

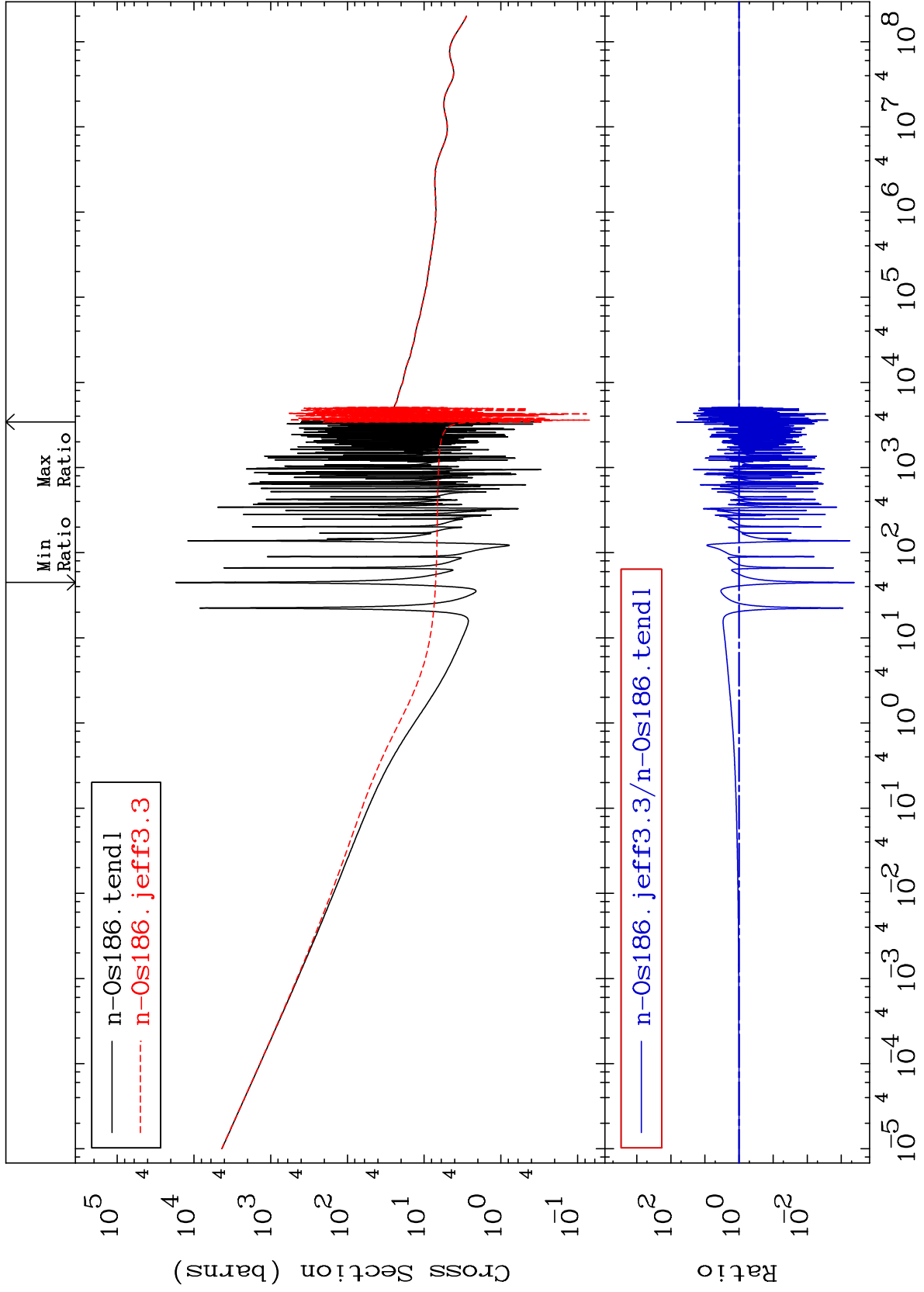
MAT 7631

Total

76-0s-186

Cross Section

-99.96 To 6599. %



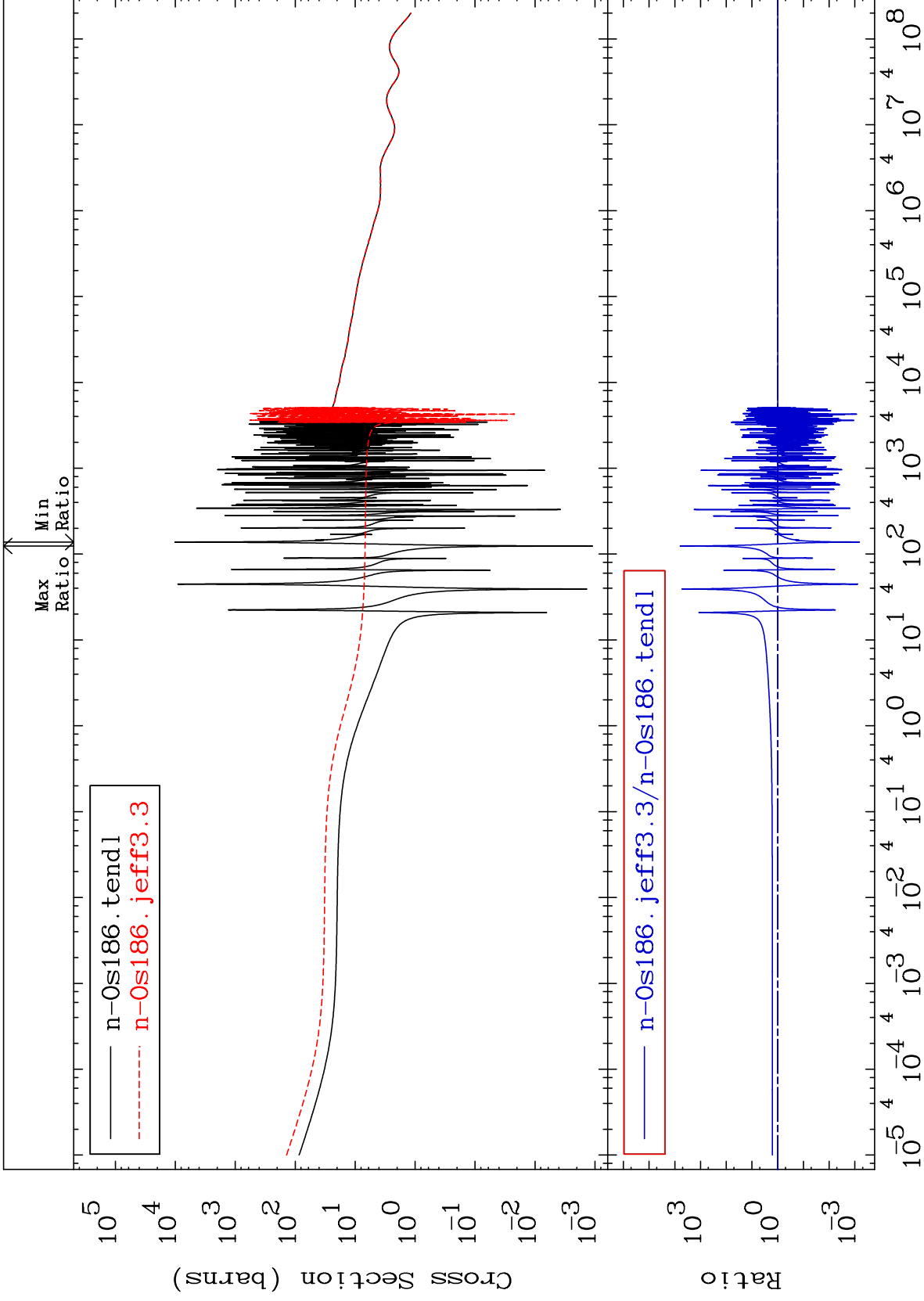
Incident Energy (eV)

76-0s-186

MAT 7631

Elastic
Cross Section

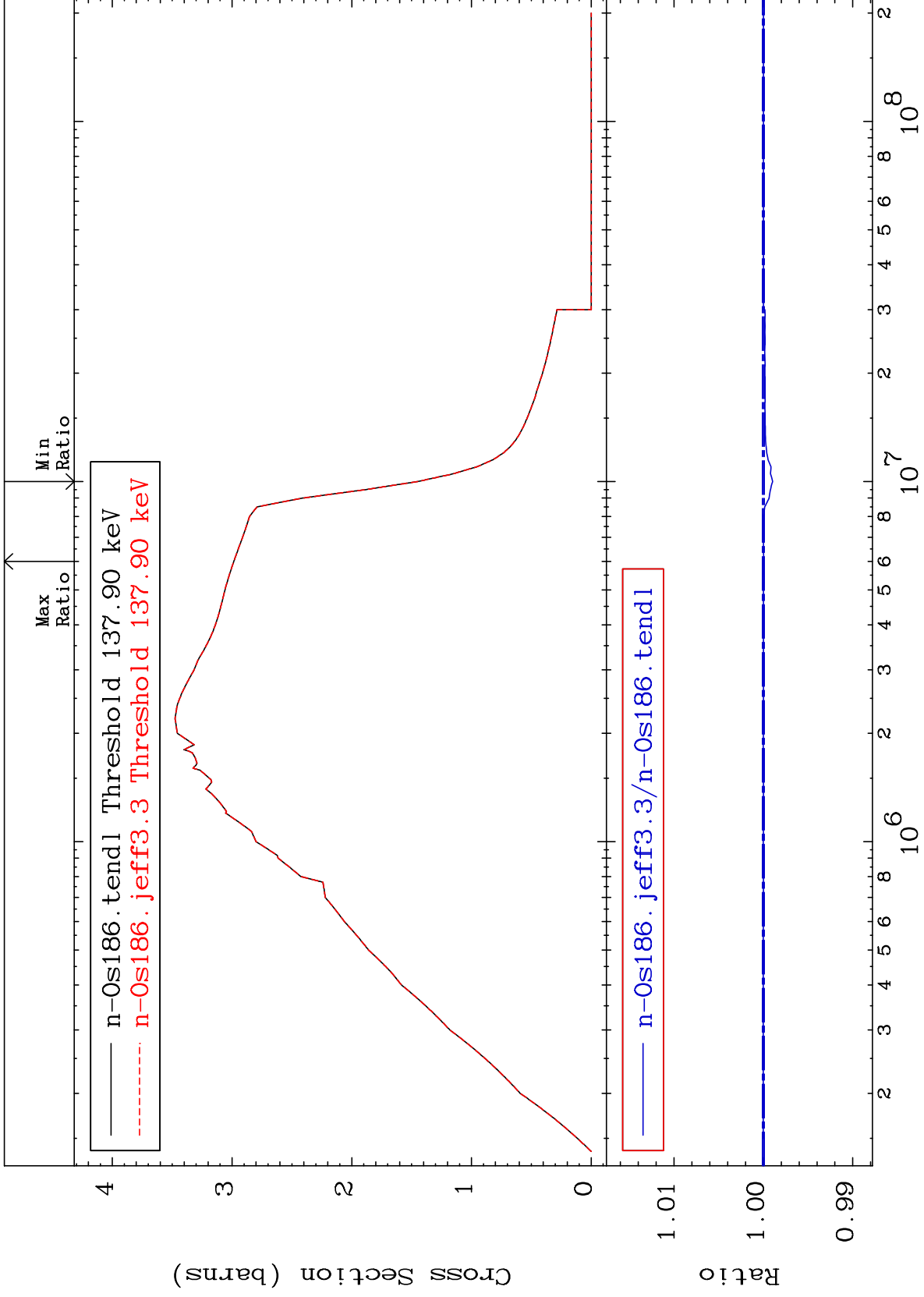
76-0s-186
-99.93 To 9999. %



MAT 7631

Inelastic
Cross Section

76-0s-186
-0.104 To 0.002 %



3

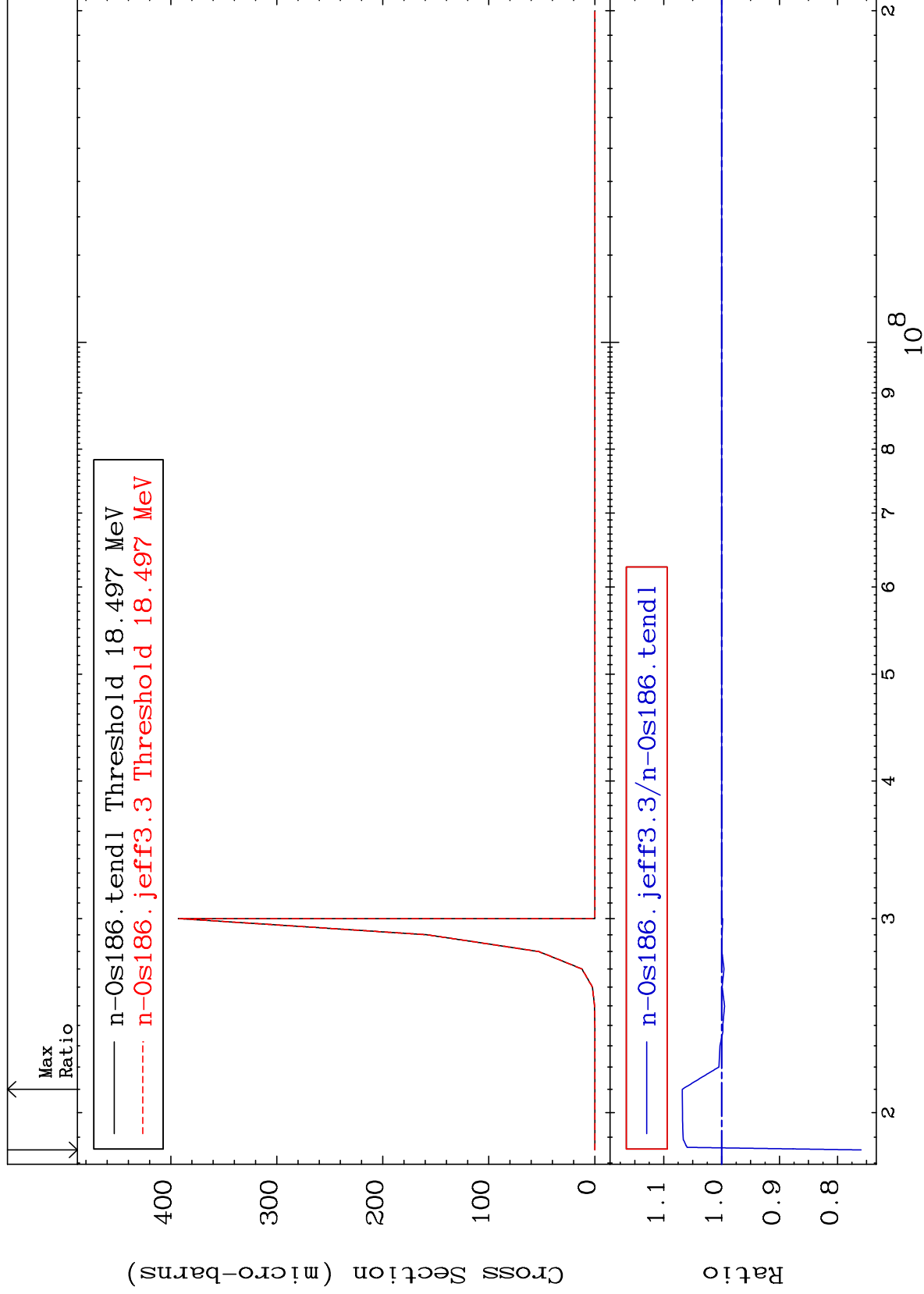
Incident Energy (eV)

76-0s-186

MAT 7631

(n,2n) d
Cross Section

76-0s-186
-24.08 To 6.789 %



4

Incident Energy (eV)

76-0s-186

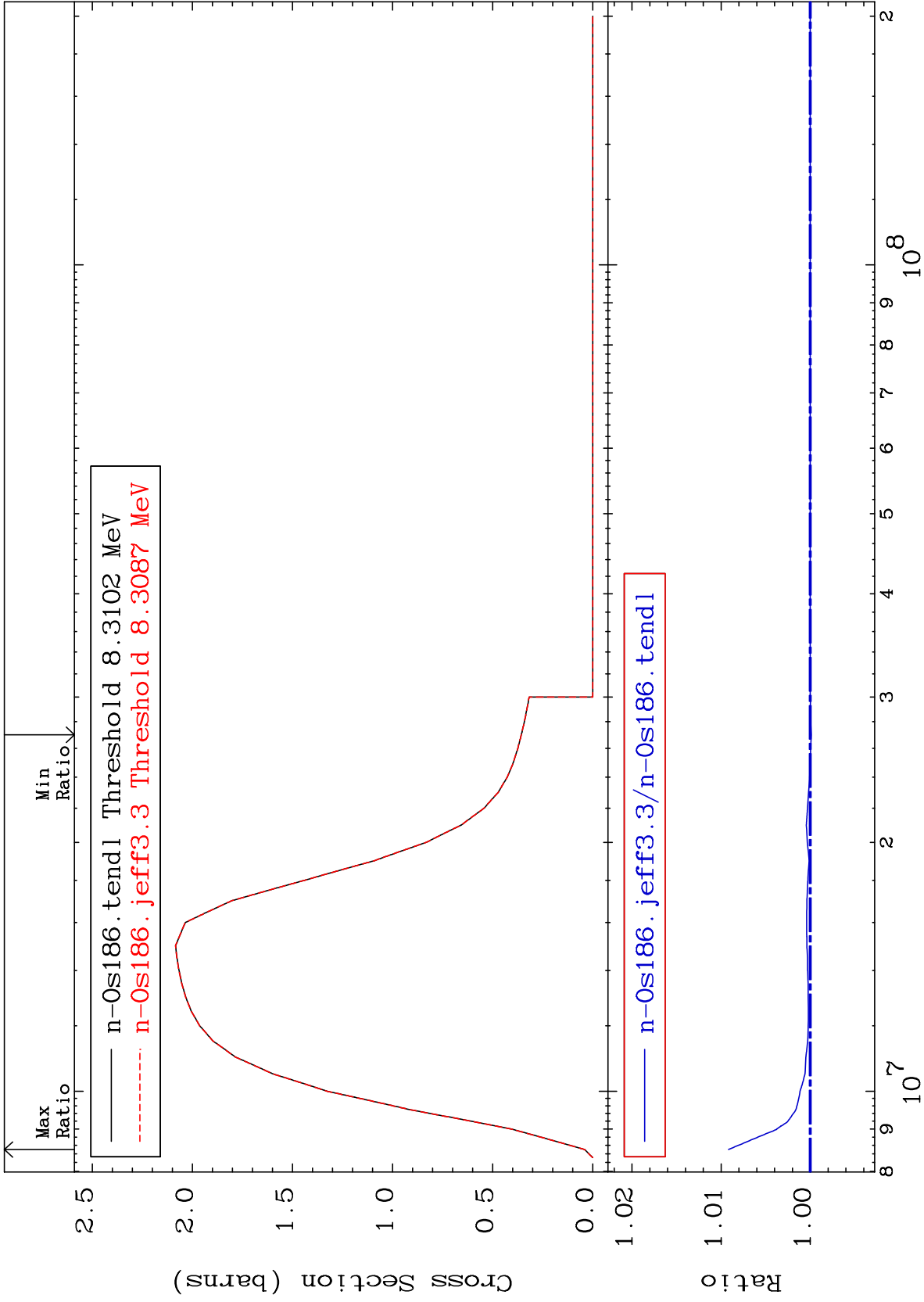
MAT 7631

(n,2n)

76-0s-186

Cross Section

-0.011 To 0.916 %



Incident Energy (eV)

76-0s-186

MAT 7631

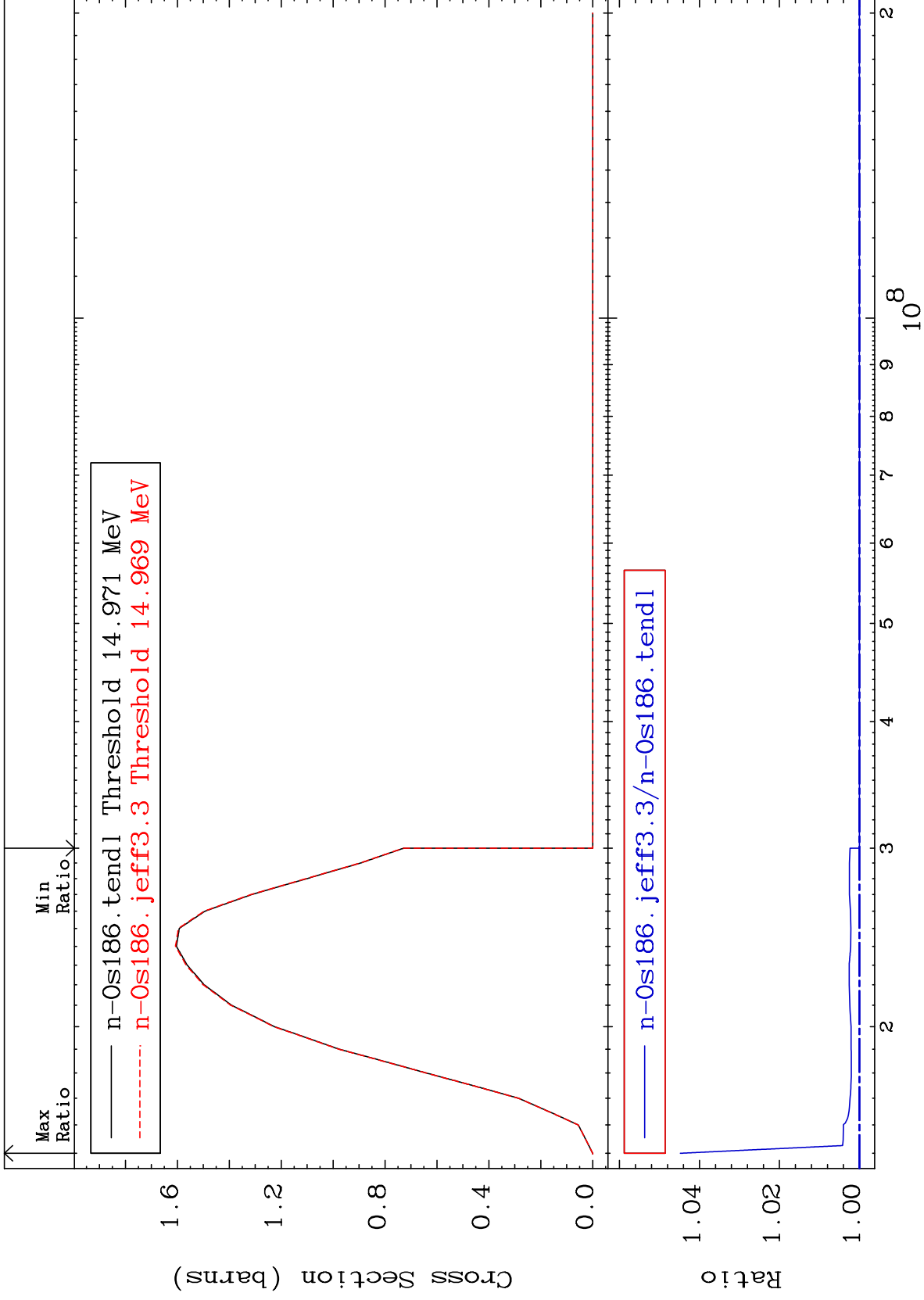
(n,3n)

76-0s-186

Cross Section

0.000

To 4.478 %



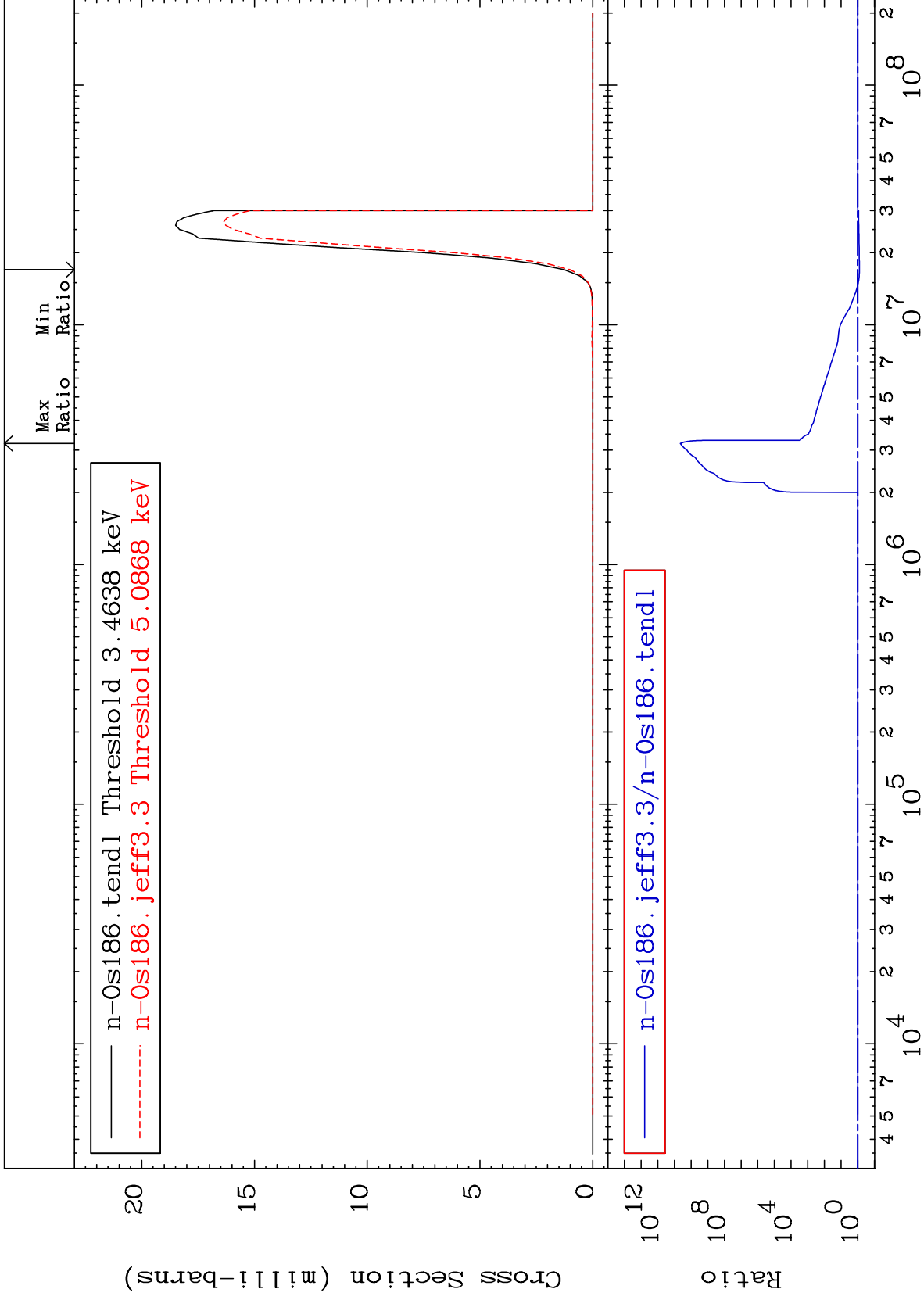
MAT 7631

(n,n') α

76-0s-186

Cross Section

-20.29 To 9999. %



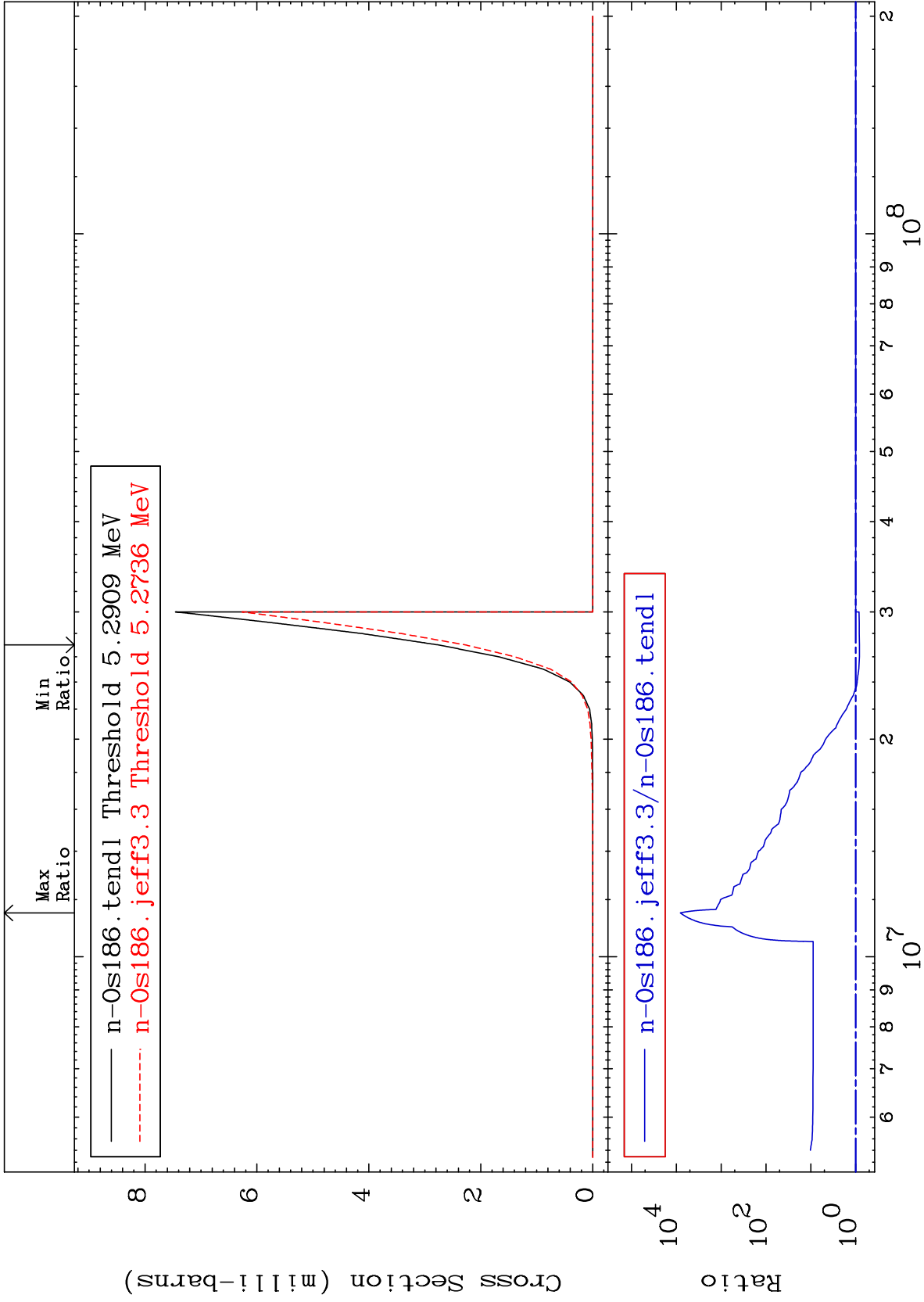
MAT 7631

(n,2n) α

76-0s-186

Cross Section

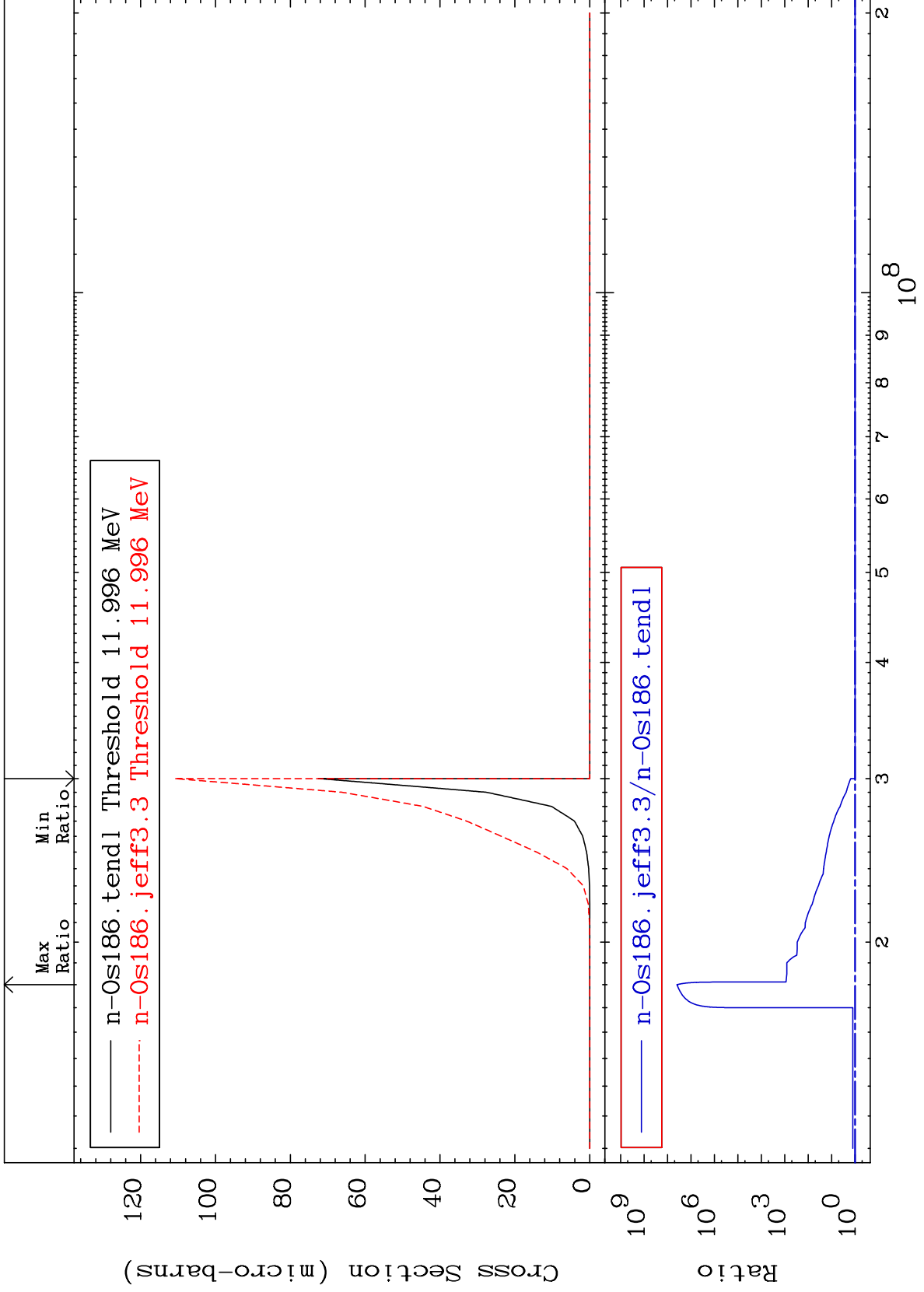
-17.56 To 9999. %



MAT 7631

(n,3n) α
Cross Section

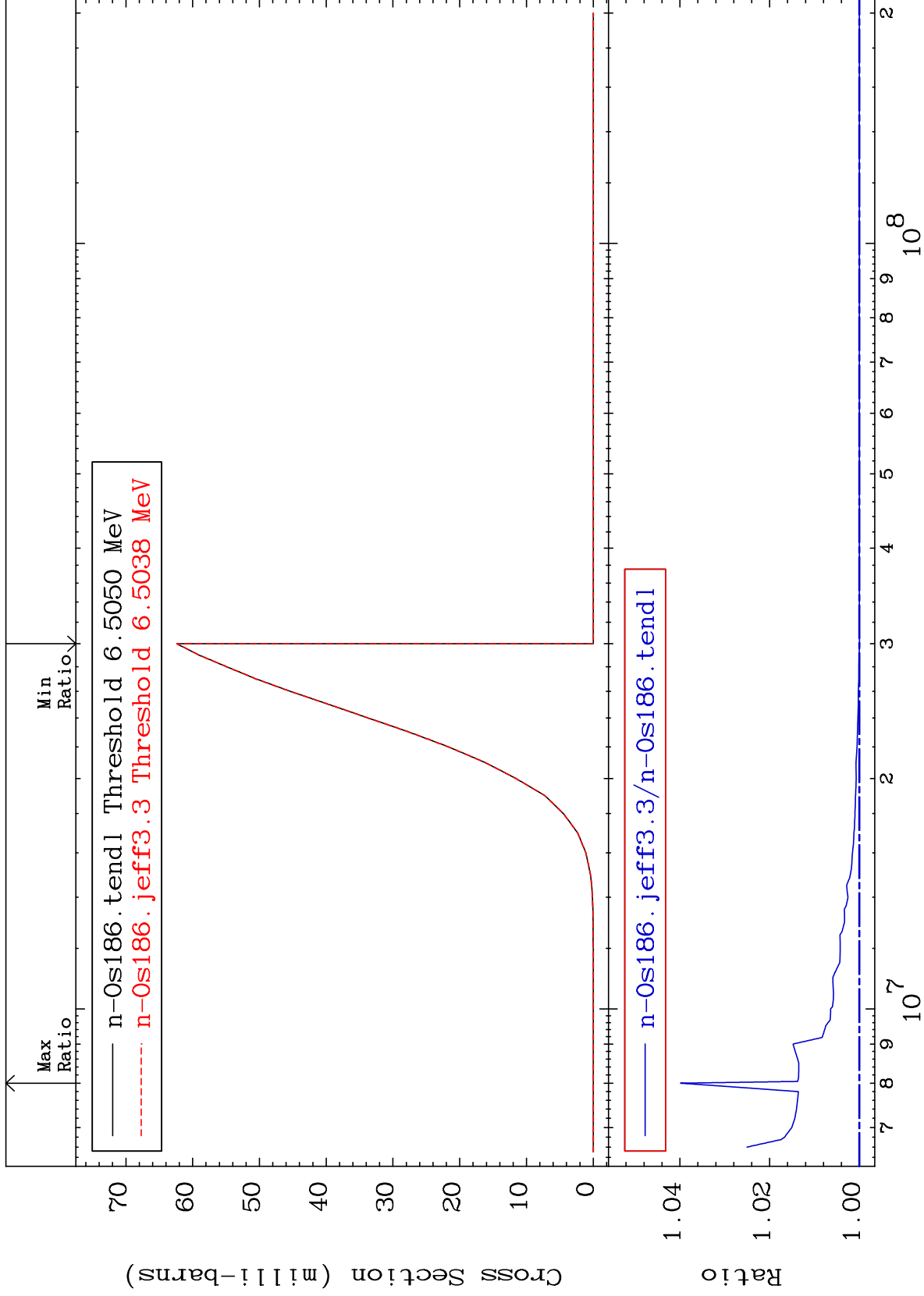
76-0s-186
To 9999. %
0.000



MAT 7631

(n,n') p
Cross Section

76-0s-186
-0.003 To 3.981 %



10

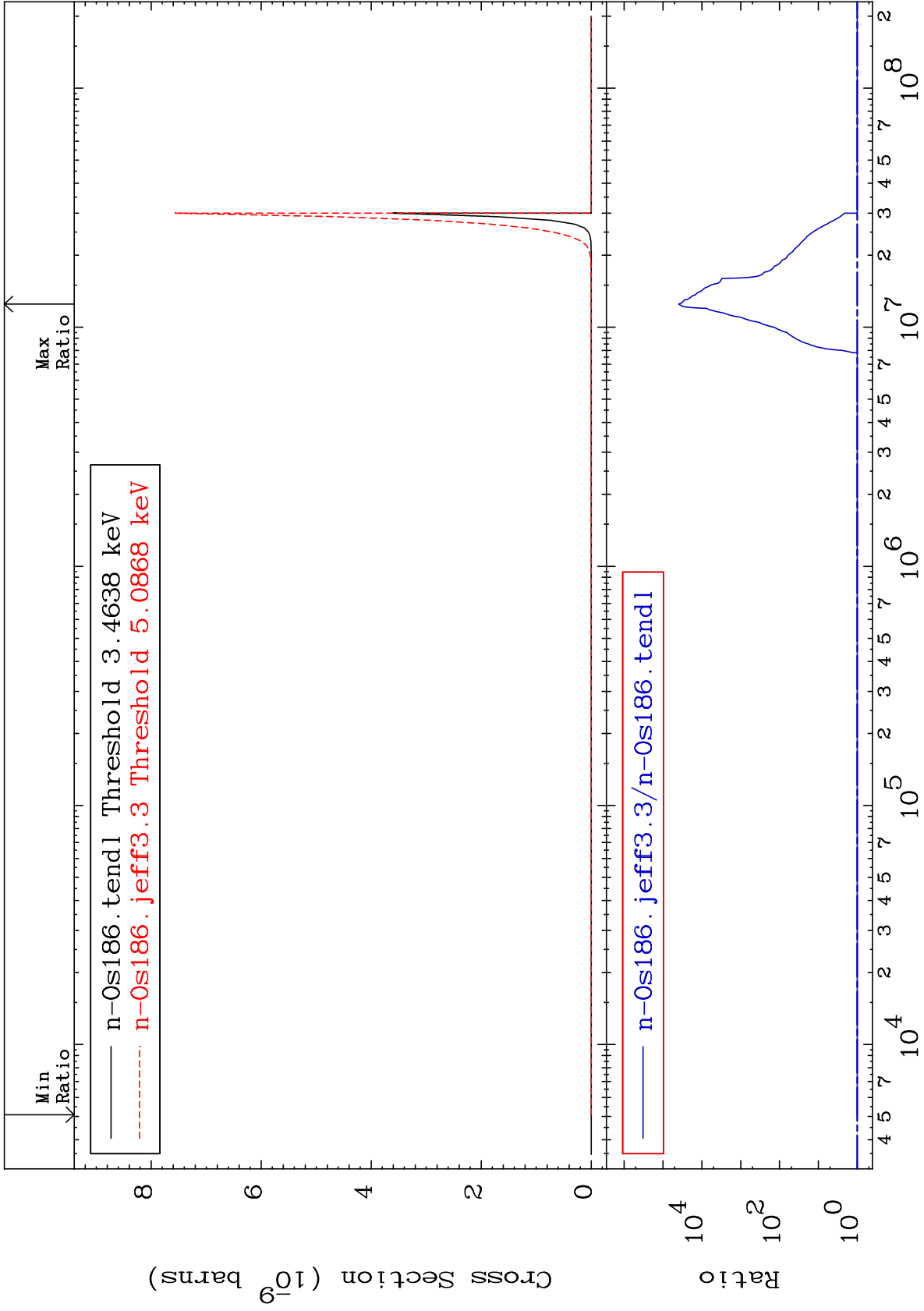
Incident Energy (eV)

