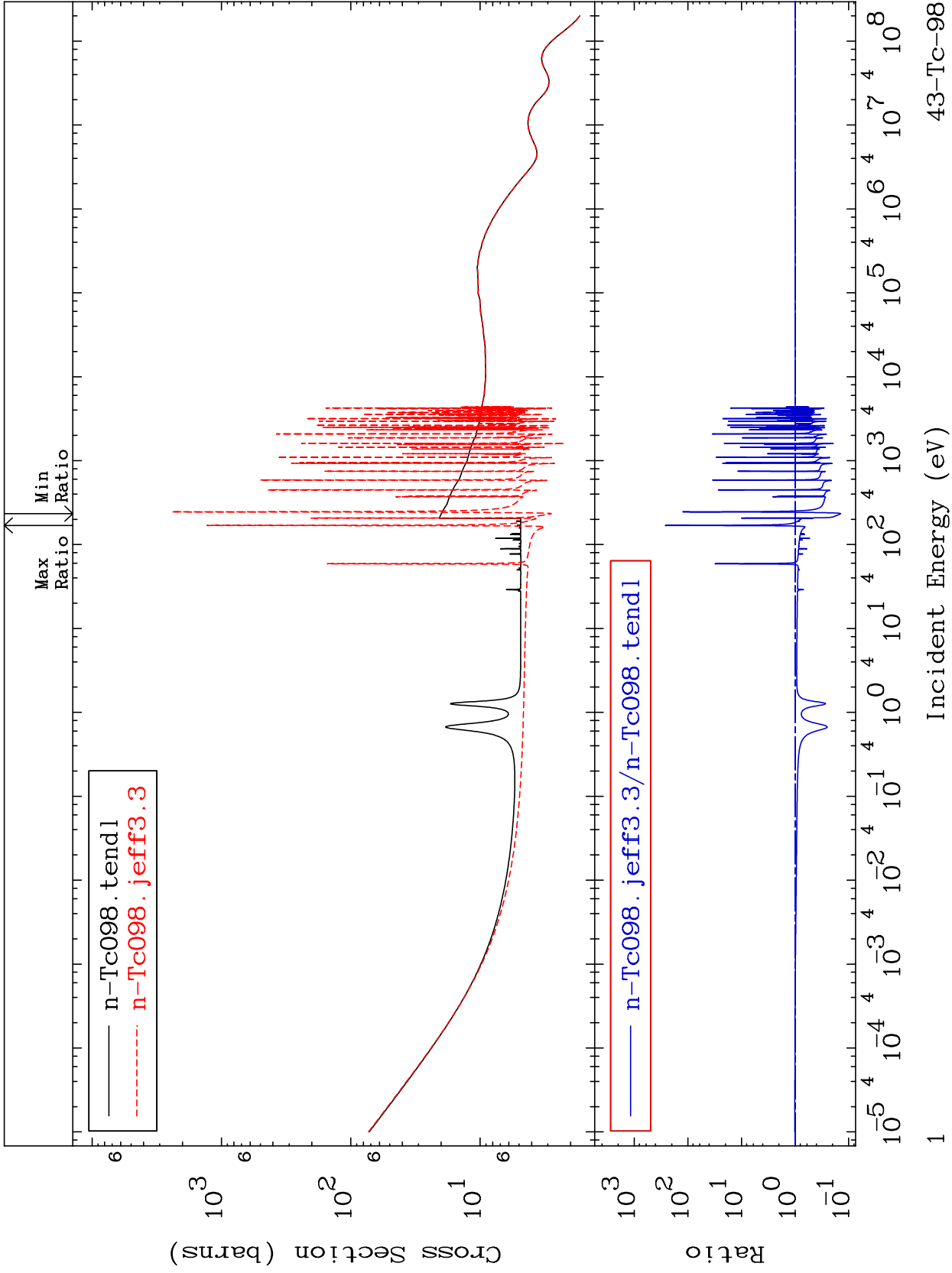


MAT 4322

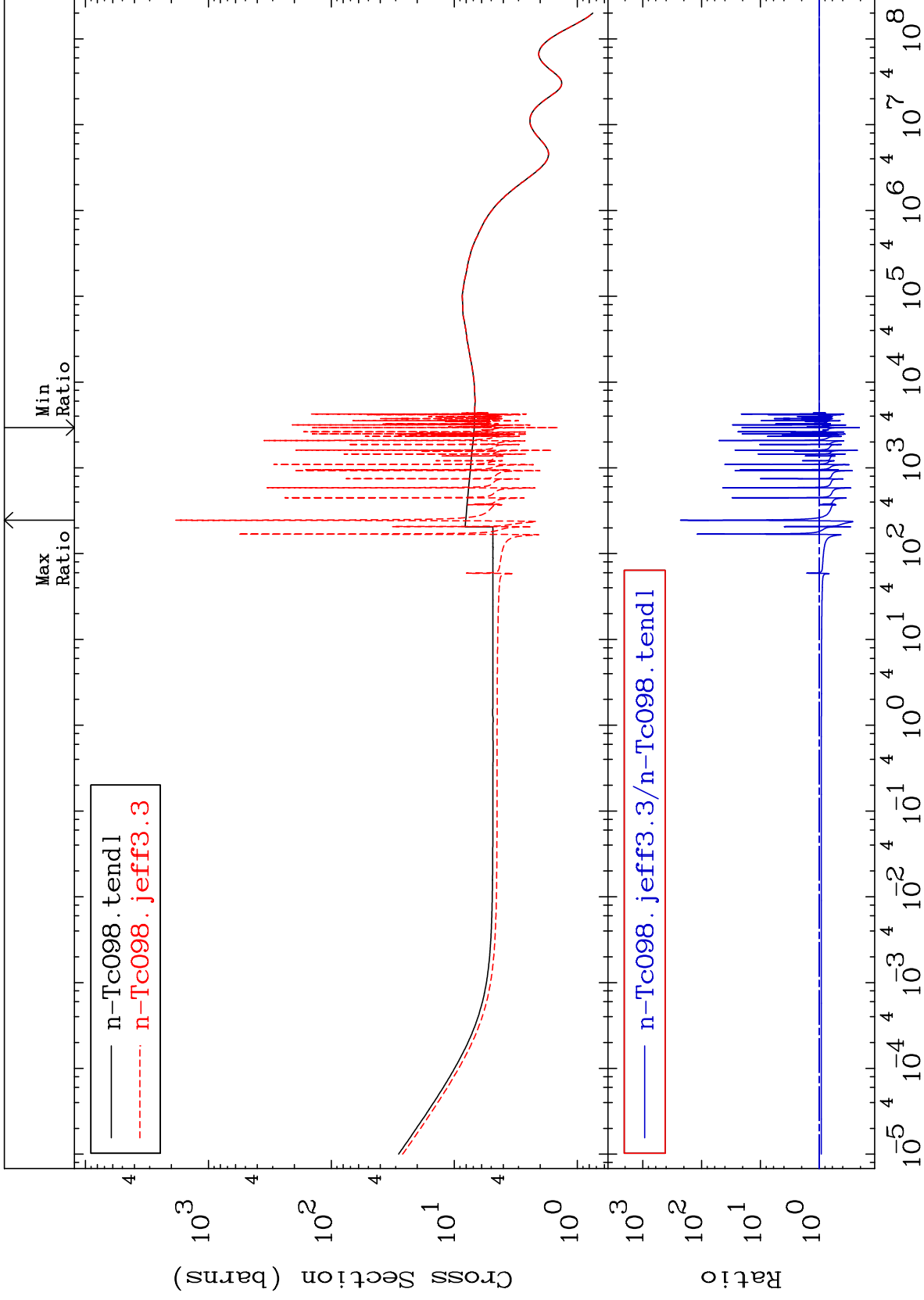
Total Cross Section  
43-Tc-98  
-85.87 To 9999. %



MAT 4322

Elastic  
Cross Section

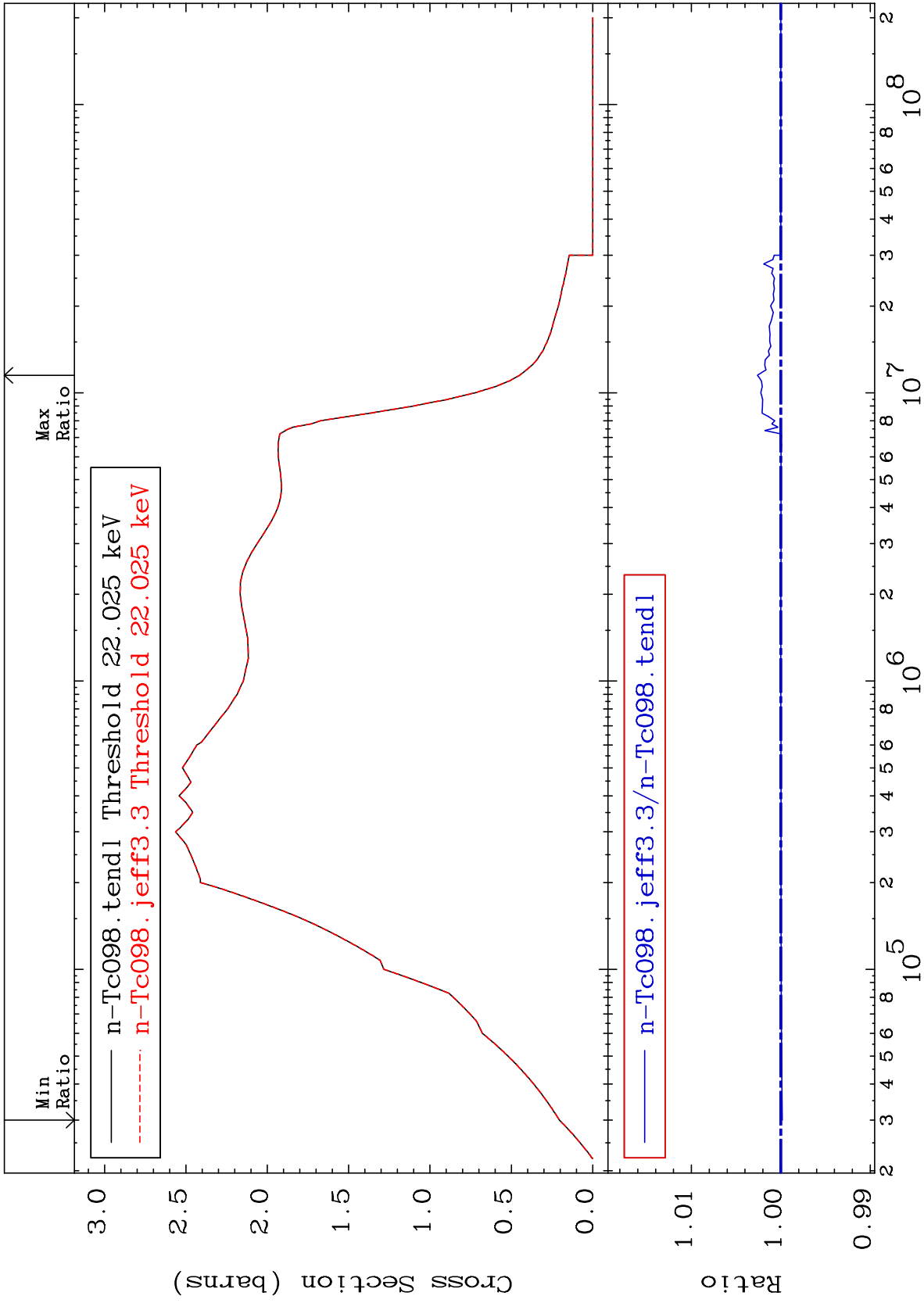
43-Tc-98  
-79.22 To 9999. %



MAT 4322

Inelastic  
Cross Section

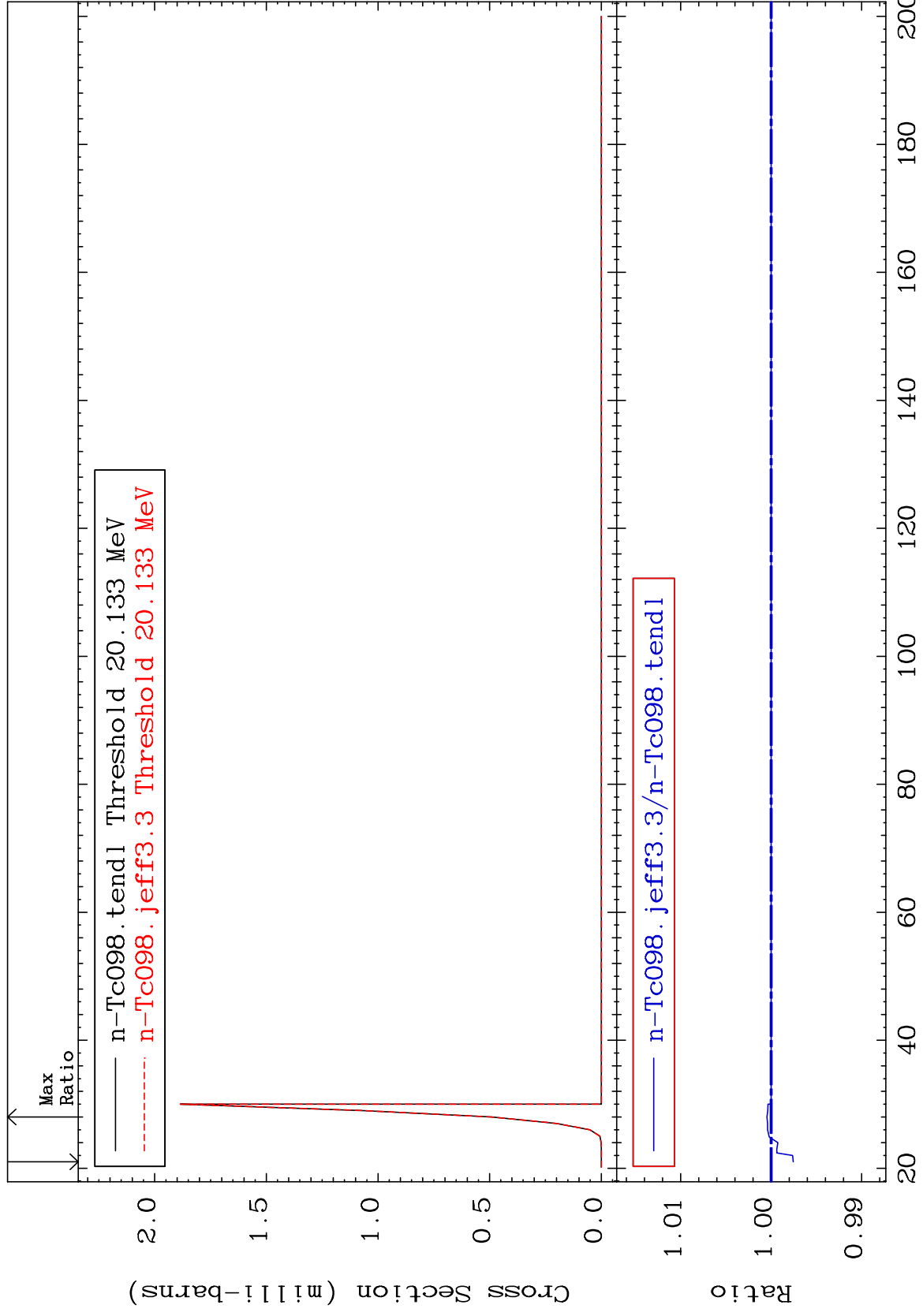
43-Tc-98  
-0.017 To 0.261 %



MAT 4322

(n,2n) d  
Cross Section

43-Tc-98  
-0.244 To 0.046 %



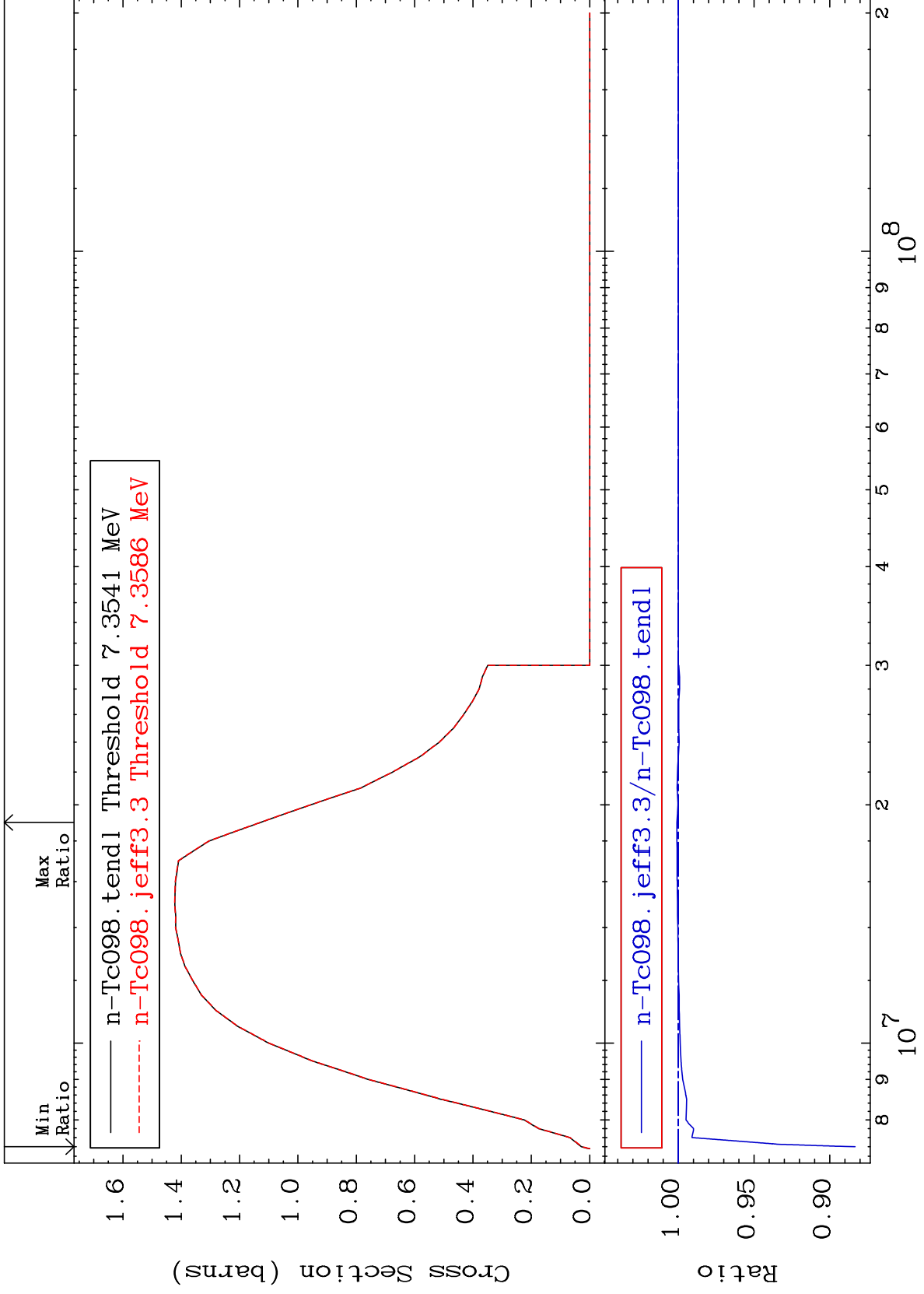
MAT 4322

(n,2n)

43-Tc-98

Cross Section

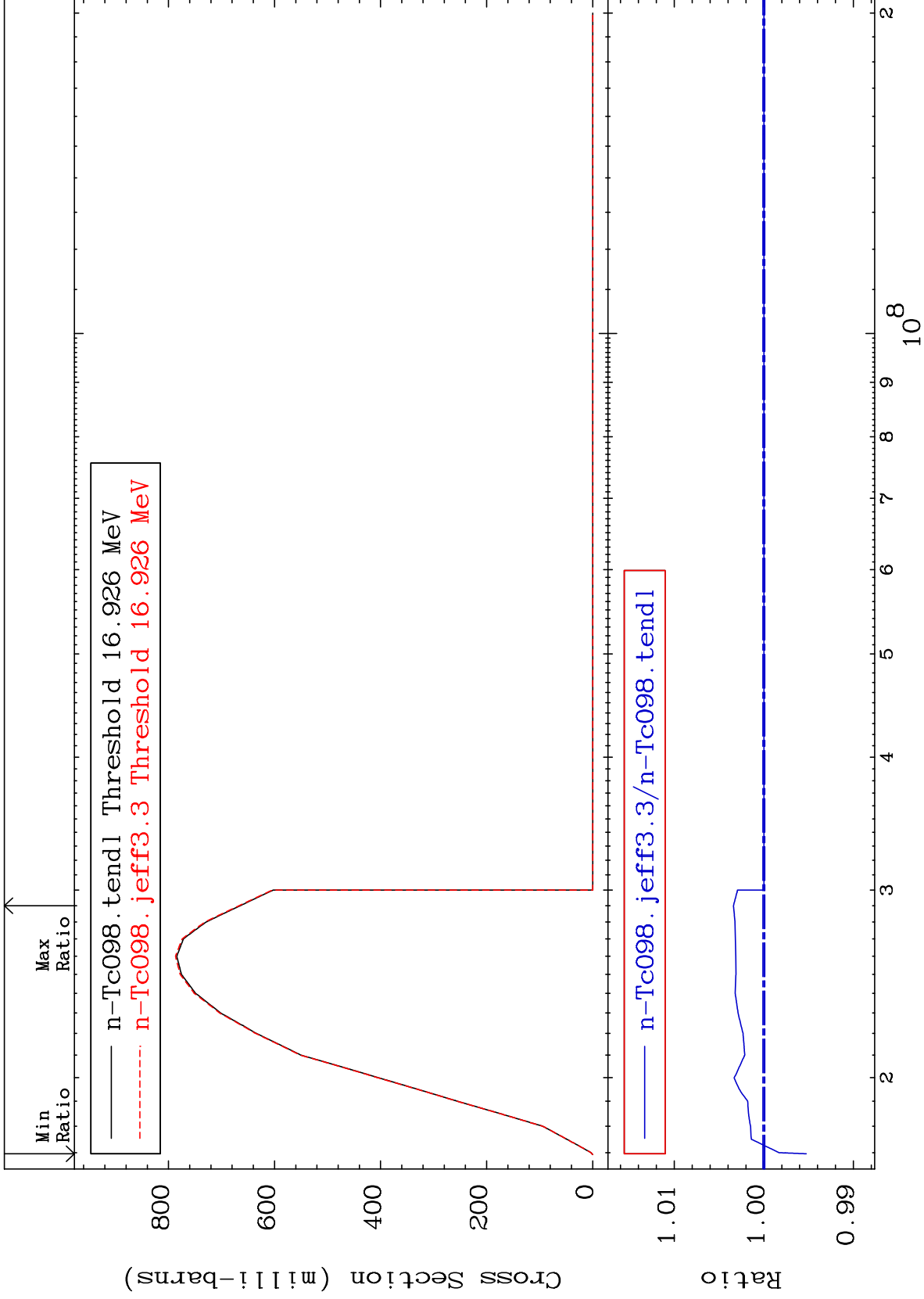
-11.67 To 0.090 %



5

Incident Energy (eV)

