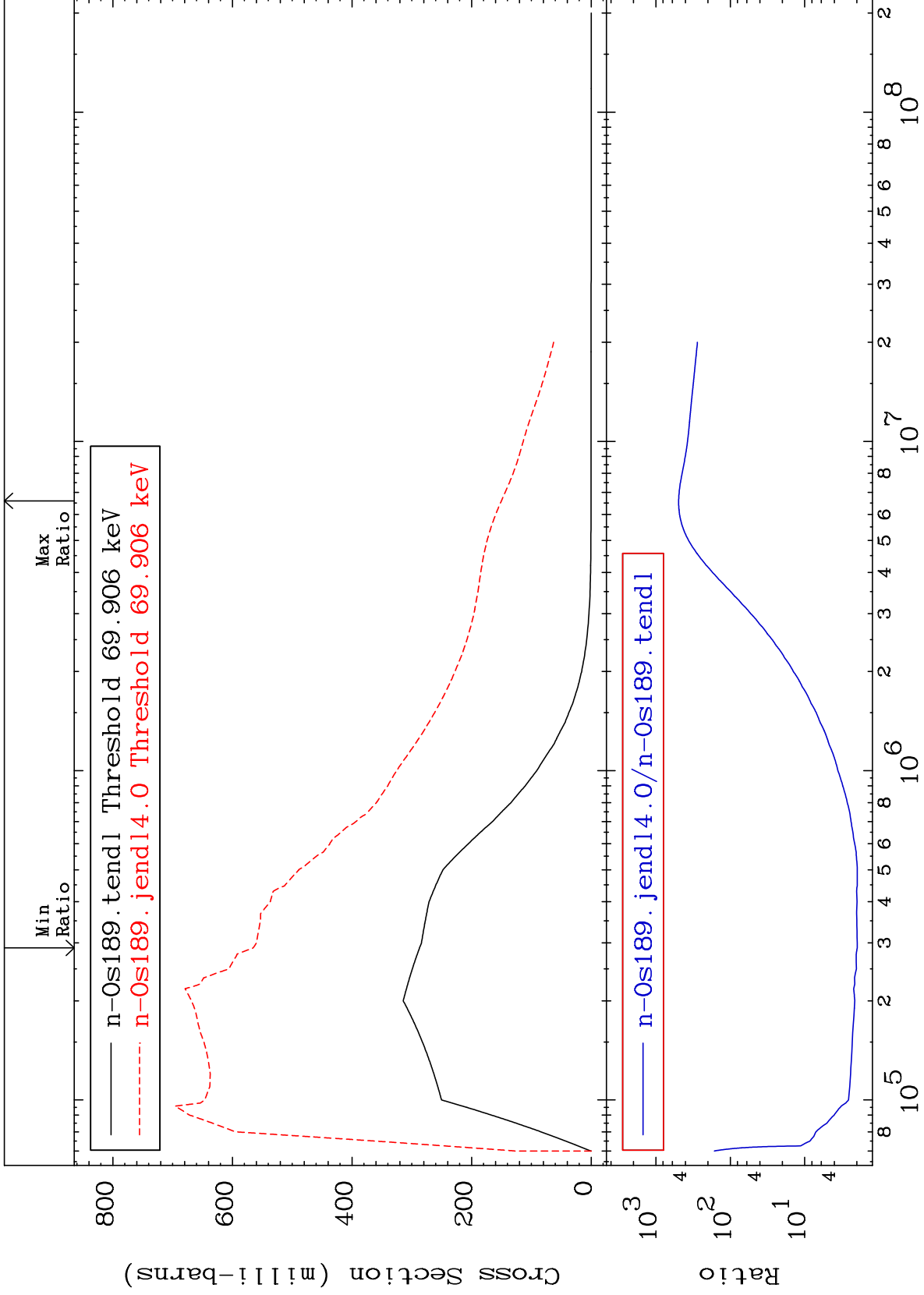
76-0s-189
-98.19 To 1340. %



MAT 7640

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

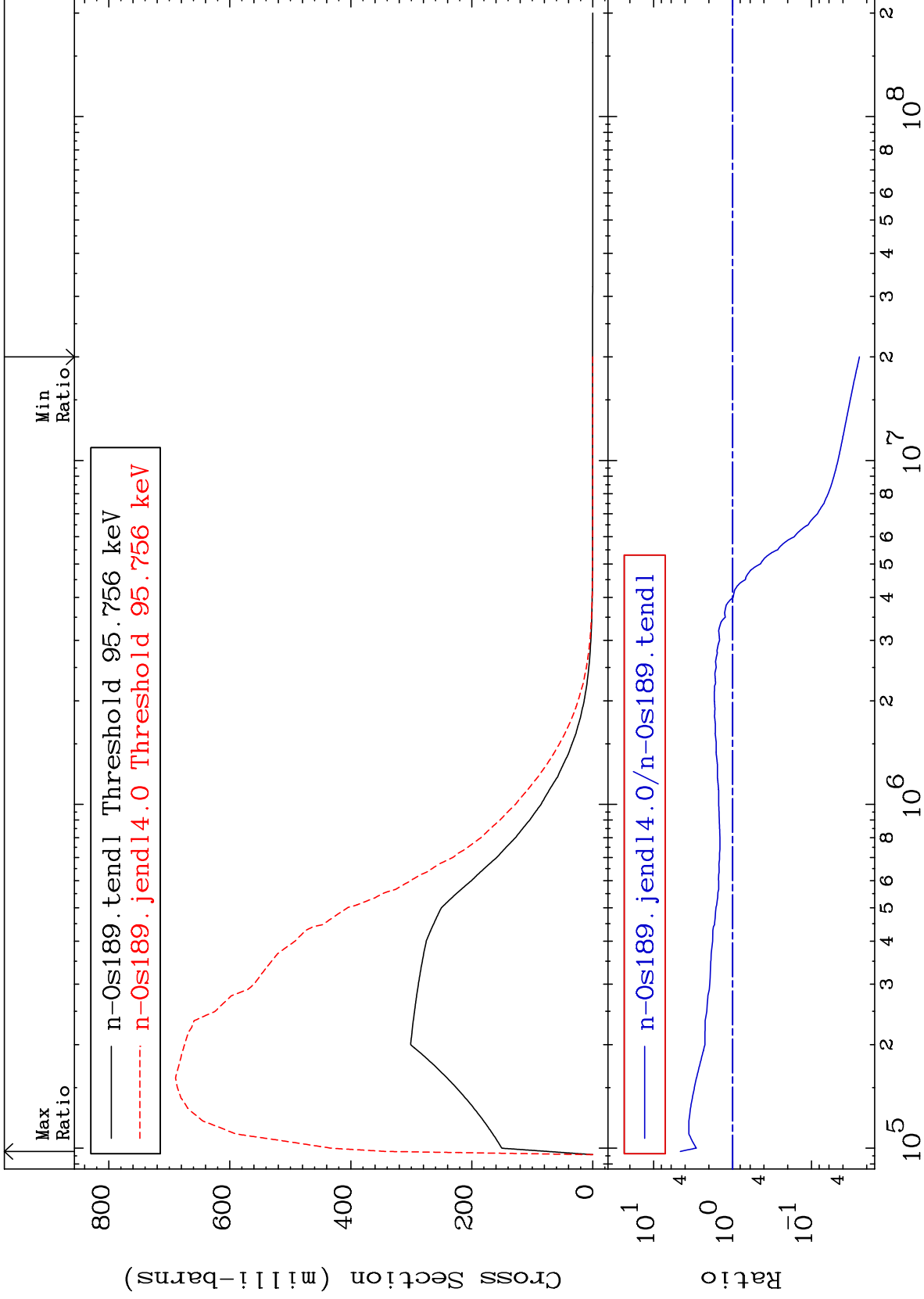
76-0s-189
96.94 To 9999. %



MAT 7640

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

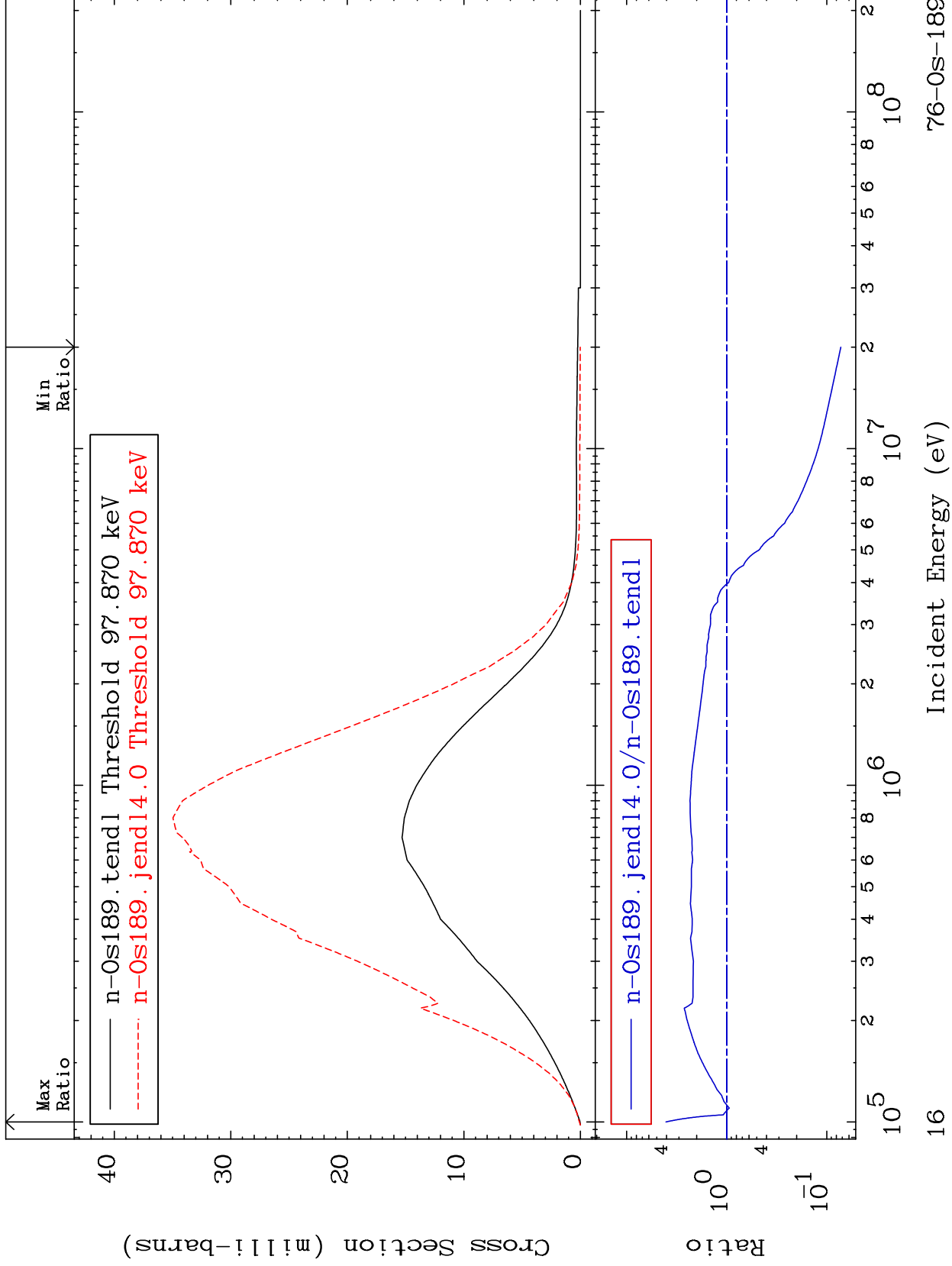
76-0s-189
-97.53 To 358.2 %



MAT 7640

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

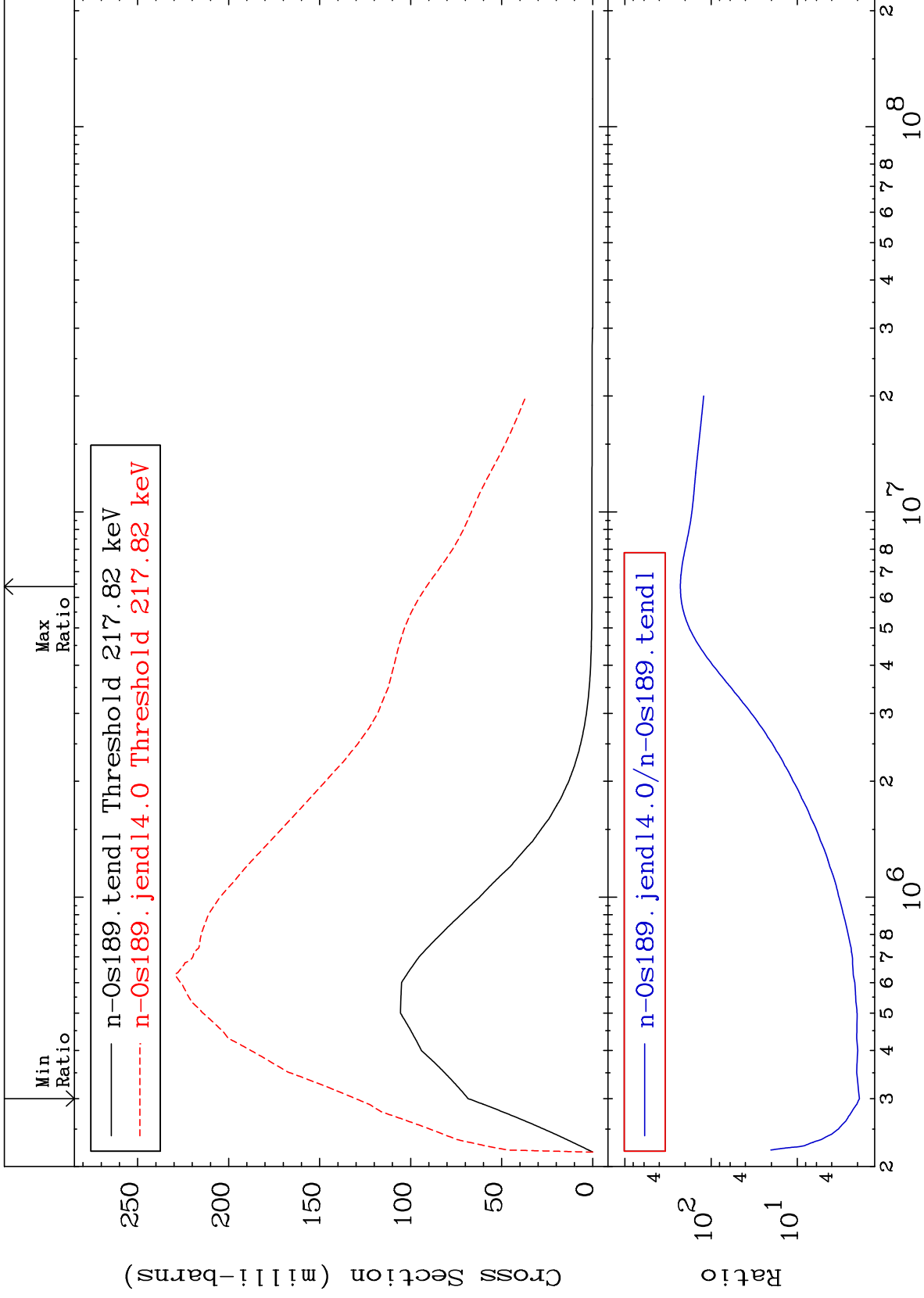
76-0s-189
-92.78 To 305.0 %



MAT 7640

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

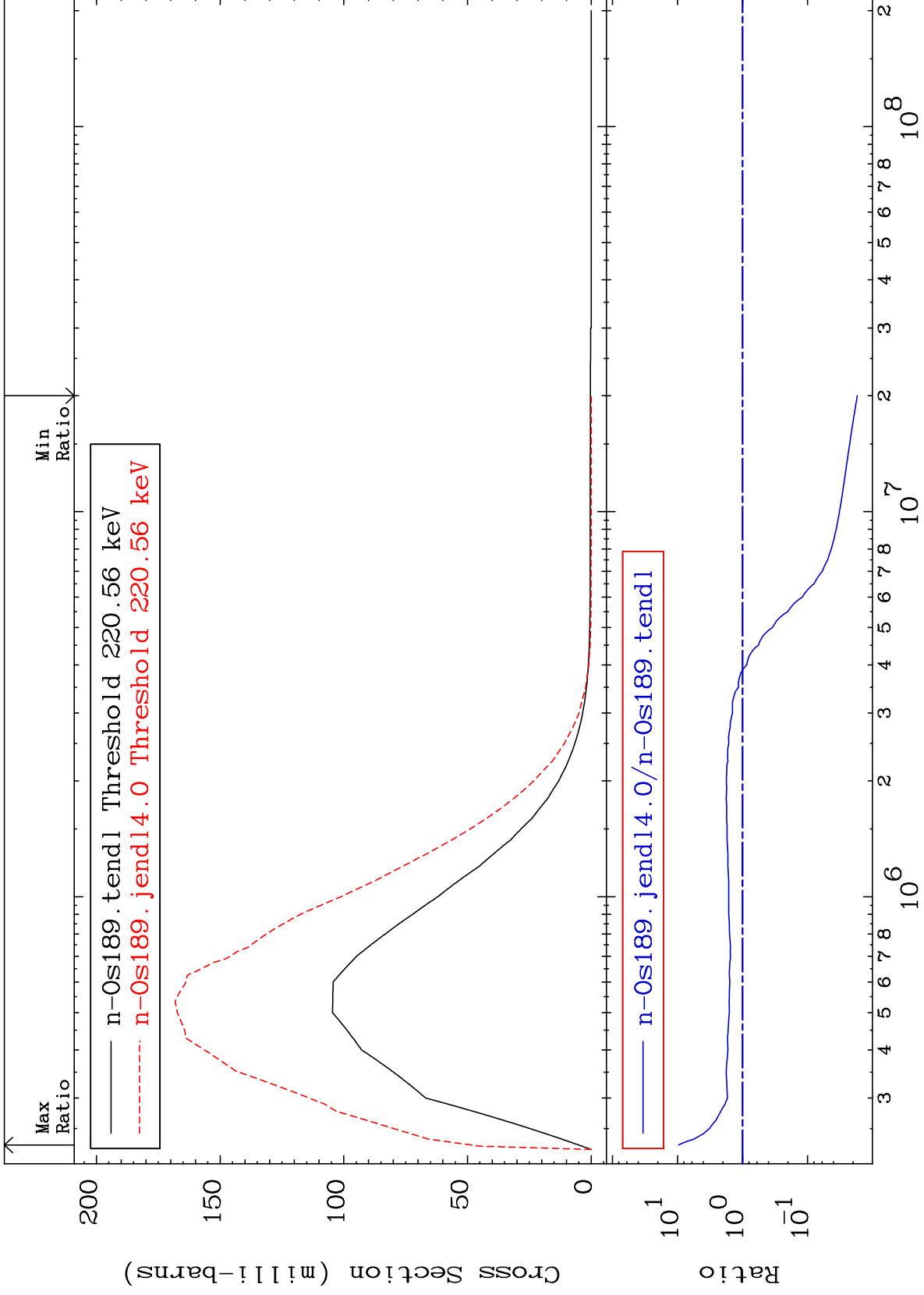
76-0s-189
90.39 To 9999. %



MAT 7640

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

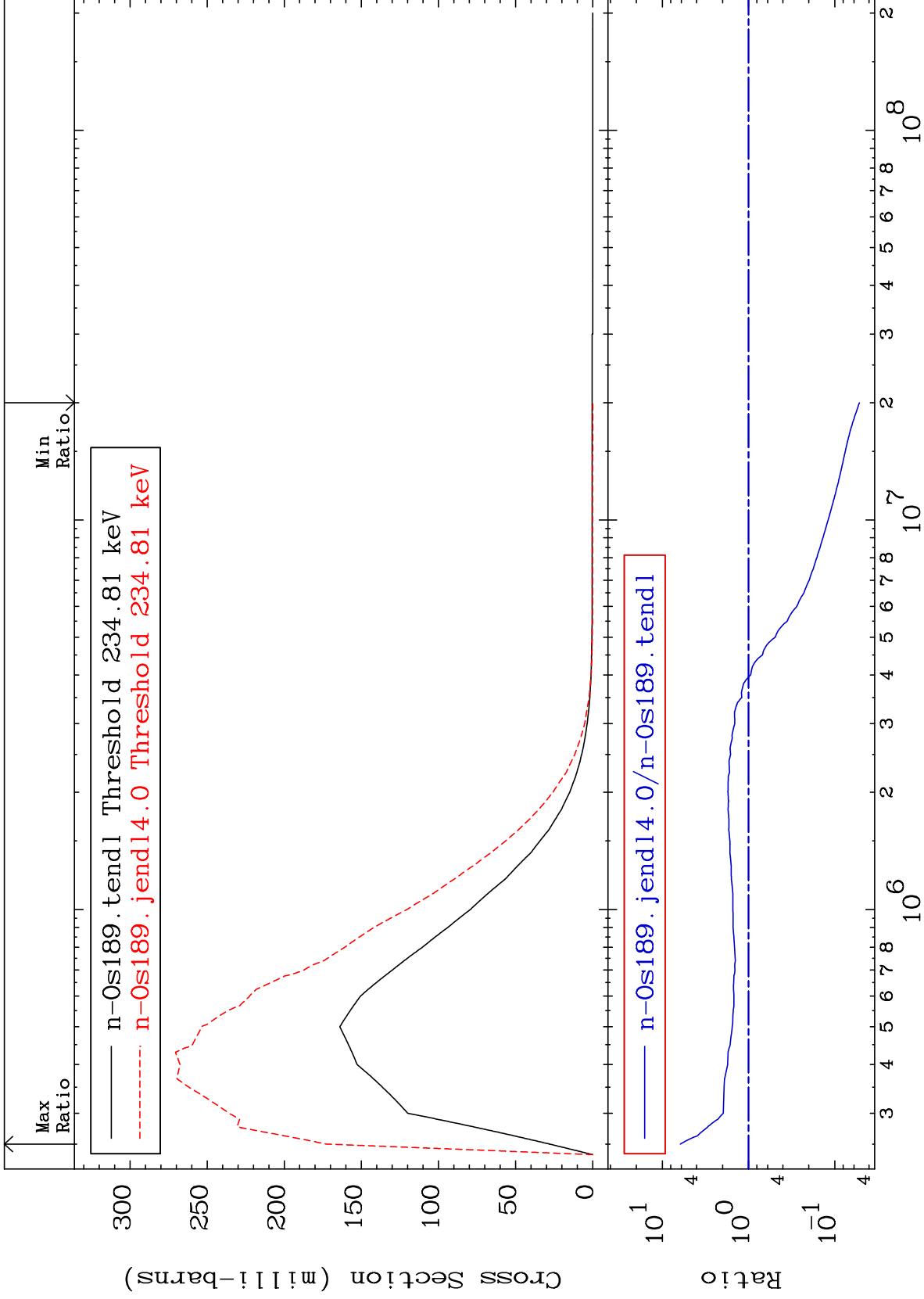
76-0s-189
-98.27 To 859.6 %



MAT 7640

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

