

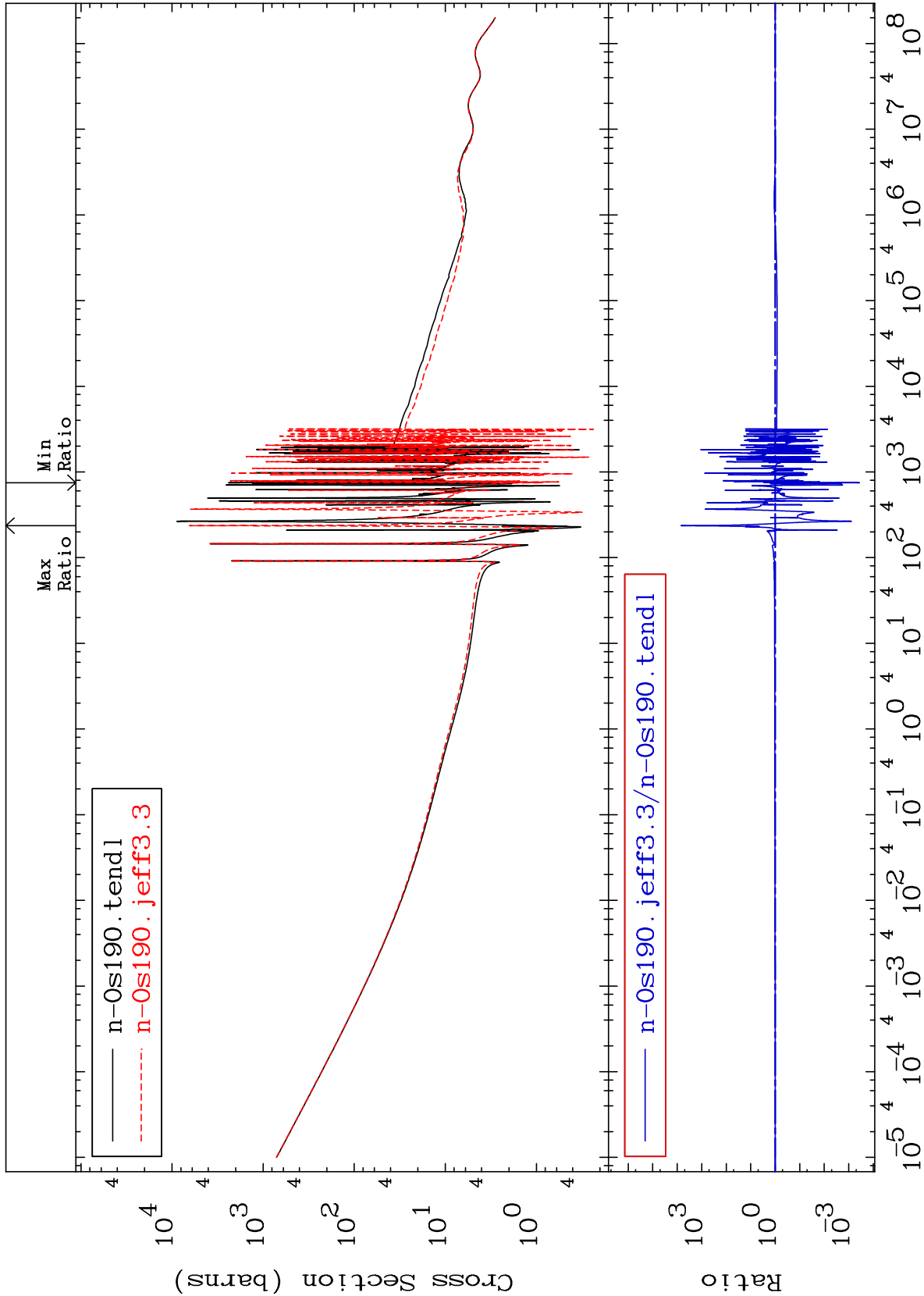
MAT 7643

Total

76-0s-190

Cross Section

-99.96 To 9999. %



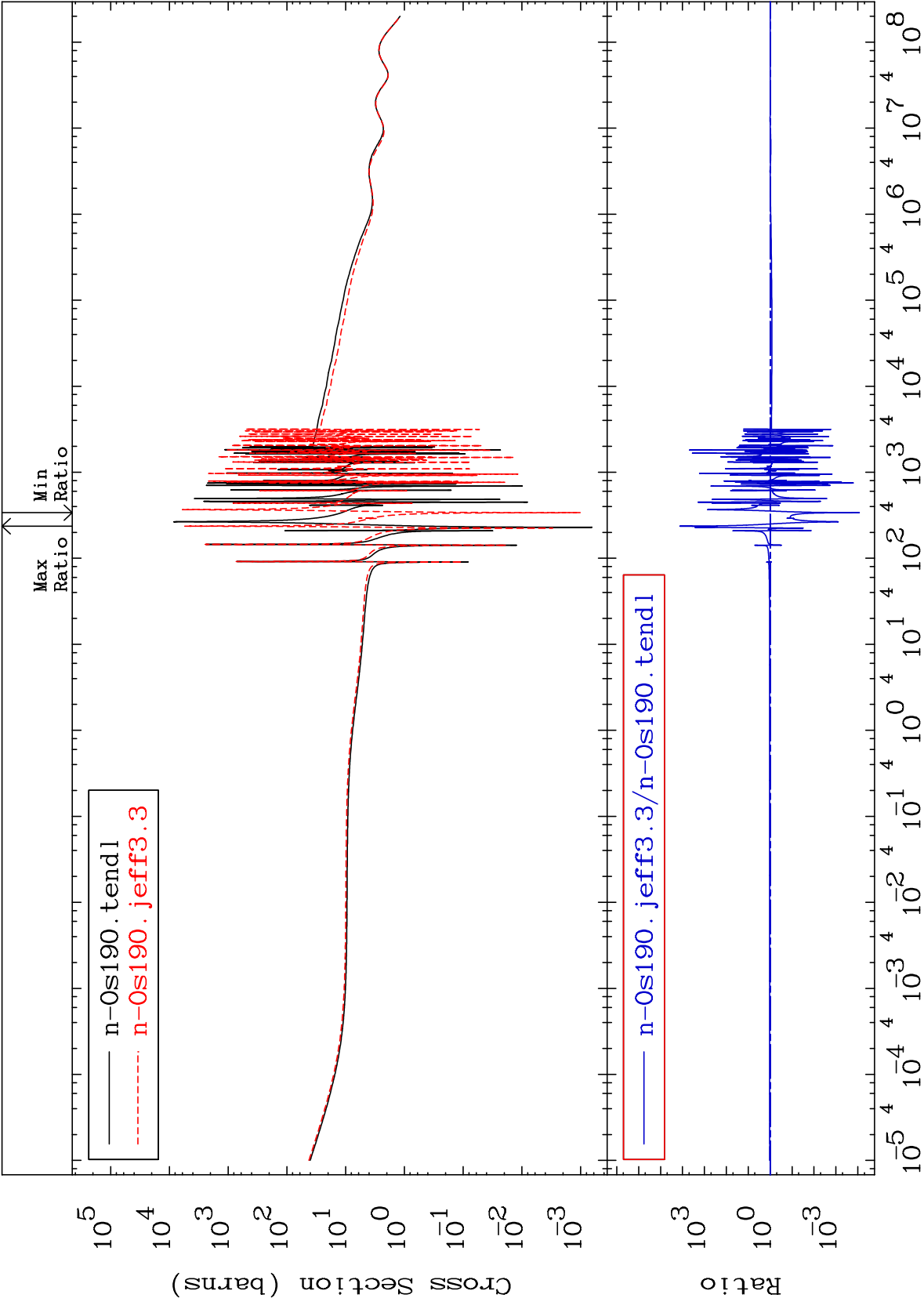
MAT 7643

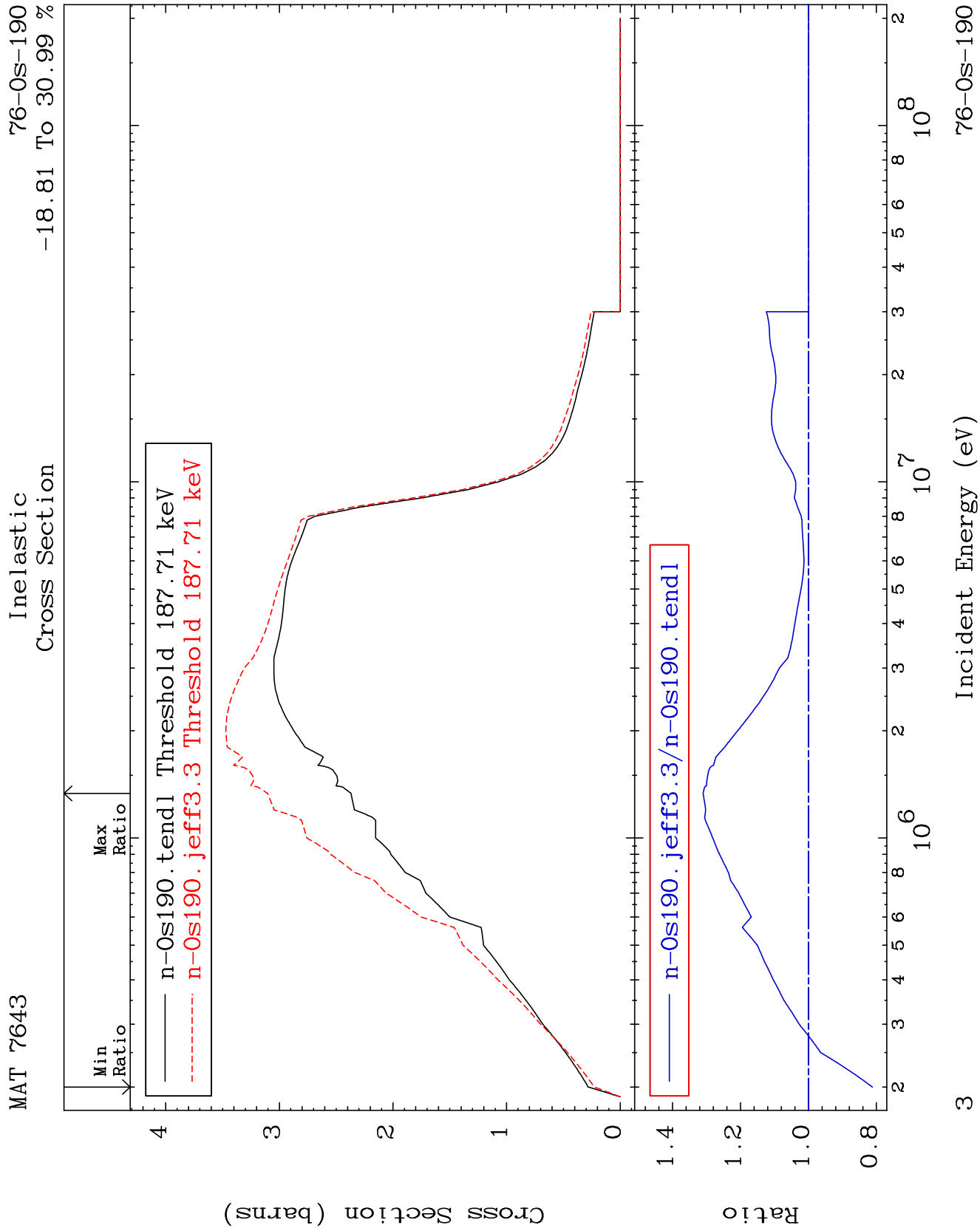
Elastic

Cross Section

76-0s-190

-99.99 To 9999. %

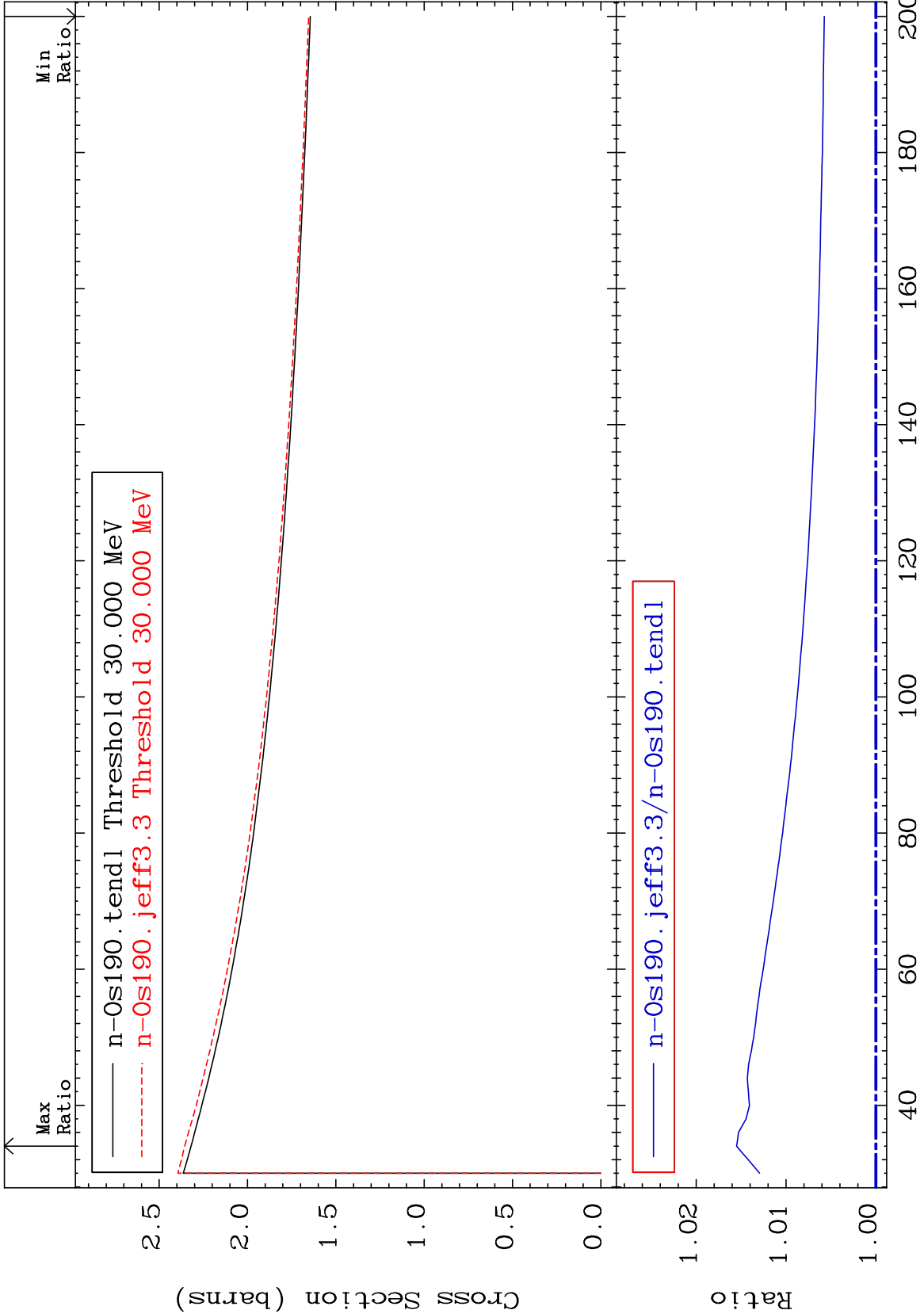


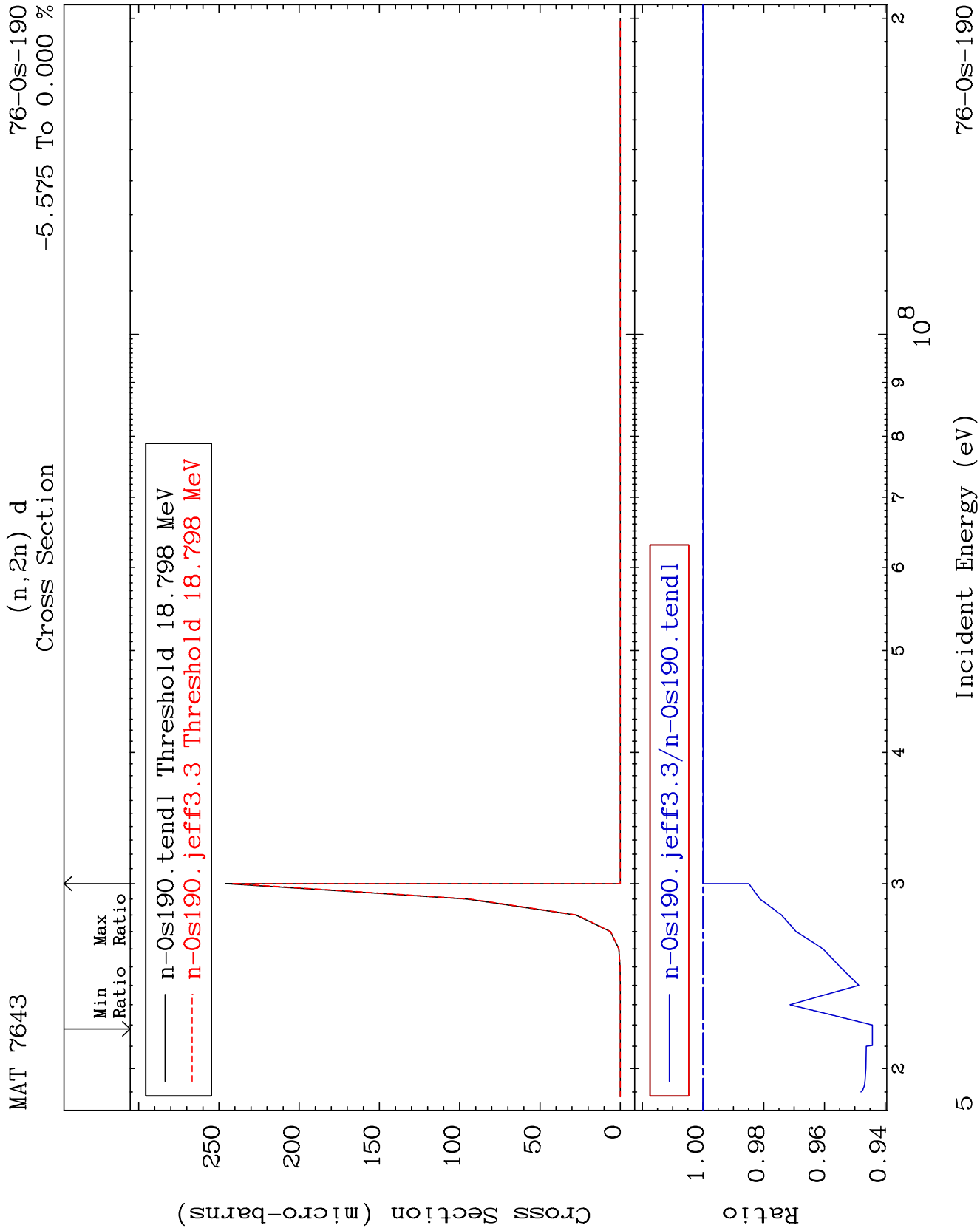


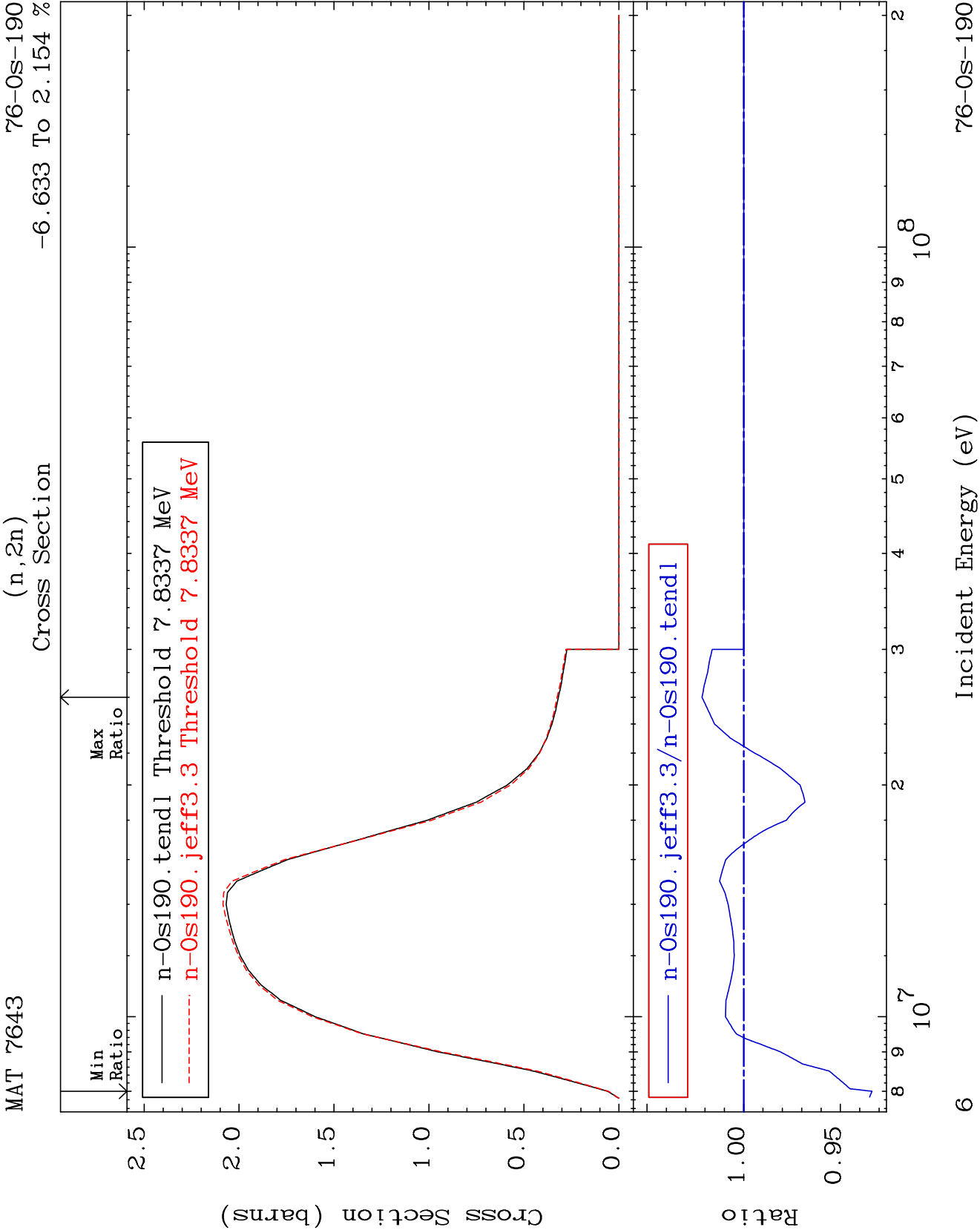
MAT 7643

(n,remainder)
Cross Section

0.574 76-0s-190
To 1.551 %





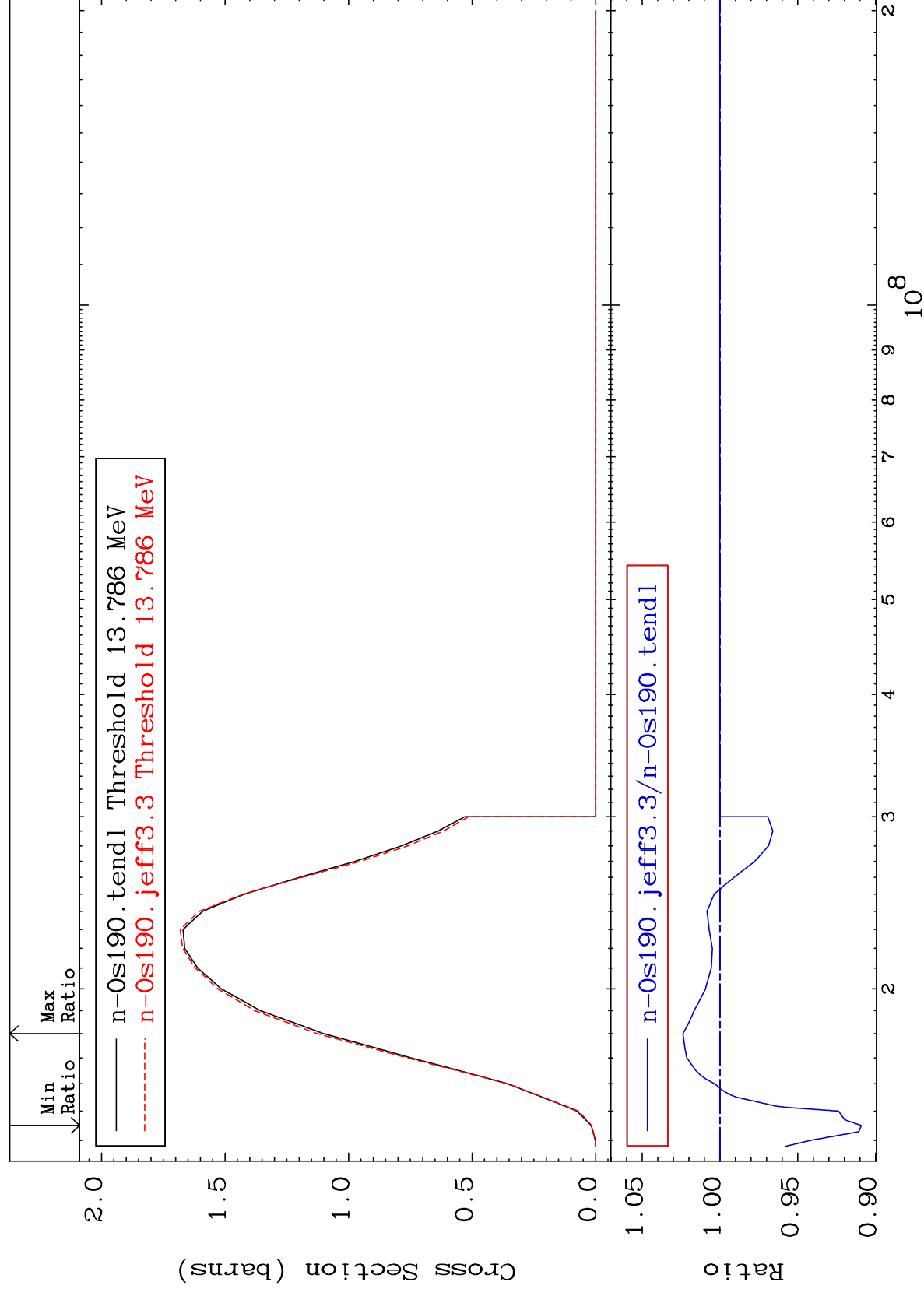


MAT 7643

$$(n, 3n)$$

Cross Section

-9.079 To 2.378 %
76-0s-190

 $\sim$

Incident Energy (eV)

