

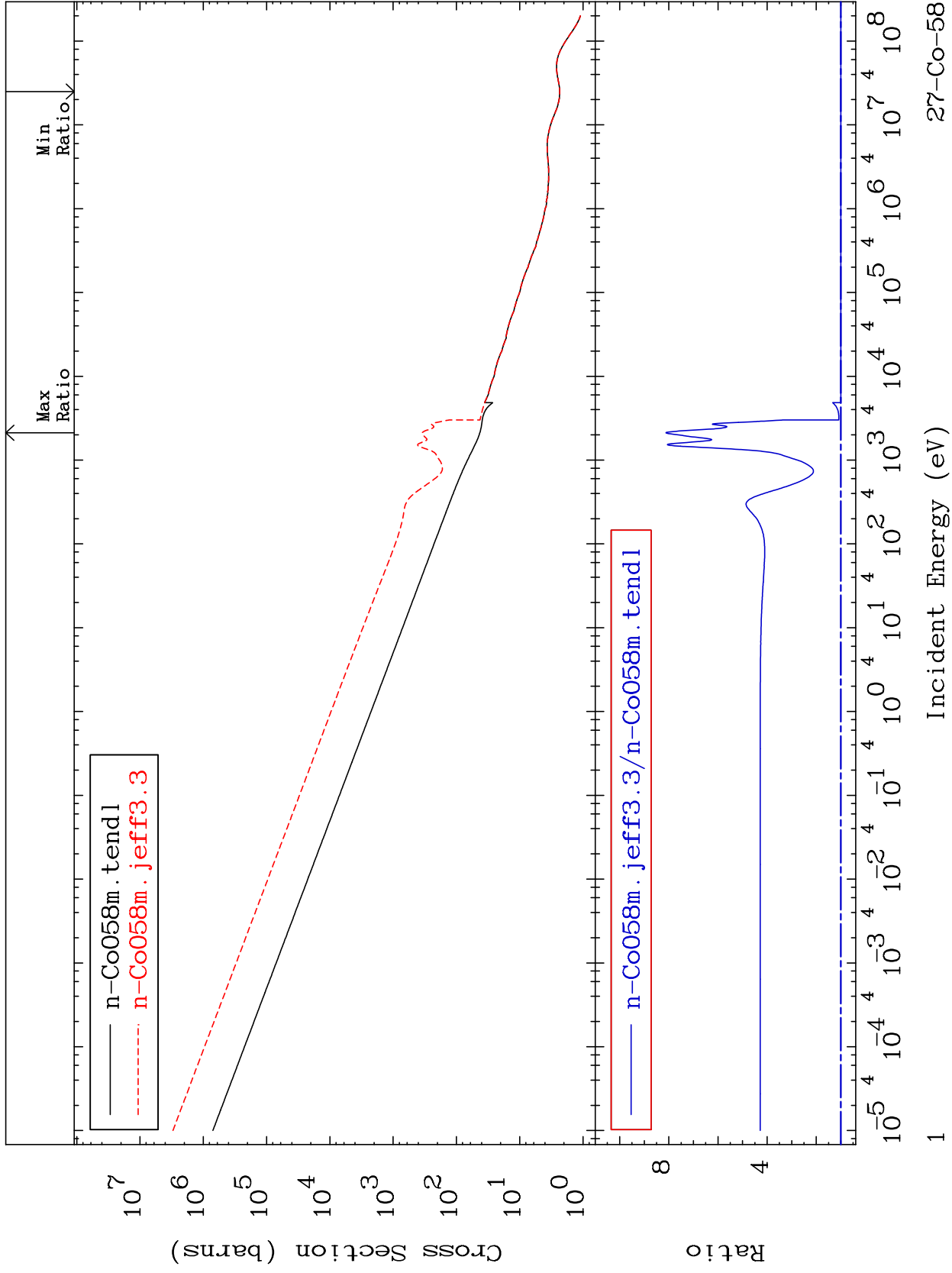
MAT 2723

Total

27-Co-58

Cross Section

-0.002 To 711.6 %



27-Co-58

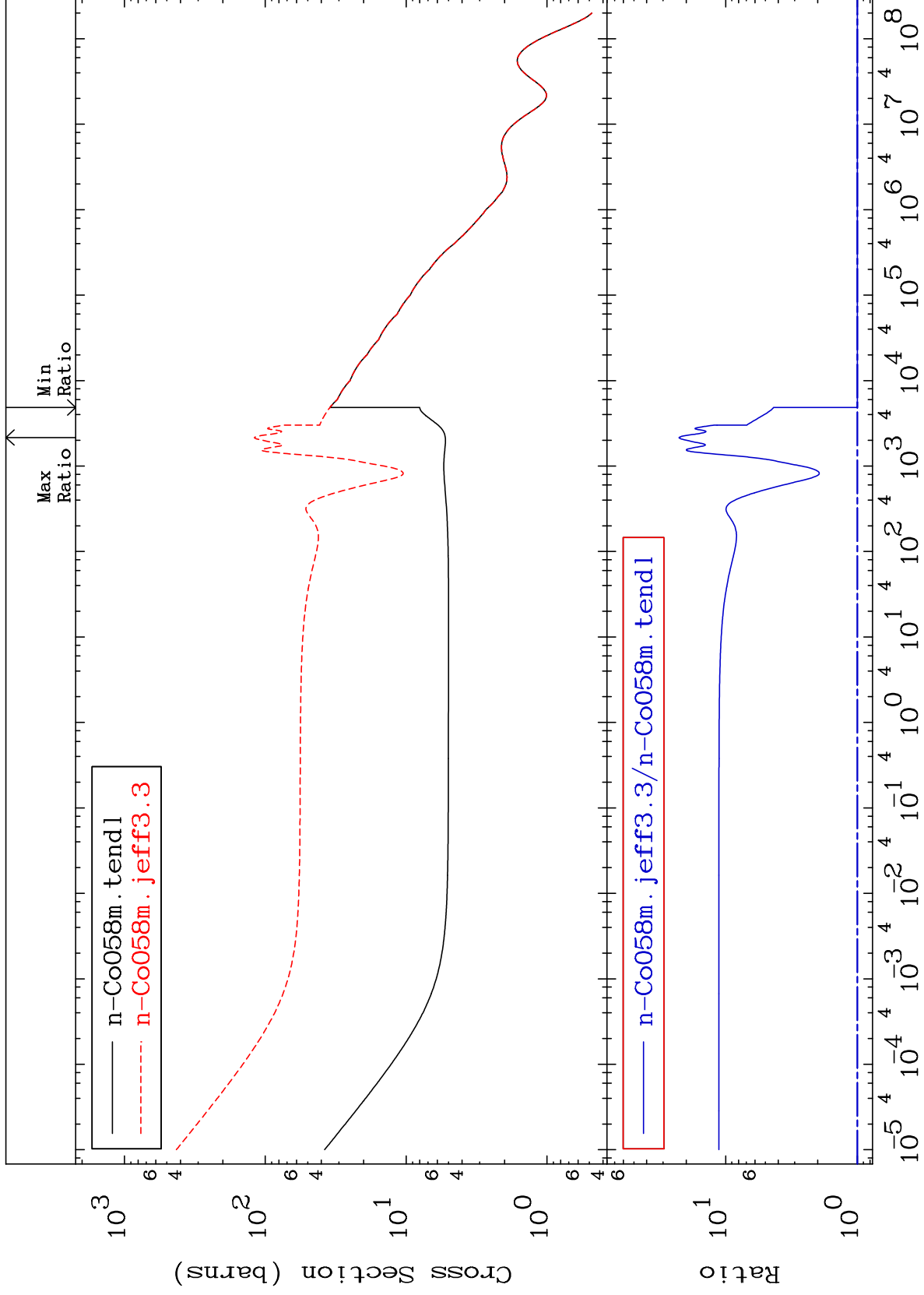
MAT 2723

Elastic

Cross Section

27-Co-58

-0.001 To 2167. %



2

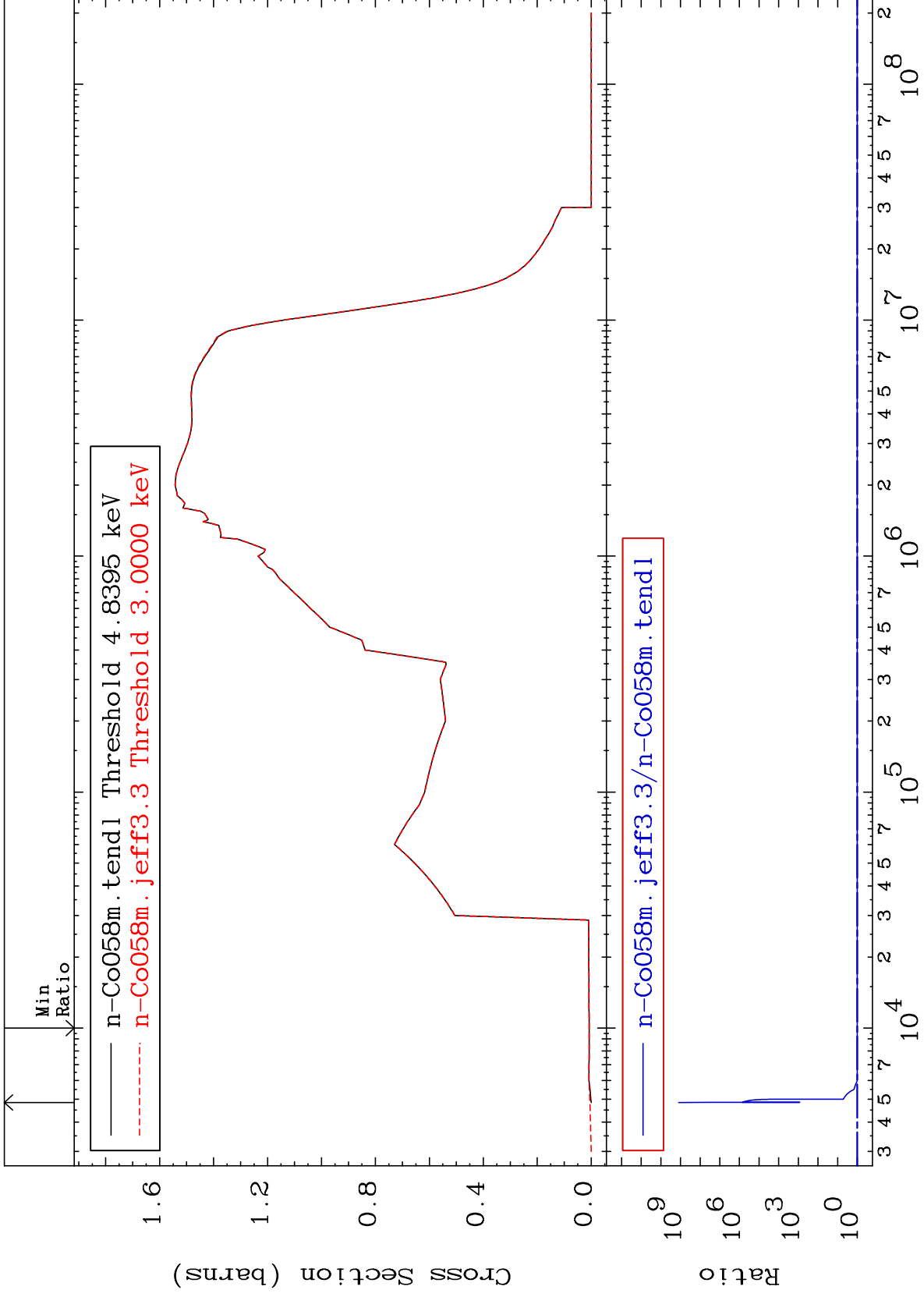
Incident Energy (eV)

27-Co-58

MAT 2723

Inelastic  
Cross Section

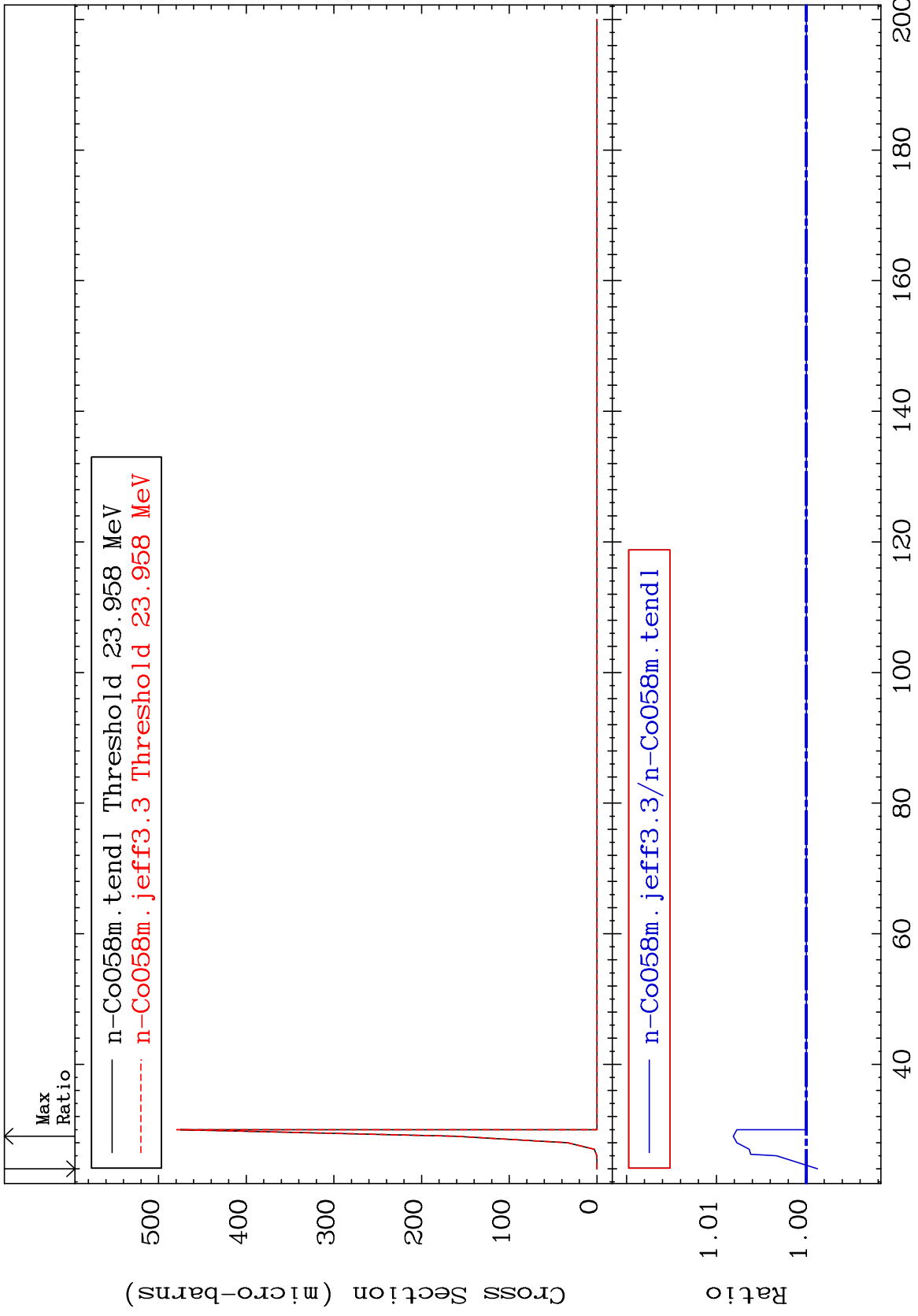
27-Co-58  
-0.012 To 9999. %



MAT 2723

(n,2n) d  
Cross Section

<sup>27</sup>Co-58  
-0.125 To 0.812 %



MAT 2723

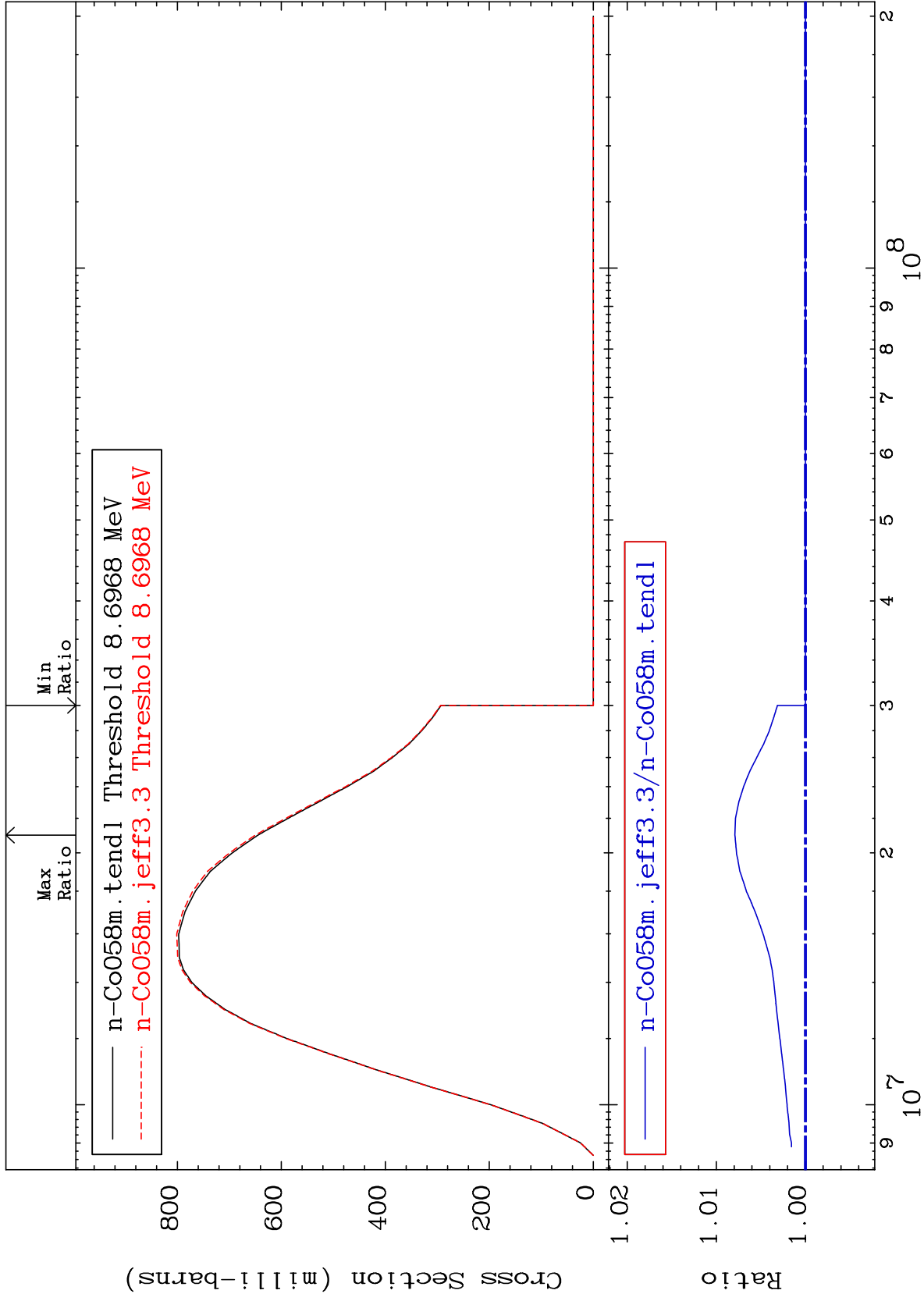
(n,2n)

<sup>27</sup>Co-58

Cross Section

0.000

To 0.791 %



MAT 2723

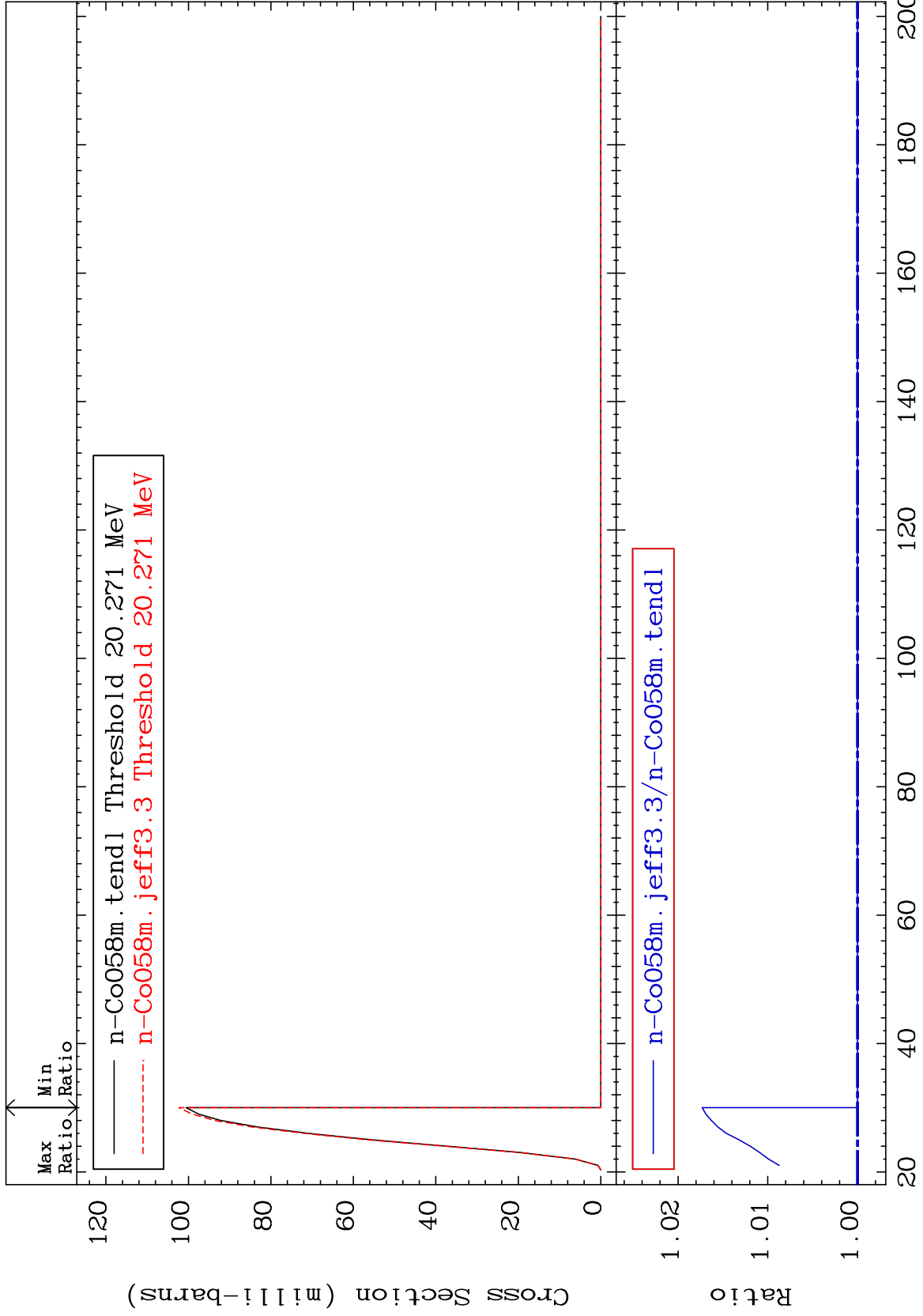
(n,3n)

<sup>27</sup>Co-58

Cross Section

0.000

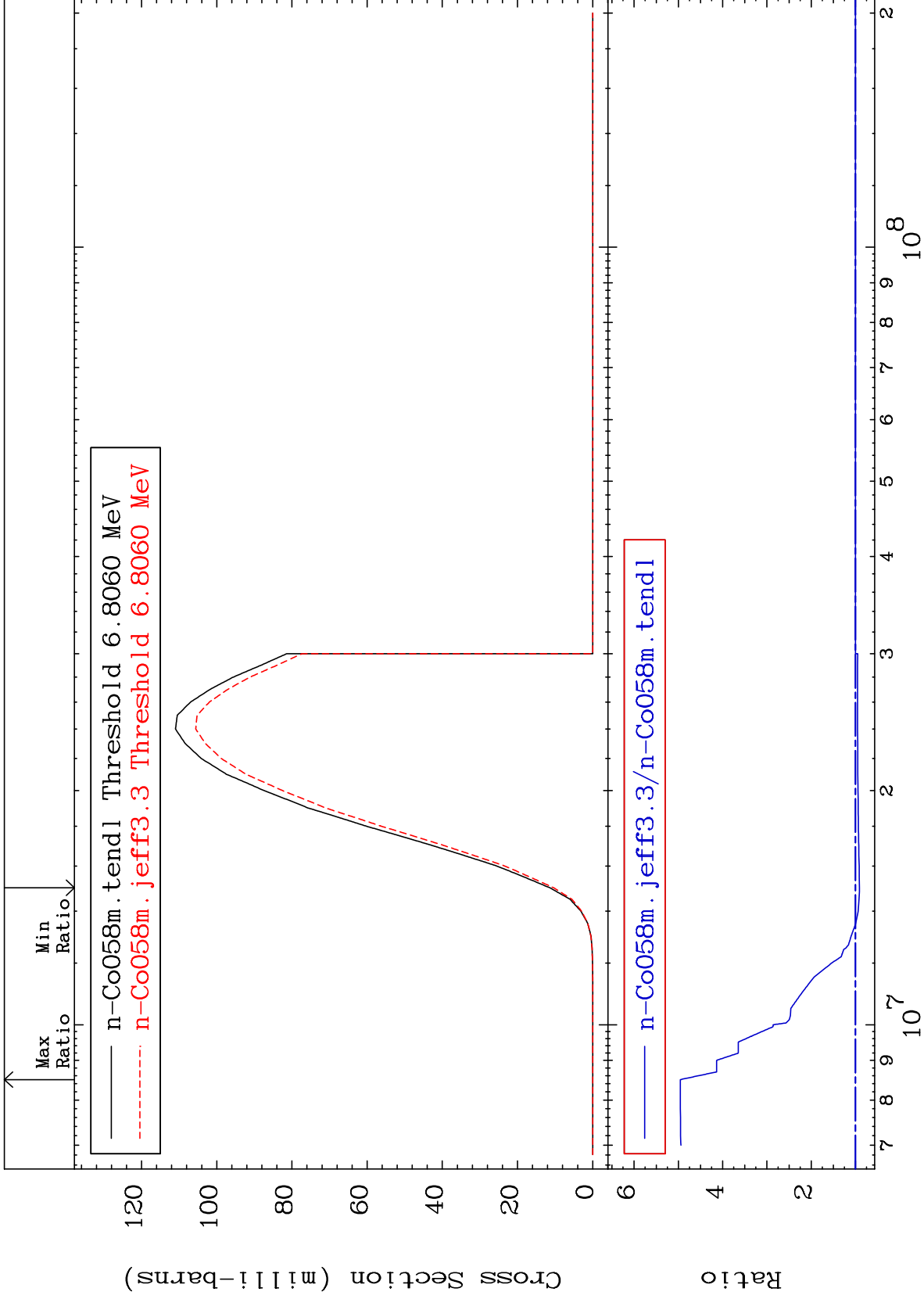
To 1.730 %



MAT 2723

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

27-Co-58  
-8.877 To 395.5 %



7

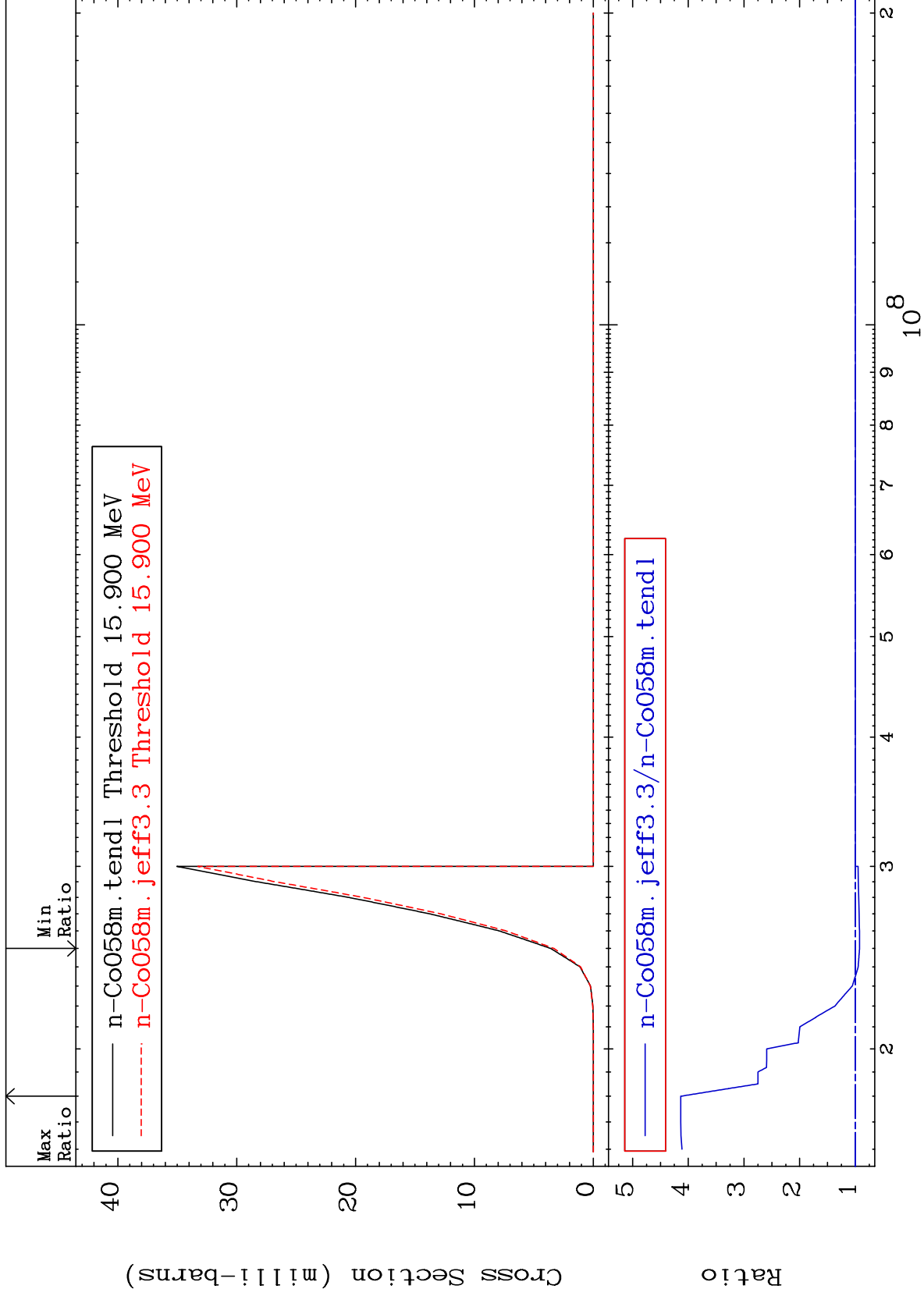
Incident Energy (eV)

27-Co-58

MAT 2723

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

27-Co-58  
-7.504 To 313.5 %

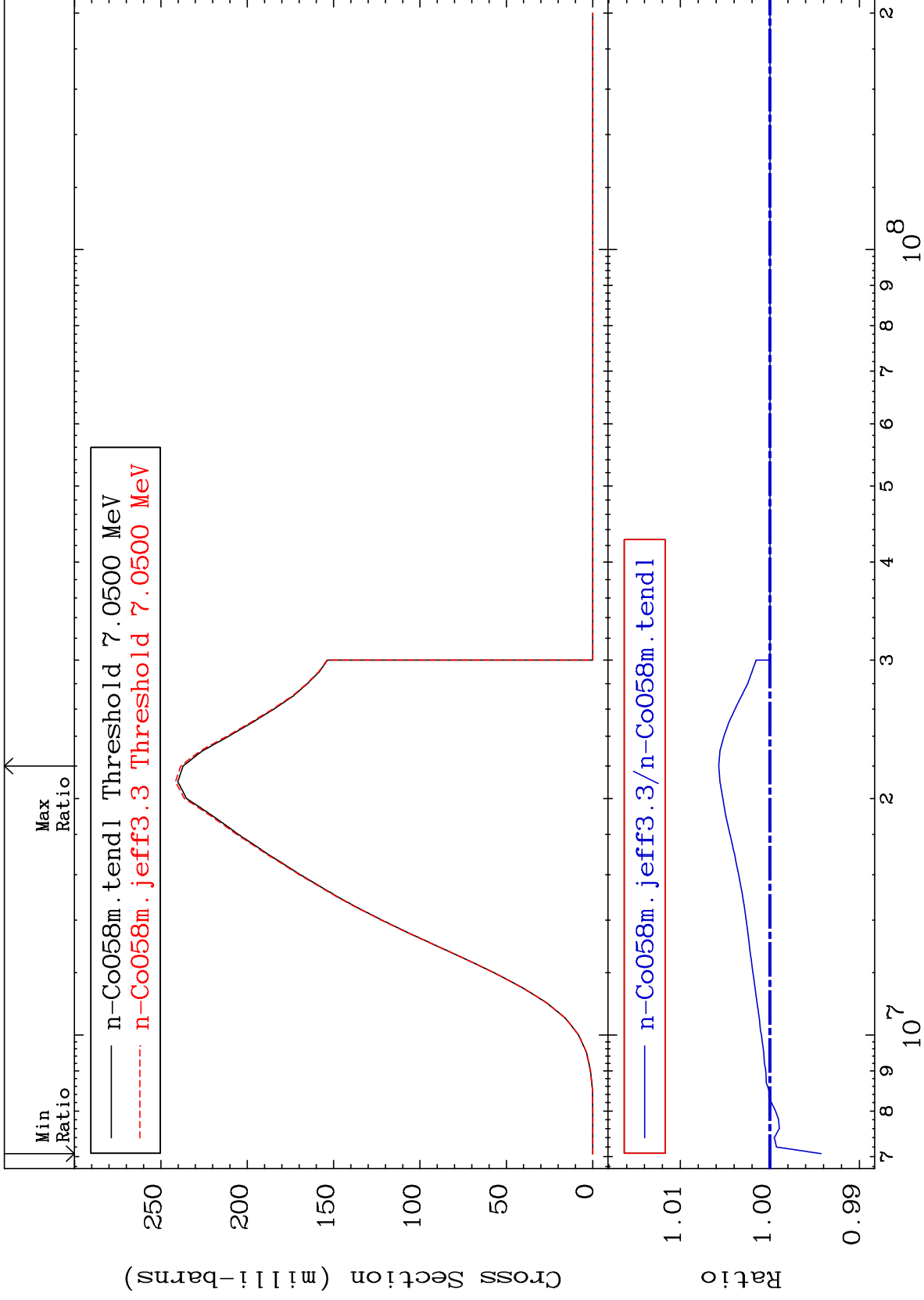




MAT 2723

(n,n') p  
Cross Section

27-Co-58  
-0.571 To 0.571 %



9

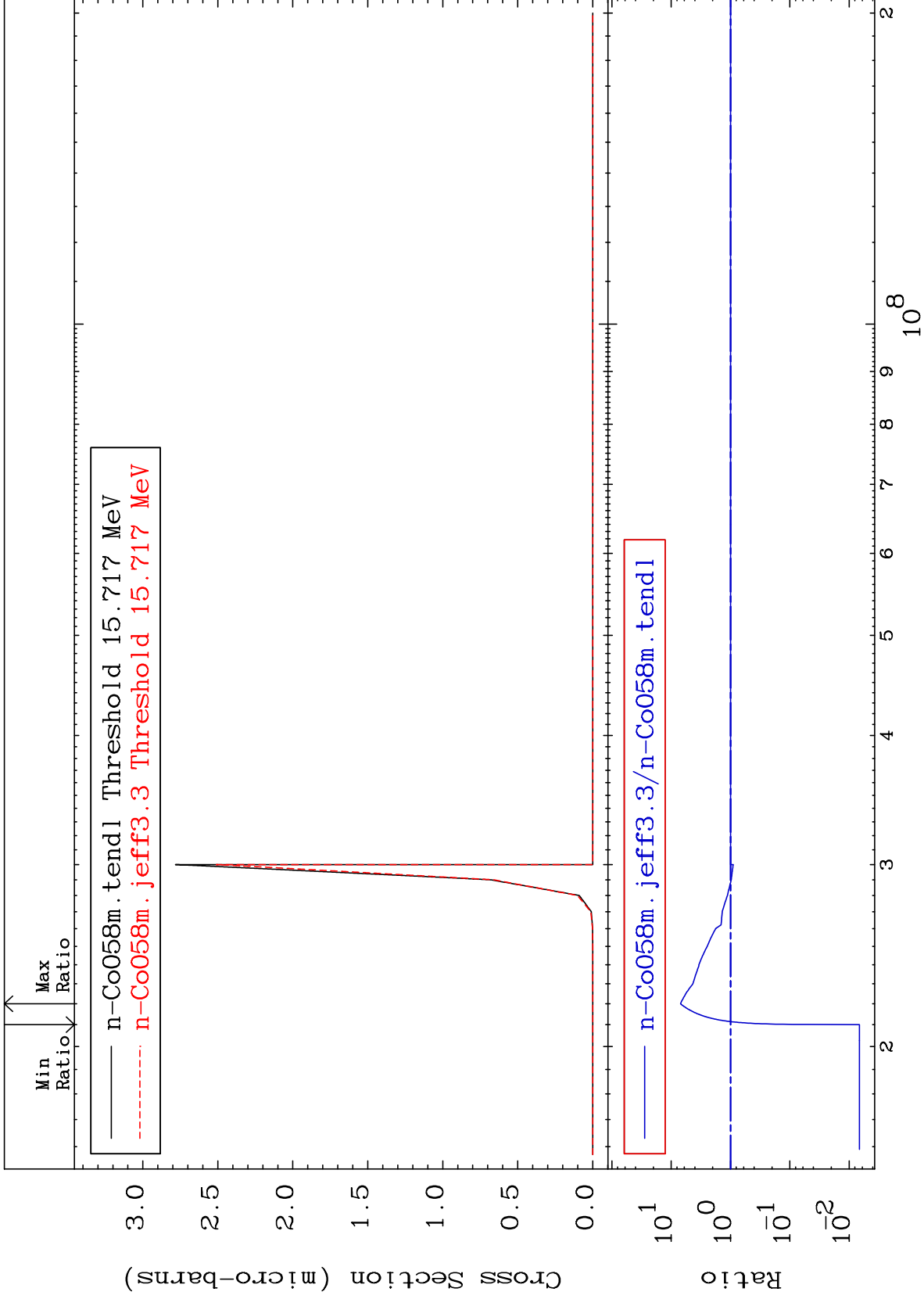
Incident Energy (eV)

