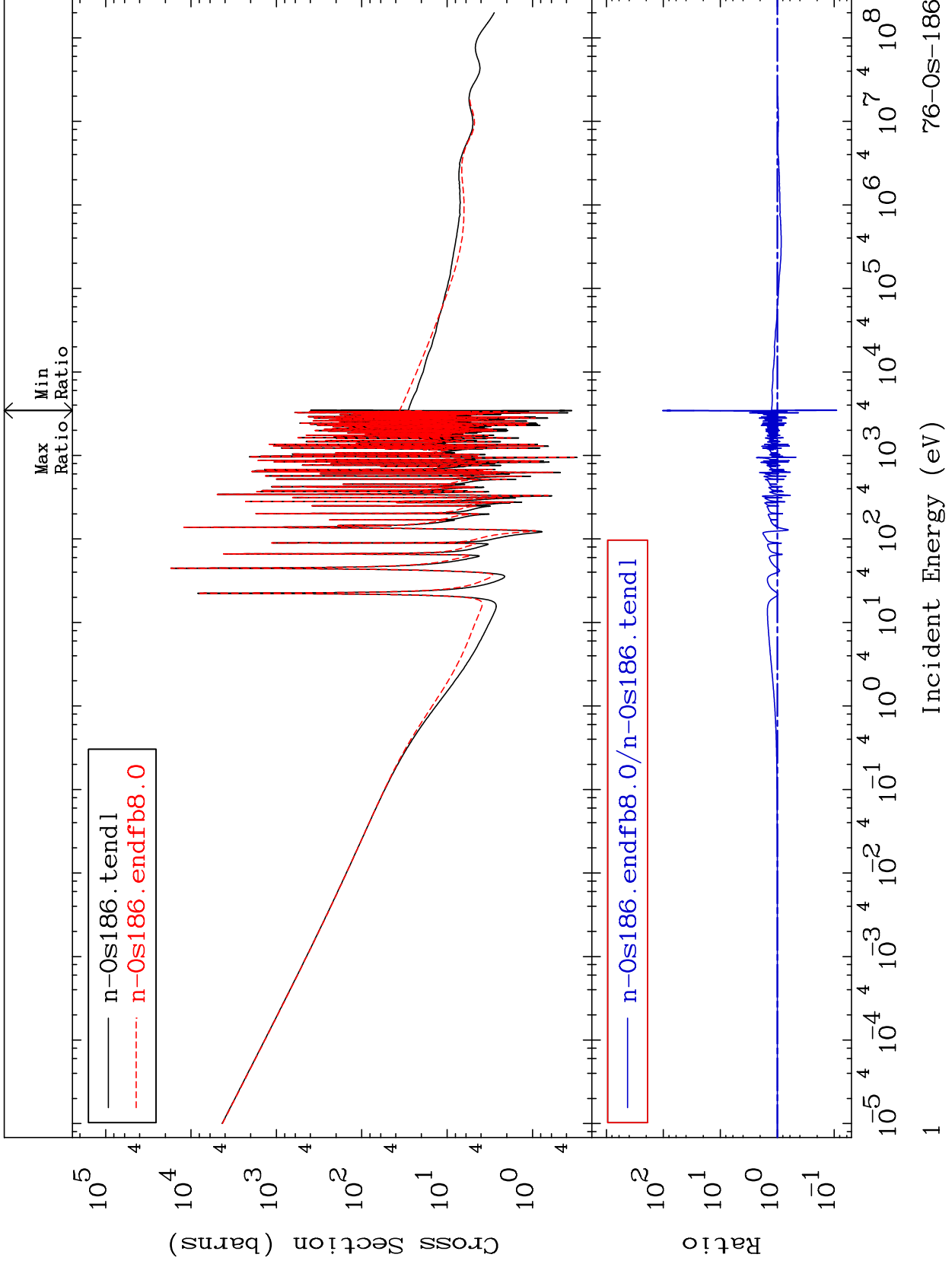


MAT 7631

Total  
Cross Section

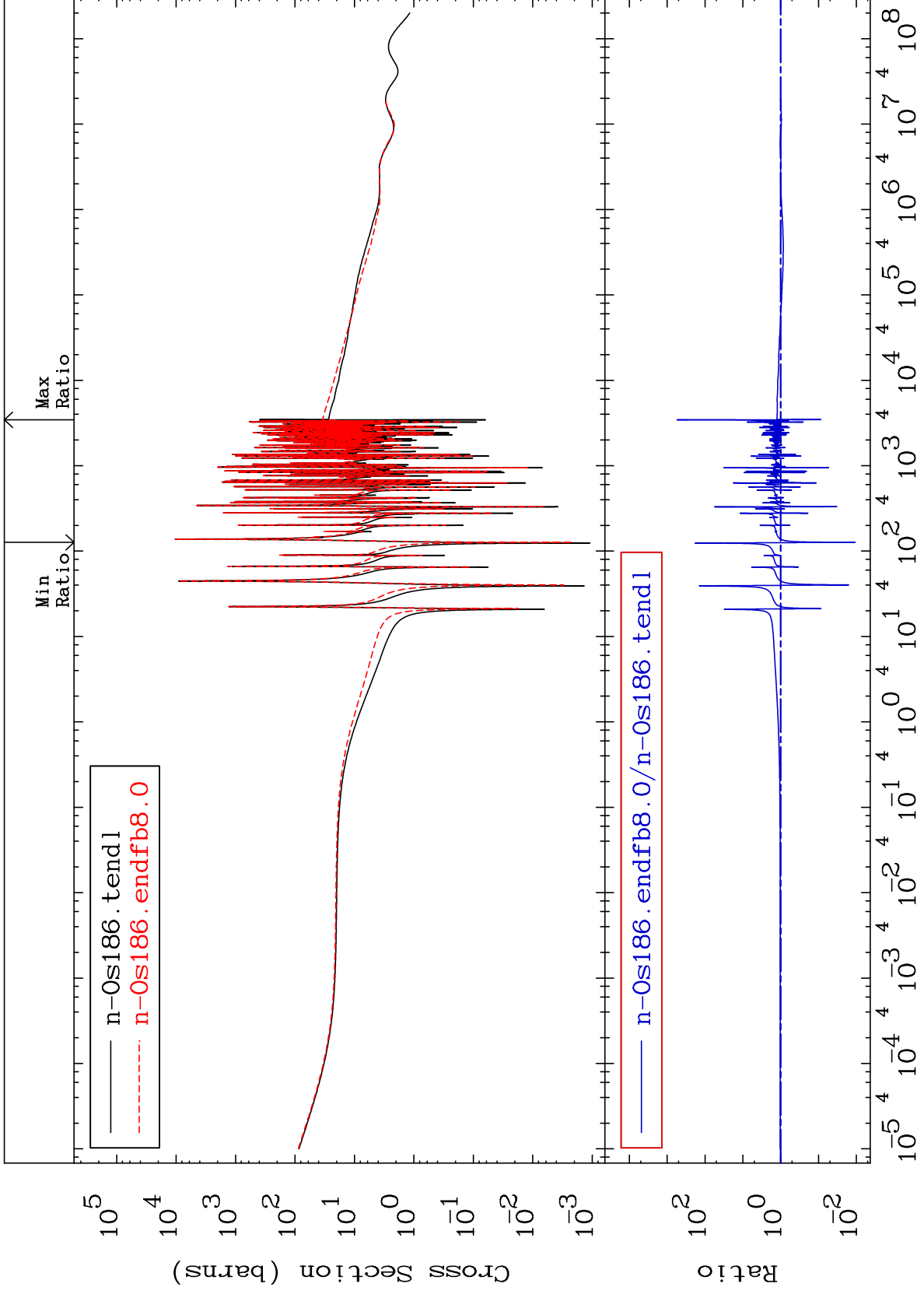
76-0s-186  
-90.93 To 9999. %



MAT 7631

Elastic  
Cross Section

76-0s-186  
-98.92 To 9999. %



Incident Energy (eV)

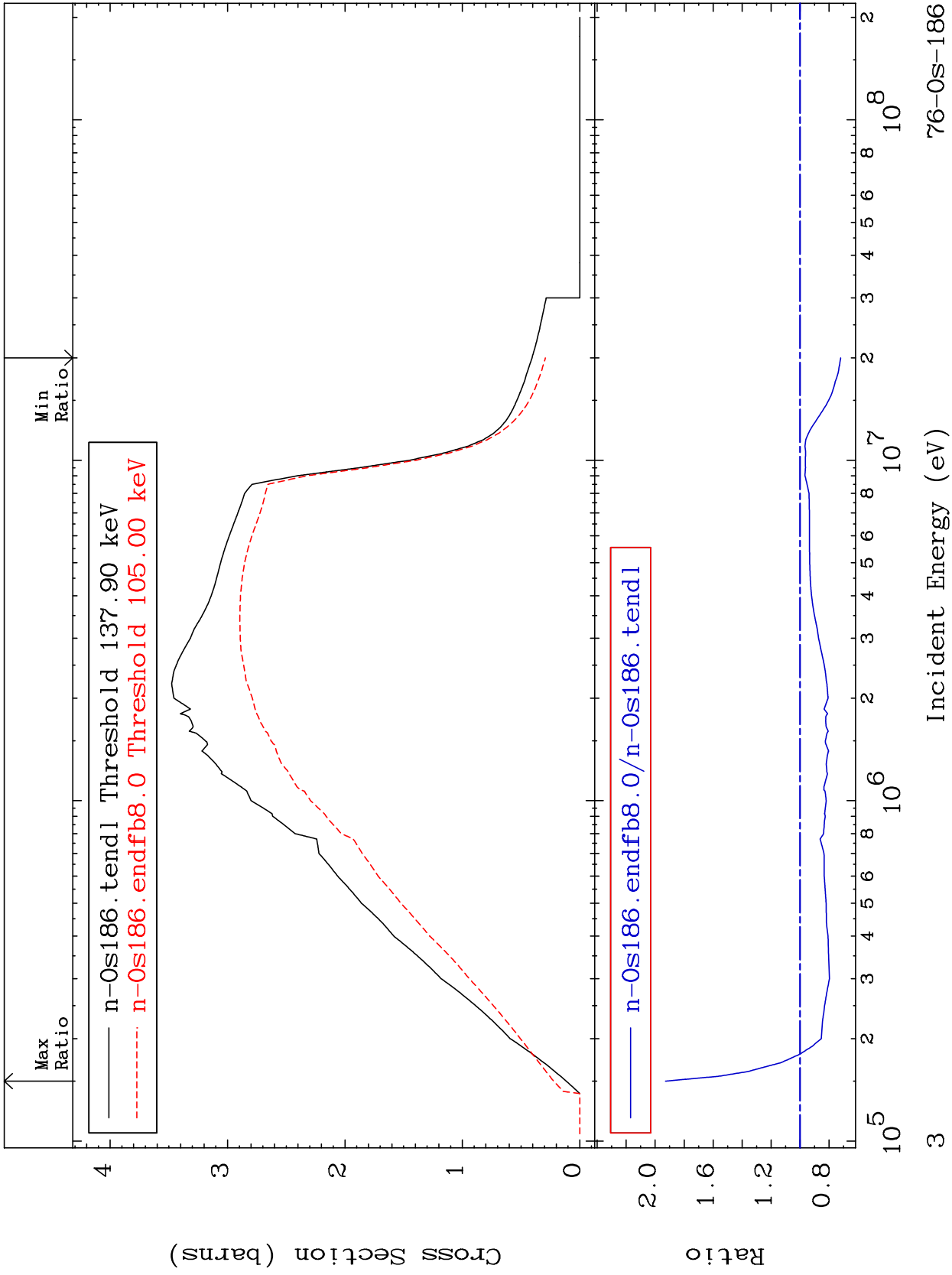
76-0s-186

2

MAT 7631

Inelastic  
Cross Section

76-0s-186  
-28.06 To 92.86 %



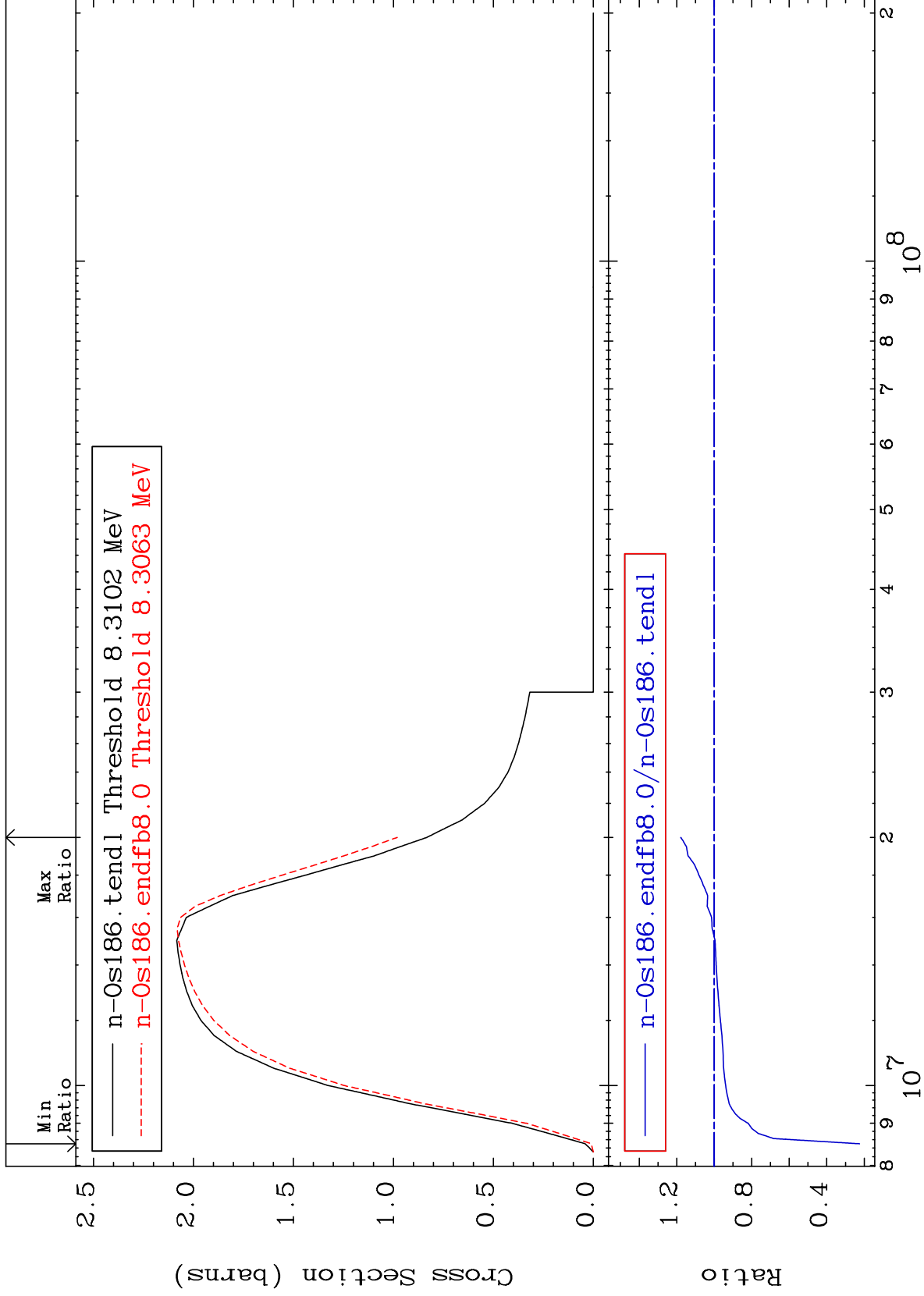
MAT 7631

(n,2n)

76-0s-186

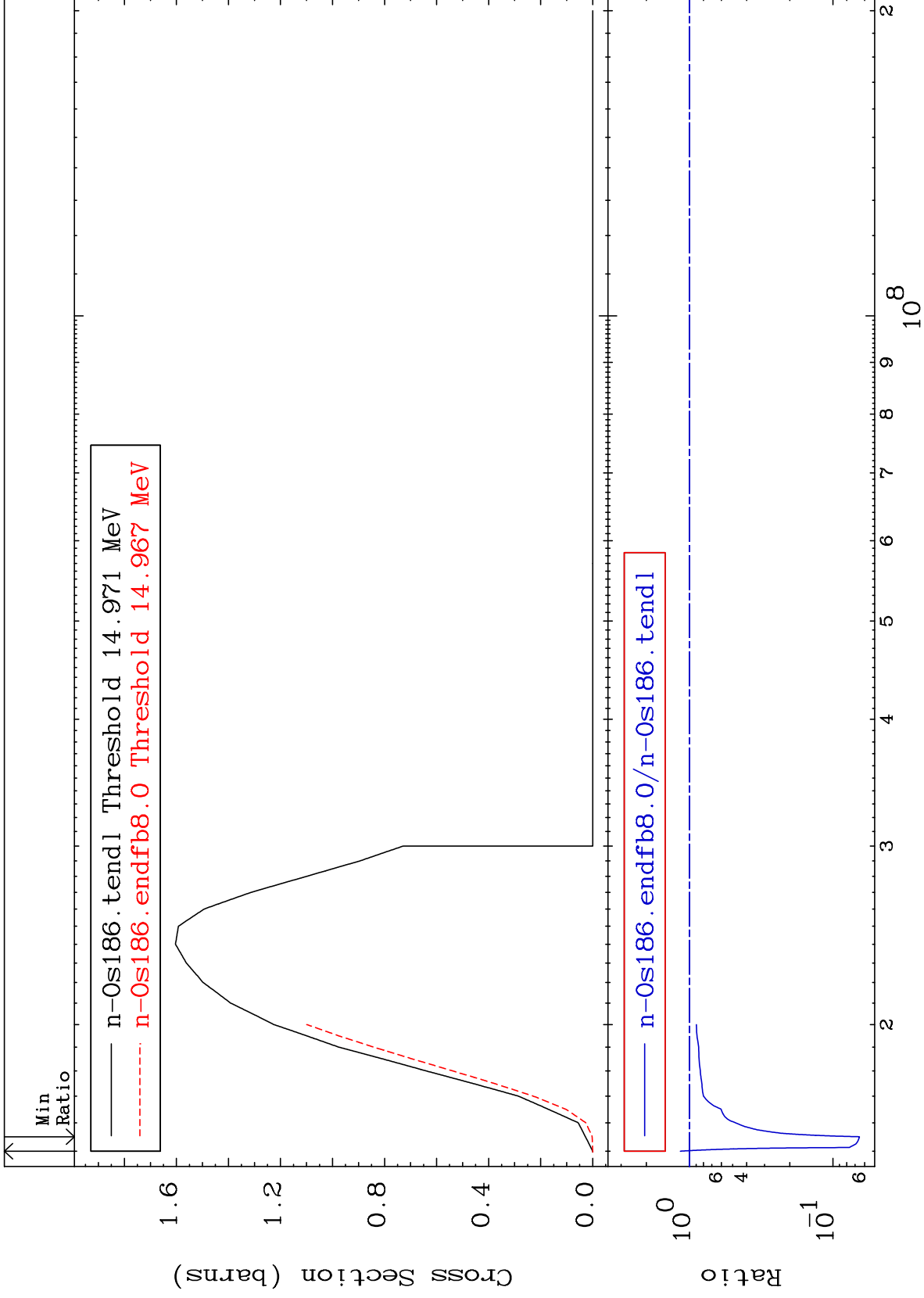
Cross Section

-77.48 To 17.83 %



Incident Energy (eV)

76-0s-186



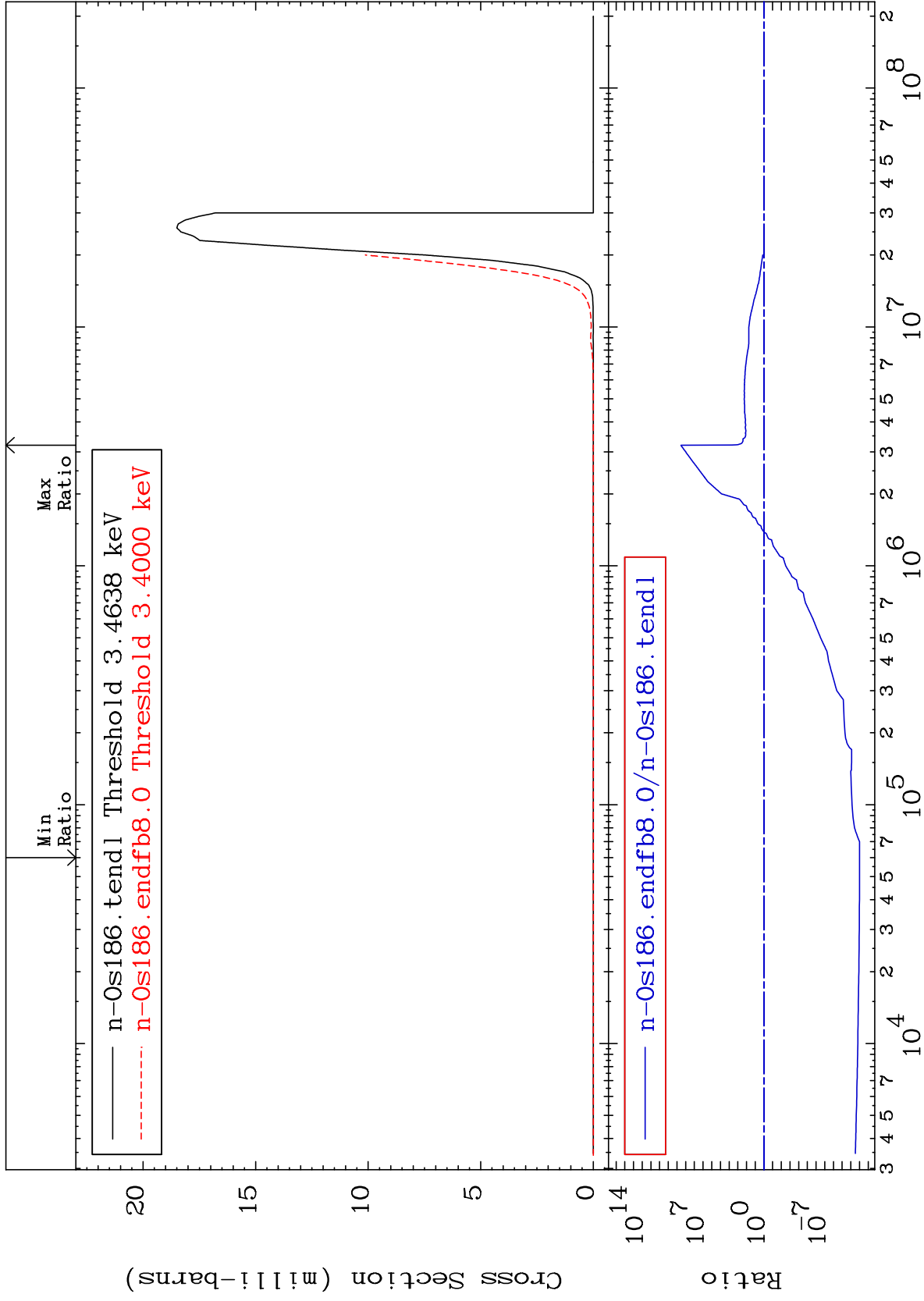
MAT 7631

(n,n')  $\alpha$

76-Os-186

Cross Section

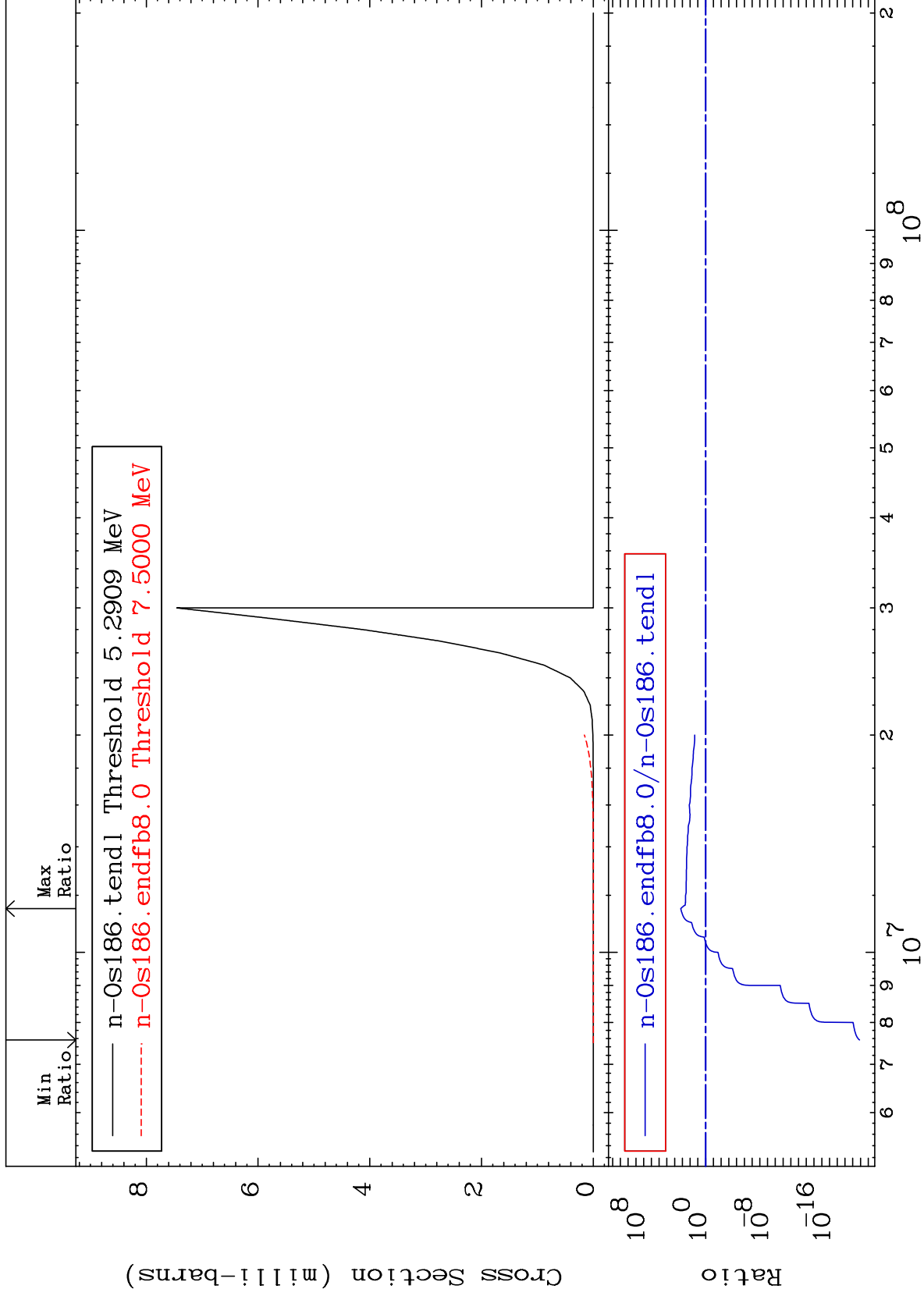
-100.0 To 9999. %



MAT 7631

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

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



7

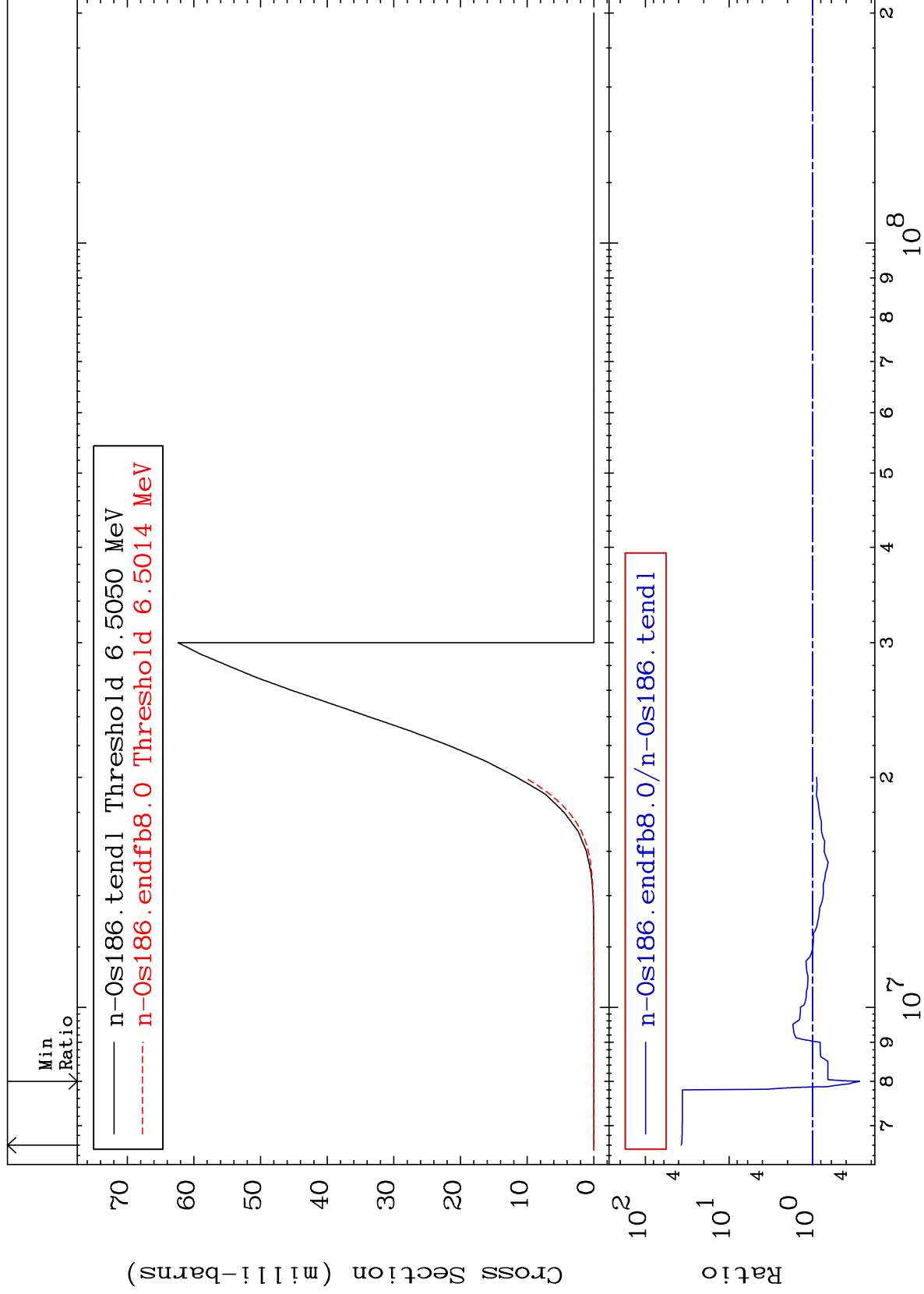
Incident Energy (eV)