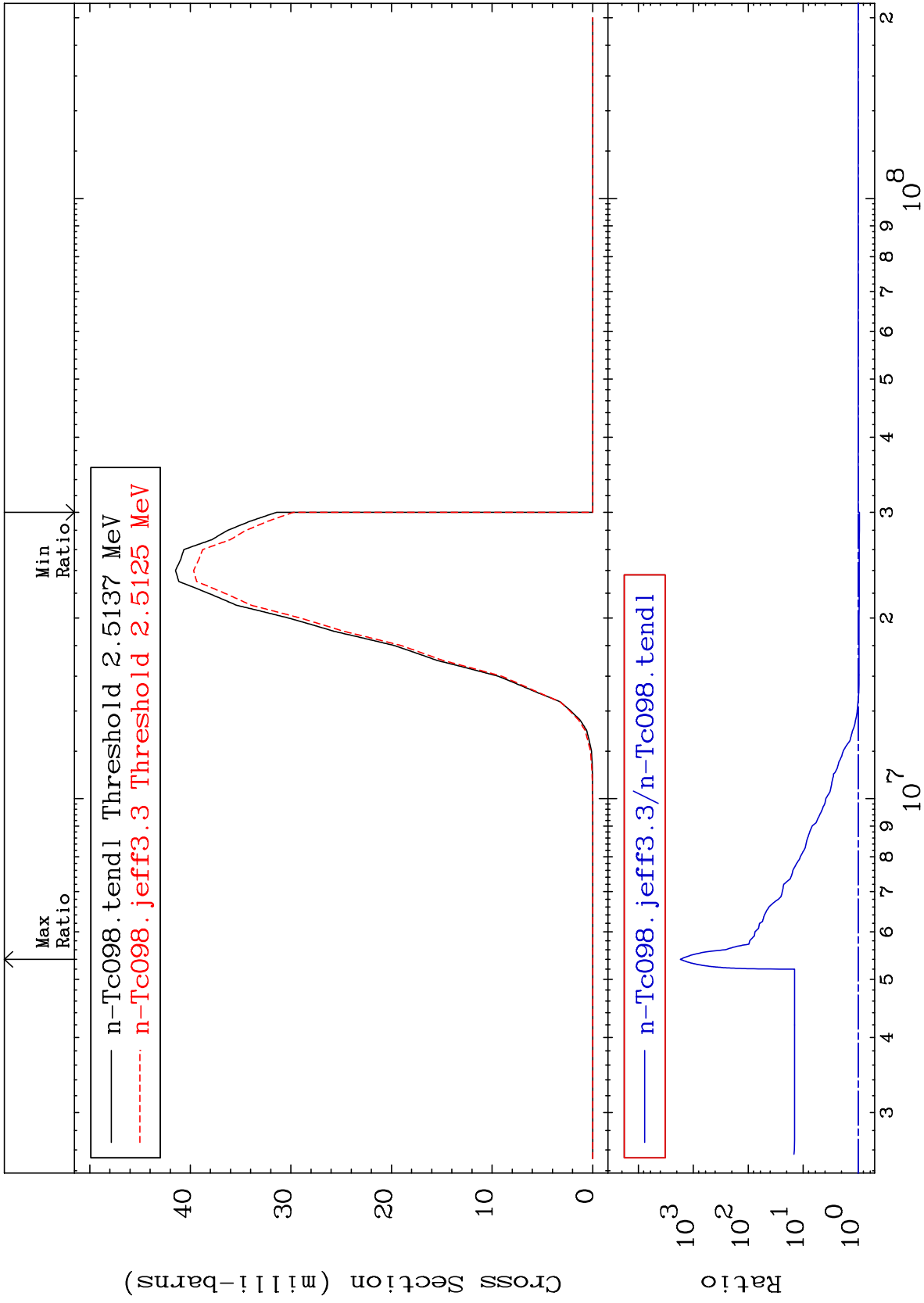
43-Tc-98



MAT 4322

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

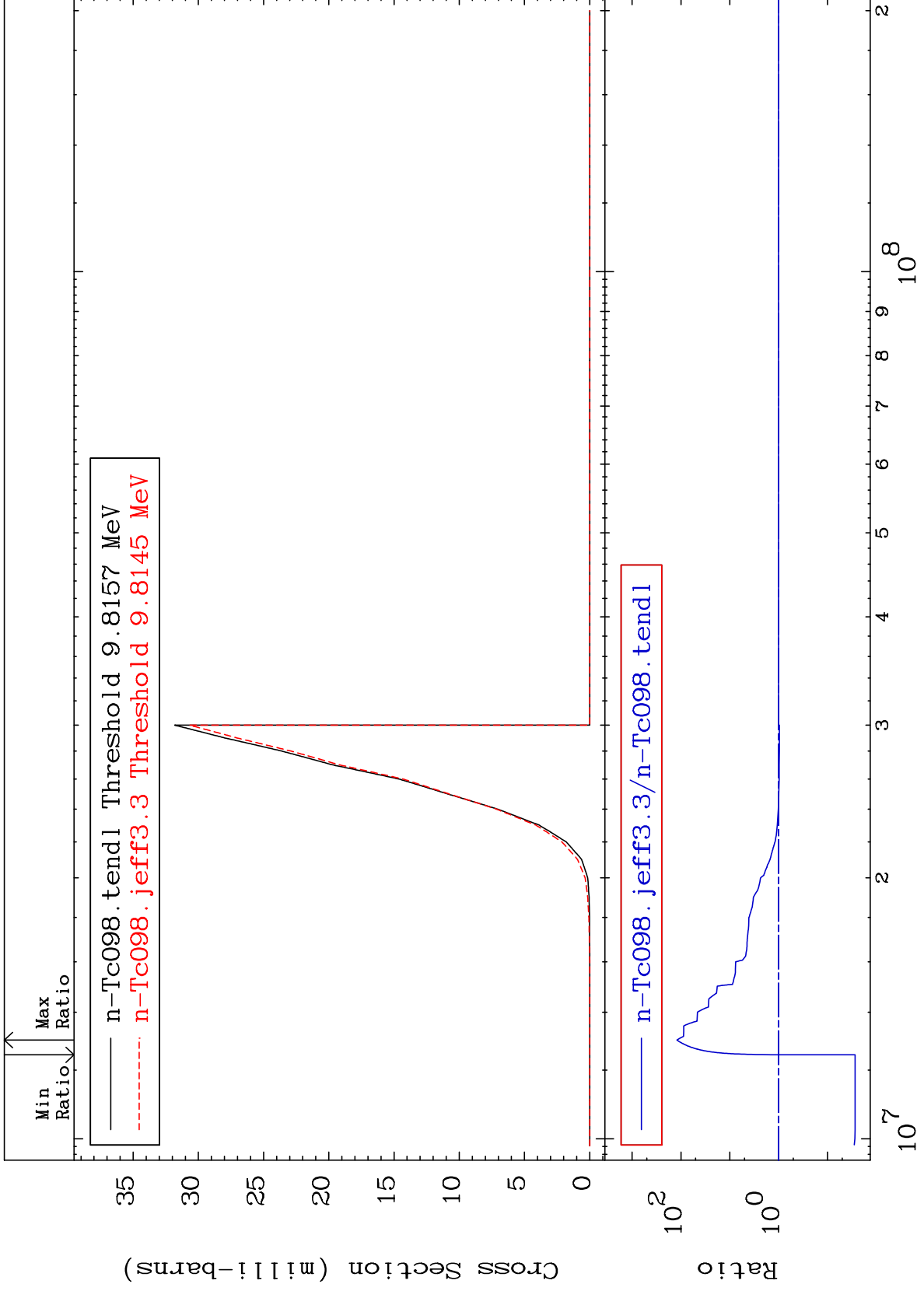
43-Tc-98  
-5.294 To 9999. %



MAT 4322

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

43-Tc-98  
-97.28 To 9999. %

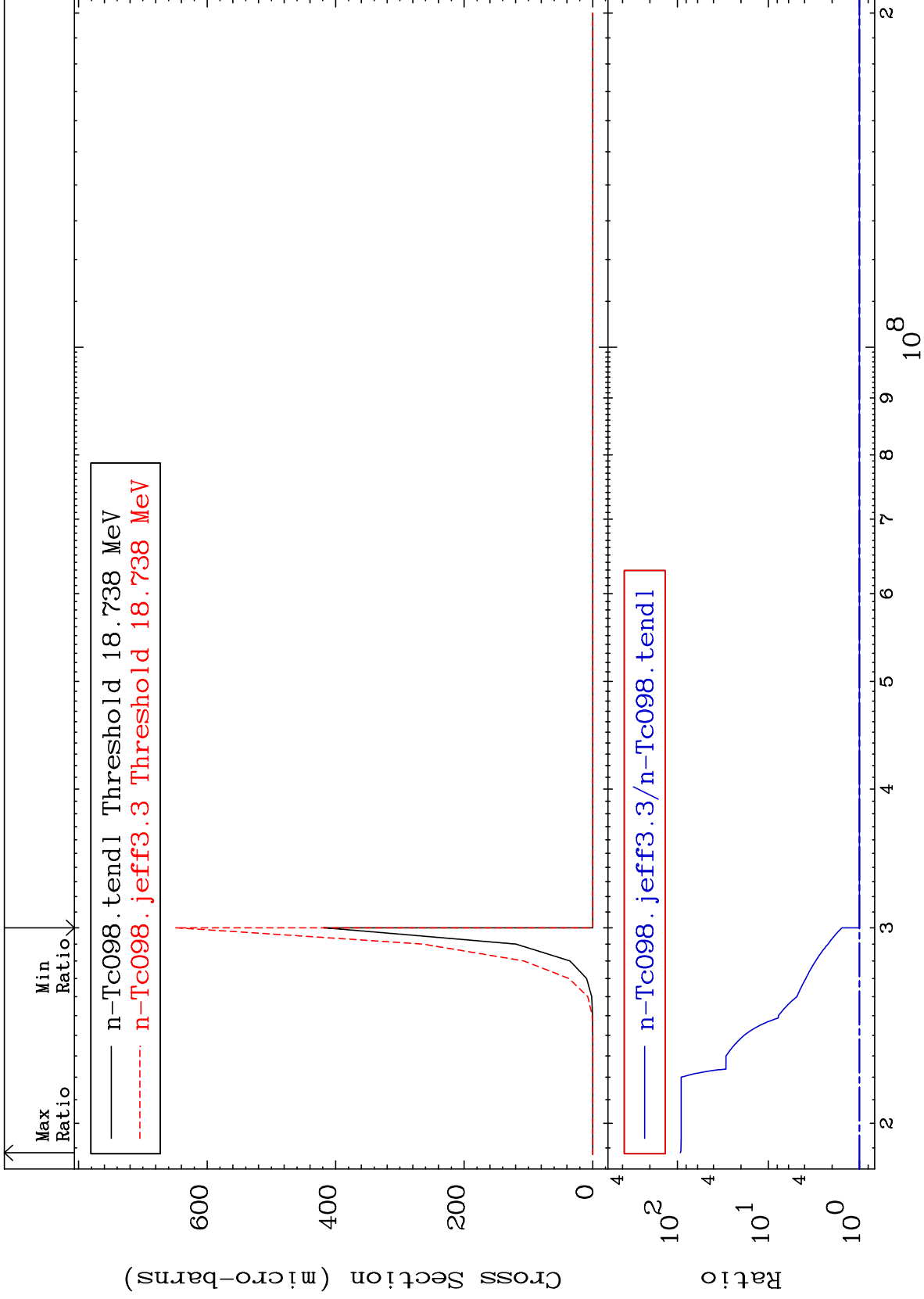




MAT 4322

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

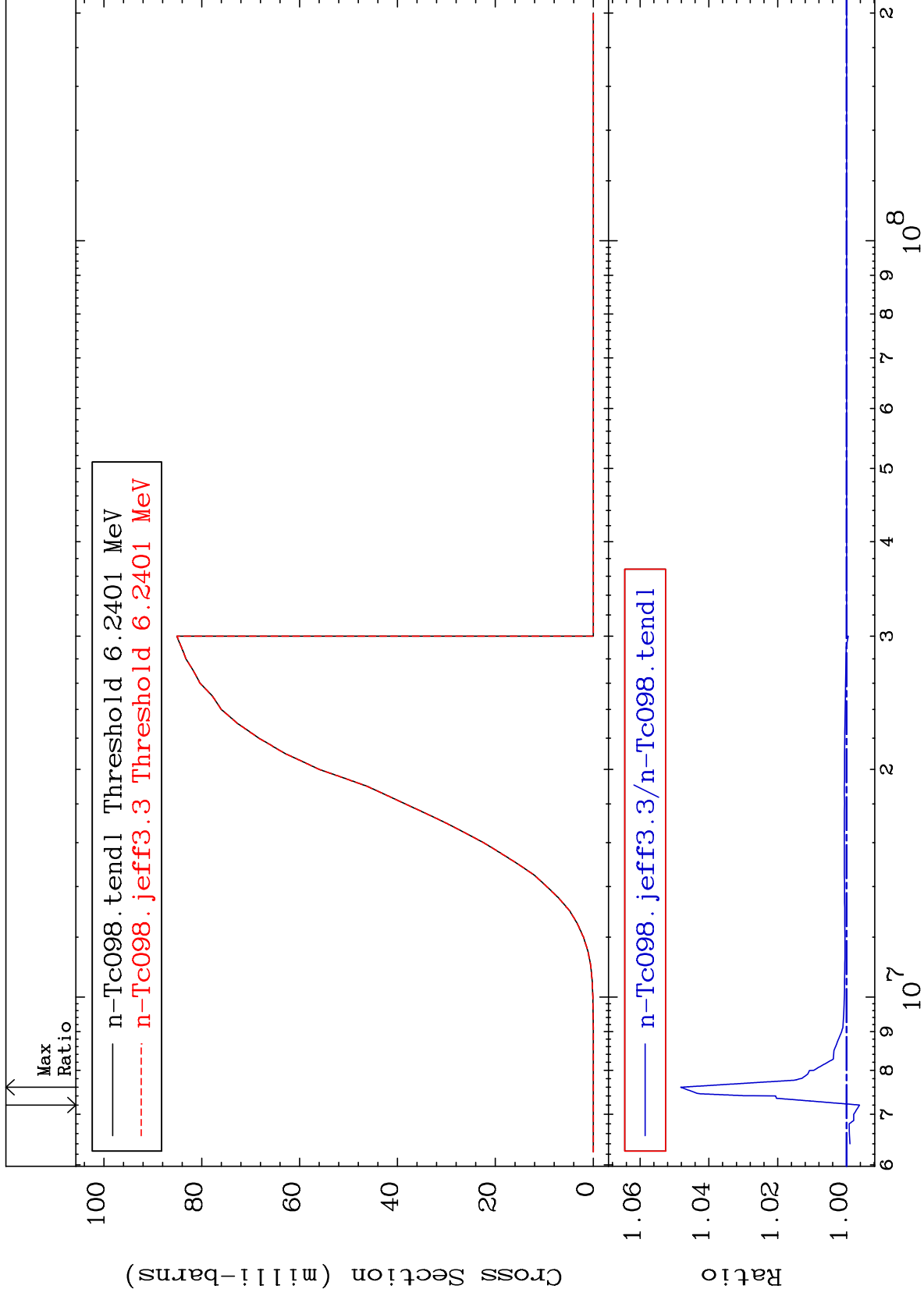
43-Tc-98  
To 9162. %  
0.000



MAT 4322

(n,n') p  
Cross Section

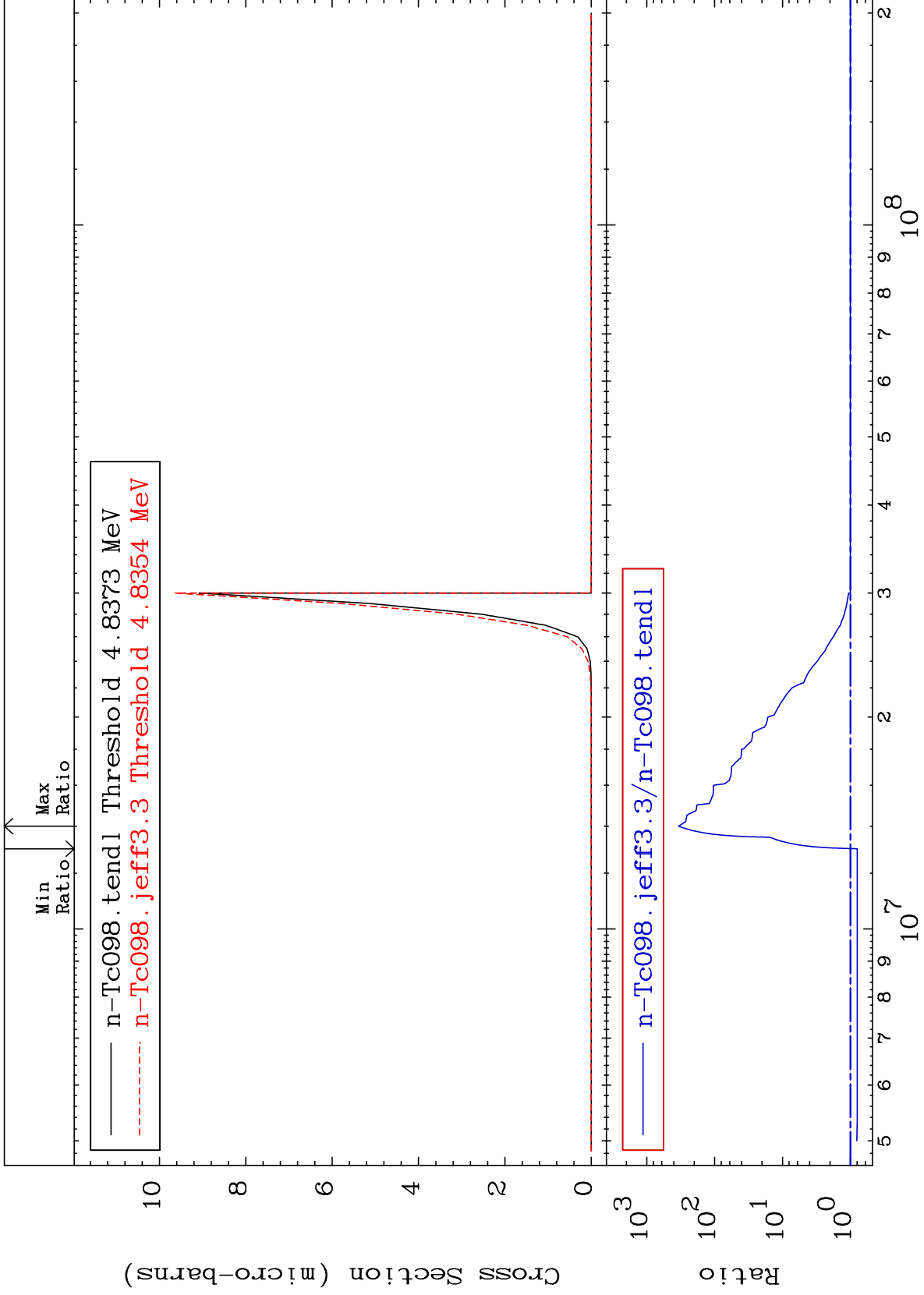
43-Tc-98  
-0.378 To 4.817 %



MAT 4322

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

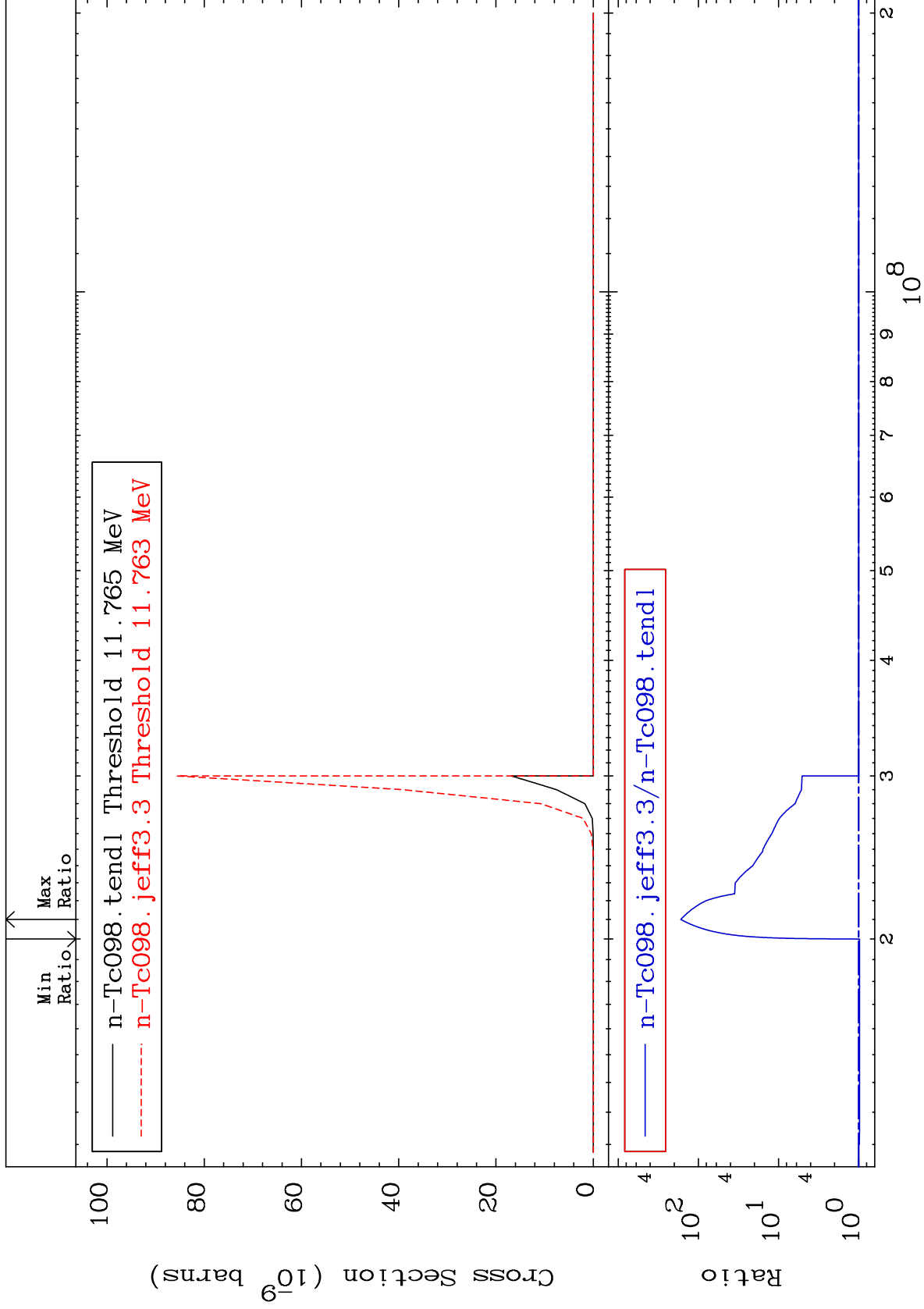
43-Tc-98  
-20.74 To 9999. %



MAT 4322

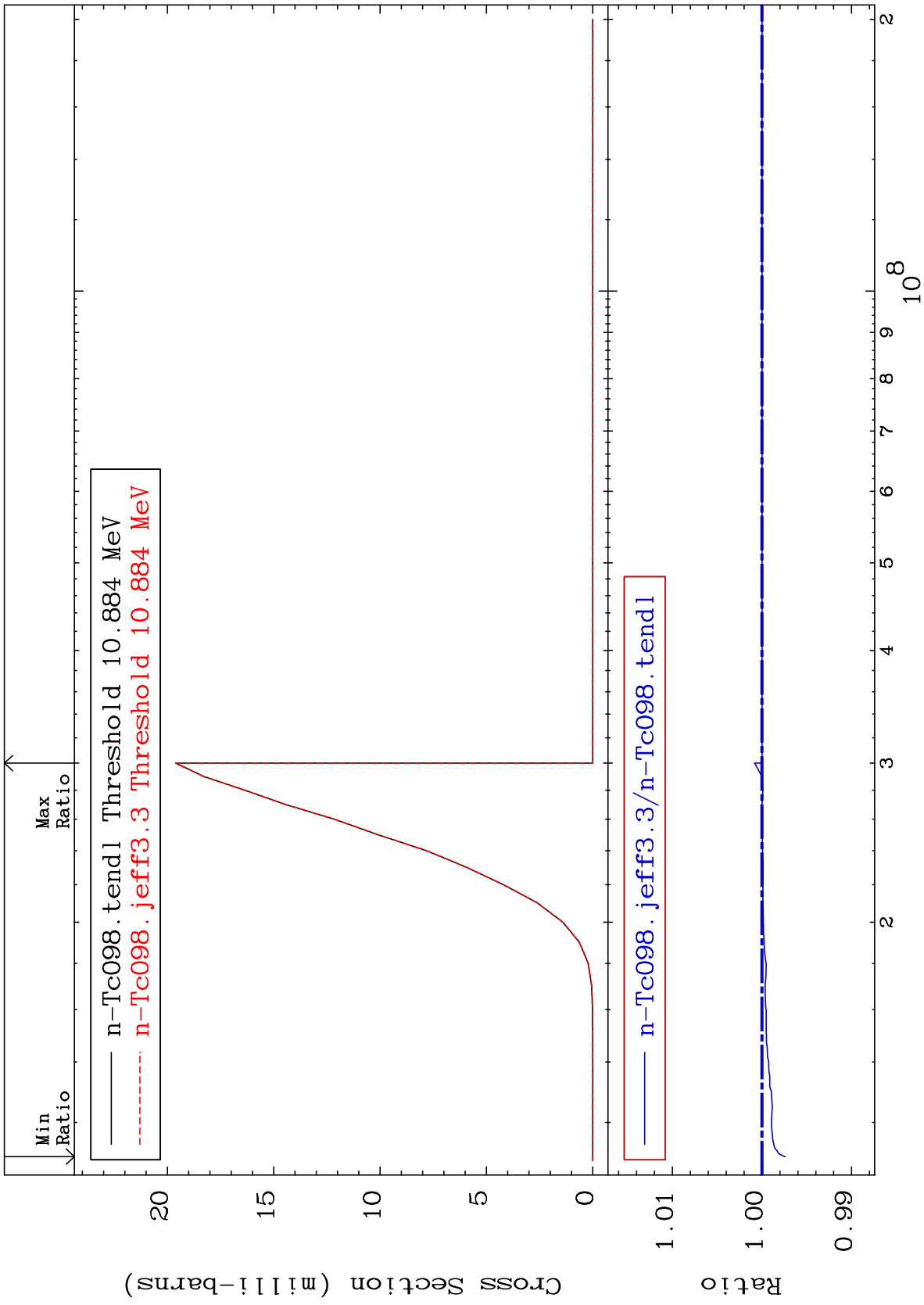
(n,2n) 2 $\alpha$   
Cross Section

43-Tc-98  
-2.141 To 9999. %



Cross Section

-0.259 To 0.082 %



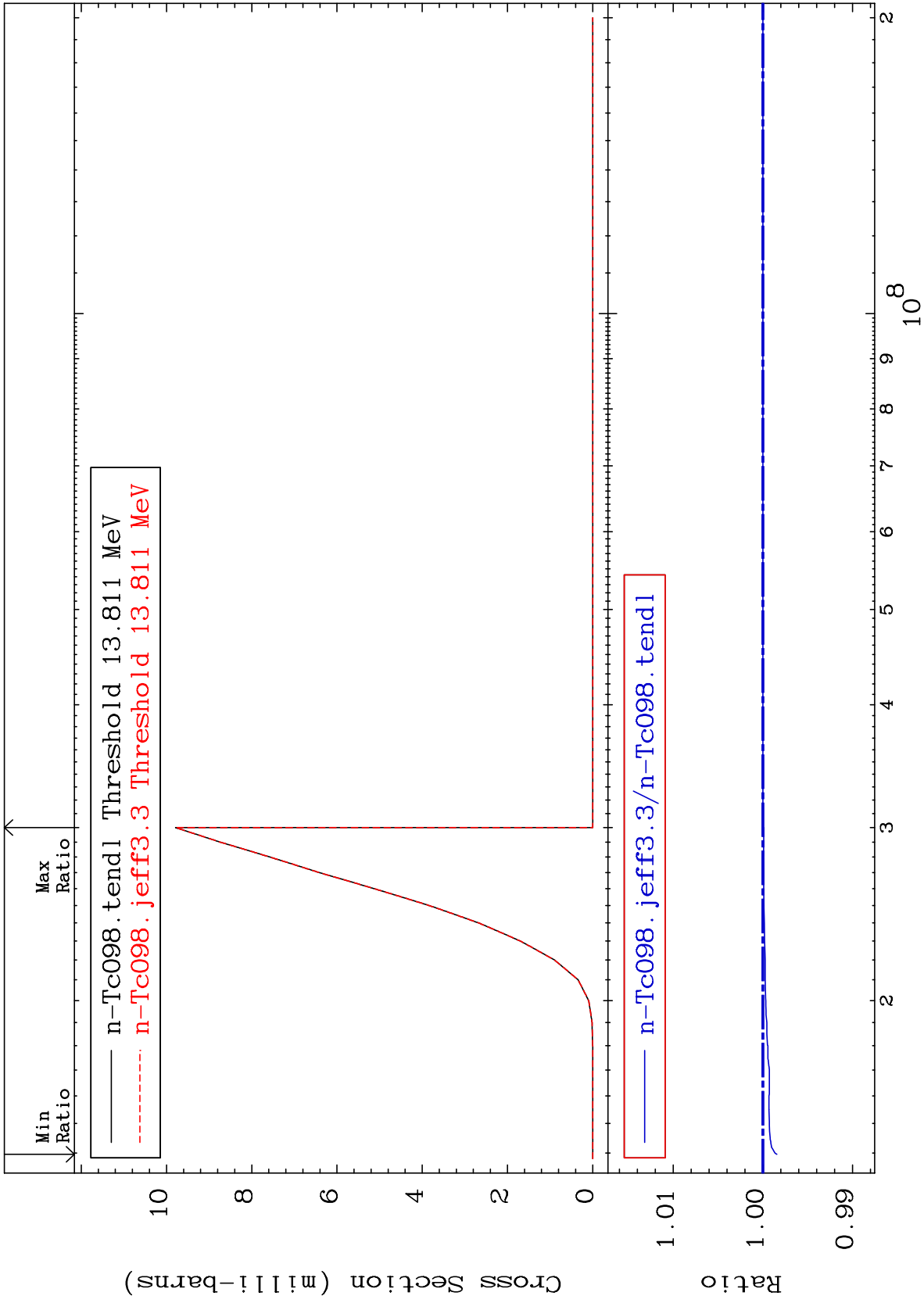
MAT 4322

(n,n') t

43-Tc-98

Cross Section

-0.157 To 0.000 %



14

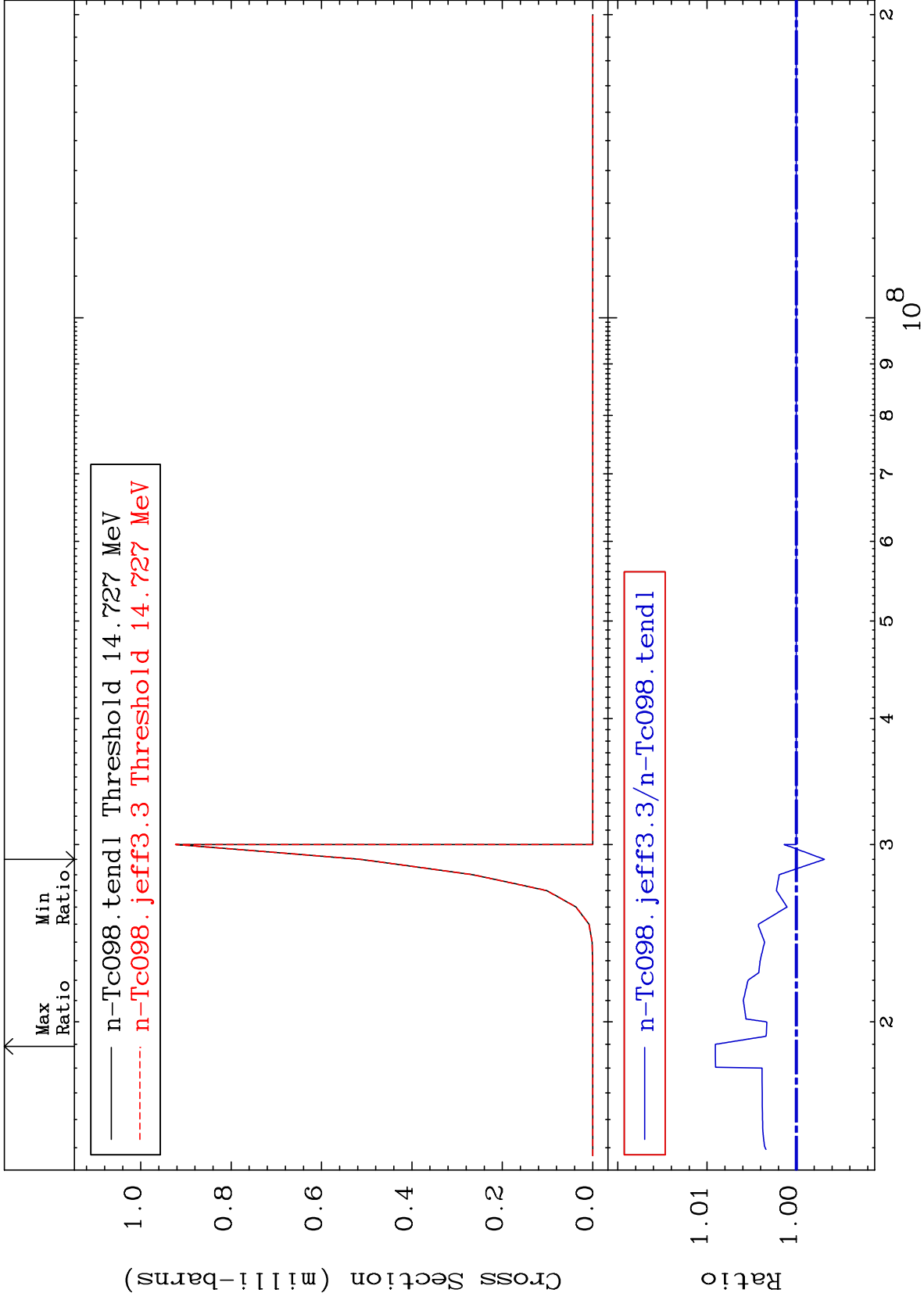
Incident Energy (eV)

43-Tc-98

MAT 4322

(n, n') He-3  
Cross Section

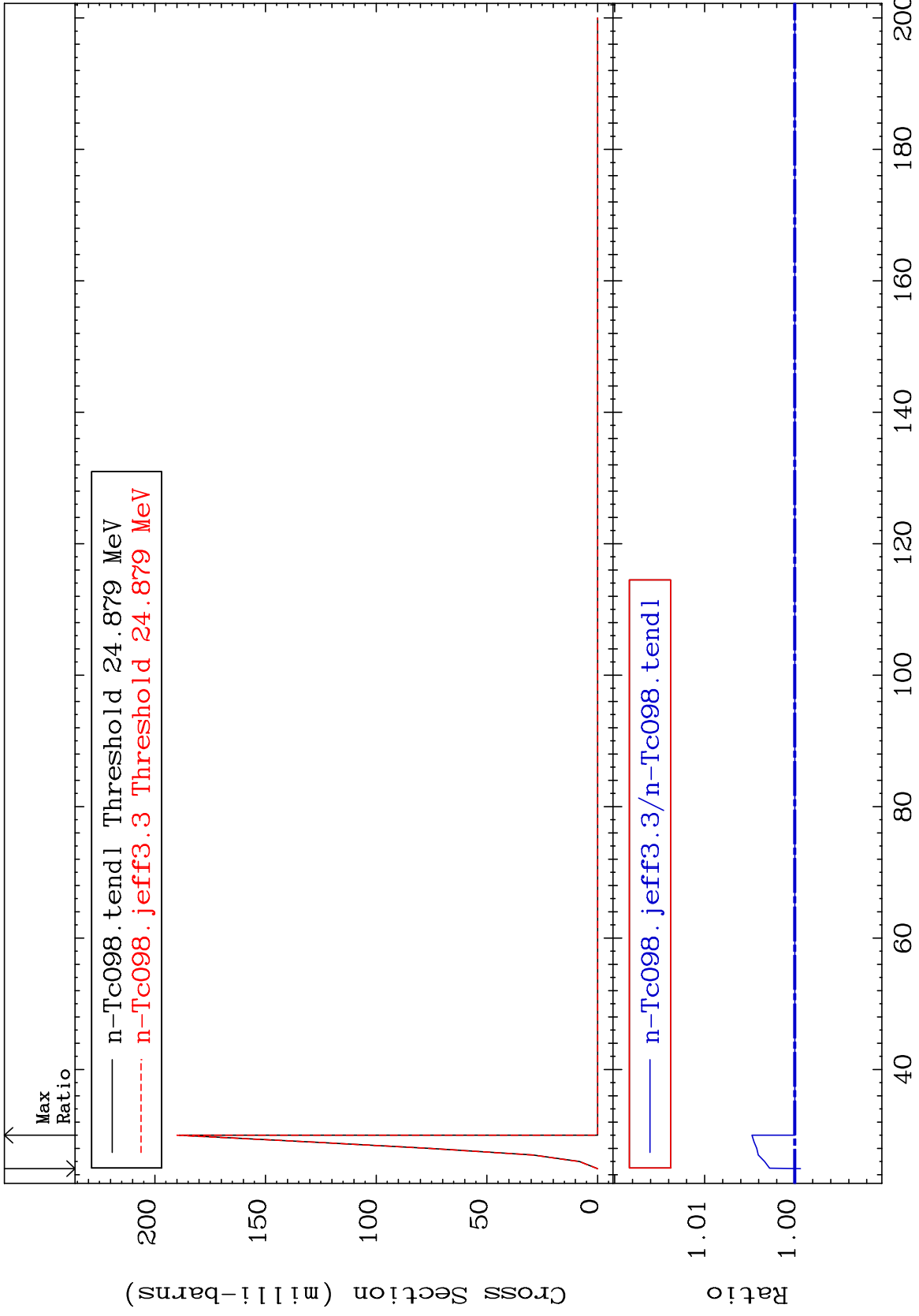
43-Tc-98  
-0.314 To 0.907 %



MAT 4322

(n,4n)  
Cross Section

43-Tc-98  
-0.063 To 0.474 %

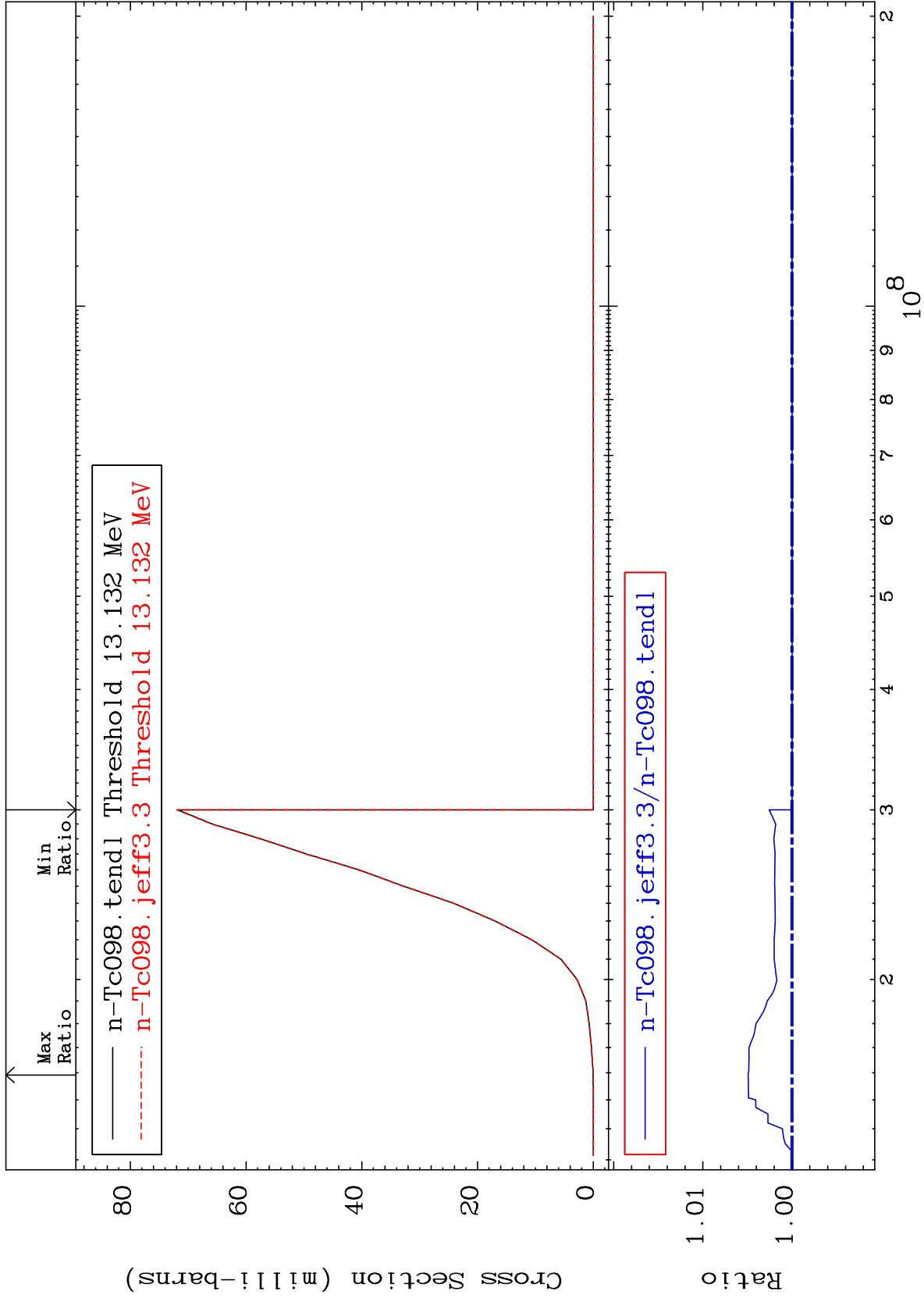




MAT 4322

(n,2n) p  
Cross Section

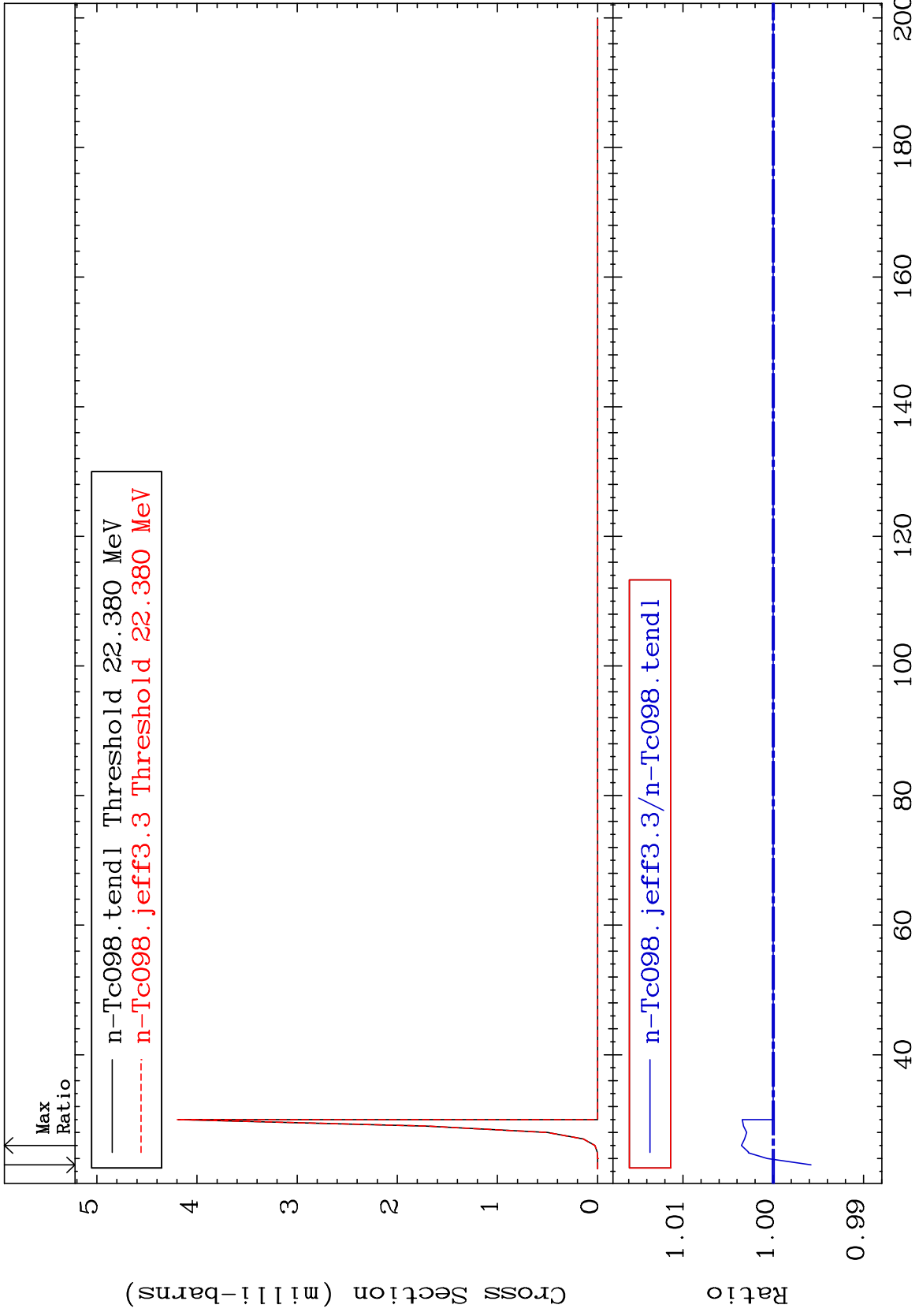
43-Tc-98  
0.000 To 0.491 %



MAT 4322

(n,3n) p  
Cross Section

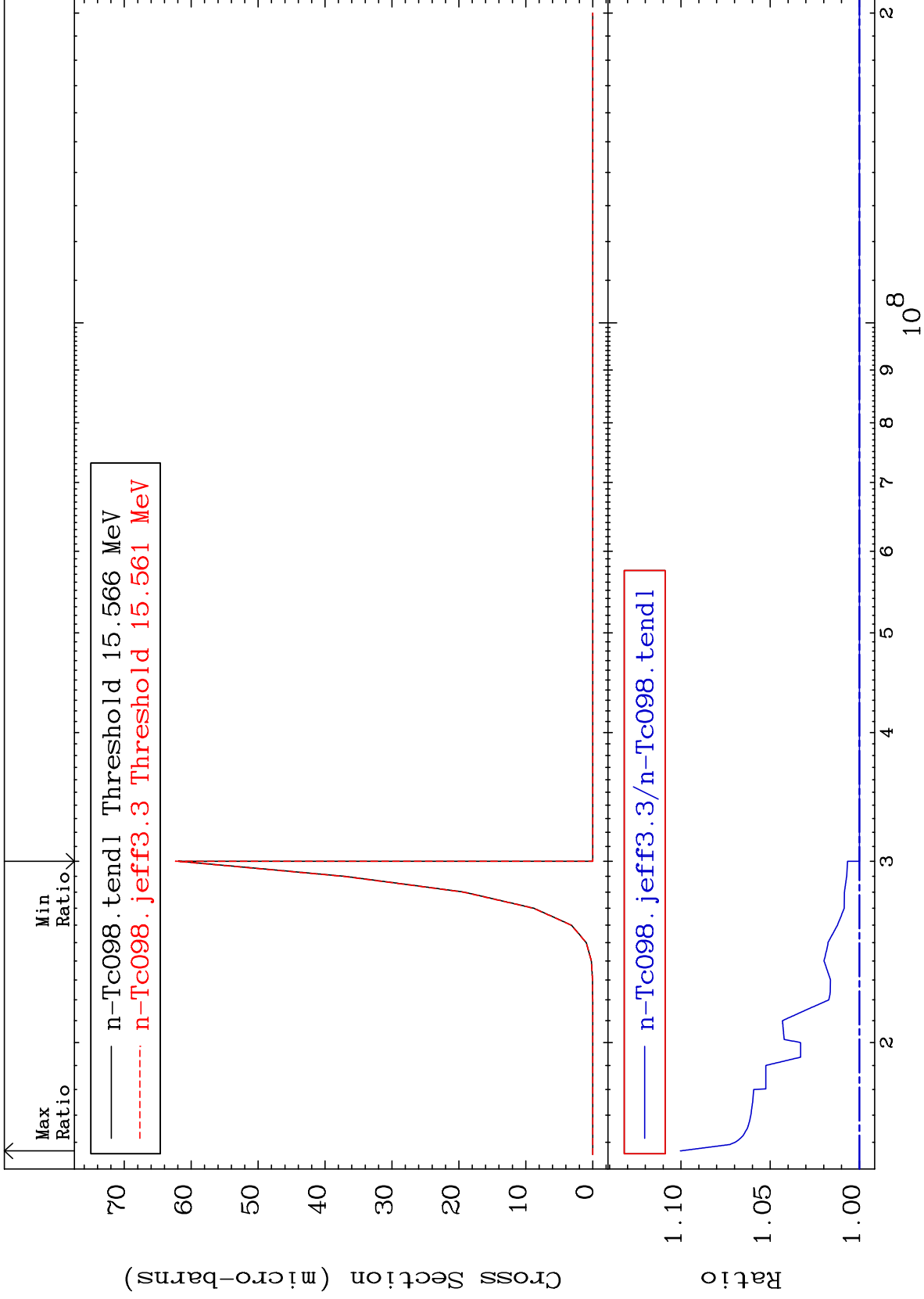
43-Tc-98  
-0.419 To 0.352 %



MAT 4322

(n,2n) p  
Cross Section

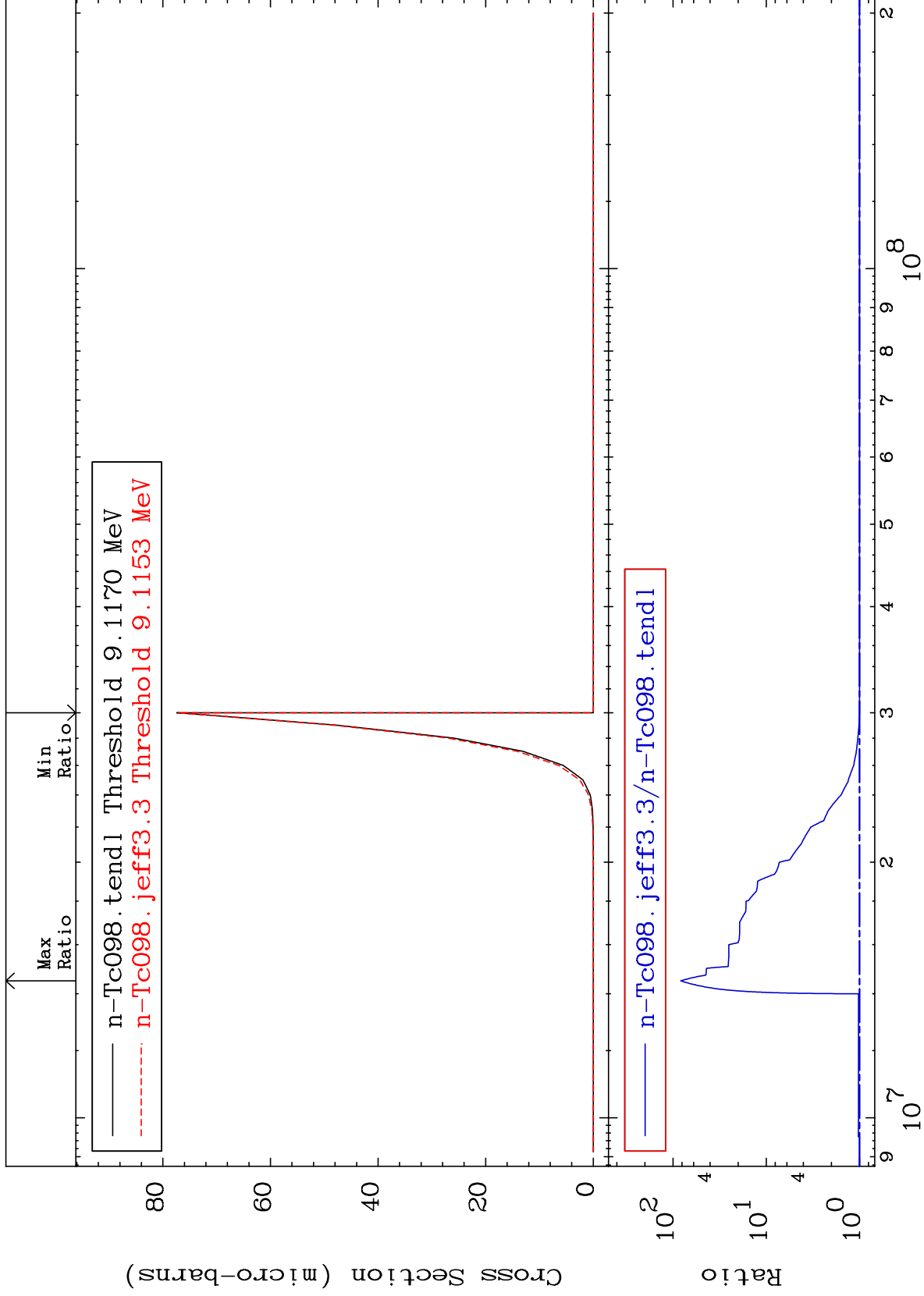
43-Tc-98  
0.000 To 10.04 %



MAT 4322

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

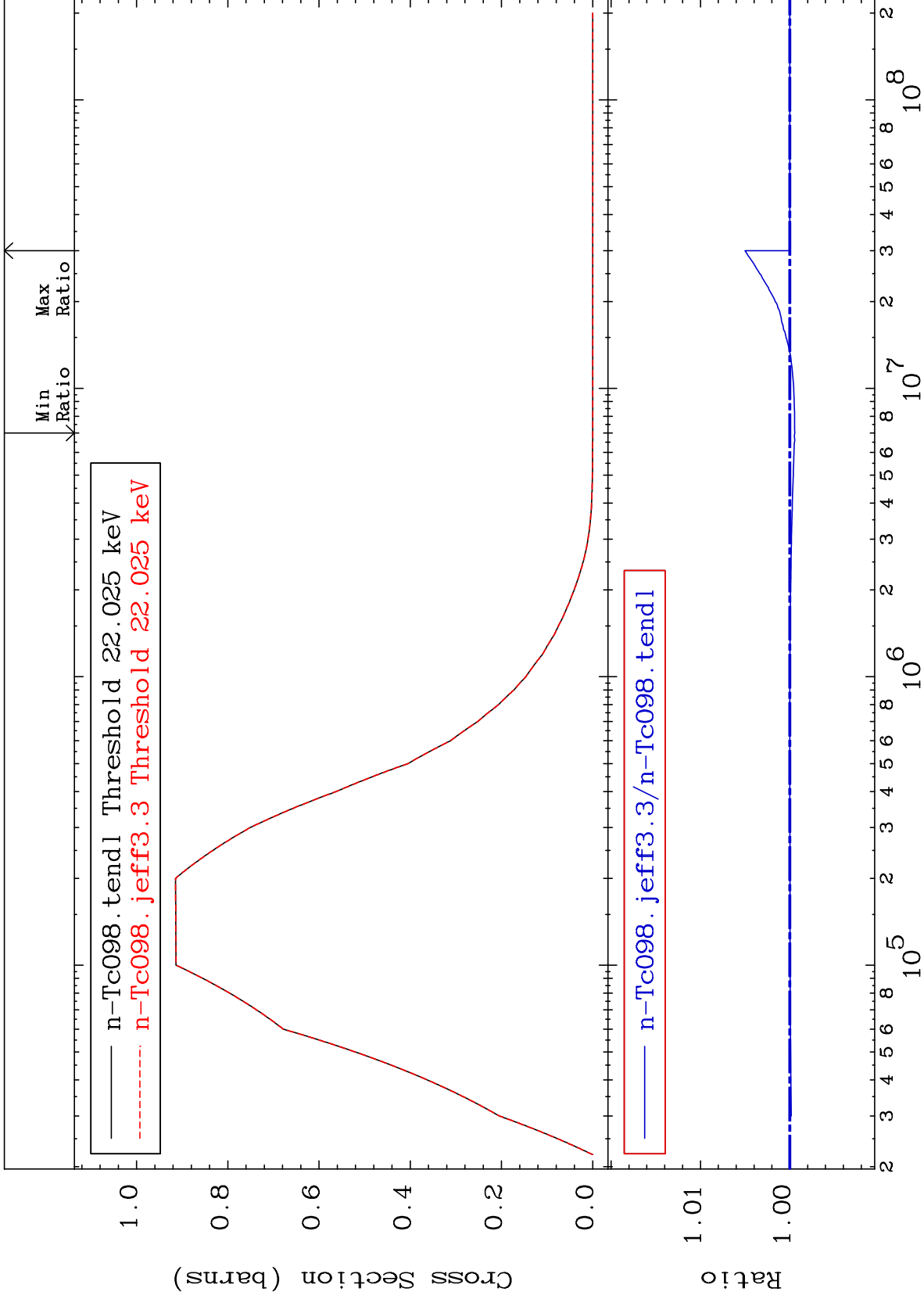
43-Tc-98  
-0.176 To 8160. %



MAT 4322

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

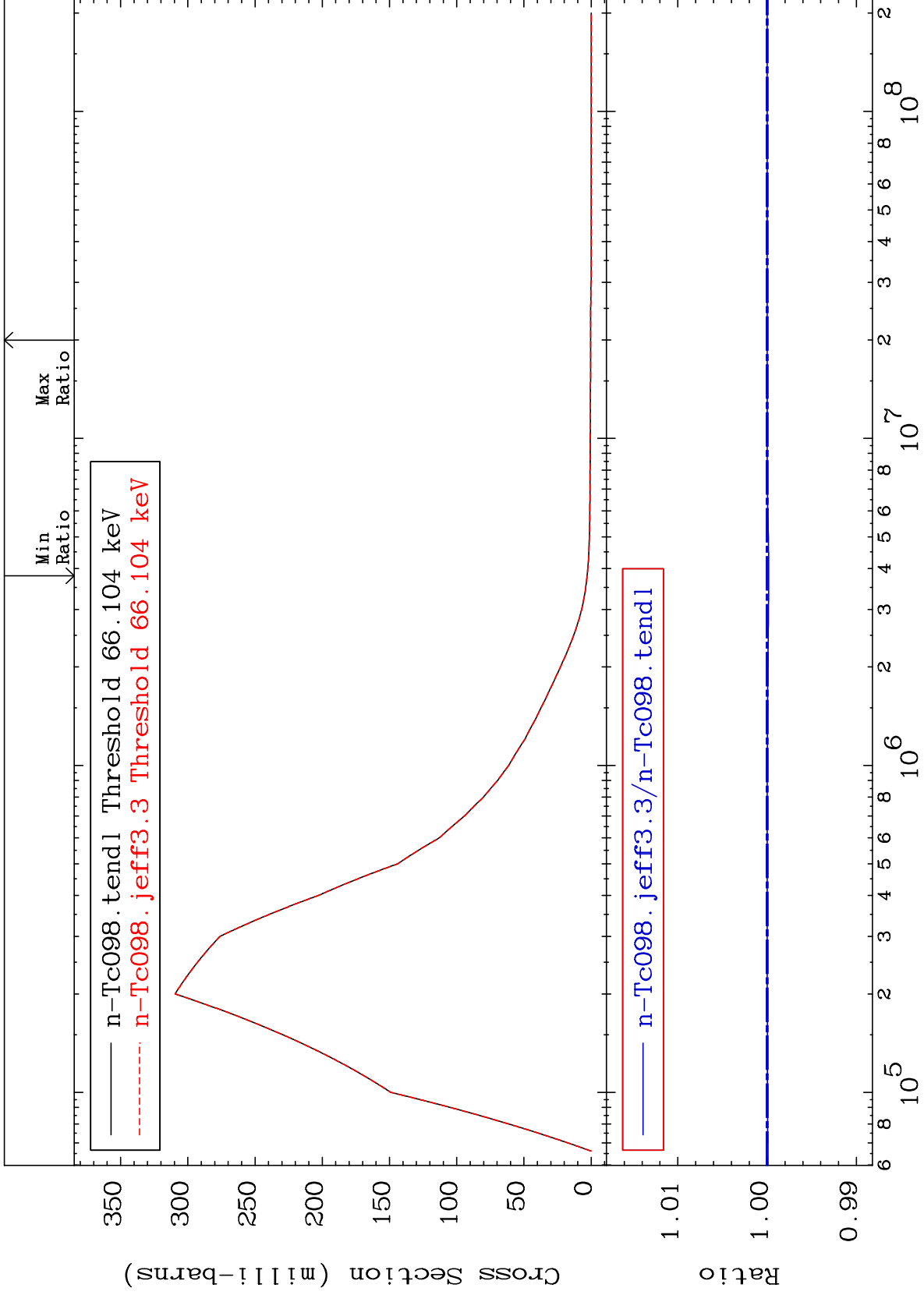
43-Tc-98  
-0.057 To 0.502 %



MAT 4322

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

43-Tc-98  
-0.018 To 0.000 %



22

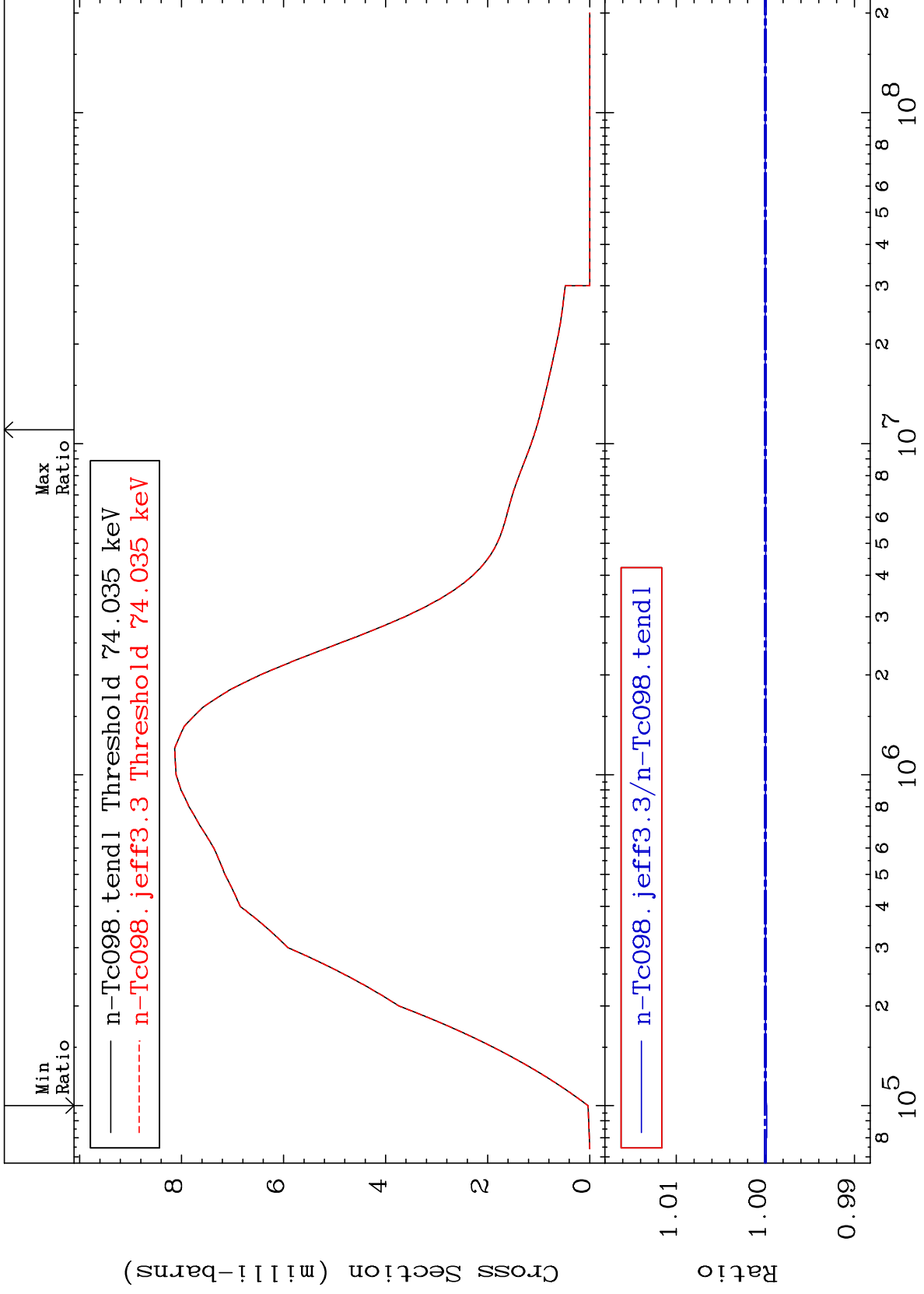
Incident Energy (eV)

43-Tc-98

MAT 4322

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

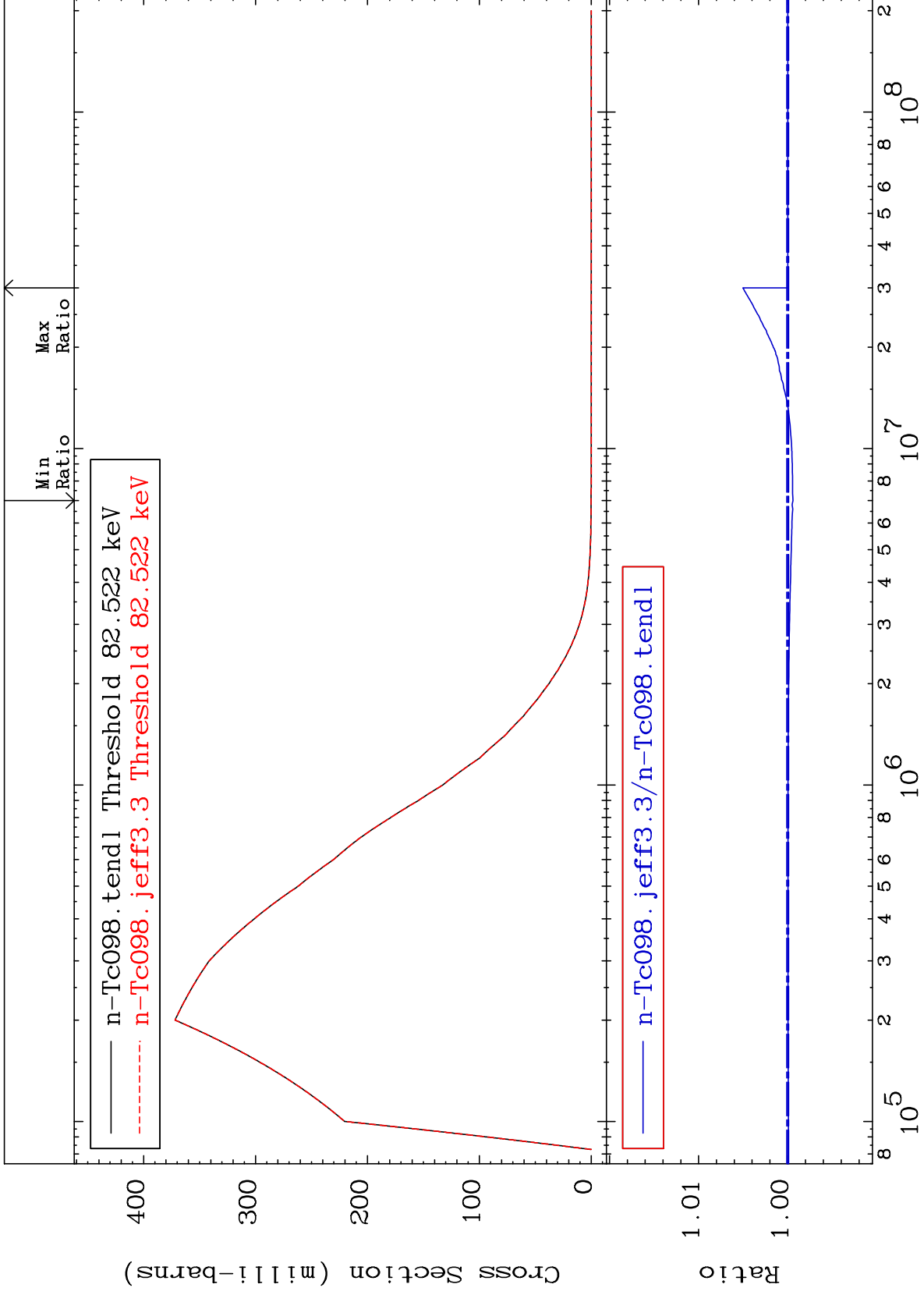
43-Tc-98  
-0.015 To 0.000 %



MAT 4322

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

43-Tc-98  
-0.058 To 0.503 %



24

Incident Energy (eV)