27-Co-58

MAT 2723

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

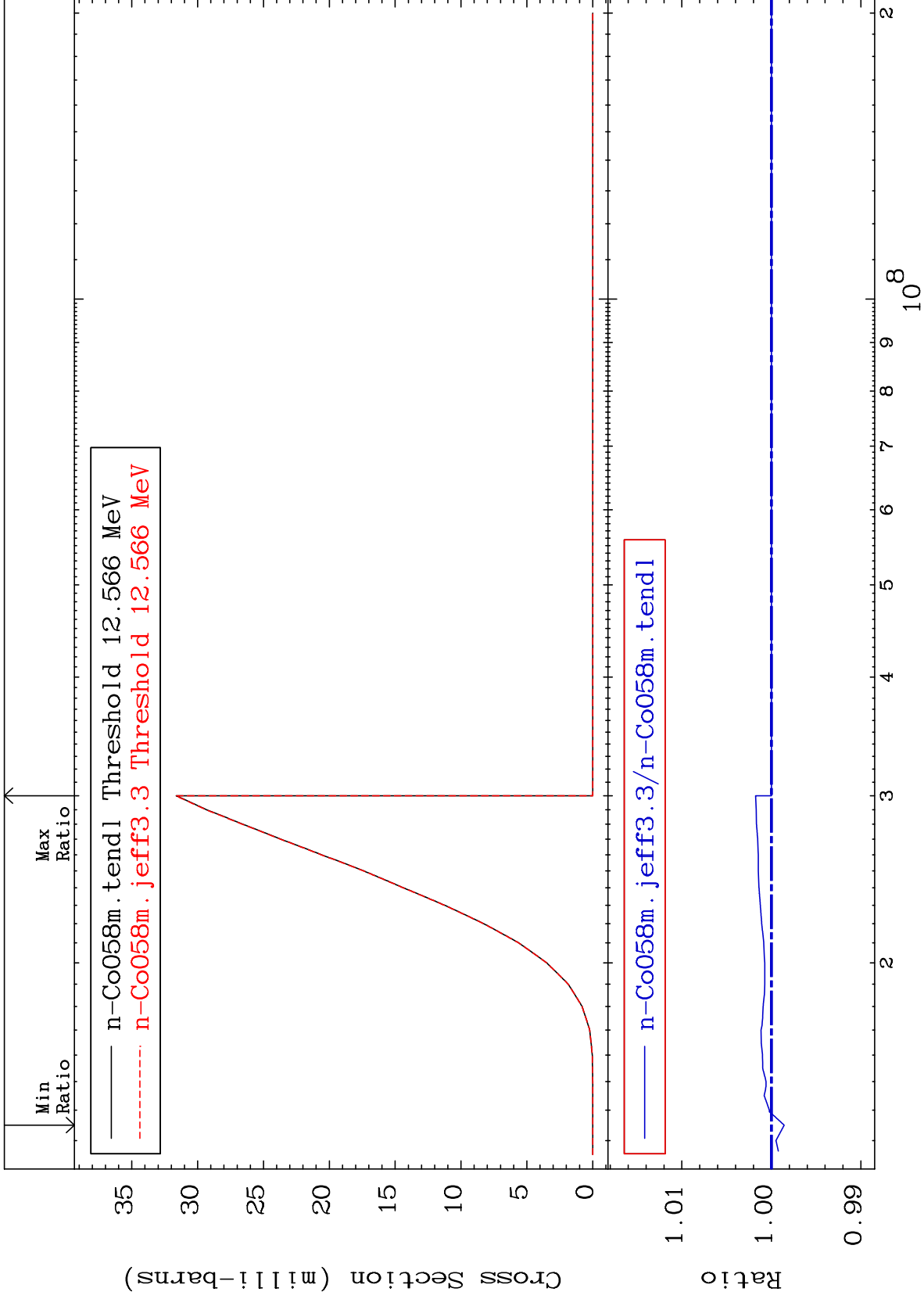
27-Co-58  
-99.33 To 600.9 %



10

Incident Energy (eV)

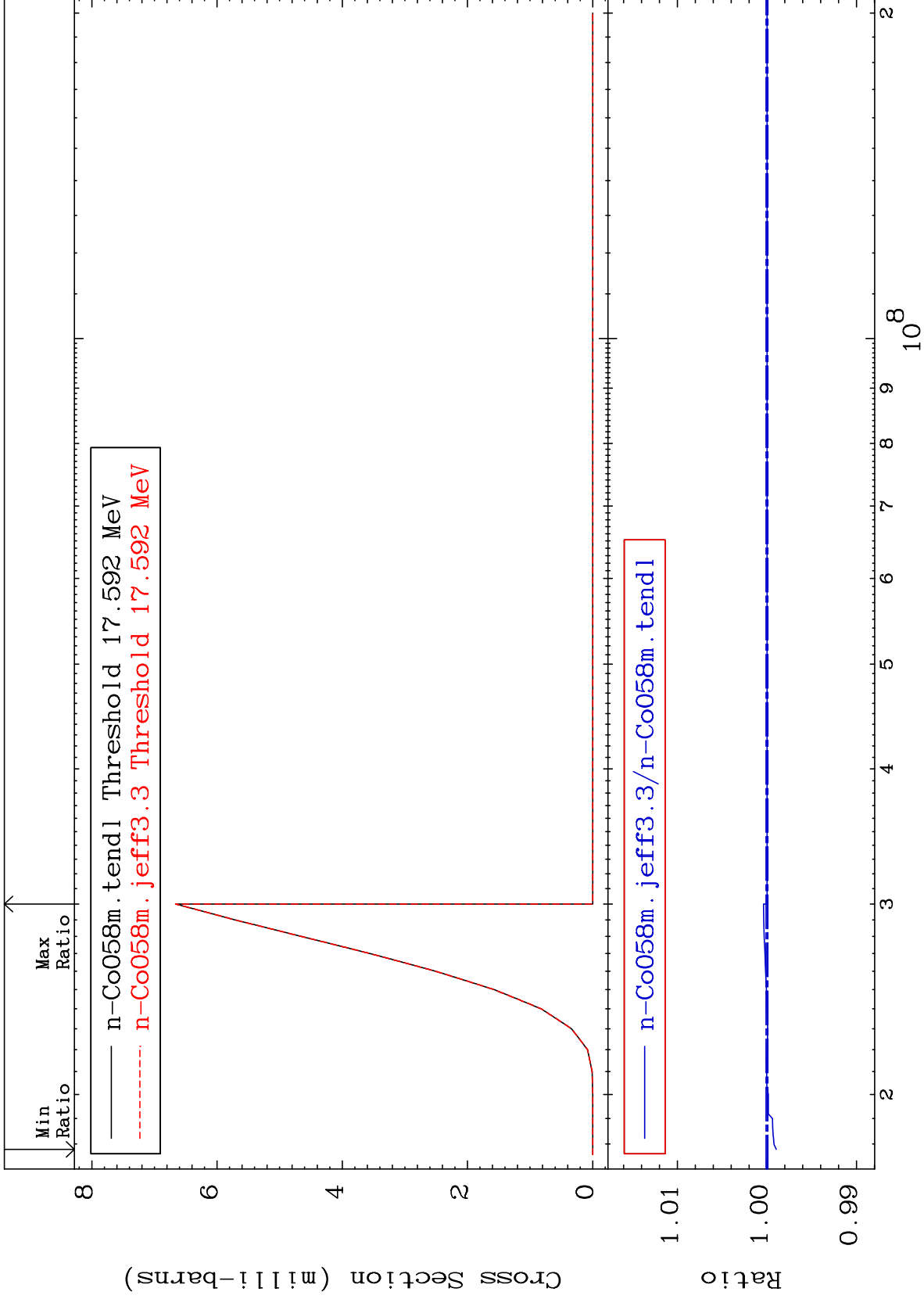
27-Co-58



MAT 2723

(n,n') t  
Cross Section

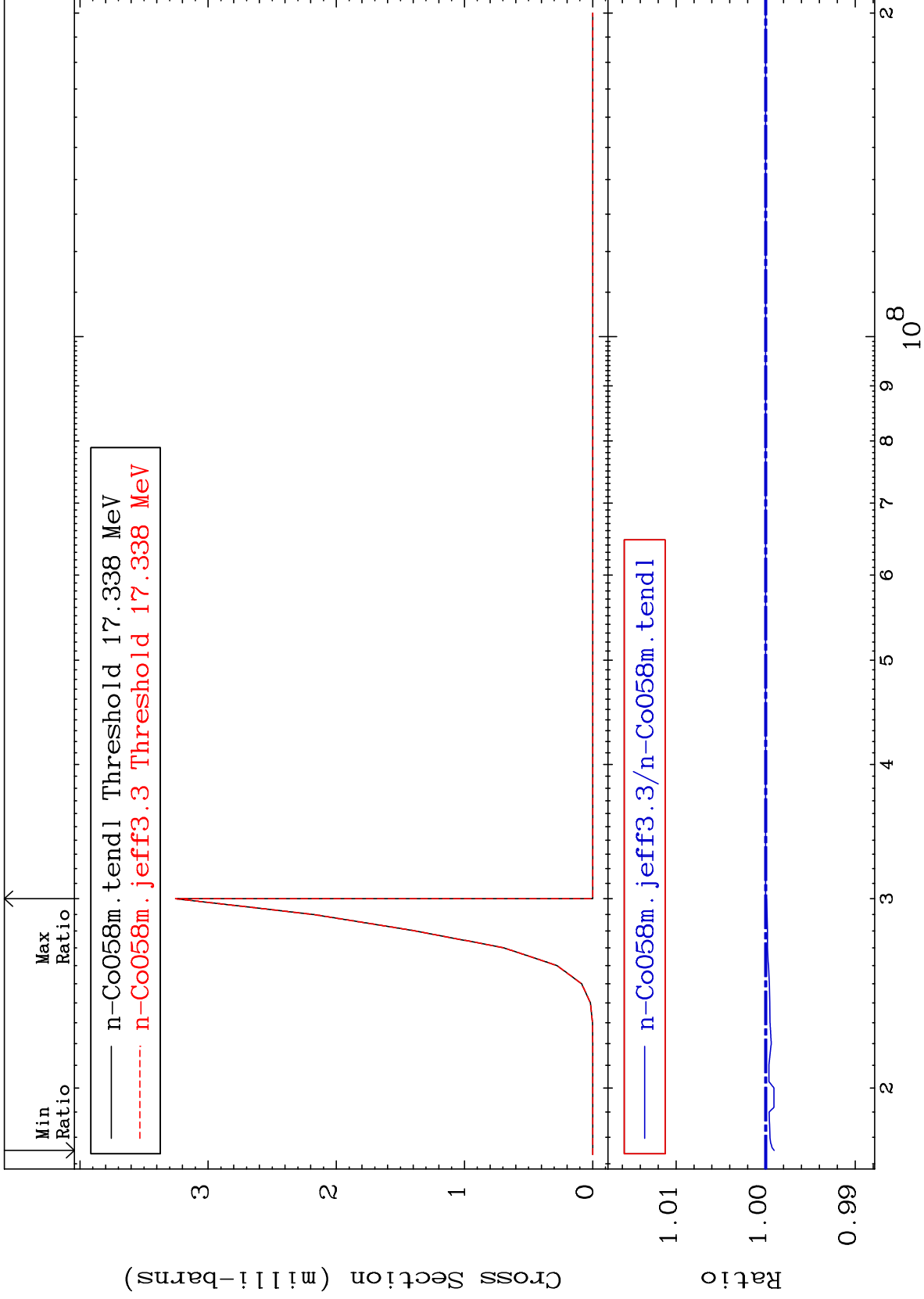
27-Co-58  
-0.104 To 0.038 %



12

Incident Energy (eV)

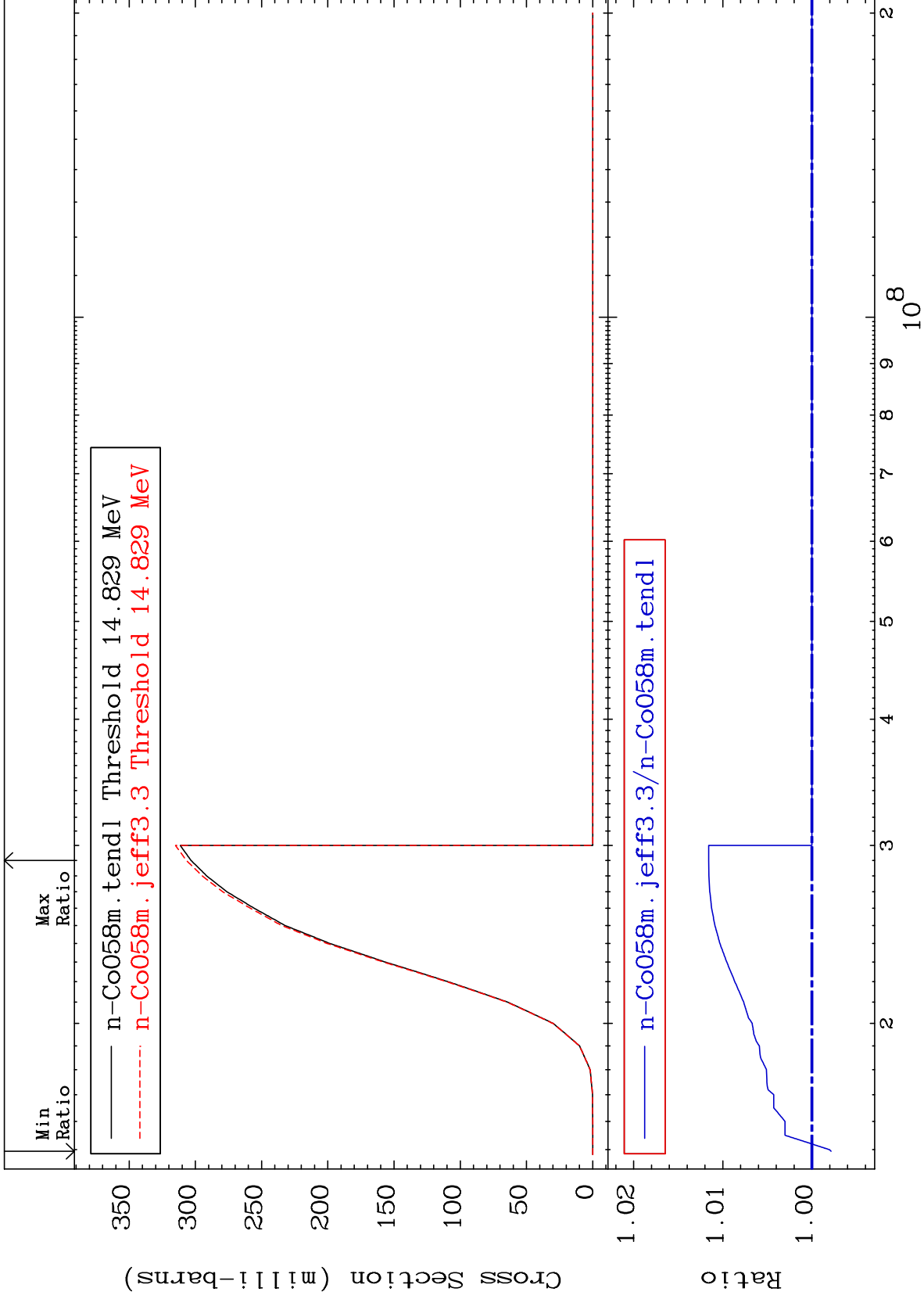
27-Co-58



MAT 2723

(n,2n) p  
Cross Section

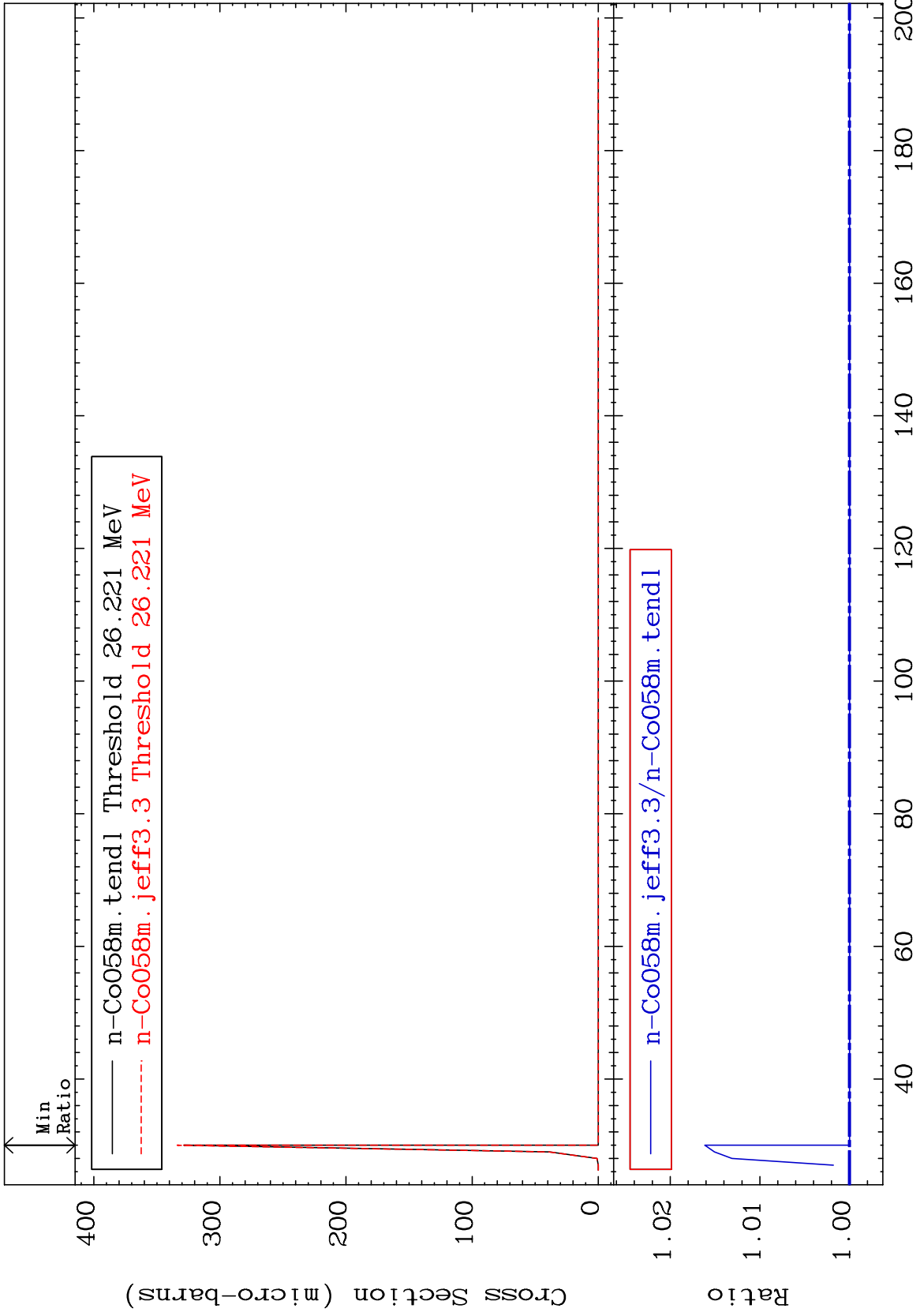
27-Co-58  
-0.215 To 1.158 %



MAT 2723

(n,3n) p  
Cross Section

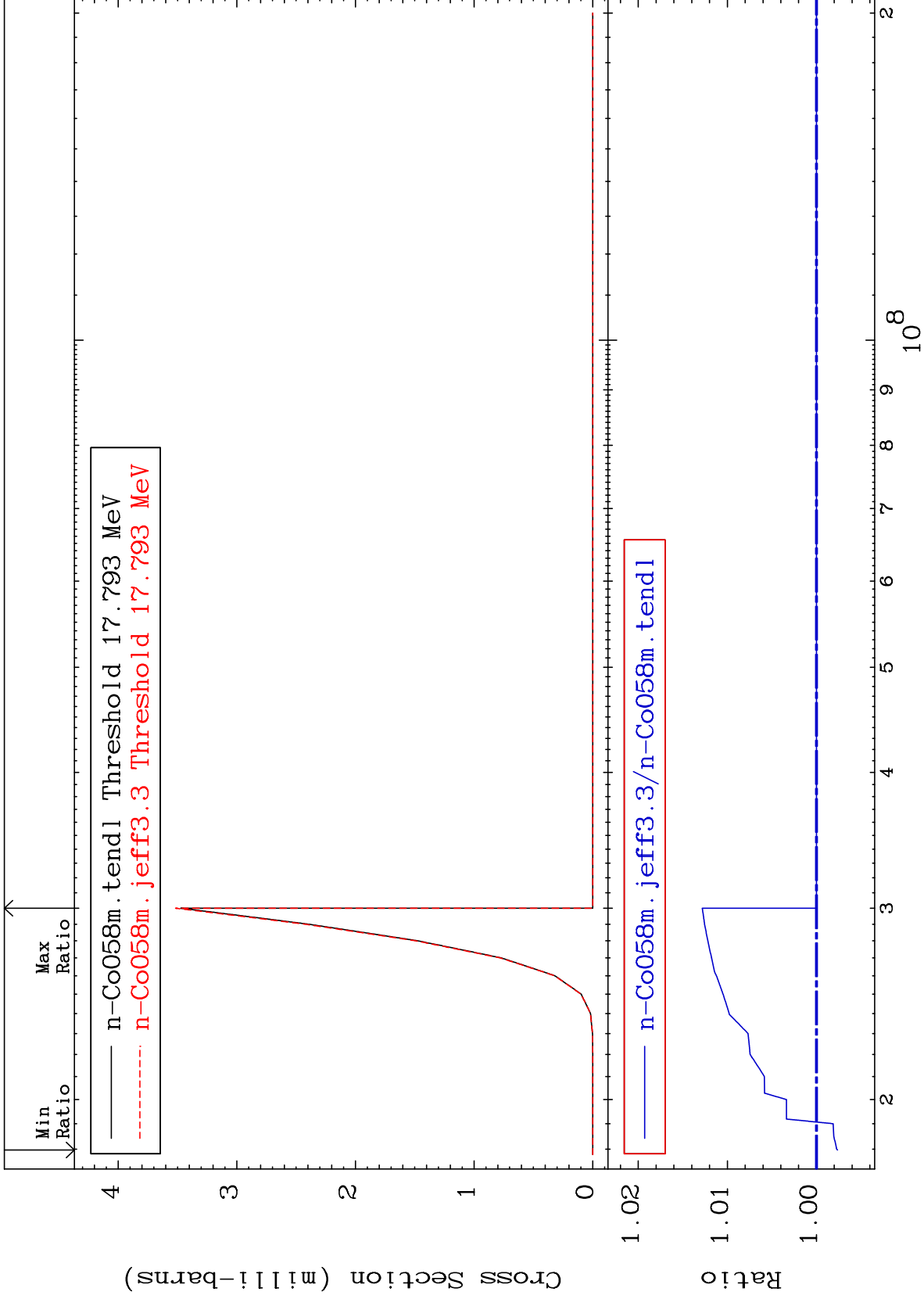
27-Co-58  
0.000 To 1.615 %



MAT 2723

(n,2n) p  
Cross Section

27-Co-58  
-0.236 To 1.281 %

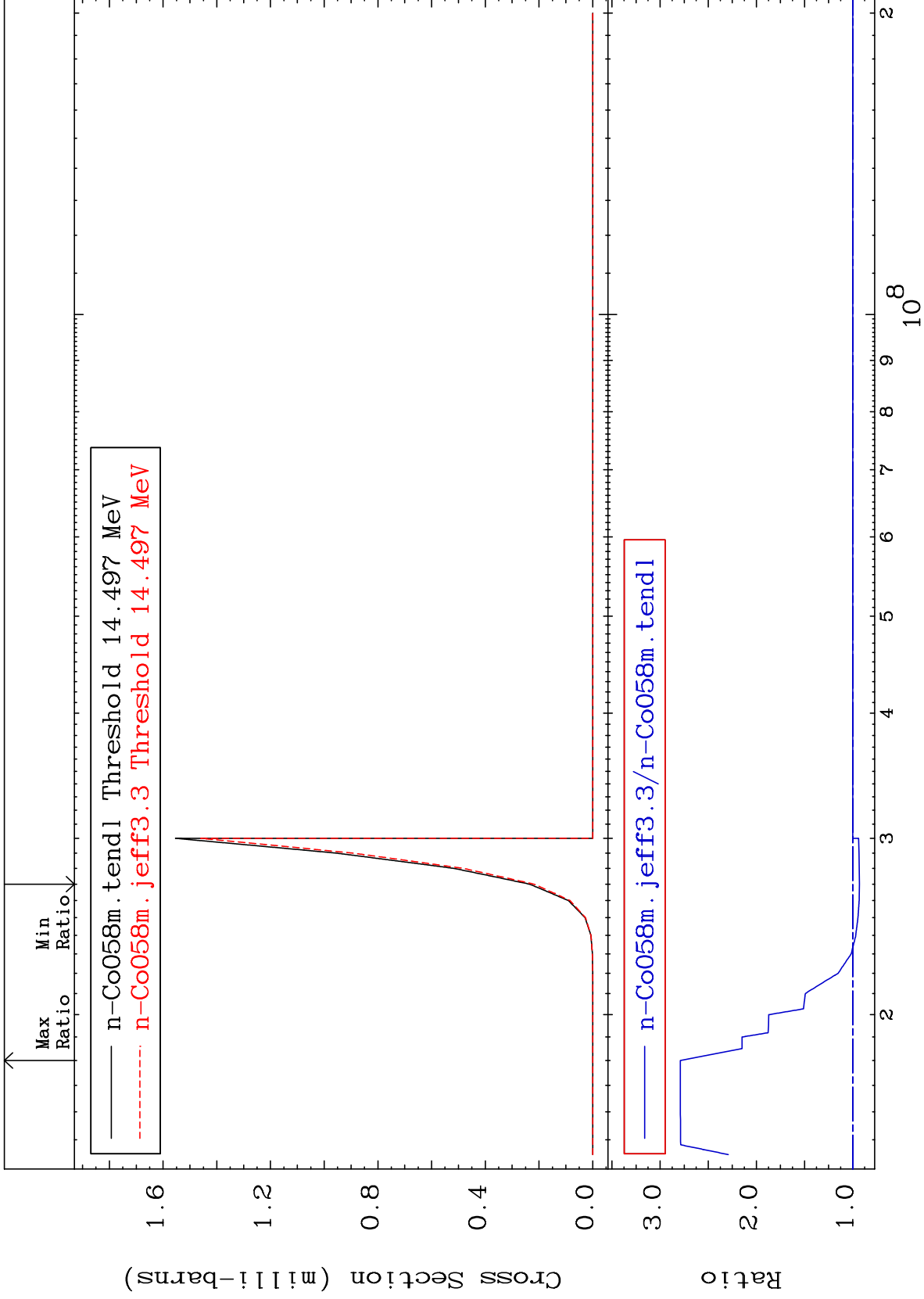


16

Incident Energy (eV)