76-0s-186

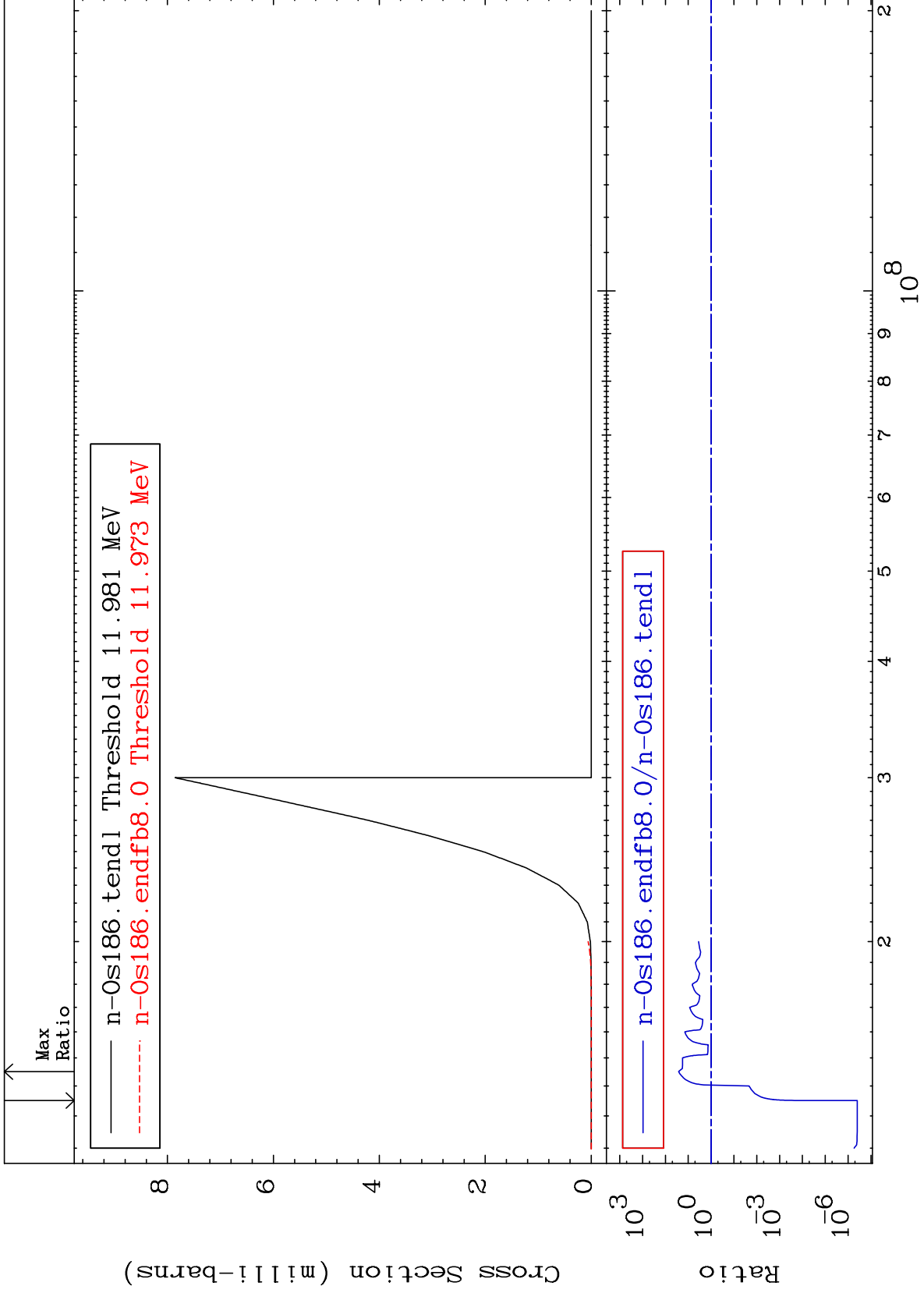
MAT 7631

(n,n') p  
Cross Section

76-0s-186  
-72.49 To 3634. %



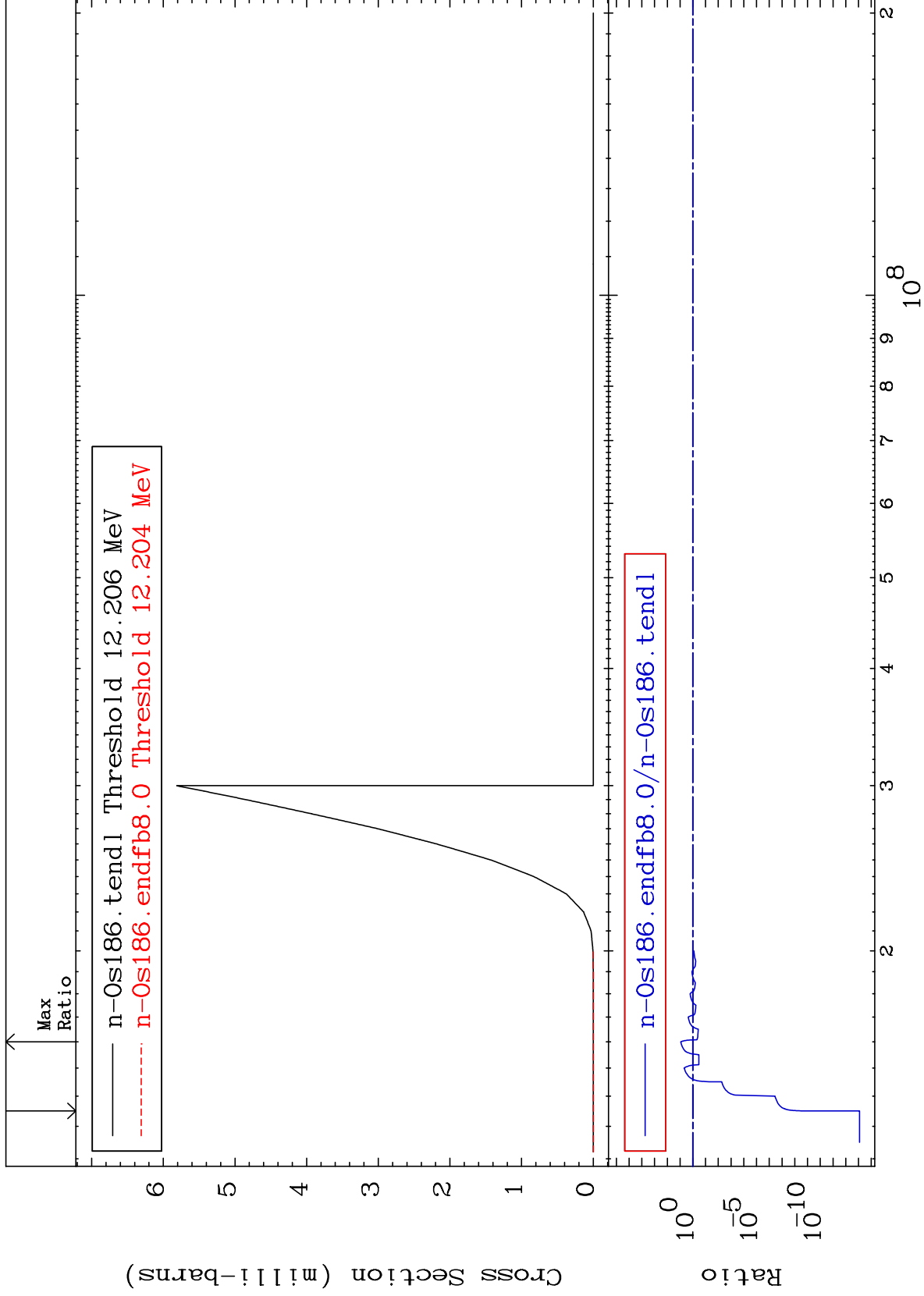




MAT 7631

(n,n') t  
Cross Section

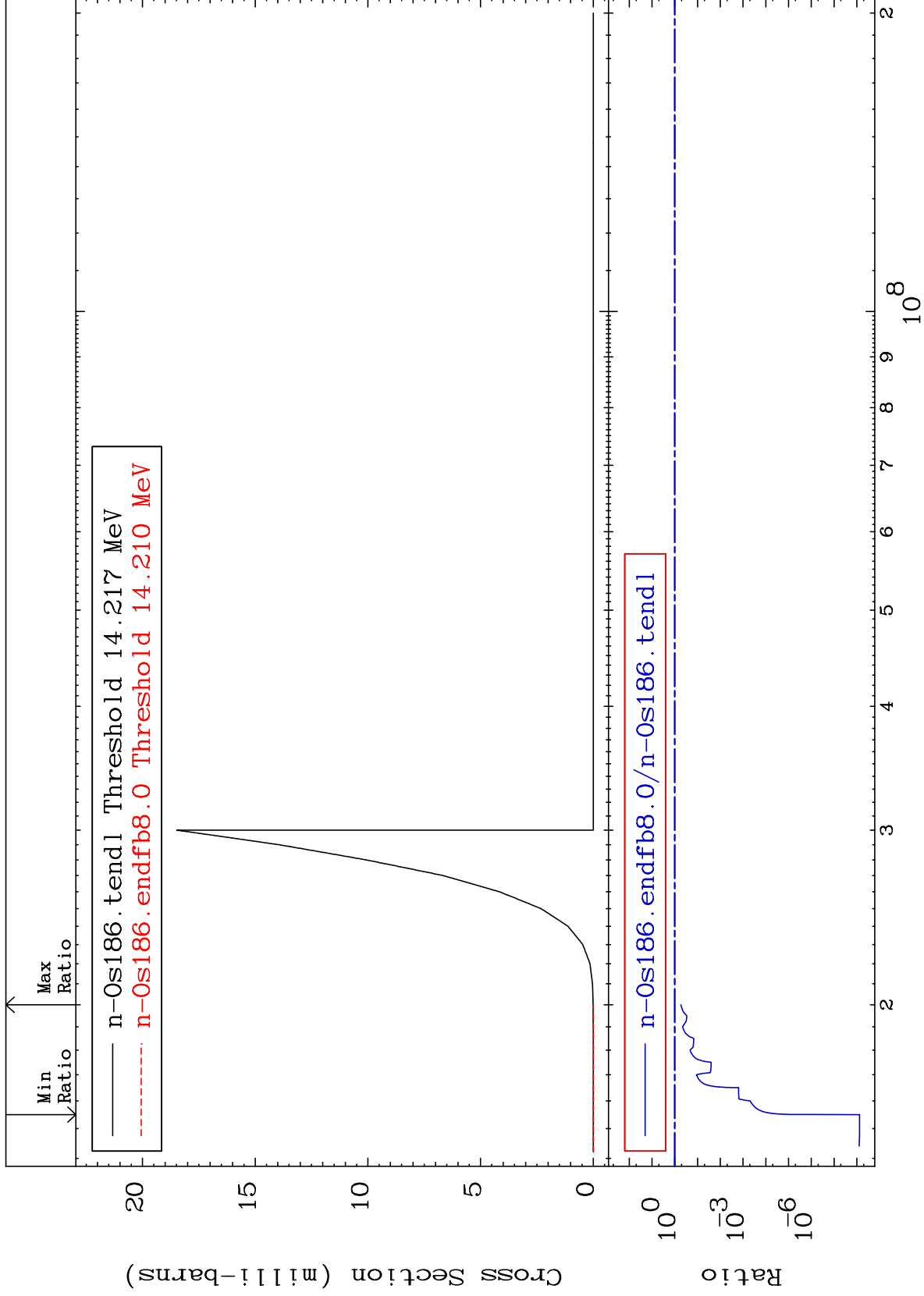
76-0s-186  
-100.0 To 777.2 %



10

Incident Energy (eV)

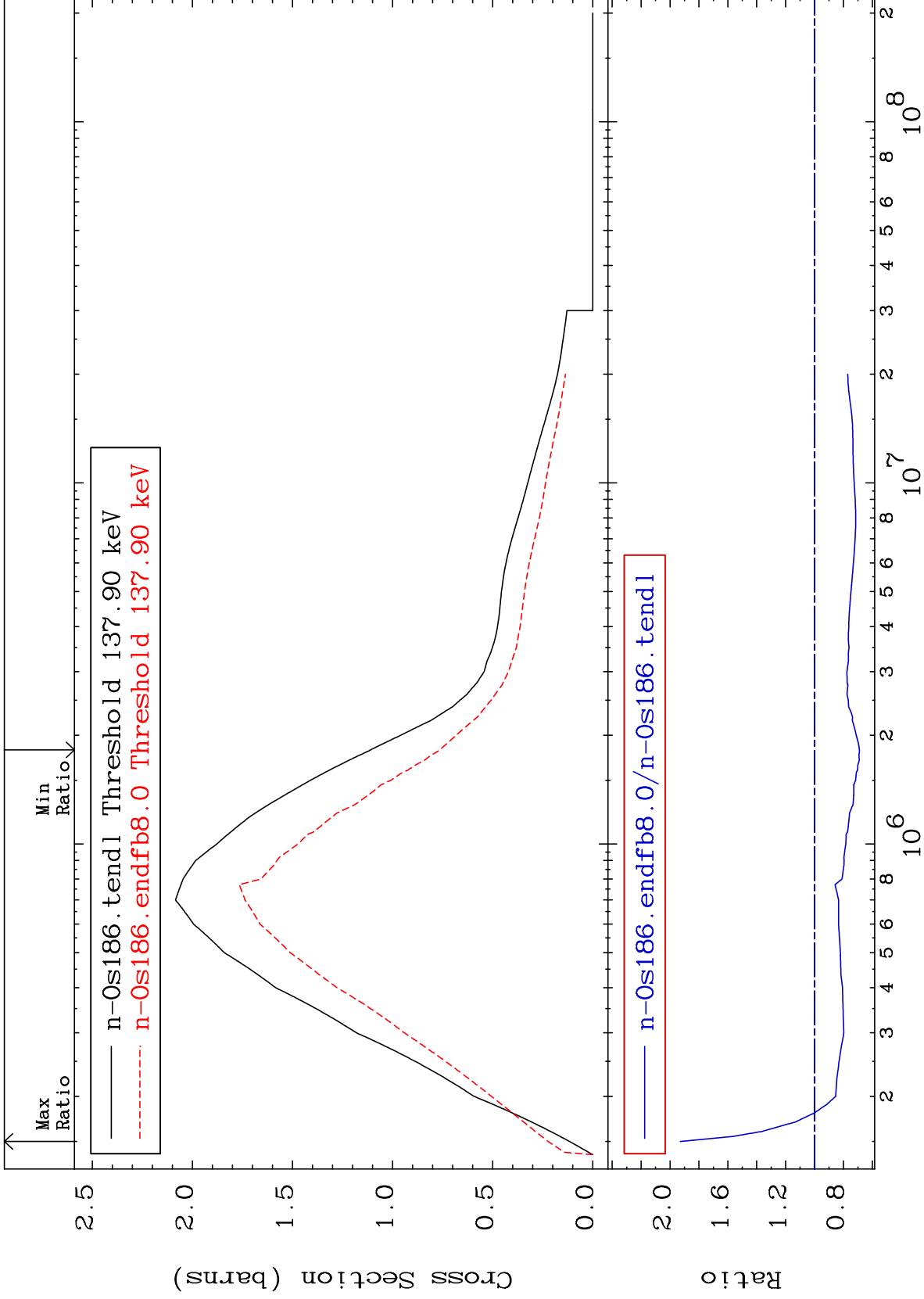
76-0s-186



MAT 7631

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

76-0s-186  
-31.08 To 92.85 %



12

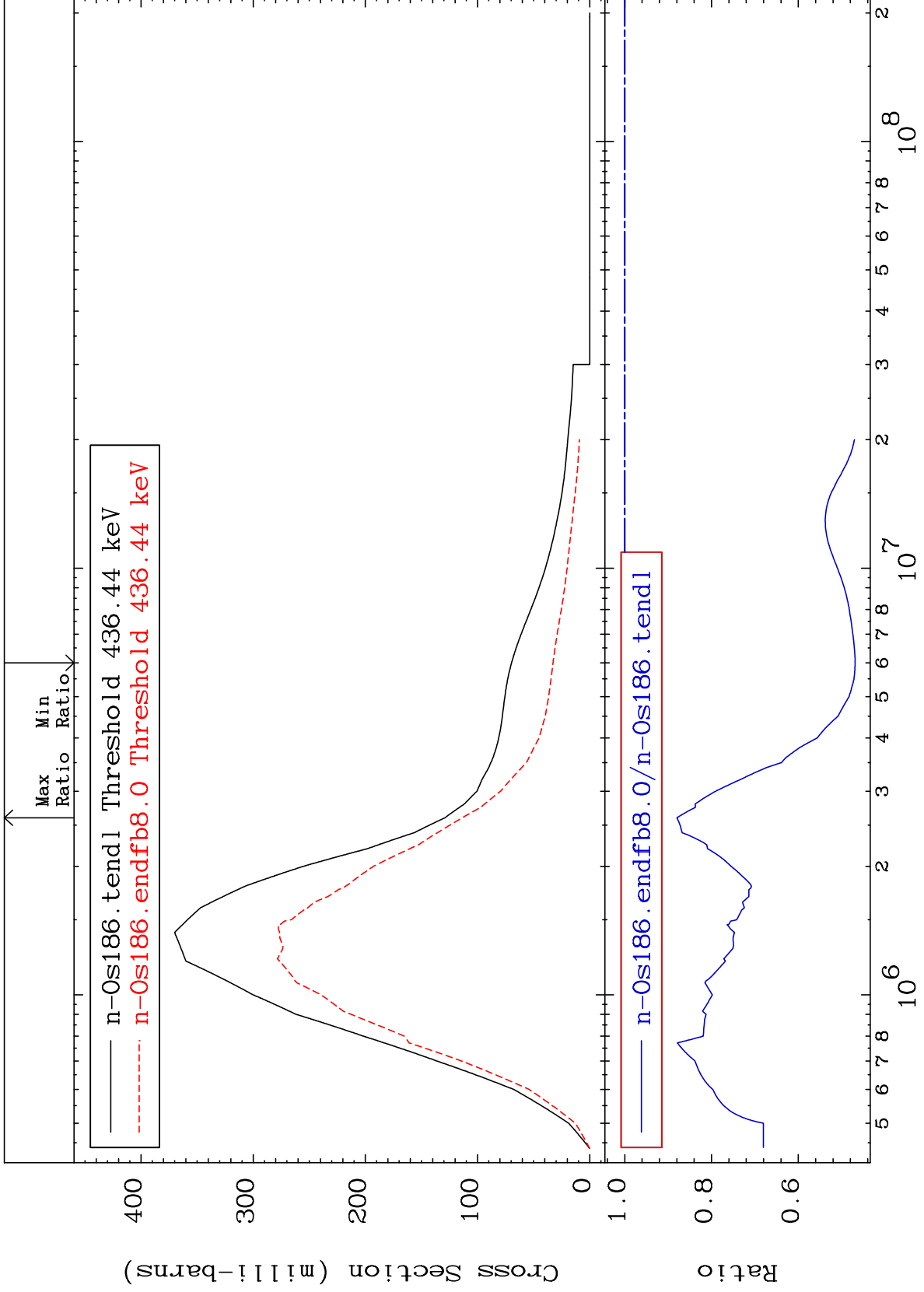
Incident Energy (eV)

76-0s-186

MAT 7631

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

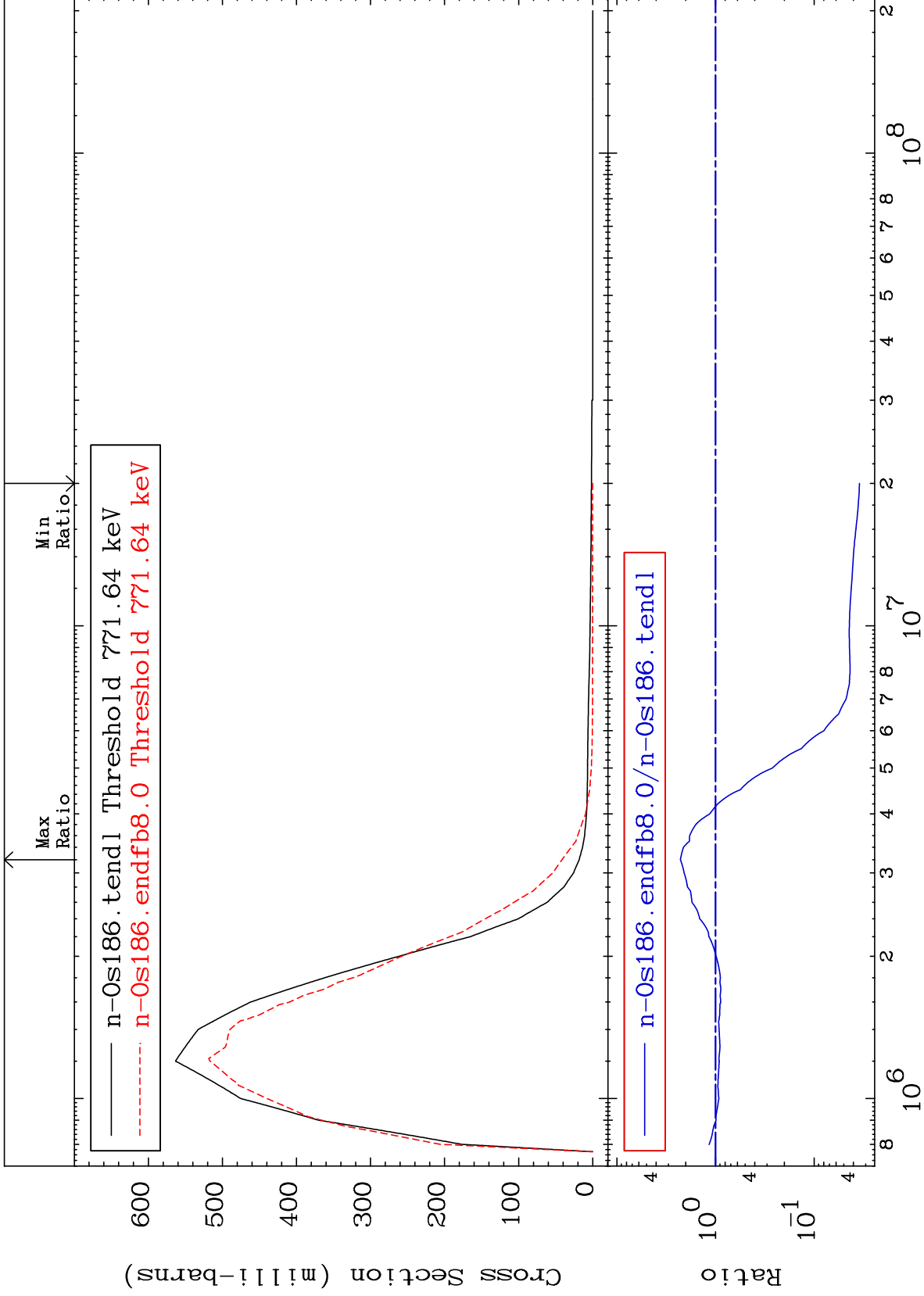
76-0s-186  
-53.09 To -12.03%



MAT 7631

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

76-0s-186  
-96.53 To 127.2 %



14

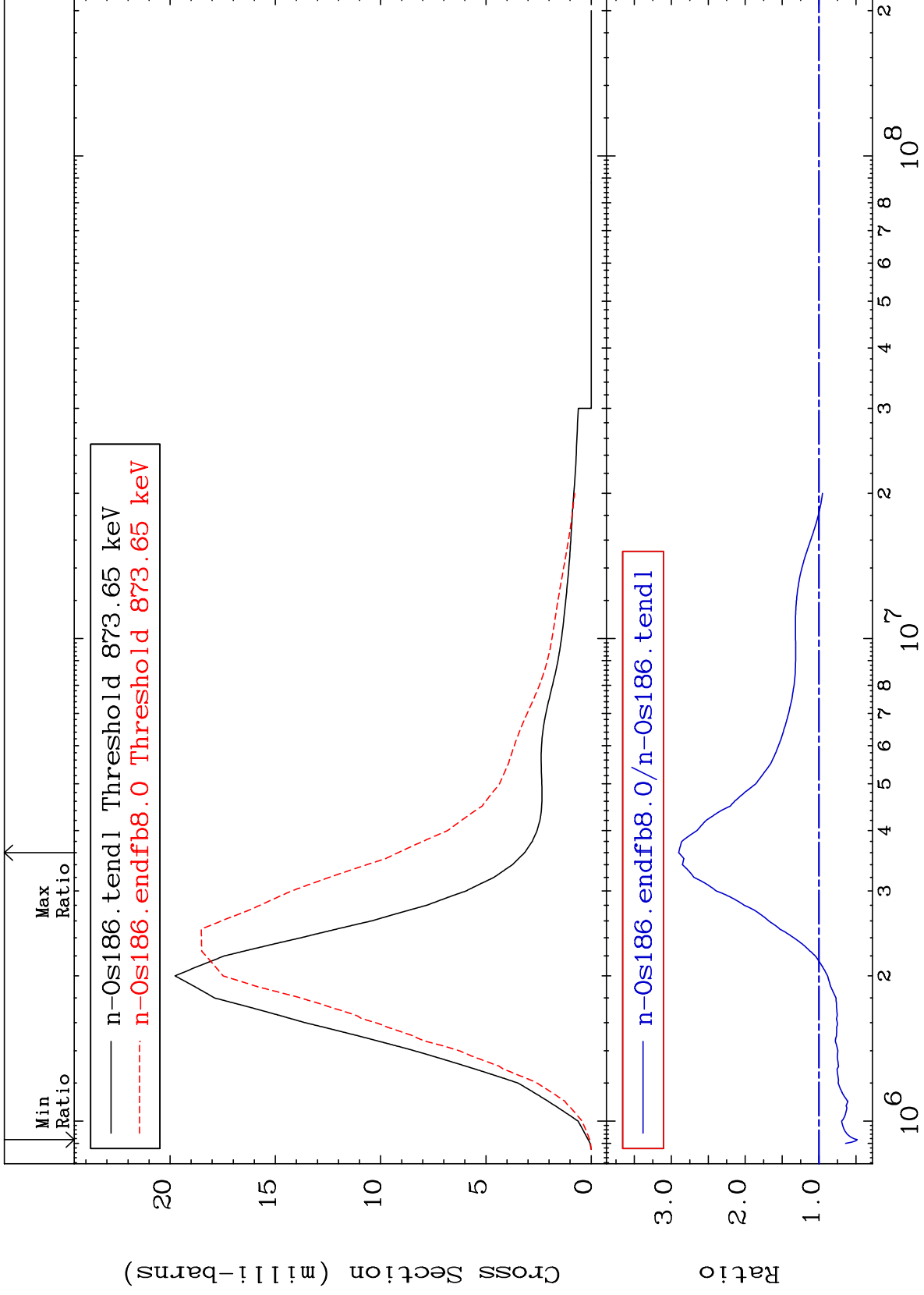
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186  
-51.73 To 190.1 %



15

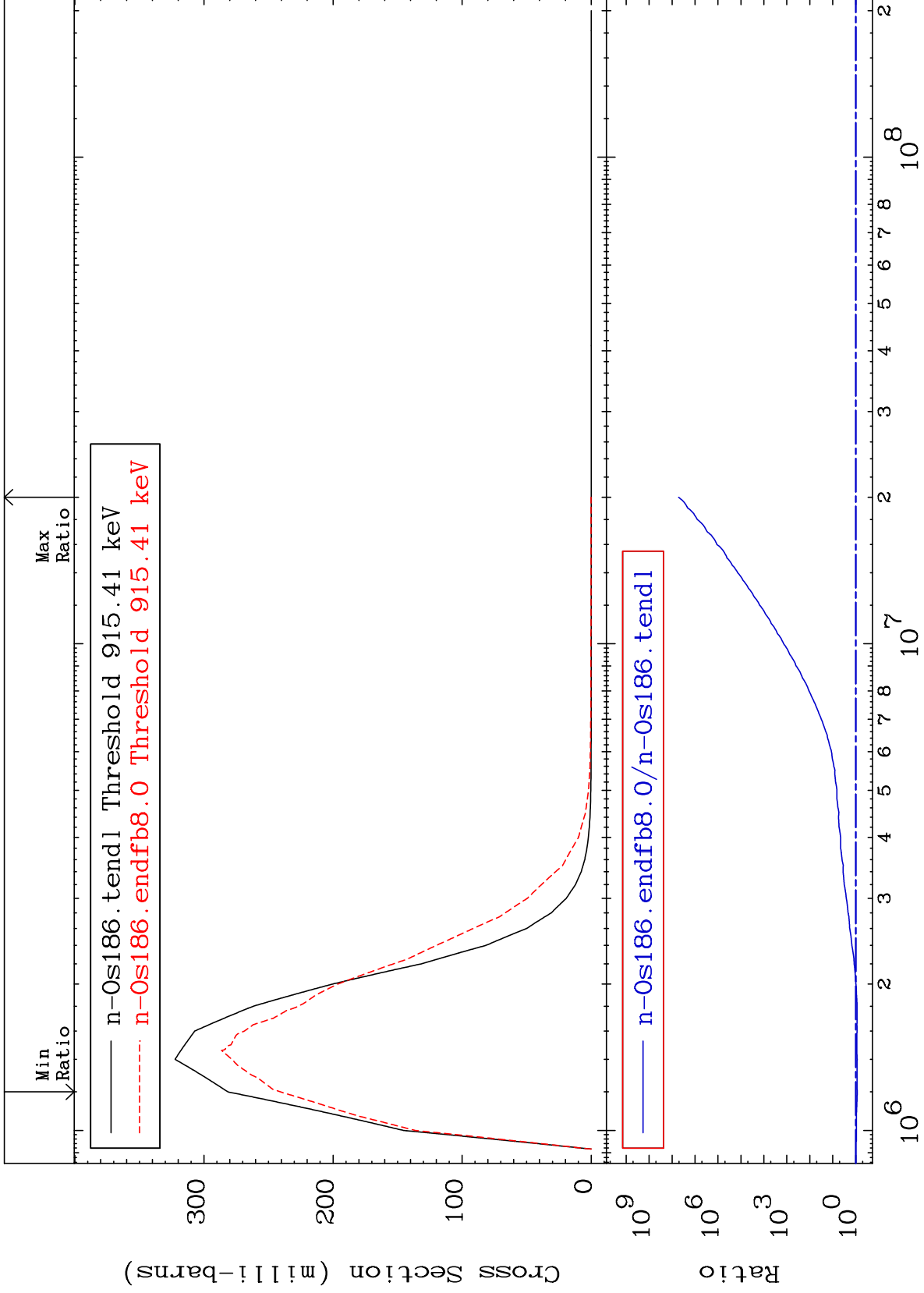
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186  
-14.45 To 9999. %



