

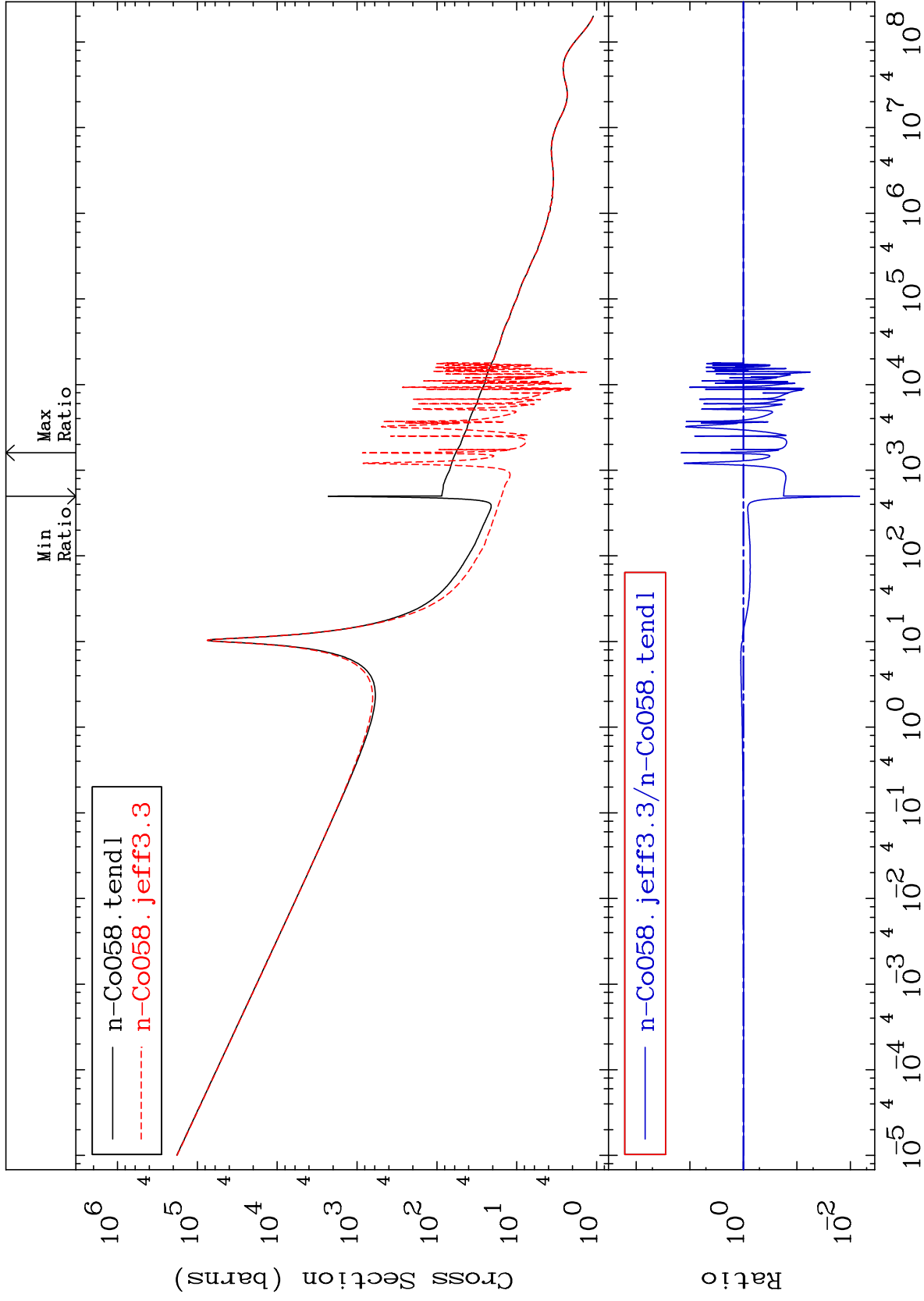
MAT 2722

Total

27-Co-58

Cross Section

-99.32 To 1375. %



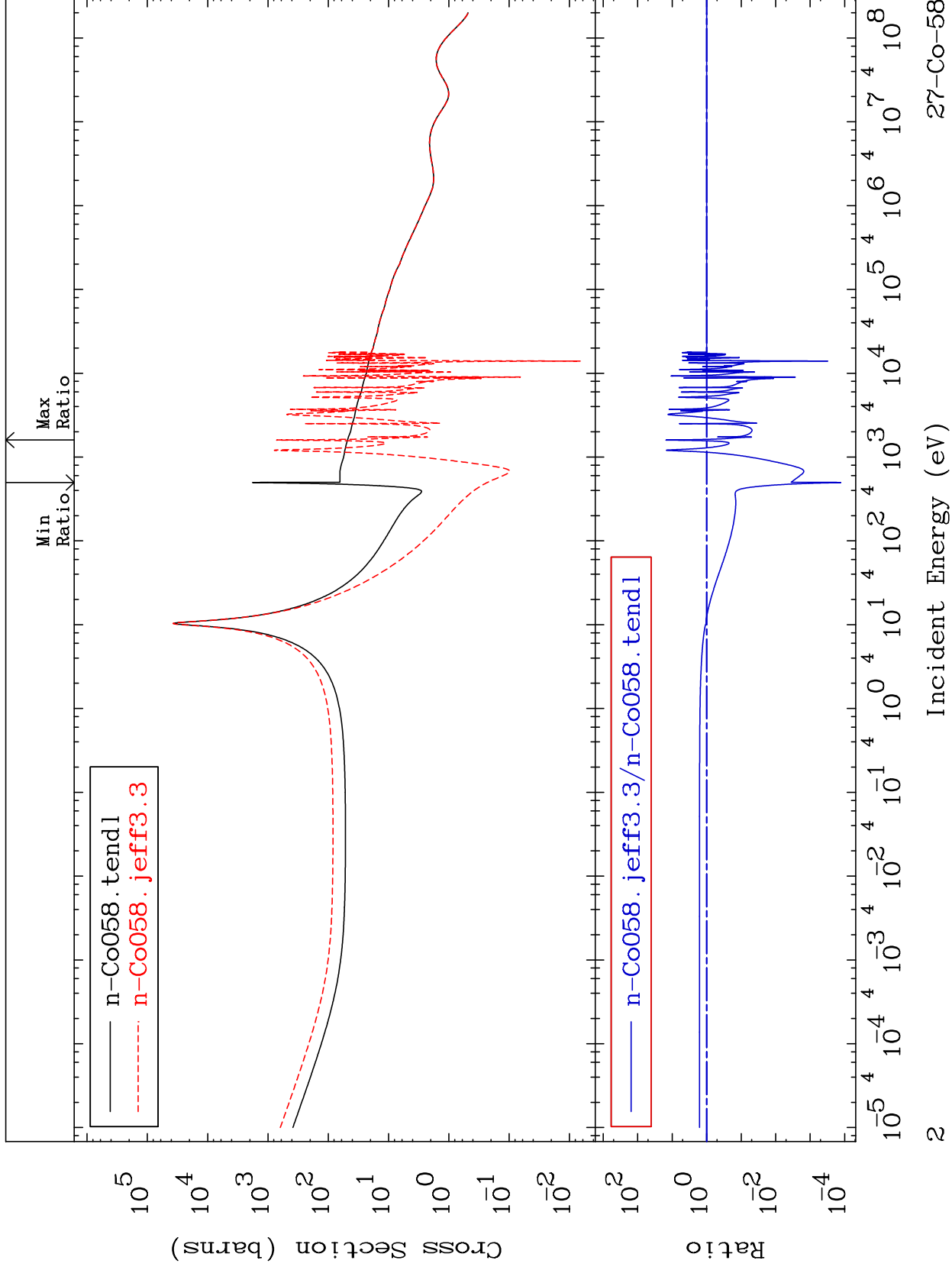
Incident Energy (eV)

27-Co-58

MAT 2722

Elastic  
Cross Section

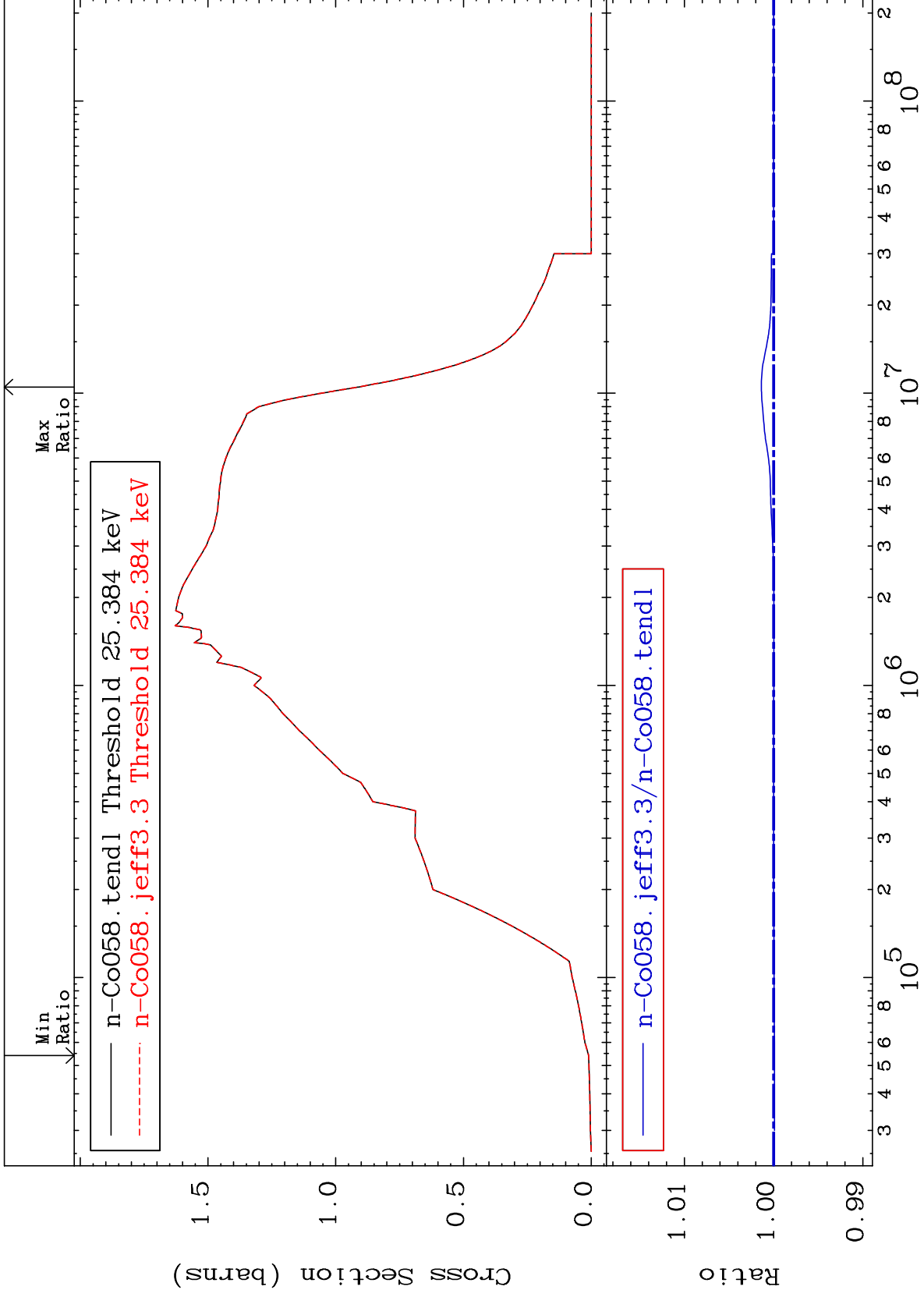
27-Co-58  
-99.99 To 1415. %



MAT 2722

Inelastic  
Cross Section

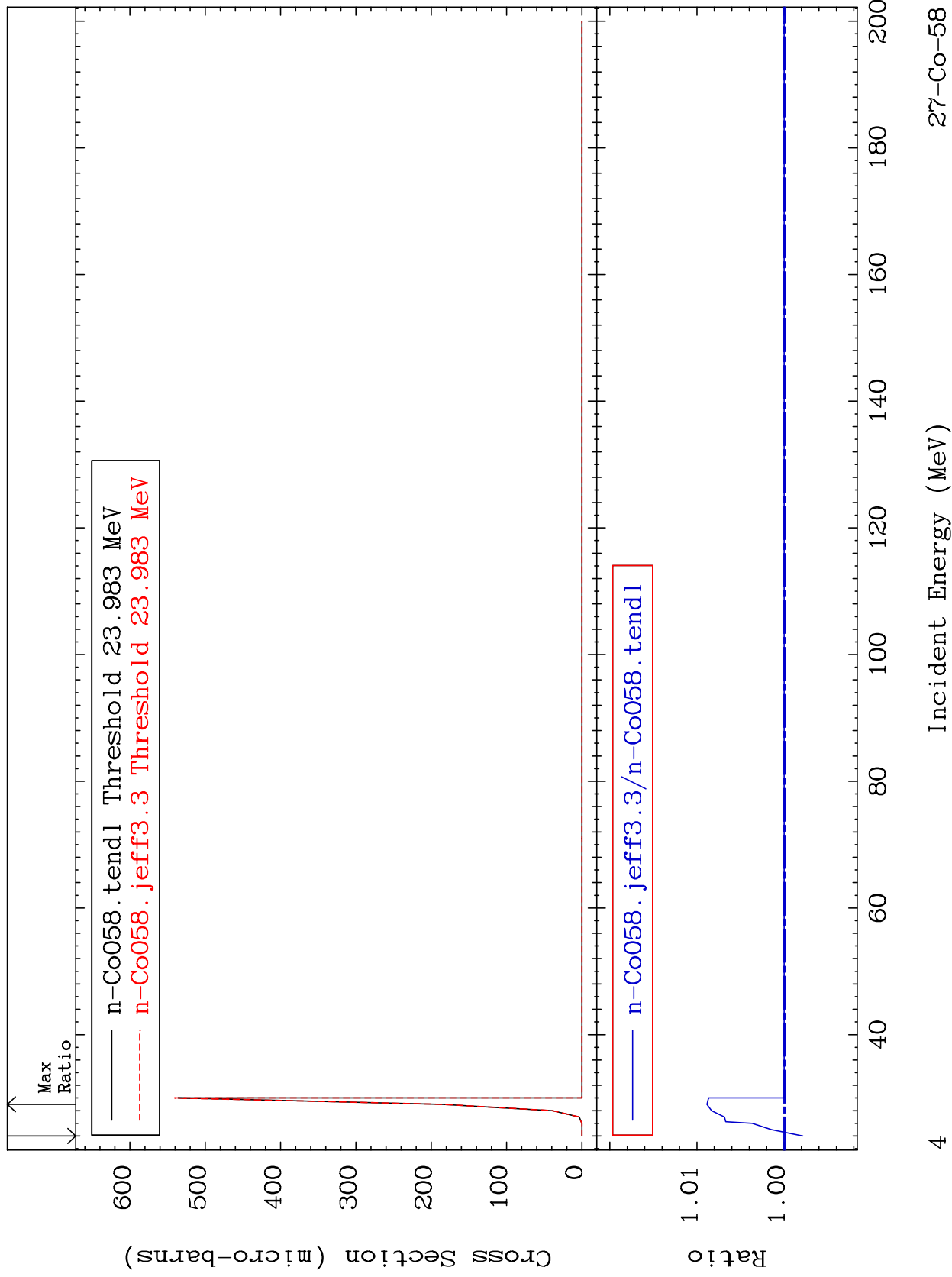
27-Co-58  
-0.011 To 0.138 %



MAT 2722

(n,2n) d  
Cross Section

27-Co-58  
-0.216 To 0.885 %



MAT 2722

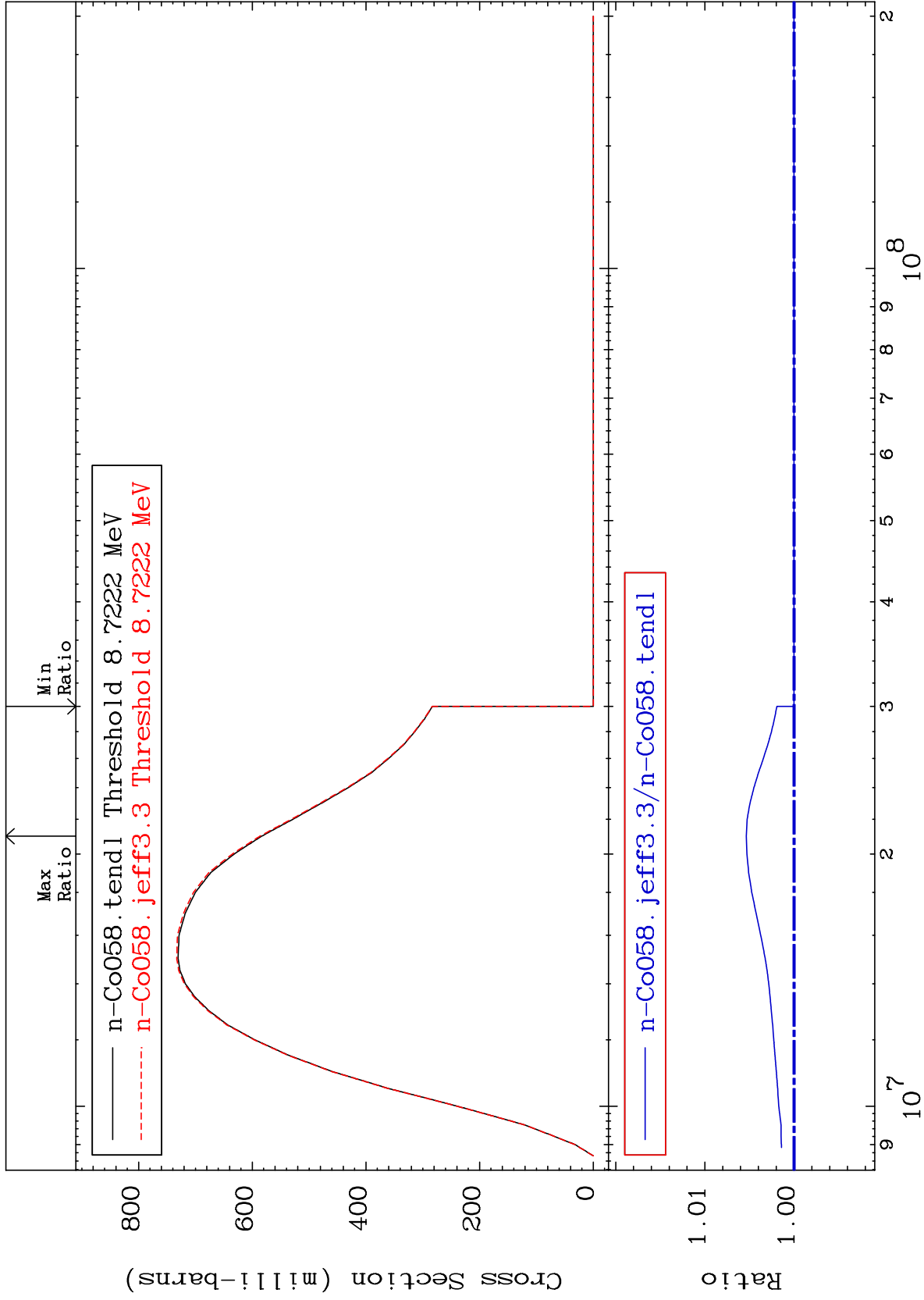
(n,2n)

<sup>27</sup>Co-58

0.000

To 0.536 %

Cross Section



<sup>27</sup>Co-58

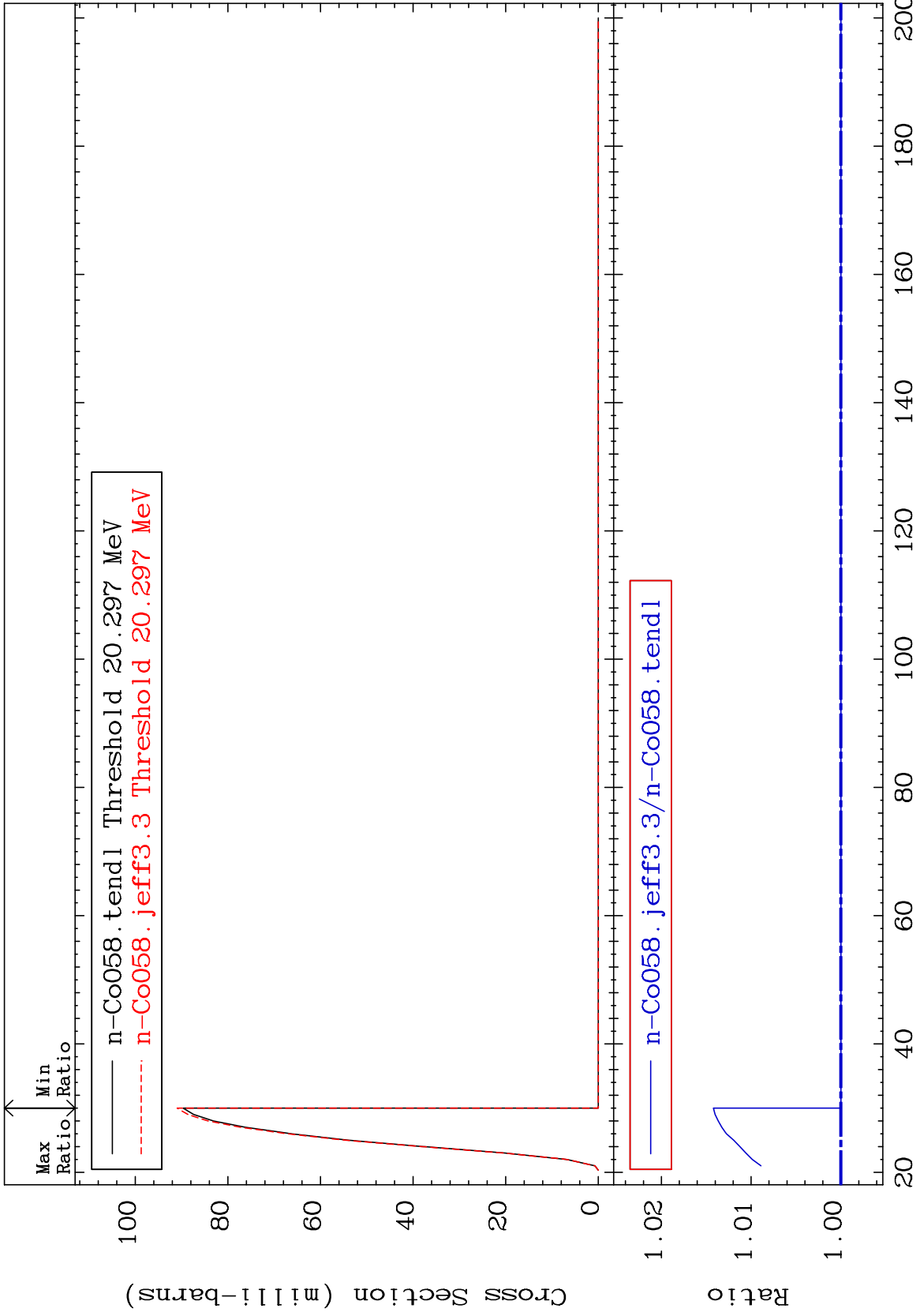
Incident Energy (eV)

5

MAT 2722

(n,3n)  
Cross Section

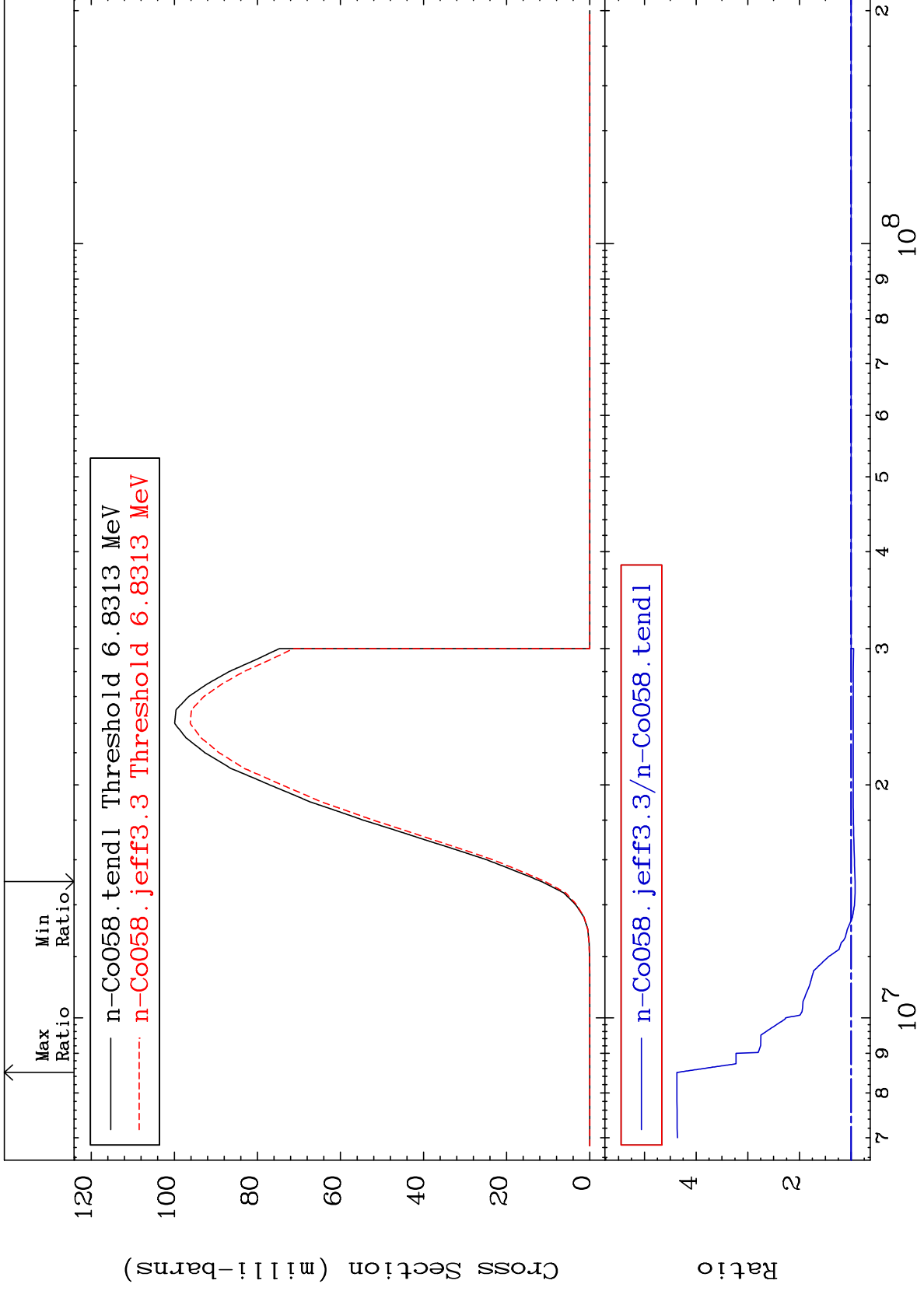
27-Co-58  
0.000 To 1.421 %



MAT 2722

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

27-Co-58  
-7.516 To 337.1 %



7

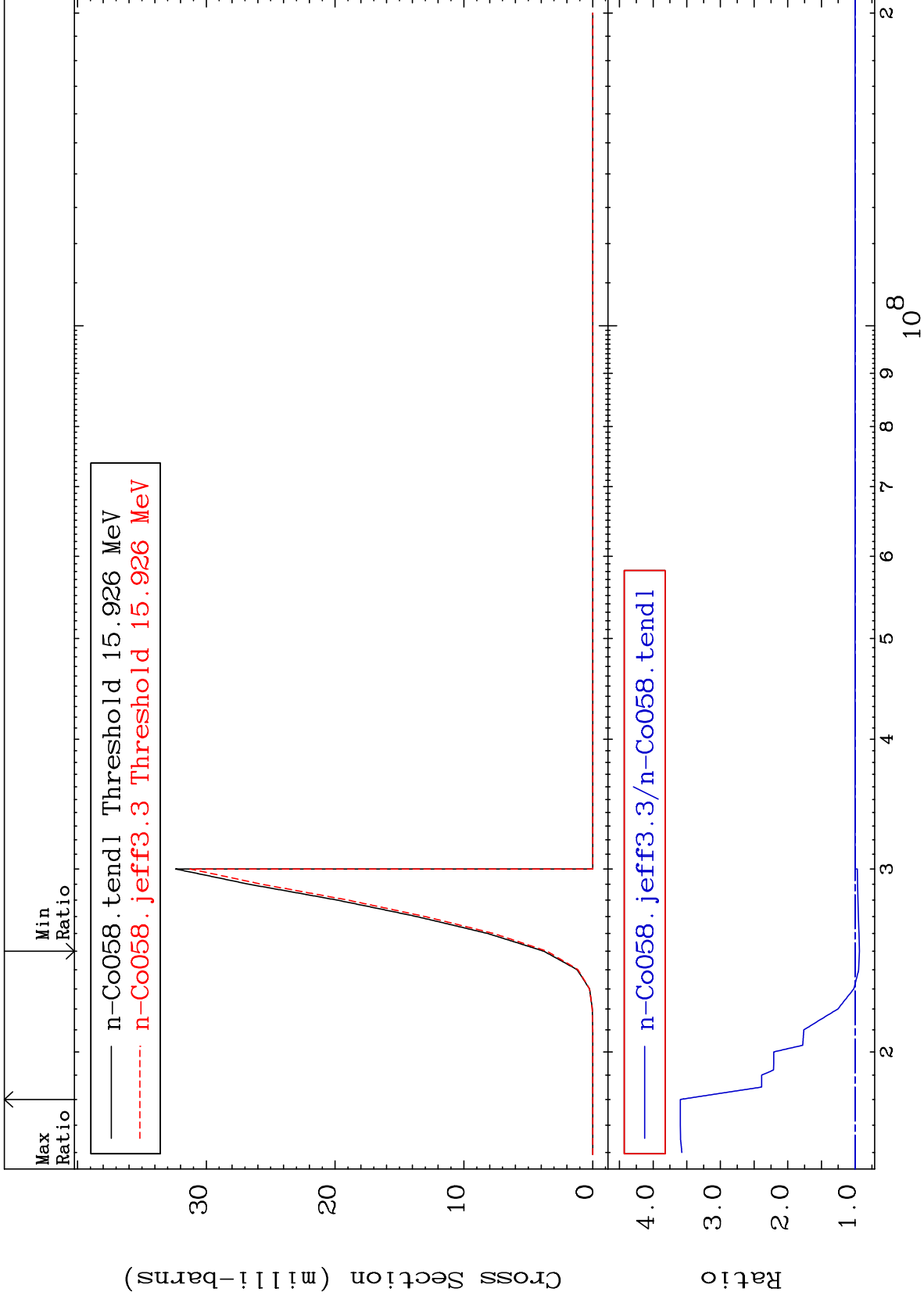
Incident Energy (eV)

27-Co-58

MAT 2722

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

27-Co-58  
-6.489 To 259.5 %

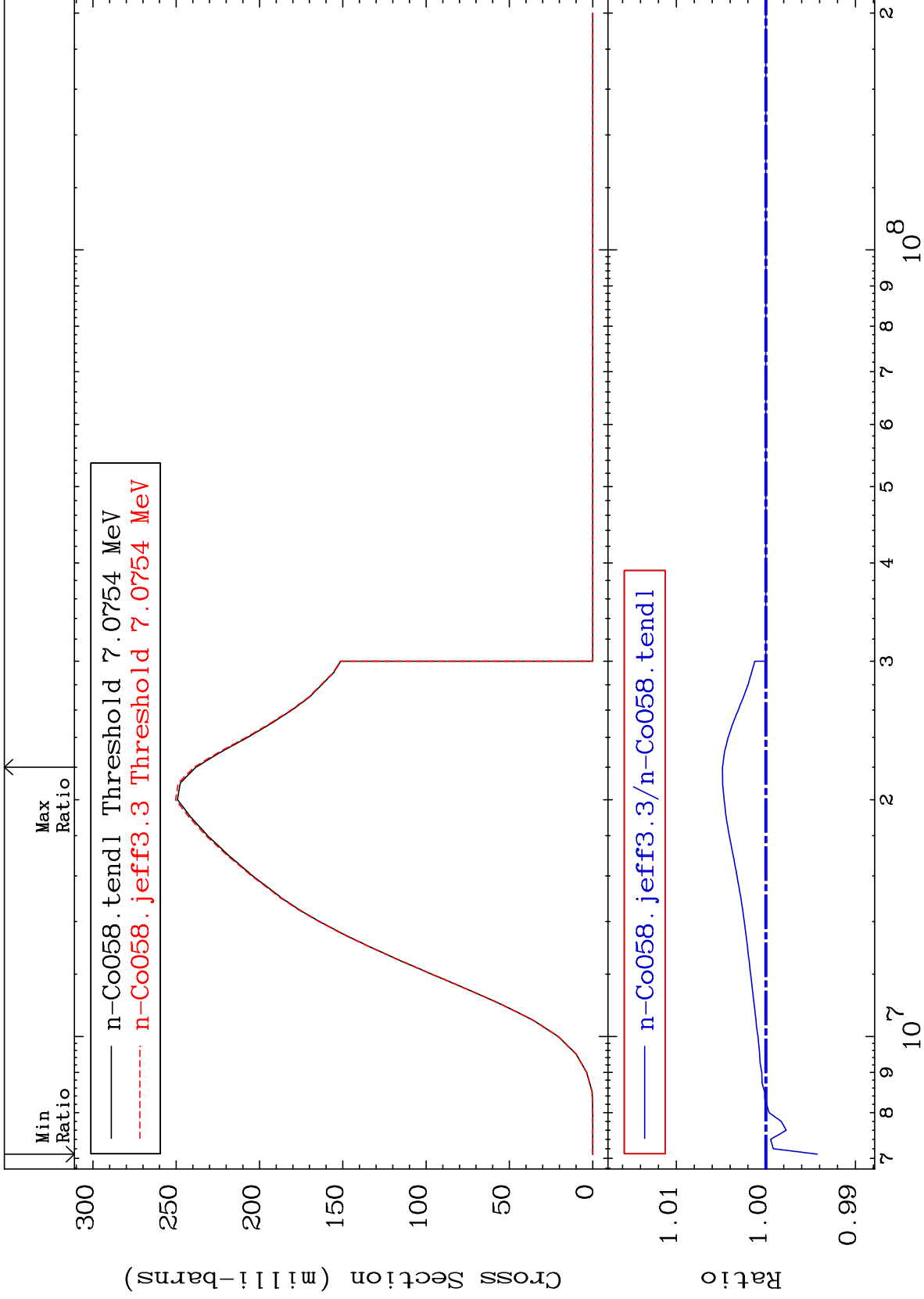




MAT 2722

(n,n') p  
Cross Section

27-Co-58  
-0.574 To 0.484 %



9

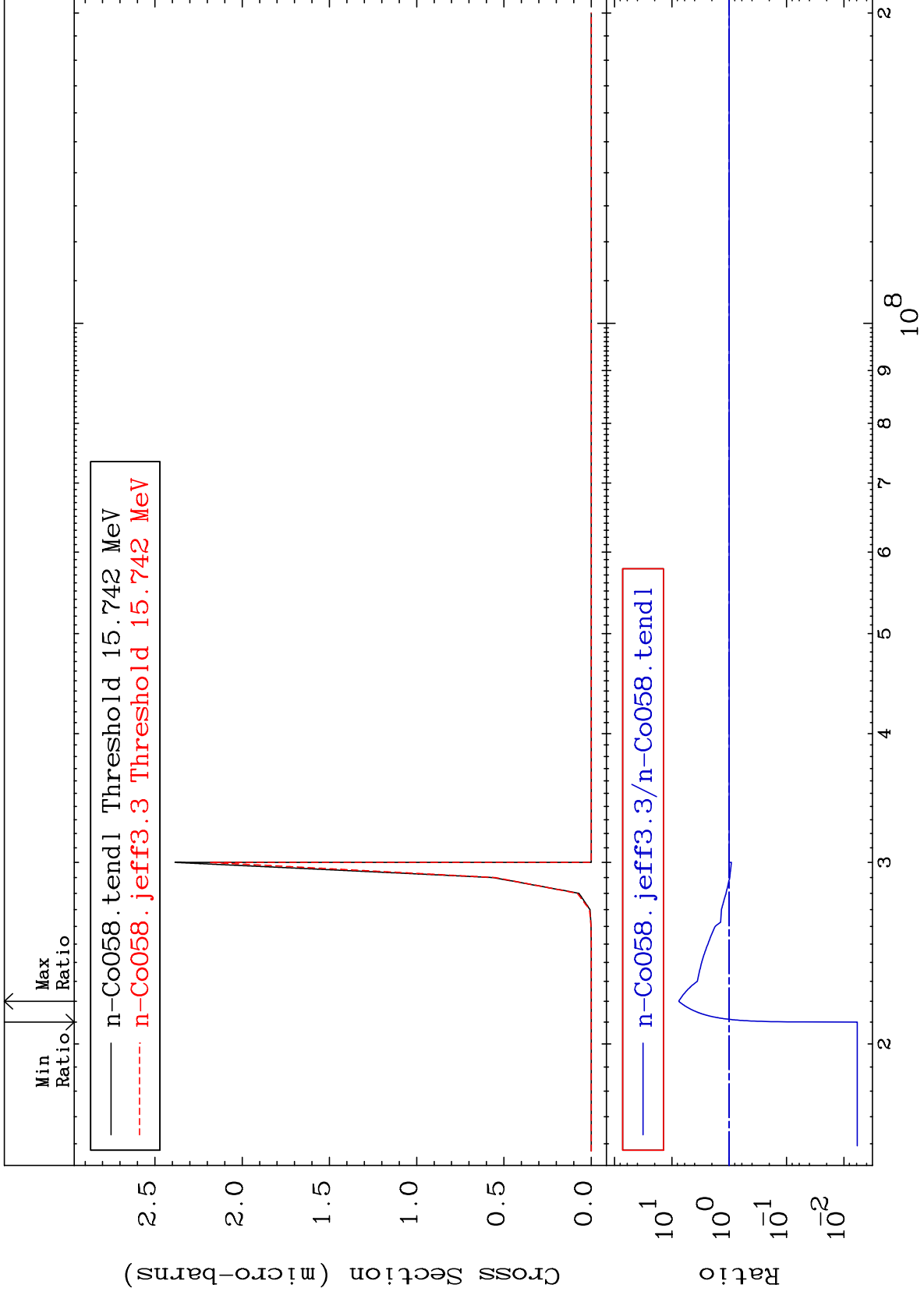
Incident Energy (eV)

