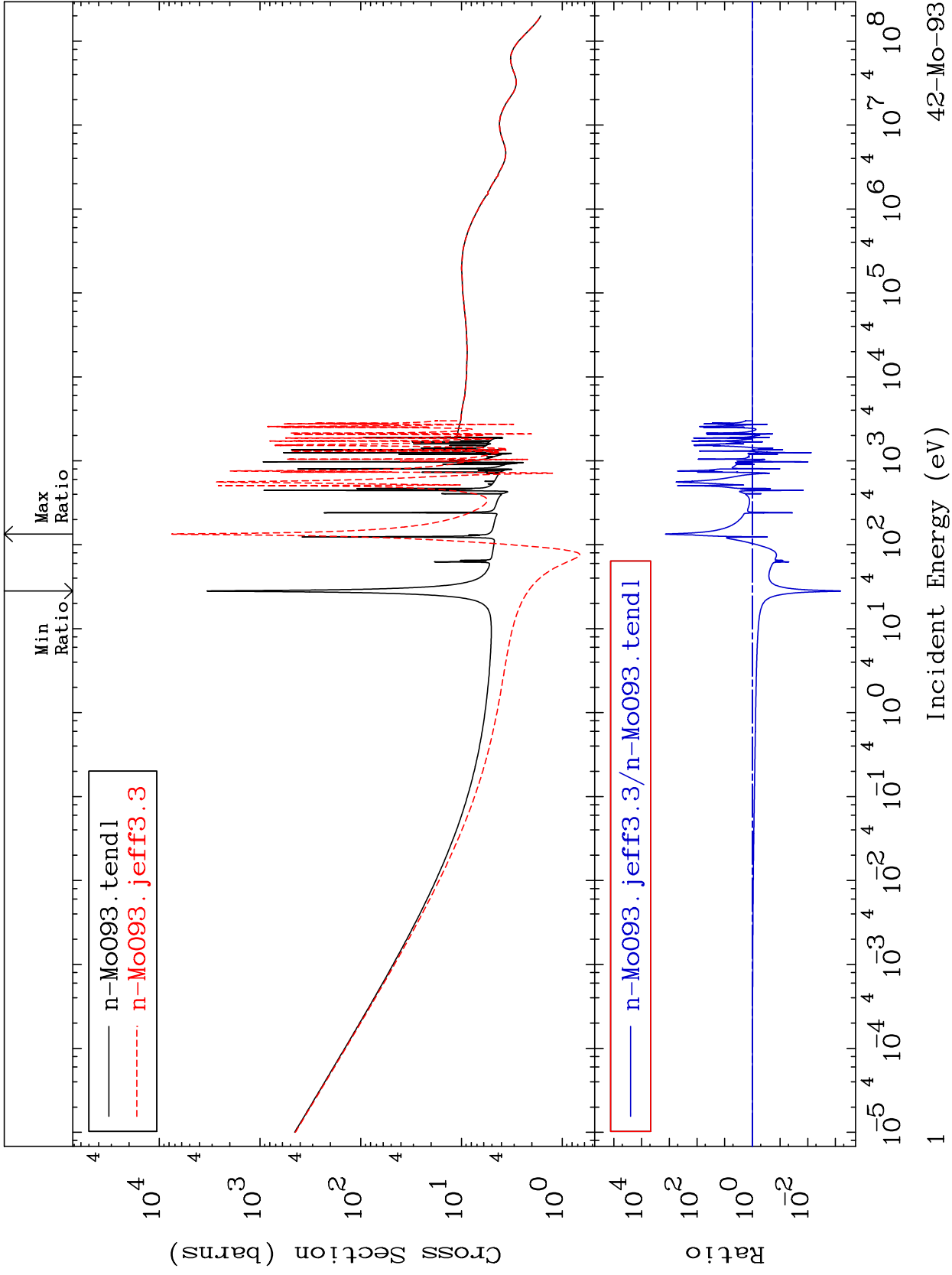


MAT 4228

Total Cross Section  
42-Mo-93  
-99.94 To 9999. %



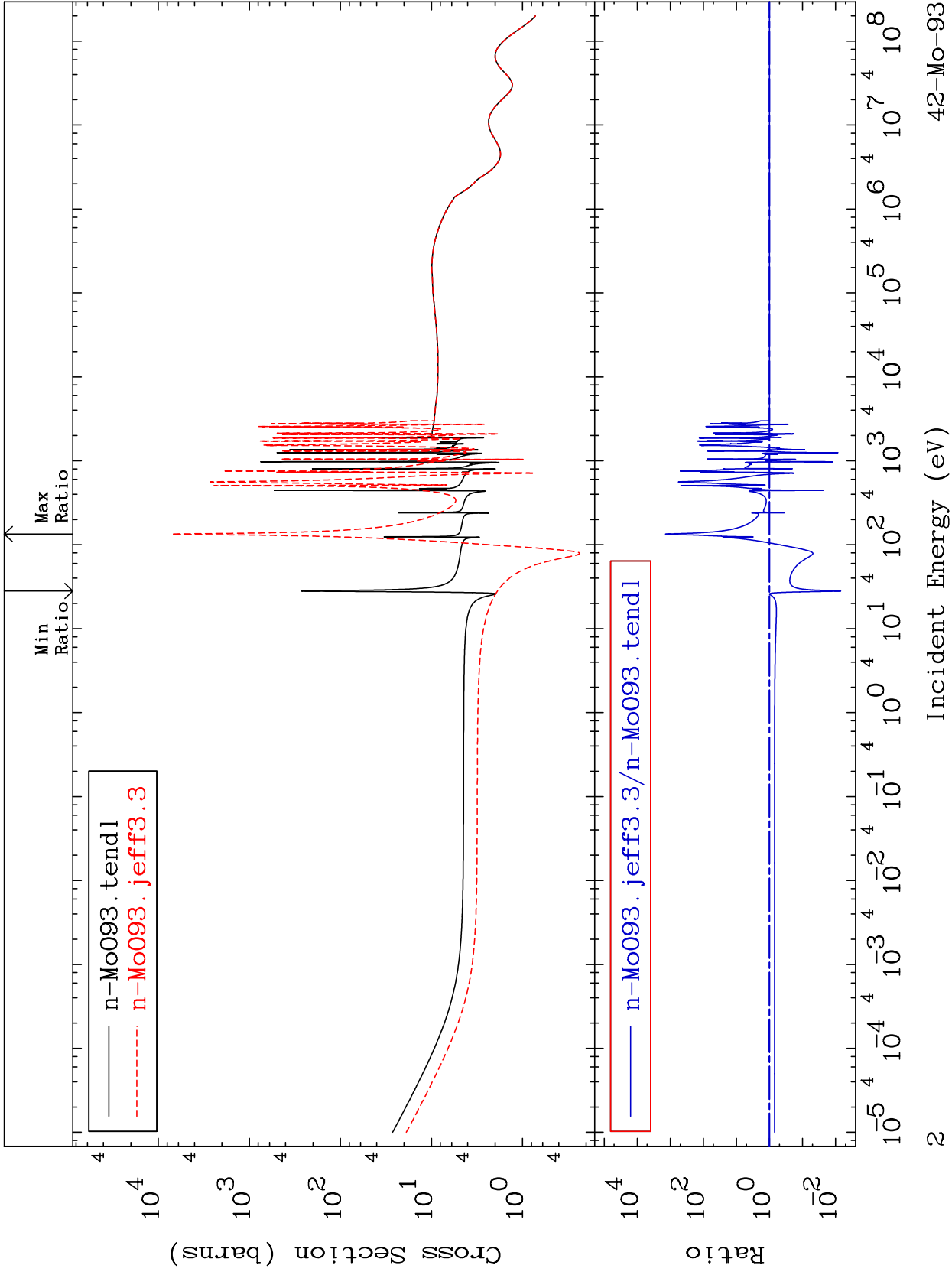
42-Mo-93

MAT 4228

42-Mo-93

-99.30 To 9999. %

Elastic  
Cross Section



42-Mo-93

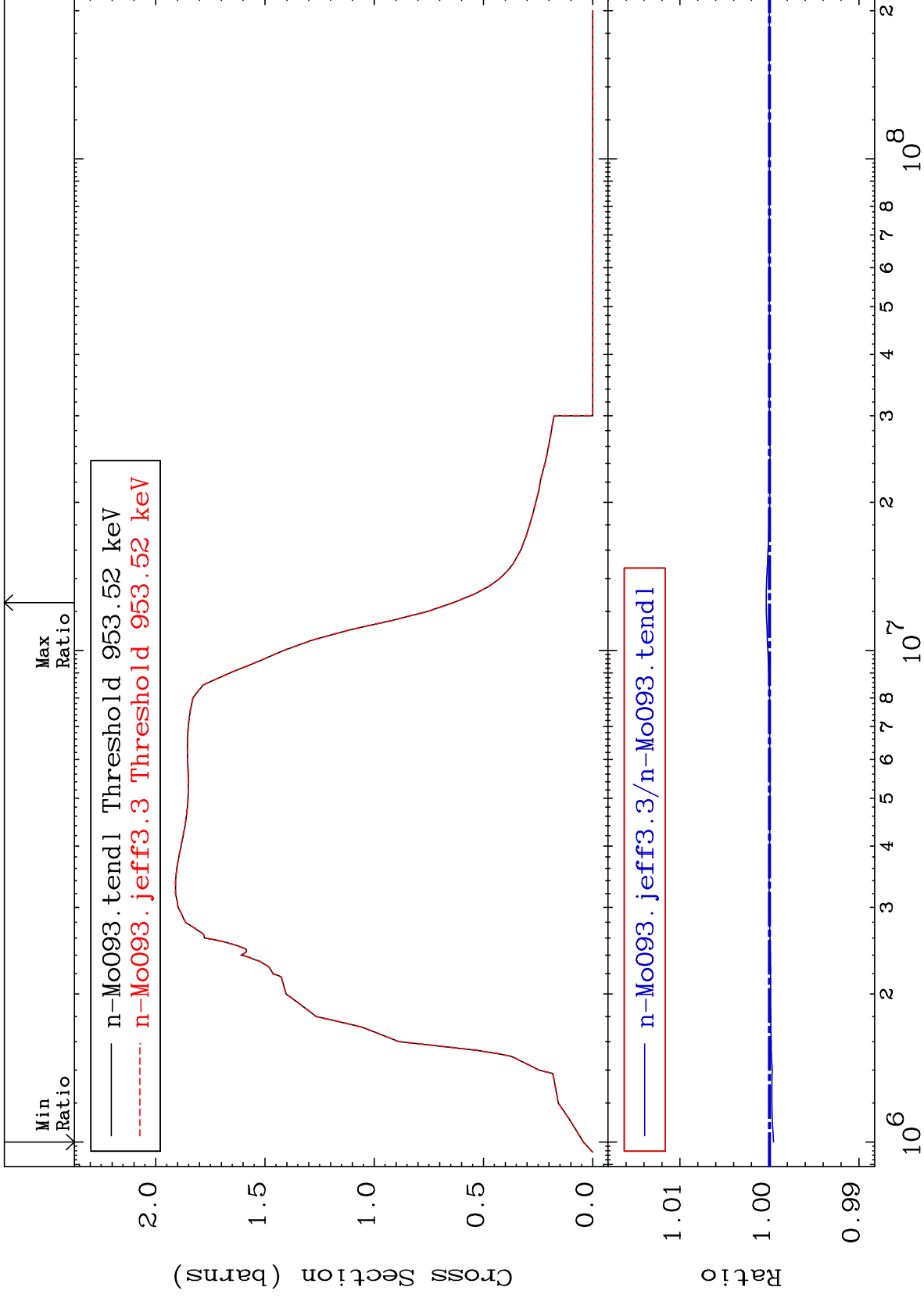
Incident Energy (eV)

2

MAT 4228

Inelastic  
Cross Section

42-Mo-93  
-0.047 To 0.036 %



42-Mo-93

42-Mo-93

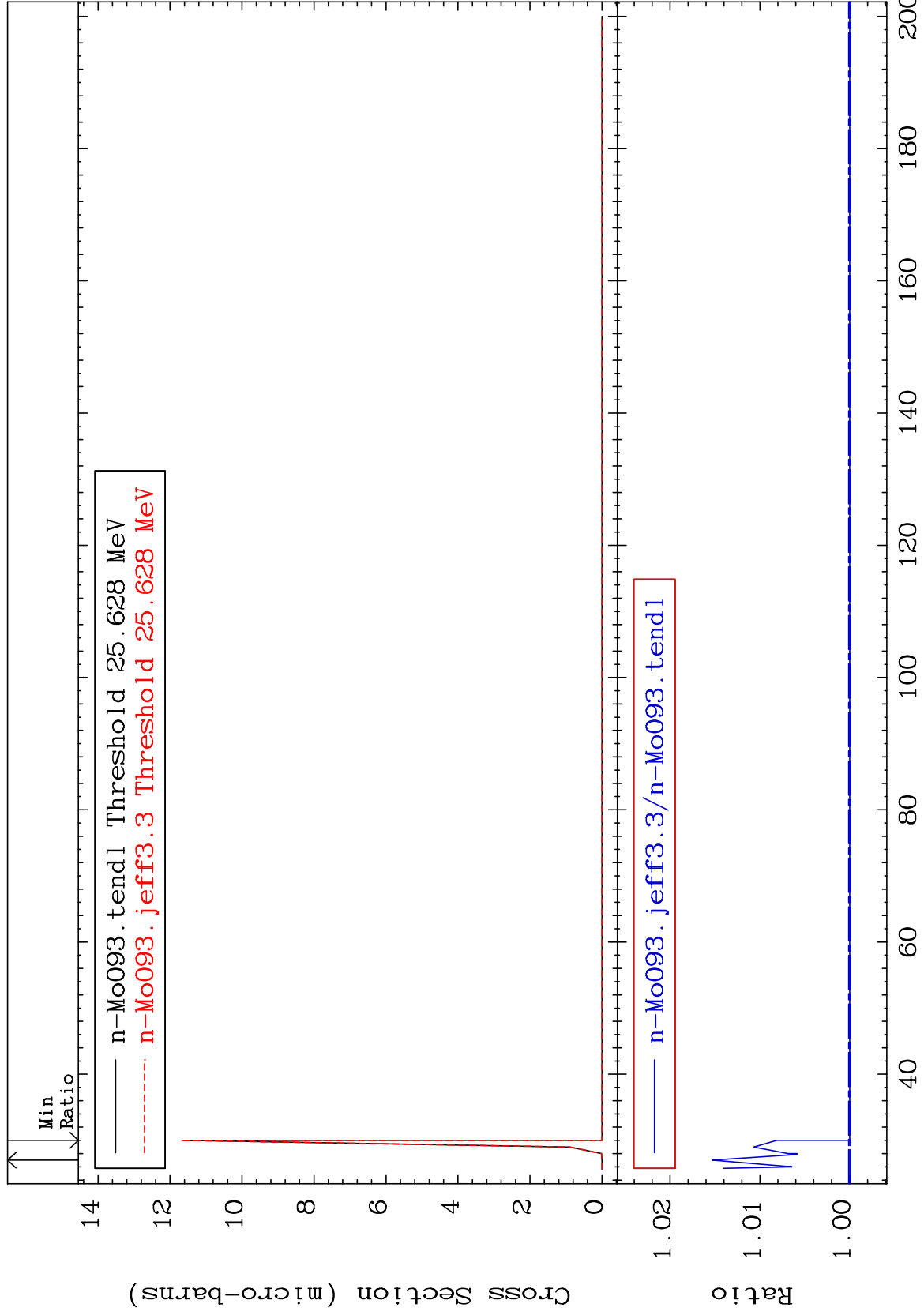
MAT 4228

(n,2n) d

42-Mo-93

Cross Section

0.000 To 1.530 %



42-Mo-93

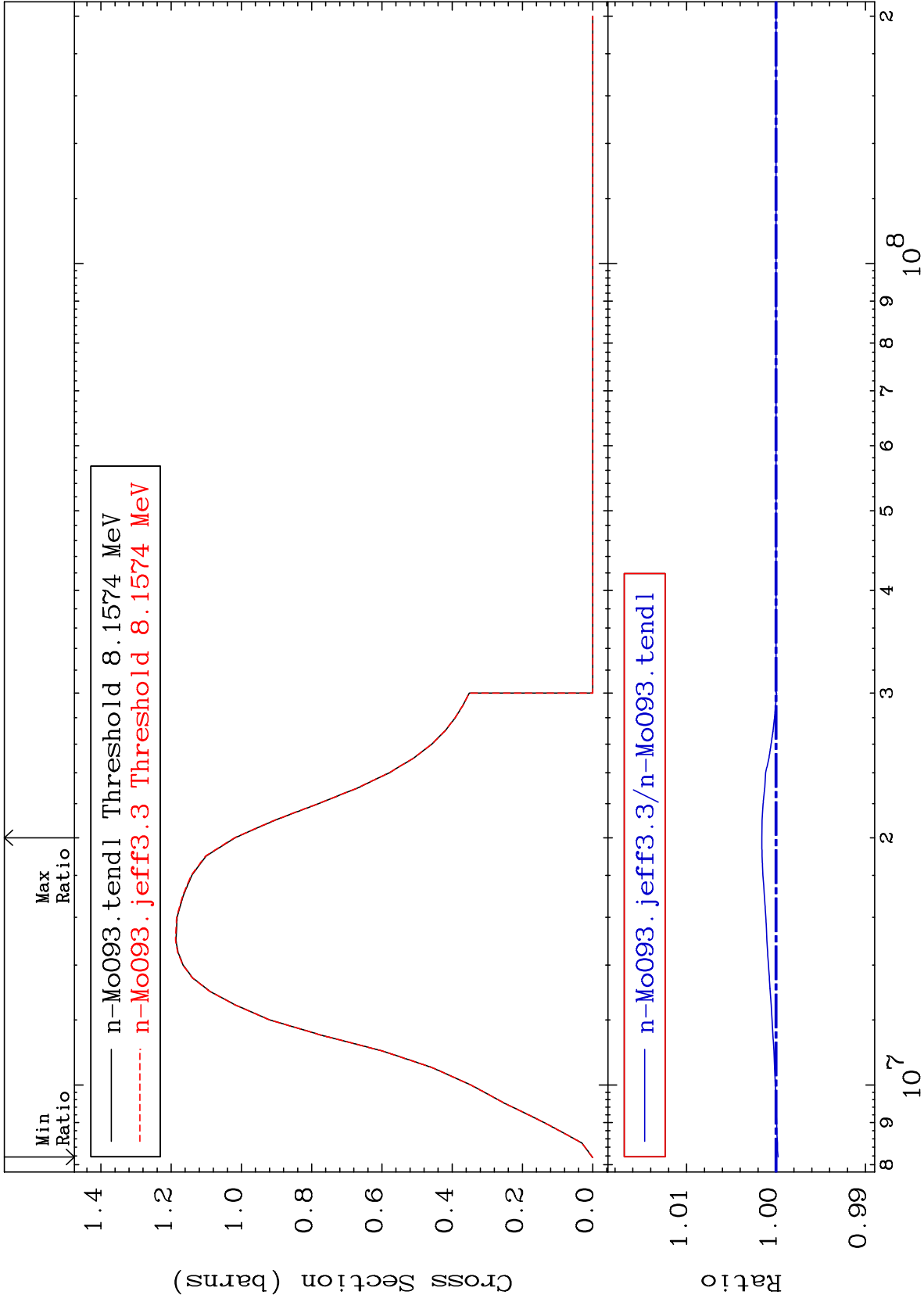
MAT 4228

(n,2n)

42-Mo-93

Cross Section

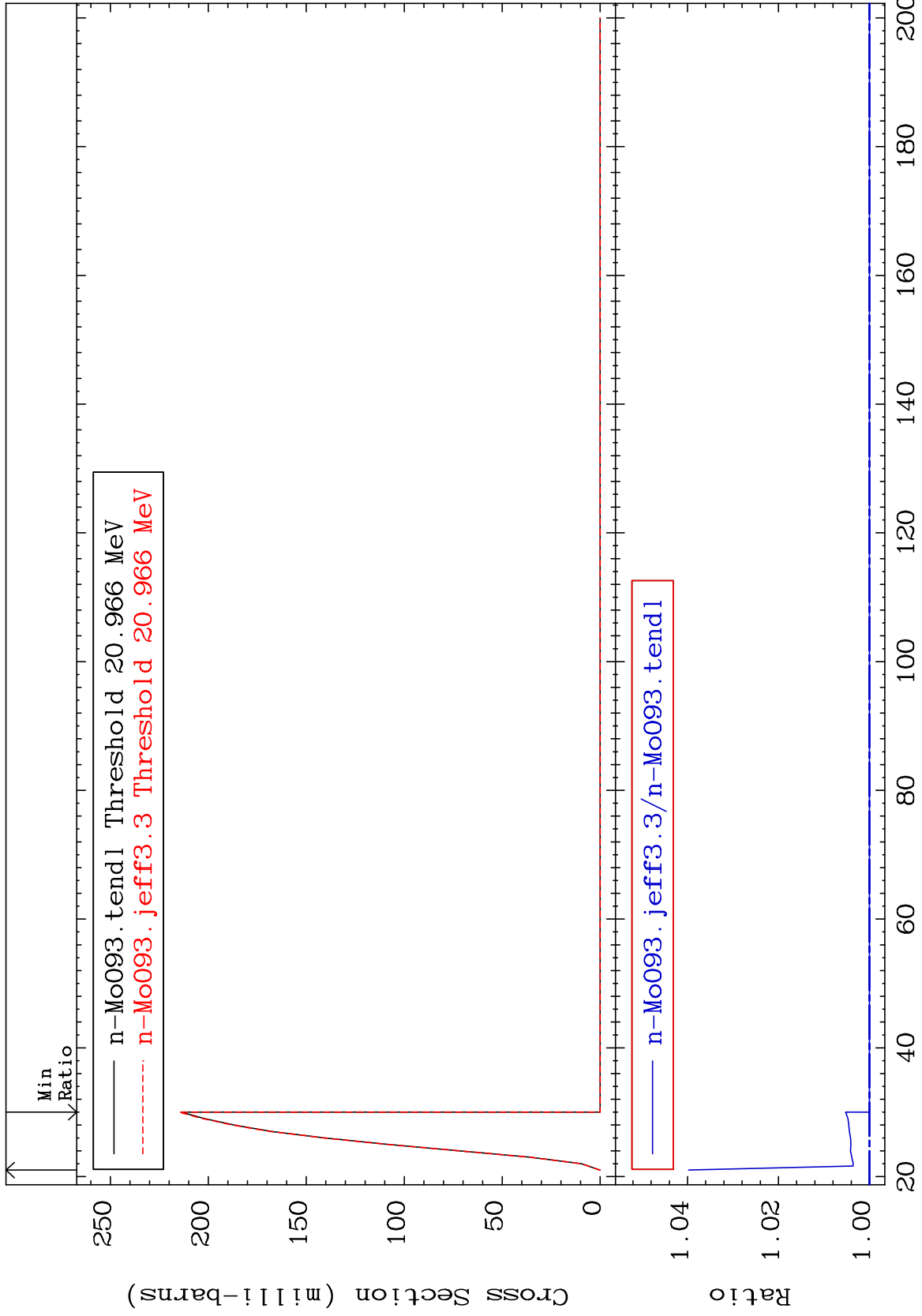
-0.022 To 0.159 %

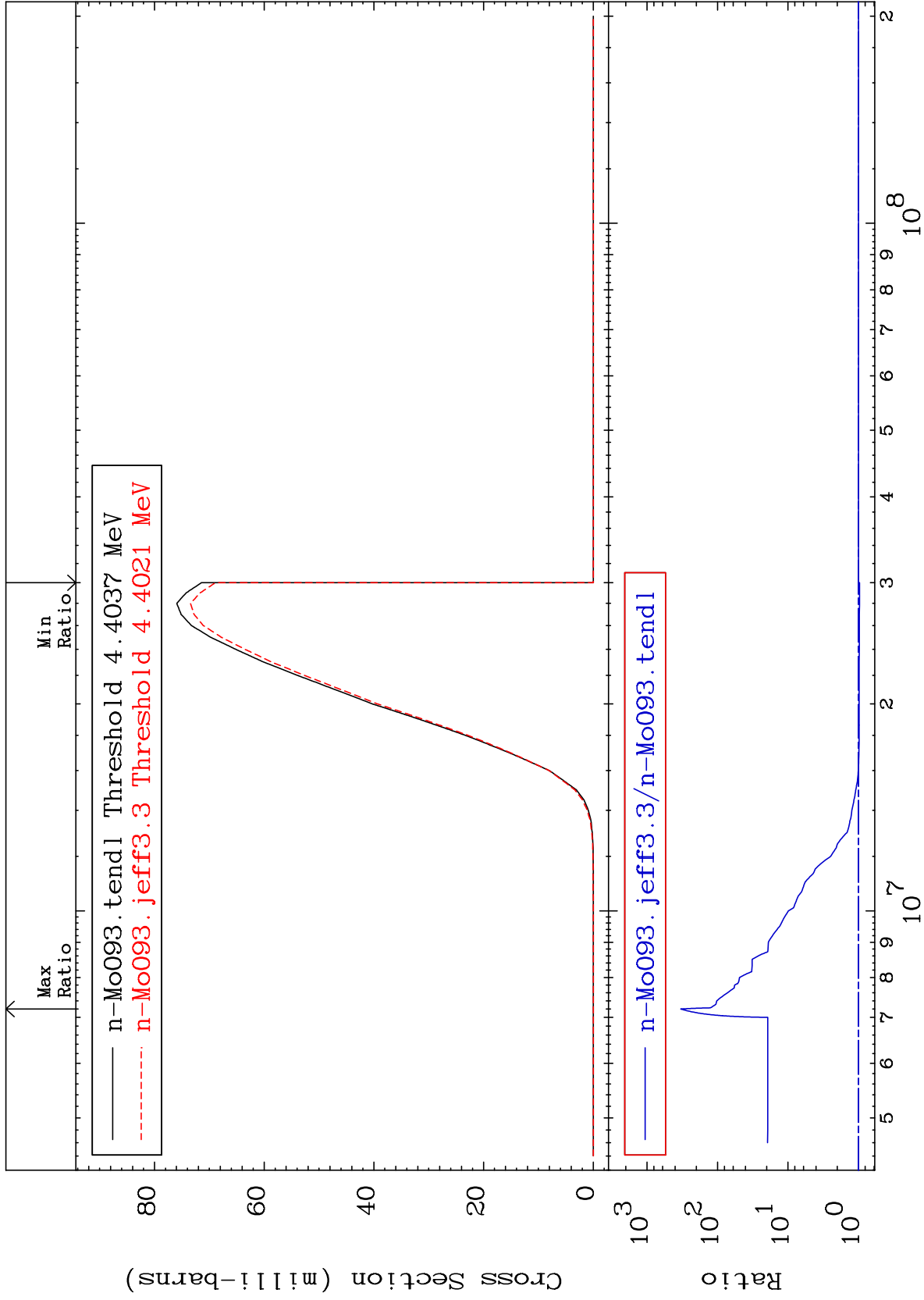


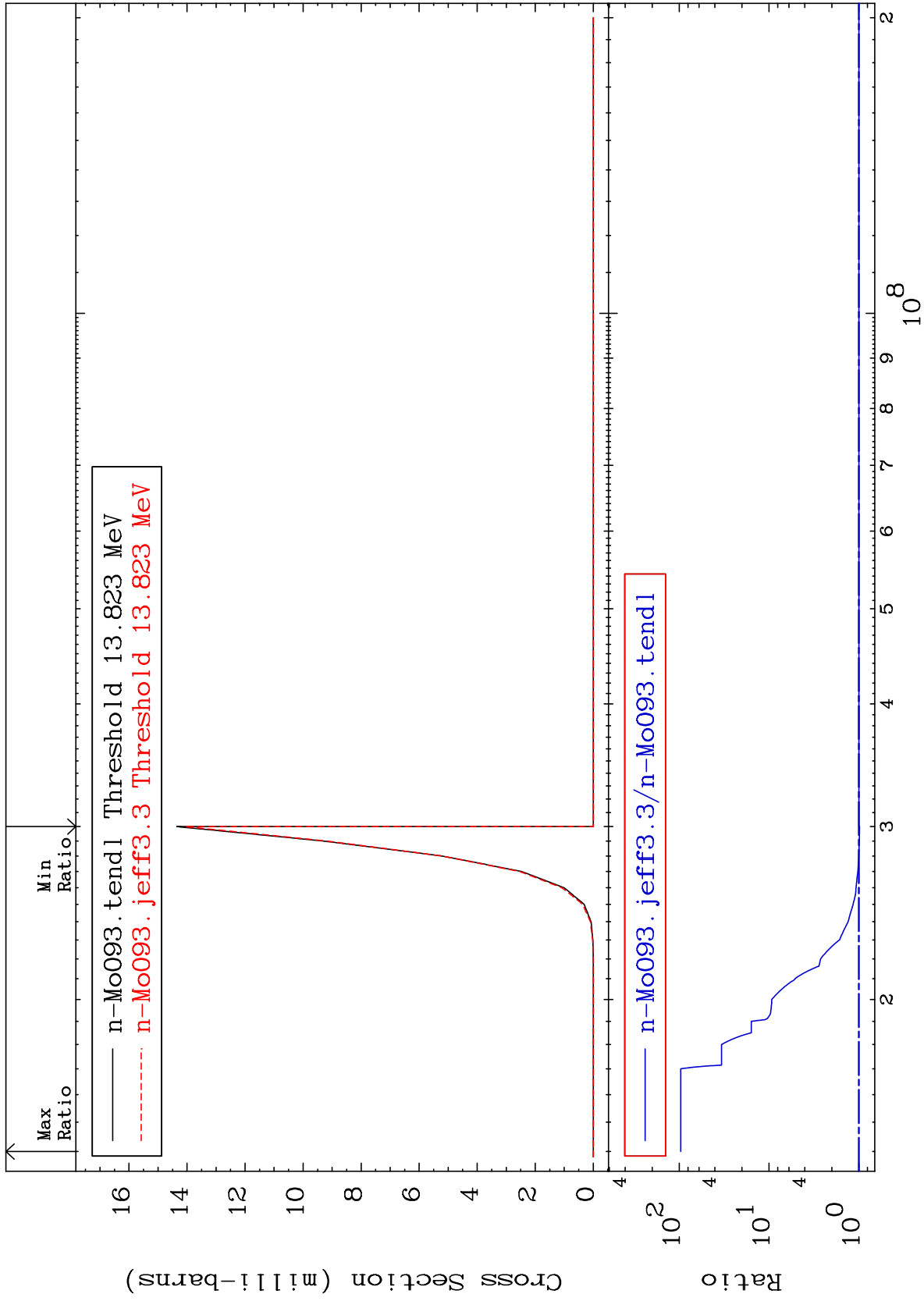
MAT 4228

(n,3n)  
Cross Section

42-Mo-93  
0.000 To 3.976 %





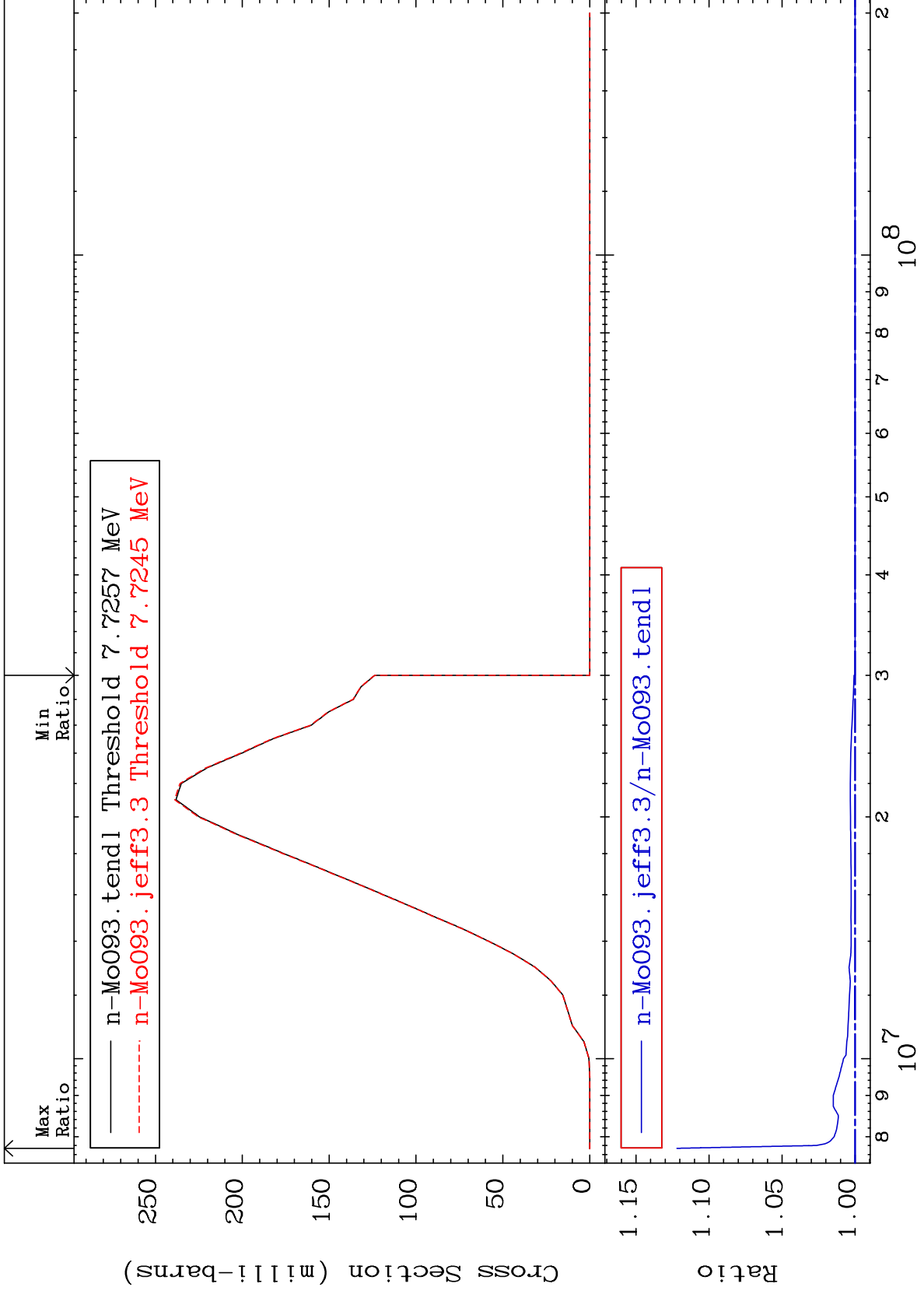




MAT 4228

(n,n') p  
Cross Section

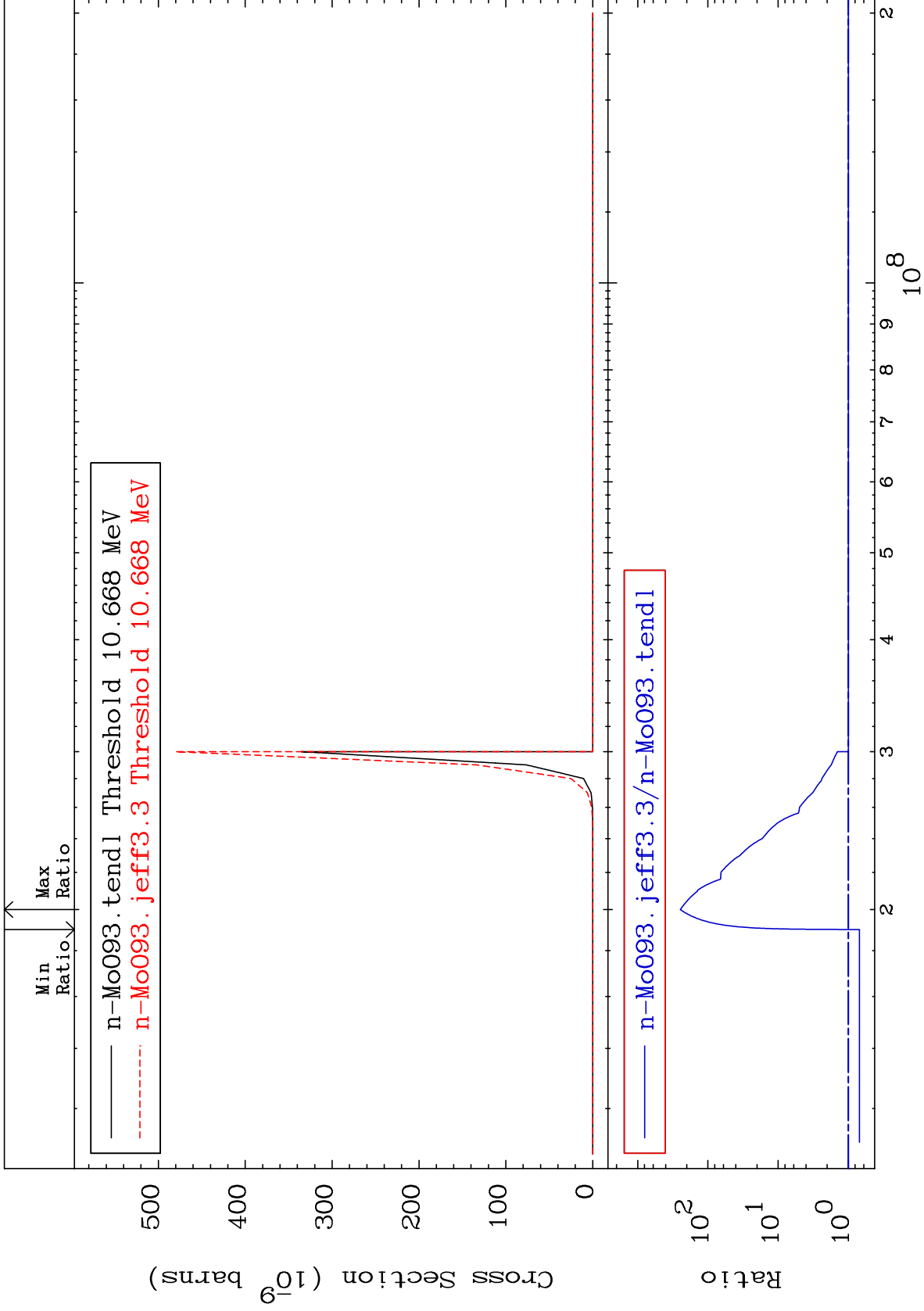
42-Mo-93  
0.000 To 12.20 %



MAT 4228

(n, n') 2α  
Cross Section

42-Mo-93  
-30.55 To 9999. %



10

Incident Energy (eV)

42-Mo-93

MAT 4228

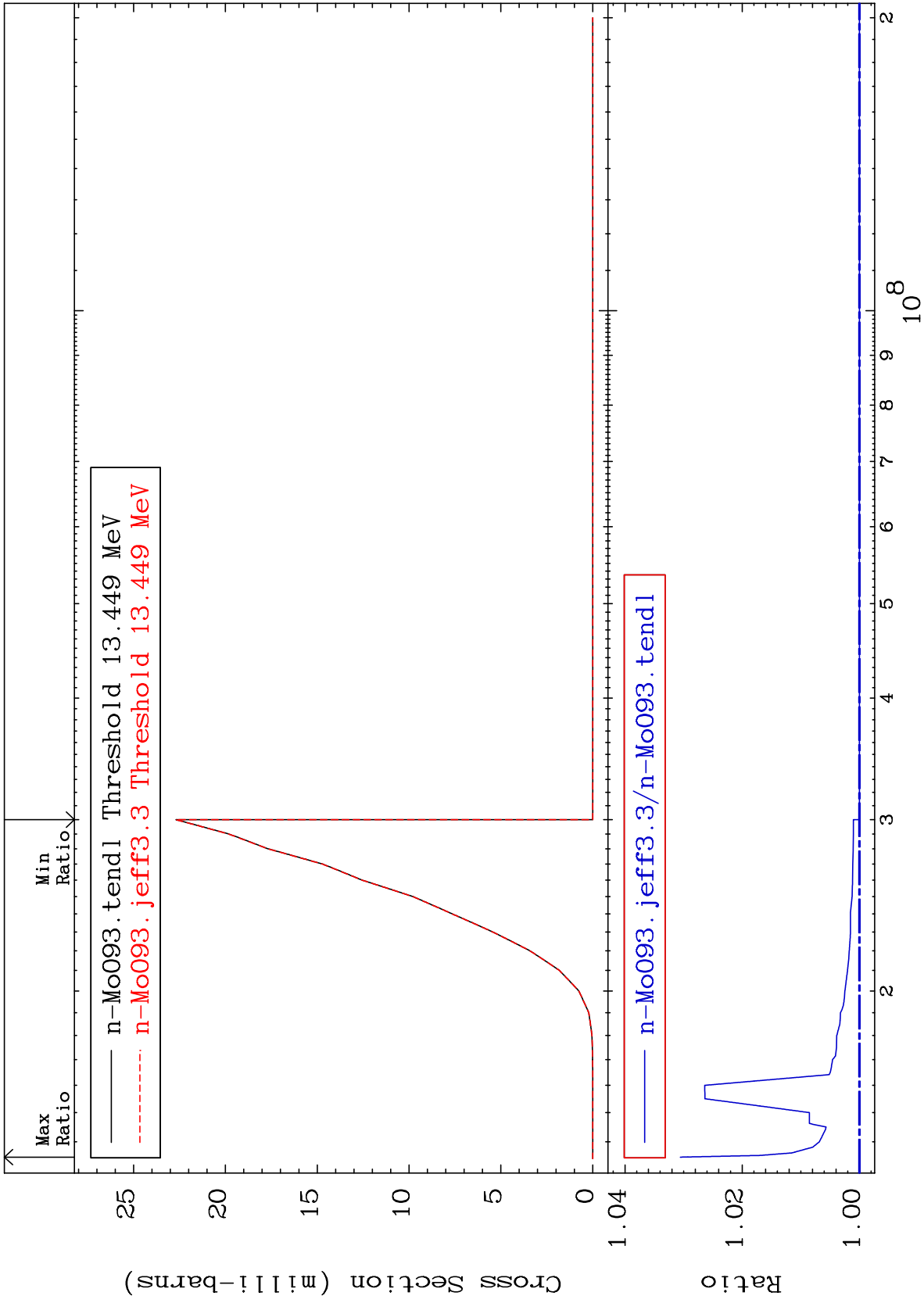
(n, n') d

42-Mo-93

Cross Section

0.000

To 3.055 %



11

Incident Energy (eV)

42-Mo-93

MAT 4228

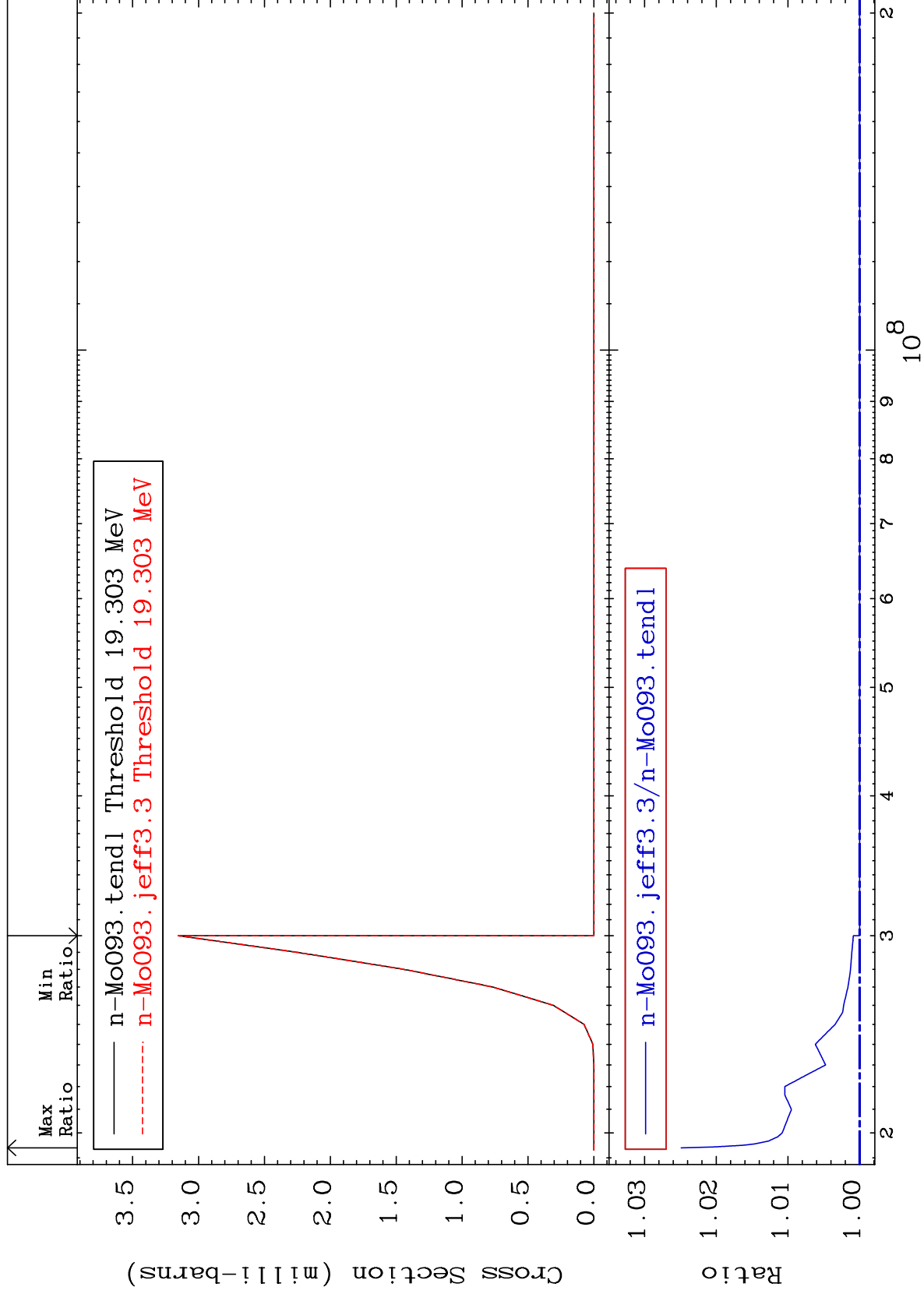
(n,n') t

42-Mo-93

Cross Section

0.000

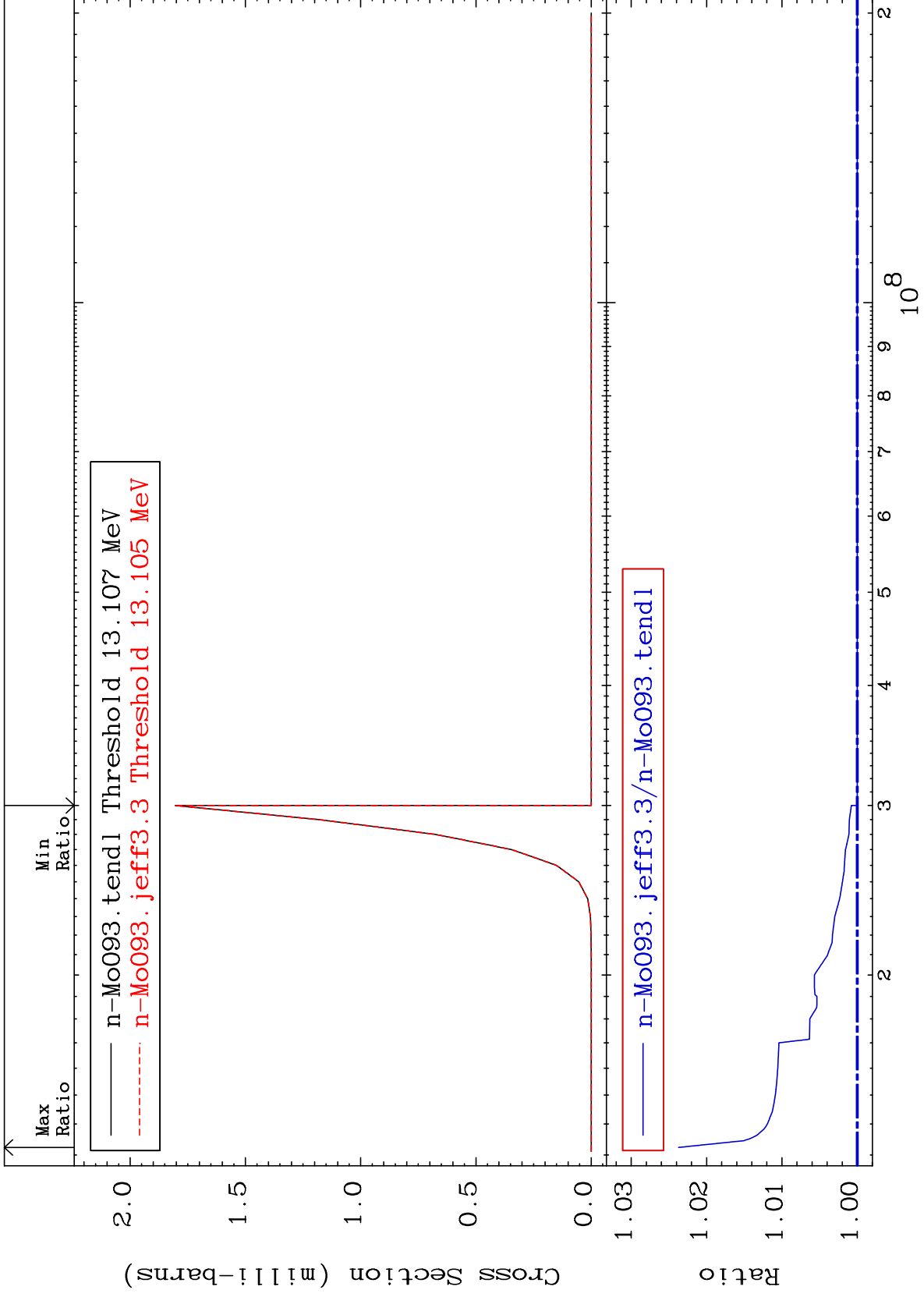
To 2.489 %



12

Incident Energy (eV)

