

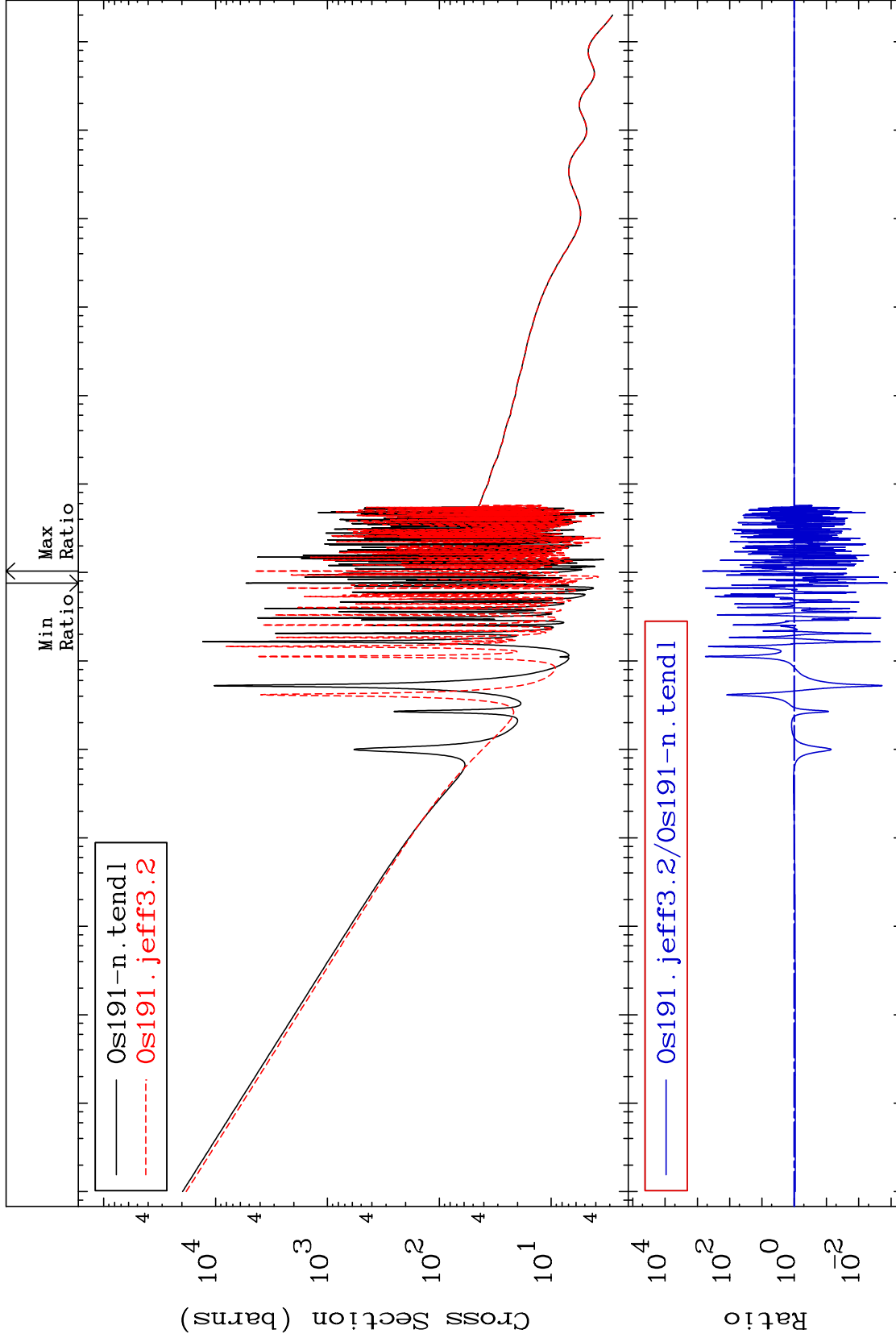
MAT 7646

Total

76-Os-191

Cross Section

-99.87 To 9999. %



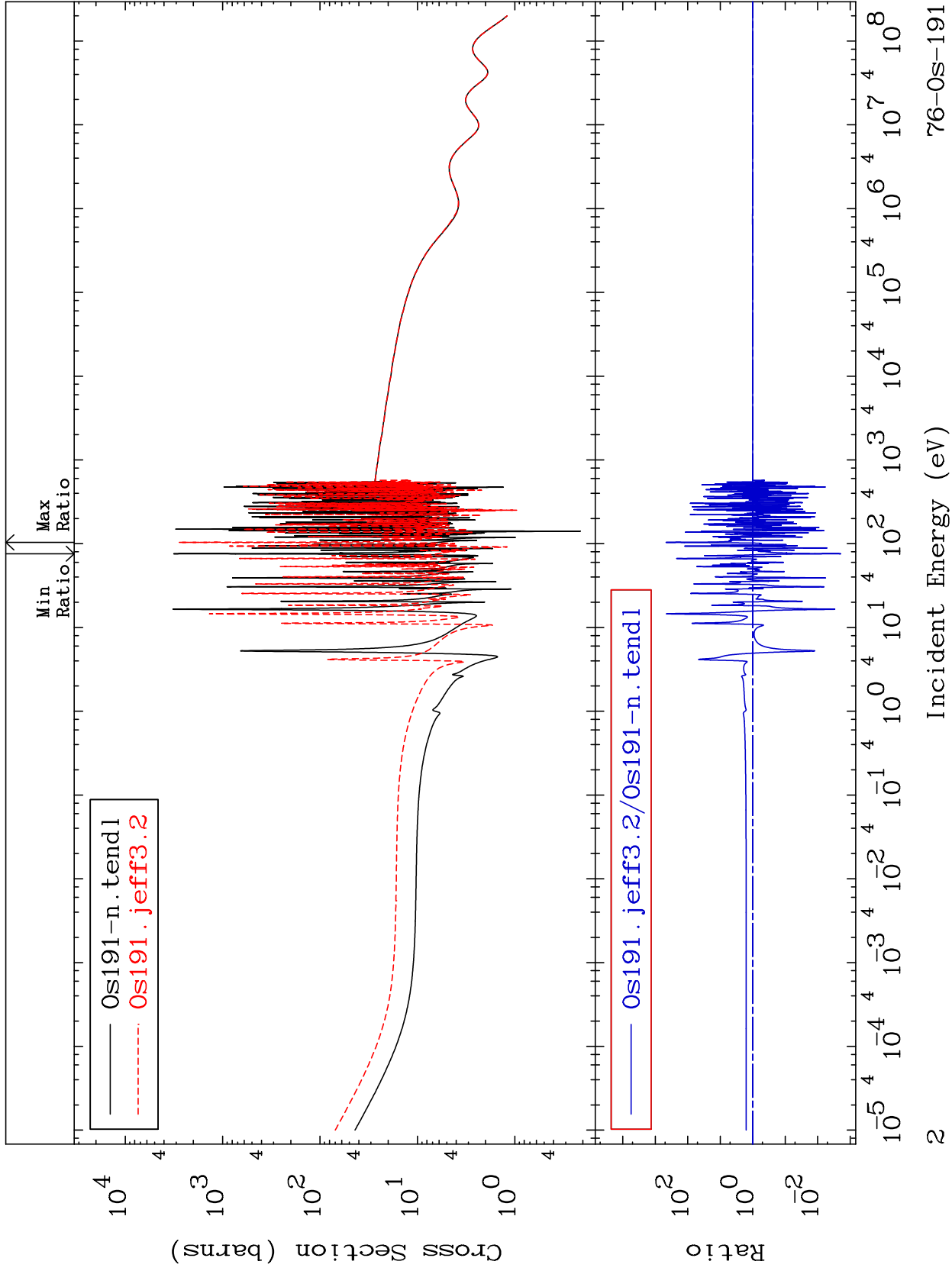
Incident Energy (eV)

76-Os-191

MAT 7646

Elastic  
Cross Section

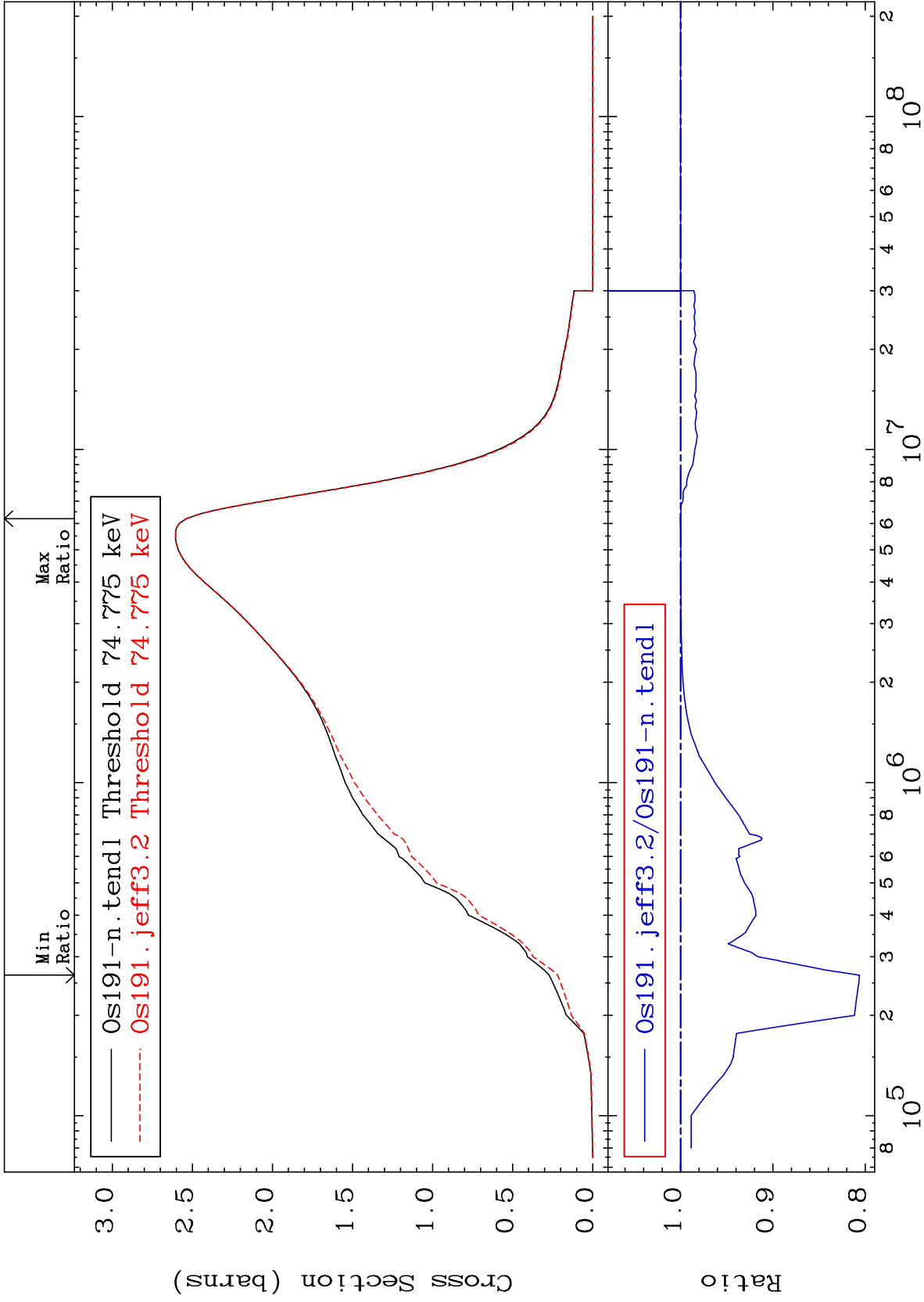
76-0s-191  
-99.81 To 9999. %



MAT 7646

Inelastic  
Cross Section

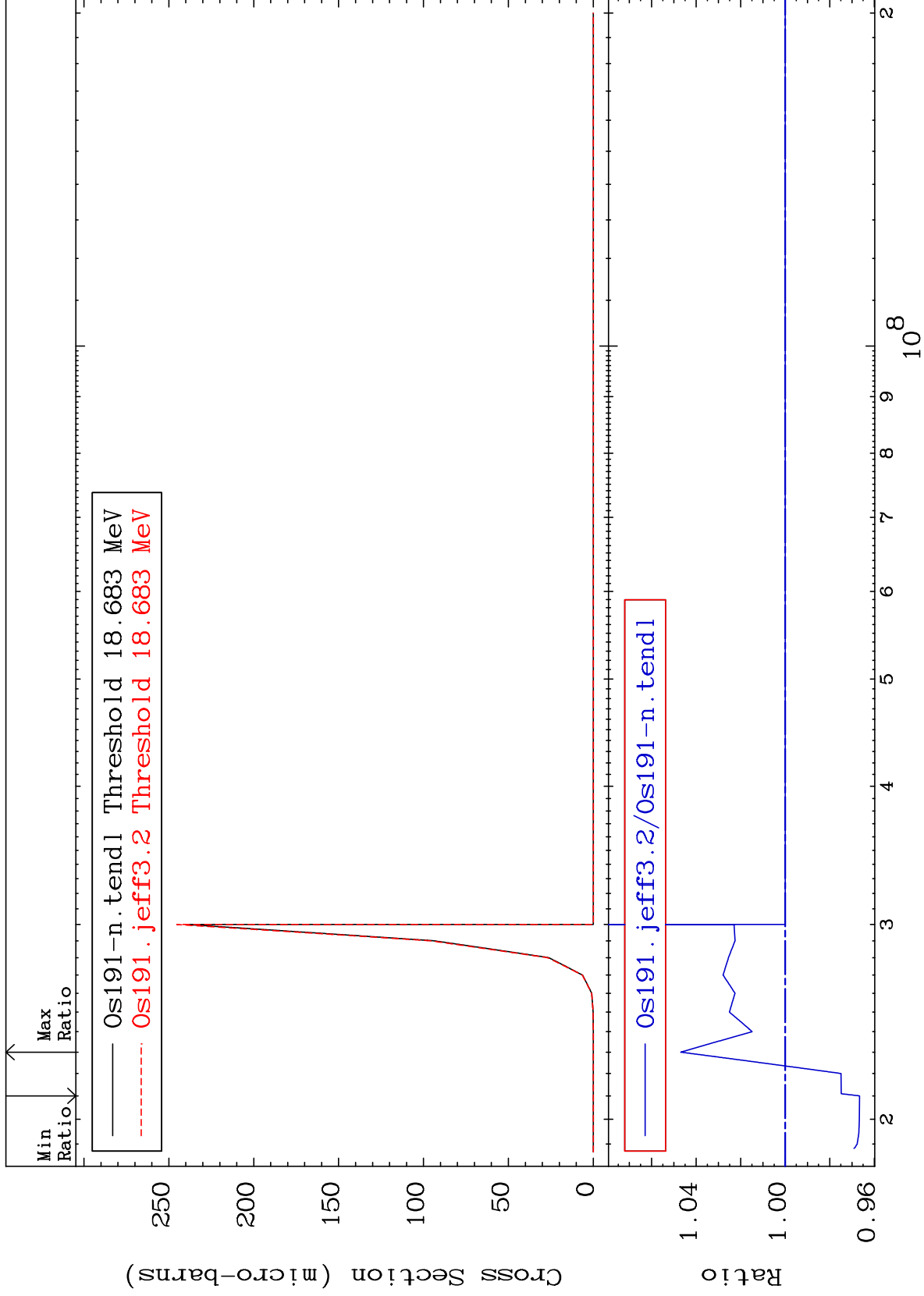
76-0s-191  
-19.37 To 0.023 %



MAT 7646

(n,2n) d  
Cross Section

76-0s-191  
-3.339 To 4.692 %



4

Incident Energy (eV)

76-0s-191

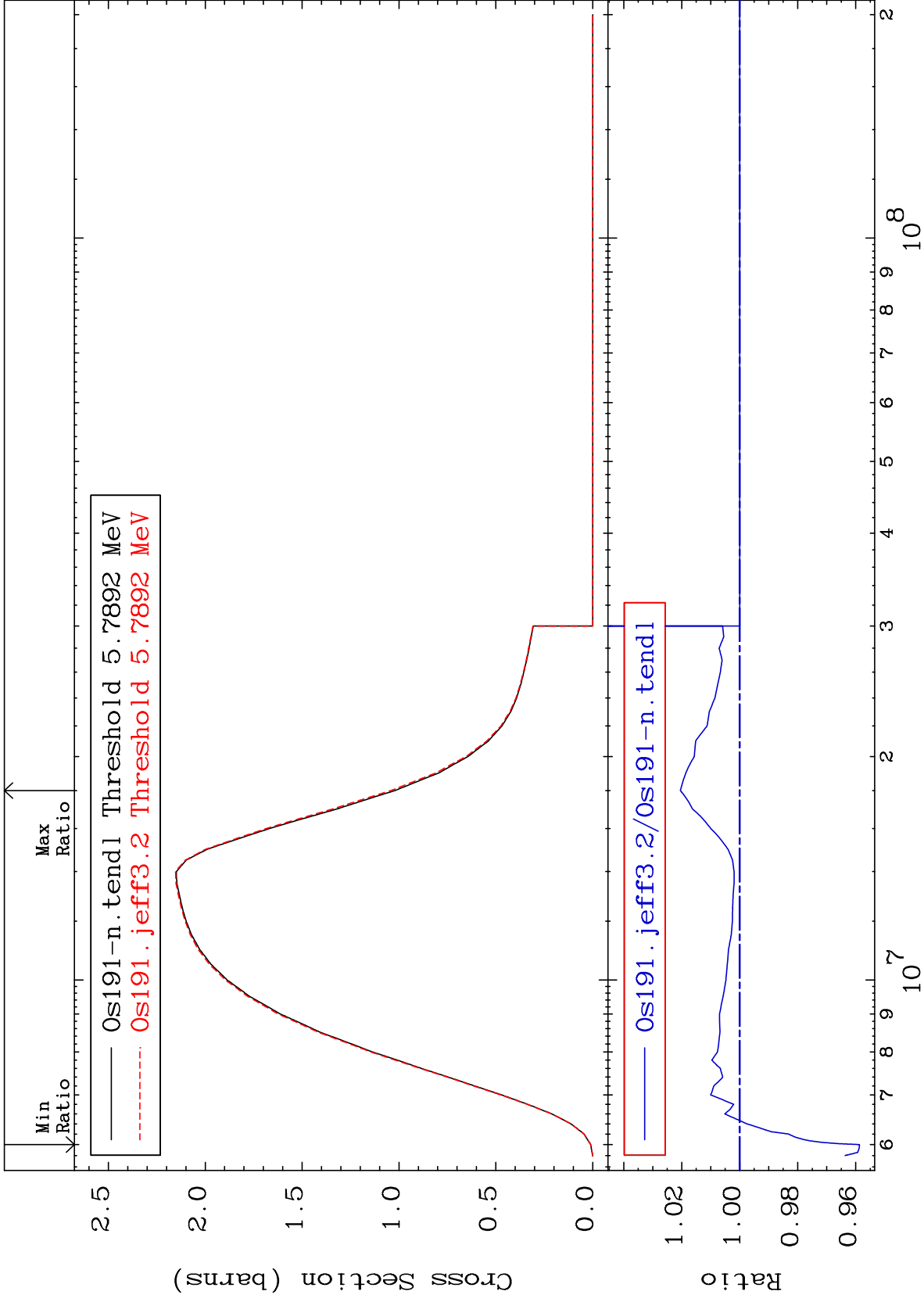
MAT 7646

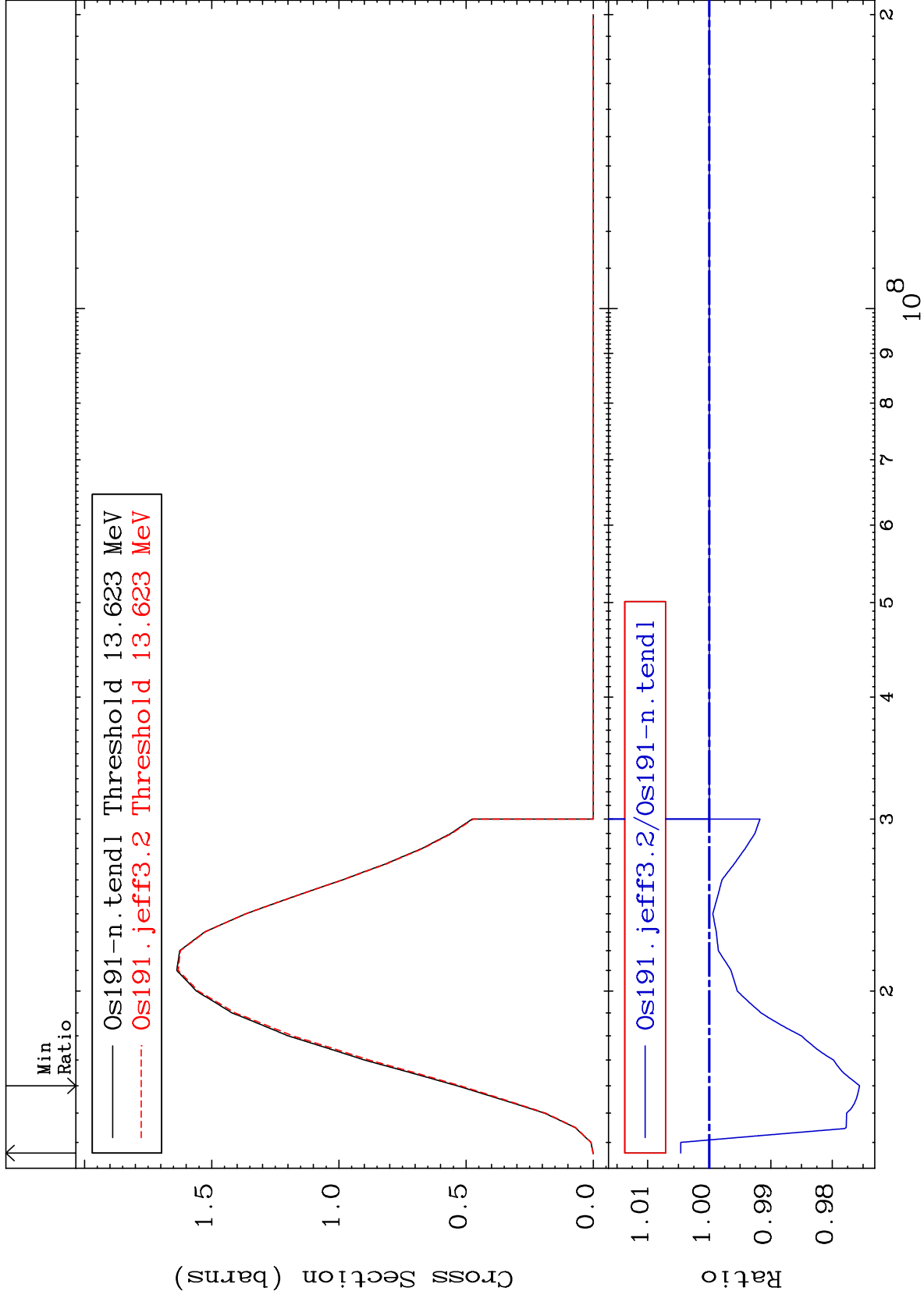
(n,2n)

76-0s-191

Cross Section

-4.129 To 2.047 %

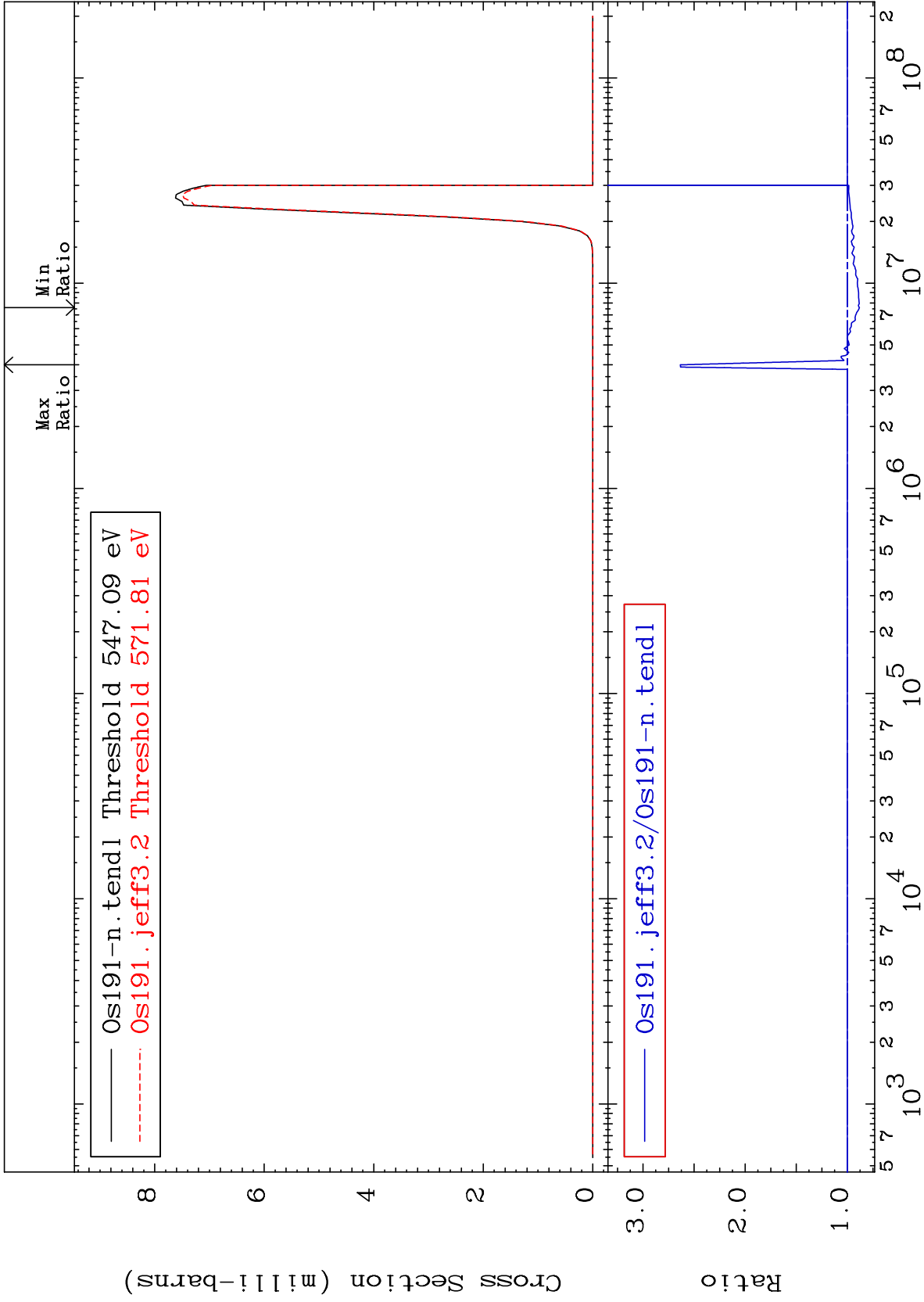




MAT 7646

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

76-0s-191  
-11.83 To 163.5 %



7

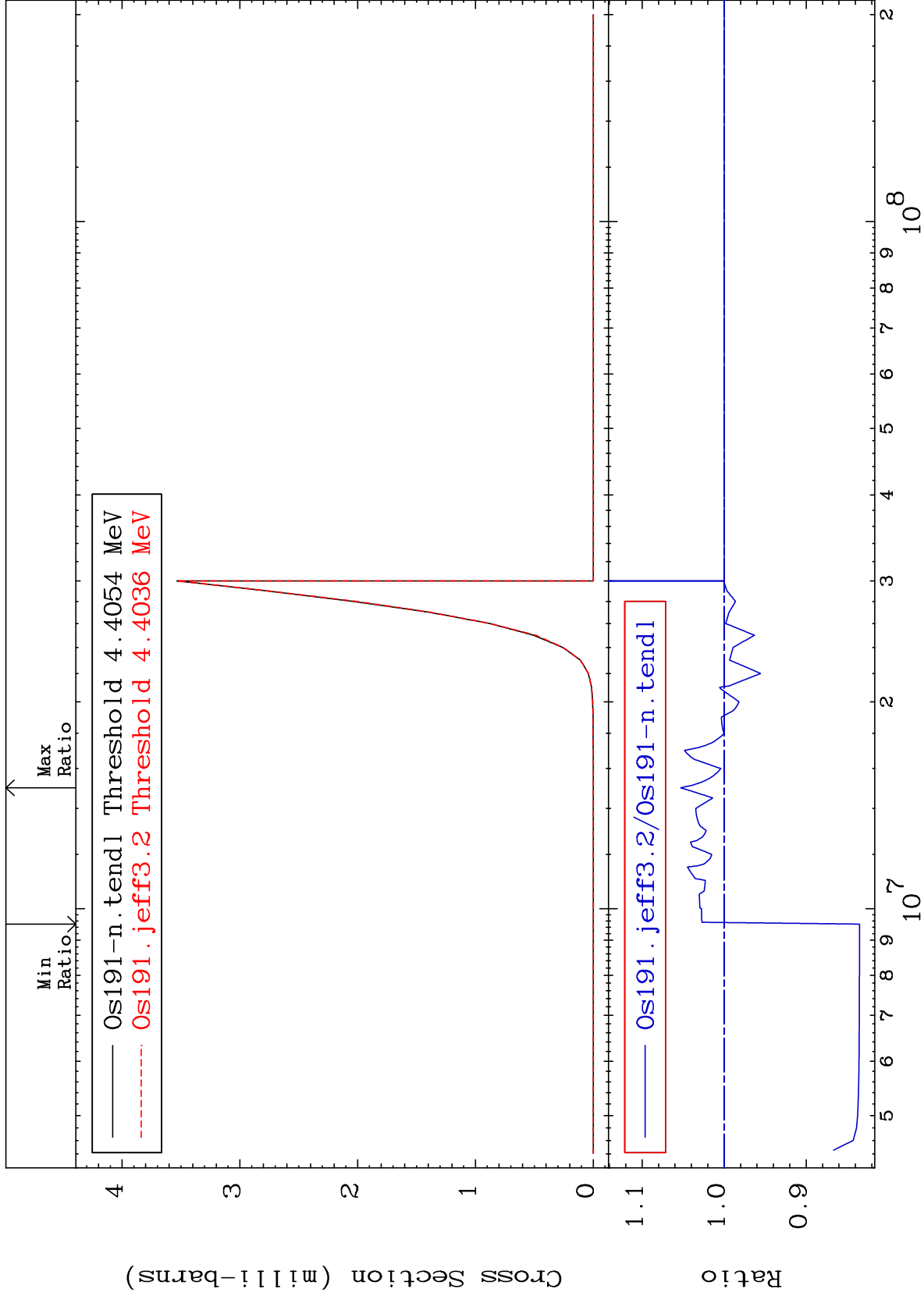
Incident Energy (eV)

76-0s-191

MAT 7646

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

76-0s-191  
-16.50 To 5.295 %



8

Incident Energy (eV)

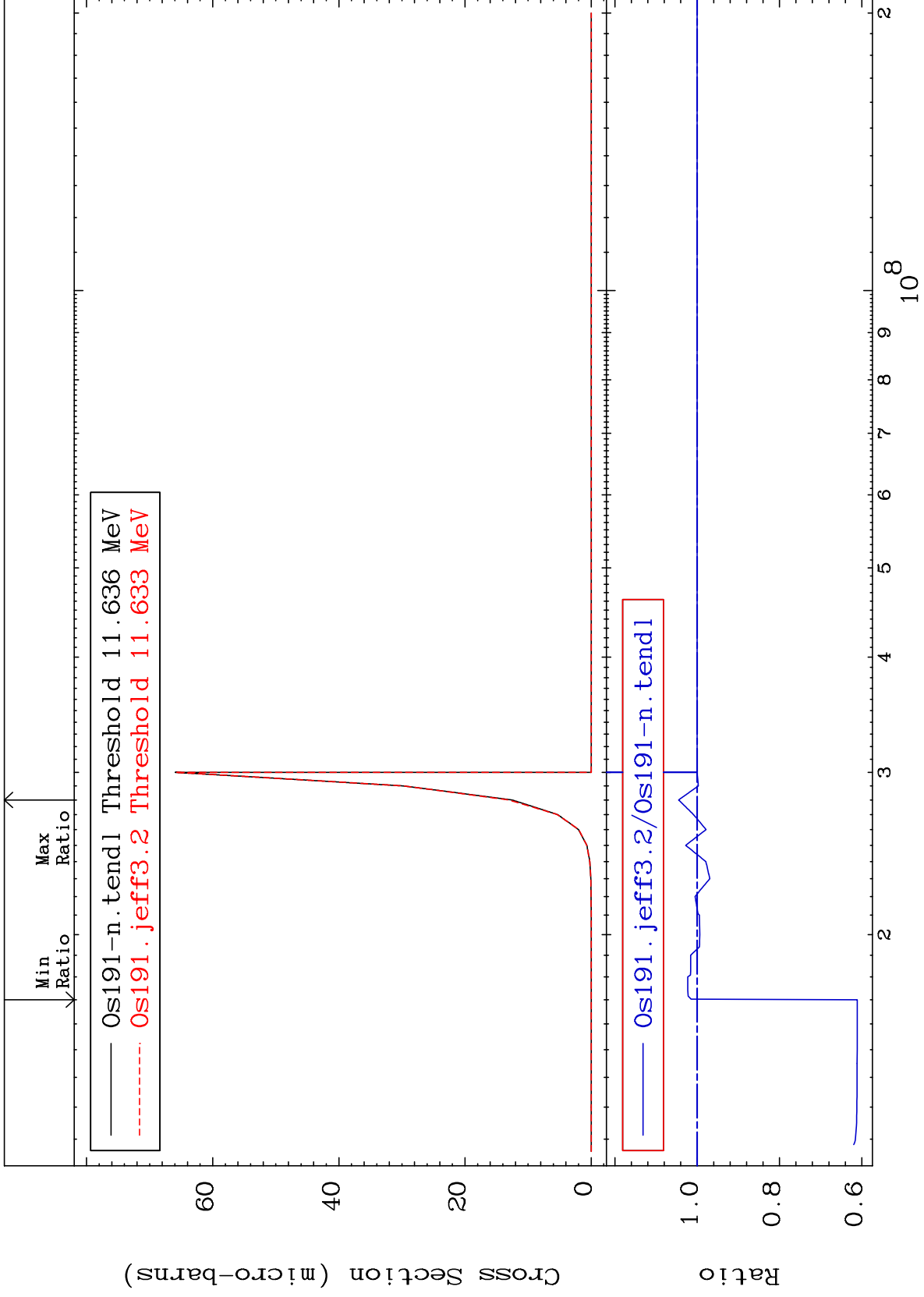
76-0s-191



MAT 7646

(n,3n)  $\alpha$   
Cross Section

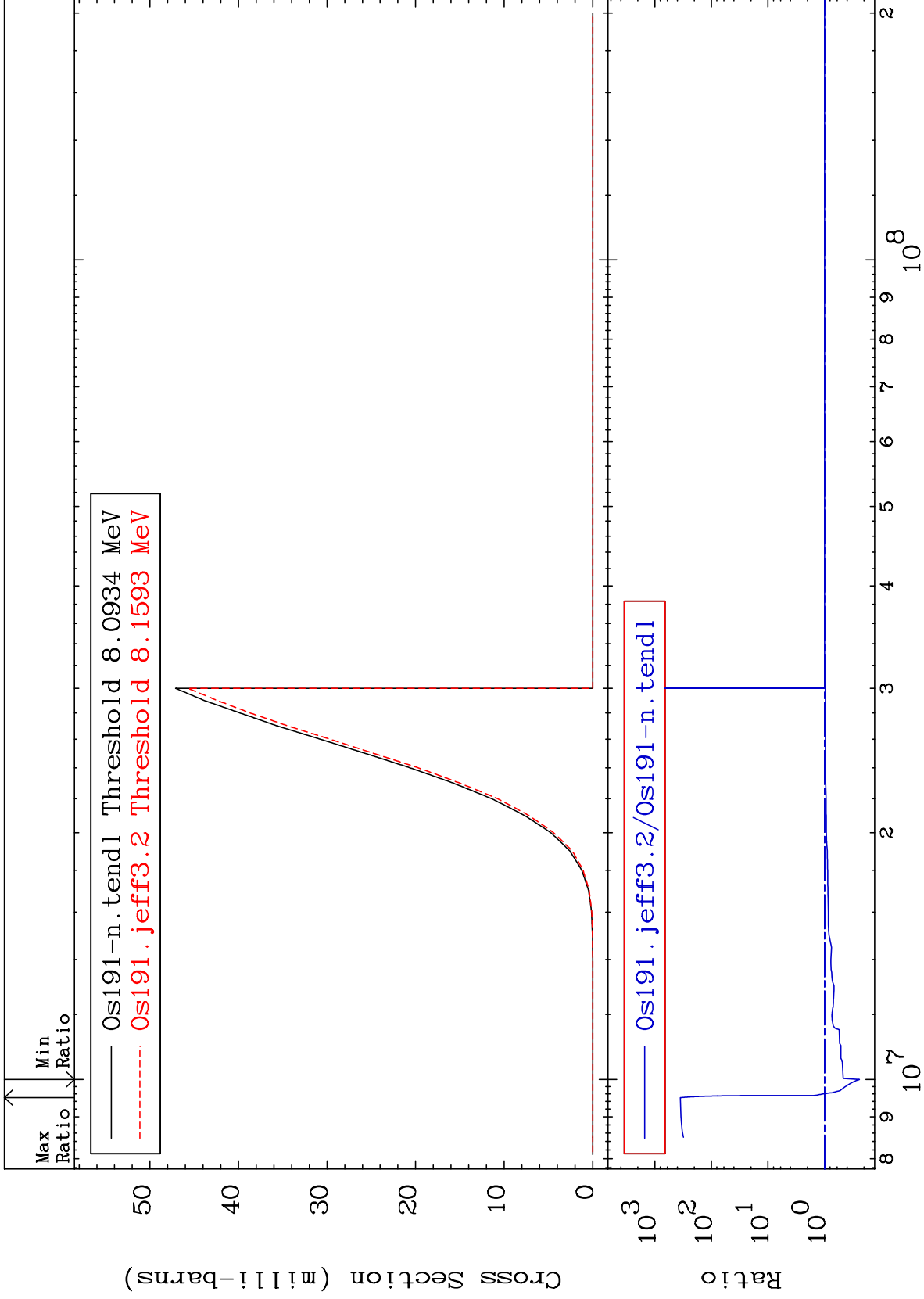
76-0s-191  
-38.90 To 4.505 %



MAT 7646

(n,n') p  
Cross Section

76-0s-191  
-75.83 To 9999. %



10

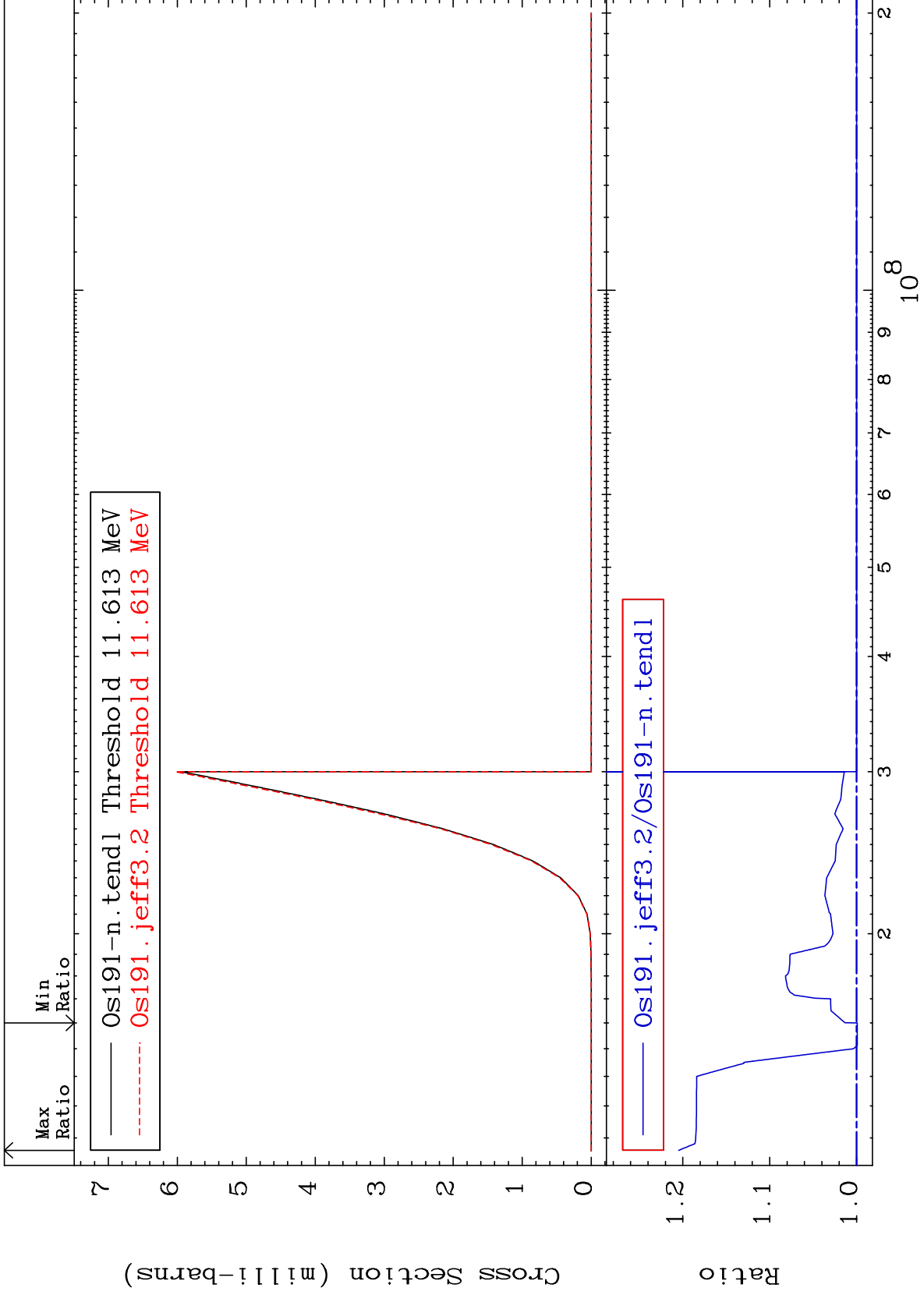
Incident Energy (eV)