27-Co-58

MAT 2722

(n, n') 2α  
Cross Section

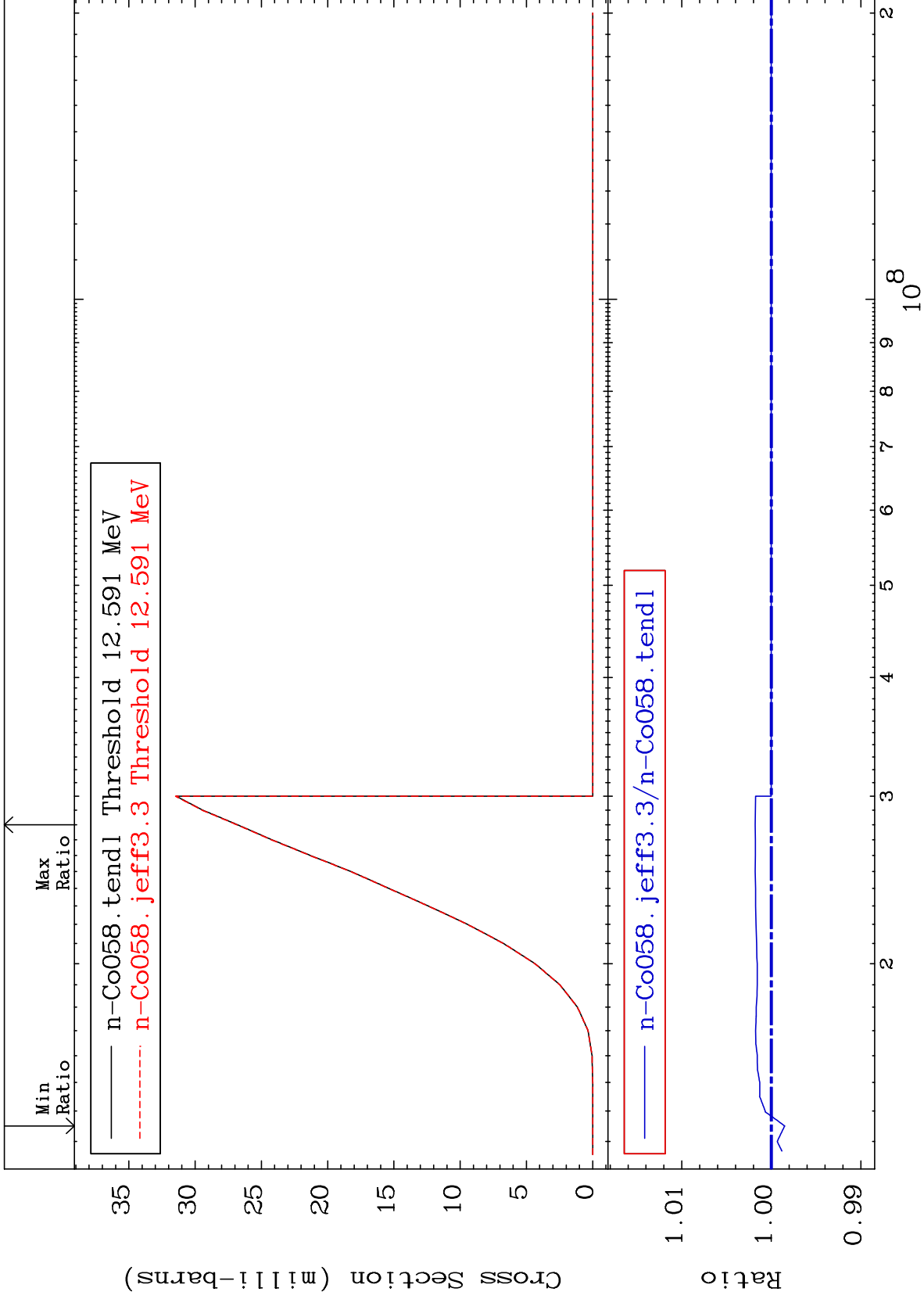
27-Co-58  
-99.42 To 662.6 %



10

Incident Energy (eV)

27-Co-58



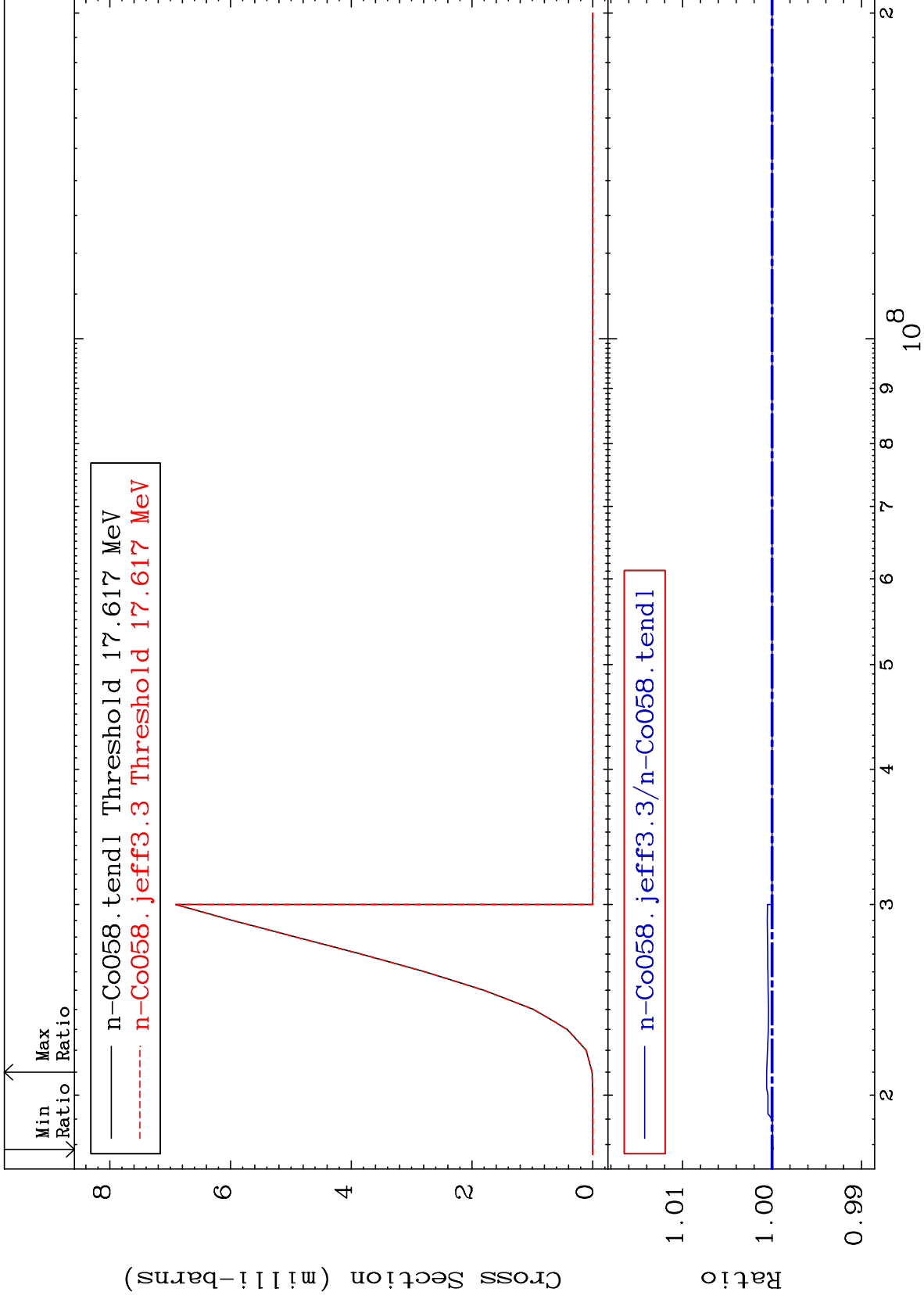
MAT 2722

(n,n') t

27-Co-58

Cross Section

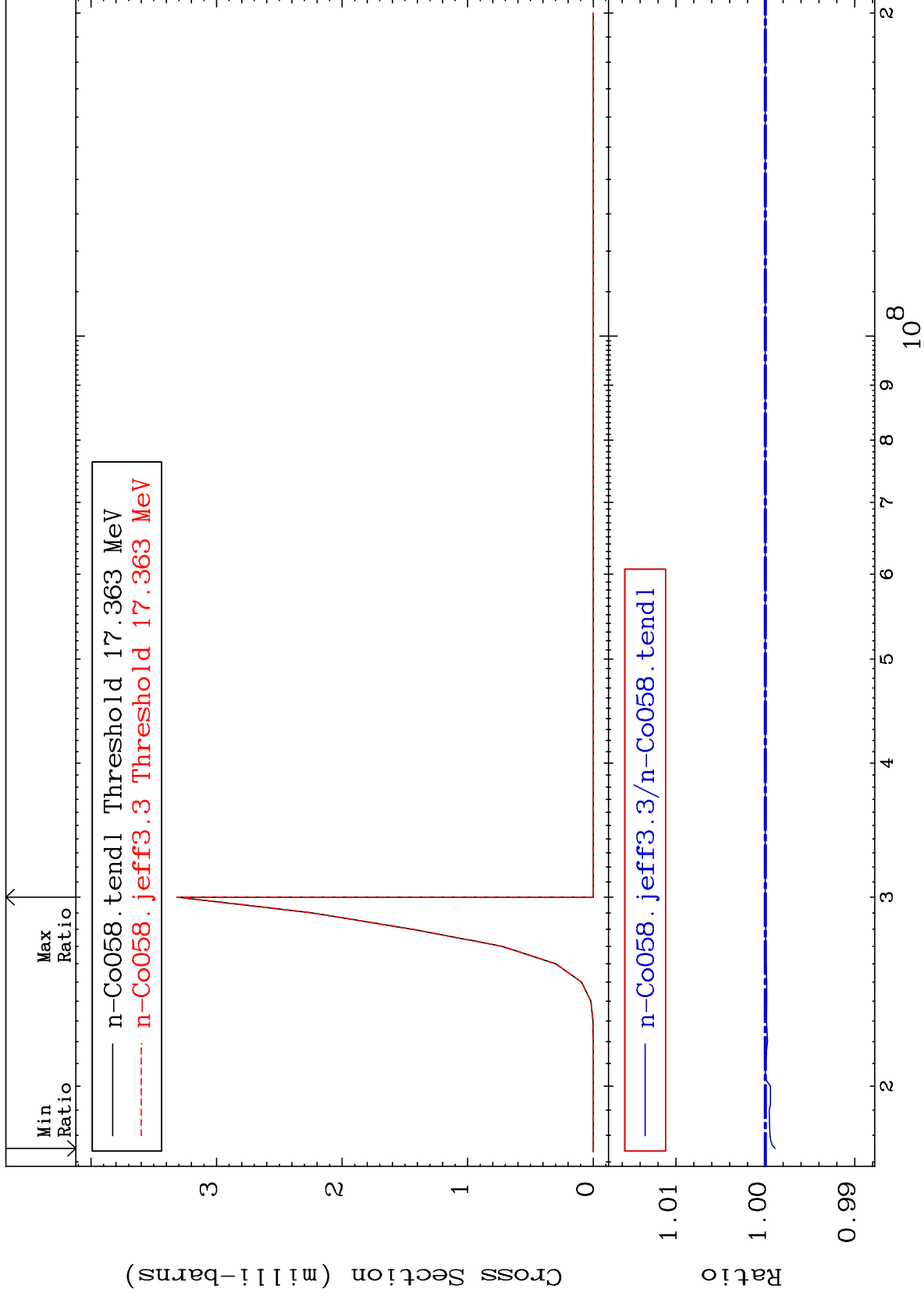
-0.012 To 0.060 %



12

Incident Energy (eV)

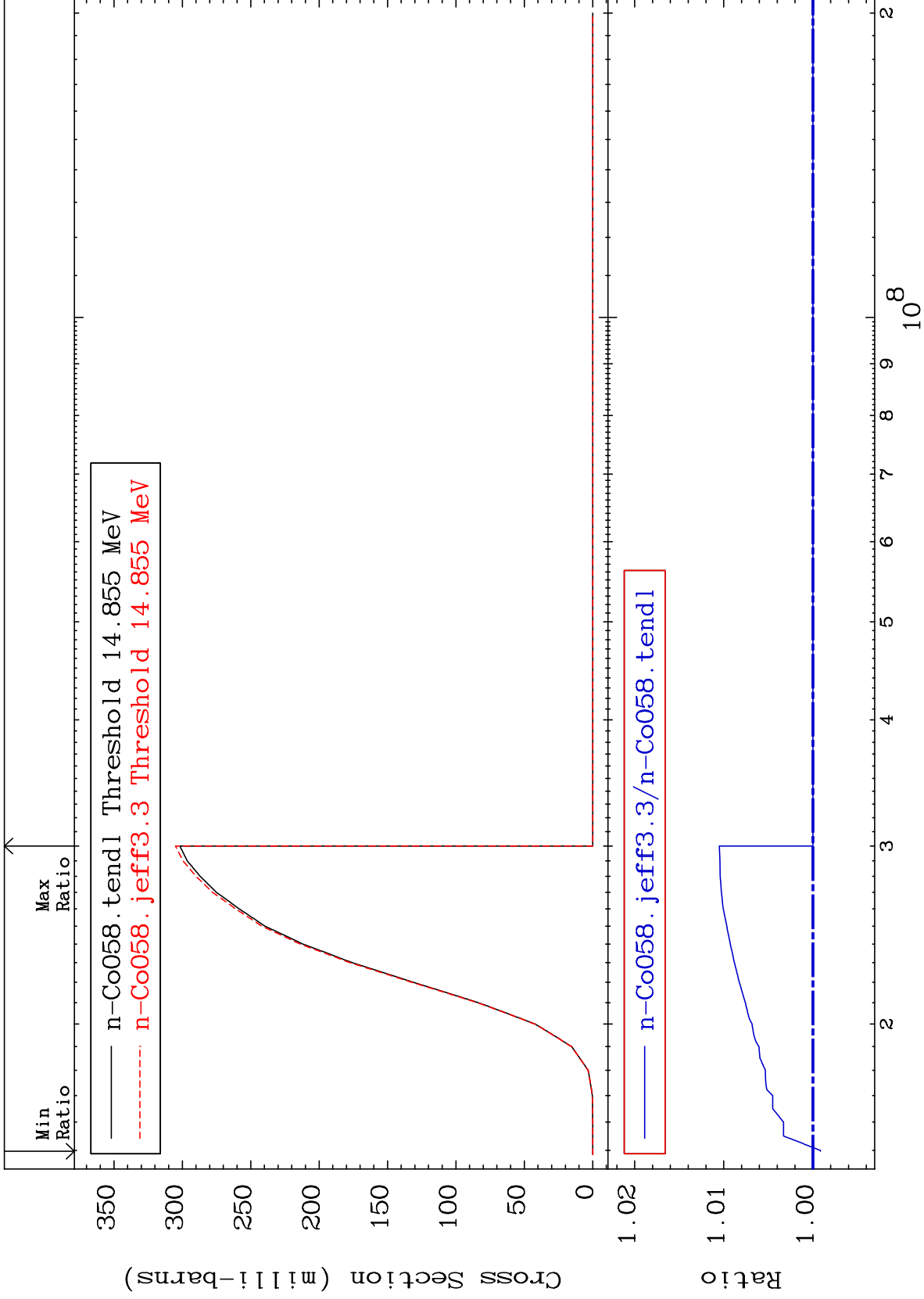
27-Co-58



MAT 2722

(n,2n) p  
Cross Section

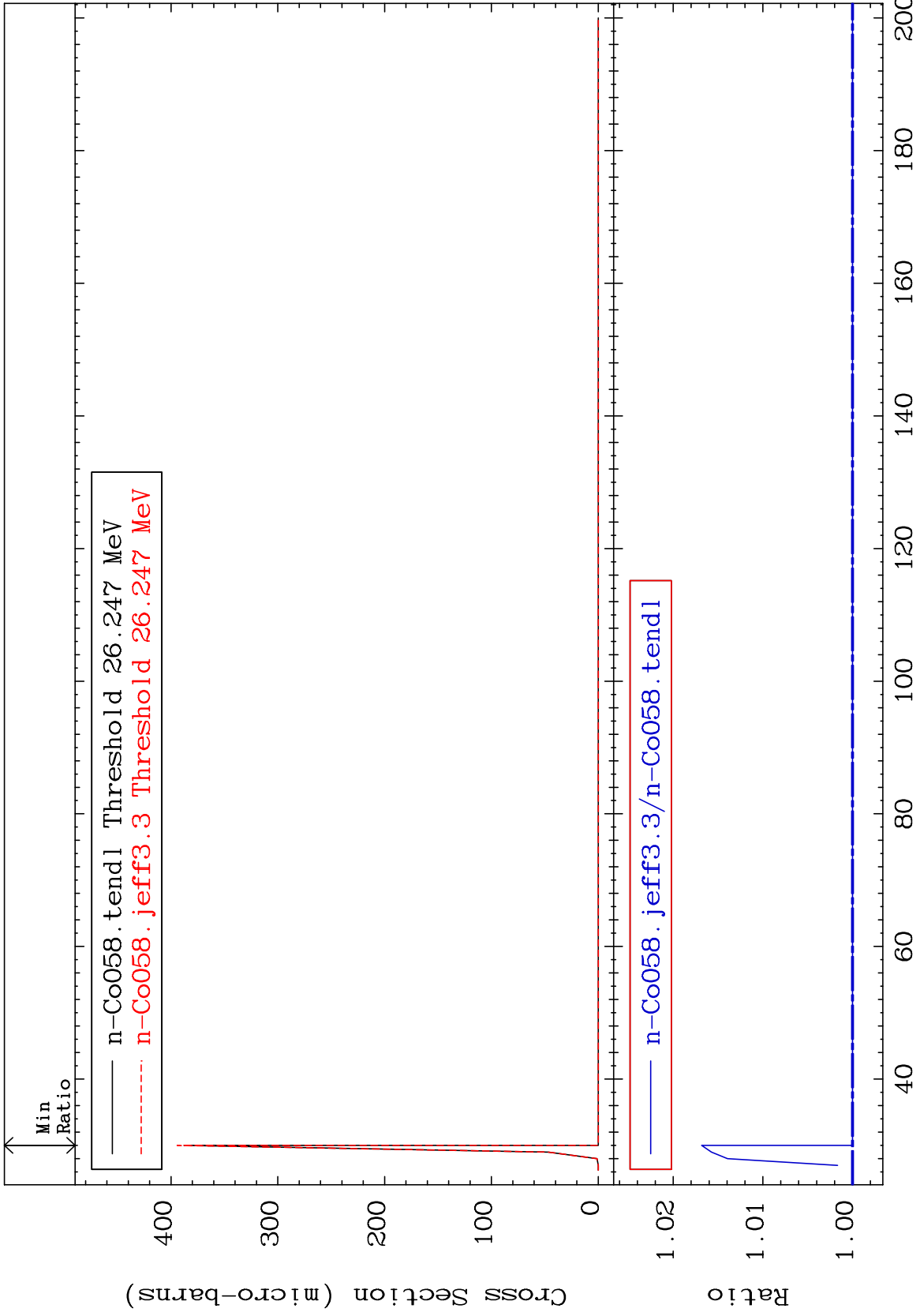
<sup>27</sup>Co-58  
-0.084 To 1.049 %



MAT 2722

(n,3n) p  
Cross Section

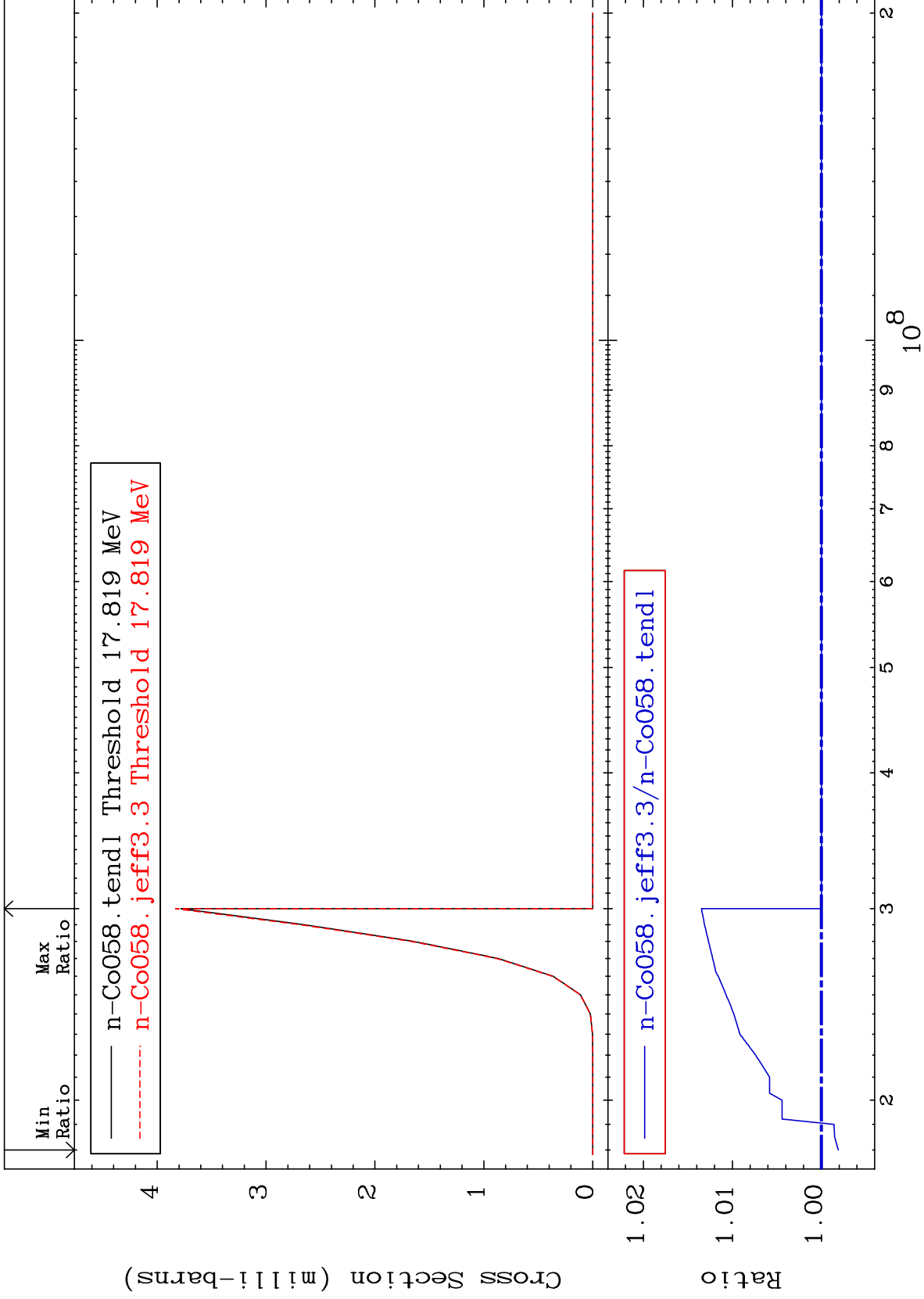
27-Co-58  
0.000 To 1.683 %



MAT 2722

(n,2n) p  
Cross Section

<sup>27</sup>Co-58  
-0.190 To 1.347 %

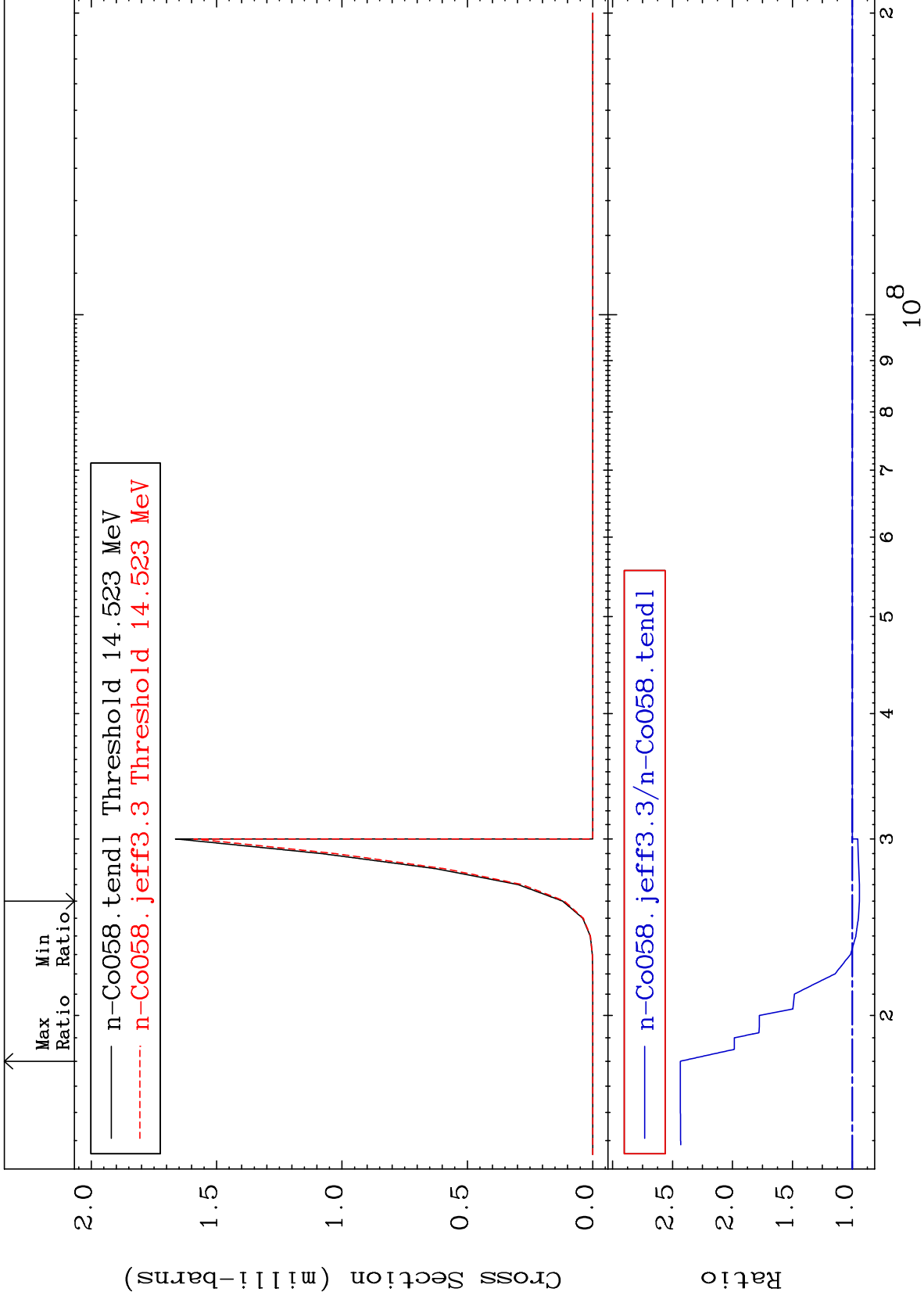


16

Incident Energy (eV)