76-05-190

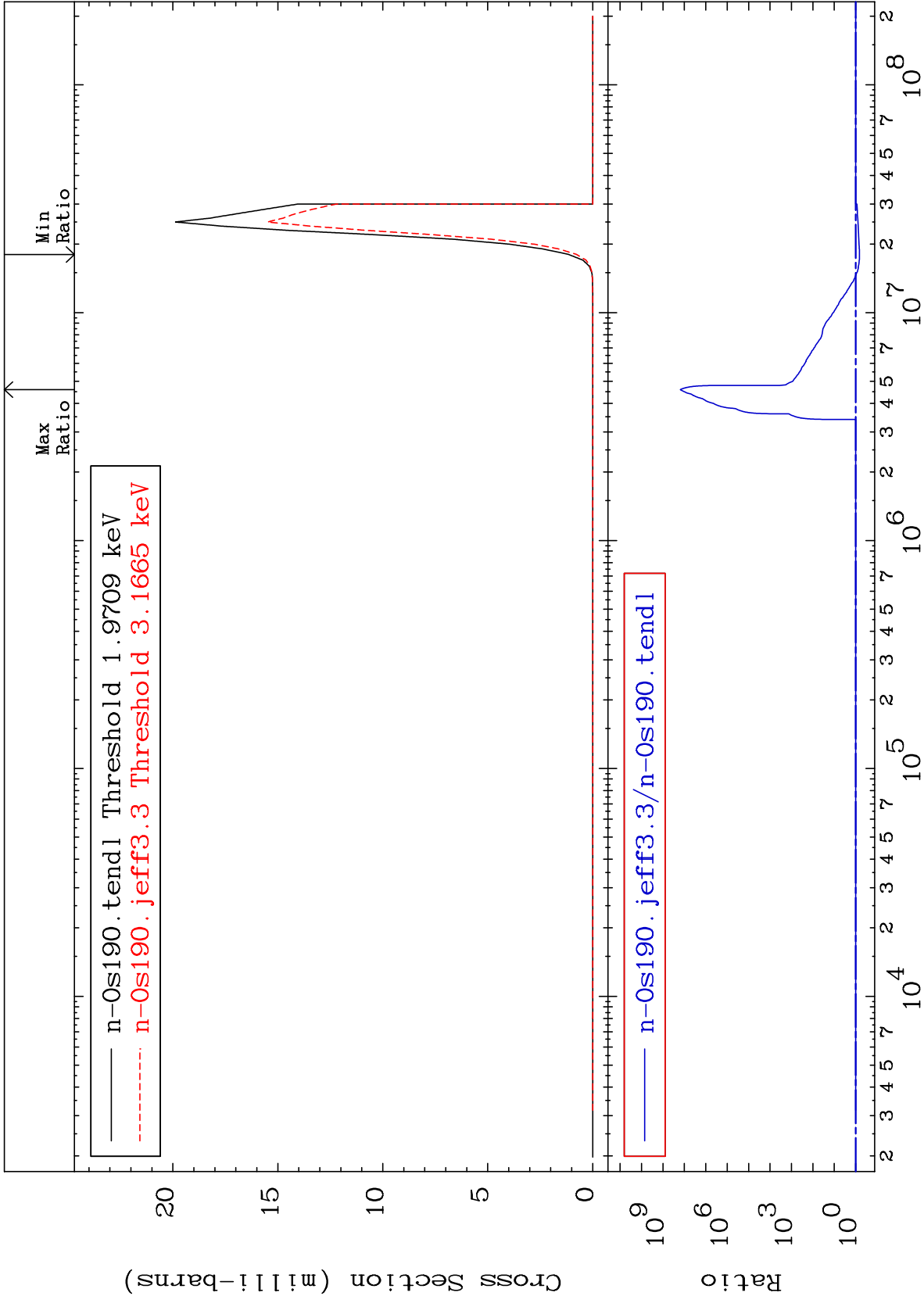
MAT 7643

76-0s-190

(n,n') α

Cross Section

-32.88 To 9999. %



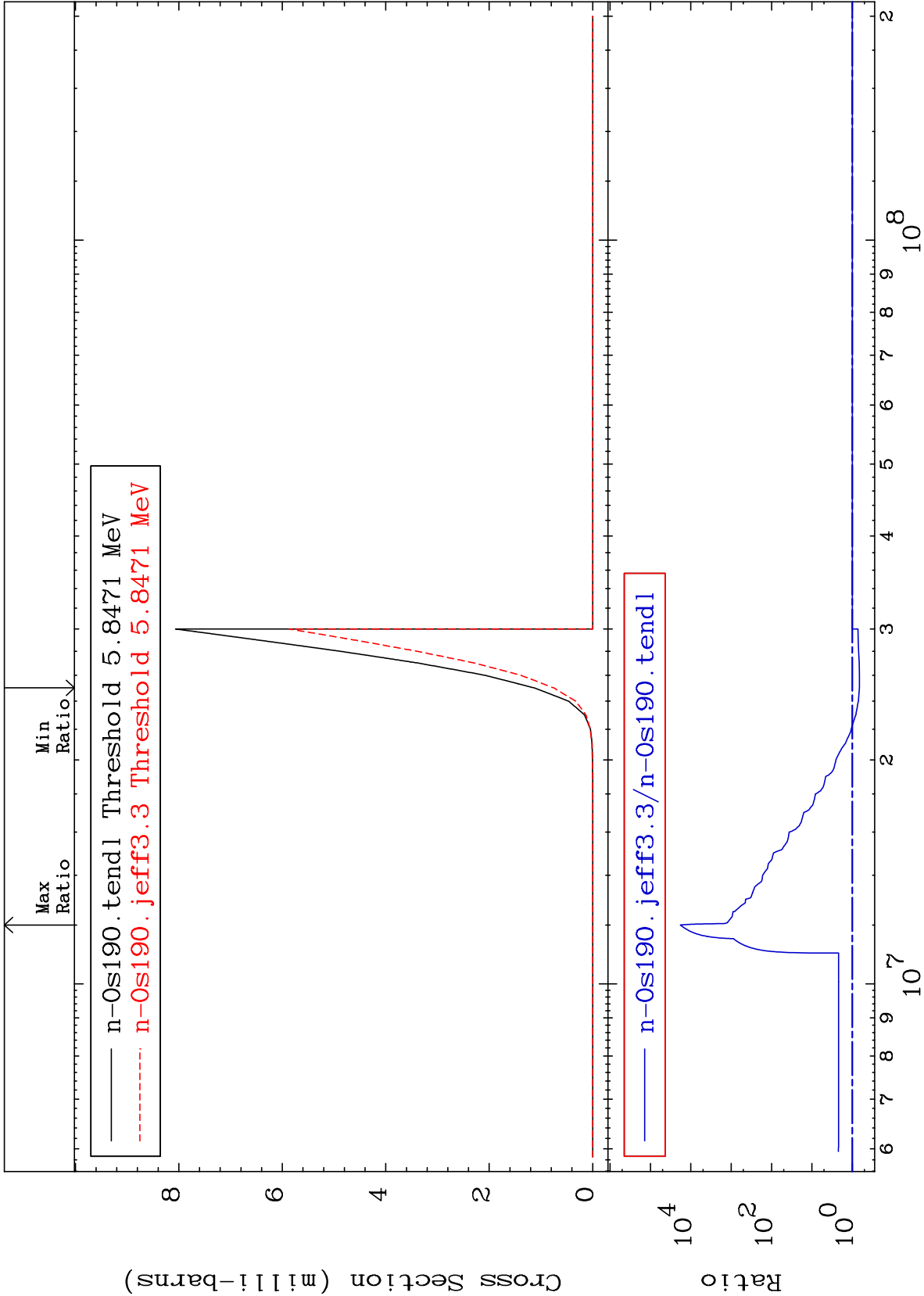
MAT 7643

(n,2n) α

⁷⁶Os-190

Cross Section

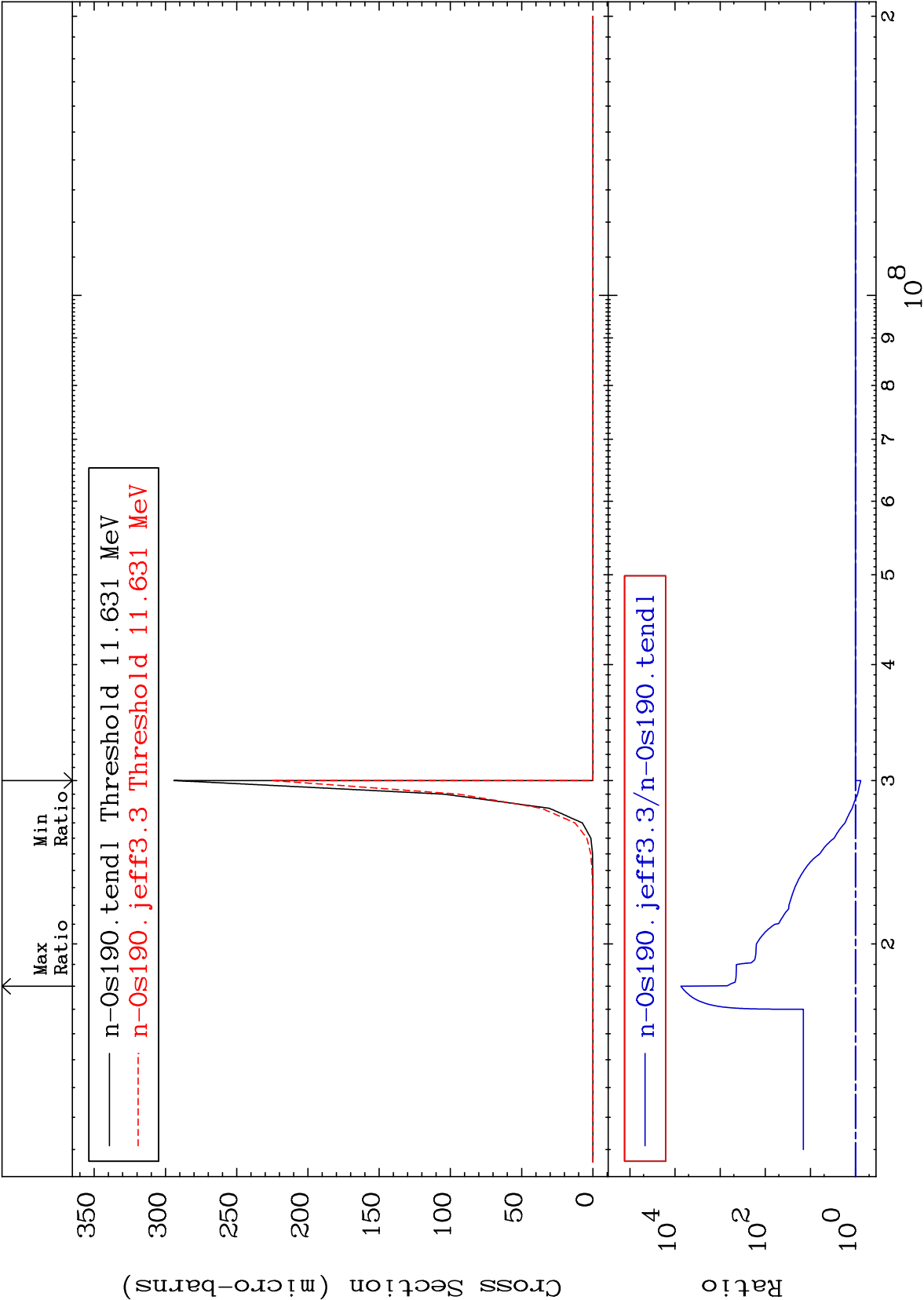
-33.43 To 9999. %



MAT 7643

(n,3n) α
Cross Section

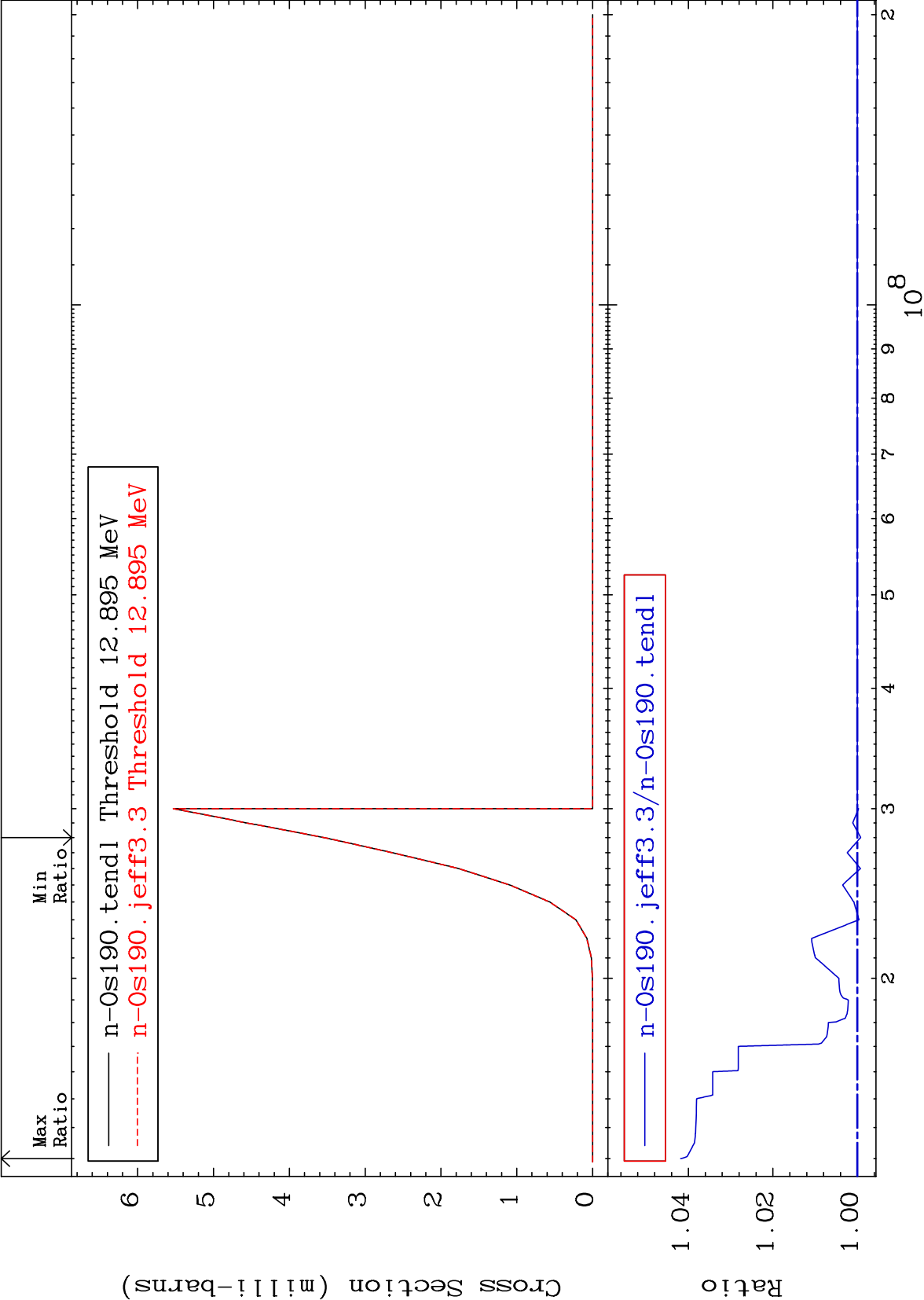
76-0s-190
-23.38 To 9999. %



MAT 7643

(n,n') d
Cross Section

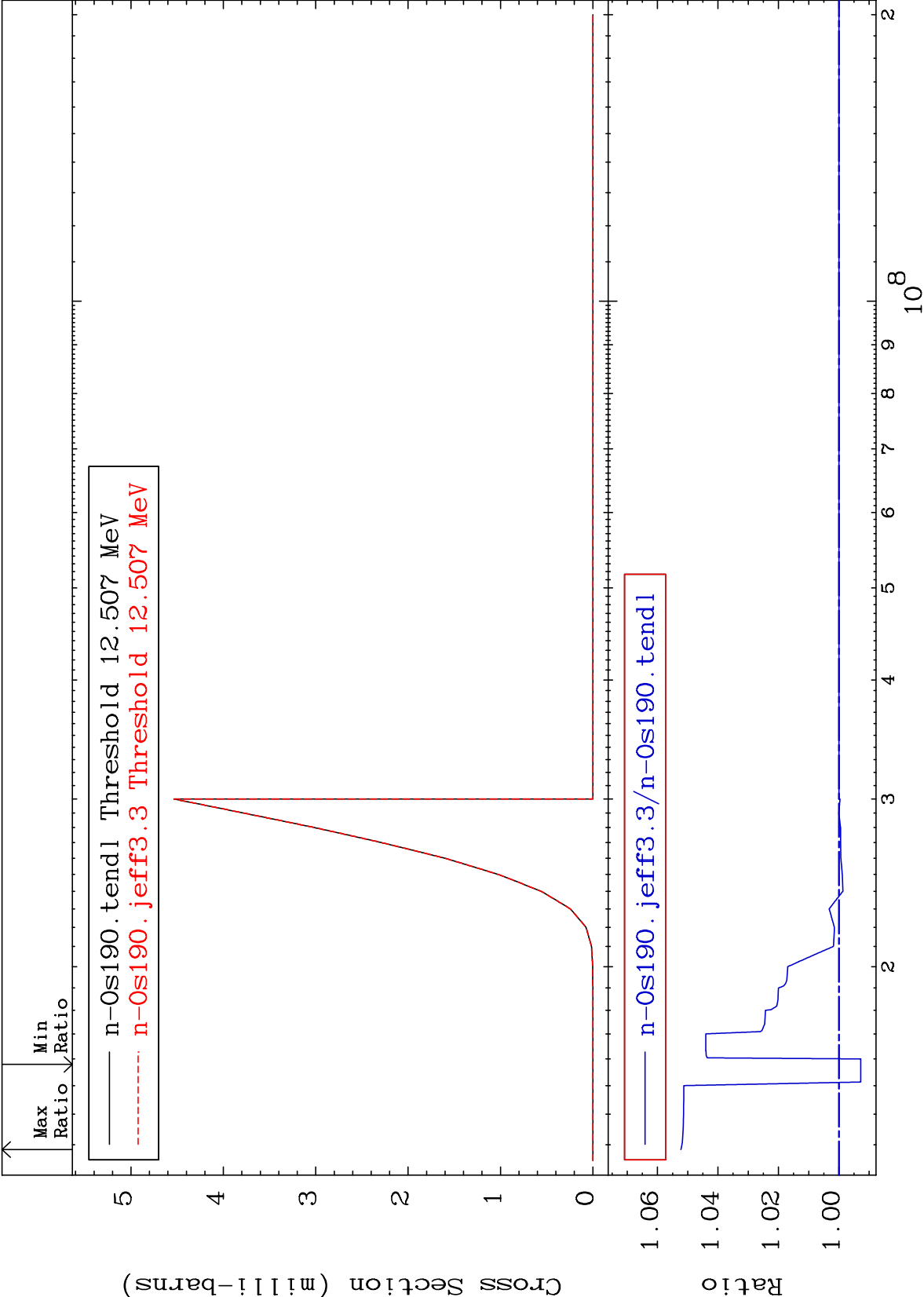
76-0s-190
-0.077 To 4.183 %

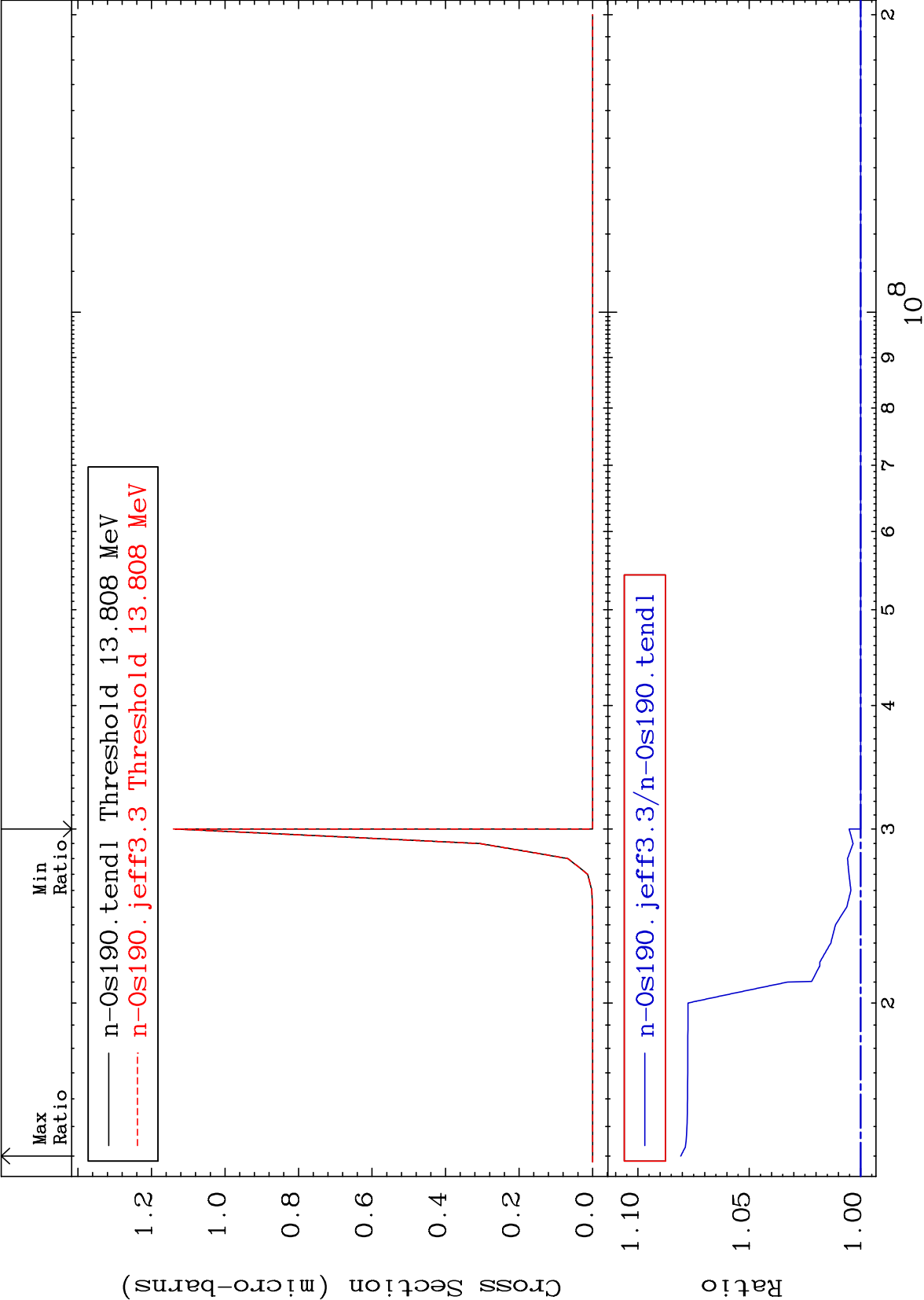


12

Incident Energy (eV)

76-0s-190





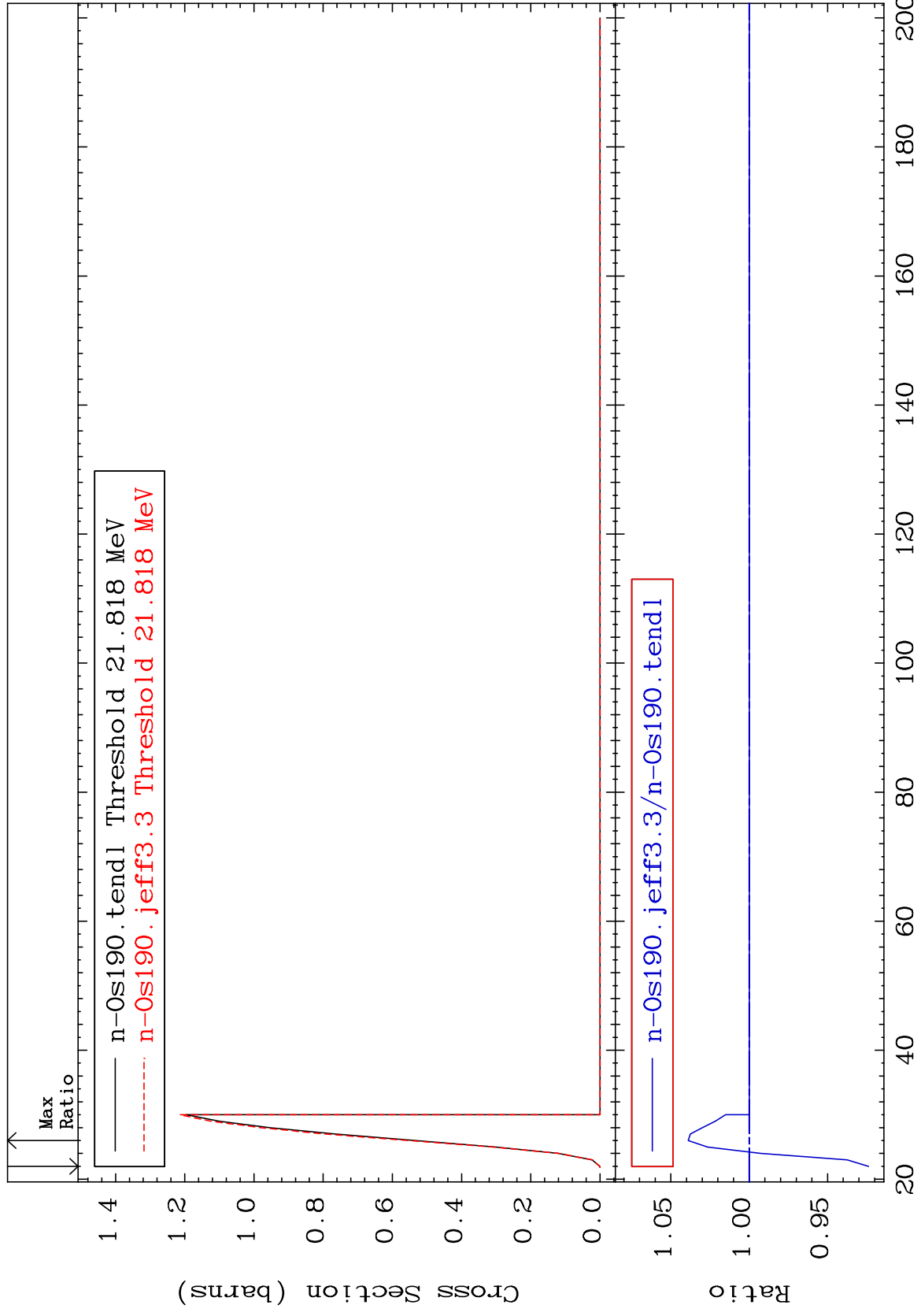
MAT 7643

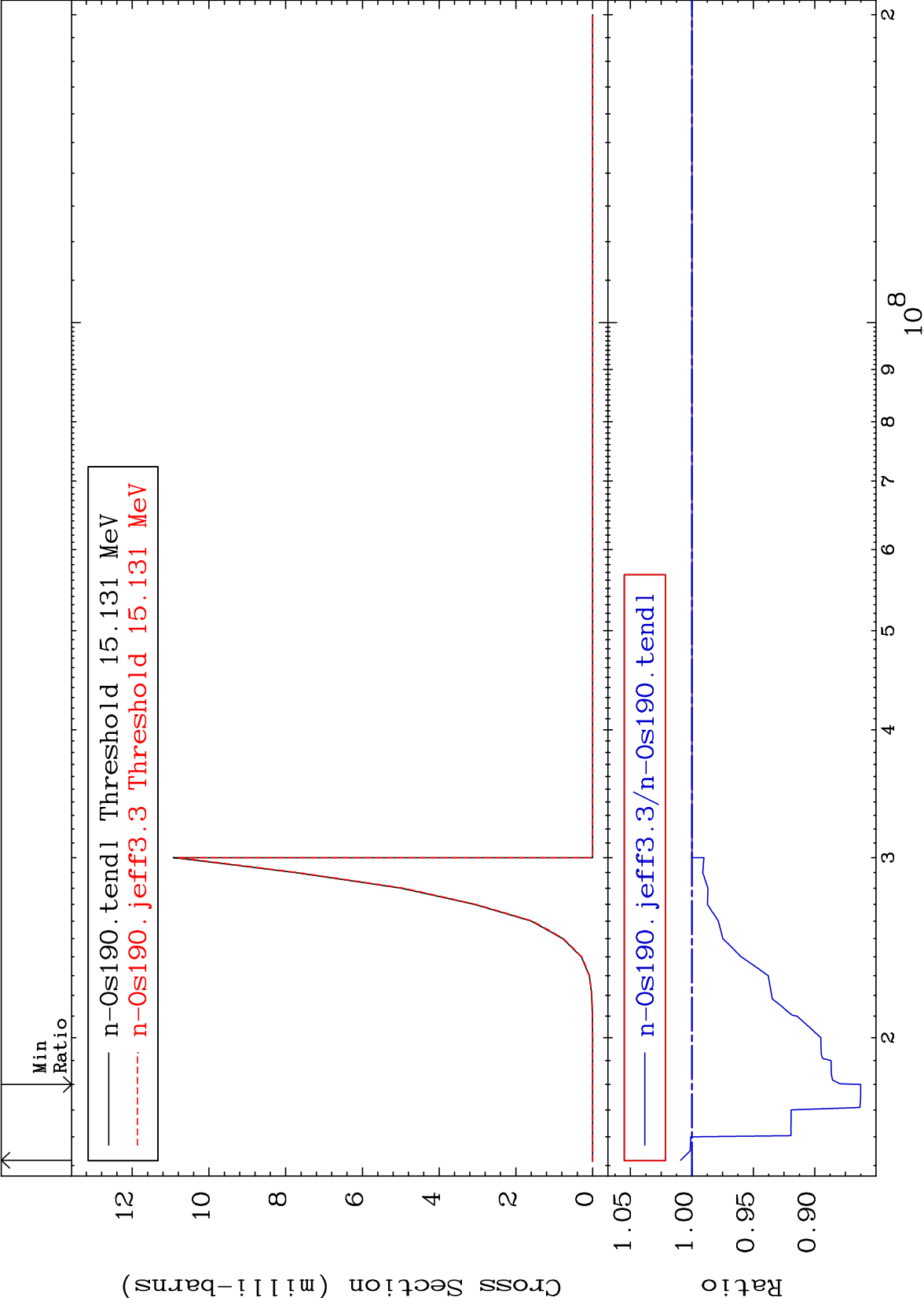
(n,4n)

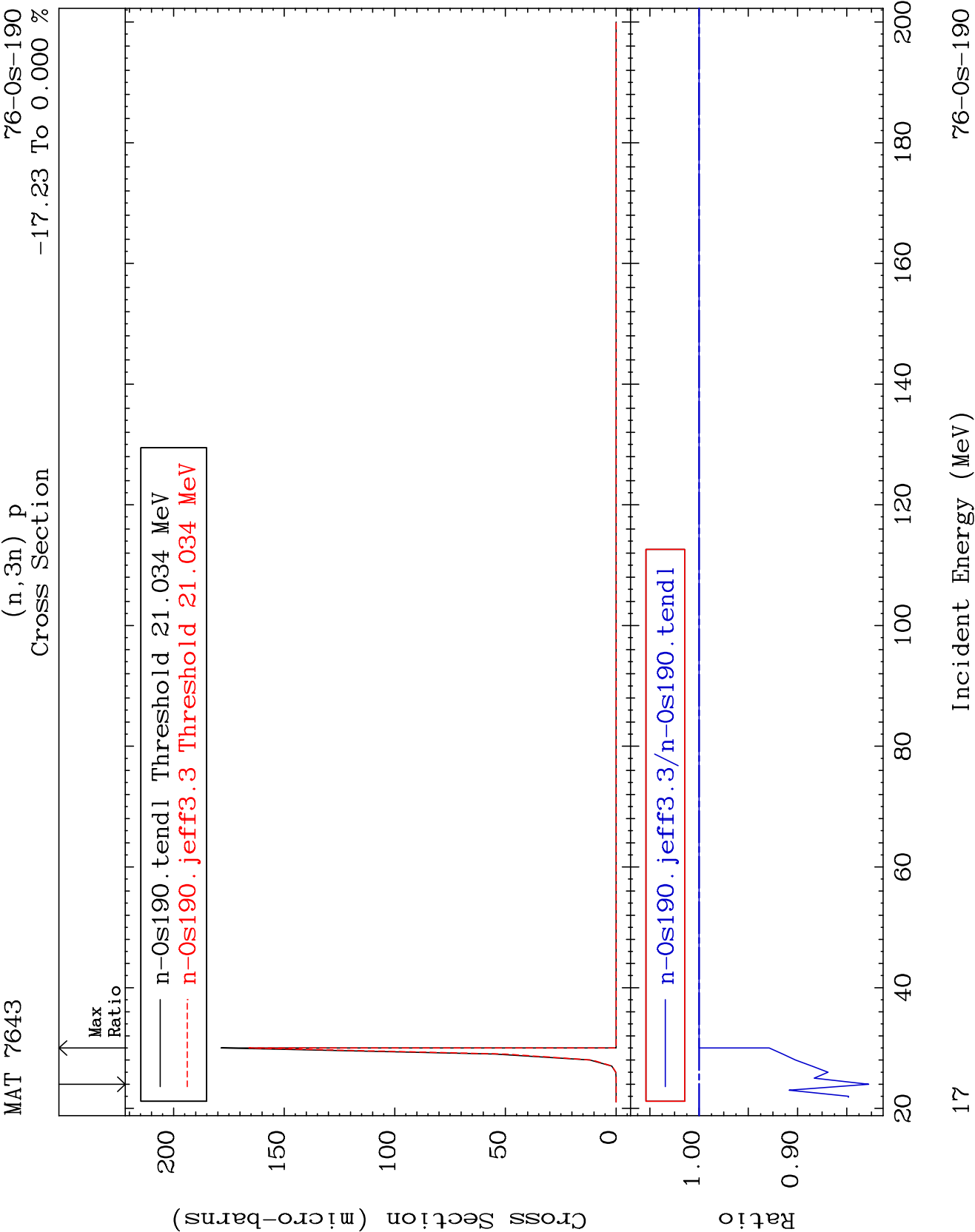
⁷⁶Os-190

Cross Section

-7.615 To 3.891 %

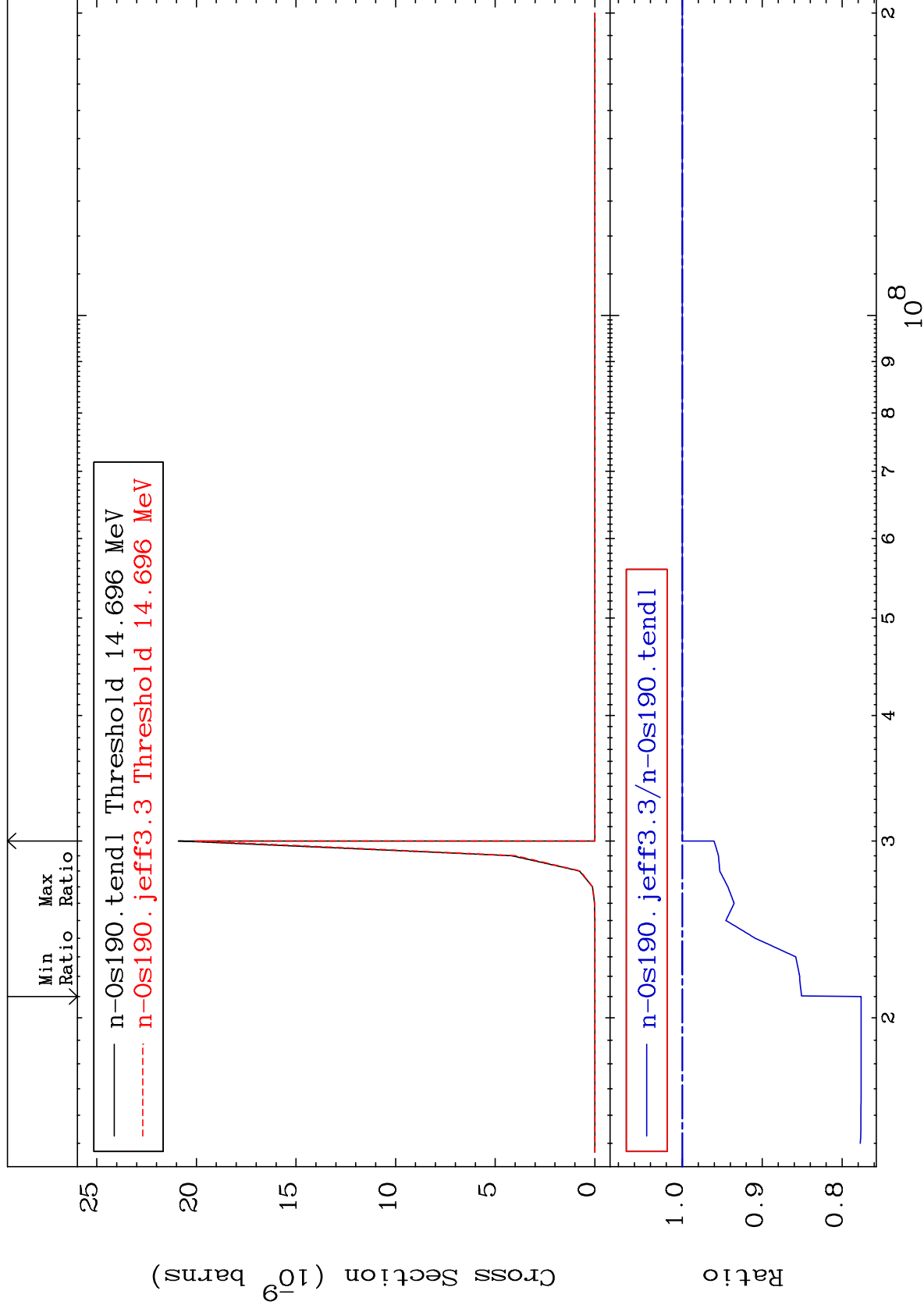






MAT 7643

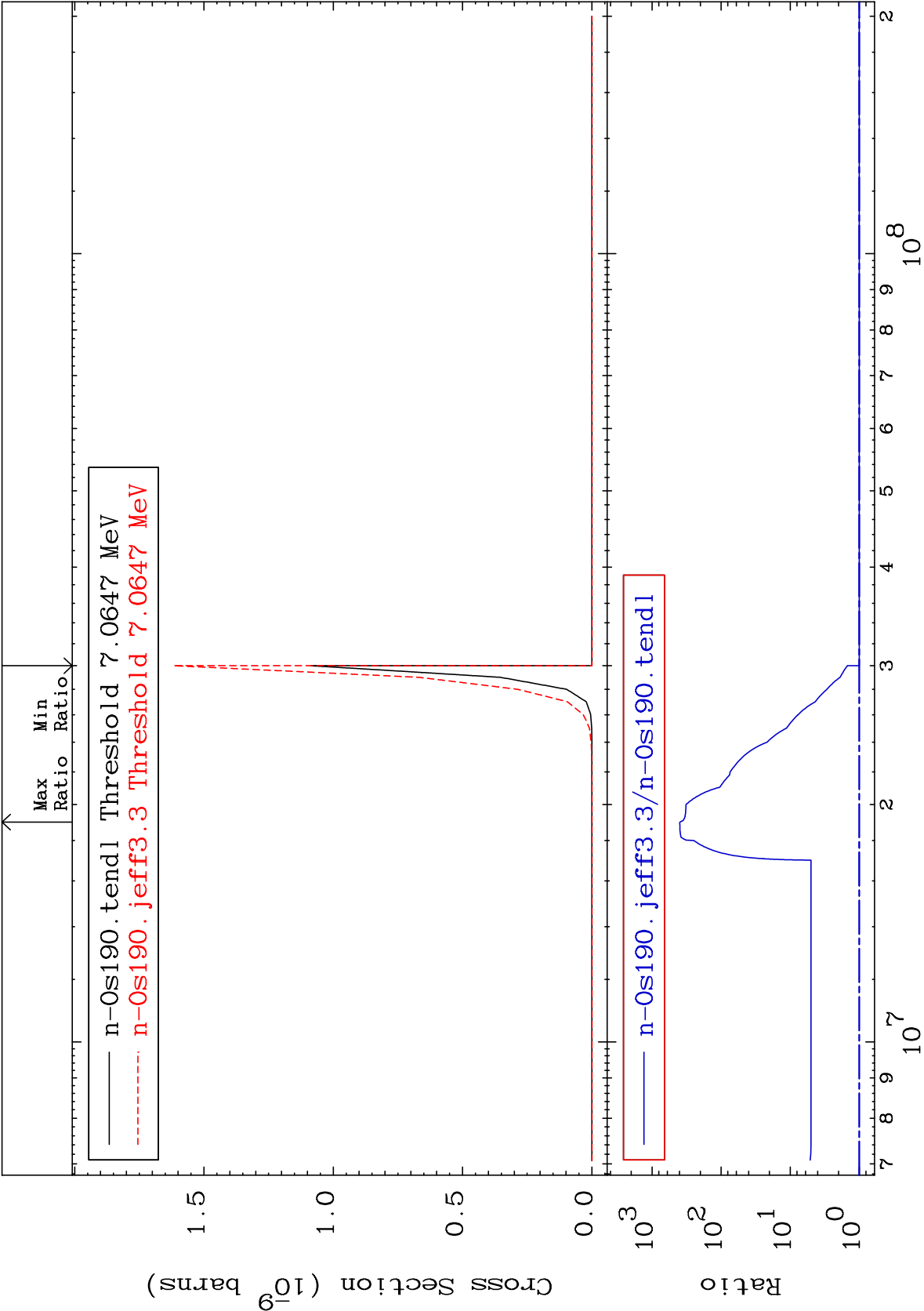
(n,2n) p
Cross Section
76-0s-190
-22.36 To 0.000 %