76-0s-186

MAT 7631

(n, n') 2α
Cross Section

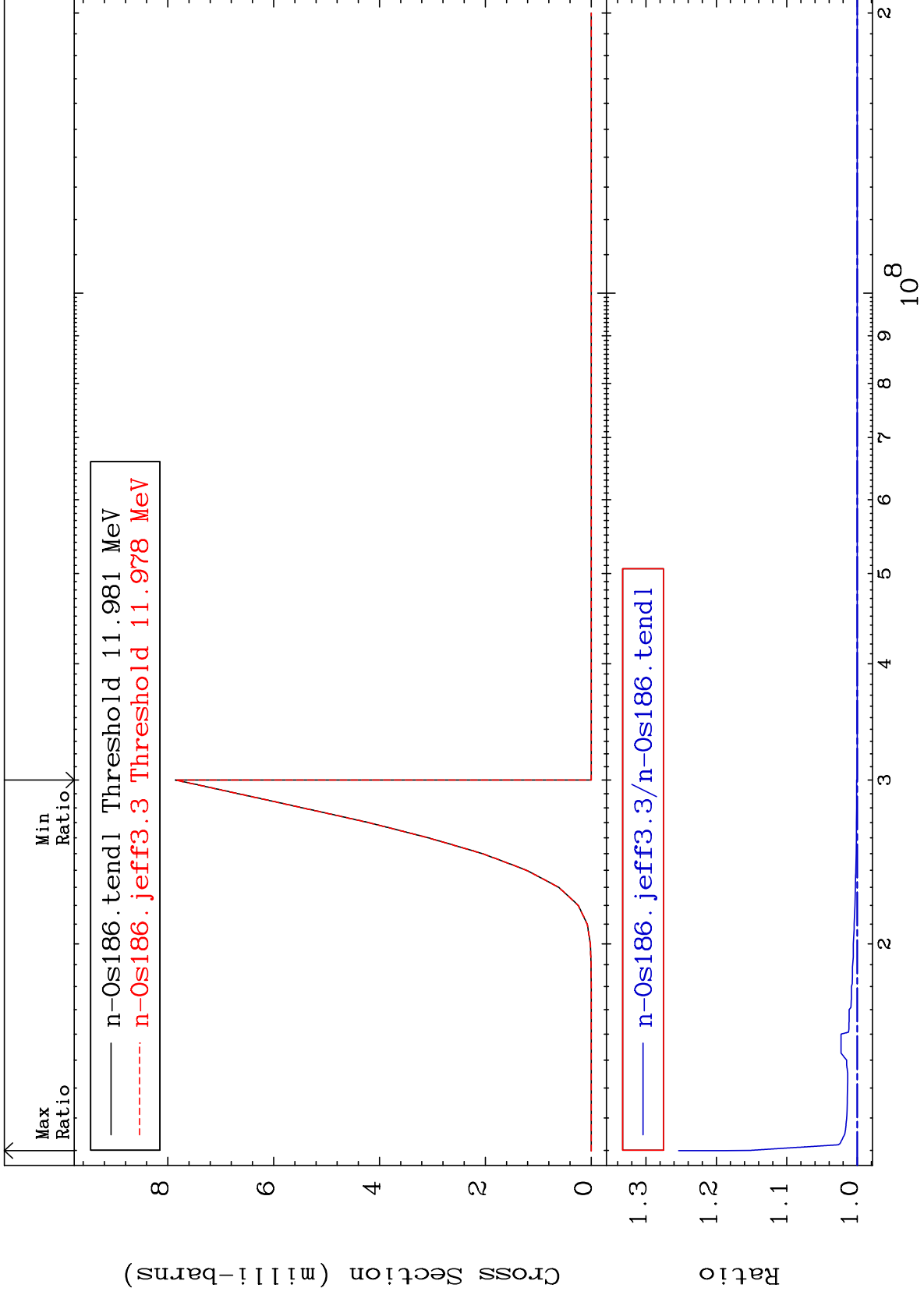
76-0s-186
To 9999. %

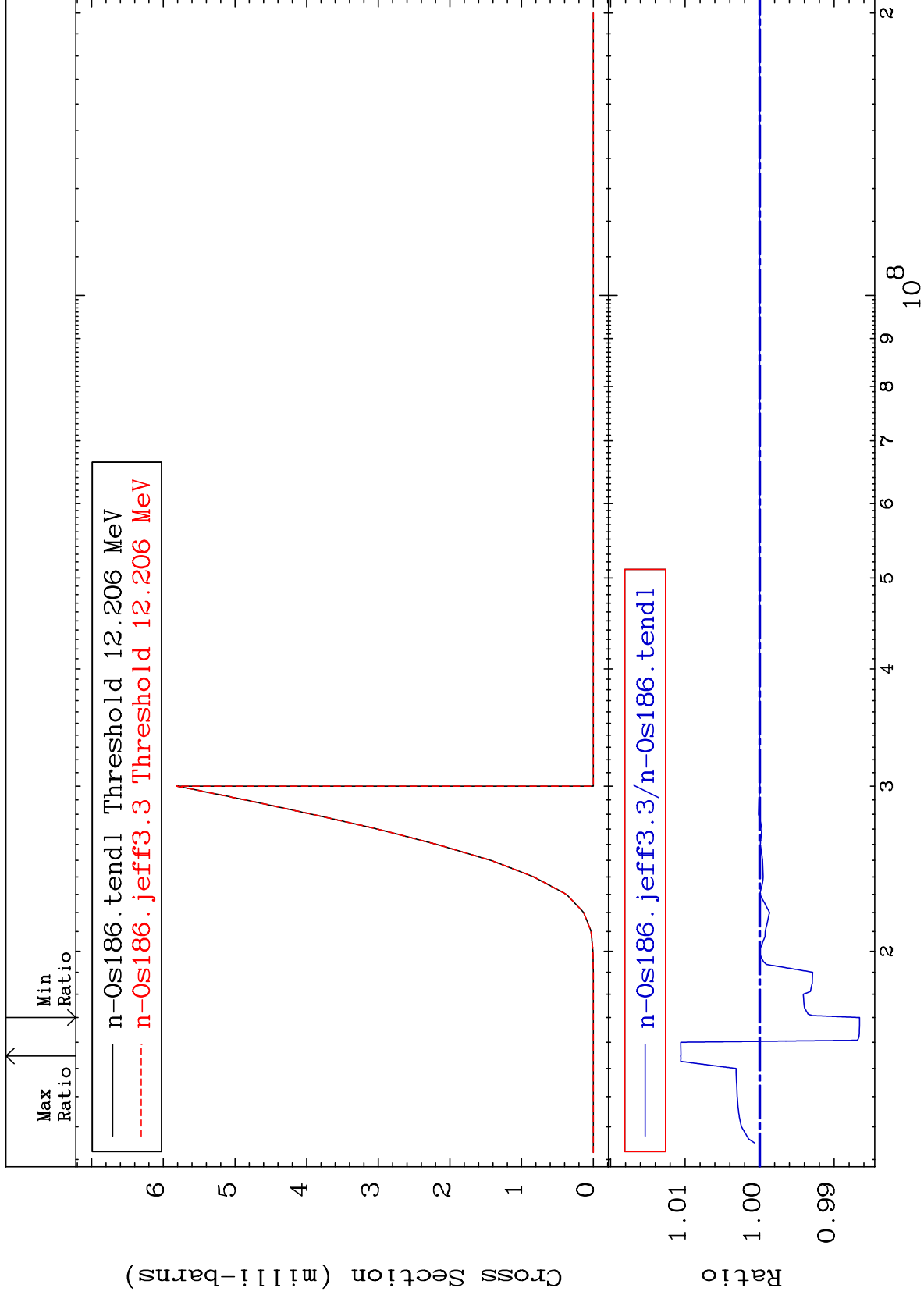


MAT 7631

(n,n') d
Cross Section

76-0s-186
0.000 To 25.36 %

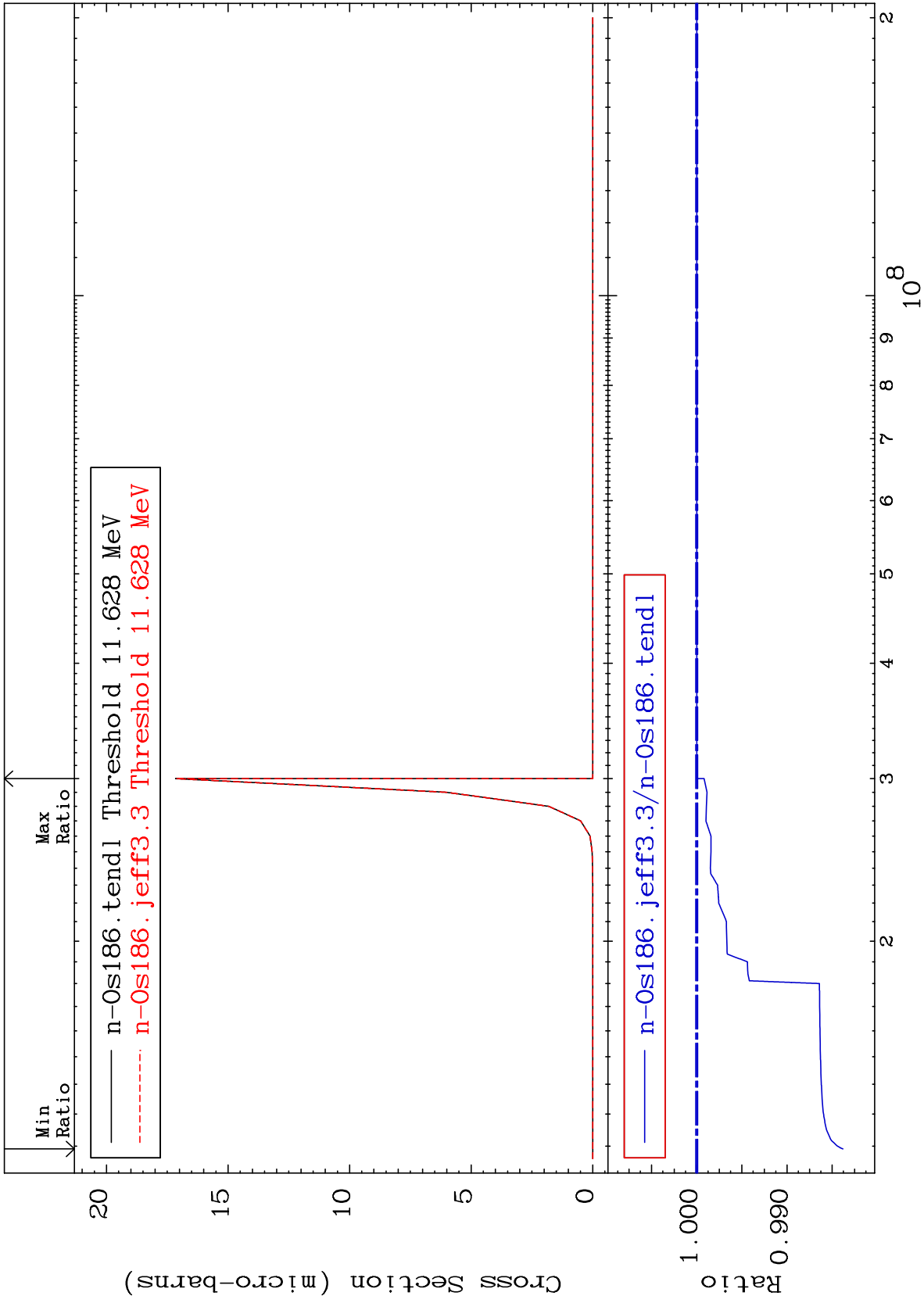


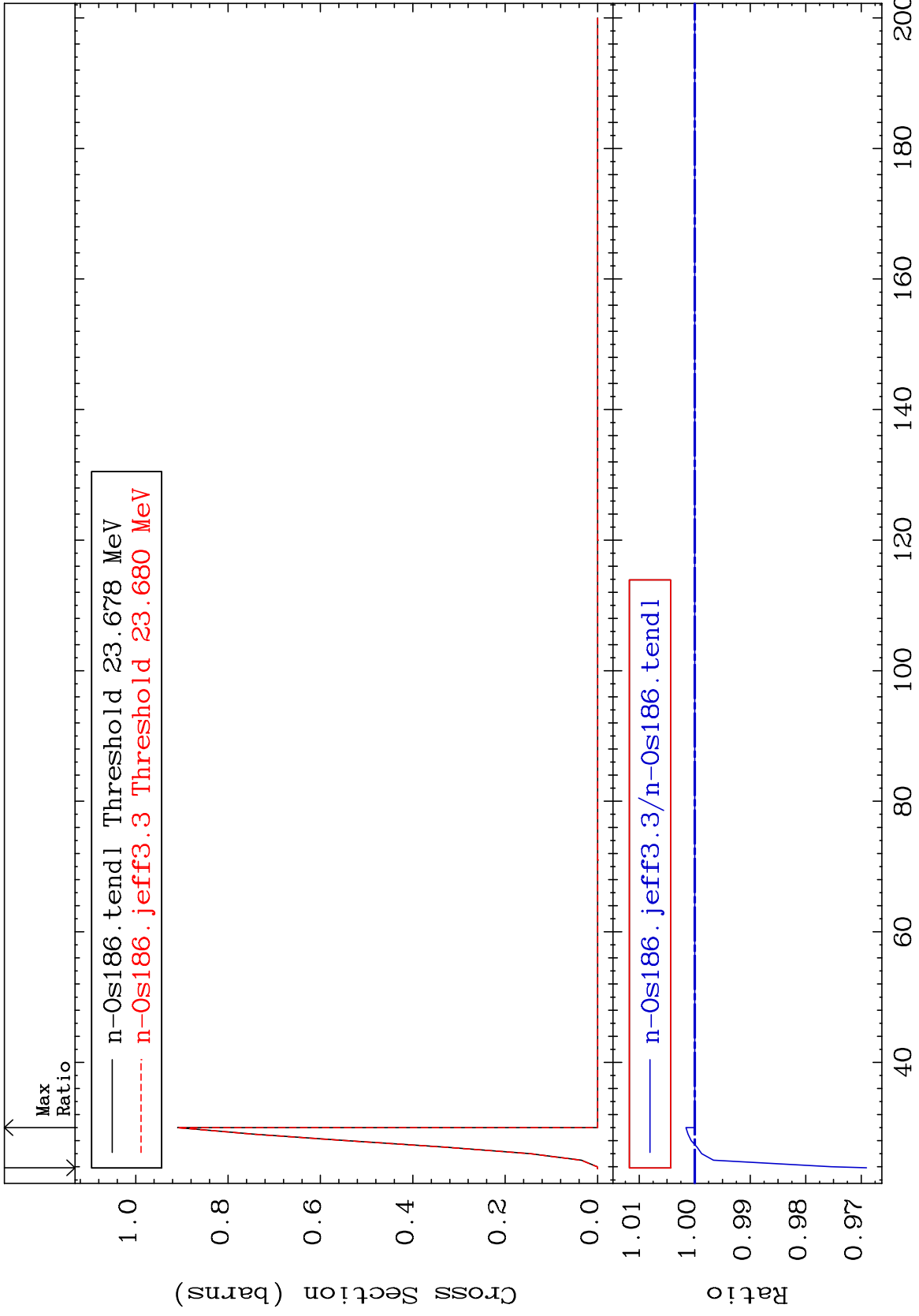


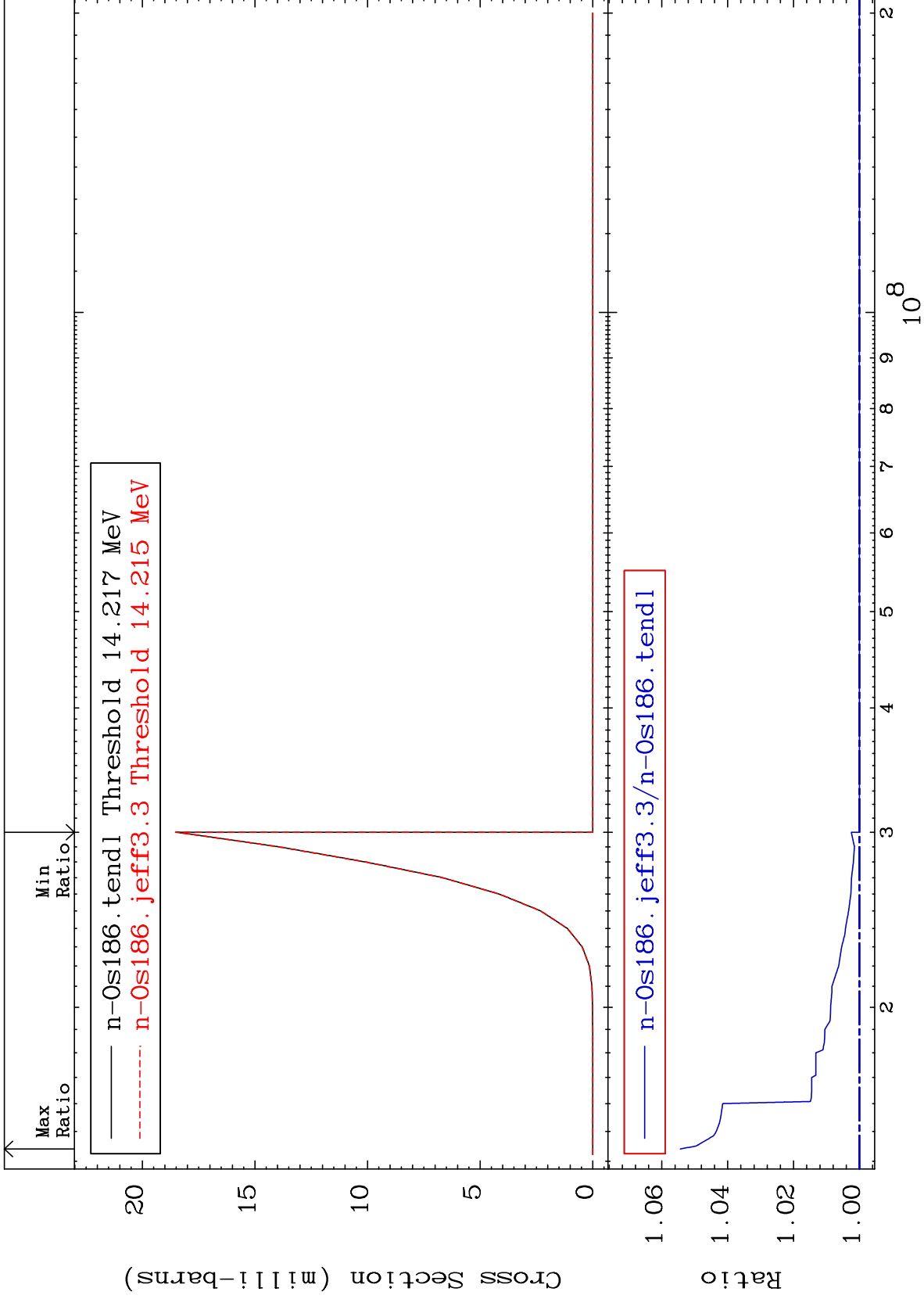
MAT 7631

(n, n') He-3
Cross Section

76-0s-186
-1.621 To 0.000 %



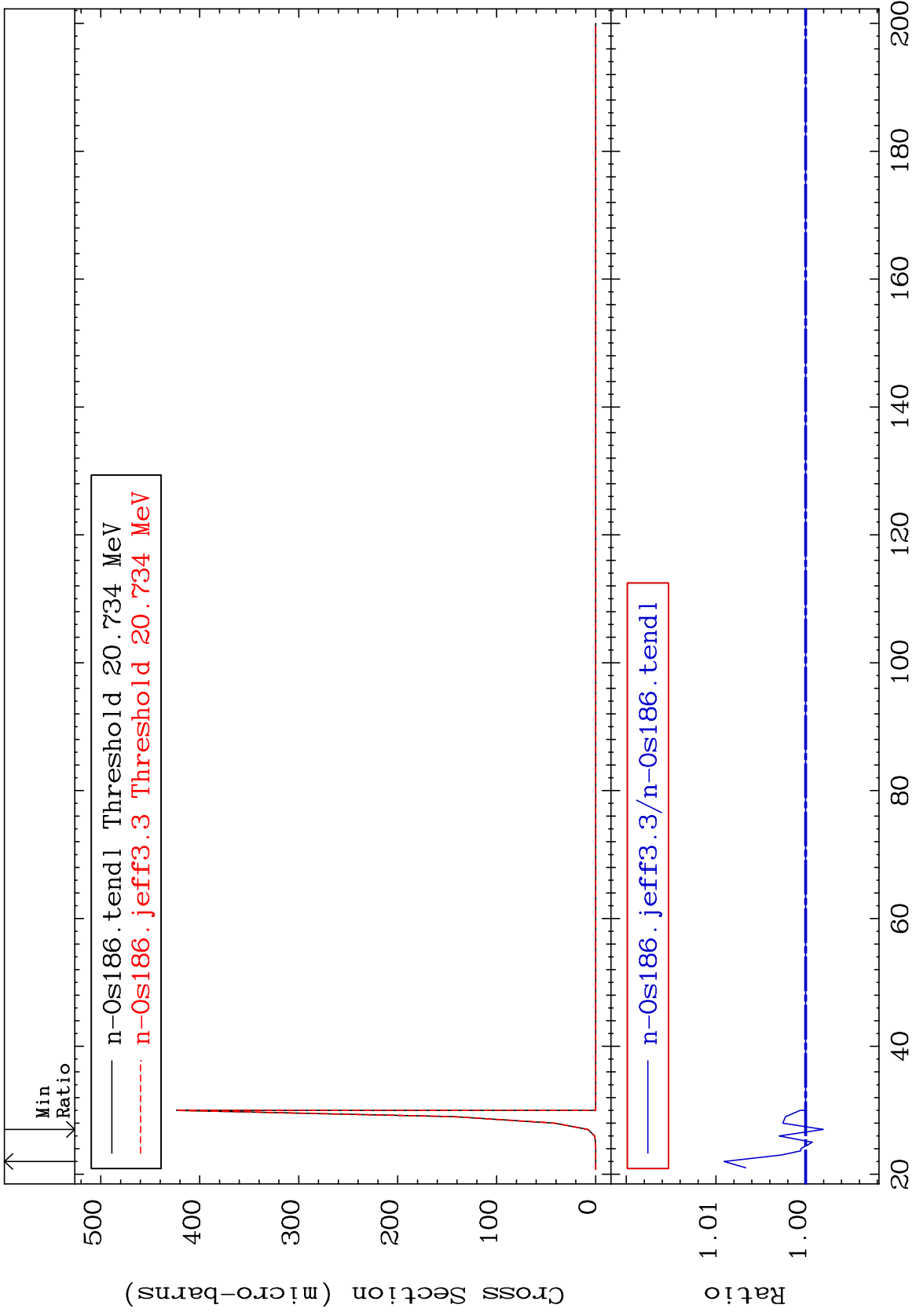


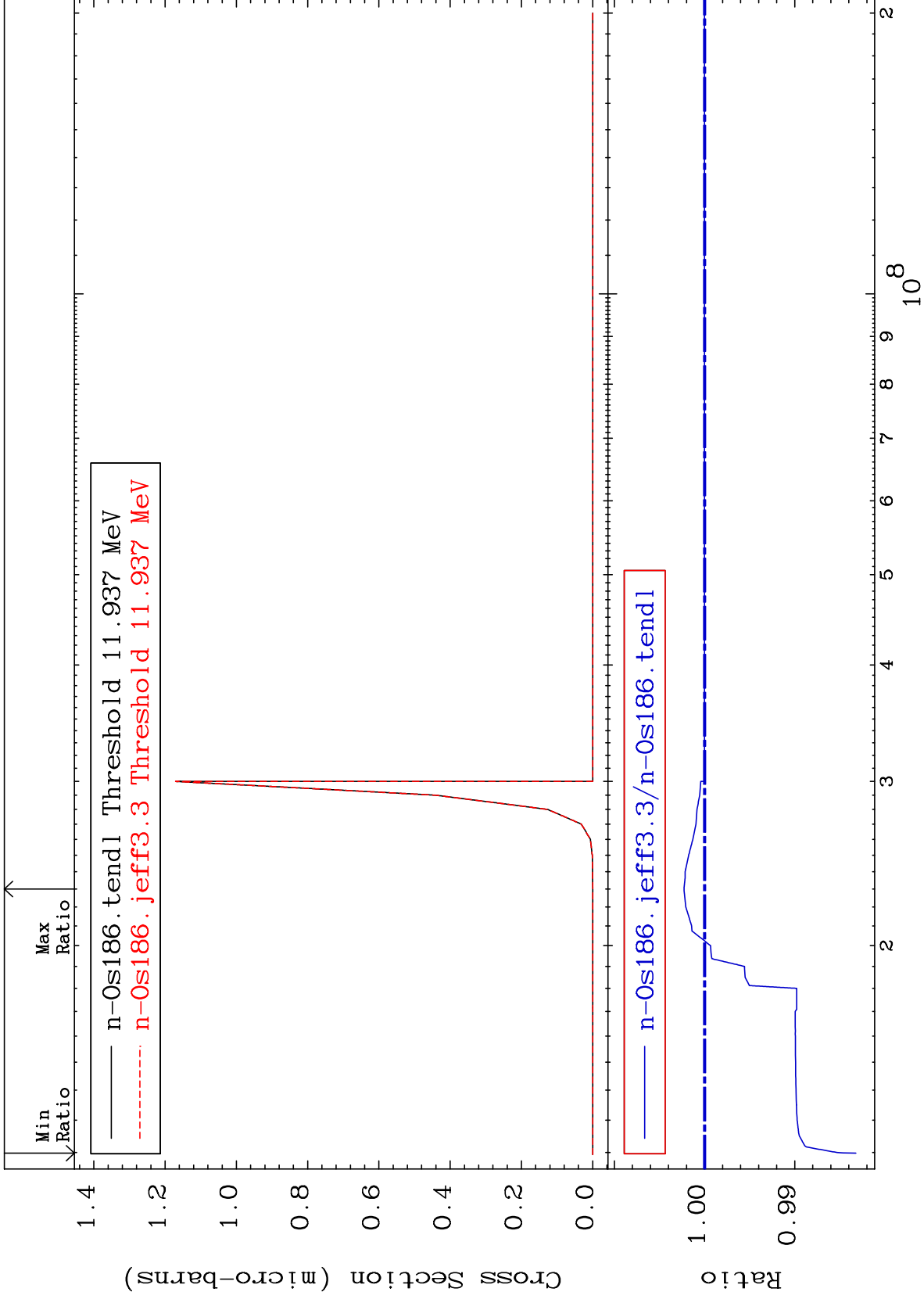


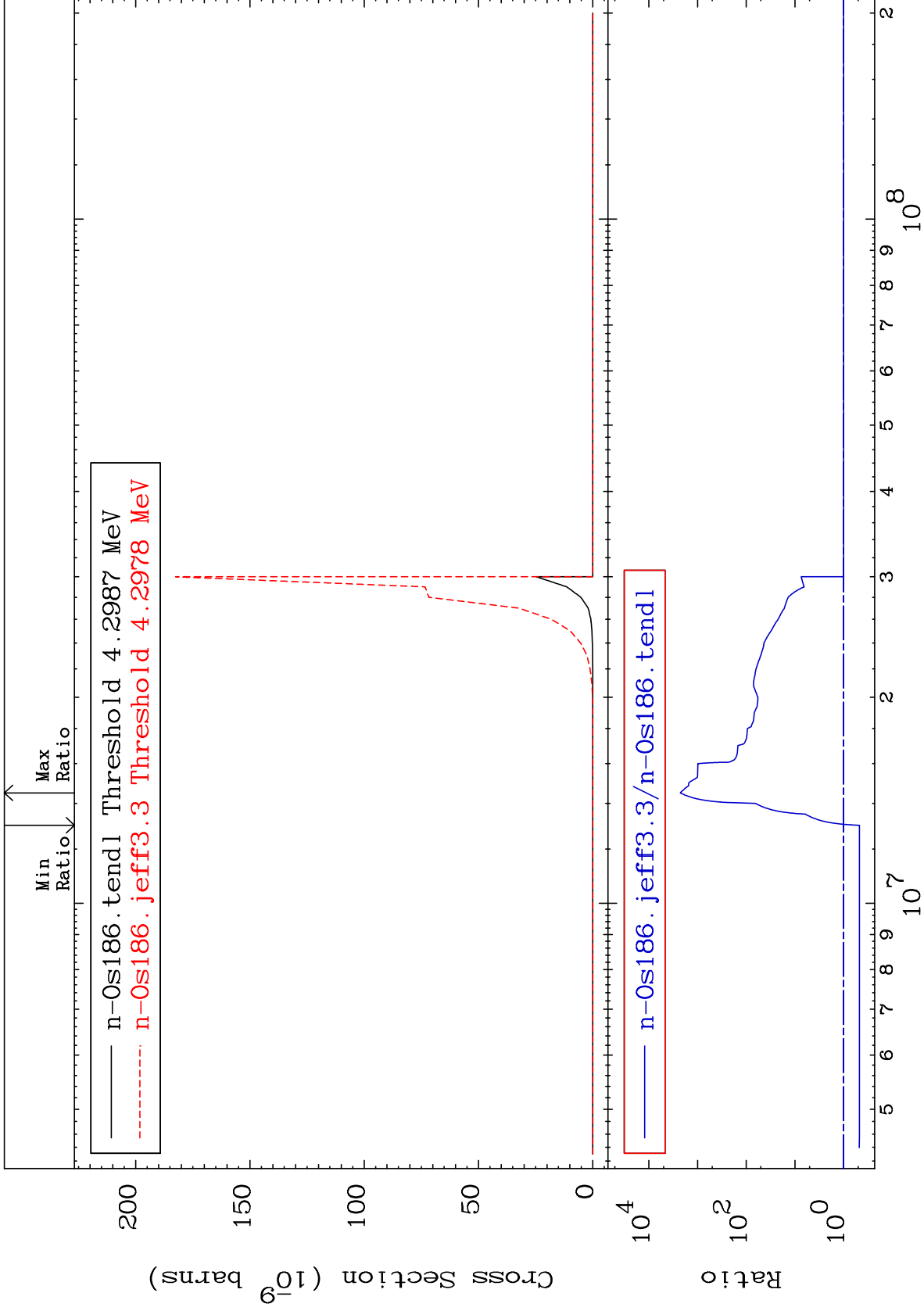
MAT 7631

(n,3n) p
Cross Section

⁷⁶Os-186
-0.196 To 0.909 %



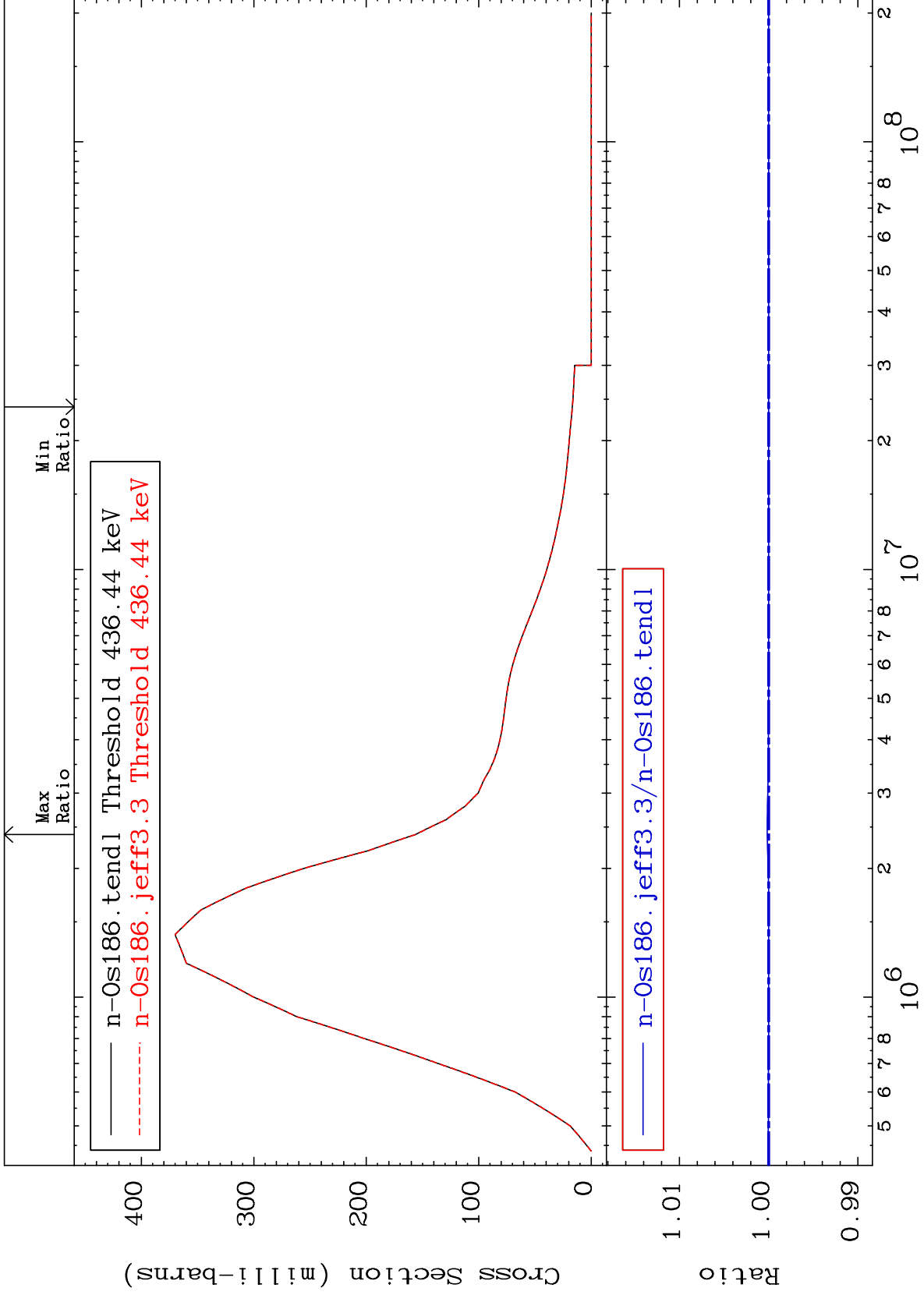




MAT 7631

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

76-0s-186
0.000 To 0.017 %



20

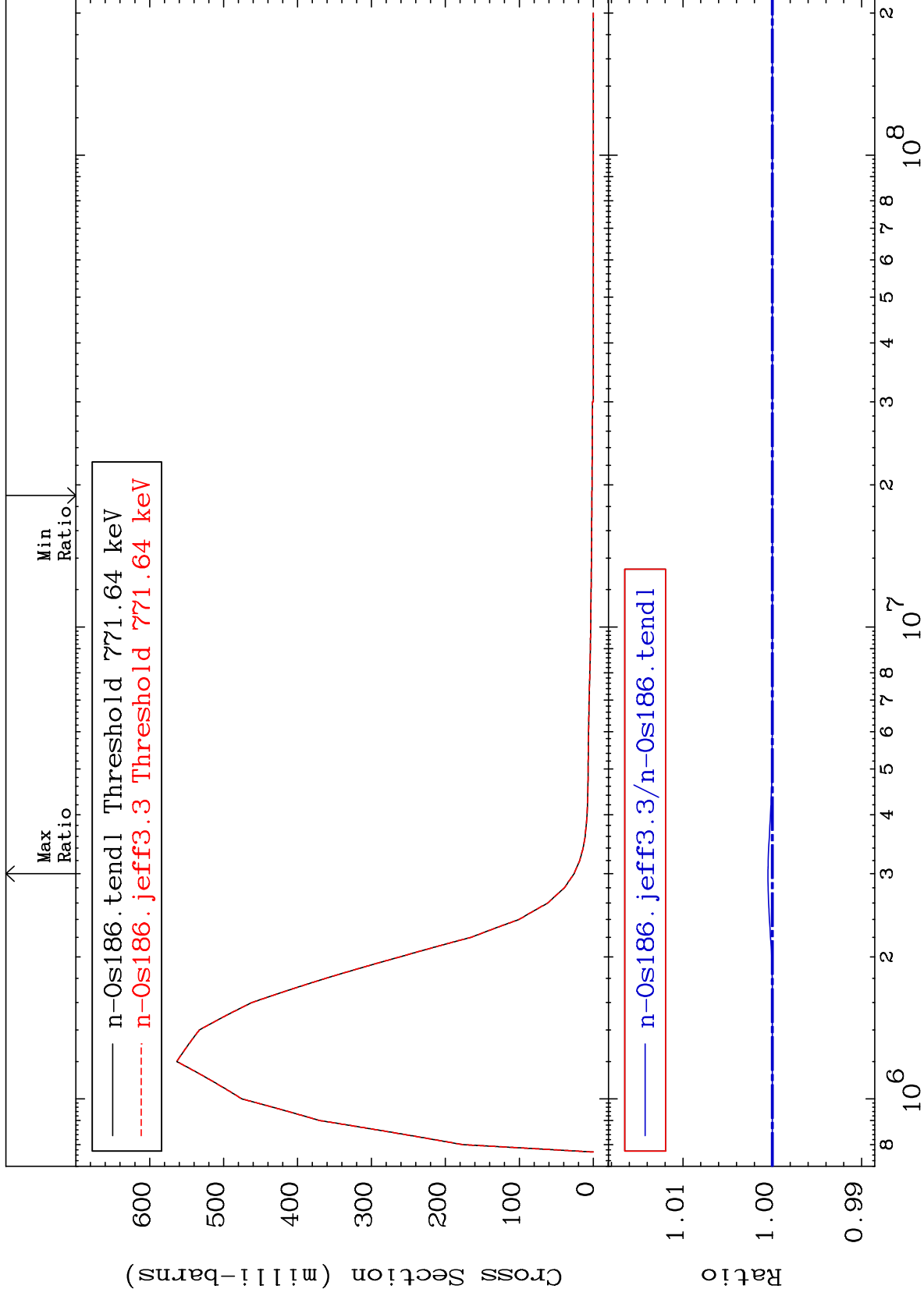
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
0.000 To 0.049 %



21

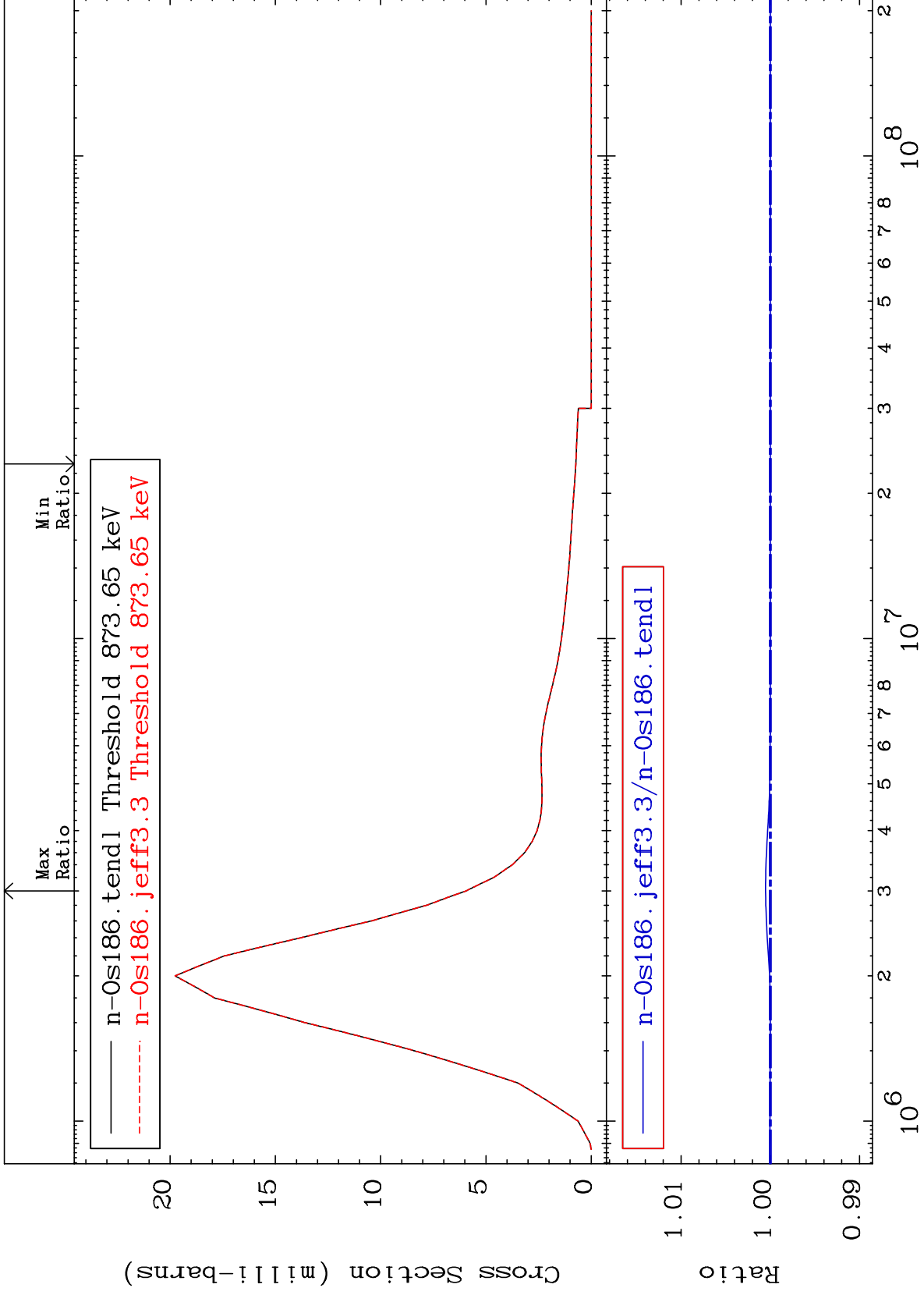
Incident Energy (eV)

76-0s-186

MAT 7631

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

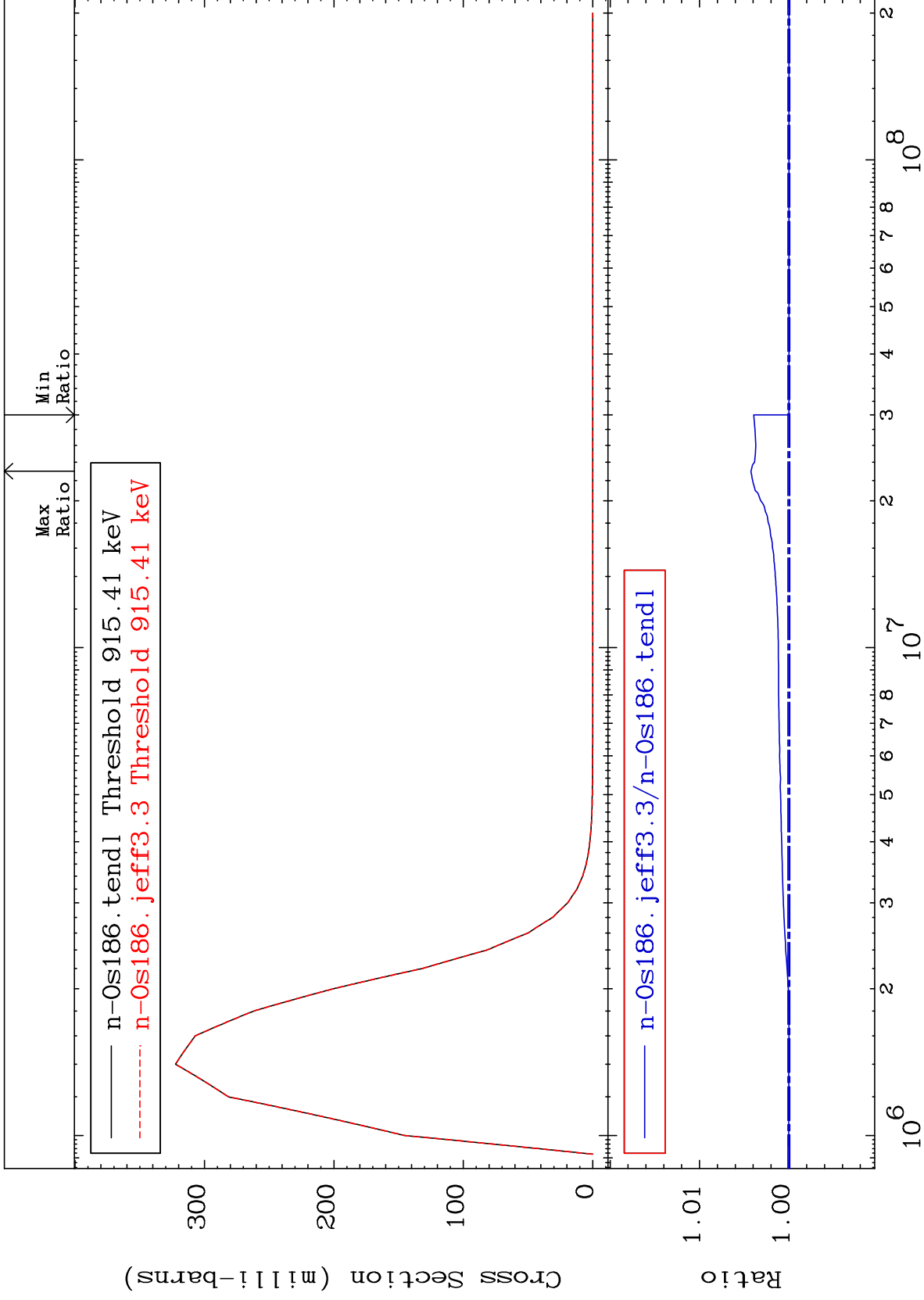
76-0s-186
0.000 To 0.053 %



MAT 7631

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

76-0s-186
0.000 To 0.425 %



23

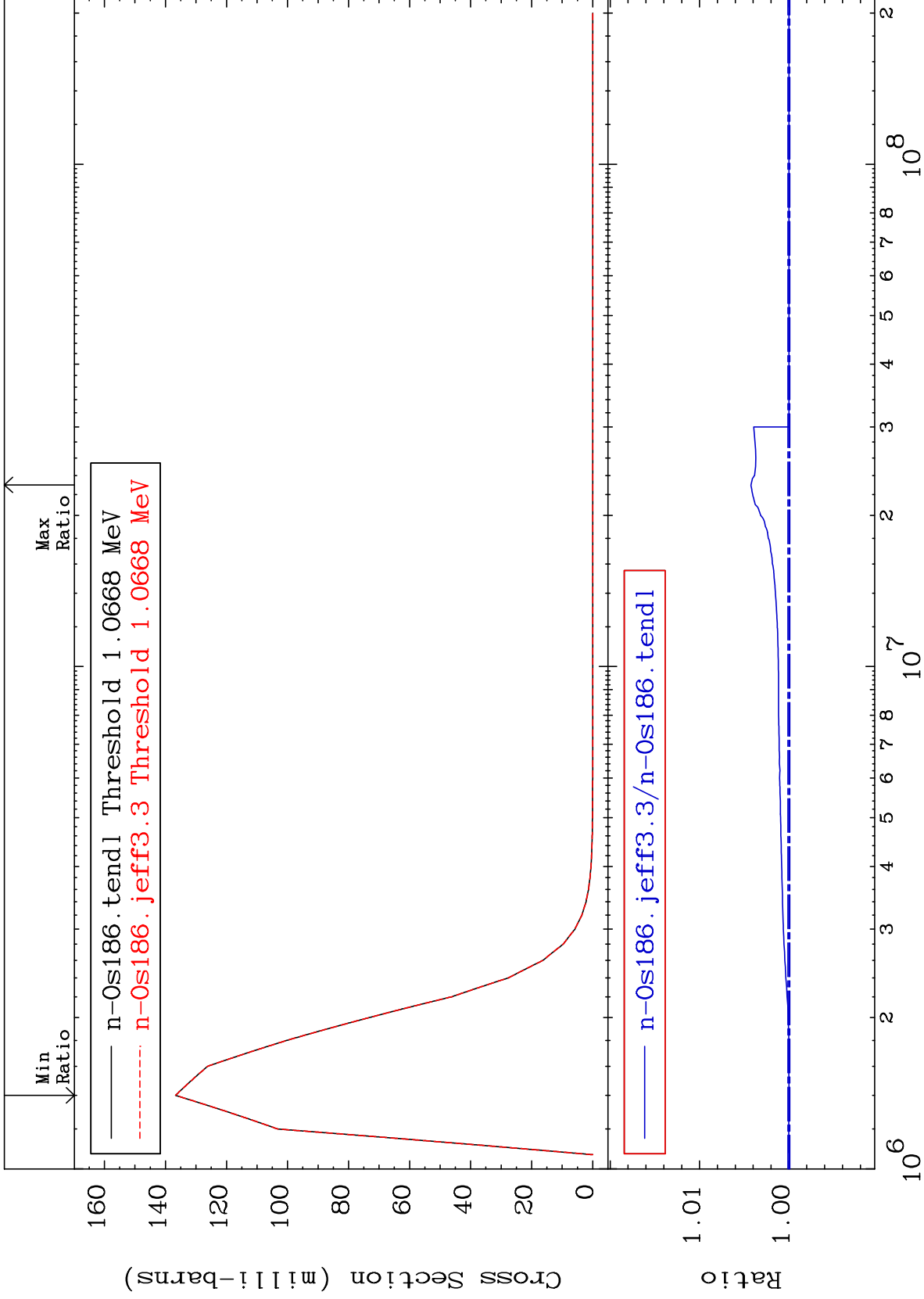
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
0.000 To 0.425 %