76-0s-191

MAT 7646

(n,n') d  
Cross Section

76-0s-191  
-0.074 To 20.48 %



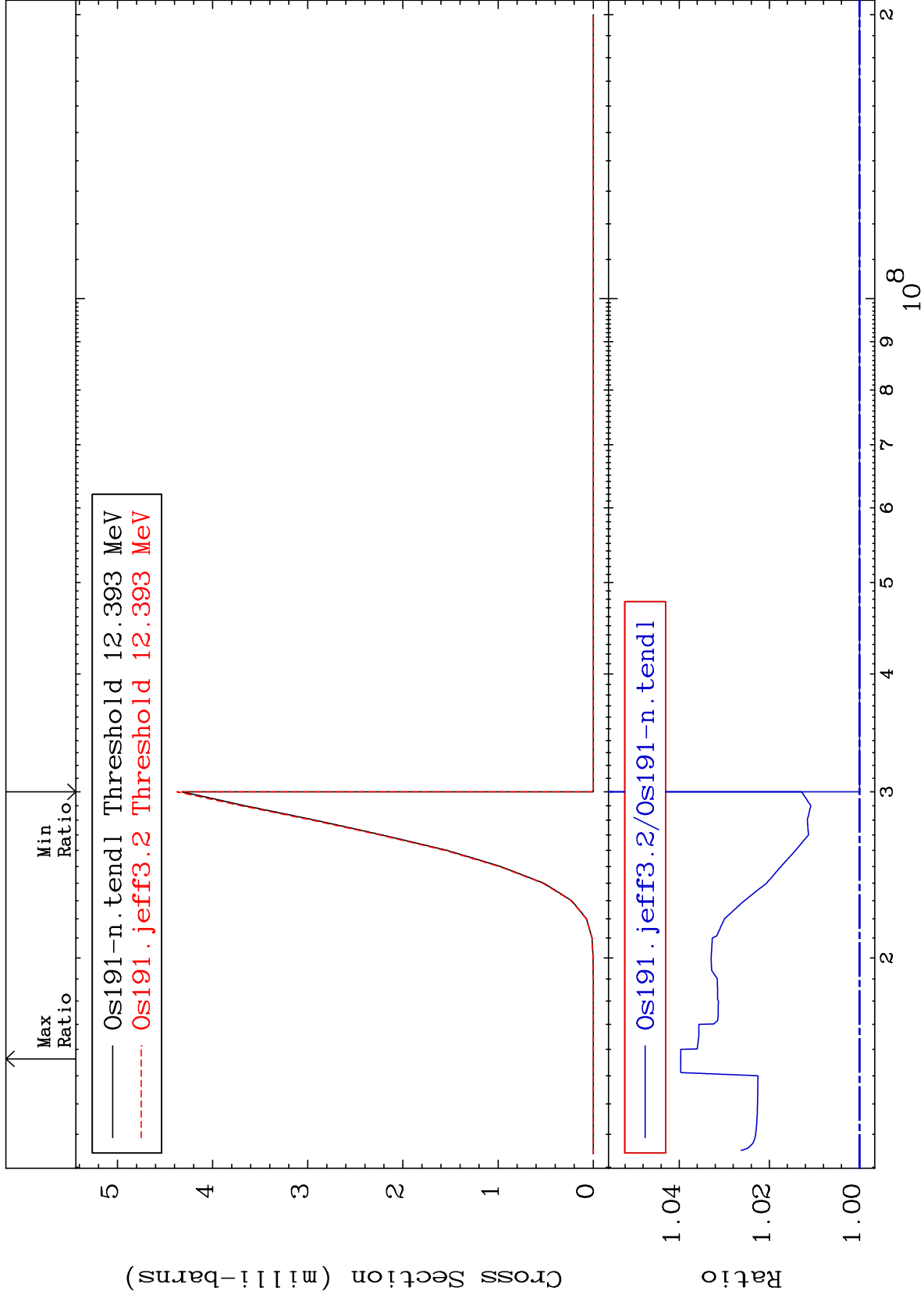
MAT 7646

(n,n') t

76-0s-191

Cross Section

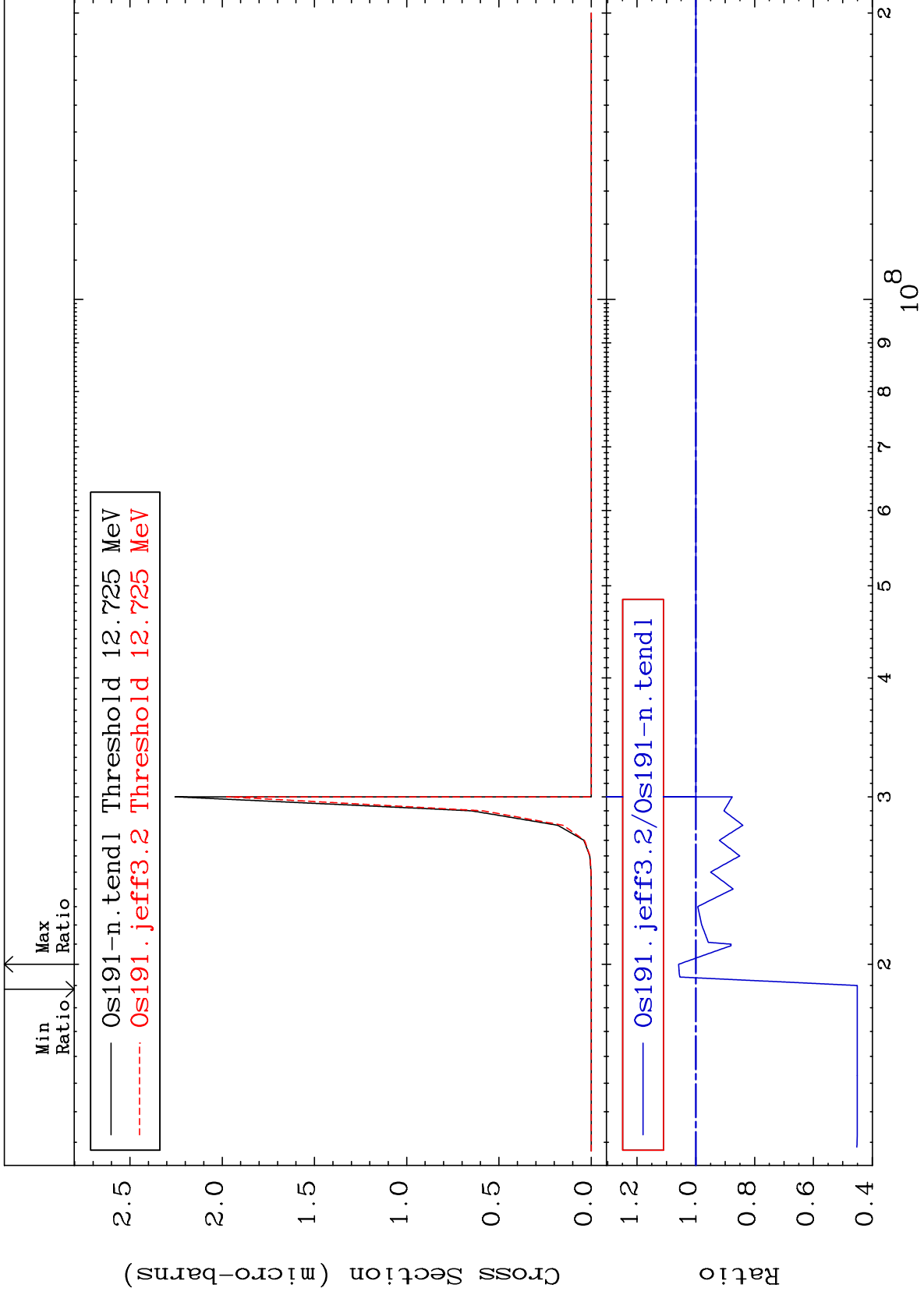
0.000 To 3.965 %



MAT 7646

(n, n') He-3  
Cross Section

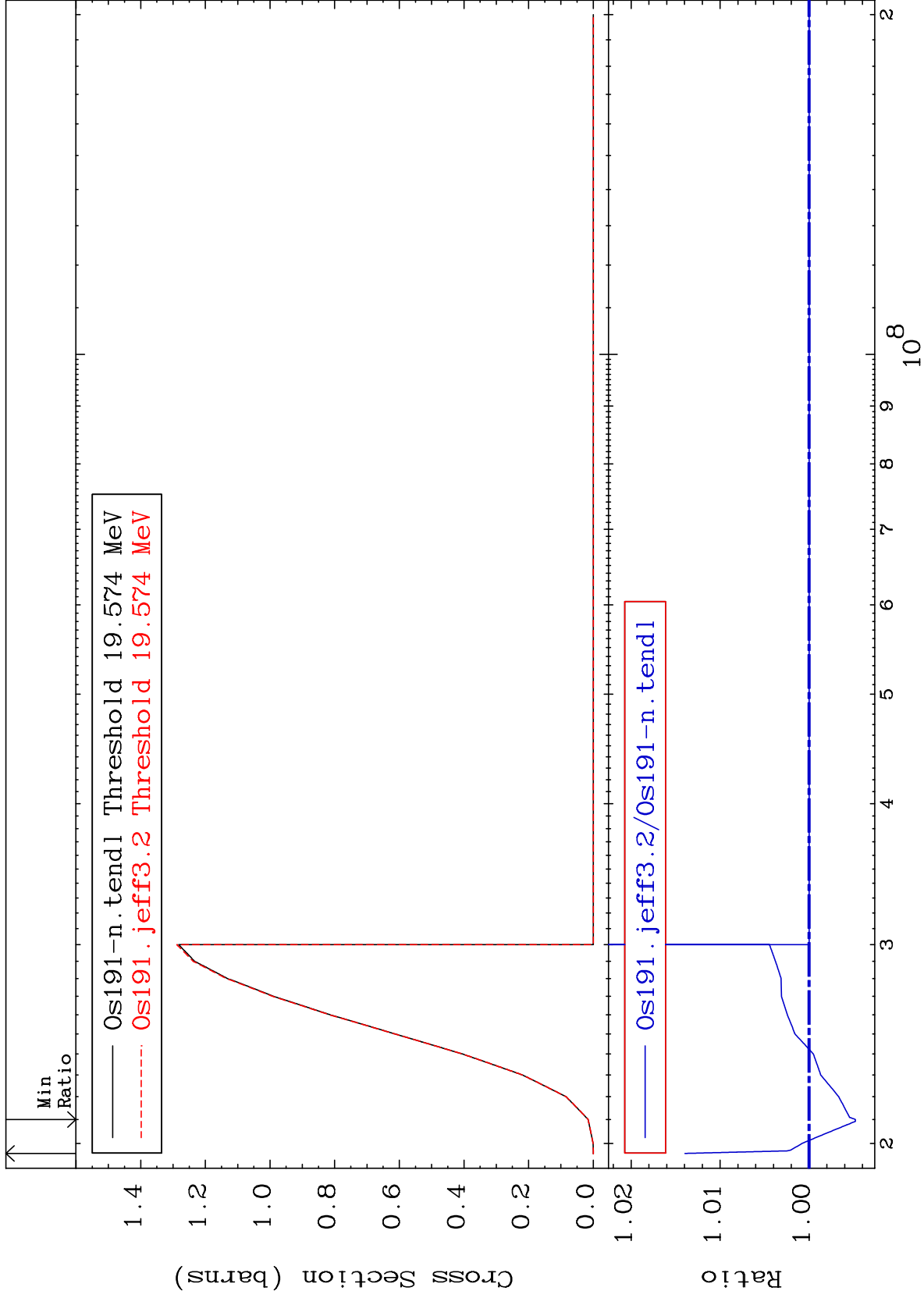
76-0s-191  
-54.92 To 5.860 %



MAT 7646

(n,4n)  
Cross Section

76-0s-191  
-0.521 To 1.396 %



14

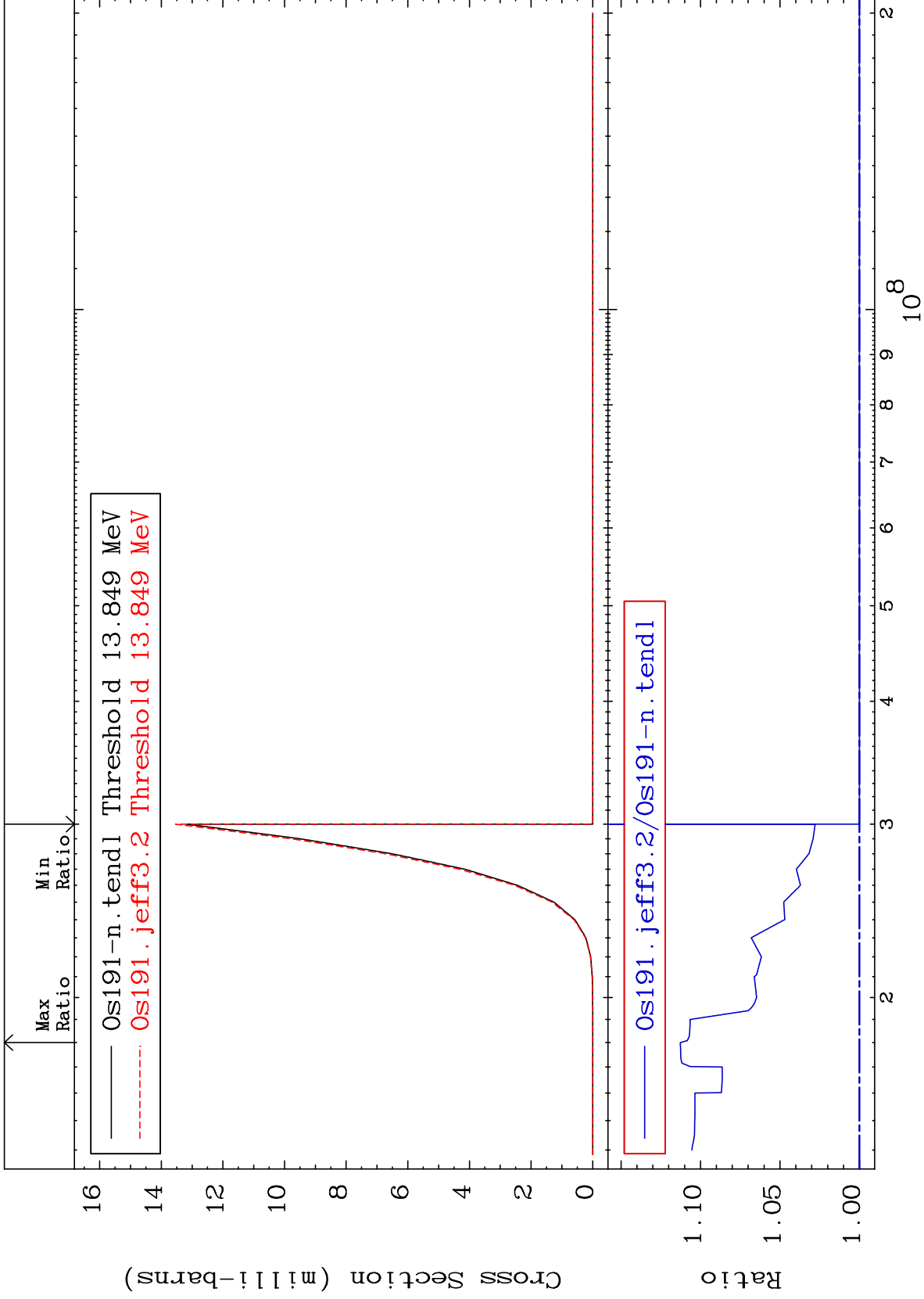
Incident Energy (eV)

76-0s-191

MAT 7646

(n,2n) p  
Cross Section

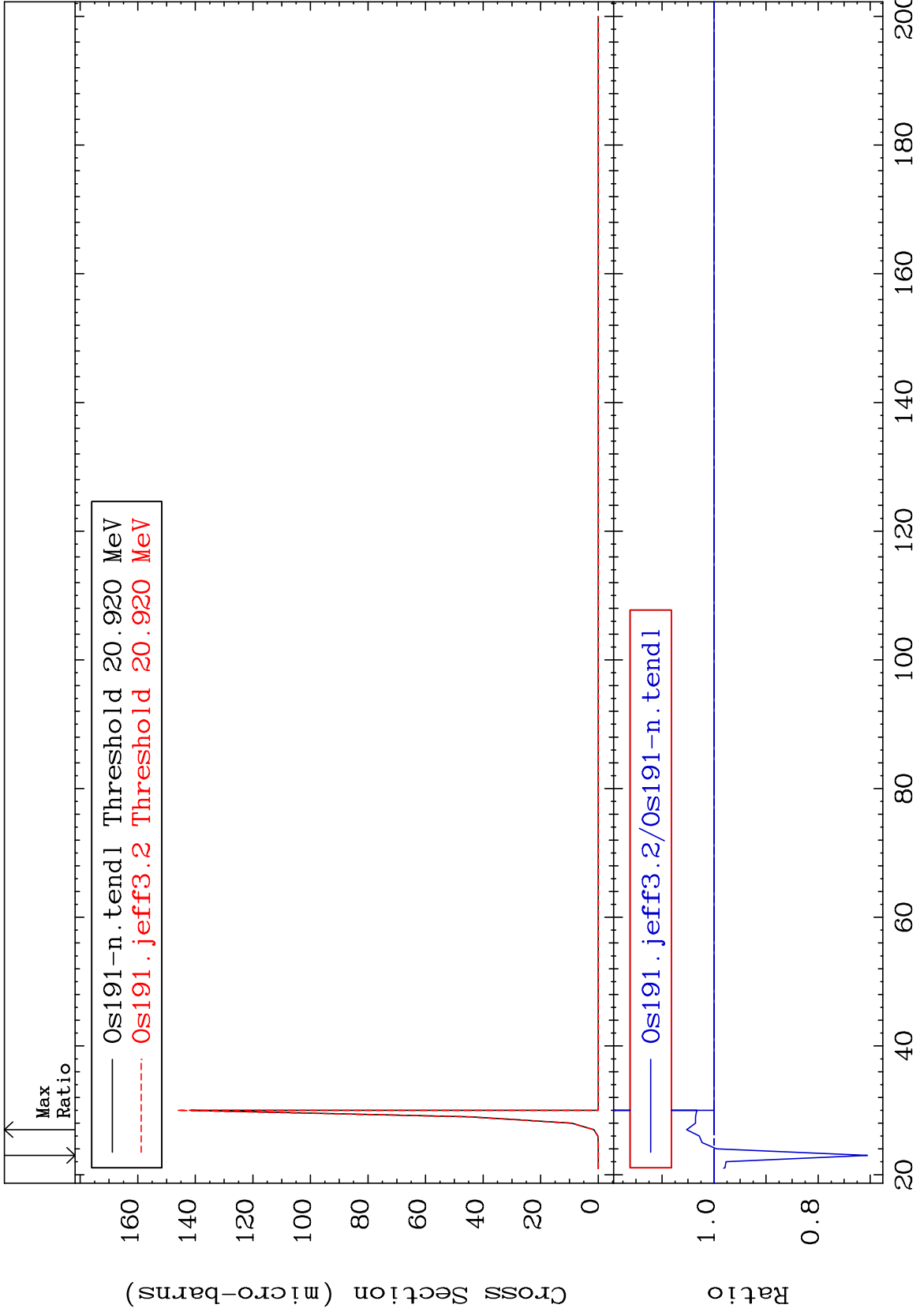
76-0s-191  
0.000 To 11.27 %



MAT 7646

(n,3n) p  
Cross Section

76-0s-191  
-29.47 To 5.253 %

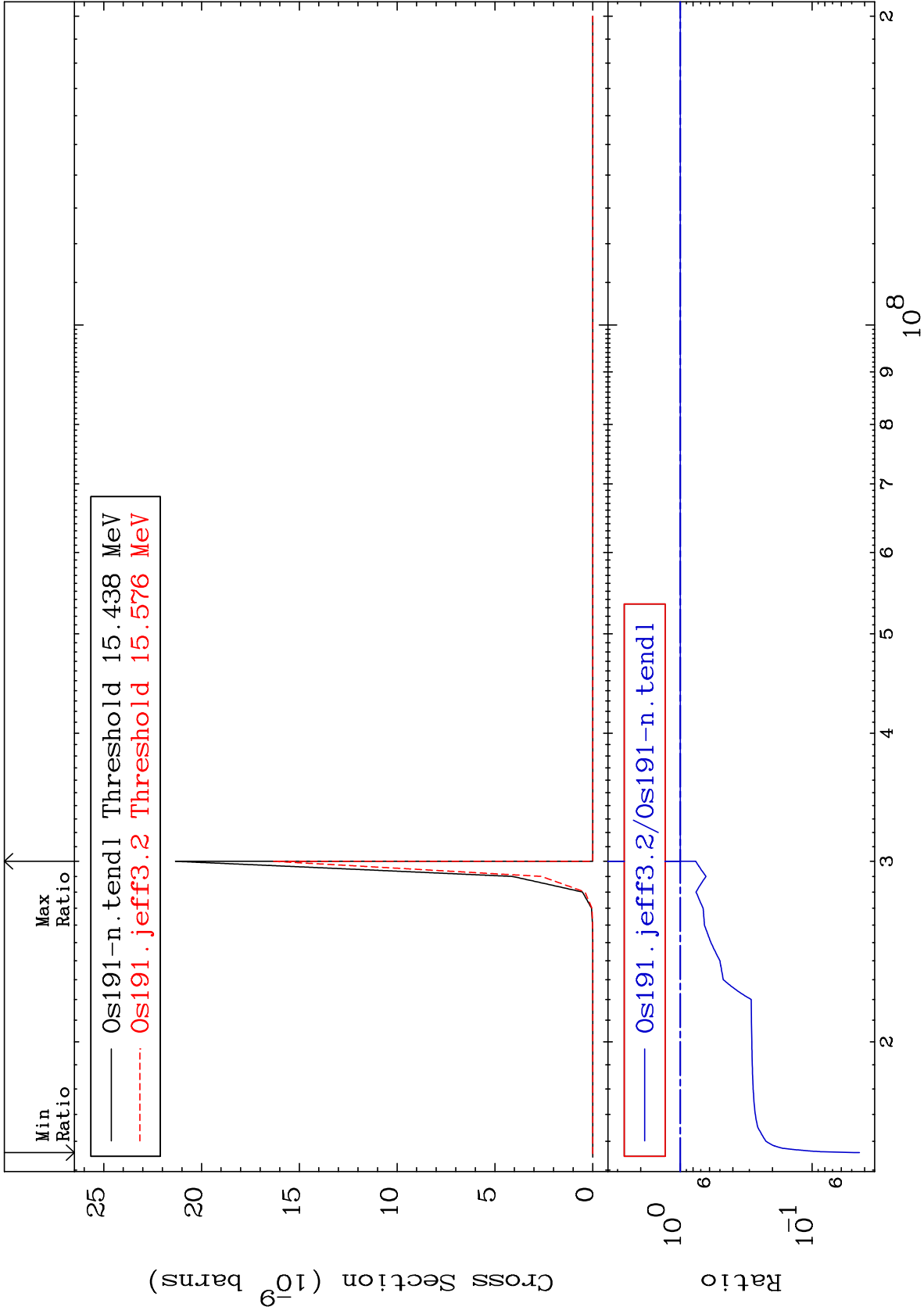


16

Incident Energy (MeV)

76-0s-191

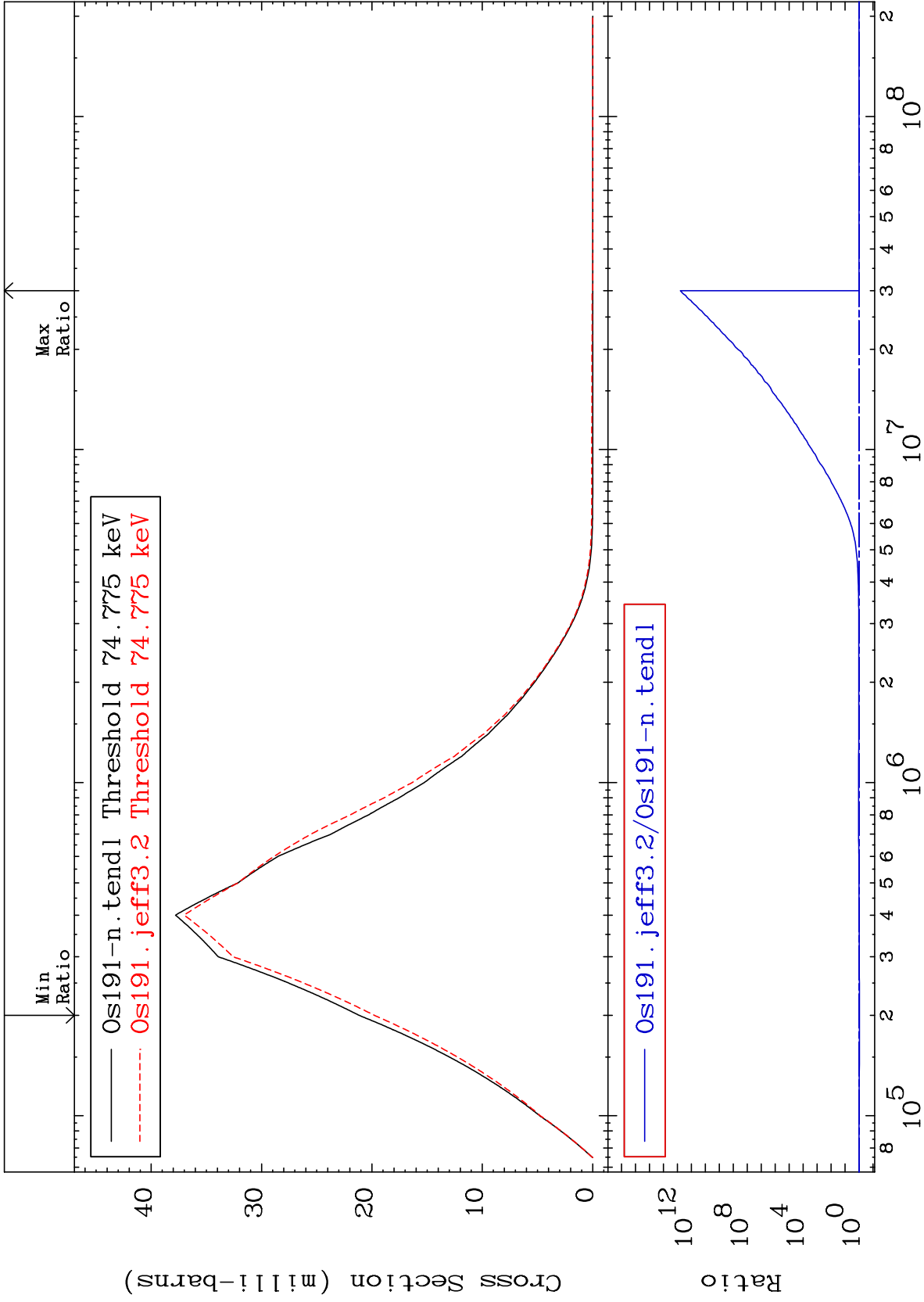




MAT 7646

74.38 keV (n,n') Level  
Cross Section

76-0s-191  
-6.563 To 9999. %



18

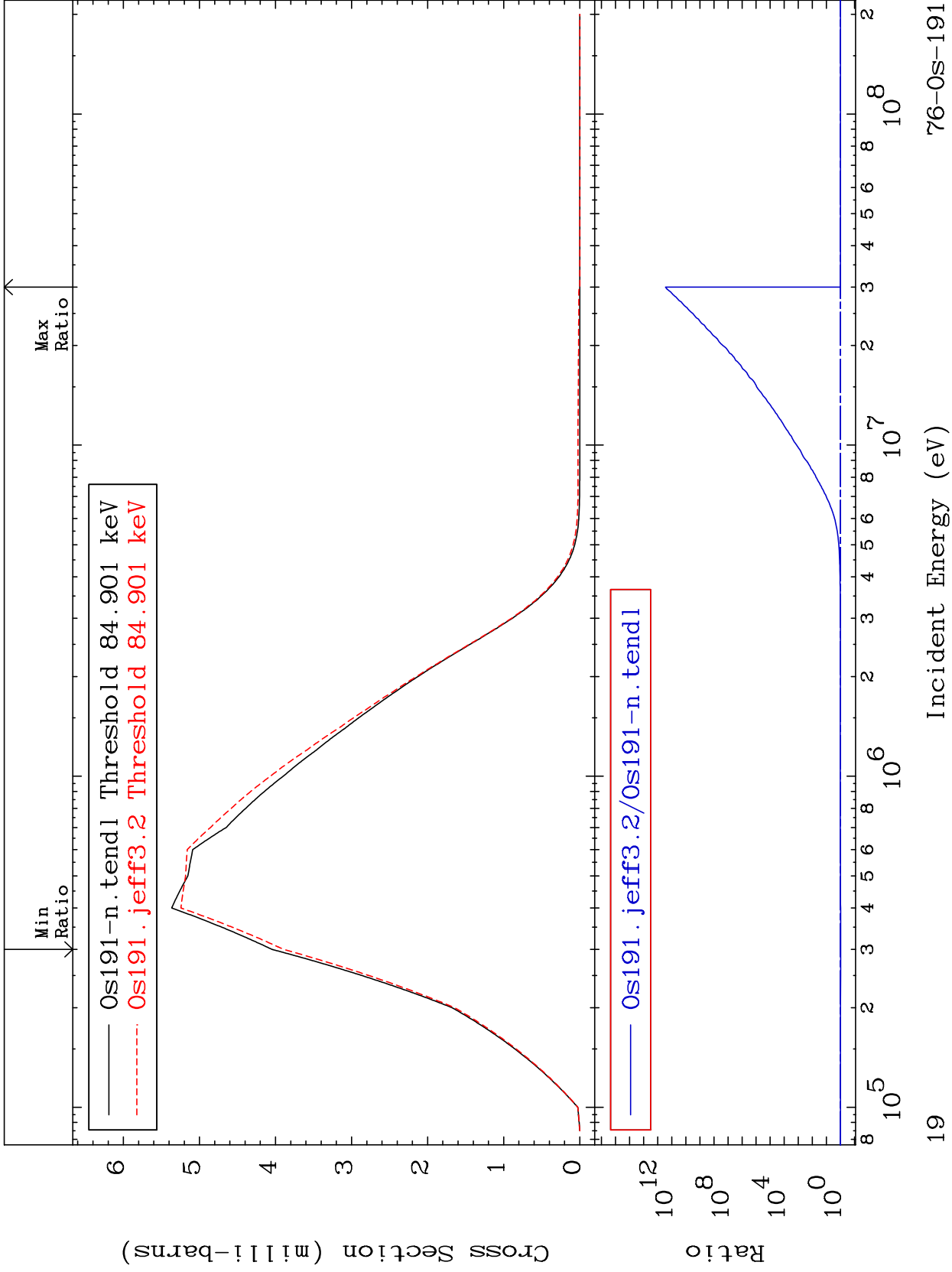
Incident Energy (eV)

76-0s-191

MAT 7646

84.46 keV (n,n') Level  
Cross Section

76-Os-191  
-3.768 To 9999. %



19

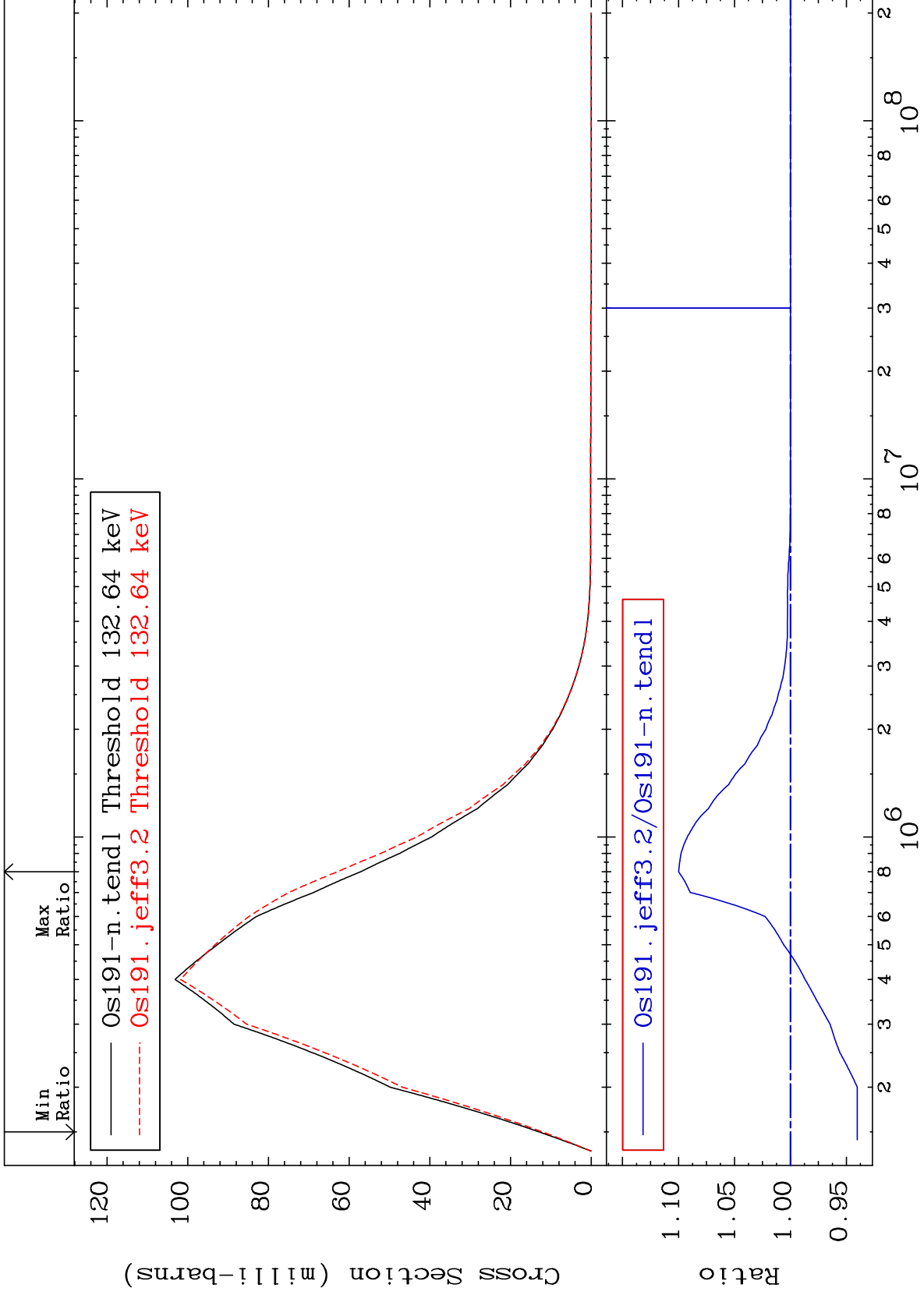
Incident Energy (eV)