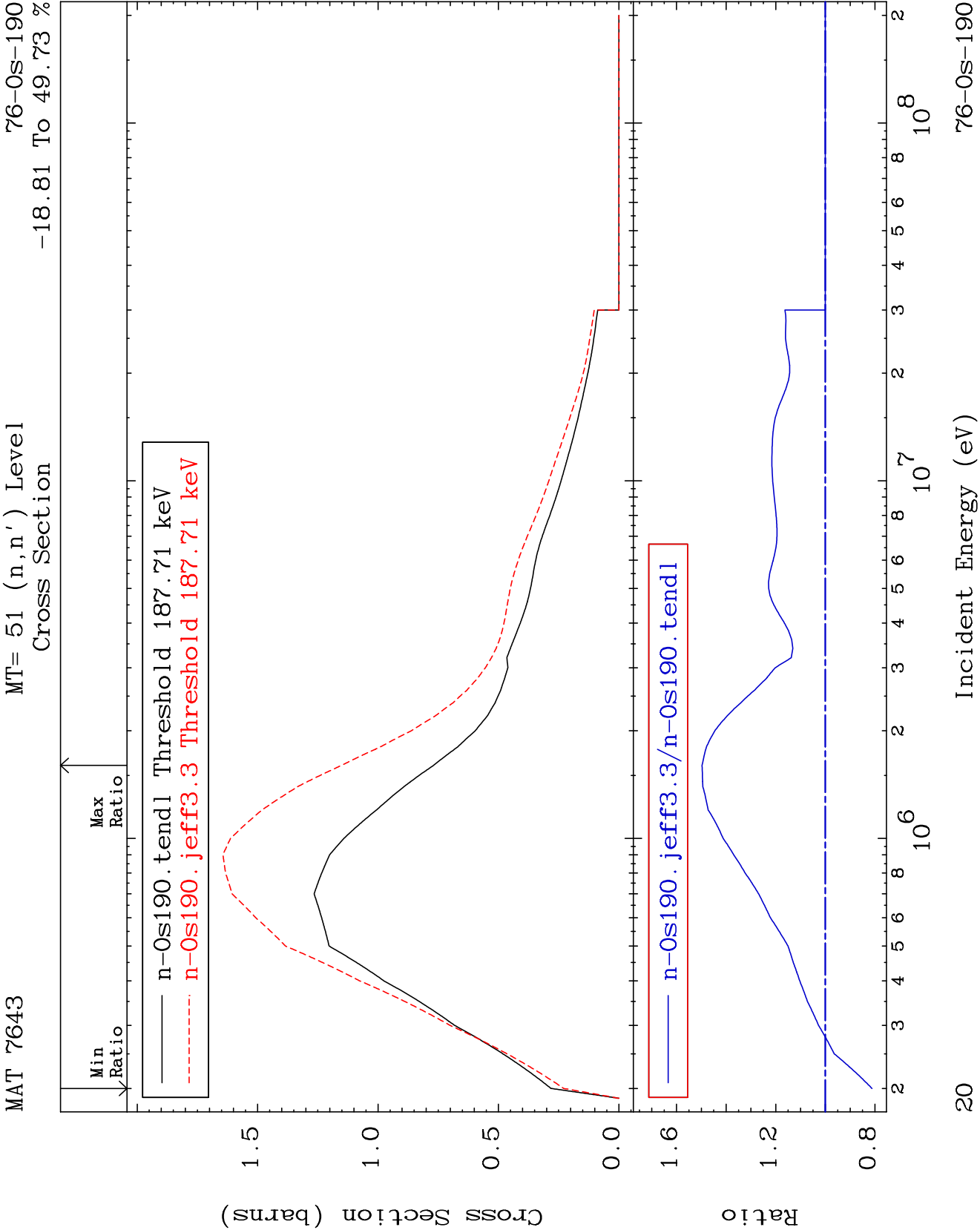


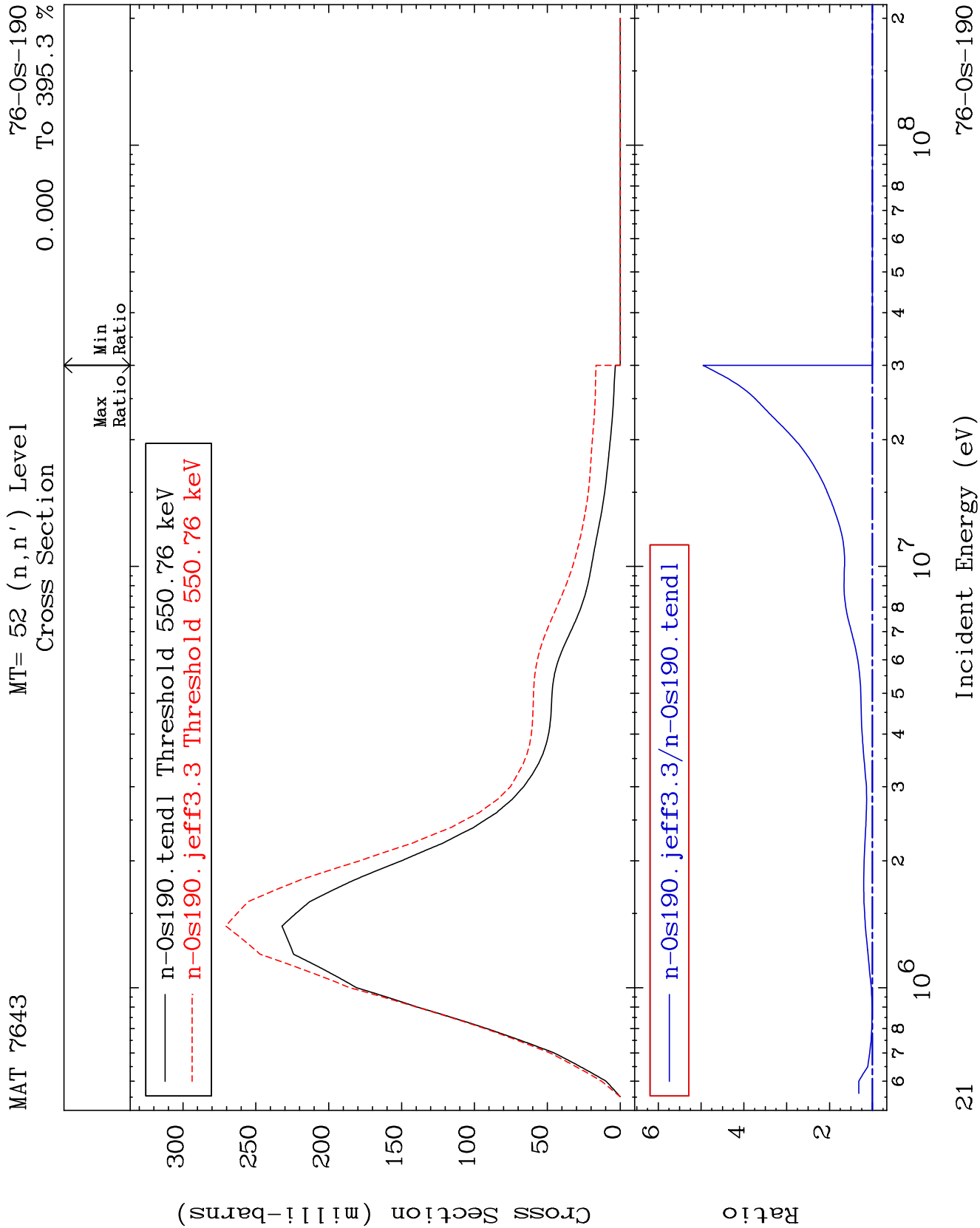
MAT 7643

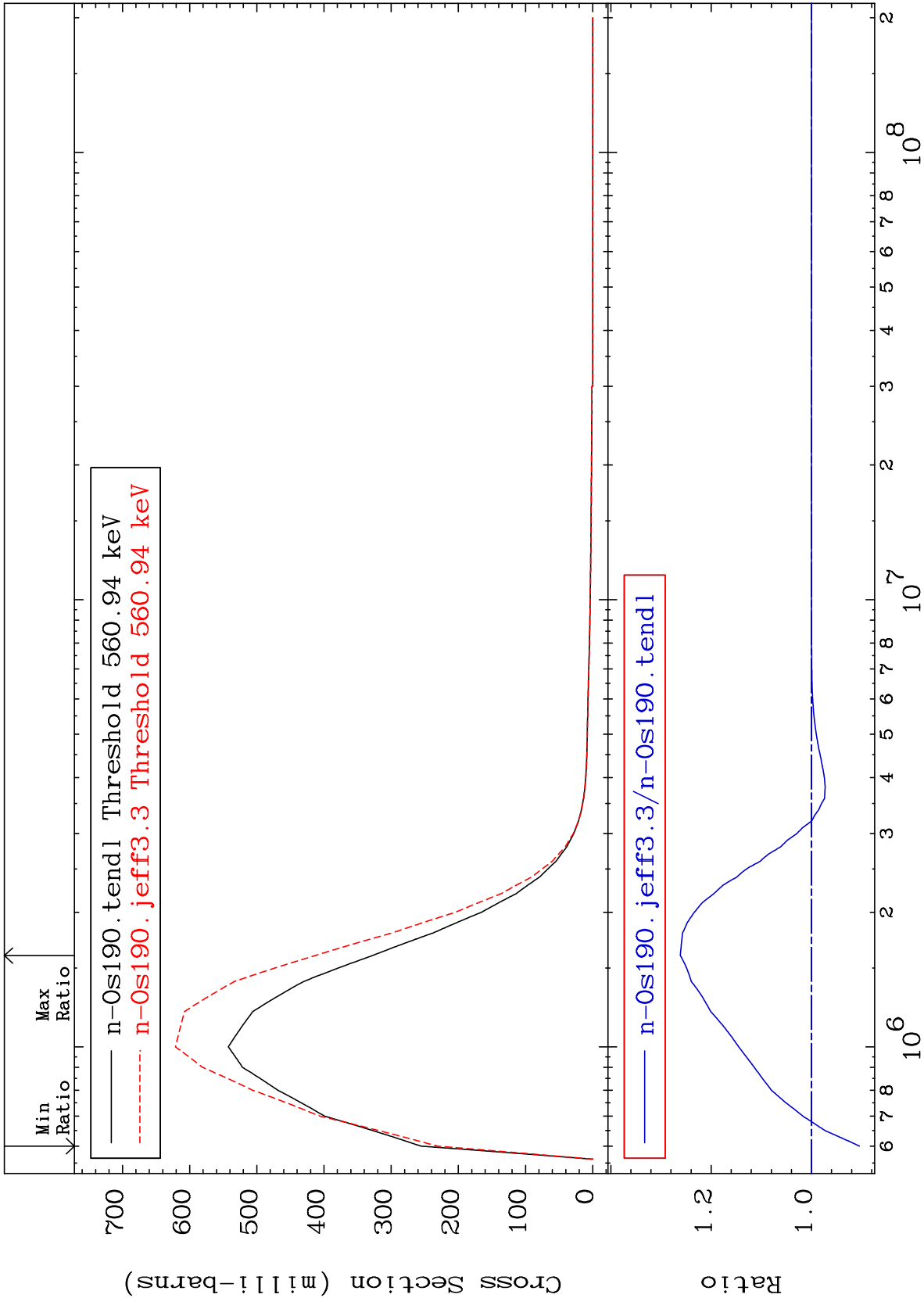
(n,n') p α
Cross Section

76-0s-190
To 9999. %









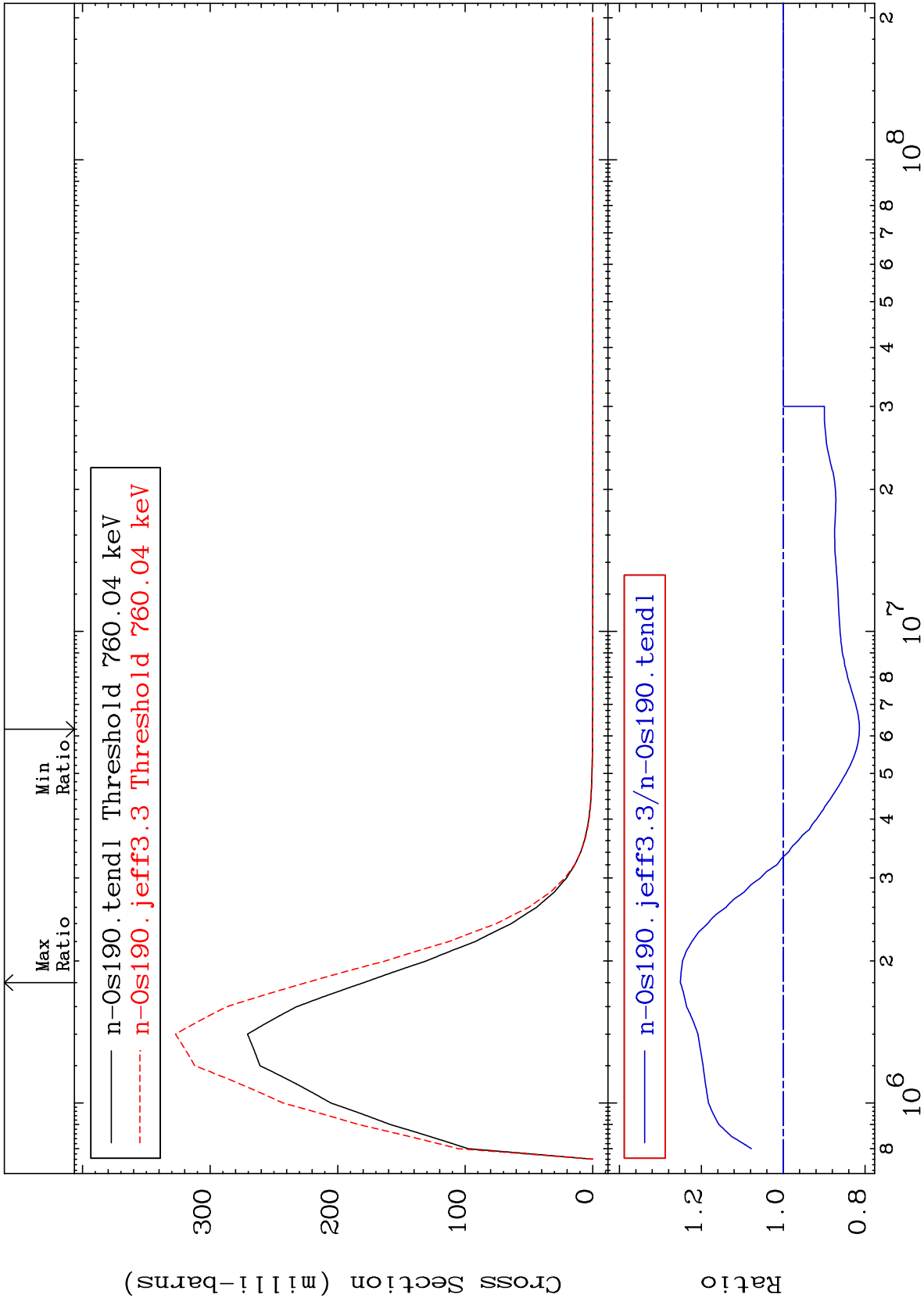
MAT 7643

MT= 54 (n,n') Level

⁷⁶Os-¹⁹⁰

Cross Section

-18.61 To 25.14 %



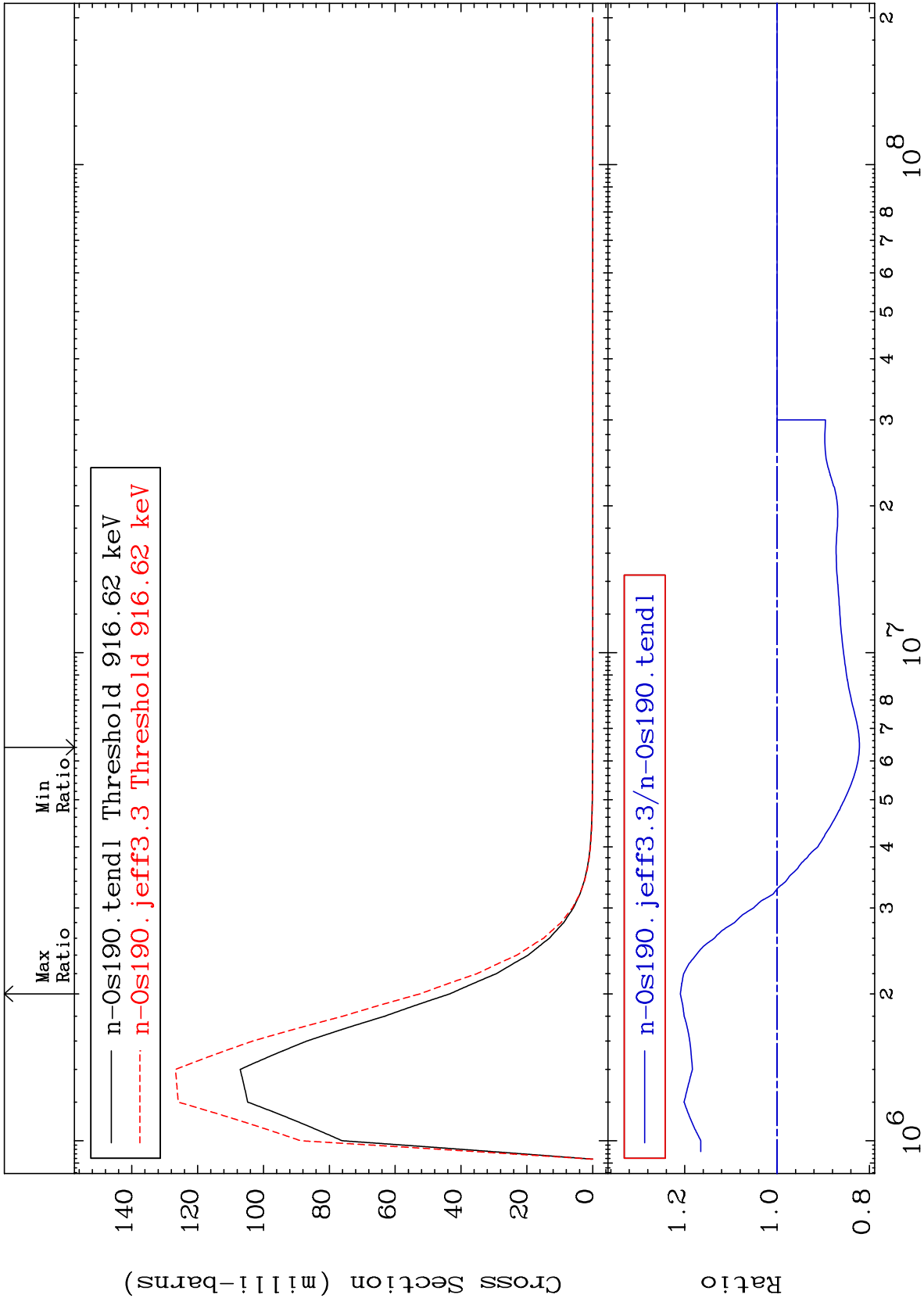
MAT 7643

MT= 55 (n,n') Level

⁷⁶Os-¹⁹⁰

Cross Section

-17.83 To 20.95 %



24

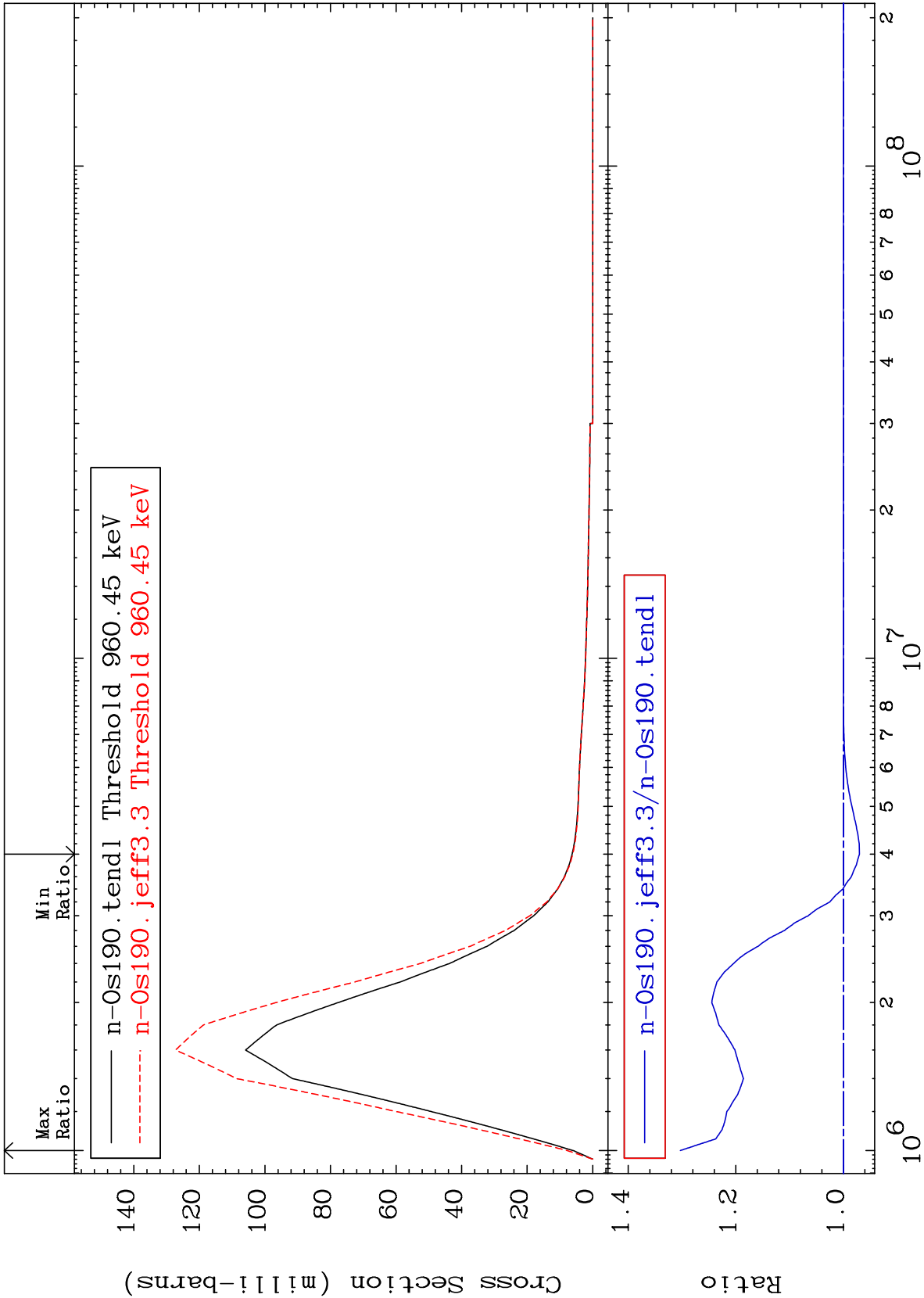
Incident Energy (eV)

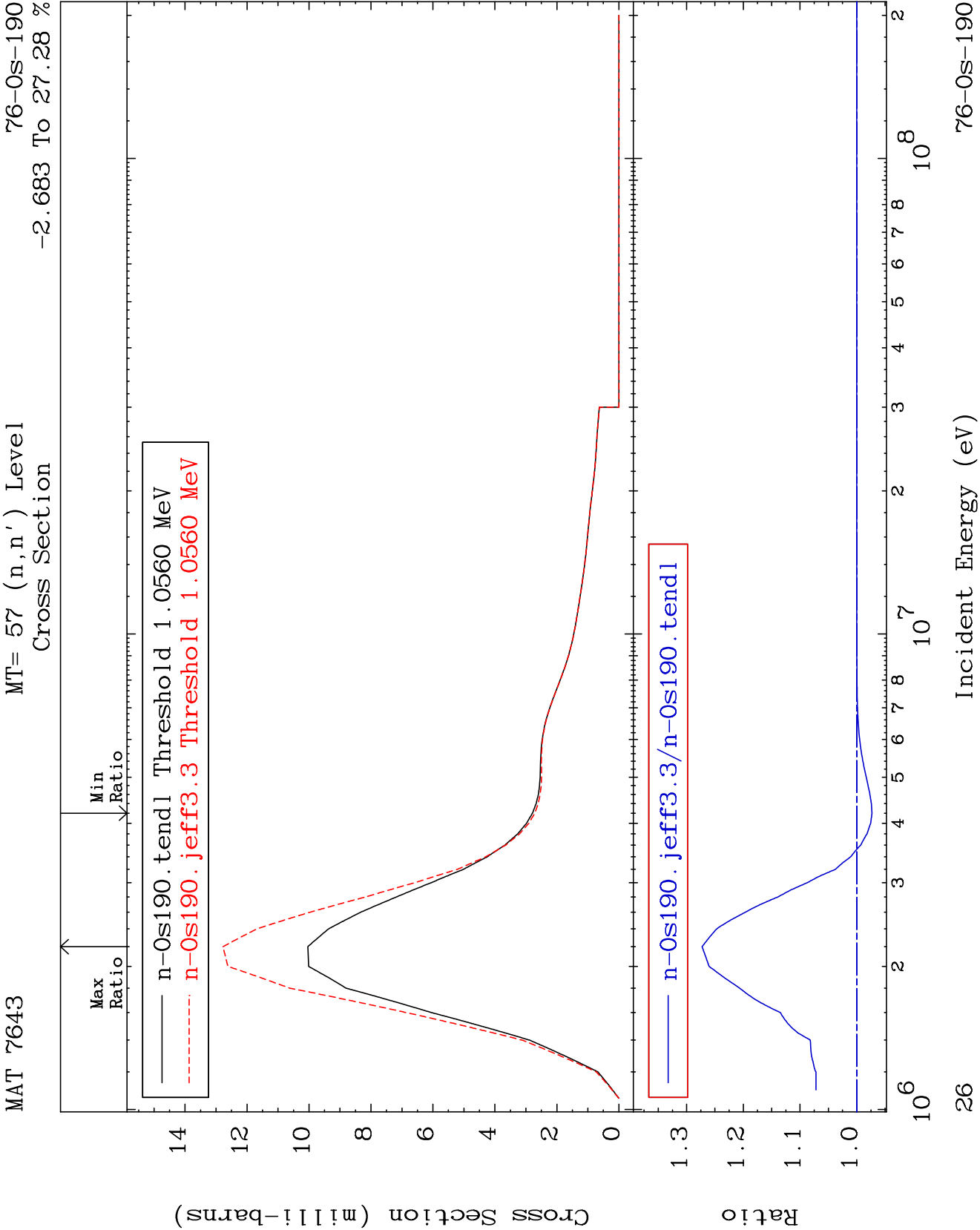
⁷⁶Os-¹⁹⁰

MAT 7643

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

⁷⁶Os-190
-2.996 To 30.31 %

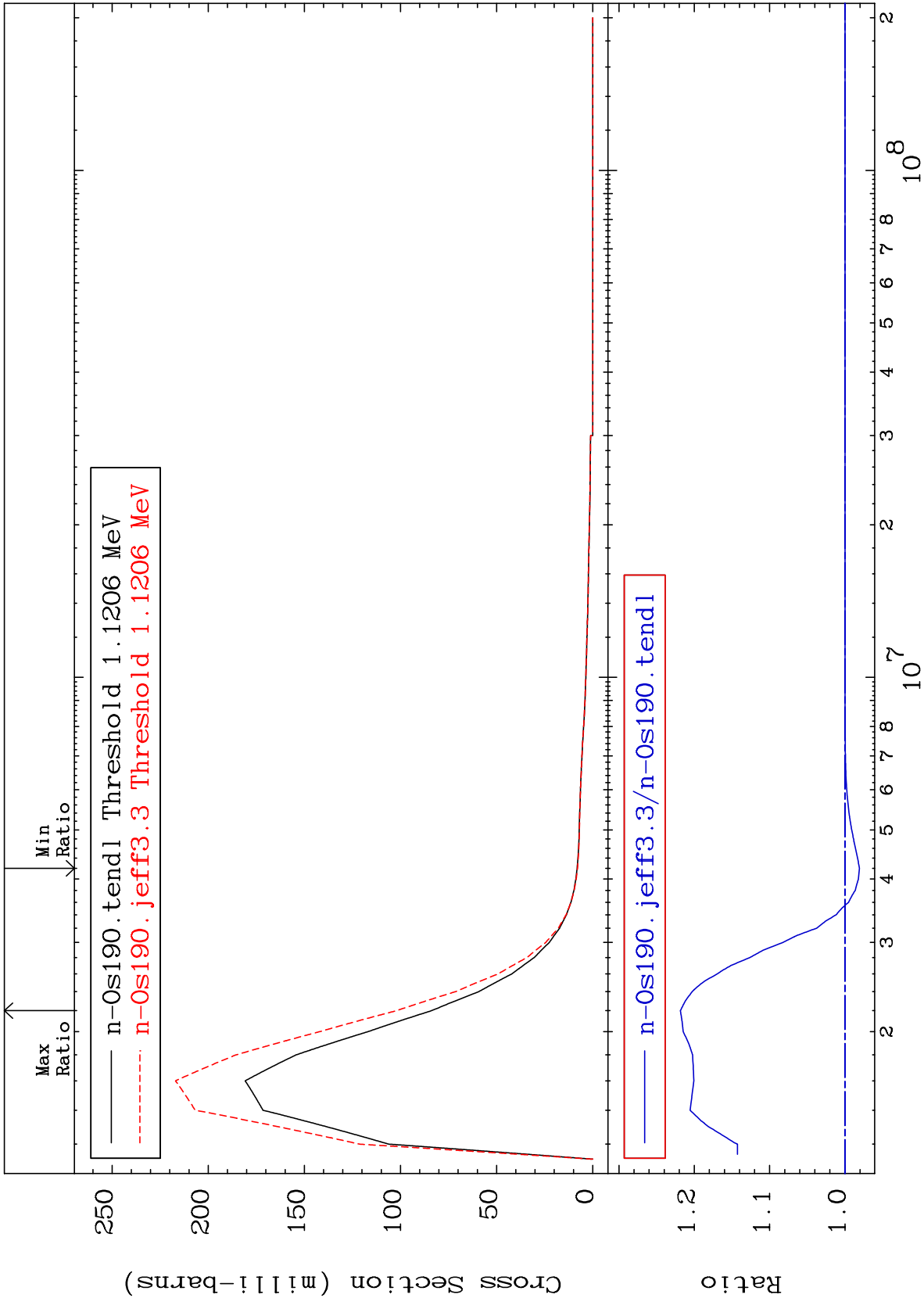




MAT 7643

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

⁷⁶Os-¹⁹⁰
-1.919 To 21.85 %



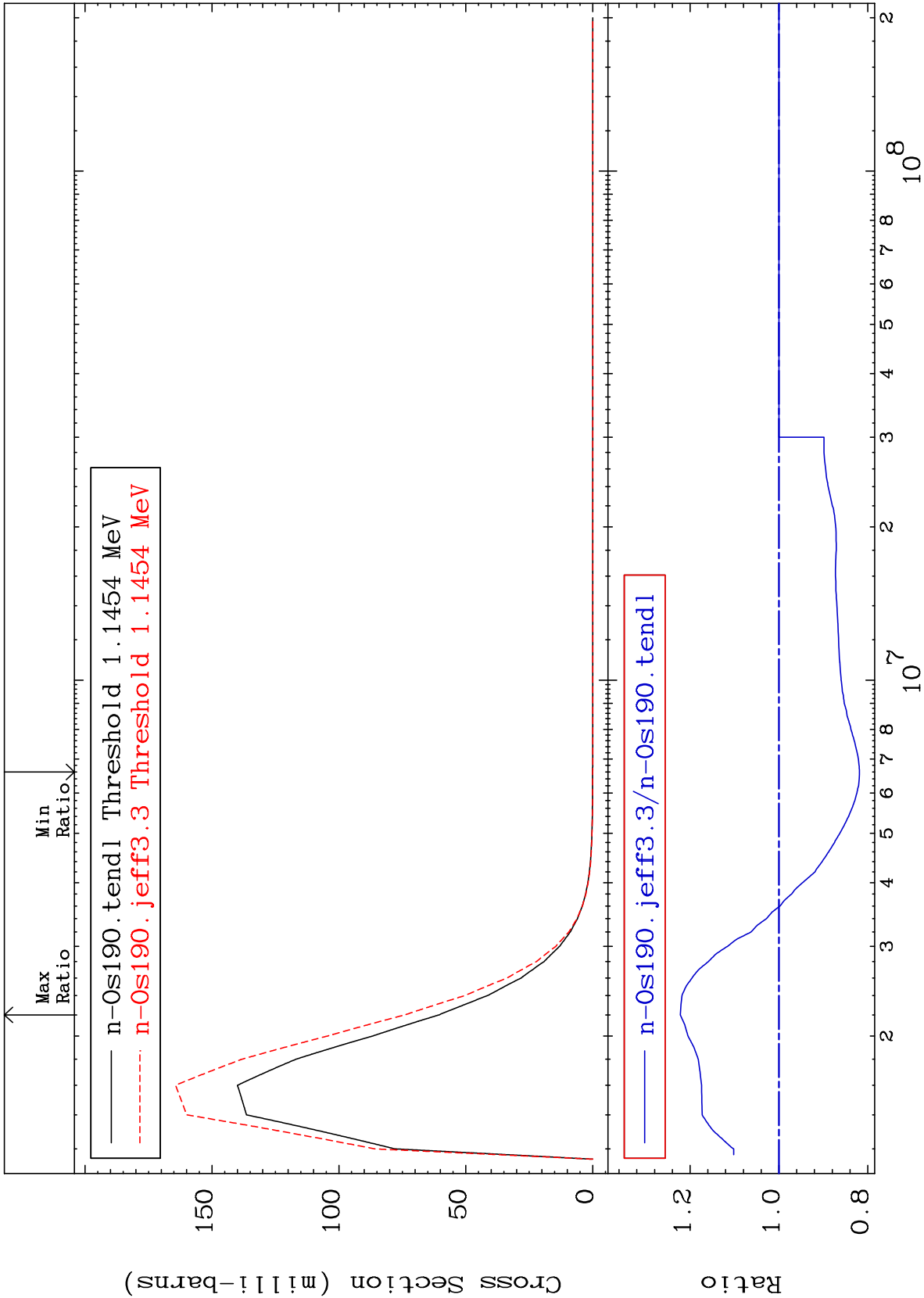
MAT 7643

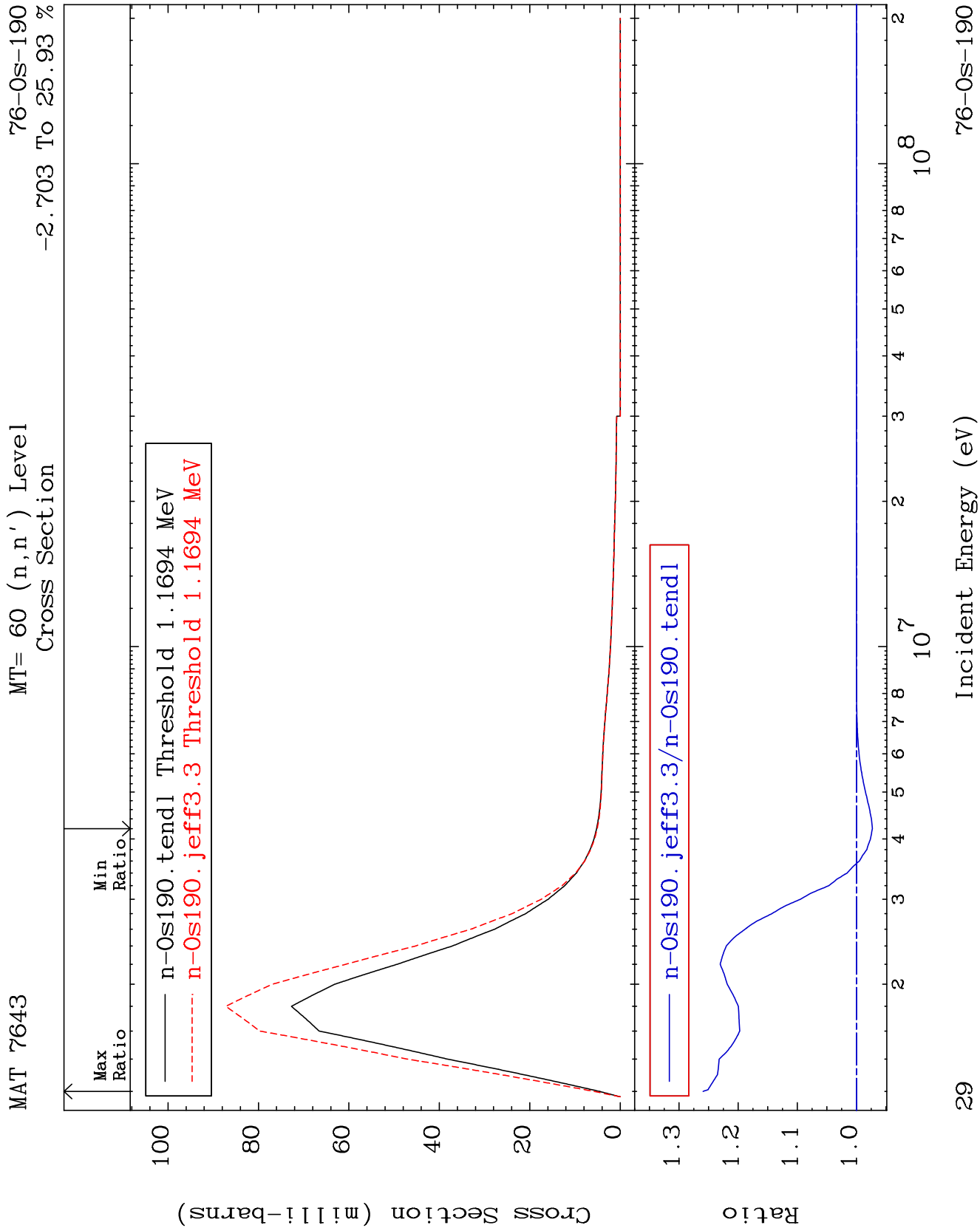
MT= 59 (n,n') Level

⁷⁶Os-¹⁹⁰

Cross Section

-18.12 To 22.19 %

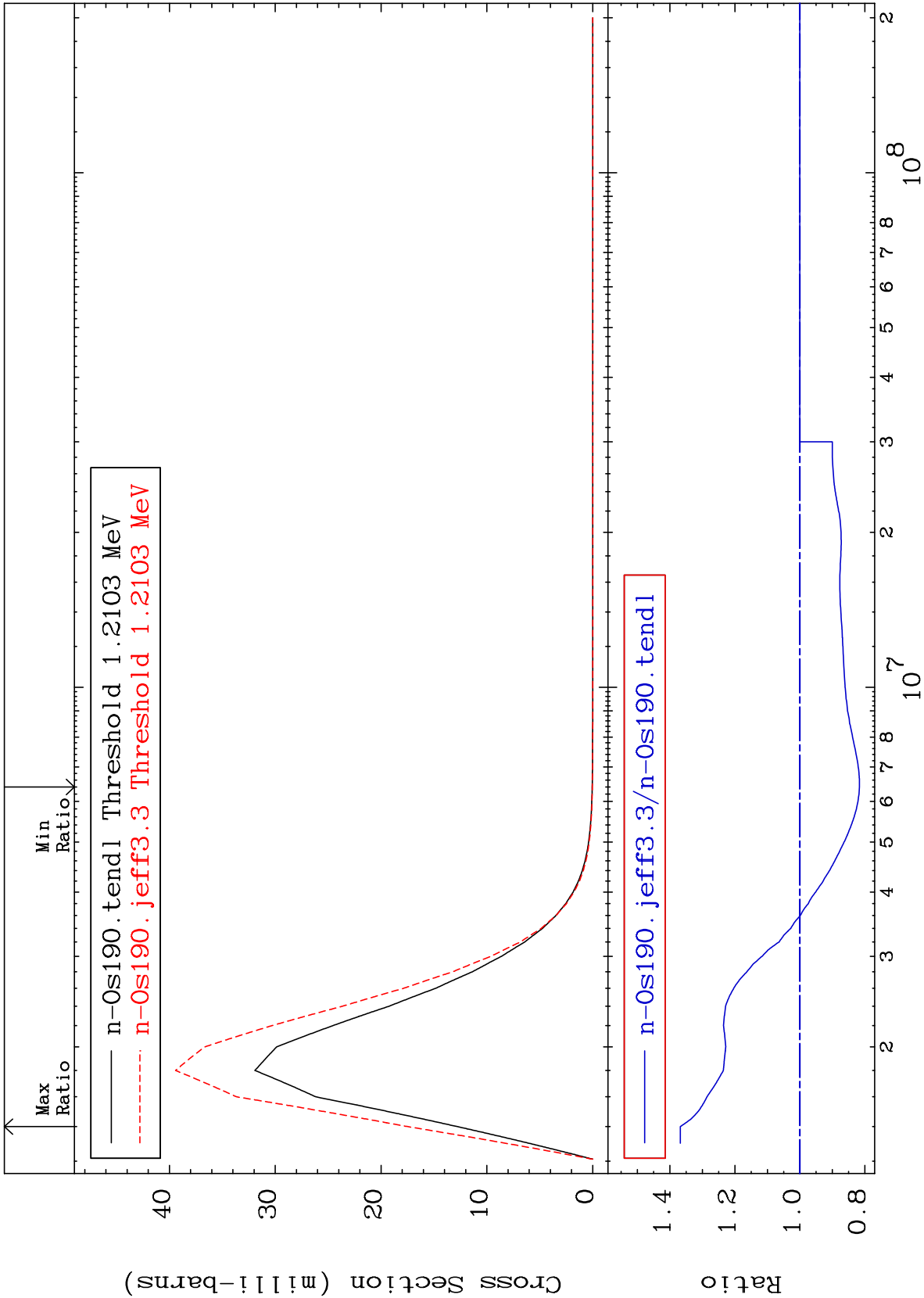




MAT 7643

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

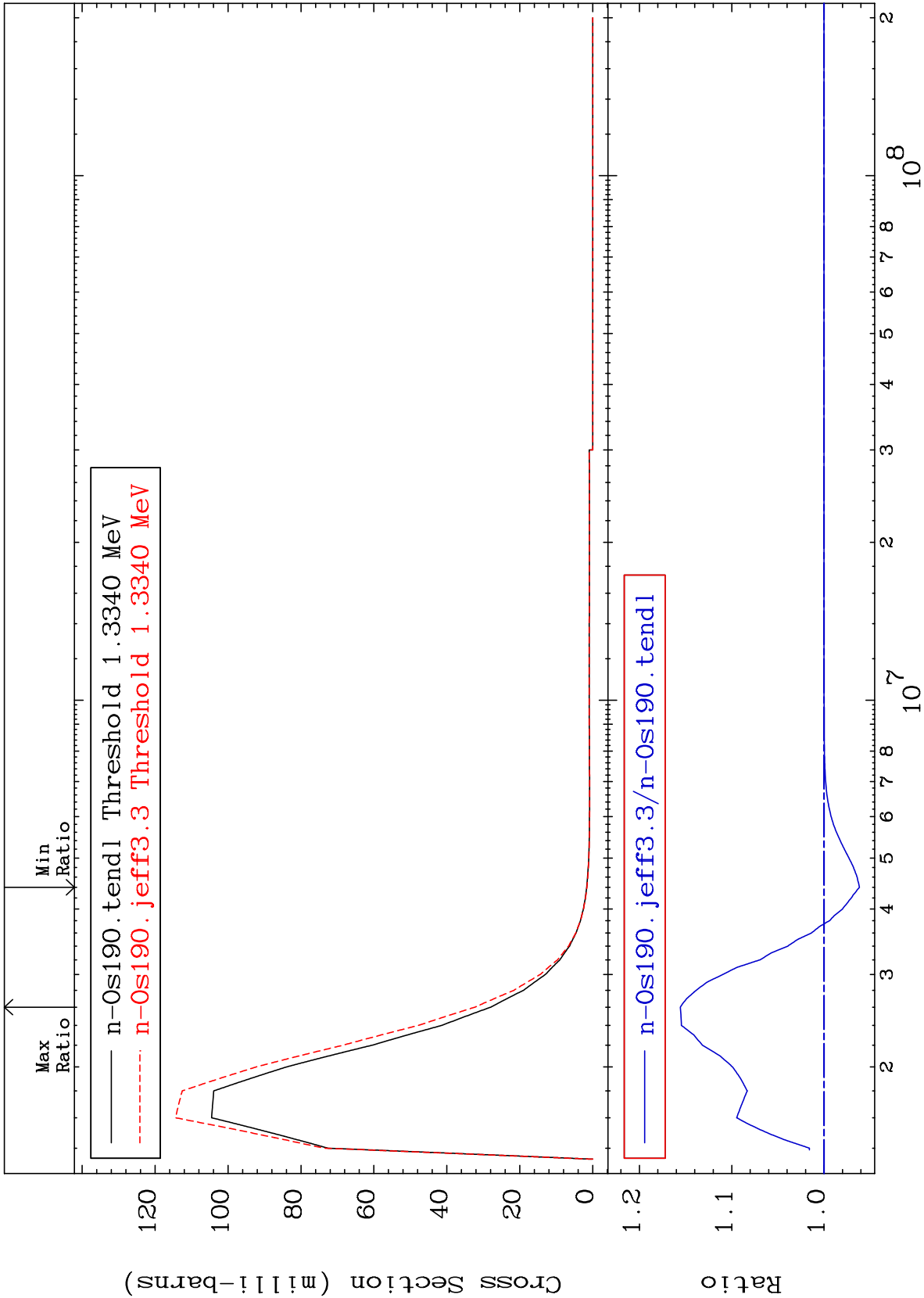
76-0s-190
-18.31 To 36.76 %

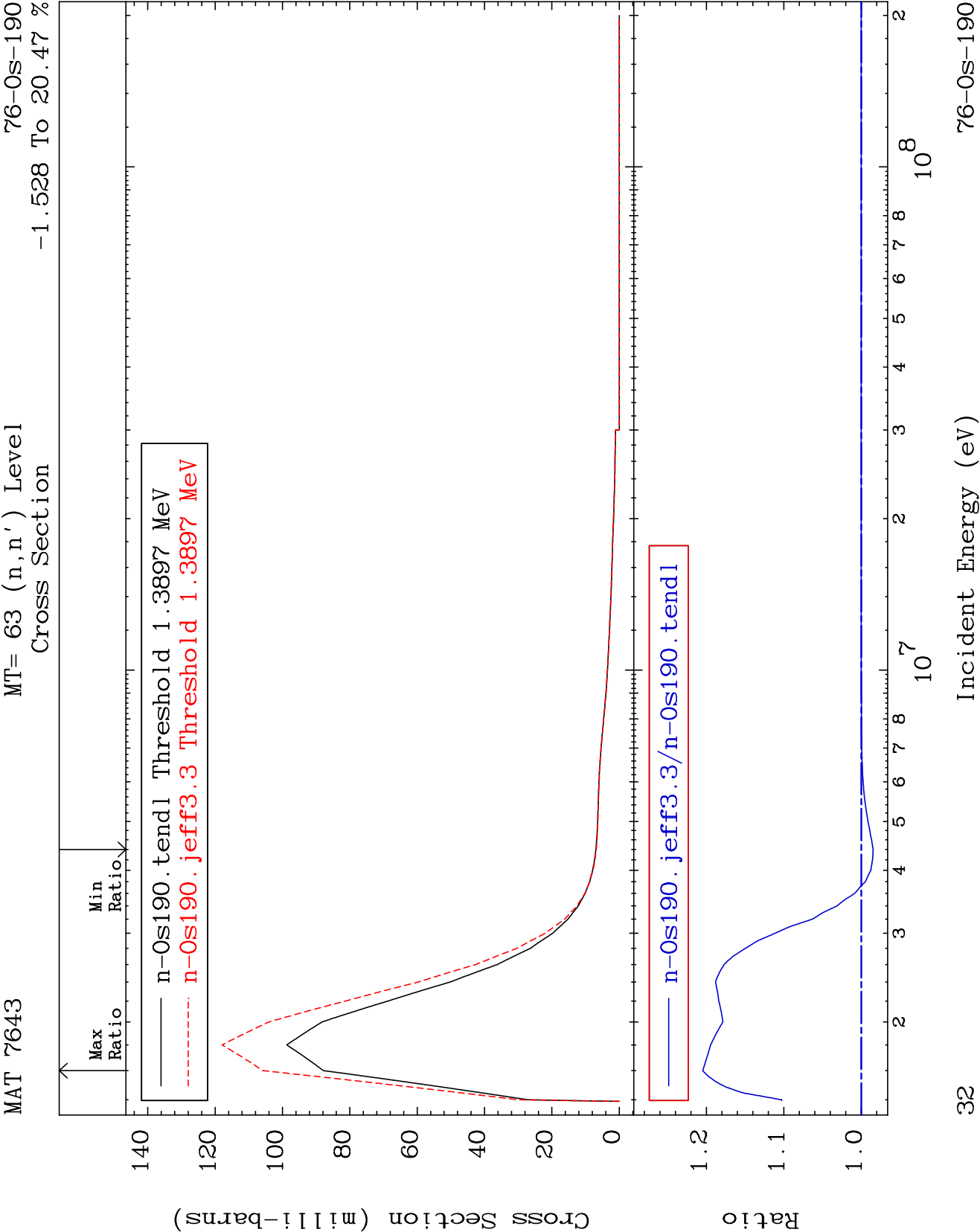


30

Incident Energy (eV)

