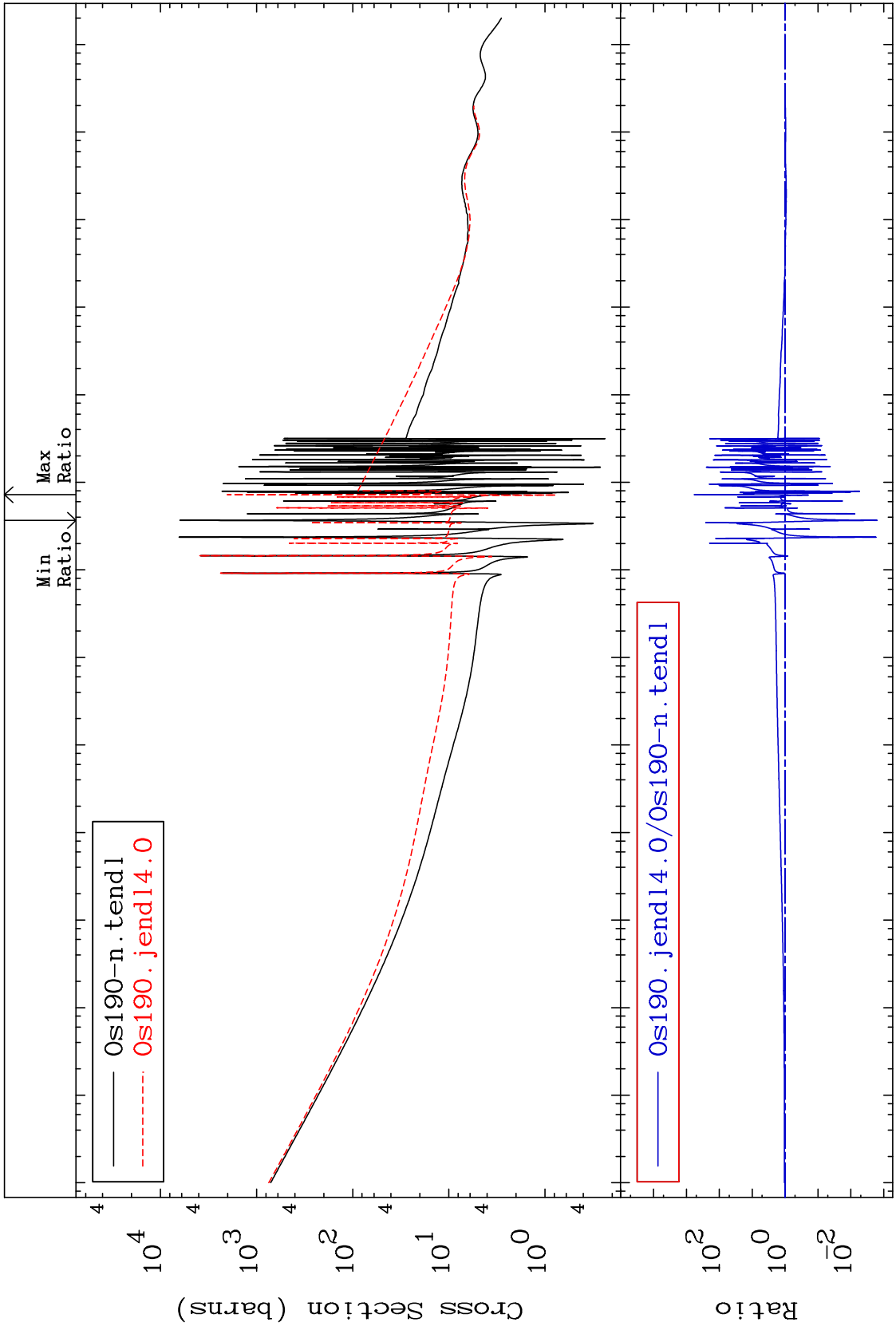


MAT 7643

Total
Cross Section

76-0s-190
-99.84 To 9999. %



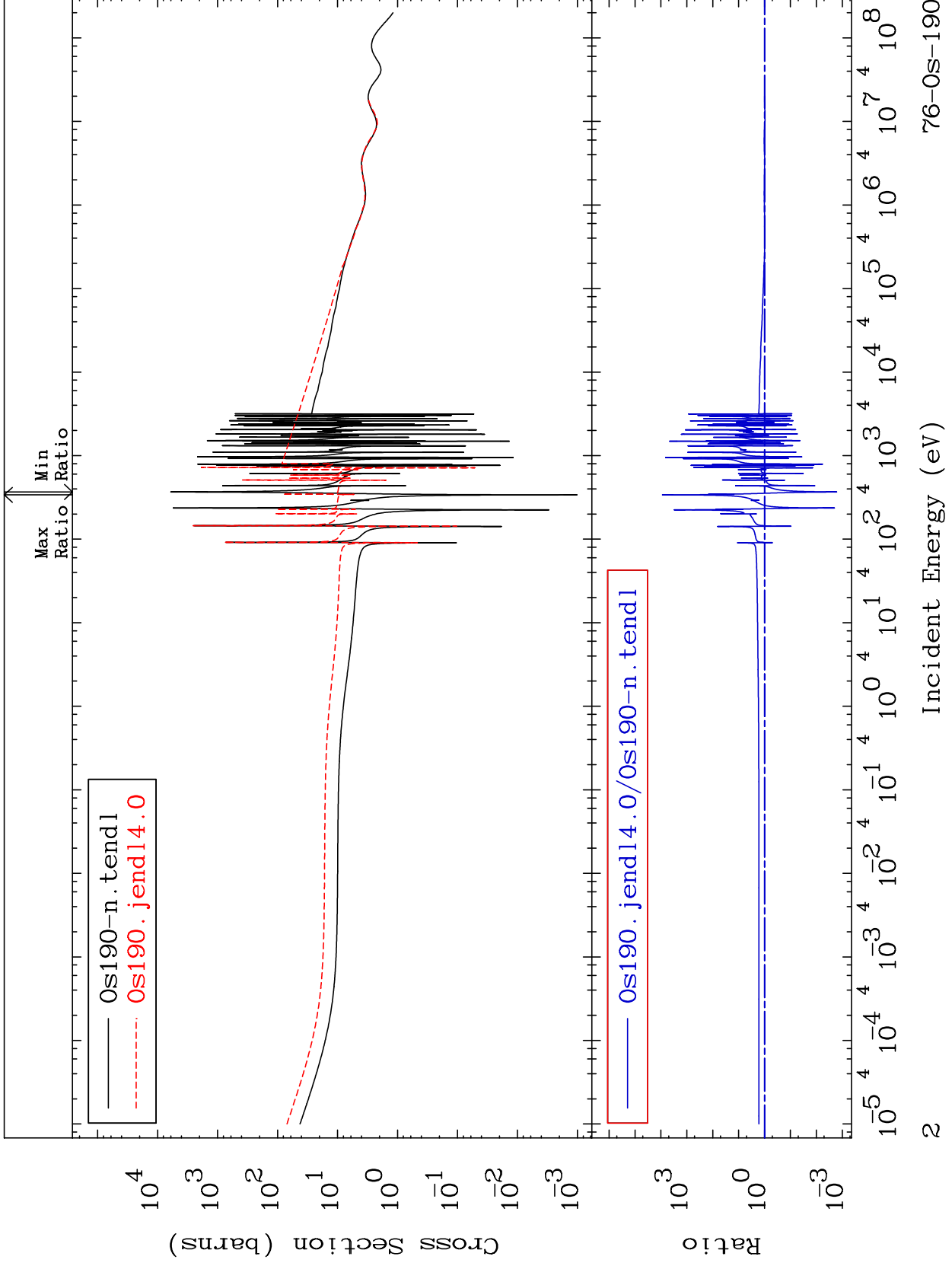
Incident Energy (eV)

76-0s-190

MAT 7643

Elastic
Cross Section

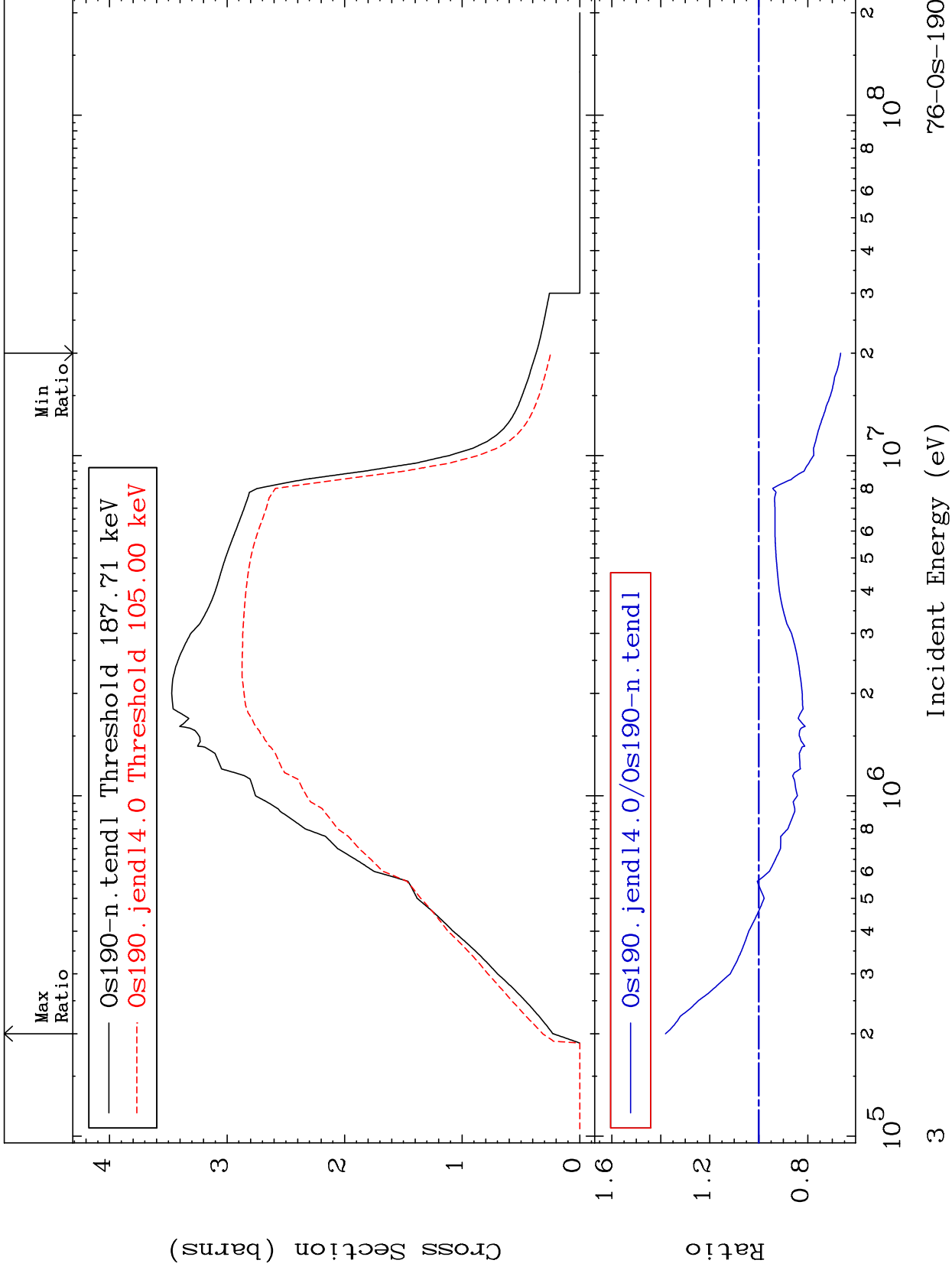
76-0s-190
-99.84 To 9999. %



MAT 7643

Inelastic
Cross Section

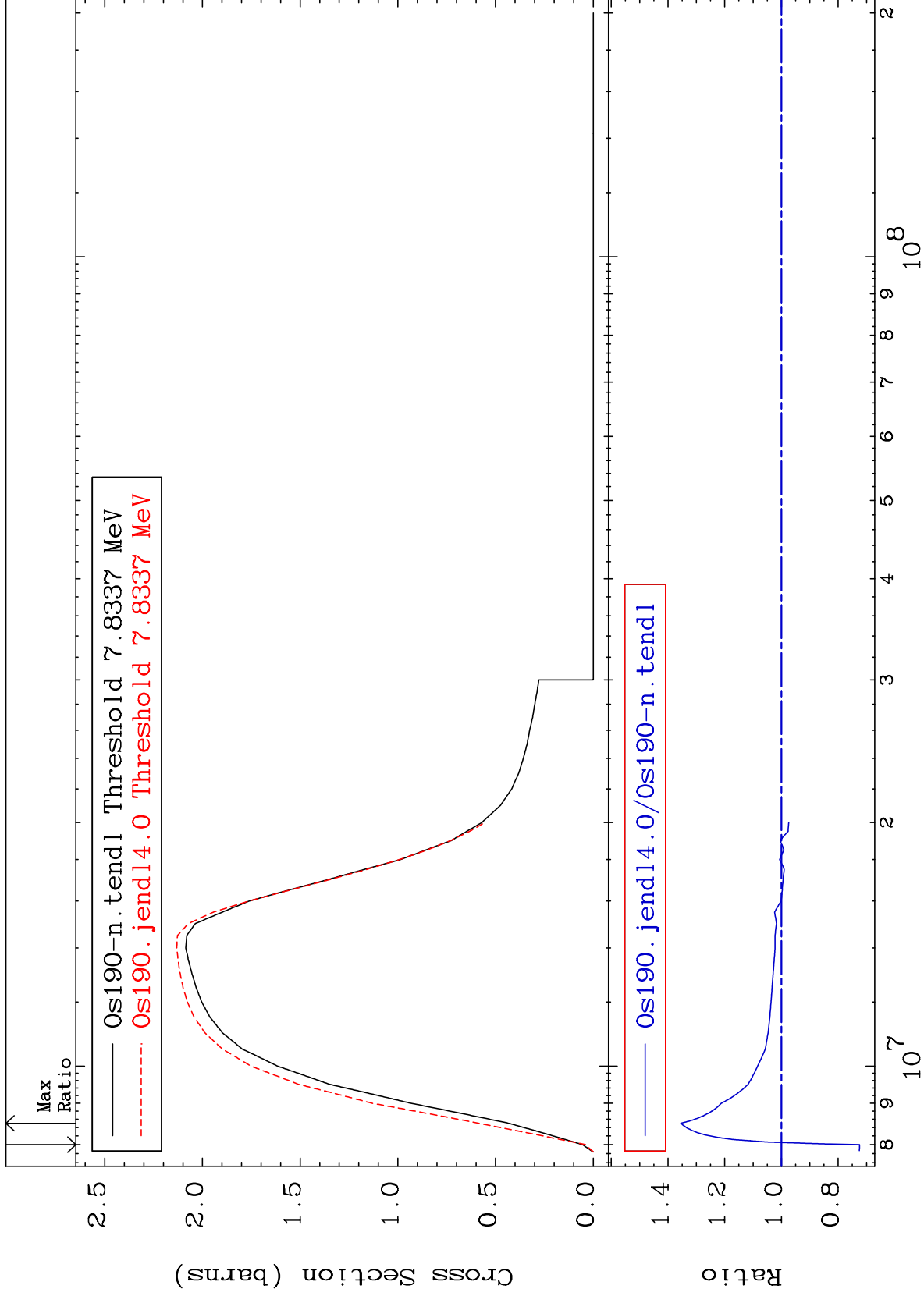
76-Os-190
-33.42 To 38.07 %



MAT 7643

(n,2n)
Cross Section

76-0s-190
-27.54 To 35.49 %



4

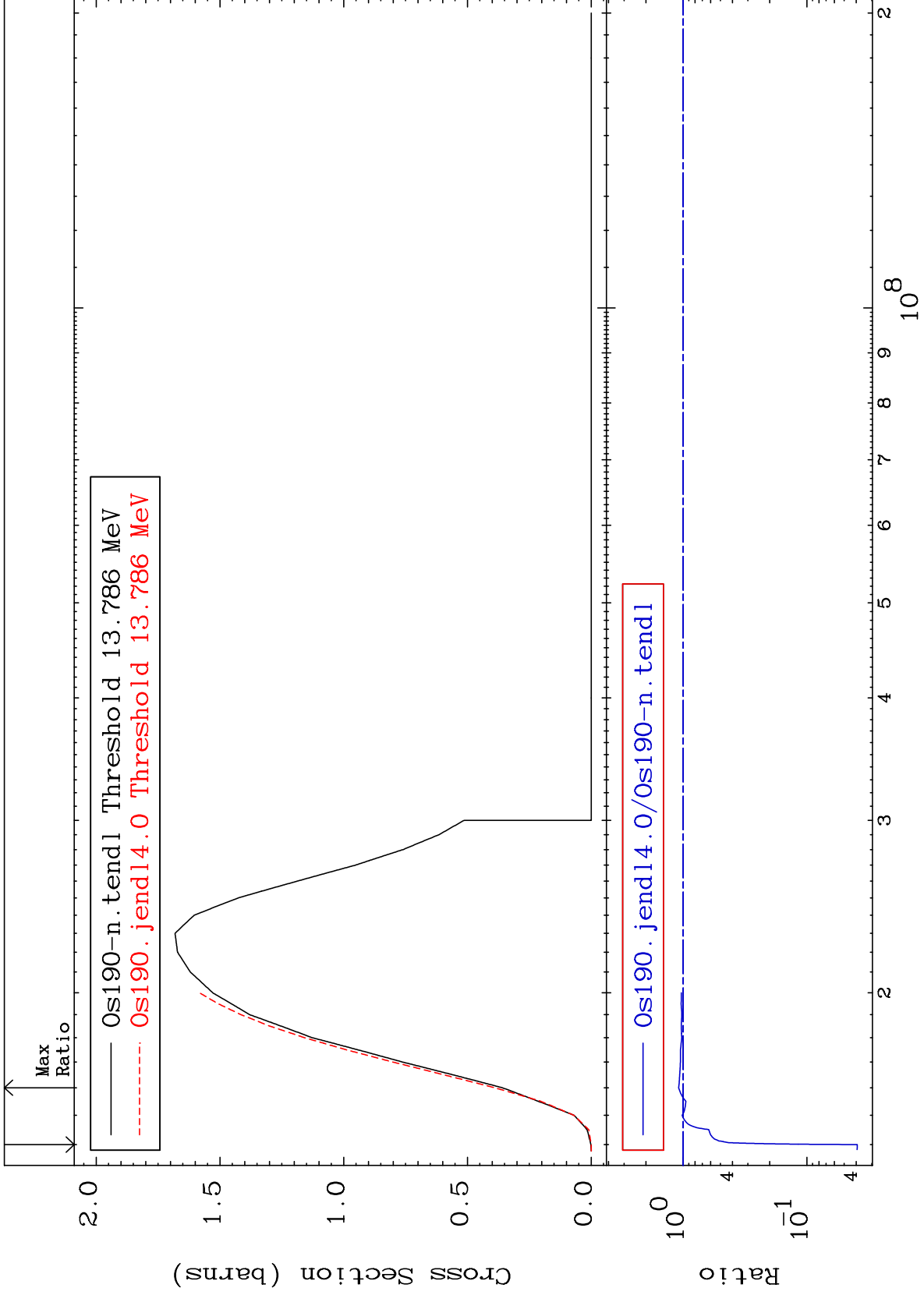
Incident Energy (eV)

