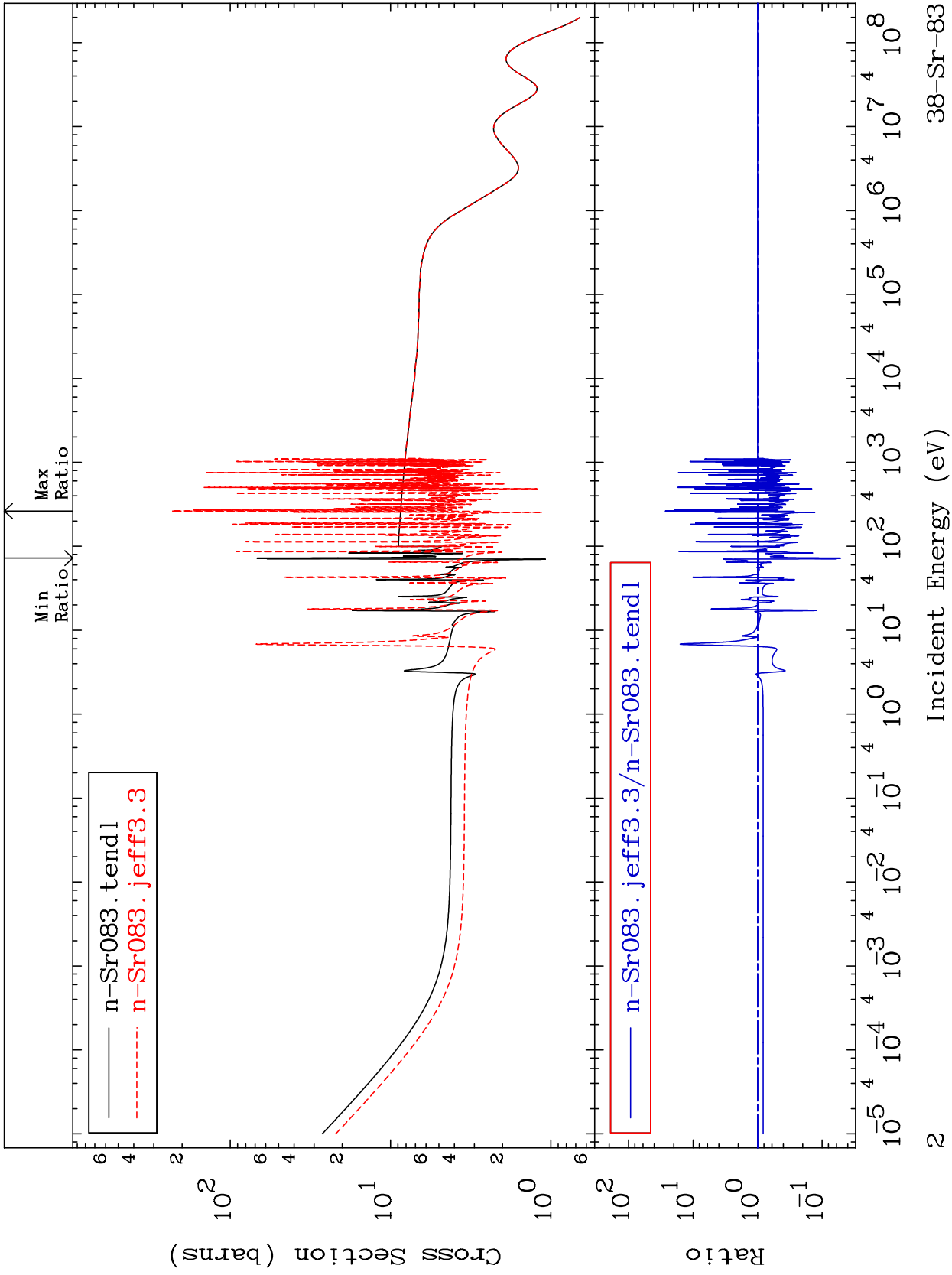


MAT 3822

Elastic Cross Section
38-Sr-83
-94.83 To 2583. %

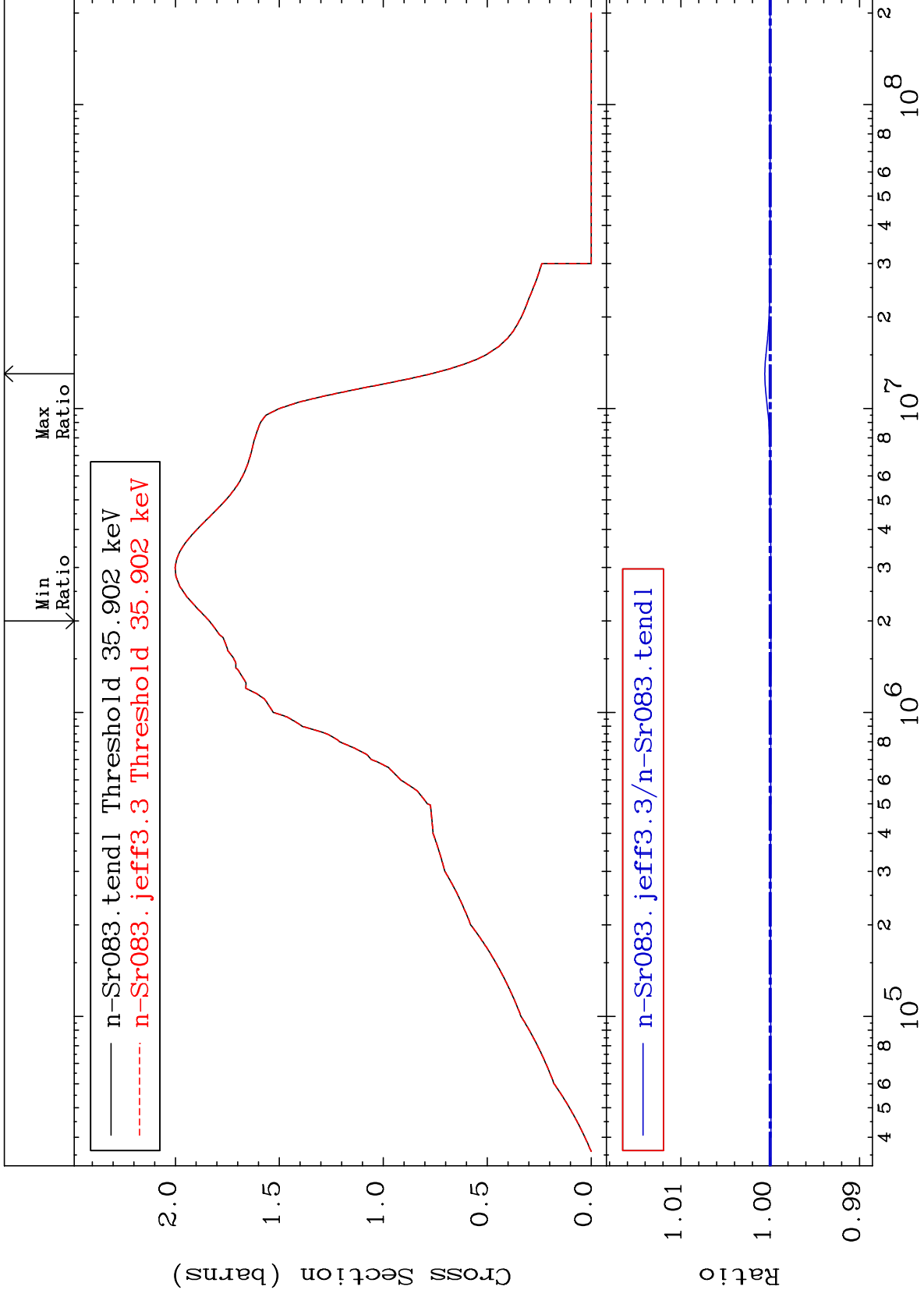


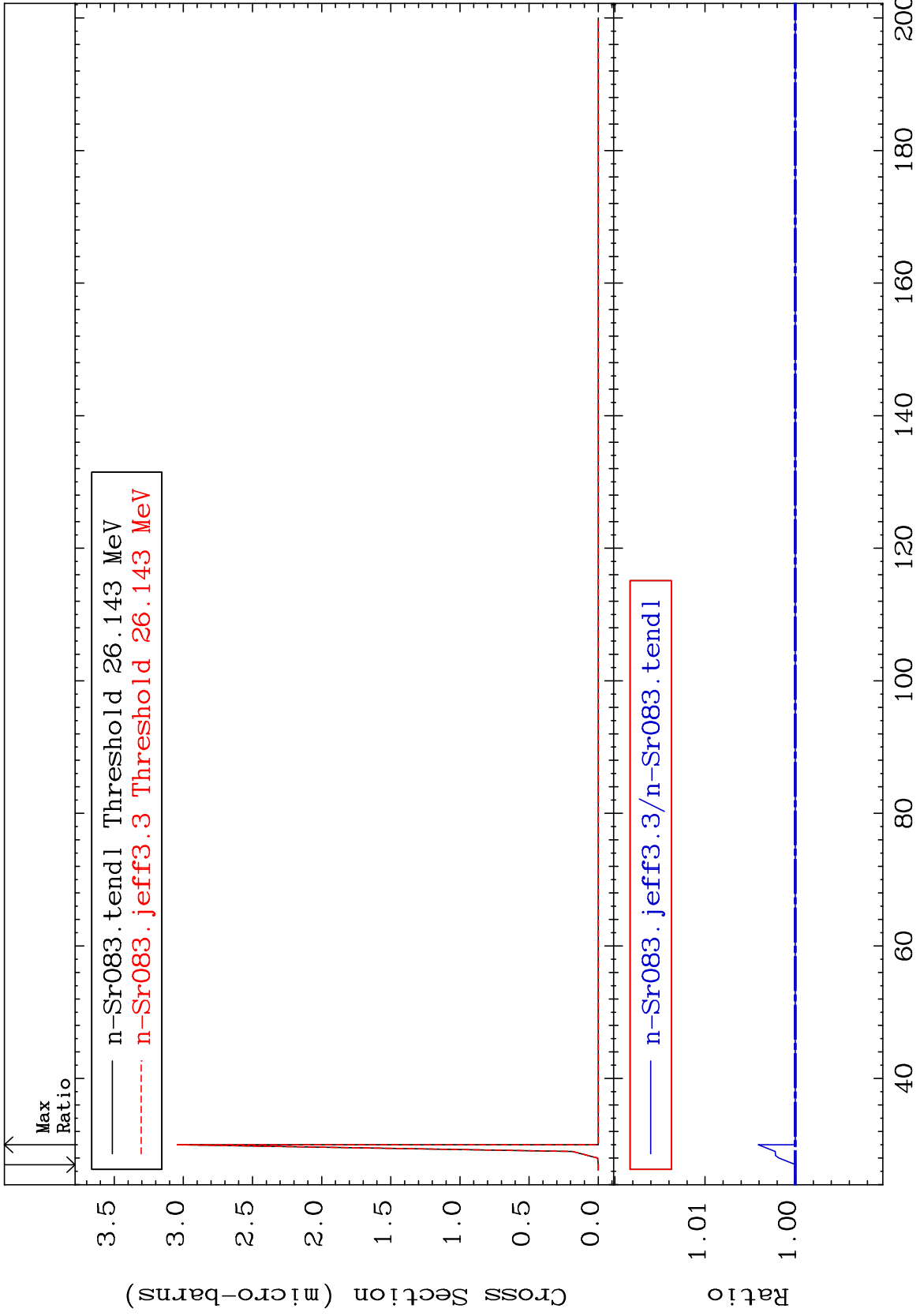
38-Sr-83

MAT 3822

Inelastic
Cross Section

38-Sr-83
-0.010 To 0.061 %





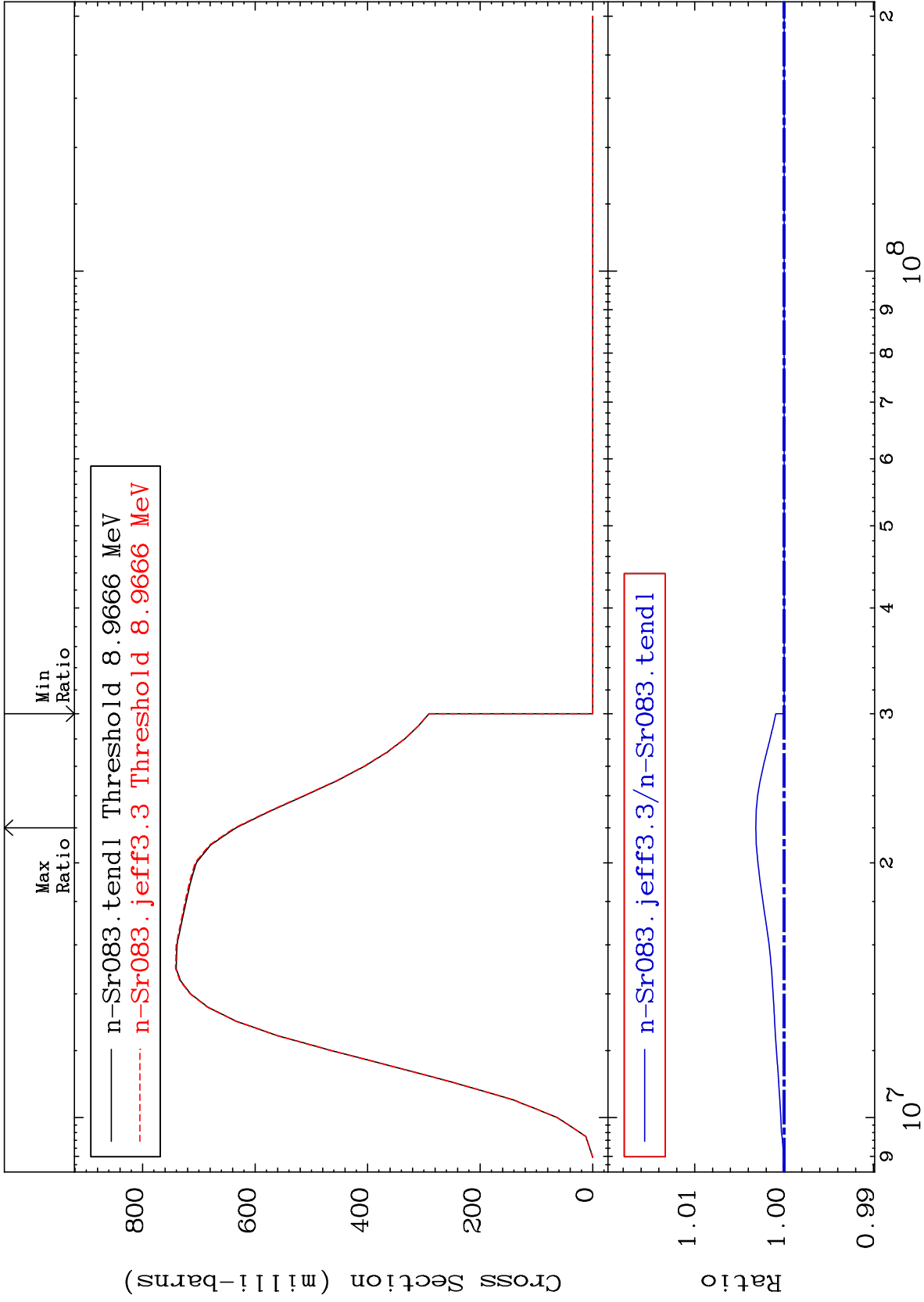
MAT 3822

(n,2n)

38-Sr-83

Cross Section

0.000 To 0.318 %



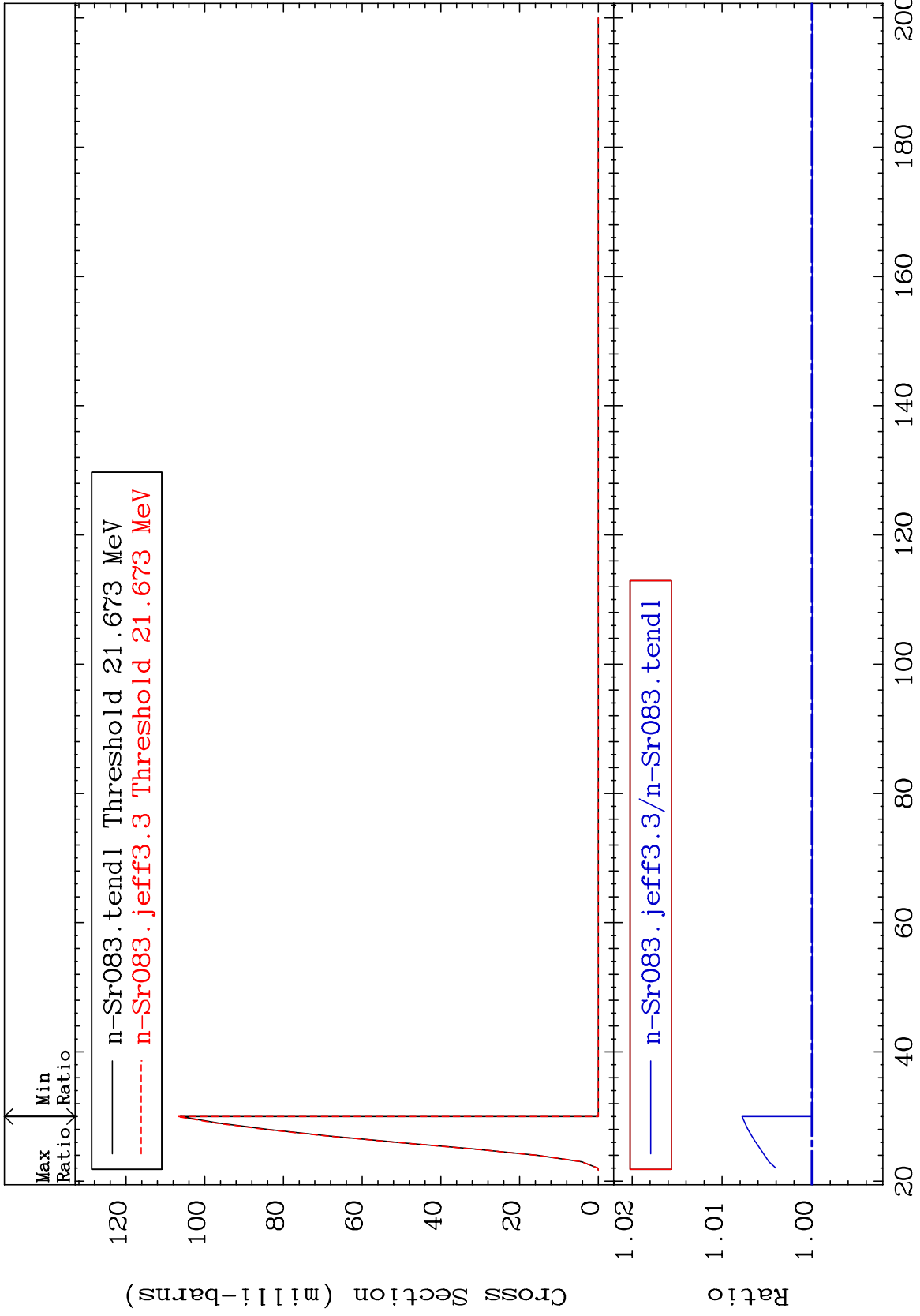
Incident Energy (eV)

38-Sr-83

MAT 3822

(n,3n)
Cross Section

38-Sr-83
0.000 To 0.778 %

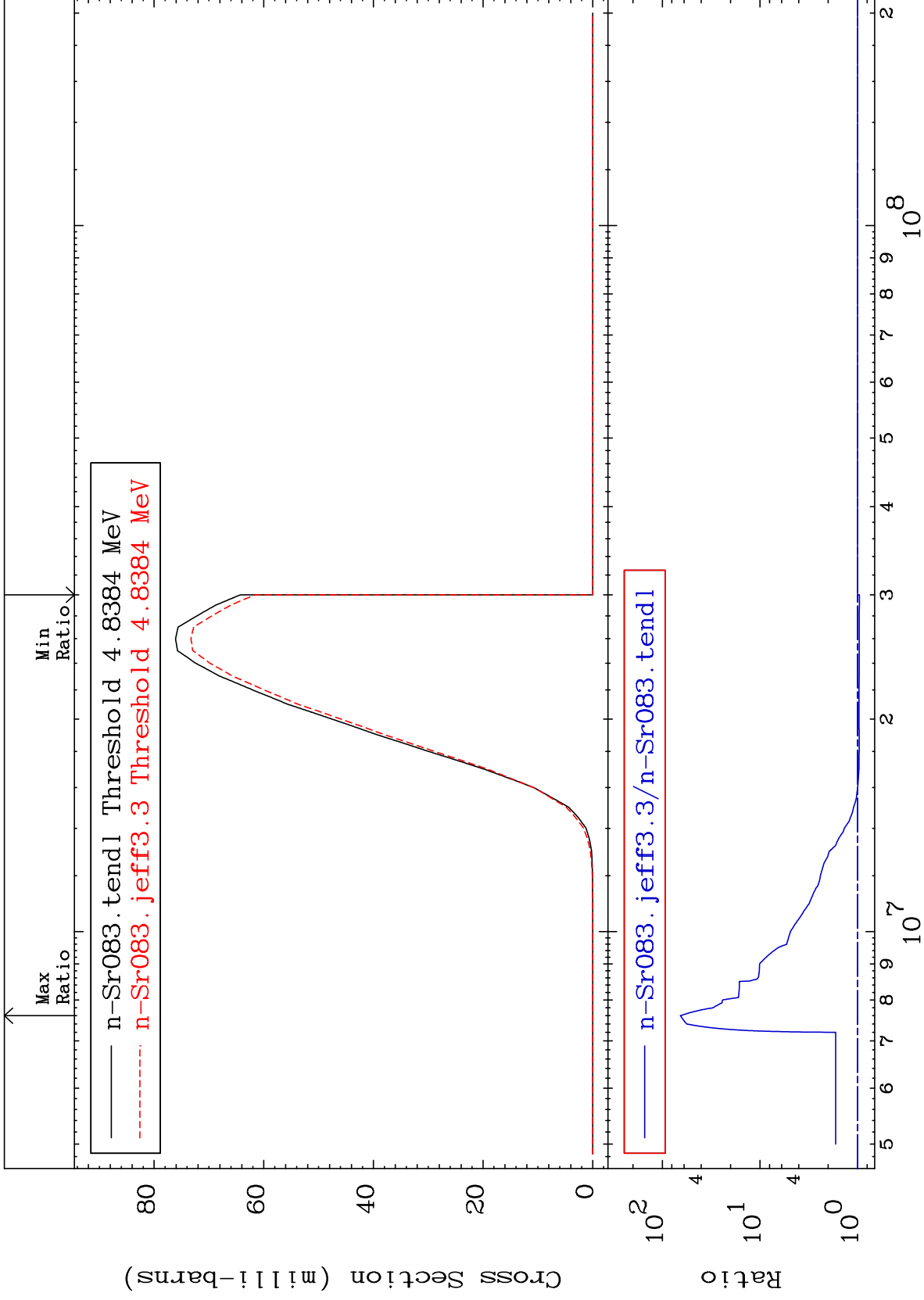


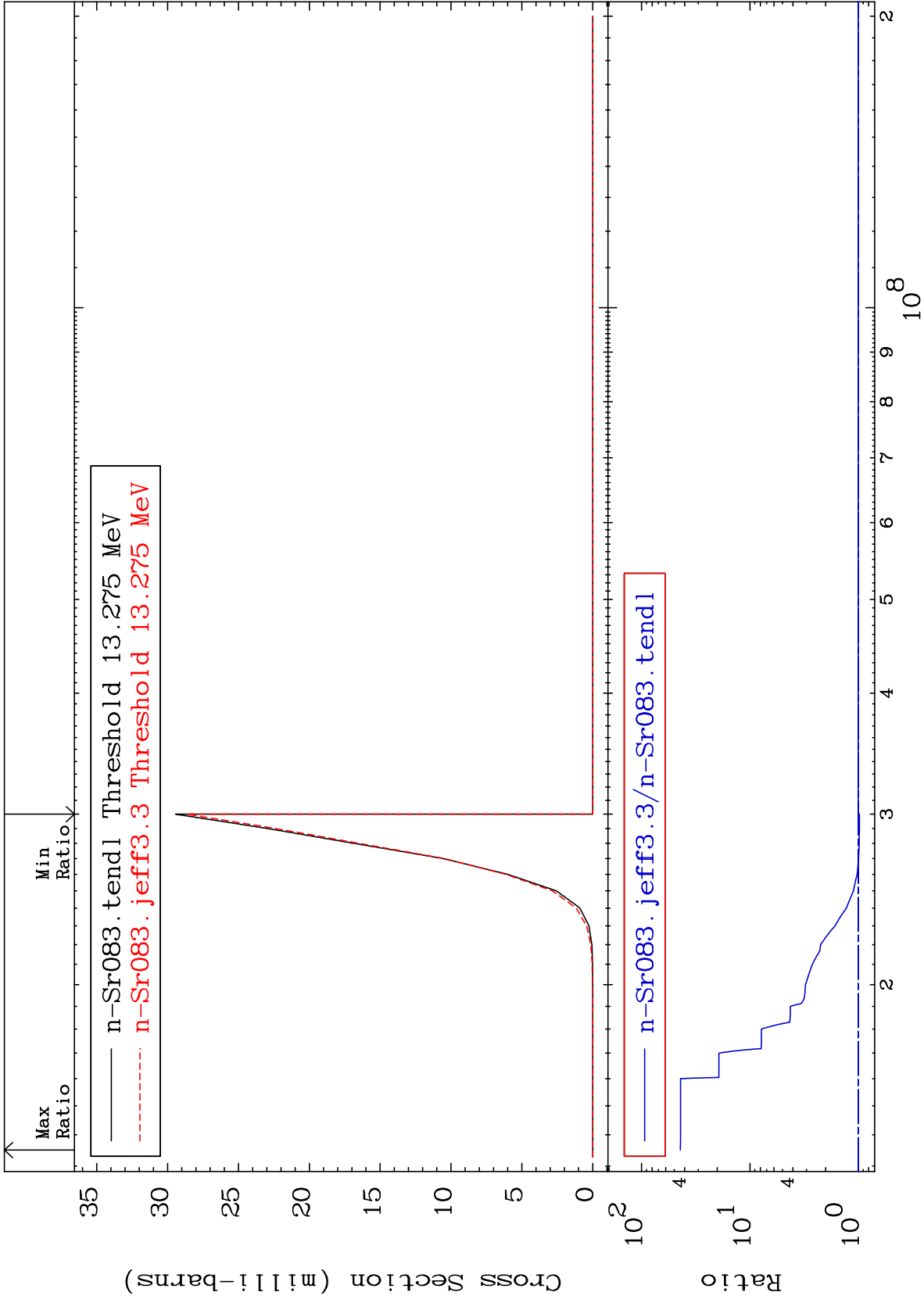
38-Sr-83

MAT 3822

(n, n') α
Cross Section

38-Sr-83
-4.195 To 6448. %

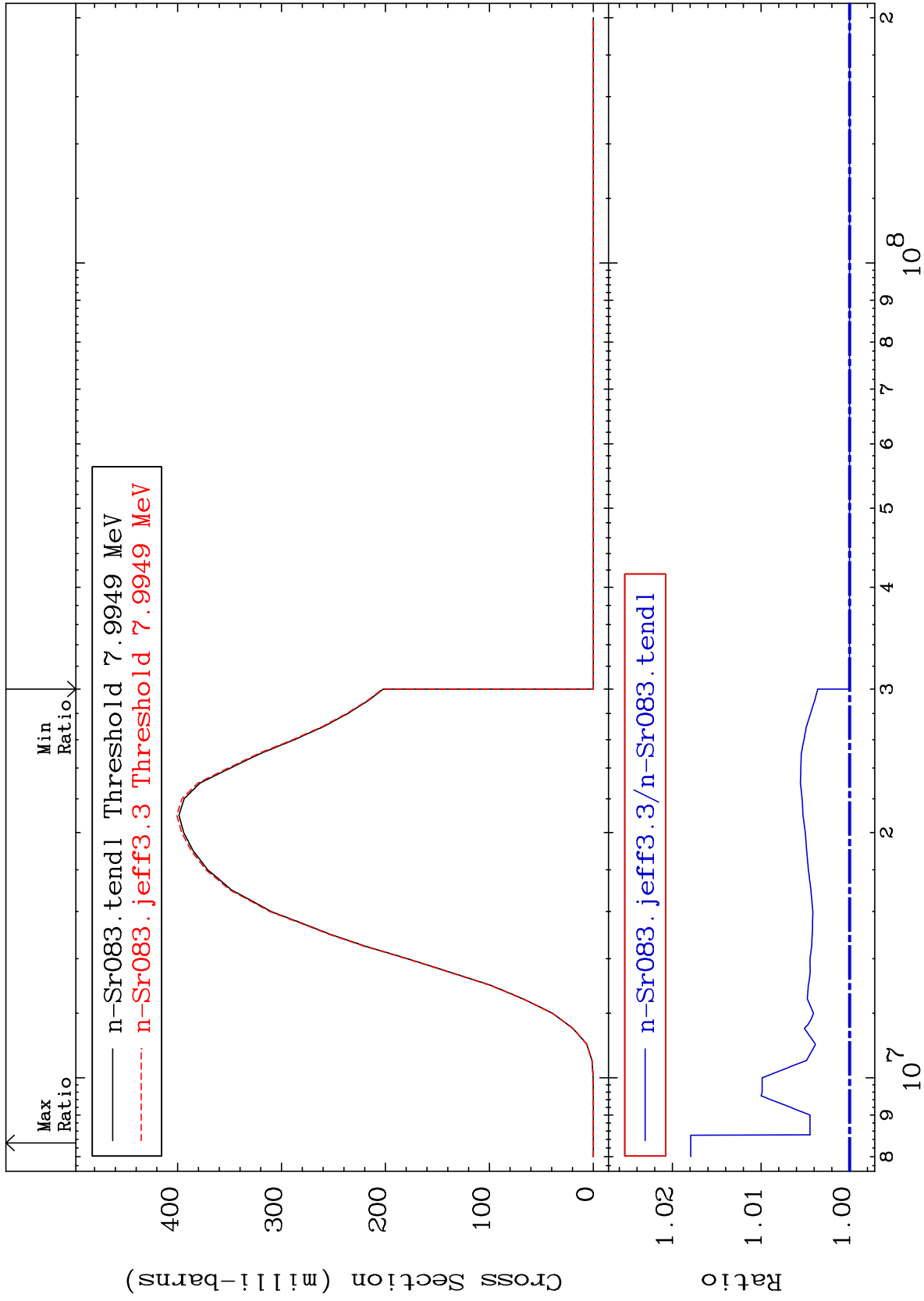




MAT 3822

(n,n') p
Cross Section

38-Sr-83
To 1.794 %



9

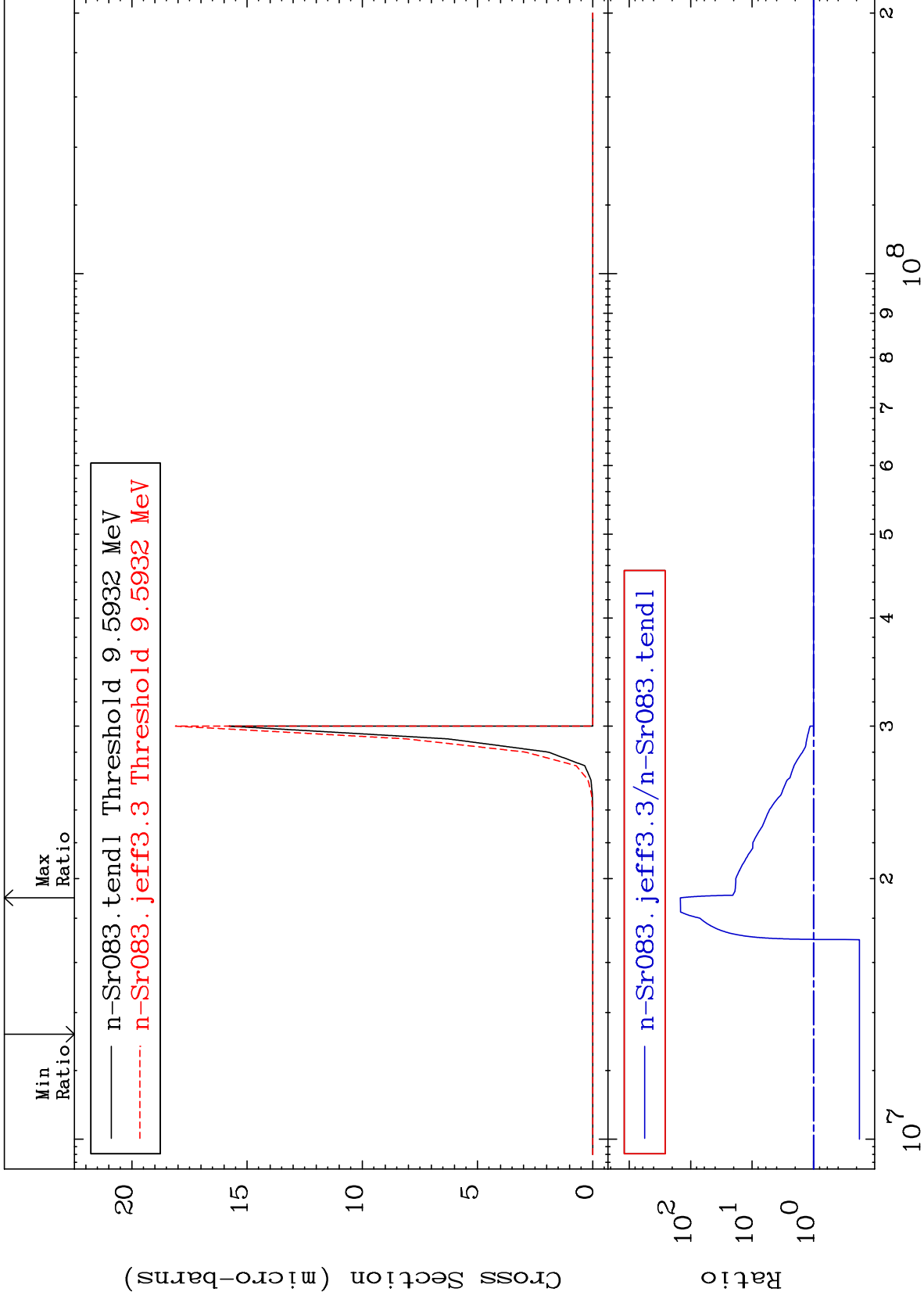
Incident Energy (eV)