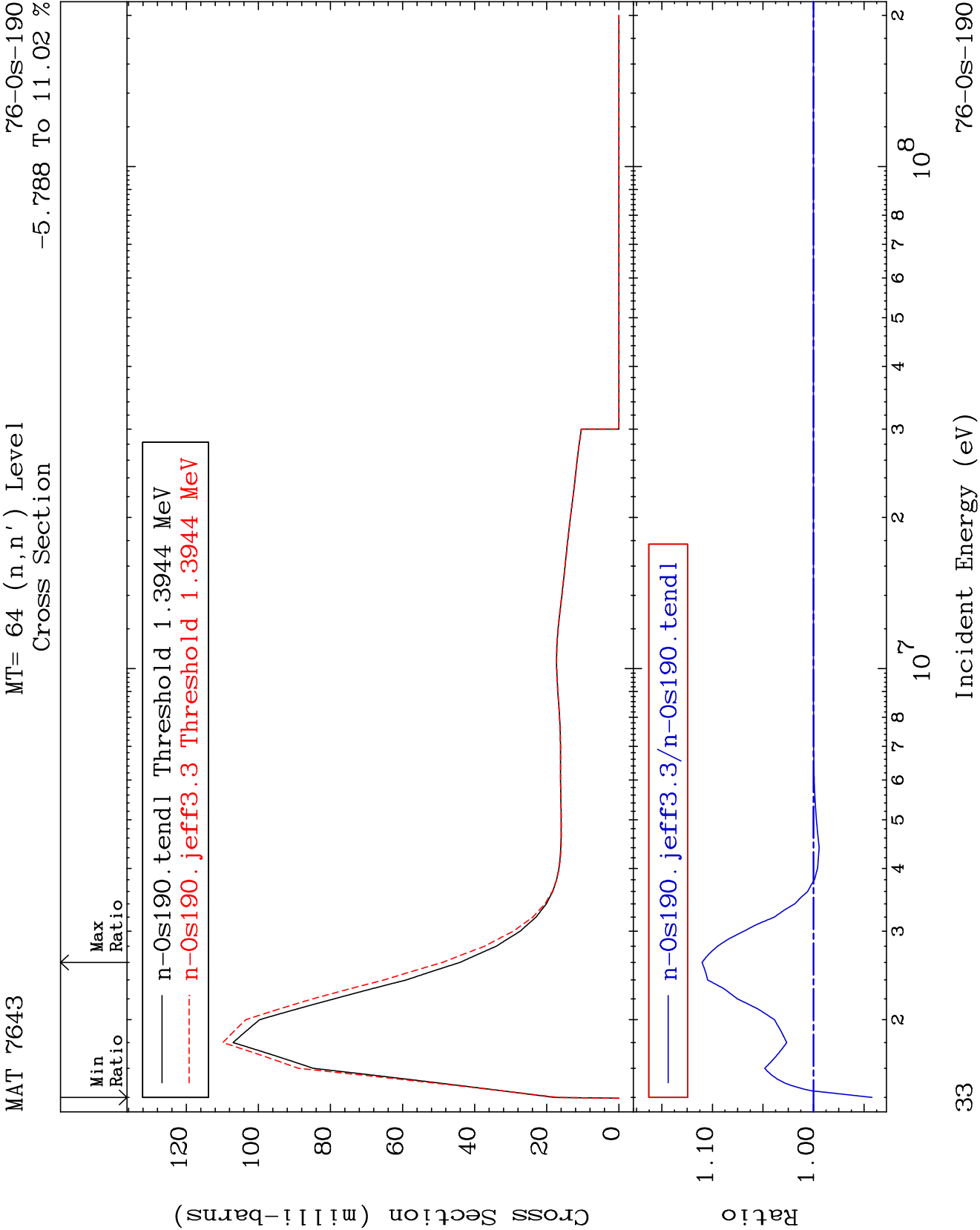
76-0s-190





32

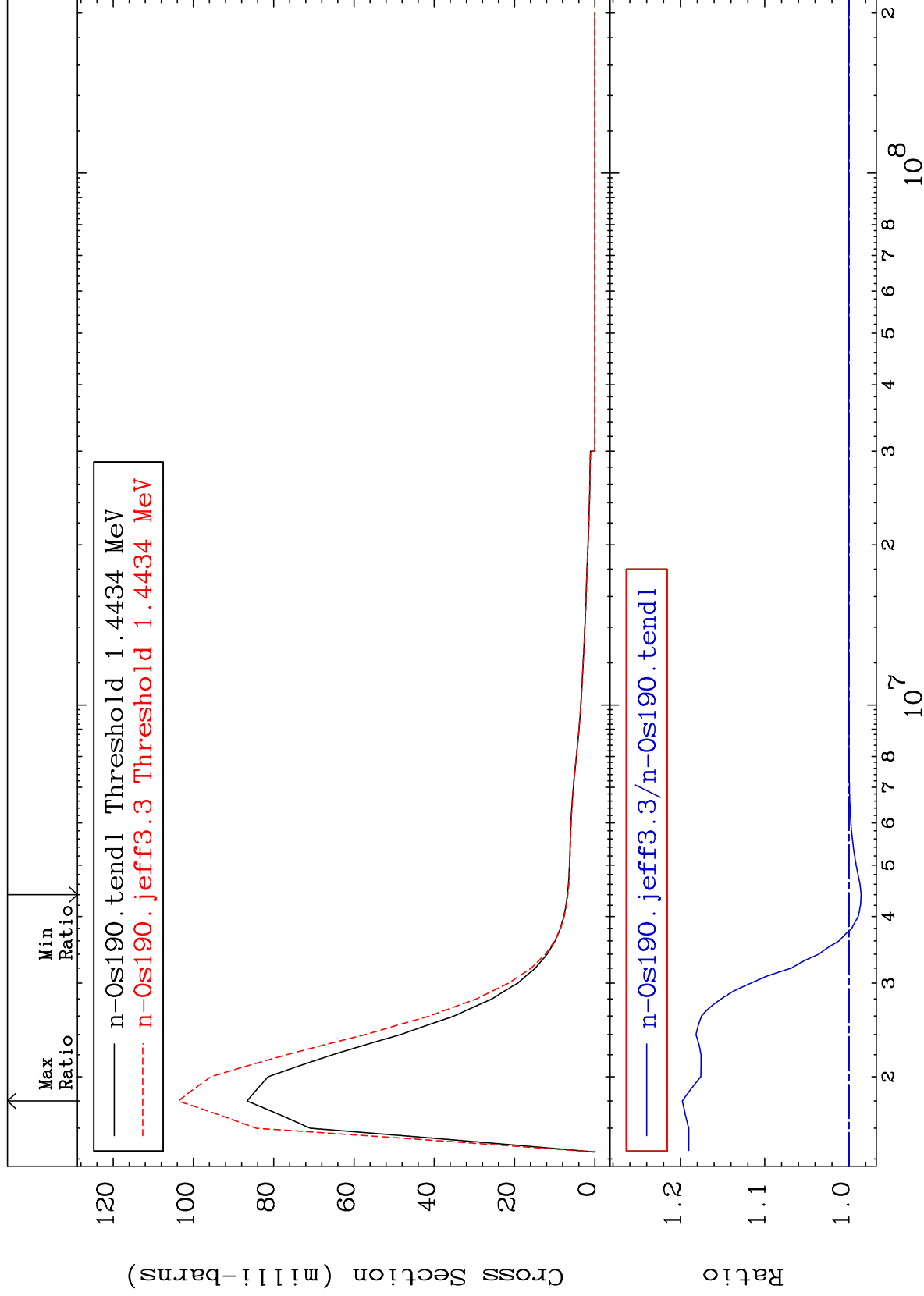
76-0s-190



MAT 7643

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

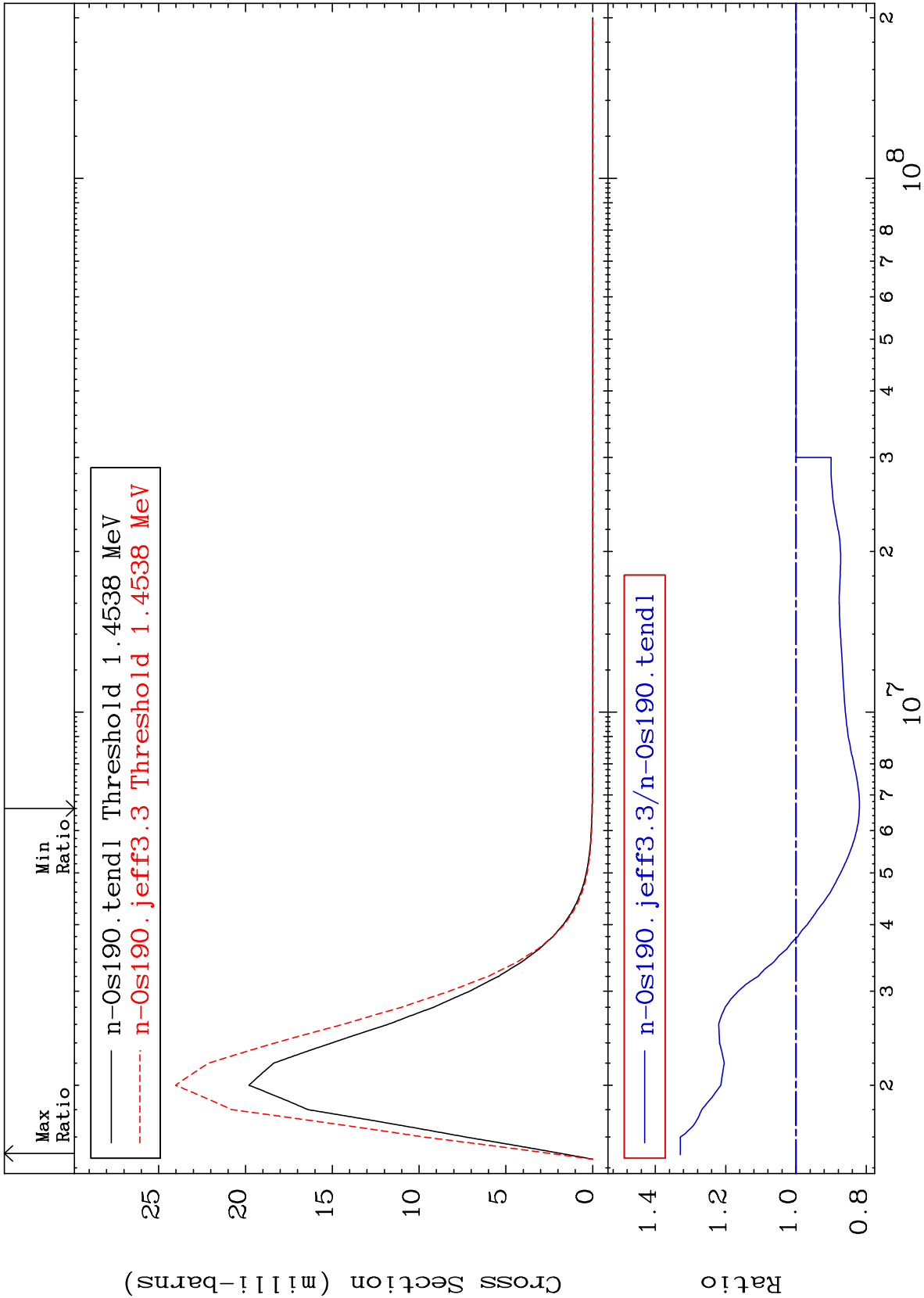
76-0s-190
-1.446 To 19.76 %



MAT 7643

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

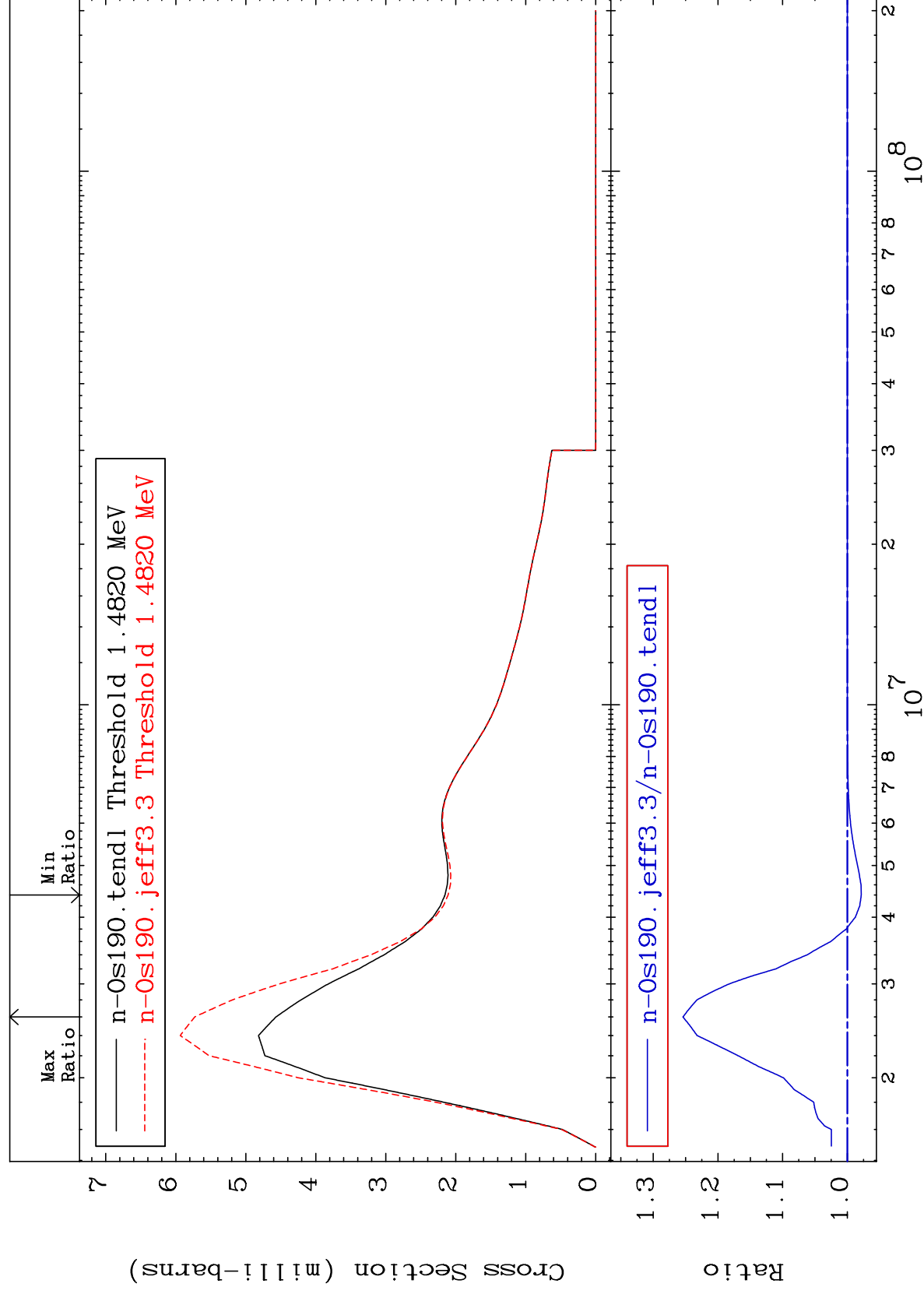
76-0s-190
-18.02 To 32.88 %



MAT 7643

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

76-0s-190
-2.145 To 25.40 %



36

Incident Energy (eV)

76-05-190

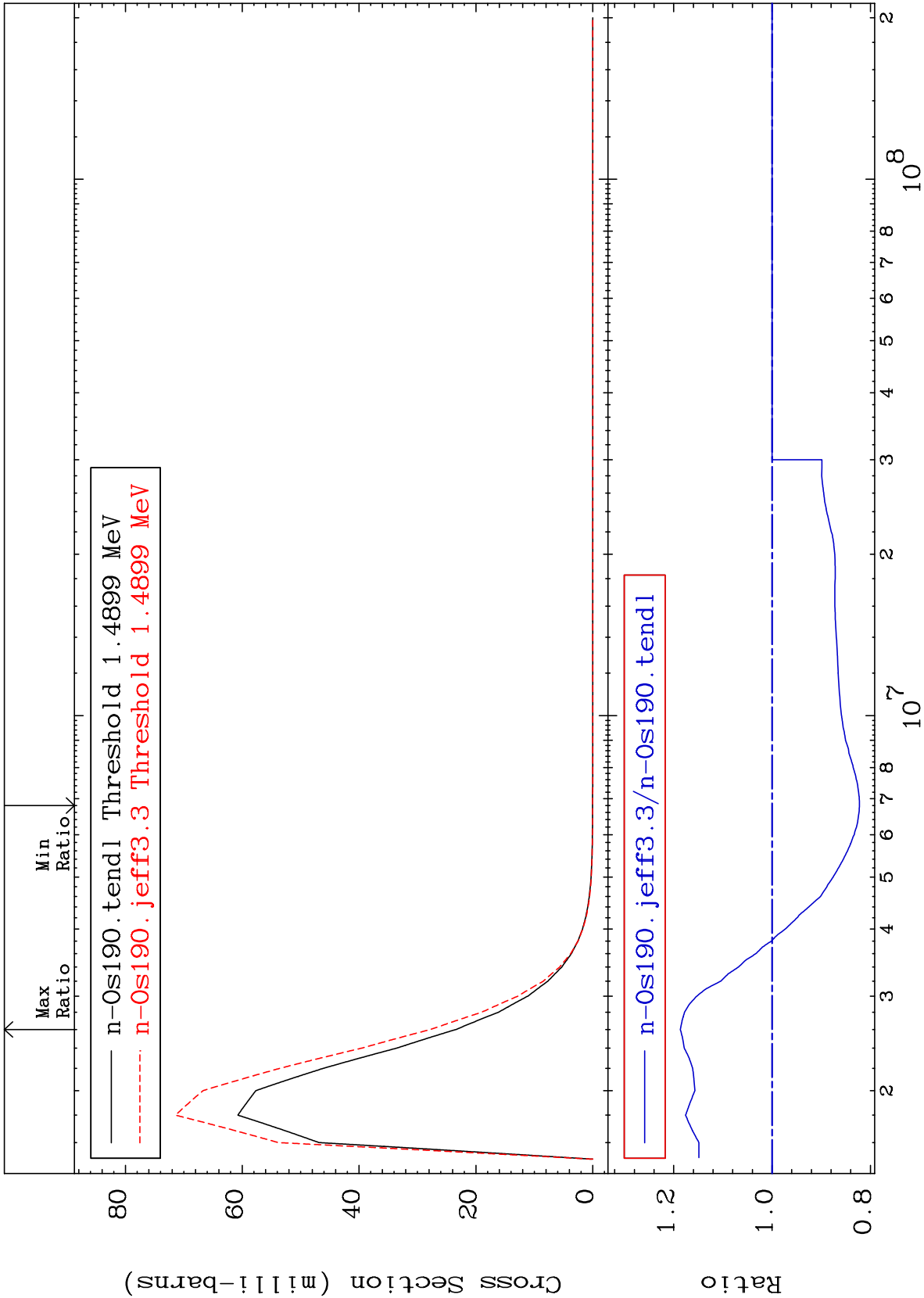
MAT 7643

MT= 68 (n,n') Level

⁷⁶Os-¹⁹⁰

Cross Section

-17.77 To 18.64 %



37

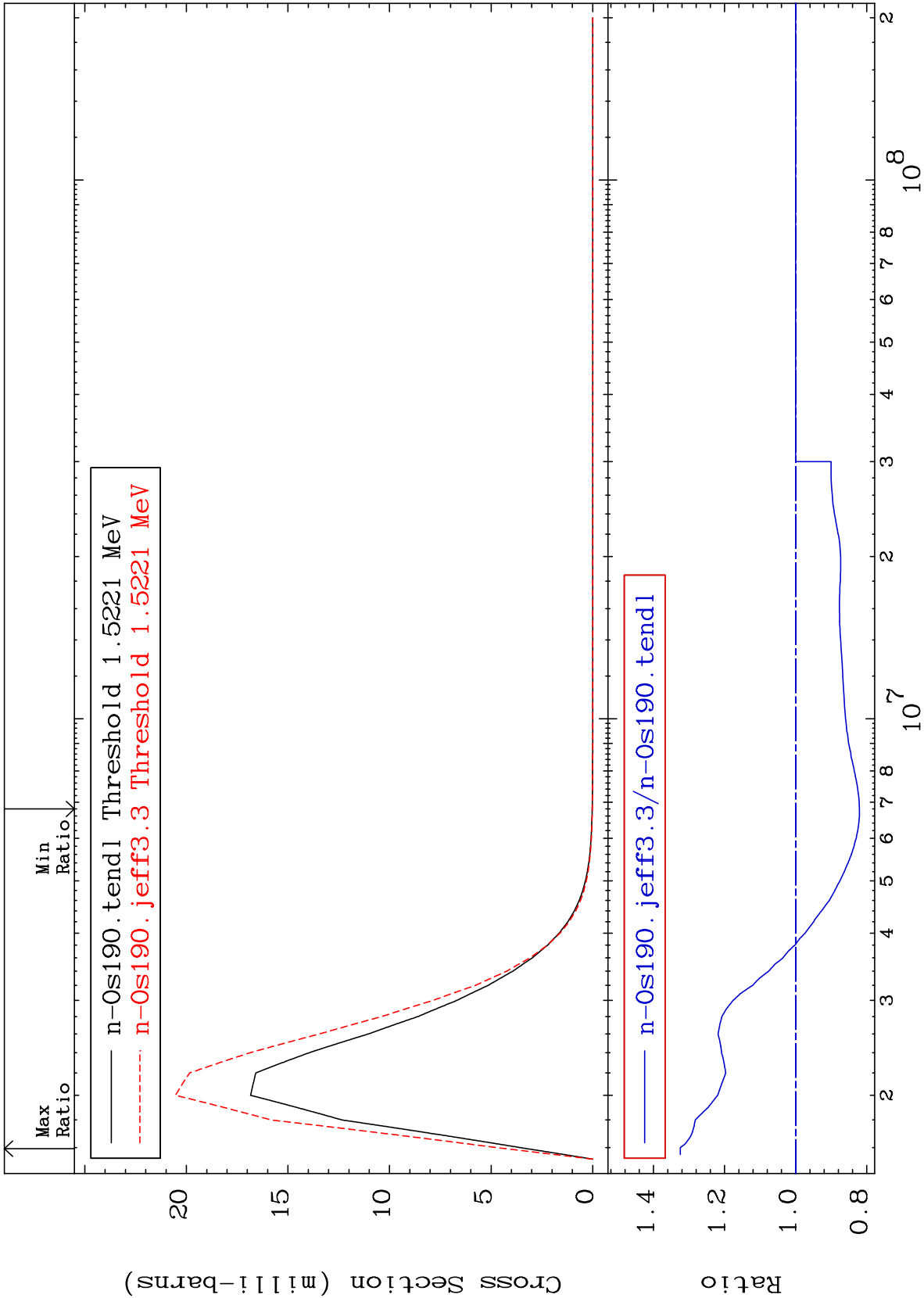
Incident Energy (eV)

⁷⁶Os-¹⁹⁰

MAT 7643

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

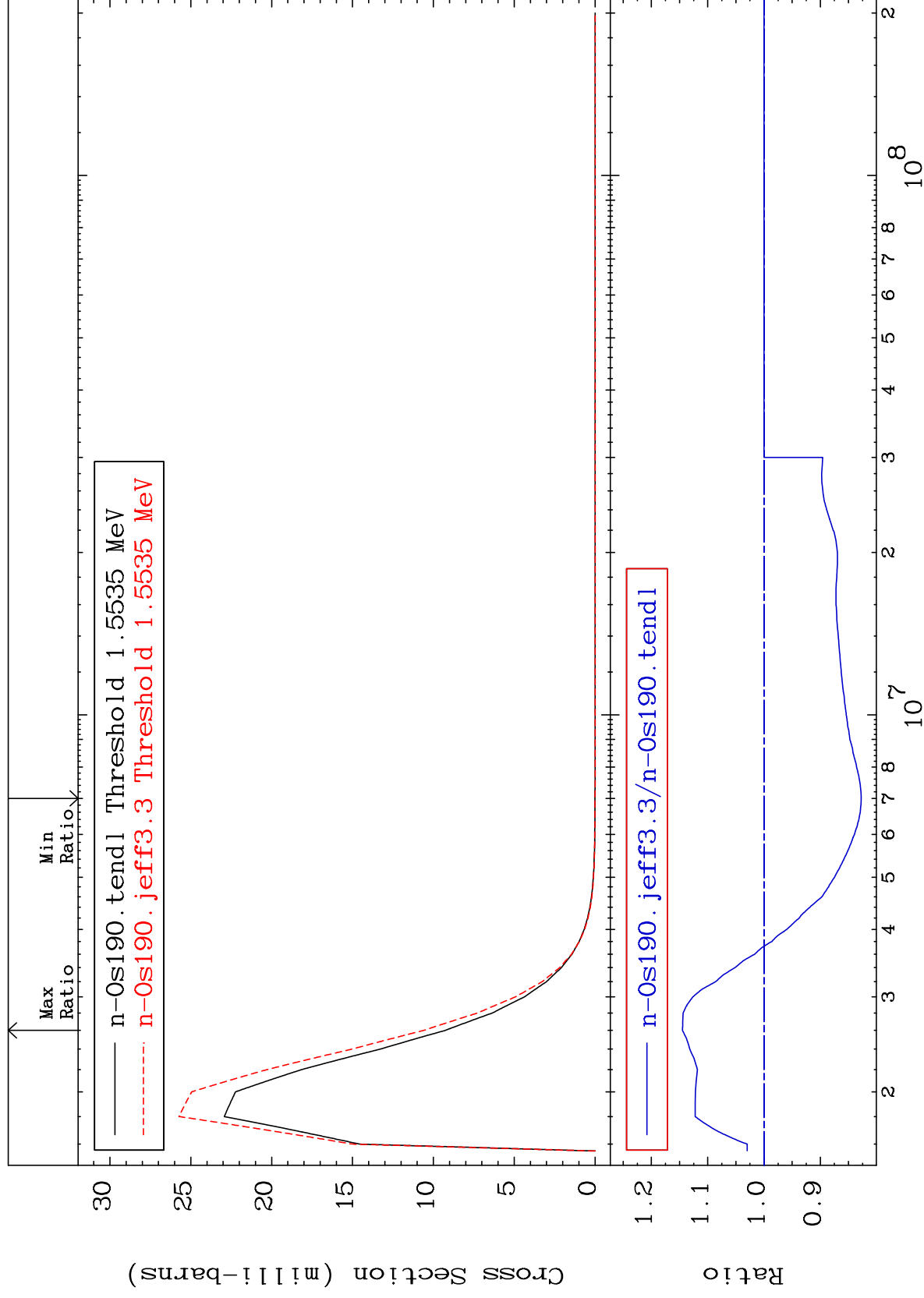
76-0s-190
-17.92 To 32.44 %



MAT 7643

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

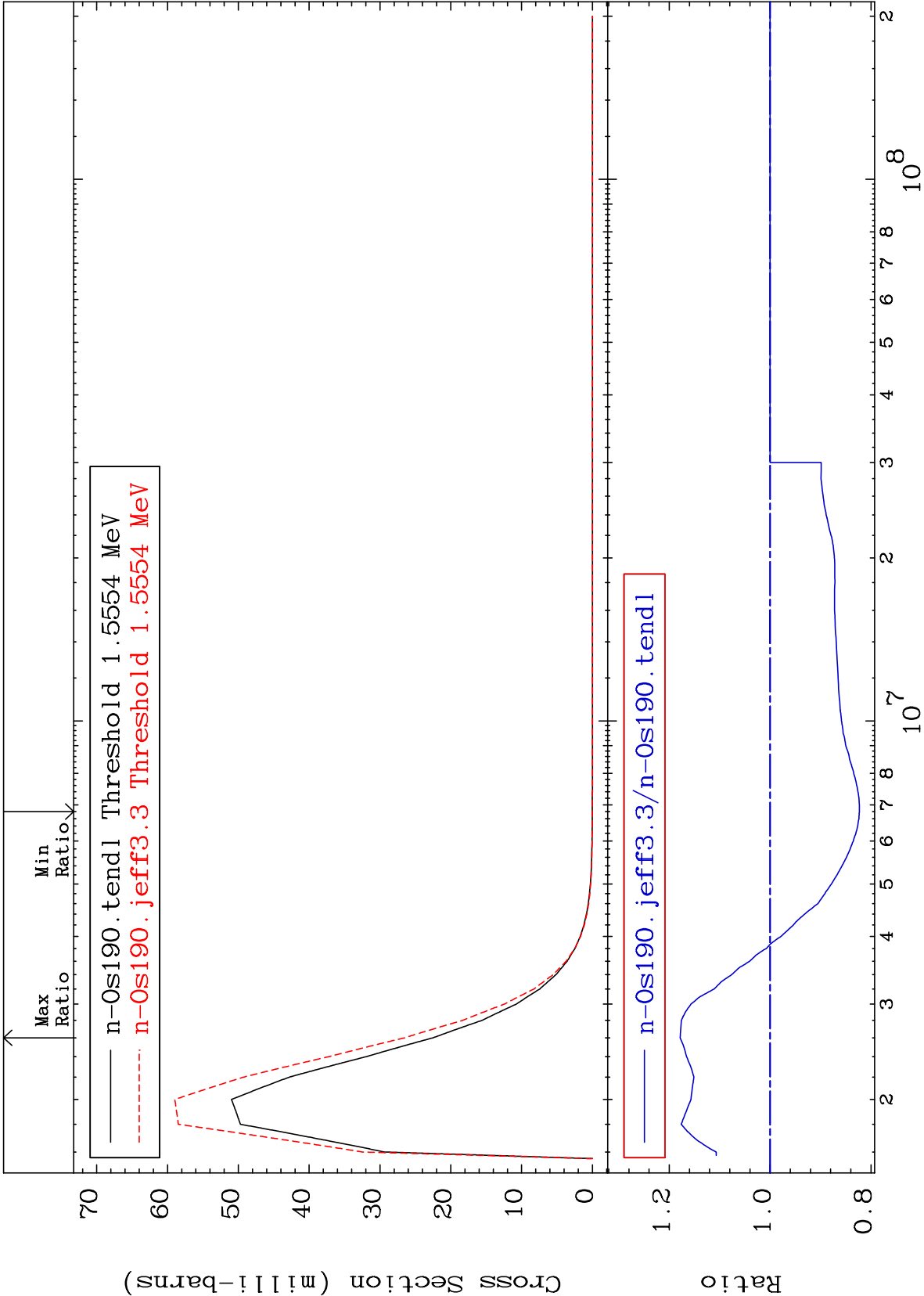
76-0s-190
-17.26 To 14.47 %



MAT 7643

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

76-0s-190
-17.70 To 17.84 %



40

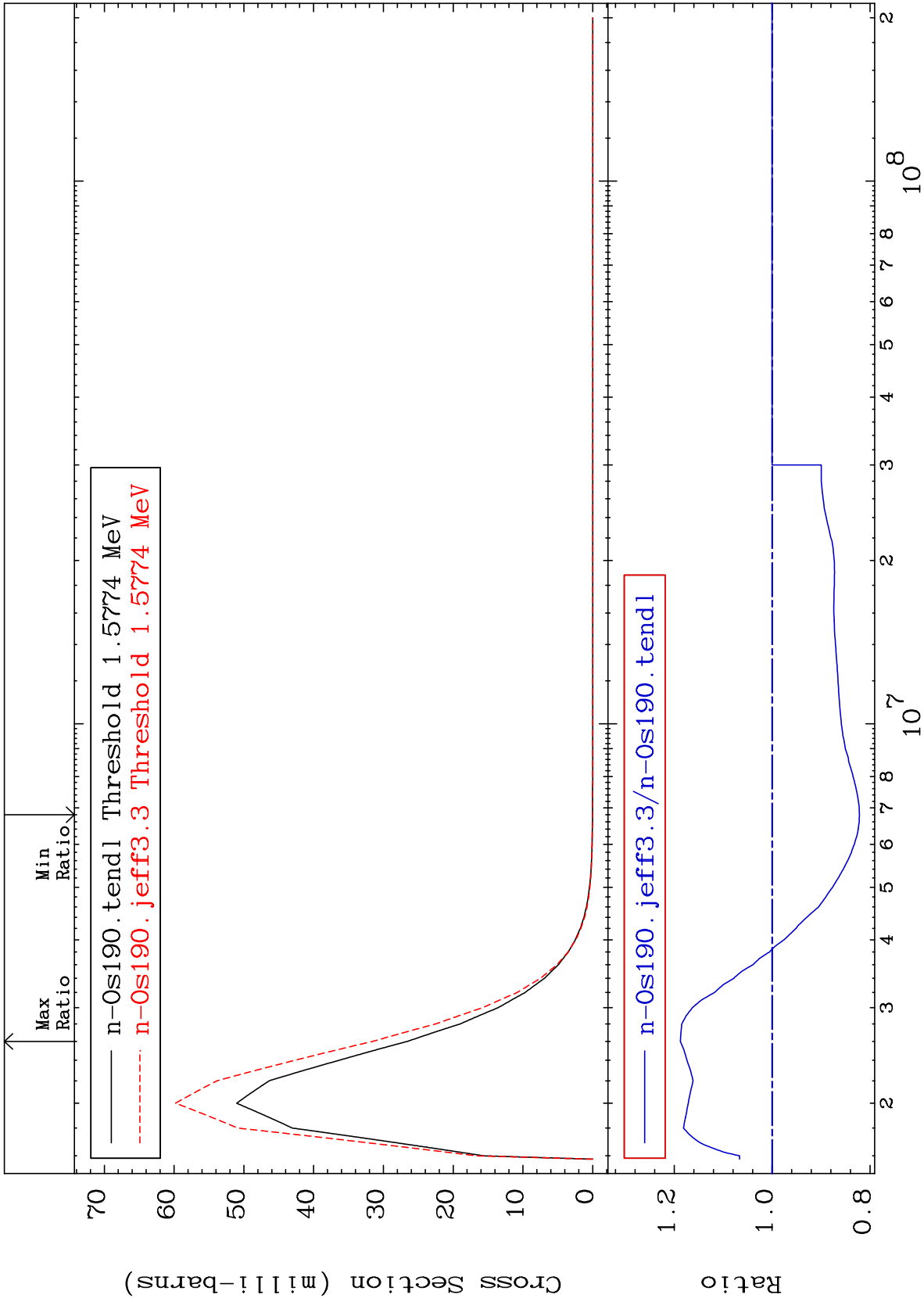
Incident Energy (eV)

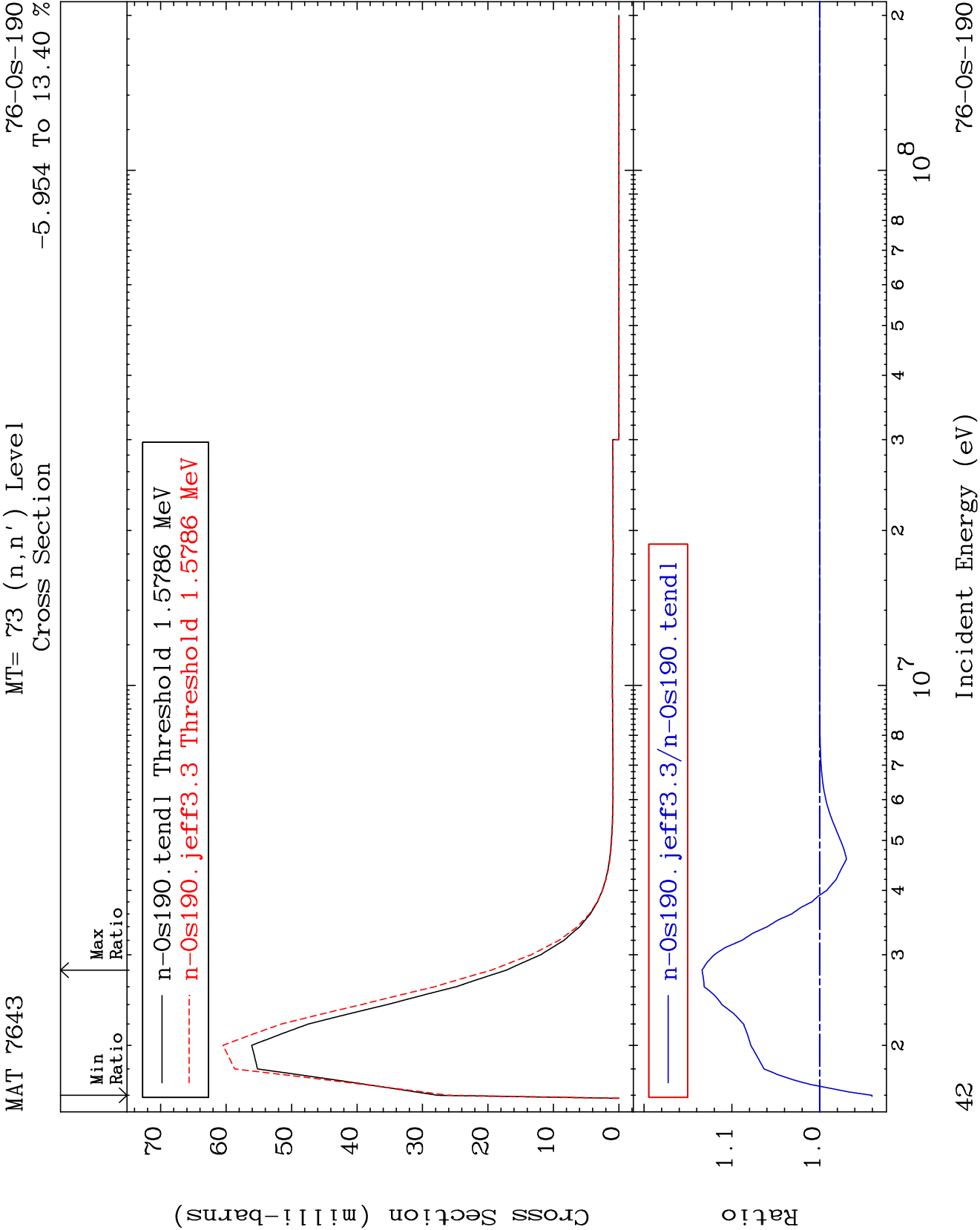
76-0s-190

MAT 7643

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

76-0s-190
-17.82 To 18.75 %





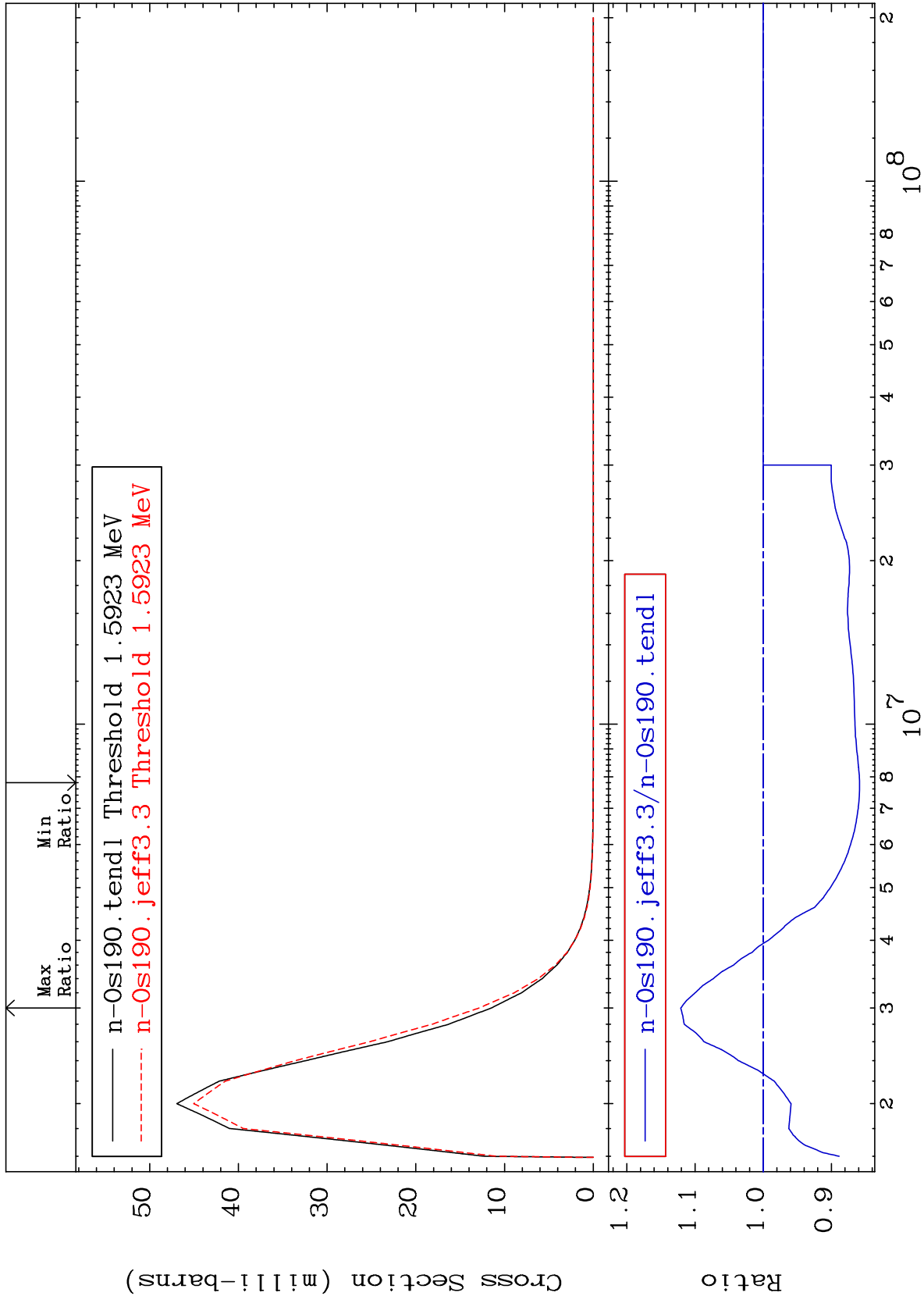
MAT 7643

MT= 74 (n,n') Level

⁷⁶Os-¹⁹⁰

Cross Section

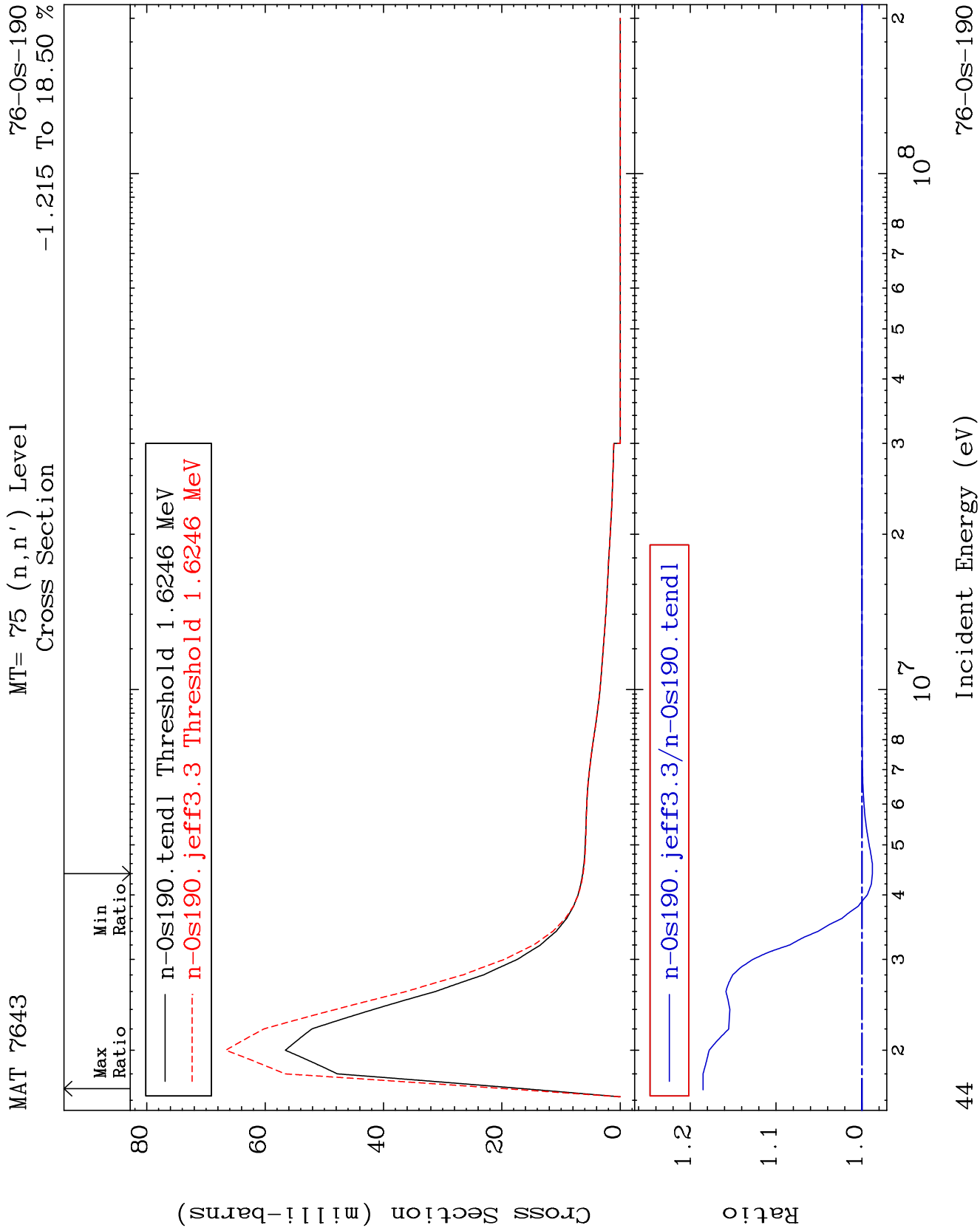
-14.13 To 12.09 %

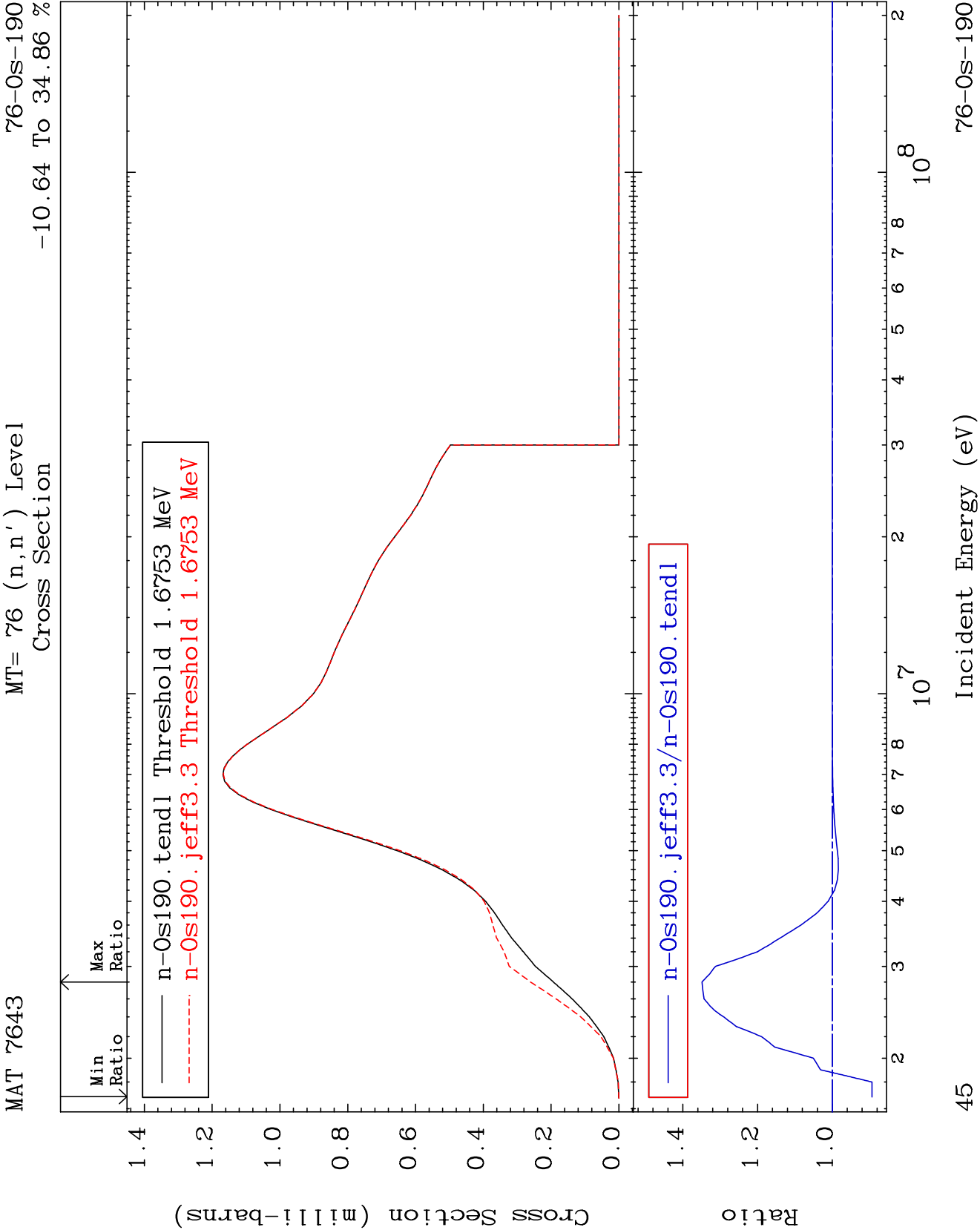


43

Incident Energy (eV)