16

Incident Energy (eV)

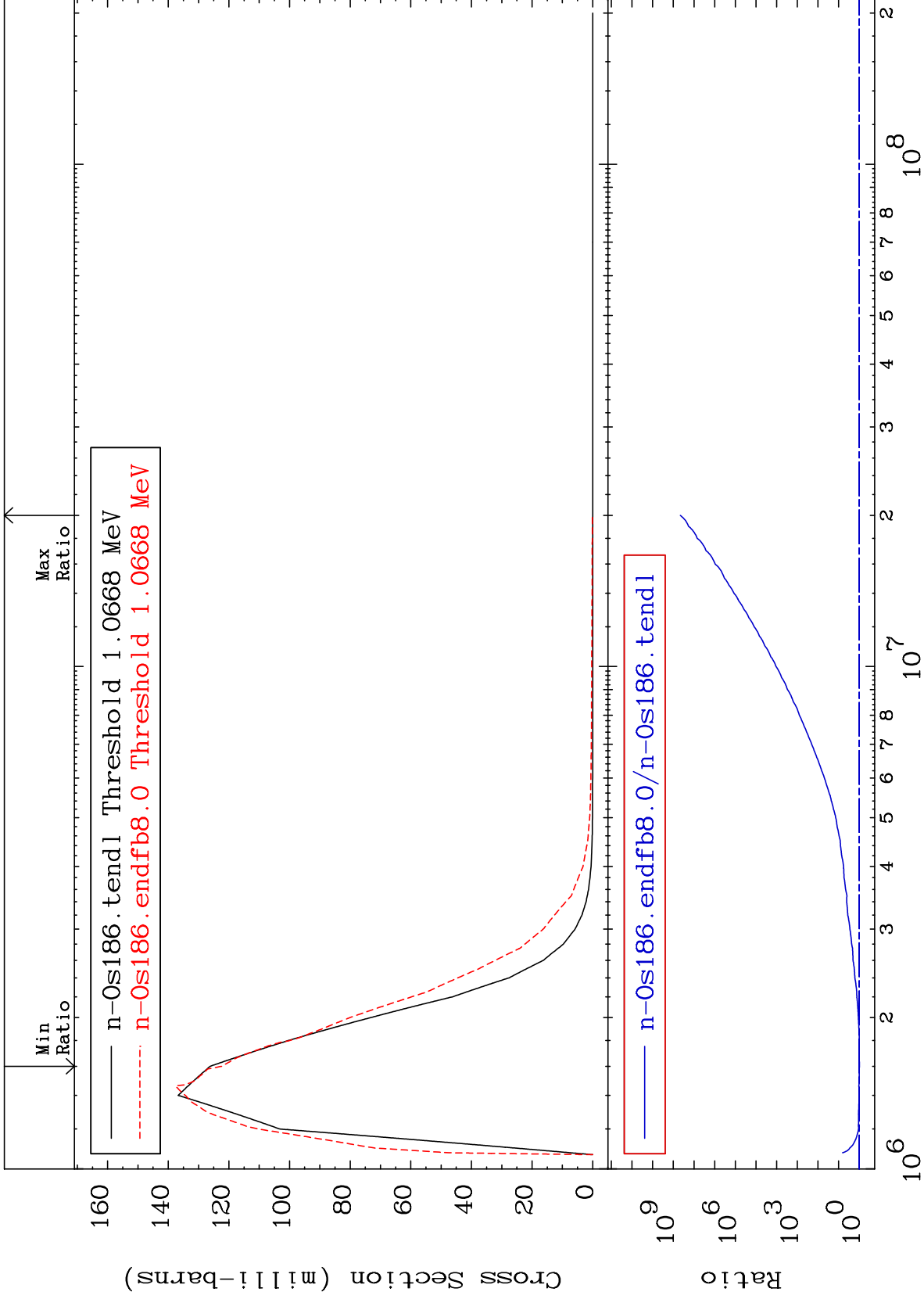
76-0s-186



MAT 7631

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

76-0s-186  
-2.971 To 9999. %



17

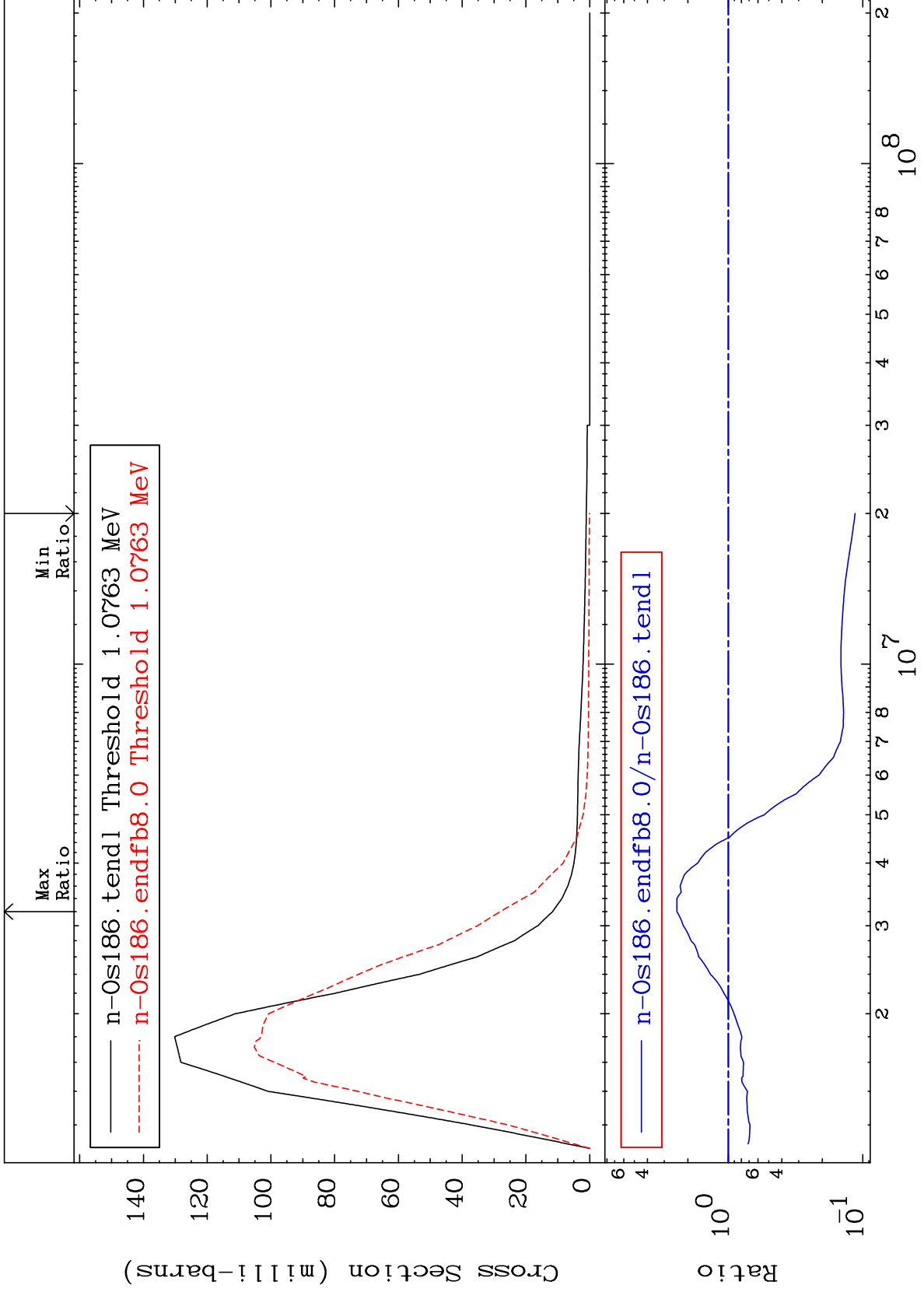
Incident Energy (eV)

