

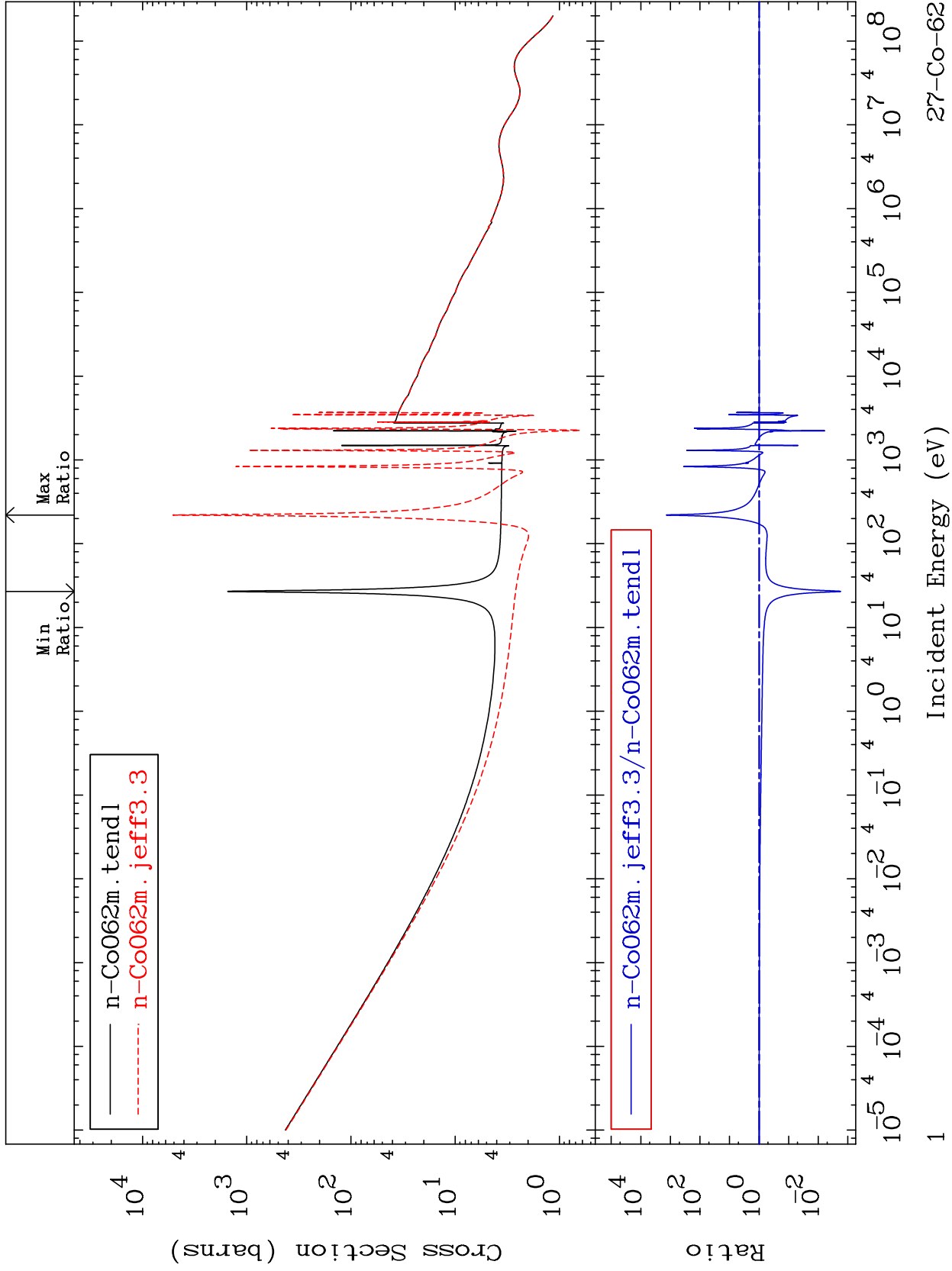
MAT 2735

Total

27-Co-62

Cross Section

-99.83 To 9999. %

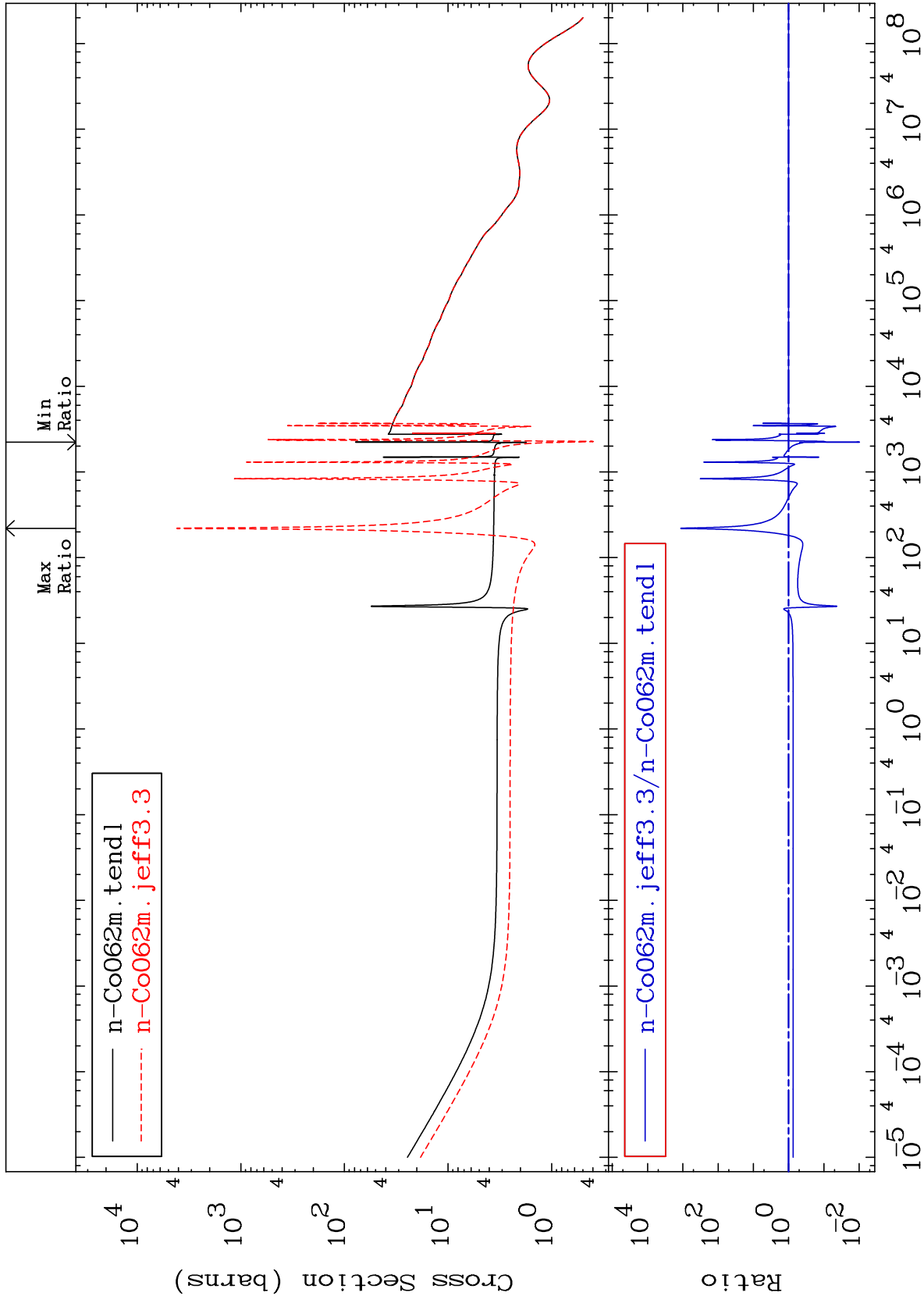


27-Co-62

MAT 2735

Elastic  
Cross Section

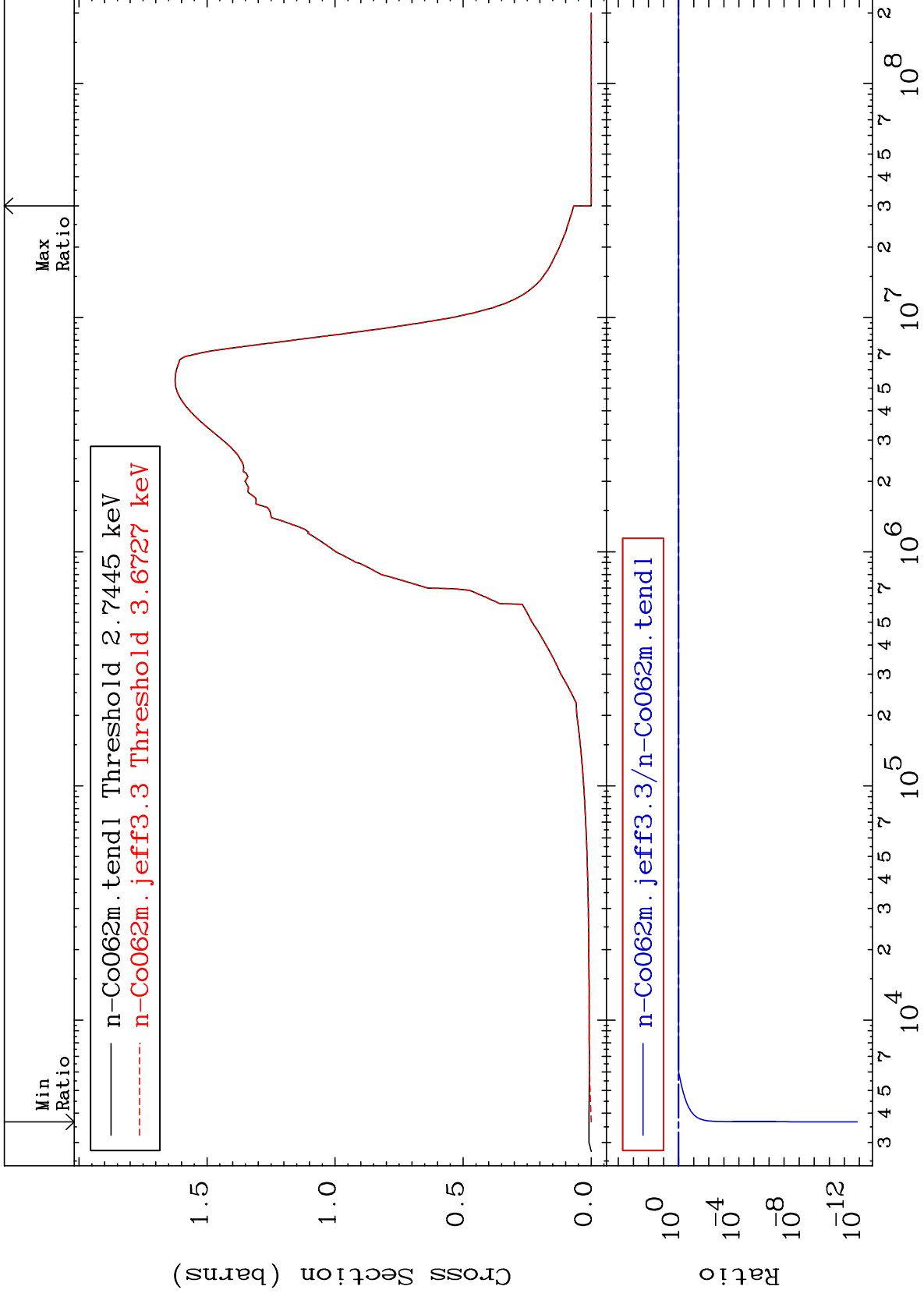
27-Co-62  
-99.03 To 9999. %



MAT 2735

Inelastic  
Cross Section

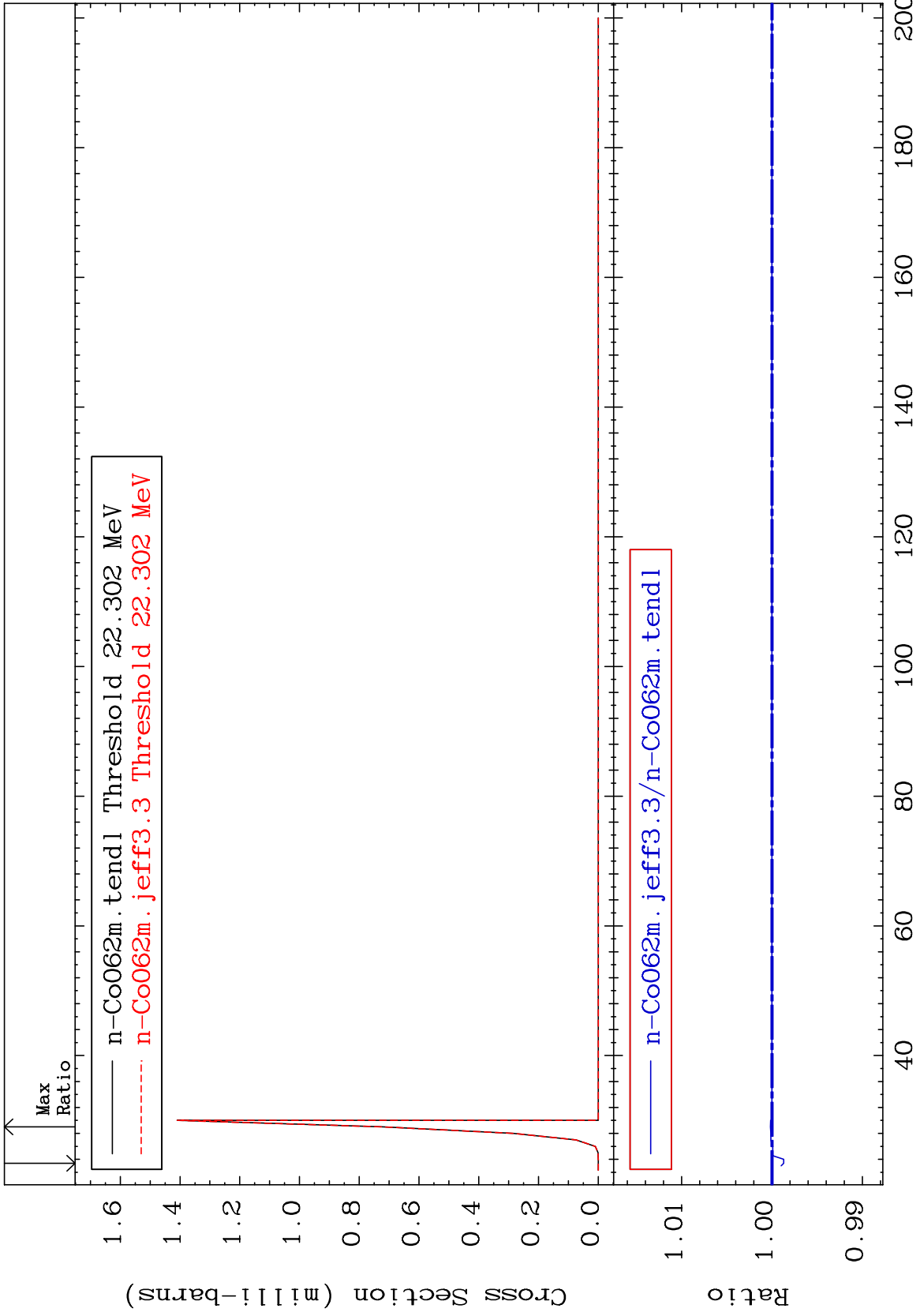
27-Co-62  
-100.0 To 0.007 %



MAT 2735

(n,2n) d  
Cross Section

27-Co-62  
-0.129 To 0.016 %



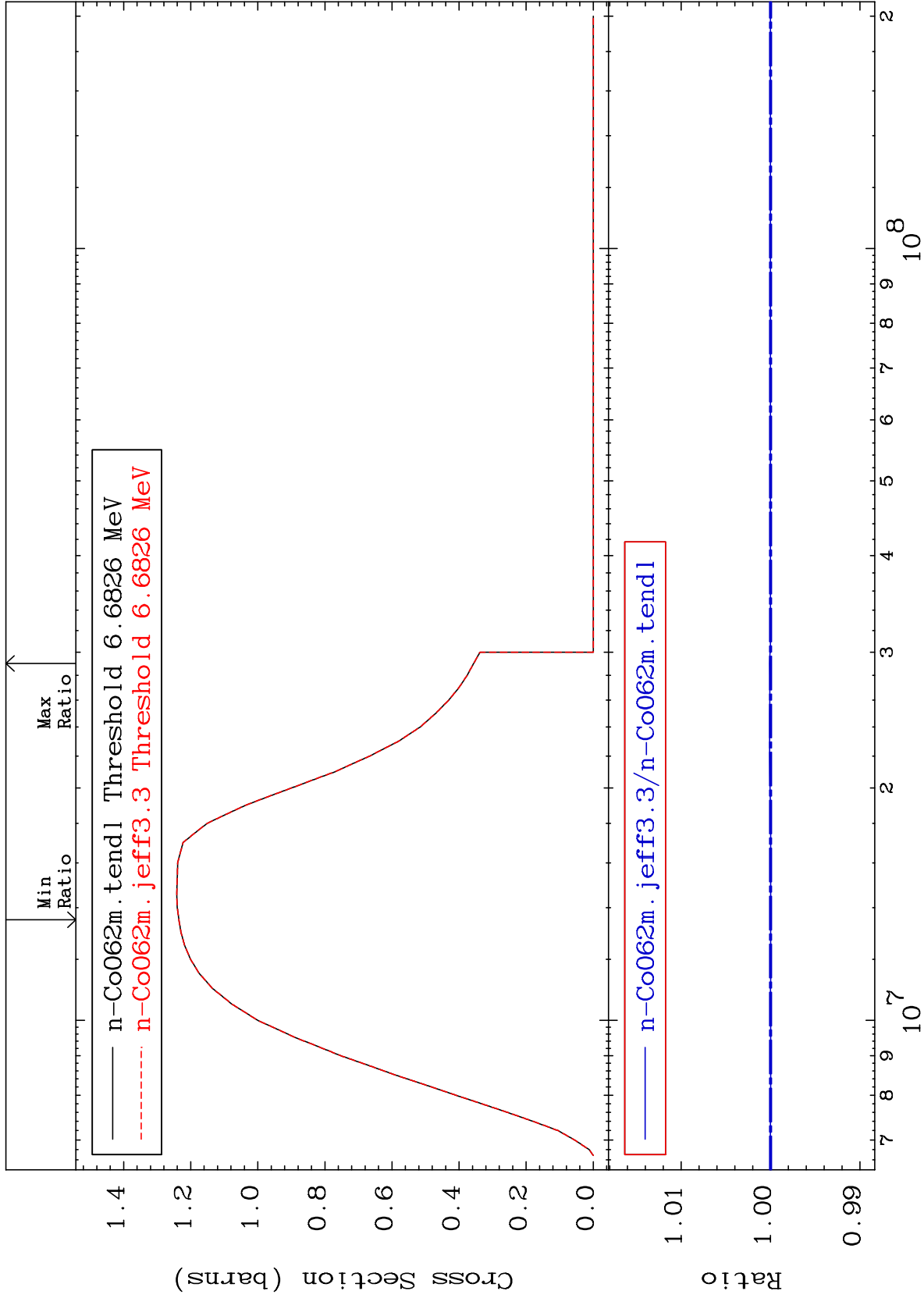
MAT 2735

(n,2n)

27-Co-62

Cross Section

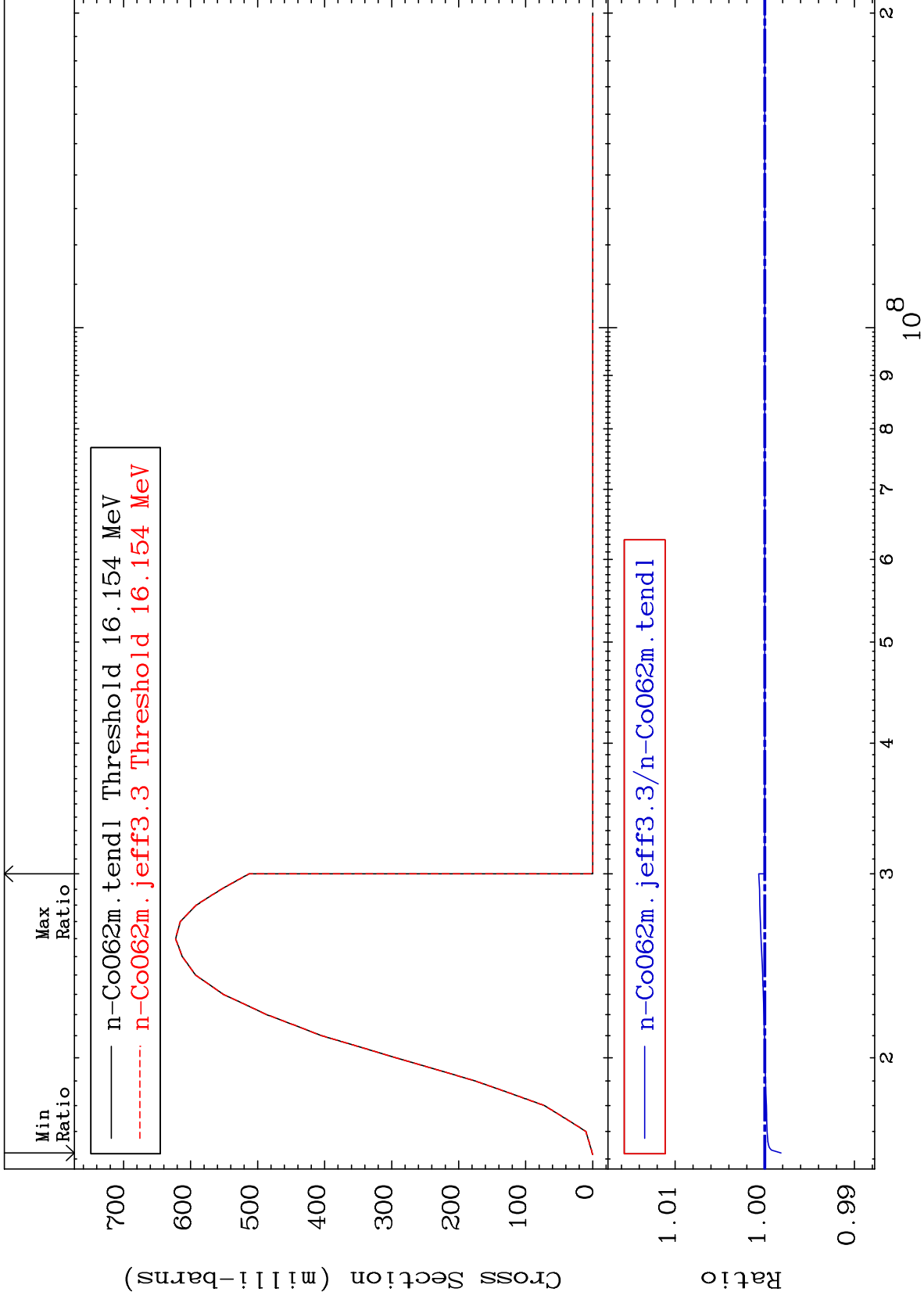
-0.002 To 0.011 %



MAT 2735

(n,3n)  
Cross Section

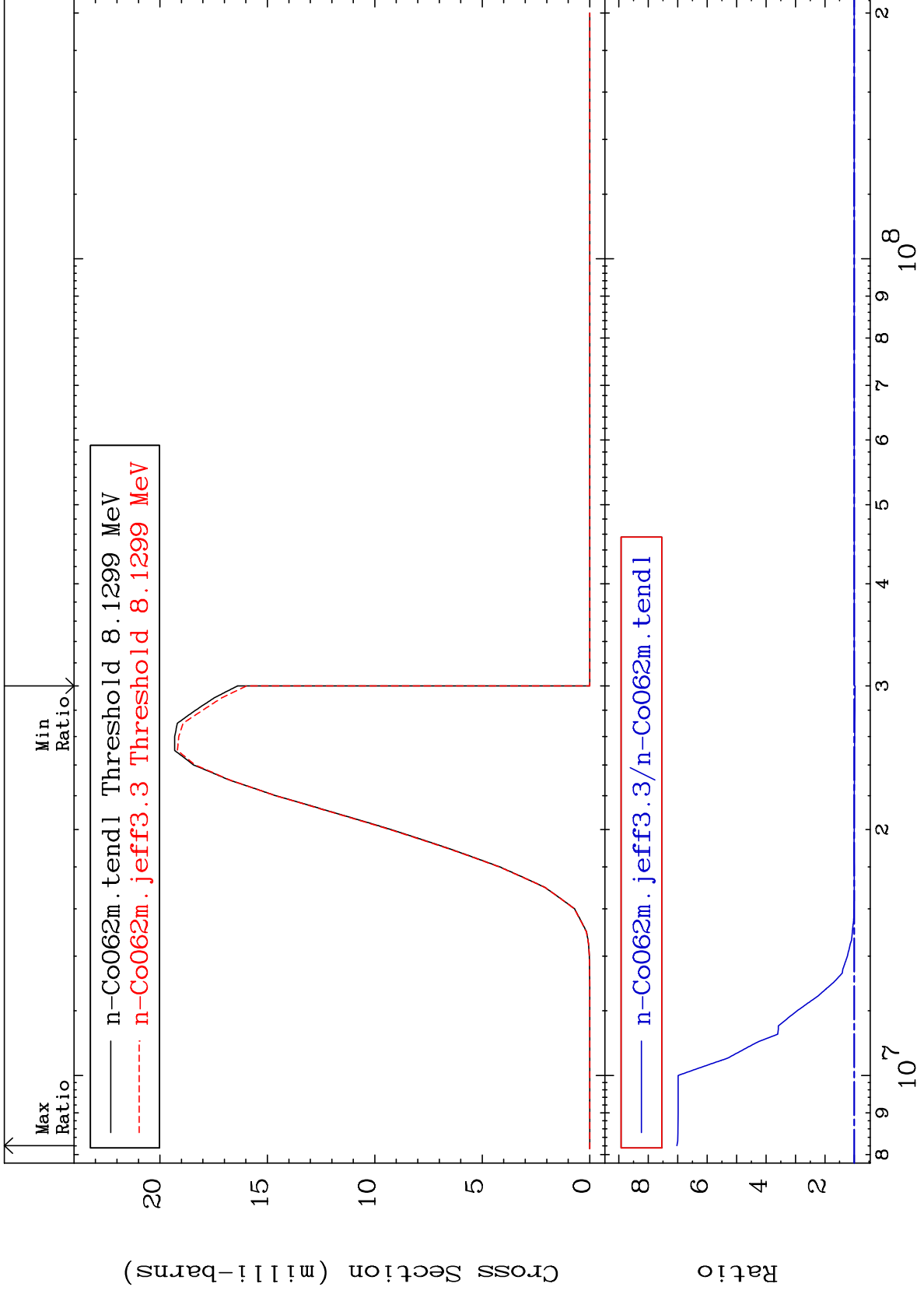
27-Co-62  
-0.181 To 0.067 %



MAT 2735

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

27-Co-62  
-2.538 To 602.8 %



7

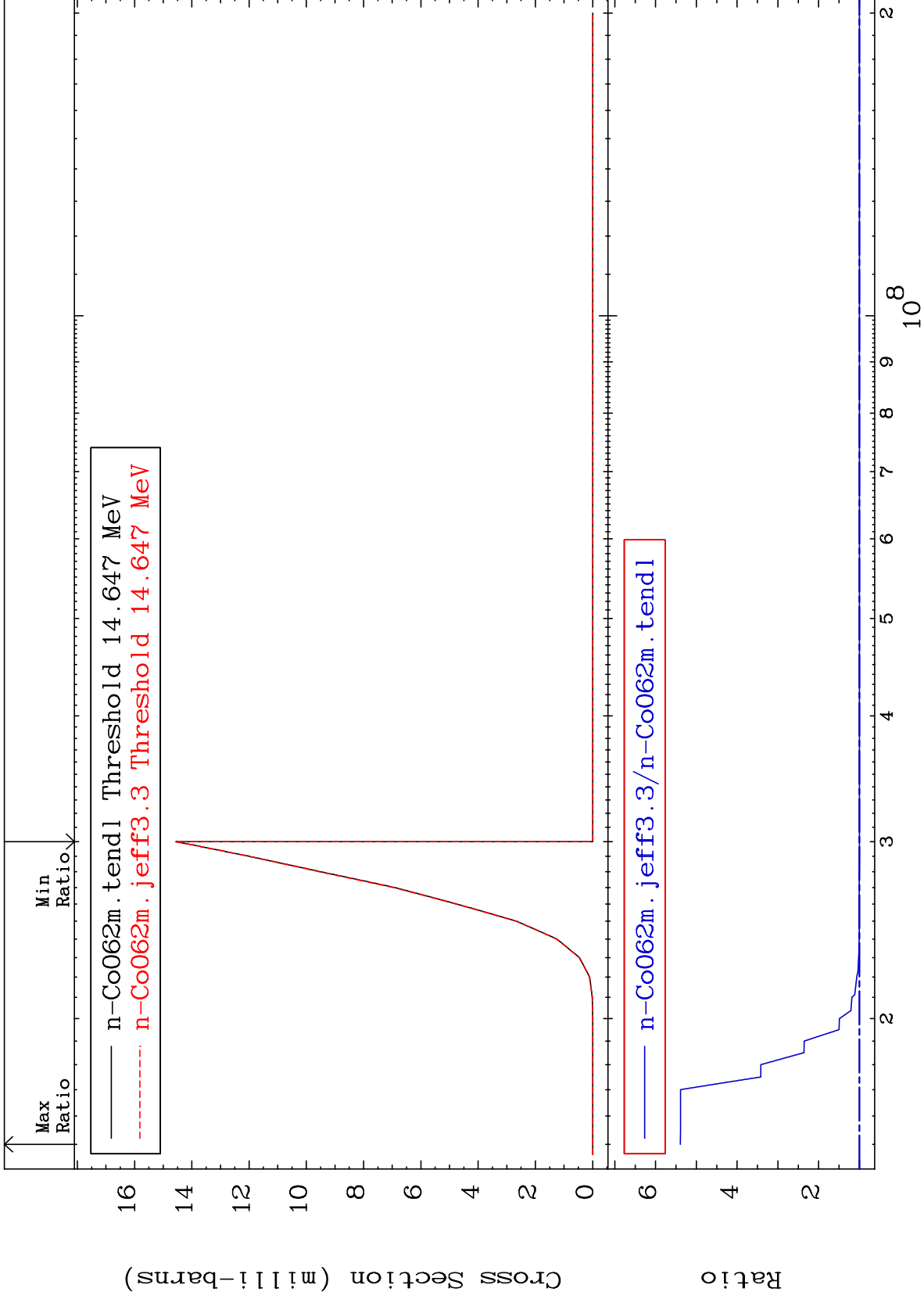
Incident Energy (eV)