⁷⁶Os-¹⁹⁰

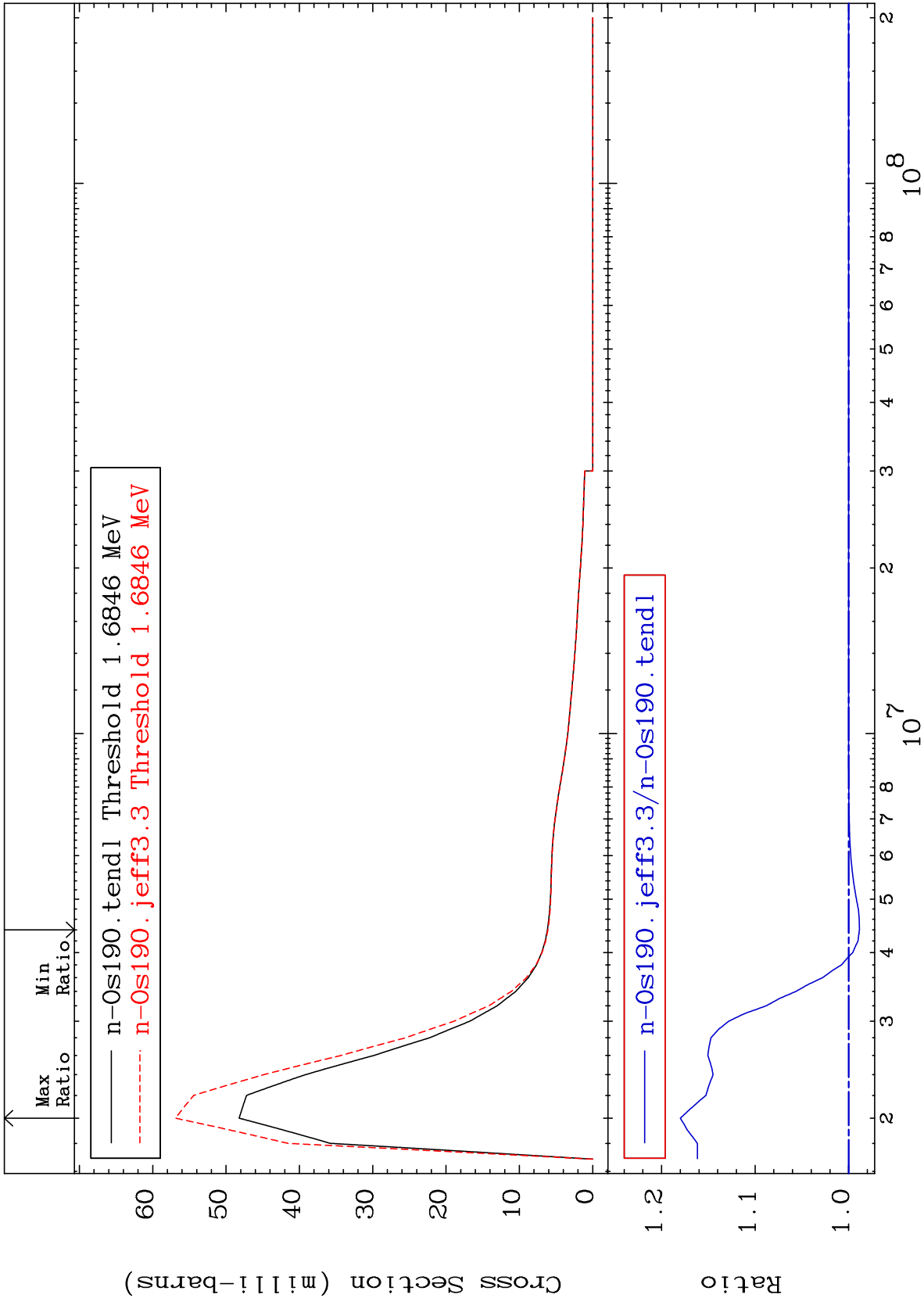




MAT 7643

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

76-0s-190
-1.154 To 17.99 %



46

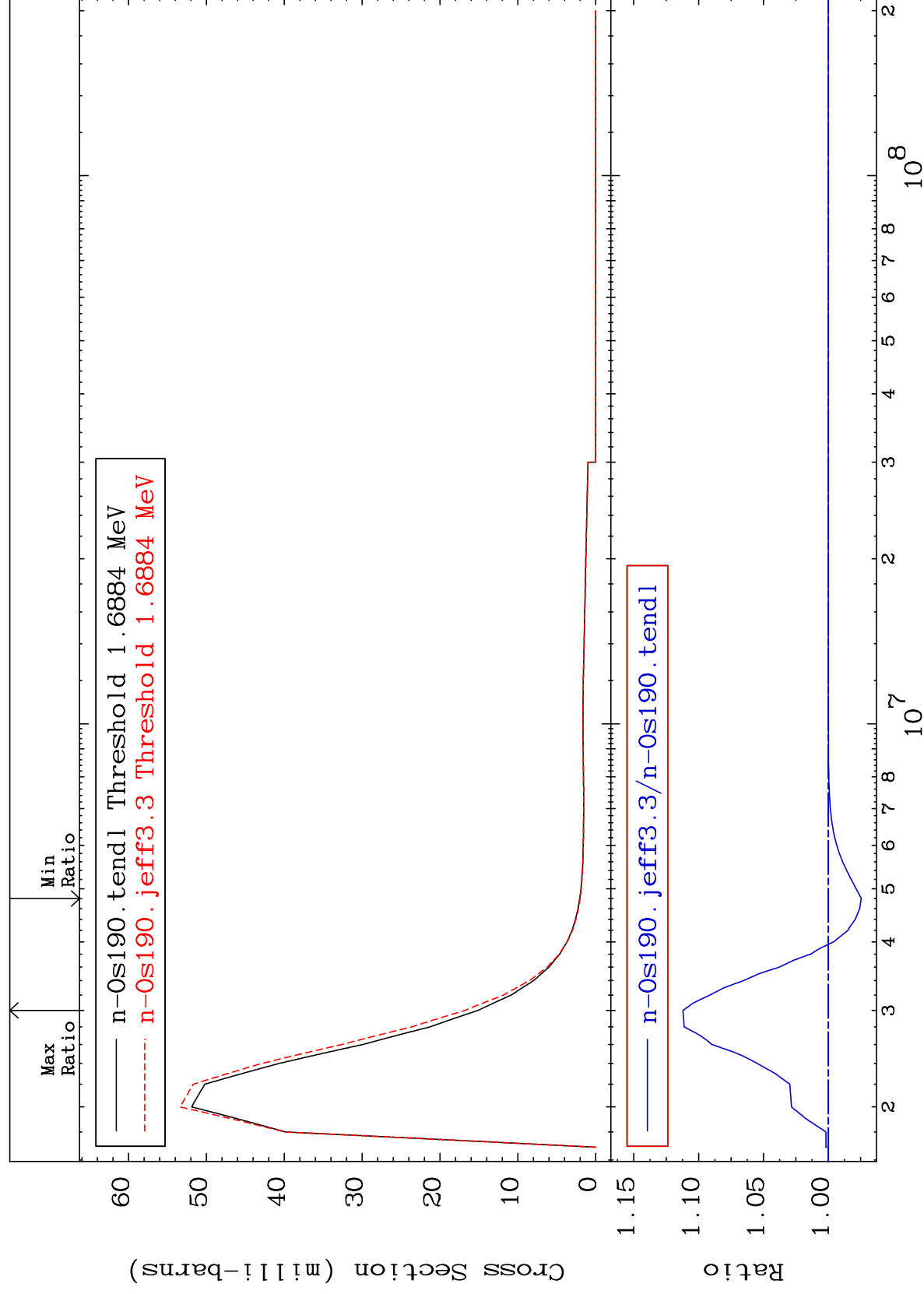
Incident Energy (eV)

76-0s-190

MAT 7643

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

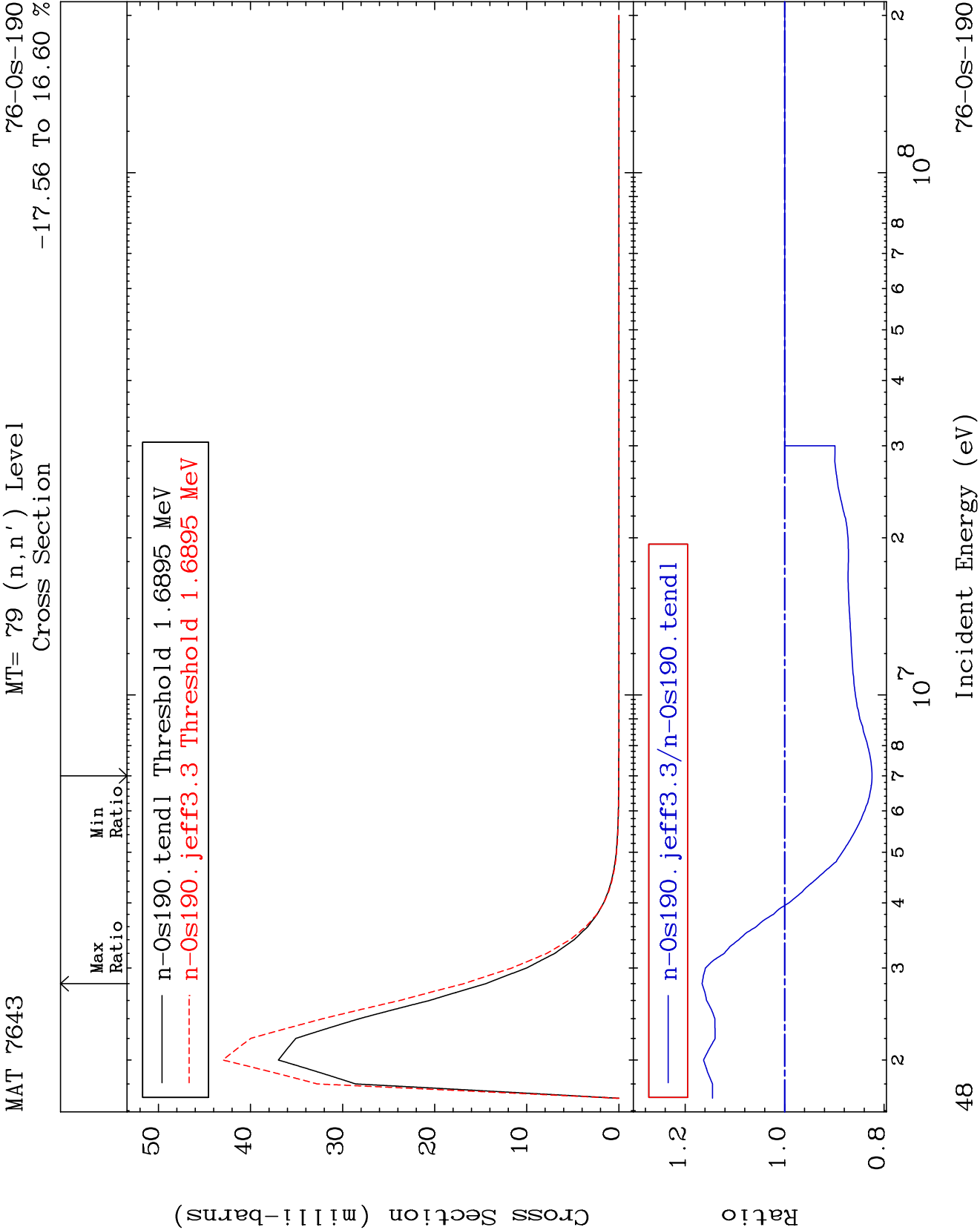
76-0s-190
-2.541 To 11.21 %

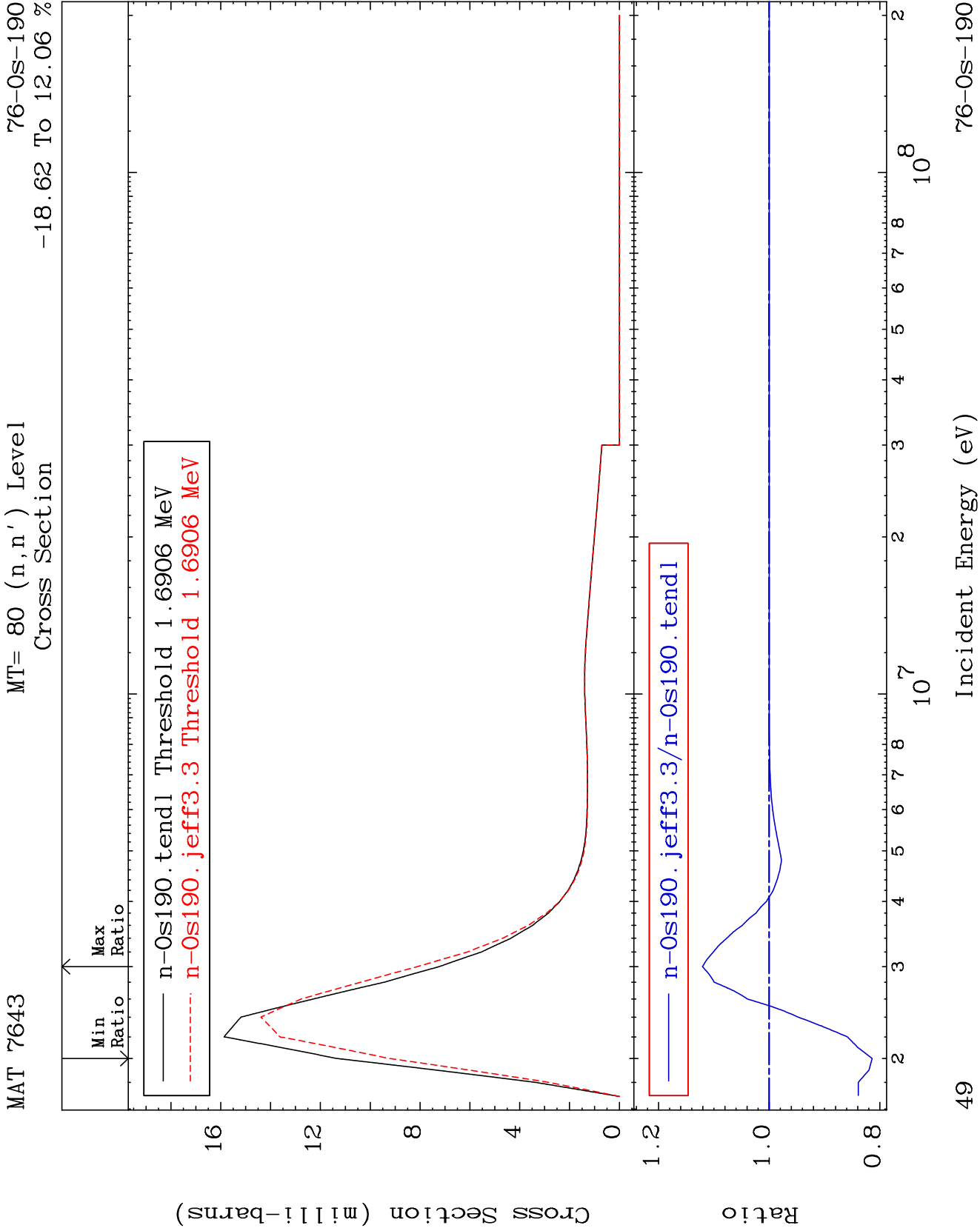


27

Incident Energy (eV)

76-05-190

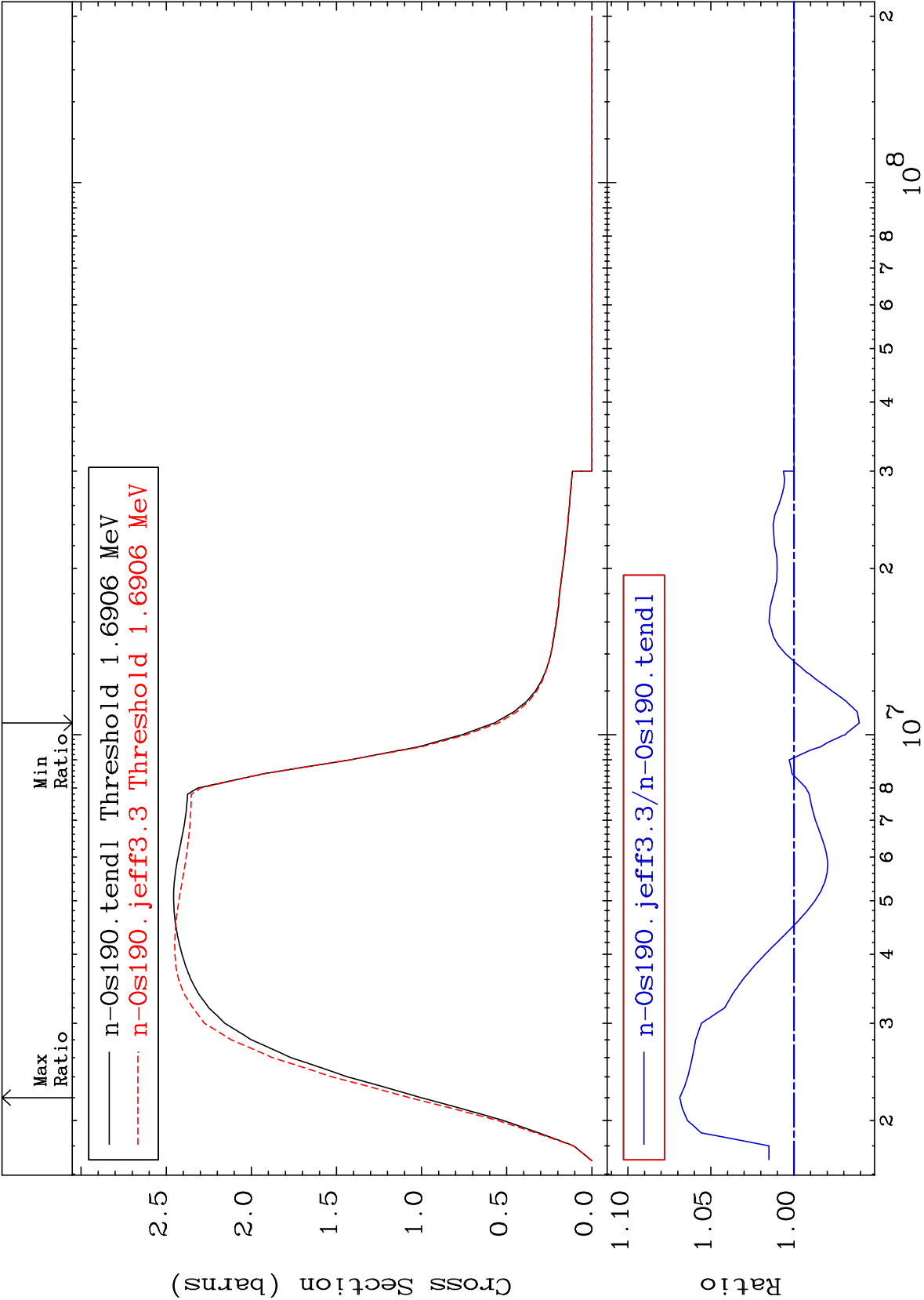




MAT 7643

(n,n') Continuum
Cross Section

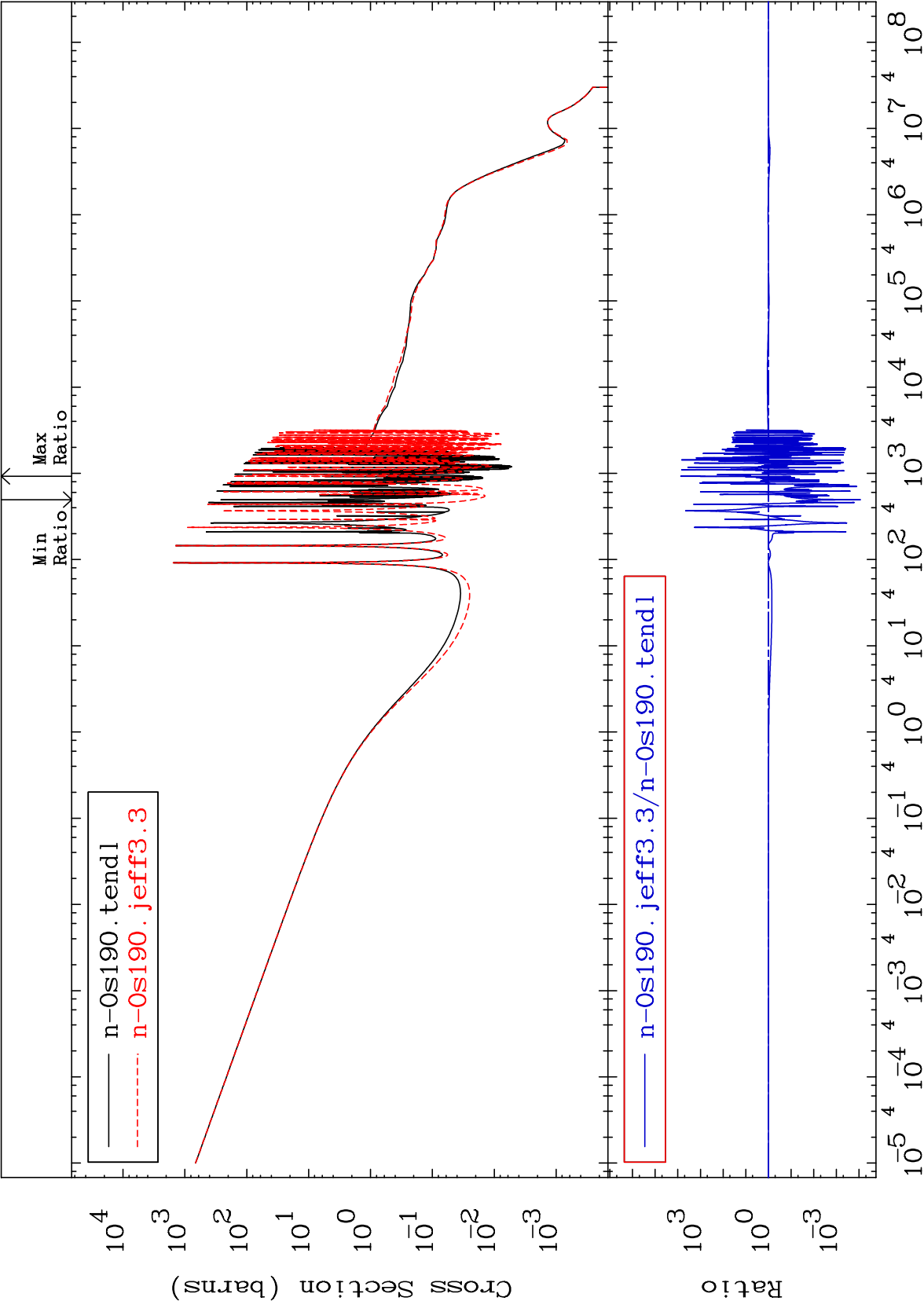
76-0s-190
-3.930 To 6.878 %

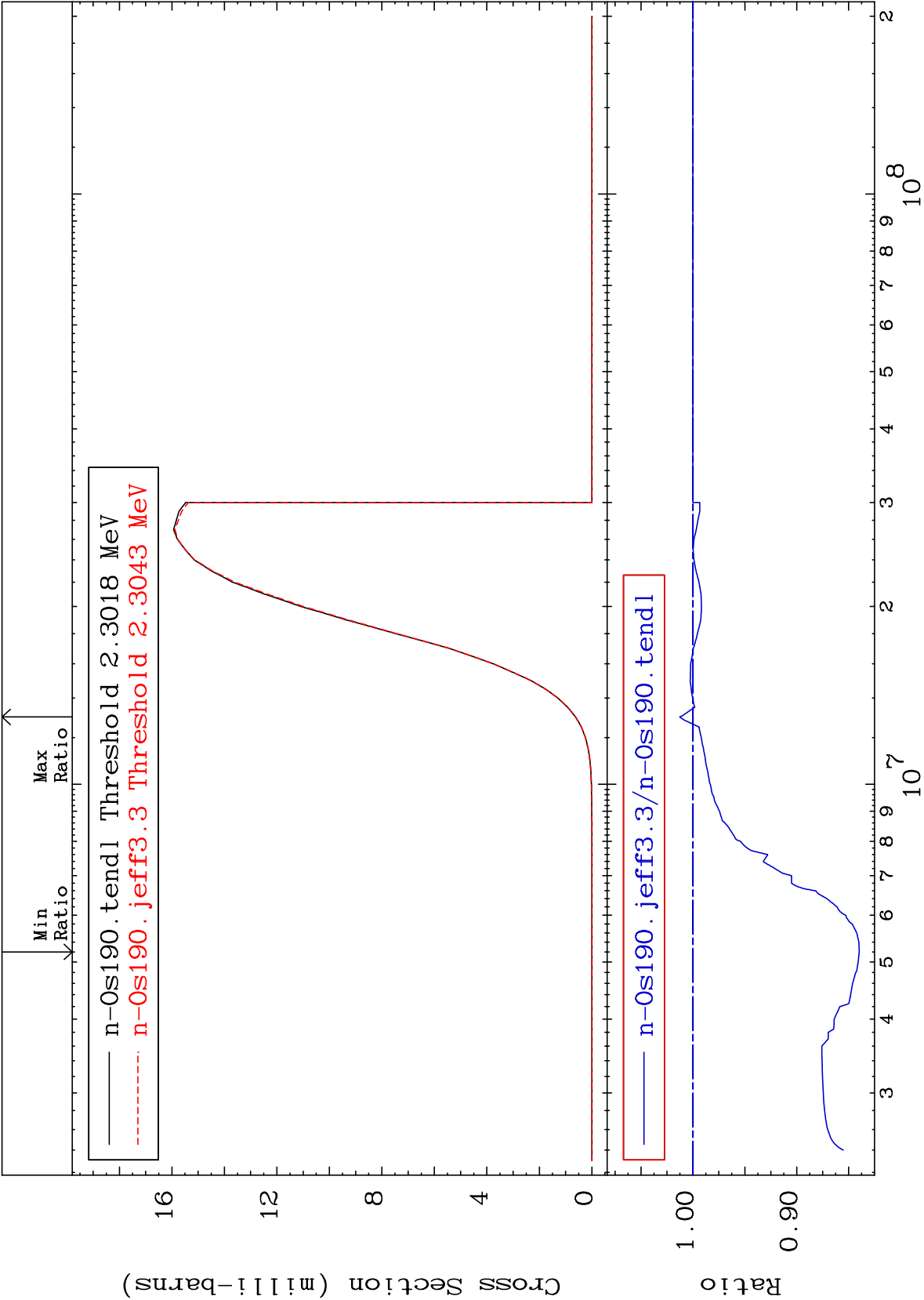


50

Incident Energy (eV)

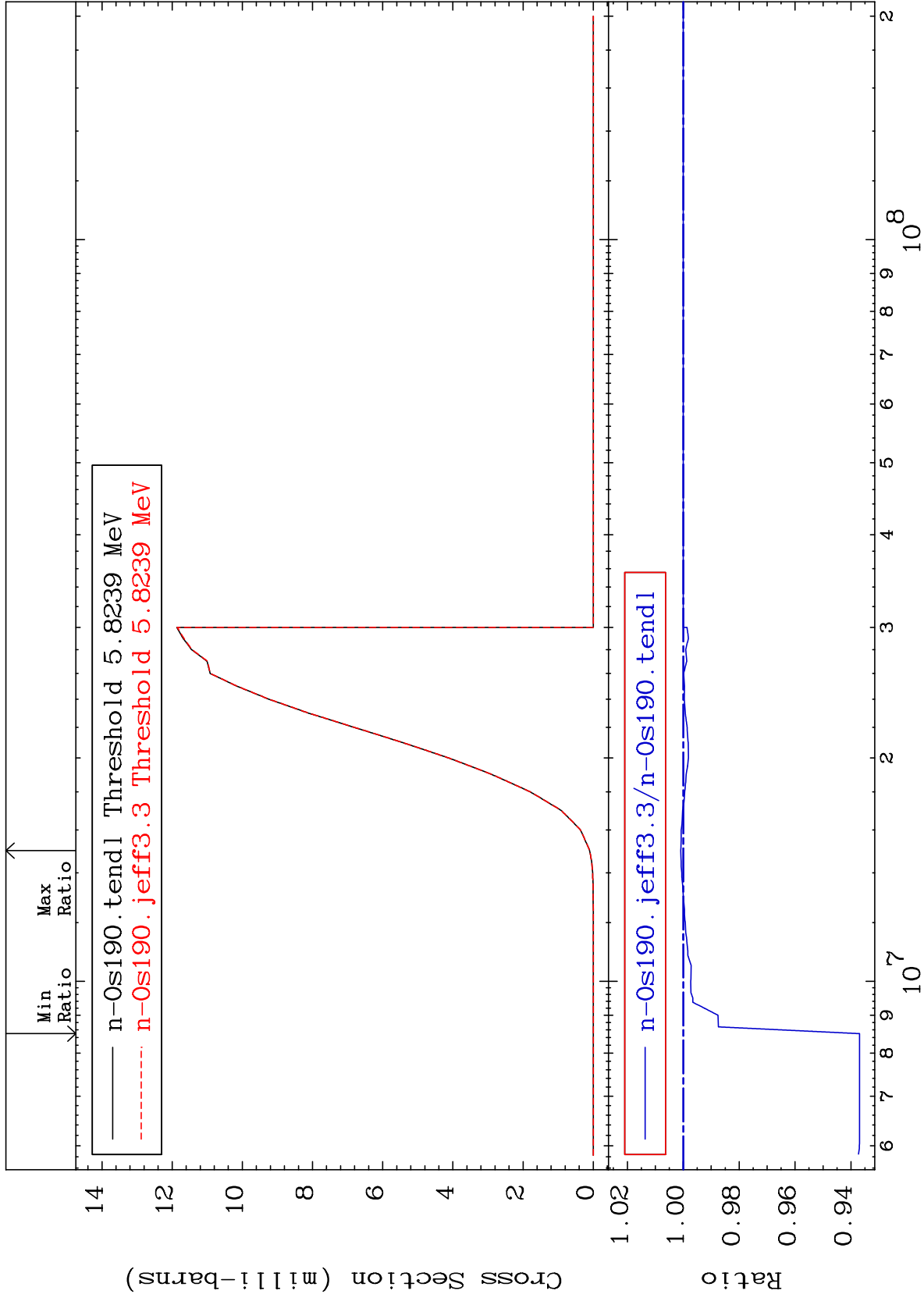
76-0s-190

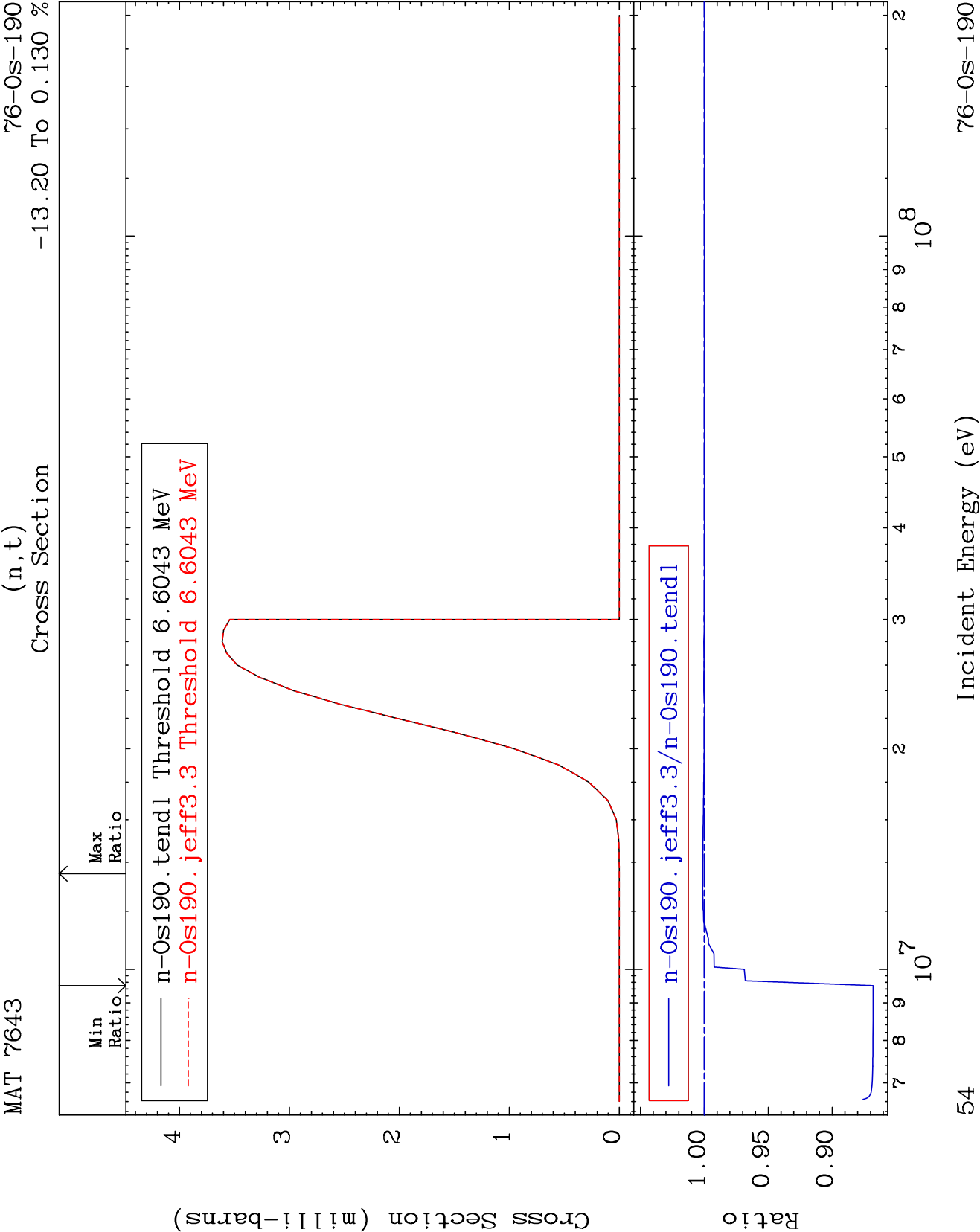




Cross Section

-6.306 To 0.089 %





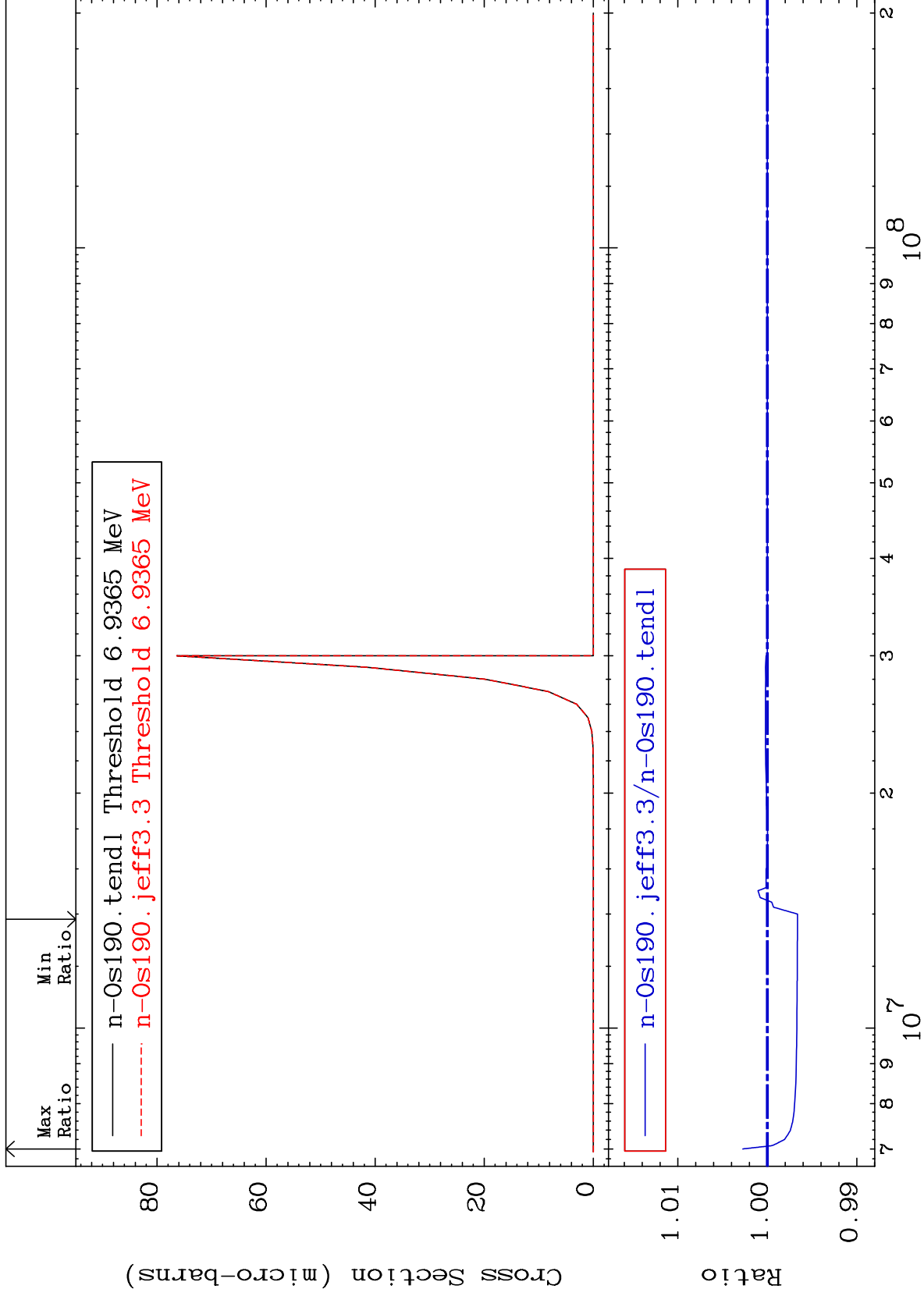
MAT 7643

(n,He-3)