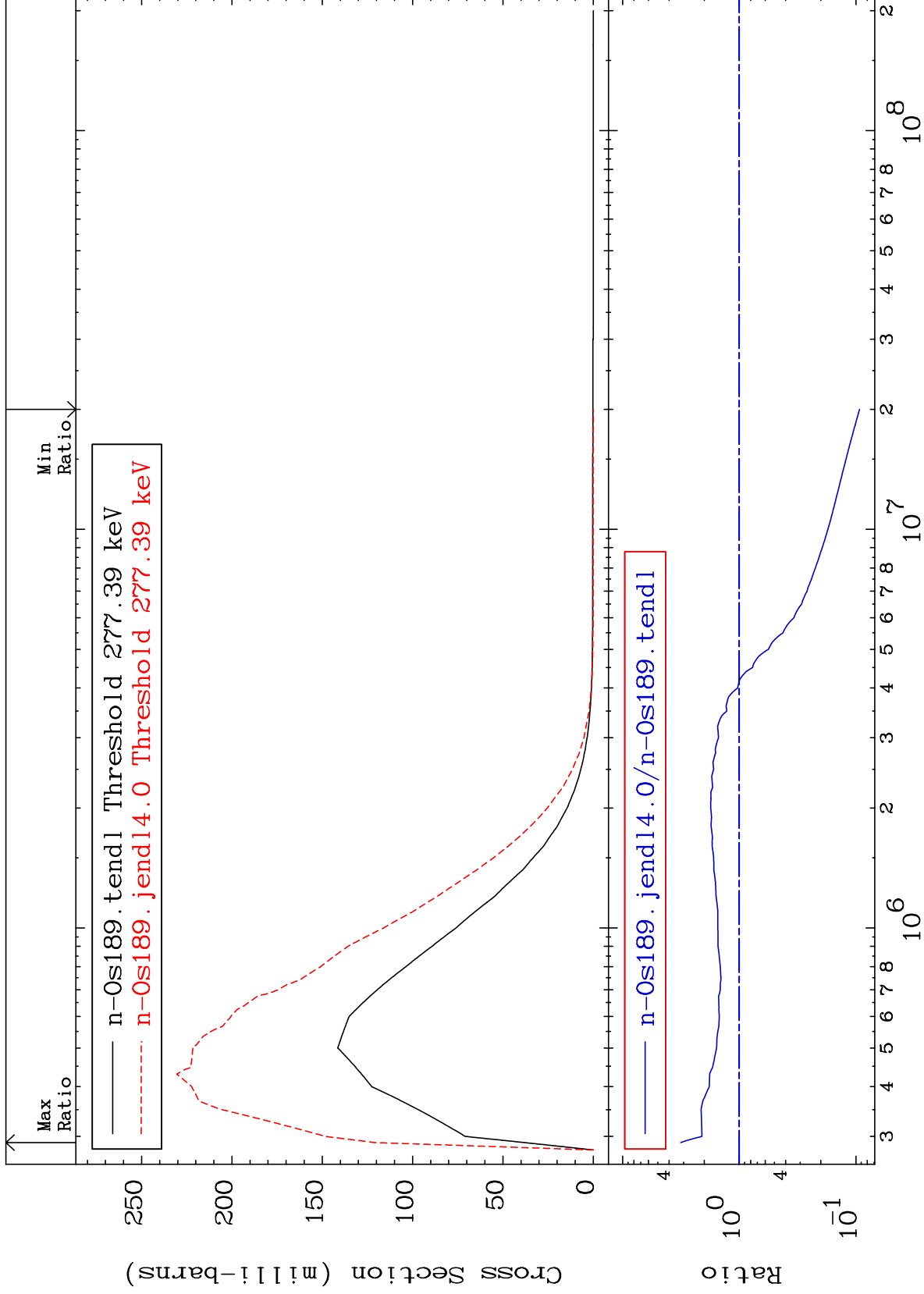
76-0s-189
-94.82 To 517.9 %



MAT 7640

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

76-0s-189
-90.69 To 217.6 %



20

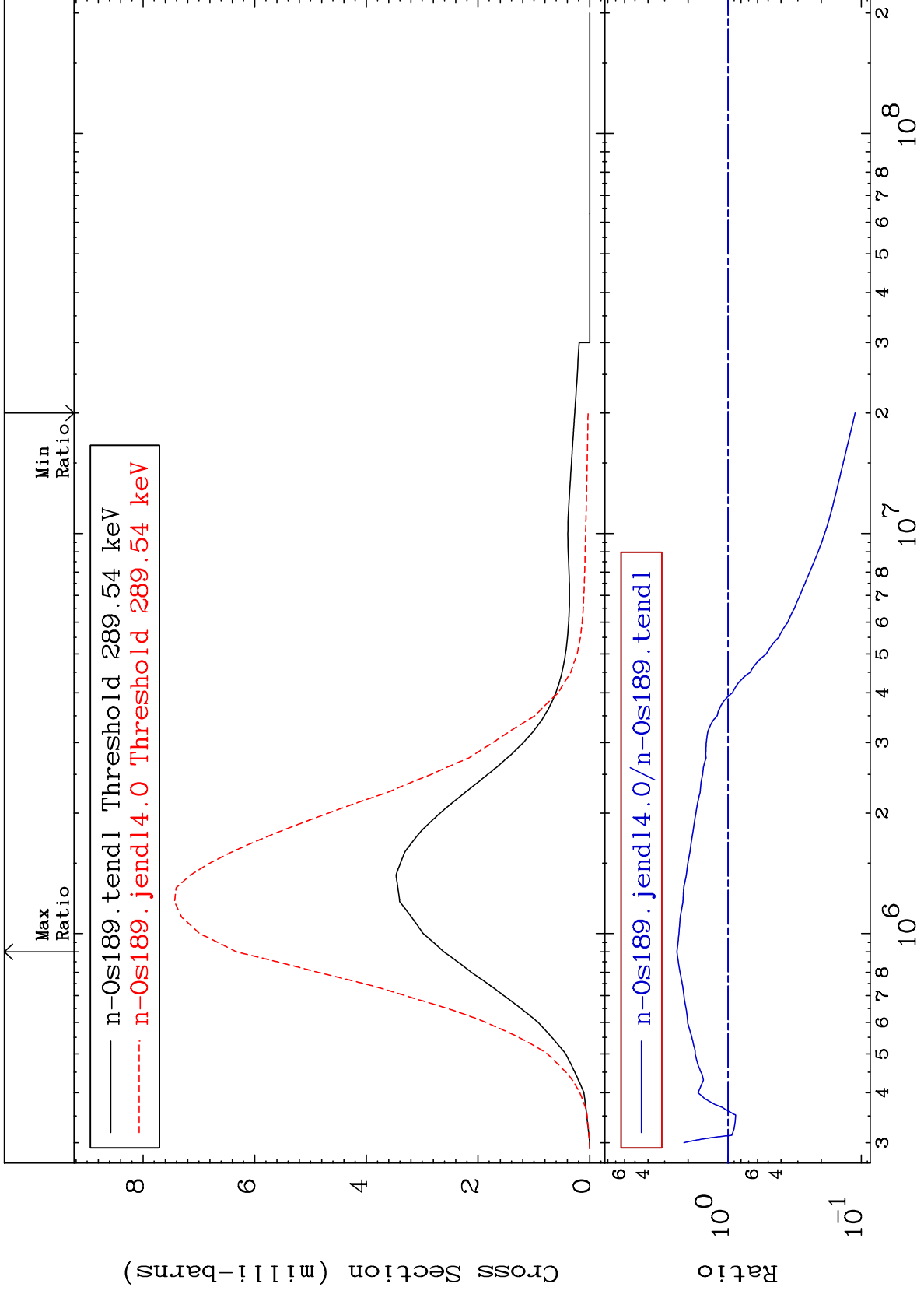
Incident Energy (eV)

76-0s-189

MAT 7640

MT= 60 (n,n') Level
Cross Section

76-0s-189
-88.88 To 142.4 %



21

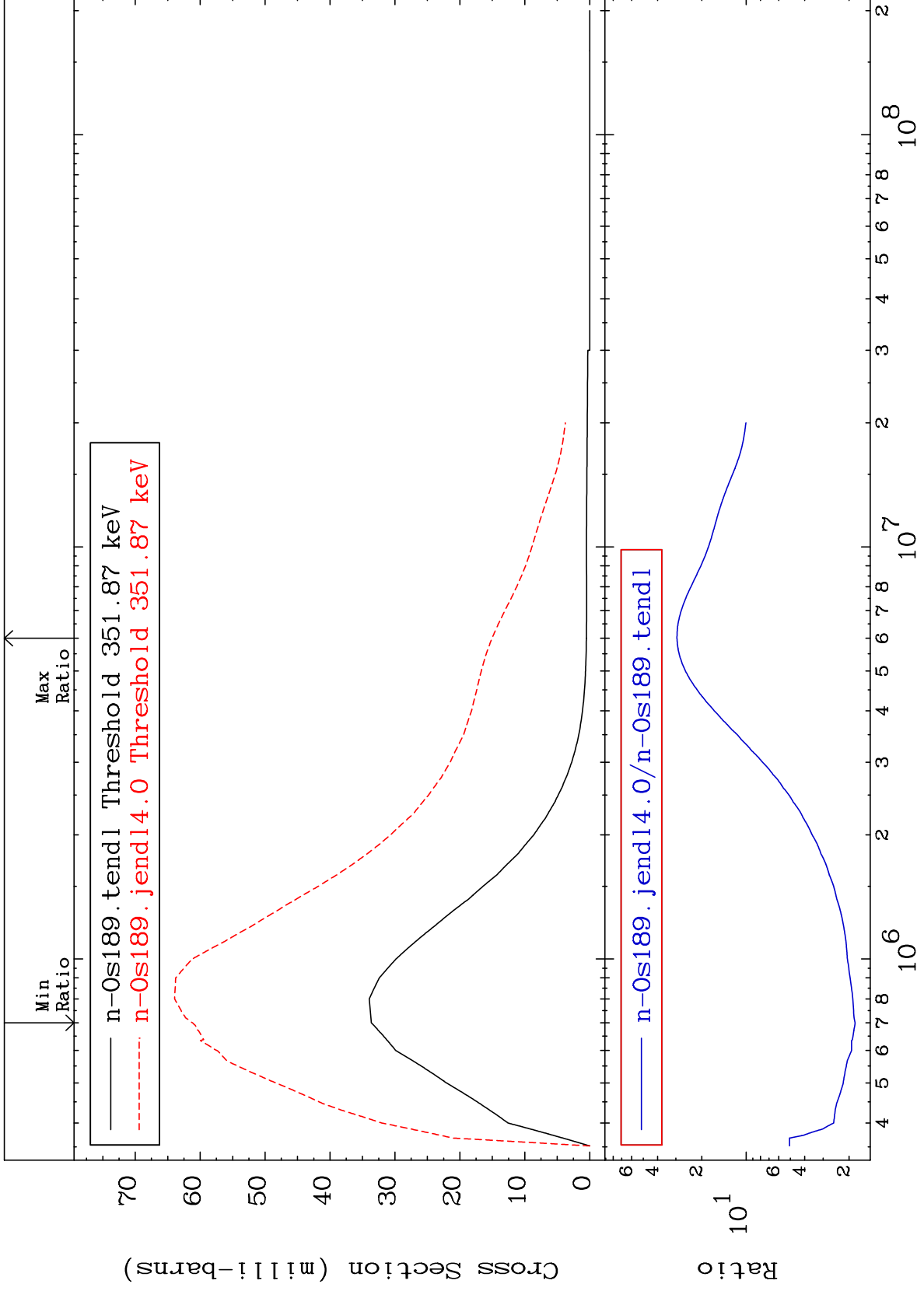
Incident Energy (eV)

76-0s-189

MAT 7640

MT= 61 (n,n') Level
Cross Section

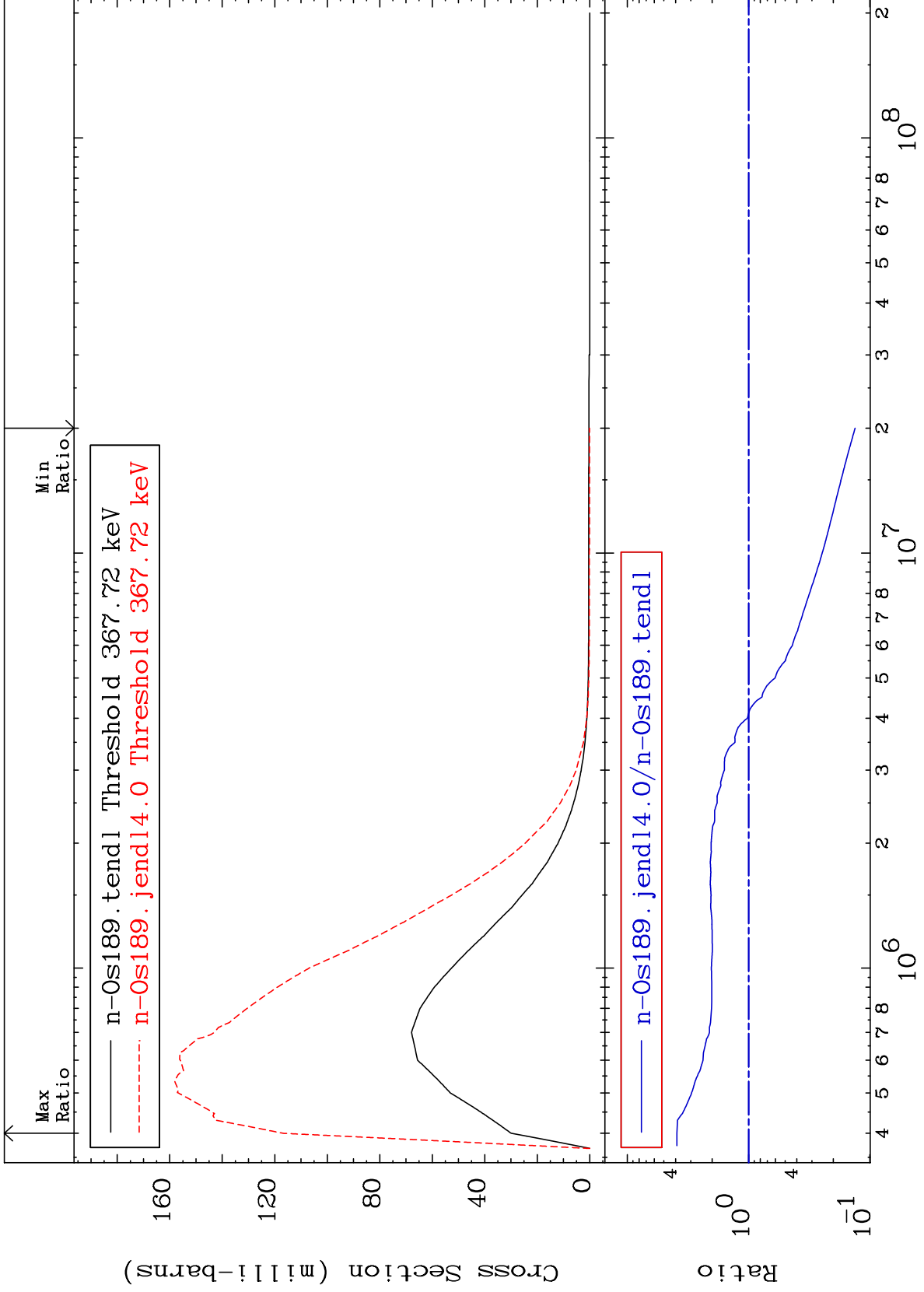
76-0s-189
81.93 To 2851. %



MAT 7640

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

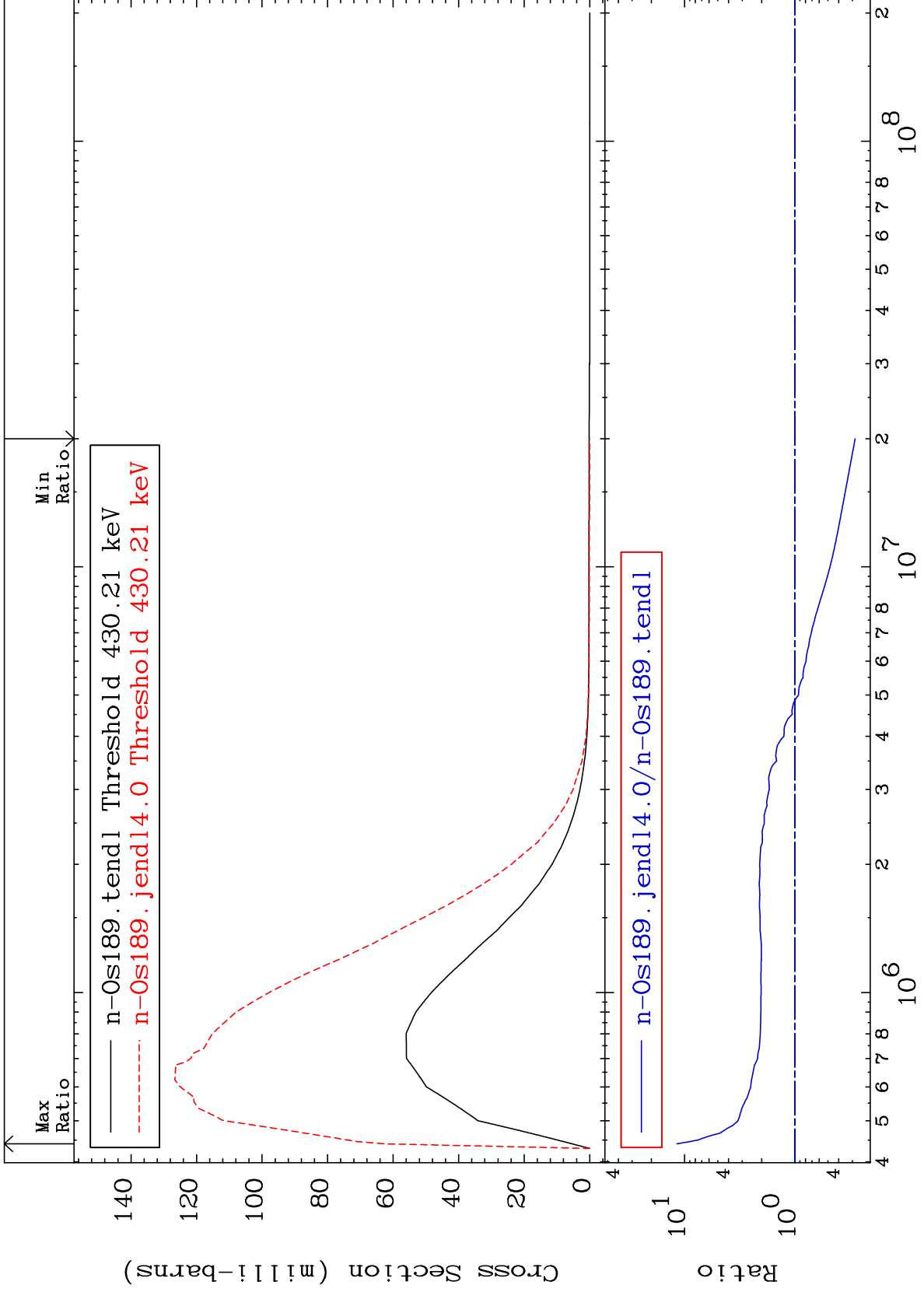
76-0s-189
-86.76 To 290.2 %



MAT 7640

MT= 63 (n,n') Level
Cross Section

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



24

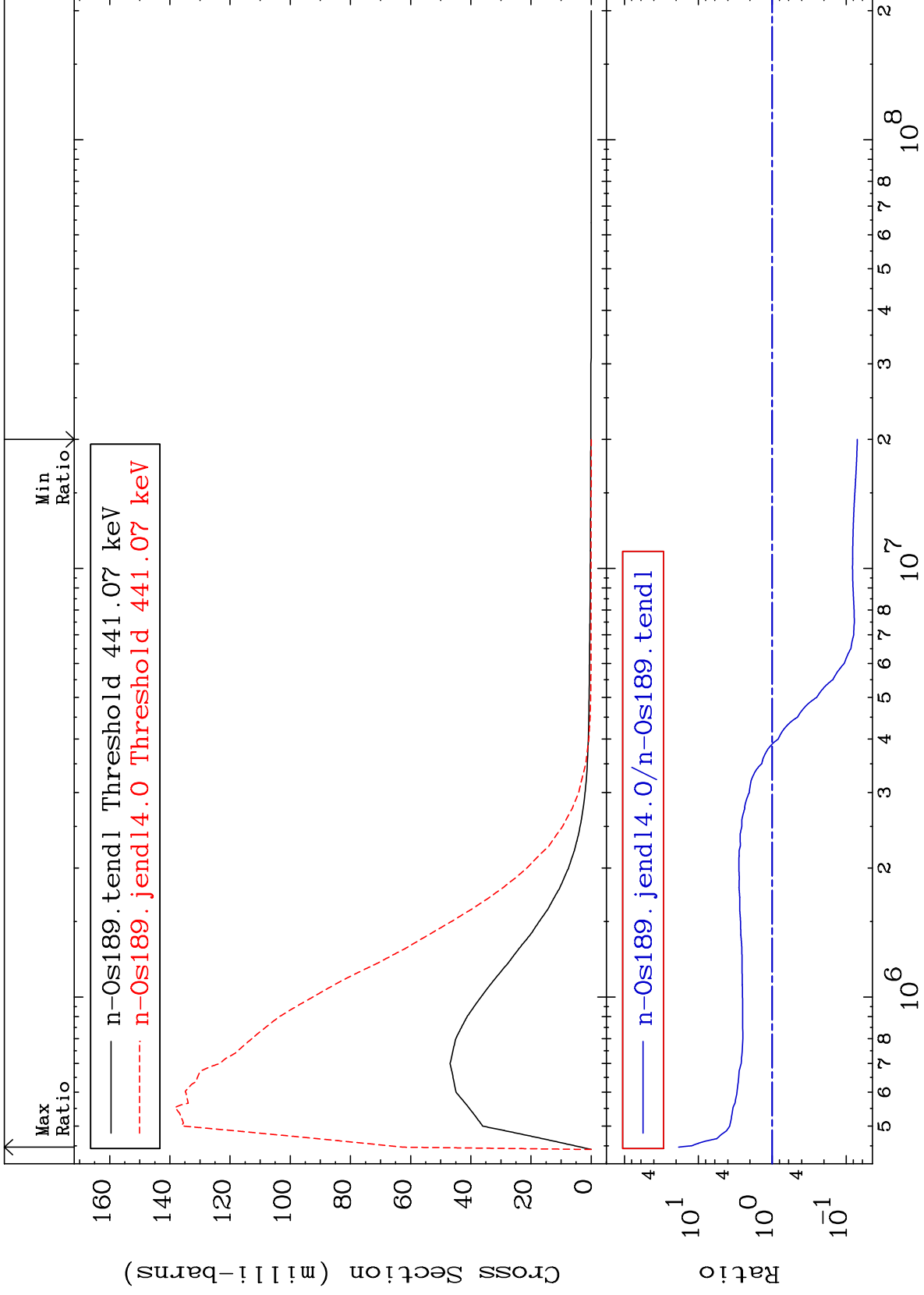
Incident Energy (eV)