<sup>27</sup>Co-58

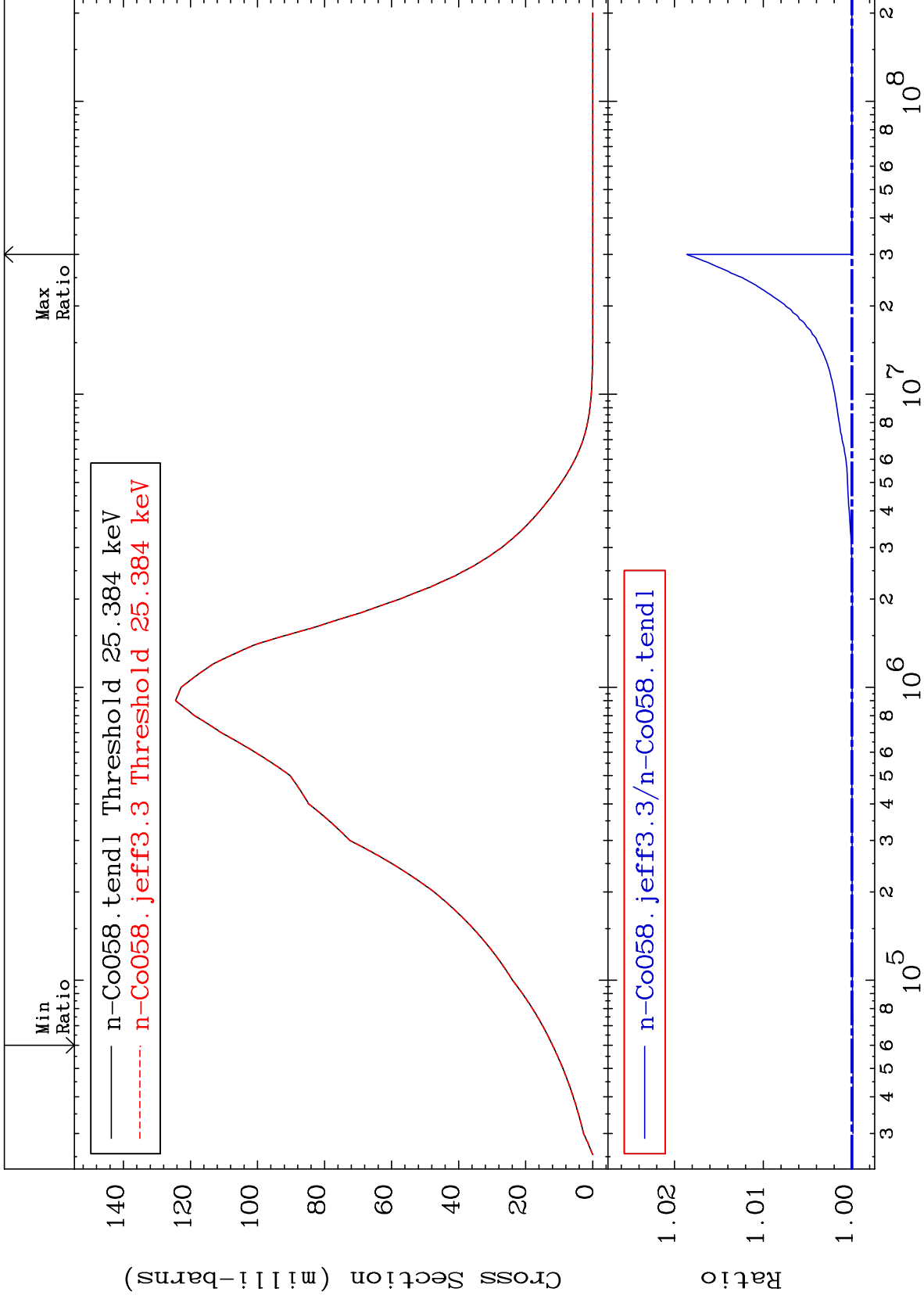




MAT 2722

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

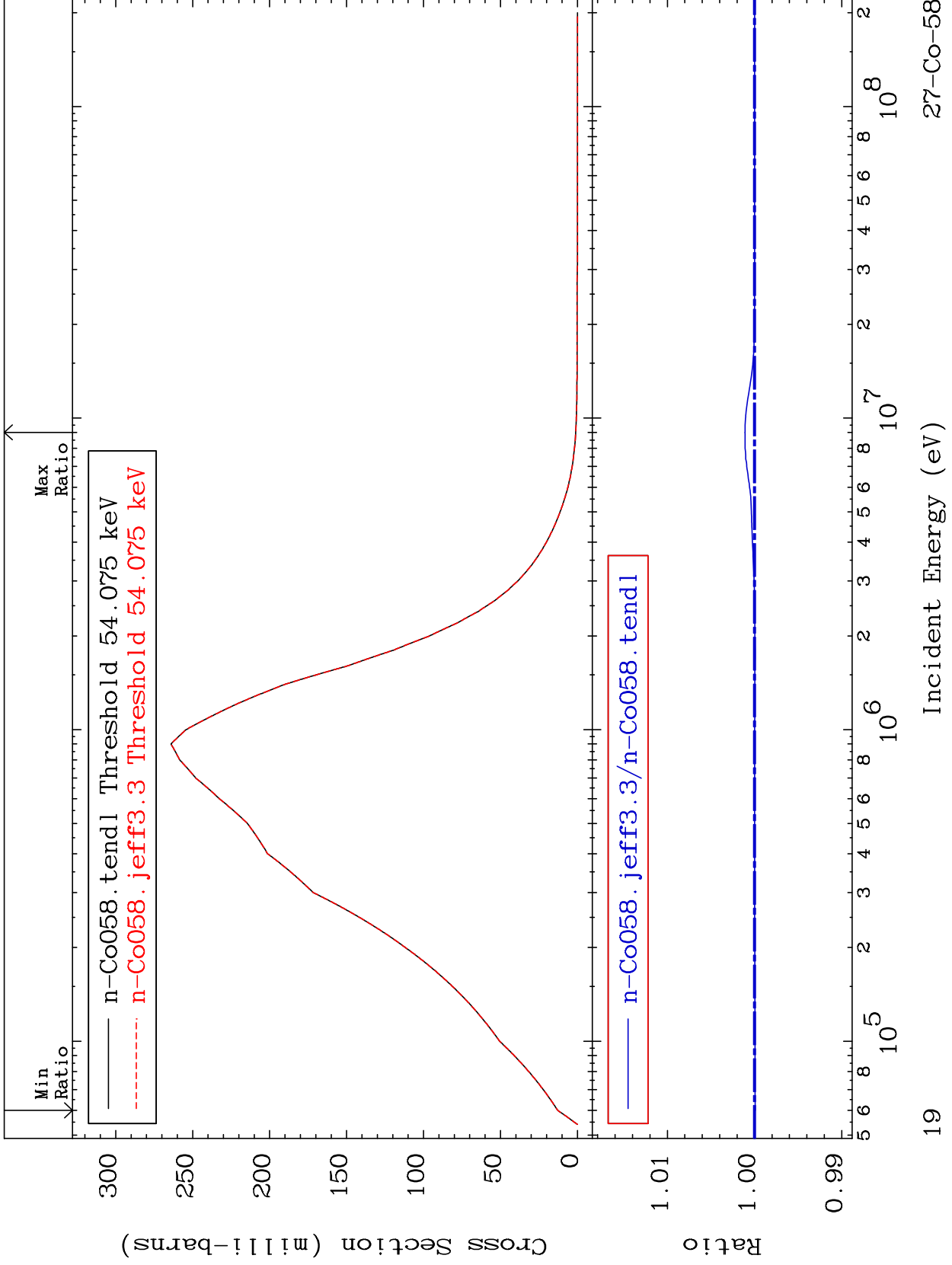
27-Co-58  
-0.011 To 1.861 %



MAT 2722

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

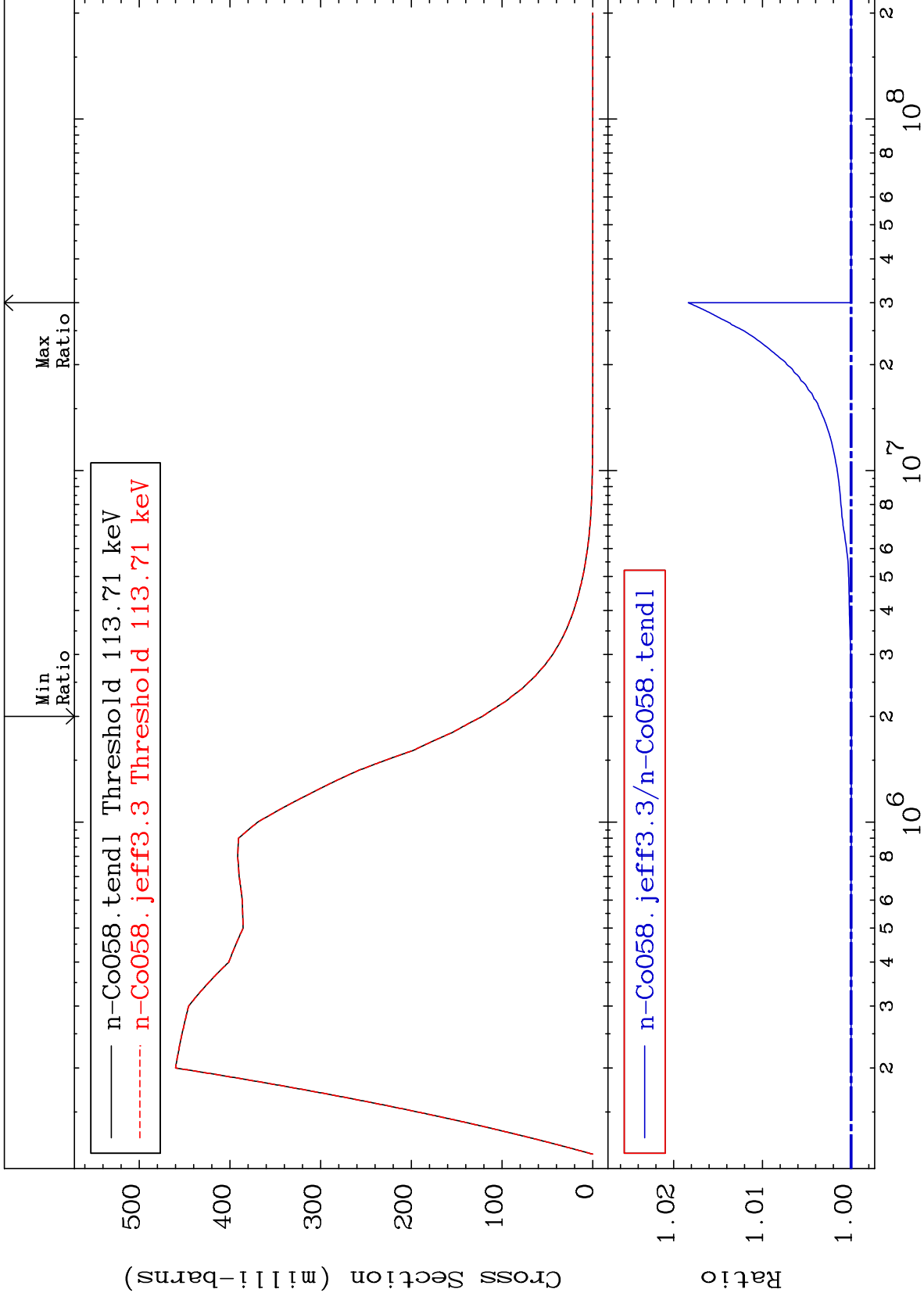
27-Co-58  
-0.007 To 0.110 %



MAT 2722

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

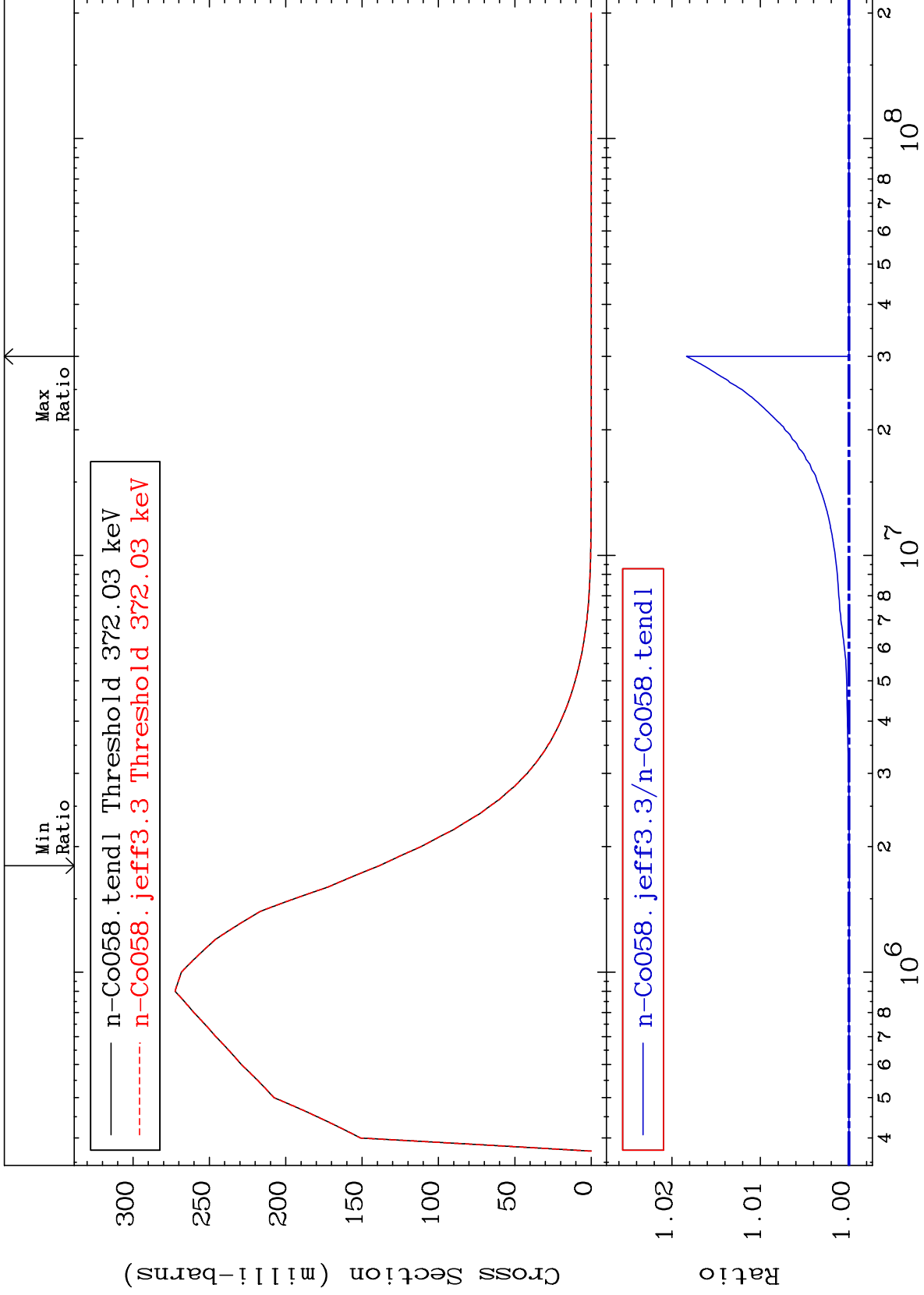
27-Co-58  
-0.004 To 1.835 %



MAT 2722

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

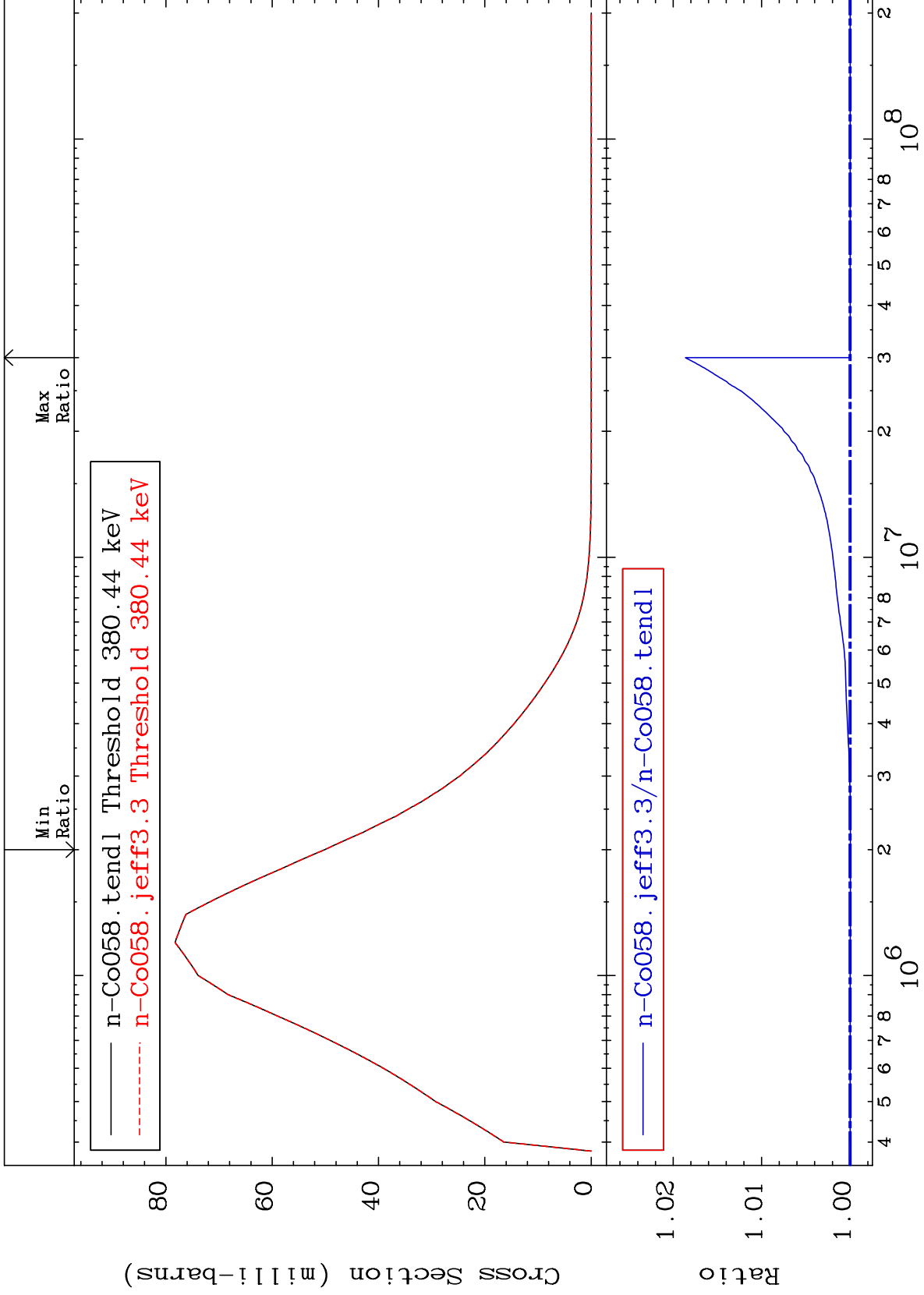
27-Co-58  
-0.004 To 1.834 %



MAT 2722

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

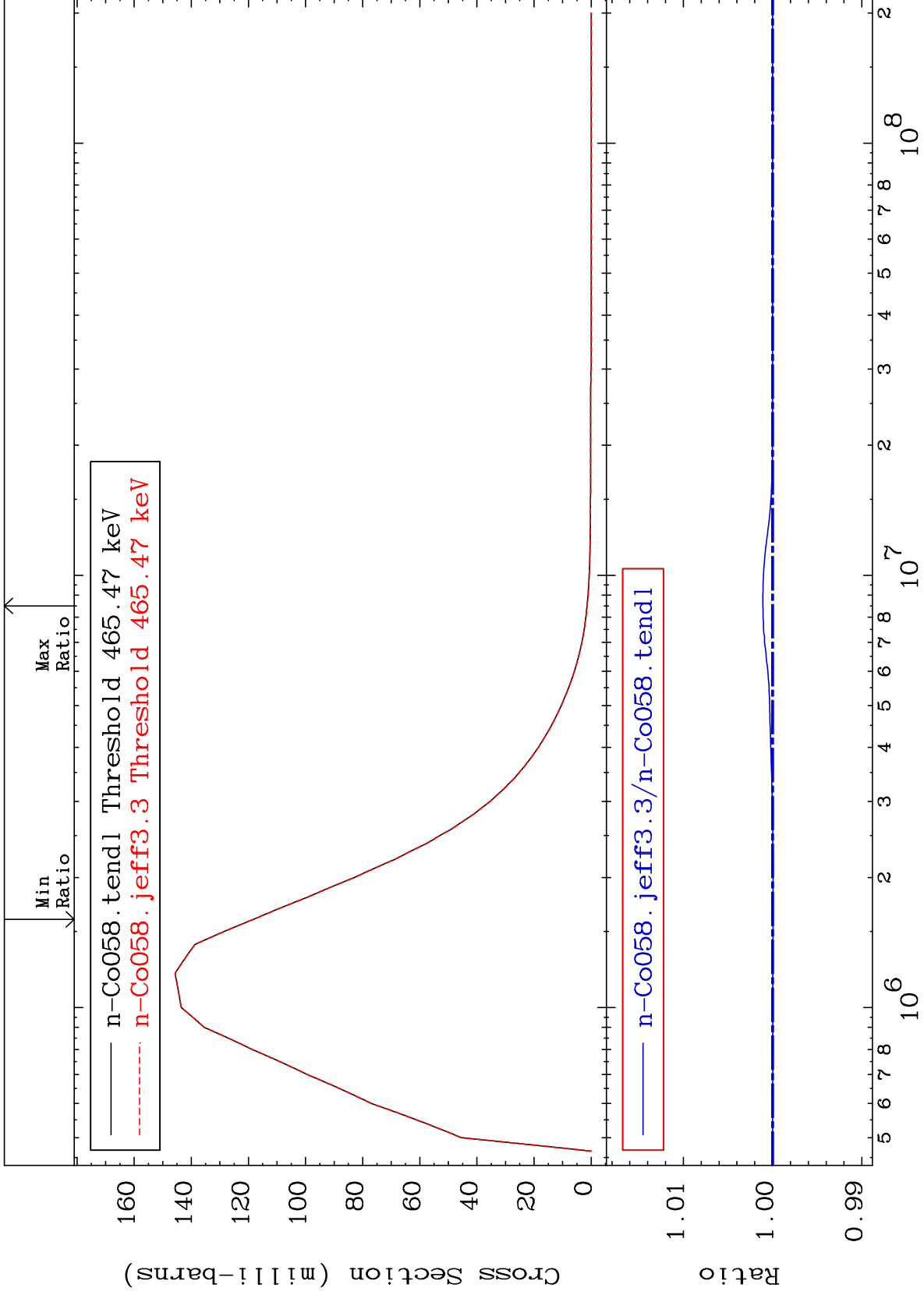
27-Co-58  
-0.004 To 1.861 %



MAT 2722

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

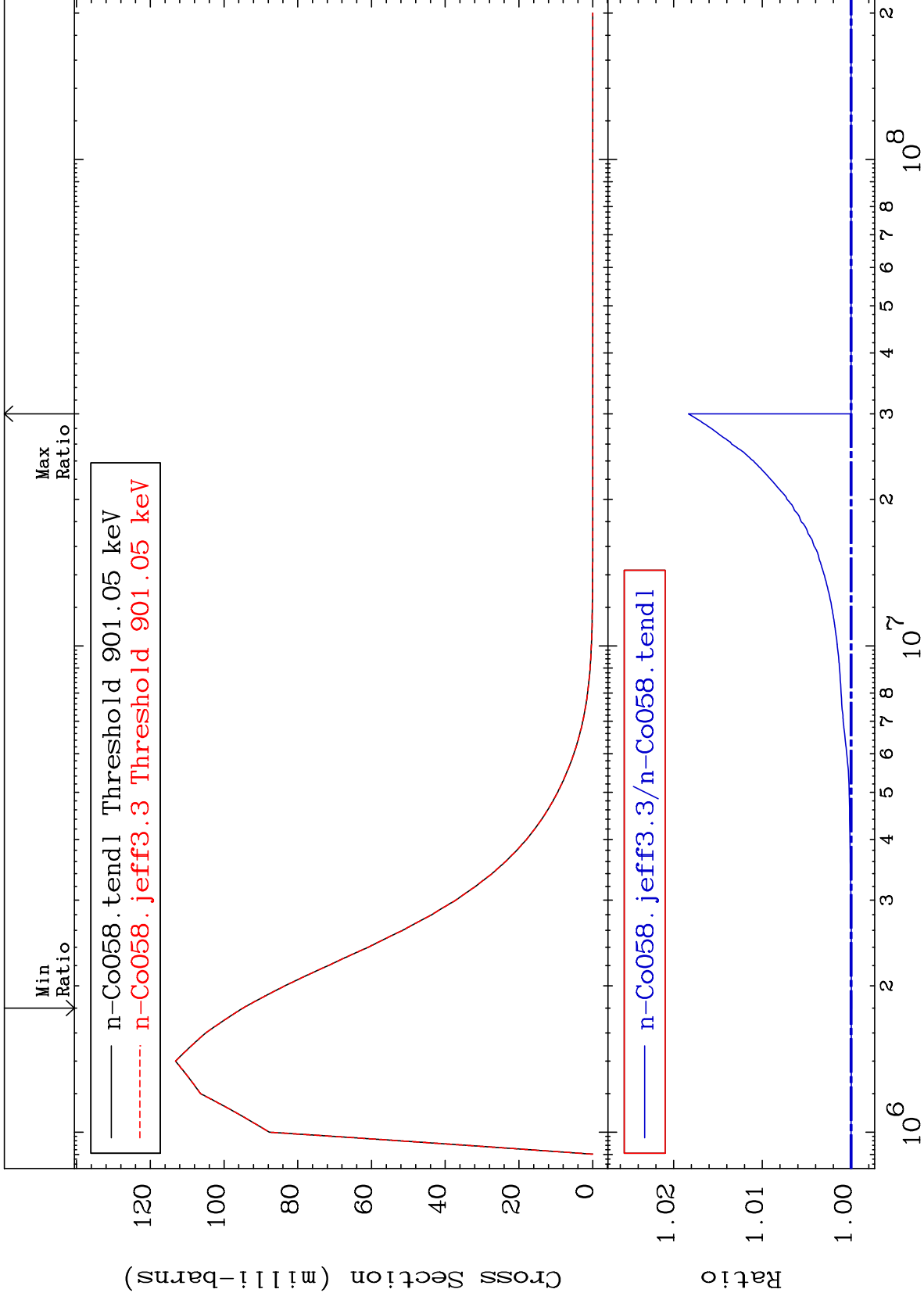
27-Co-58  
-0.004 To 0.109 %



MAT 2722

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

27-Co-58  
-0.004 To 1.833 %



24

Incident Energy (eV)

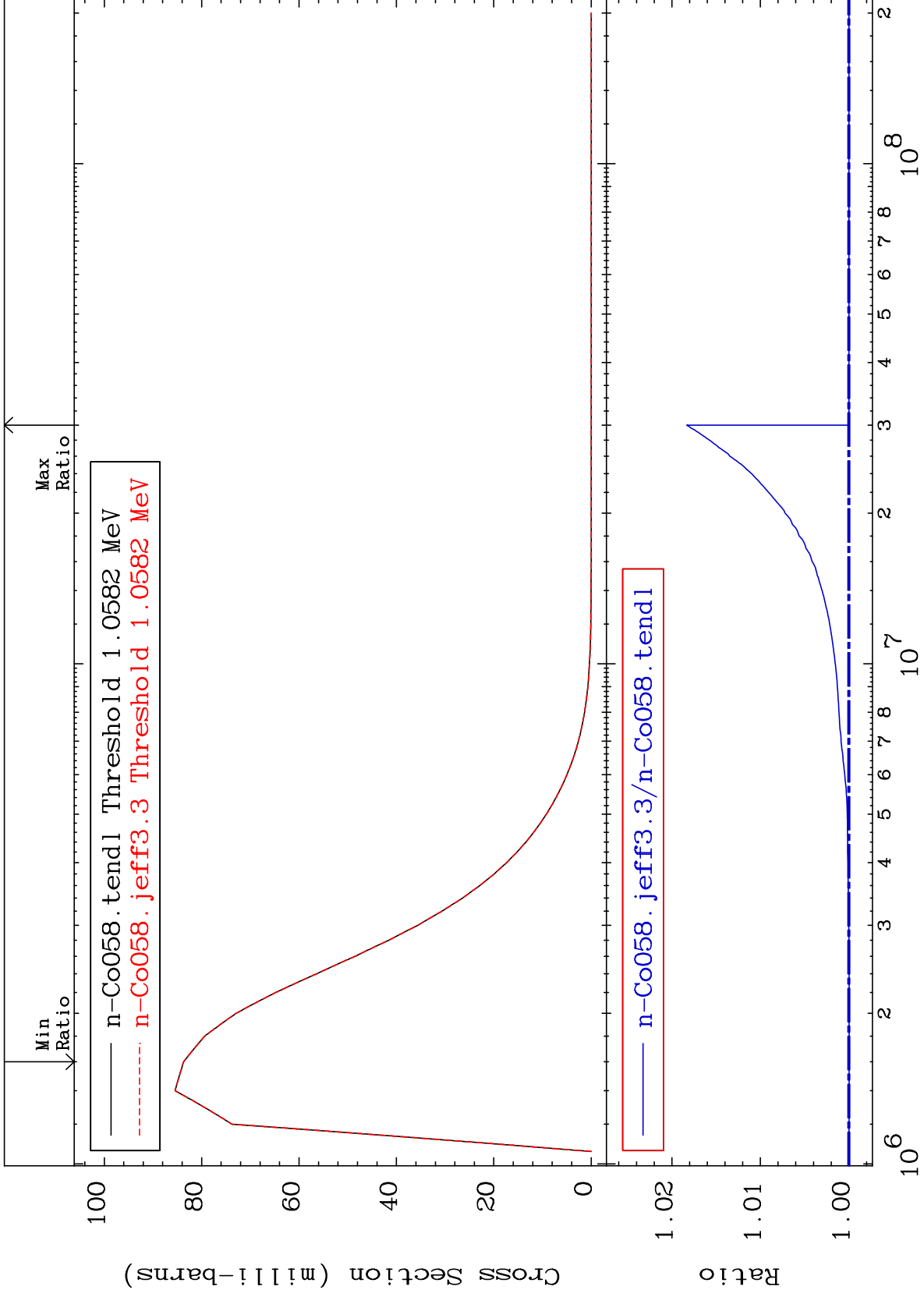
27-Co-58



MAT 2722

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

27-Co-58  
-0.004 To 1.833 %



25

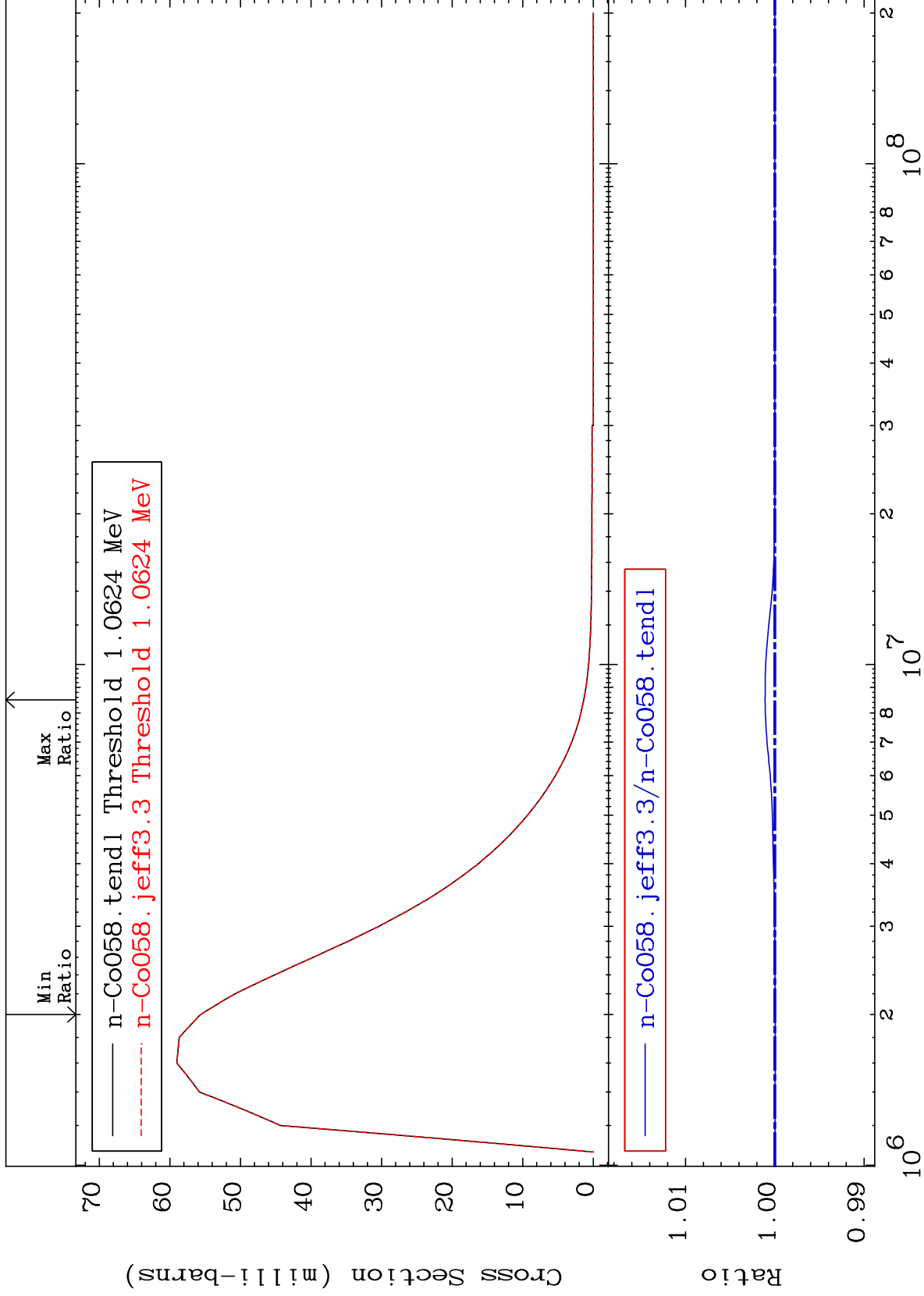
Incident Energy (eV)

27-Co-58

MAT 2722

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

27-Co-58  
-0.004 To 0.108 %



26

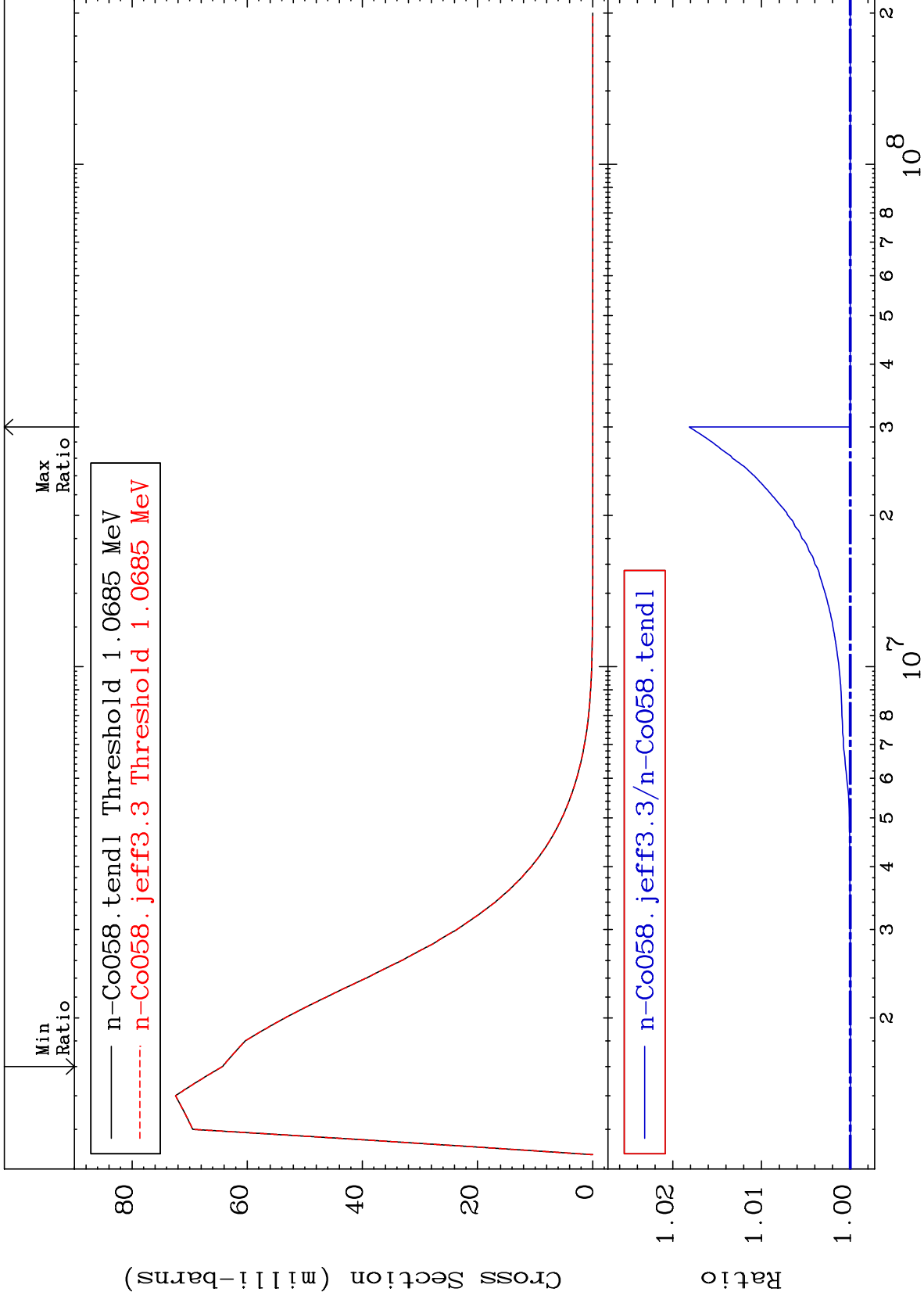
Incident Energy (eV)