⁷⁶Os-190

Cross Section

-0.338 To 0.274 %



55

Incident Energy (eV)

⁷⁶Os-190

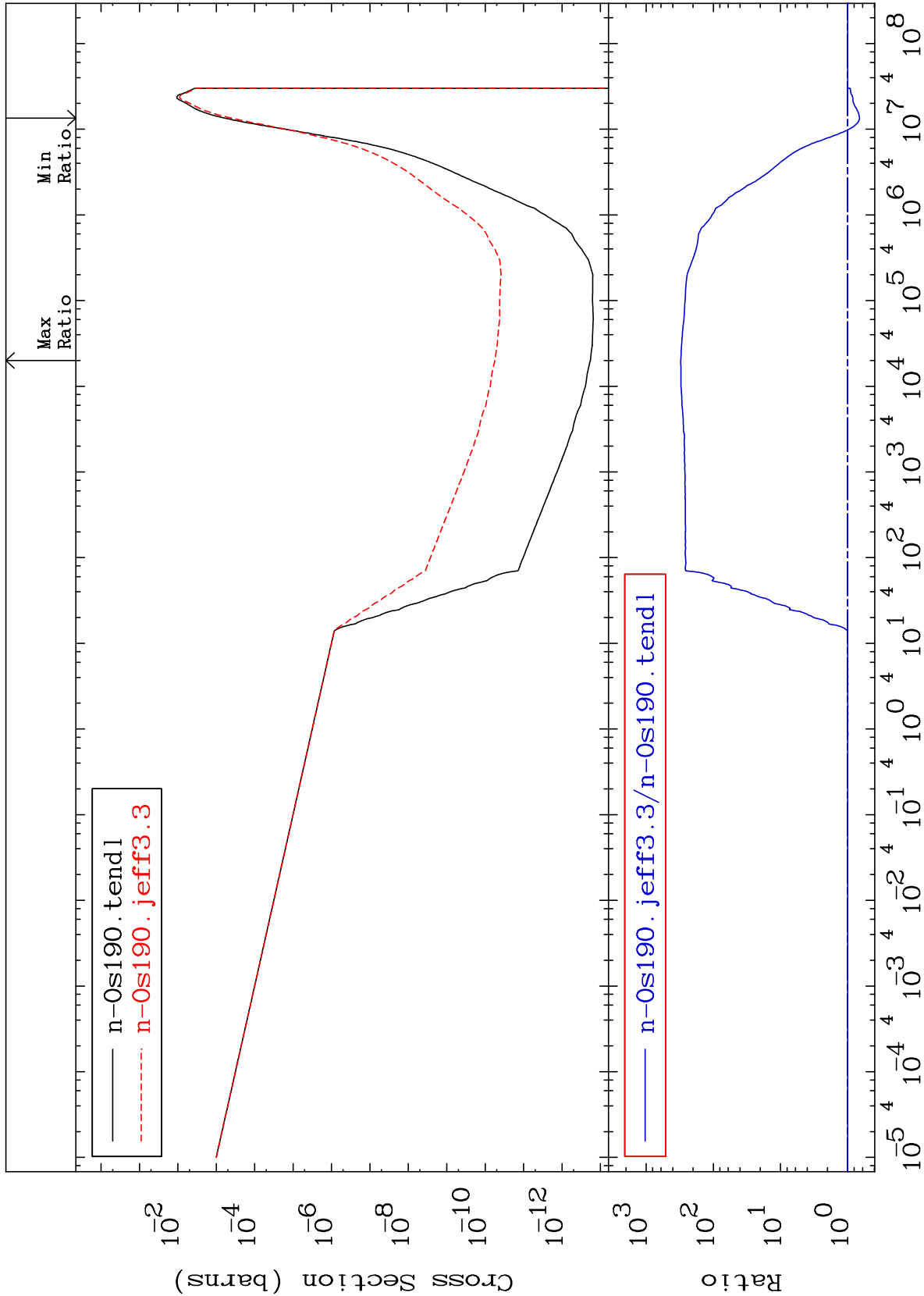
MAT 7643

(n, α)

76-0s-190

Cross Section

-33.41 To 9999. %

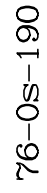


56

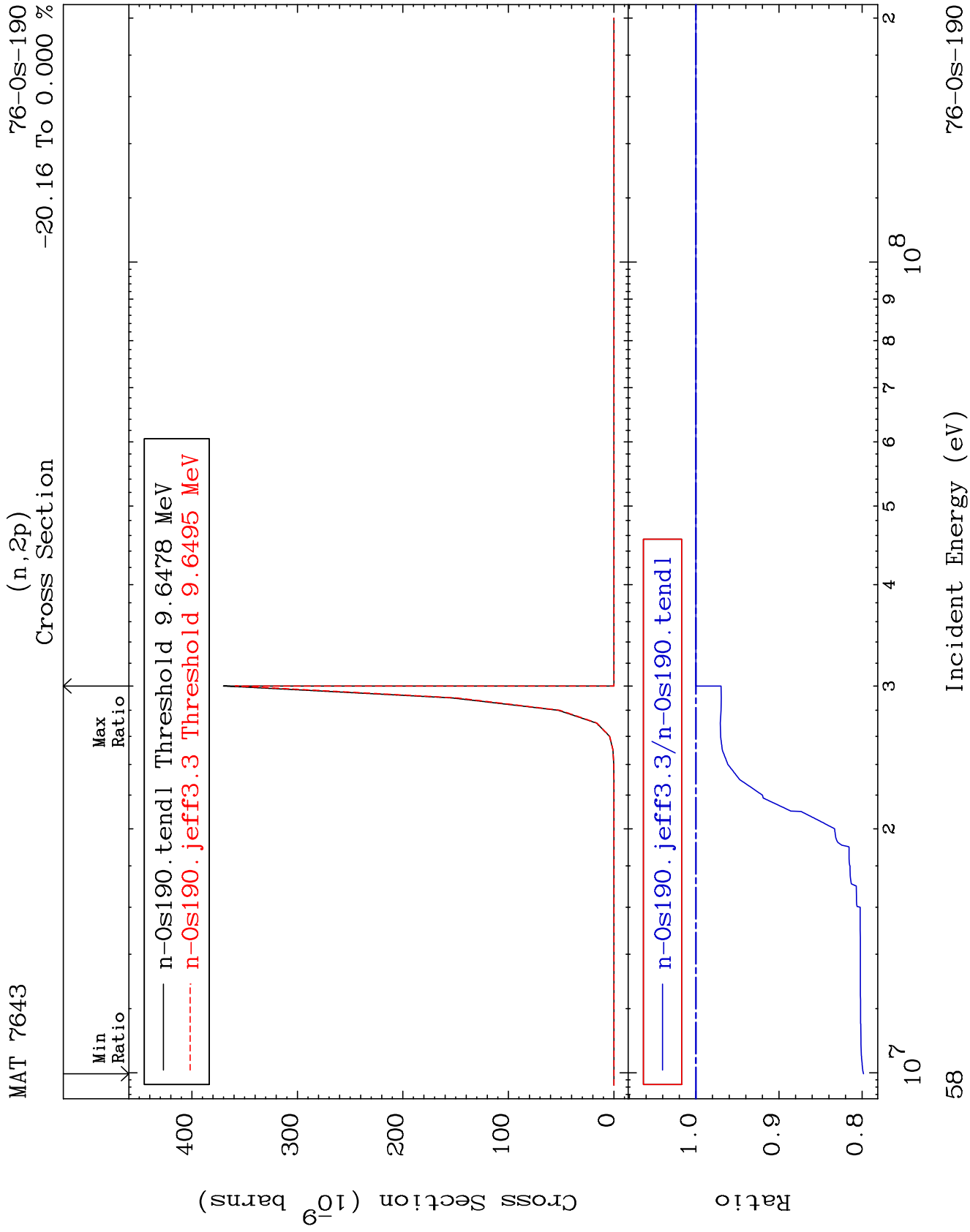
Incident Energy (eV)

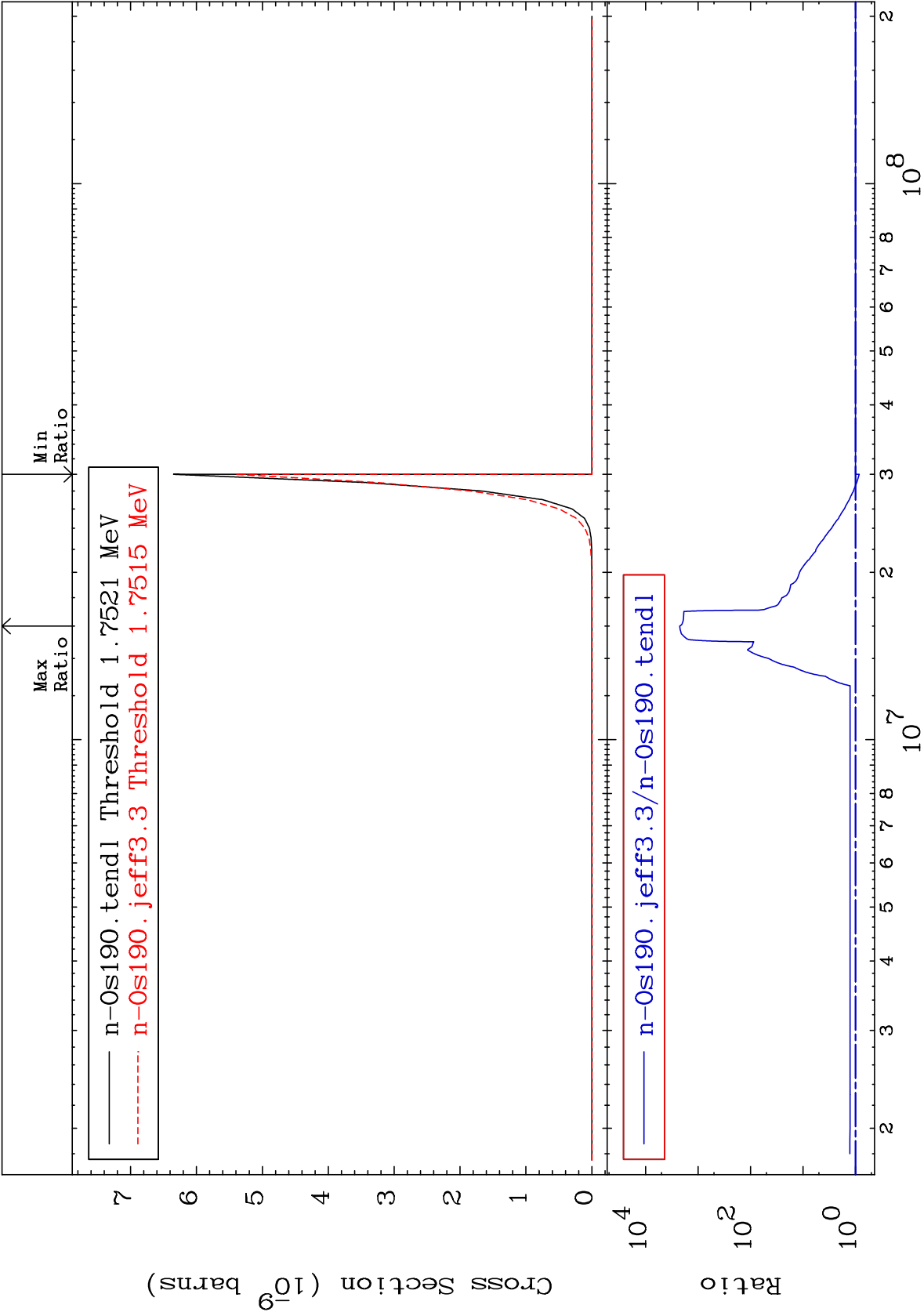
76-0s-190

76-0s-190
-19.35 To 9999. %



25

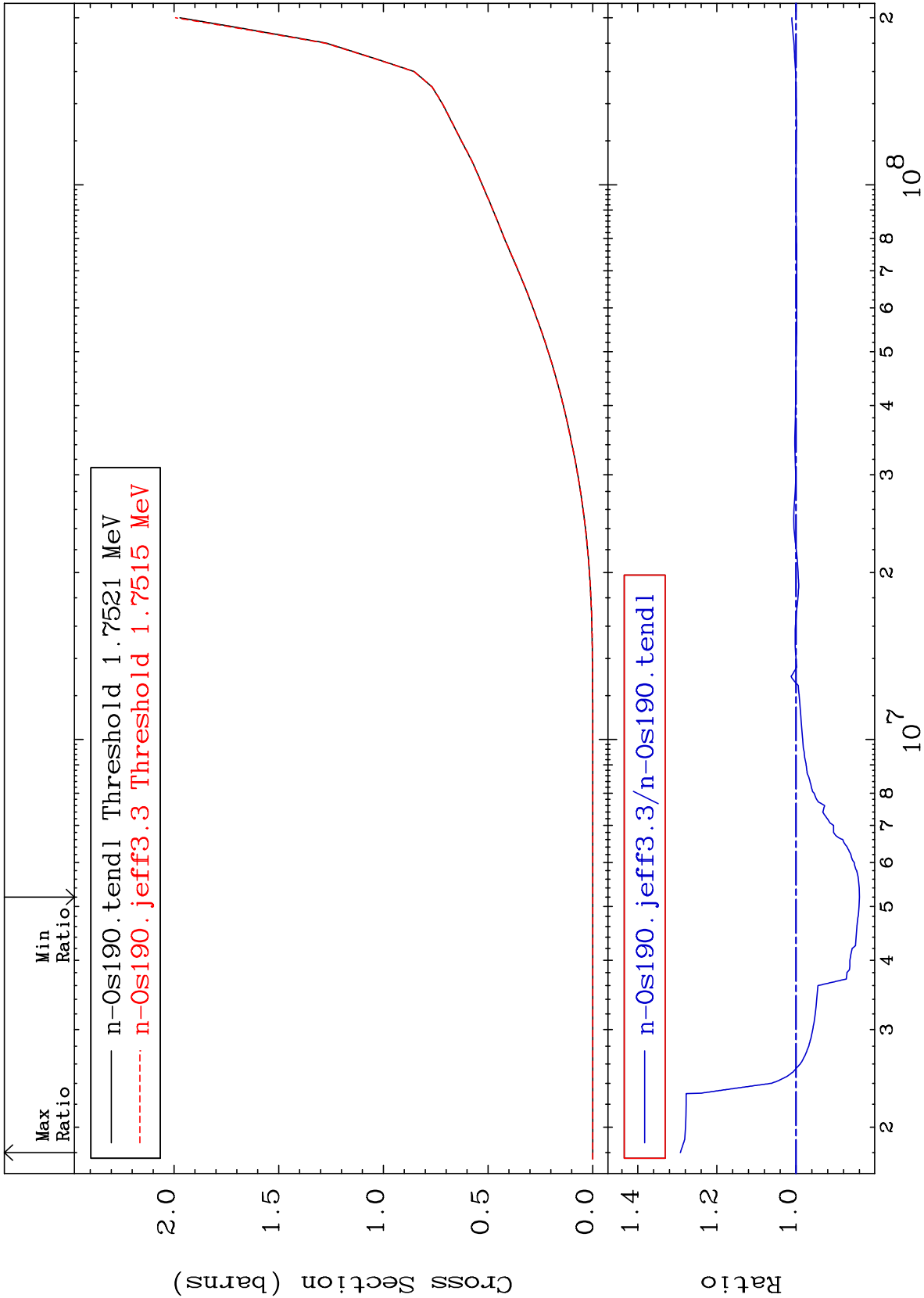




MAT 7643

Hydrogen Production
Cross Section

76-0s-190
-16.02 To 29.23 %



60

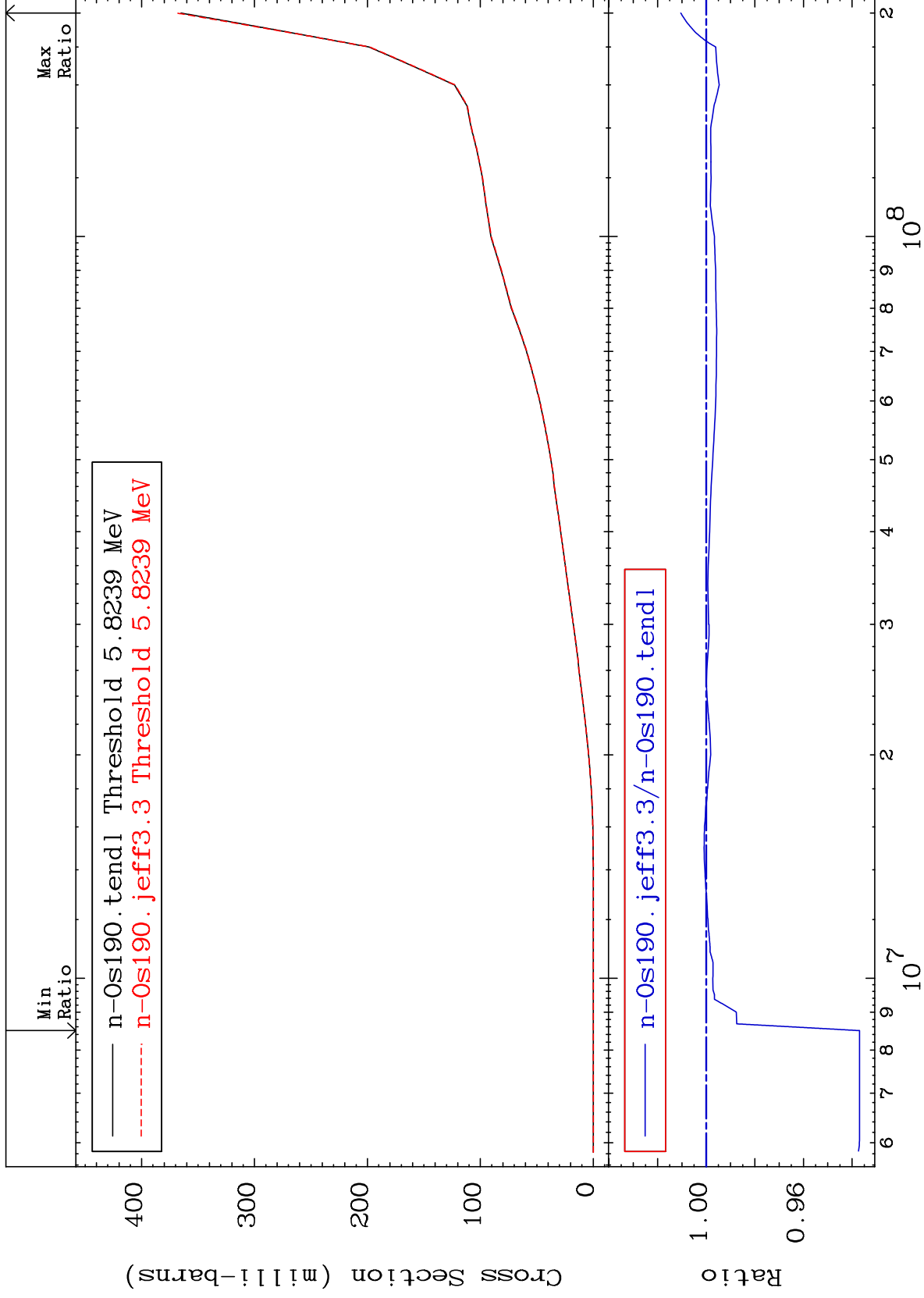
Incident Energy (eV)

76-0s-190

MAT 7643

Deuterium Production
Cross Section

⁷⁶Os-¹⁹⁰Pu
-6.306 To 1.047 %



61

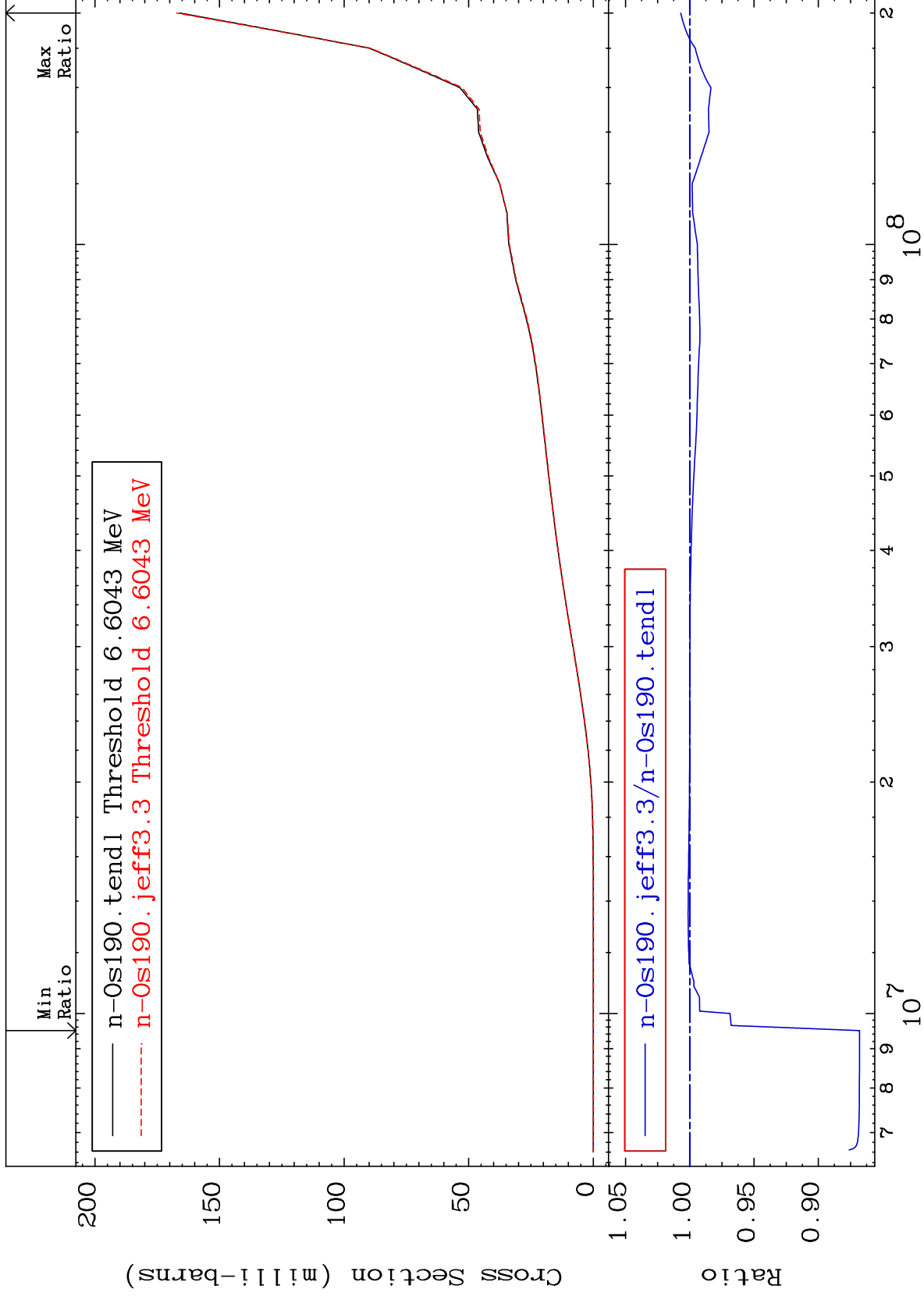
Incident Energy (eV)

⁷⁶Os-¹⁹⁰Pu

MAT 7643

Tritium Production
Cross Section

76-Os-190
-13.20 To 0.701 %



62

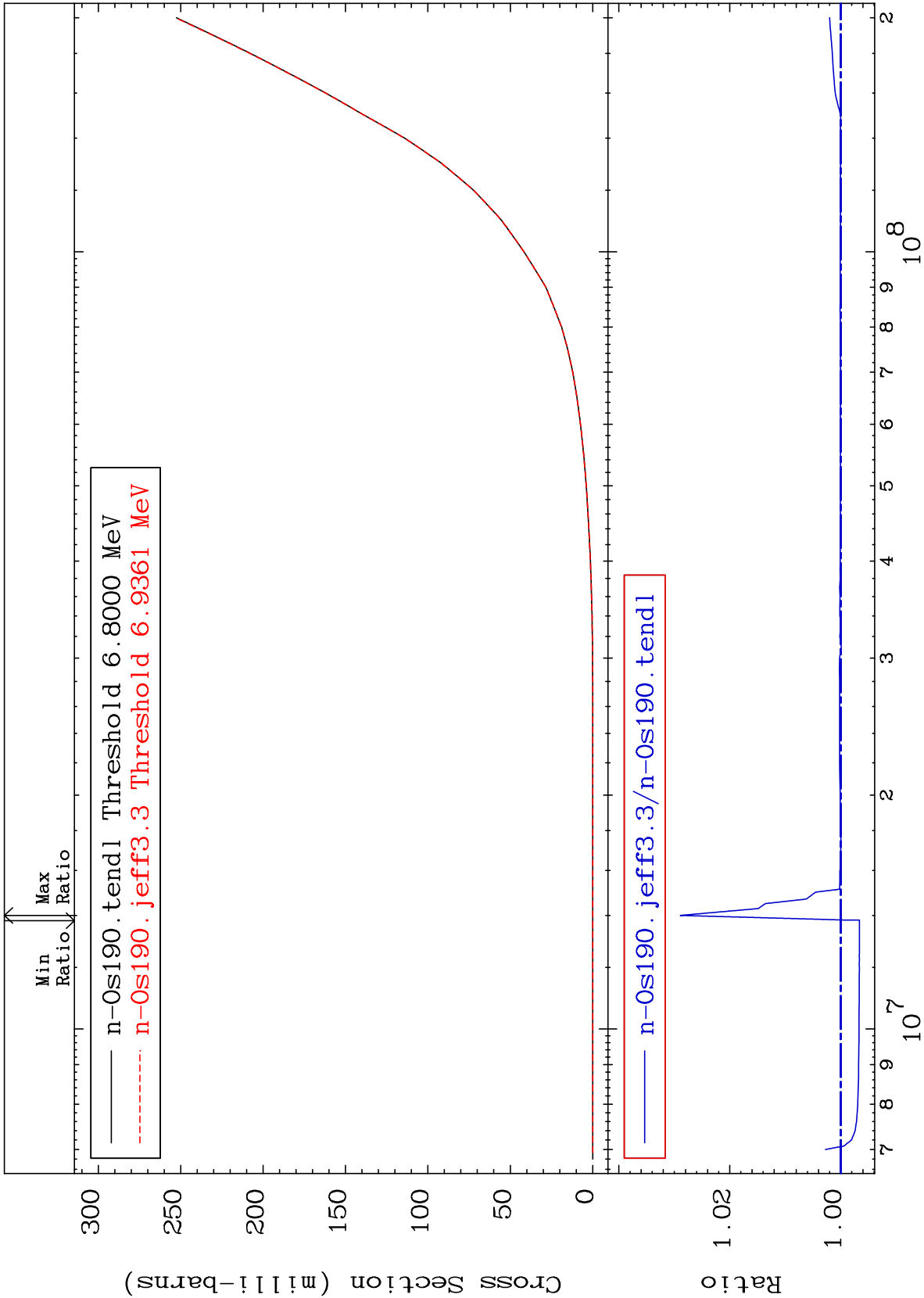
Incident Energy (eV)

76-Os-190

MAT 7643

He-3 Production
Cross Section

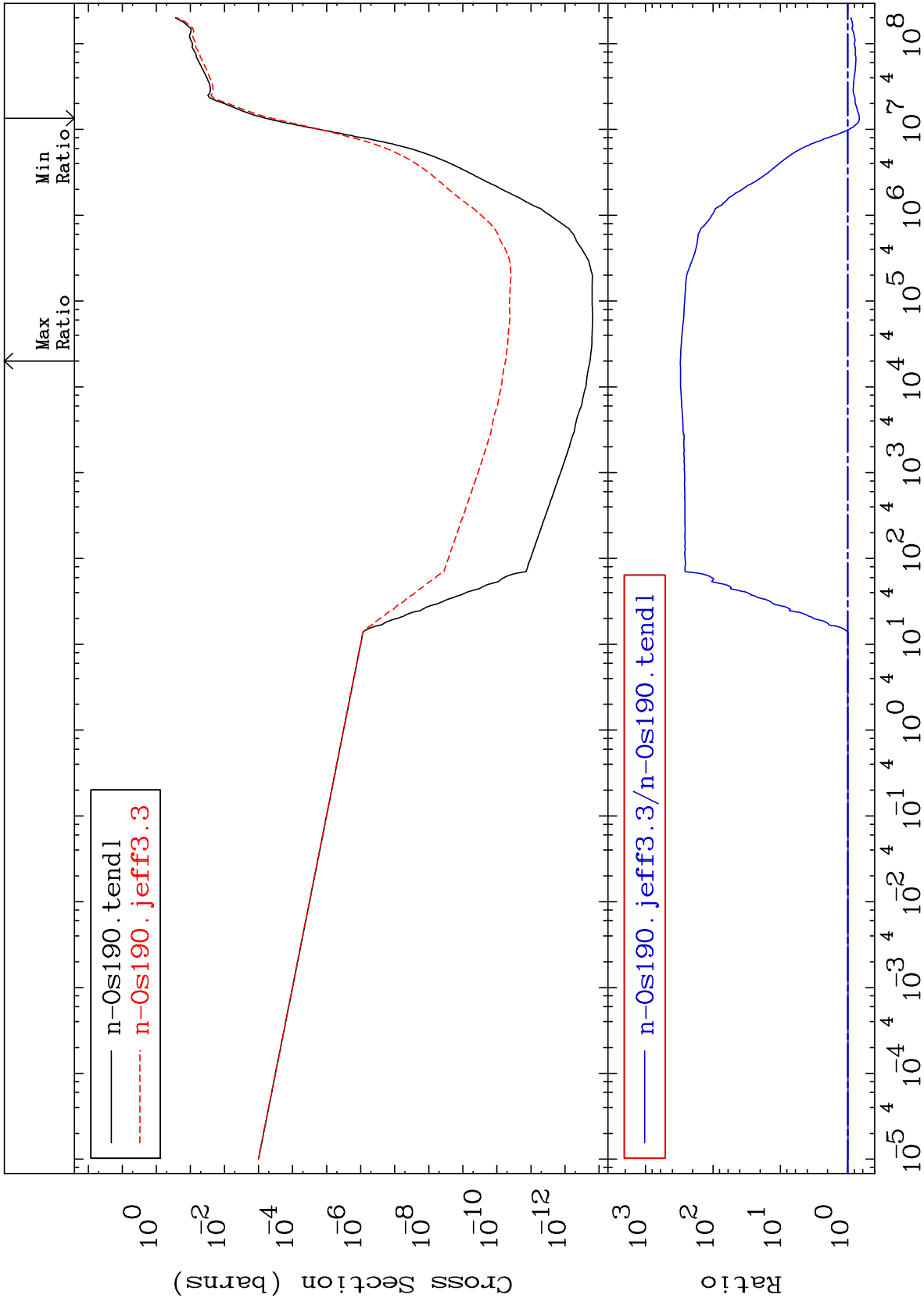
76-0s-190
-0.338 To 2.891 %



63

Incident Energy (eV)

76-0s-190



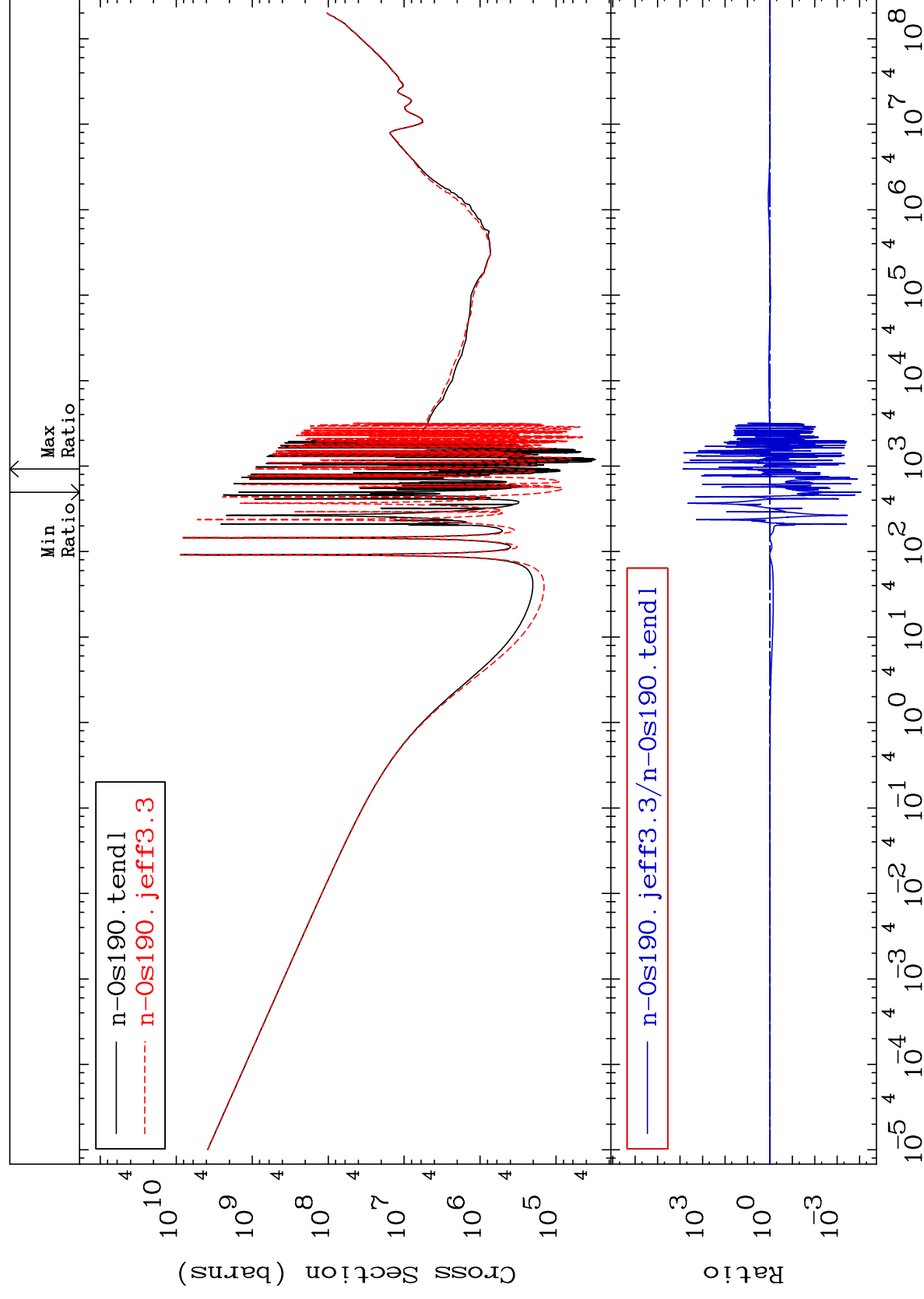
MAT 7643

Kerma total (eV-barns)

Cross Section

76-05-190

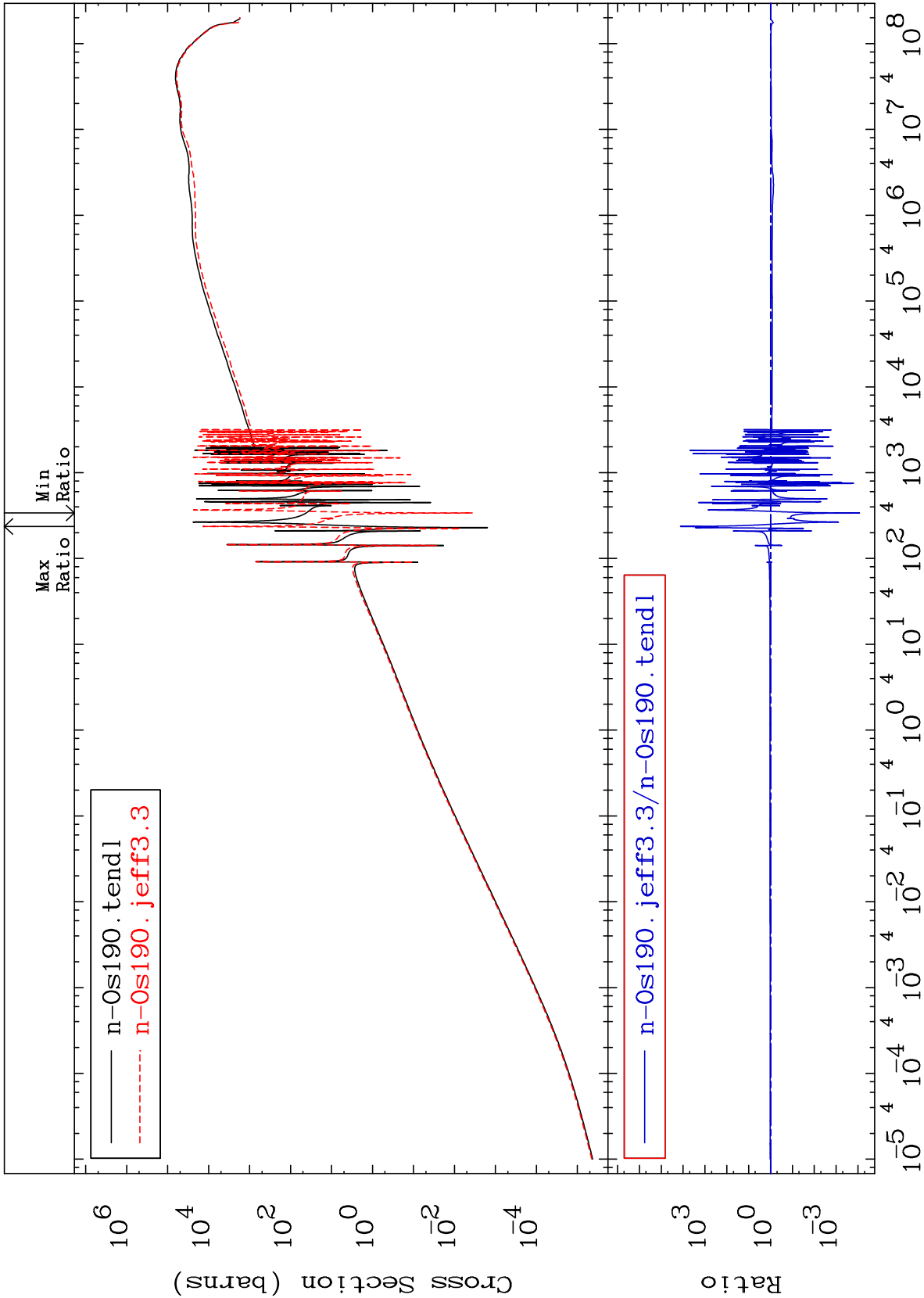
-99.99 To 9999. %



59

Incident Energy (eV)