24

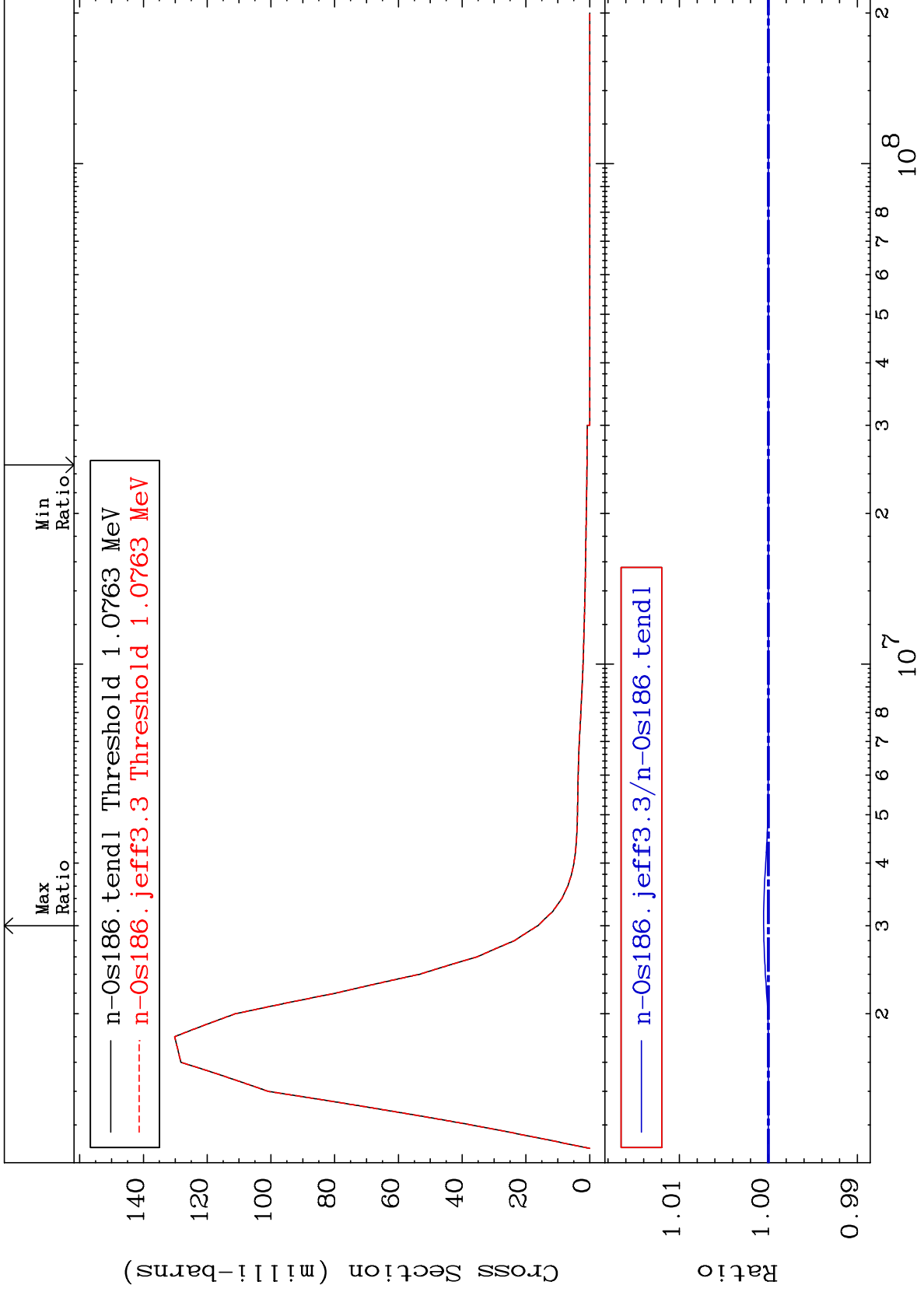
Incident Energy (eV)

76-0s-186

MAT 7631

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

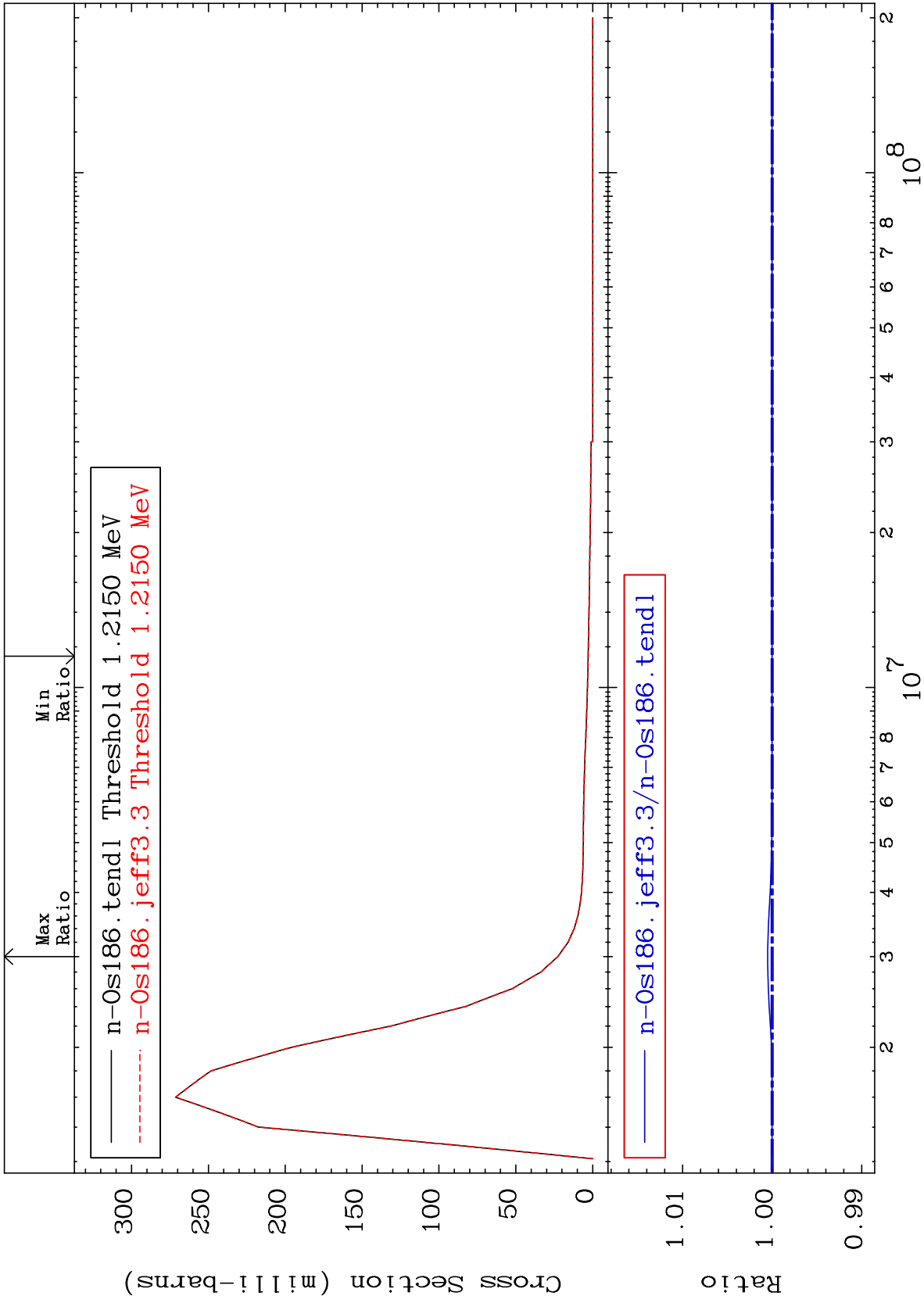
76-0s-186
0.000 To 0.053 %



MAT 7631

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

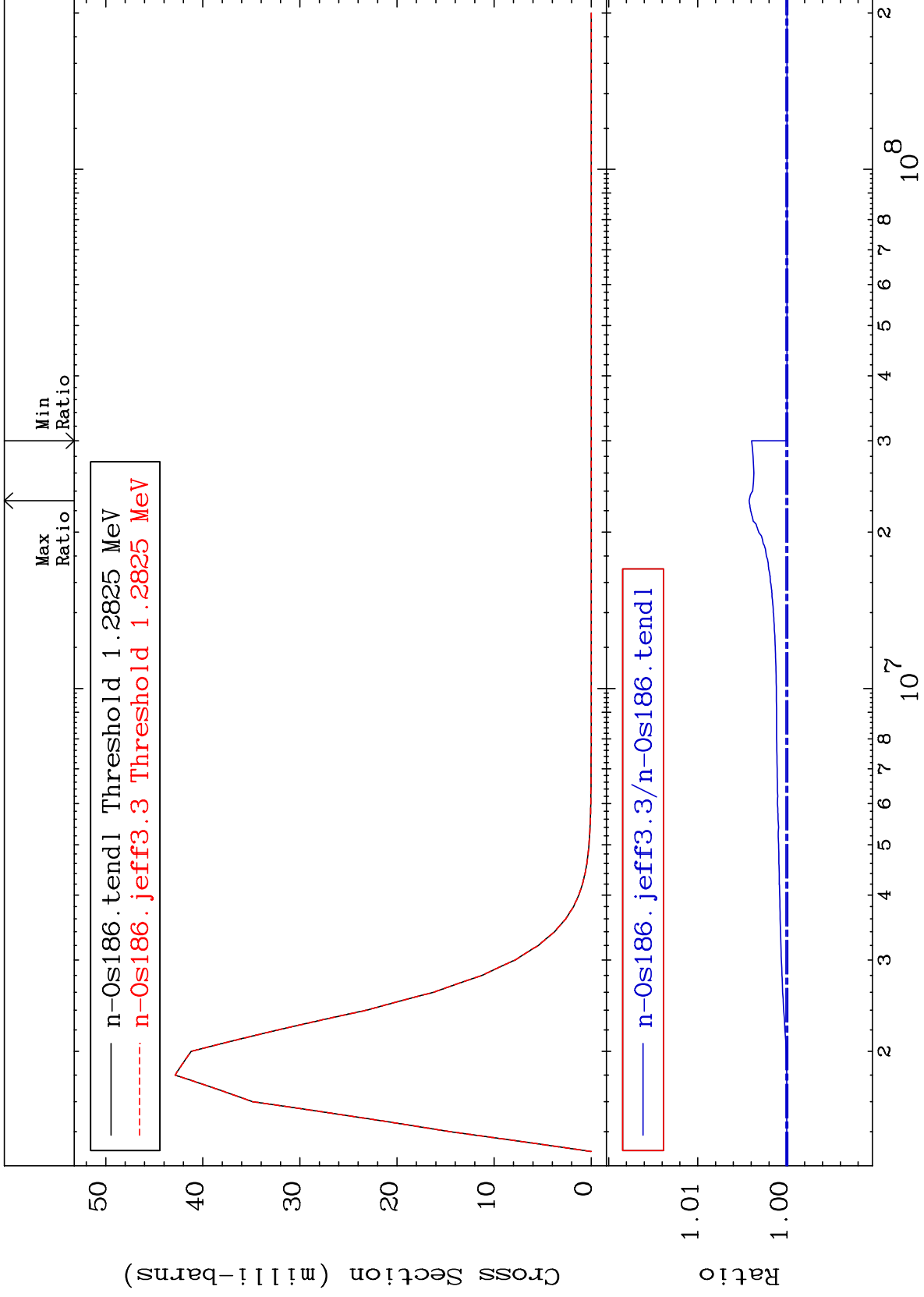
76-0s-186
0.000 To 0.050 %



MAT 7631

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

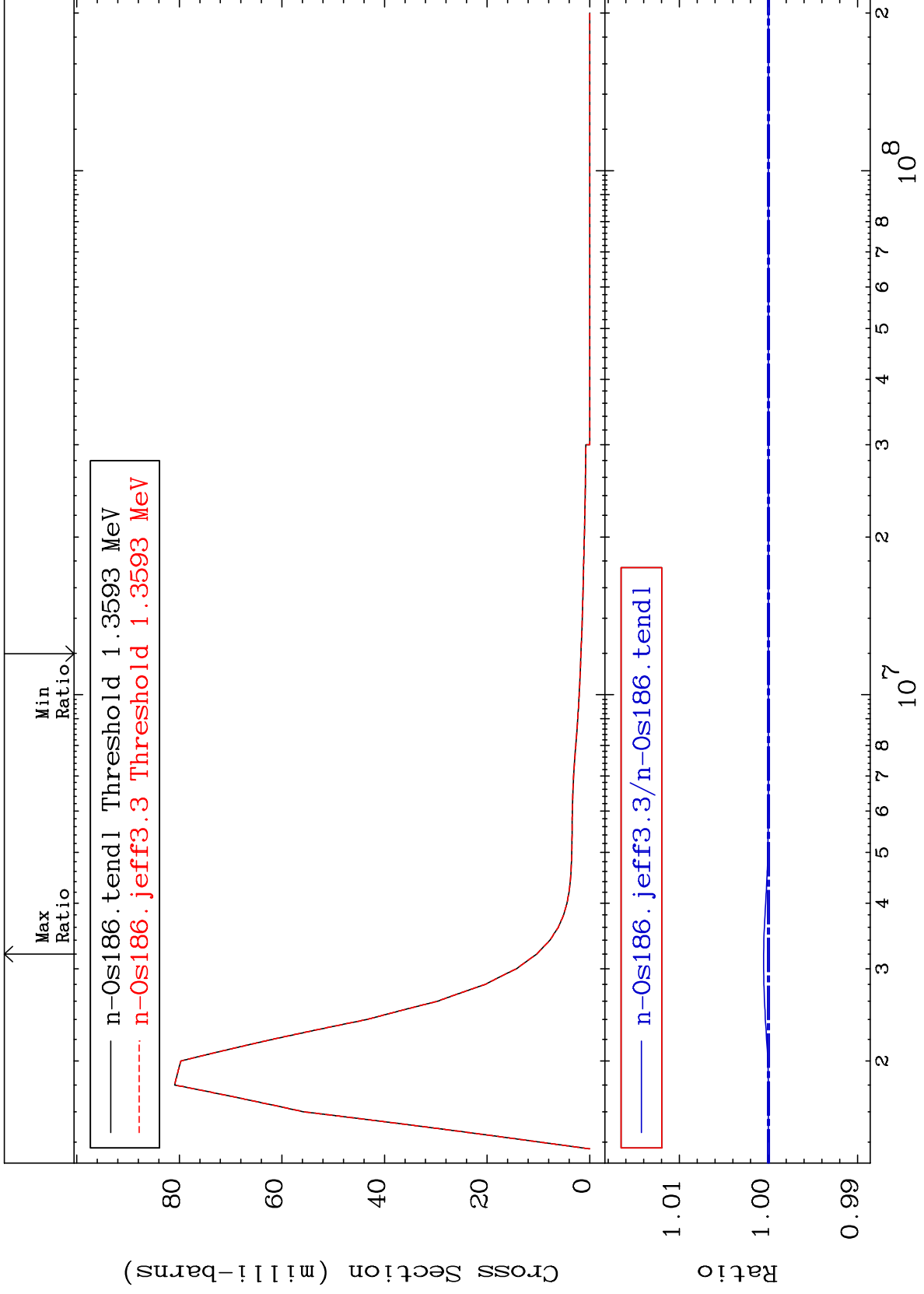
76-0s-186
0.000 To 0.424 %



MAT 7631

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

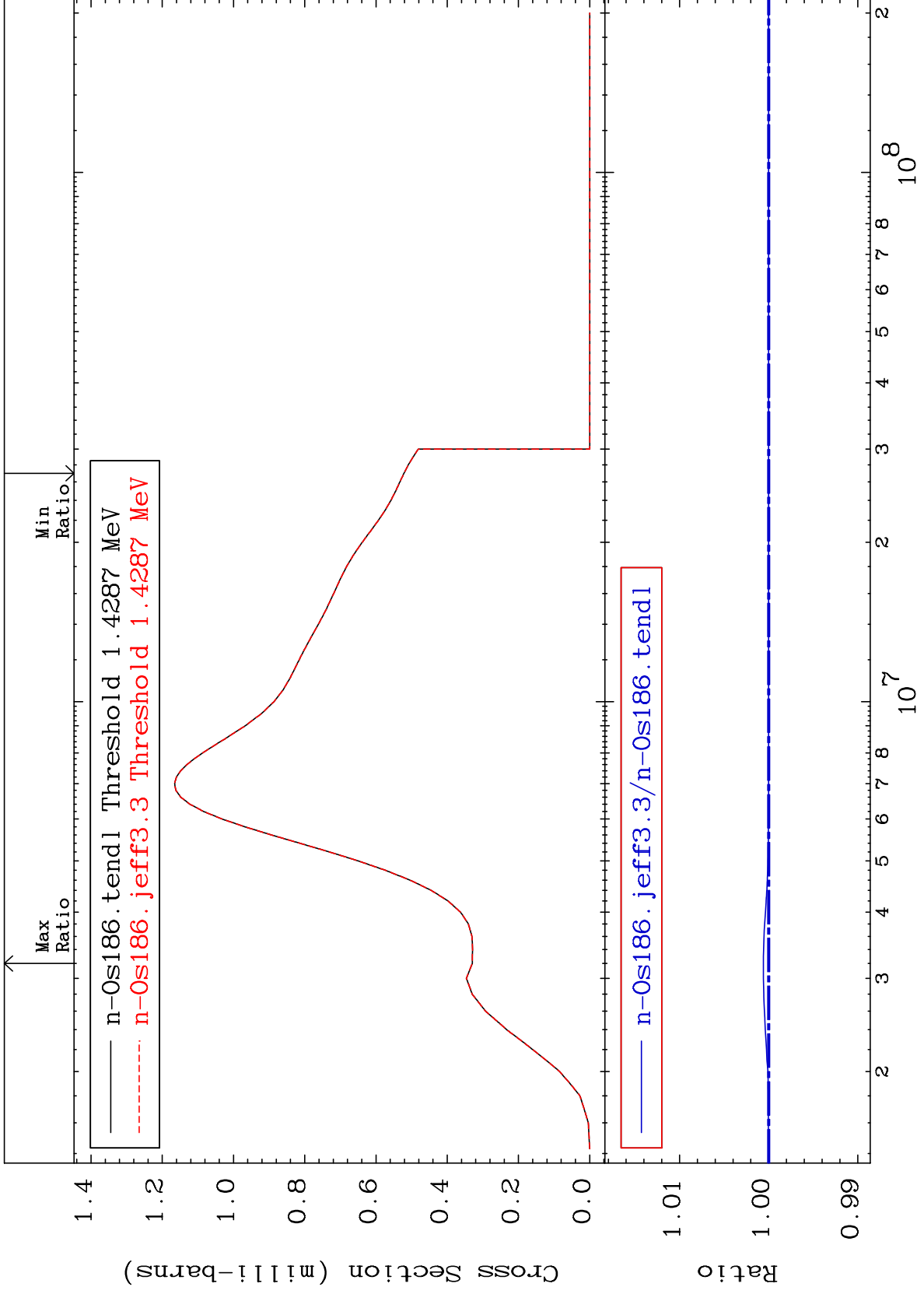
76-0s-186
0.000 To 0.054 %



MAT 7631

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

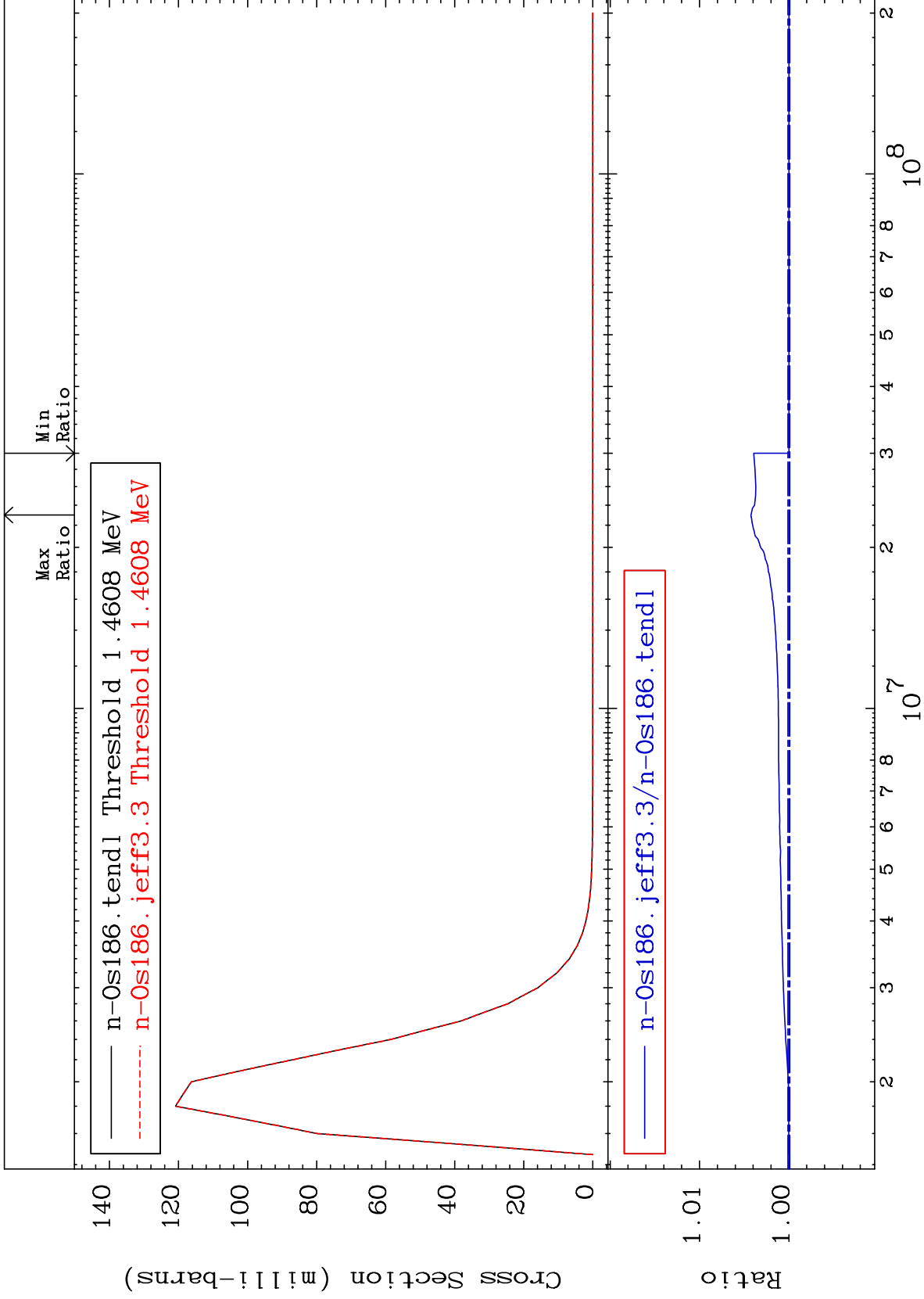
76-0s-186
0.000 To 0.059 %



MAT 7631

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

76-0s-186
0.000 To 0.425 %



30

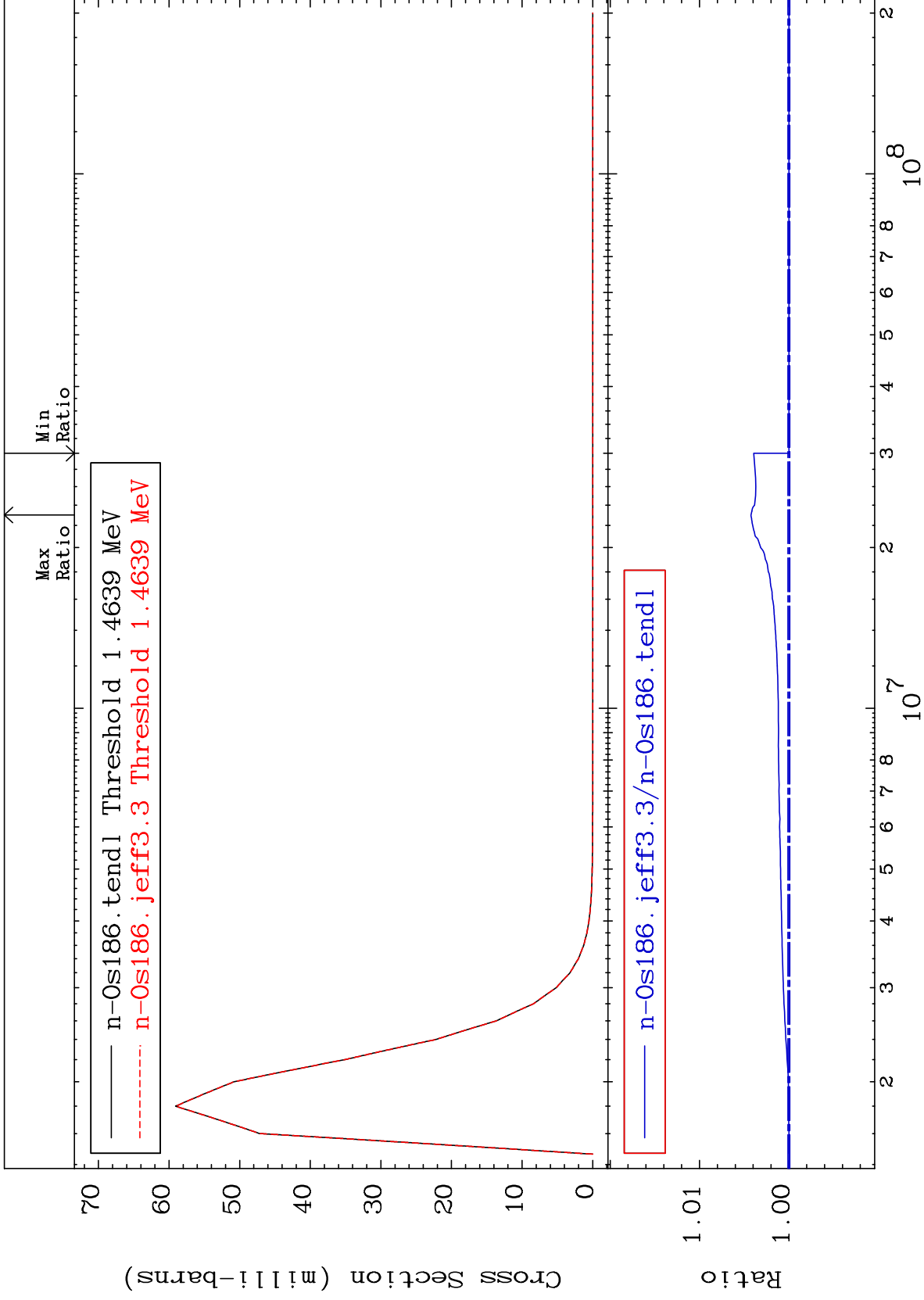
Incident Energy (eV)

76-0s-186

MAT 7631

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

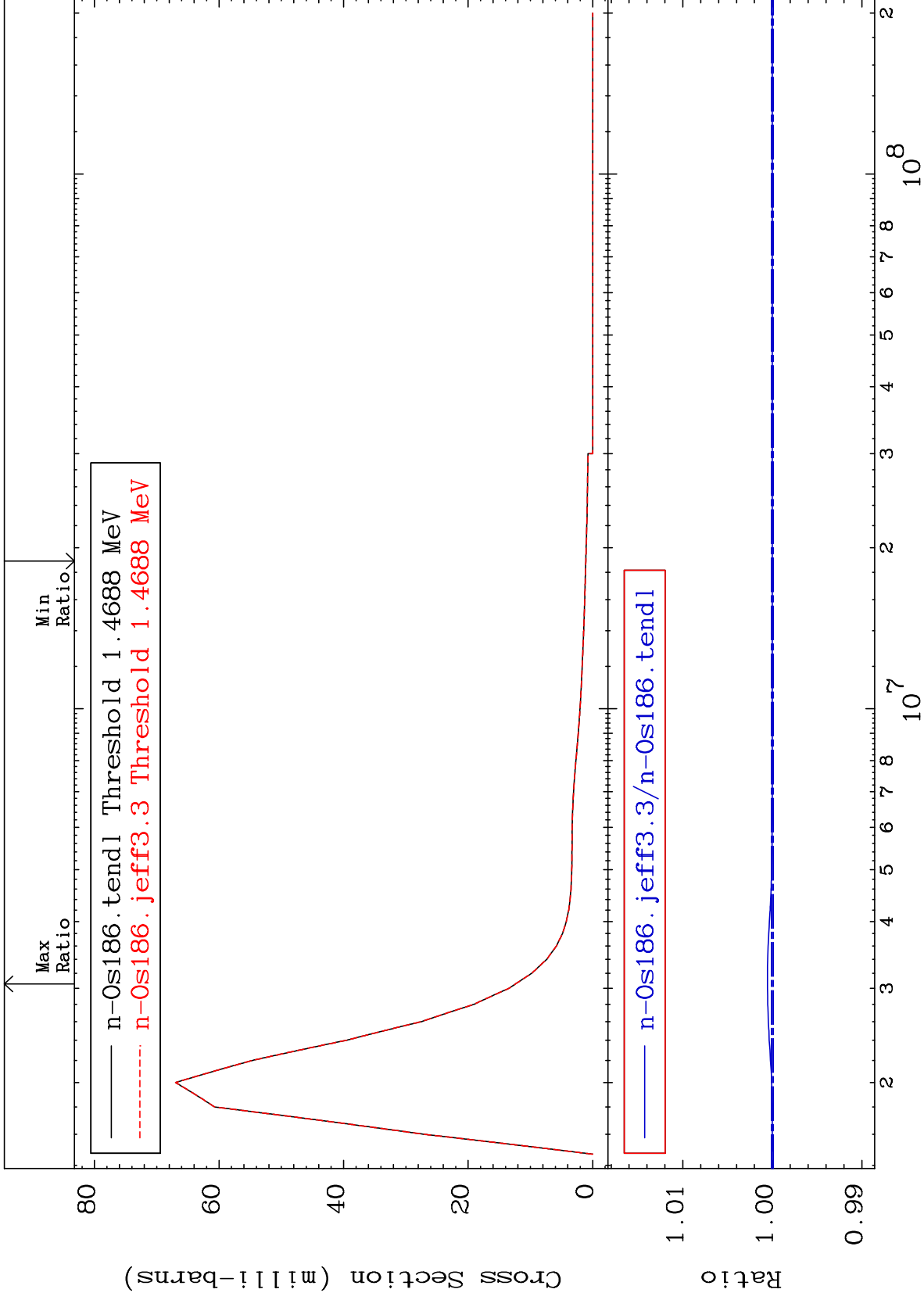
76-0s-186
0.000 To 0.425 %



MAT 7631

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

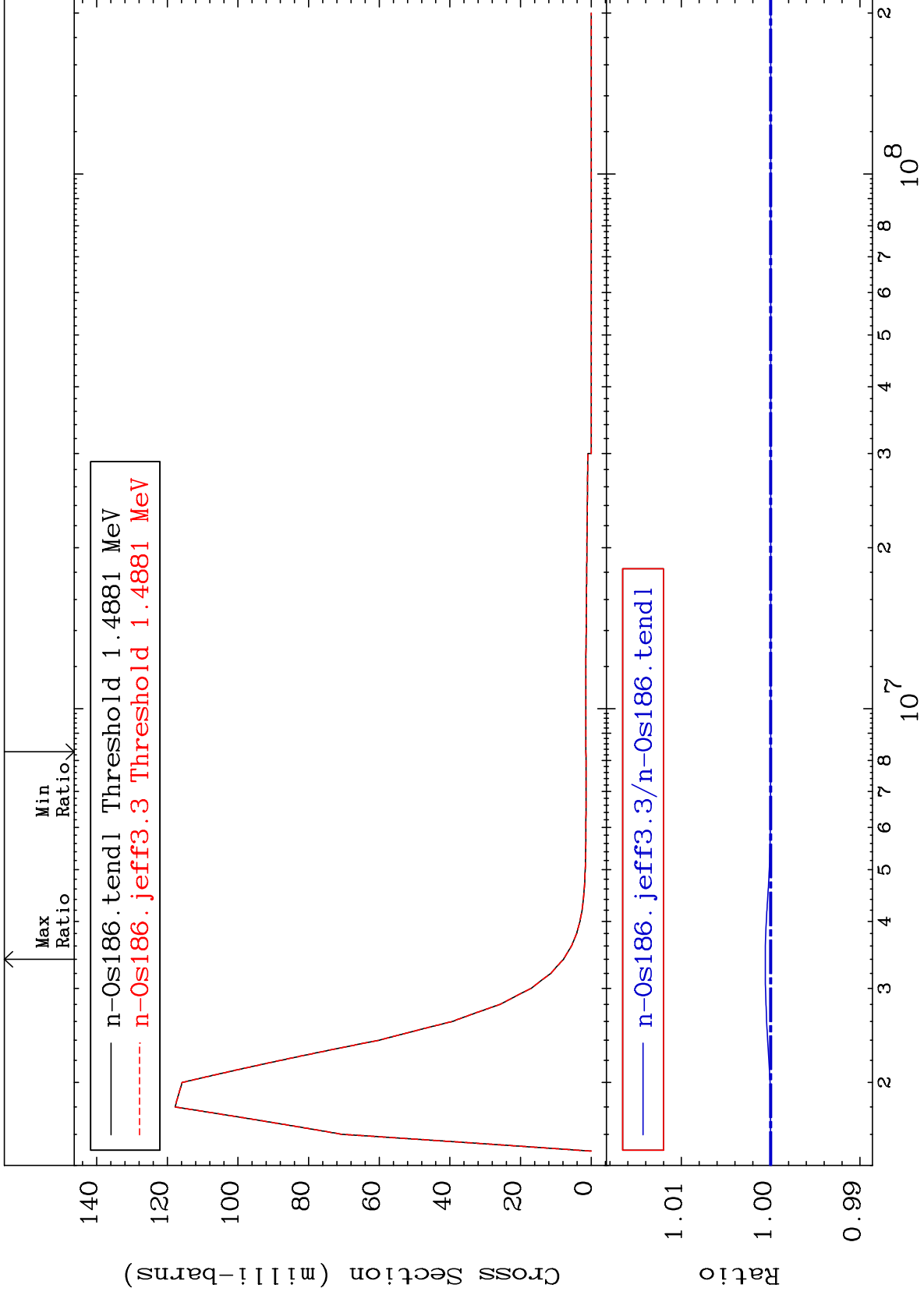
76-0s-186
0.000 To 0.054 %



MAT 7631

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

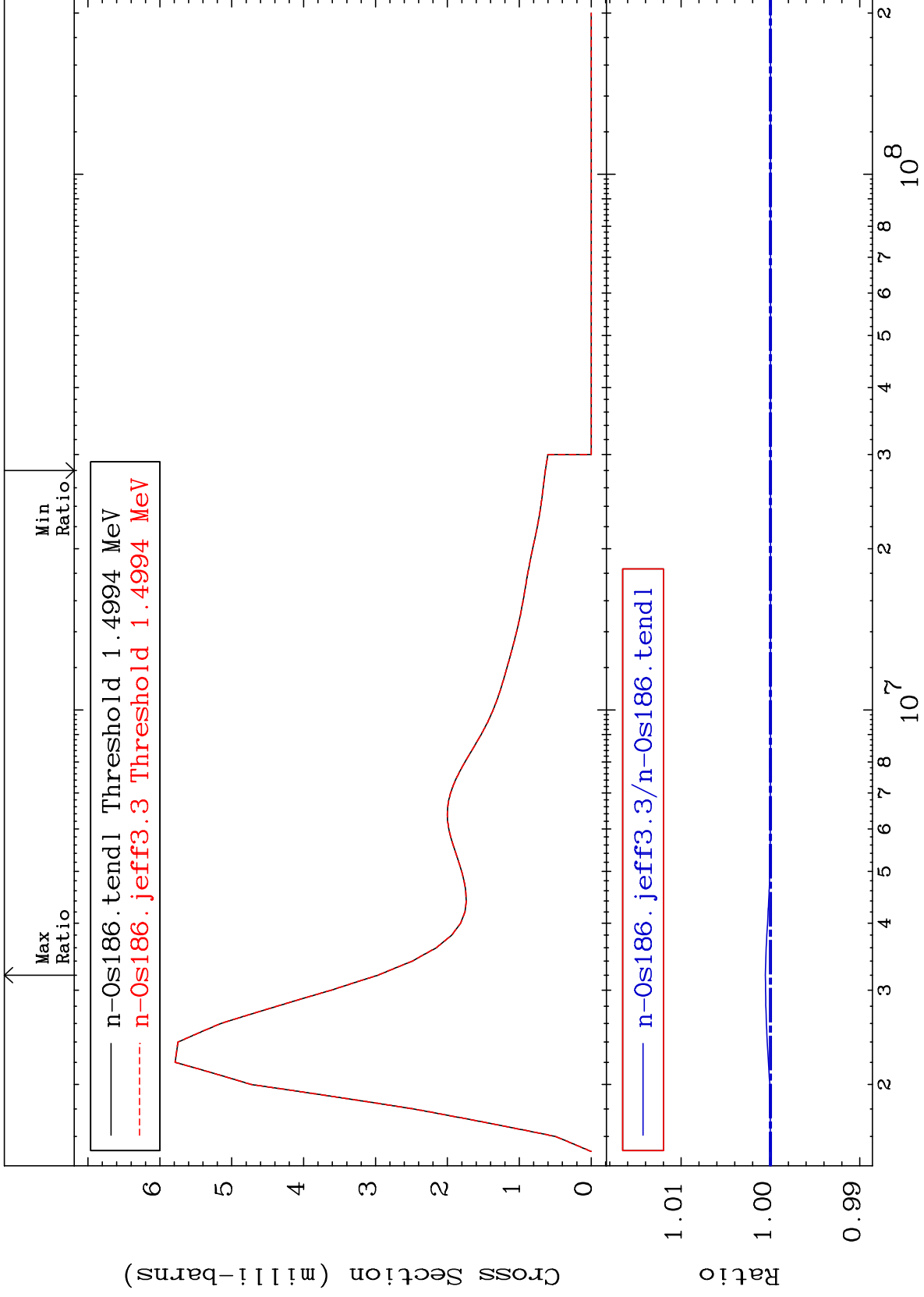
76-0s-186
0.000 To 0.061 %



MAT 7631

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

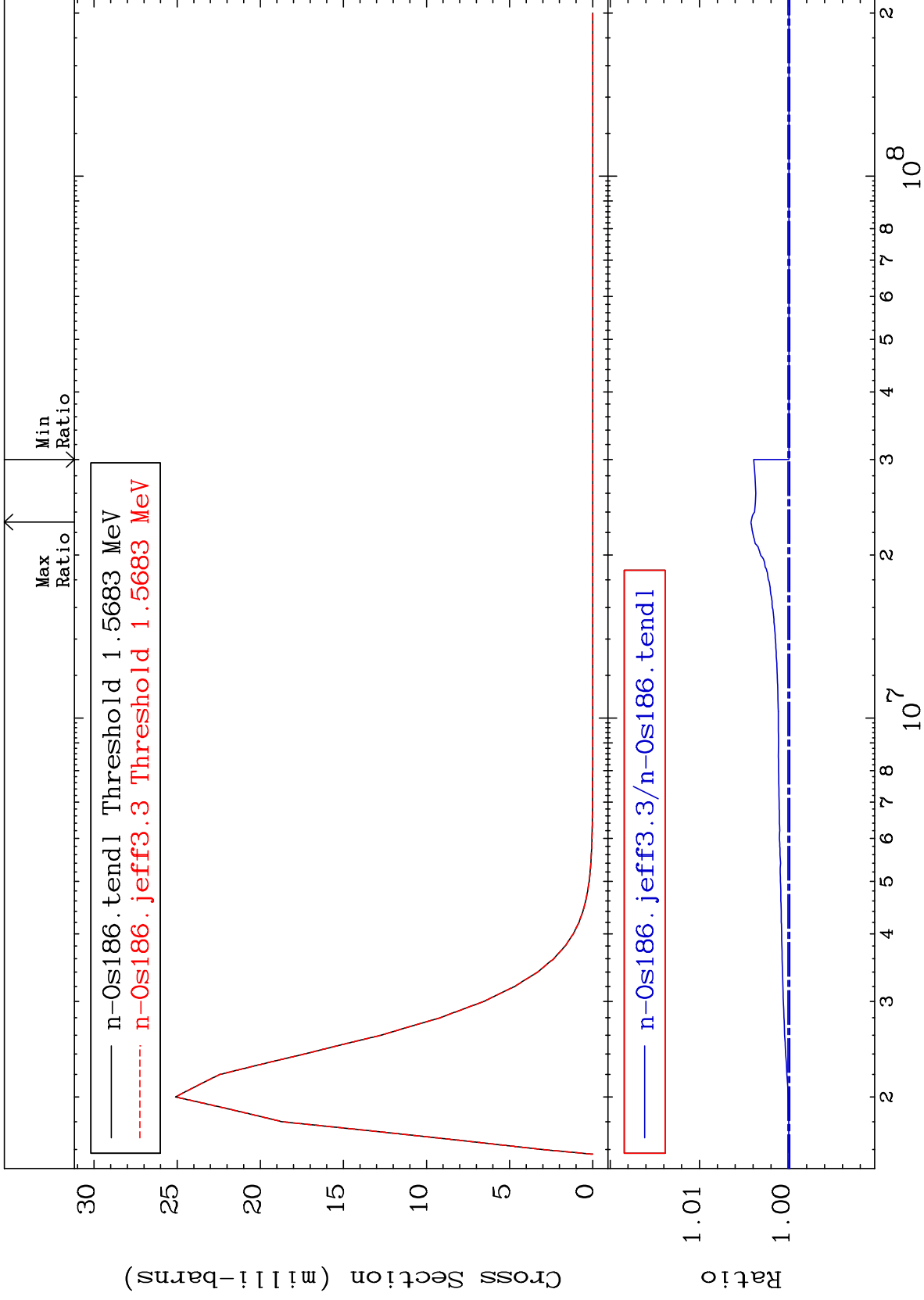
76-0s-186
0.000 To 0.056 %



MAT 7631

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

76-0s-186
0.000 To 0.425 %



35

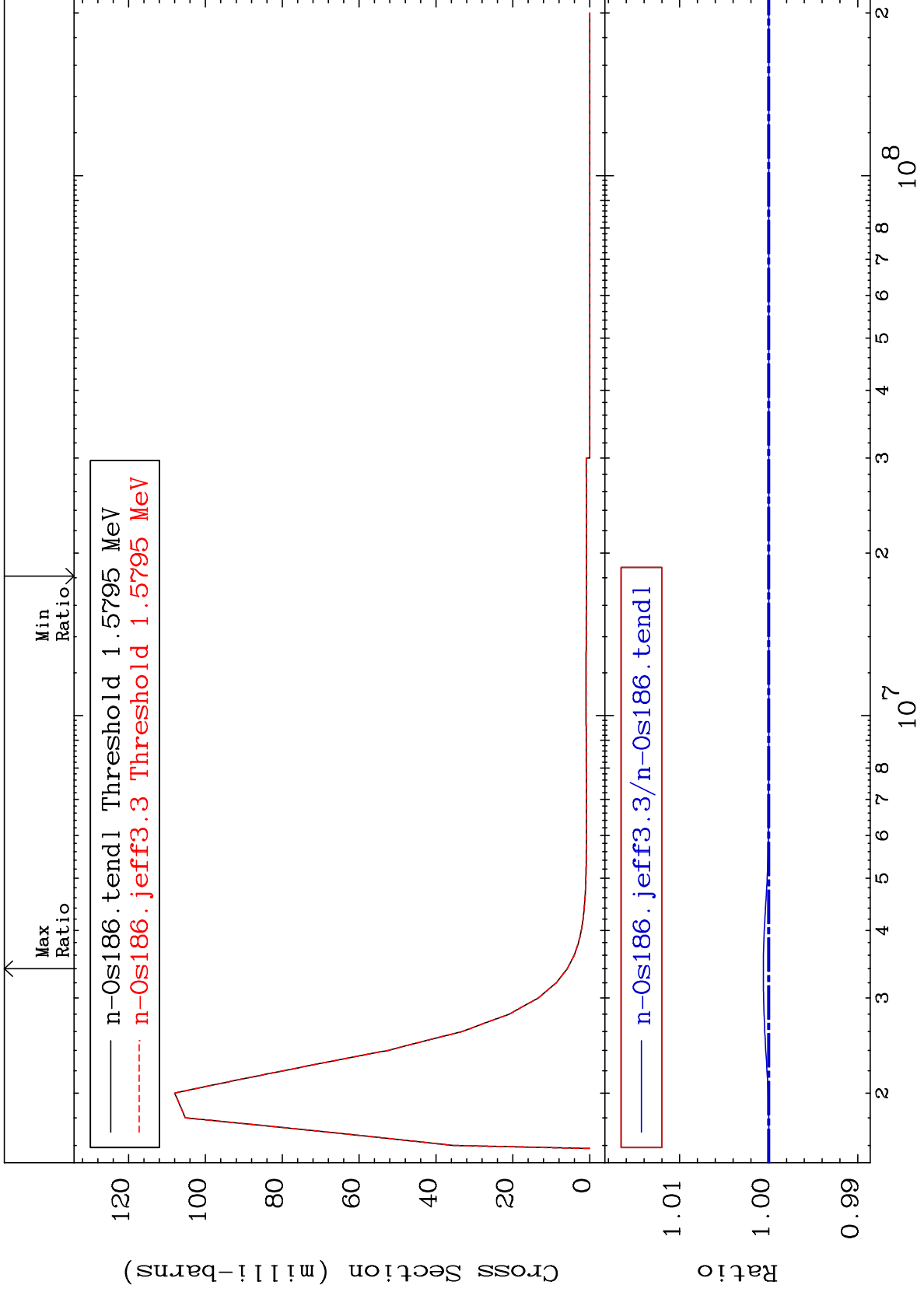
Incident Energy (eV)