76-0s-186

MAT 7631

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

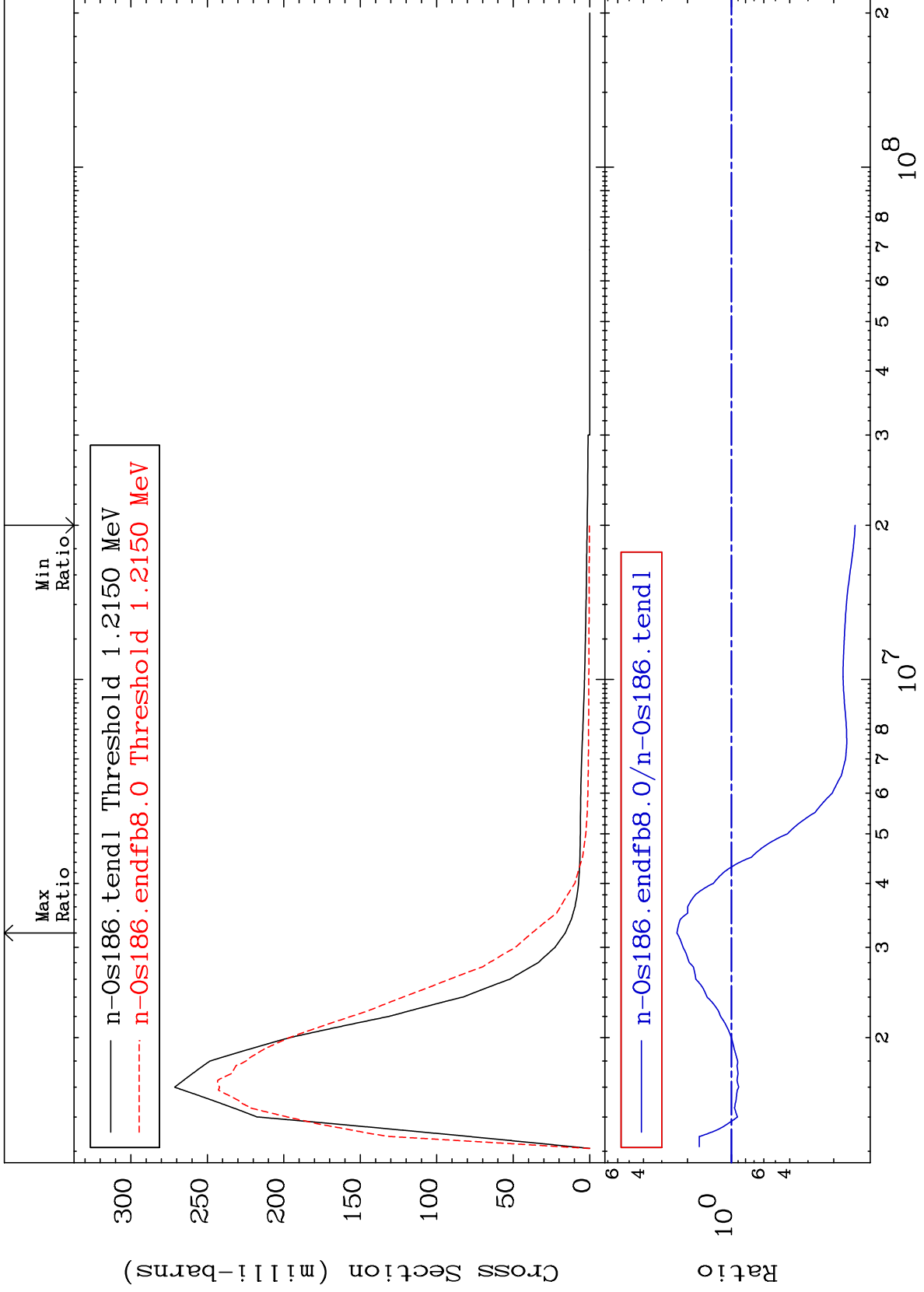
76-0s-186  
-88.61 To 141.0 %



MAT 7631

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

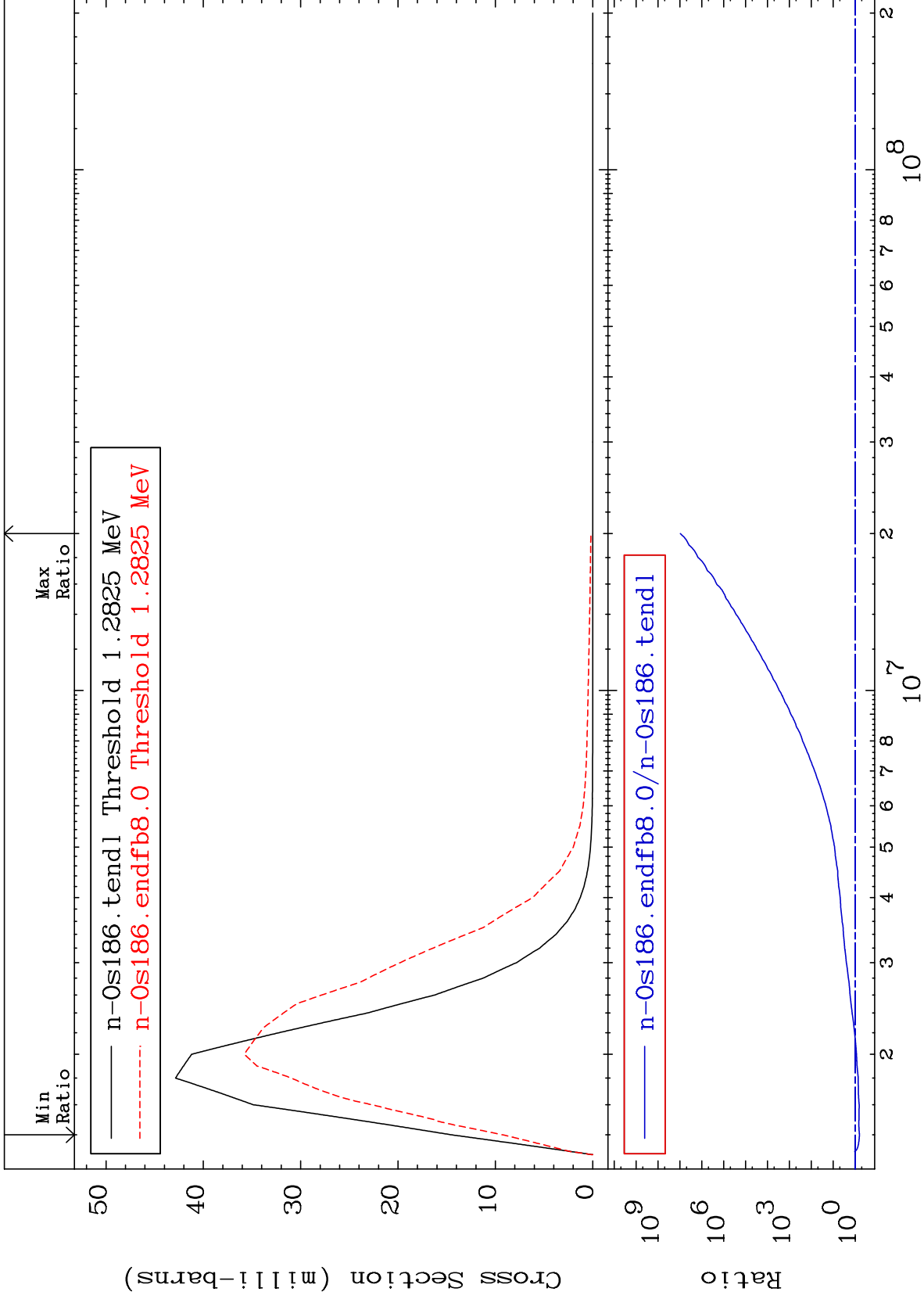
76-0s-186  
-85.72 To 136.0 %



MAT 7631

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

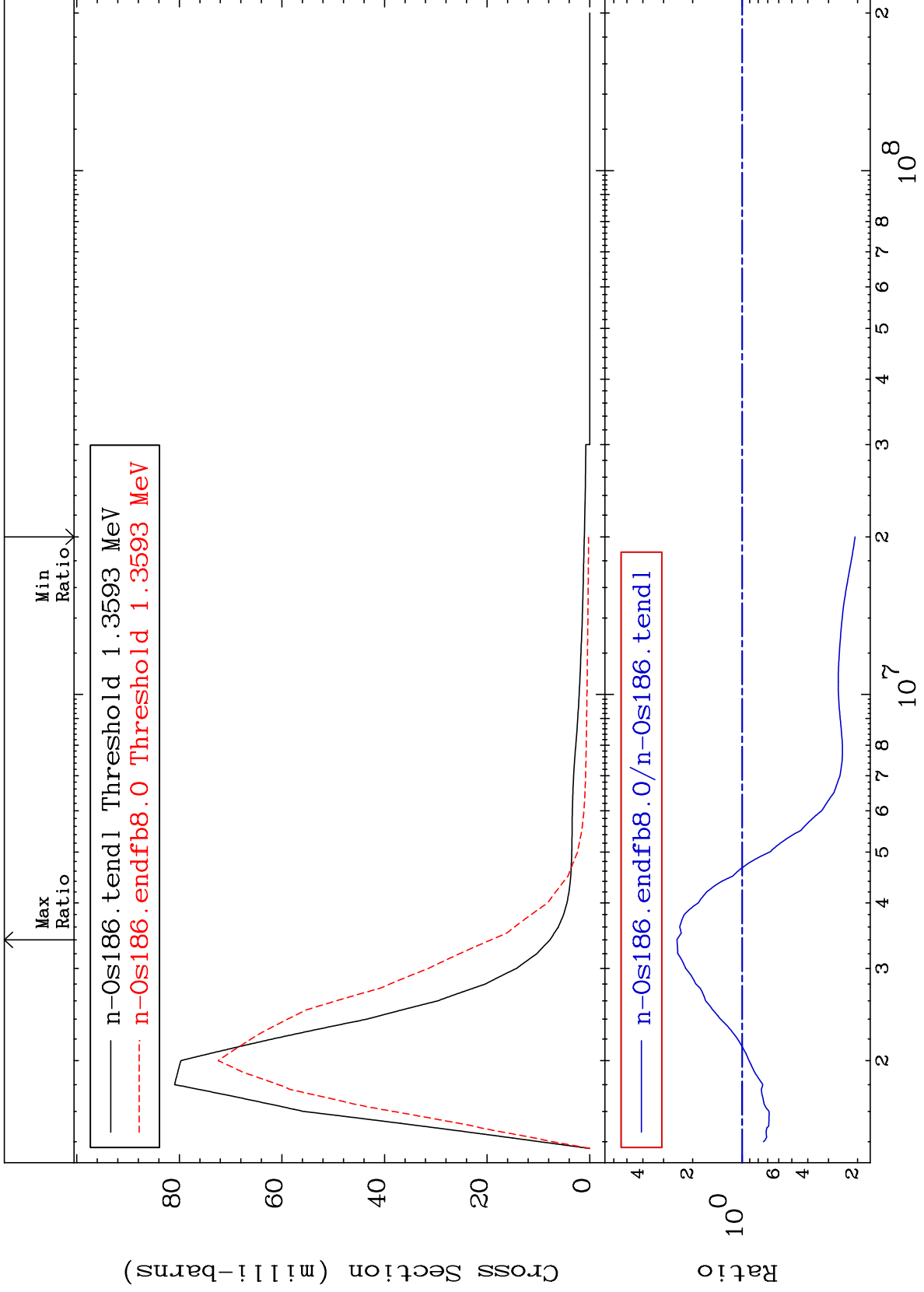
76-0s-186  
-36.20 To 9999. %

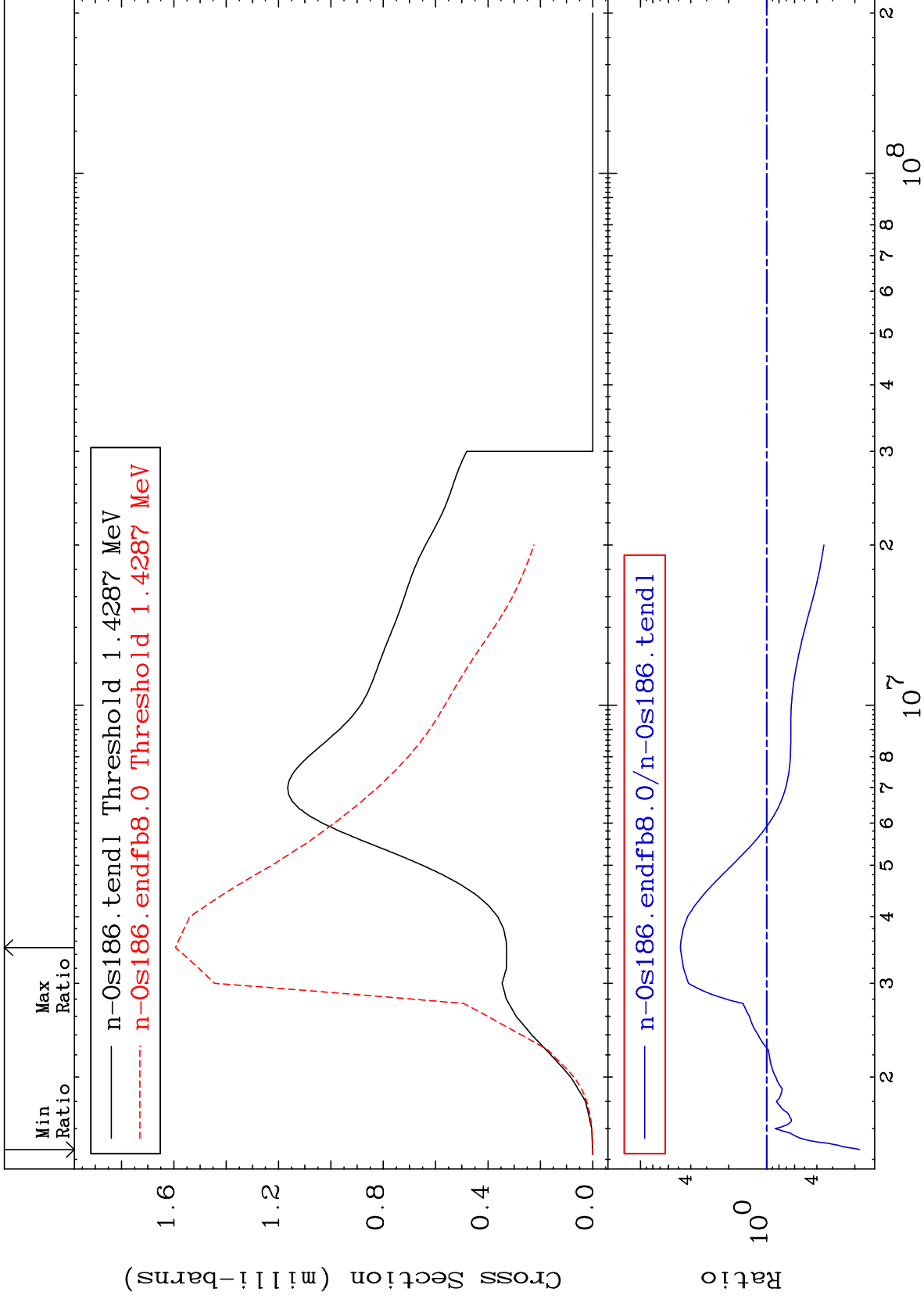


MAT 7631

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

76-0s-186  
-79.32 To 148.9 %

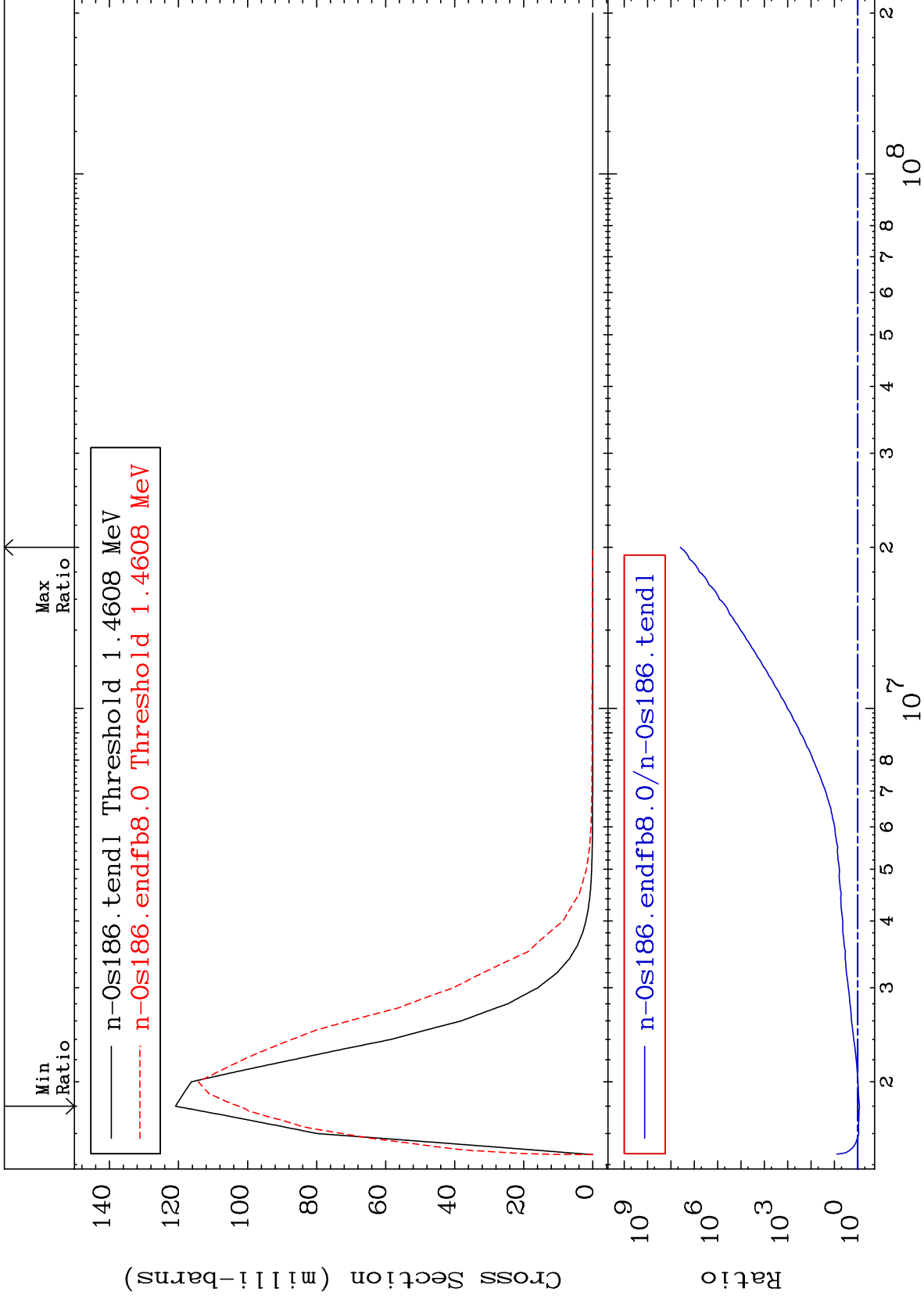




MAT 7631

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

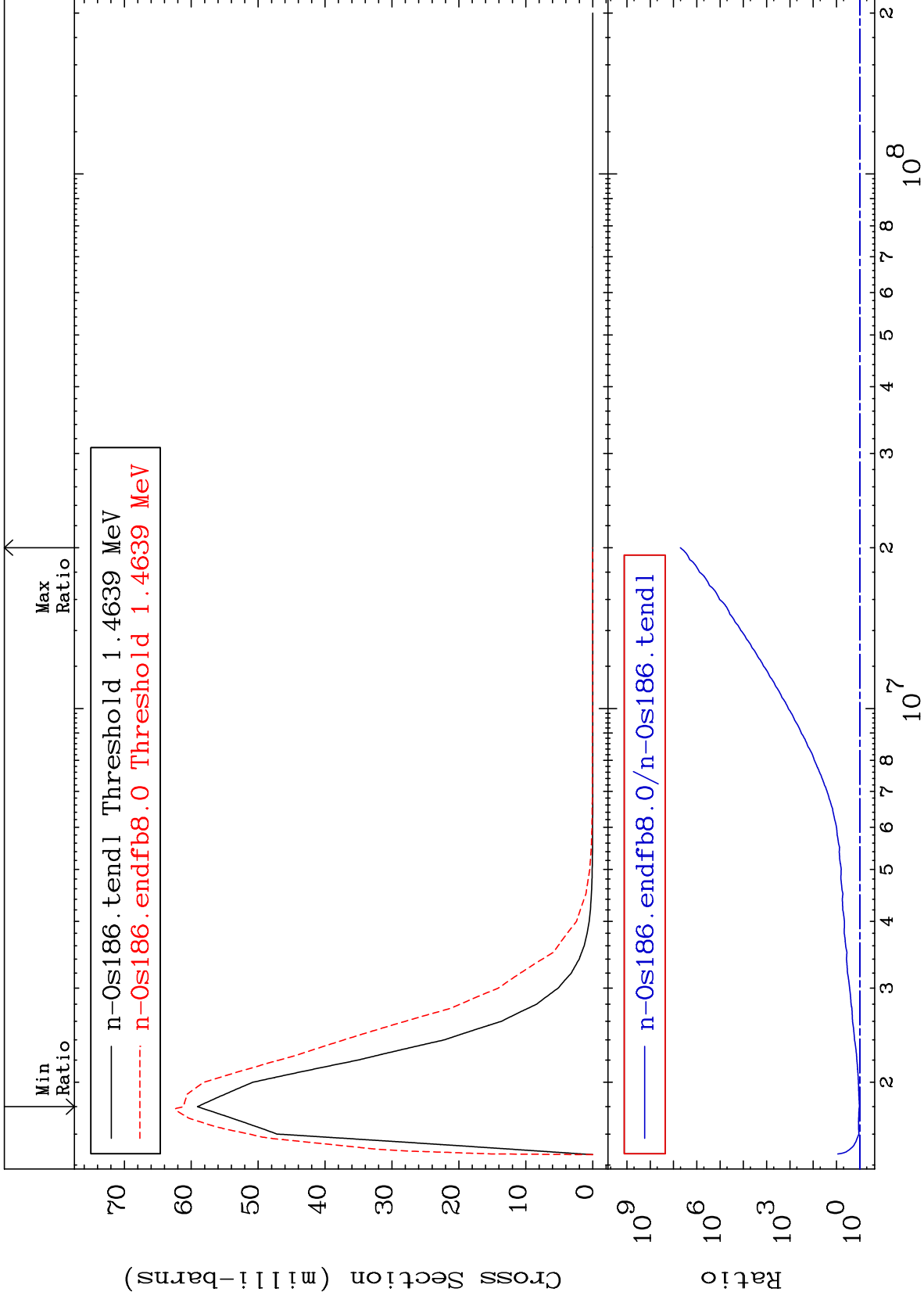
76-0s-186  
-15.18 To 9999. %



MAT 7631

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

76-0s-186  
3.549 To 9999. %

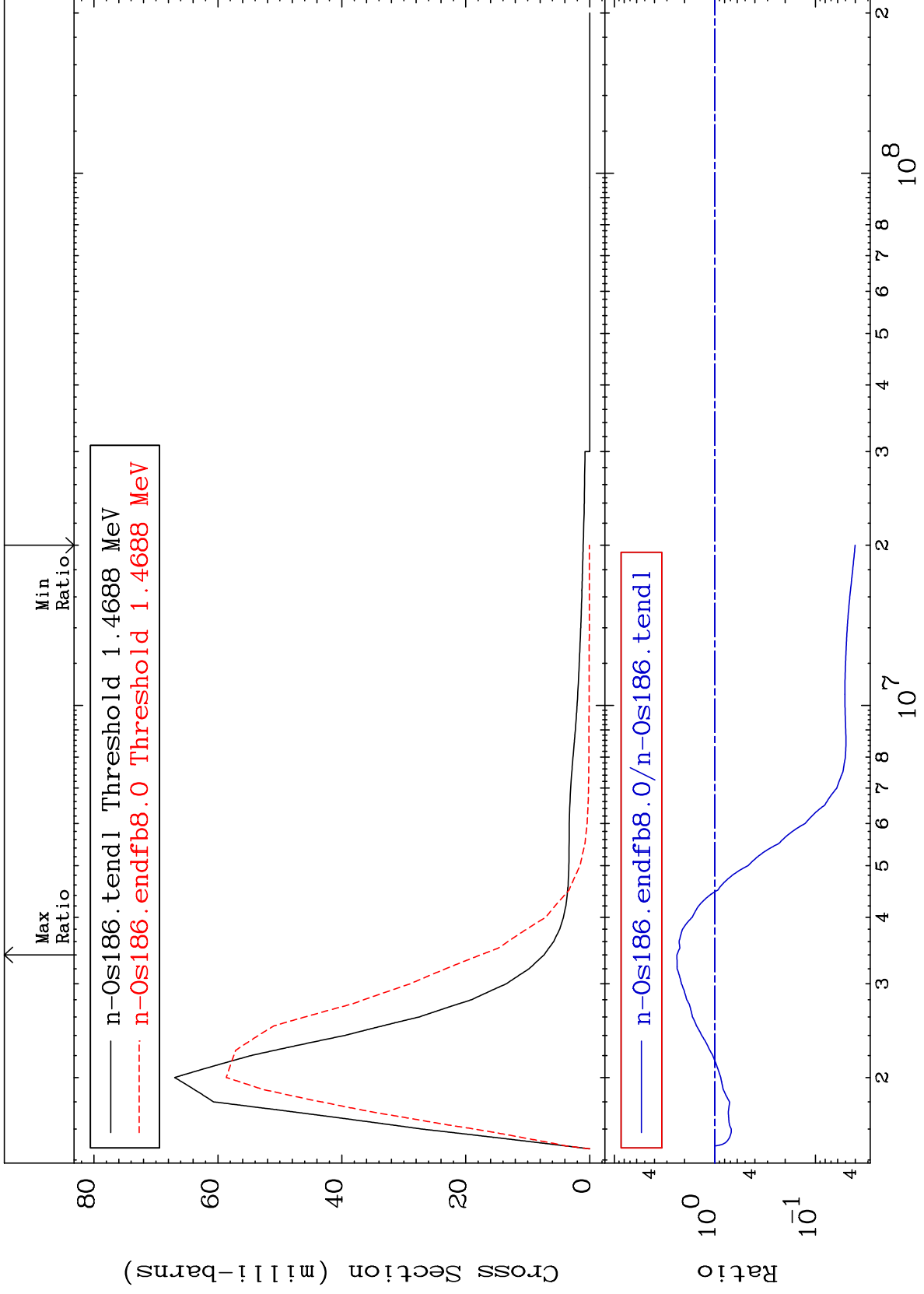




MAT 7631

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

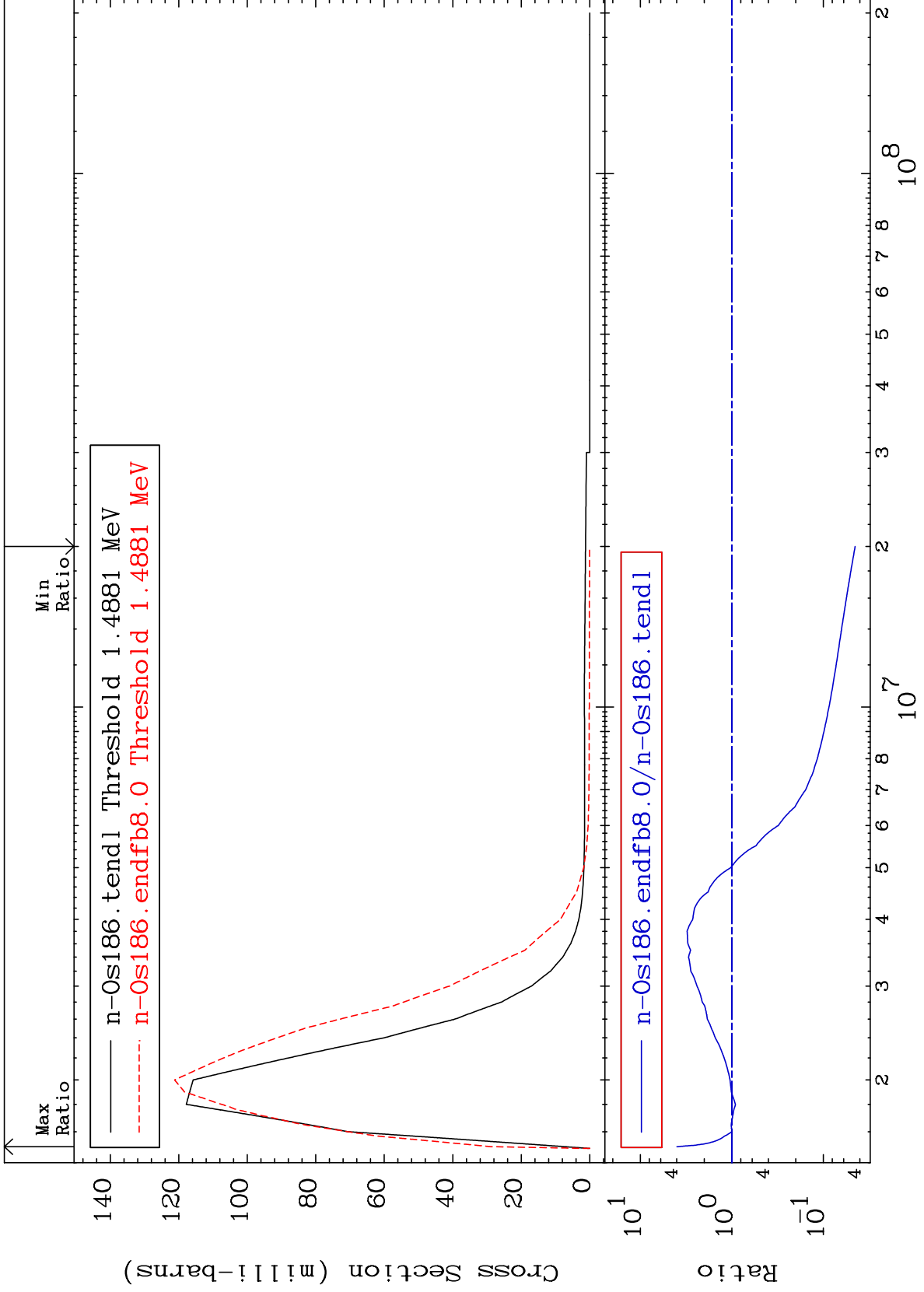
76-0s-186  
-95.97 To 138.7 %



MAT 7631

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

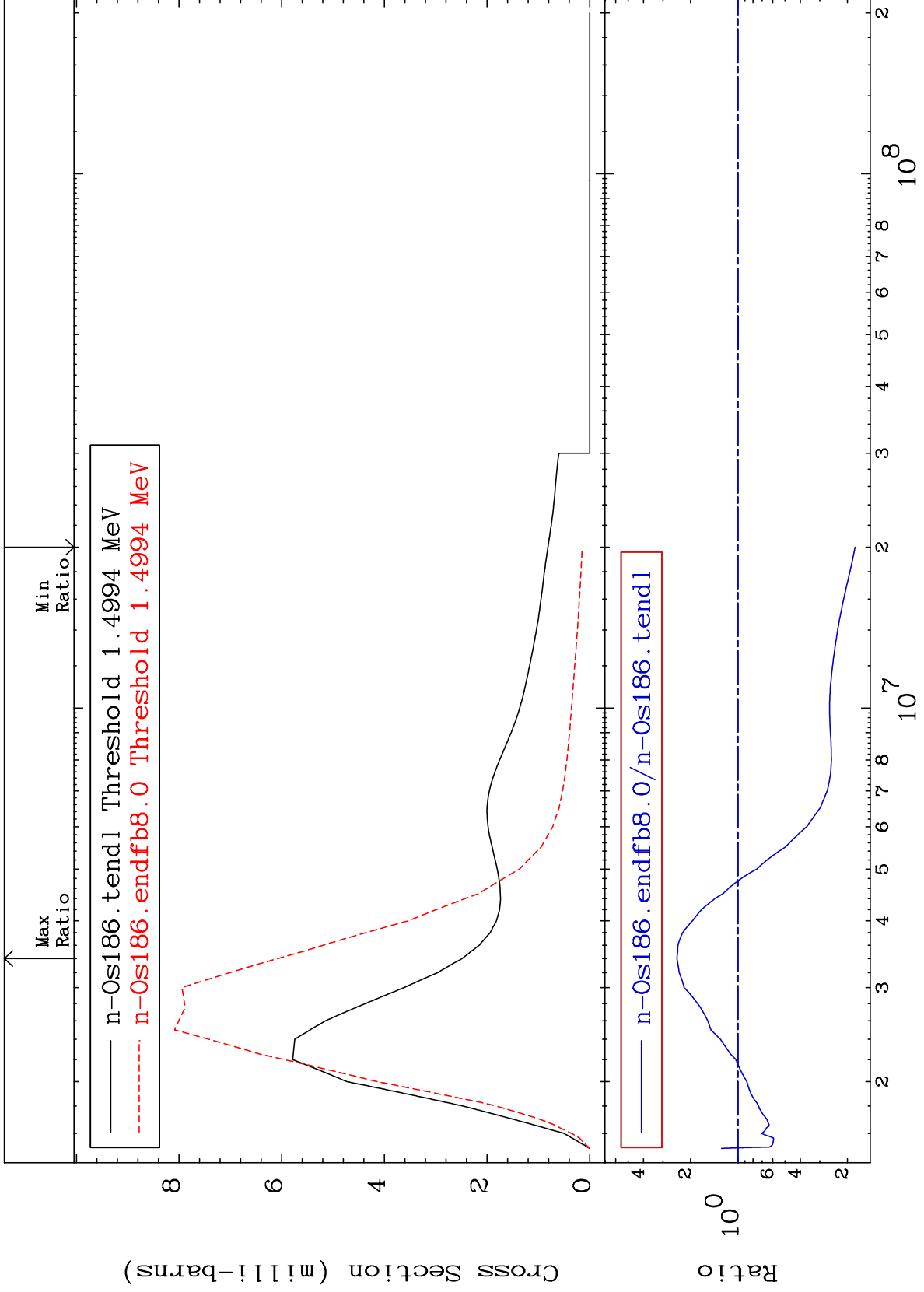
76-0s-186  
-95.50 To 298.5 %

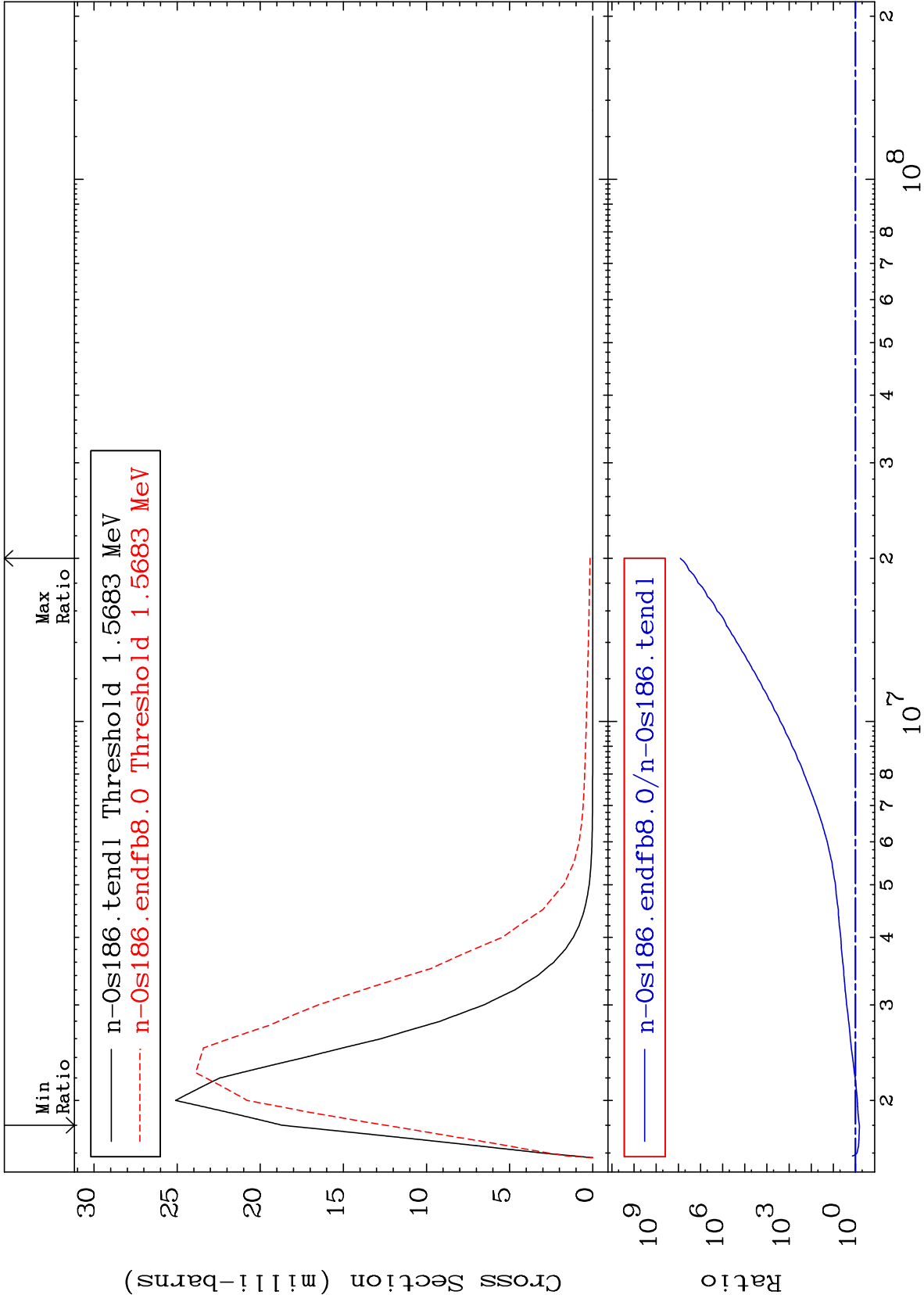


MAT 7631

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

76-0s-186  
-82.11 To 144.5 %

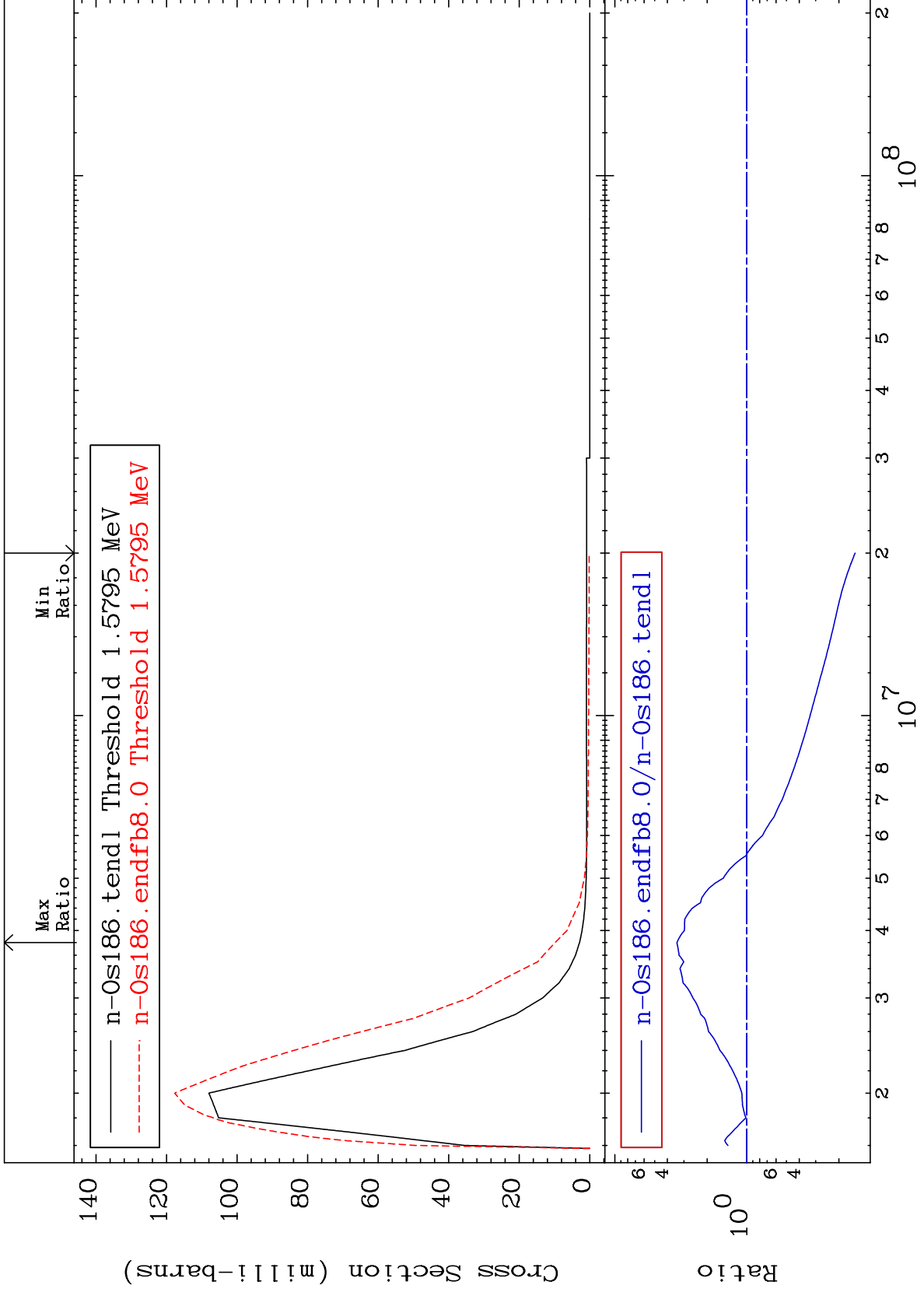




MAT 7631

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