76-0s-189

MAT 7640

MT= 64 (n,n') Level
Cross Section

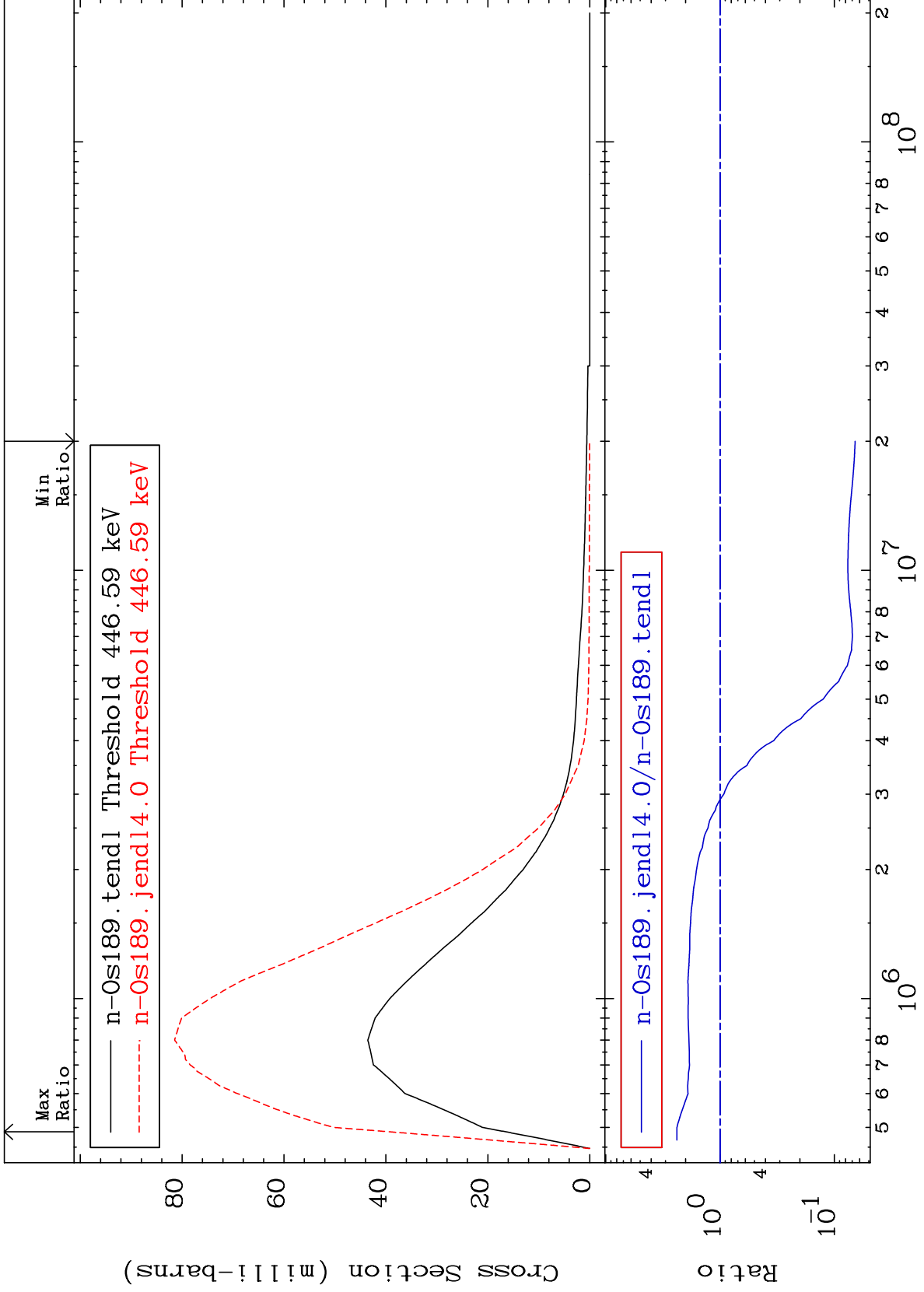
76-0s-189
-92.93 To 1750. %



MAT 7640

MT= 65 (n,n') Level
Cross Section

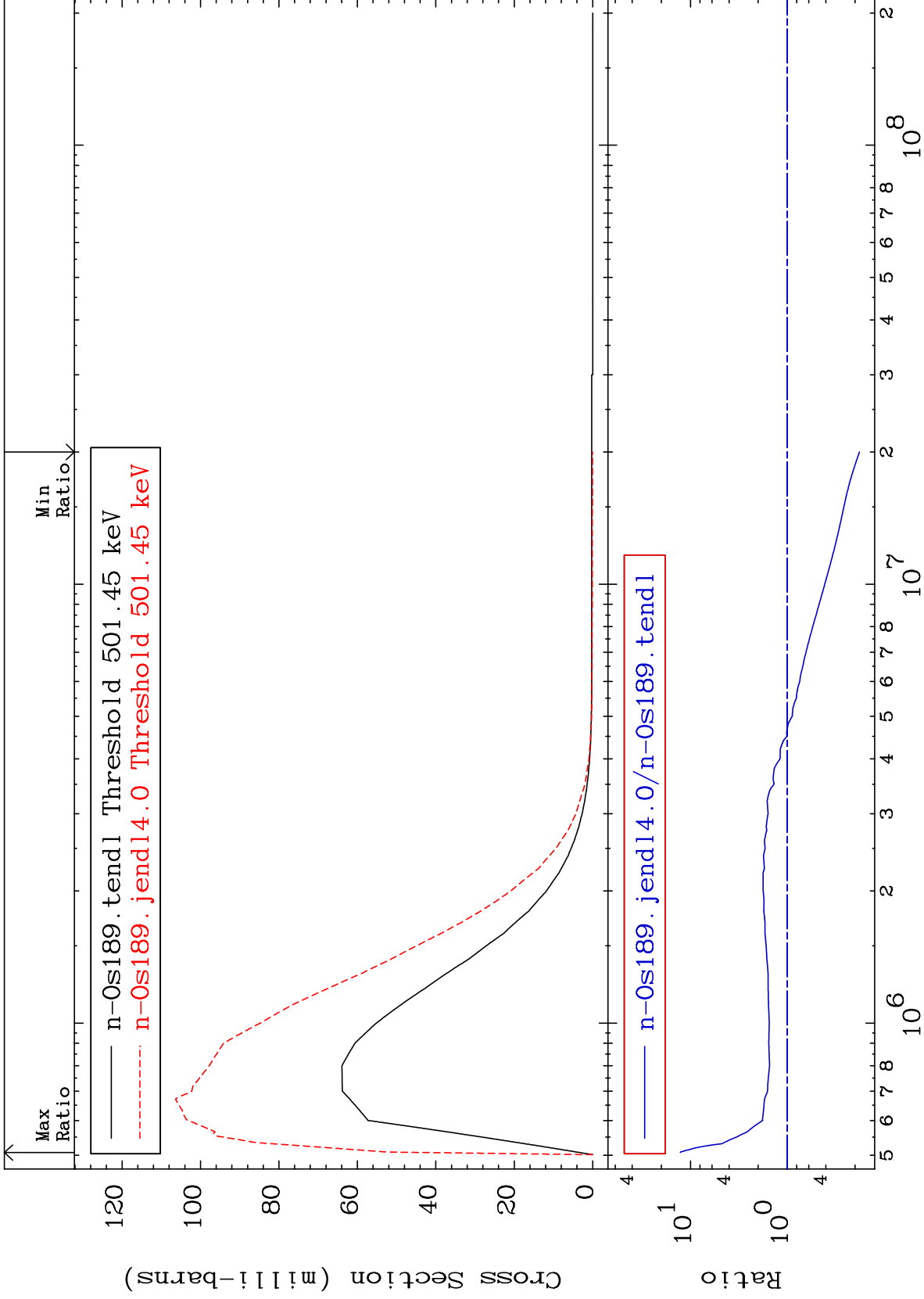
76-0s-189
-93.41 To 138.4 %



MAT 7640

MT= 66 (n,n') Level
Cross Section

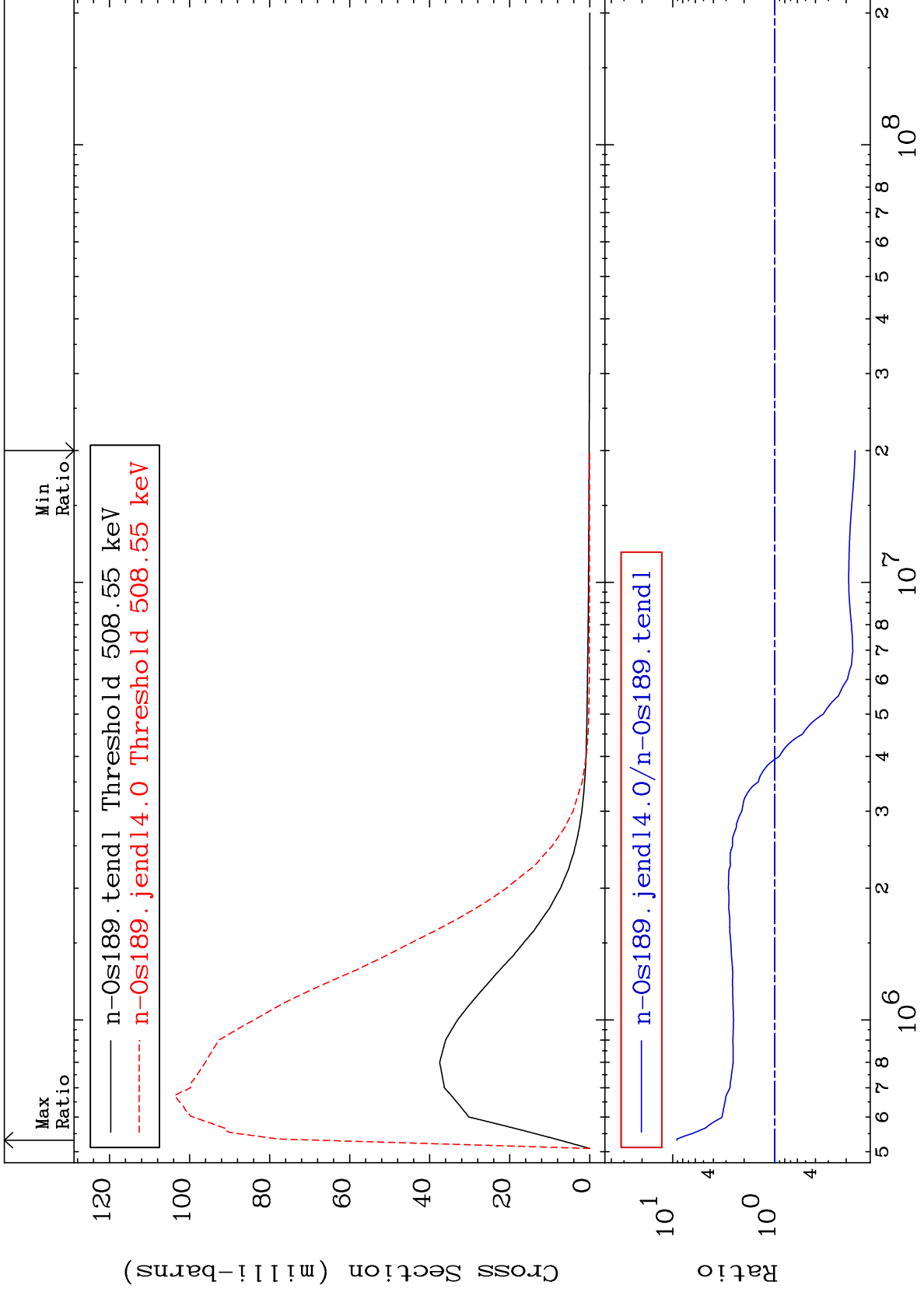
76-0s-189
-82.02 To 1173. %



MAT 7640

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

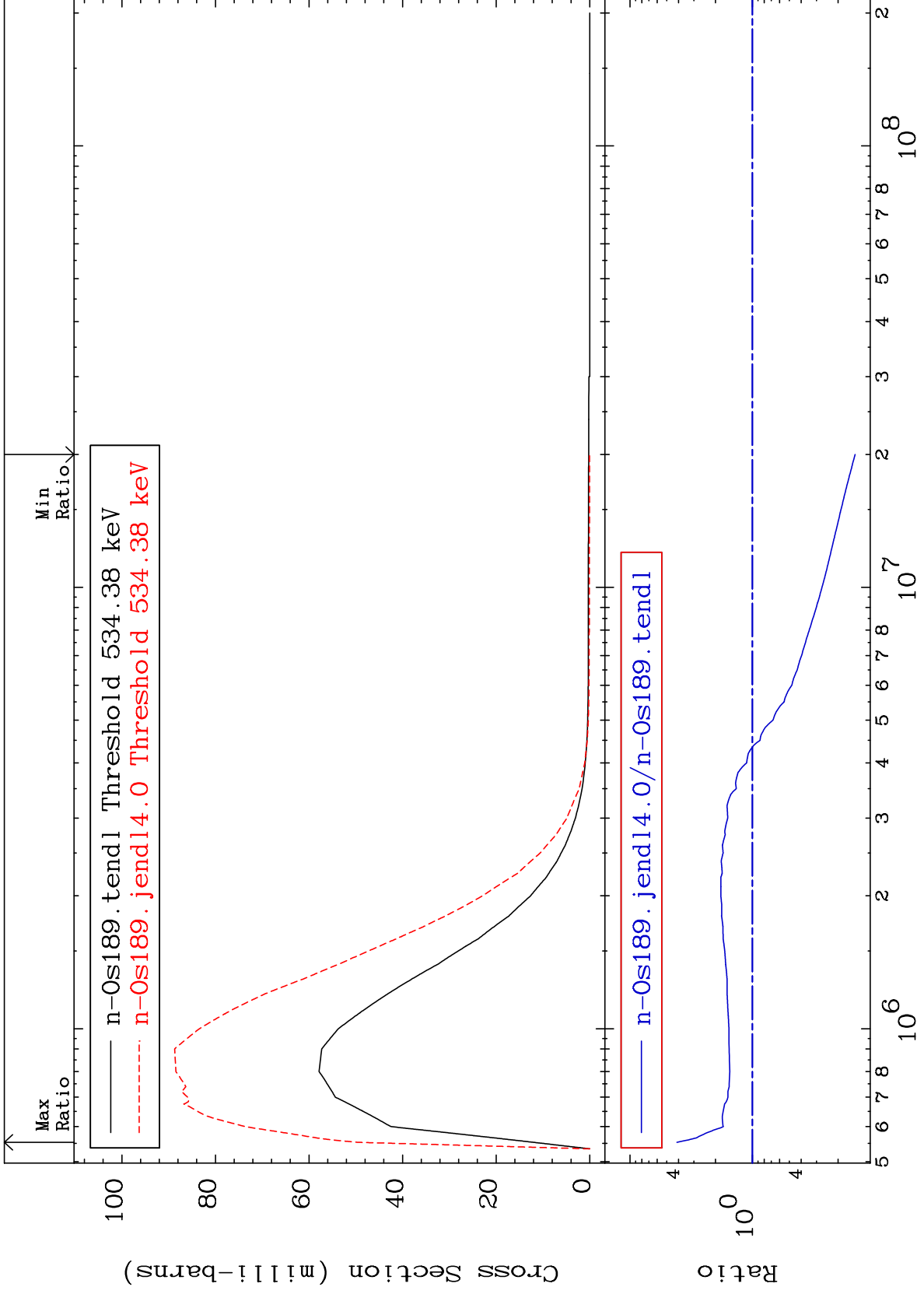
76-0s-189
-83.63 To 810.6 %



MAT 7640

MT= 68 (n,n') Level
Cross Section

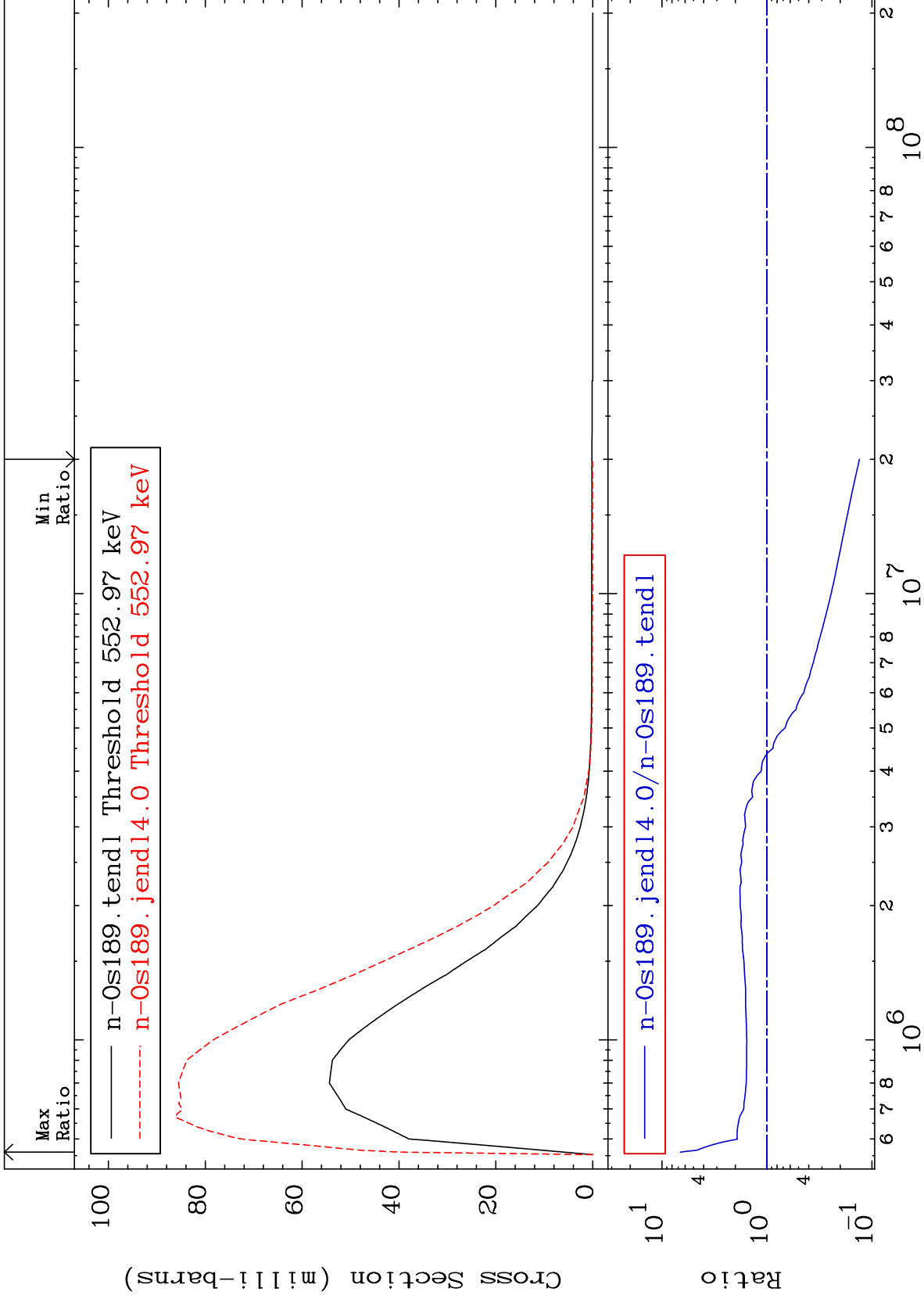
76-0s-189
-85.50 To 313.1 %



MAT 7640

MT= 69 (n,n') Level
Cross Section

76-0s-189
-86.86 To 567.1 %



30

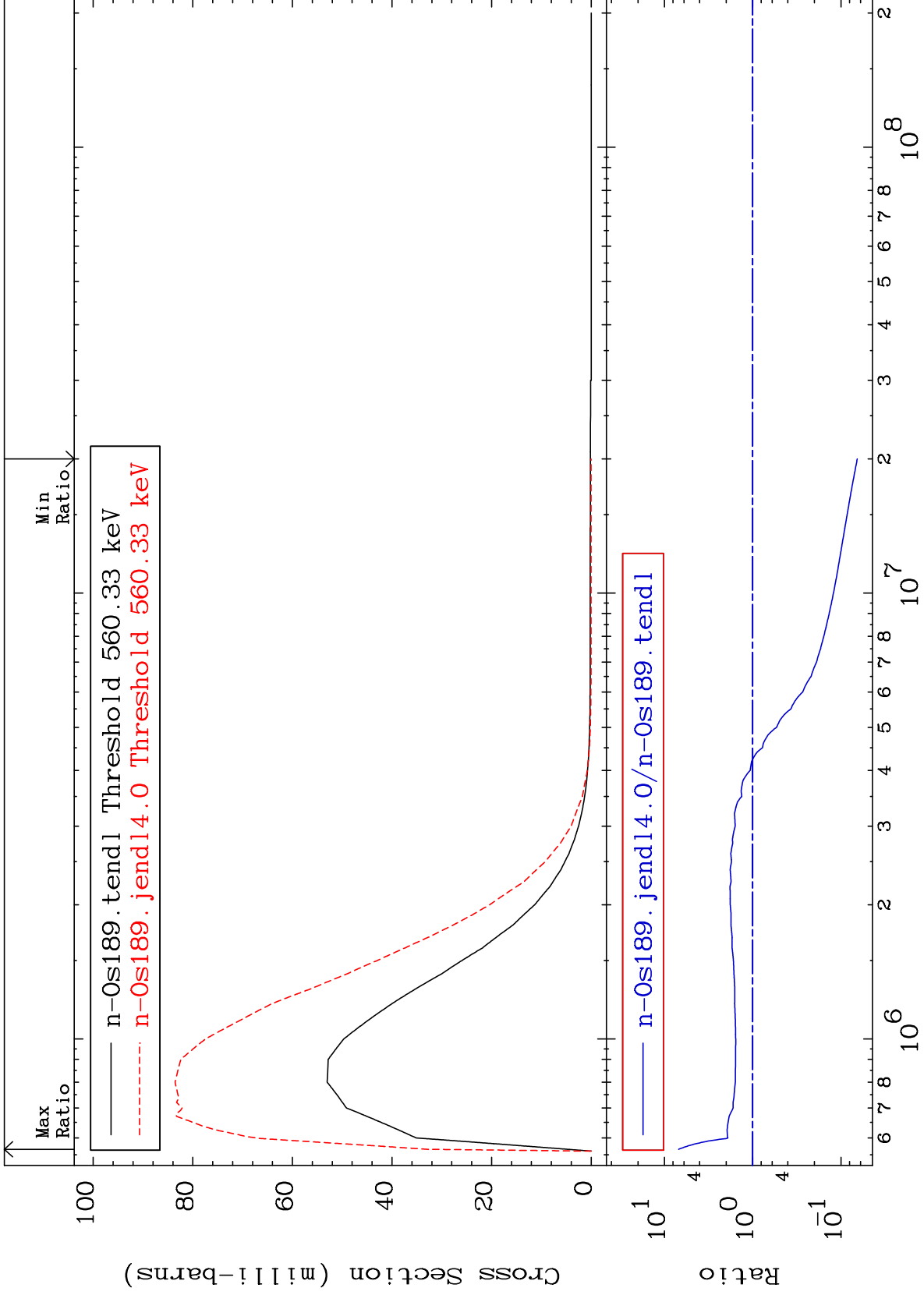
Incident Energy (eV)