76-Os-191

MAT 7646

131.9 keV (n,n') Level  
Cross Section

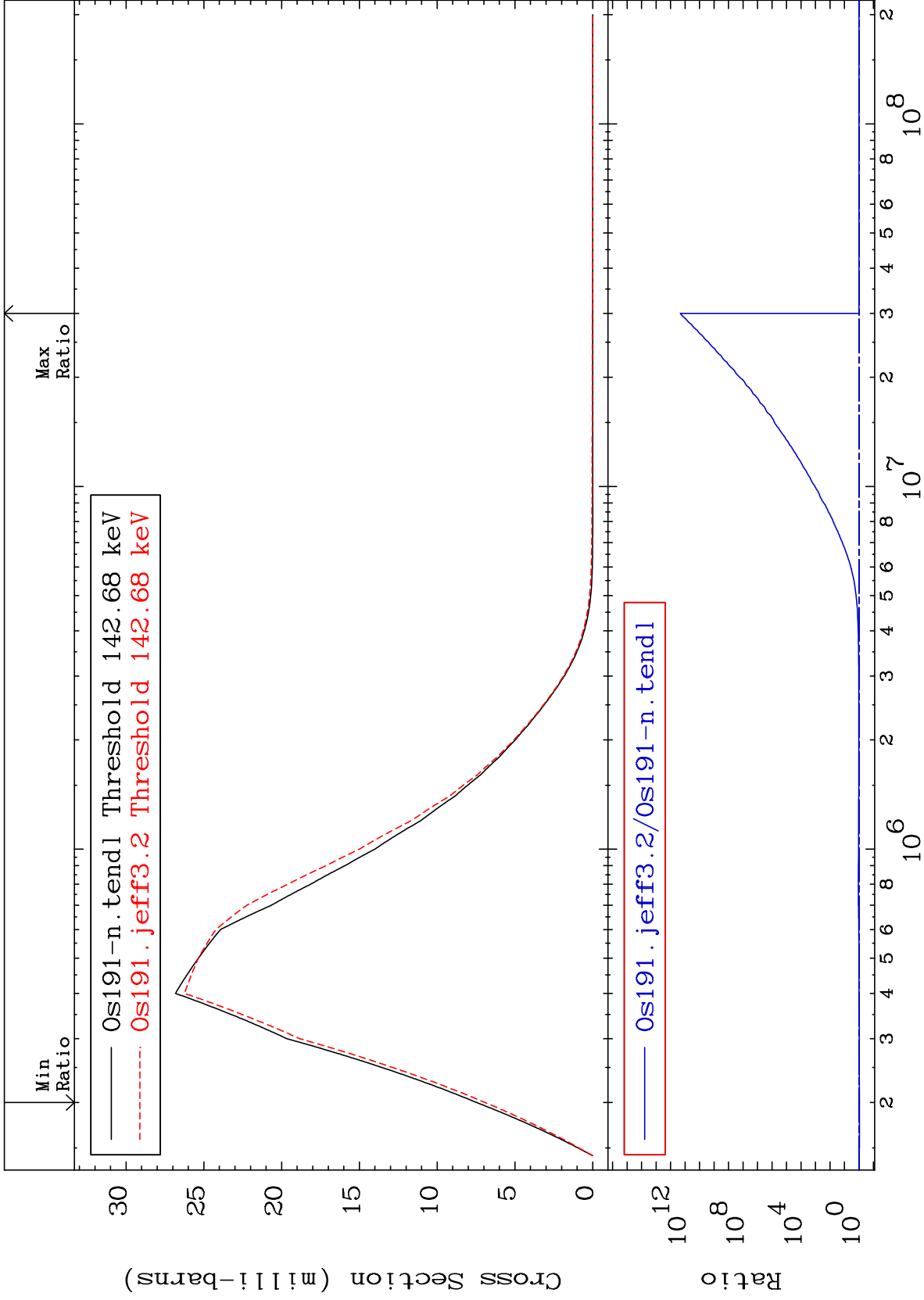
76-0s-191  
-5.967 To 9.988 %



MAT 7646

141.9 keV (n,n') Level  
Cross Section

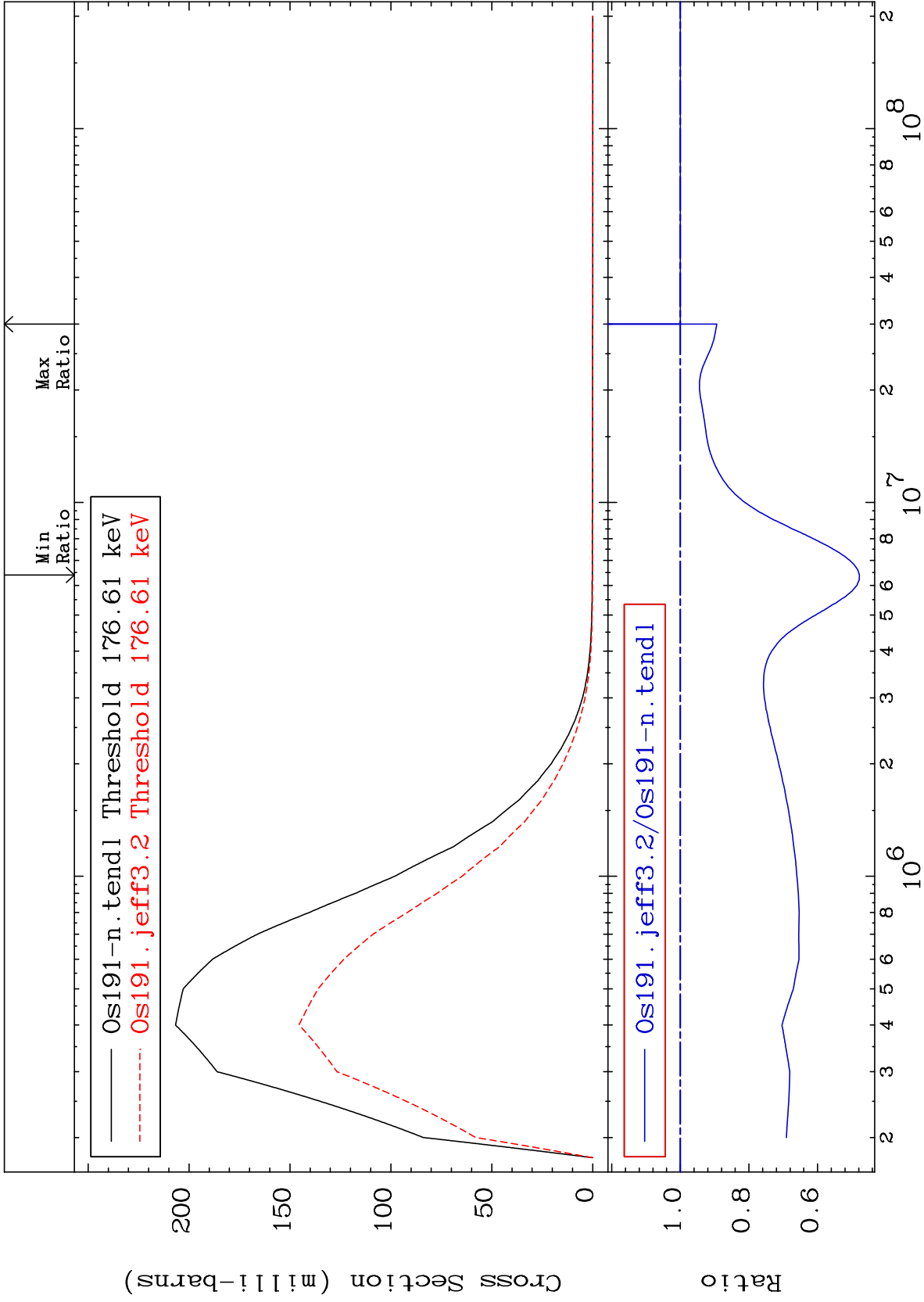
76-Os-191  
-7.361 To 9999. %



MAT 7646

175.7 keV (n,n') Level  
Cross Section

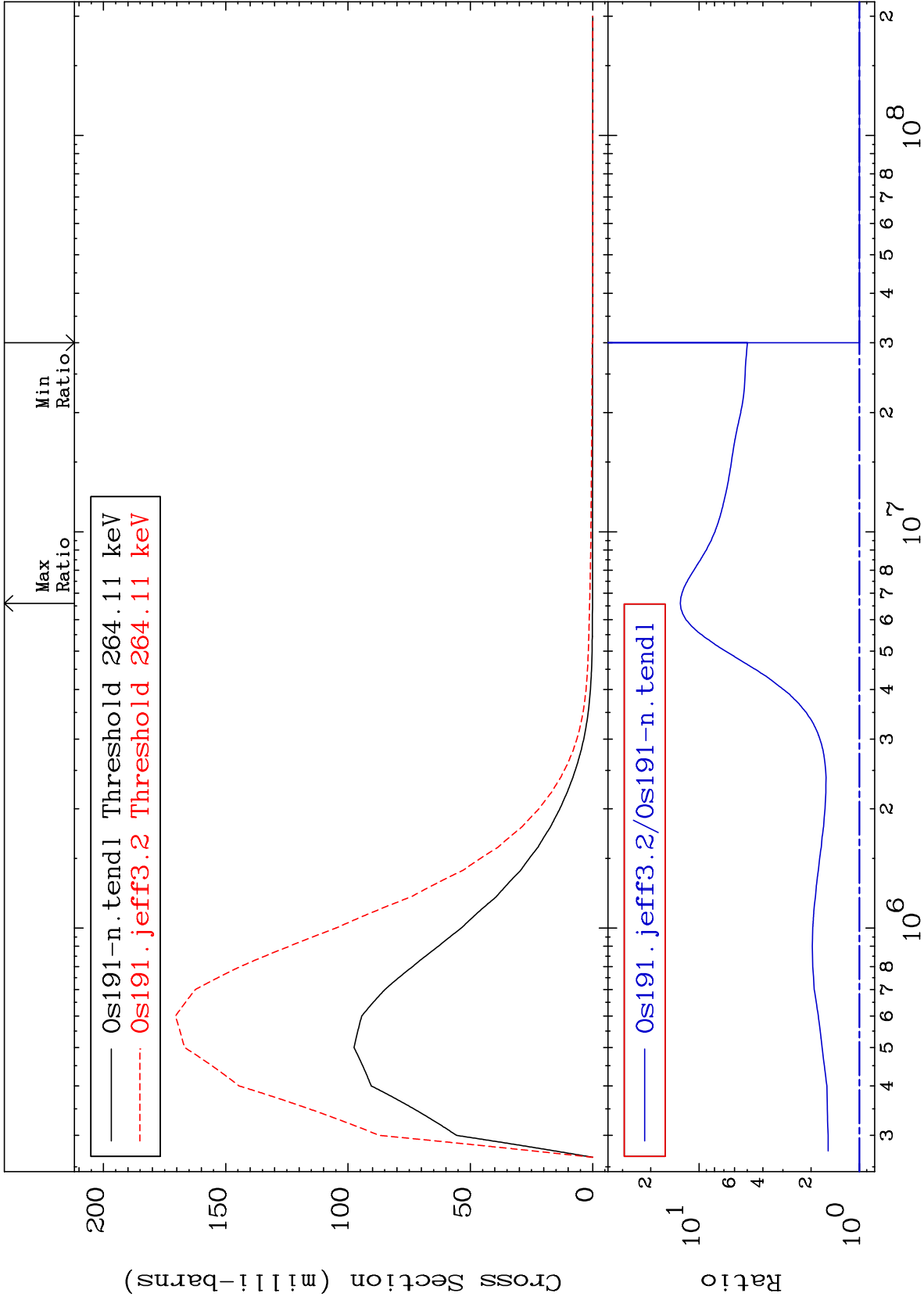
76-0s-191  
-52.20 To 0.000 %



MAT 7646

262.7 keV (n,n') Level  
Cross Section

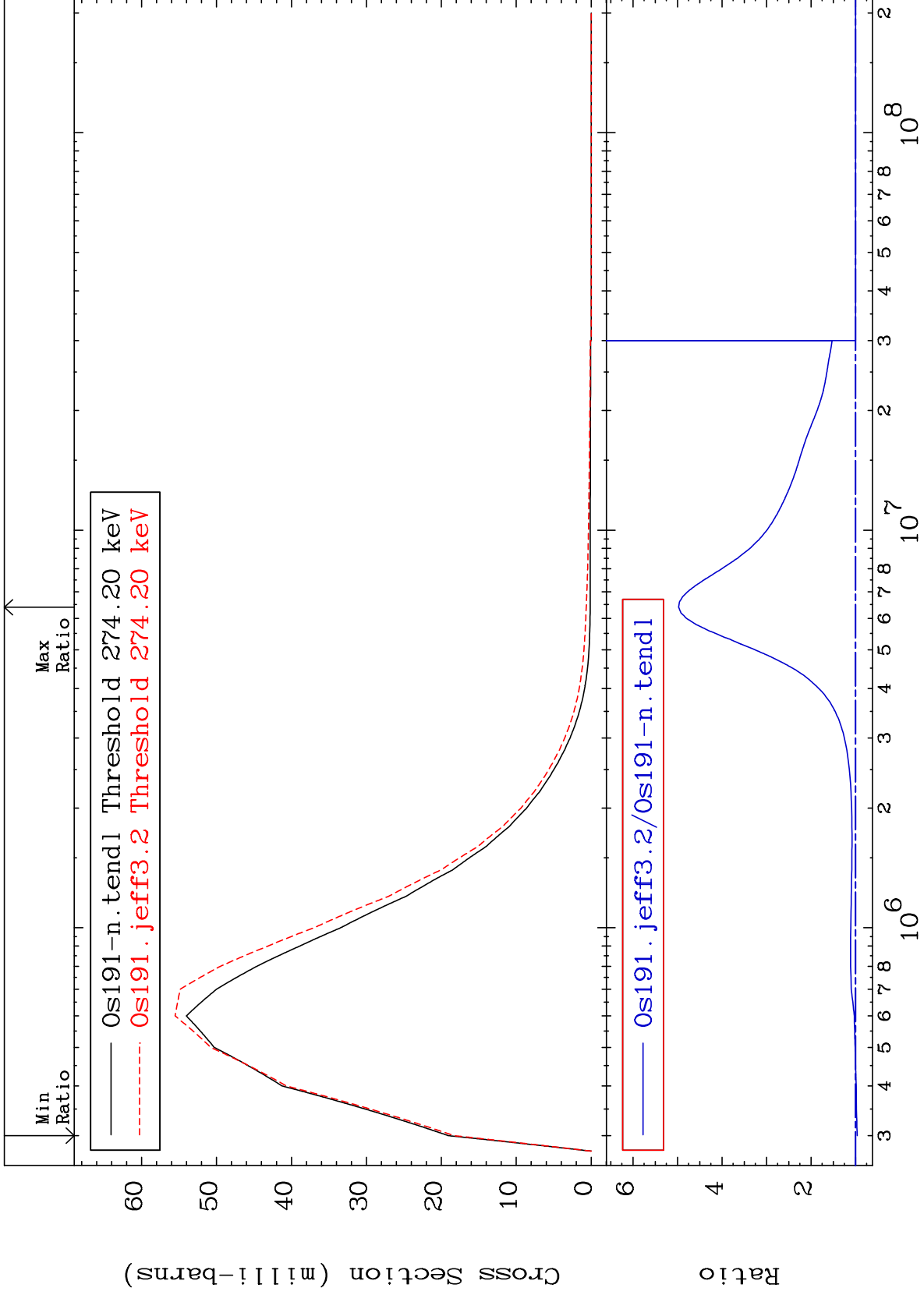
76-Os-191  
0.000 To 1207. %



MAT 7646

272.8 keV (n,n') Level  
Cross Section

76-Os-191  
-3.955 To 397.4 %

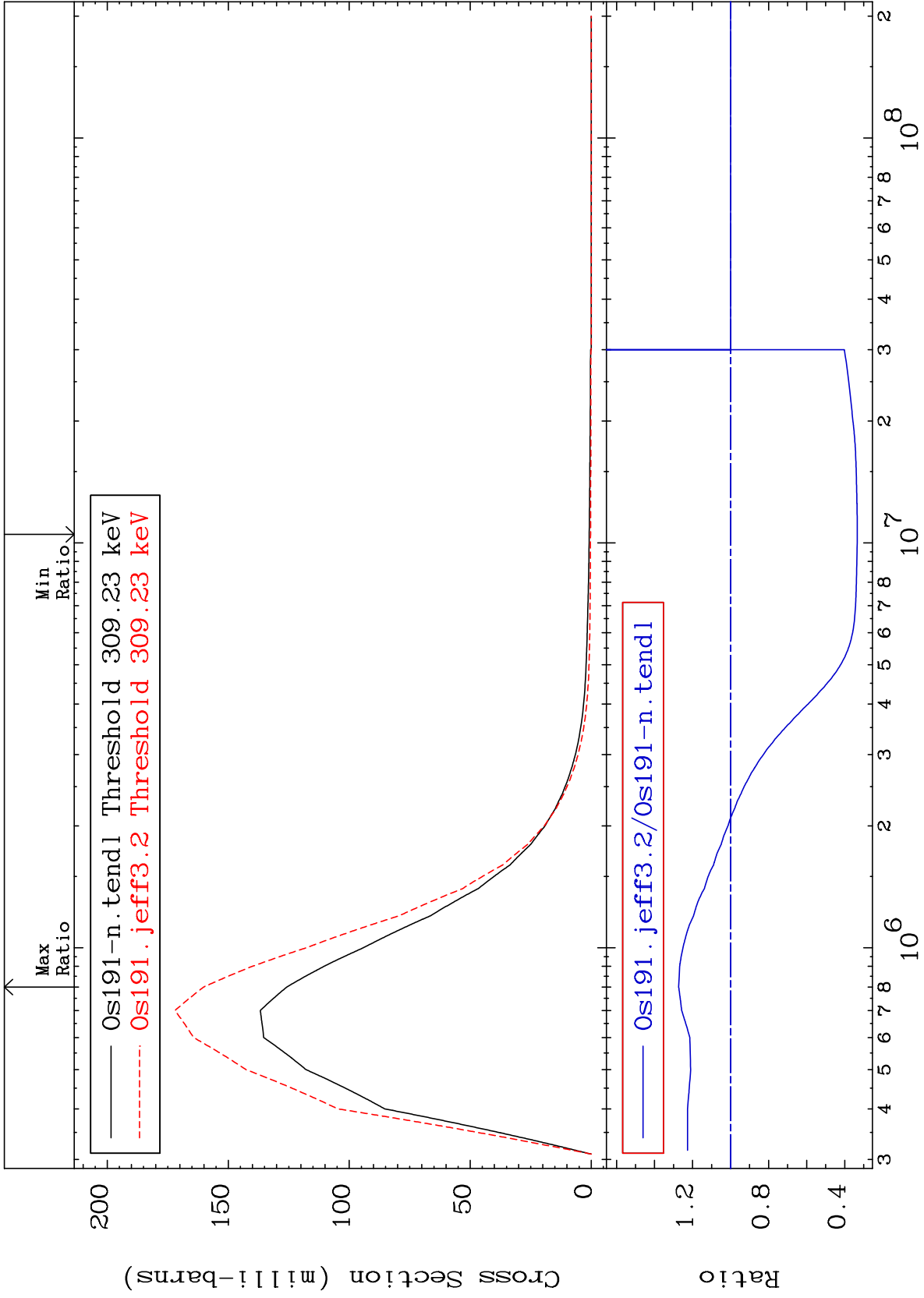




MAT 7646

307.6 keV (n,n') Level  
Cross Section

76-0s-191  
-66.62 To 27.34 %



25

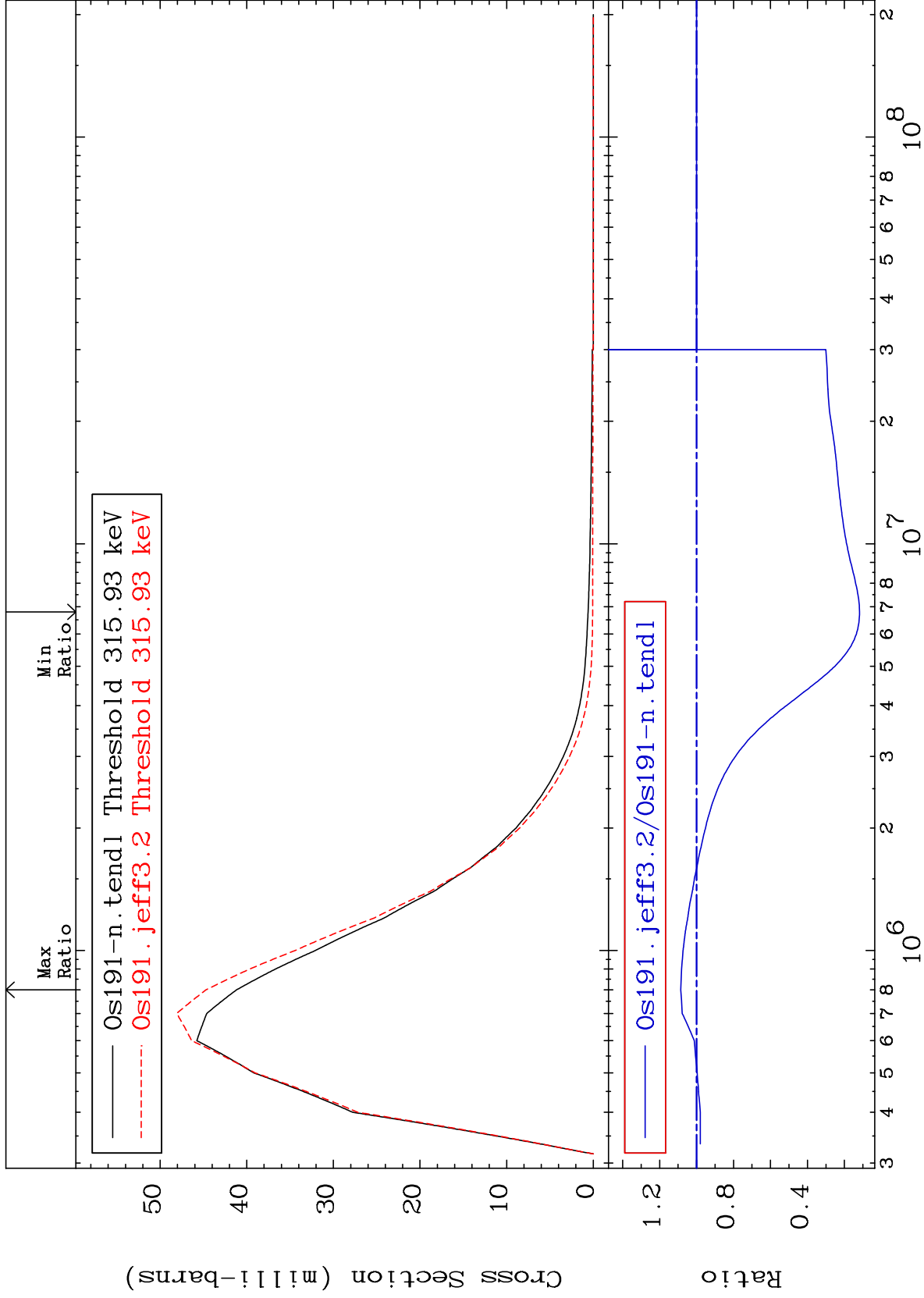
Incident Energy (eV)

76-0s-191

MAT 7646

314.3 keV (n,n') Level  
Cross Section

76-0s-191  
-88.19 To 8.555 %

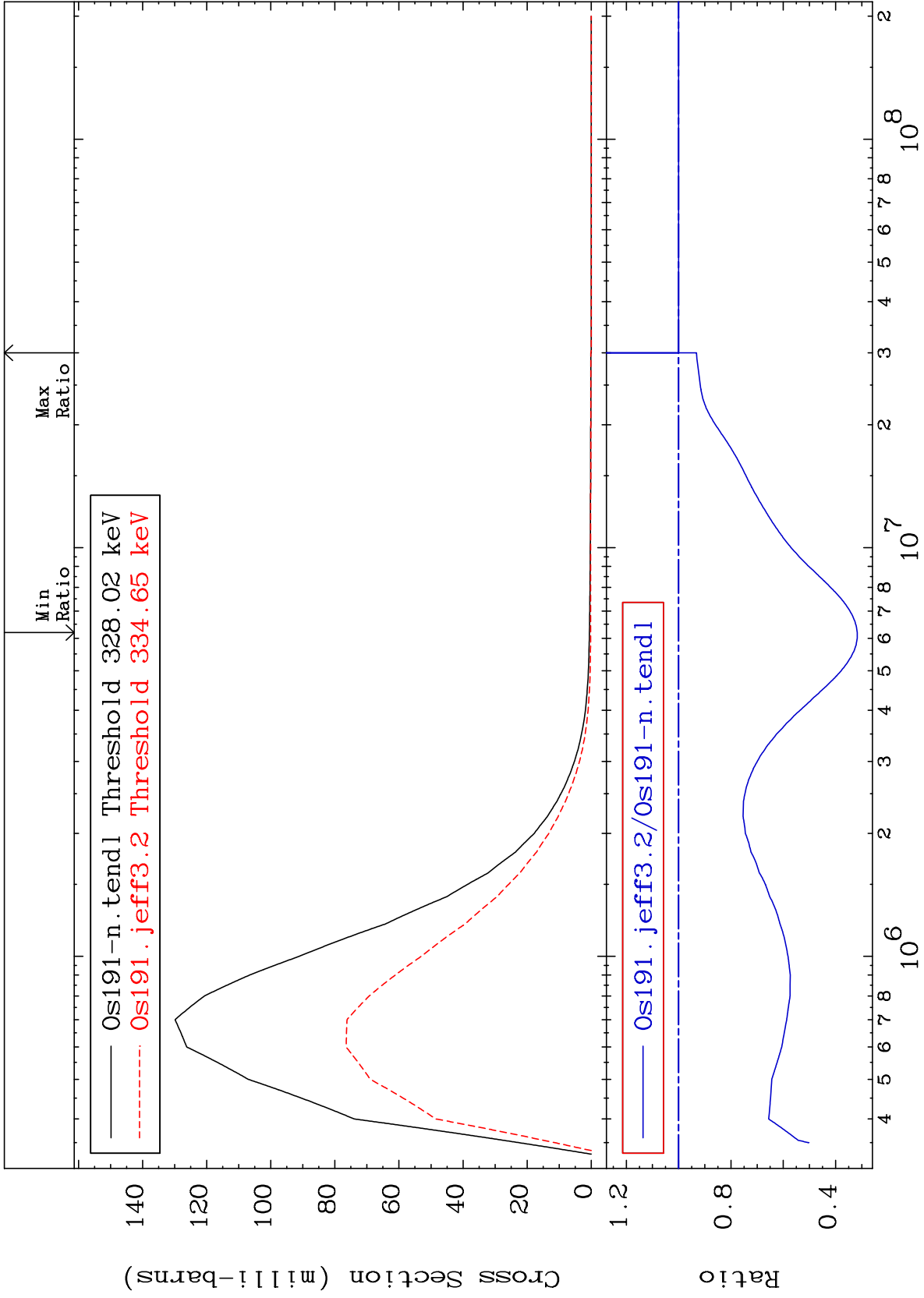


MAT 7646

326.3 keV (n,n') Level

76-0s-191

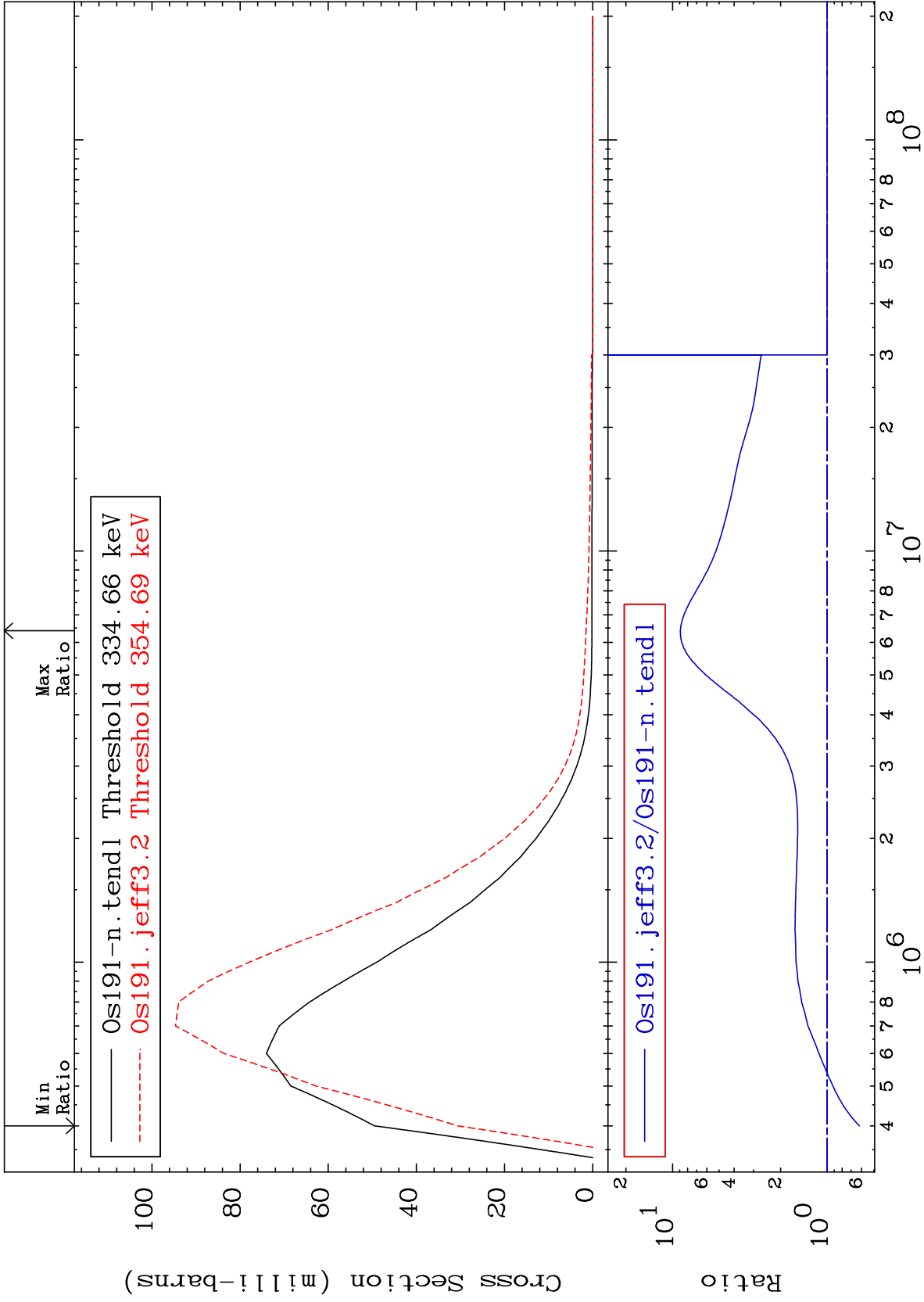
-68.29 To 0.000 %



MAT 7646

332.9 keV (n,n') Level  
Cross Section

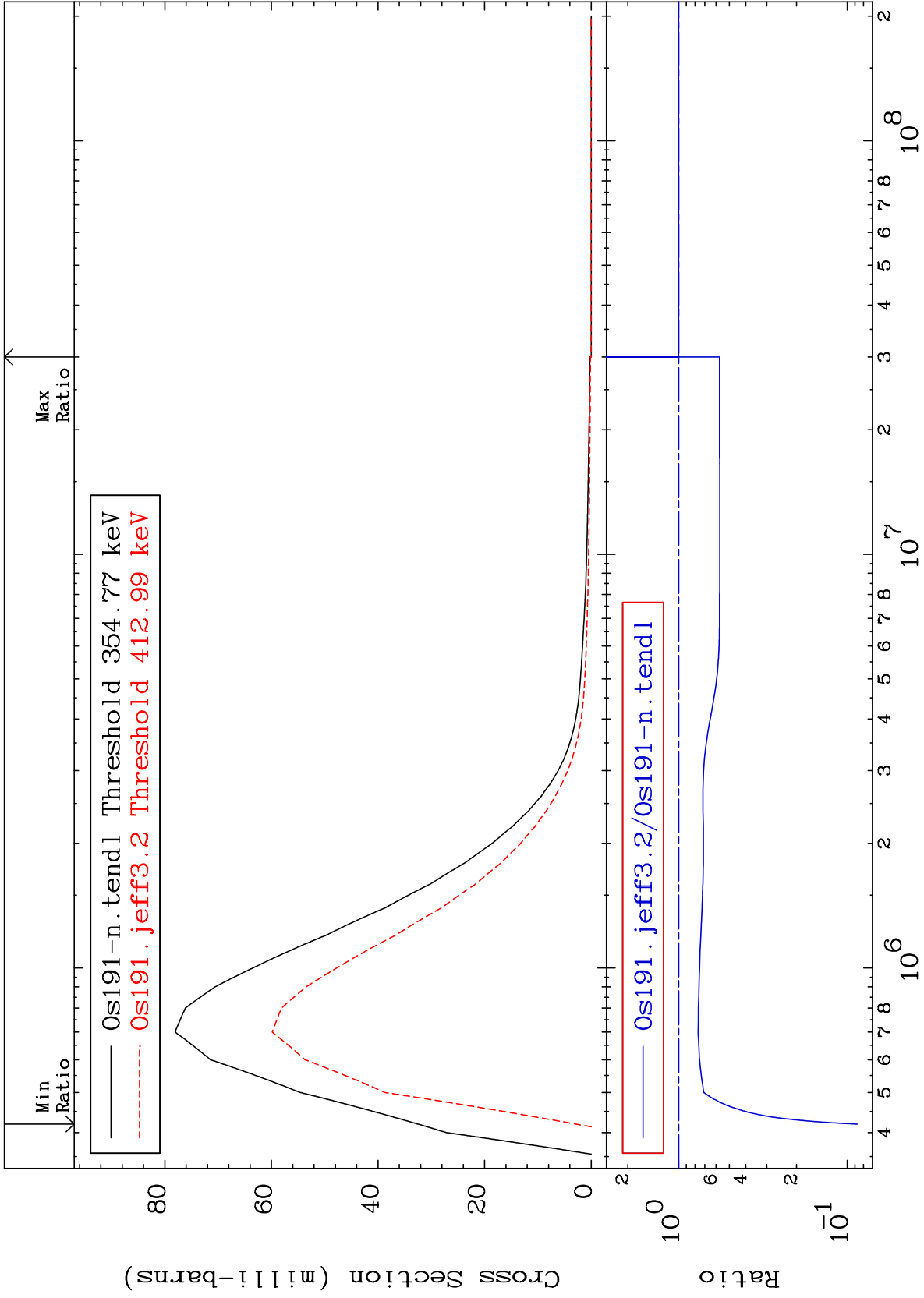
76-0s-191  
-38.13 To 790.2 %



MAT 7646

352.9 keV (n,n') Level  
Cross Section

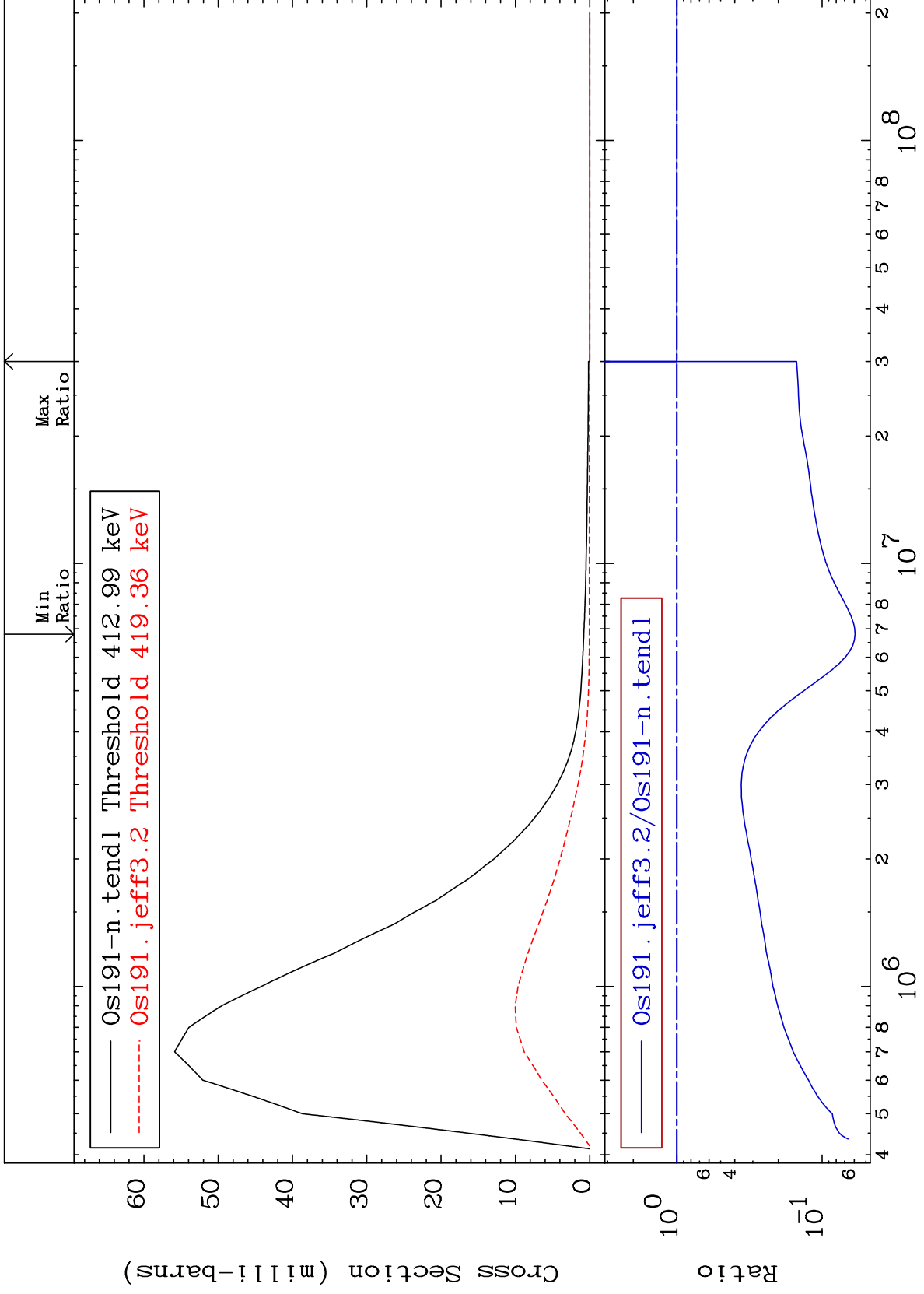
76-0s-191  
-91.29 To 0.000 %



MAT 7646

410.8 keV (n,n') Level  
Cross Section

76-0s-191  
-94.07 To 0.000 %



30

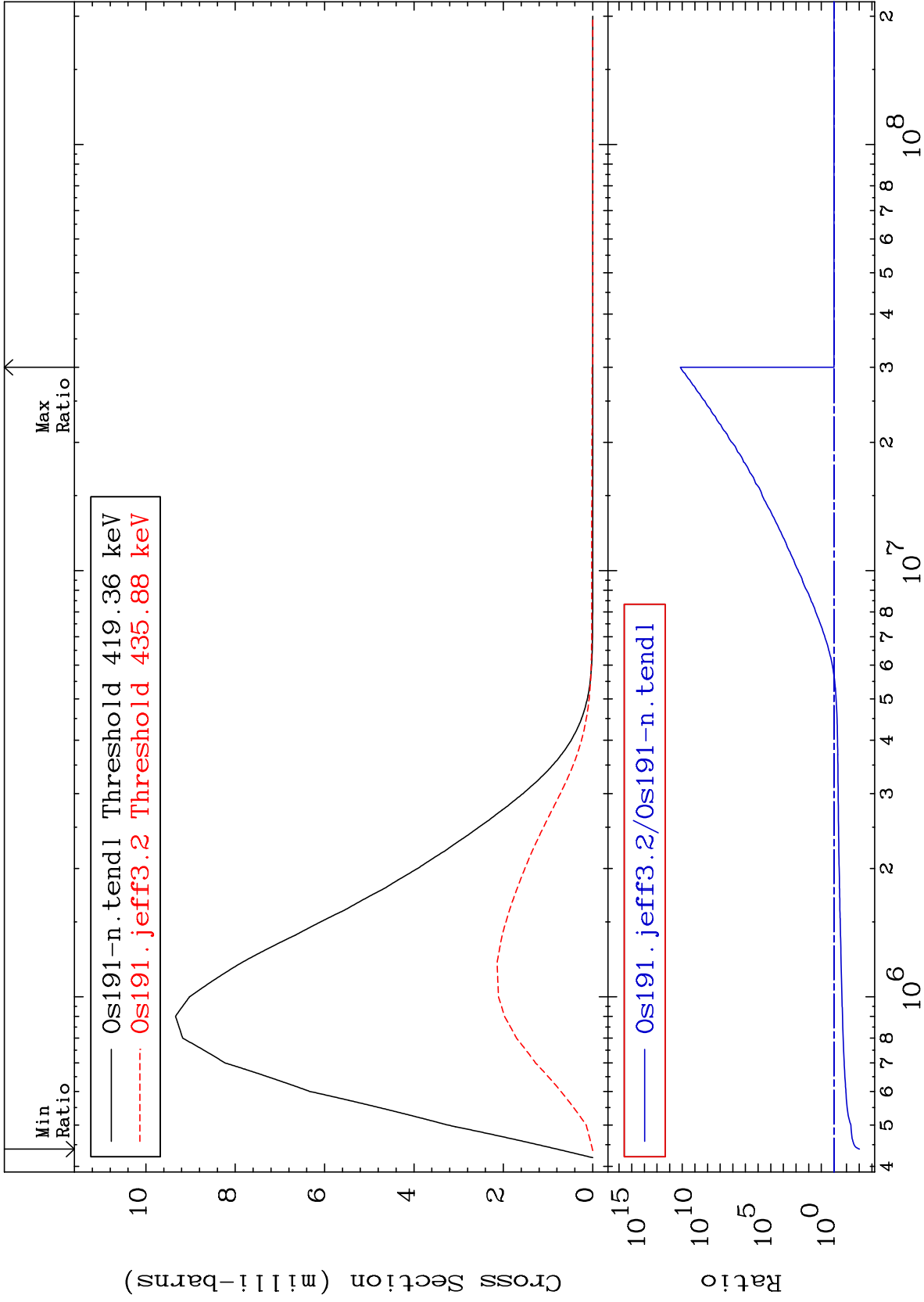
Incident Energy (eV)