76-0s-190

MAT 7643

(n,3n)
Cross Section

76-0s-190
-96.07 To 8.685 %



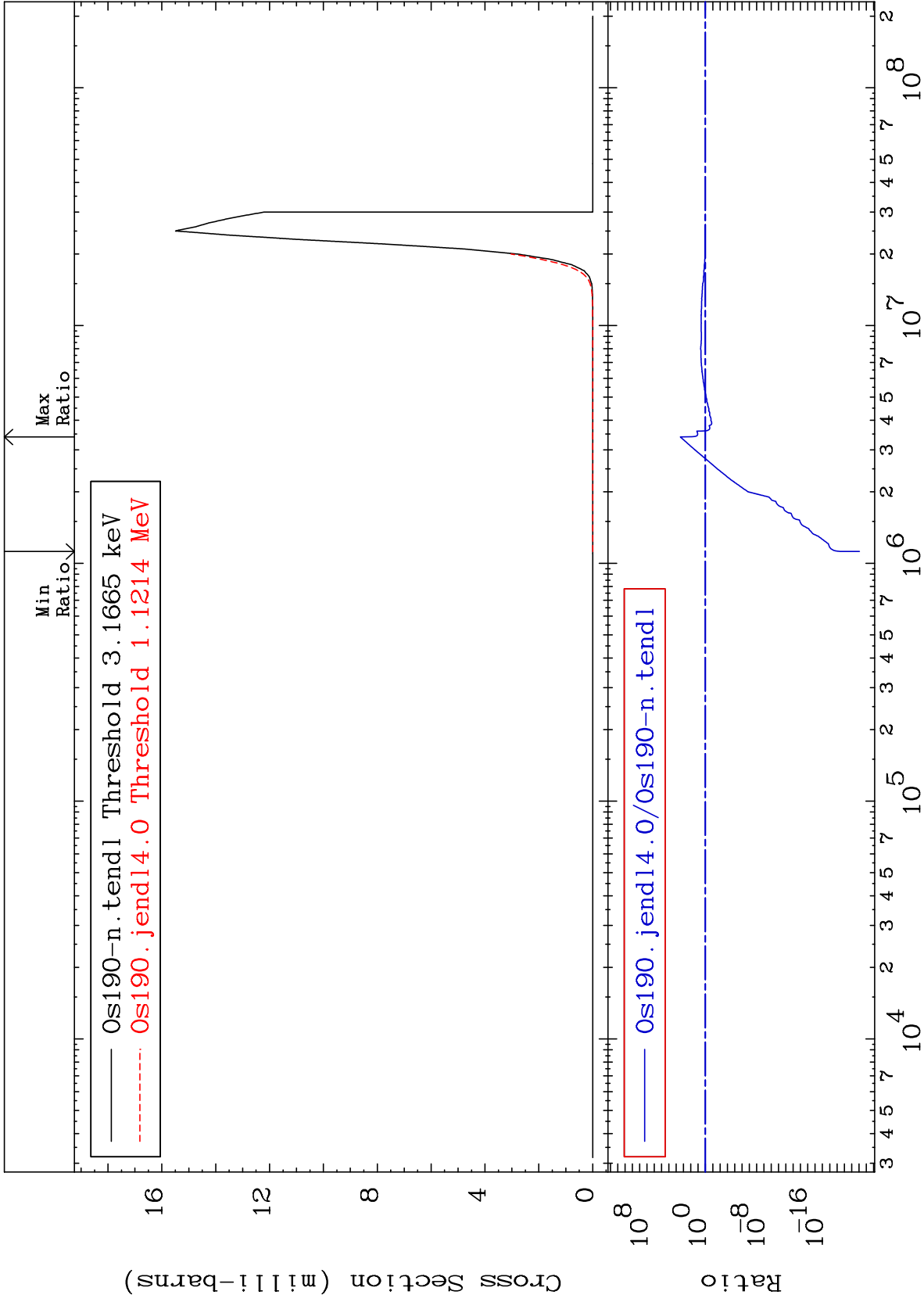
MAT 7643

(n, n') α

76-Os-190

Cross Section

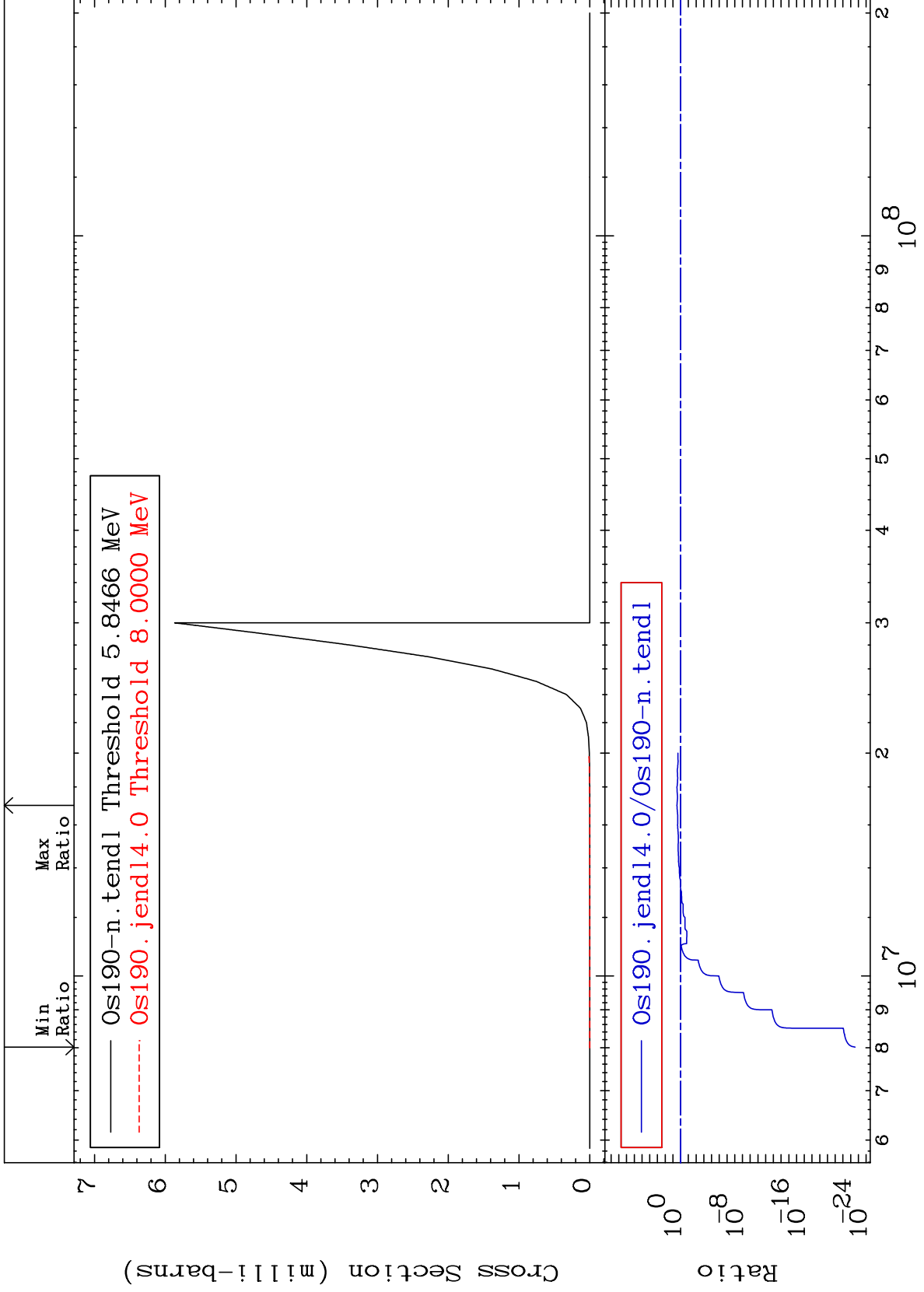
-100.0 To 9999. %



MAT 7643

(n,2n) α
Cross Section

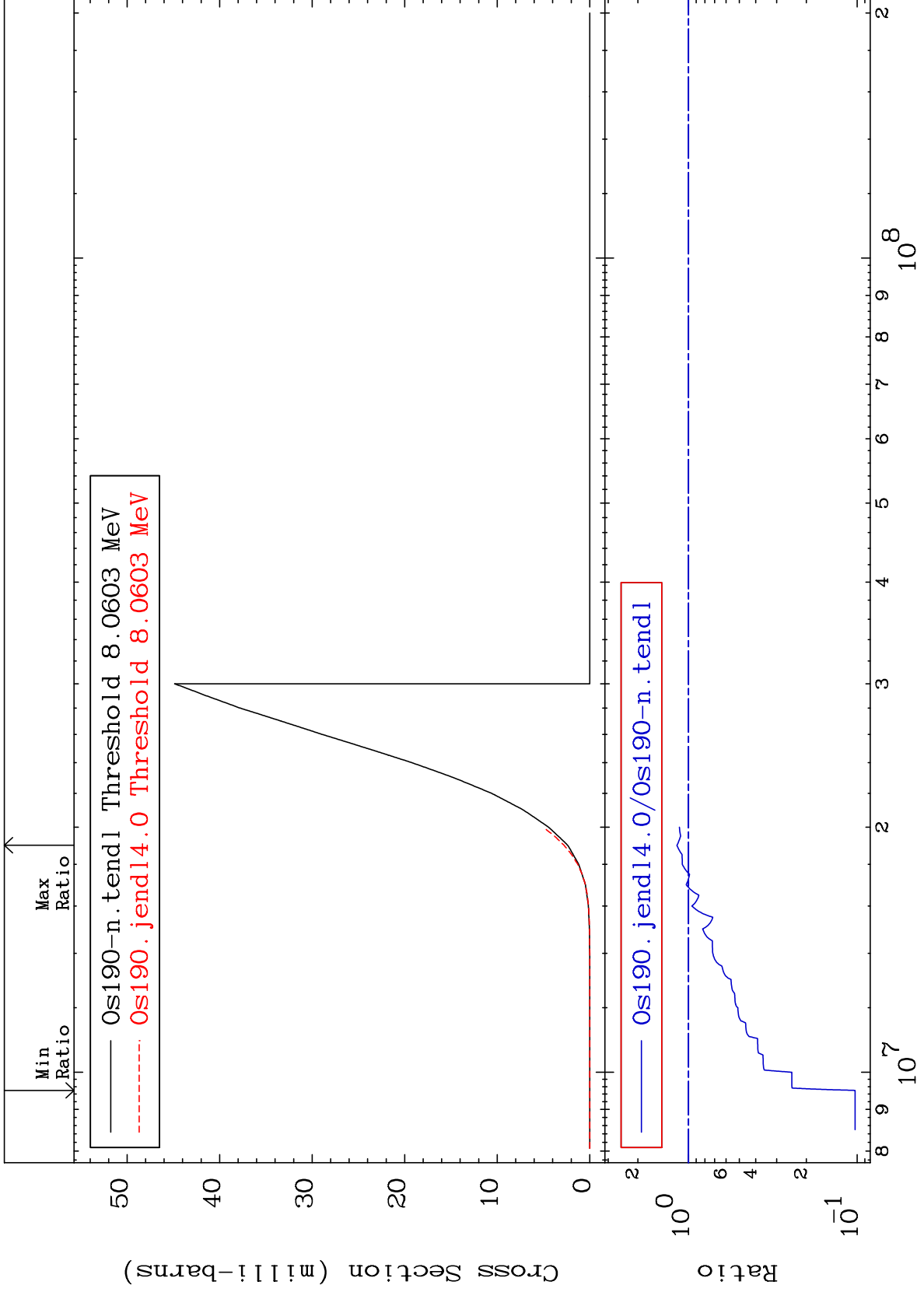
76-0s-190
-100.0 To 202.3 %



MAT 7643

(n,n') p
Cross Section

76-0s-190
-89.72 To 17.21 %



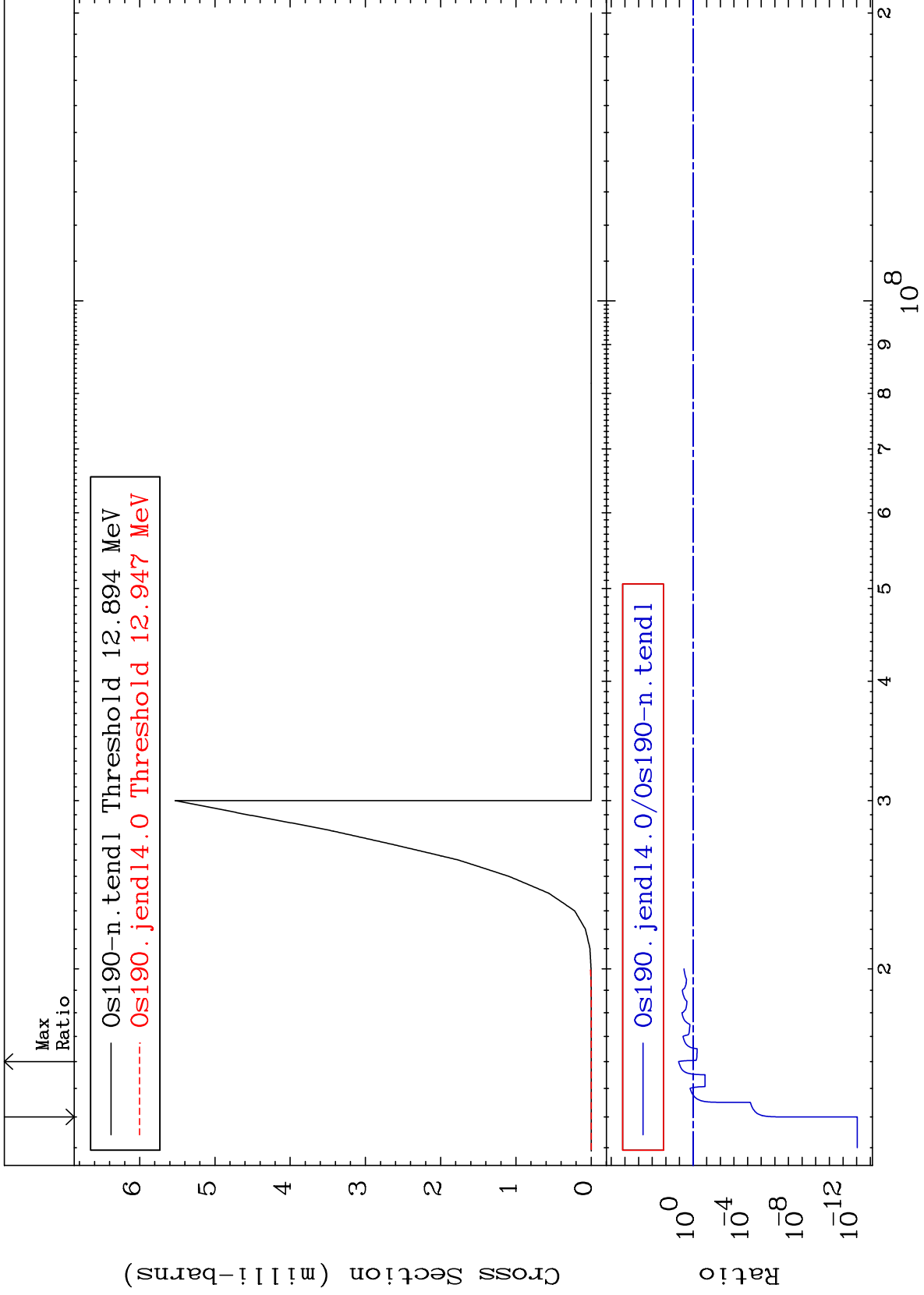
76-0s-190

8

MAT 7643

(n,n') d
Cross Section

76-0s-190
-100.0 To 1046. %



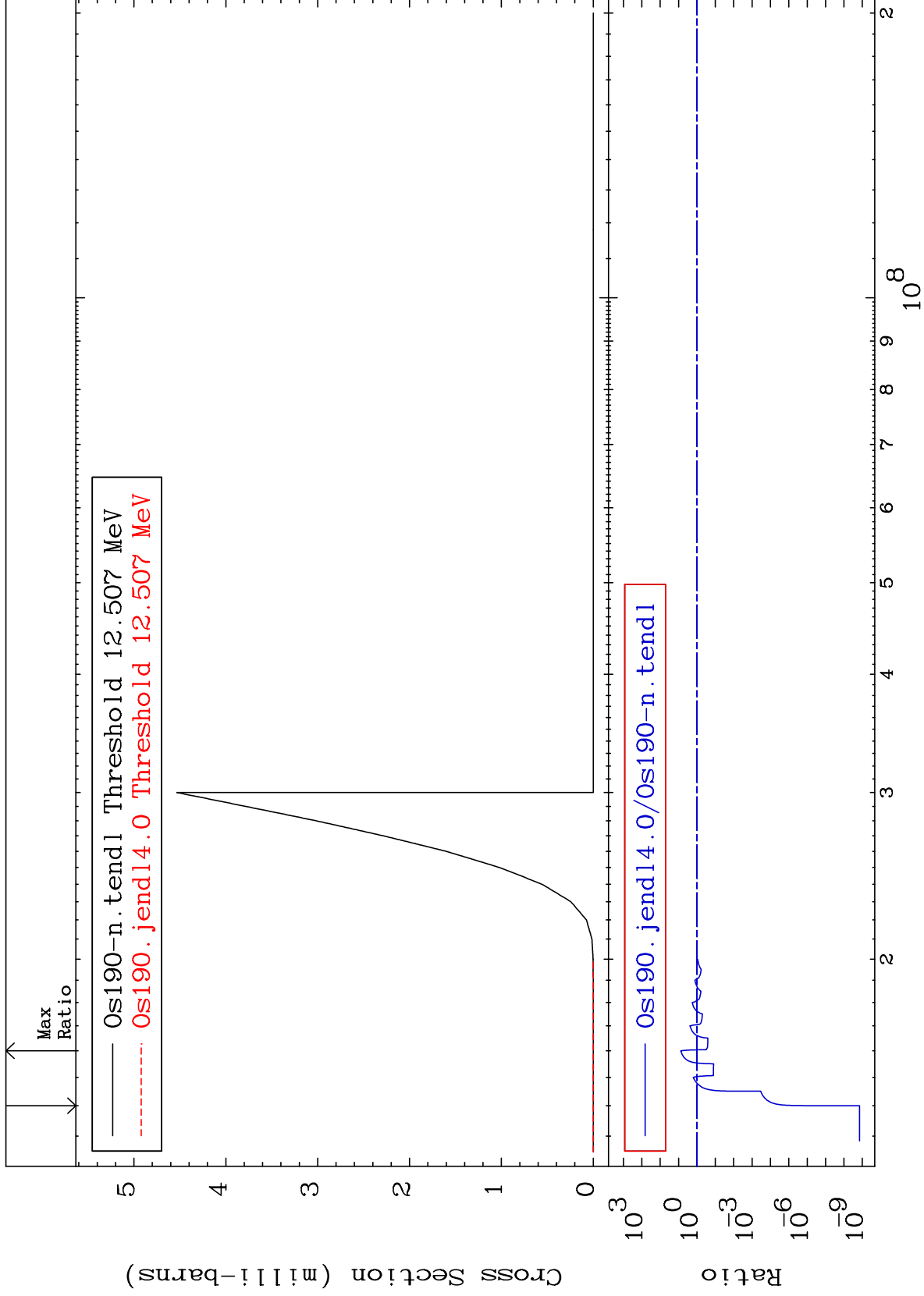
MAT 7643

(n,n') t

76-0s-190

Cross Section

-100.0 To 658.6 %



10

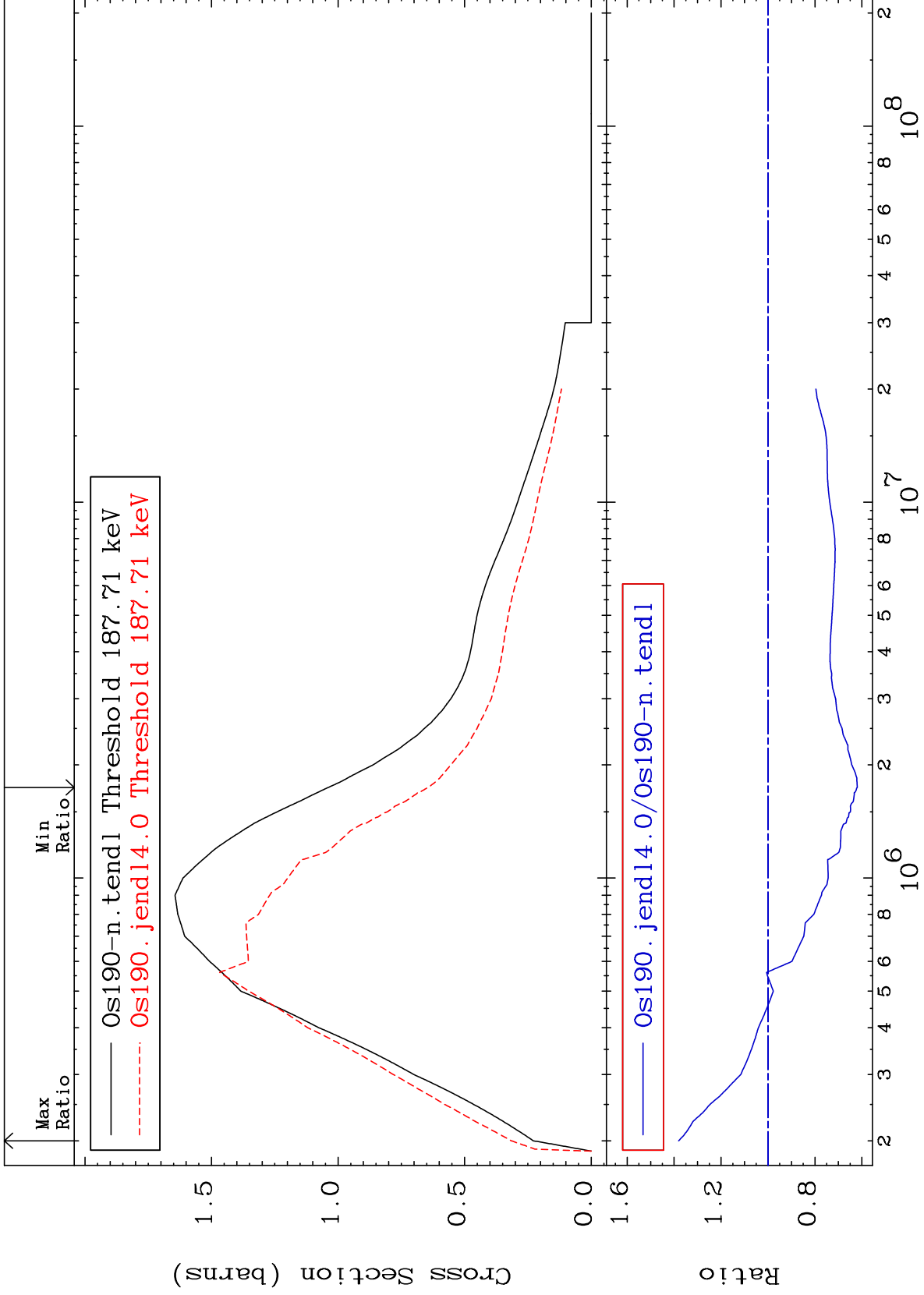
Incident Energy (eV)

76-0s-190

MAT 7643

186.7 keV (n,n') Level
Cross Section

76-0s-190
-38.02 To 38.06 %



11

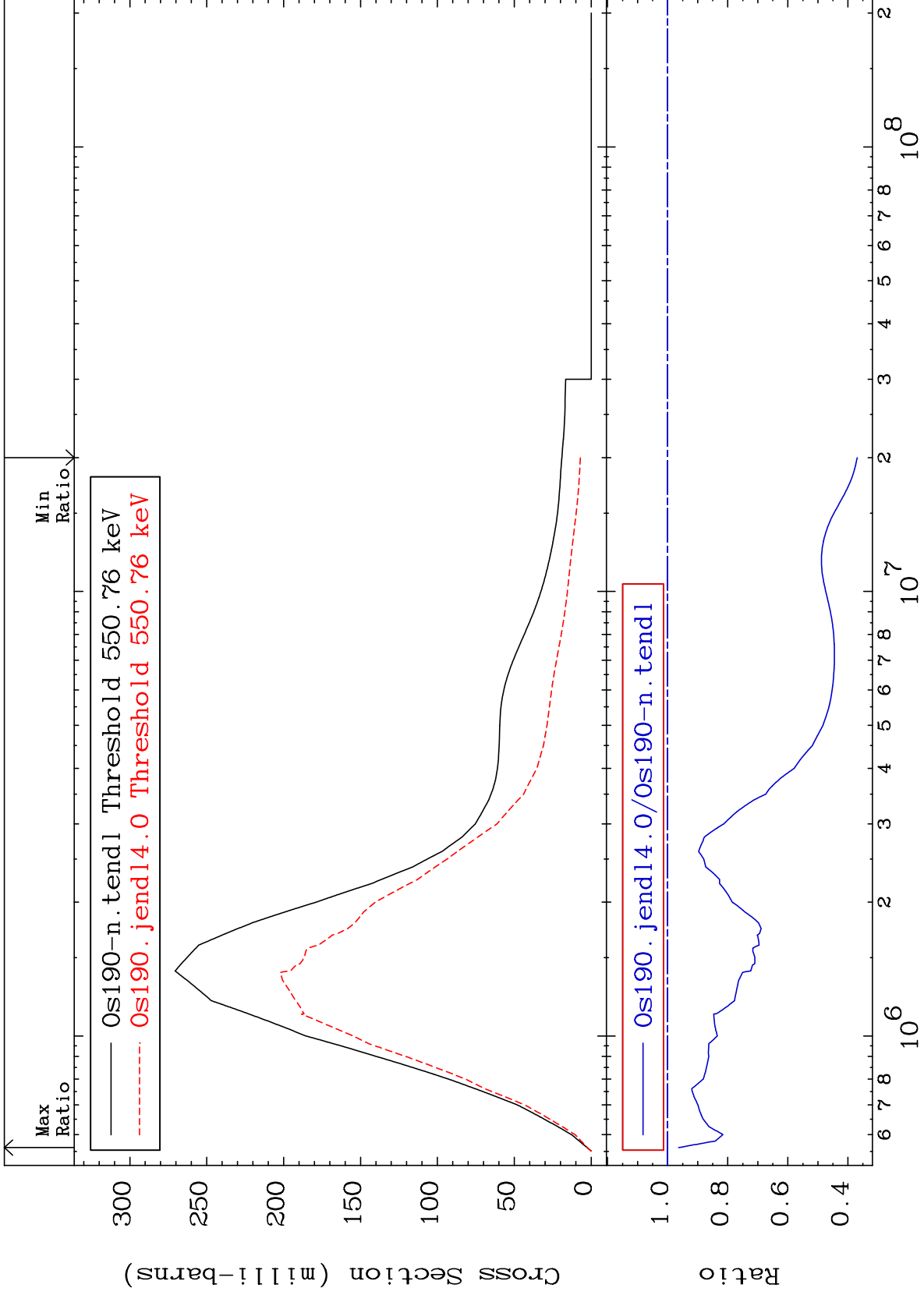
Incident Energy (eV)

76-0s-190

MAT 7643

547.9 keV (n,n') Level
Cross Section

76-Os-190
-63.10 To -3.661%



12

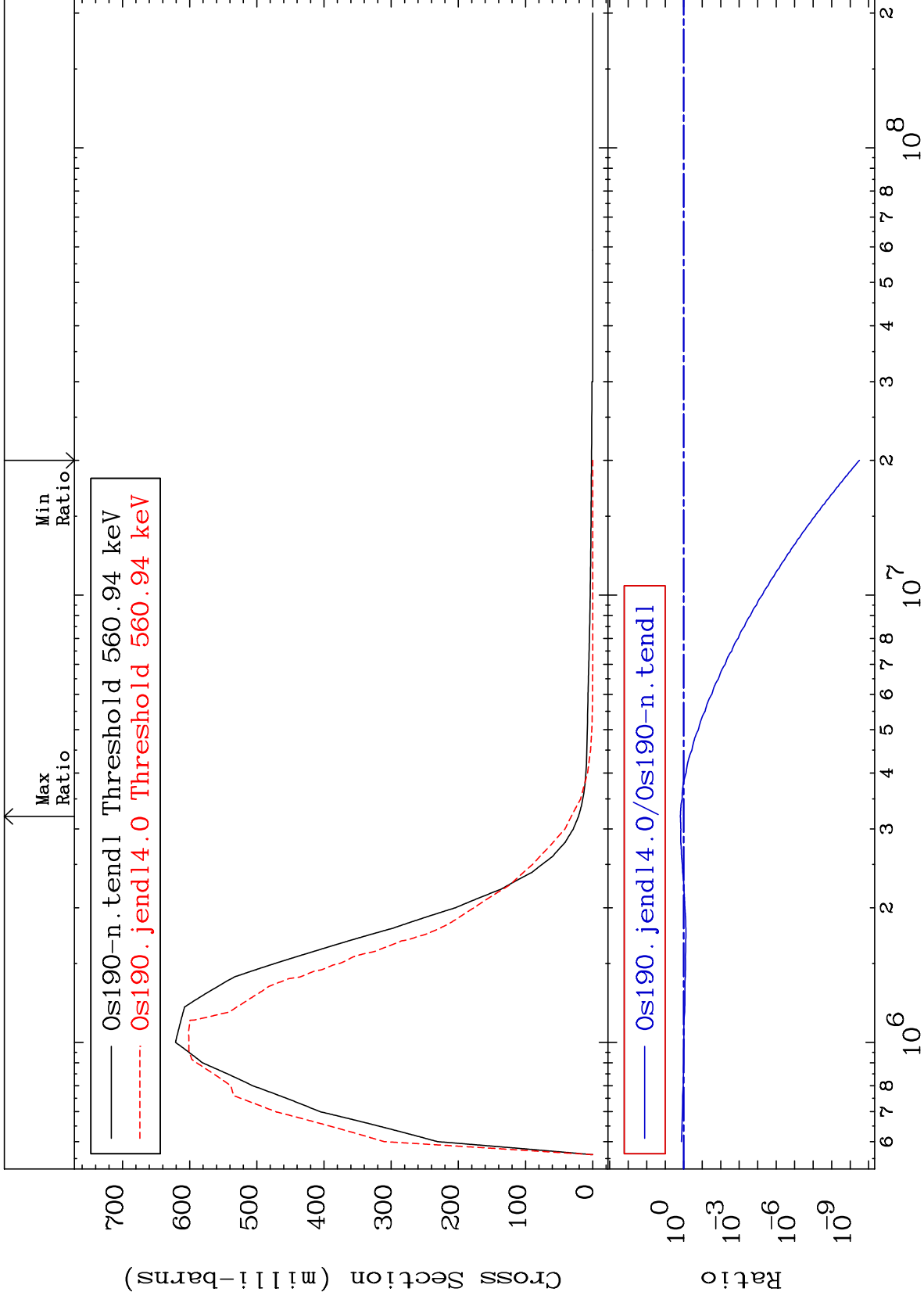
Incident Energy (eV)

76-Os-190

MAT 7643

558.0 keV (n,n') Level
Cross Section

76-0s-190
-100.0 To 51.46 %



13

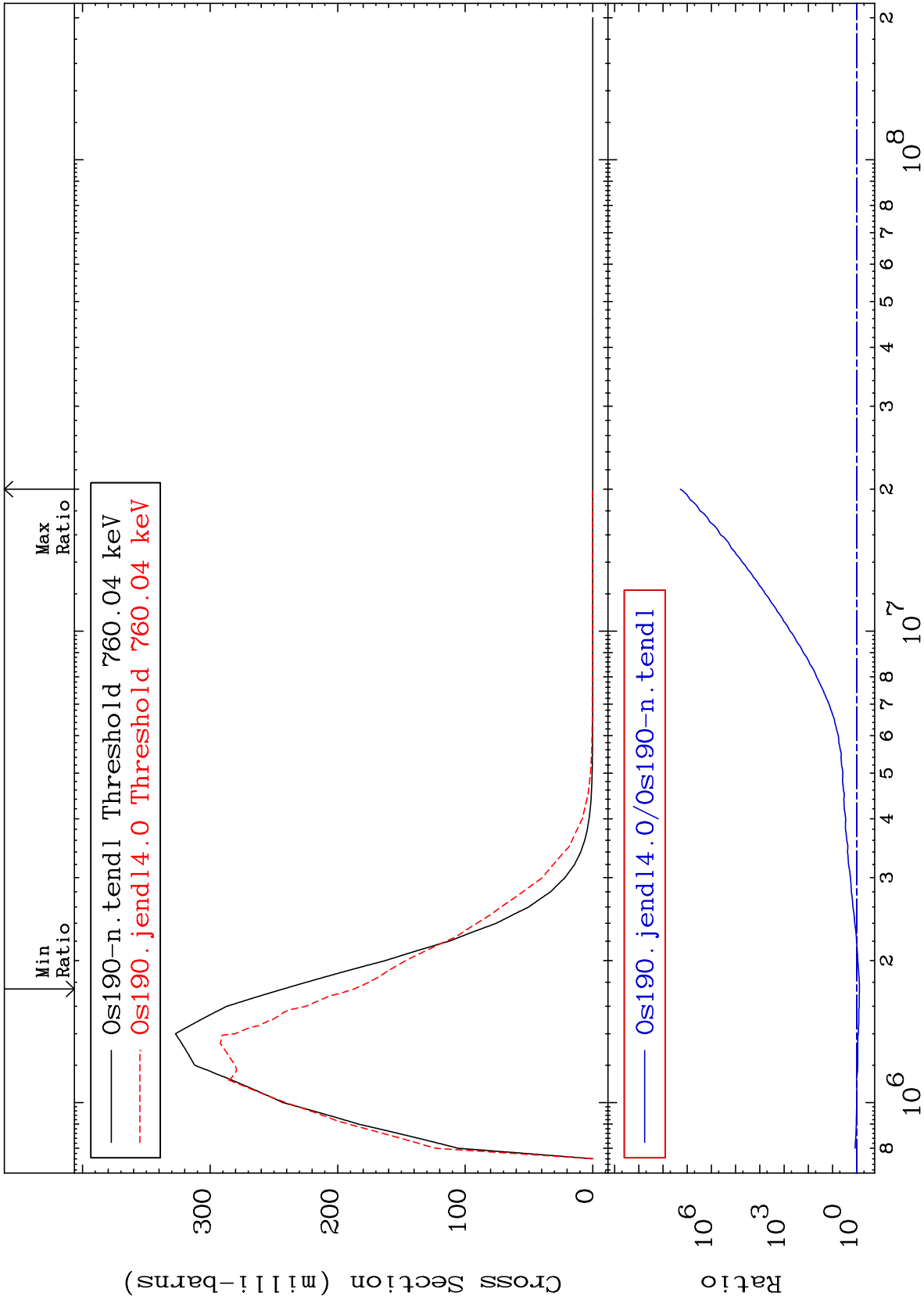
Incident Energy (eV)

76-0s-190

MAT 7643

756.0 keV (n,n') Level
Cross Section

76-0s-190
-22.92 To 9999. %



14

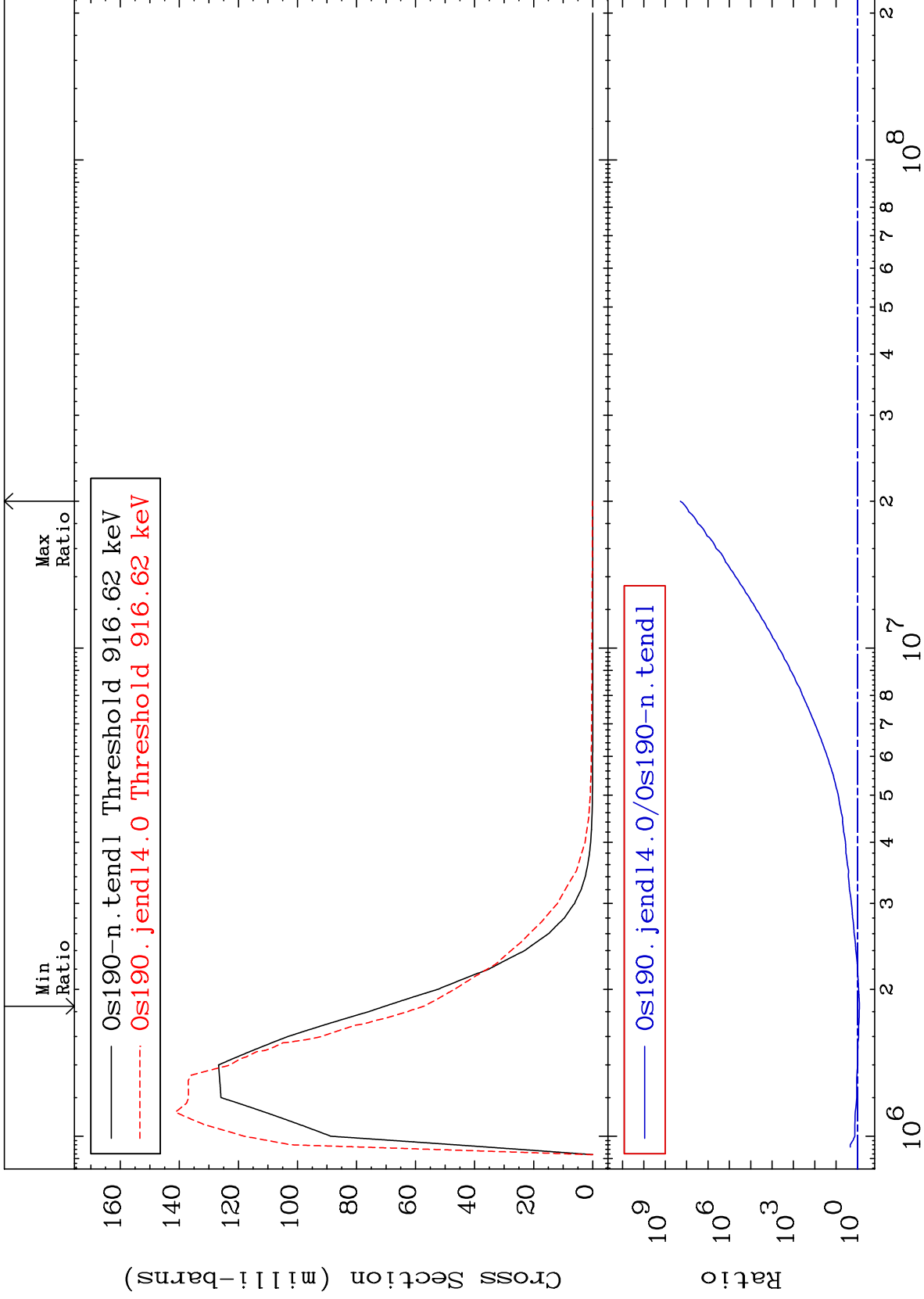
Incident Energy (eV)

76-0s-190

MAT 7643

911.8 keV (n,n') Level
Cross Section

76-0s-190
-18.74 To 9999. %



Incident Energy (eV)