76-0s-189

MAT 7640

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

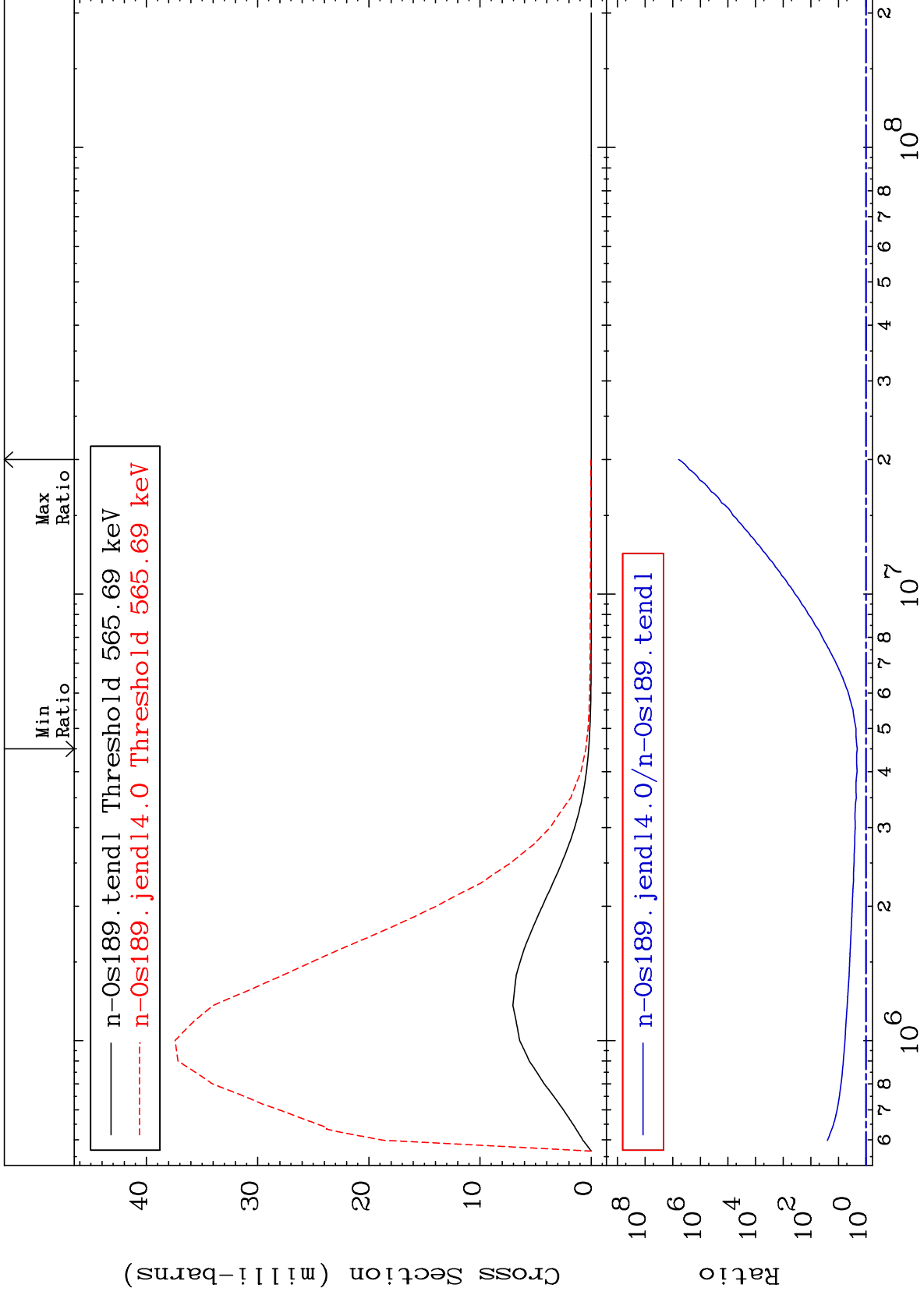
76-0s-189
-93.47 To 591.3 %



MAT 7640

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

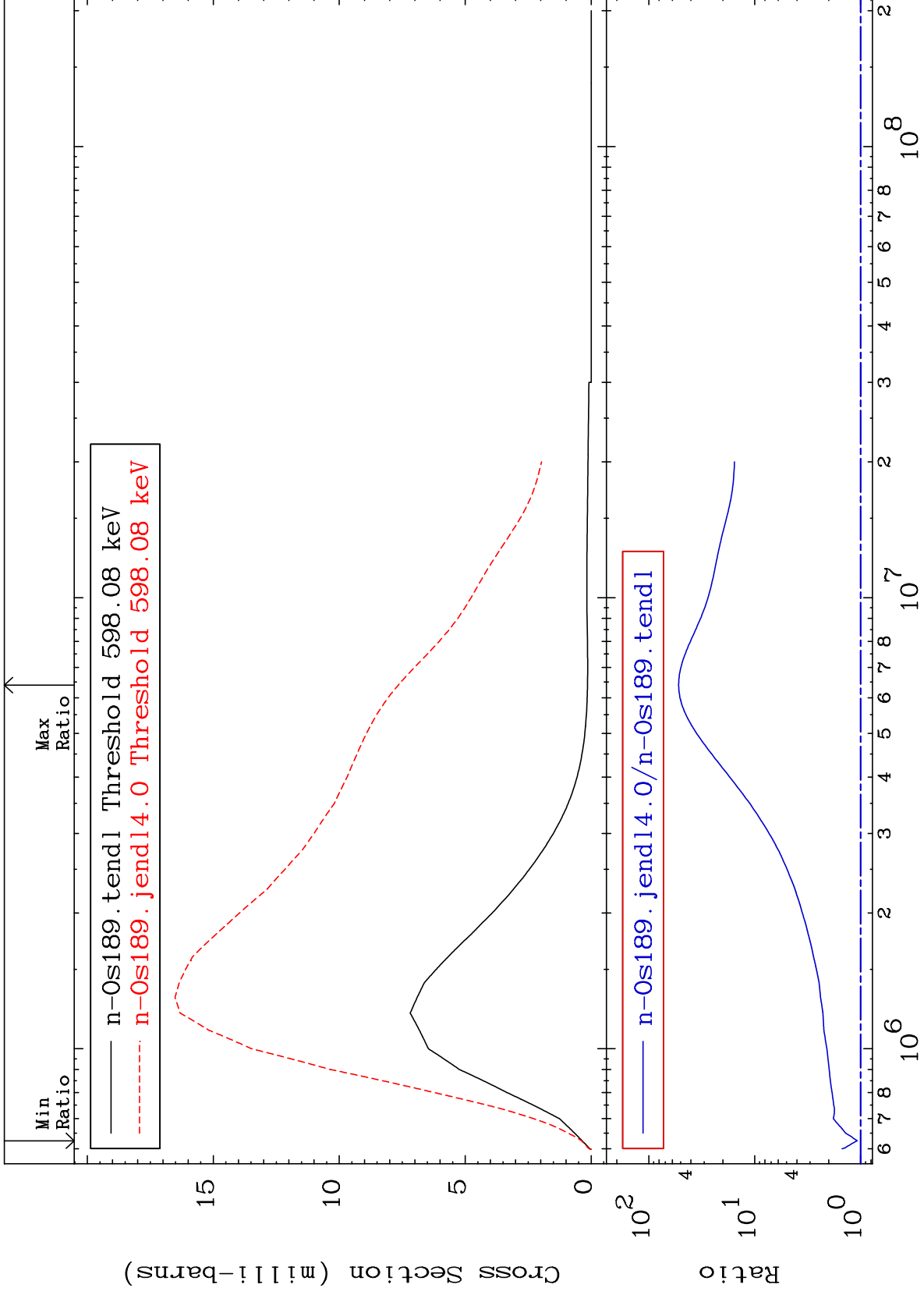
76-0s-189
108.7 To 9999. %



MAT 7640

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

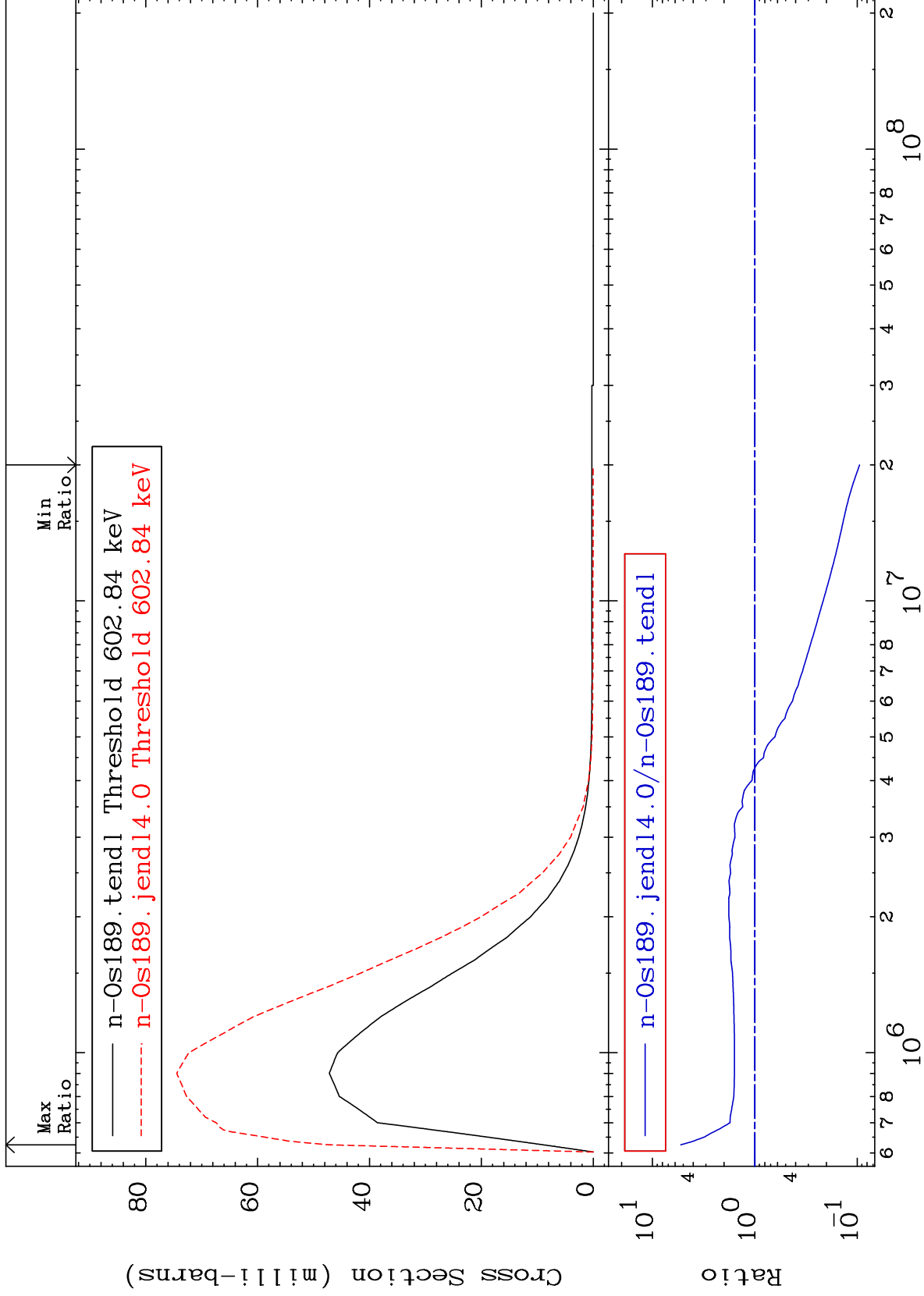
76-0s-189
7.693 To 5128. %



MAT 7640

MT= 73 (n,n') Level
Cross Section

76-0s-189
-90.52 To 428.6 %



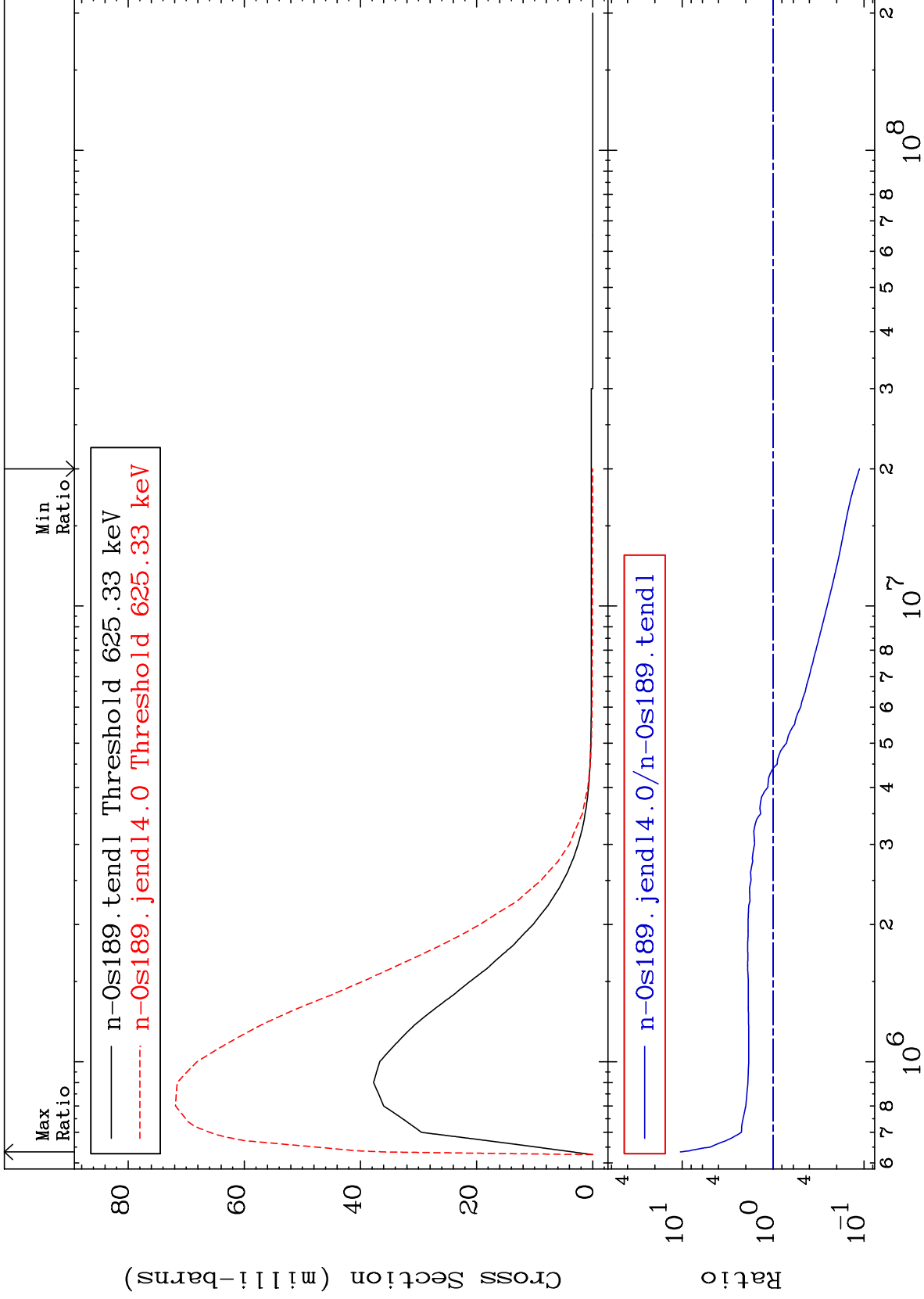
34

76-0s-189

MAT 7640

MT= 74 (n,n') Level
Cross Section

76-0s-189
-88.77 To 949.1 %



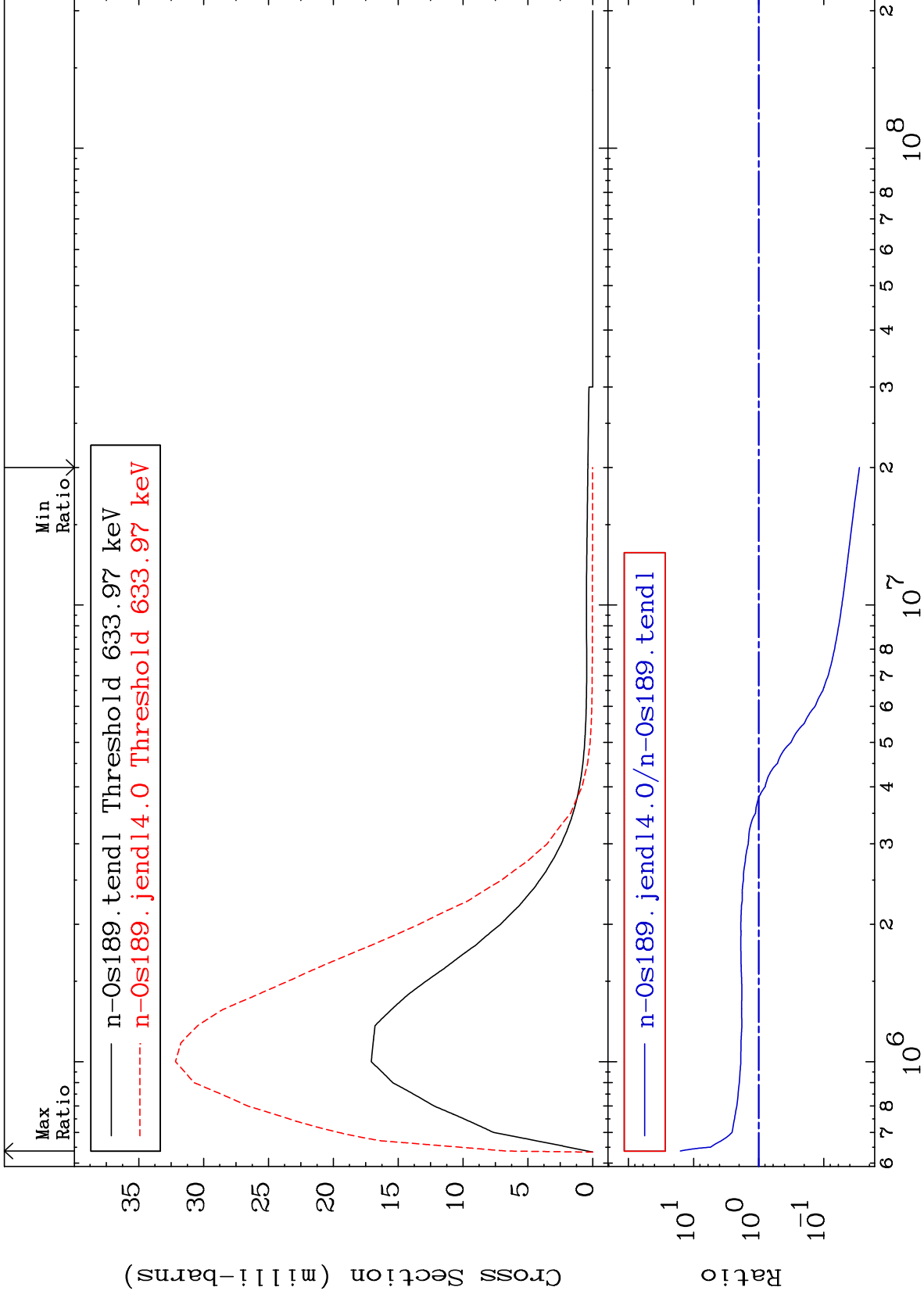
35

76-0s-189

MAT 7640

MT= 75 (n,n') Level
Cross Section

76-0s-189
-97.16 To 1497. %



36

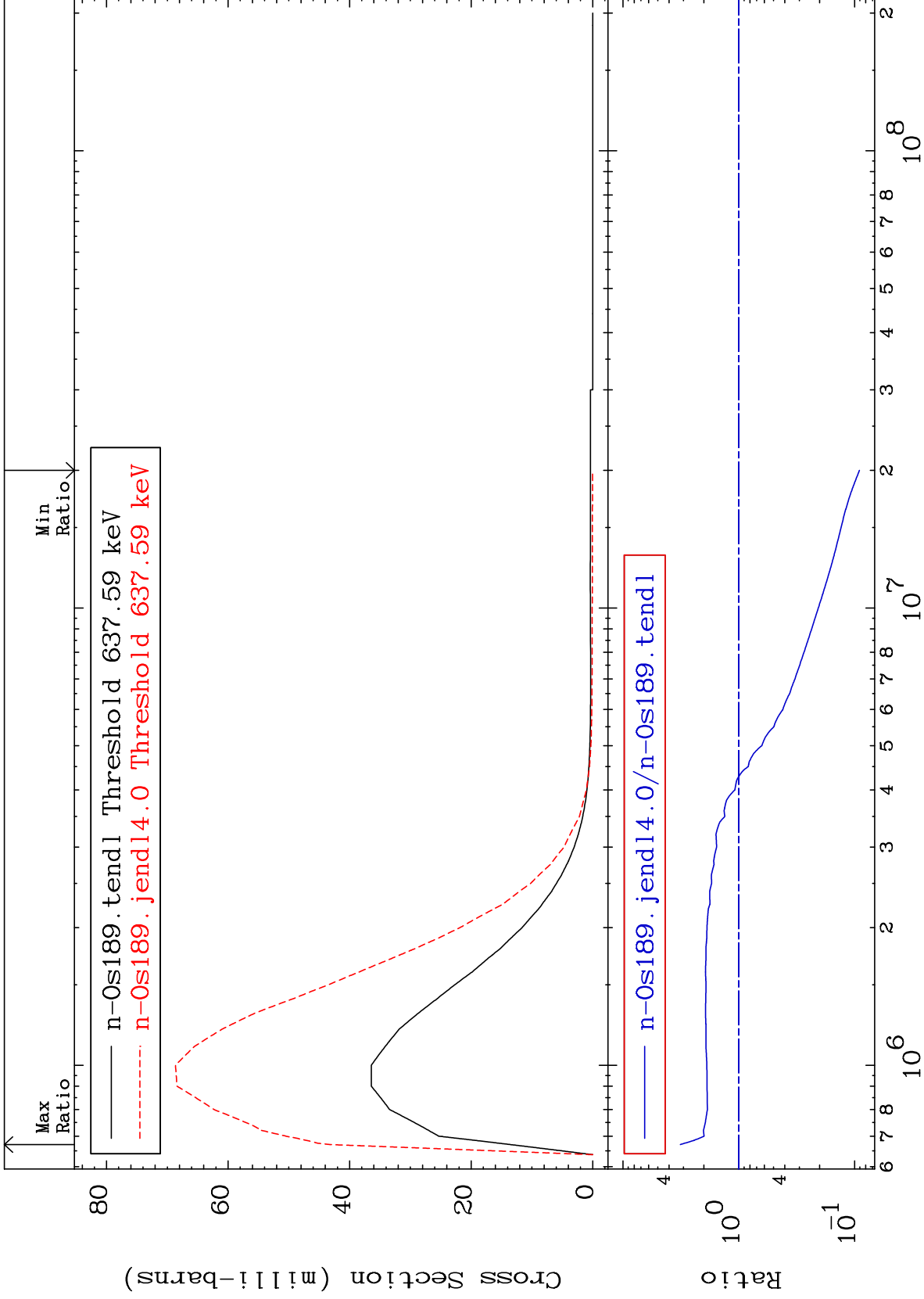
Incident Energy (eV)

76-0s-189

MAT 7640

MT= 76 (n,n') Level
Cross Section

76-0s-189
-90.93 To 219.2 %



37

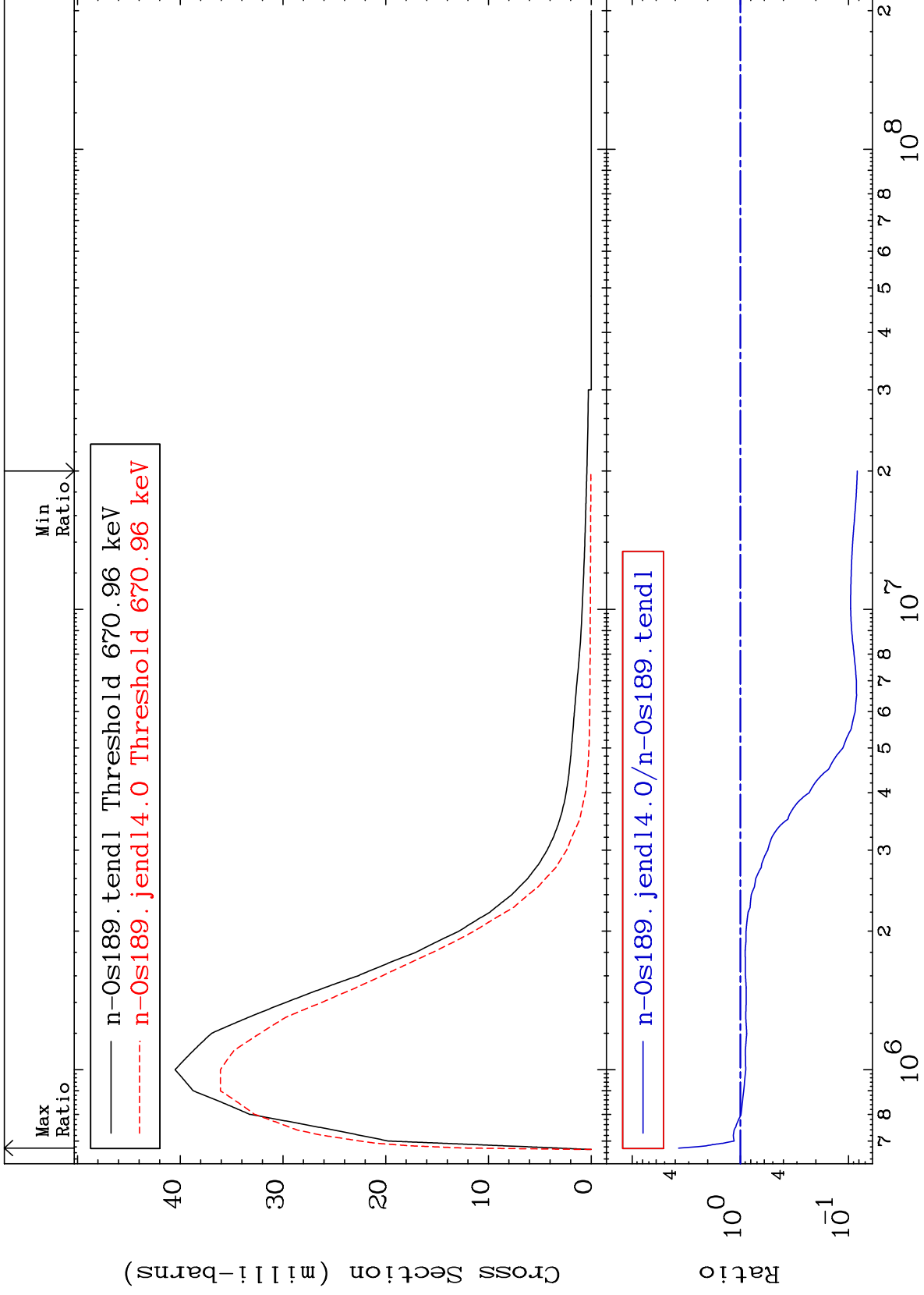
Incident Energy (eV)

76-0s-189

MAT 7640

MT= 77 (n,n') Level
Cross Section

76-0s-189
-91.70 To 271.5 %



38

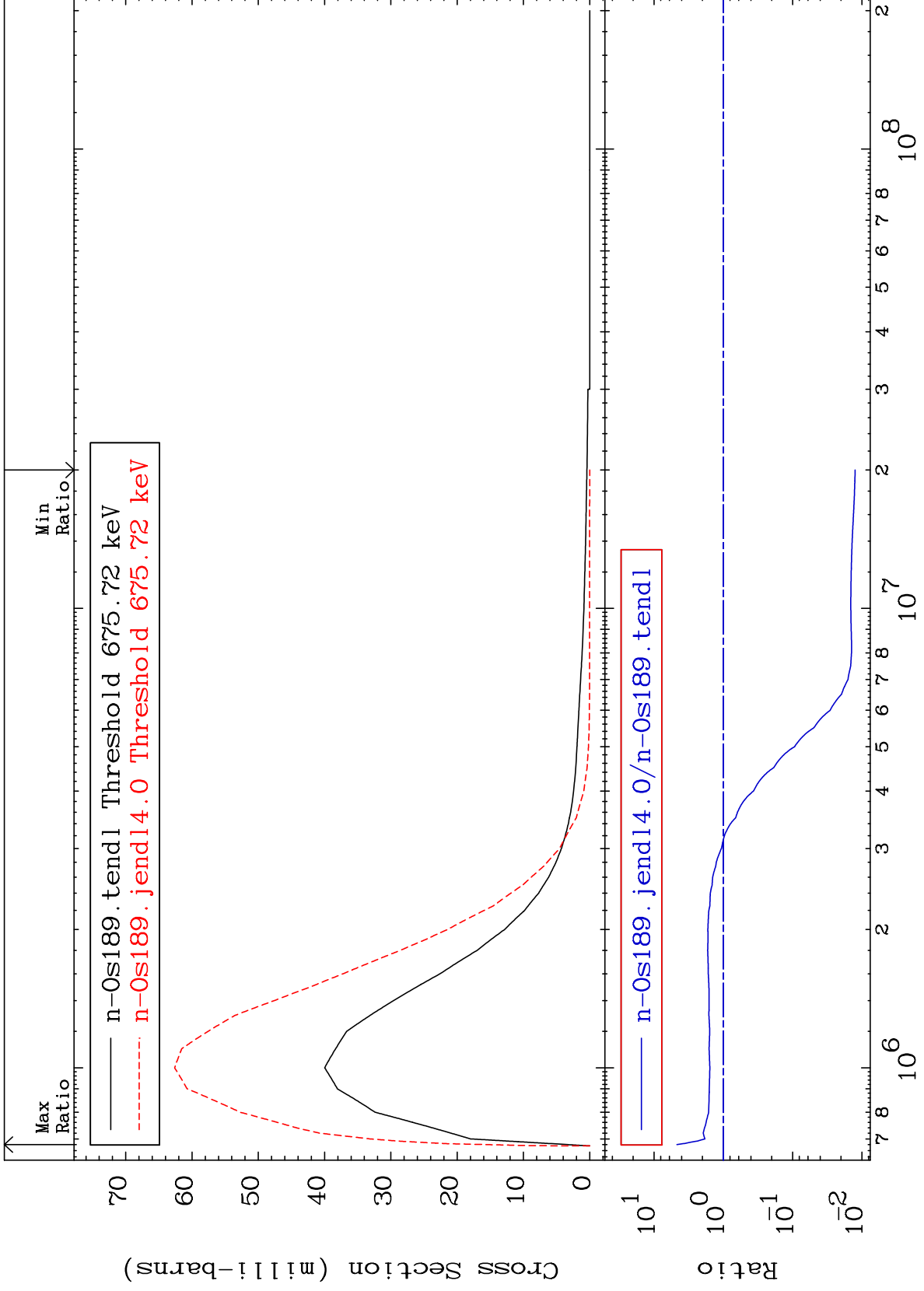
Incident Energy (eV)