27-Co-58

MAT 2722

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

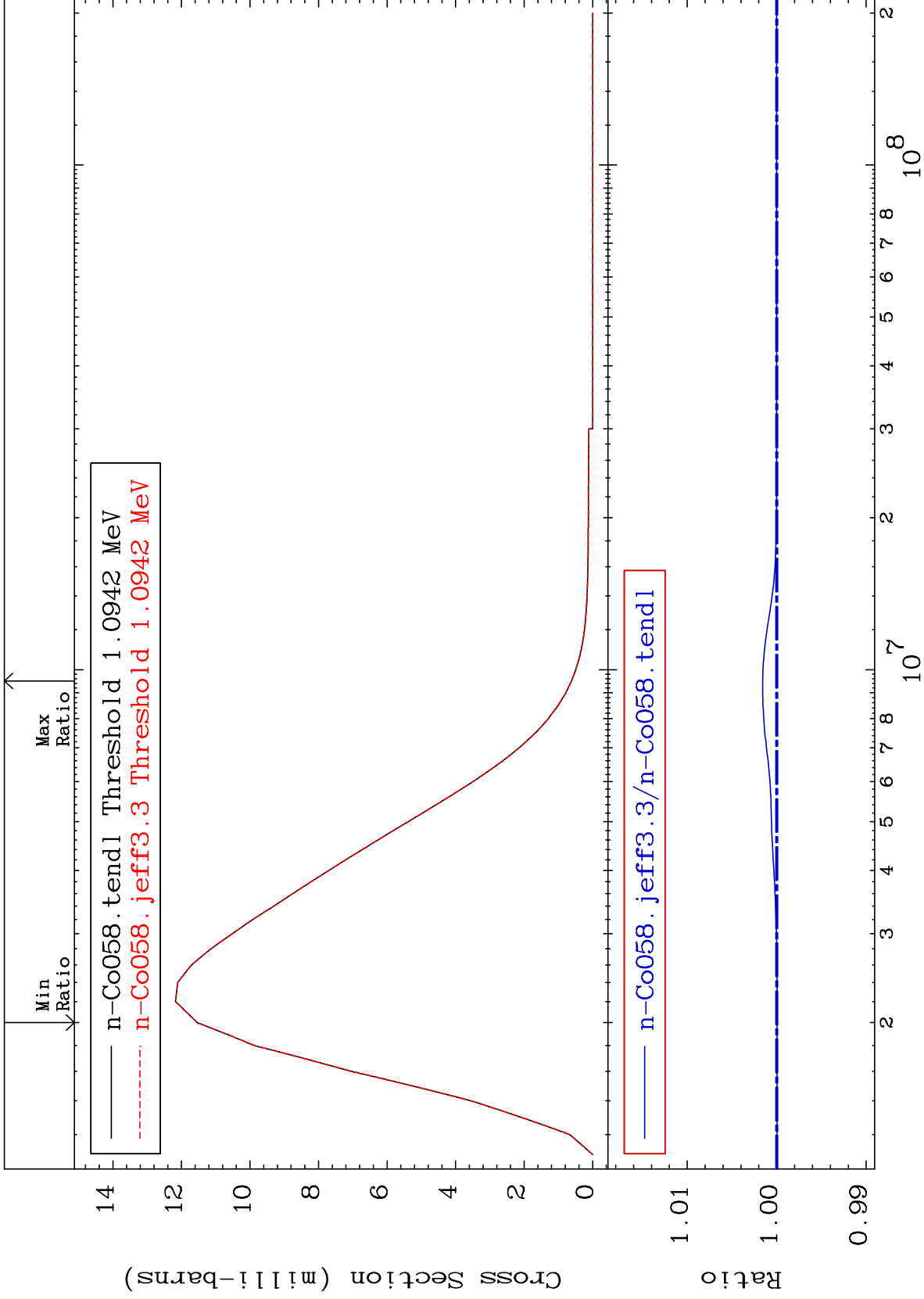
27-Co-58  
-0.004 To 1.815 %



MAT 2722

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

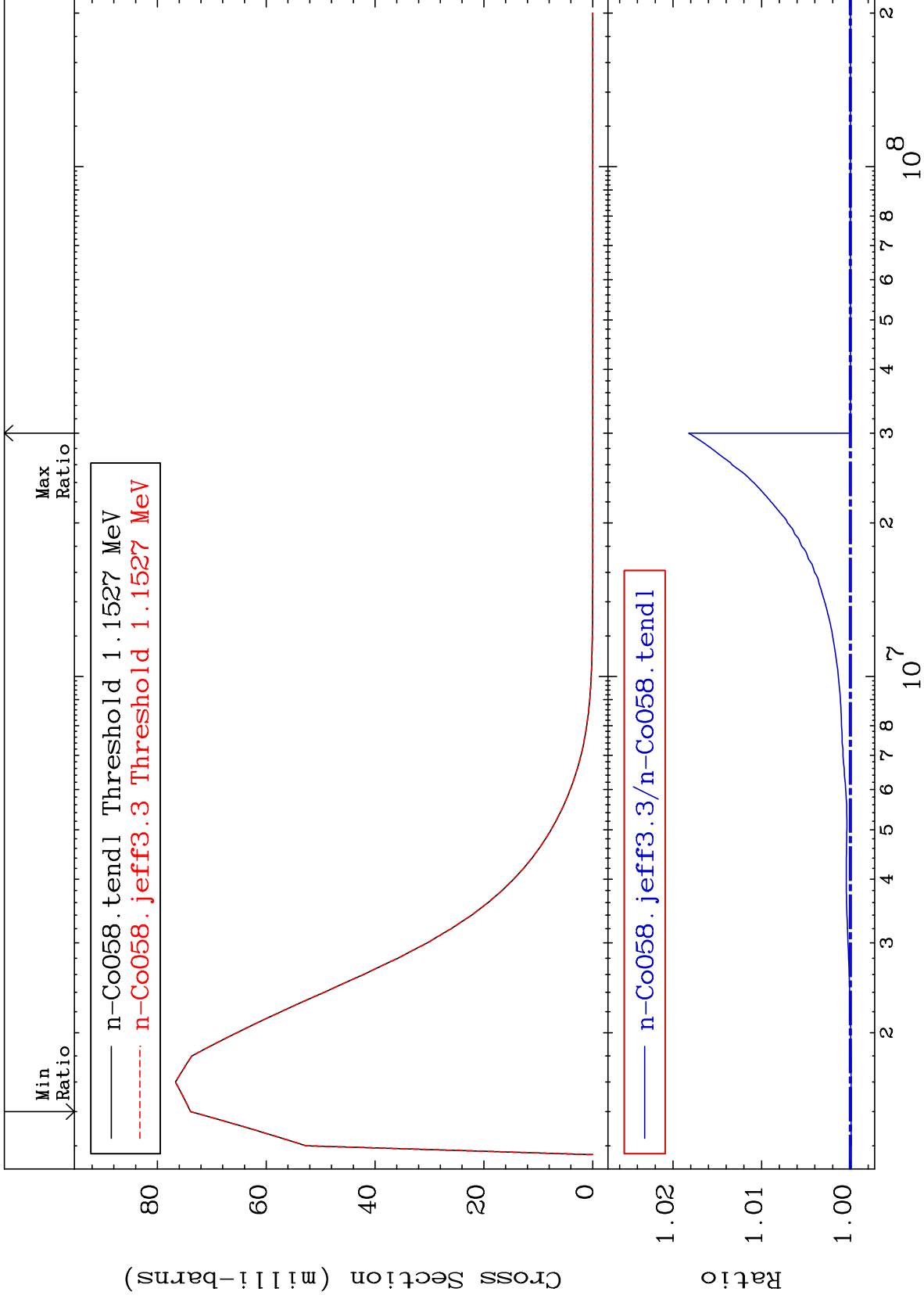
27-Co-58  
-0.004 To 0.157 %



MAT 2722

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

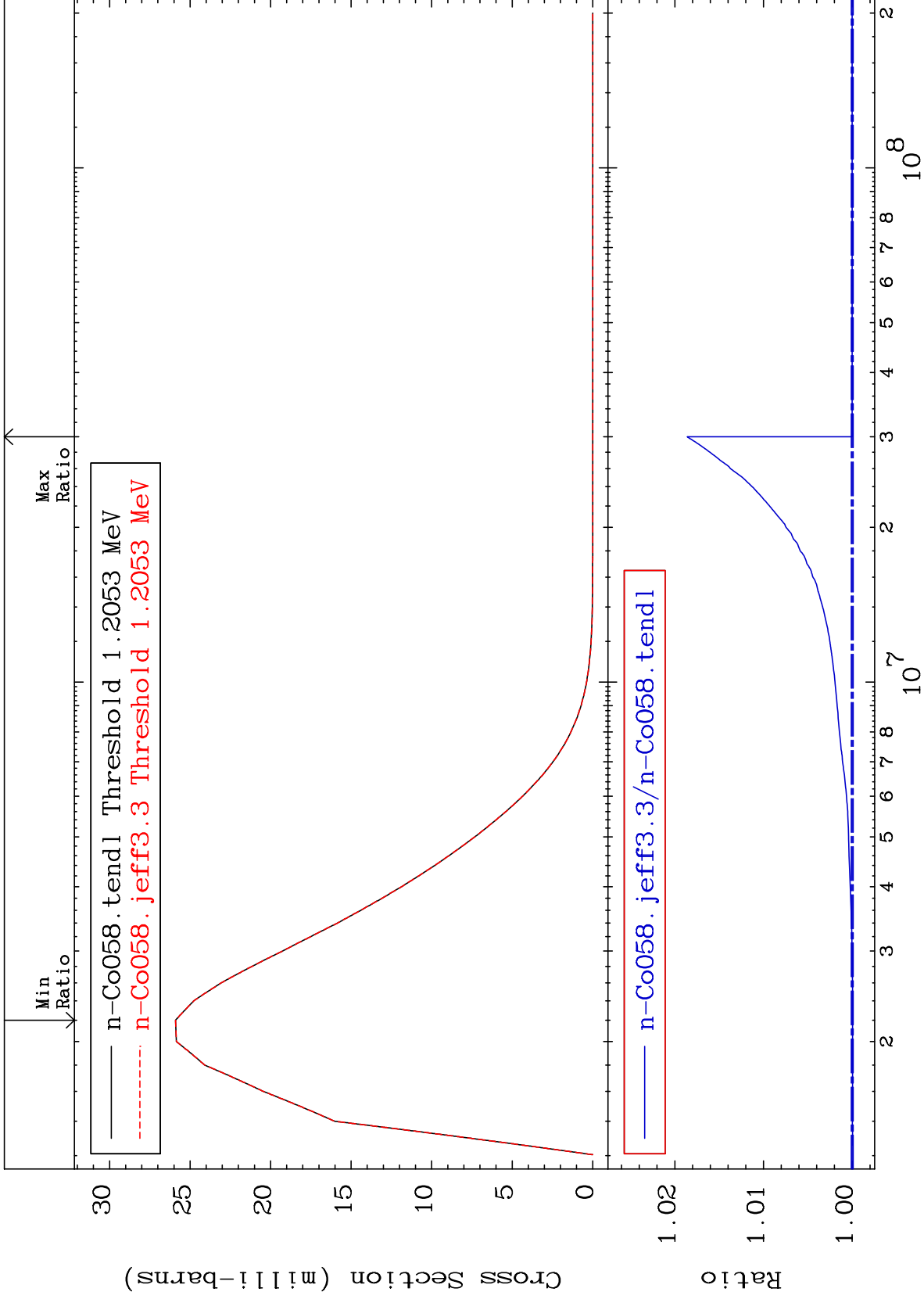
27-Co-58  
-0.007 To 1.822 %



MAT 2722

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

27-Co-58  
-0.004 To 1.860 %



30

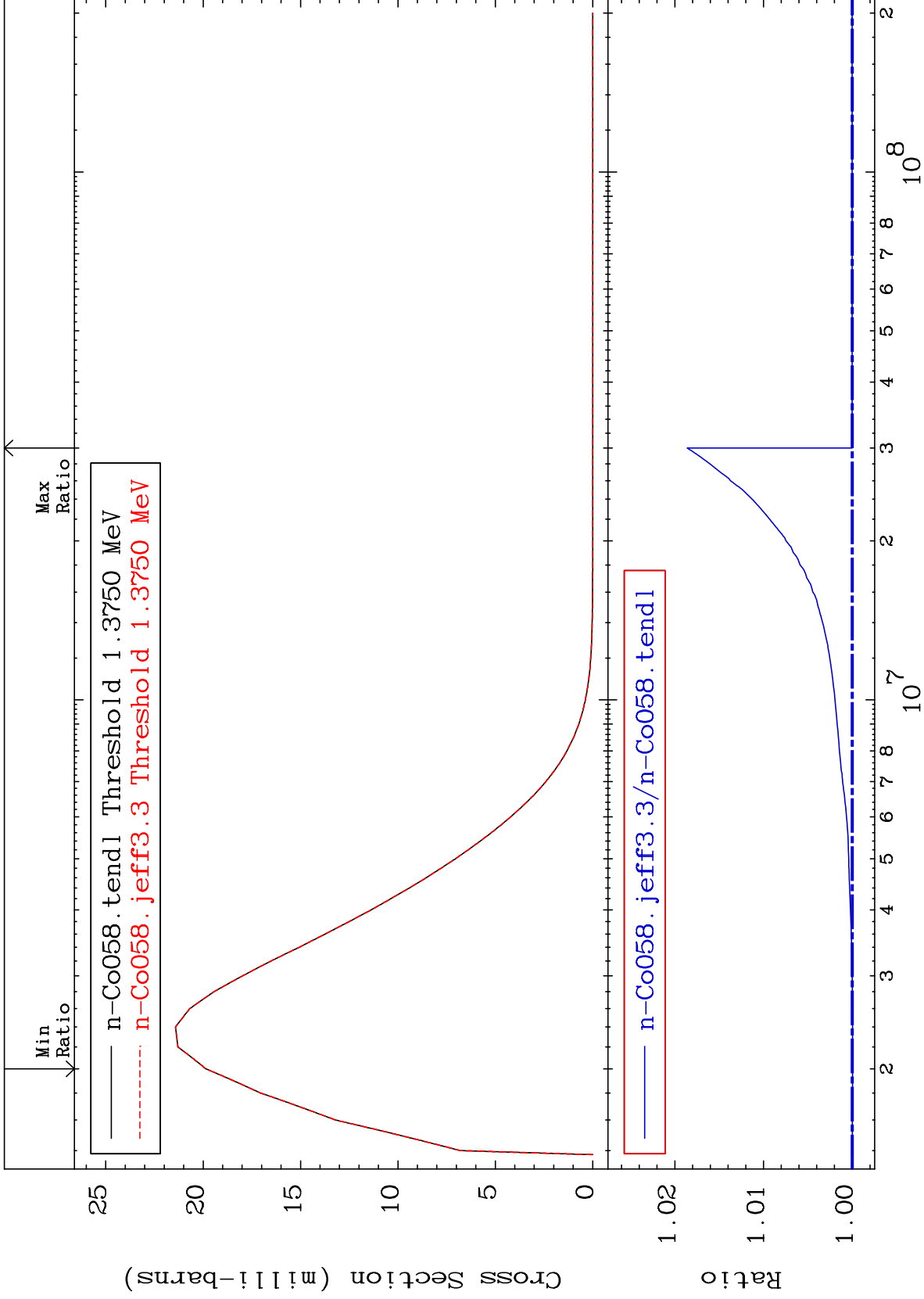
Incident Energy (eV)