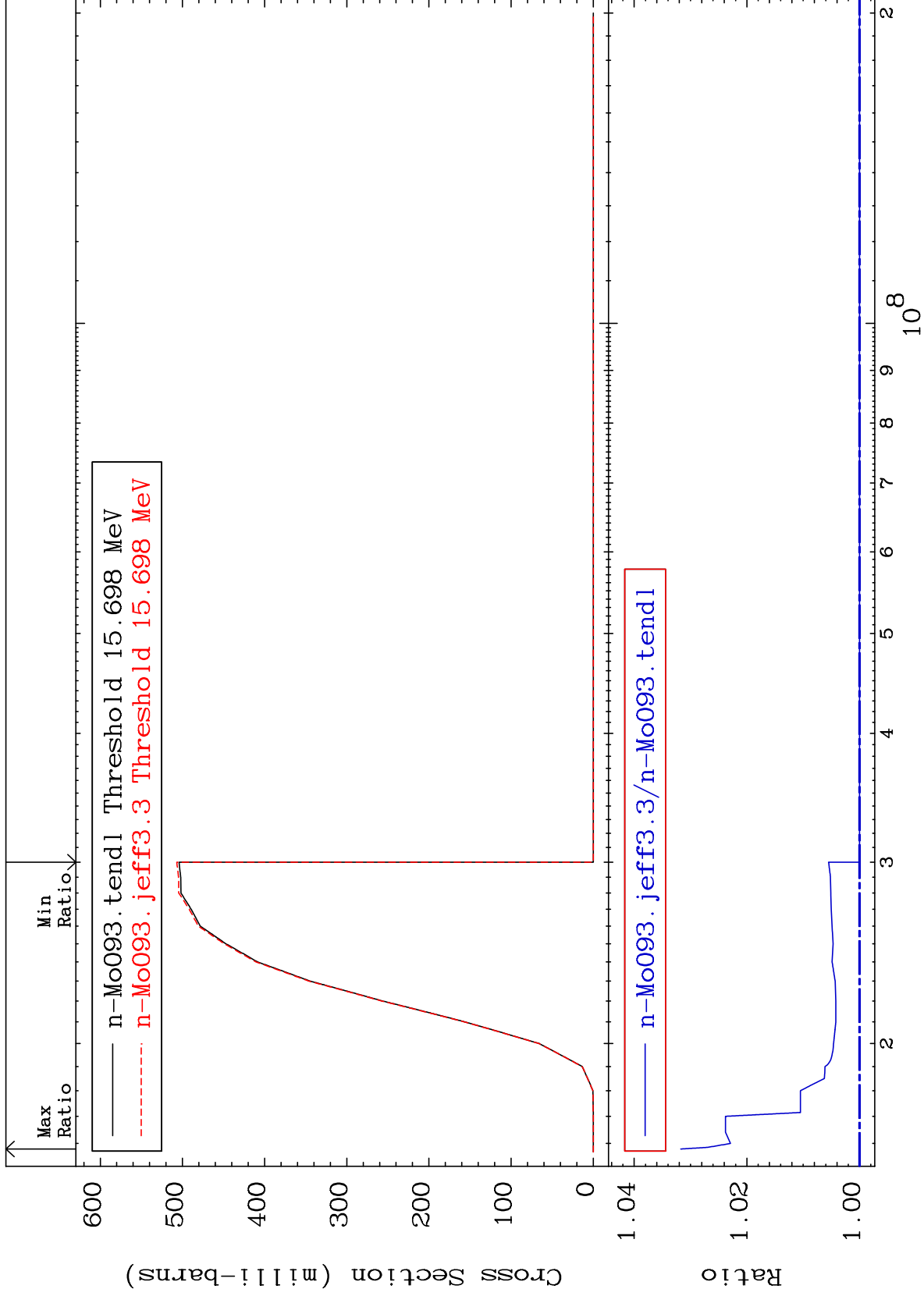
42-Mo-93



MAT 4228

(n,2n) p  
Cross Section

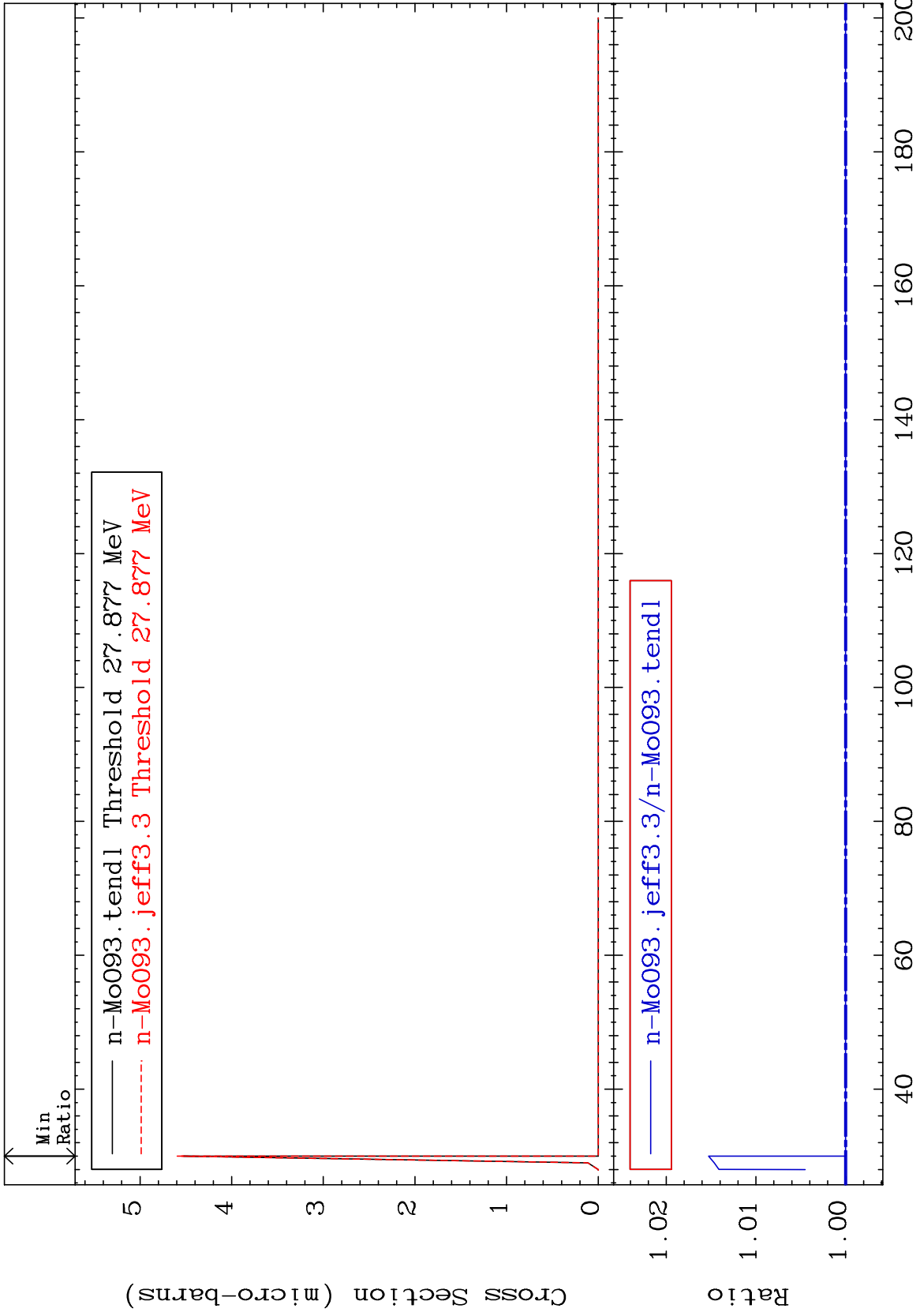
42-Mo-93  
0.000 To 3.173 %

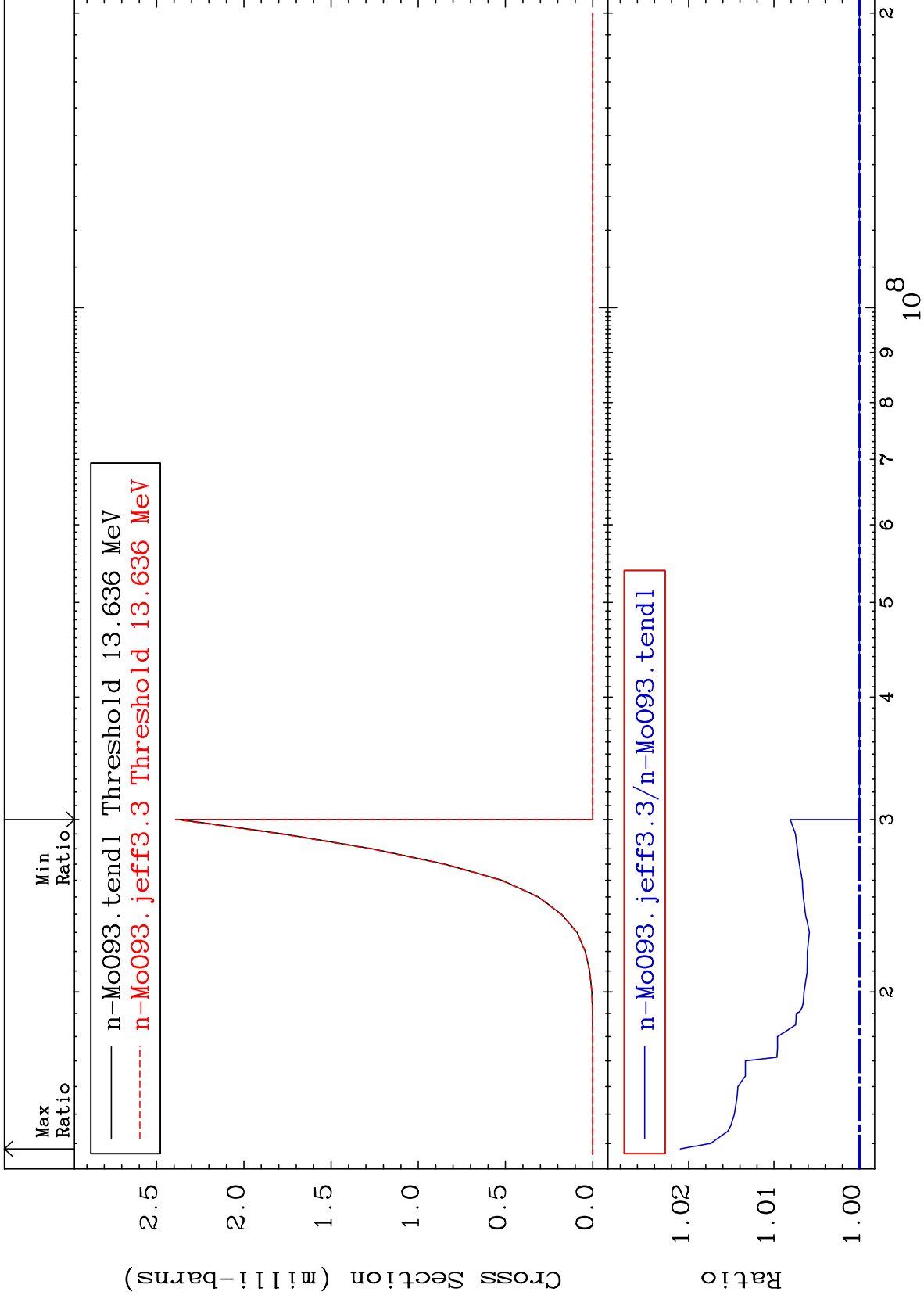


MAT 4228

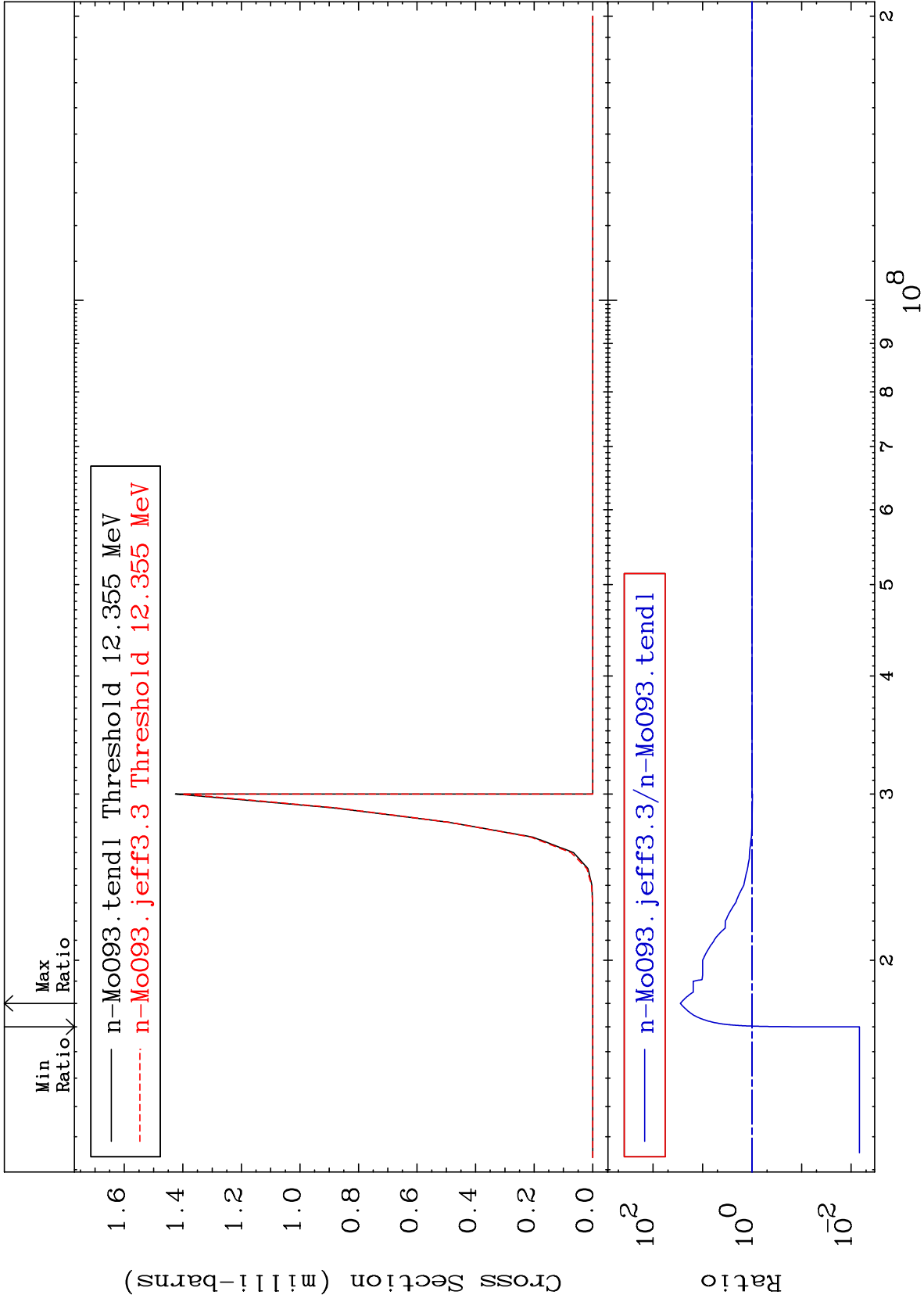
(n,3n) p  
Cross Section

42-Mo-93  
0.000 To 1.528 %





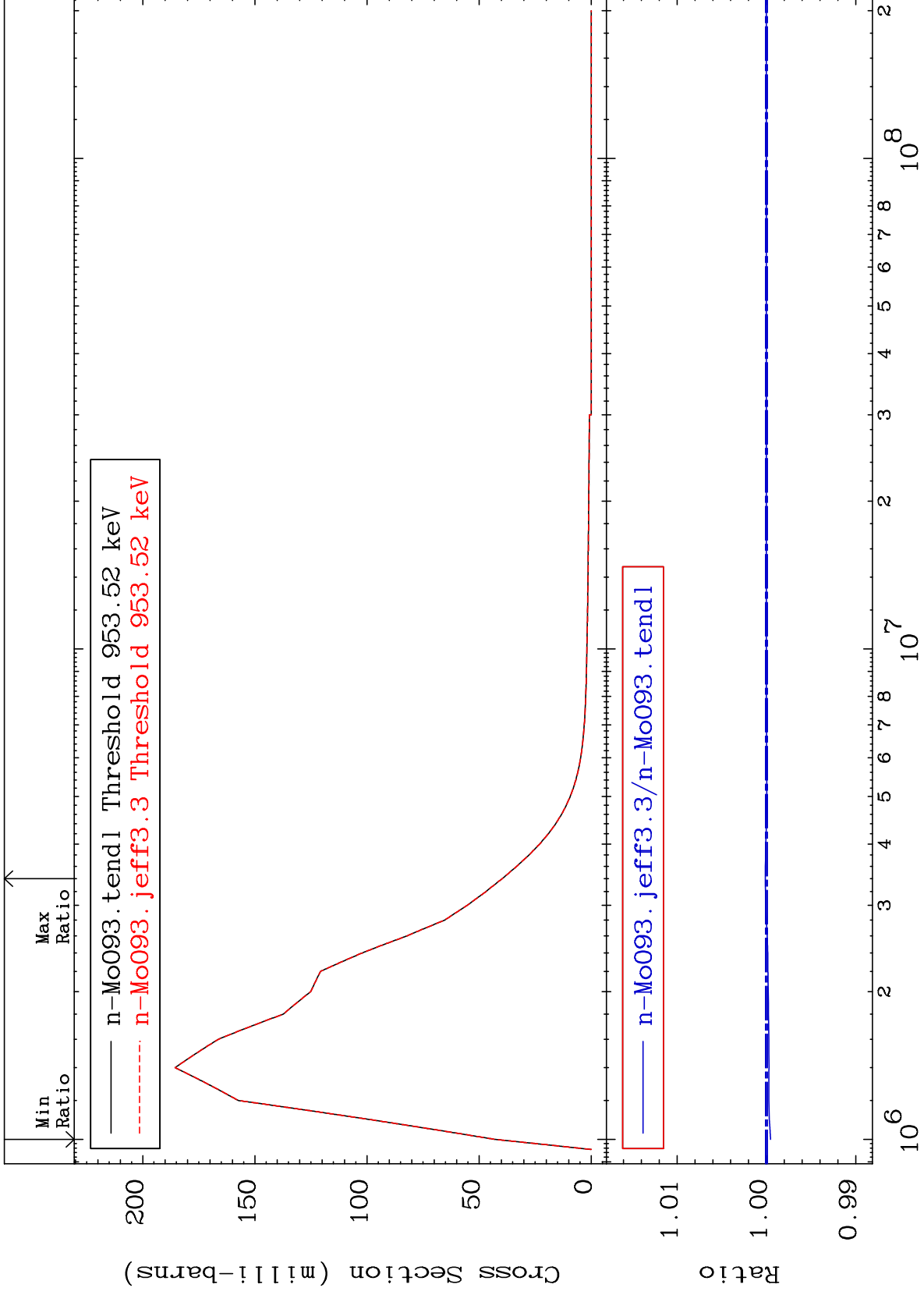




MAT 4228

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

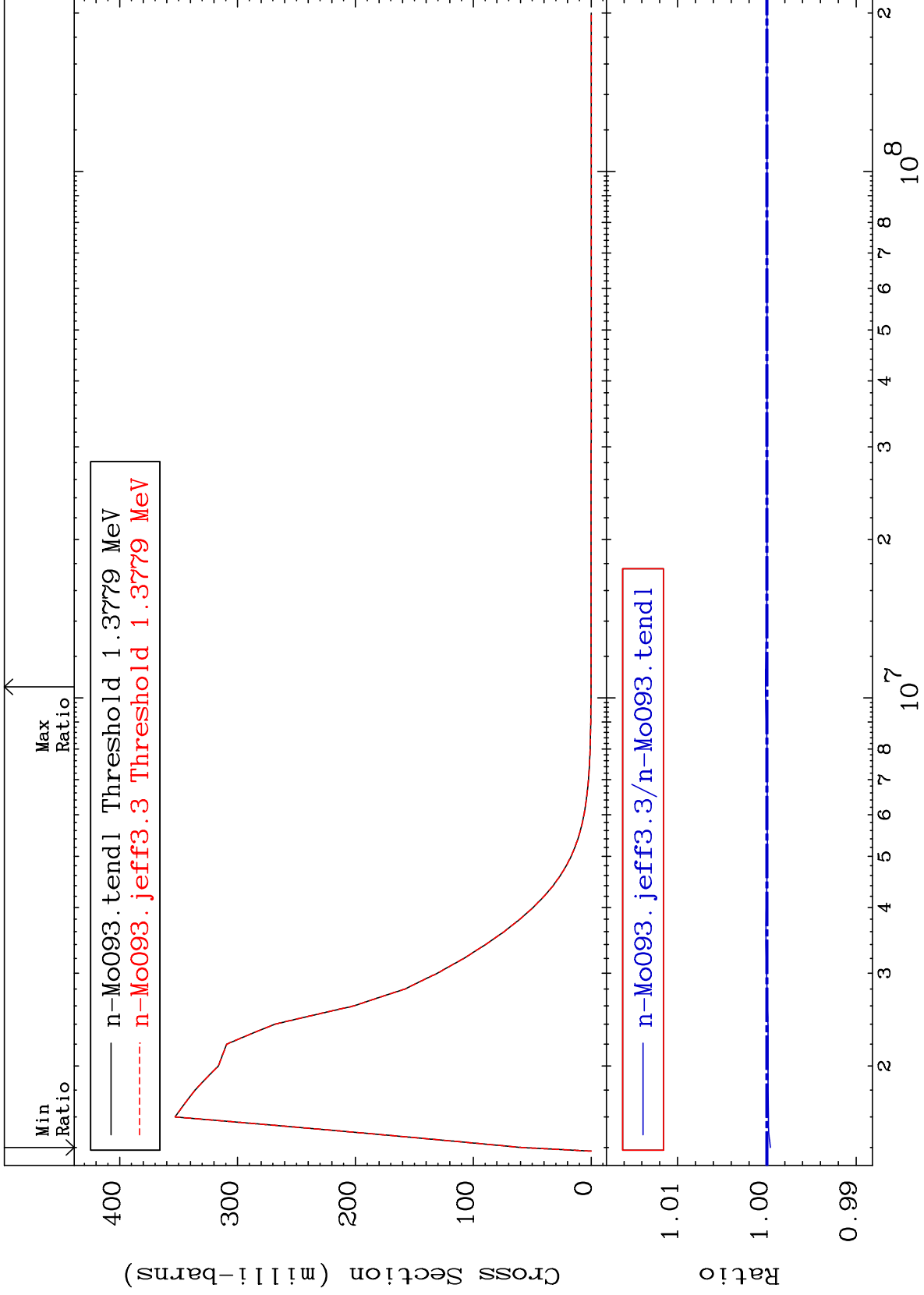
42-Mo-93  
-0.047 To 0.012 %



18

Incident Energy (eV)

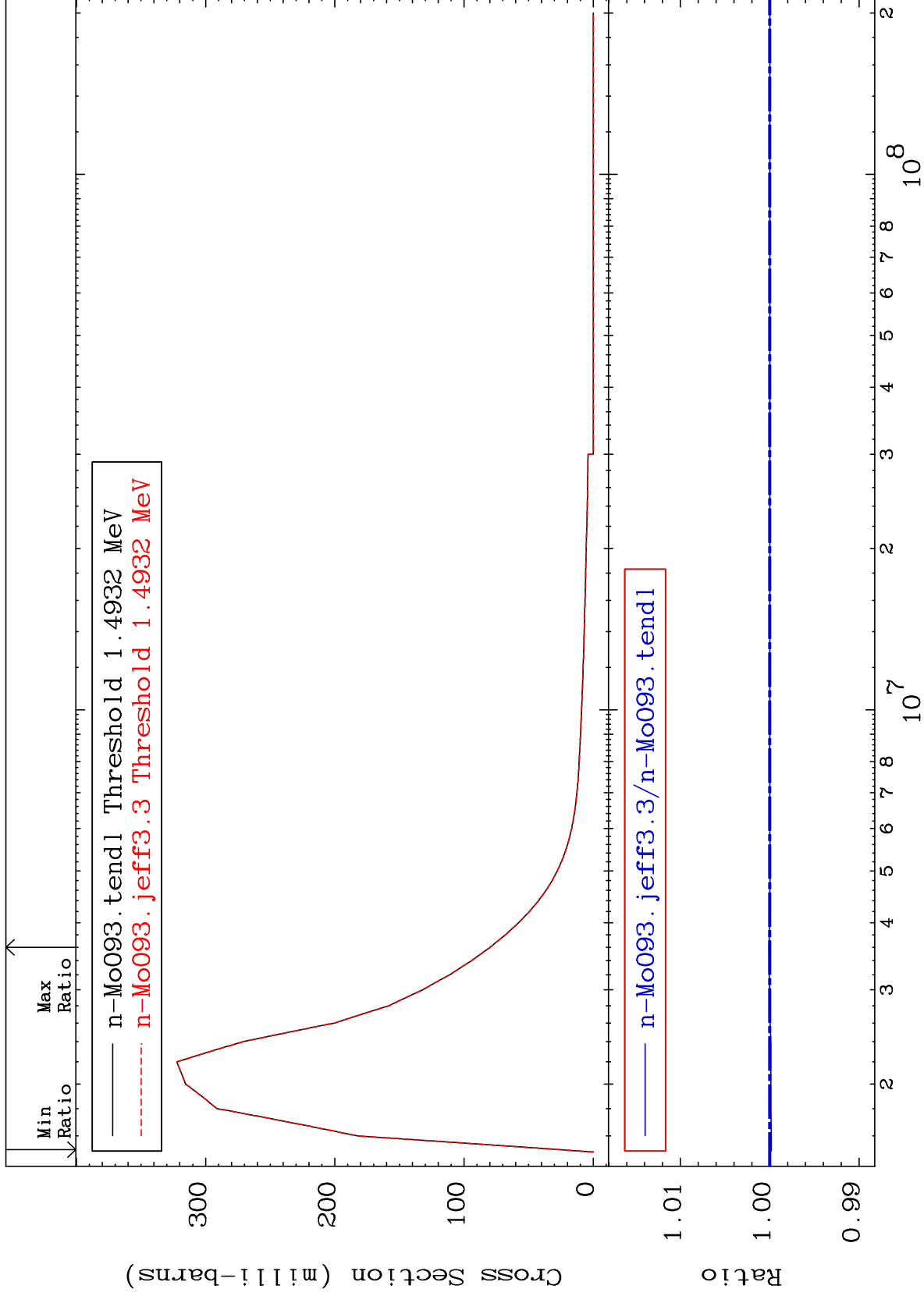
42-Mo-93



MAT 4228

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

42-Mo-93  
-0.016 To 0.007 %



20

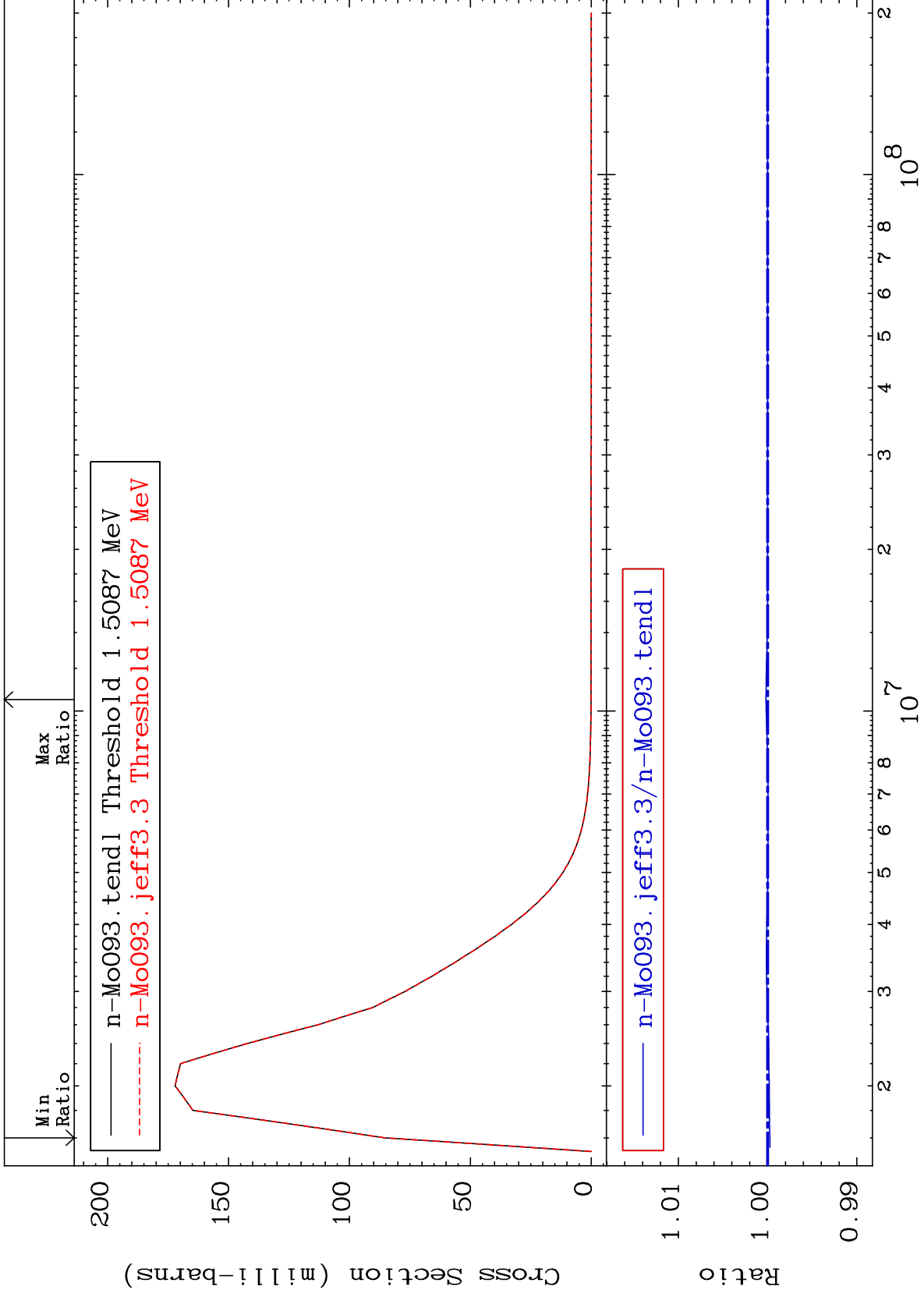
Incident Energy (eV)