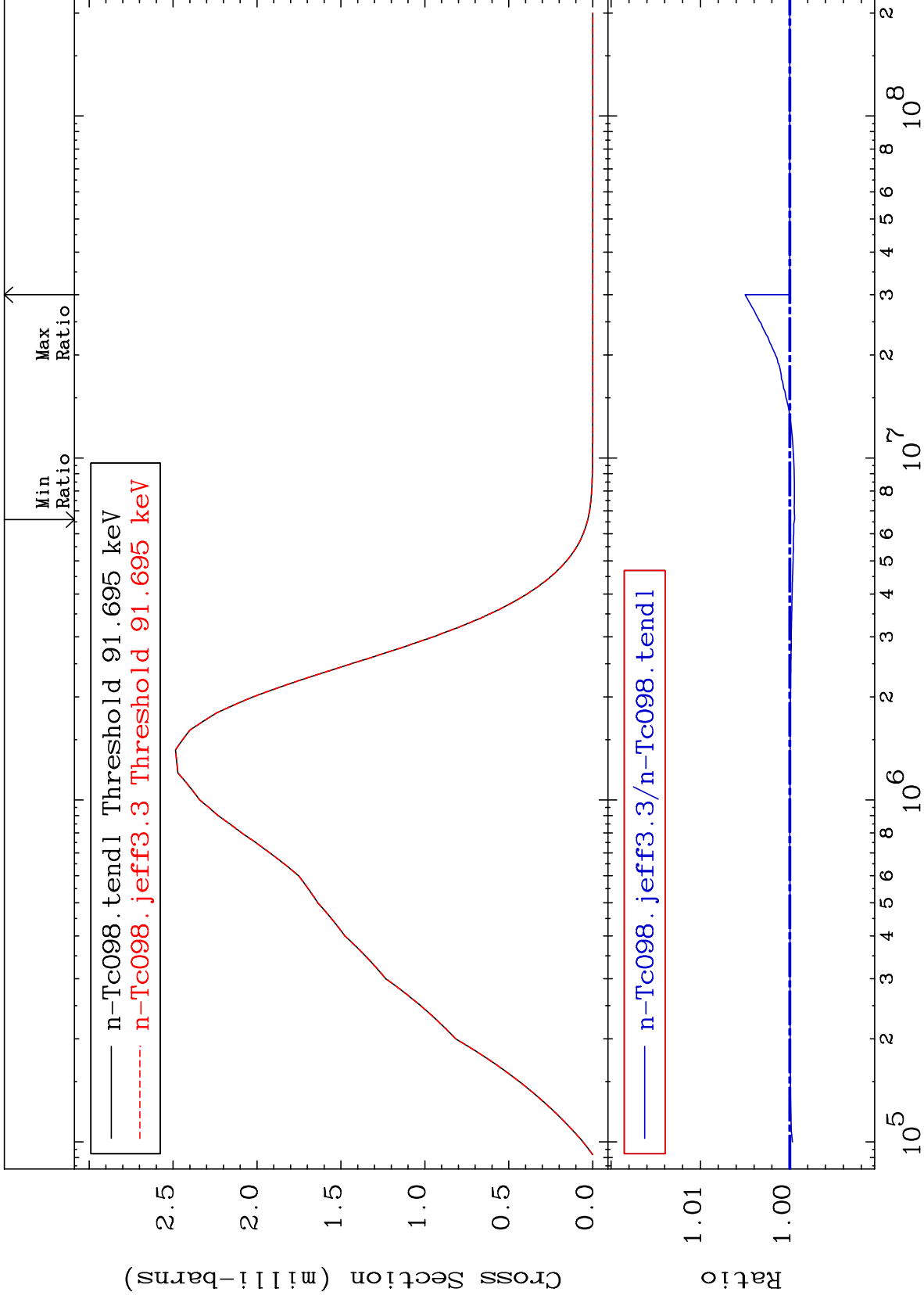
43-Tc-98



MAT 4322

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

43-Tc-98  
-0.054 To 0.500 %



25

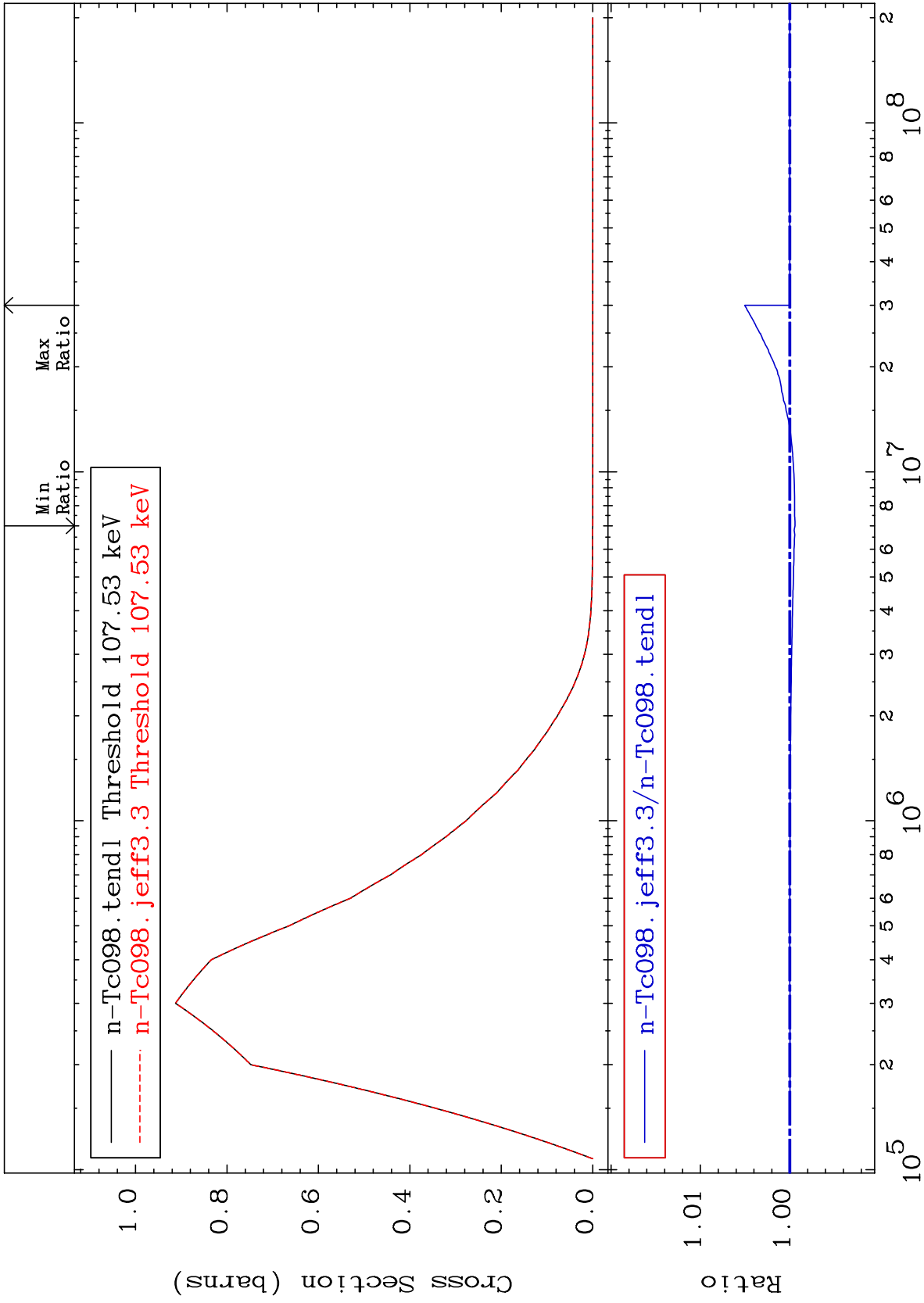
Incident Energy (eV)

43-Tc-98

MAT 4322

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

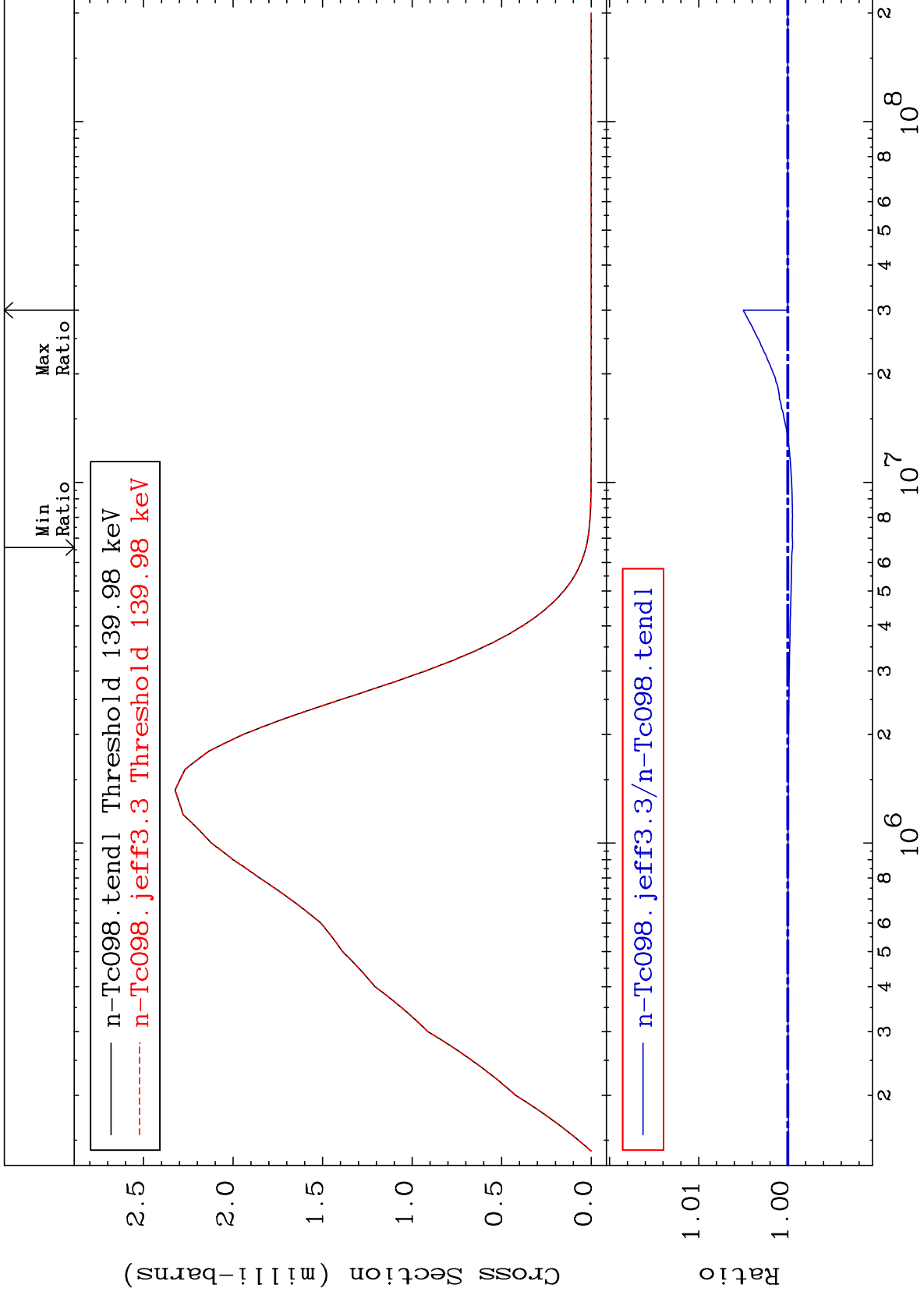
43-Tc-98  
-0.060 To 0.504 %



MAT 4322

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

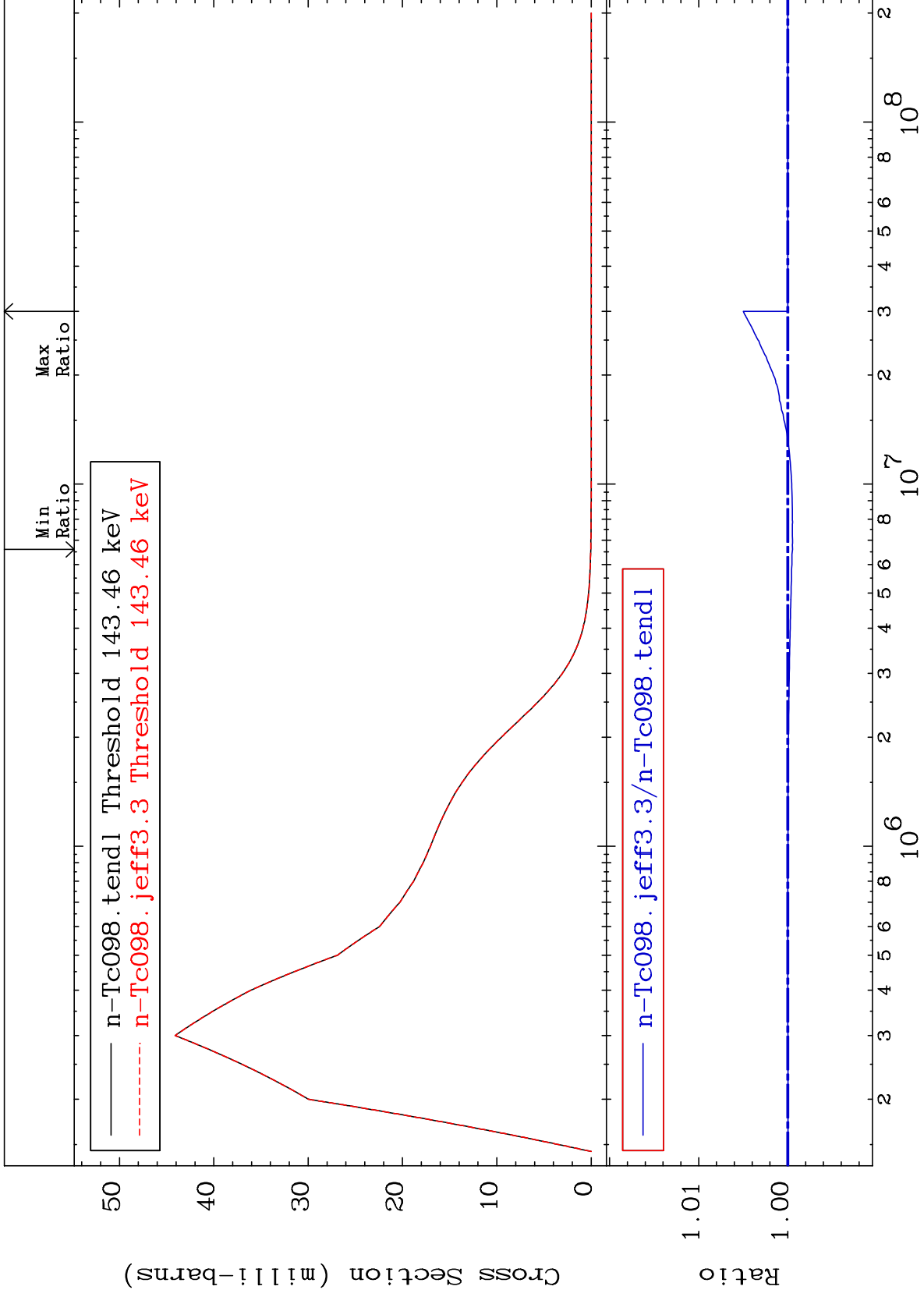
43-Tc-98  
-0.054 To 0.500 %



MAT 4322

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

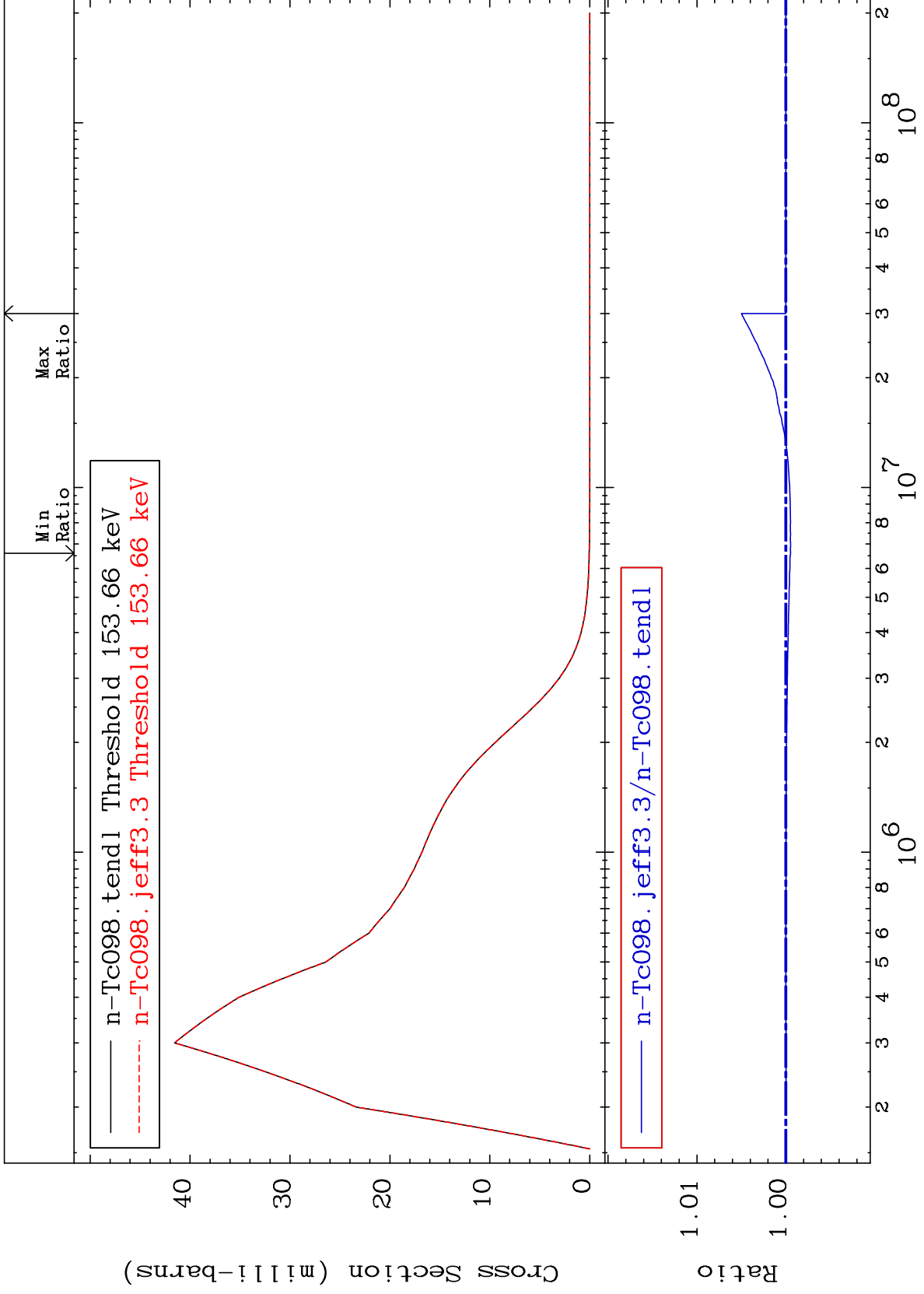
43-Tc-98  
-0.055 To 0.500 %



MAT 4322

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

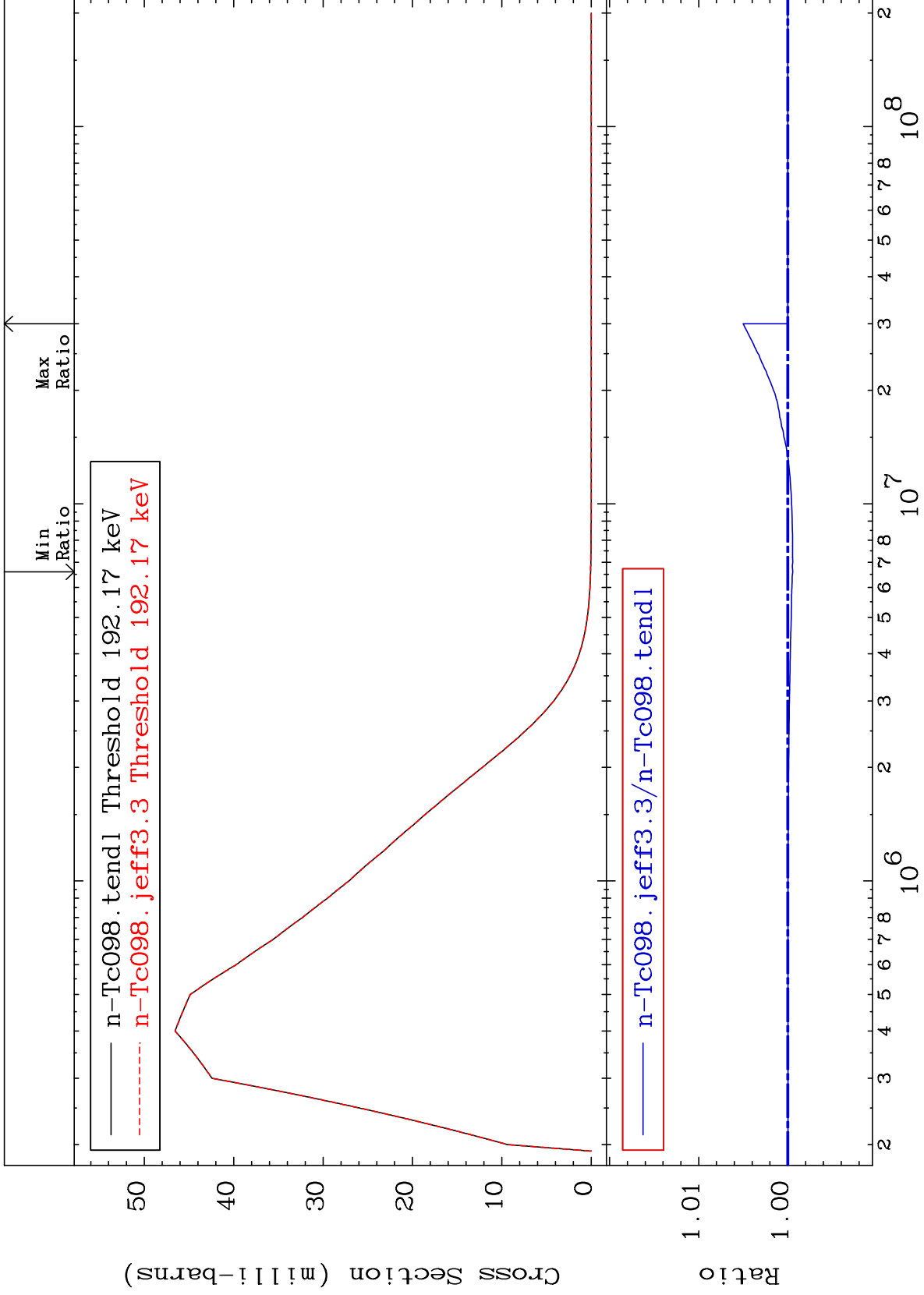
43-Tc-98  
-0.055 To 0.500 %



MAT 4322

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

43-Tc-98  
-0.056 To 0.501 %



30

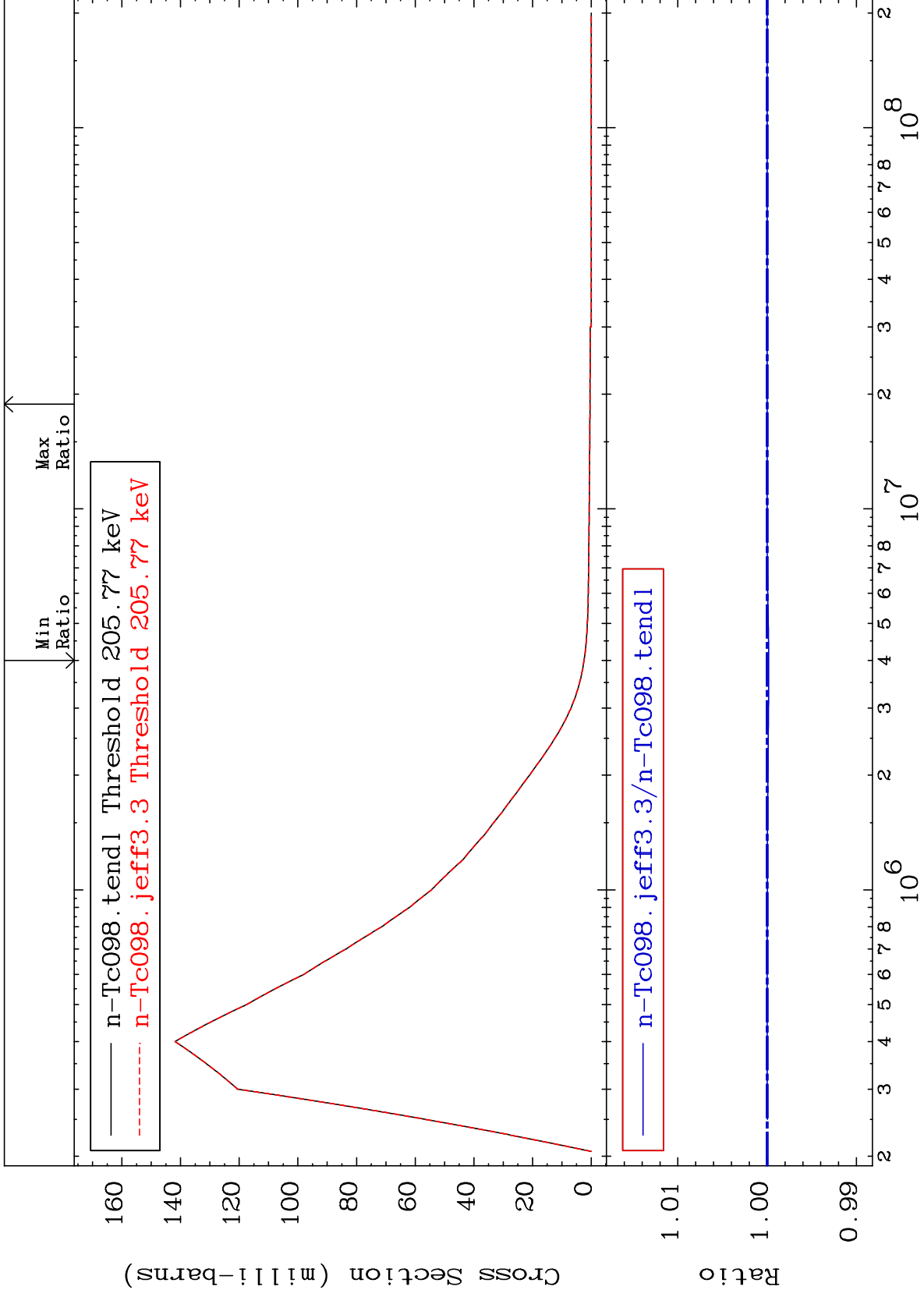
Incident Energy (eV)

43-Tc-98

MAT 4322

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

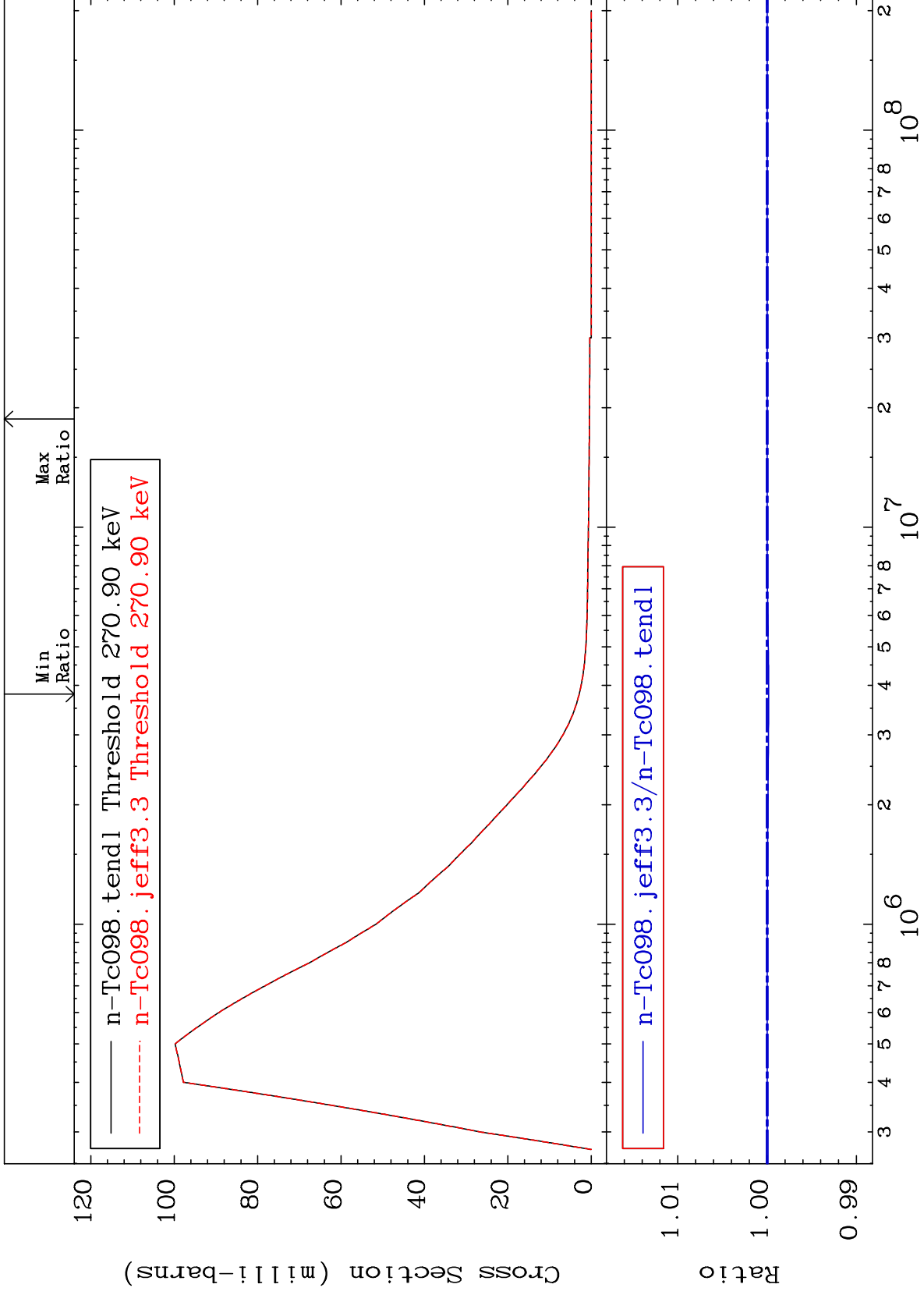
43-Tc-98  
-0.018 To 0.000 %



MAT 4322

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

43-Tc-98  
-0.018 To 0.000 %



32

Incident Energy (eV)

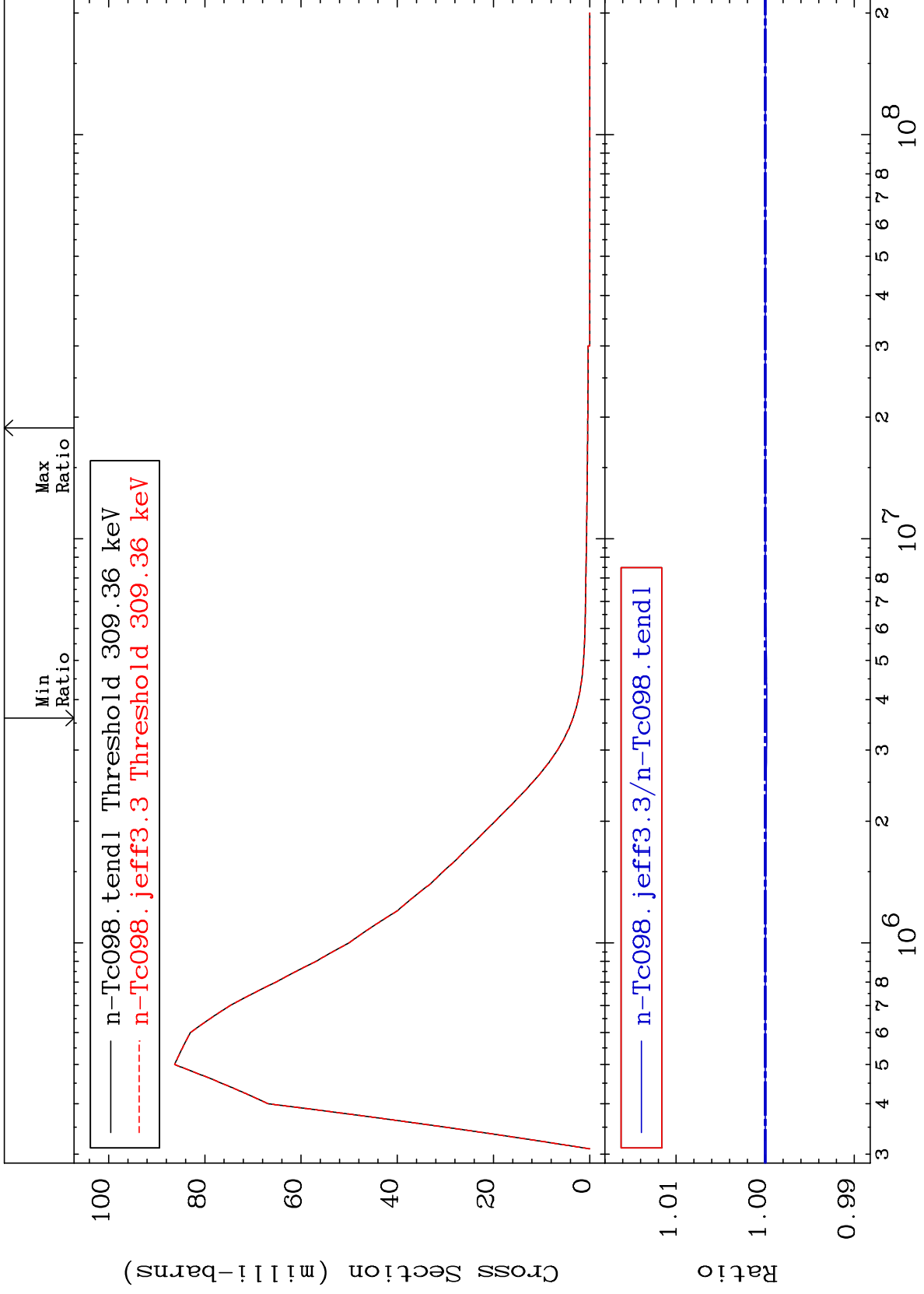
43-Tc-98



MAT 4322

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

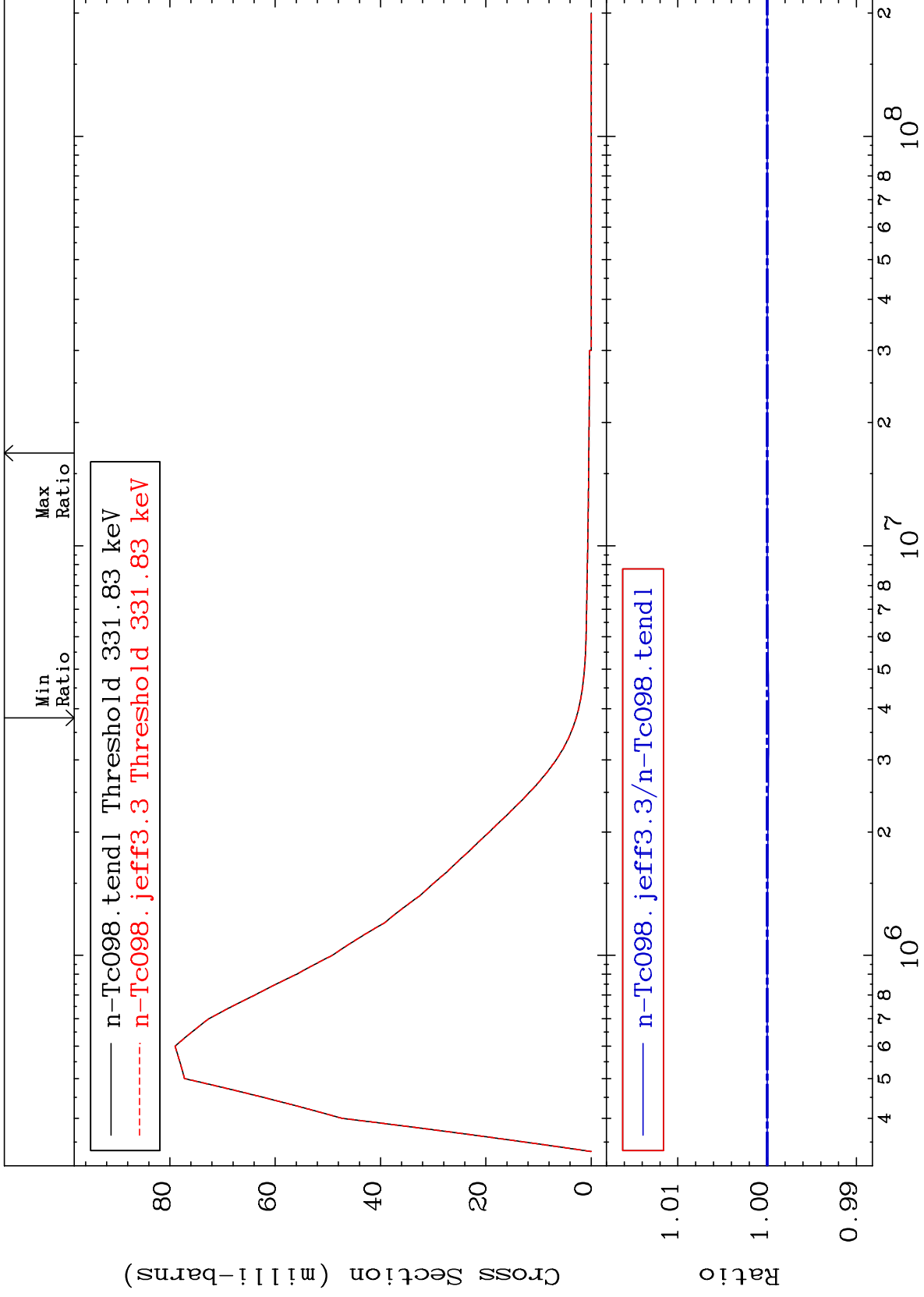
43-Tc-98  
-0.018 To 0.000 %



MAT 4322

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

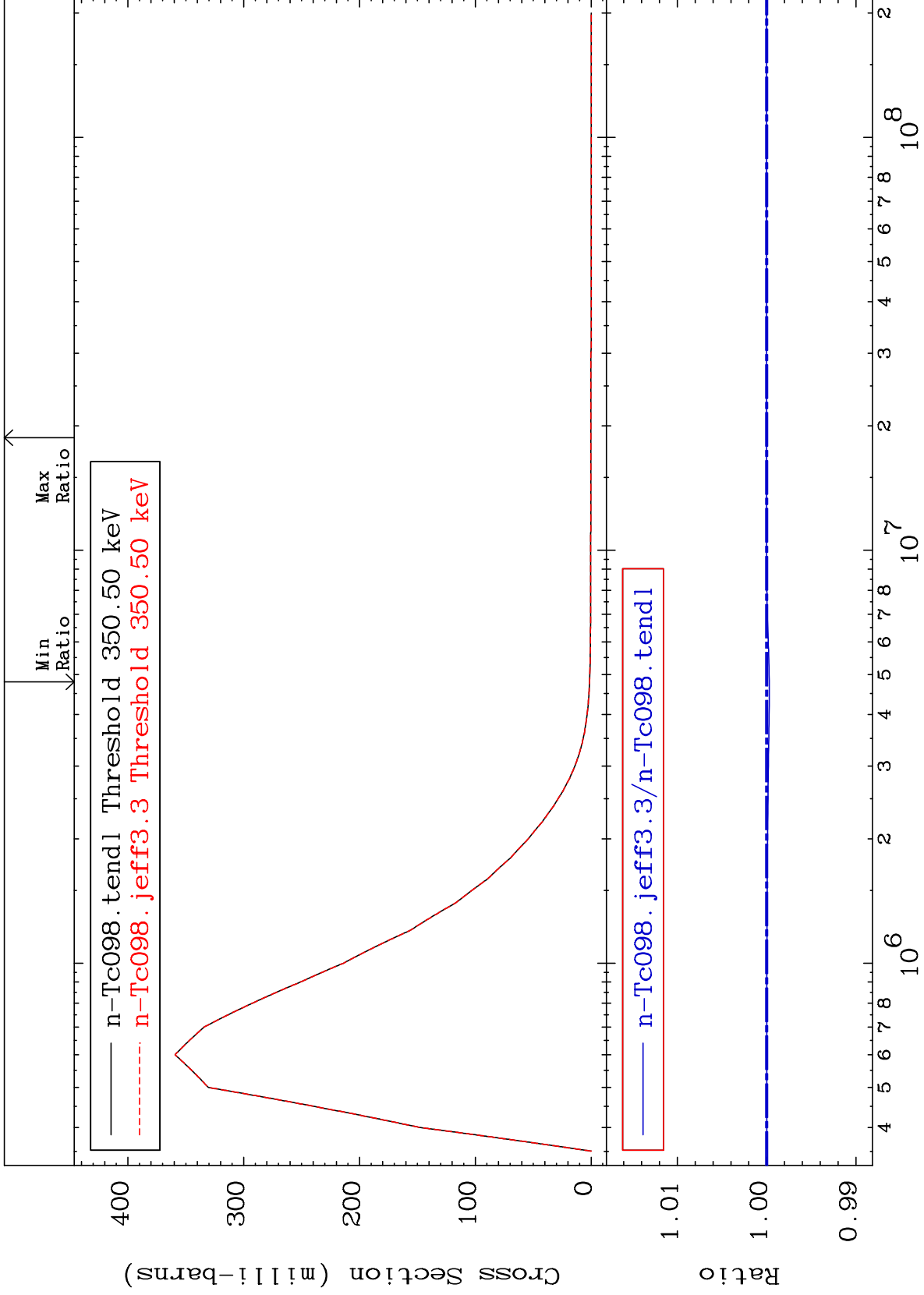
43-Tc-98  
-0.018 To 0.000 %



MAT 4322

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

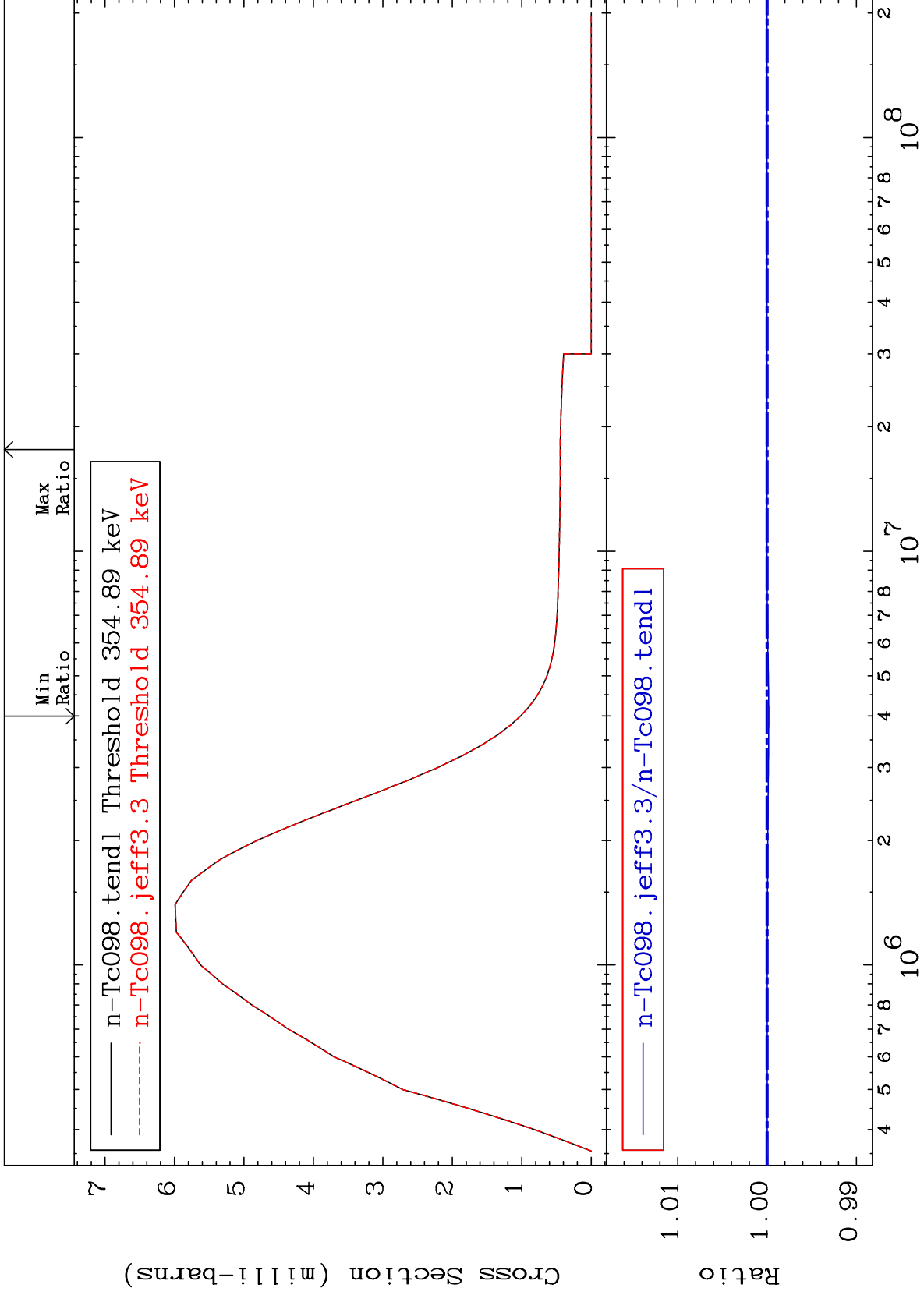
43-Tc-98  
-0.029 To 0.000 %



MAT 4322

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

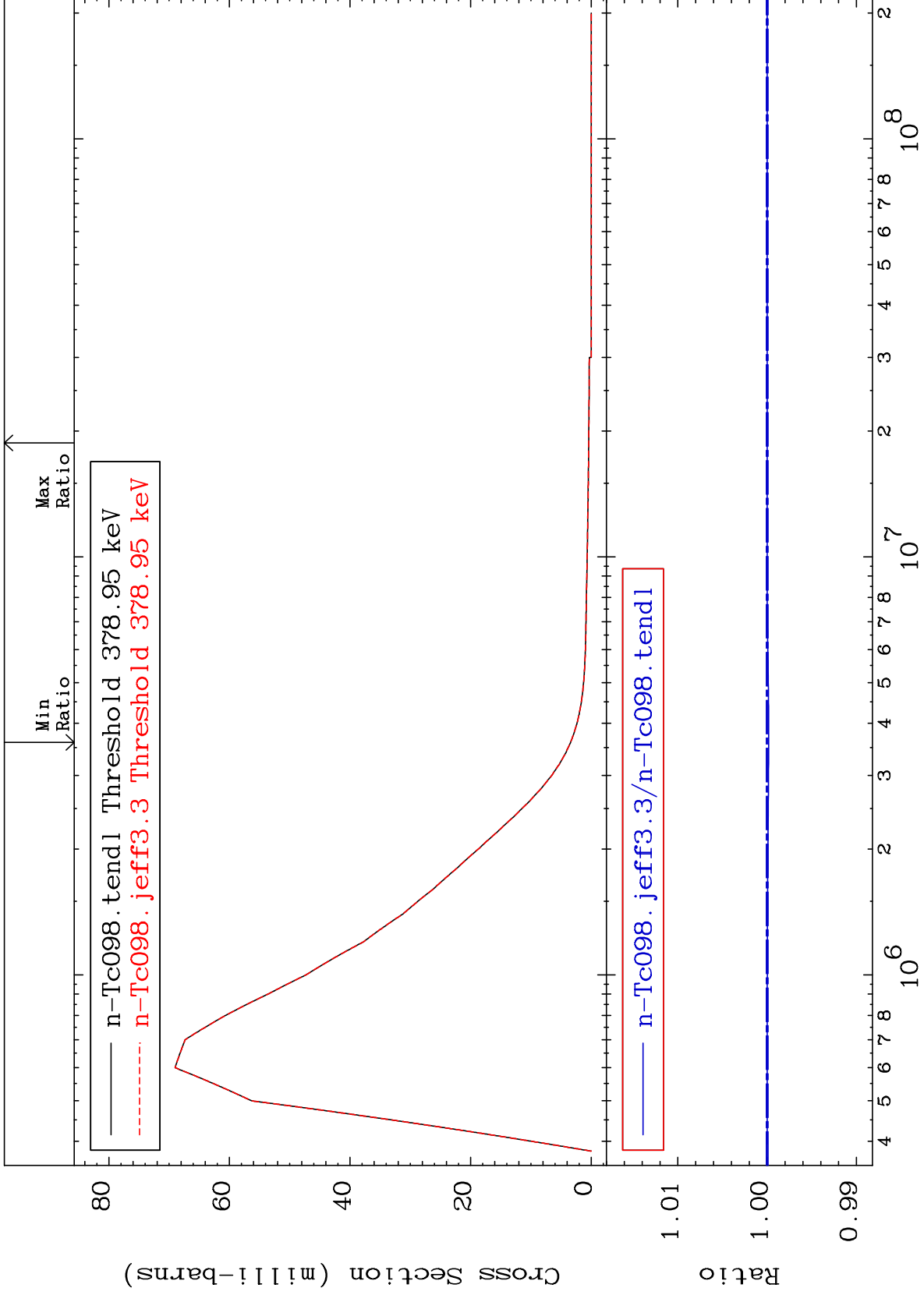
43-Tc-98  
-0.020 To 0.000 %



MAT 4322

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

43-Tc-98  
-0.018 To 0.000 %



37

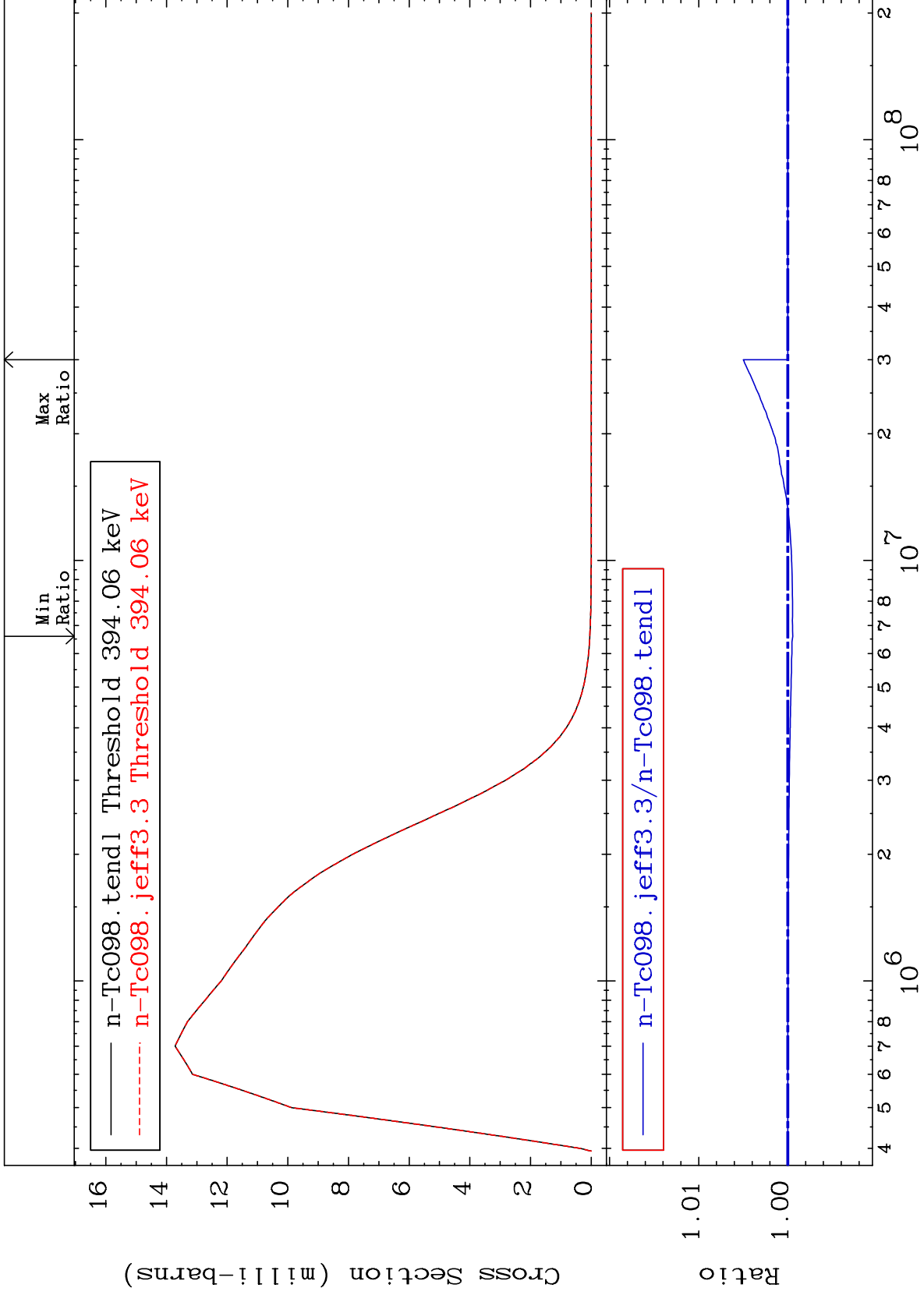
Incident Energy (eV)