27-Co-58

MAT 2722

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

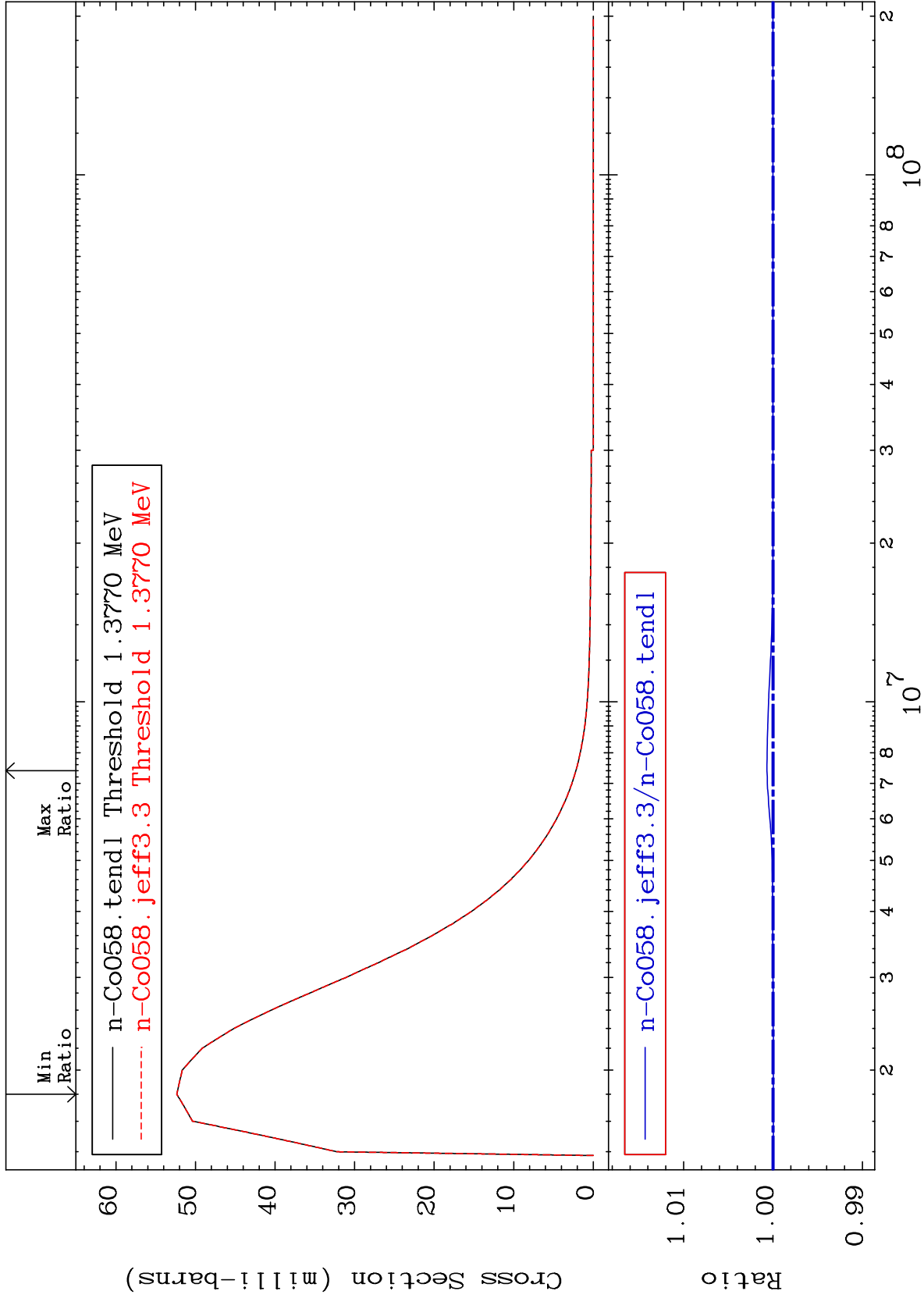
27-Co-58  
-0.004 To 1.860 %



MAT 2722

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

27-Co-58  
-0.004 To 0.068 %

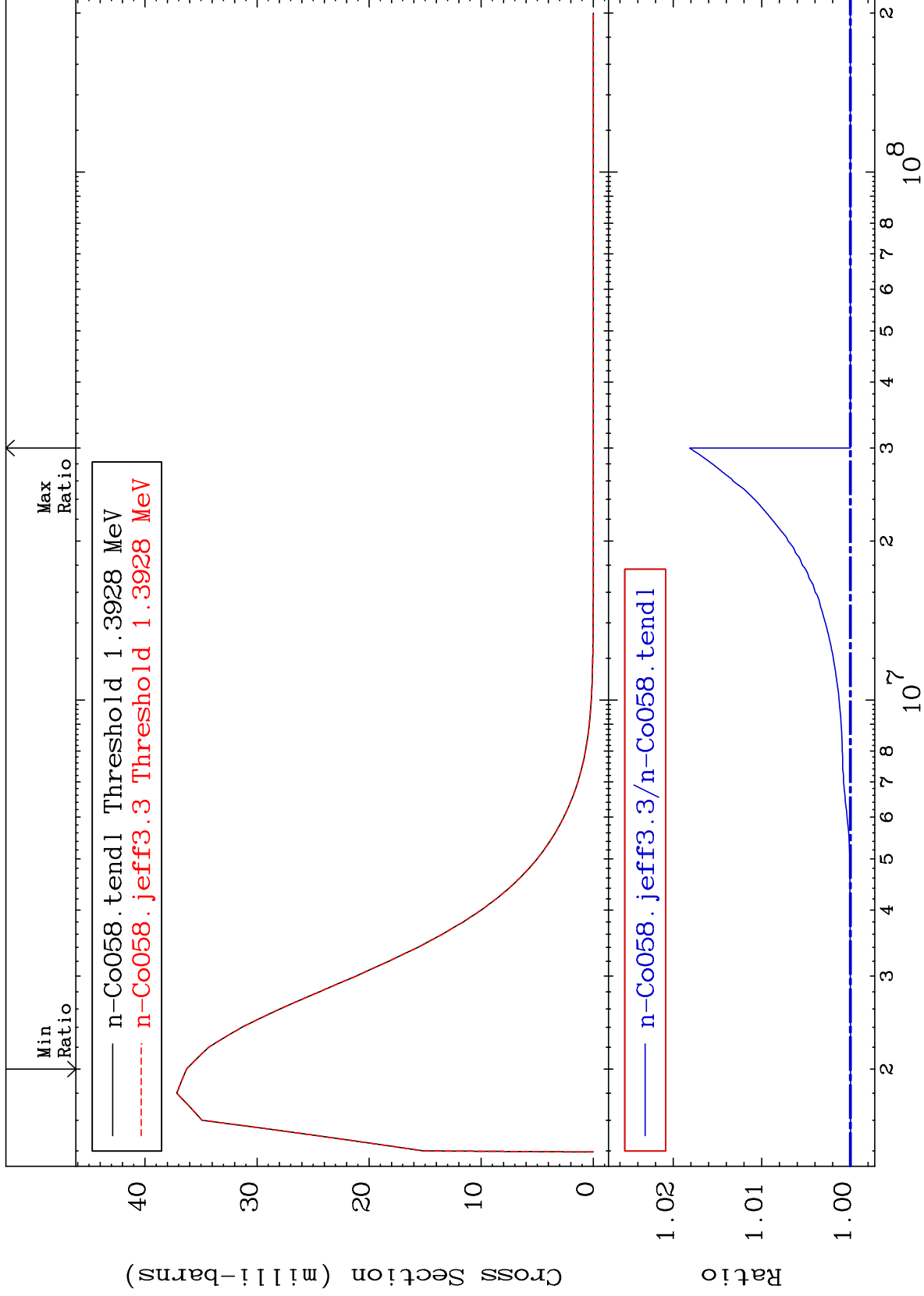




MAT 2722

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

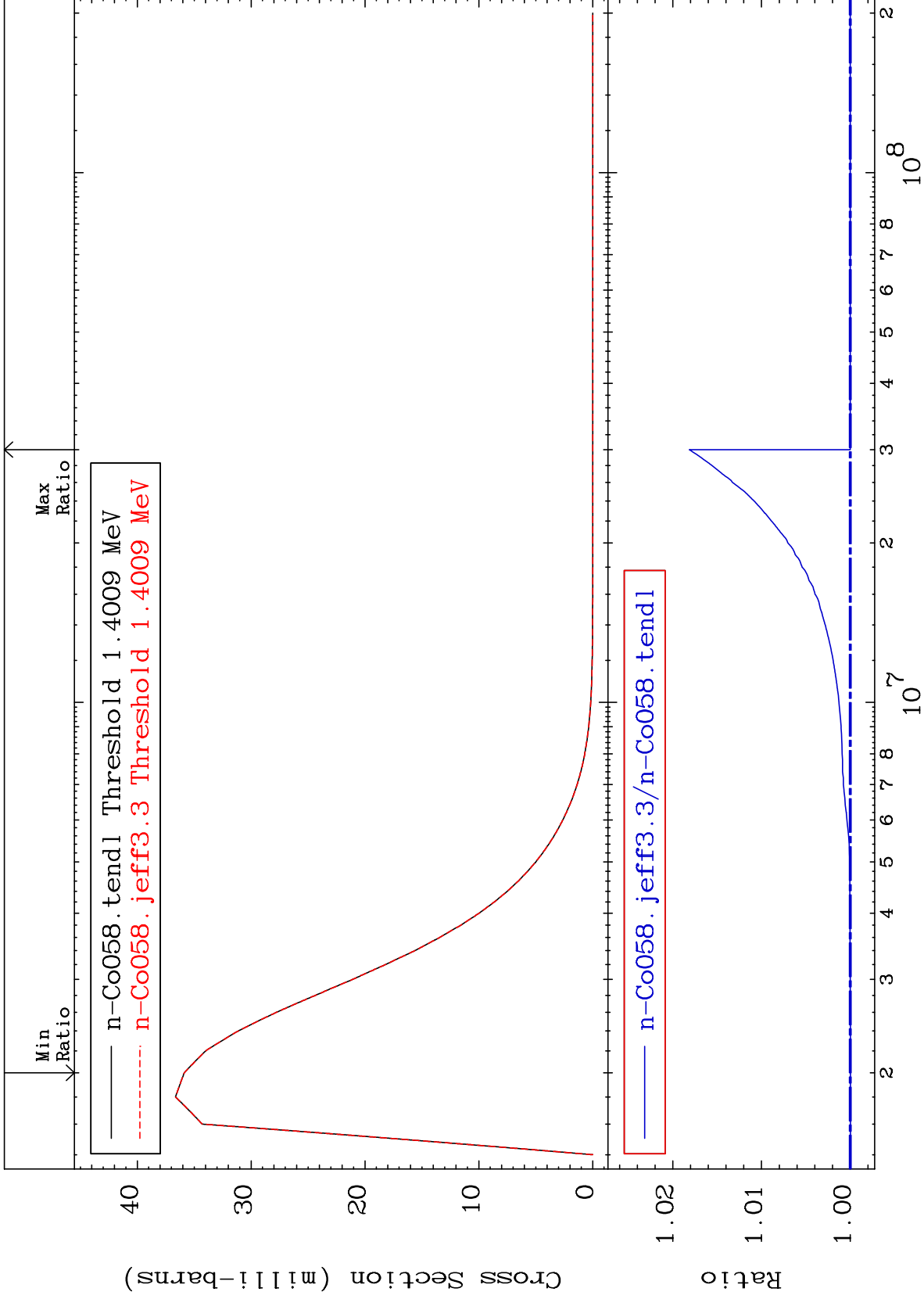
27-Co-58  
-0.003 To 1.814 %



MAT 2722

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

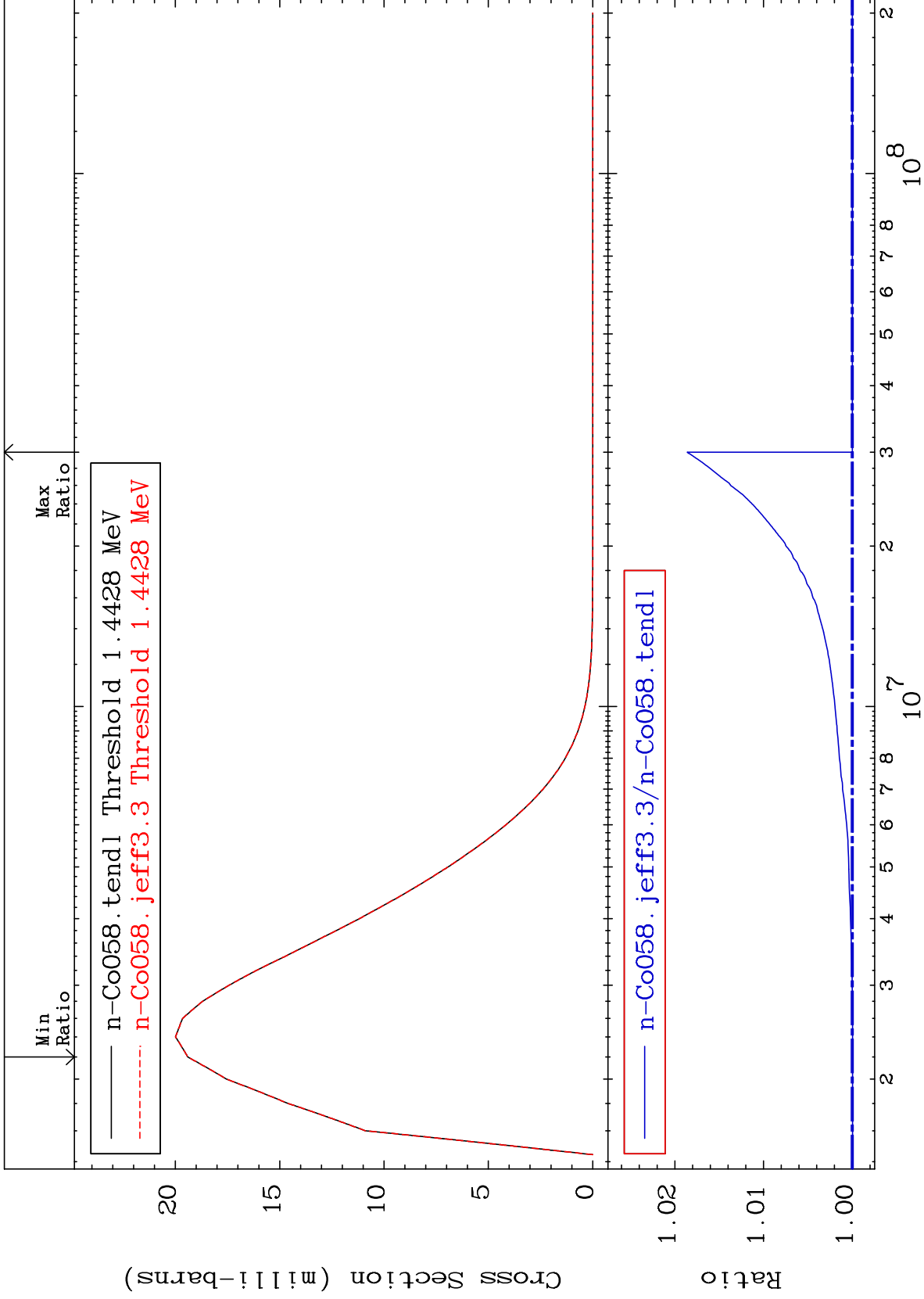
27-Co-58  
-0.003 To 1.814 %



MAT 2722

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

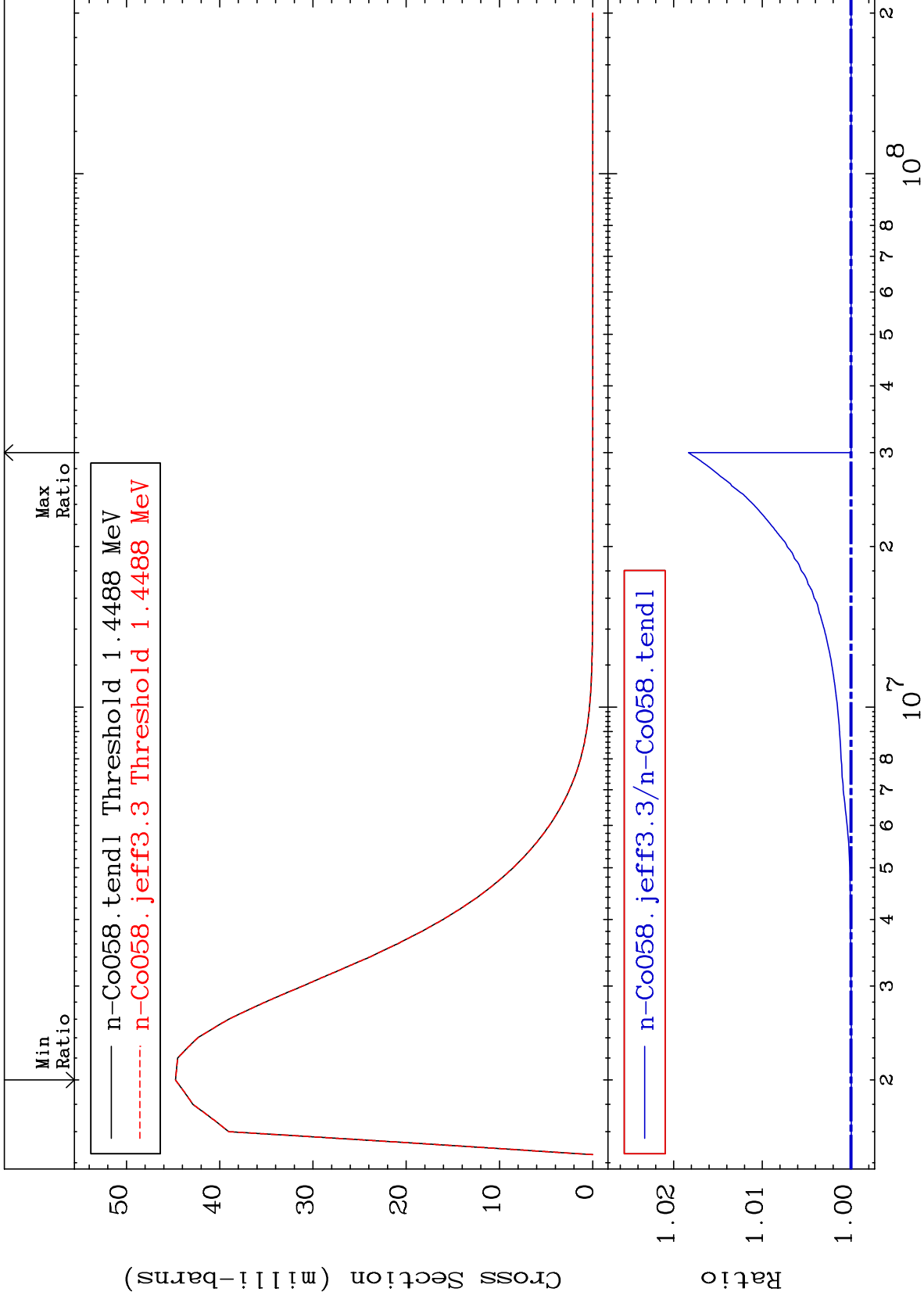
27-Co-58  
-0.004 To 1.860 %



MAT 2722

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

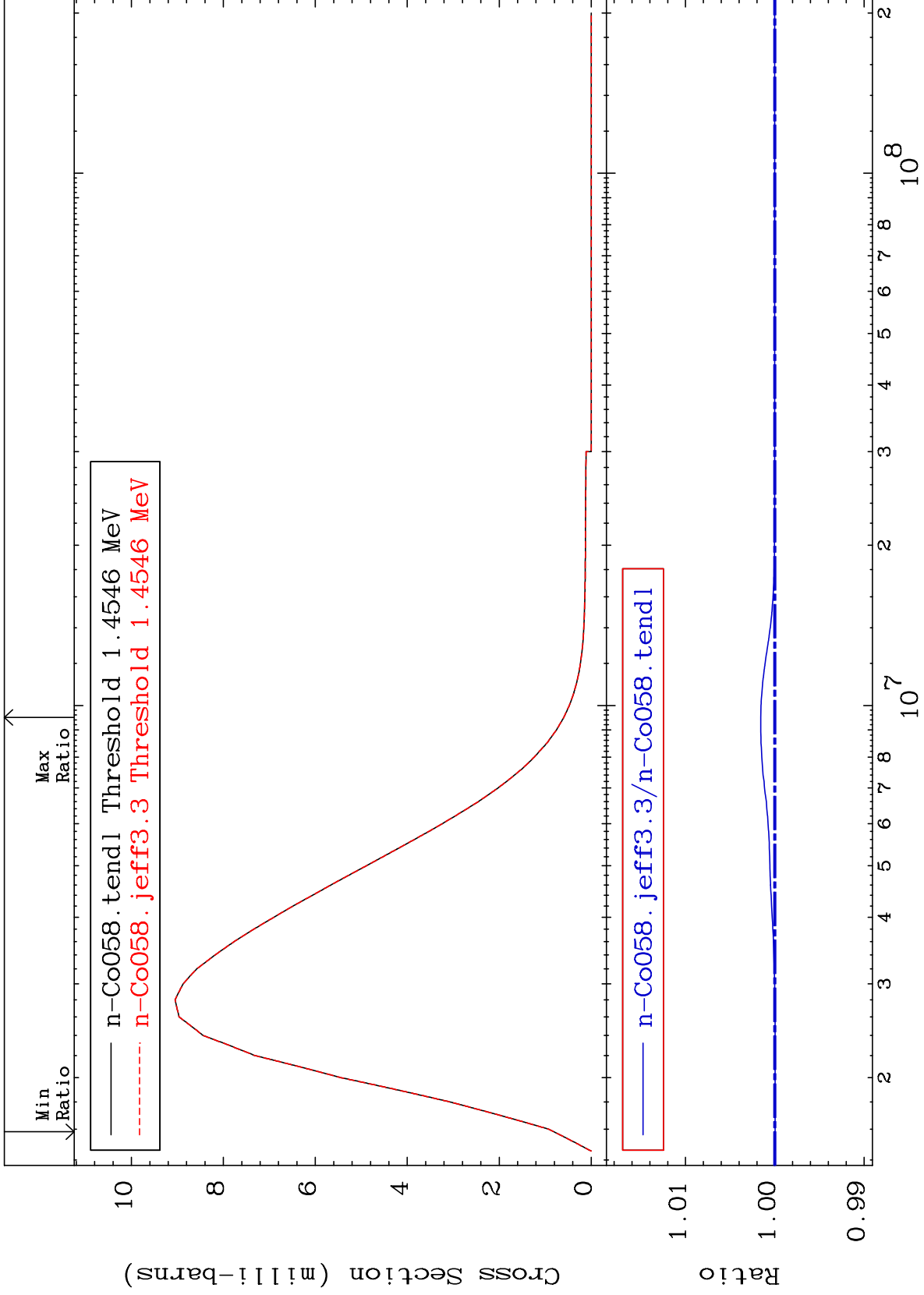
27-Co-58  
-0.004 To 1.832 %



MAT 2722

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

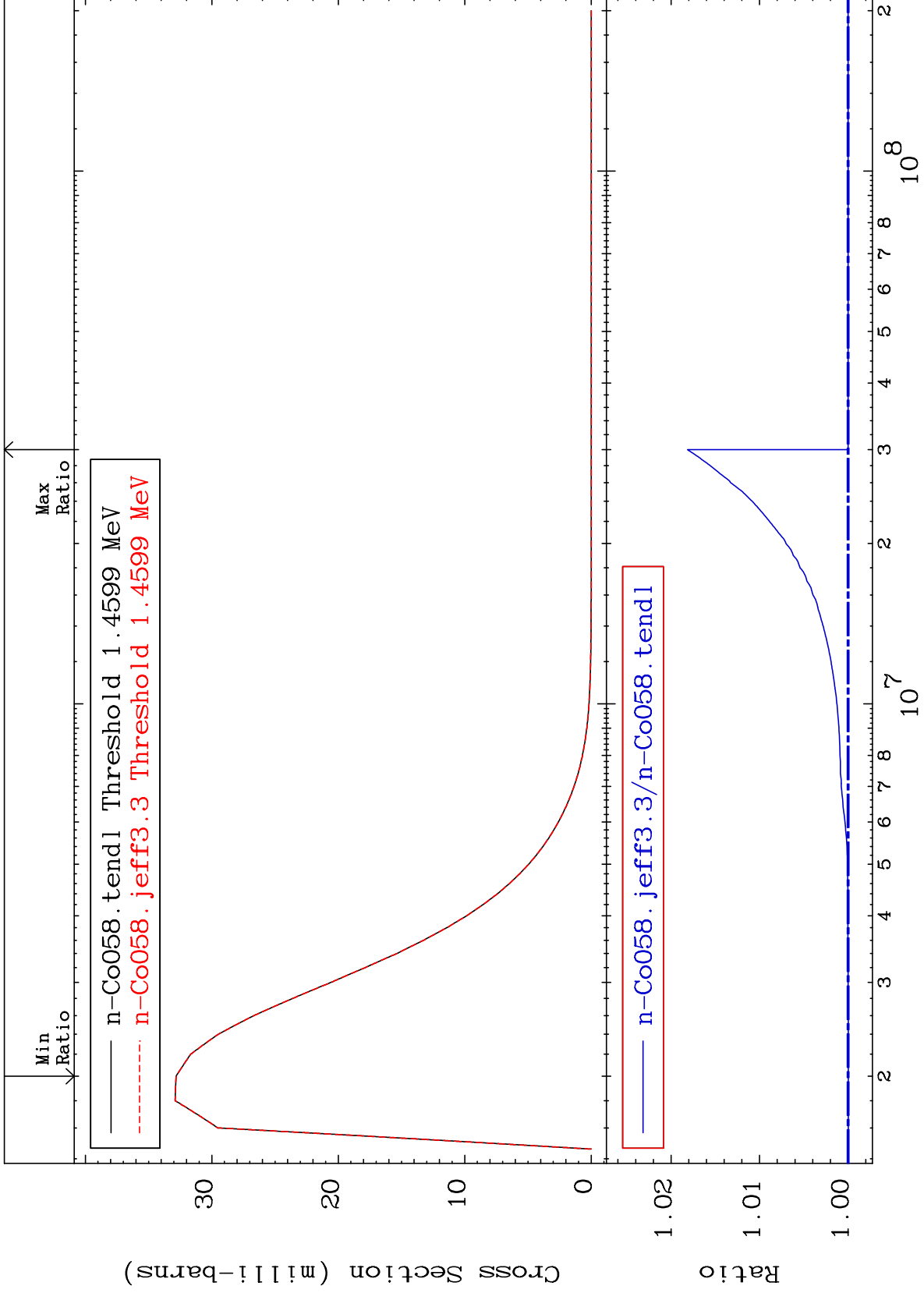
27-Co-58  
-0.004 To 0.157 %



MAT 2722

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

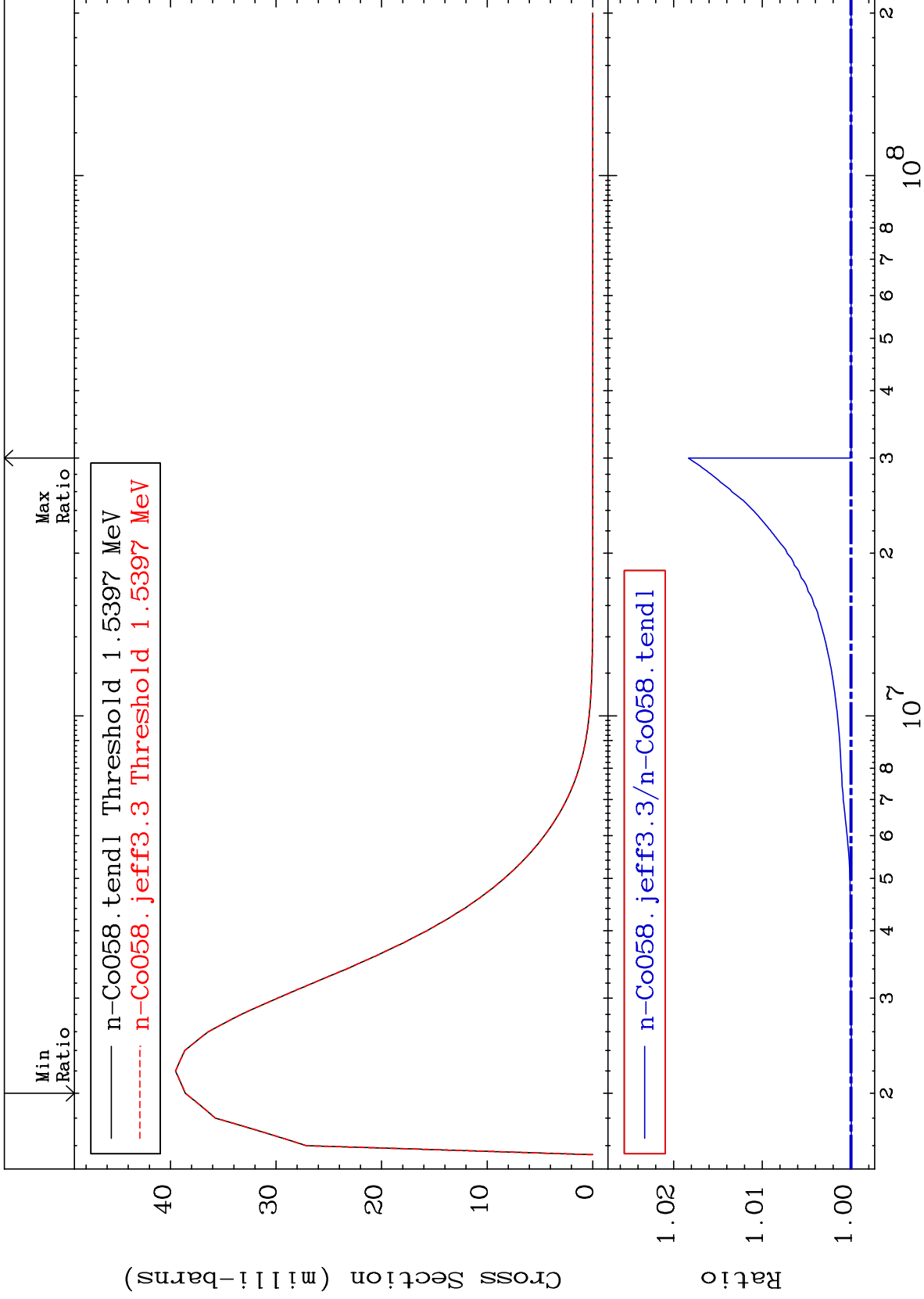
27-Co-58  
-0.003 To 1.814 %



MAT 2722

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

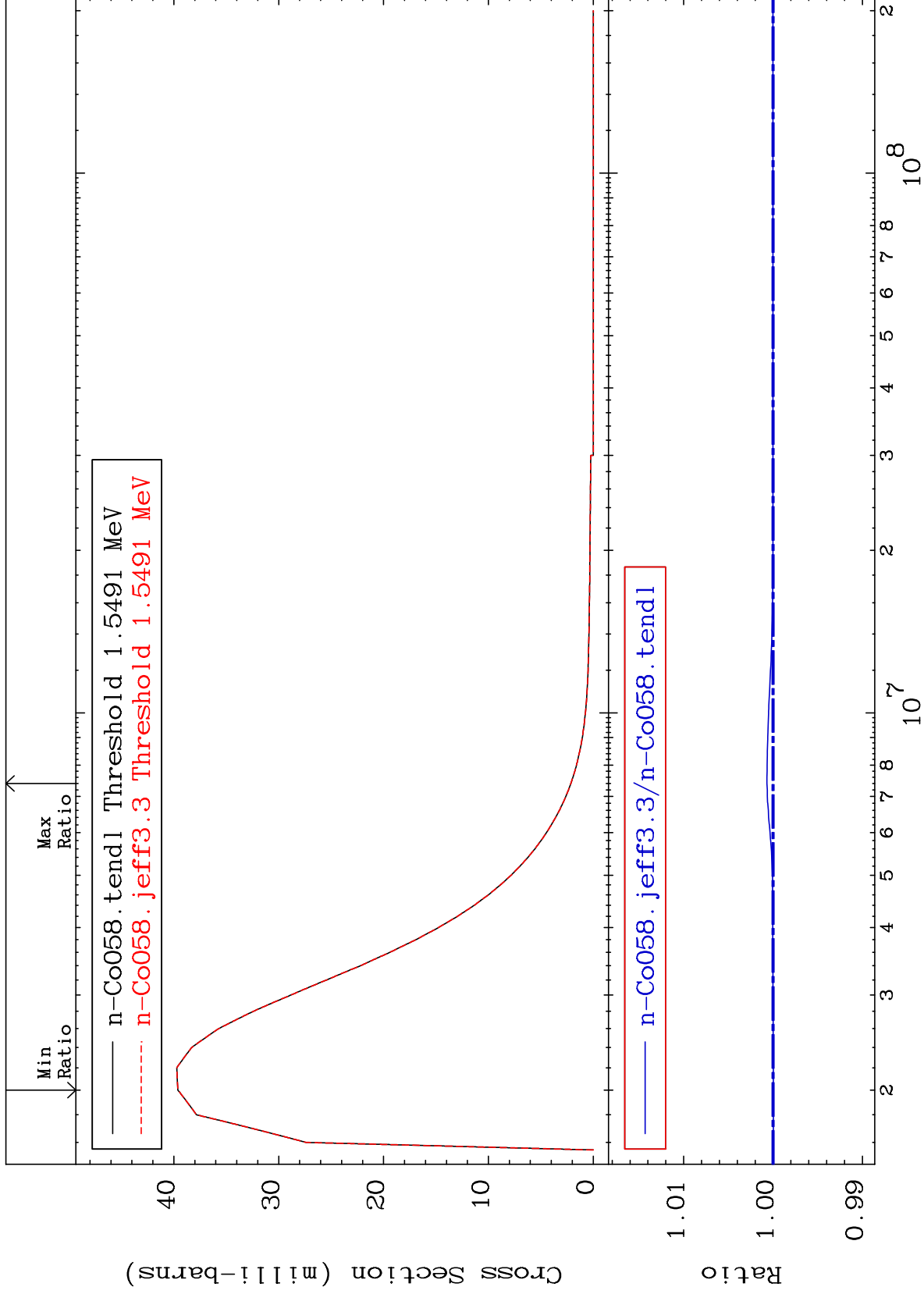
27-Co-58  
-0.004 To 1.832 %



MAT 2722

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

27-Co-58  
-0.004 To 0.068 %



40

Incident Energy (eV)

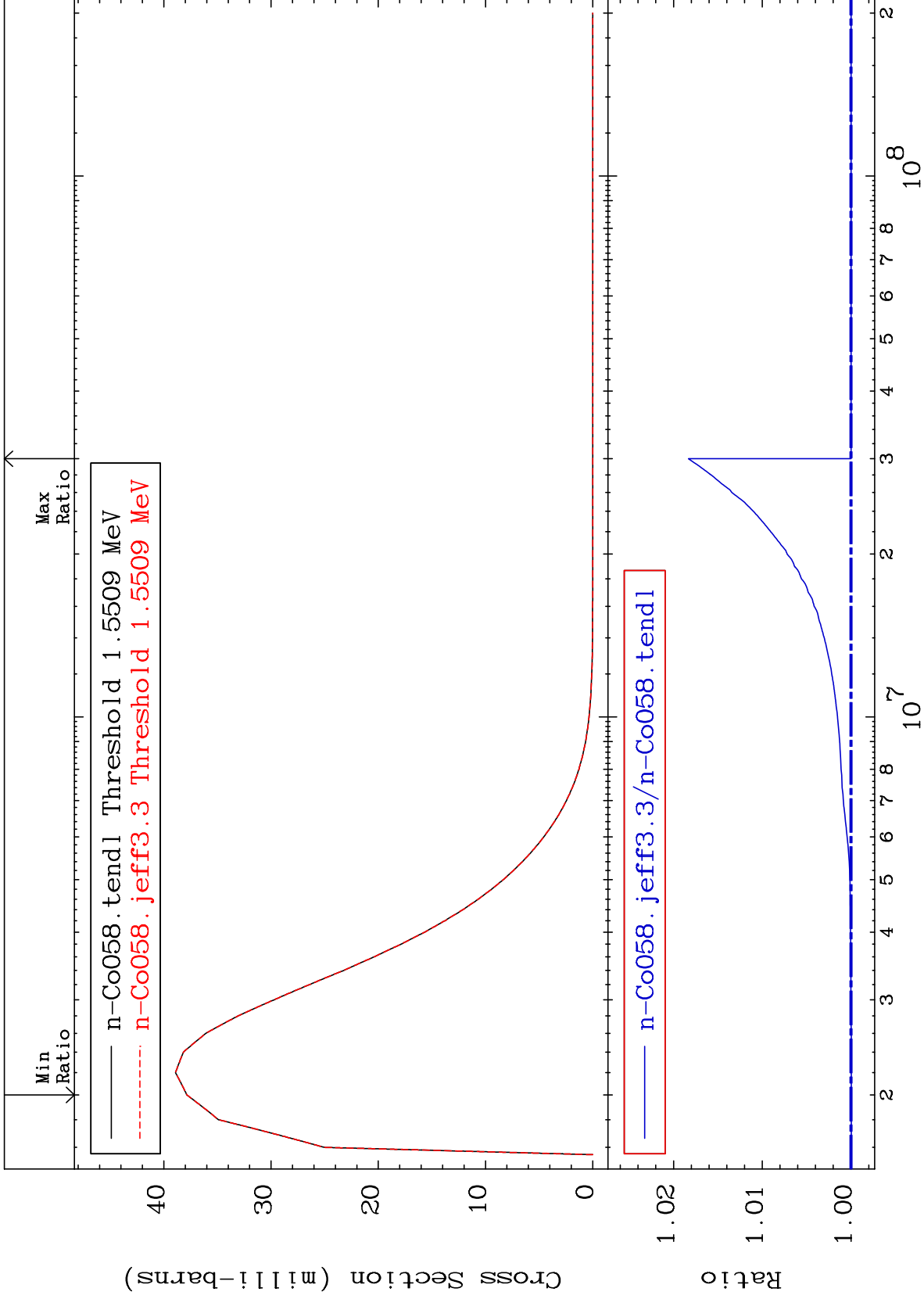
27-Co-58



MAT 2722

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

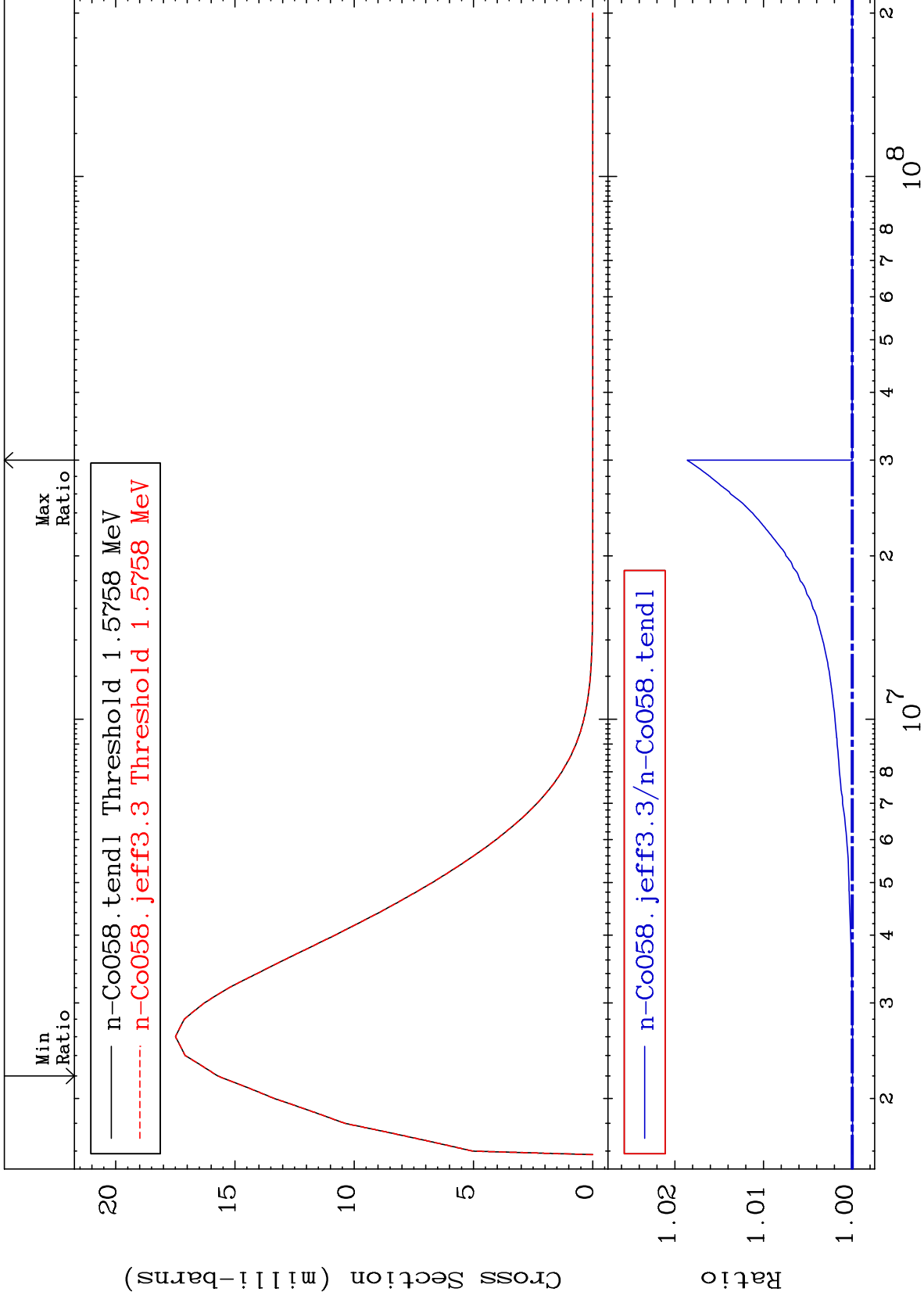
27-Co-58  
-0.004 To 1.832 %



MAT 2722

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

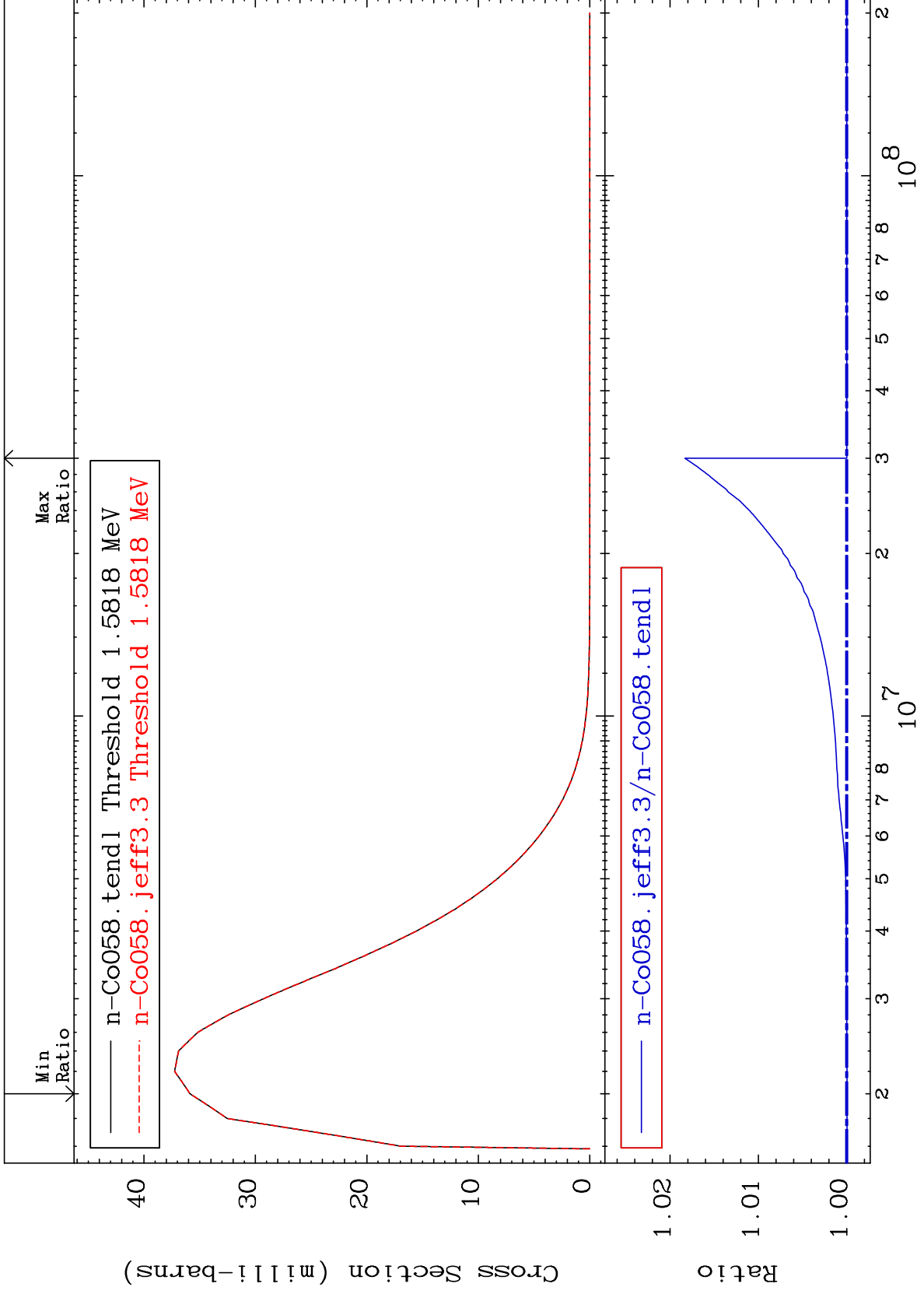
27-Co-58  
-0.004 To 1.860 %



MAT 2722

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

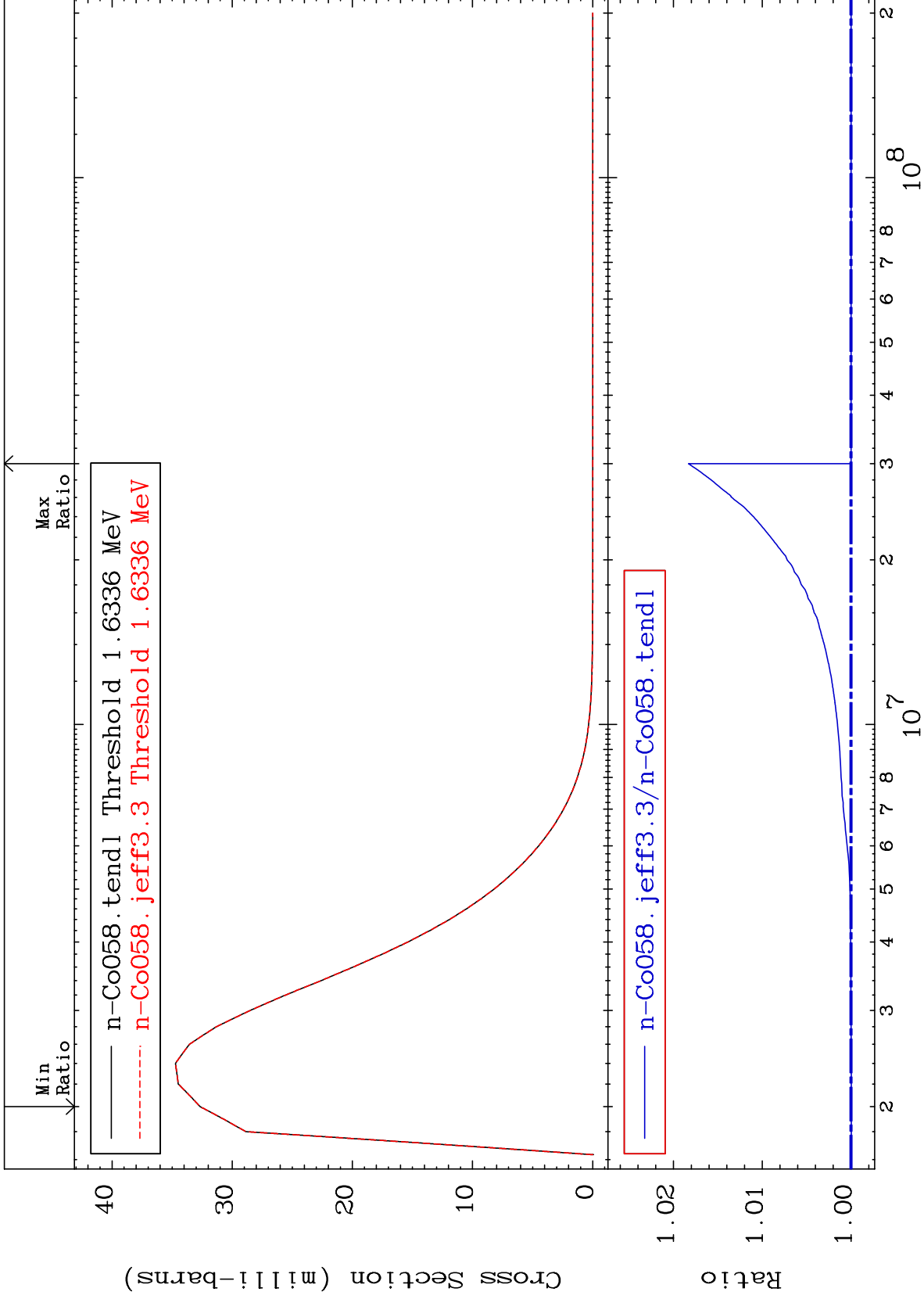
27-Co-58  
-0.004 To 1.832 %



MAT 2722

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

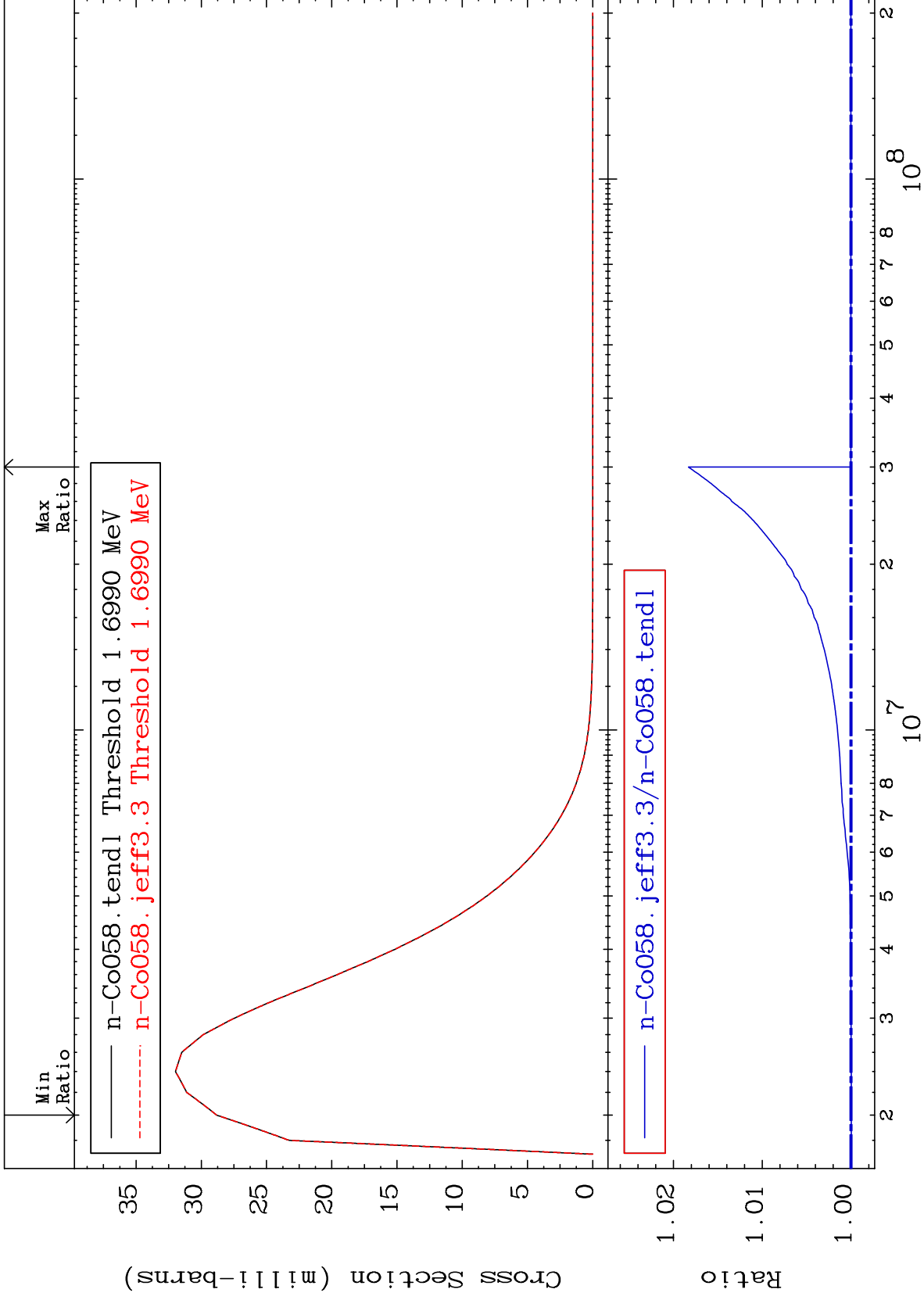
27-Co-58  
-0.004 To 1.832 %



MAT 2722

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

27-Co-58  
-0.005 To 1.832 %



45

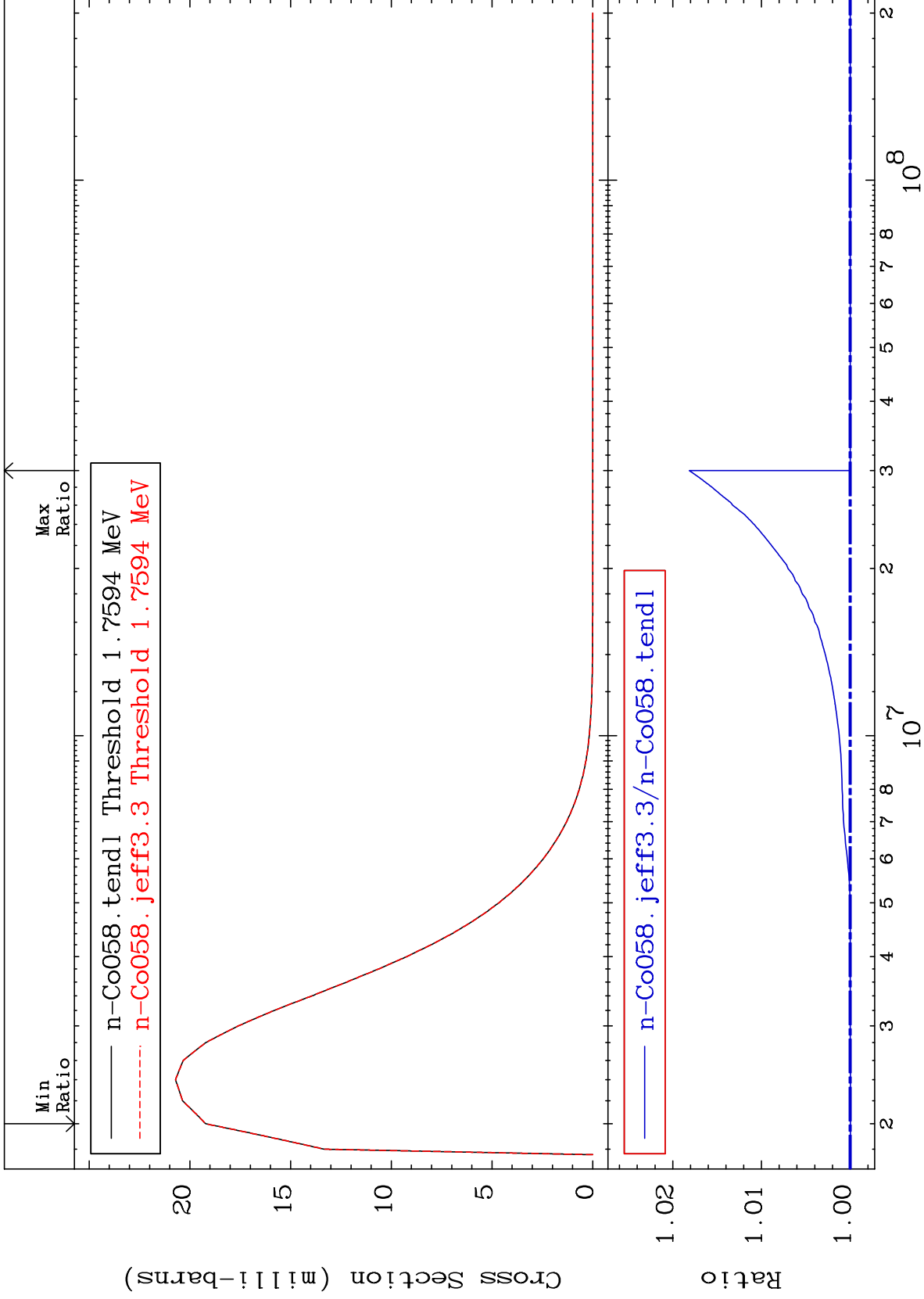
Incident Energy (eV)

27-Co-58

MAT 2722

MT= 80 (n,n') Level  
Cross Section

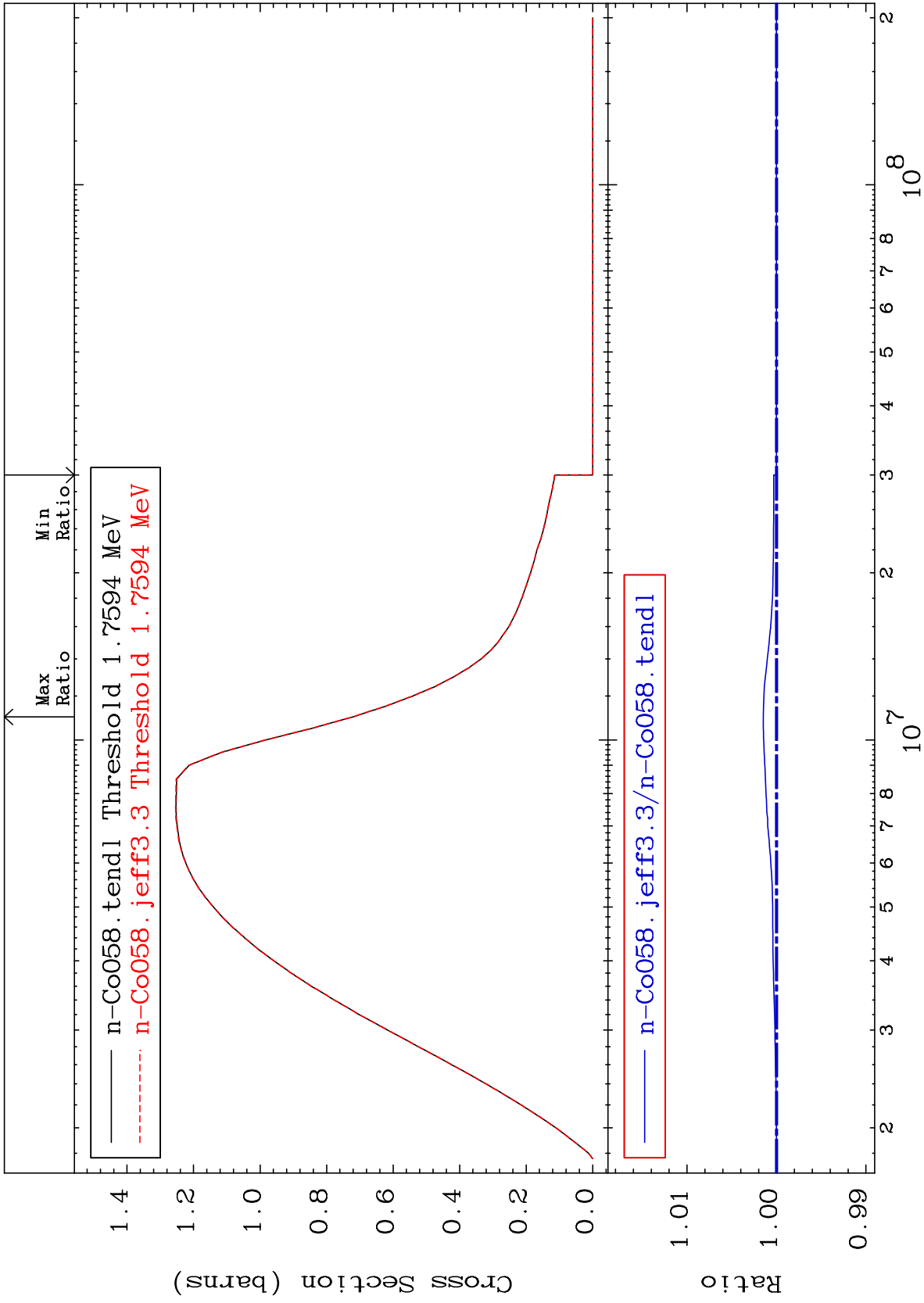
27-Co-58  
-0.003 To 1.813 %



MAT 2722

(n, n') Continuum  
Cross Section

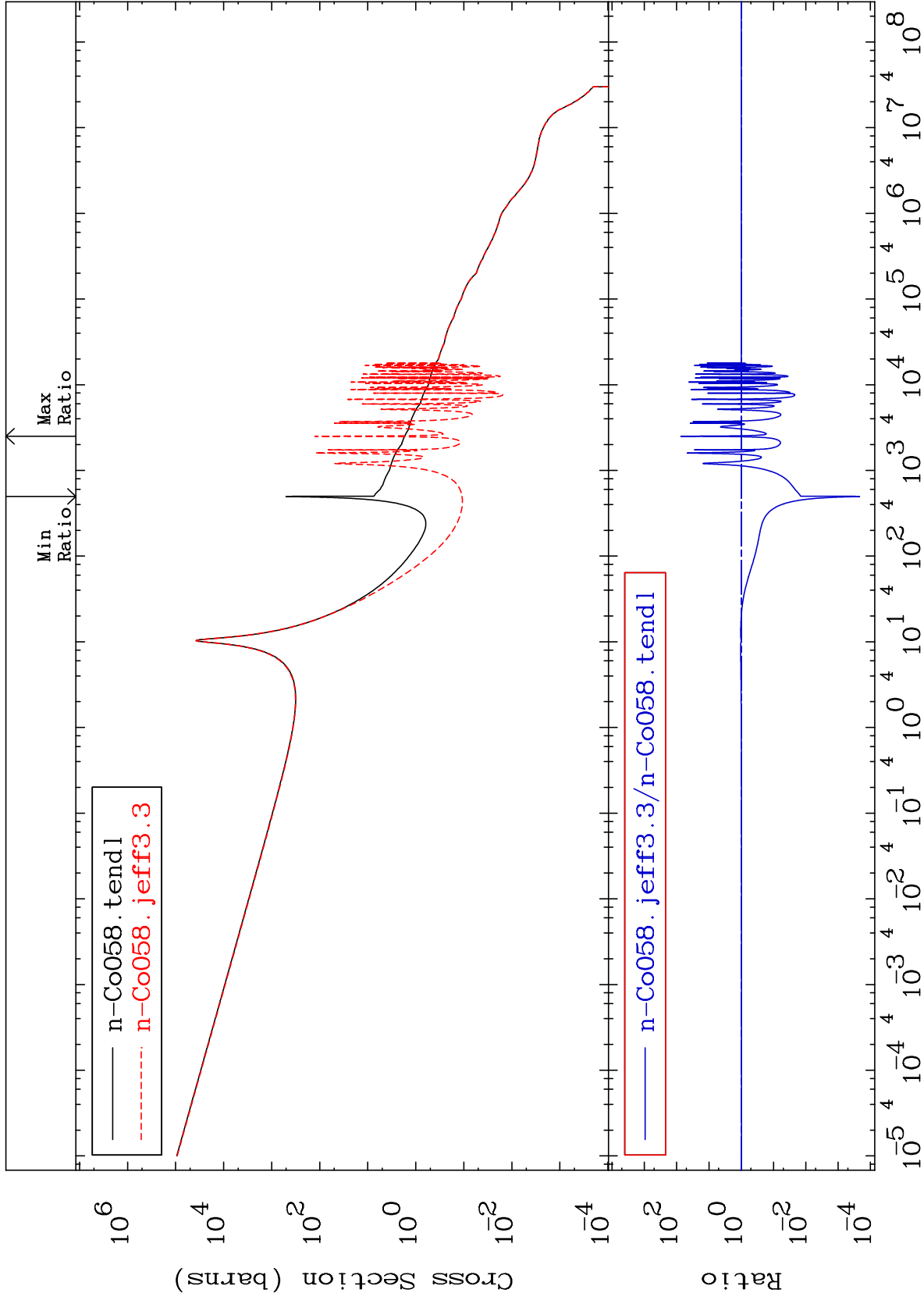
27-Co-58  
0.000 To 0.148 %



47

Incident Energy (eV)