42-Mo-93

MAT 4228

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

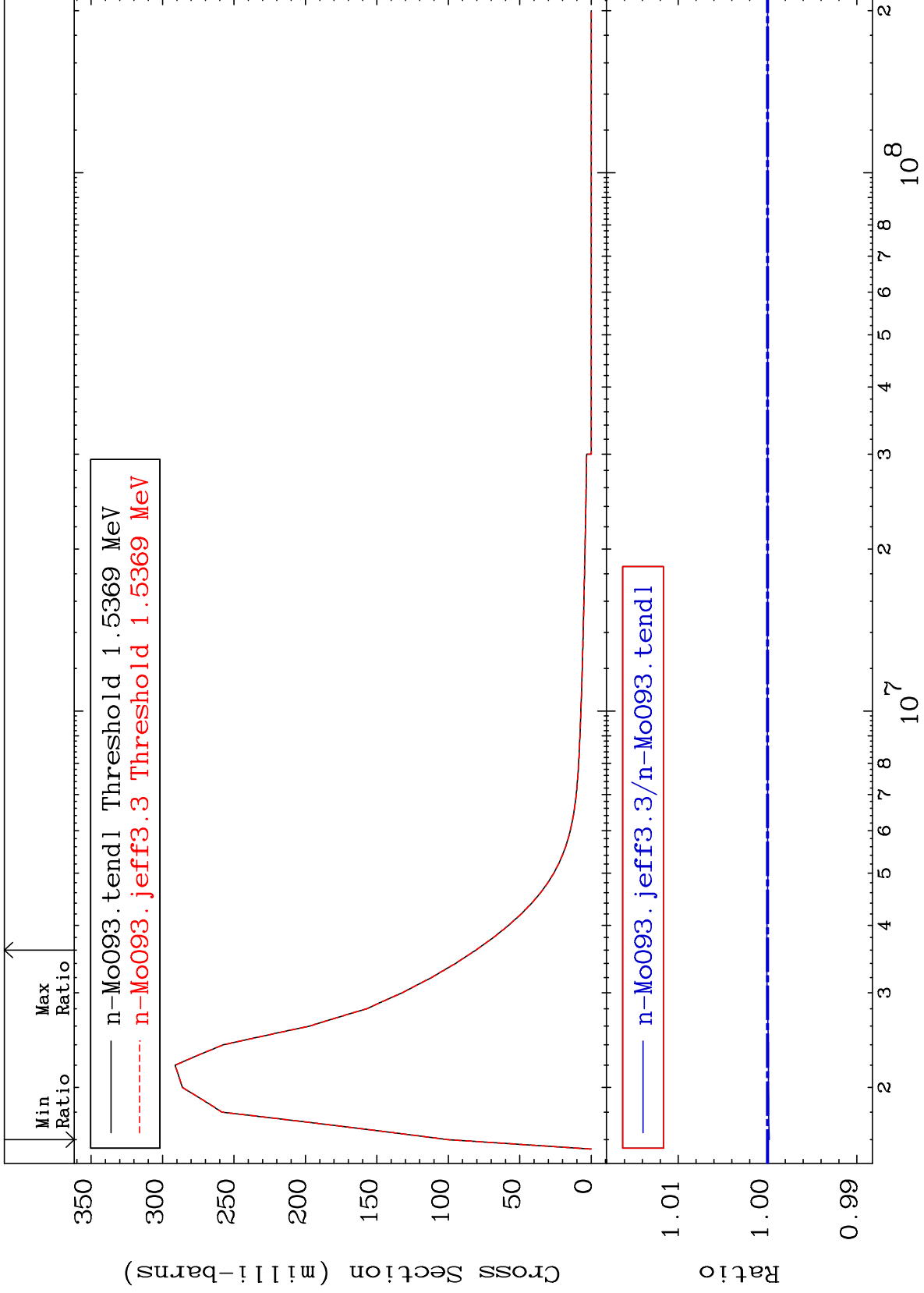
42-Mo-93  
-0.025 To 0.018 %

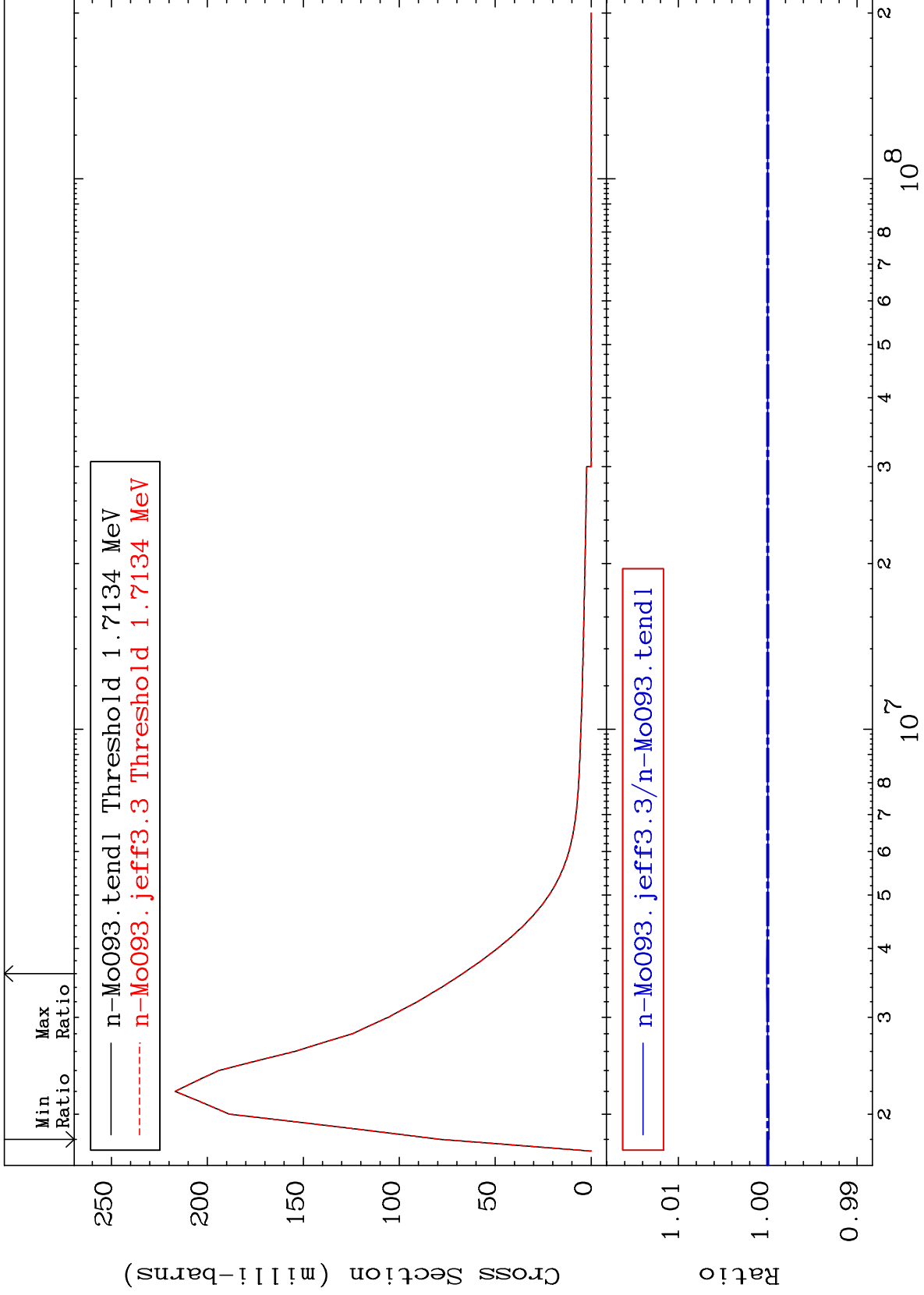


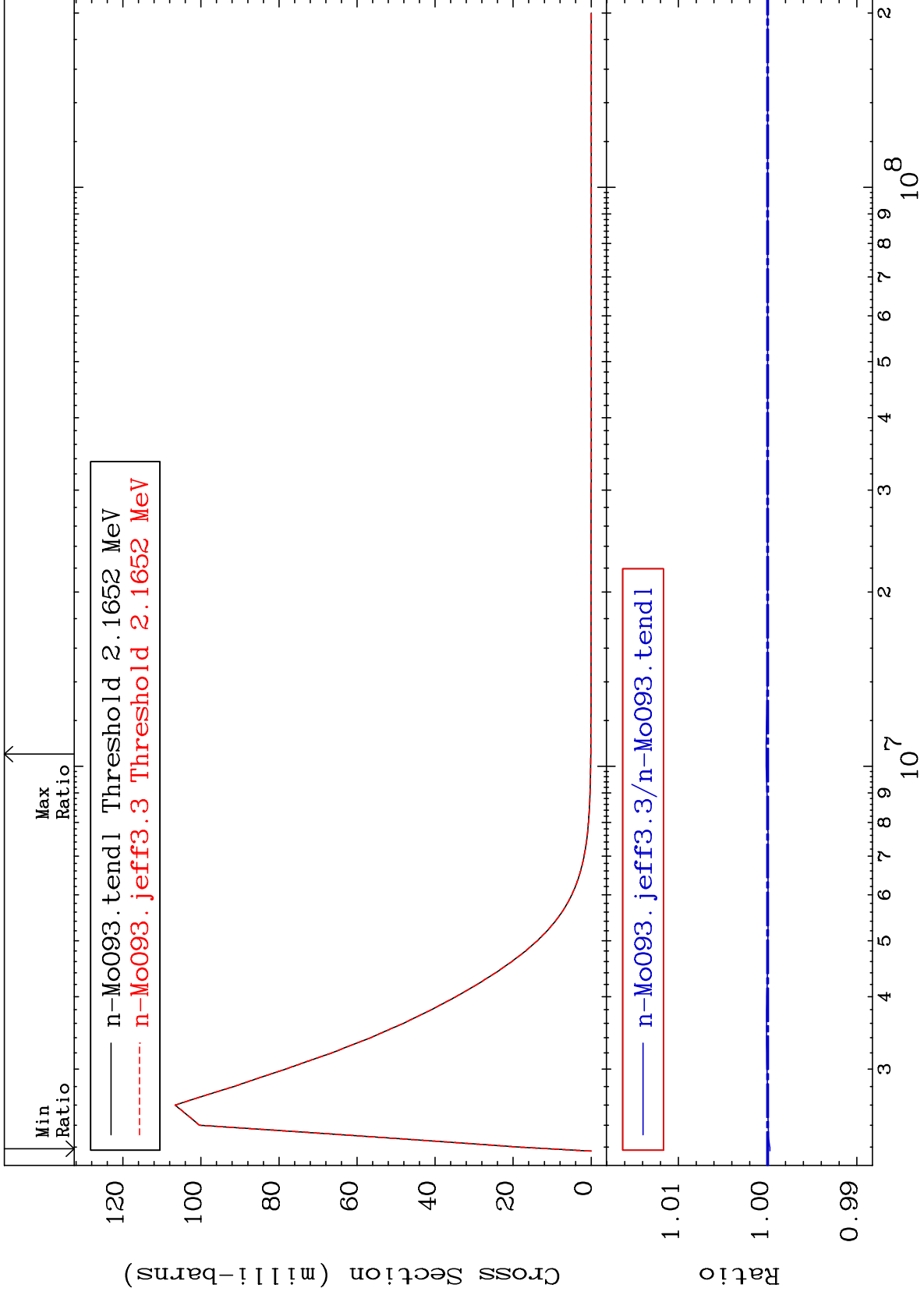
MAT 4228

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

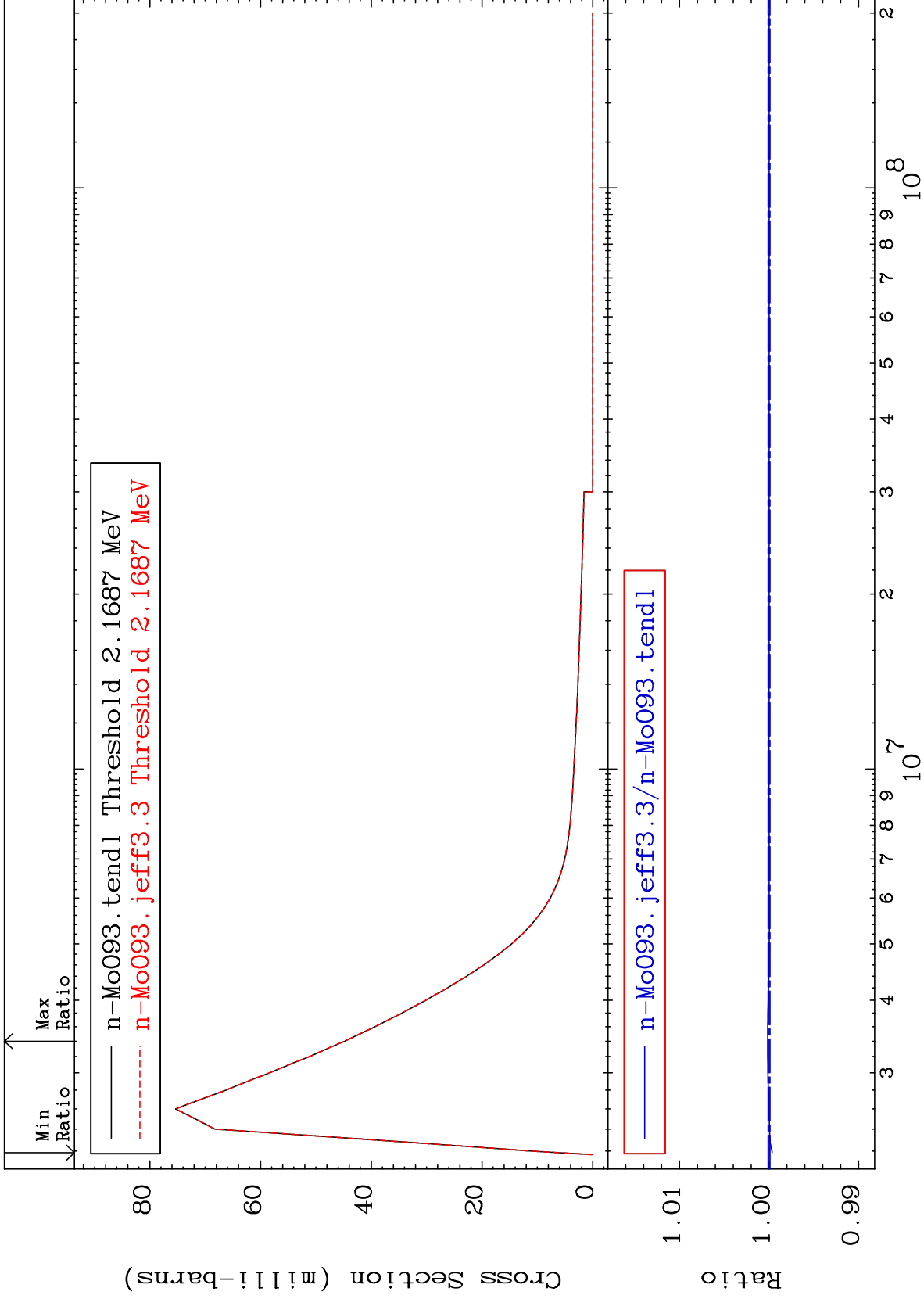
42-Mo-93  
-0.019 To 0.009 %

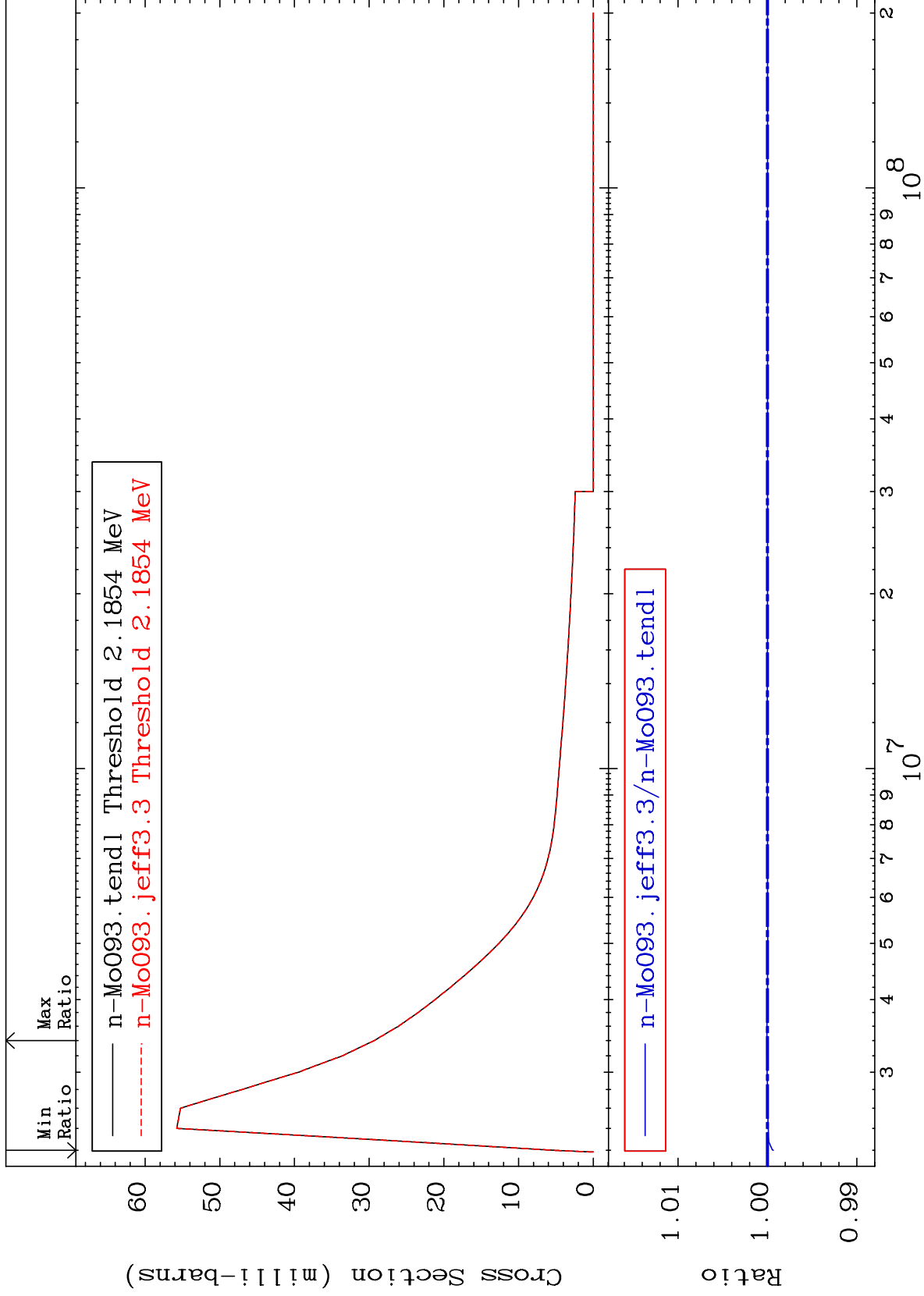








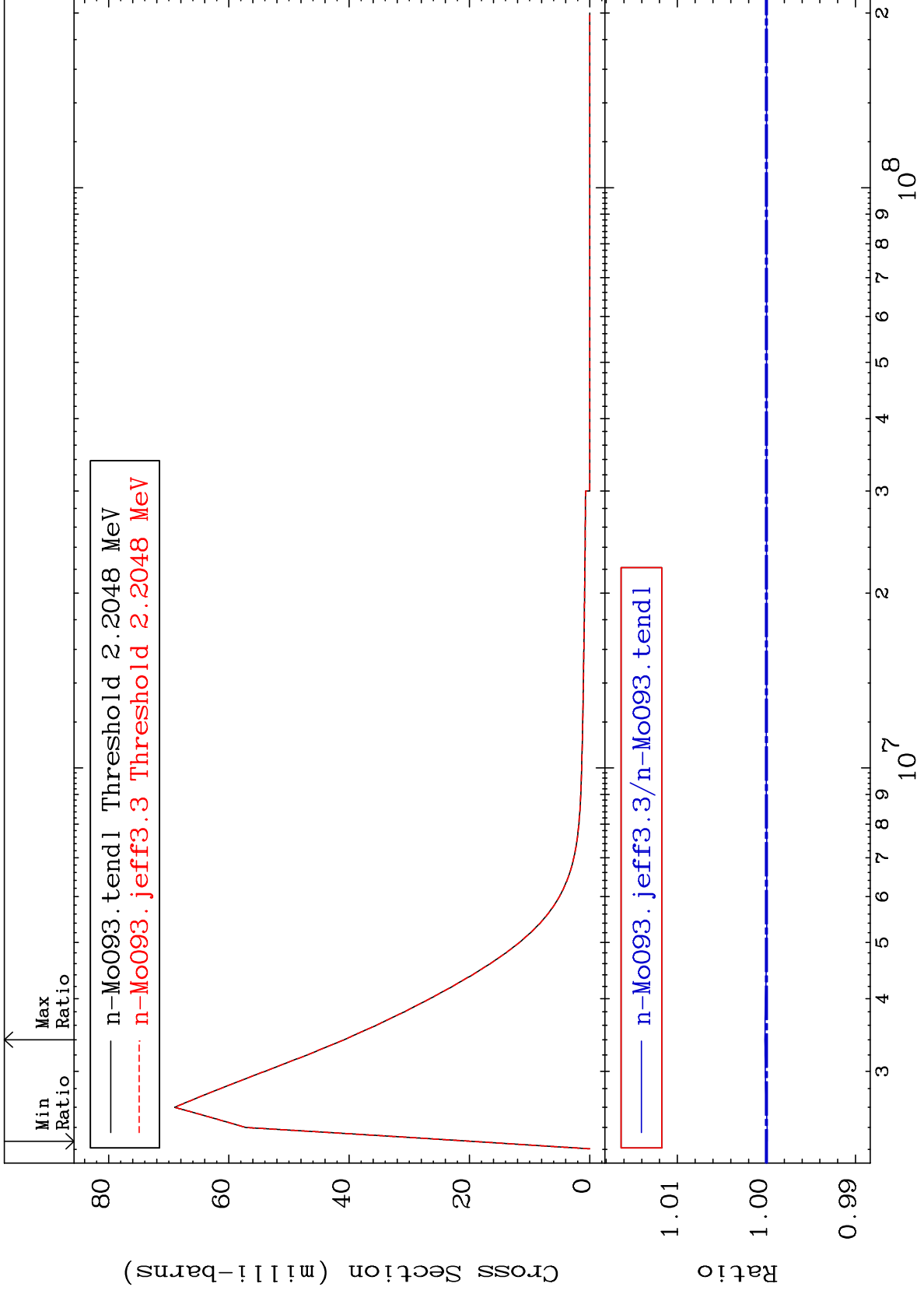


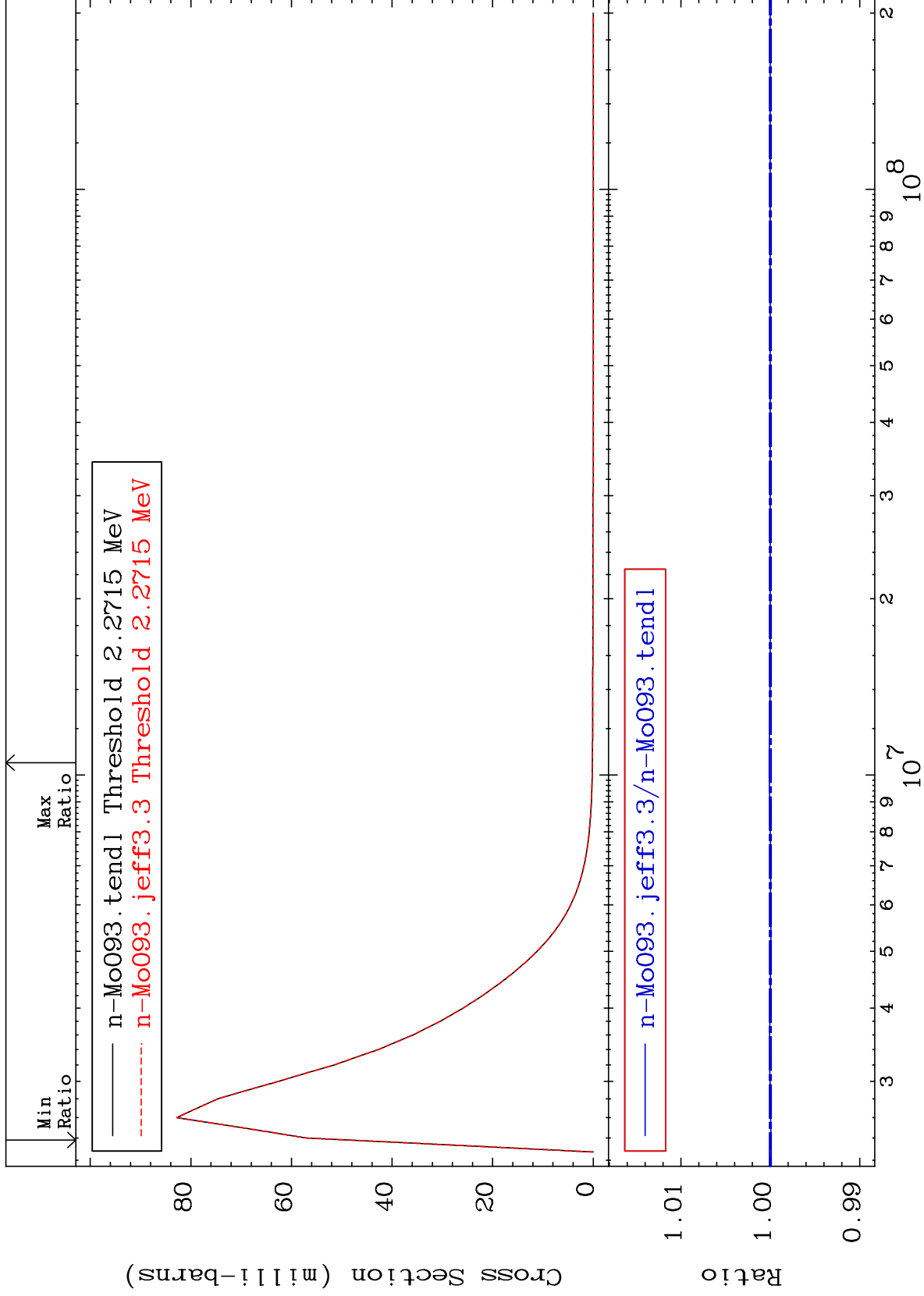


MAT 4228

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

42-Mo-93  
-0.007 To 0.017 %

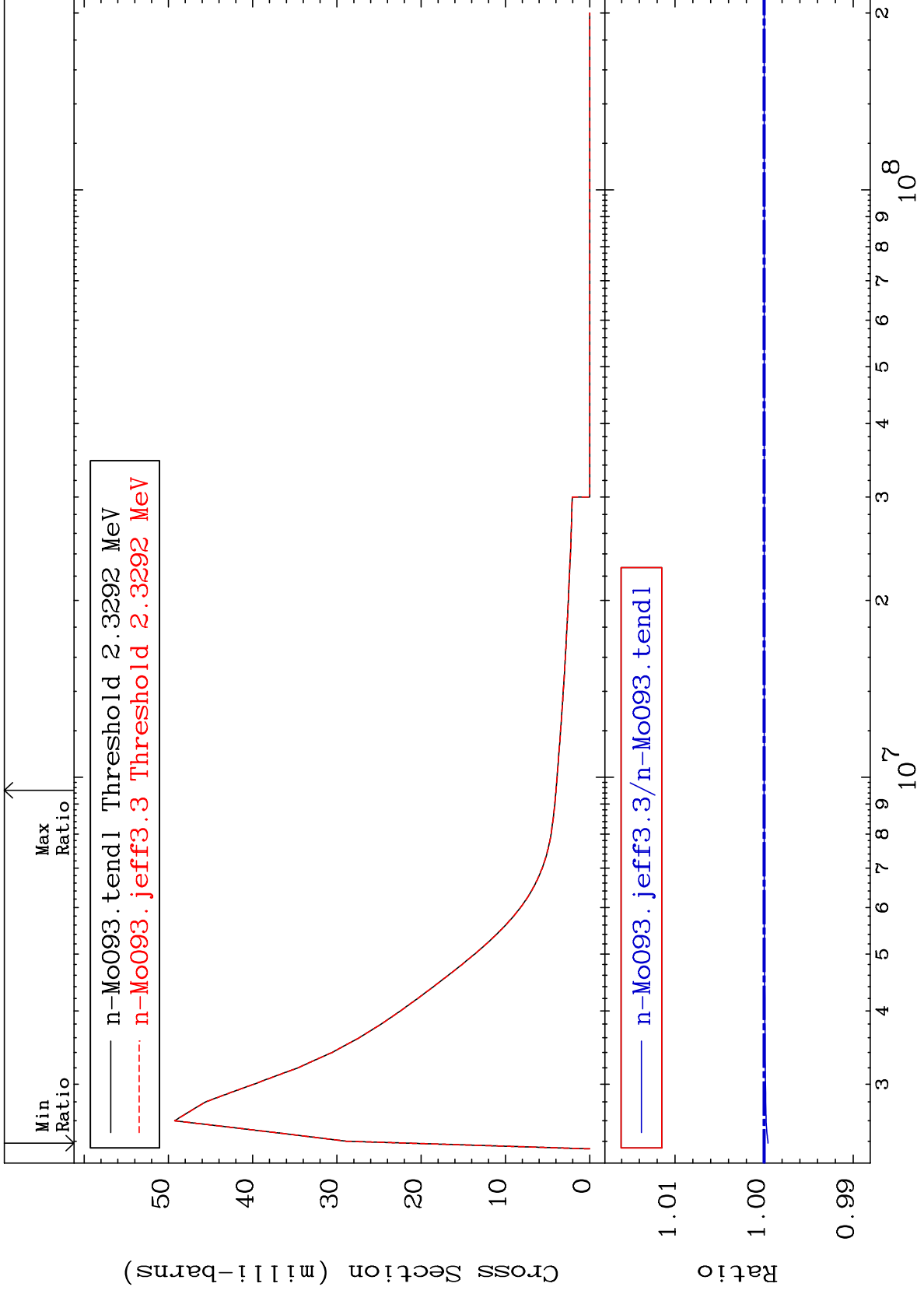




MAT 4228

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

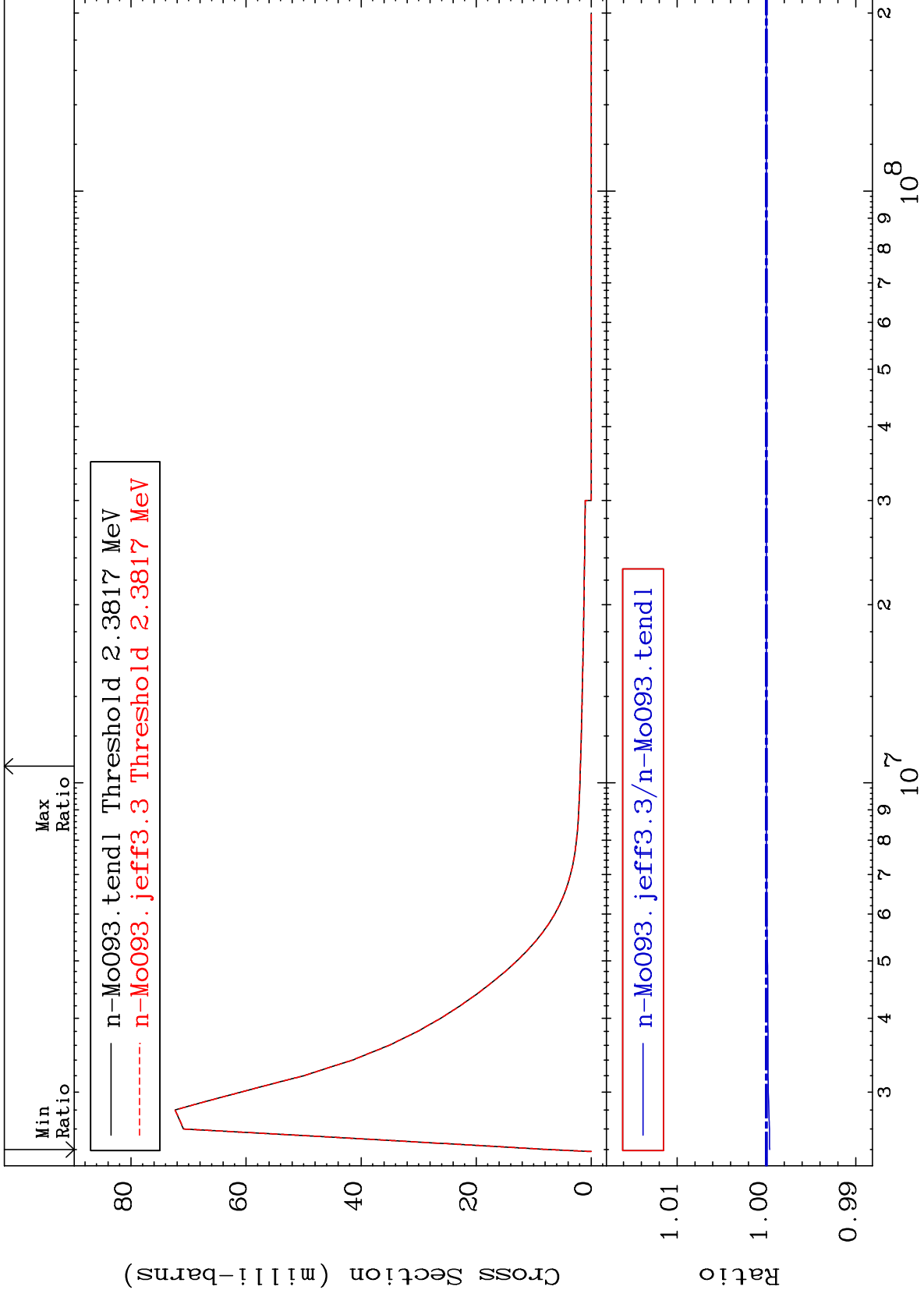
42-Mo-93  
-0.042 To 0.000 %



MAT 4228

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

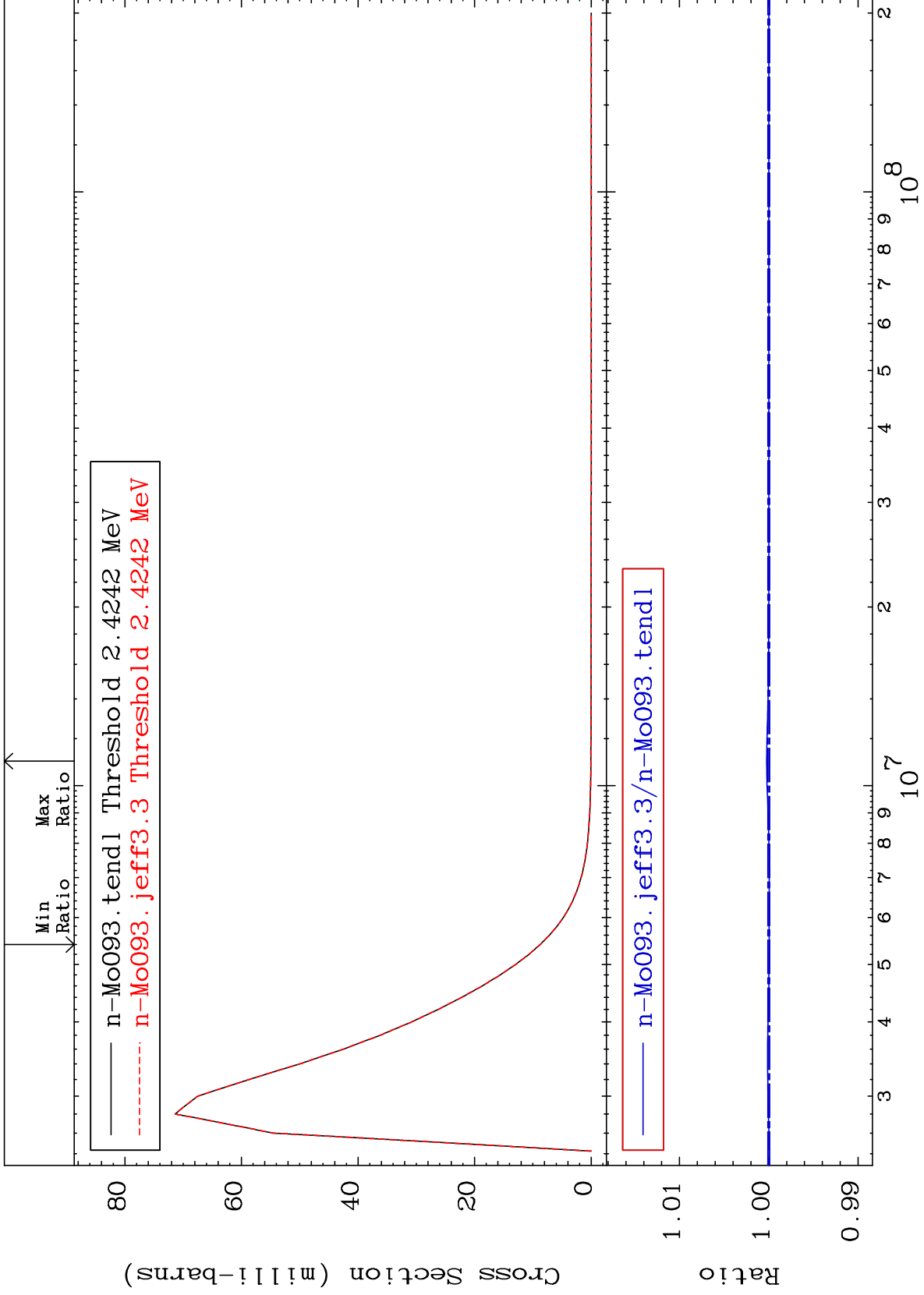
42-Mo-93  
-0.036 To 0.001 %



MAT 4228

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

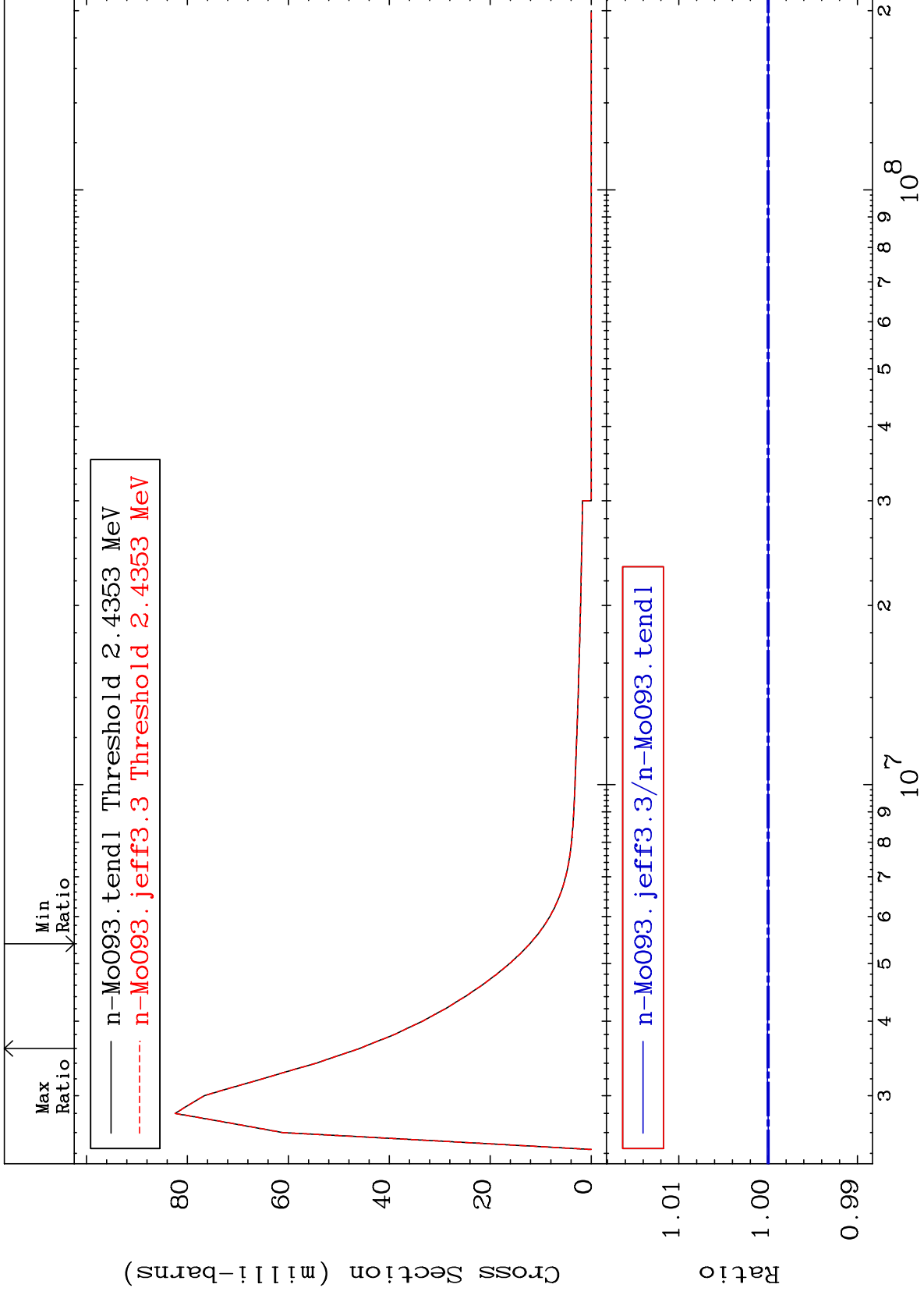
42-Mo-93  
-0.005 To 0.024 %



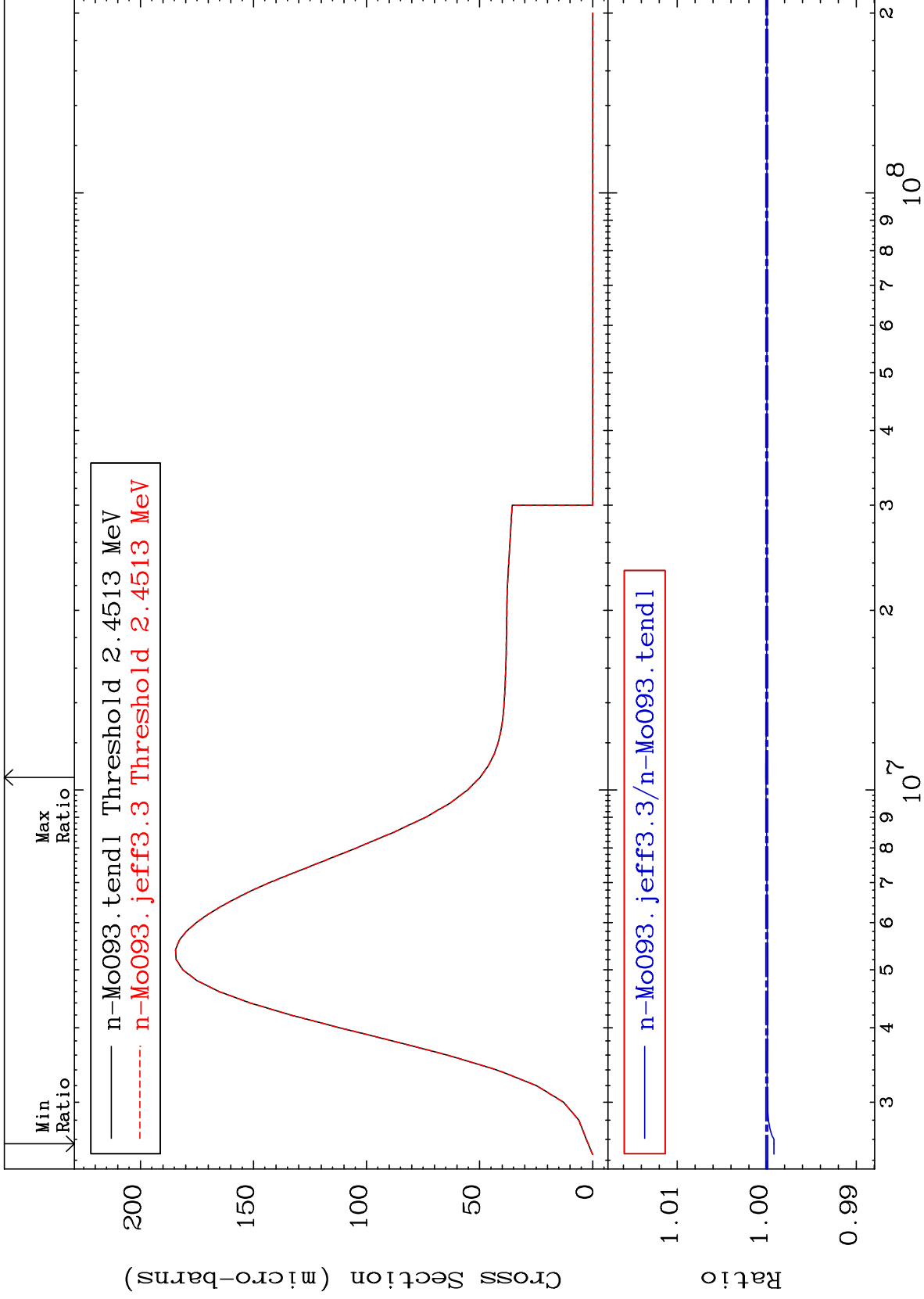
MAT 4228

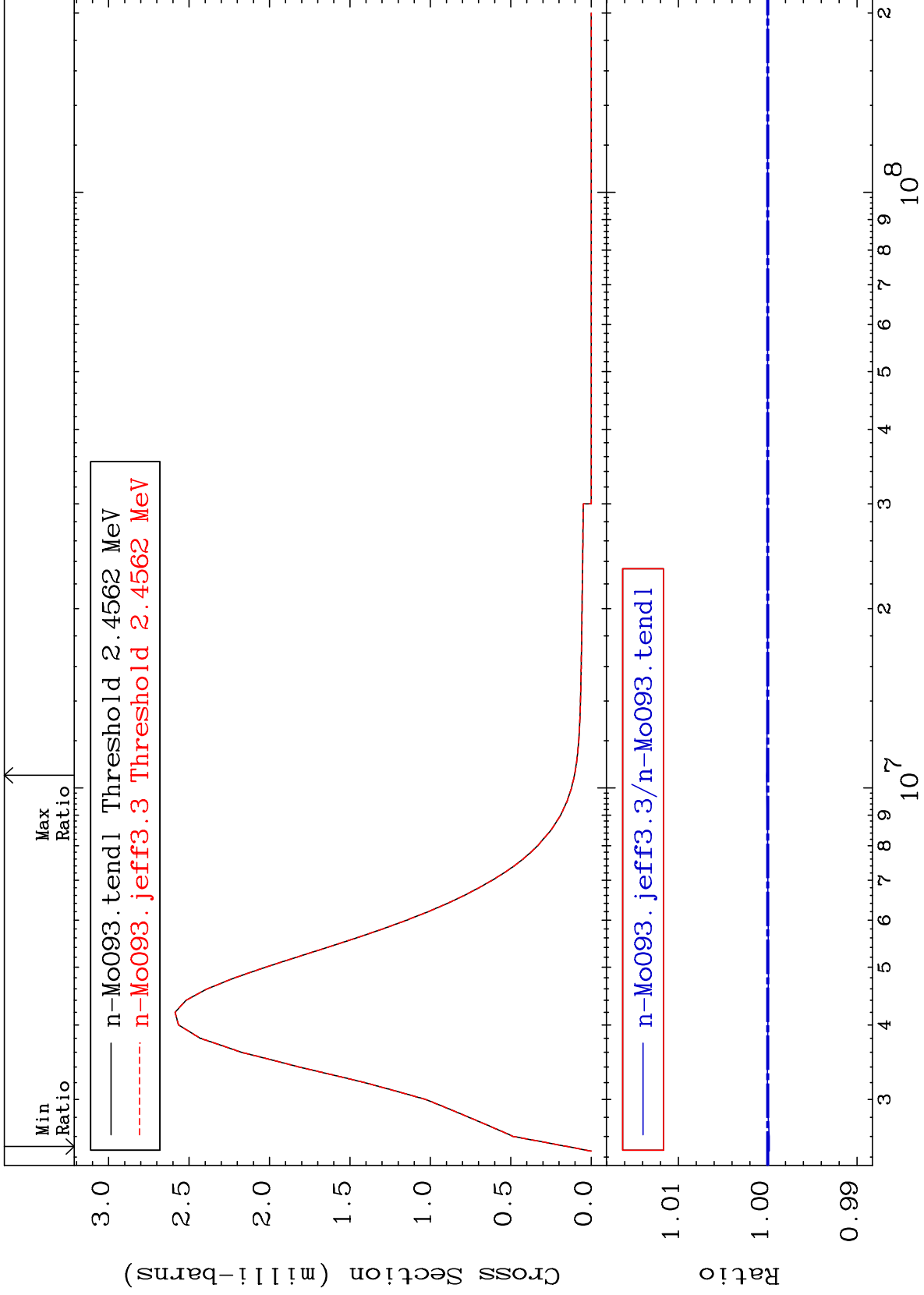
MT= 65 (n,n') Level  
Cross Section

42-Mo-93  
-0.005 To 0.010 %





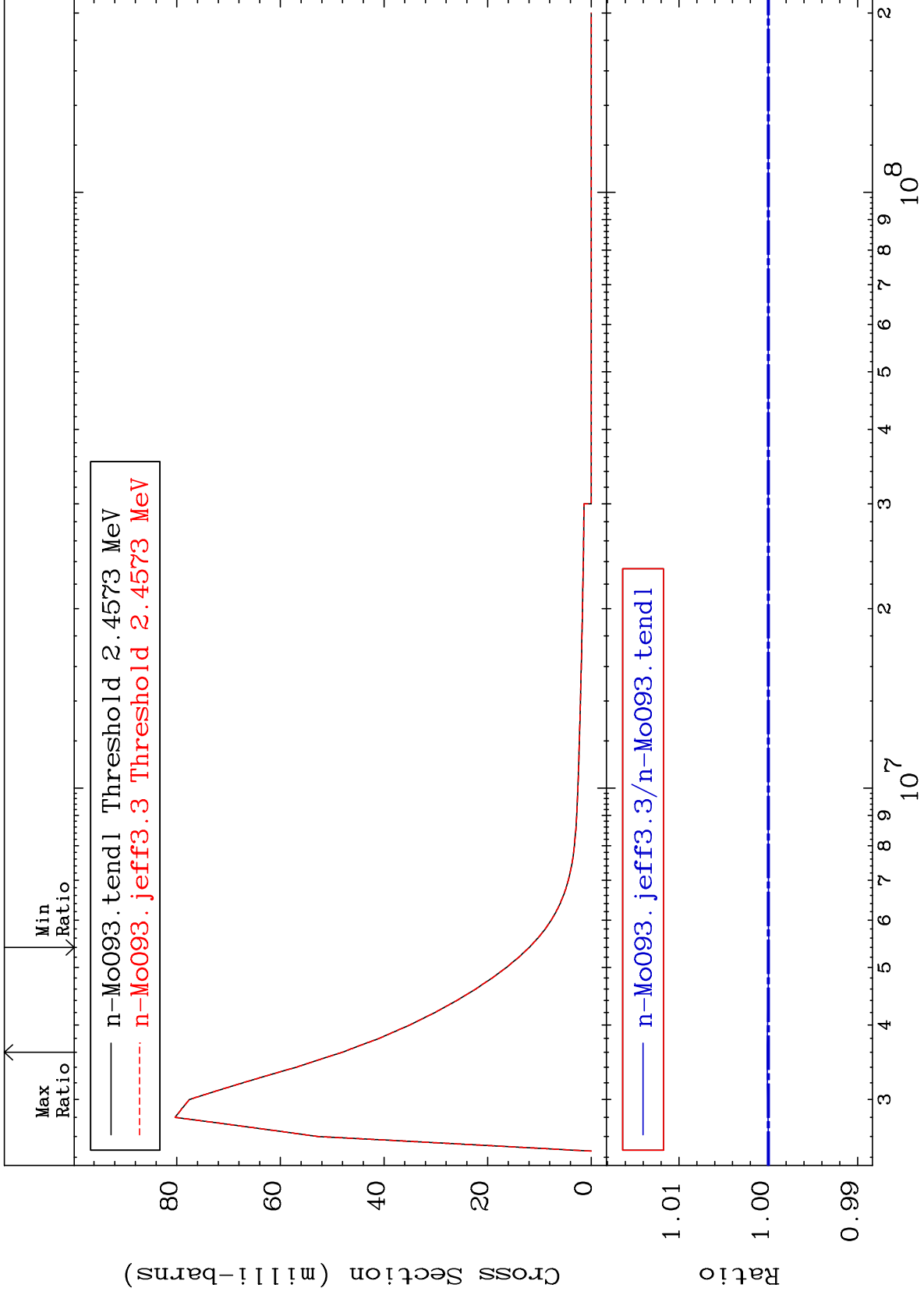


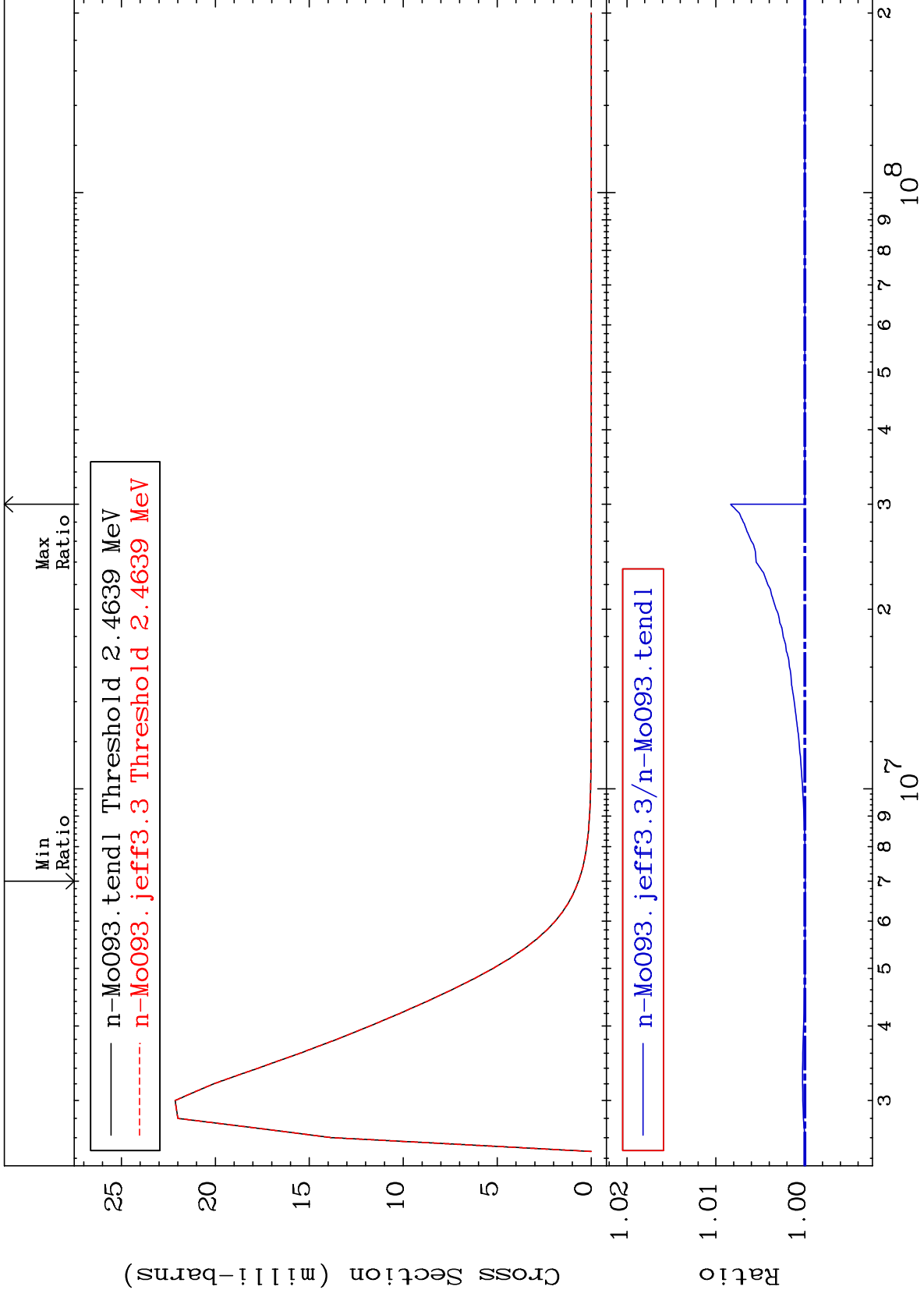


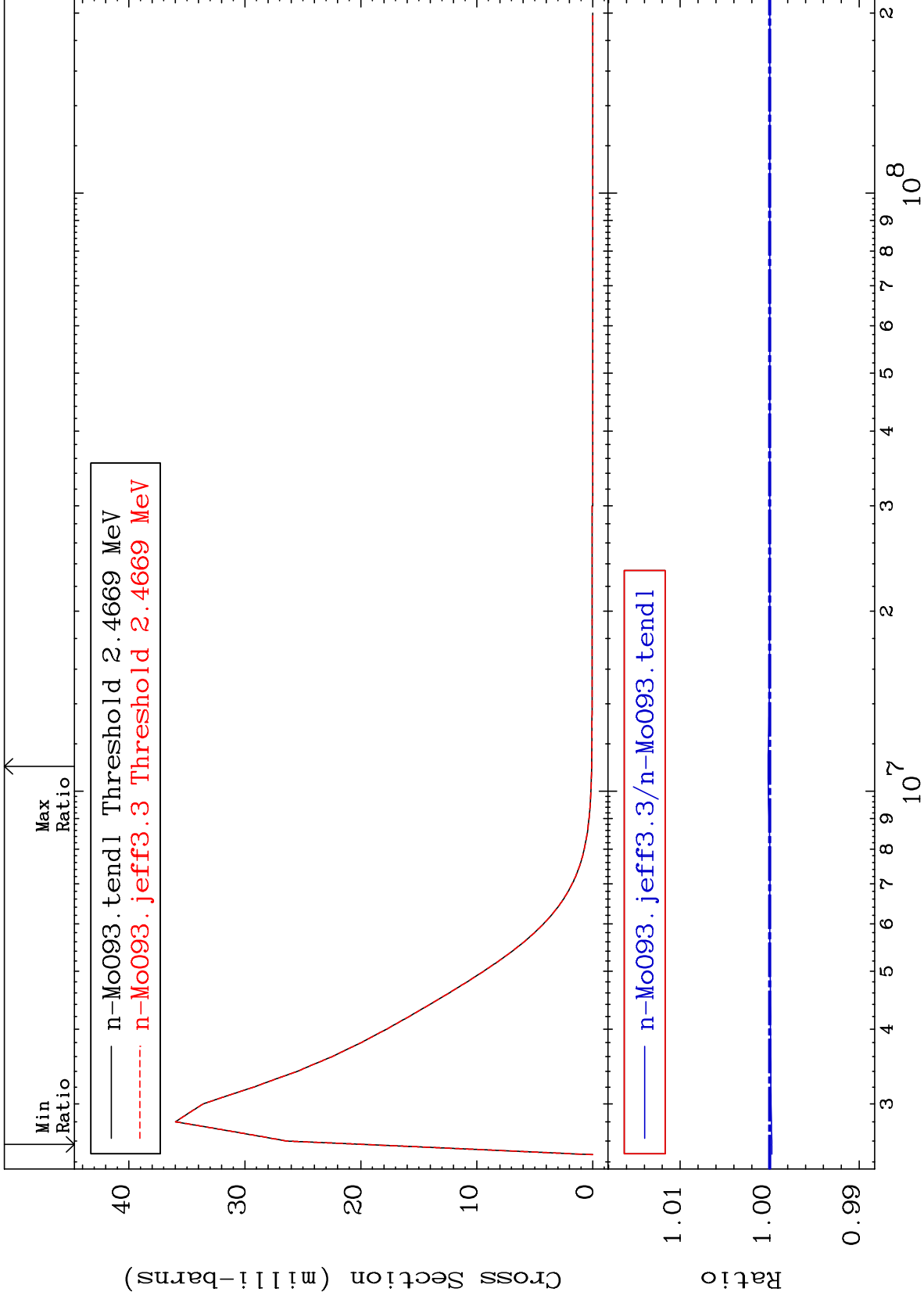
MAT 4228

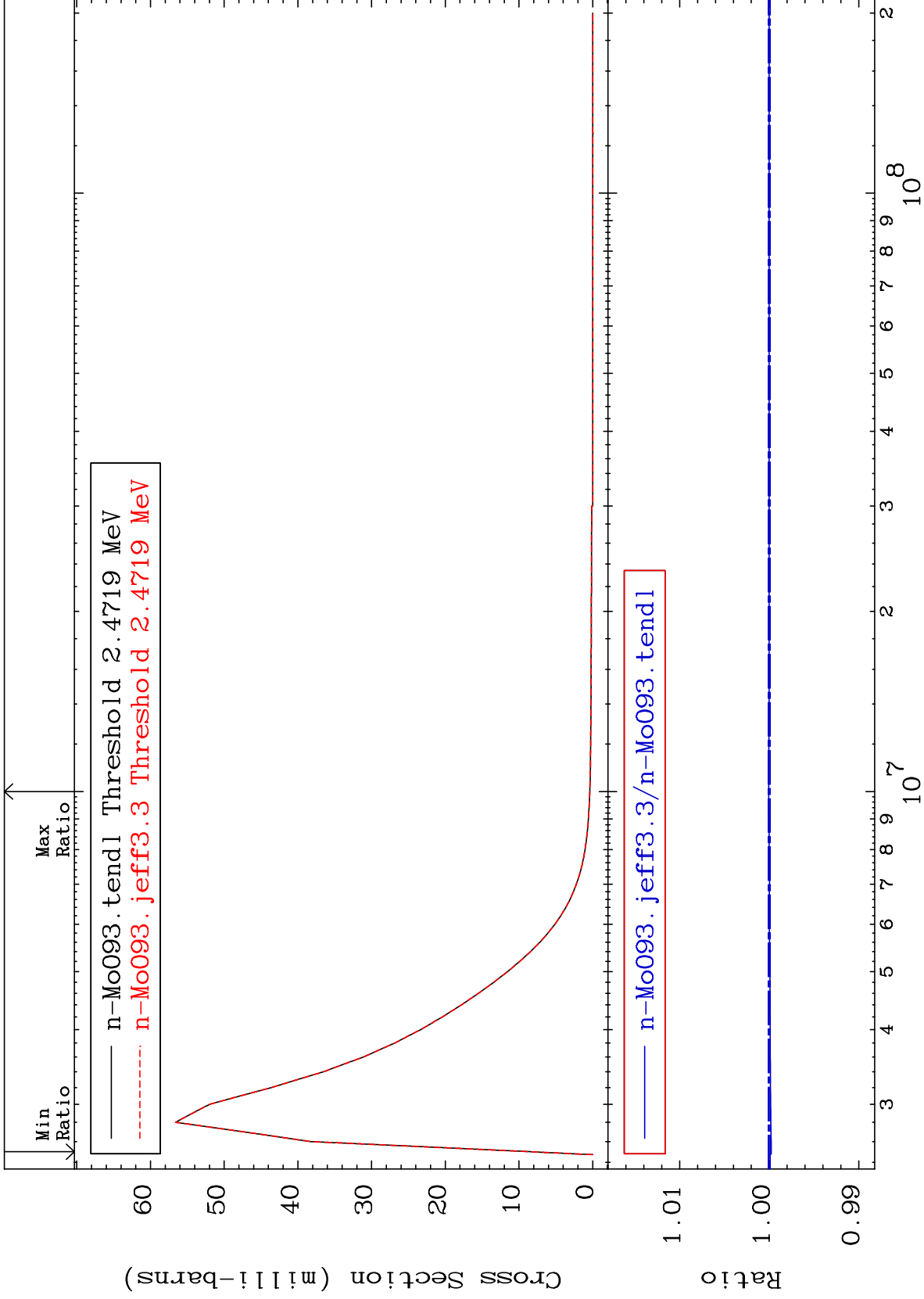
MT= 68 (n,n') Level  
Cross Section

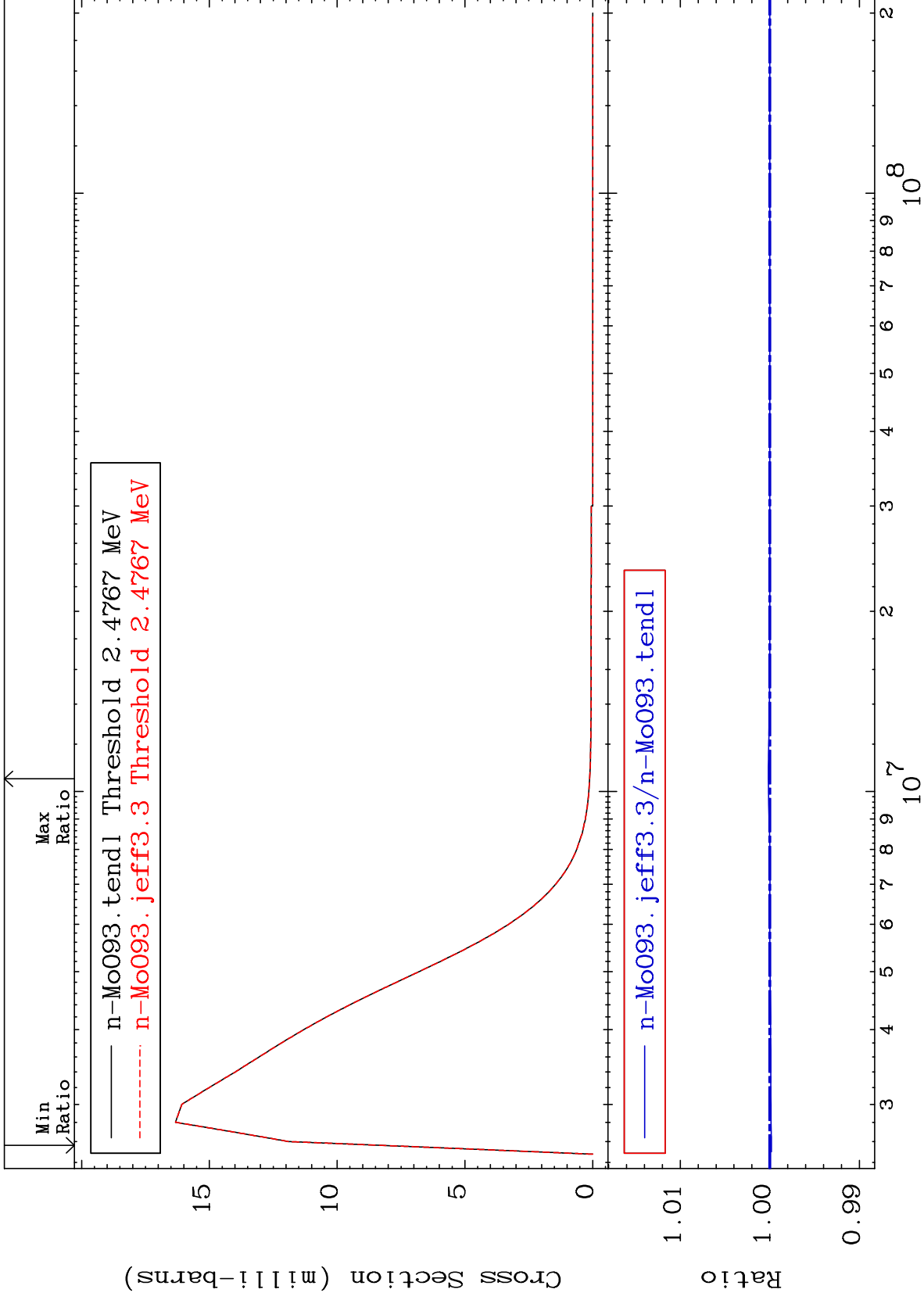
42-Mo-93  
-0.004 To 0.012 %







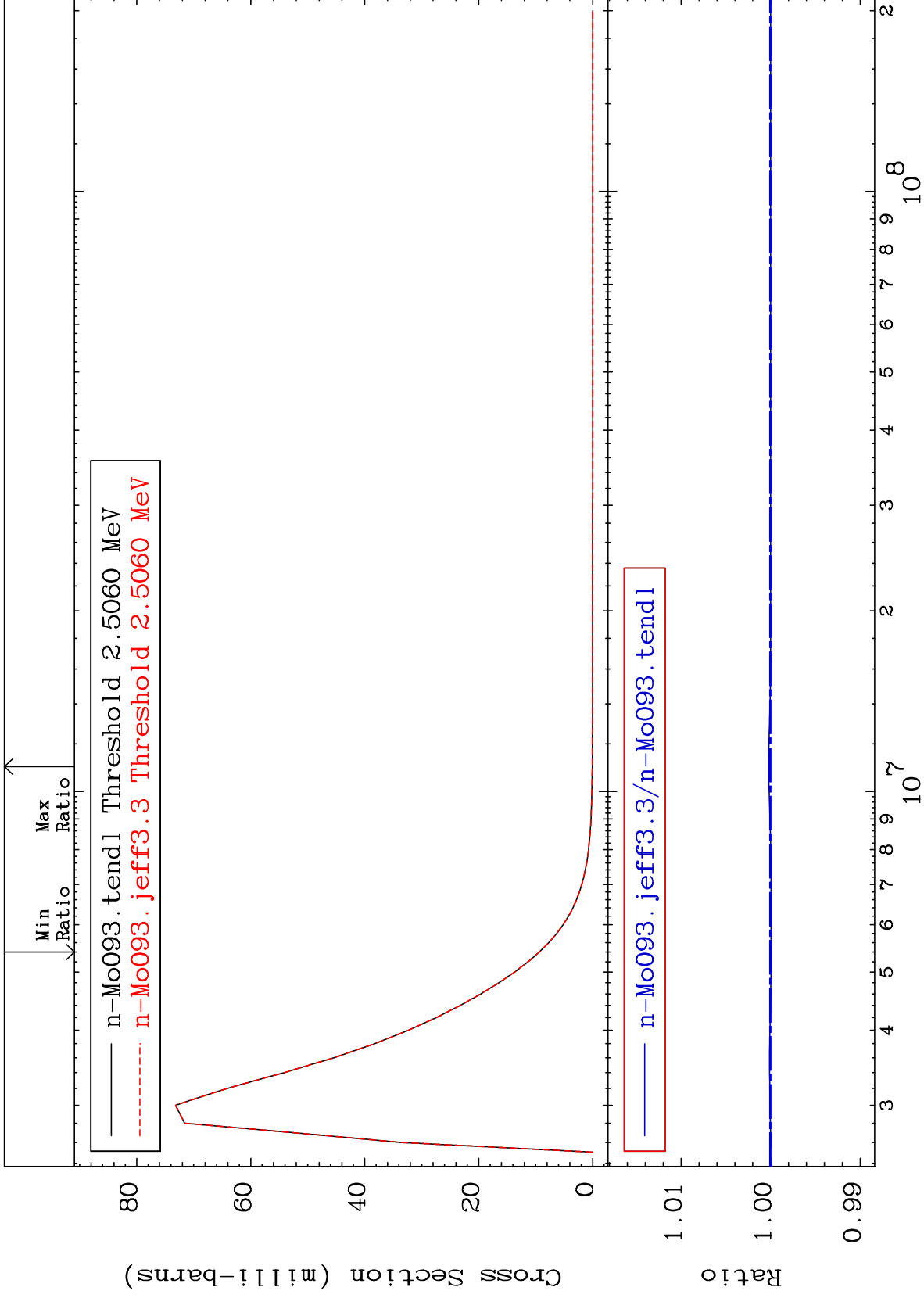




MAT 4228

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

42-Mo-93  
-0.006 To 0.023 %



40

Incident Energy (eV)