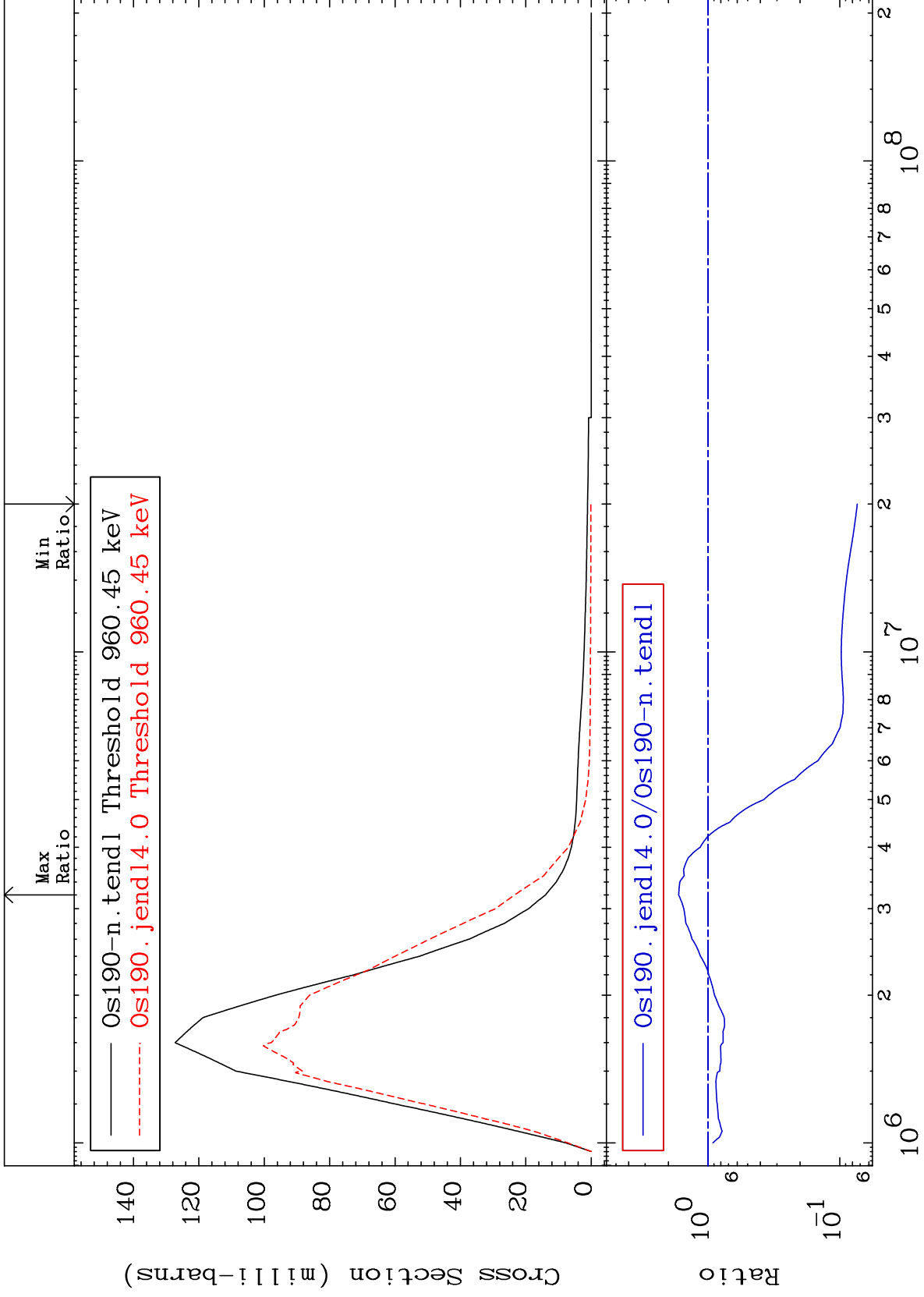
15

76-0s-190

MAT 7643

955.4 keV (n,n') Level
Cross Section

76-0s-190
-92.65 To 67.19 %



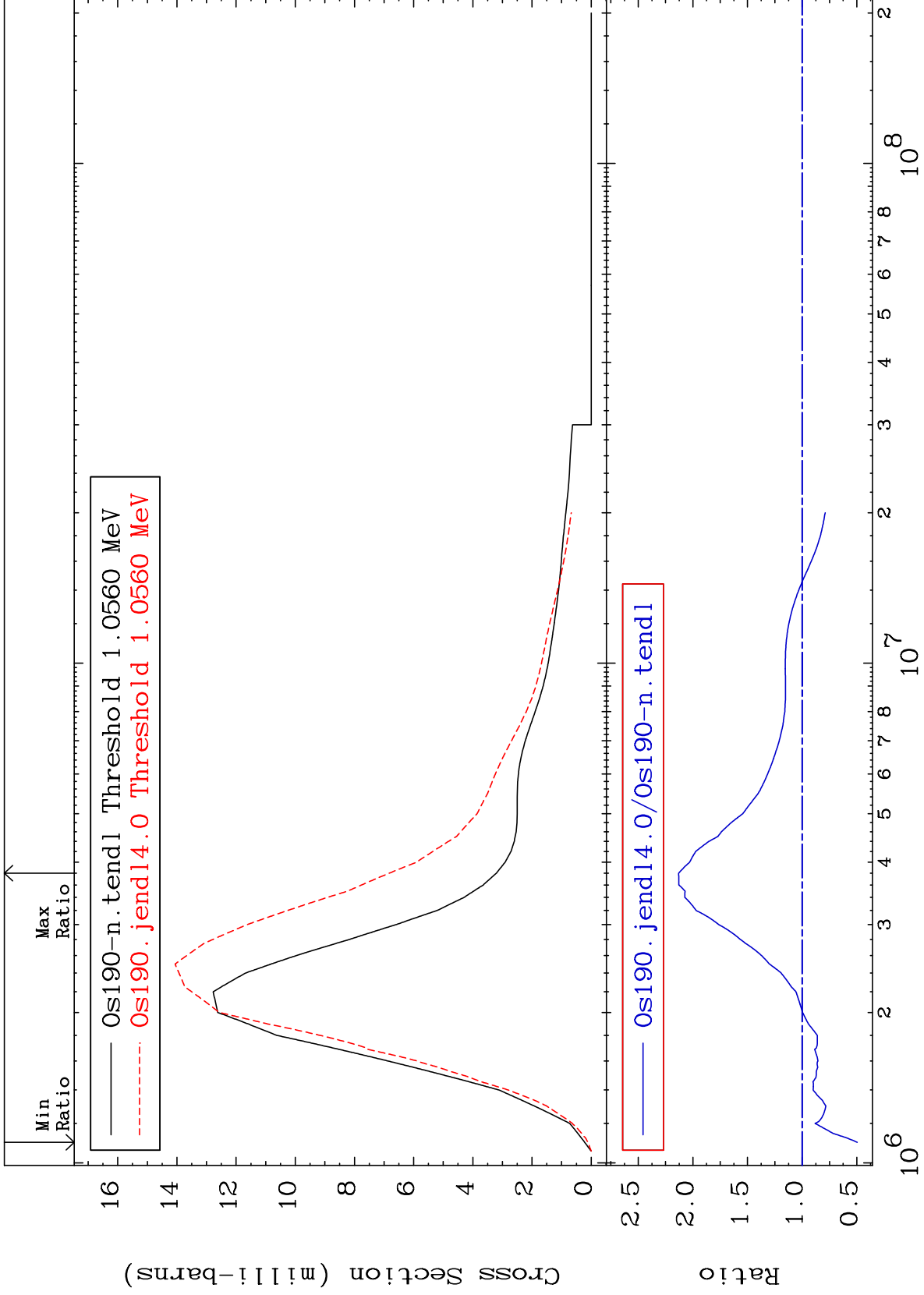
Incident Energy (eV)

76-0s-190

MAT 7643

1.050 MeV (n,n') Level
Cross Section

76-0s-190
-50.38 To 113.0 %



17

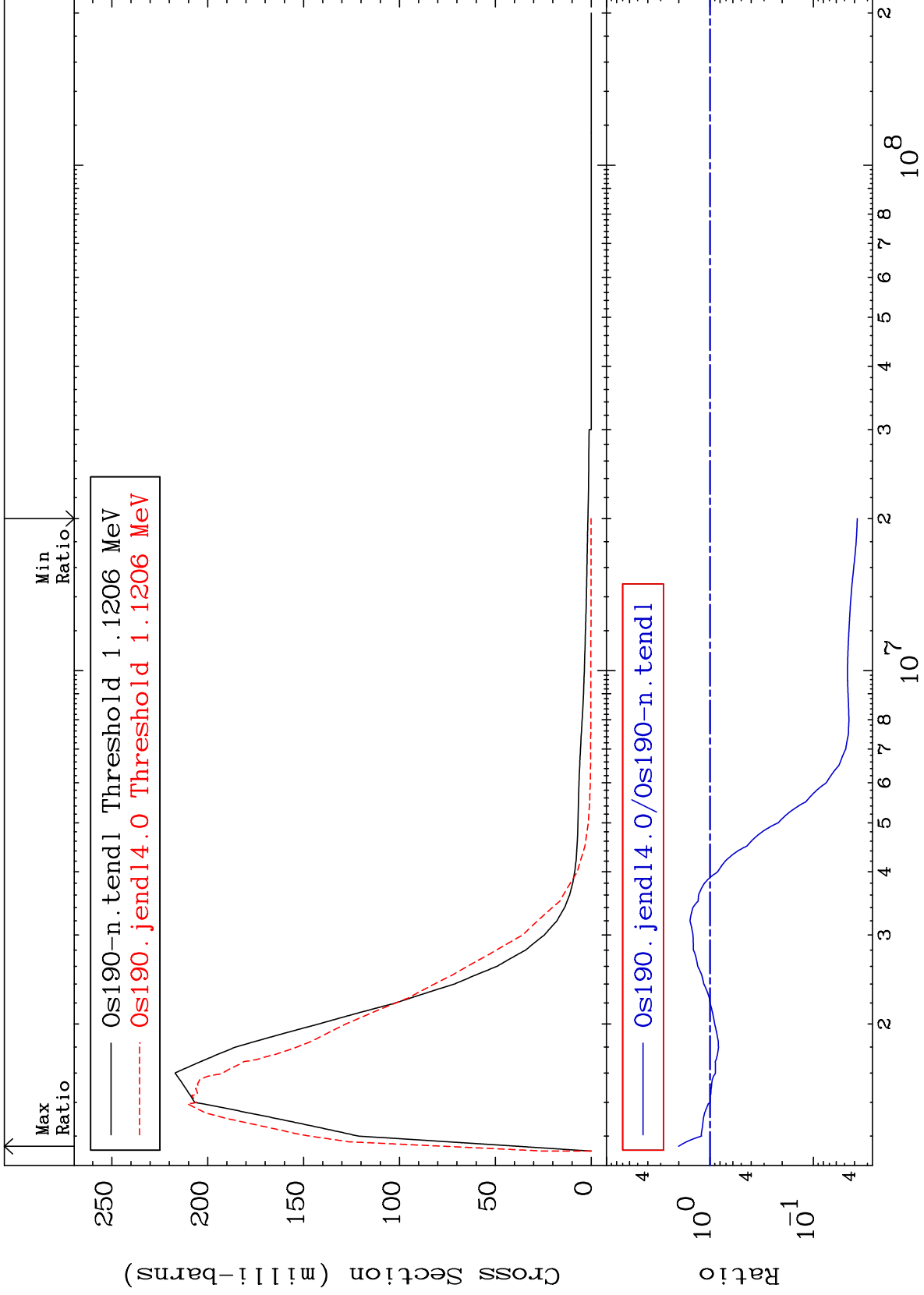
Incident Energy (eV)