27-Co-58

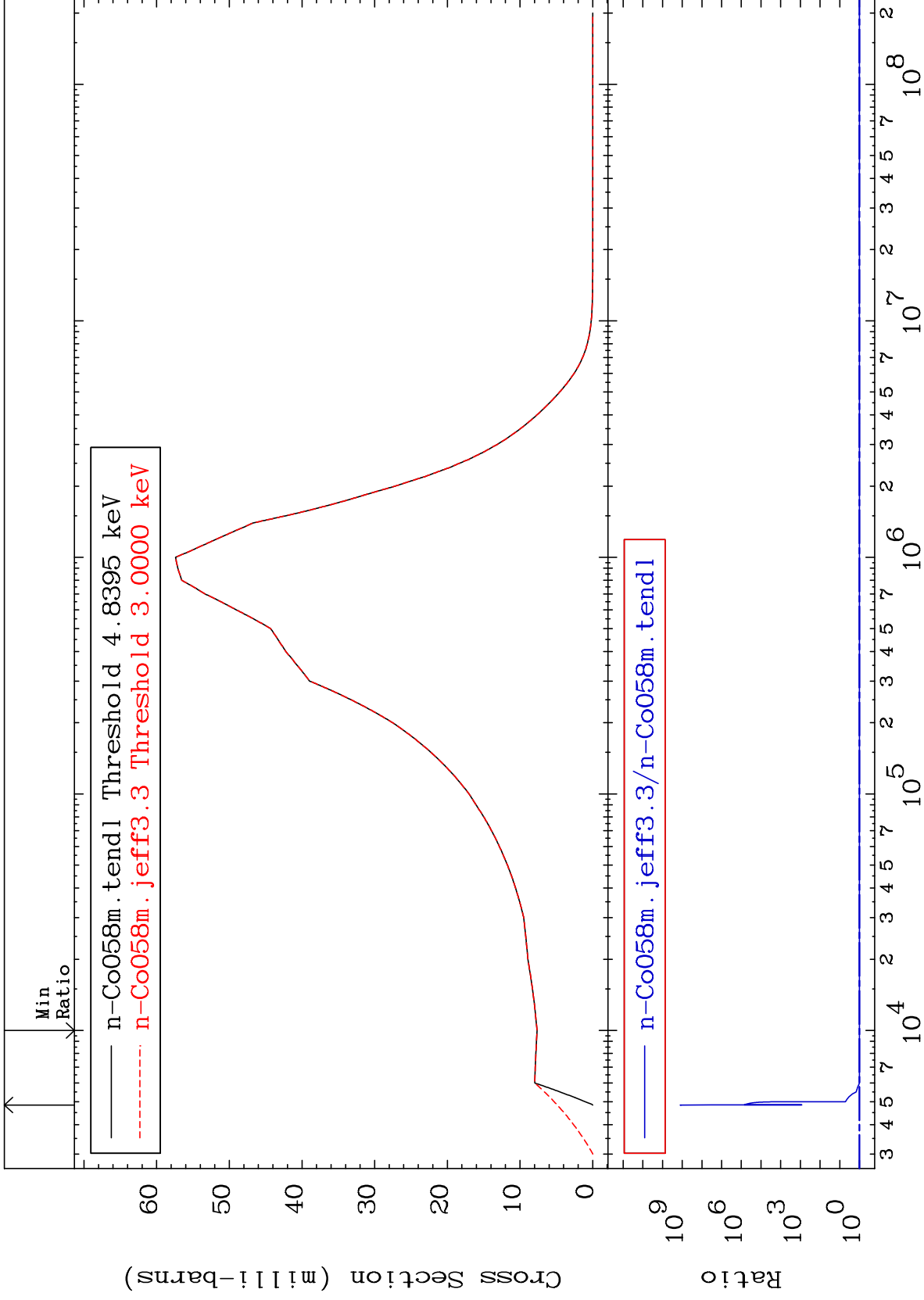




MAT 2723

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

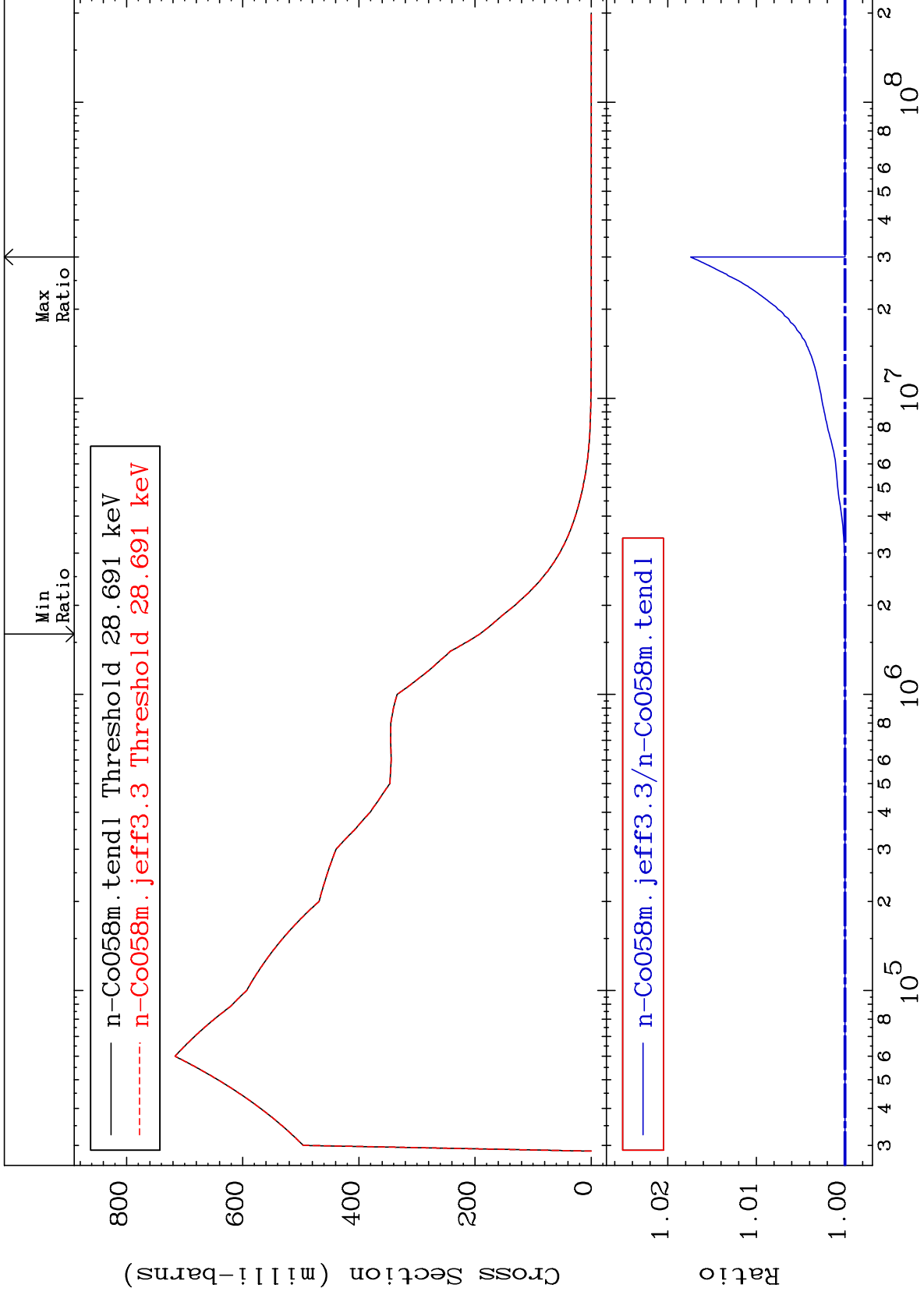
27-Co-58  
-0.012 To 9999. %



MAT 2723

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

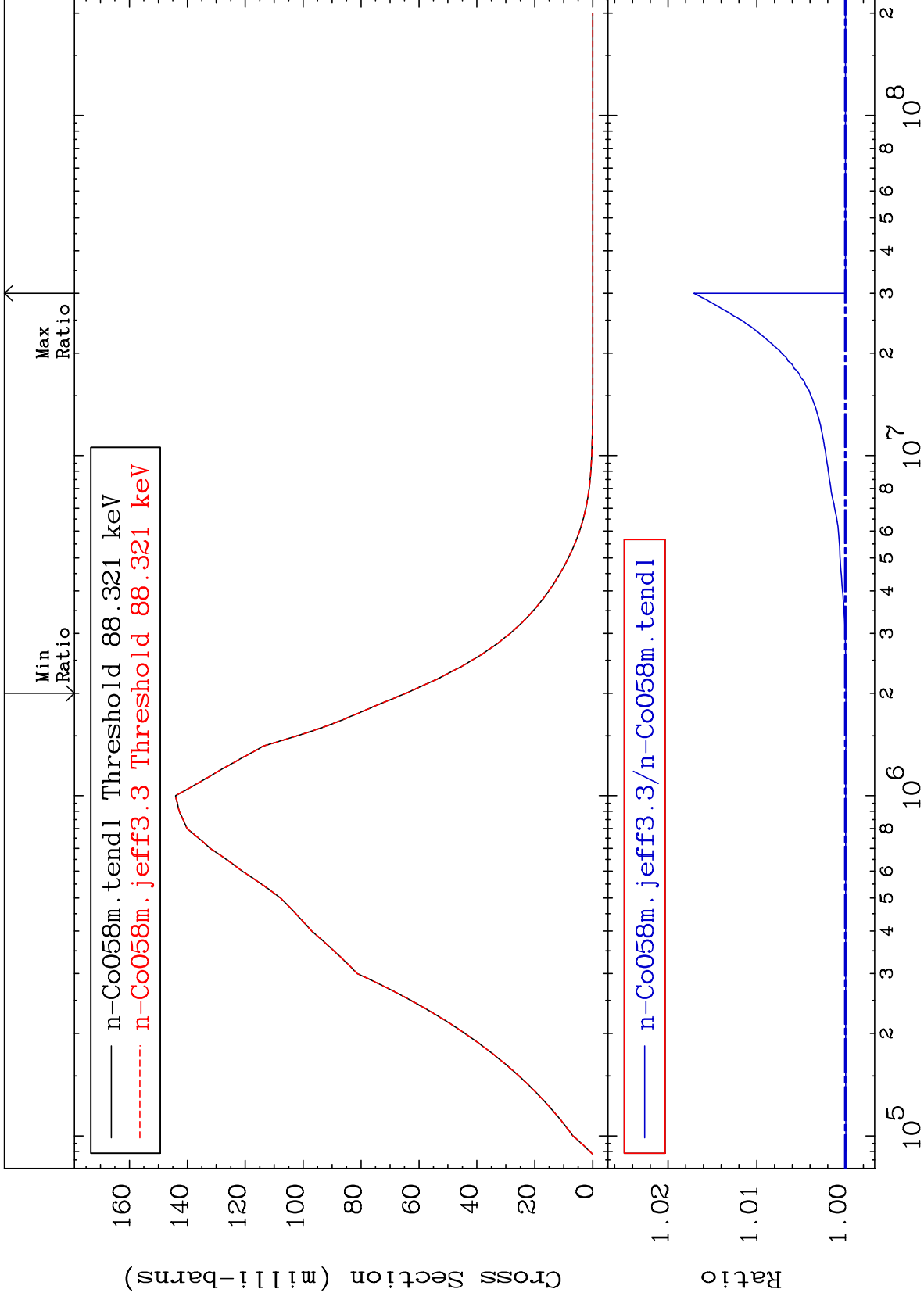
27-Co-58  
-0.003 To 1.742 %



MAT 2723

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

27-Co-58  
-0.003 To 1.708 %



20

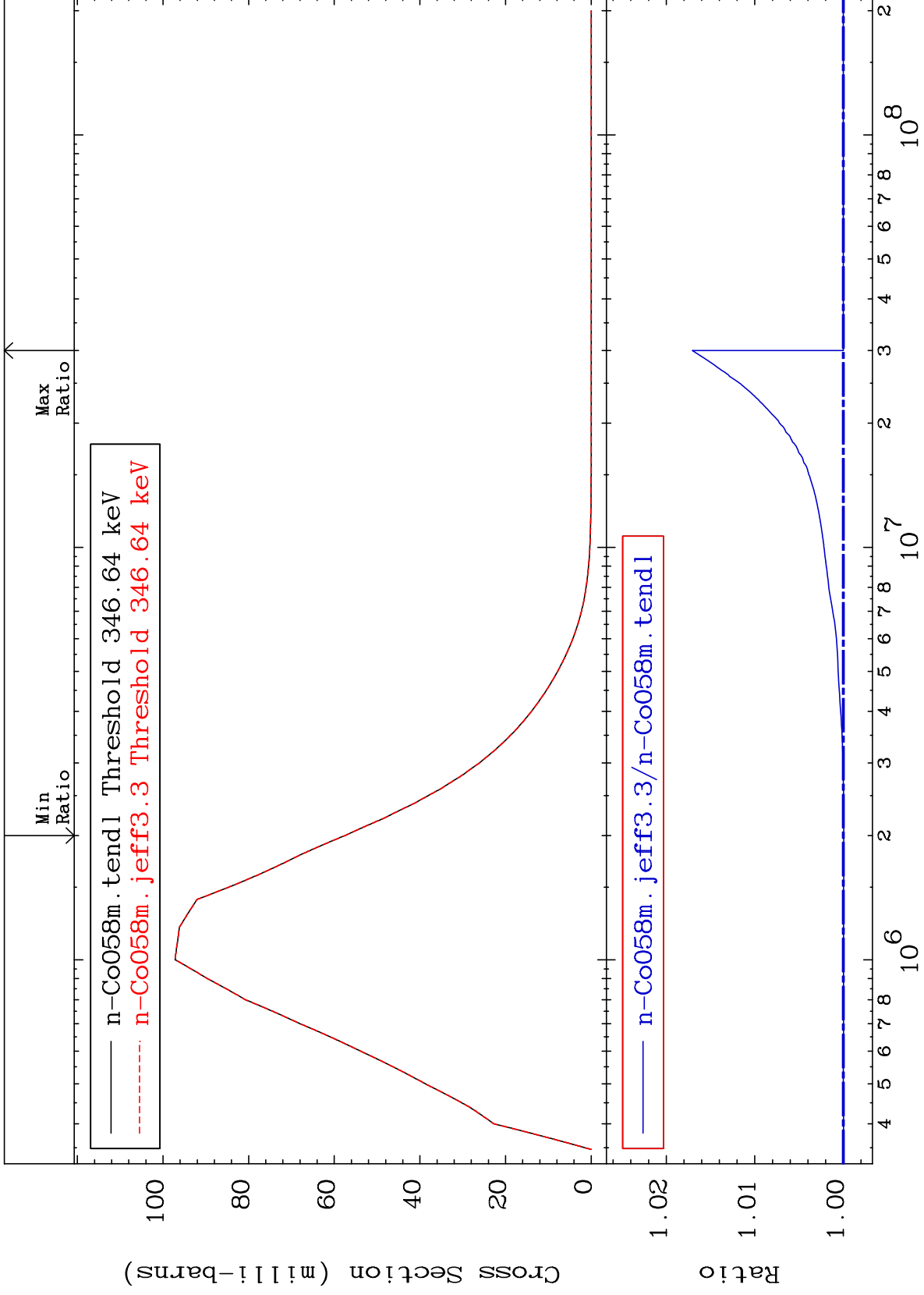
Incident Energy (eV)

27-Co-58

MAT 2723

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

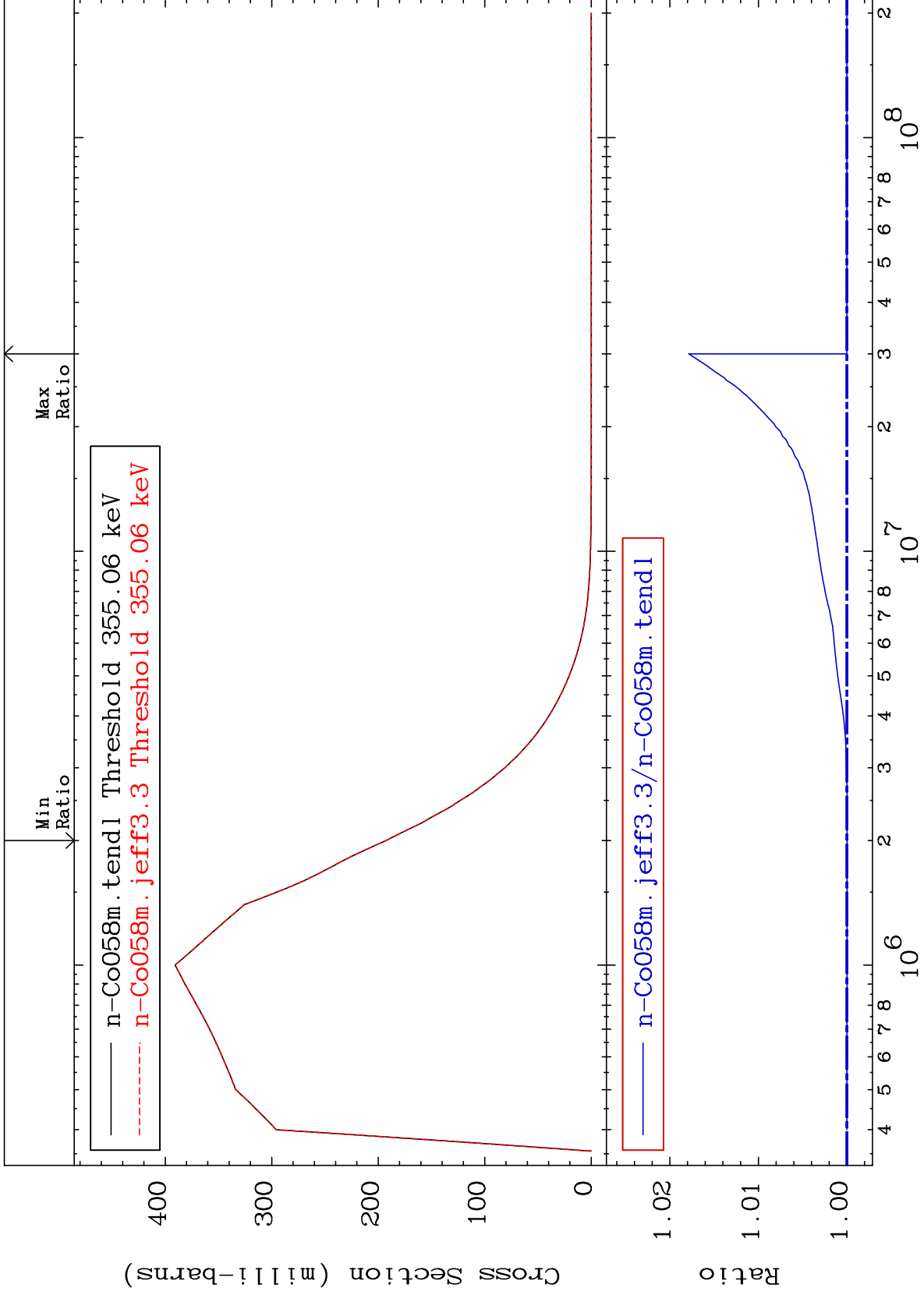
<sup>27</sup>Co-58  
-0.003 To 1.707 %



MAT 2723

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

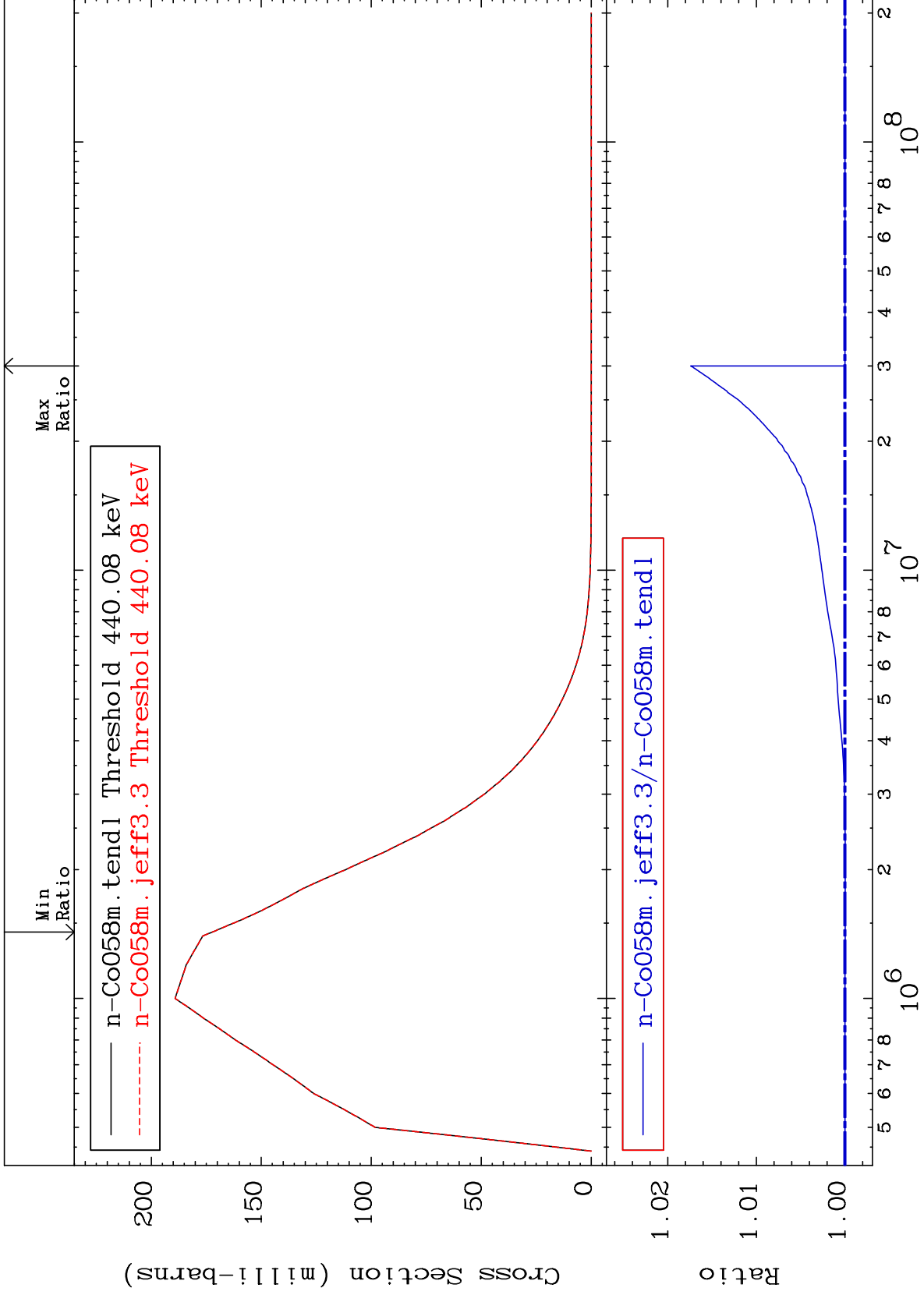
27-Co-58  
-0.003 To 1.787 %



MAT 2723

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

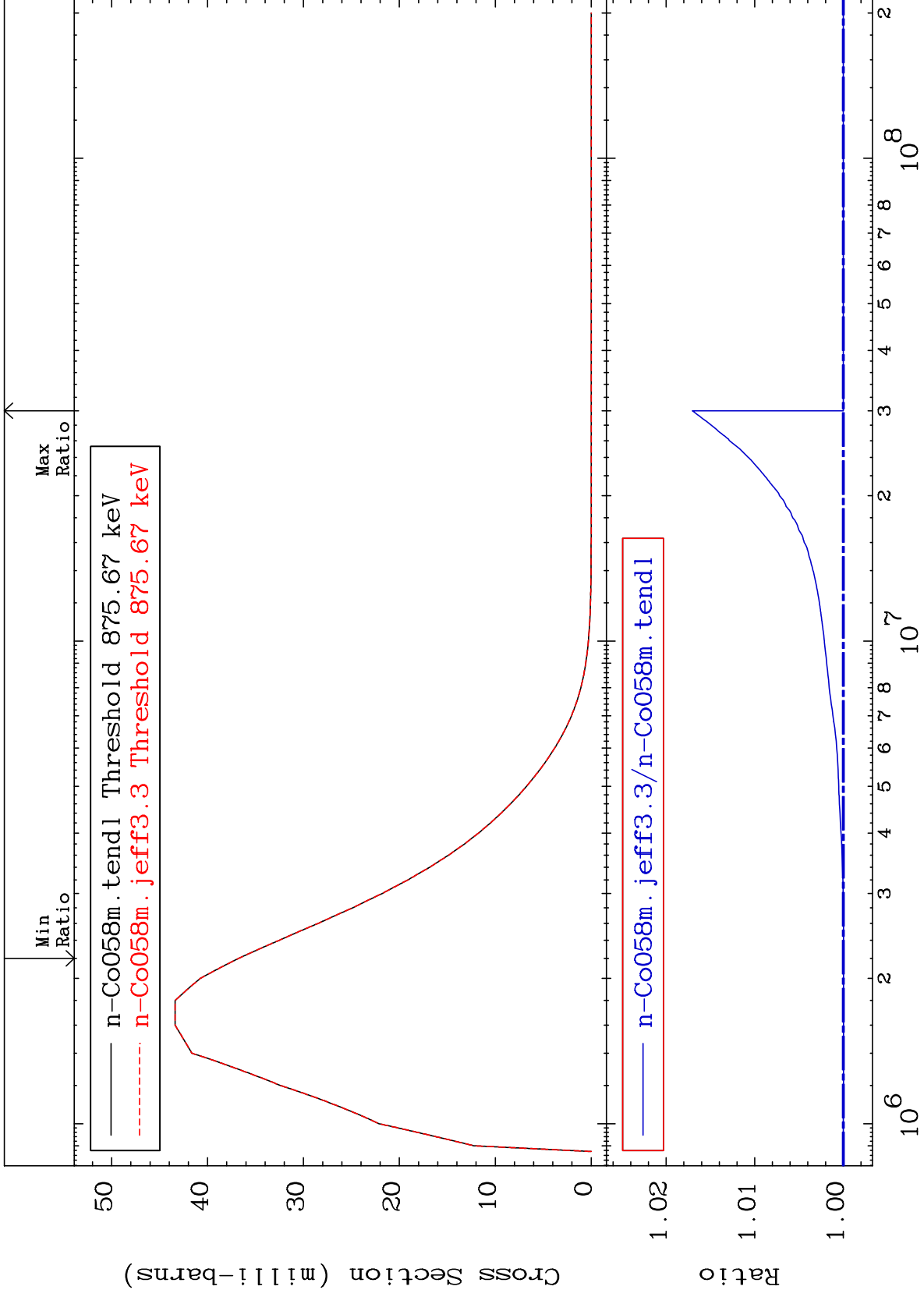
<sup>27</sup>Co-58  
-0.003 To 1.741 %



MAT 2723

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

27-Co-58  
-0.004 To 1.705 %



24

Incident Energy (eV)

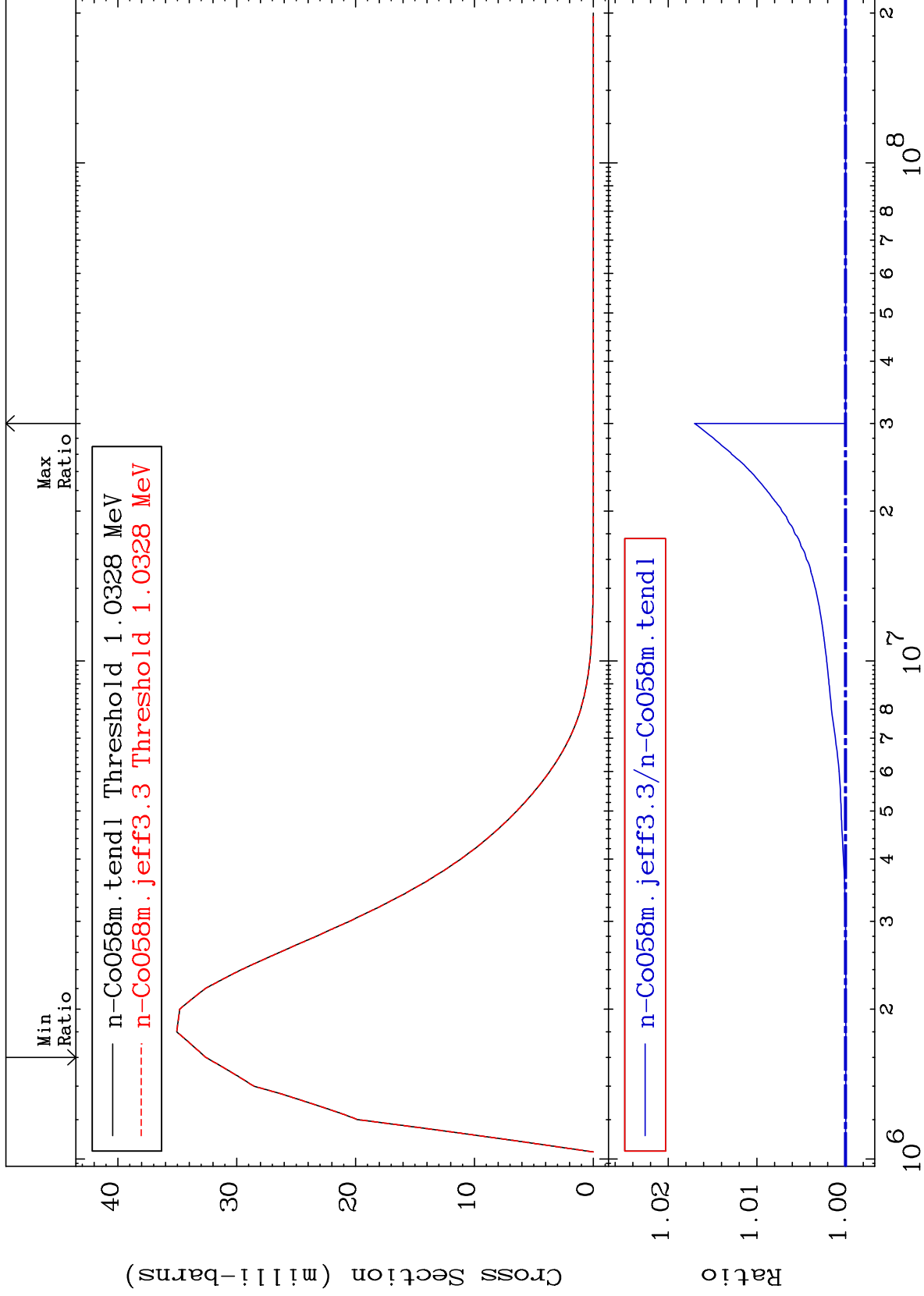
27-Co-58



MAT 2723

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

27-Co-58  
-0.004 To 1.704 %



25

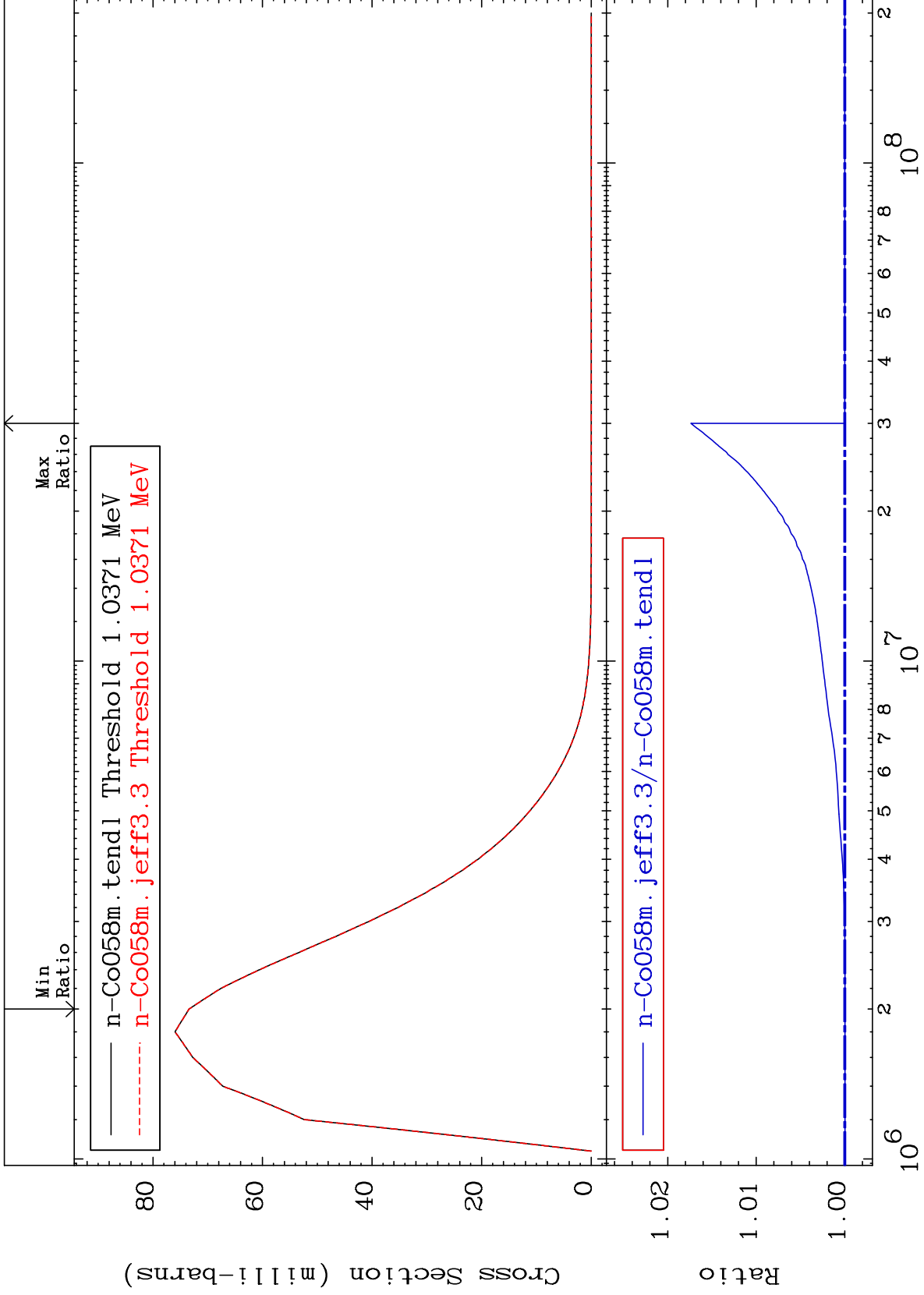
Incident Energy (eV)

27-Co-58

MAT 2723

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

27-Co-58  
-0.003 To 1.739 %



26

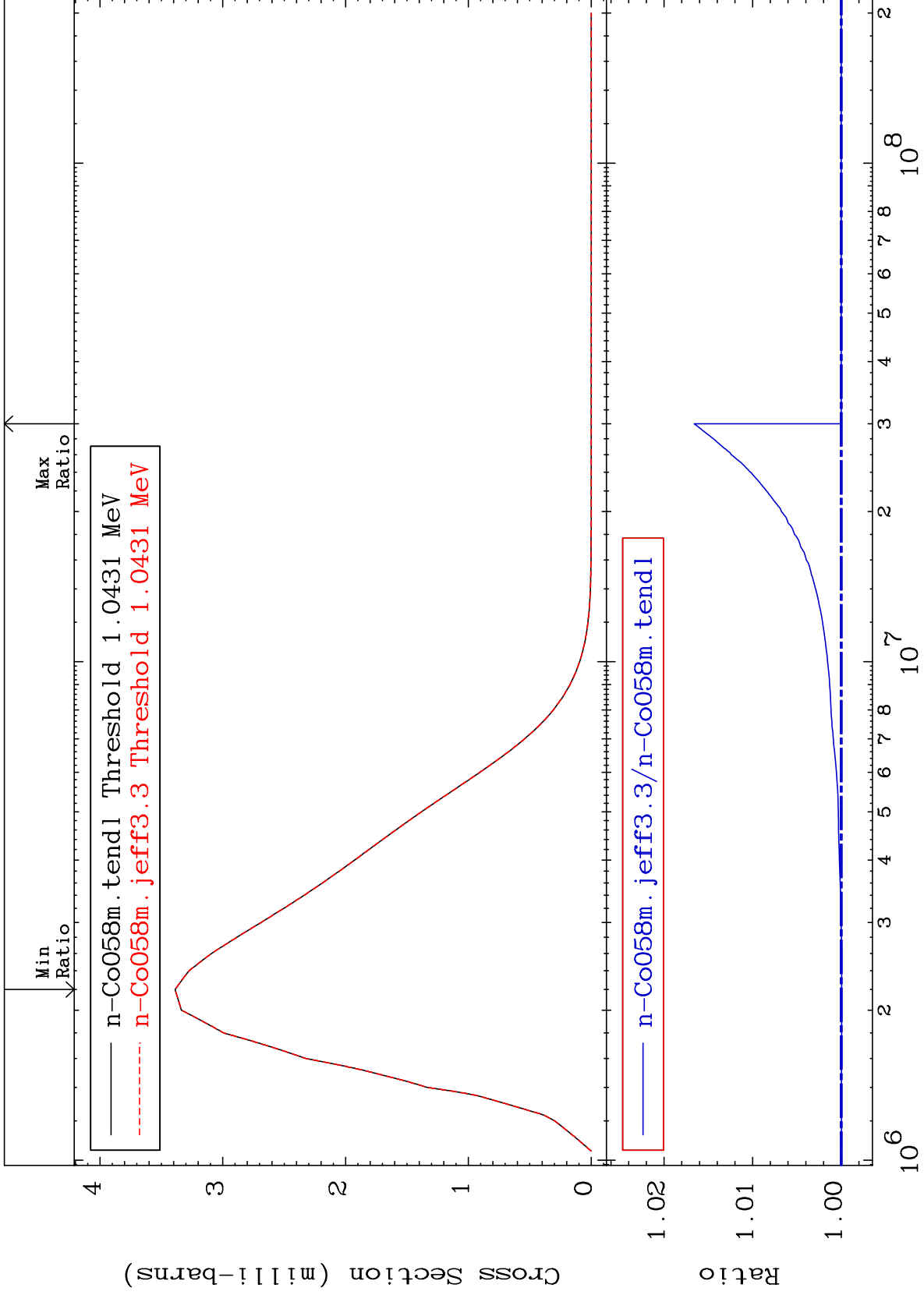
Incident Energy (eV)

27-Co-58

MAT 2723

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

27-Co-58  
-0.005 To 1.660 %



27

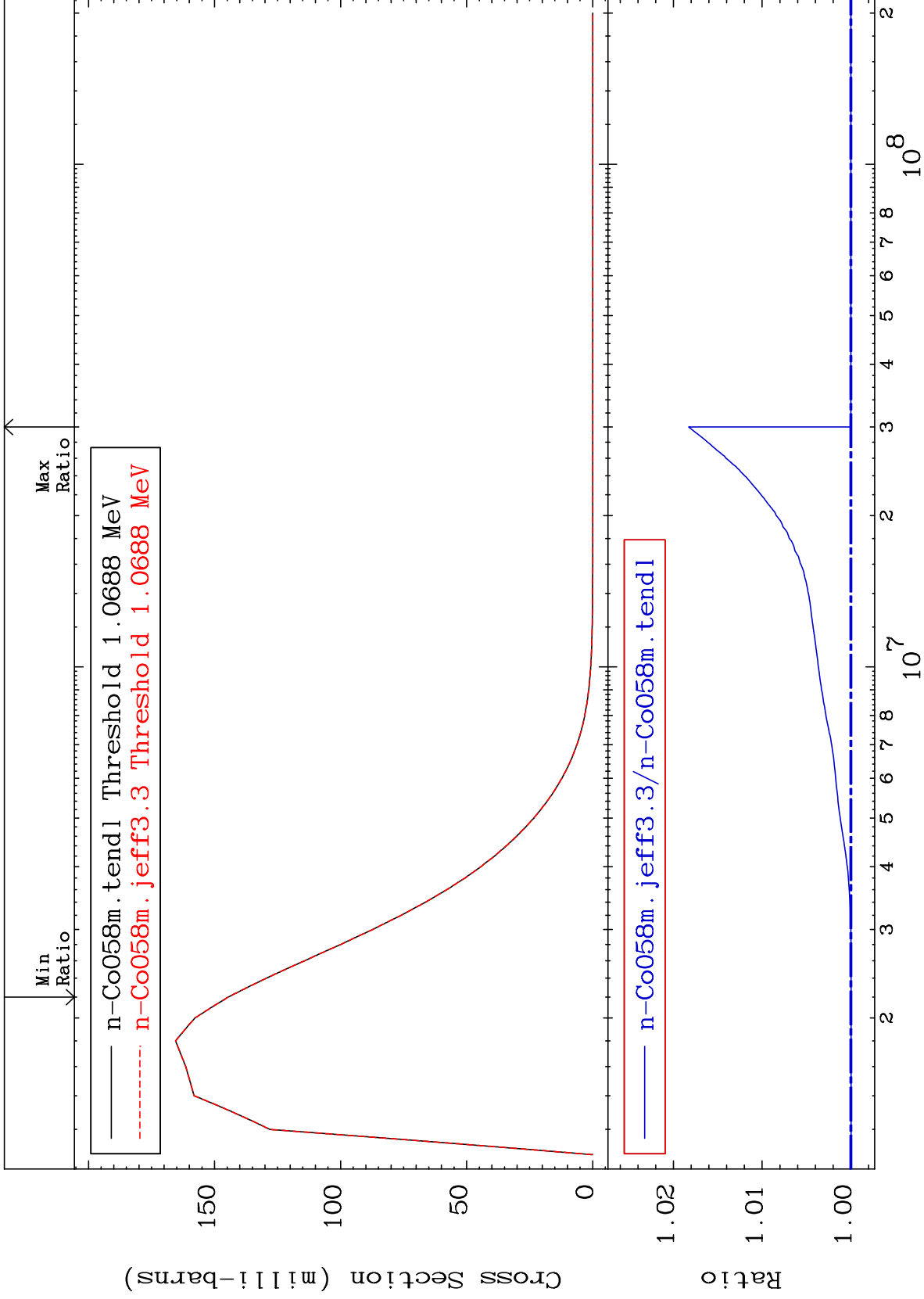
Incident Energy (eV)