76-05-190



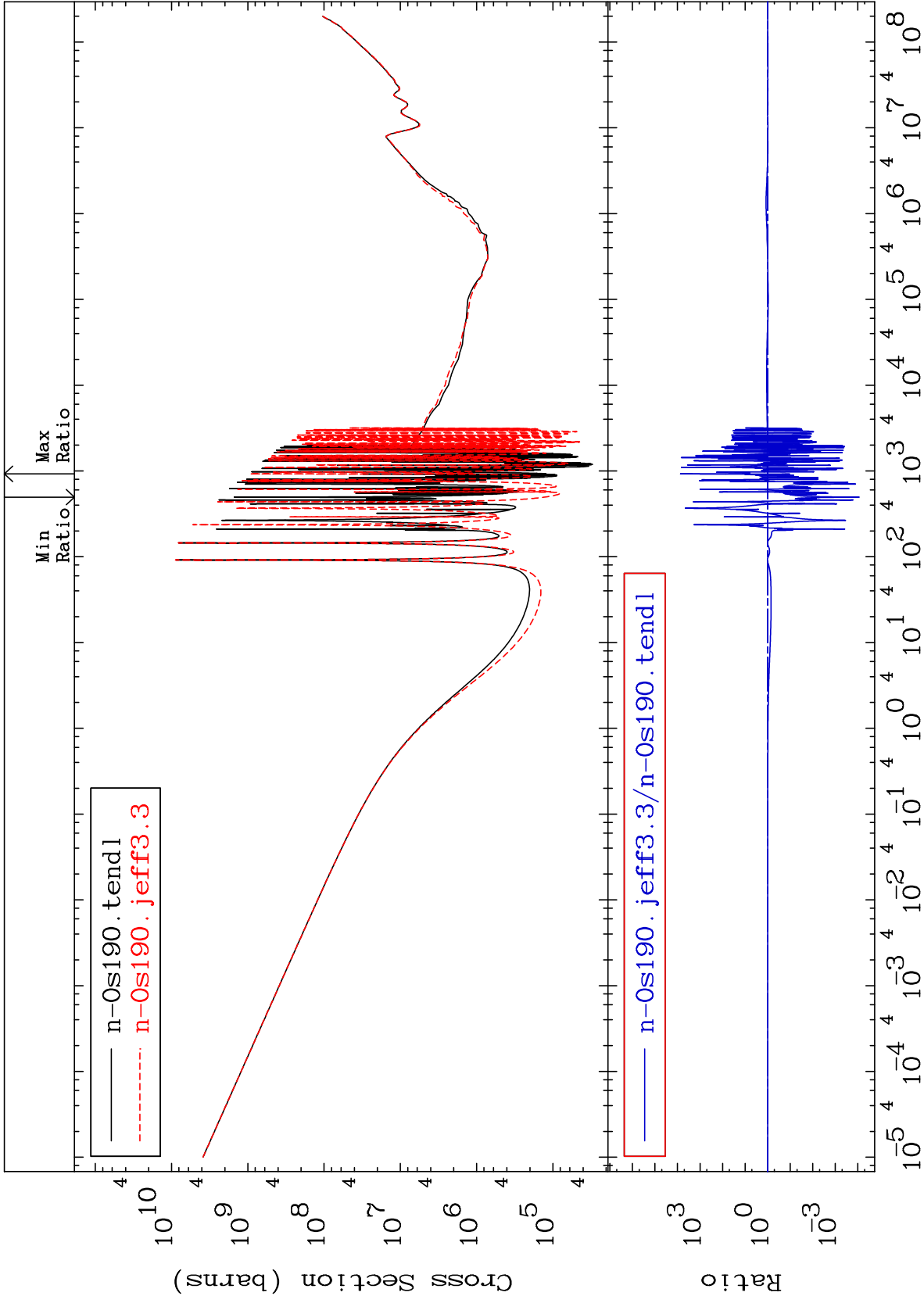
MAT 7643

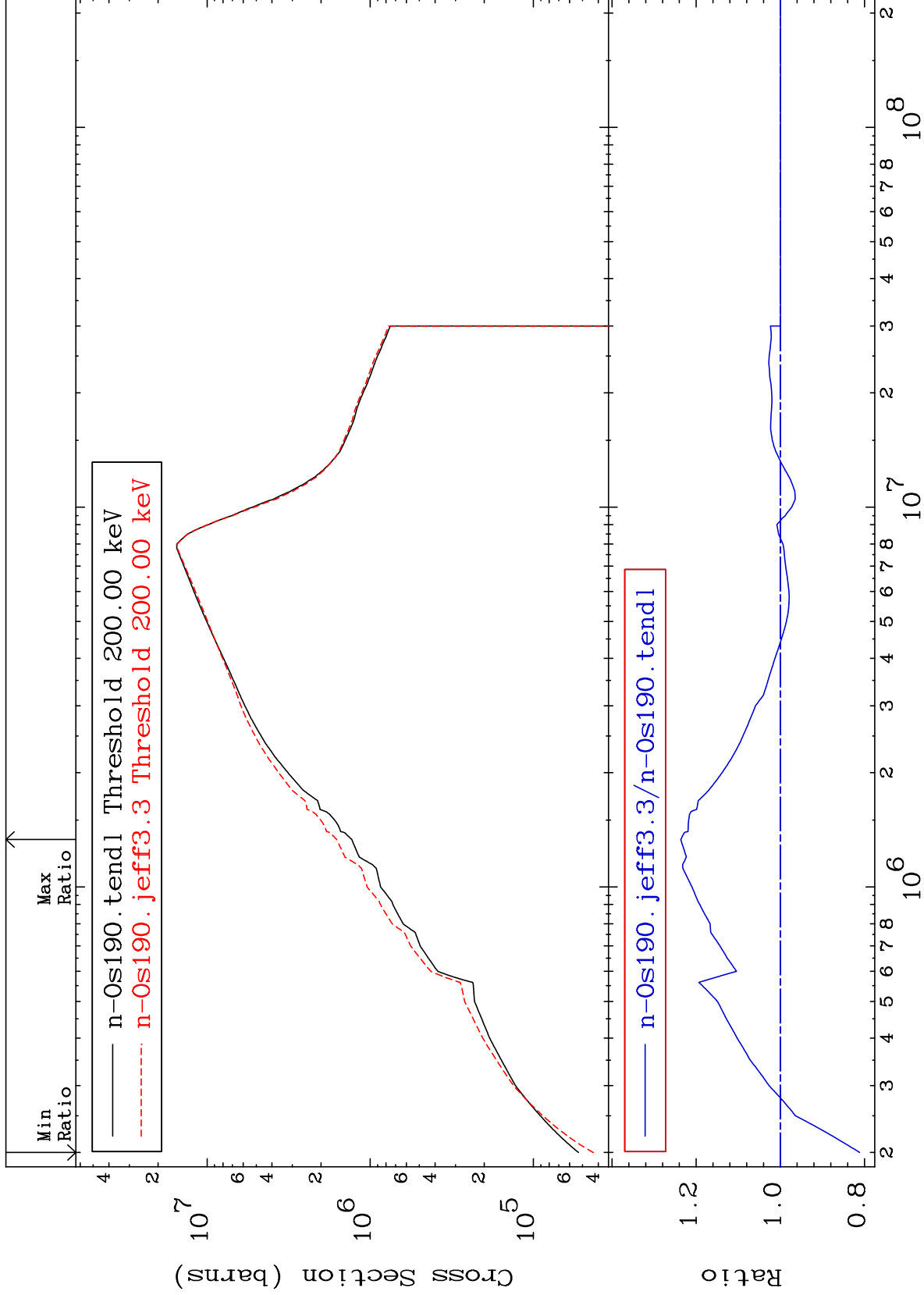
Kerma non-elastic (all but mt2)

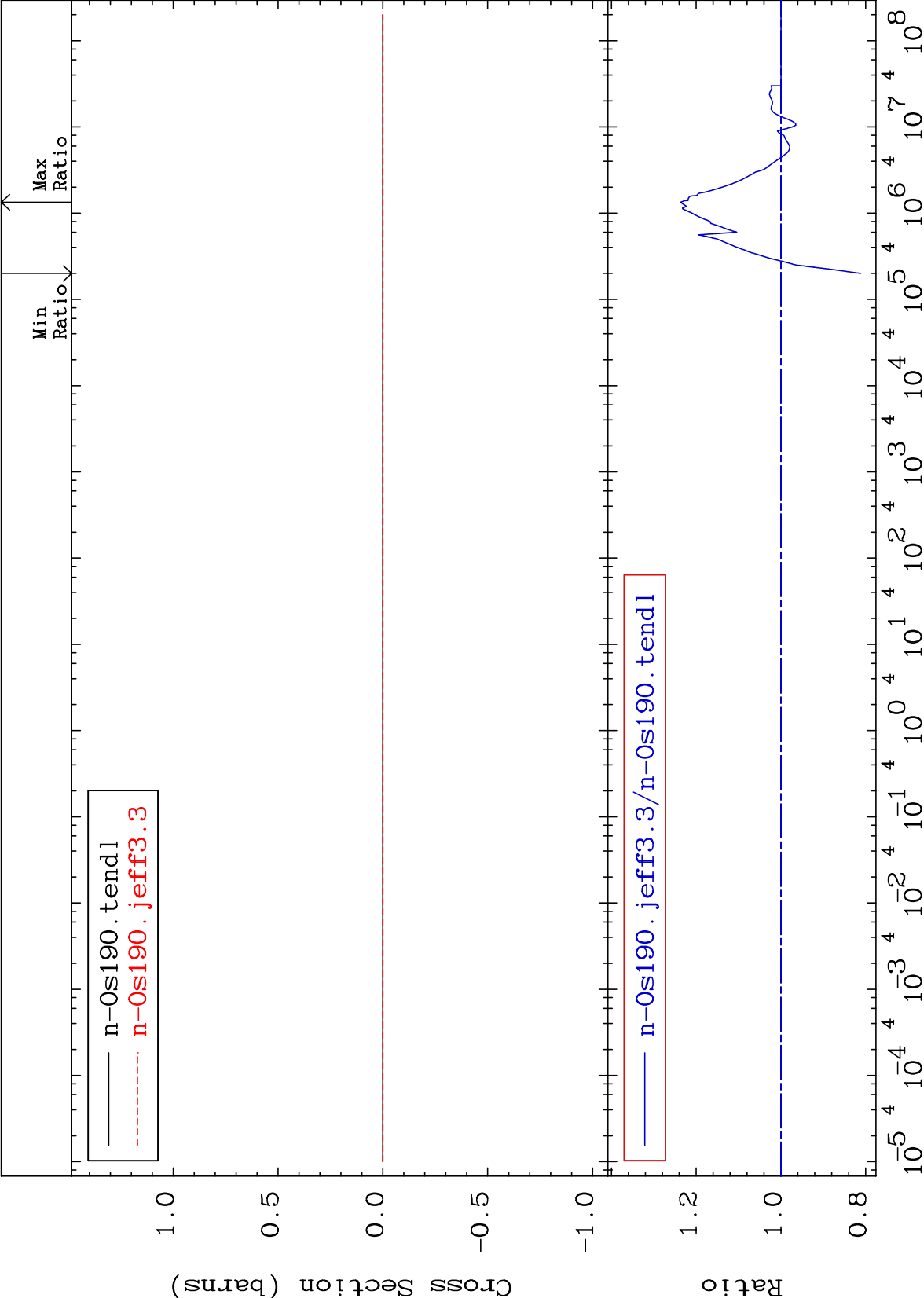
76-0s-190

Cross Section

-99.99 To 9999. %





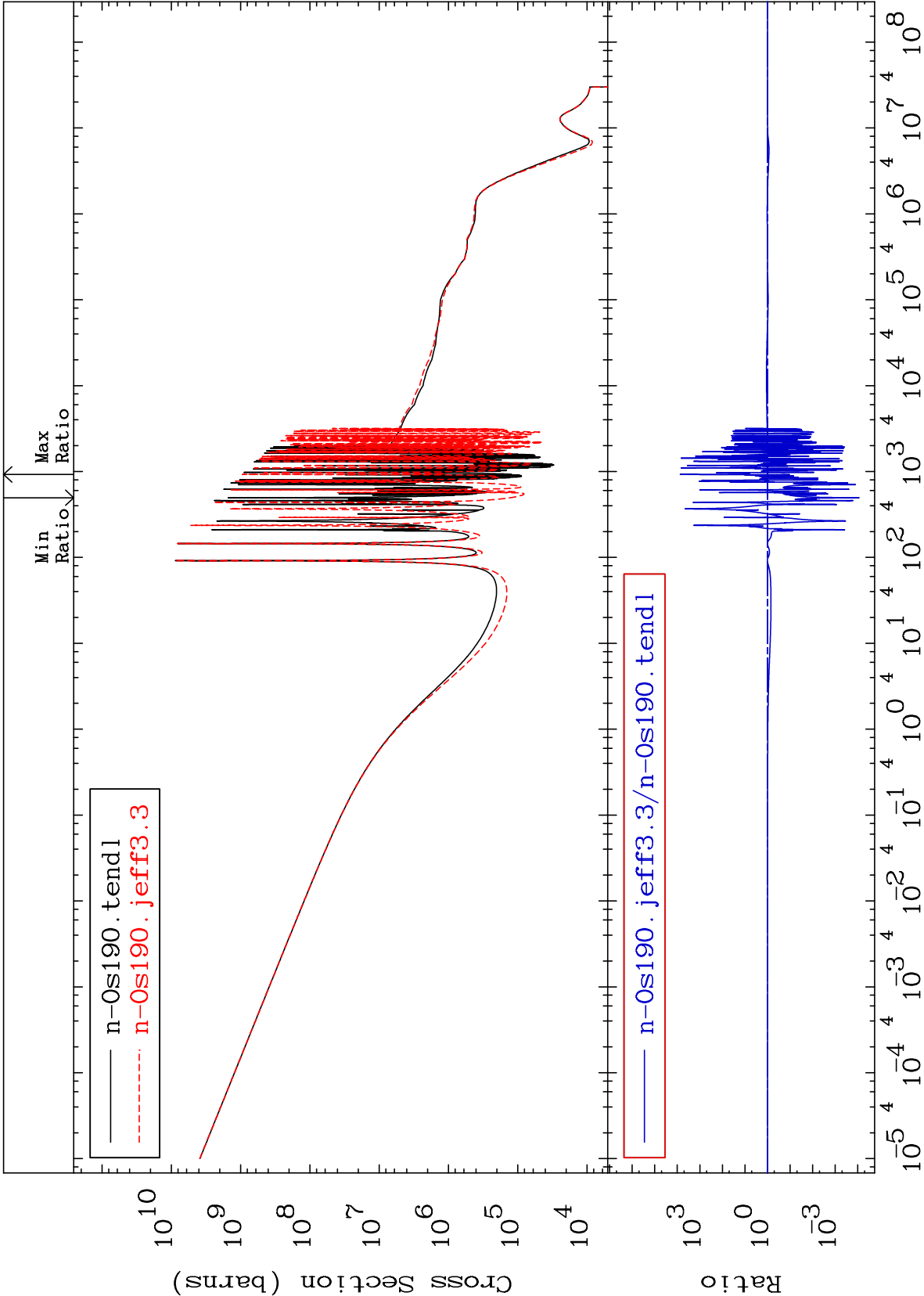


MAT 7643

Kerma capture (mt102)

⁷⁶Os-190

-99.99 To 9999. %

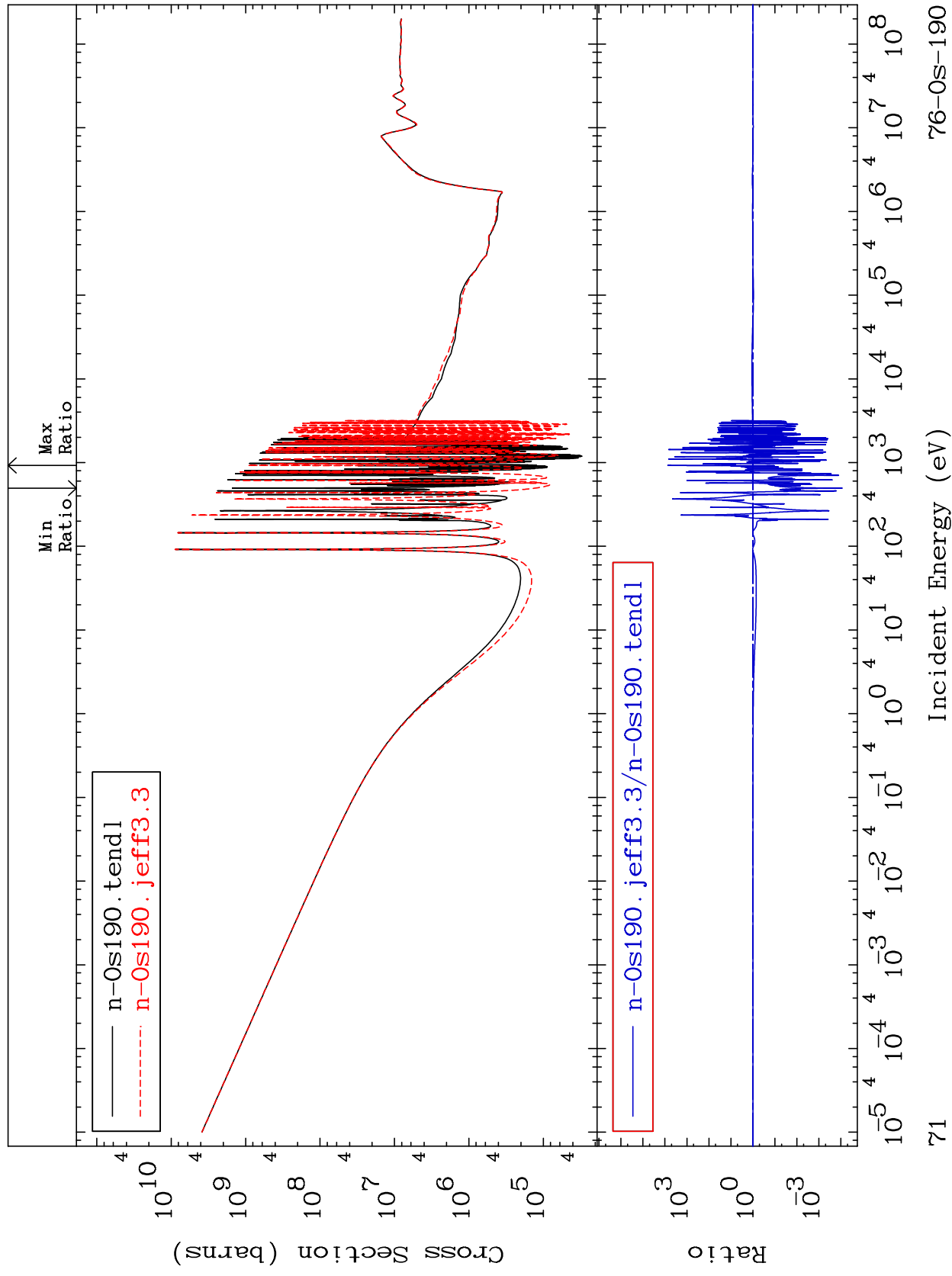


70

Incident Energy (eV)

⁷⁶Os-190

Total photon (eV-barns)	76-0s-190
Cross Section	-99.99 To 9999. %



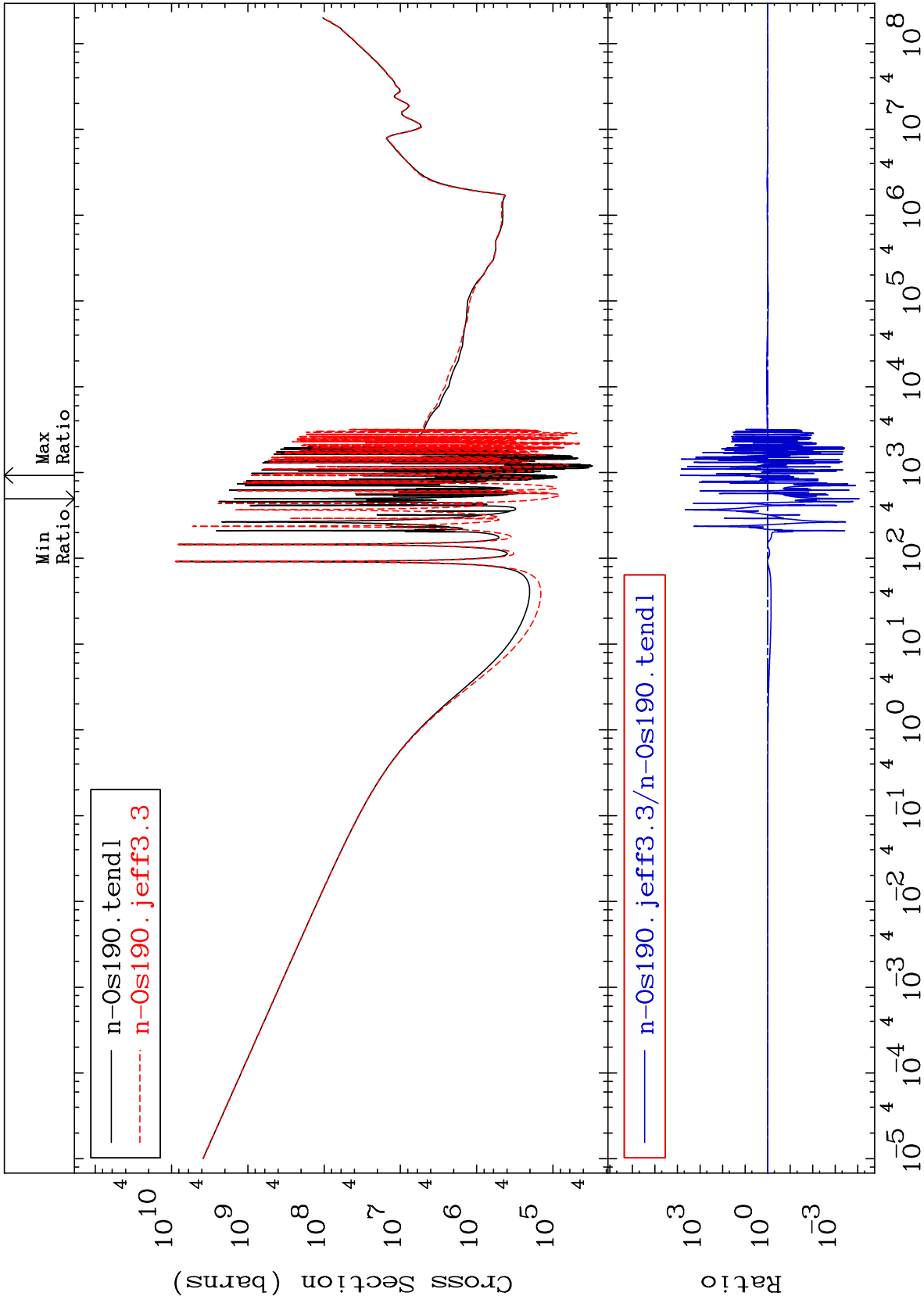
MAT 7643

Total kinematic kerma (high limit)

76-0s-190

-99.99 To 9999. %

Cross Section



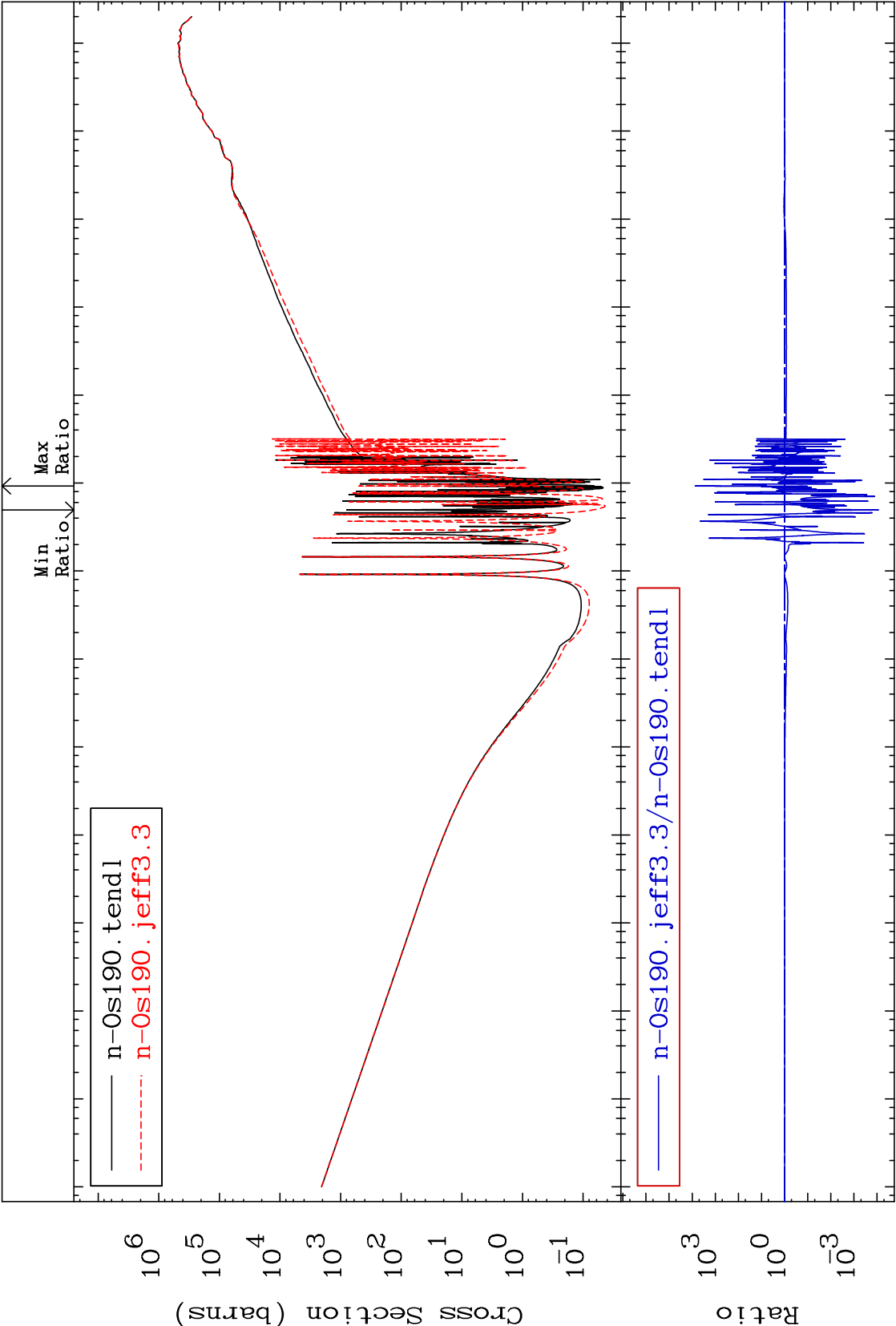
MAT 7643

Dpa total (eV-barns)

76-0s-190

Cross Section

-99.99 To 9999. %



73

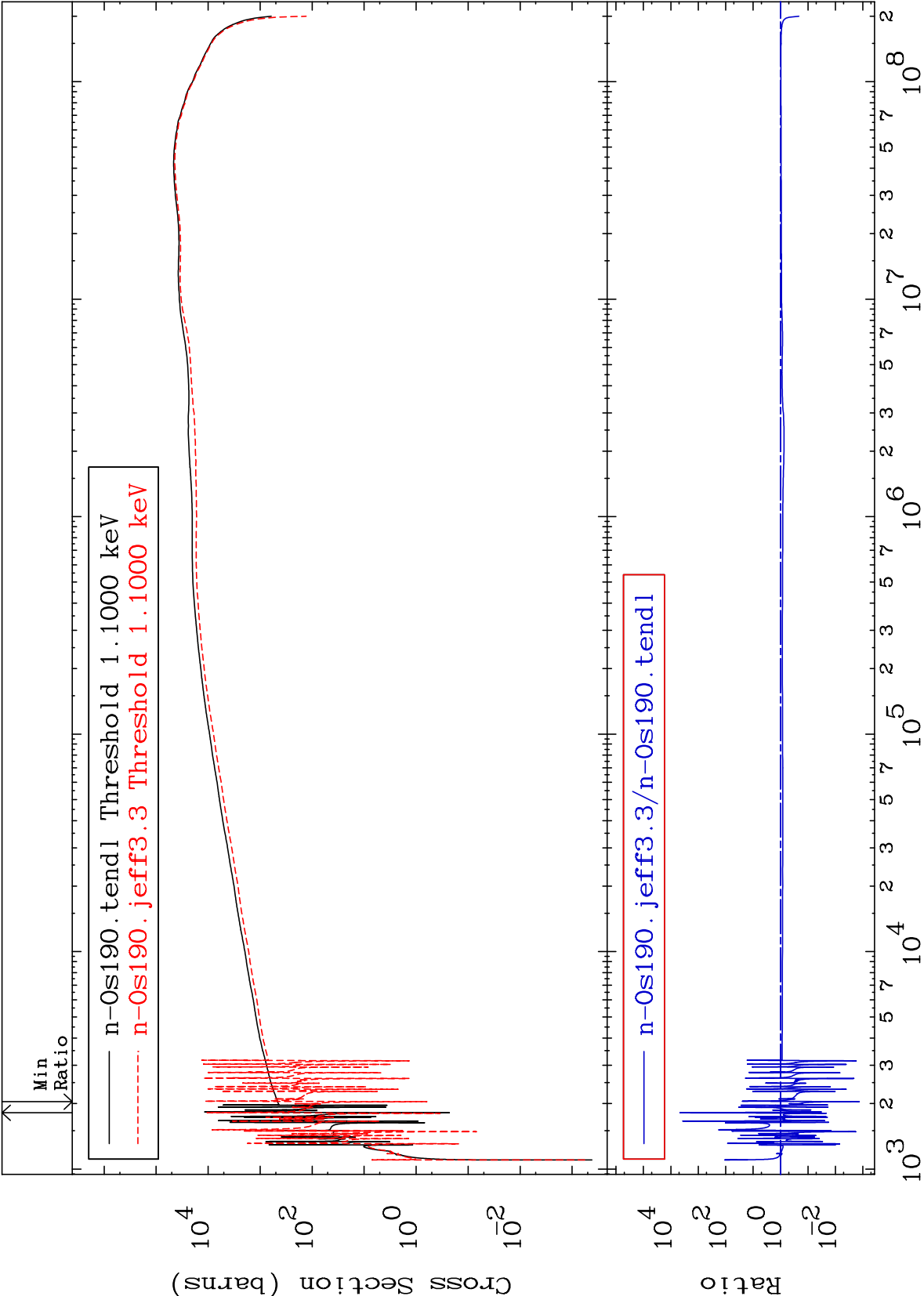
Incident Energy (eV)

76-0s-190

MAT 7643

Dpa elastic (mt2)
Cross Section

76-0s-190
-99.87 To 9999. %



74

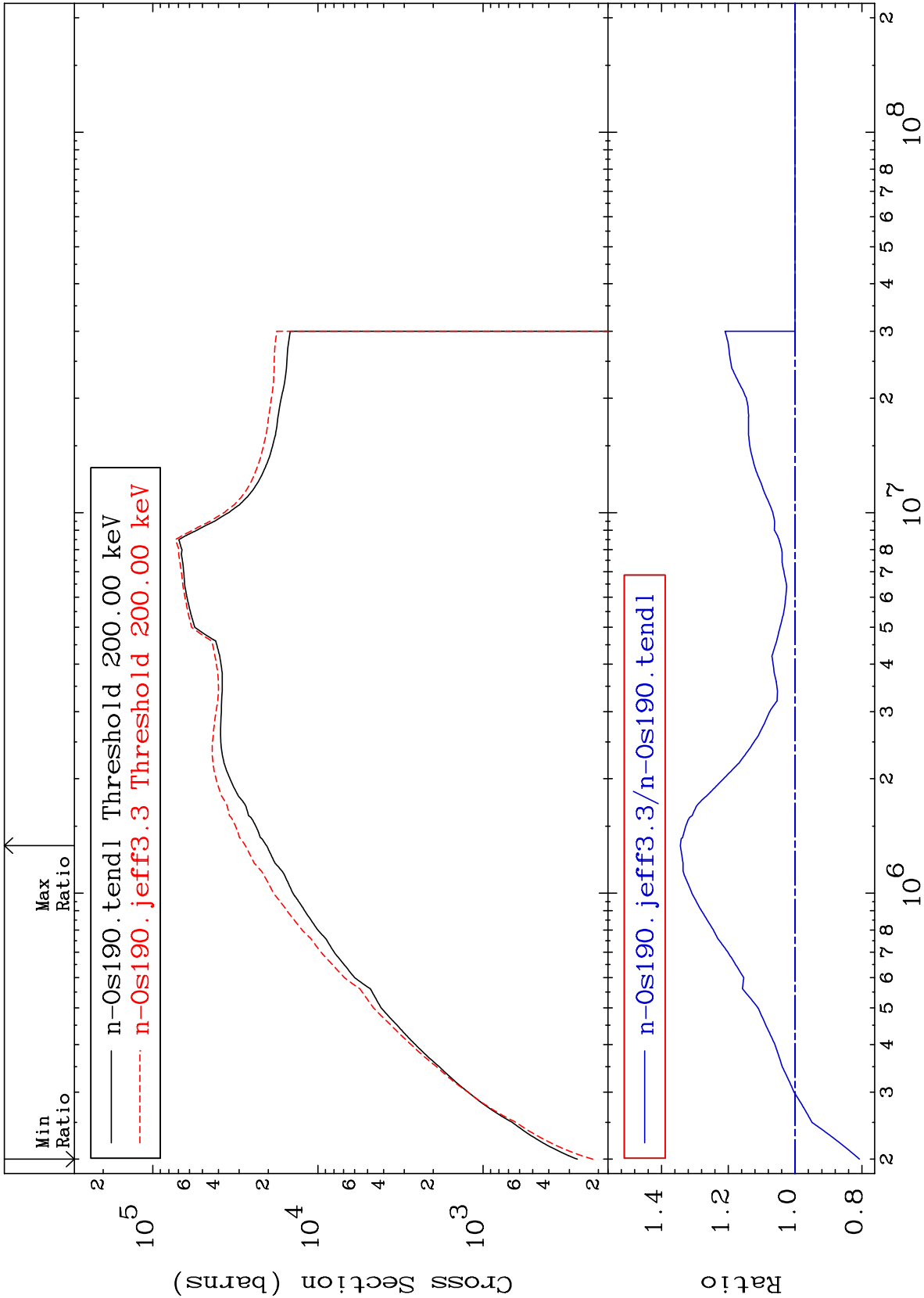
MAT 7643

Dpa inelastic (mt51-91)

76-0s-190

Cross Section

-19.27 To 34.34 %



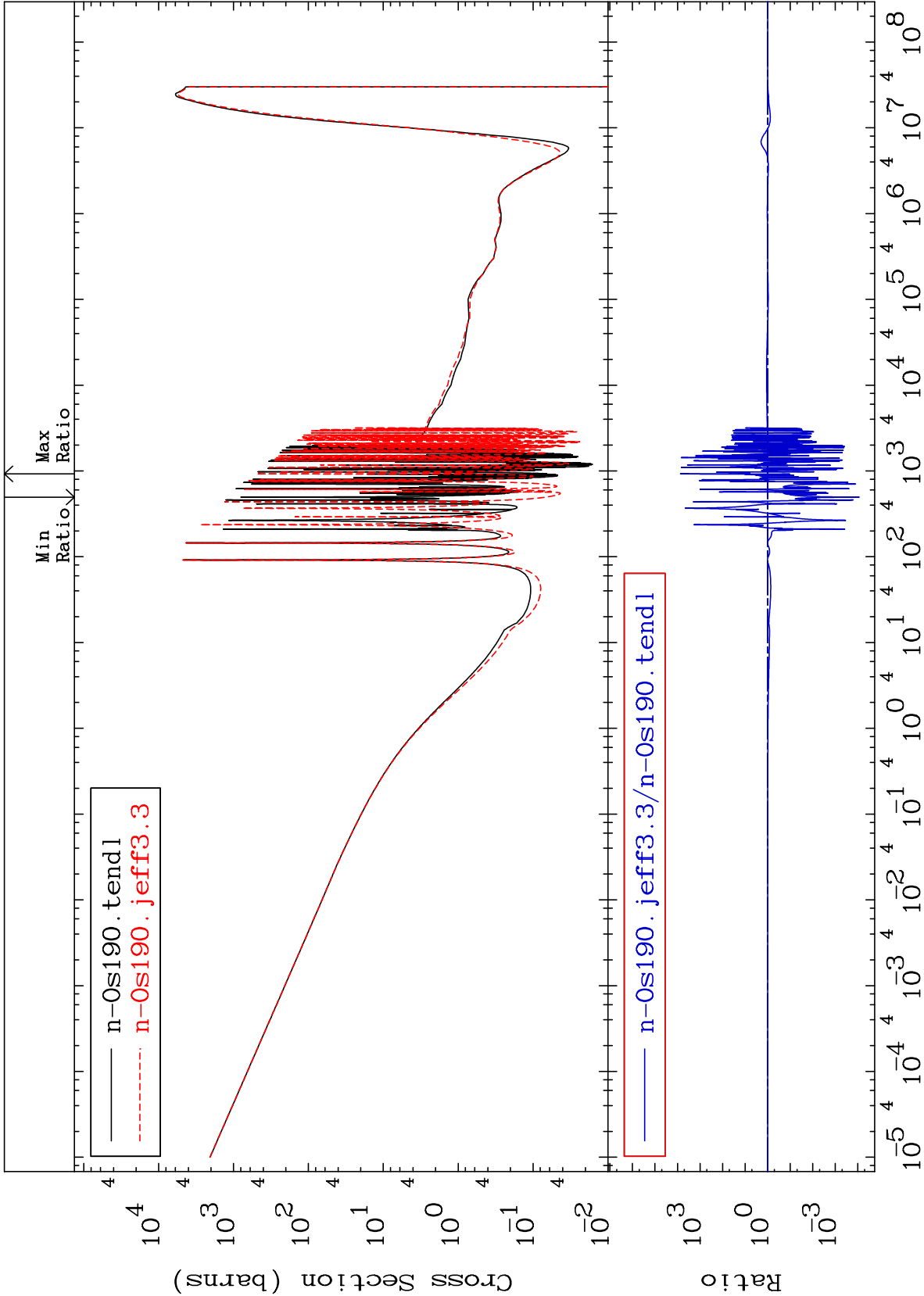
MAT 7643

Dpa disappearance (mt102 -120)

76-0s-190

Cross Section

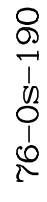
-99.99 To 9999. %



76-05-190

Radionuclide Production Cross Section

-18.81 To 30.22 %



Incident Energy (eV)