27-Co-58





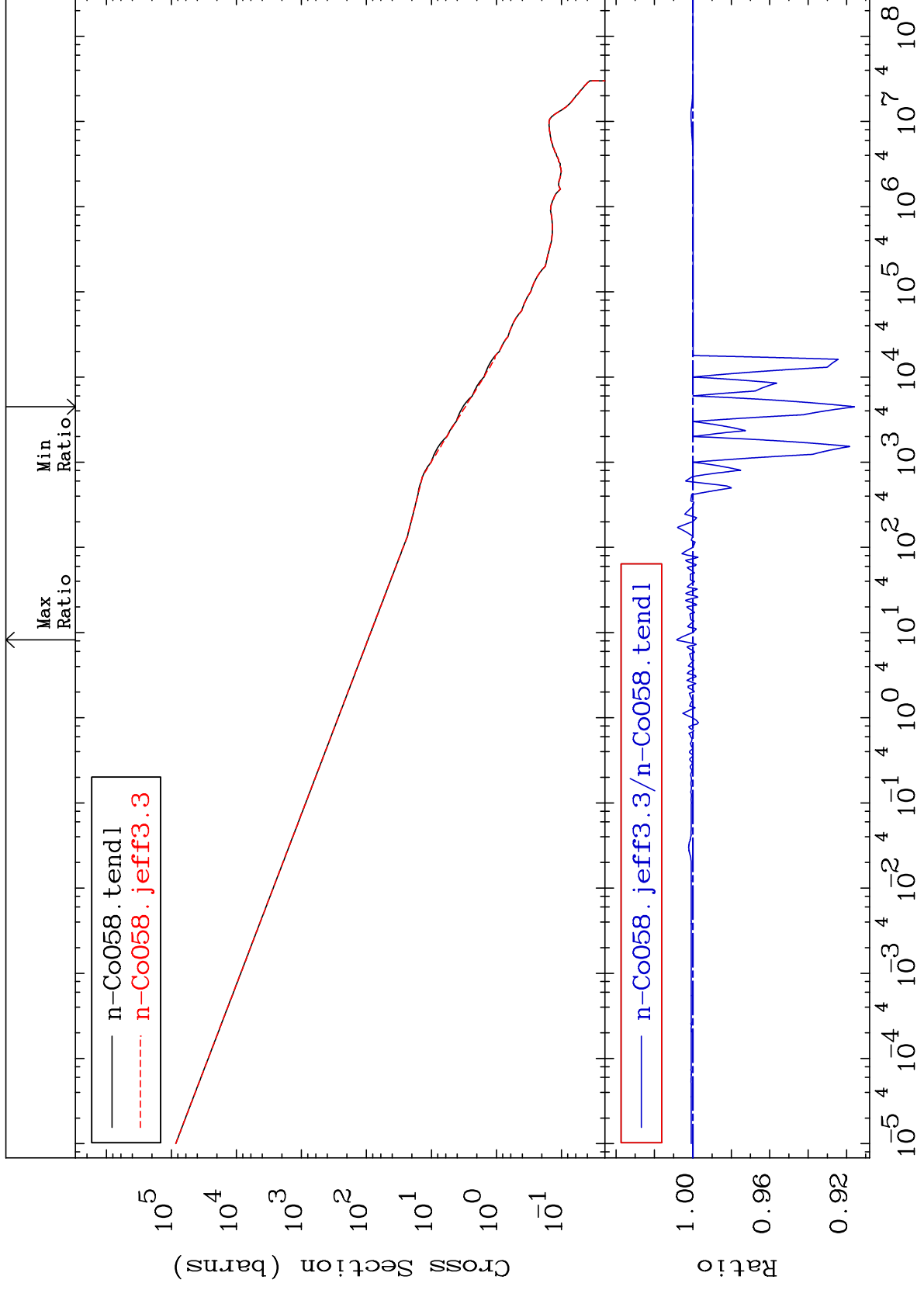
MAT 2722

(n, p)

27-Co-58

Cross Section

-8.413 To 0.838 %



49

Incident Energy (eV)

27-Co-58

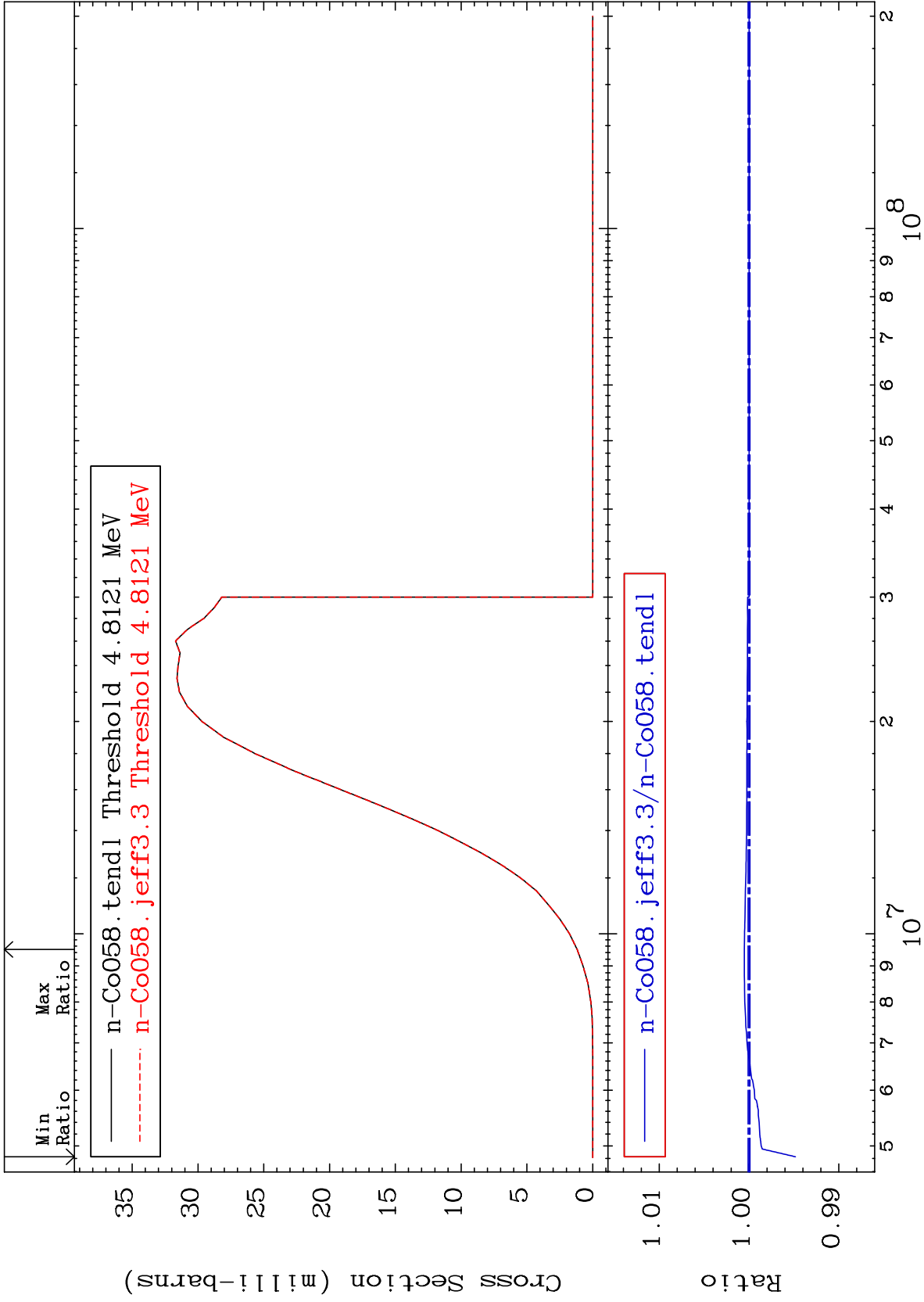
MAT 2722

(n, d)

27-Co-58

Cross Section

-0.517 To 0.052 %



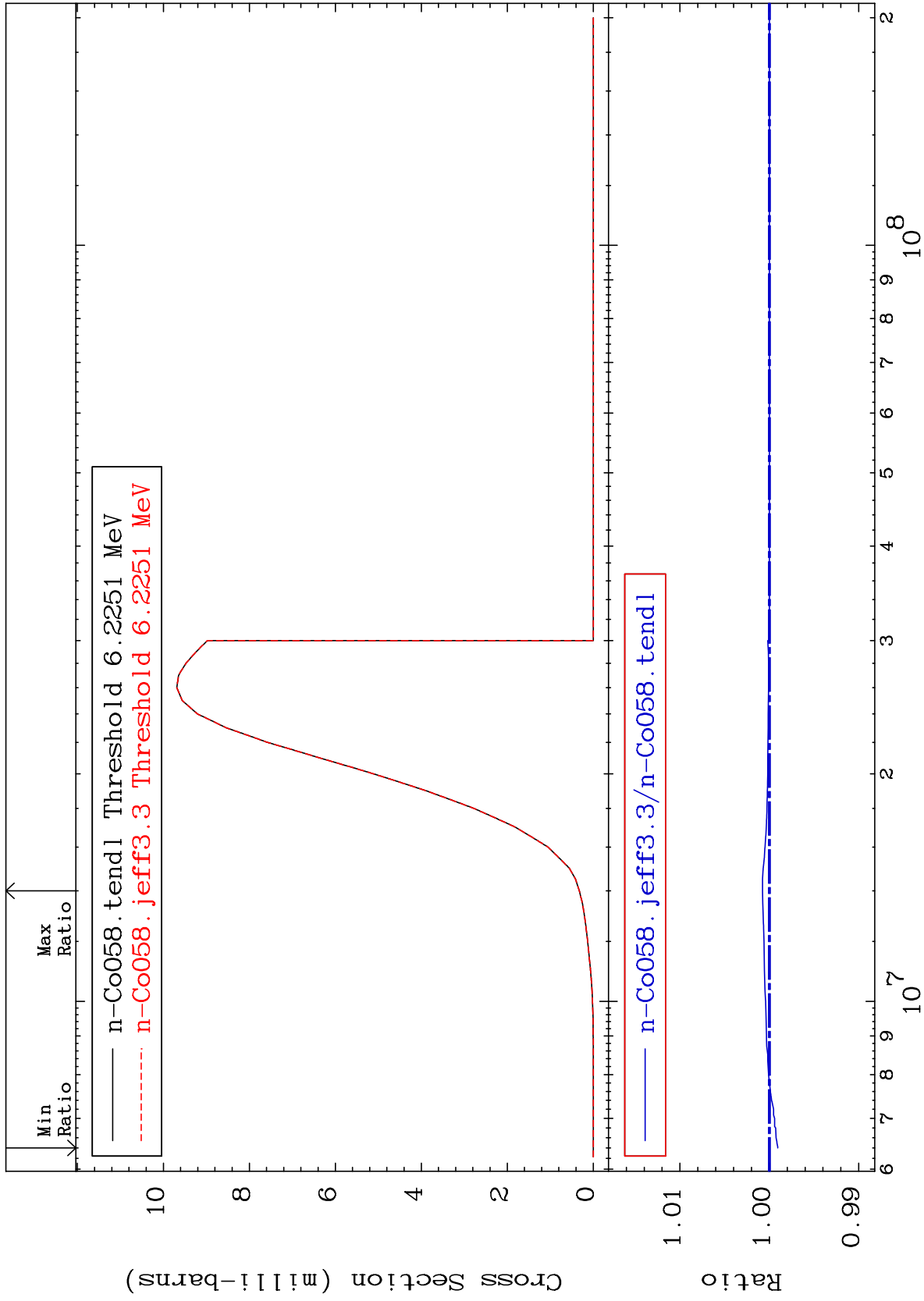
50

Incident Energy (eV)

27-Co-58

Cross Section

-0.094 To 0.077 %





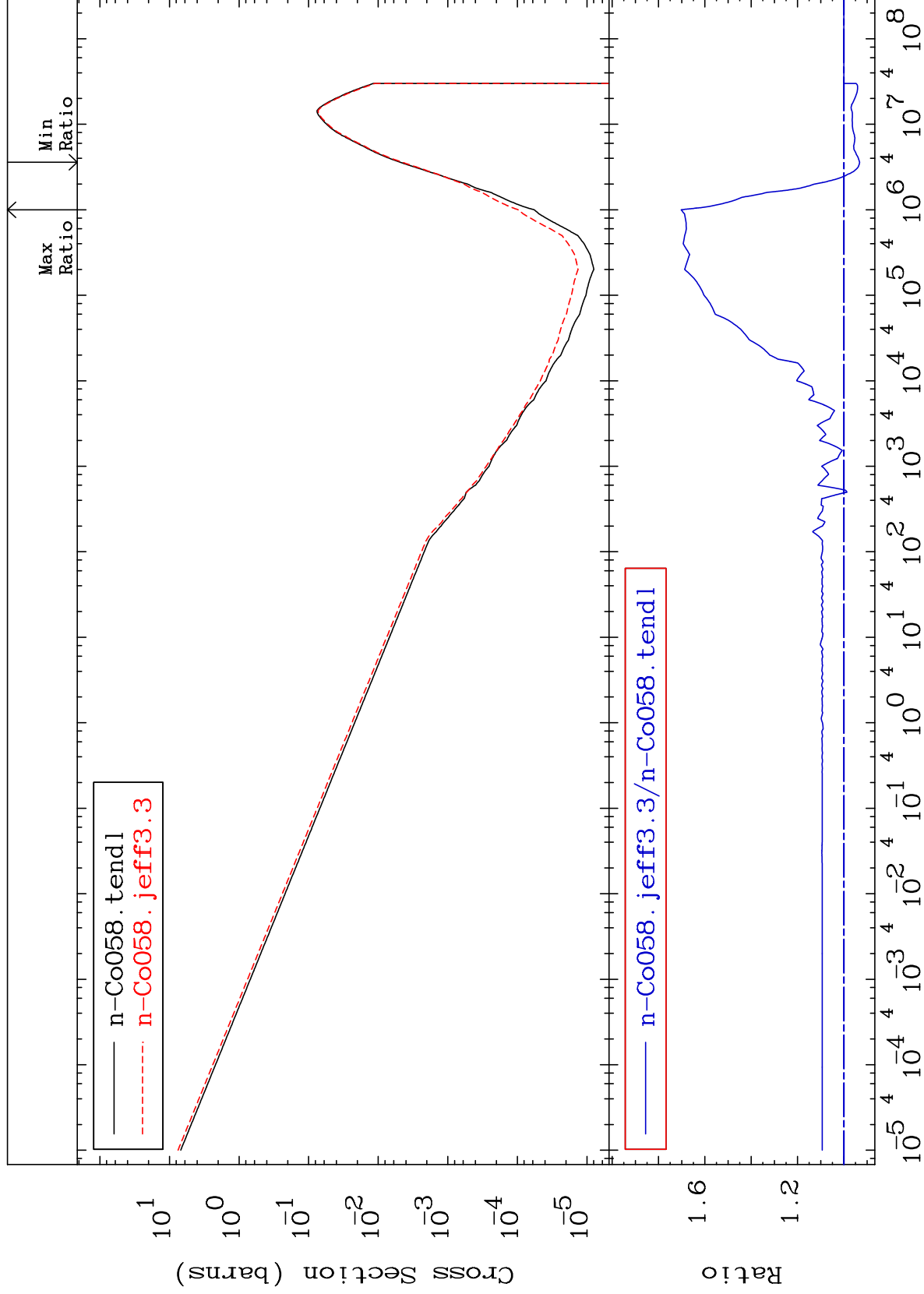
MAT 2722

(n,  $\alpha$ )