27-Co-58

MAT 2723

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

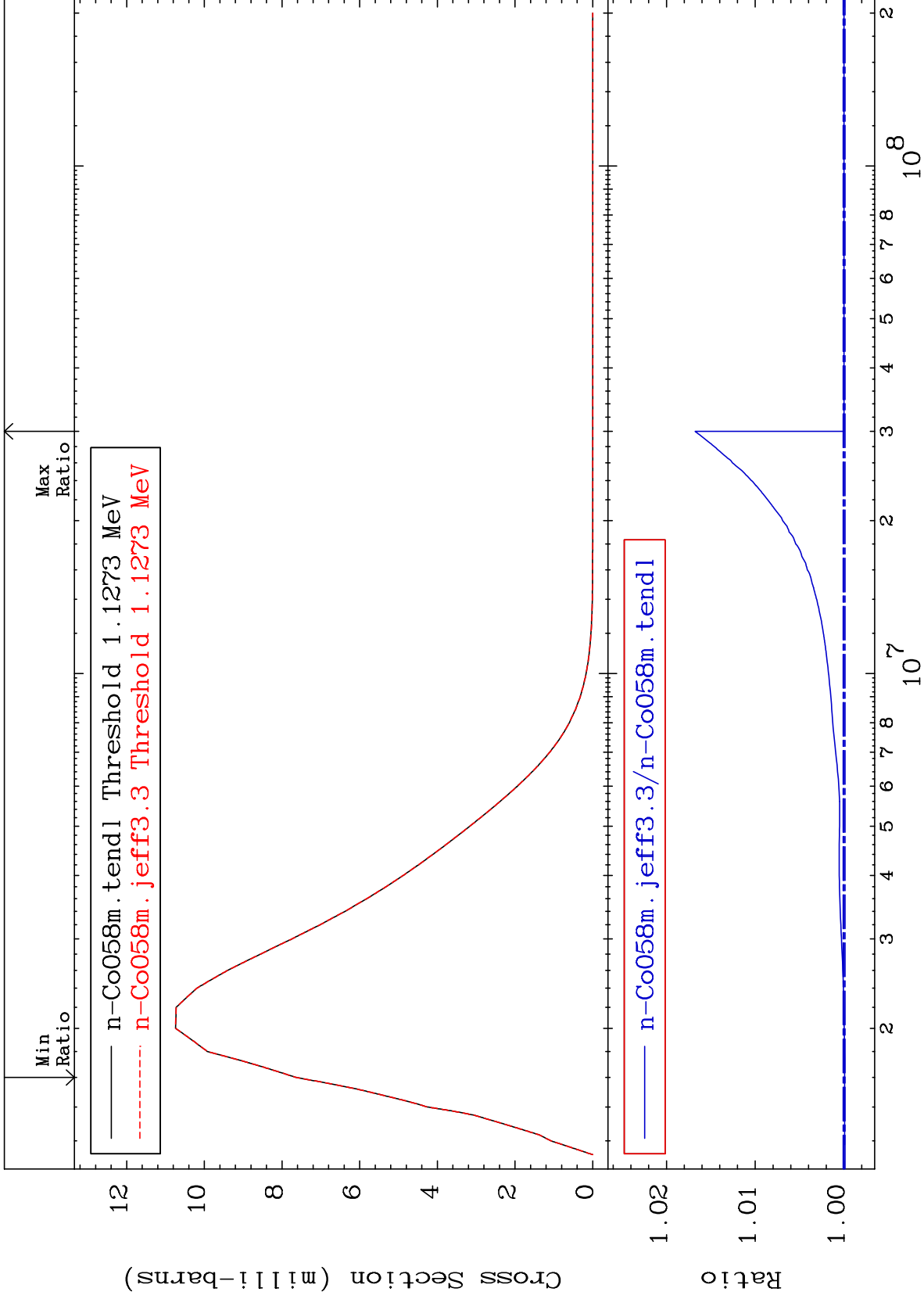
27-Co-58  
-0.003 To 1.829 %



MAT 2723

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

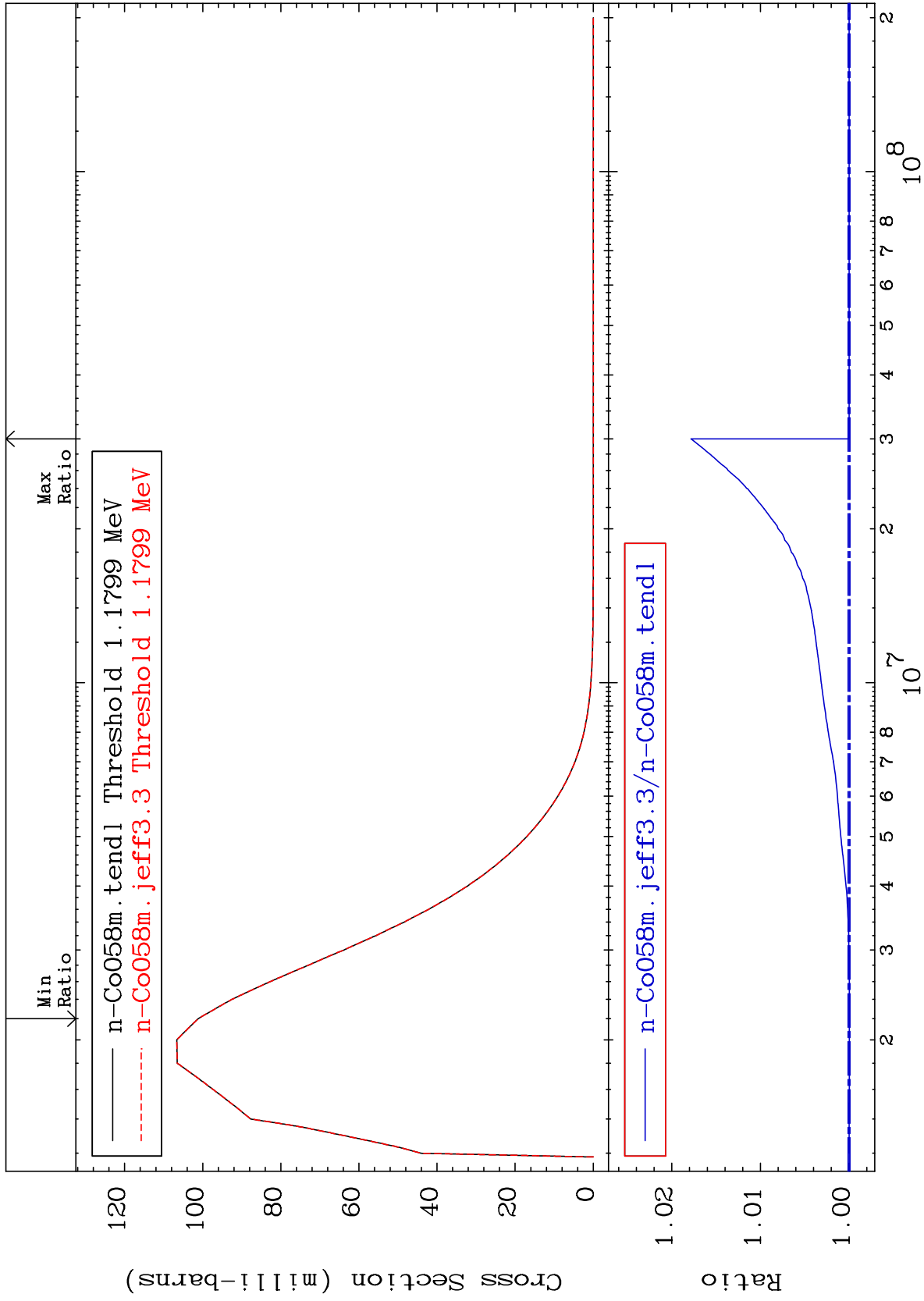
27-Co-58  
-0.007 To 1.677 %



MAT 2723

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

27-Co-58  
-0.003 To 1.784 %



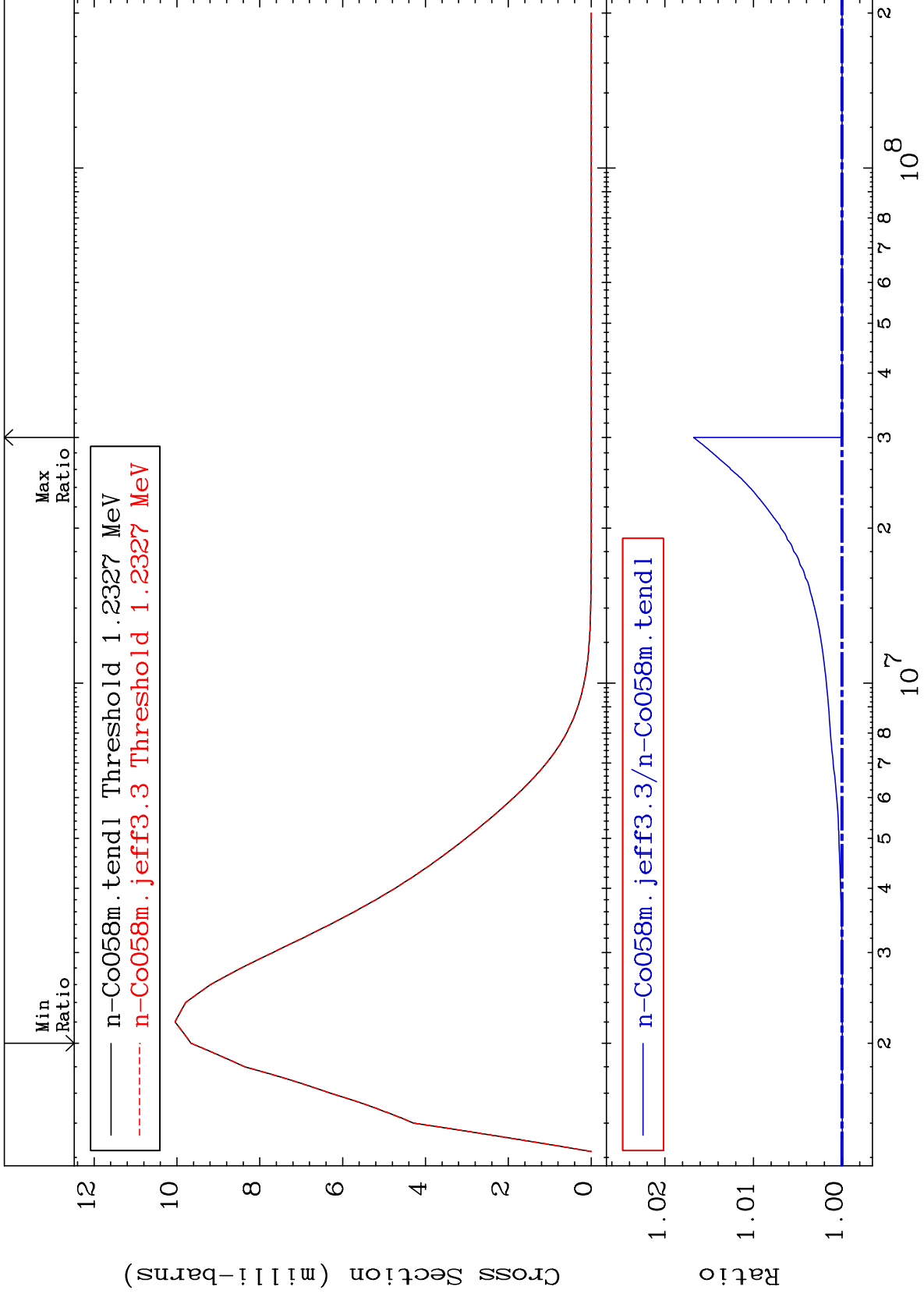
30

27-Co-58

MAT 2723

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

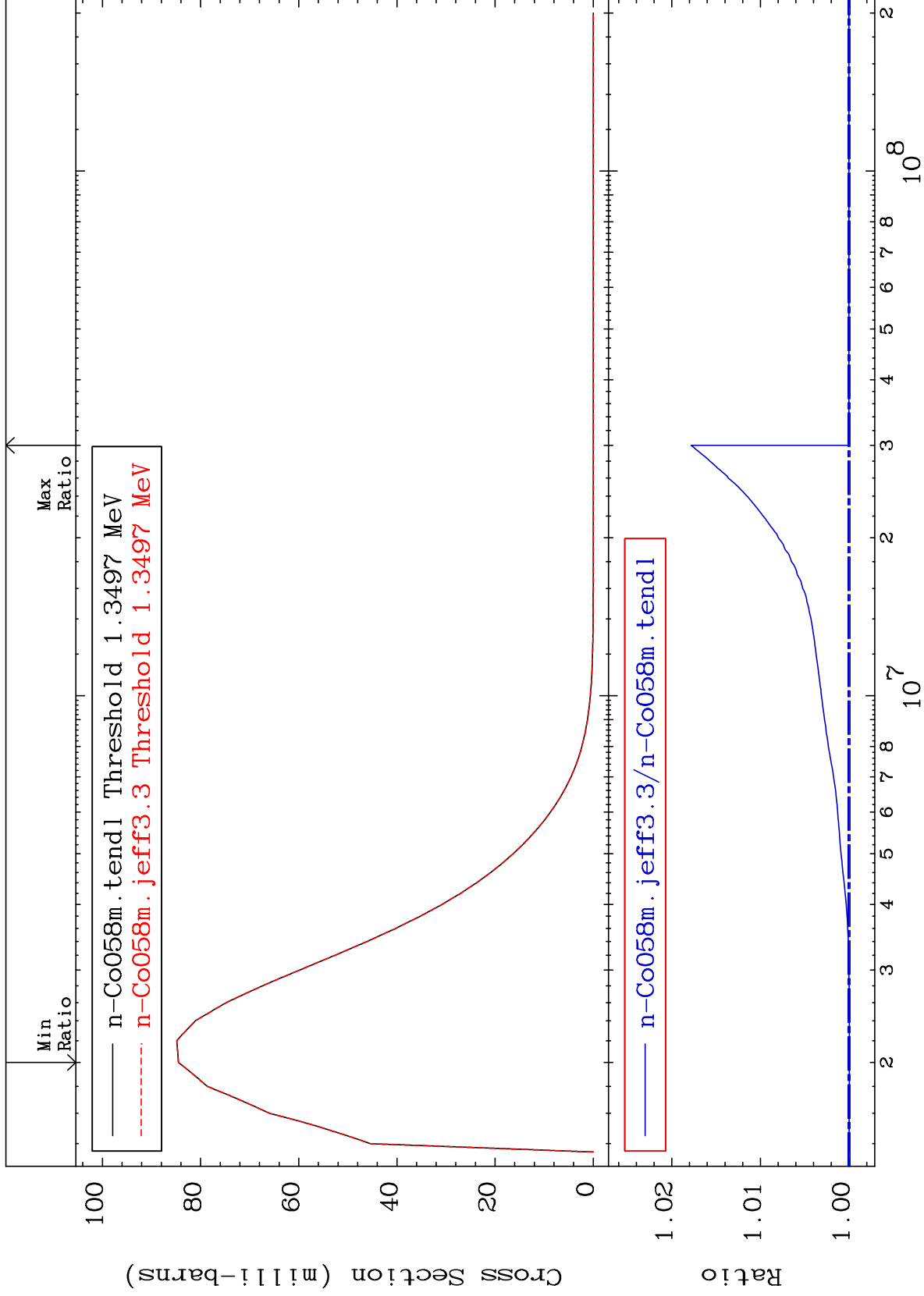
27-Co-58  
-0.004 To 1.677 %



MAT 2723

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

27-Co-58  
-0.003 To 1.783 %

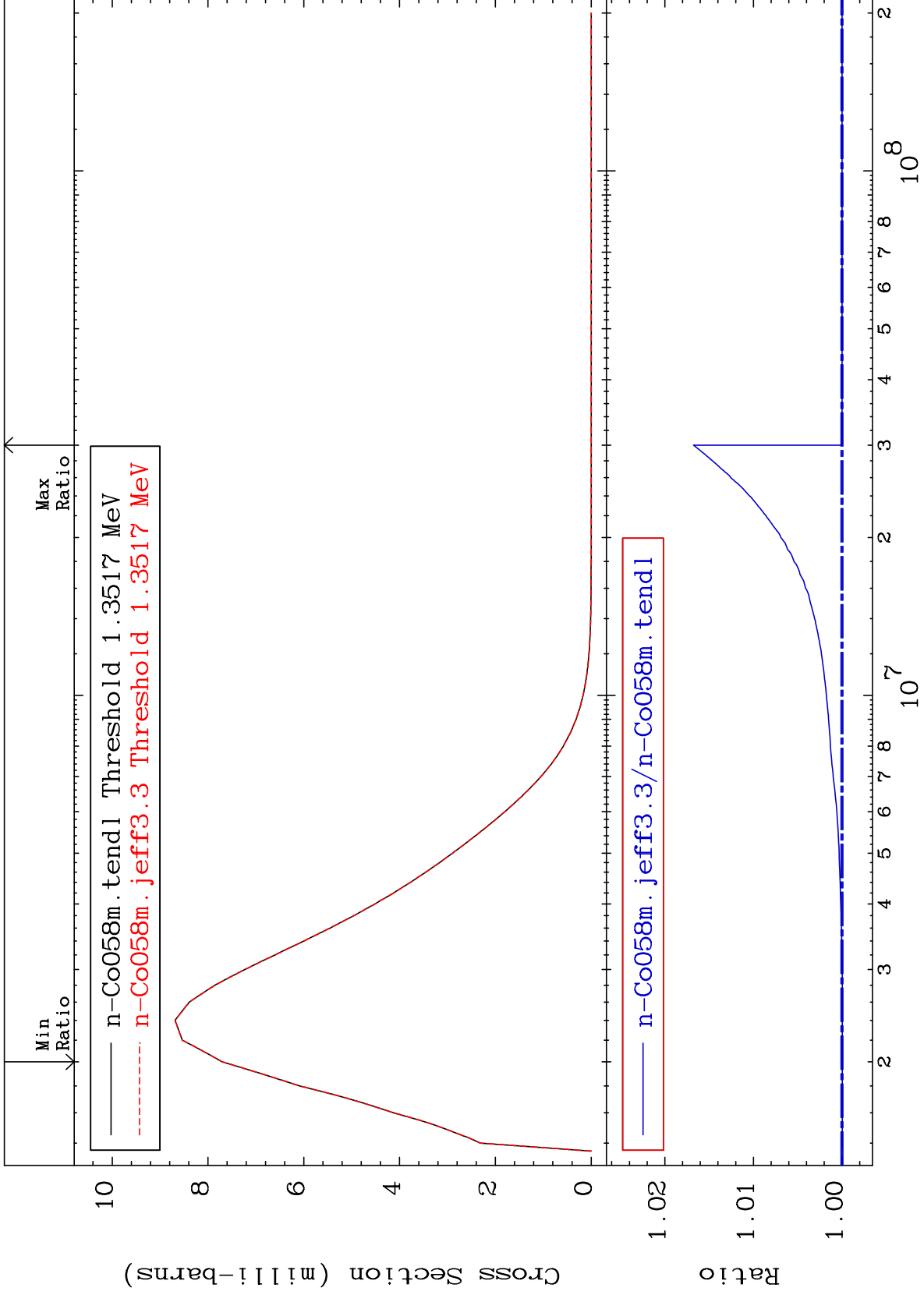




MAT 2723

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

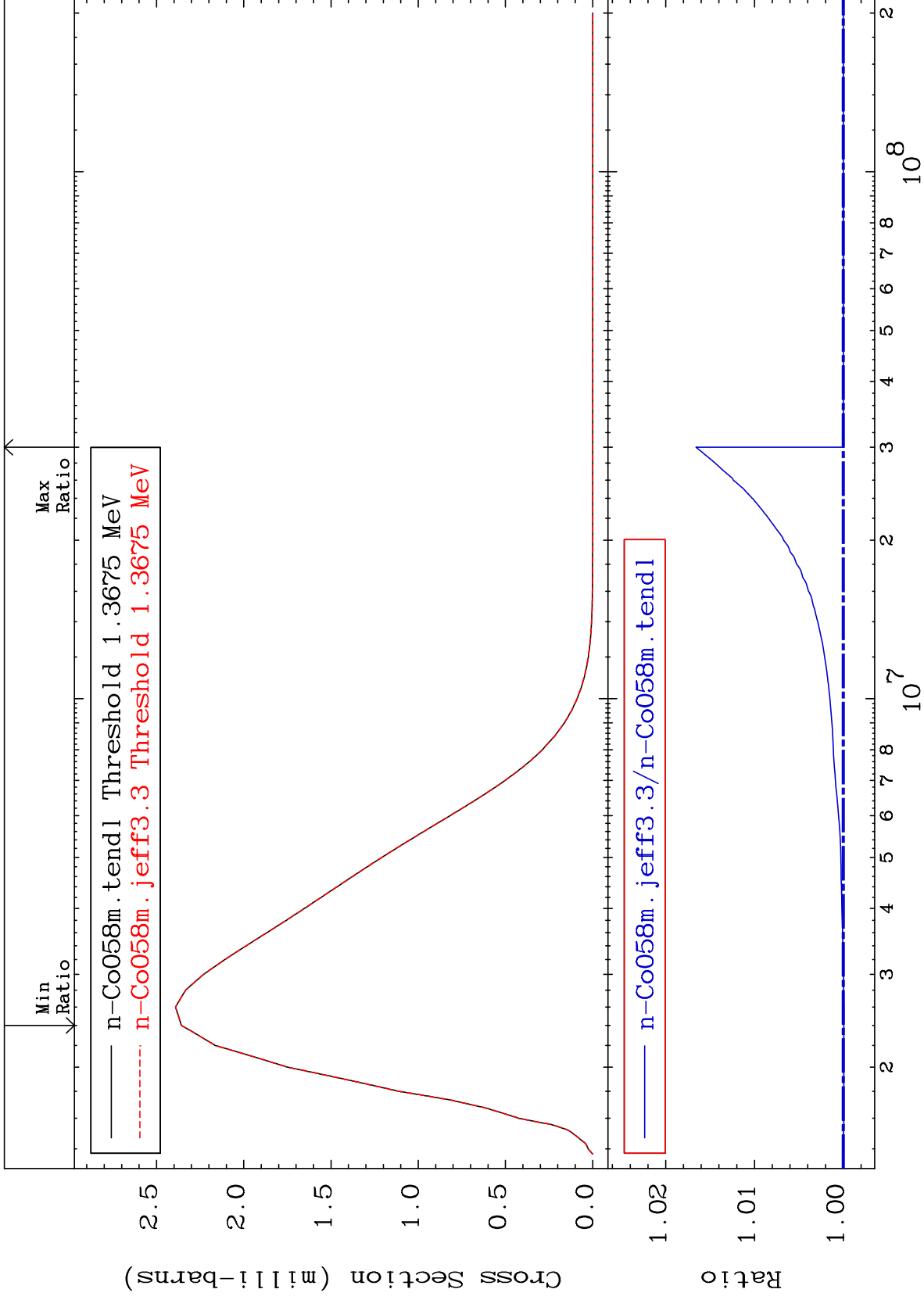
27-Co-58  
-0.004 To 1.676 %



MAT 2723

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

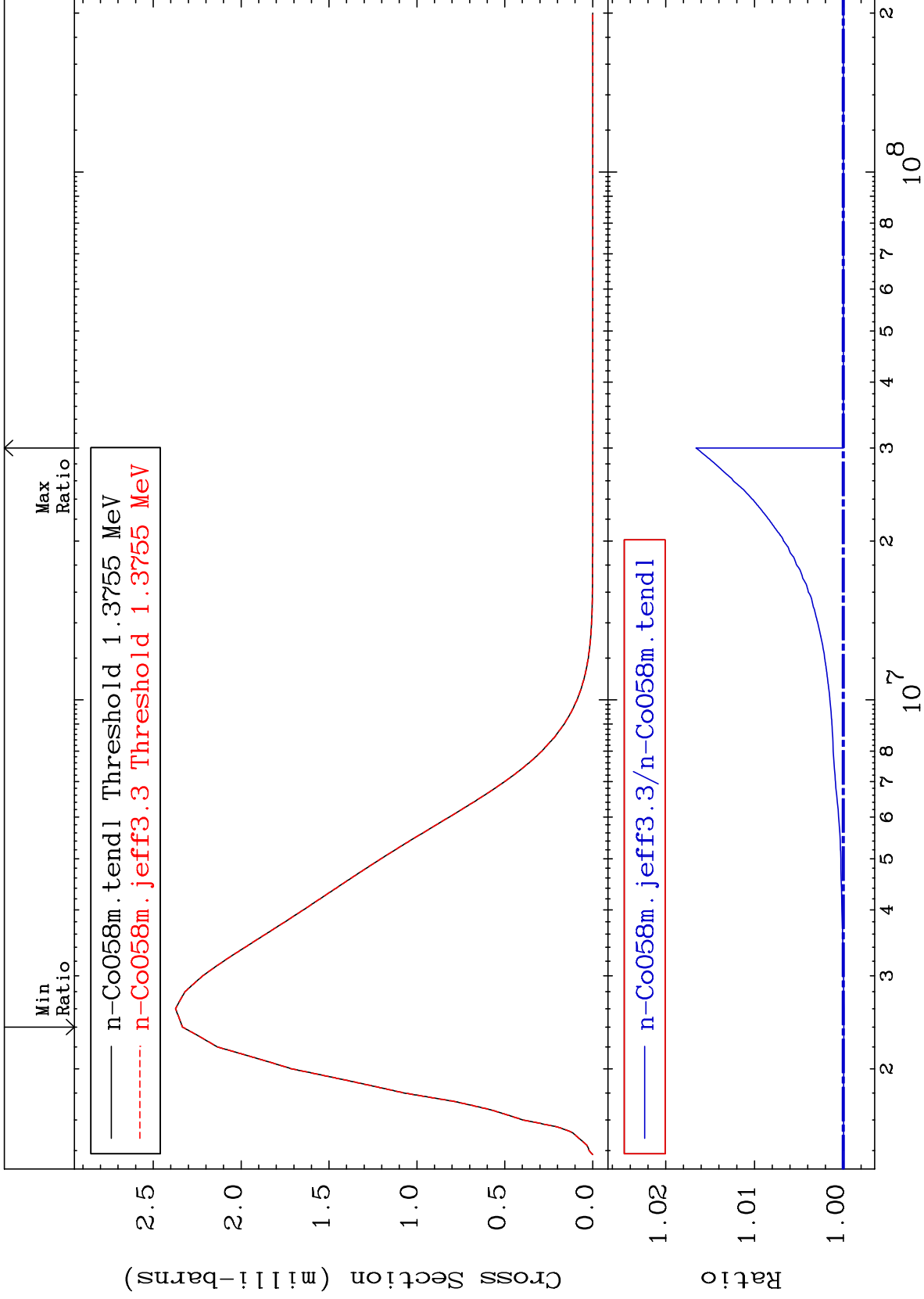
27-Co-58  
-0.005 To 1.658 %



MAT 2723

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

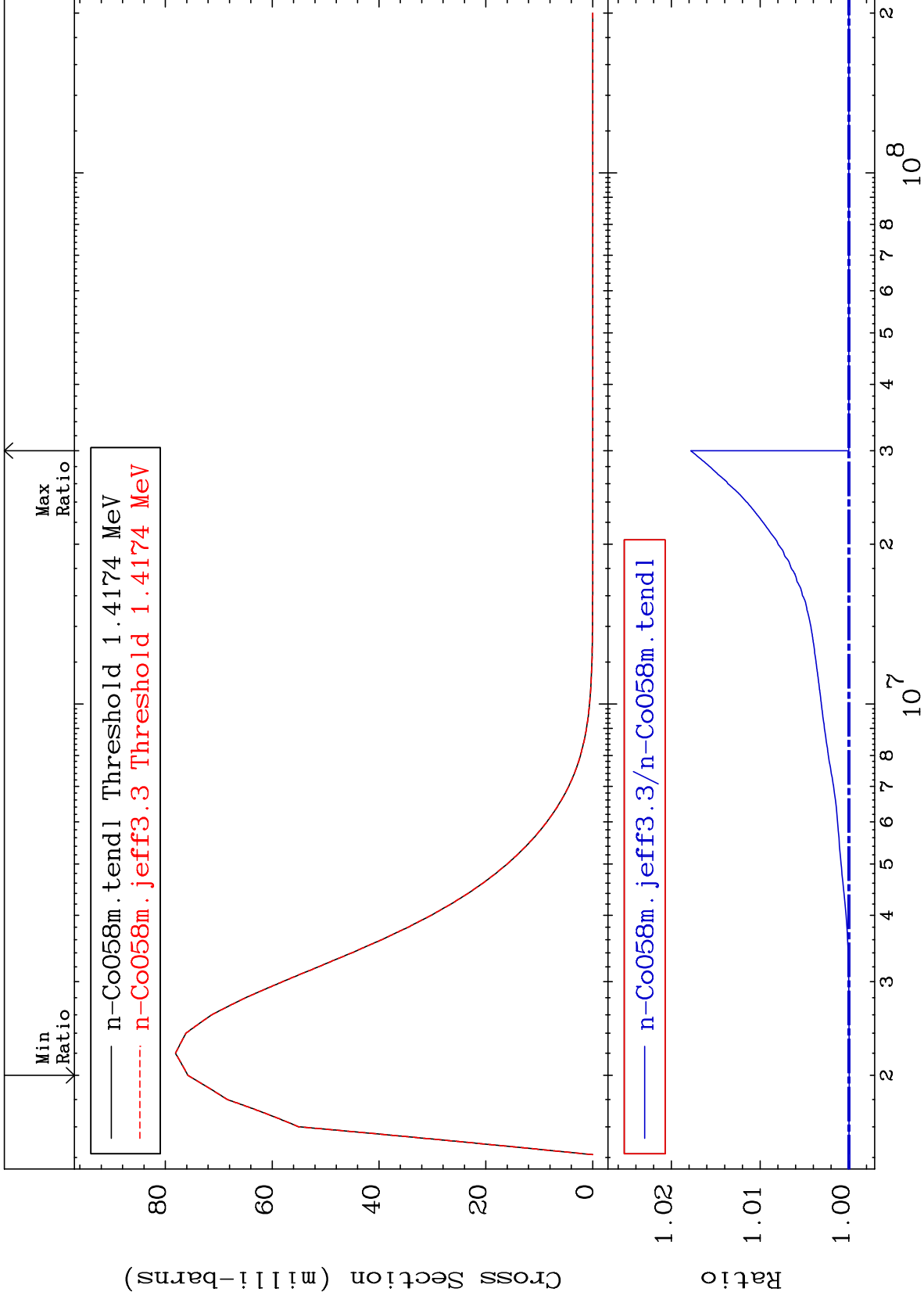
27-Co-58  
-0.005 To 1.658 %



MAT 2723

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

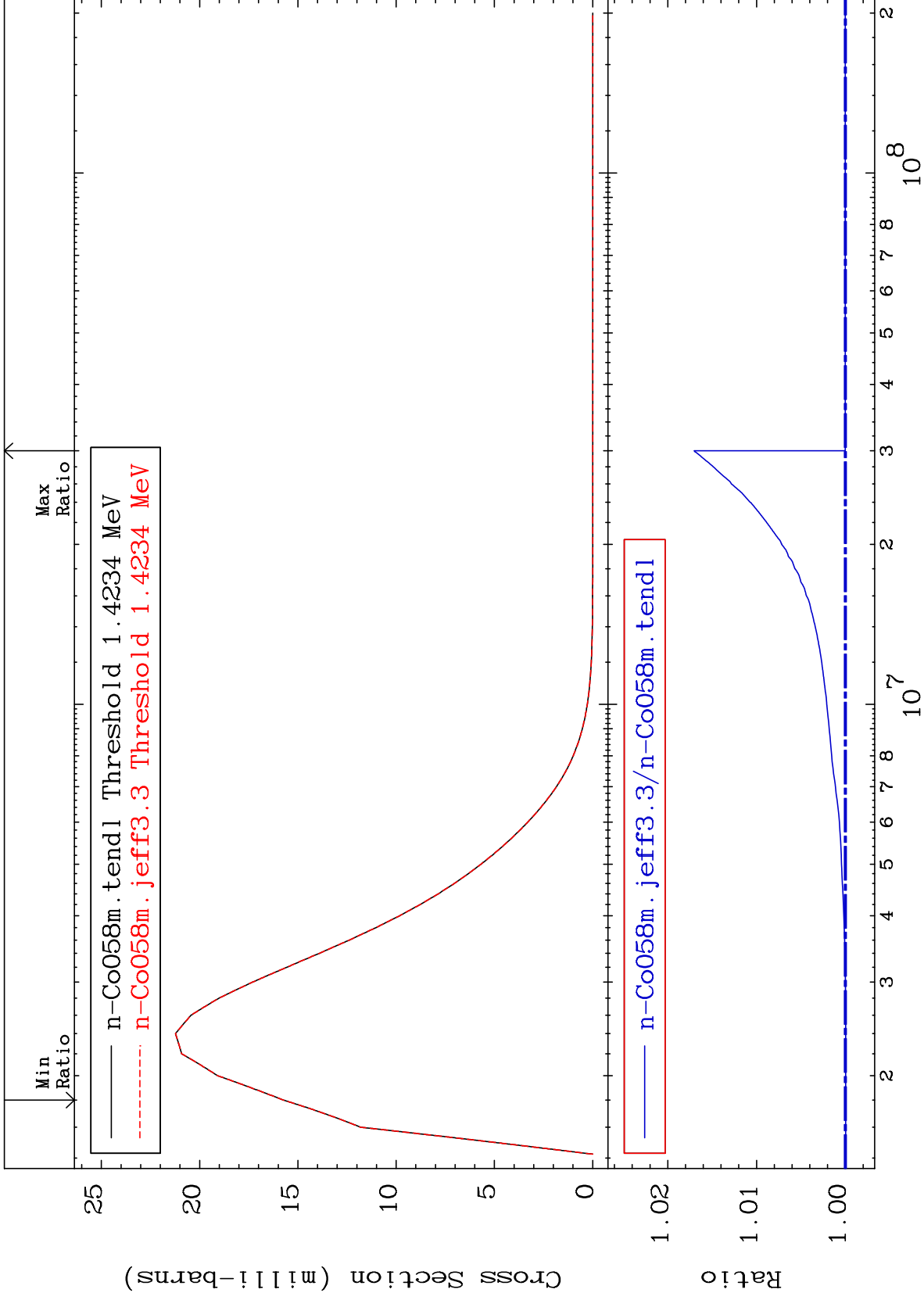
27-Co-58  
-0.003 To 1.783 %



MAT 2723

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

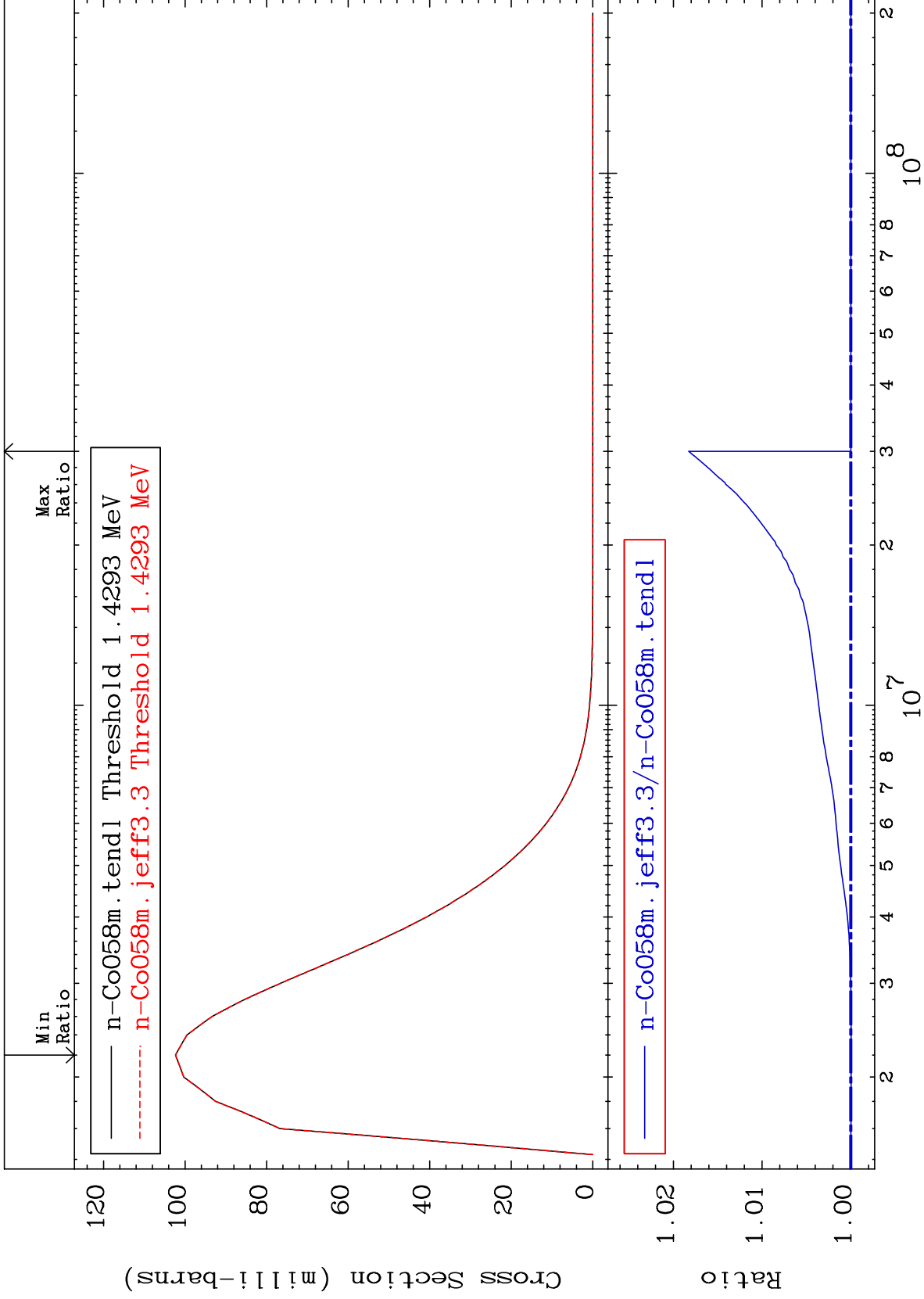
27-Co-58  