76-0s-190

MAT 7643

1.115 MeV (n,n') Level
Cross Section

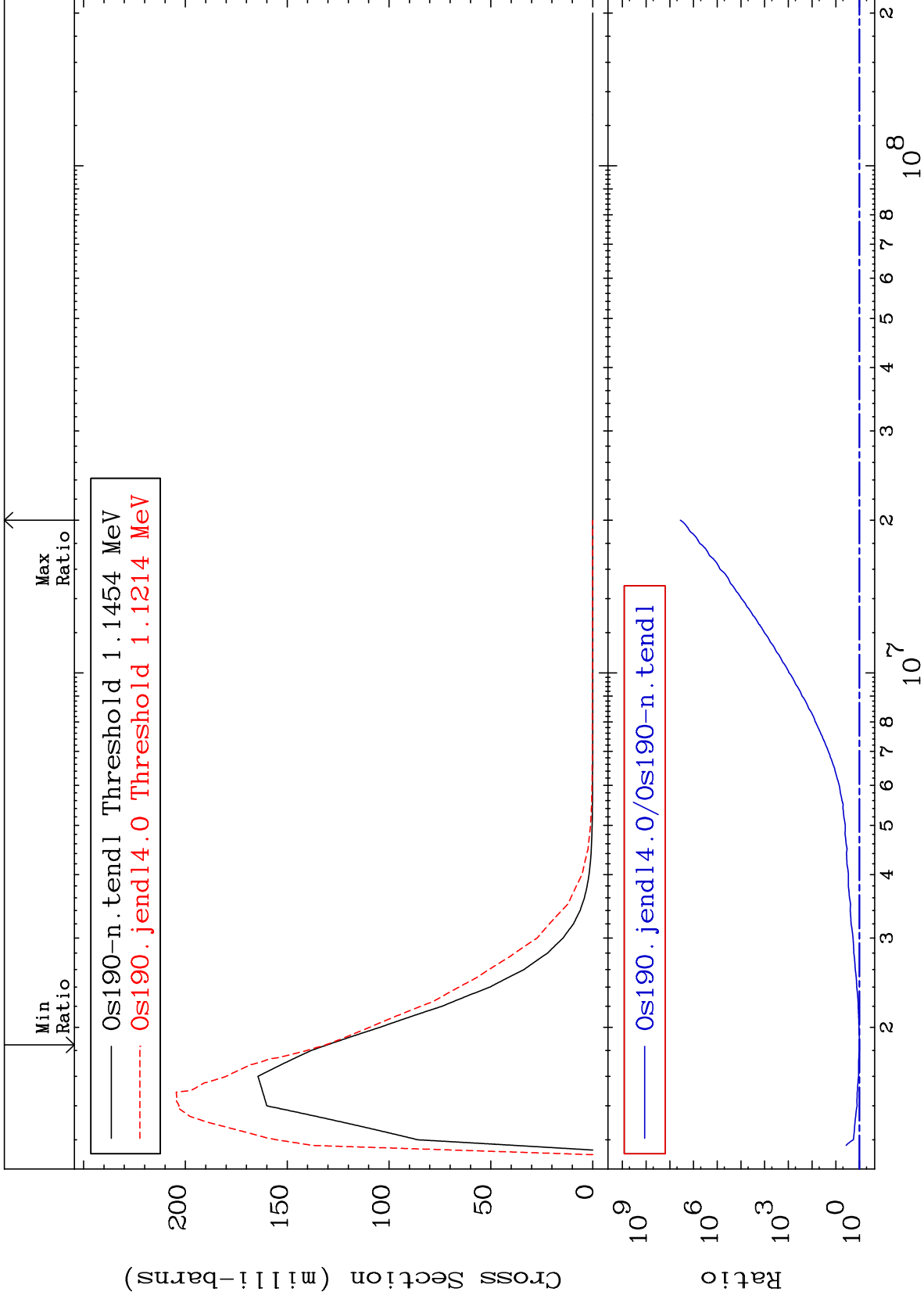
76-0s-190
-96.24 To 101.0 %



MAT 7643

1.139 MeV (n,n') Level
Cross Section

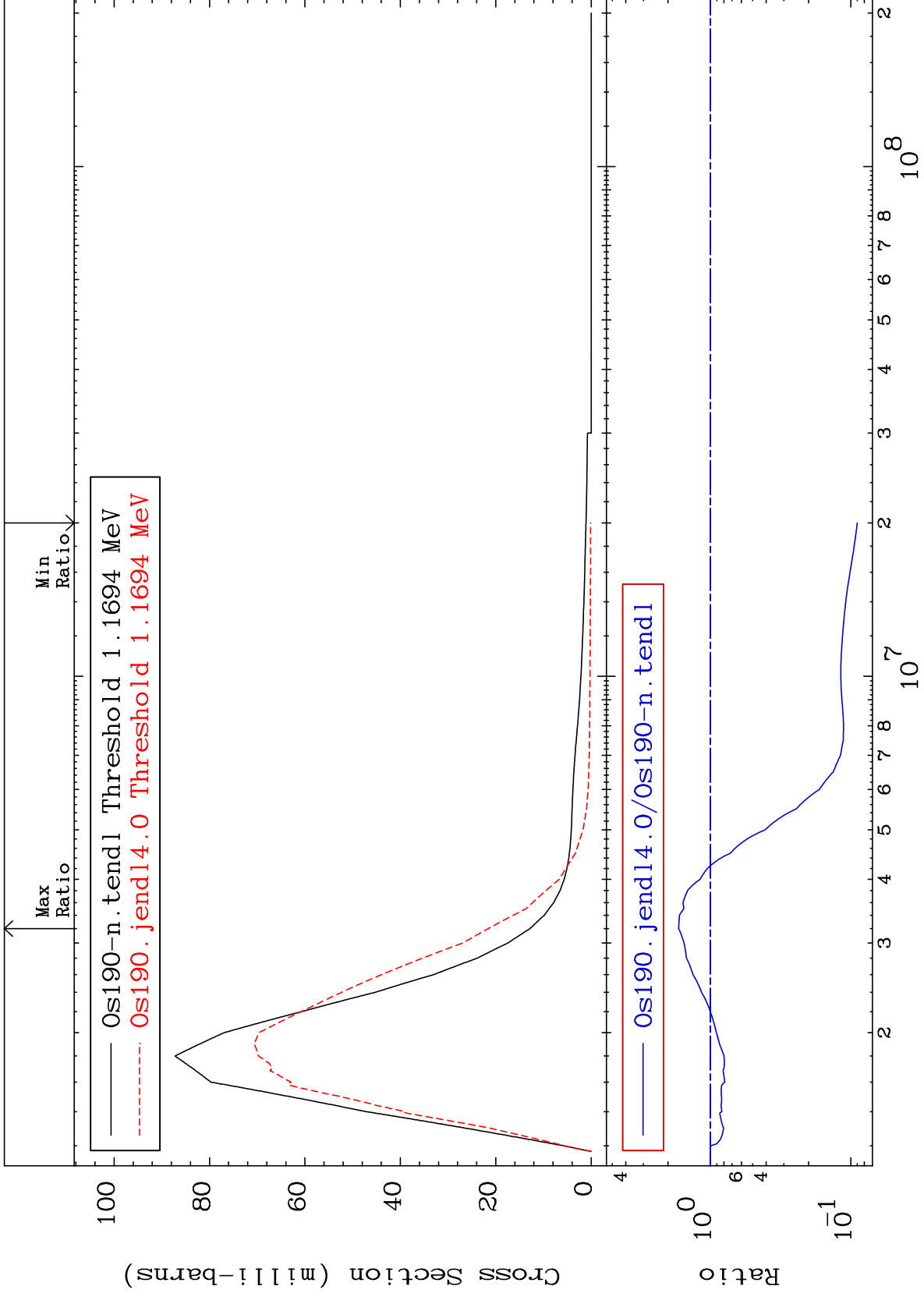
76-0s-190
0.507 To 9999. %



MAT 7643

1.163 MeV (n,n') Level
Cross Section

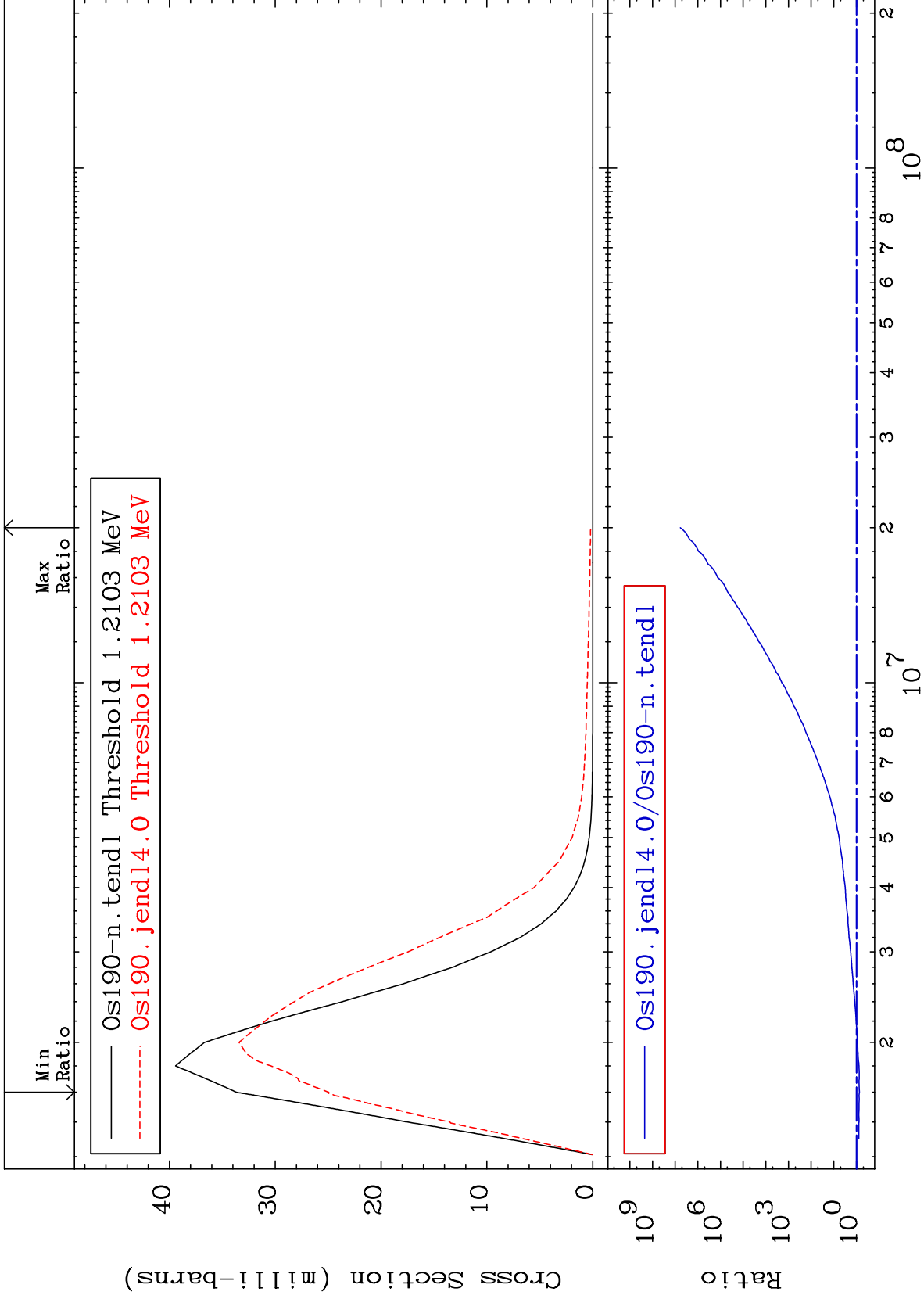
76-0s-190
-91.01 To 68.21 %



MAT 7643

1.204 MeV (n,n') Level
Cross Section

76-0s-190
-25.92 To 9999. %

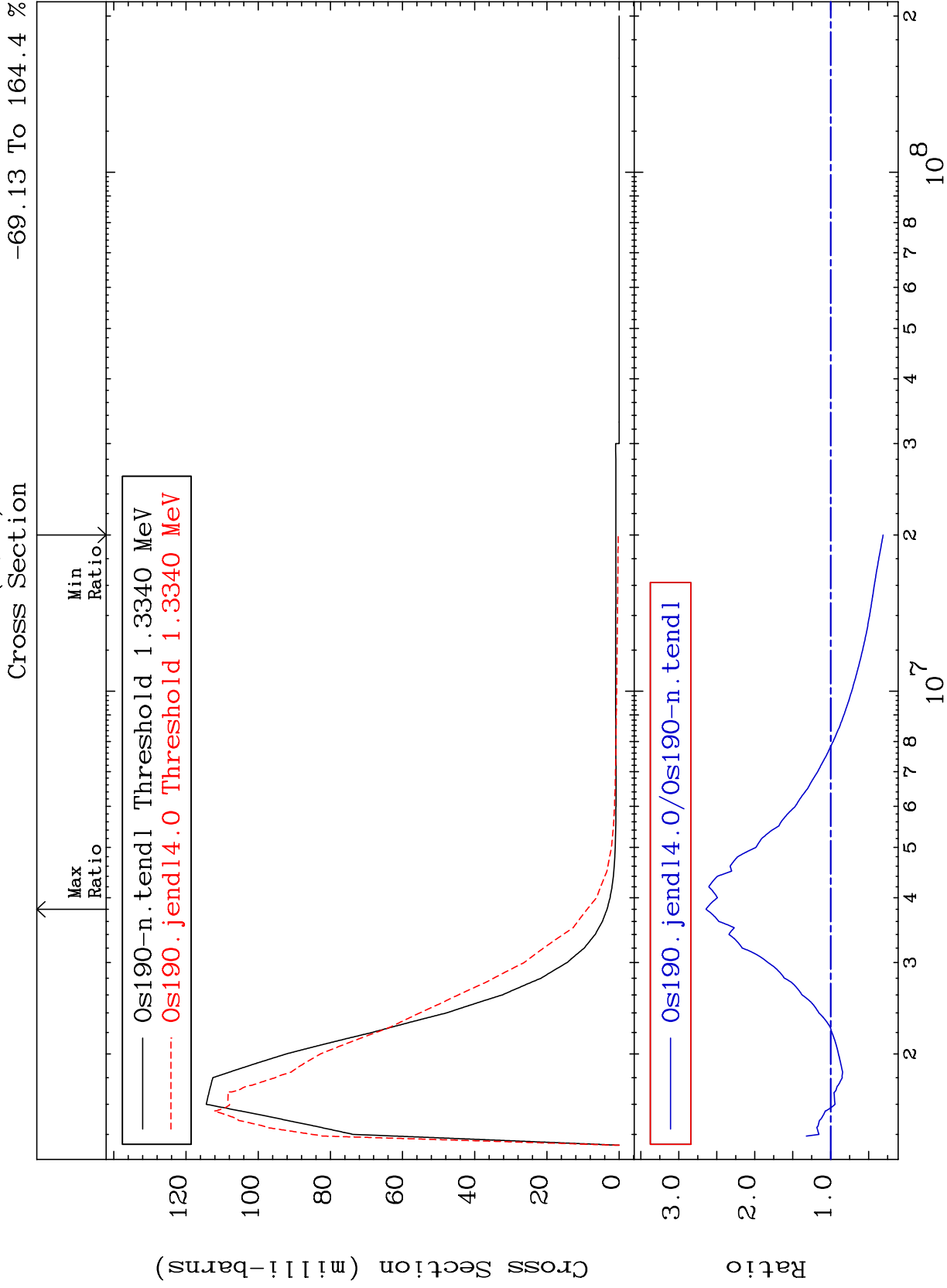


MAT 7643

1.327 MeV (n,n') Level

76-Os-190

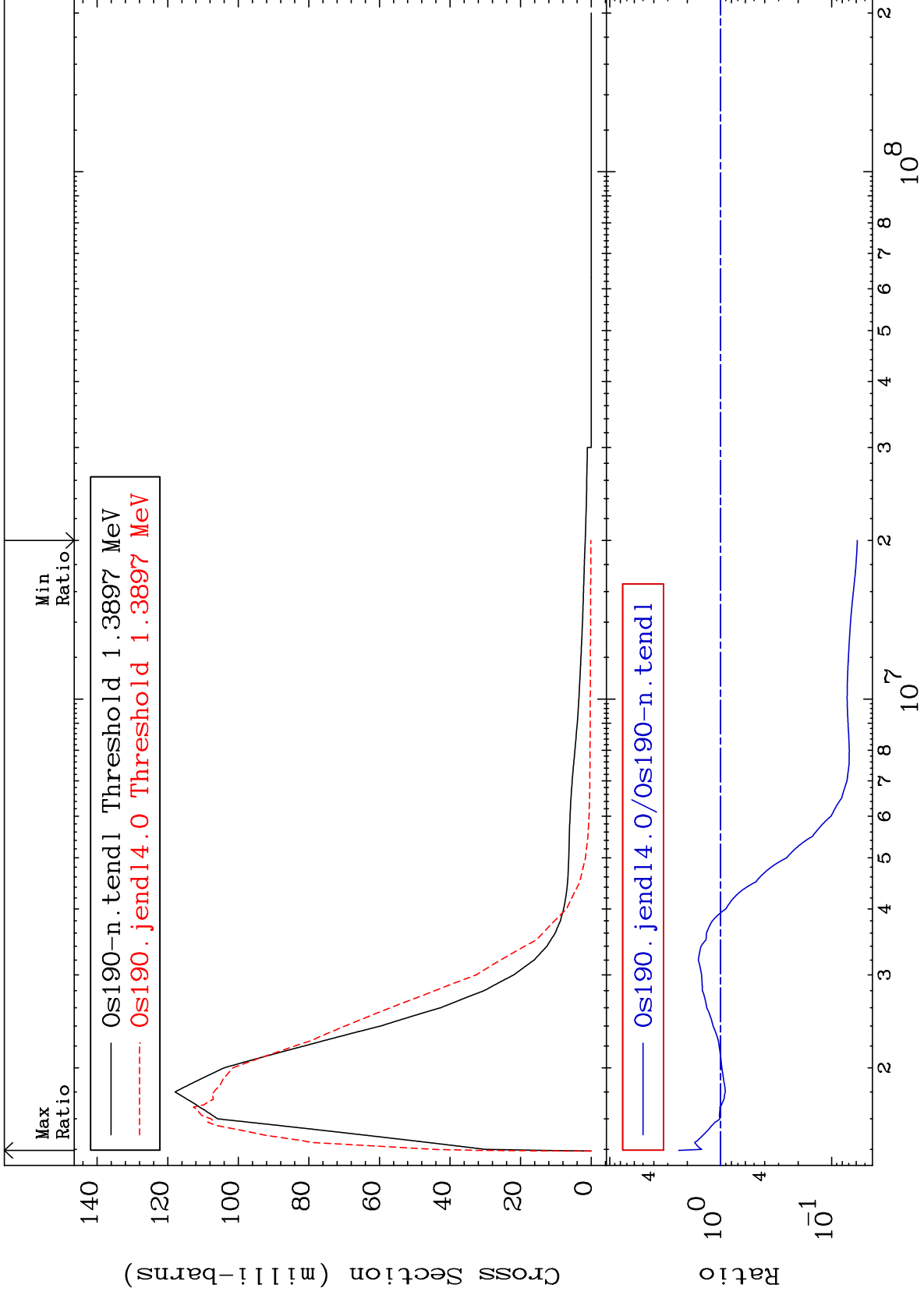
-69.13 To 164.4 %



MAT 7643

1.382 MeV (n,n') Level
Cross Section

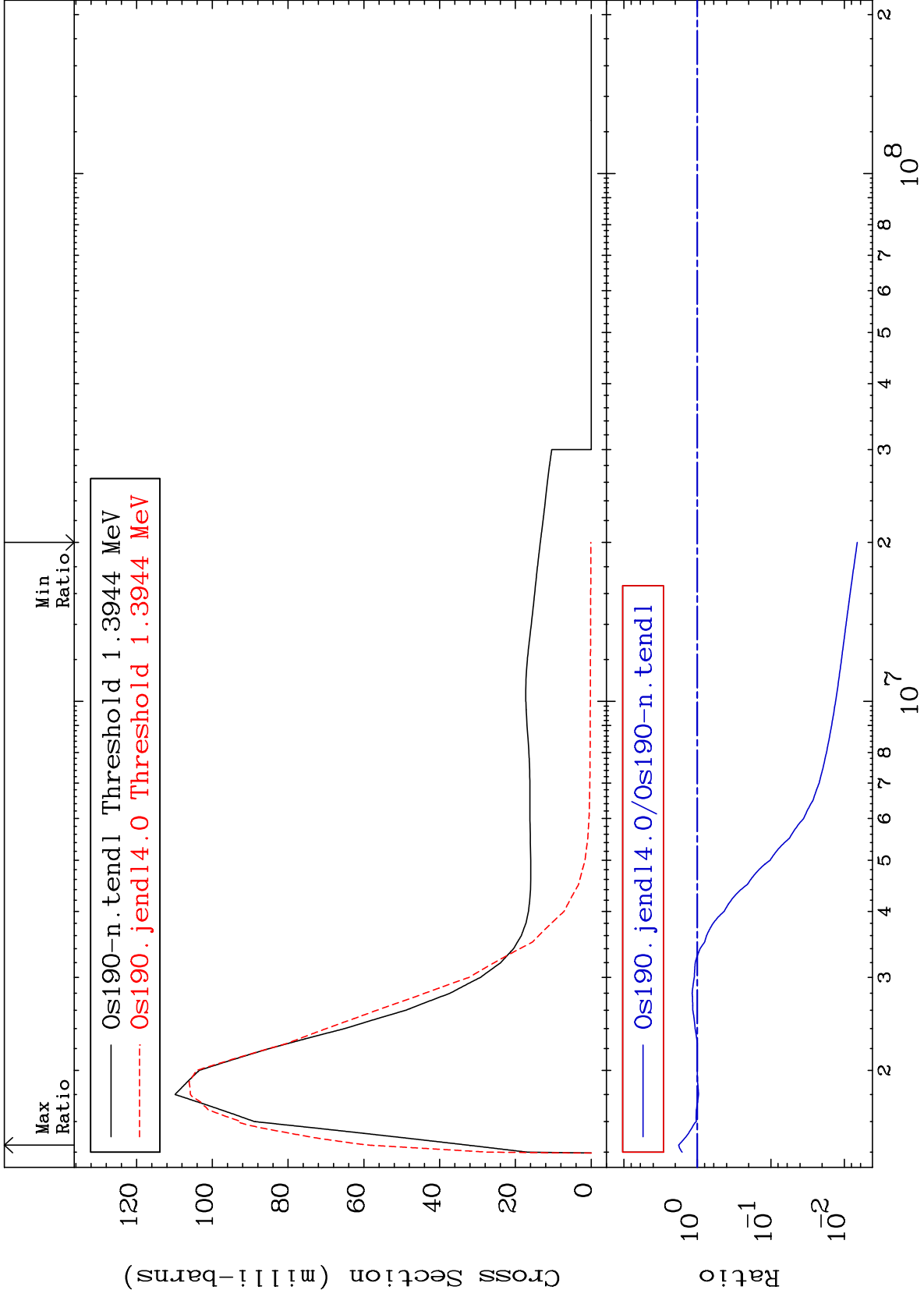
76-0s-190
-94.13 To 139.0 %



MAT 7643

1.387 MeV (n,n') Level
Cross Section

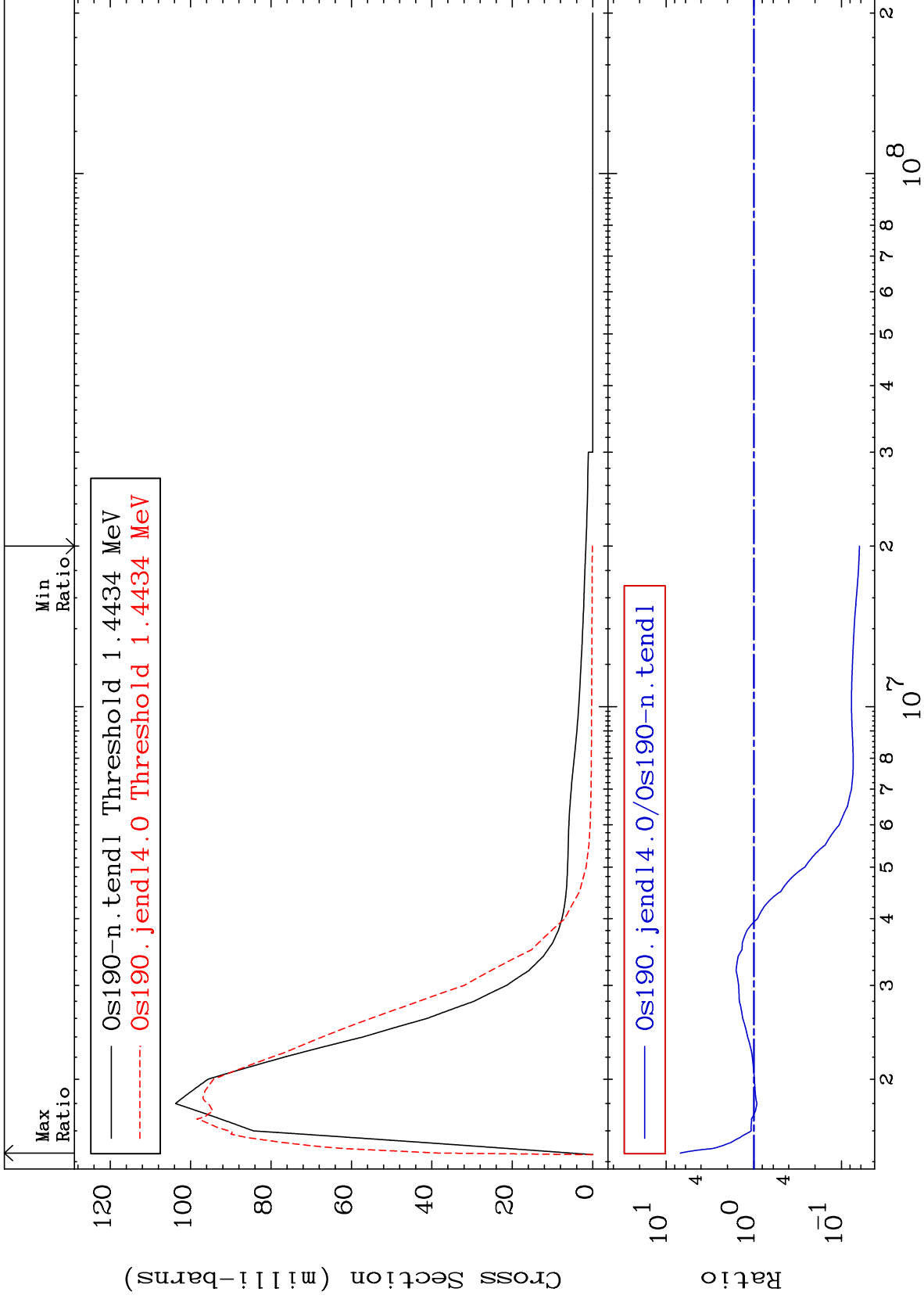
76-0s-190
-99.33 To 80.16 %



MAT 7643

1.436 MeV (n,n') Level
Cross Section

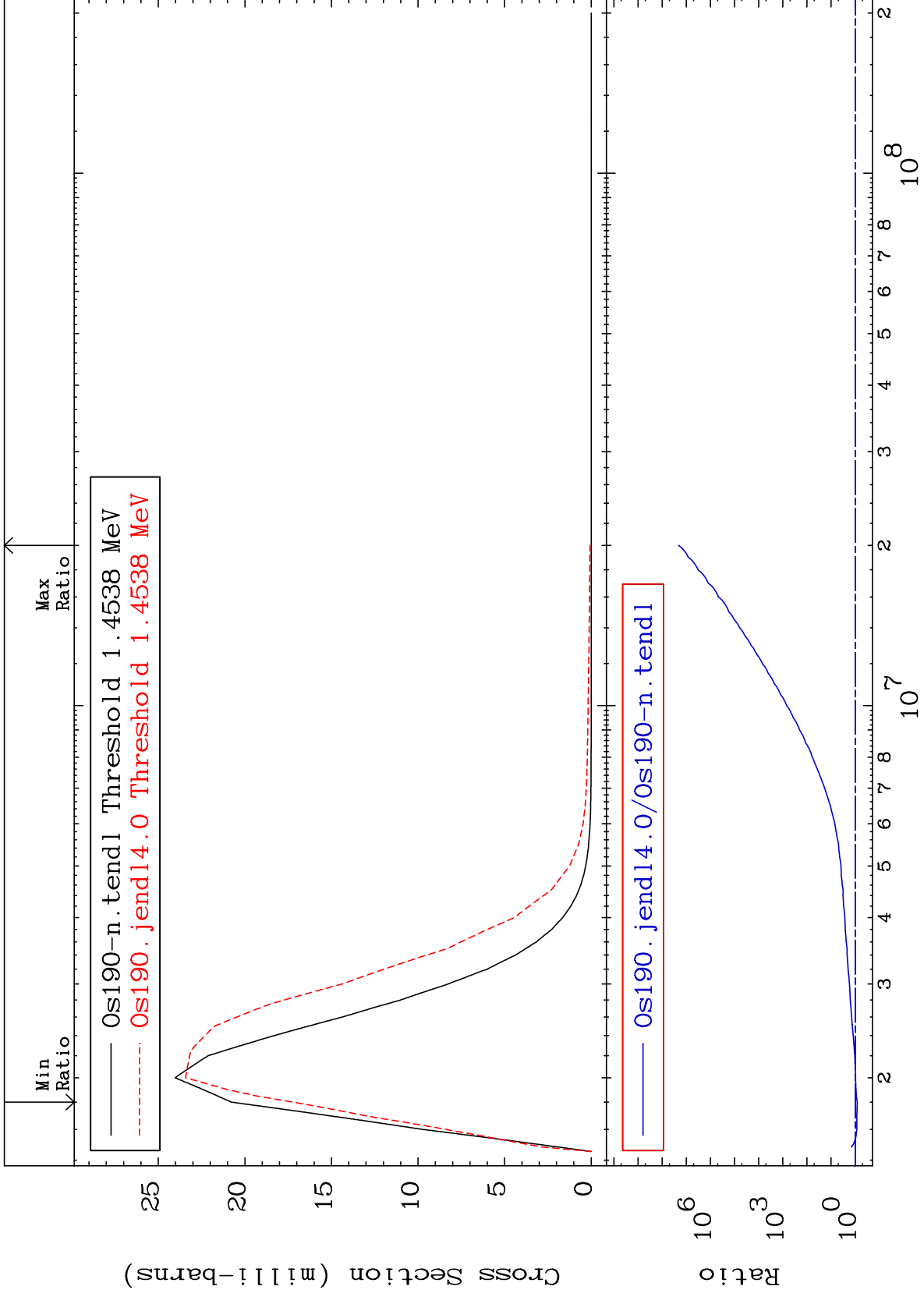
76-0s-190
-93.75 To 588.3 %



MAT 7643

1.446 MeV (n,n') Level
Cross Section

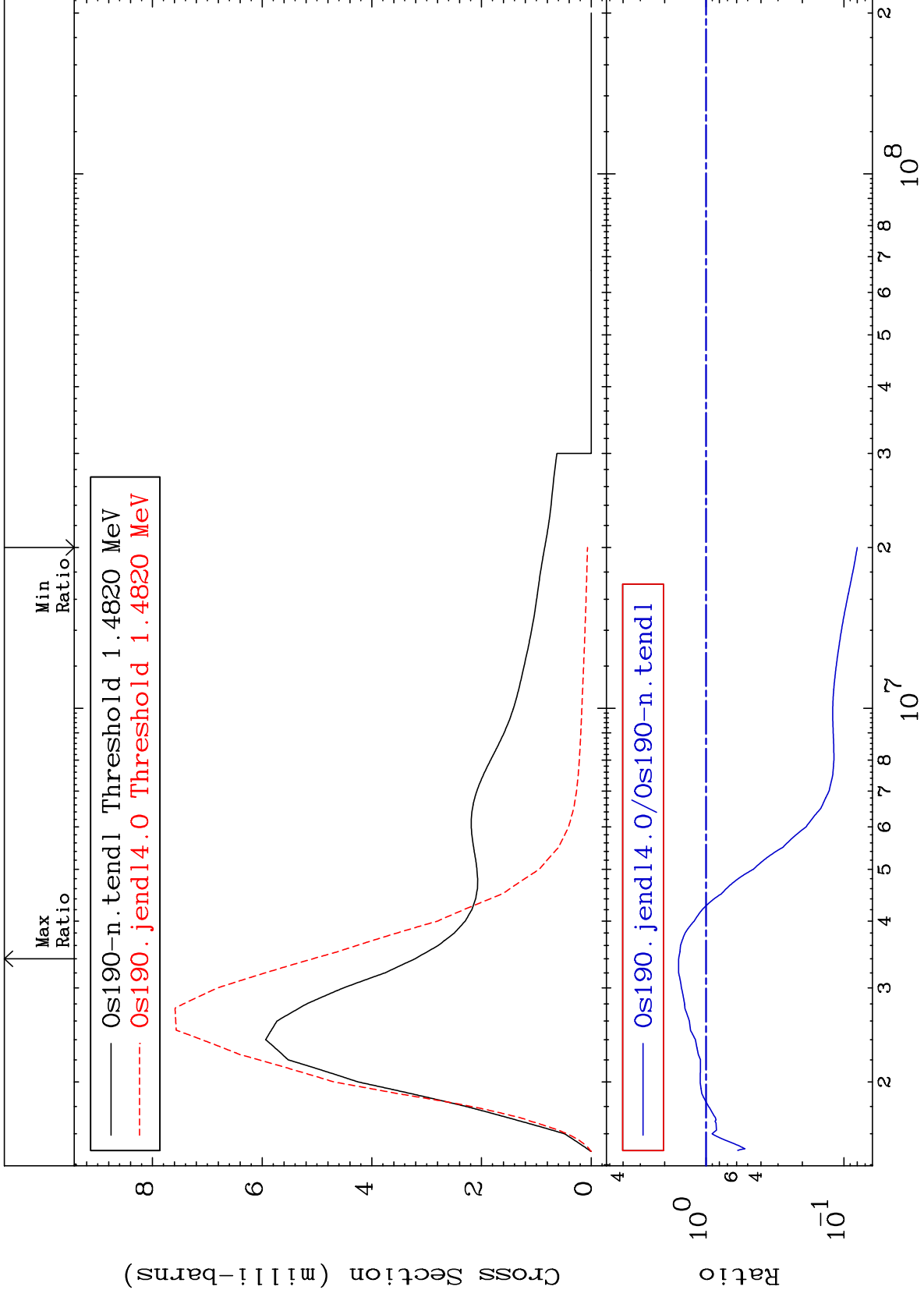
76-0s-190
-17.19 To 9999. %



MAT 7643

1.474 MeV (n,n') Level
Cross Section

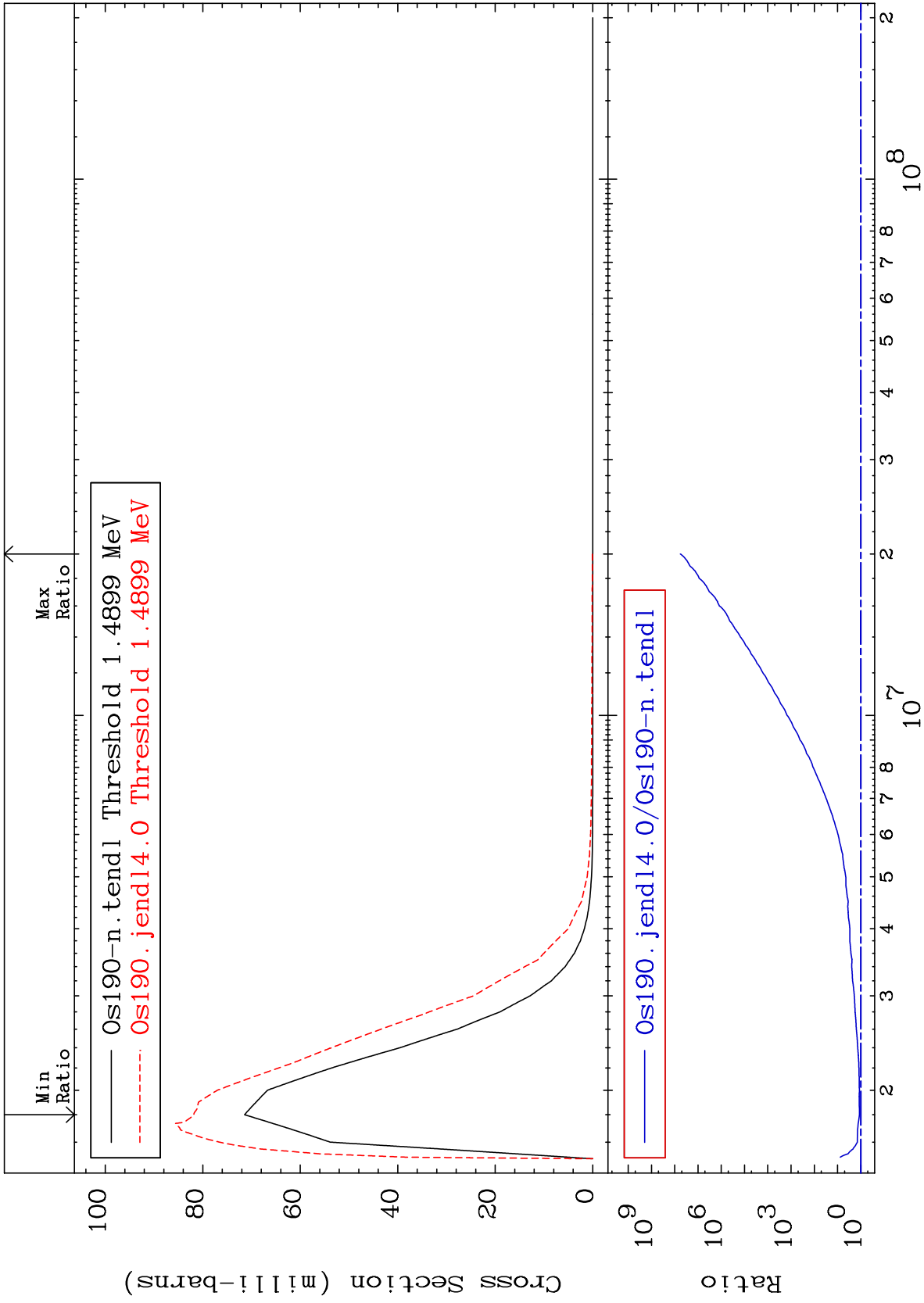