38-Sr-83

MAT 3822

(n, n') 2α
Cross Section

38-Sr-83
-82.02 To 9999. %



38-Sr-83

MAT 3822

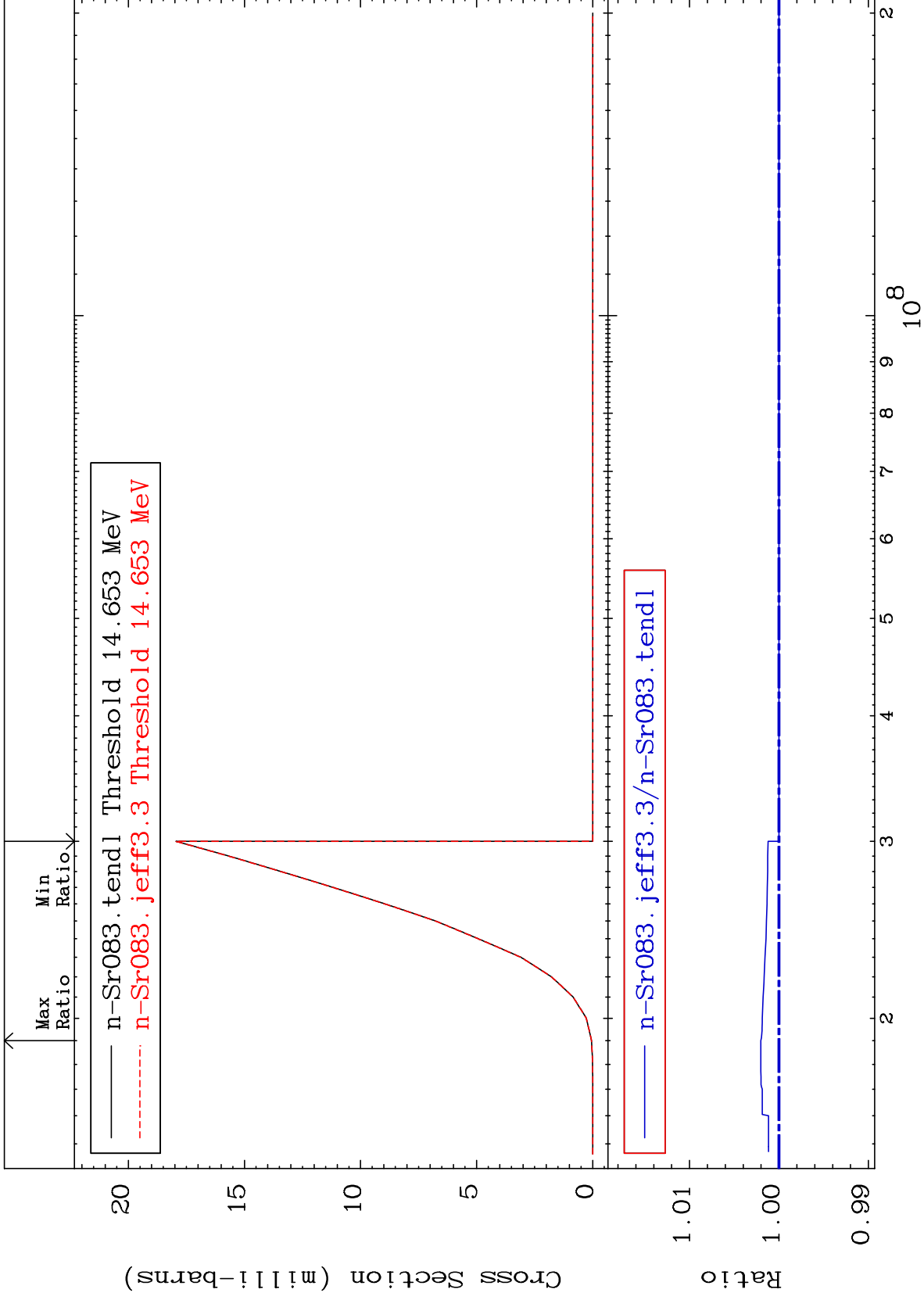
(n,n') d

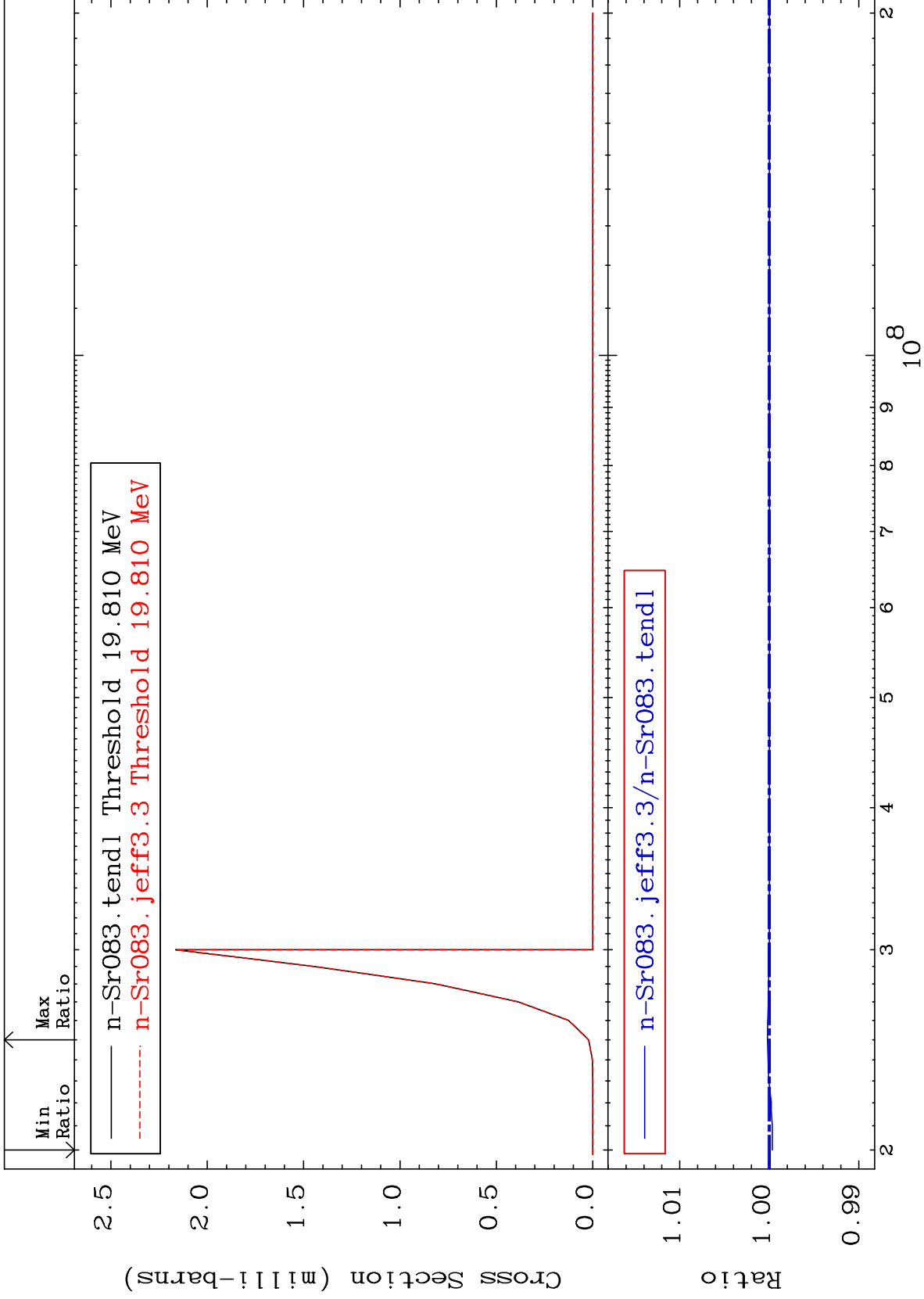
38-Sr-83

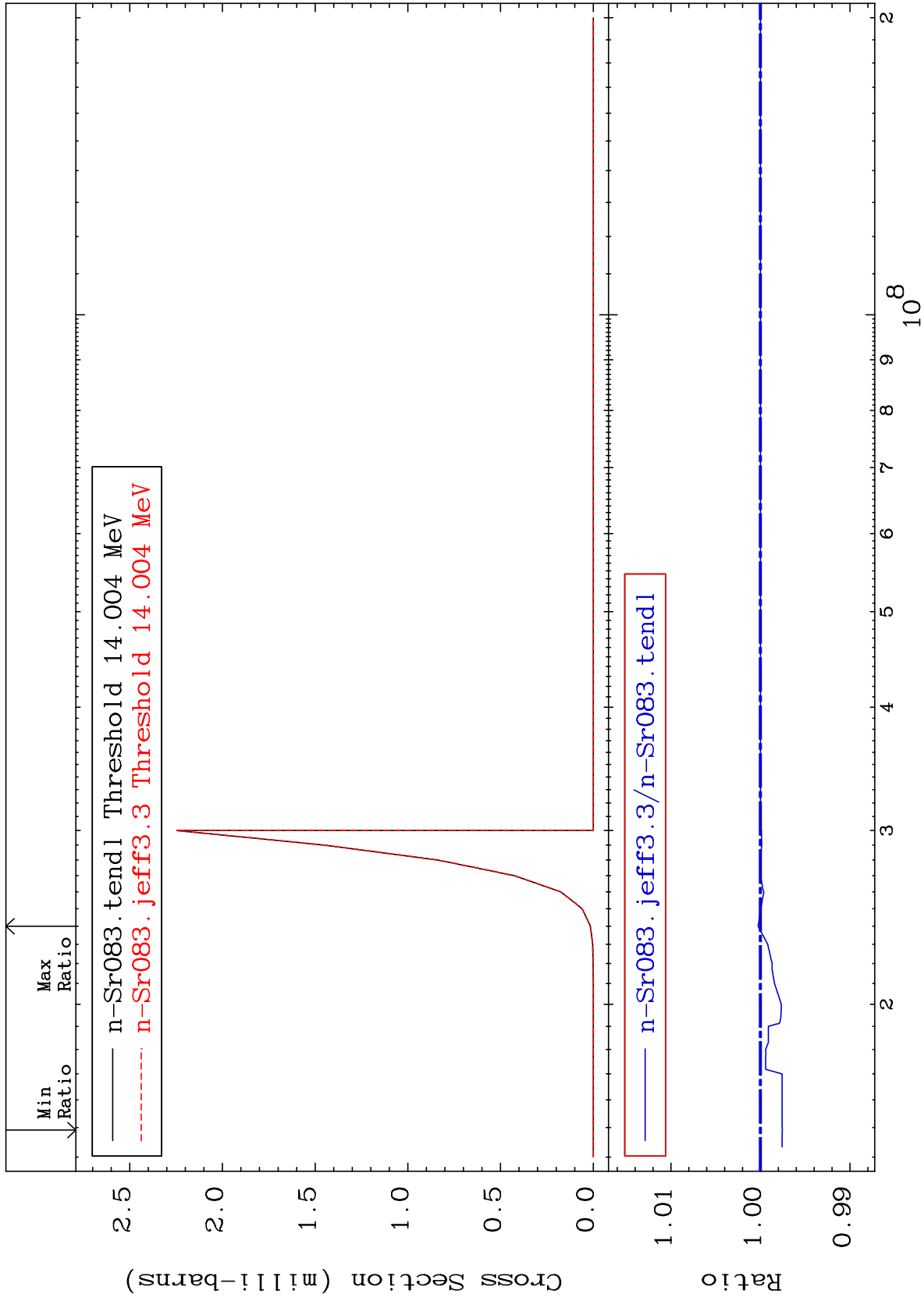
Cross Section

0.000

To 0.203 %



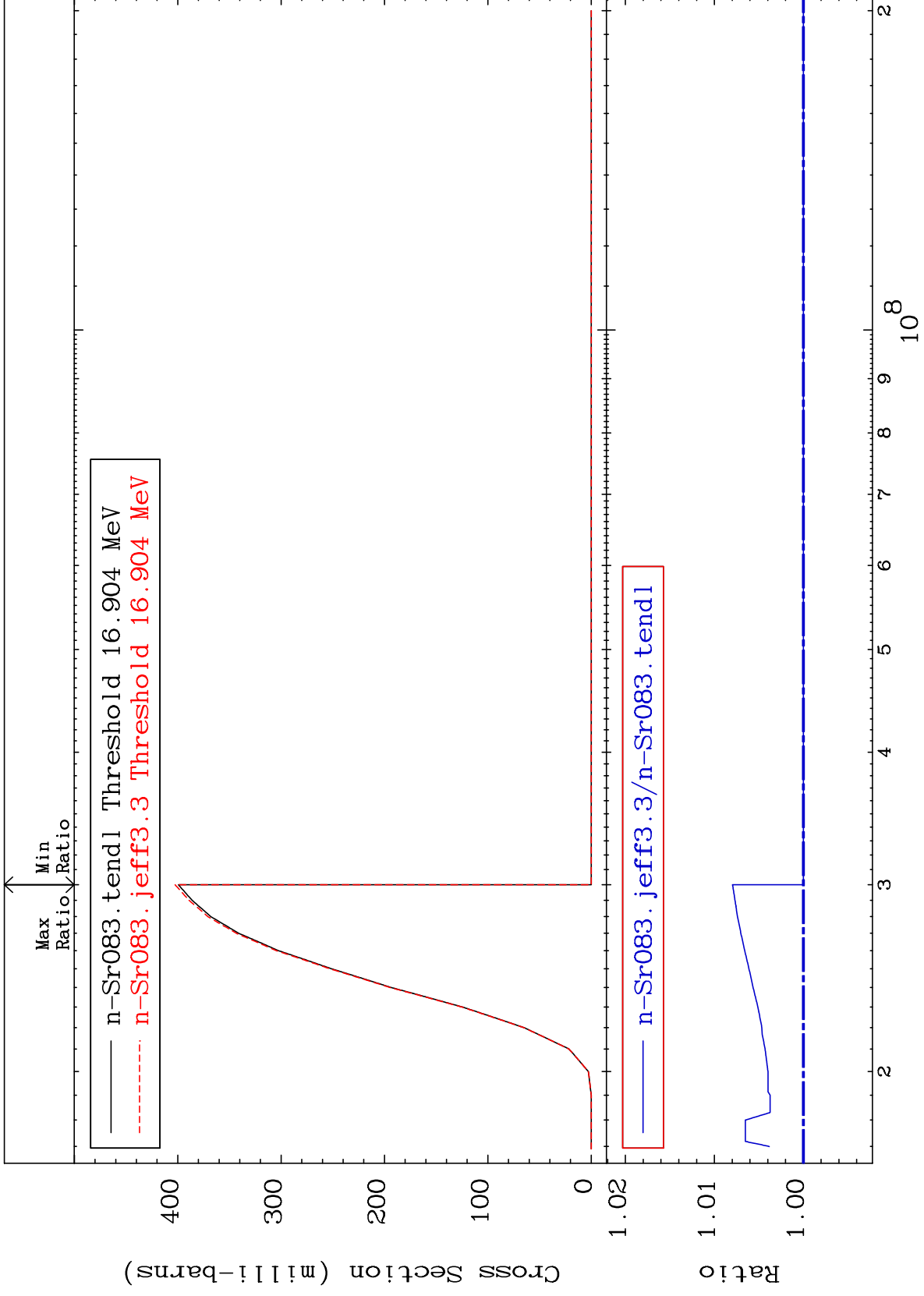




MAT 3822

(n,2n) p
Cross Section

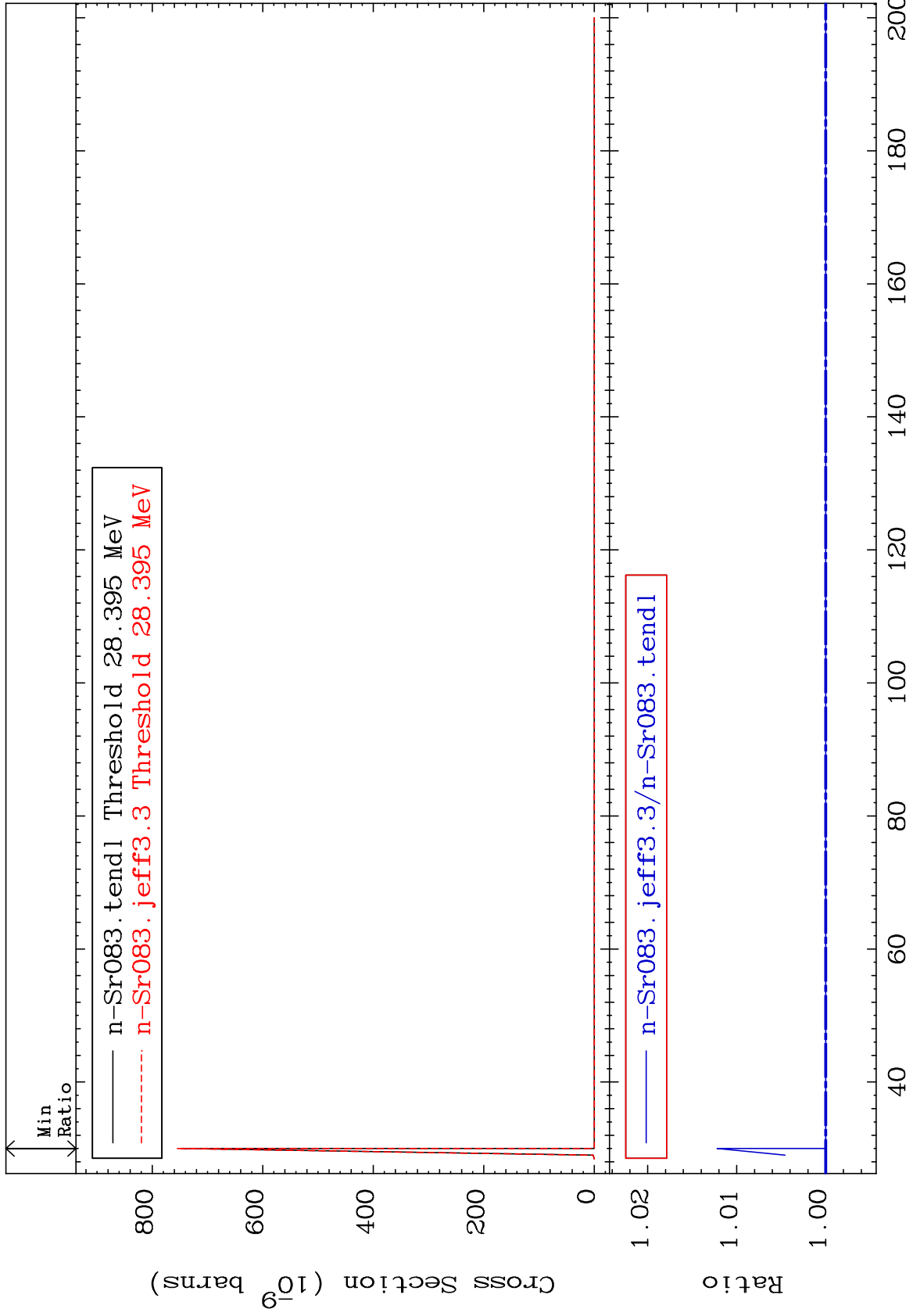
38-Sr-83
To 0.796 %



MAT 3822

(n,3n) p
Cross Section

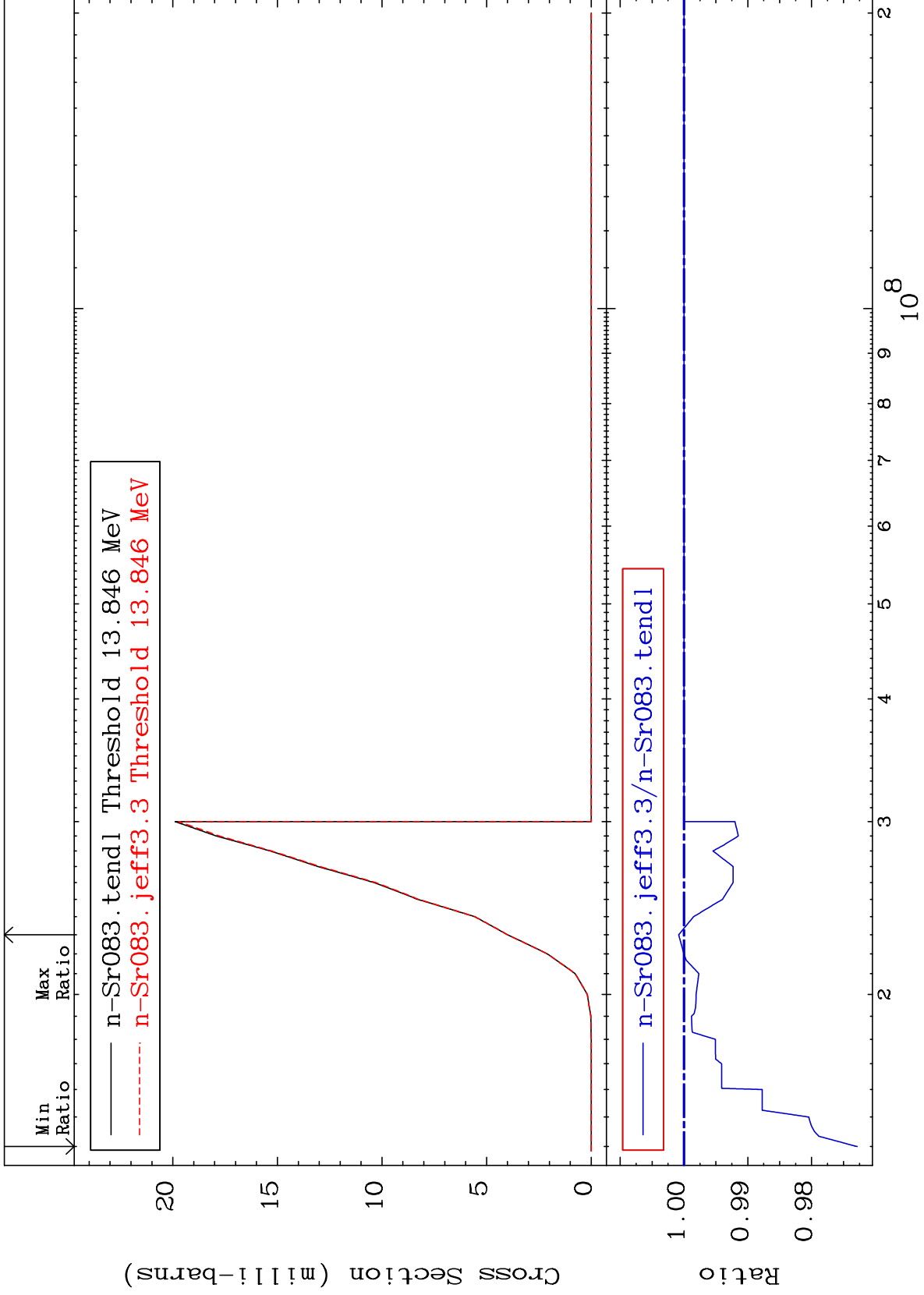
38-Sr-83
0.000 To 1.221 %

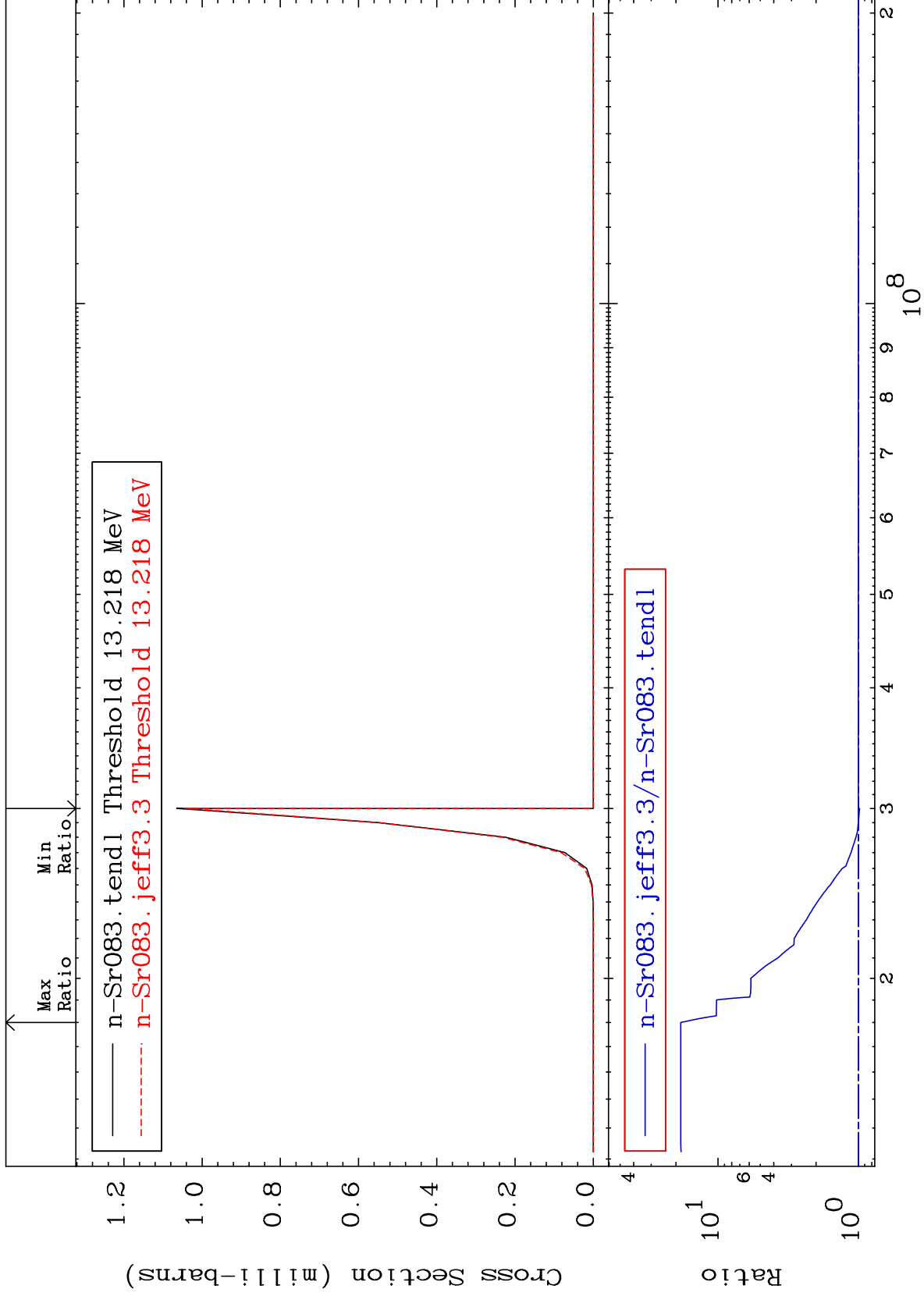


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Incident Energy (MeV)

38-Sr-83

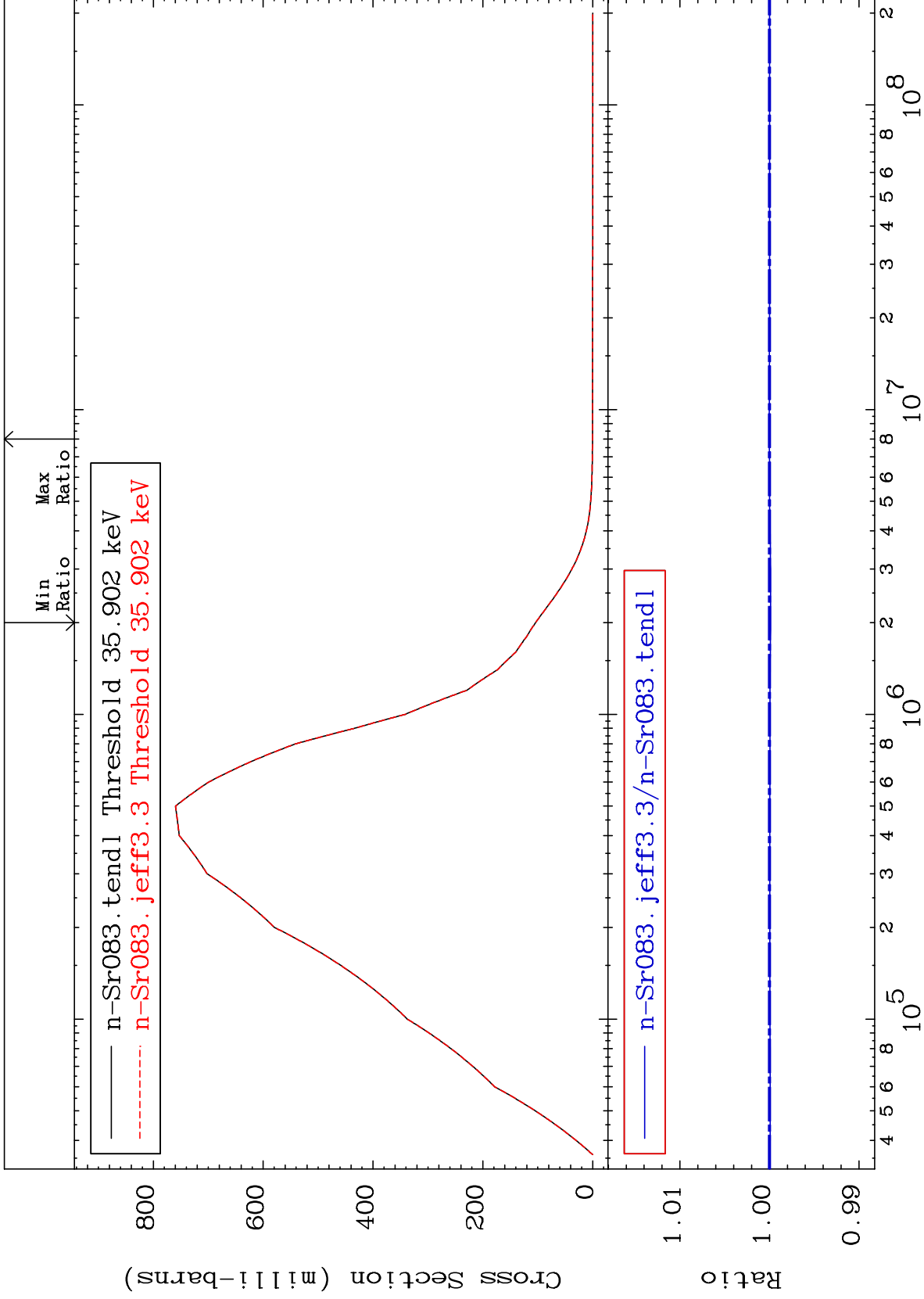




MAT 3822

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

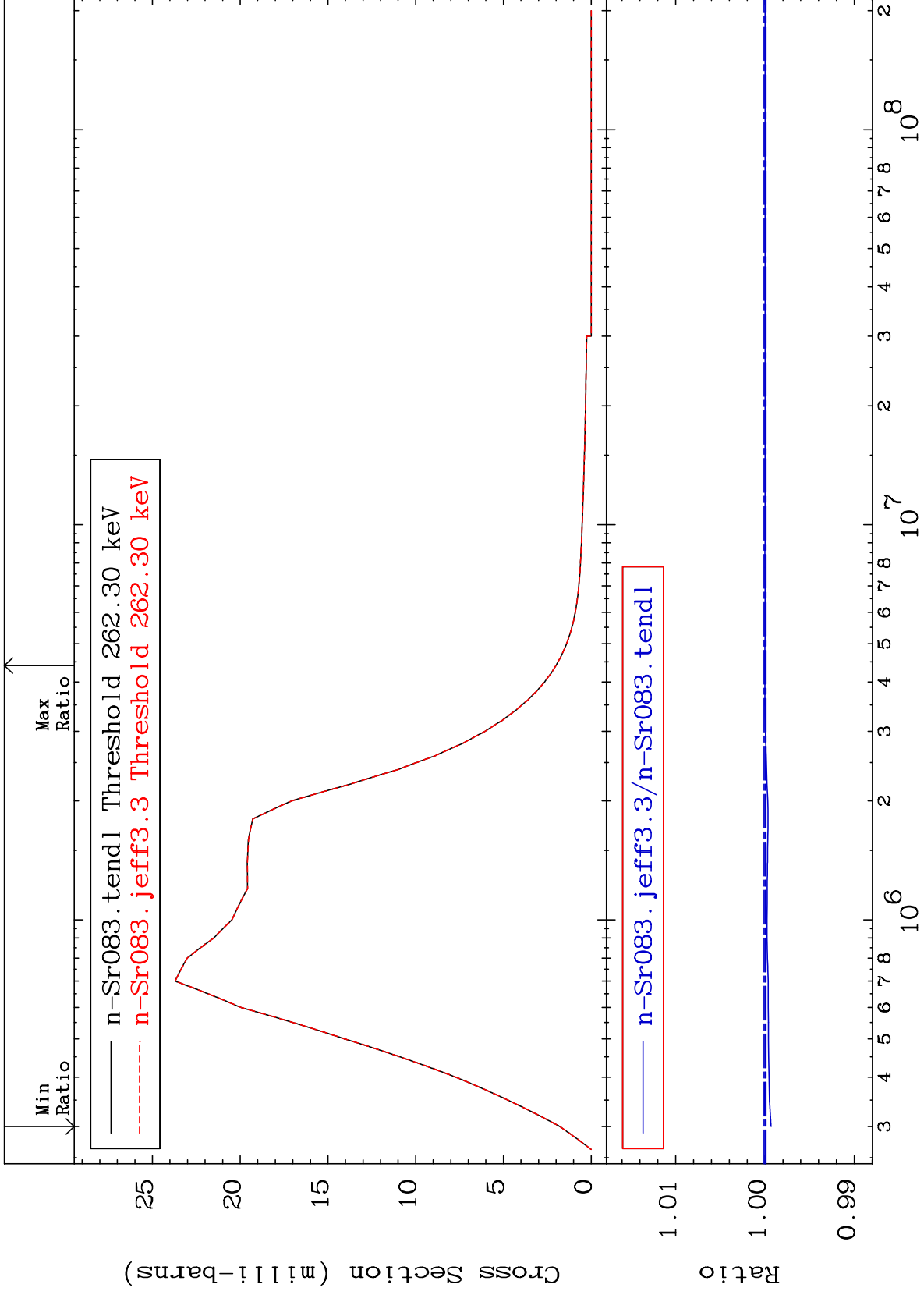
38-Sr-83
-0.013 To 0.003 %



MAT 3822

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

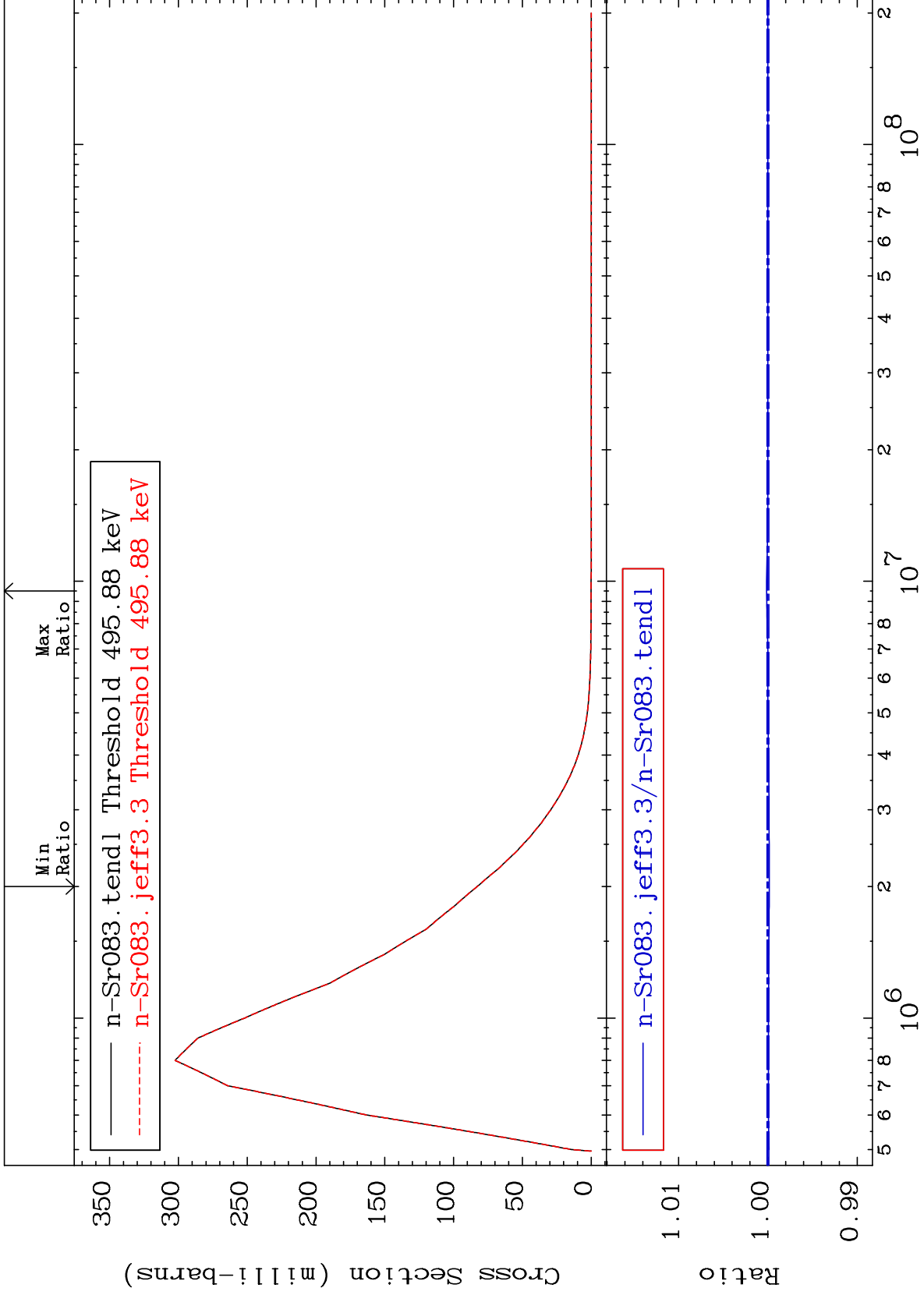
38-Sr-83
-0.067 To 0.002 %



MAT 3822

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

38-Sr-83
-0.016 To 0.014 %



20

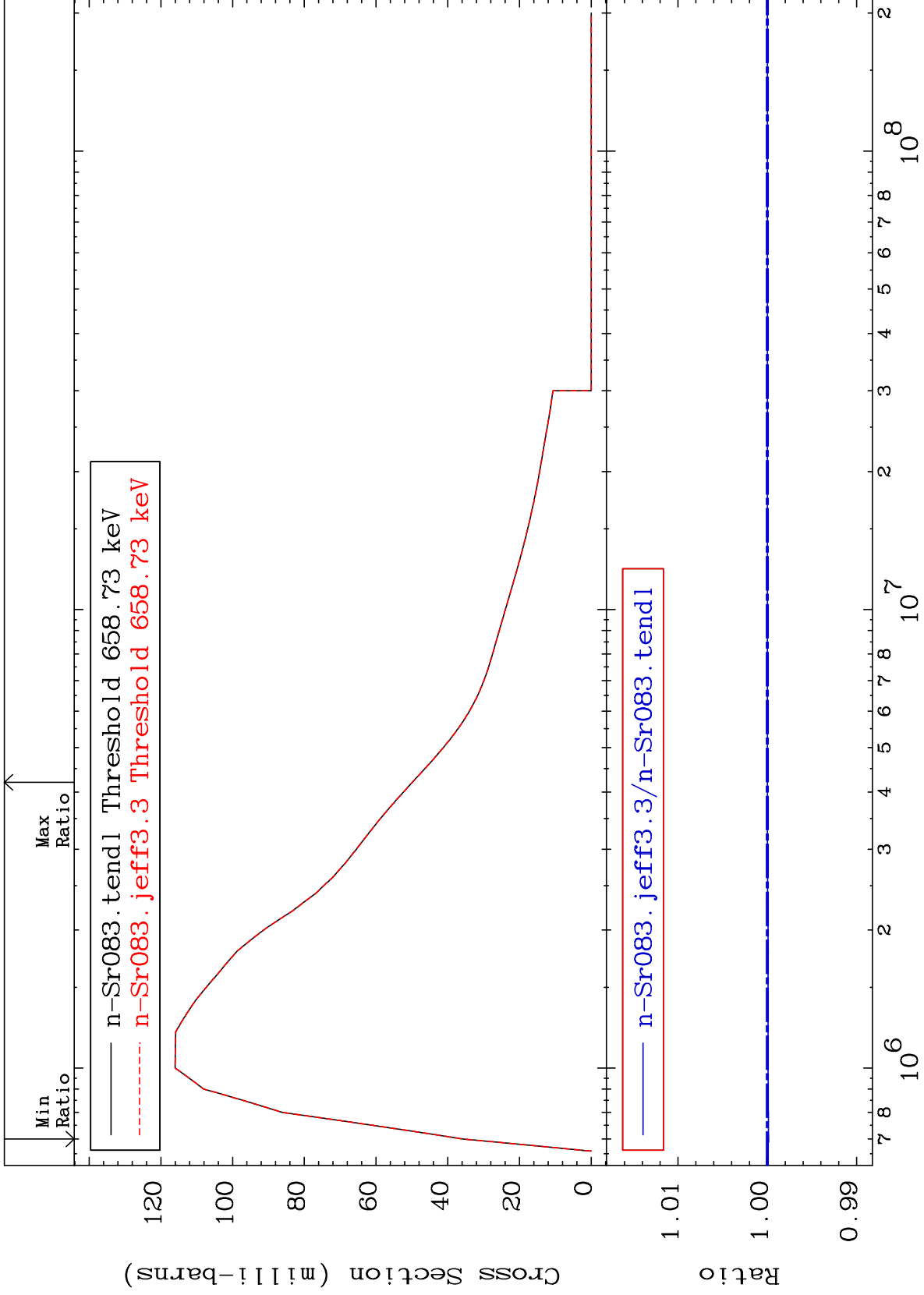
Incident Energy (eV)