-0.004 To 1.703 %

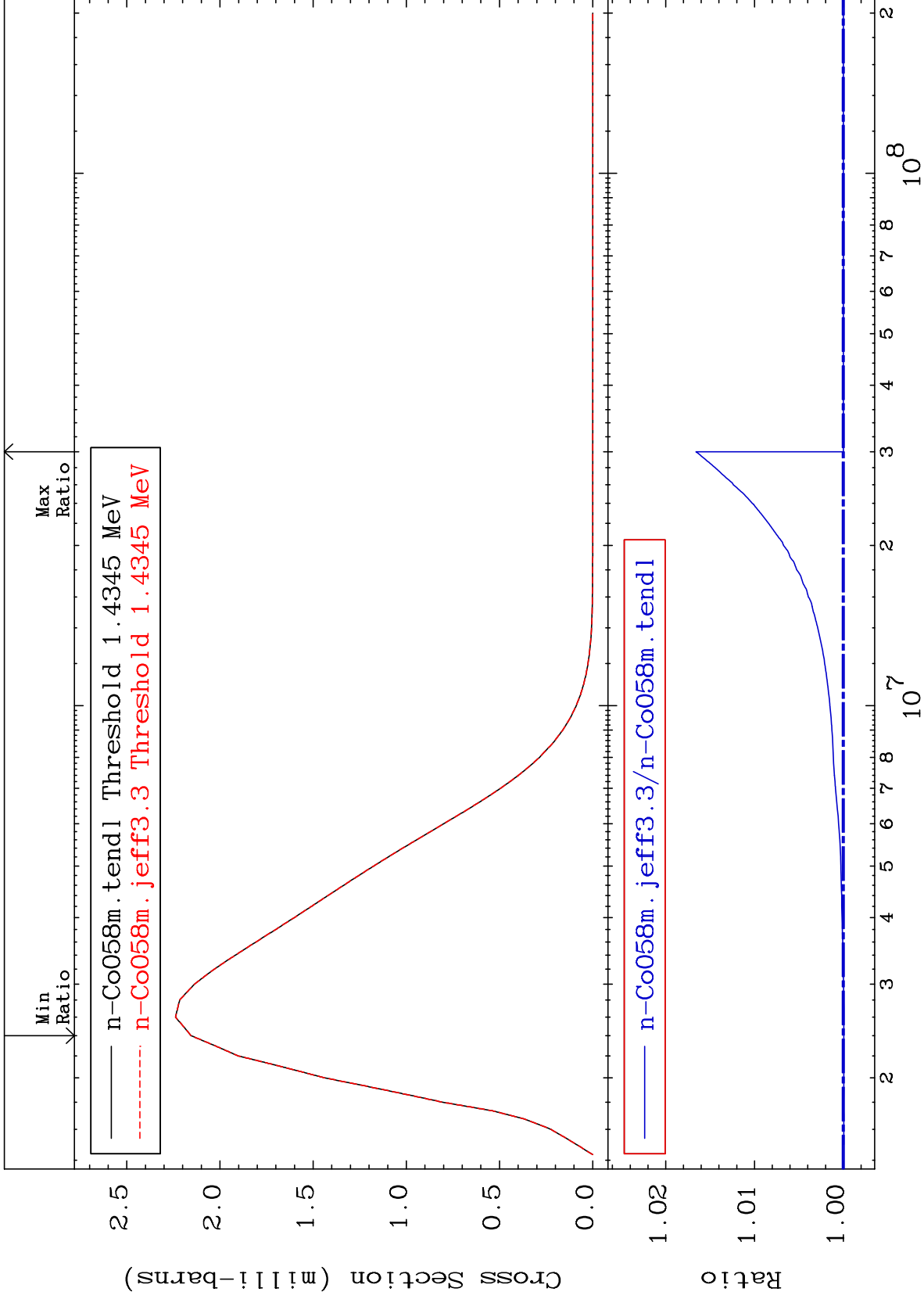


MAT 2723

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

27-Co-58  
-0.004 To 1.827 %

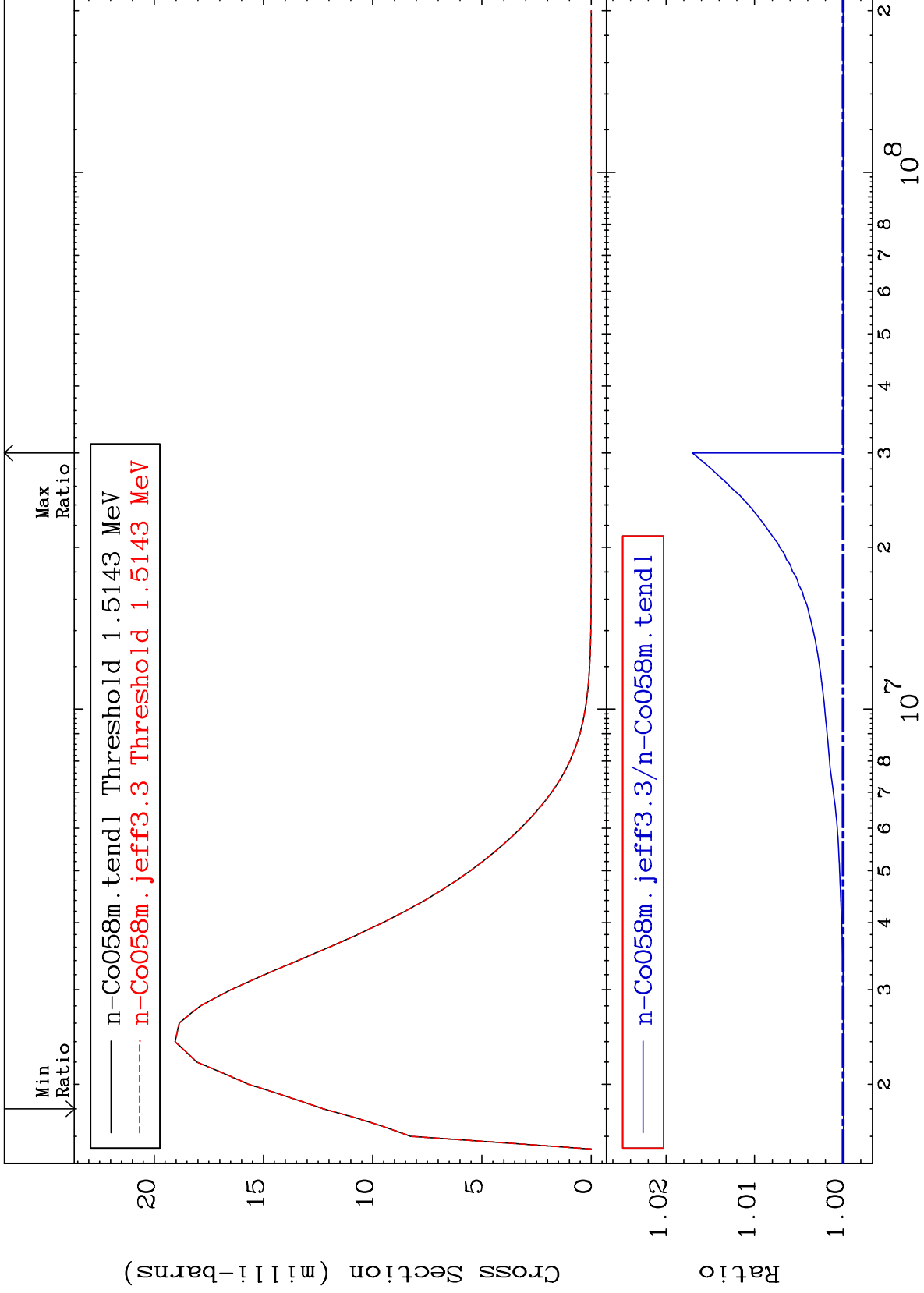




MAT 2723

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

27-Co-58  
-0.004 To 1.703 %



40

Incident Energy (eV)

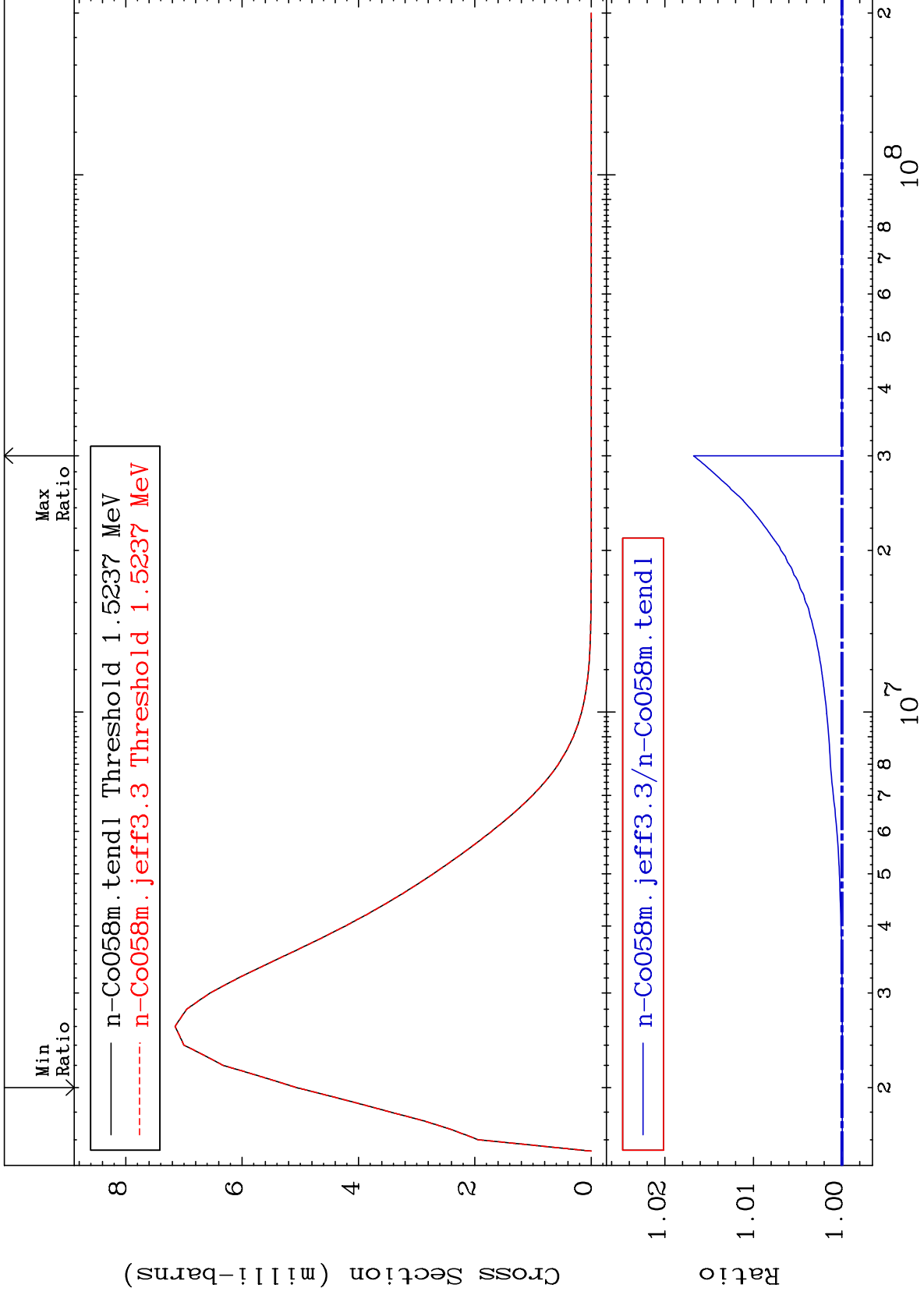
27-Co-58



MAT 2723

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

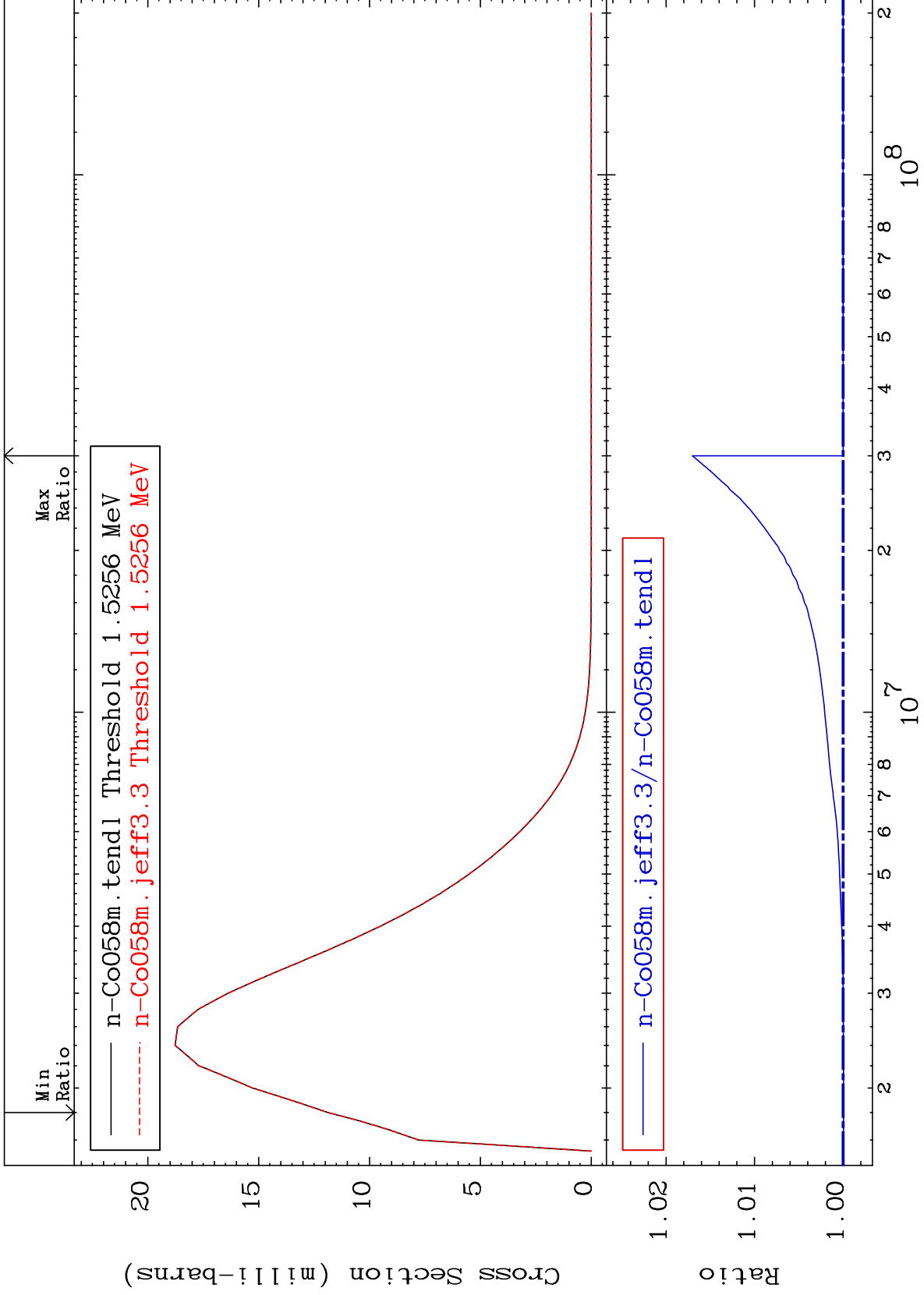
27-Co-58  
-0.004 To 1.676 %



MAT 2723

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

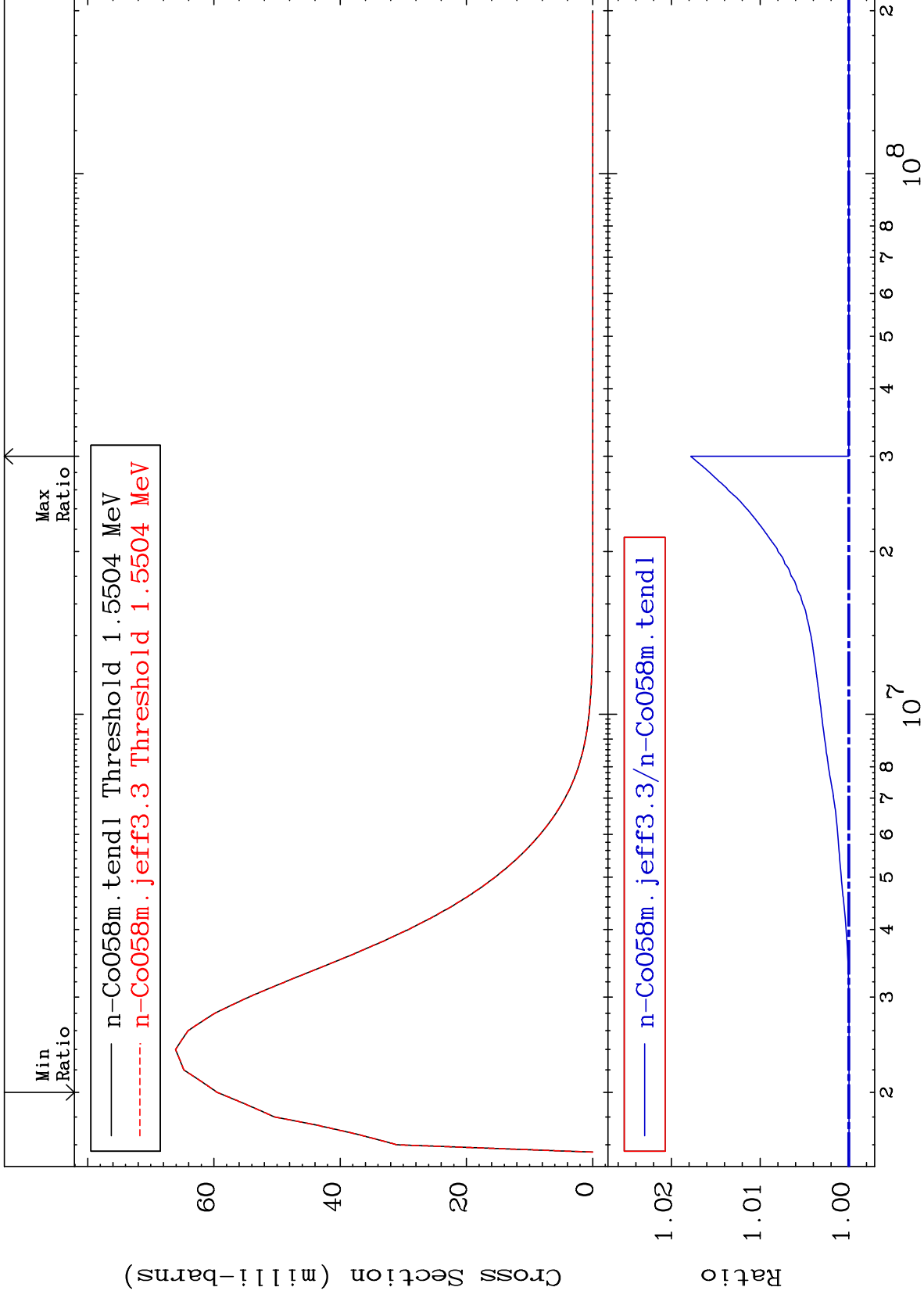
27-Co-58  
-0.004 To 1.702 %



MAT 2723

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

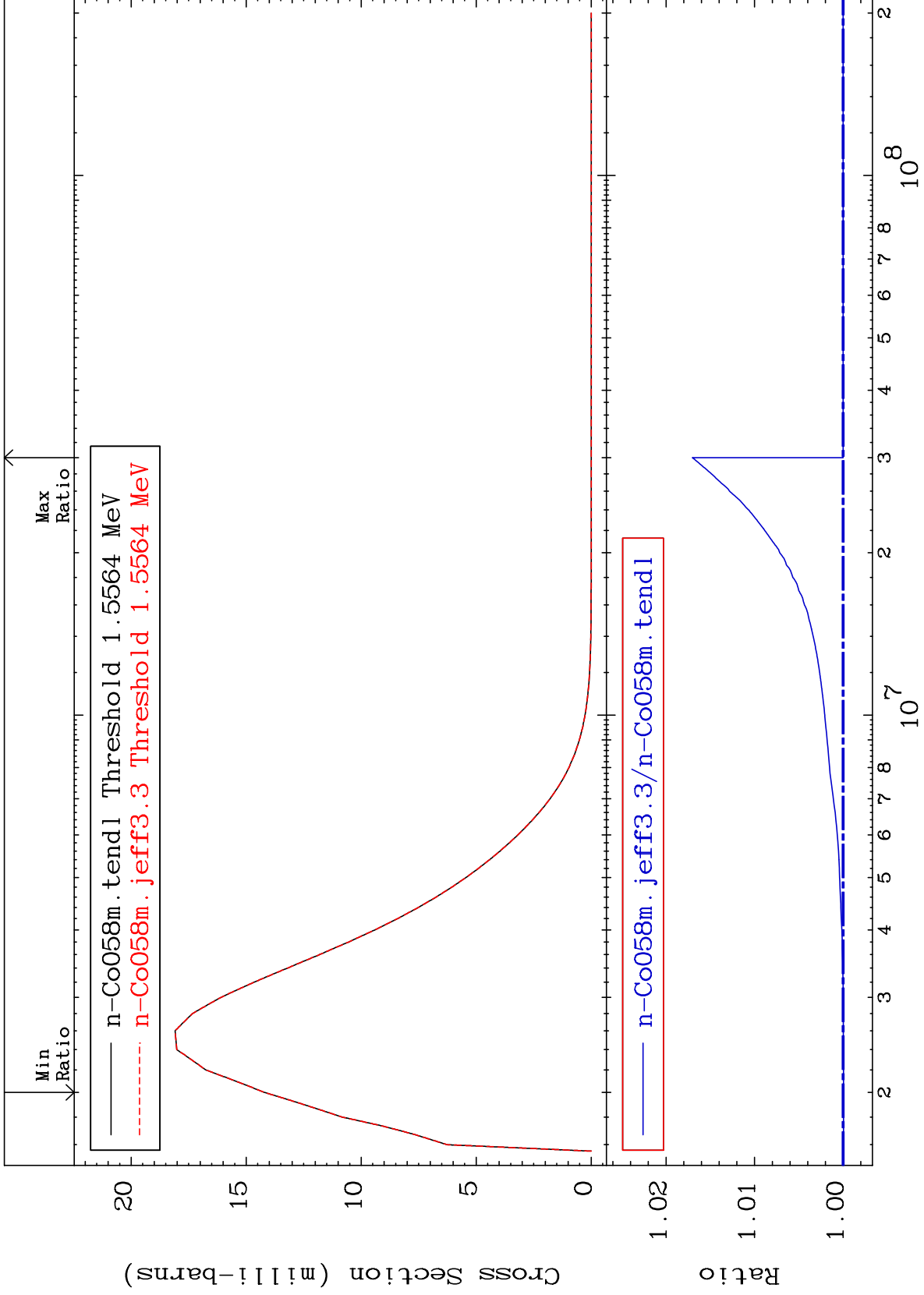
27-Co-58  
-0.003 To 1.782 %



MAT 2723

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

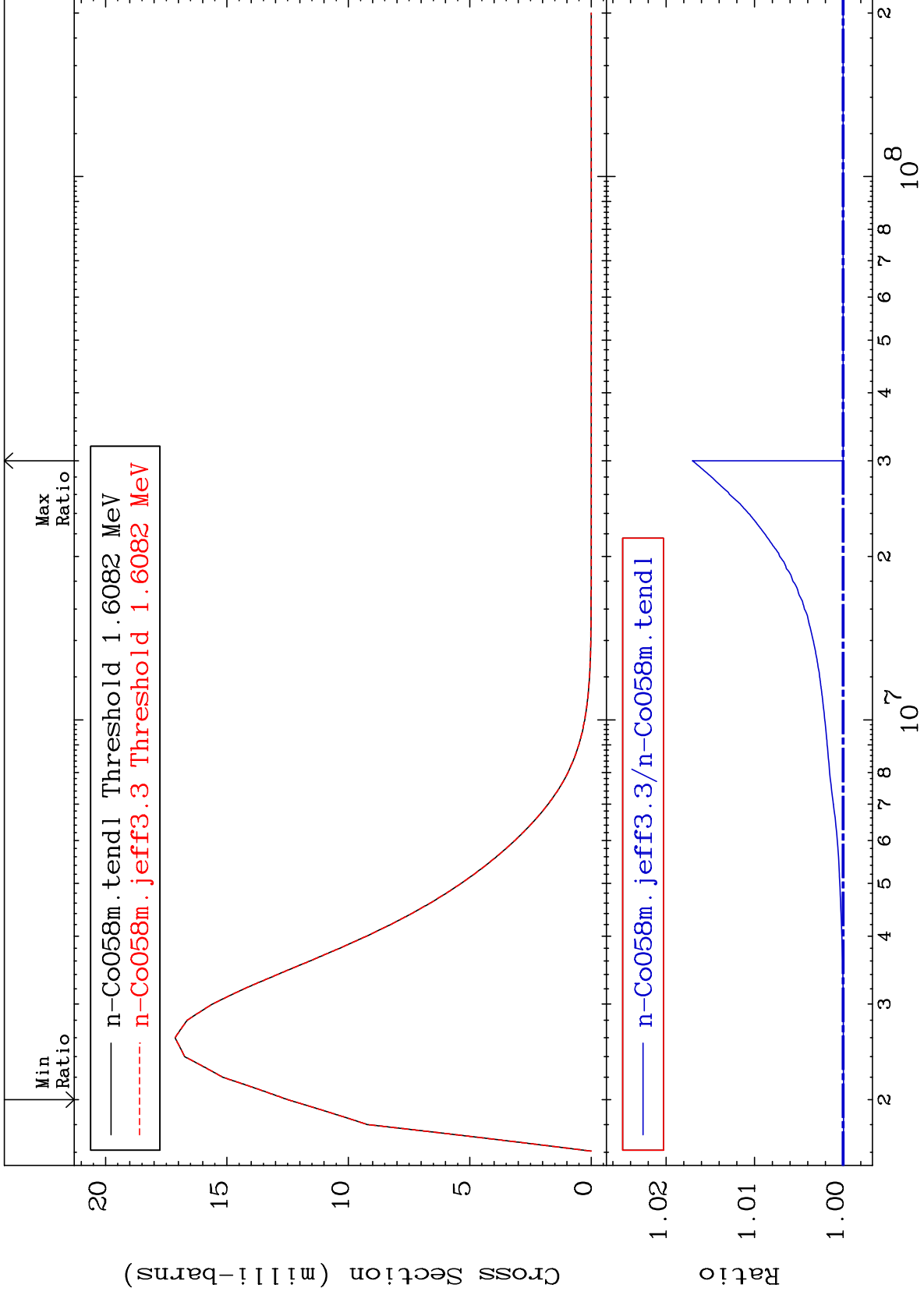
27-Co-58  
-0.004 To 1.702 %



MAT 2723

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

27-Co-58  
-0.004 To 1.702 %



45

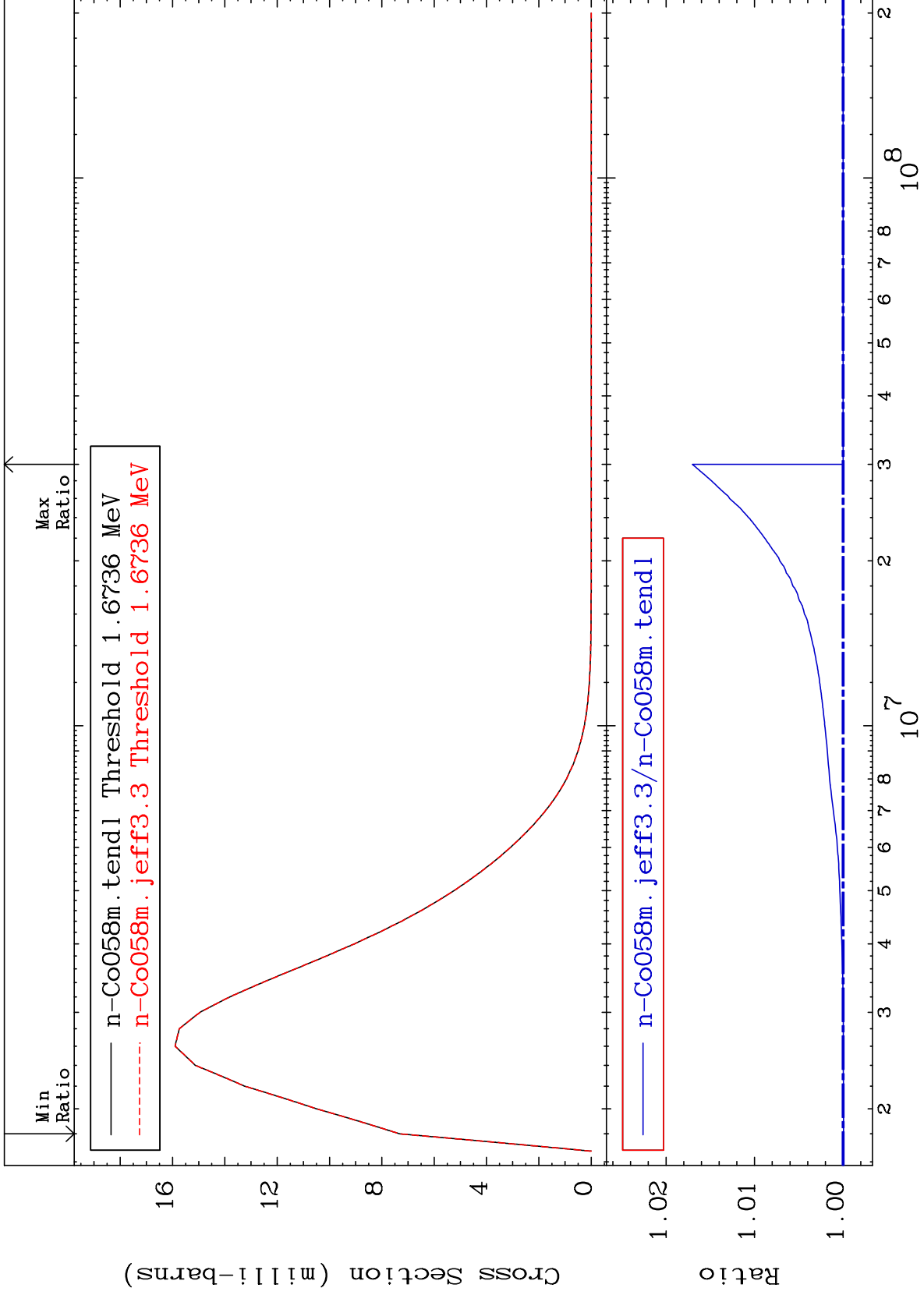
Incident Energy (eV)

27-Co-58

MAT 2723

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

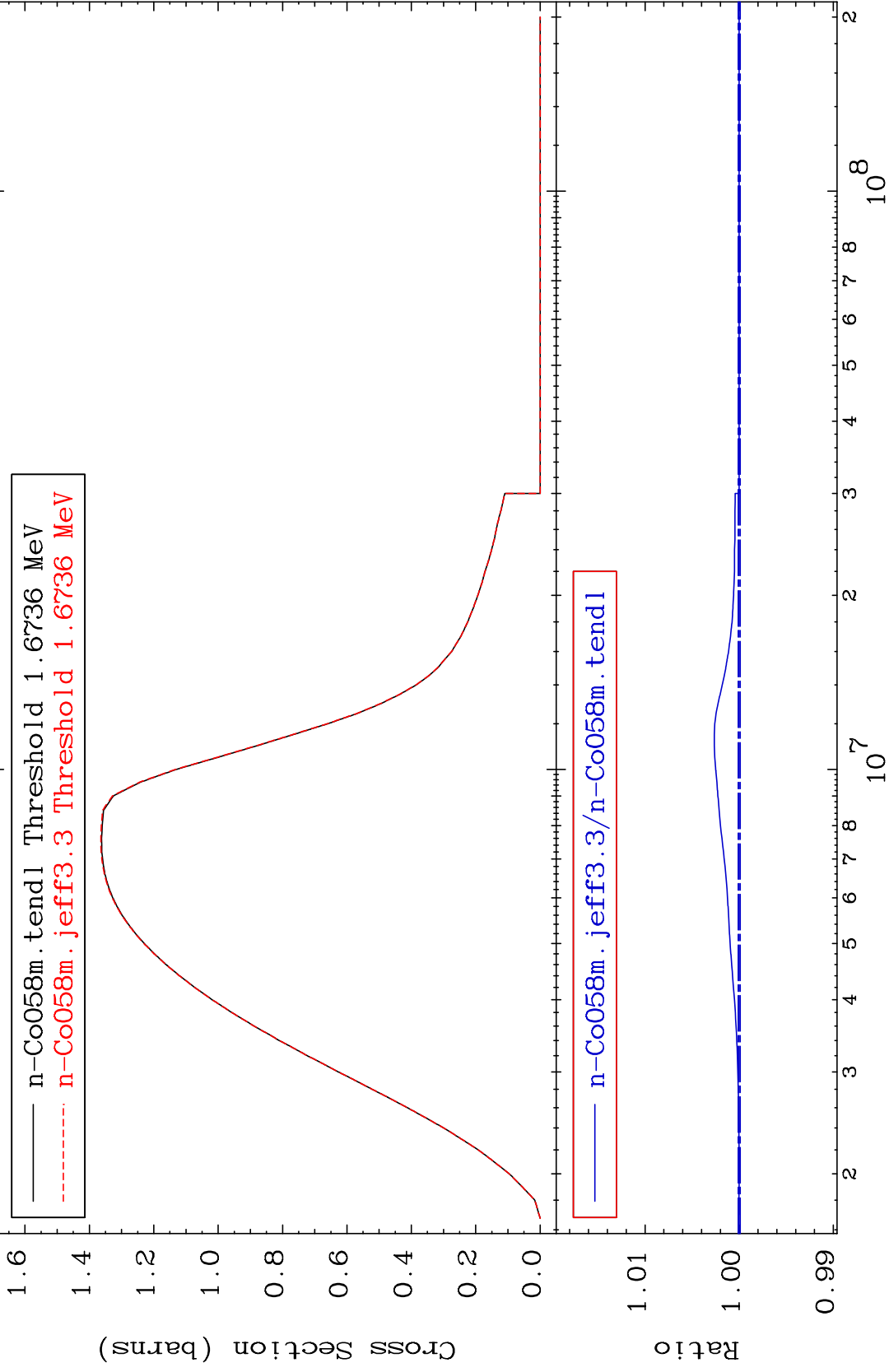
27-Co-58  
-0.004 To 1.702 %



MAT 2723

(n, n') Continuum  
Cross Section

27-Co-58  
0.000 To 0.265 %



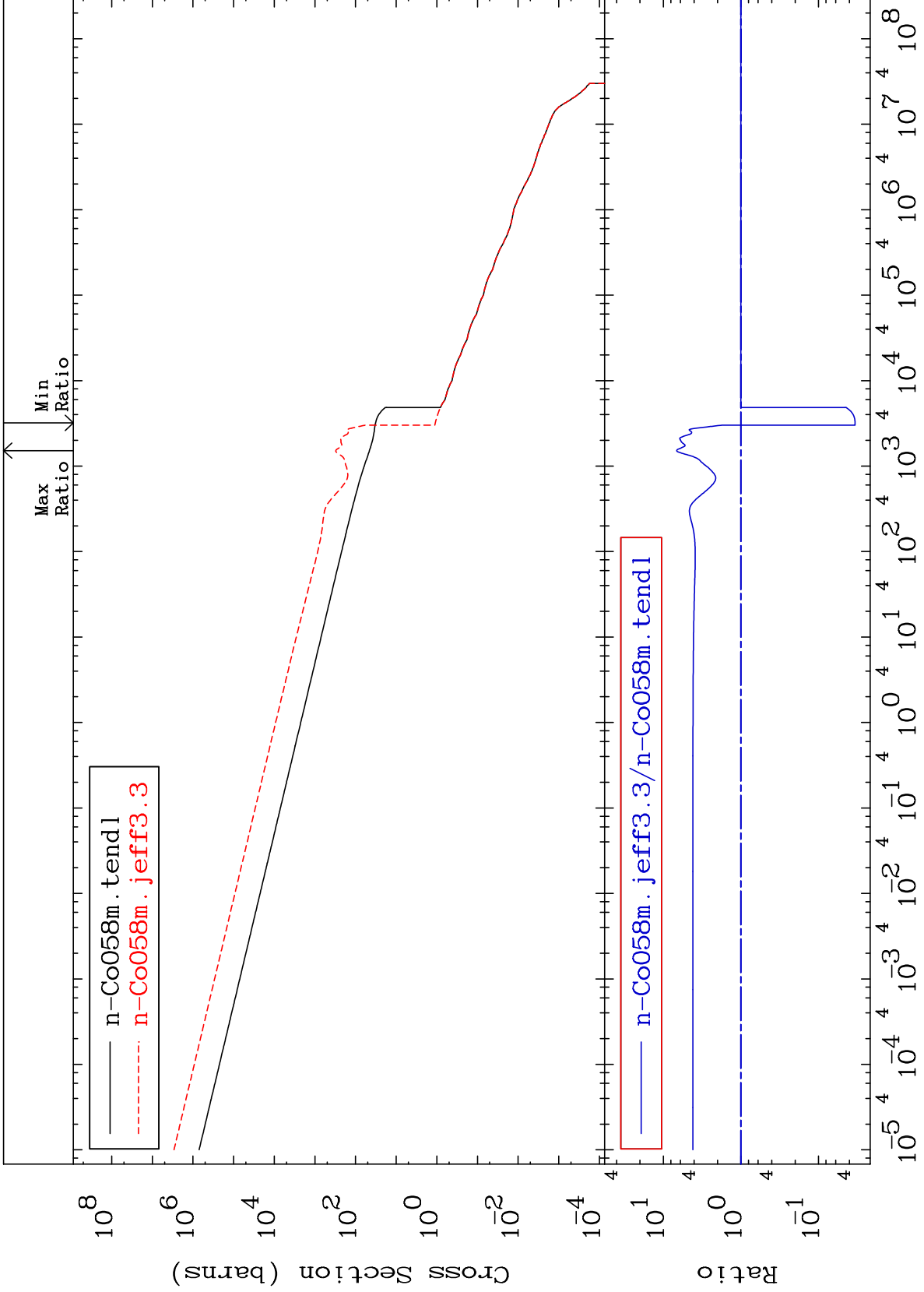
MAT 2723

(n,  $\gamma$ )