76-0s-189

MAT 7640

MT= 78 (n,n') Level
Cross Section

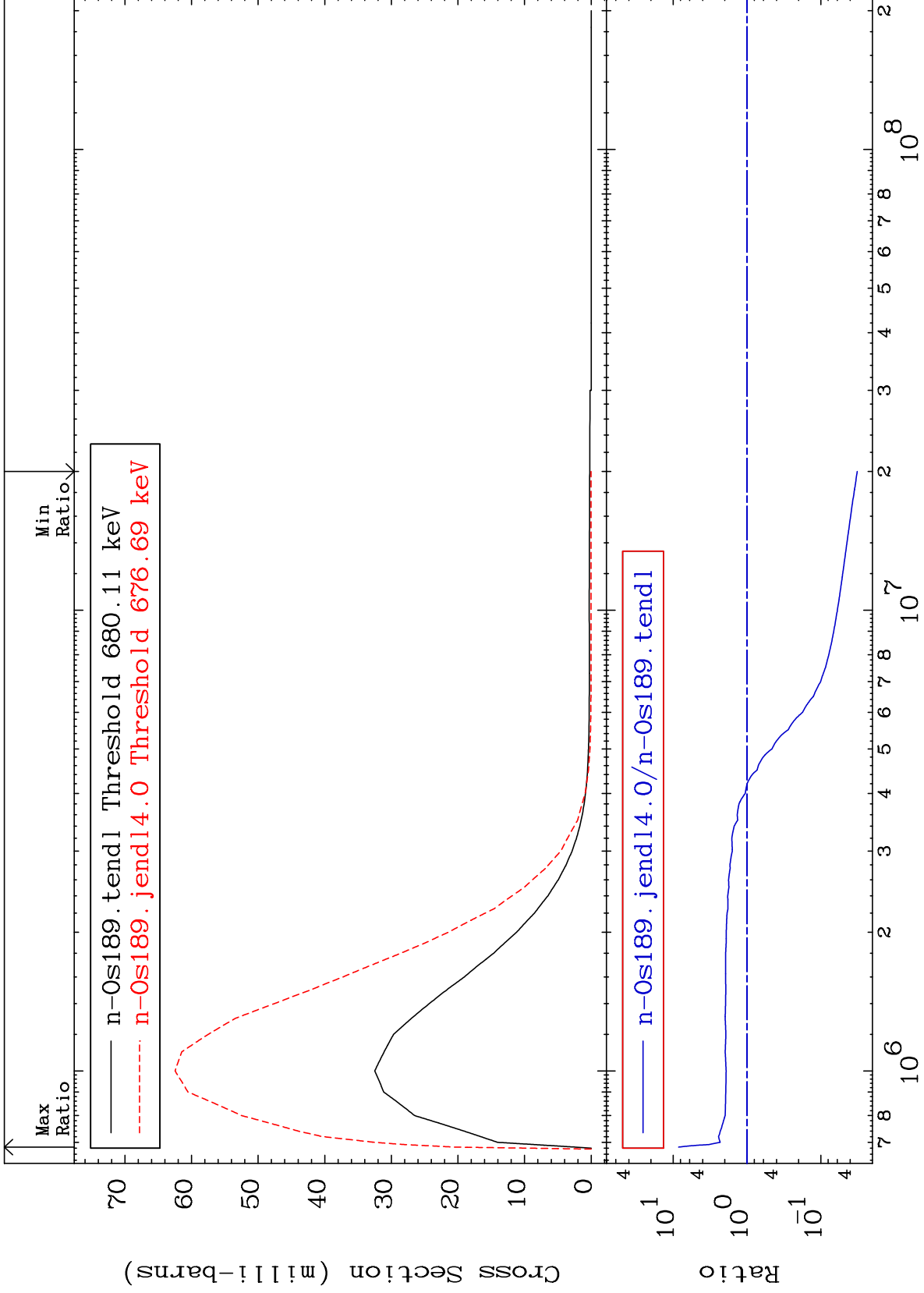
76-0s-189
-98.74 To 367.4 %



MAT 7640

MT= 79 (n,n') Level
Cross Section

76-0s-189
-96.78 To 745.4 %



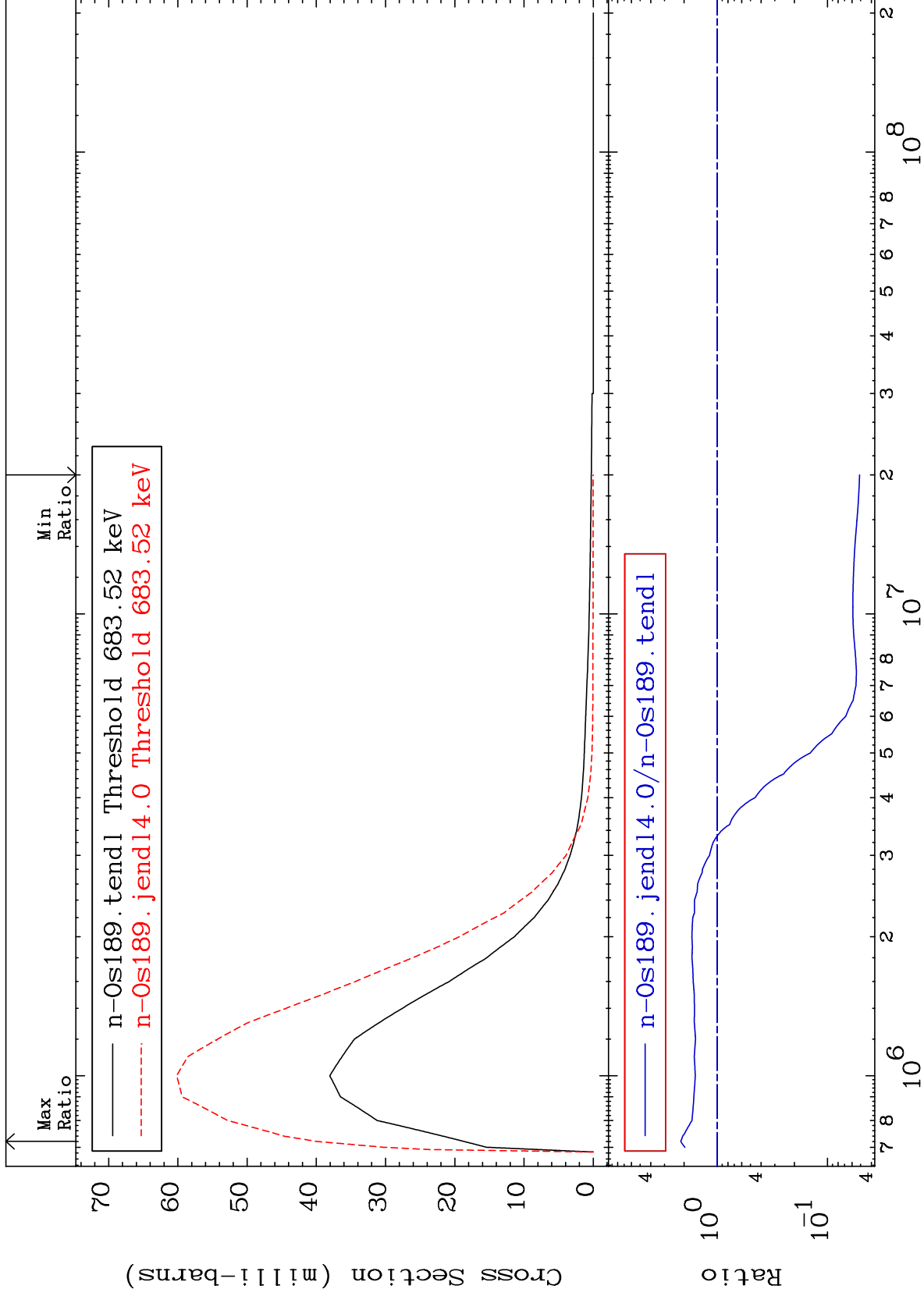
40

76-0s-189

MAT 7640

MT= 80 (n,n') Level
Cross Section

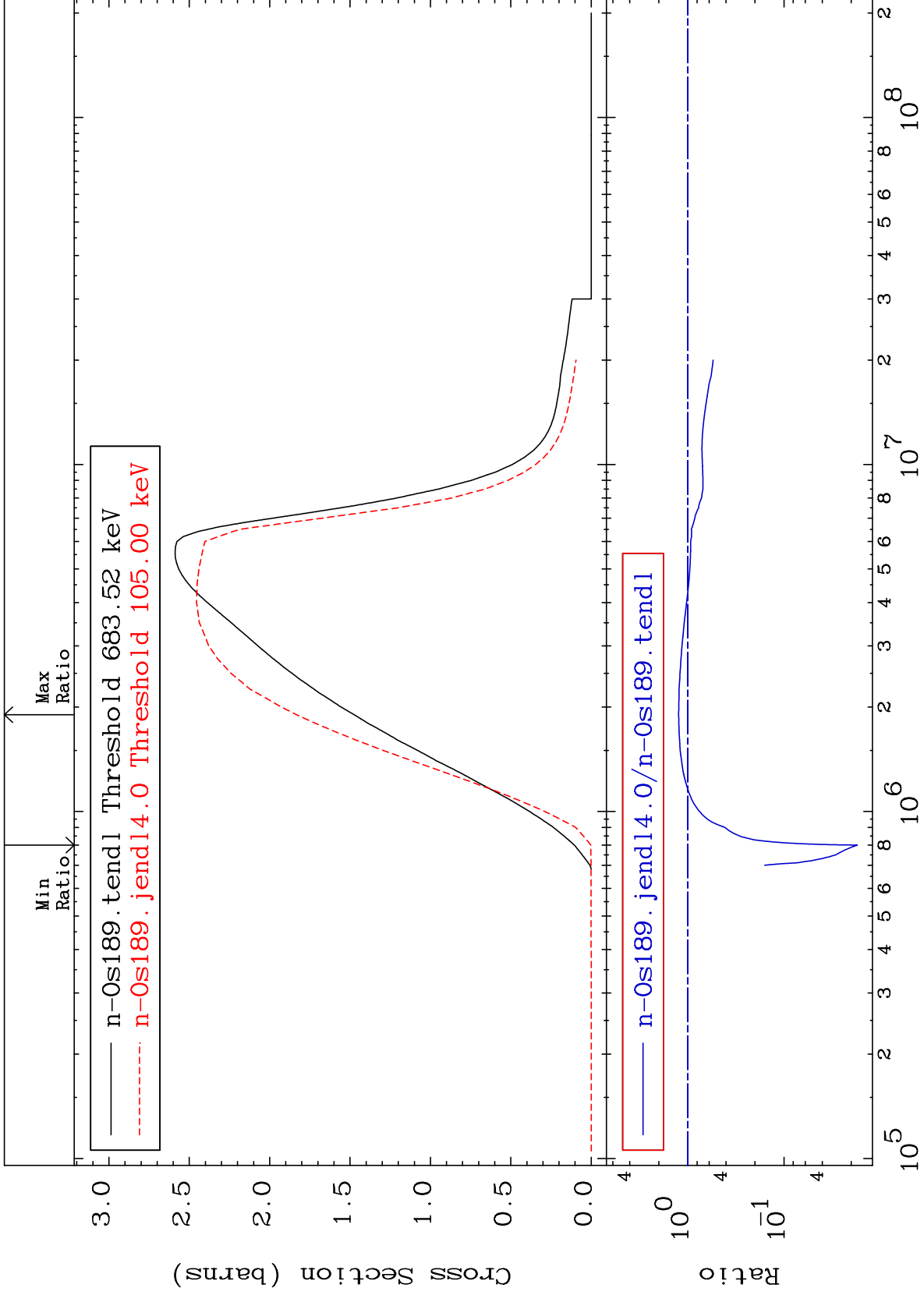
76-0s-189
-94.88 To 114.0 %



41

Incident Energy (eV)

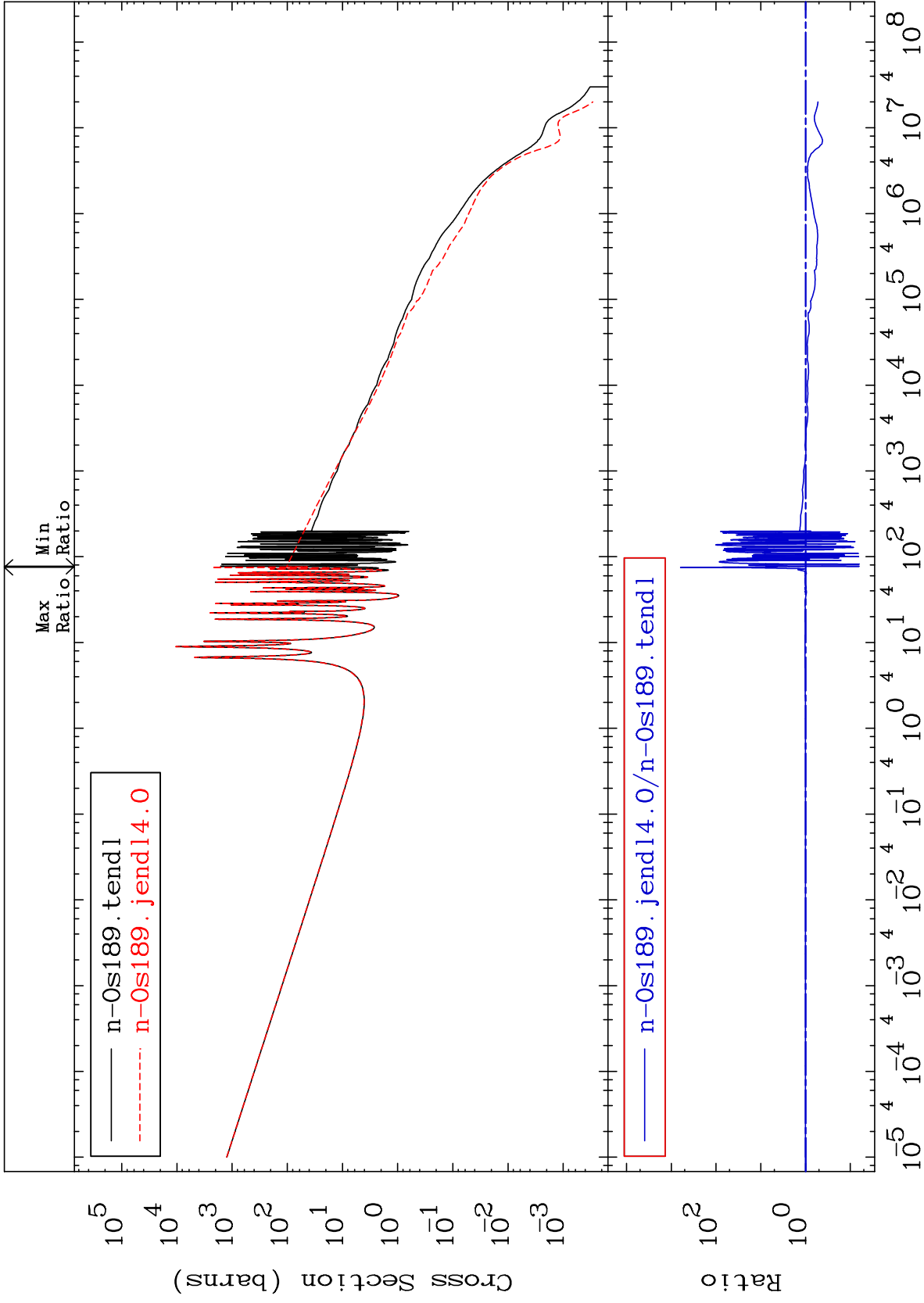
76-0s-189



MAT 7640

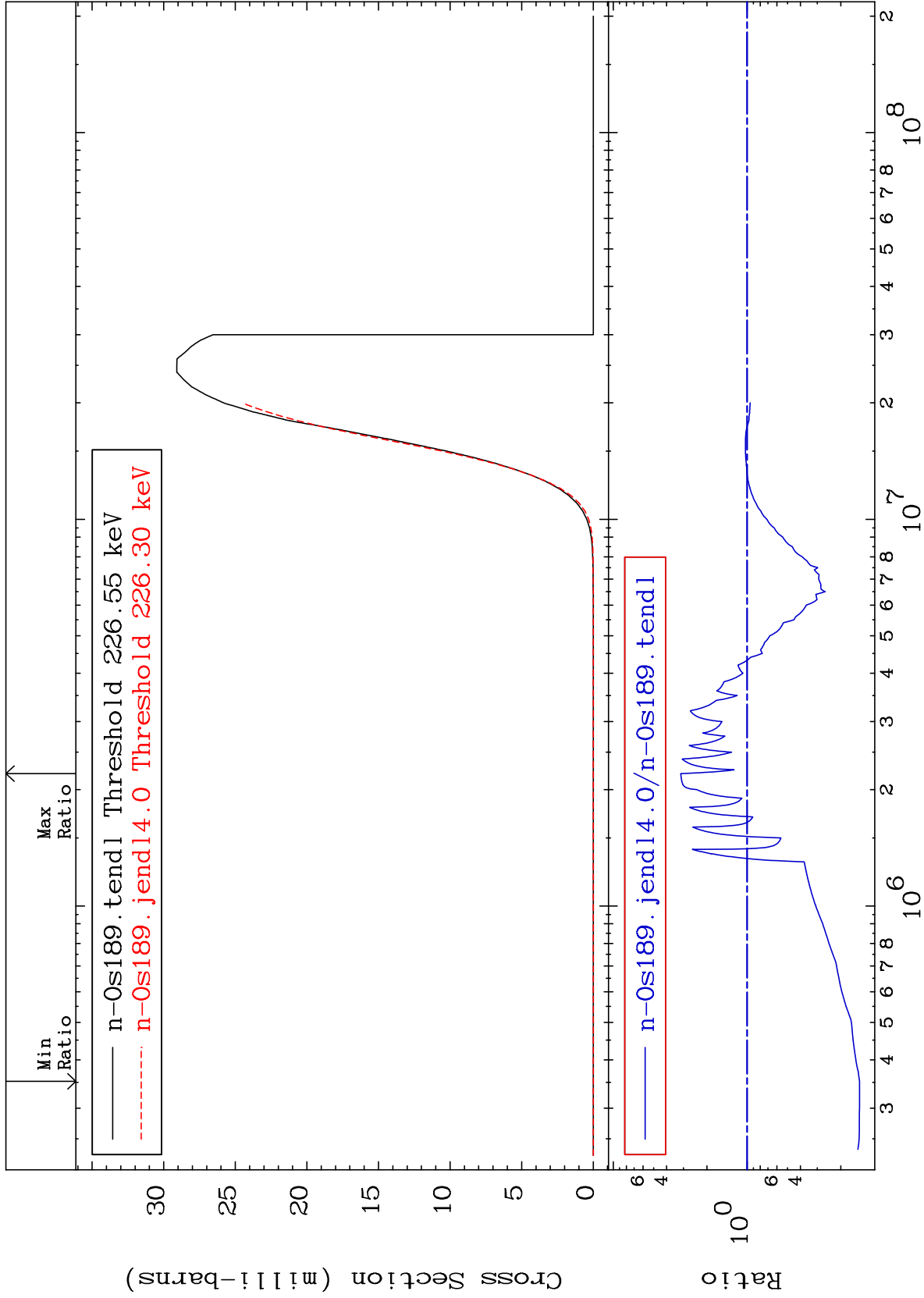
(n, γ)
Cross Section

76-0s-189
-93.75 To 9999. %



Cross Section

-85.52 To 213.5 %



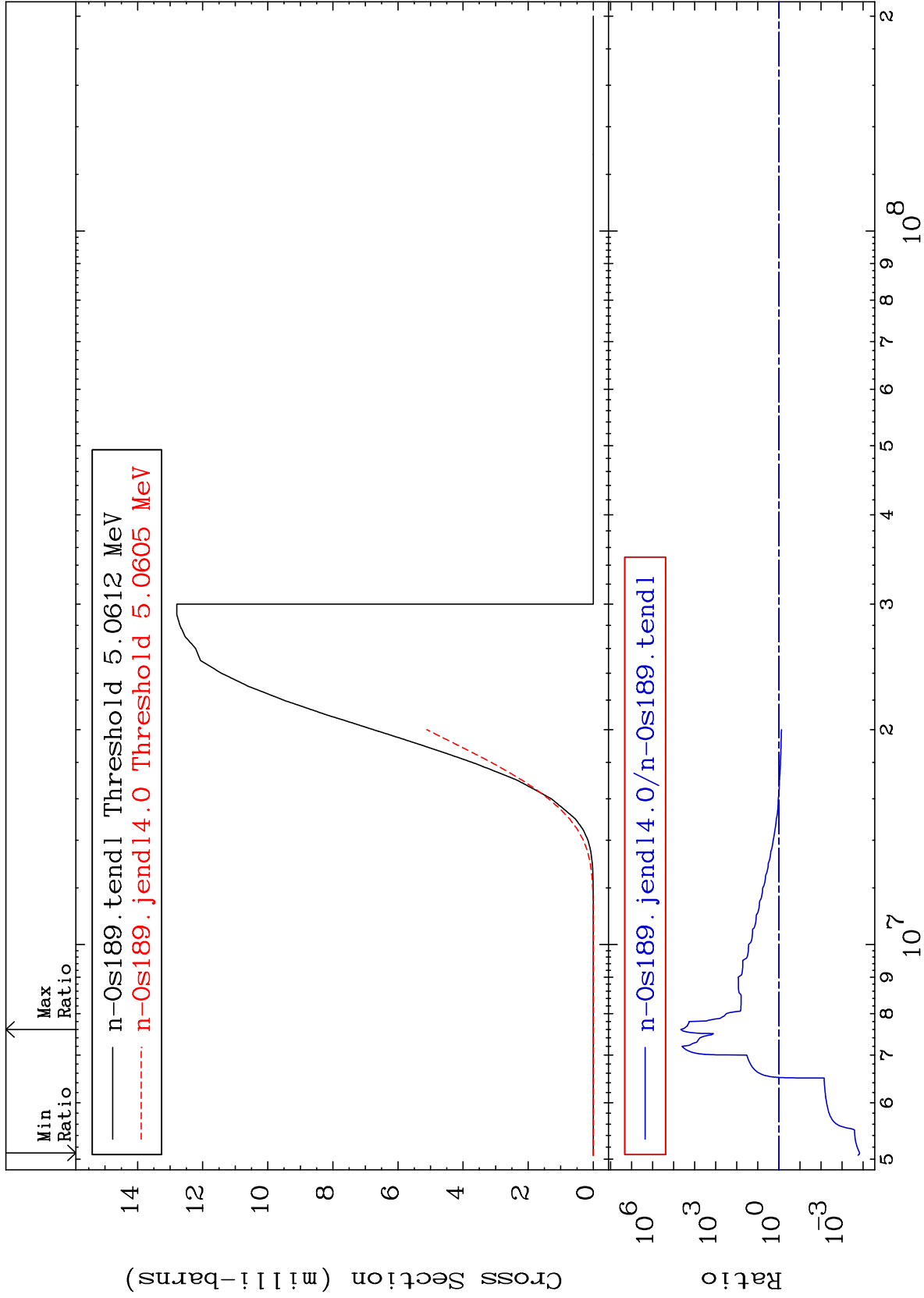
MAT 7640

(n, d)