38-Sr-83

MAT 3822

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

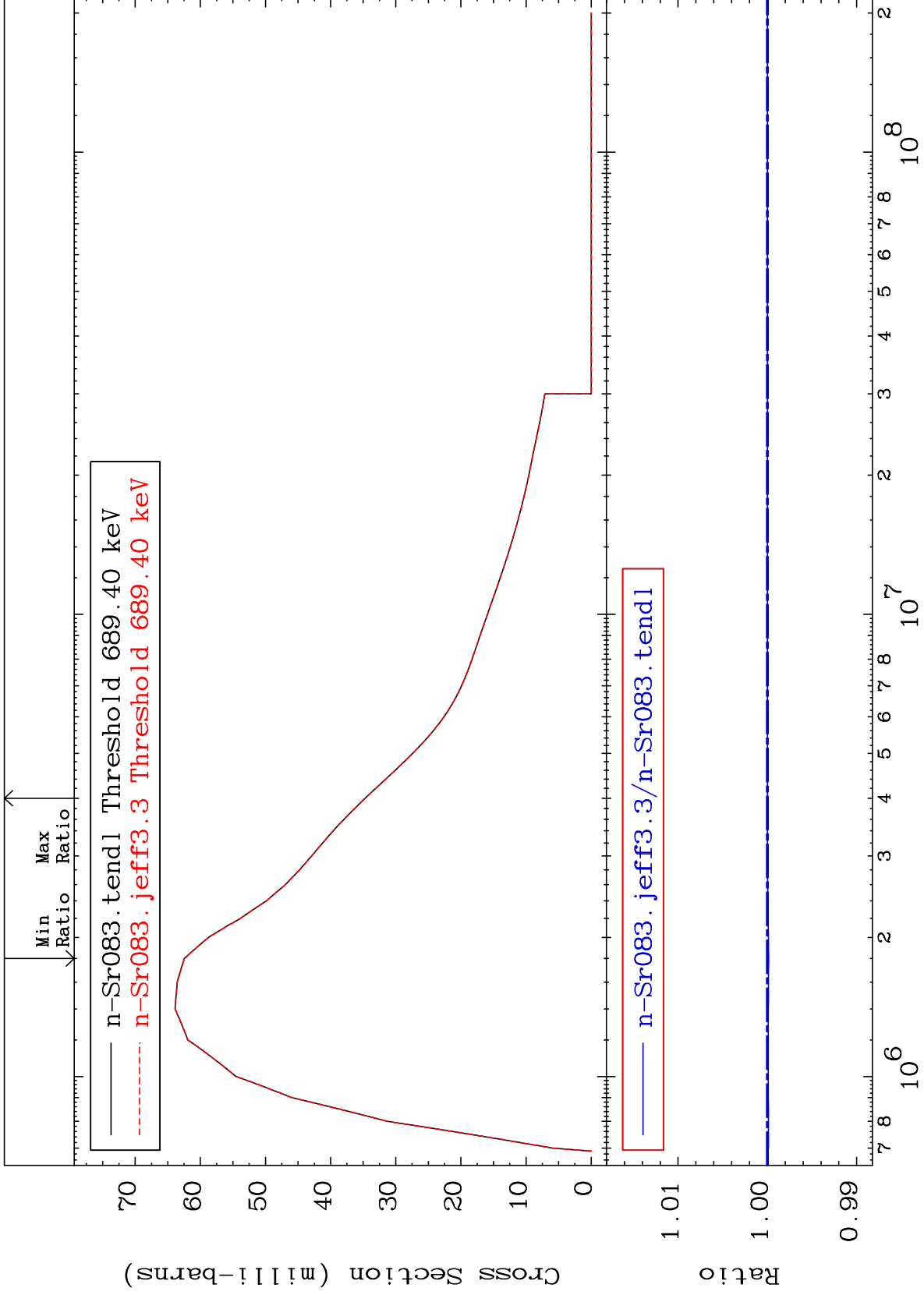
38-Sr-83
-0.014 To 0.000 %



MAT 3822

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

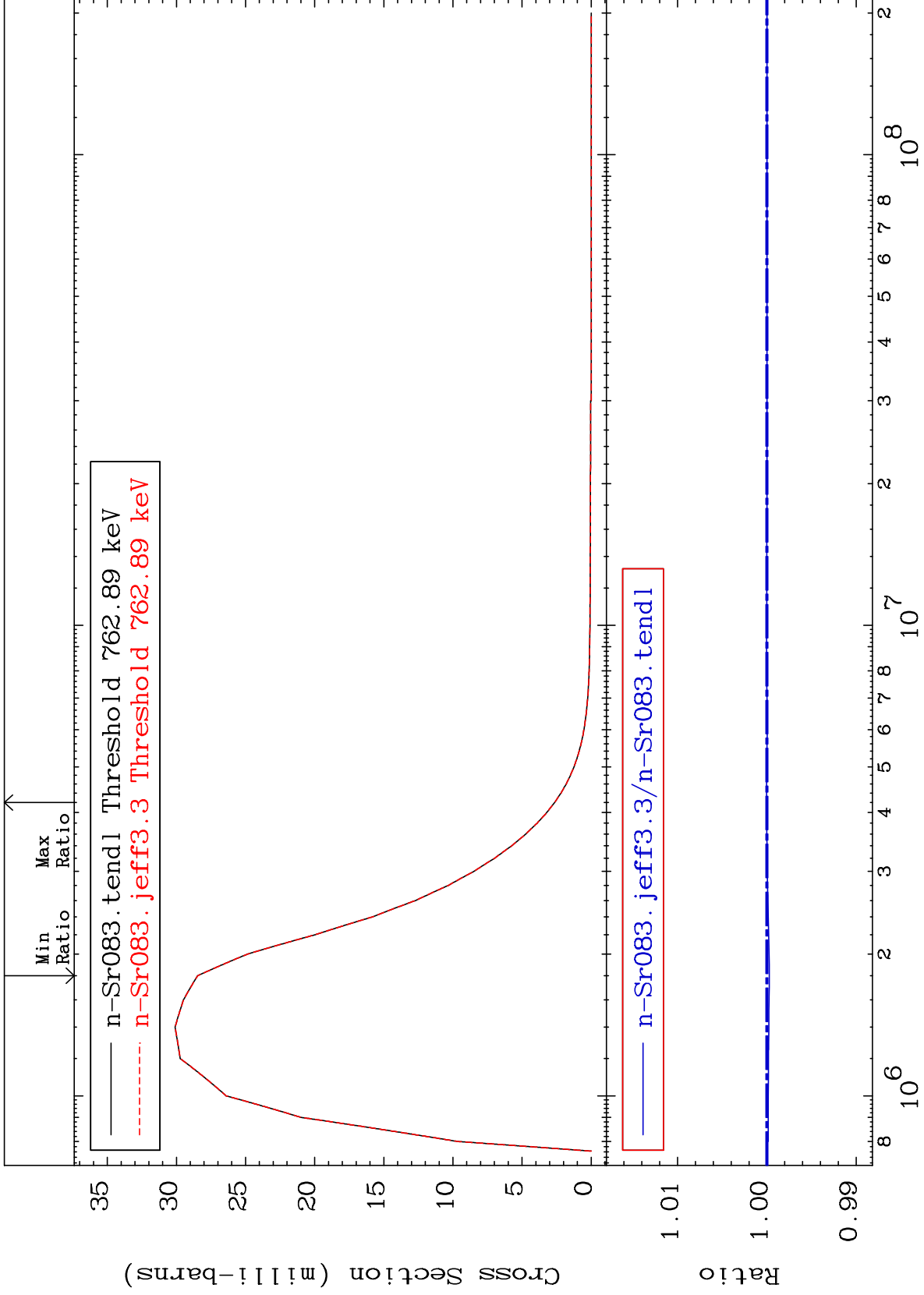
38-Sr-83
-0.013 To 0.000 %



MAT 3822

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

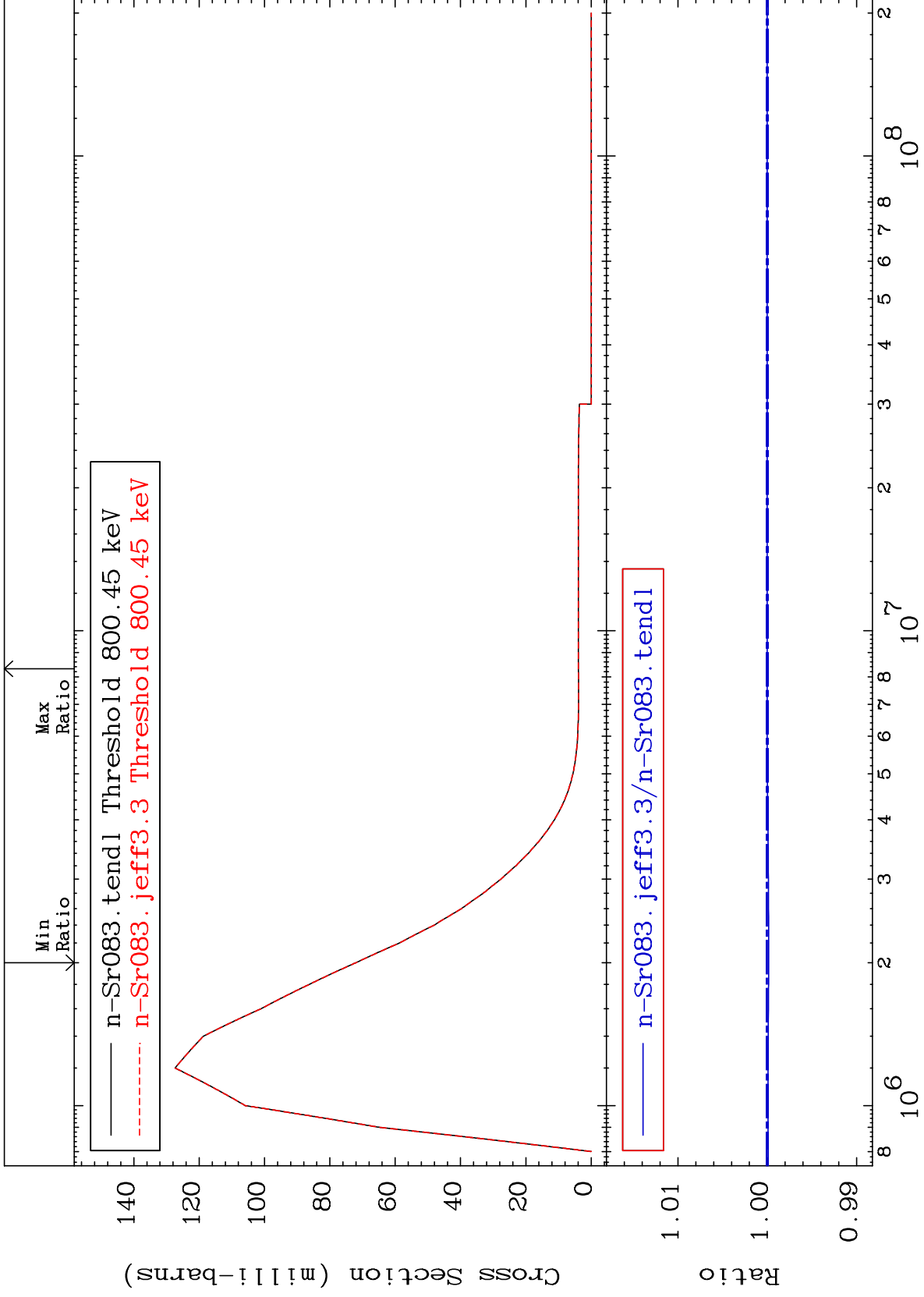
38-Sr-83
-0.028 To 0.004 %



MAT 3822

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

38-Sr-83
-0.015 To 0.000 %



24

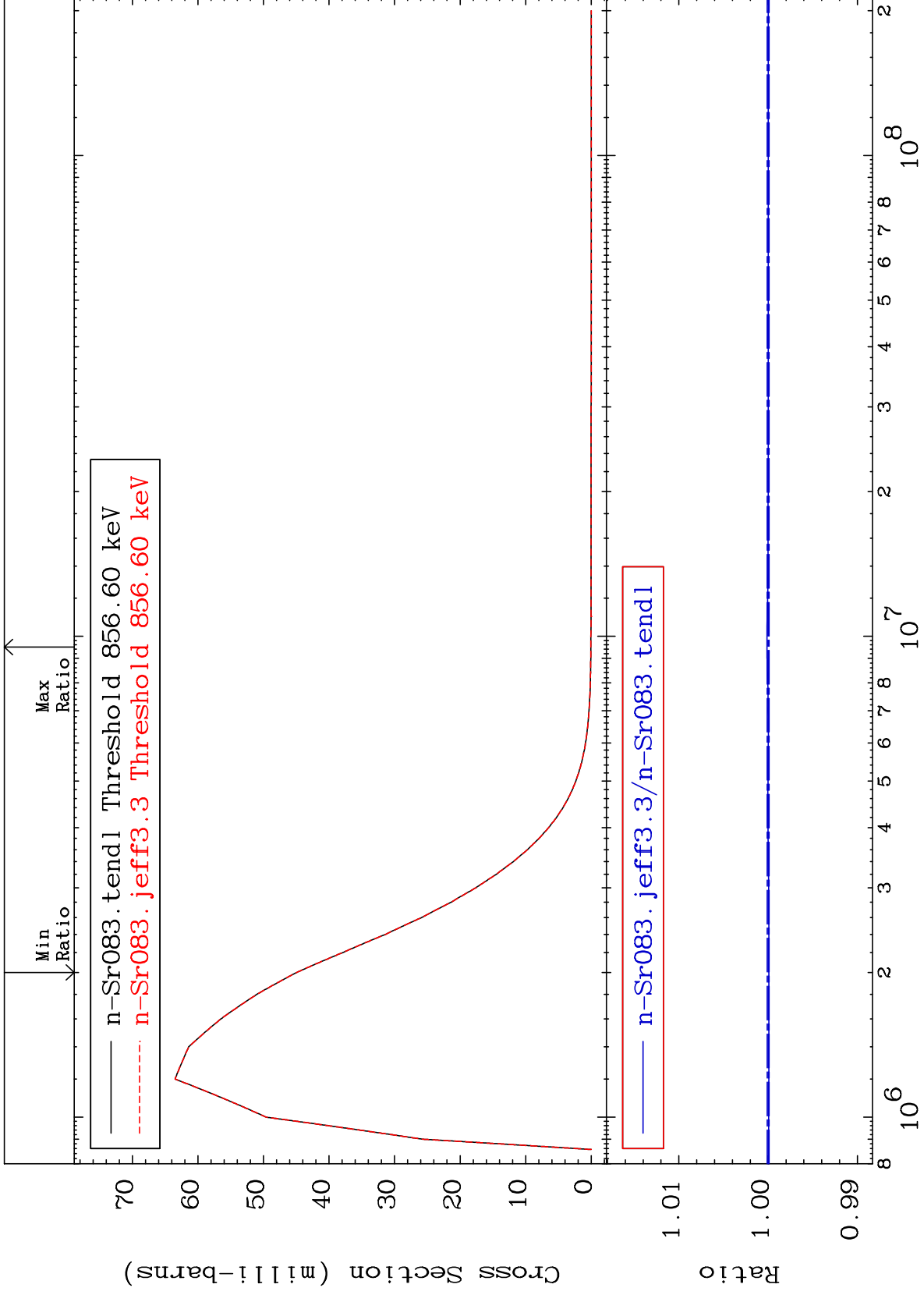
Incident Energy (eV)

38-Sr-83

MAT 3822

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

38-Sr-83
-0.009 To 0.014 %



25

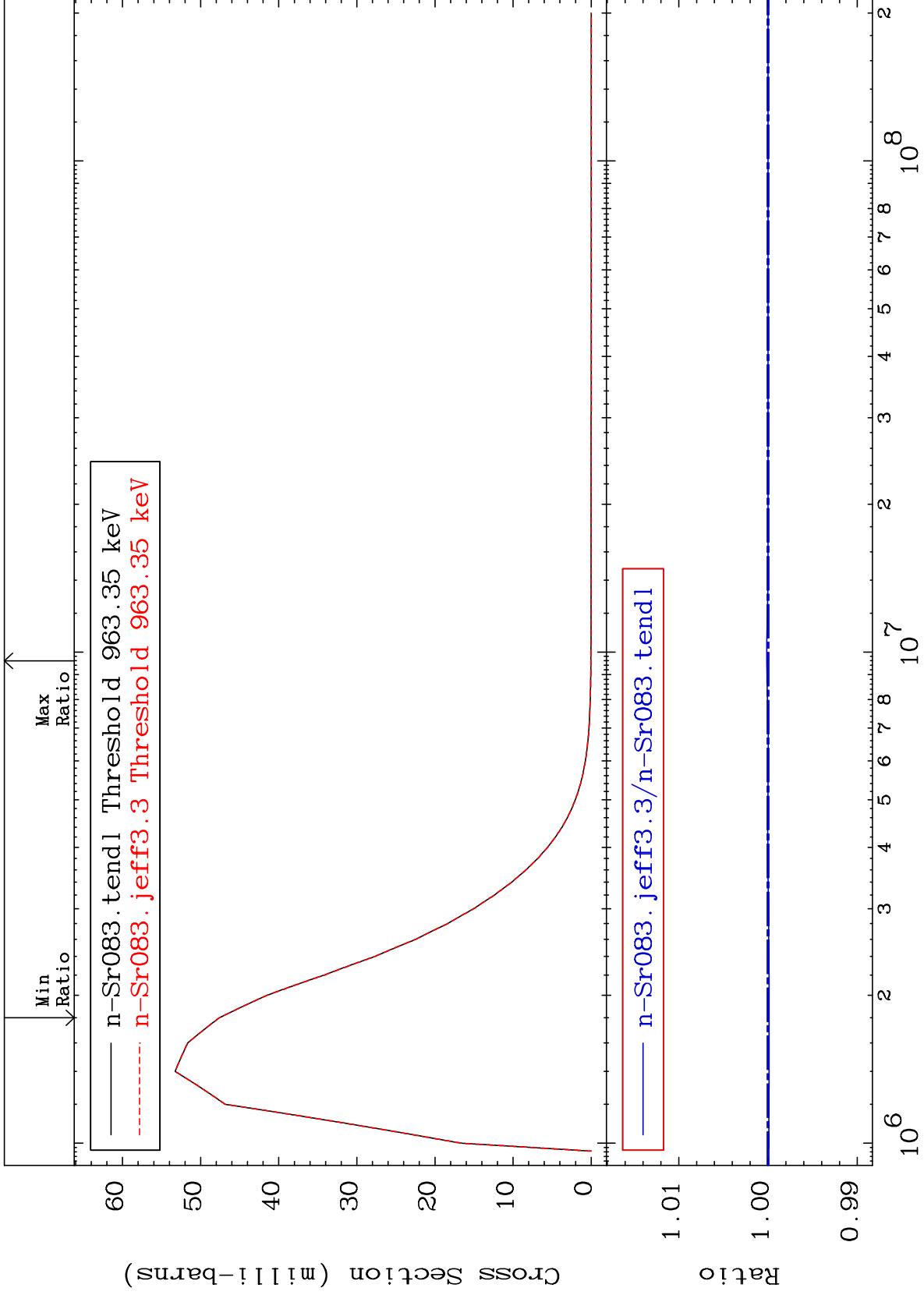
Incident Energy (eV)

38-Sr-83

MAT 3822

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

38-Sr-83
-0.012 To 0.014 %



26

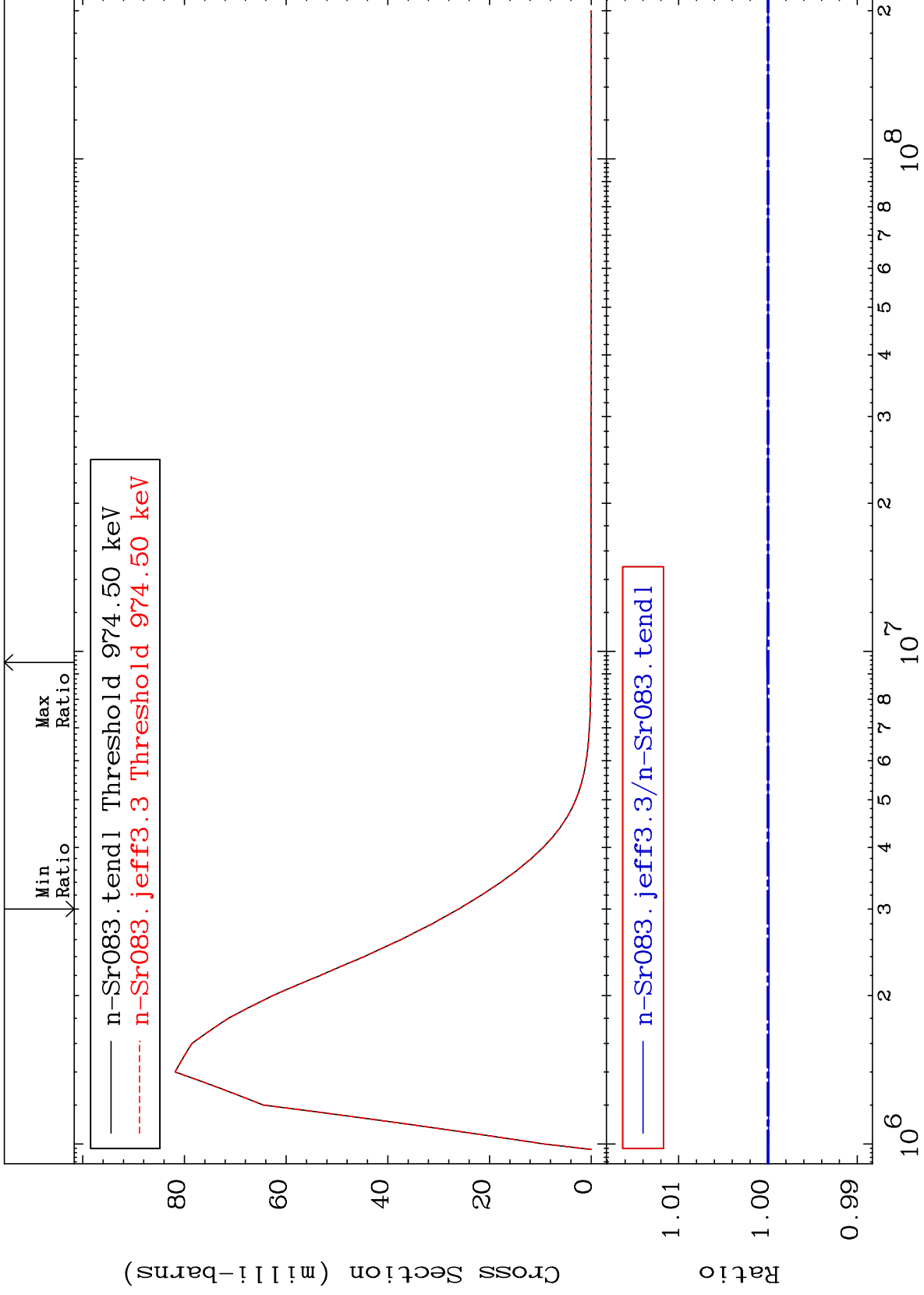
Incident Energy (eV)

38-Sr-83

MAT 3822

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

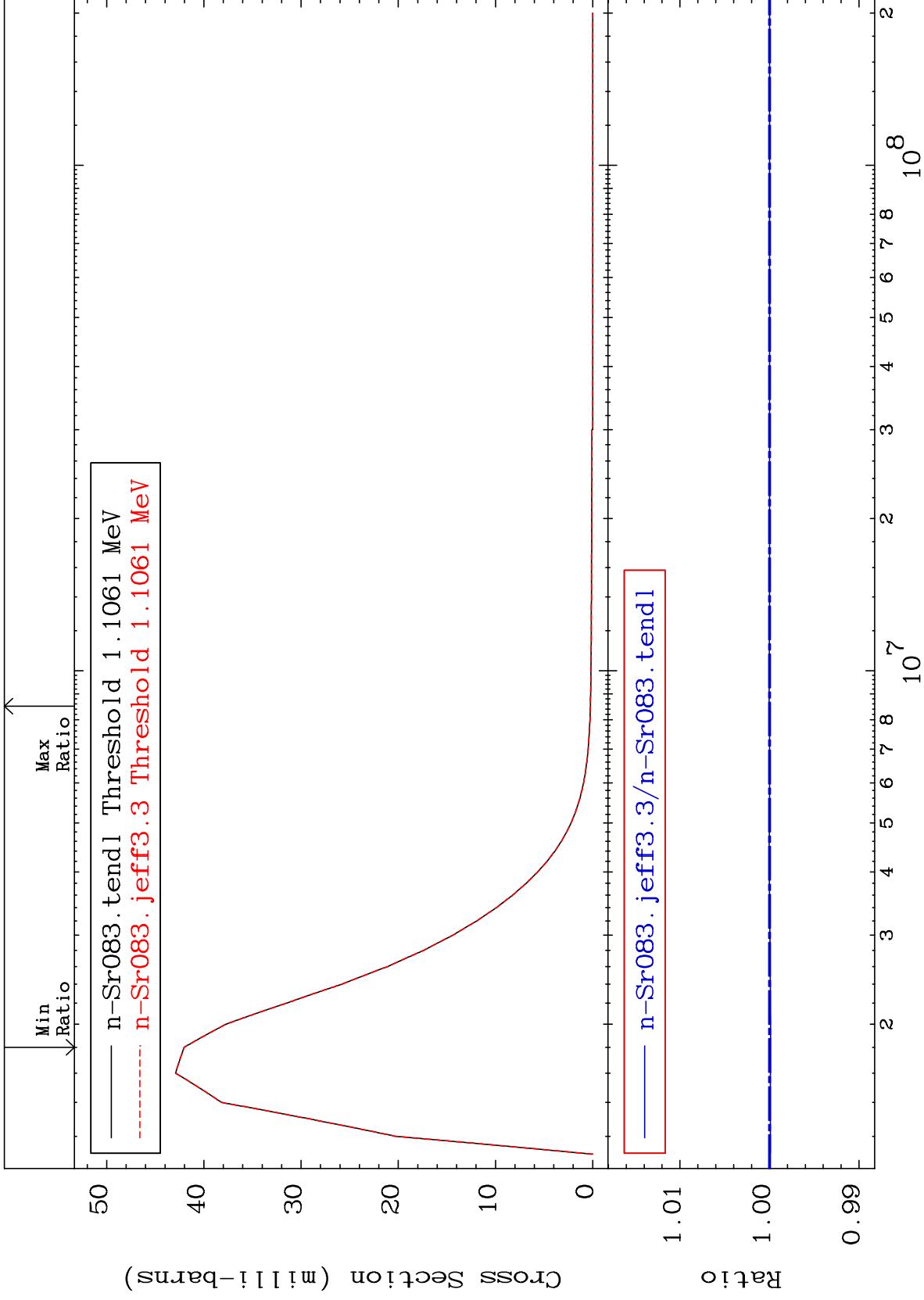
38-Sr-83
-0.012 To 0.013 %

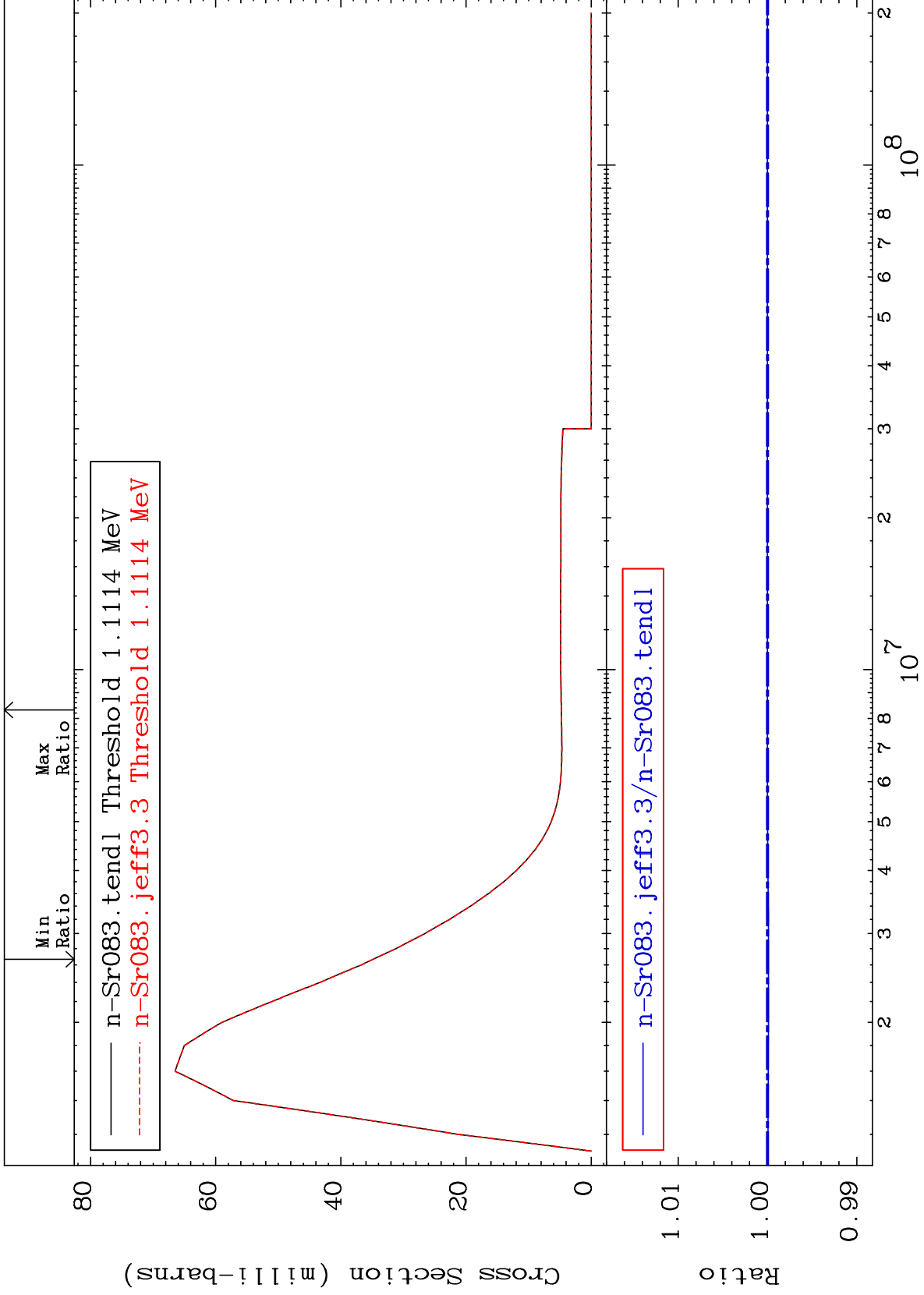


27

Incident Energy (eV)

38-Sr-83

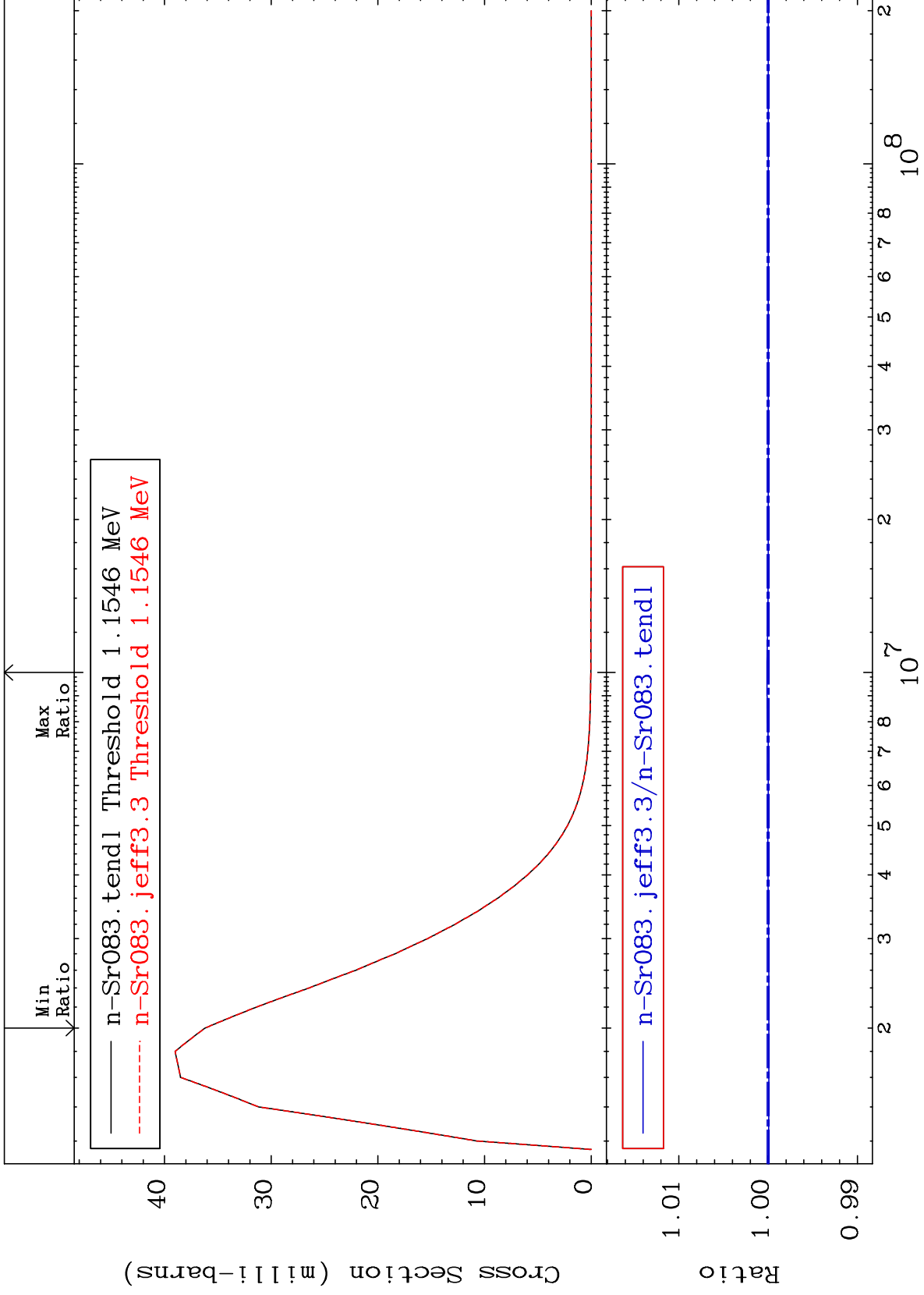




MAT 3822

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

38-Sr-83
-0.008 To 0.013 %



30

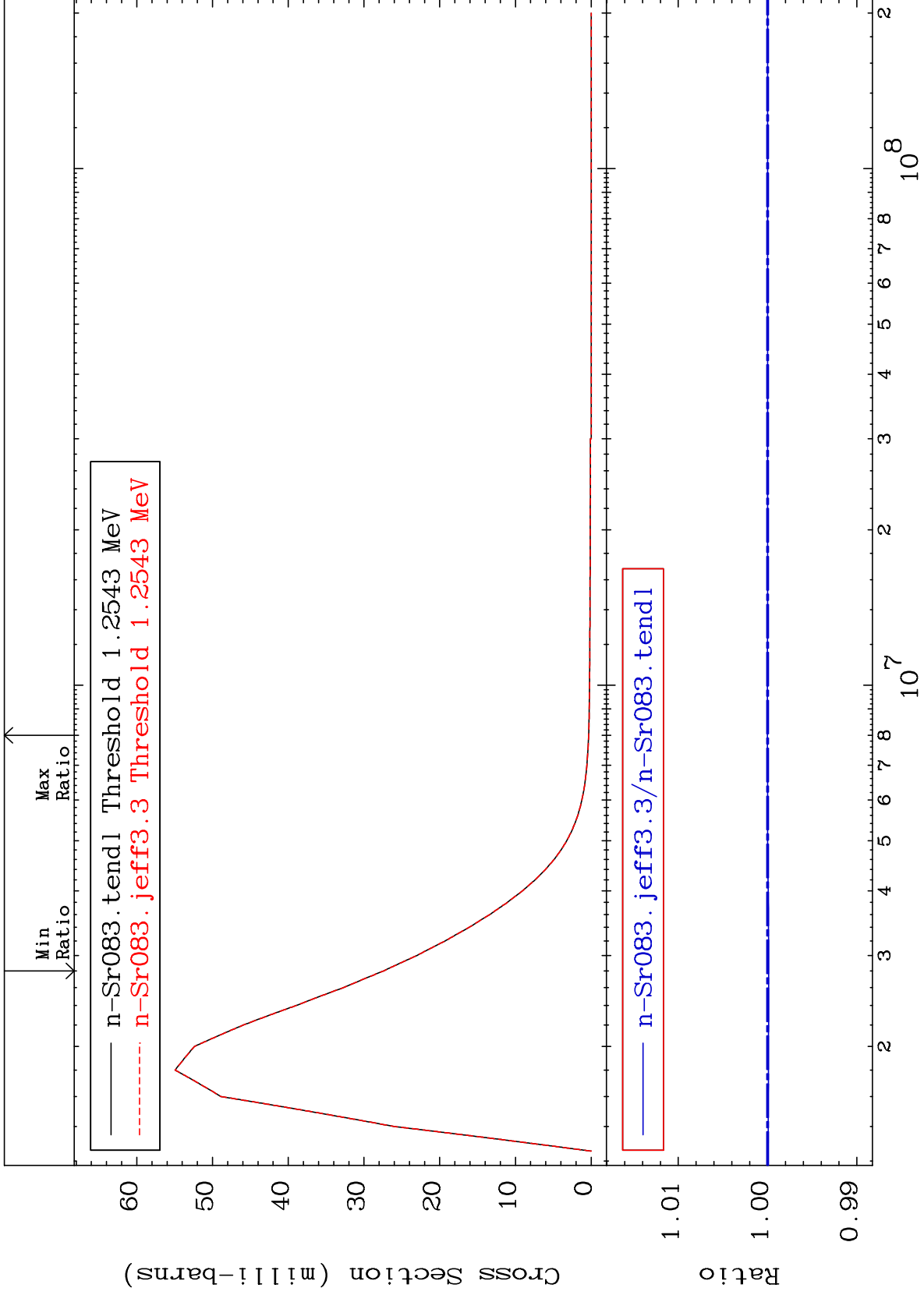
Incident Energy (eV)