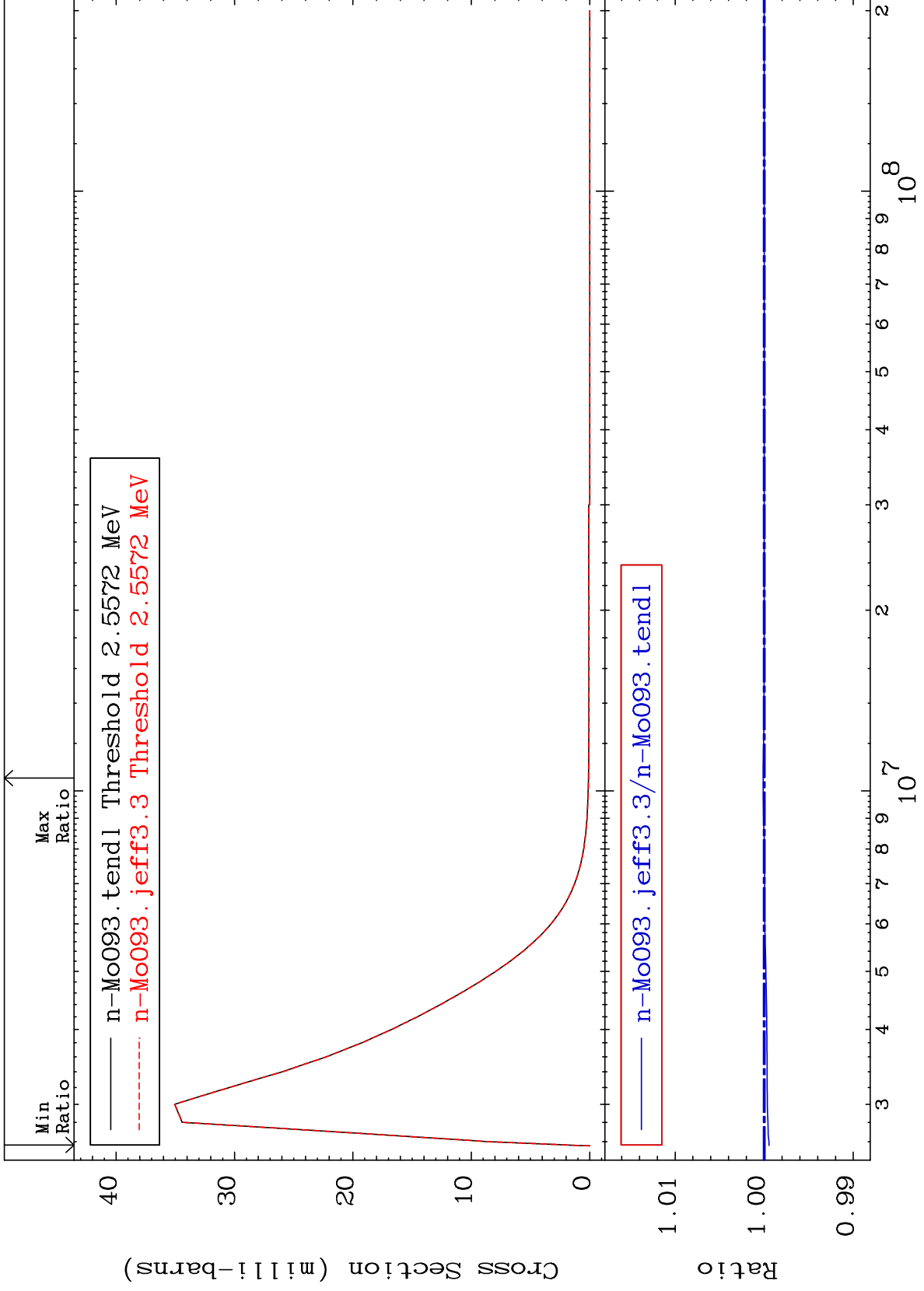
42-Mo-93



MAT 4228

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

42-Mo-93  
-0.052 To 0.012 %



41

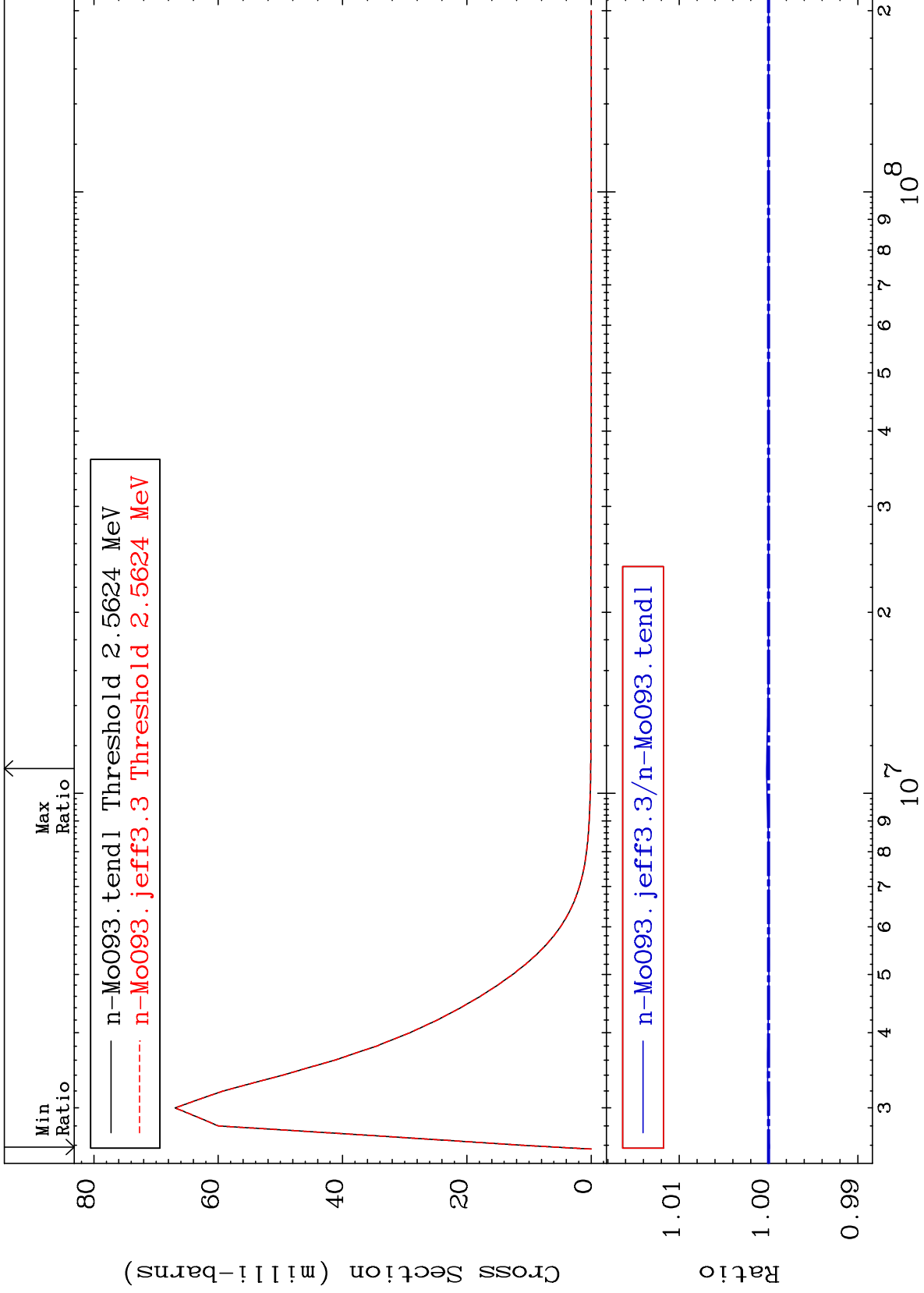
Incident Energy (eV)

42-Mo-93

MAT 4228

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

42-Mo-93  
-0.008 To 0.021 %



42

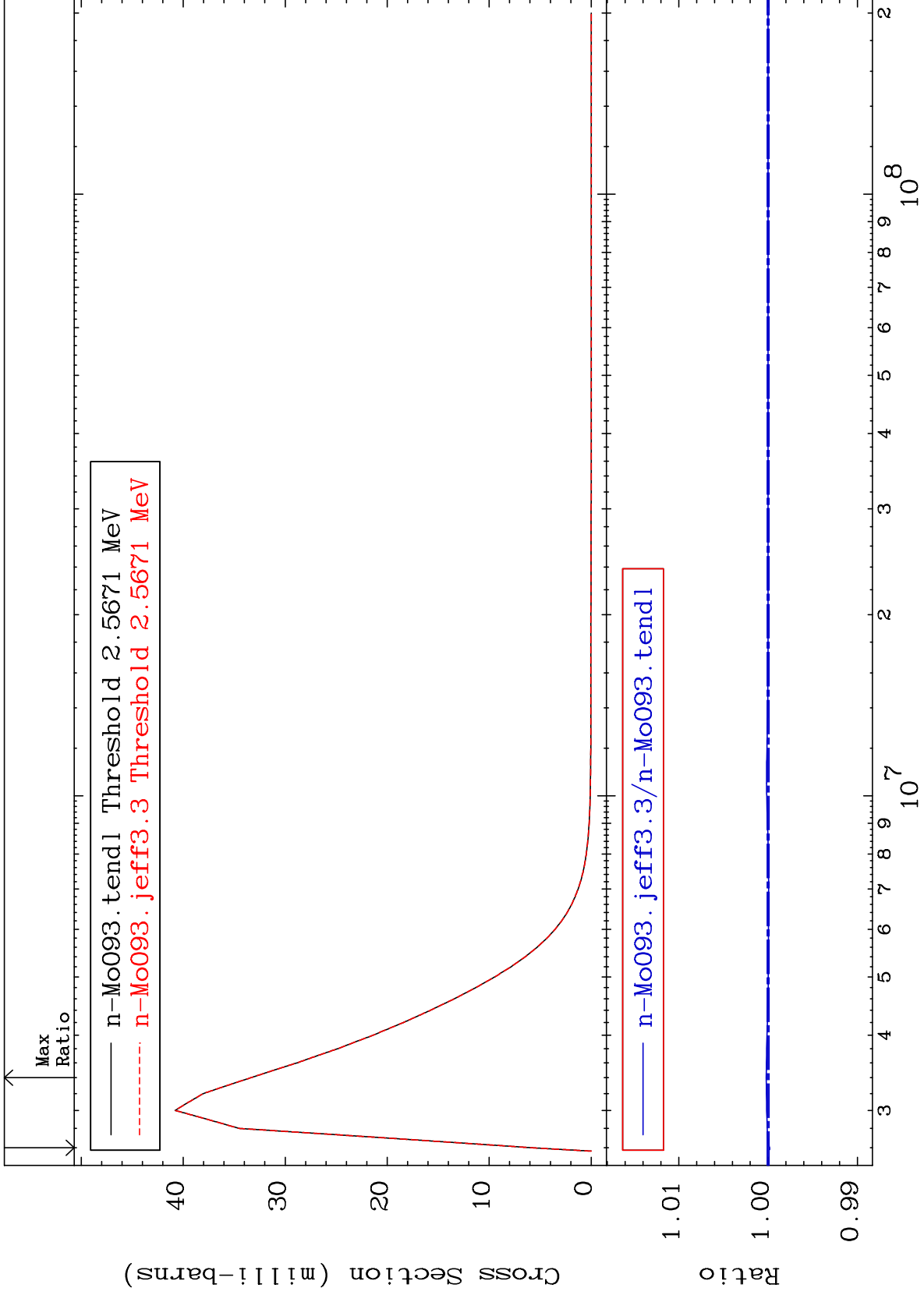
Incident Energy (eV)

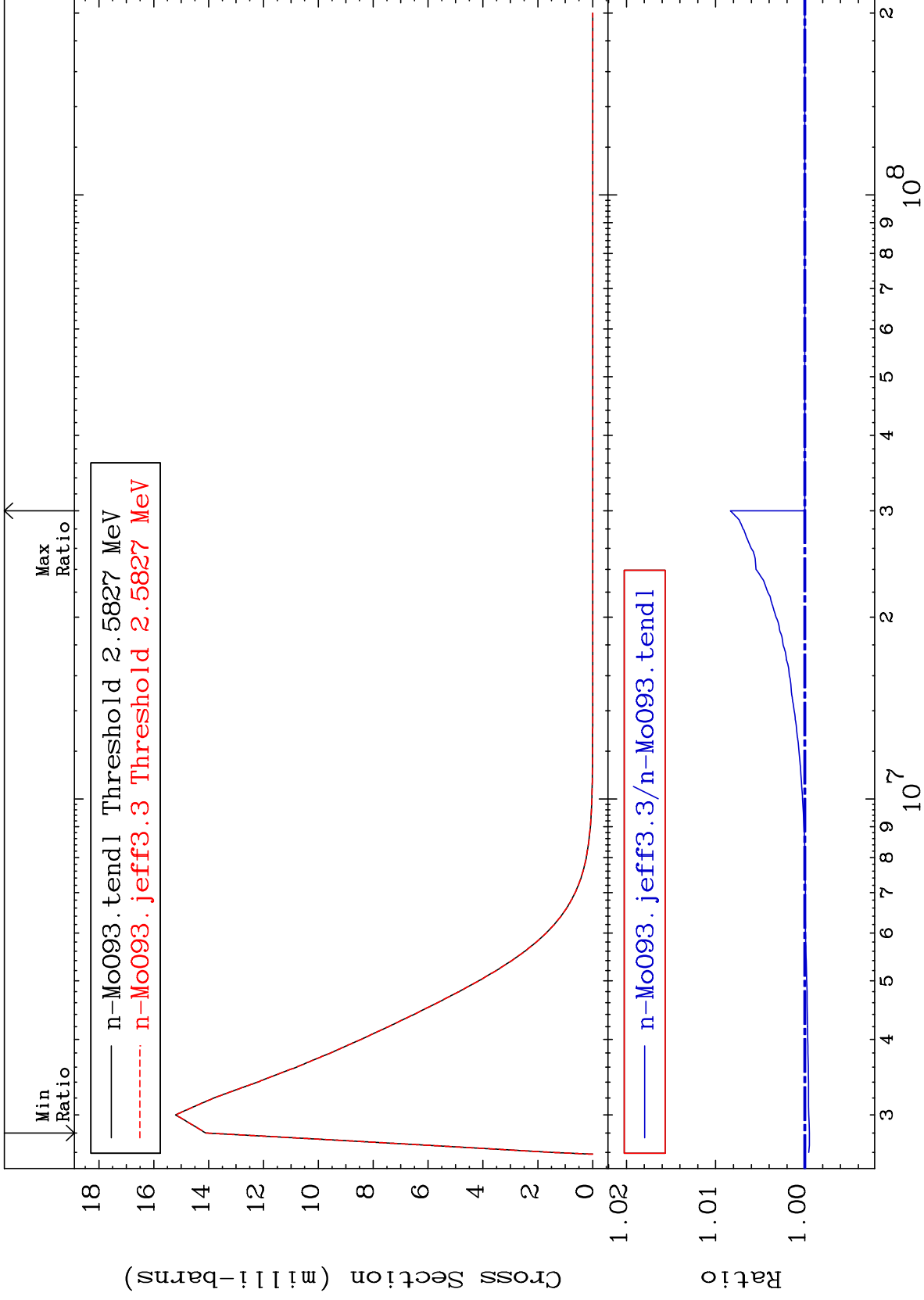
42-Mo-93

MAT 4228

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

42-Mo-93  
-0.017 To 0.021 %

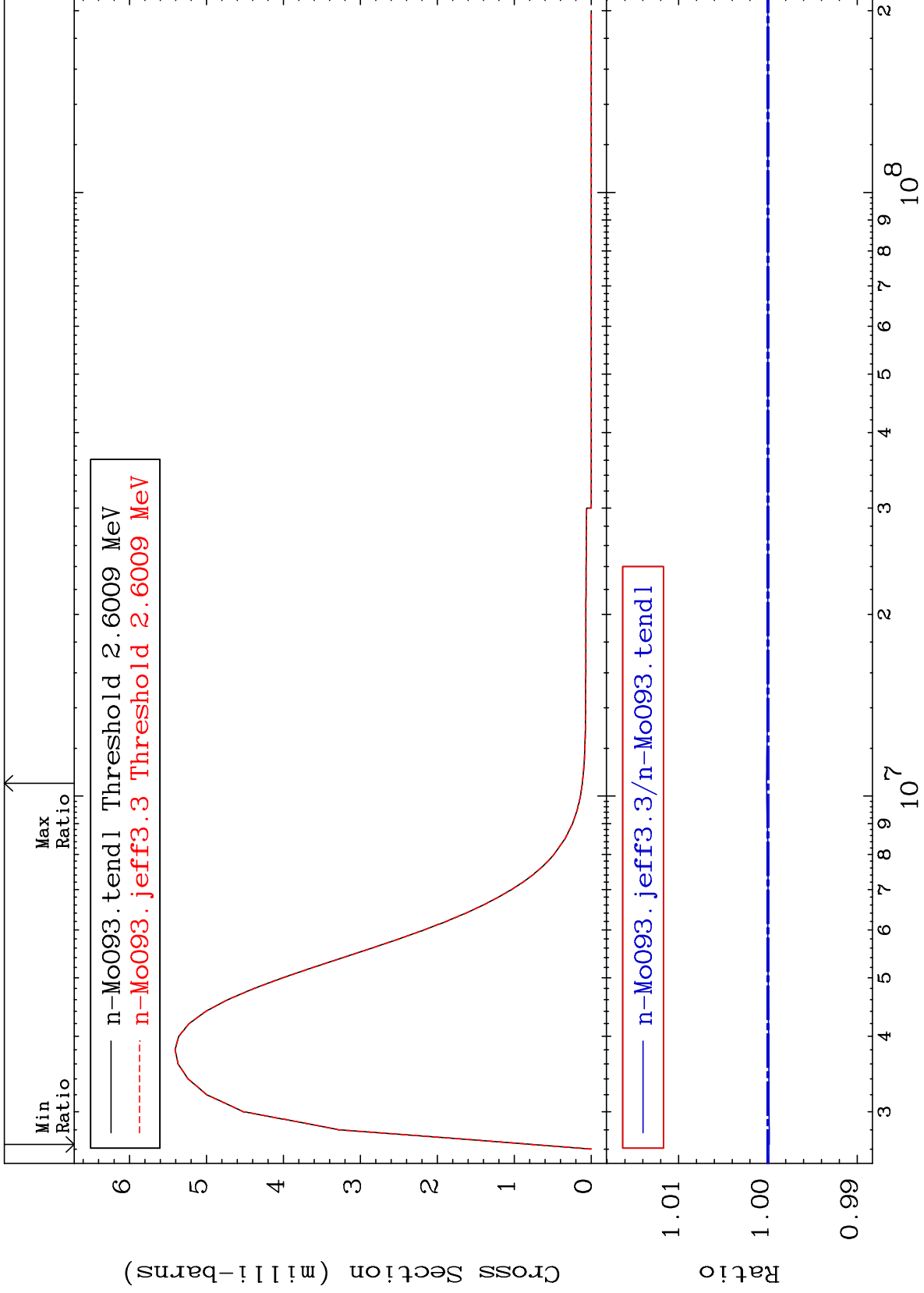




MAT 4228

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

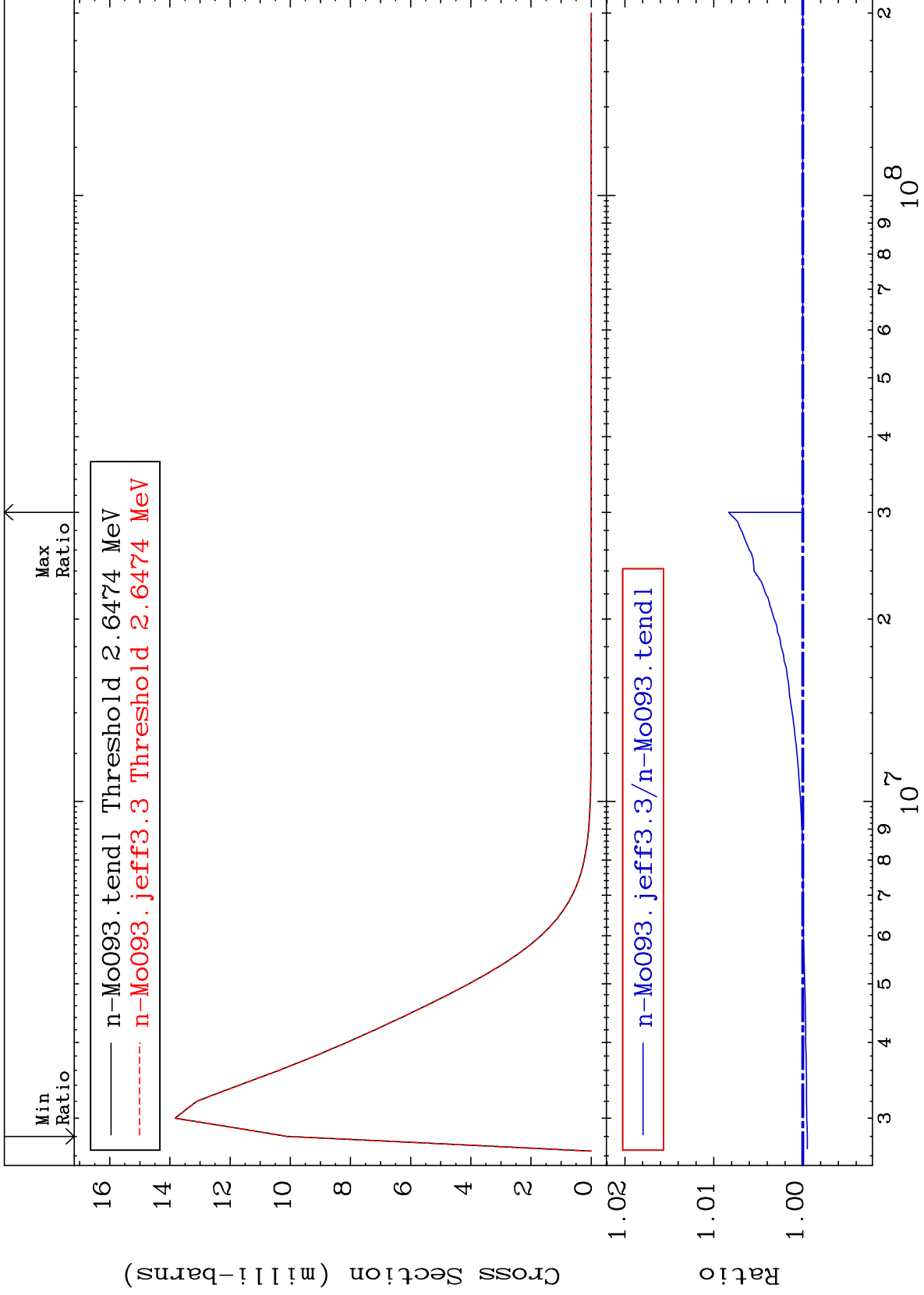
42-Mo-93  
-0.016 To 0.014 %

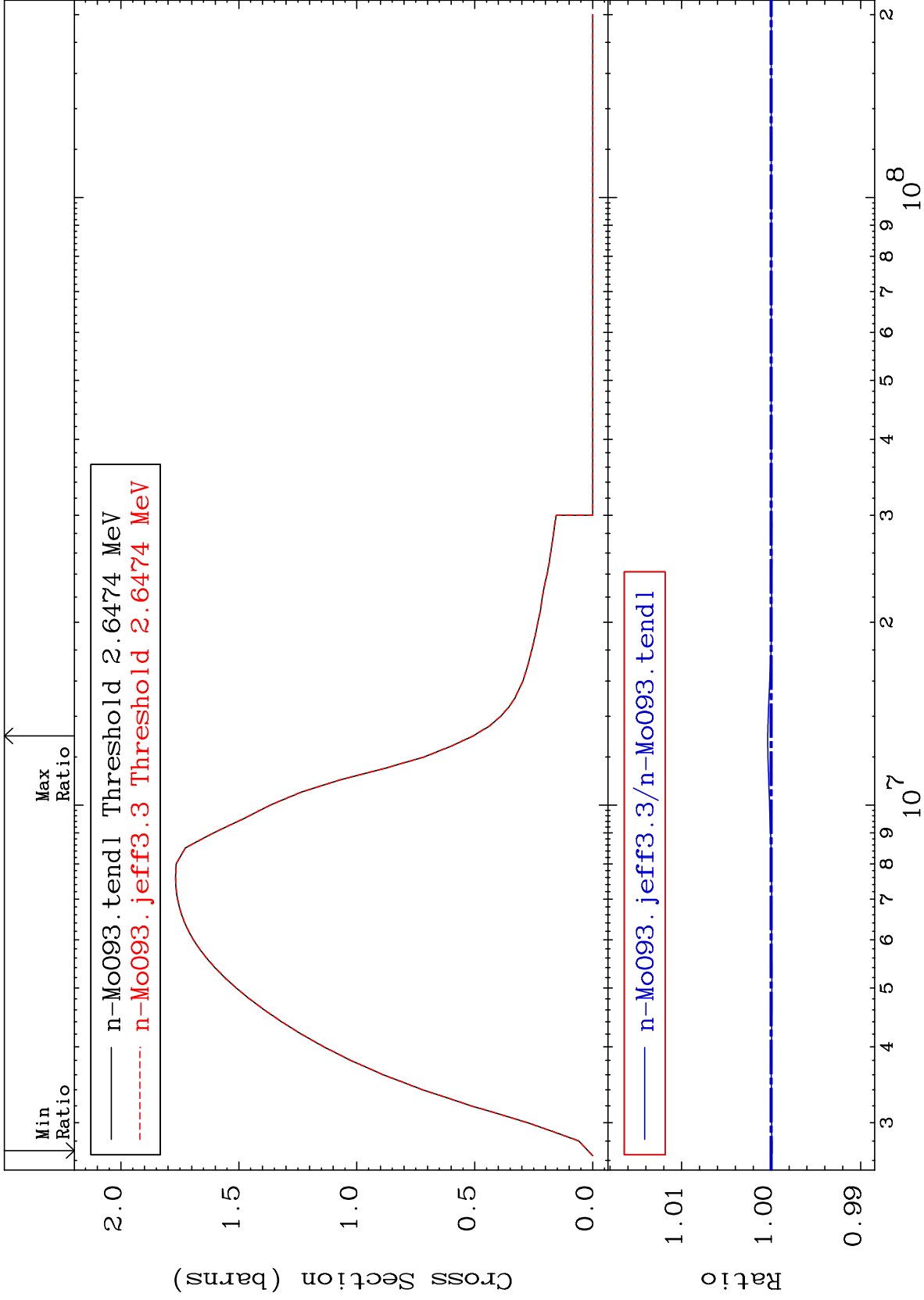


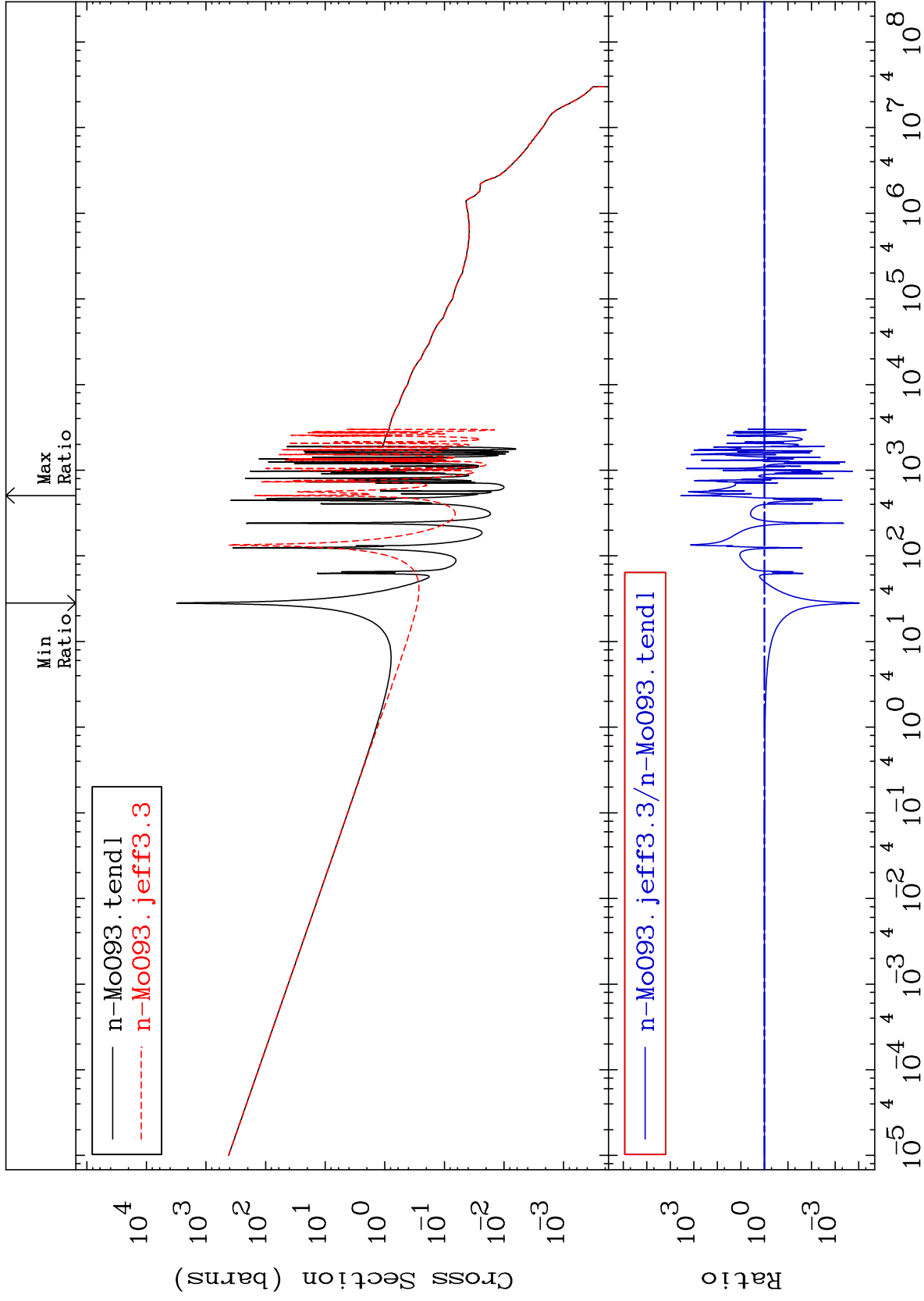
MAT 4228

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

42-Mo-93  
-0.052 To 0.835 %

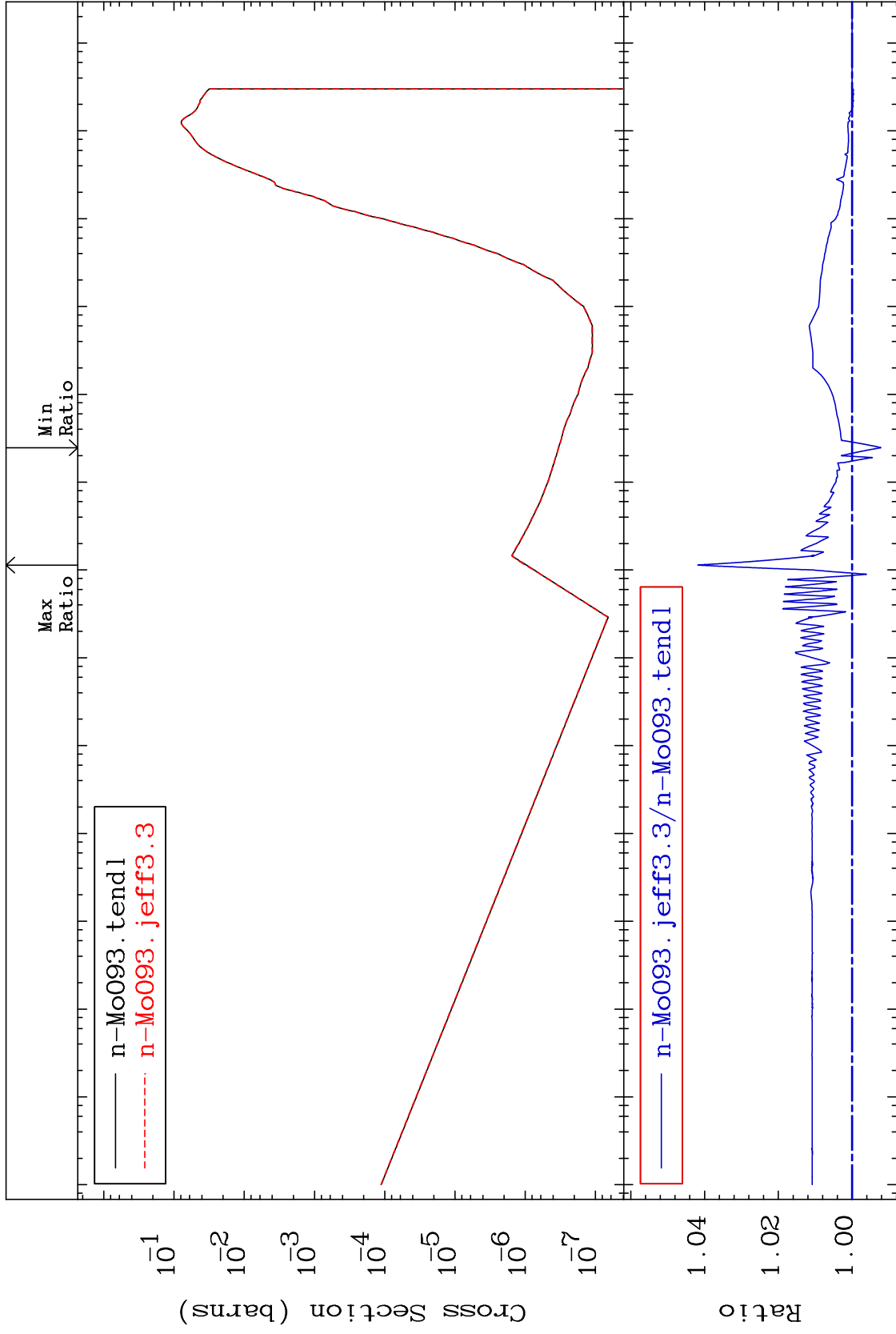






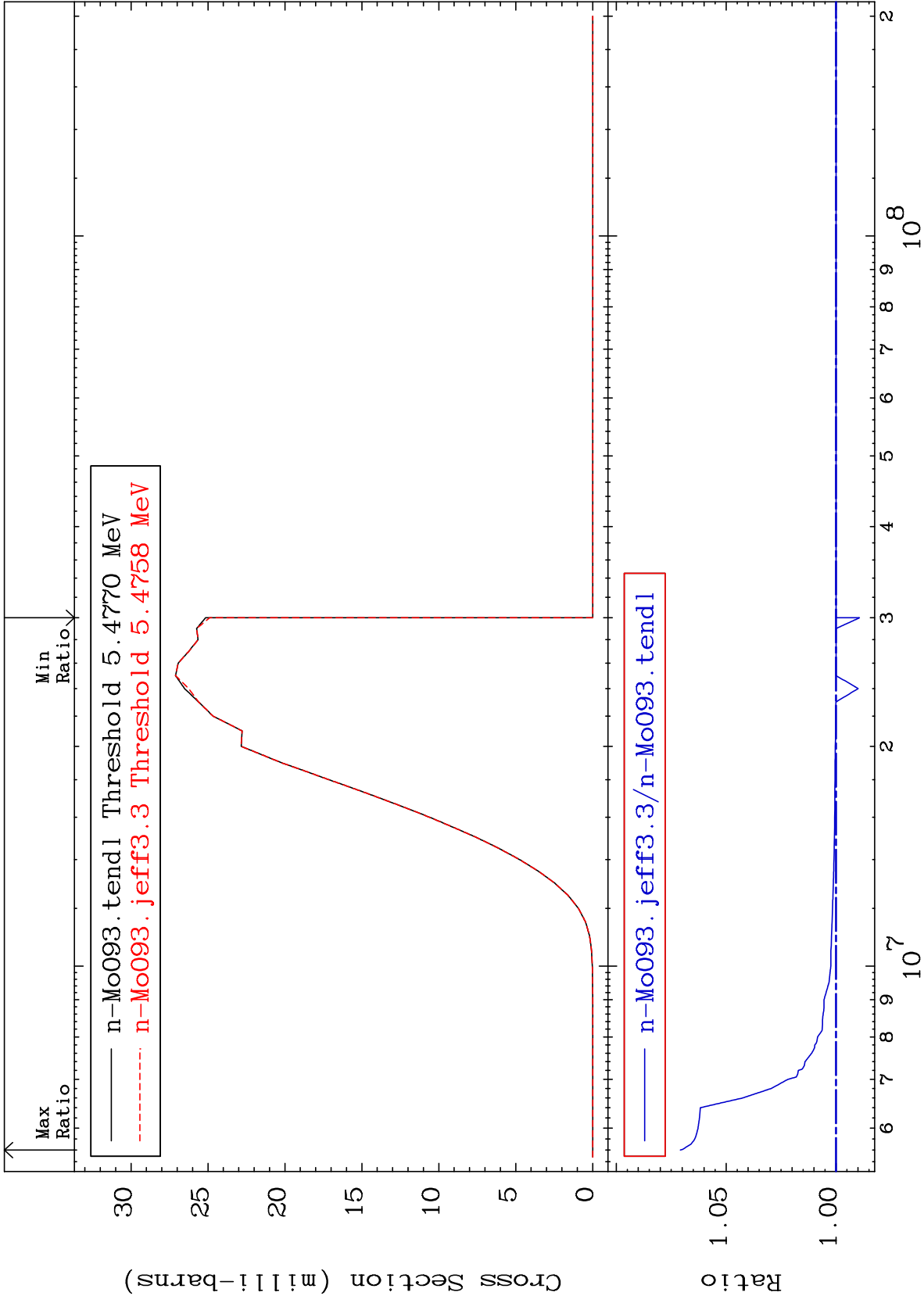


(n,p)  
Cross Section  
-0.786 To 4.182 %



Cross Section

-1.068 To 7.085 %

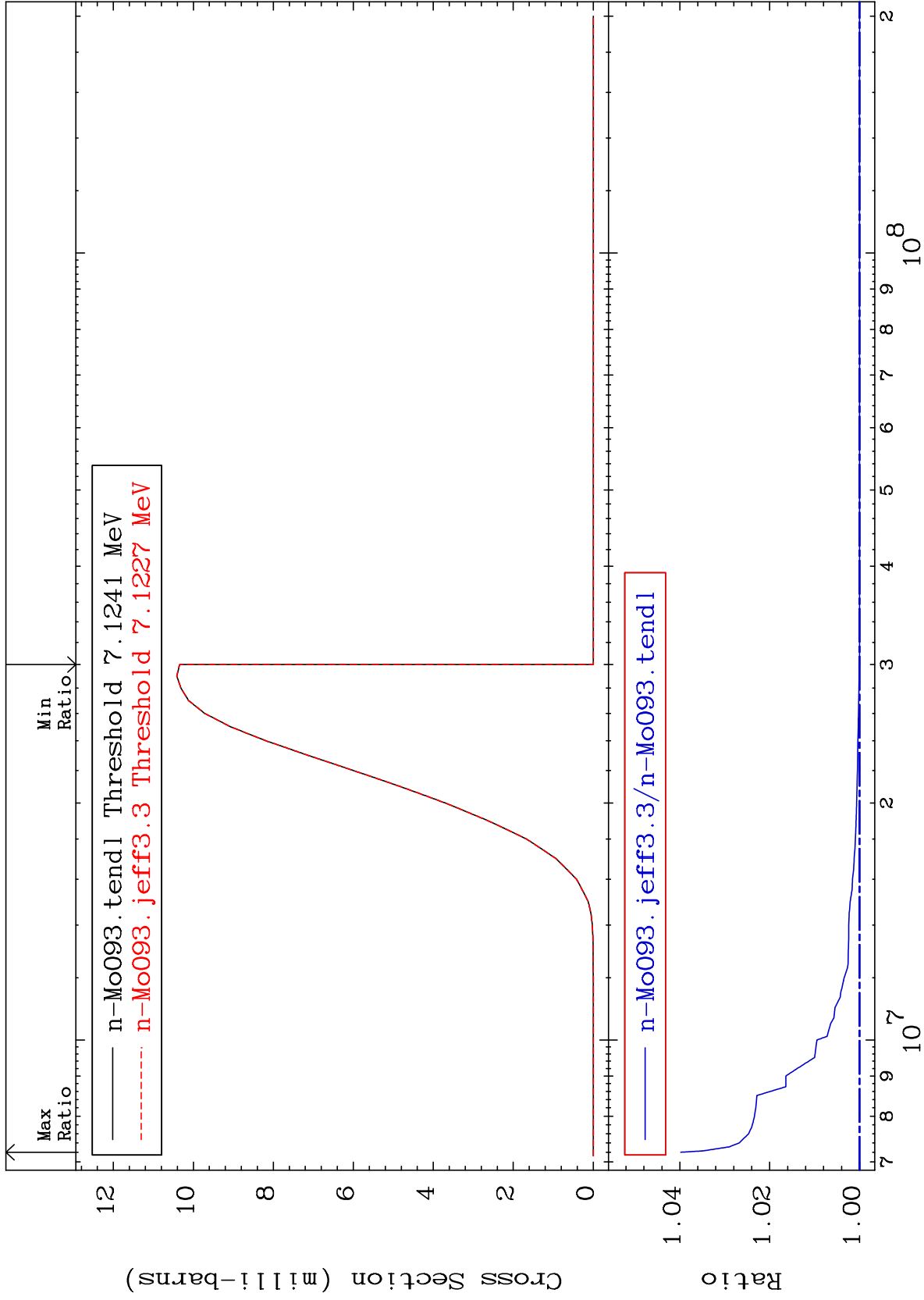


MAT 4228

42-Mo-93

0.000 To 3.980 %

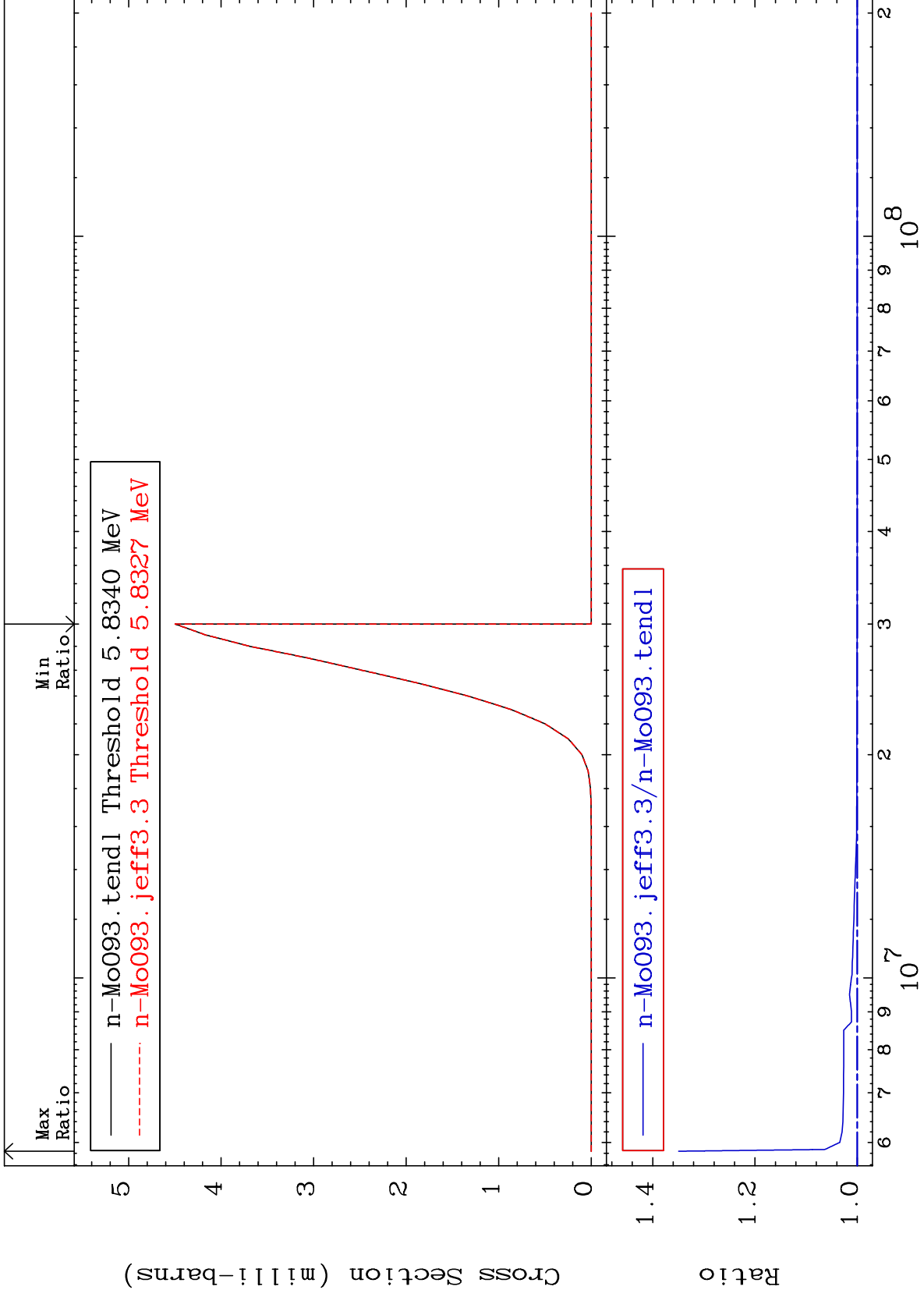
(n, t)  
Cross Section



MAT 4228

(n, He-3)

42-Mo-93  
Cross Section  
0.000 To 34.94 %



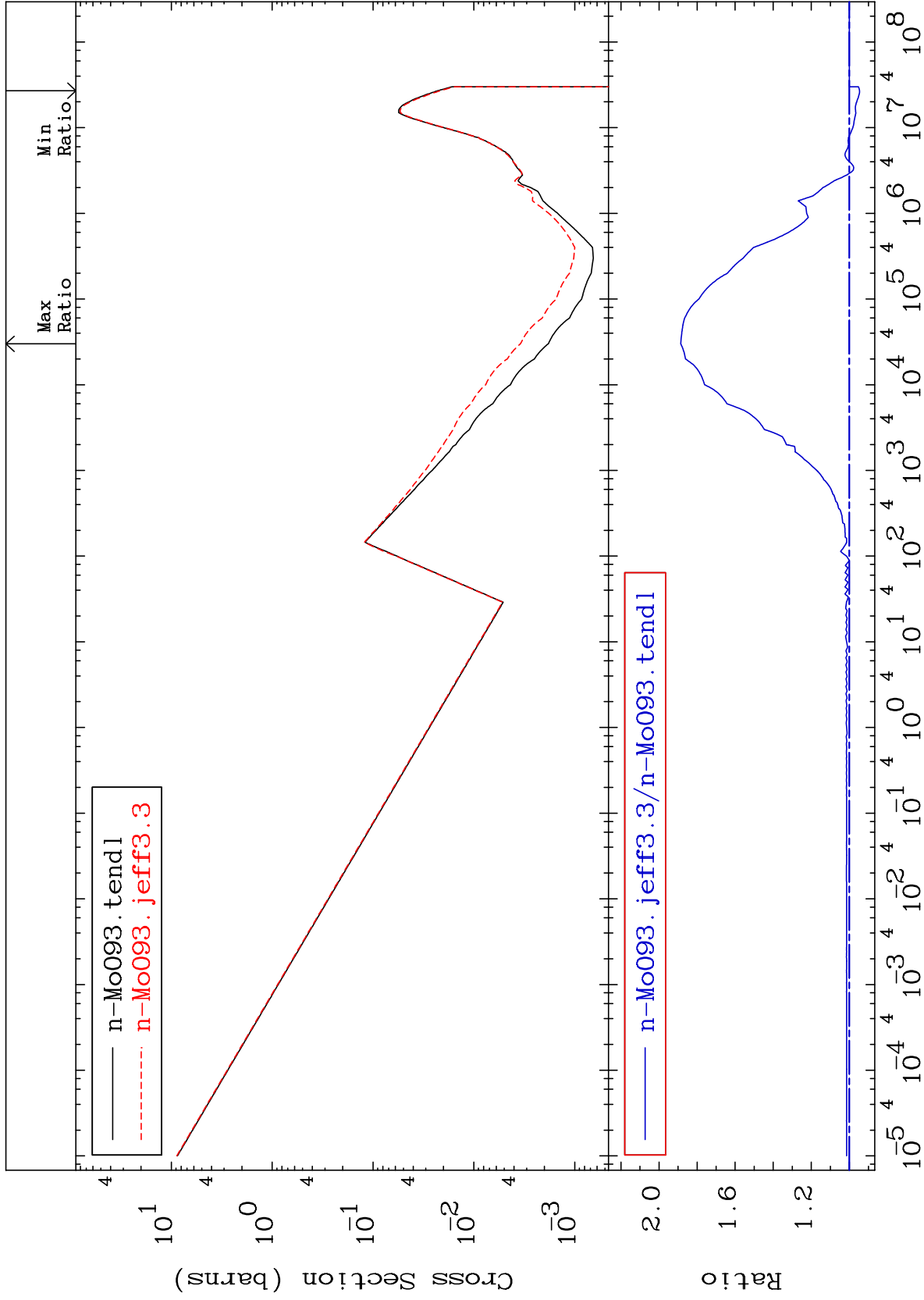
MAT 4228

(n,  $\alpha$ )