43-Tc-98

MAT 4322

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

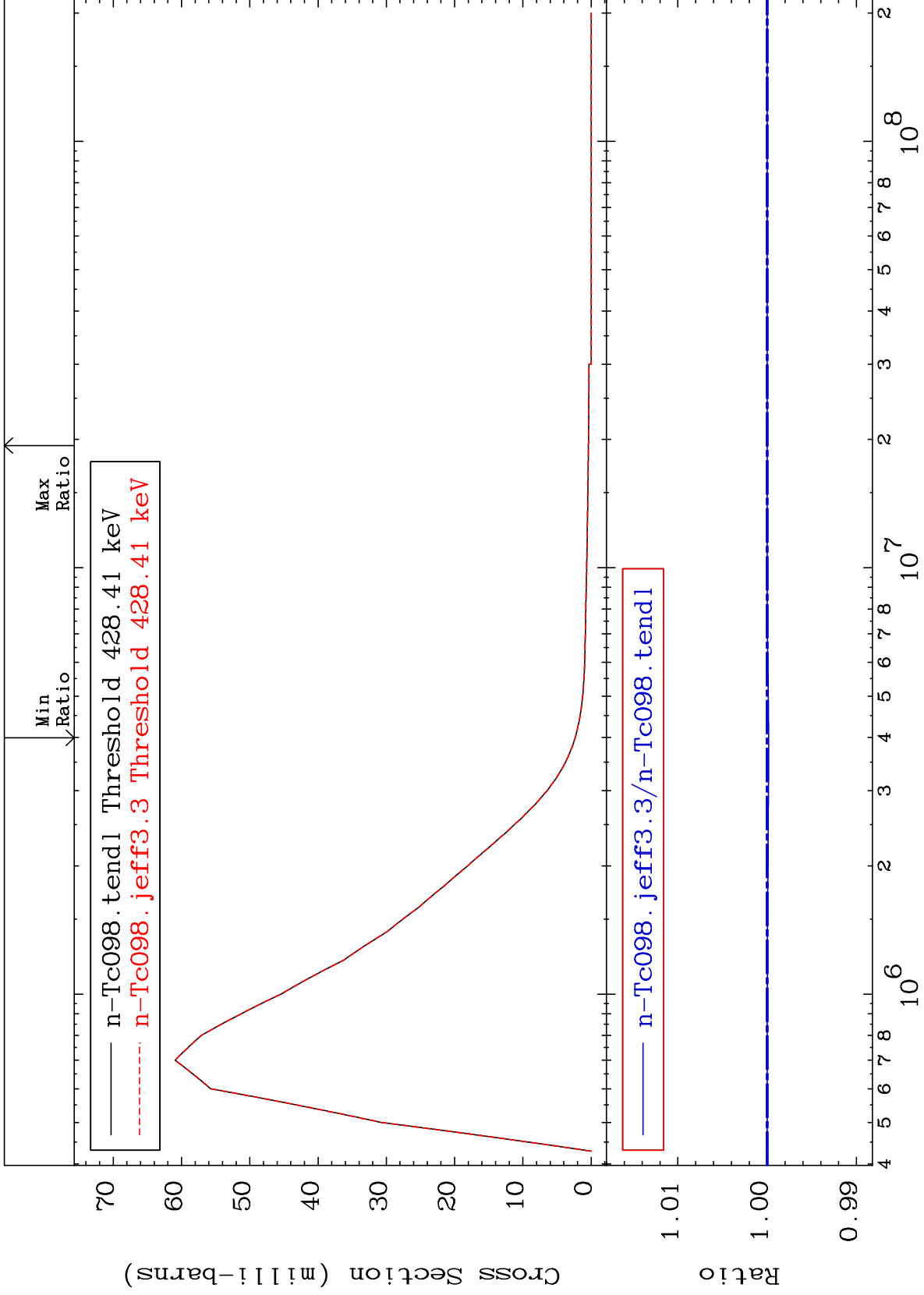
43-Tc-98  
-0.055 To 0.500 %



MAT 4322

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

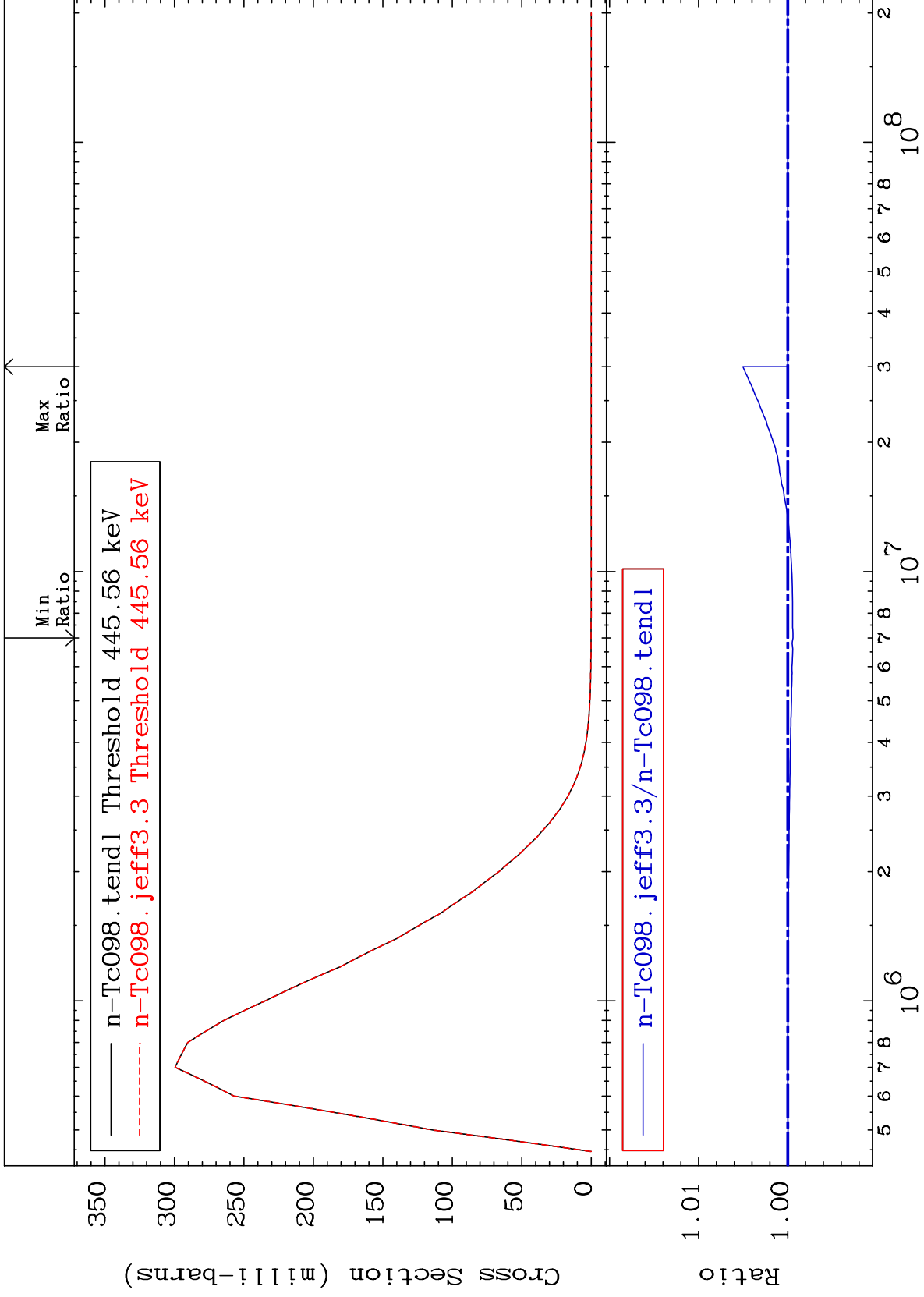
43-Tc-98  
-0.018 To 0.000 %



MAT 4322

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

43-Tc-98  
-0.060 To 0.504 %



40

Incident Energy (eV)

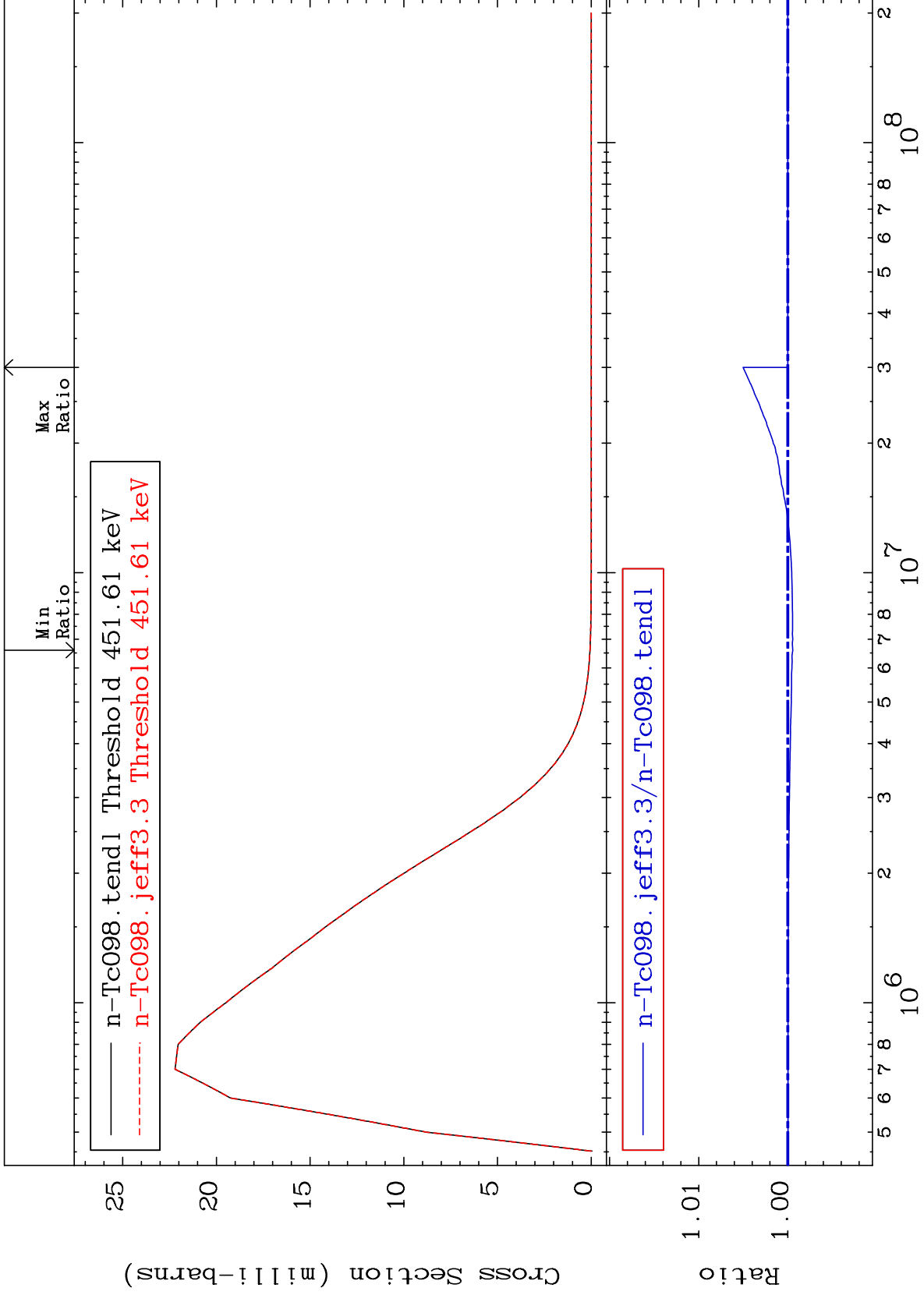
43-Tc-98



MAT 4322

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

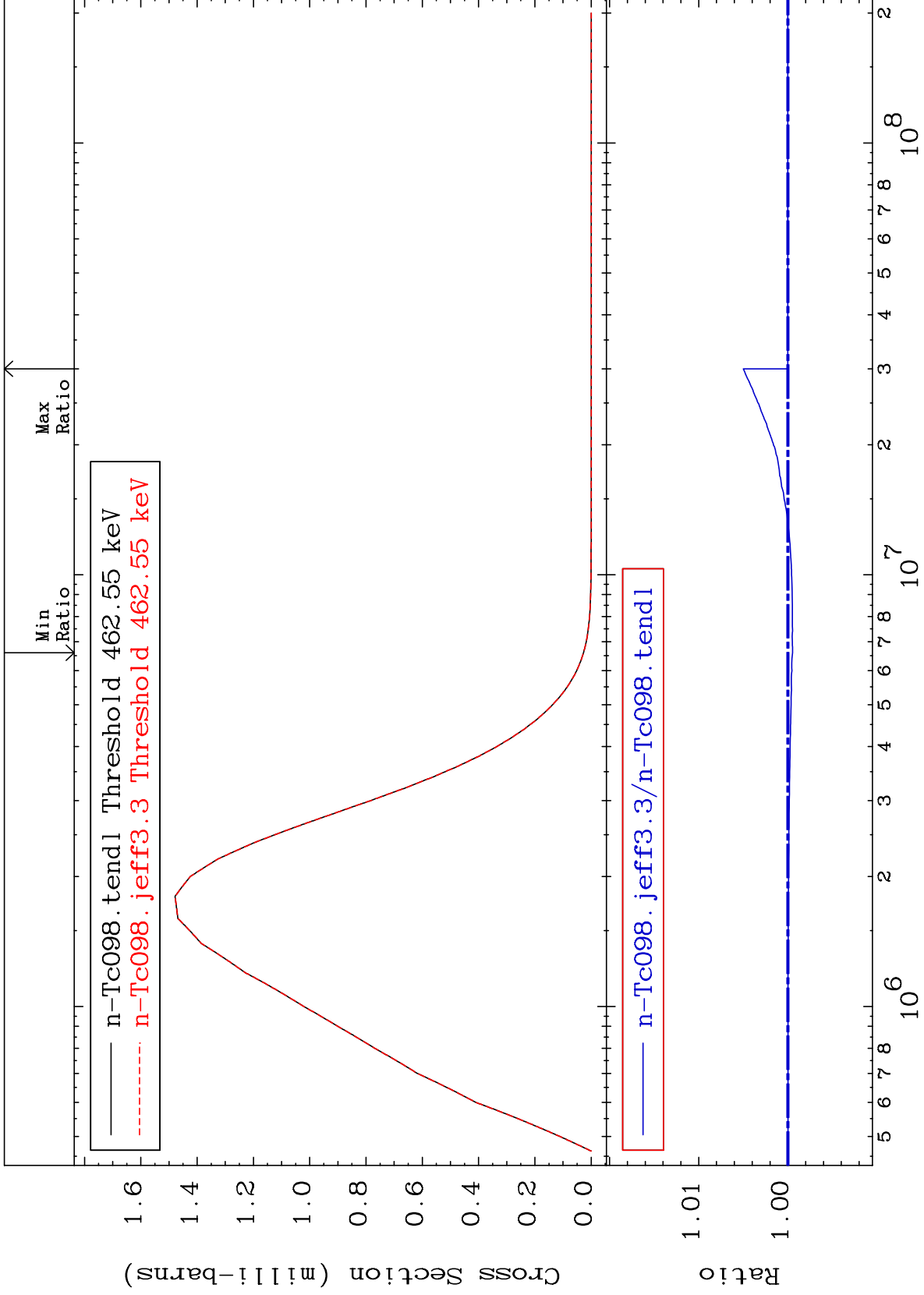
43-Tc-98  
-0.056 To 0.501 %



MAT 4322

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

43-Tc-98  
-0.054 To 0.500 %



42

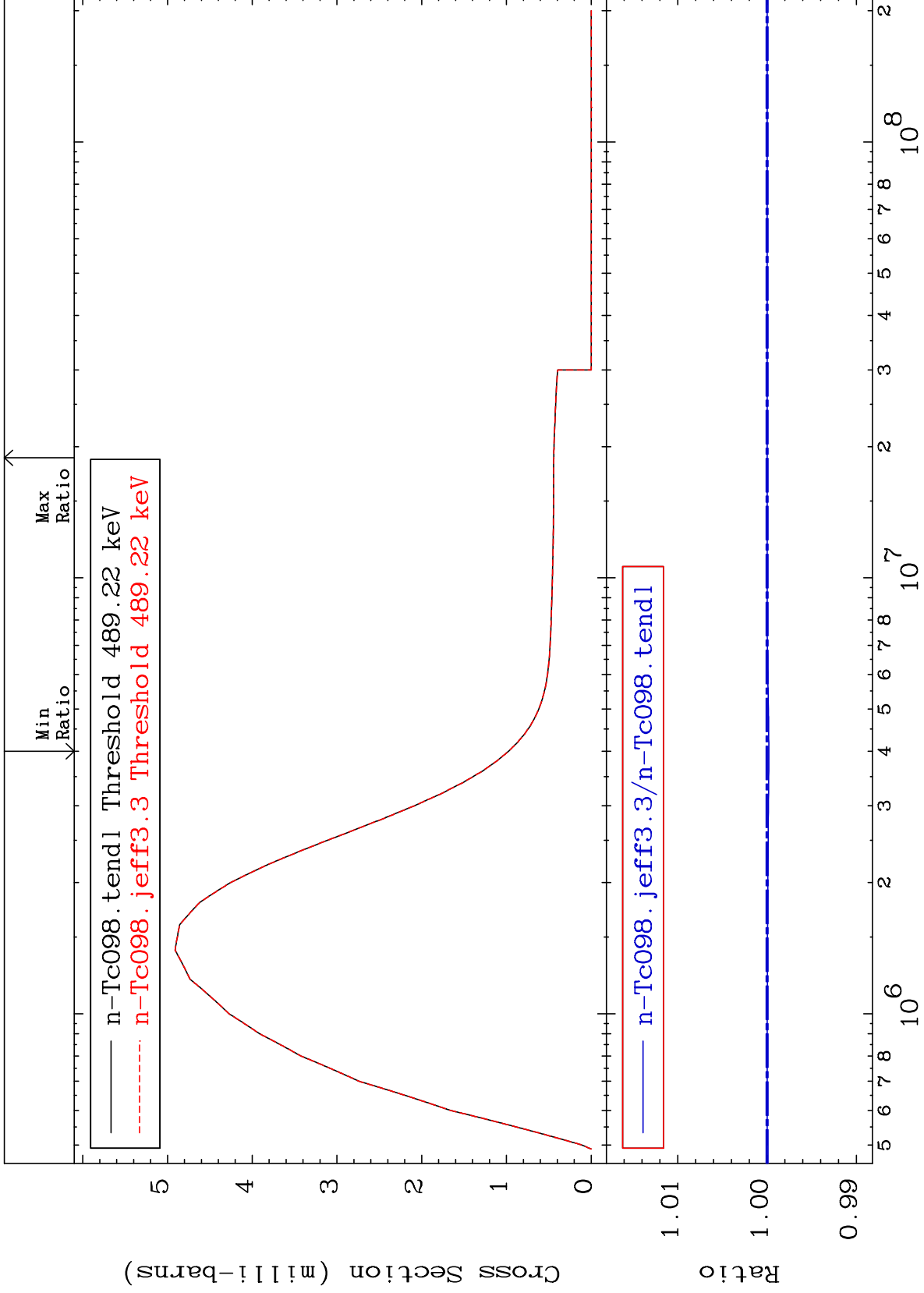
Incident Energy (eV)

43-Tc-98

MAT 4322

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

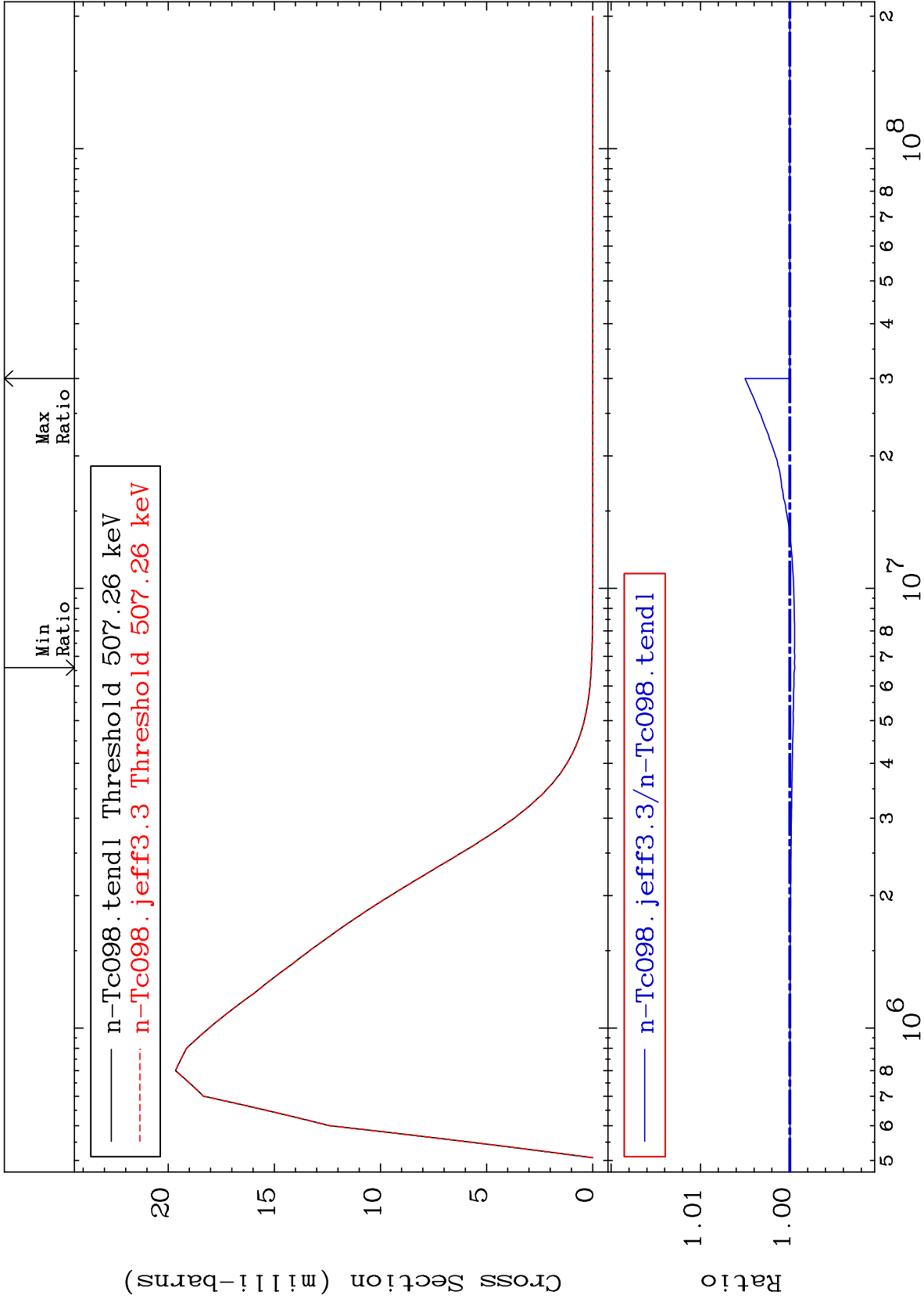
43-Tc-98  
-0.019 To 0.000 %



43

Incident Energy (eV)

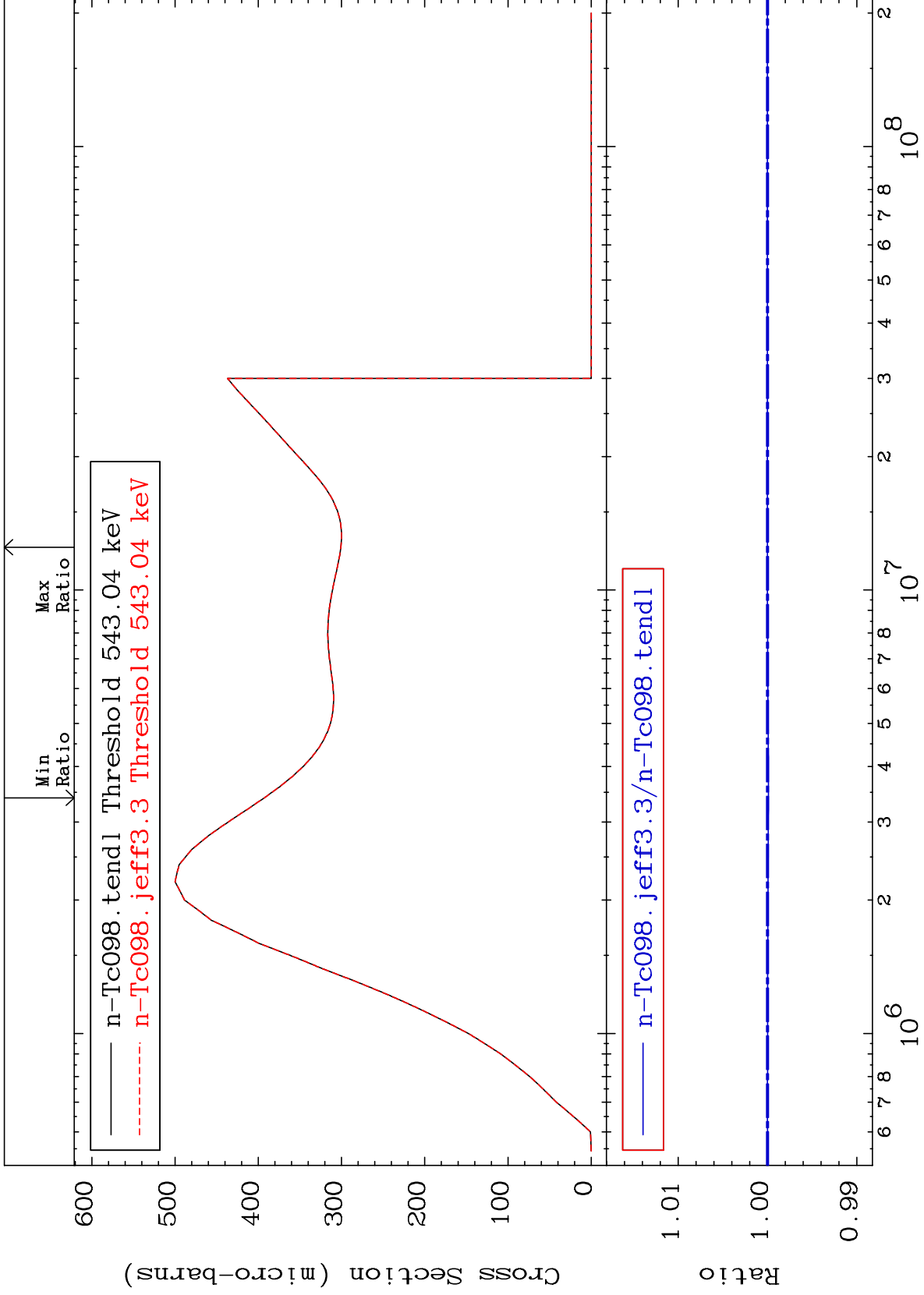
43-Tc-98



MAT 4322

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

43-Tc-98  
-0.010 To 0.000 %



45

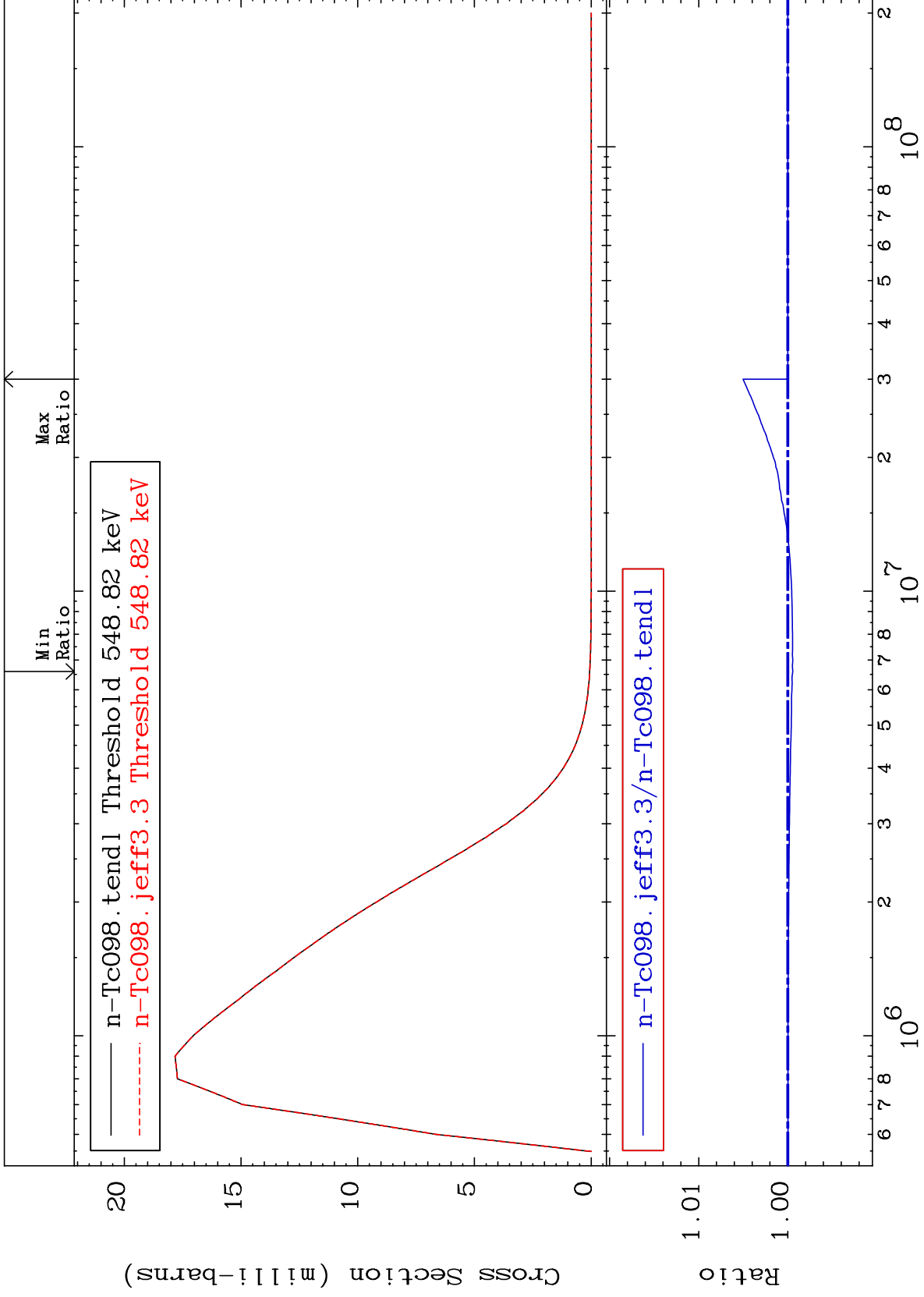
Incident Energy (eV)

43-Tc-98

MAT 4322

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

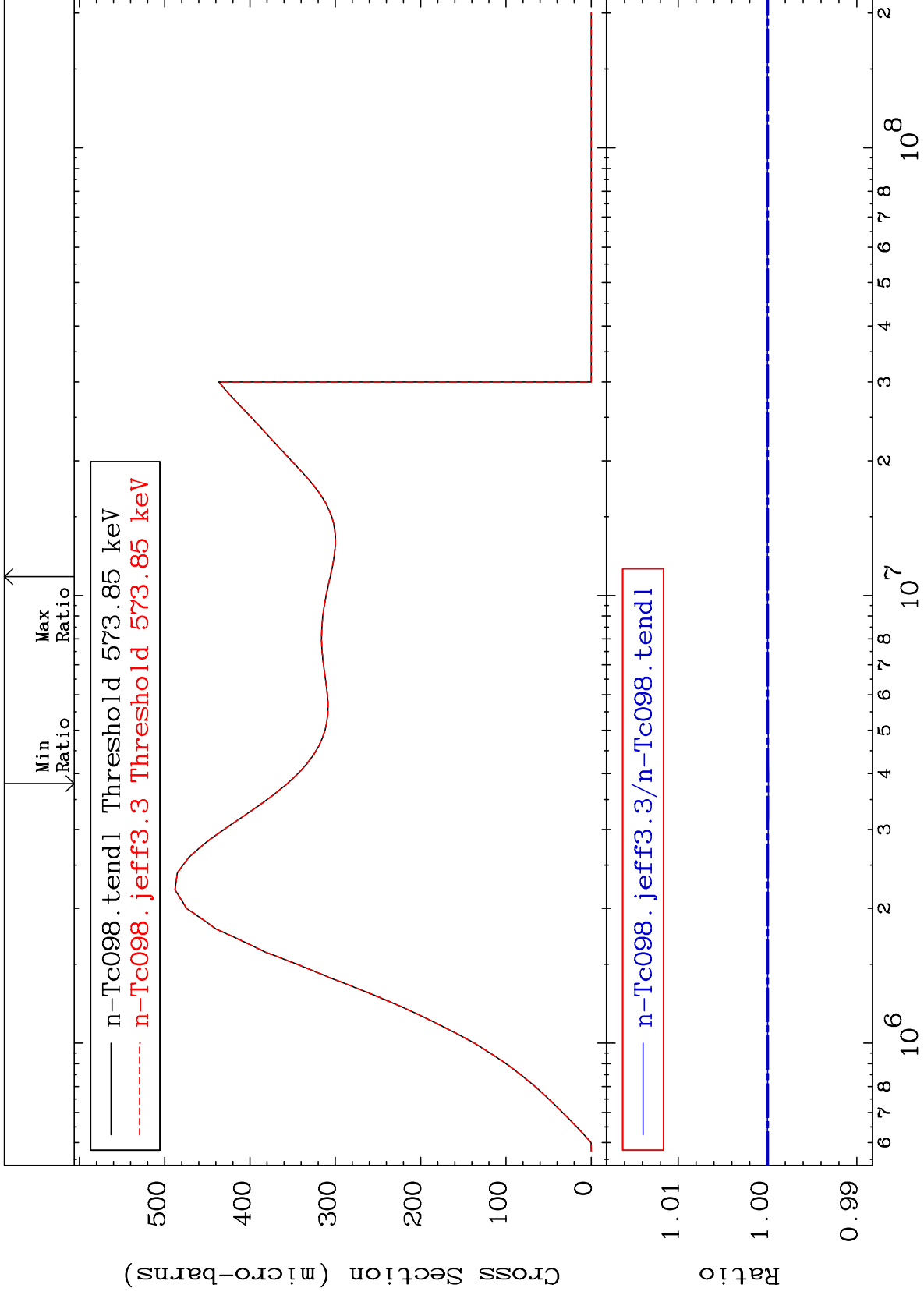
43-Tc-98  
-0.056 To 0.501 %



MAT 4322

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

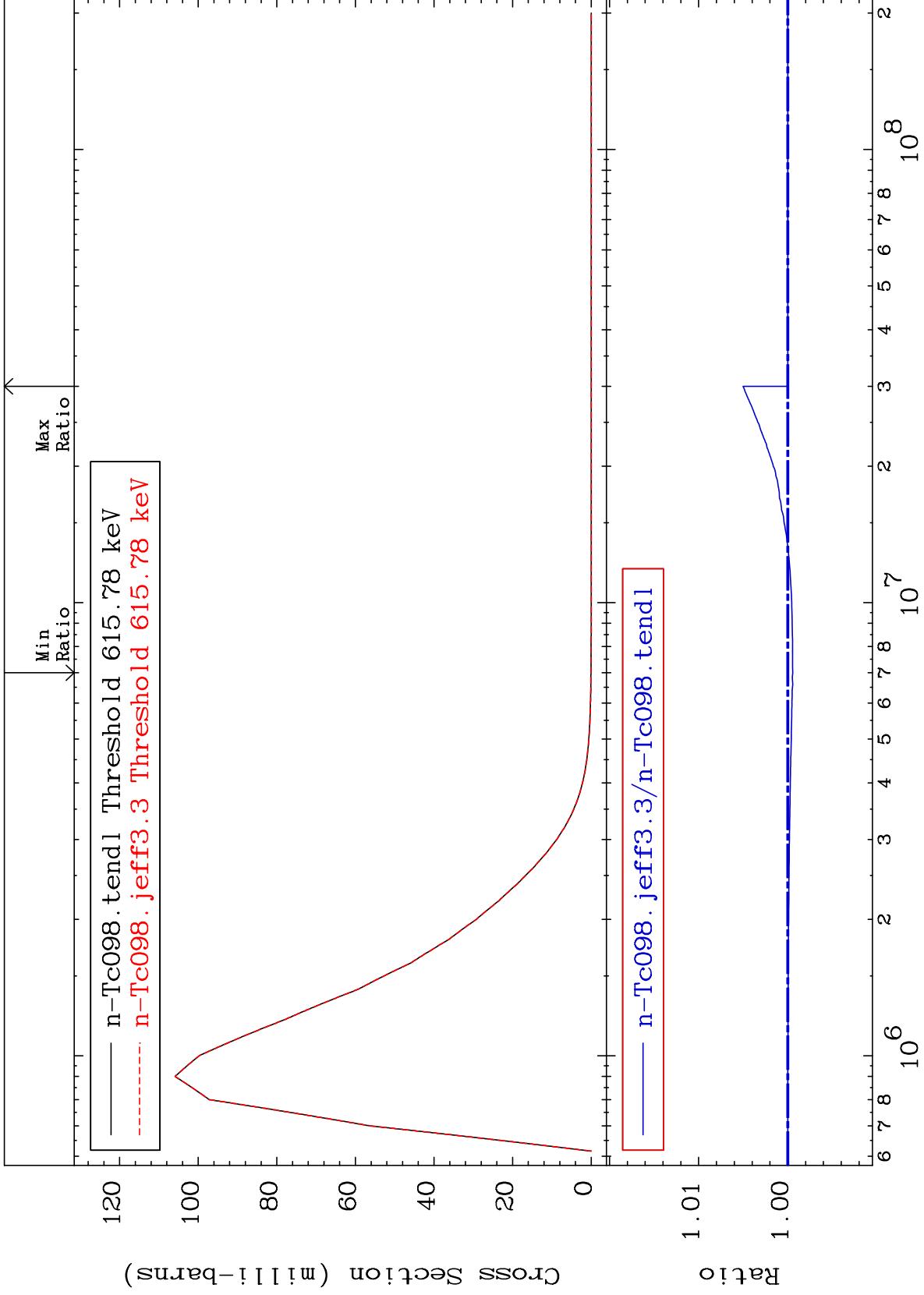
43-Tc-98  
-0.010 To 0.000 %



MAT 4322

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

43-Tc-98  
-0.057 To 0.502 %

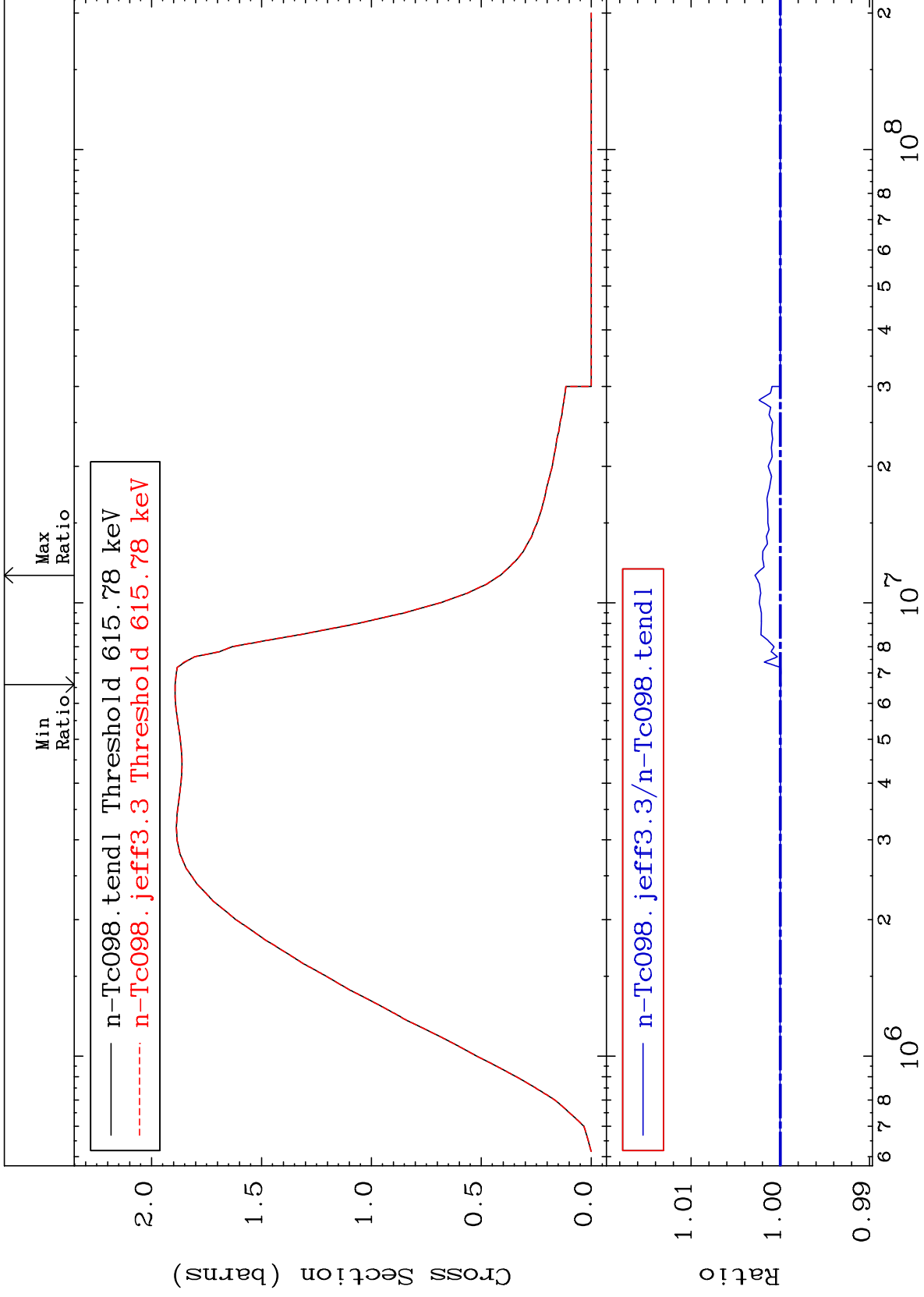


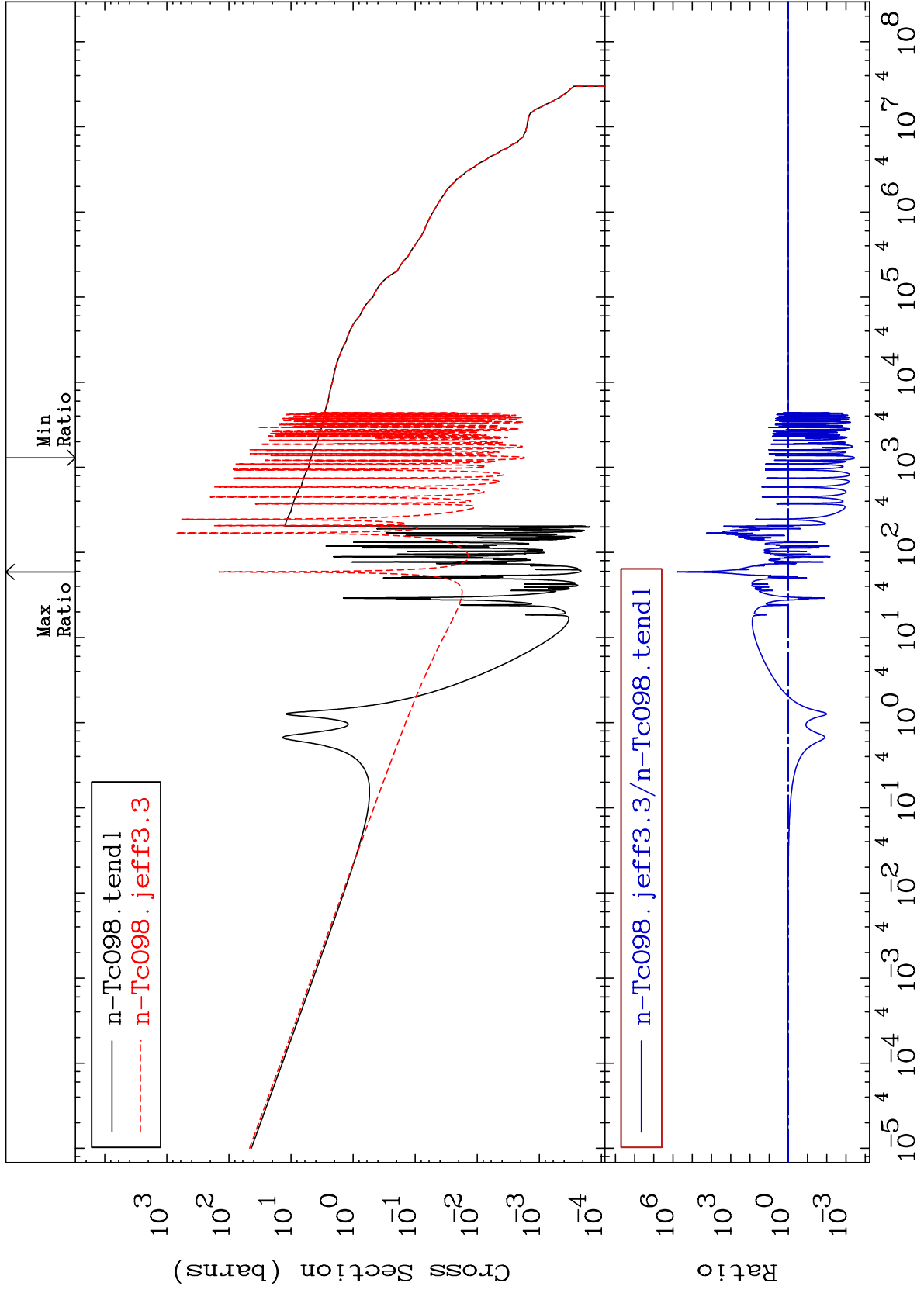


MAT 4322

(n, n') Continuum  
Cross Section

43-Tc-98  
-0.006 To 0.284 %





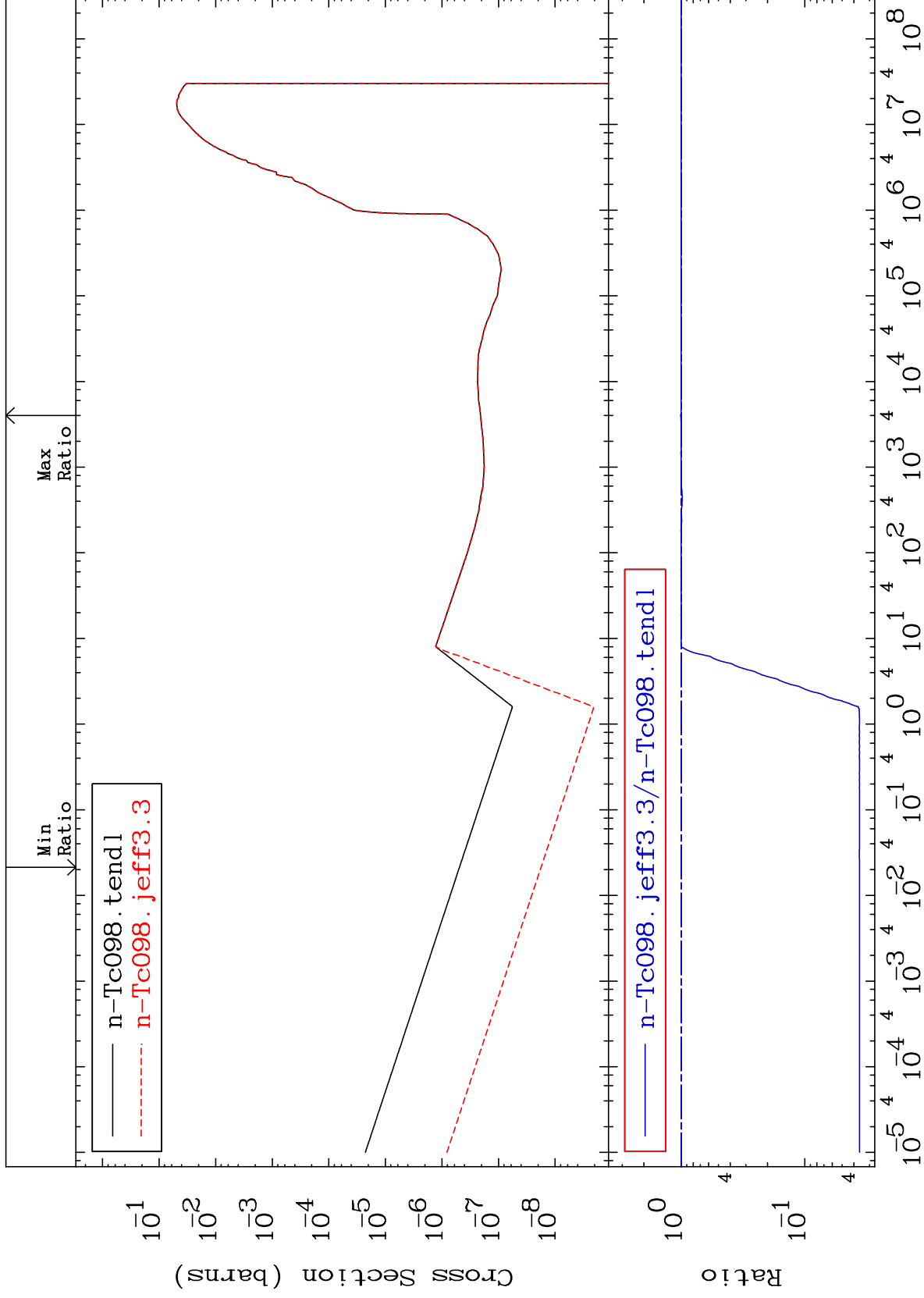
MAT 4322

(n,p)