38-Sr-83

MAT 3822

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

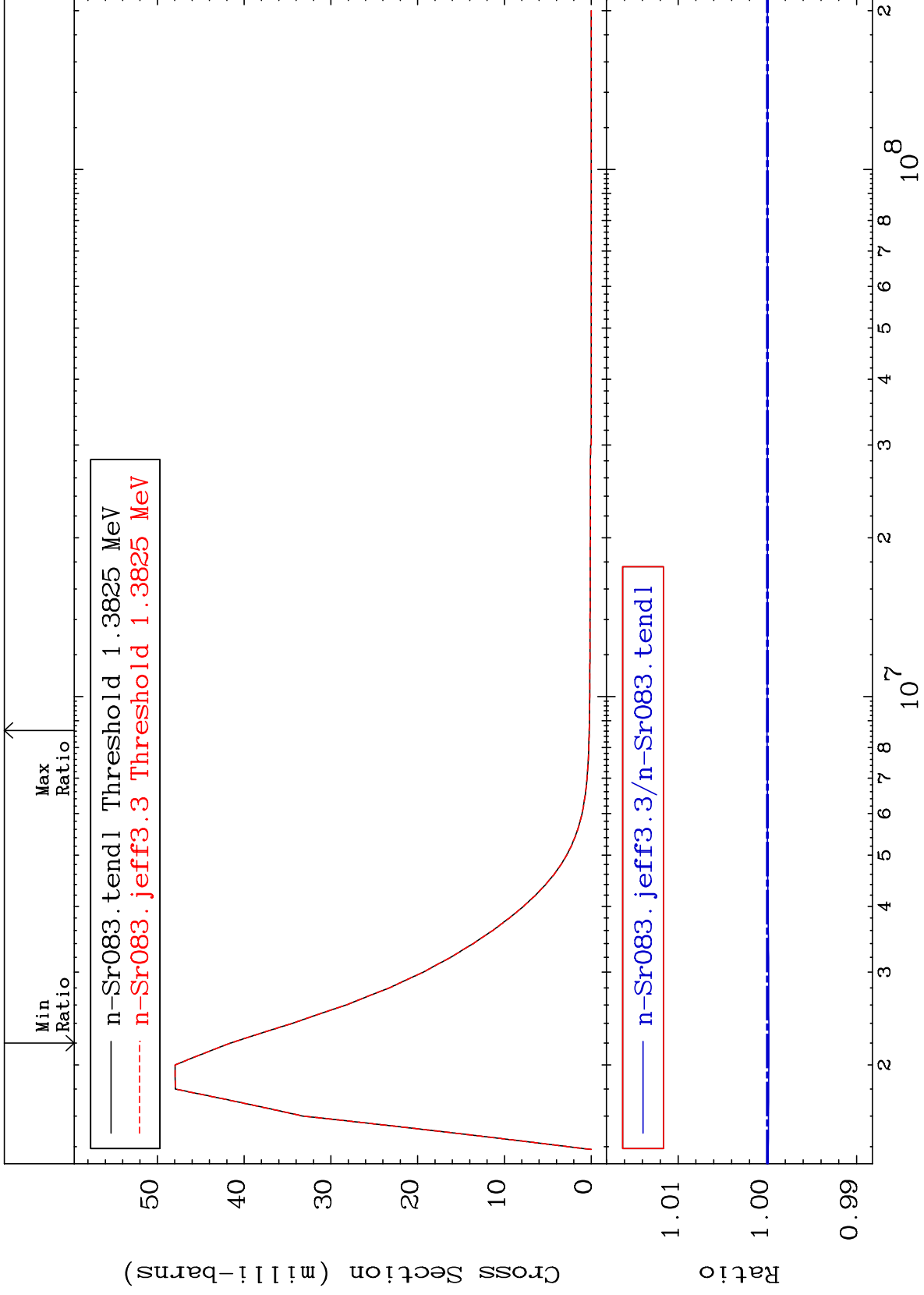
38-Sr-83
-0.011 To 0.003 %



MAT 3822

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

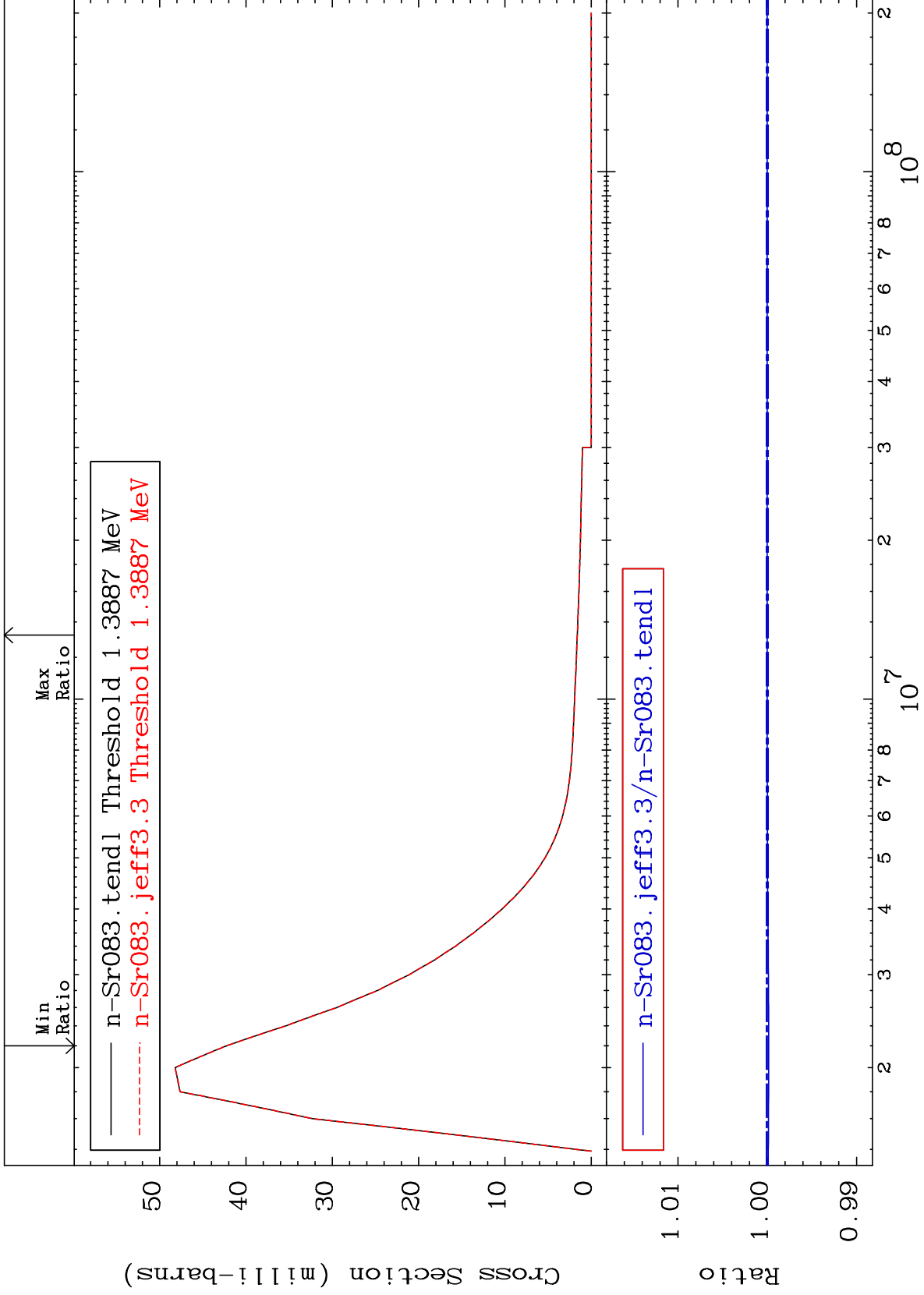
38-Sr-83
-0.016 To 0.003 %



MAT 3822

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

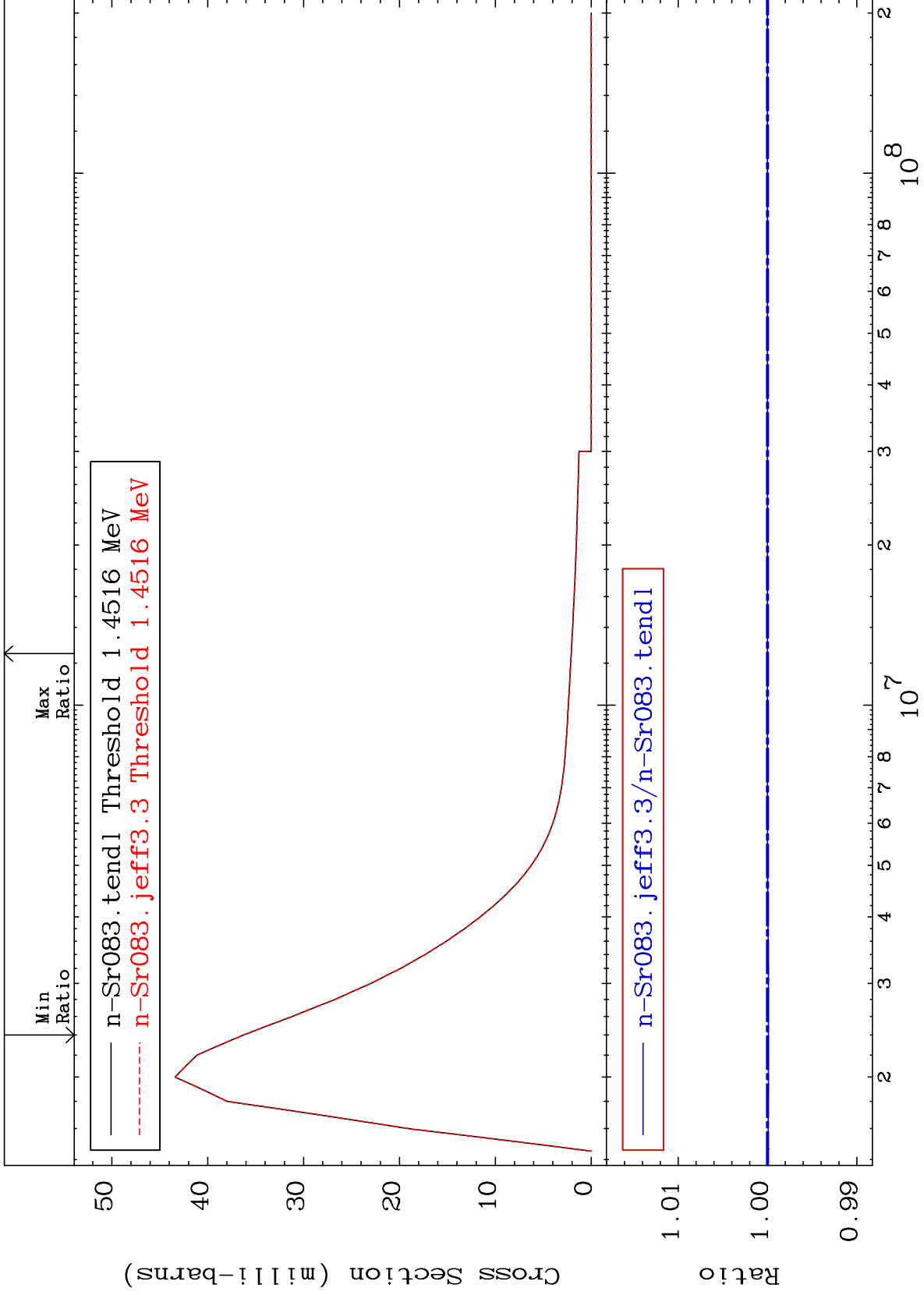
38-Sr-83
-0.015 To 0.000 %

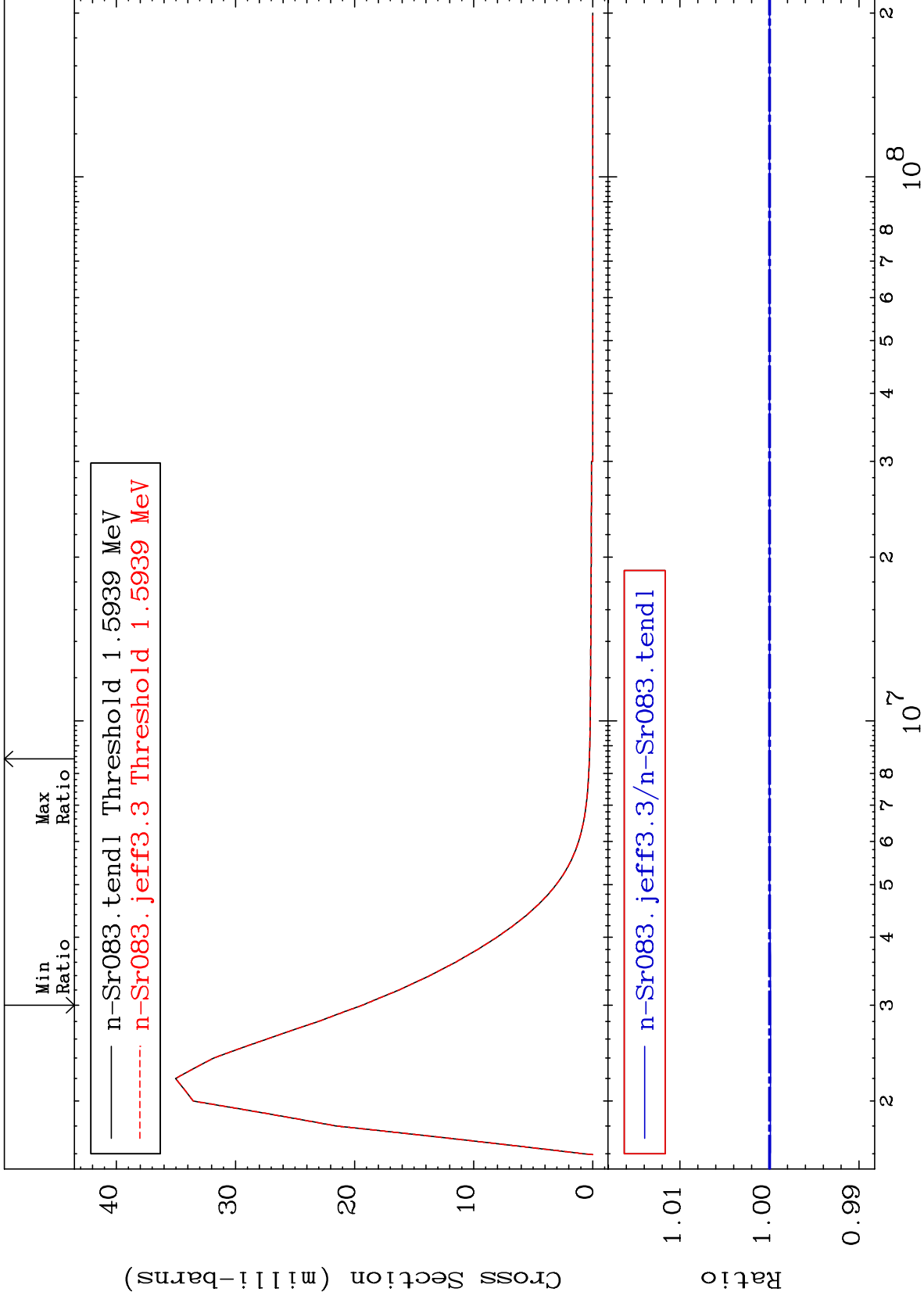


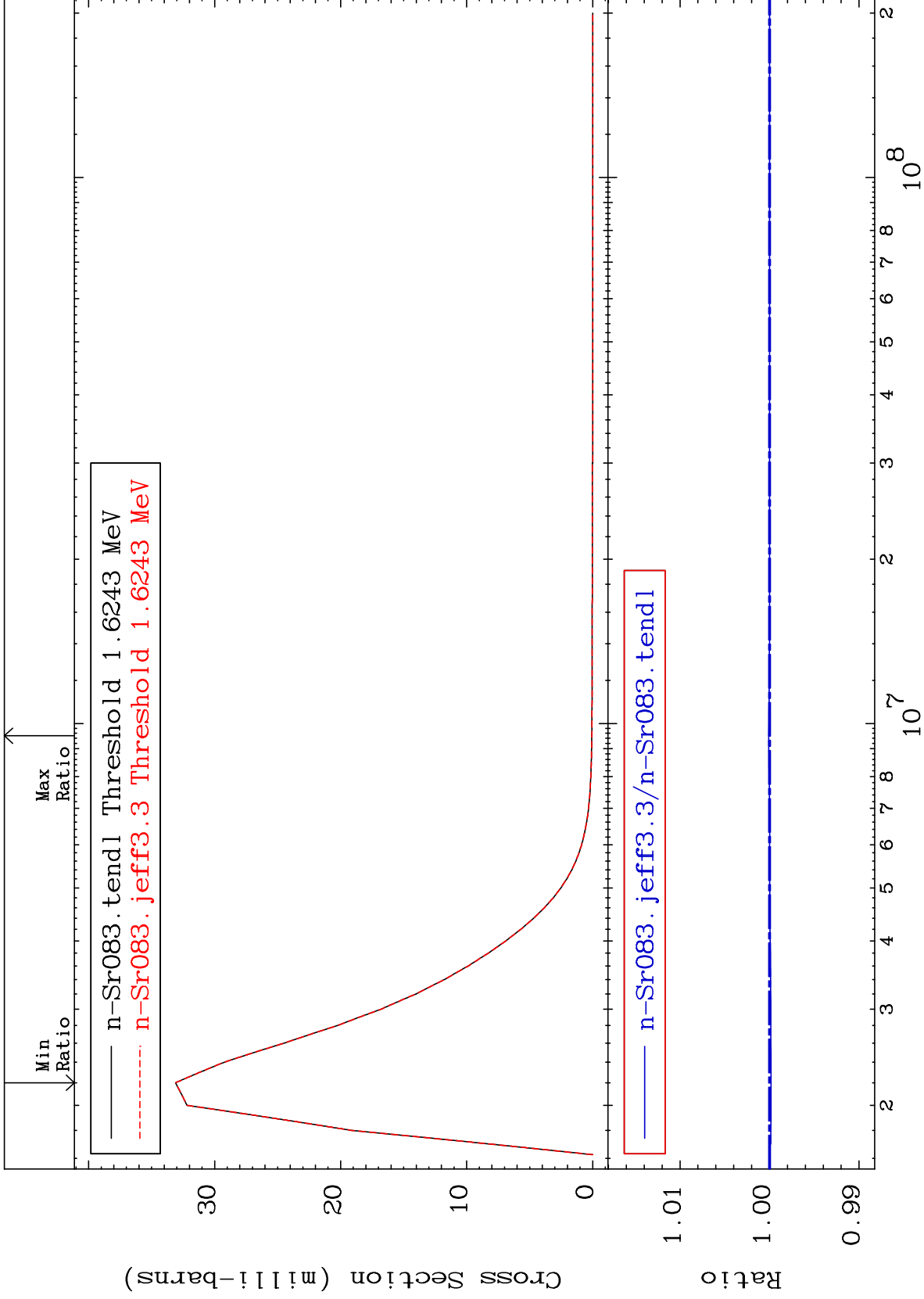
MAT 3822

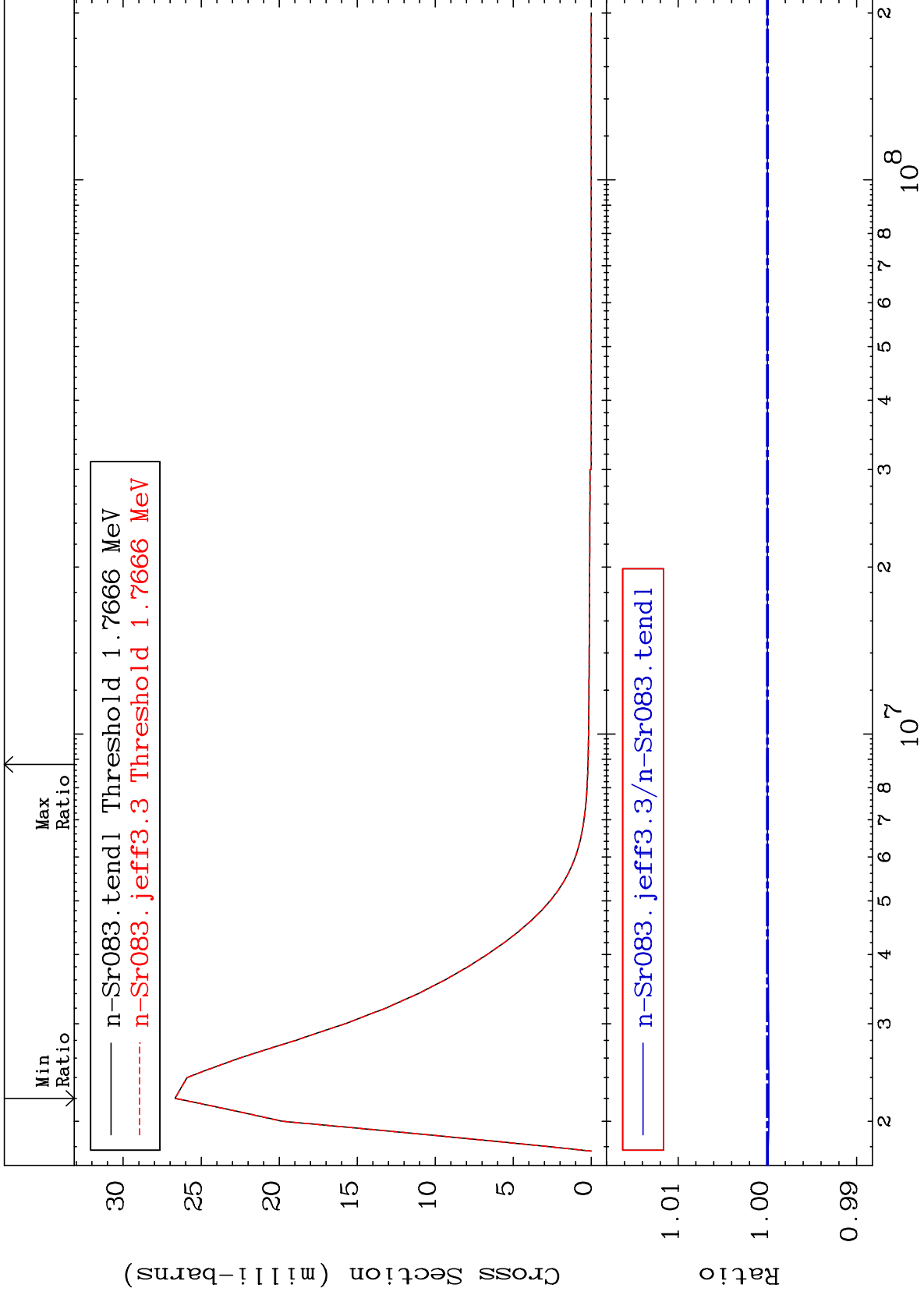
MT= 74 (n,n') Level
Cross Section

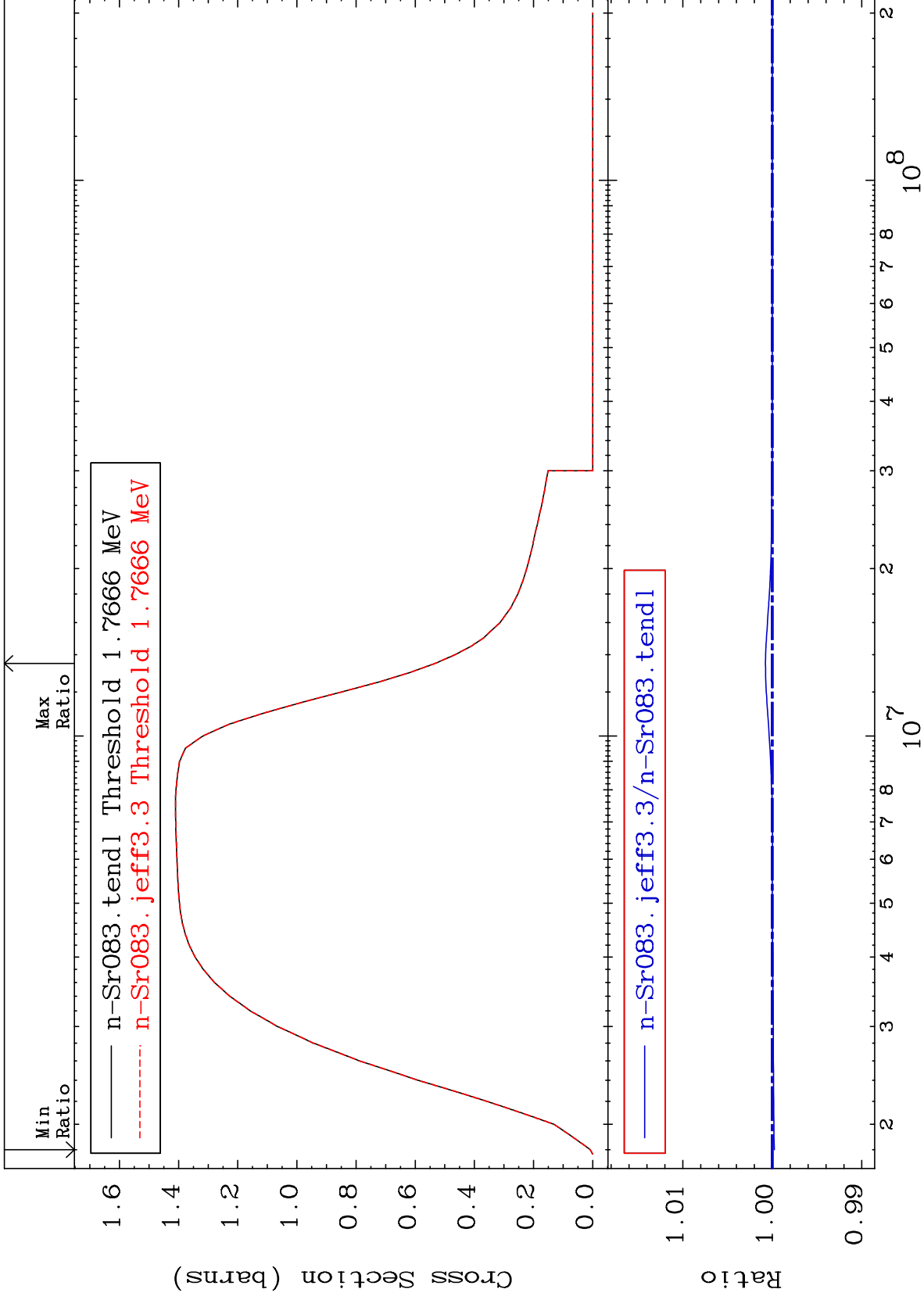
38-Sr-83
-0.011 To 0.000 %

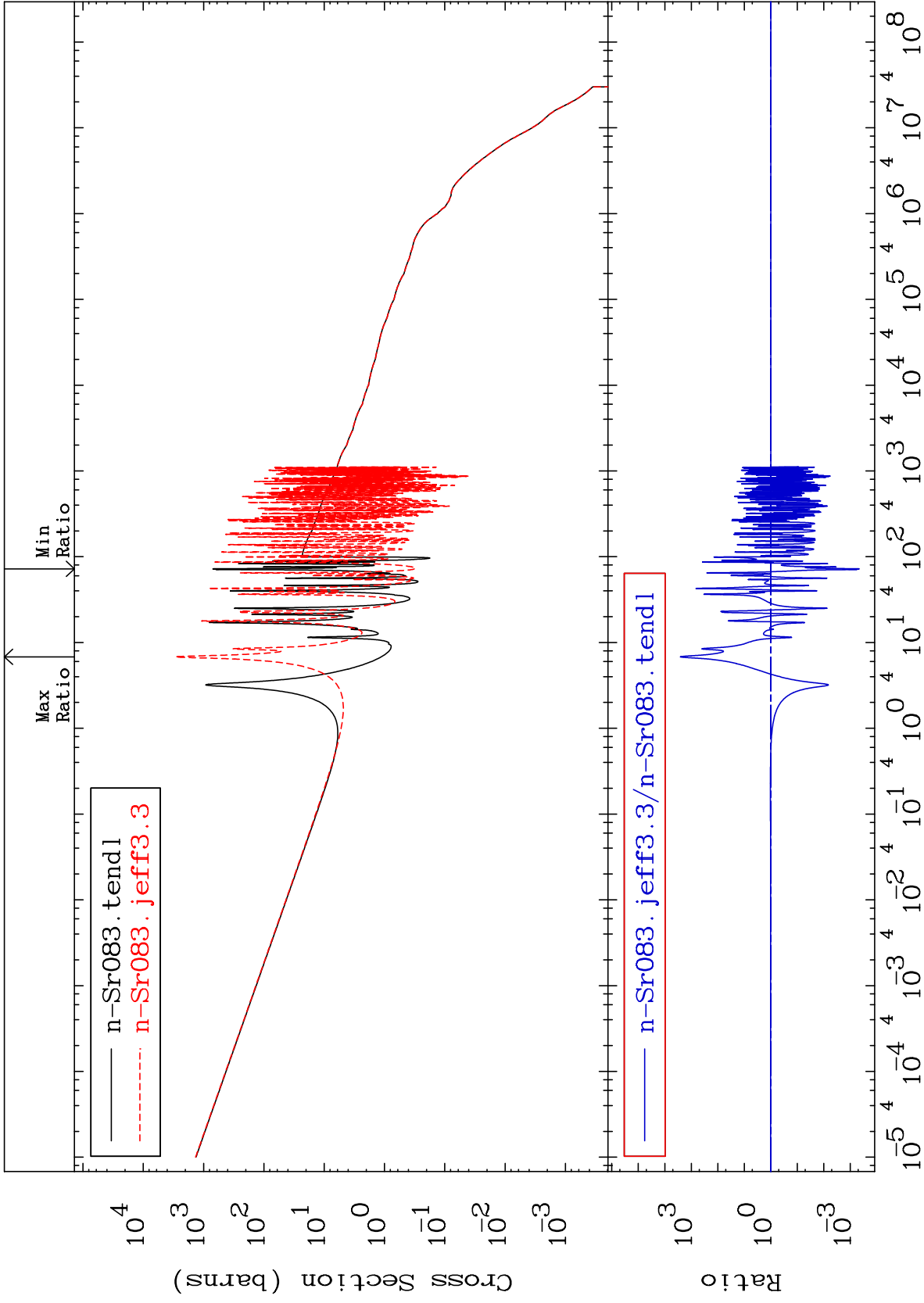










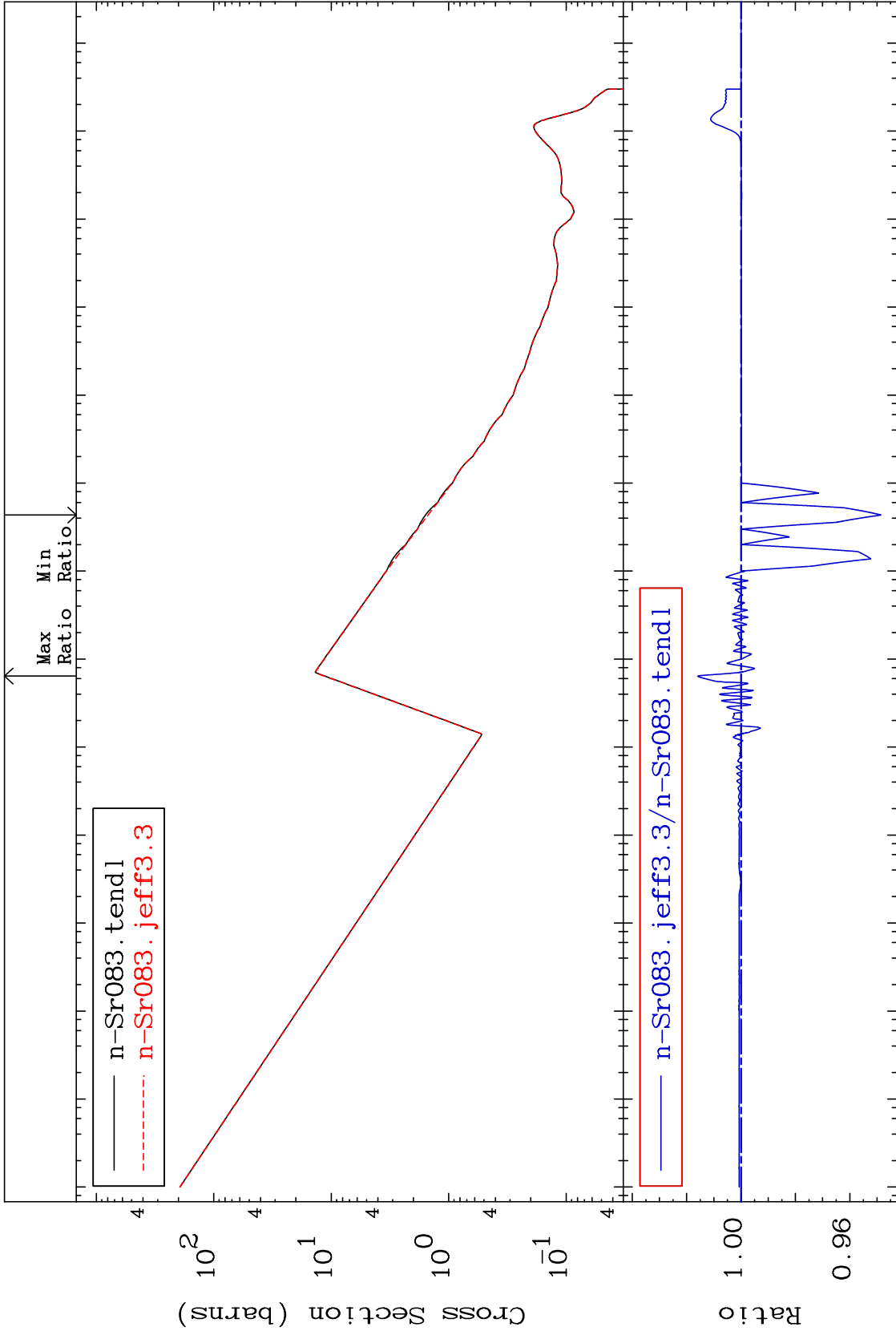


MAT 3822

38-Sr-83

-5.152 To 1.601 %

(n,p)
Cross Section



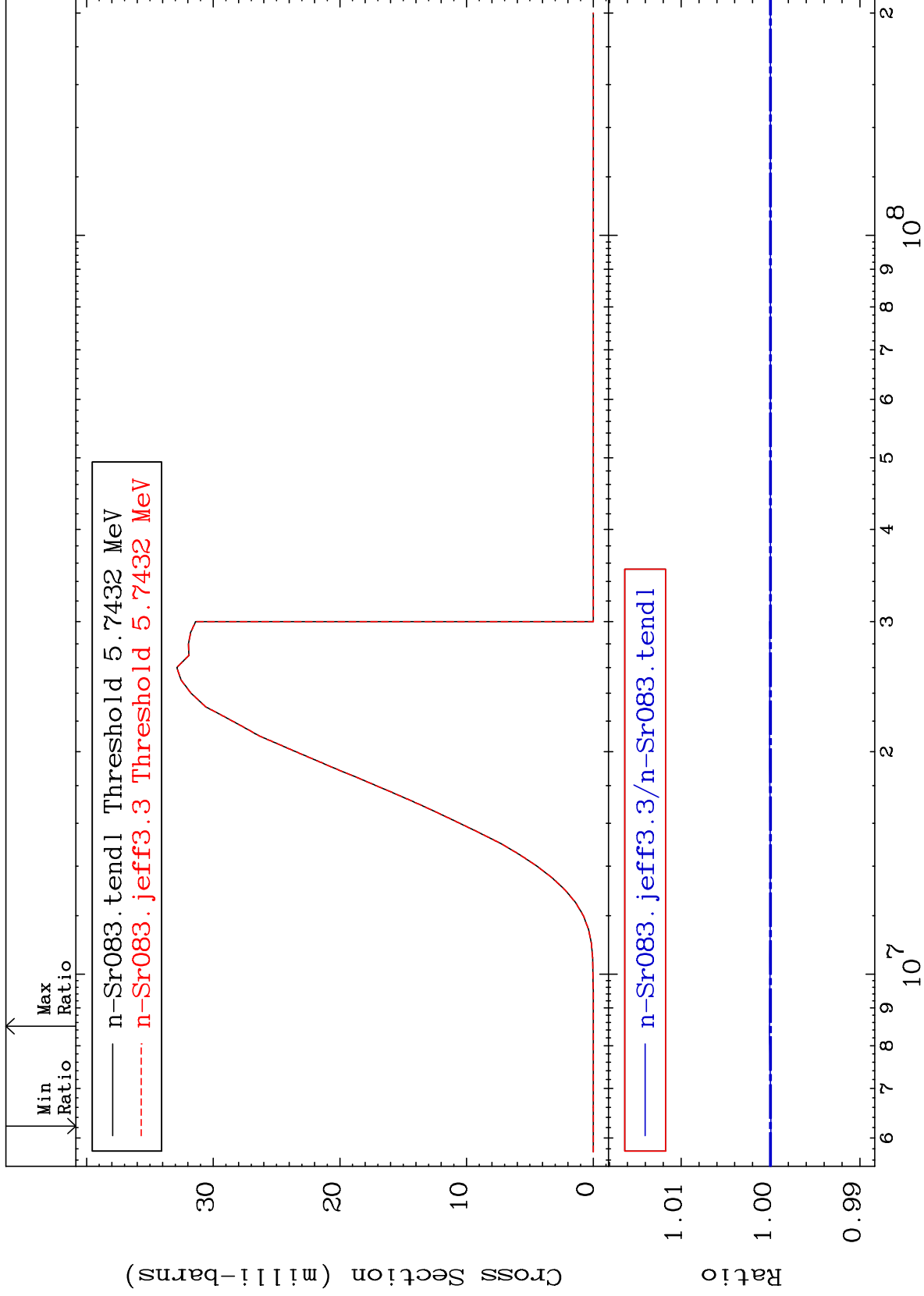
Incident Energy (eV)

38-Sr-83

40

Cross Section

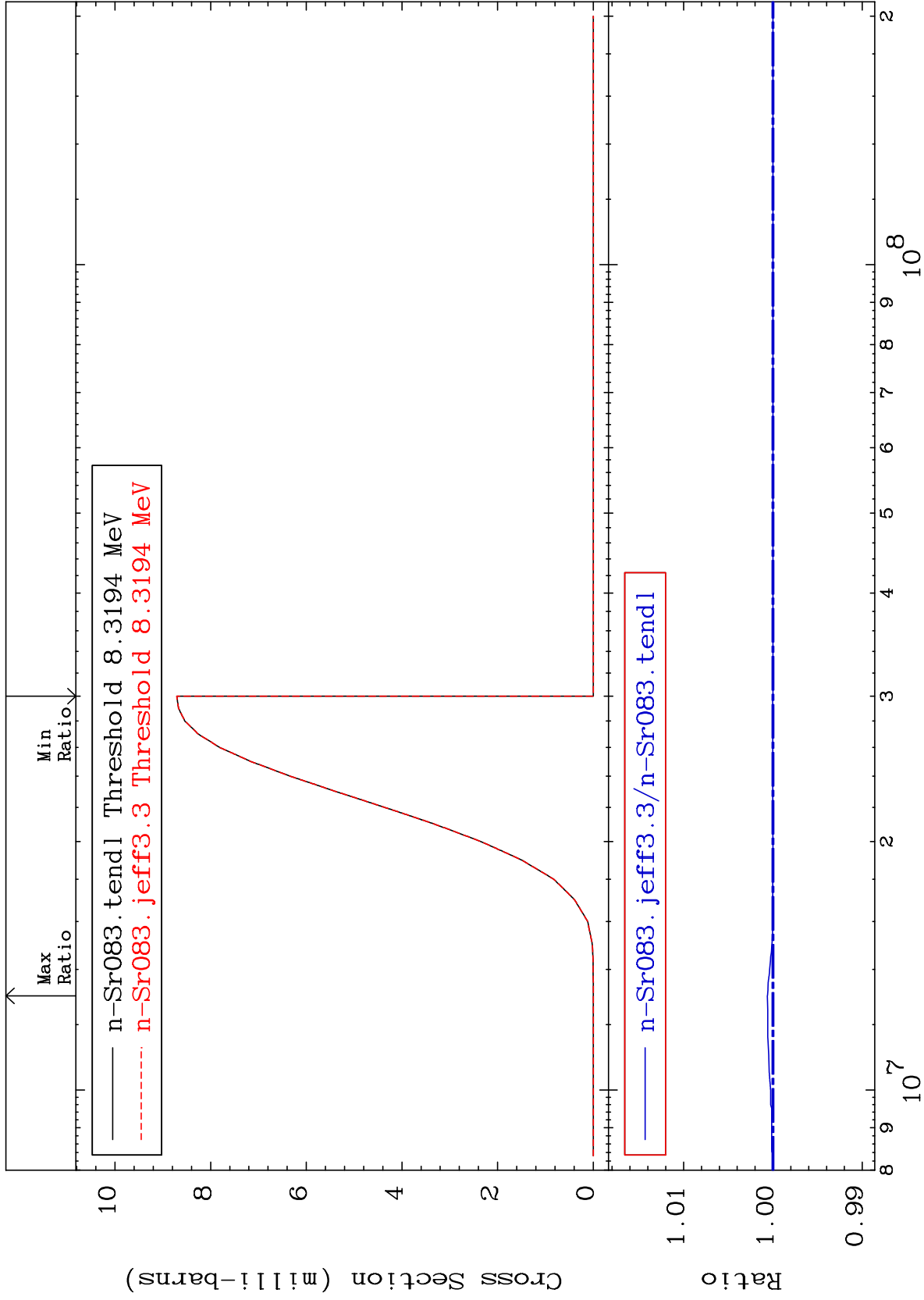
-0.004 To 0.012 %



MAT 3822

38-Sr-83

(n, t)
Cross Section
0.000 To 0.063 %



38-Sr-83

Incident Energy (eV)

42

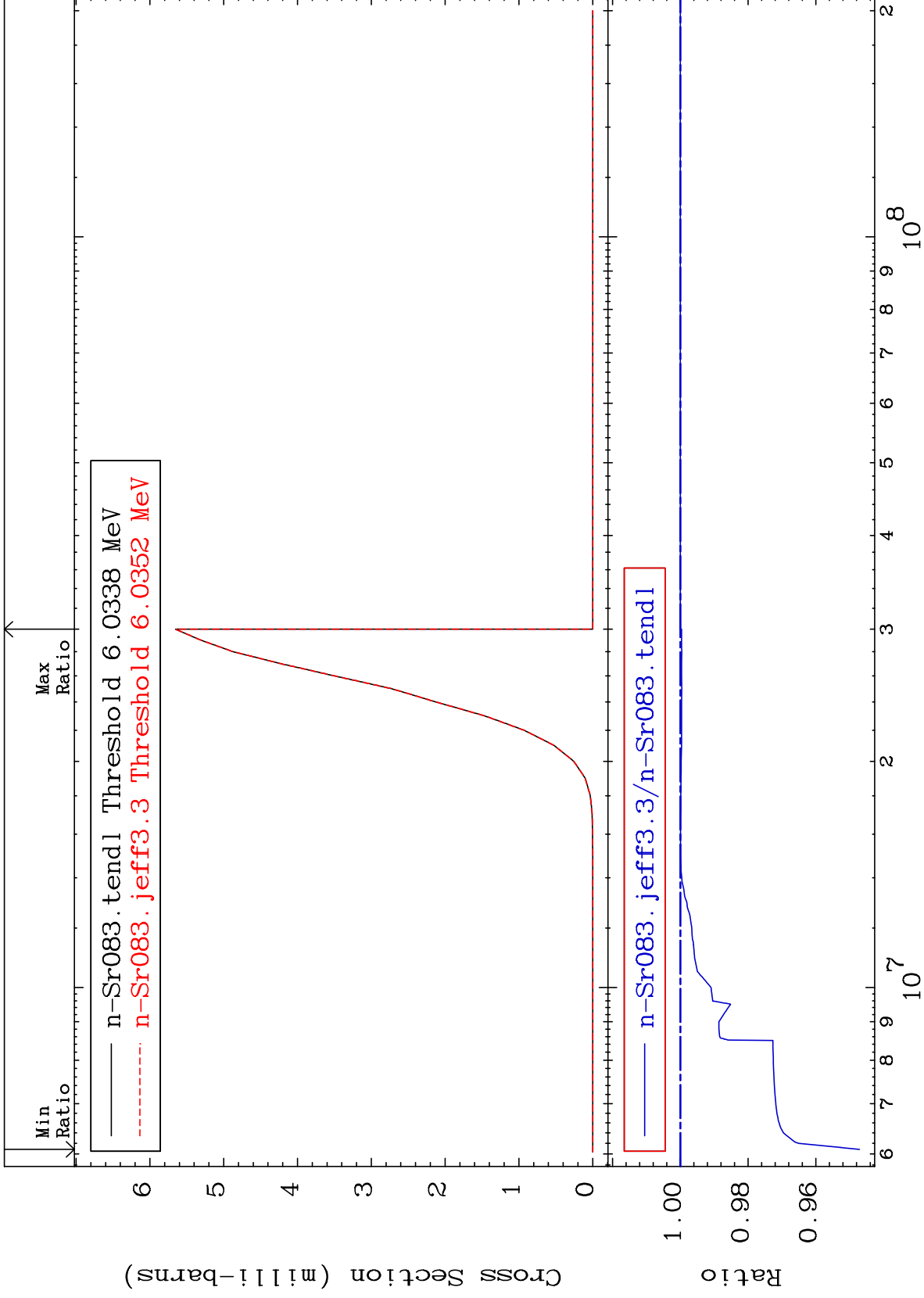
MAT 3822

(n, He-3)

38-Sr-83

Cross Section

-5.283 To 0.000 %



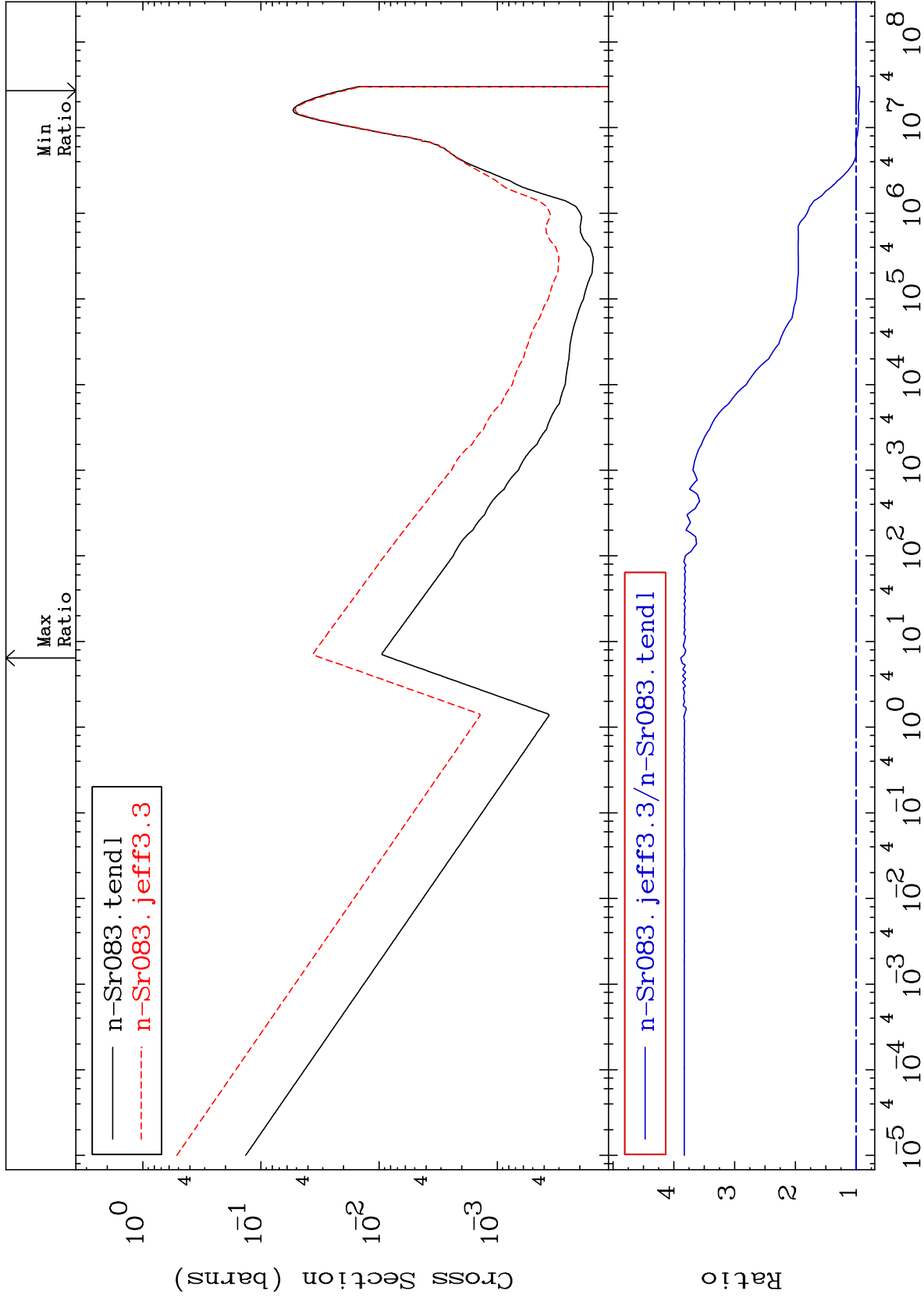
MAT 3822

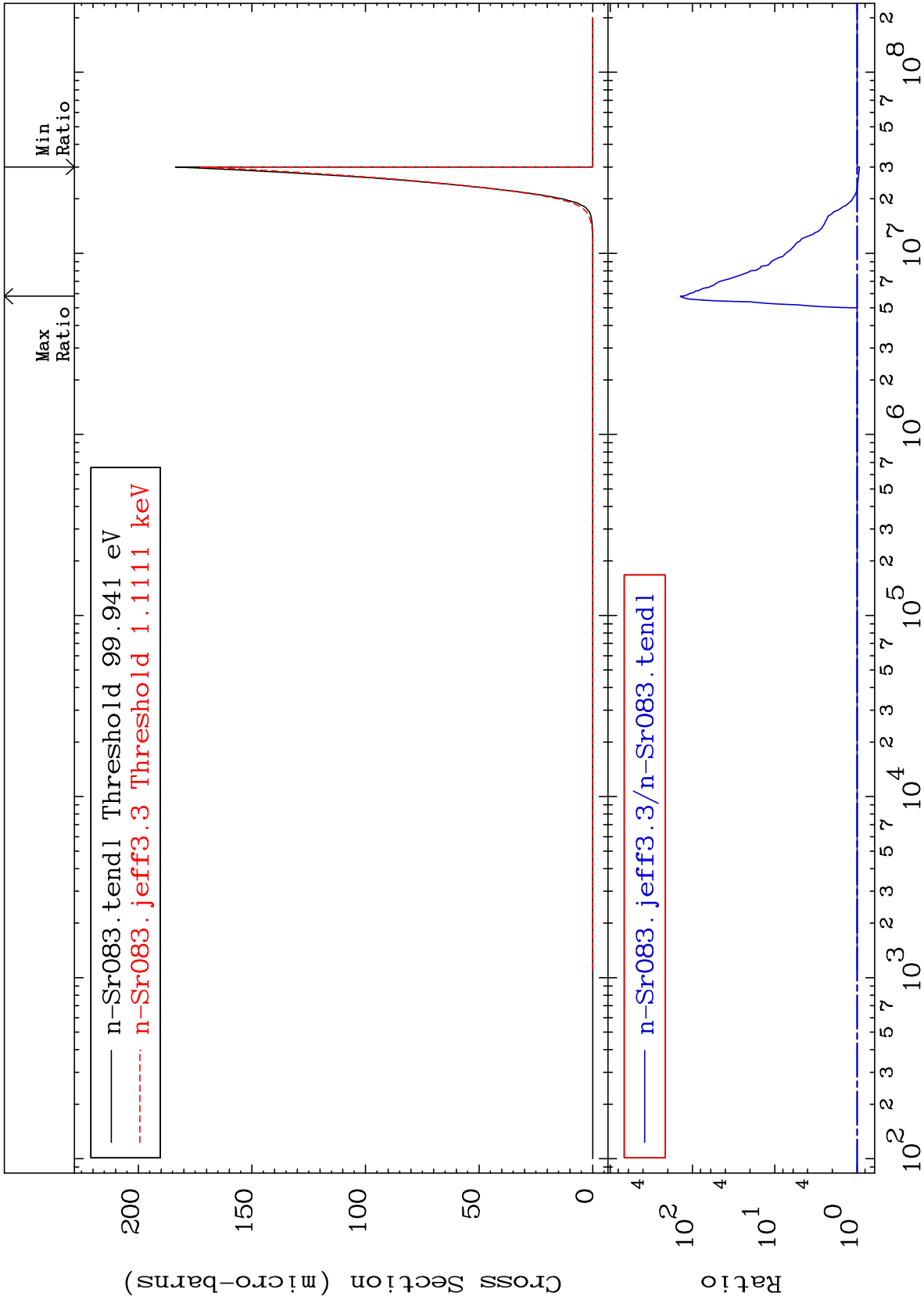
(n, α)