27-Co-62

MAT 2735

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

27-Co-62  
0.000 To 439.2 %

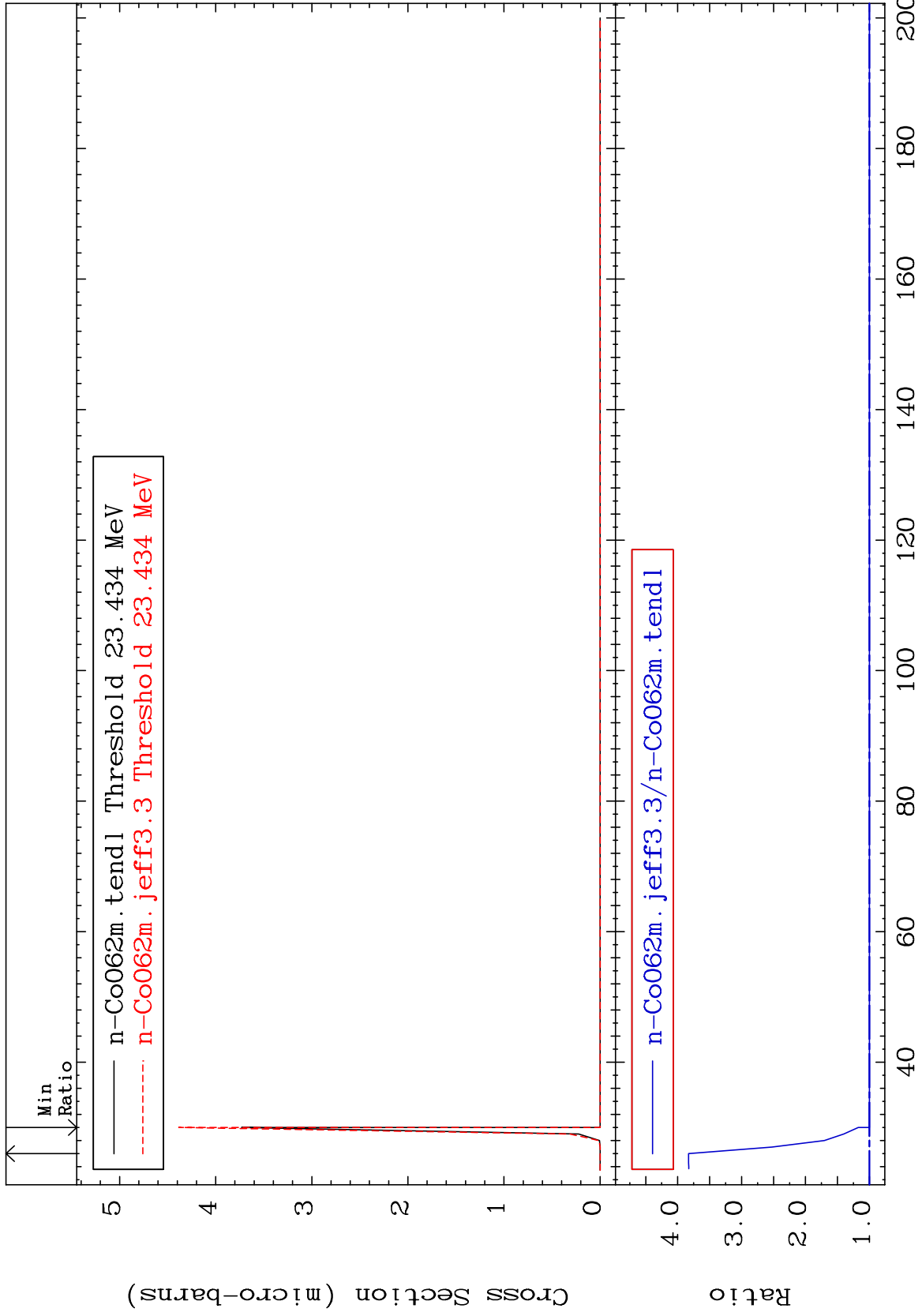




MAT 2735

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

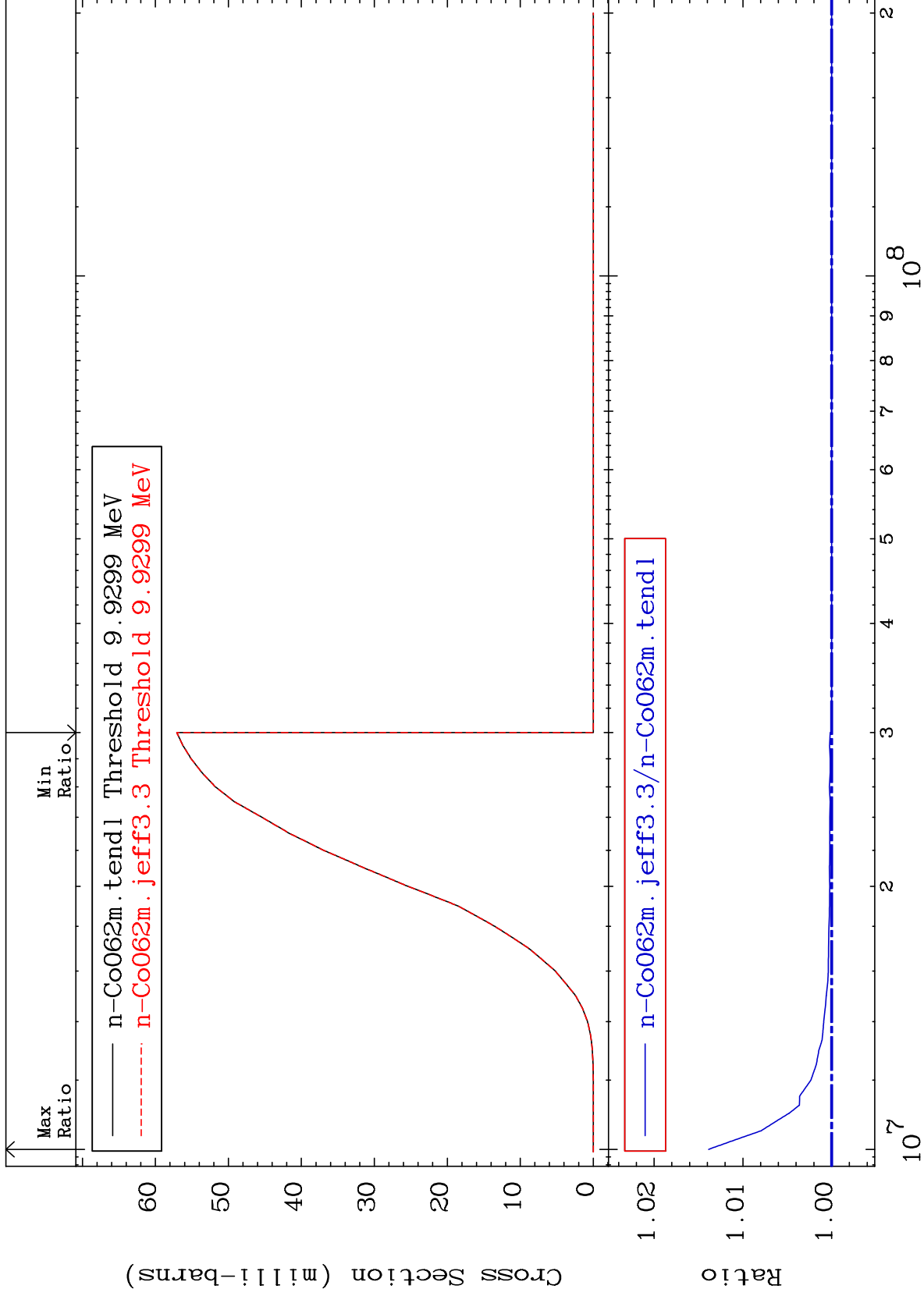
27-Co-62  
0.000 To 282.9 %



MAT 2735

(n,n') p  
Cross Section

27-Co-62  
0.000 To 1.385 %



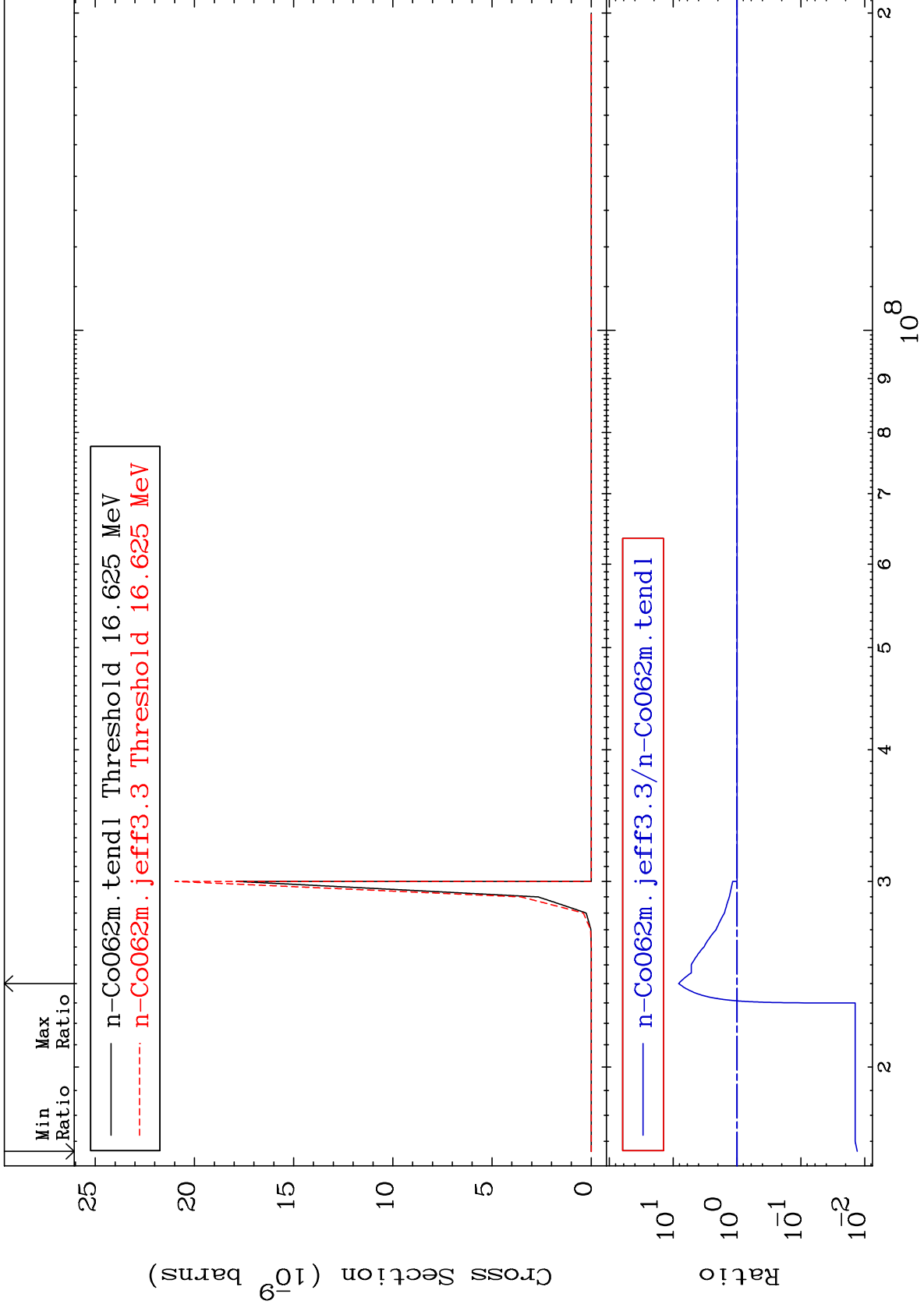
27-Co-62

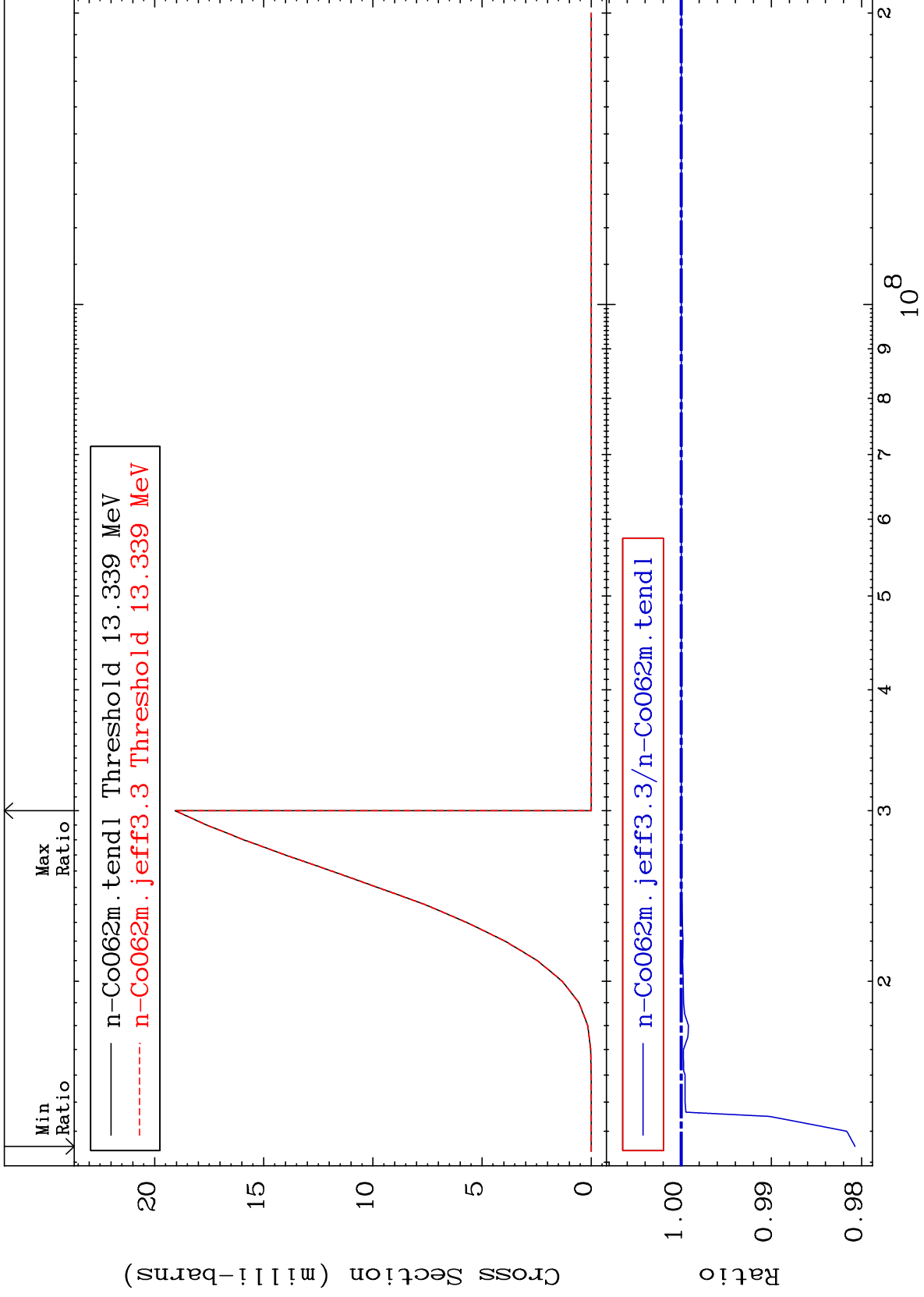
Incident Energy (eV)