76-0s-186

MAT 7631

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

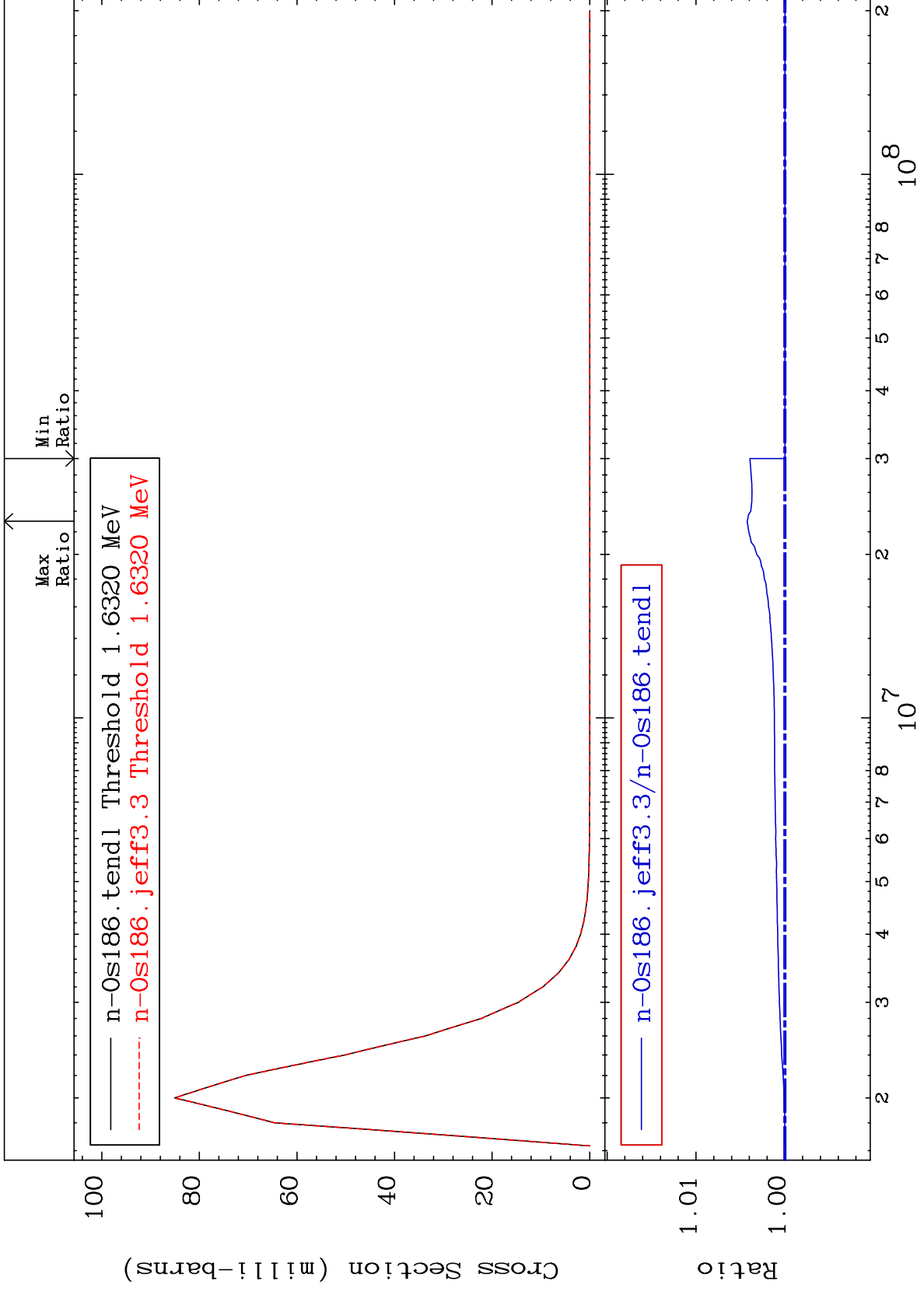
76-0s-186
0.000 To 0.061 %



MAT 7631

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

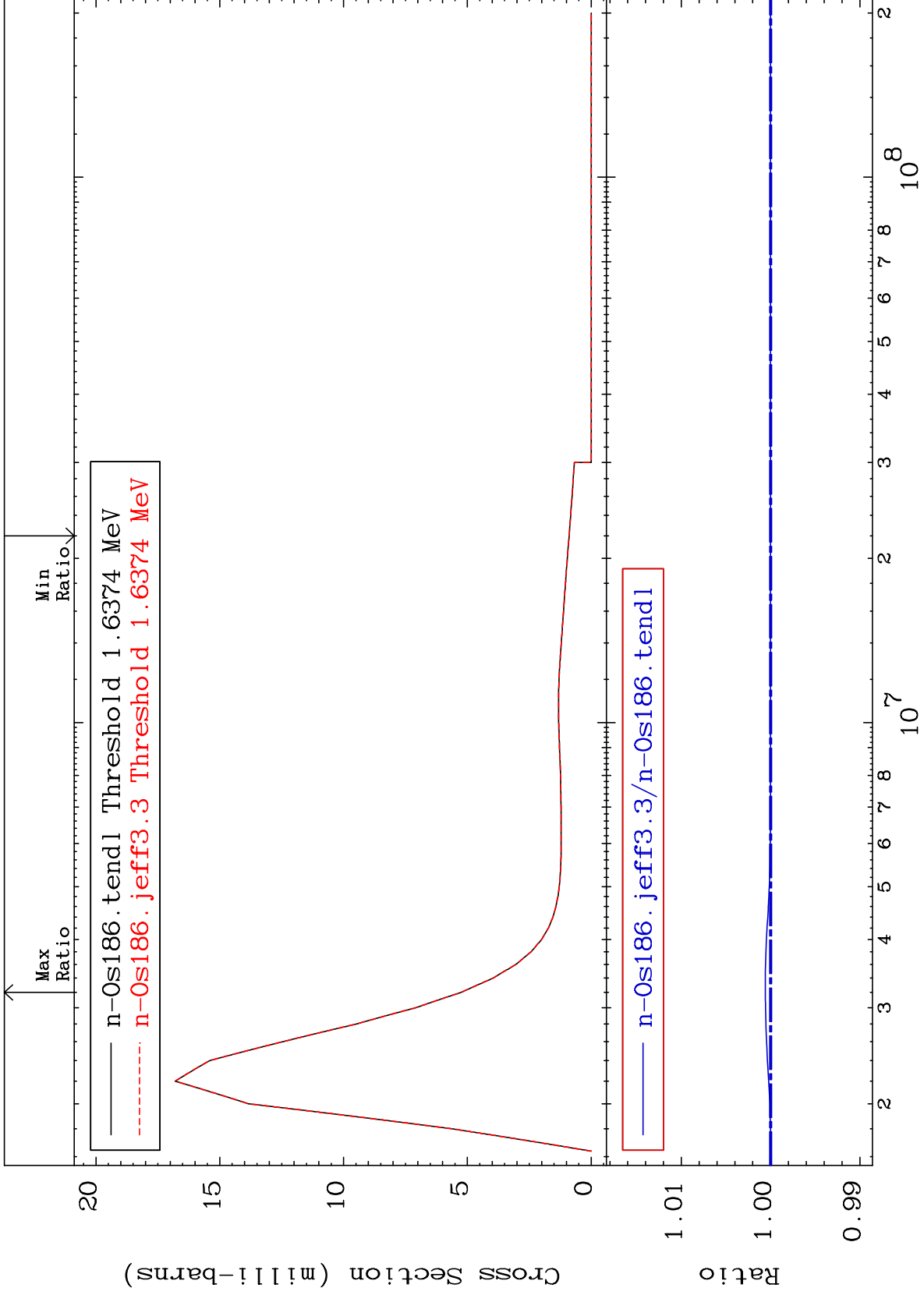
76-0s-186
0.000 To 0.425 %



MAT 7631

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

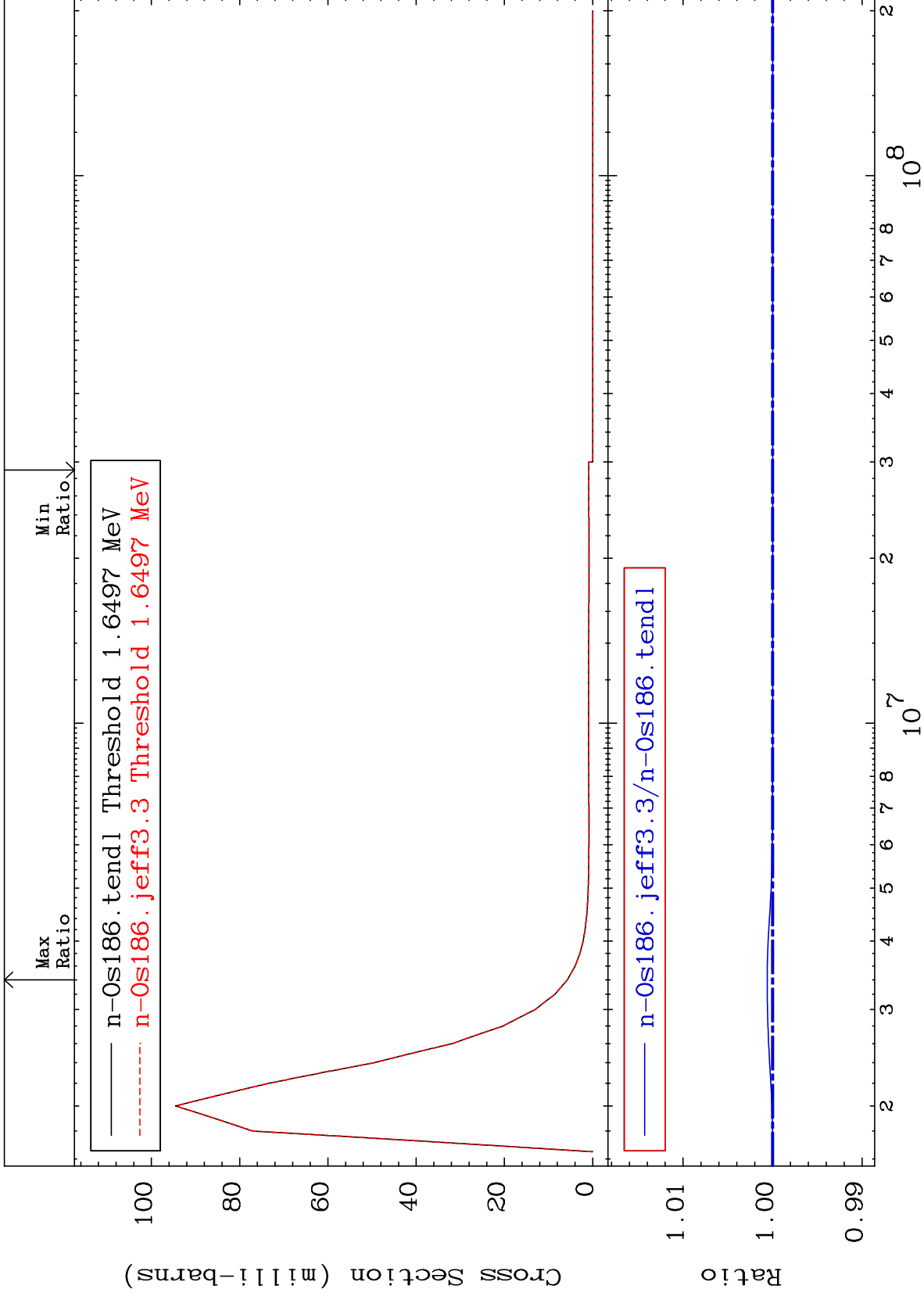
76-0s-186
0.000 To 0.059 %



MAT 7631

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

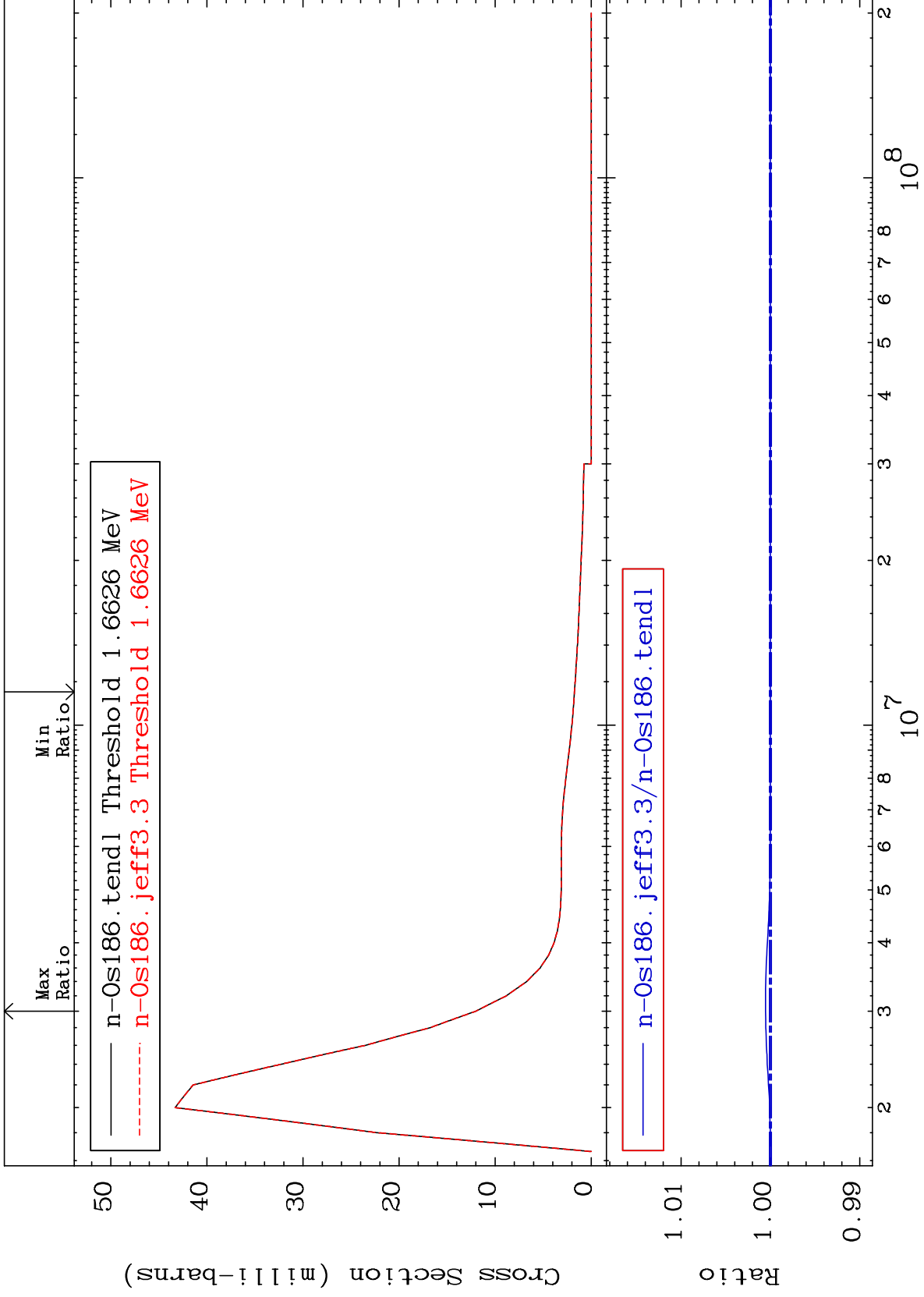
76-0s-186
0.000 To 0.061 %



MAT 7631

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

76-0s-186
0.000 To 0.055 %



40

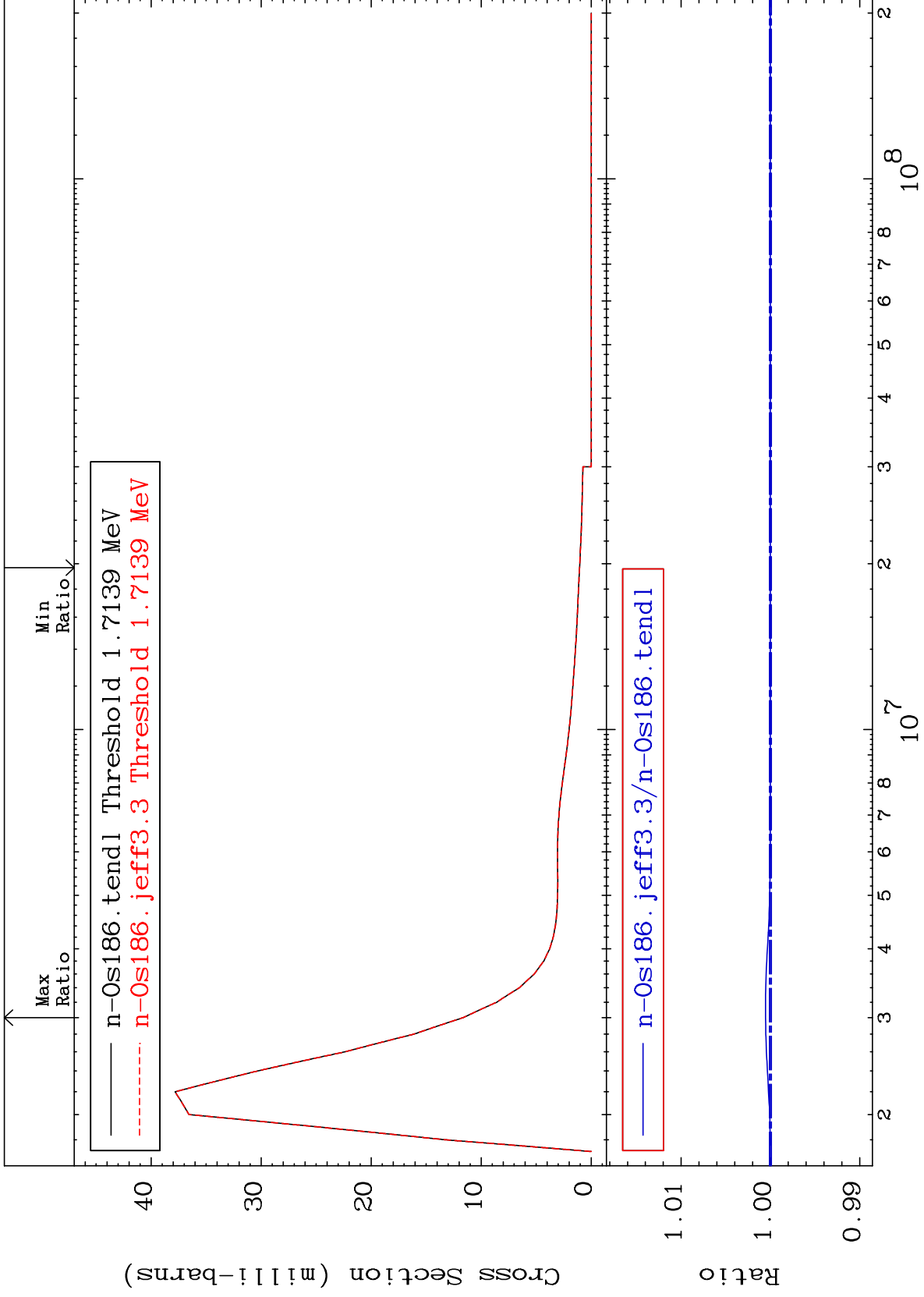
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
0.000 To 0.055 %



41

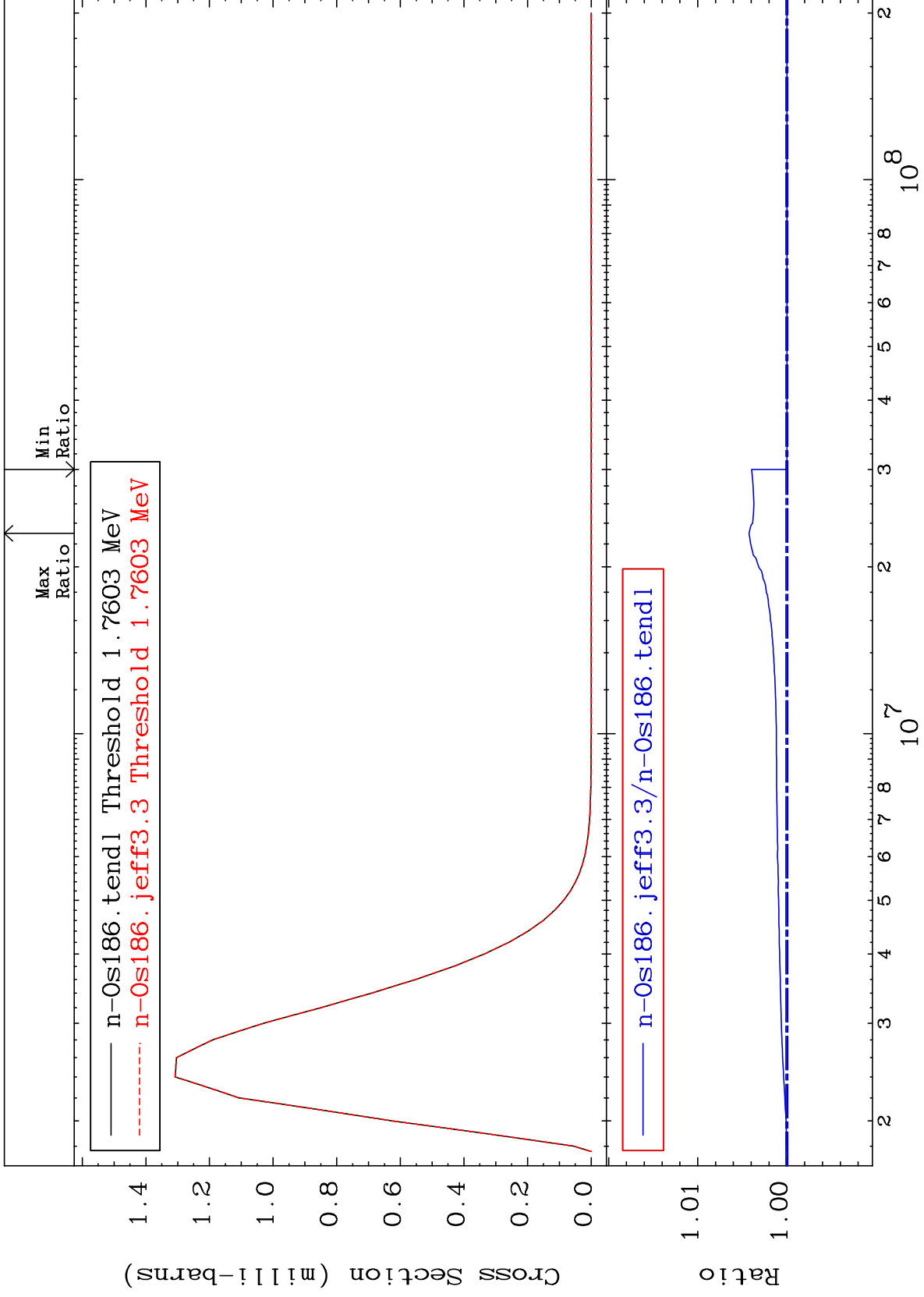
Incident Energy (eV)