Cross Section

27-Co-58

-6.783 To 70.24 %

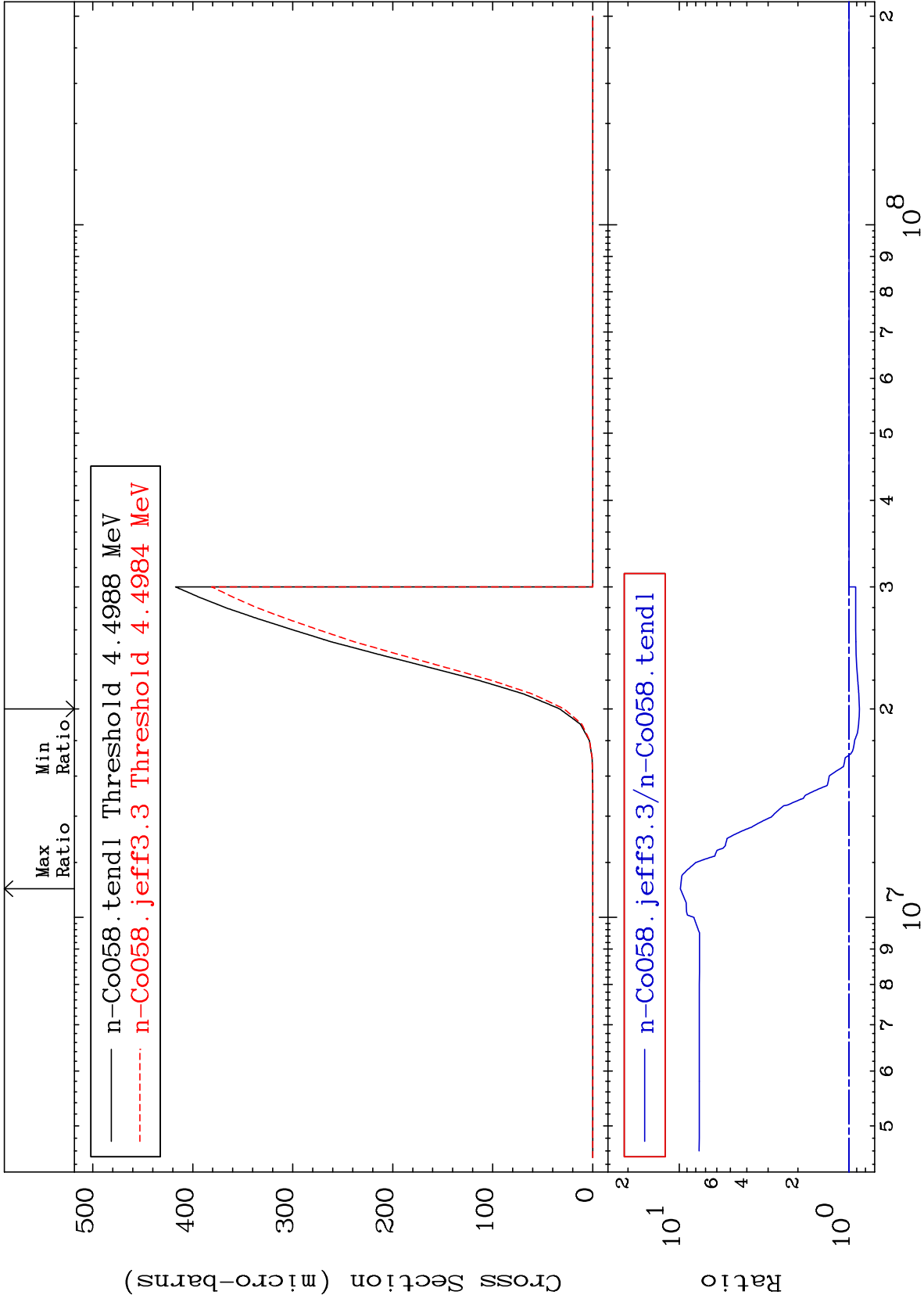


53

27-Co-58

Cross Section

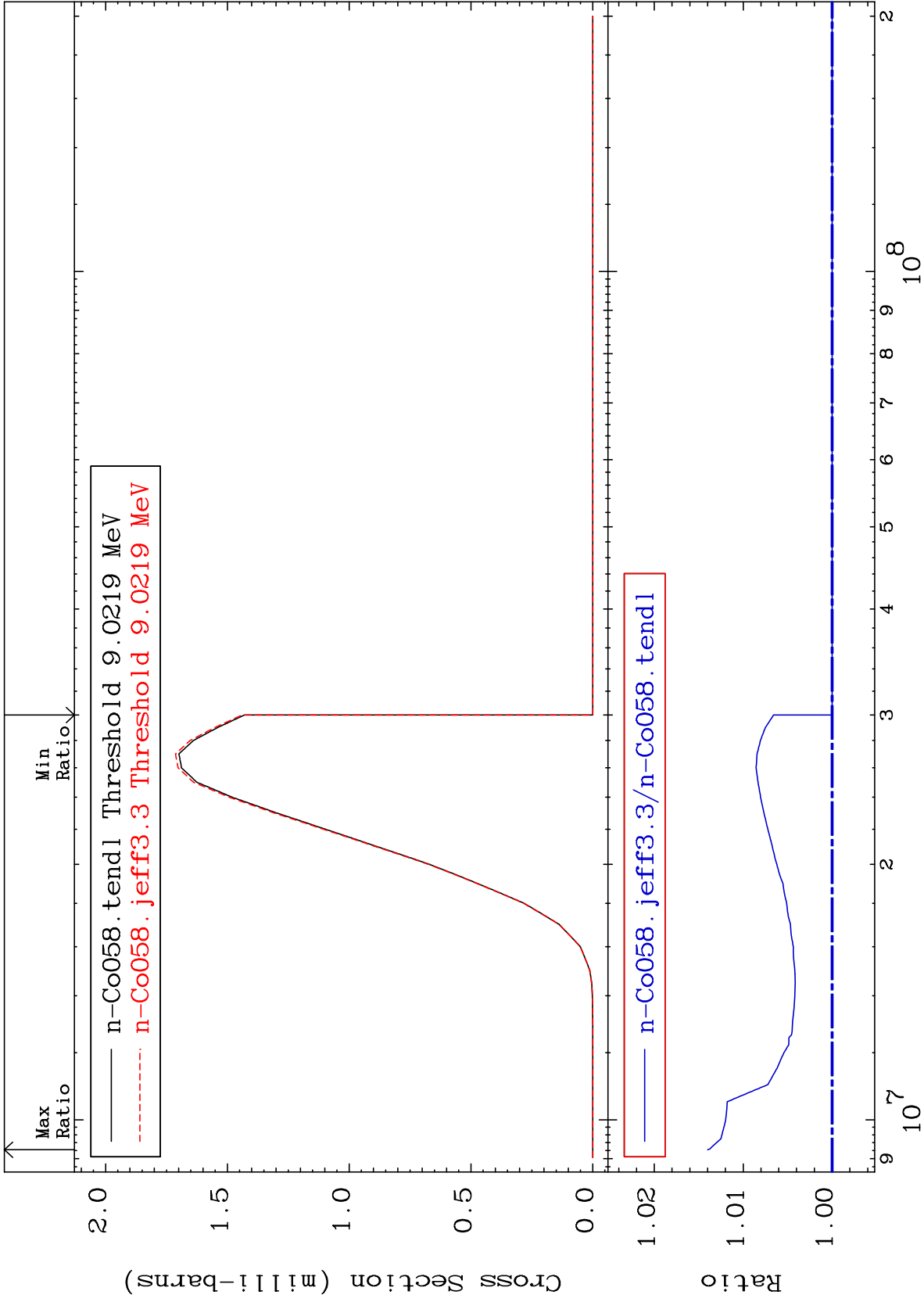
-13.14 To 884.1 %

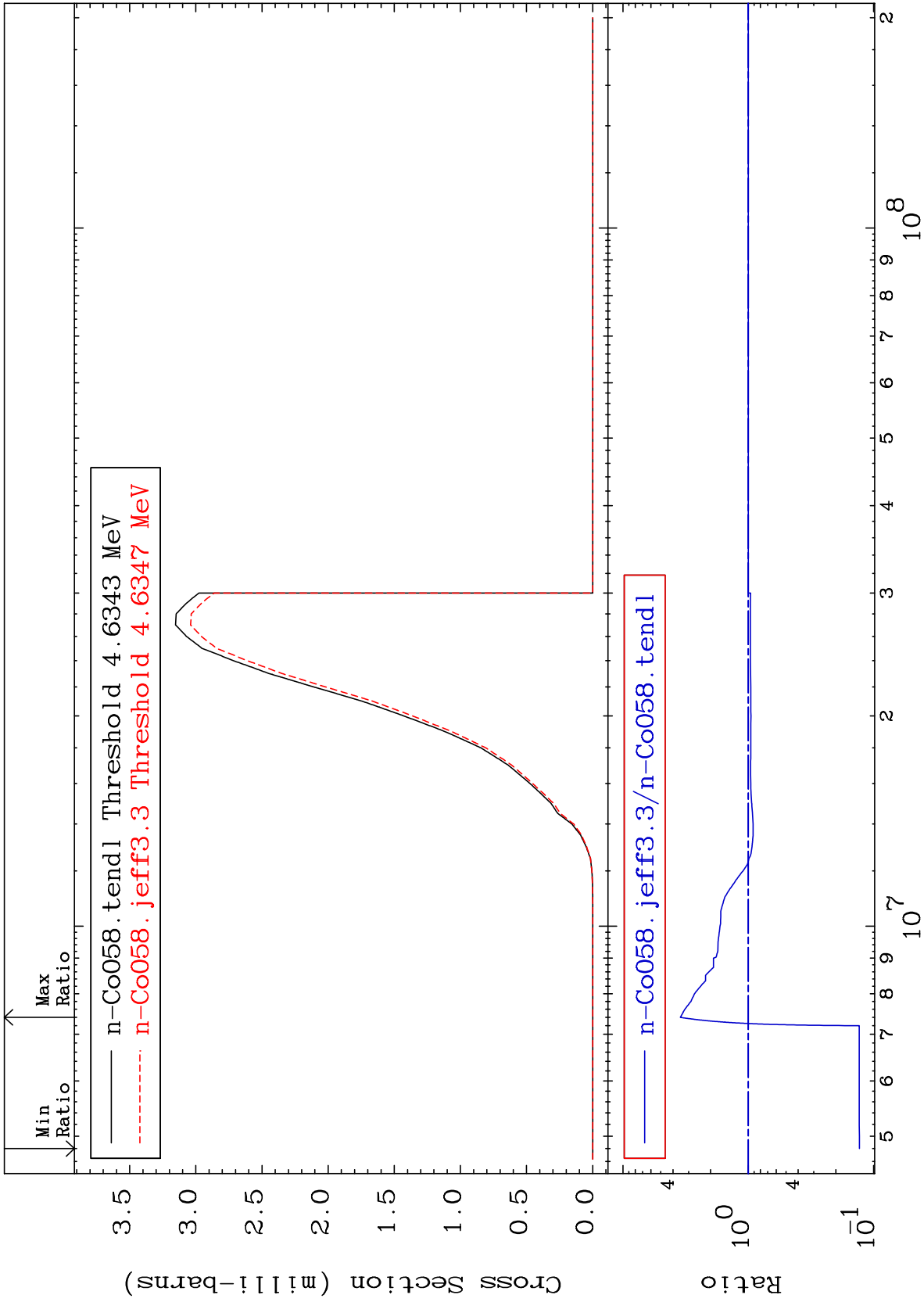


Cross Section

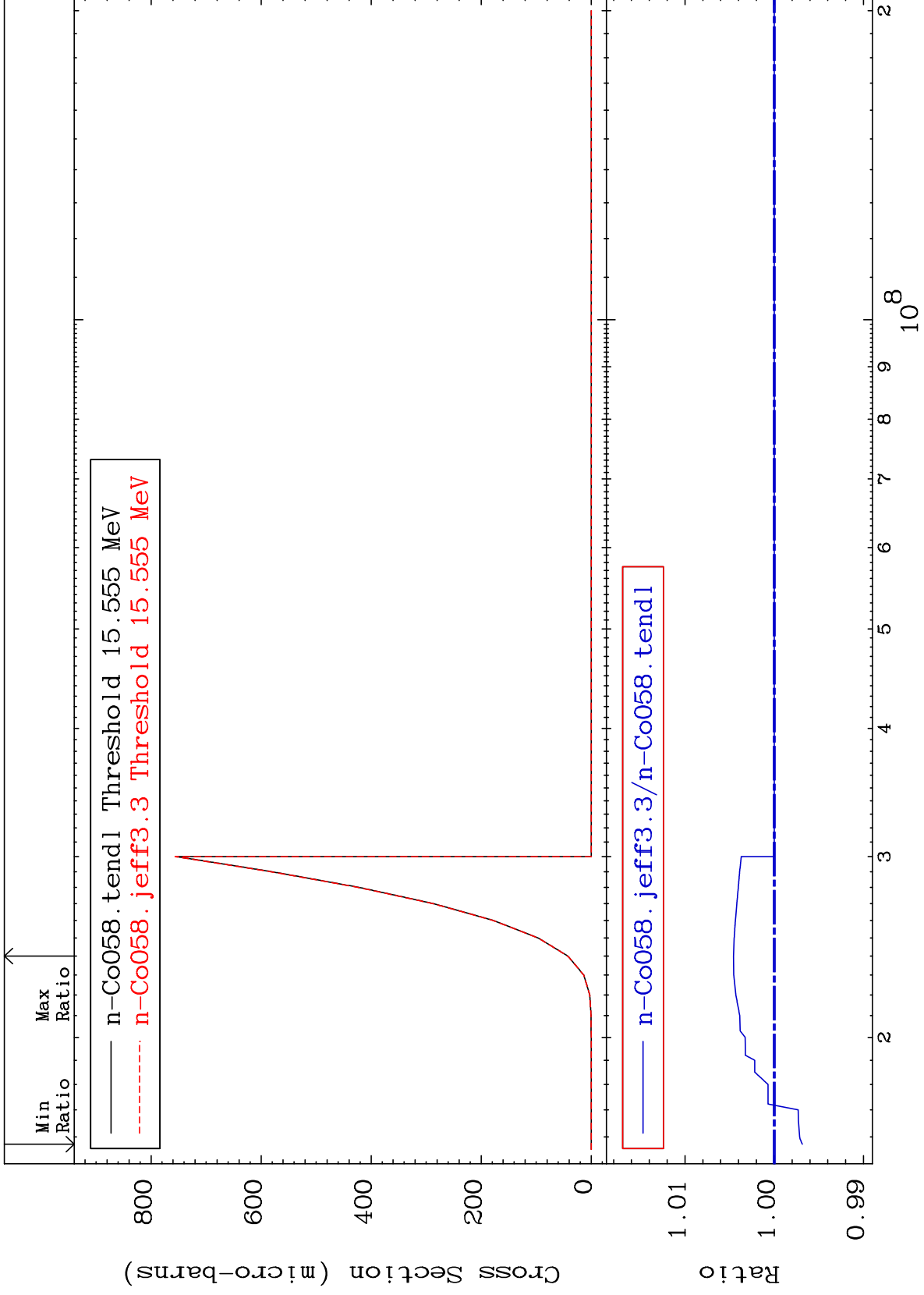
0.000

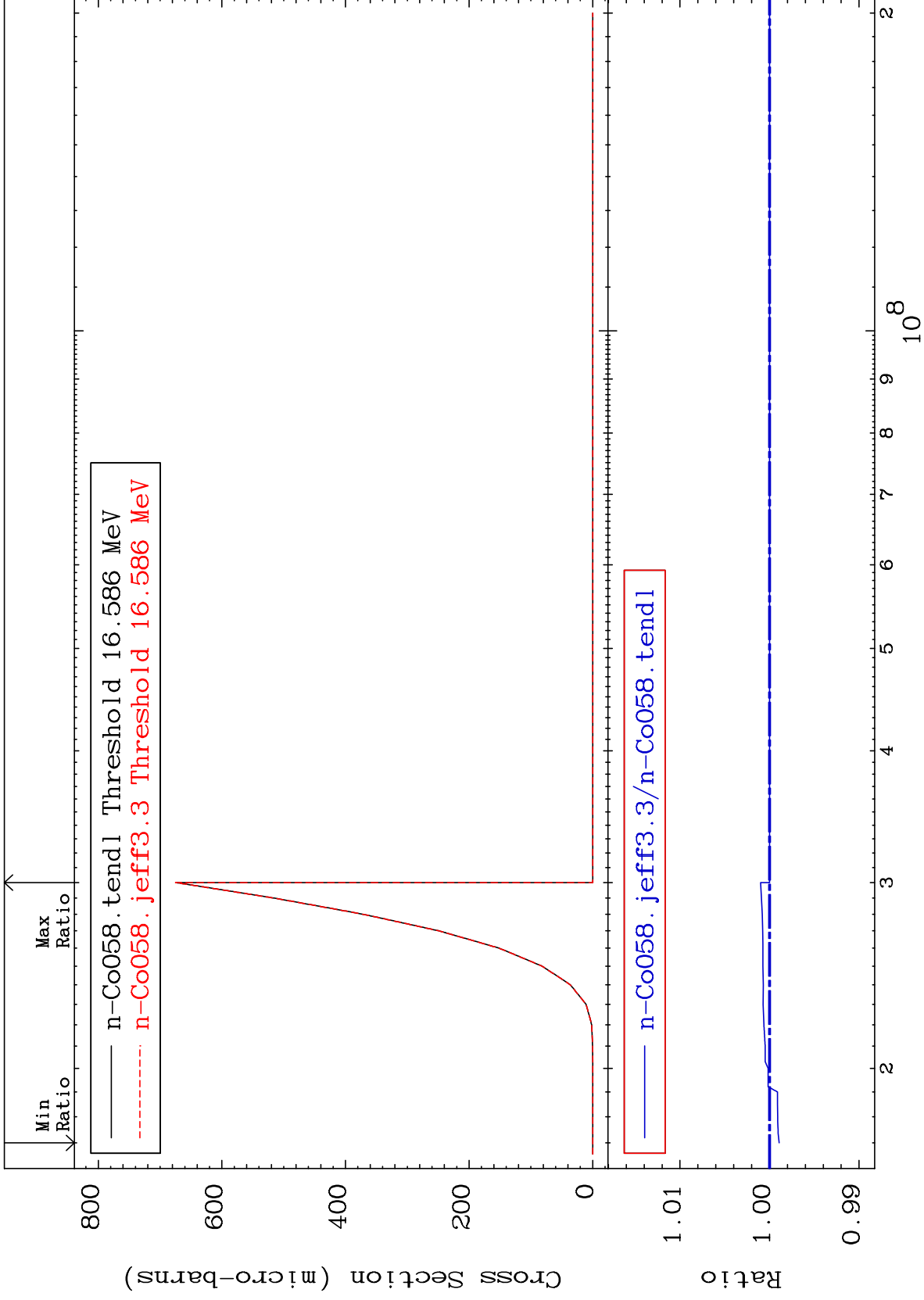
To 1.399 %

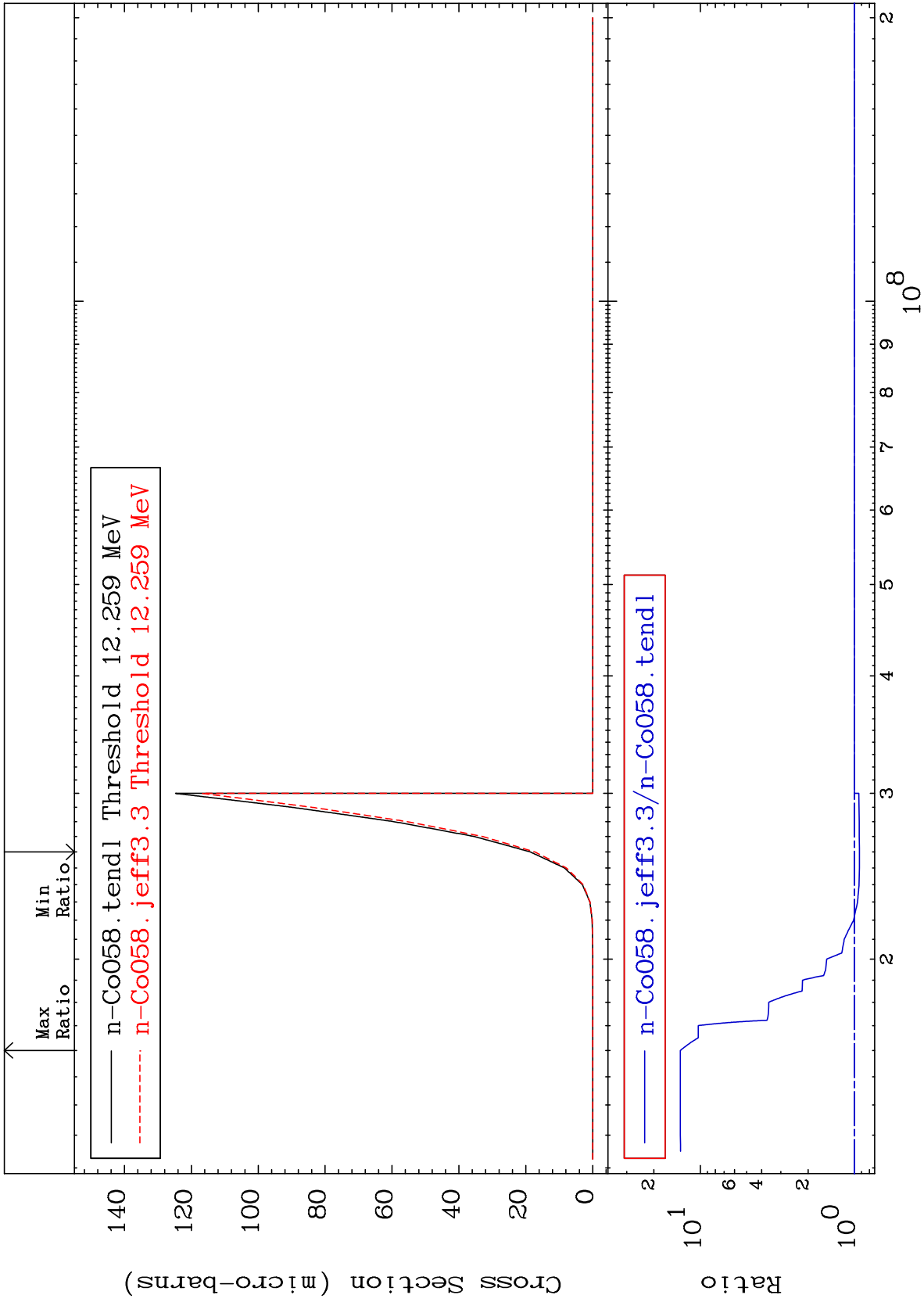








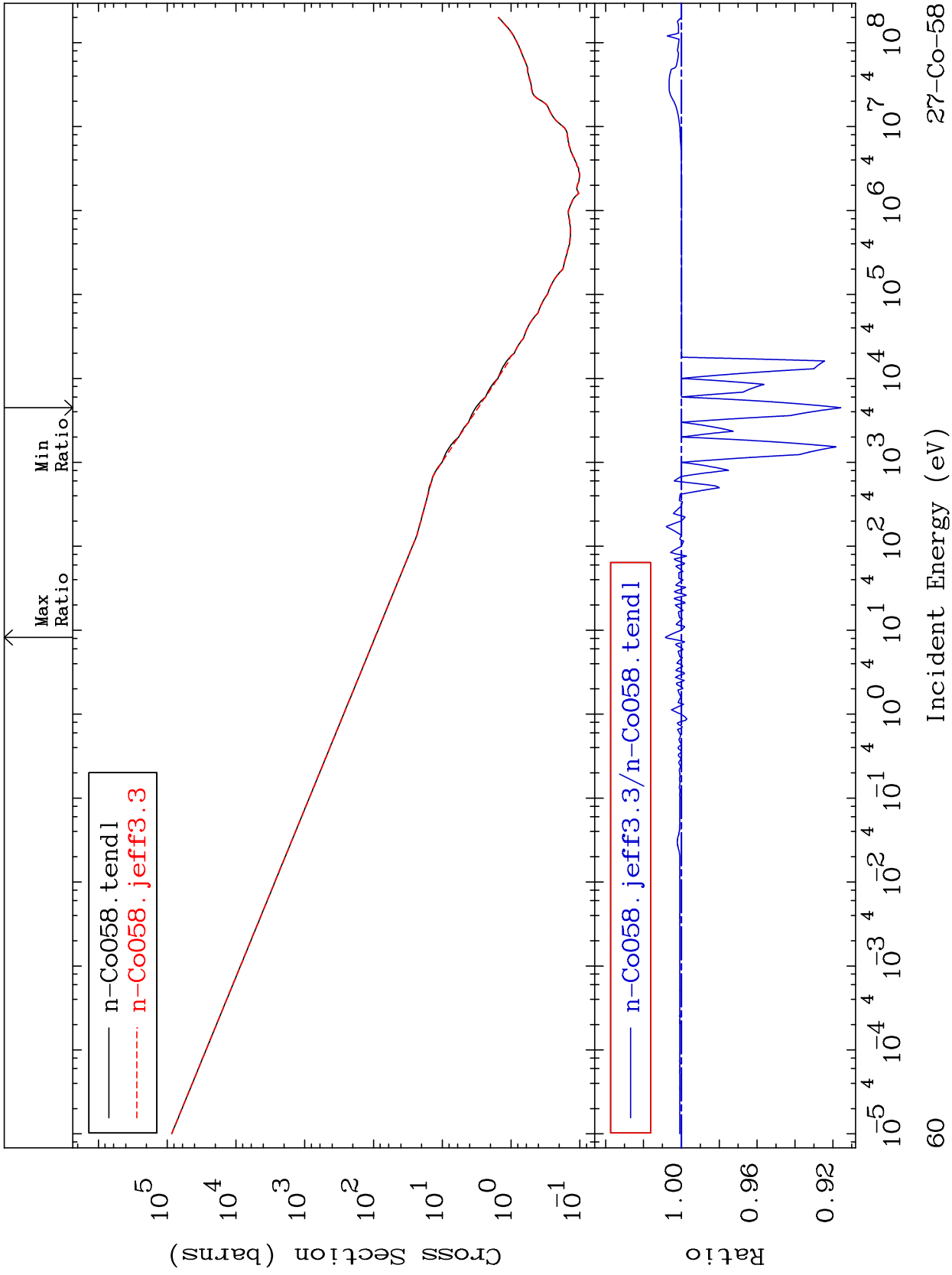




MAT 2722

Hydrogen Production  
Cross Section

27-Co-58  
-8.413 To 0.838 %



60

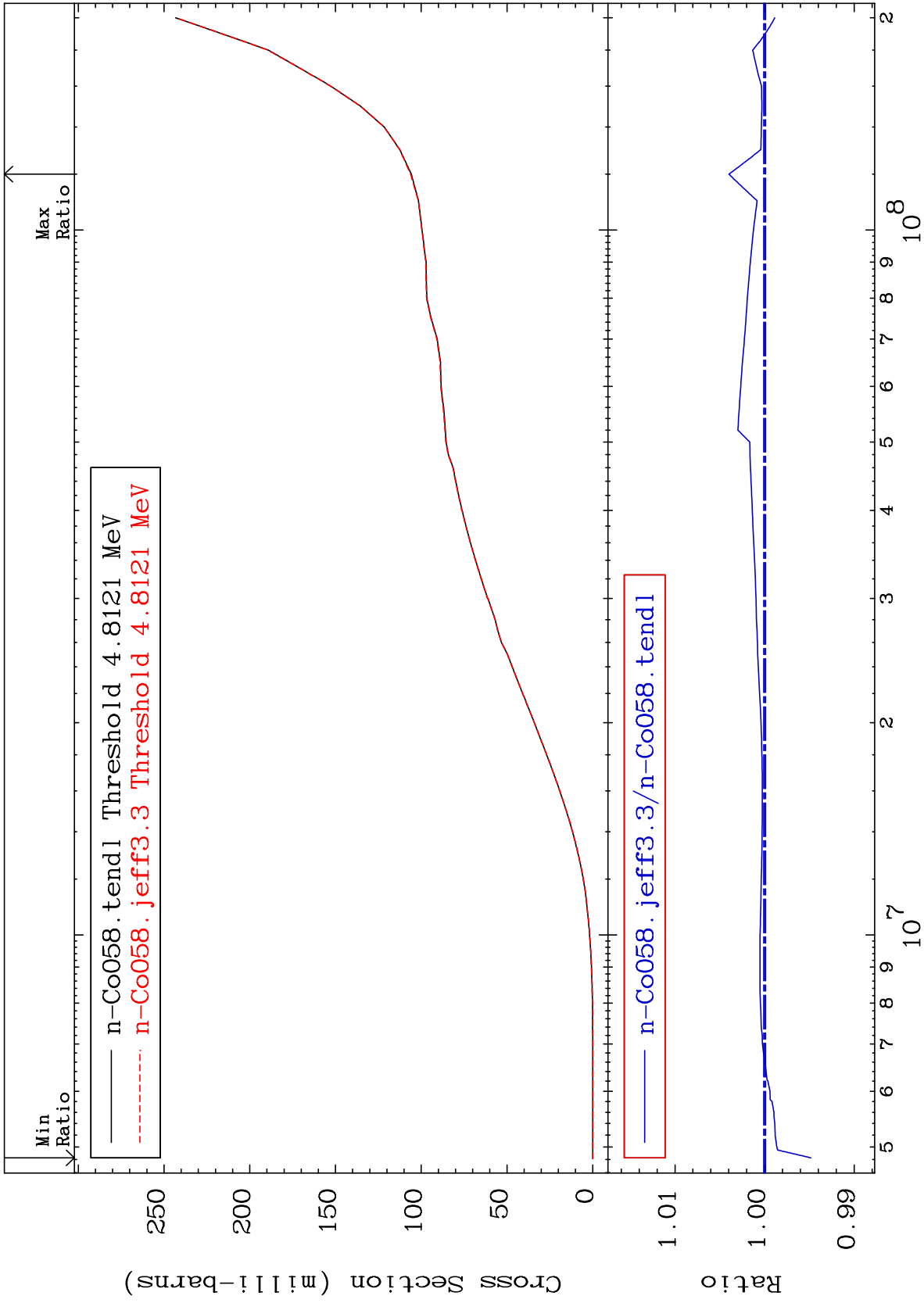
Incident Energy (eV)

27-Co-58

MAT 2722

Deuterium Production  
Cross Section

<sup>27</sup>Co-58  
-0.517 To 0.399 %



61

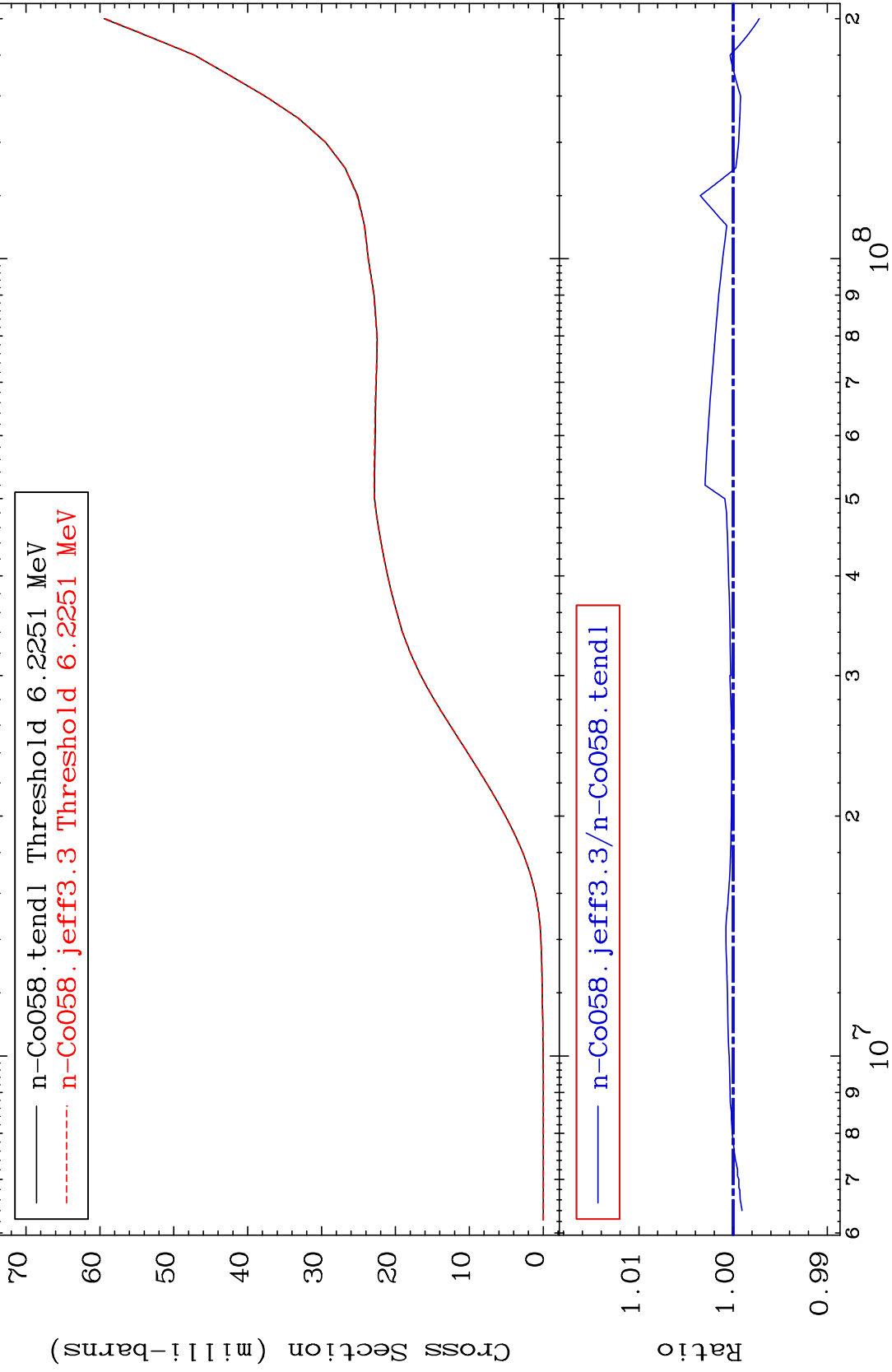
Incident Energy (eV)

<sup>27</sup>Co-58

MAT 2722

Tritium Production  
Cross Section

<sup>27</sup>Co-58  
-0.278 To 0.349 %



62

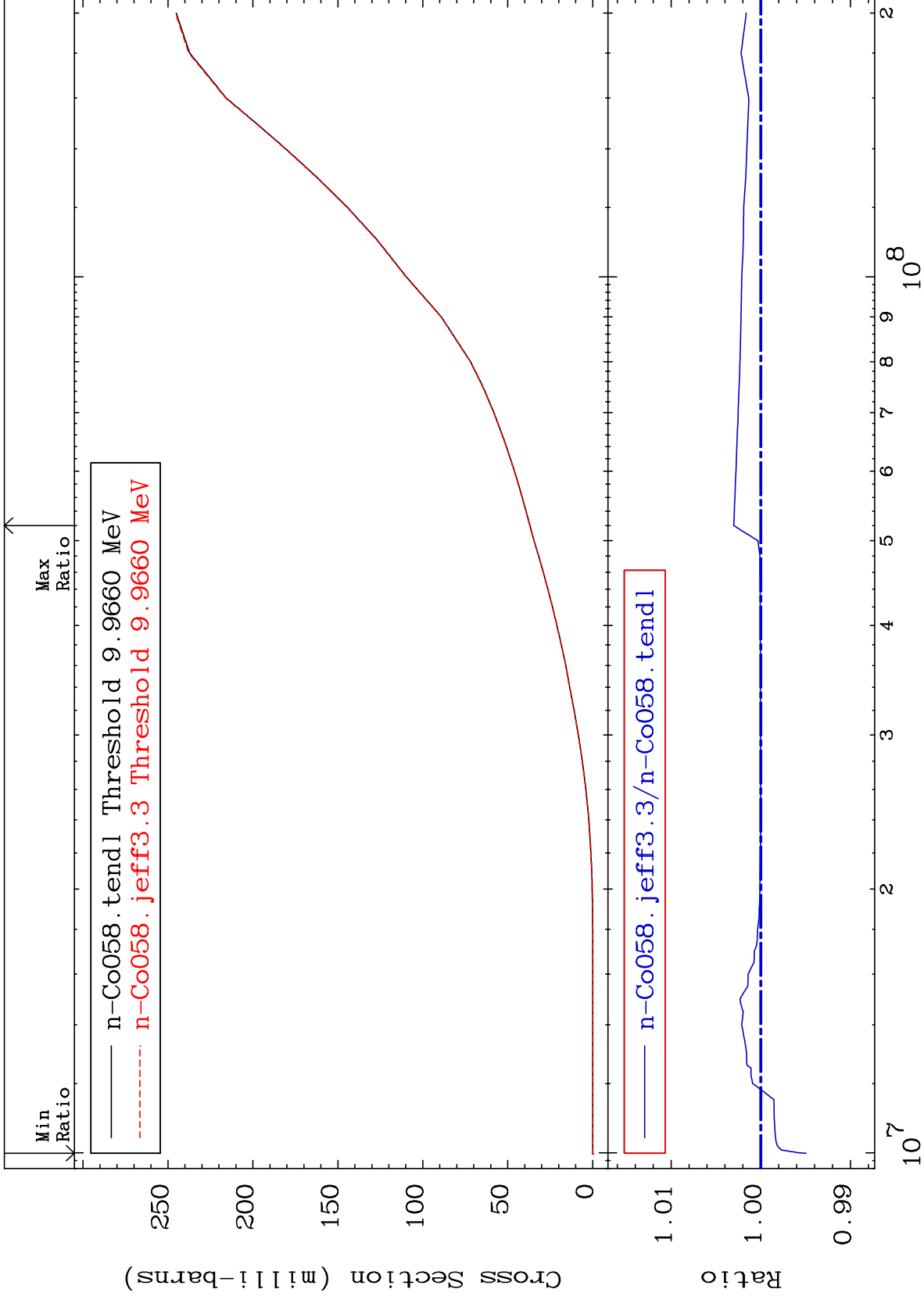
Incident Energy (eV)

<sup>27</sup>Co-58

MAT 2722

He-3 Production  
Cross Section

27-Co-58  
-0.504 To 0.301 %



63

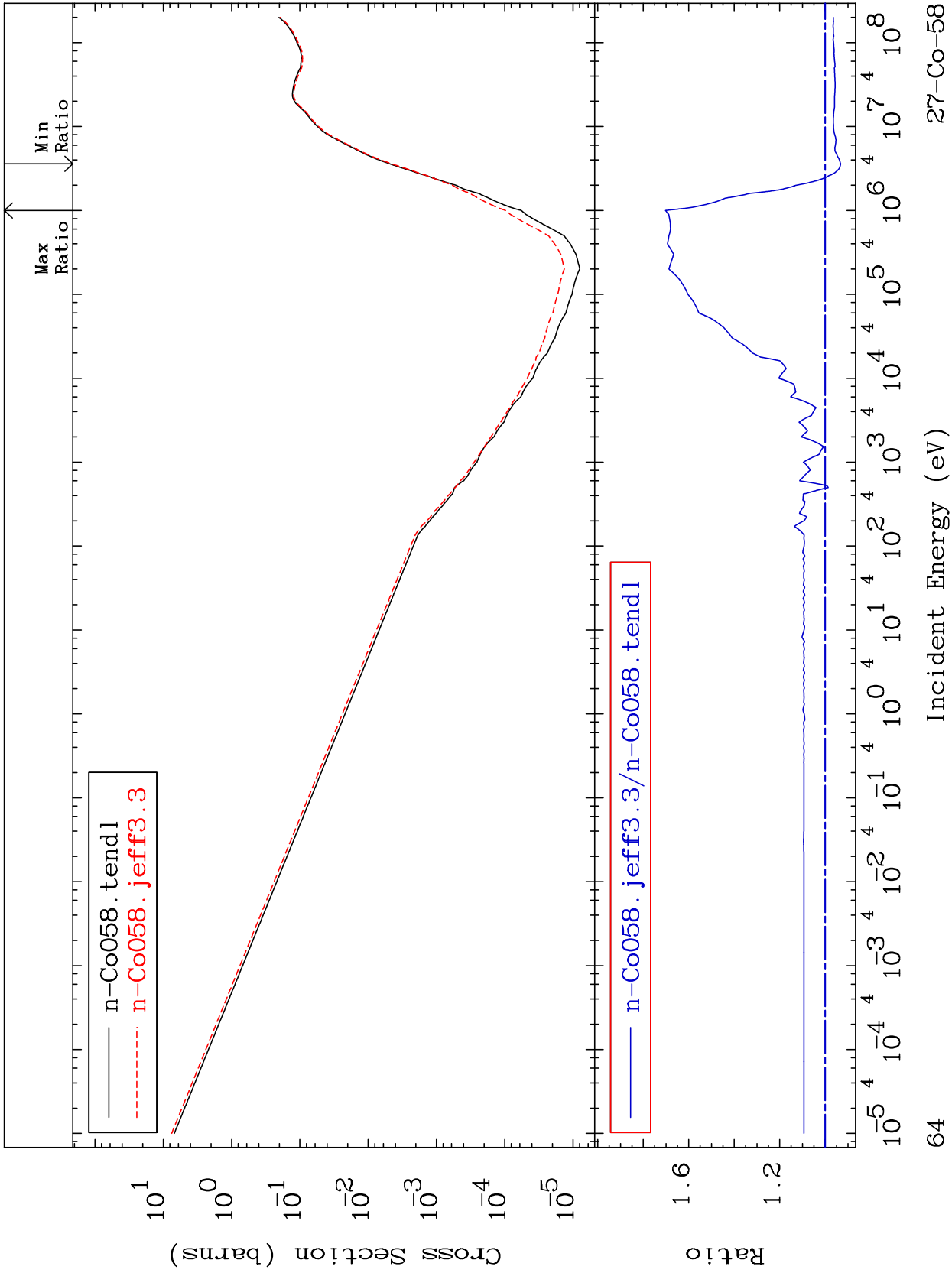
Incident Energy (eV)