MAT 2735

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

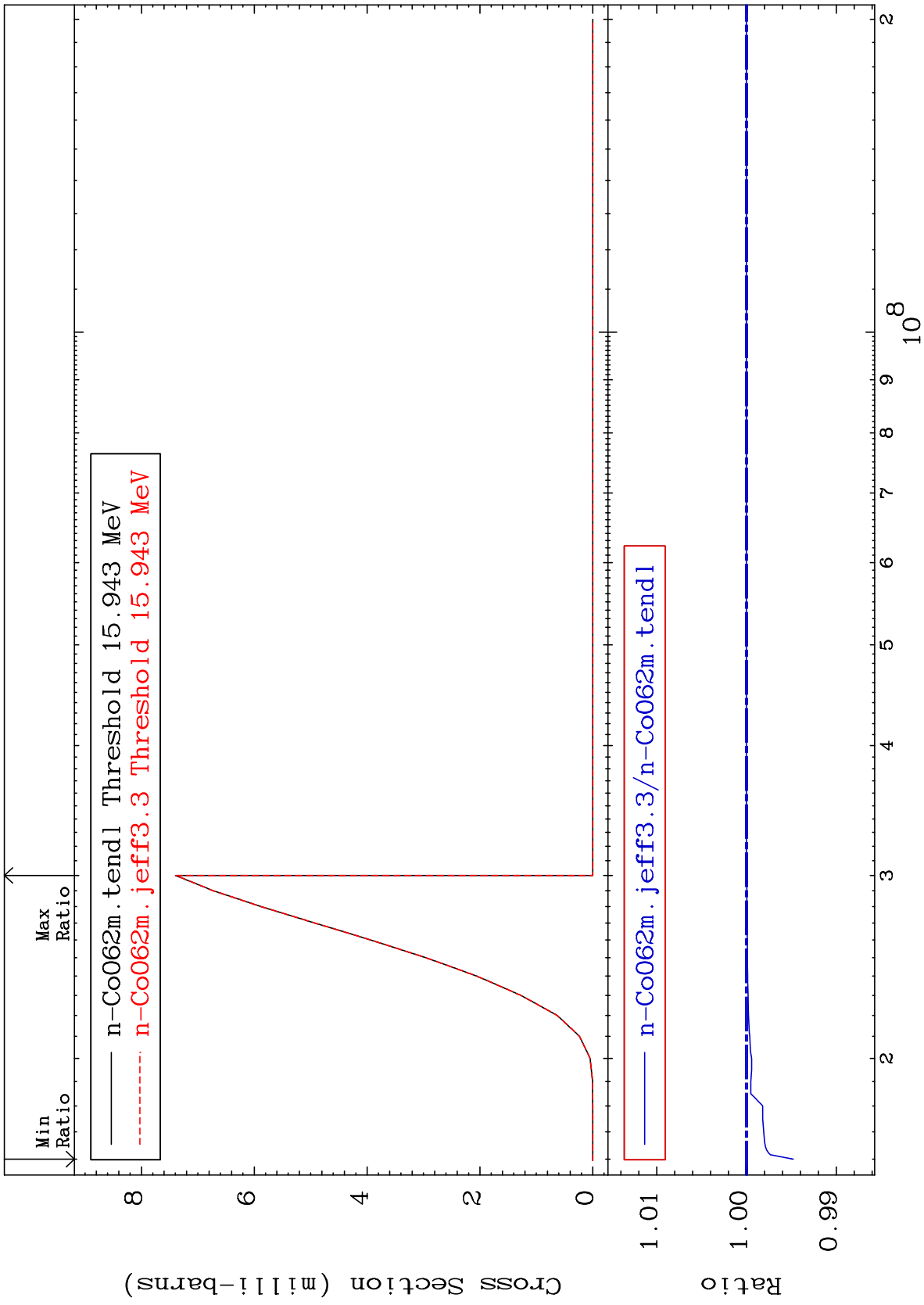
27-Co-62  
-98.69 To 723.6 %





Cross Section

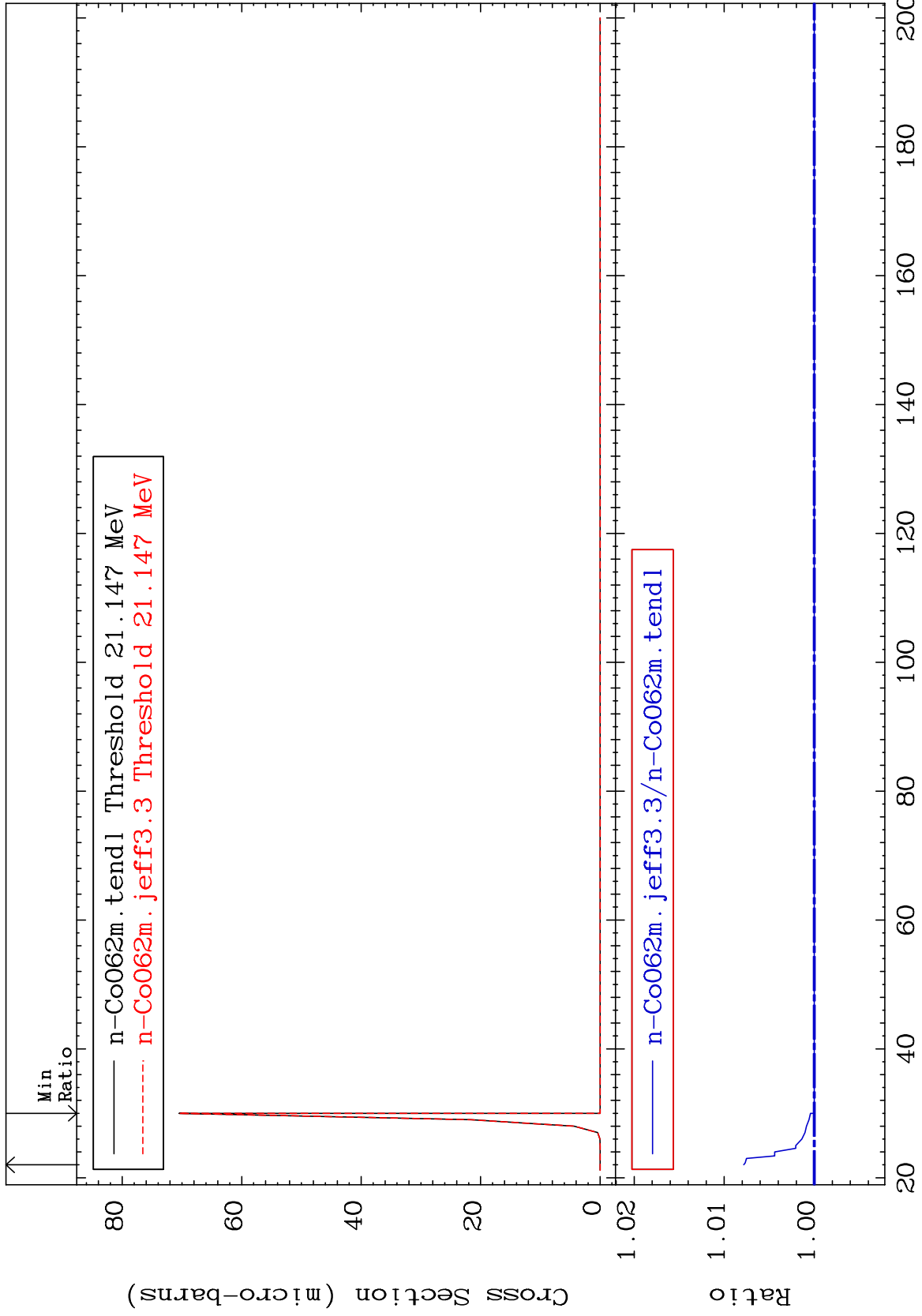
-0.521 To 0.000 %



MAT 2735

(n, n') He-3  
Cross Section

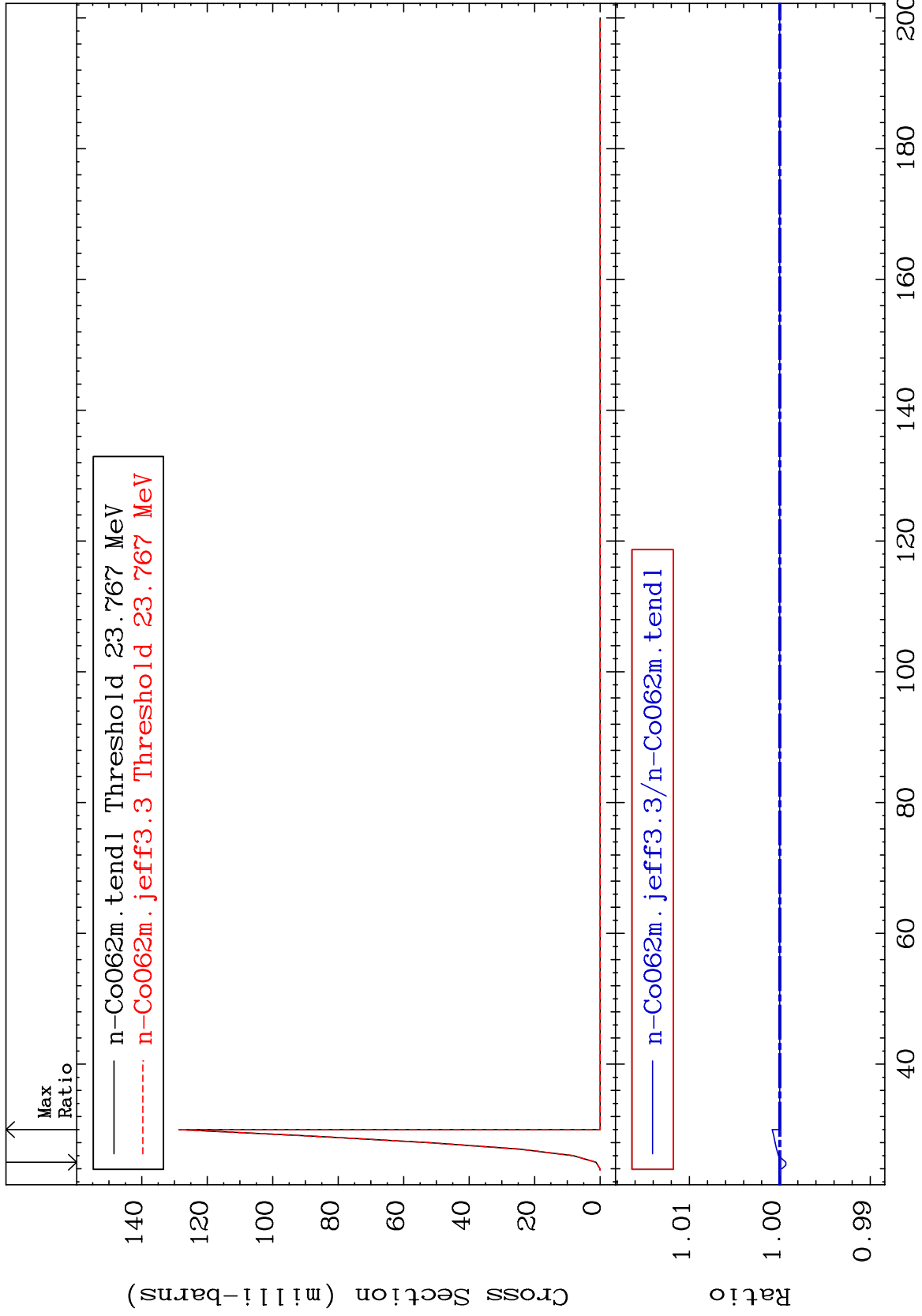
27-Co-62  
0.000 To 0.783 %



MAT 2735

(n,4n)  
Cross Section

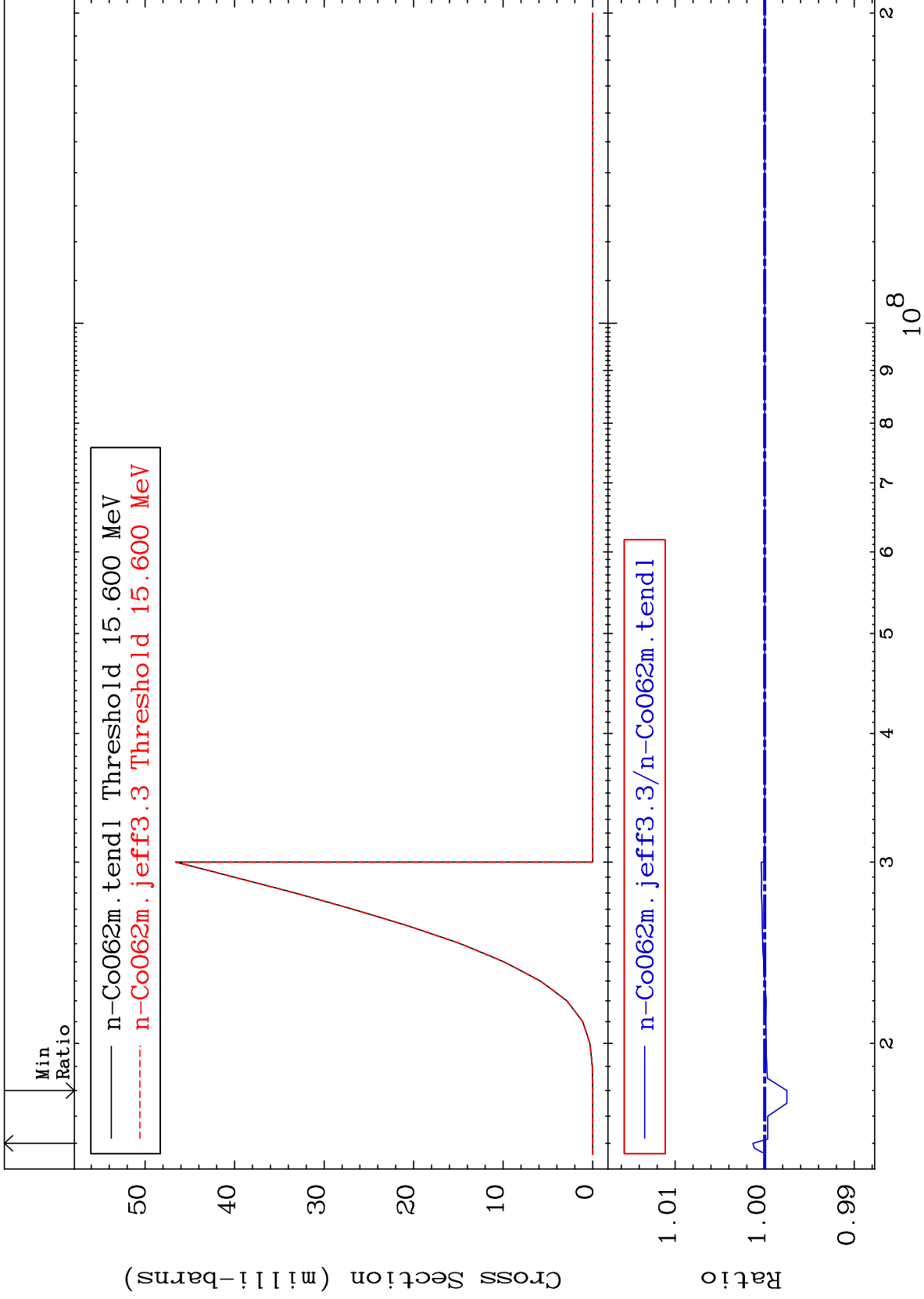
<sup>27</sup>Co-62  
-0.067 To 0.084 %



MAT 2735

(n,2n) p  
Cross Section

<sup>27</sup>Co-62  
-0.248 To 0.132 %



16

Incident Energy (eV)

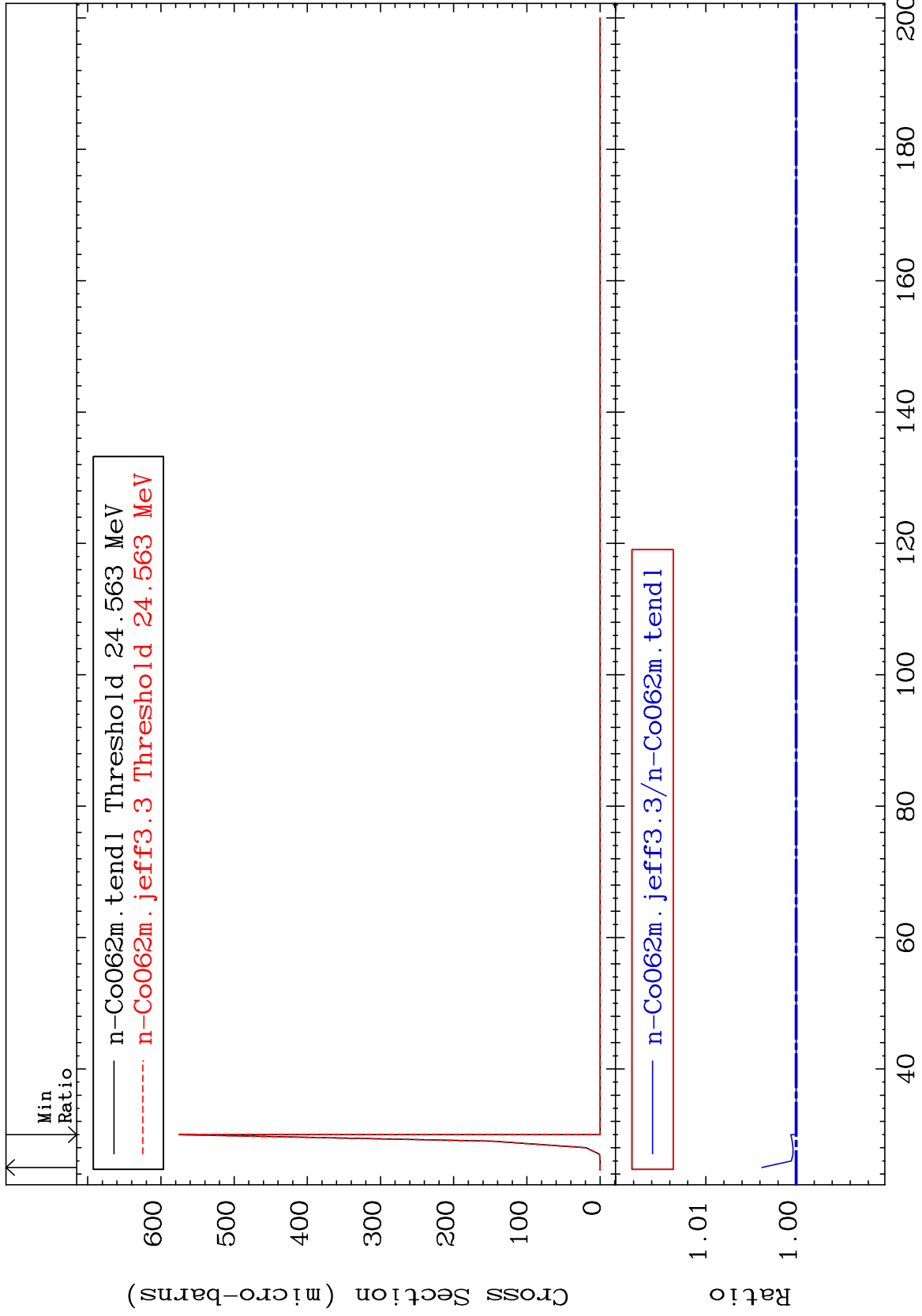
<sup>27</sup>Co-62



MAT 2735

(n,3n) p  
Cross Section

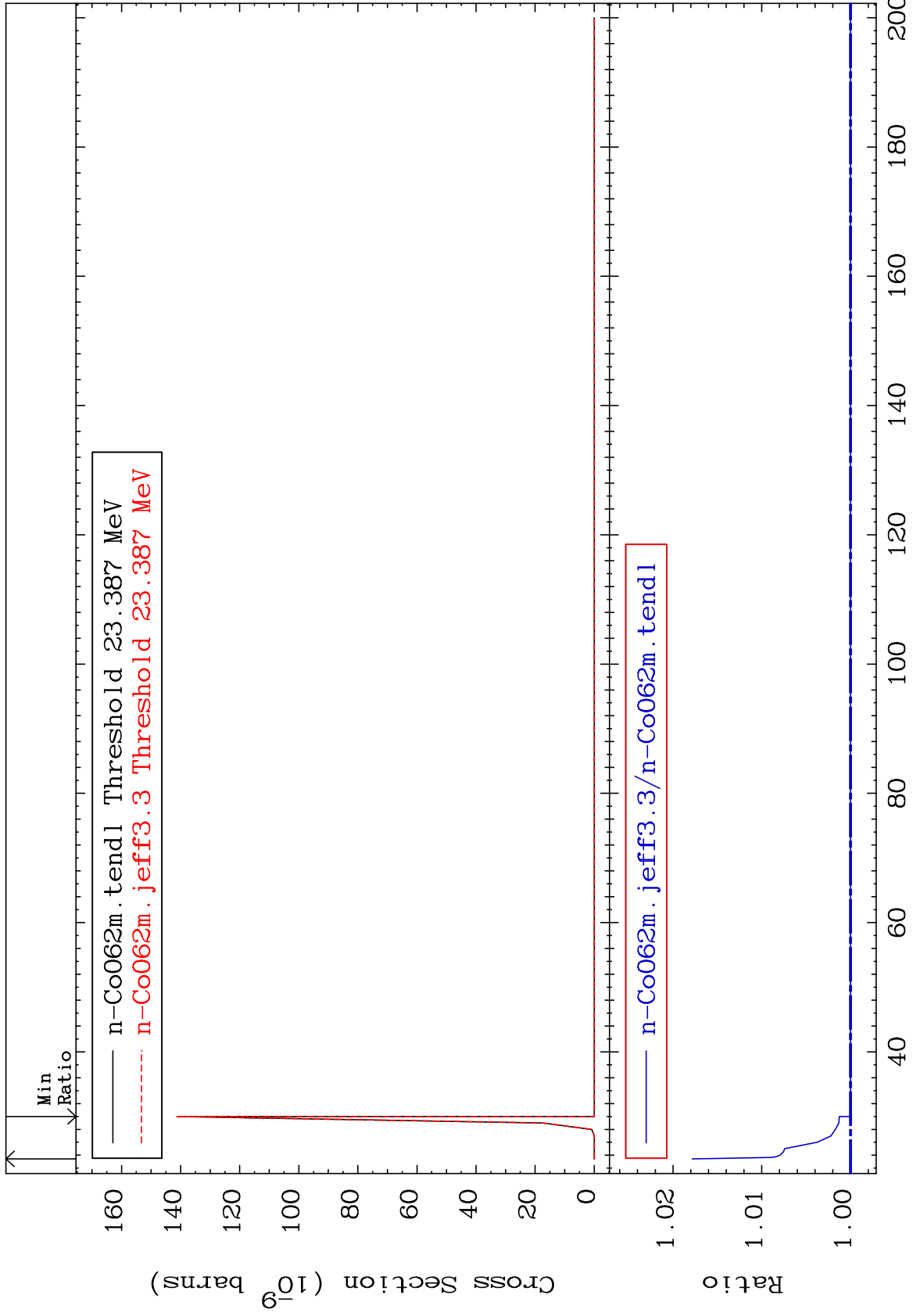
27-Co-62  
0.000 To 0.379 %



MAT 2735

(n,2n) p  
Cross Section

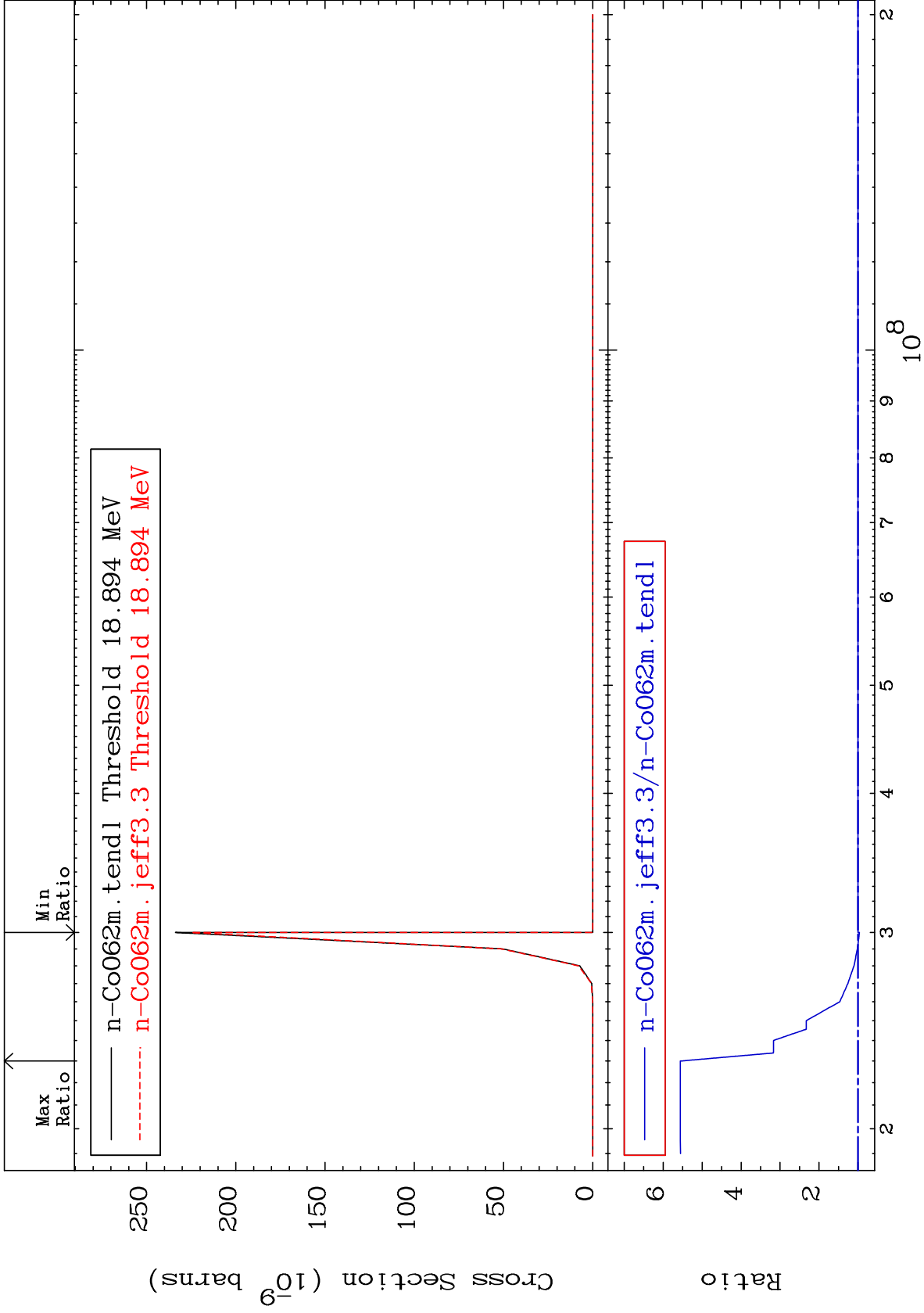
27-Co-62  
0.000 To 1.782 %



MAT 2735

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

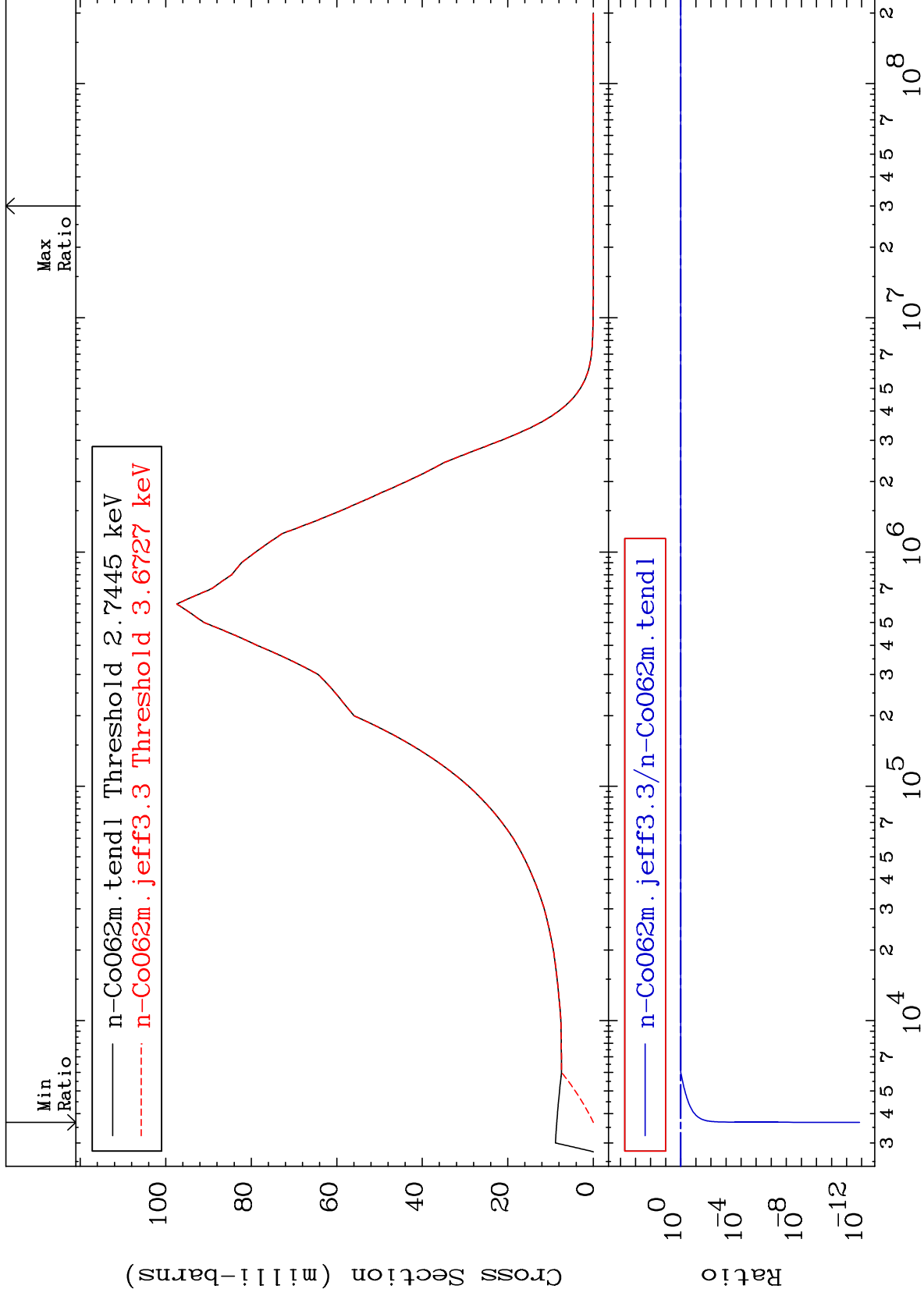
27-Co-62  
-3.708 To 455.9 %



MAT 2735

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

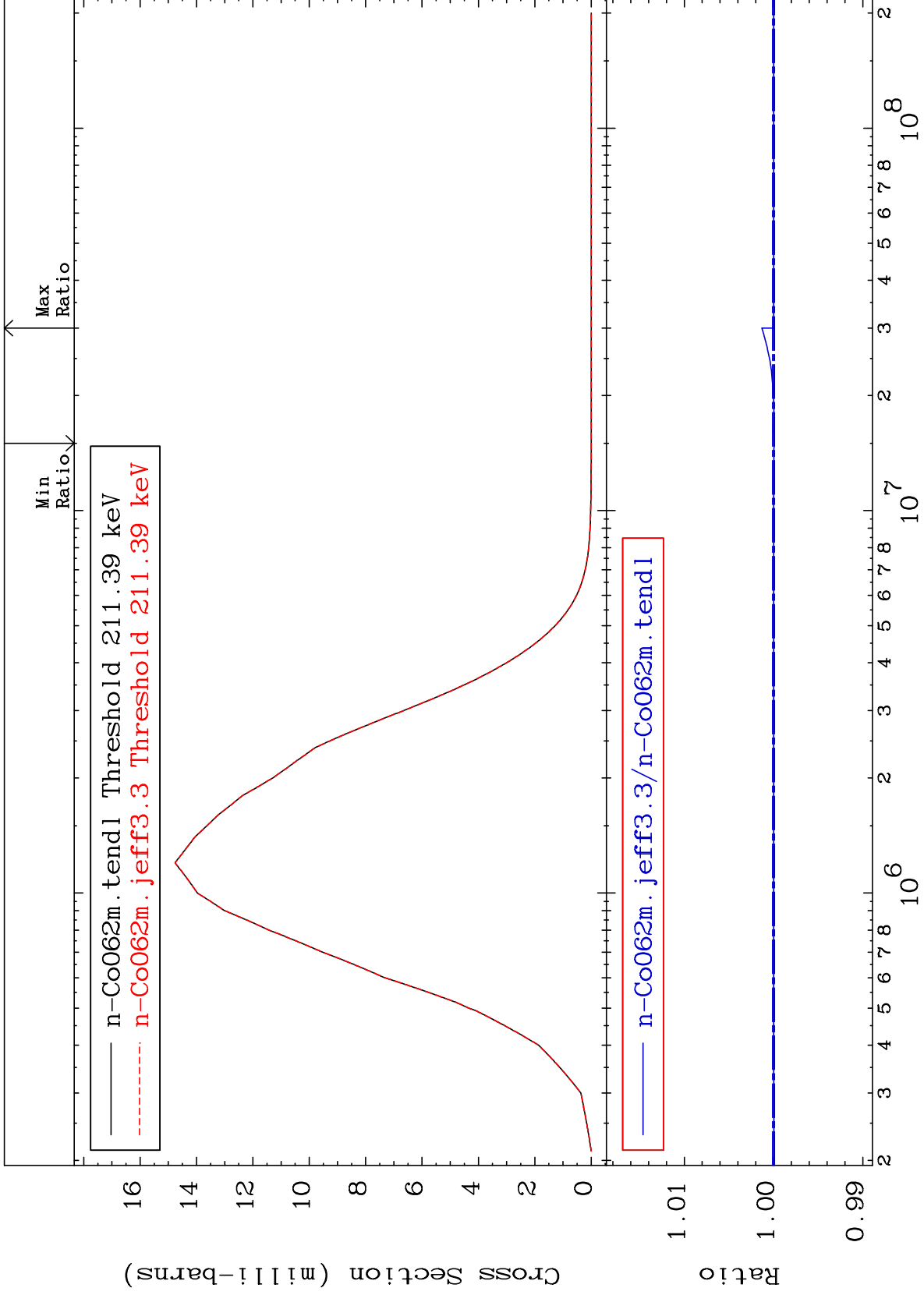
27-Co-62  
-100.0 To 0.133 %



MAT 2735

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

27-Co-62  
-0.005 To 0.131 %



21

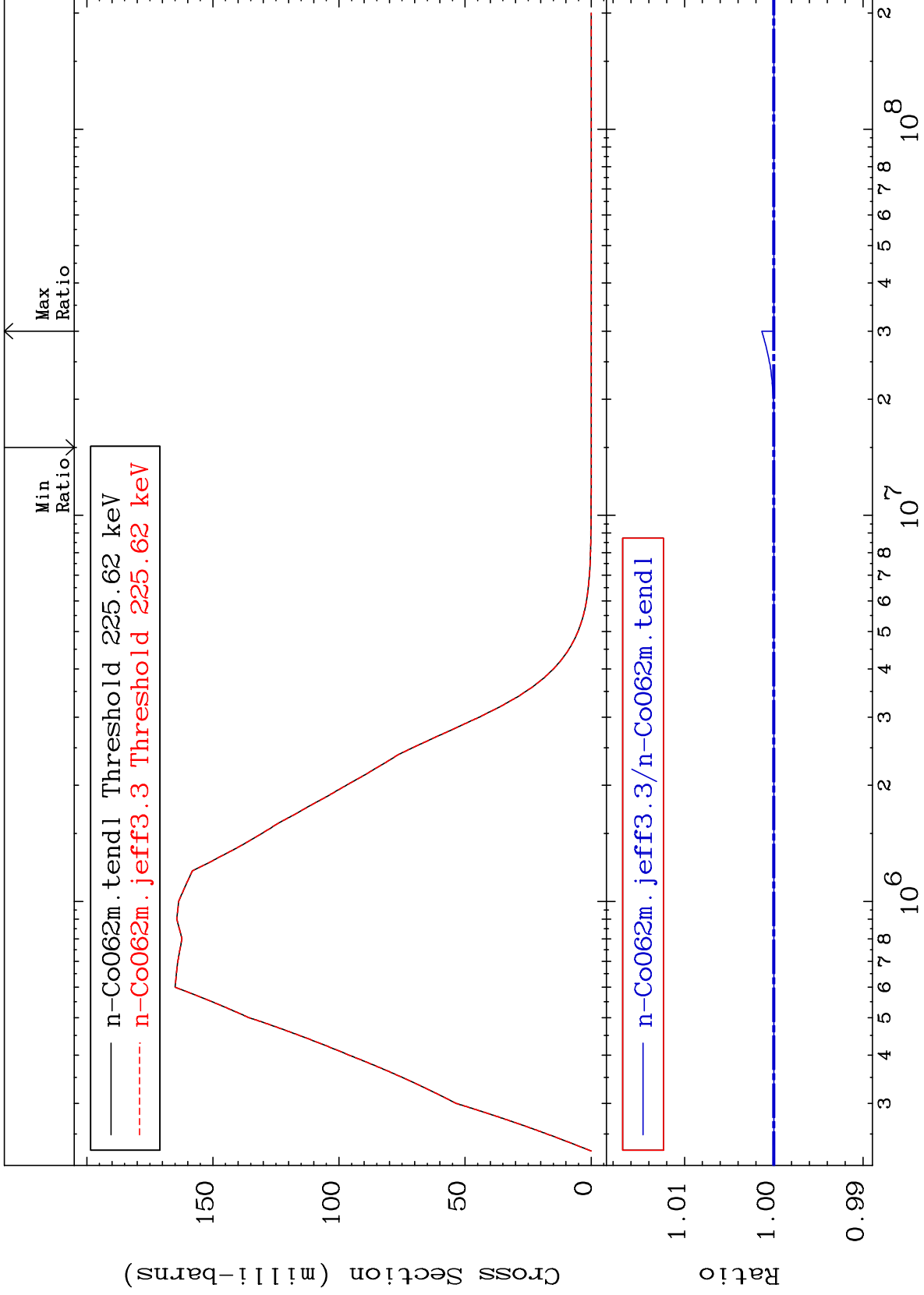
Incident Energy (eV)