27-Co-58

Cross Section

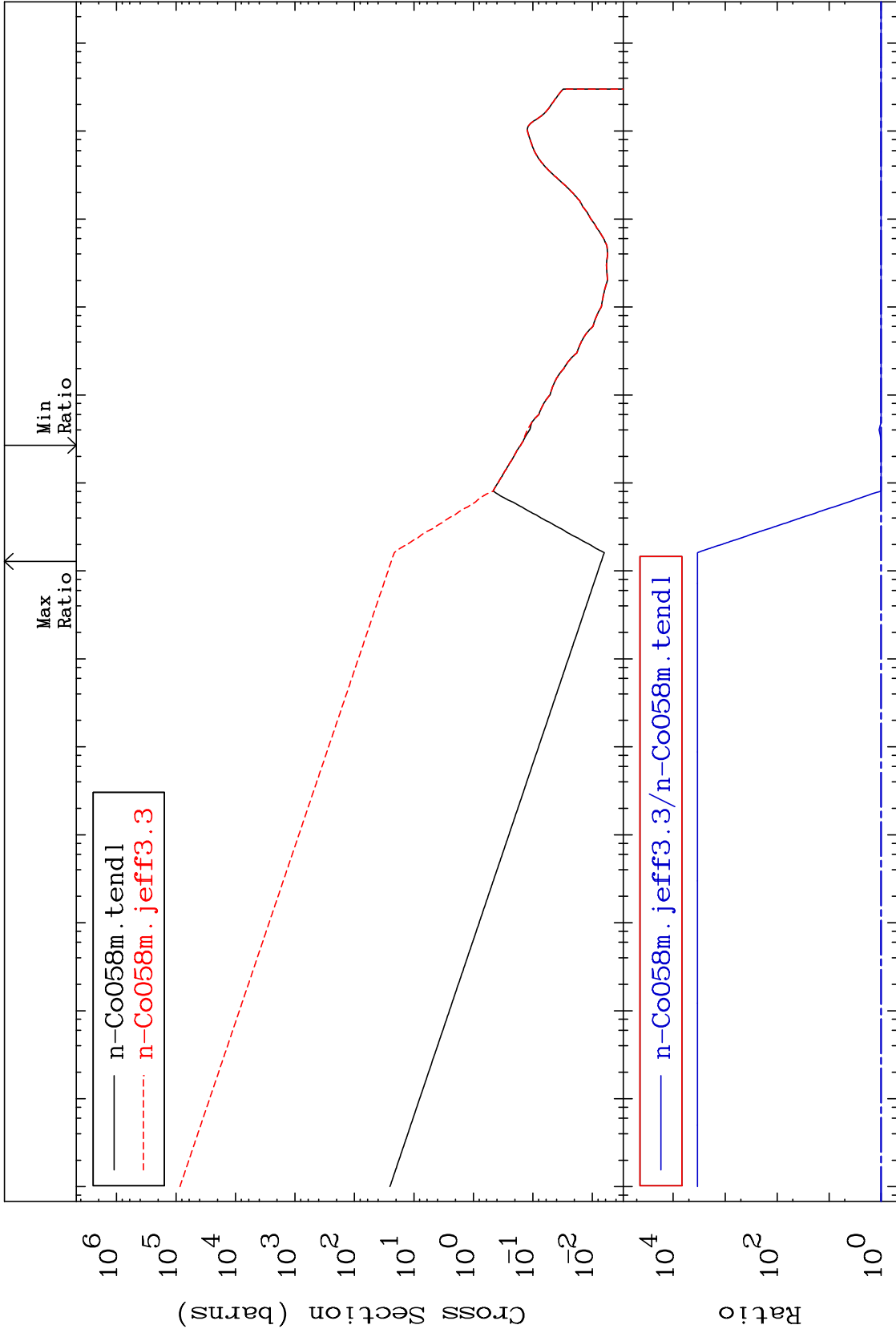
-96.62 To 571.5 %





Cross Section

-0.057 To 9999. %



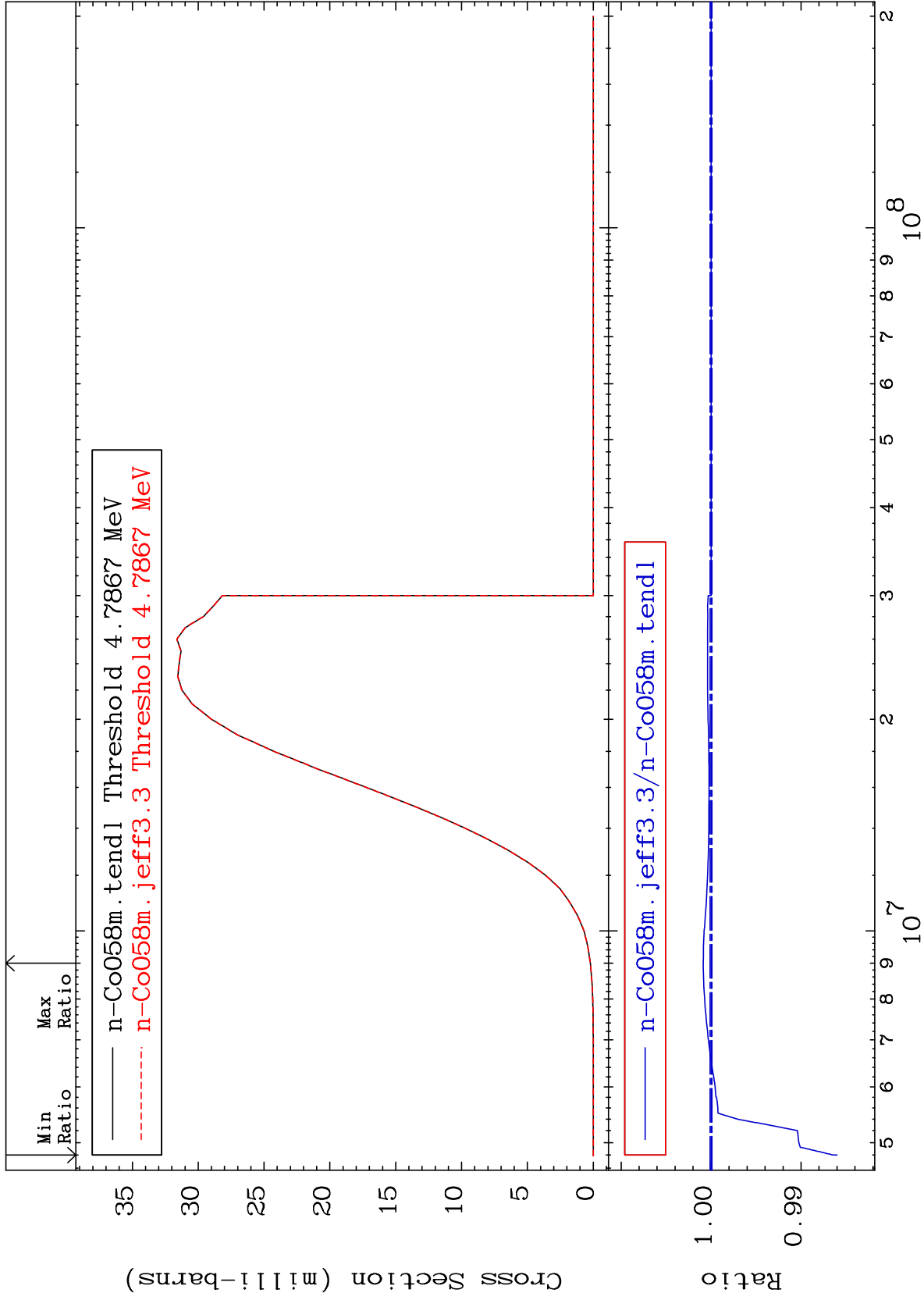
MAT 2723

(n, d)

27-Co-58

Cross Section

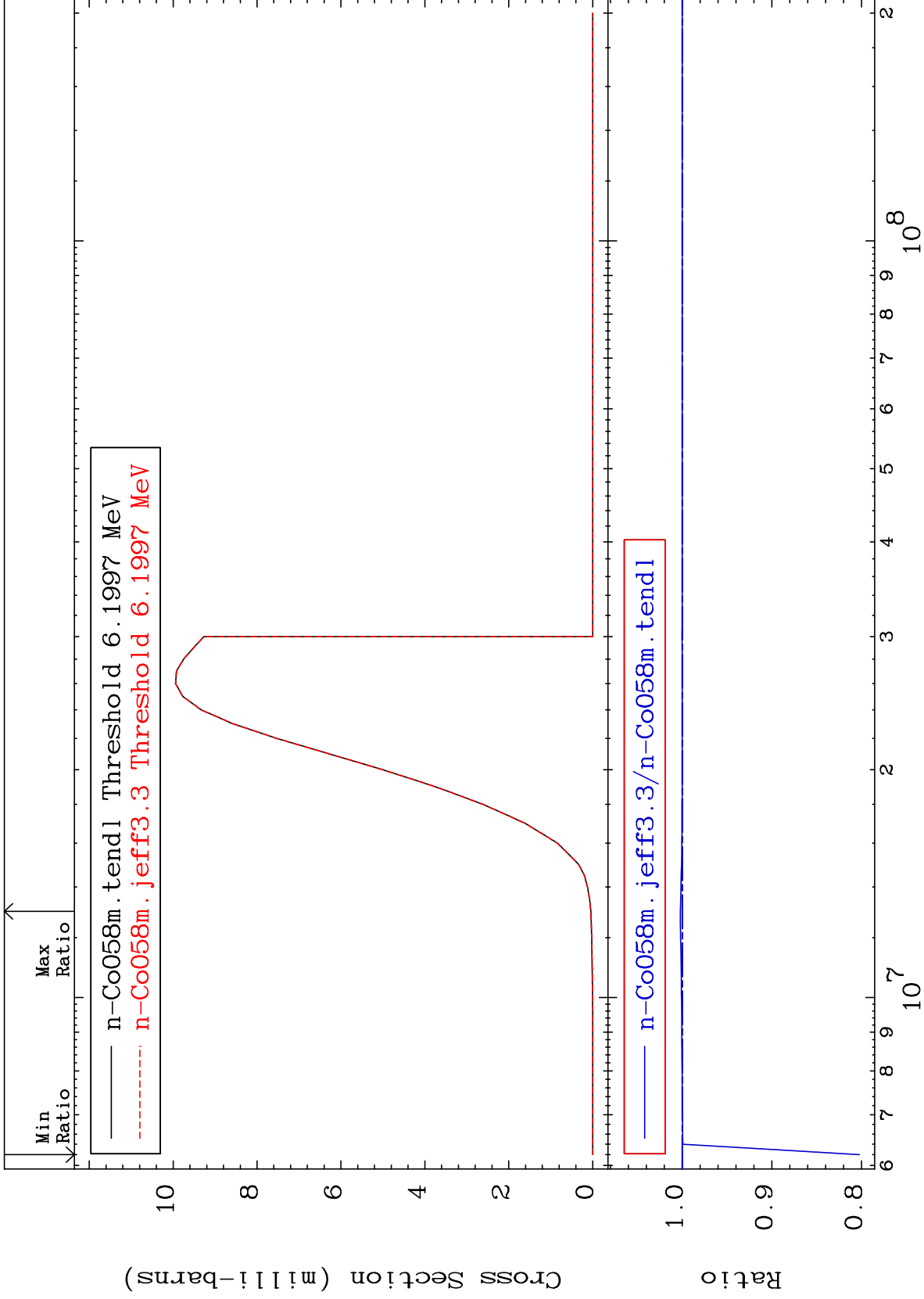
-1.401 To 0.087 %



50

Incident Energy (eV)

27-Co-58



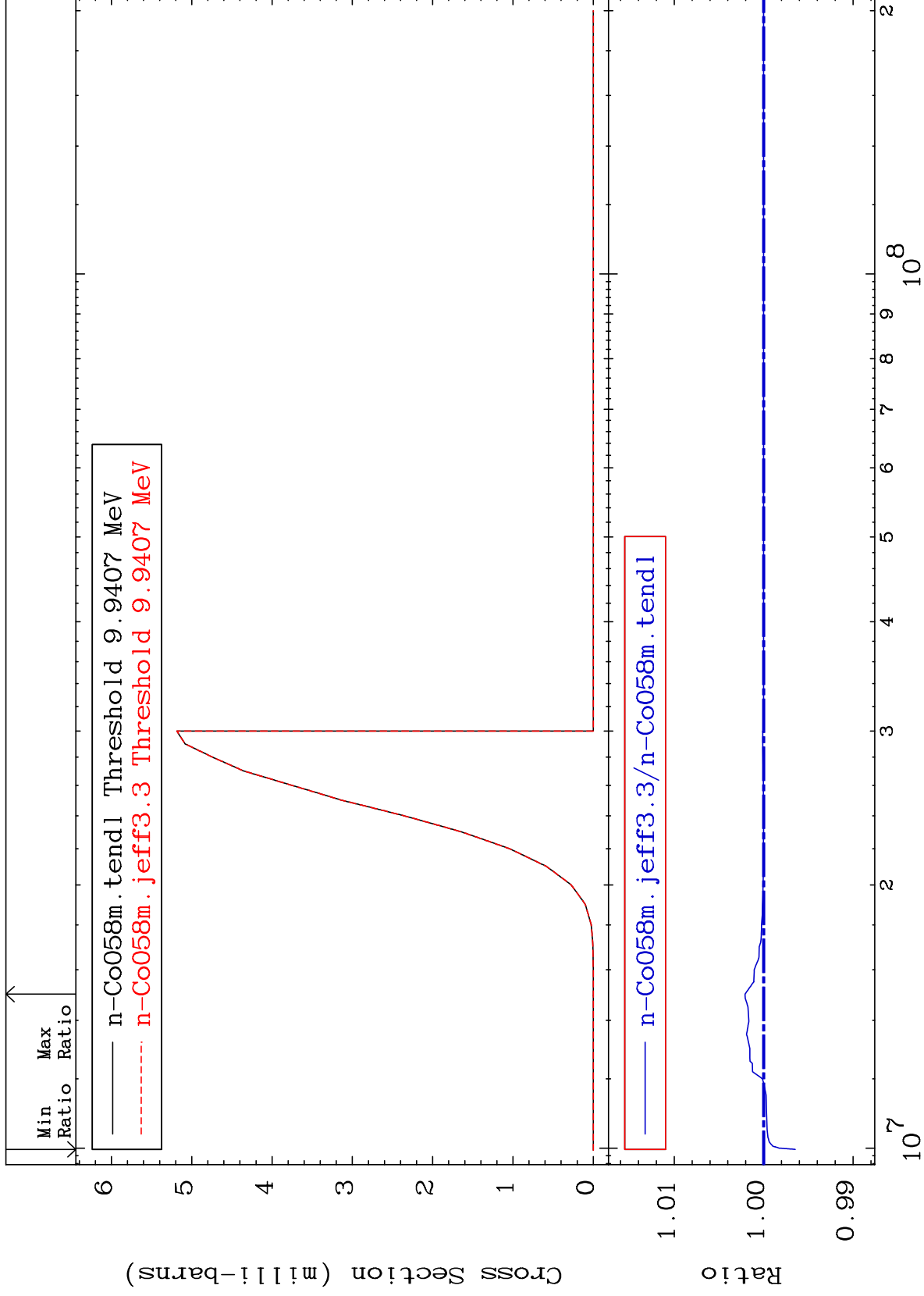
MAT 2723

(n, He-3)

27-Co-58

Cross Section

-0.354 To 0.208 %



52

Incident Energy (eV)

27-Co-58

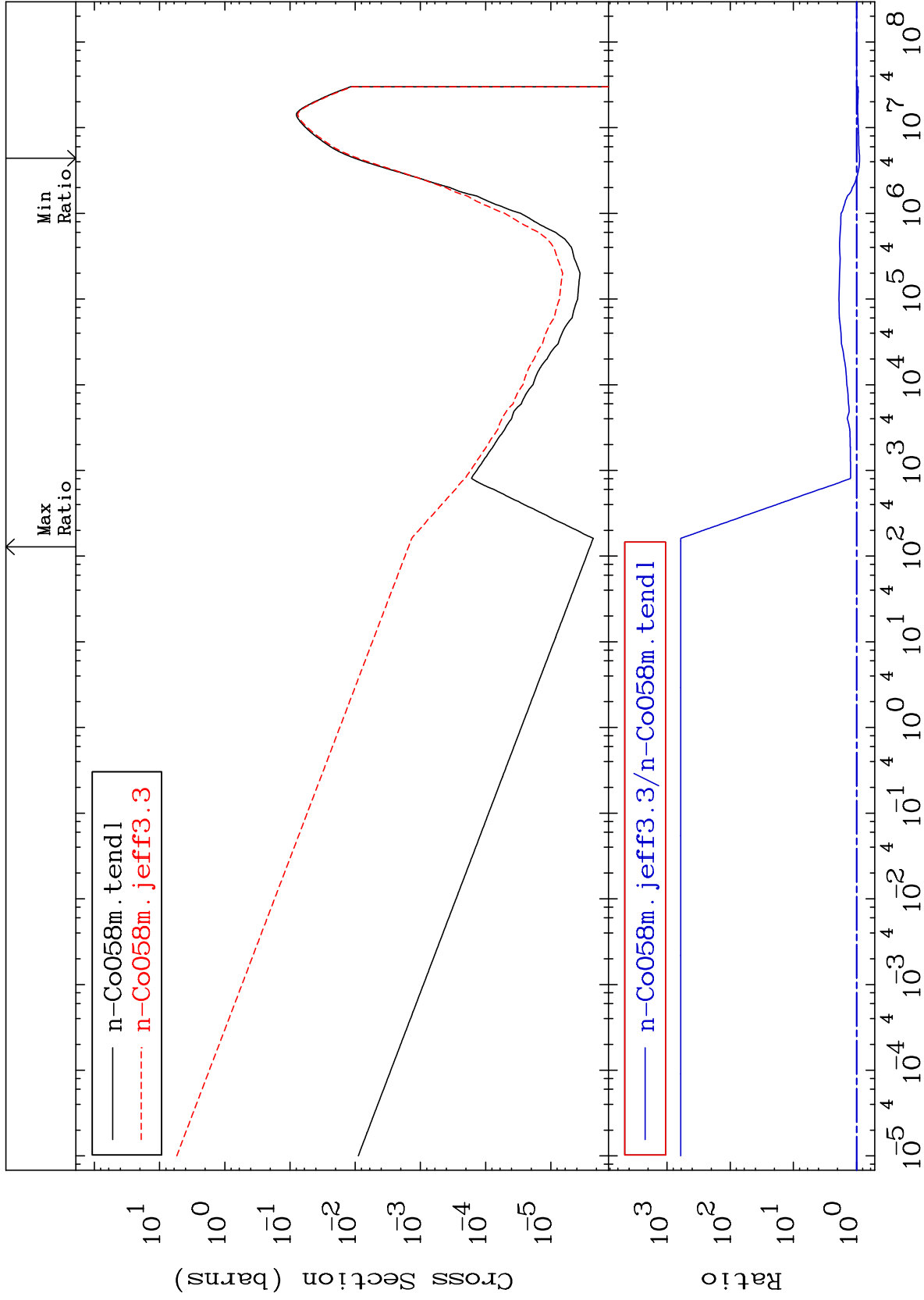
MAT 2723

(n,  $\alpha$ )

27-Co-58

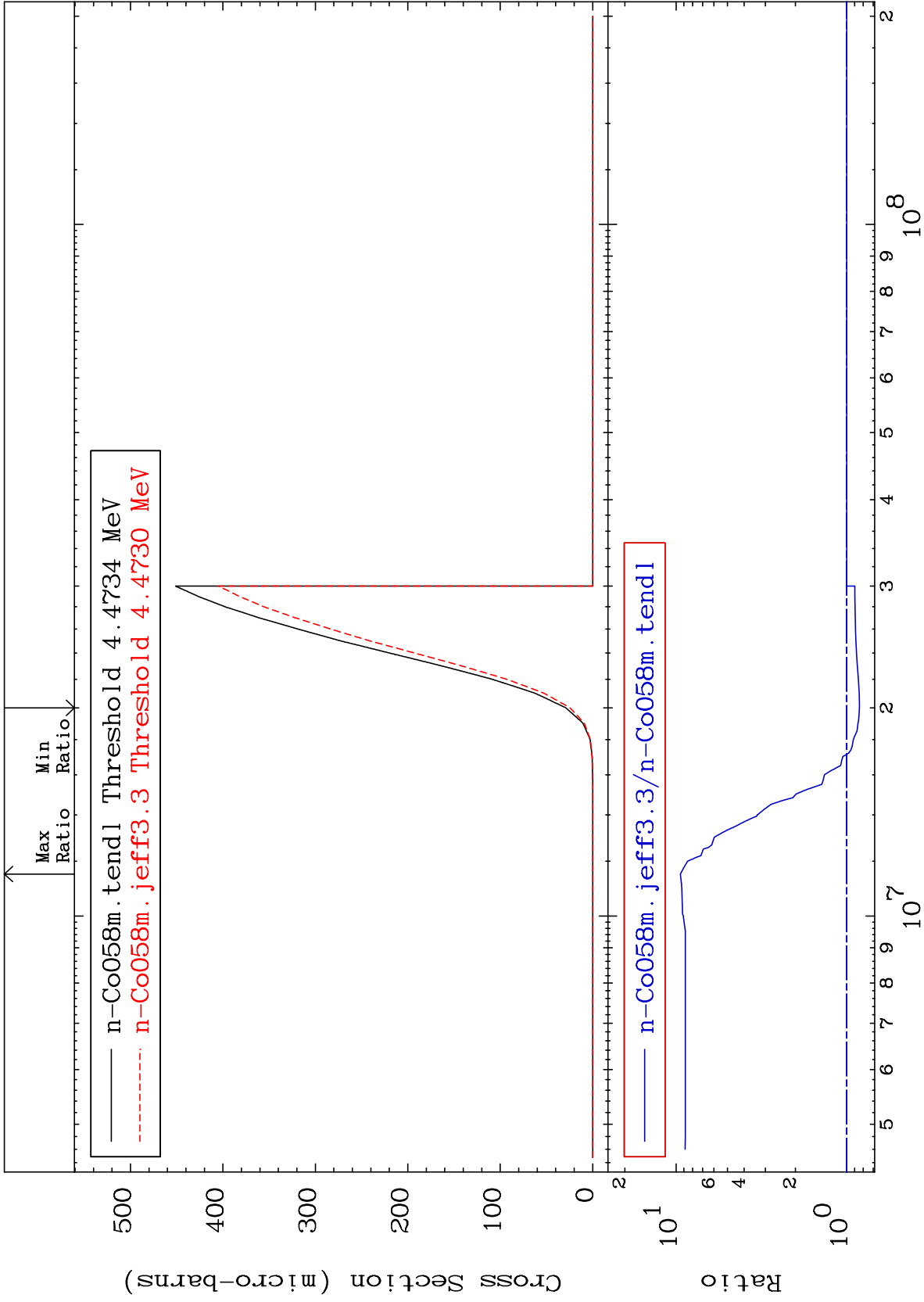
Cross Section

-10.34 To 9999. %



Cross Section

-15.75 To 844.7 %



MAT 2723

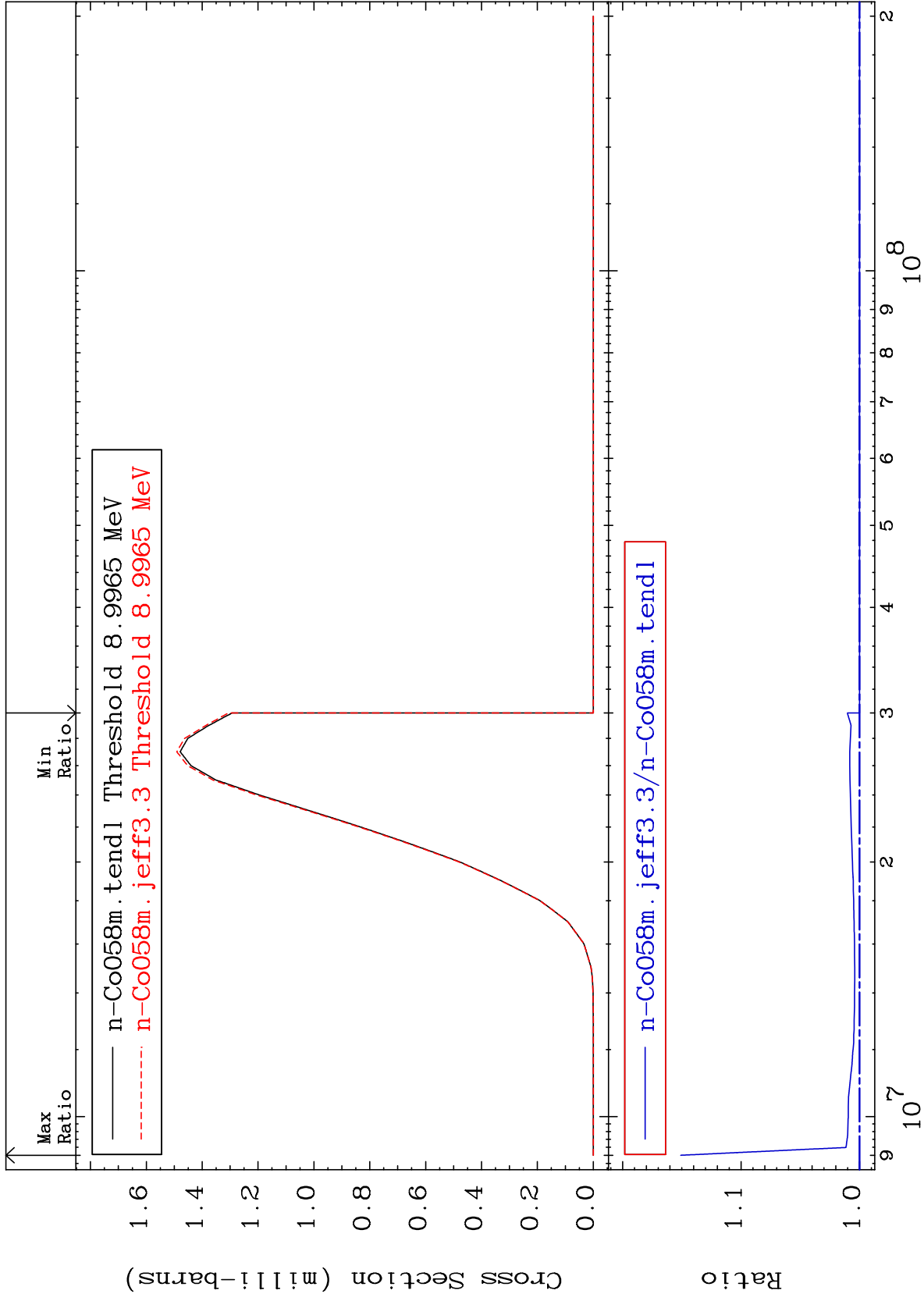
(n,2p)

27-Co-58

Cross Section

0.000

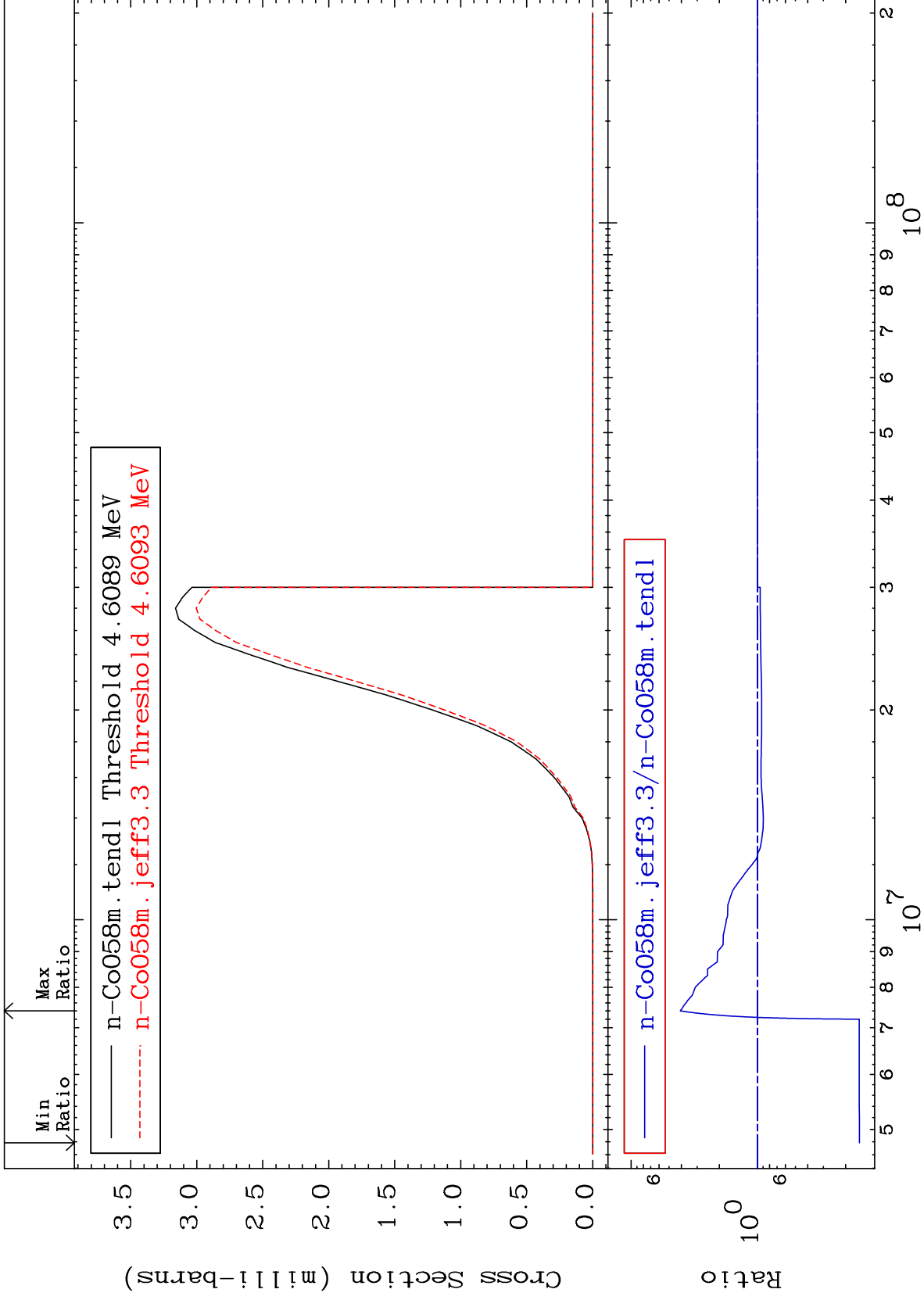
To 15.09 %



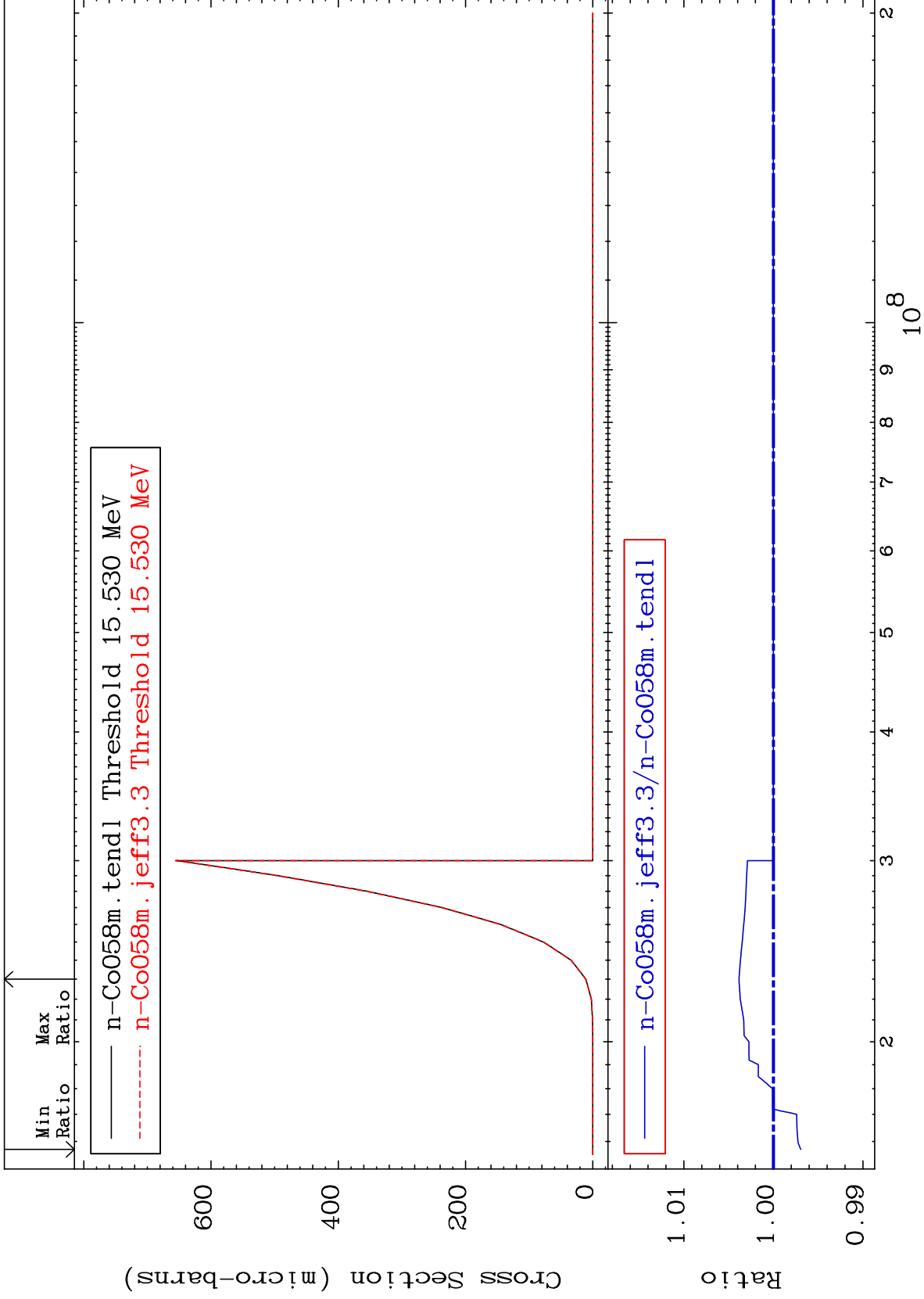
55

Incident Energy (eV)