76-0s-189

Cross Section

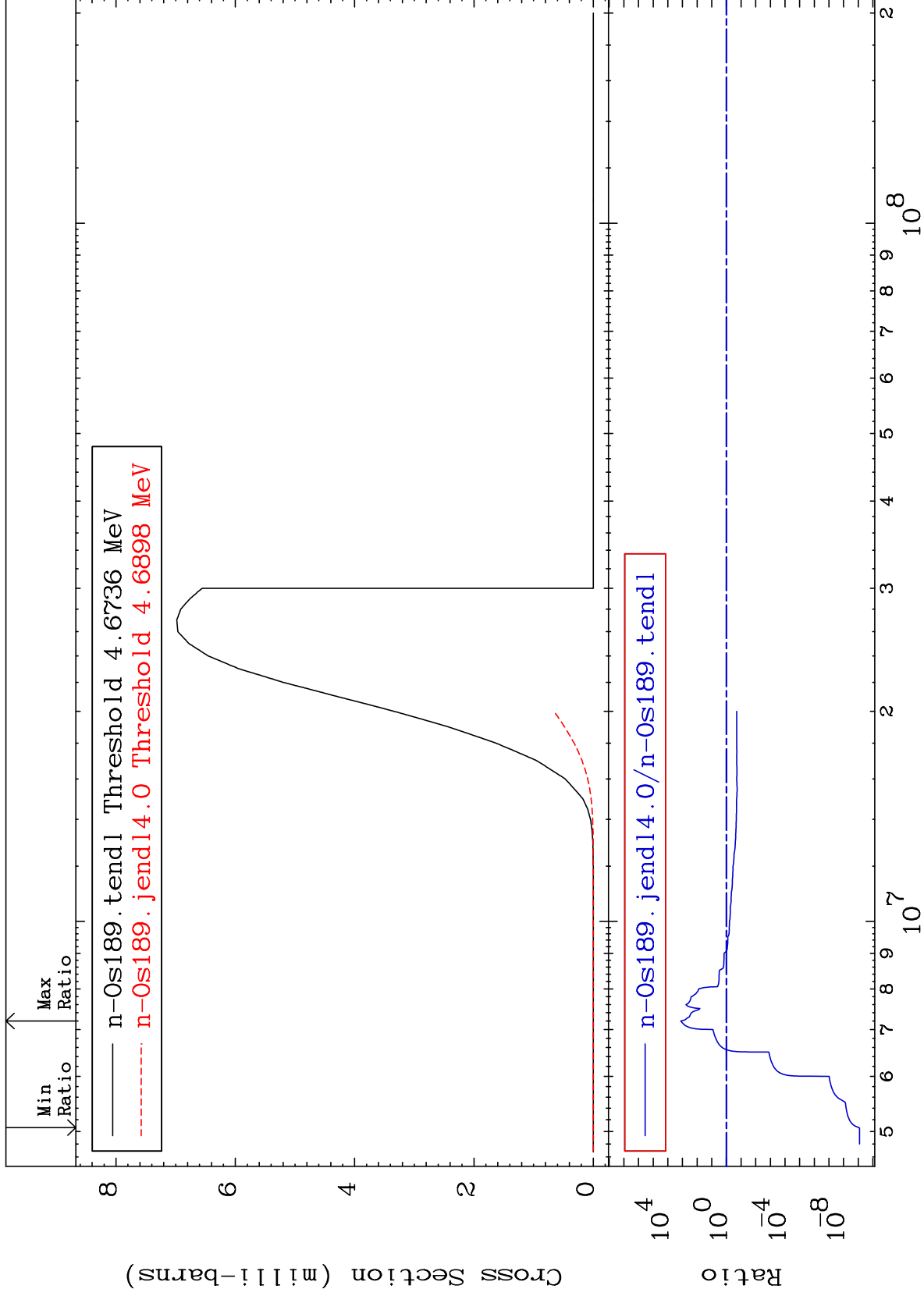
-99.99 To 9999. %



45

Incident Energy (eV)

76-0s-189



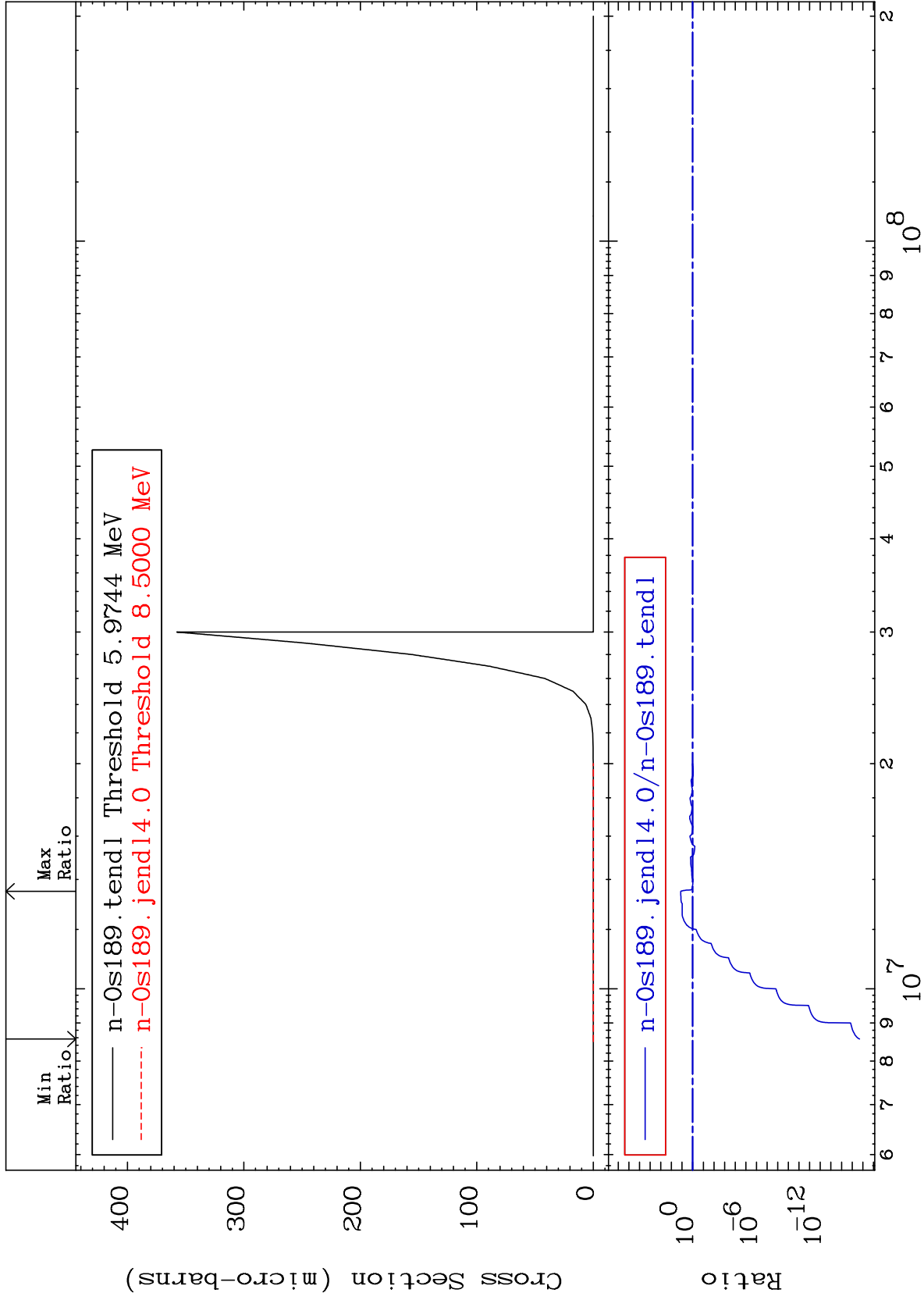
MAT 7640

(n, He-3)

76-0s-189

Cross Section

-100.0 To 1218. %



47

Incident Energy (eV)

76-0s-189

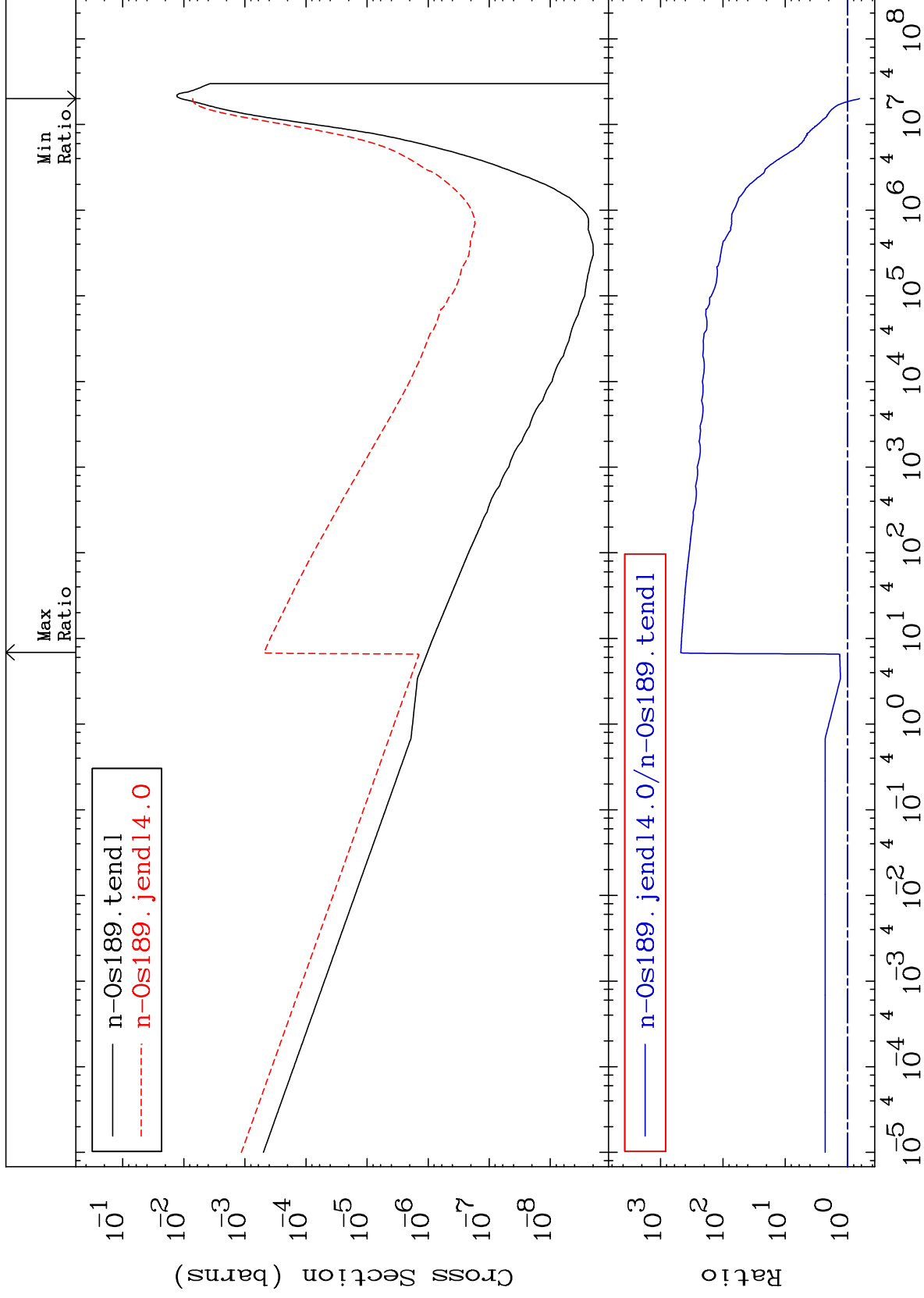
MAT 7640

(n, α)

76-0s-189

Cross Section

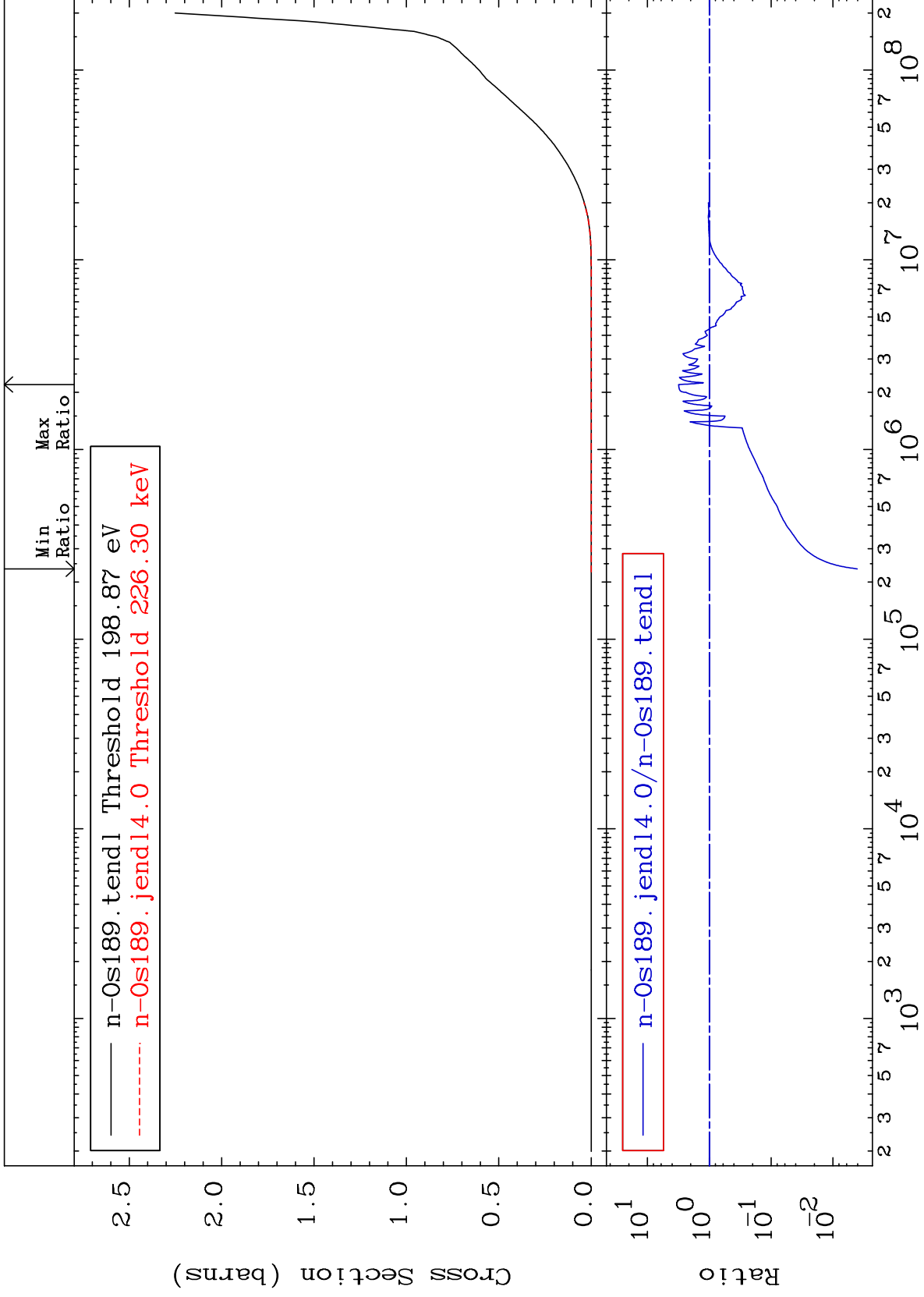
-35.74 To 9999. %



Incident Energy (eV)

76-0s-189

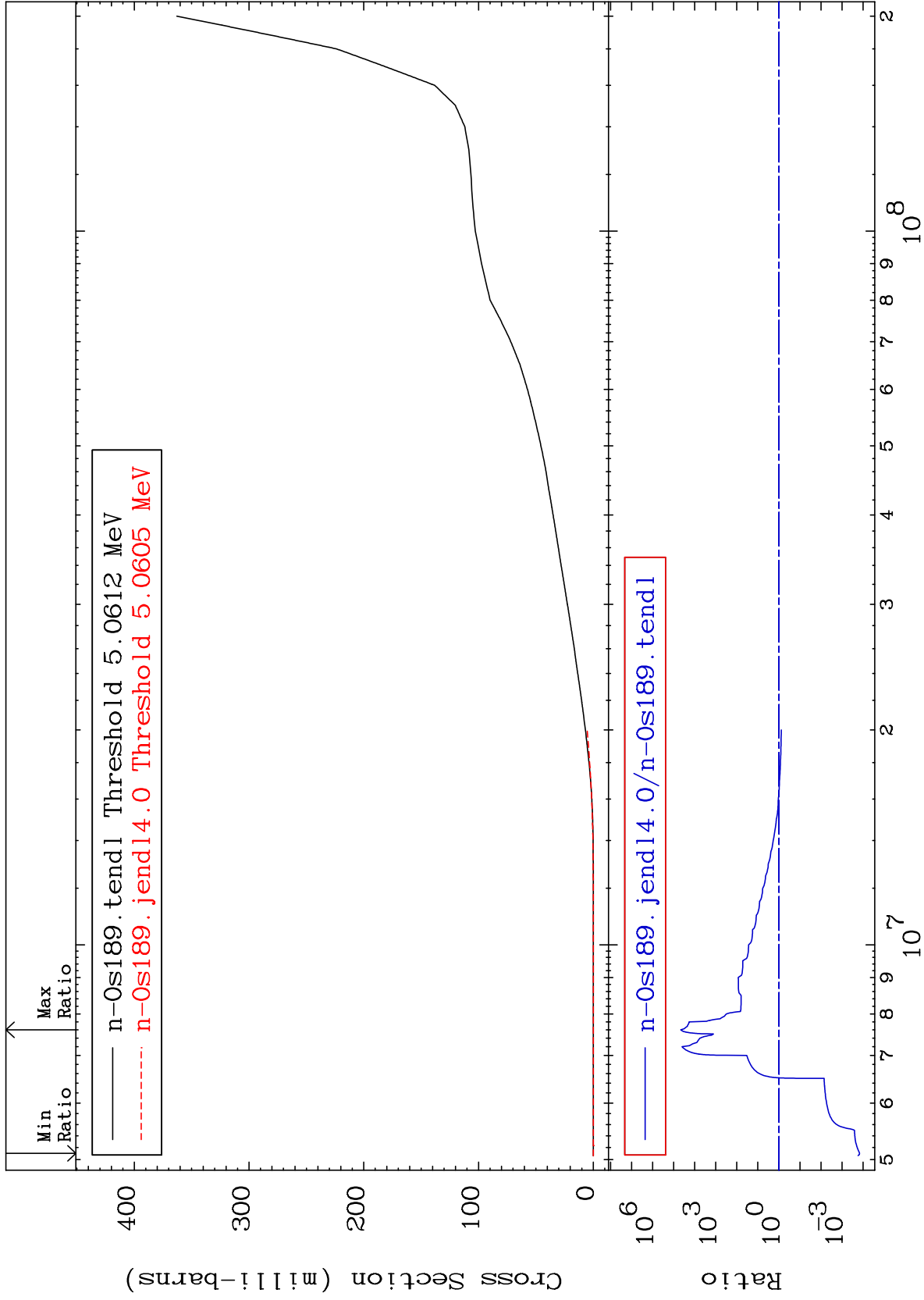
48



MAT 7640

Deuterium Production
Cross Section

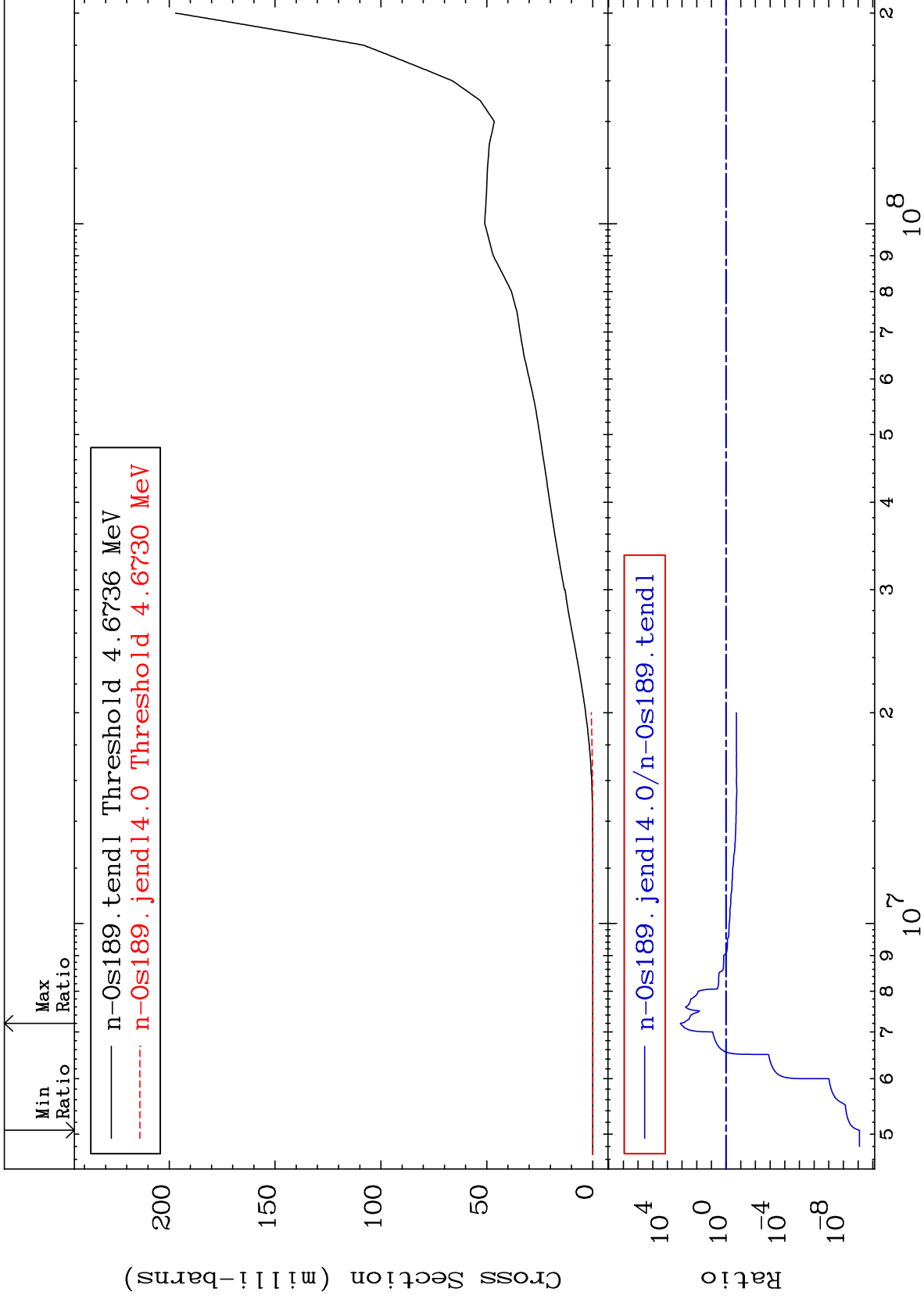
76-0s-189
-99.99 To 9999. %



50

Incident Energy (eV)