27-Co-62

MAT 2735

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

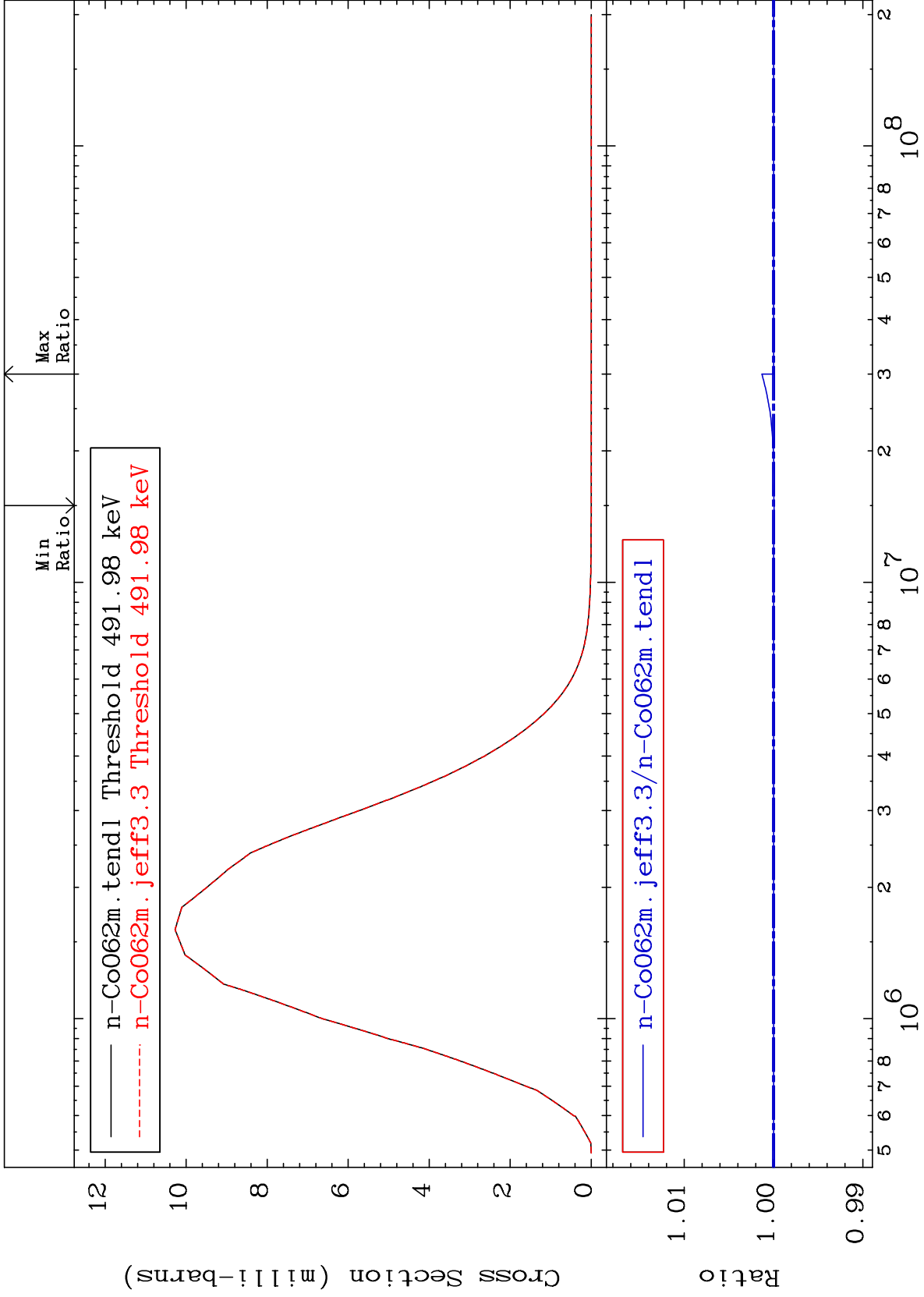
27-Co-62  
-0.004 To 0.135 %



MAT 2735

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

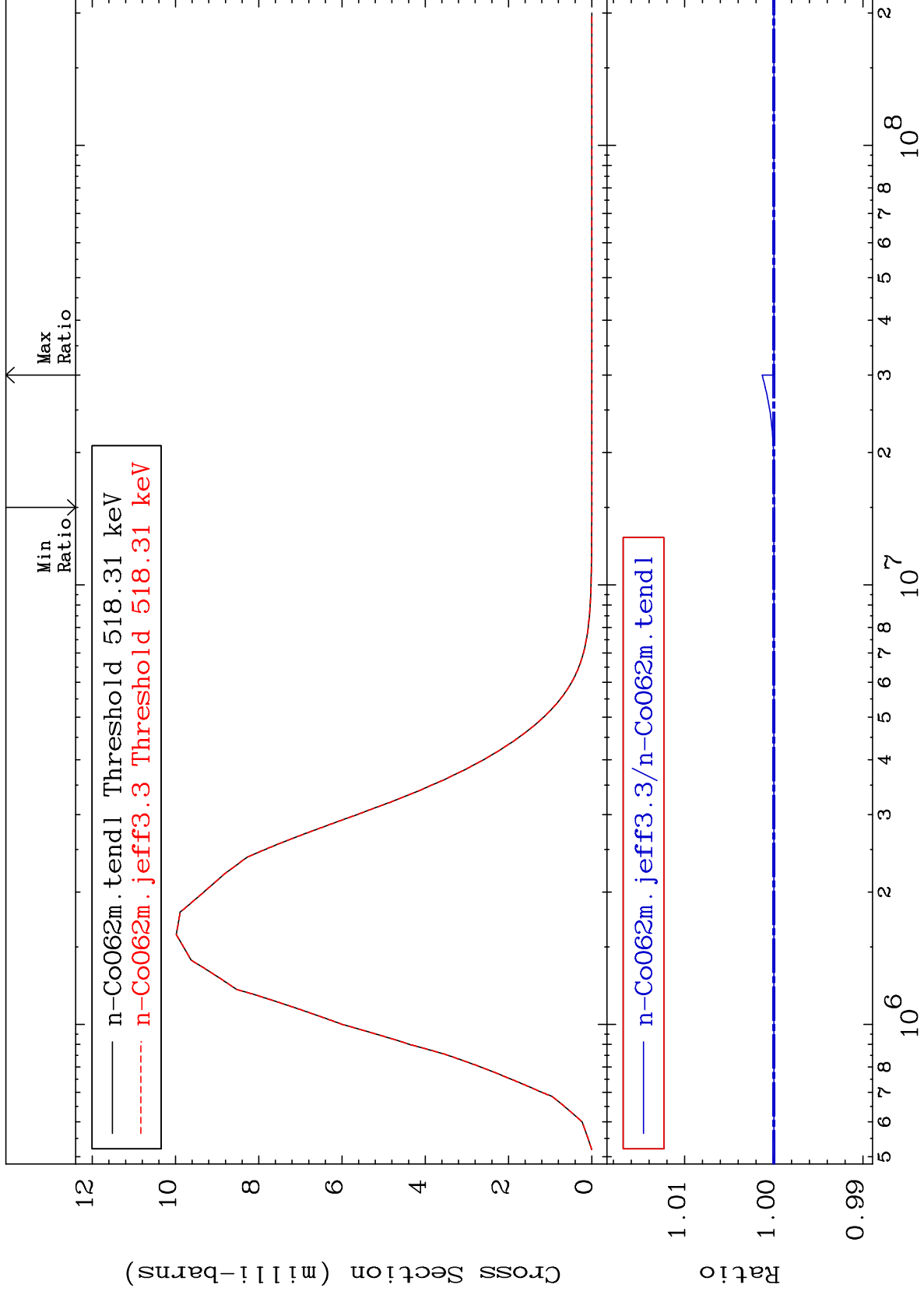
27-Co-62  
-0.005 To 0.131 %



MAT 2735

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

27-Co-62  
-0.005 To 0.131 %

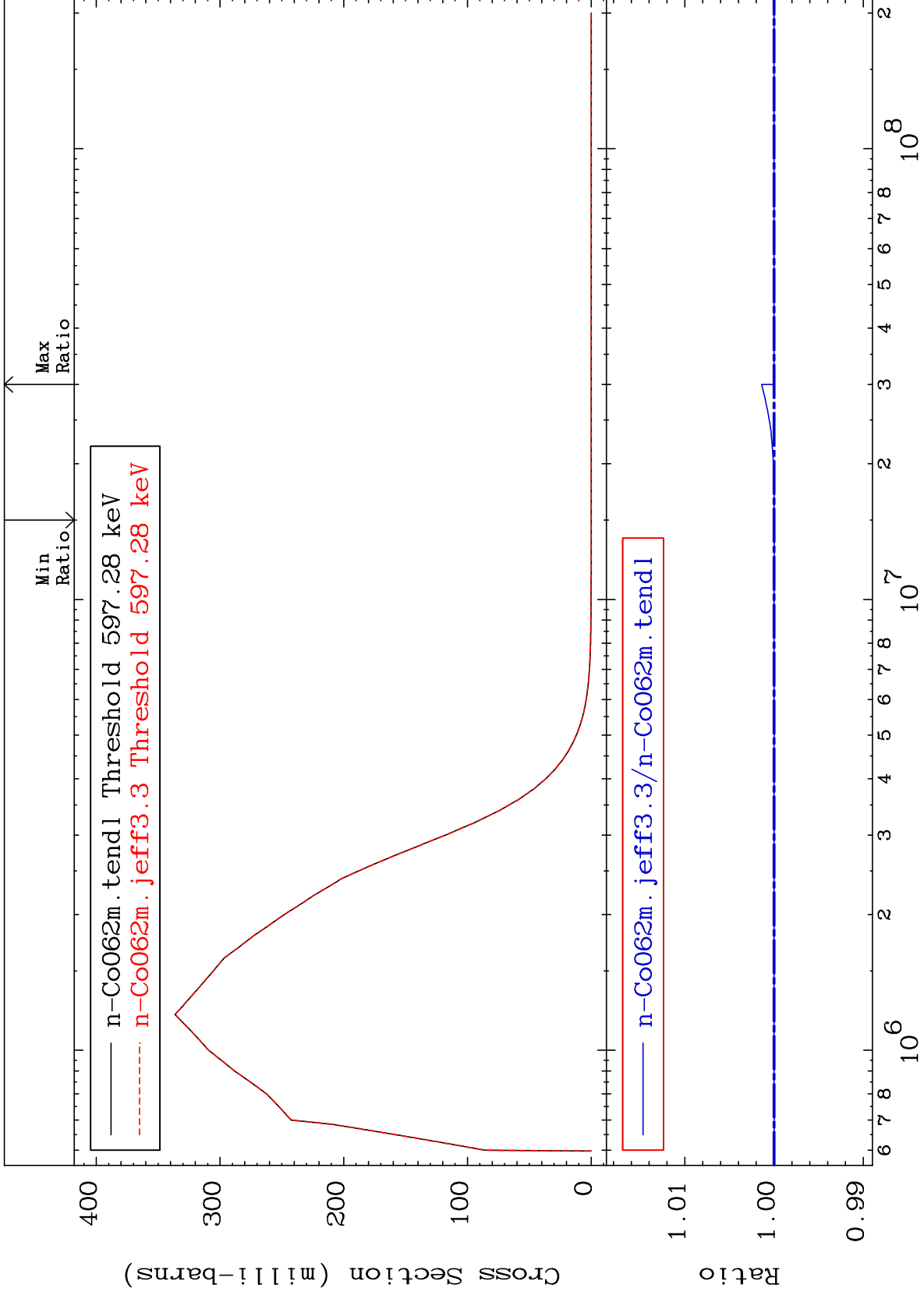




MAT 2735

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

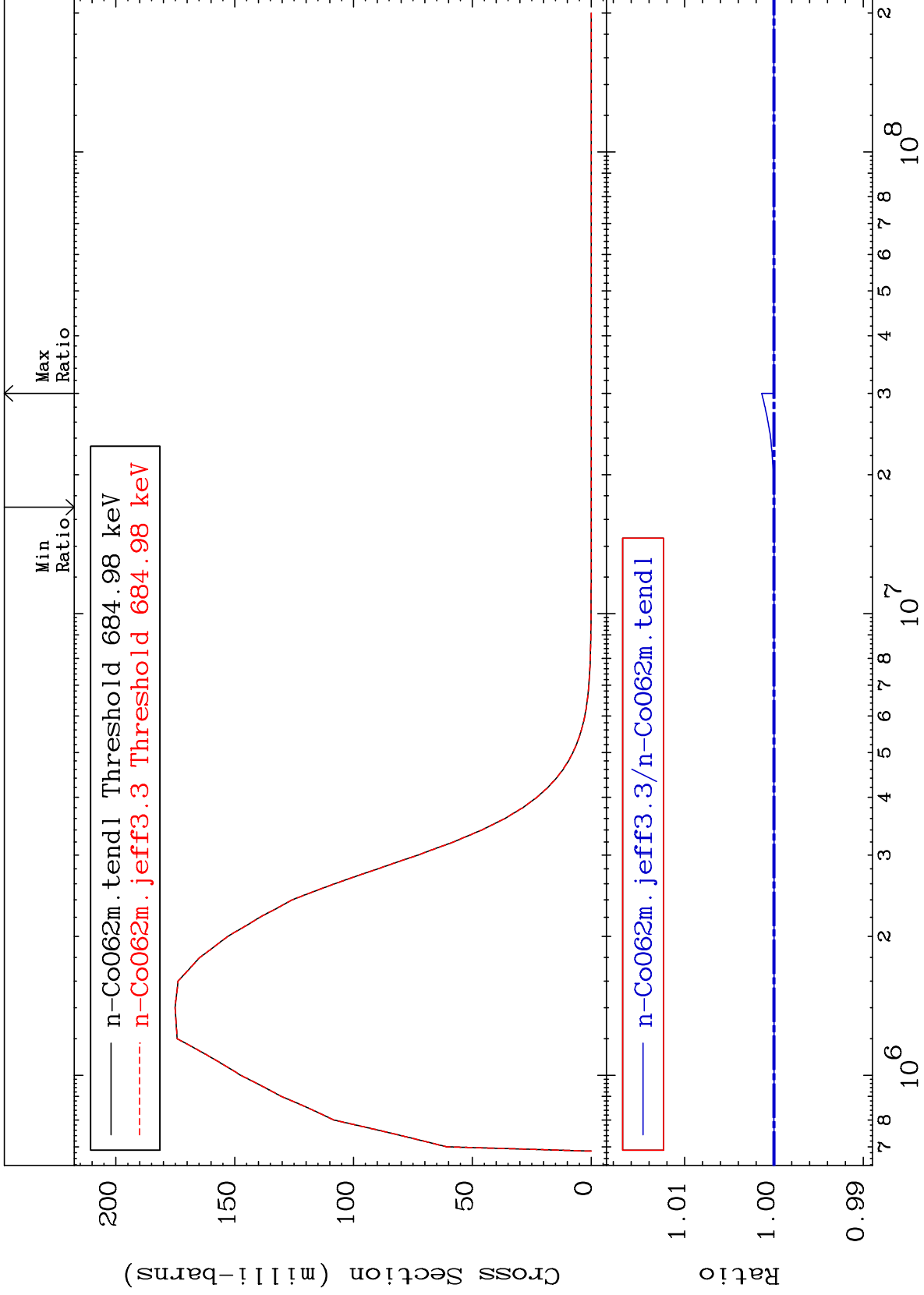
27-Co-62  
-0.003 To 0.141 %



MAT 2735

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

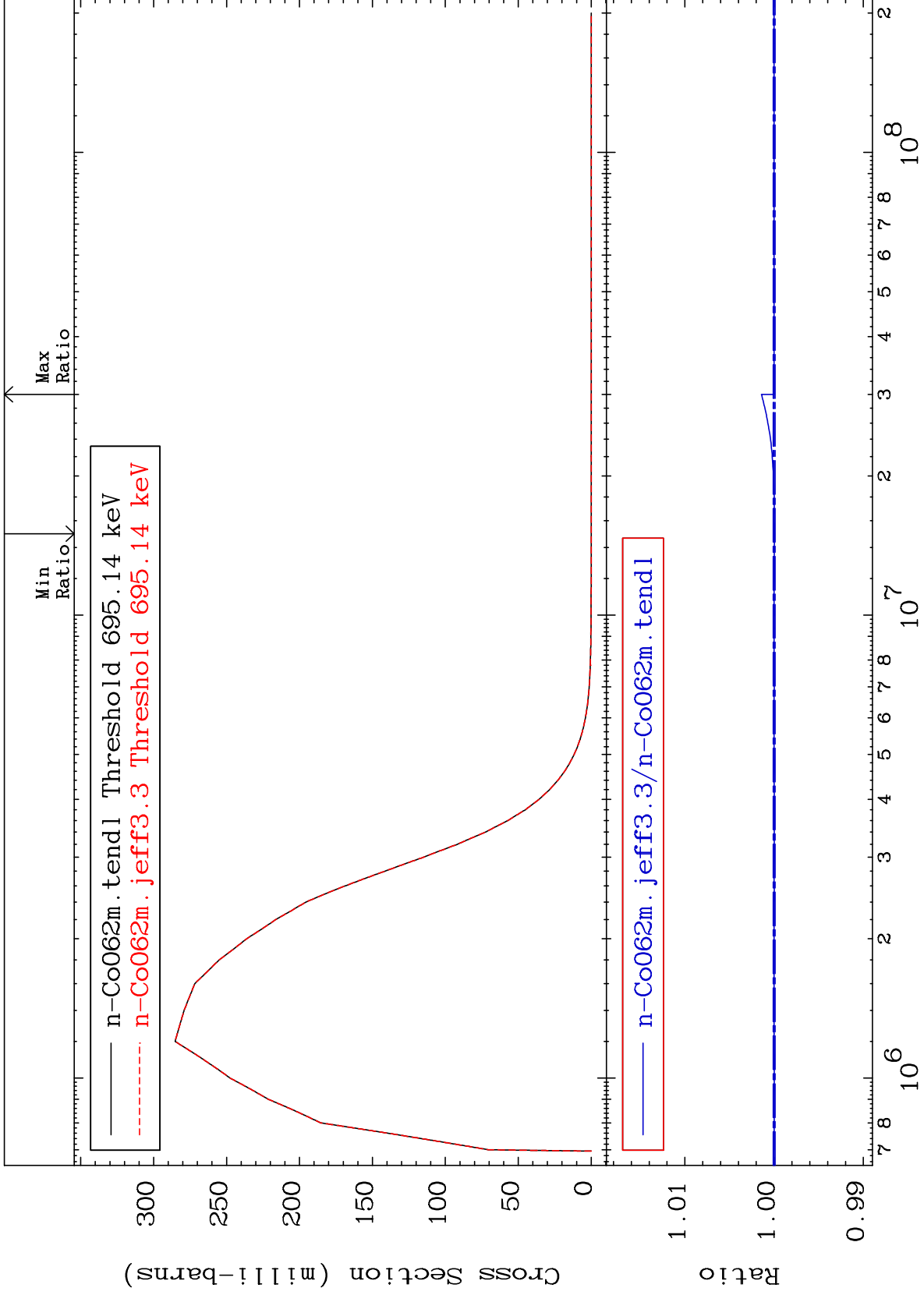
27-Co-62  
-0.003 To 0.138 %



MAT 2735

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

27-Co-62  
-0.004 To 0.142 %



27

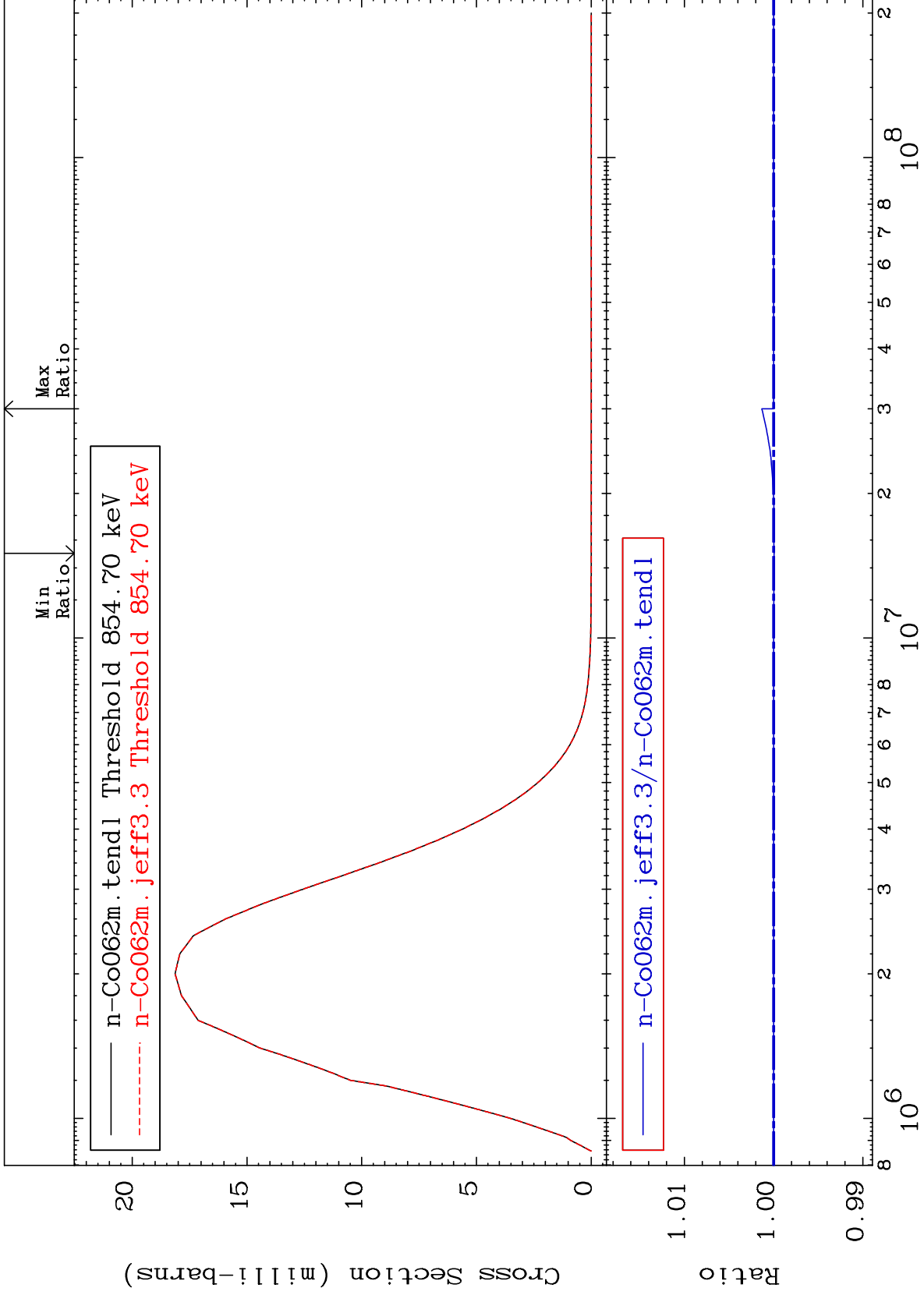
Incident Energy (eV)