43-Tc-98

Cross Section

-96.39 To 0.728 %



51

Incident Energy (eV)

43-Tc-98

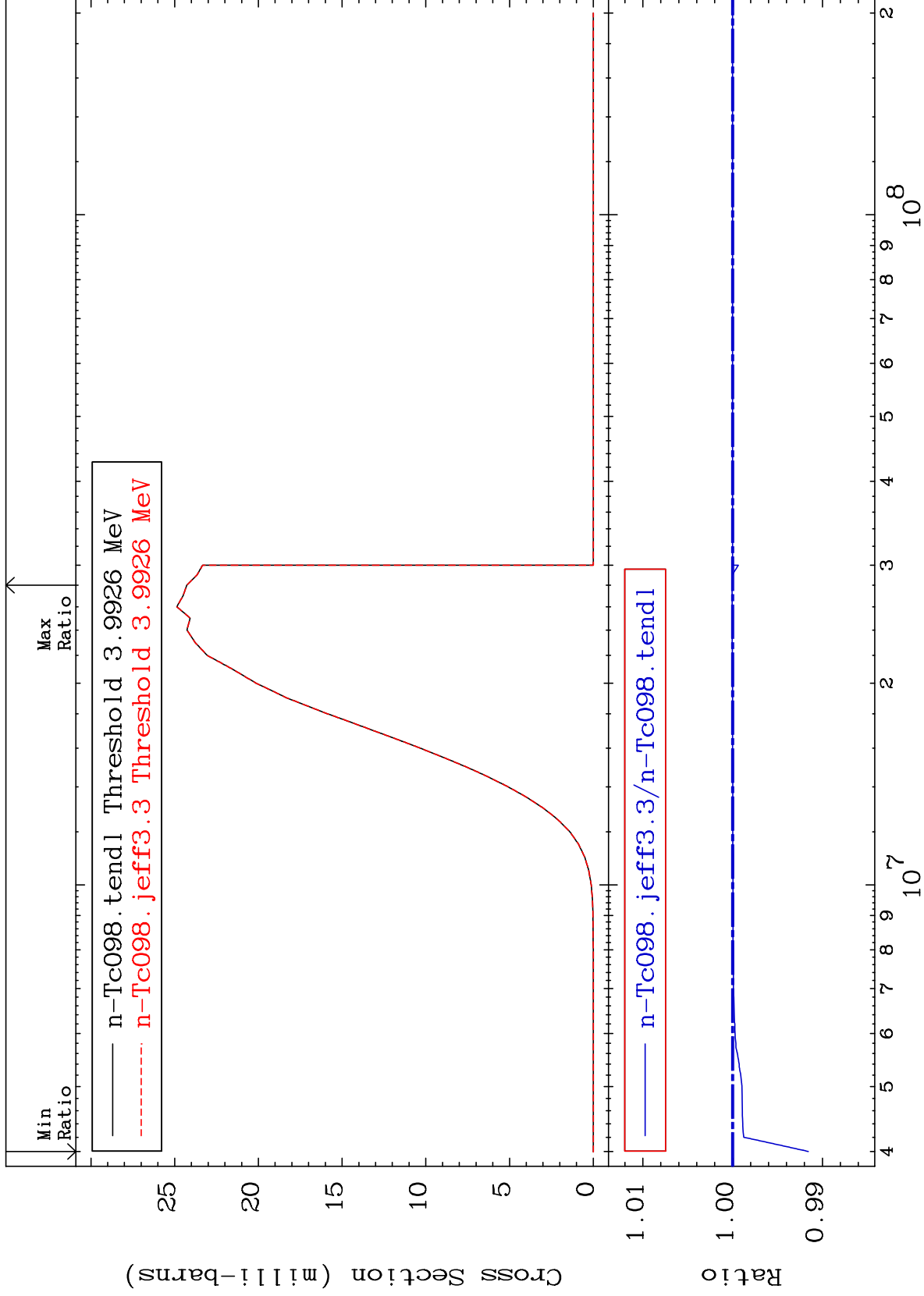
MAT 4322

(n, d)

43-Tc-98

Cross Section

-0.843 To 0.007 %

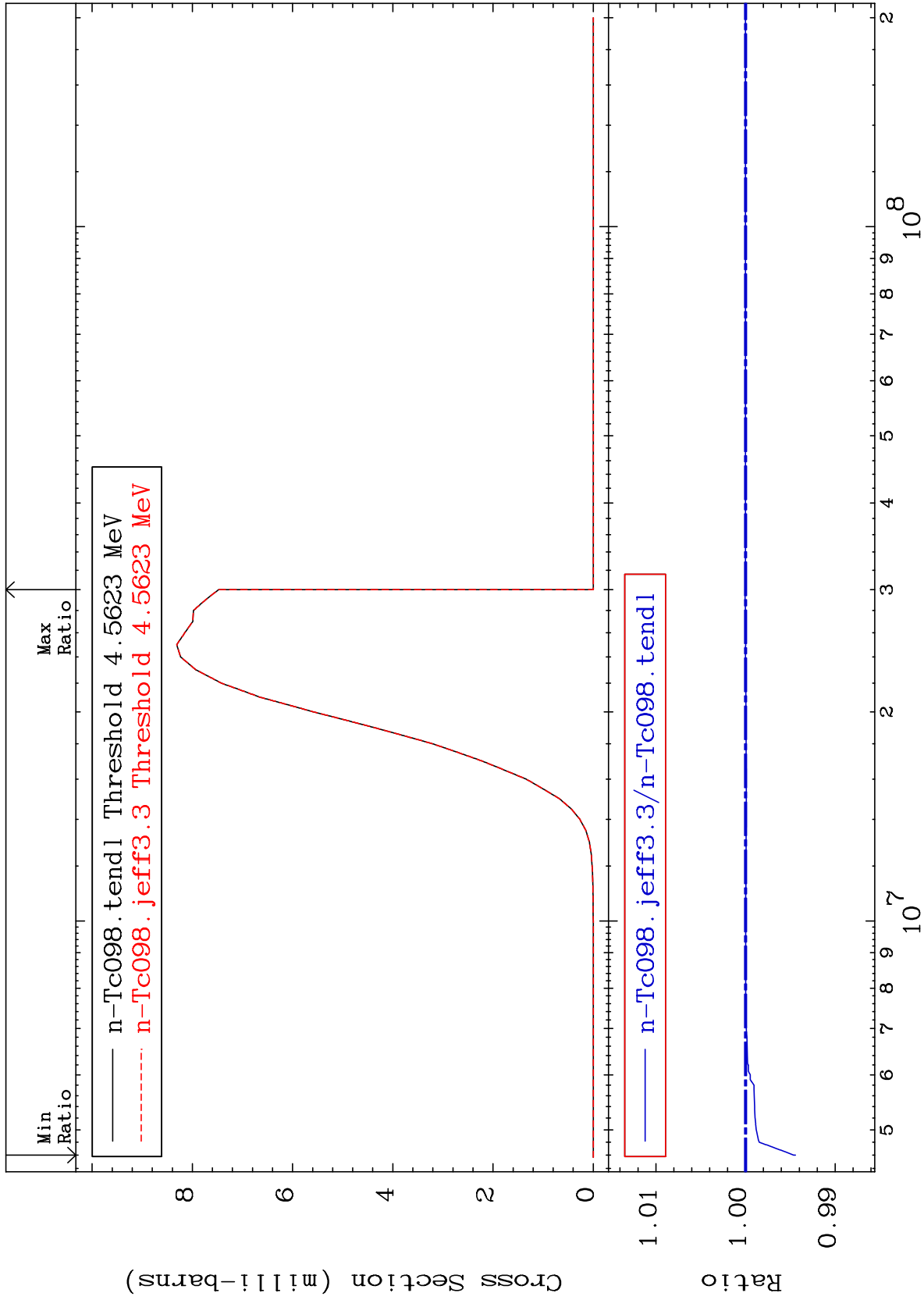


52

Incident Energy (eV)

43-Tc-98

(n, t)  
Cross Section  
-0.556 To 0.006 %



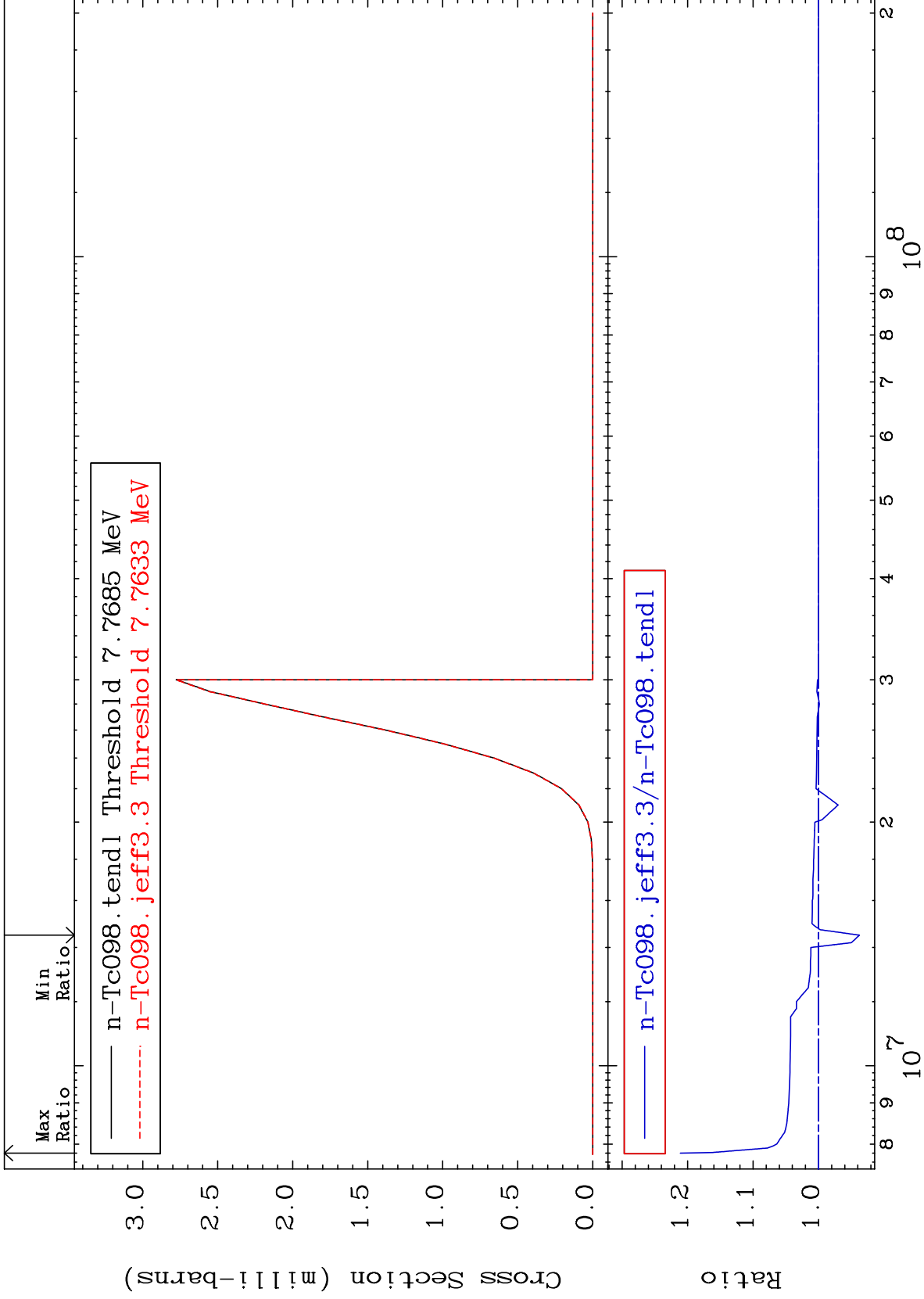
MAT 4322

(n, He-3)

43-Tc-98

Cross Section

-6.243 To 21.11 %



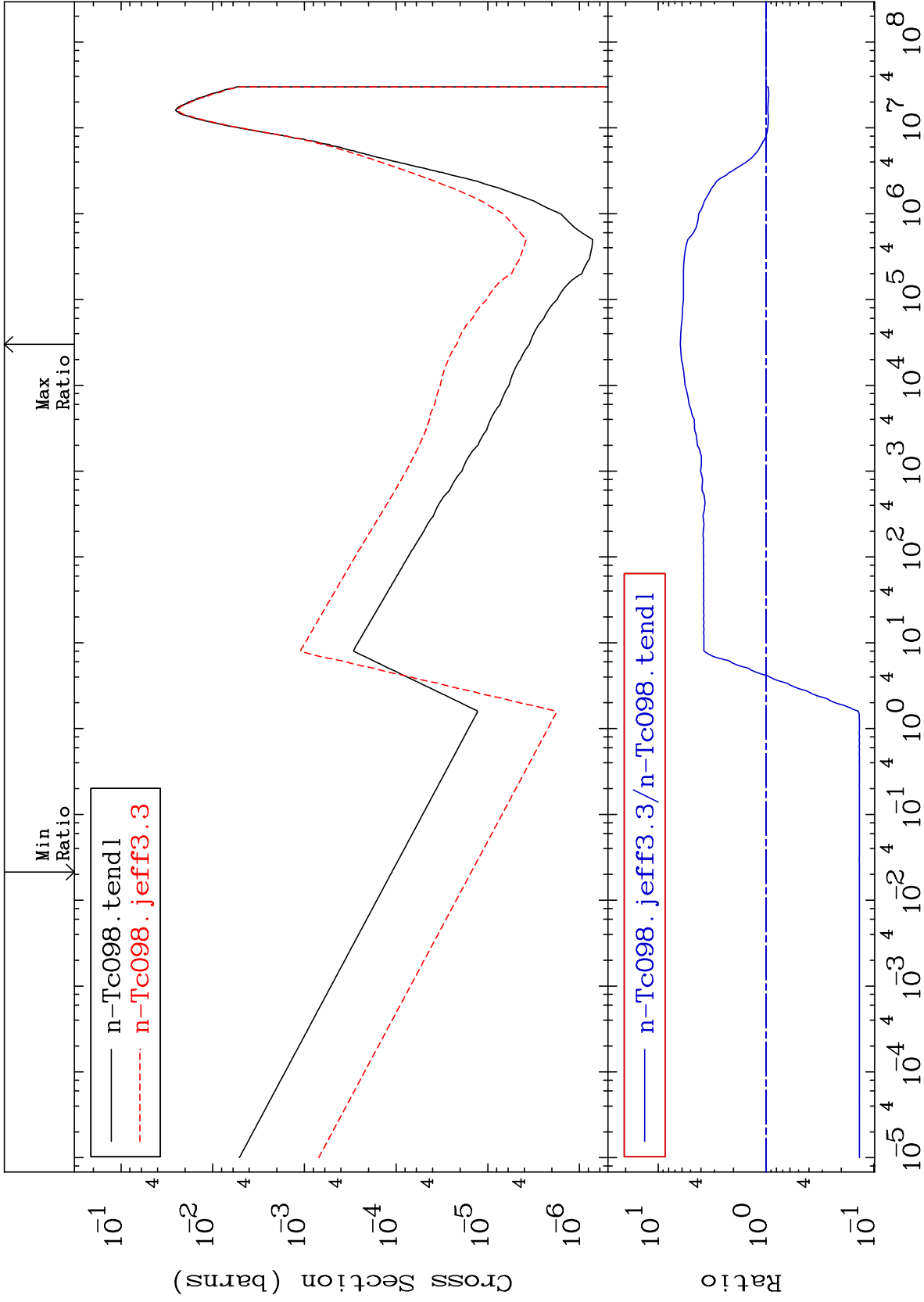
MAT 4322

(n,  $\alpha$ )

43-Tc-98

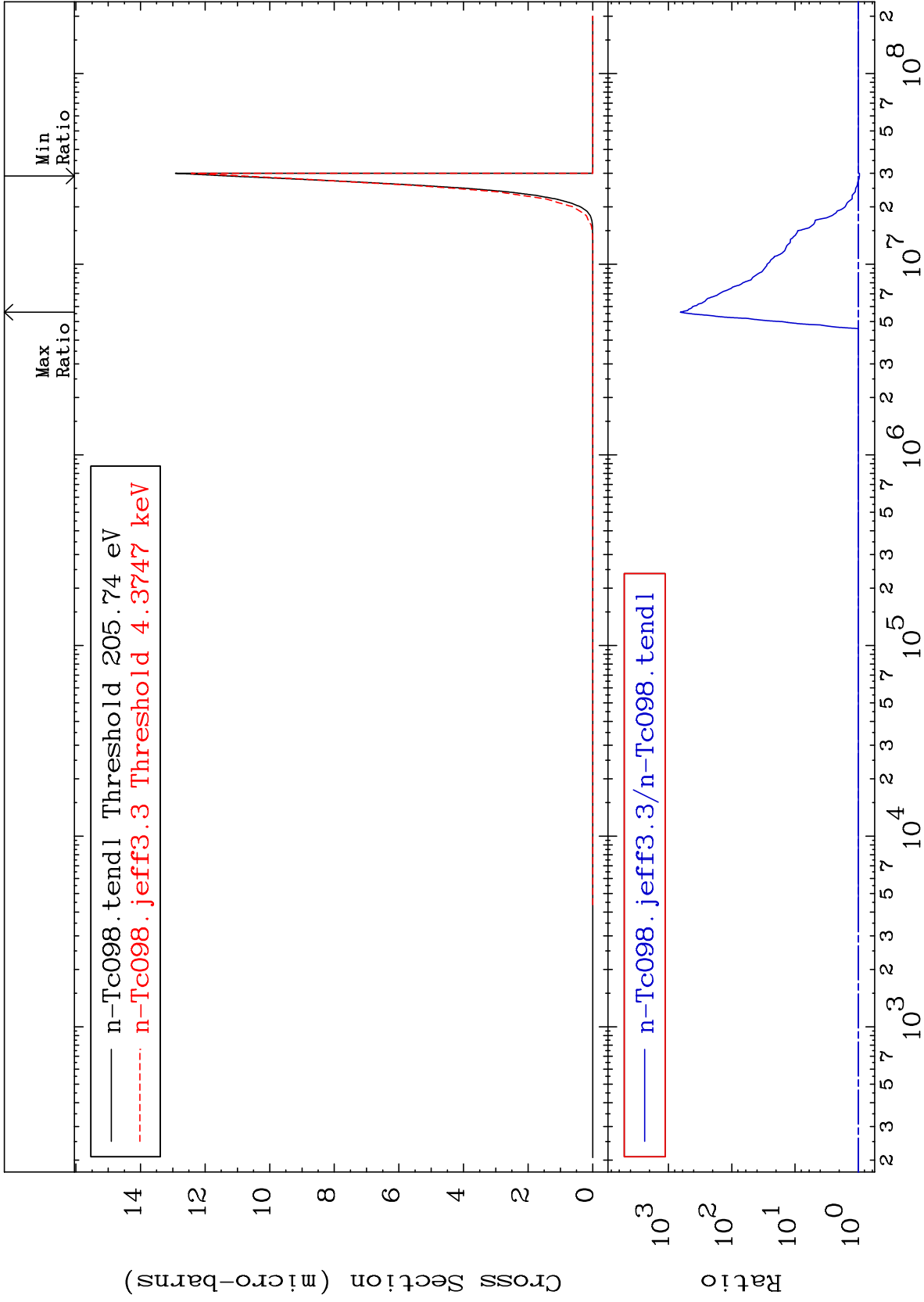
Cross Section

-86.40 To 522.2 %



55

43-Tc-98





MAT 4322

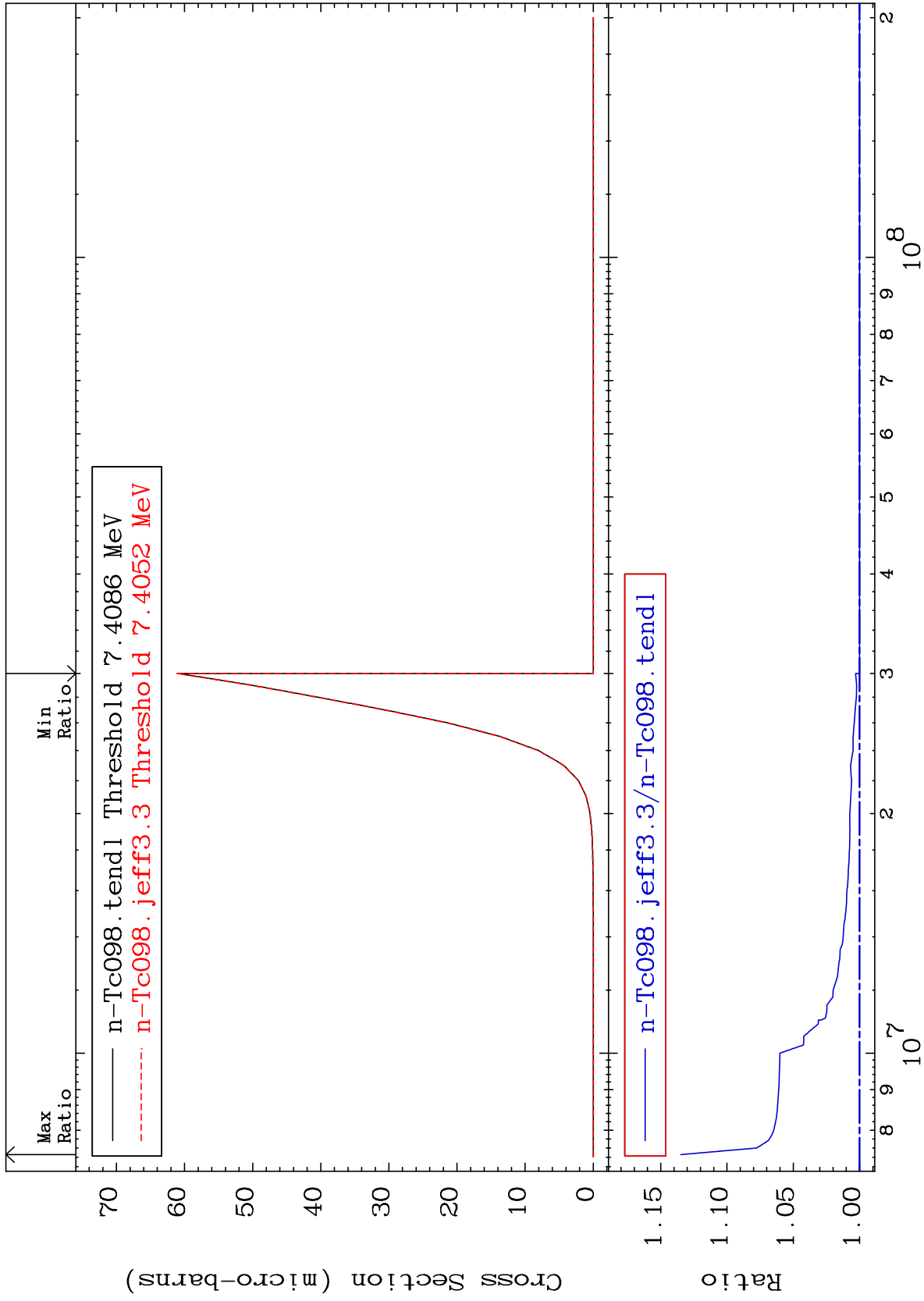
(n,2p)

43-Tc-98

Cross Section

0.000

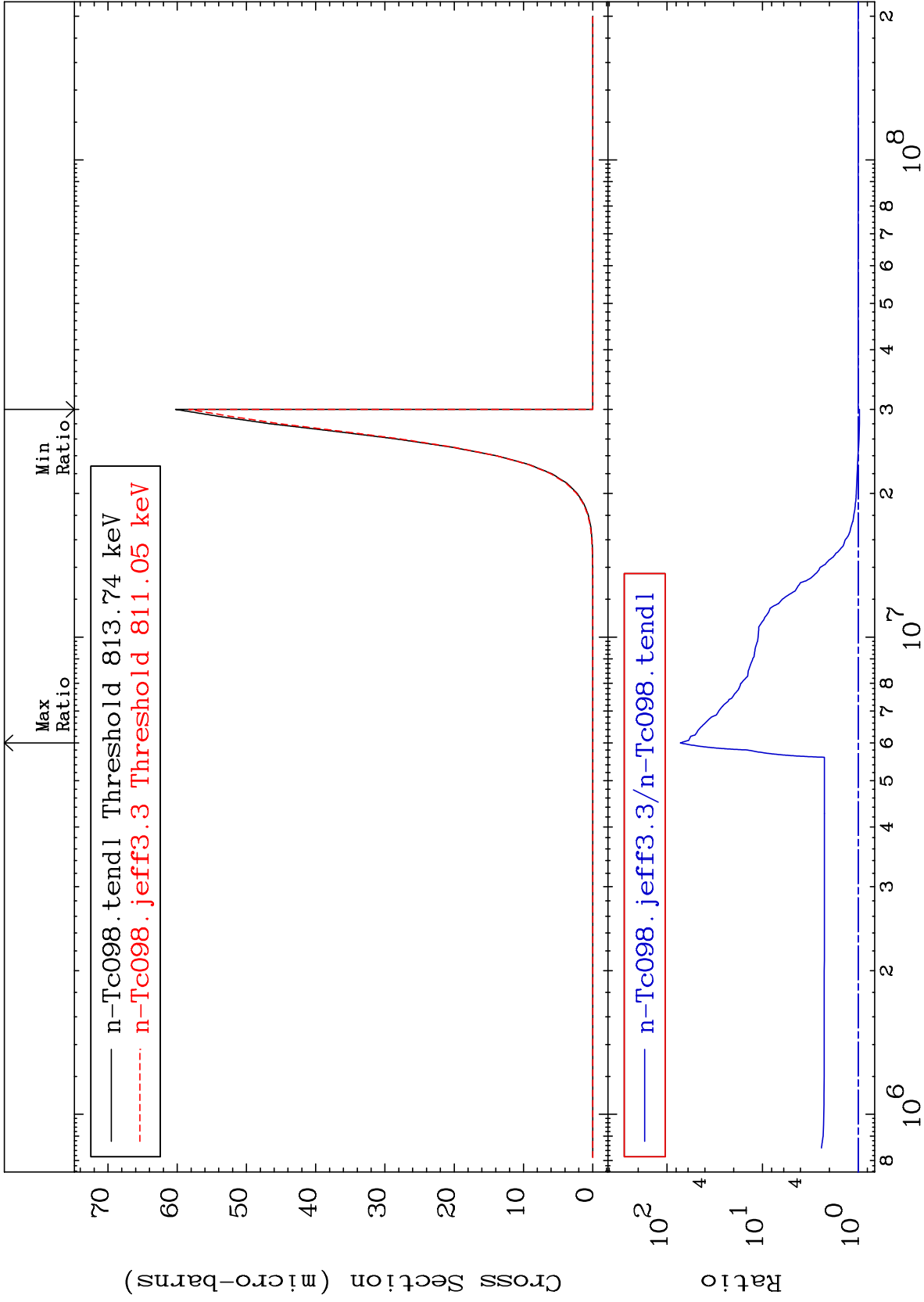
To 13.49 %



57

Incident Energy (eV)

43-Tc-98



MAT 4322

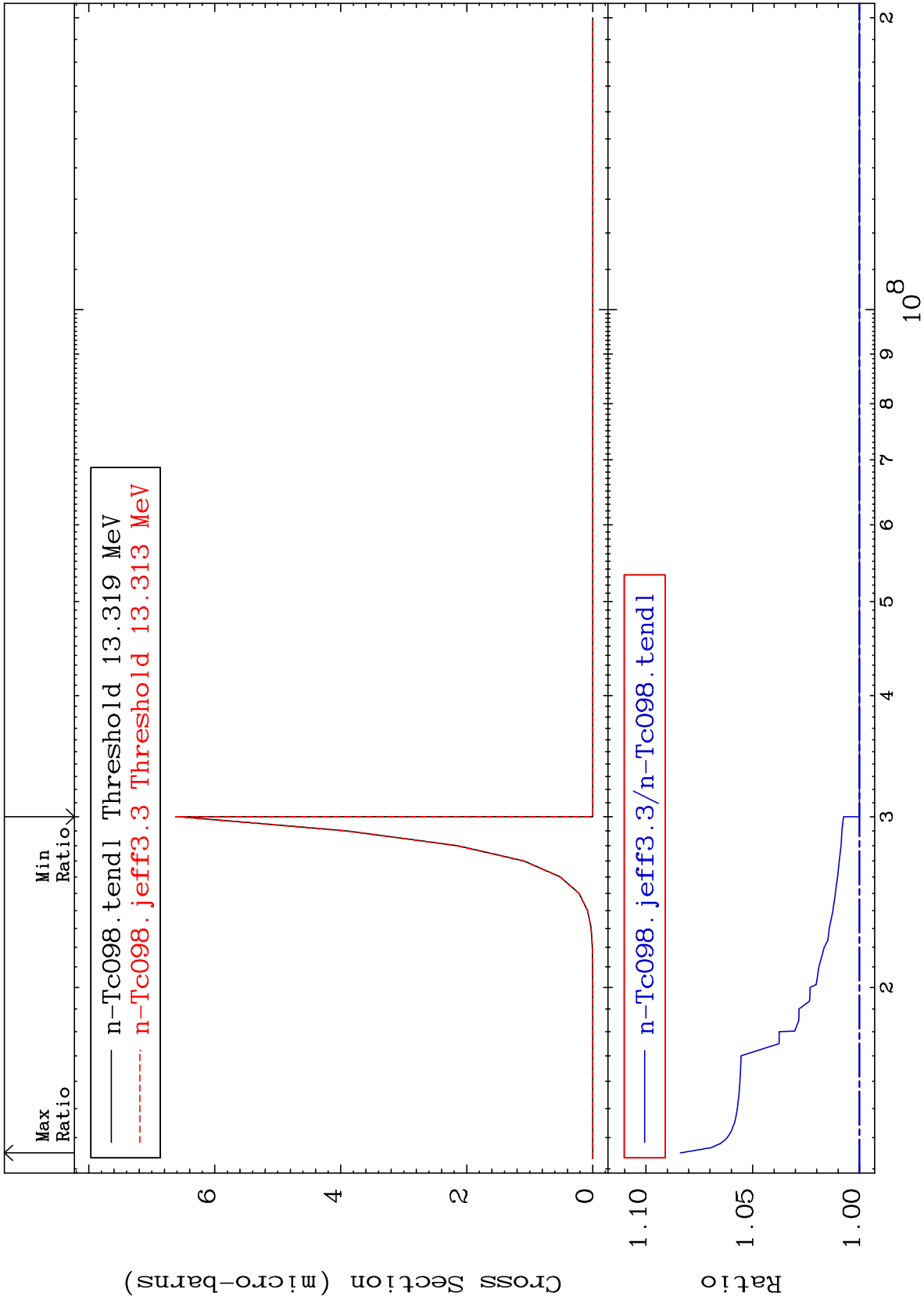
(n, p) d

<sup>43</sup>Tc-98

Cross Section

0.000

To 8.390 %



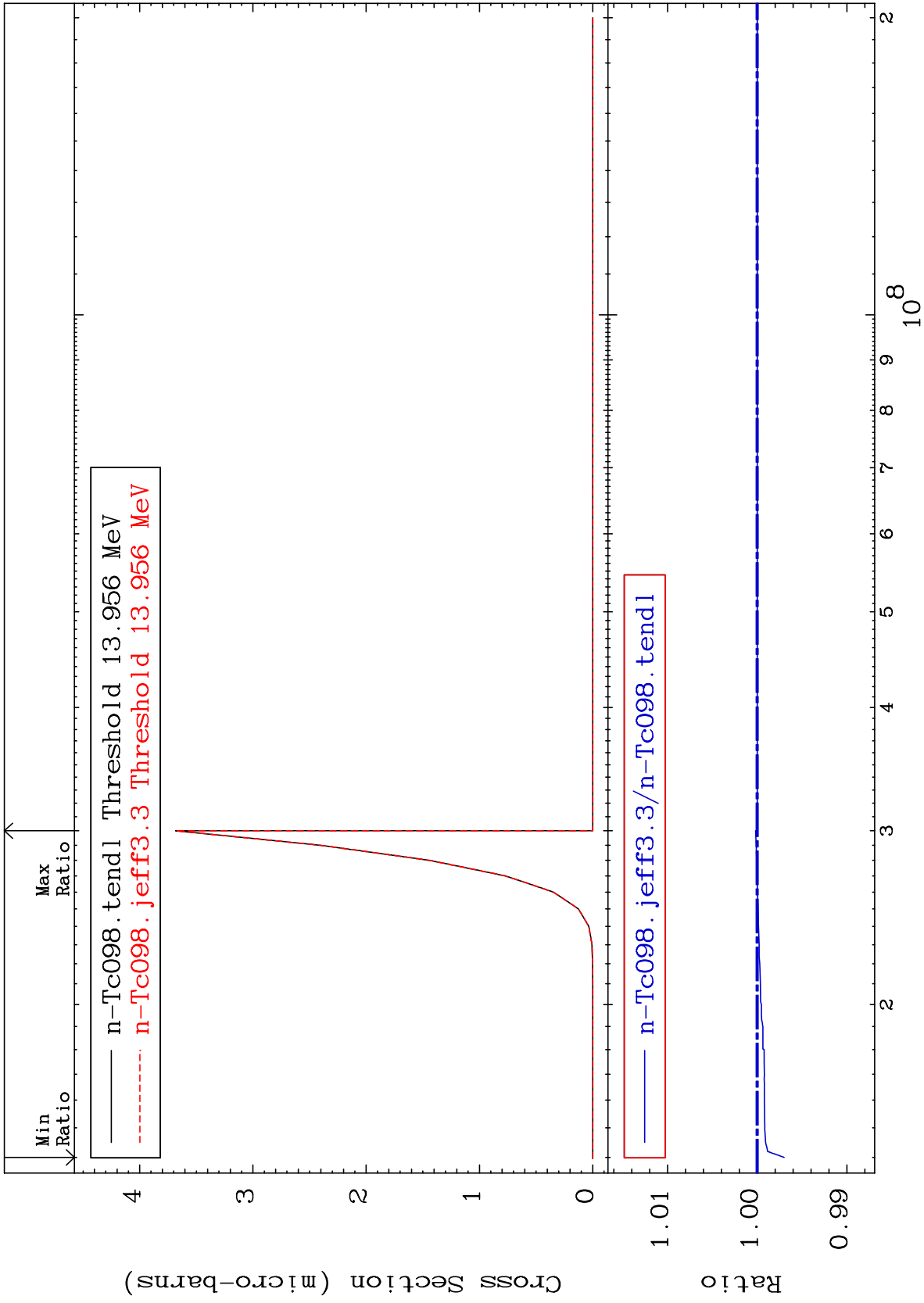
MAT 4322

(n,p) t

43-Tc-98

Cross Section

-0.301 To 0.017 %



60

43-Tc-98

43-Tc-98

MAT 4322

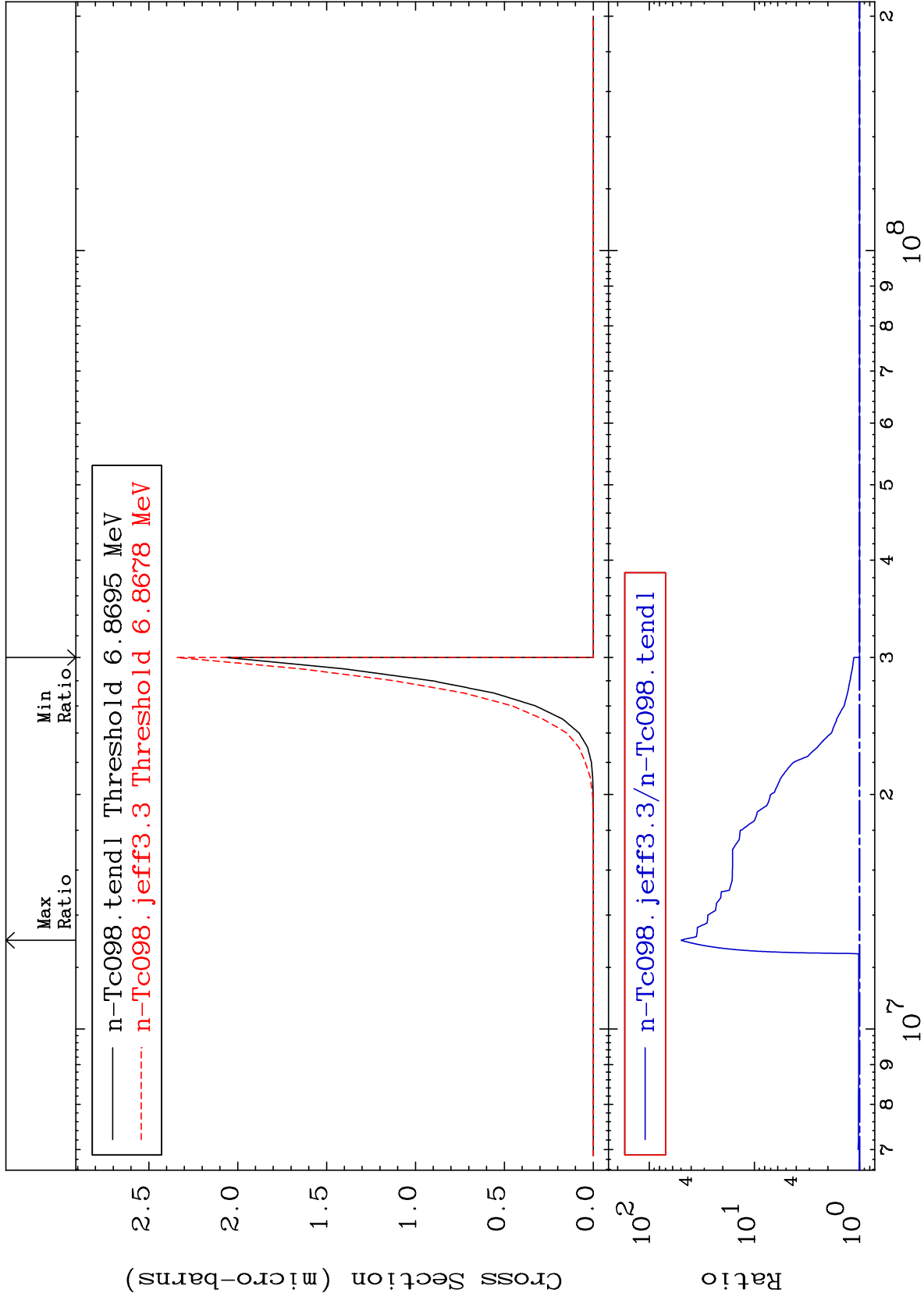
(n, d)  $\alpha$

43-Tc-98

Cross Section

0.000

To 4920. %



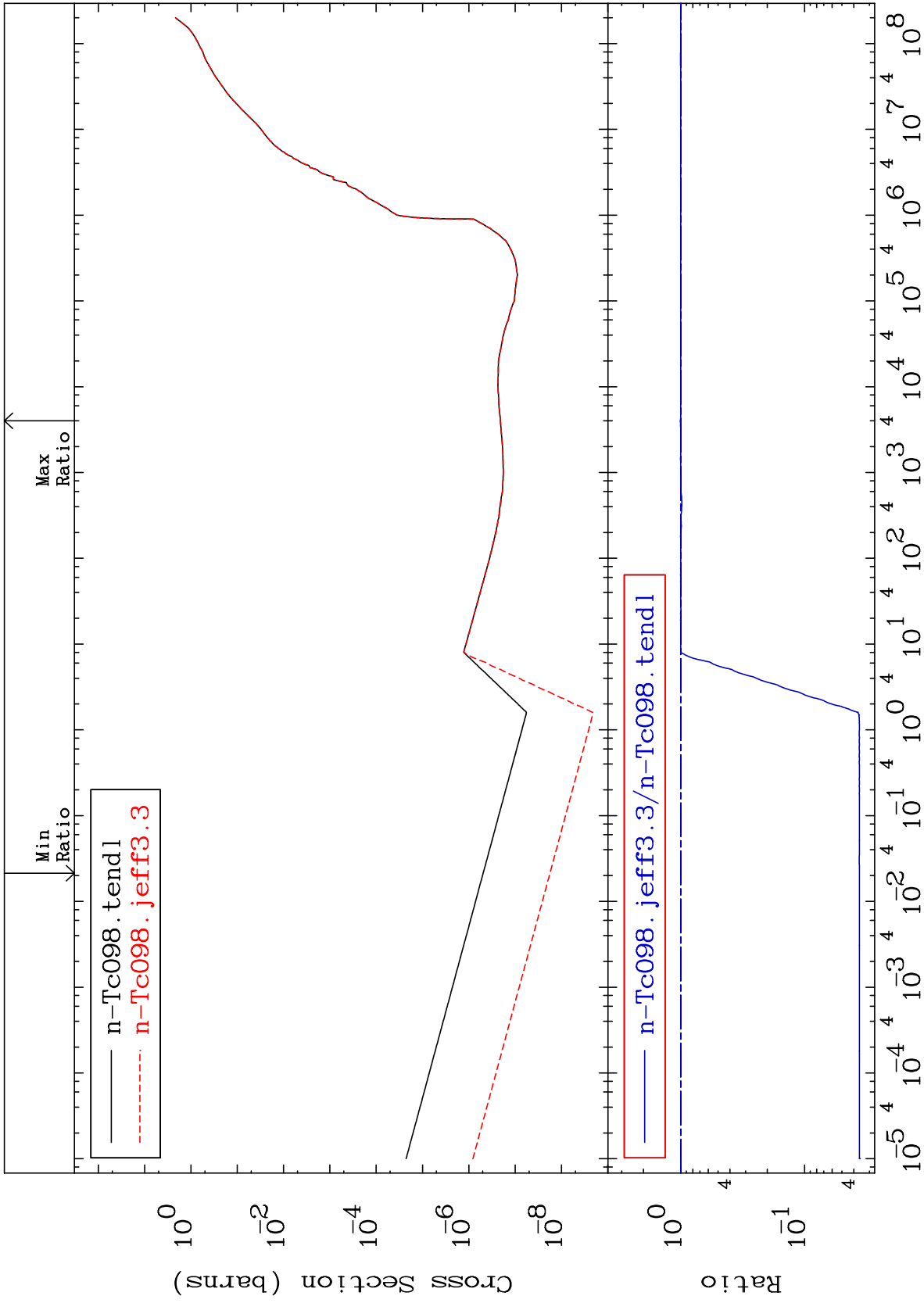
61

43-Tc-98

MAT 4322

Hydrogen Production  
Cross Section

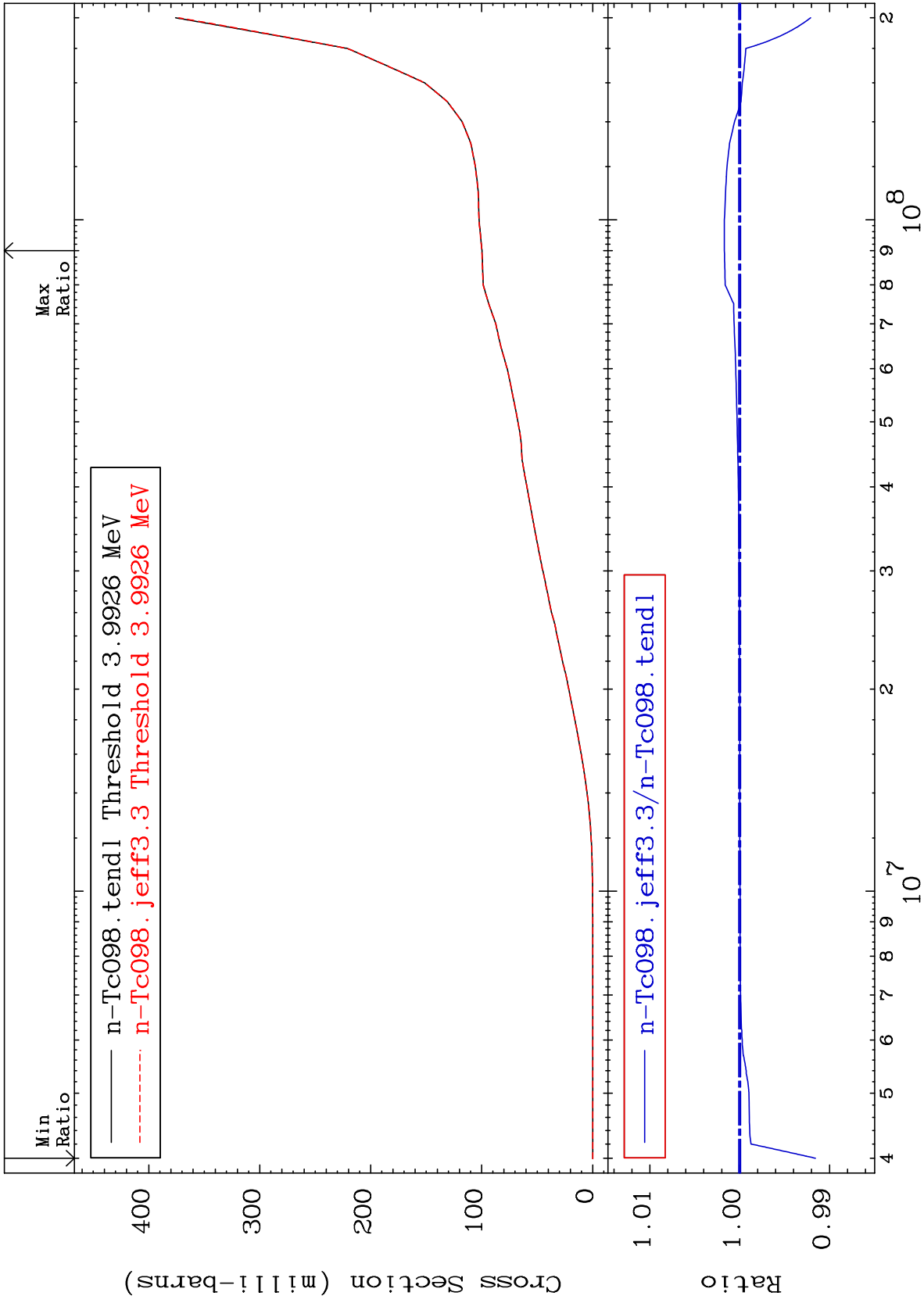
43-Tc-98  
-96.39 To 0.728 %



MAT 4322

Deuterium Production  
Cross Section

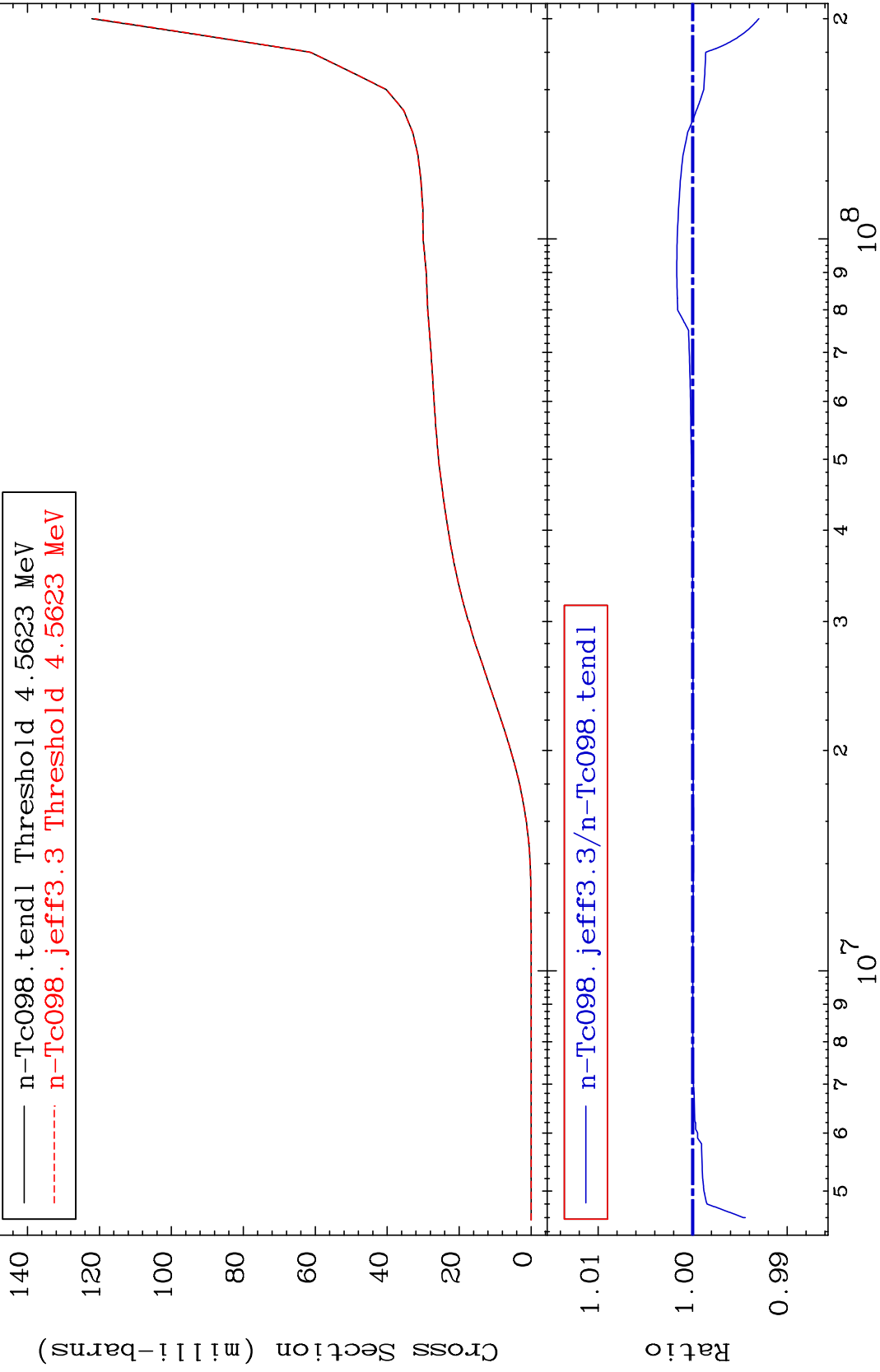
43-Tc-98  
-0.843 To 0.171 %



MAT 4322

Tritium Production  
Cross Section

43-Tc-98  
-0.700 To 0.169 %



64

Incident Energy (eV)