76-0s-190
-92.01 To 58.16 %



MAT 7643

1.482 MeV (n,n') Level
Cross Section

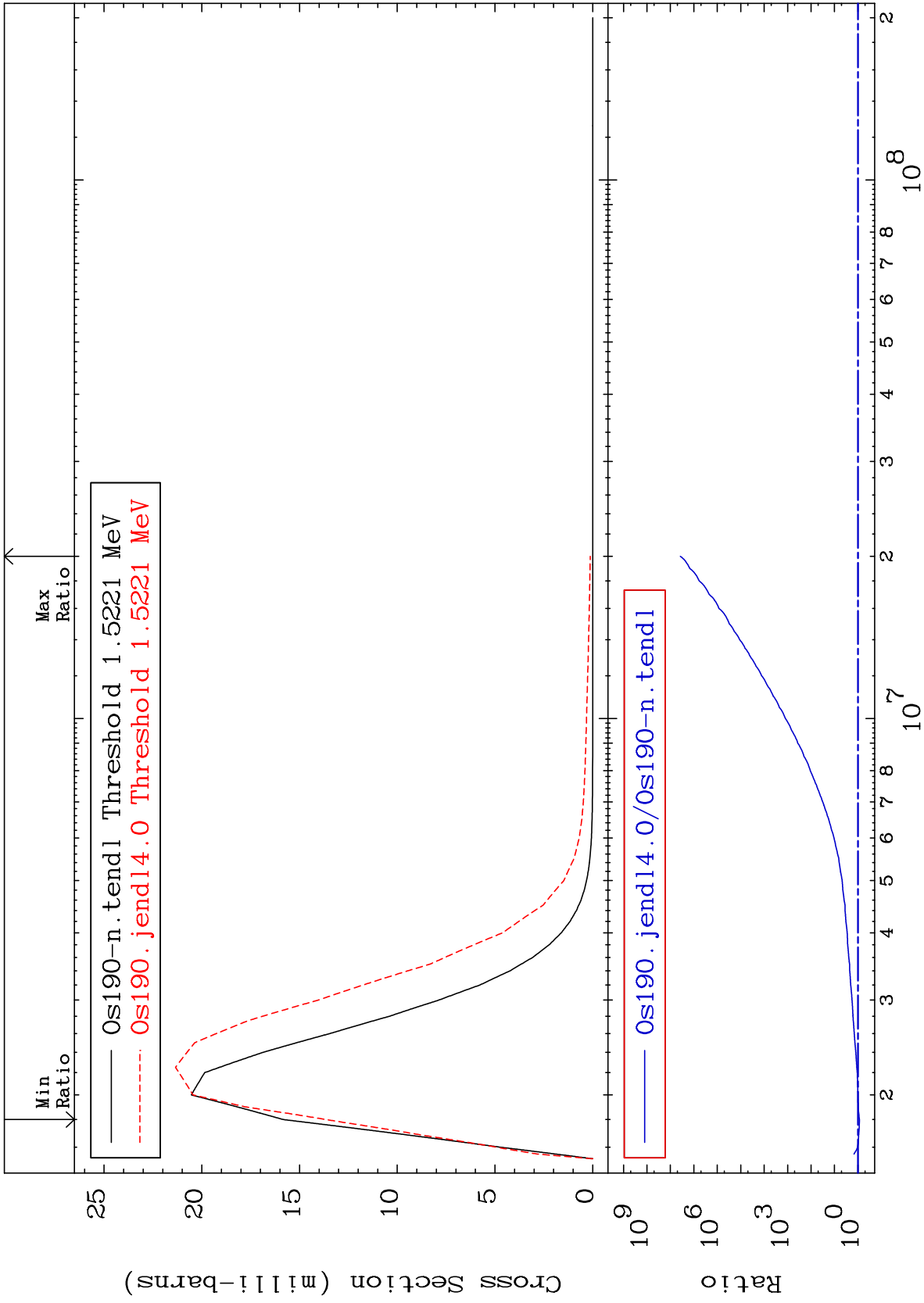
76-0s-190
14.53 To 9999. %



MAT 7643

1.514 MeV (n,n') Level
Cross Section

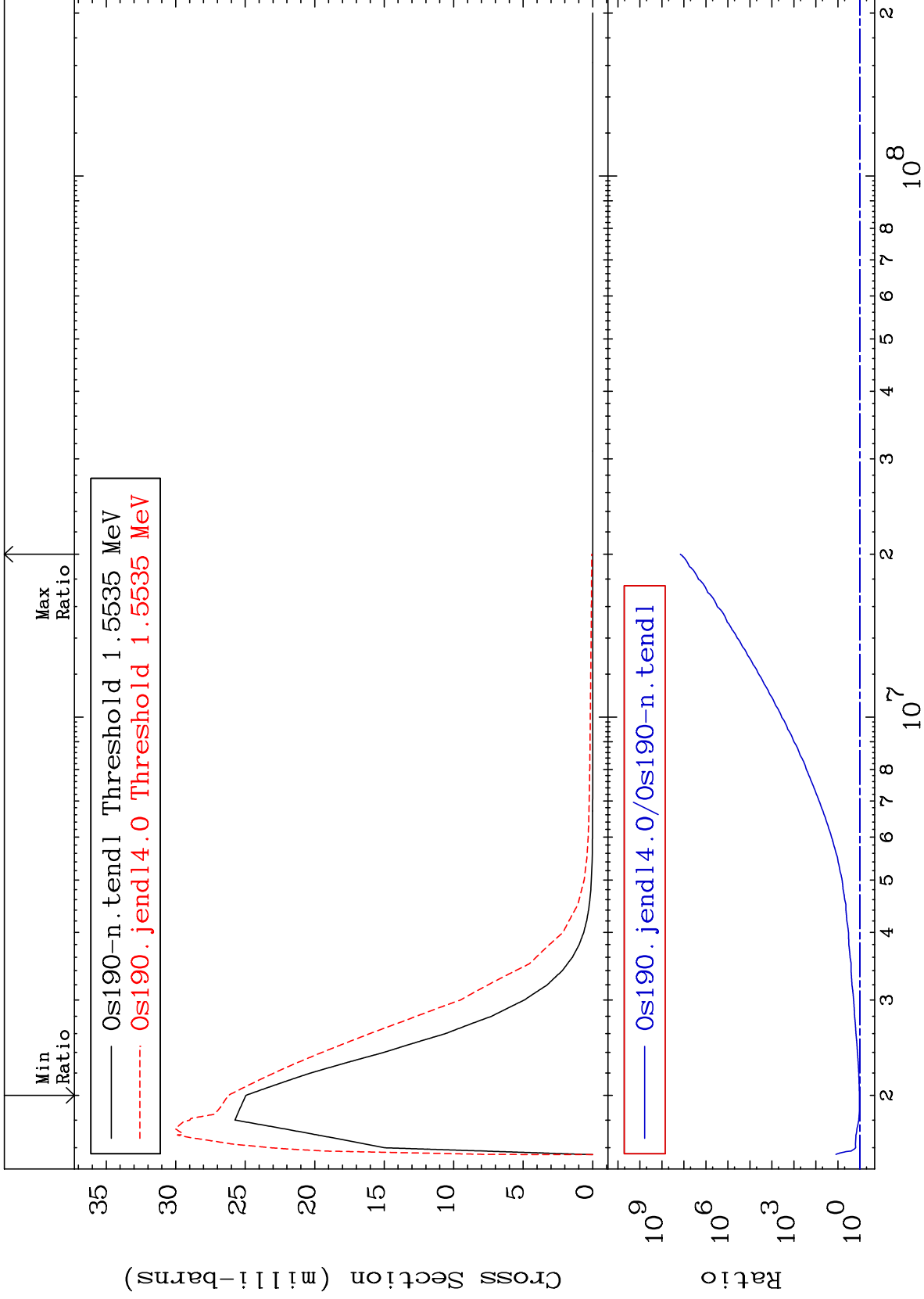
76-0s-190
-13.85 To 9999. %



MAT 7643

1.545 MeV (n,n') Level
Cross Section

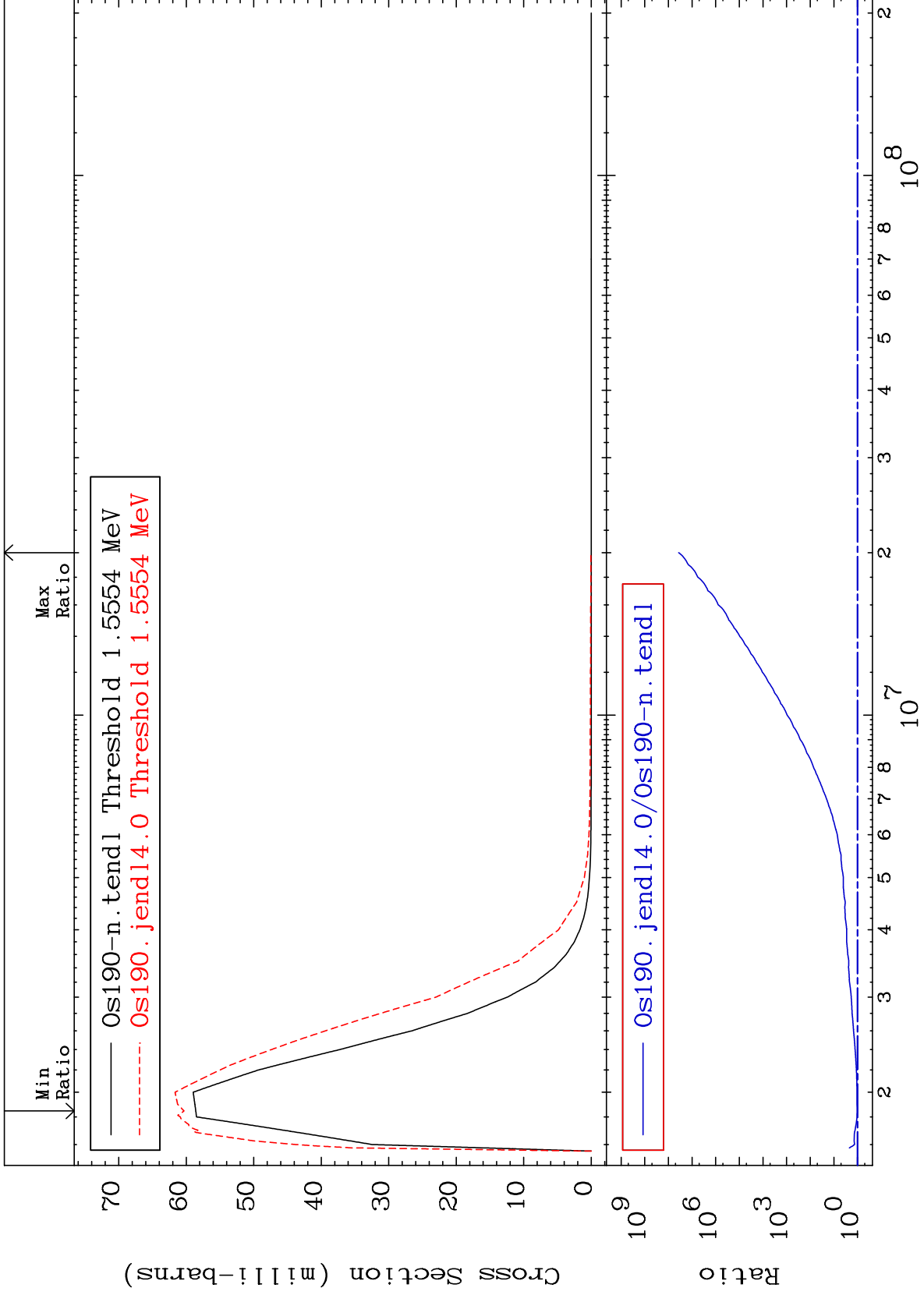
76-0s-190
5.080 To 9999. %



MAT 7643

1.547 MeV (n,n') Level
Cross Section

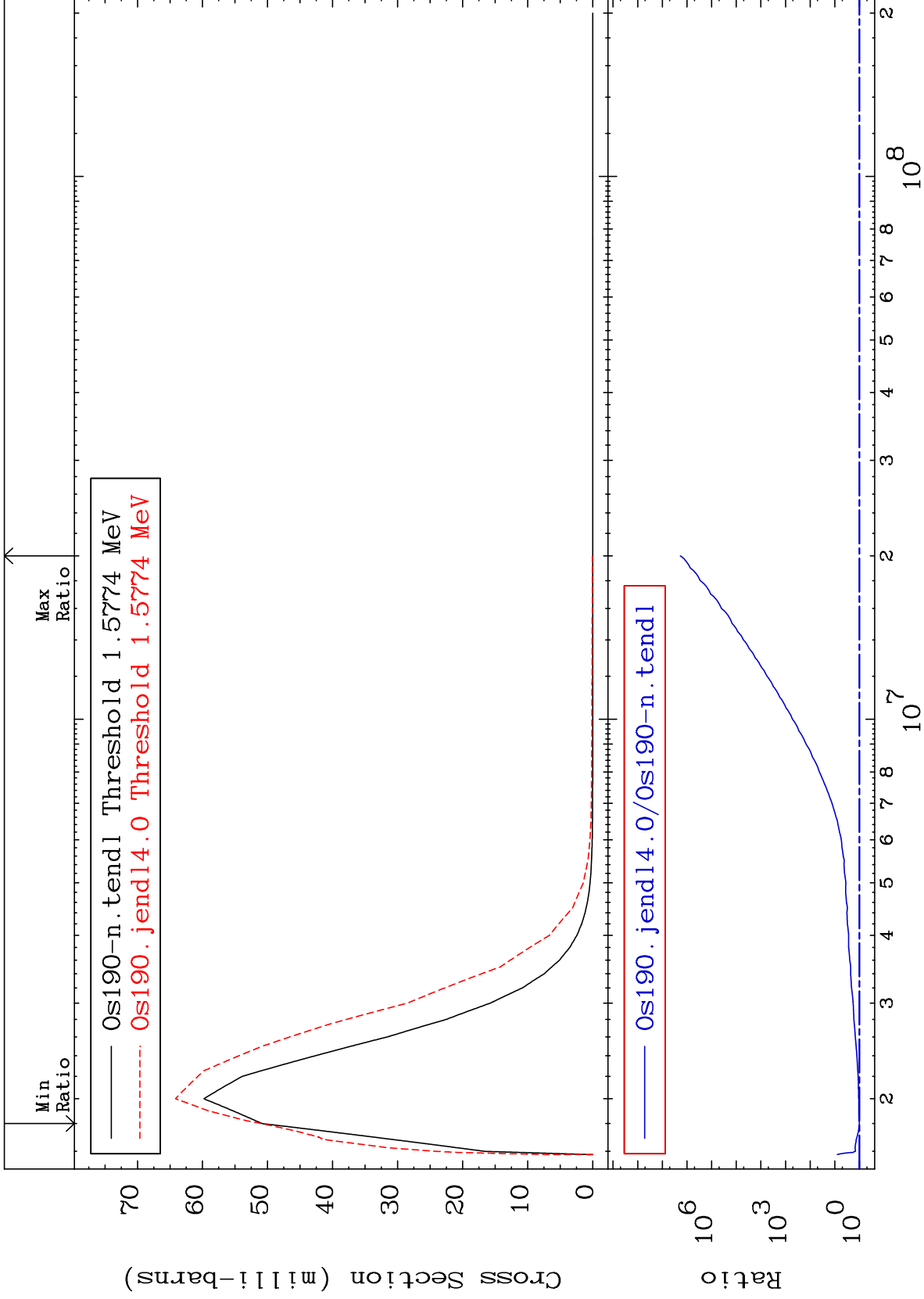
76-0s-190
2.959 To 9999. %



MAT 7643

1.569 MeV (n,n') Level
Cross Section

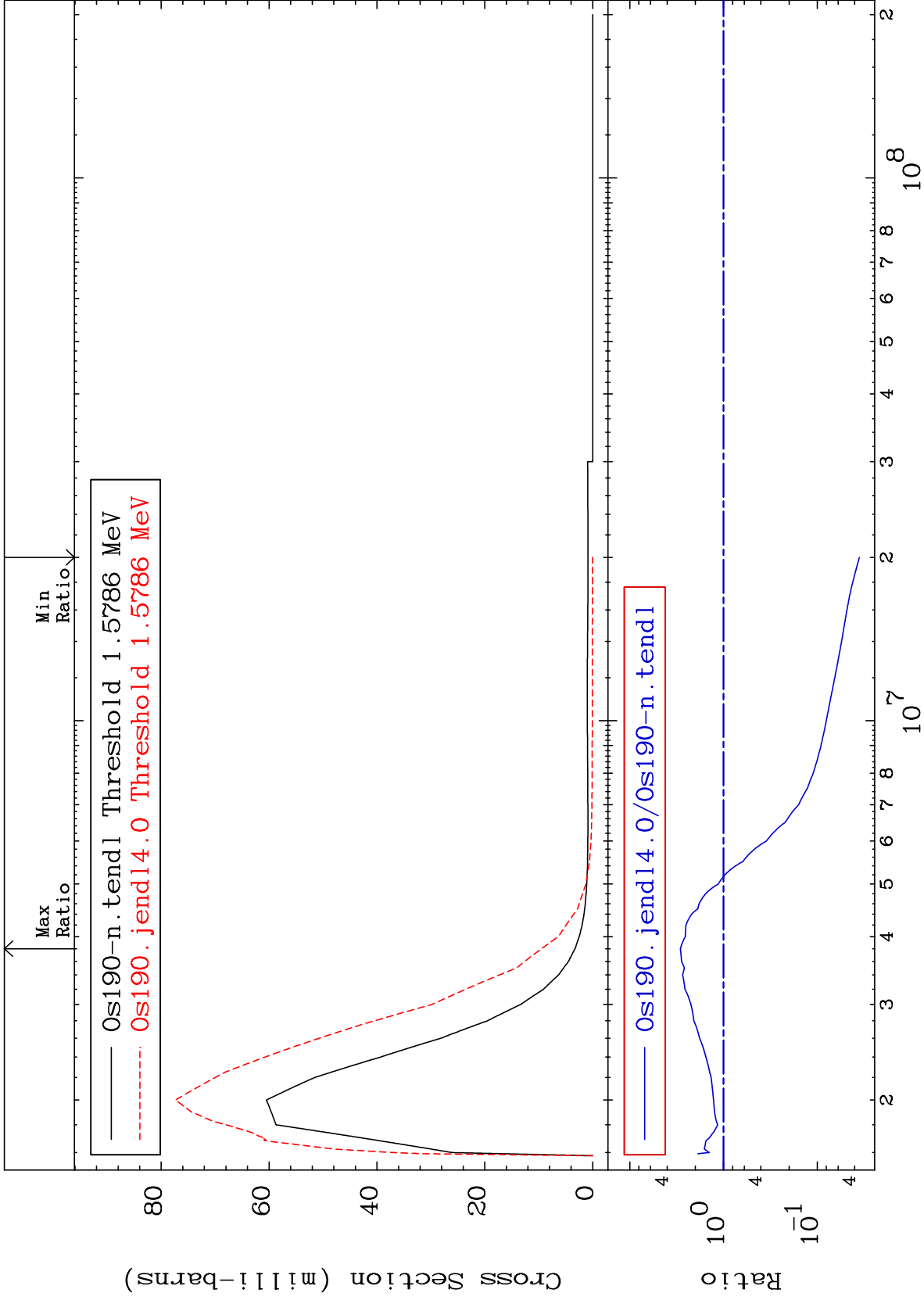
76-0s-190
0.208 To 9999. %



MAT 7643

1.570 MeV (n,n') Level
Cross Section

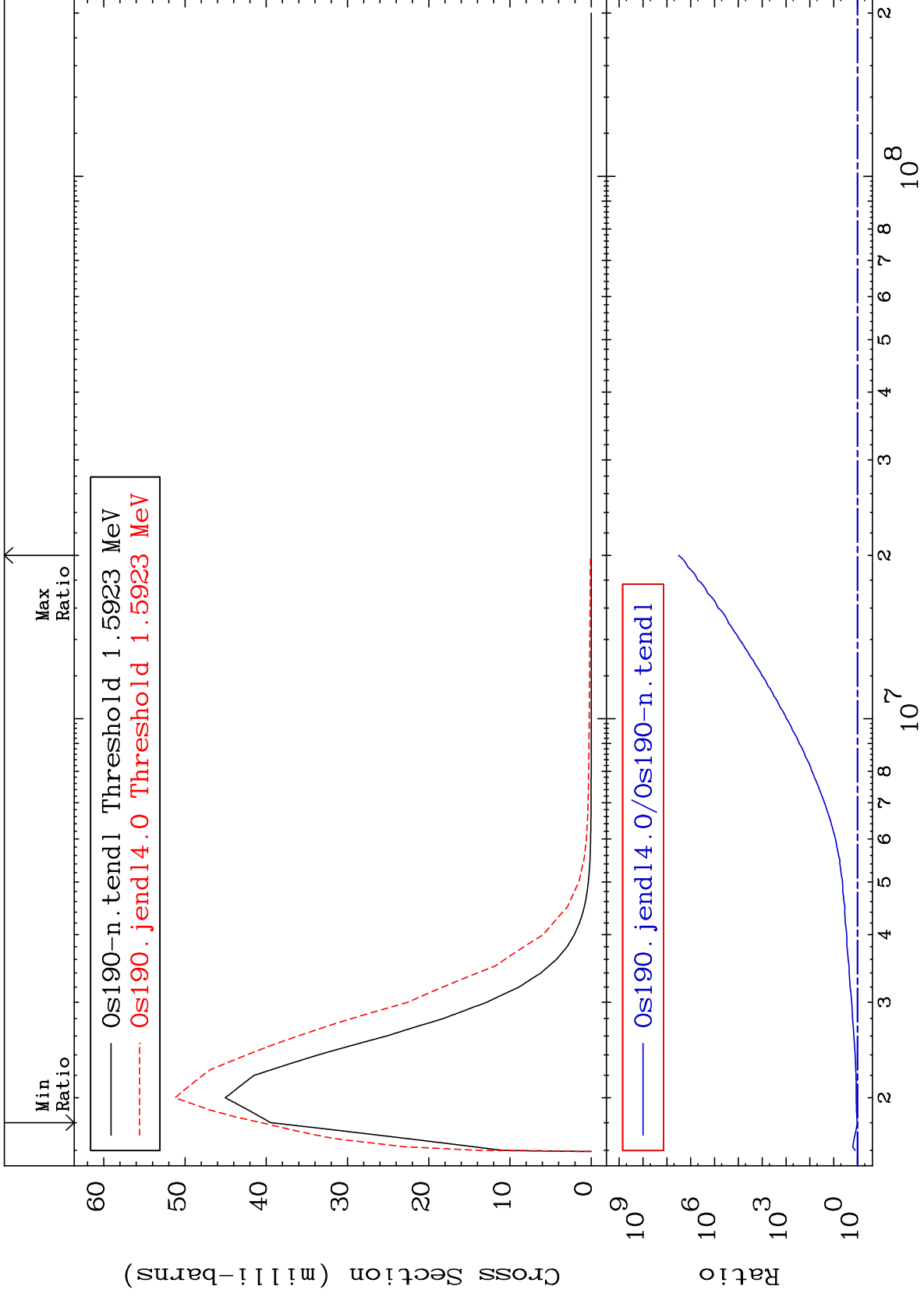
76-0s-190
-96.45 To 188.8 %



MAT 7643

1.584 MeV (n,n') Level
Cross Section

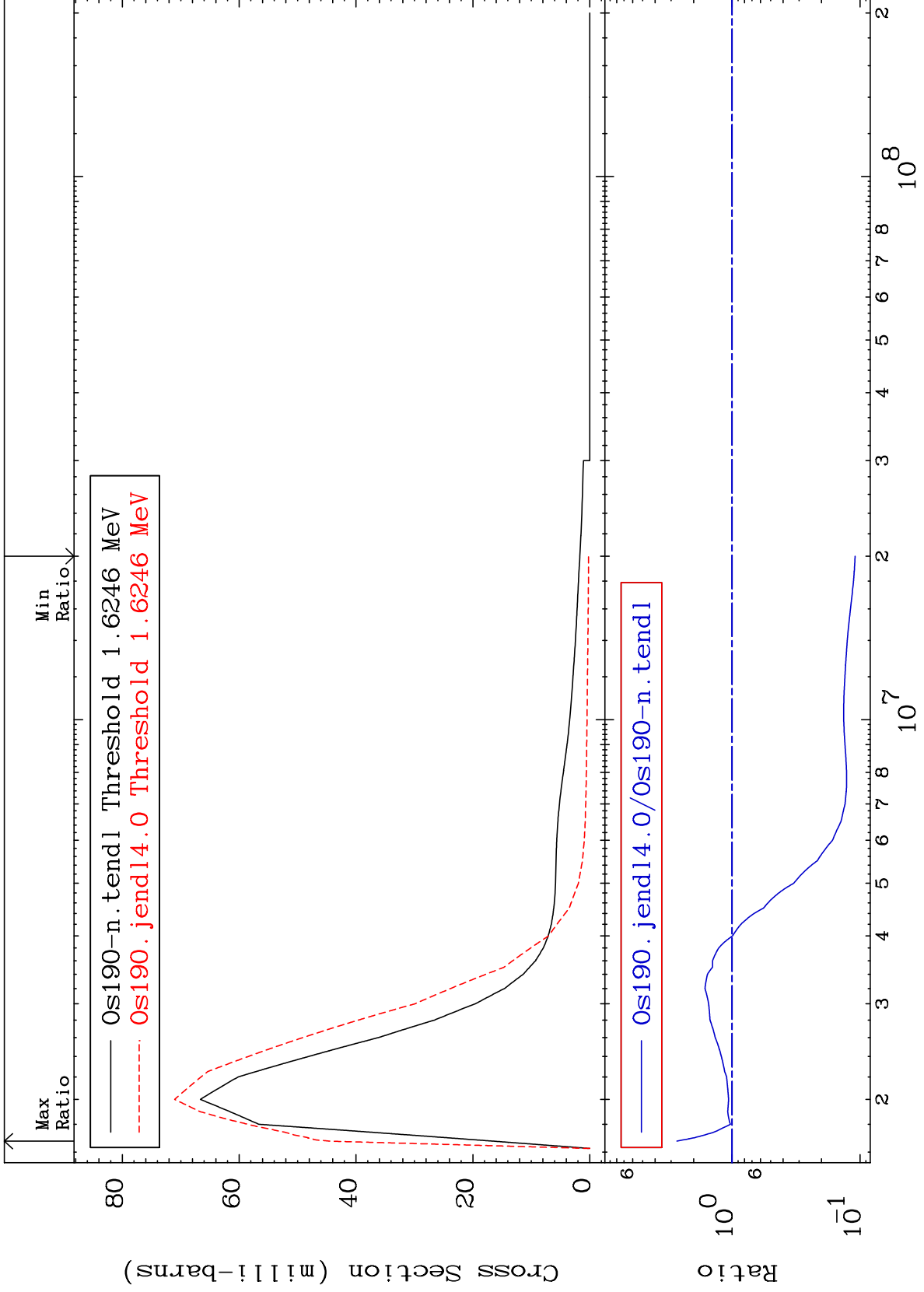
76-Os-190
2.890 To 9999. %



MAT 7643

1.616 MeV (n,n') Level
Cross Section

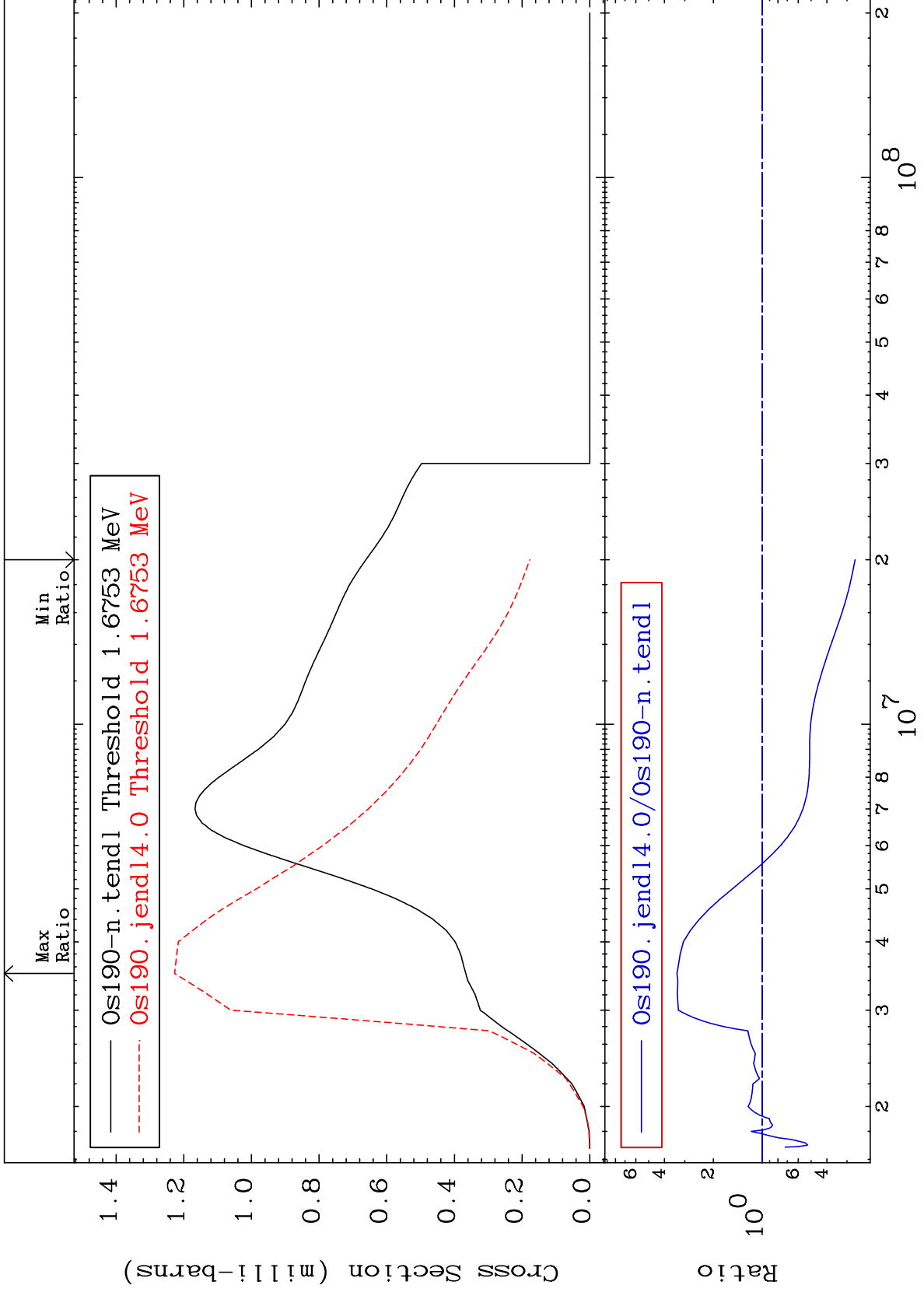
76-0s-190
-89.06 To 170.3 %



MAT 7643

1.666 MeV (n,n') Level
Cross Section

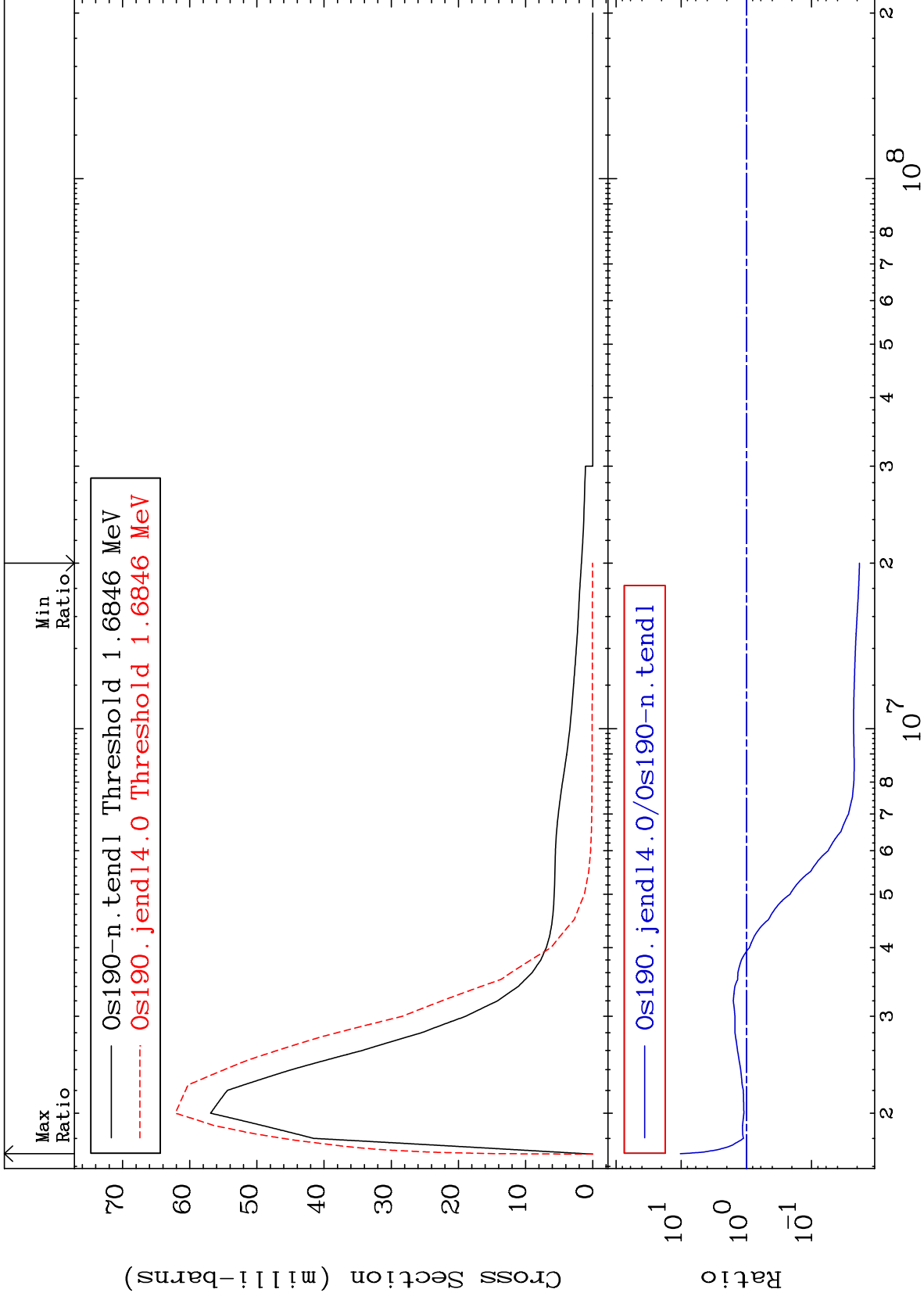
76-0s-190
-73.23 To 235.0 %



MAT 7643

1.676 MeV (n,n') Level
Cross Section