27-Co-62

MAT 2735

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

27-Co-62  
-0.005 To 0.132 %



28

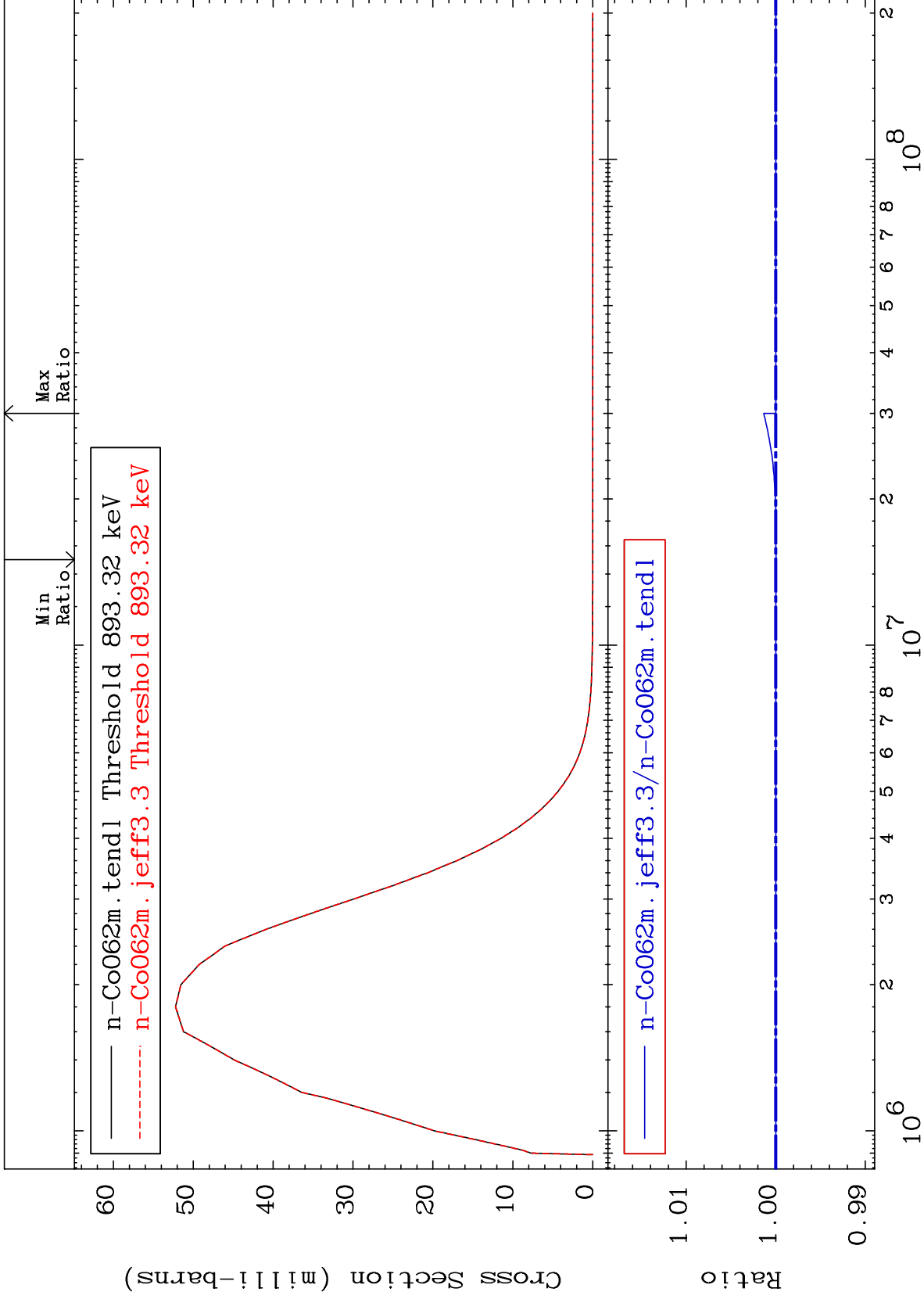
Incident Energy (eV)

27-Co-62

MAT 2735

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

27-Co-62  
-0.004 To 0.135 %



29

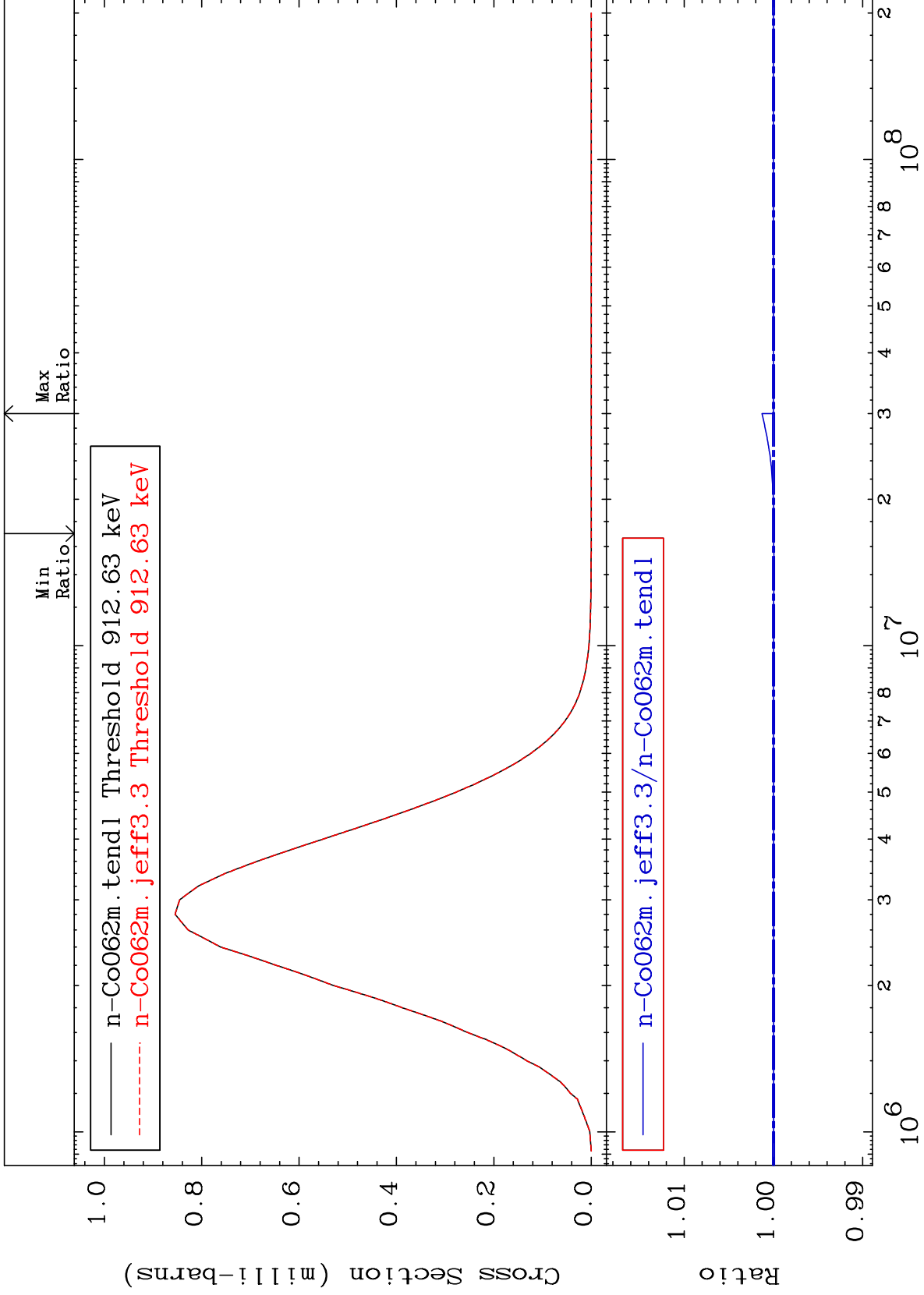
Incident Energy (eV)

27-Co-62

MAT 2735

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

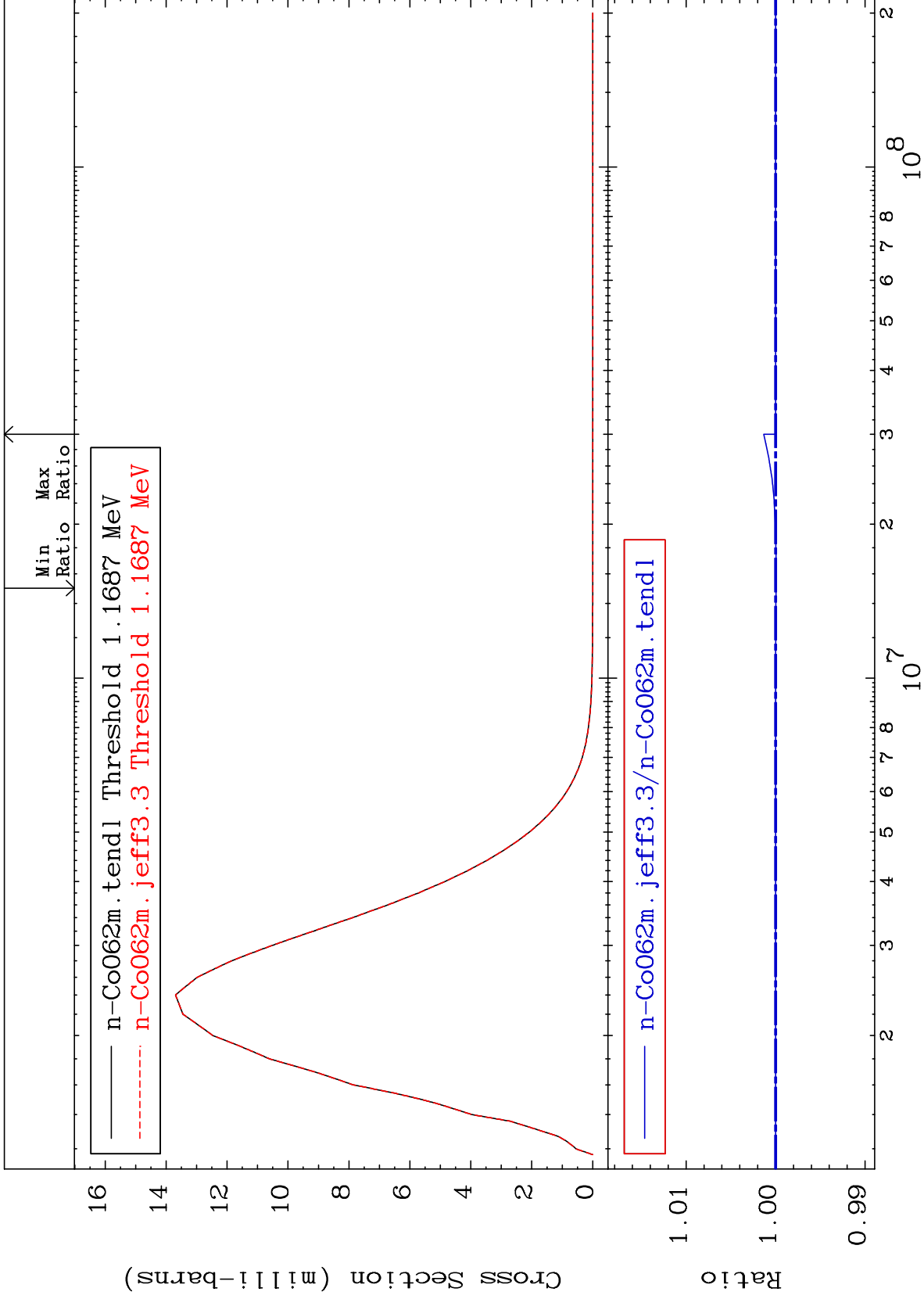
27-Co-62  
-0.005 To 0.130 %



30

Incident Energy (eV)