27-Co-58

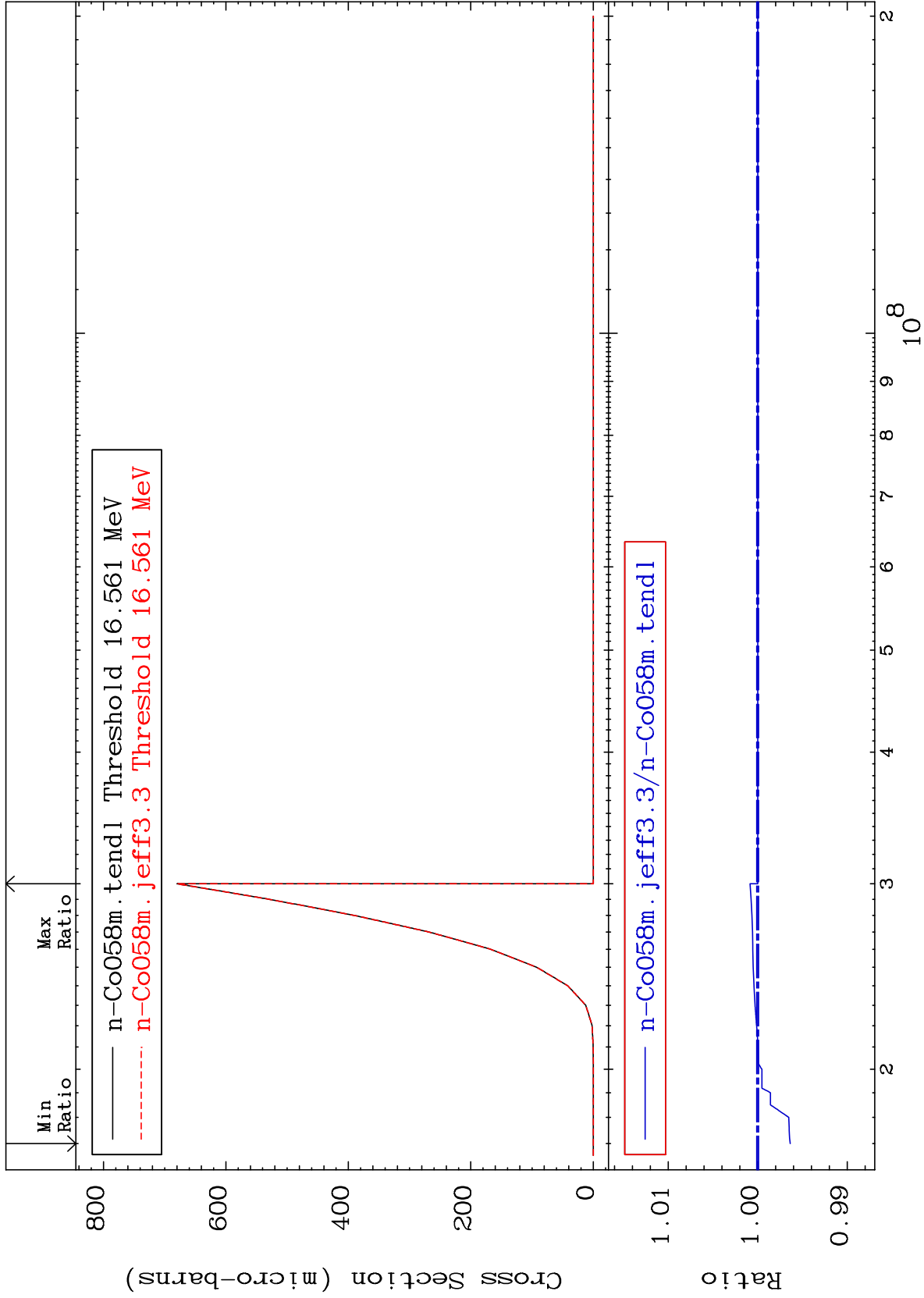


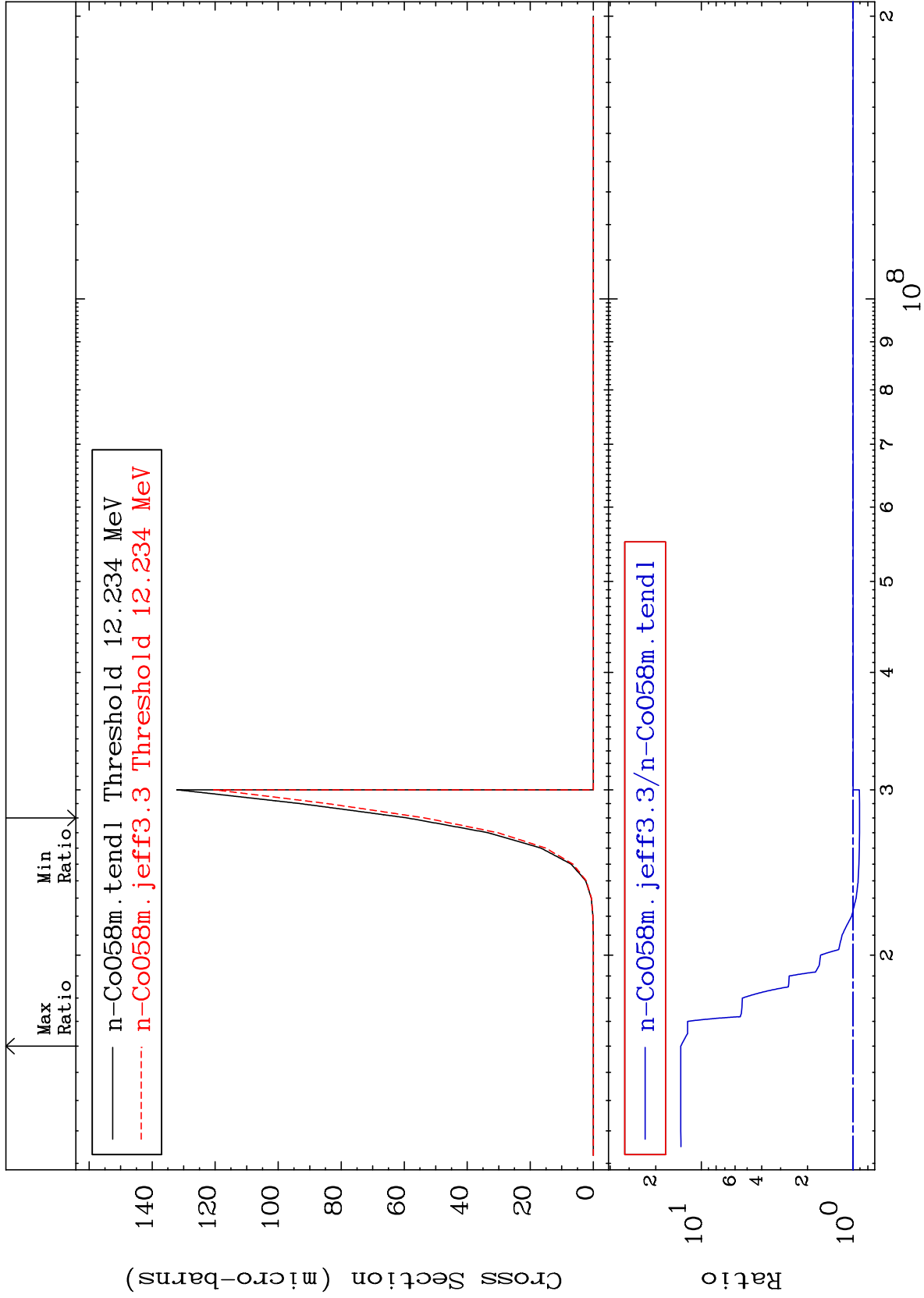


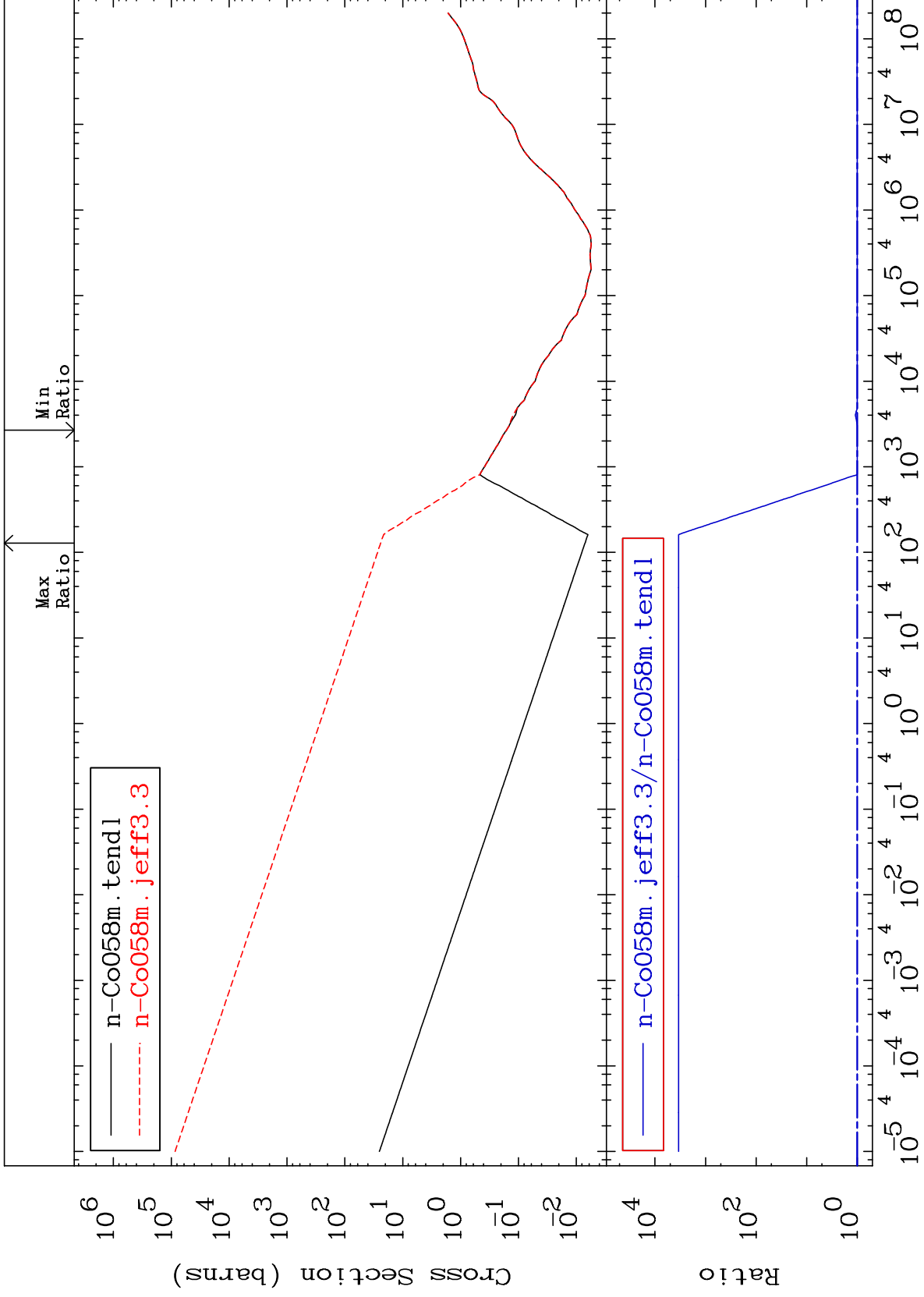


Cross Section

-0.363 To 0.085 %



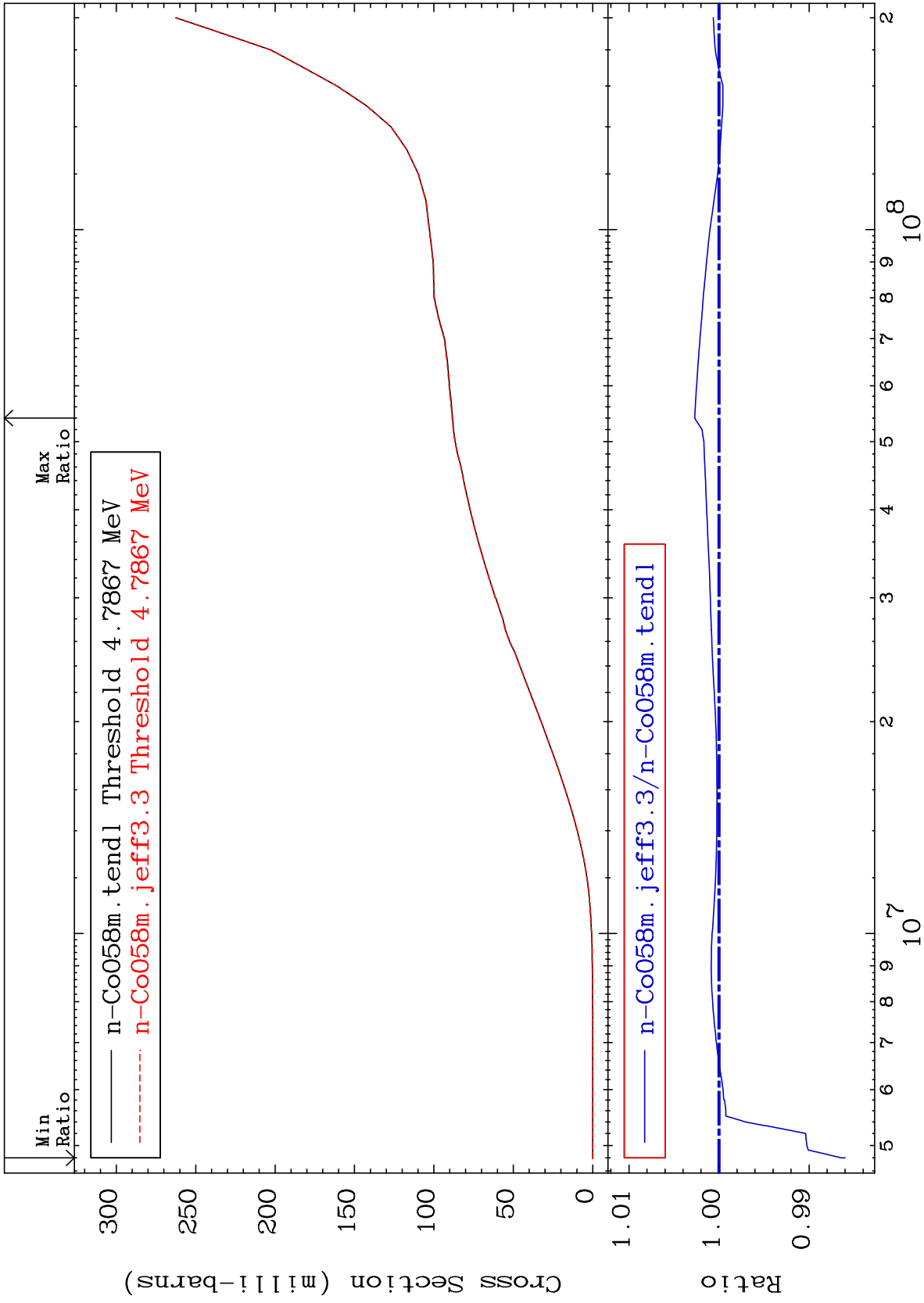


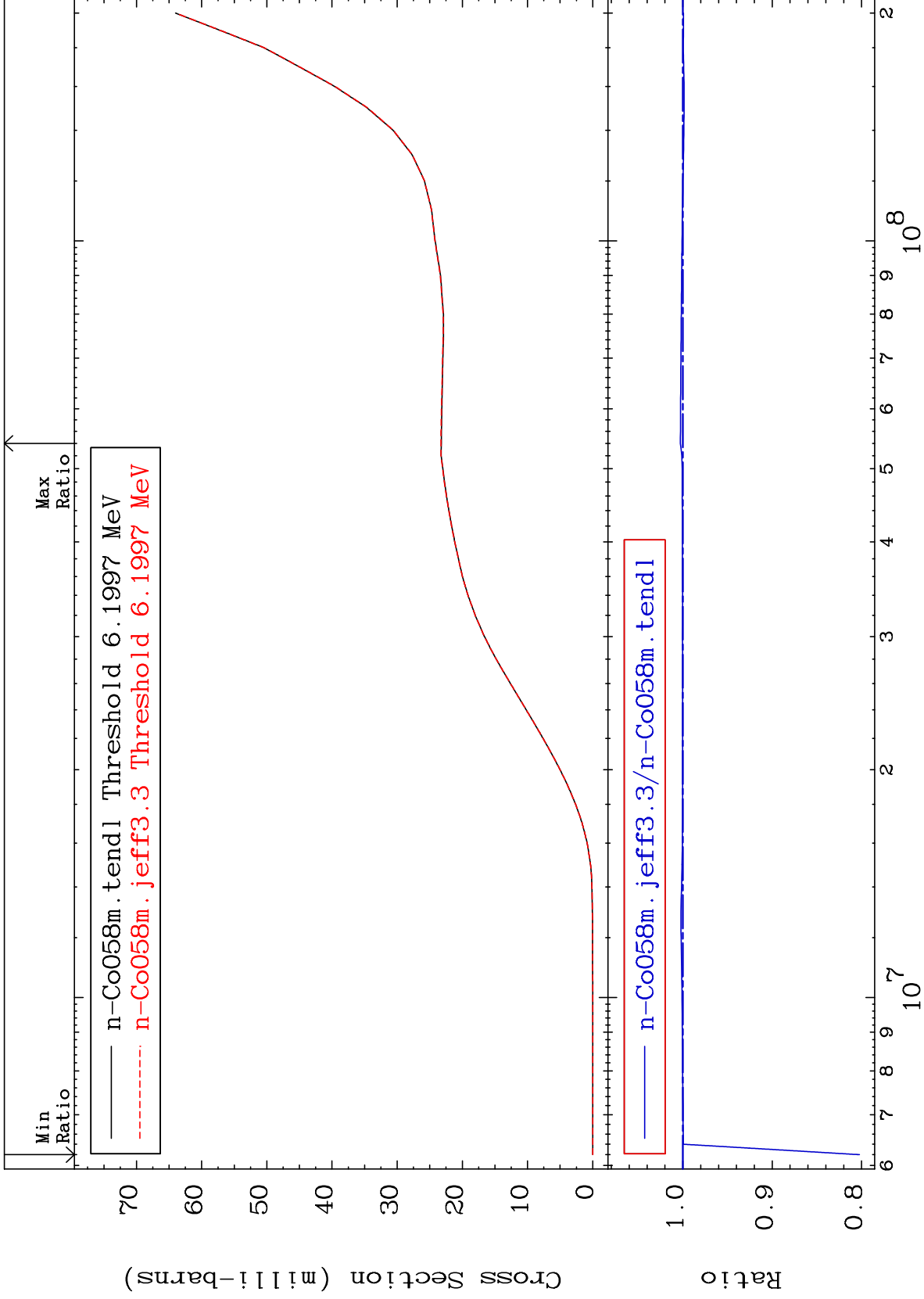


MAT 2723

Deuterium Production  
Cross Section

27-Co-58  
-1.401 To 0.271 %

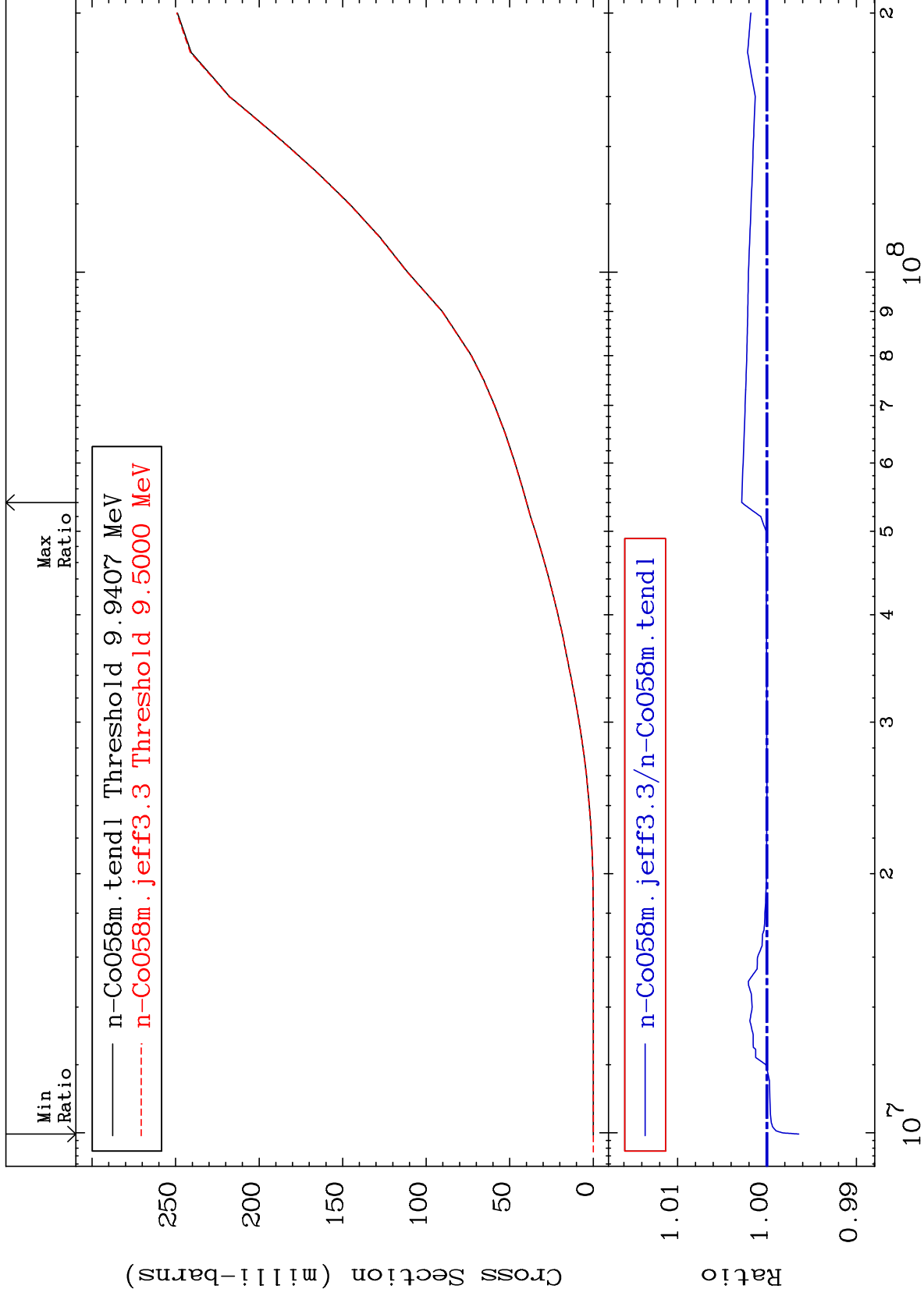




MAT 2723

He-3 Production  
Cross Section

27-Co-58  
-0.355 To 0.283 %



63

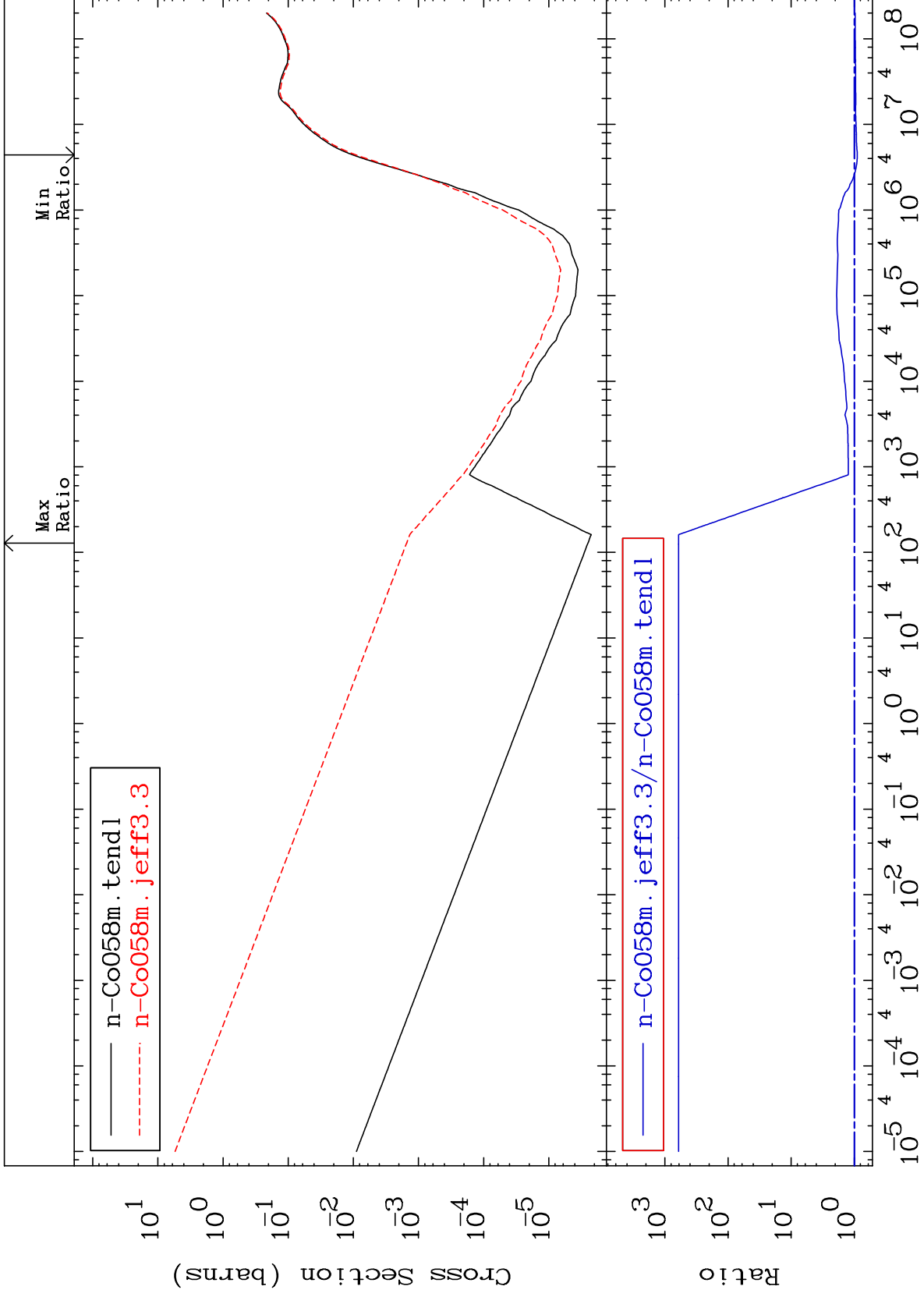
Incident Energy (eV)

27-Co-58

MAT 2723

He-4 Production  
Cross Section

27-Co-58  
-10.34 To 9999. %

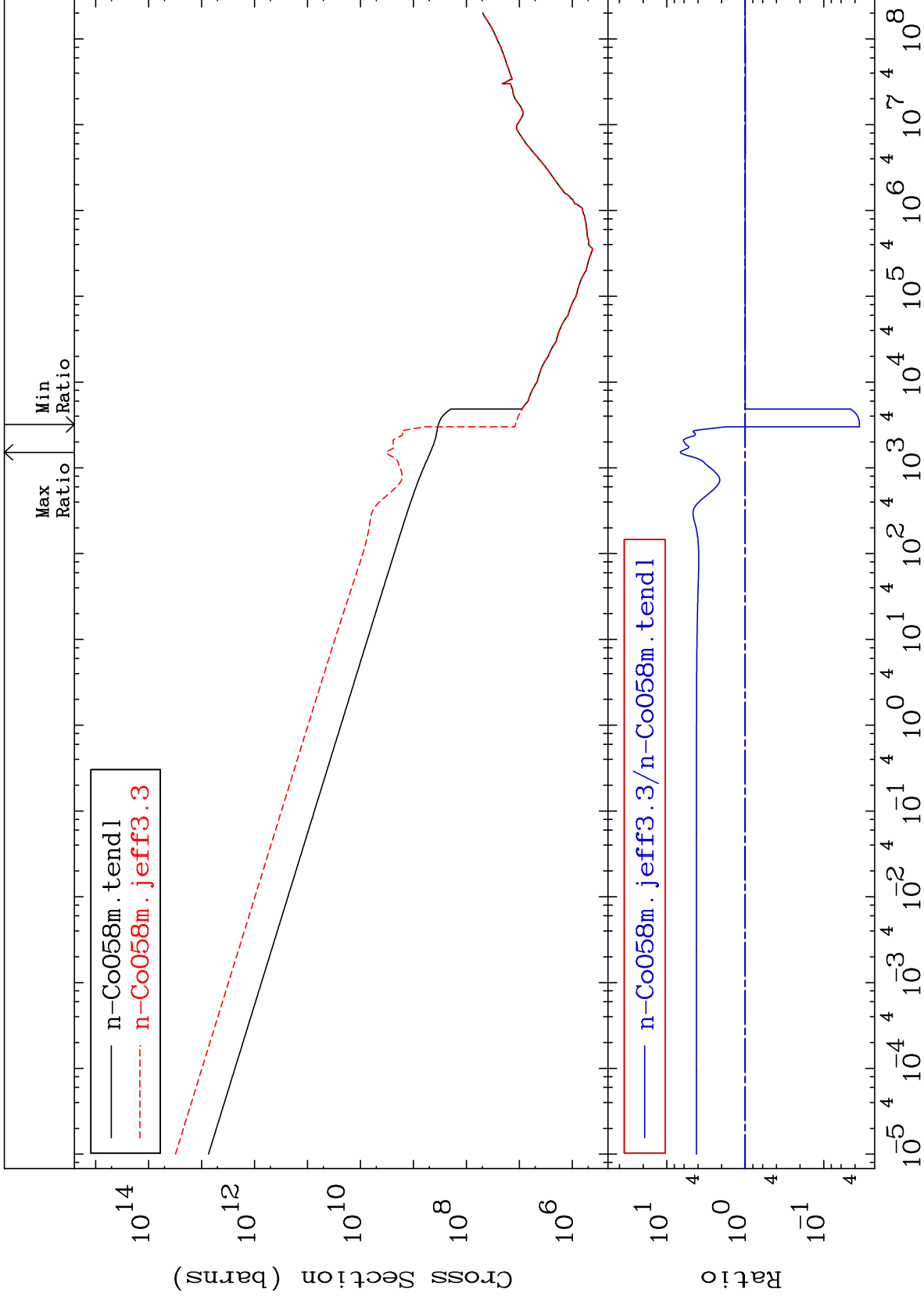


64

Incident Energy (eV)