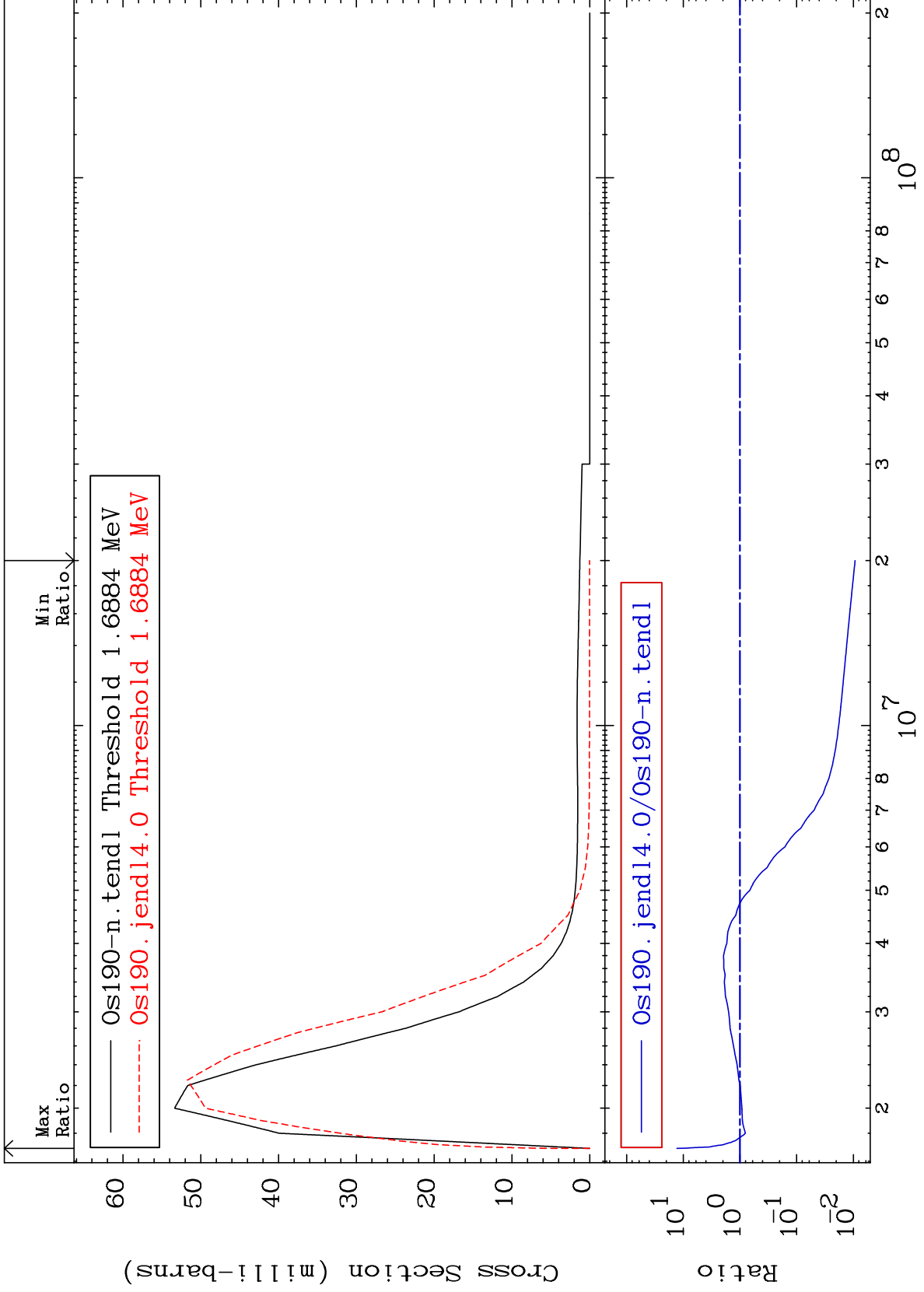
76-0s-190
-98.16 To 929.6 %



MAT 7643

1.680 MeV (n,n') Level
Cross Section

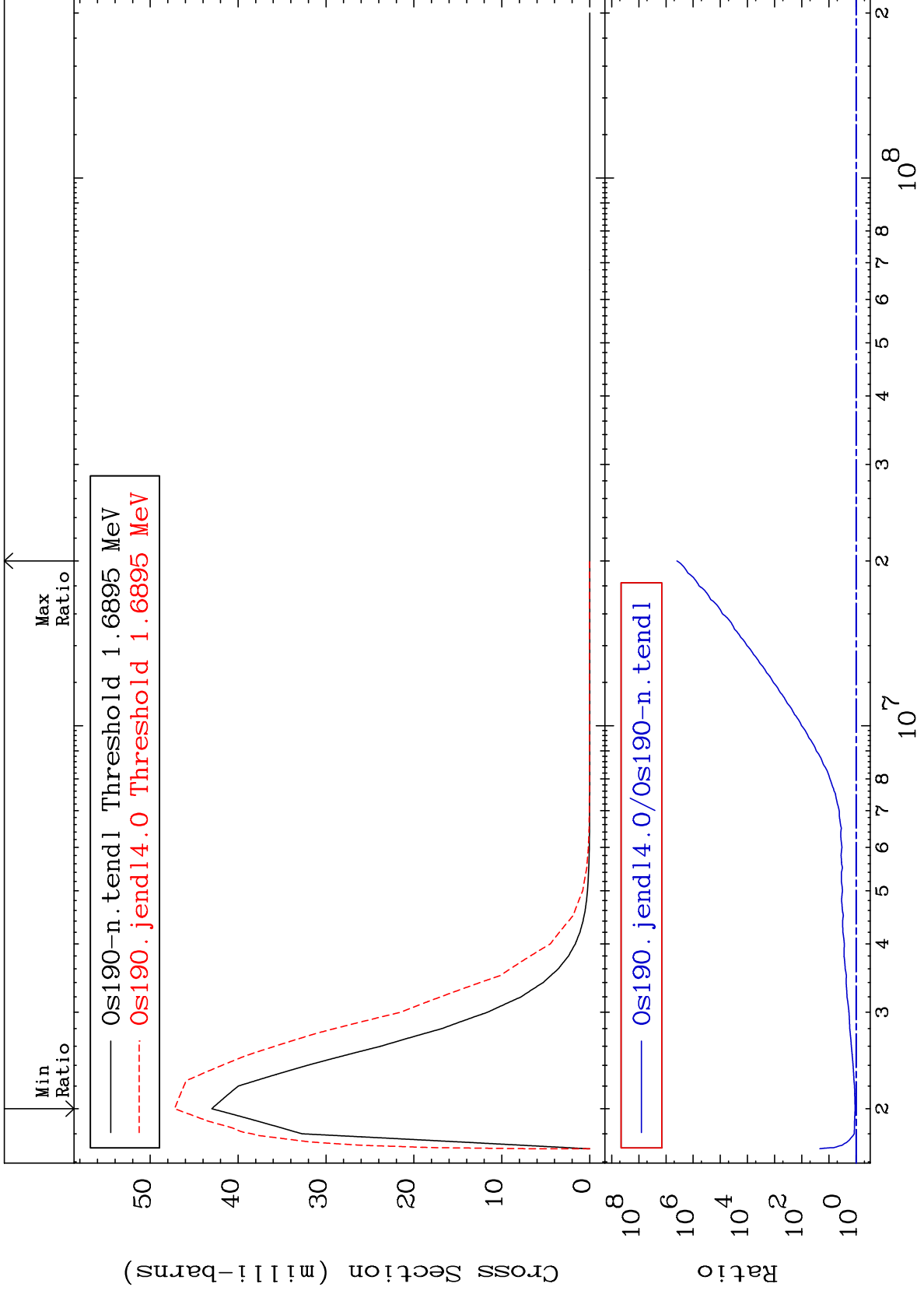
76-Os-190
-99.07 To 1197. %



MAT 7643

1.681 MeV (n,n') Level
Cross Section

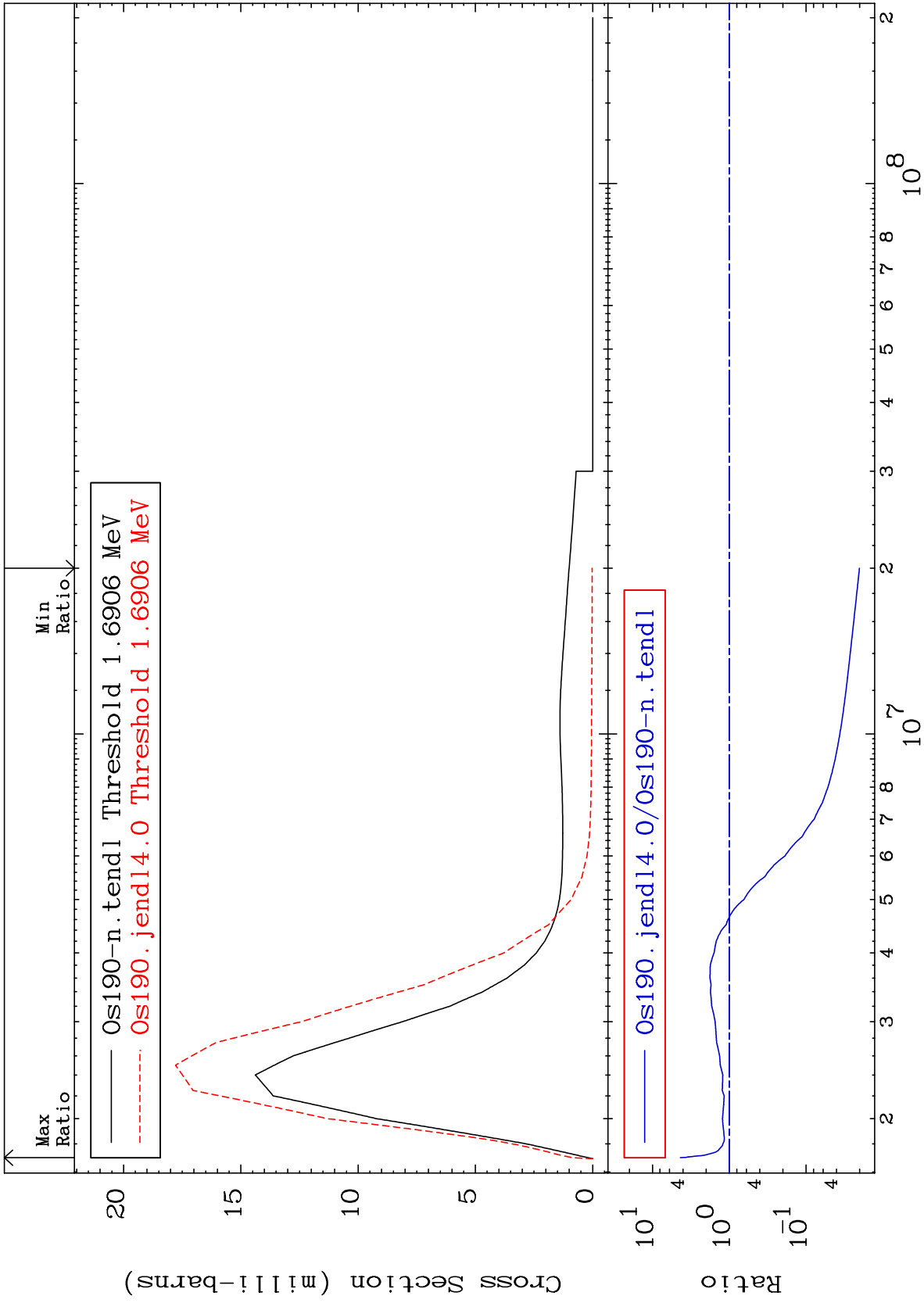
76-0s-190
9.827 To 9999. %



MAT 7643

1.682 MeV (n,n') Level
Cross Section

76-0s-190
-97.98 To 333.8 %



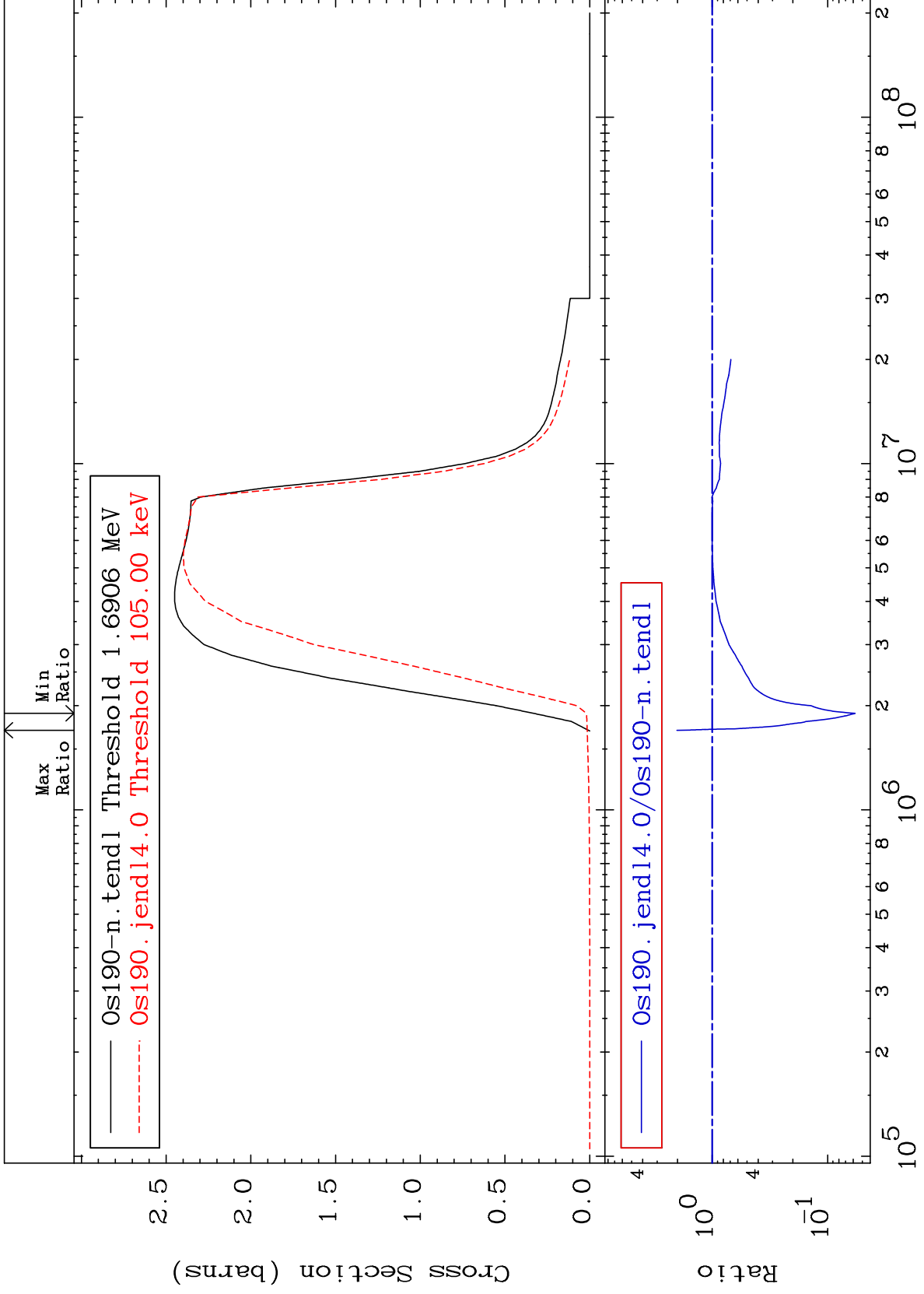
40

76-0s-190

MAT 7643

(n, n') Continuum
Cross Section

76-0s-190
-94.22 To 102.2 %



41

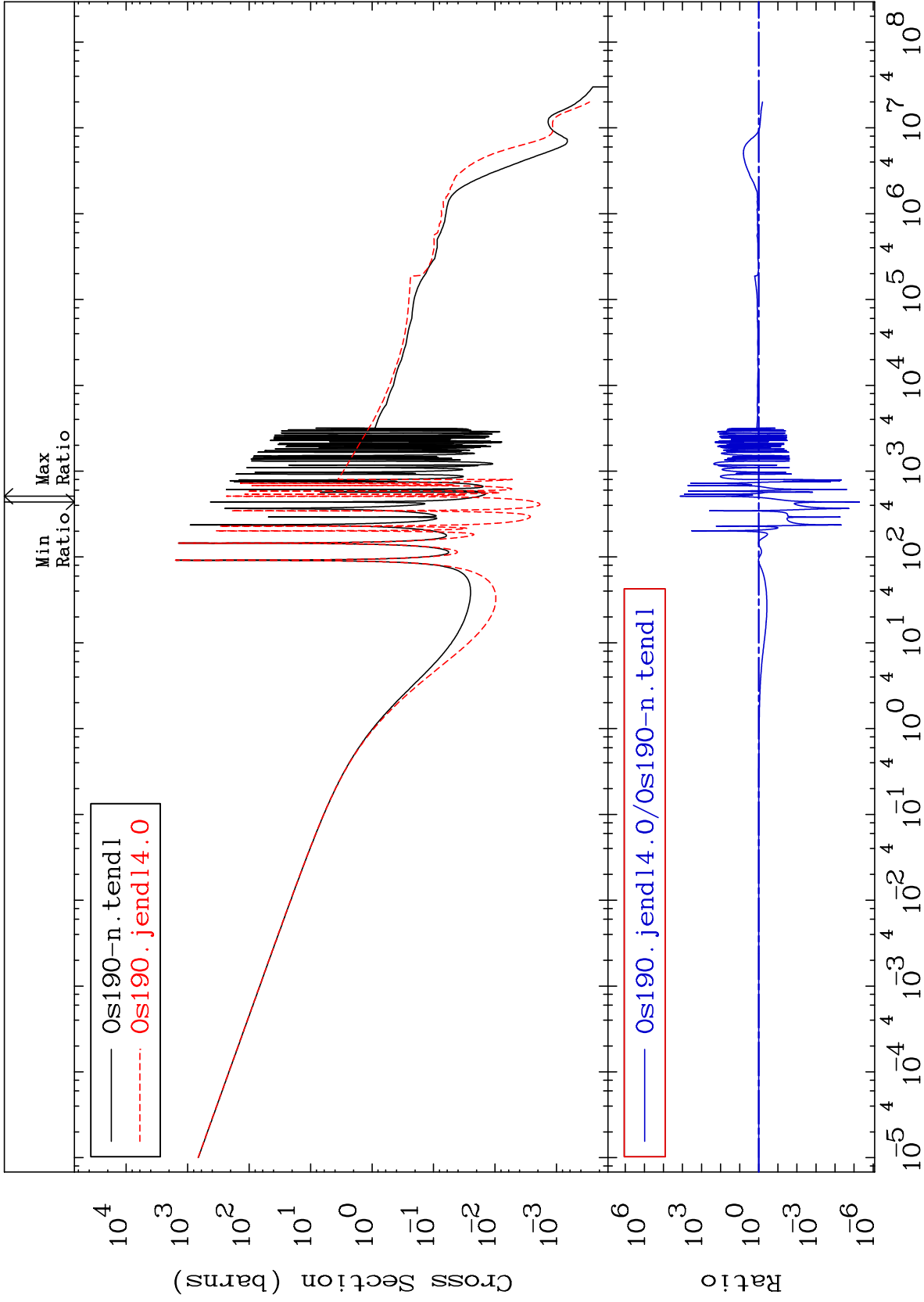
Incident Energy (eV)

76-0s-190

MAT 7643

(n, γ)
Cross Section

76-Os-190
-100.0 To 9999. %



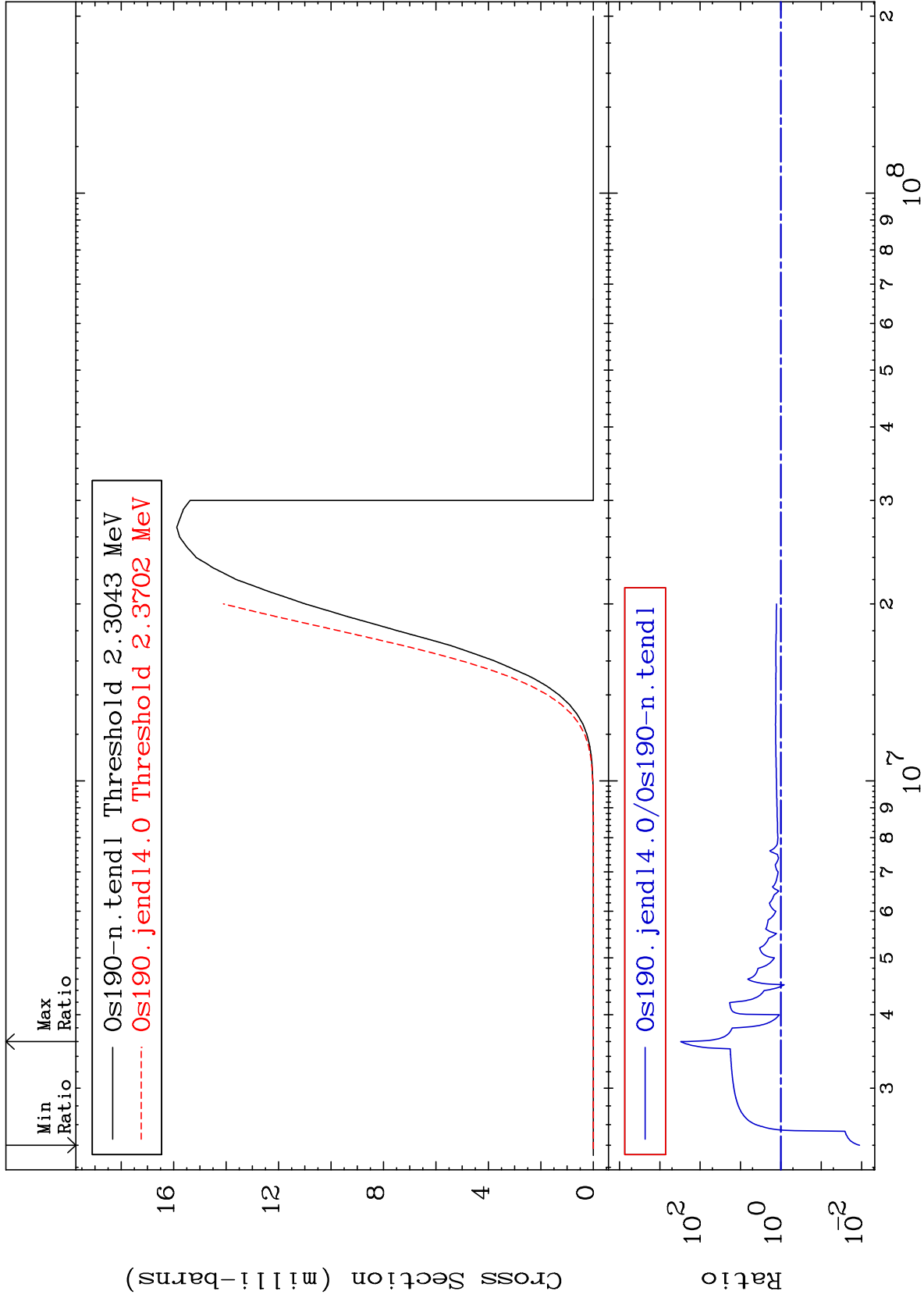
MAT 7643

(n,p)

76-0s-190

Cross Section

-98.88 To 9999. %



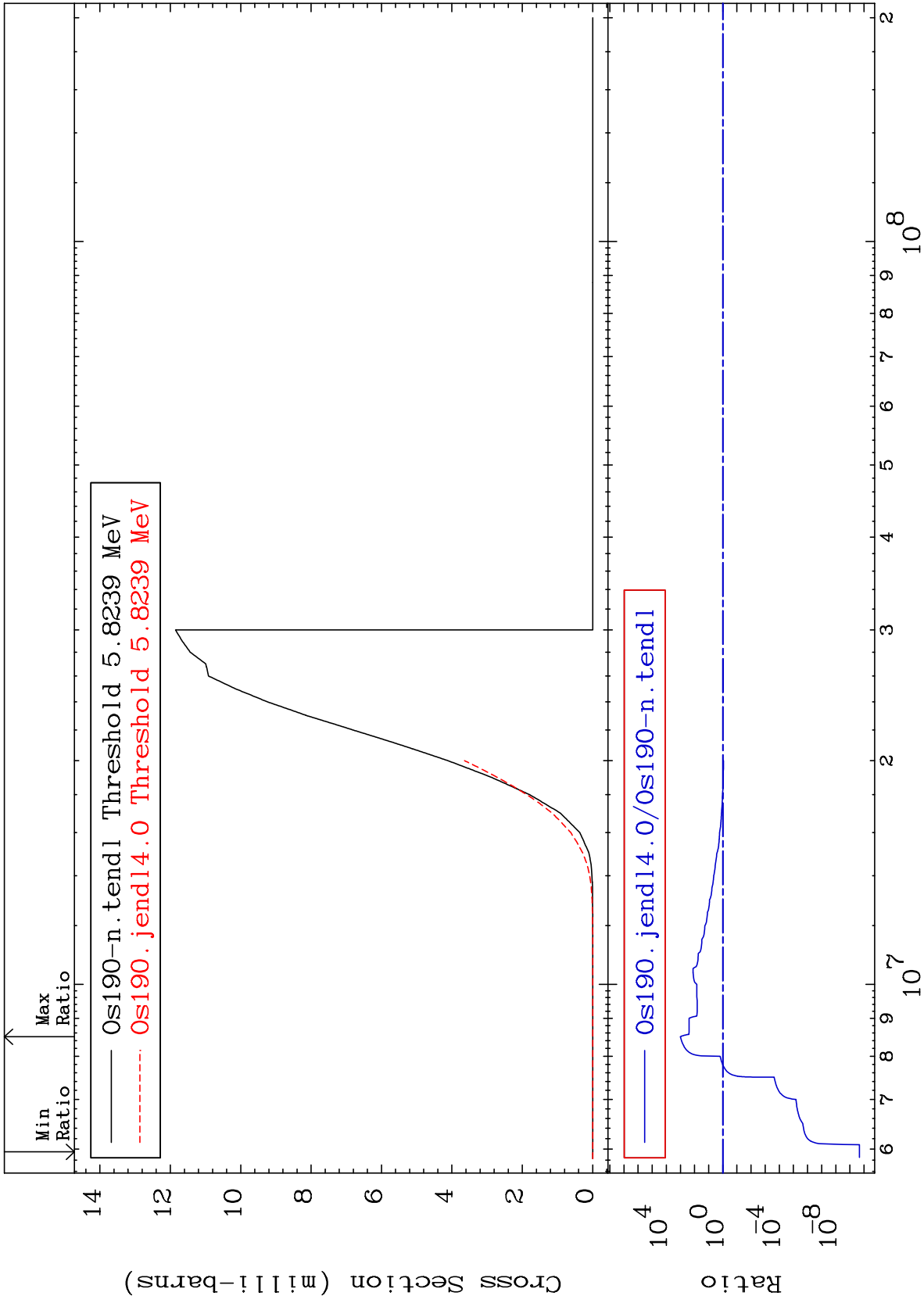
MAT 7643

(n, d)

76-0s-190

Cross Section

-100.0 To 9999. %



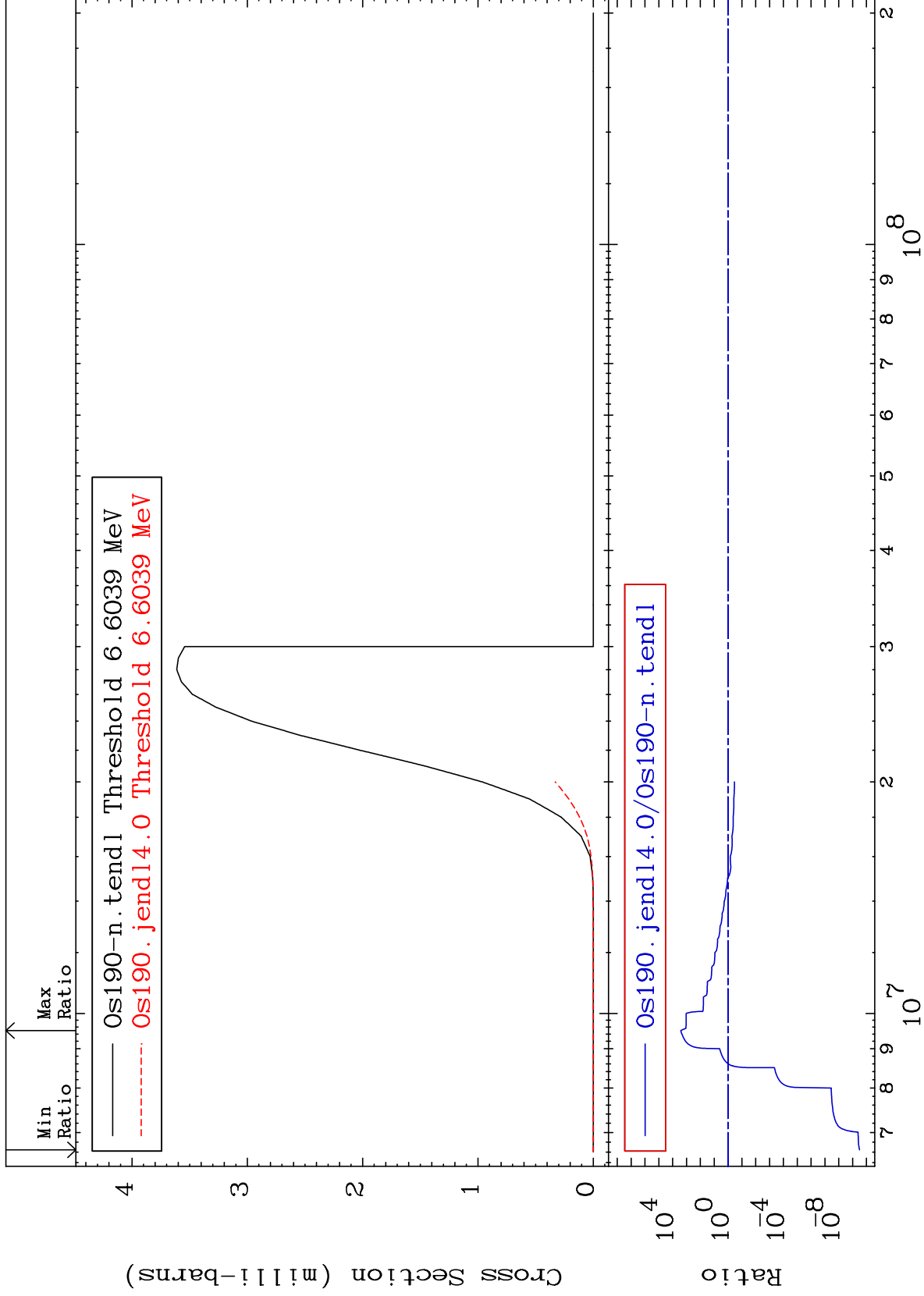
MAT 7643

(n, t)

76-Os-190

Cross Section

-100.0 To 9999. %



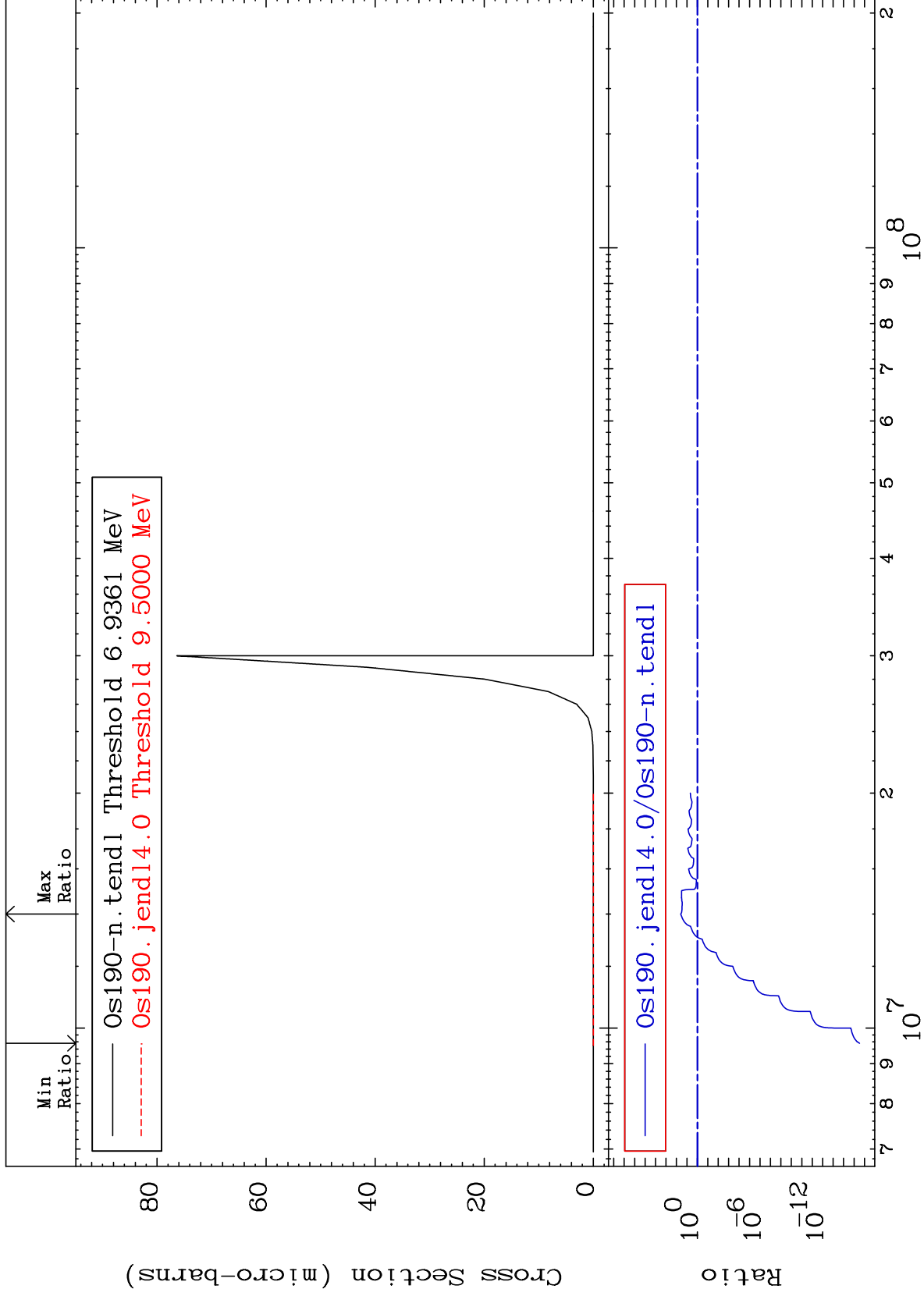
MAT 7643

(n, He-3)

76-0s-190

Cross Section

-100.0 To 3739. %



46

Incident Energy (eV)

76-0s-190

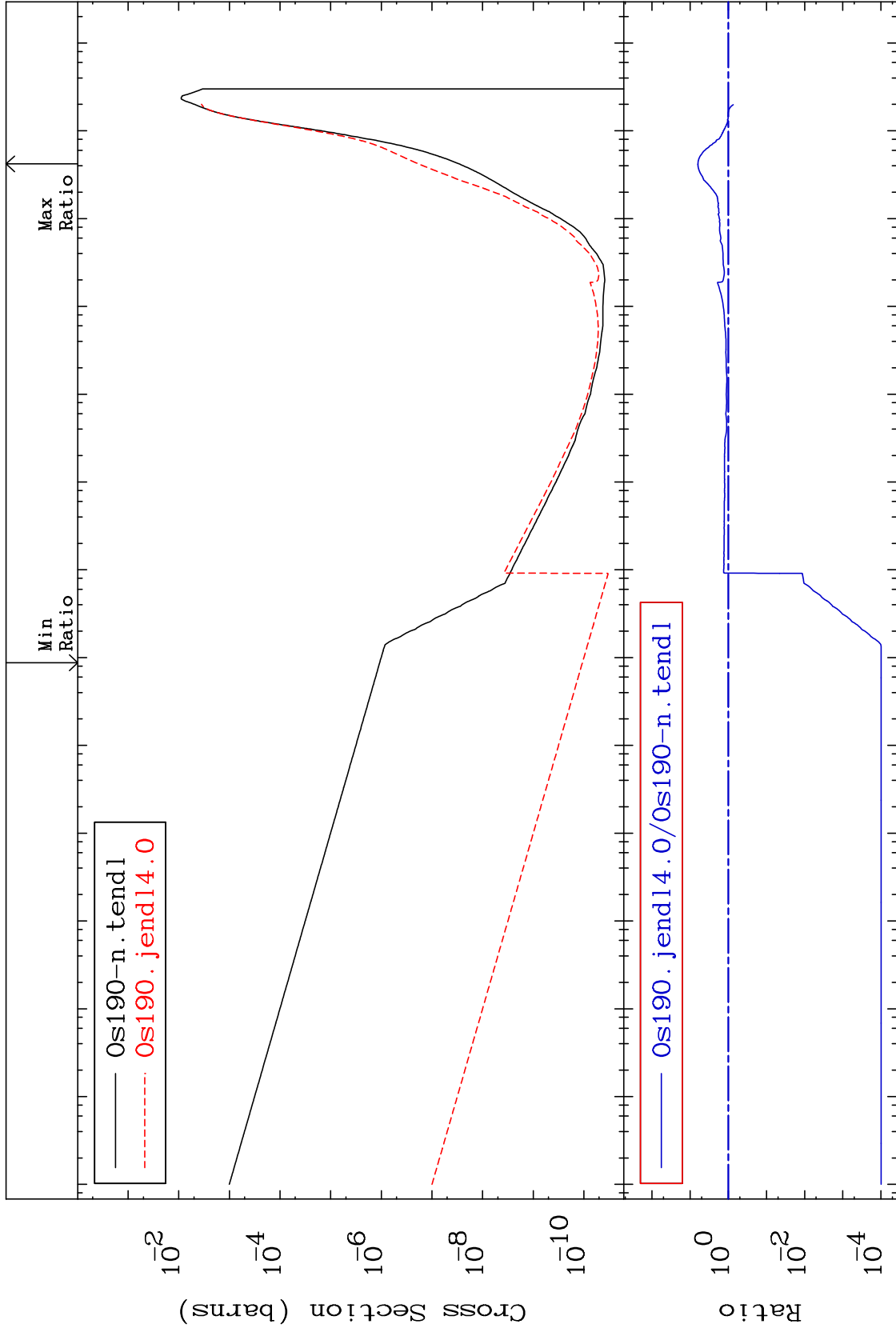
MAT 7643

(n, α)