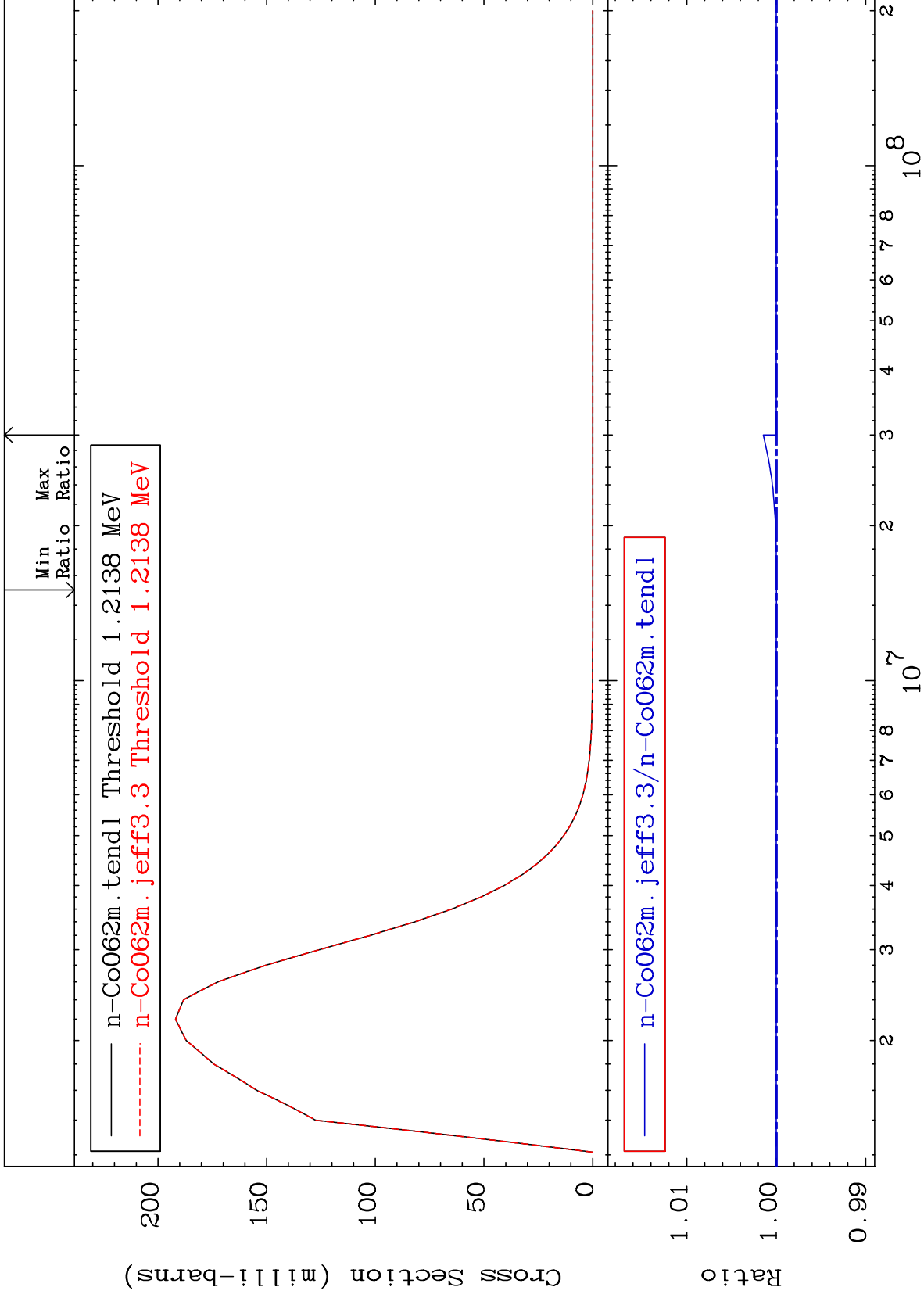
27-Co-62



MAT 2735

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

27-Co-62  
-0.003 To 0.145 %

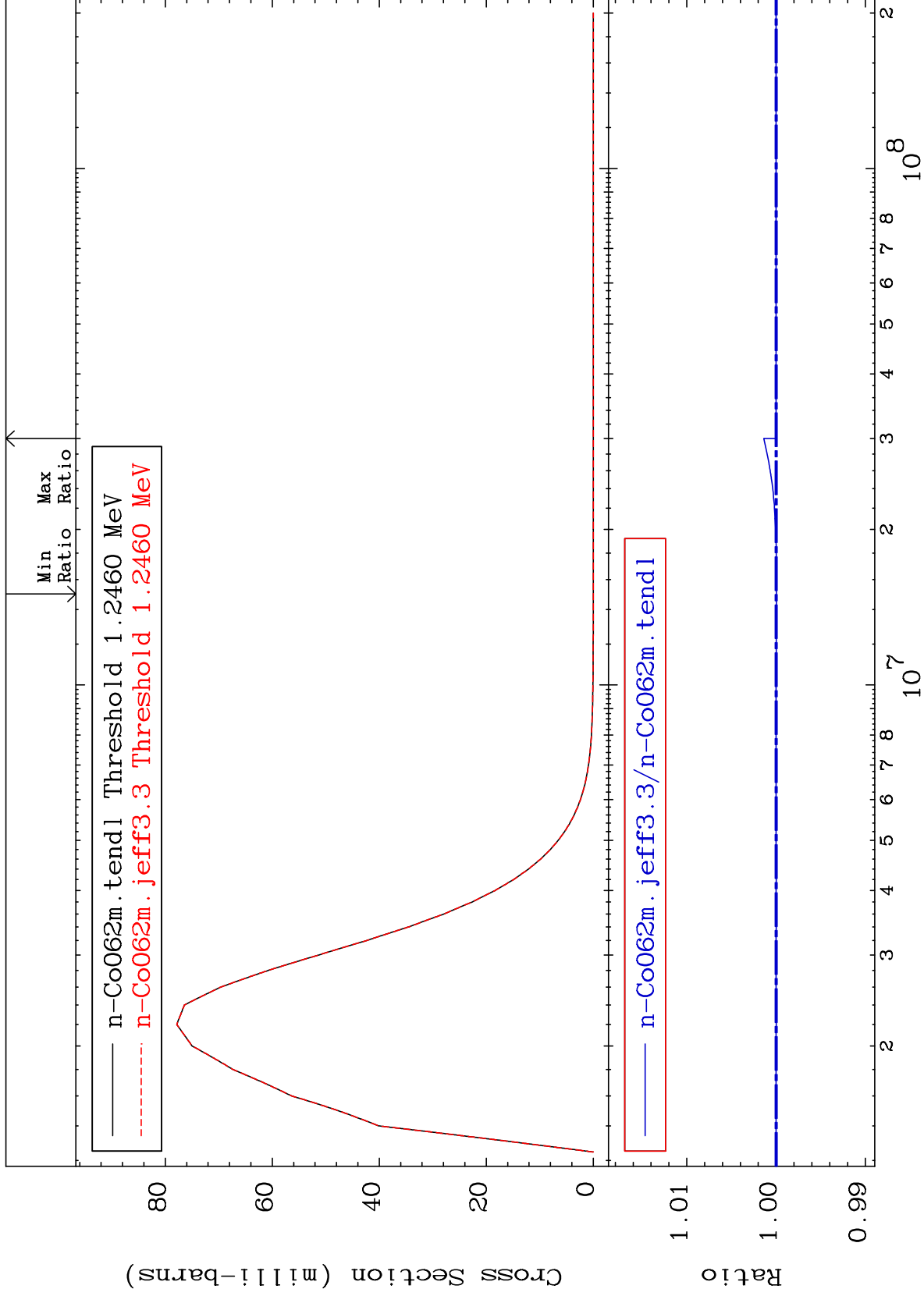




MAT 2735

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

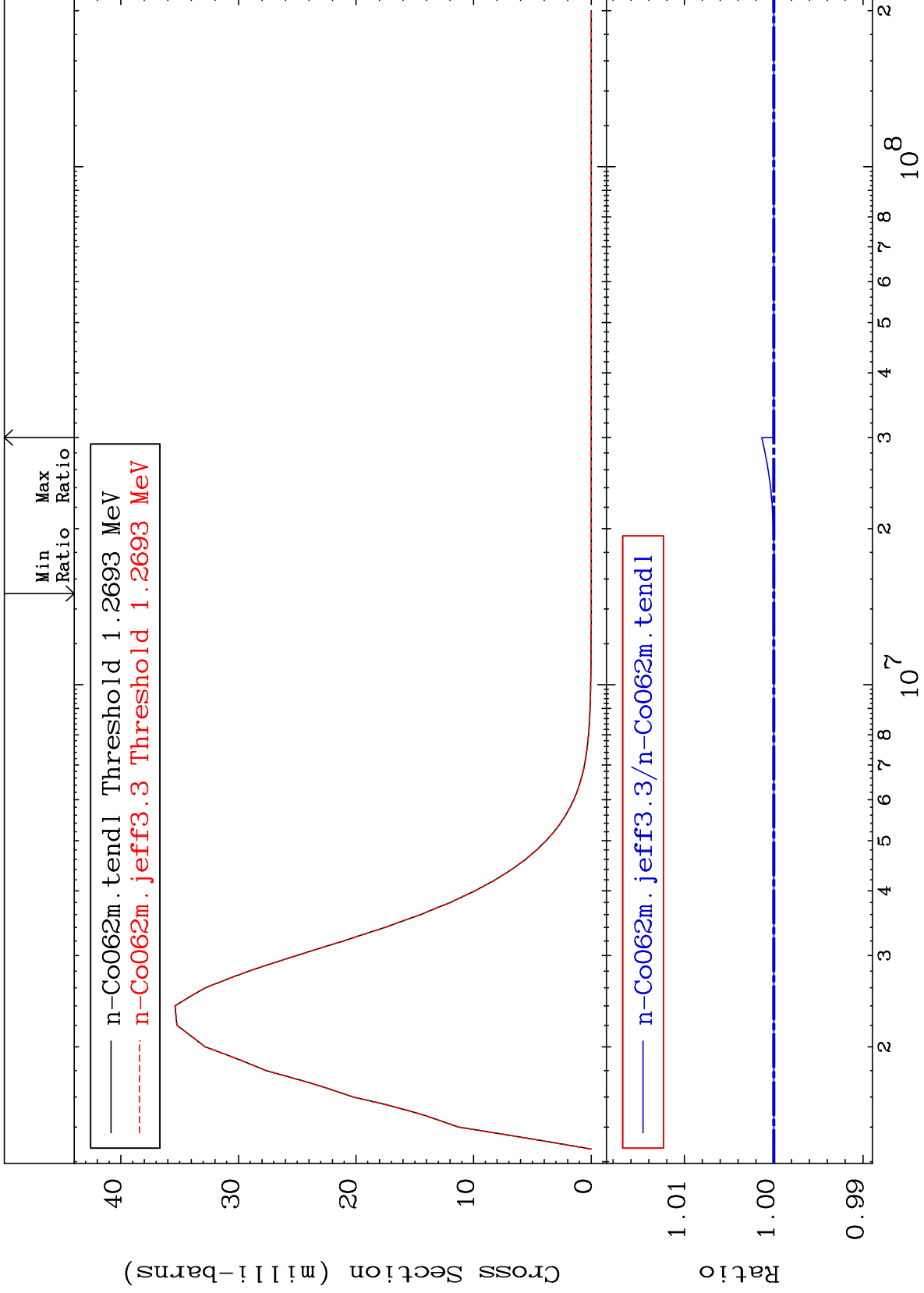
27-Co-62  
-0.004 To 0.138 %



MAT 2735

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

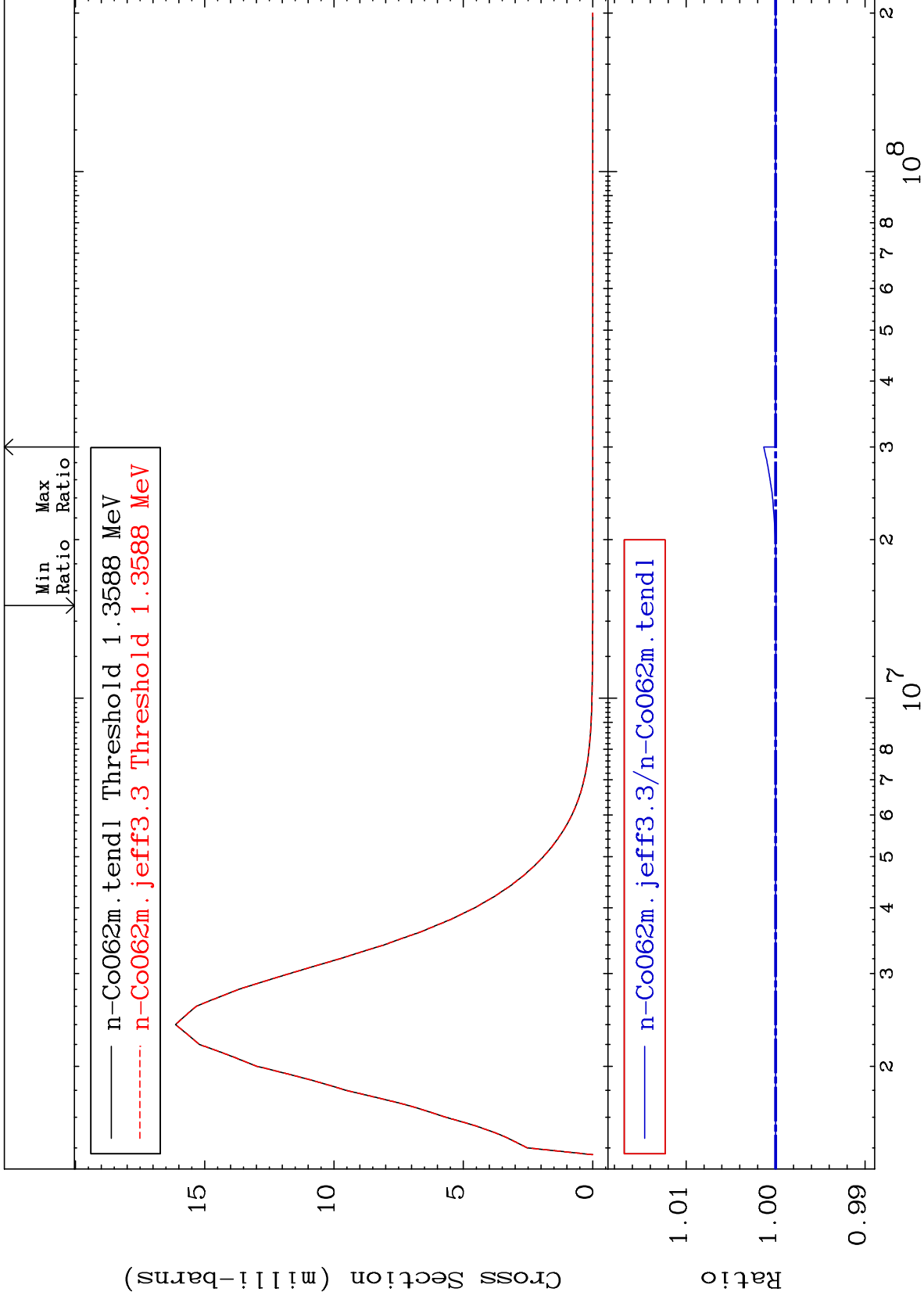
27-Co-62  
-0.004 To 0.135 %

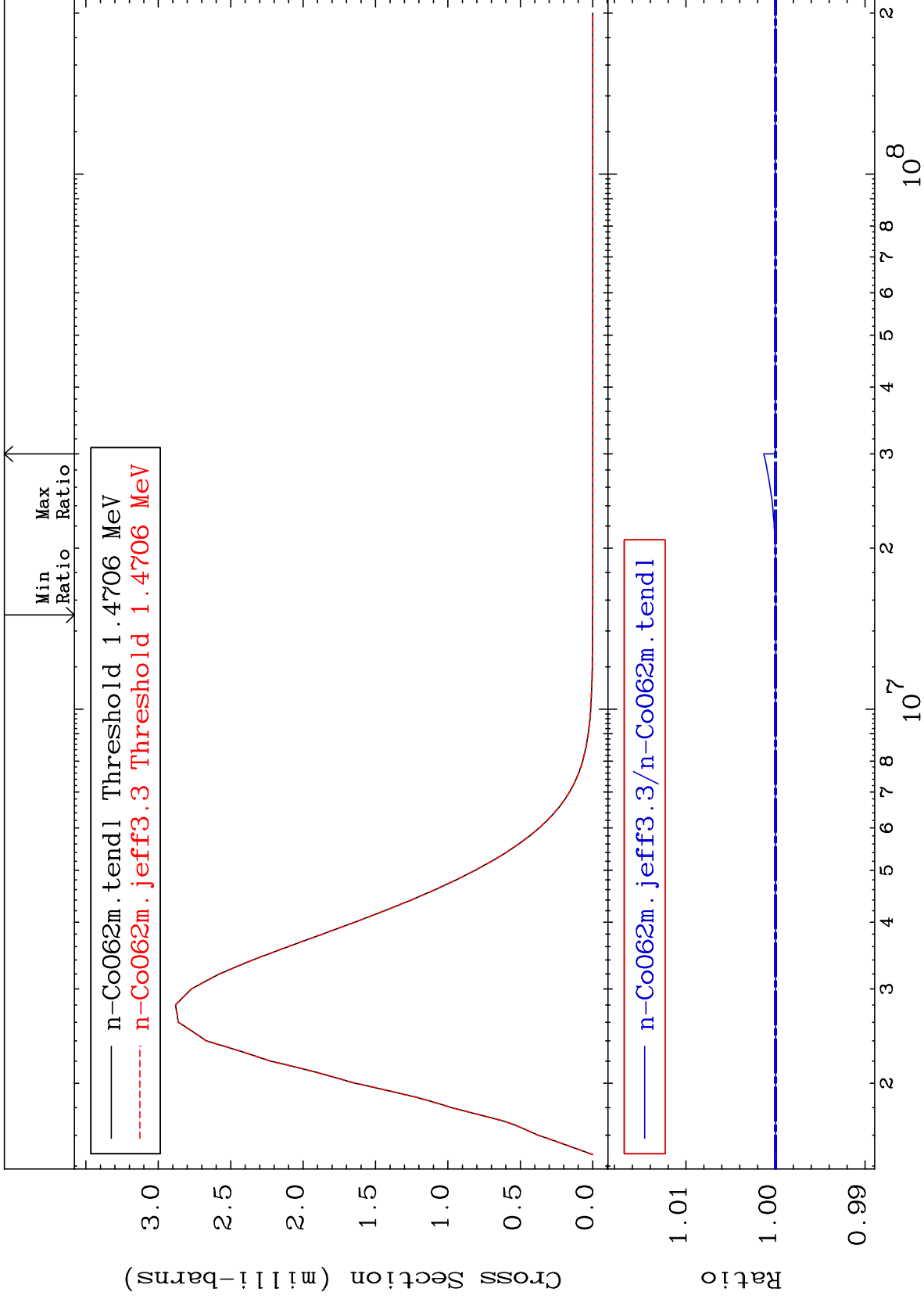


MAT 2735

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

27-Co-62  
-0.005 To 0.132 %

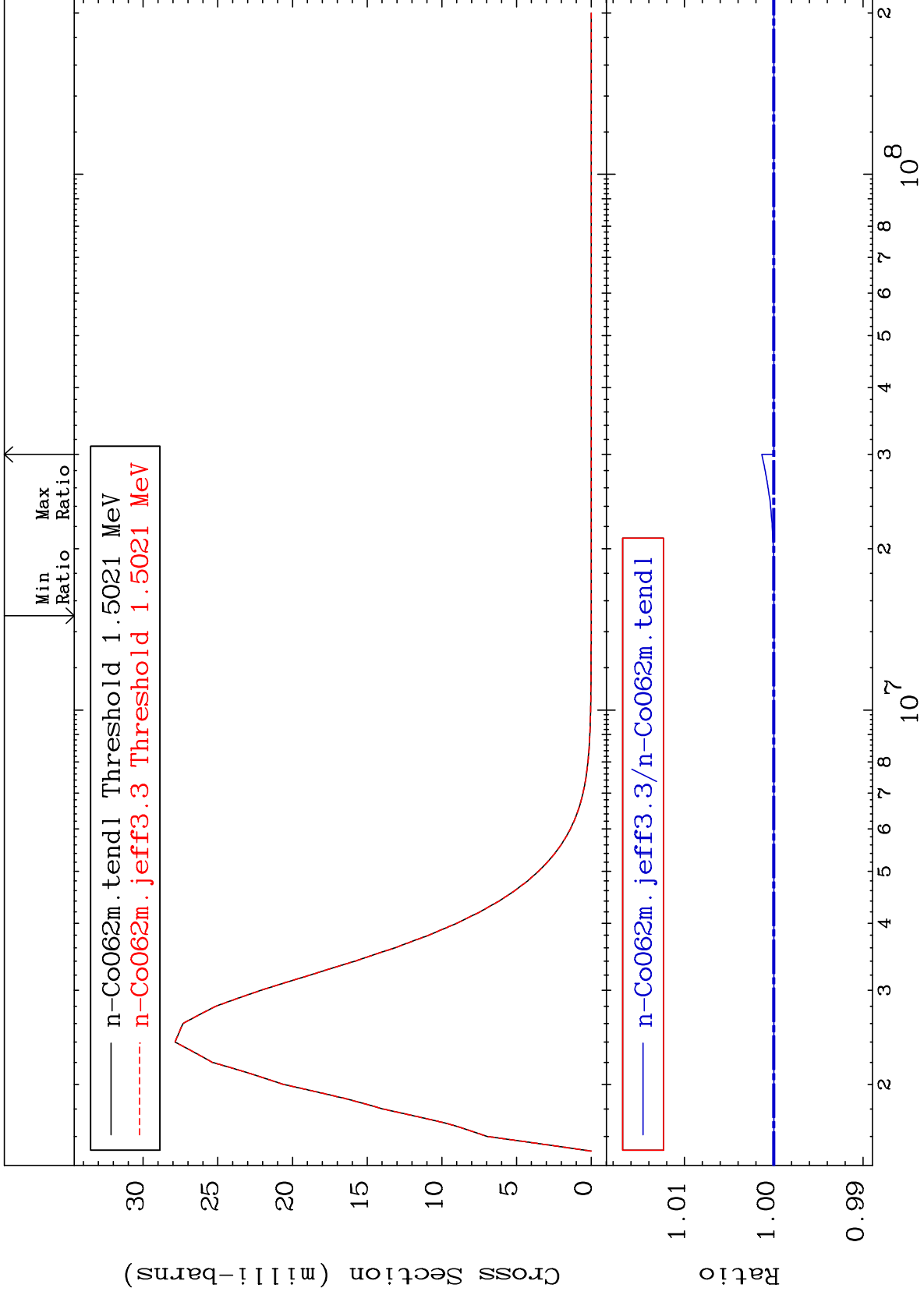




MAT 2735

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

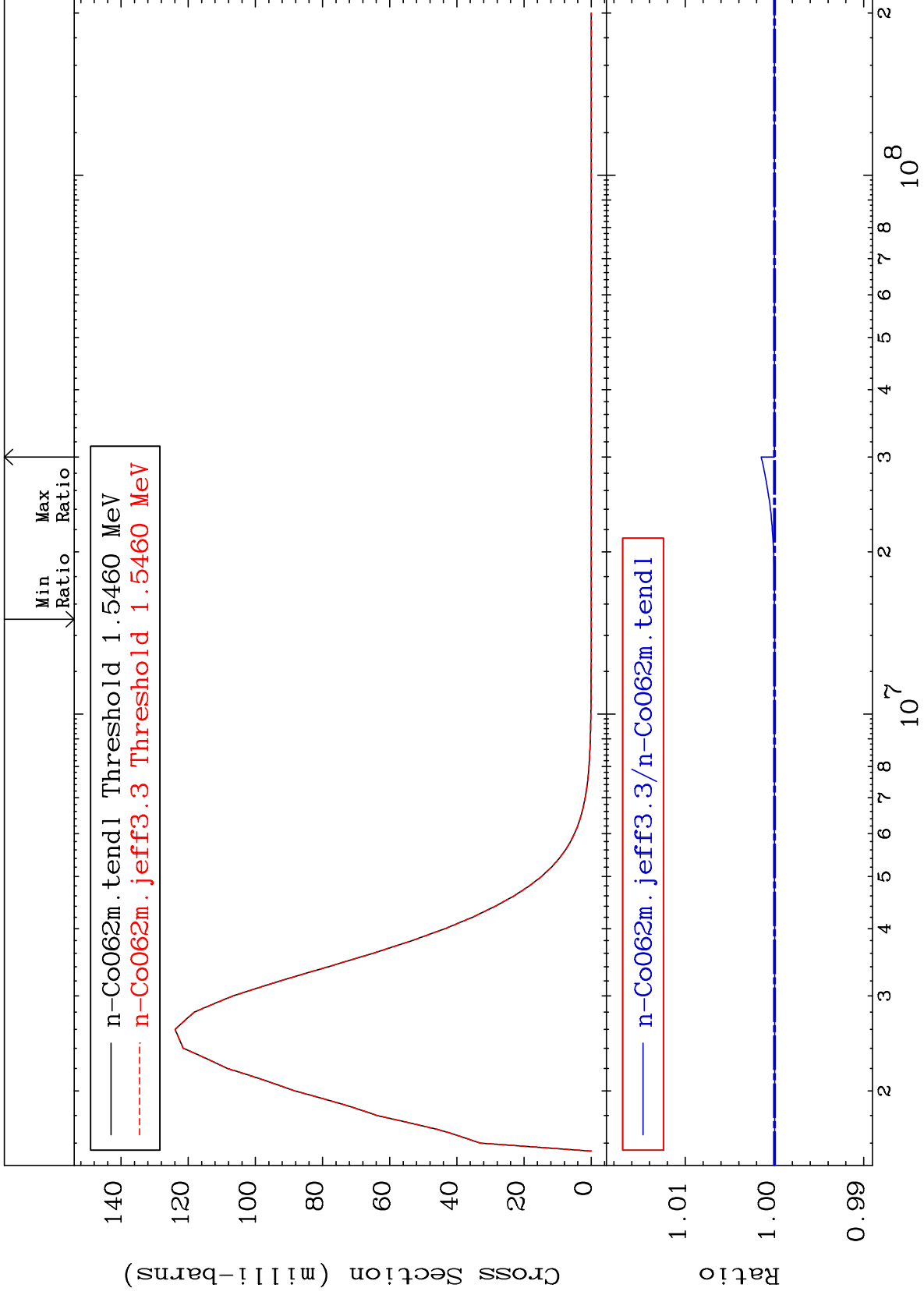
27-Co-62  
-0.005 To 0.135 %

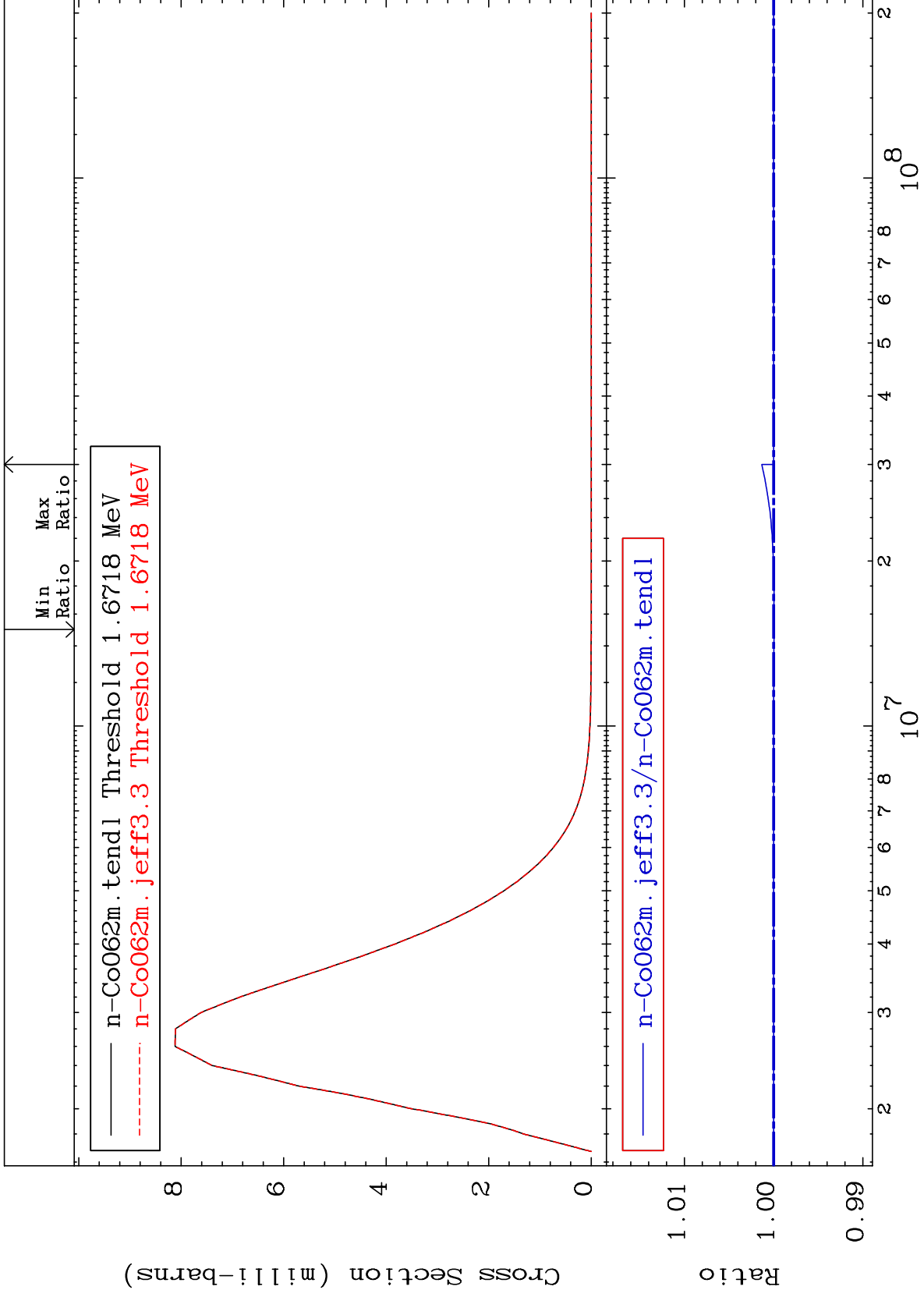


MAT 2735

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

27-Co-62  
-0.003 To 0.150 %

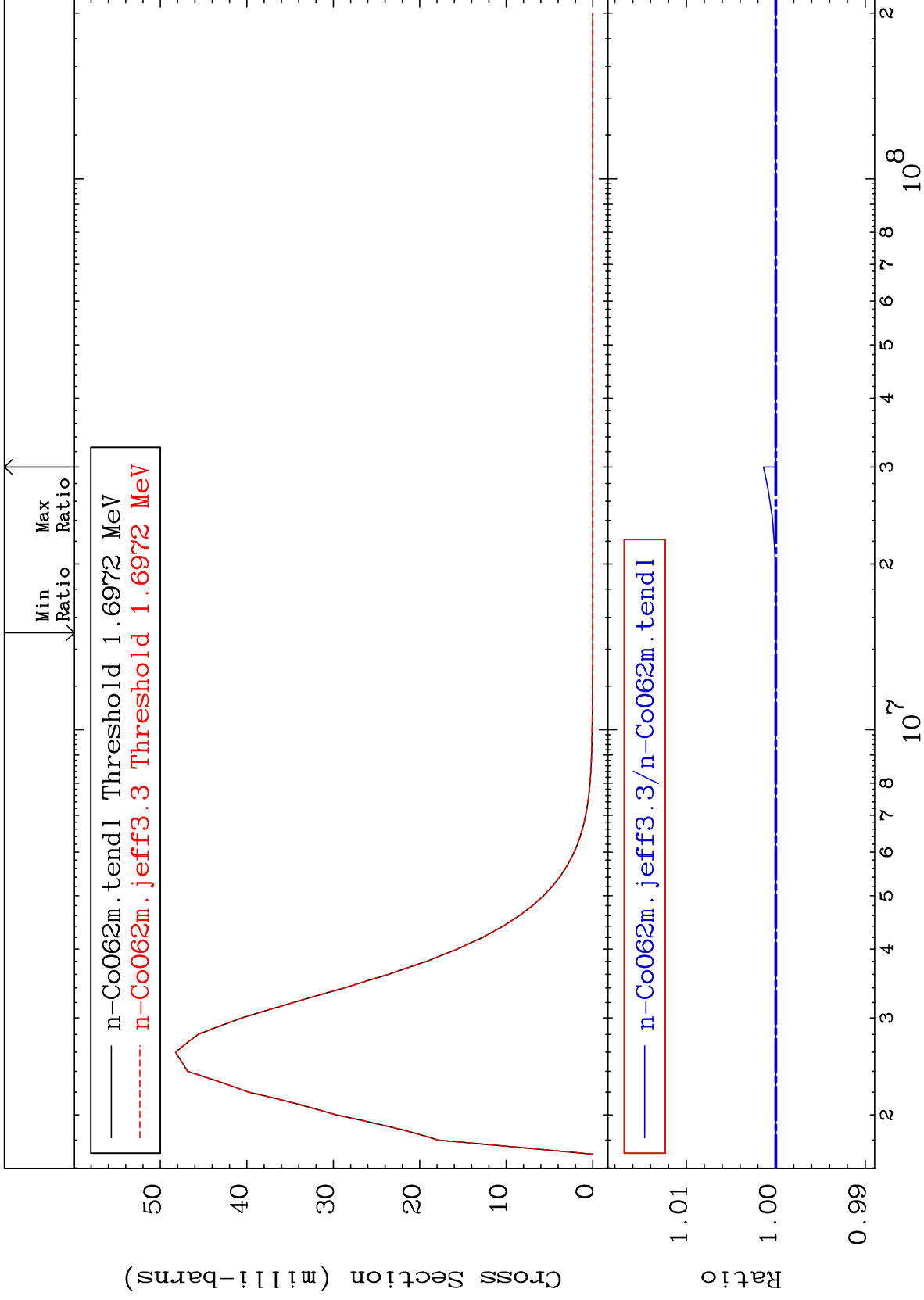




MAT 2735

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

27-Co-62  
-0.005 To 0.138 %



40

Incident Energy (eV)

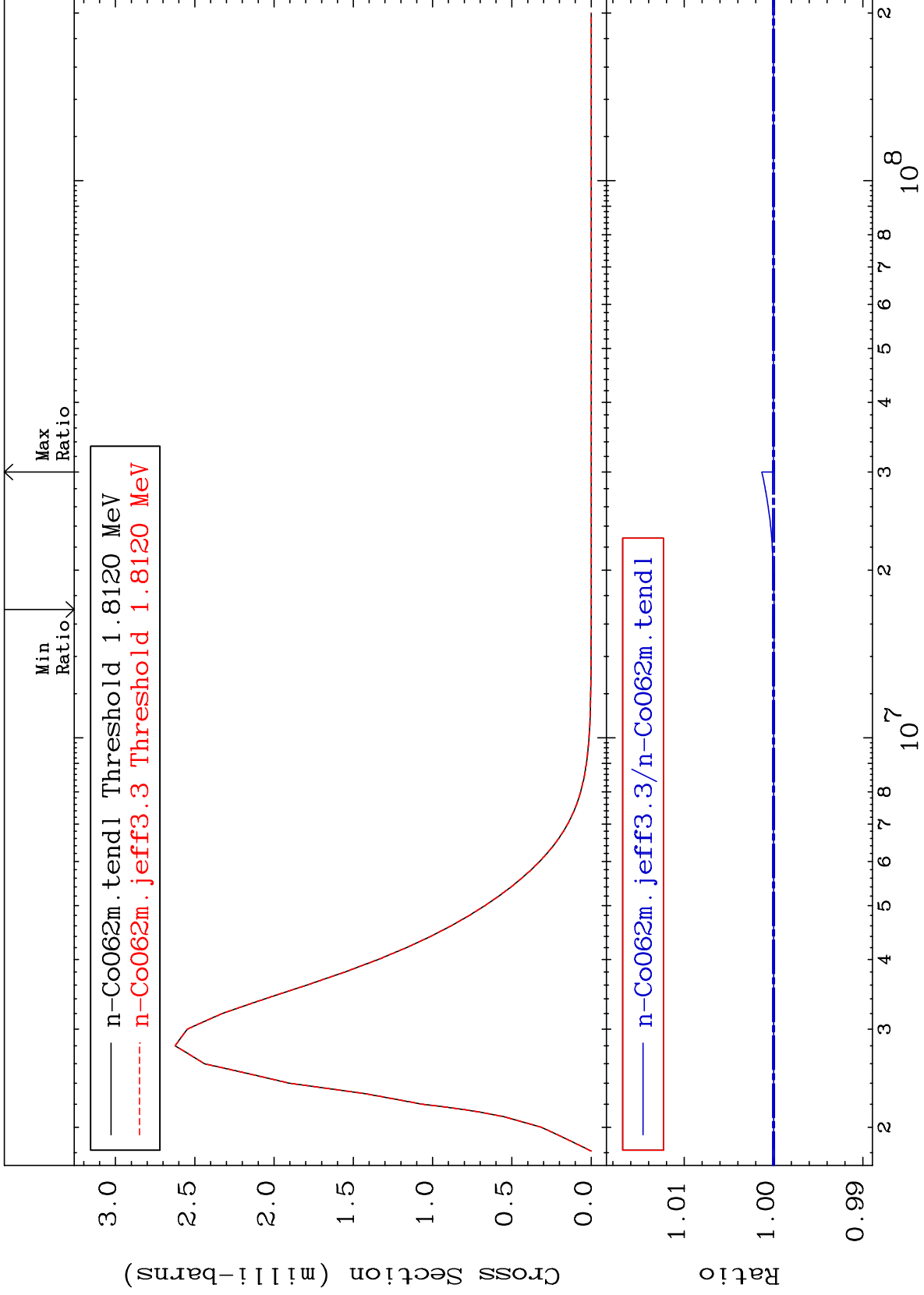
27-Co-62



MAT 2735

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

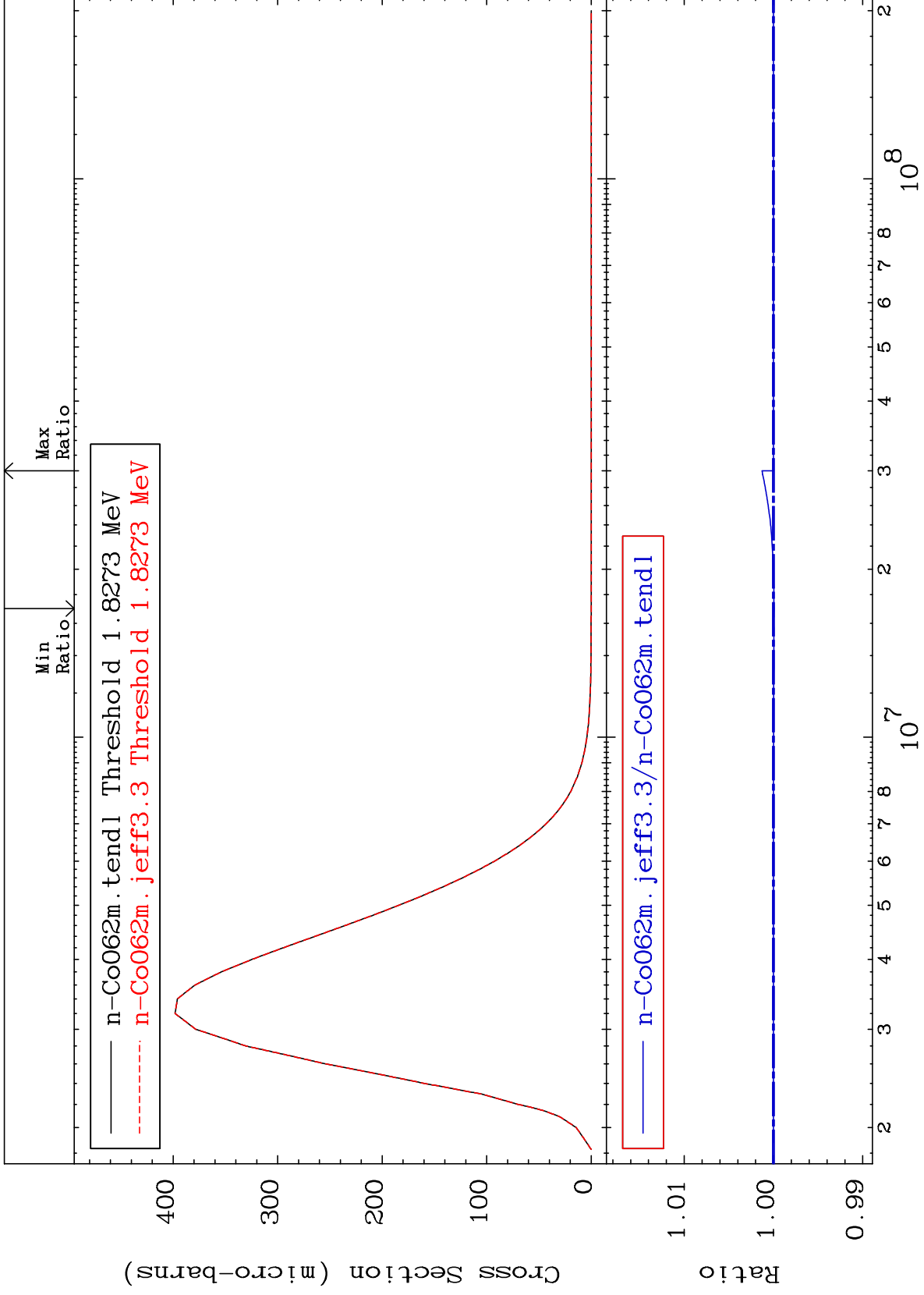
27-Co-62  
-0.005 To 0.130 %



MAT 2735

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

27-Co-62  
-0.006 To 0.129 %



42

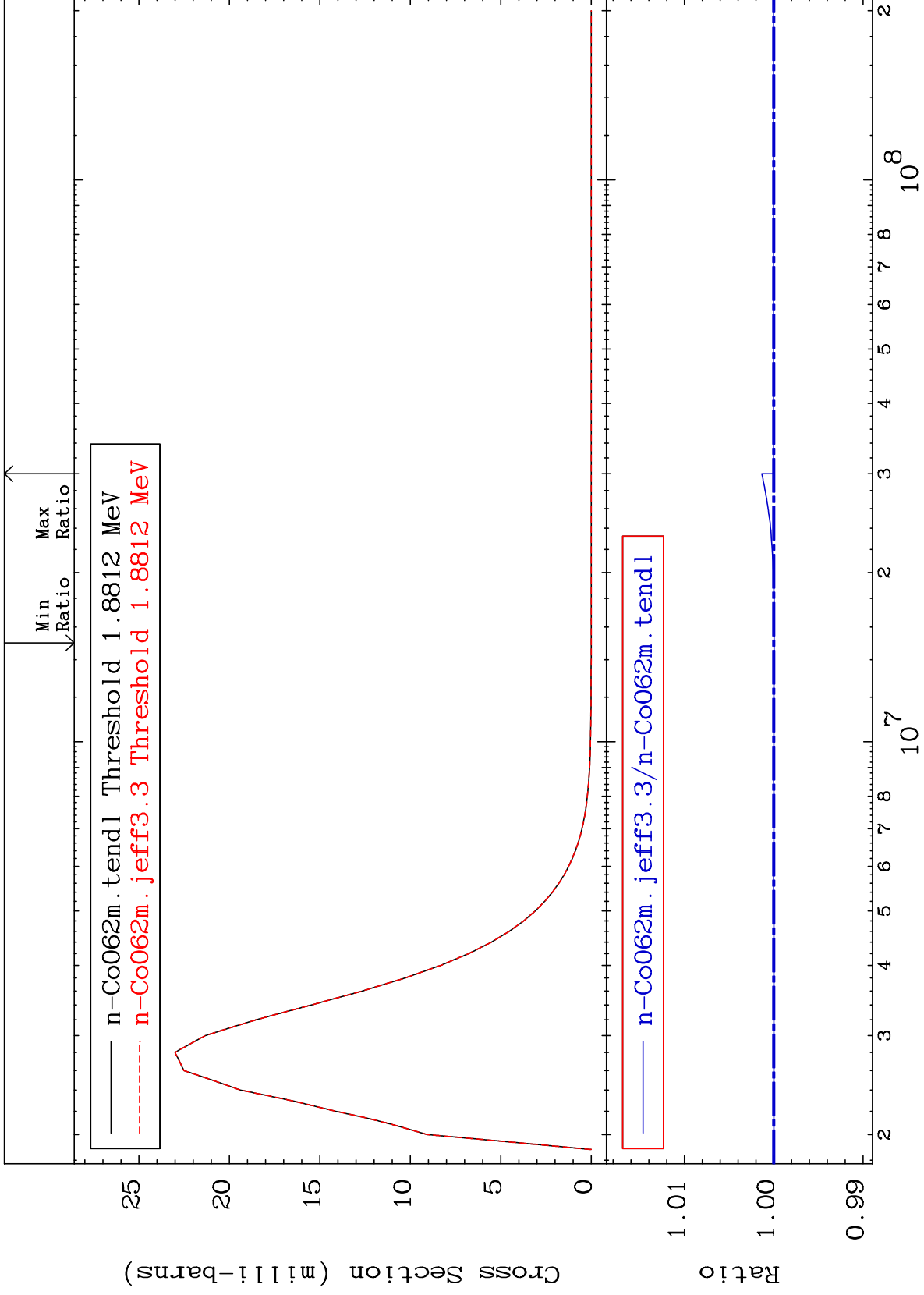
Incident Energy (eV)