76-0s-186

MAT 7631

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

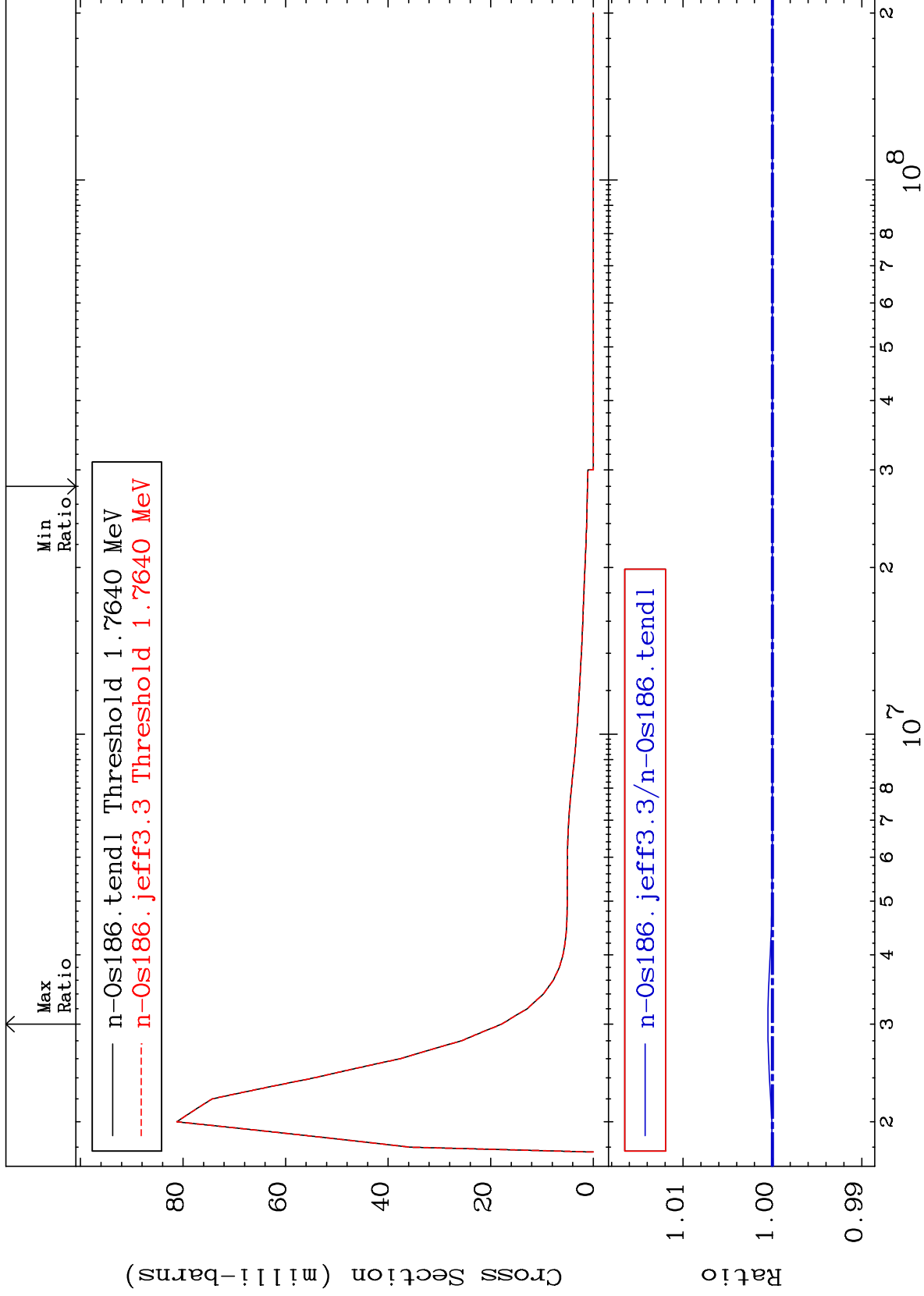
76-0s-186
0.000 To 0.425 %



MAT 7631

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

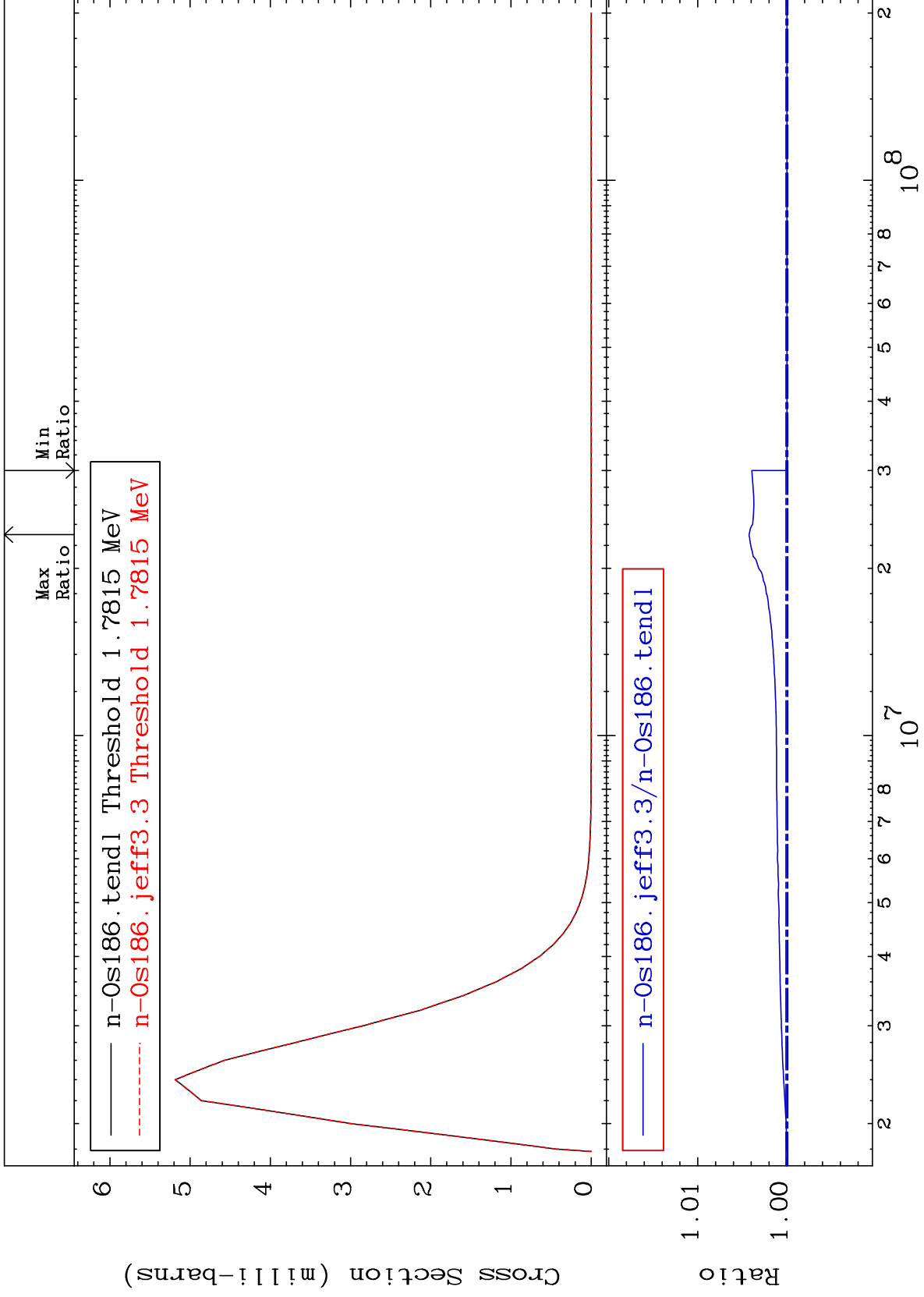
76-0s-186
0.000 To 0.050 %



MAT 7631

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

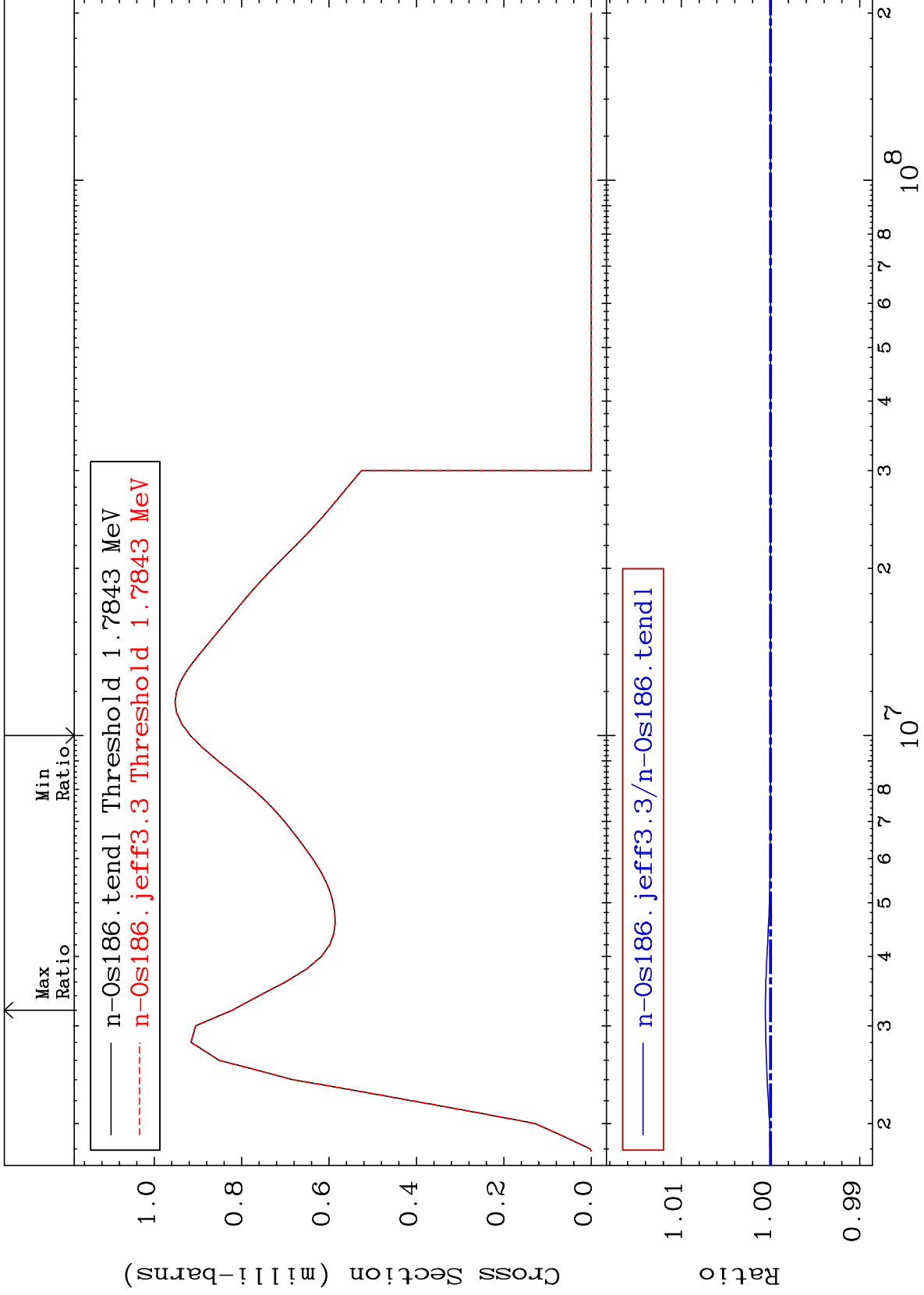
76-0s-186
0.000 To 0.425 %



MAT 7631

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

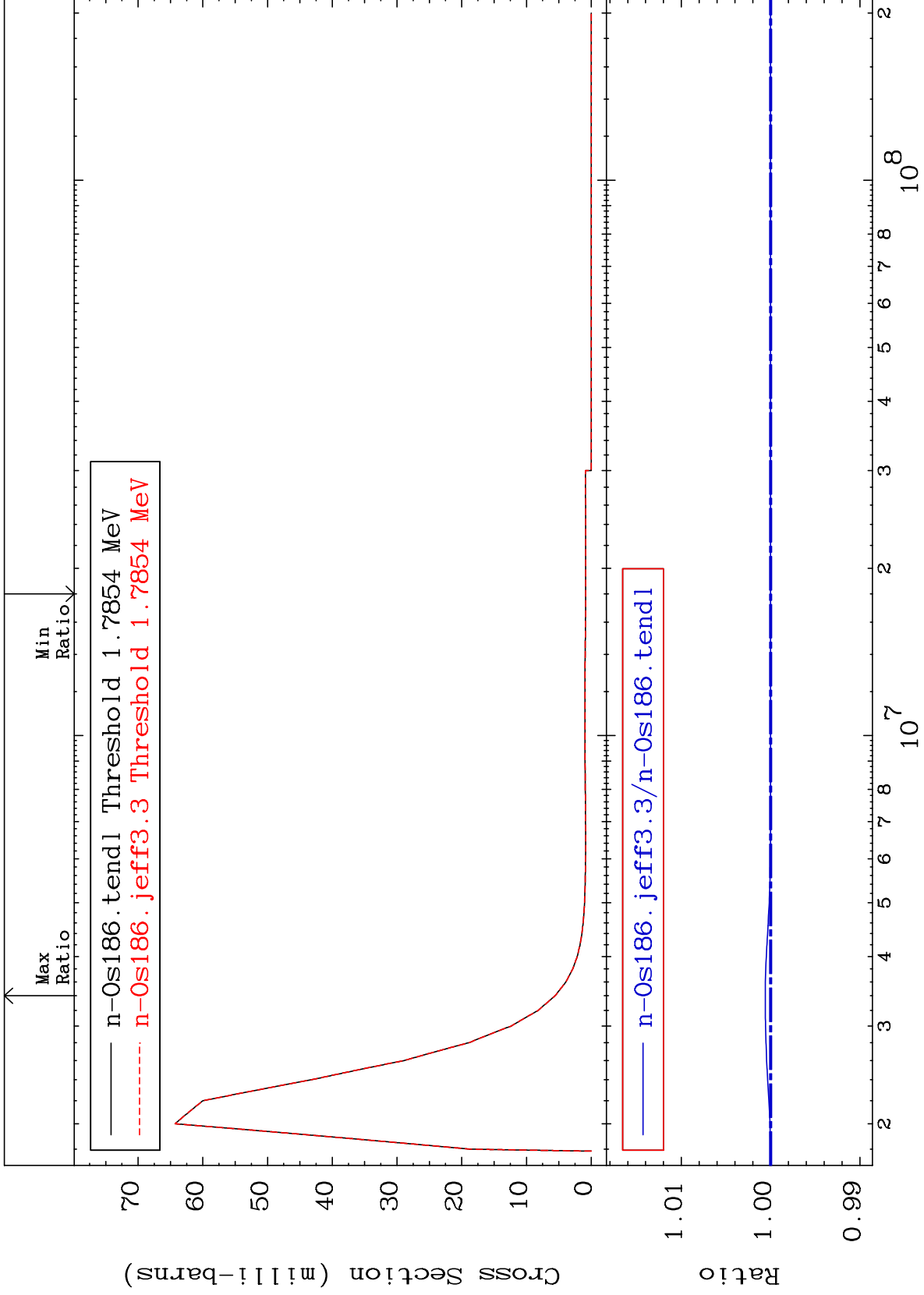
76-0s-186
0.000 To 0.058 %



MAT 7631

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

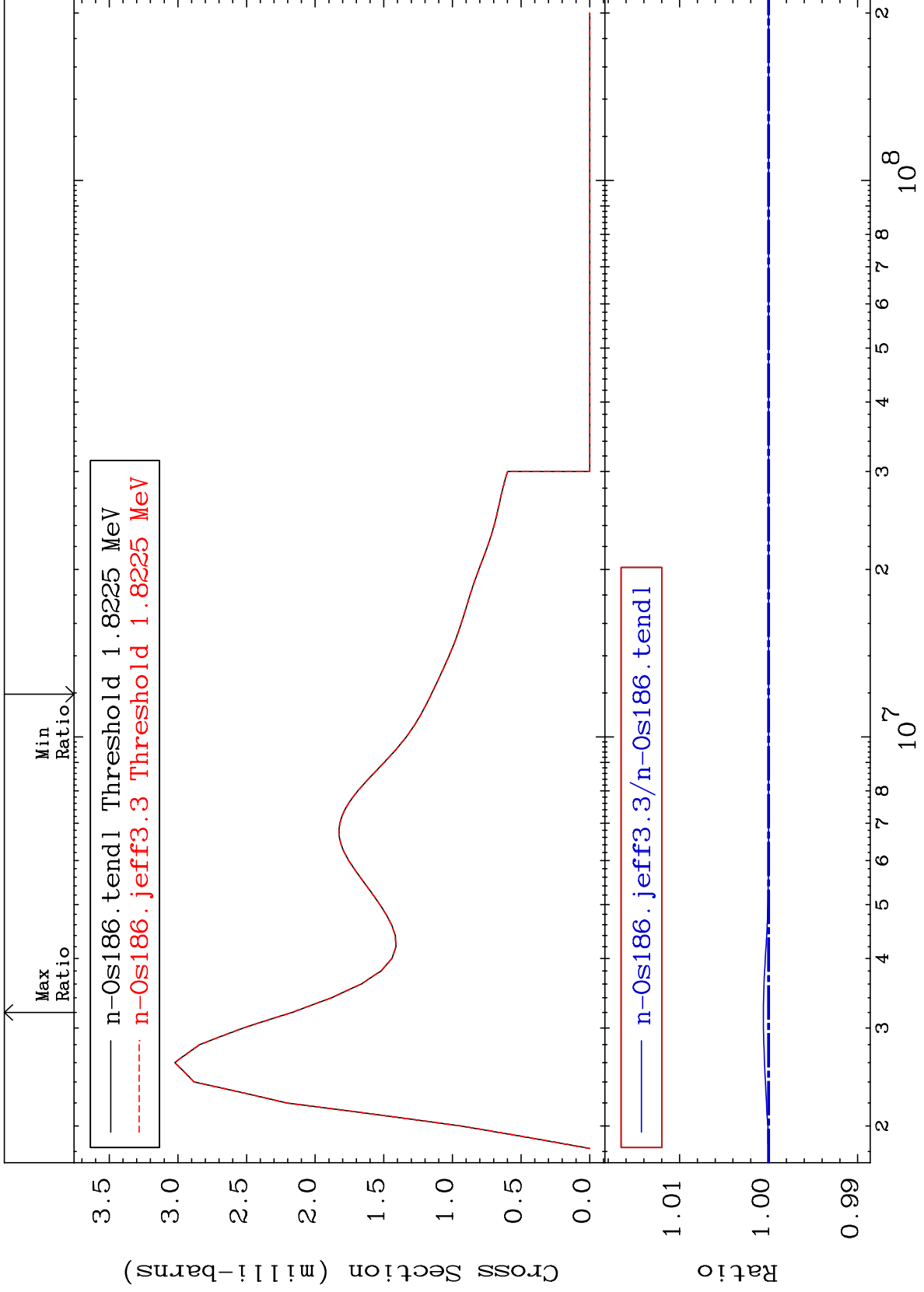
76-0s-186
0.000 To 0.060 %



MAT 7631

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

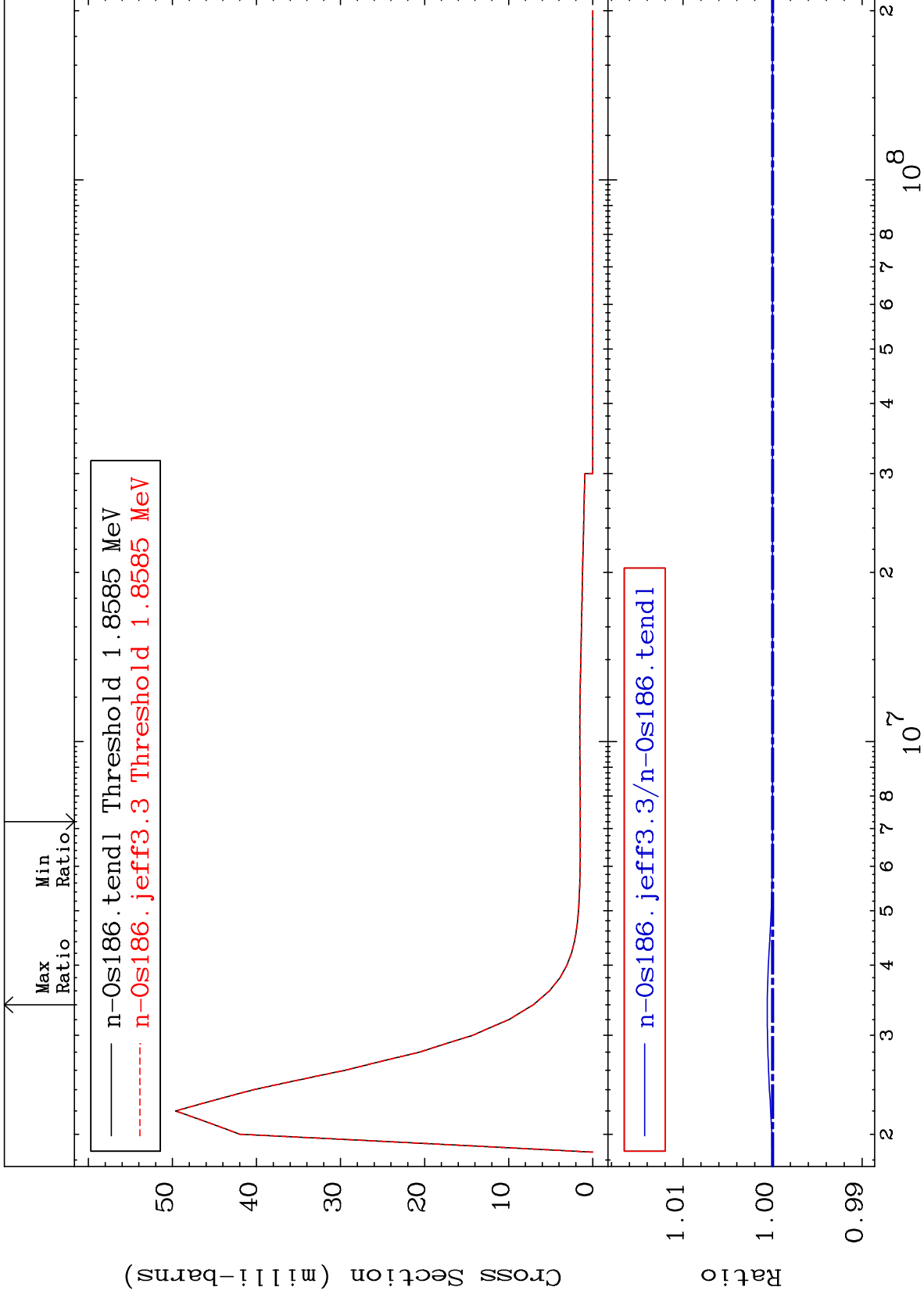
76-0s-186
0.000 To 0.058 %

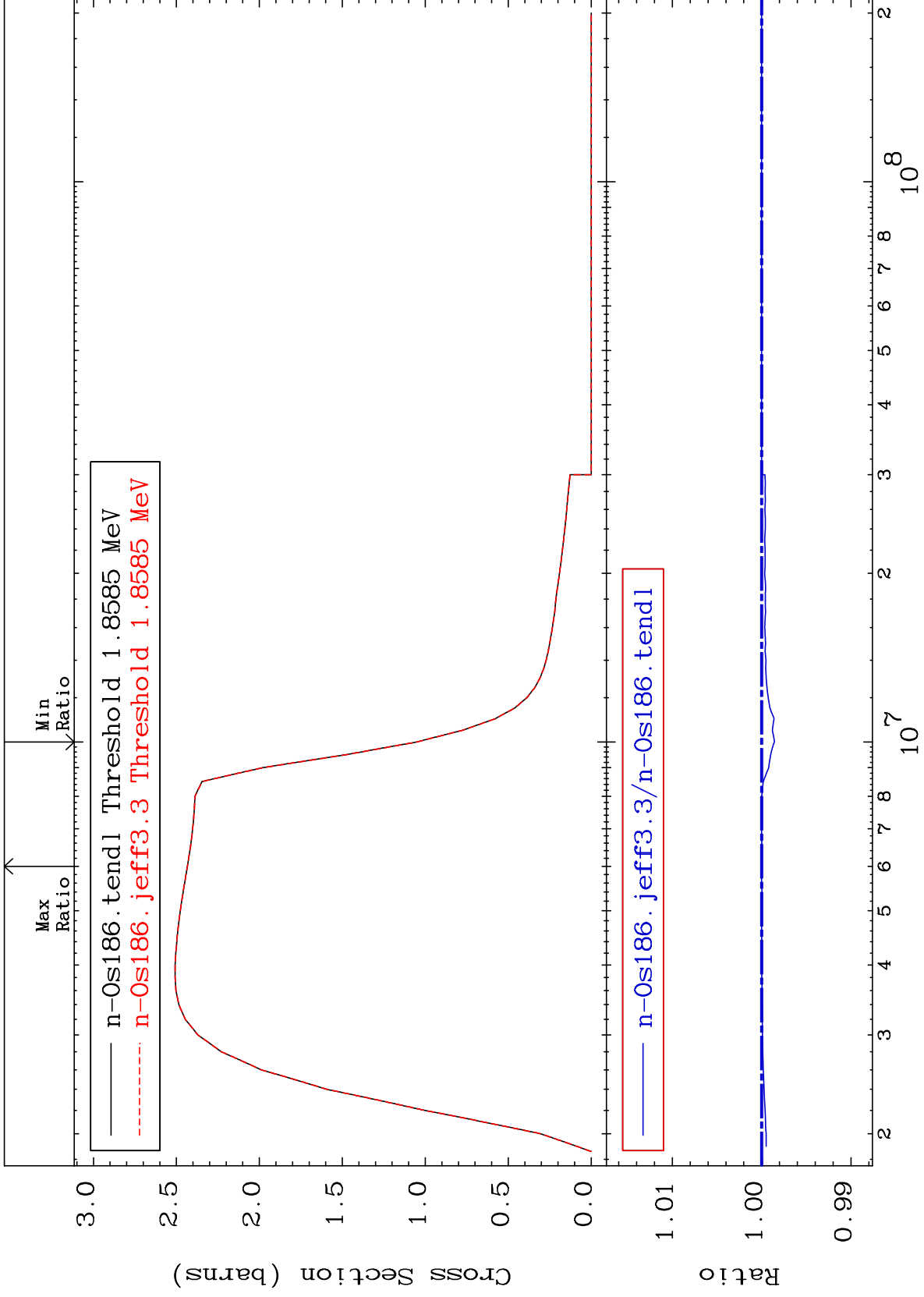


MAT 7631

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

76-0s-186
0.000 To 0.060 %

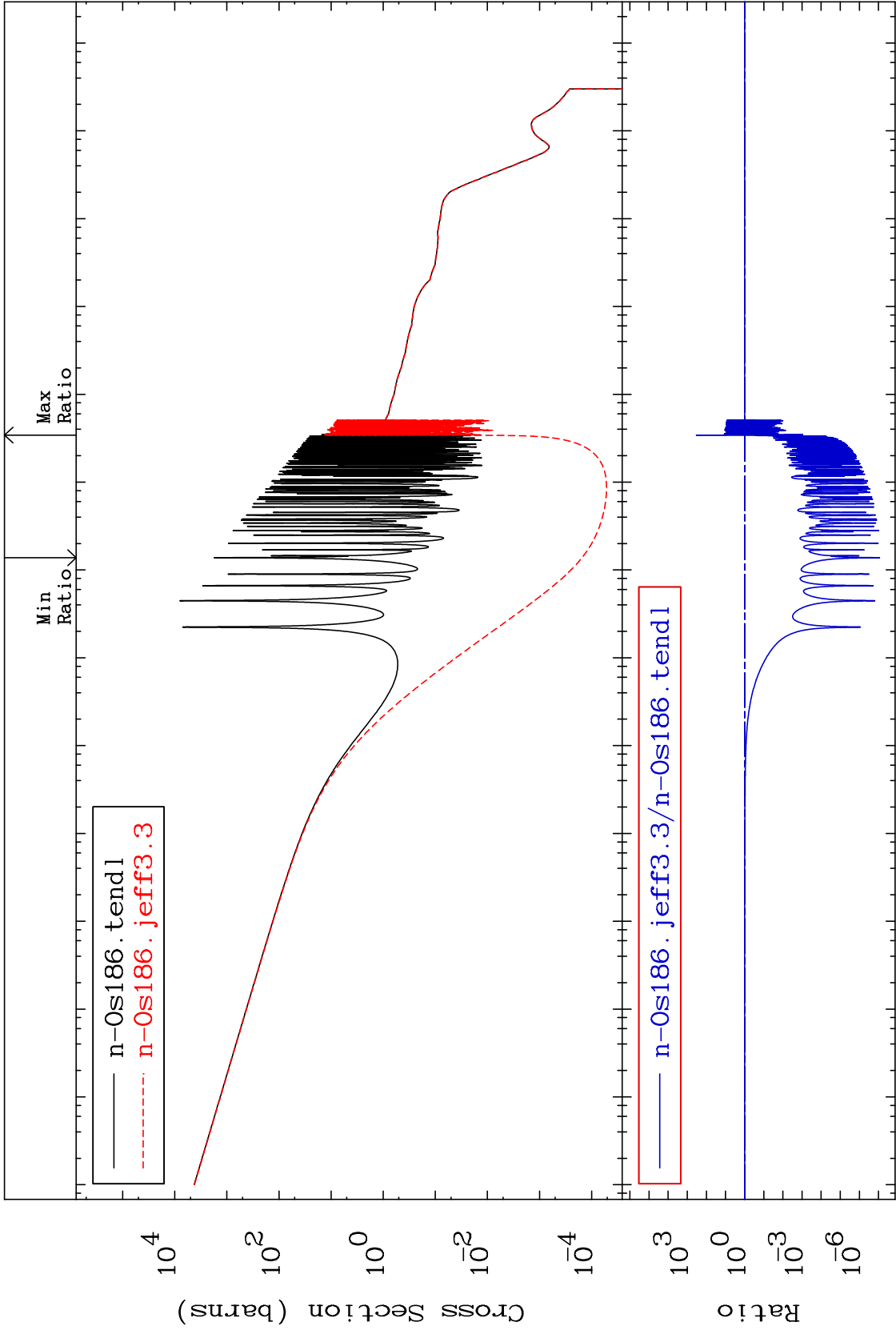




MAT 7631

(n, γ)
Cross Section

76-0s-186
-100.0 To 9999. %



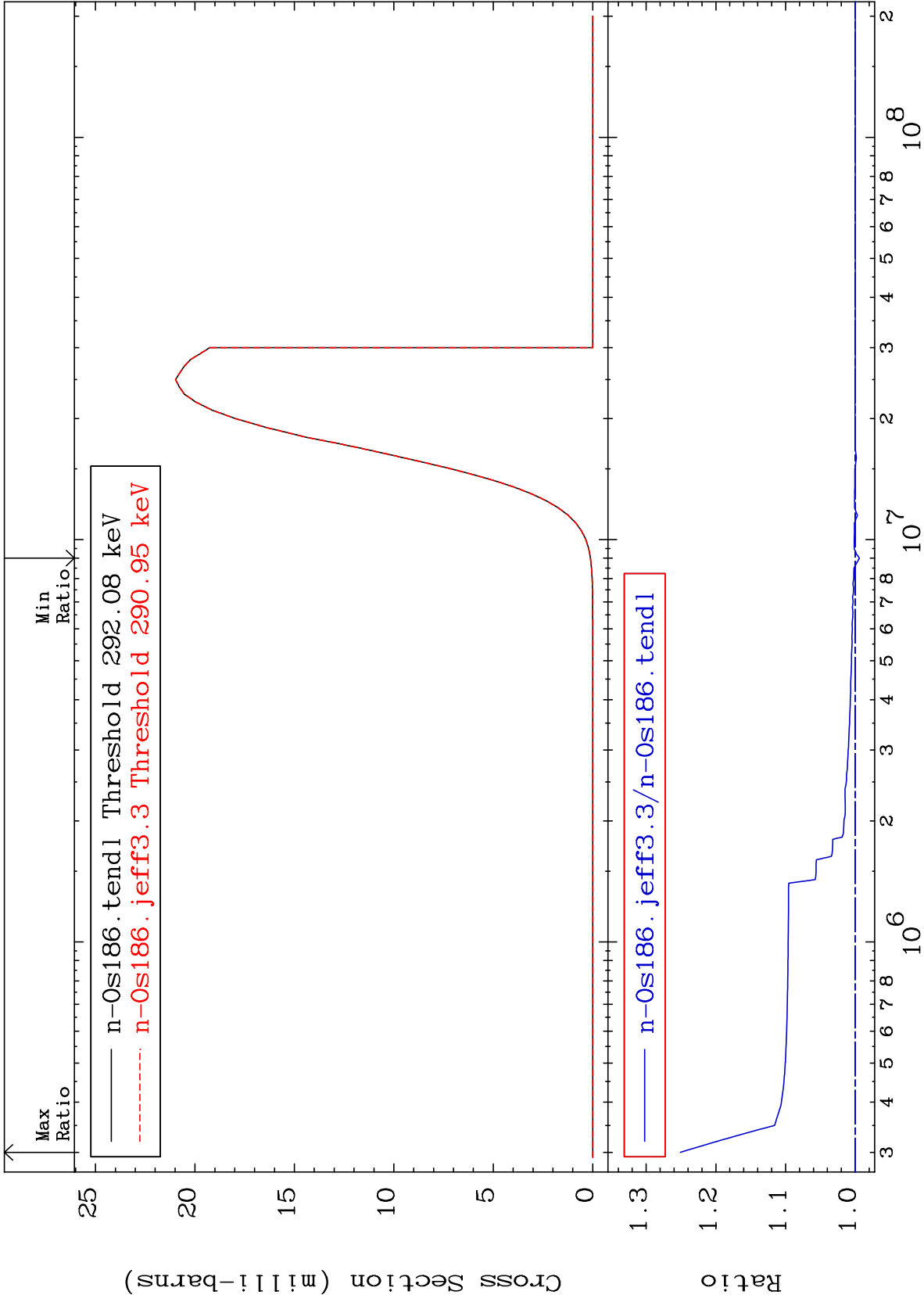
MAT 7631

(n,p)

76-0s-186

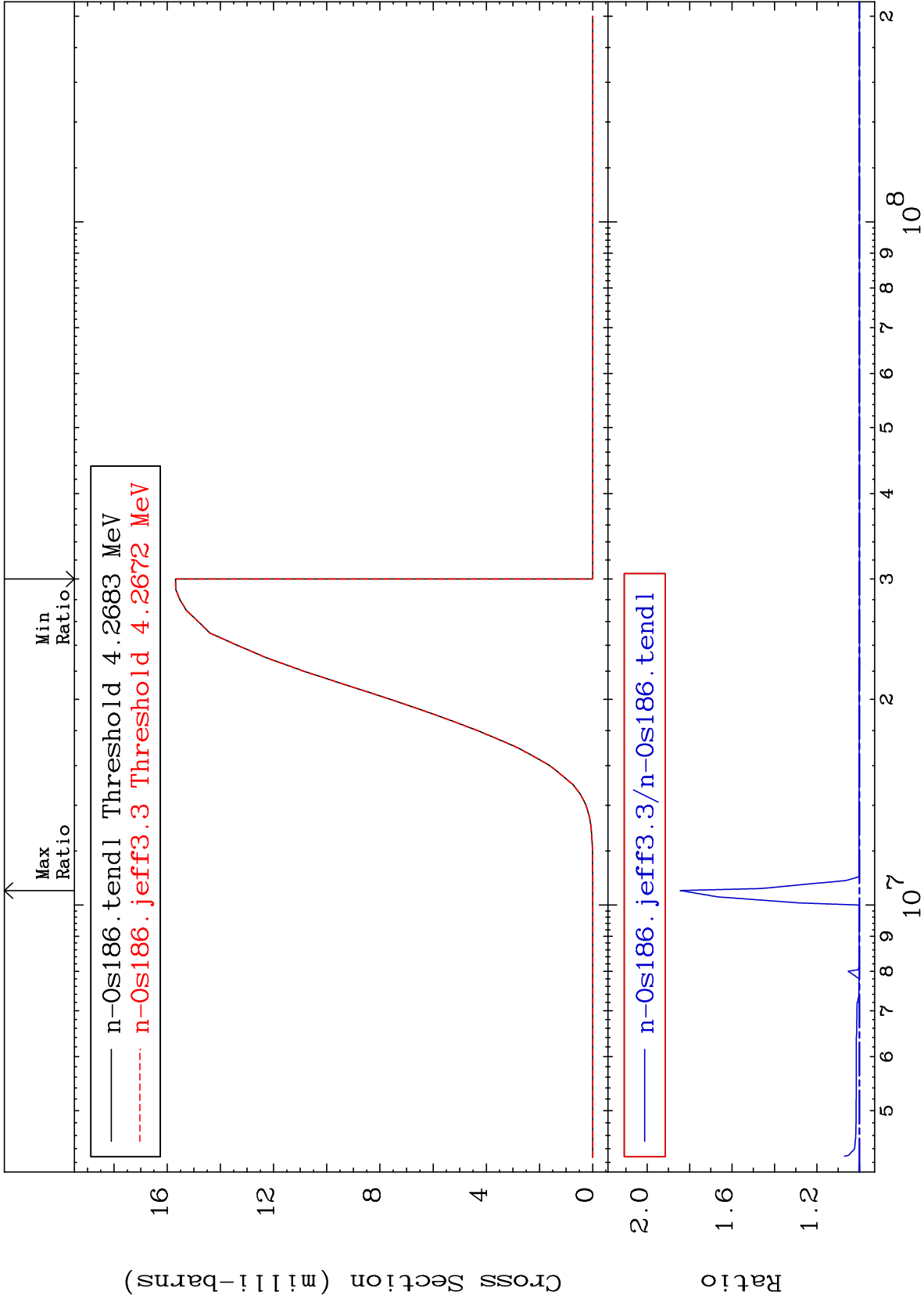
Cross Section

-0.596 To 25.10 %



Cross Section

-0.011 To 84.37 %



MAT 7631

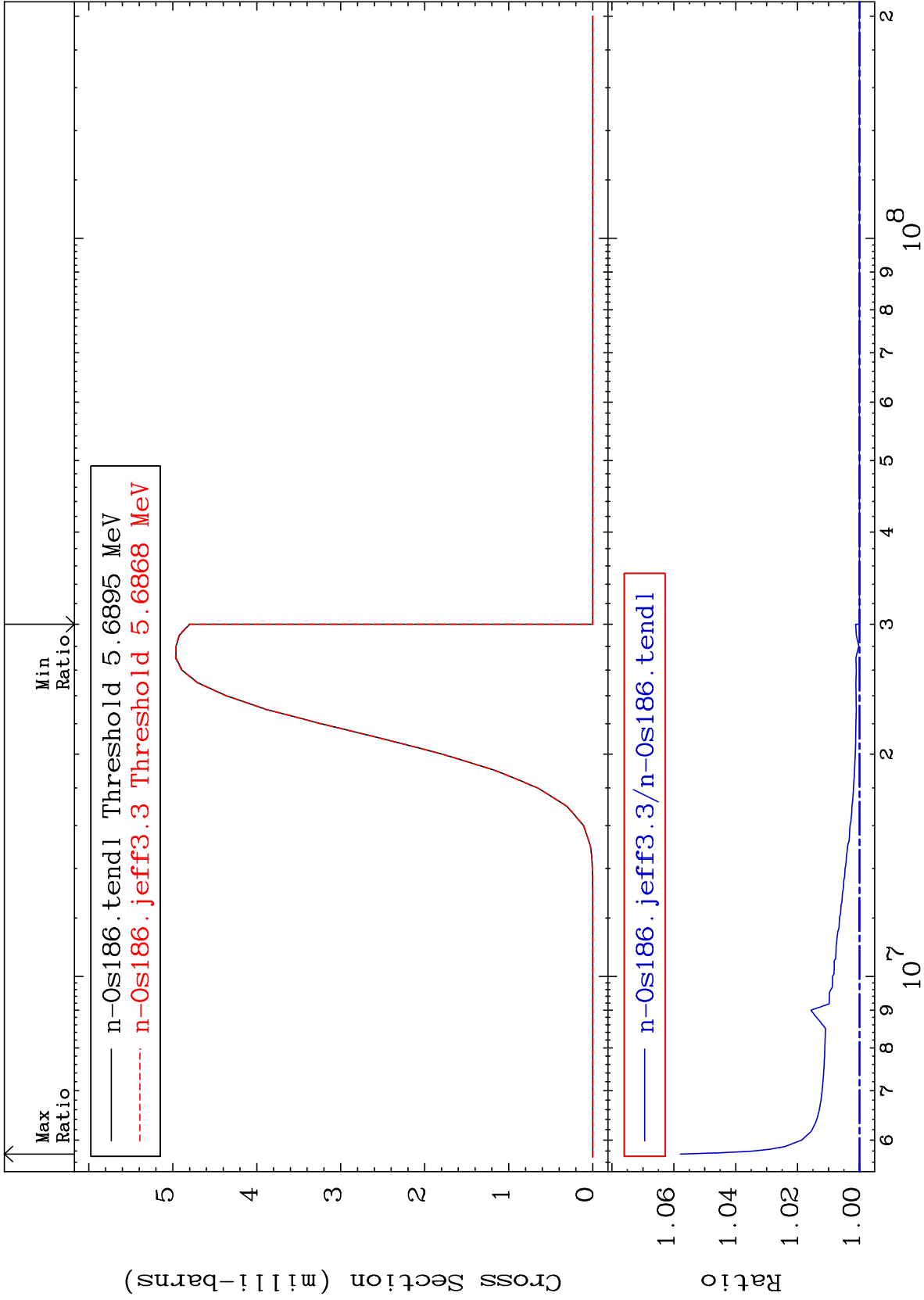
(n, t)

76-0s-186

Cross Section

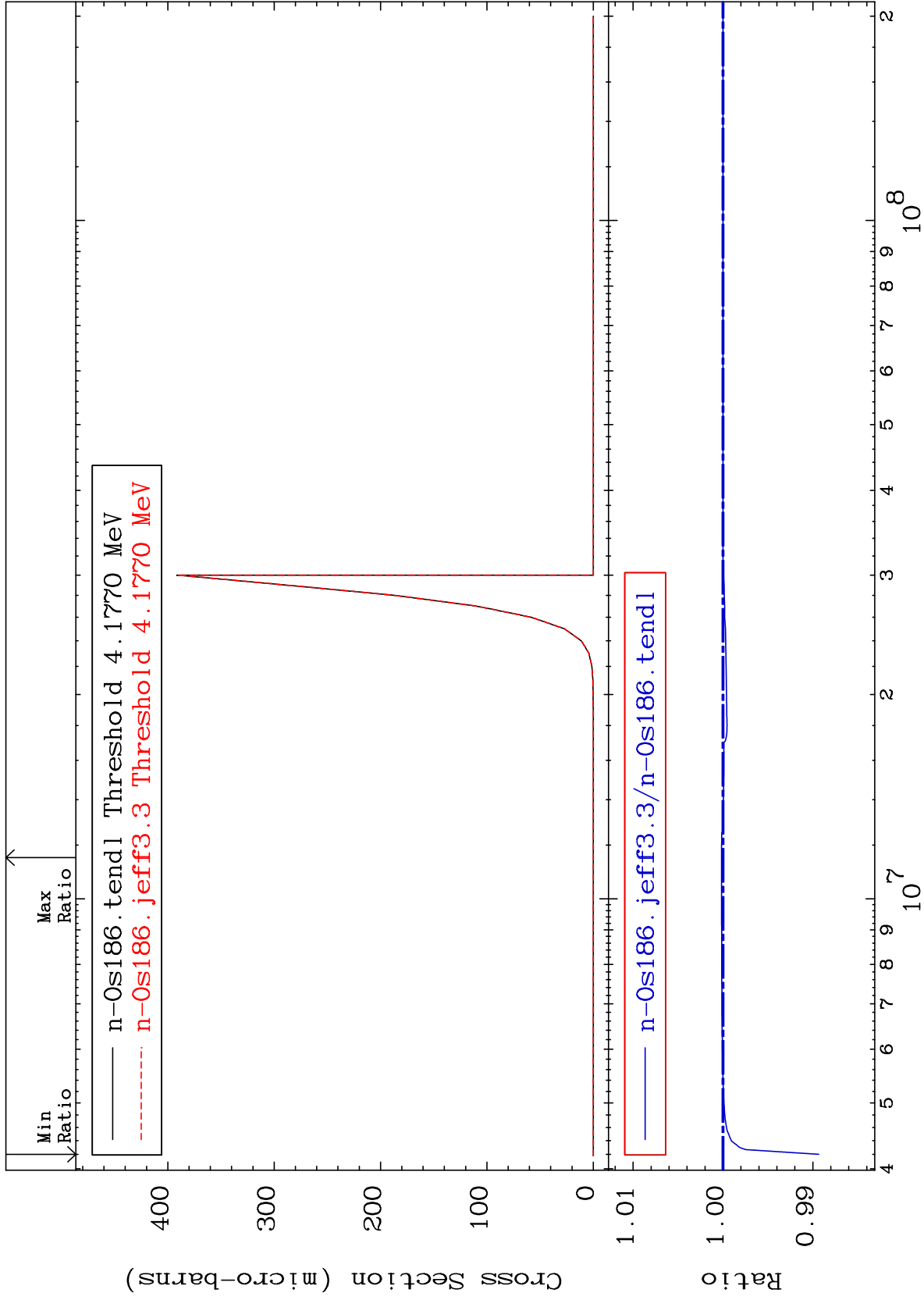
0.000

To 5.789 %



Cross Section

-1.066 To 0.017 %



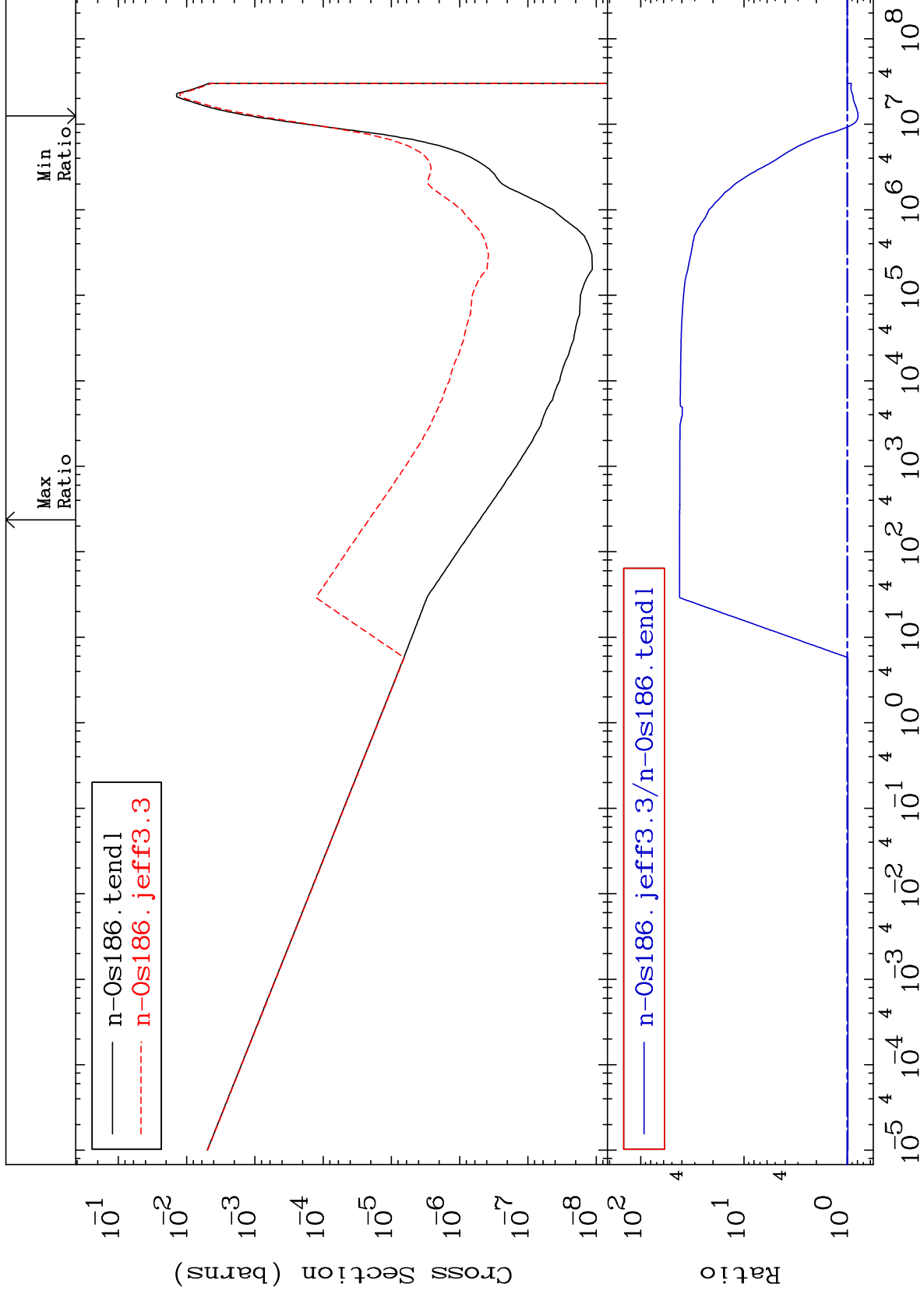
MAT 7631

76-0s-186

-21.26 To 4103. %

(n, α)