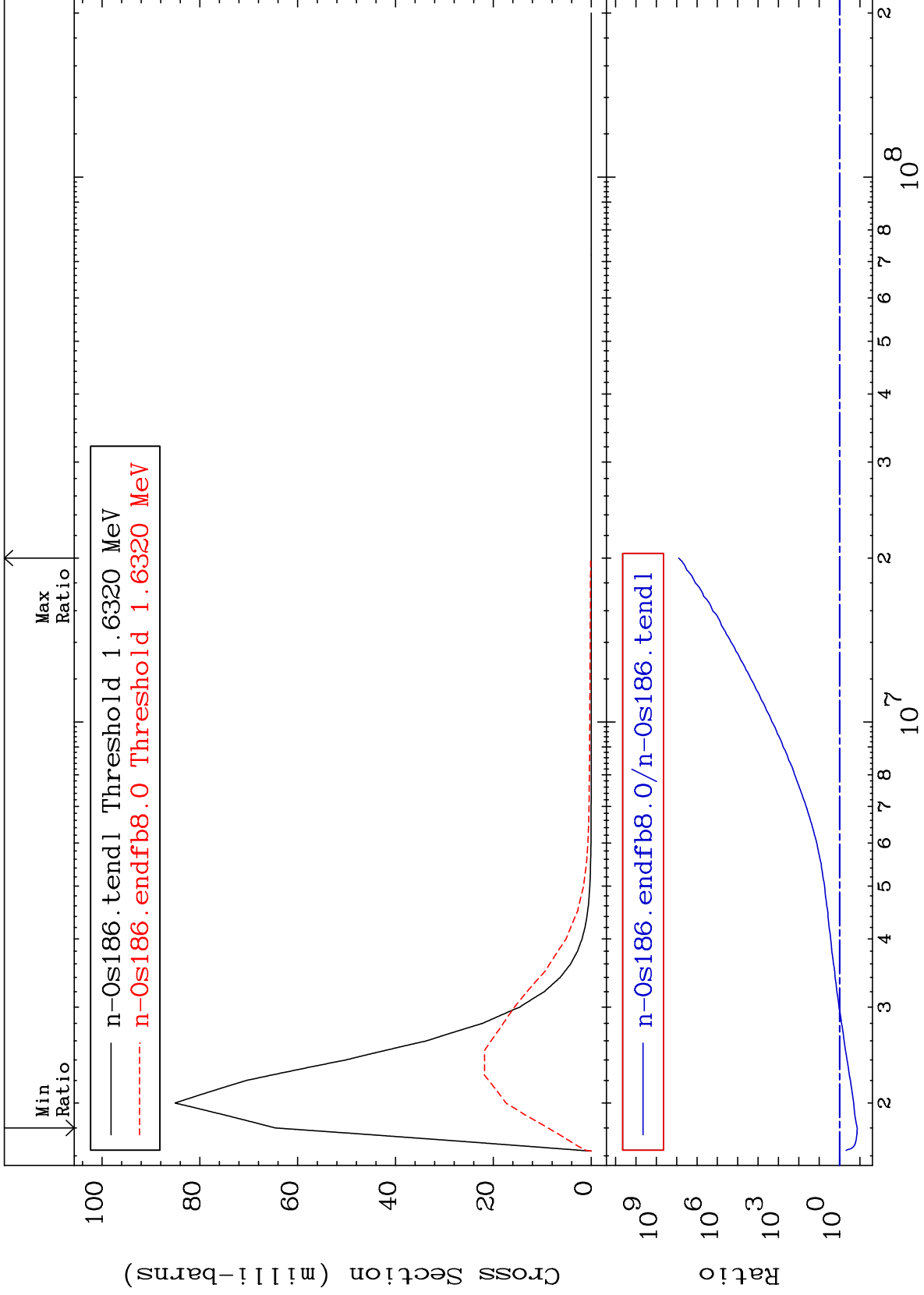
76-0s-186  
-84.91 To 238.6 %



MAT 7631

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

76-0s-186  
-86.33 To 9999. %

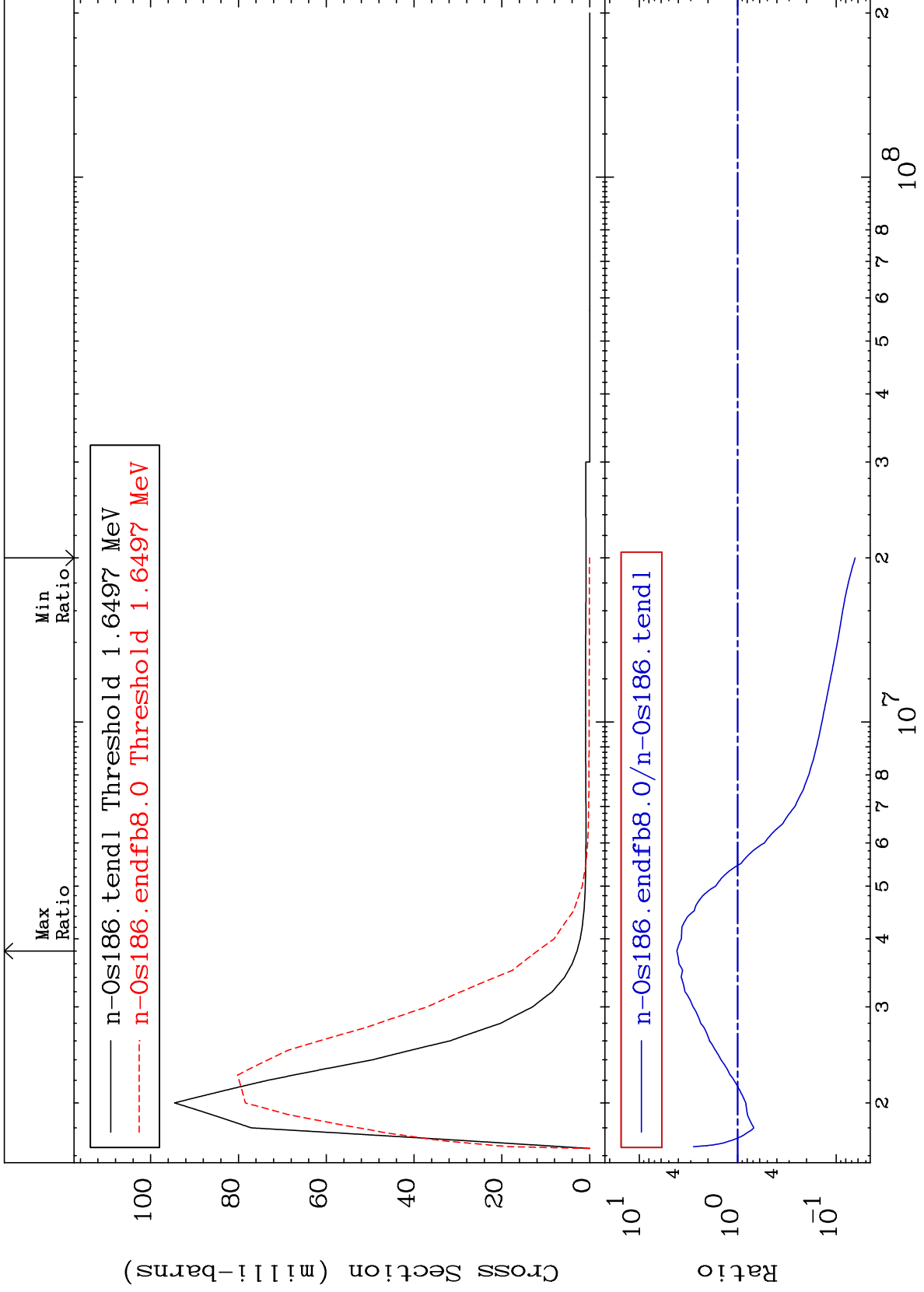




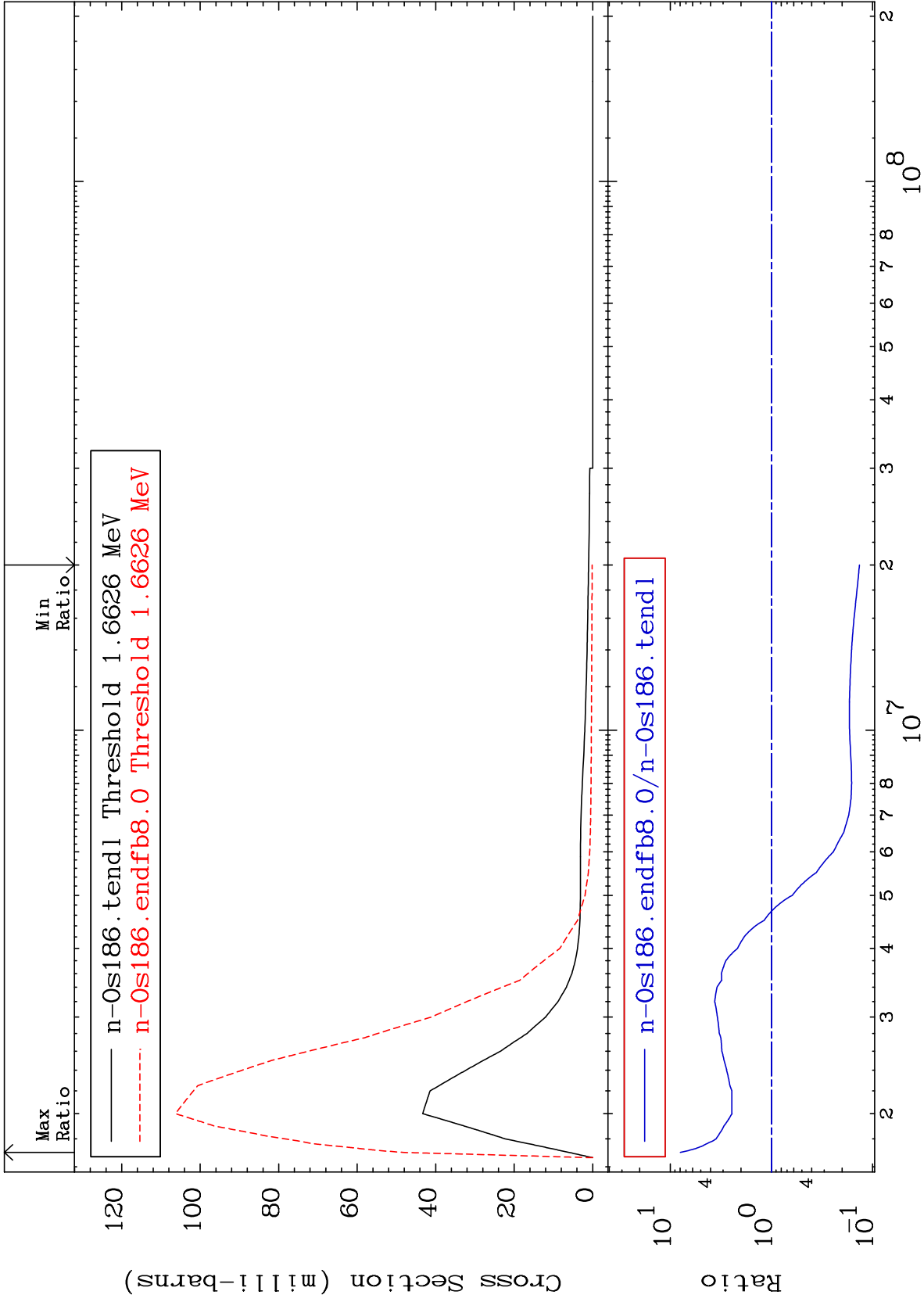
MAT 7631

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

76-0s-186  
-93.57 To 314.3 %



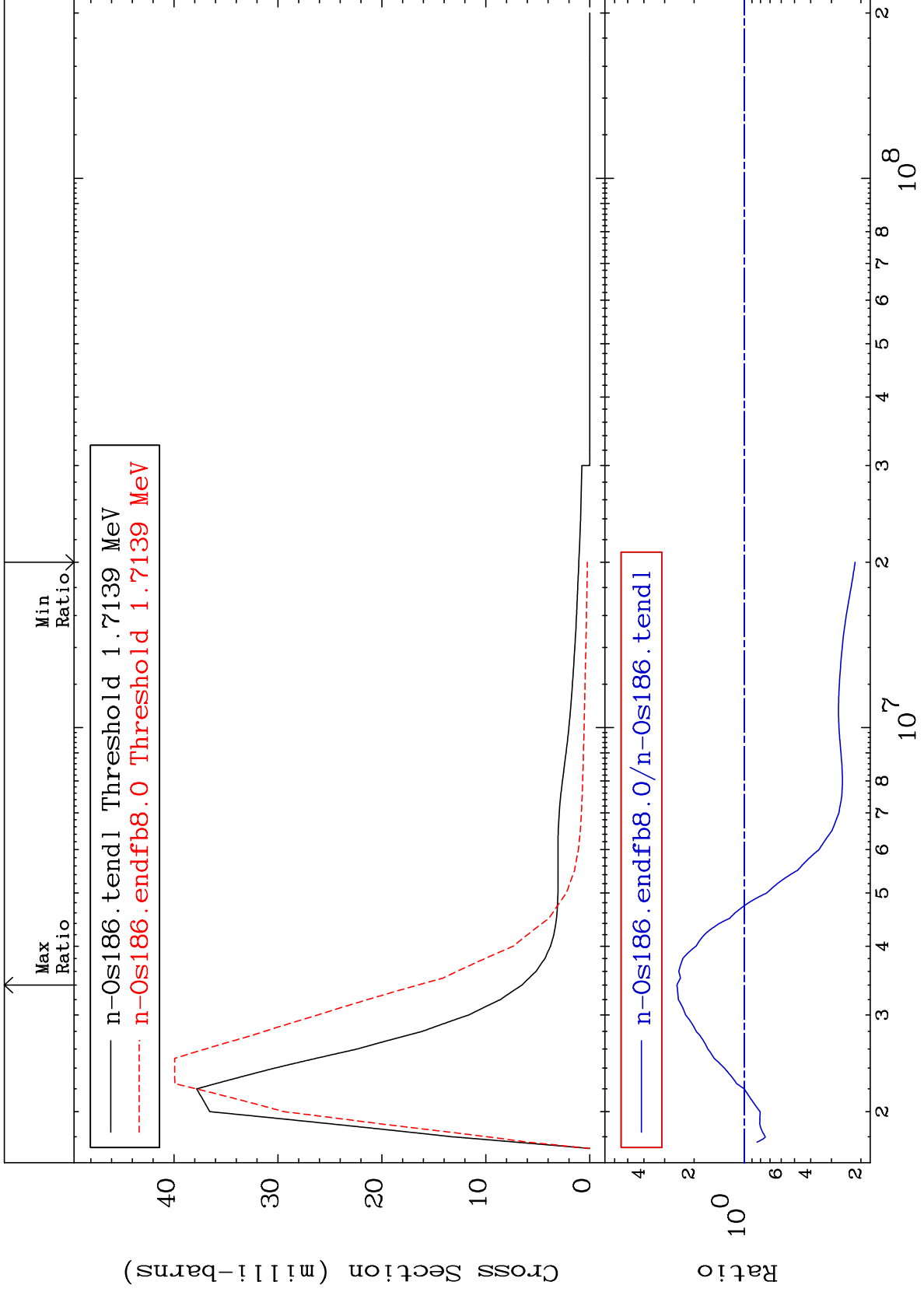




MAT 7631

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

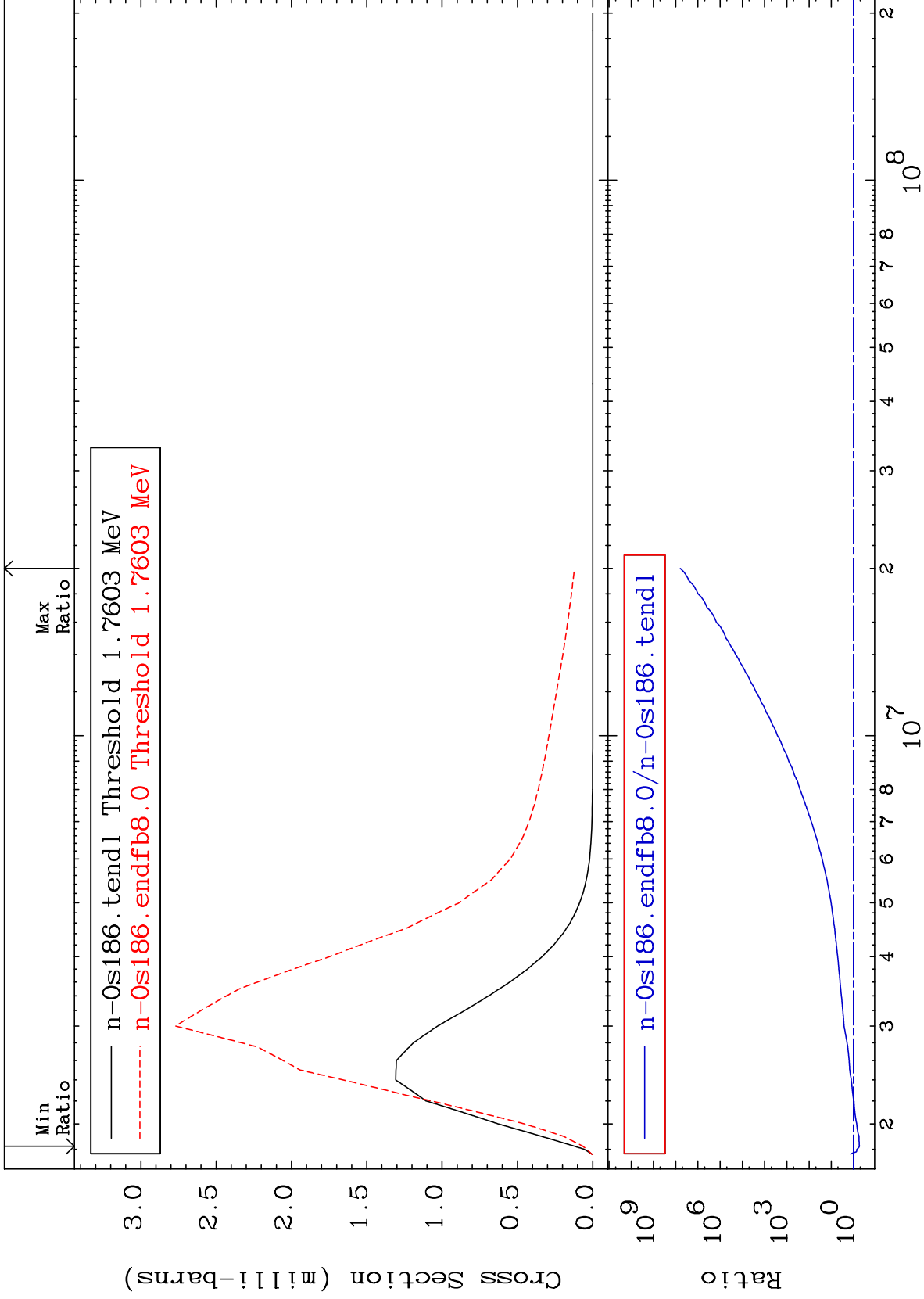
76-0s-186  
-78.36 To 153.5 %



MAT 7631

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

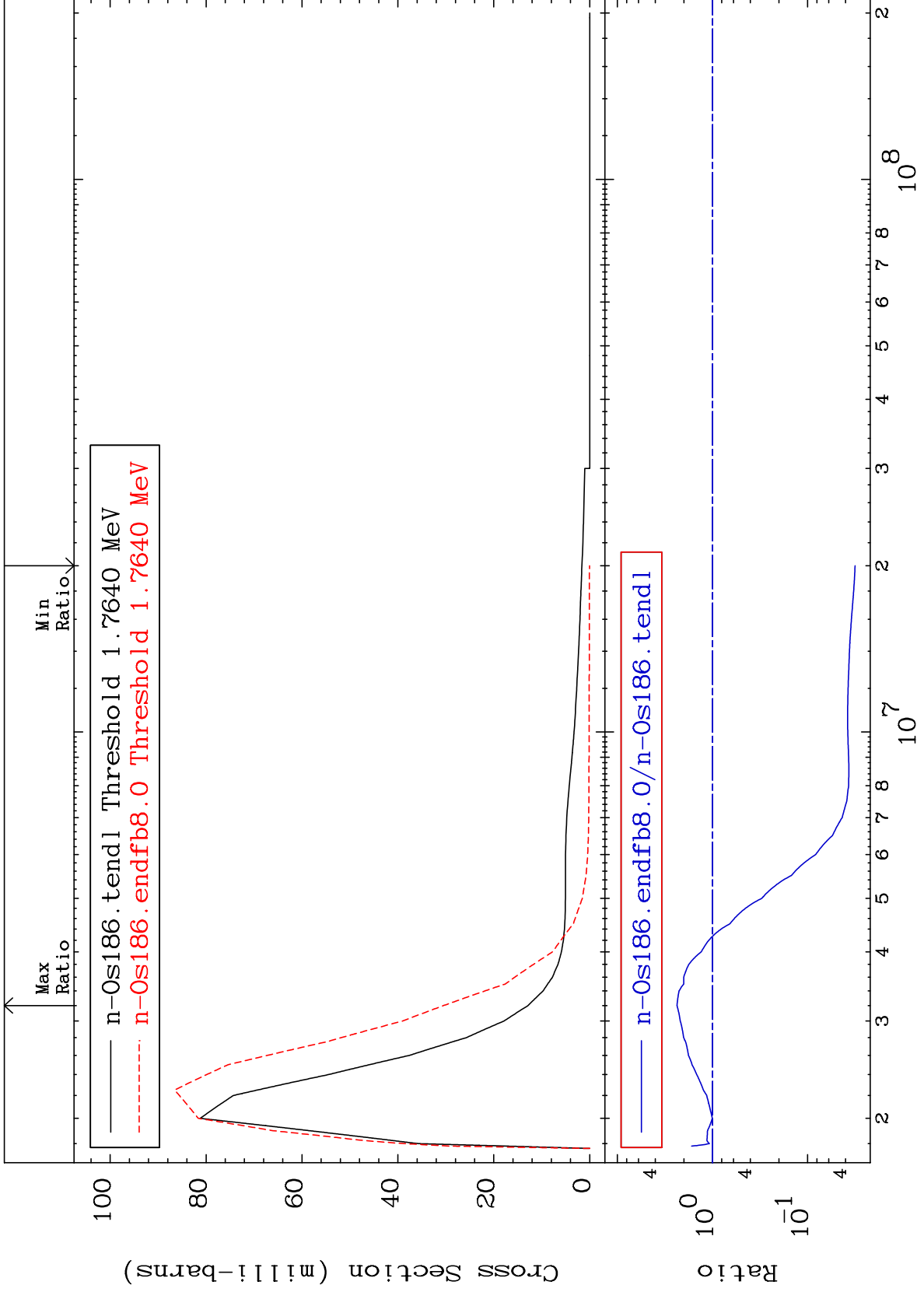
76-0s-186  
-45.44 To 9999. %



MAT 7631

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

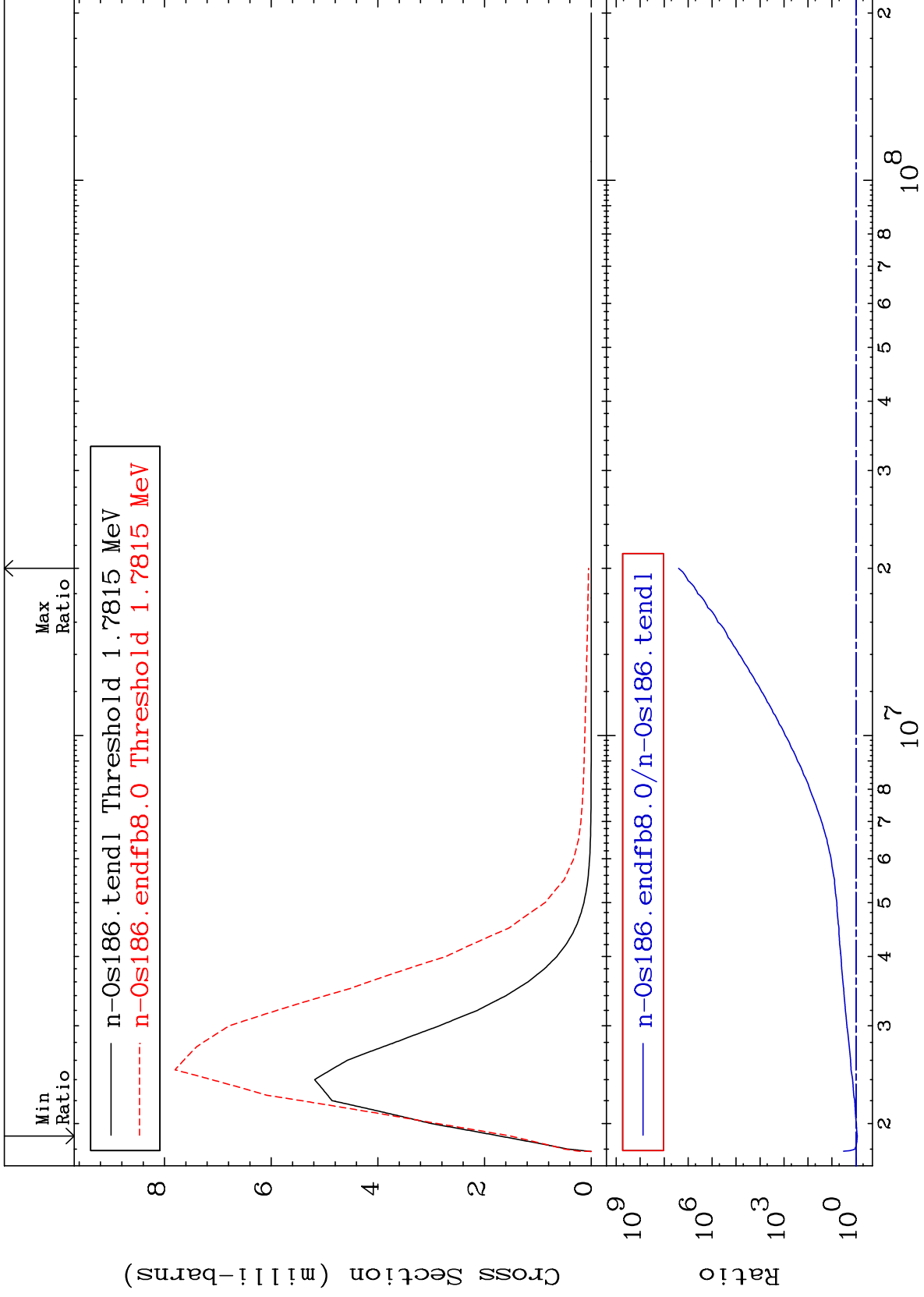
76-0s-186  
-96.83 To 136.7 %



MAT 7631

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

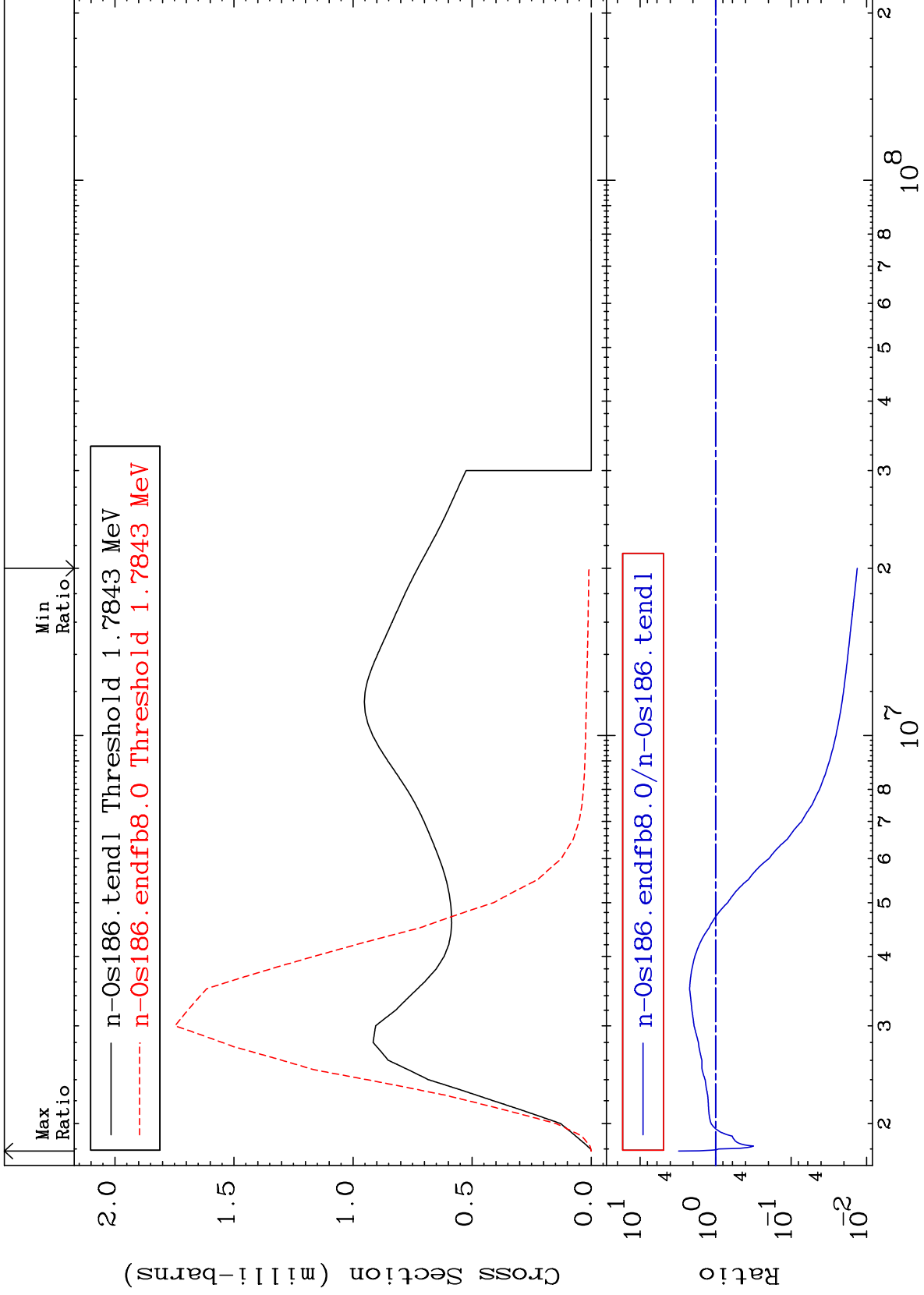
76-0s-186  
-11.86 To 9999. %



MAT 7631

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

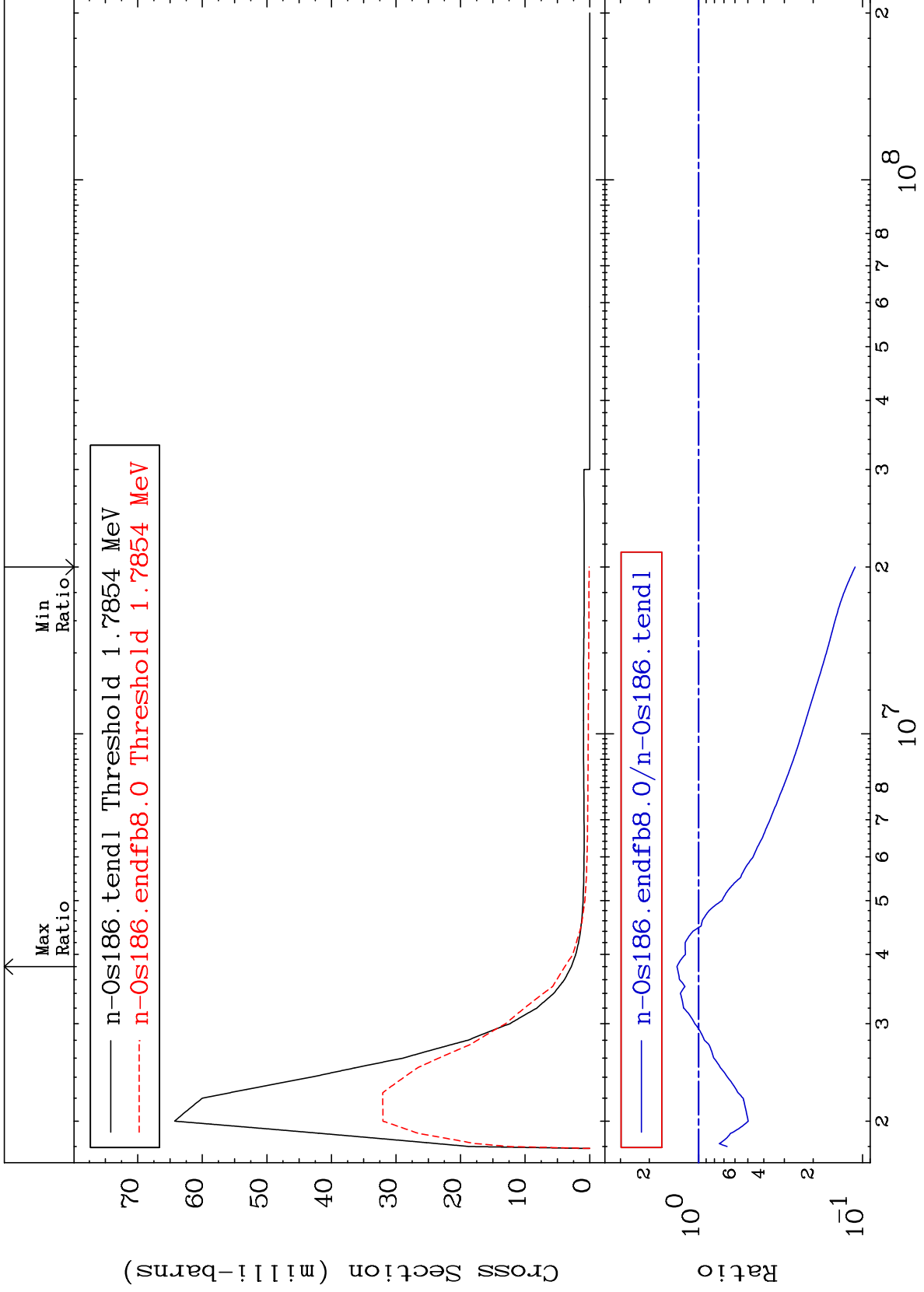
76-0s-186  
-98.67 To 209.1 %



MAT 7631

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

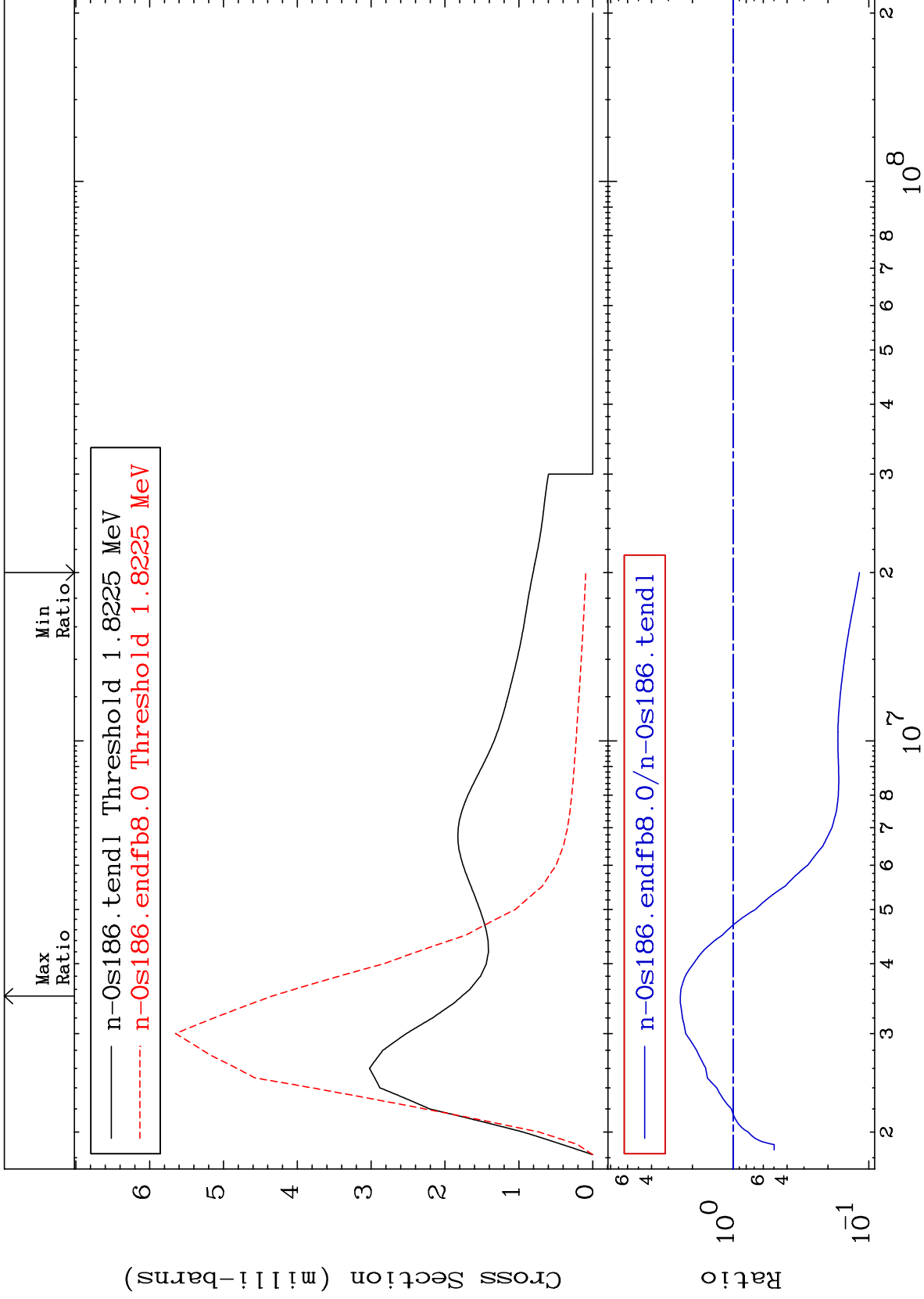
76-0s-186  
-88.91 To 35.55 %



MAT 7631

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

76-0s-186  
-88.29 To 145.1 %

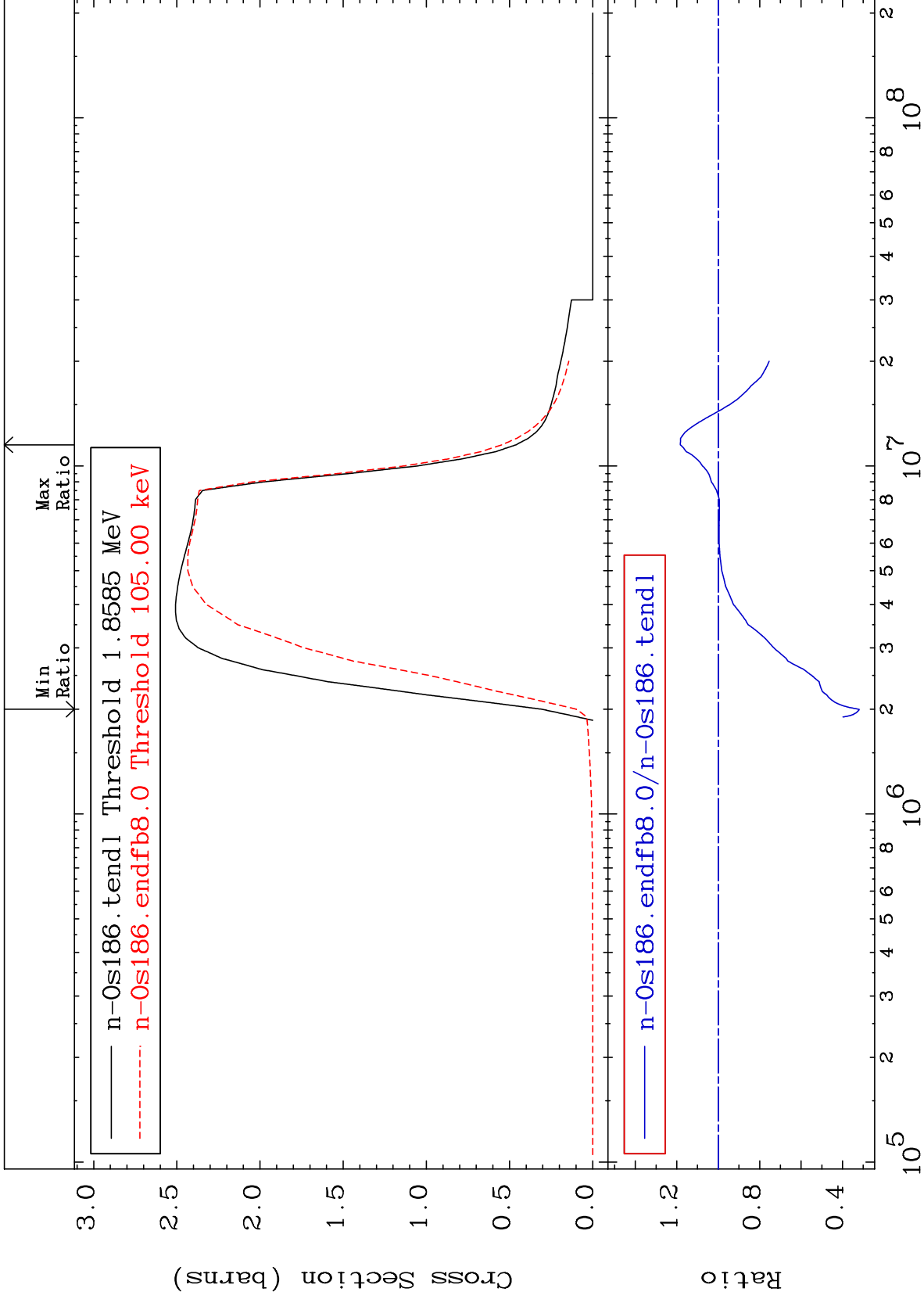


40

Incident Energy (eV)