76-0s-191

MAT 7646

417.2 keV (n,n') Level  
Cross Section

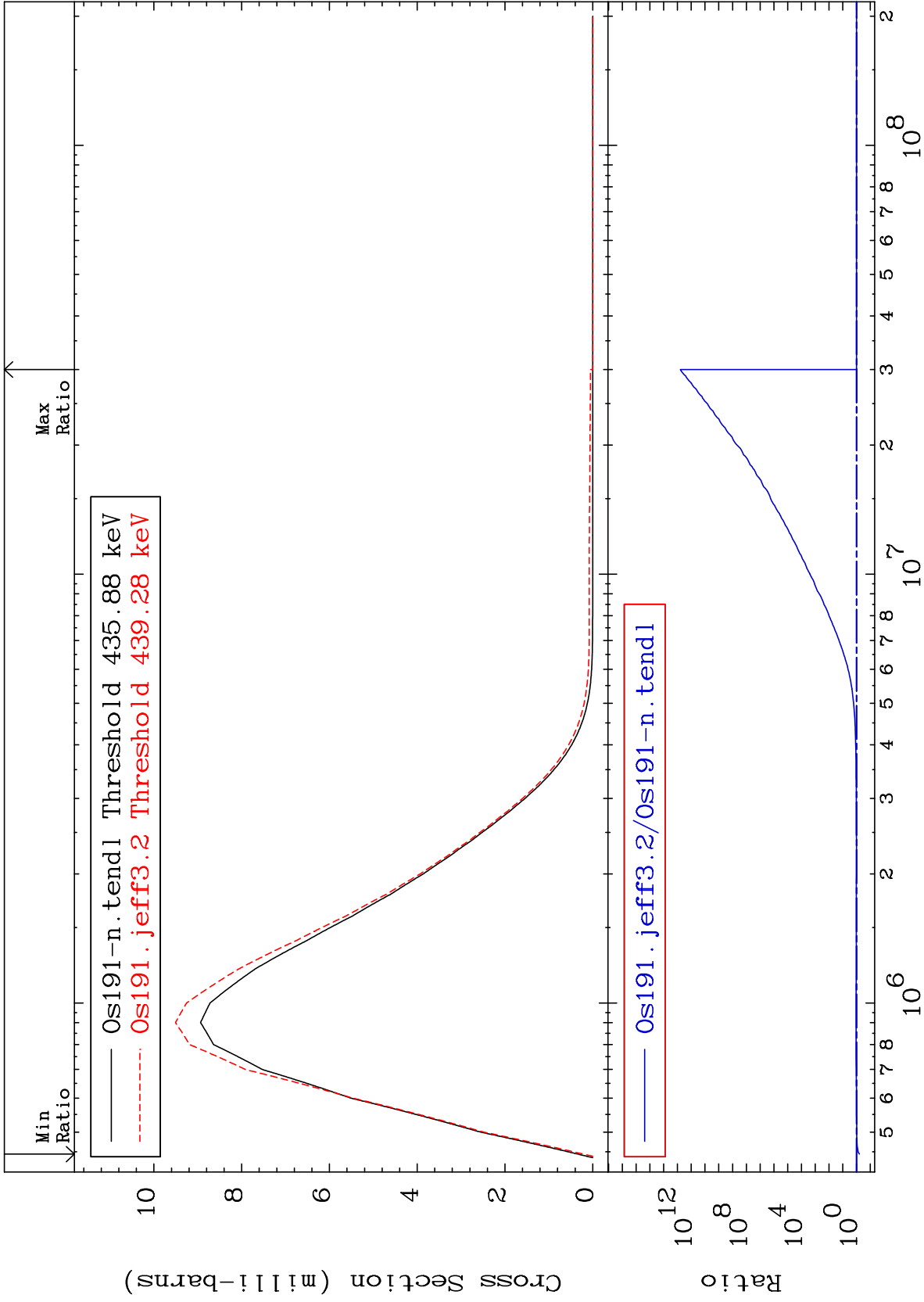
76-Os-191  
-99.04 To 9999. %



MAT 7646

433.6 keV (n,n') Level  
Cross Section

76-0s-191  
-38.57 To 9999. %

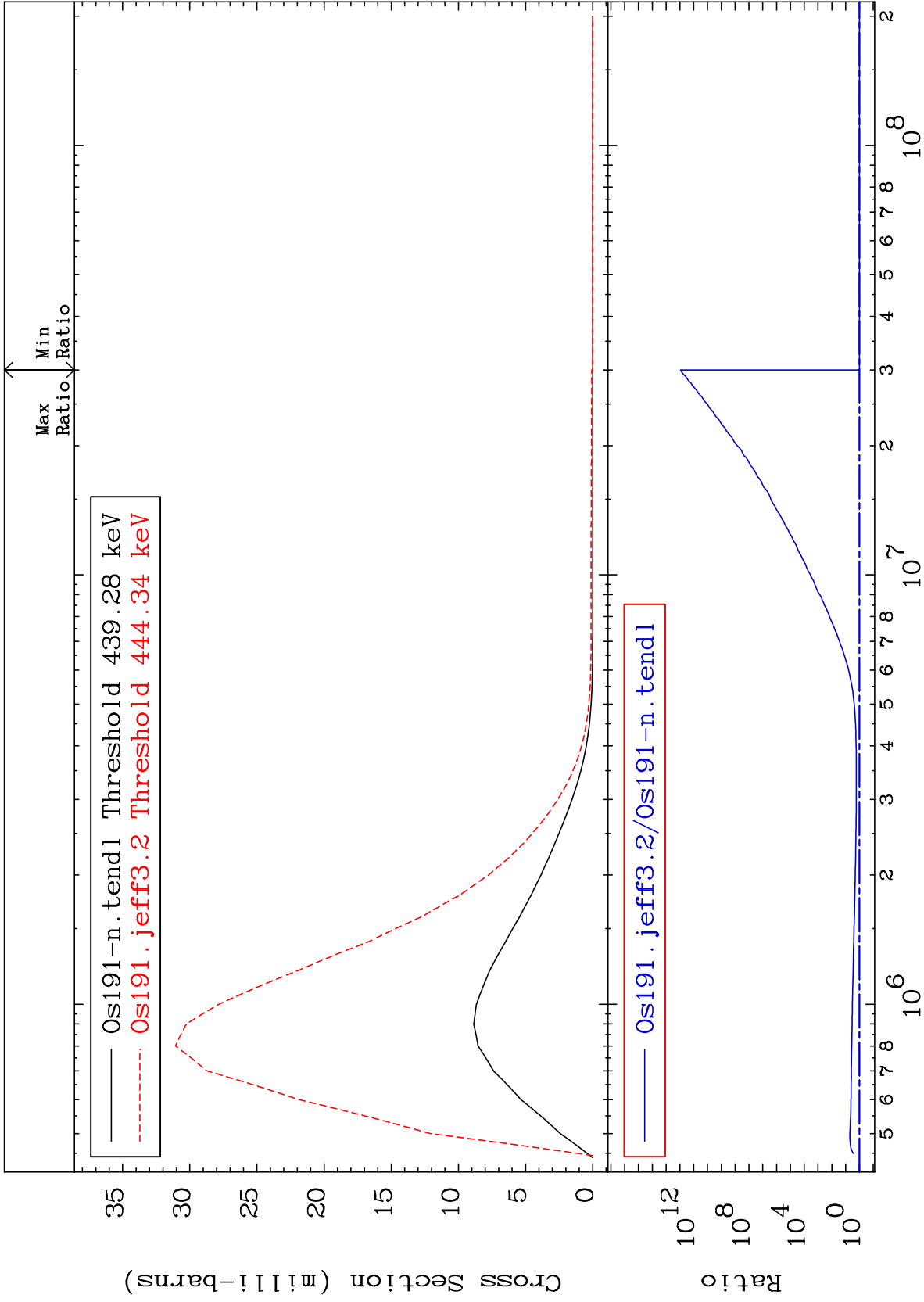




MAT 7646

437.0 keV (n,n') Level  
Cross Section

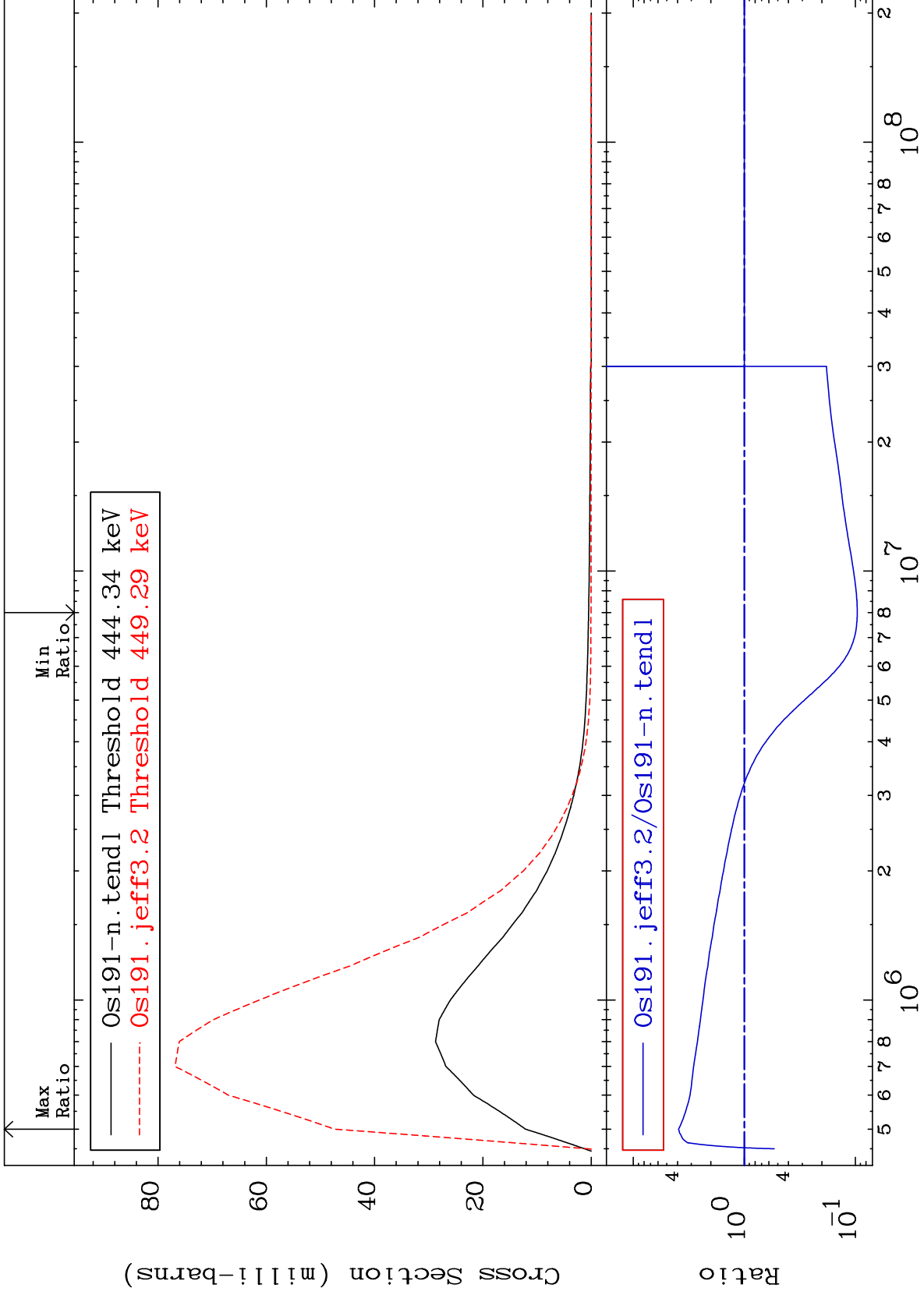
76-Os-191  
0.000 To 9999. %



MAT 7646

442.0 keV (n,n') Level  
Cross Section

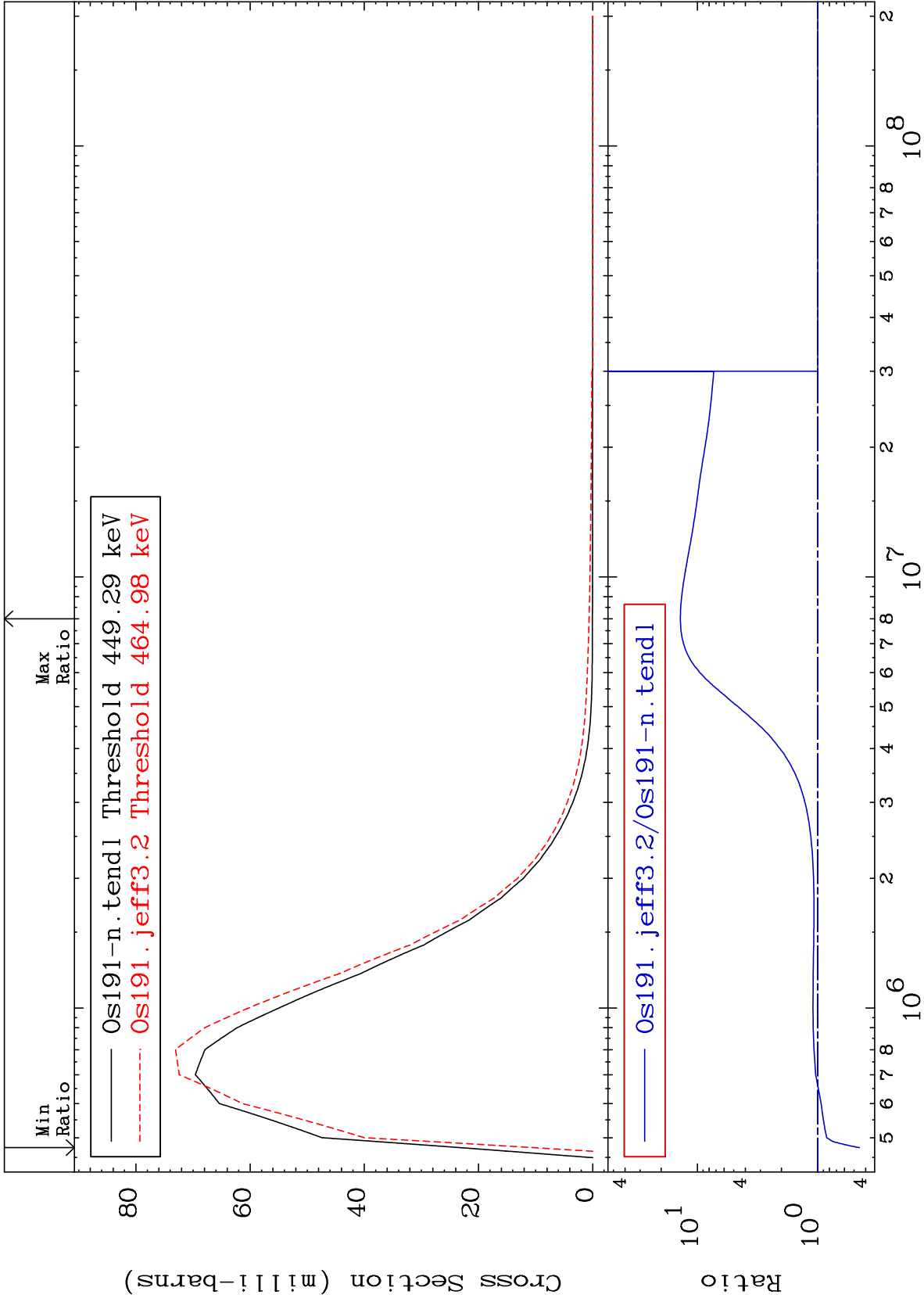
76-Os-191  
-90.40 To 290.8 %



MAT 7646

446.9 keV (n,n') Level  
Cross Section

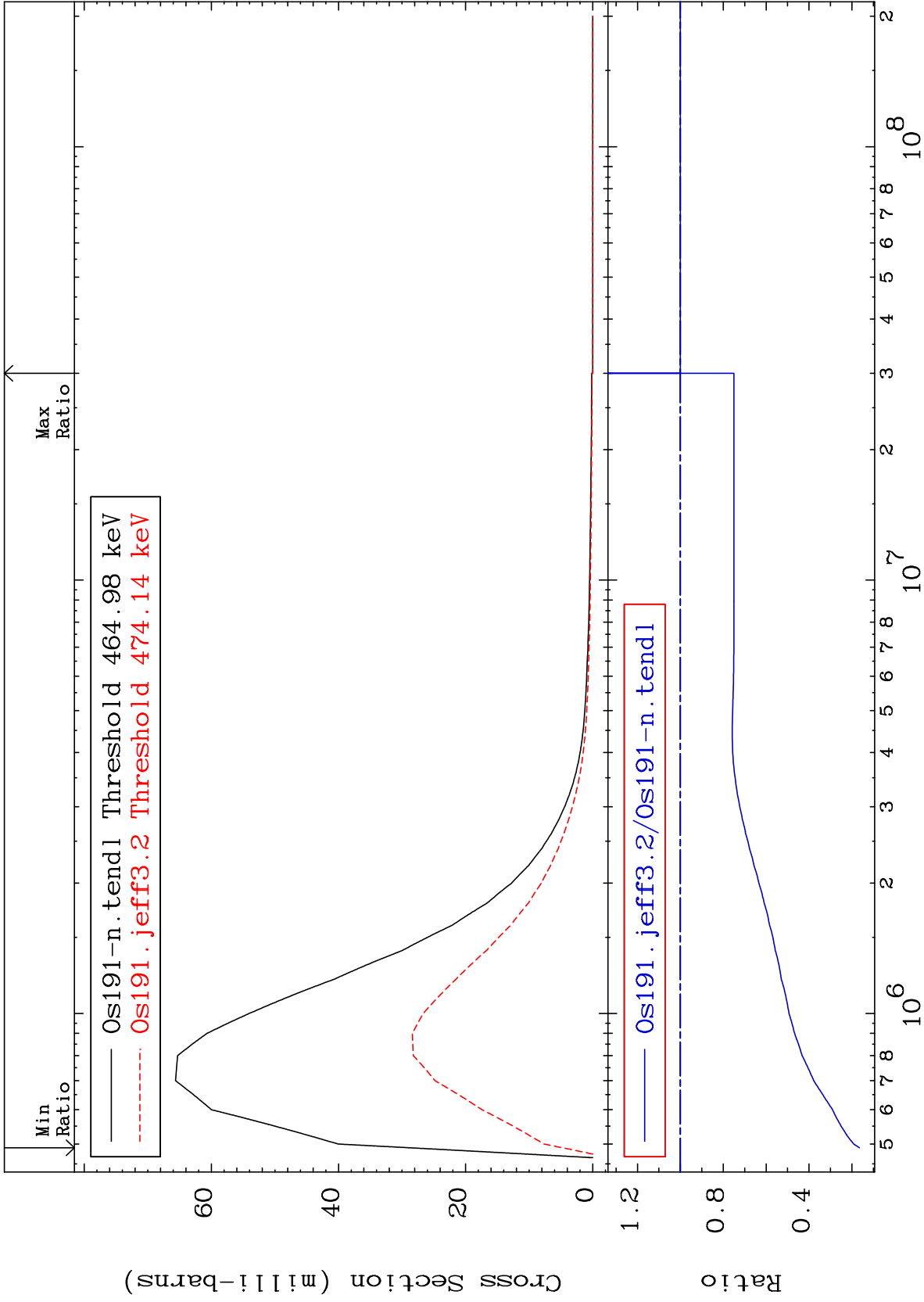
76-0s-191  
-54.94 To 1286. %



MAT 7646

462.5 keV (n,n') Level  
Cross Section

76-0s-191  
-83.51 To 0.000 %



36

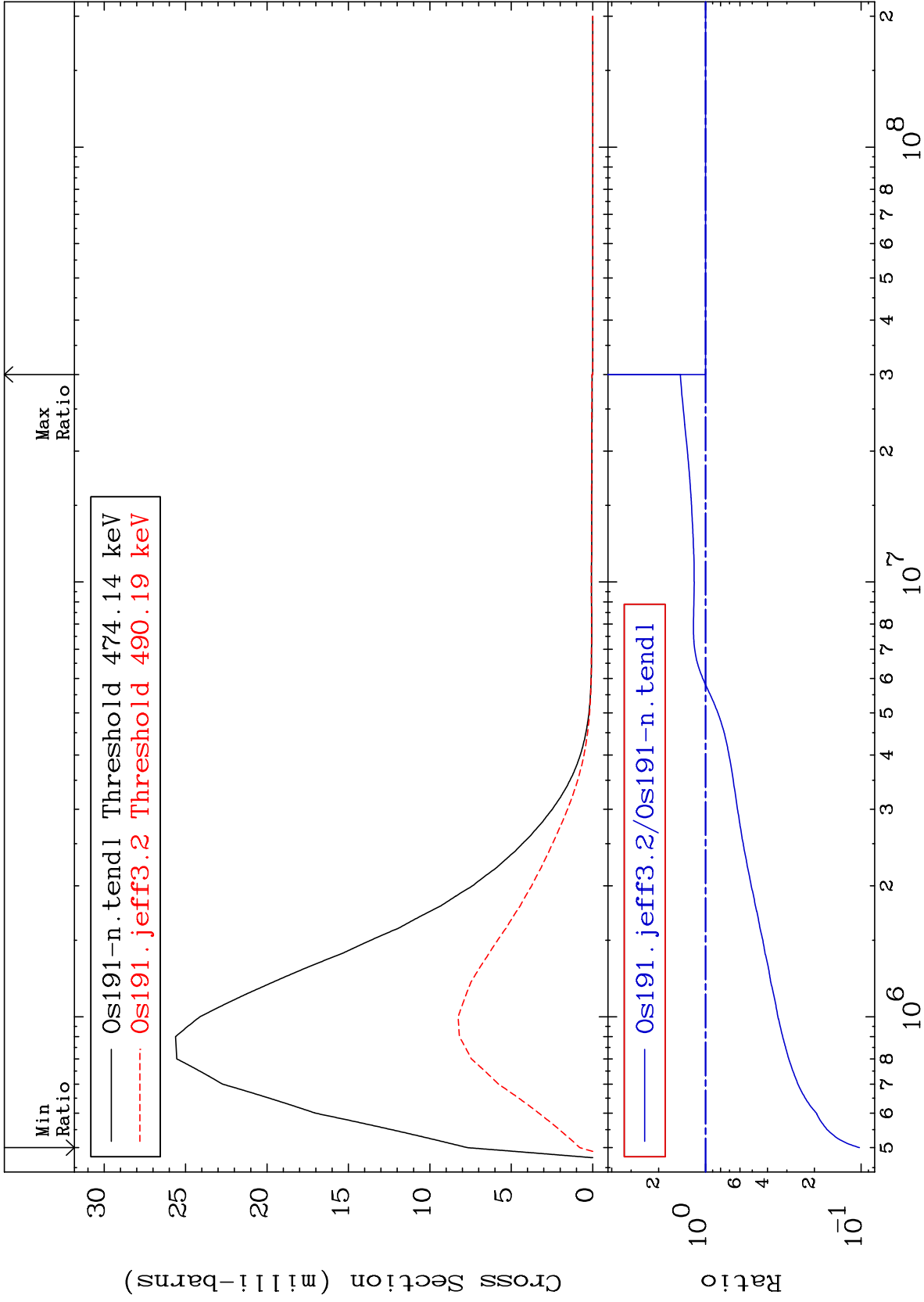
Incident Energy (eV)

76-0s-191

MAT 7646

471.7 keV (n,n') Level  
Cross Section

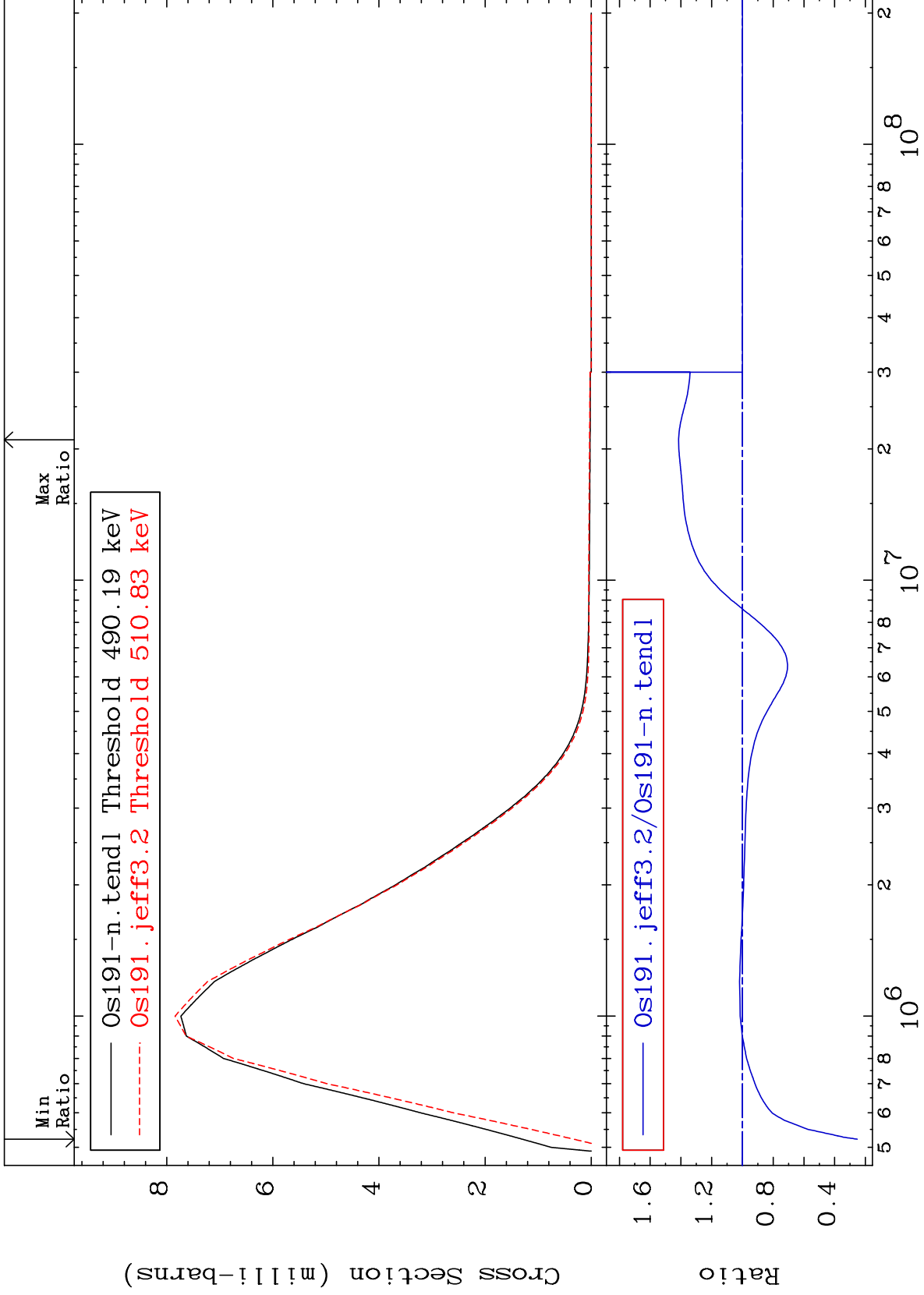
76-Os-191  
-89.74 To 44.91 %



MAT 7646

487.6 keV (n,n') Level  
Cross Section

76-0s-191  
-74.68 To 41.49 %

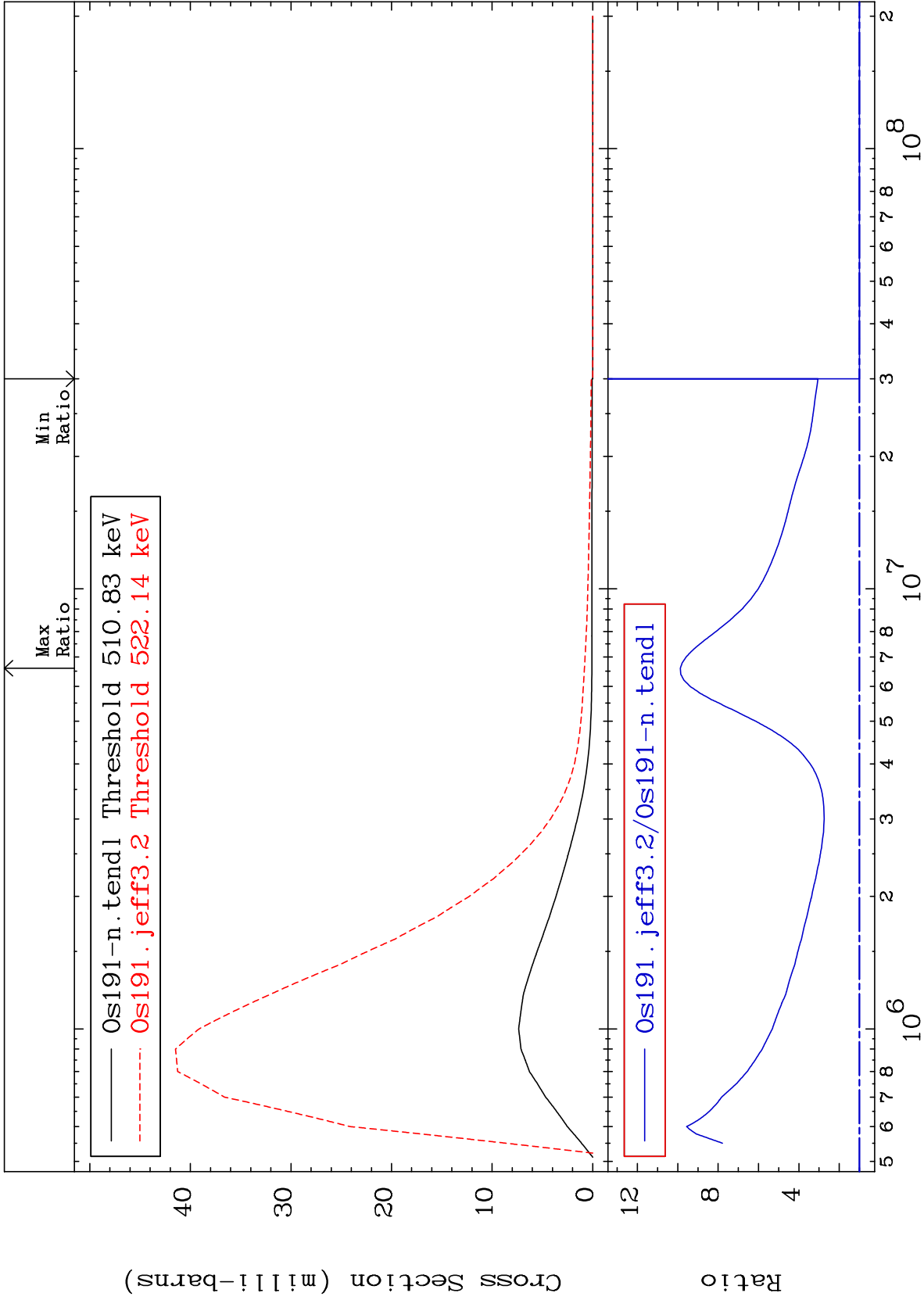


MAT 7646

508.1 keV (n,n') Level

<sup>76</sup>Os-191

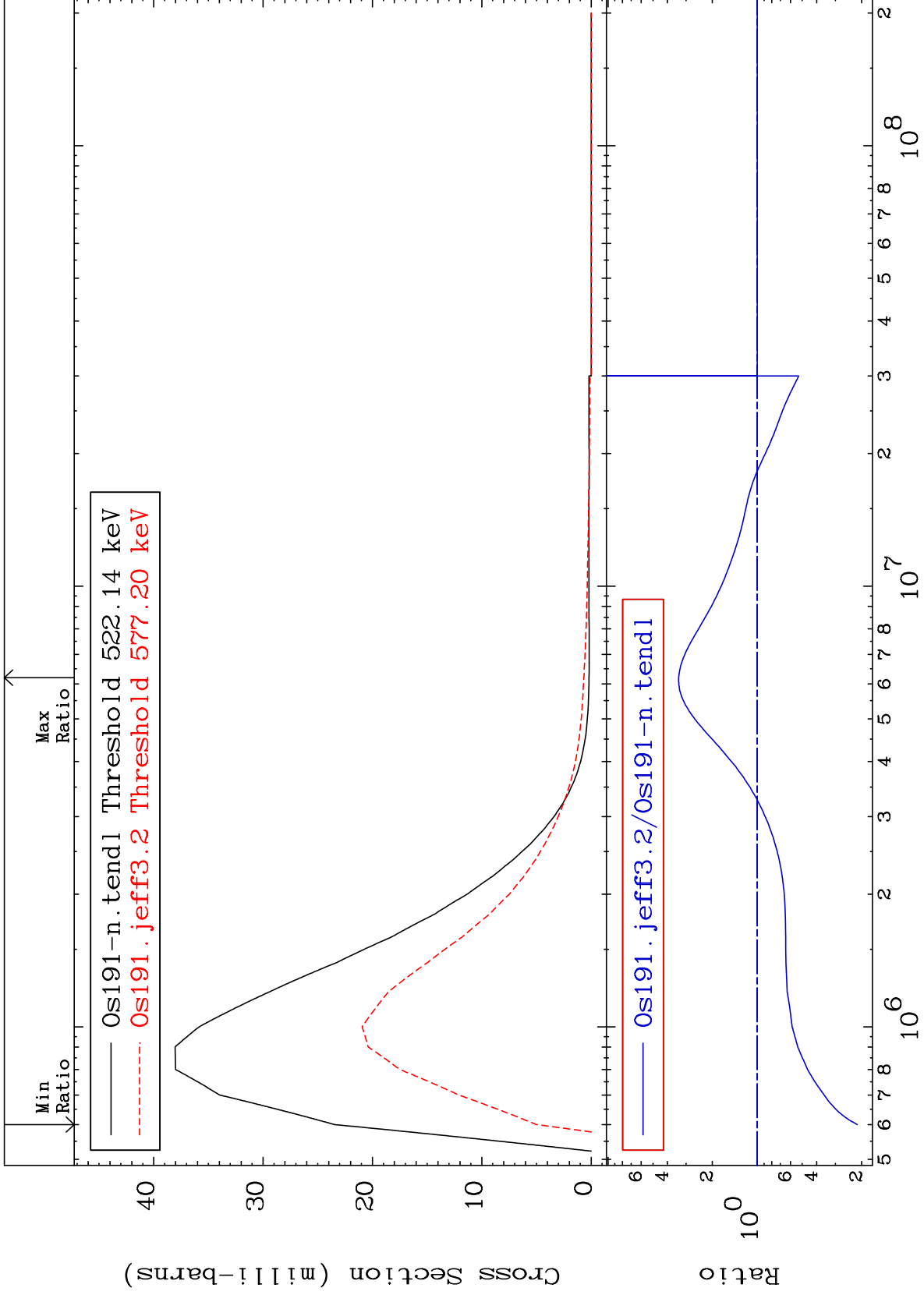
0.000 To 887.1 %



MAT 7646

519.4 keV (n,n') Level  
Cross Section

76-0s-191  
-78.61 To 236.4 %



40

Incident Energy (eV)

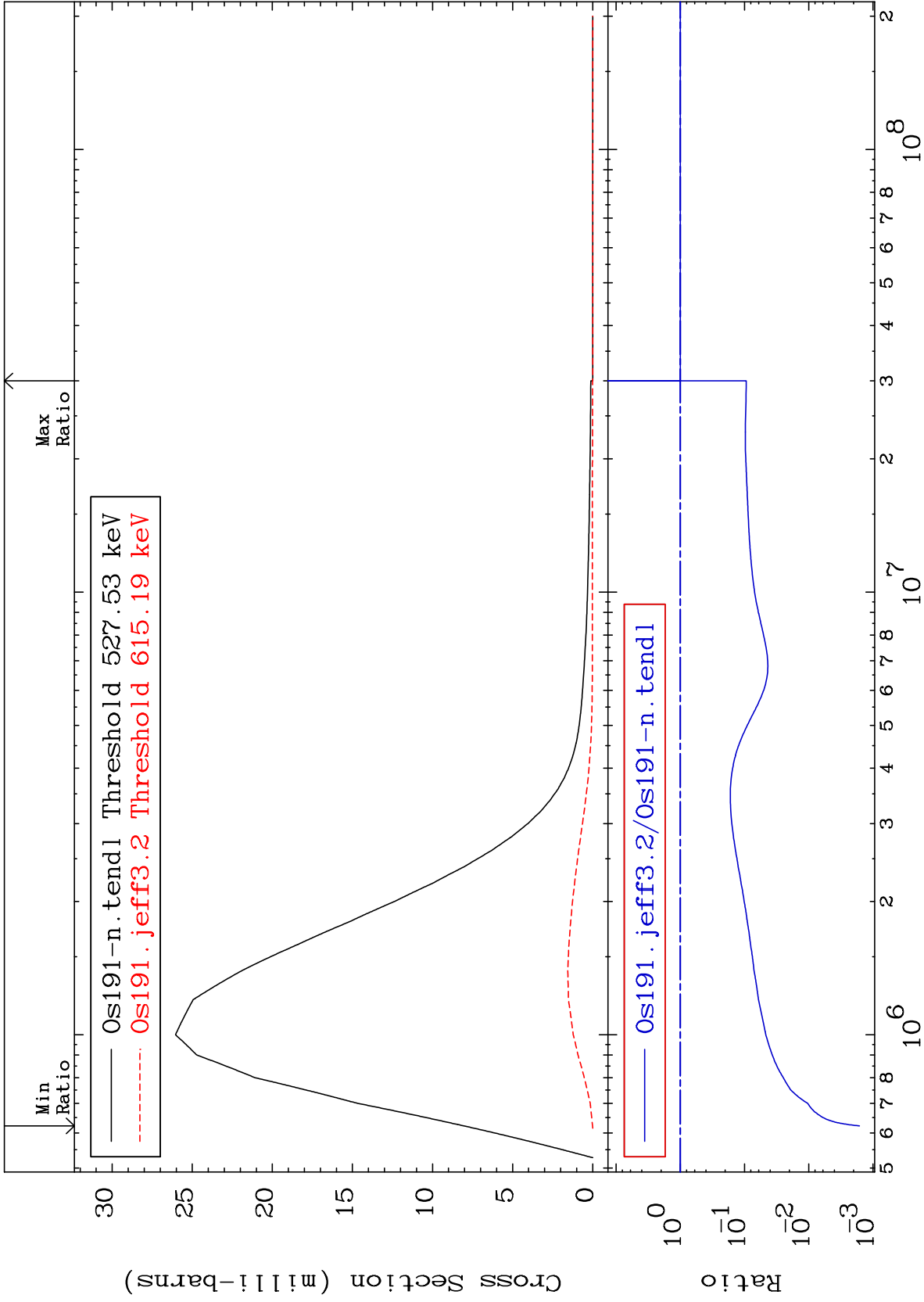
76-0s-191



MAT 7646

524.8 keV (n,n') Level  
Cross Section

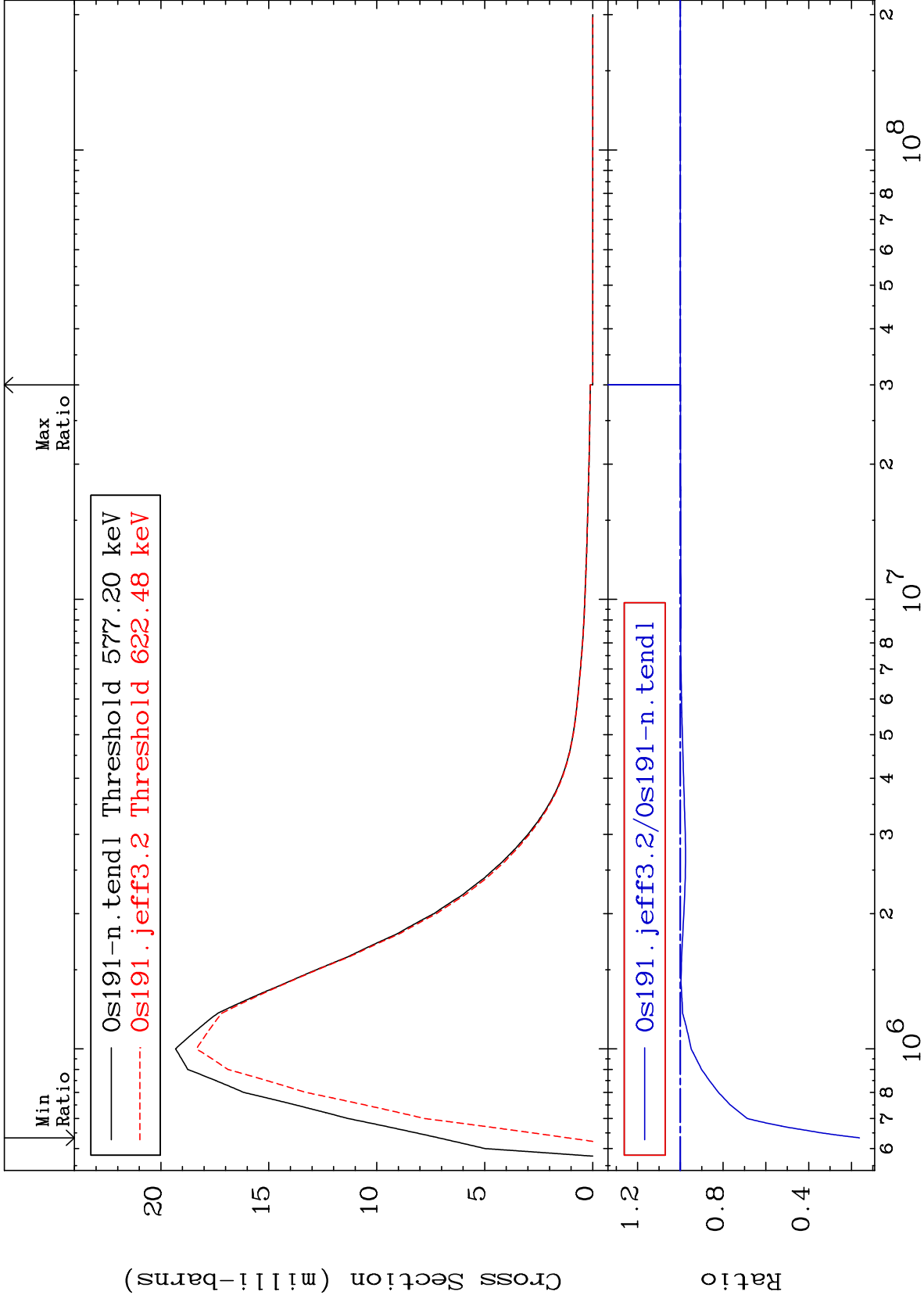
76-0s-191  
-99.84 To 0.000 %



MAT 7646

574.2 keV (n,n') Level  
Cross Section

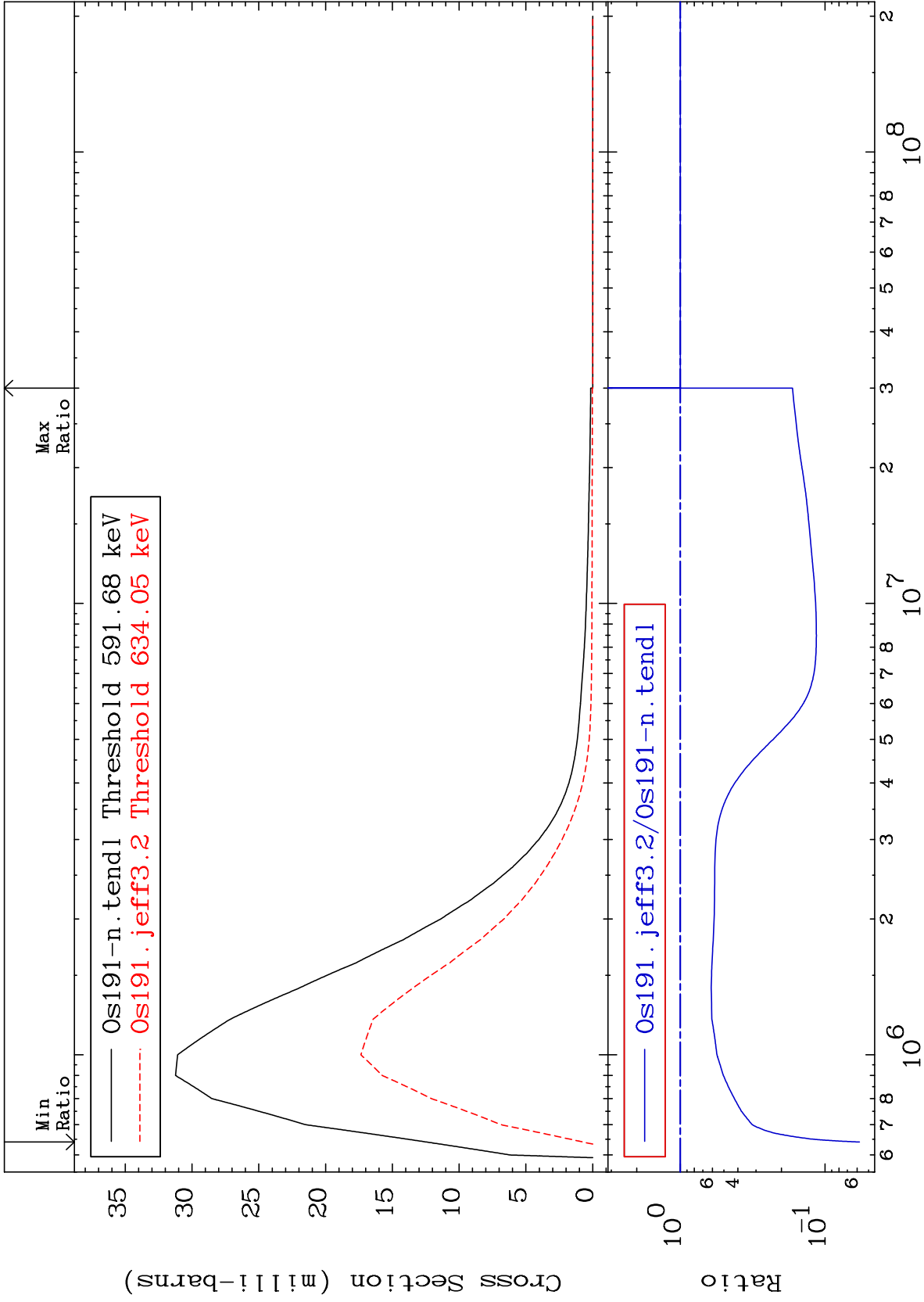
76-0s-191  
-83.74 To 0.000 %



MAT 7646

588.6 keV (n,n') Level  
Cross Section

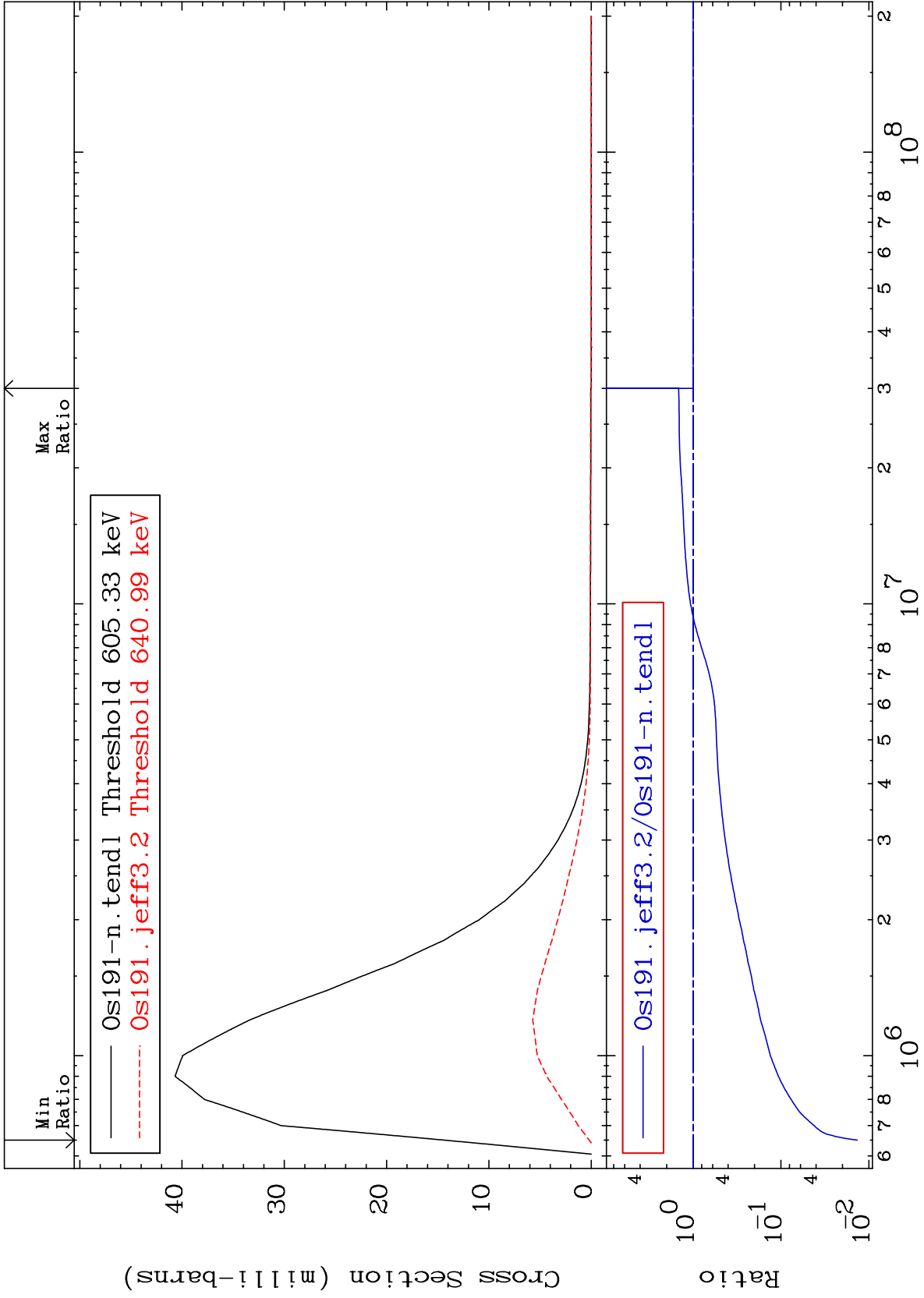
76-0s-191  
-94.22 To 0.000 %



MAT 7646

602.2 keV (n,n') Level  
Cross Section

76-0s-191  
-98.64 To 46.07 %

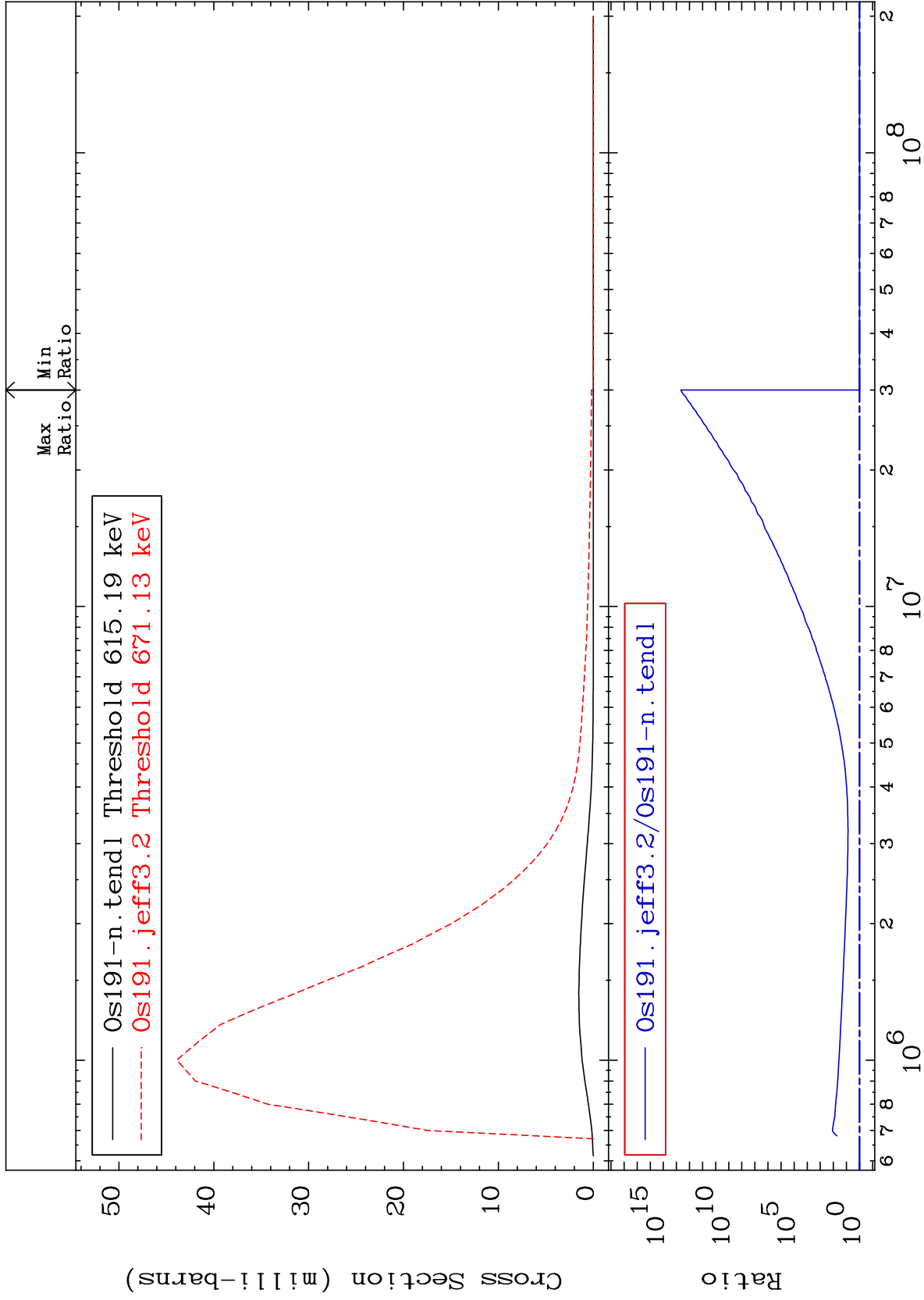


MAT 7646

612.0 keV (n,n') Level

76-Os-191

Cross Section  
0.000 To 9999. %



45

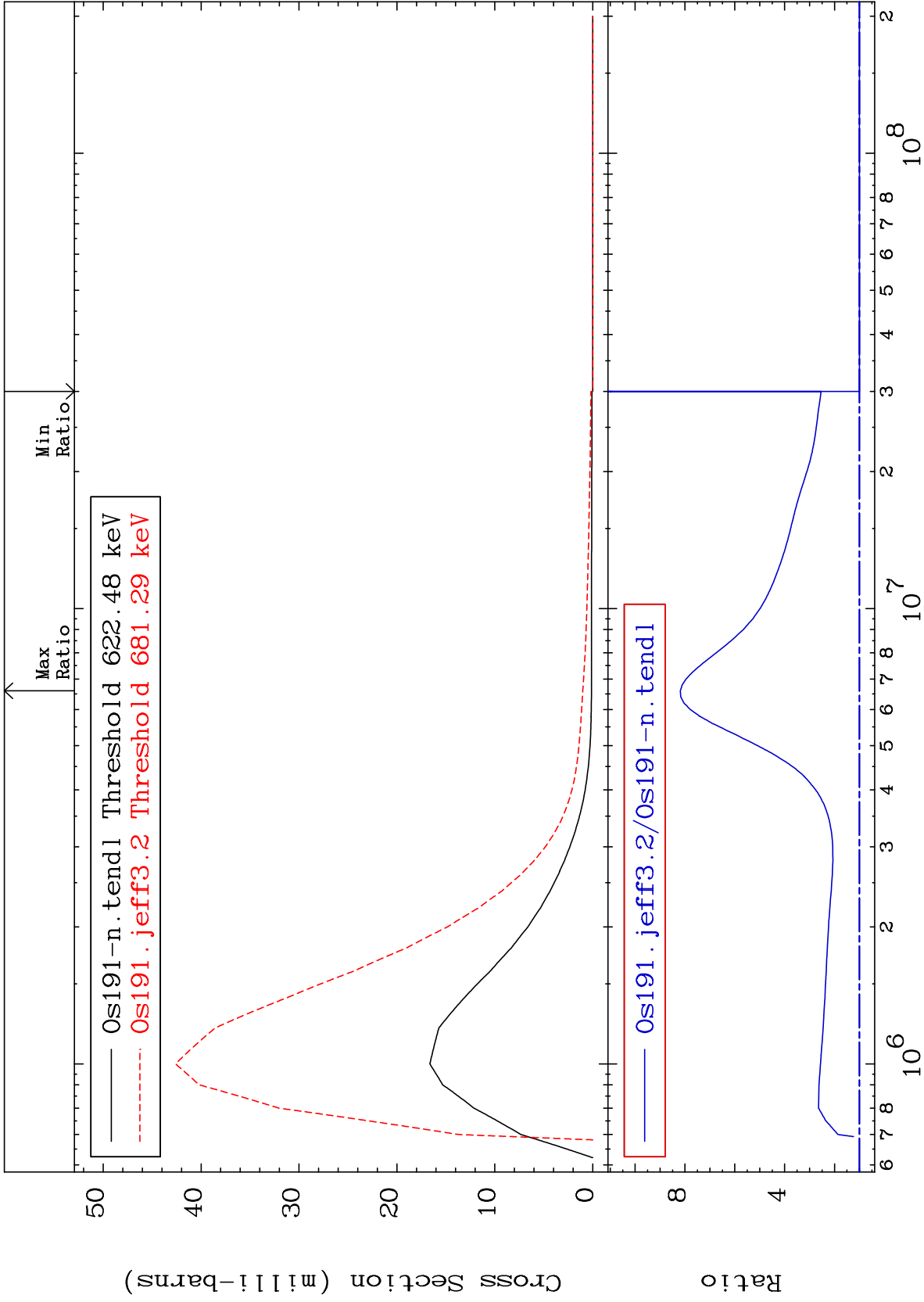
Incident Energy (eV)