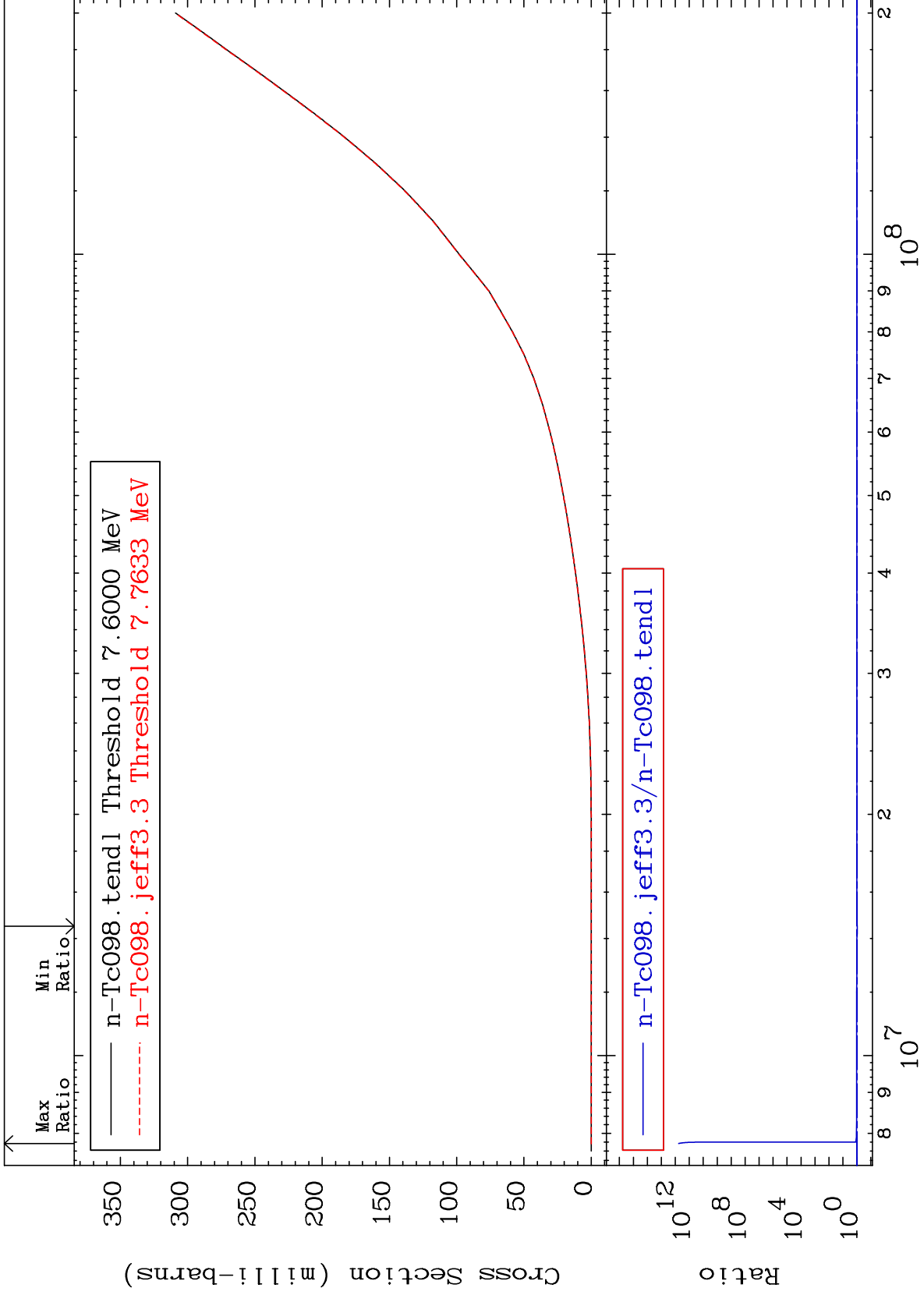
43-Tc-98



MAT 4322

He-3 Production  
Cross Section

43-Tc-98  
-6.243 To 9999. %



65

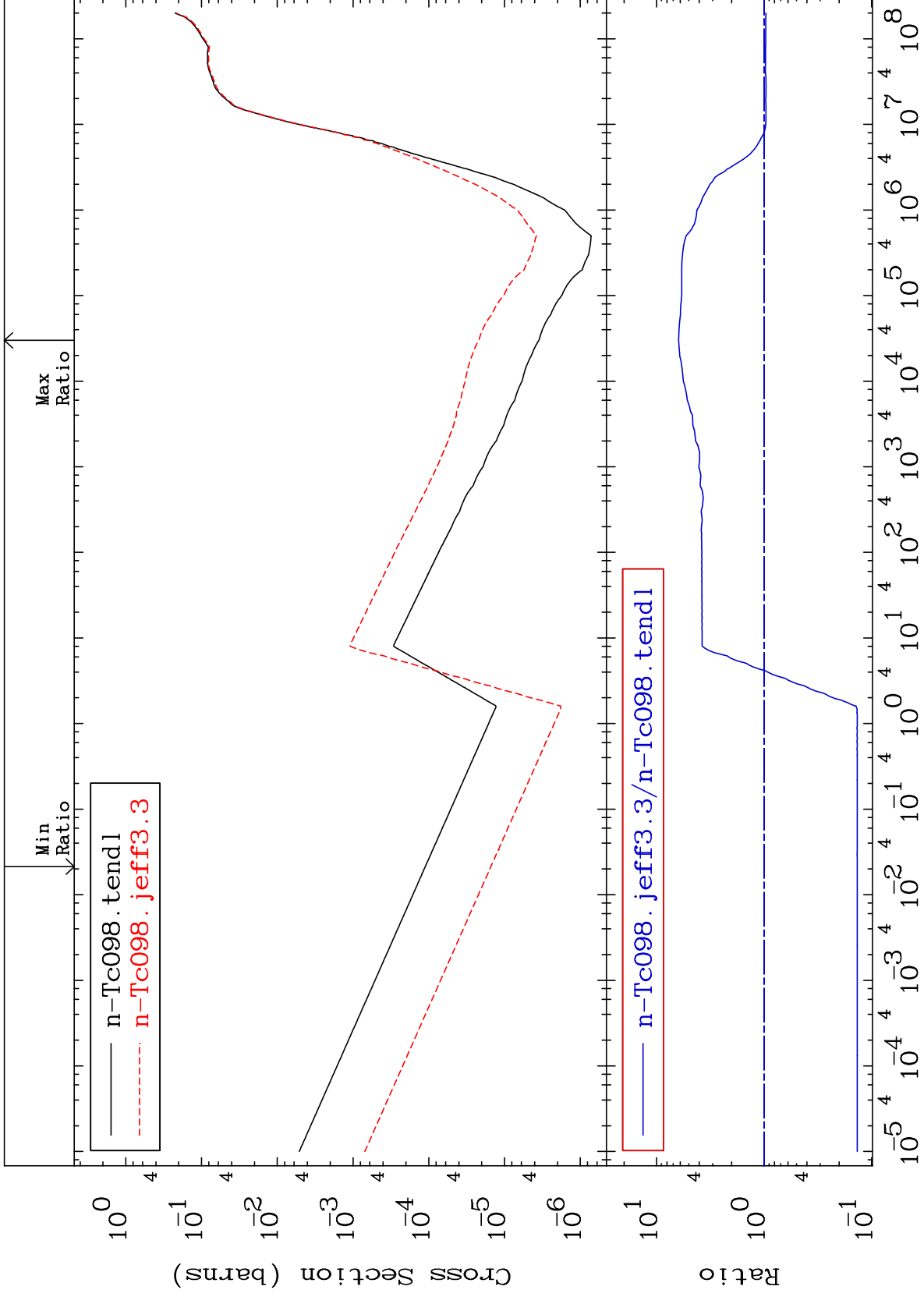
Incident Energy (eV)