38-Sr-83

Cross Section

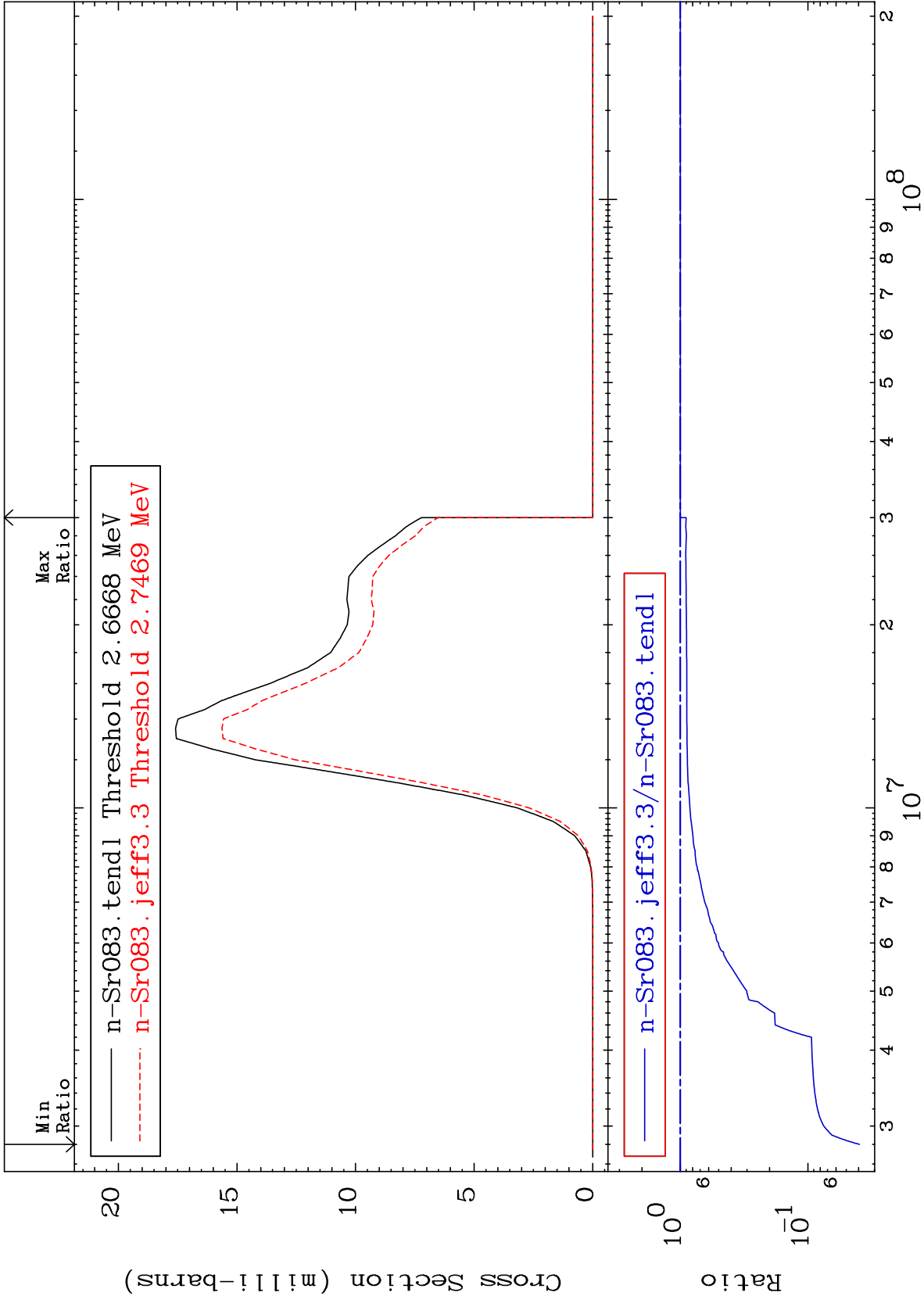
-5.621 To 288.7 %

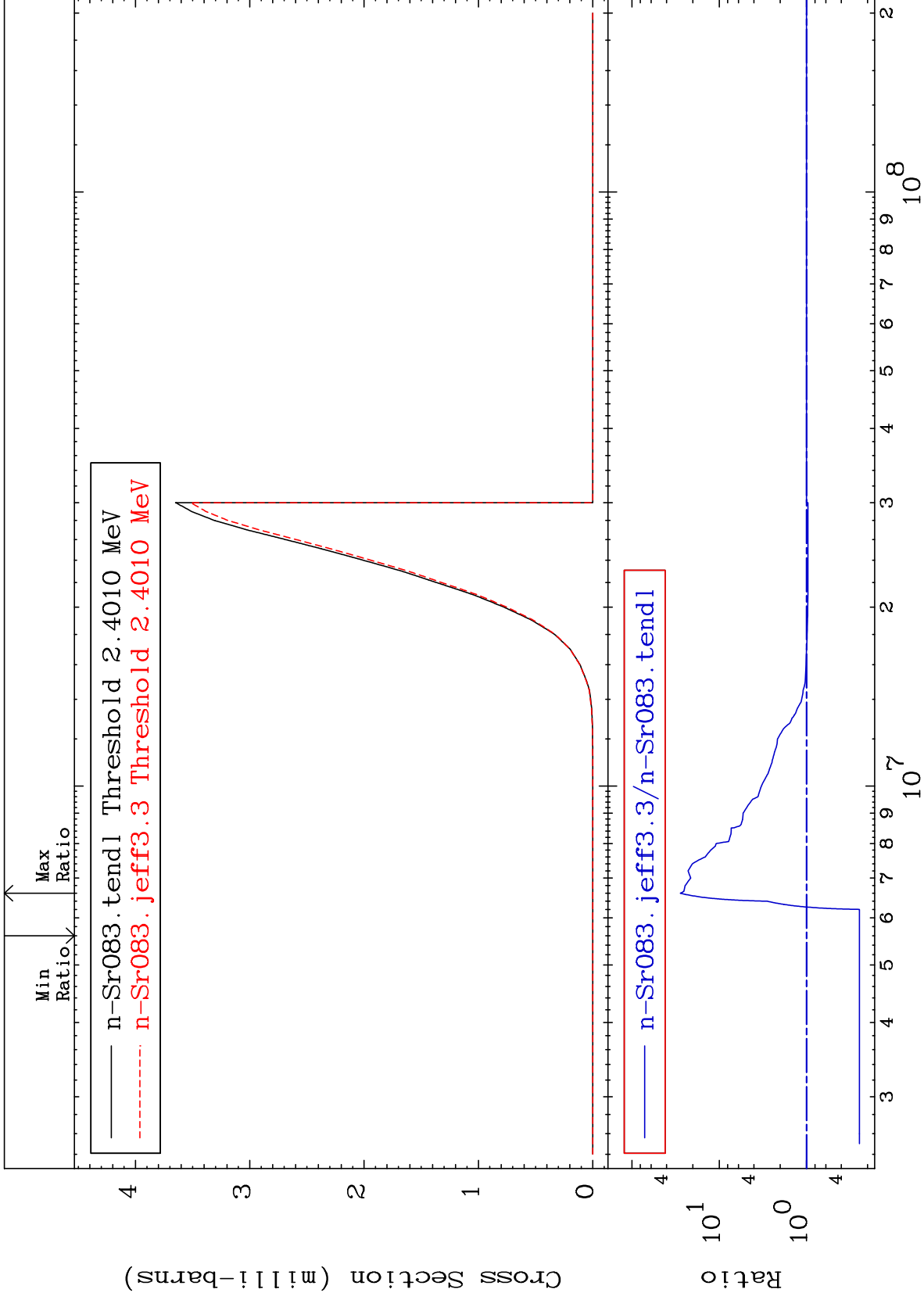


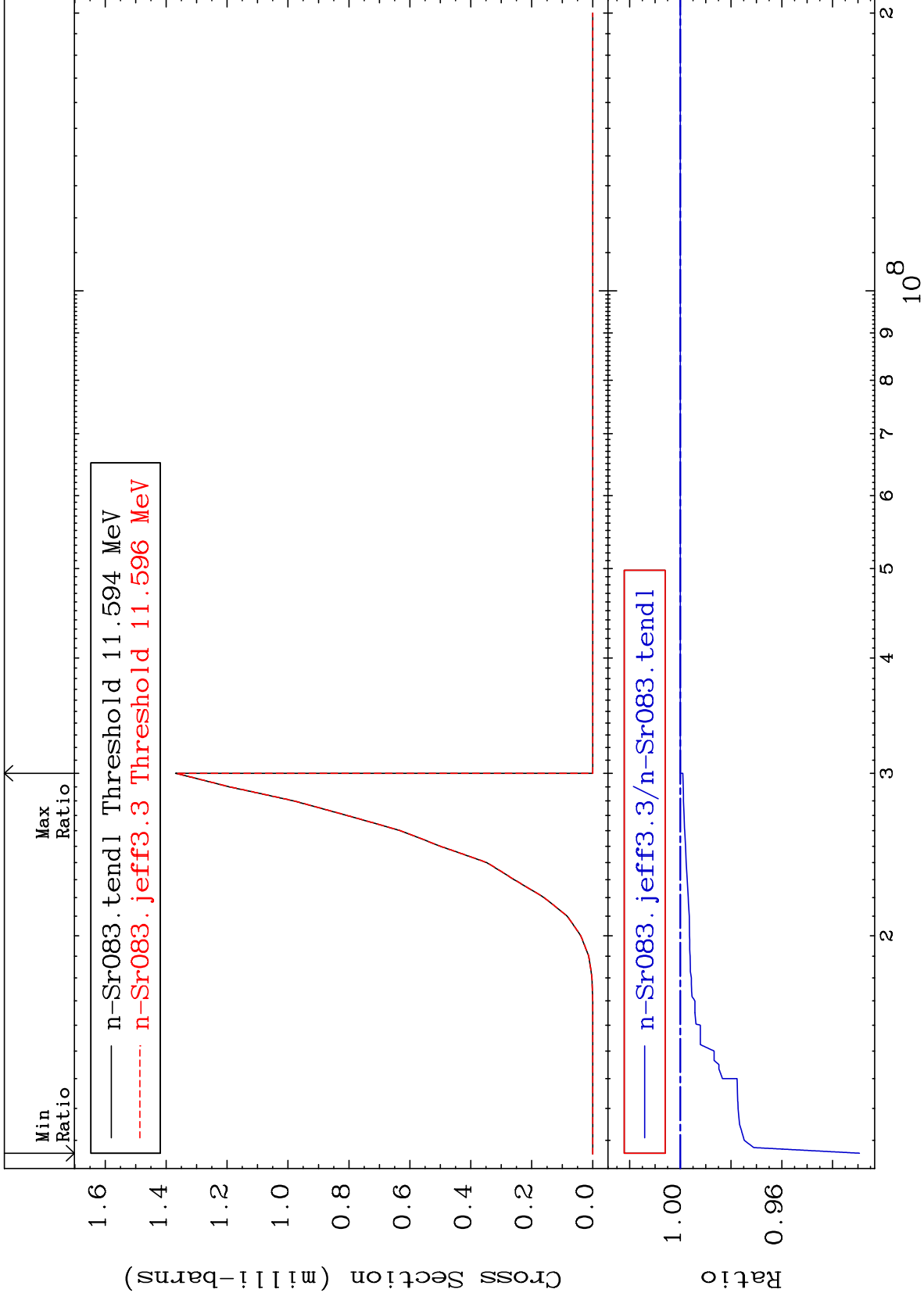


Cross Section

-96.06 To 0.000 %

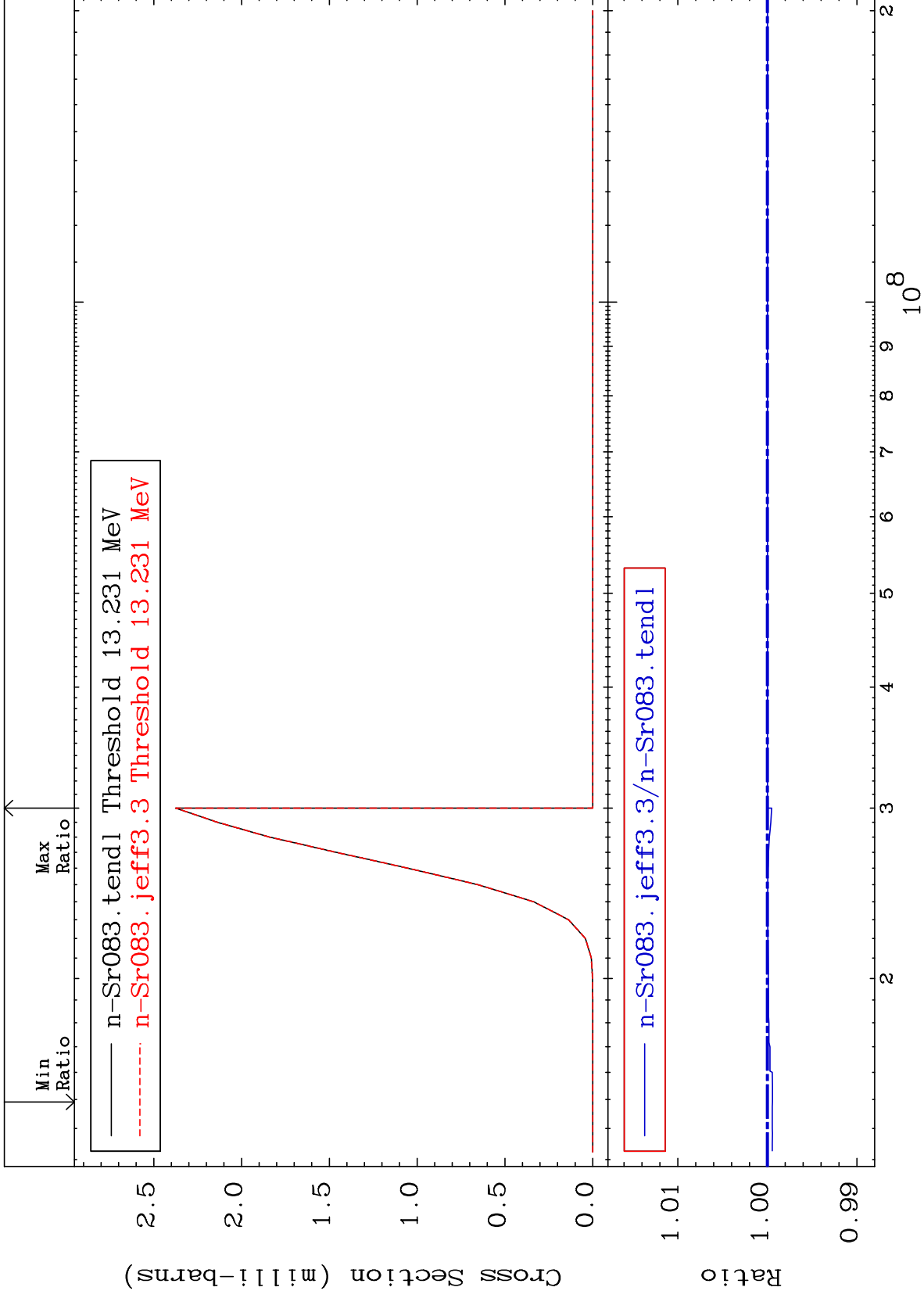


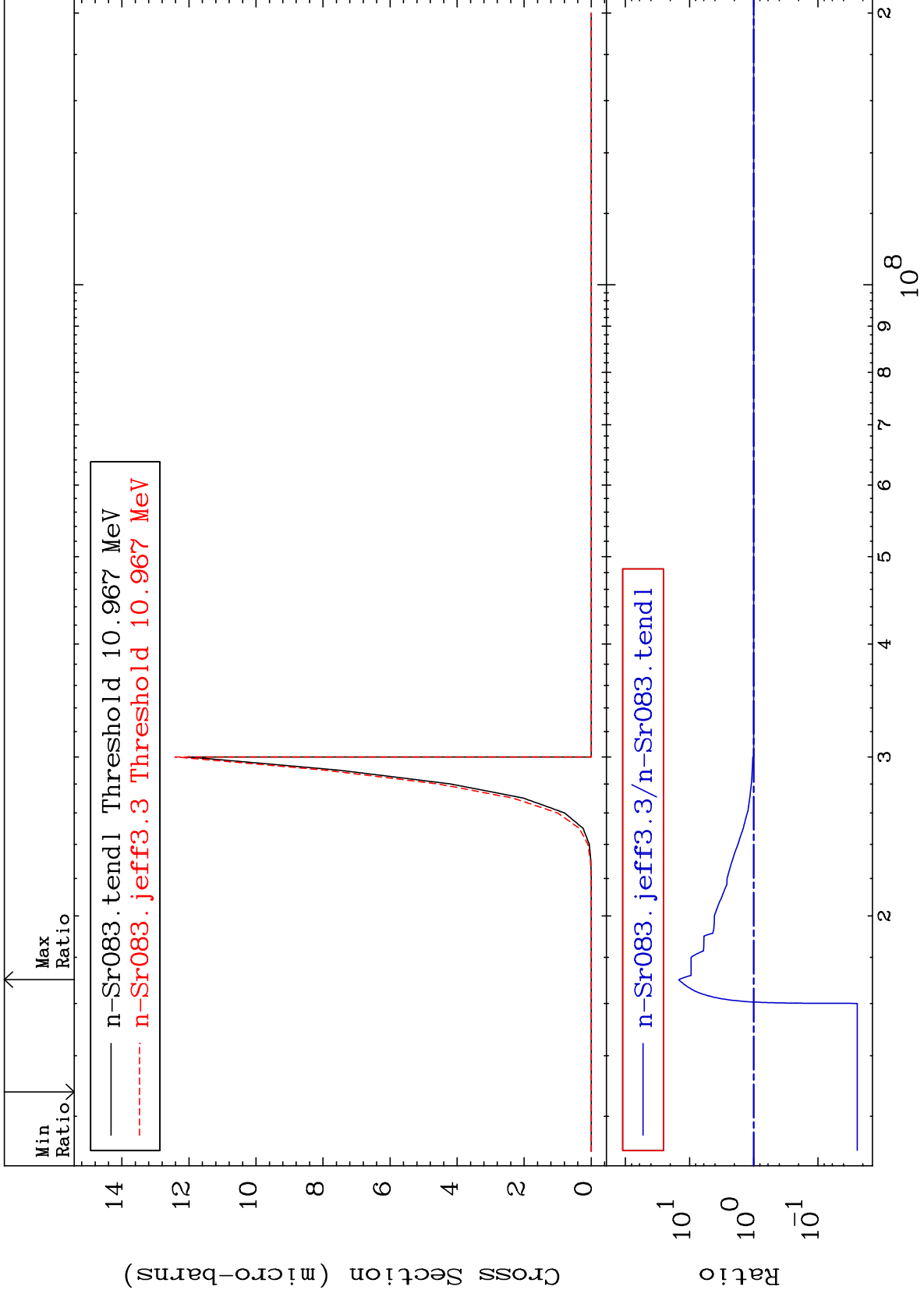


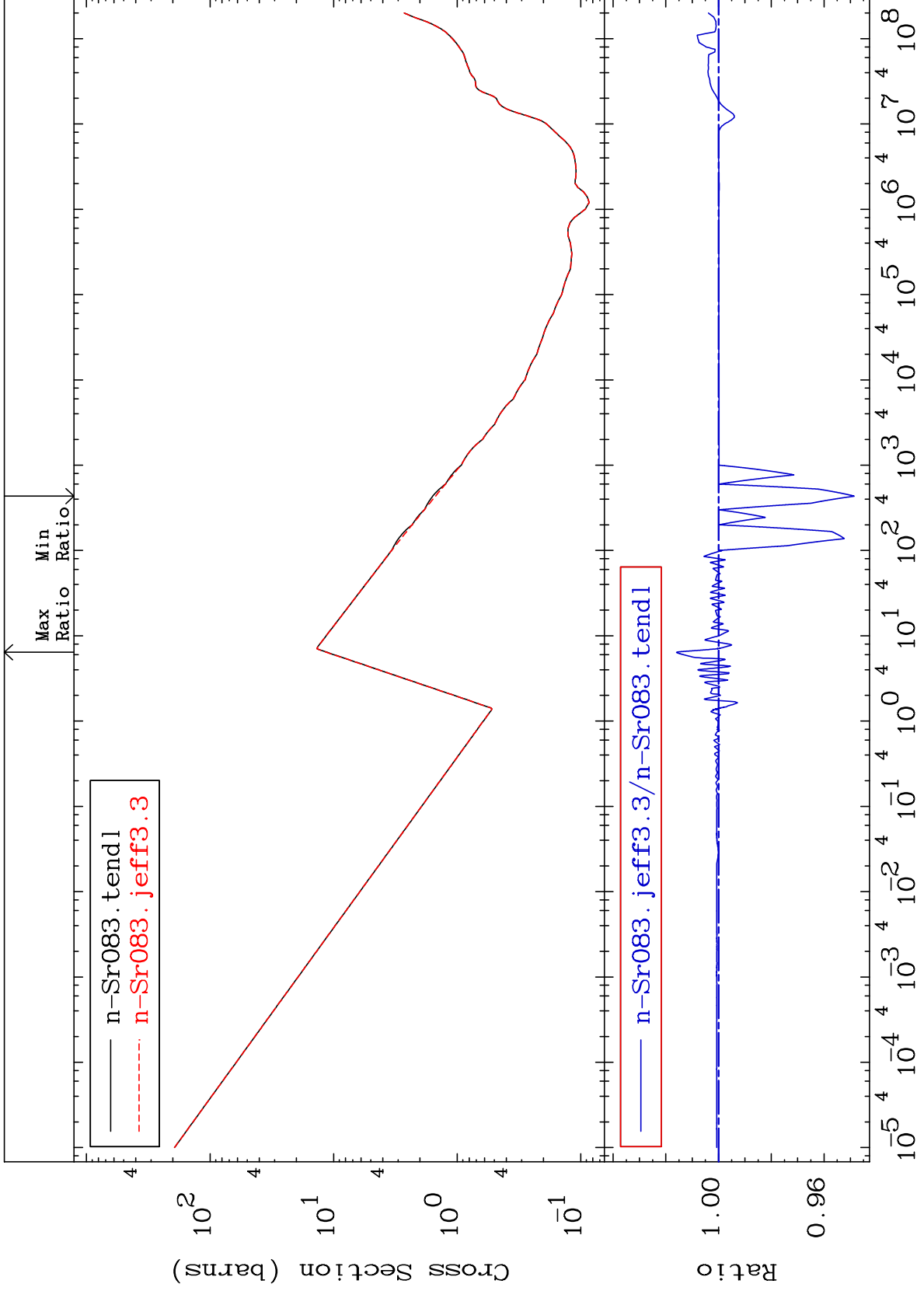


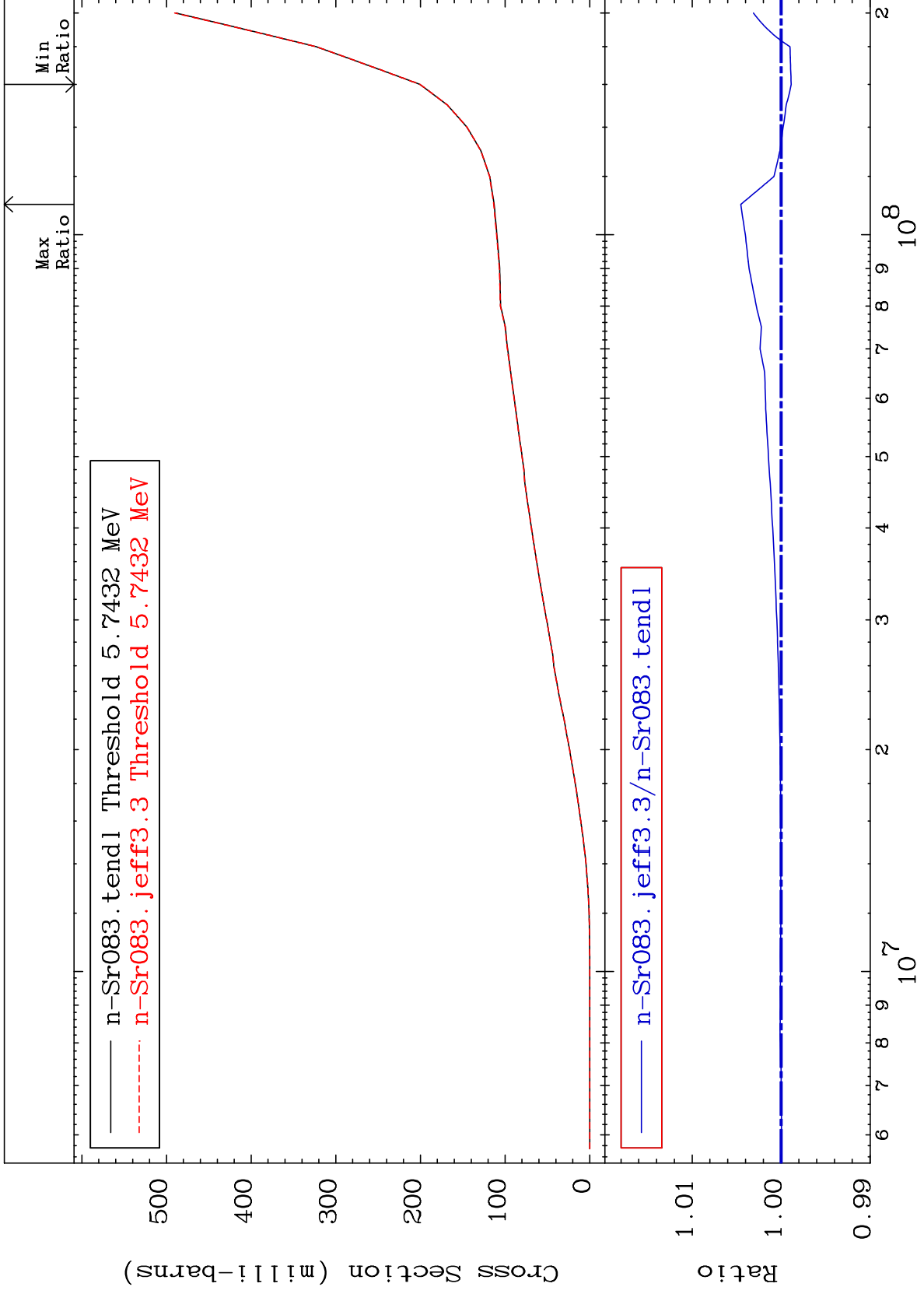
Cross Section

-0.056 To 0.000 %





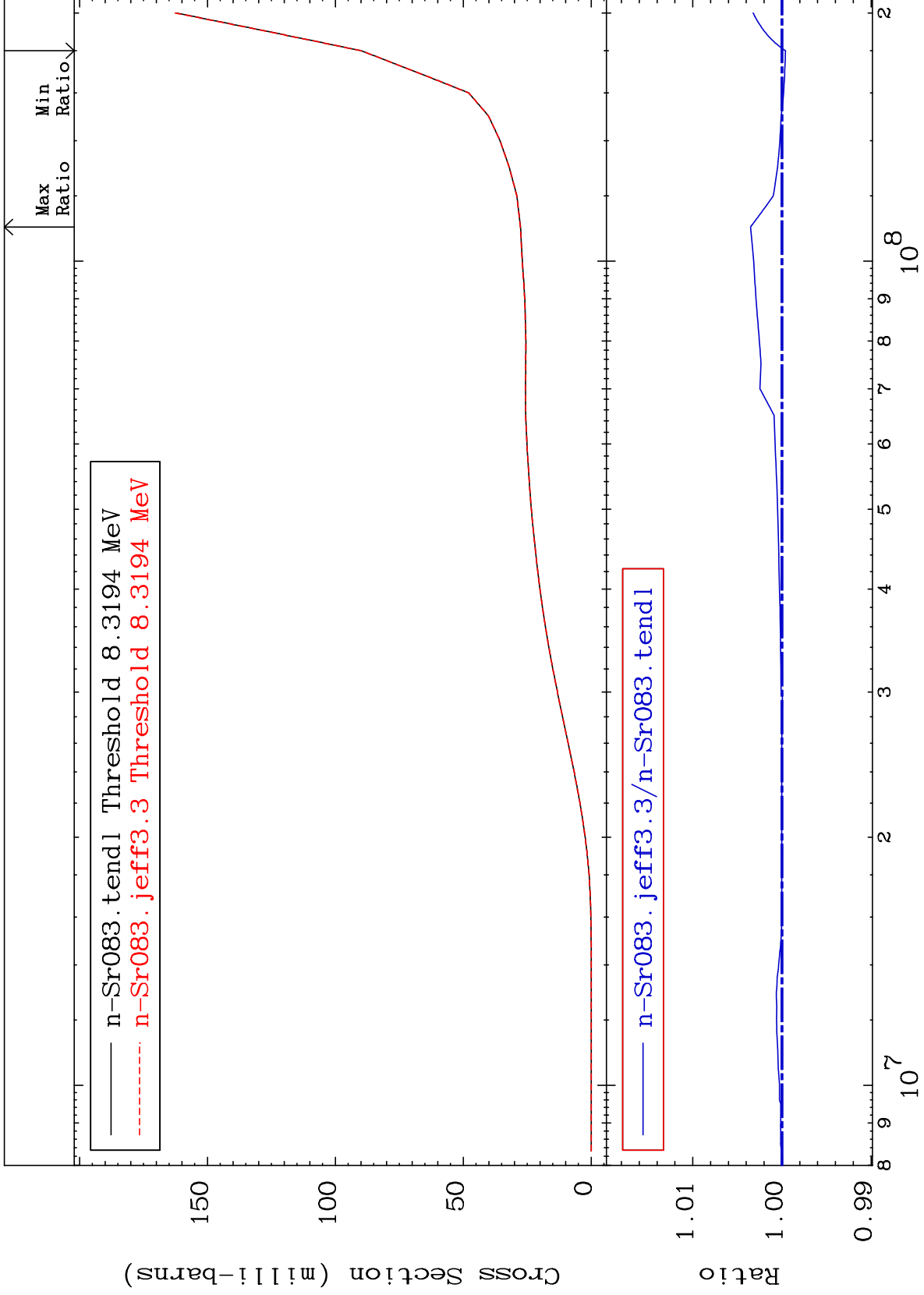




MAT 3822

Tritium Production
Cross Section

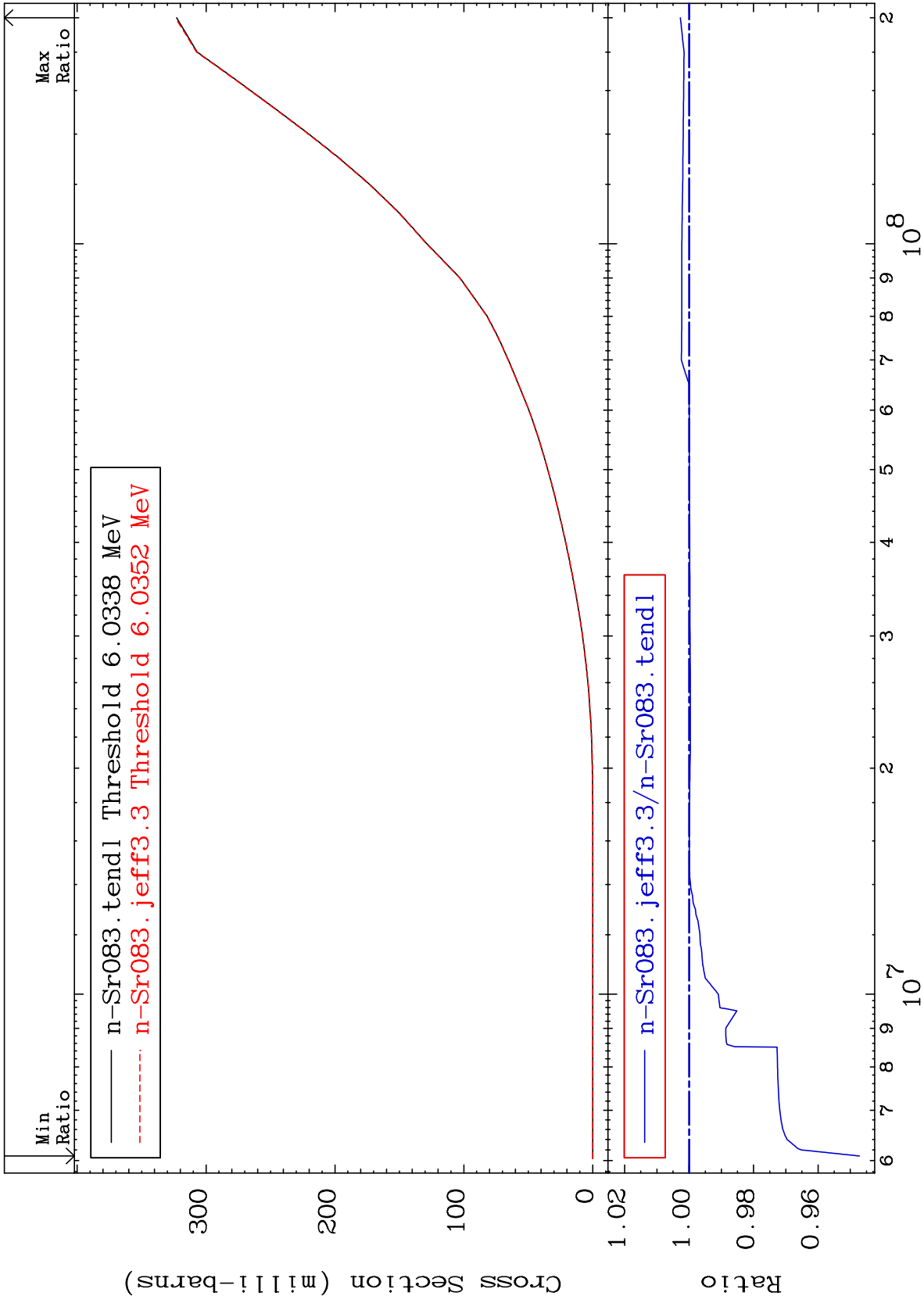
38-Sr-83
-0.039 To 0.353 %



53

Incident Energy (eV)