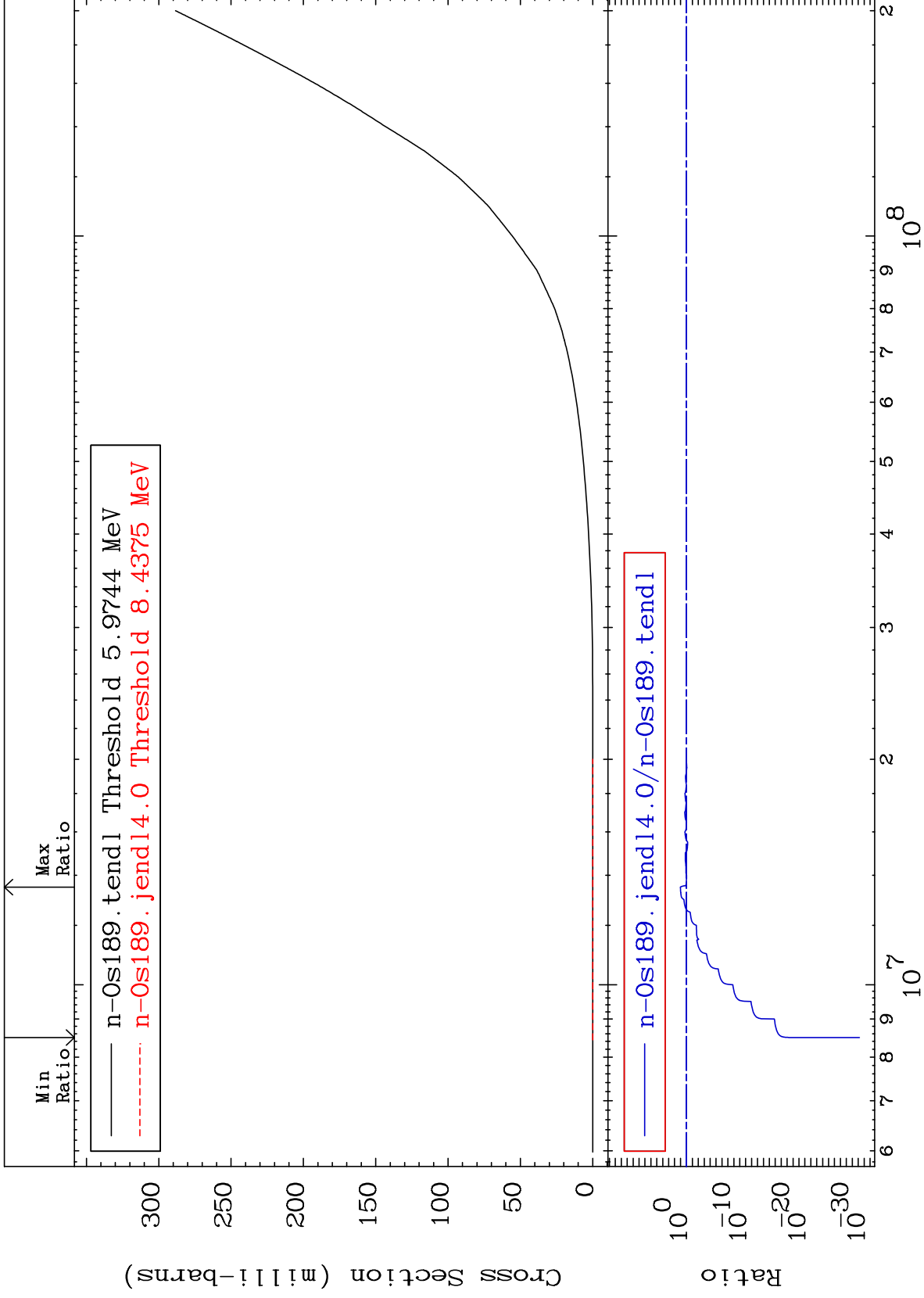
76-0s-189



MAT 7640

He-3 Production
Cross Section

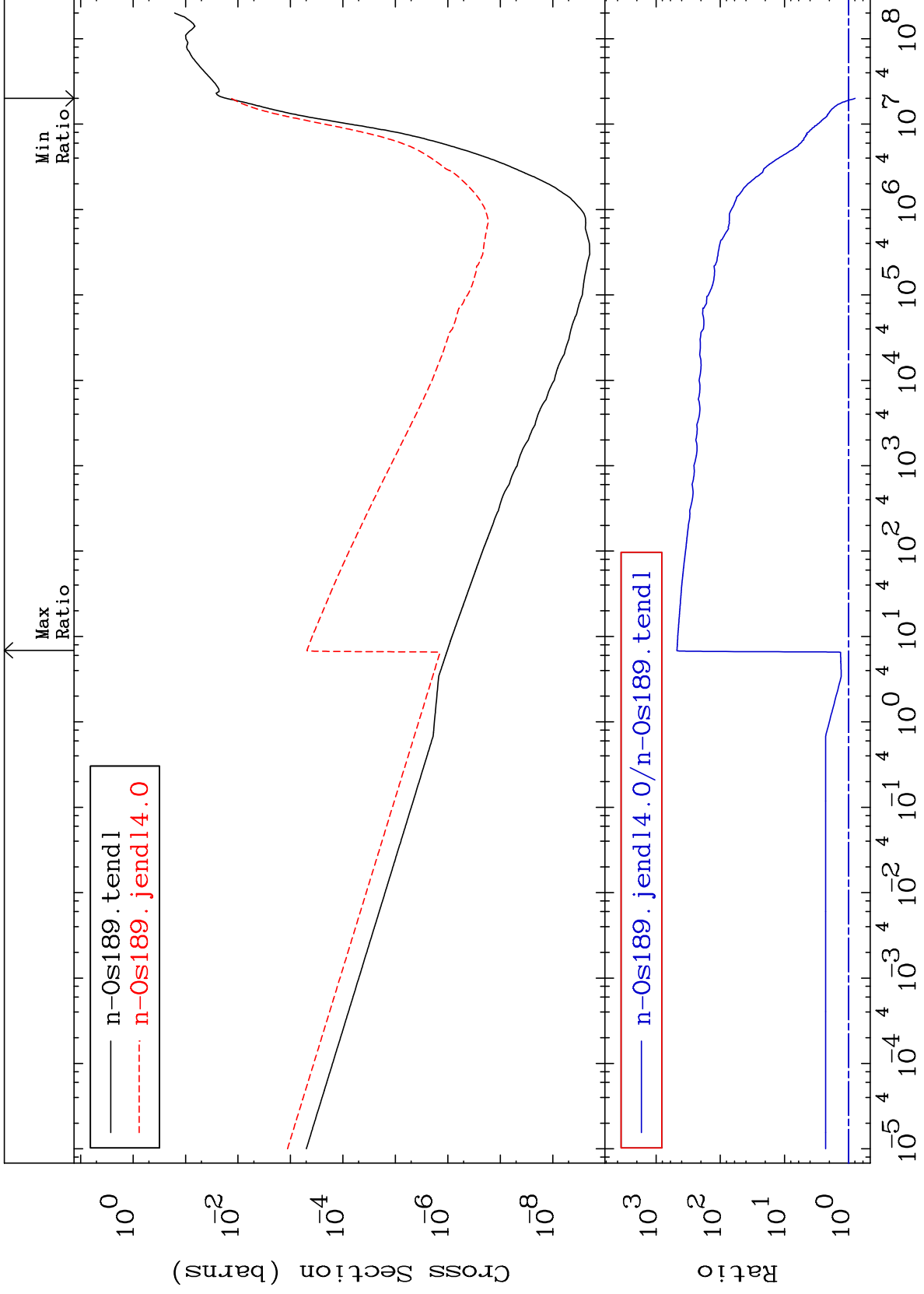
76-0s-189
-100.0 To 954.6 %

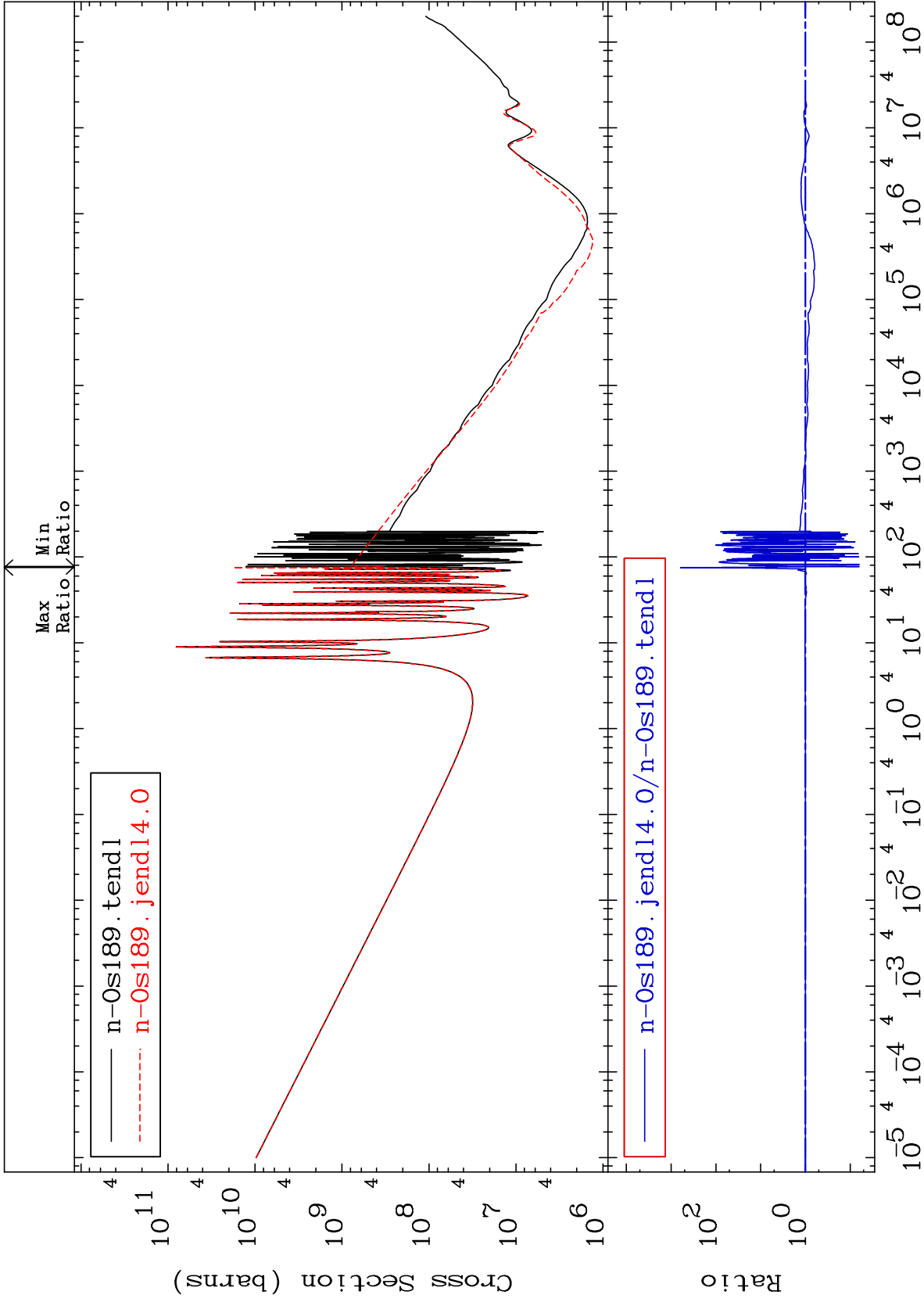


MAT 7640

He-4 Production
Cross Section

76-0s-189
-20.59 To 9999. %

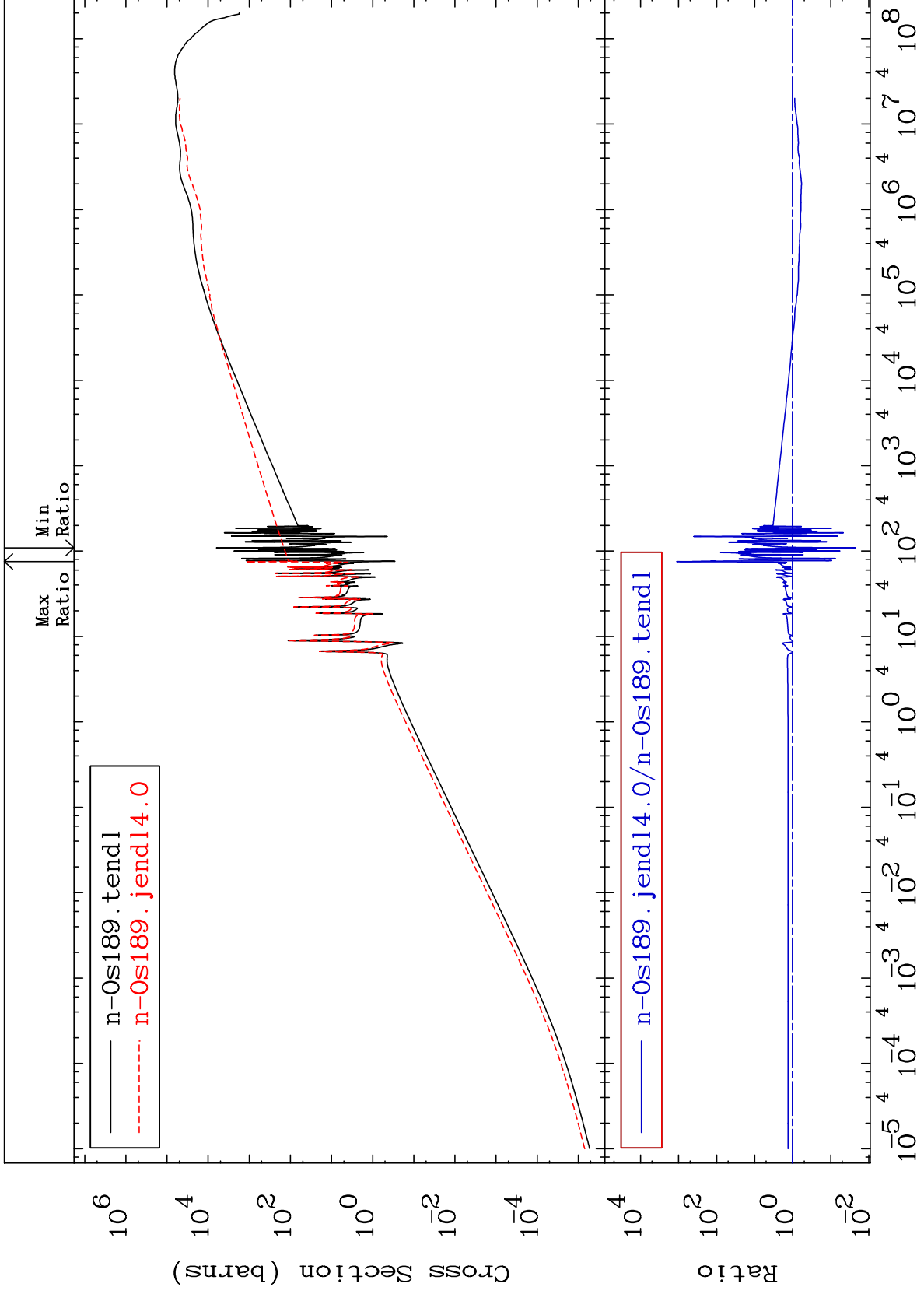




MAT 7640

Kerma elastic
Cross Section

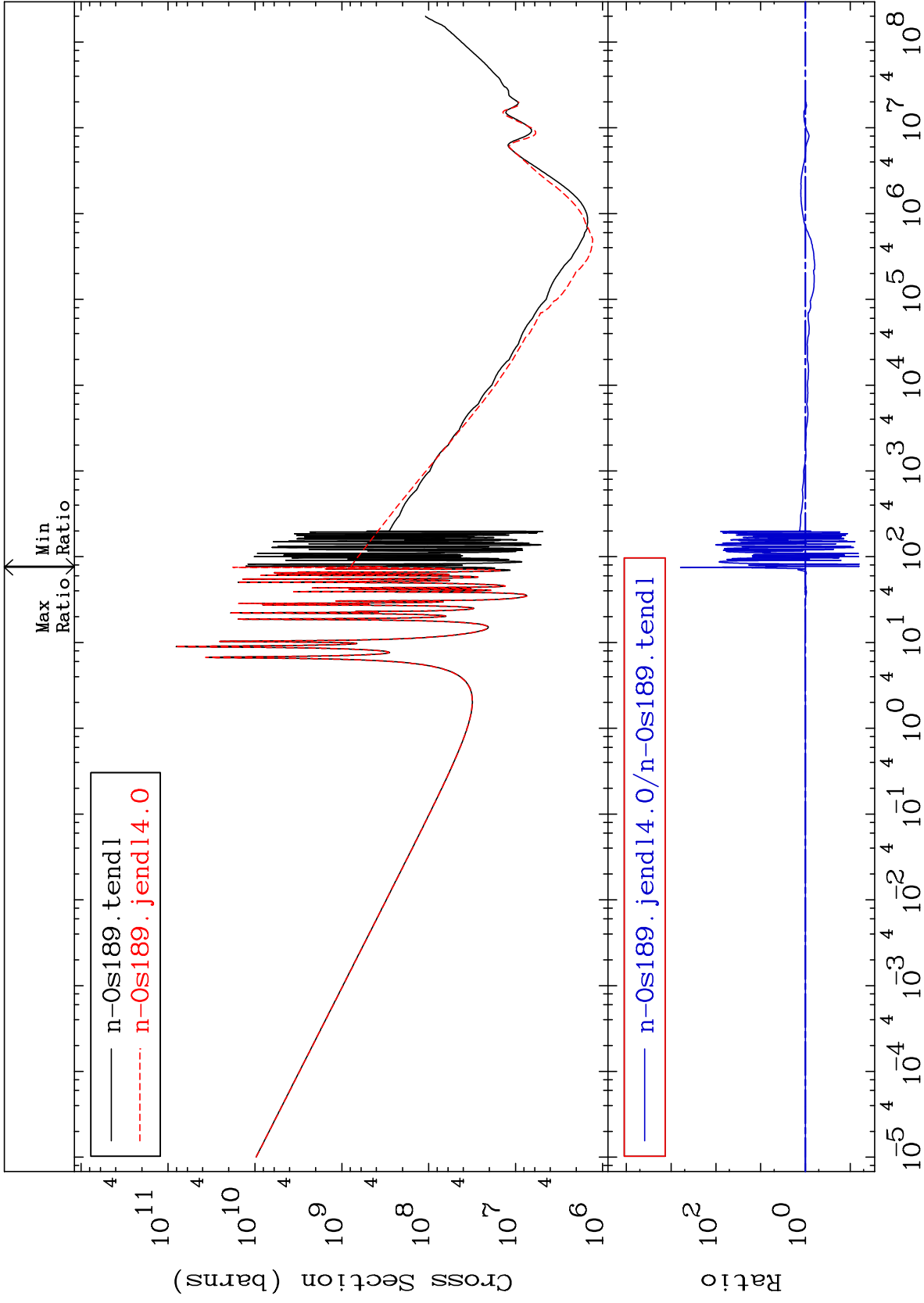
76-0s-189
-97.70 To 9999. %

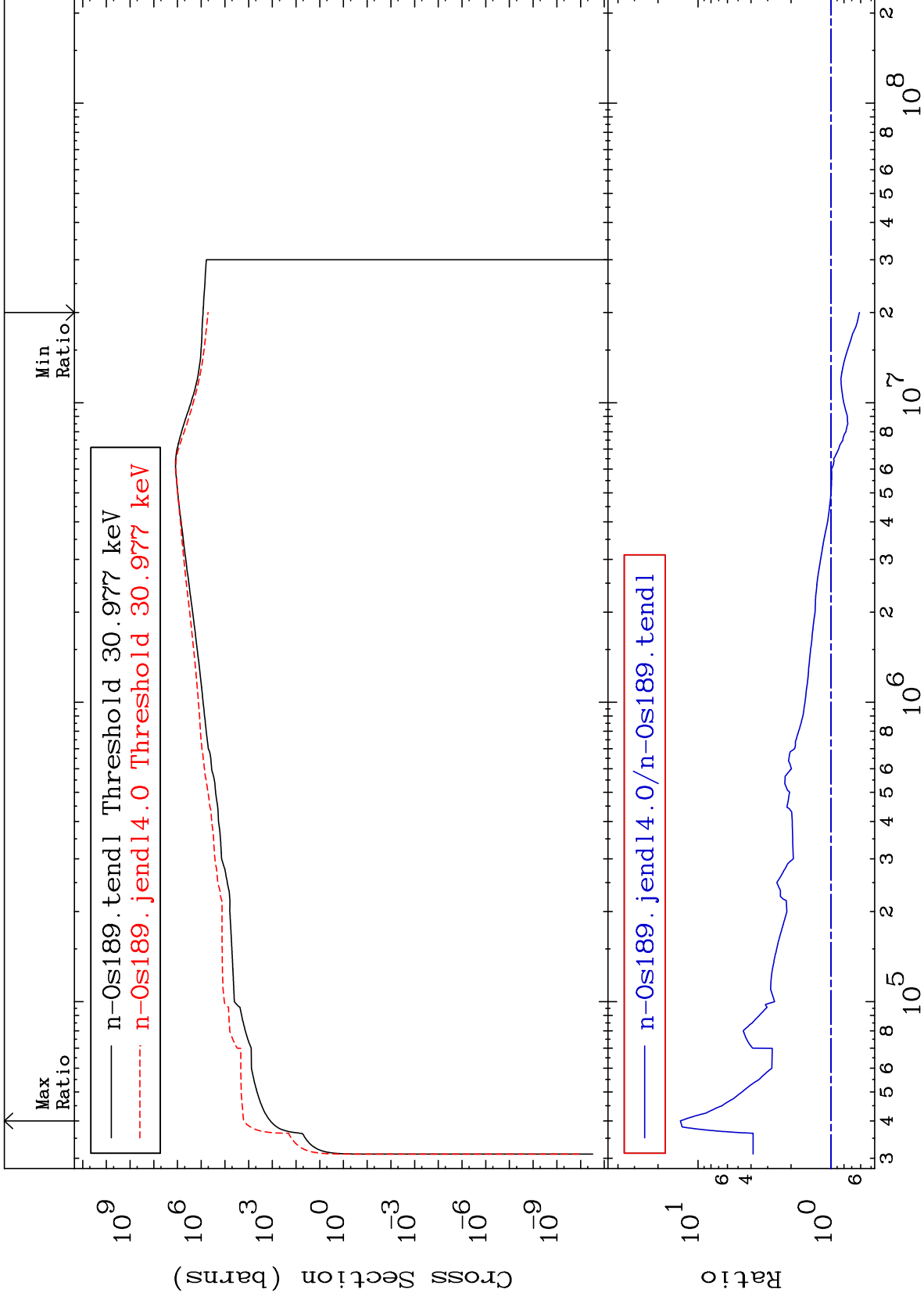


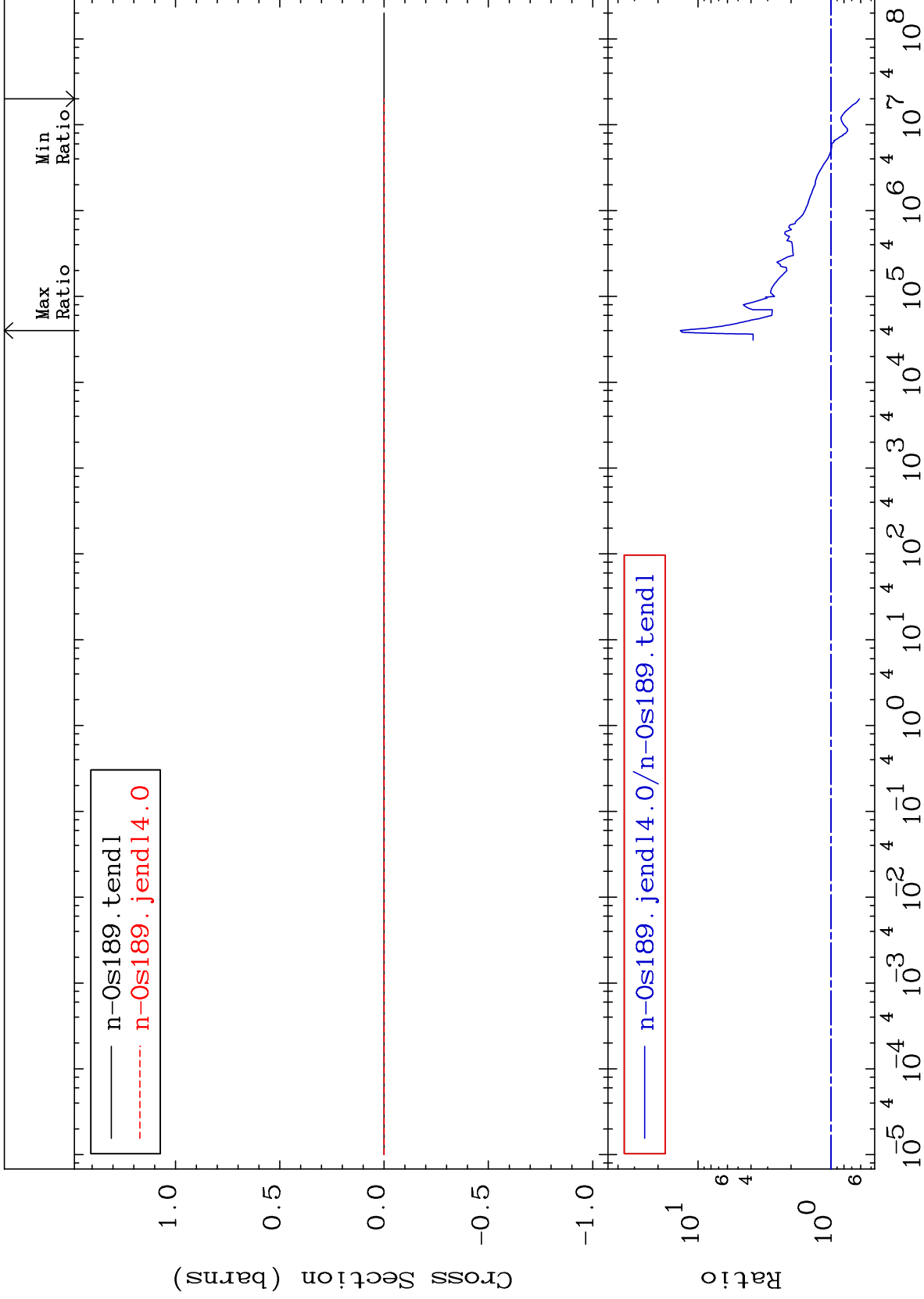
55

Incident Energy (eV)

76-0s-189



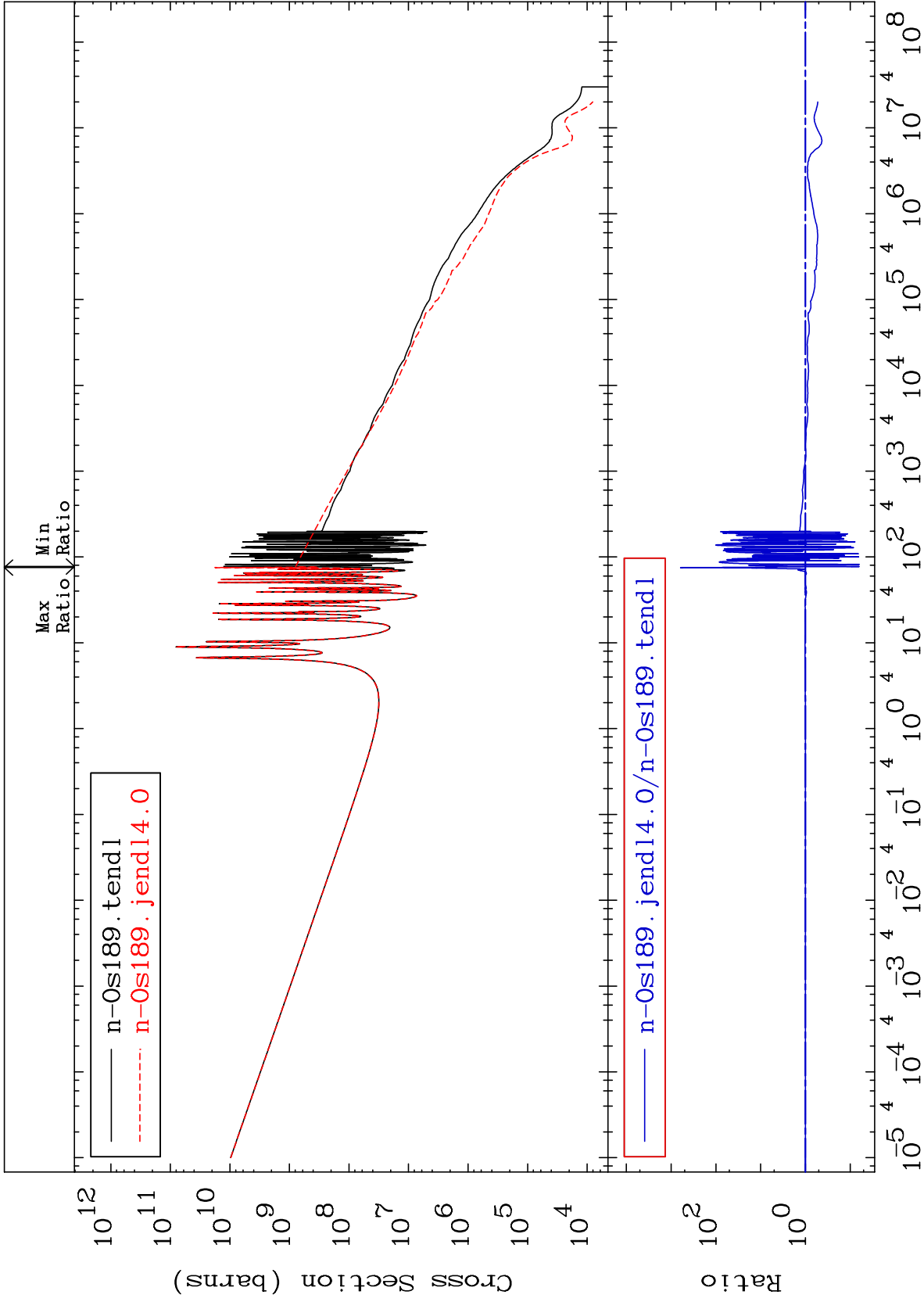




MAT 7640

Kerma capture (mt102)
Cross Section

76-0s-189
-93.80 To 9999. %



59

Incident Energy (eV)