22

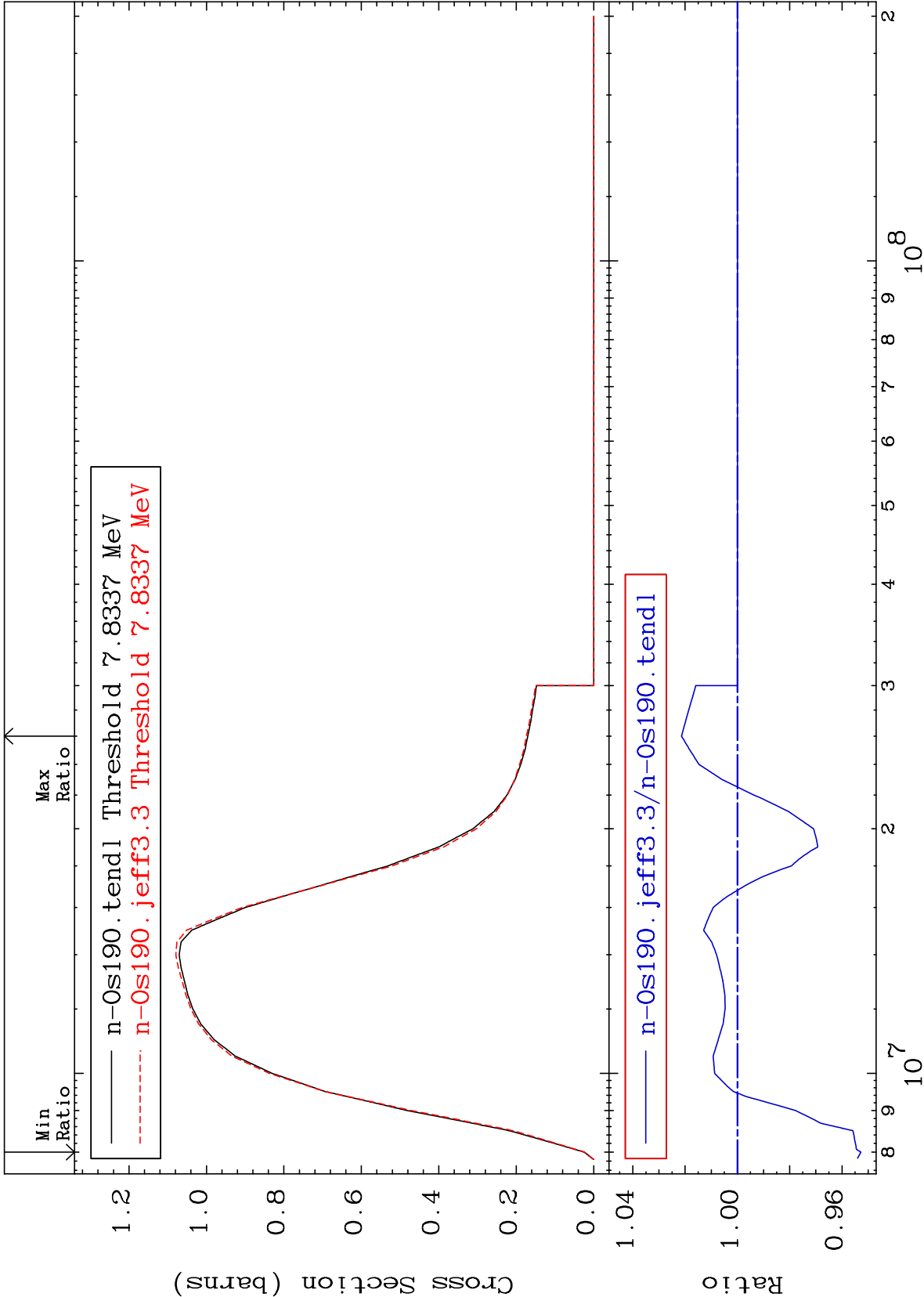
MAT 7643

(n,2n):76-Os-189g

76-Os-190

Radionuclide Production Cross Section

-4.722 To 2.138 %



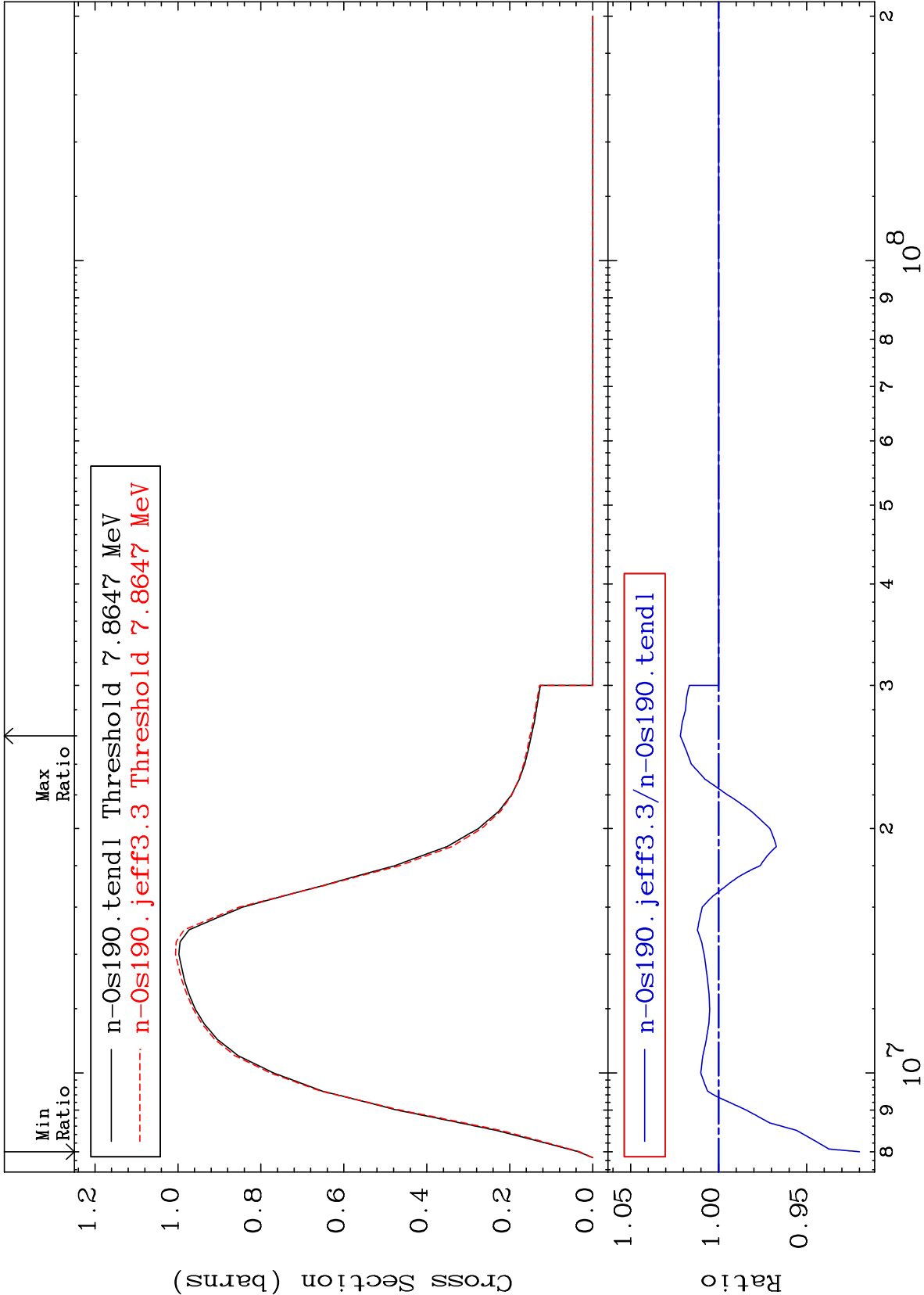
MAT 7643

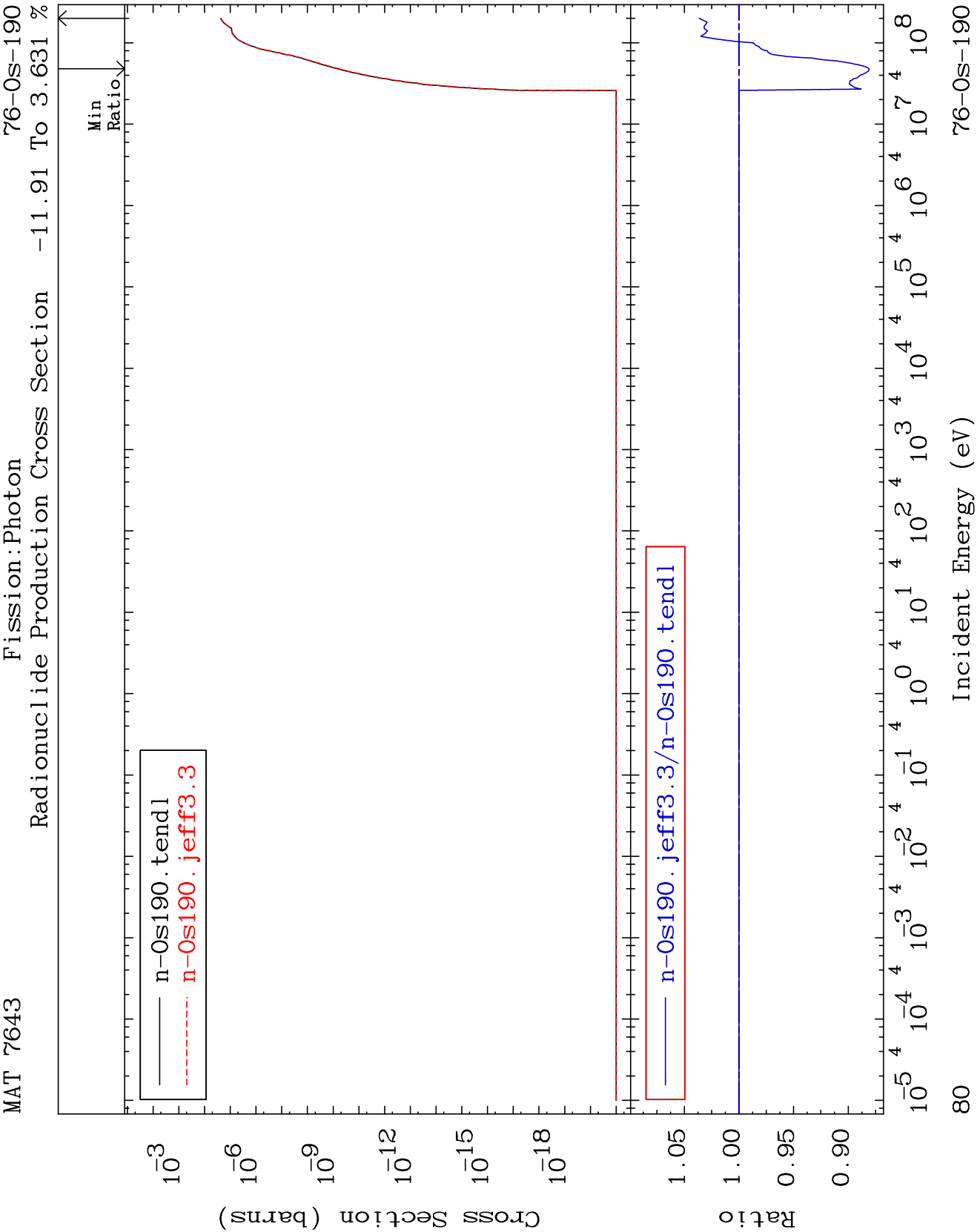
(n,2n):76-Os-189m1

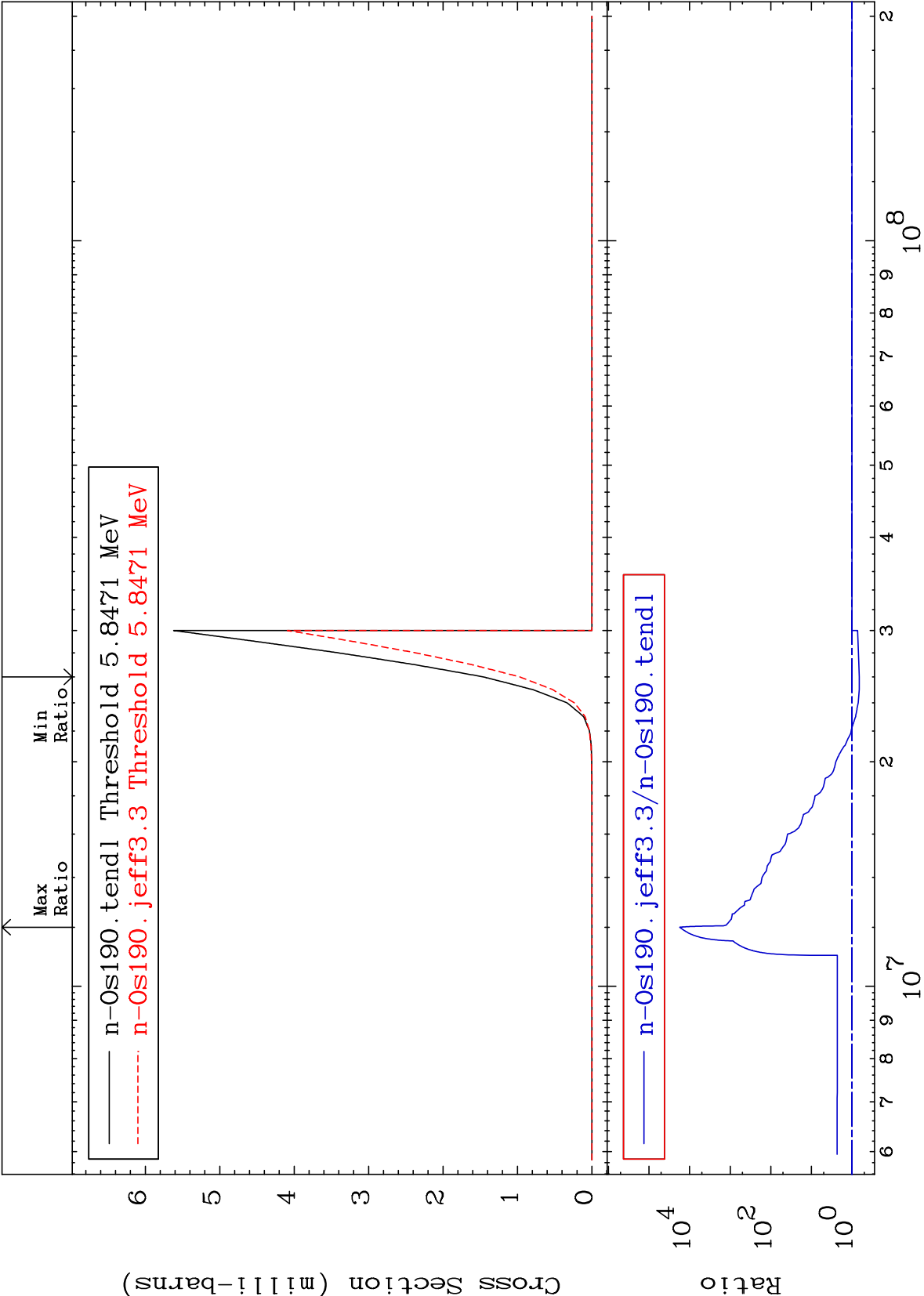
76-Os-190

Radionuclide Production Cross Section

-7.996 To 2.174 %





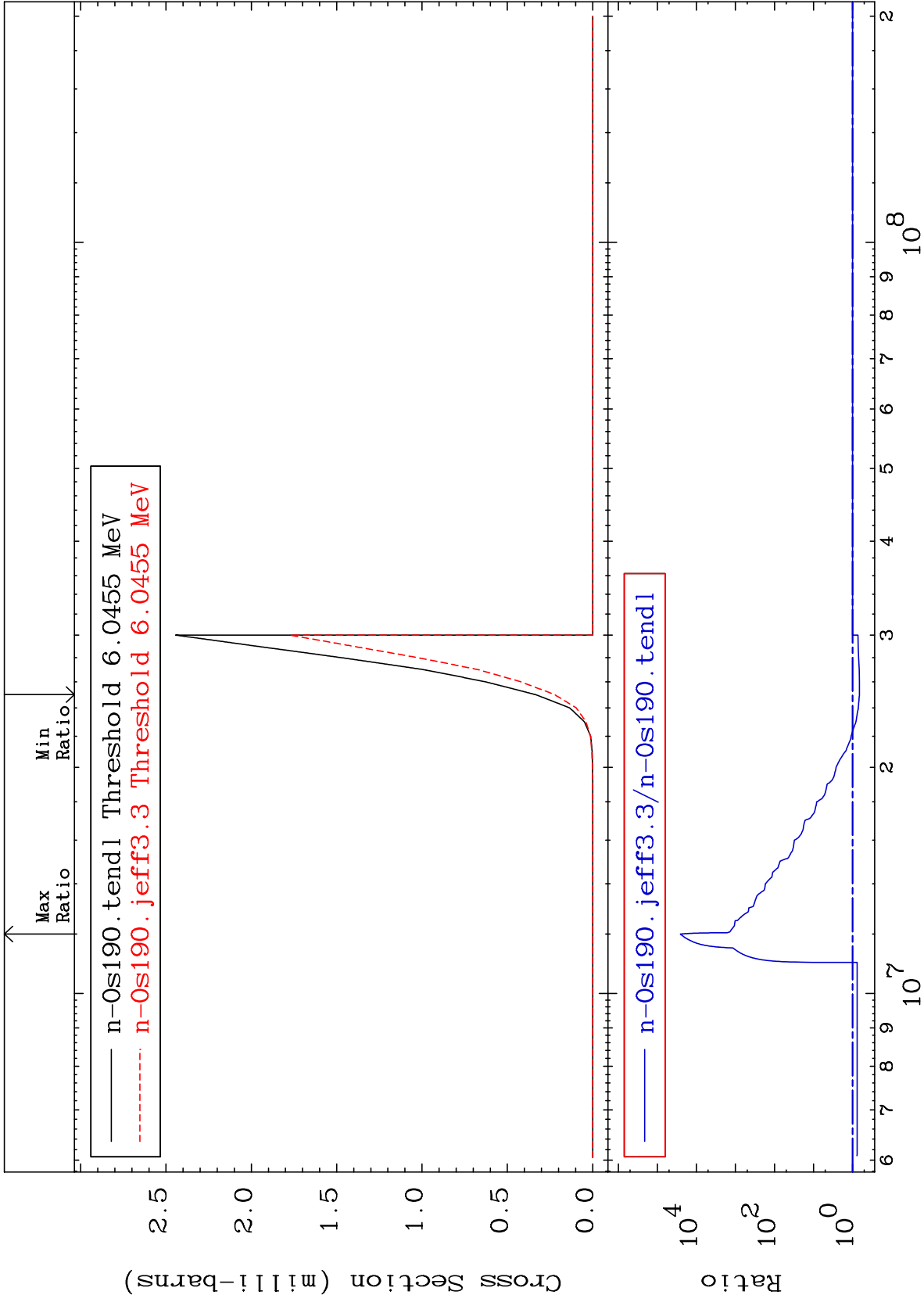


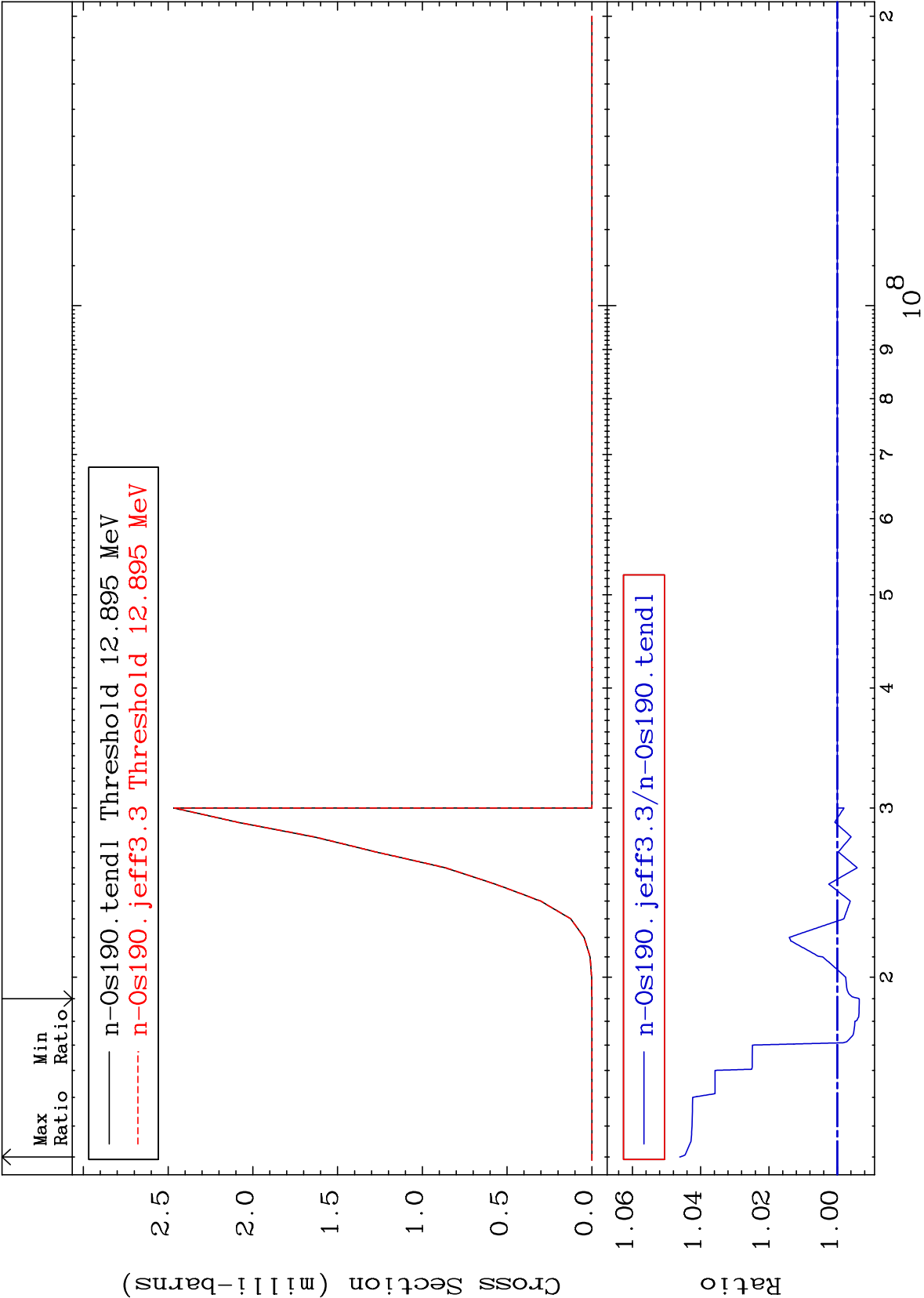
MAT 7643

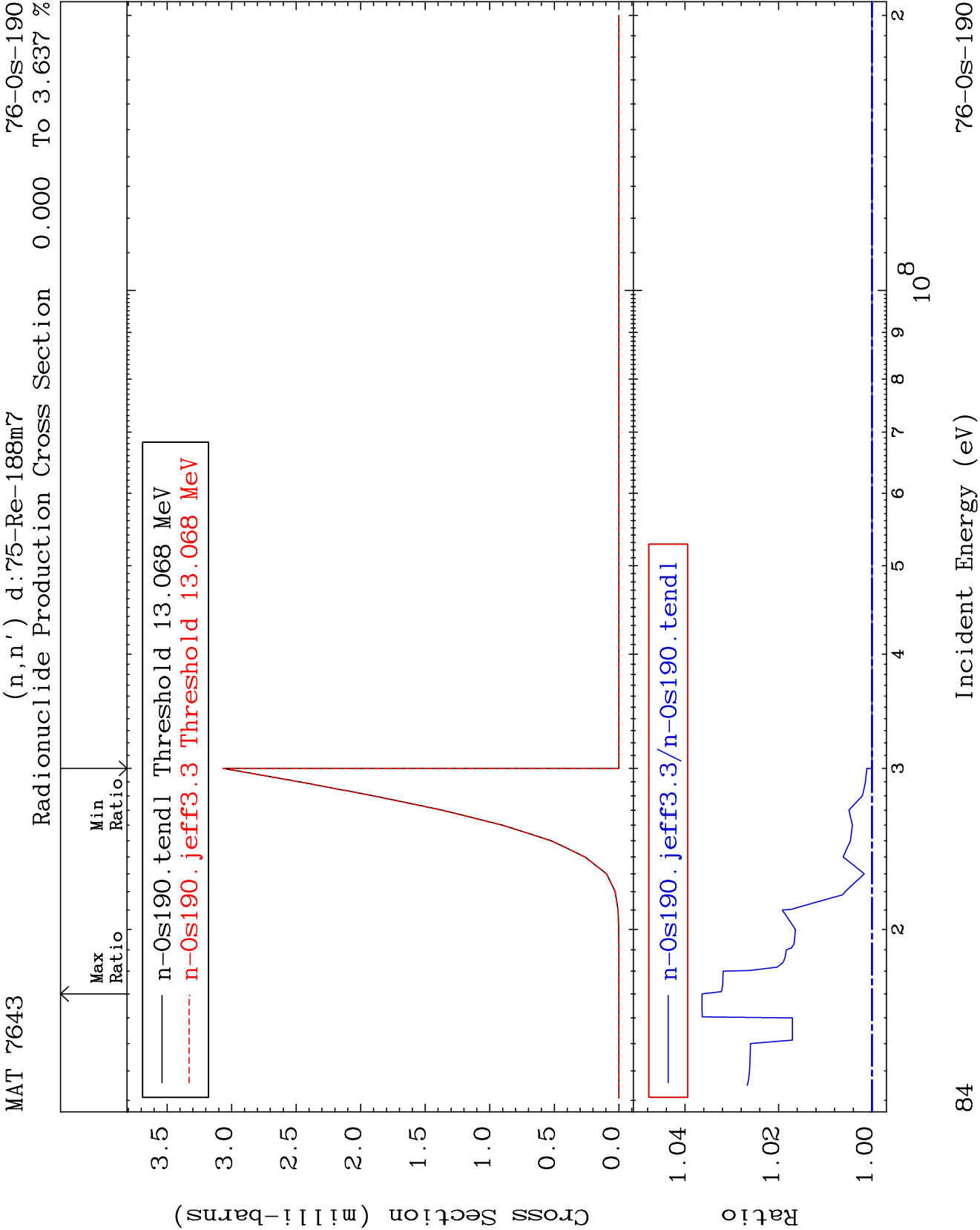
(n,2n) α :74-W -185m6

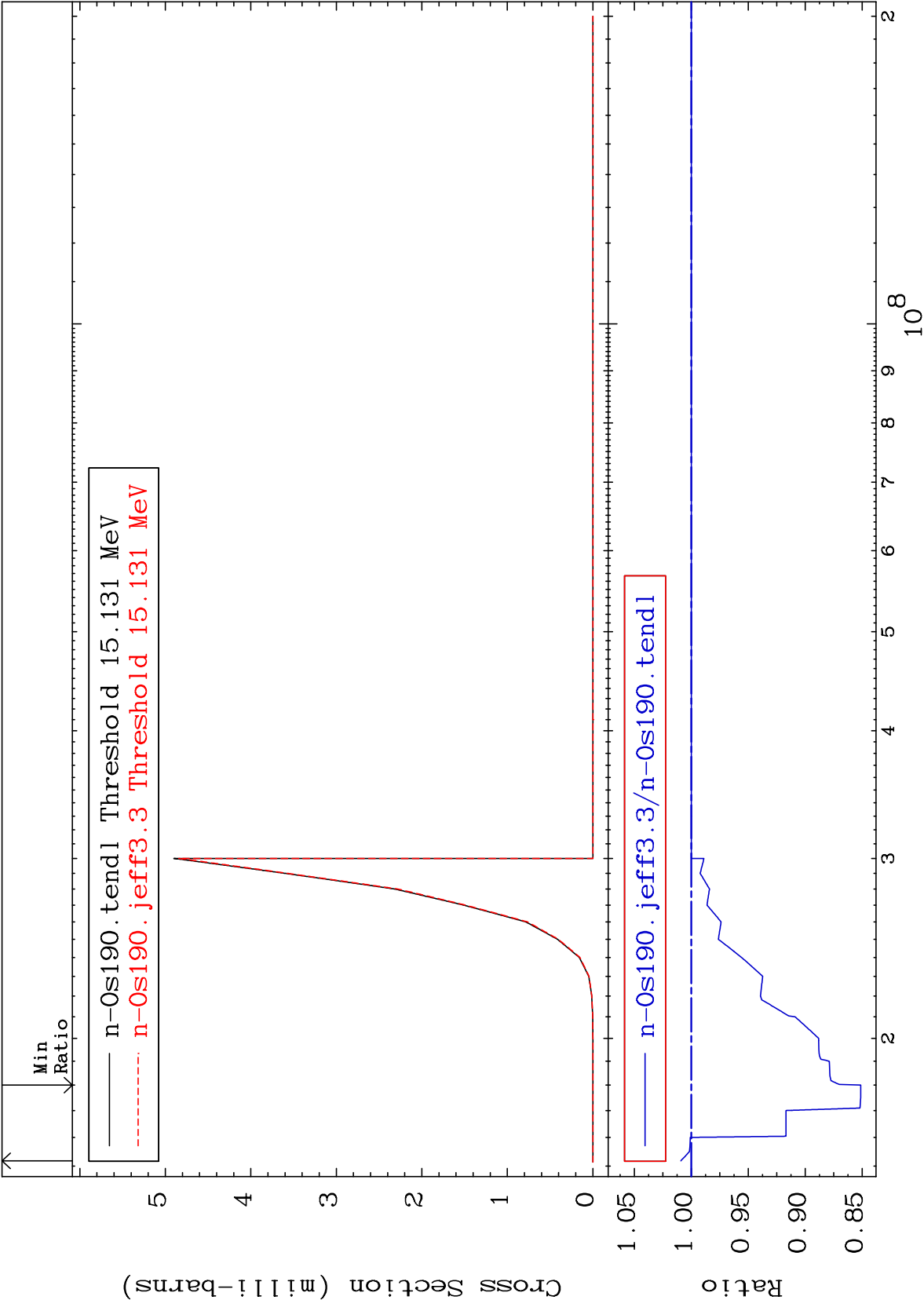
76-0s-190

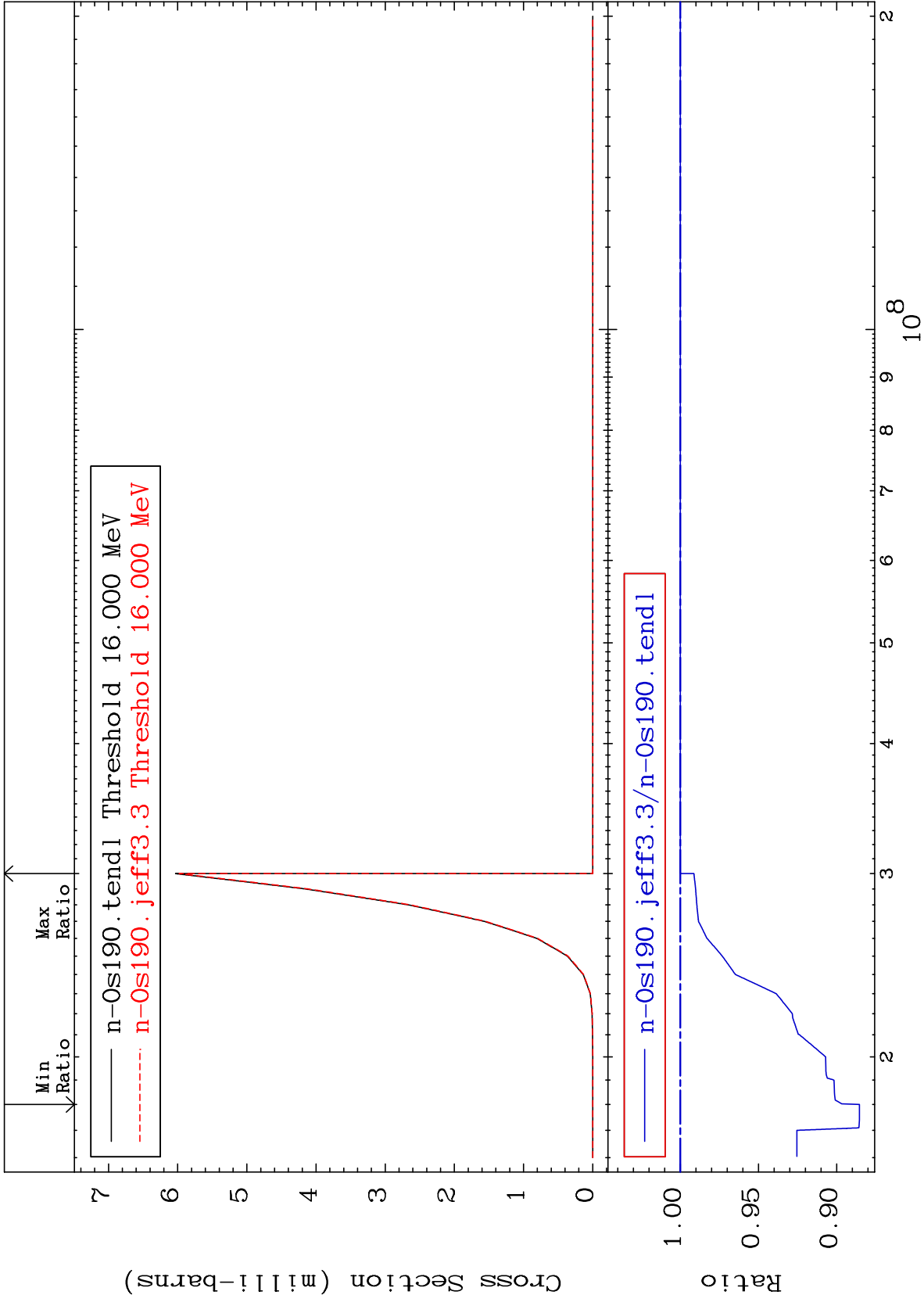
Radionuclide Production Cross Section -33.35 To 9999. %











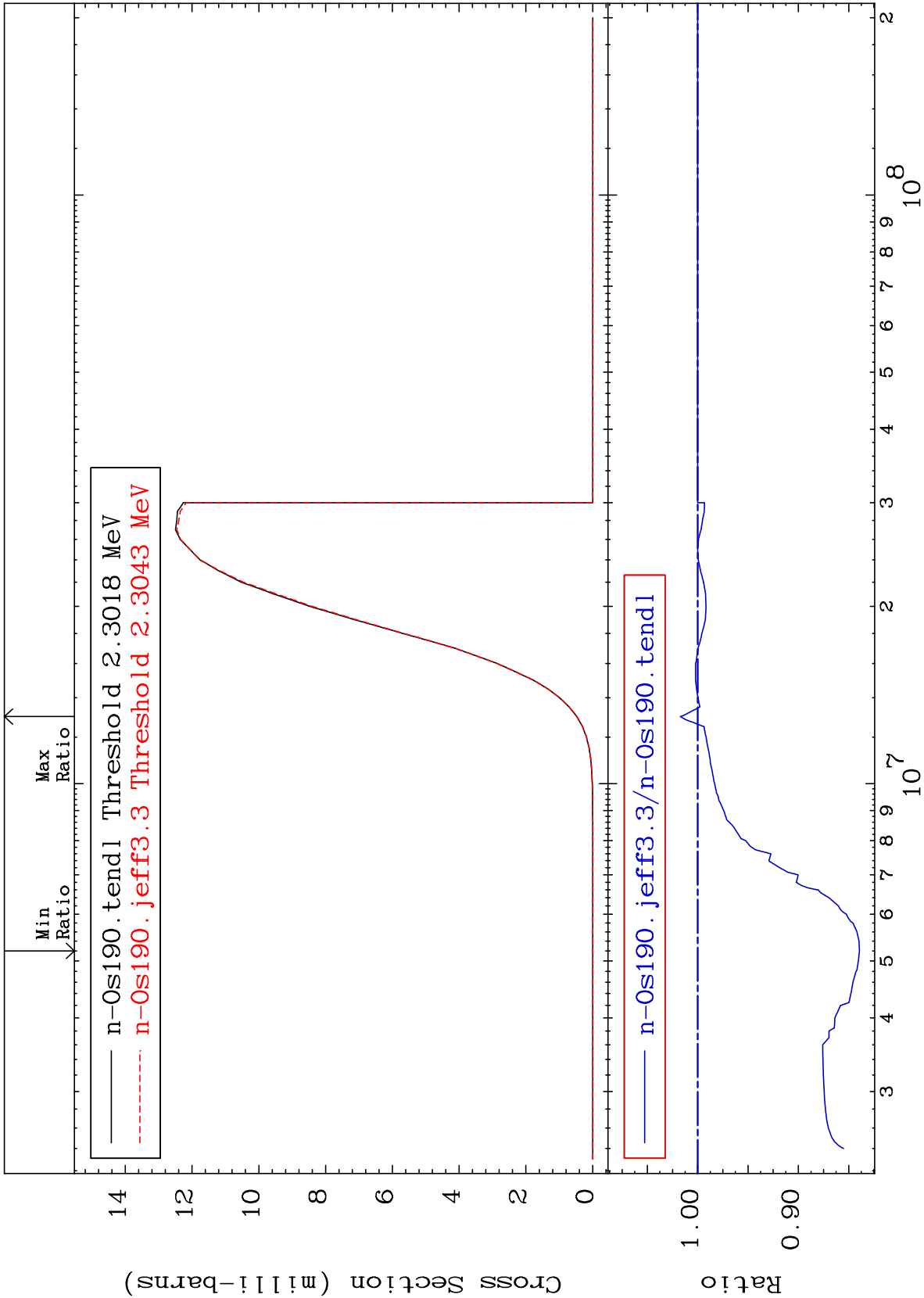
MAT 7643

(n,p) : 75-Re-190g

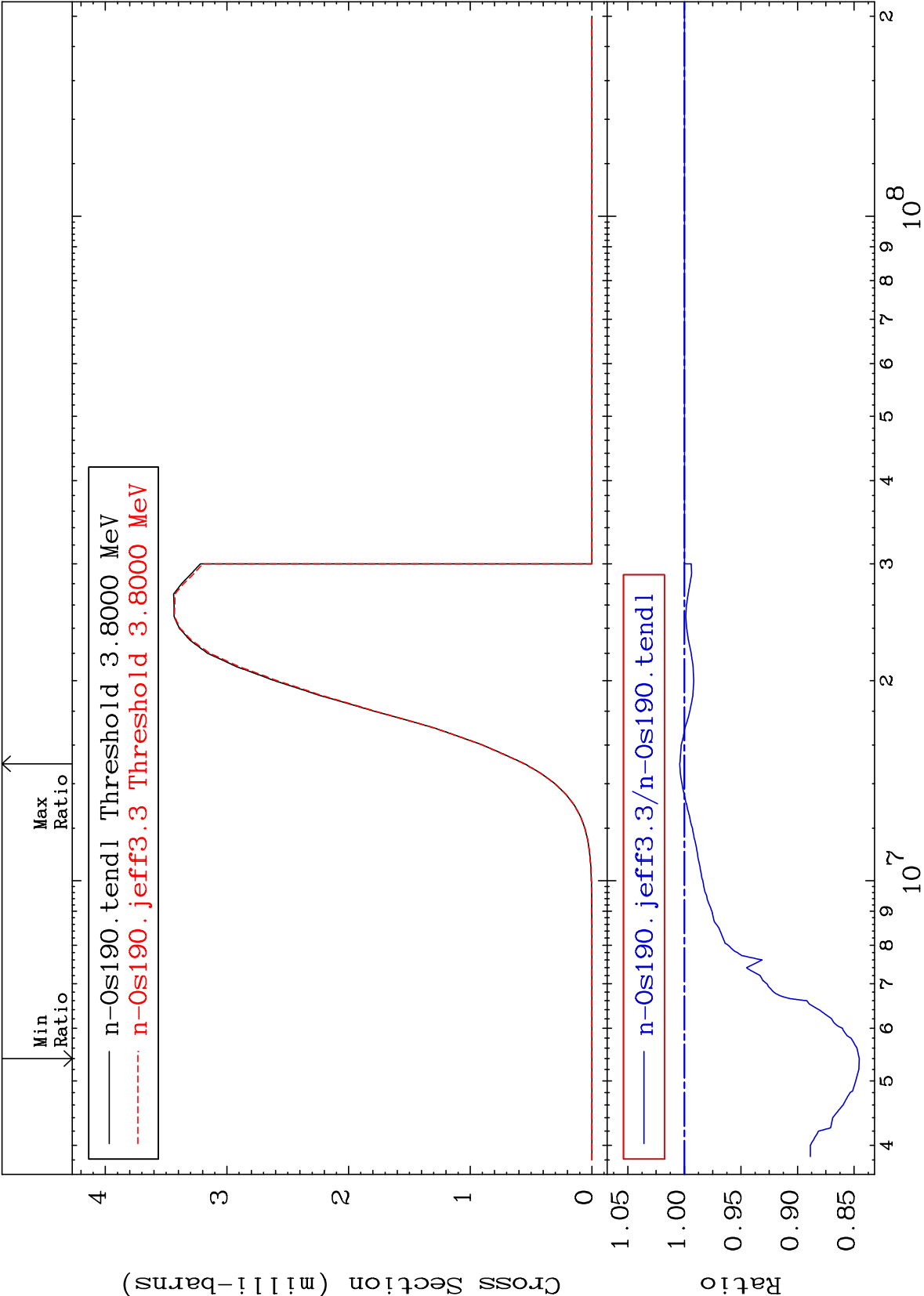
76-Os-190

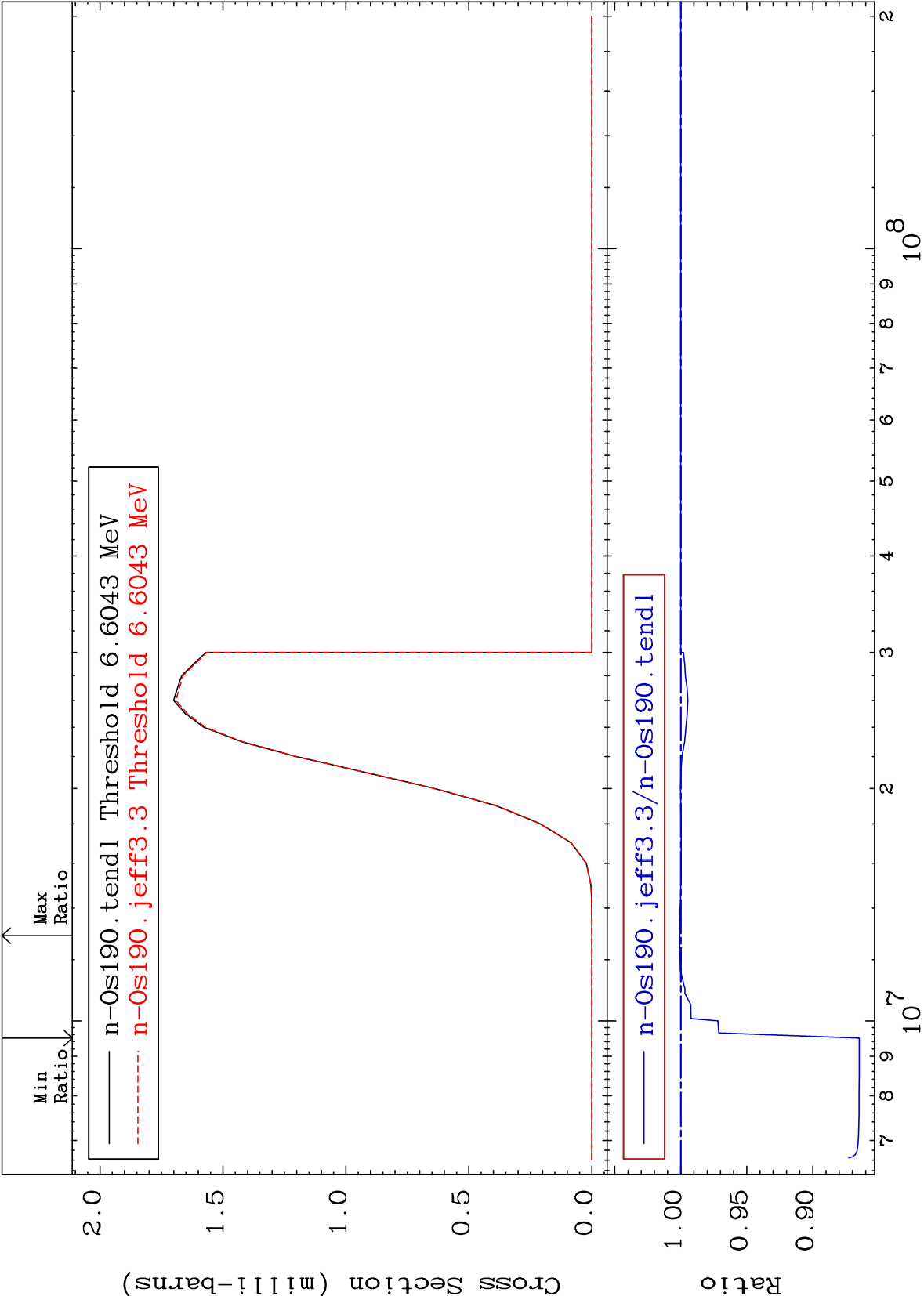
Radionuclide Production Cross Section

-16.06 To 1.720 %



Radionuclide Production Cross Section -15.46 To 0.414 %





MAT 7643

(n,t):75-Re-188m7

76-Os-190

Radionuclide Production Cross Section

-11.43 To 0.887 %