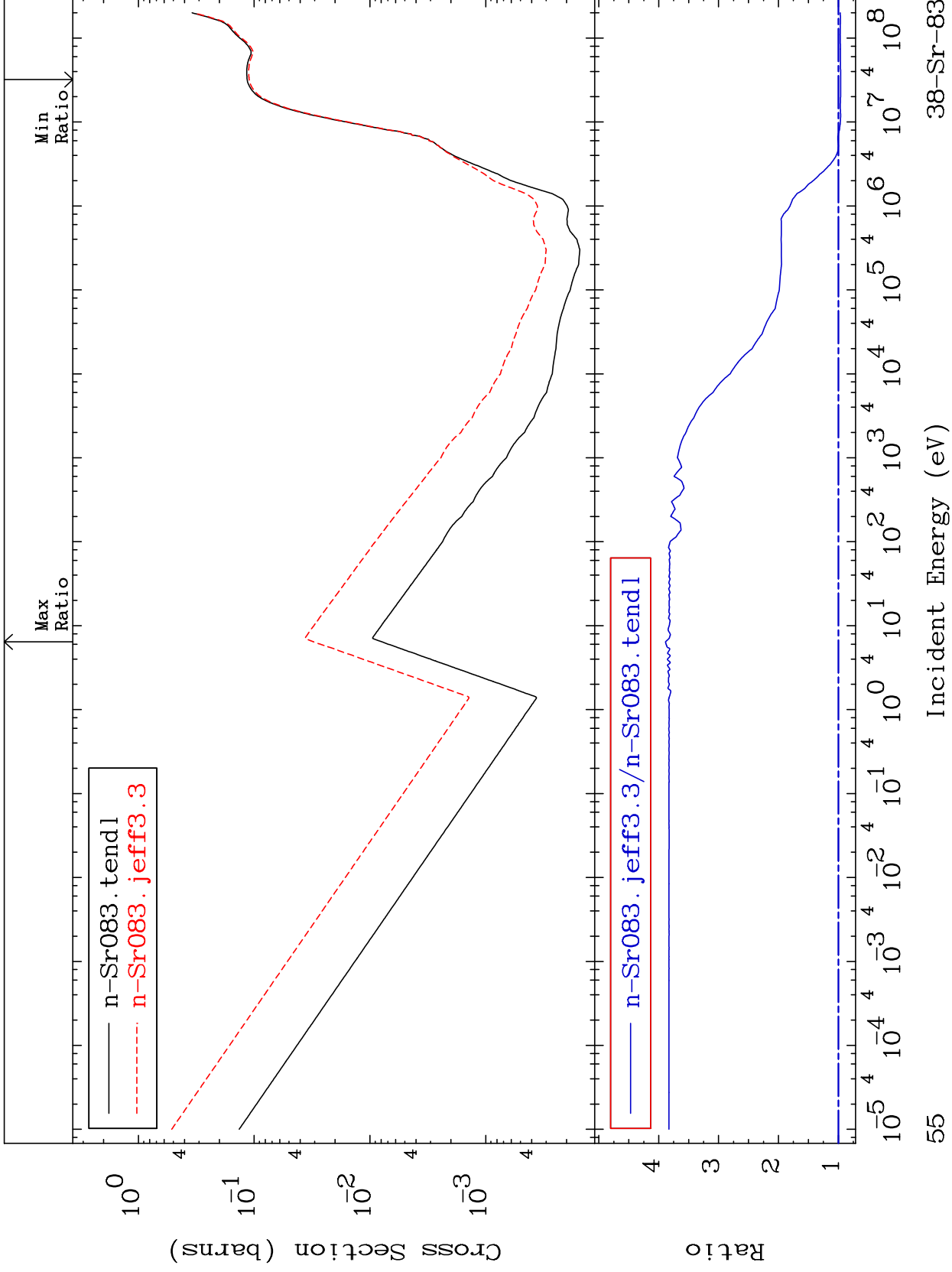
38-Sr-83

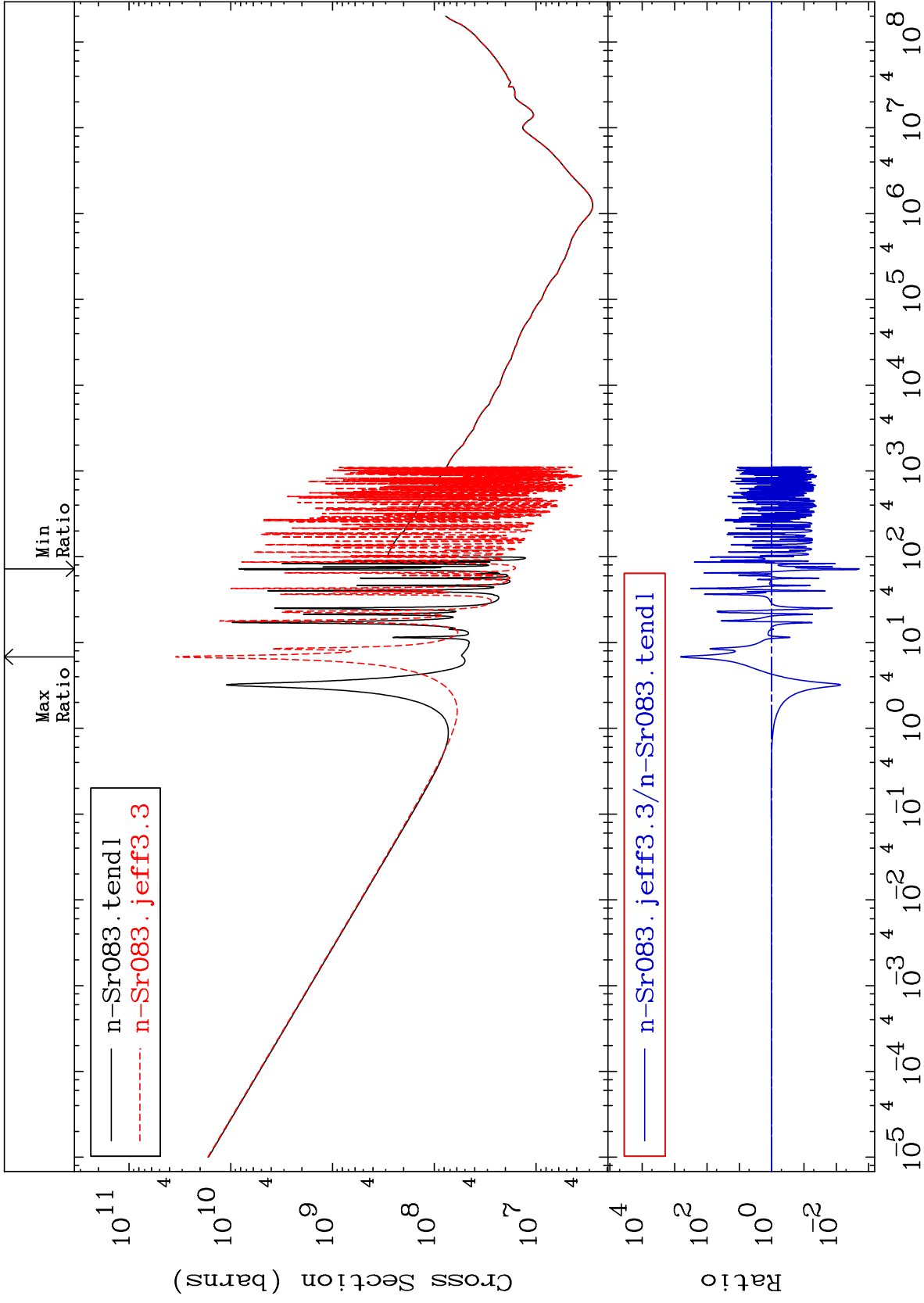


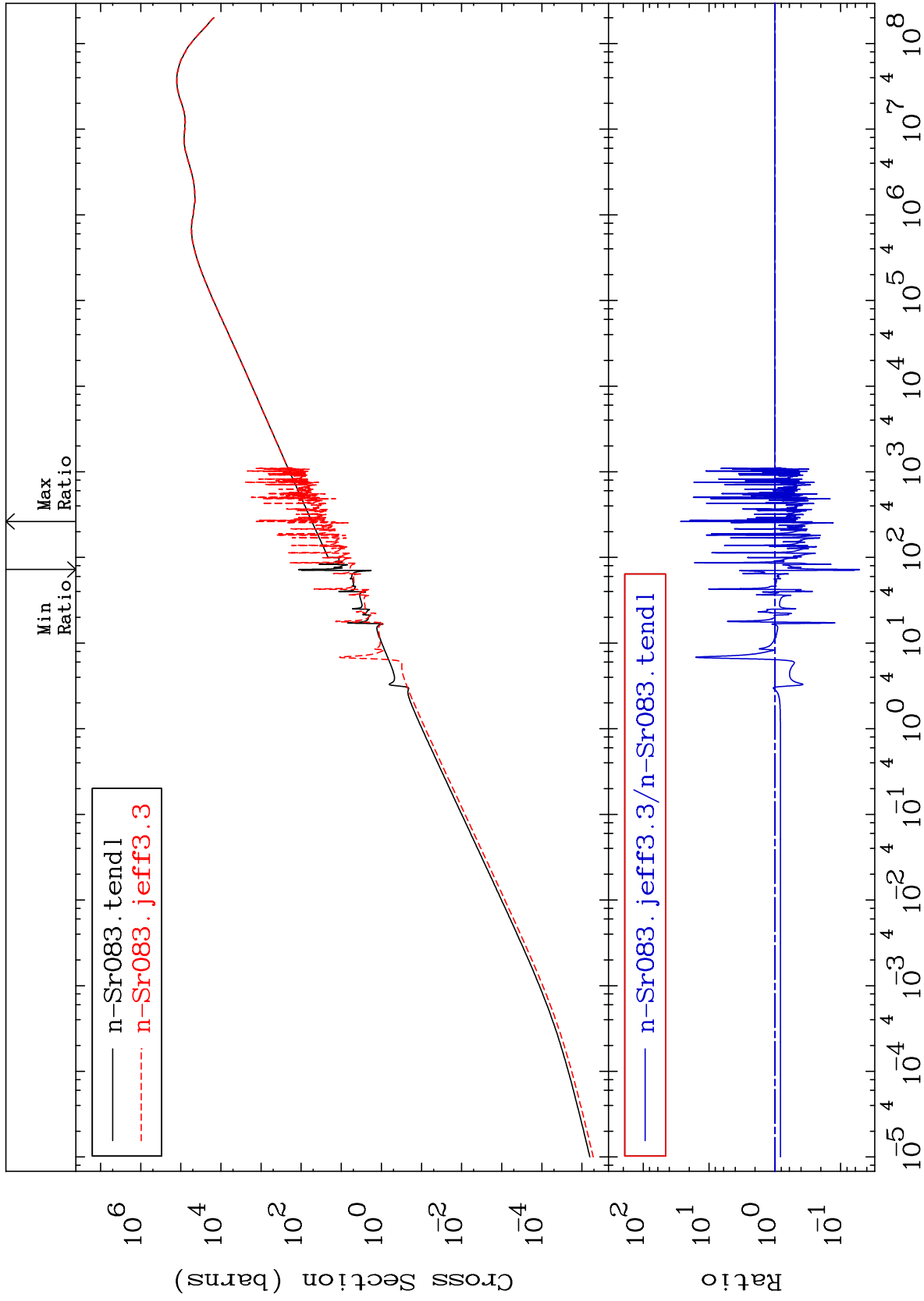
MAT 3822

He-4 Production
Cross Section

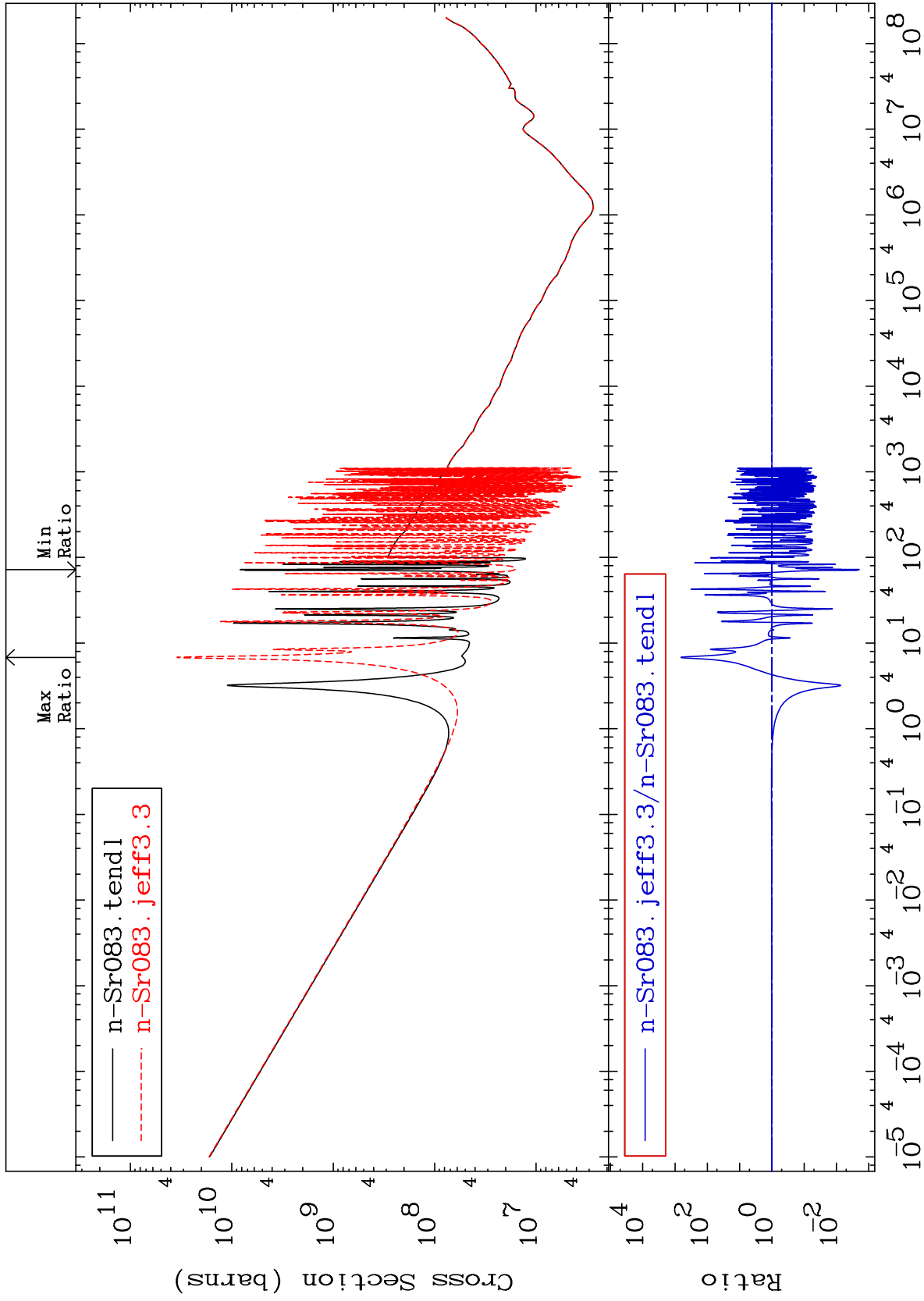
38-Sr-83
-3.892 To 288.7 %

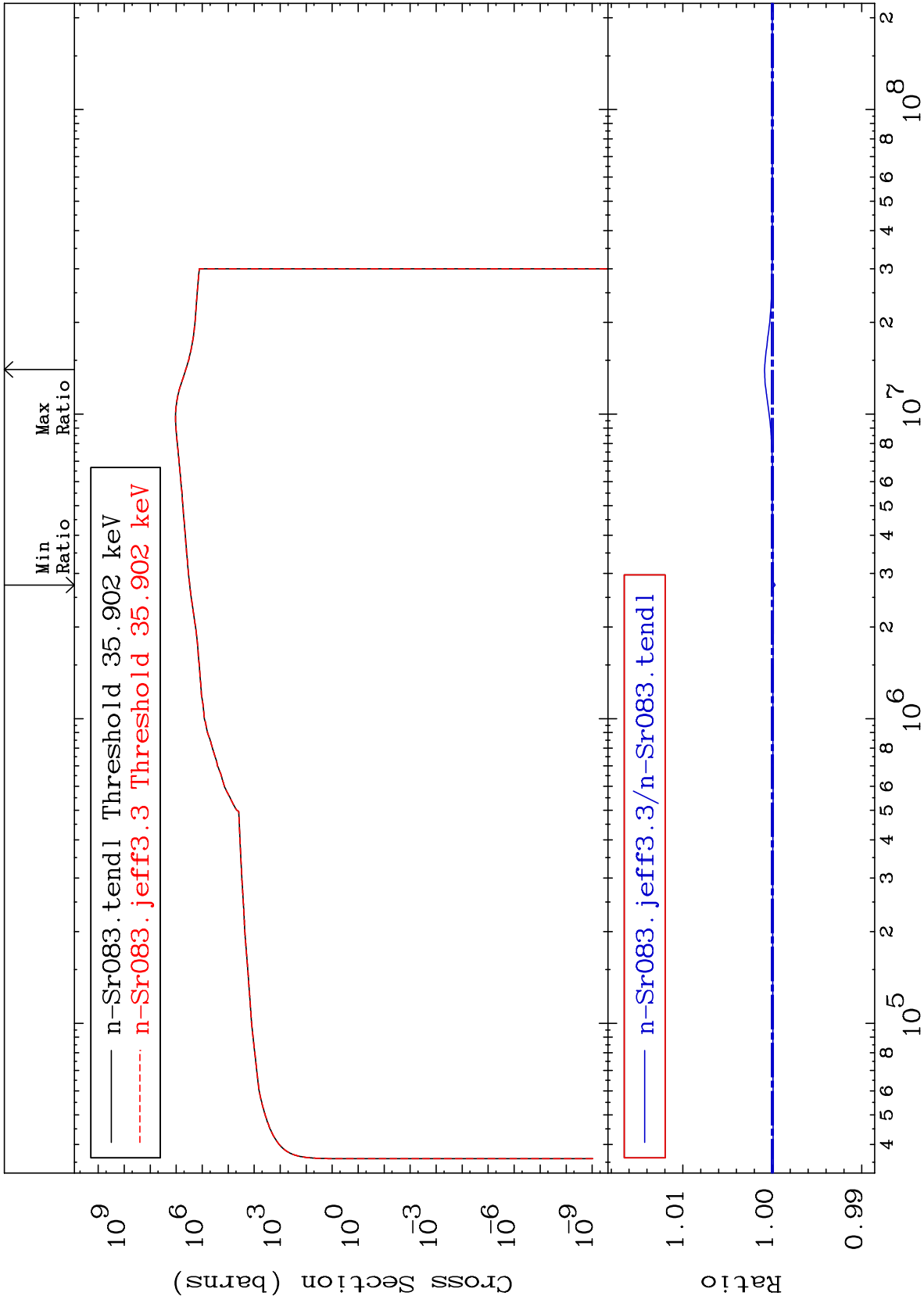






Cross Section

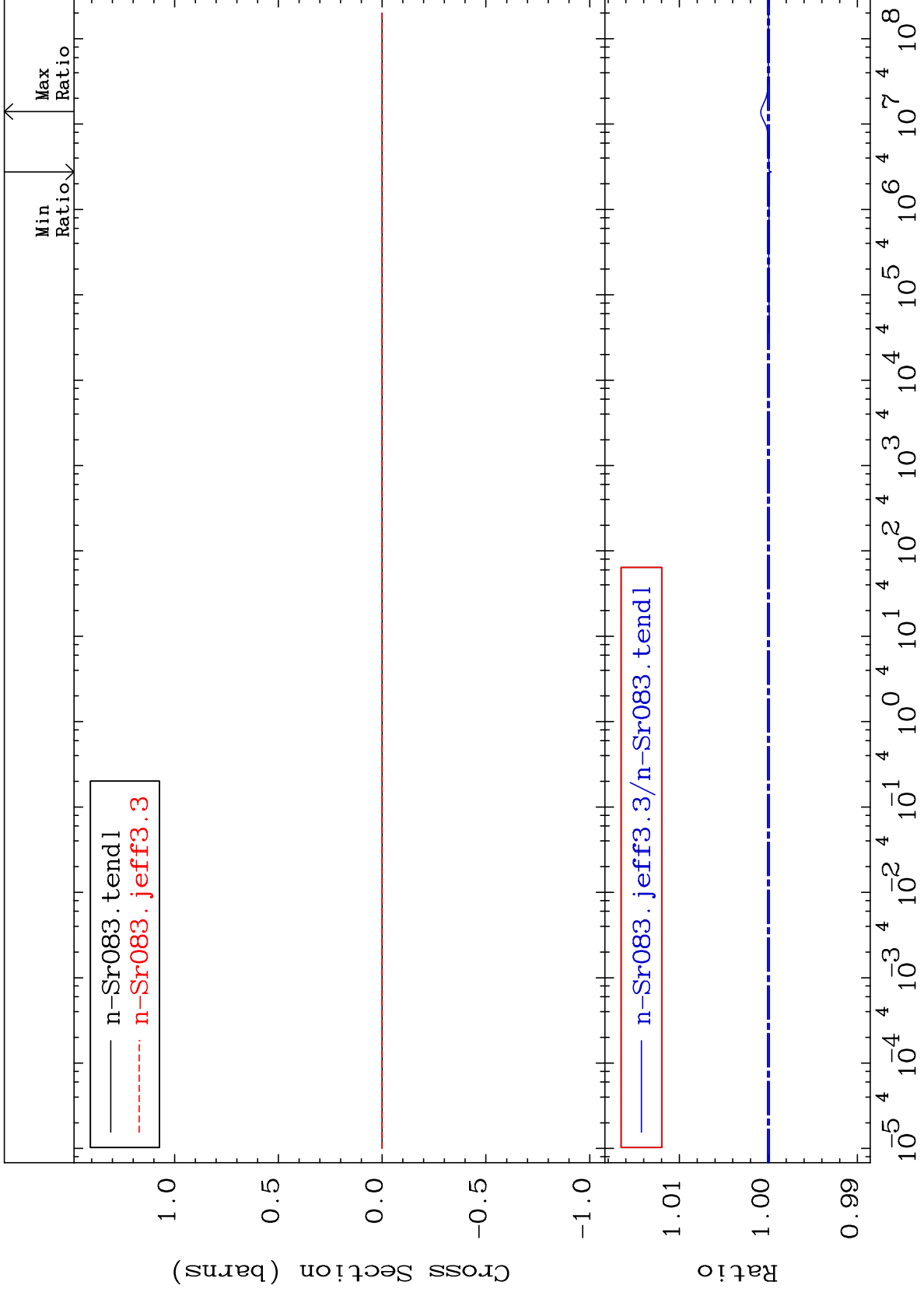




MAT 3822

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

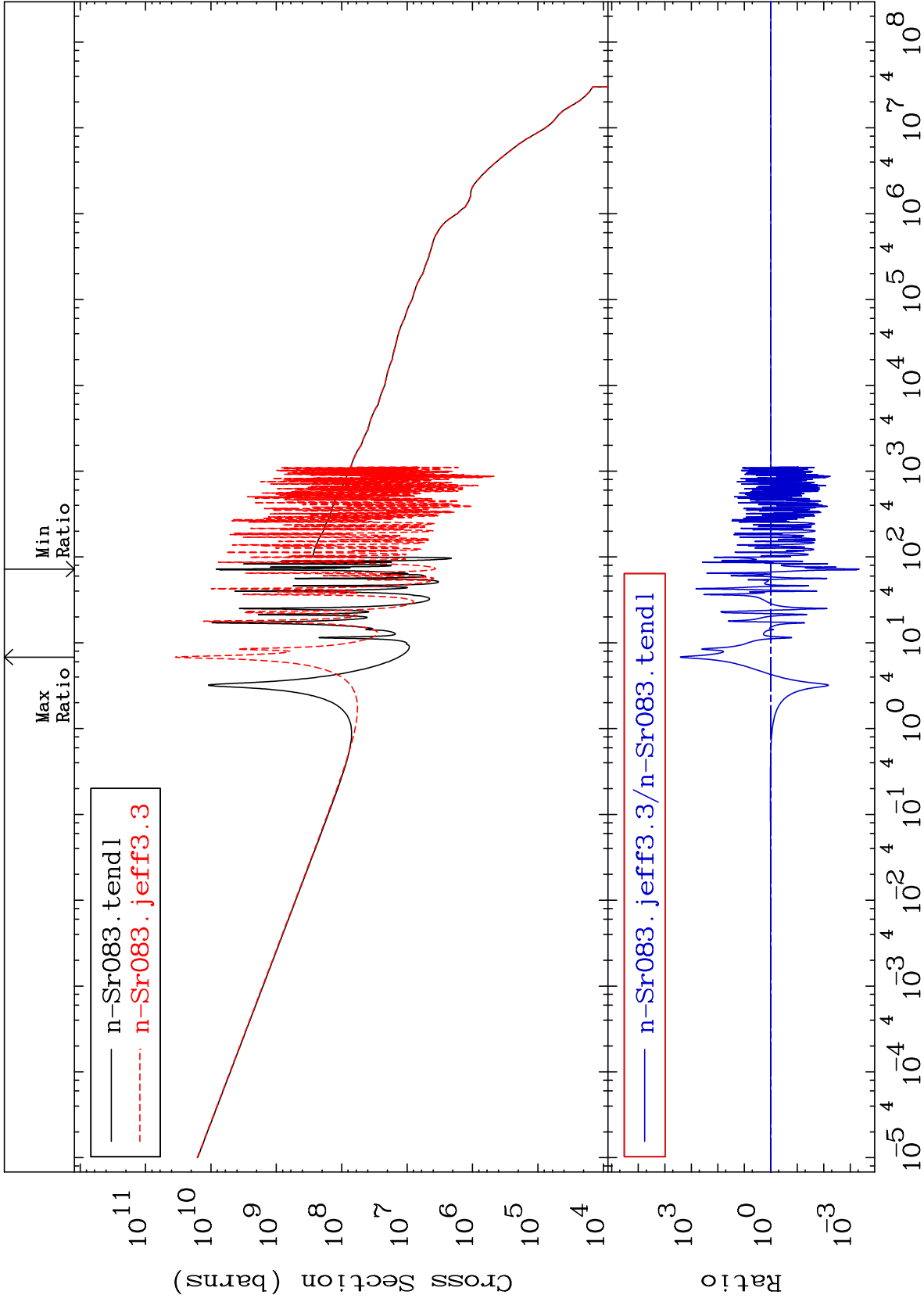
38-Sr-83
-0.032 To 0.086 %

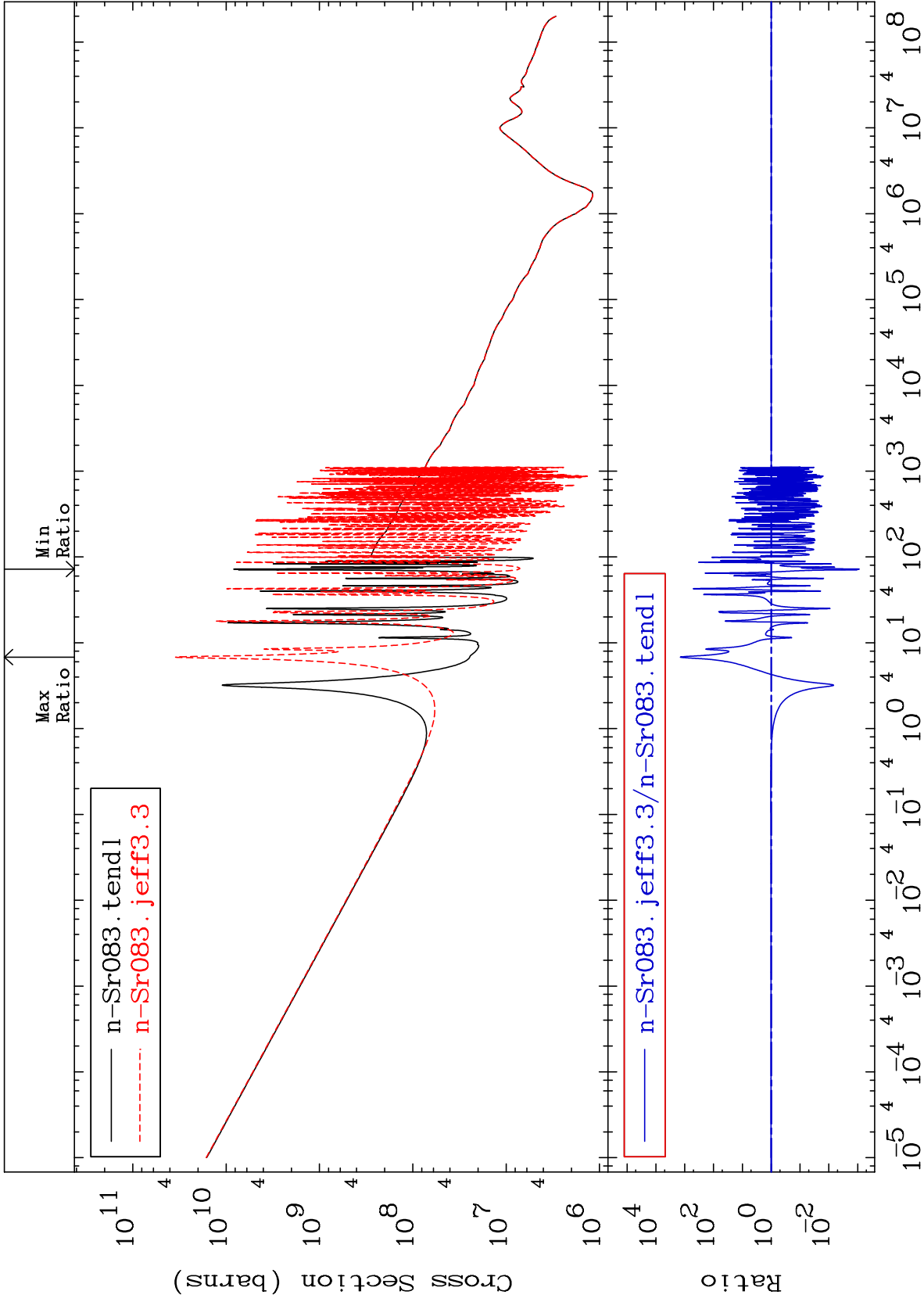


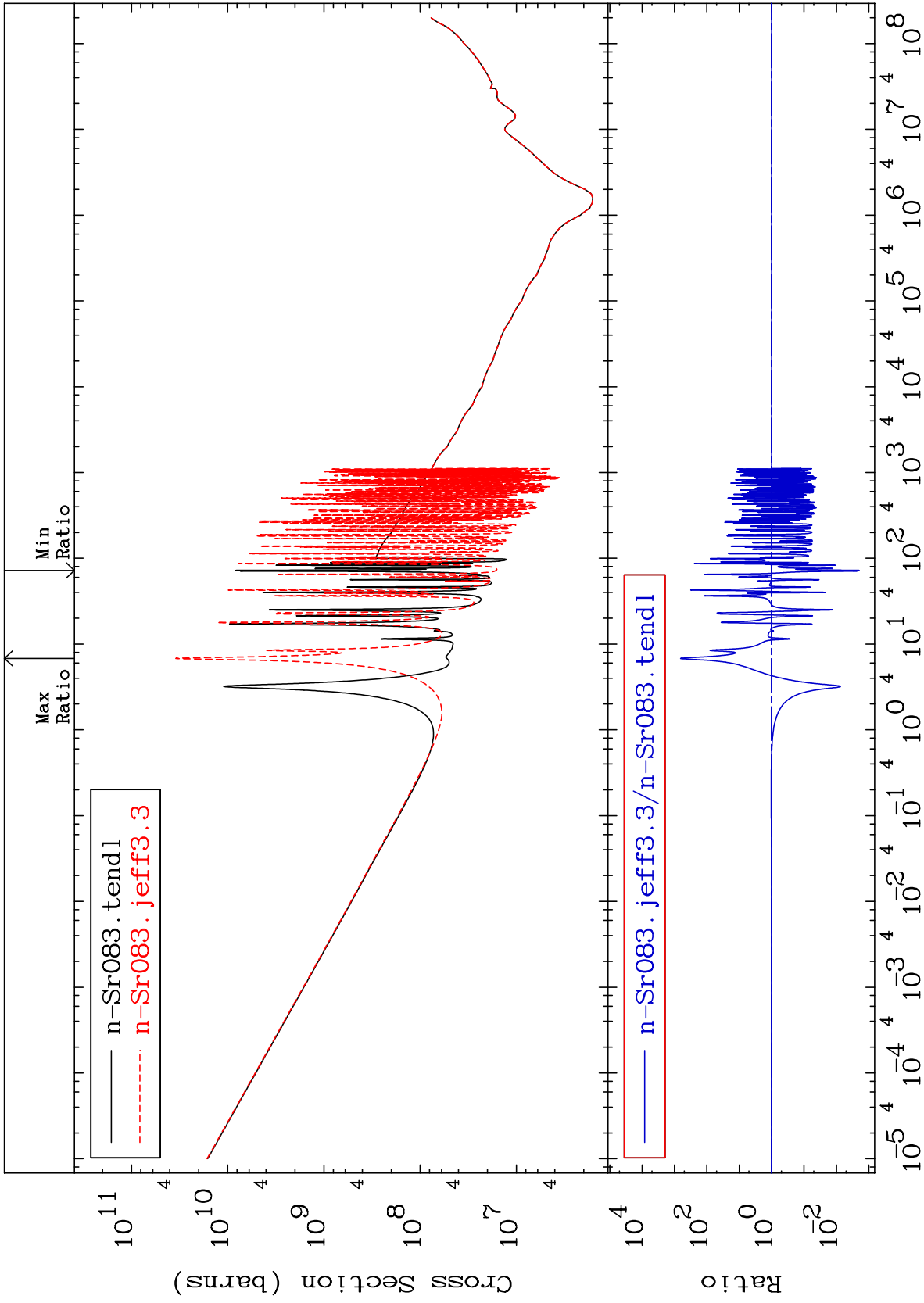
60

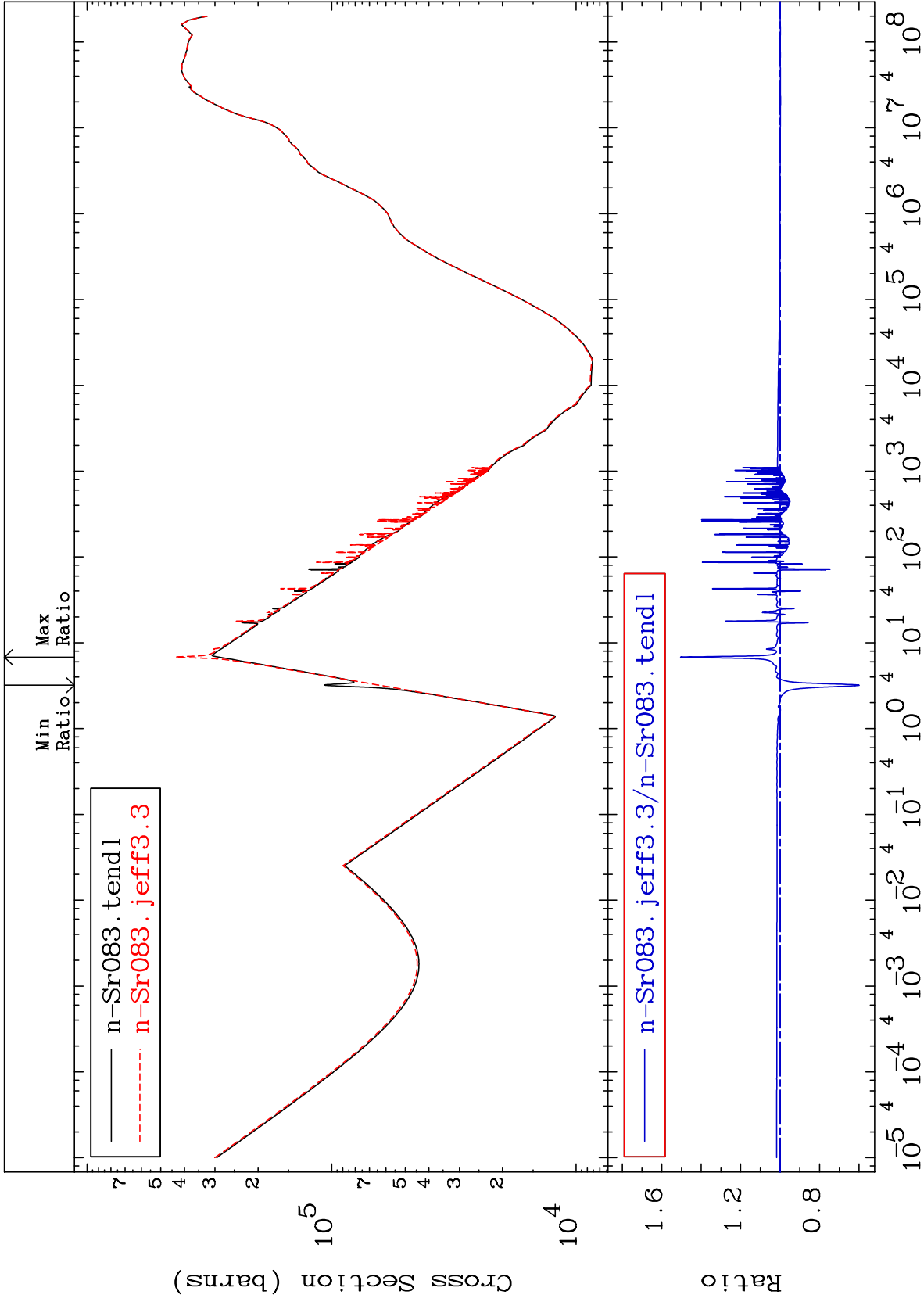
Incident Energy (eV)