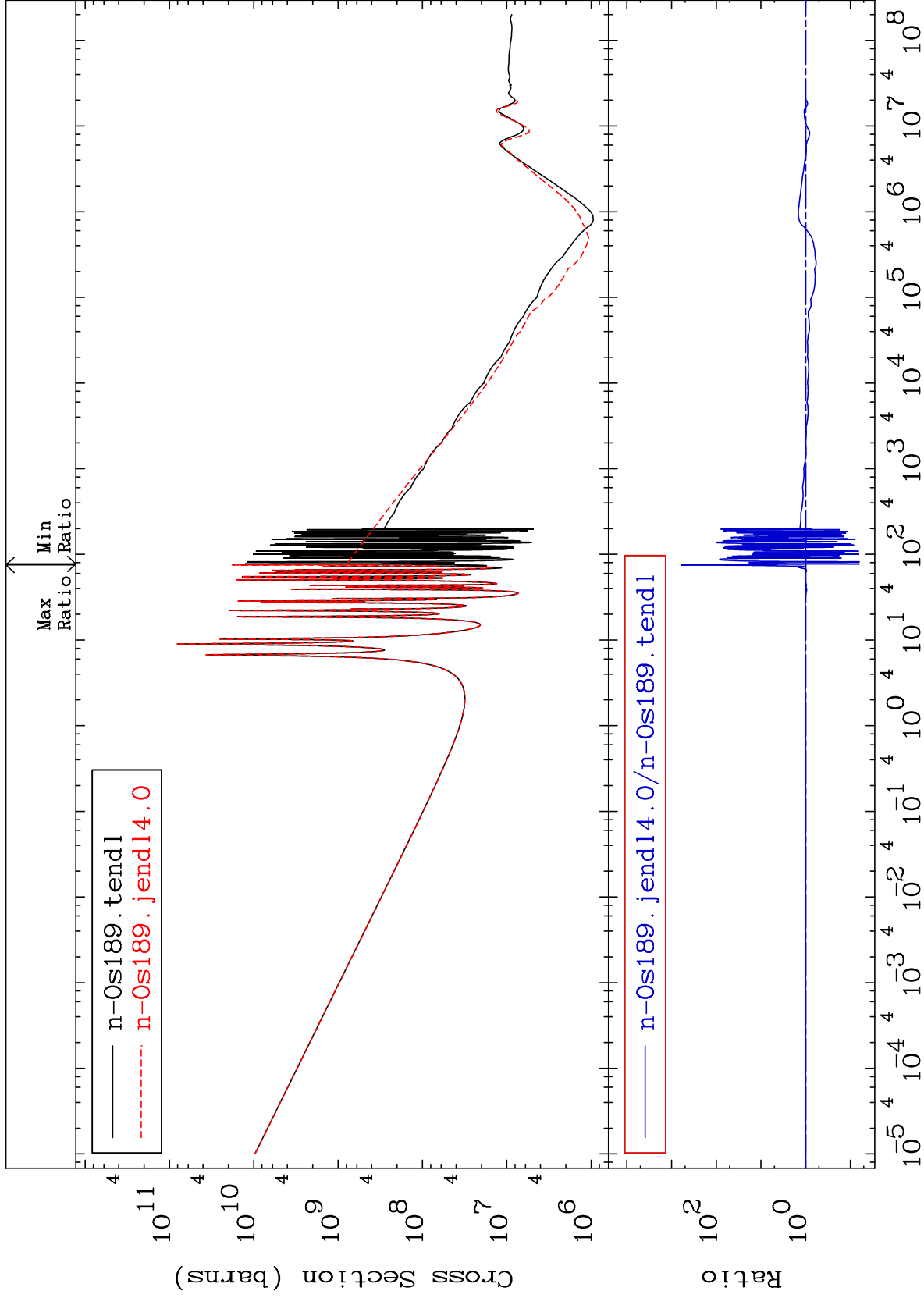
76-0s-189

MAT 7640

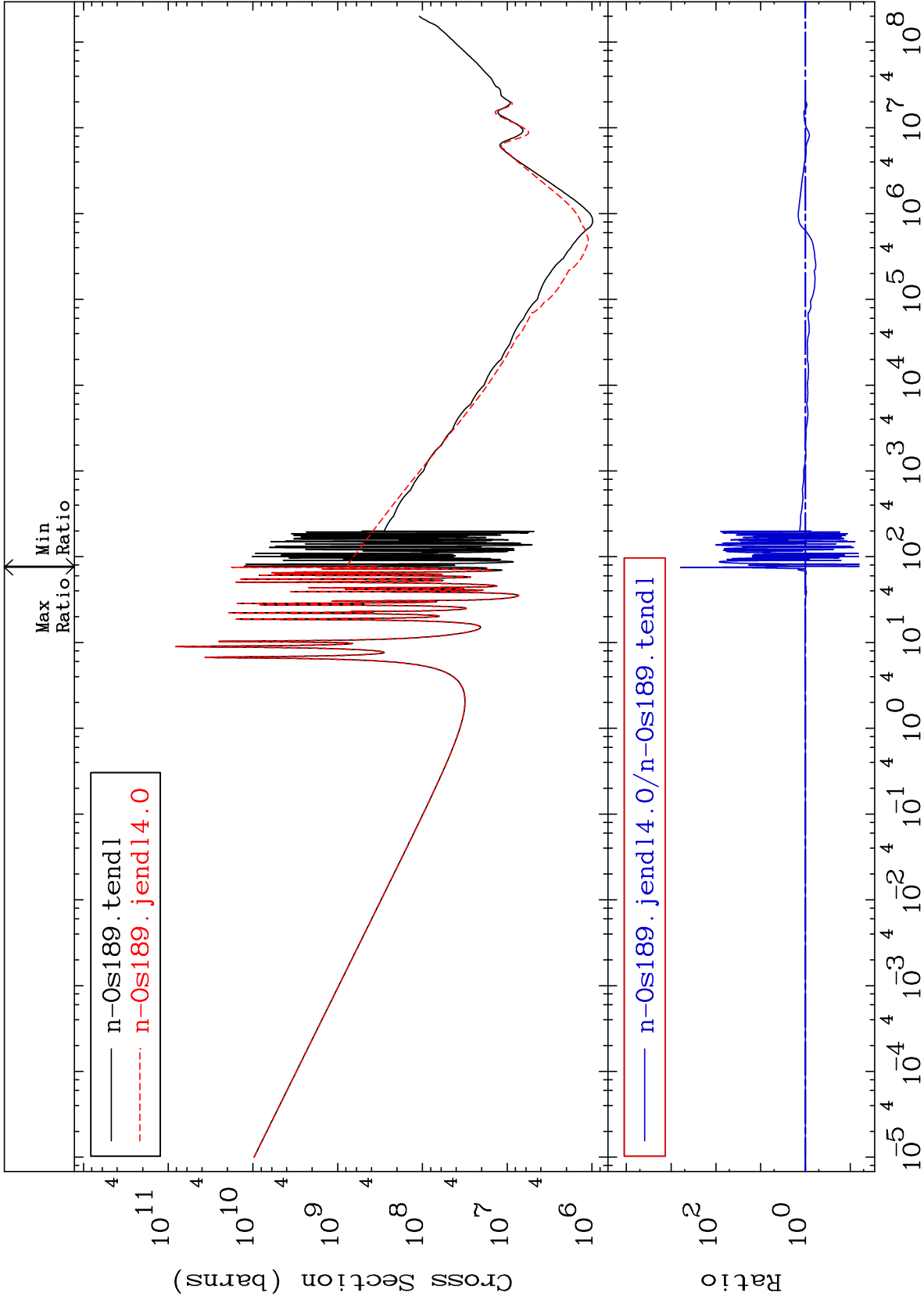
Total photon (eV-barns)

76-0s-189

-93.80 To 9999. %



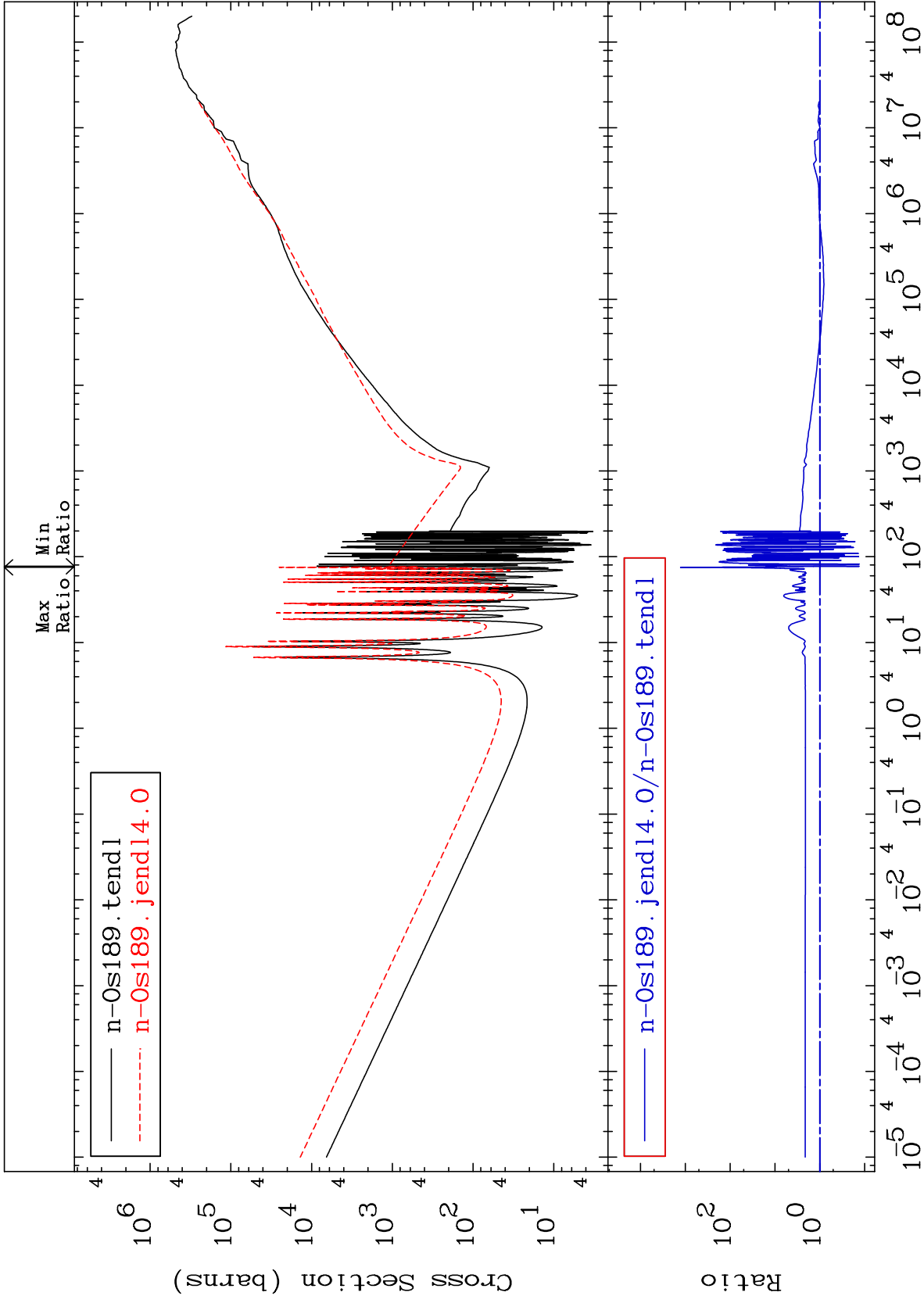
60



MAT 7640

Dpa total (eV-barns)
Cross Section

76-0s-189
-86.97 To 9999. %



62

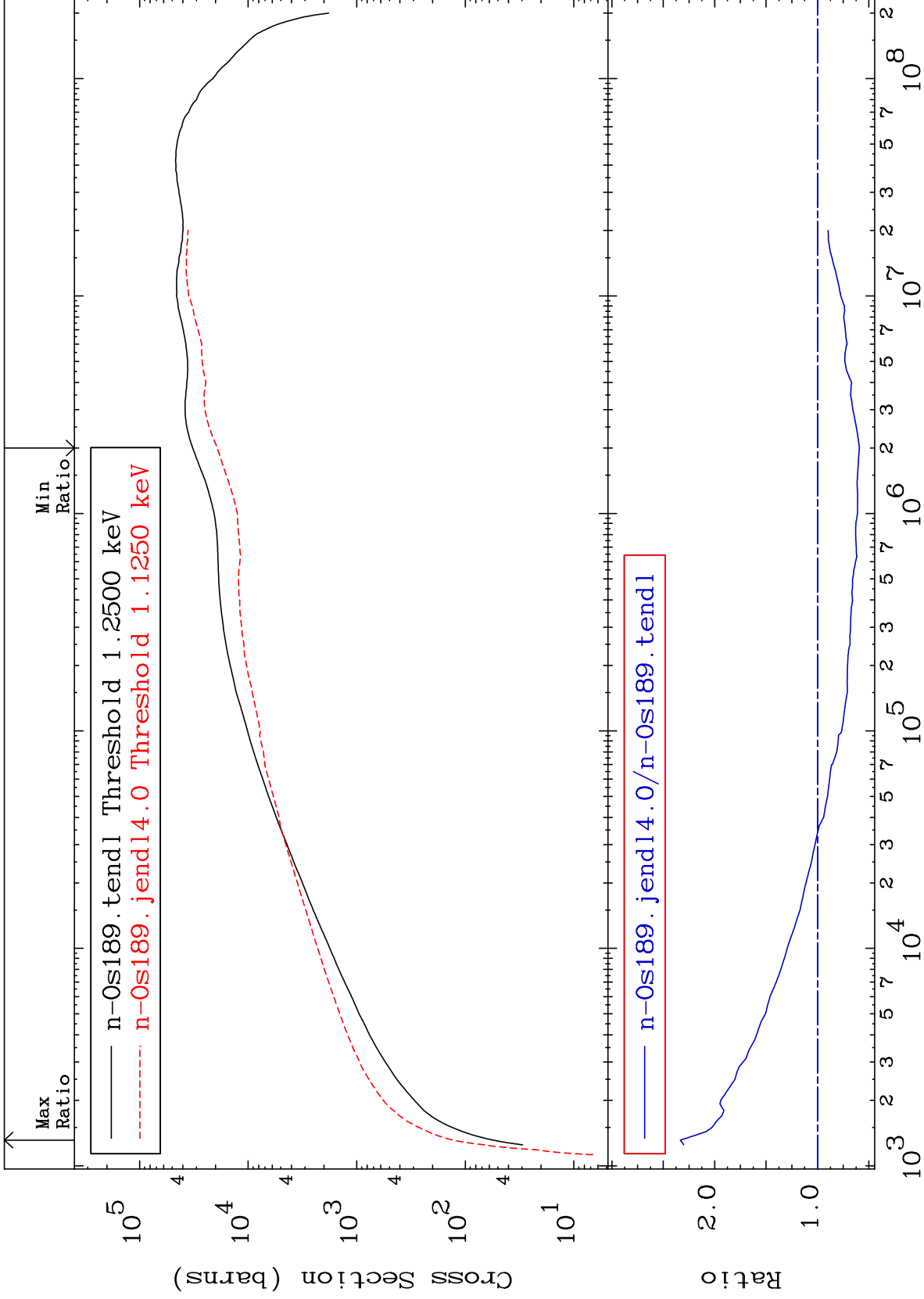
Incident Energy (eV)

76-0s-189

MAT 7640

Dpa elastic (mt2)
Cross Section

76-0s-189
-40.79 To 133.4 %



63

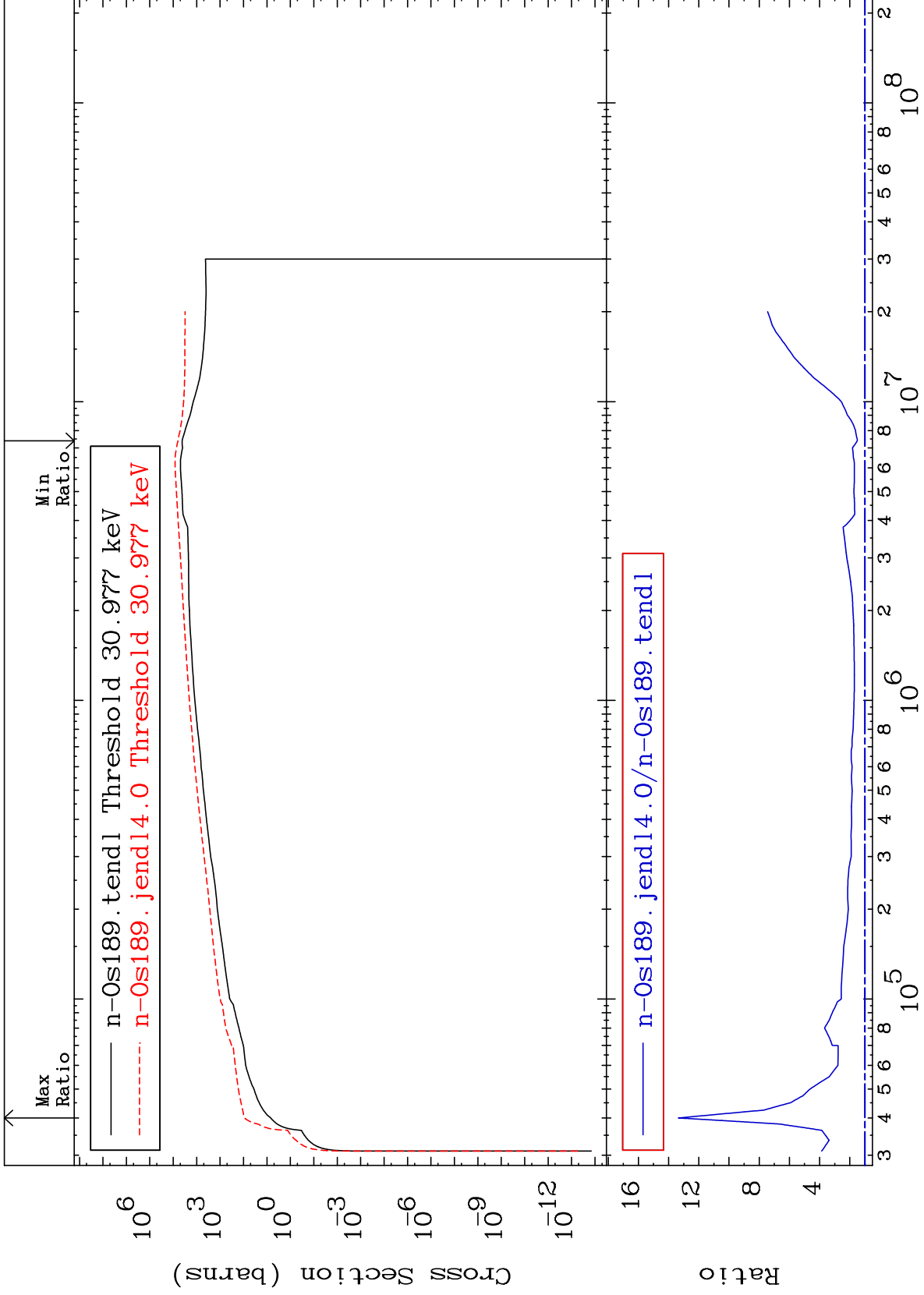
Incident Energy (eV)

76-0s-189

MAT 7640

Dpa inelastic (mt51-91)
Cross Section

76-0s-189
50.57 To 1234. %



64

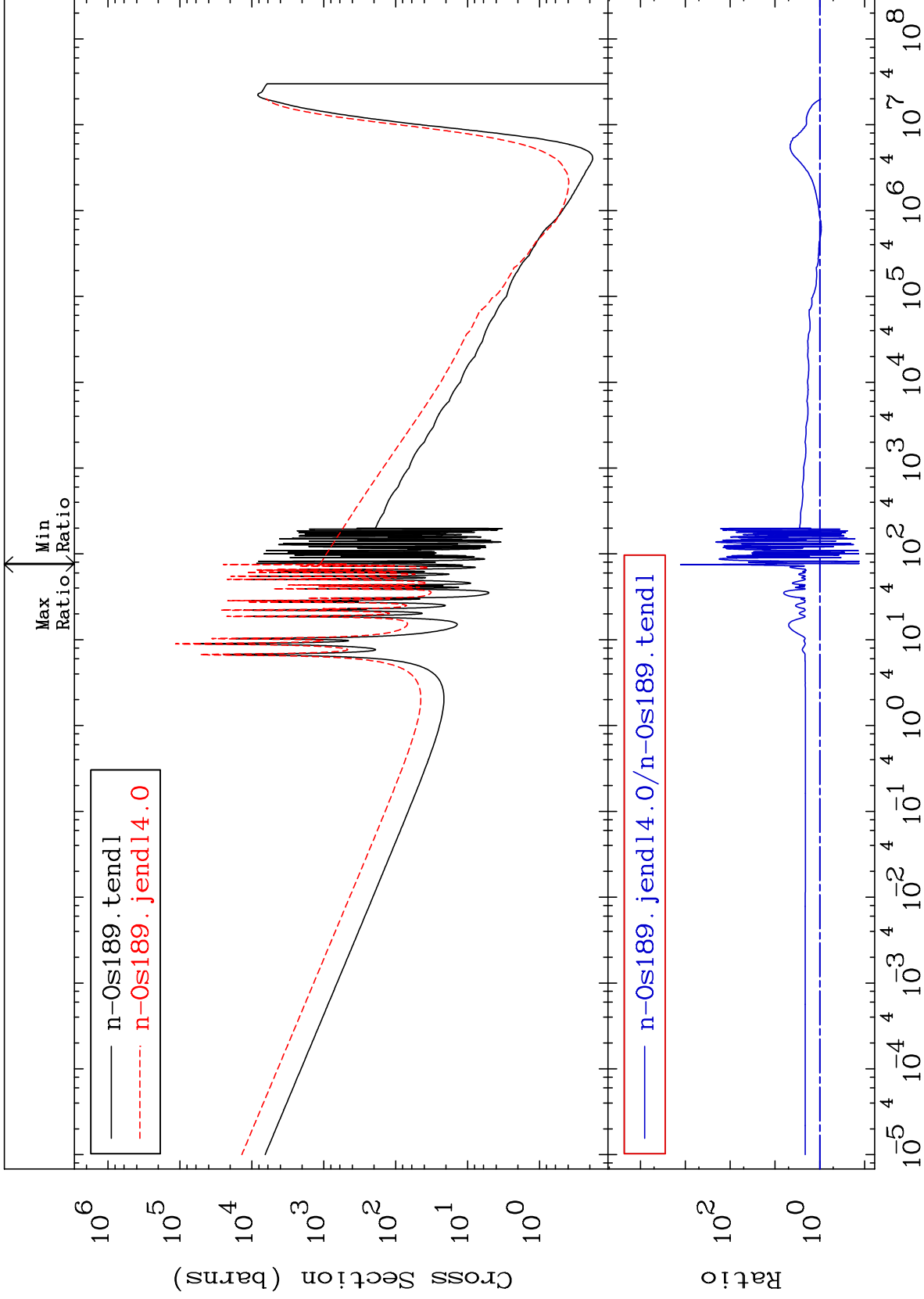
Incident Energy (eV)

76-0s-189

MAT 7640

Dpa disappearance (mt102 -120)
Cross Section

76-0s-189
-86.97 To 9999. %



65

Incident Energy (eV)

76-0s-189