42-Mo-93

Cross Section

-5.323 To 88.56 %



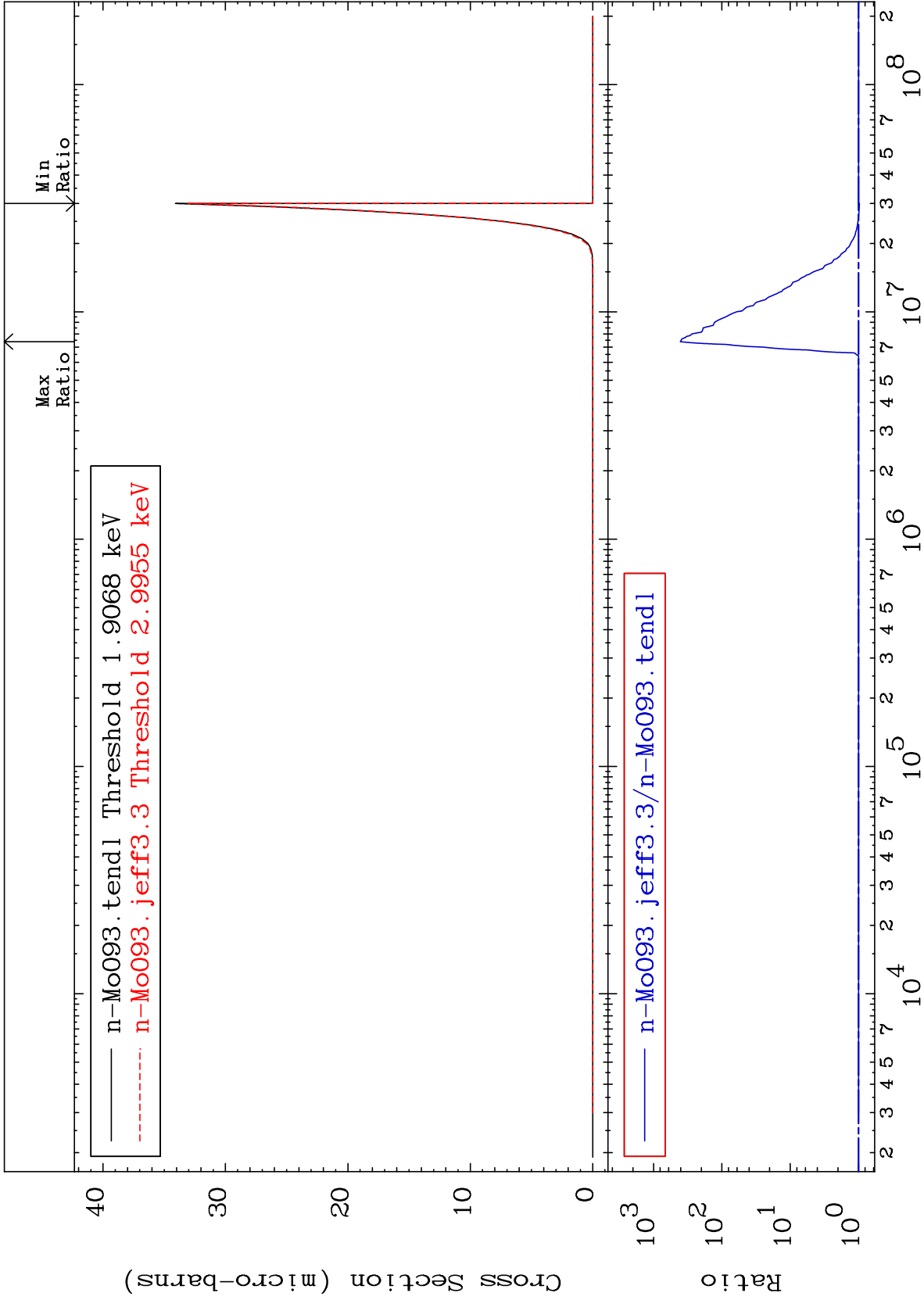
53

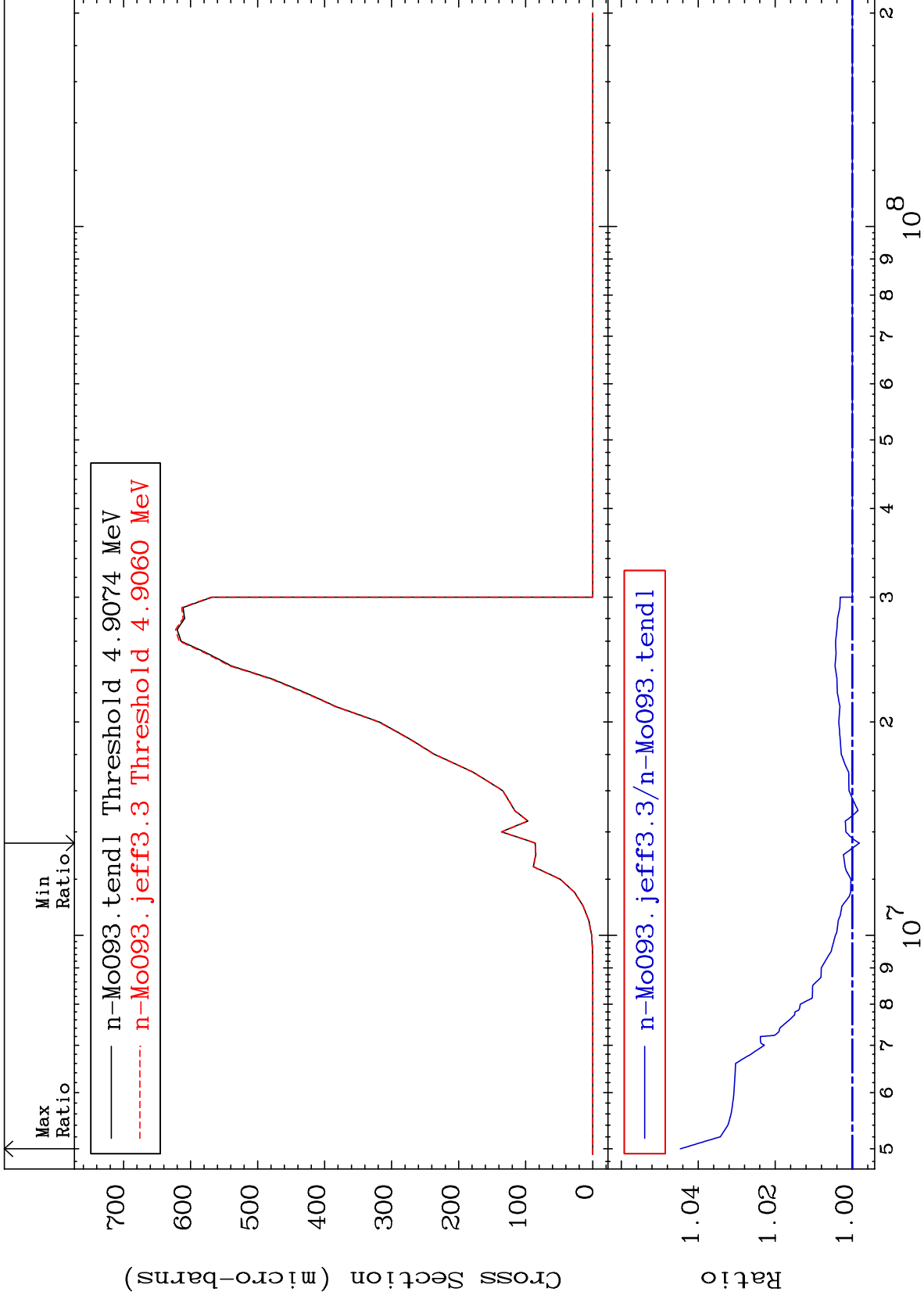
Incident Energy (eV)

42-Mo-93

Cross Section

-3.089 To 9999. %





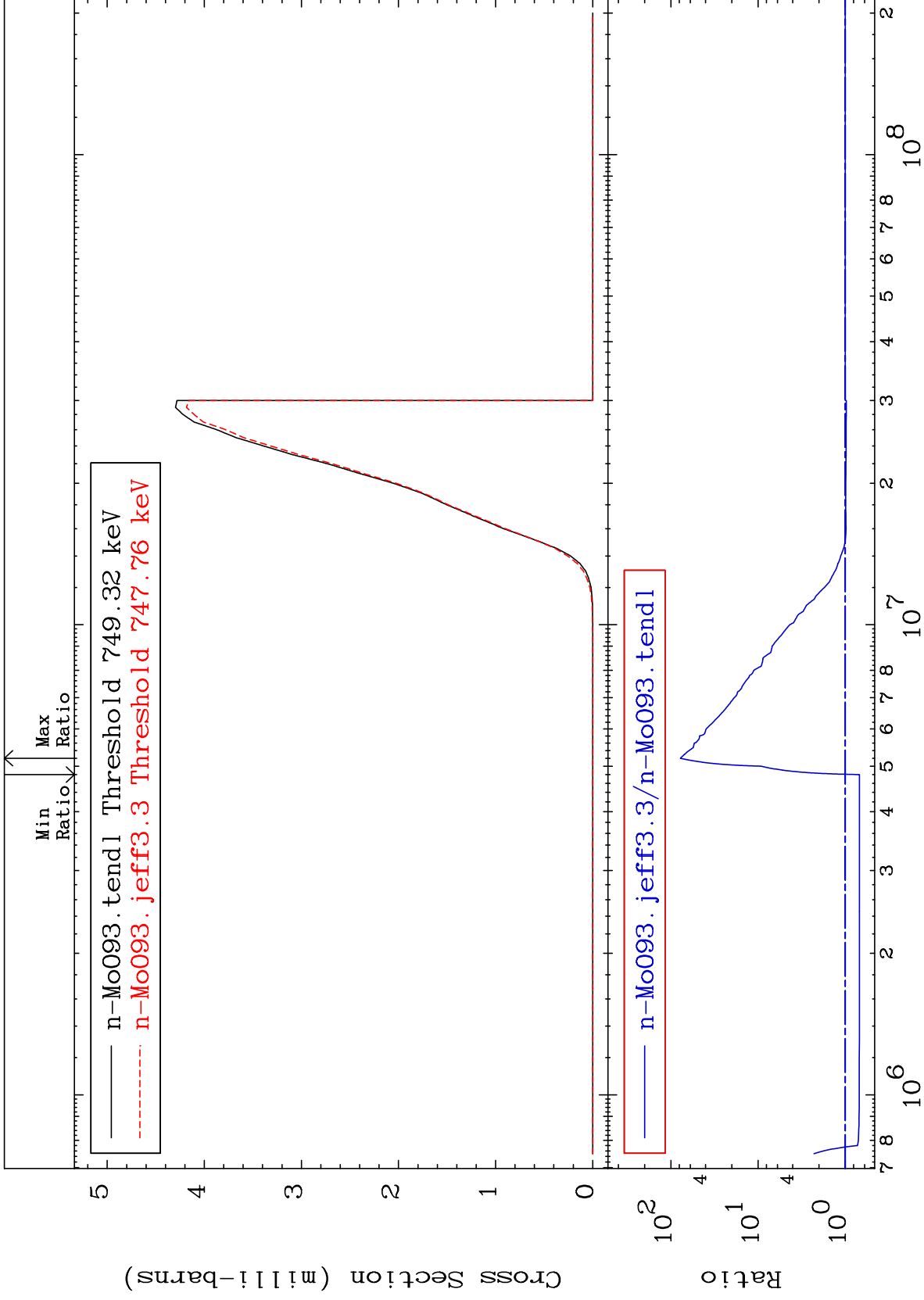
MAT 4228

(n, p)  $\alpha$

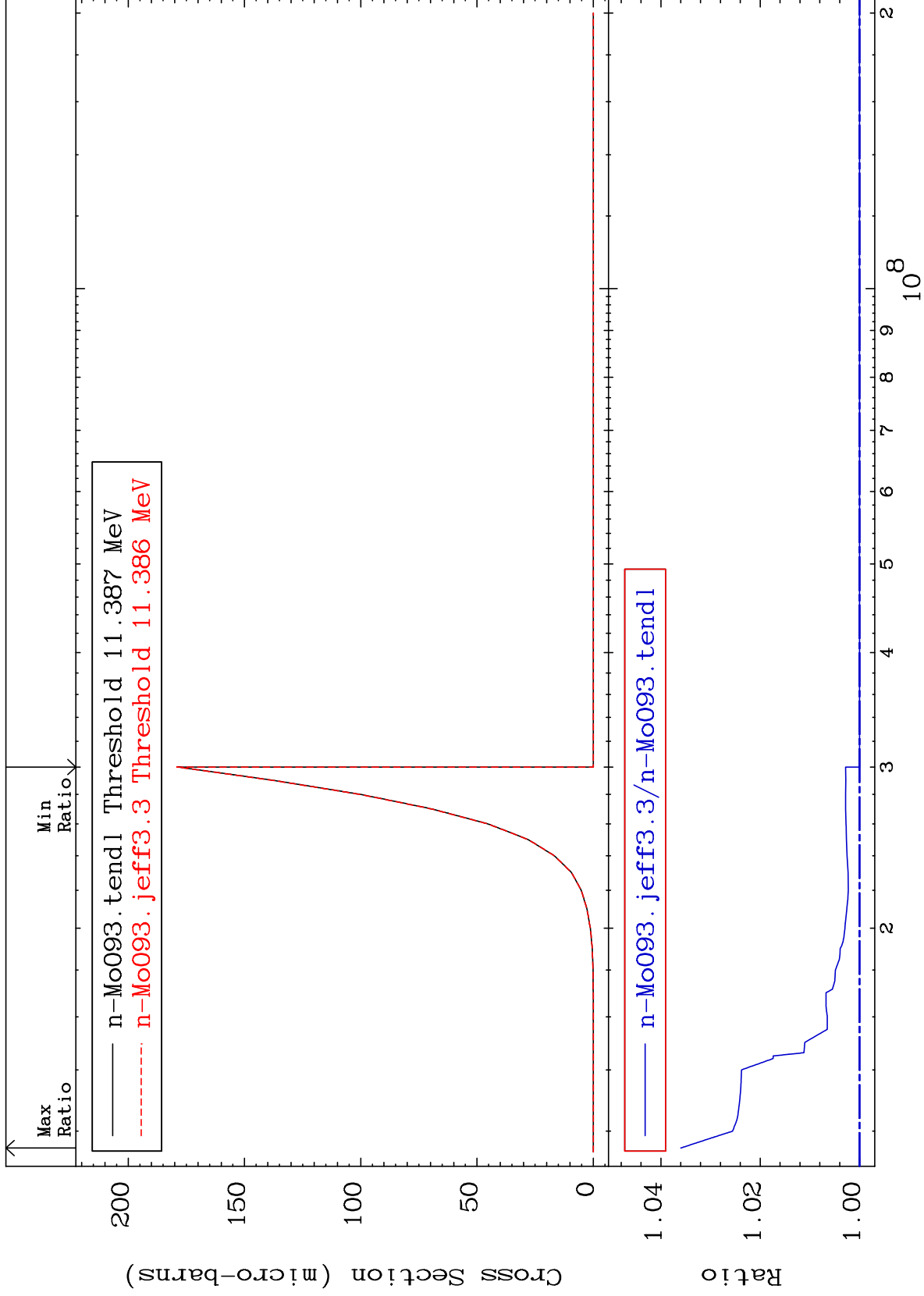
42-Mo-93

Cross Section

-31.26 To 7694. %



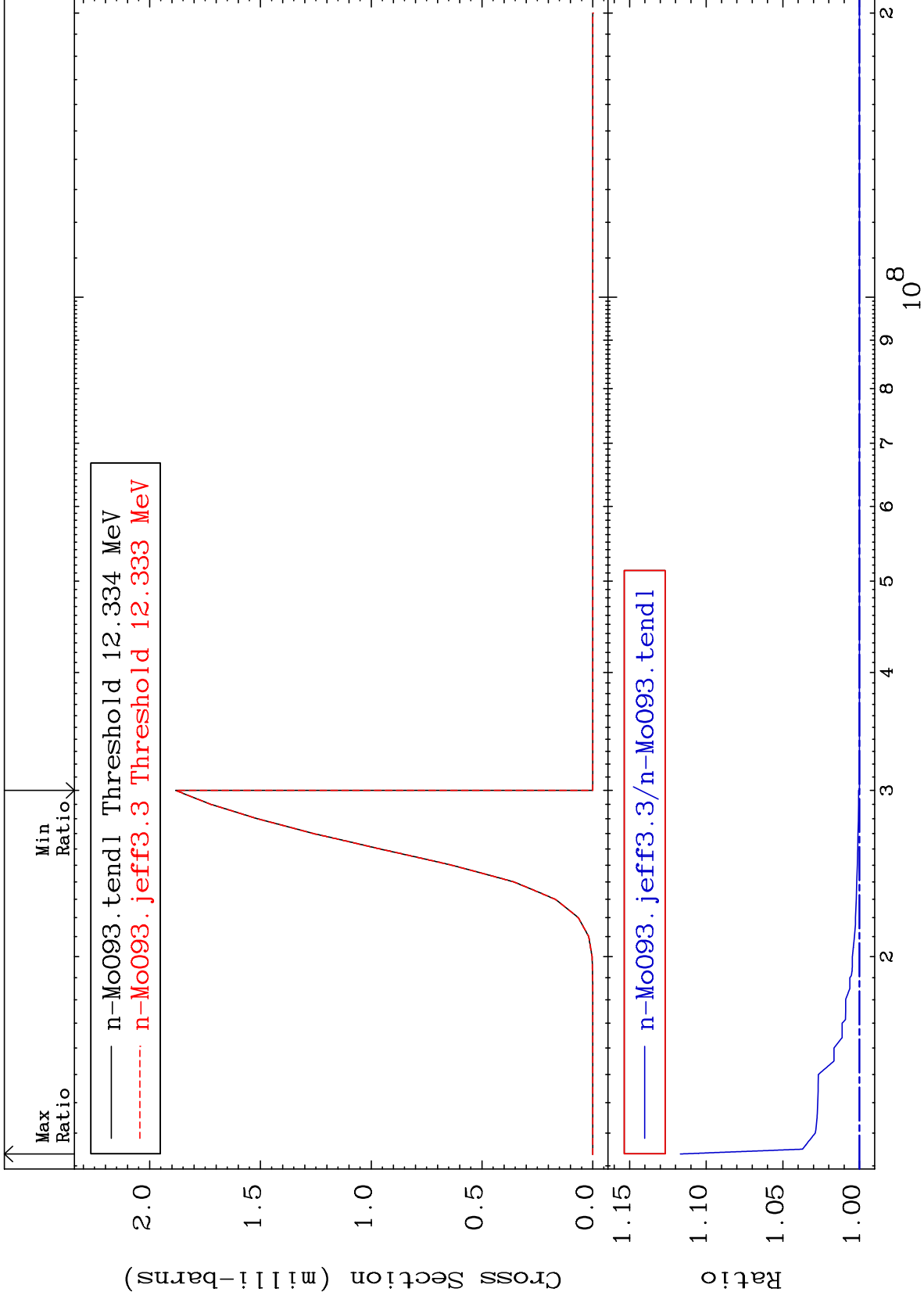


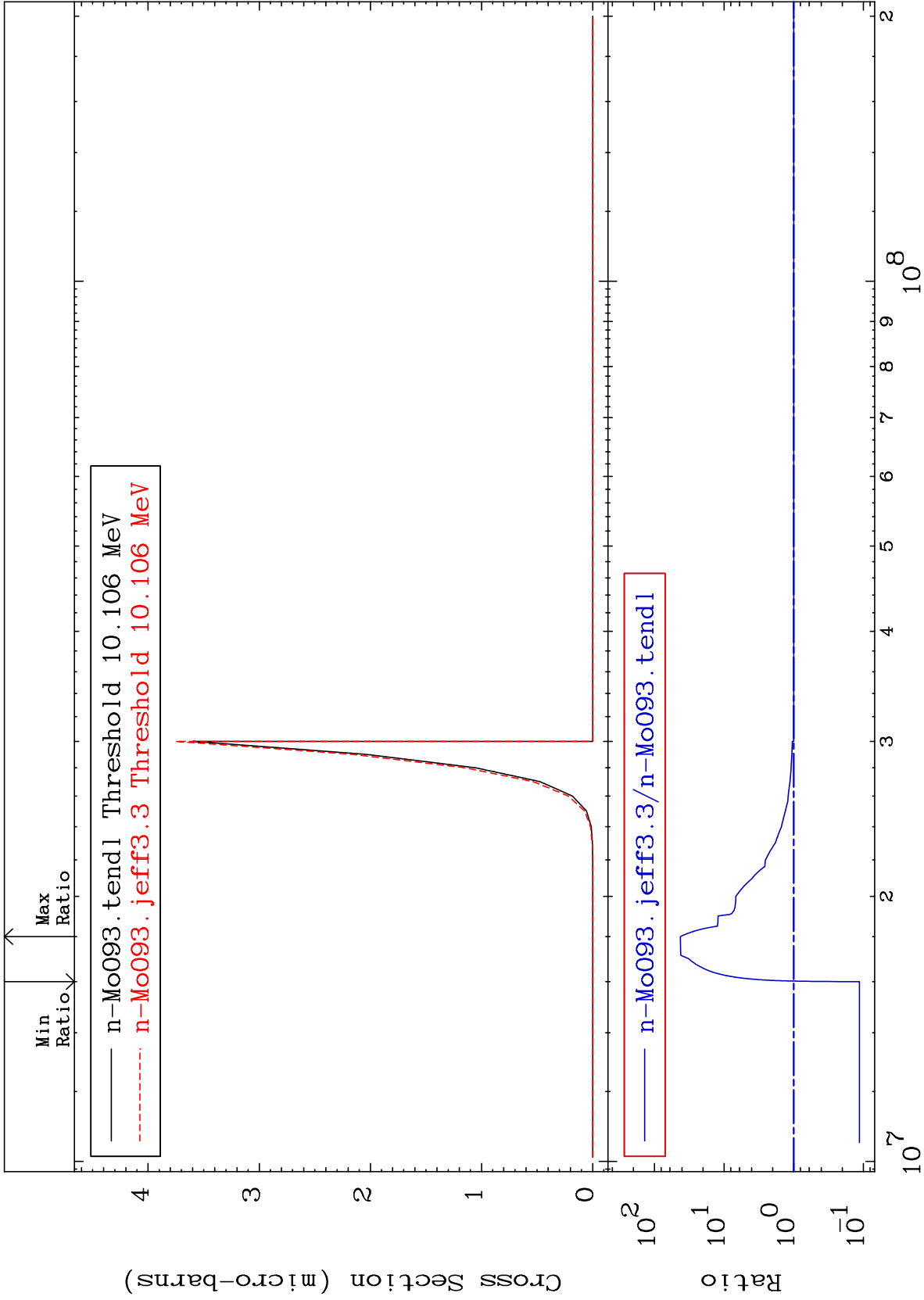


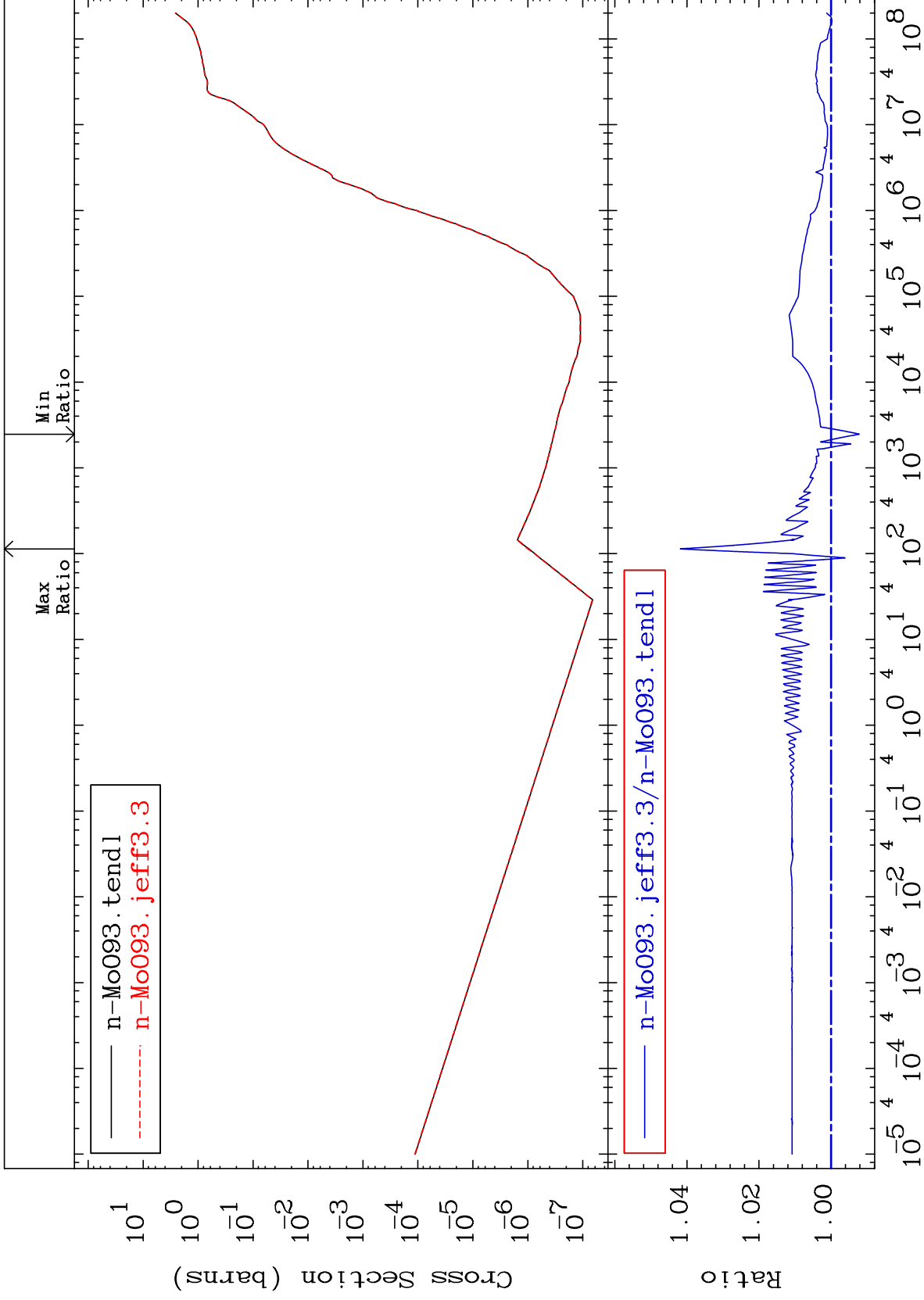
MAT 4228

(n,p) t  
Cross Section

42-Mo-93  
0.000 To 11.69 %



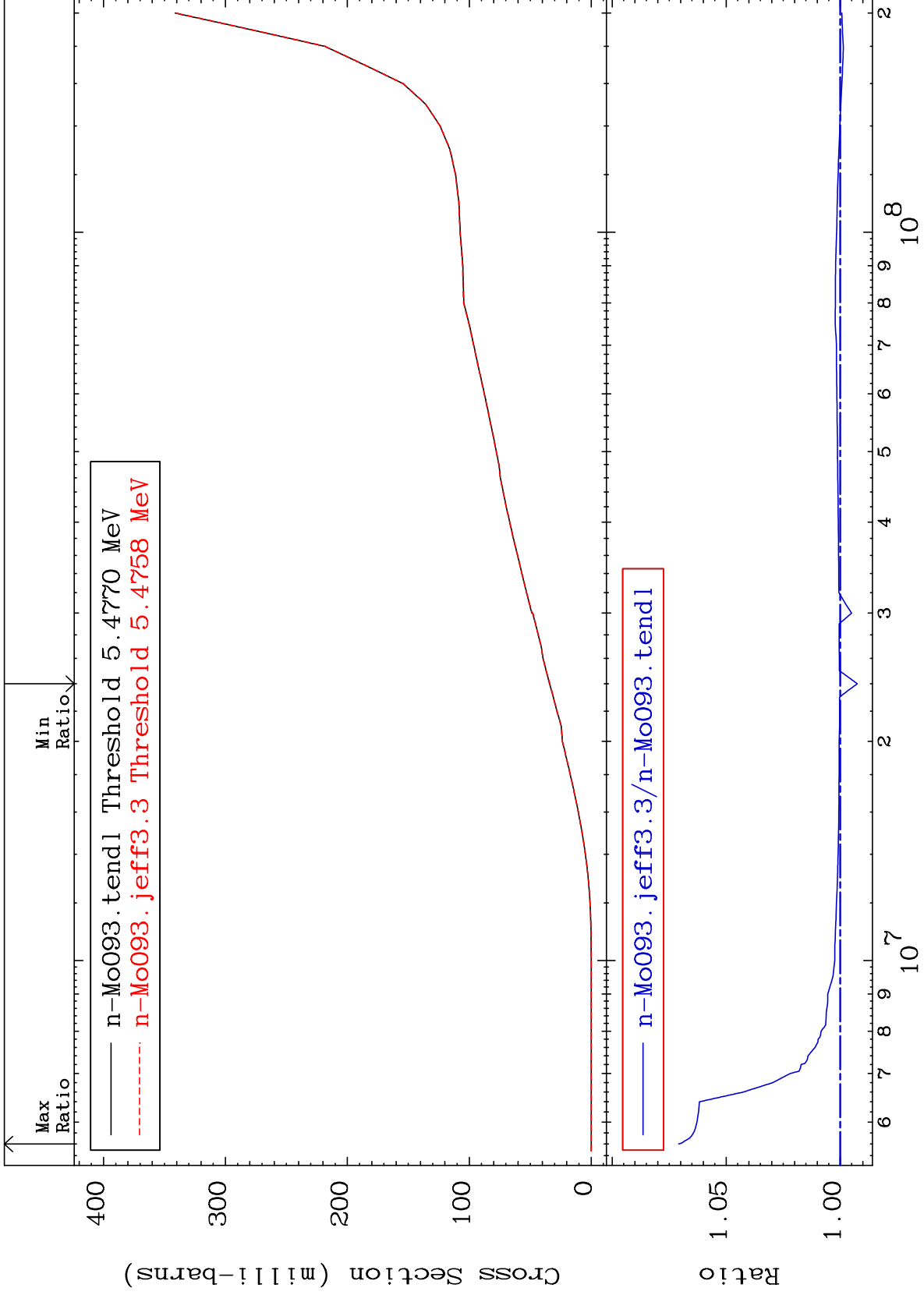




MAT 4228

Deuterium Production  
Cross Section

42-Mo-93  
-0.751 To 7.085 %



61

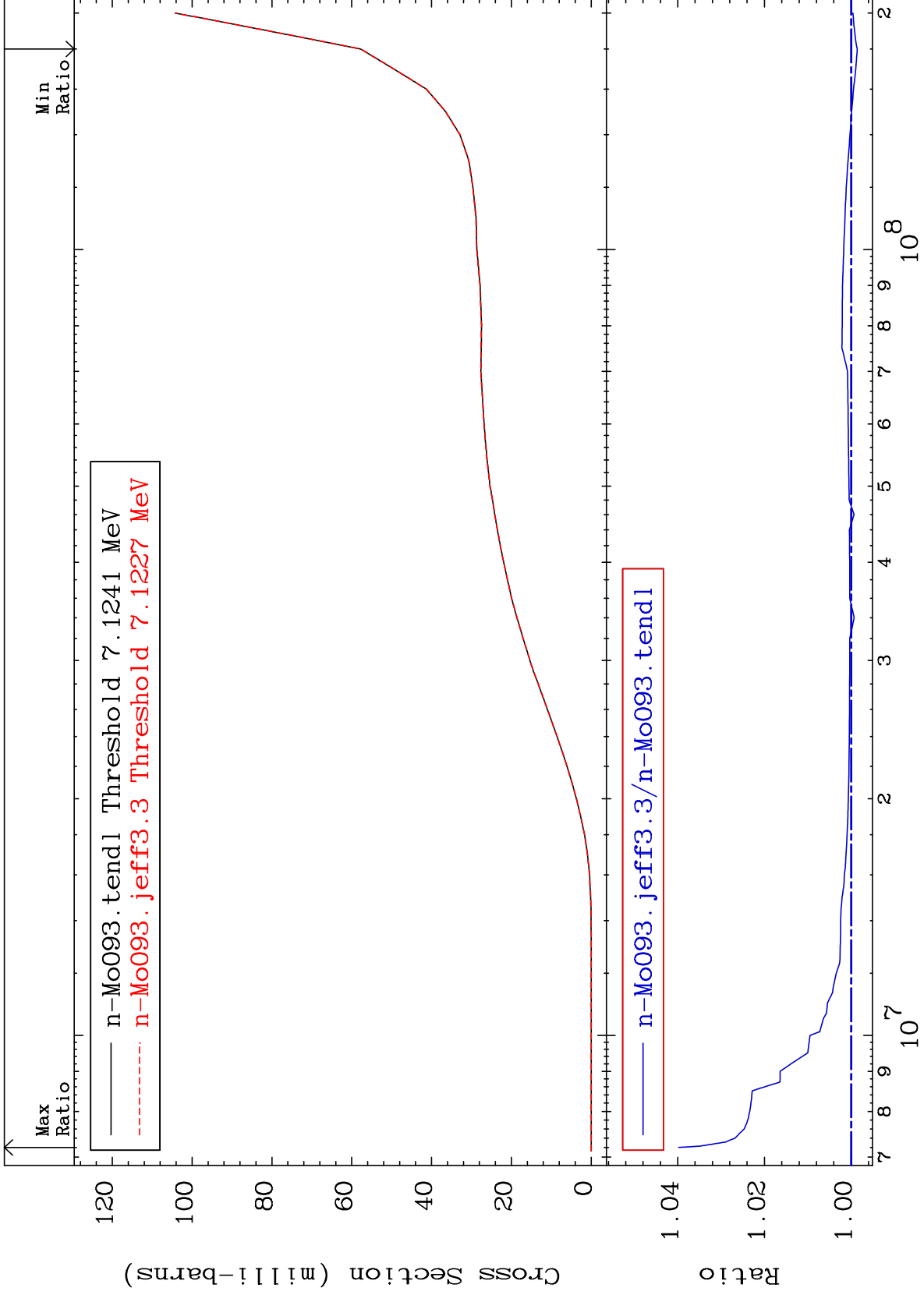
Incident Energy (eV)

42-Mo-93

MAT 4228

Tritium Production  
Cross Section

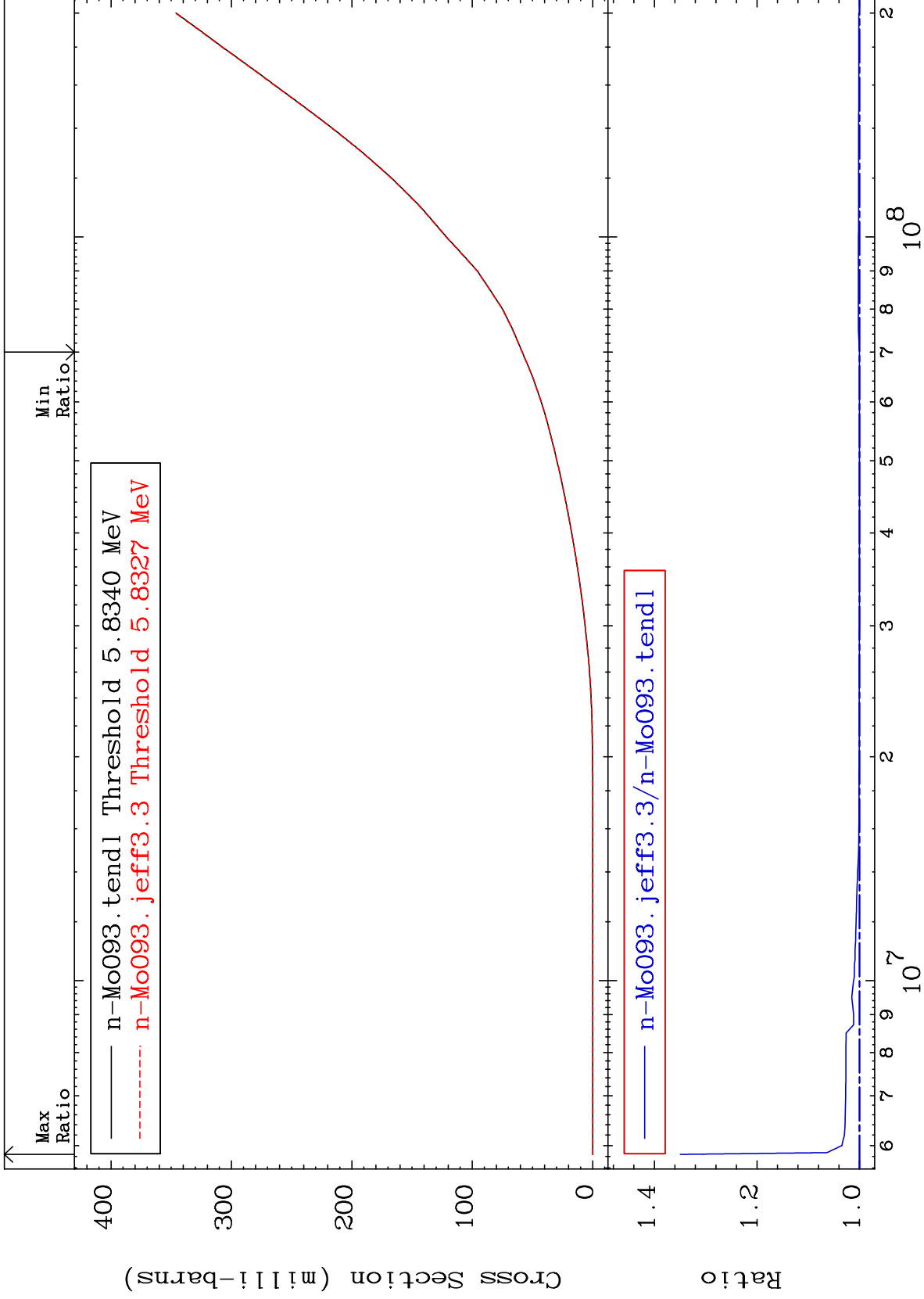
42-Mo-93  
-0.141 To 3.980 %



62

Incident Energy (eV)