Cross Section

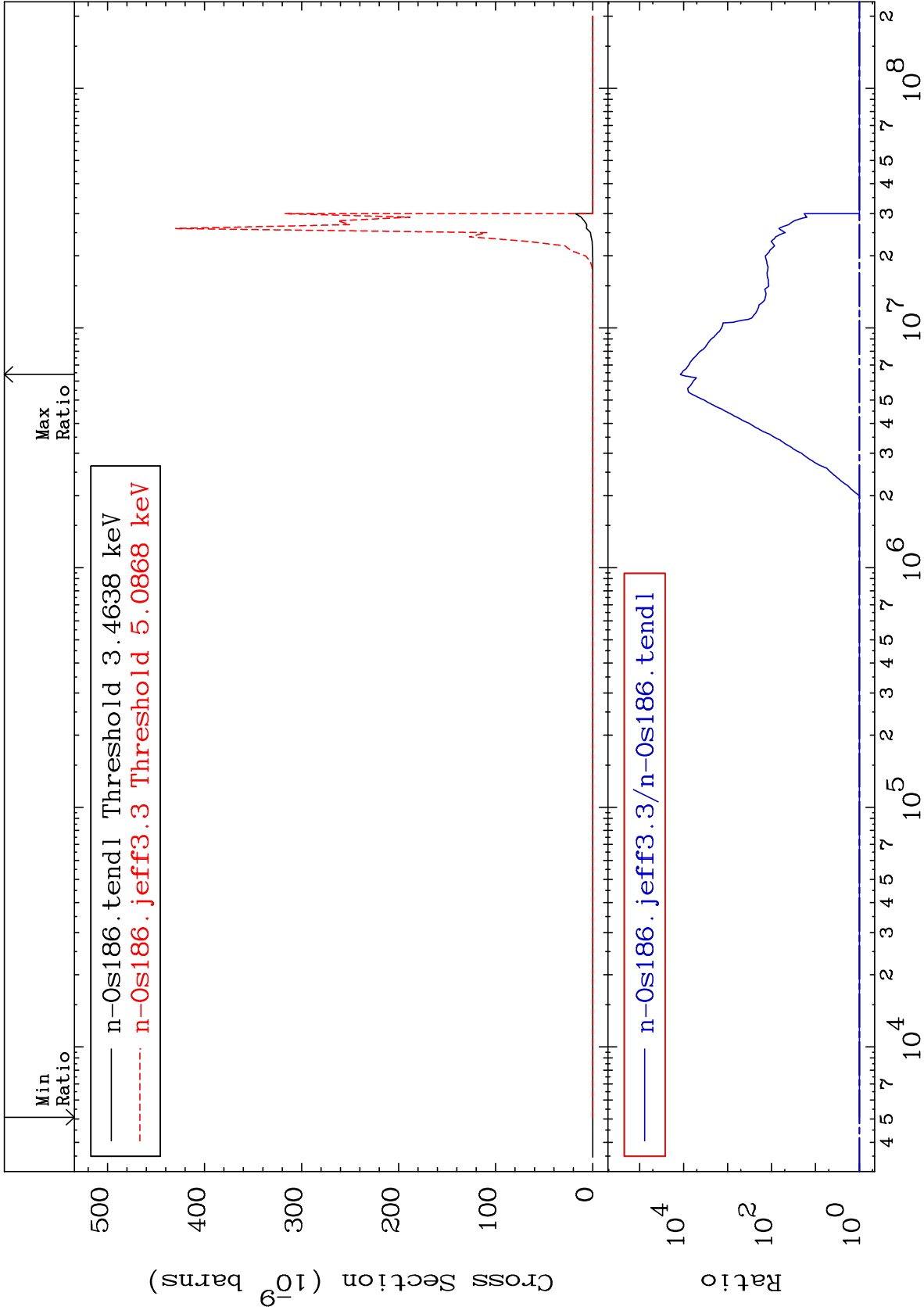


55

76-0s-186

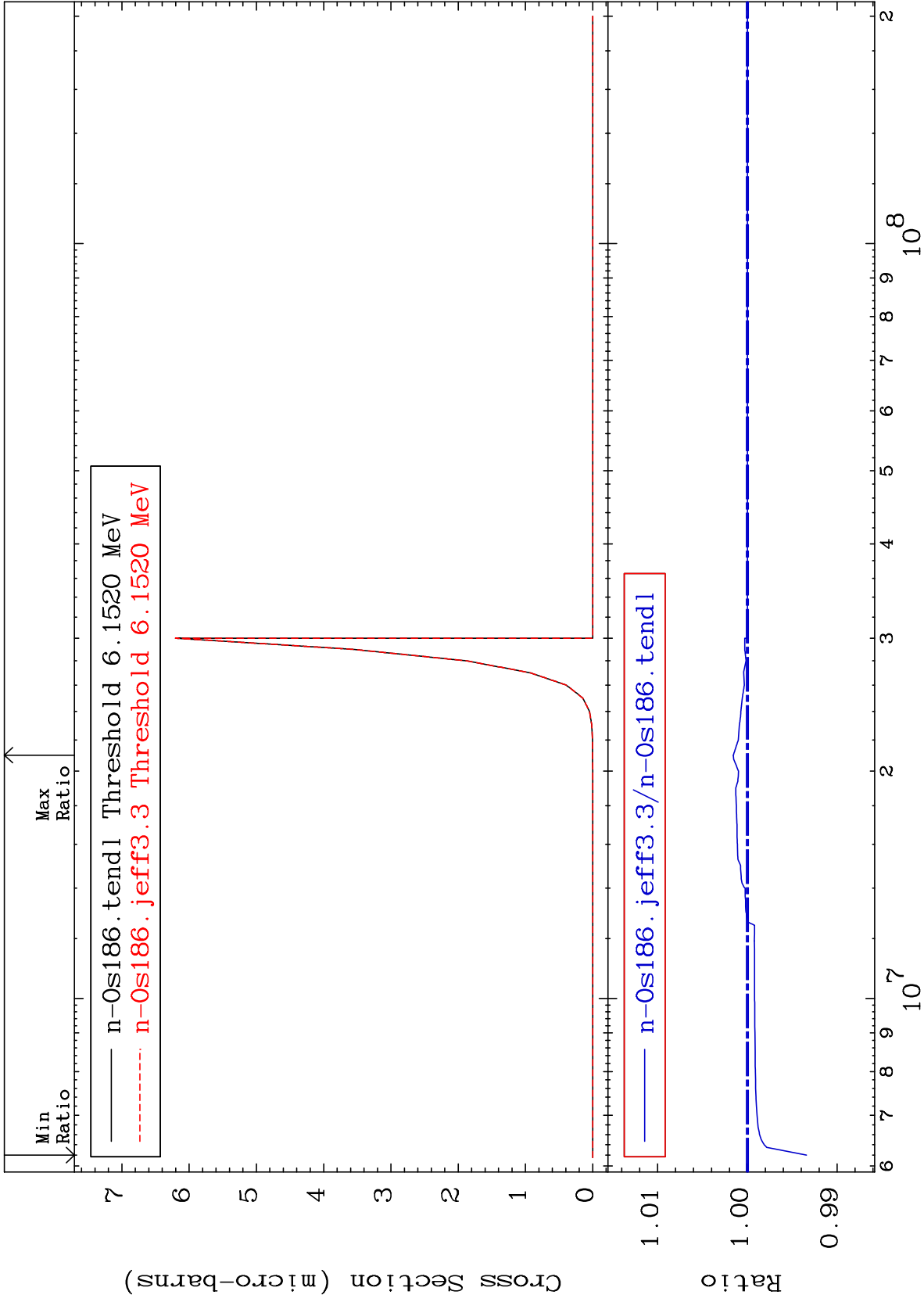
Cross Section

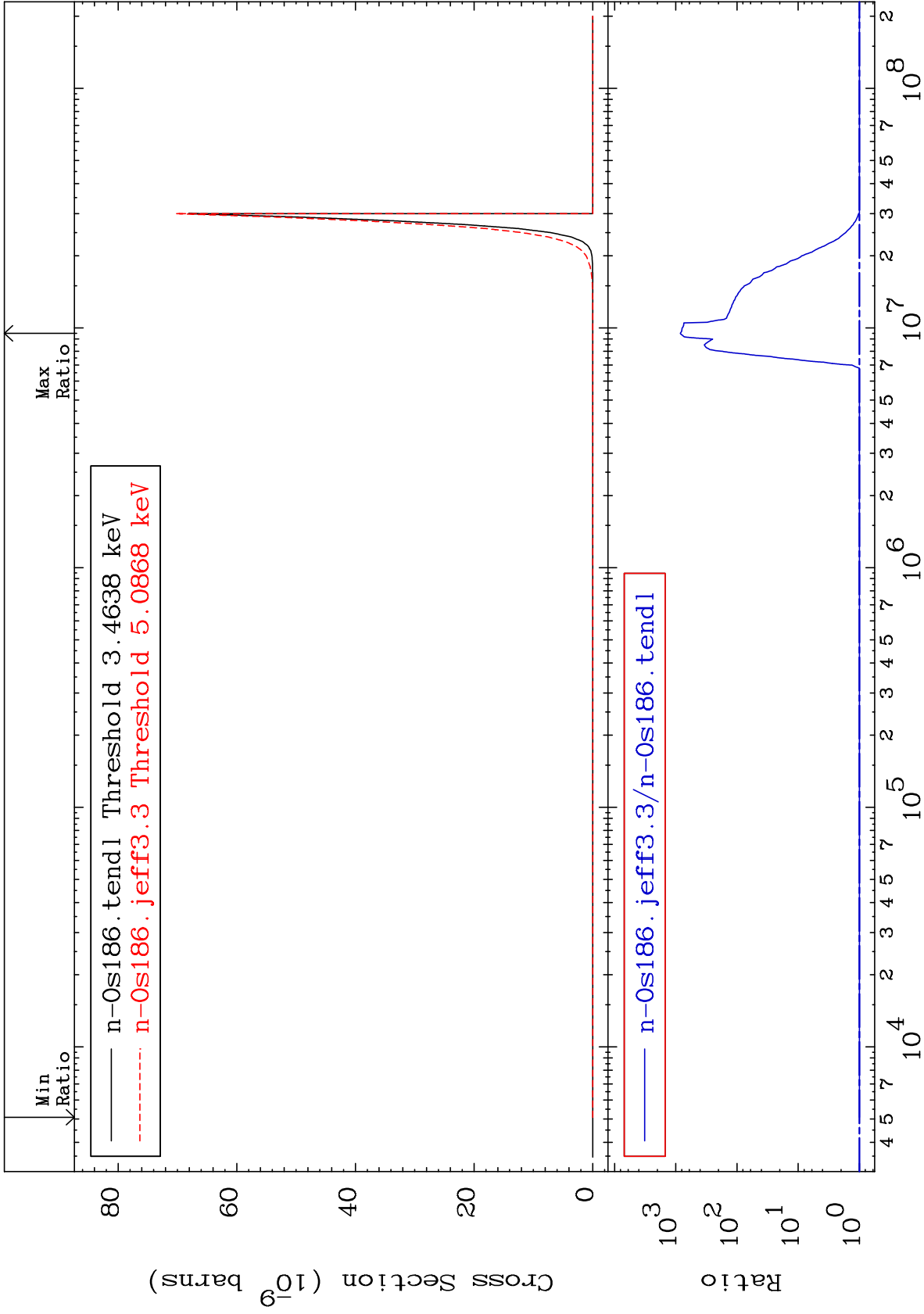
0.000 To 9999. %



Cross Section

-0.658 To 0.157 %





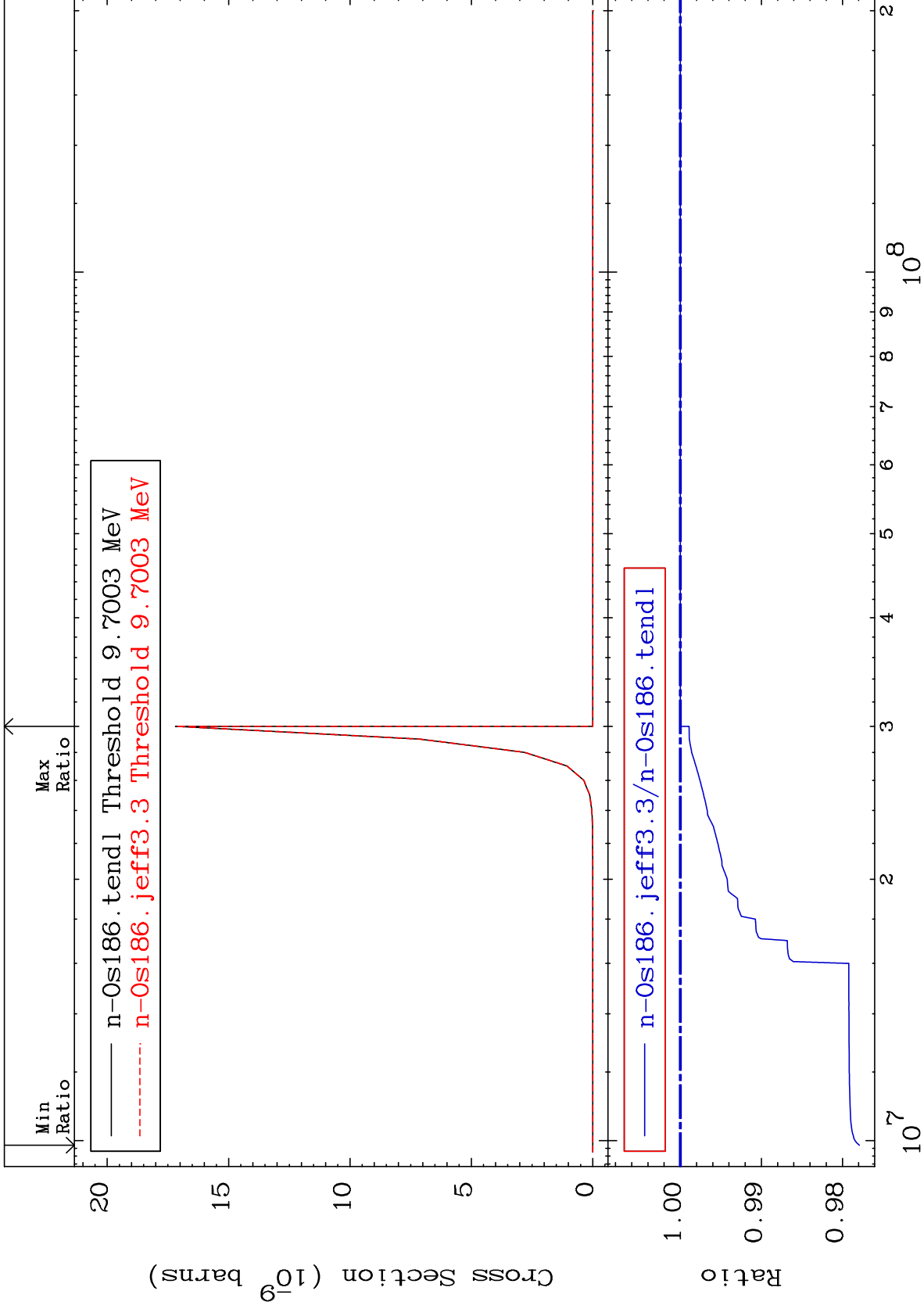
MAT 7631

(n, p) d

76-0s-186

Cross Section

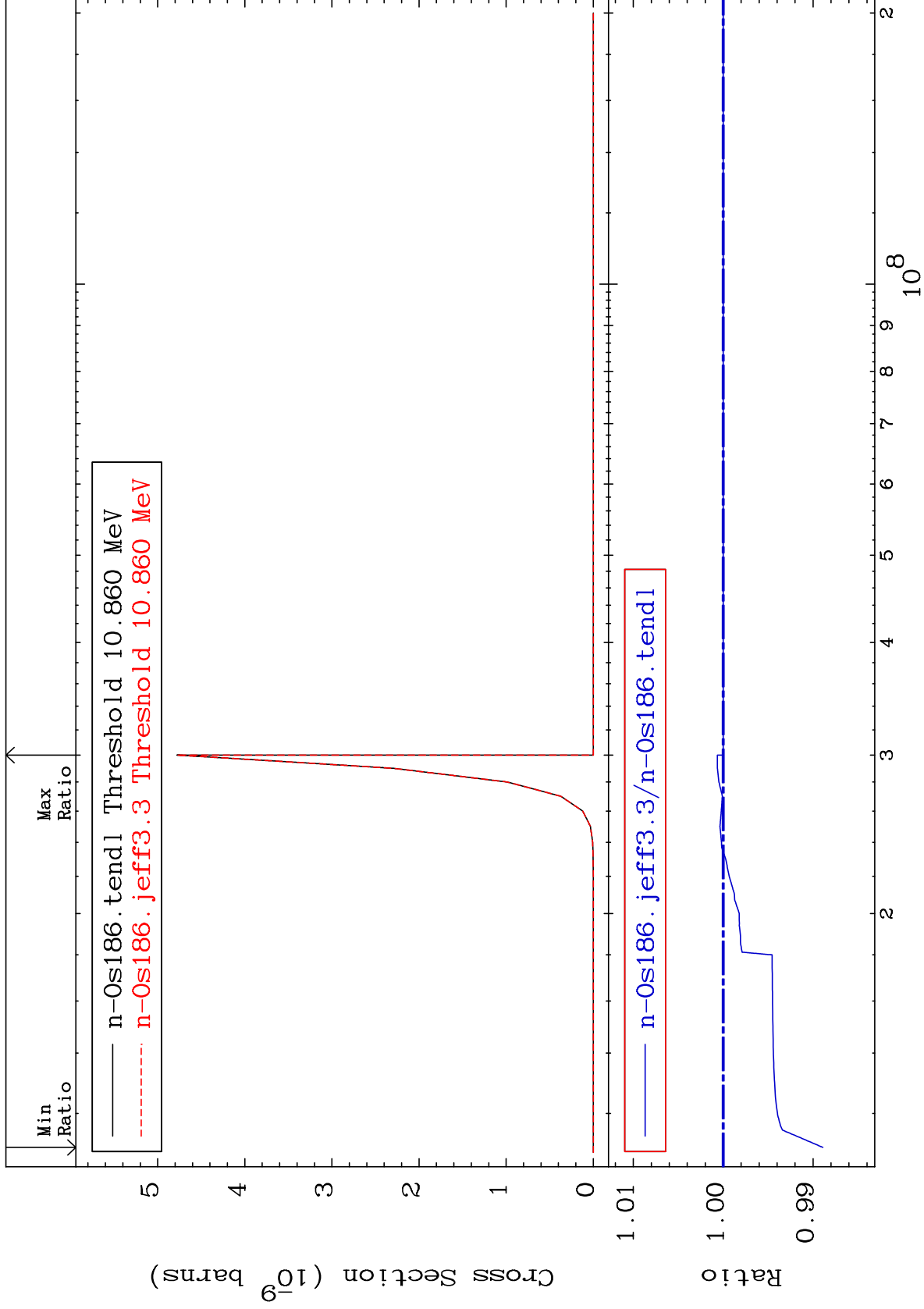
-2.209 To 0.000 %



59

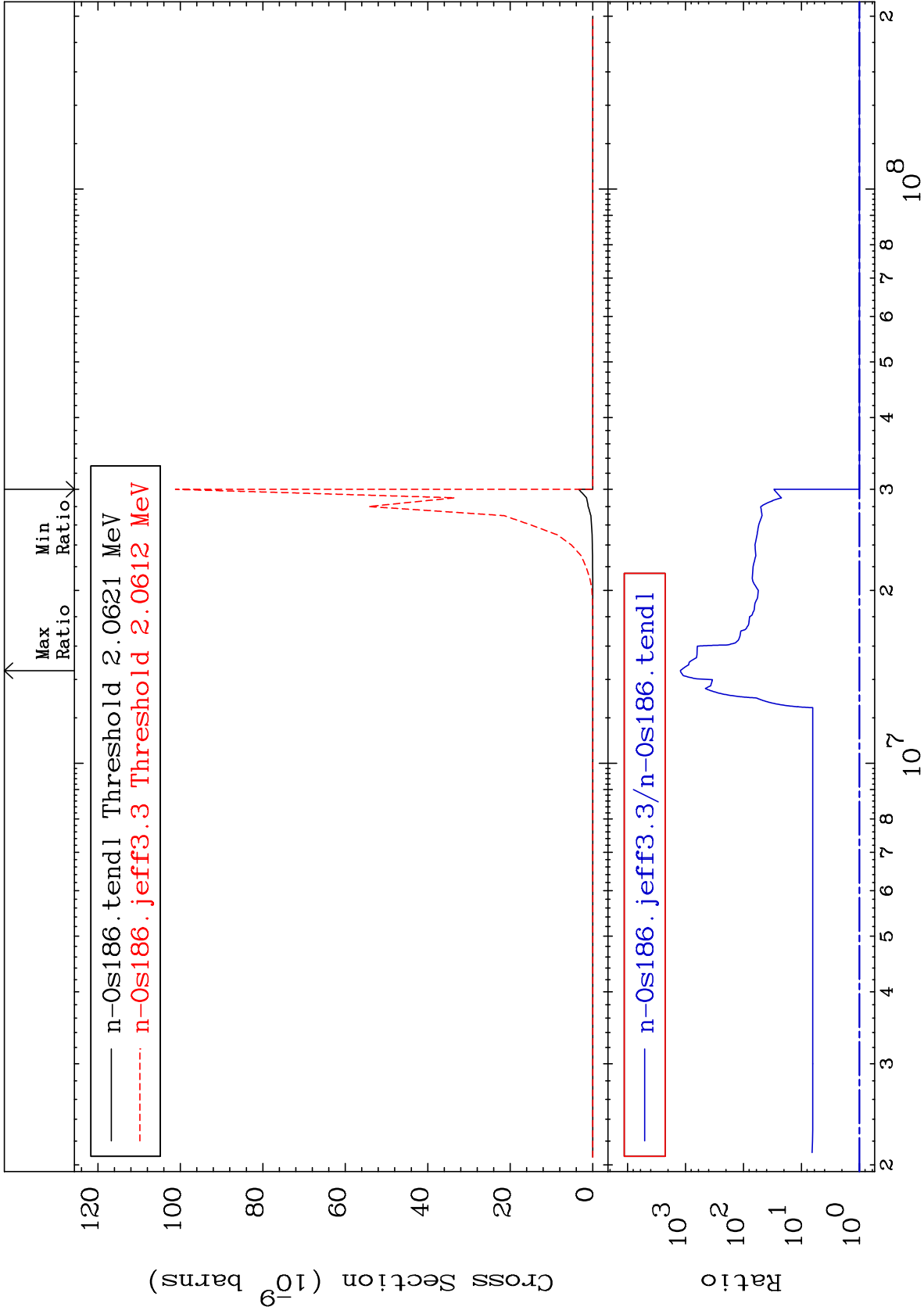
Incident Energy (eV)

76-0s-186



MAT 7631

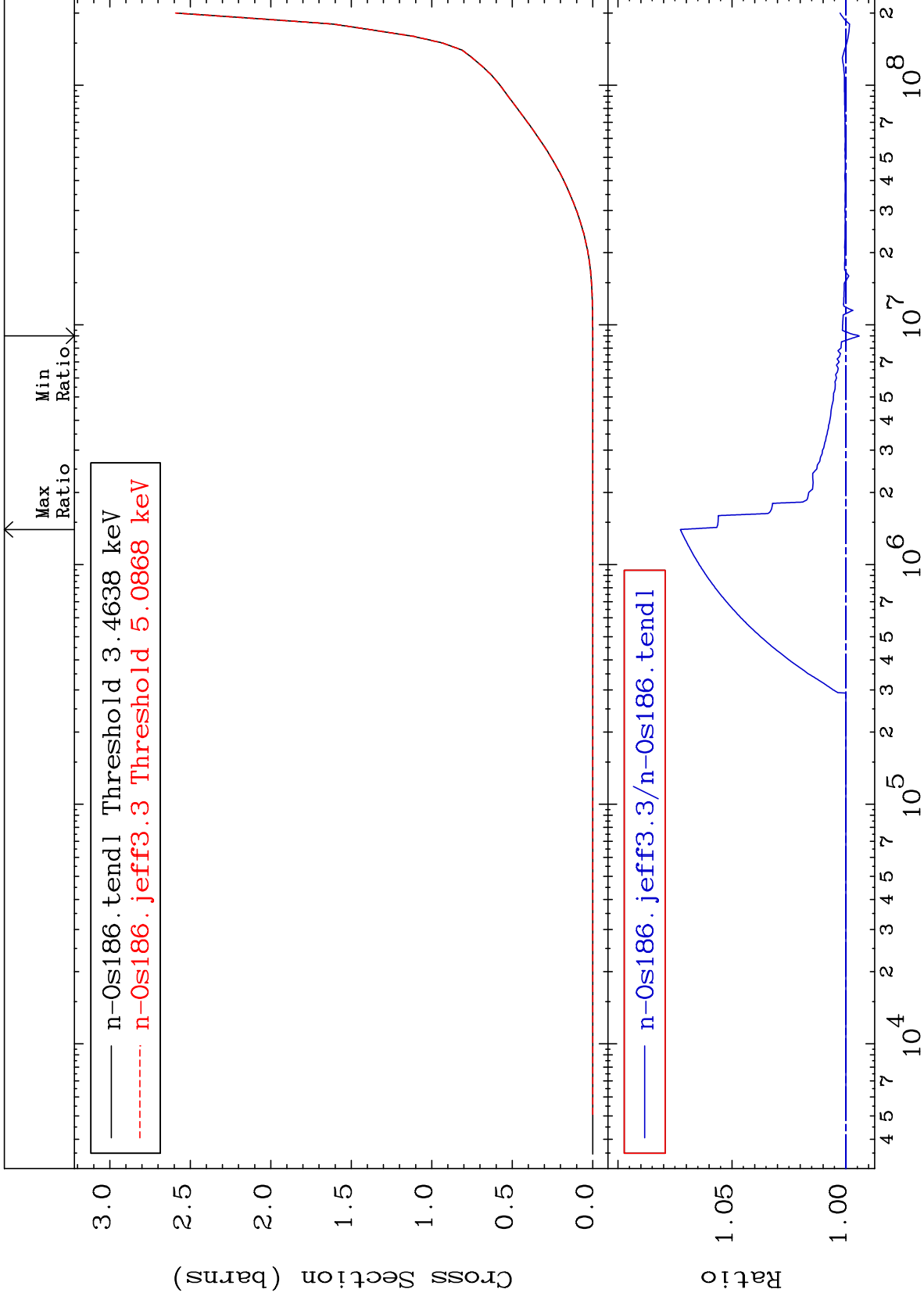
(n,d) α
Cross Section
0.000 To 9999. %
76-0s-186



61

Incident Energy (eV)

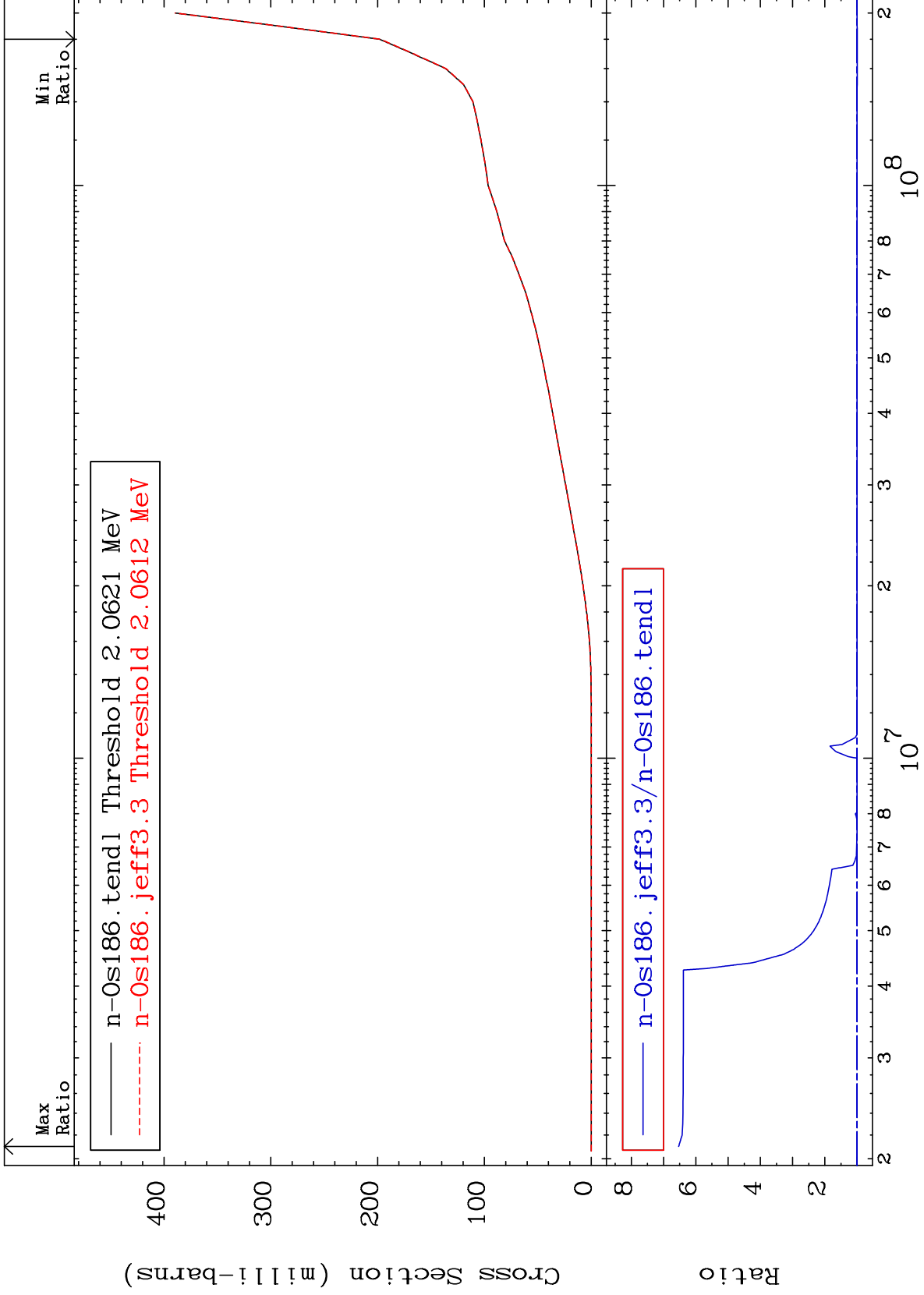
76-0s-186



MAT 7631

Deuterium Production
Cross Section

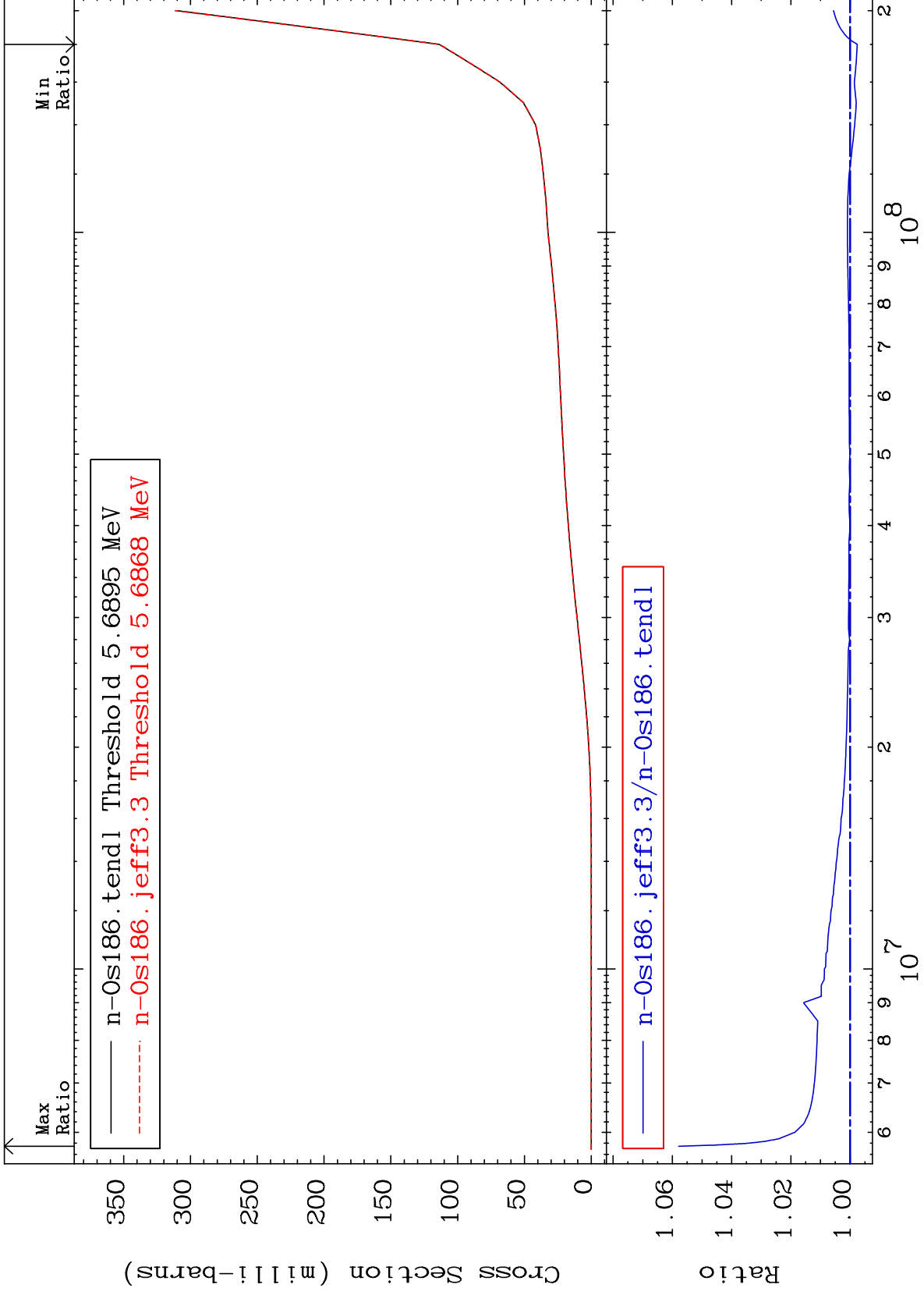
76-0s-186
-0.397 To 553.3 %



MAT 7631

Tritium Production
Cross Section

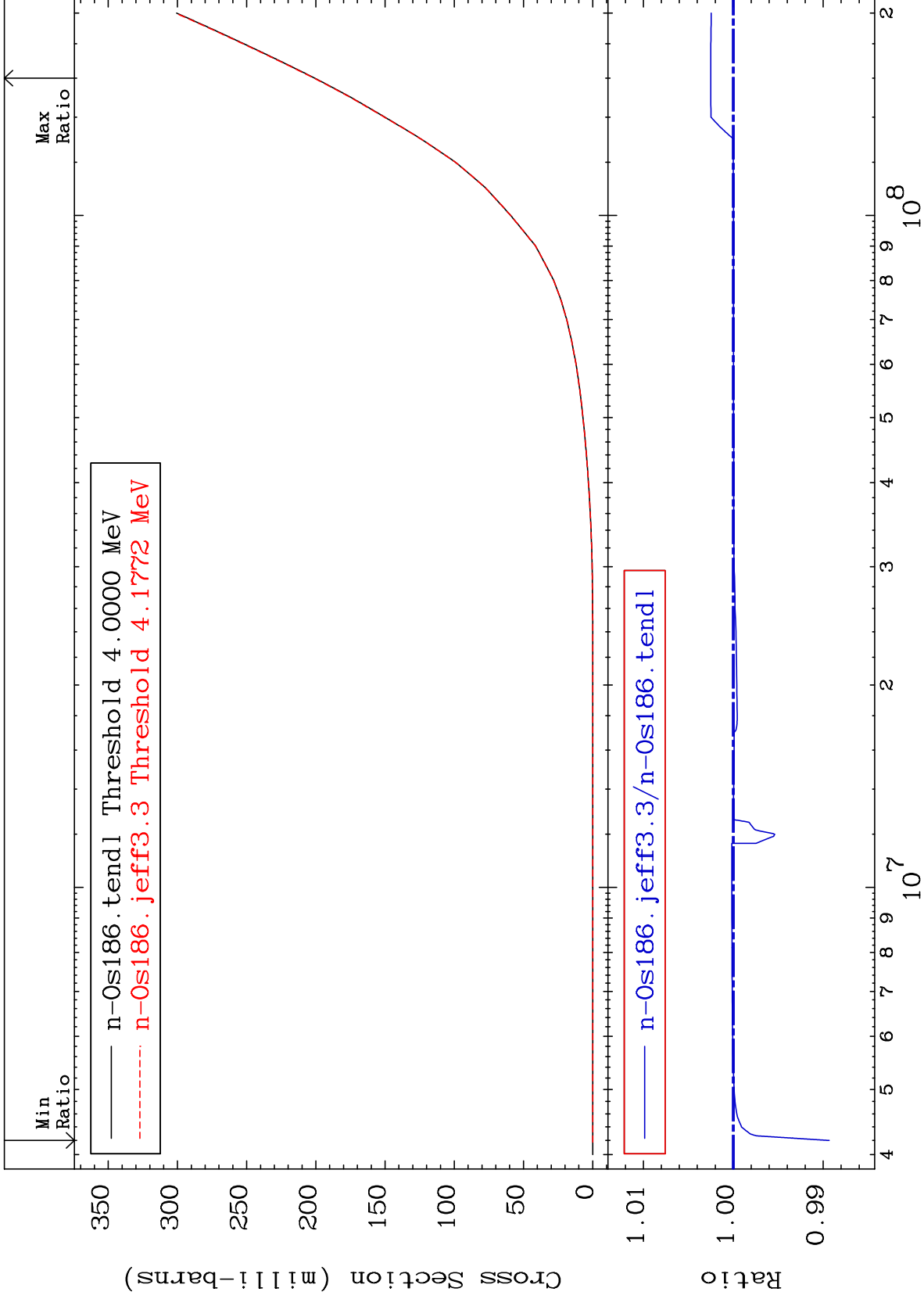
76-0s-186
-0.241 To 5.789 %



64

Incident Energy (eV)

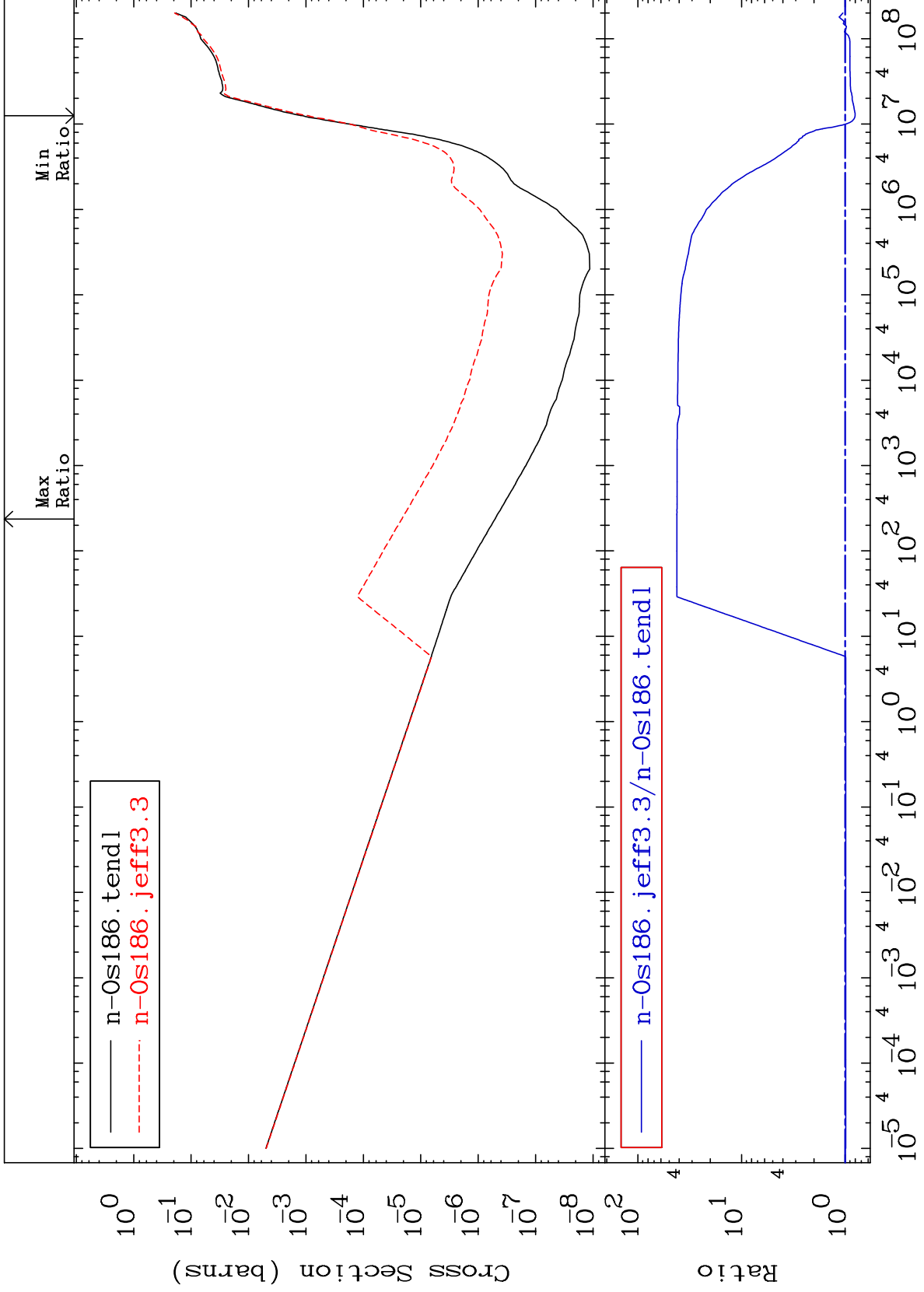
76-0s-186



MAT 7631

He-4 Production
Cross Section

76-0s-186
-19.74 To 4103. %



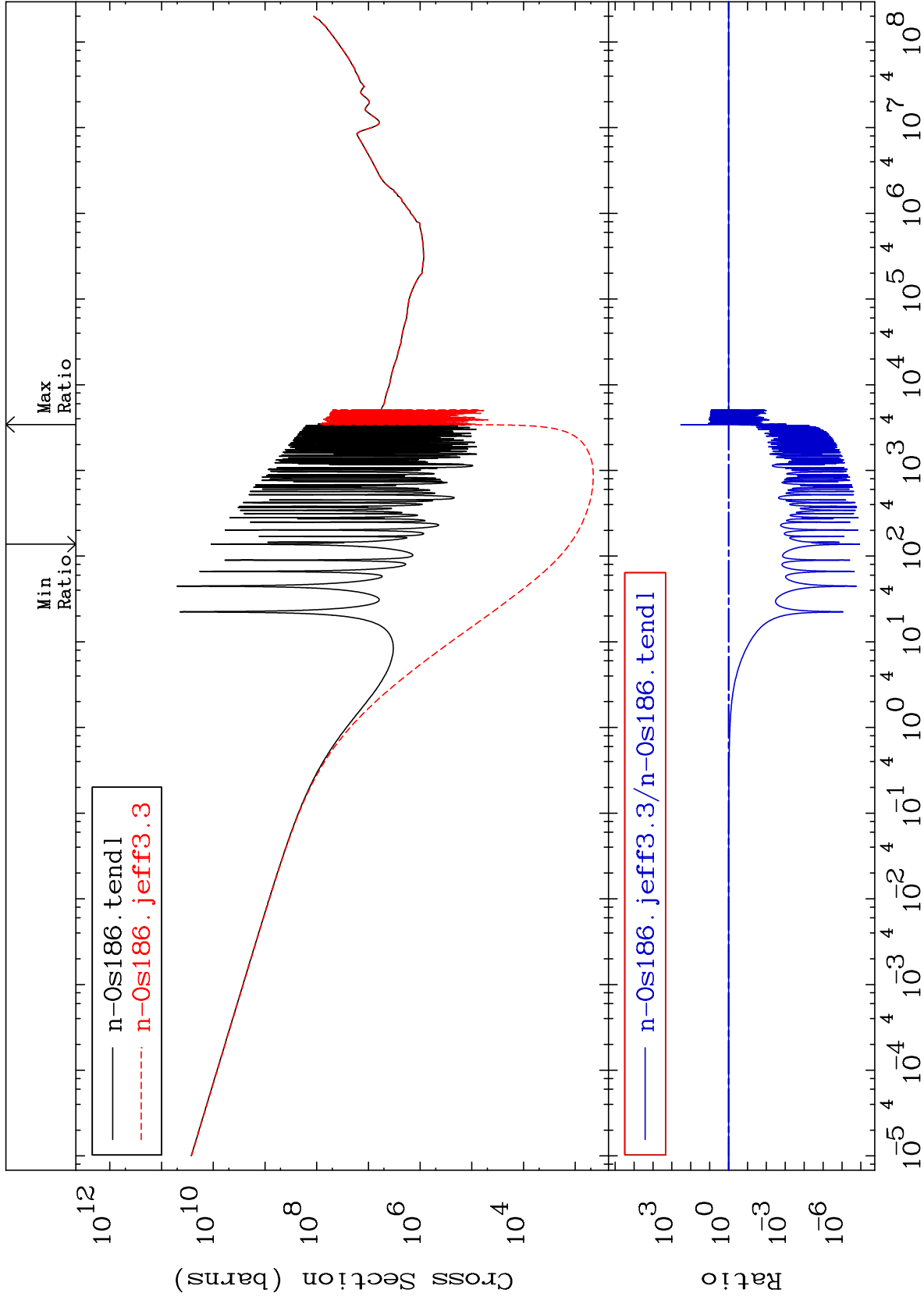
66

Incident Energy (eV)

76-0s-186

Cross Section

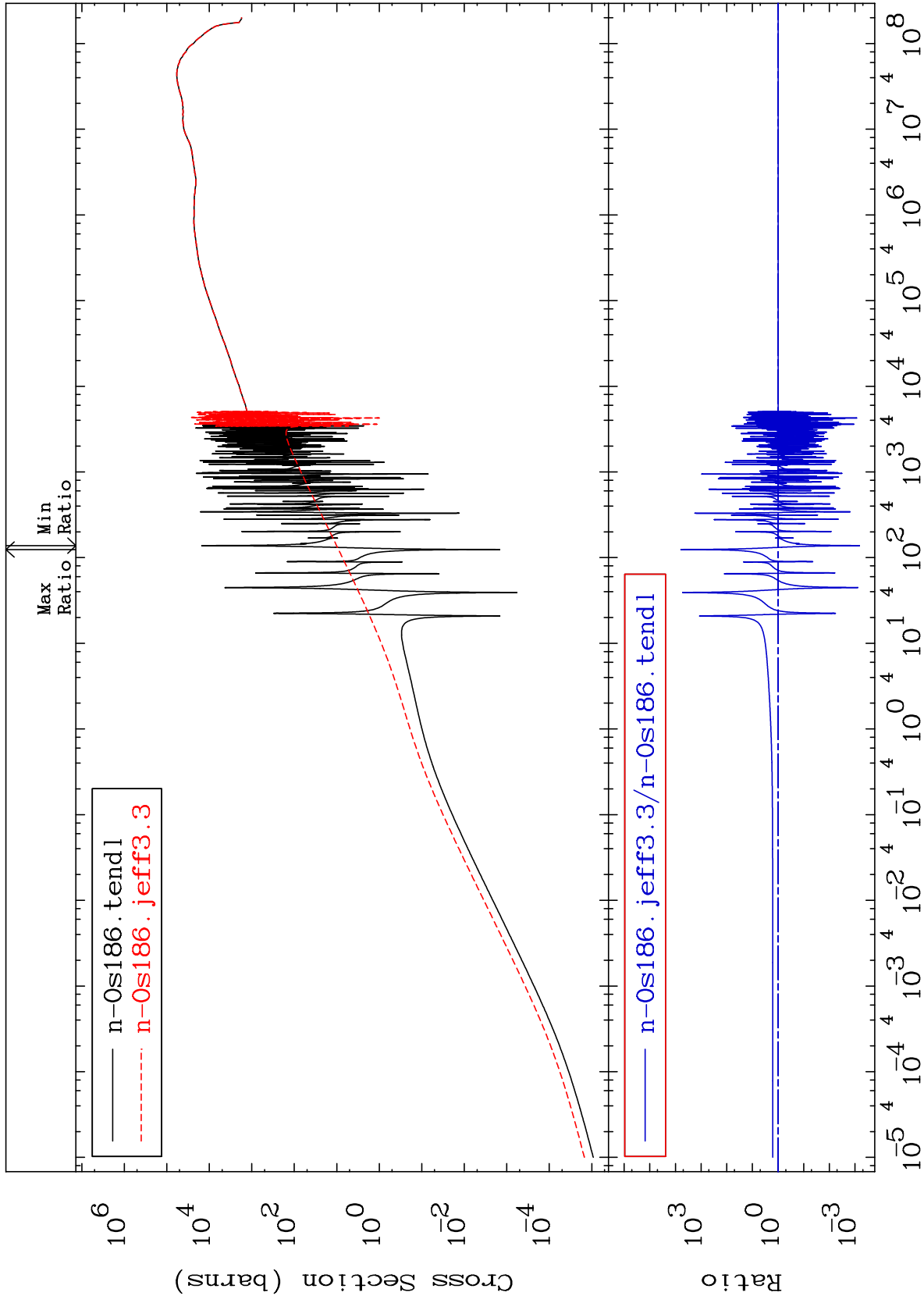
-100.0 To 9999. %

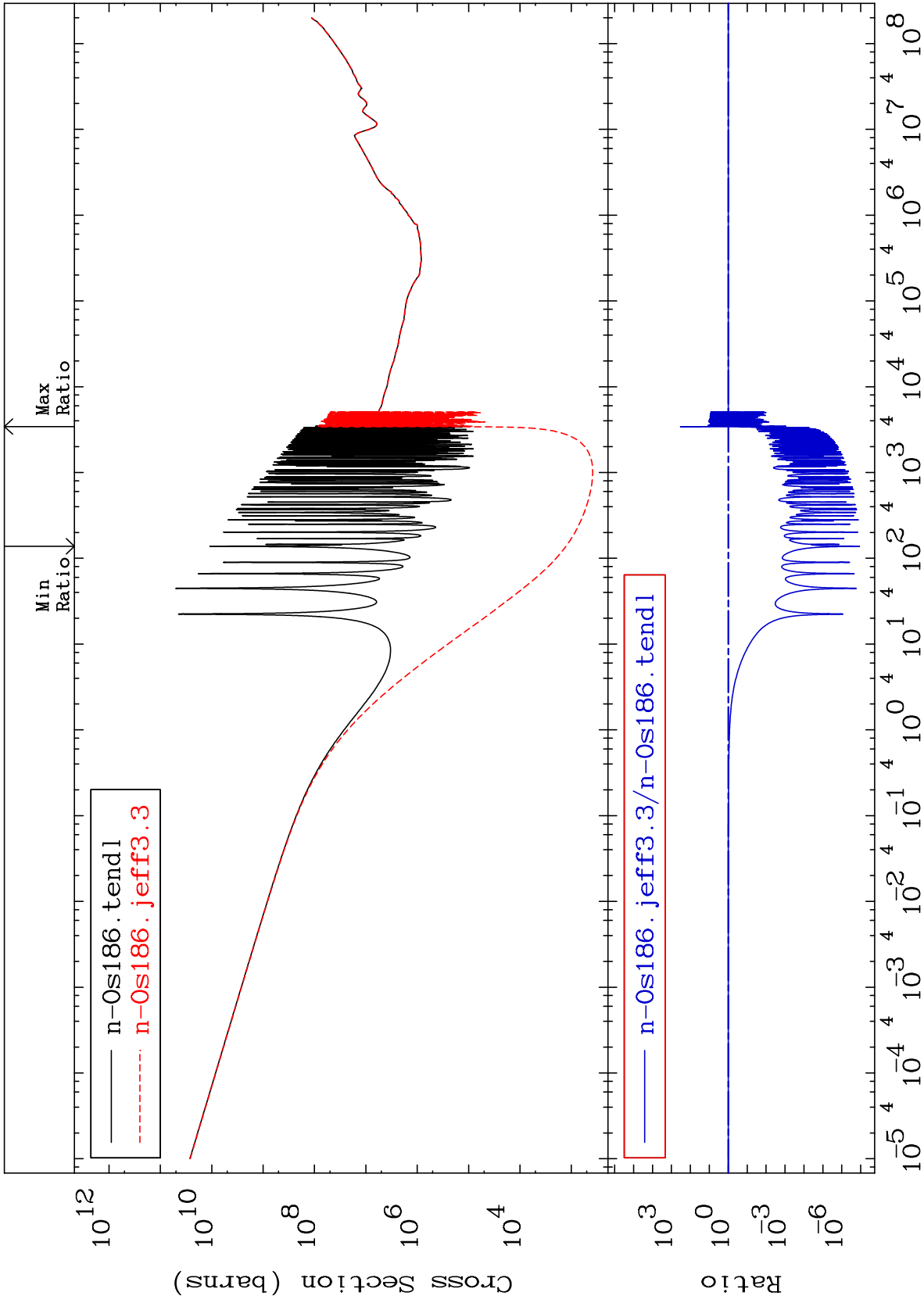


MAT 7631

Kerma elastic
Cross Section

76-0s-186
-99.93 To 9999. %

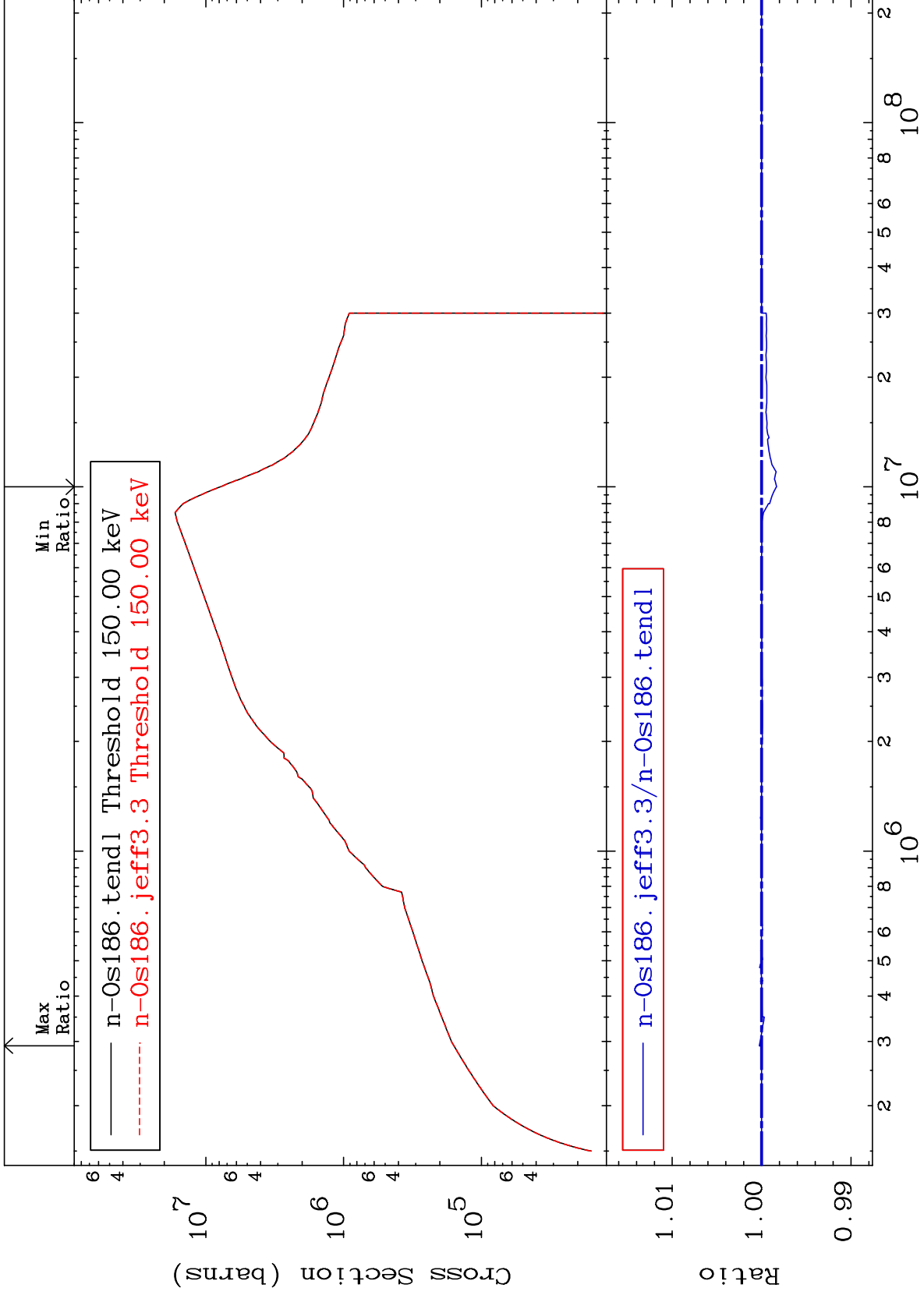




MAT 7631

Kerma inelastic (mt51-91)
Cross Section

76-0s-186
-0.168 To 0.026 %



70

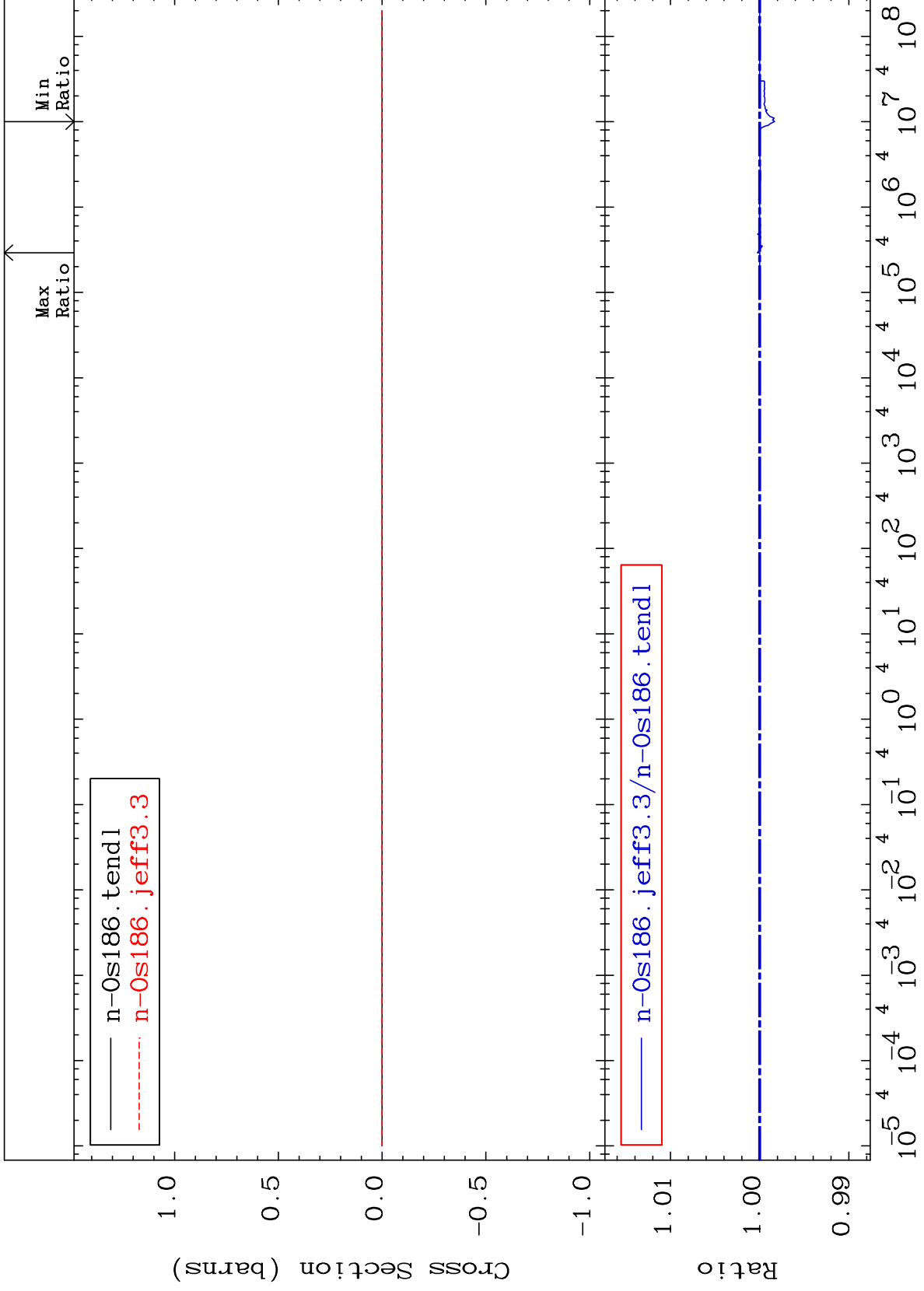
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
-0.168 To 0.026 %