76-Os-191

MAT 7646

619.2 keV (n,n') Level  
Cross Section

76-Os-191  
0.000 To 718.6 %



46

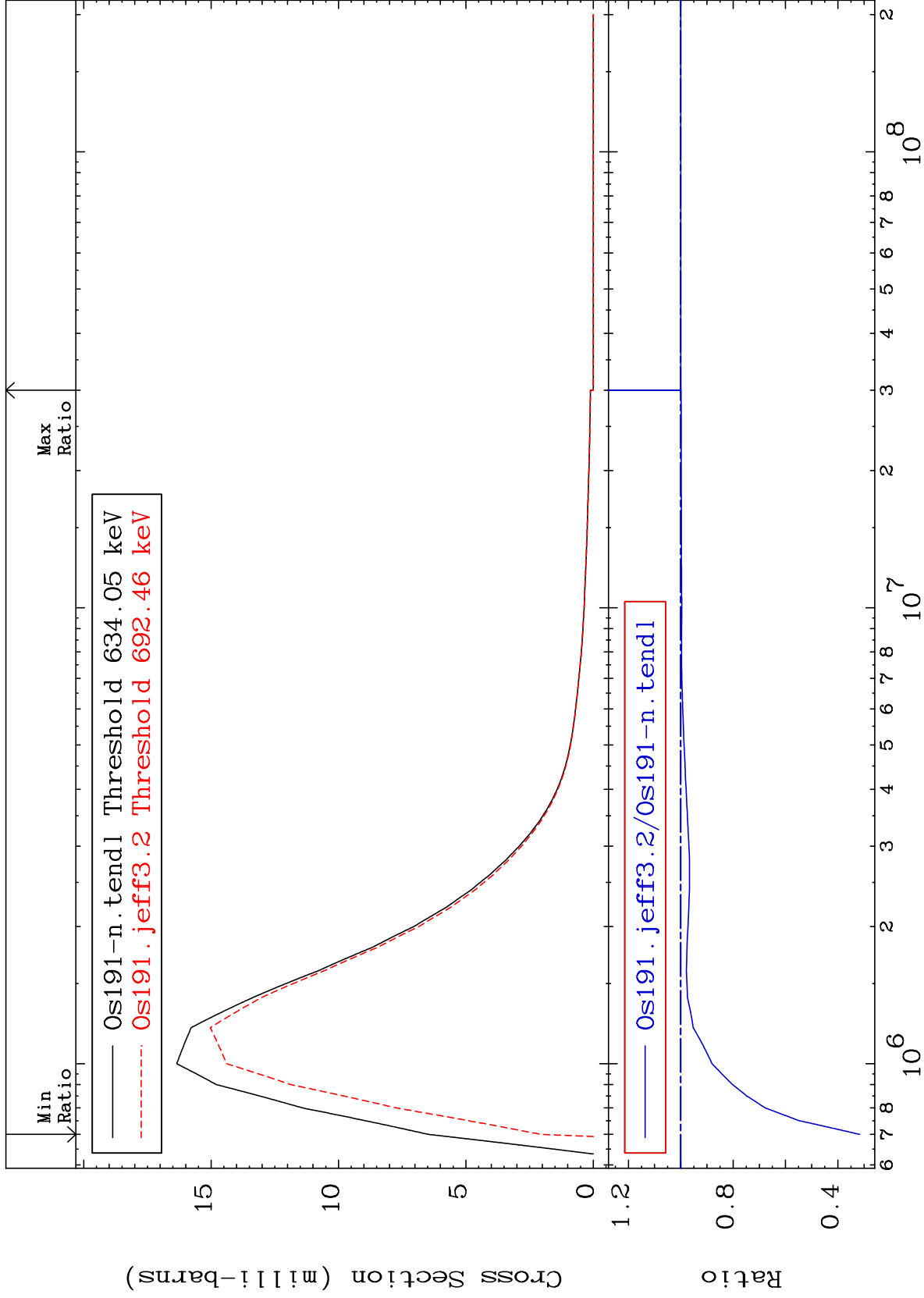
Incident Energy (eV)

76-Os-191

MAT 7646

630.7 keV (n,n') Level  
Cross Section

76-0s-191  
-68.28 To 0.000 %



47

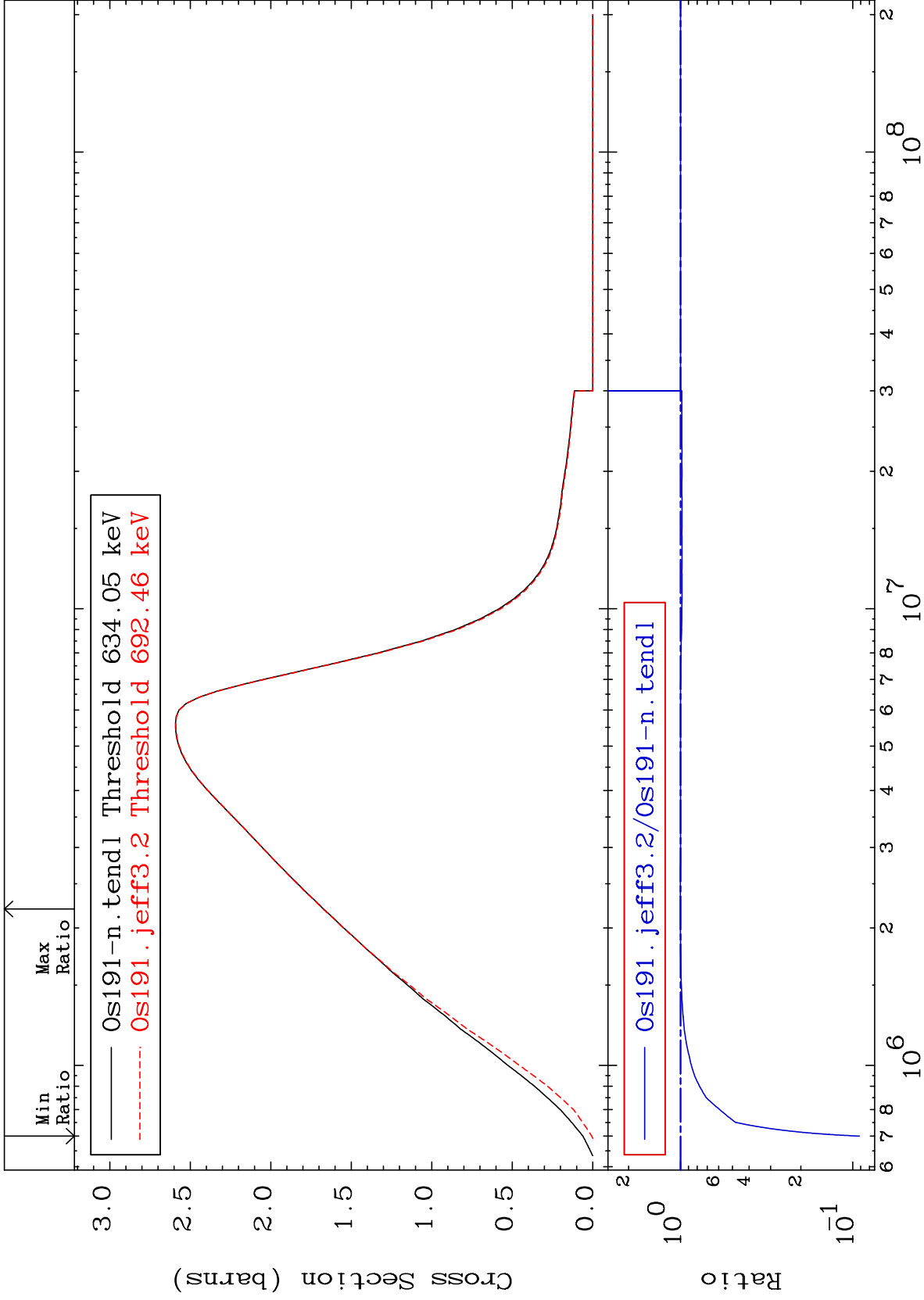
Incident Energy (eV)

76-0s-191

MAT 7646

(n, n') Continuum  
Cross Section

76-0s-191  
-90.85 To 0.142 %

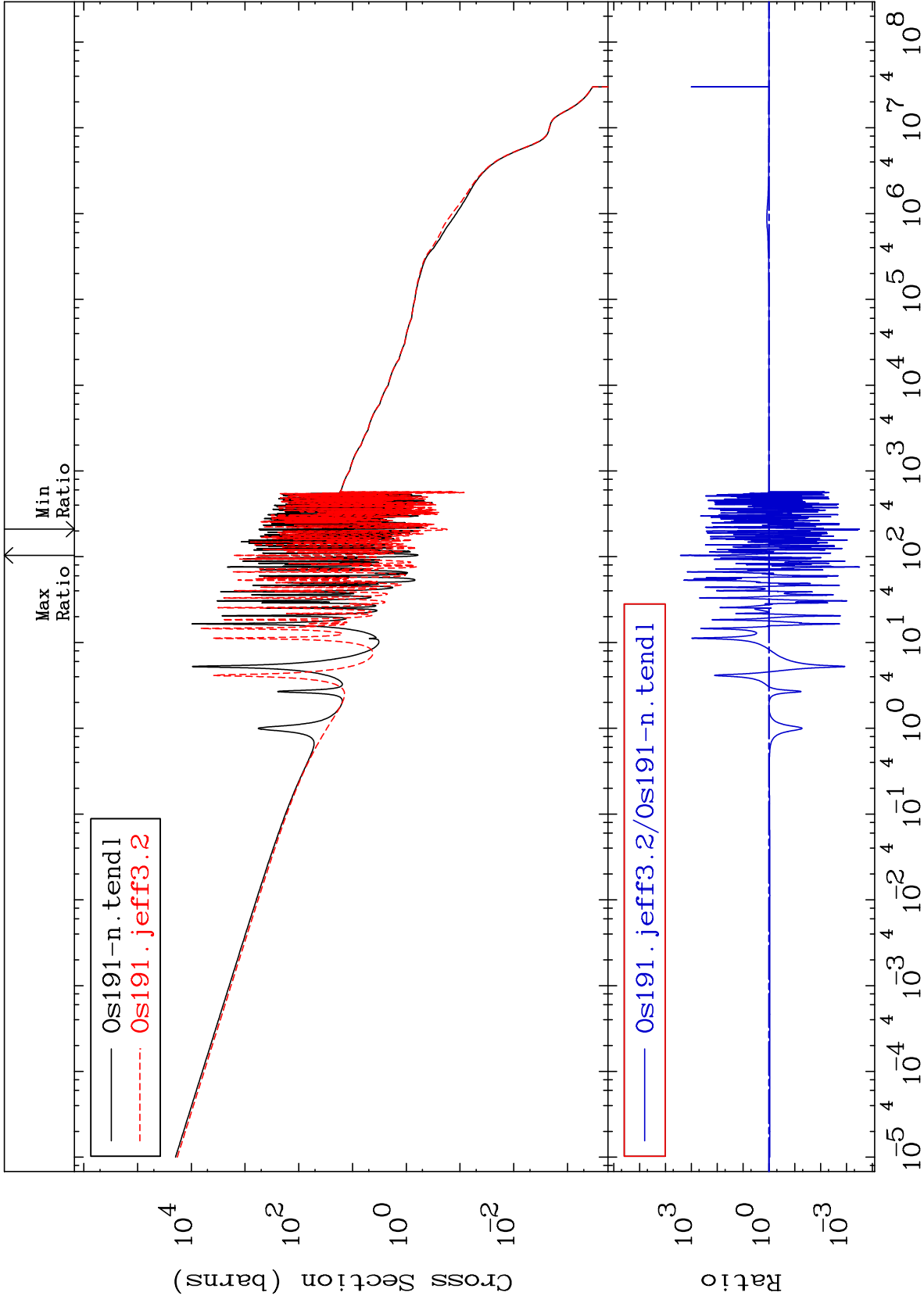




MAT 7646

(n,  $\gamma$ )  
Cross Section

76-0s-191  
-99.97 To 9999. %



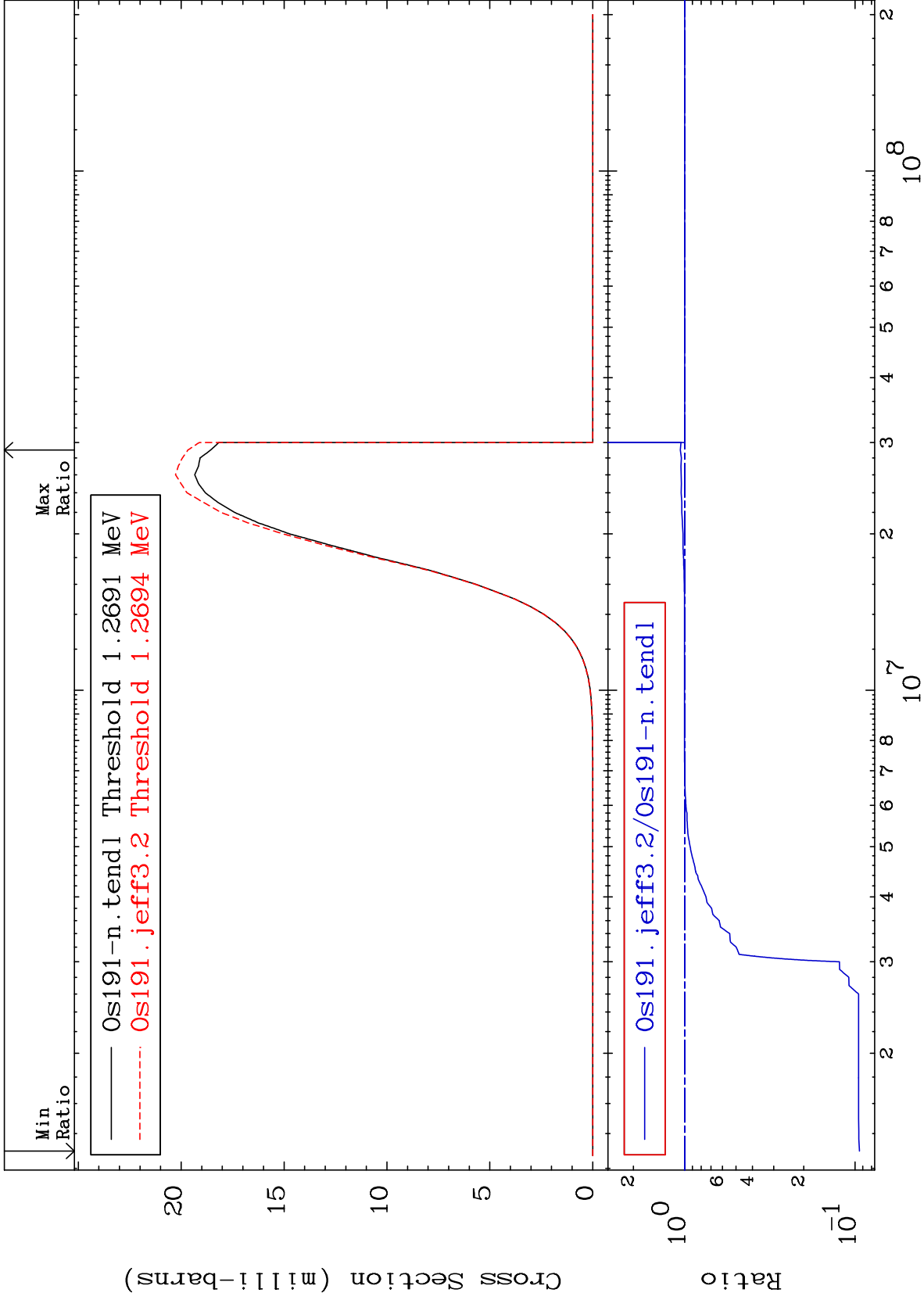
MAT 7646

(n,p)

76-Os-191

Cross Section

-90.58 To 5.930 %



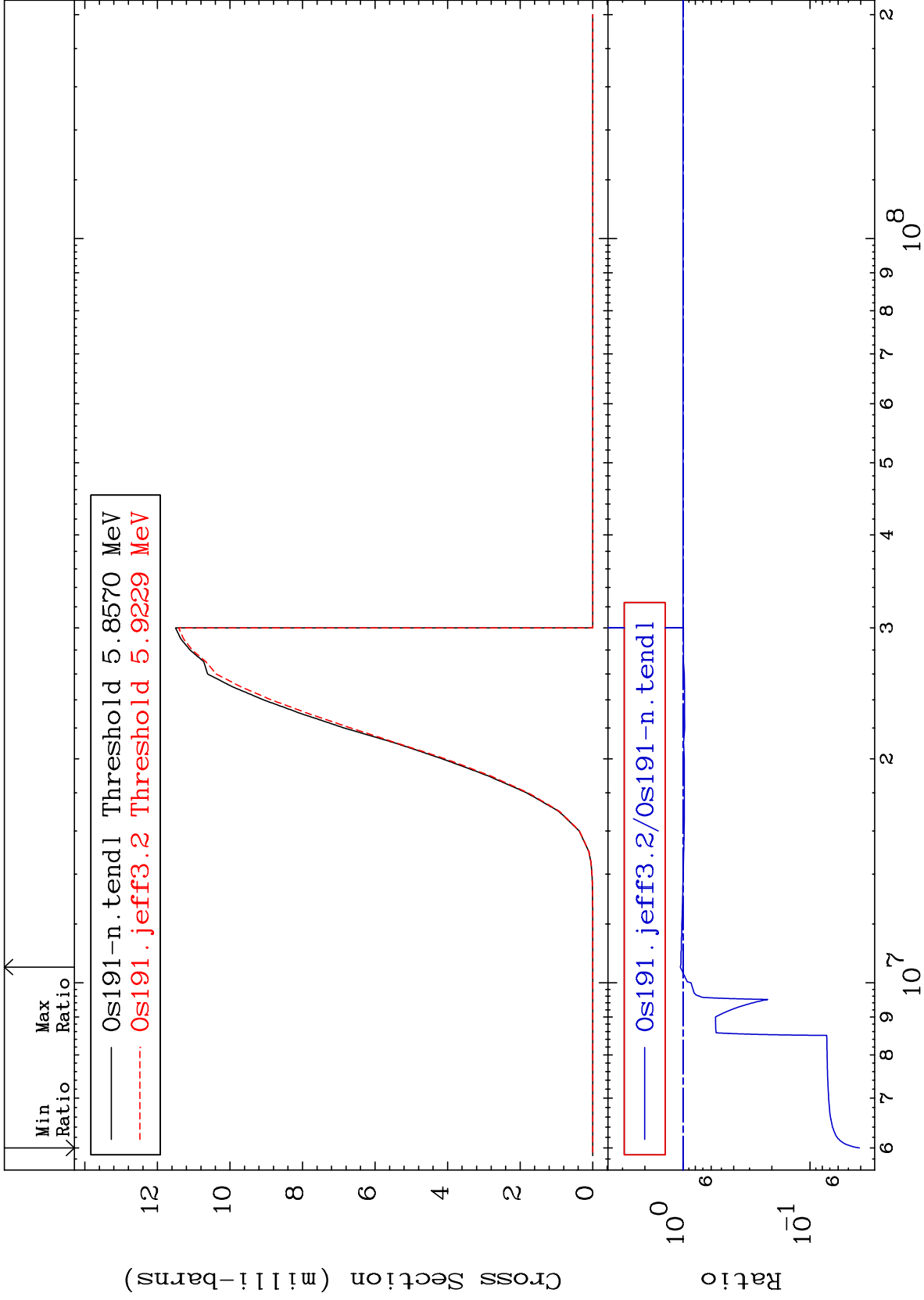
MAT 7646

(n, d)

76-0s-191

Cross Section

-95.92 To 5.110 %



51

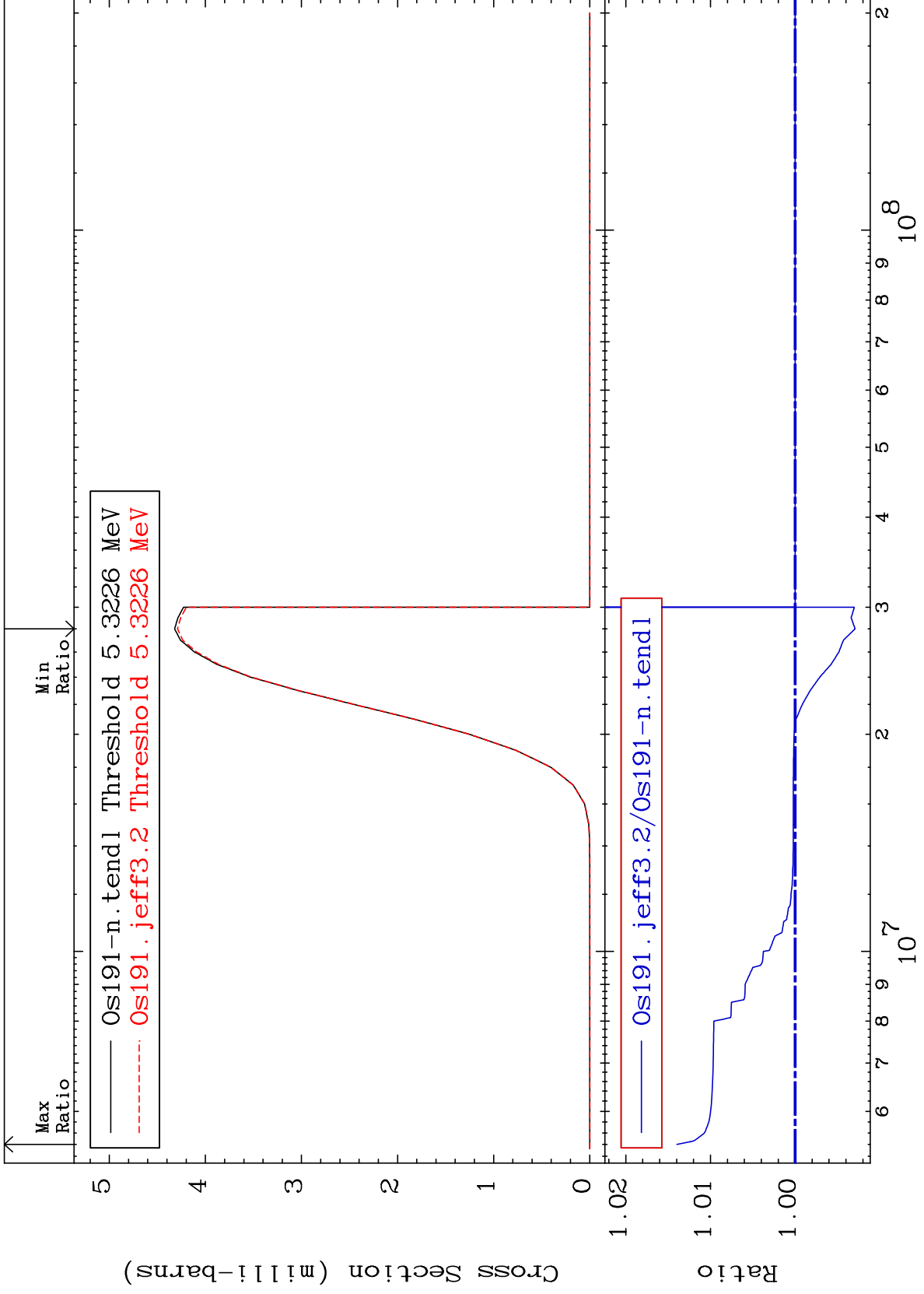
Incident Energy (eV)

76-0s-191

MAT 7646

(n, t)  
Cross Section

76-0s-191  
-0.707 To 1.396 %



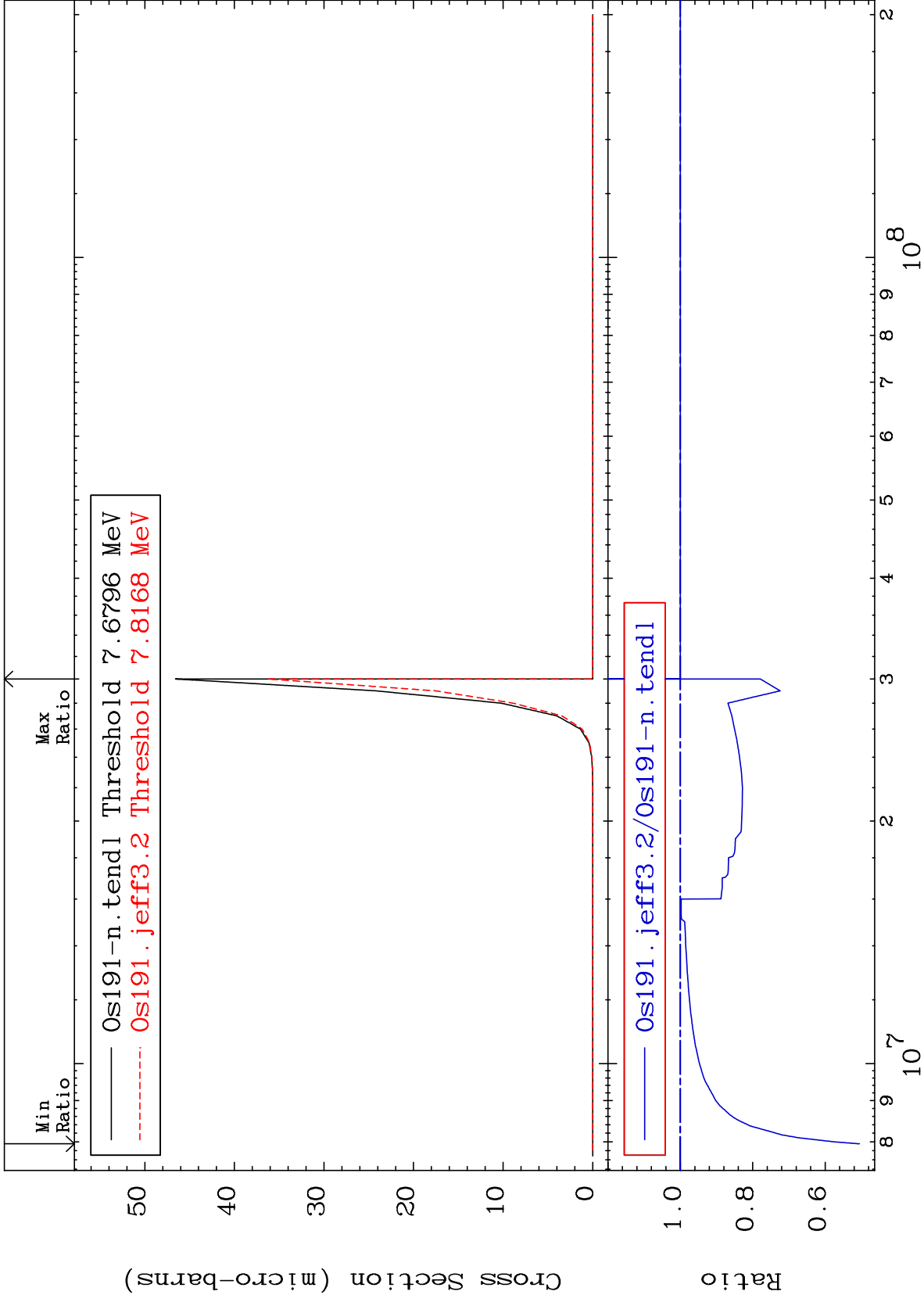
MAT 7646

(n, He-3)

76-0s-191

Cross Section

-49.46 To 0.000 %



53

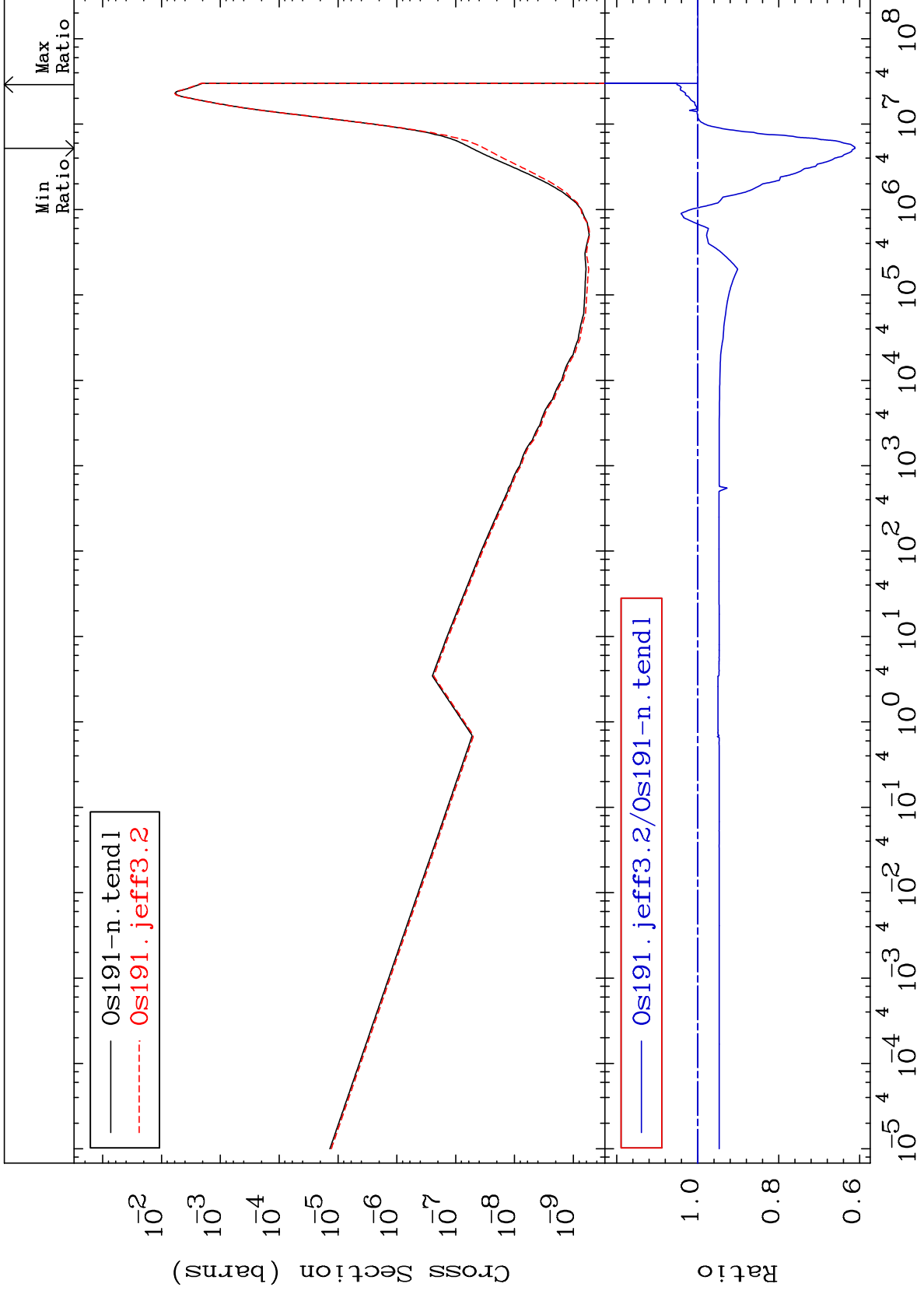
Incident Energy (eV)

76-0s-191

MAT 7646

(n,  $\alpha$ )  
Cross Section

76-0s-191  
-38.86 To 5.139 %



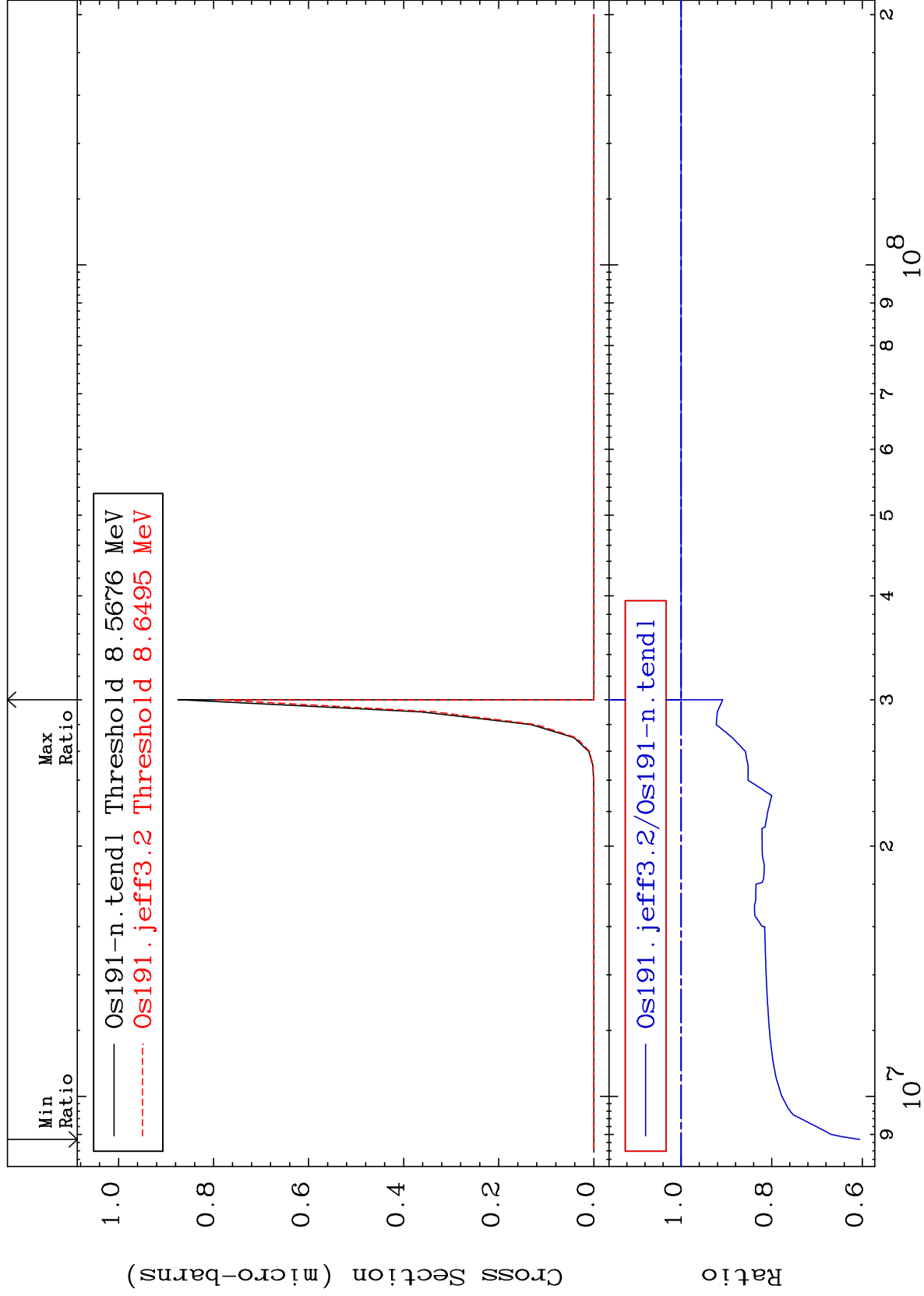
MAT 7646

(n,2p)

76-0s-191

Cross Section

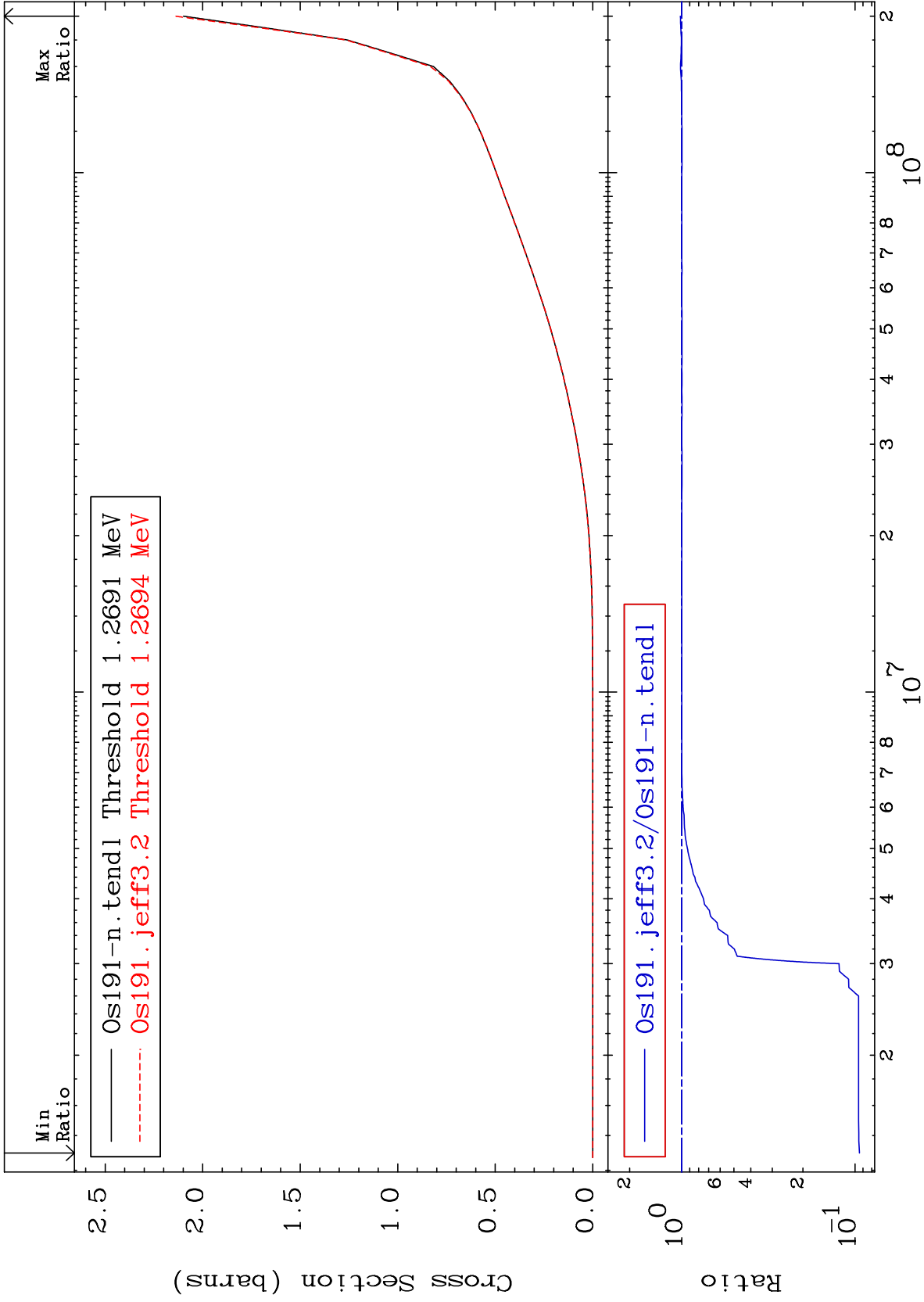
-39.42 To 0.000 %



55

Incident Energy (eV)