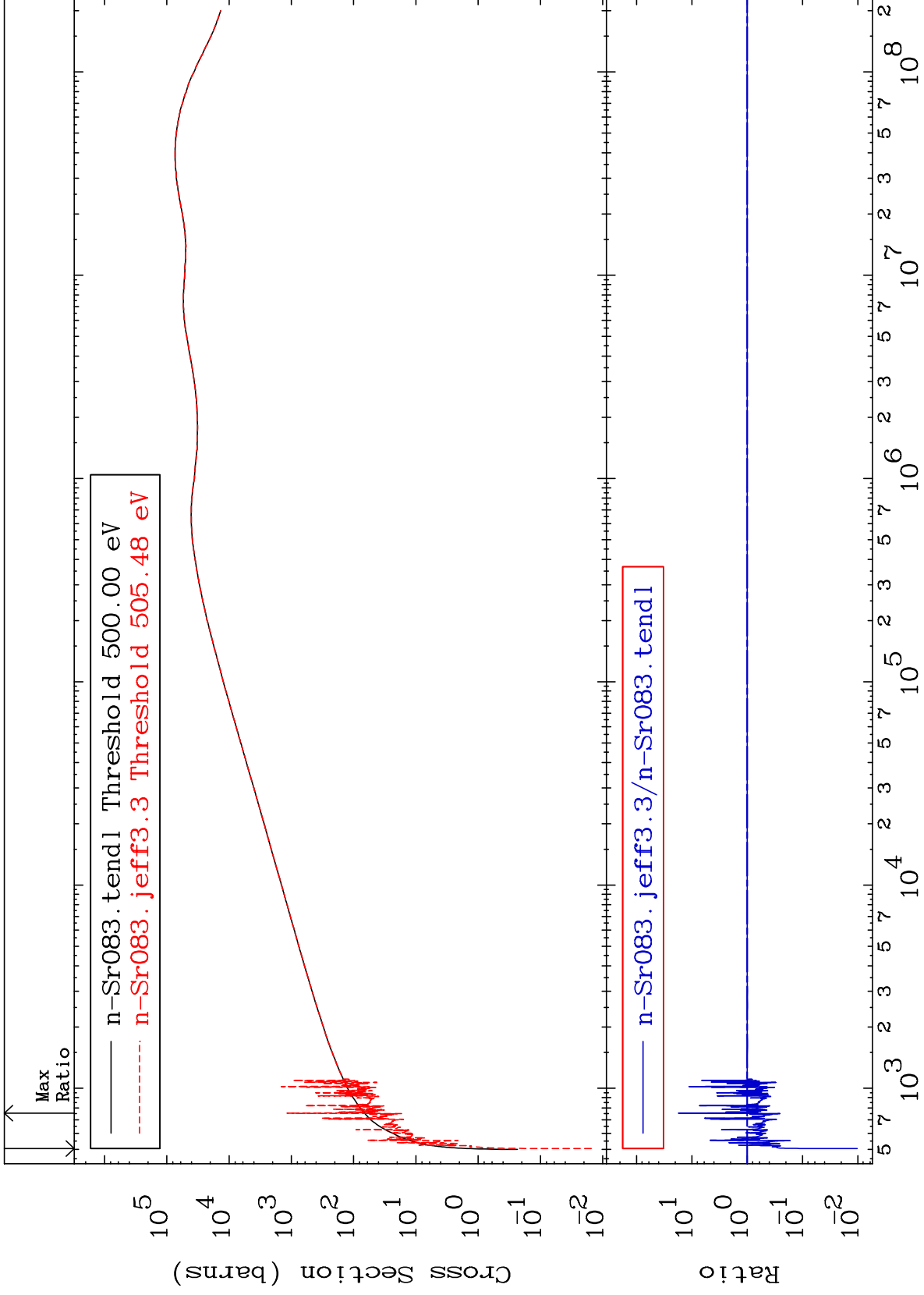
38-Sr-83

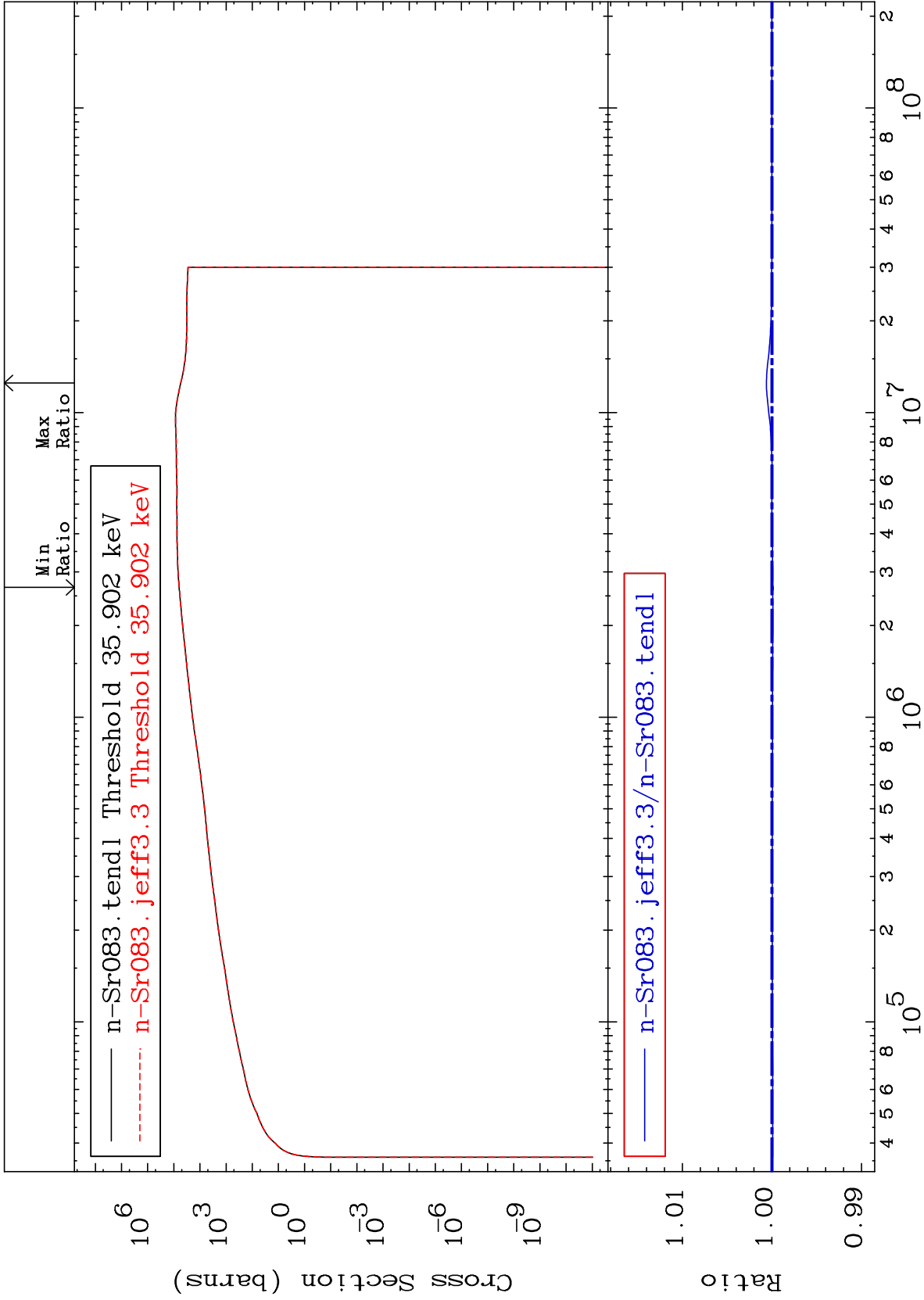


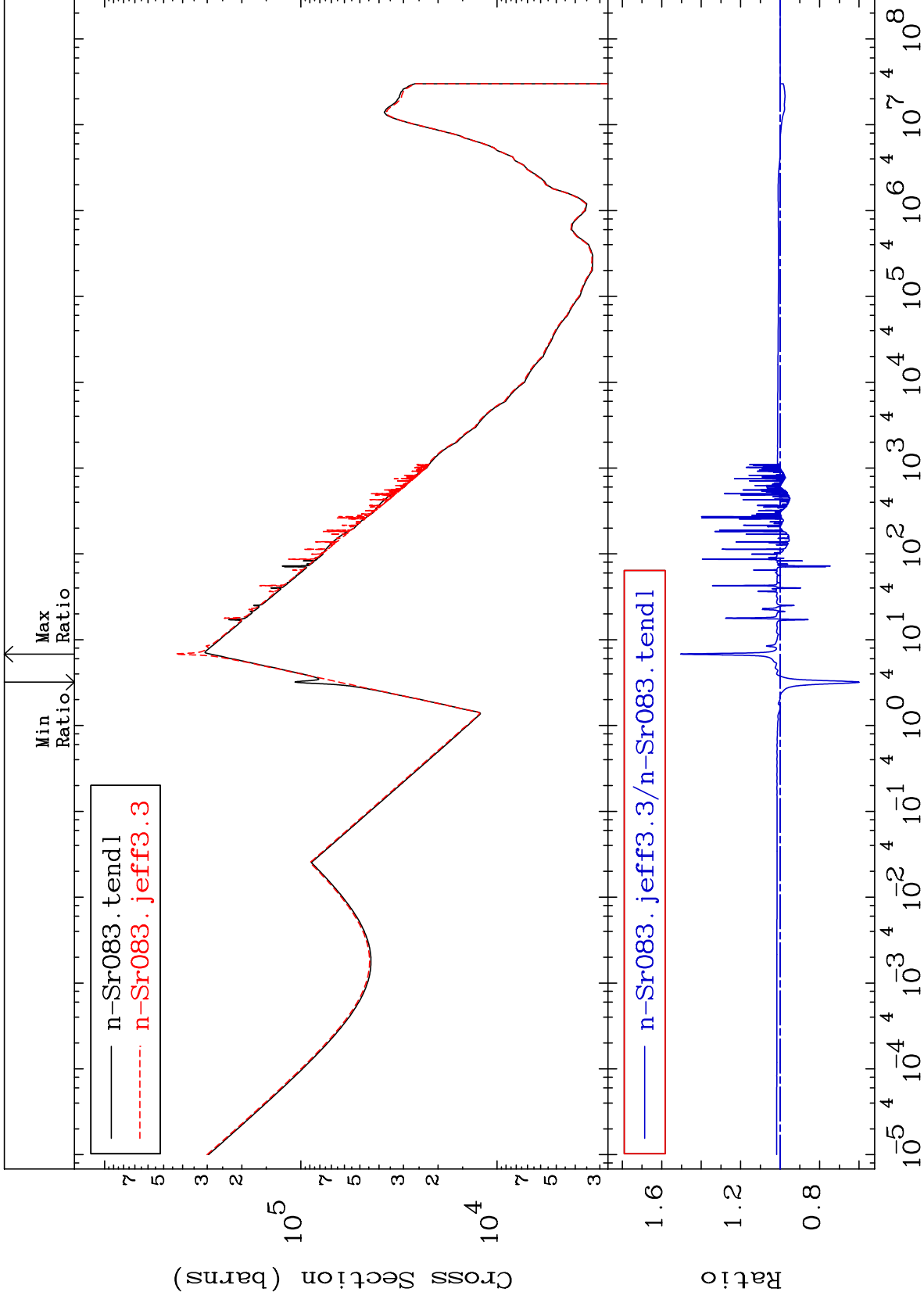




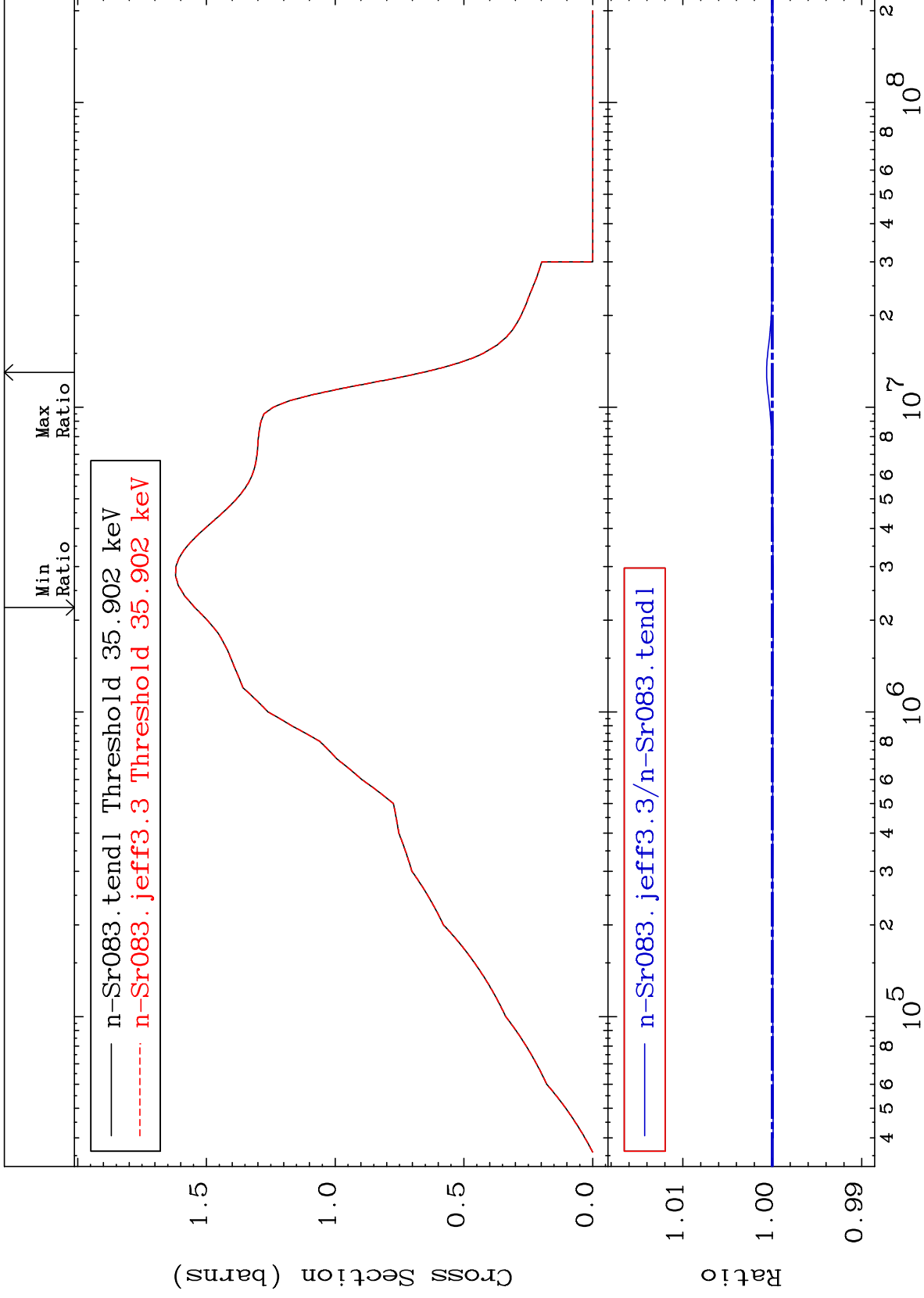








Radionuclide Production Cross Section -0.010 To 0.064 %

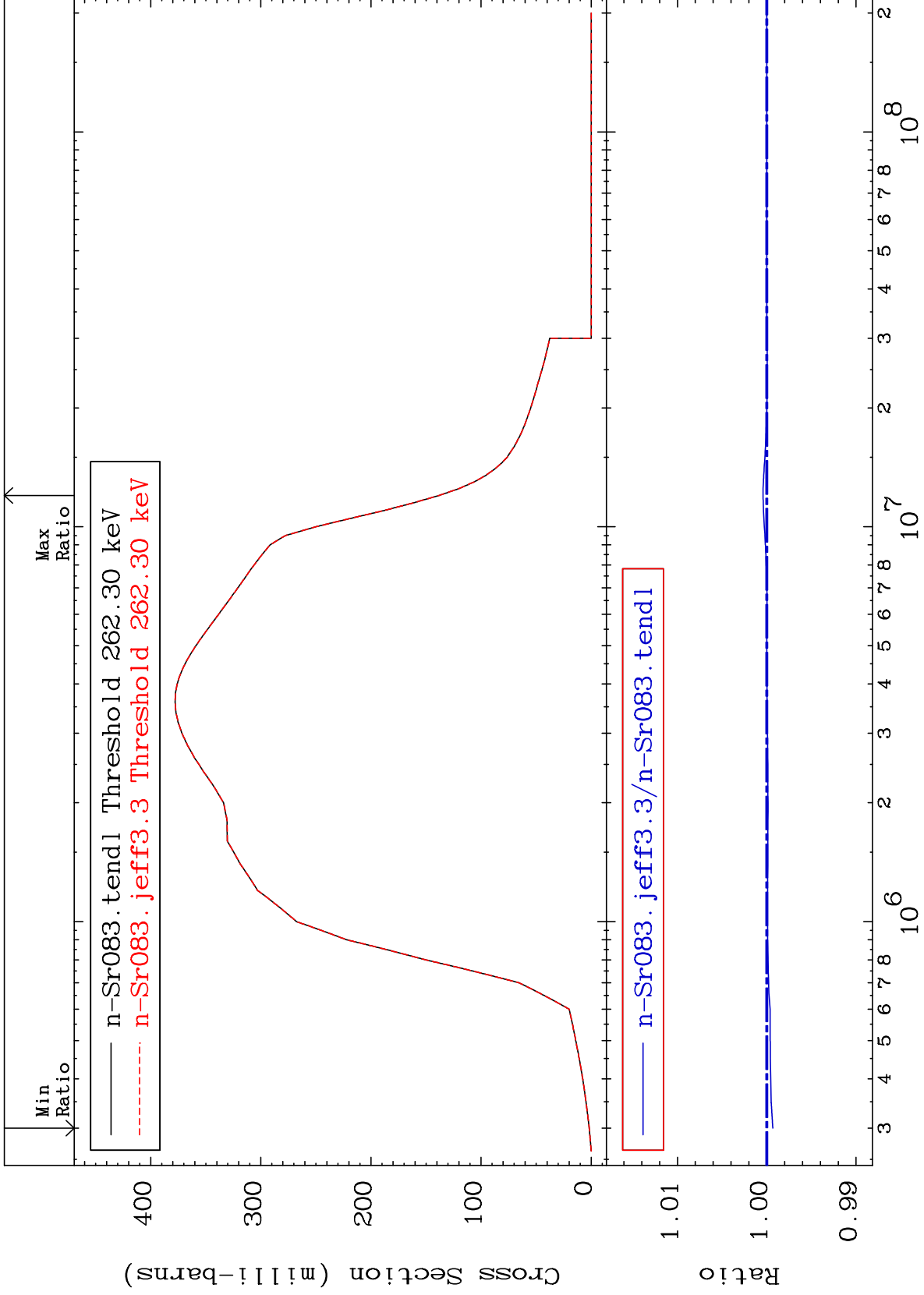


MAT 3822

Inelastic:38-Sr-83m2

38-Sr-83

Radionuclide Production Cross Section -0.067 To 0.041 %

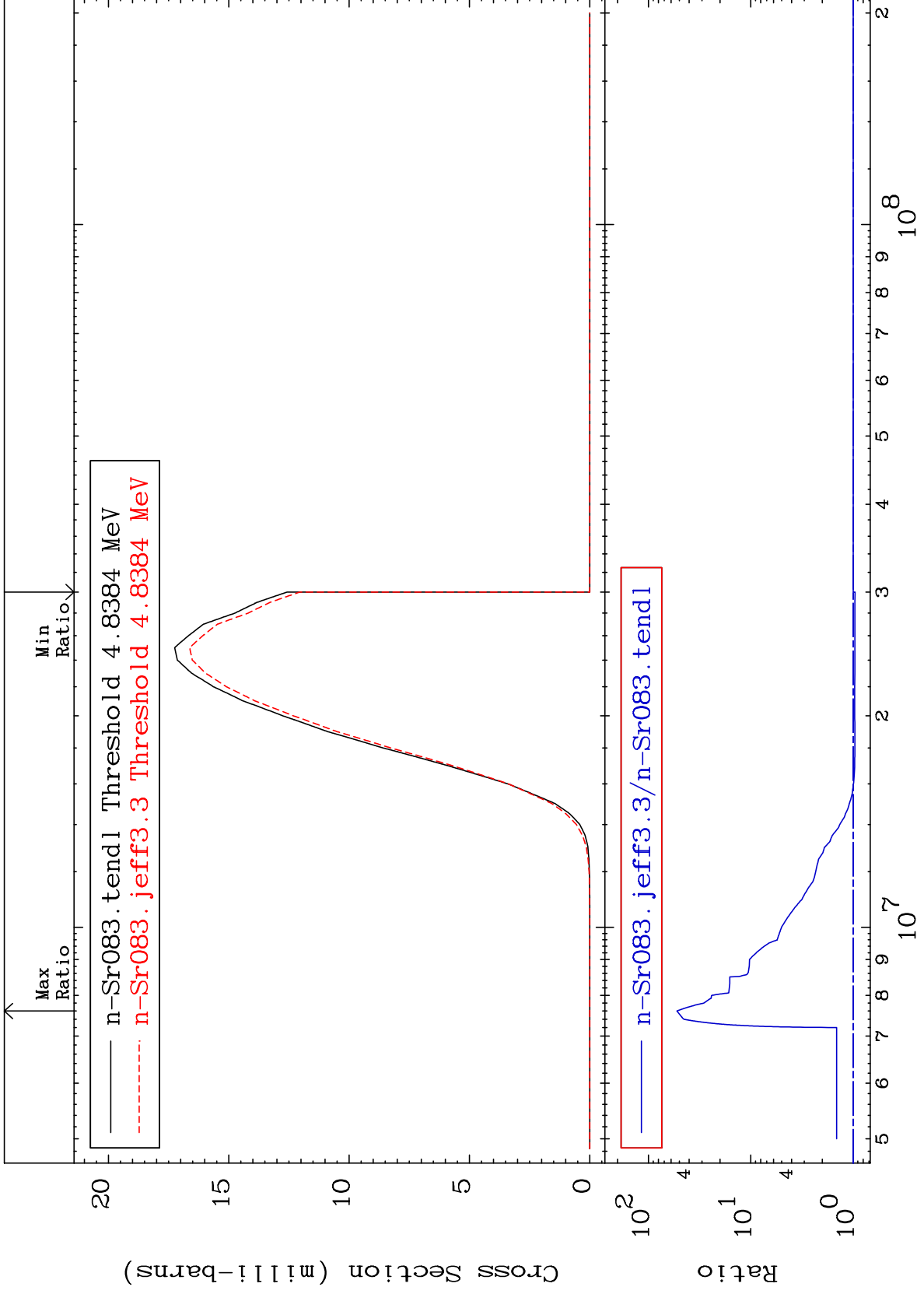


69

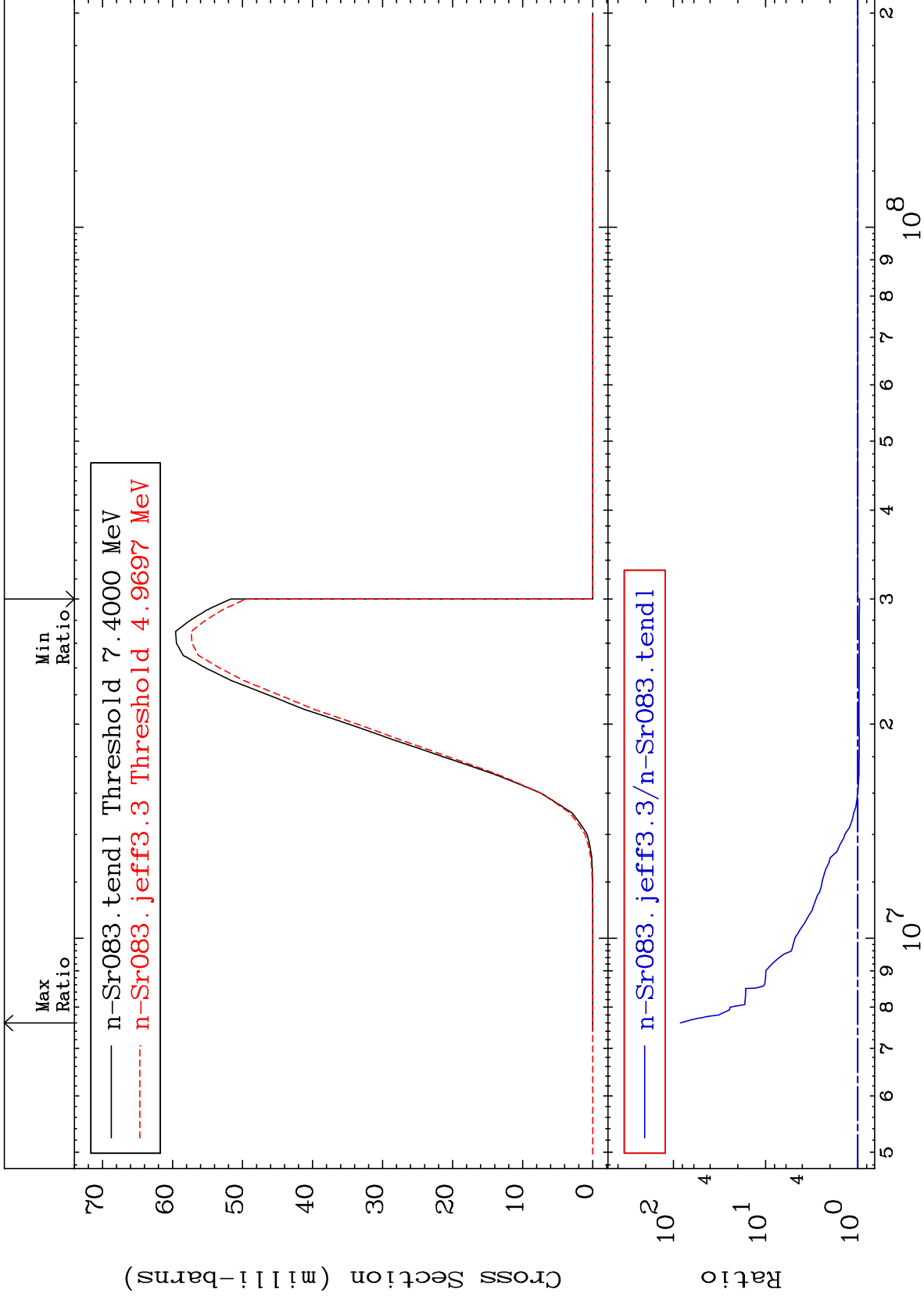
Incident Energy (eV)

38-Sr-83

Radionuclide Production Cross Section -4.176 To 5170. %



Radionuclide Production Cross Section -4.200 To 8307. %

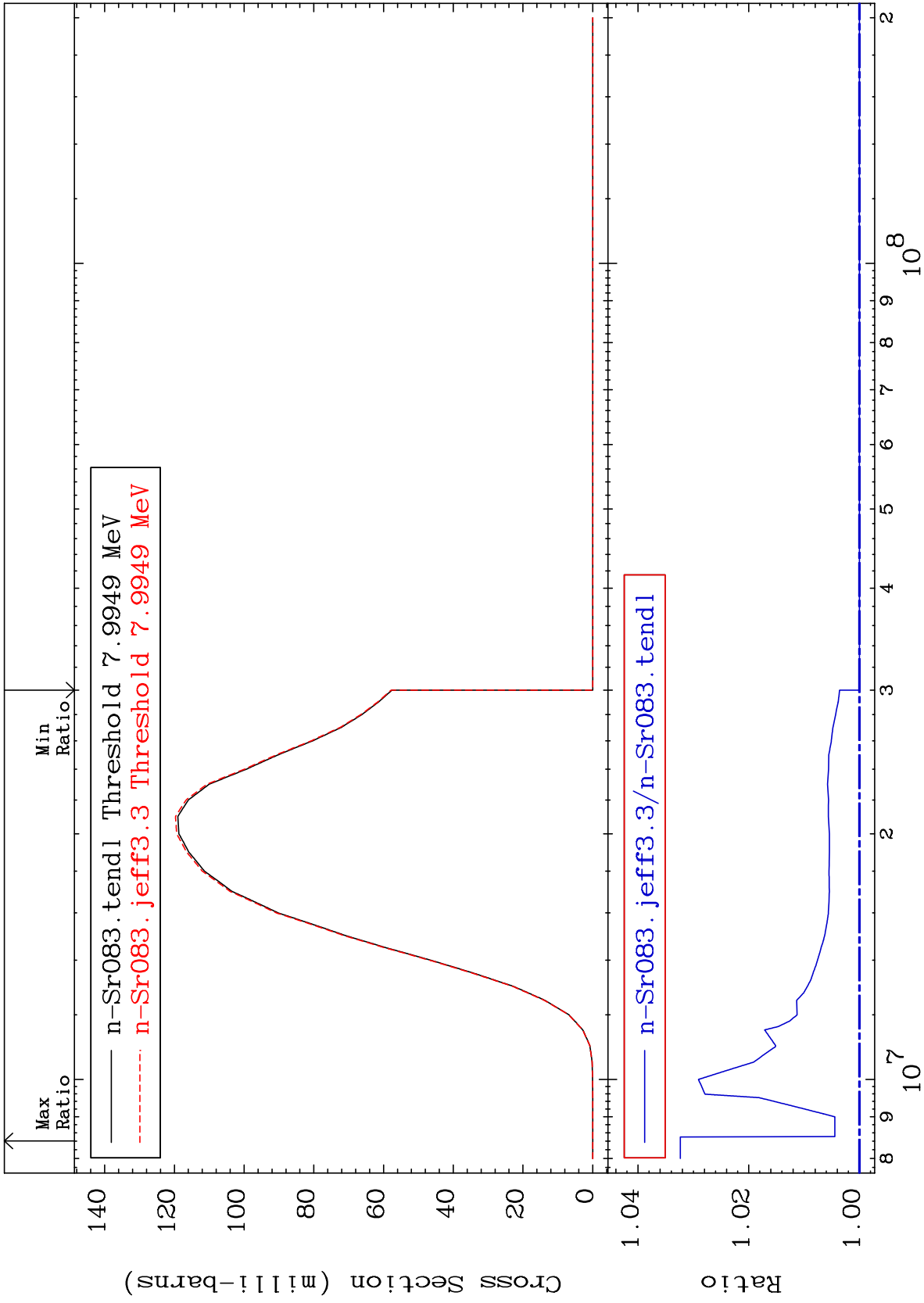


MAT 3822

(n, n') p:37-Rb-82g

38-Sr-83

Radionuclide Production Cross Section 0.000 To 3.236 %

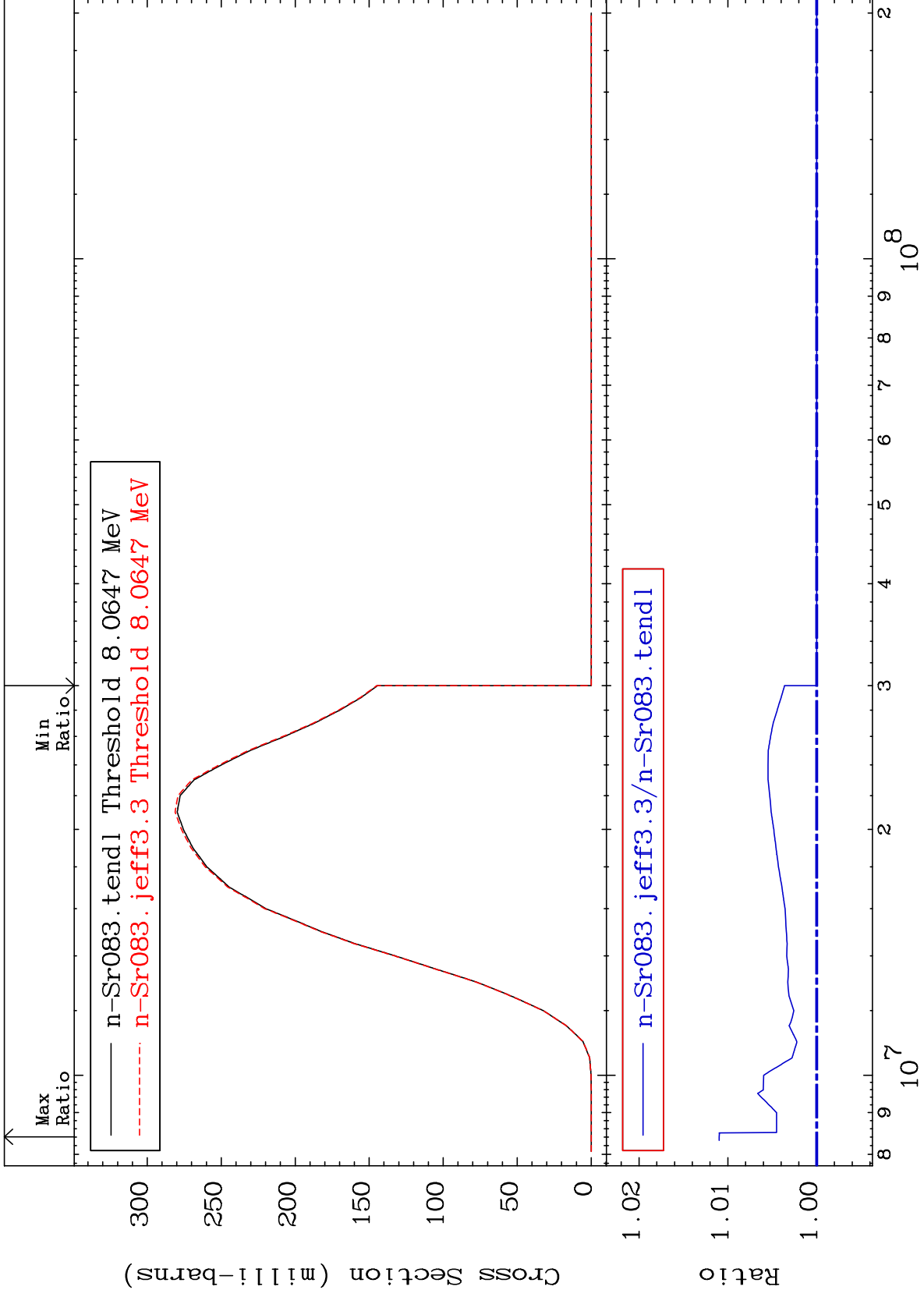


72

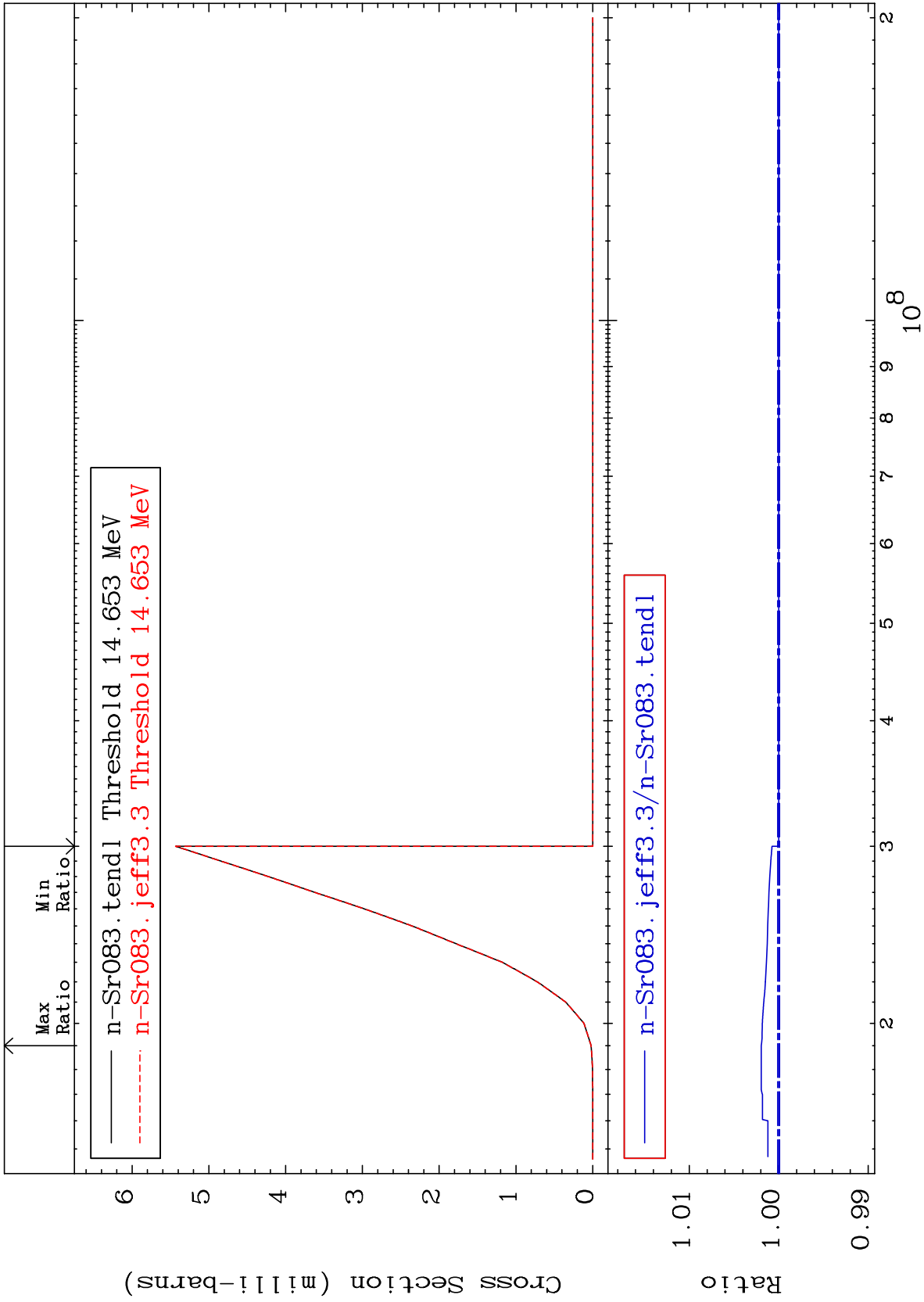
Incident Energy (eV)

38-Sr-83

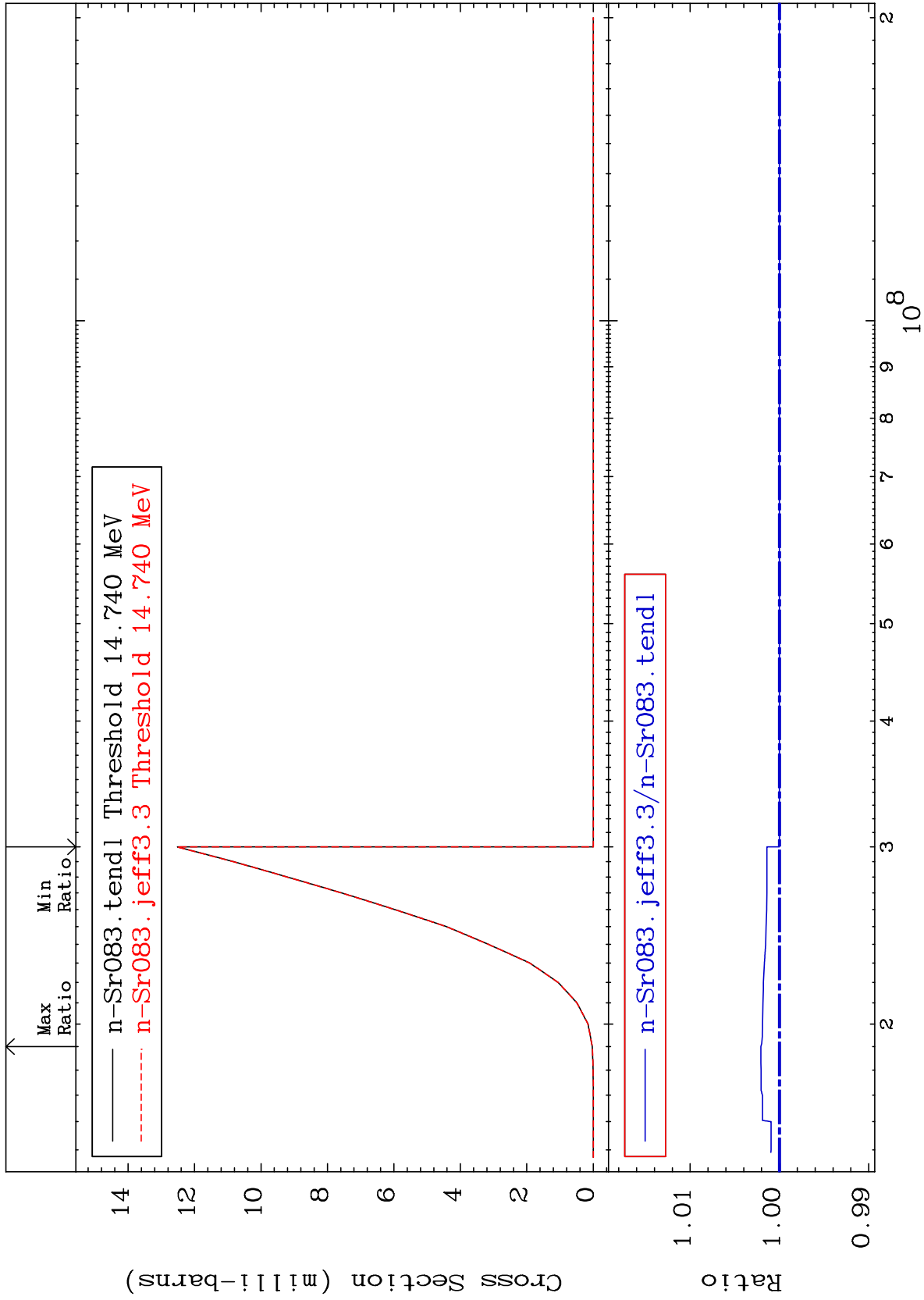
Radionuclide Production Cross Section 0.000 To 1.097 %



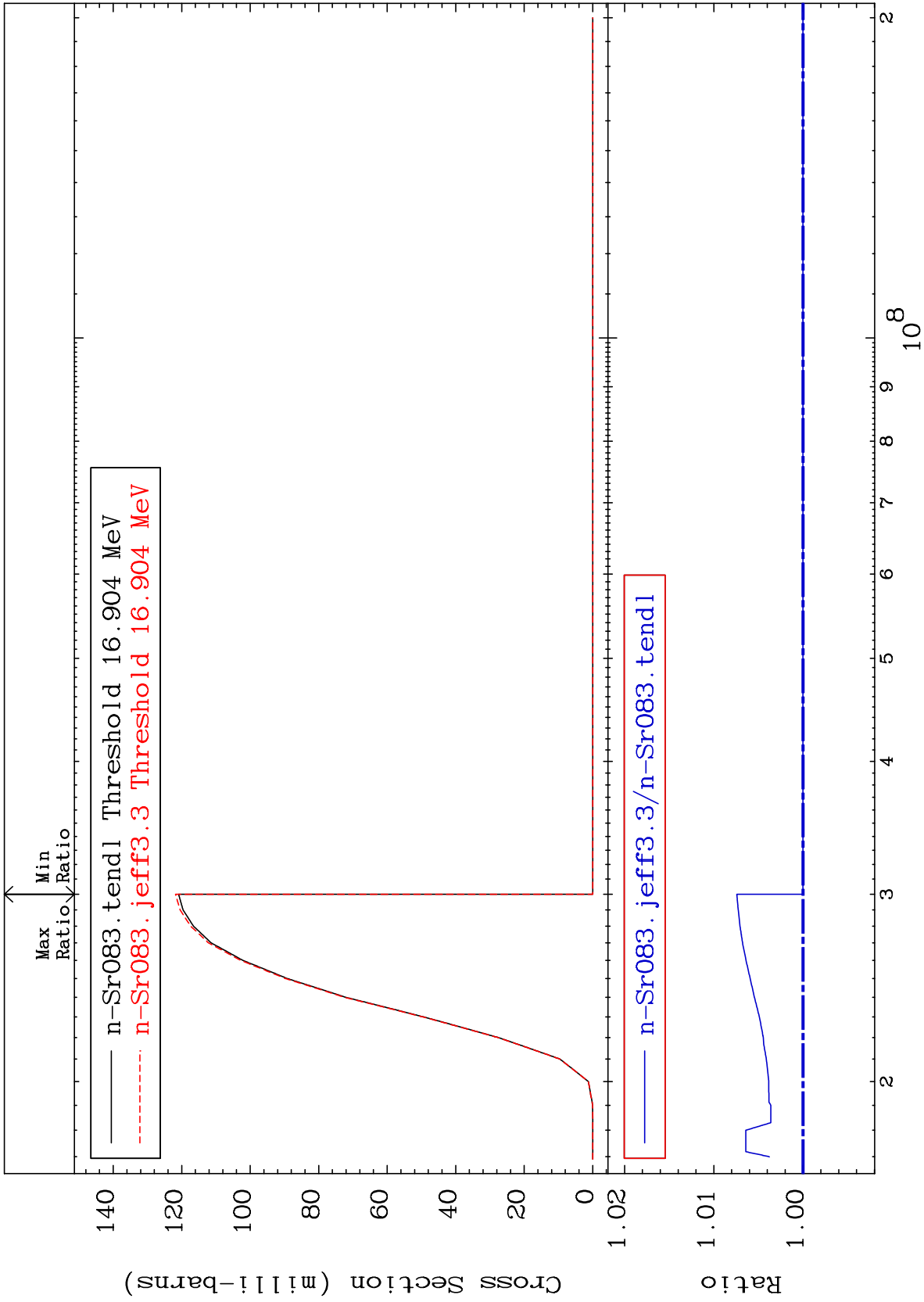
Radionuclide Production Cross Section 0.000 To 0.196 %



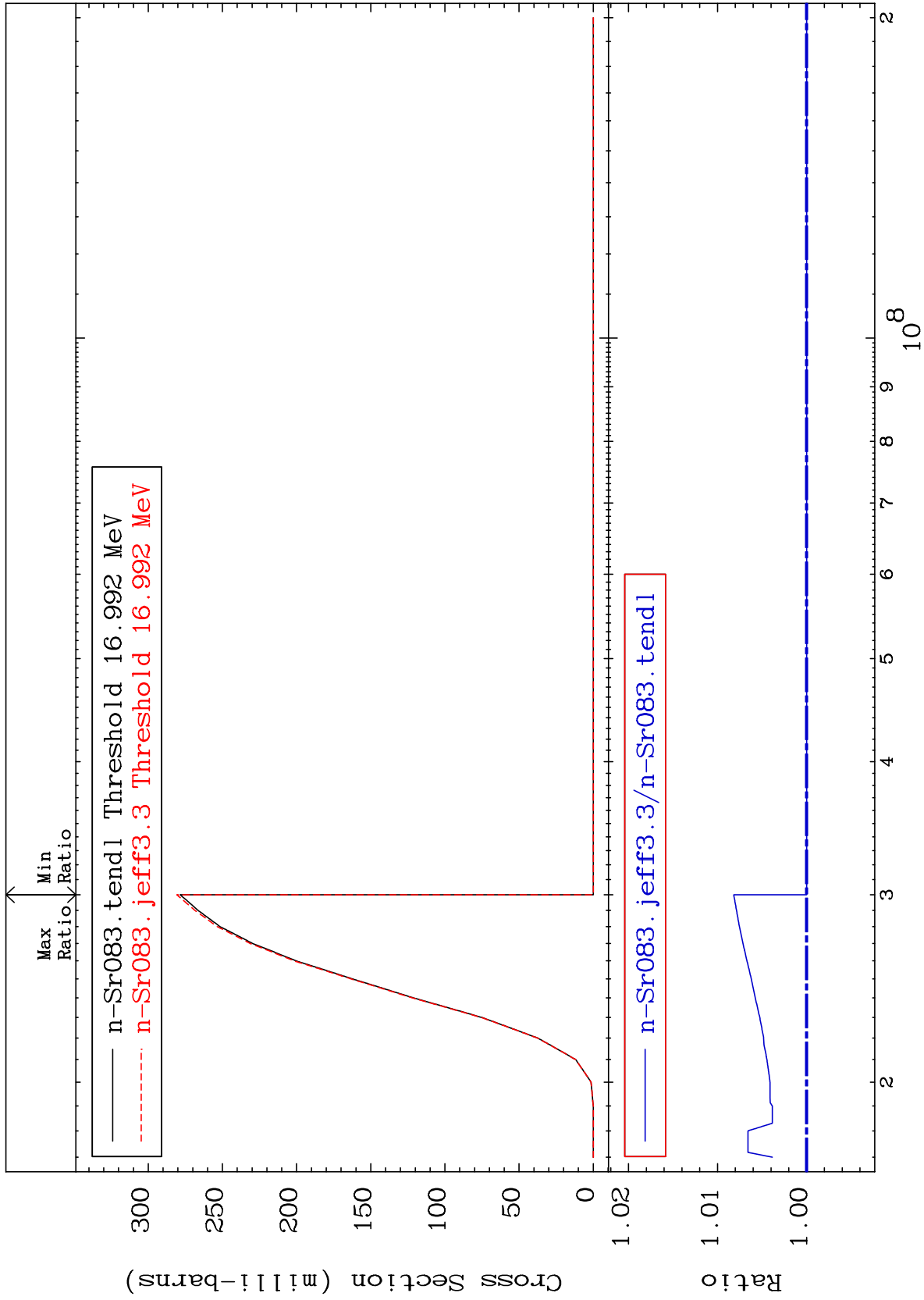
Radionuclide Production Cross Section 0.000 To 0.208 %