71

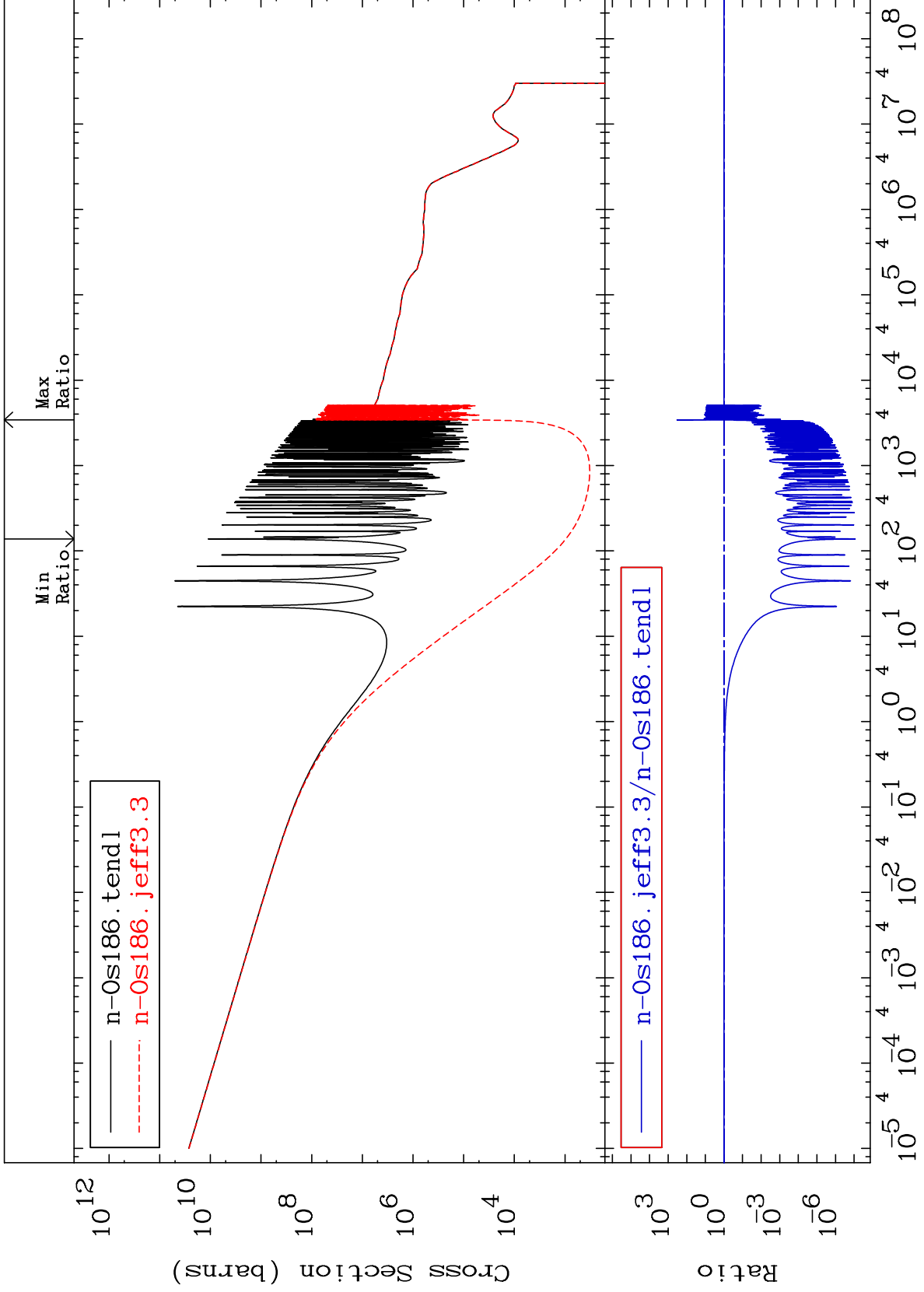
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma capture (mt102)
Cross Section

76-0s-186
-100.0 To 9999. %



72

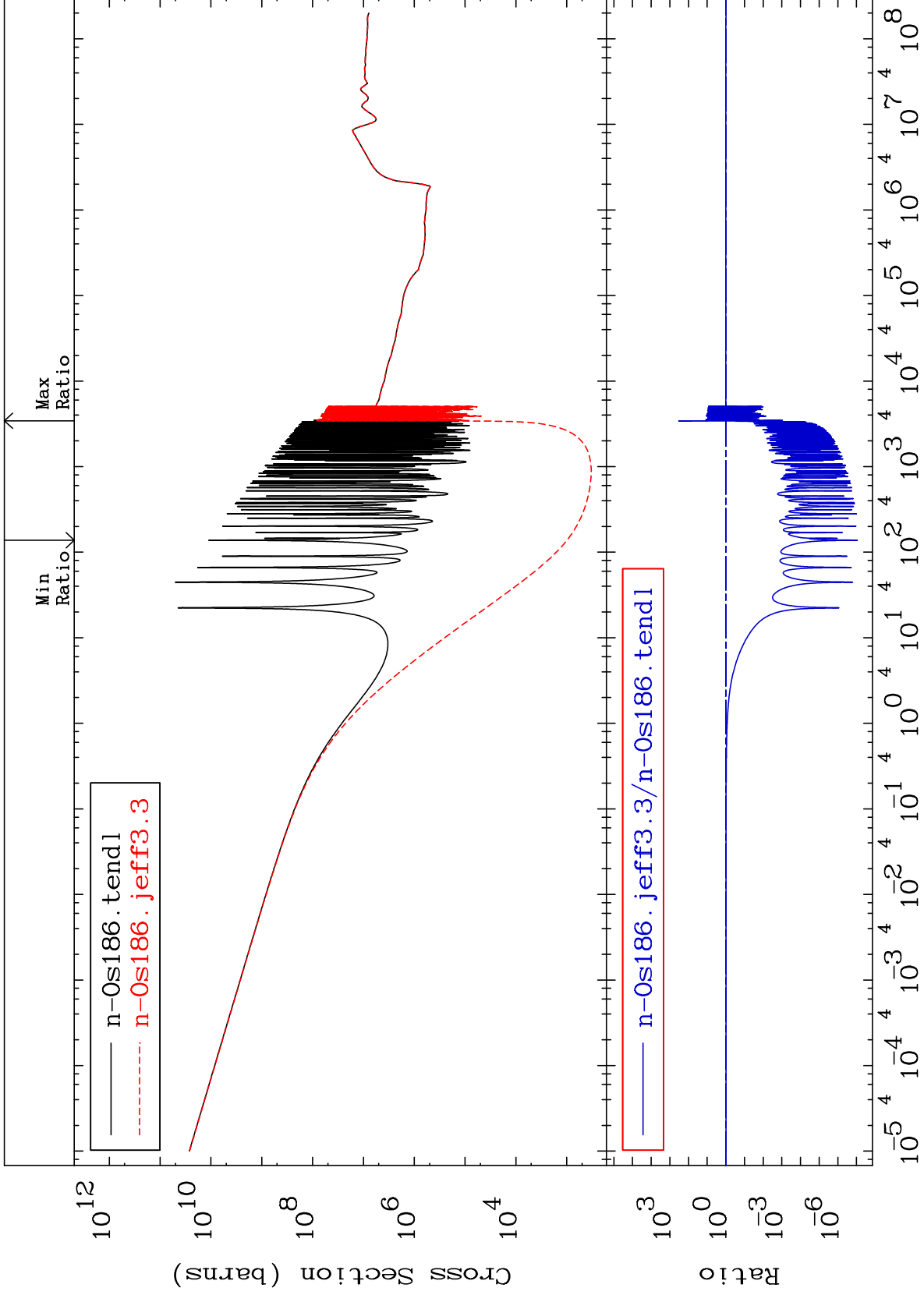
Incident Energy (eV)

76-0s-186

MAT 7631

Total photon (eV-barns)
Cross Section

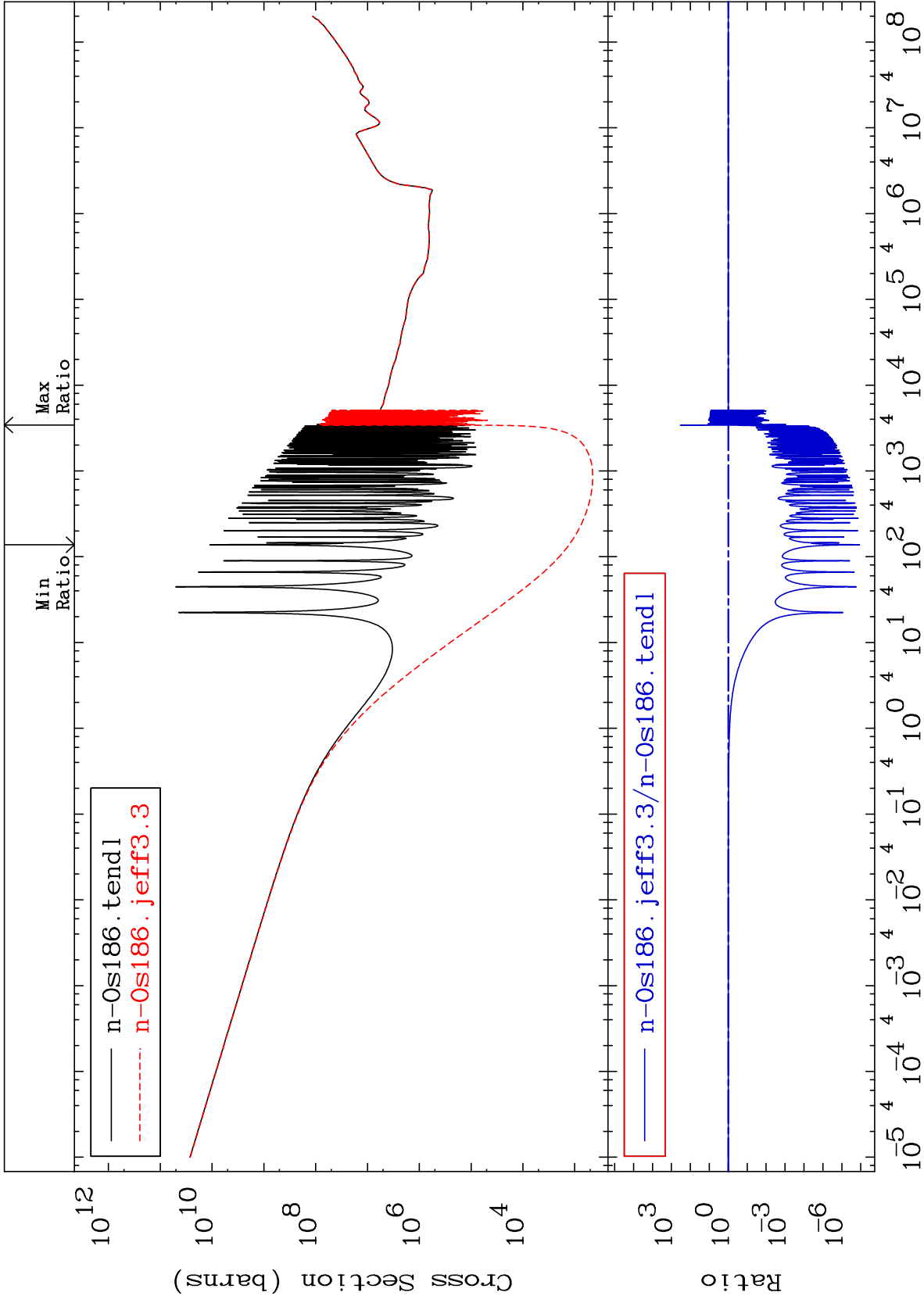
76-0s-186
-100.0 To 9999. %

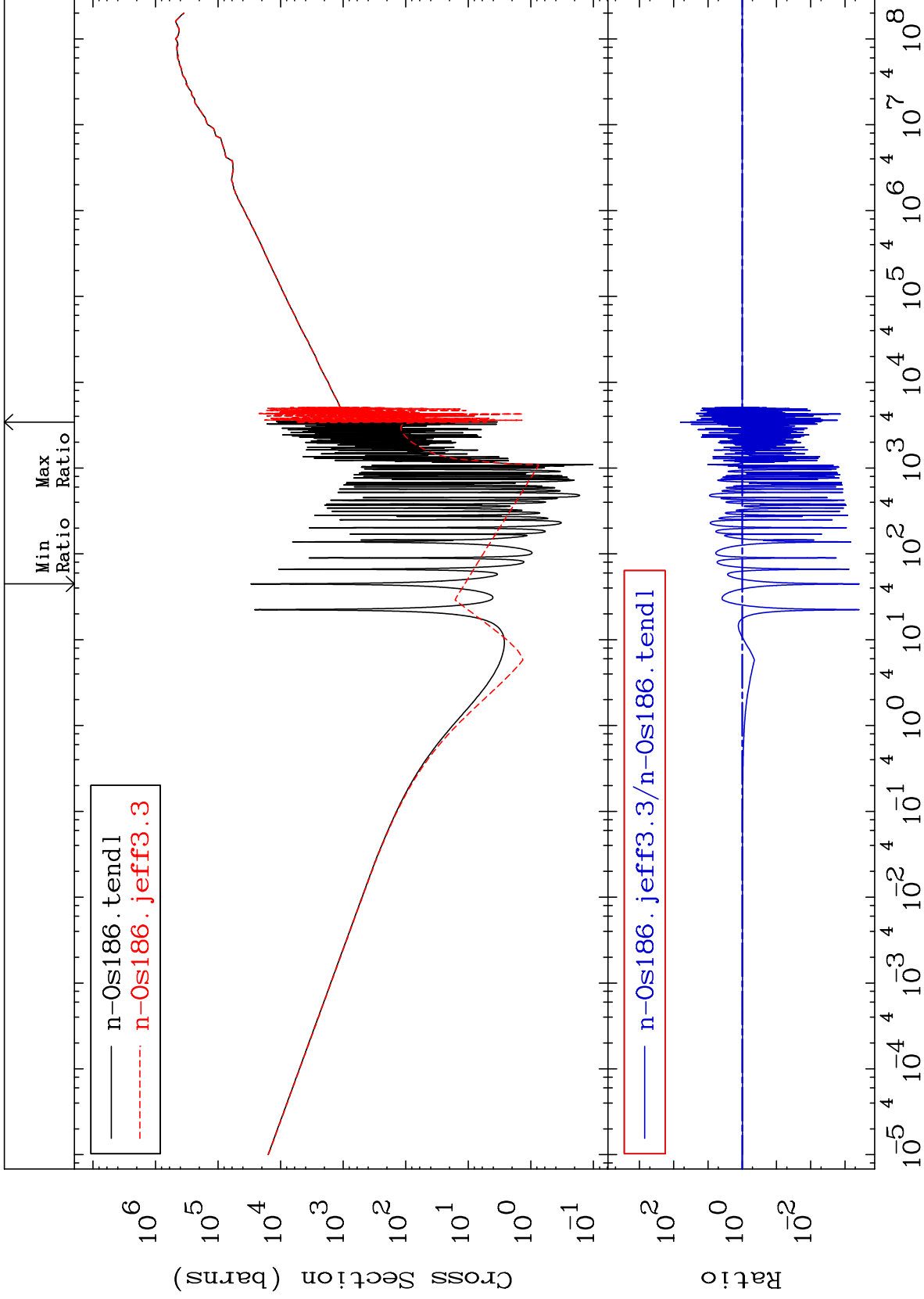


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Incident Energy (eV)

76-0s-186

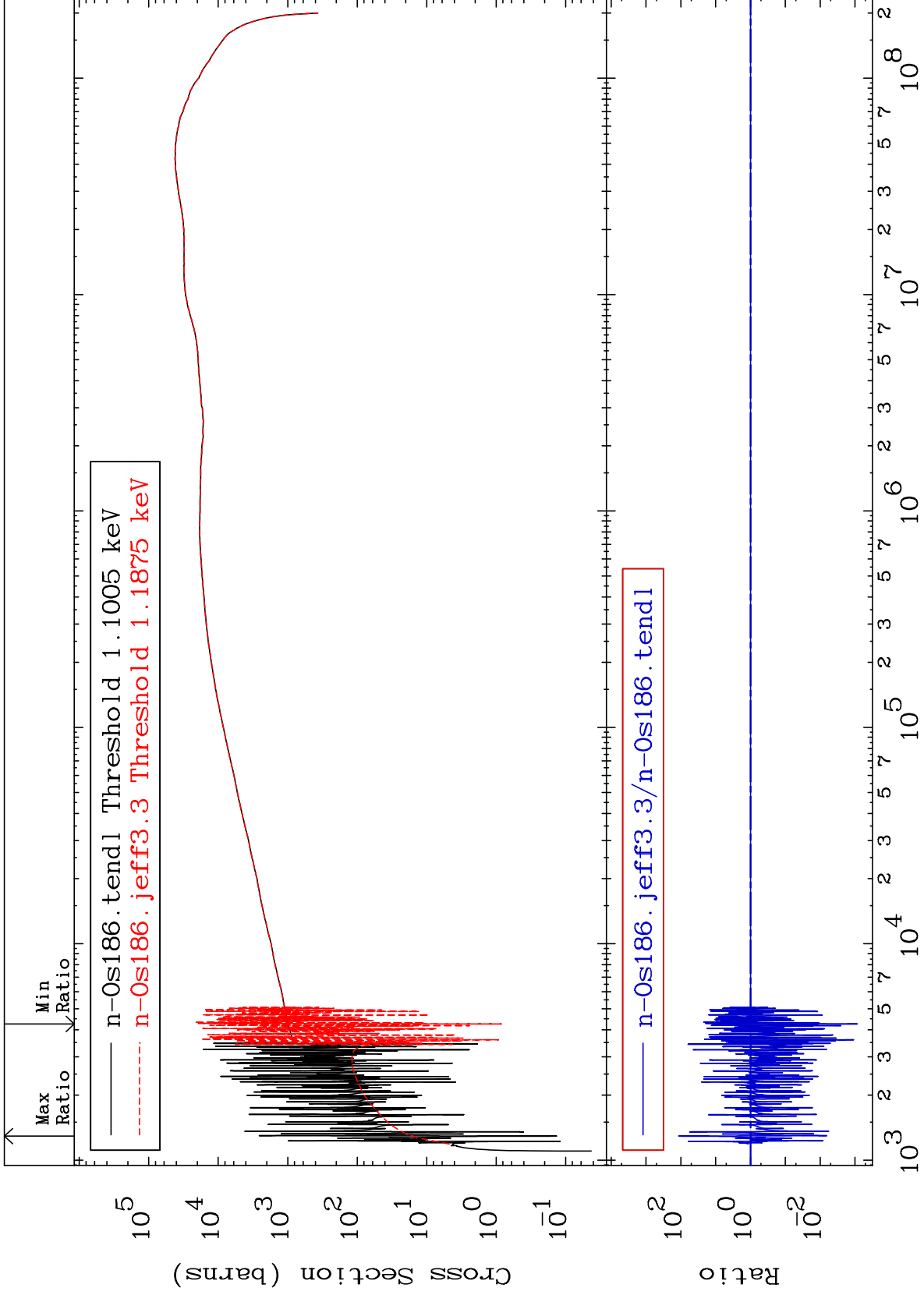




MAT 7631

Dpa elastic (mt2)
Cross Section

76-0s-186
-99.91 To 9999. %



76

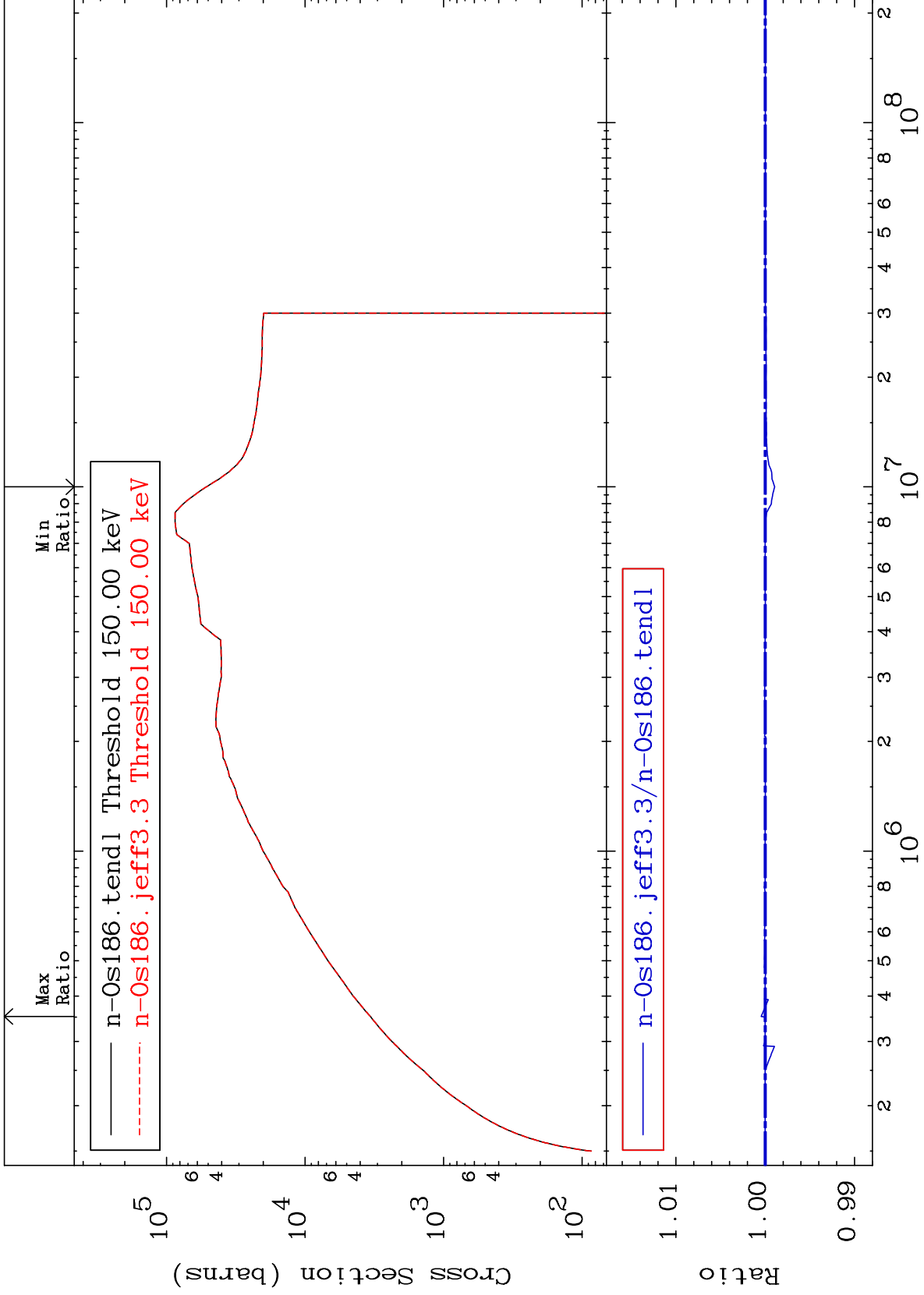
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa inelastic (mt51-91)
Cross Section

76-0s-186
-0.105 To 0.045 %



77

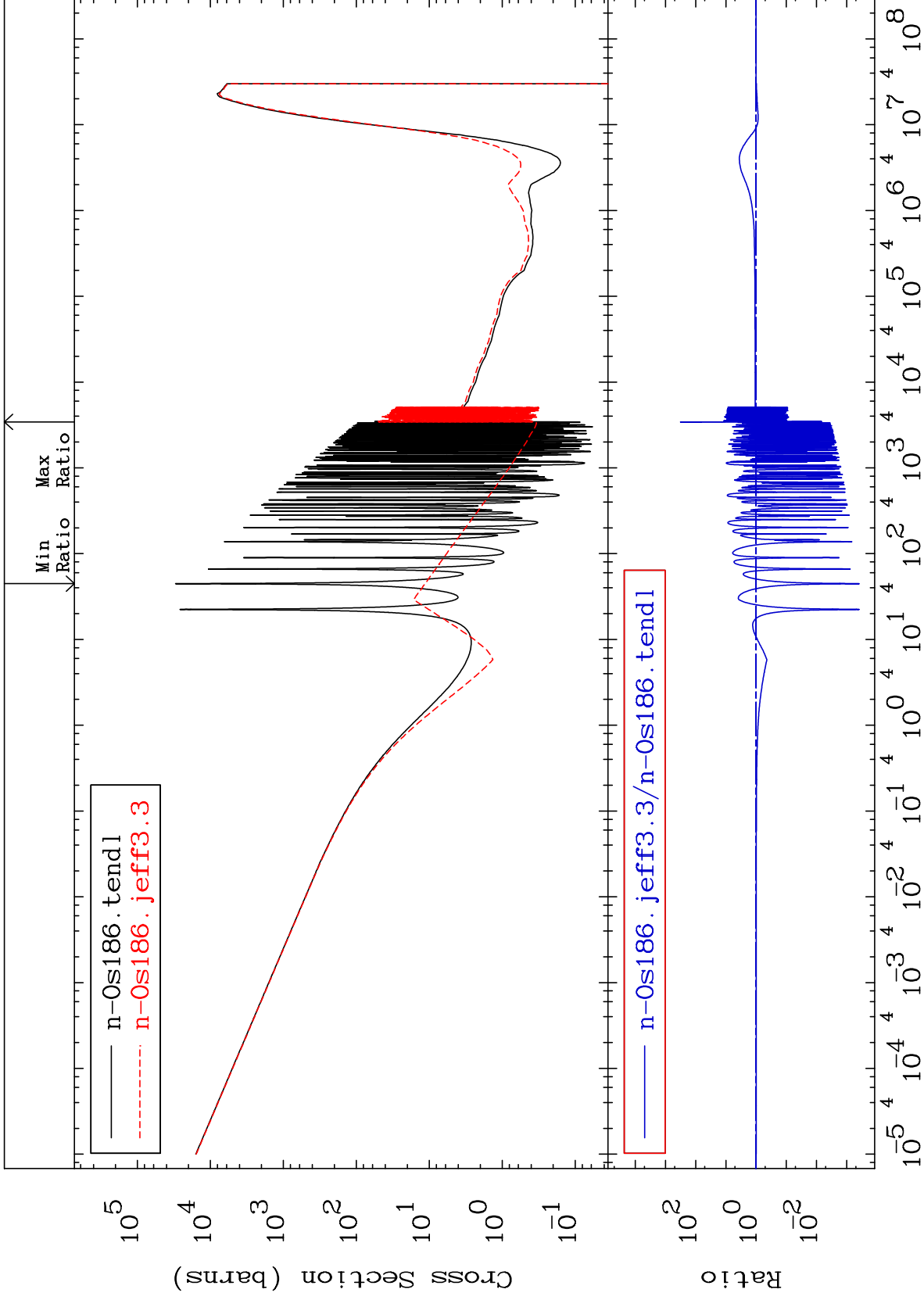
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa disappearance (mt102 -120)
Cross Section

76-0s-186
-99.96 To 9999. %



78

Incident Energy (eV)

76-0s-186

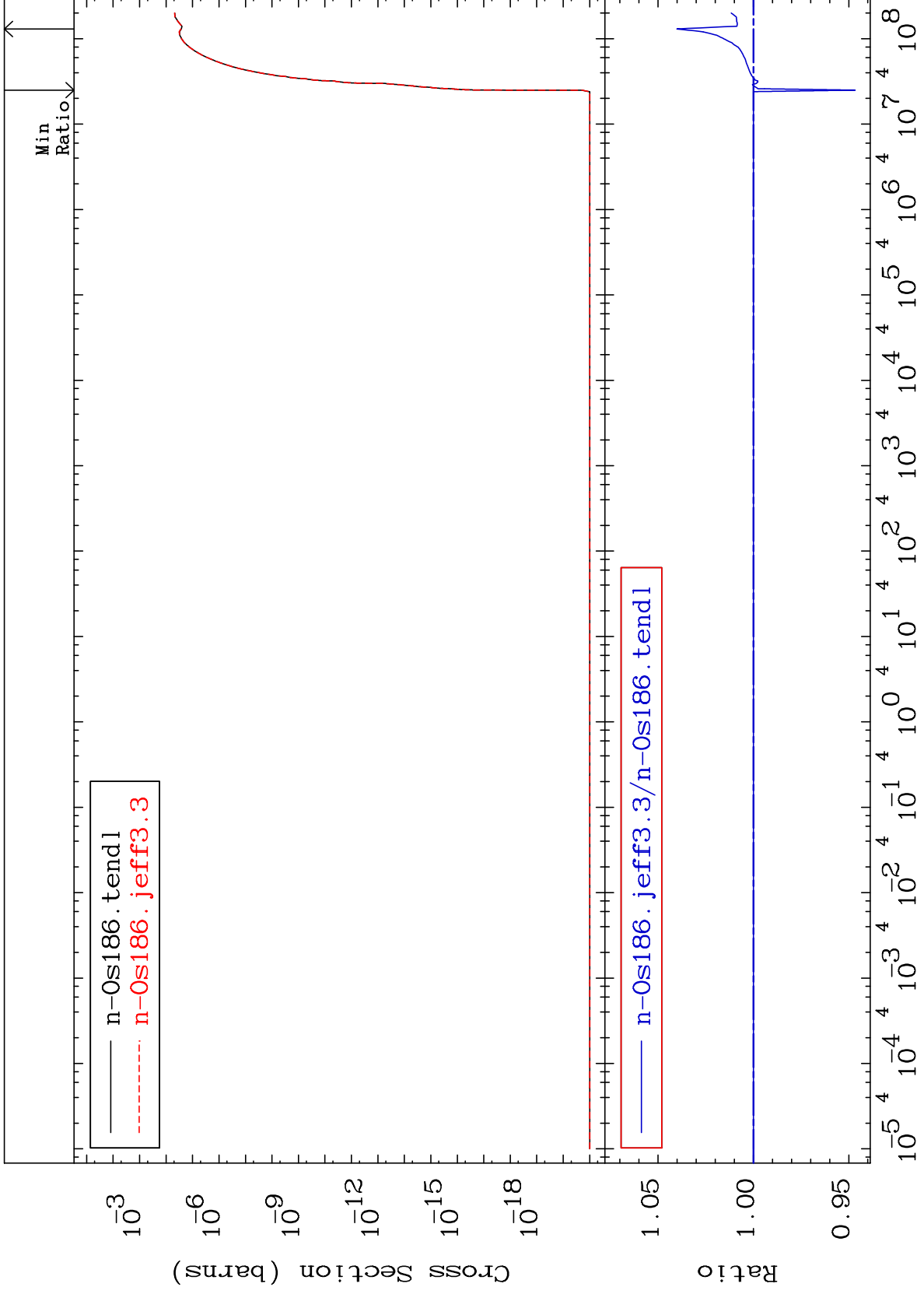
MAT 7631

Fission: Photon

76-0s-186

Radionuclide Production Cross Section

-5.331 To 4.009 %

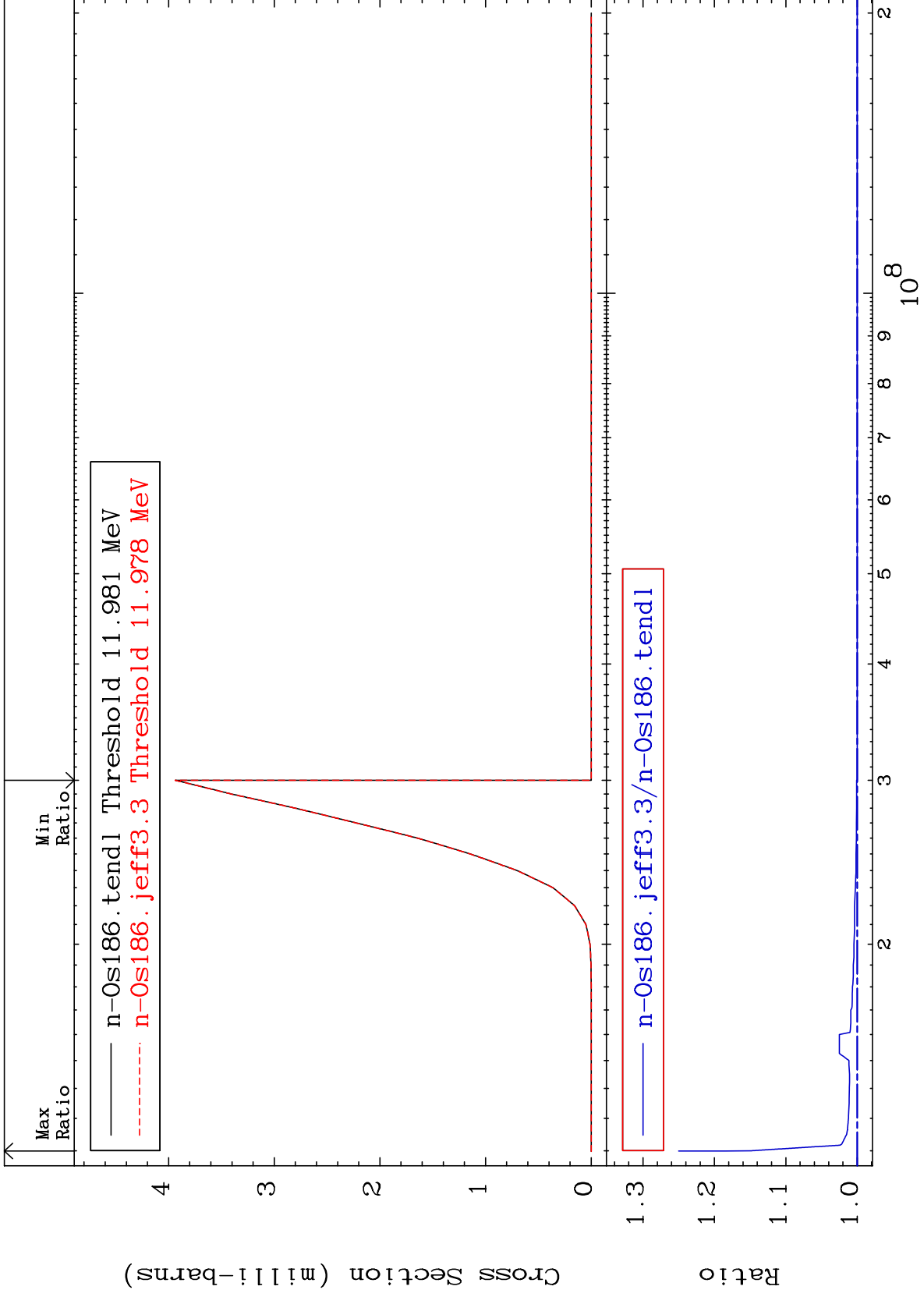


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Incident Energy (eV)

76-0s-186

Radionuclide Production Cross Section 0.000 To 25.01 %

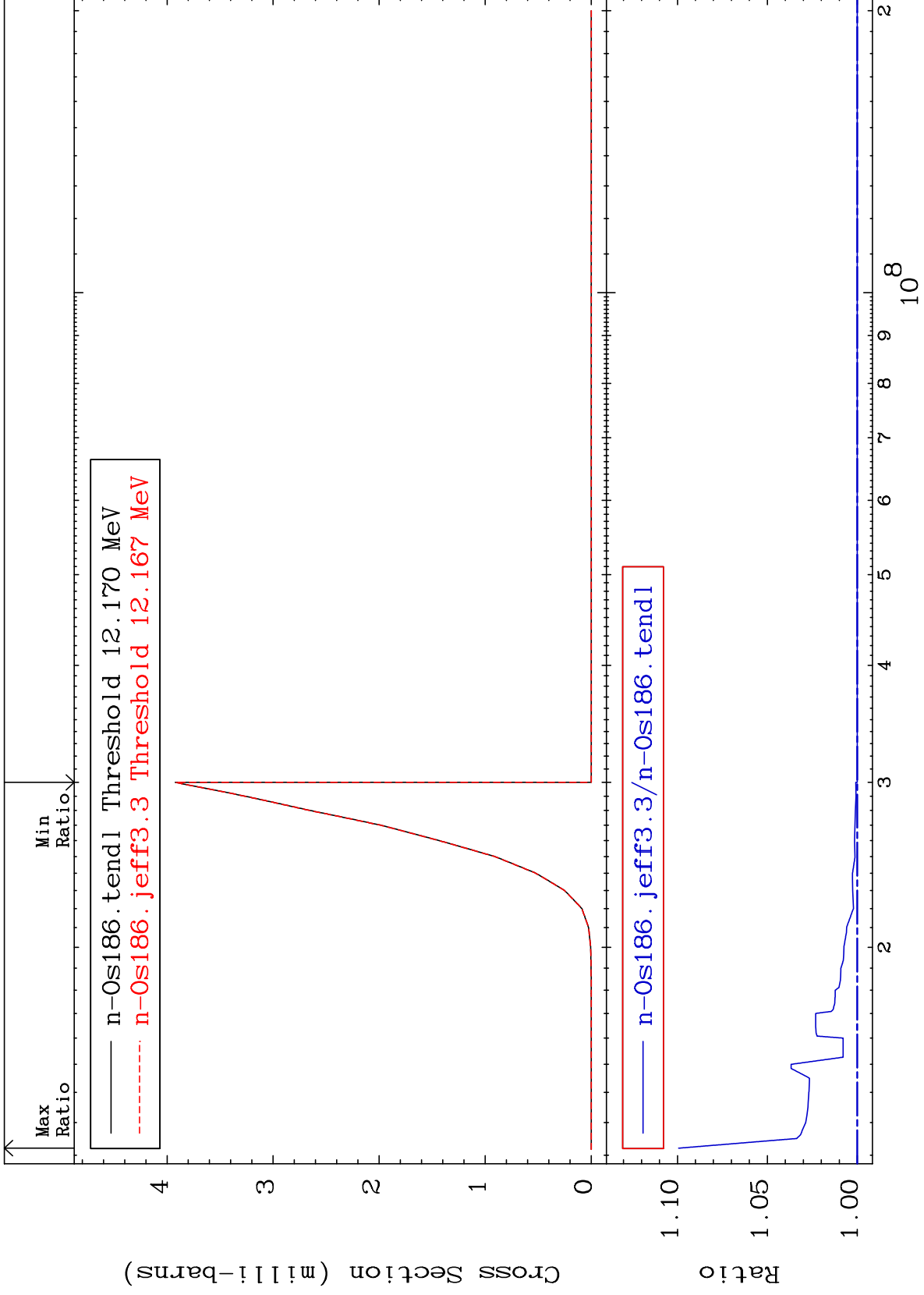


MAT 7631

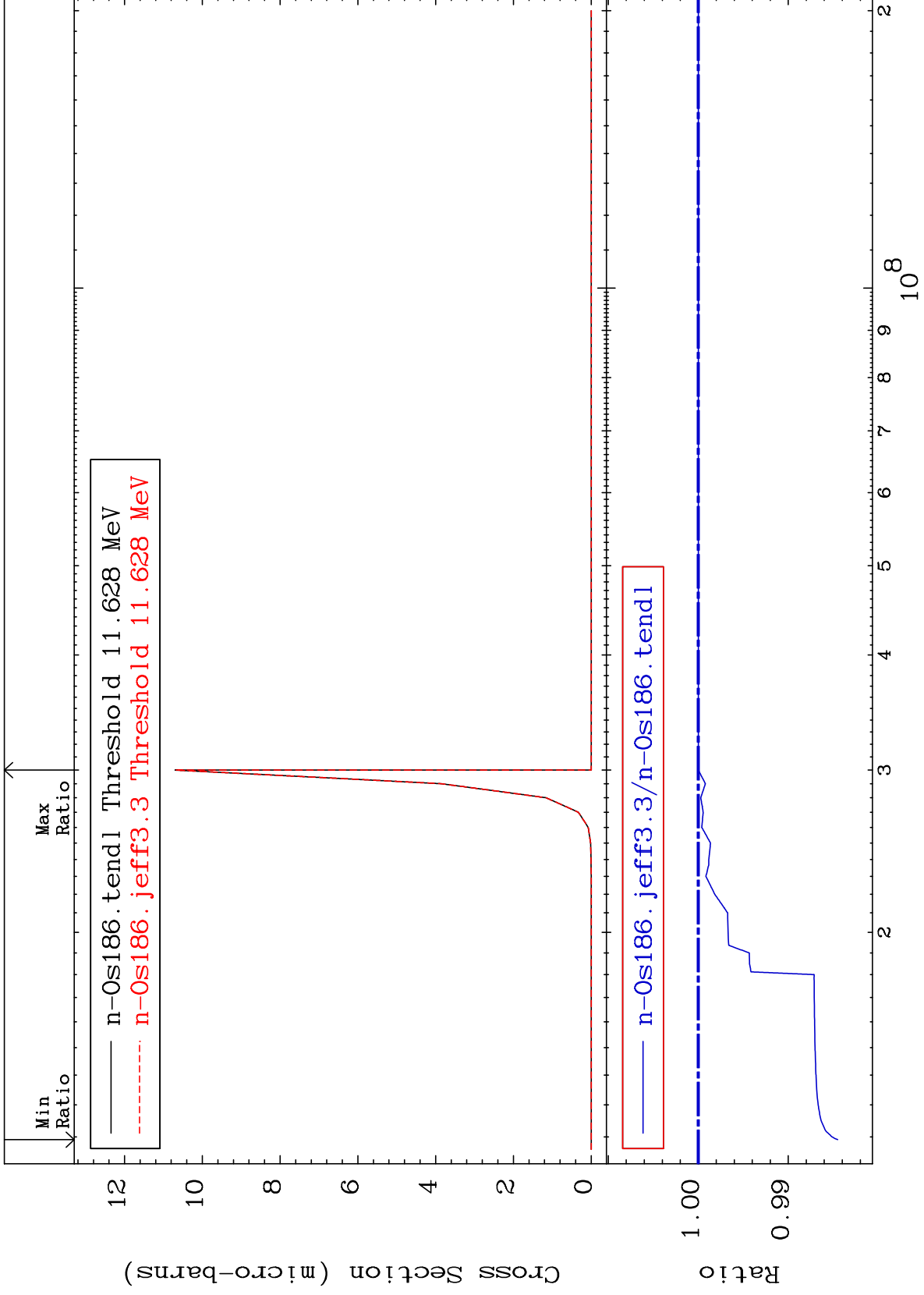
(n, n') d: 75-Re-184m5

76-0s-186

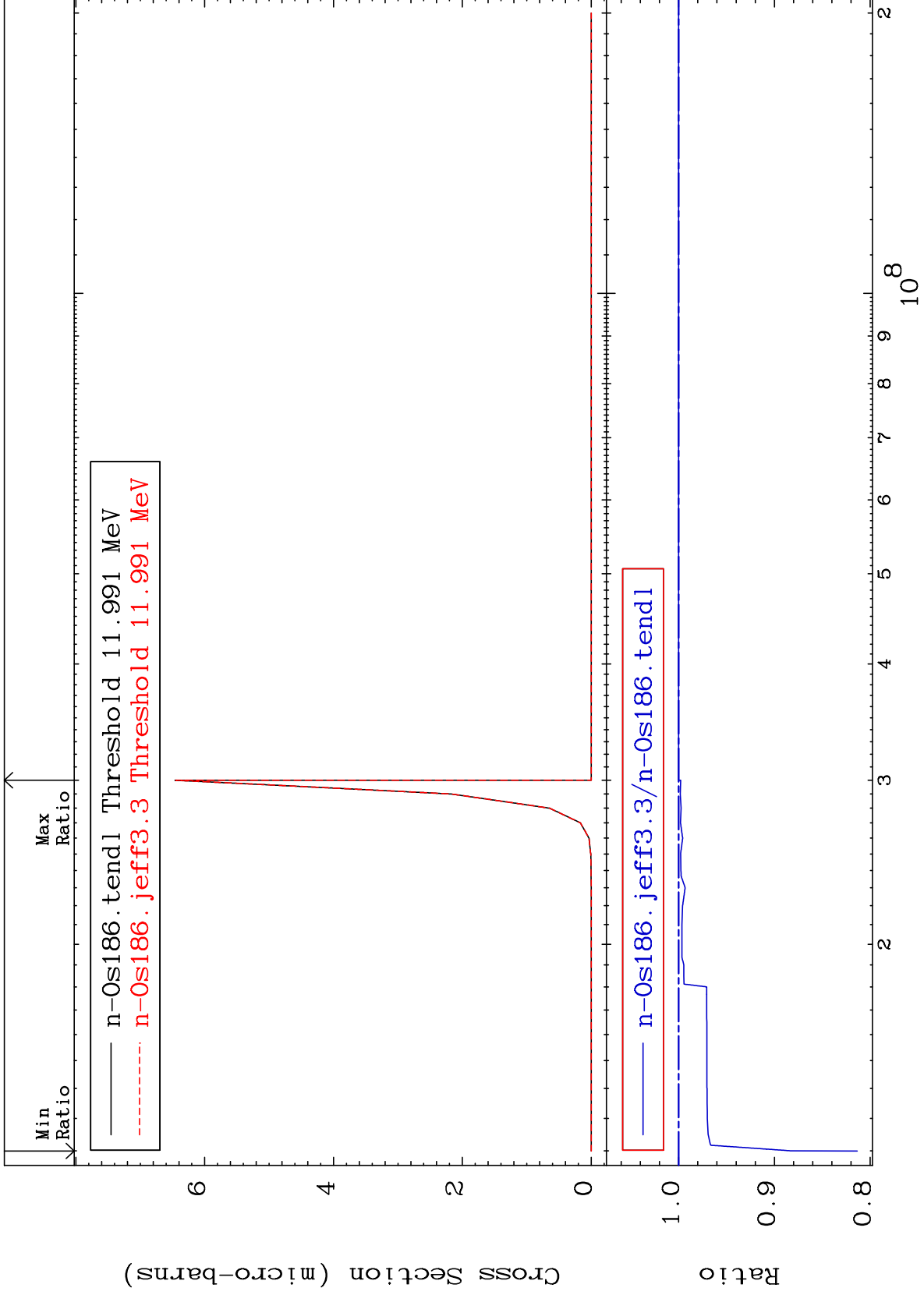
Radionuclide Production Cross Section 0.000 To 9.934 %