76-0s-191

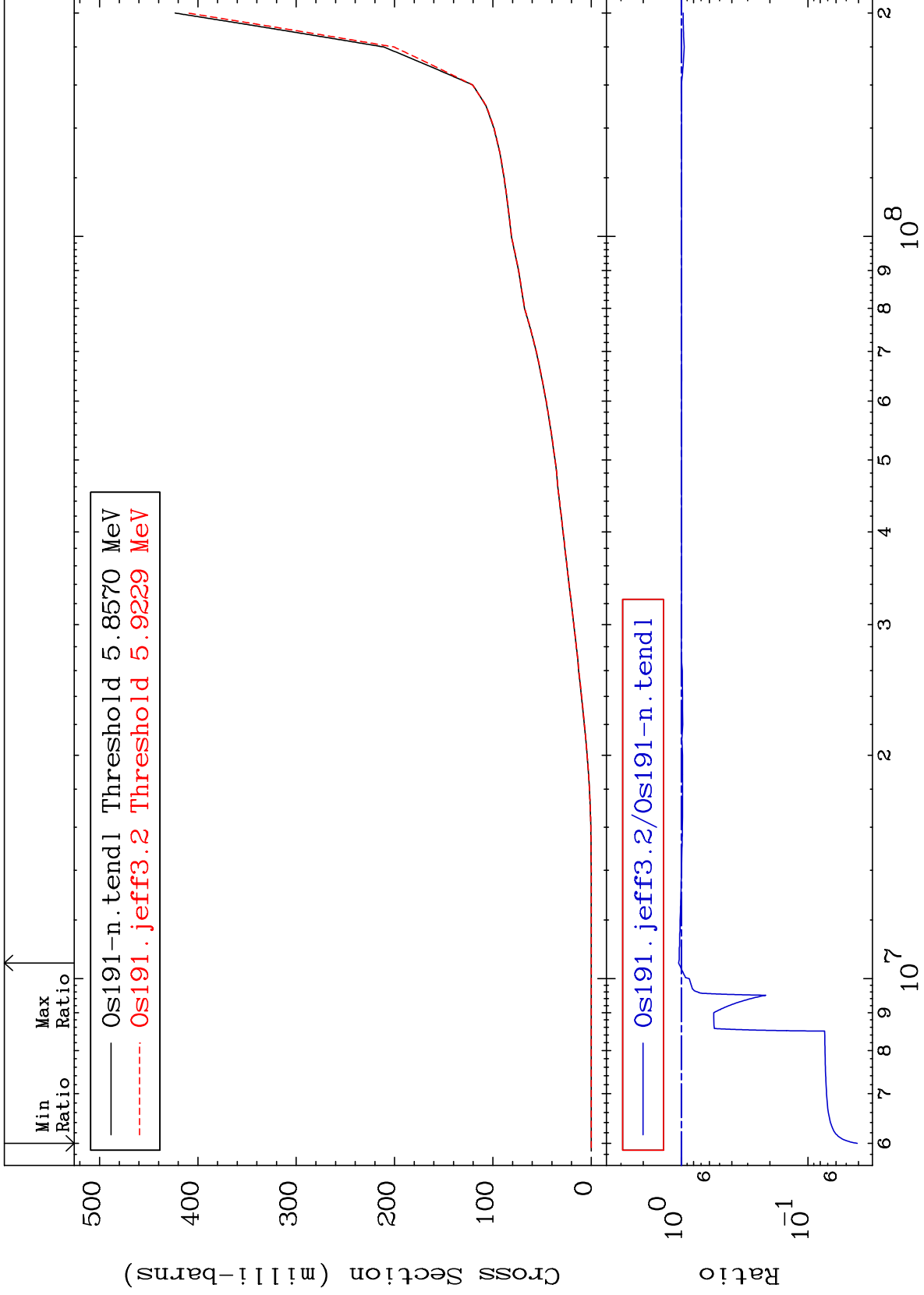




MAT 7646

Deuterium Production  
Cross Section

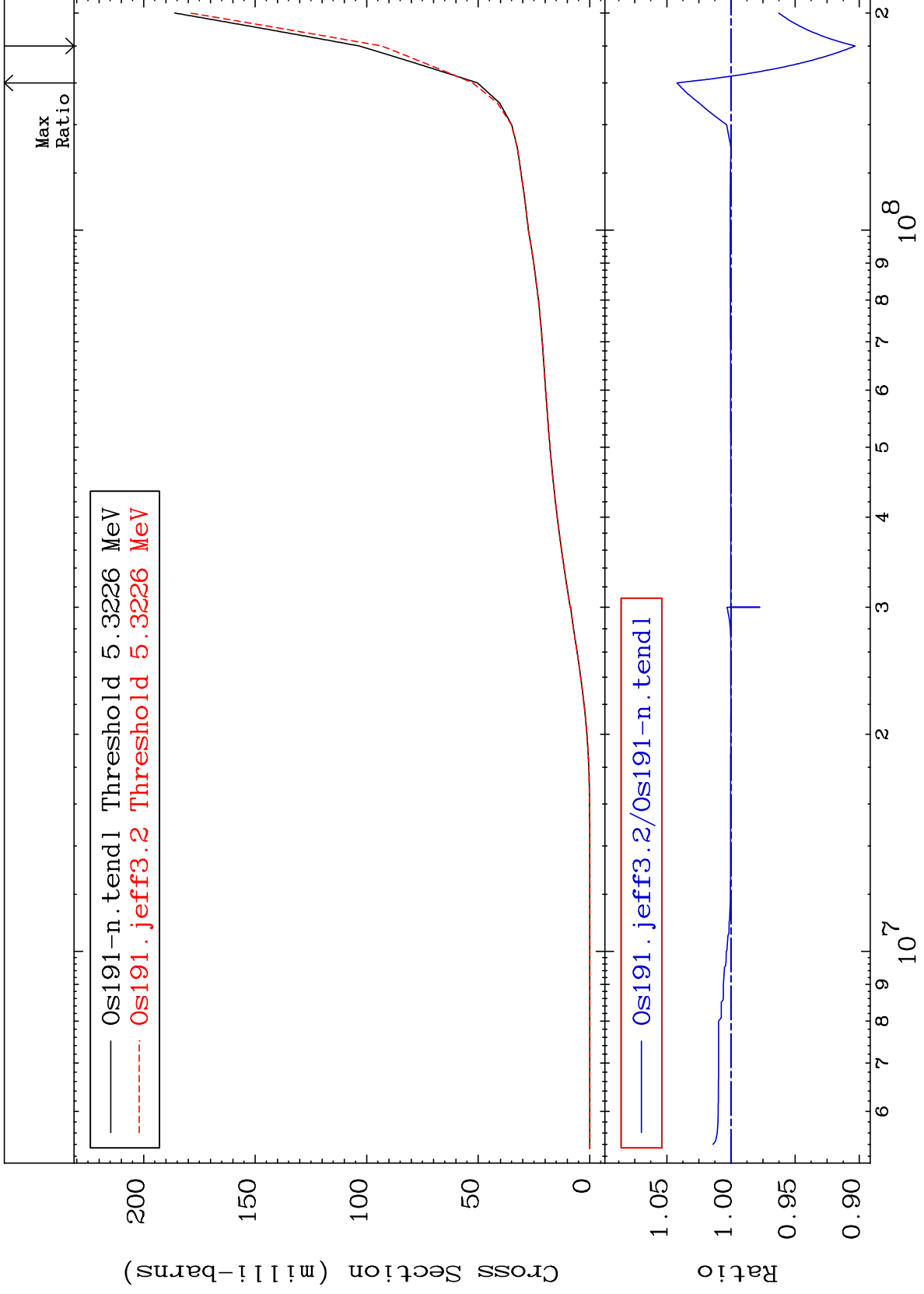
76-0s-191  
-95.92 To 5.110 %



MAT 7646

Tritium Production  
Cross Section

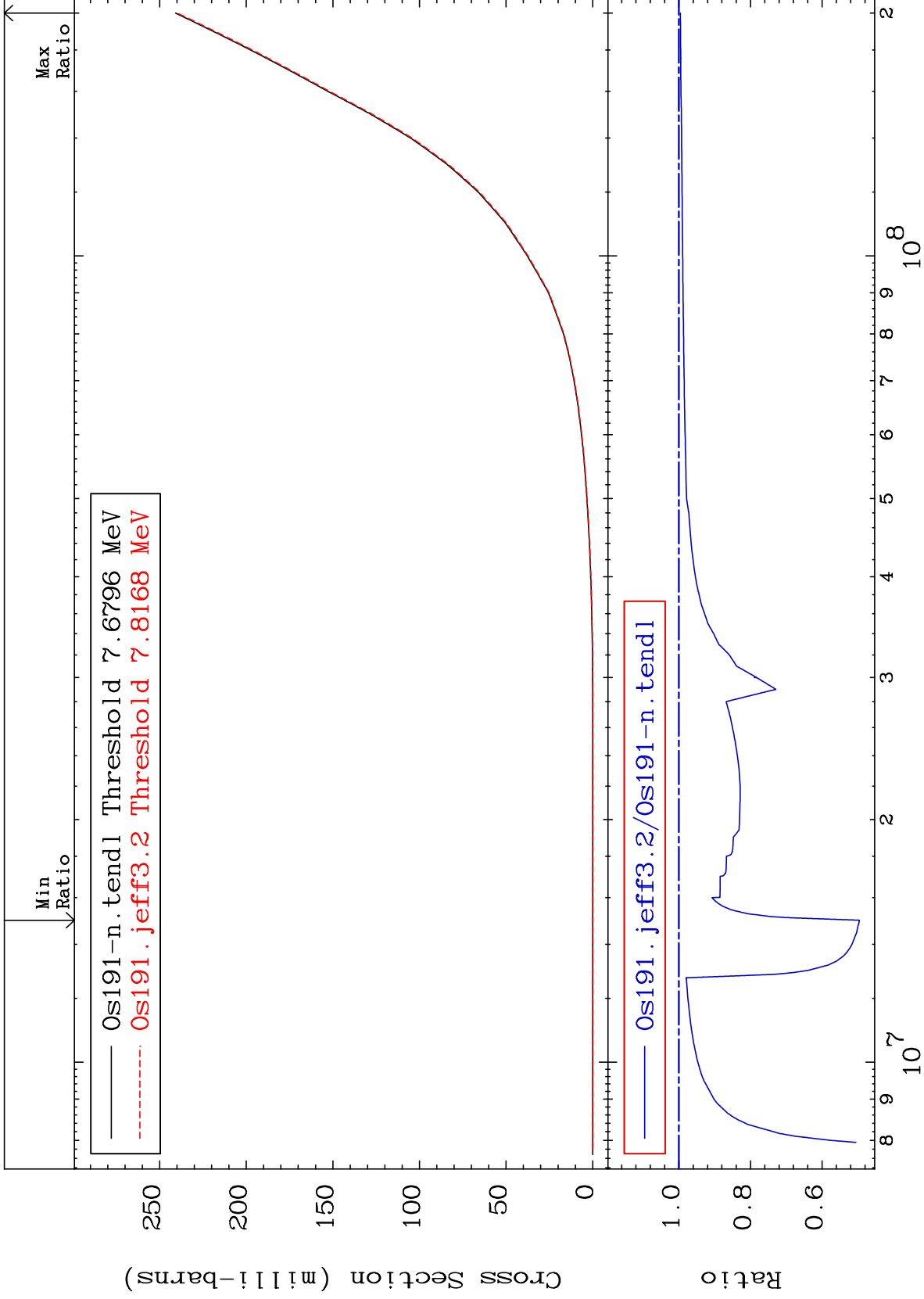
76-0s-191  
-9.680 To 4.213 %



MAT 7646

He-3 Production  
Cross Section

76-0s-191  
-50.44 To -0.406%



59

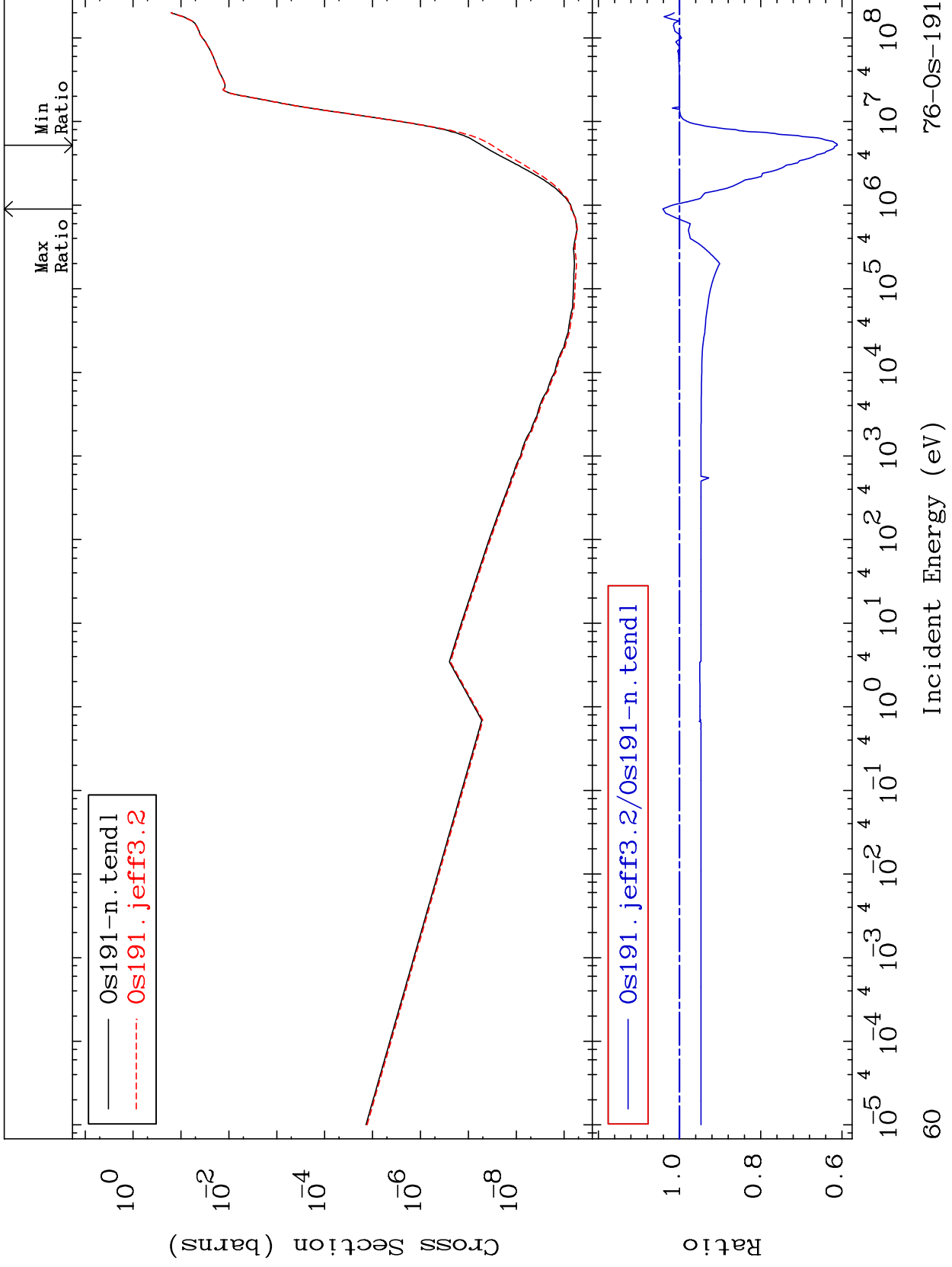
Incident Energy (eV)

76-0s-191

MAT 7646

He-4 Production  
Cross Section

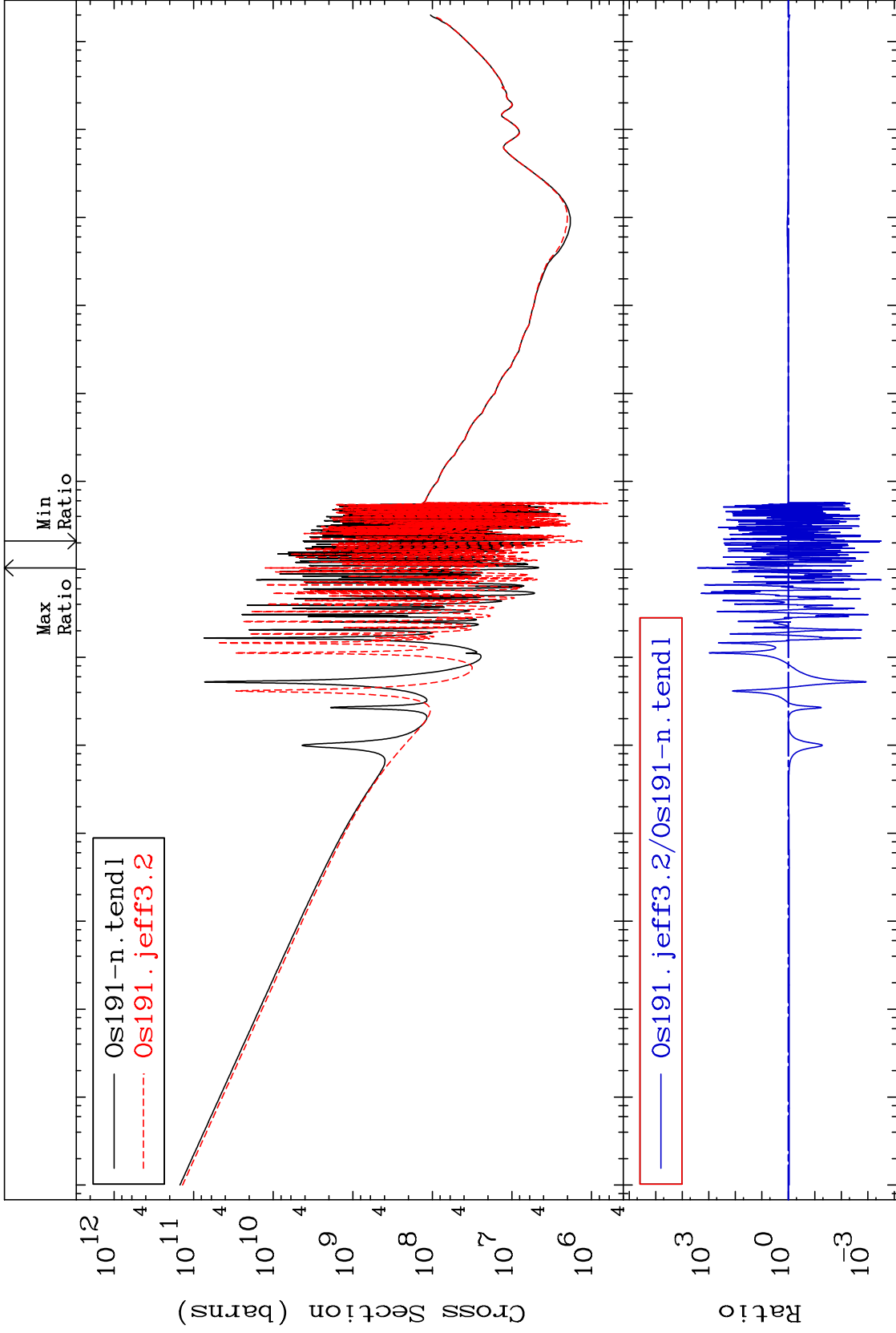
76-0s-191  
-38.86 To 4.115 %



60

Incident Energy (eV)

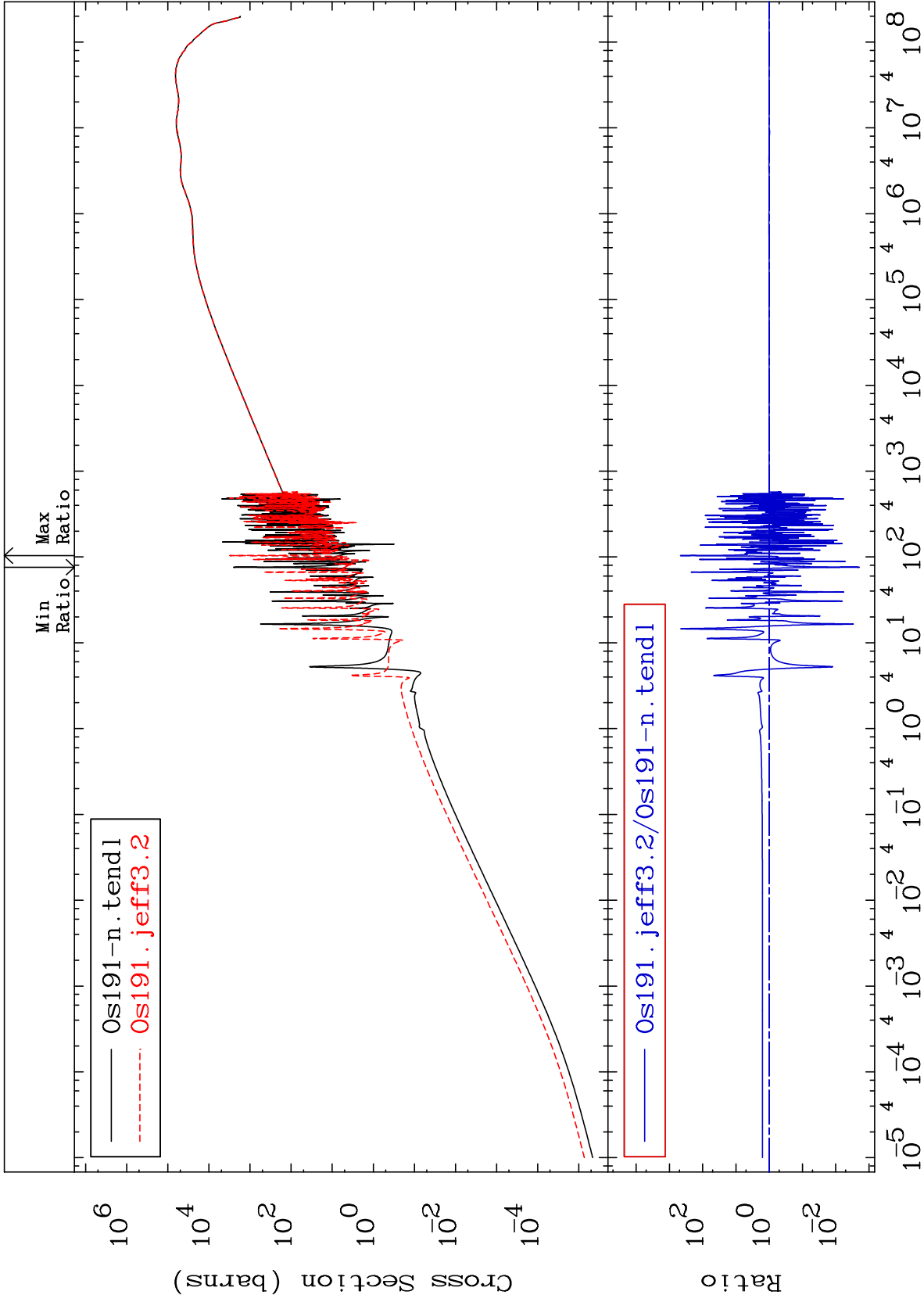
76-0s-191



MAT 7646

Kerma elastic  
Cross Section

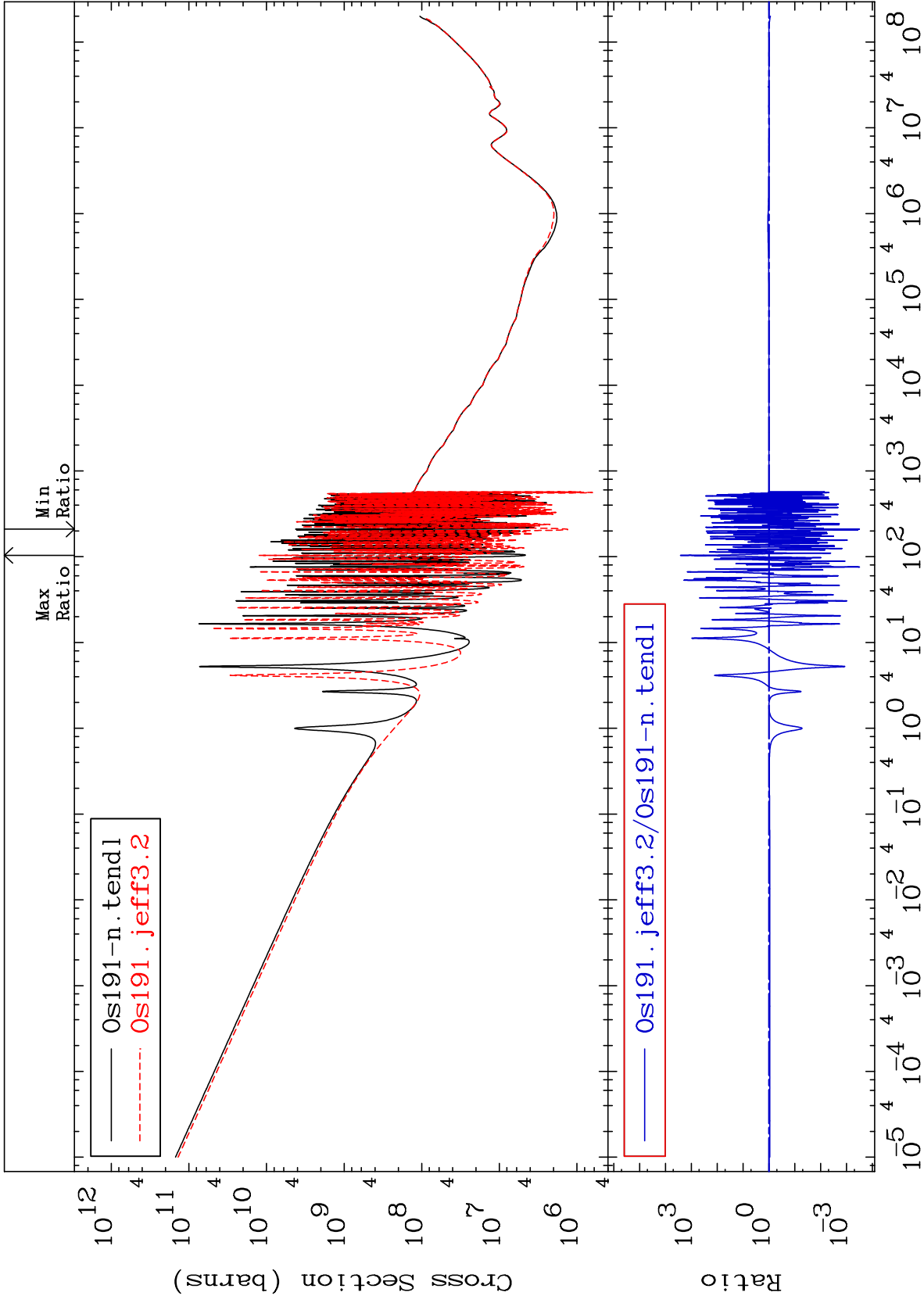
76-0s-191  
-99.81 To 9999. %



62

Incident Energy (eV)

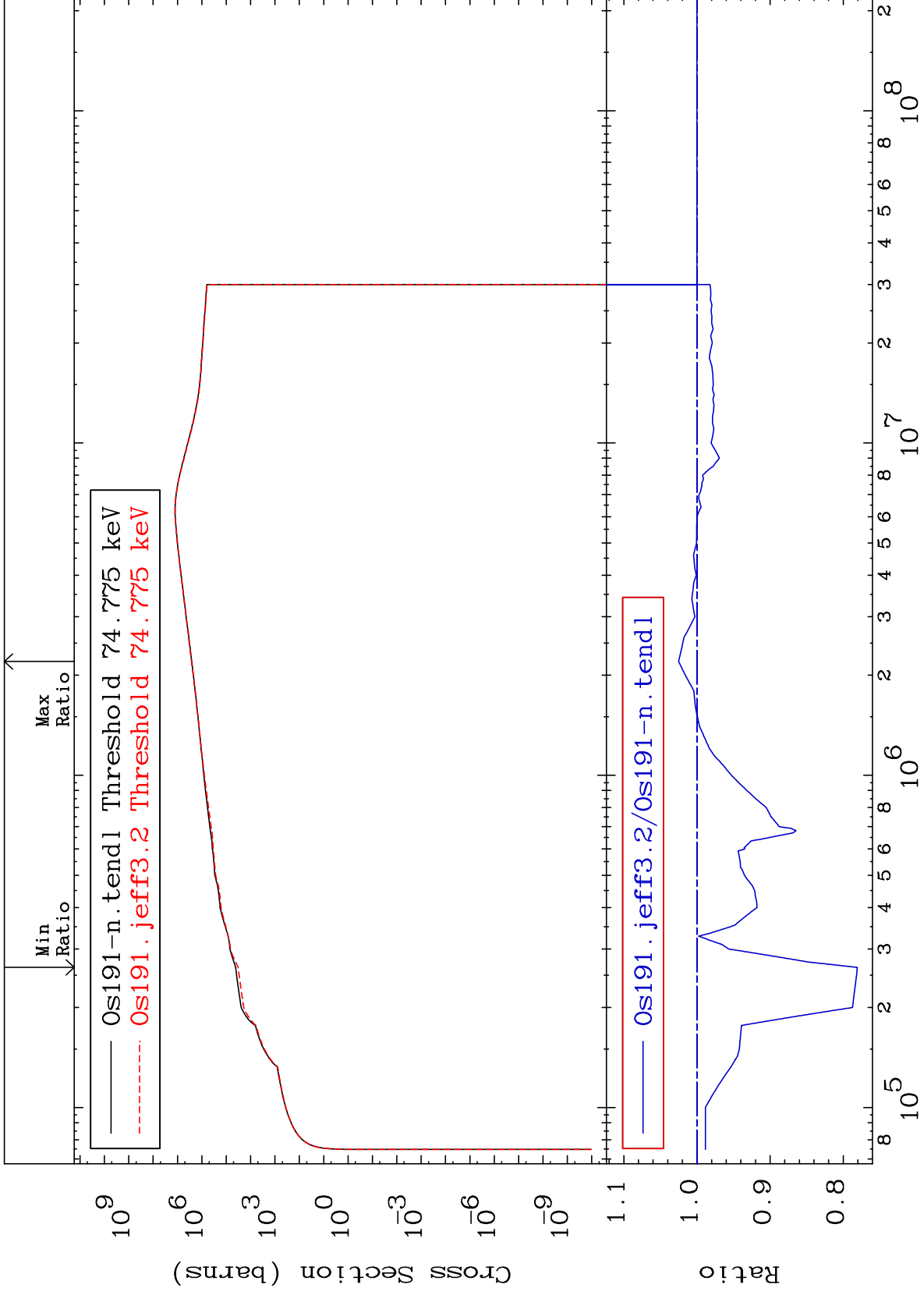
76-0s-191



MAT 7646

Kerma inelastic (mt51-91)  
Cross Section

76-0s-191  
-21.92 To 2.507 %



64

Incident Energy (eV)

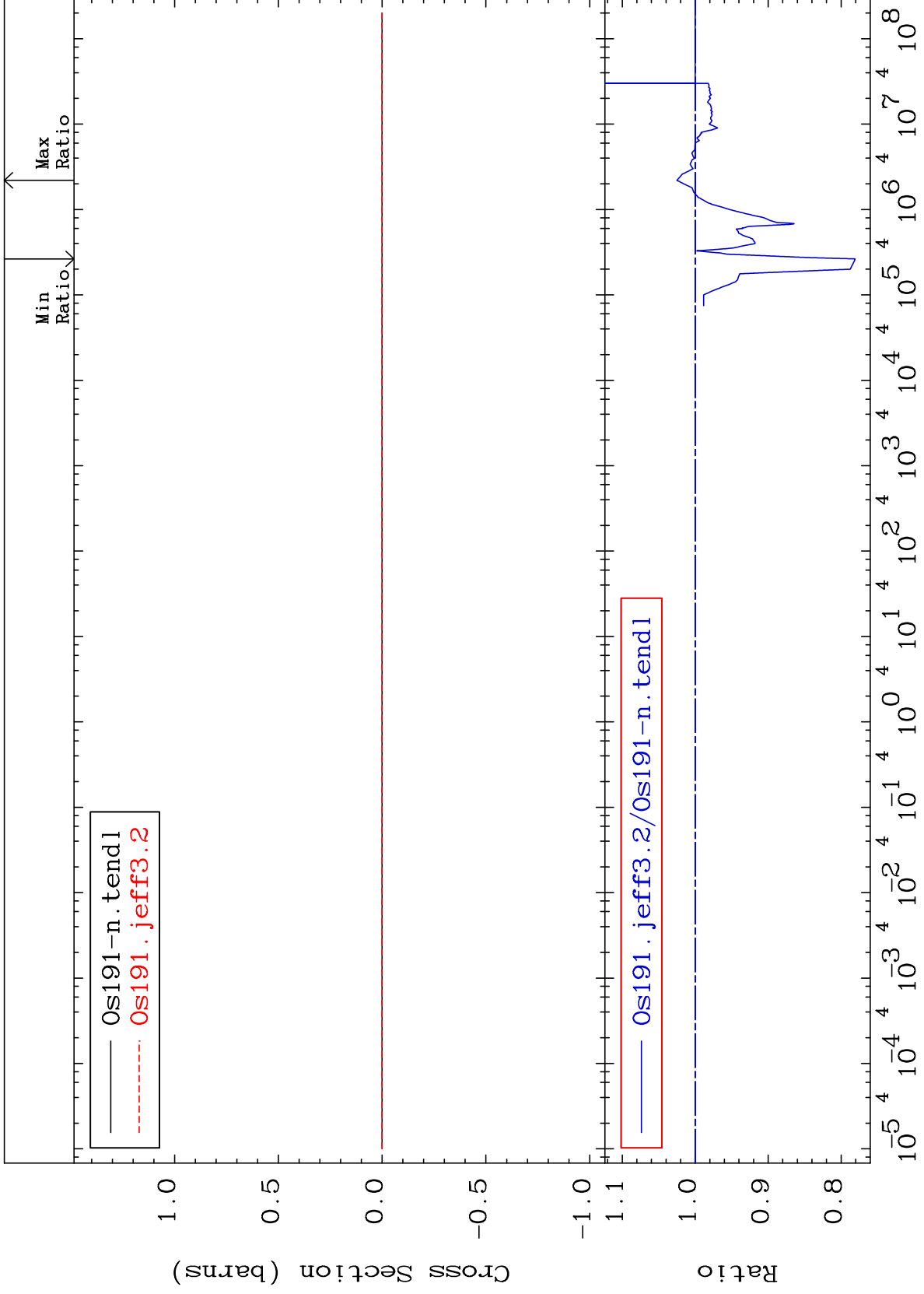
76-0s-191



MAT 7646

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

76-0s-191  
-21.92 To 2.507 %



65

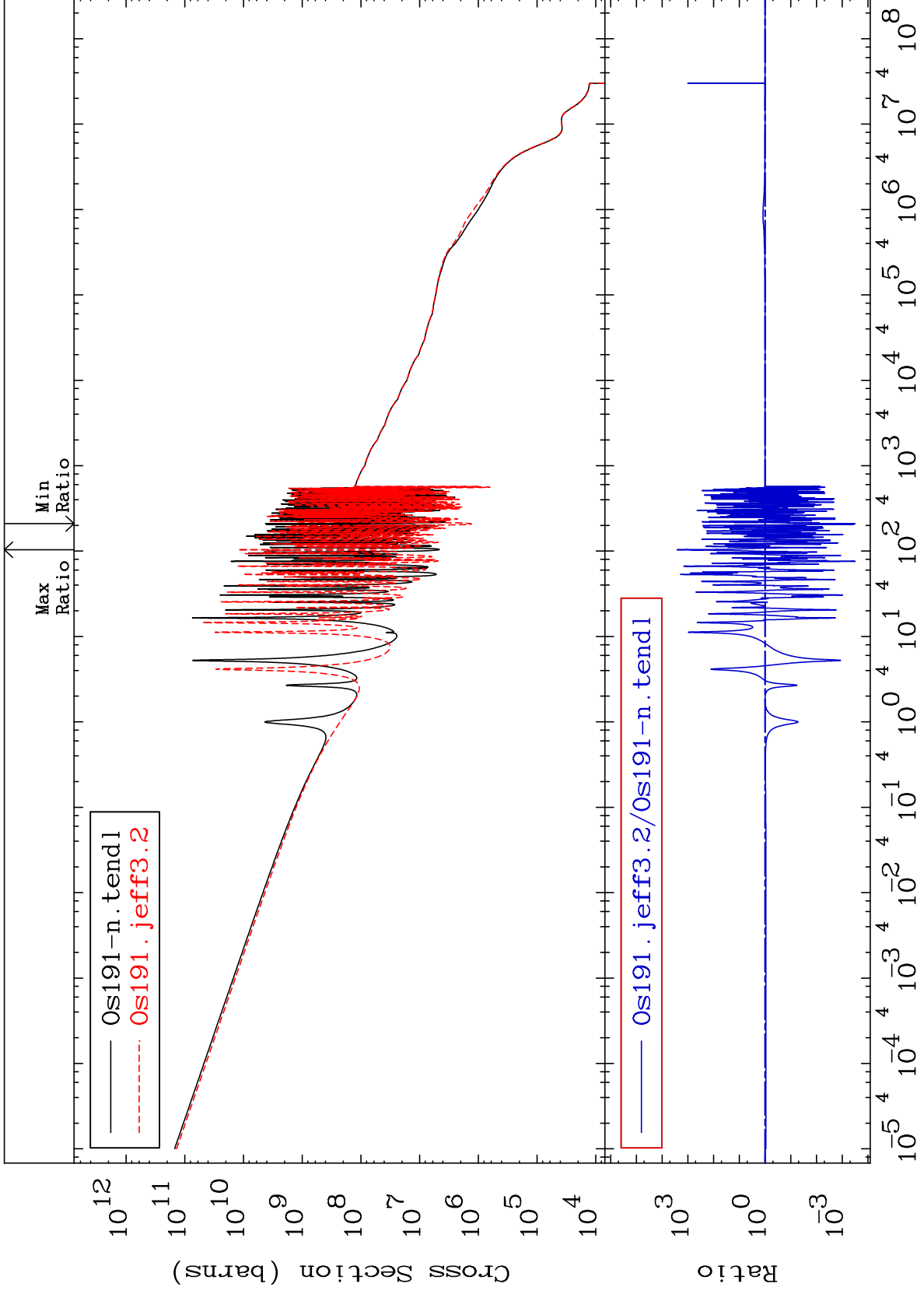
Incident Energy (eV)

76-0s-191

MAT 7646

Kerma capture (mt102)  
Cross Section

76-Os-191  
-99.97 To 9999. %



66

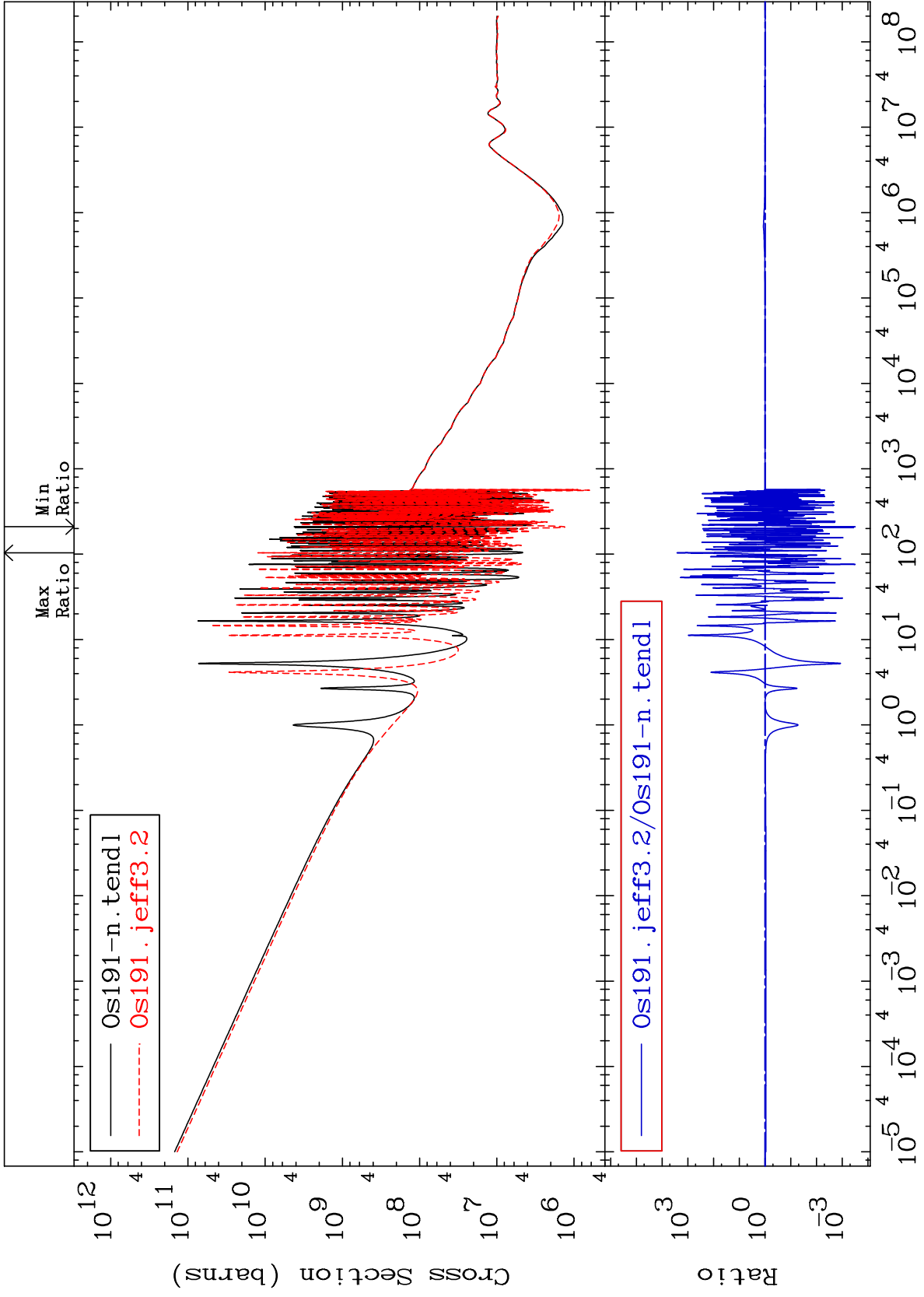
Incident Energy (eV)