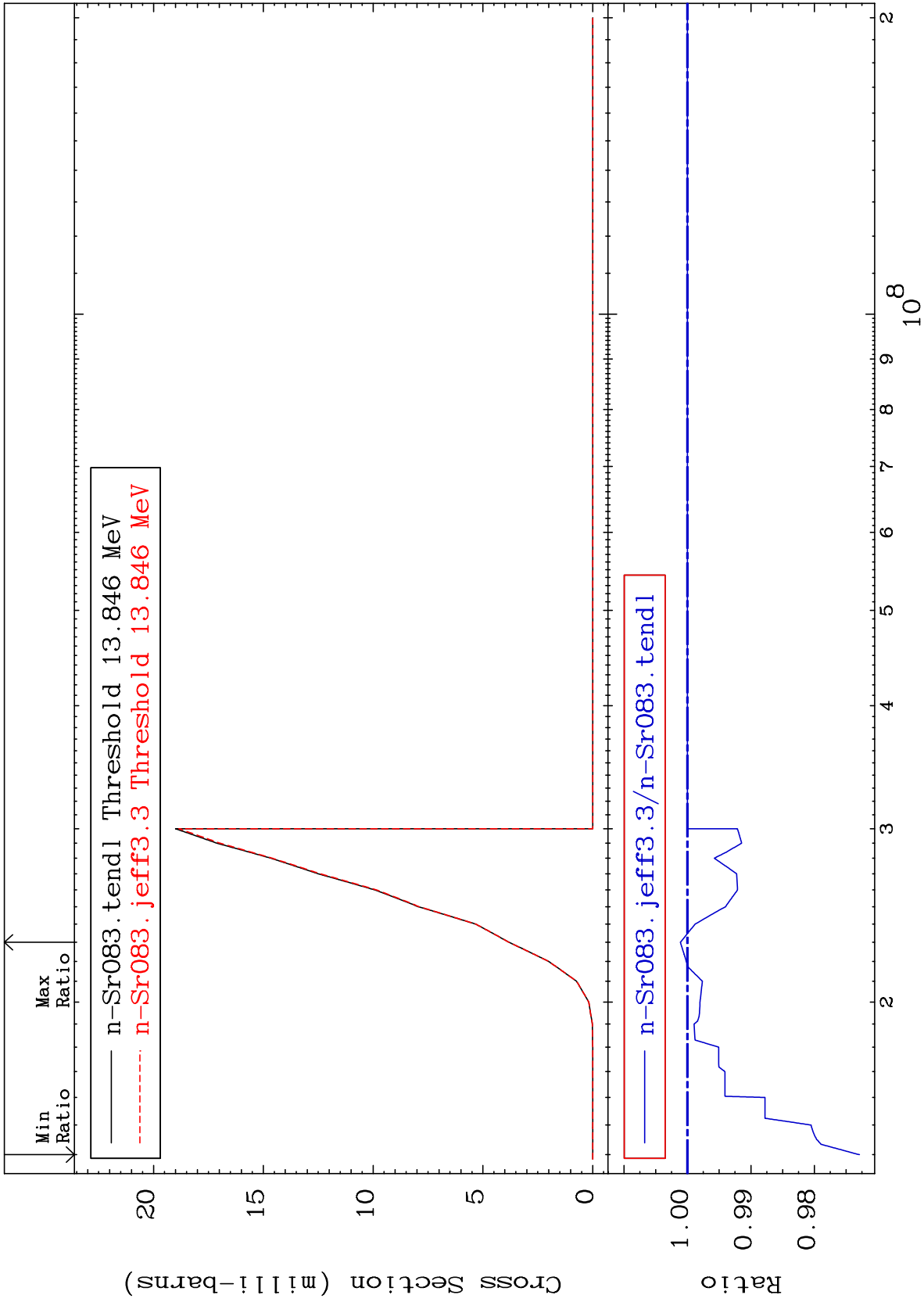


Radionuclide Production Cross Section 0.000 To 0.743 %

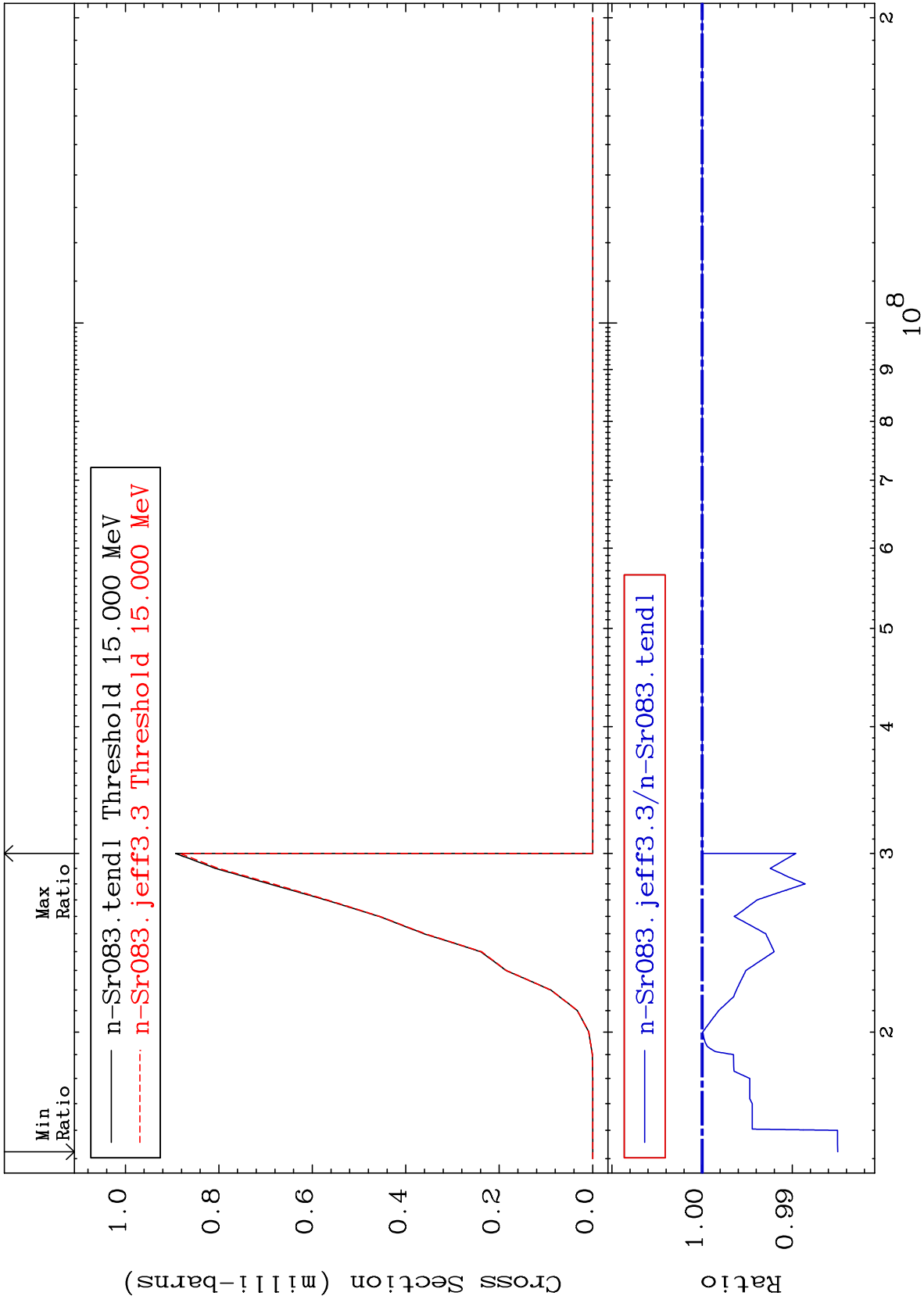


Radionuclide Production Cross Section 0.000 To 0.818 %





Radionuclide Production Cross Section -1.502 To 0.000 %

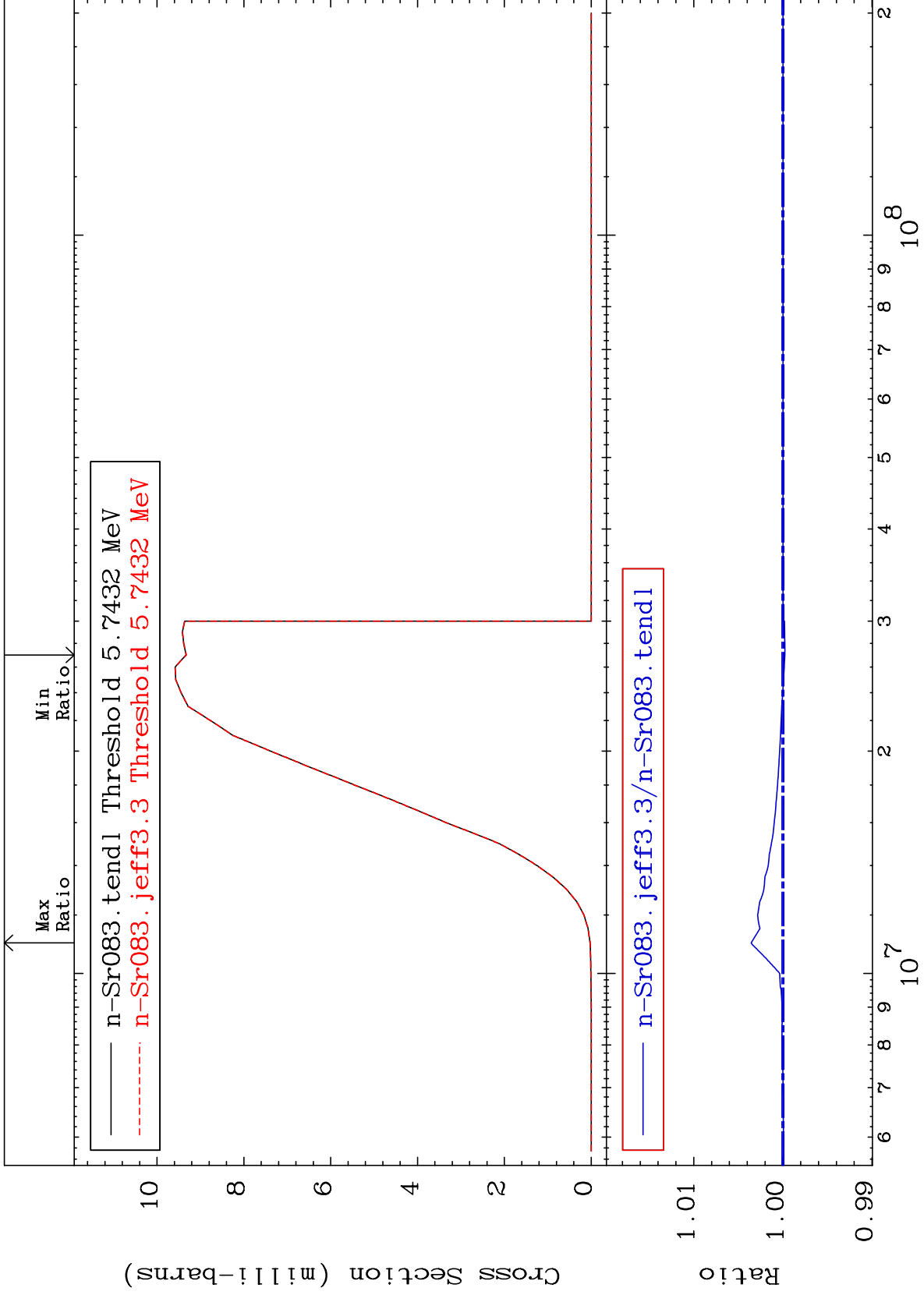


MAT 3822

(n, d):37-Rb-82g

38-Sr-83

Radionuclide Production Cross Section -0.021 To 0.357 %

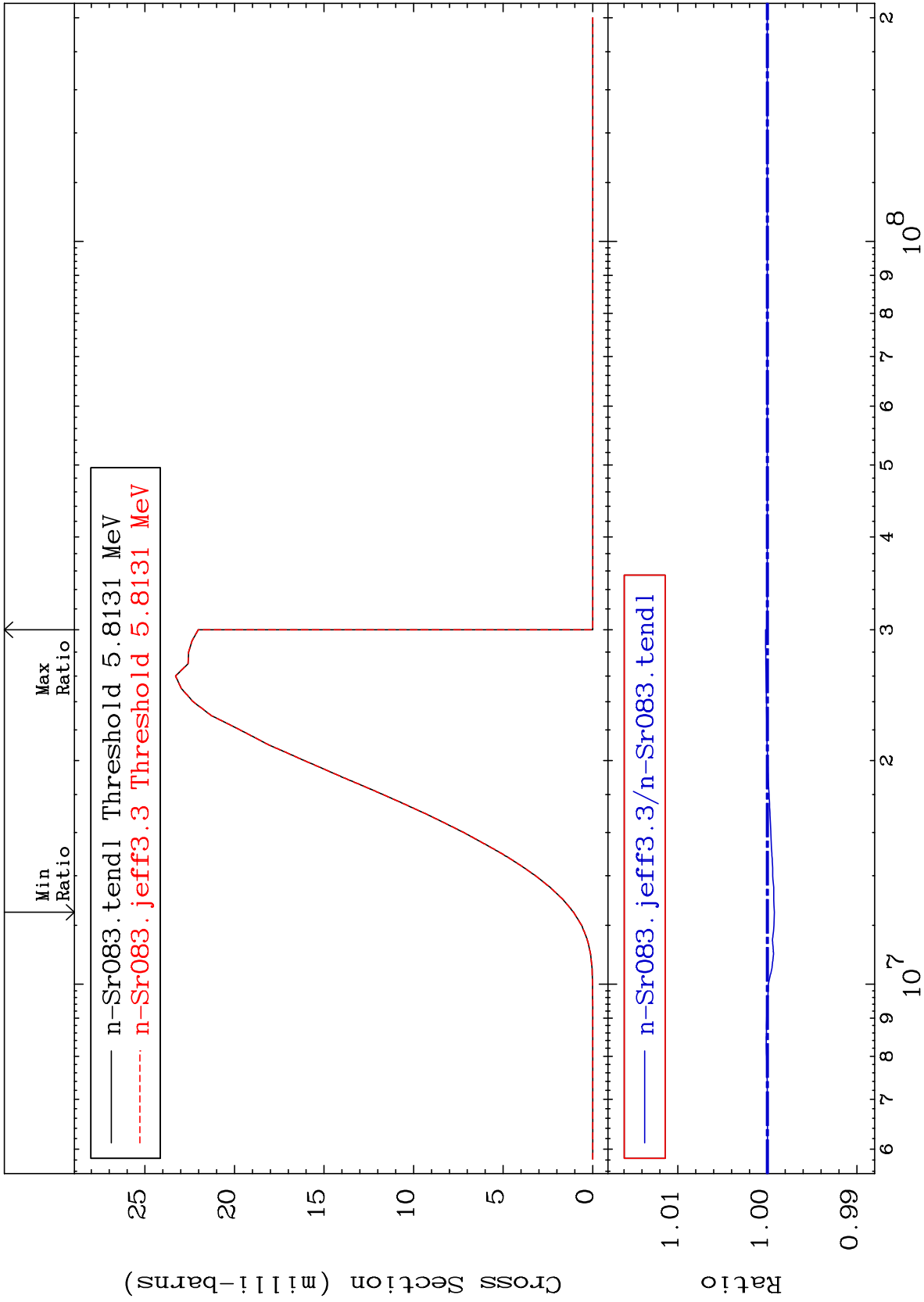


80

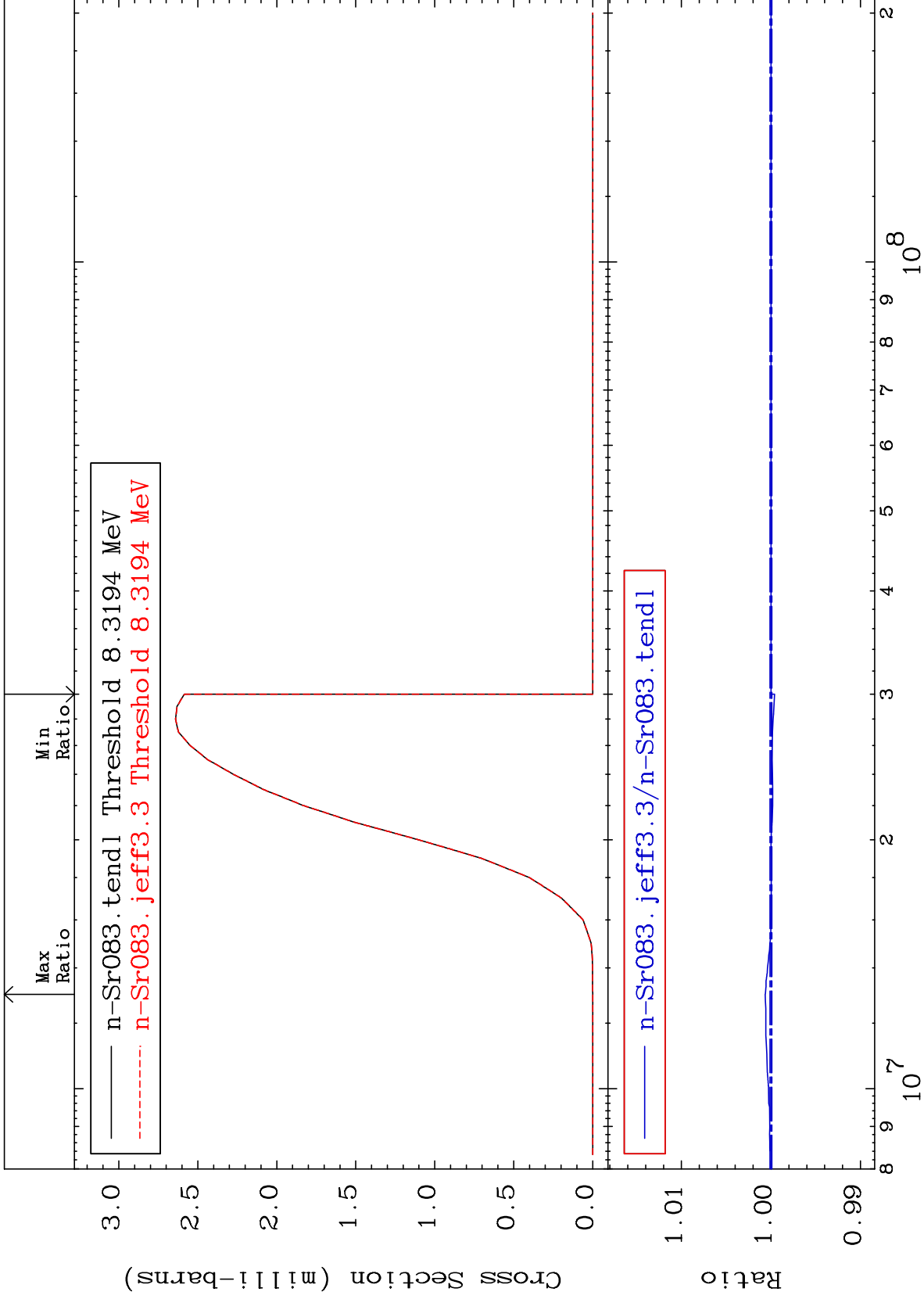
Incident Energy (eV)

38-Sr-83

Radionuclide Production Cross Section -0.077 To 0.020 %



Radionuclide Production Cross Section -0.040 To 0.064 %

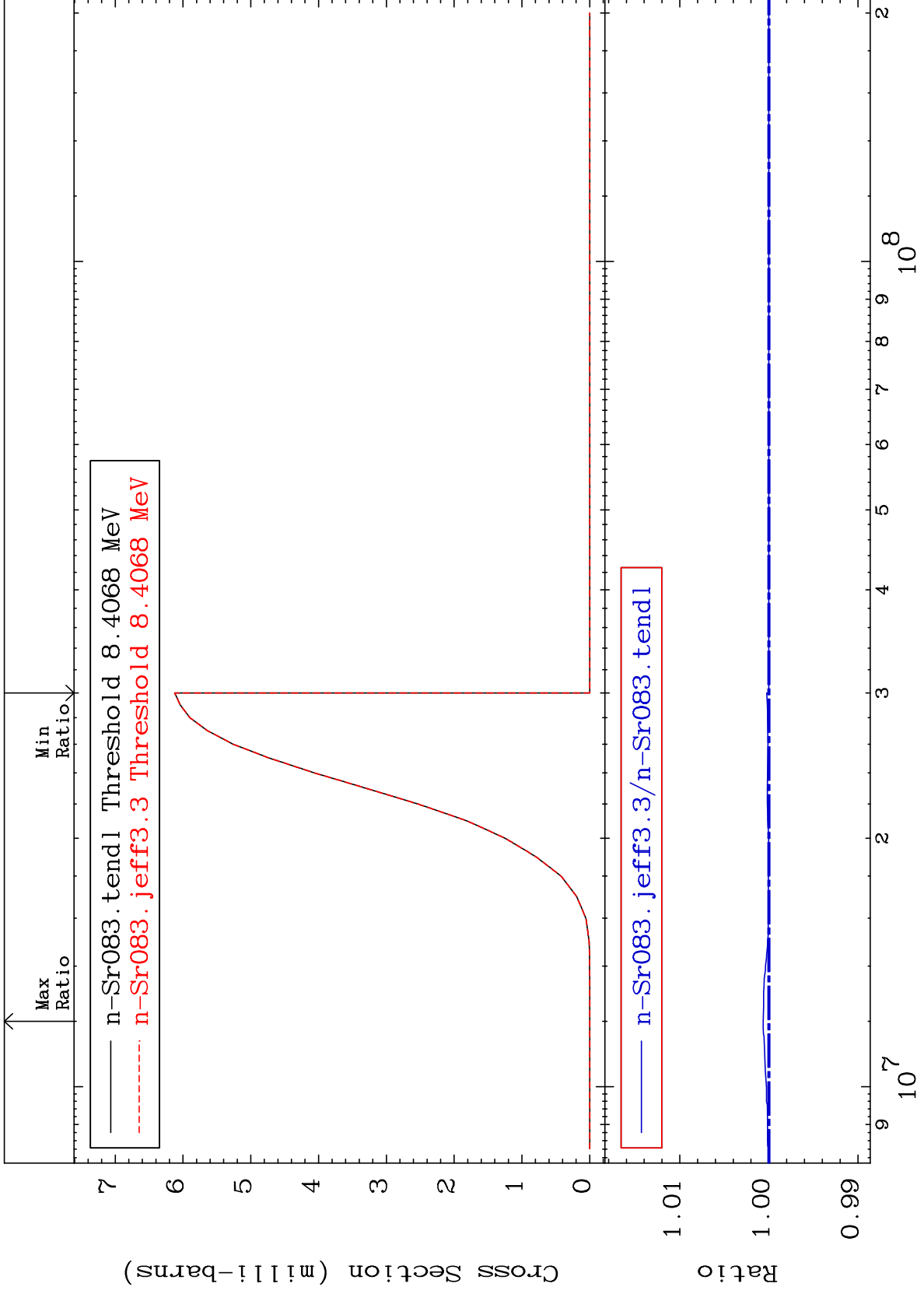


MAT 3822

(n, t) : 37-Rb-81m1

38-Sr-83

Radionuclide Production Cross Section 0.000 To 0.064 %

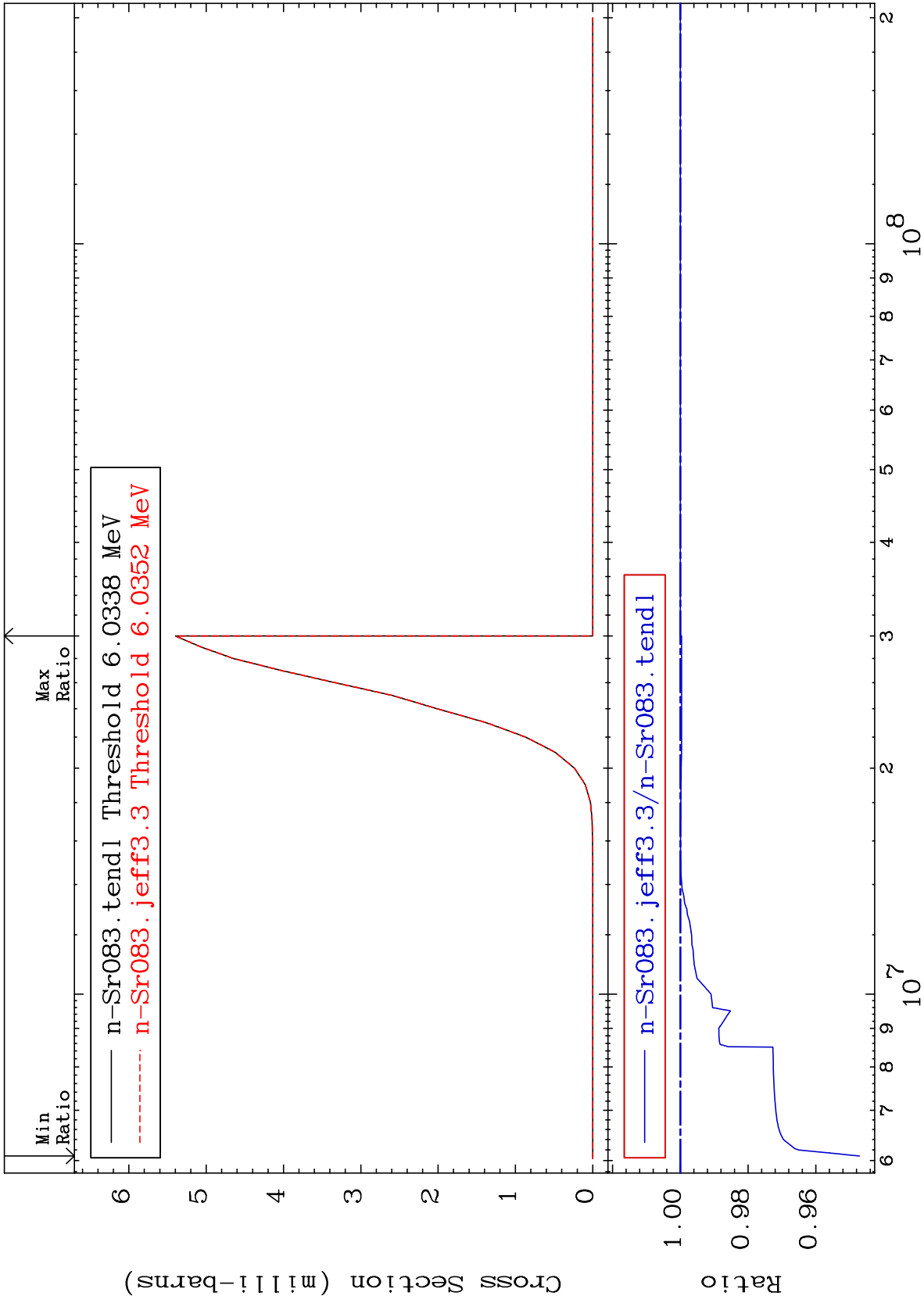


83

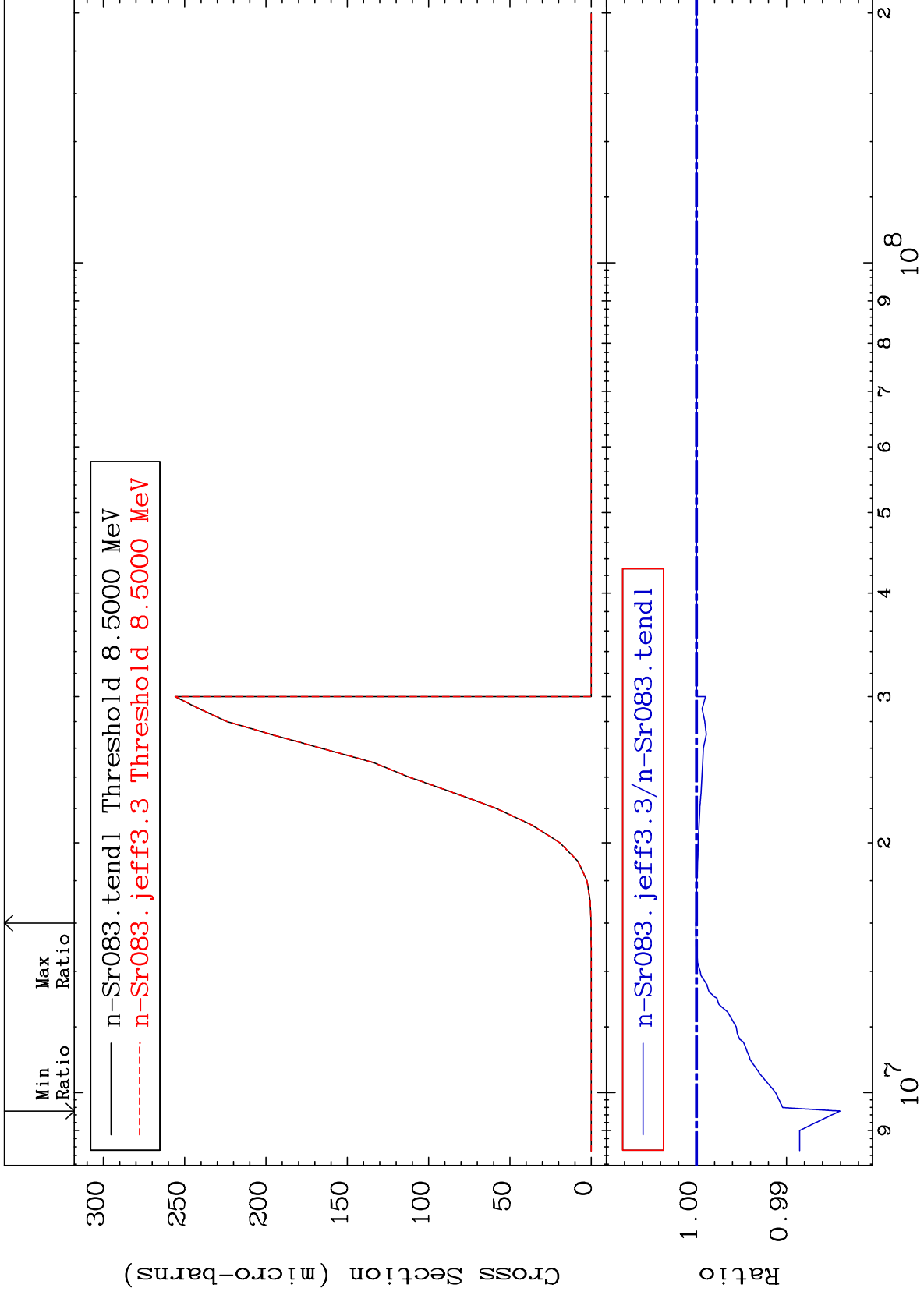
Incident Energy (eV)

38-Sr-83

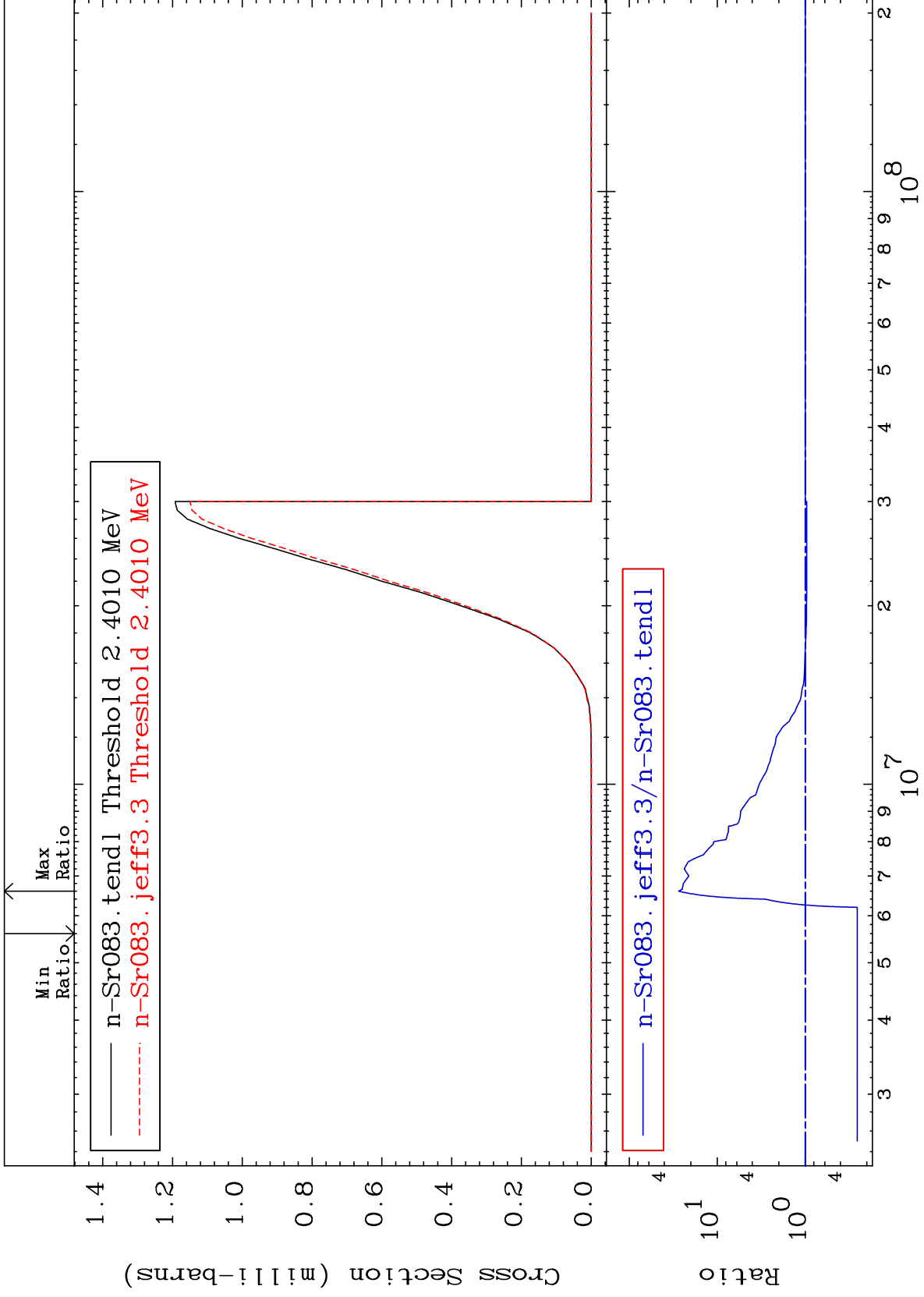
Radionuclide Production Cross Section -5.283 To 0.000 %



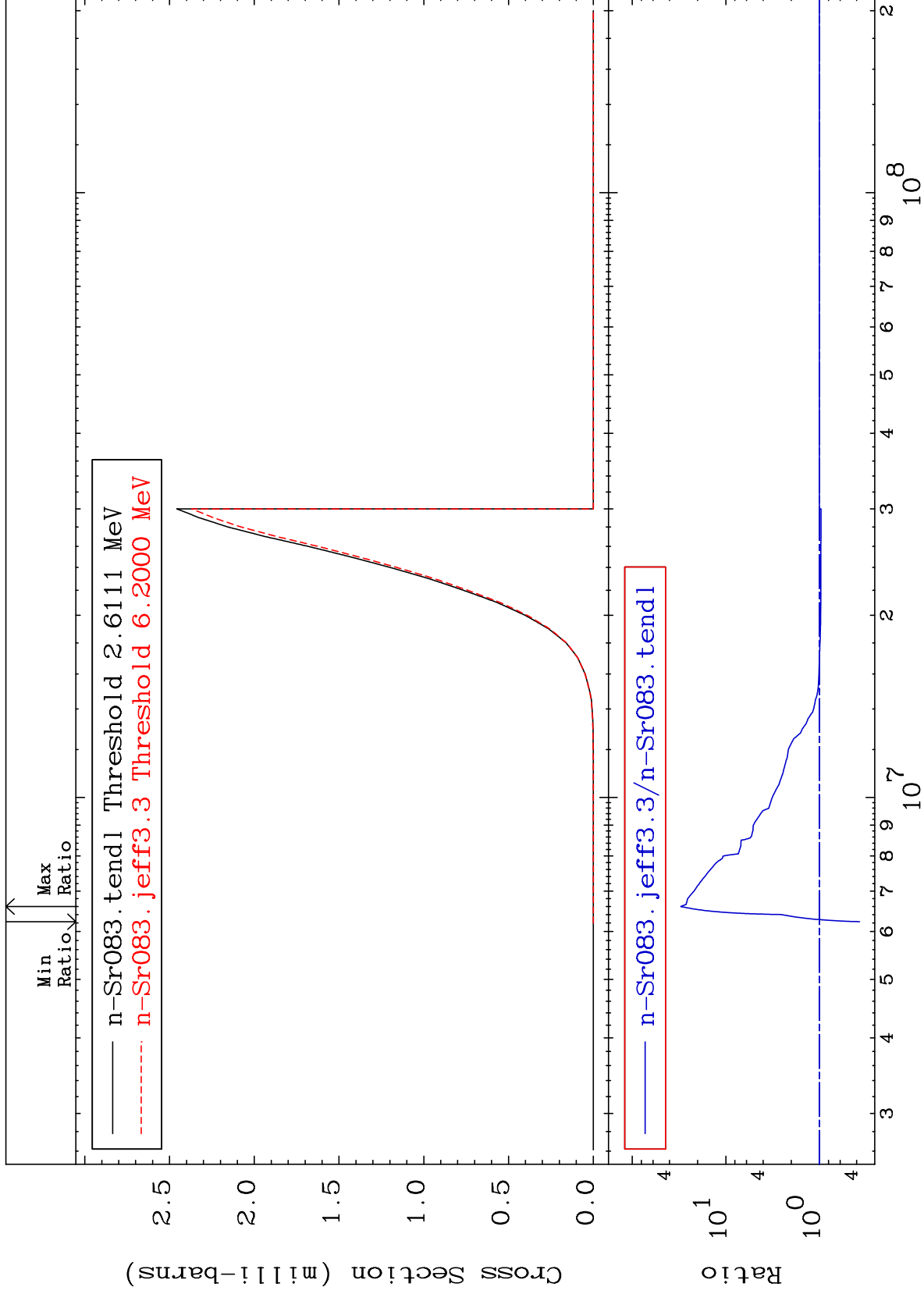
Radionuclide Production Cross Section -1.594 To 0.006 %



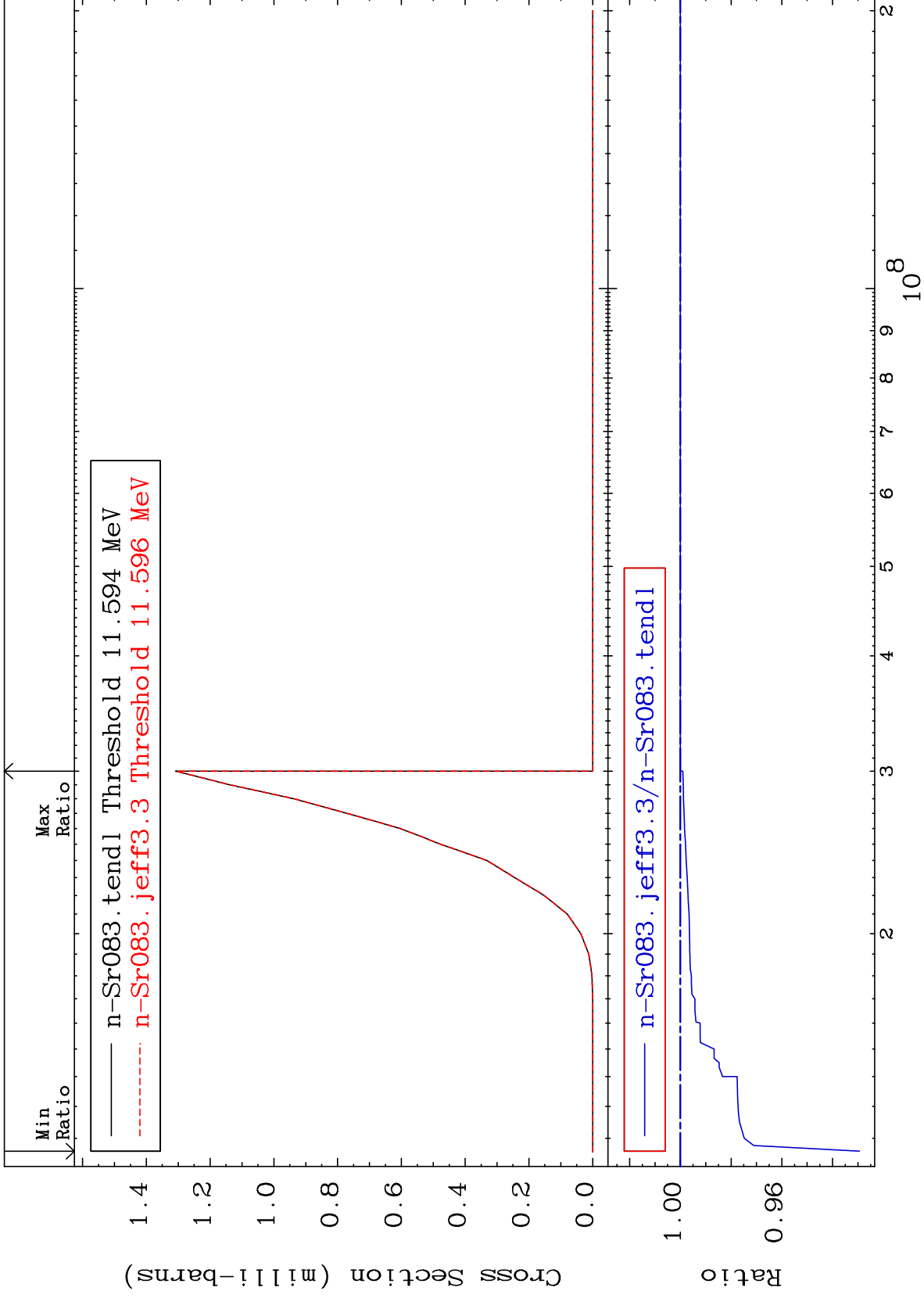
Radionuclide Production Cross Section -74.29 To 2647. %



Radionuclide Production Cross Section -62.68 To 2929. %



Radionuclide Production Cross Section -7.060 To 0.000 %



Radionuclide Production Cross Section -2.978 To 0.000 %