76-0s-190

Cross Section

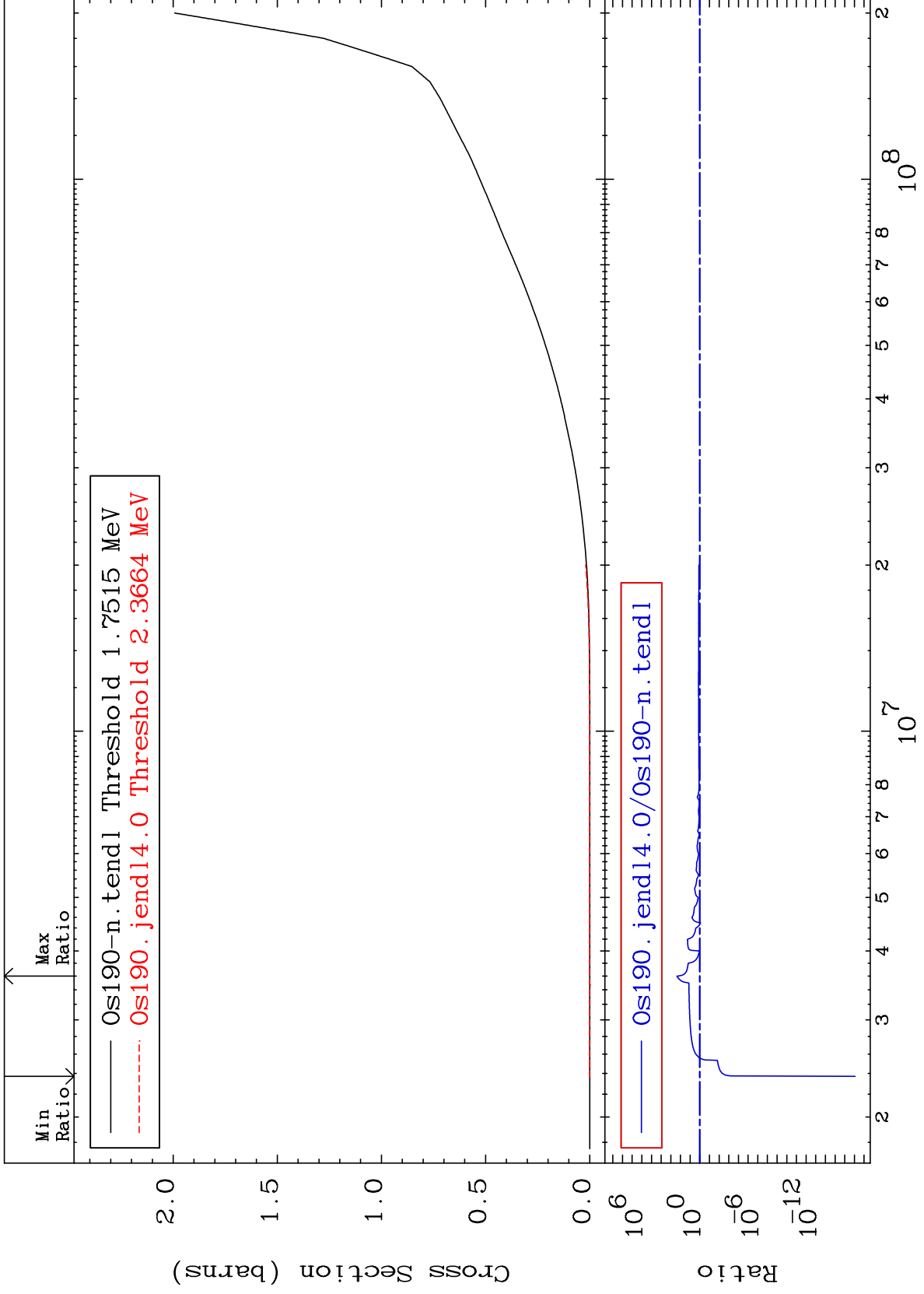
-99.99 To 527.2 %



MAT 7643

Hydrogen Production
Cross Section

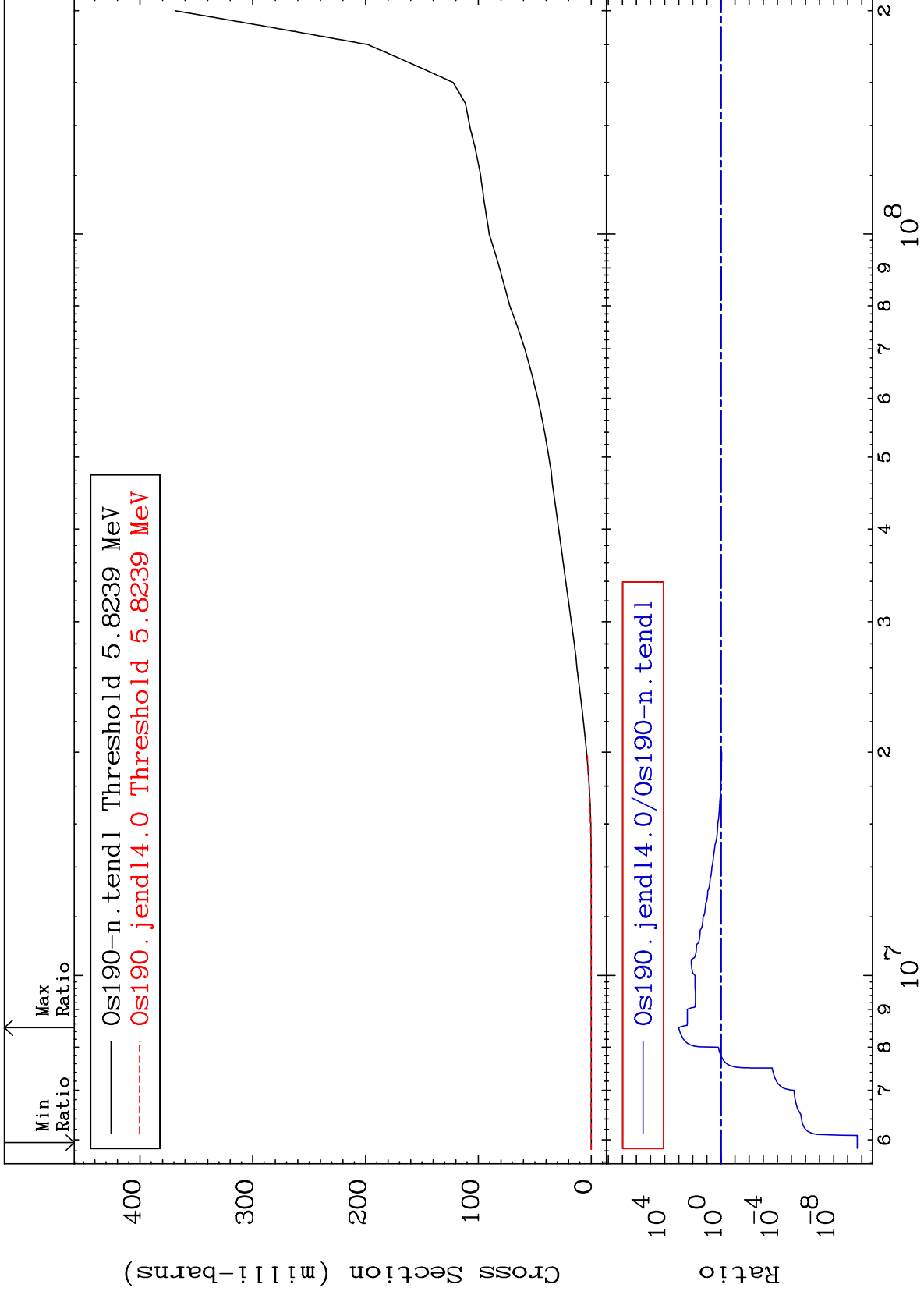
76-0s-190
-100.0 To 9999. %



MAT 7643

Deuterium Production Cross Section

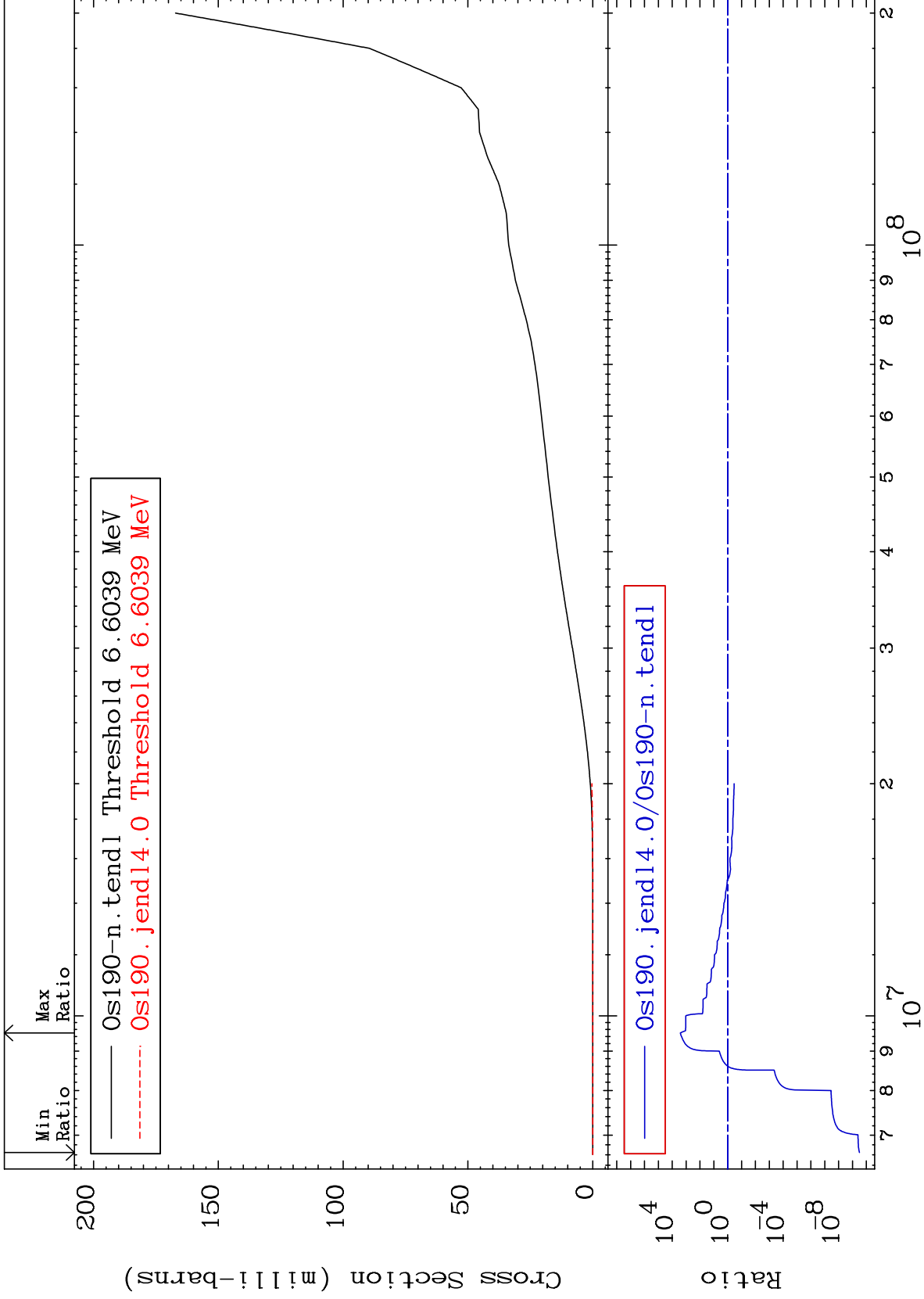
76-0s-190
-100.0 To 9999. %



MAT 7643

Tritium Production
Cross Section

76-0s-190
-100.0 To 9999. %



50

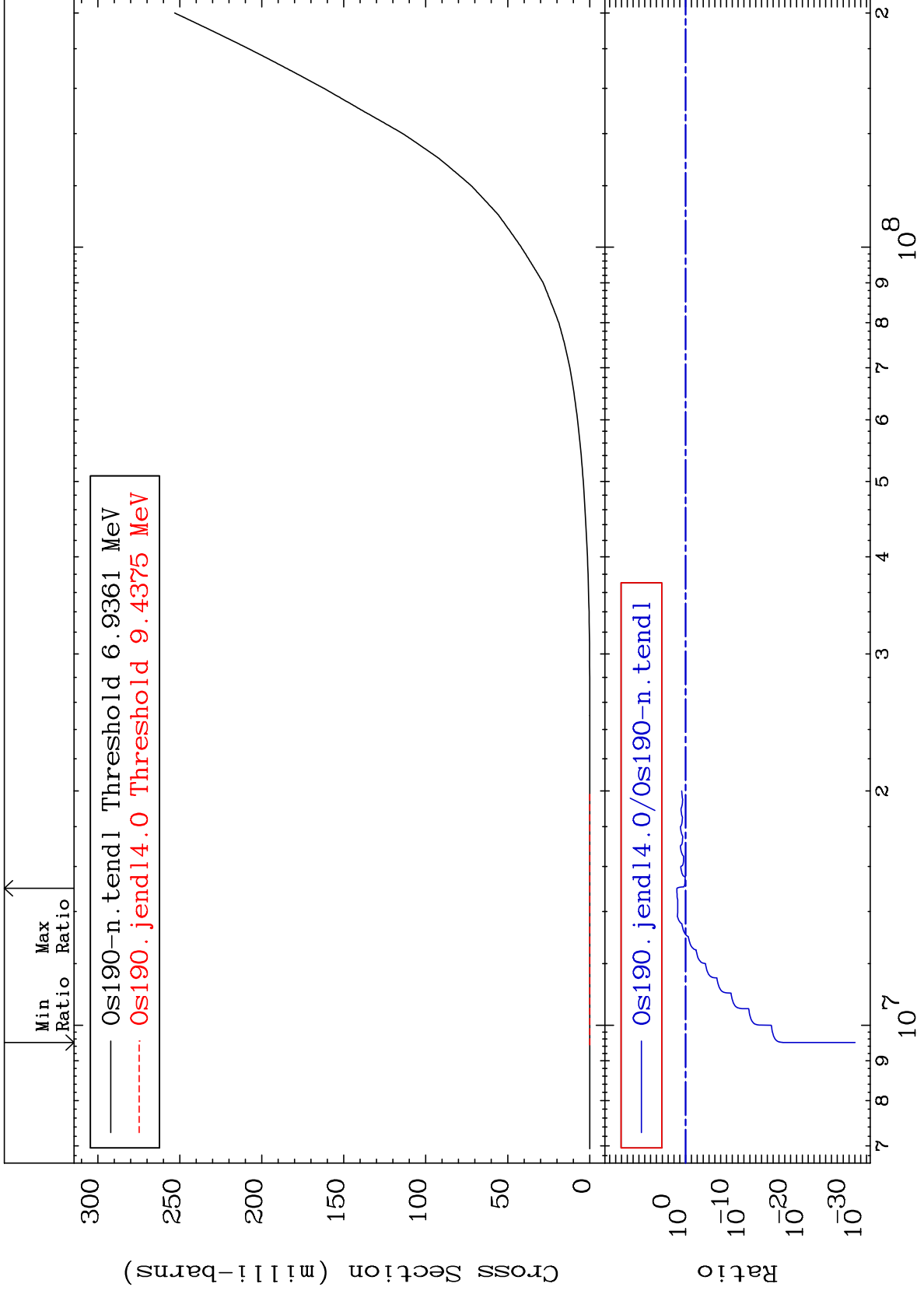
Incident Energy (eV)

76-0s-190

MAT 7643

He-3 Production
Cross Section

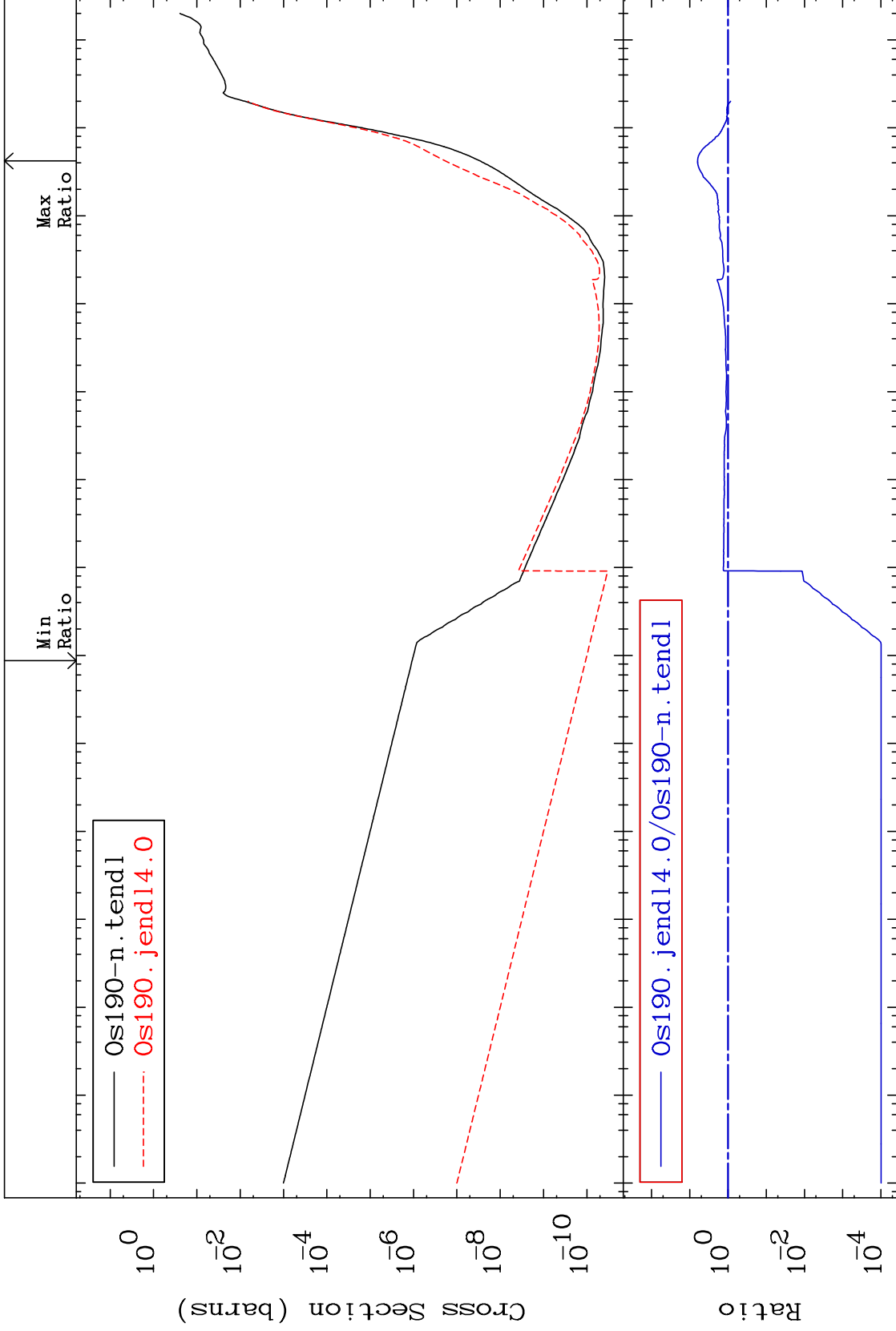
76-Os-190
-100.0 To 2990. %



MAT 7643

He-4 Production
Cross Section

76-0s-190
-99.99 To 527.2 %



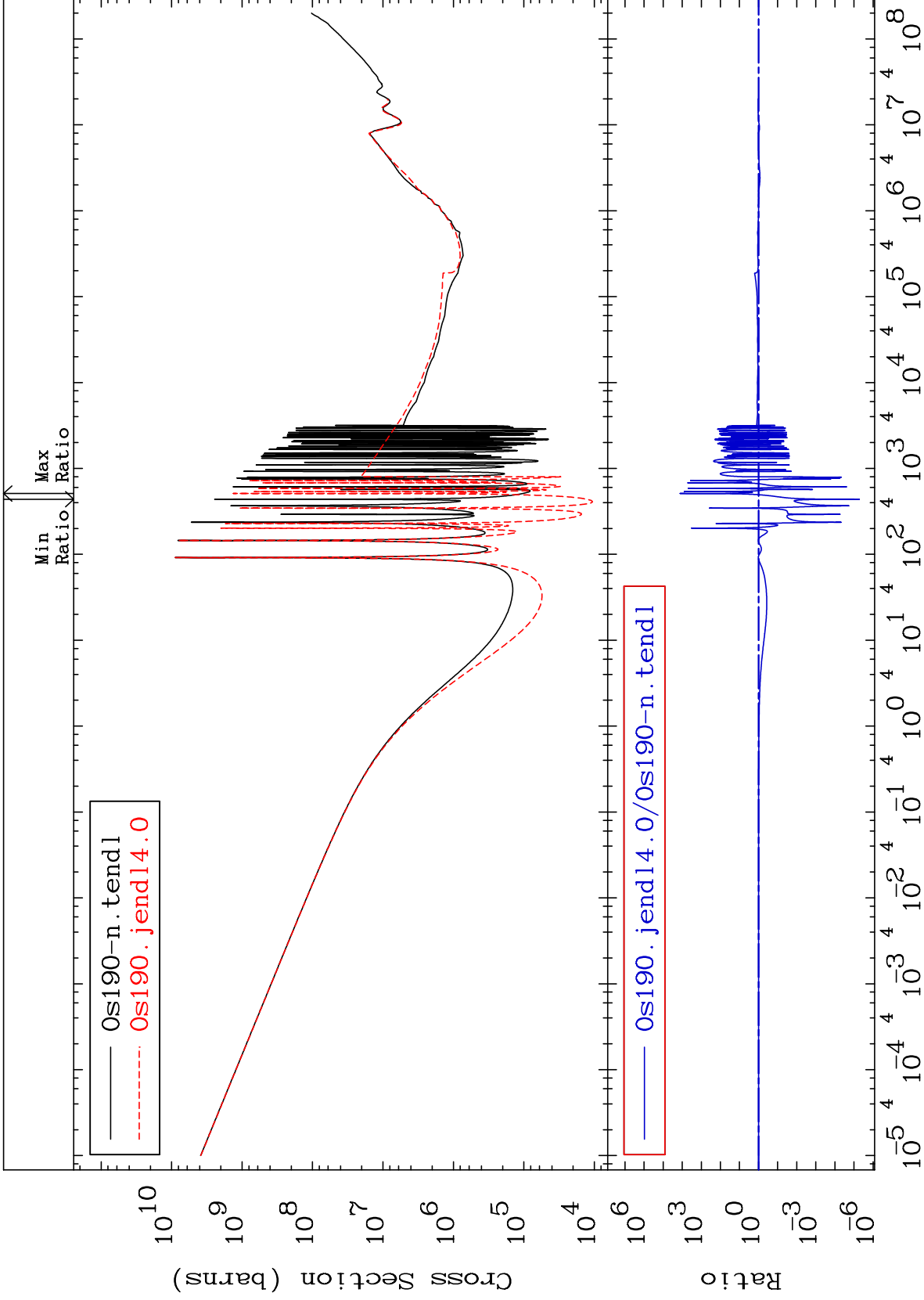
MAT 7643

Kerma total (eV-barns)

76-0s-190

-100.0 To 9999. %

Cross Section



53

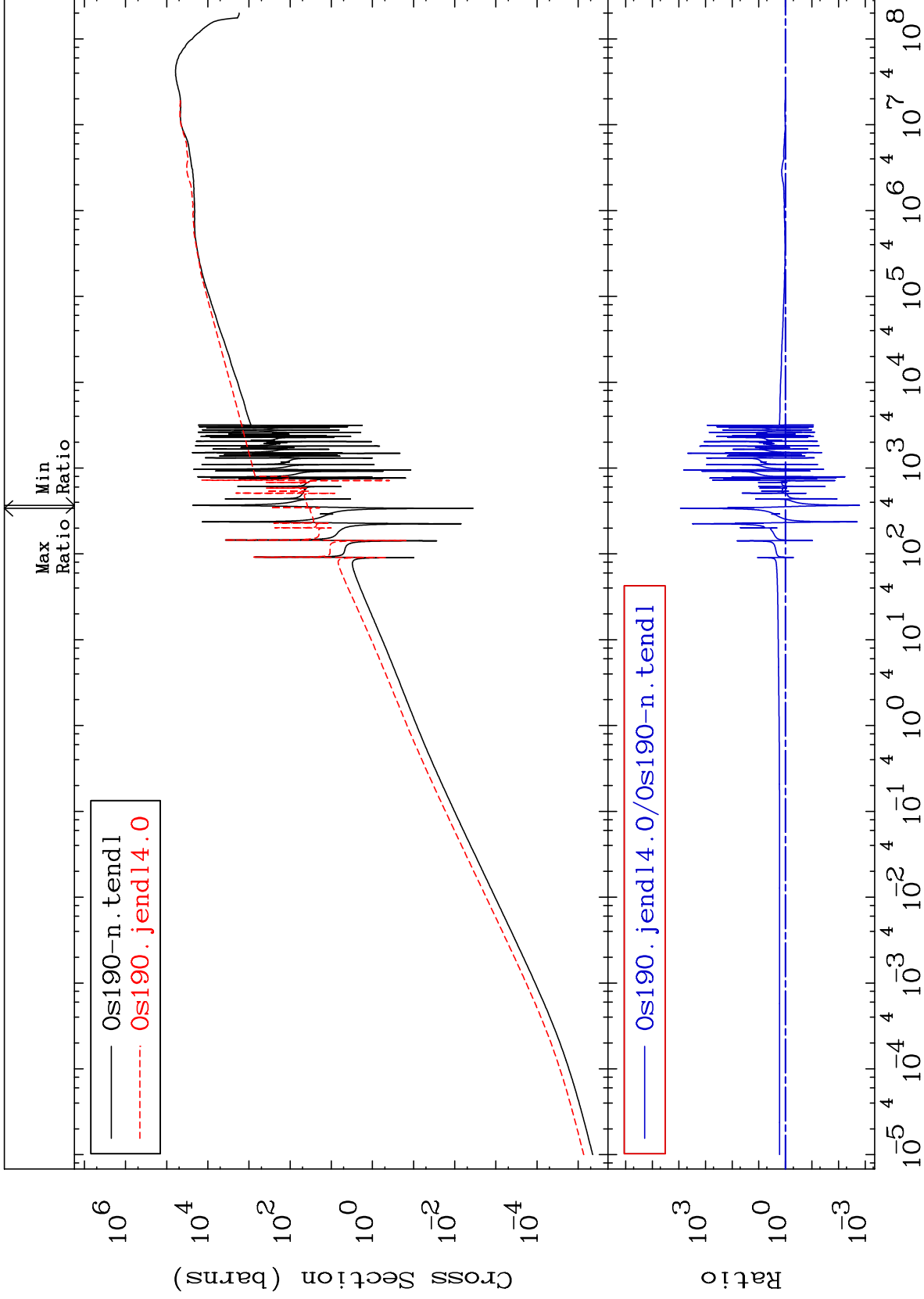
Incident Energy (eV)