76-0s-186



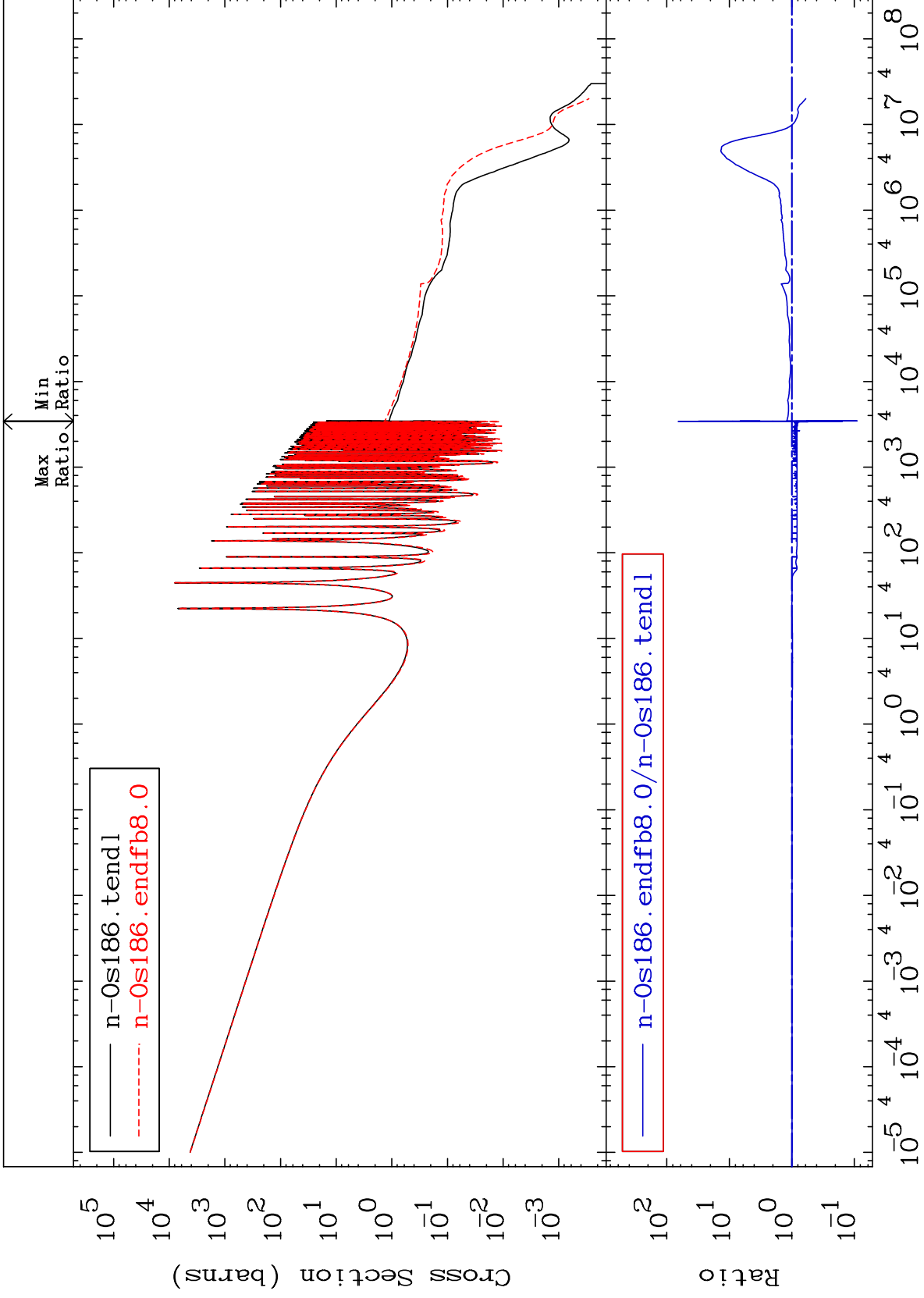


MAT 7631

(n,  $\gamma$ )

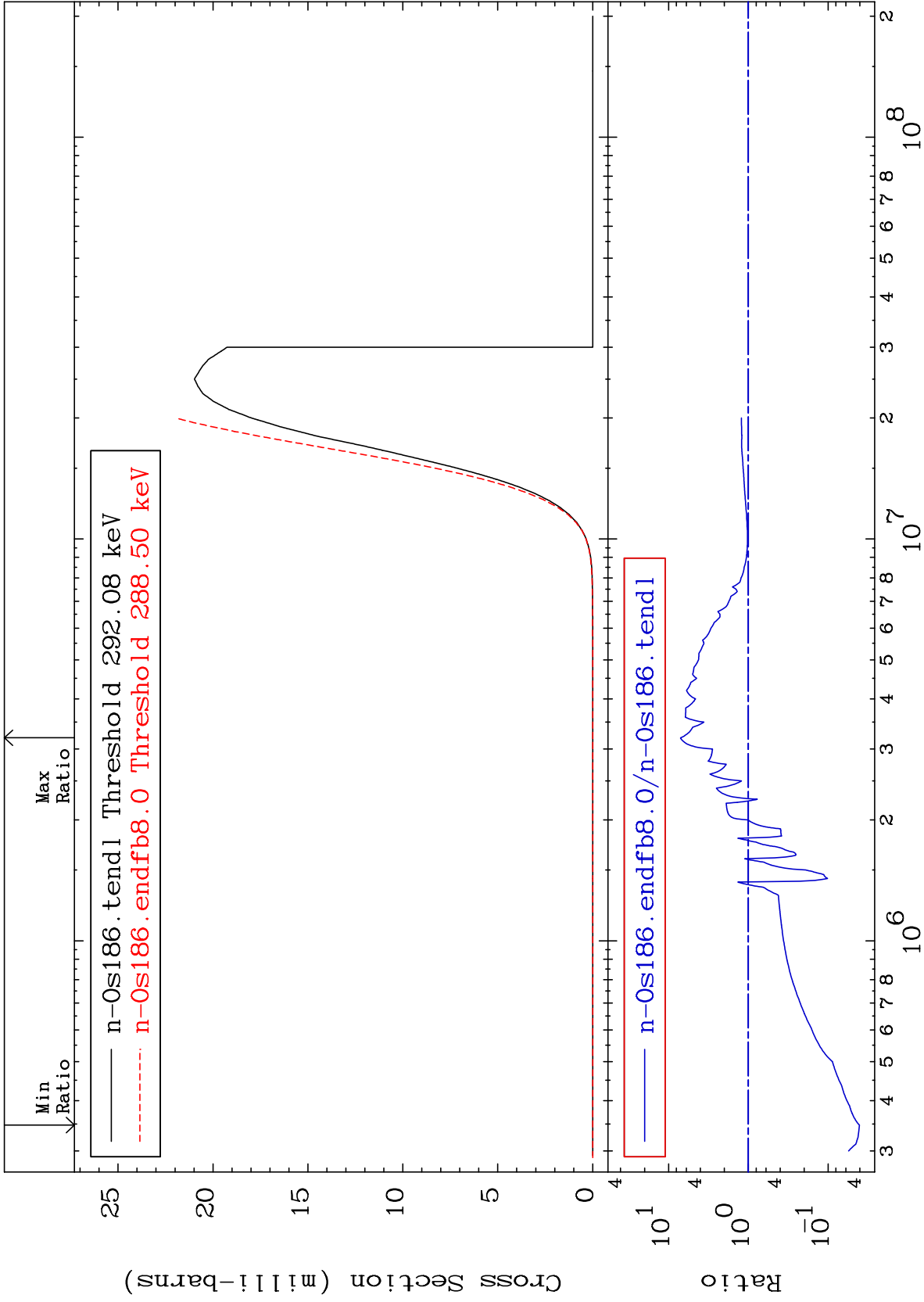
Cross Section

76-0s-186  
-91.03 To 6416. %



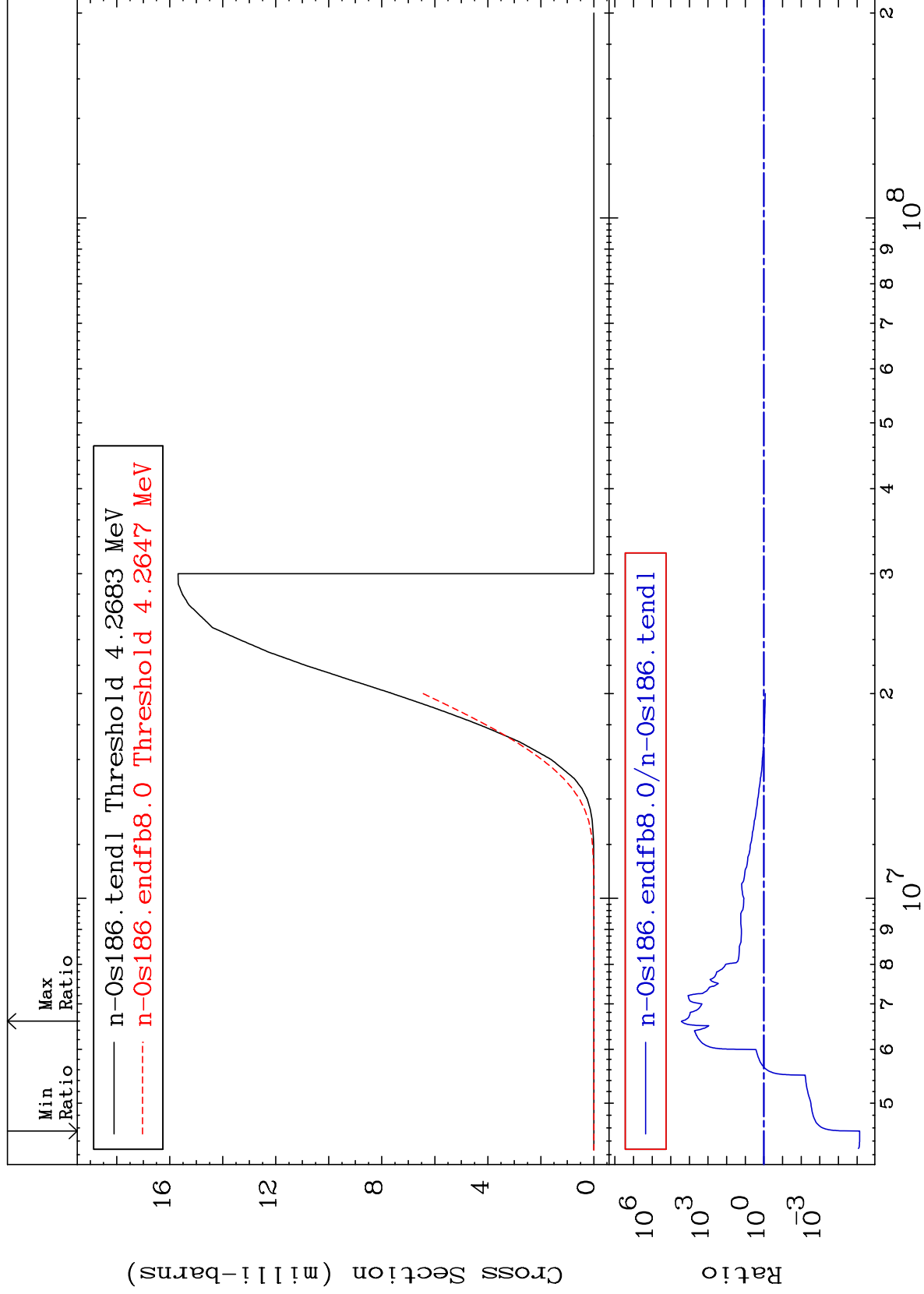
Cross Section

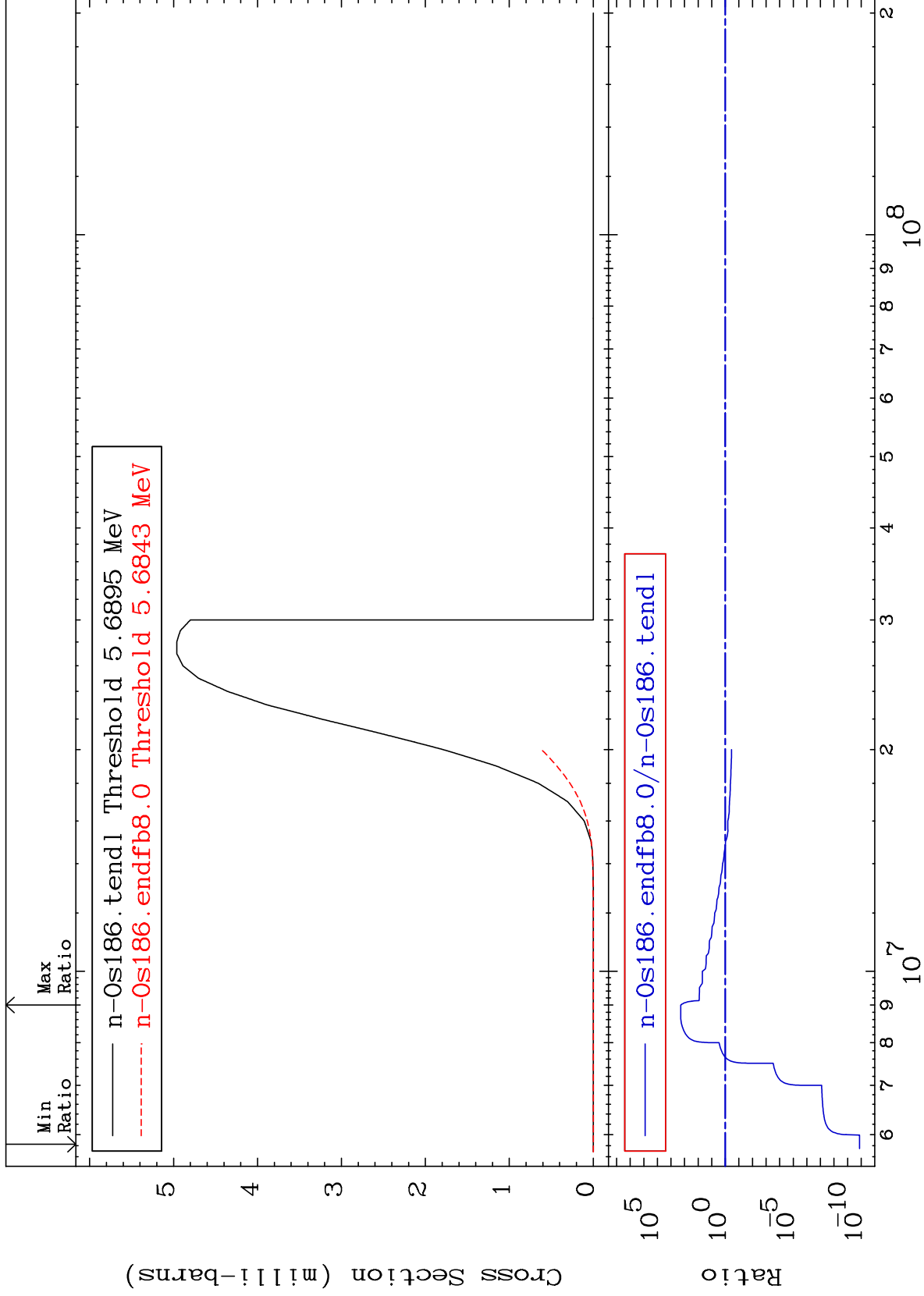
-95.94 To 612.1 %



Cross Section

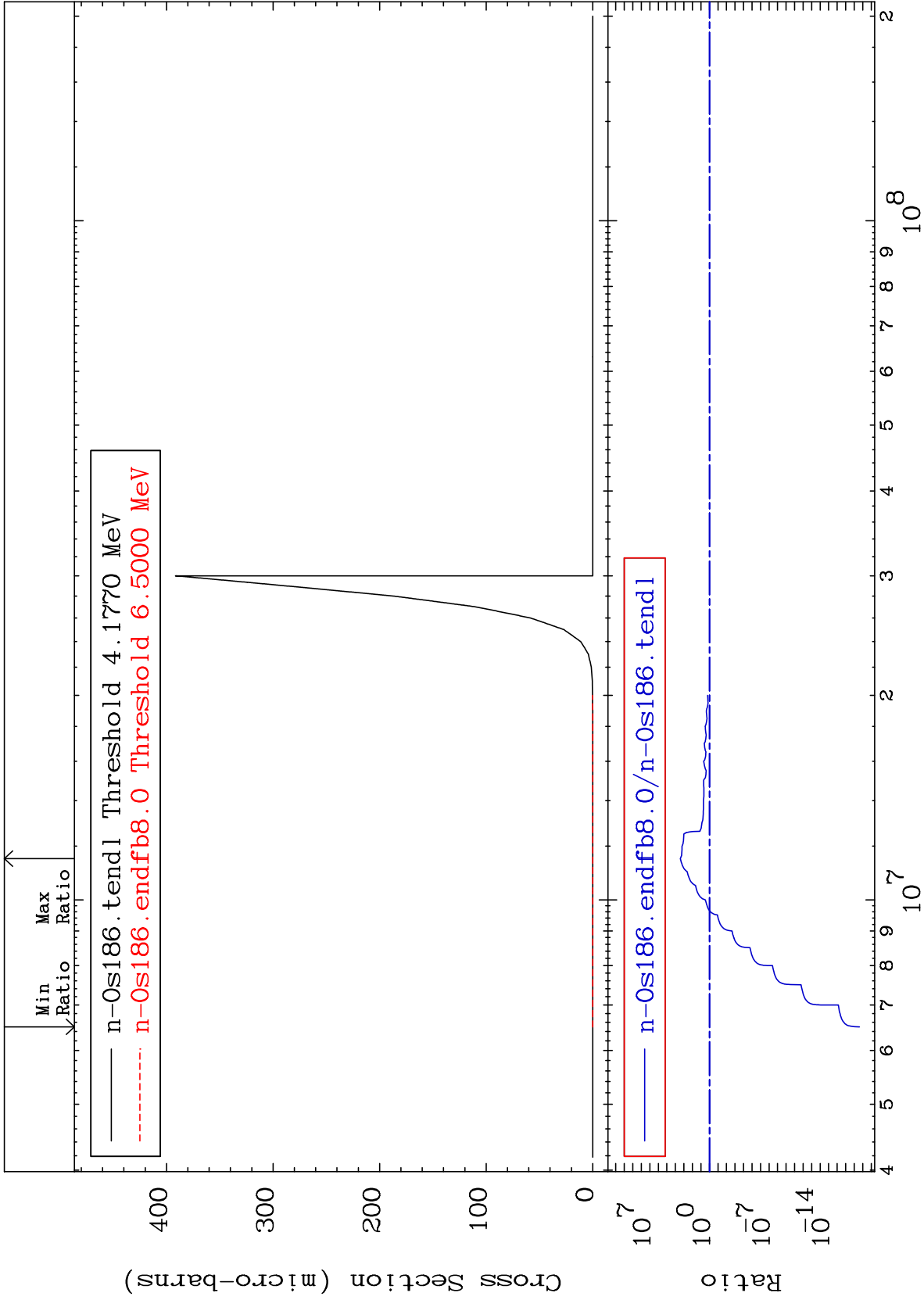
-100.0 To 9999. %





Cross Section

-100.0 To 9999. %



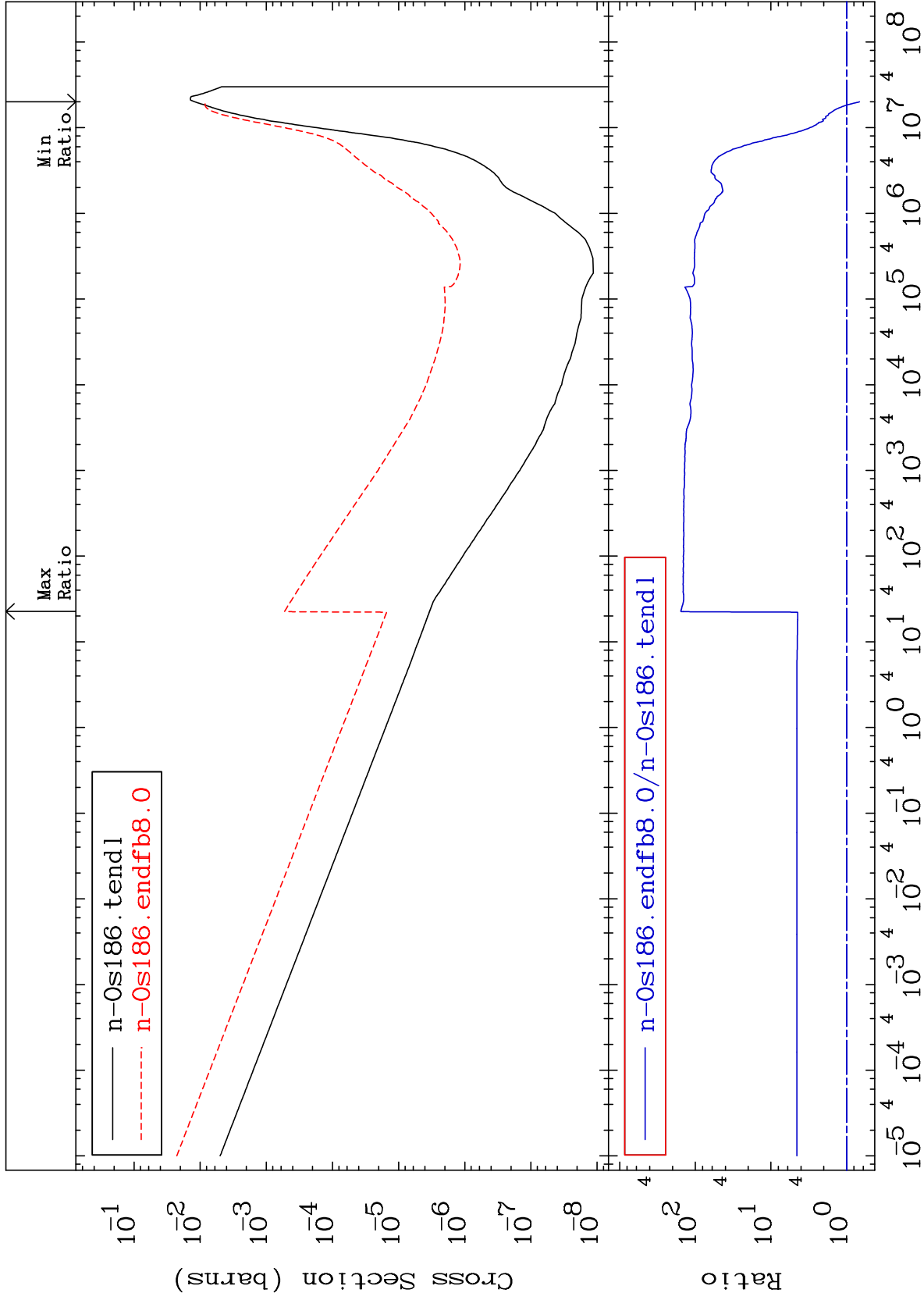
MAT 7631

(n,  $\alpha$ )

76-0s-186

Cross Section

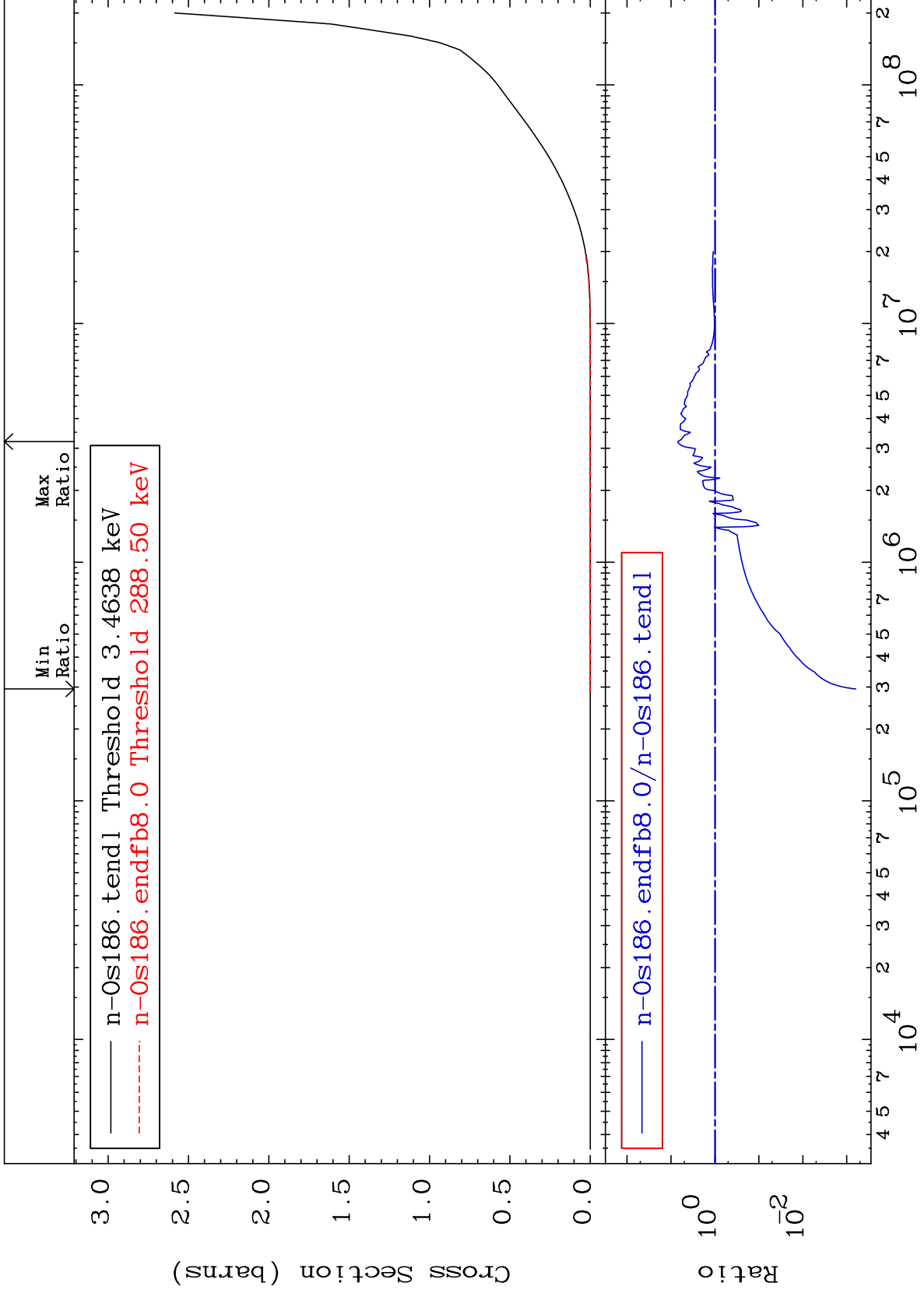
-32.65 To 9999. %



Incident Energy (eV)