76-Os-191

MAT 7646

Total photon (eV-barns)  
Cross Section

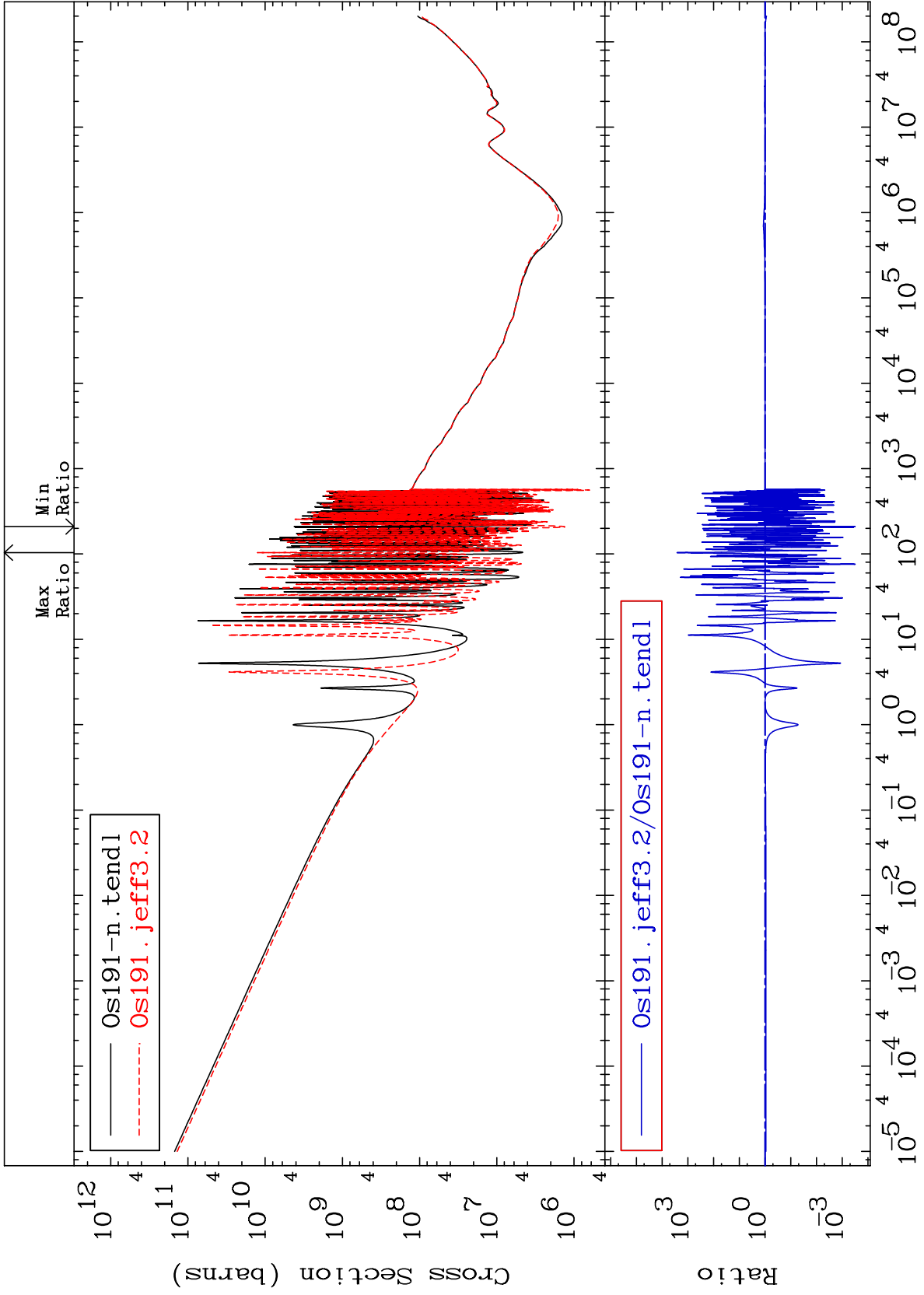
76-0s-191  
-99.97 To 9999. %



67

Incident Energy (eV)

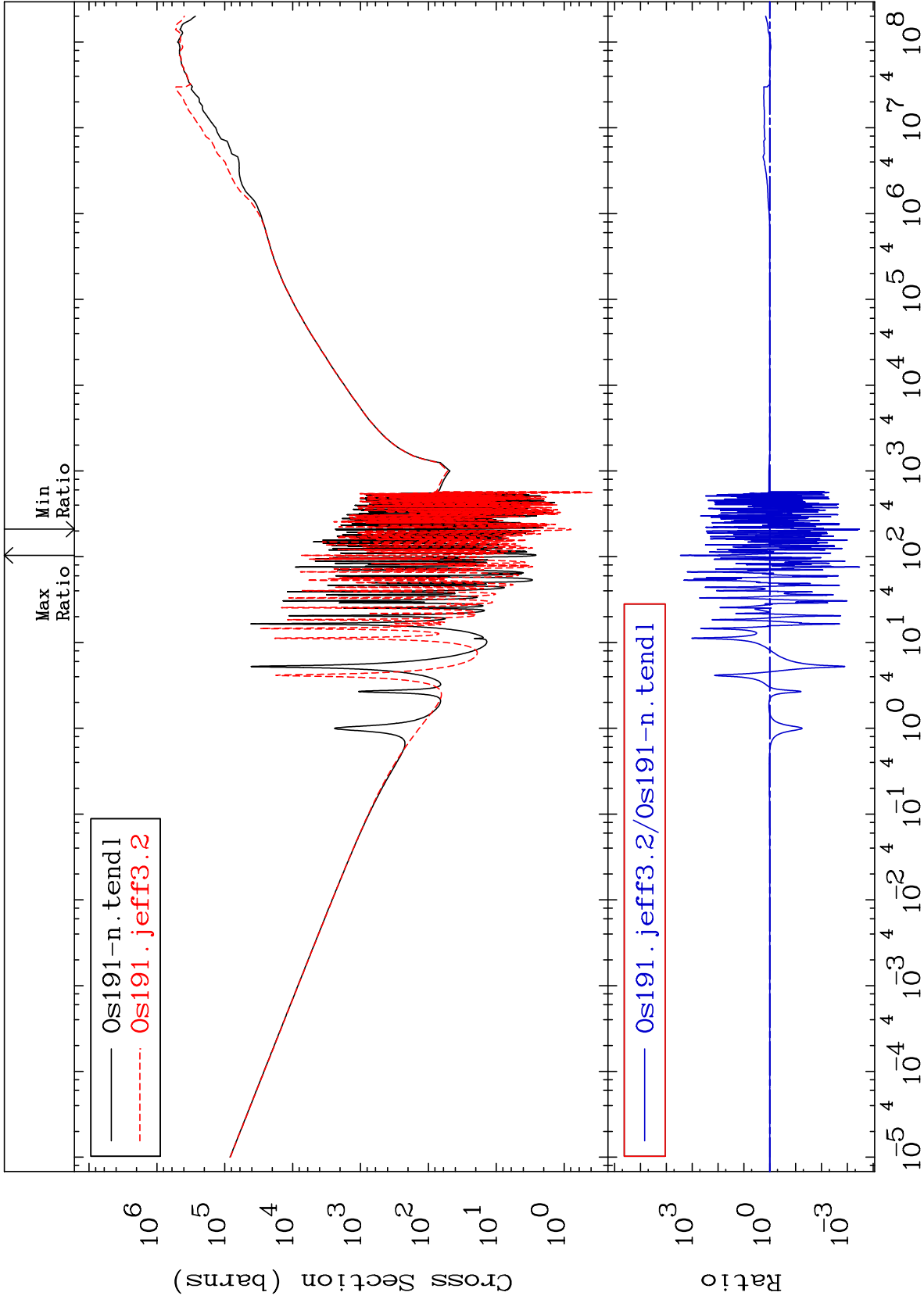
76-0s-191



MAT 7646

Dpa total (eV-barns)  
Cross Section

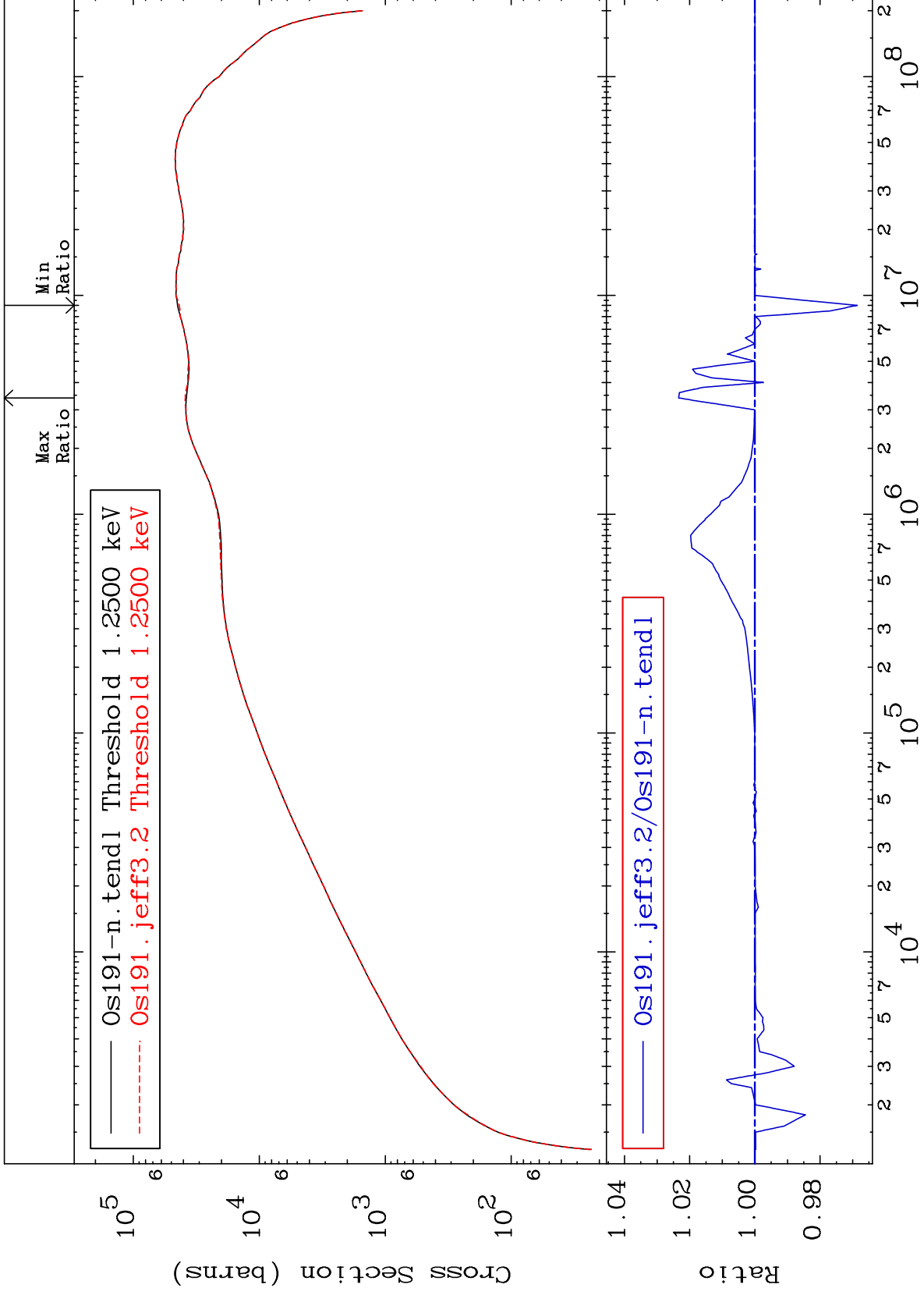
76-0s-191  
-99.97 To 9999. %



MAT 7646

Dpa elastic (mt2)  
Cross Section

76-Os-191  
-3.140 To 2.339 %



70

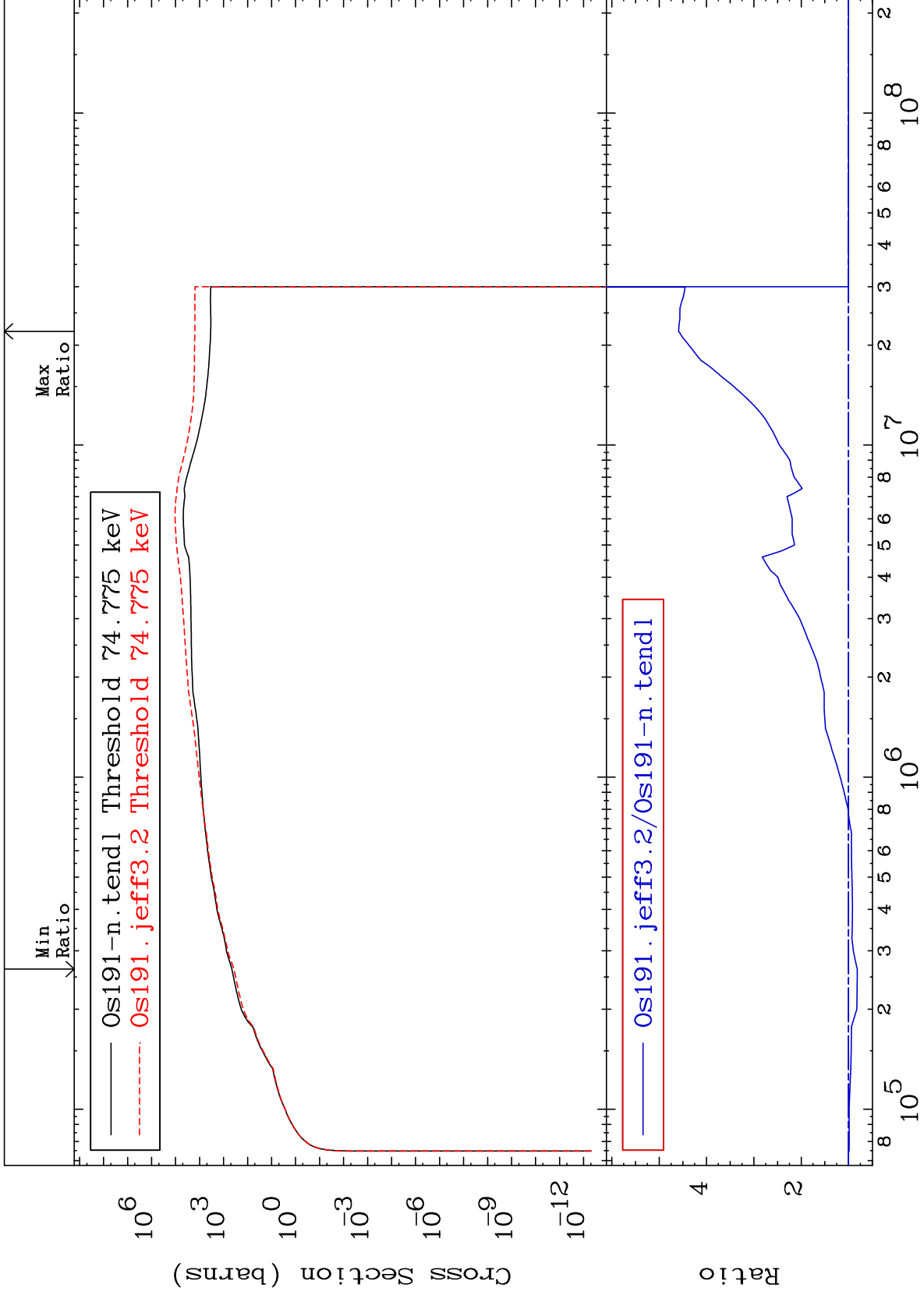
Incident Energy (eV)

76-Os-191

MAT 7646

Dpa inelastic (mt51-91)  
Cross Section

76-Os-191  
-18.37 To 358.9 %



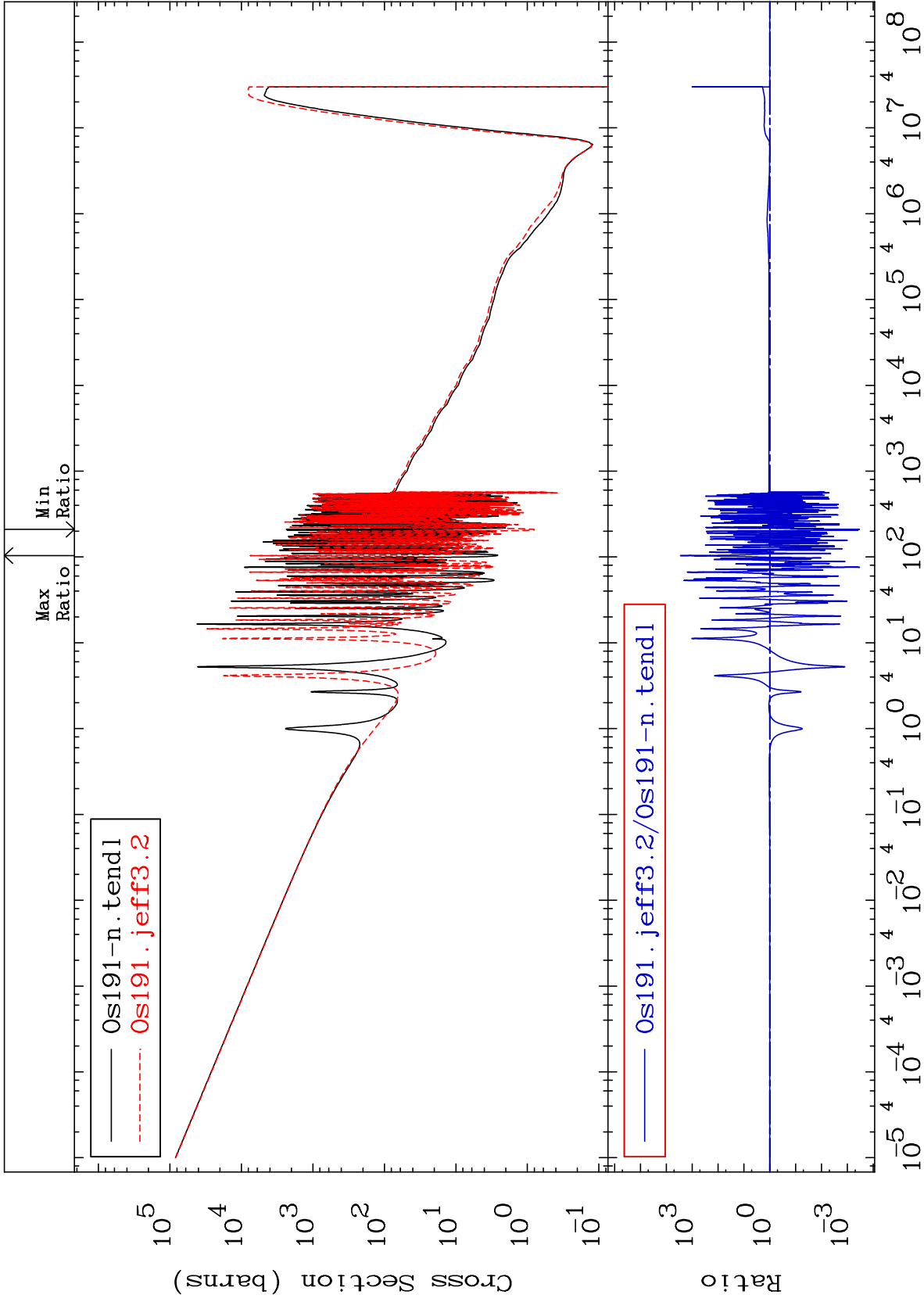
71

76-Os-191

MAT 7646

Dpa disappearance (mt102 -120)  
Cross Section

76-0s-191  
-99.97 To 9999. %



72

Incident Energy (eV)

76-0s-191



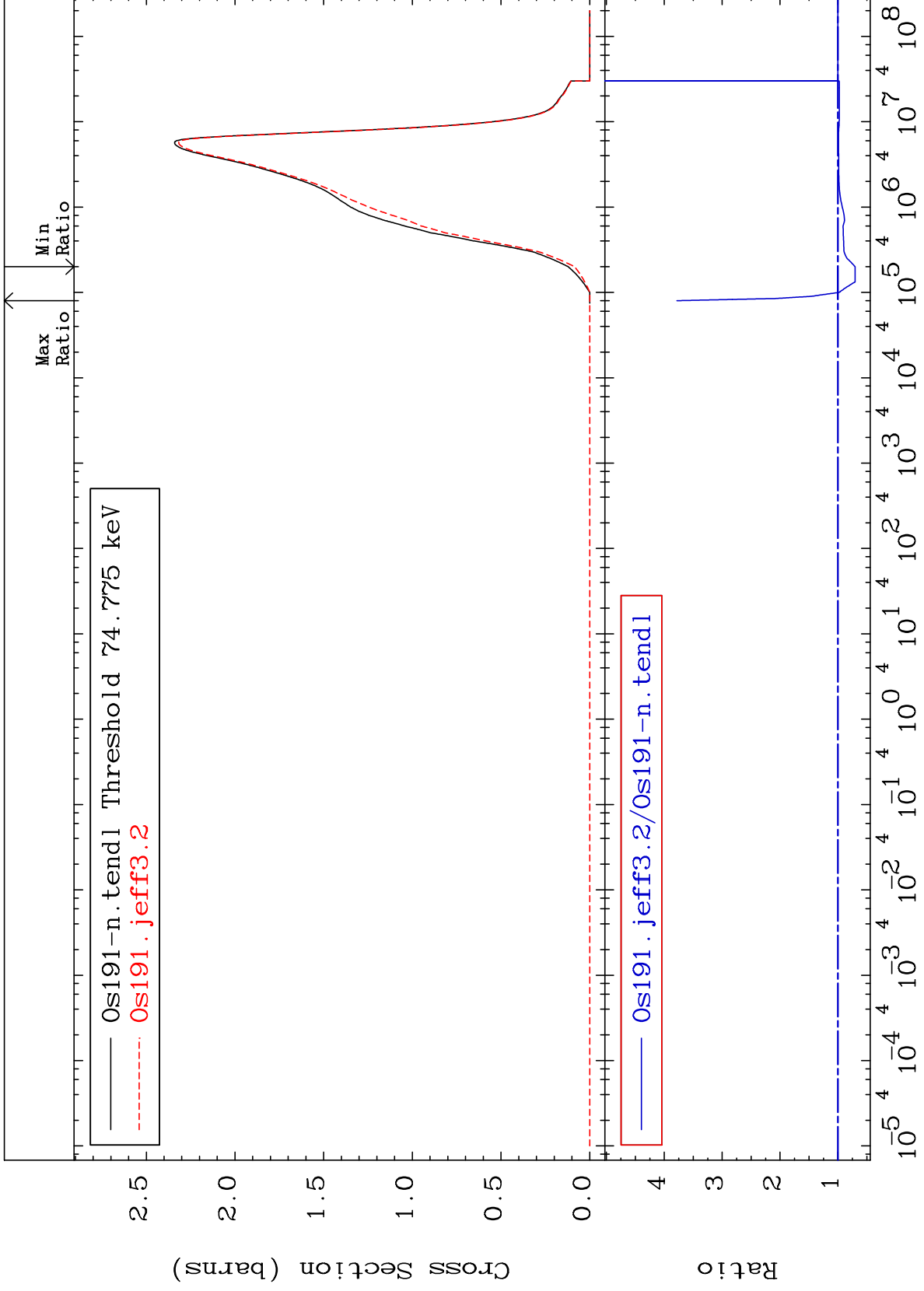
MAT 7646

Inelastic:76-0s-191g

76-0s-191

Radionuclide Production Cross Section

-29.58 To 278.2 %



73

Incident Energy (eV)

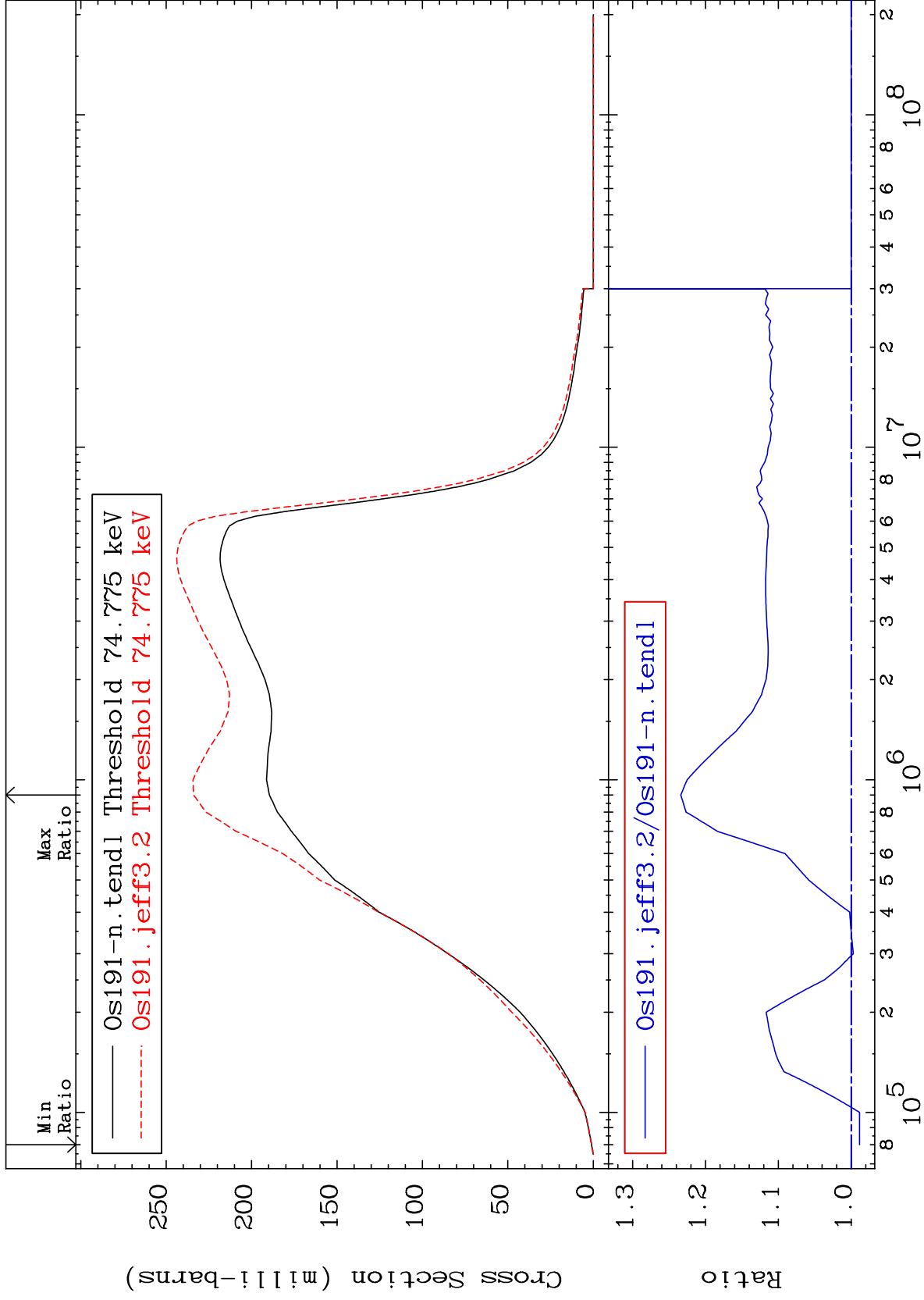
76-0s-191

MAT 7646

Inelastic: 76-Os-191m1

76-Os-191

Radionuclide Production Cross Section -1.142 To 23.38 %



74

Incident Energy (eV)

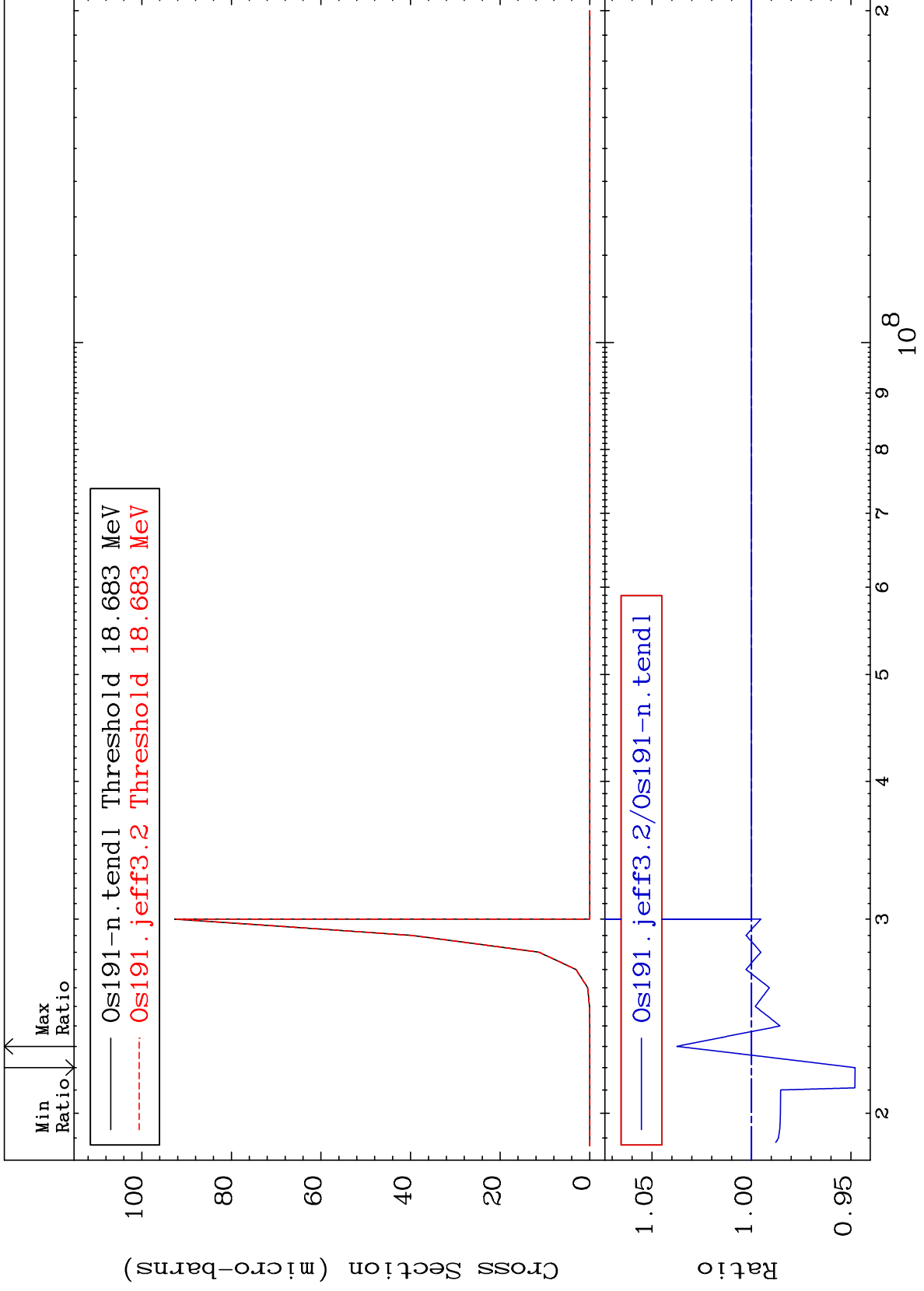
76-Os-191

MAT 7646

(n,2n) d: 75-Re-188g

76-0s-191

Radionuclide Production Cross Section -5.208 To 3.745 %



75

Incident Energy (eV)

76-0s-191

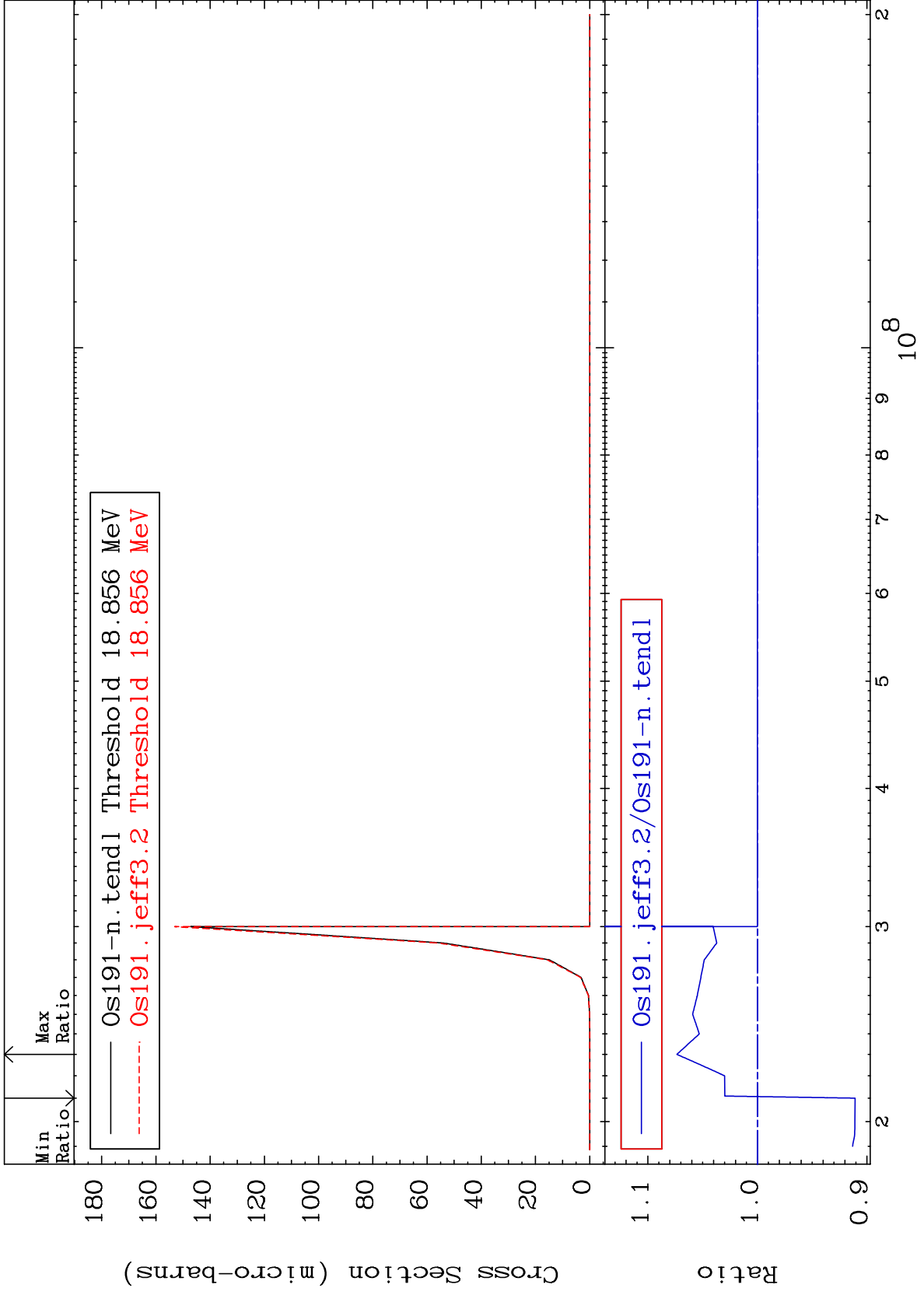
MAT 7646

(n,2n) d:75-Re-188m7

76-Os-191

Radionuclide Production Cross Section

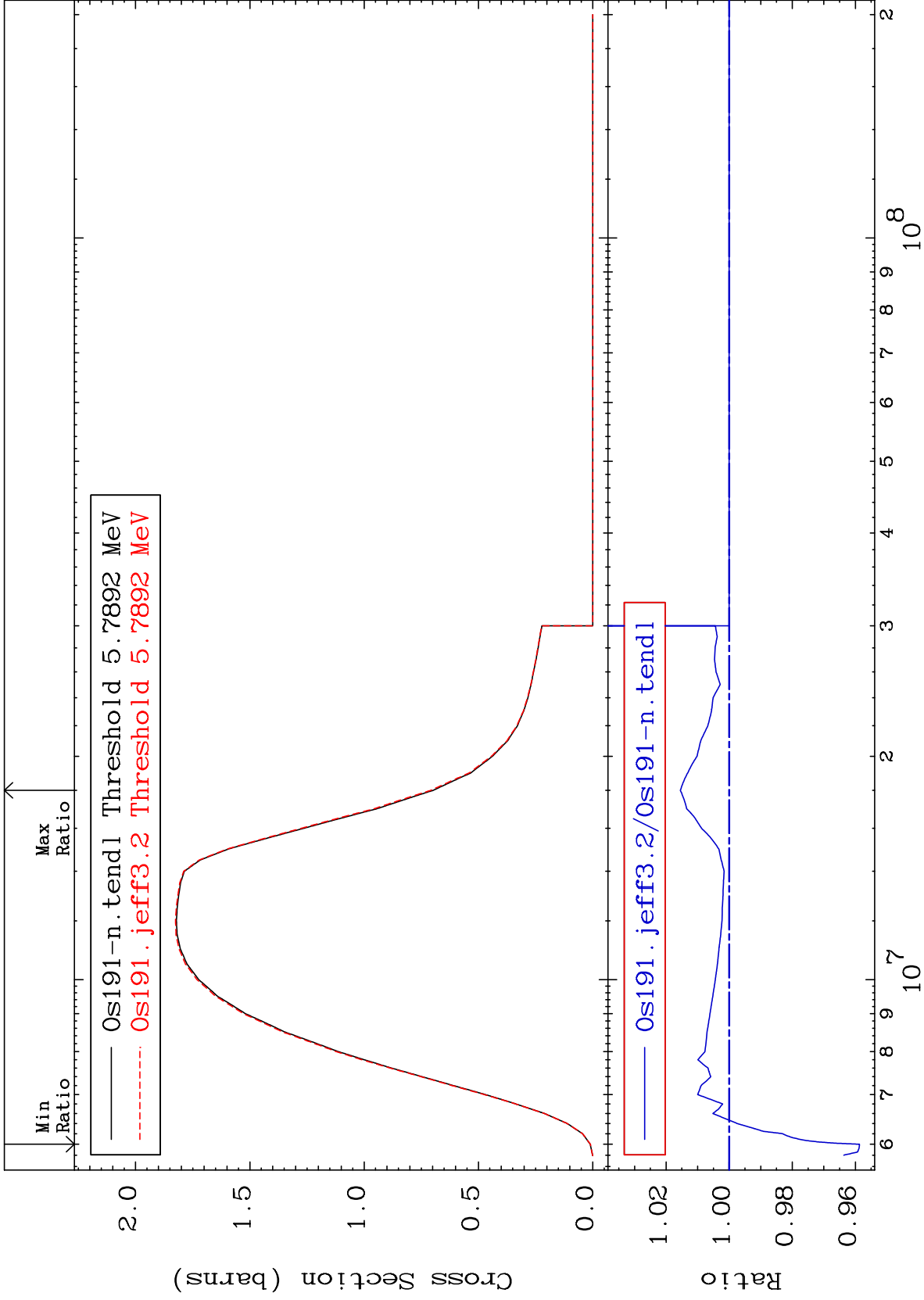
-8.924 To 7.351 %



76

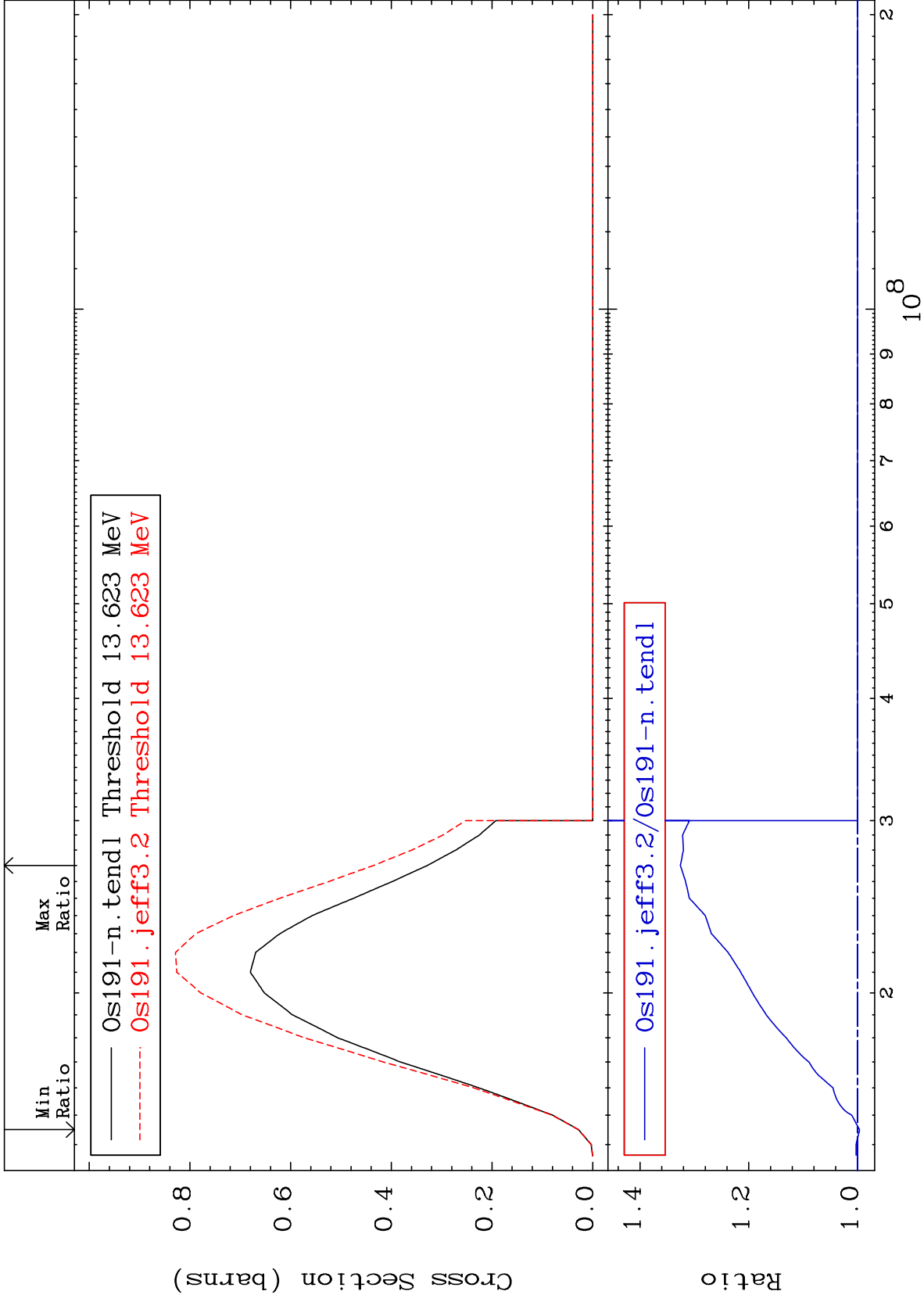
Incident Energy (eV)