27-Co-58

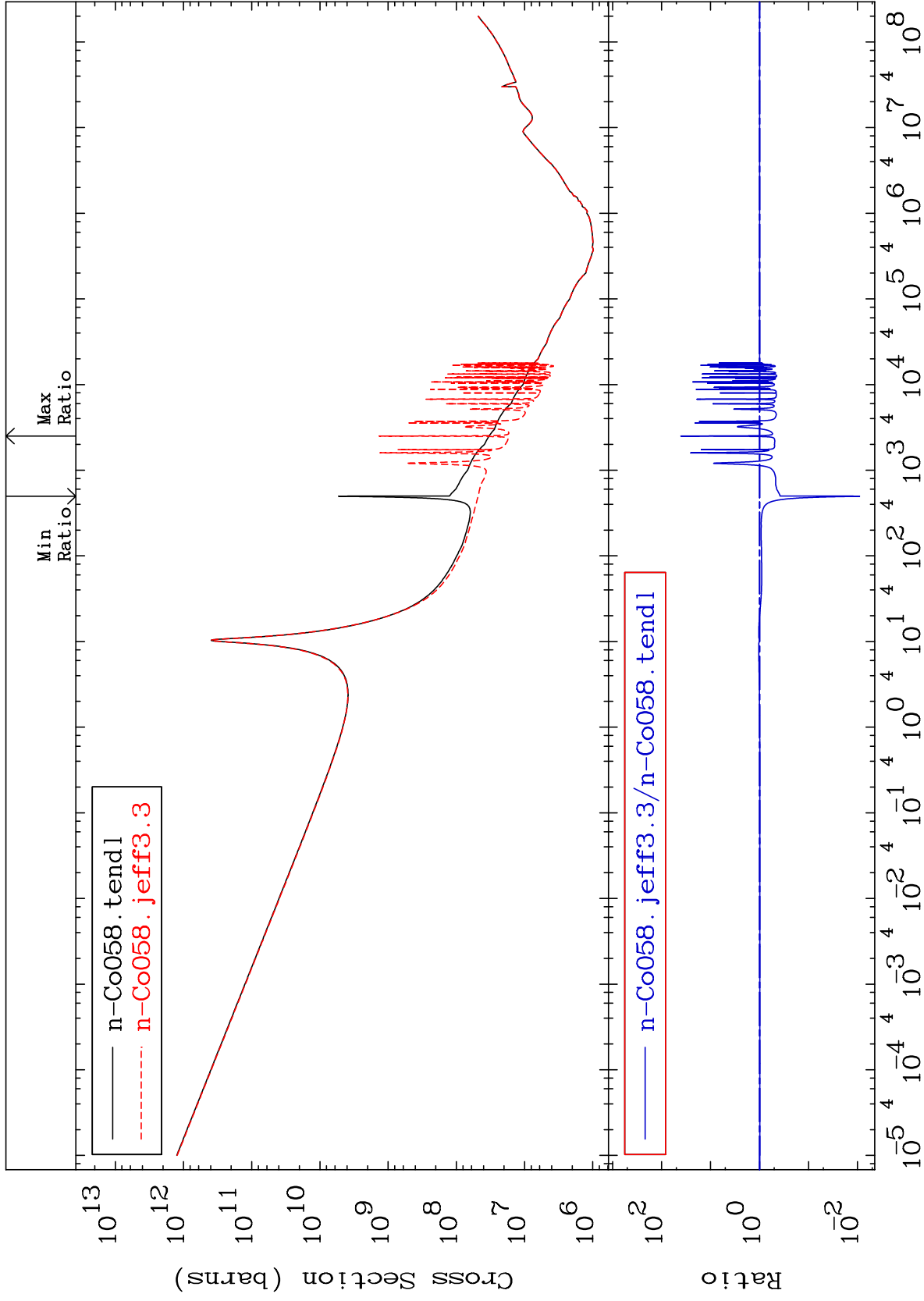
MAT 2722

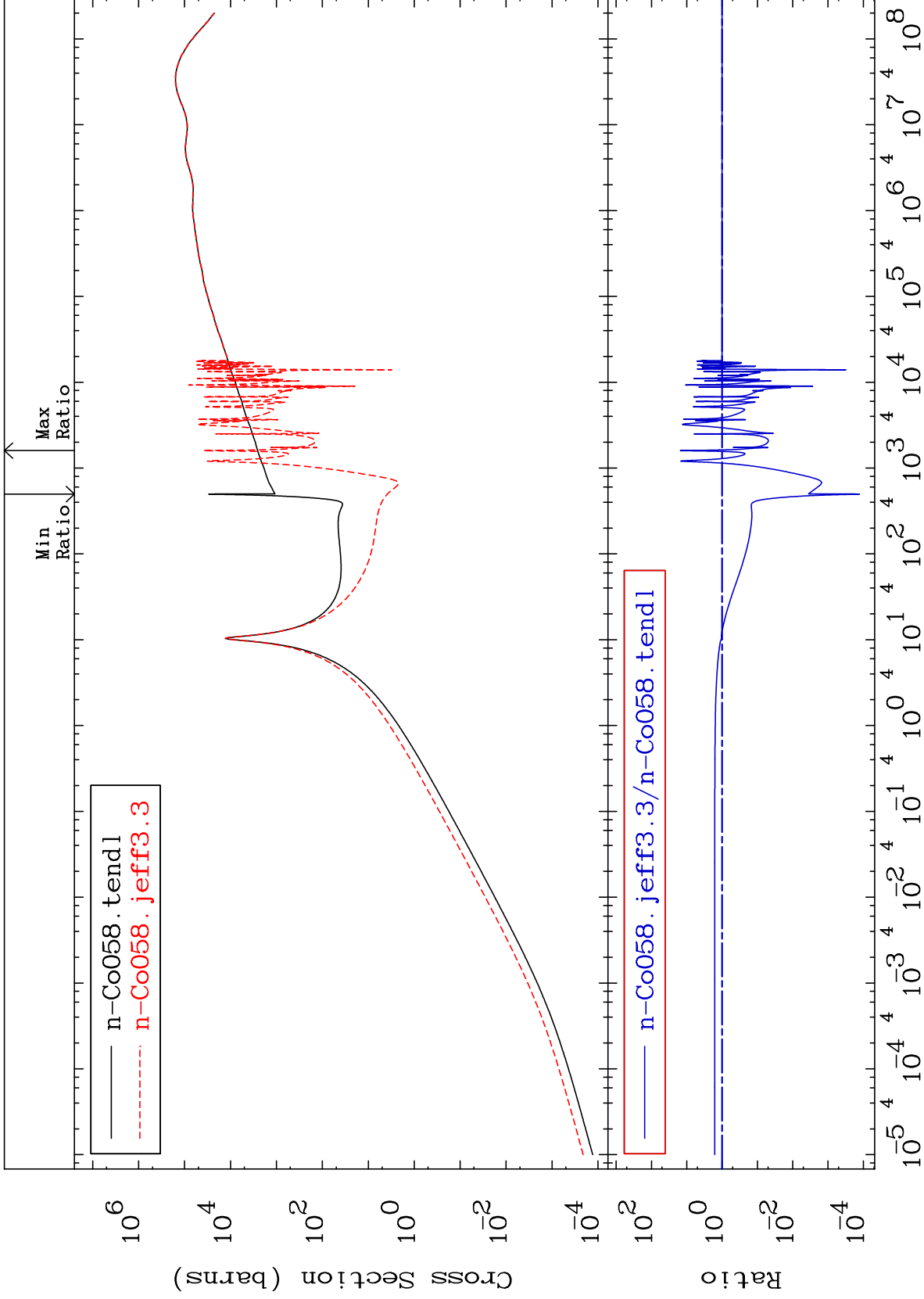
He-4 Production  
Cross Section

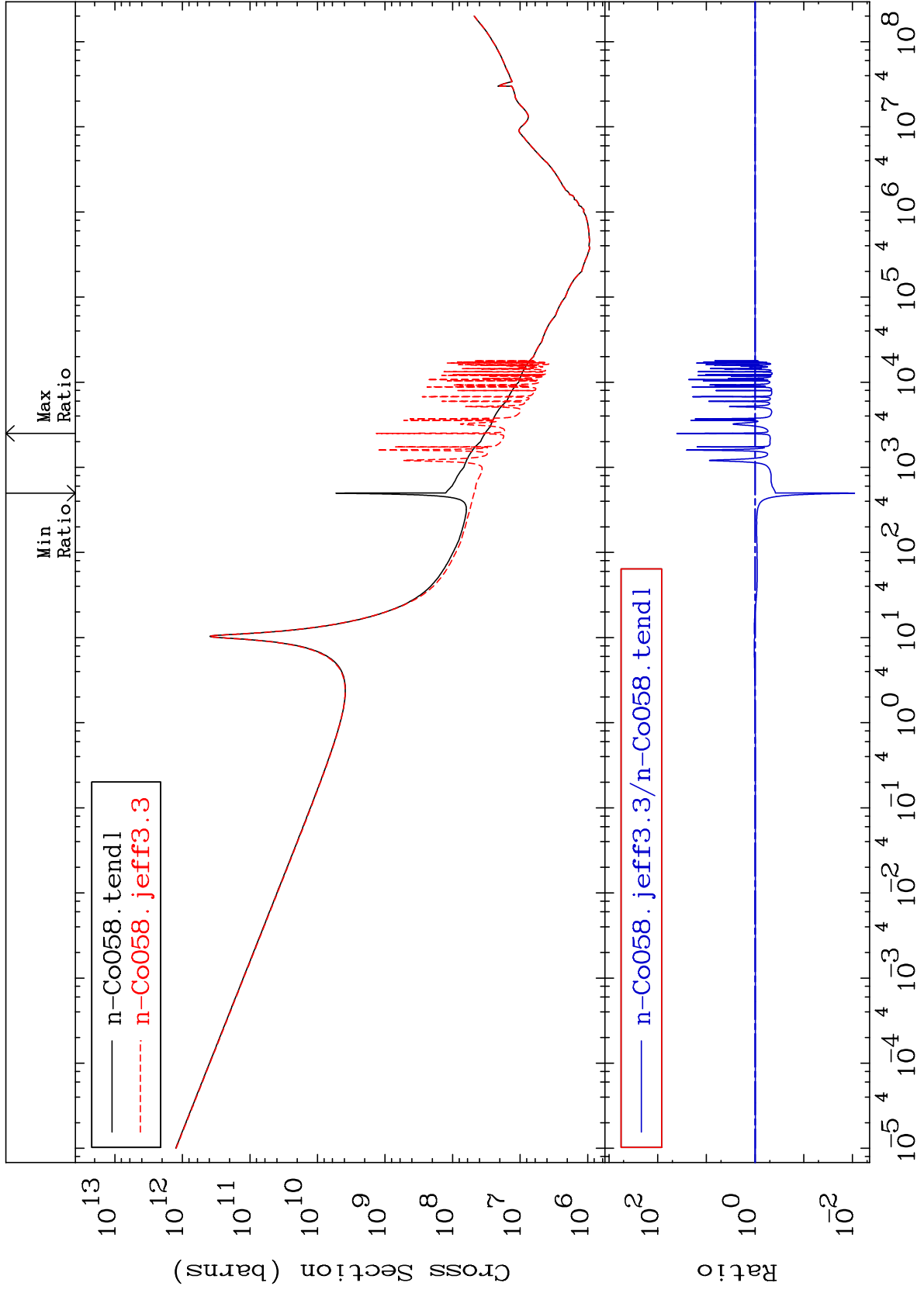
27-Co-58  
-6.783 To 70.24 %

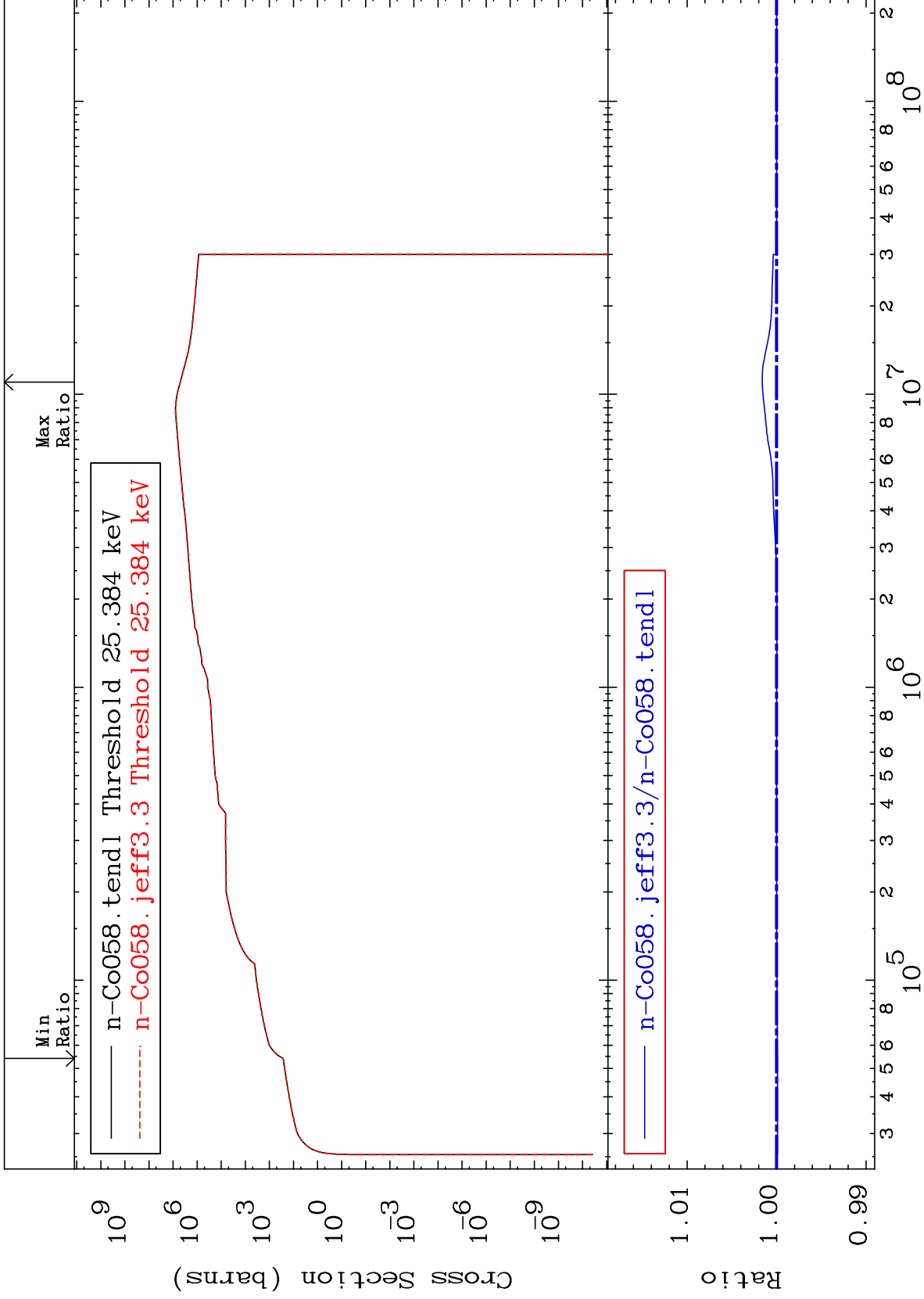


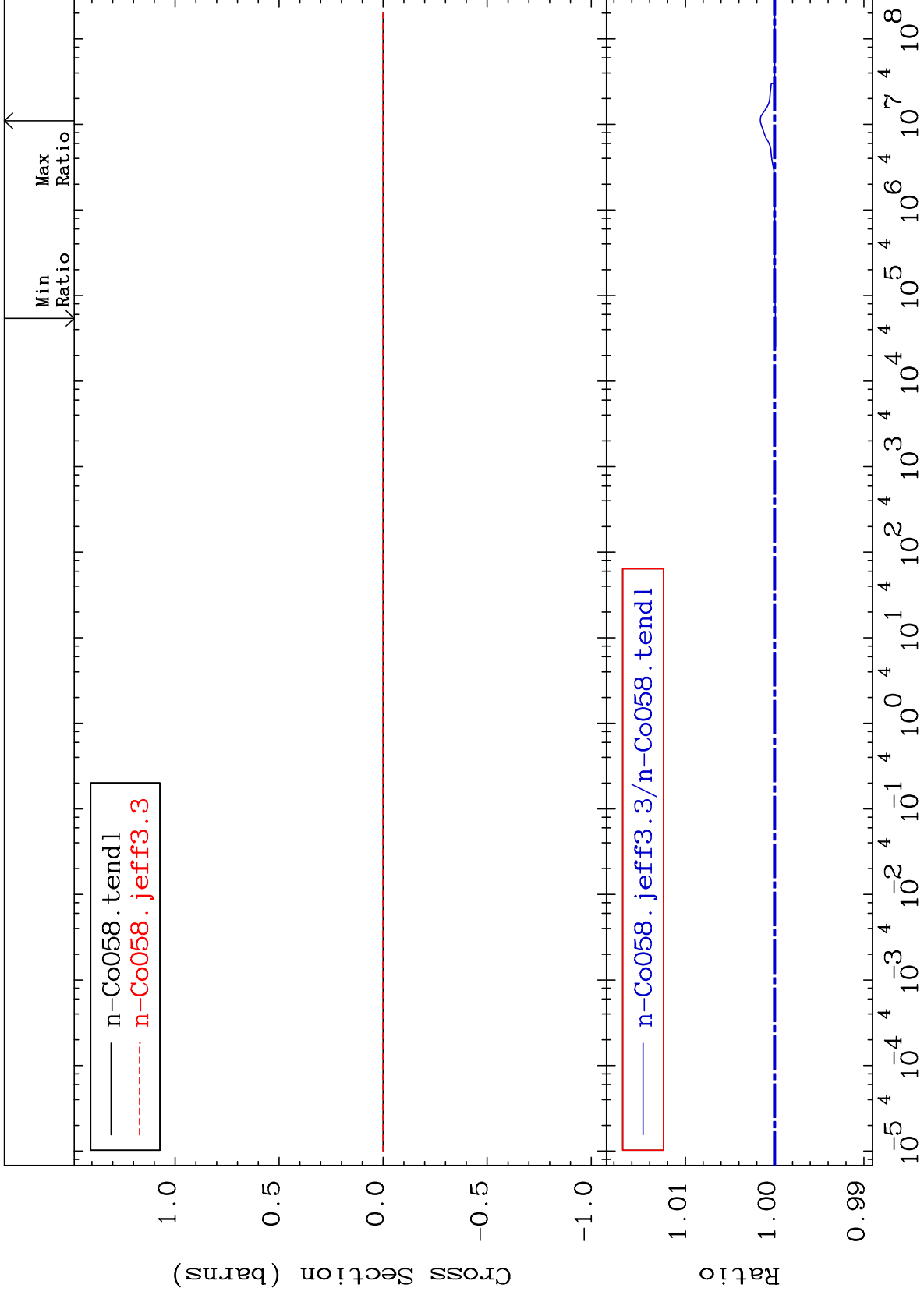








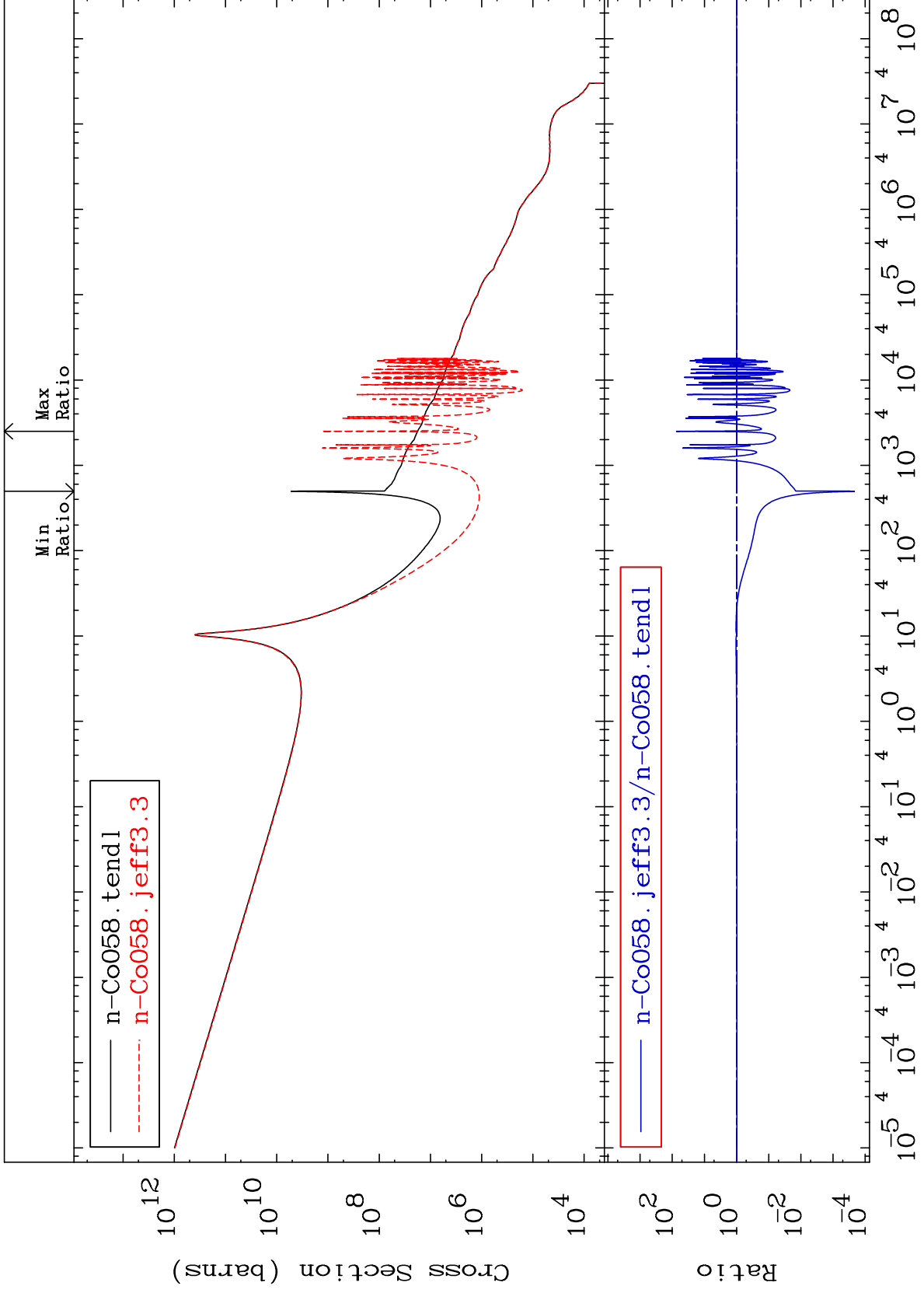




MAT 2722

Kerma capture (mt102)  
Cross Section

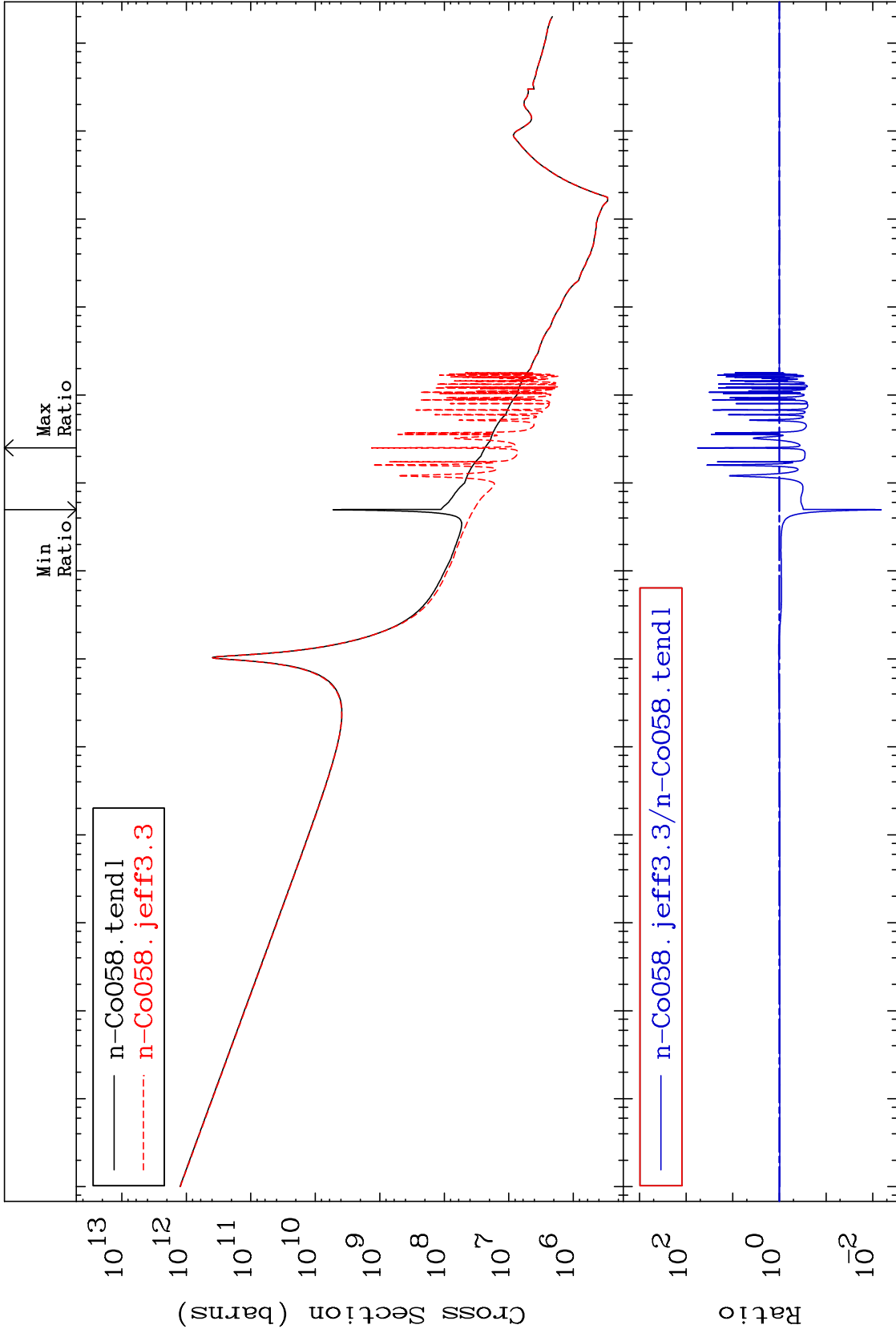
27-Co-58  
-99.98 To 7356. %

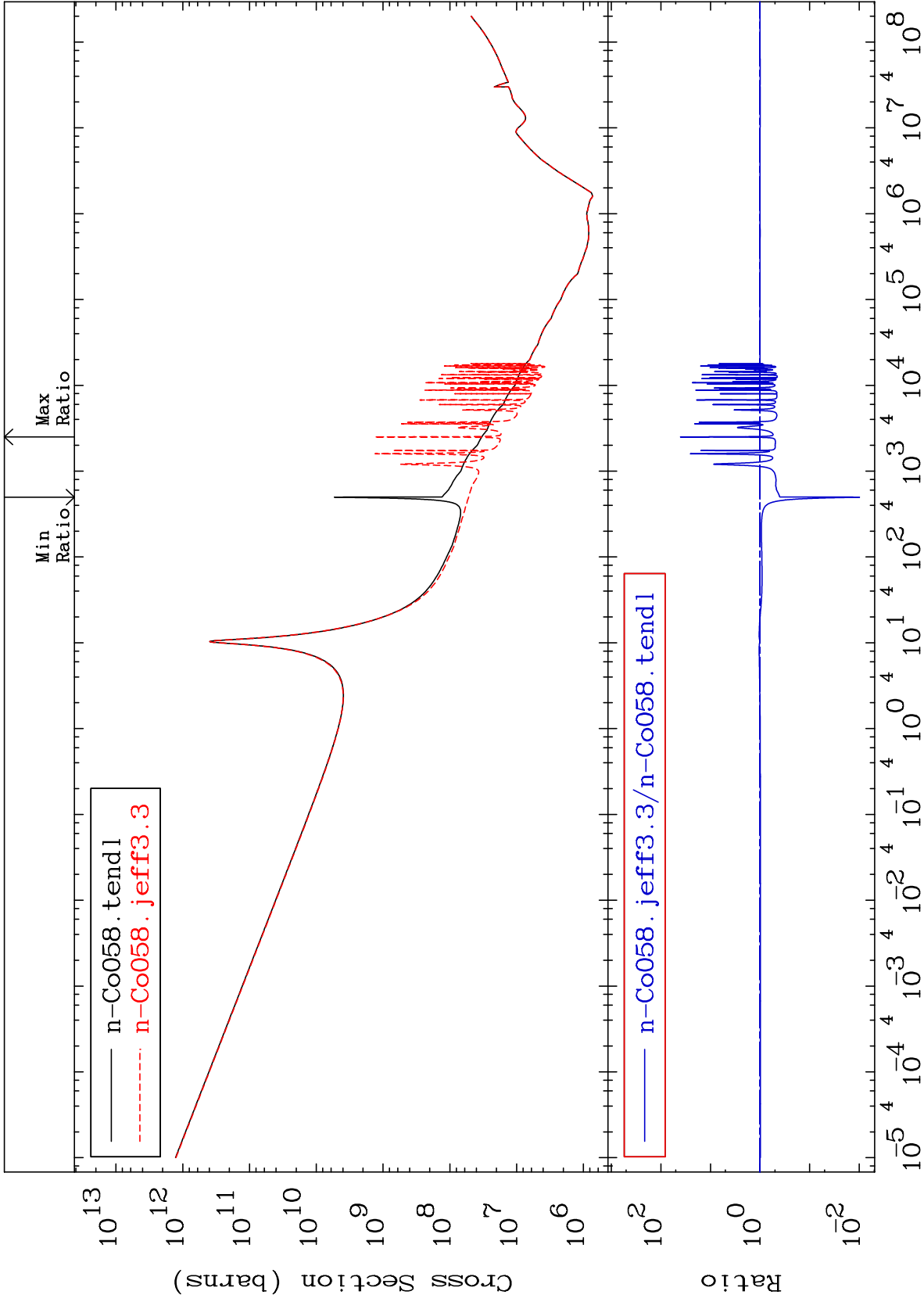


70

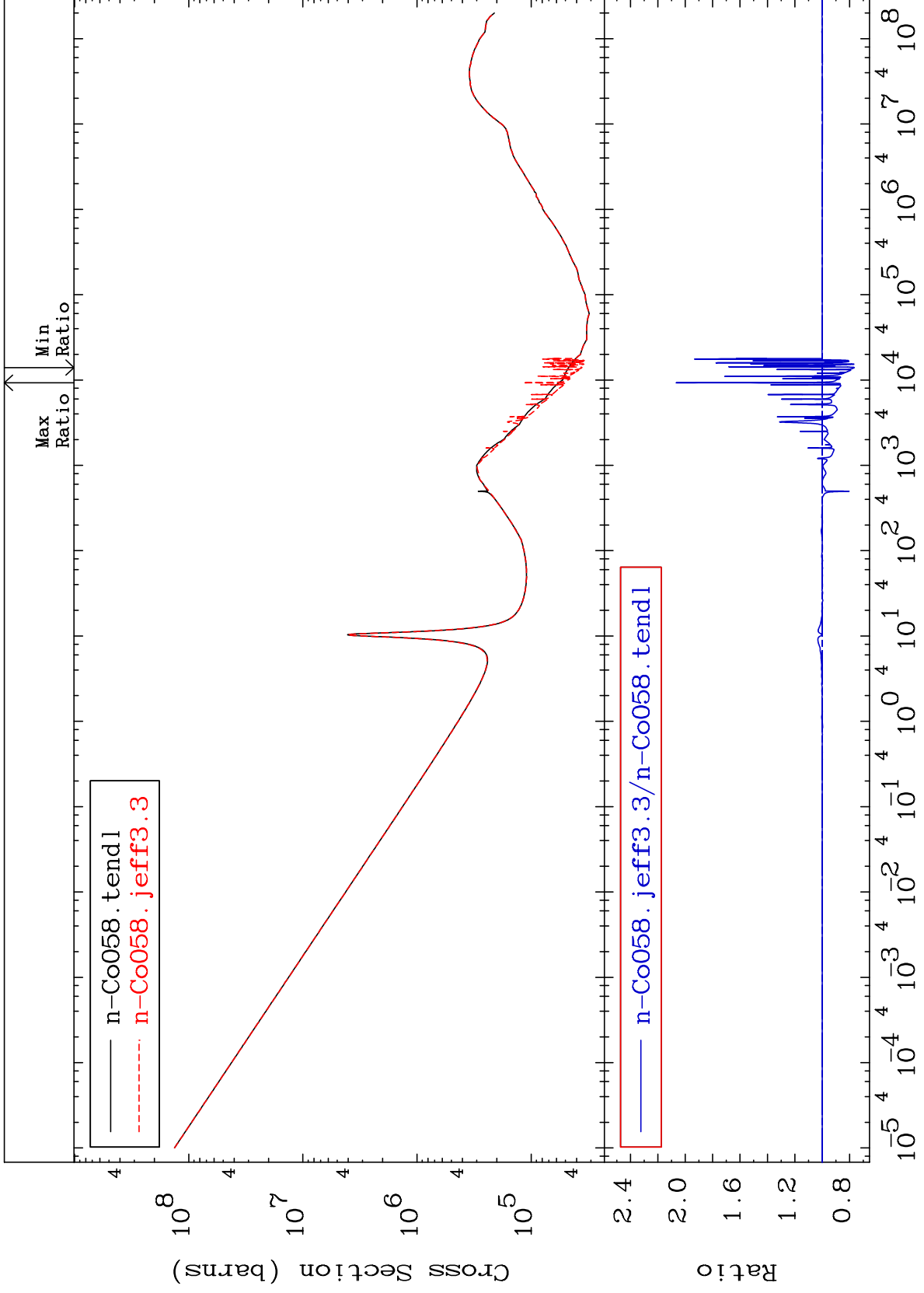
Incident Energy (eV)

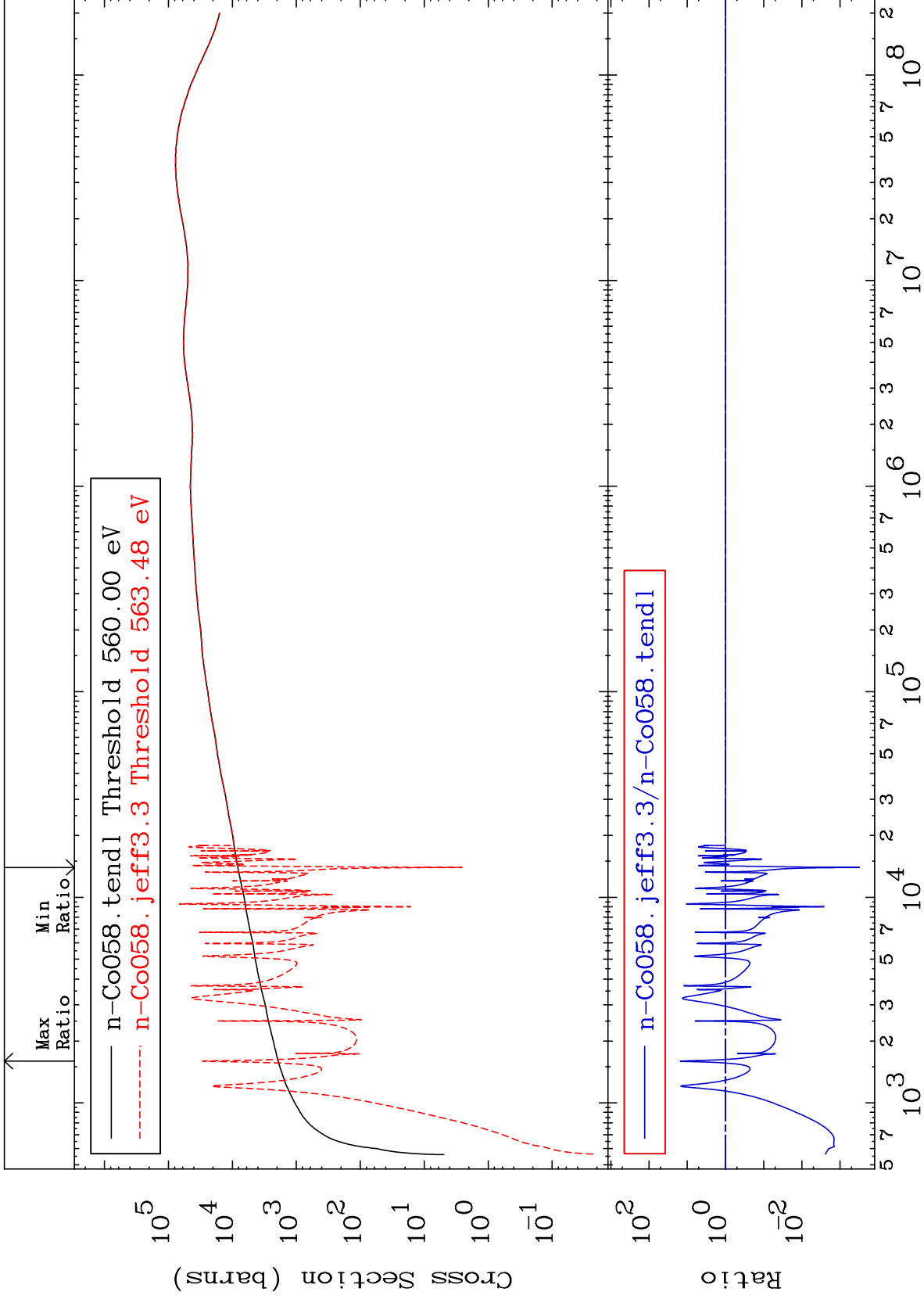
27-Co-58

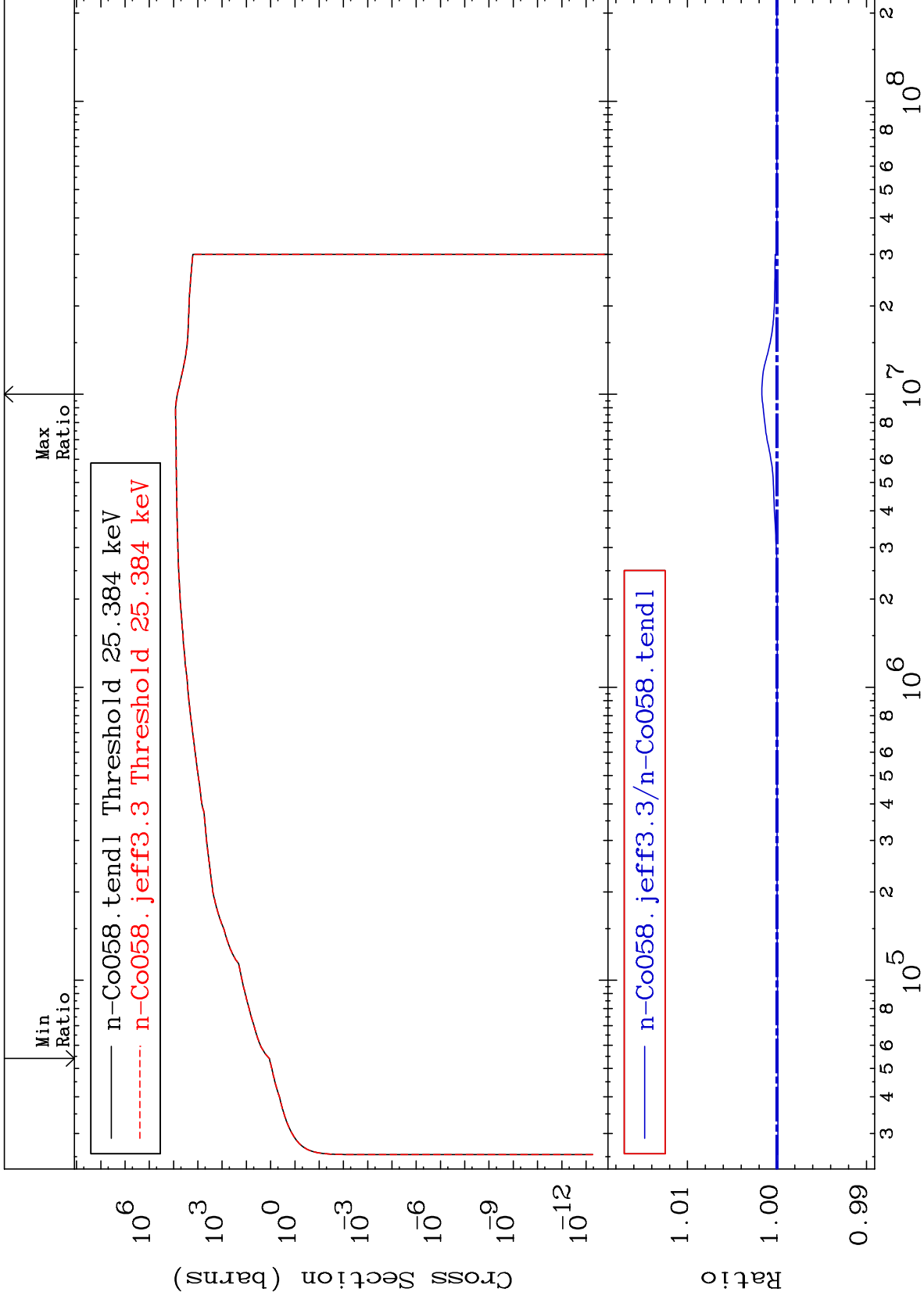


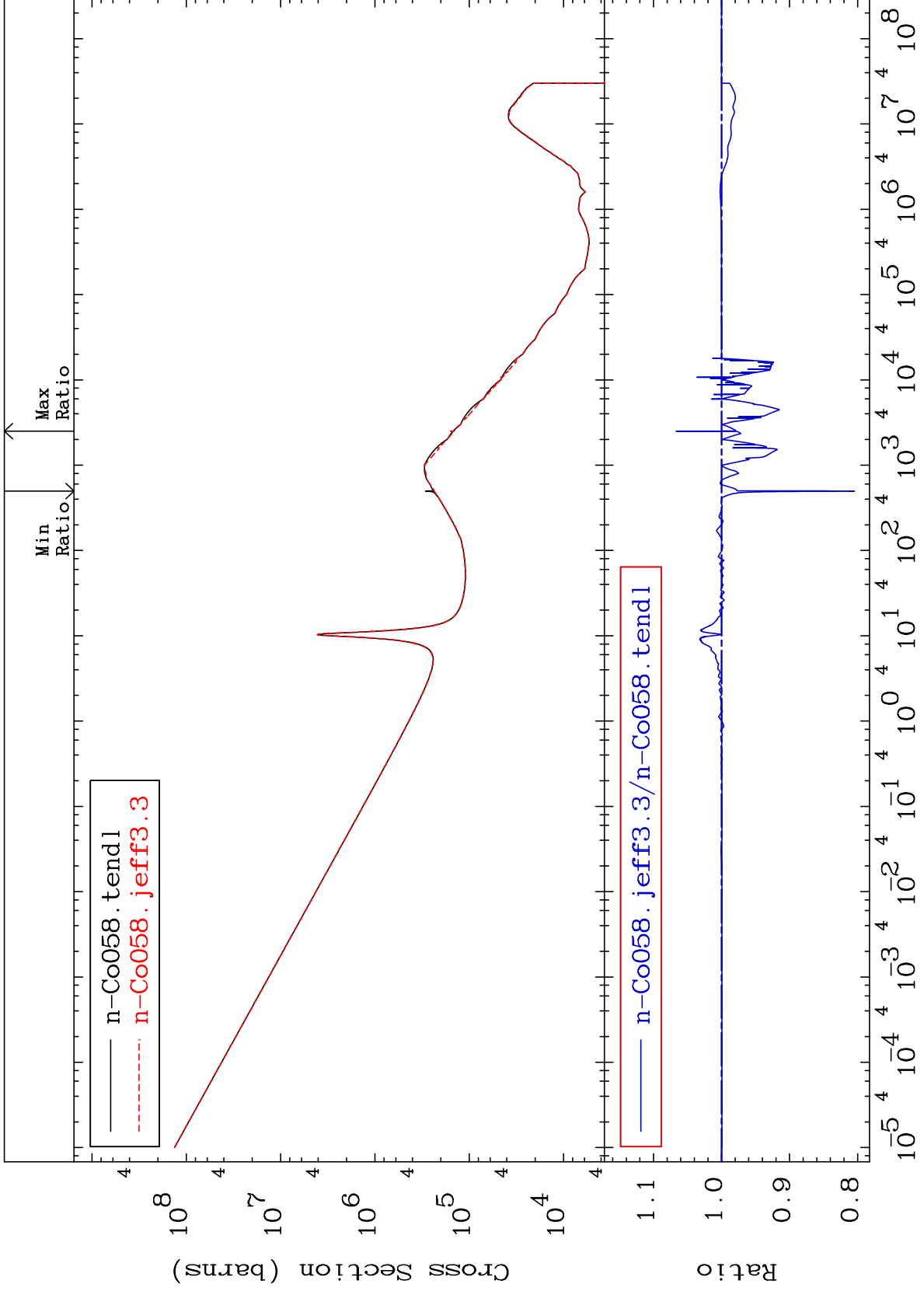












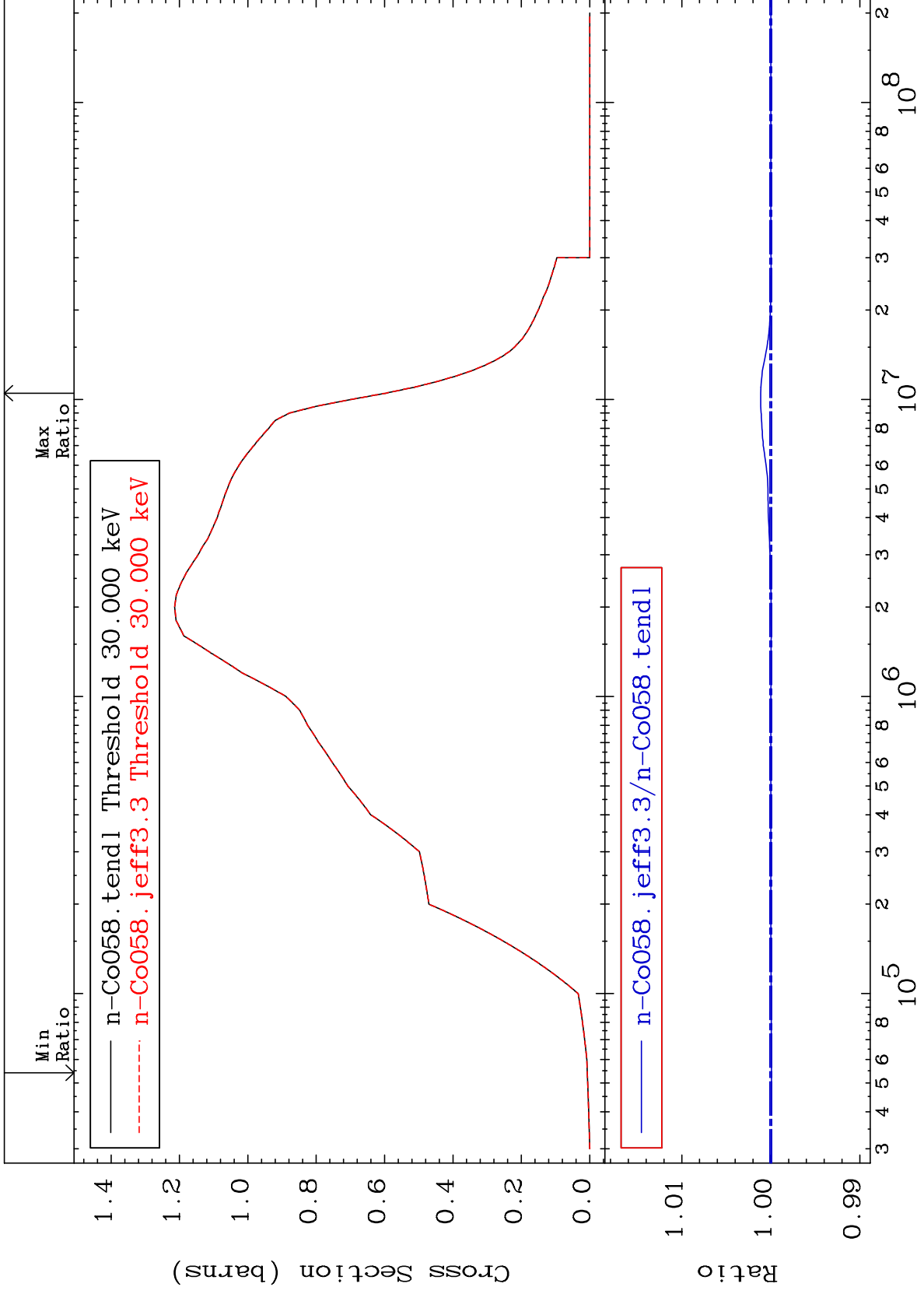
MAT 2722

Inelastic:27-Co-58g

27-Co-58

Radionuclide Production Cross Section

-0.007 To 0.114 %



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Incident Energy (eV)

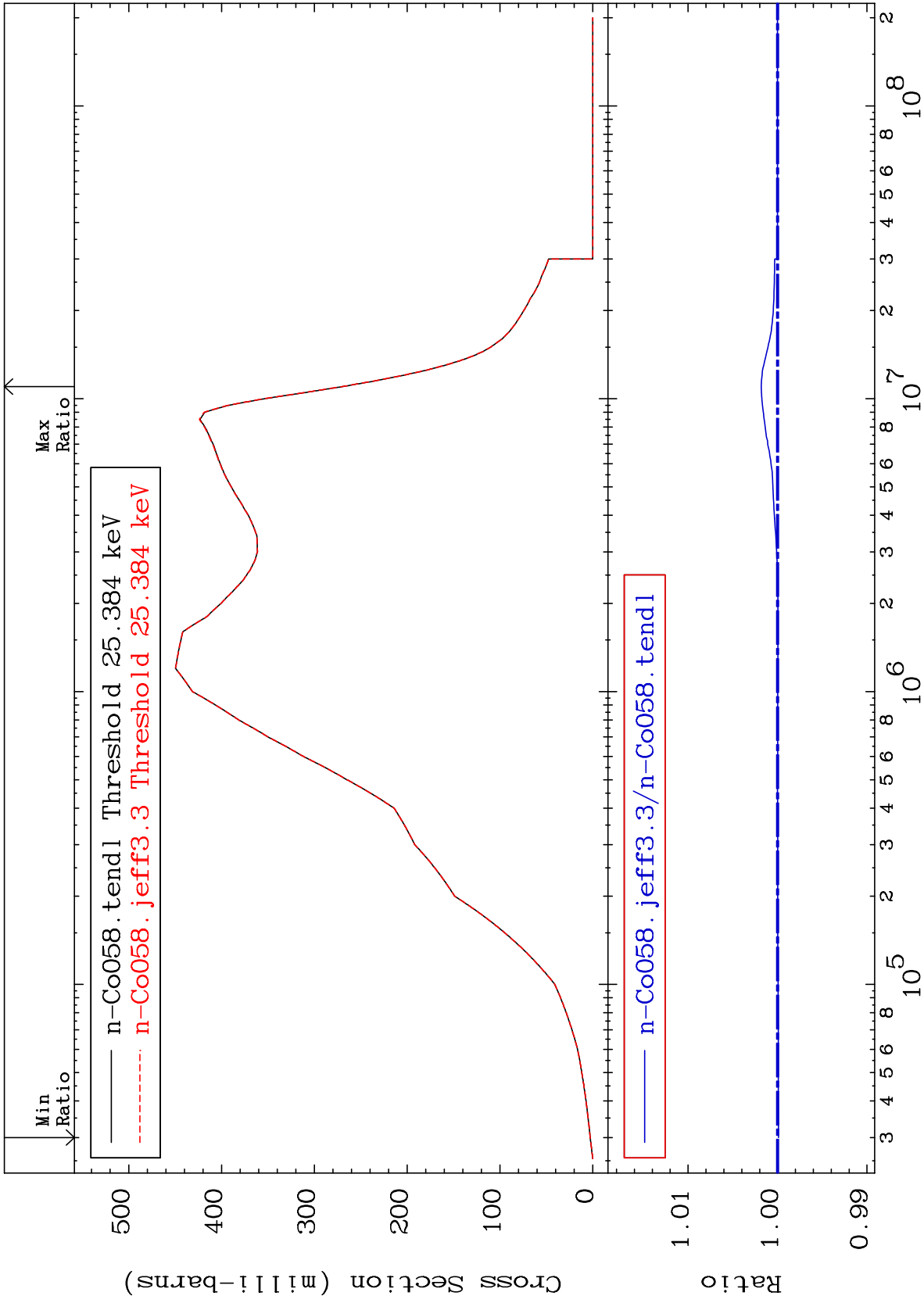
27-Co-58

MAT 2722

Inelastic:27-Co-58m1

27-Co-58

Radionuclide Production Cross Section -0.011 To 0.182 %



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Incident Energy (eV)

27-Co-58