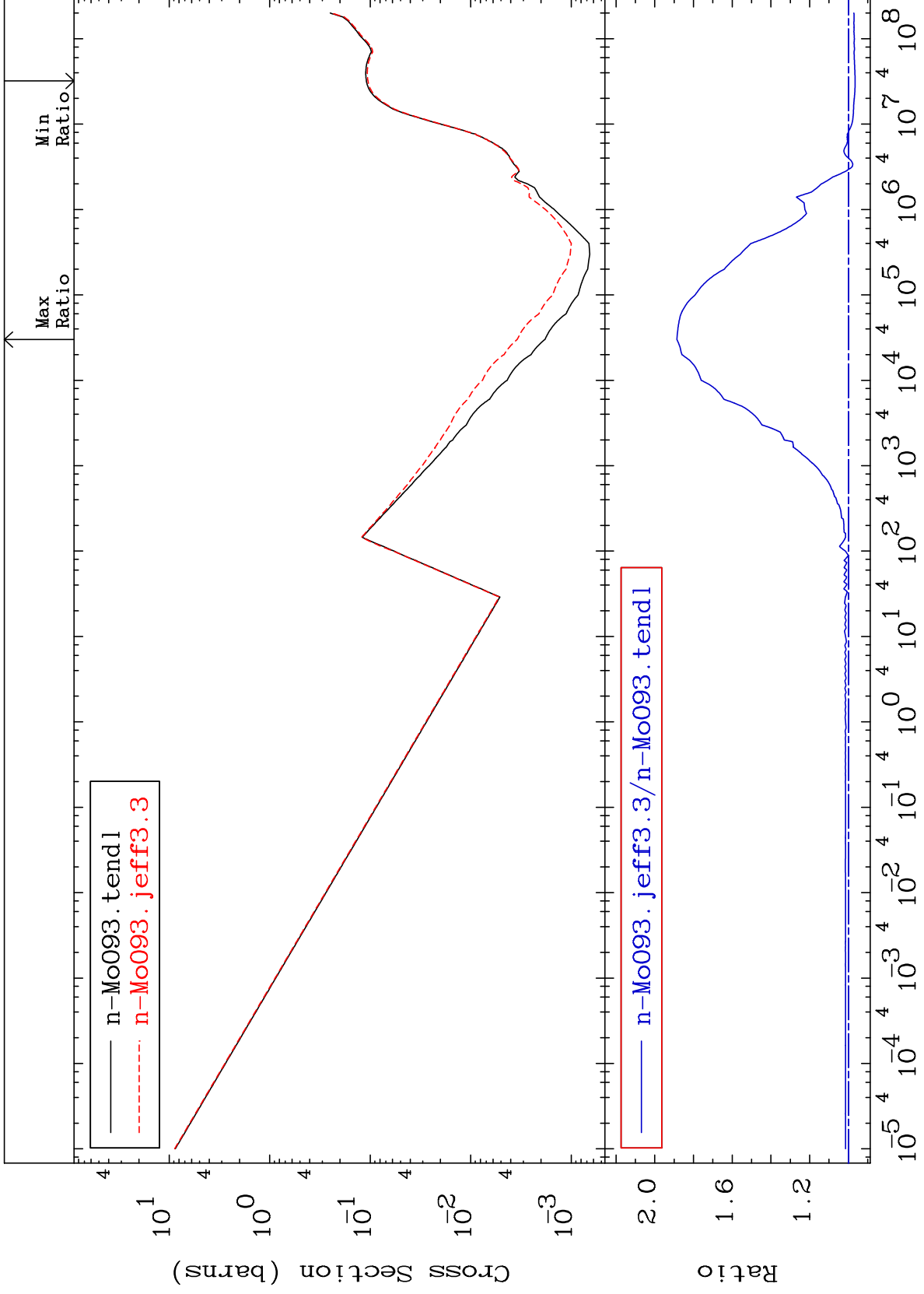
42-Mo-93



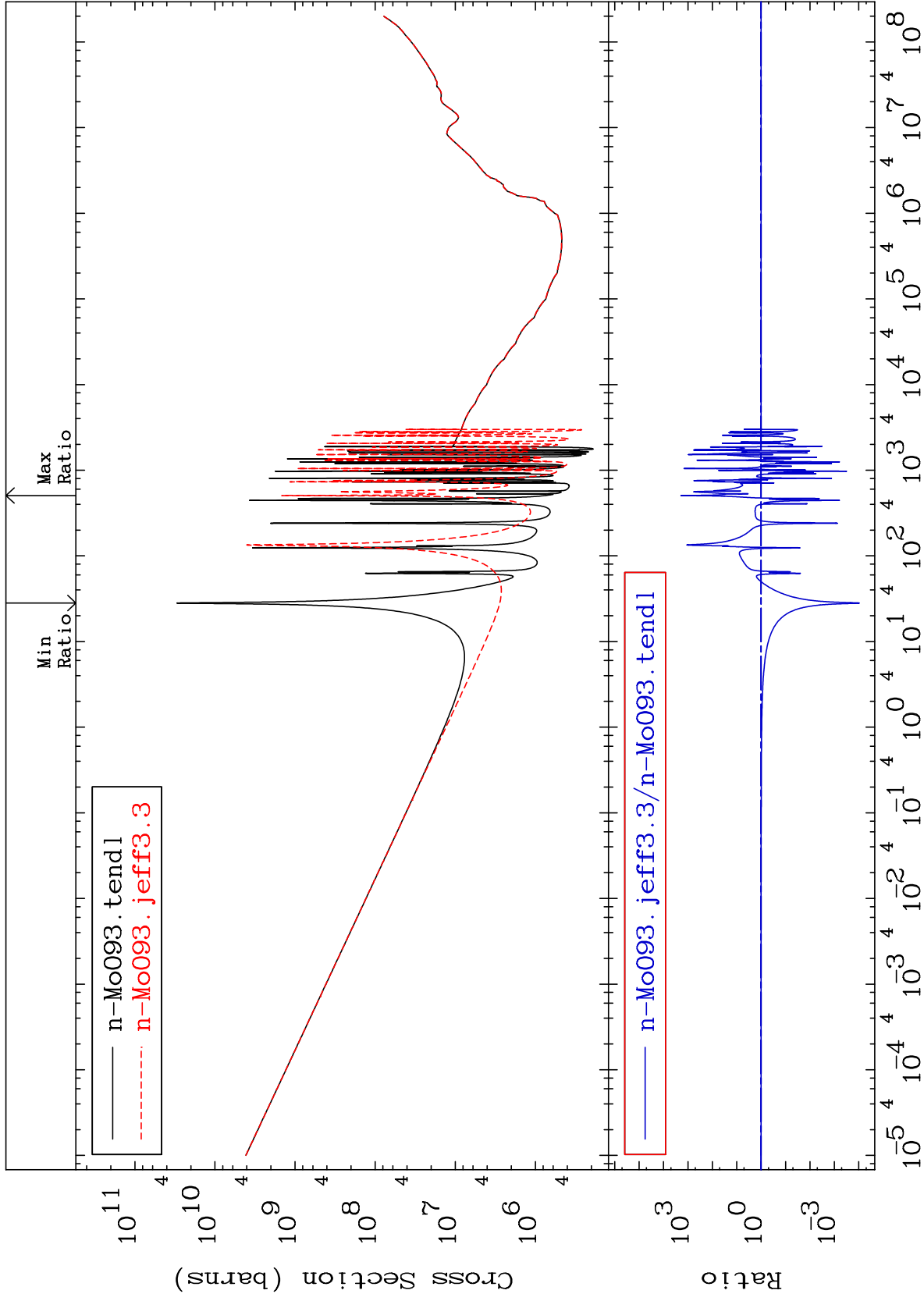
MAT 4228

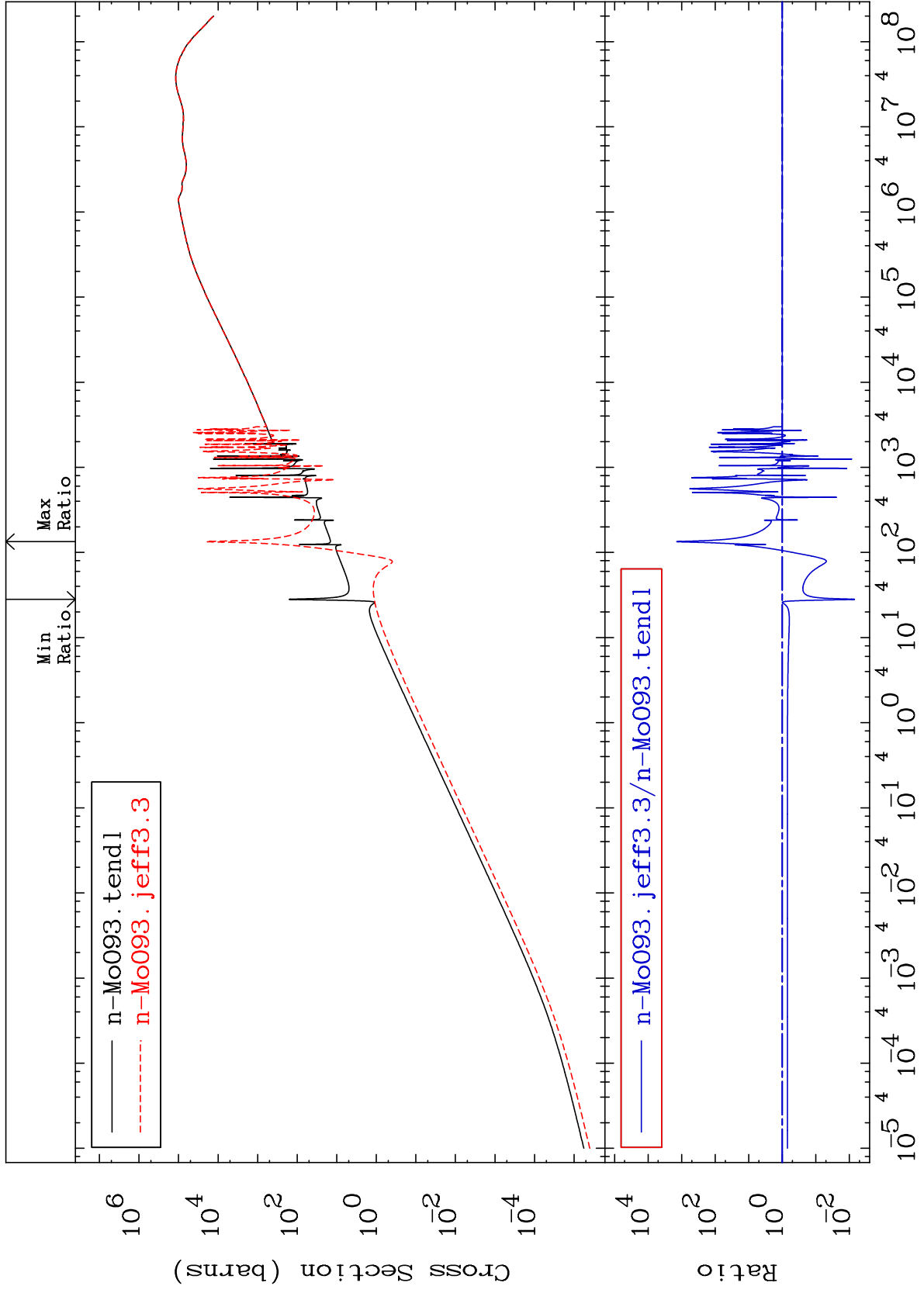
He-4 Production  
Cross Section

42-Mo-93  
-3.470 To 88.56 %

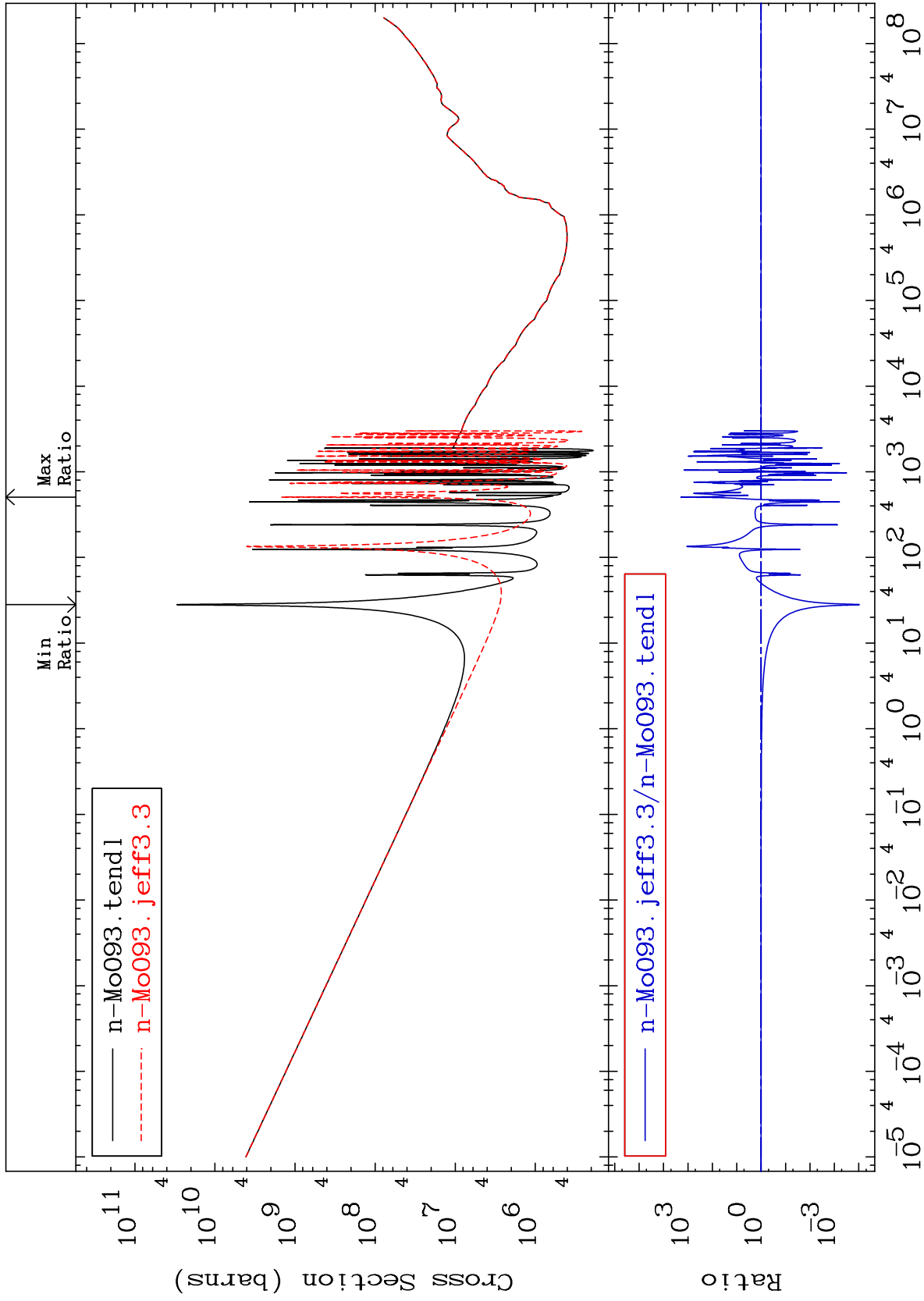


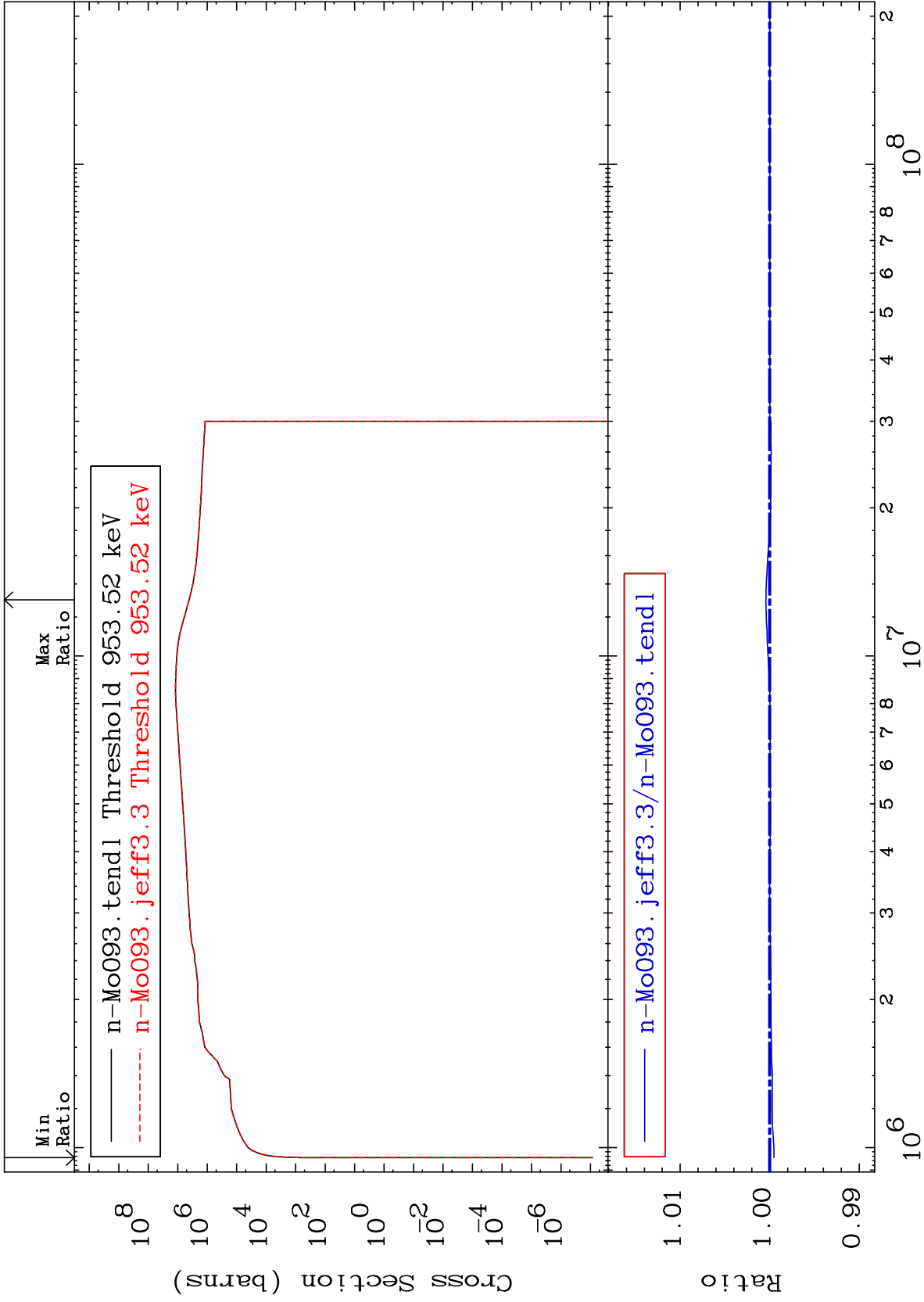


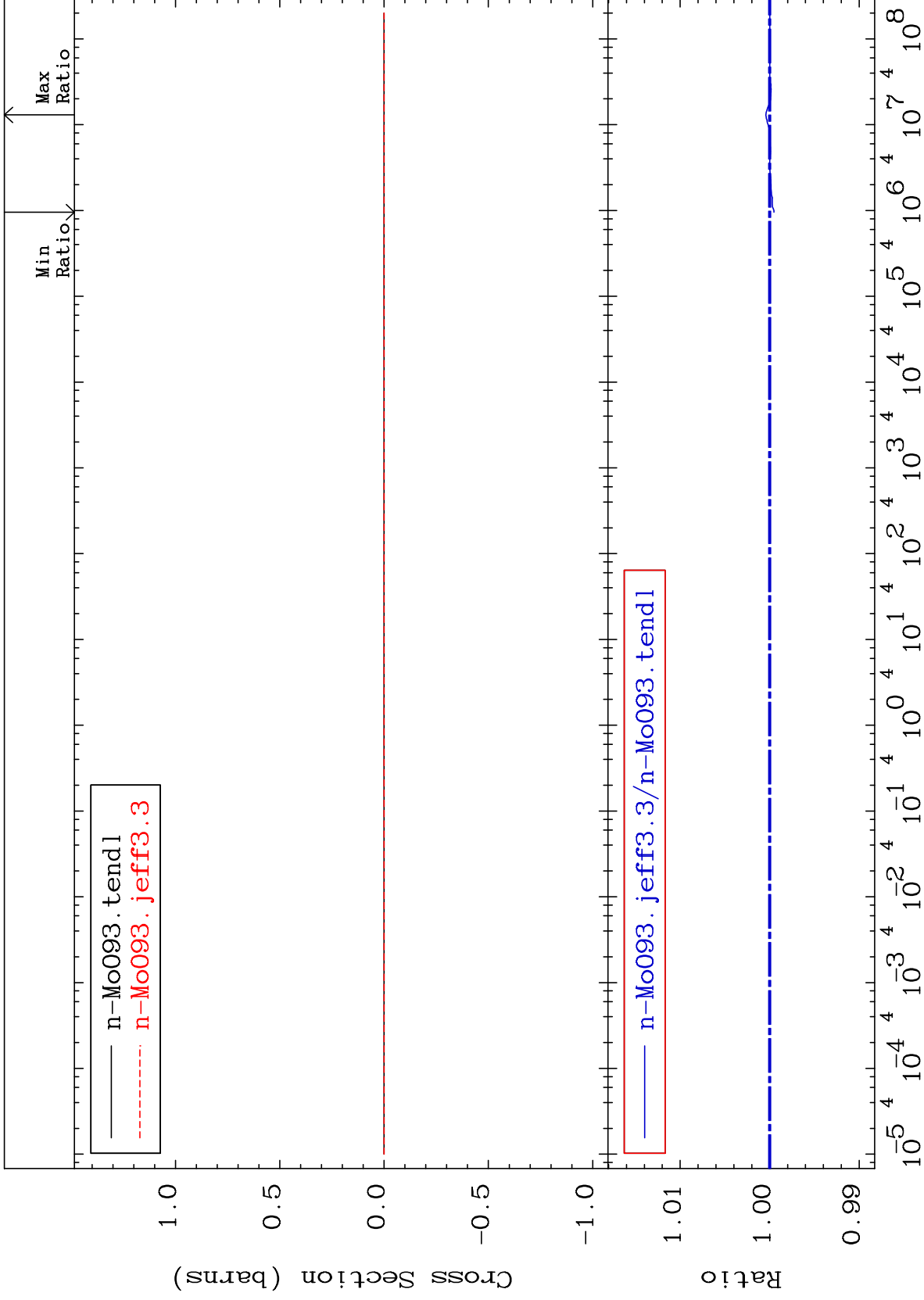


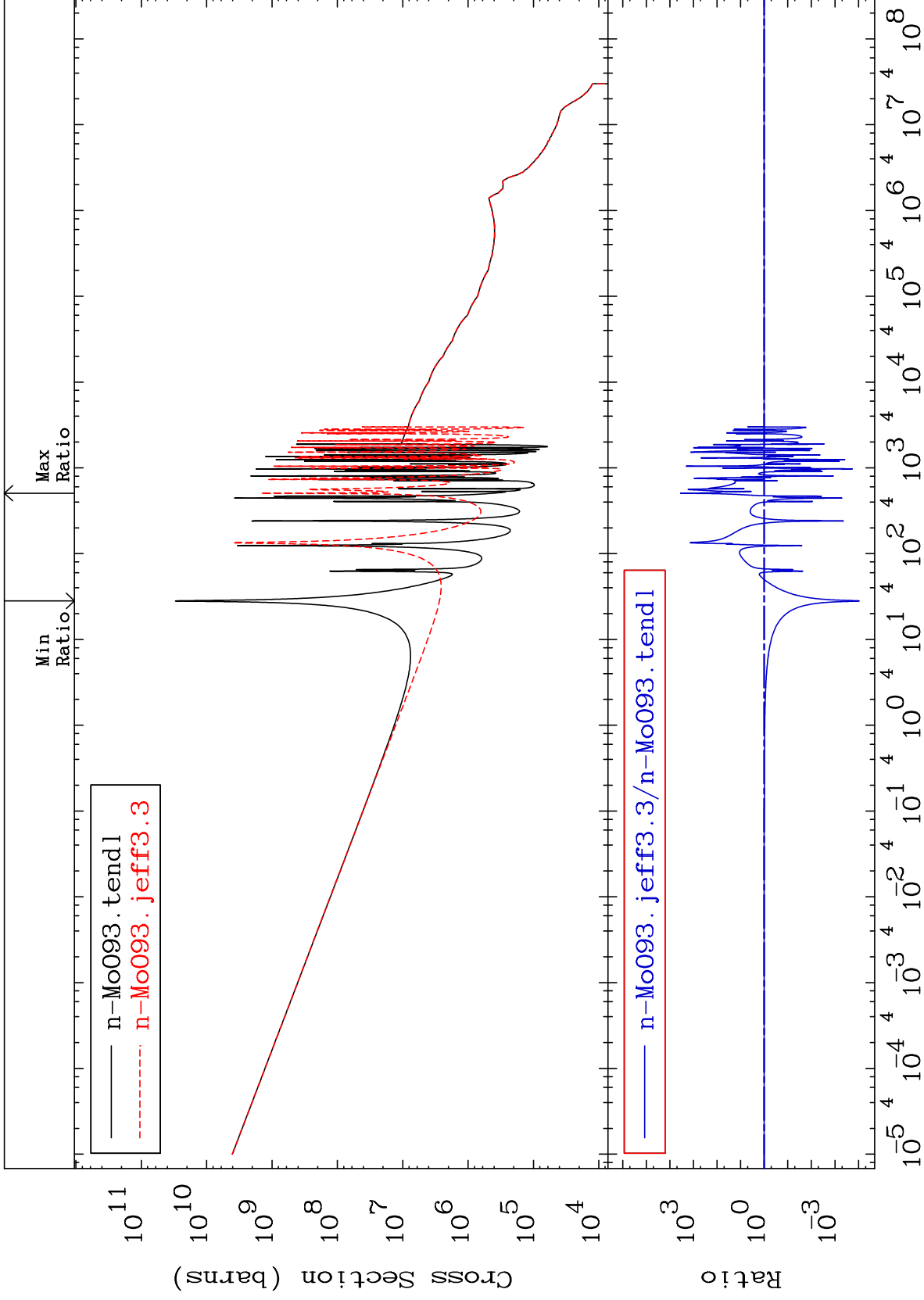


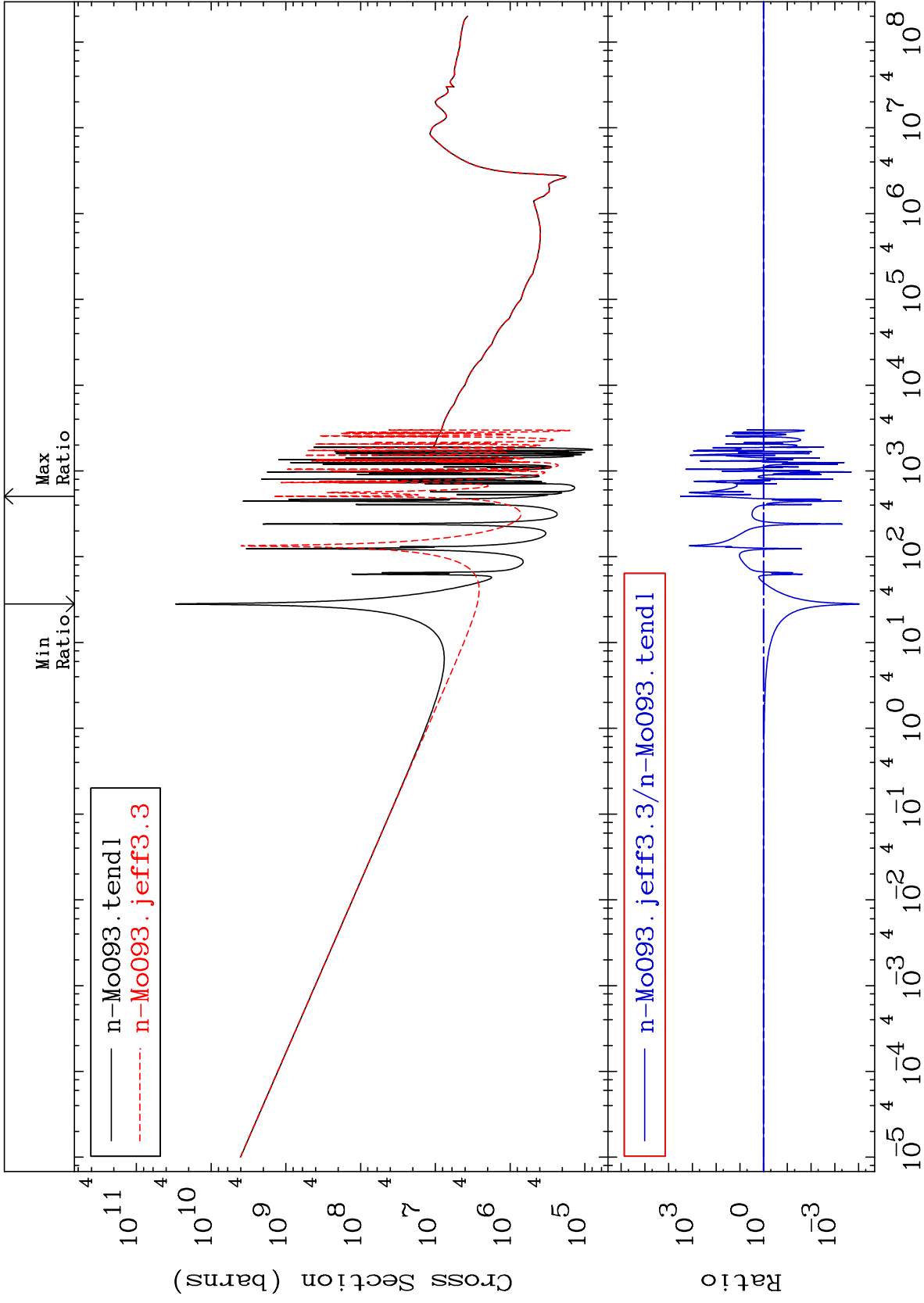
Cross Section

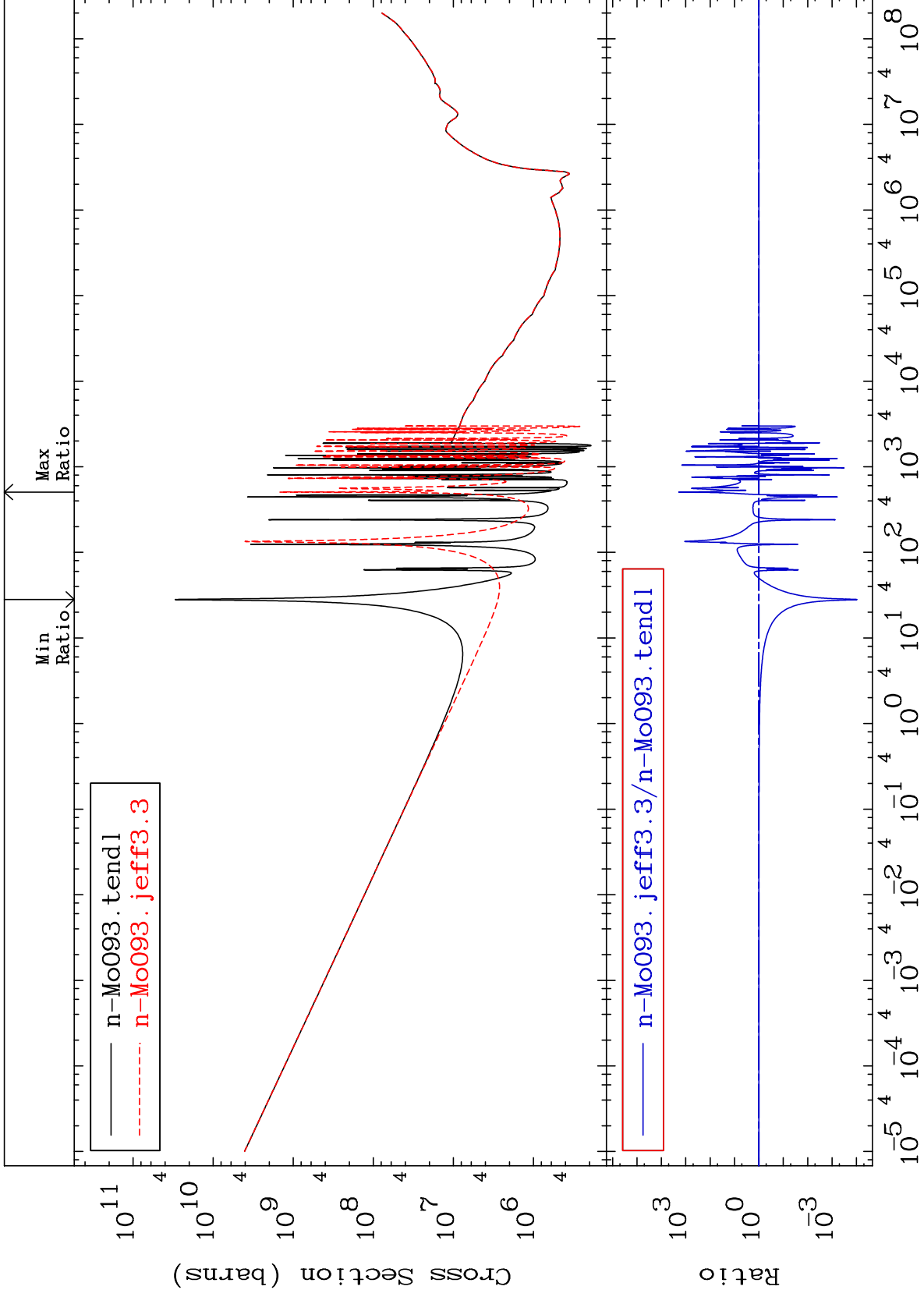




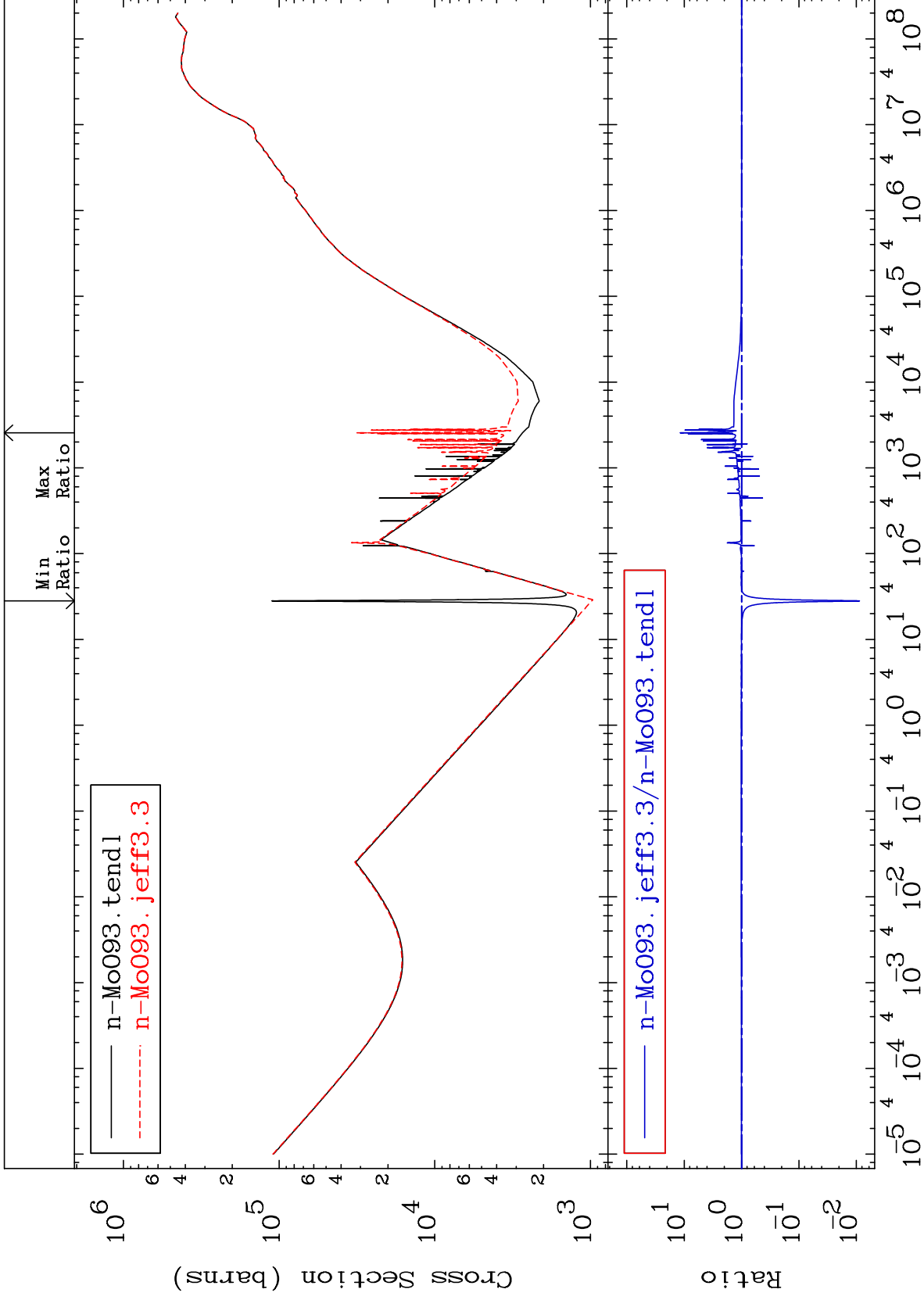


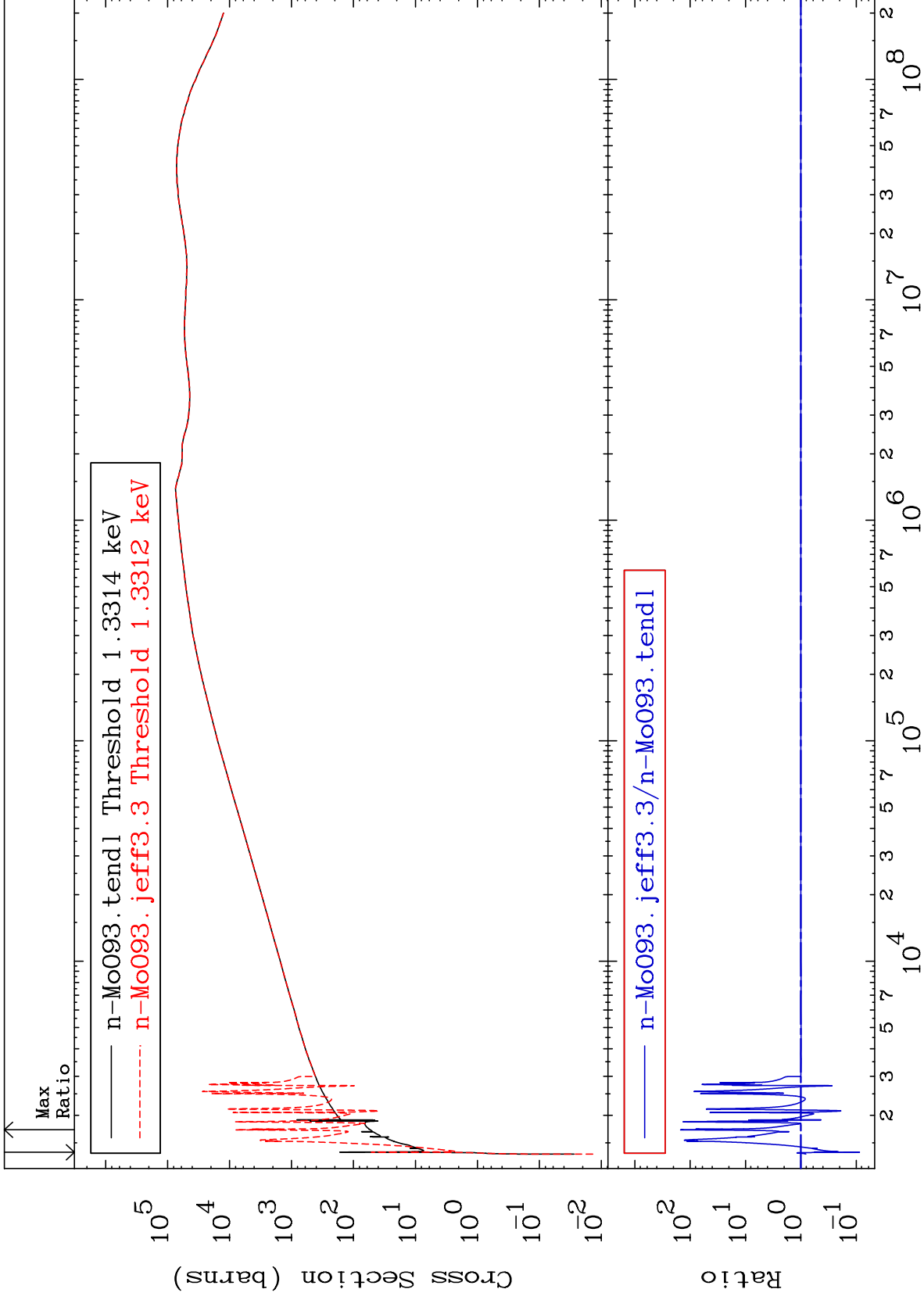








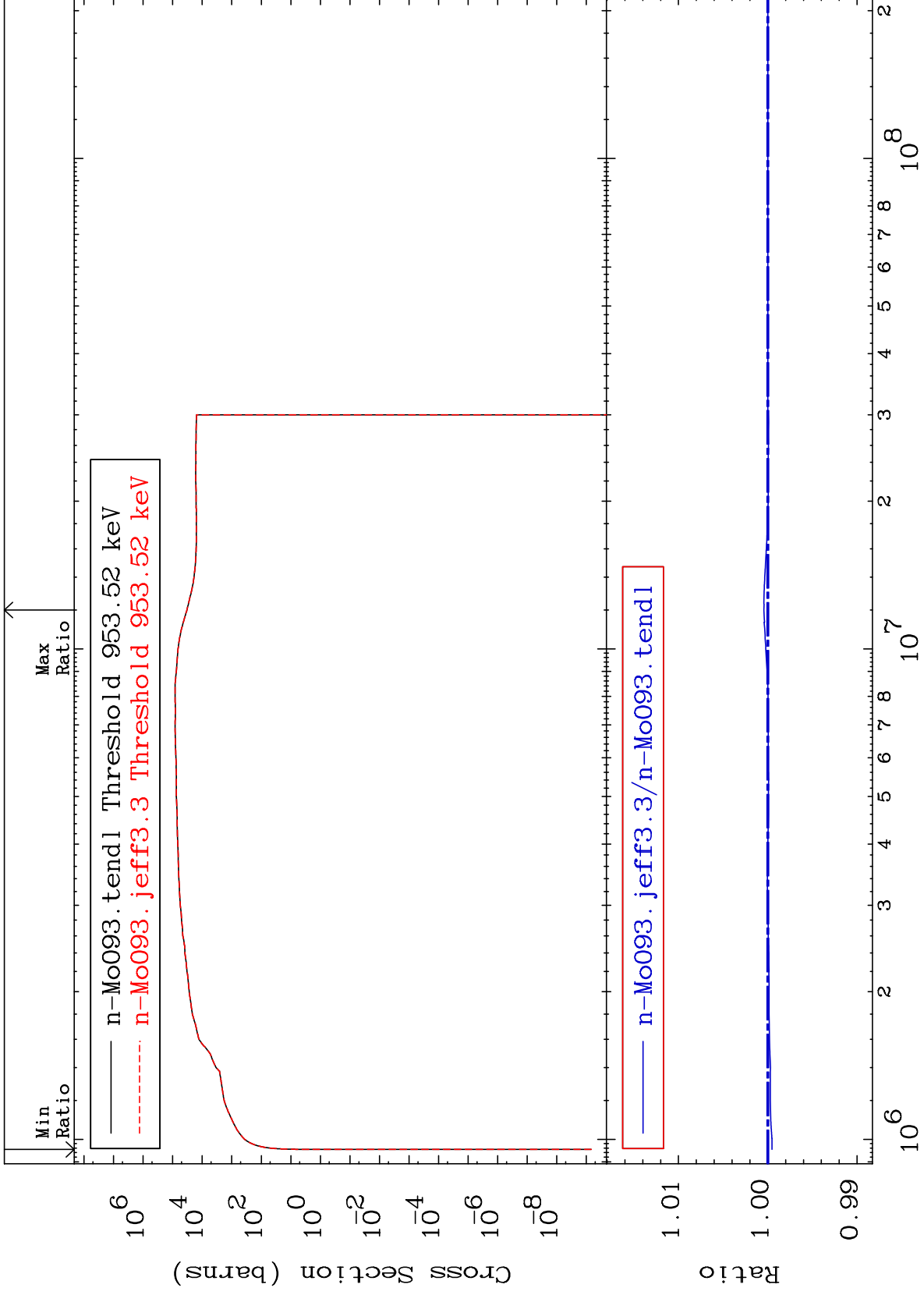




MAT 4228

Dpa inelastic (mt51-91)  
Cross Section

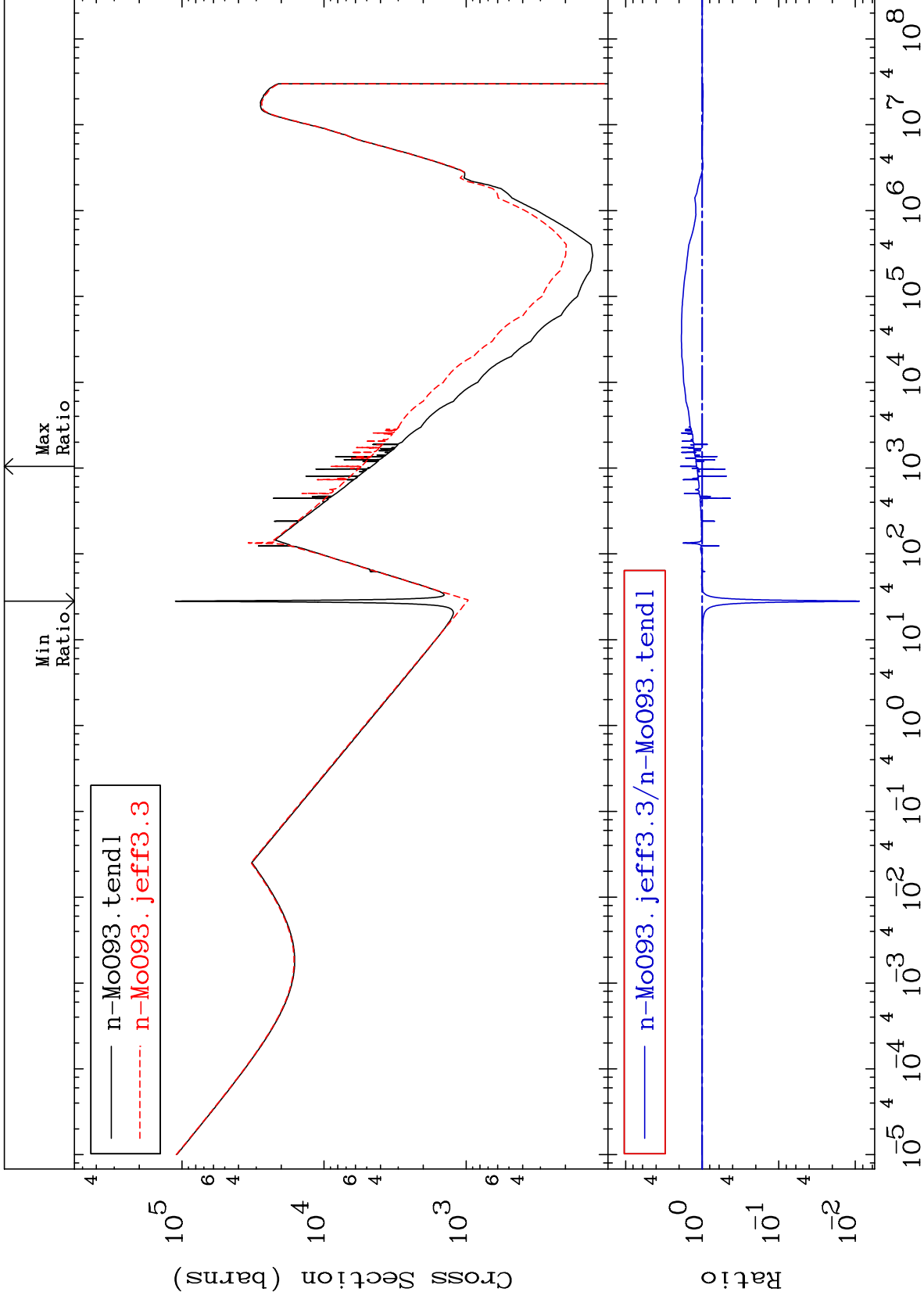
42-Mo-93  
-0.047 To 0.043 %



75

Incident Energy (eV)

42-Mo-93

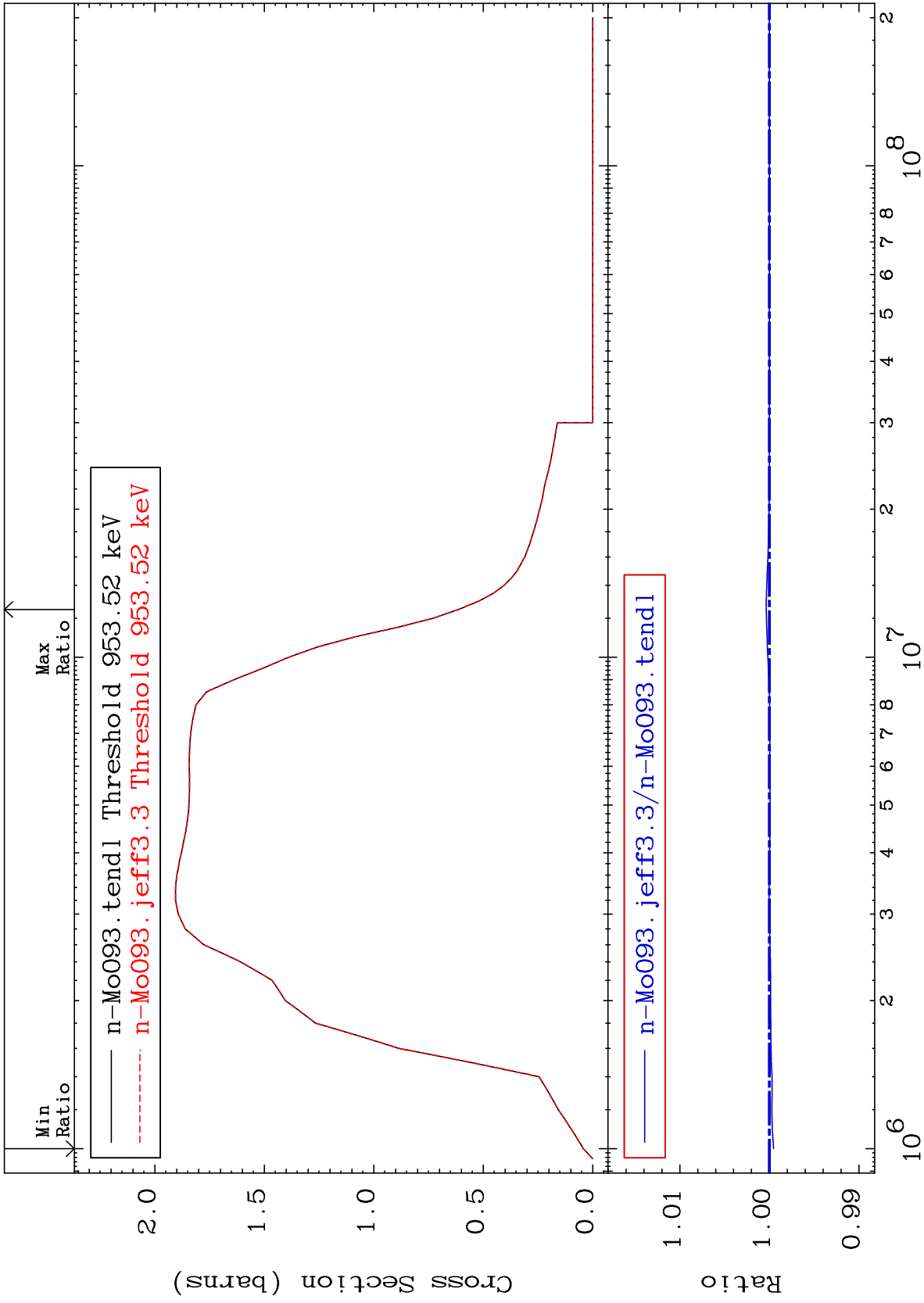


MAT 4228

42-Mo-93

Inelastic: 42-Mo-93g

Radionuclide Production Cross Section -0.047 To 0.035 %

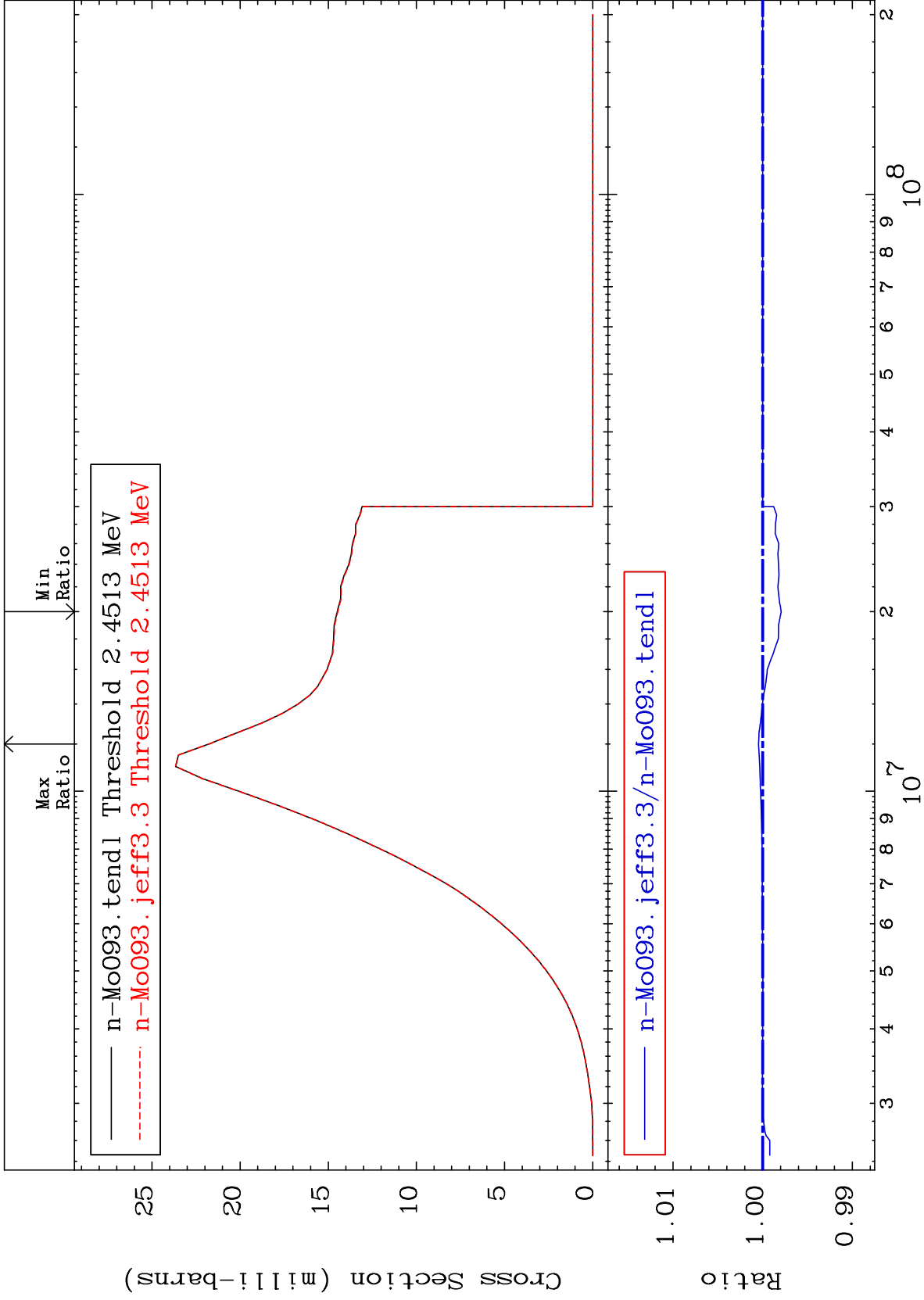


77

Incident Energy (eV)

42-Mo-93

Radionuclide Production Cross Section -0.207 To 0.045 %

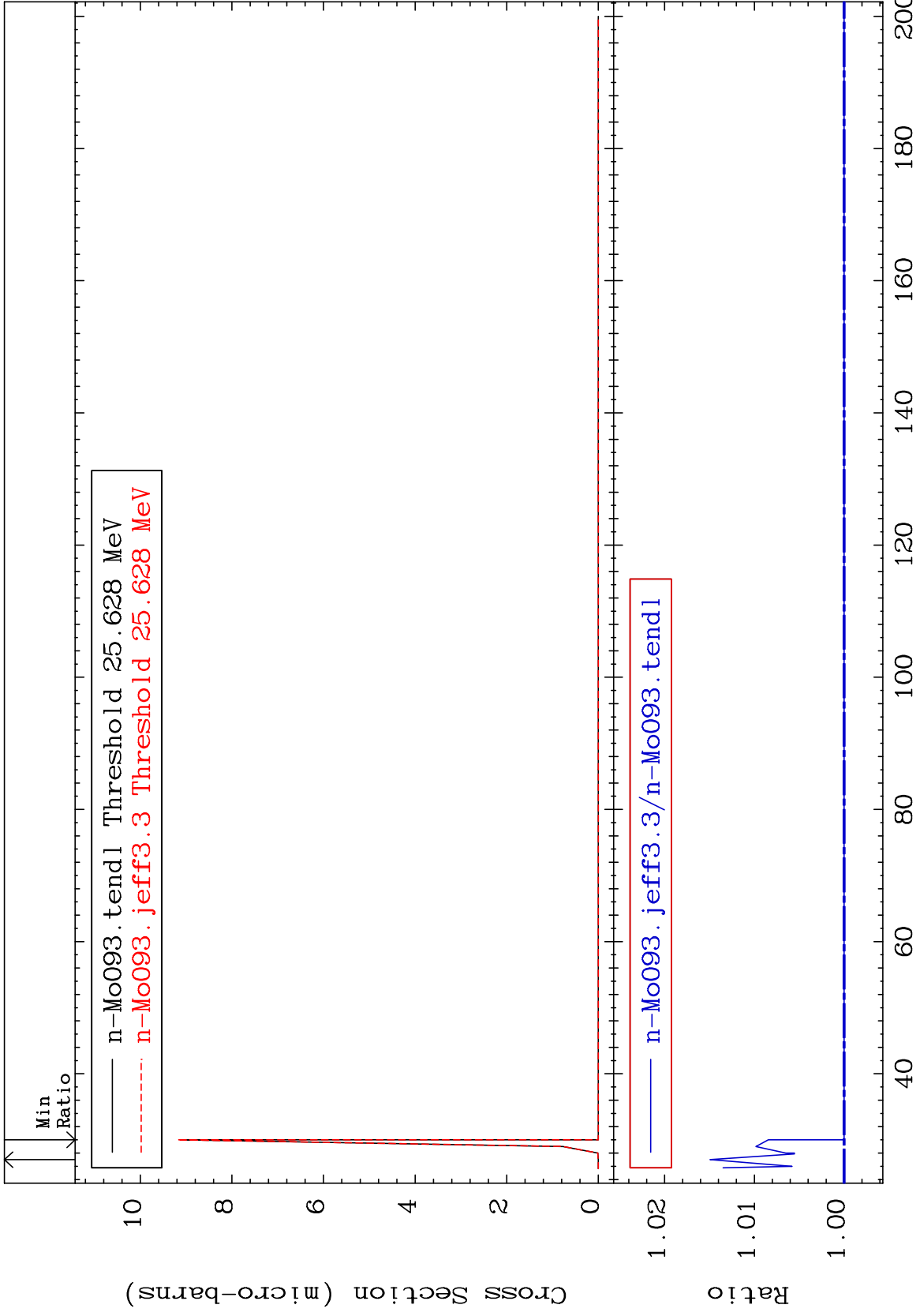


MAT 4228

(n,2n) d:41-Nb-90g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 1.493 %

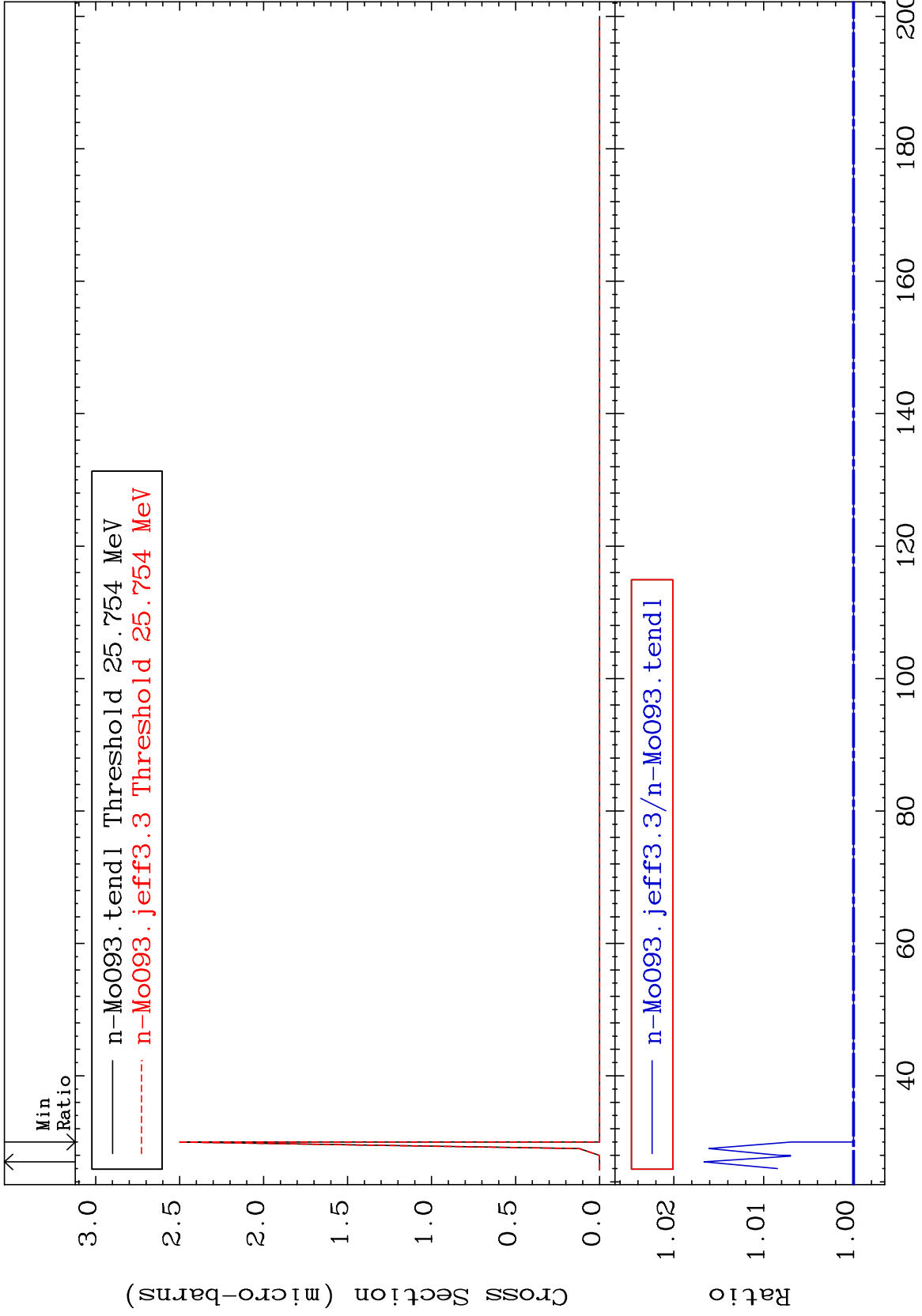


MAT 4228

(n,2n) d:41-Nb-90m2

42-Mo-93

Radionuclide Production Cross Section 0.000 To 1.663 %



80

Incident Energy (MeV)