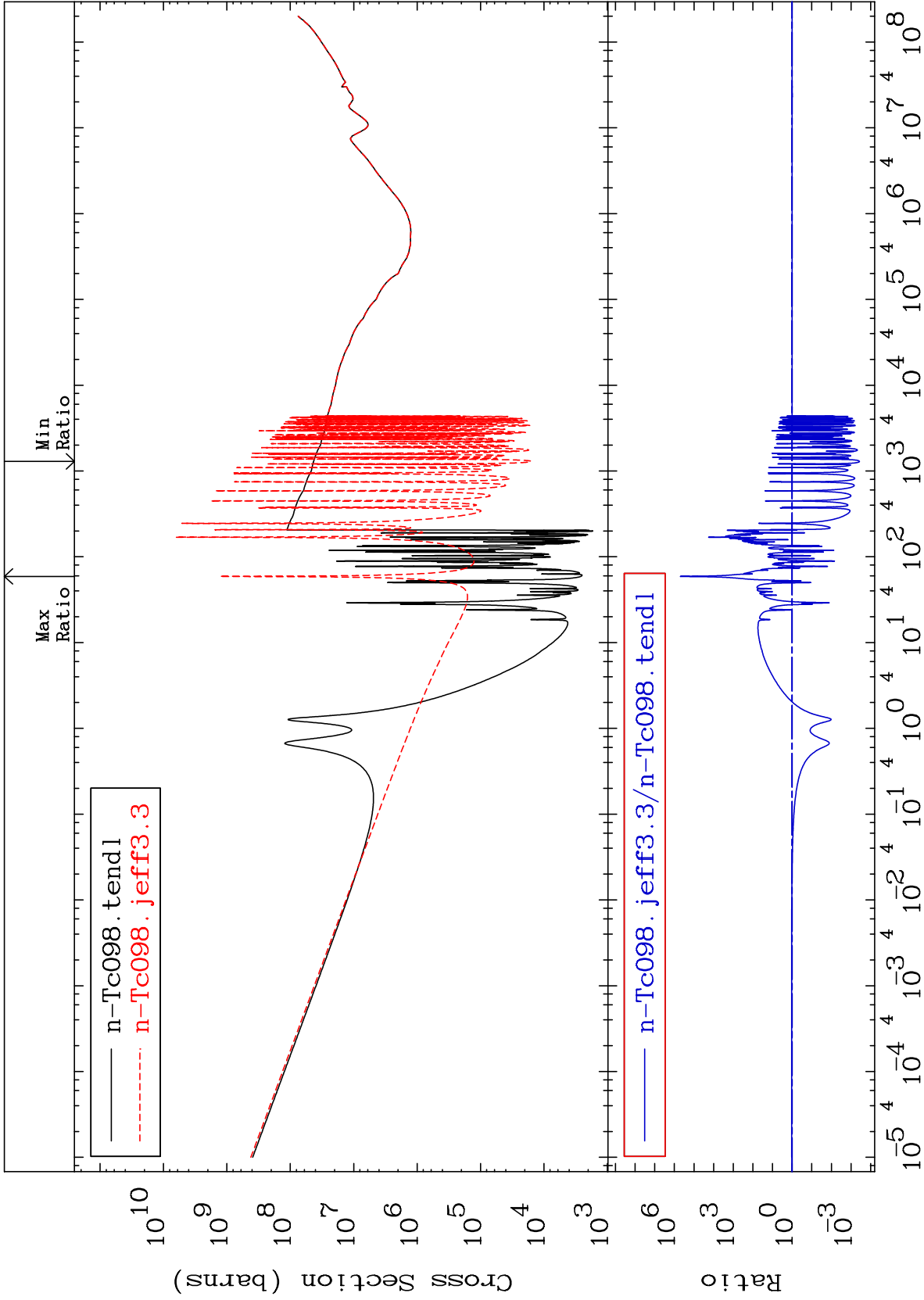
43-Tc-98

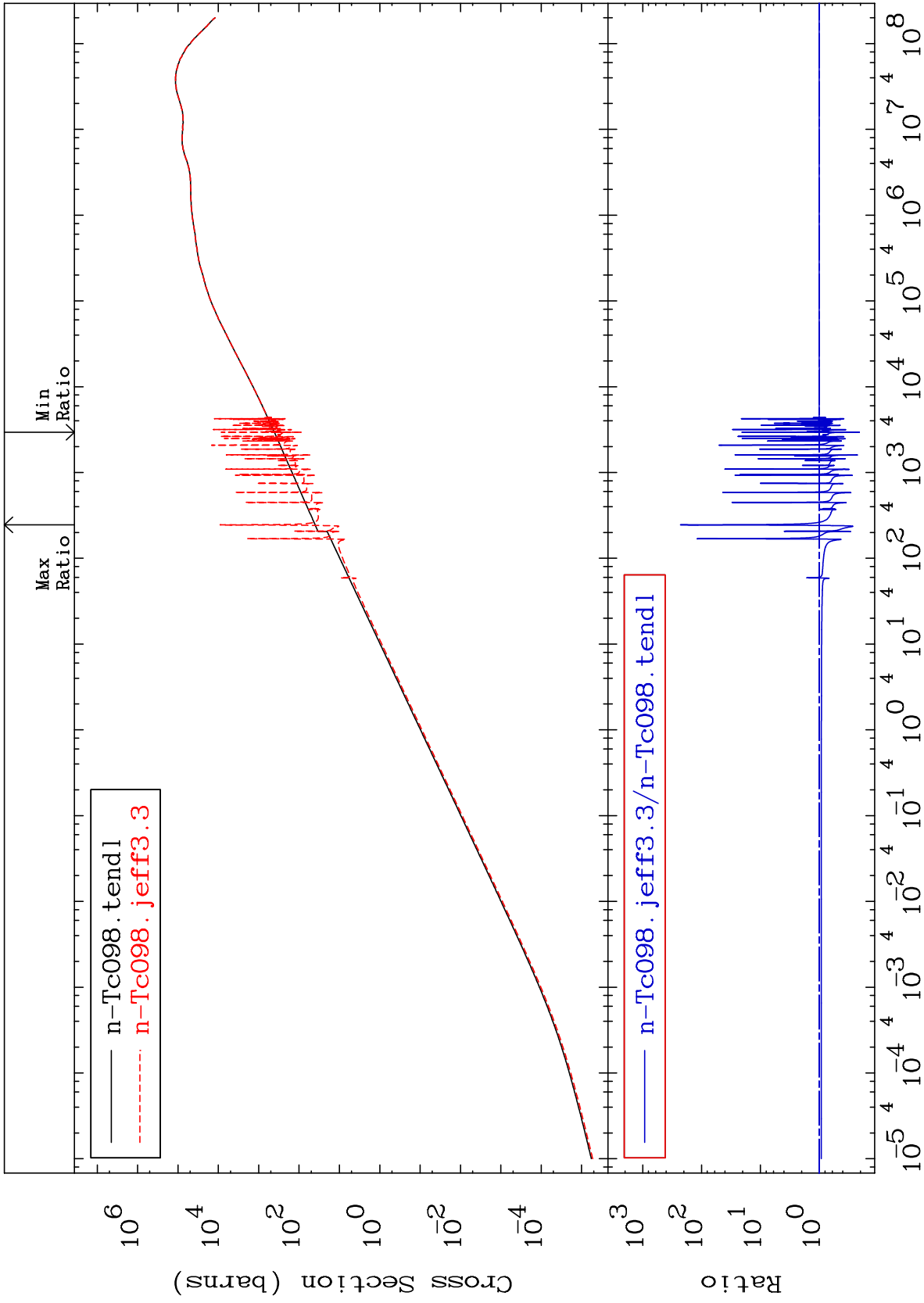
MAT 4322

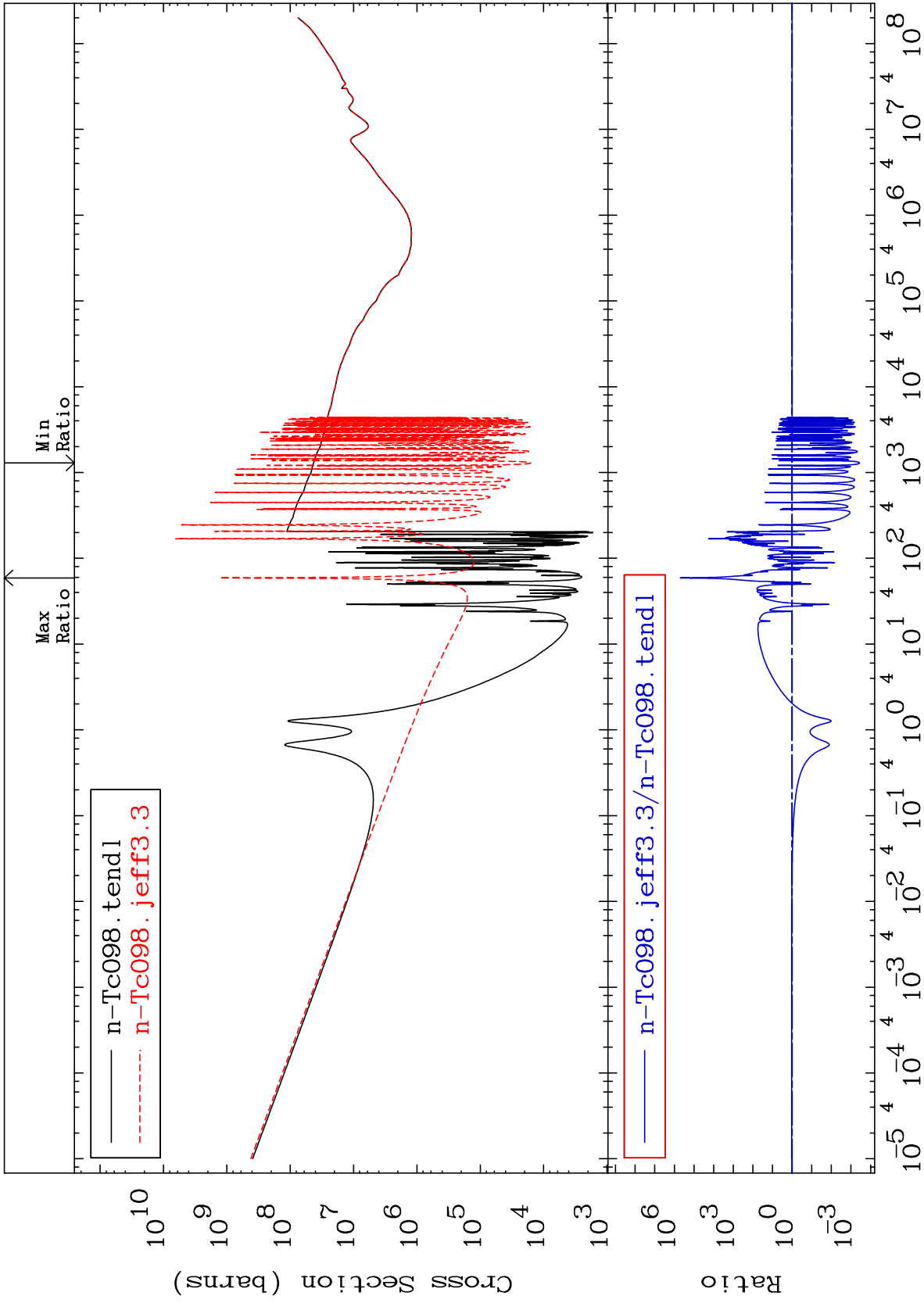
He-4 Production  
Cross Section

43-Tc-98  
-86.40 To 522.2 %





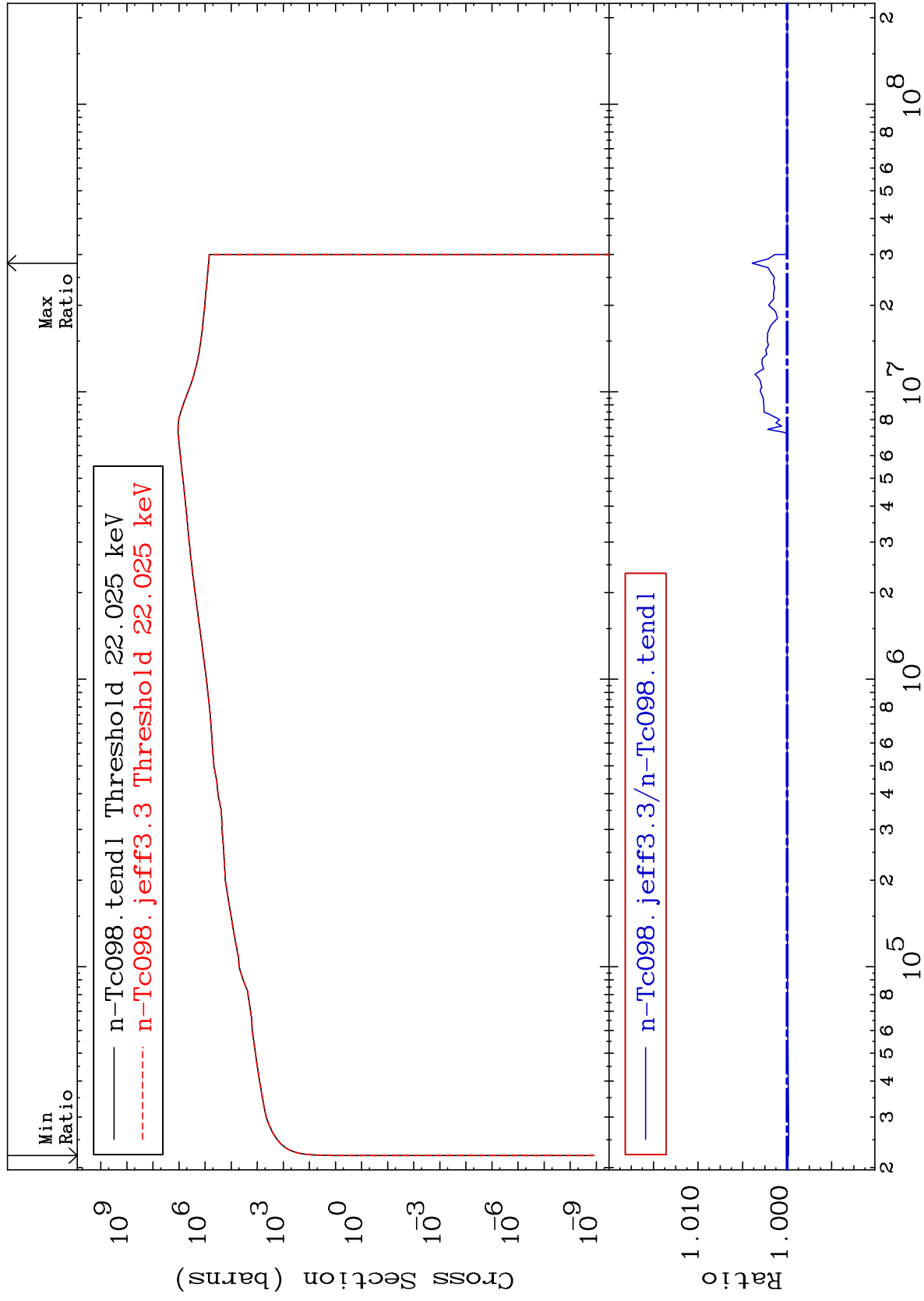


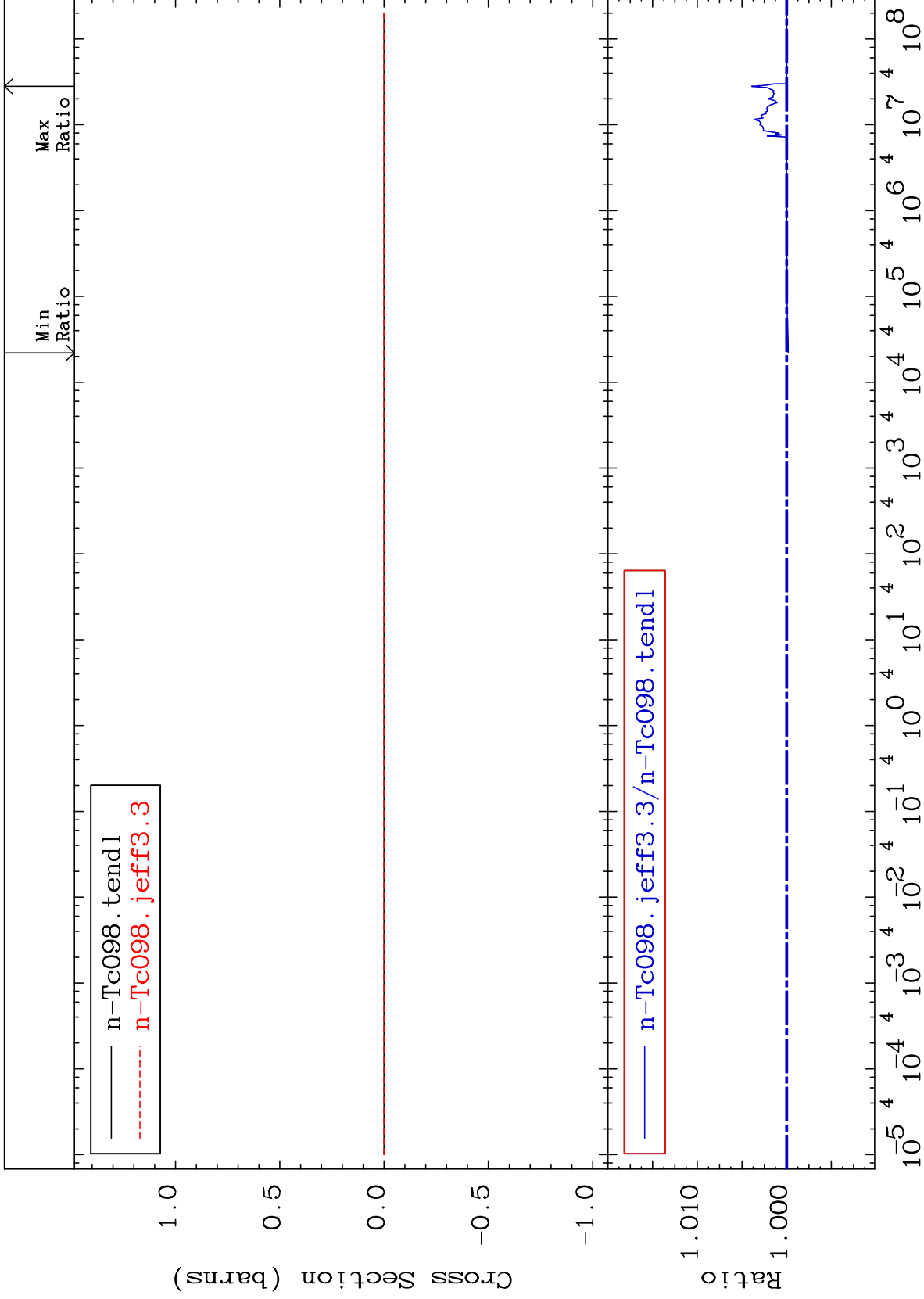


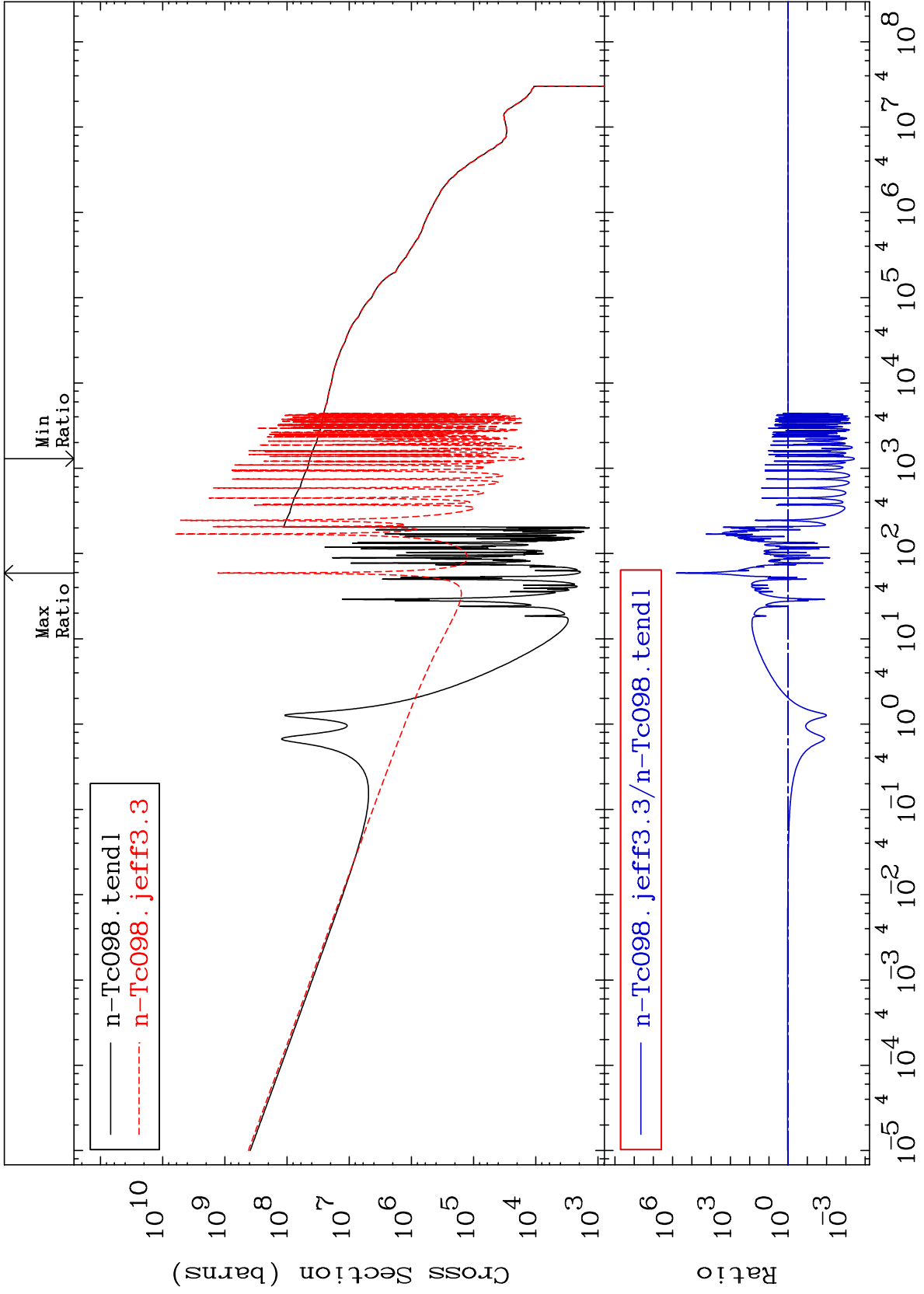
MAT 4322

Kerma inelastic (mt51-91)  
Cross Section

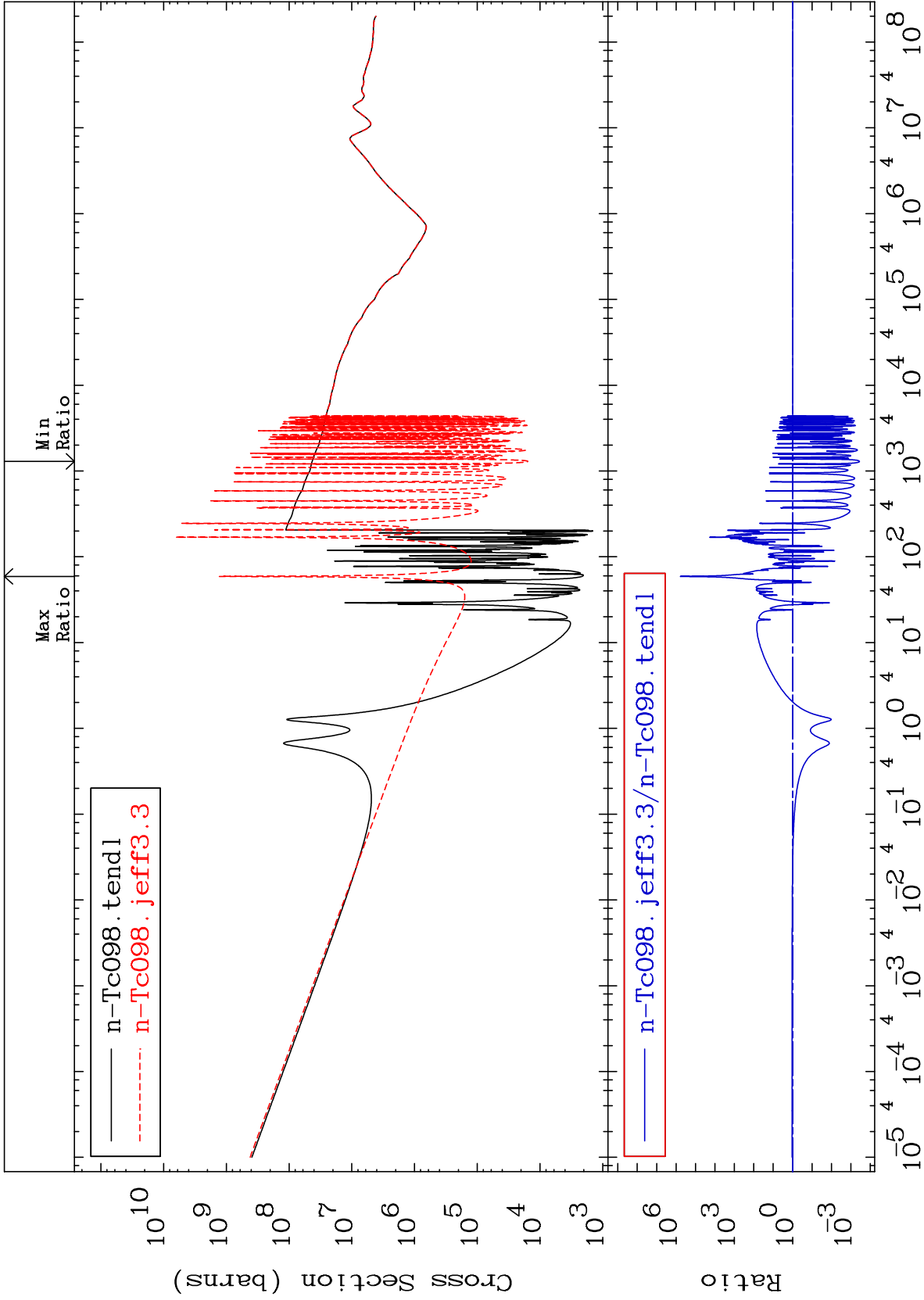
43-Tc-98  
-0.017 To 0.392 %

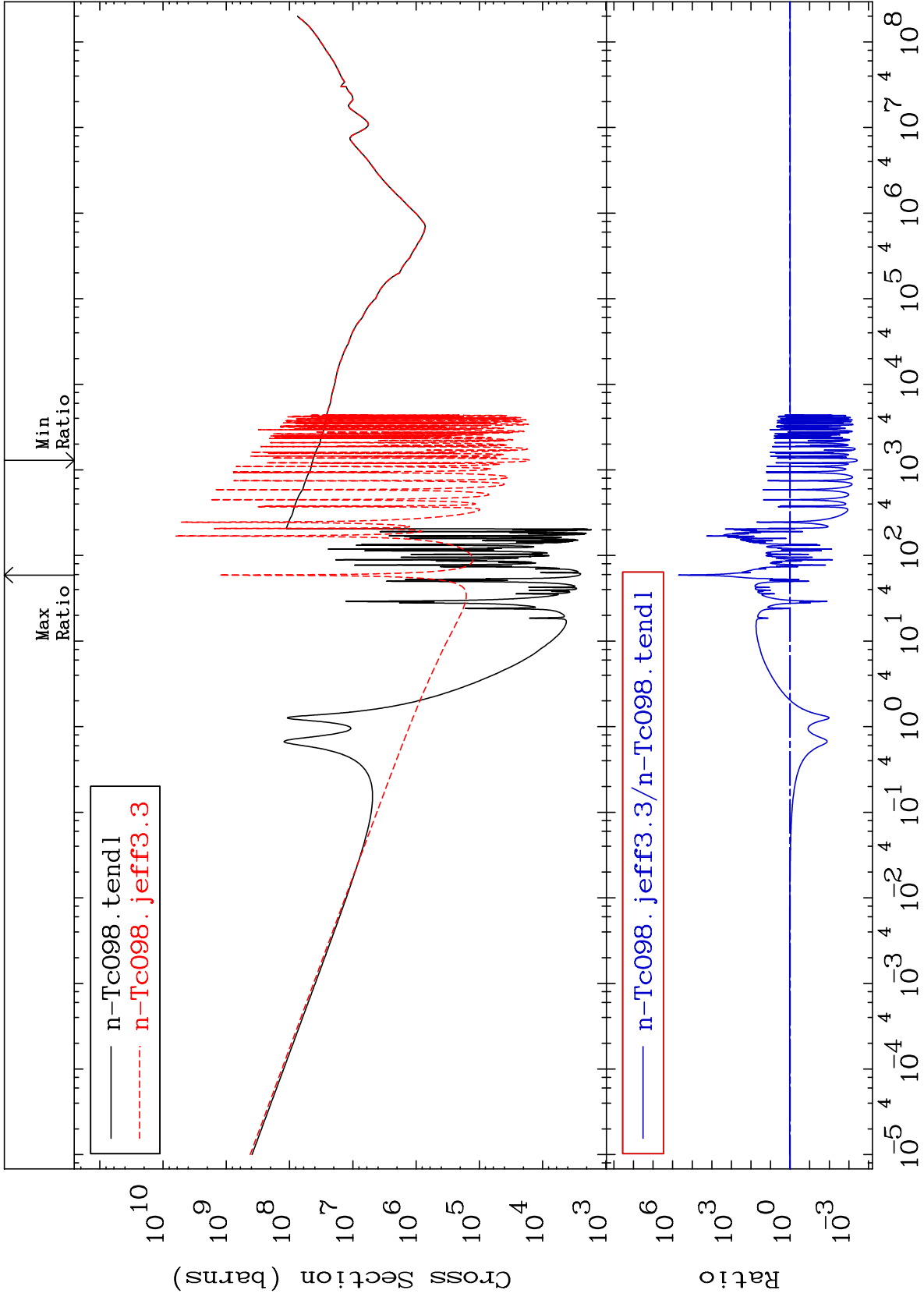


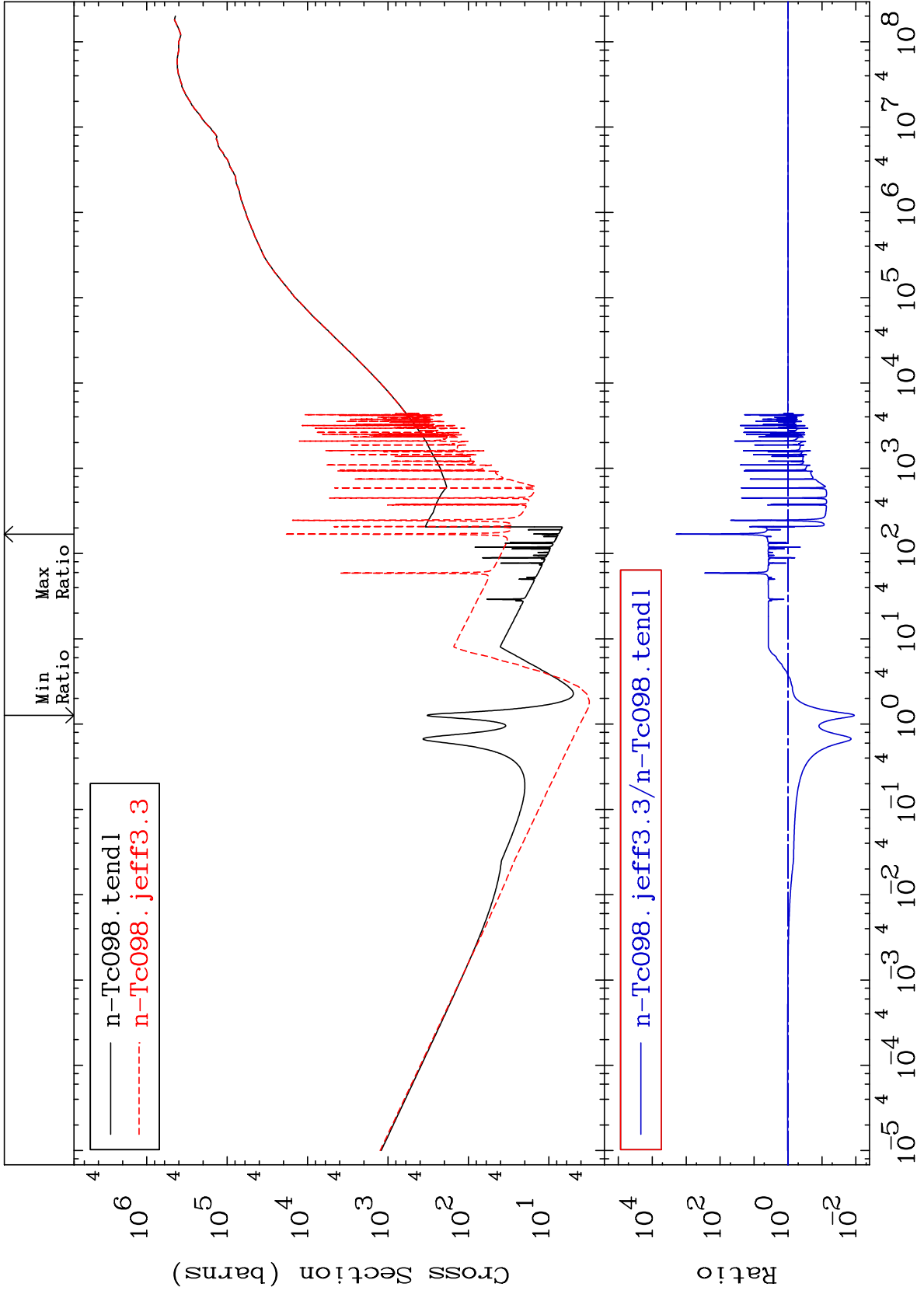


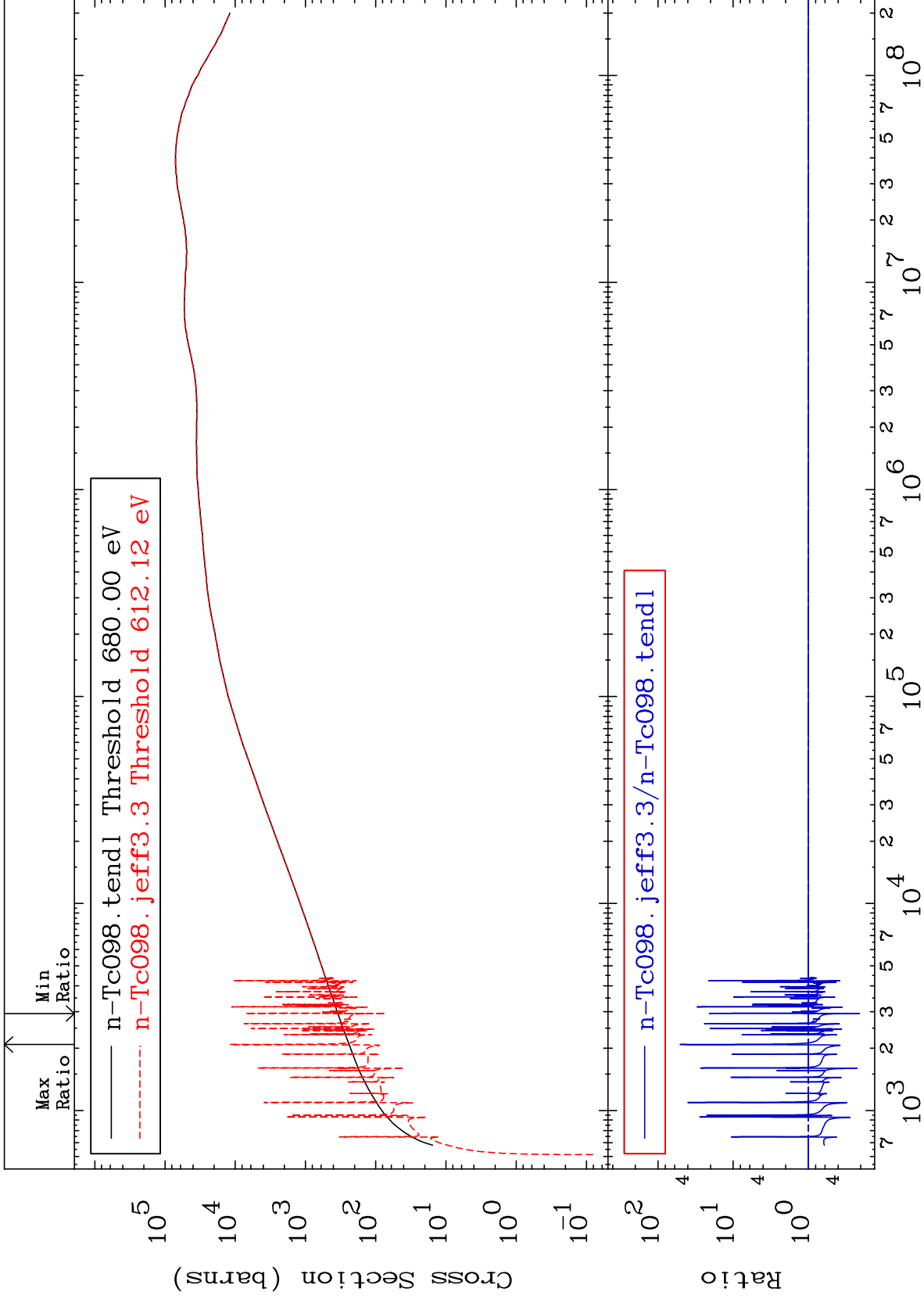








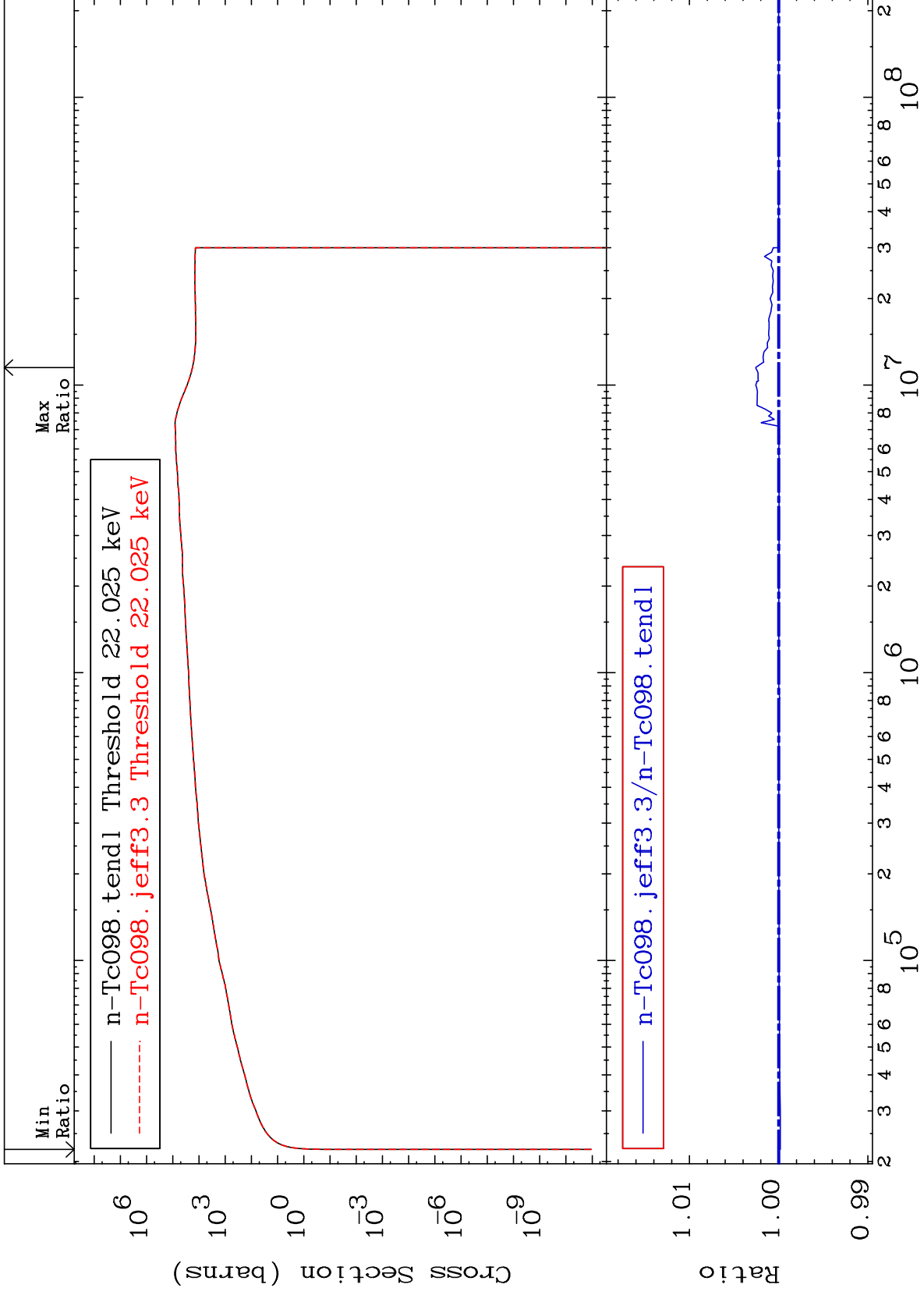




MAT 4322

Dpa inelastic (mt51-91)  
Cross Section

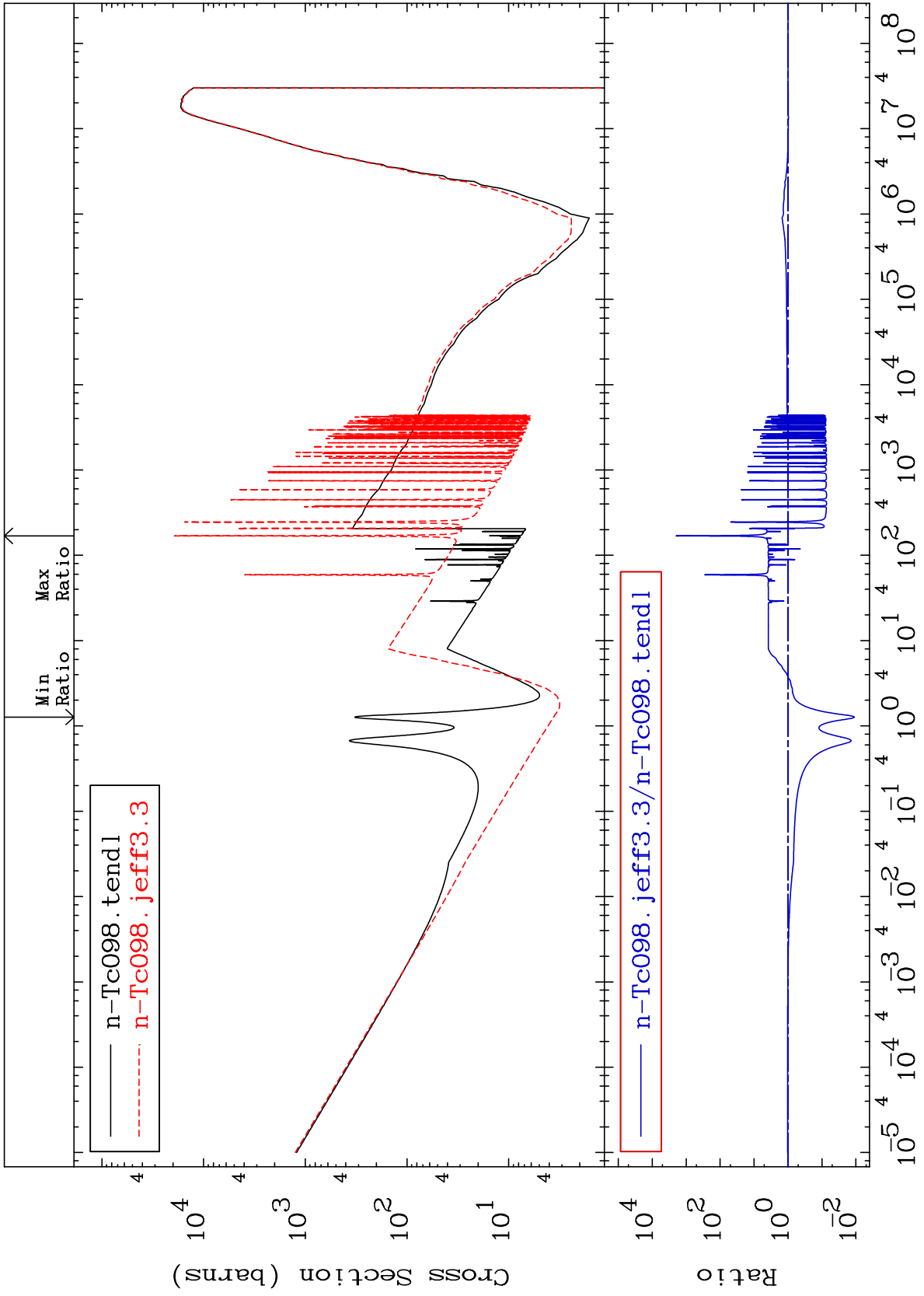
43-Tc-98  
-0.017 To 0.258 %



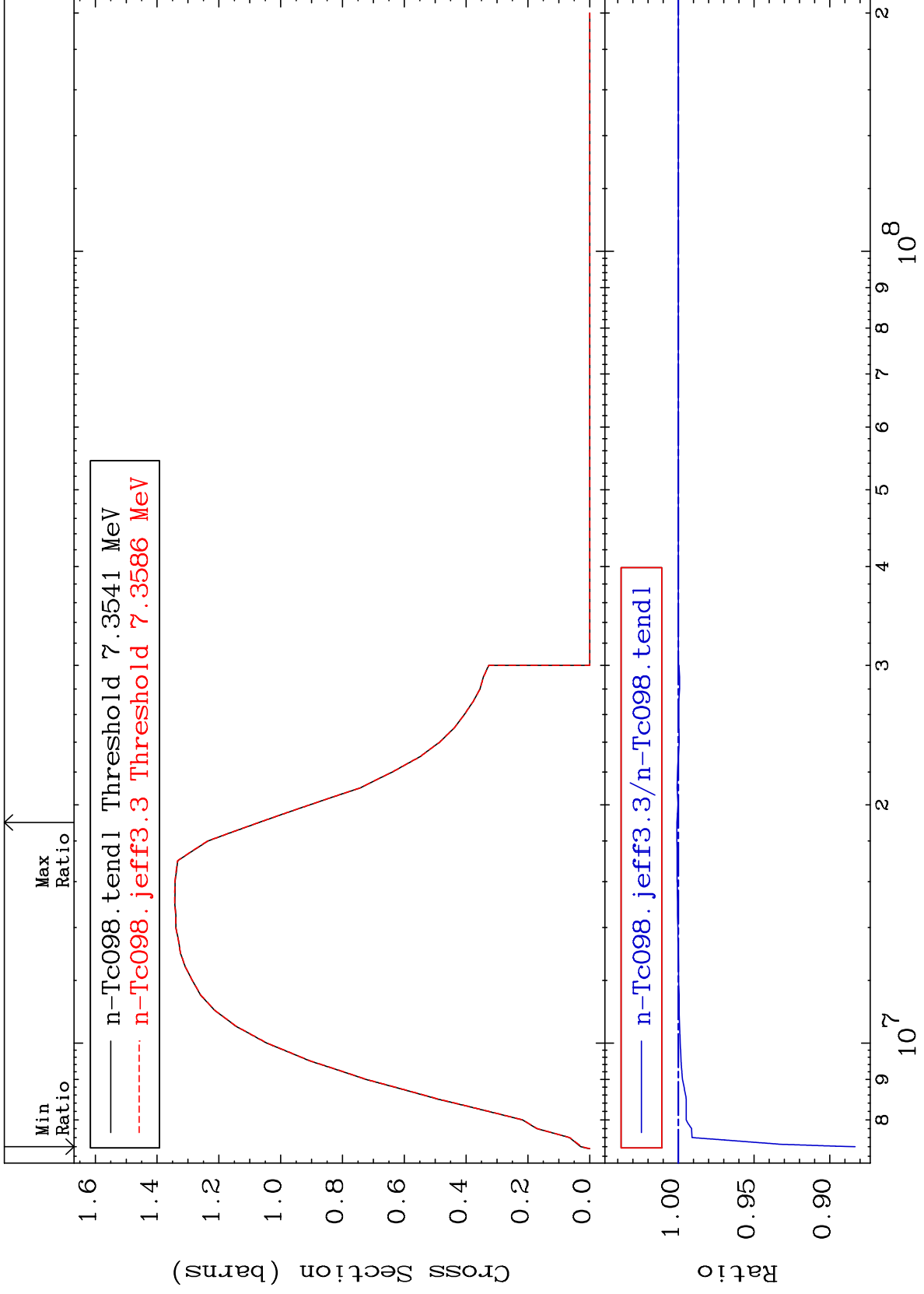
77

Incident Energy (eV)

43-Tc-98



Radionuclide Production Cross Section -11.67 To 0.091 %

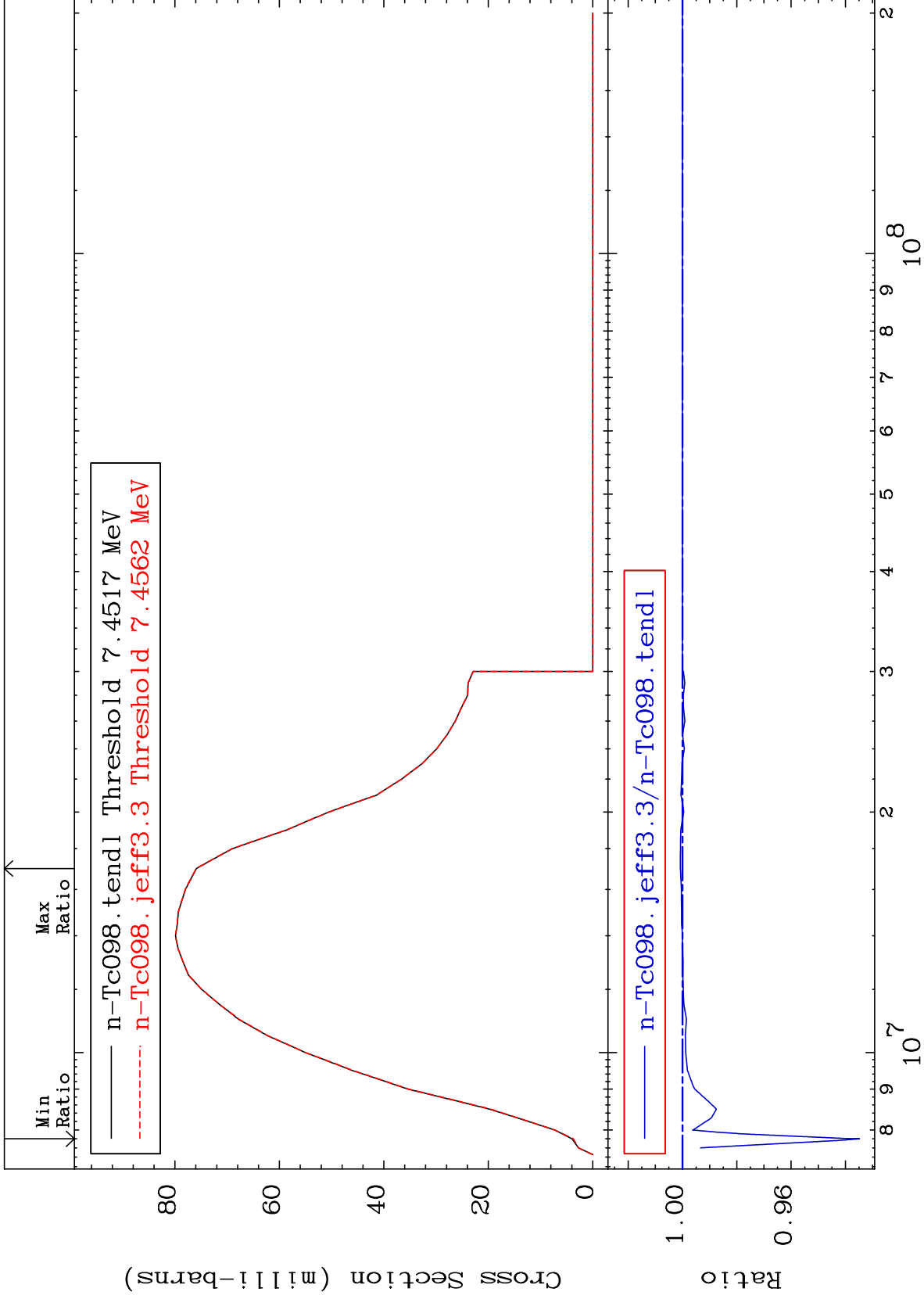


MAT 4322

(n,2n):43-Tc-97m1

43-Tc-98

Radionuclide Production Cross Section -6.515 To 0.078 %



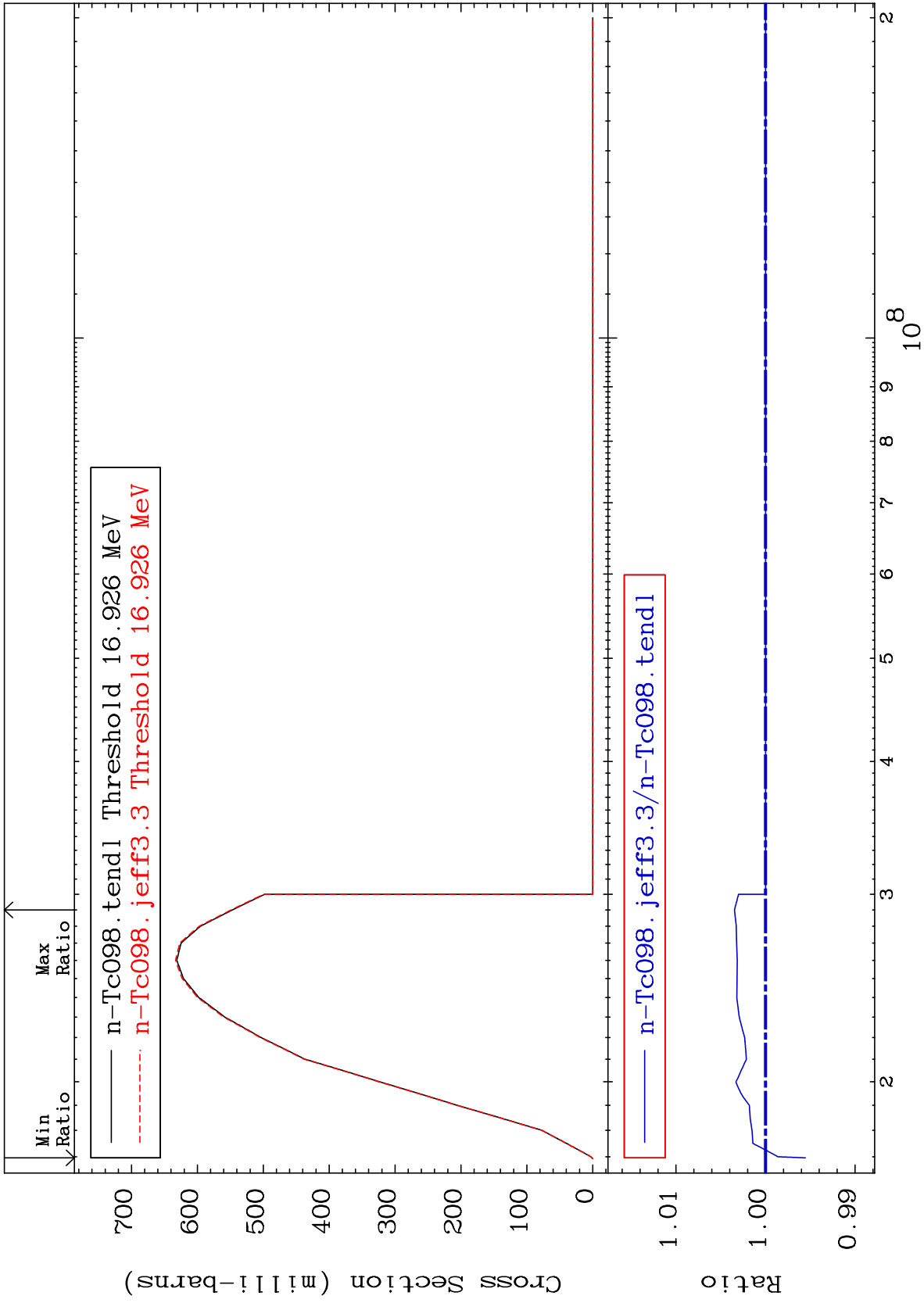
80

Incident Energy (eV)

43-Tc-98



Radionuclide Production Cross Section -0.445 To 0.347 %

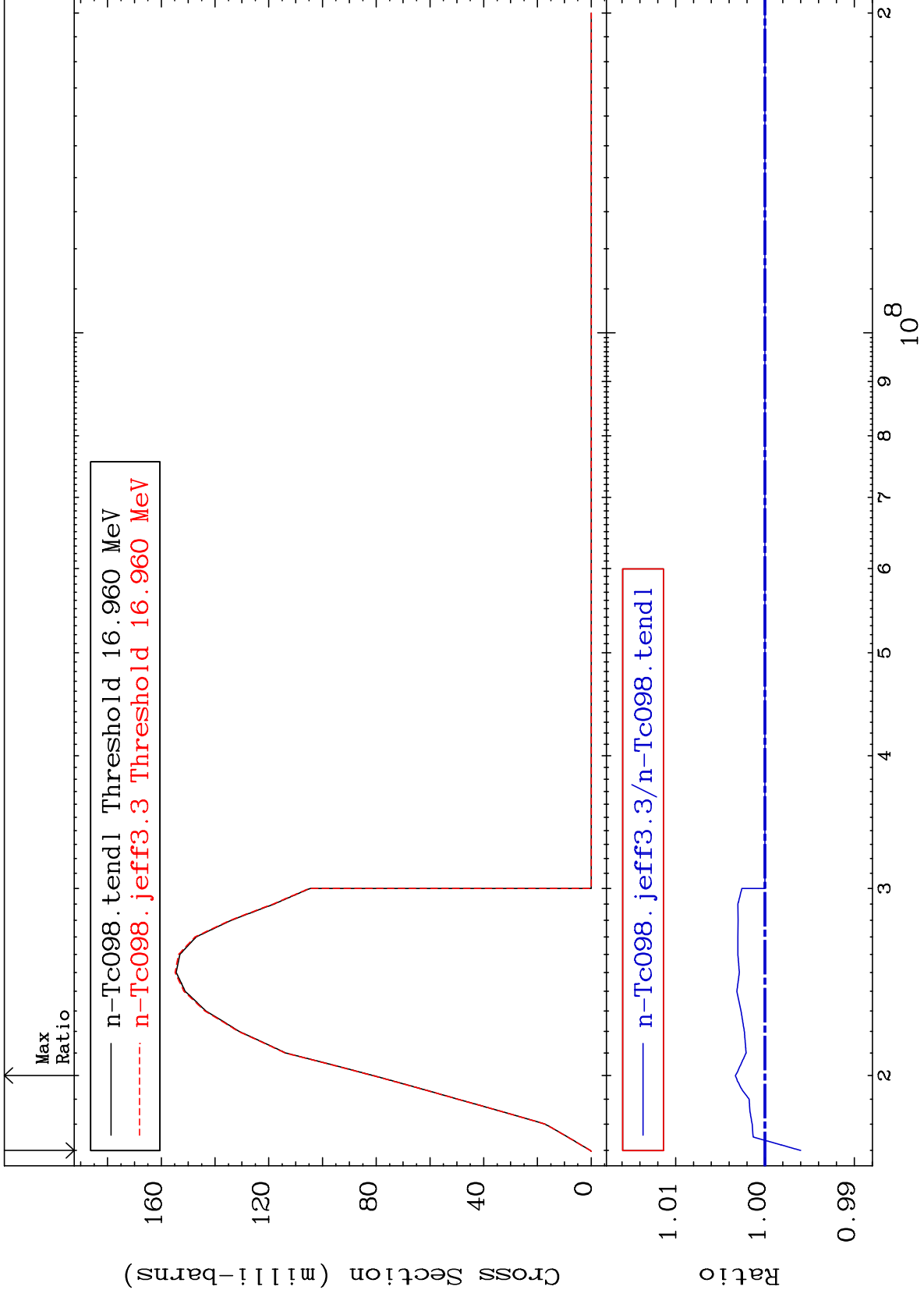


MAT 4322

(n,3n):43-Tc-96m1

43-Tc-98

Radionuclide Production Cross Section -0.399 To 0.332 %

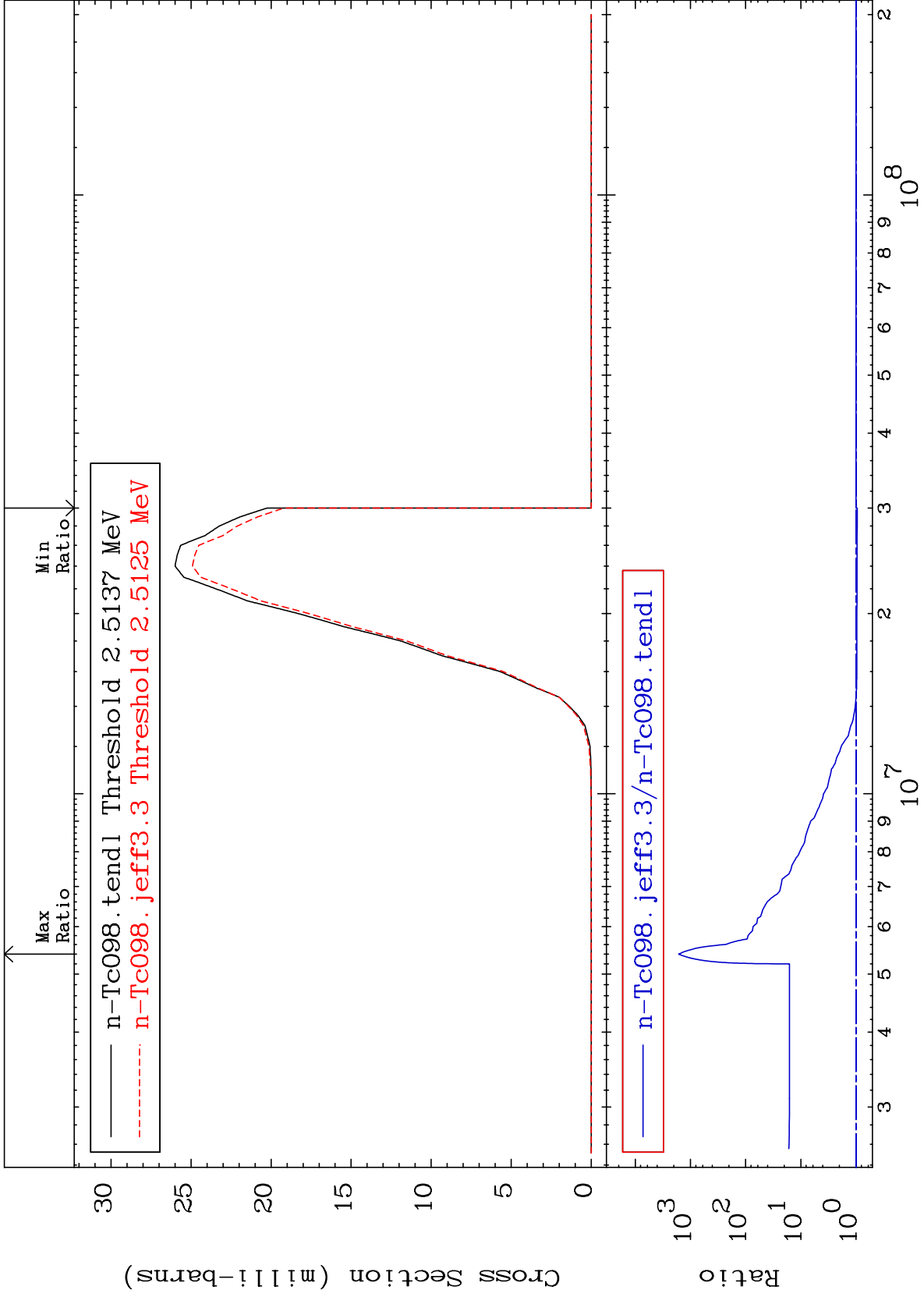


MAT 4322

(n, n')  $\alpha$ :41-Nb-94g

43-Tc-98

Radionuclide Production Cross Section -5.180 To 9999. %

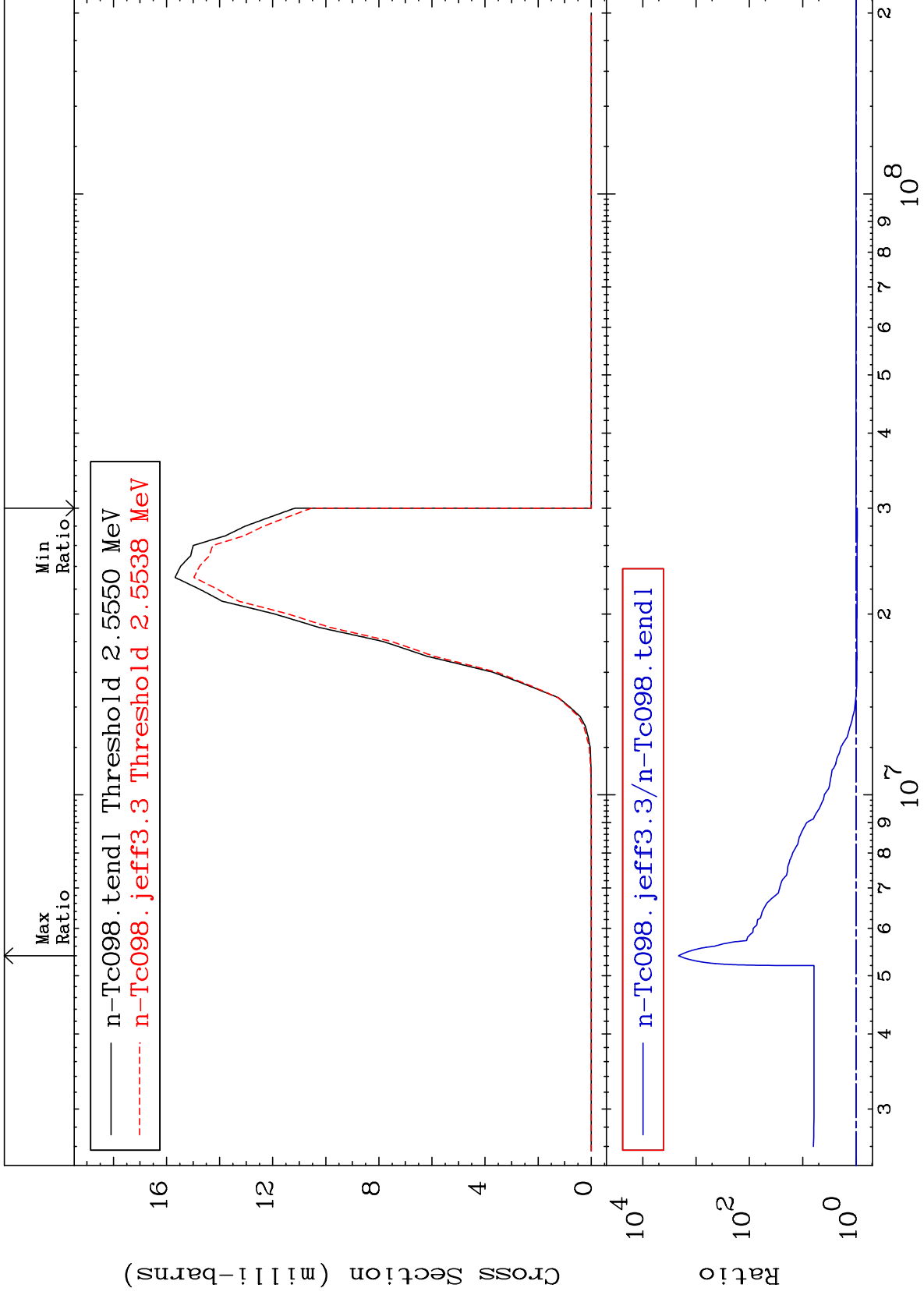


MAT 4322

(n, n')  $\alpha$ : 41-Nb-94m1

43-Tc-98

Radionuclide Production Cross Section -5.501 To 9999. %

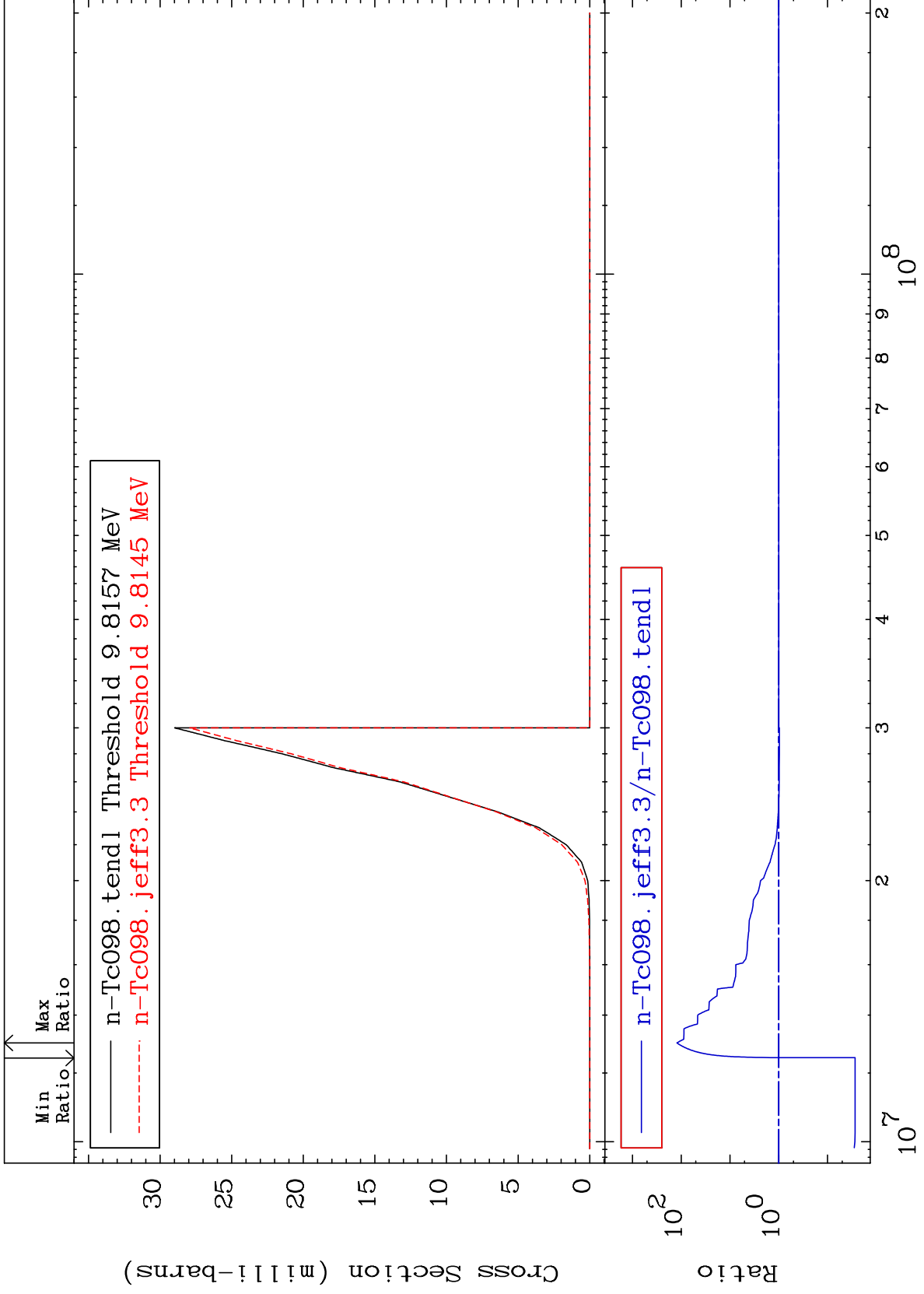


MAT 4322

(n,2n)  $\alpha$ :41-Nb-93g

43-Tc-98

Radionuclide Production Cross Section -97.29 To 9999. %

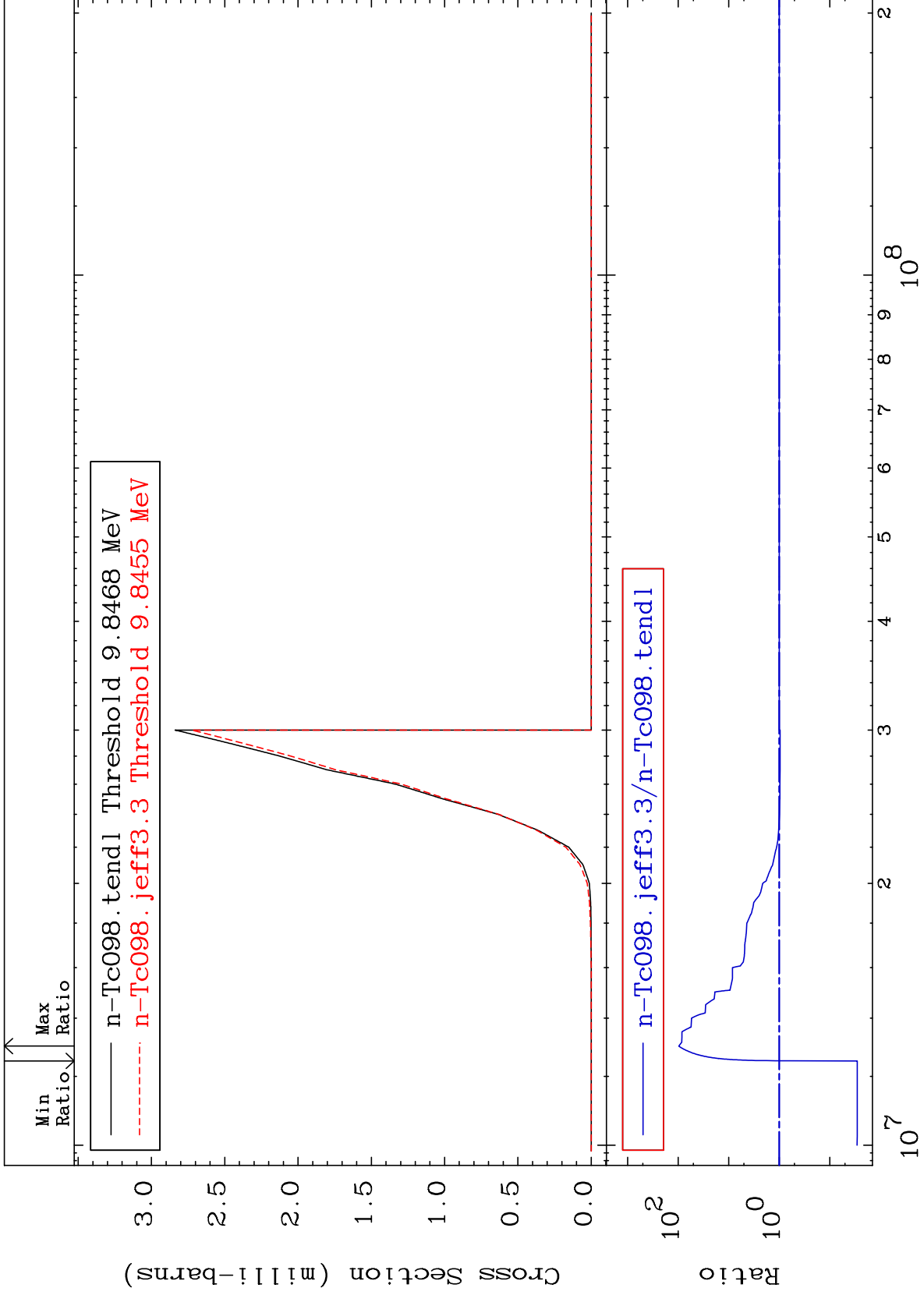


85

Incident Energy (eV)