27-Co-62

MAT 2735

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

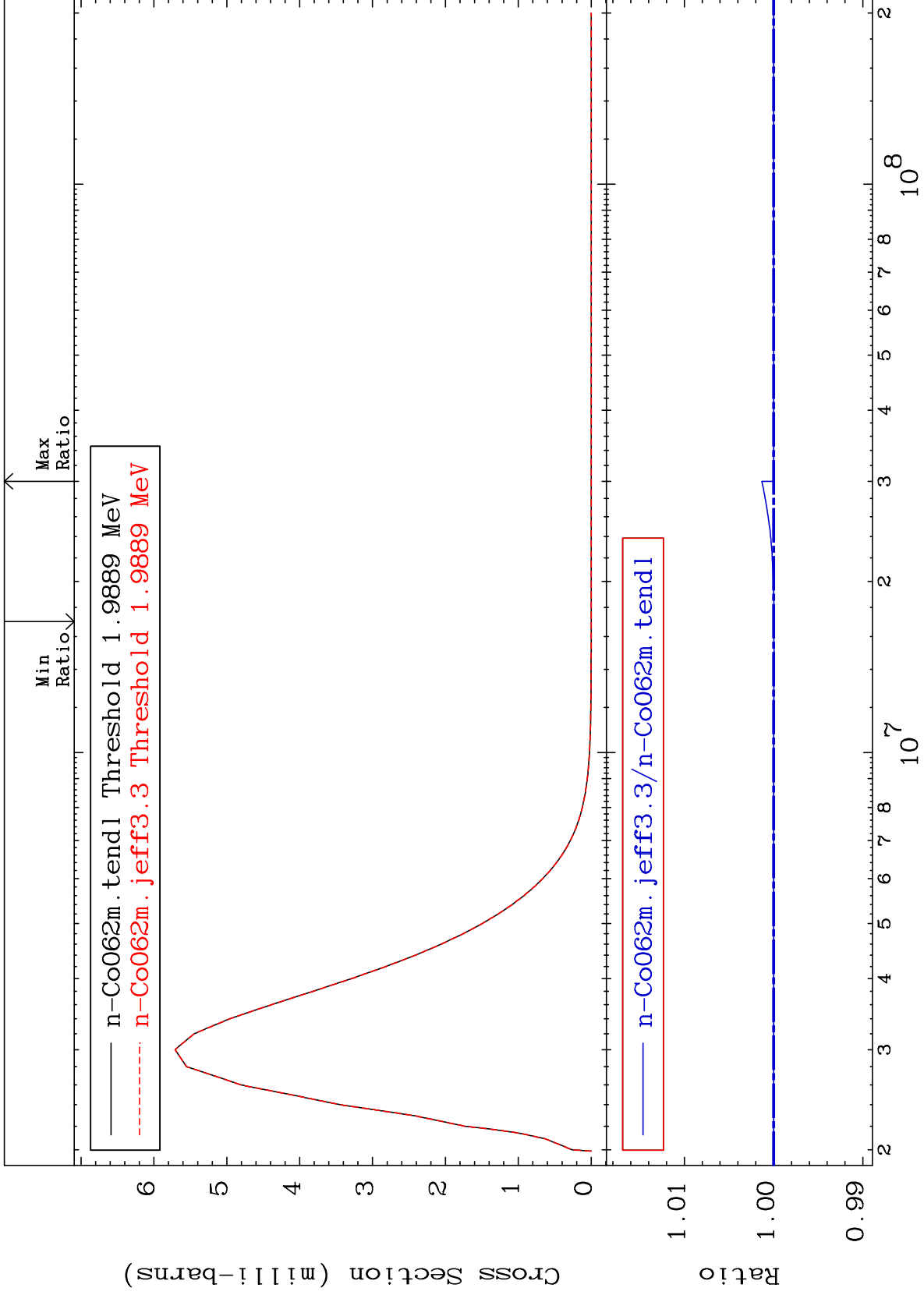
27-Co-62  
-0.005 To 0.134 %



MAT 2735

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

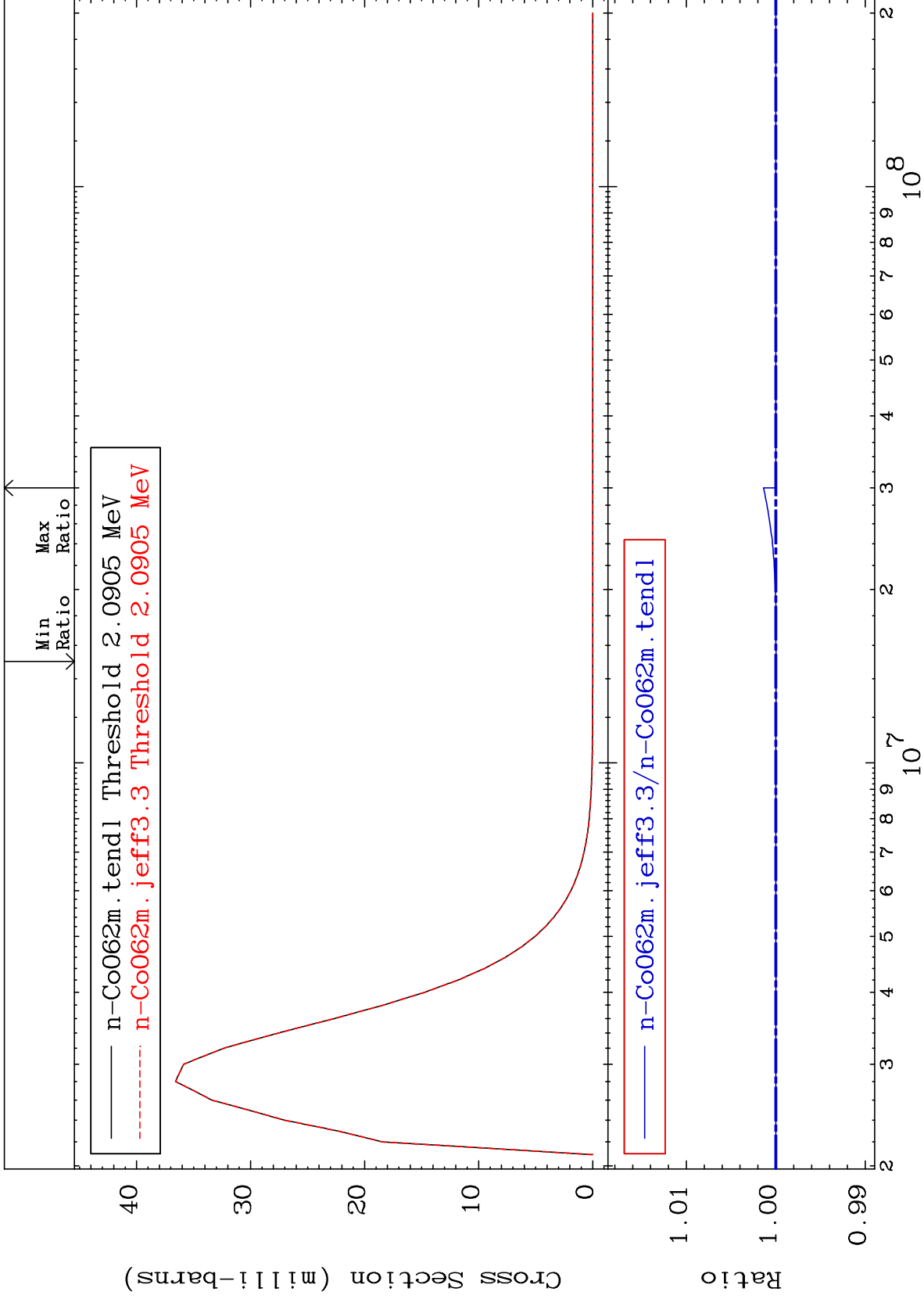
27-Co-62  
-0.005 To 0.132 %

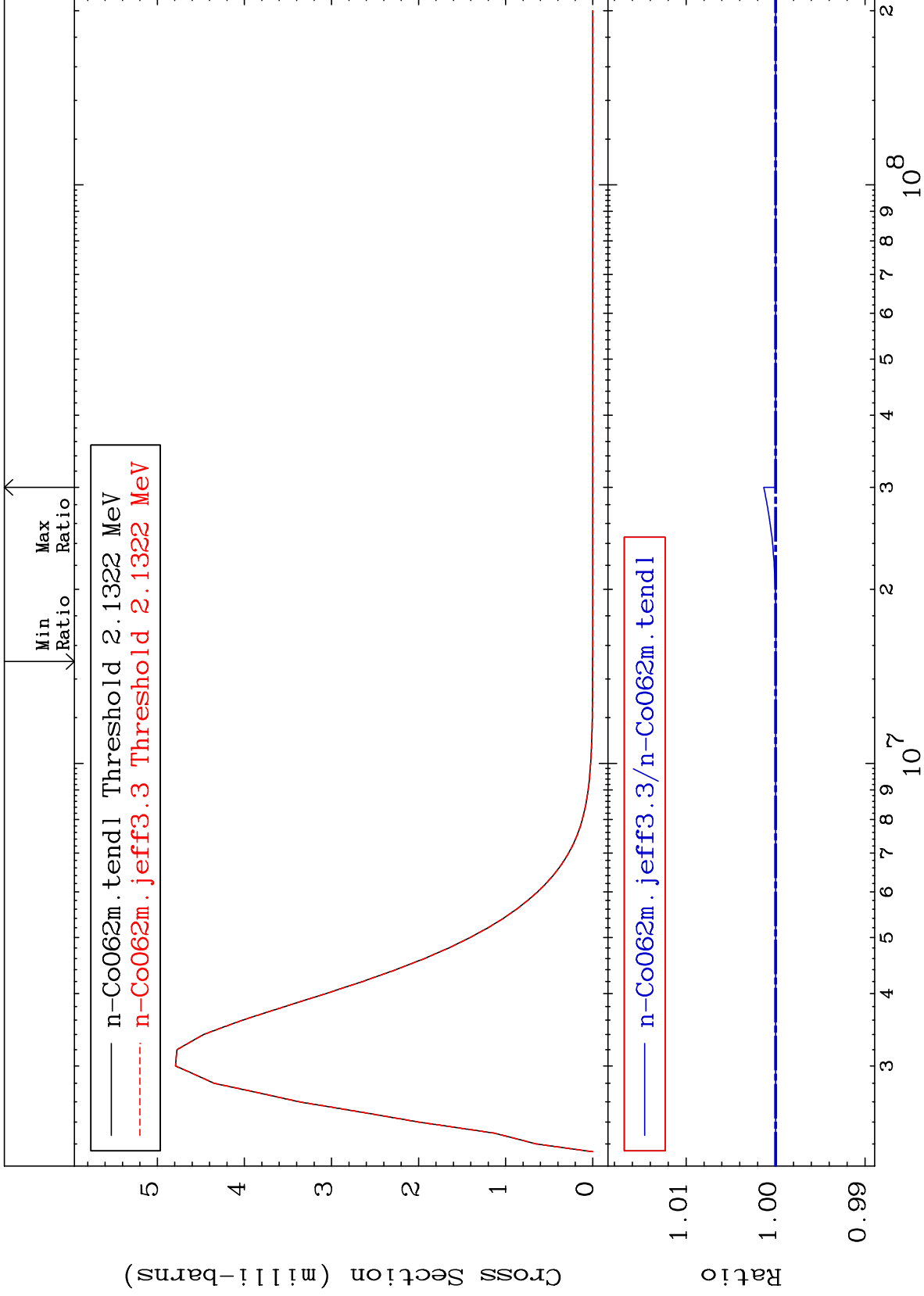


MAT 2735

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

27-Co-62  
-0.004 To 0.137 %

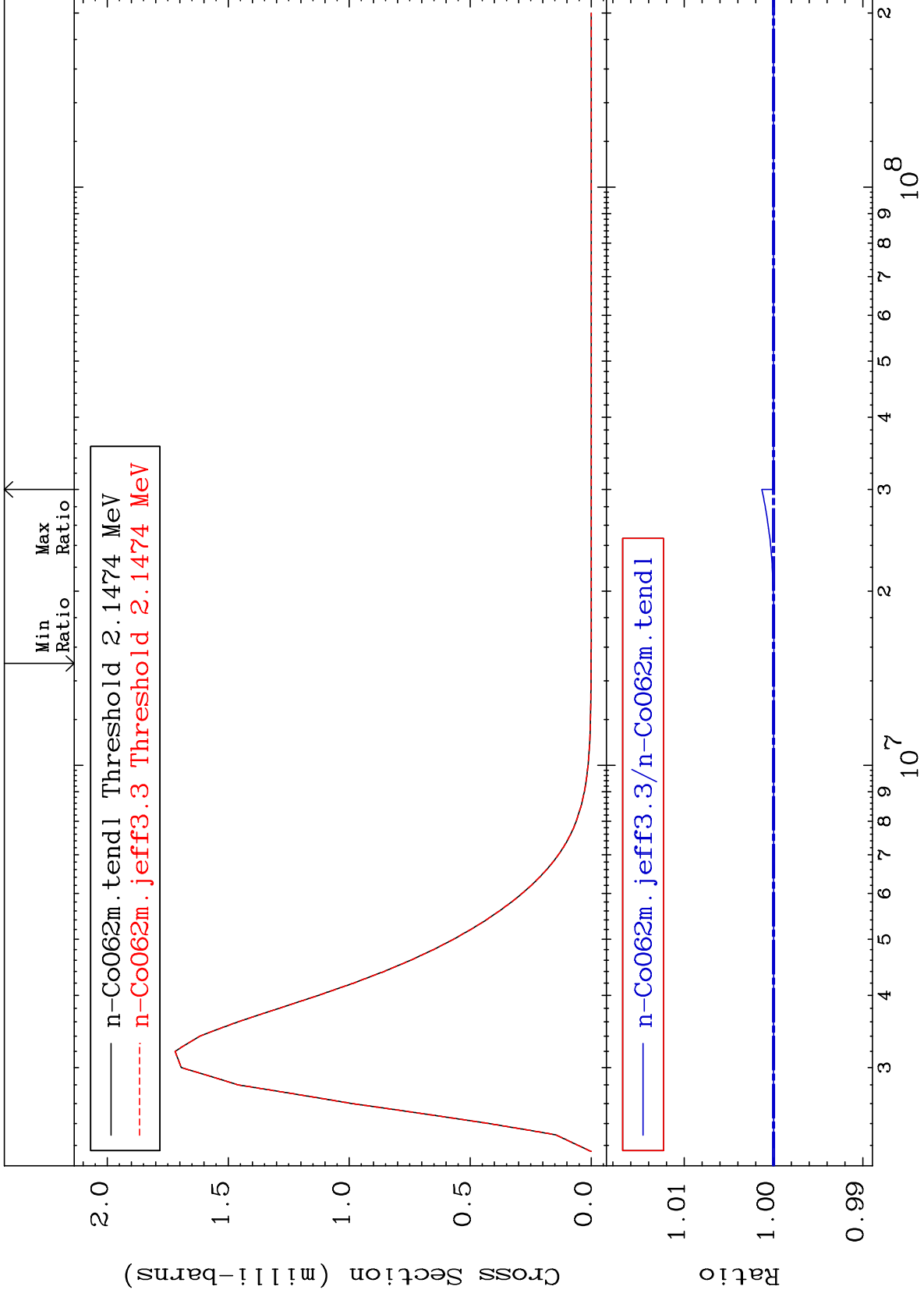




MAT 2735

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

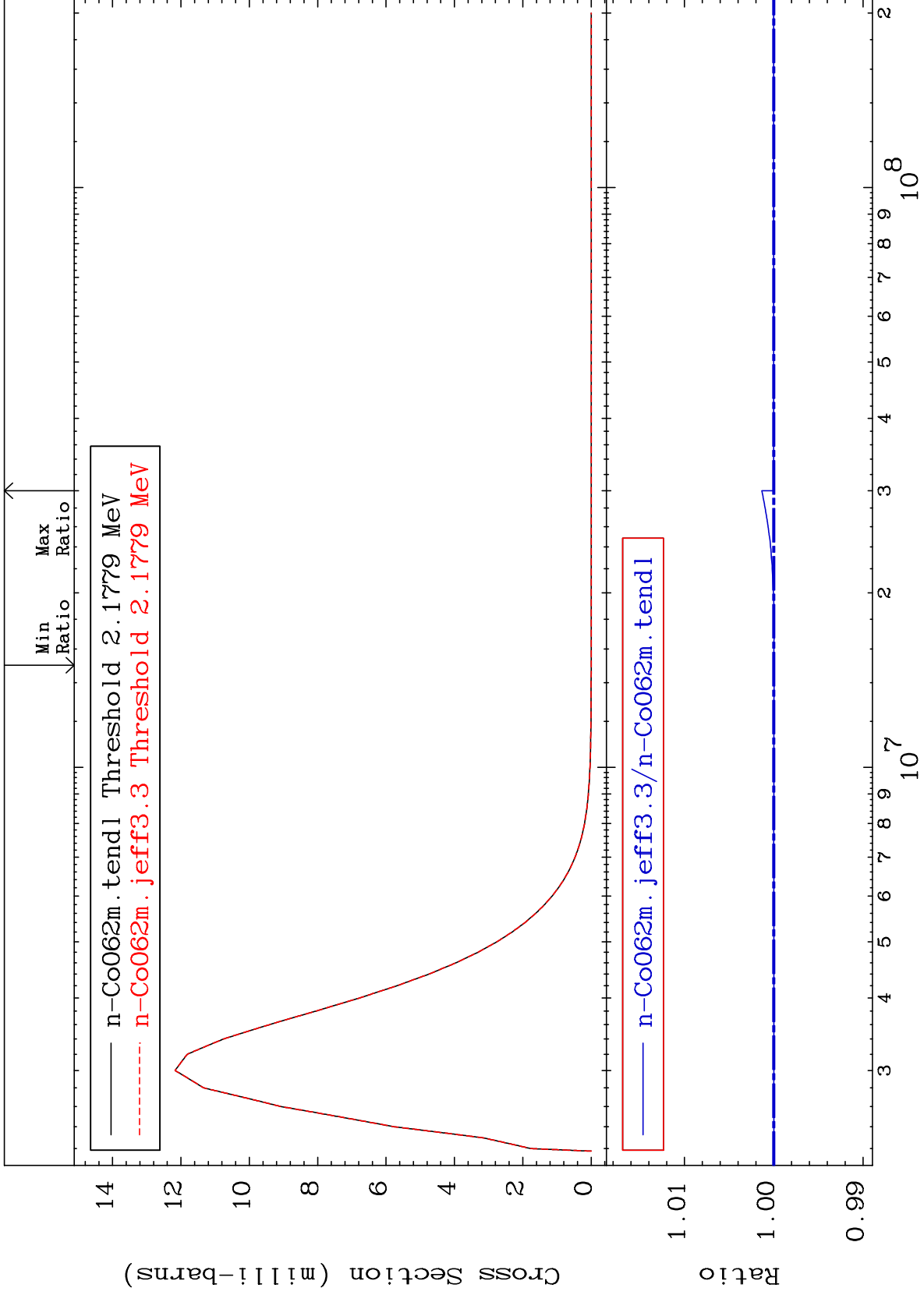
27-Co-62  
-0.006 To 0.131 %



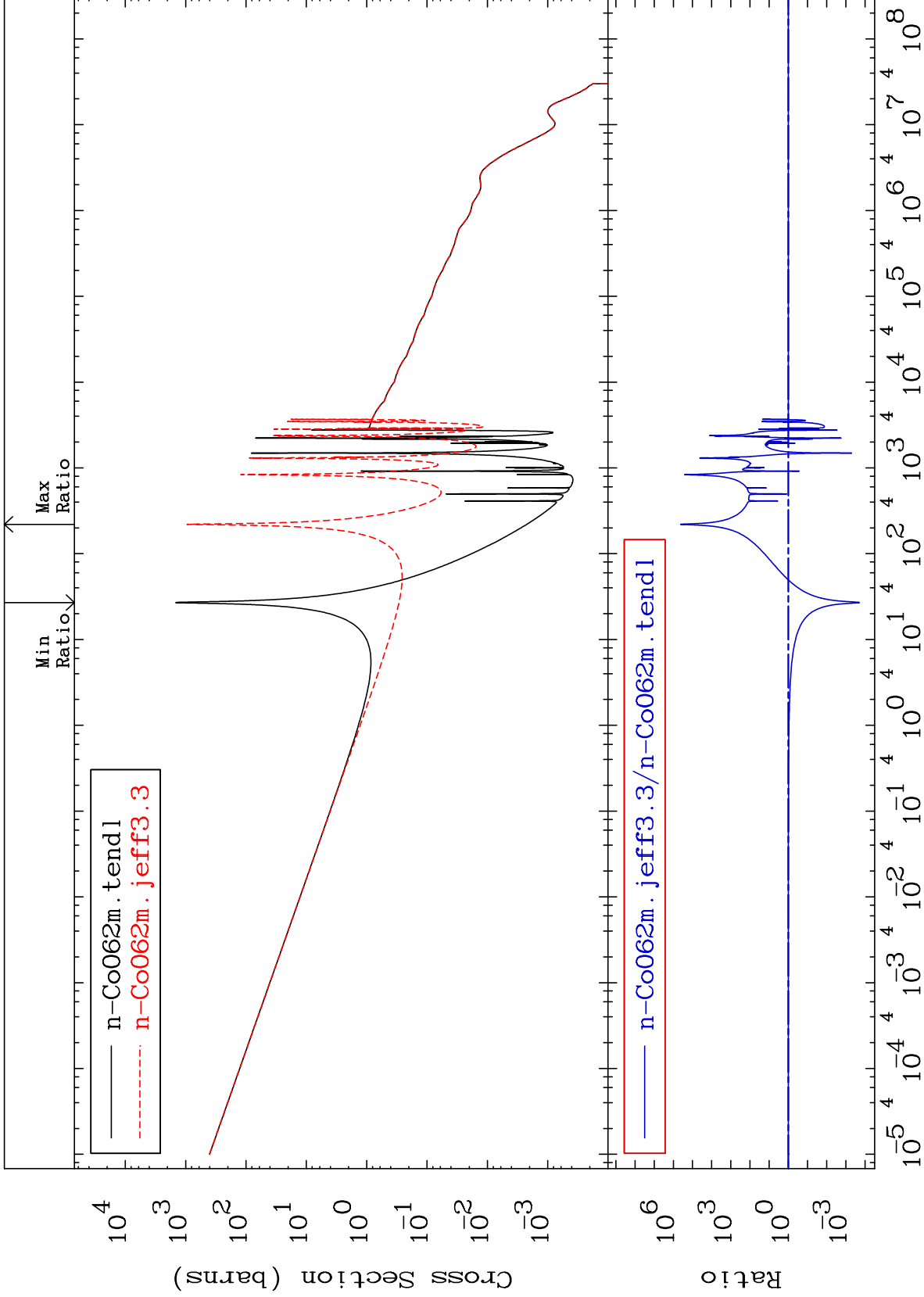
MAT 2735

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

27-Co-62  
-0.005 To 0.134 %







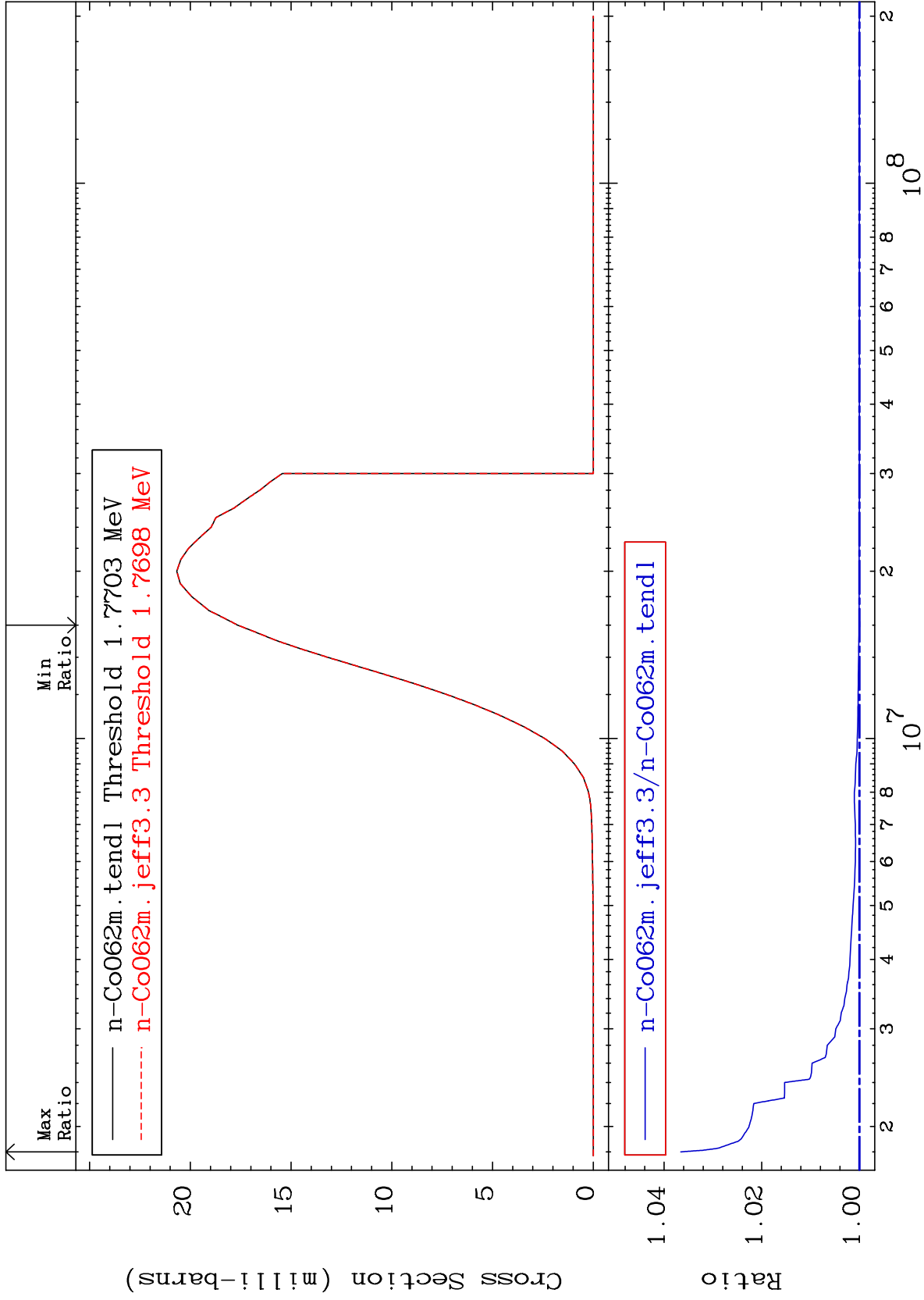
MAT 2735

(n,p)