27-Co-58

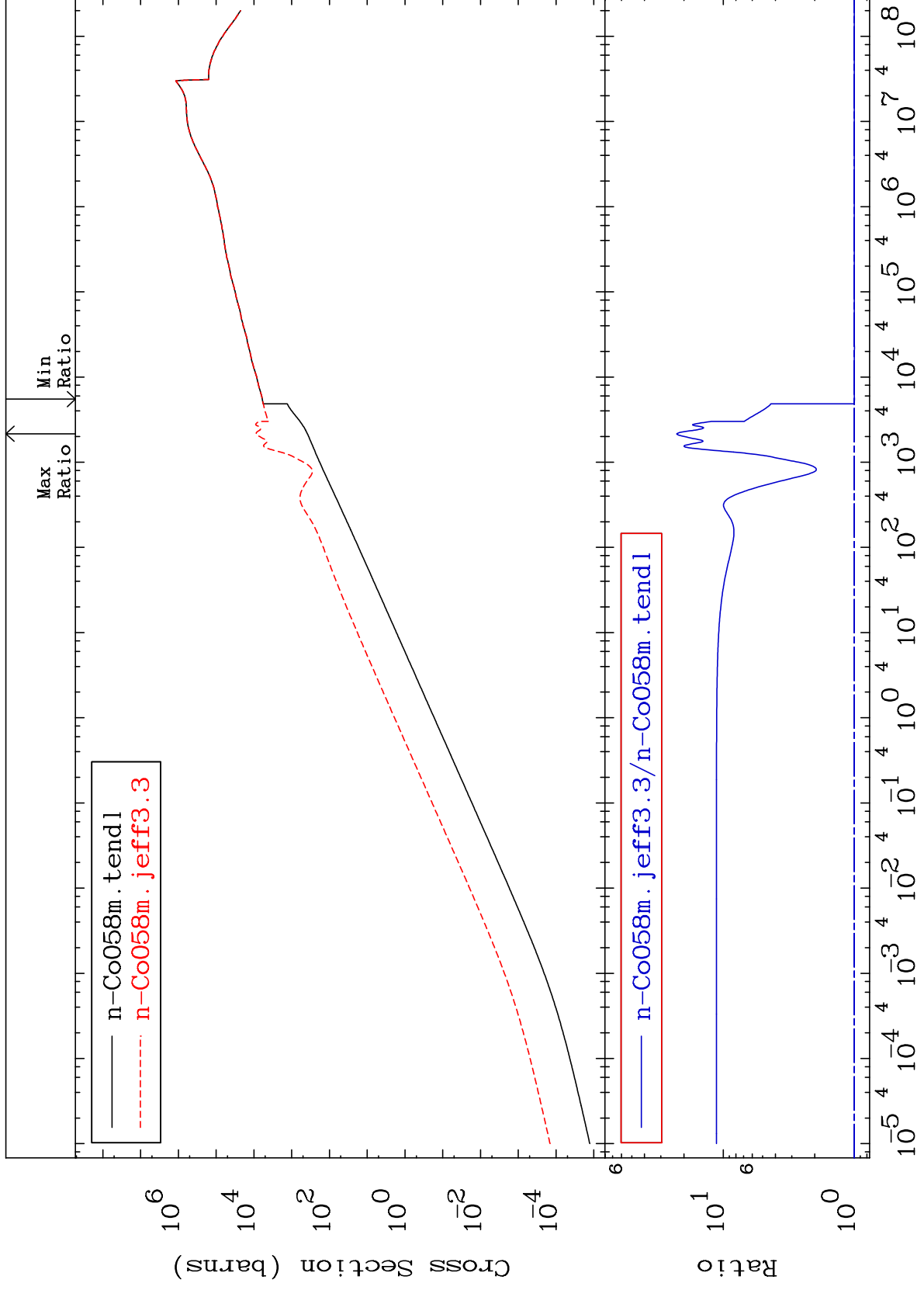




MAT 2723

Kerma elastic  
Cross Section

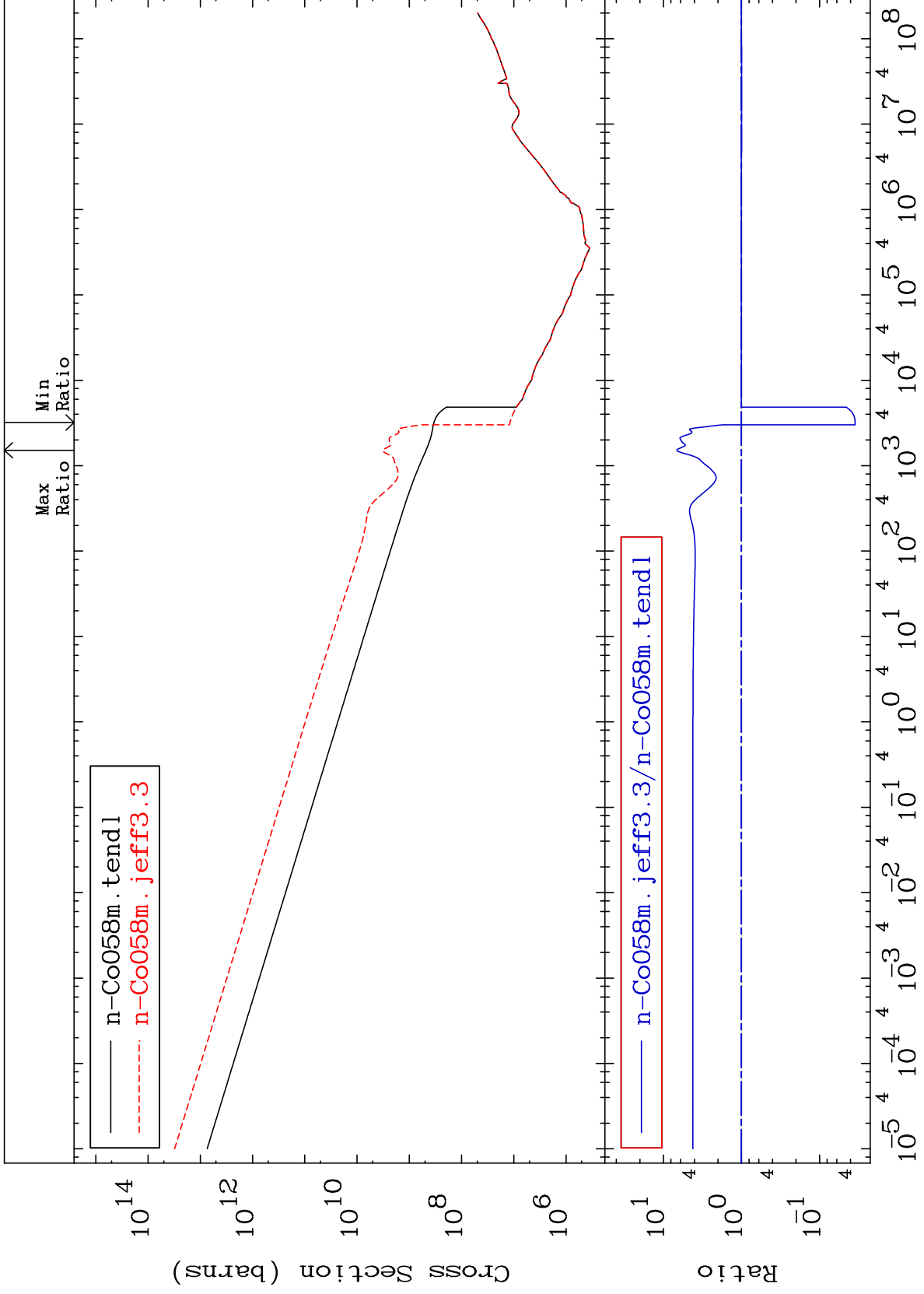
27-Co-58  
-0.480 To 2167. %

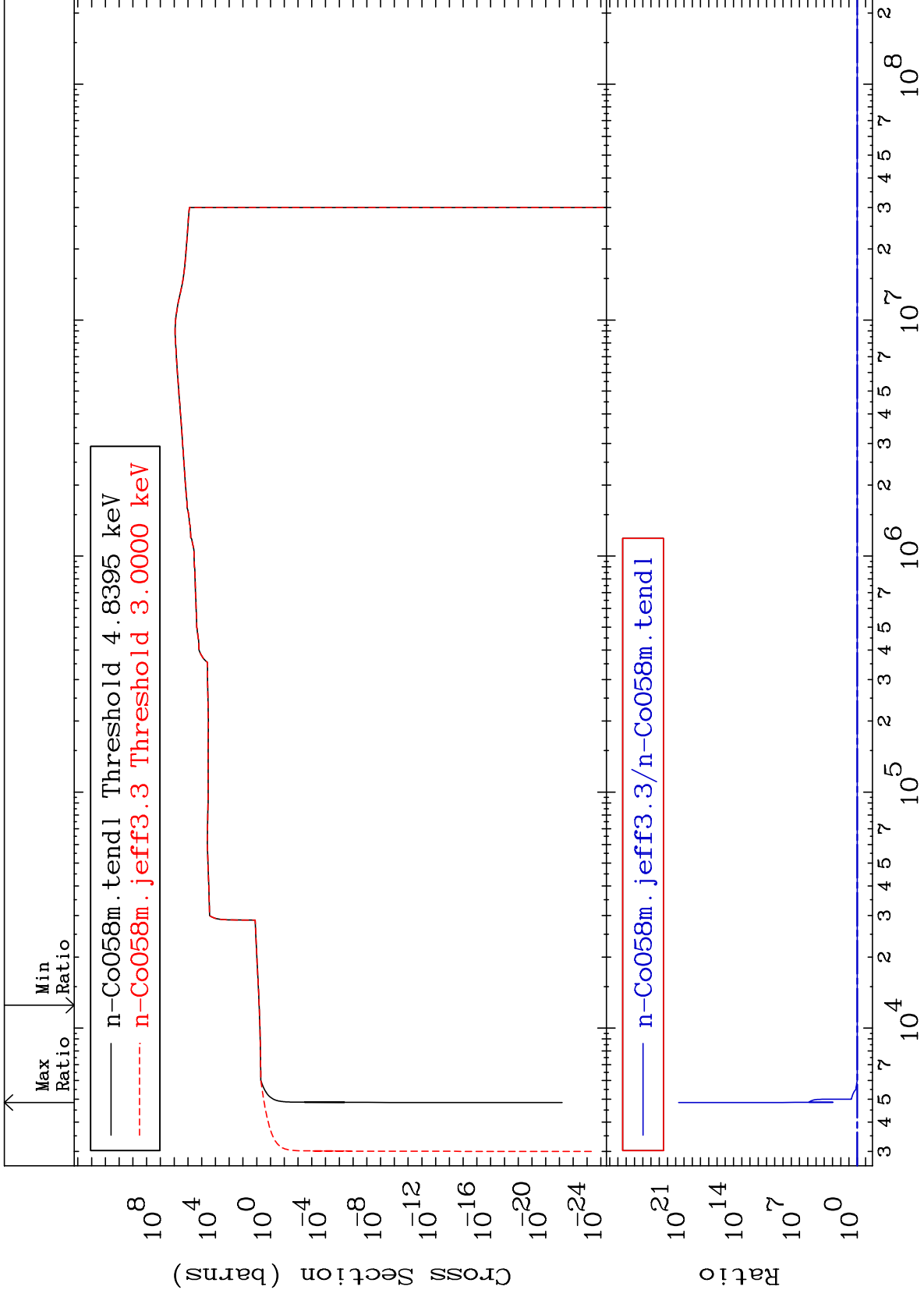


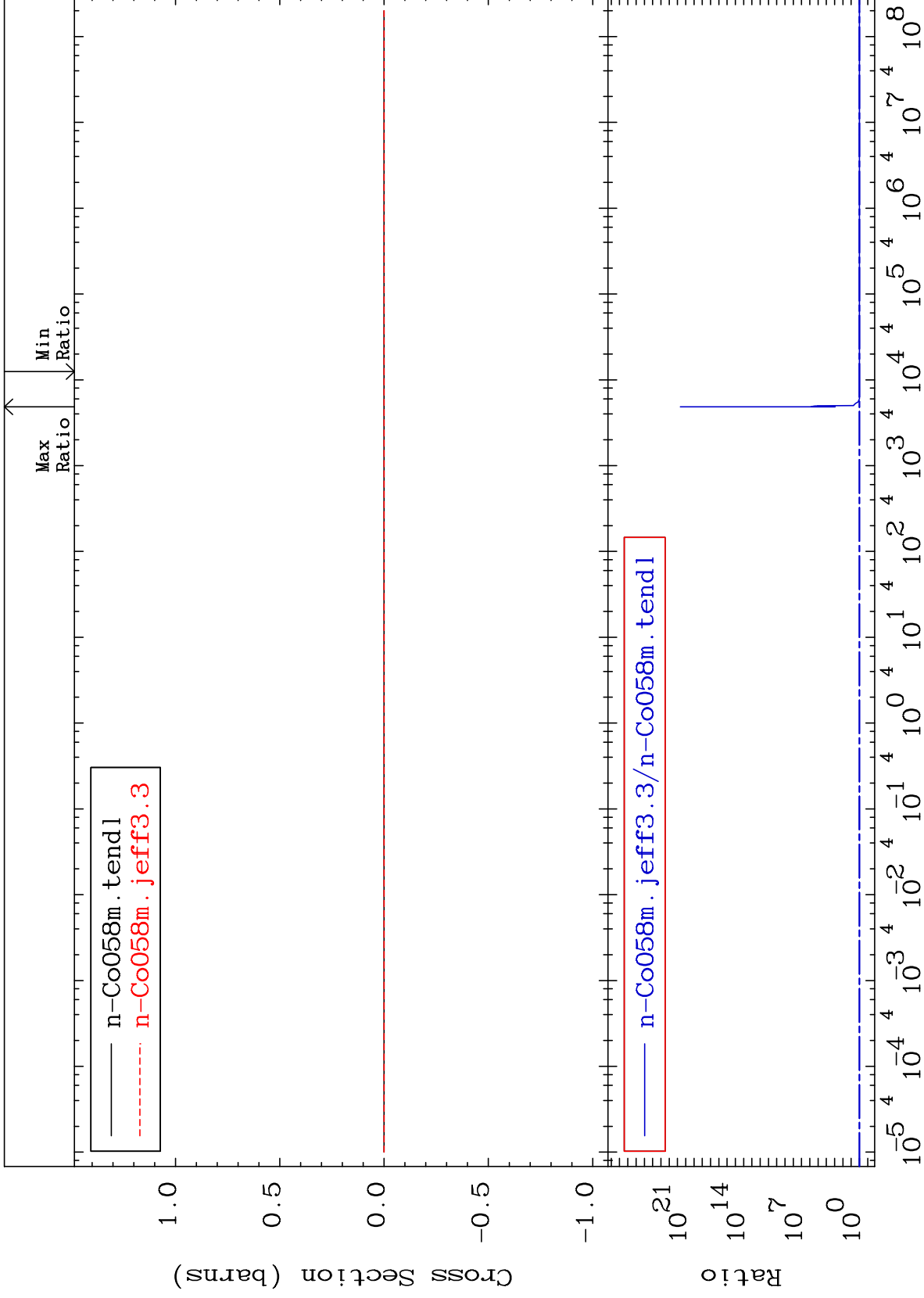
66

Incident Energy (eV)

27-Co-58



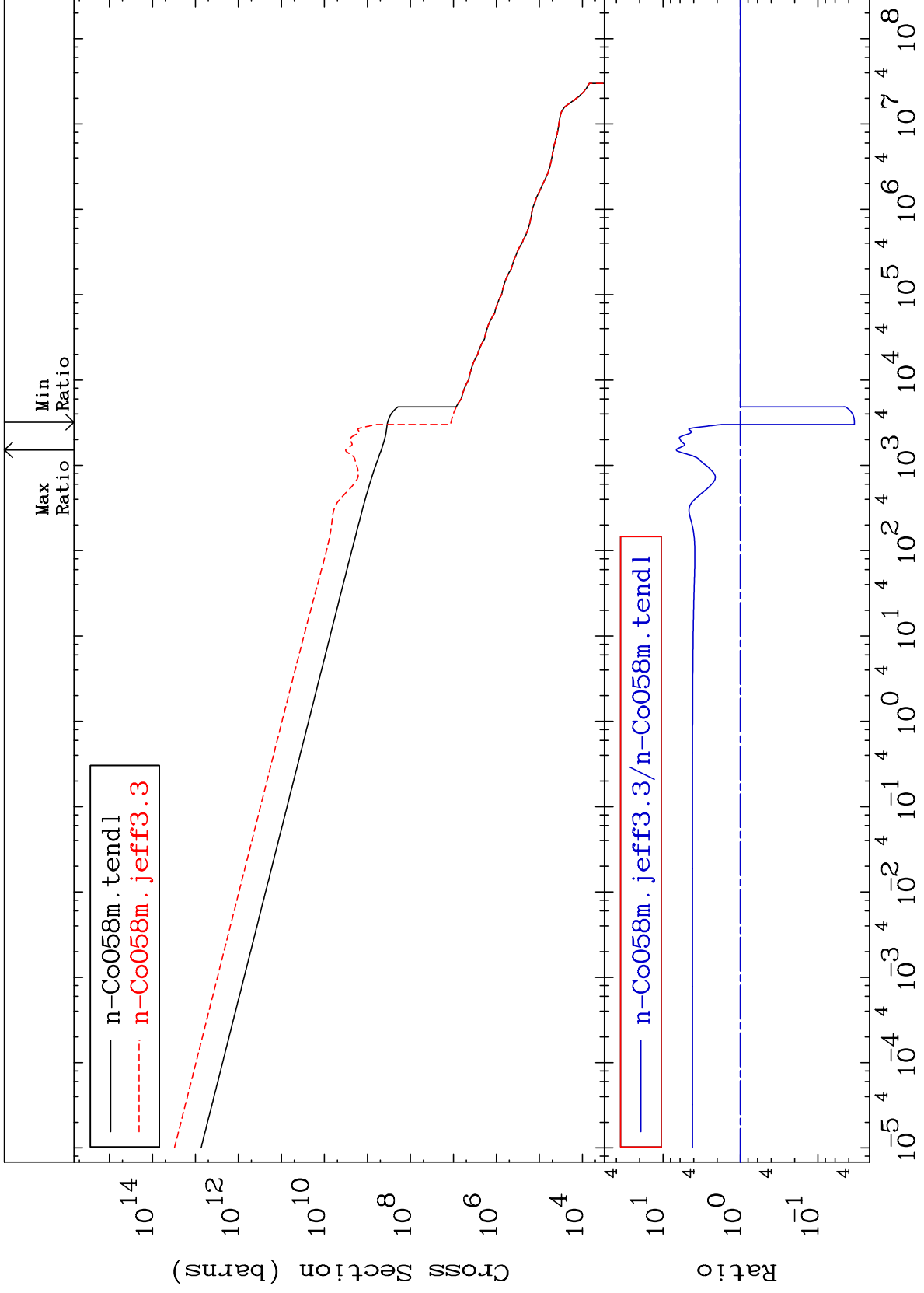




MAT 2723

Kerma capture (mt102)  
Cross Section

27-Co-58  
-96.62 To 571.5 %



70

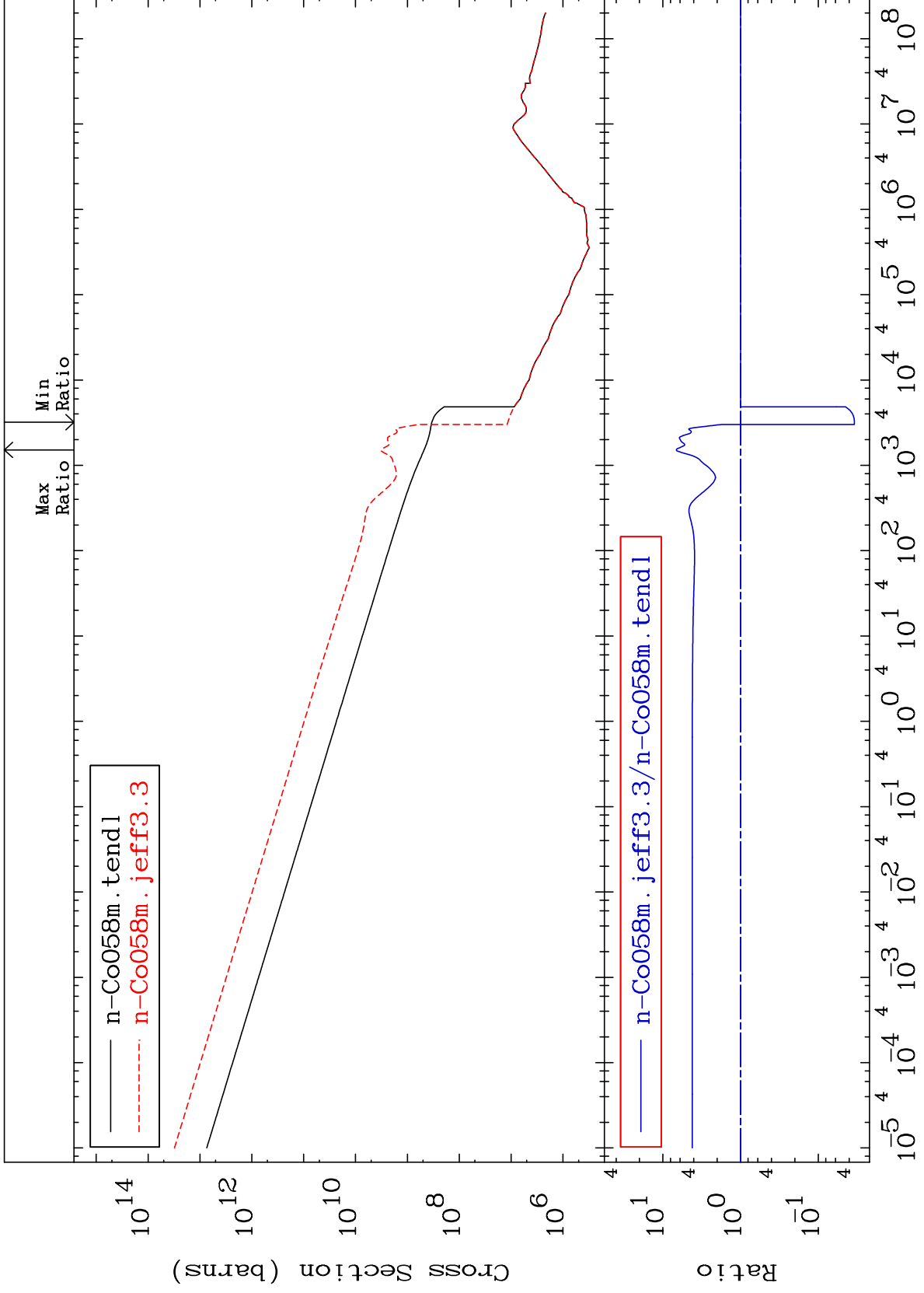
Incident Energy (eV)

27-Co-58

MAT 2723

Total photon (eV-barns)  
Cross Section

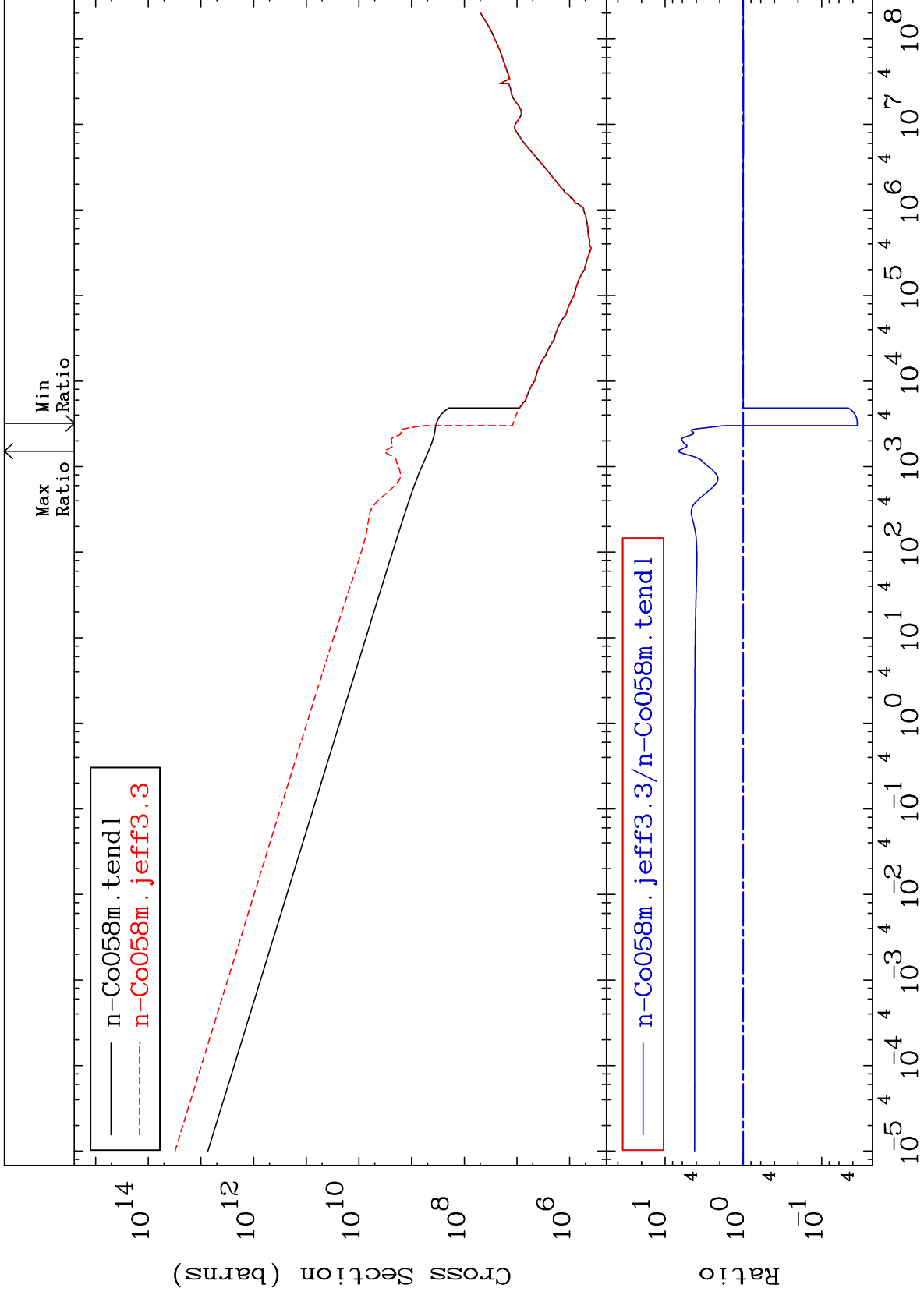
27-Co-58  
-96.57 To 571.1 %



71

Incident Energy (eV)

27-Co-58

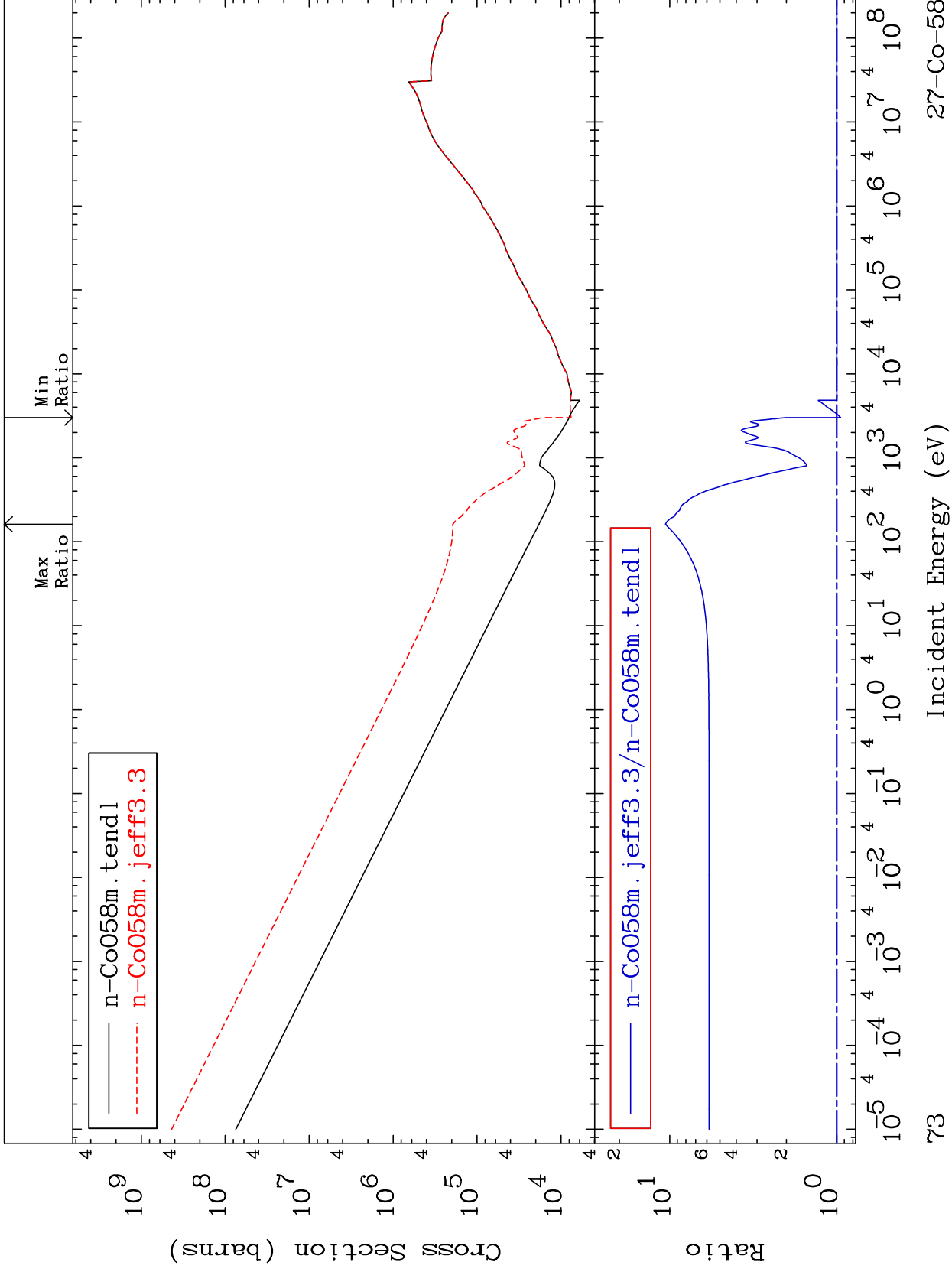




MAT 2723

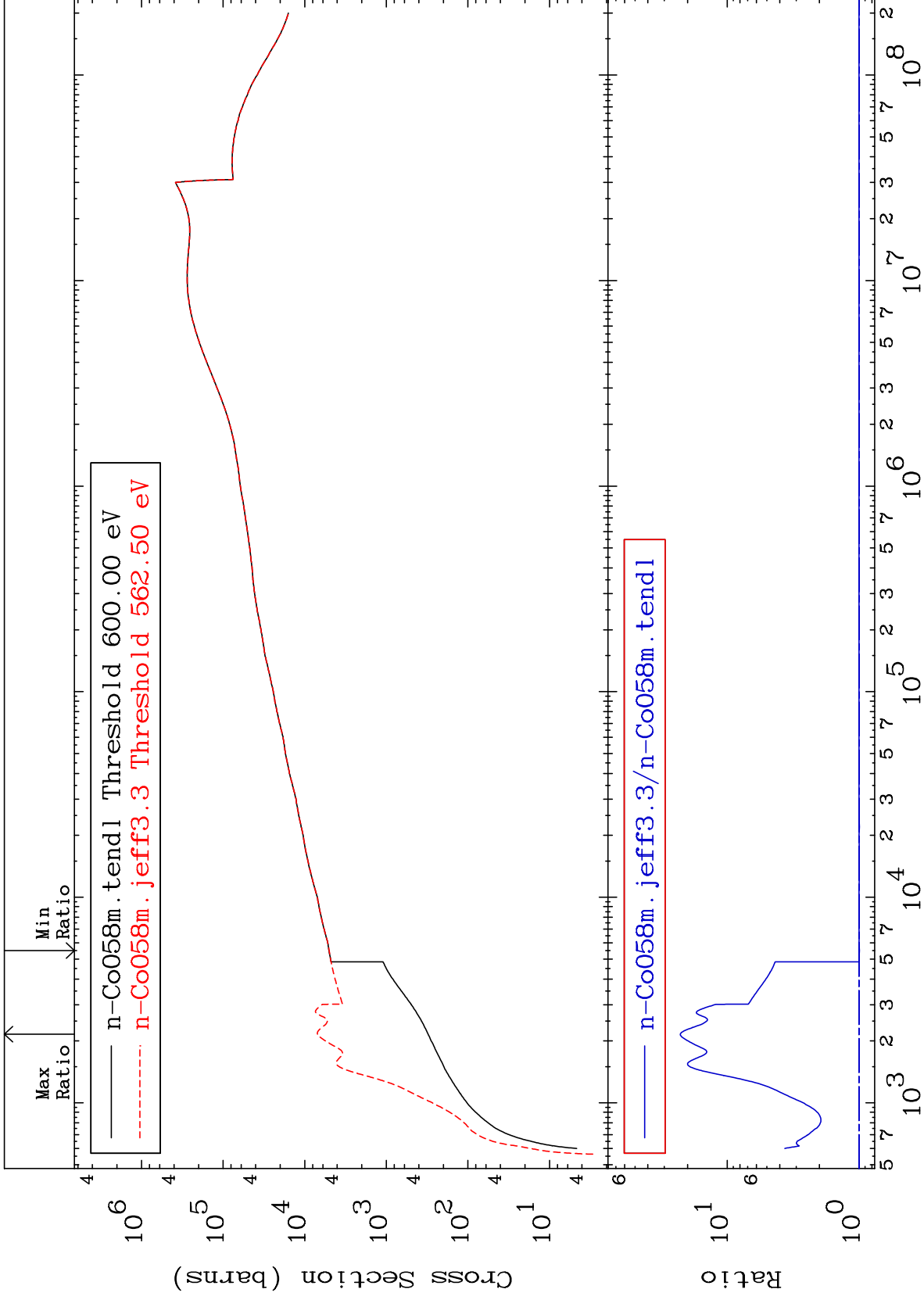
Dpa total (eV-barns)  
Cross Section

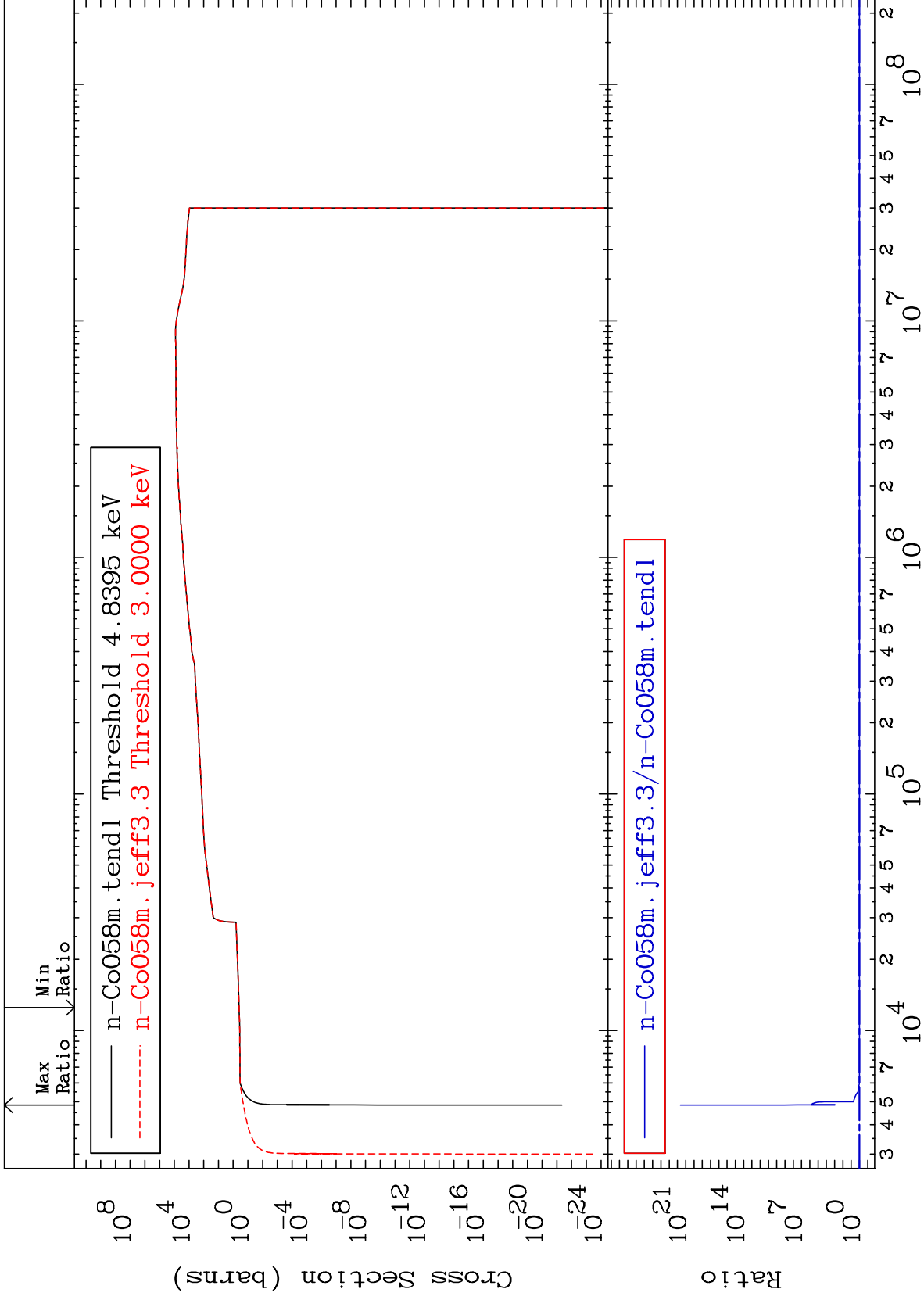
27-Co-58  
-5.259 To 960.1 %



73

27-Co-58

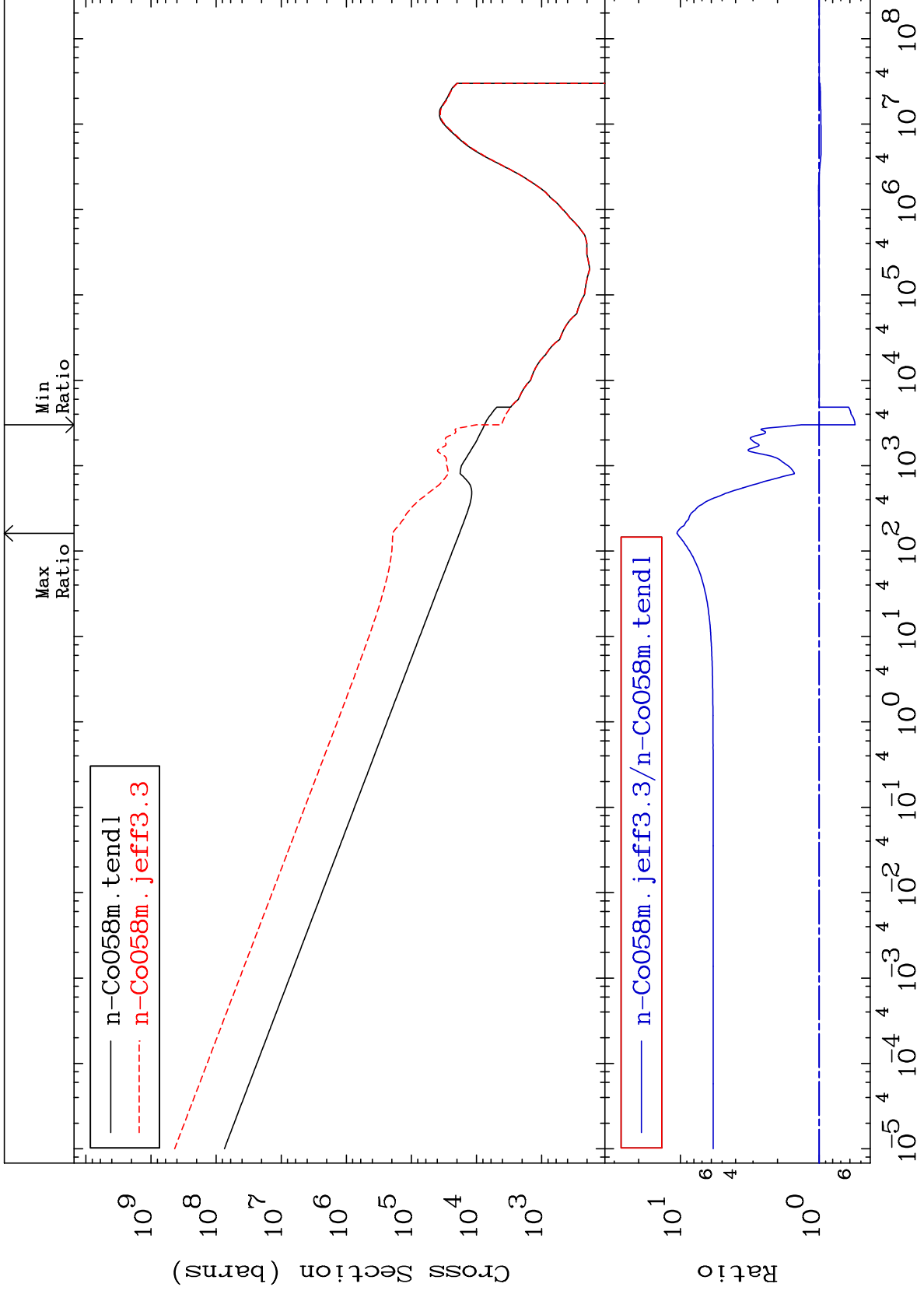




MAT 2723

Dpa disappearance (mt102 -120)  
Cross Section

27-Co-58  
-44.90 To 960.1 %



76

Incident Energy (eV)

27-Co-58