43-Tc-98

Radionuclide Production Cross Section -97.14 To 9694. %

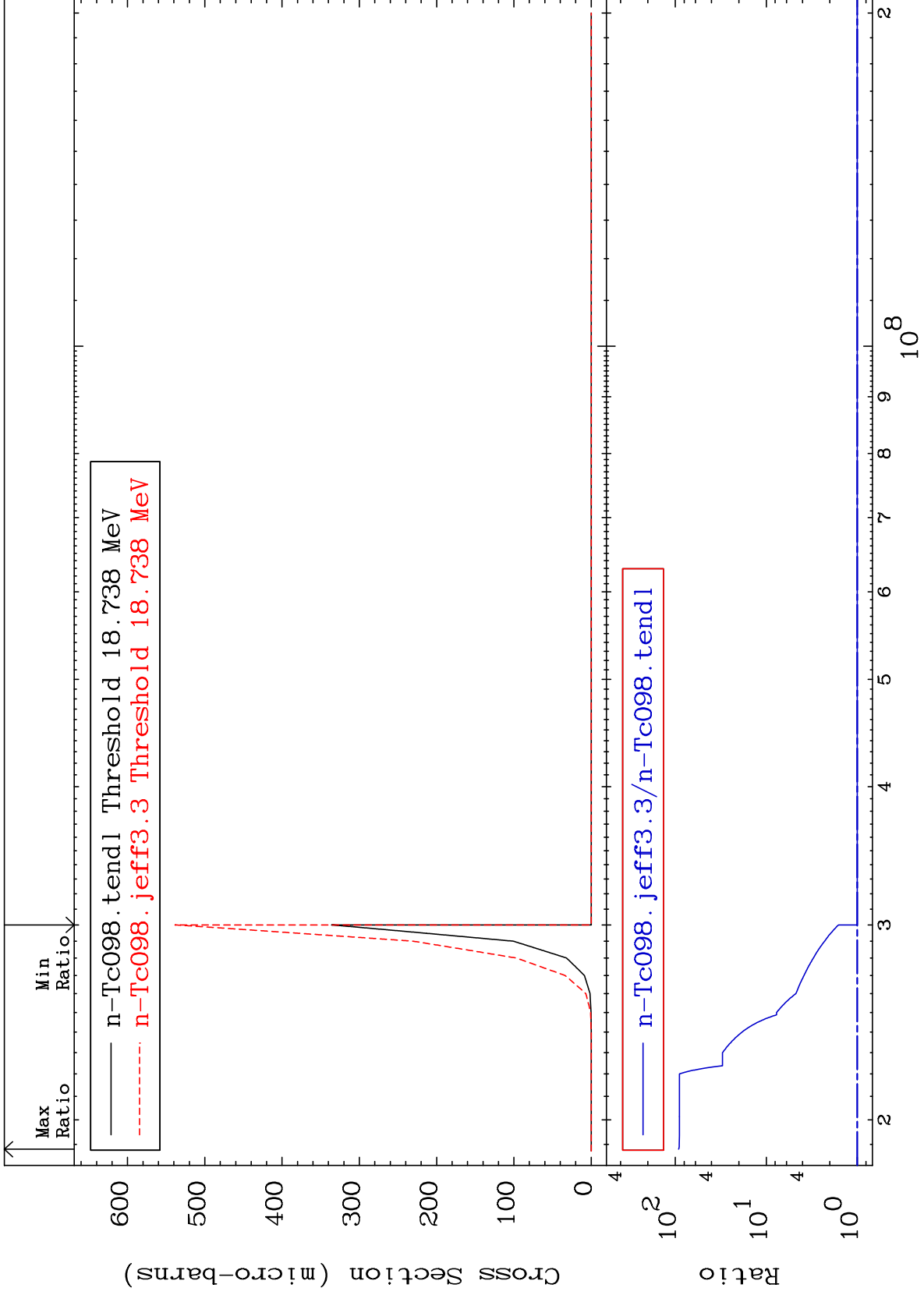


MAT 4322

(n, 3n)  $\alpha$ :41-Nb-92g

43-Tc-98

Radionuclide Production Cross Section 0.000 To 9087. %

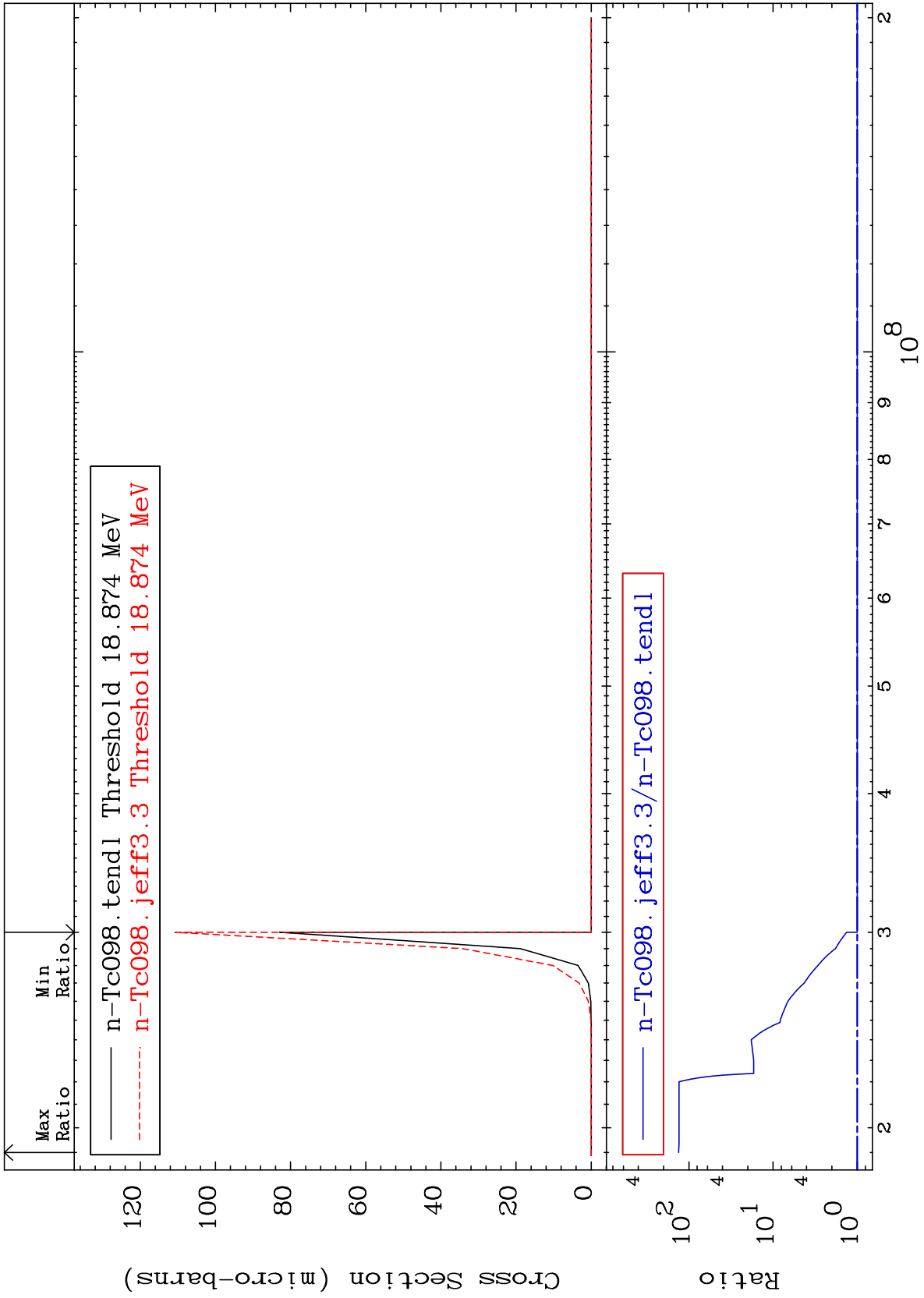


MAT 4322

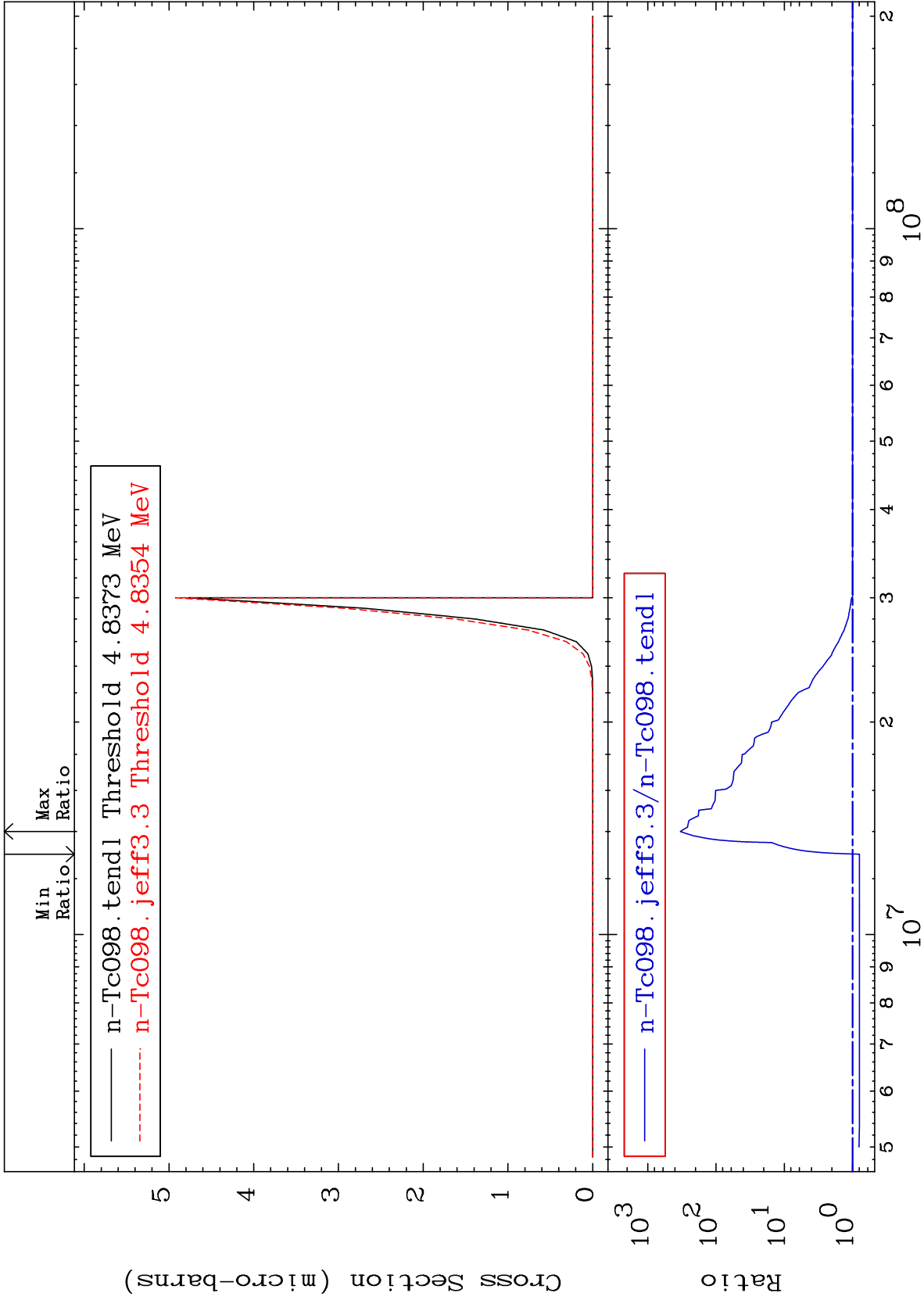
(n,3n)  $\alpha$ : 41-Nb-92m1

43-Tc-98

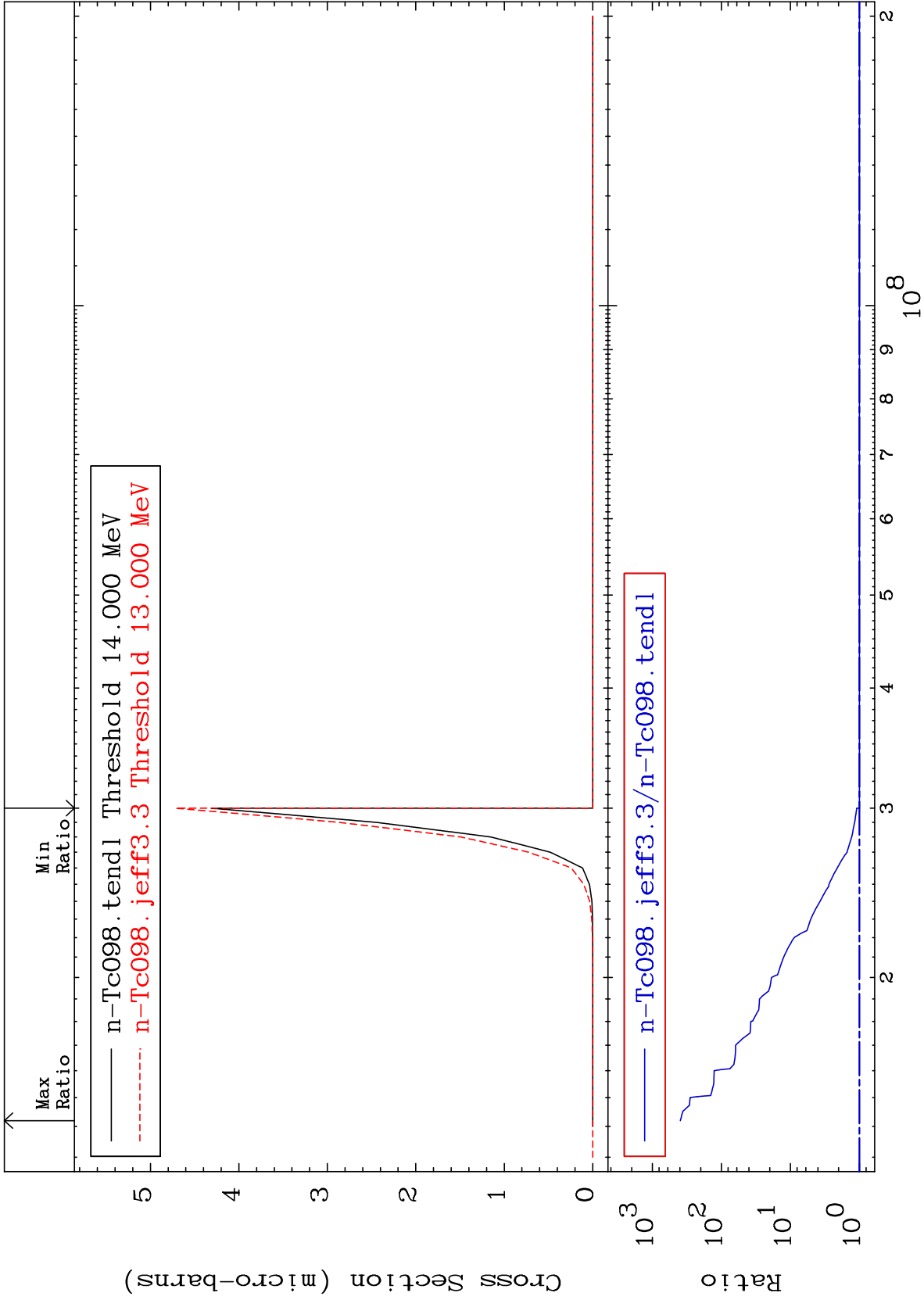
Radionuclide Production Cross Section 0.000 To 9999. %



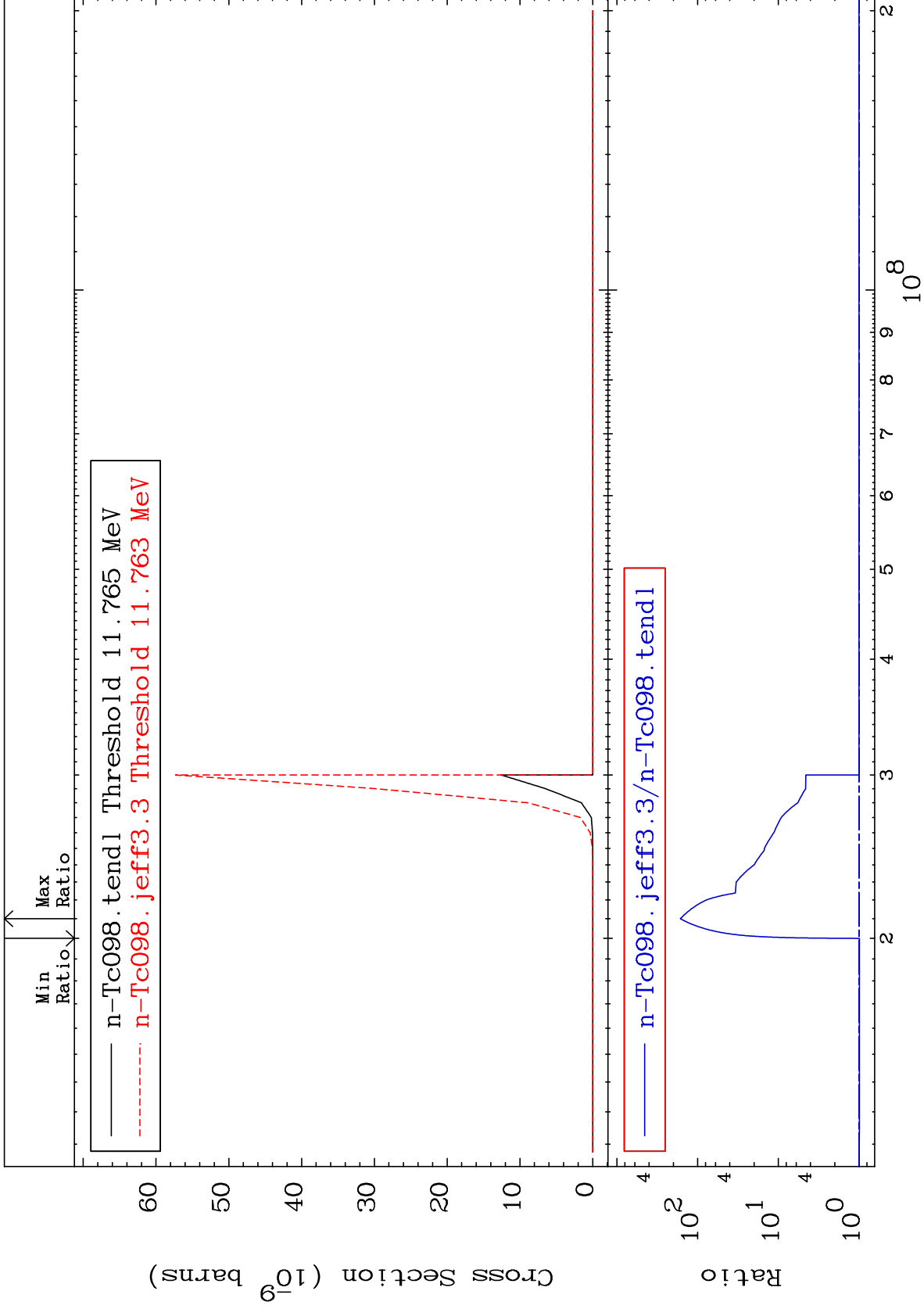




Radionuclide Production Cross Section 0.000 To 9999. %



Radionuclide Production Cross Section -0.911 To 9999. %

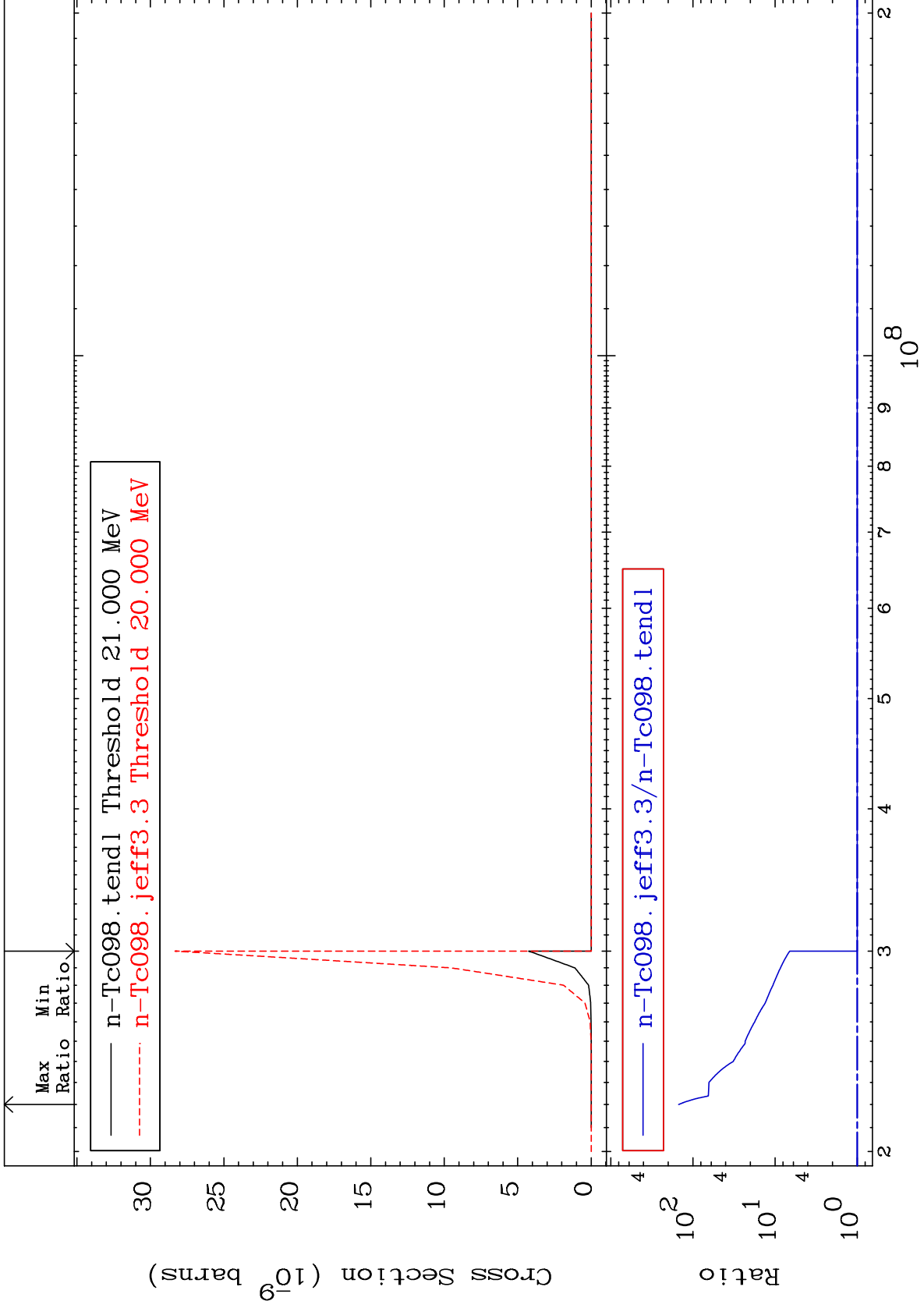


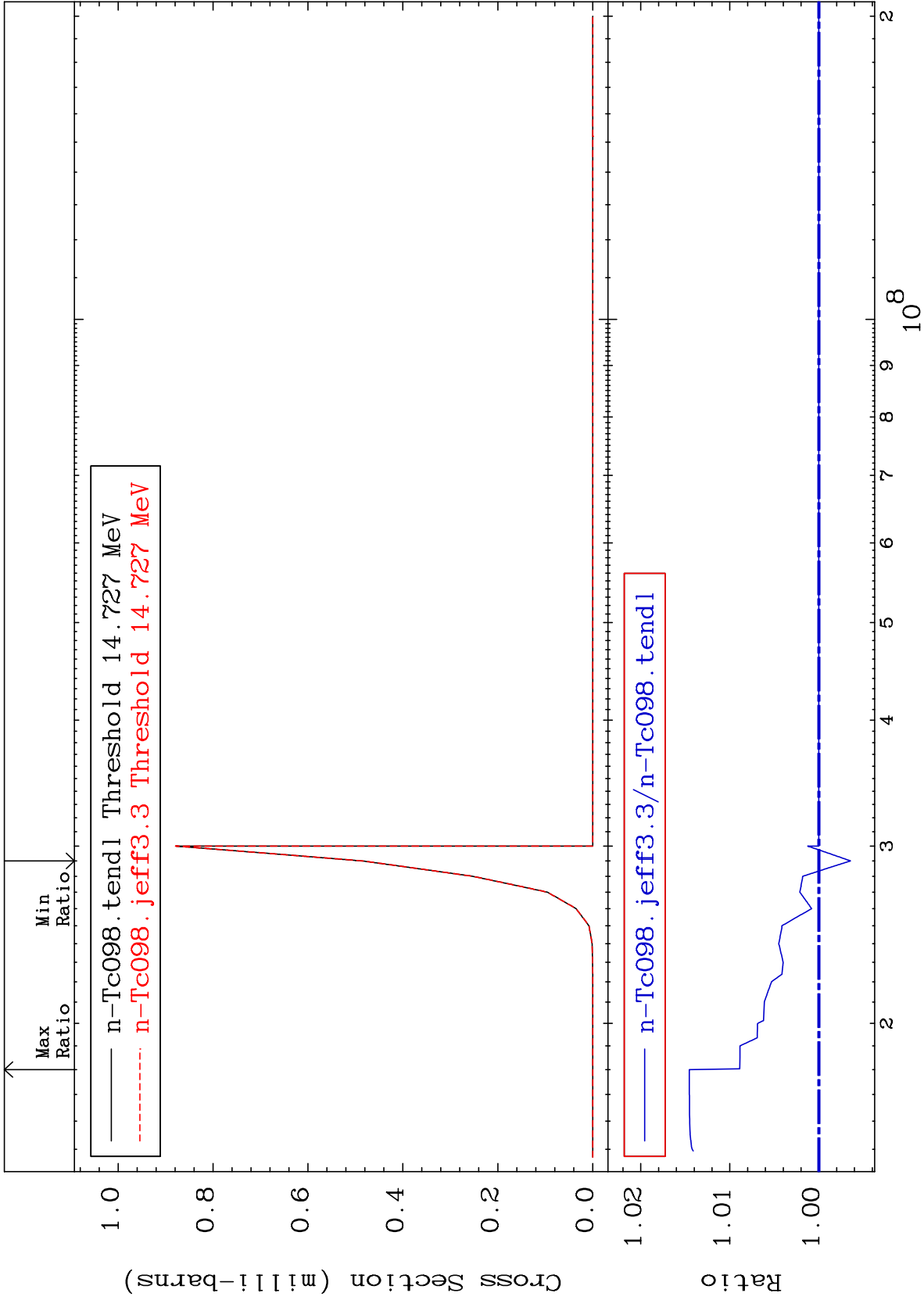
MAT 4322

(n,2n) 2α:39-Y -89m1

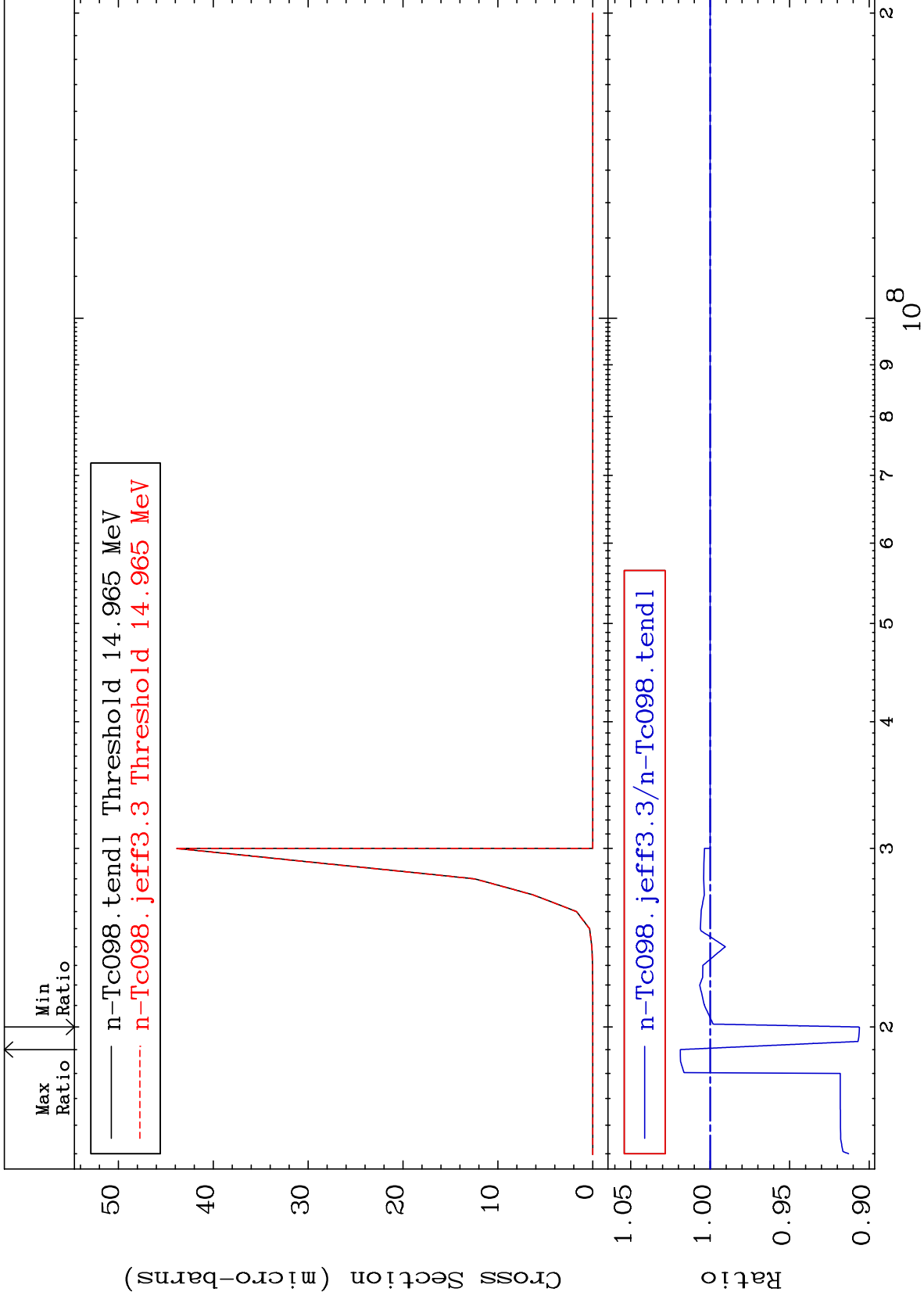
43-Tc-98

Radionuclide Production Cross Section 0.000 To 9999. %





Radionuclide Production Cross Section -9.390 To 1.878 %

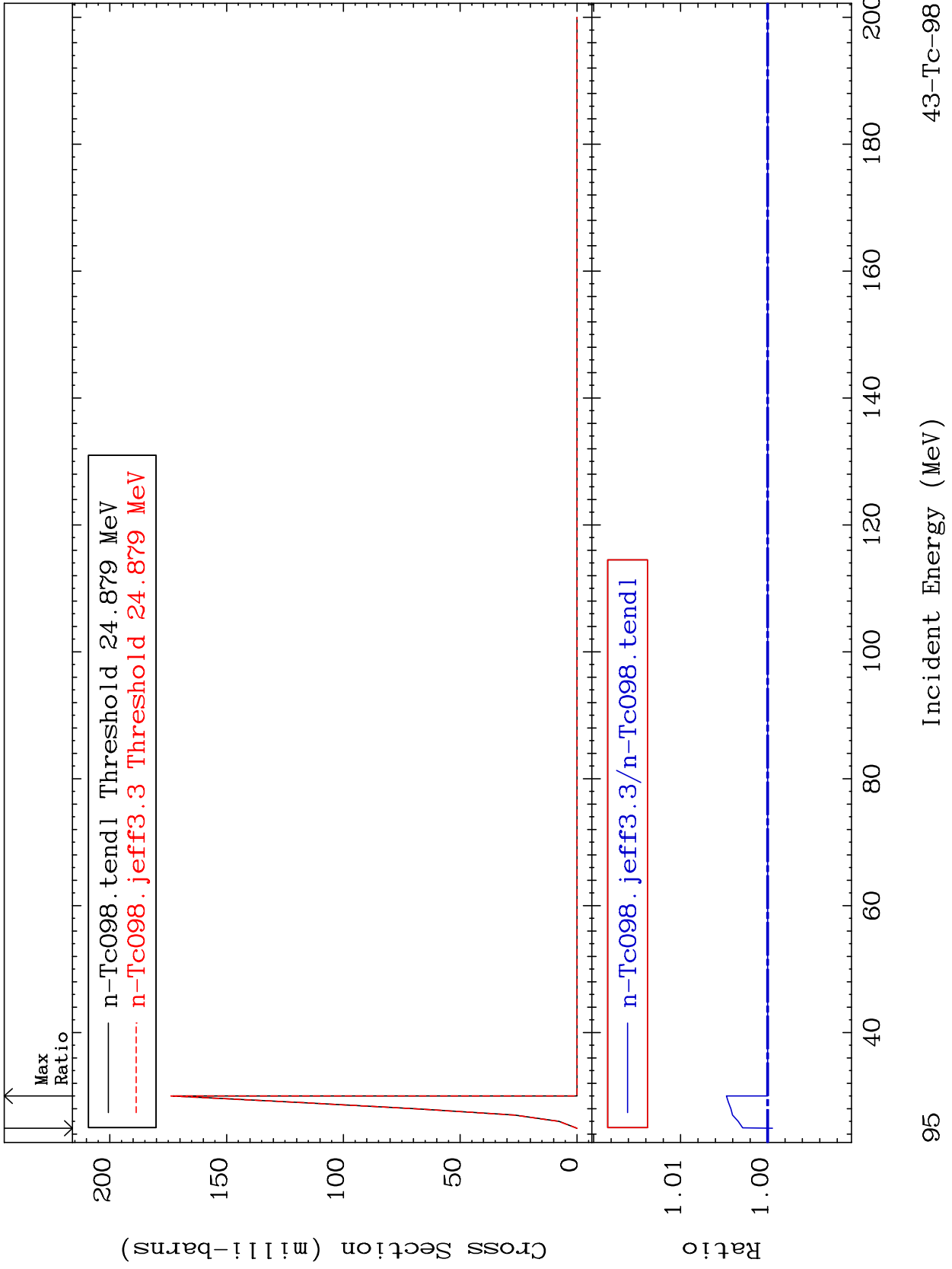


MAT 4322

(n, 4n) : 43-Tc-95g

43-Tc-98

Radionuclide Production Cross Section -0.056 To 0.473 %

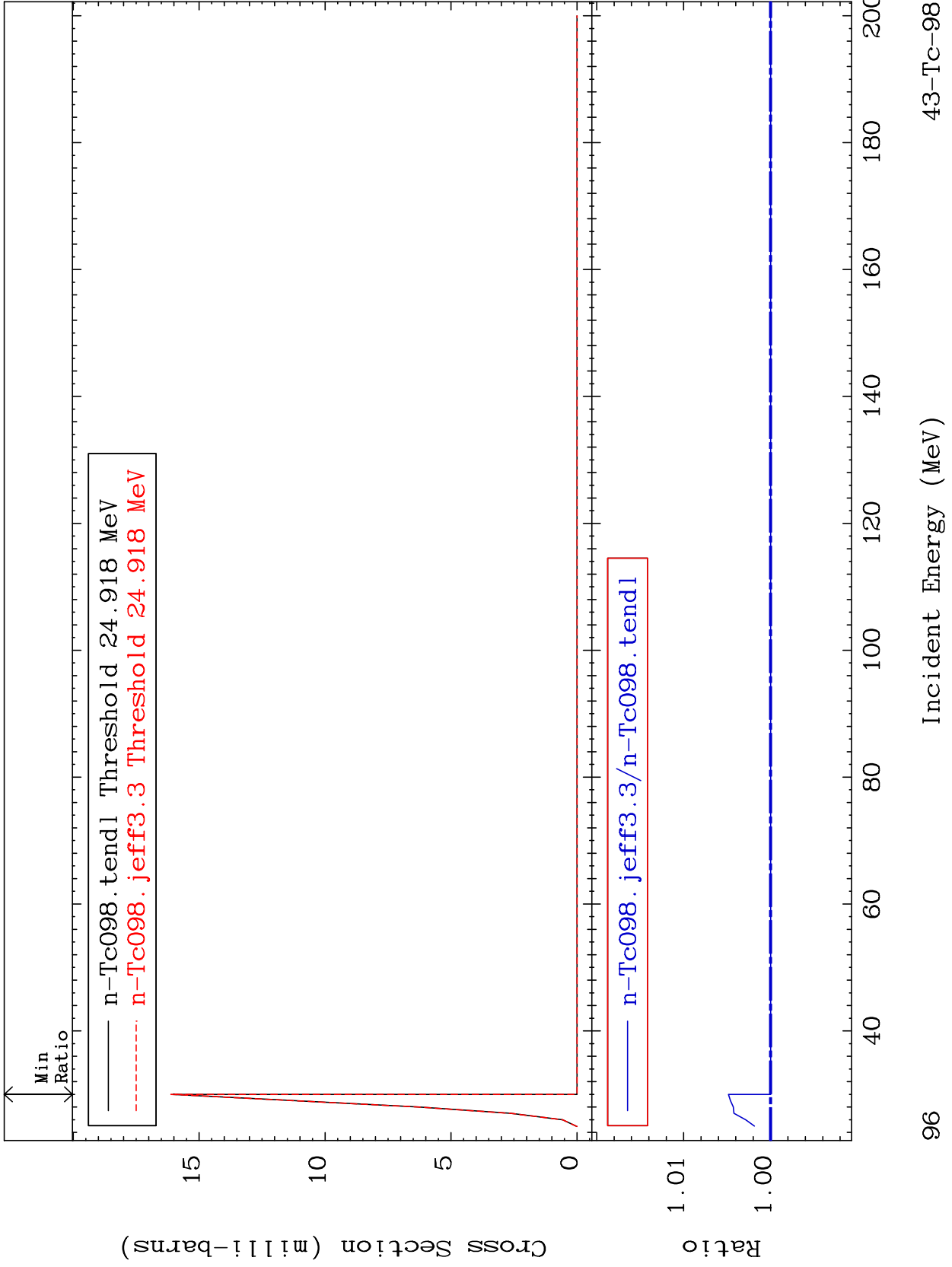


MAT 4322

(n, 4n) : 43-Tc-95m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 0.485 %



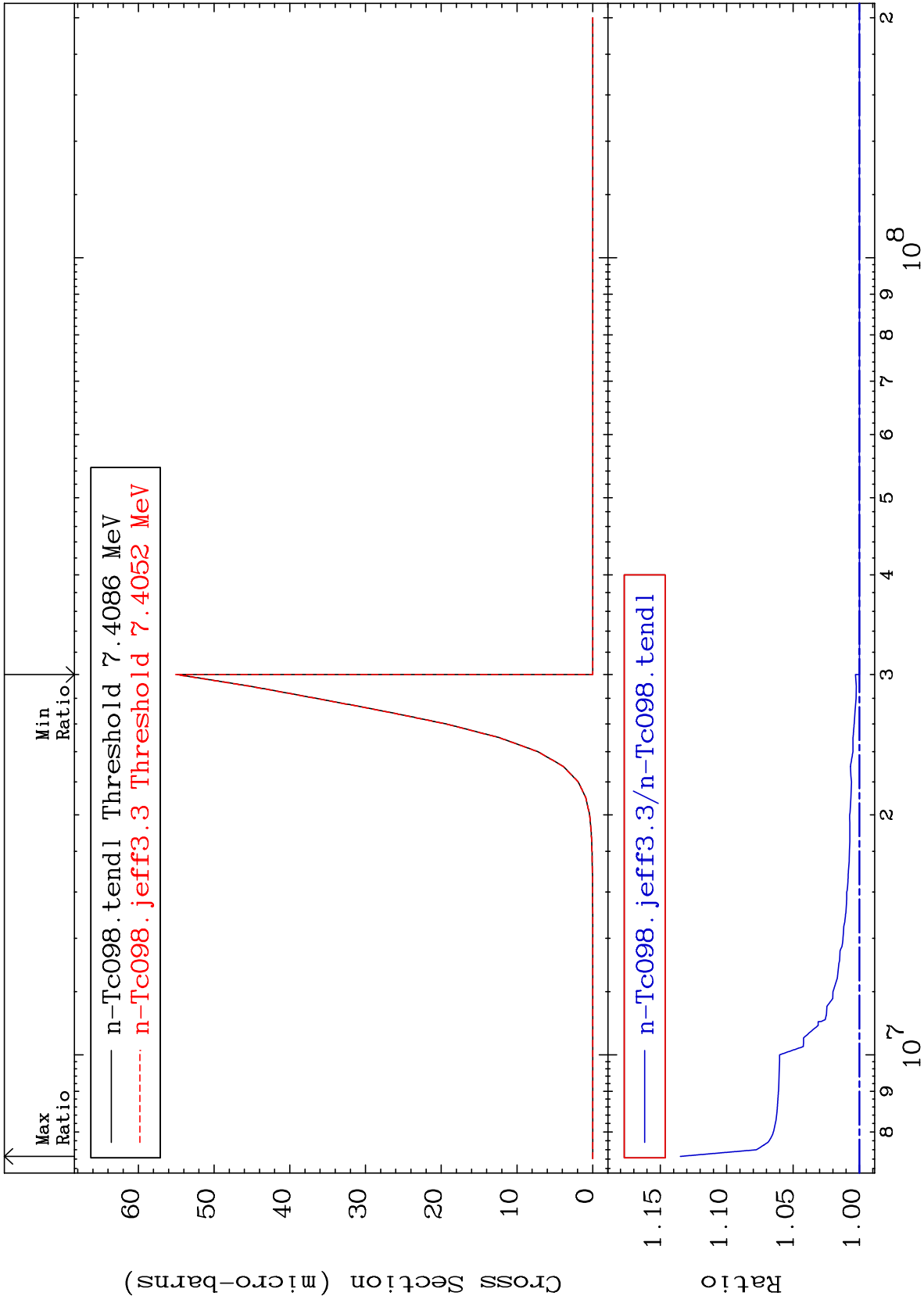


MAT 4322

(n,2p) : 41-Nb-97g

43-Tc-98

Radionuclide Production Cross Section 0.000 To 13.49 %



97

Incident Energy (eV)

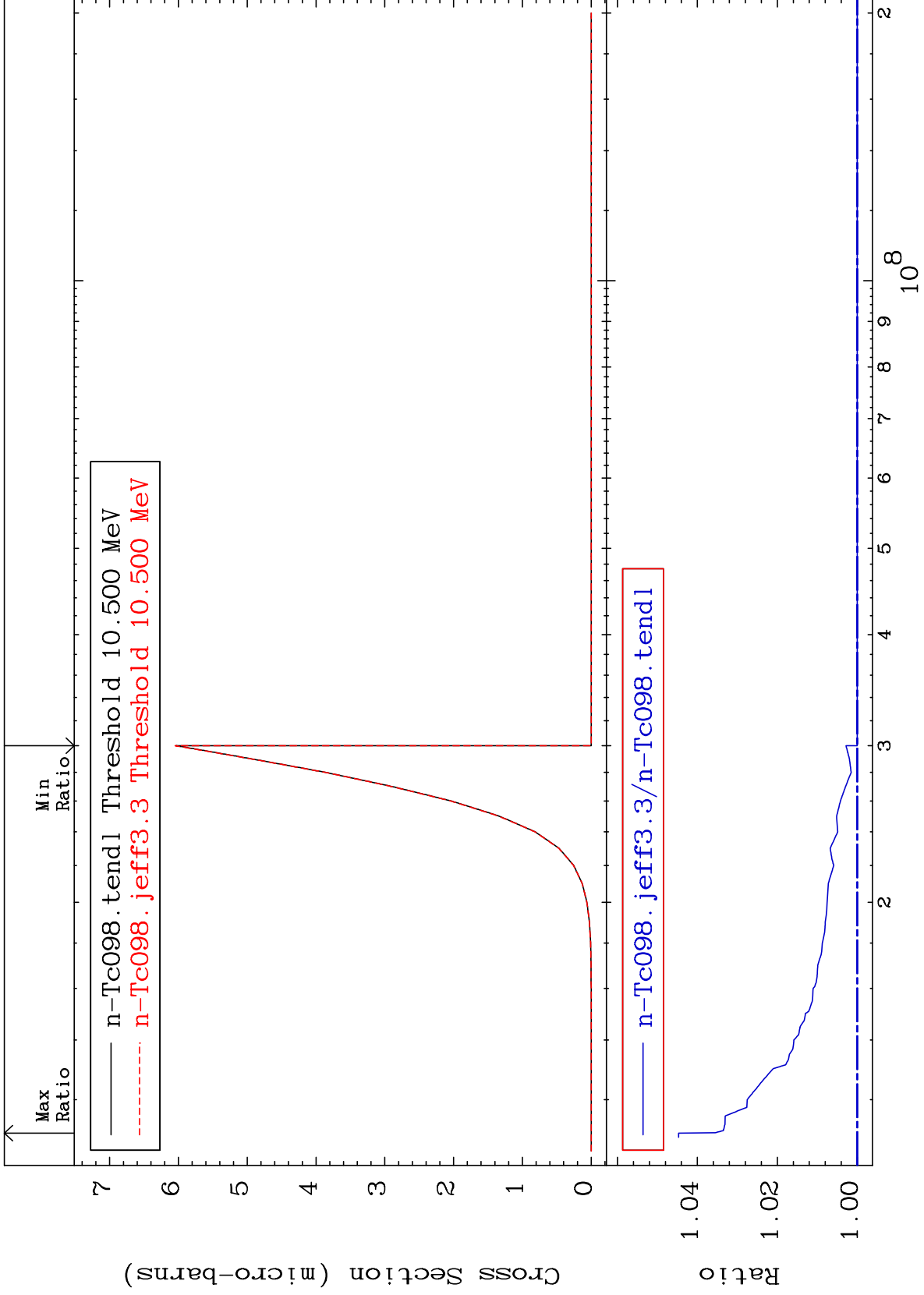
43-Tc-98

MAT 4322

(n,2p):41-Nb-97m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 4.469 %

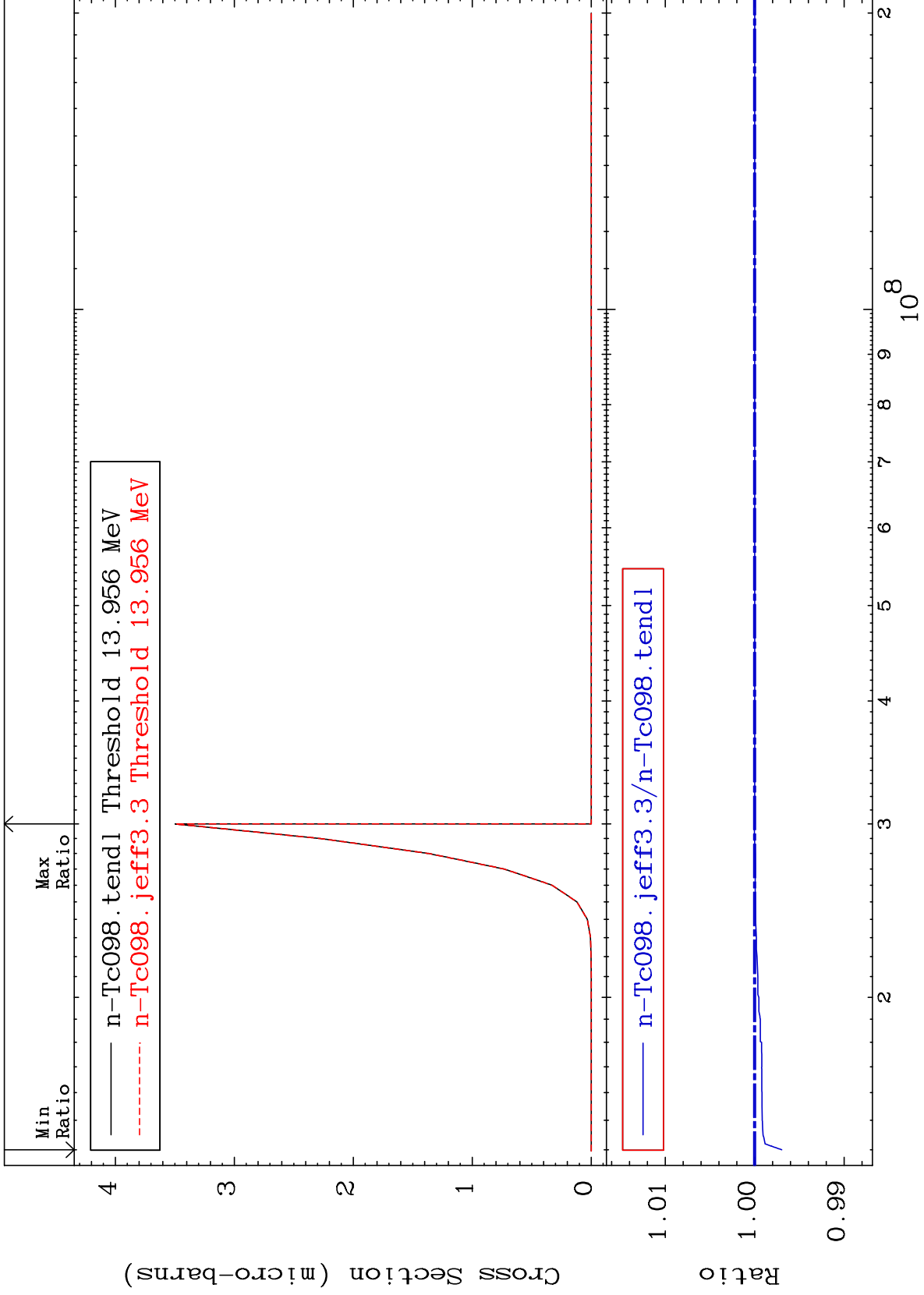


98

Incident Energy (eV)

43-Tc-98

Radionuclide Production Cross Section -0.302 To 0.005 %

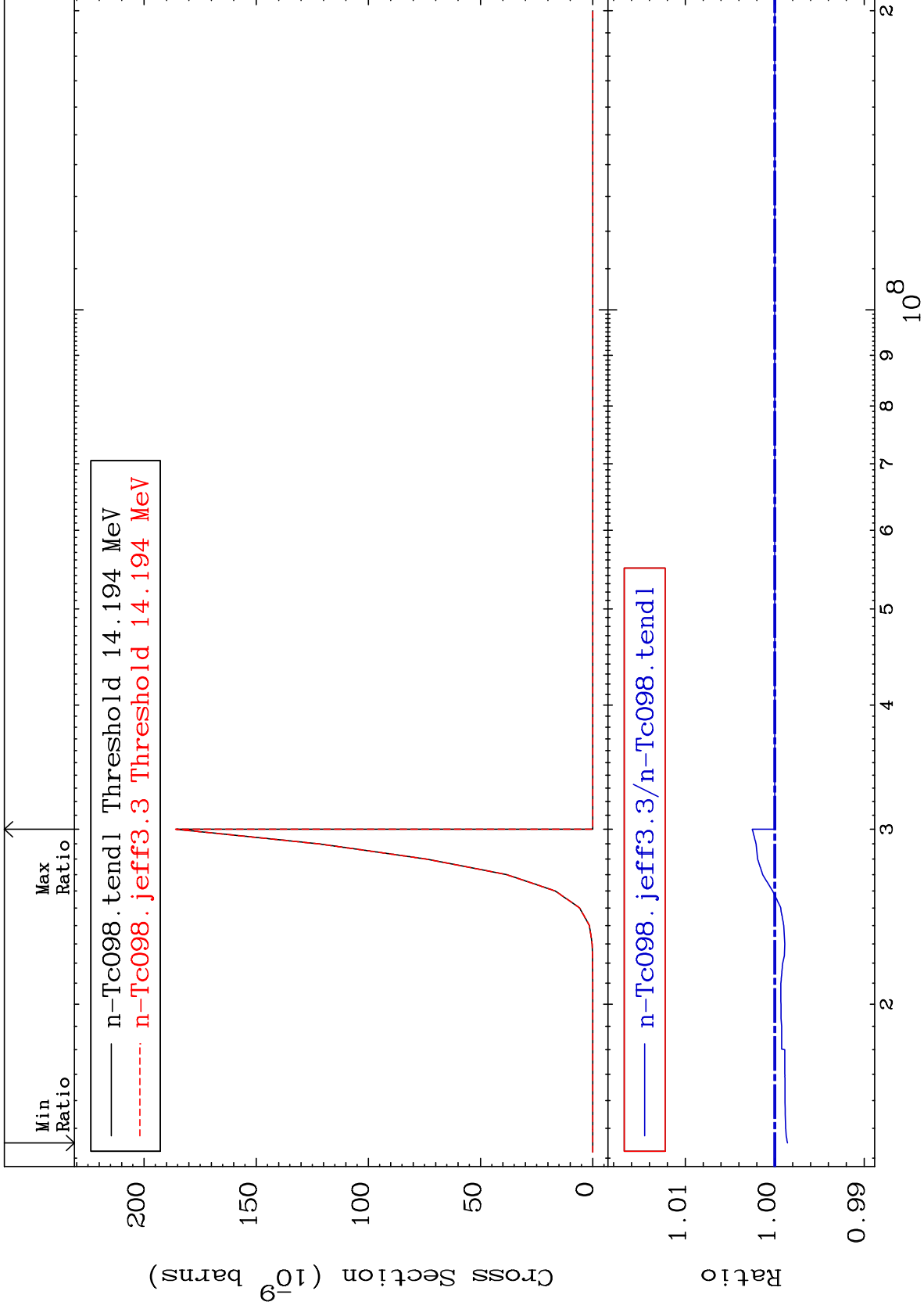


MAT 4322

(n, p) t:41-Nb-95m1

43-Tc-98

Radionuclide Production Cross Section -0.142 To 0.251 %



100

Incident Energy (eV)

43-Tc-98