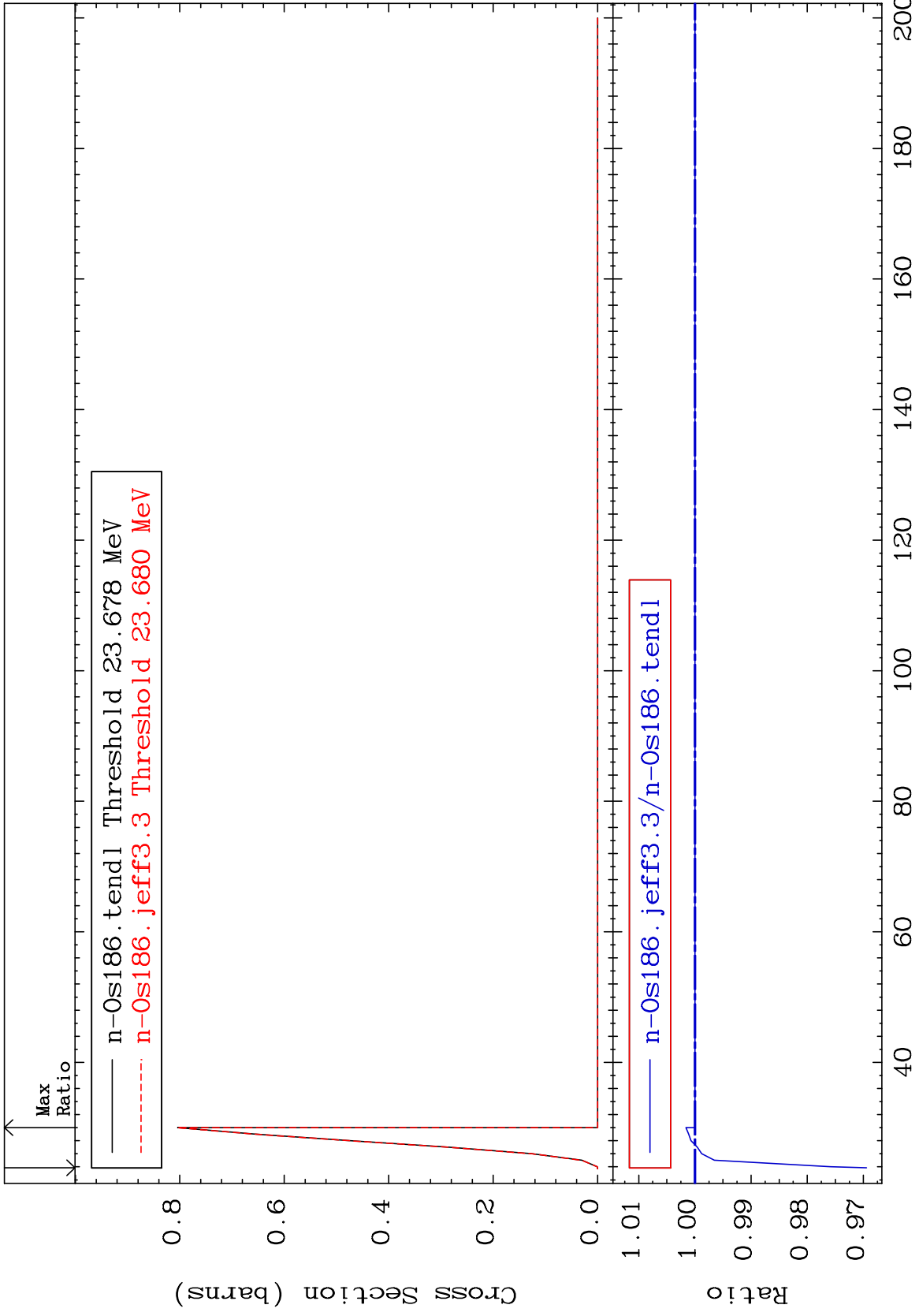


Radionuclide Production Cross Section -1.548 To 0.000 %



Radionuclide Production Cross Section -18.65 To 0.000 %





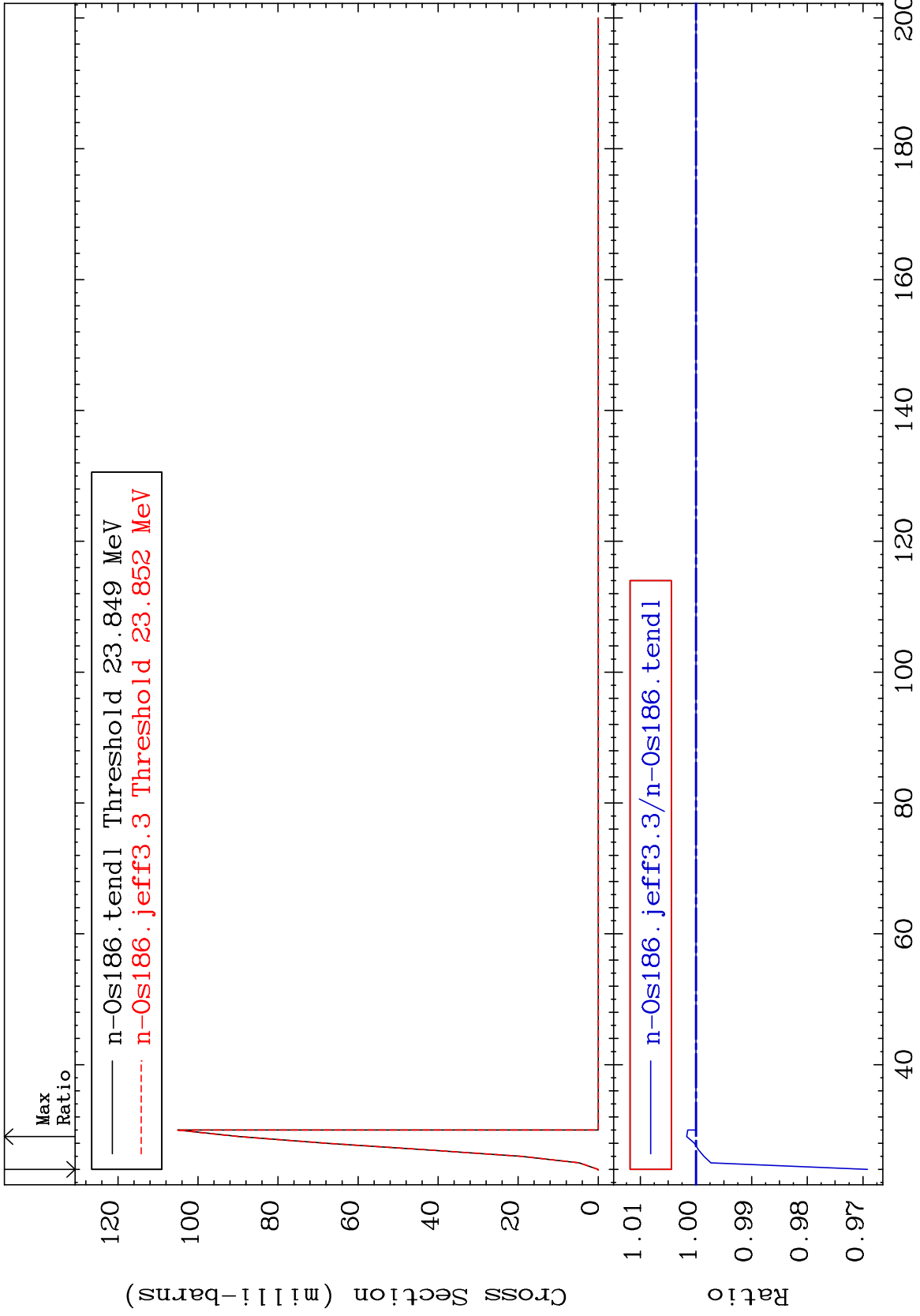
MAT 7631

(n, 4n): 76-0s-183m2

76-0s-186

Radionuclide Production Cross Section

-3.081 To 0.167 %

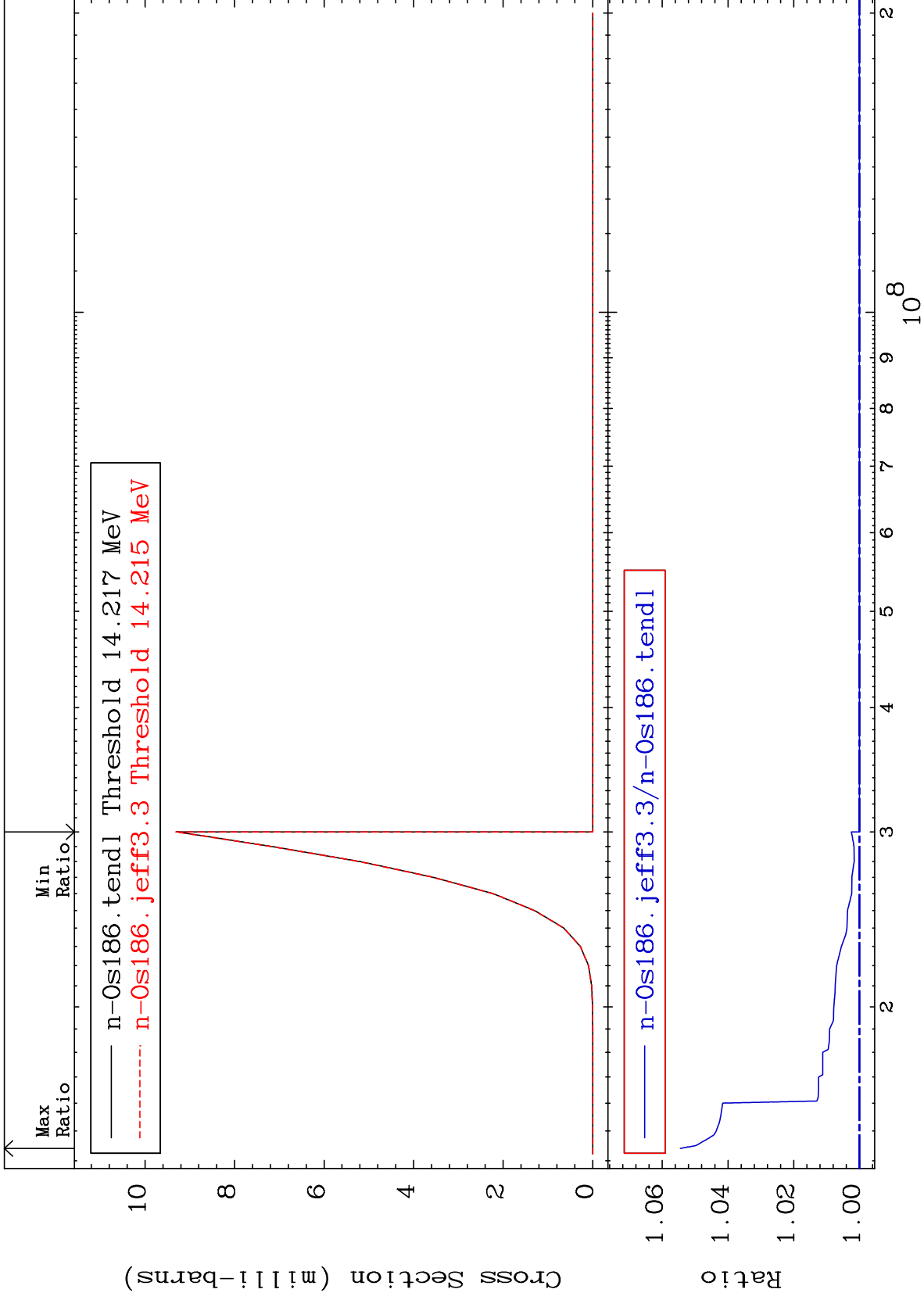


85

Incident Energy (MeV)

76-0s-186

Radionuclide Production Cross Section 0.000 To 5.449 %

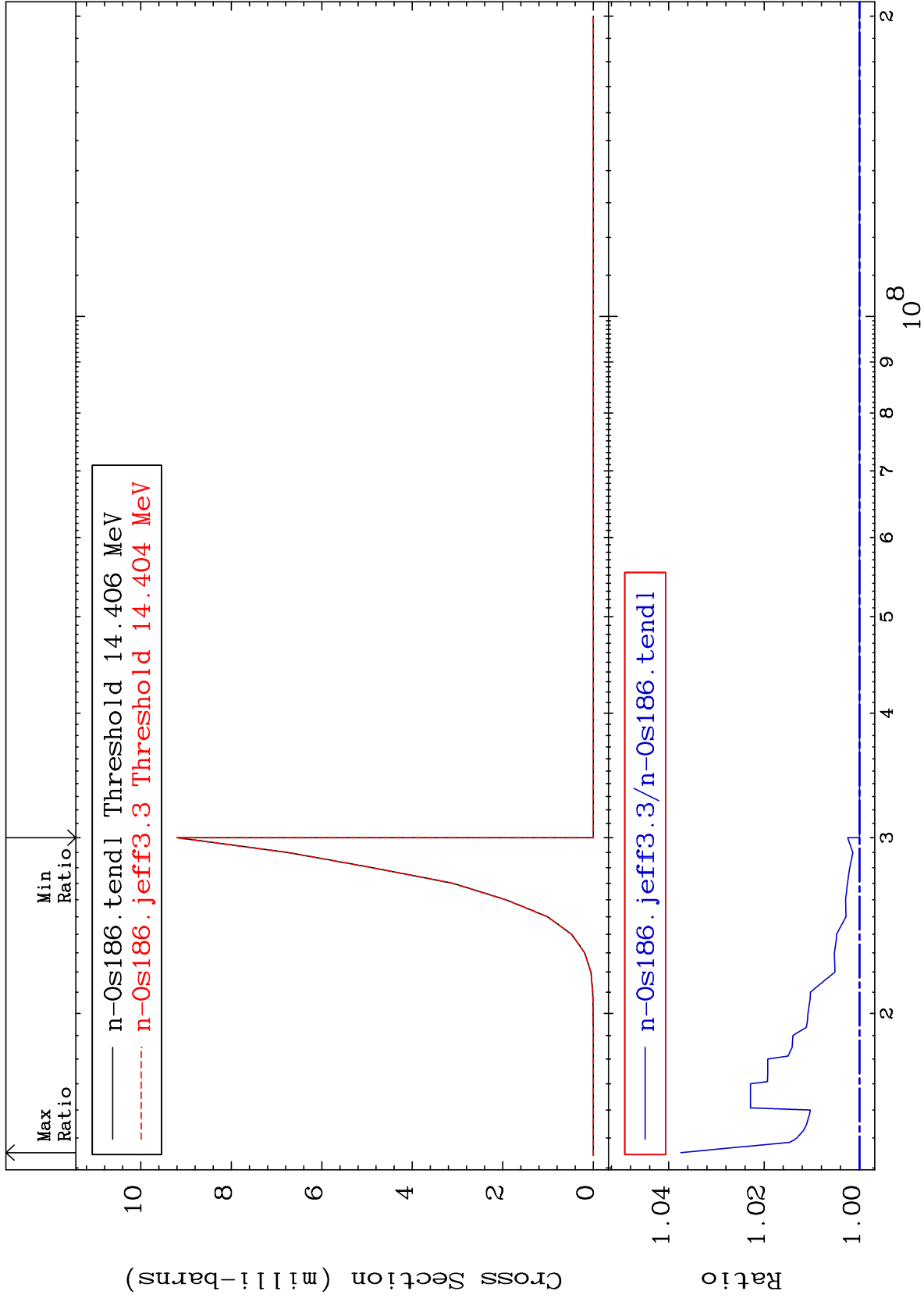


MAT 7631

(n,2n) p:75-Re-184m5

76-0s-186

Radionuclide Production Cross Section 0.000 To 3.748 %



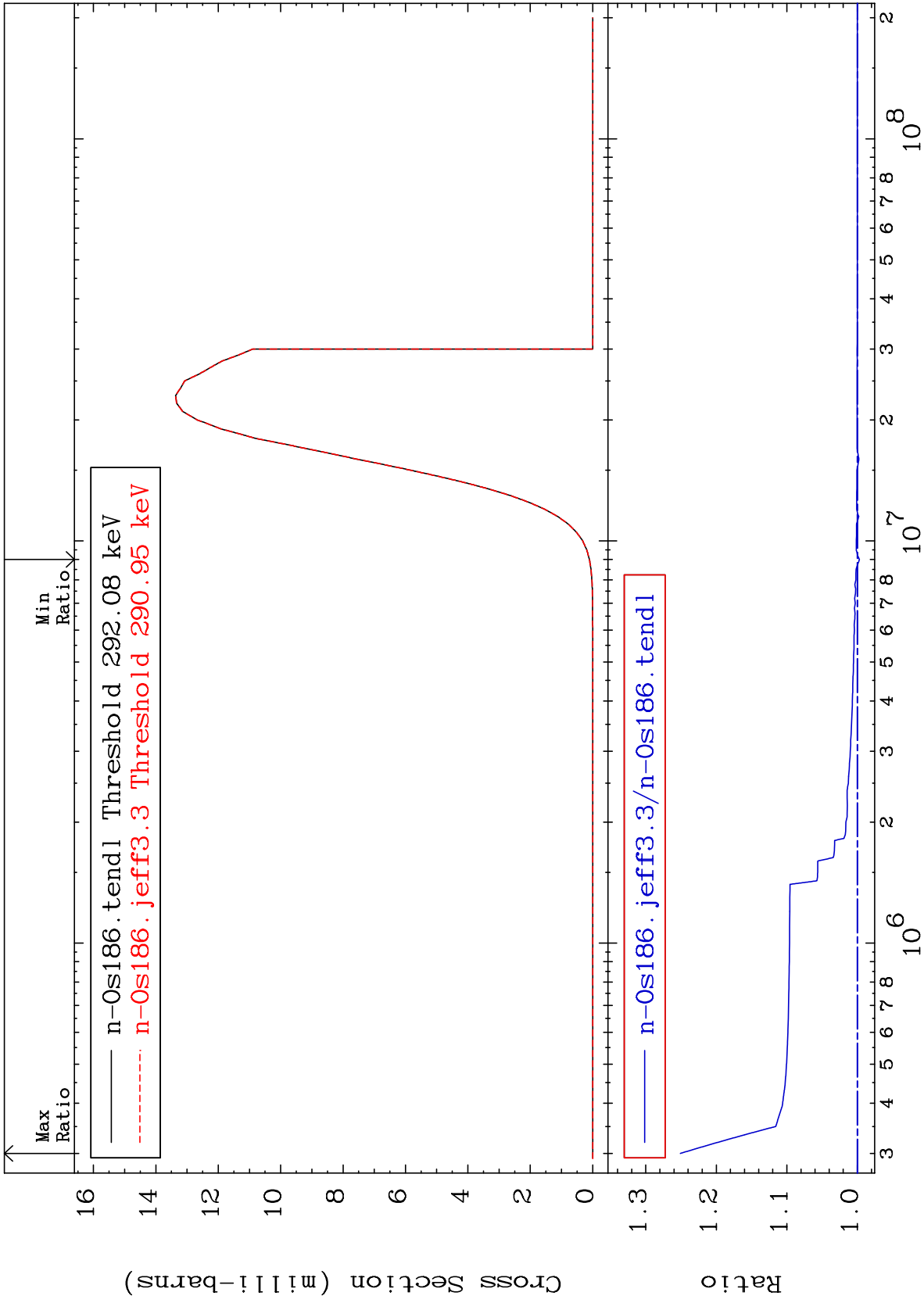
MAT 7631

(n, p) : 75-Re-186g

76-0s-186

Radionuclide Production Cross Section

-0.293 To 25.10 %

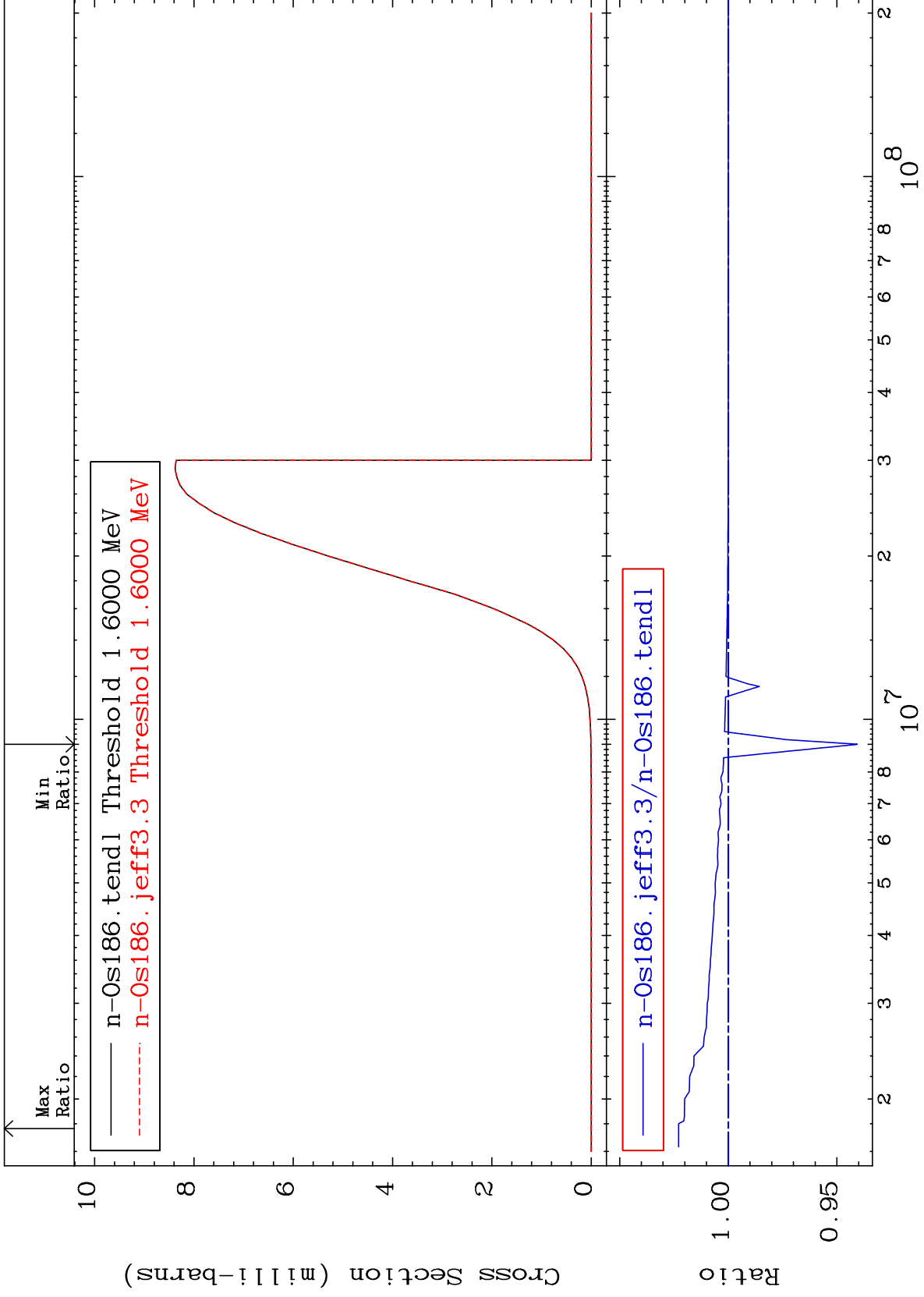


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Incident Energy (eV)

76-0s-186

Radionuclide Production Cross Section -5.936 To 2.284 %

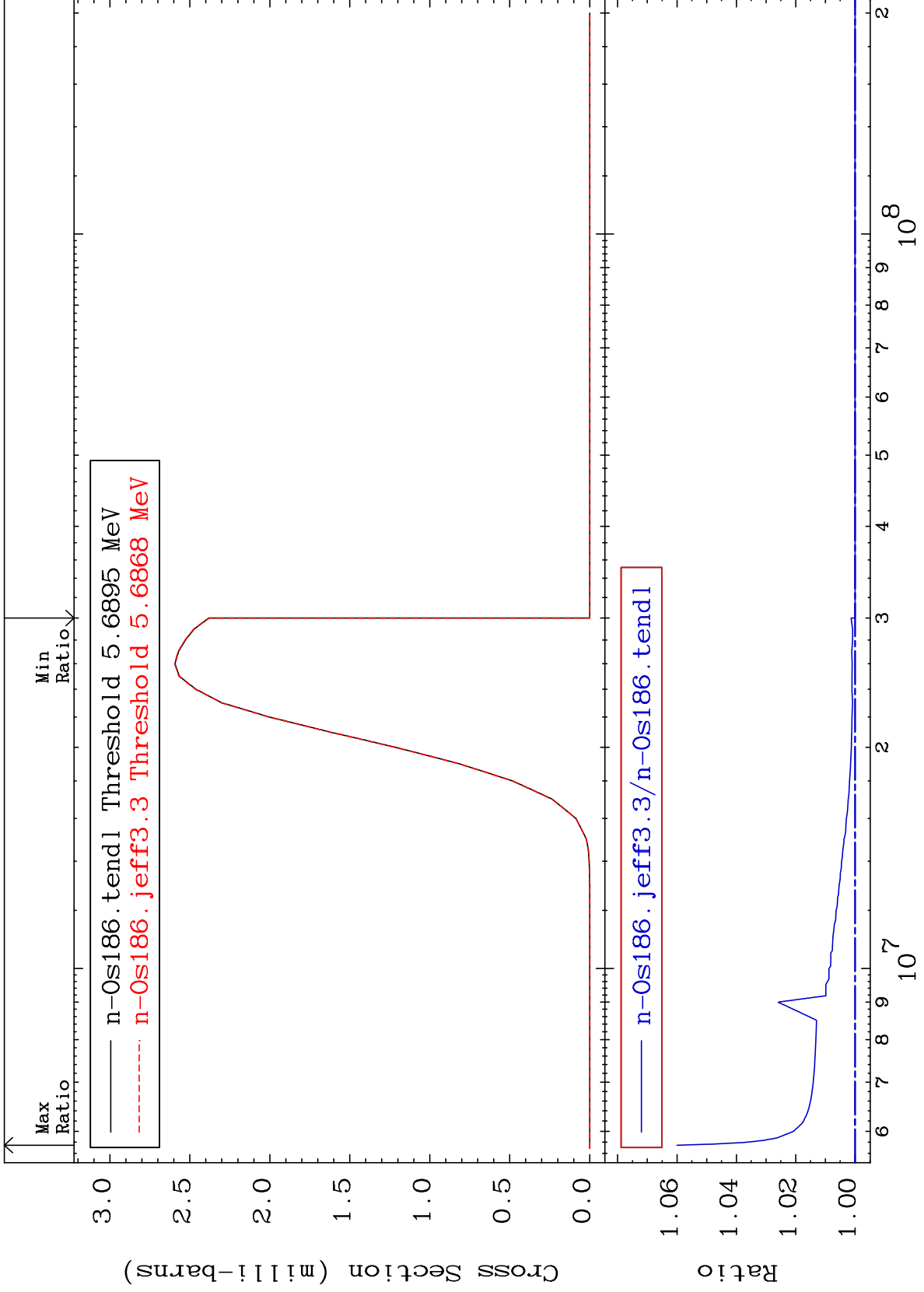


MAT 7631

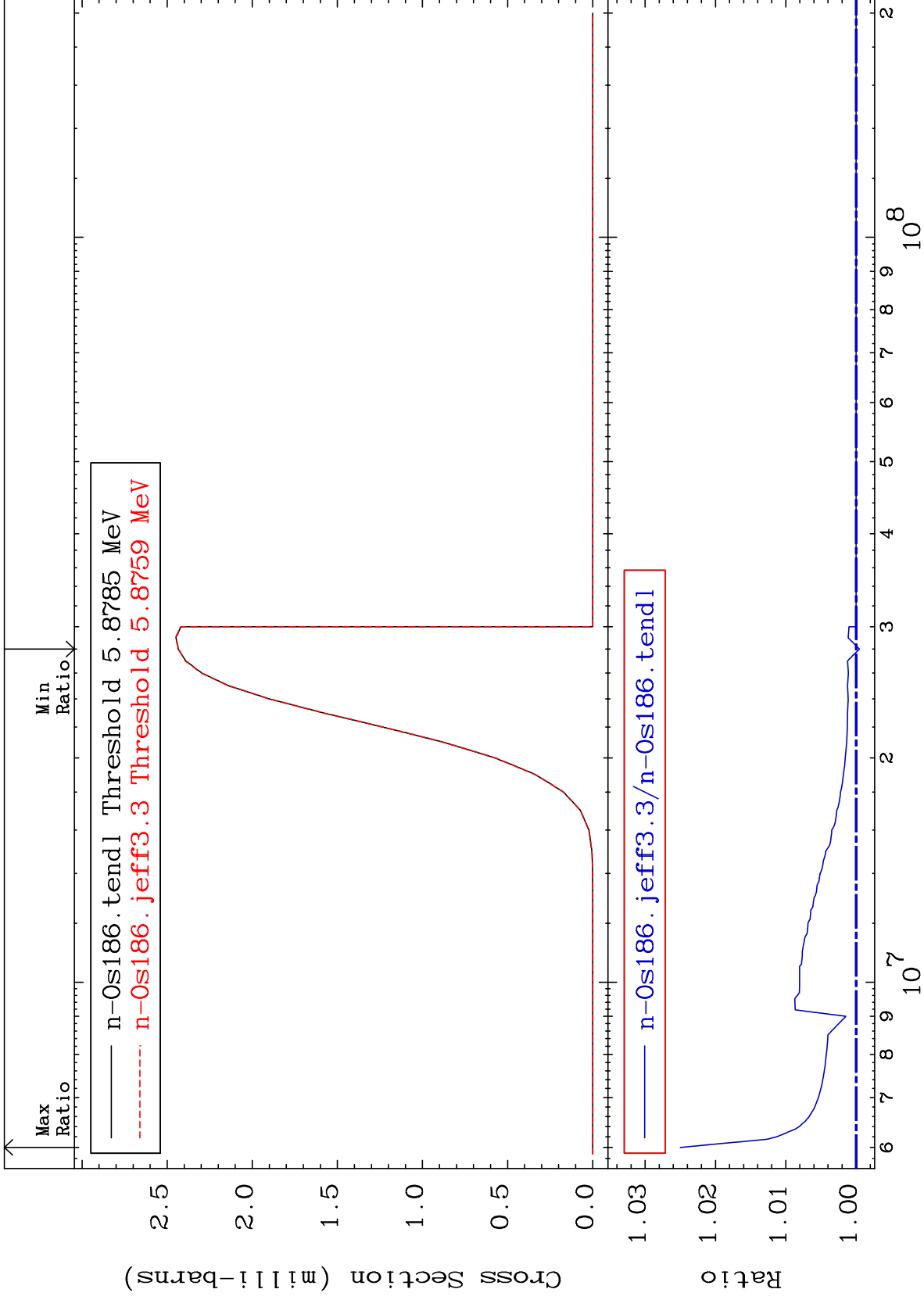
(n, t) : 75-Re-184g

76-0s-186

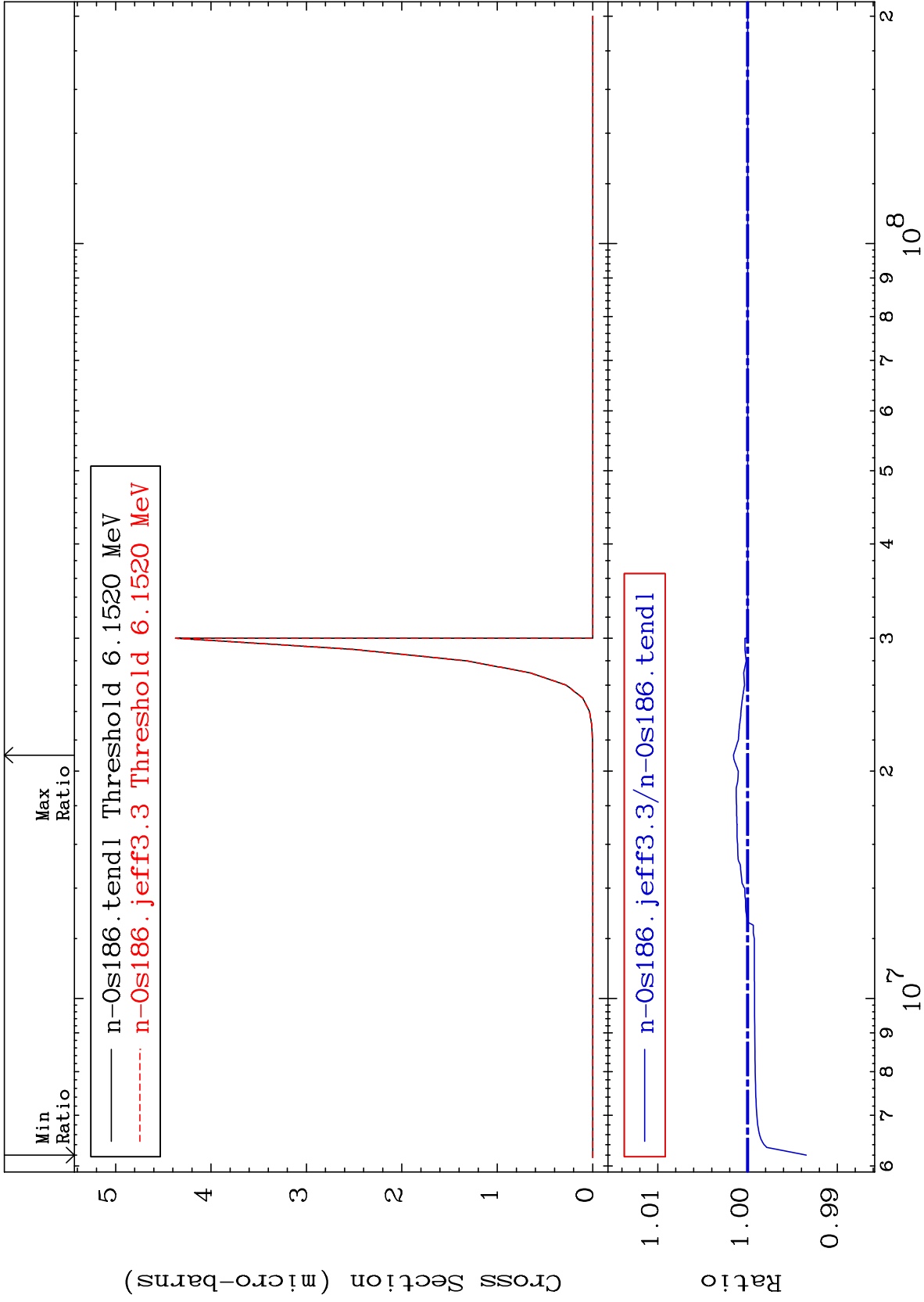
Radionuclide Production Cross Section 0.000 To 6.002 %



Radionuclide Production Cross Section -0.046 To 2.499 %



Radionuclide Production Cross Section -0.654 To 0.158 %

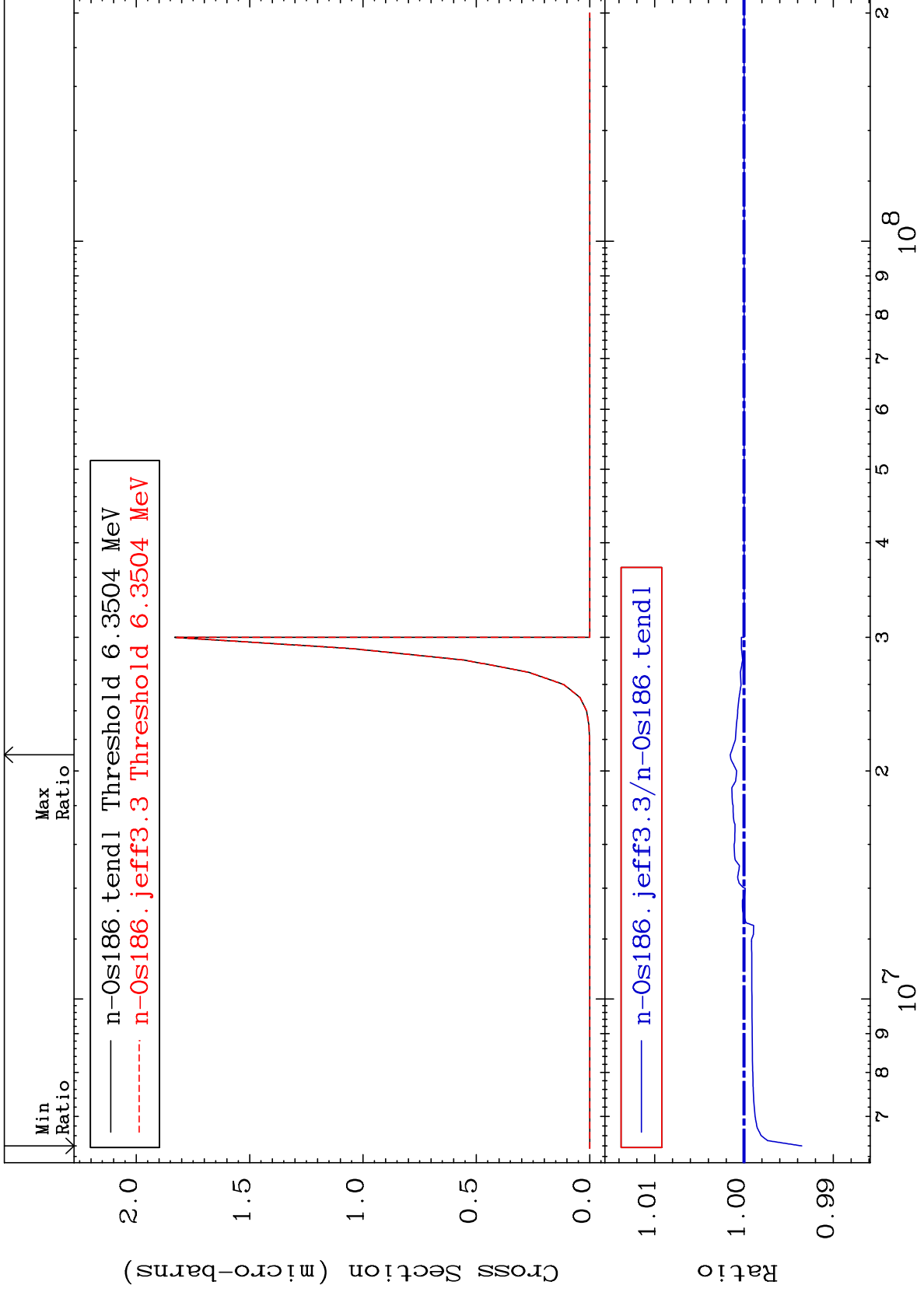


MAT 7631

(n,2p):74-W -185m6

76-0s-186

Radionuclide Production Cross Section -0.646 To 0.154 %

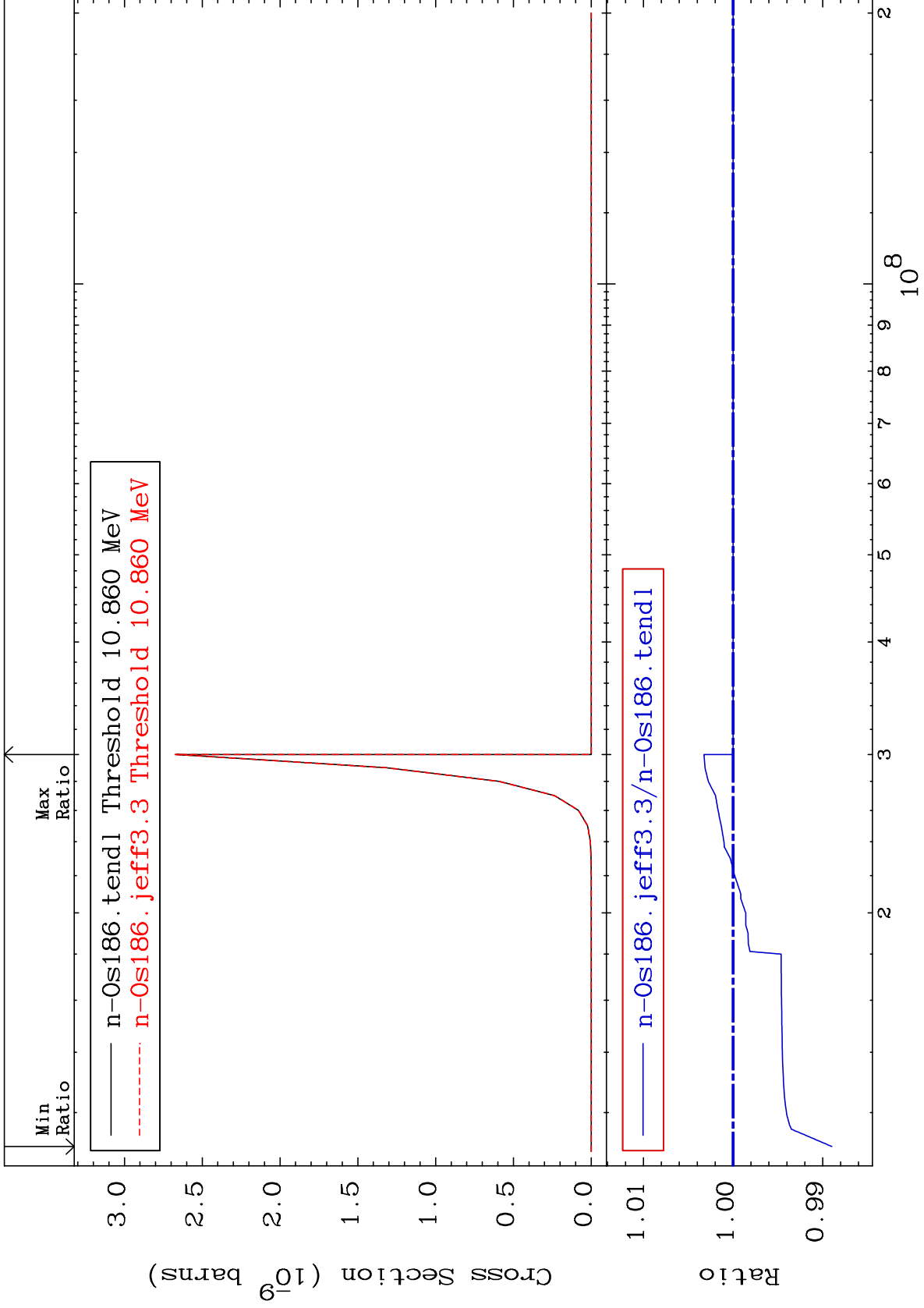


93

Incident Energy (eV)

76-0s-186

Radionuclide Production Cross Section -1.102 To 0.324 %



Radionuclide Production Cross Section -0.479 To 0.000 %