76-0s-190

MAT 7643

Kerma elastic
Cross Section

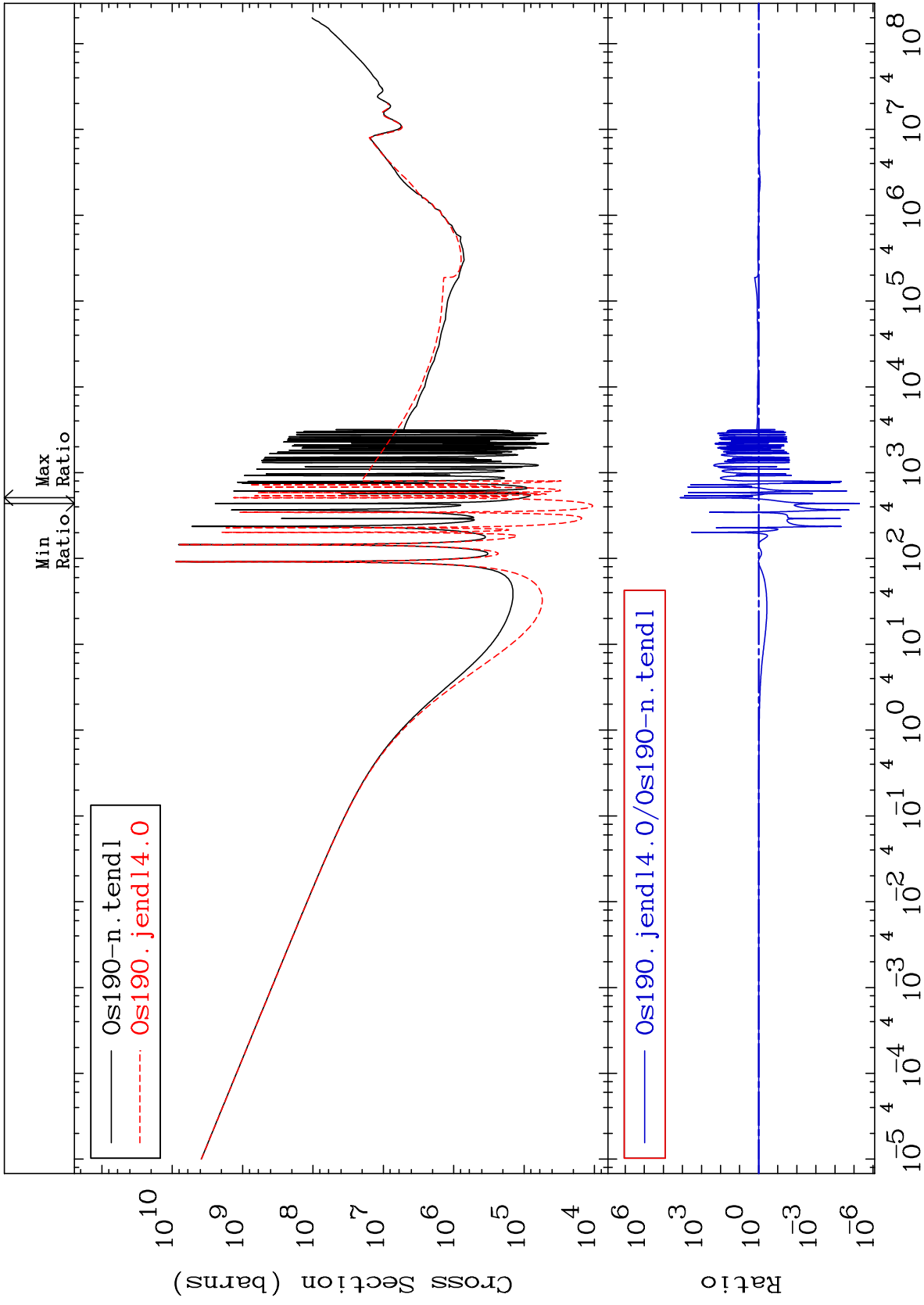
76-0s-190
-99.84 To 9999. %



MAT 7643

Kerma non-elastic (all but mt2)
Cross Section

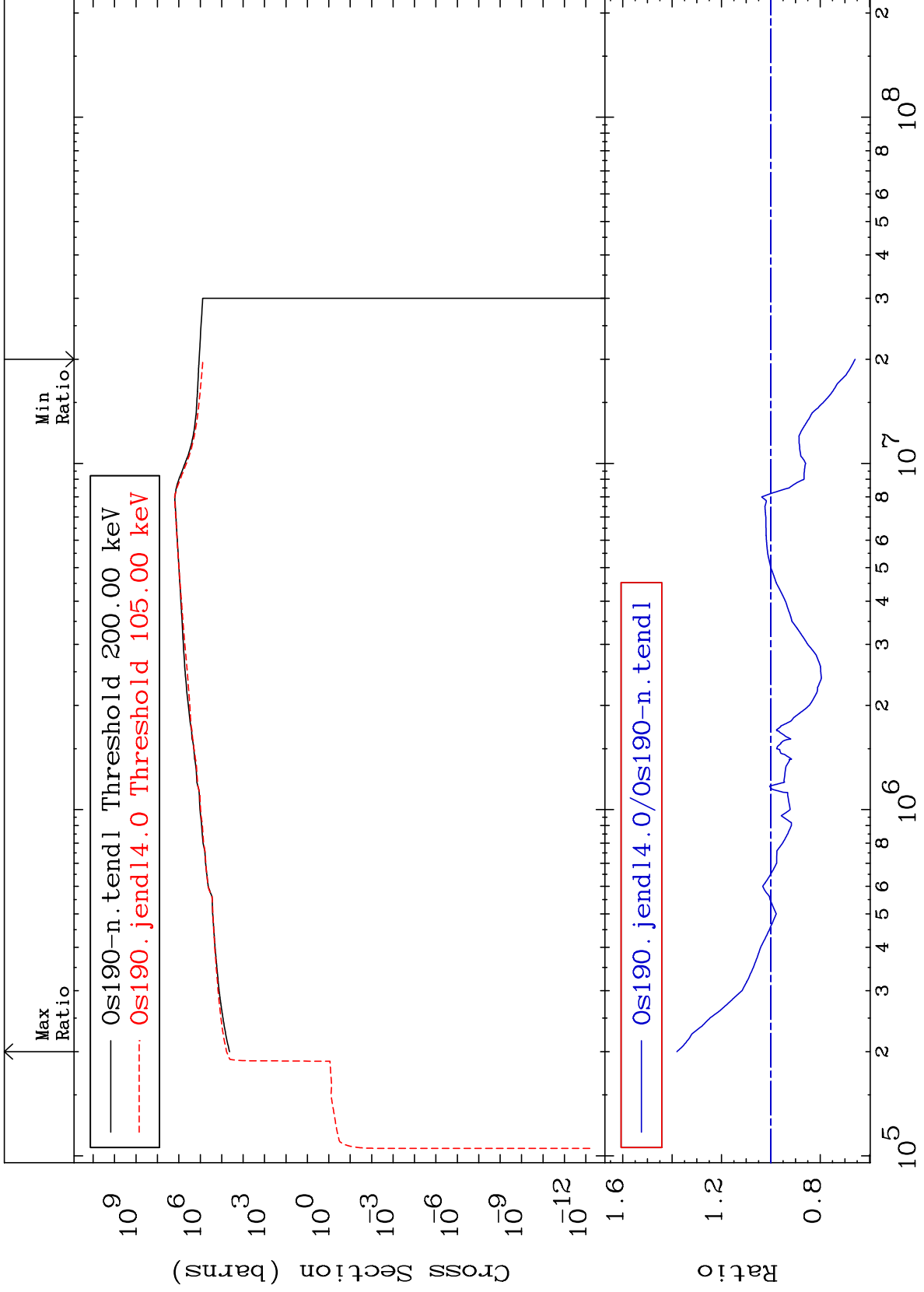
76-0s-190
-100.0 To 9999. %



MAT 7643

Kerma inelastic (mt51-91)
Cross Section

76-0s-190
-34.14 To 38.07 %



56

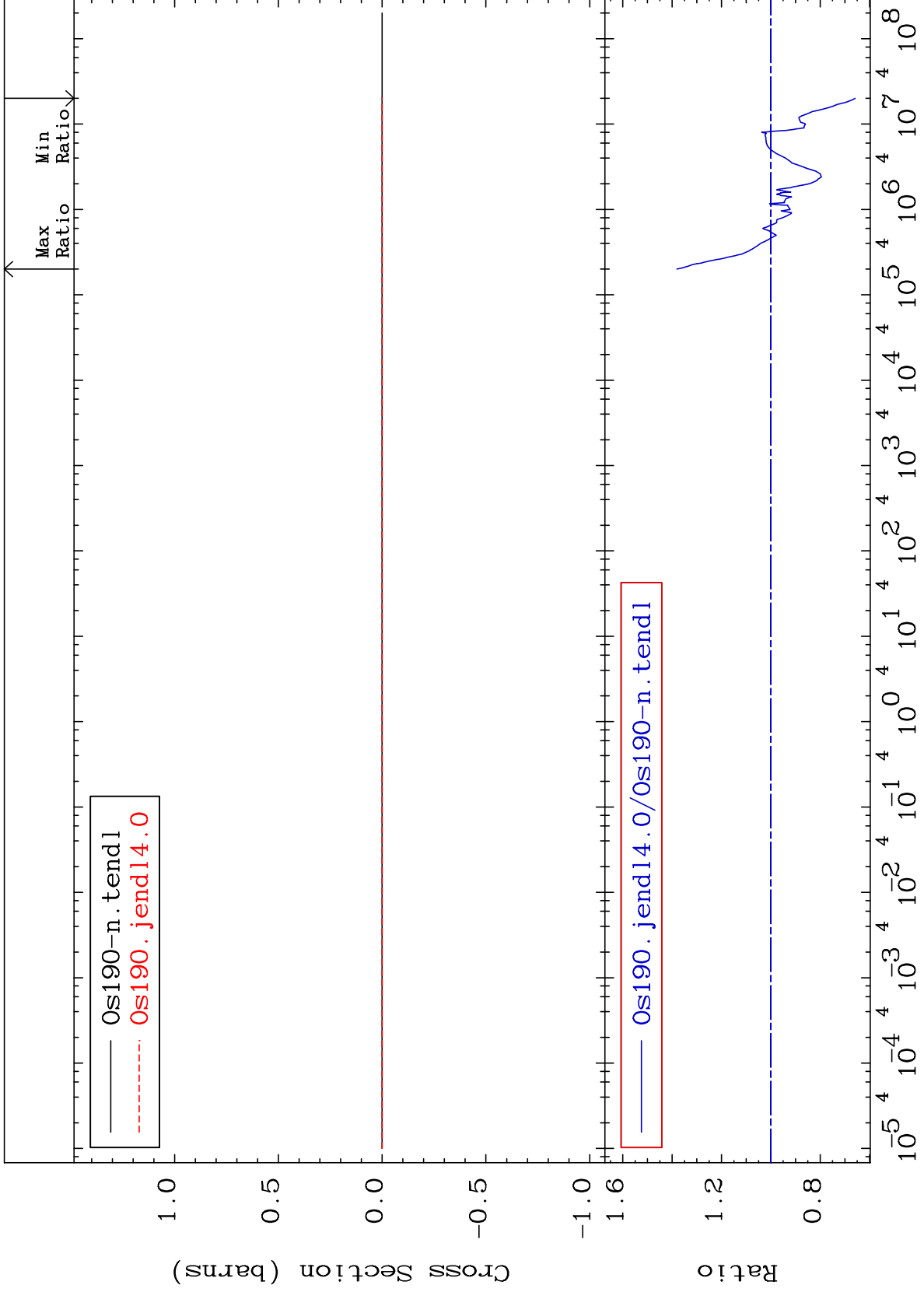
Incident Energy (eV)

76-0s-190

MAT 7643

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

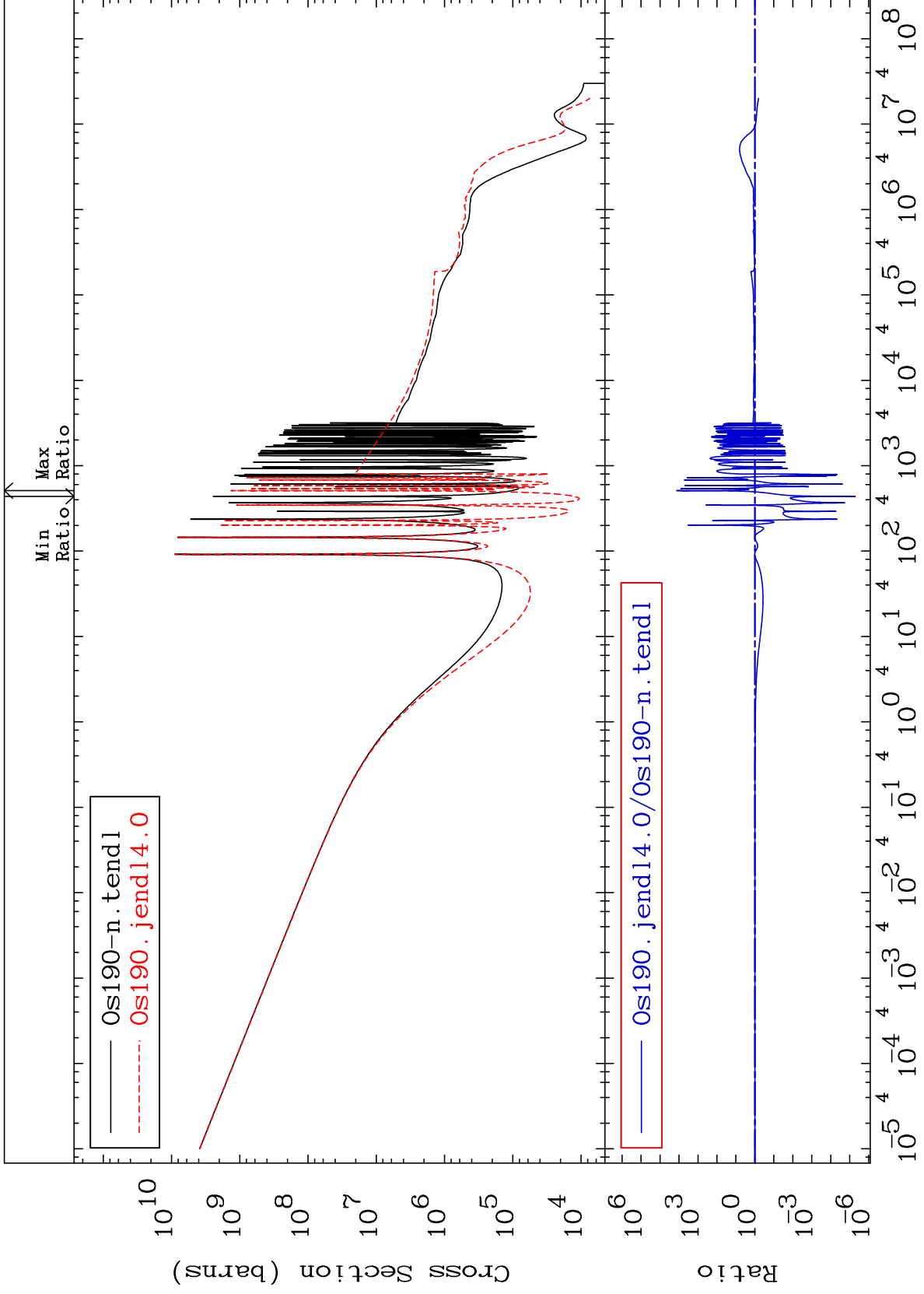
76-0s-190
-34.14 To 38.07 %



MAT 7643

Kerma capture (mt102)
Cross Section

76-0s-190
-100.0 To 9999. %



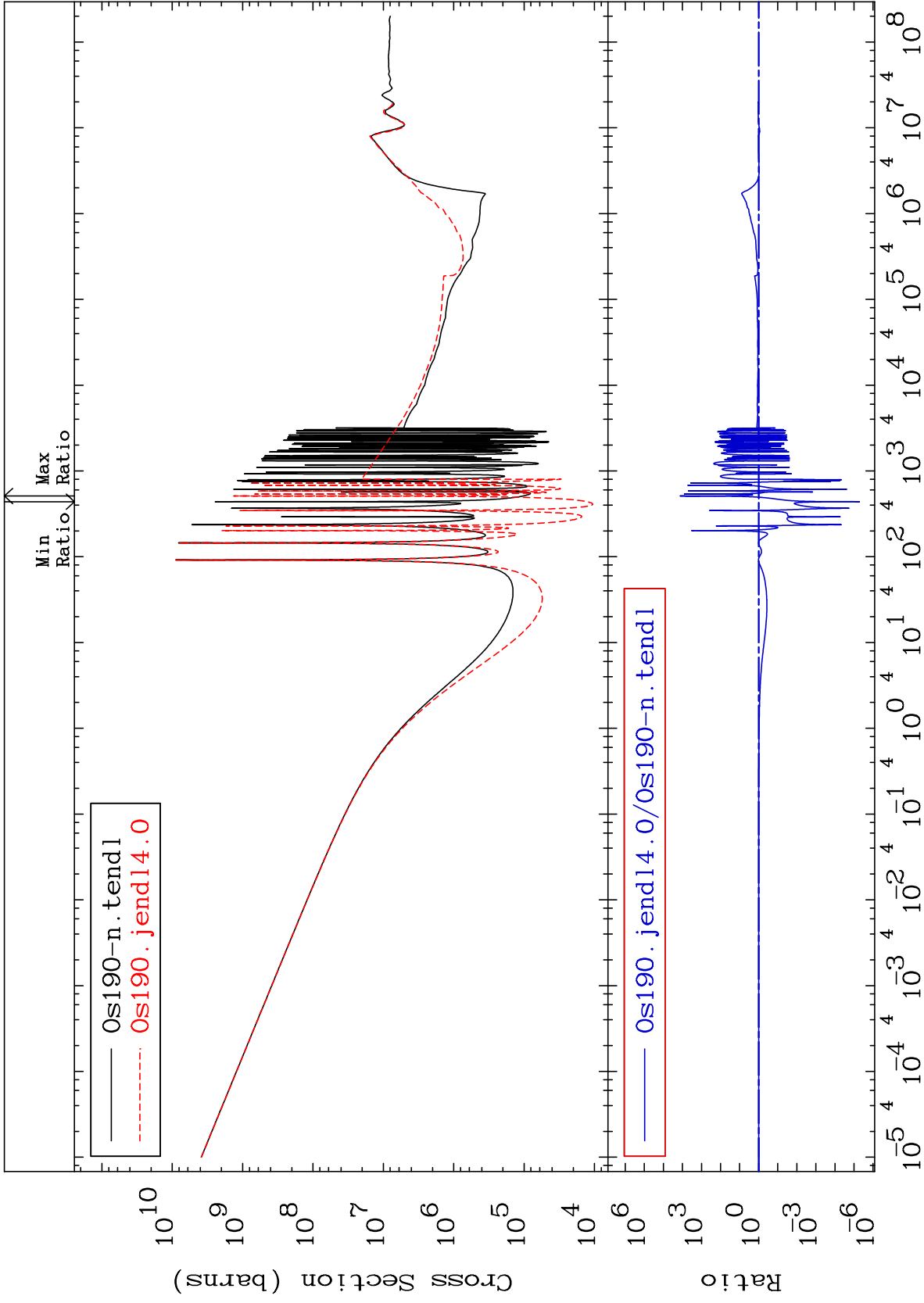
MAT 7643

Total photon (eV-barns)

76-0s-190

Cross Section

-100.0 To 9999. %



59

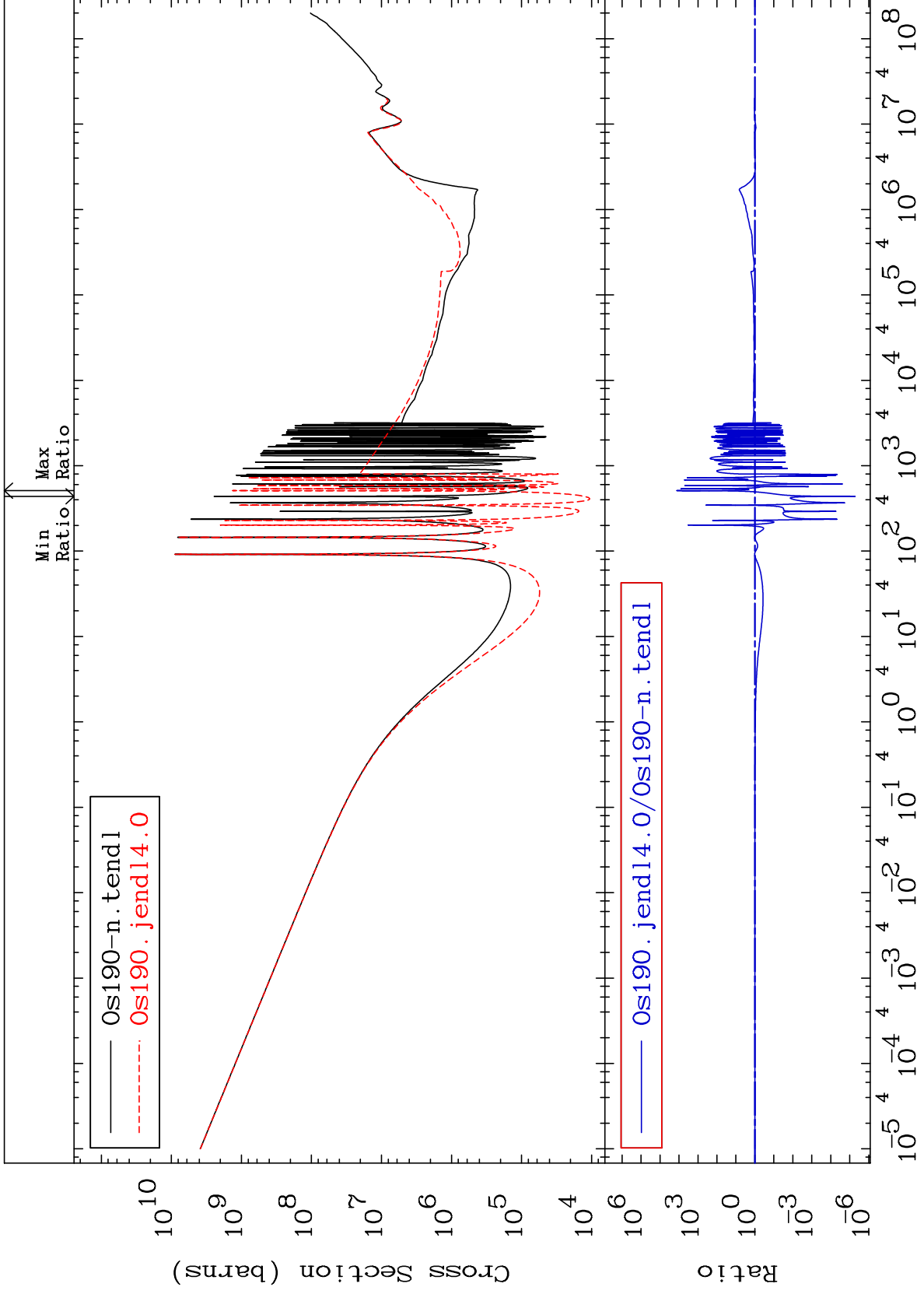
Incident Energy (eV)

76-0s-190

MAT 7643

Total kinematic kerma (high limit)
Cross Section

76-0s-190
-100.0 To 9999. %



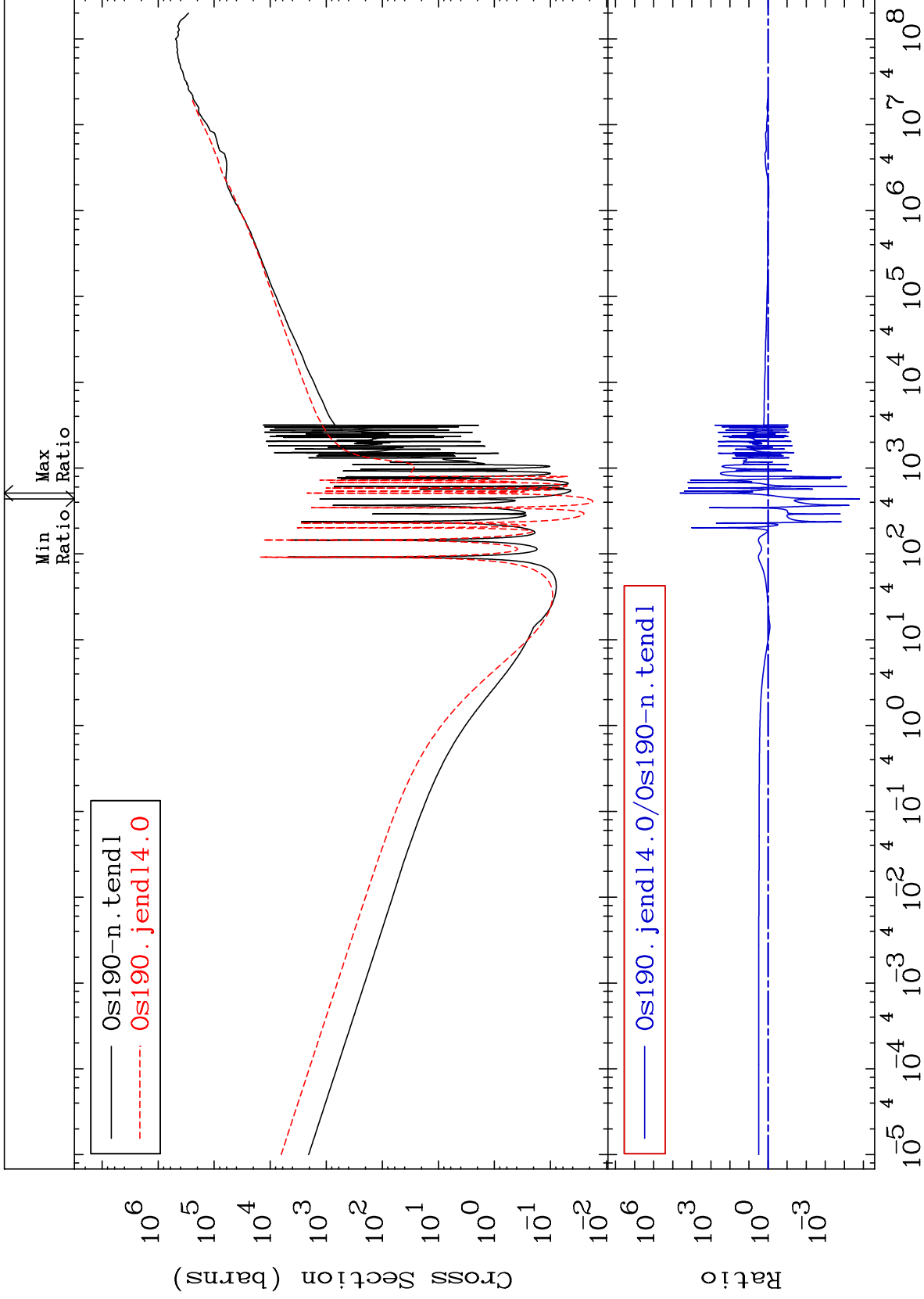
60

76-0s-190

MAT 7643

Dpa total (eV-barns)
Cross Section

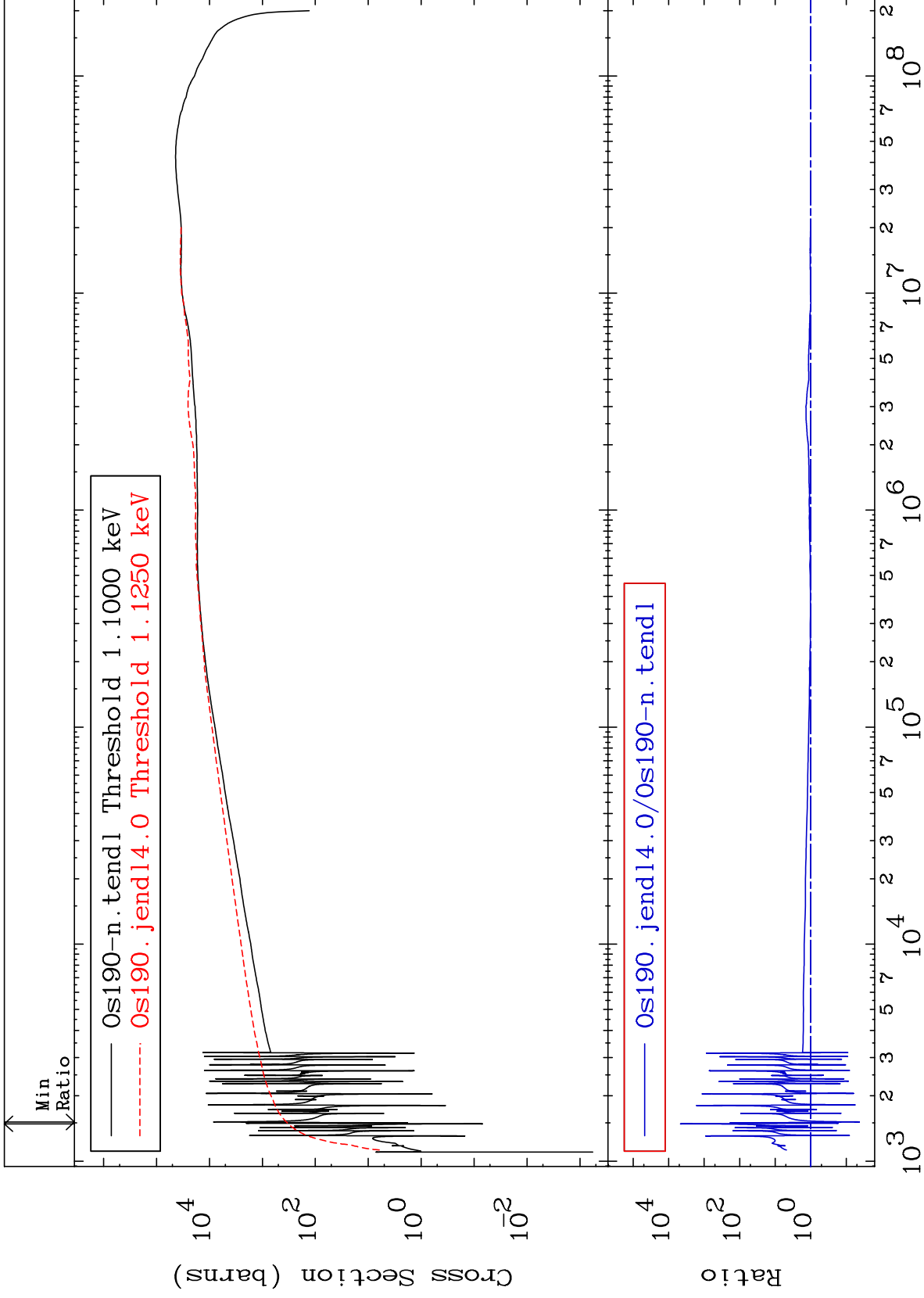
76-0s-190
-100.0 To 9999. %



MAT 7643

Dpa elastic (mt2)
Cross Section

76-0s-190
-95.76 To 9999. %



62

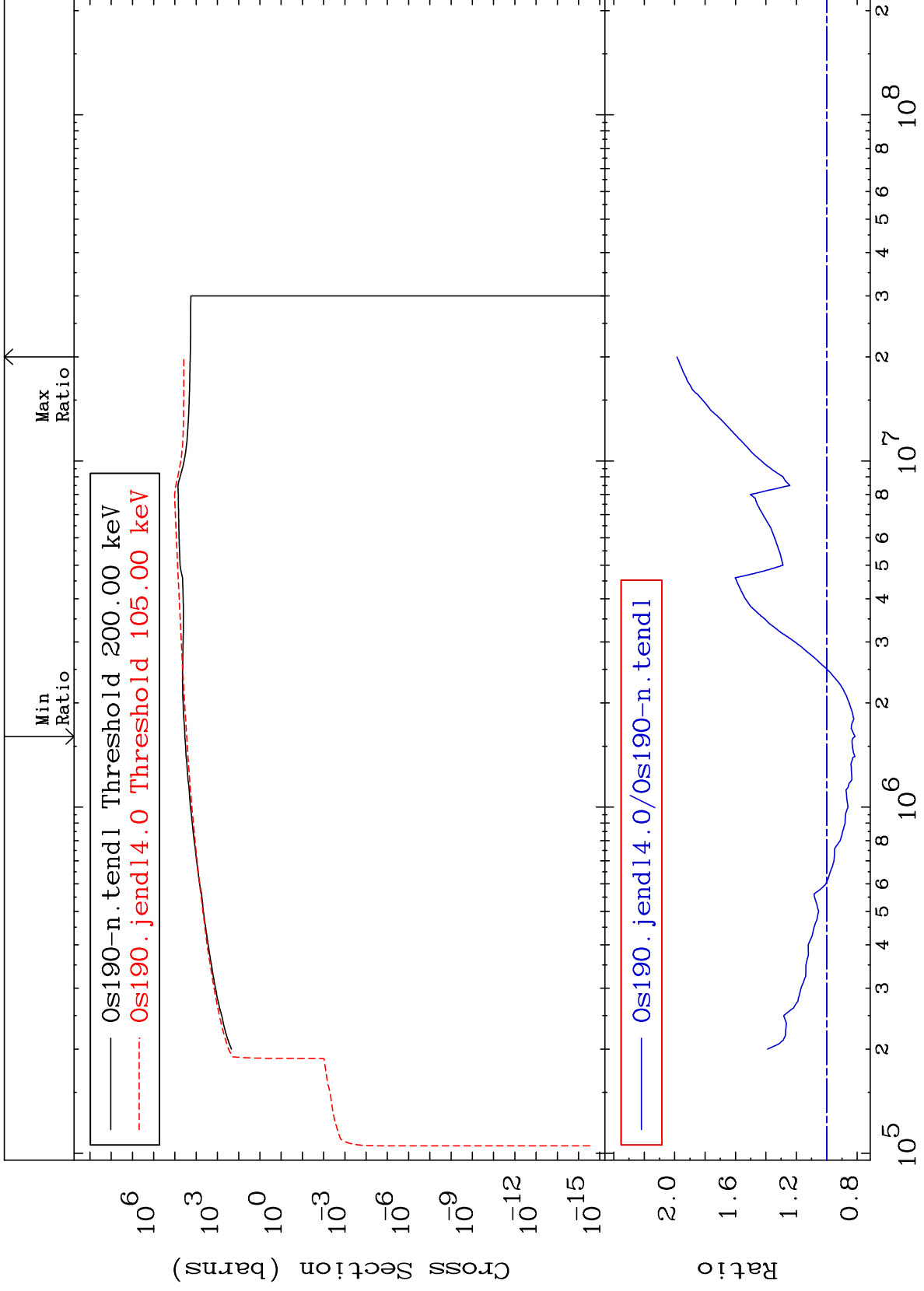
Incident Energy (eV)

76-0s-190

MAT 7643

Dpa inelastic (mt51-91)
Cross Section

76-0s-190
-18.64 To 98.52 %



63

Incident Energy (eV)

76-0s-190

MAT 7643

Dpa disappearance (mt102 -120)
Cross Section

76-0s-190
-100.0 To 9999. %