42-Mo-93

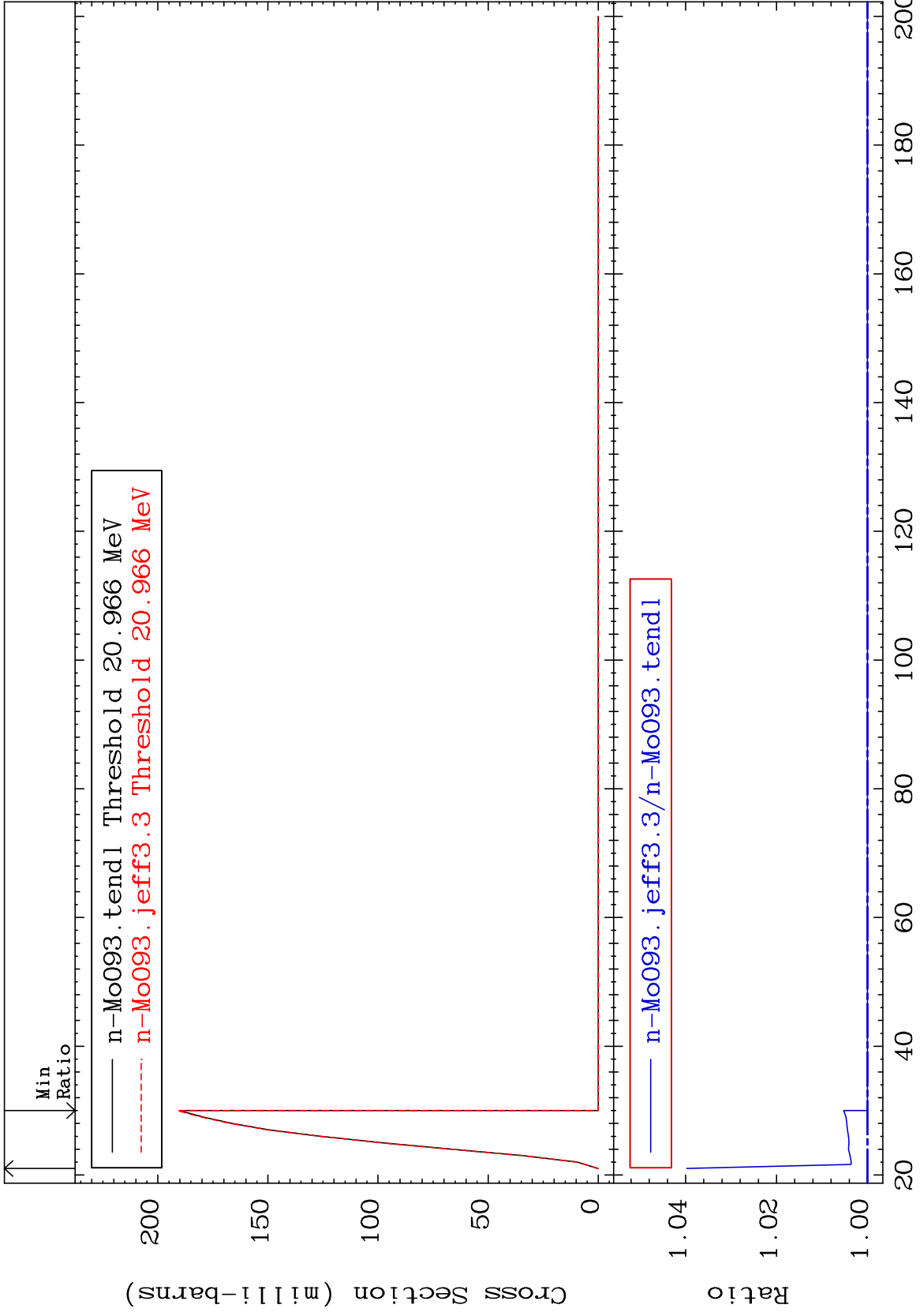


MAT 4228

(n,3n): 42-Mo-91g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 3.976 %



81

Incident Energy (MeV)

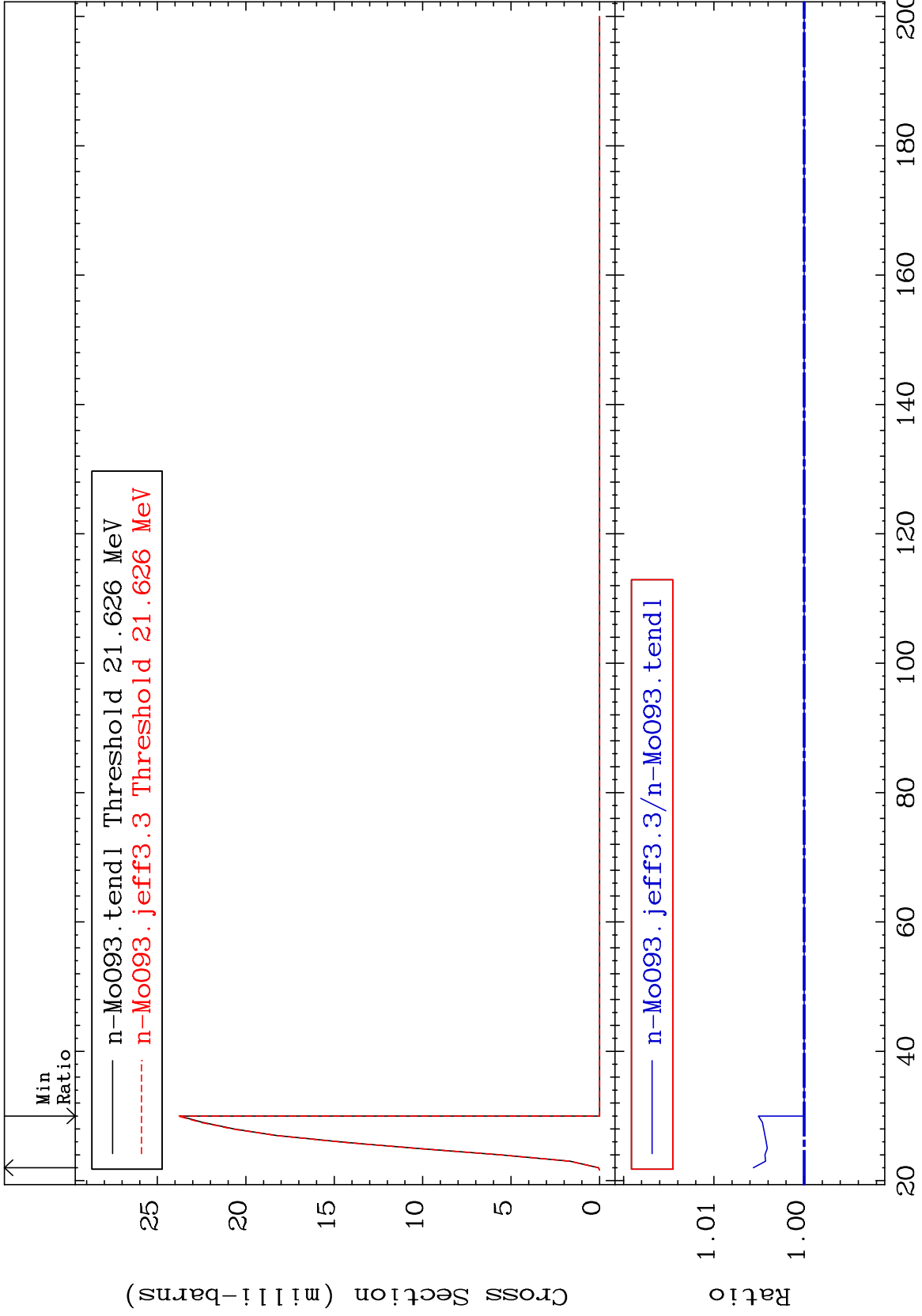
42-Mo-93

MAT 4228

(n,3n):42-Mo-91m1

42-Mo-93

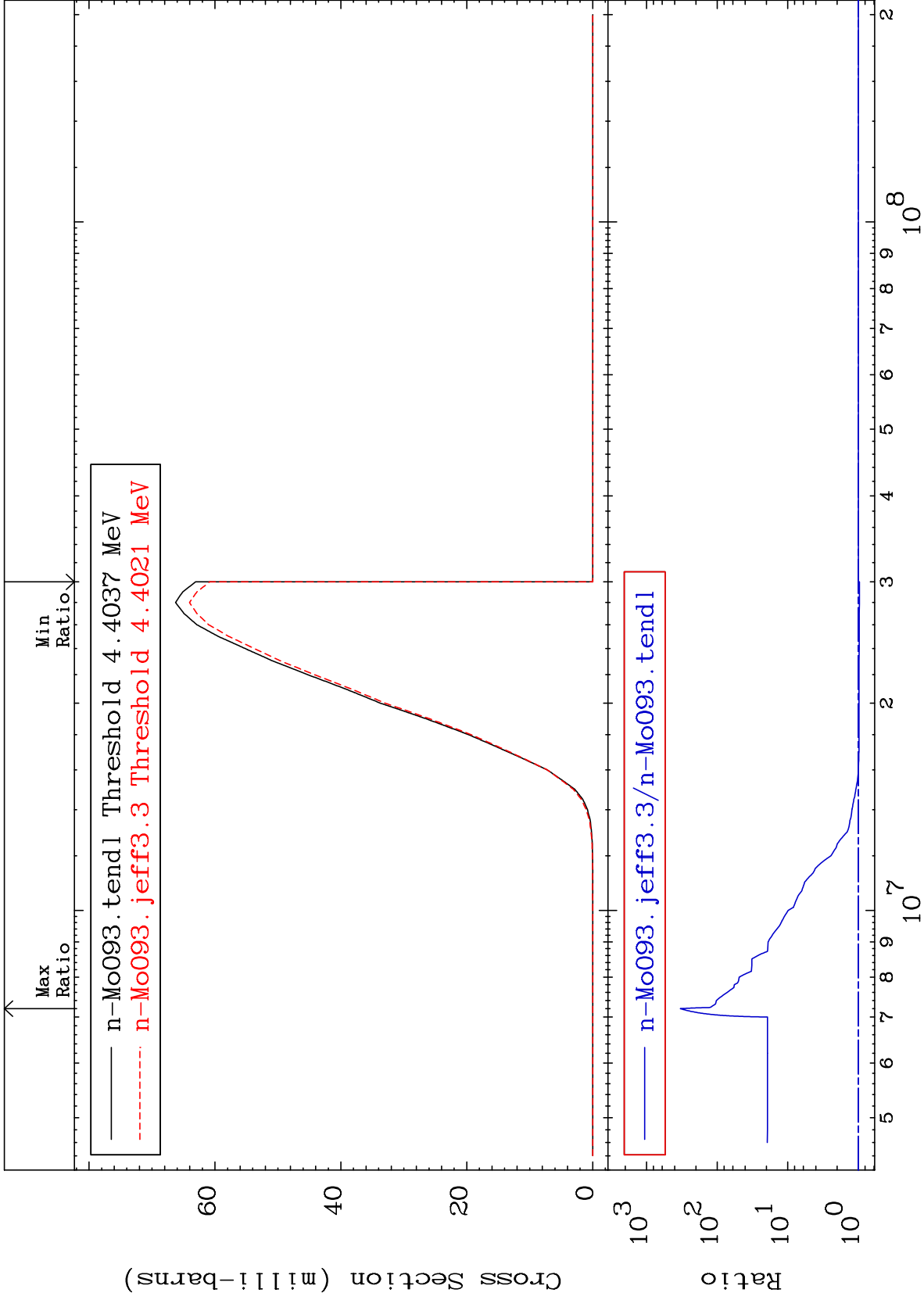
Radionuclide Production Cross Section 0.000 To 0.563 %



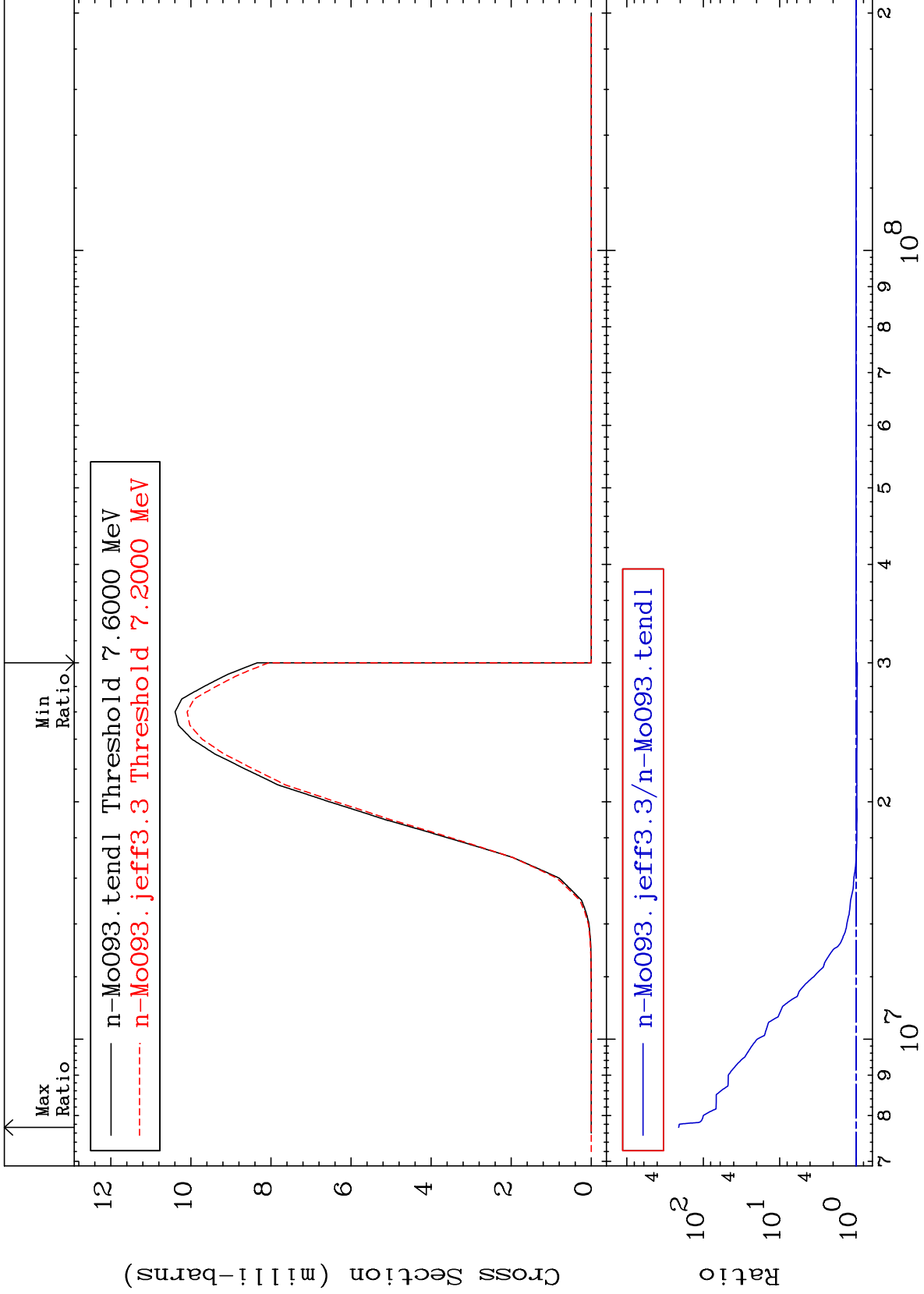
82

Incident Energy (MeV)

42-Mo-93



Radionuclide Production Cross Section -3.423 To 9999. %

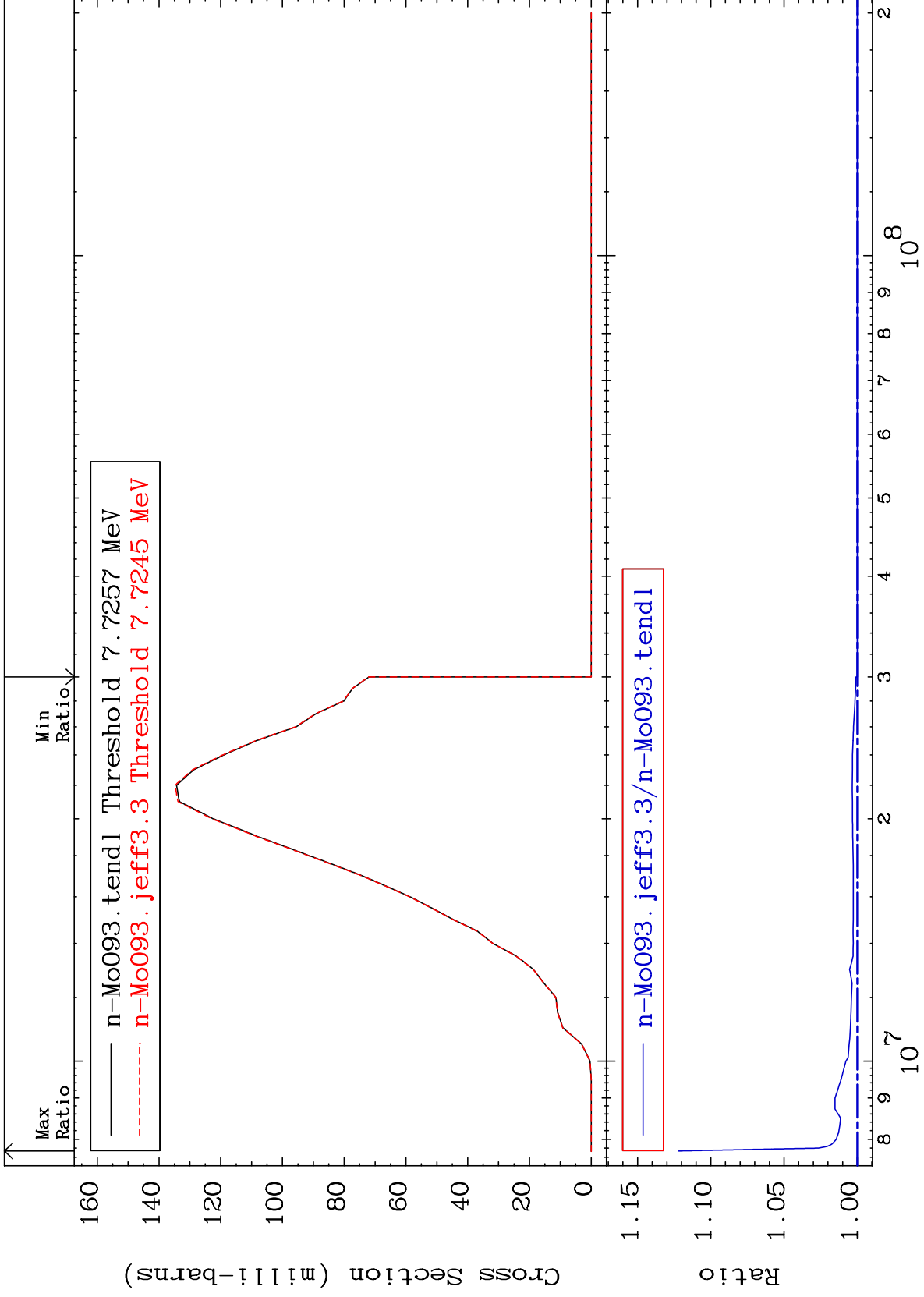


MAT 4228

(n, n') p:41-Nb-92g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 12.20 %

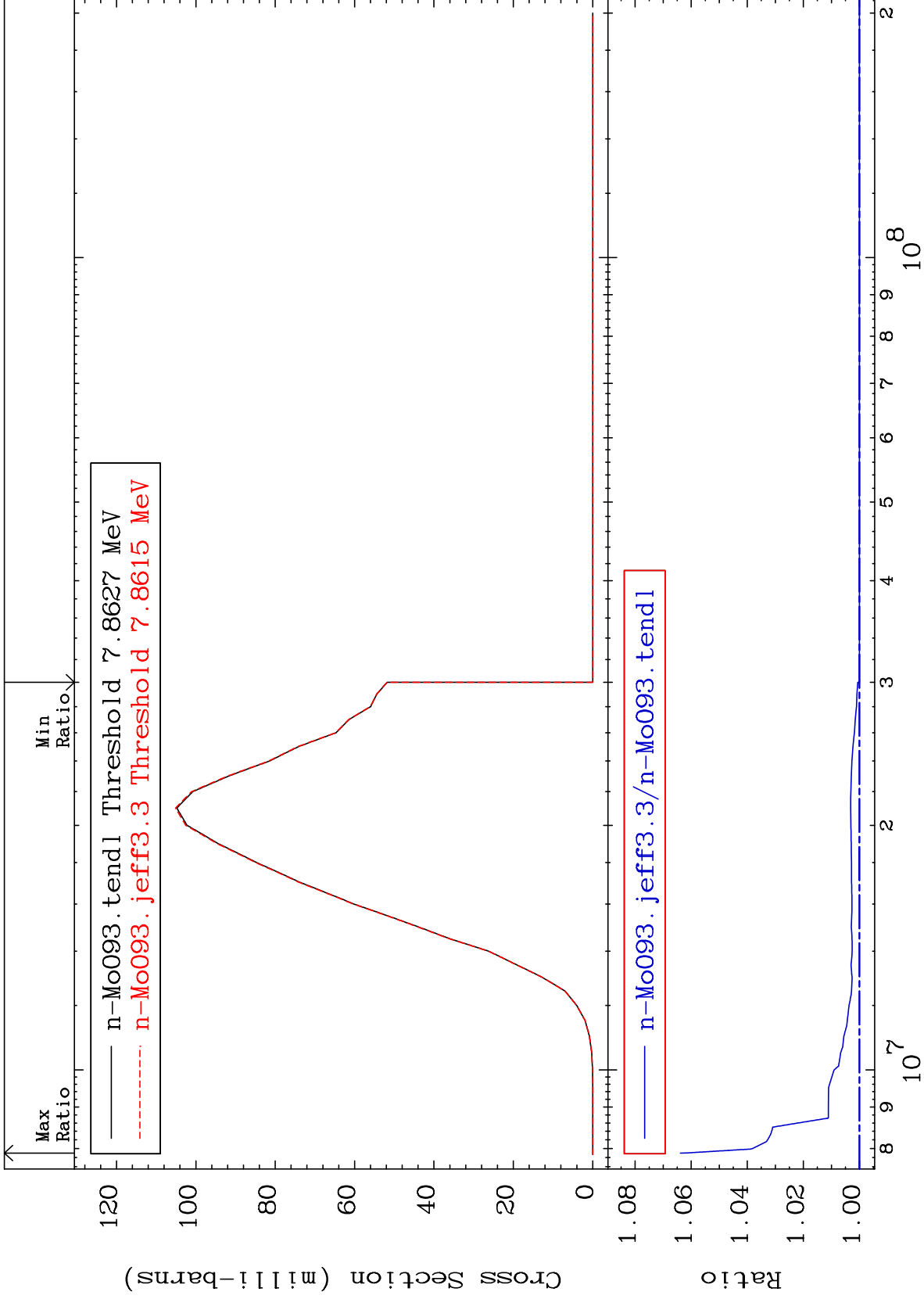


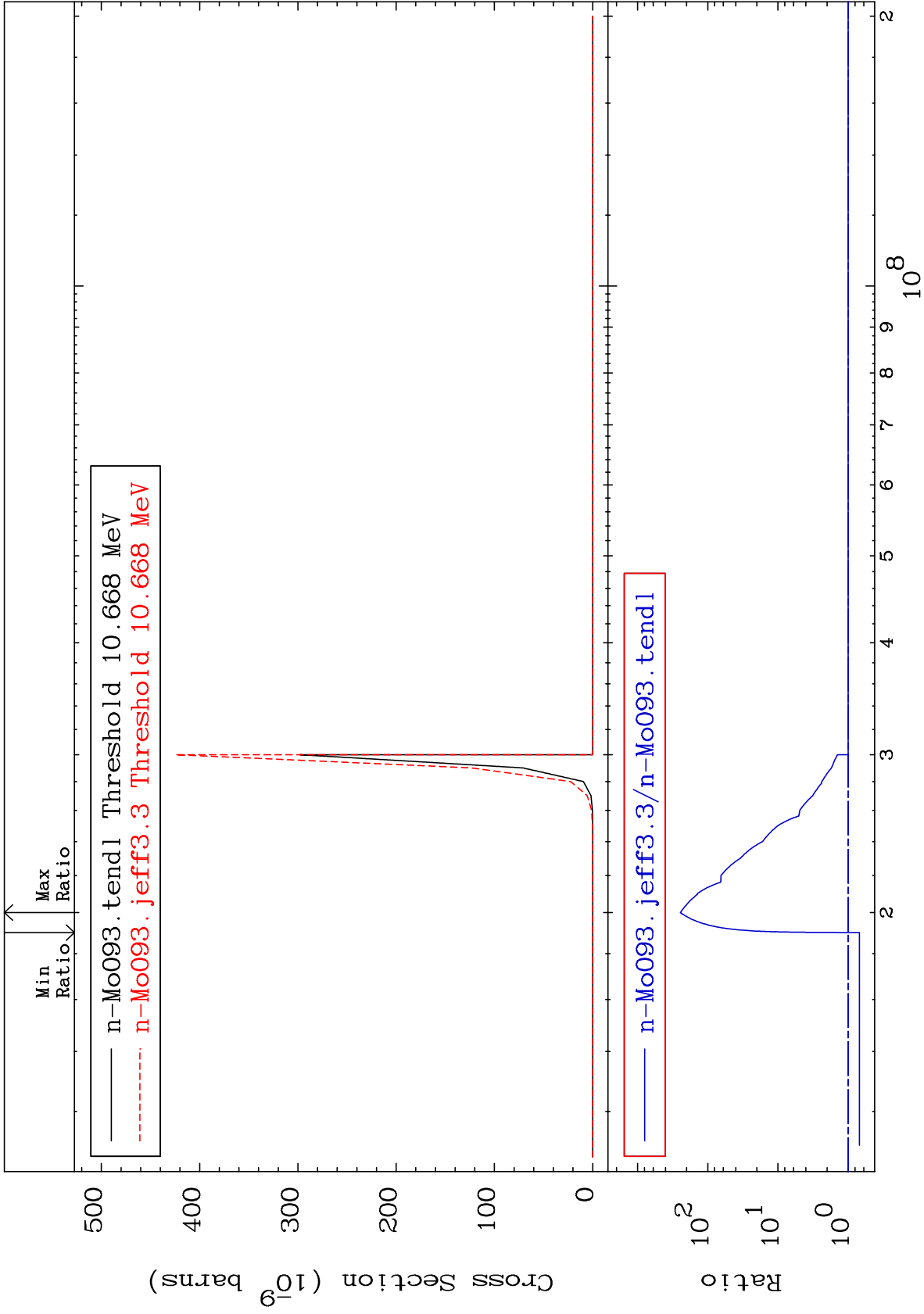
85

Incident Energy (eV)

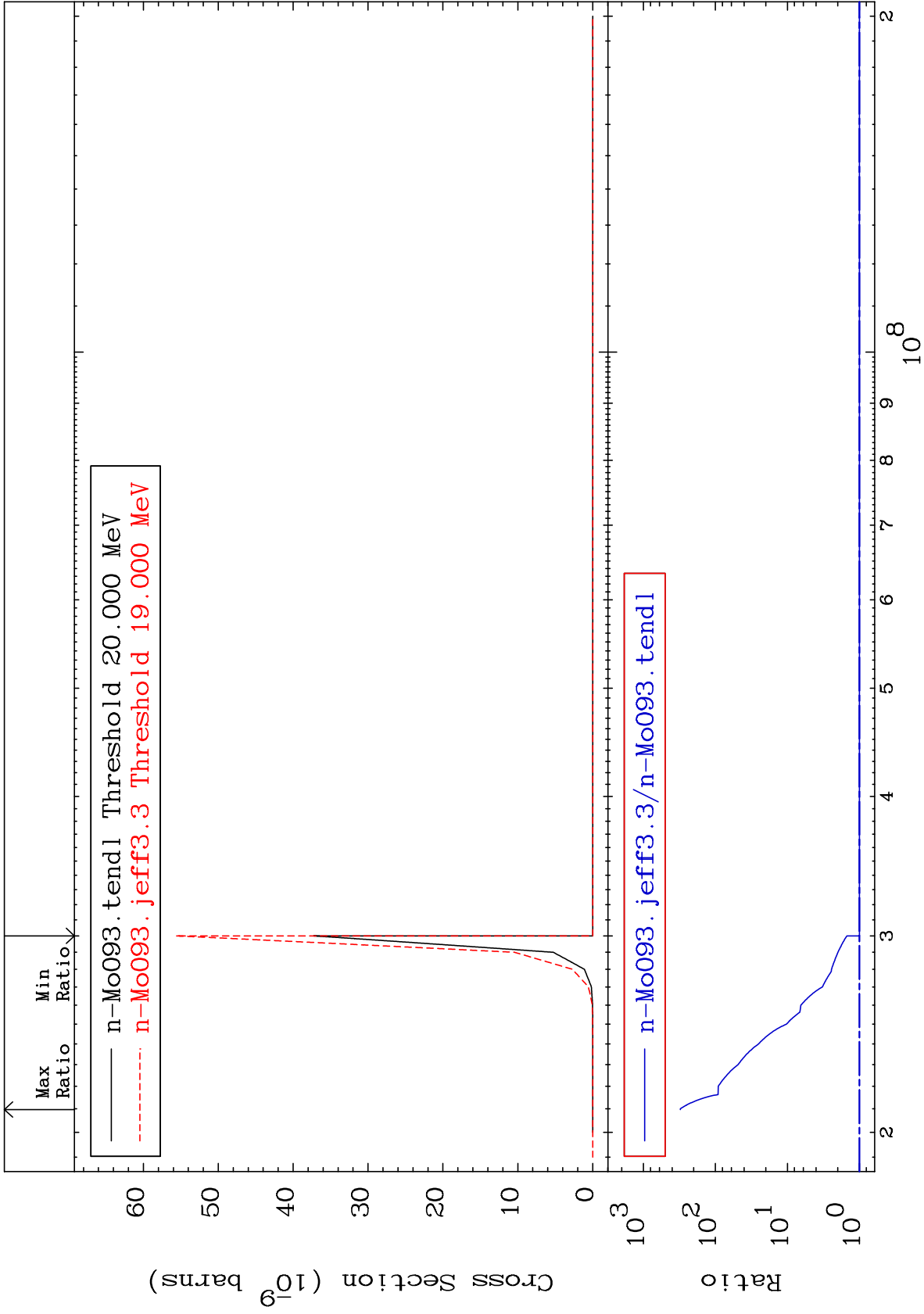
42-Mo-93

Radionuclide Production Cross Section 0.000 To 6.387 %





Radionuclide Production Cross Section 0.000 To 9999. %



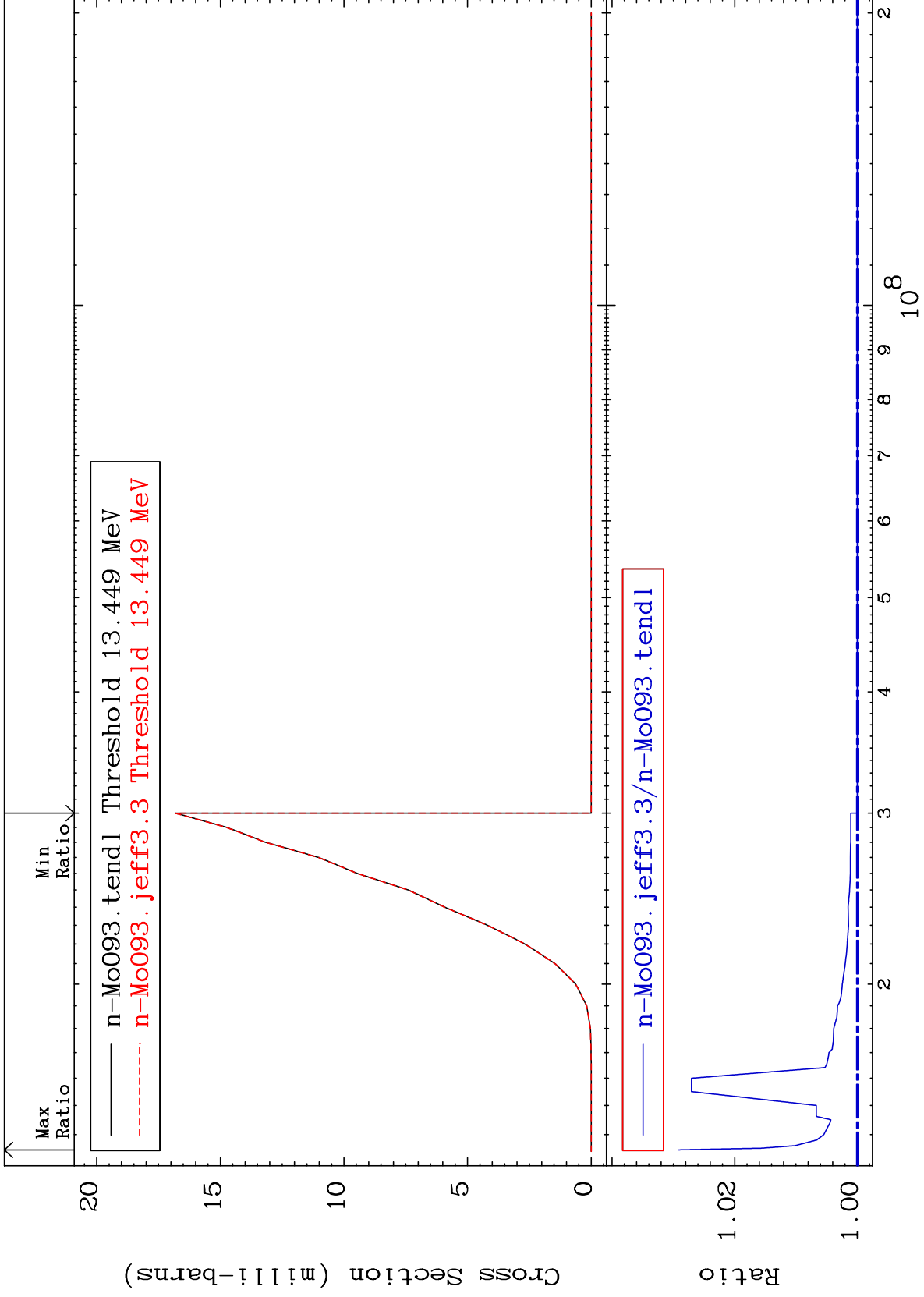


MAT 4228

(n, n') d:41-Nb-91g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 2.915 %



89

Incident Energy (eV)

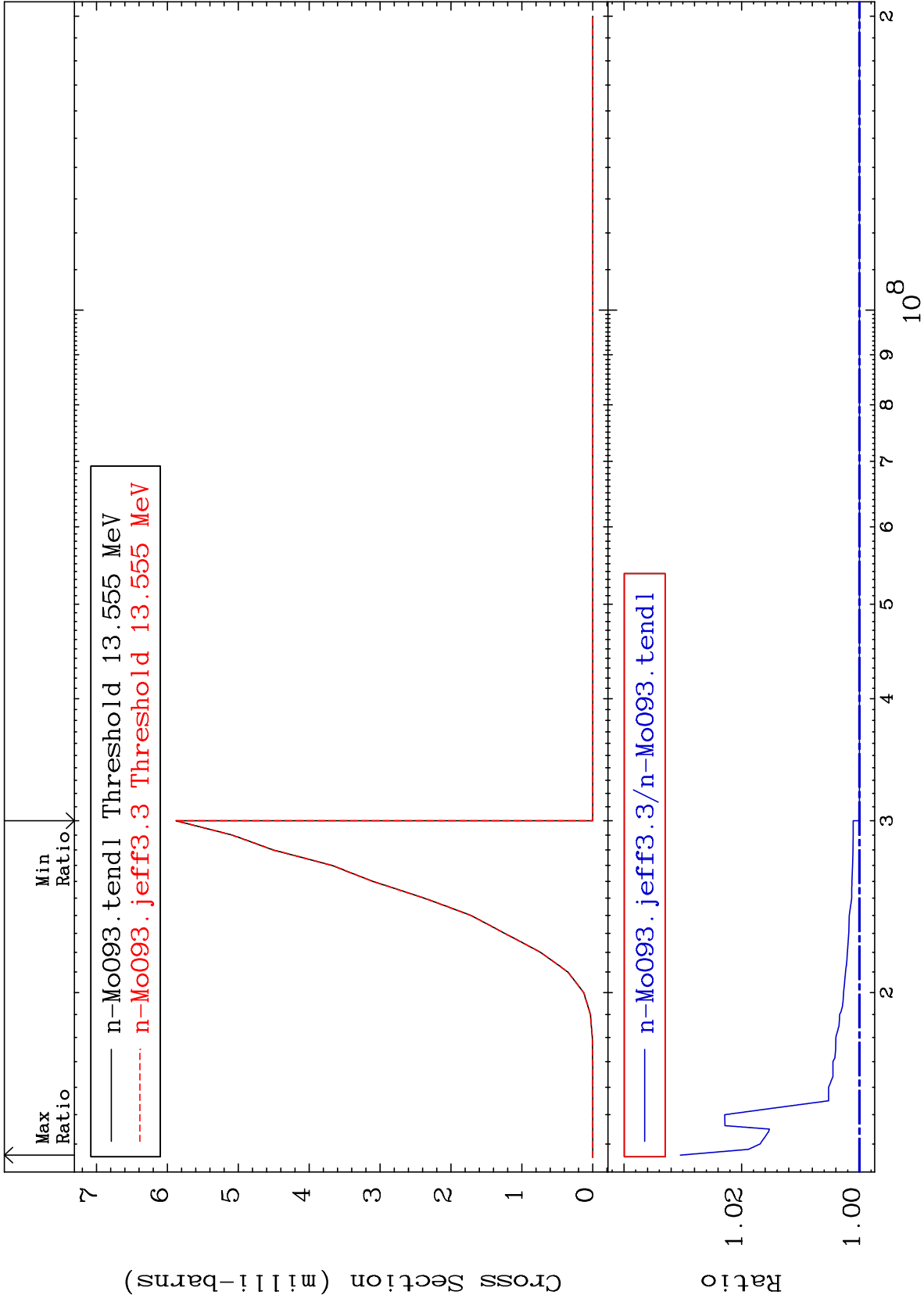
42-Mo-93

MAT 4228

(n, n') d:41-Nb-91m1

42-Mo-93

Radionuclide Production Cross Section 0.000 To 3.042 %



90

Incident Energy (eV)

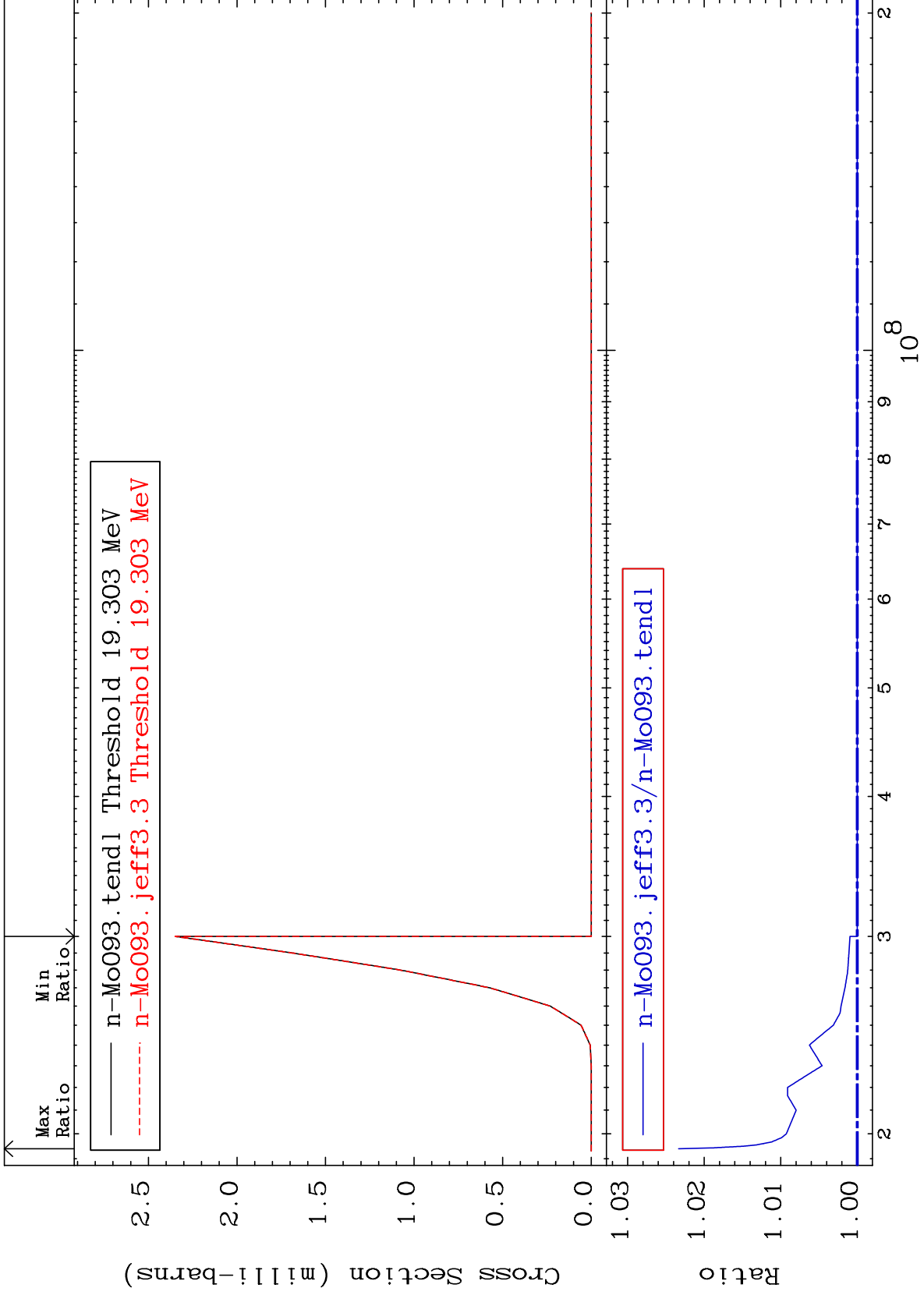
42-Mo-93

MAT 4228

(n, n') t:41-Nb-90g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 2.334 %

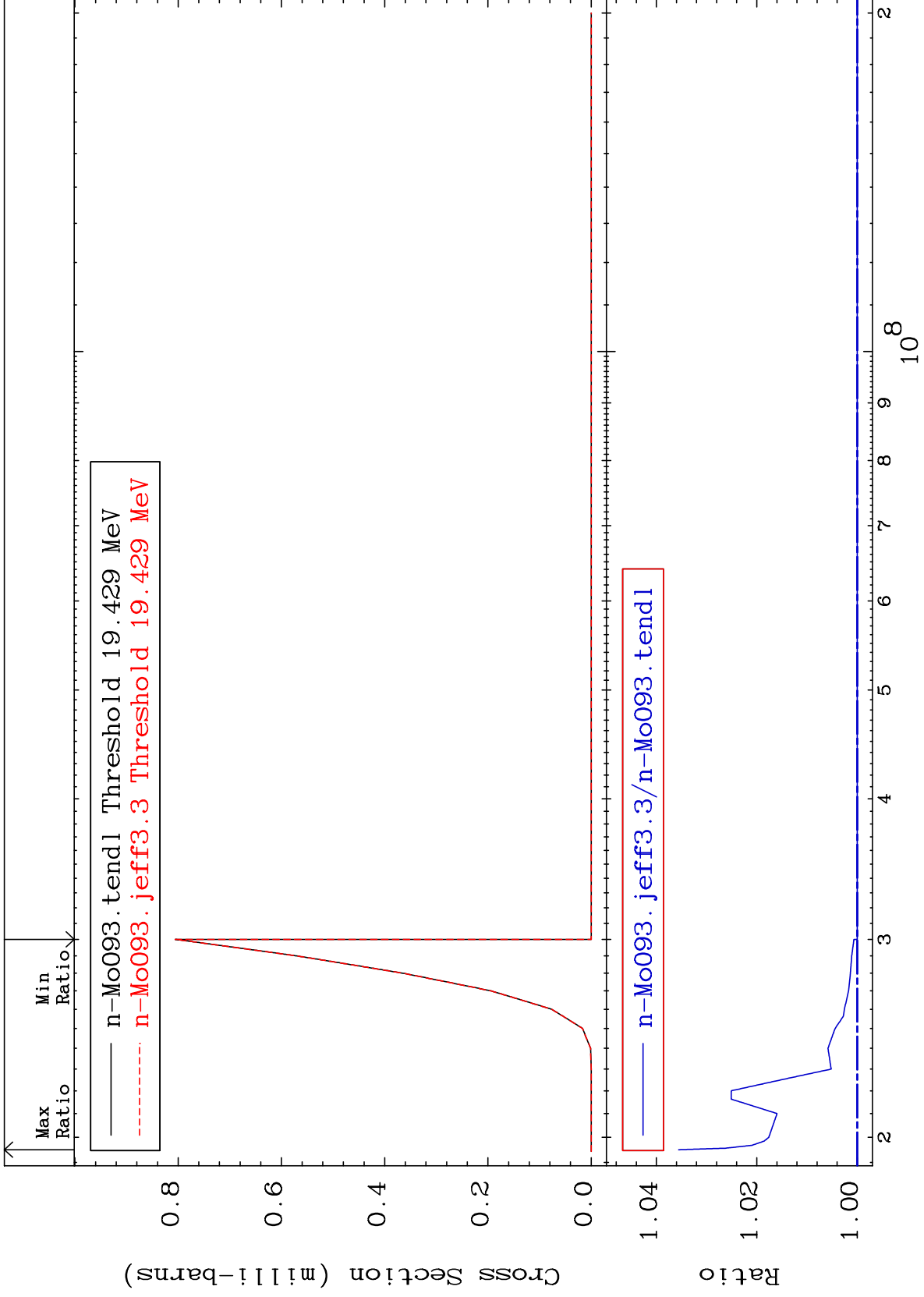


MAT 4228

(n, n') t:41-Nb-90m2

42-Mo-93

Radionuclide Production Cross Section 0.000 To 3.557 %

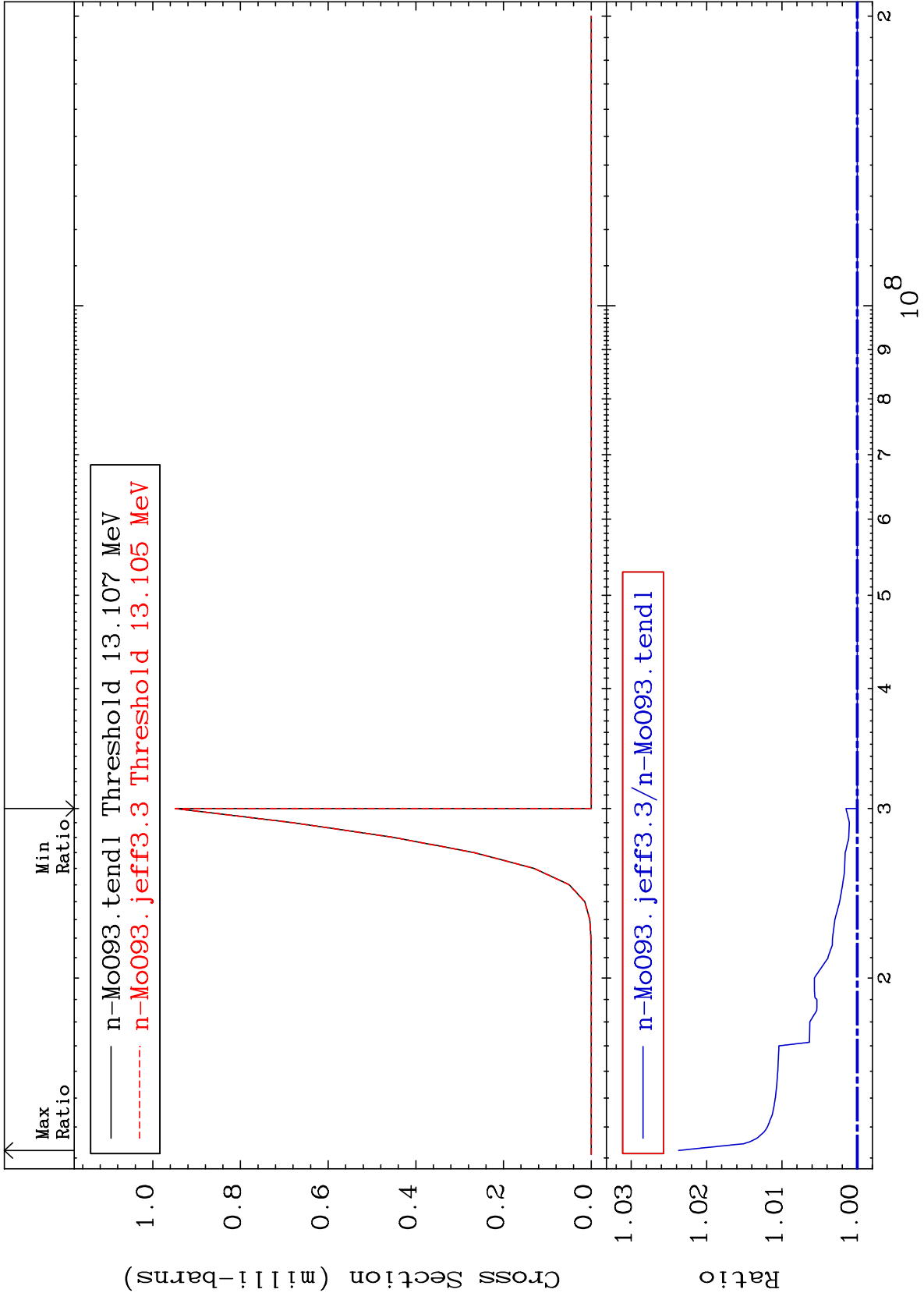


92

42-Mo-93

MAT 4228

(n, n') He-3: 40-Zr-90g 42-Mo-93  
Radionuclide Production Cross Section 0.000 To 2.371 %