76-0s-186

47

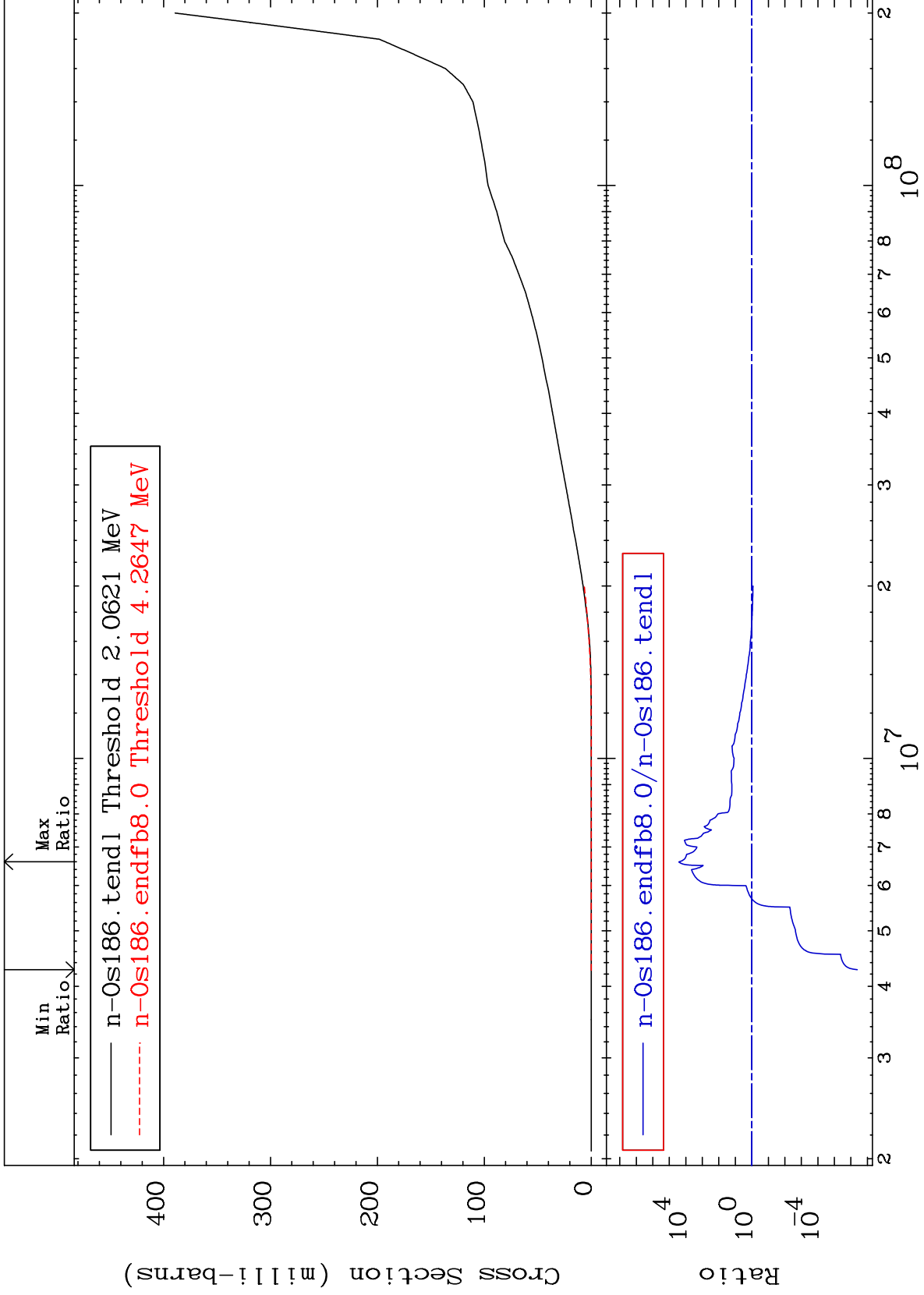




MAT 7631

Deuterium Production  
Cross Section

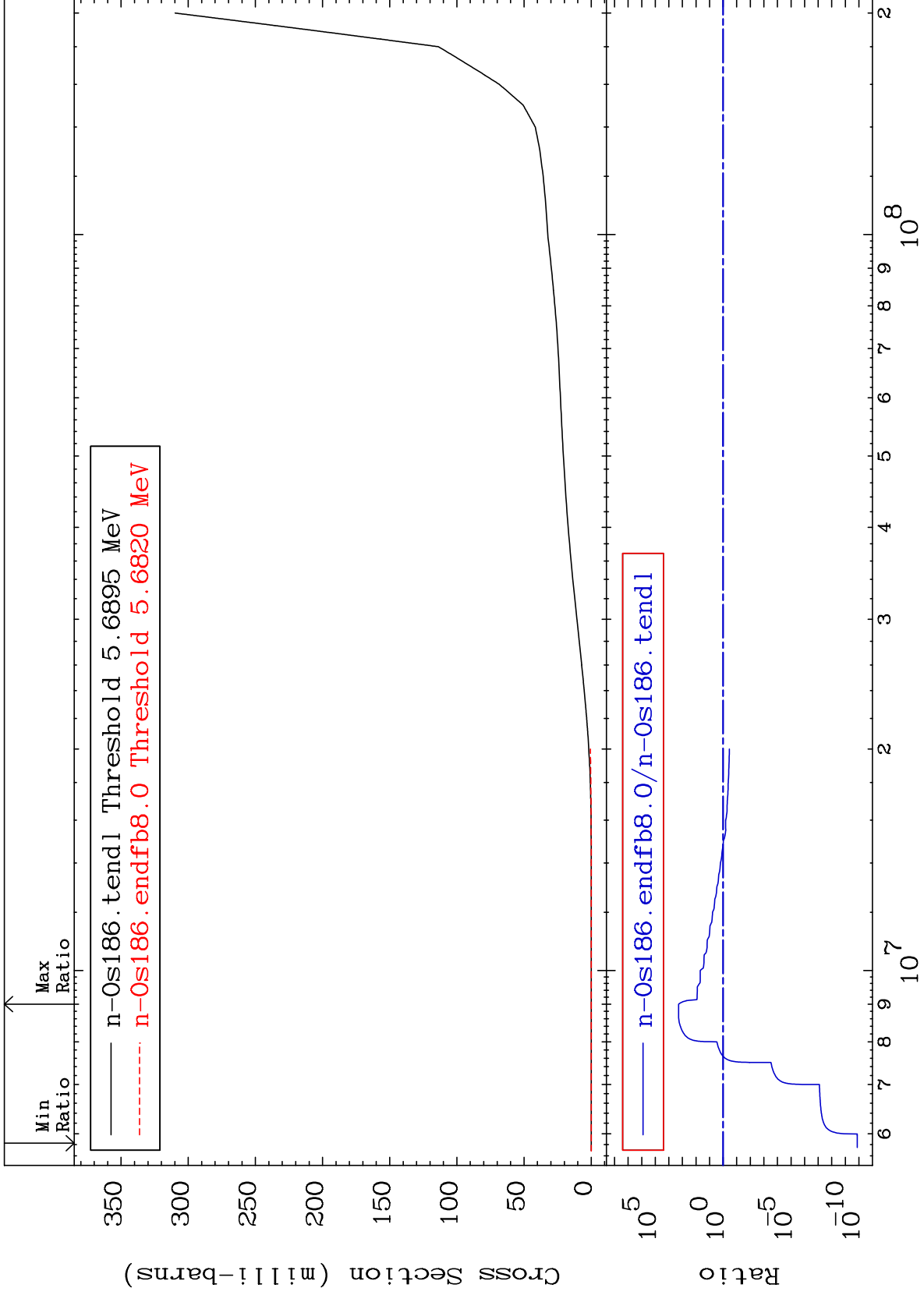
76-0s-186  
-100.0 To 9999. %



MAT 7631

Tritium Production  
Cross Section

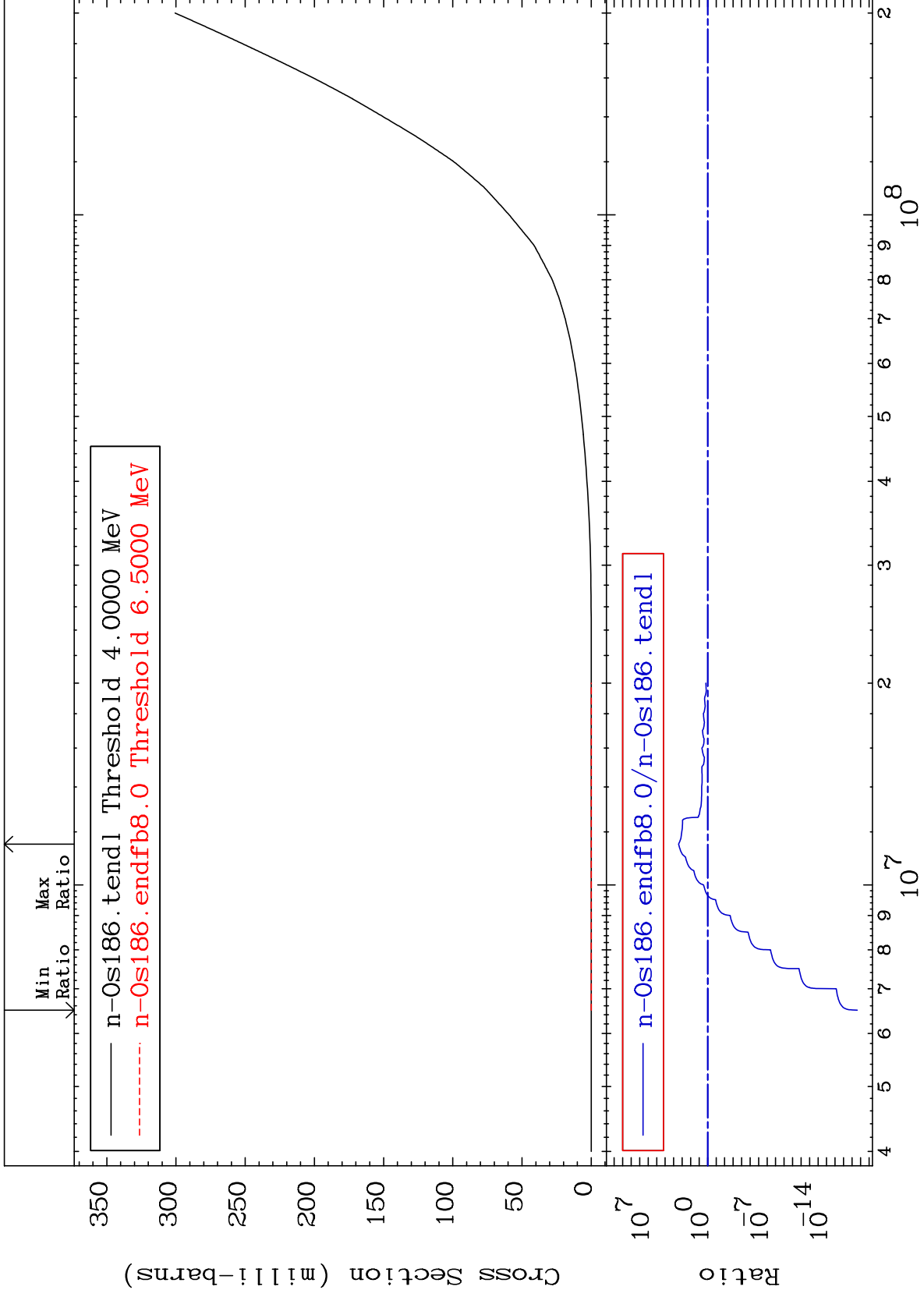
76-0s-186  
-100.0 To 9999. %



50

Incident Energy (eV)

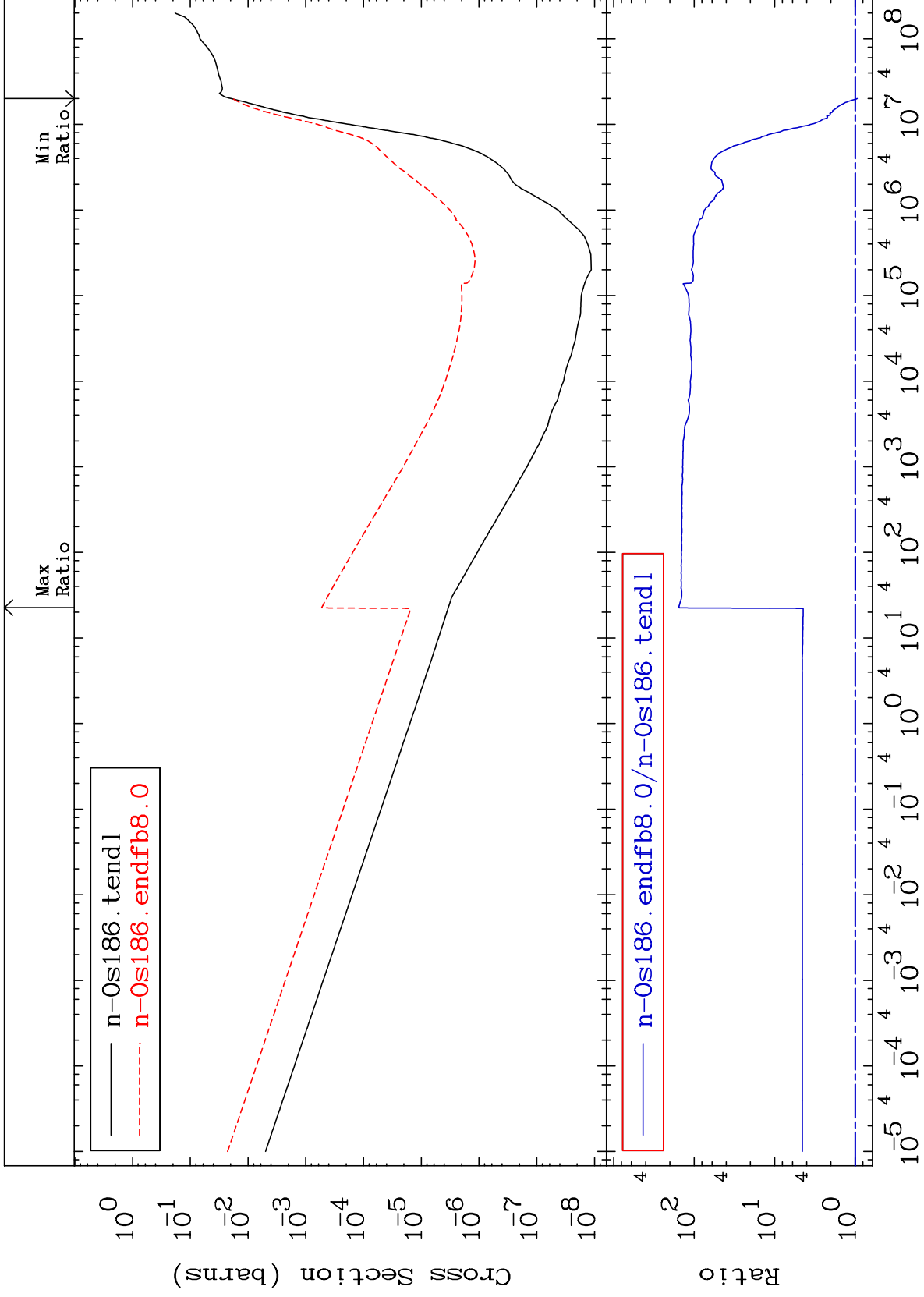
76-0s-186



MAT 7631

He-4 Production  
Cross Section

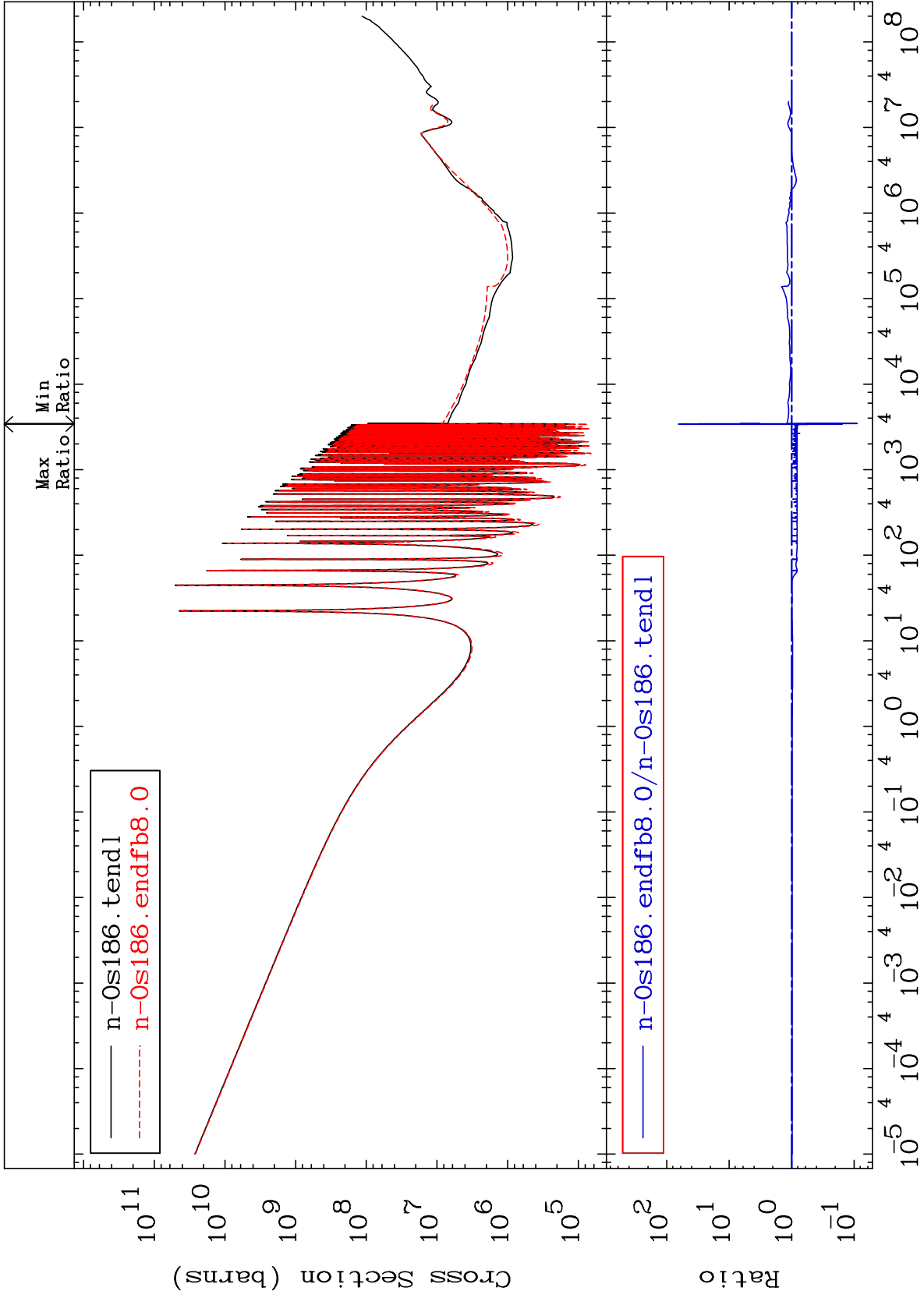
76-0s-186  
-5.795 To 9999. %



MAT 7631

Kerma total (eV-barns)  
Cross Section

76-0s-186  
-91.10 To 6352. %



53

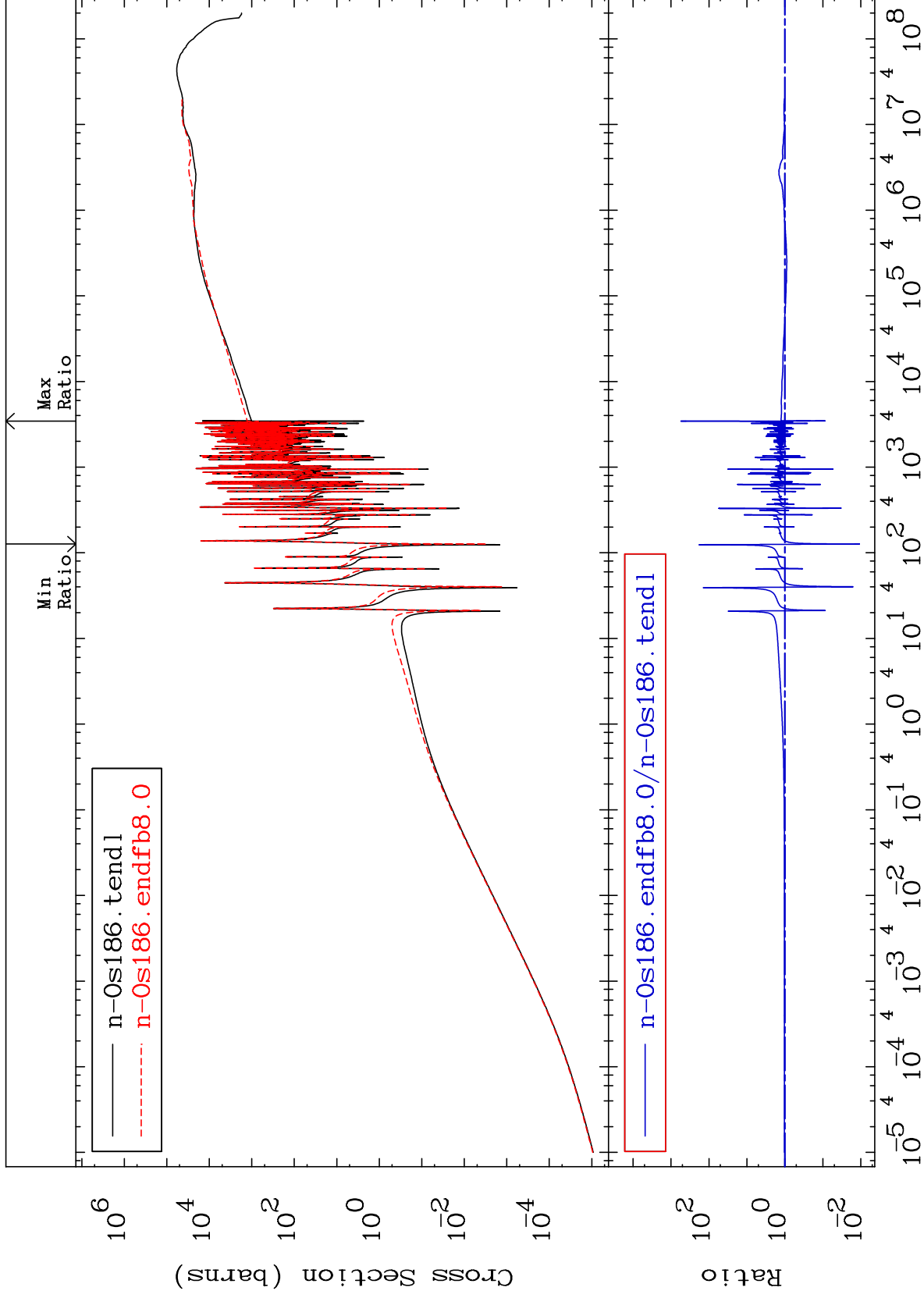
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma elastic  
Cross Section

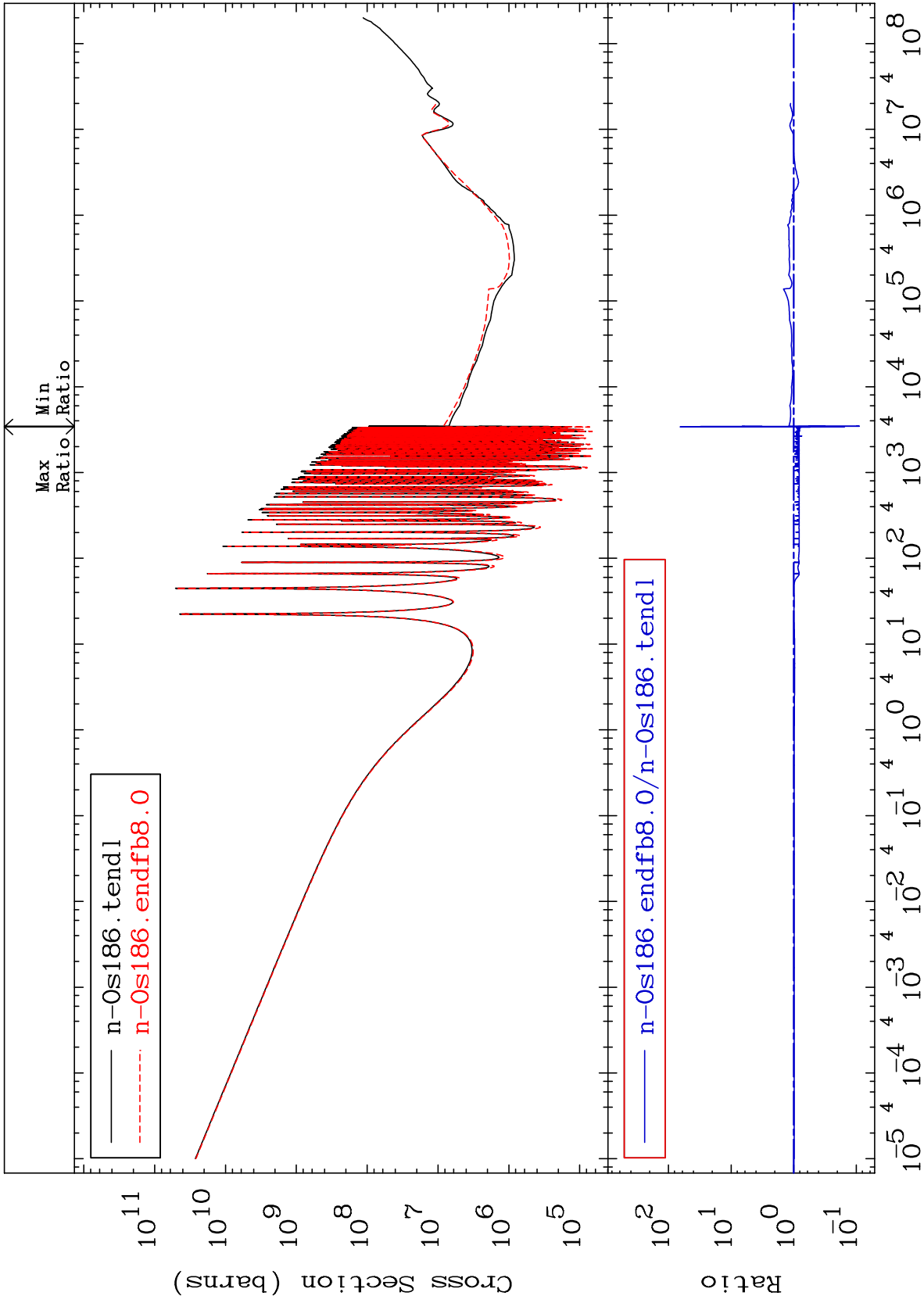
76-0s-186  
-98.92 To 9999. %



MAT 7631

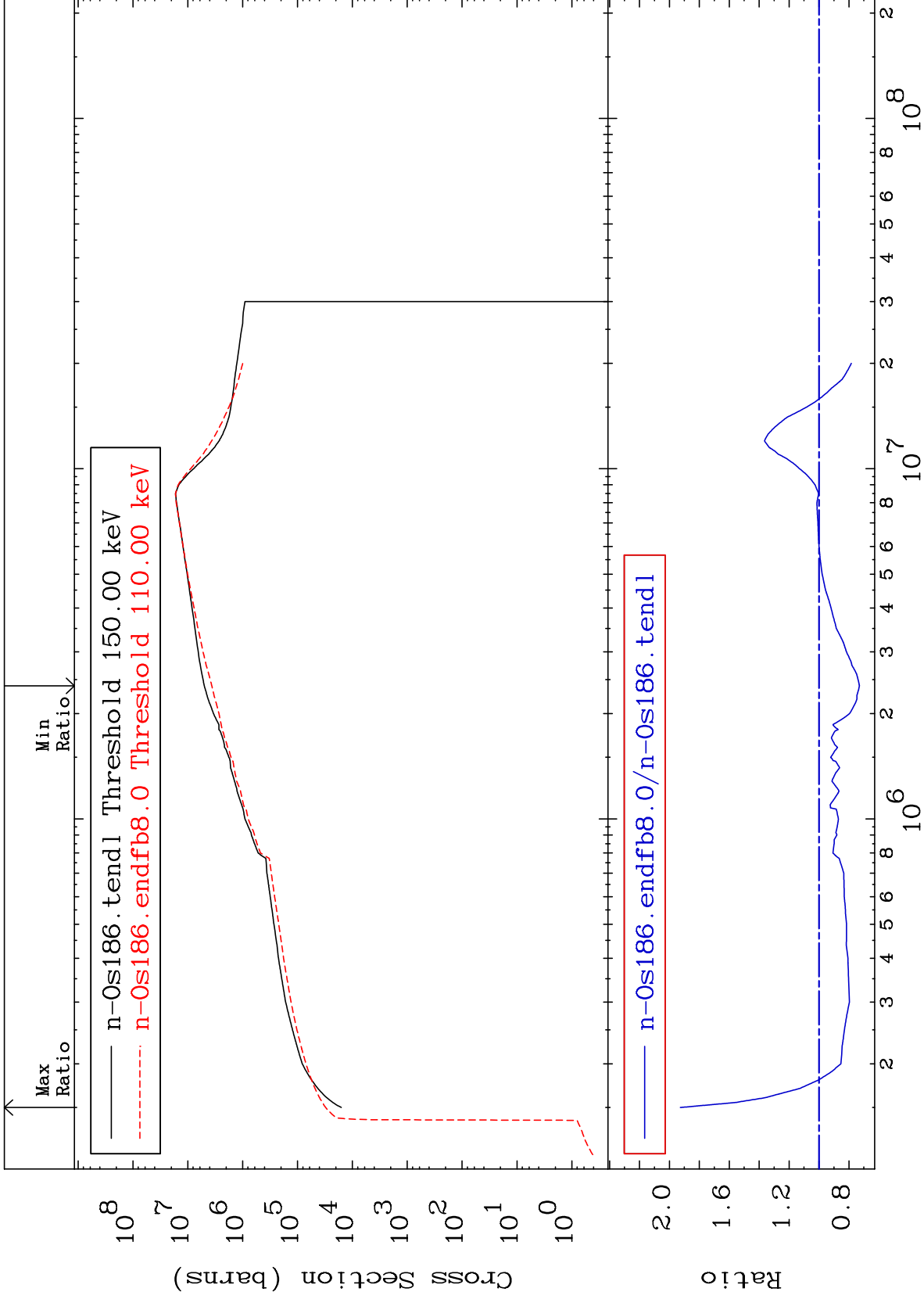
Kerma non-elastic (all but mt2)  
Cross Section