76-Os-191

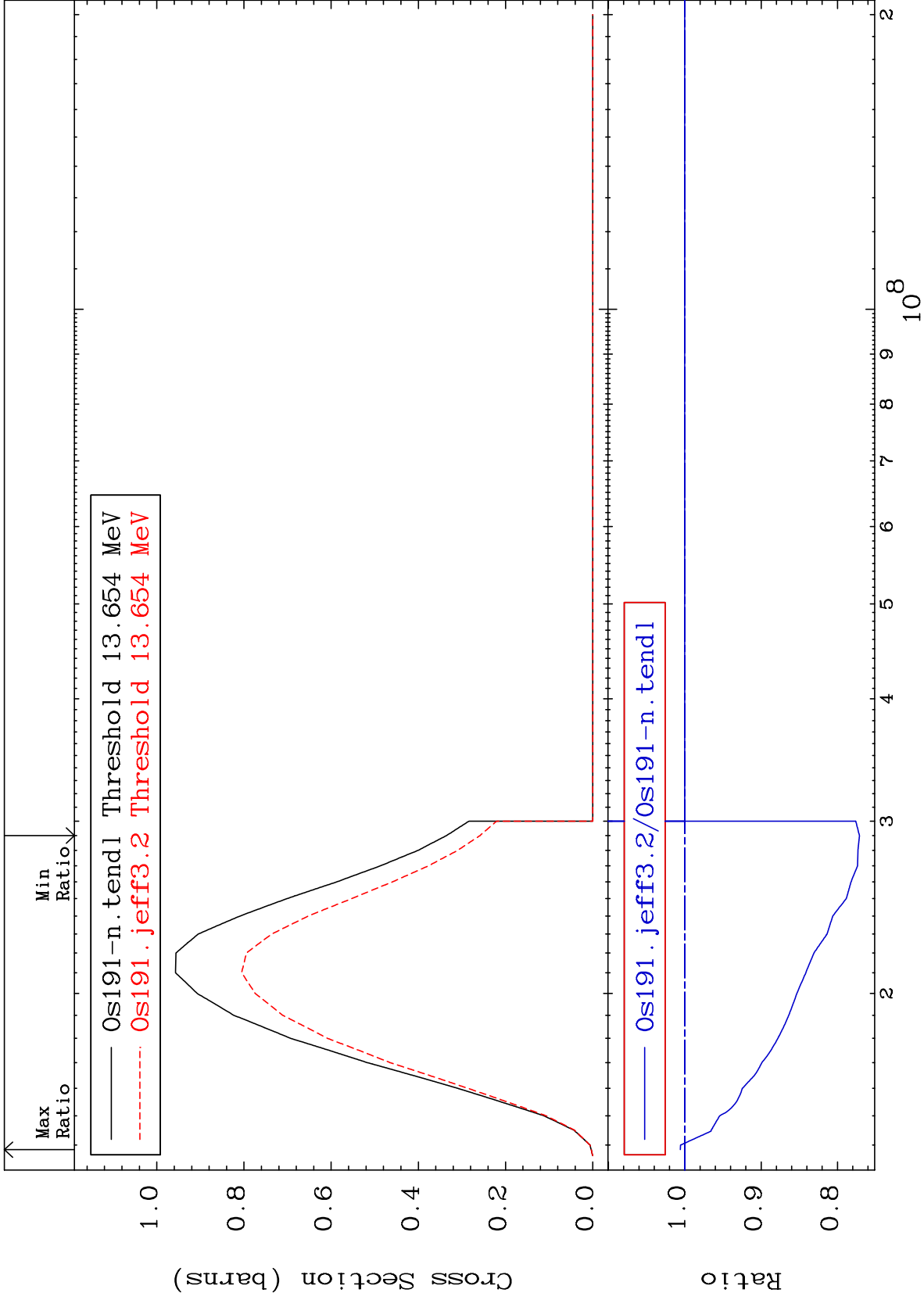


Radionuclide Production Cross Section

-0.355 To 32.58 %



Radionuclide Production Cross Section -22.88 To 0.578 %

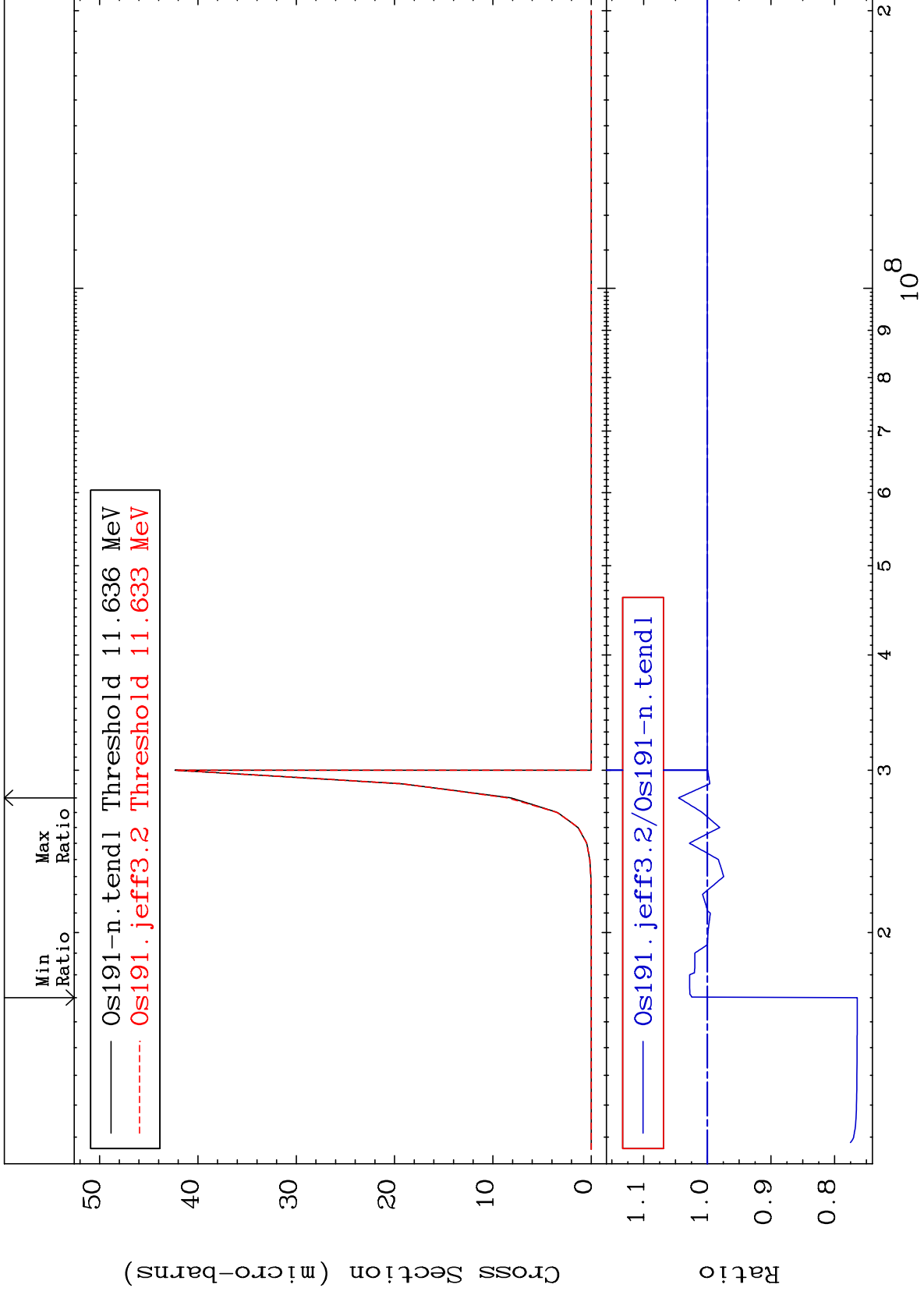


MAT 7646

(n,3n)  $\alpha$ : 74-W -185g

76-0s-191

Radionuclide Production Cross Section -23.56 To 4.514 %



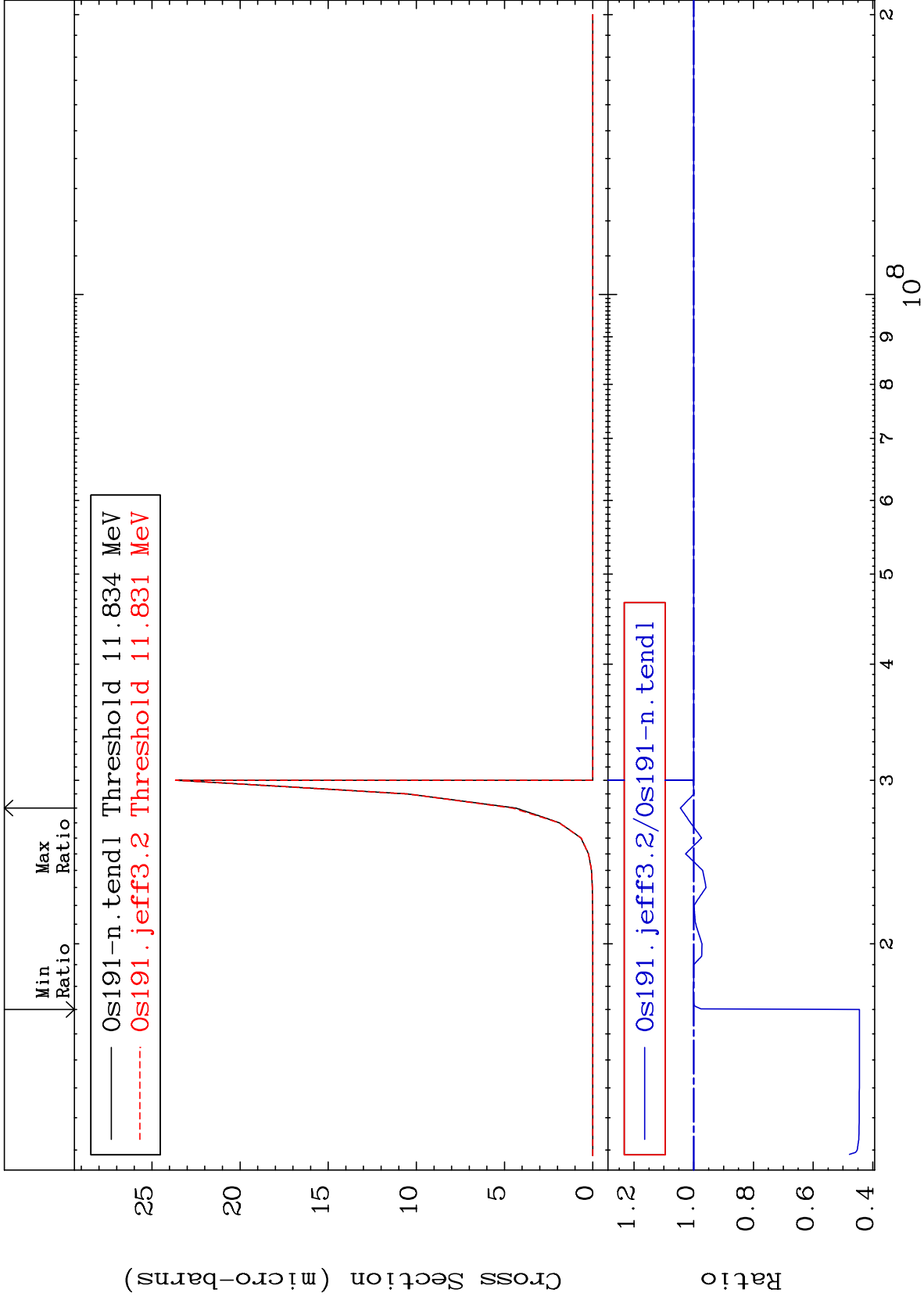
80

Incident Energy (eV)

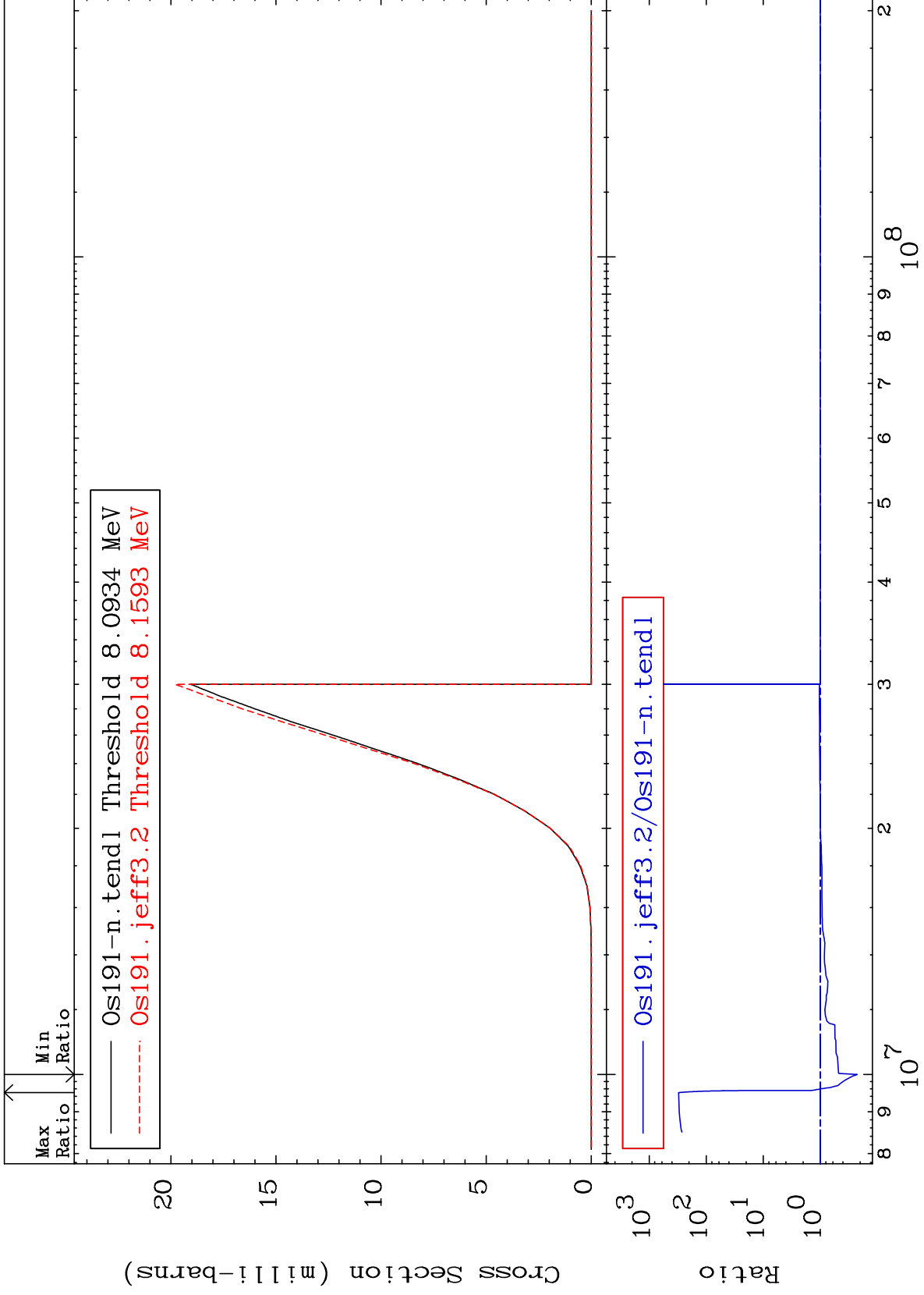
76-0s-191



Radionuclide Production Cross Section -55.51 To 4.489 %



Radionuclide Production Cross Section -77.50 To 9999. %

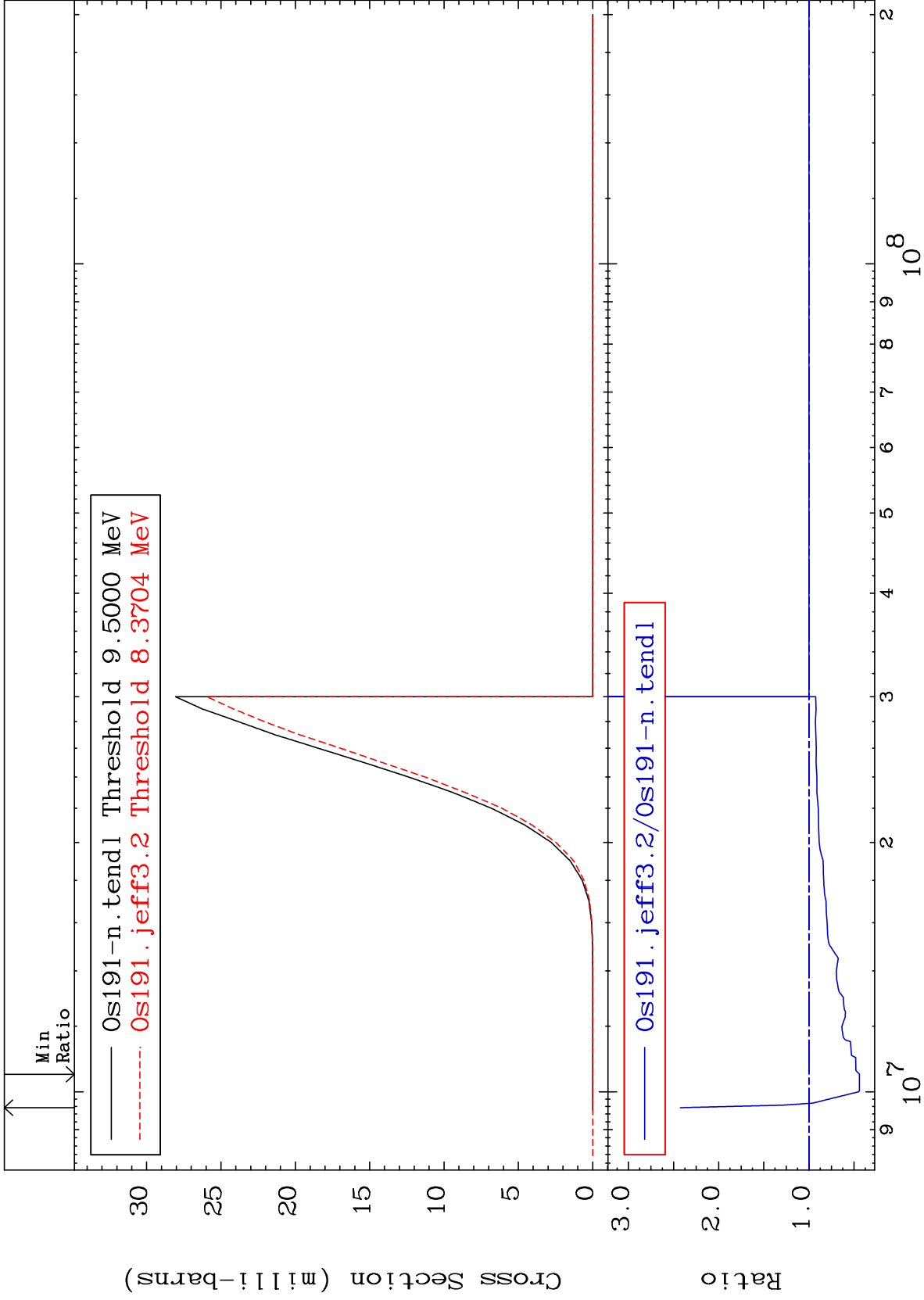


MAT 7646

(n, n') p: 75-Re-190m3

76-0s-191

Radionuclide Production Cross Section -56.05 To 142.5 %

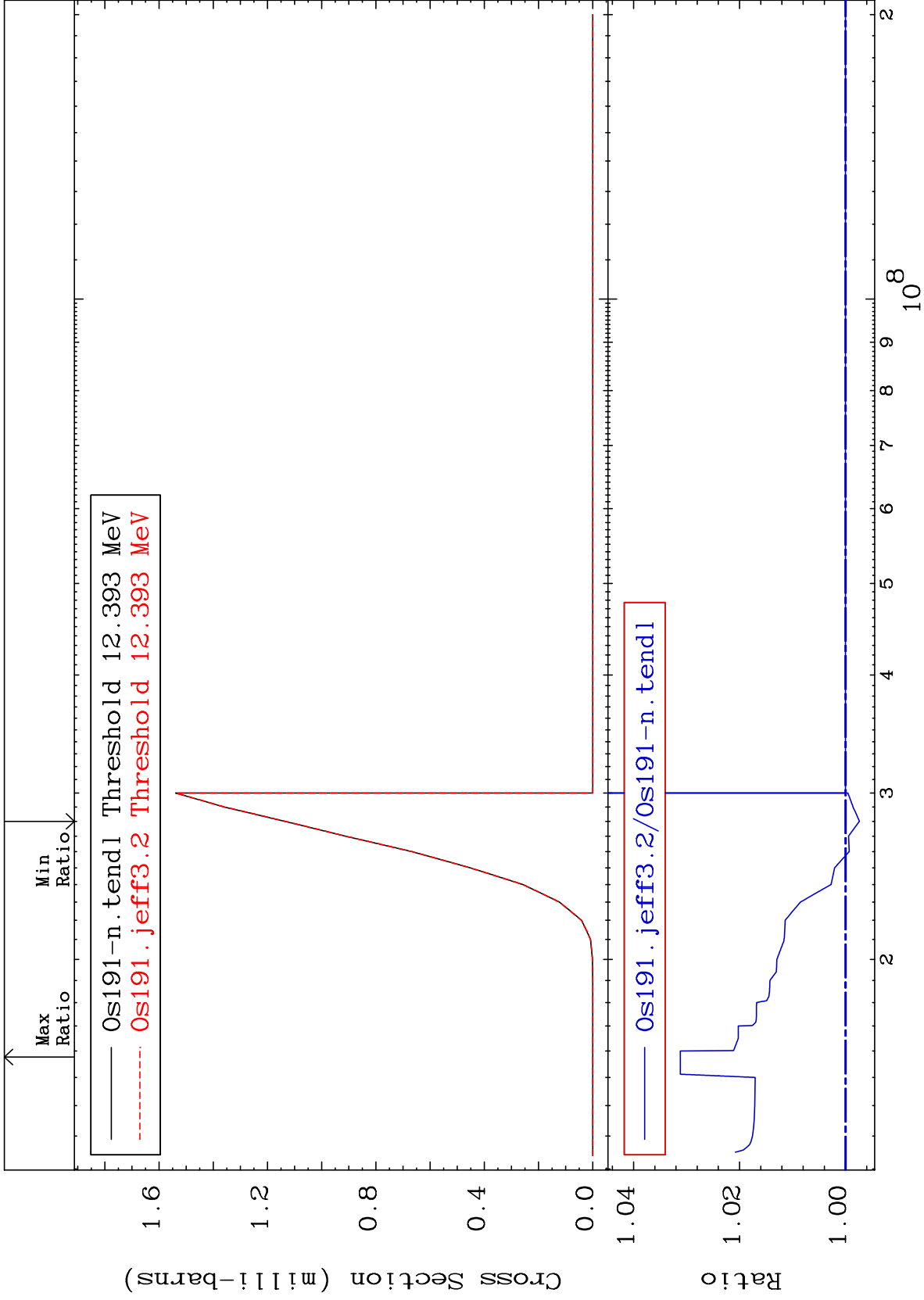


83

Incident Energy (eV)

76-0s-191

Radionuclide Production Cross Section -0.262 To 3.117 %

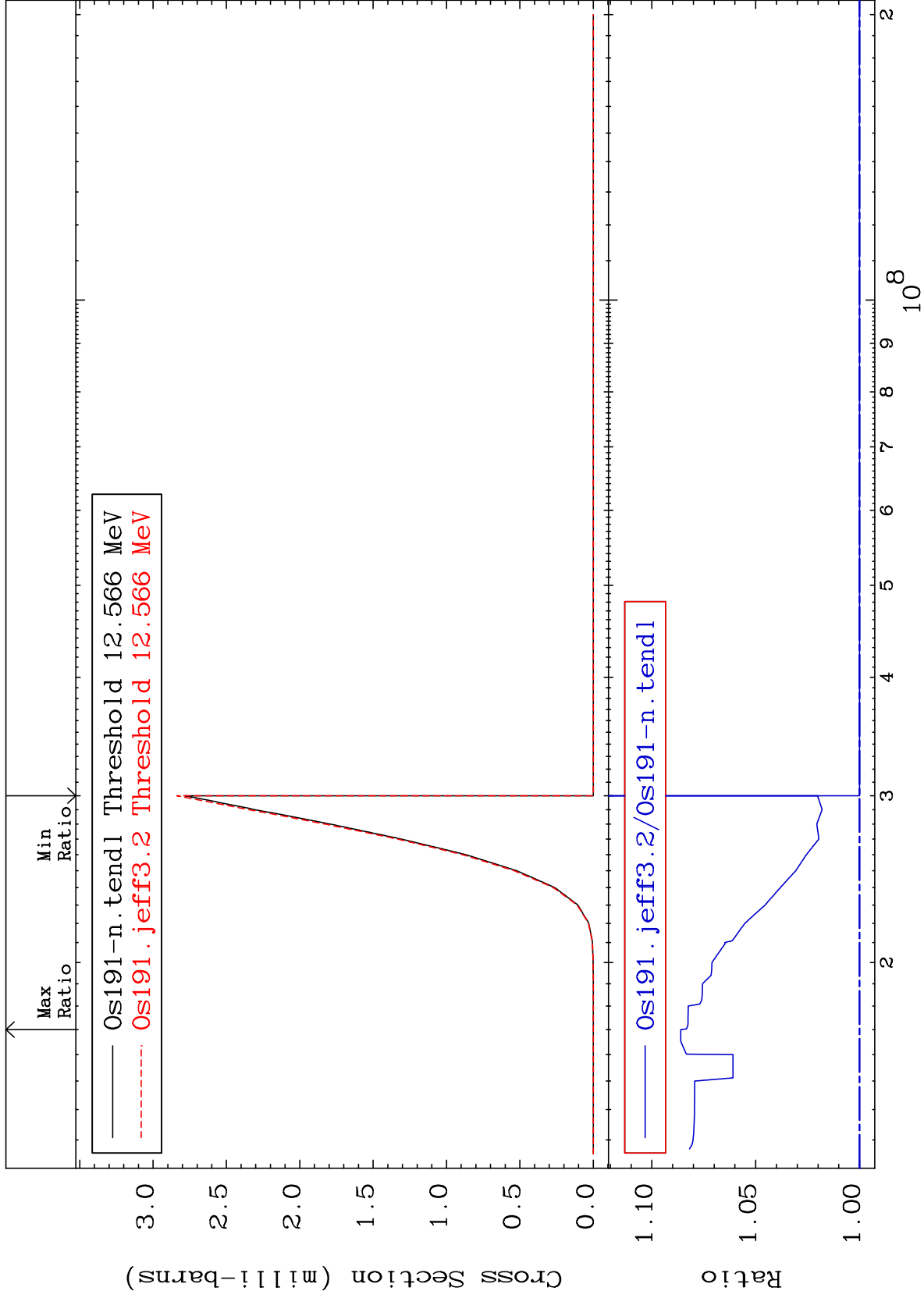


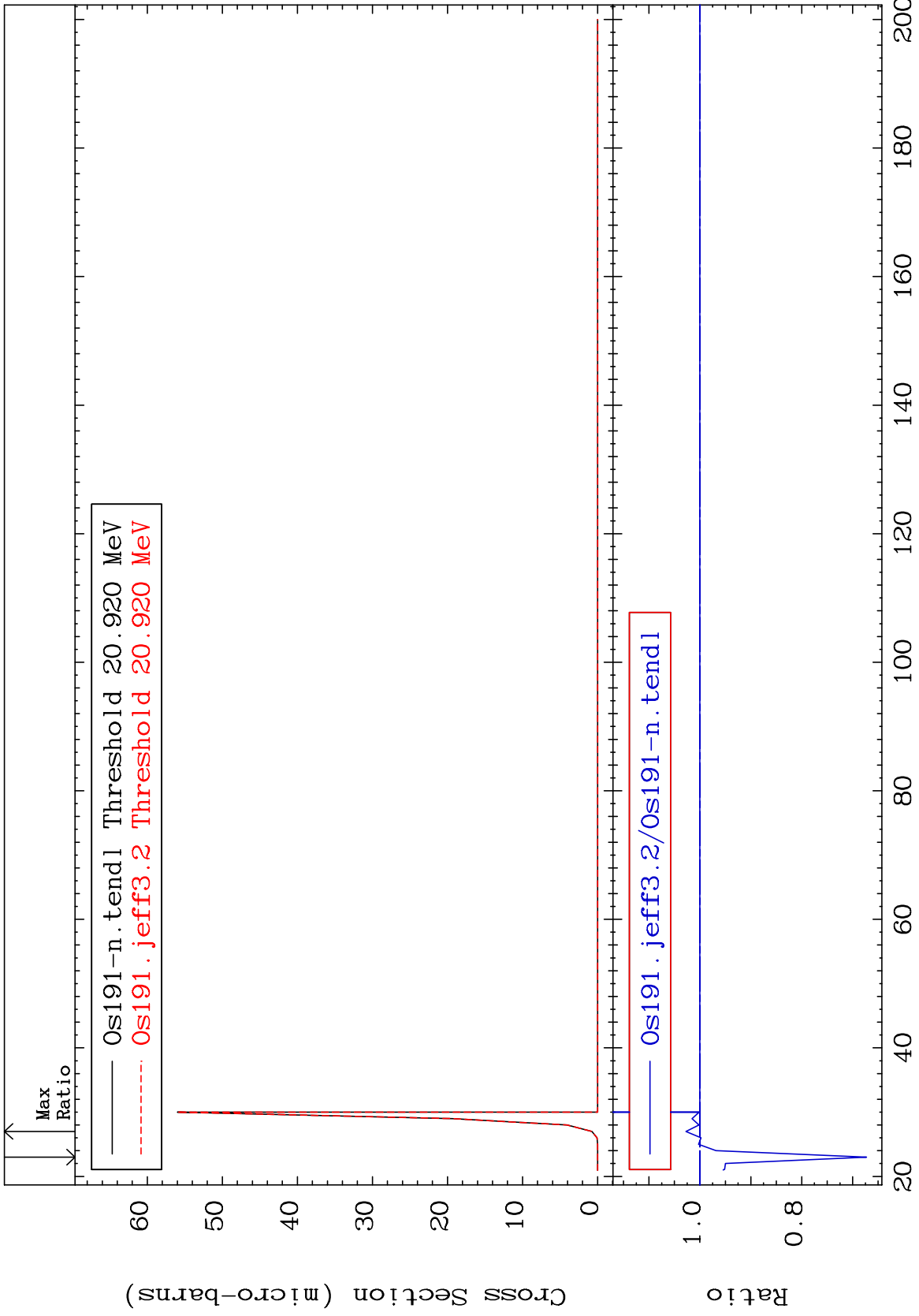
MAT 7646

(n, n') t: 75-Re-188m7

76-0s-191

Radionuclide Production Cross Section 0.000 To 8.609 %





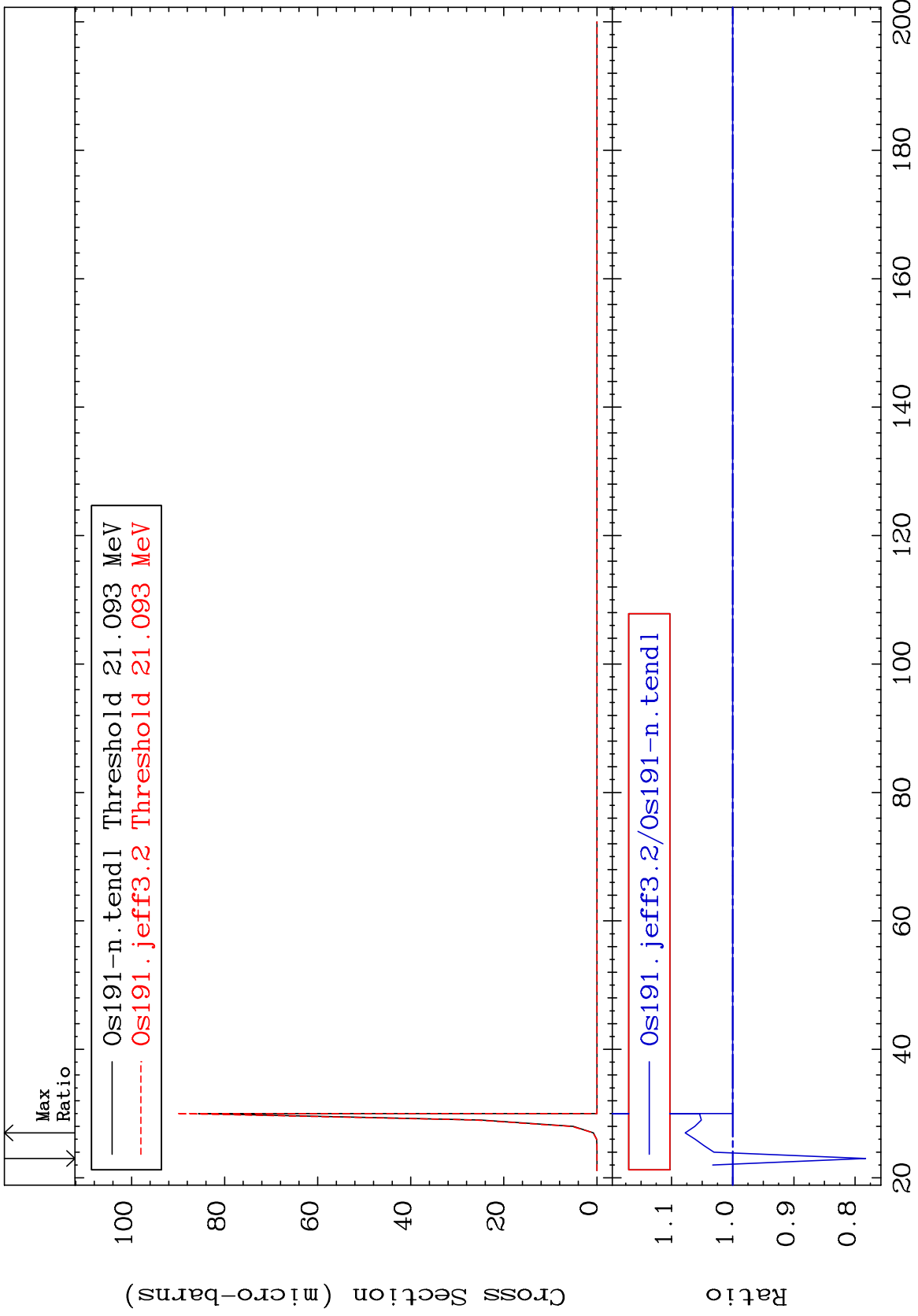
MAT 7646

(n,3n) p:75-Re-188m7

76-0s-191

Radionuclide Production Cross Section

-21.72 To 7.768 %



87

Incident Energy (MeV)

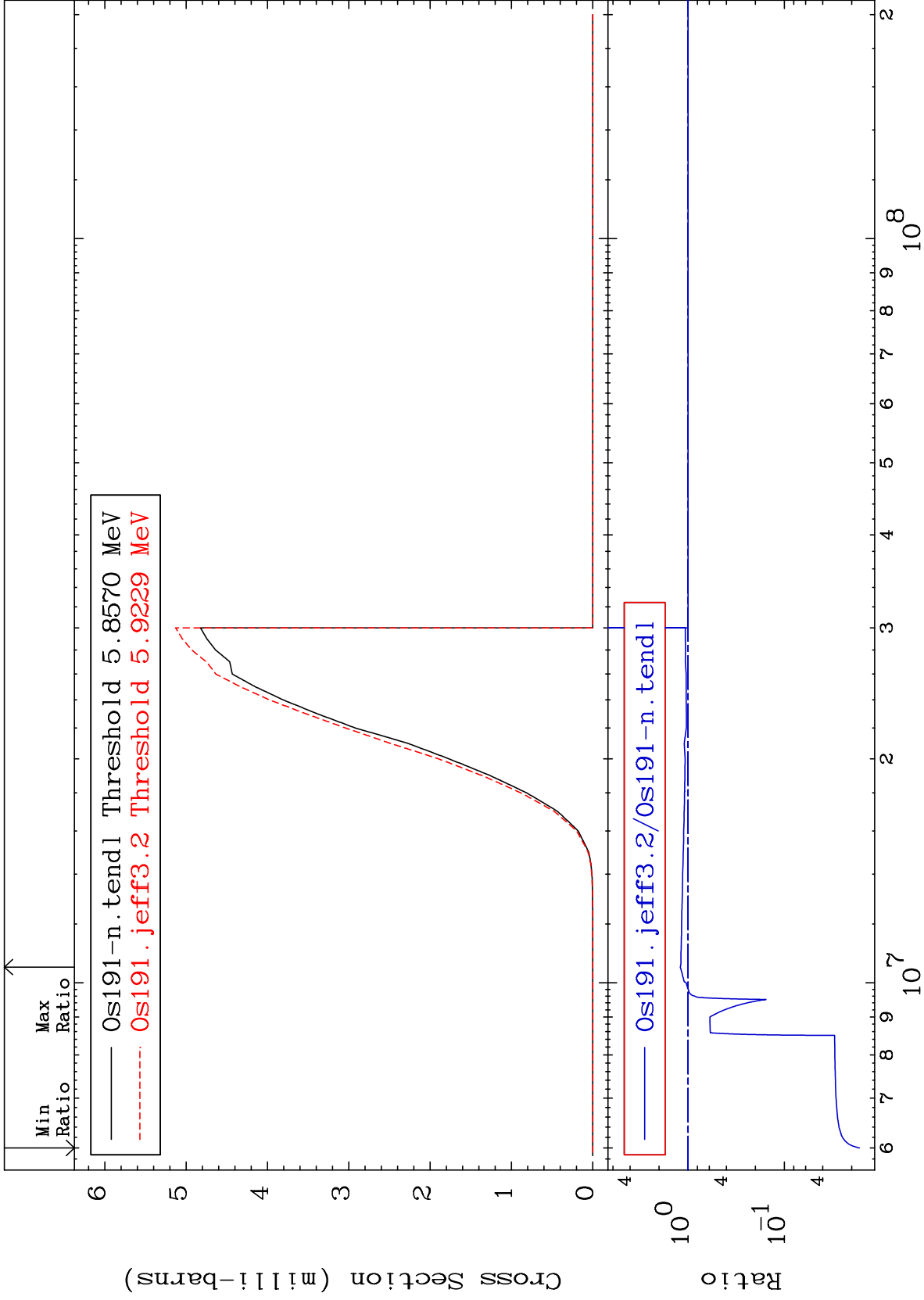
76-0s-191

MAT 7646

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

76-0s-191

Radionuclide Production Cross Section -98.34 To 20.02 %



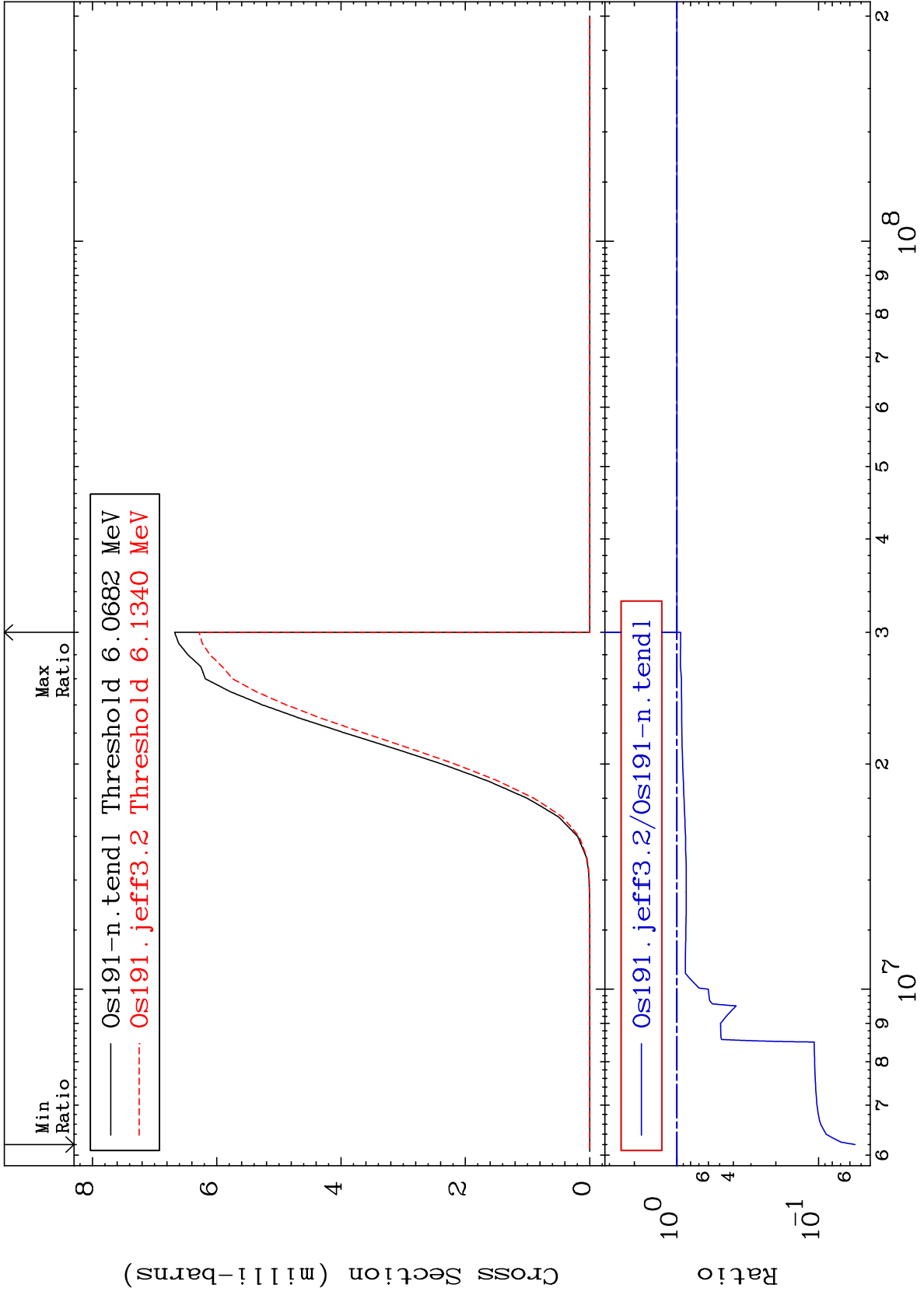


MAT 7646

(n, d) : 75-Re-190m3

76-0s-191

Radionuclide Production Cross Section -94.48 To 0.000 %



89

Incident Energy (eV)

76-0s-191