93

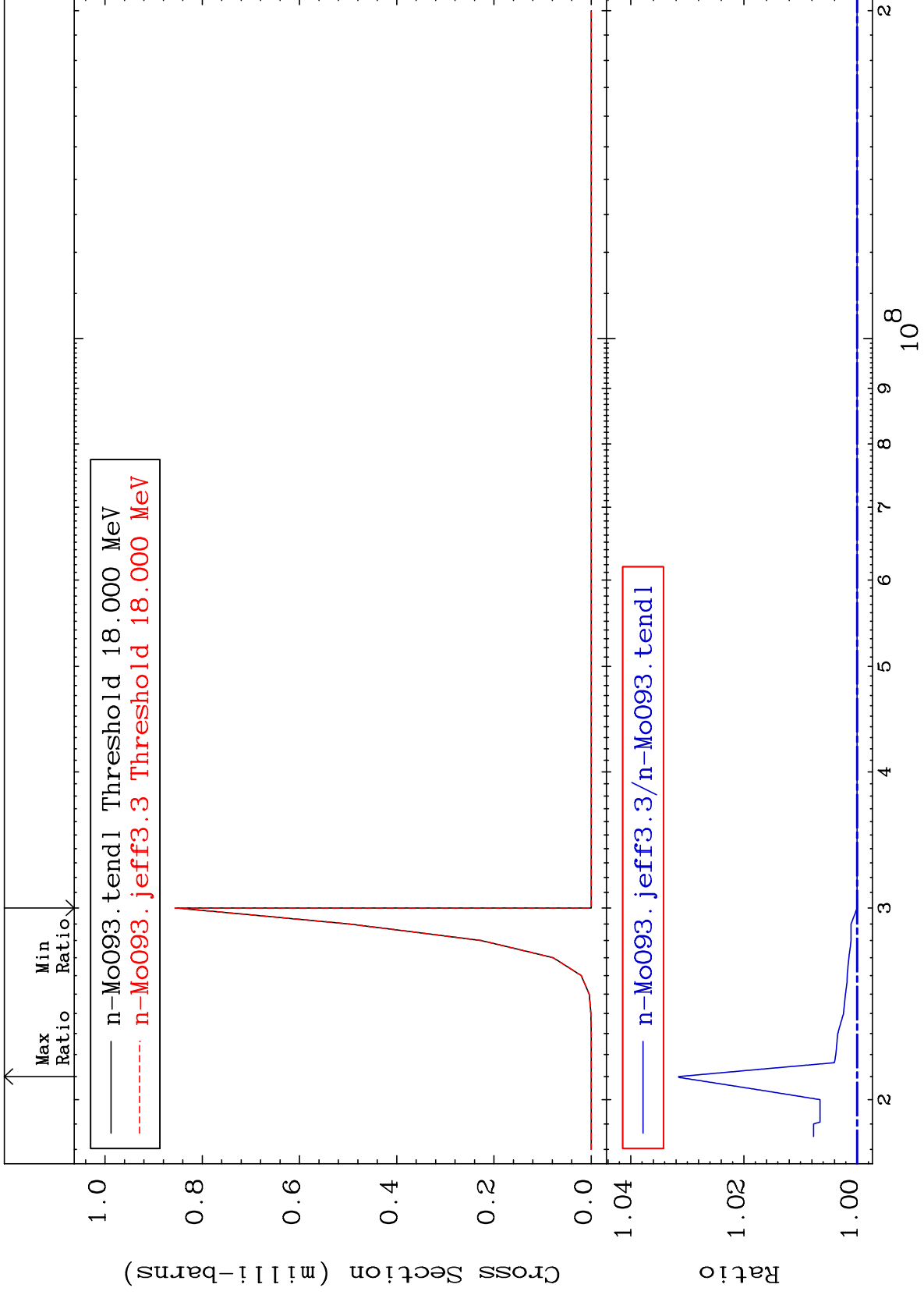
42-Mo-93

MAT 4228

(n, n') He-3:40-Zr-90m3

42-Mo-93

Radionuclide Production Cross Section -0.002 To 3.154 %

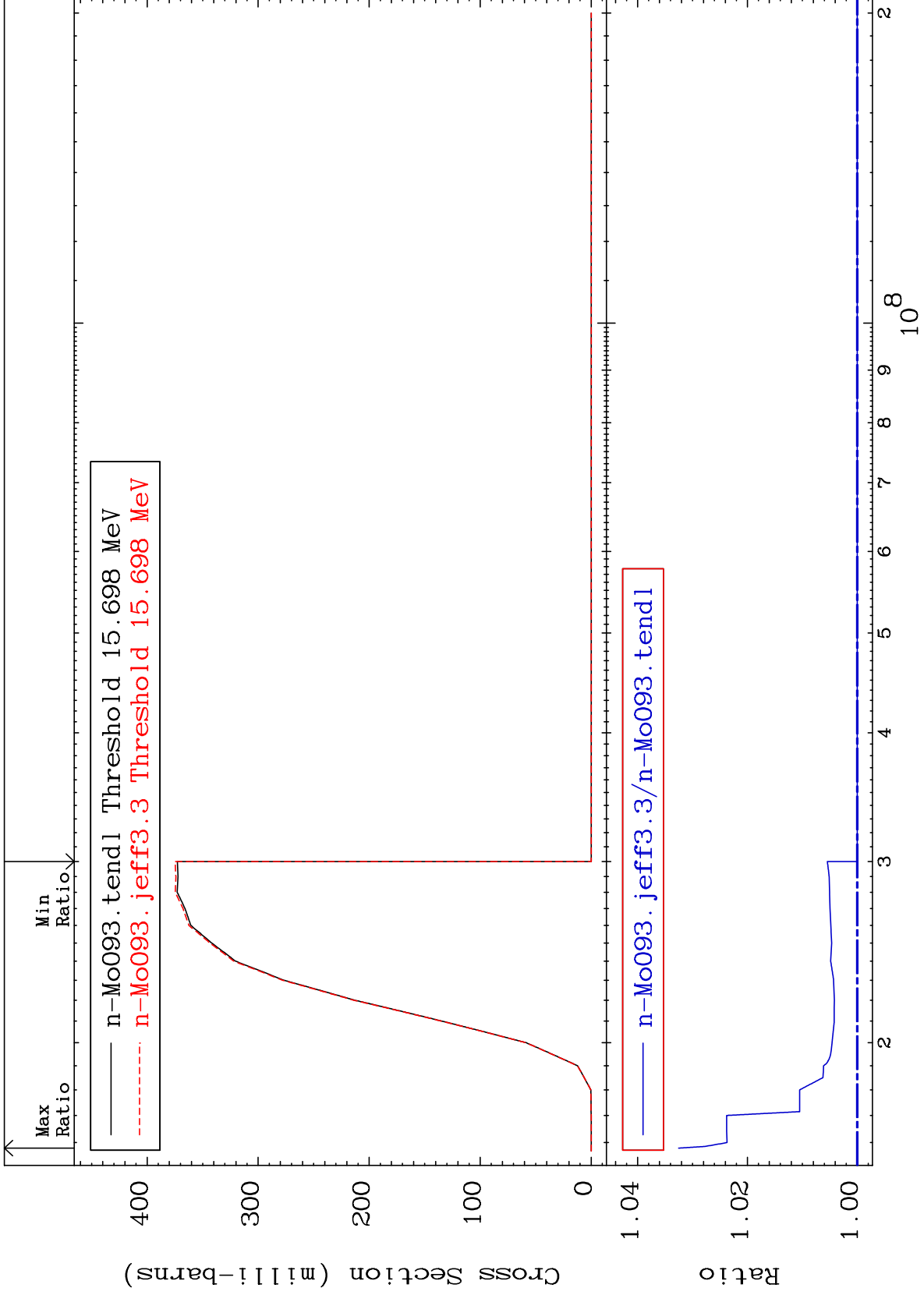


MAT 4228

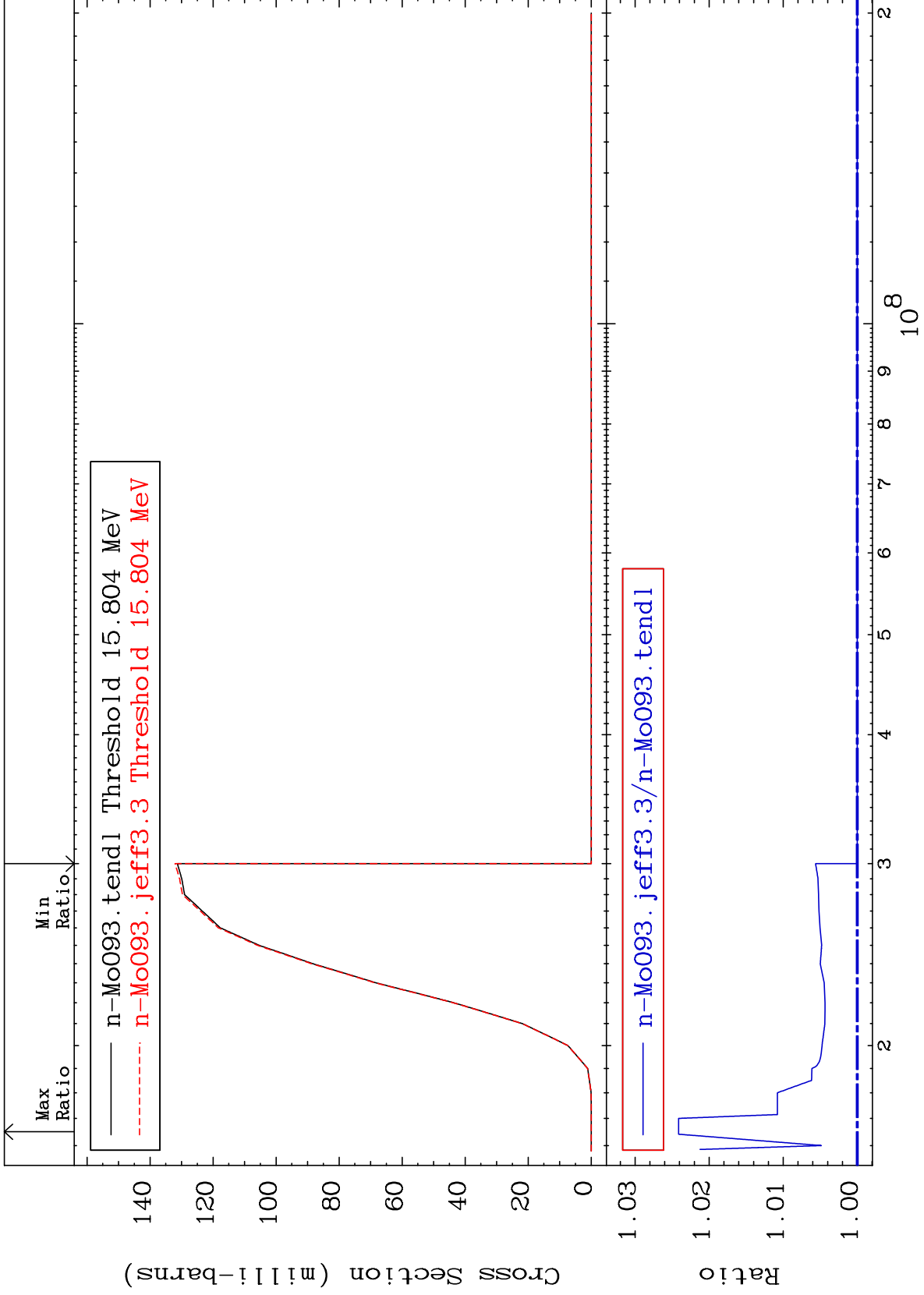
(n,2n) p:41-Nb-91g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 3.252 %



Radionuclide Production Cross Section 0.000 To 2.412 %



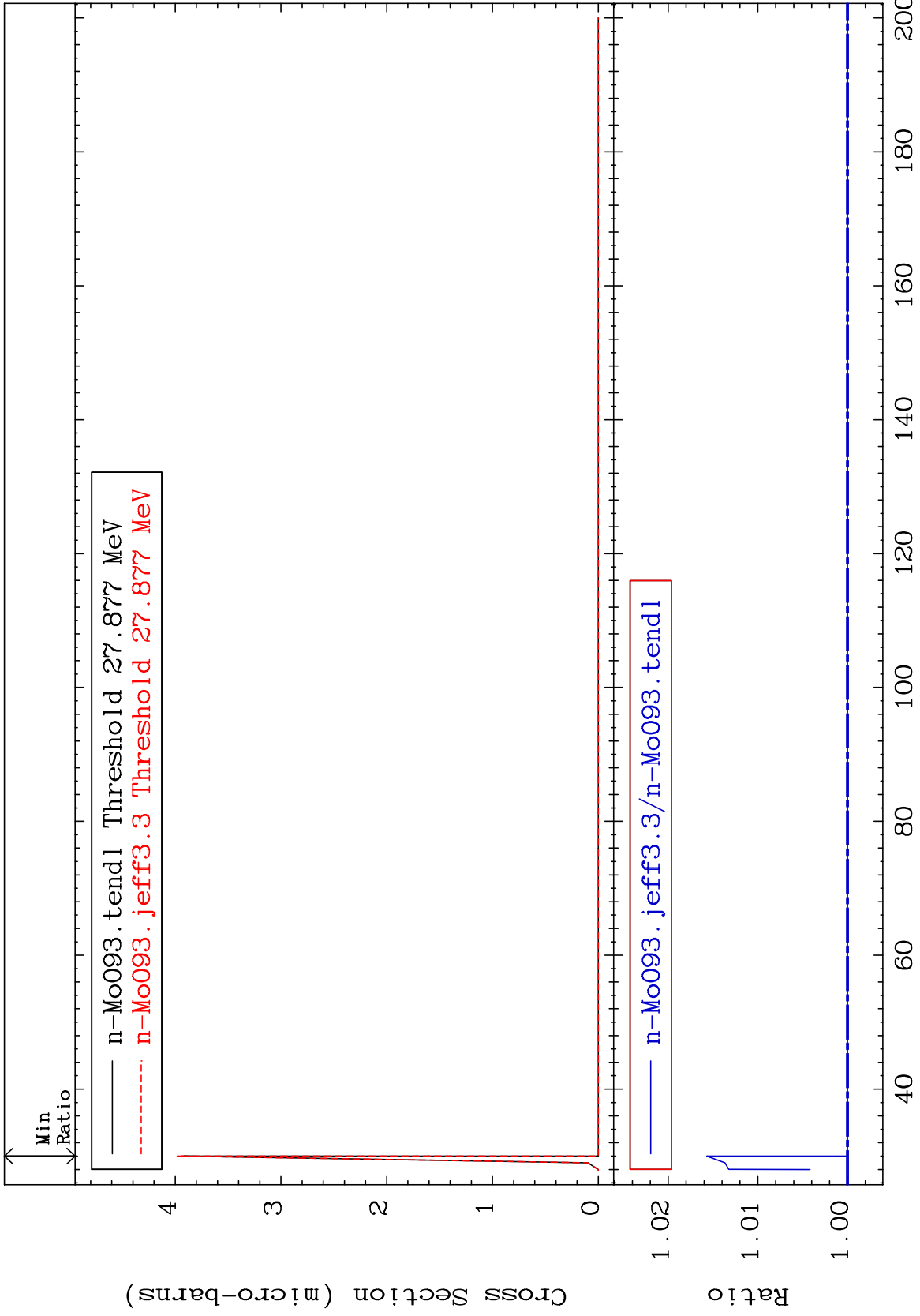


MAT 4228

(n,3n) p:41-Nb-90g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 1.571 %



97

Incident Energy (MeV)

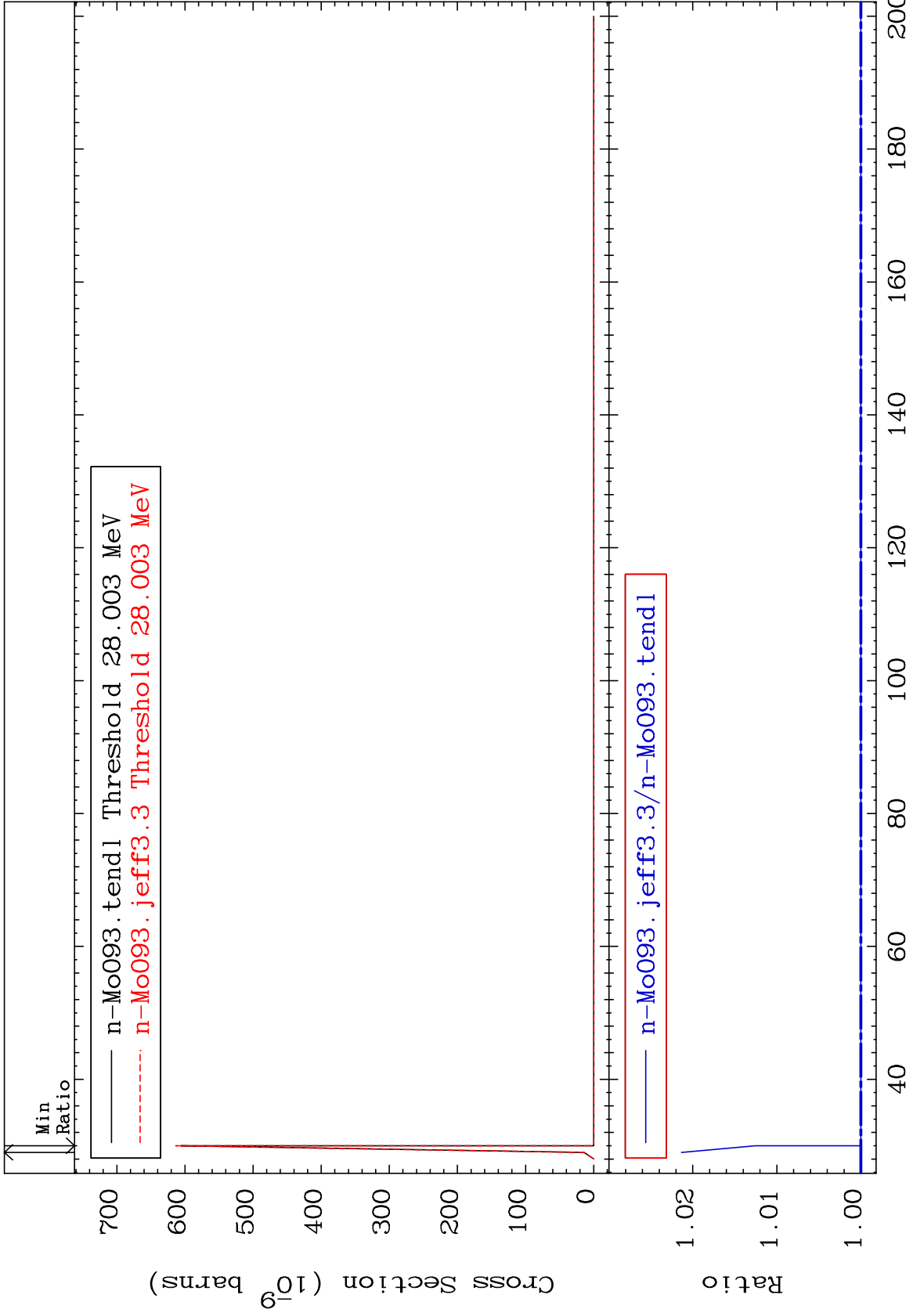
42-Mo-93

MAT 4228

(n,3n) p:41-Nb-90m2

42-Mo-93

Radionuclide Production Cross Section 0.000 To 2.135 %



98

Incident Energy (MeV)

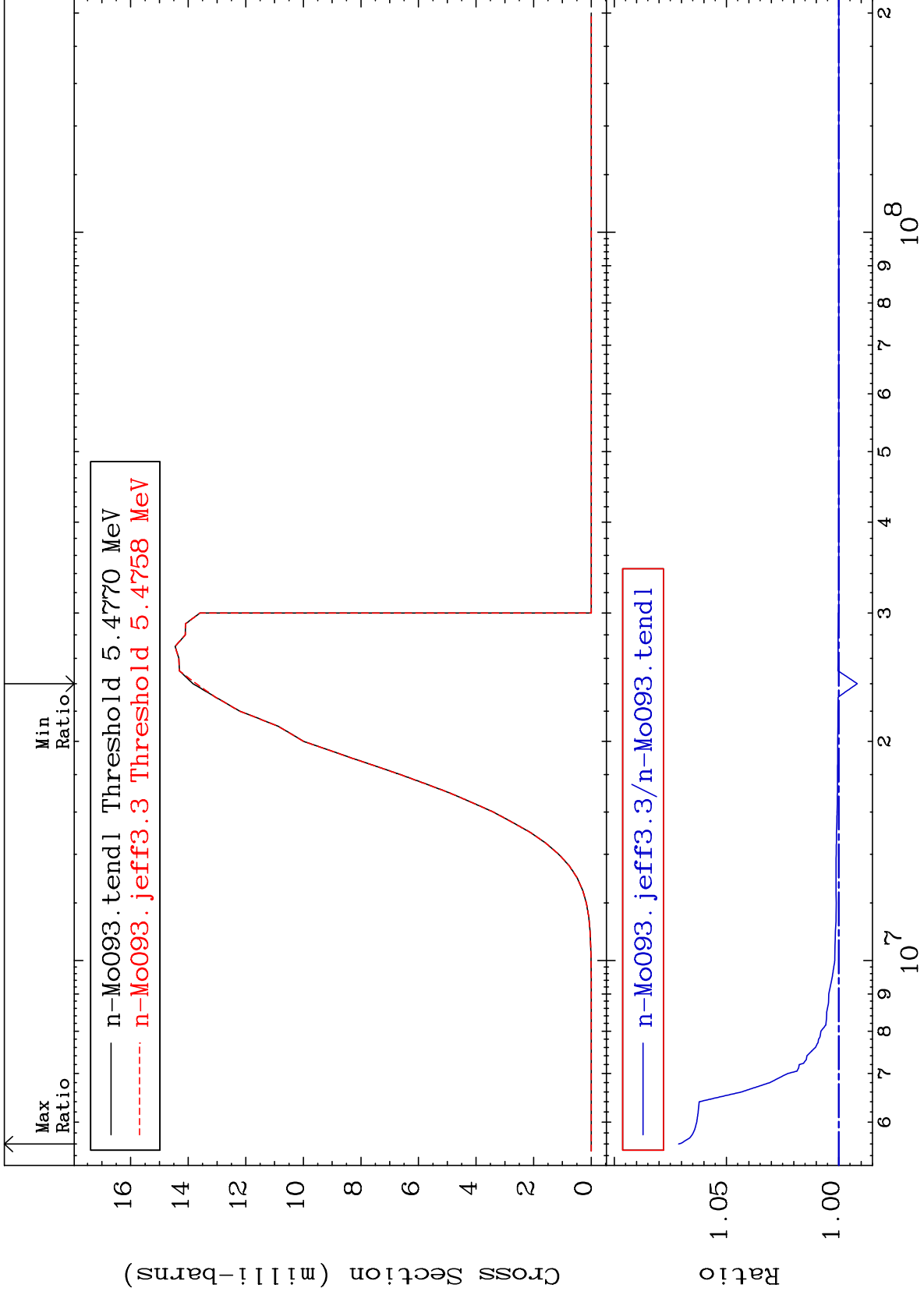
42-Mo-93

MAT 4228

(n, d) : 41-Nb-92g

42-Mo-93

Radionuclide Production Cross Section -0.825 To 7.131 %



99

Incident Energy (eV)

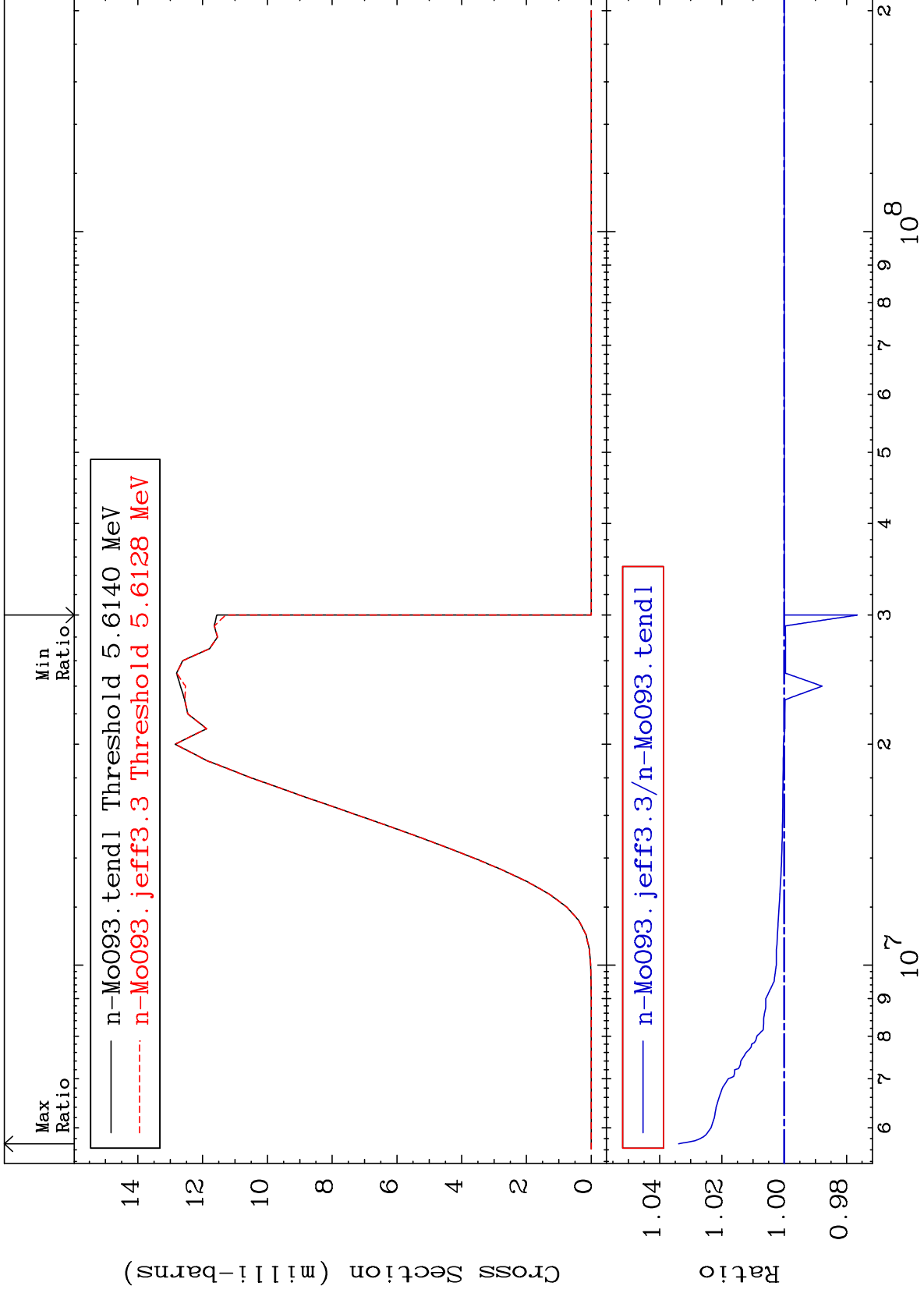
42-Mo-93

MAT 4228

(n, d) : 41-Nb-92m1

42-Mo-93

Radionuclide Production Cross Section -2.344 To 3.389 %



100

Incident Energy (eV)

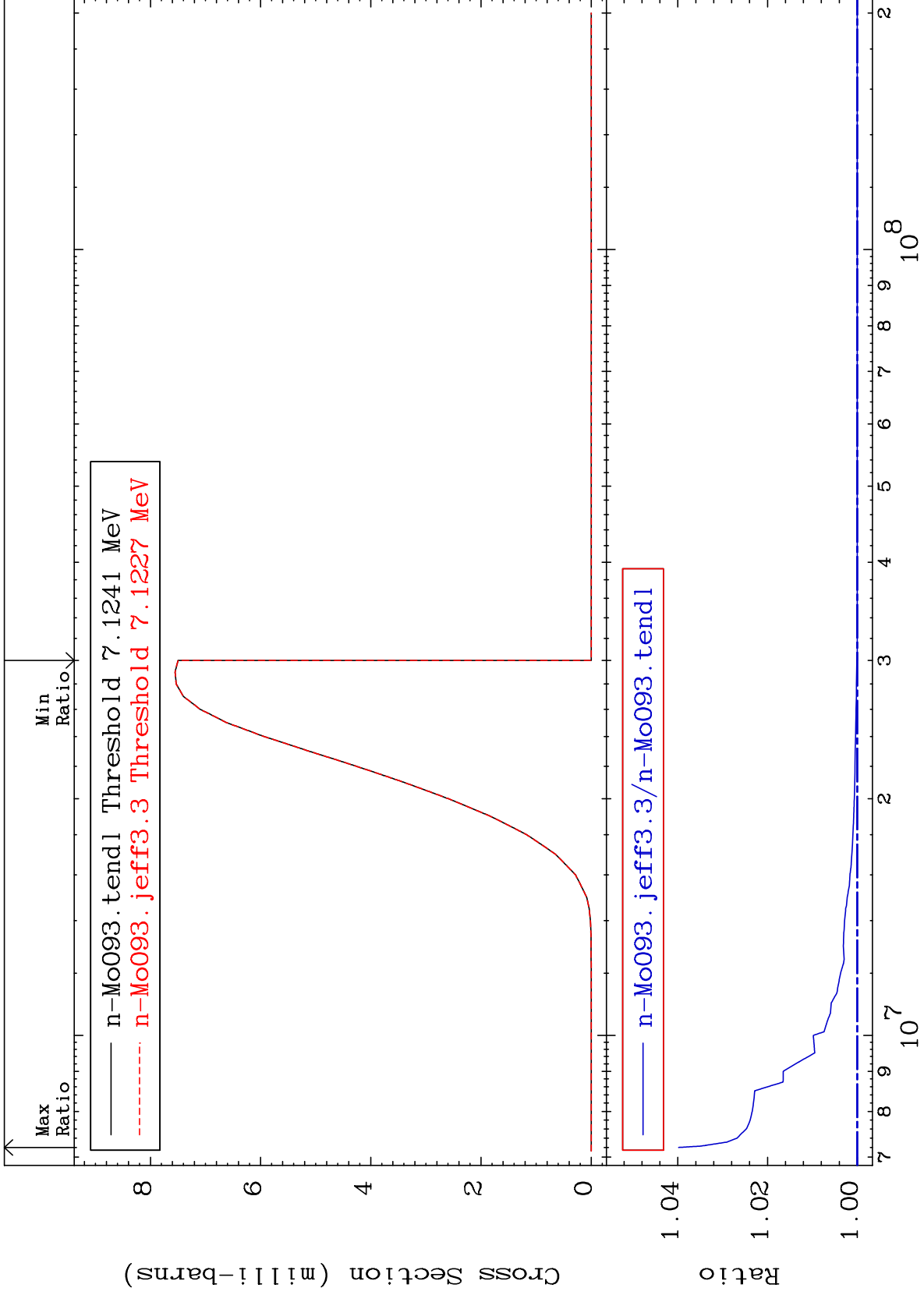
42-Mo-93

MAT 4228

(n, t) : 41-Nb-91g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 3.982 %



101

Incident Energy (eV)

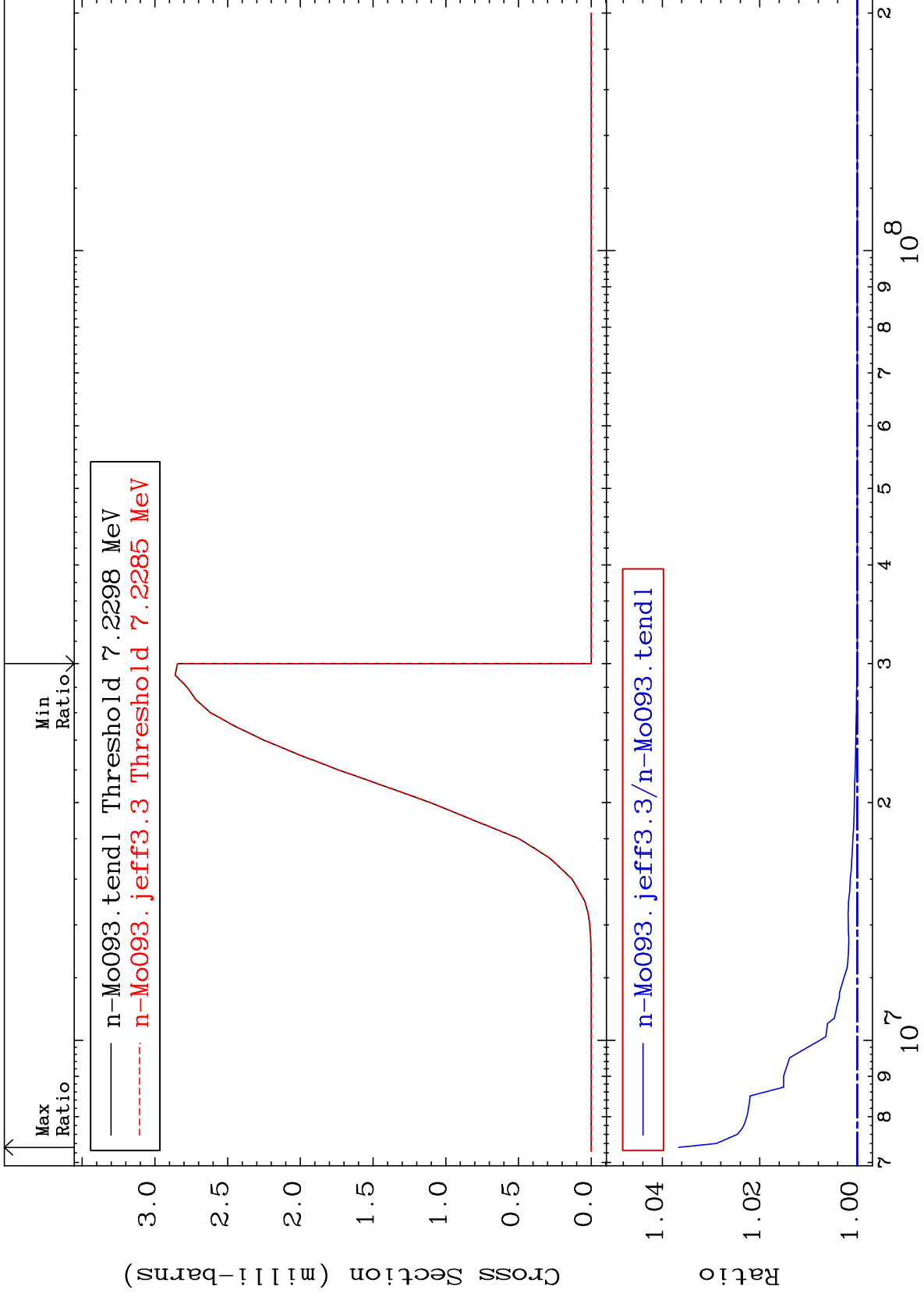
42-Mo-93

MAT 4228

(n, t) : 41-Nb-91m1

42-Mo-93

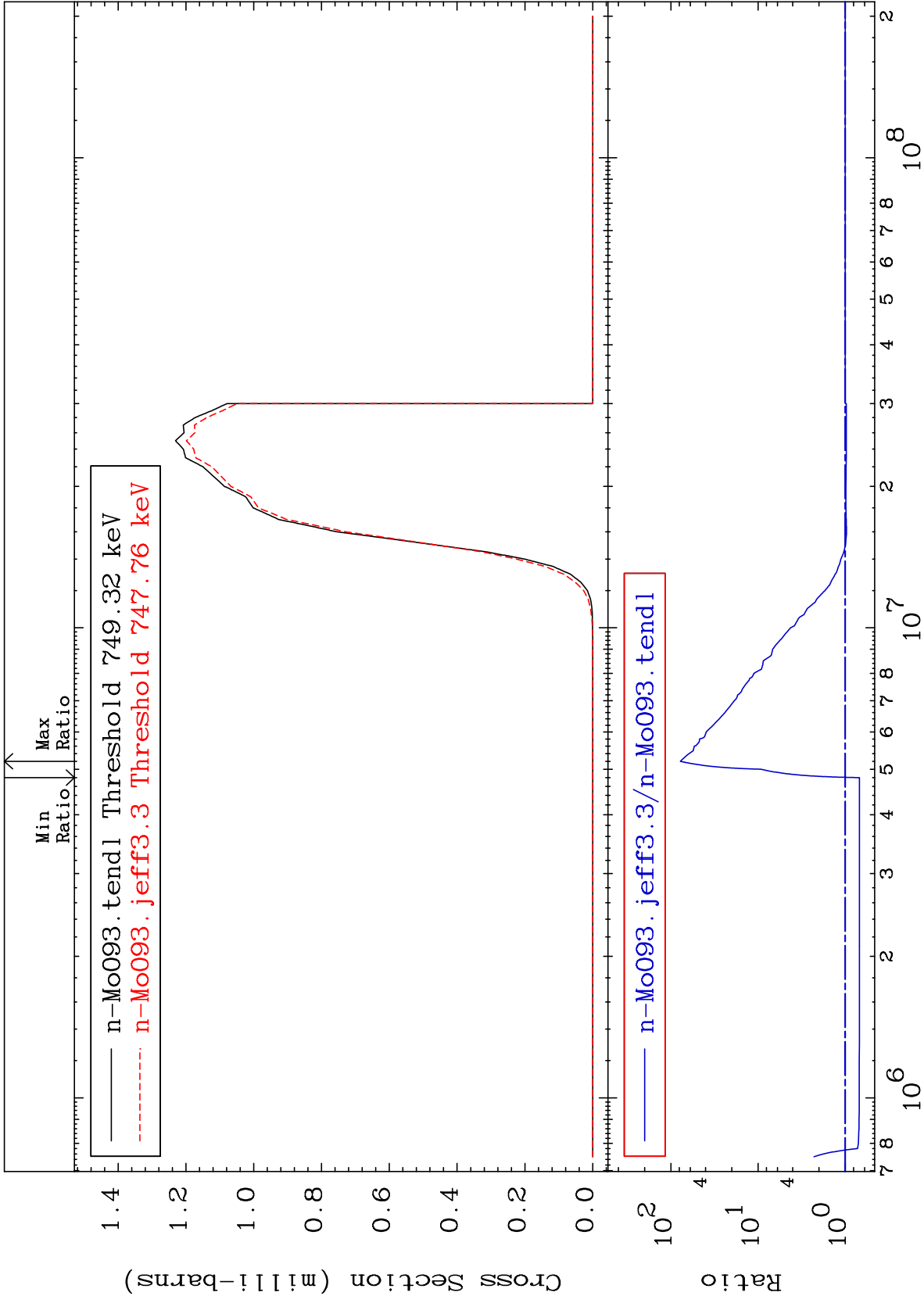
Radionuclide Production Cross Section 0.000 To 3.664 %



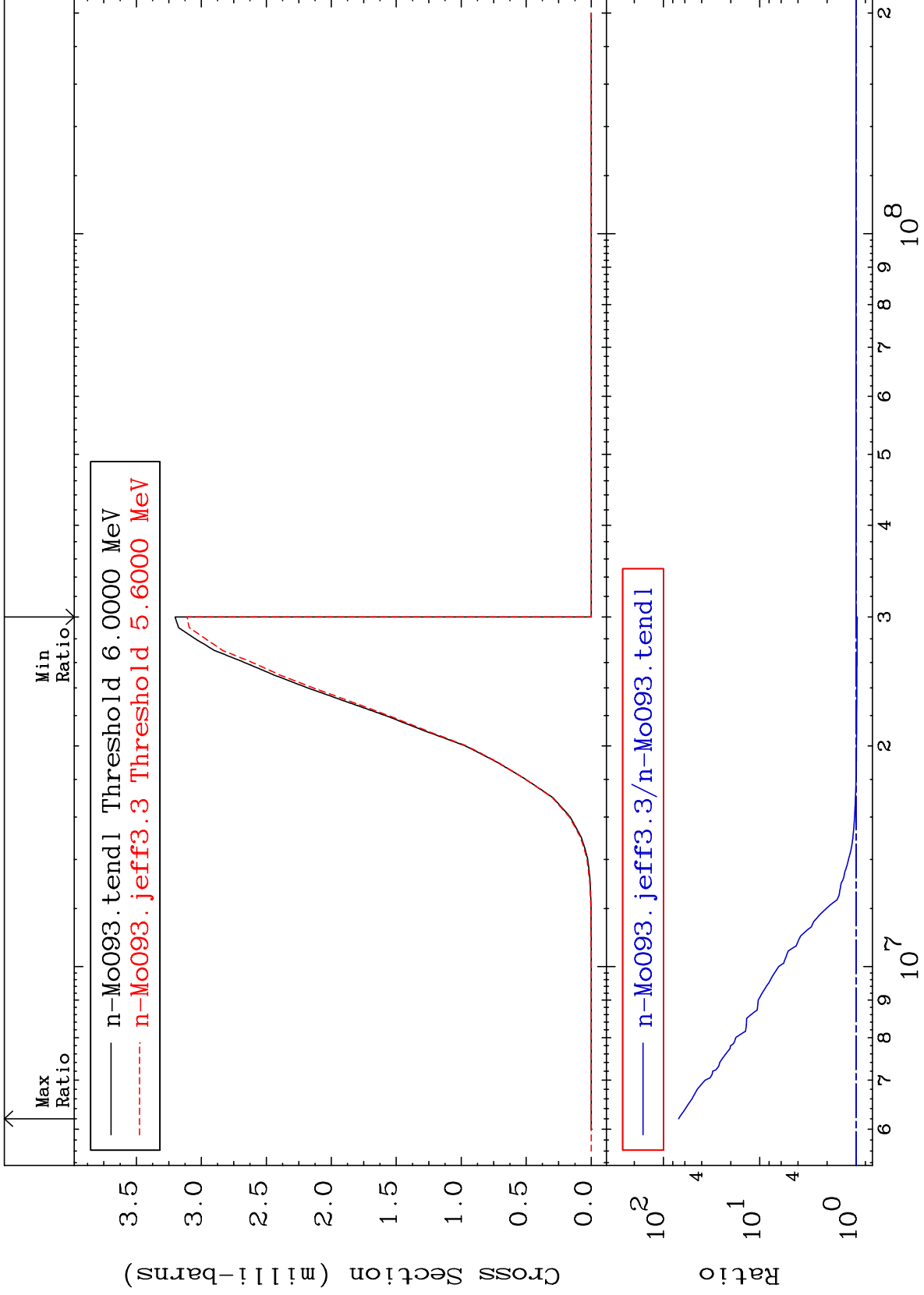
102

Incident Energy (eV)

42-Mo-93



Radionuclide Production Cross Section -2.900 To 6845. %



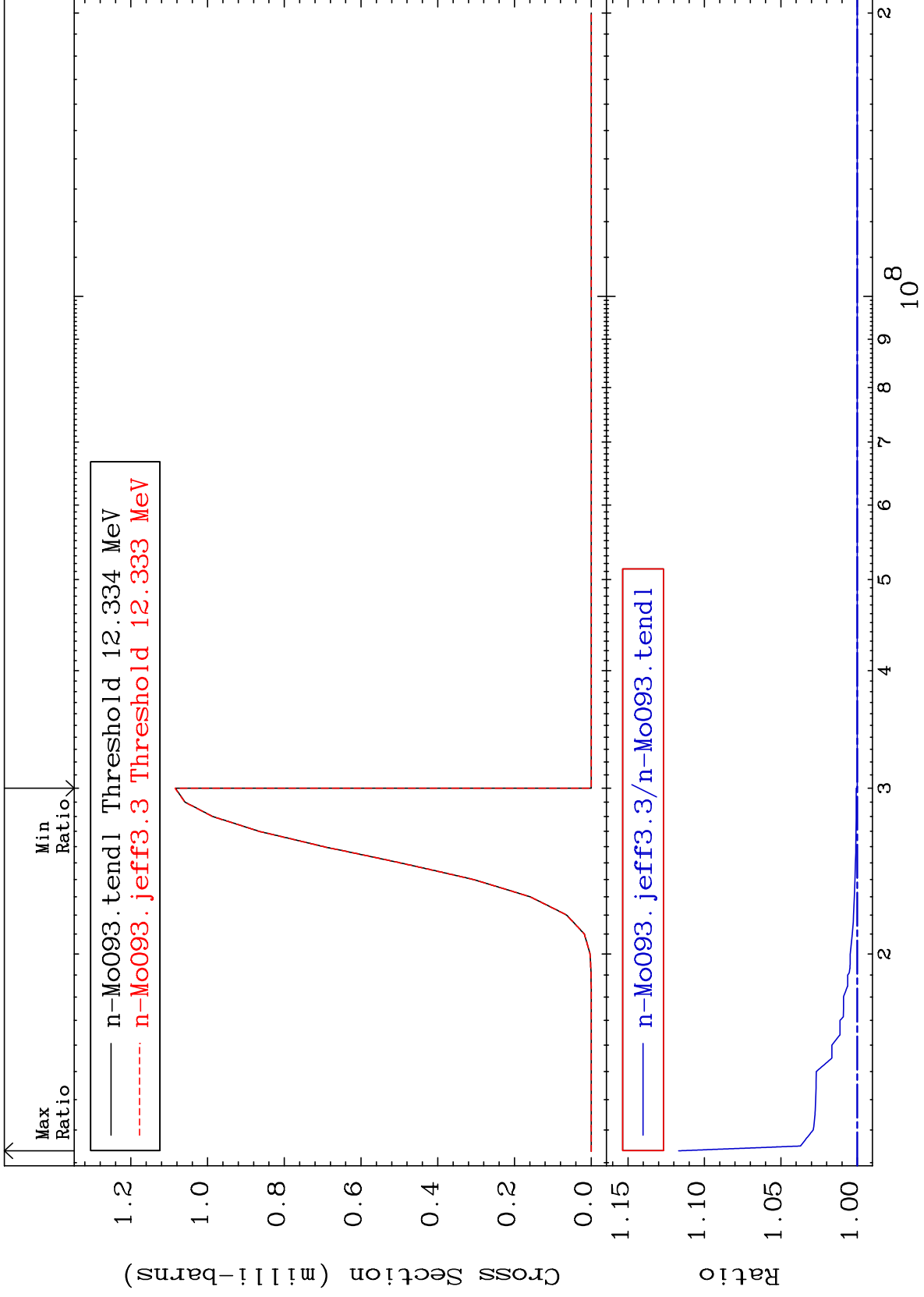


MAT 4228

(n, p) t:40-Zr-90g

42-Mo-93

Radionuclide Production Cross Section 0.000 To 11.69 %



105

Incident Energy (eV)

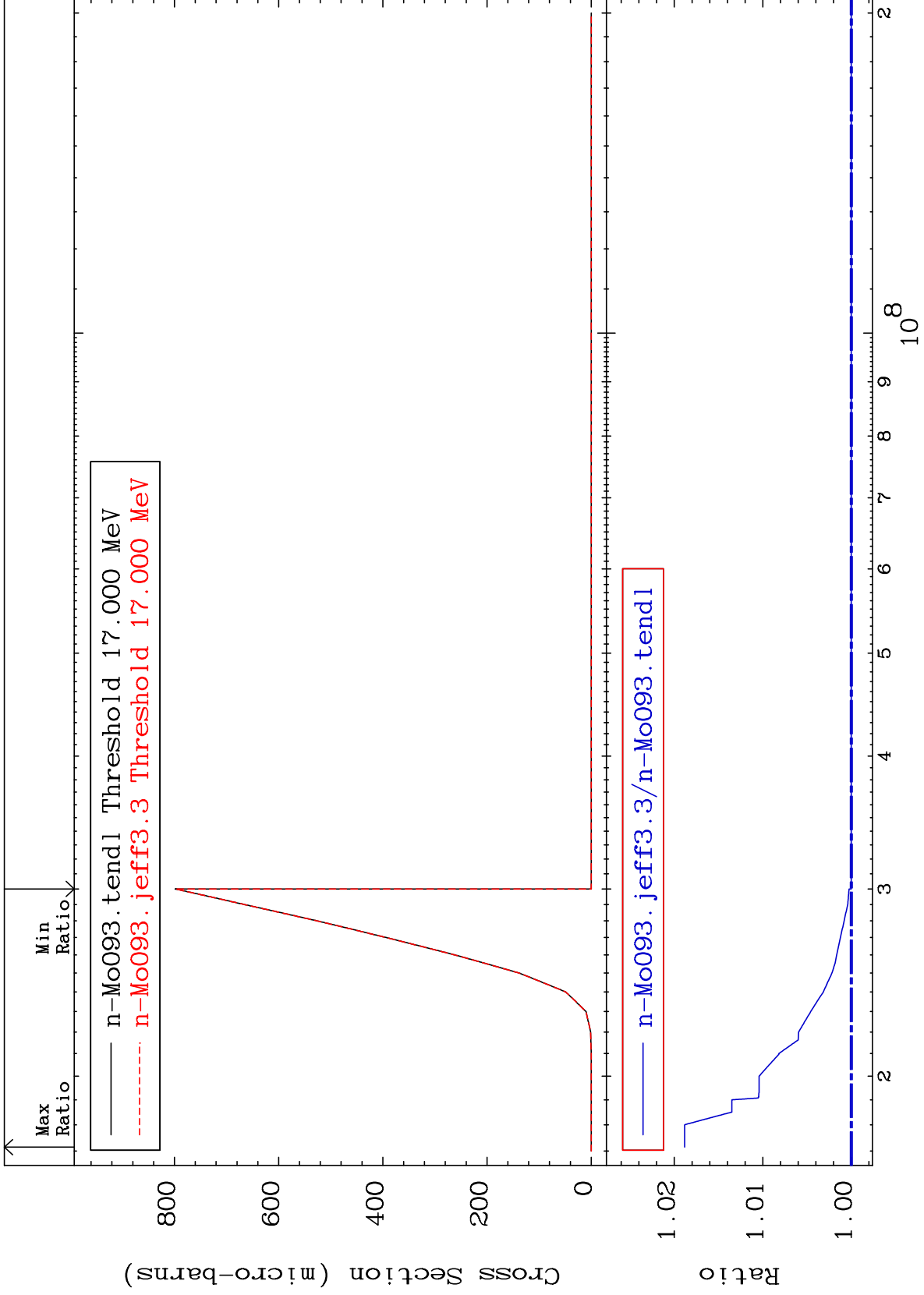
42-Mo-93

MAT 4228

(n, p) t: 40-Zr-90m3

42-Mo-93

Radionuclide Production Cross Section 0.000 To 1.884 %



106

Incident Energy (eV)

42-Mo-93