76-0s-186  
-91.10 To 6366. %



— n-0s186.tendl  
- - - n-0s186.endfb8.0

— n-0s186.endfb8.0/n-0s186.tendl

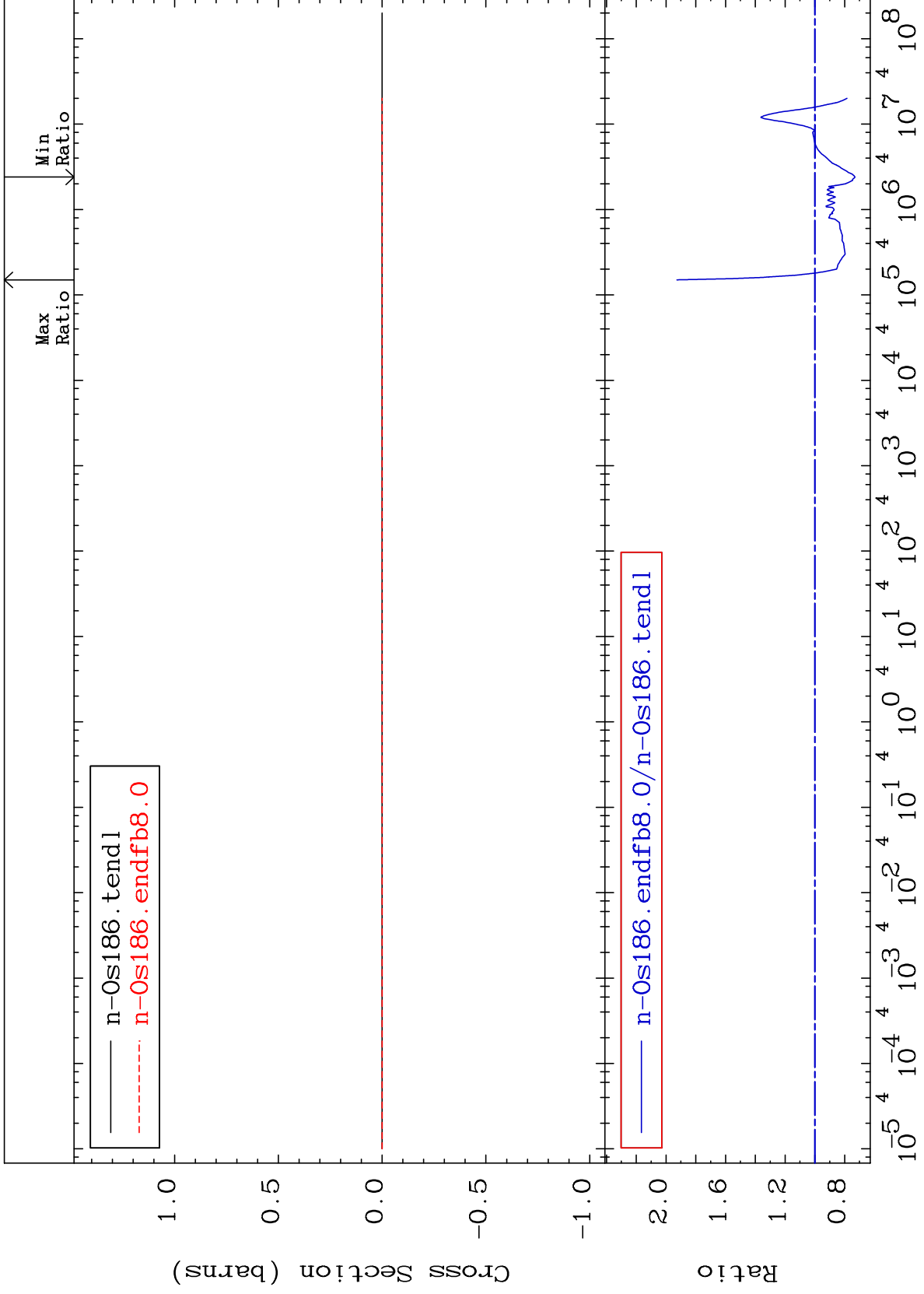


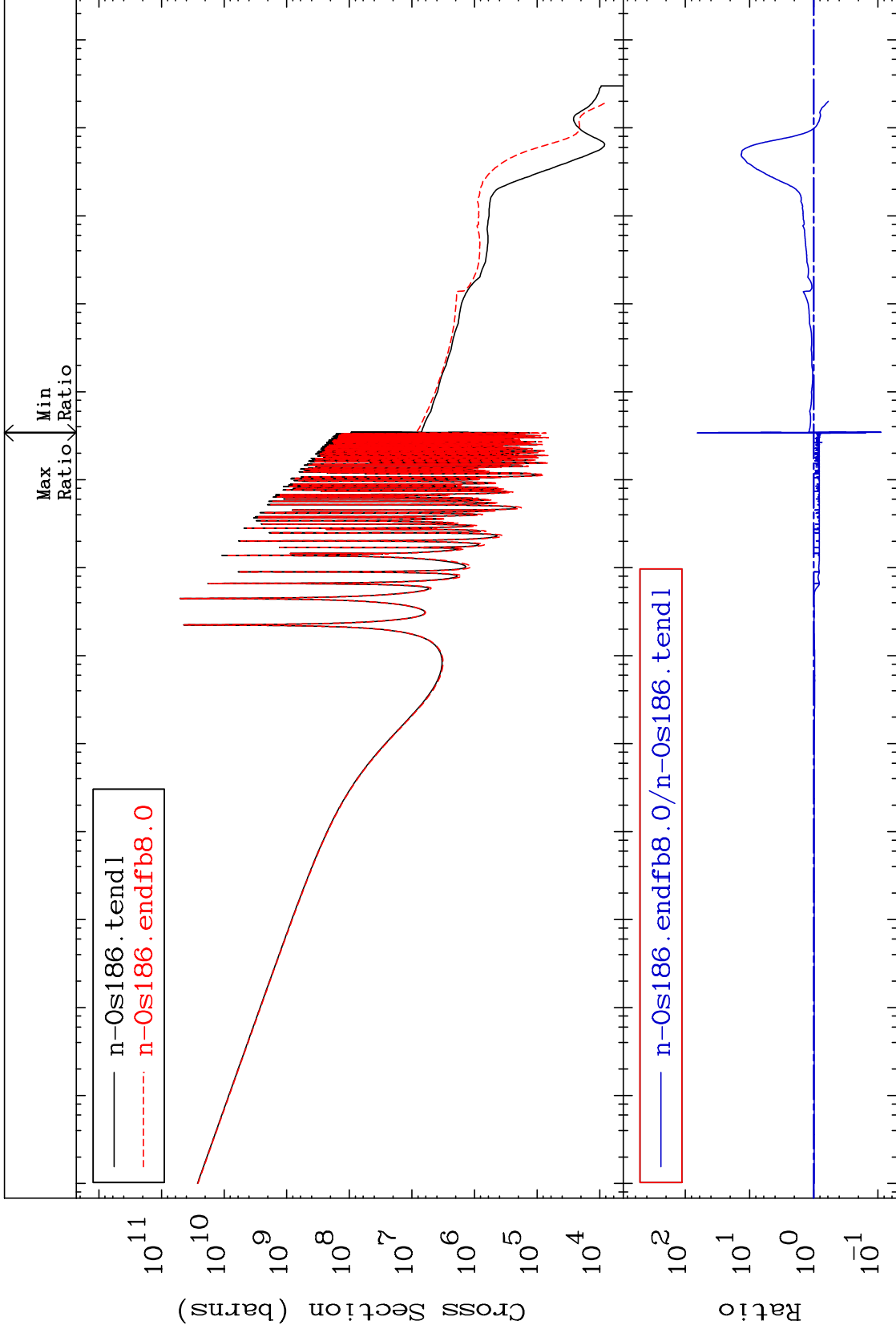


MAT 7631

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

76-0s-186  
-27.03 To 92.67 %

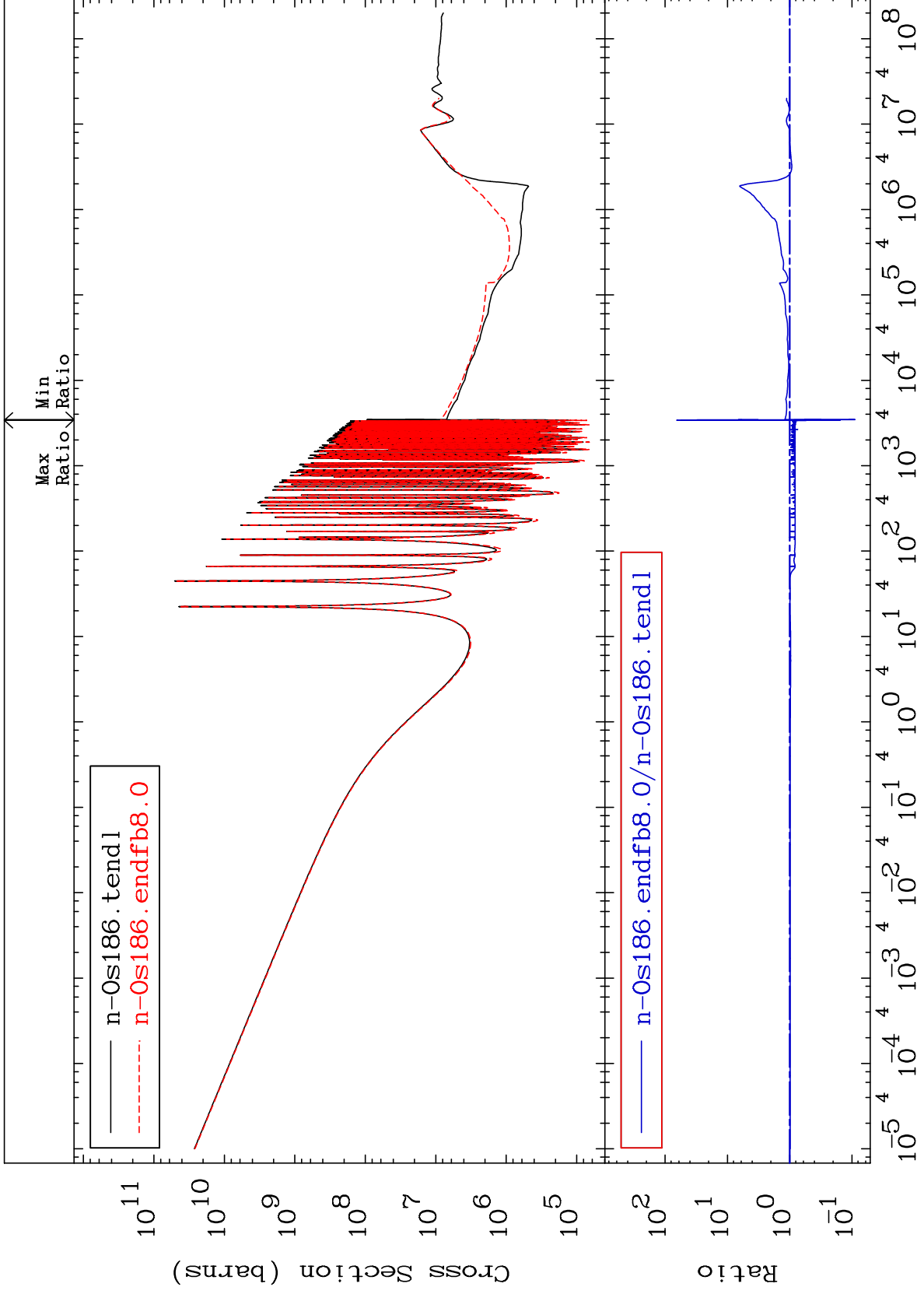




MAT 7631

Total photon (eV-barns)  
Cross Section

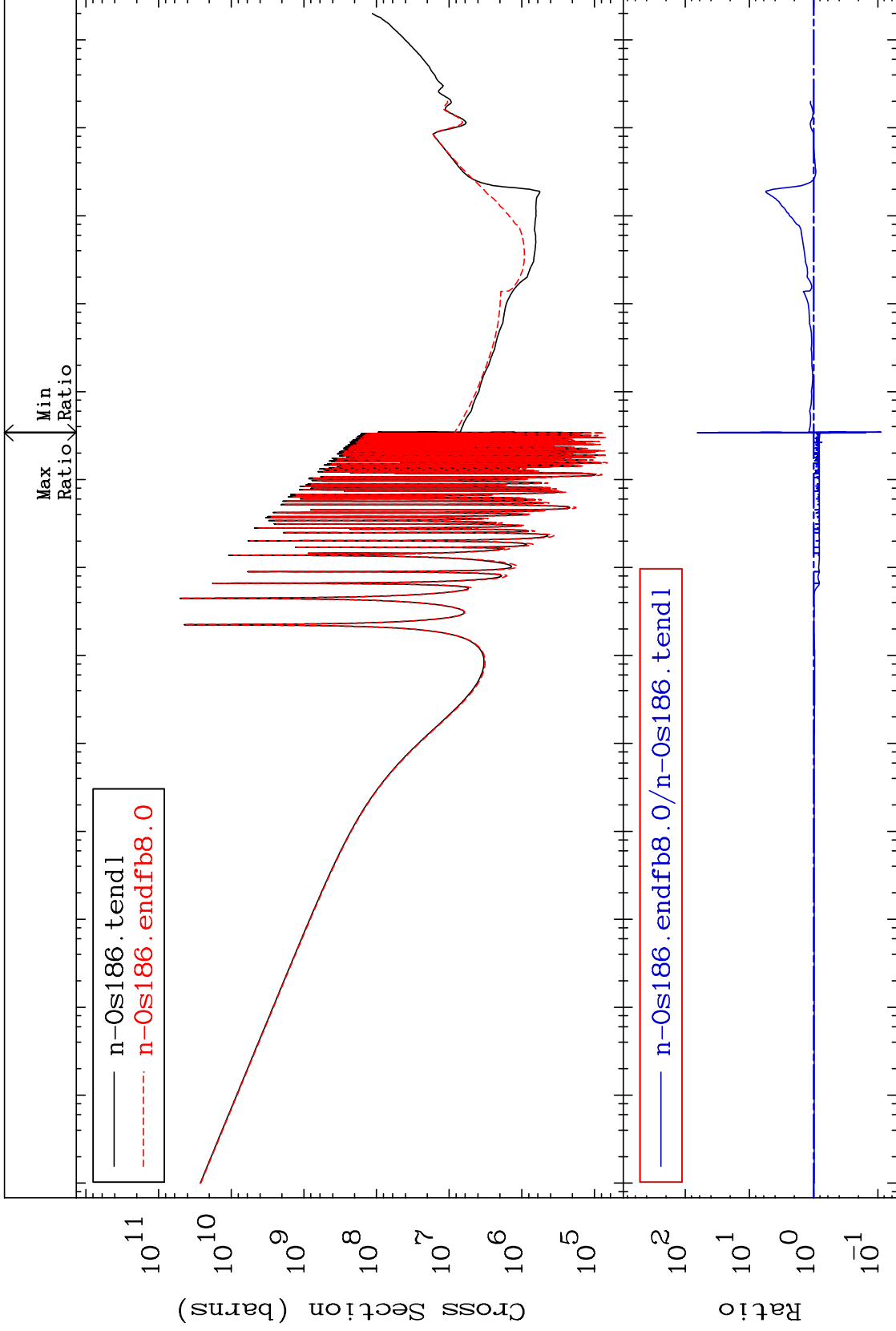
76-0s-186  
-91.10 To 6366. %



MAT 7631

Total kinematic kerma (high limit)  
Cross Section

76-0s-186  
-91.10 To 6352. %



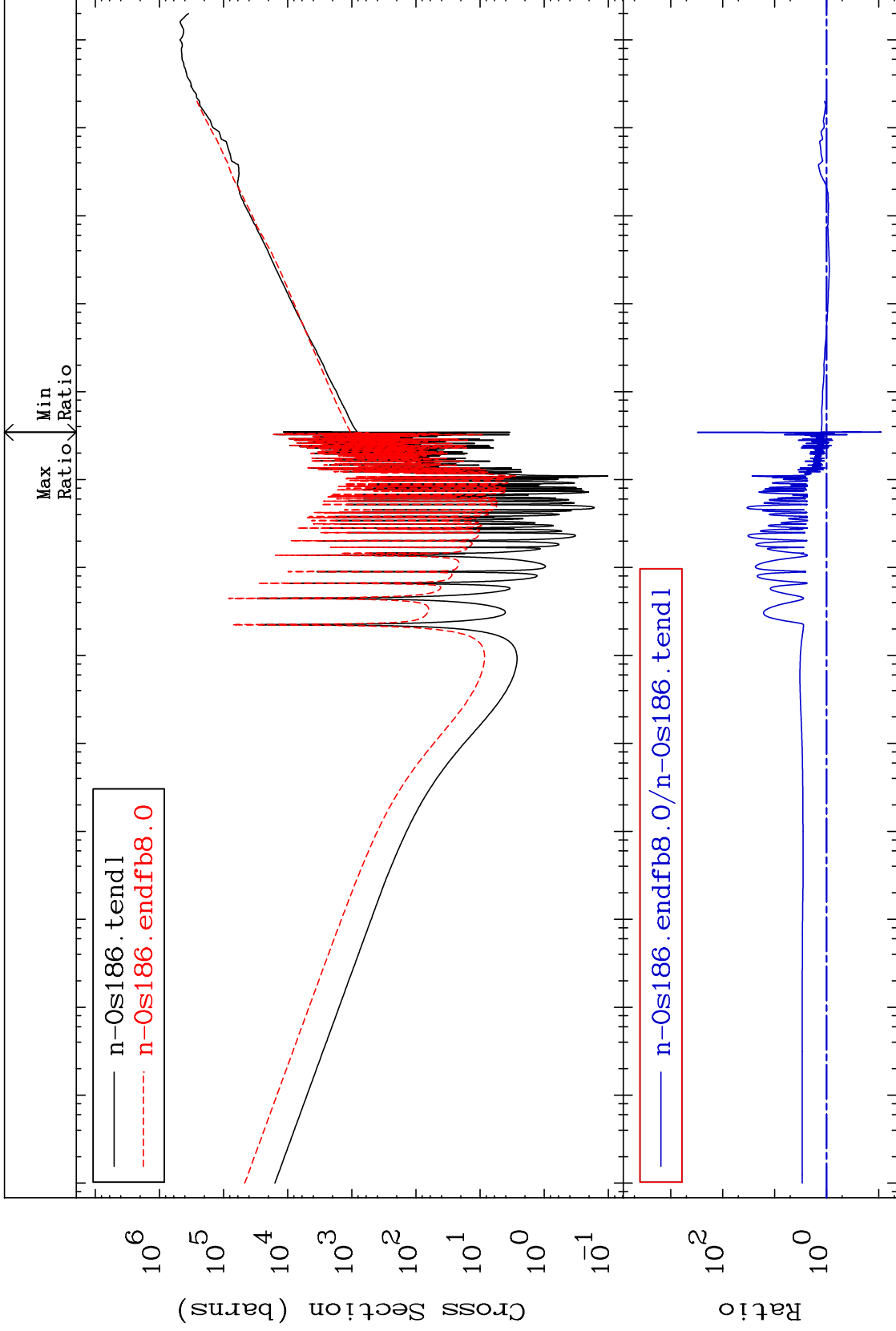
60

76-0s-186

MAT 7631

Dpa total (eV-barns)  
Cross Section

76-0s-186  
-91.03 To 9999. %



61

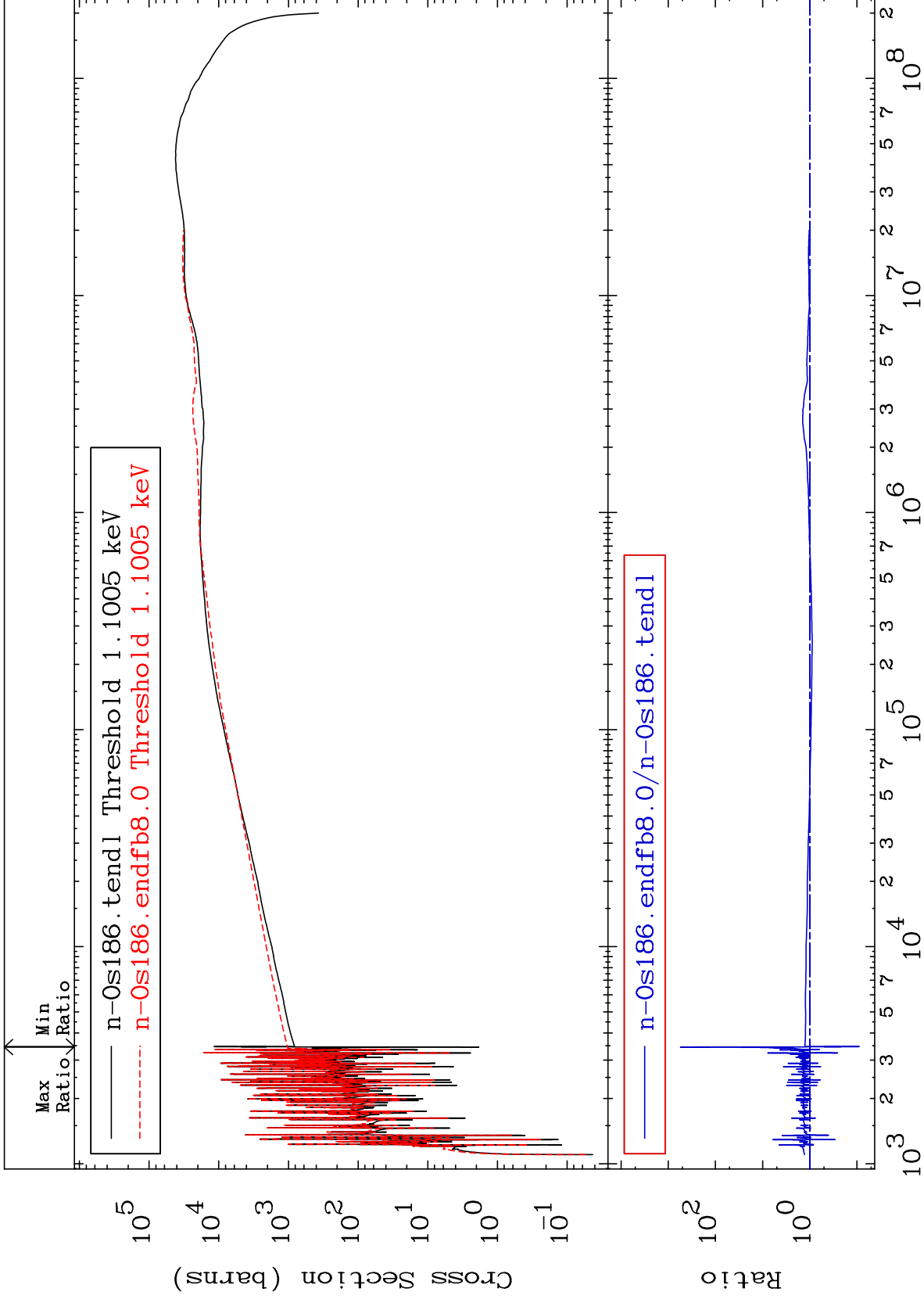
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa elastic (mt2)  
Cross Section

76-0s-186  
-91.15 To 9999. %



62

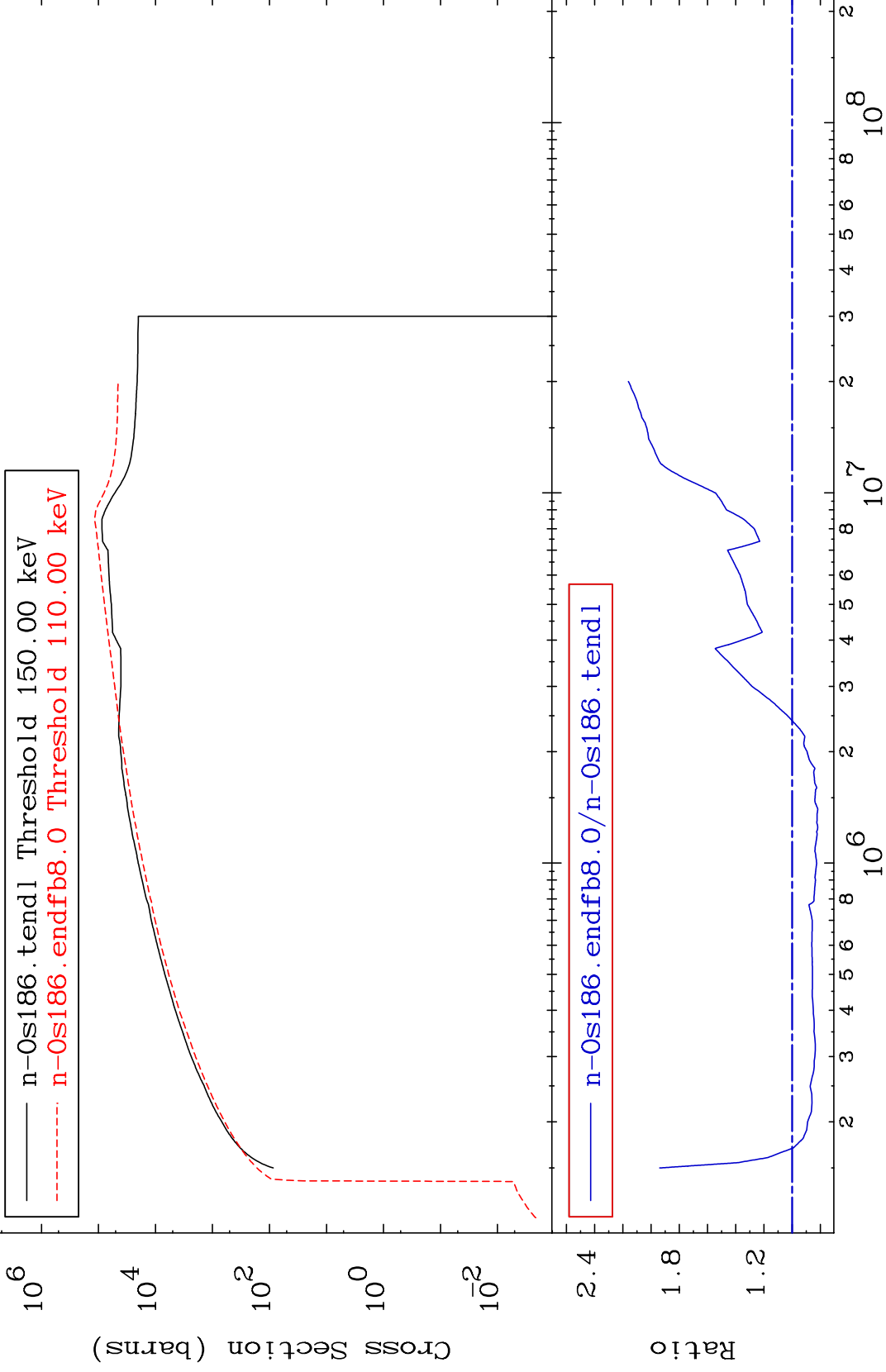
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa inelastic (mt51-91)  
Cross Section

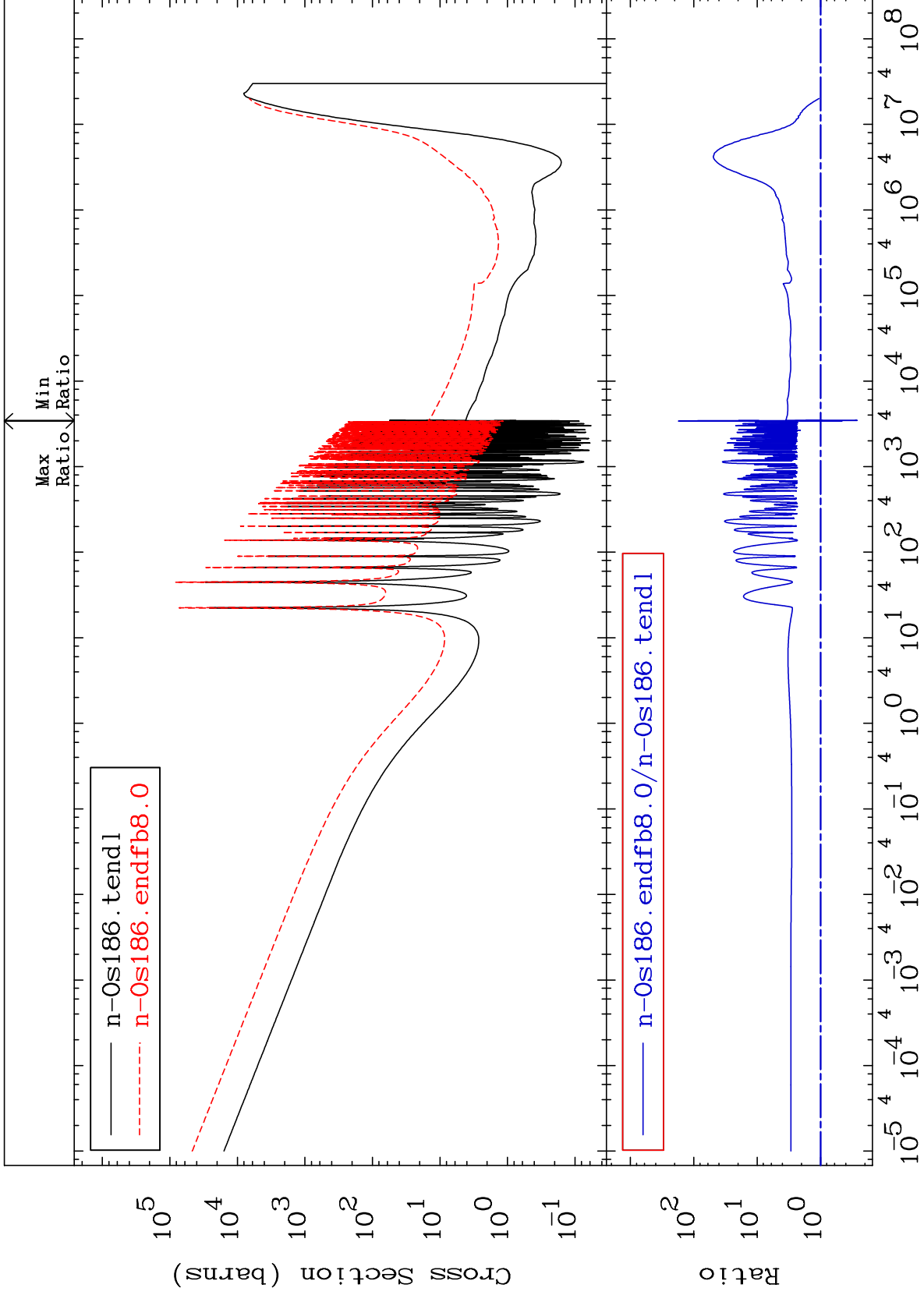
76-0s-186  
-18.08 To 116.1 %



MAT 7631

Dpa disappearance (mt102 -120)  
Cross Section

76-0s-186  
-73.62 To 9999. %



64

Incident Energy (eV)

76-0s-186