27-Co-62

Cross Section

-0.002 To 3.660 %



50

Incident Energy (eV)

27-Co-62

MAT 2735

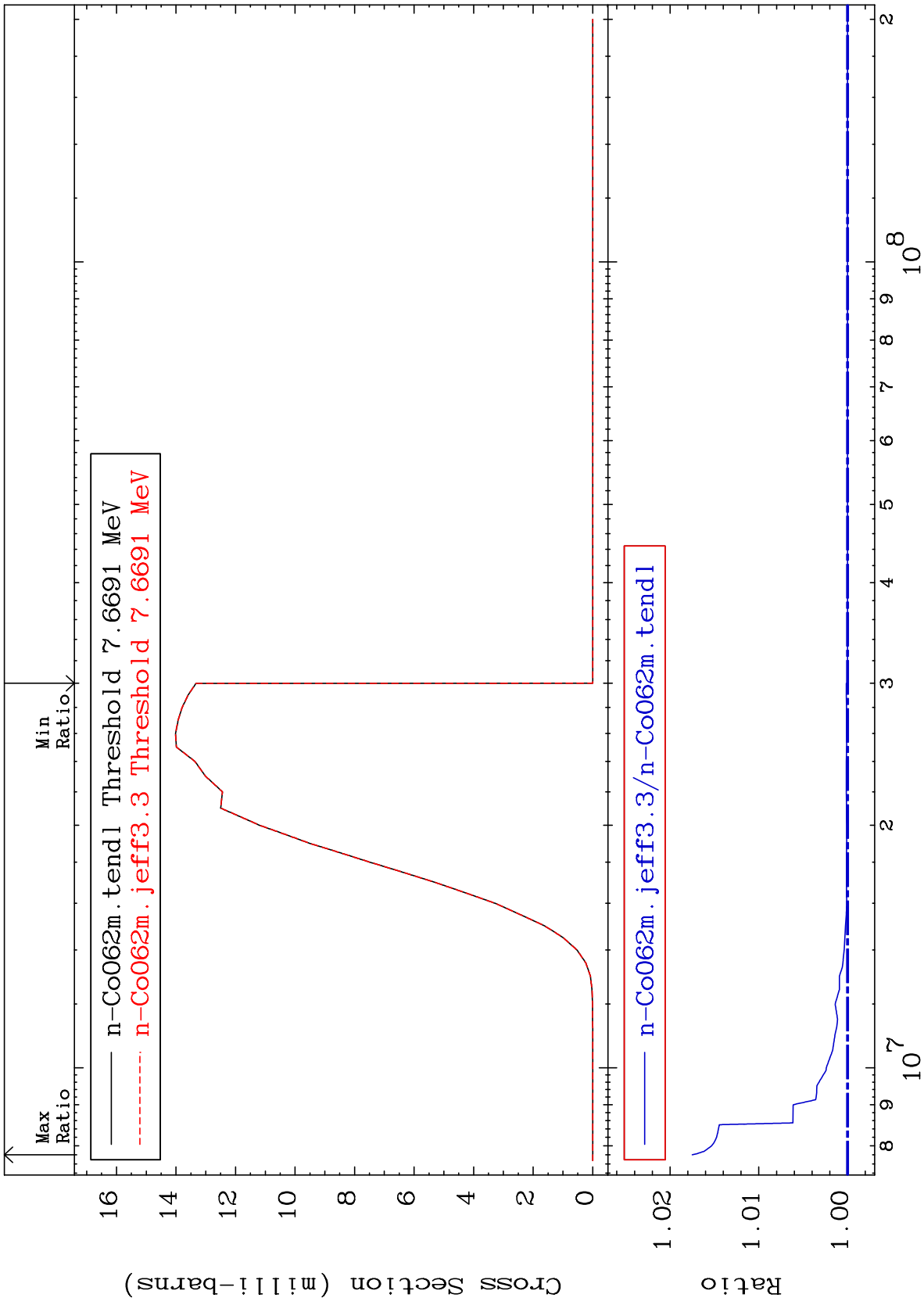
(n, d)

<sup>27</sup>Co-62

Cross Section

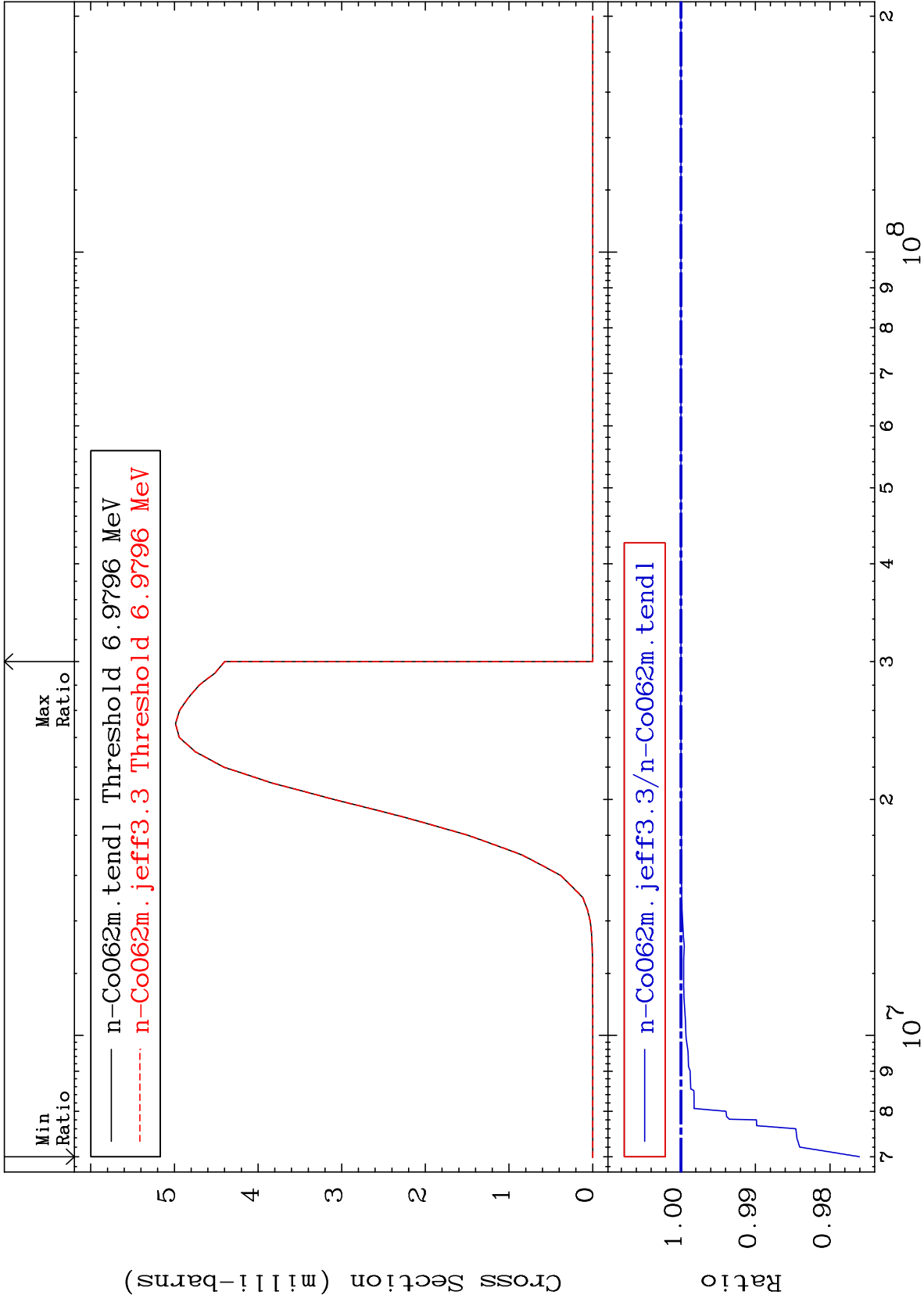
0.000

To 1.750 %



MAT 2735

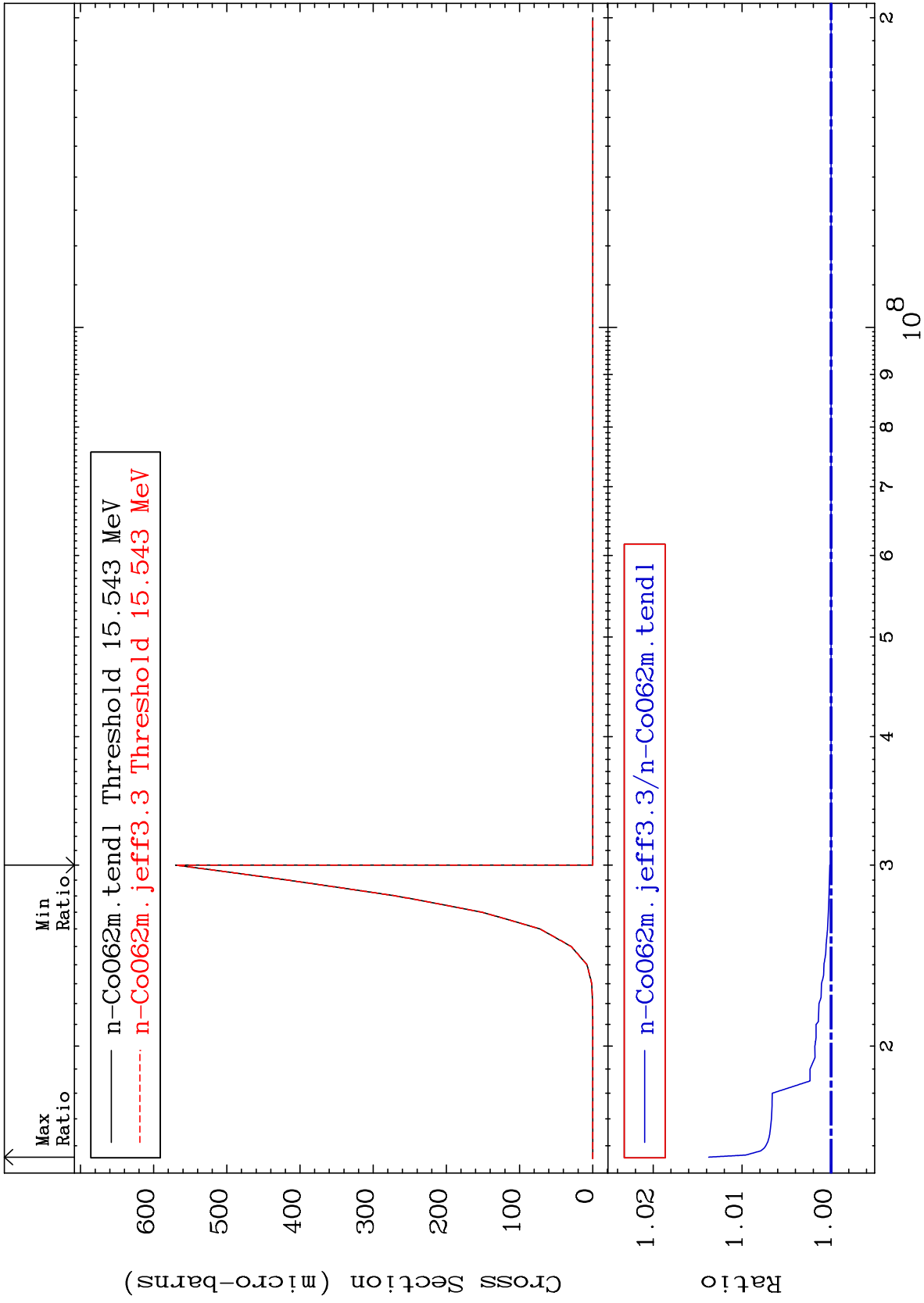
(n, t)  
Cross Section  
27-Co-62  
-2.395 To 0.008 %



Cross Section

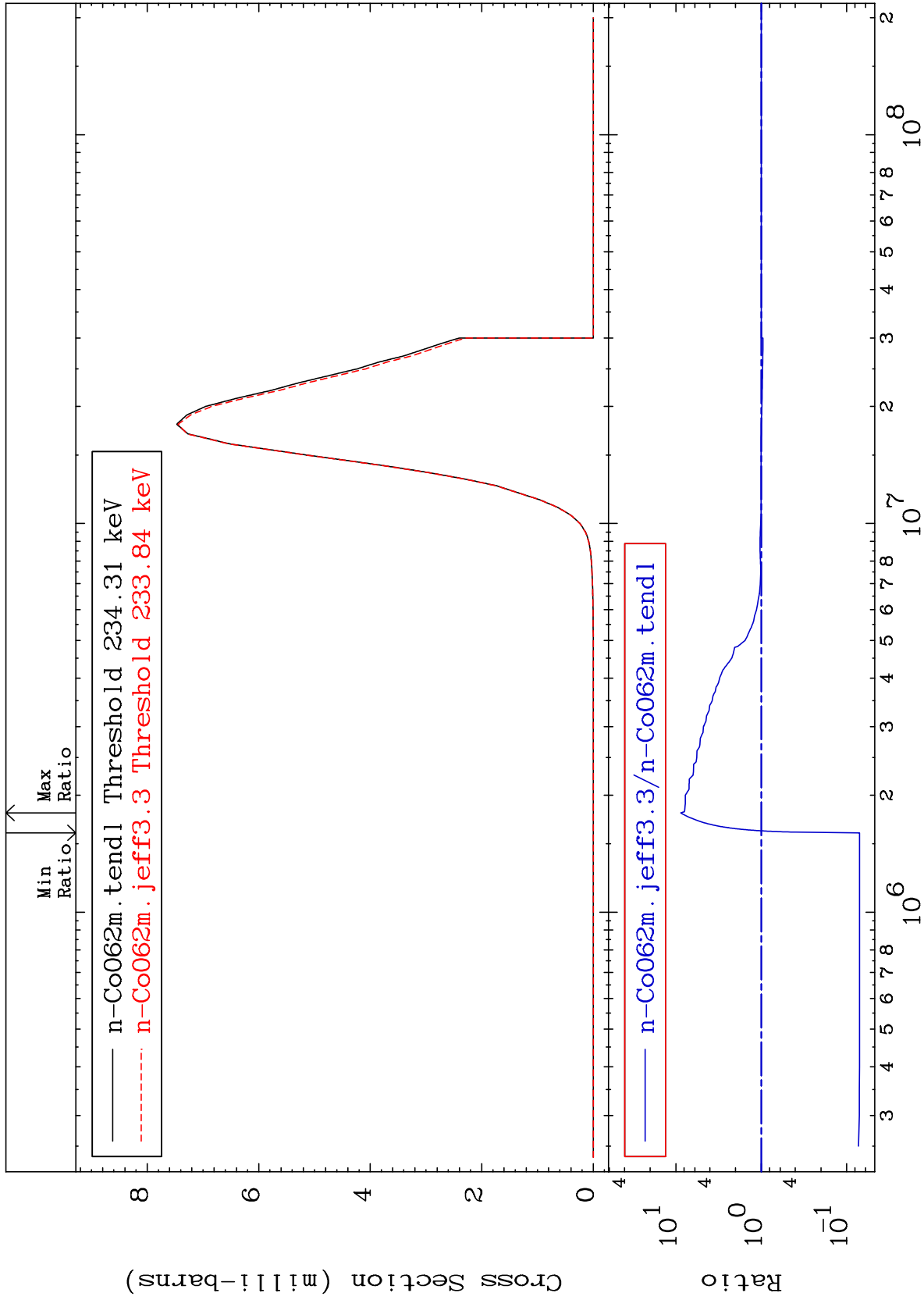
0.000

To 1.375 %



Cross Section

-92.93 To 775.6 %



MAT 2735

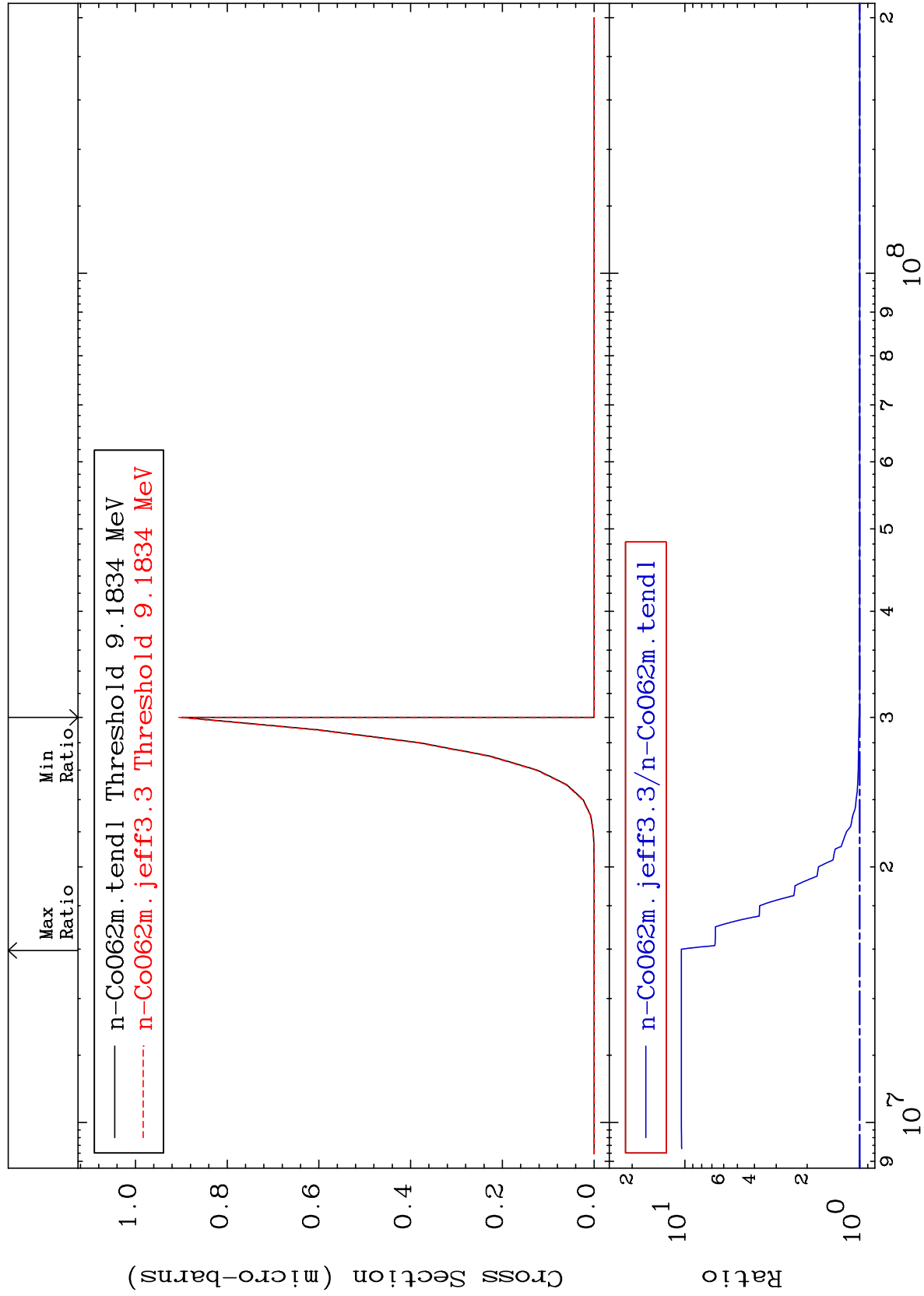
(n,2α)

<sup>27</sup>Co-62

Cross Section

0.000 To

946.6 %



55

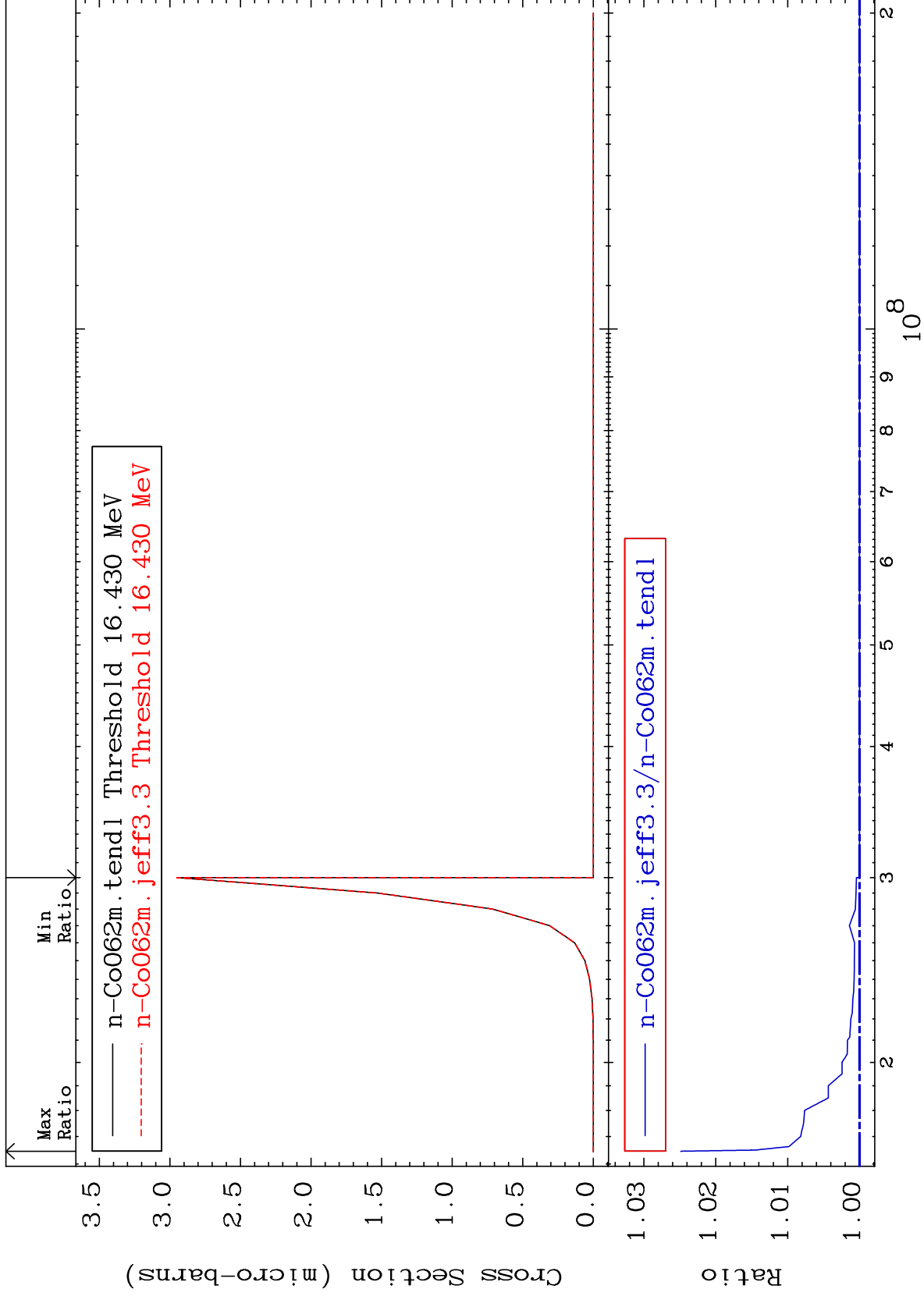
Incident Energy (eV)

<sup>27</sup>Co-62

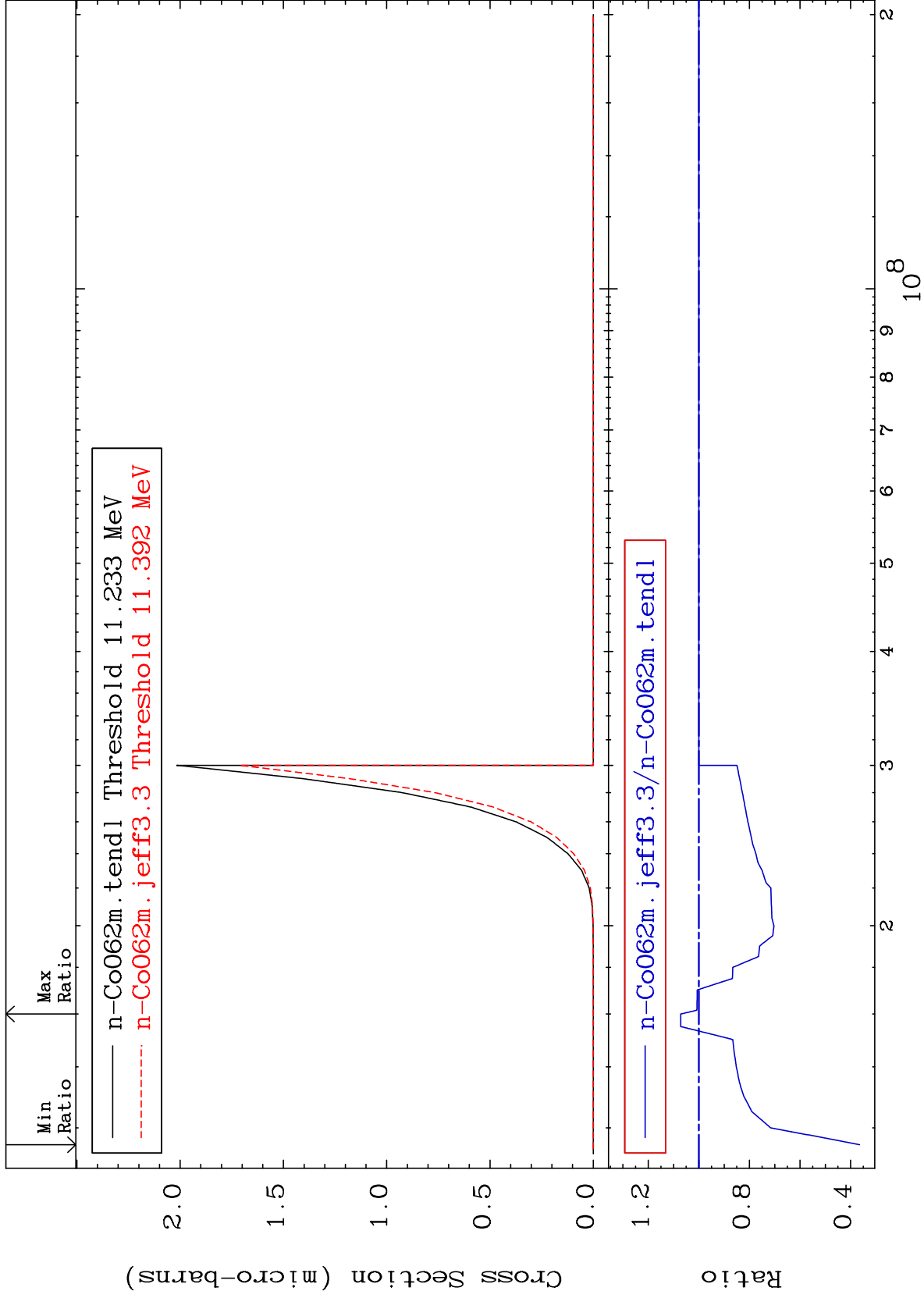
MAT 2735

(n,2p)  
Cross Section

27-Co-62  
To 2.487 %



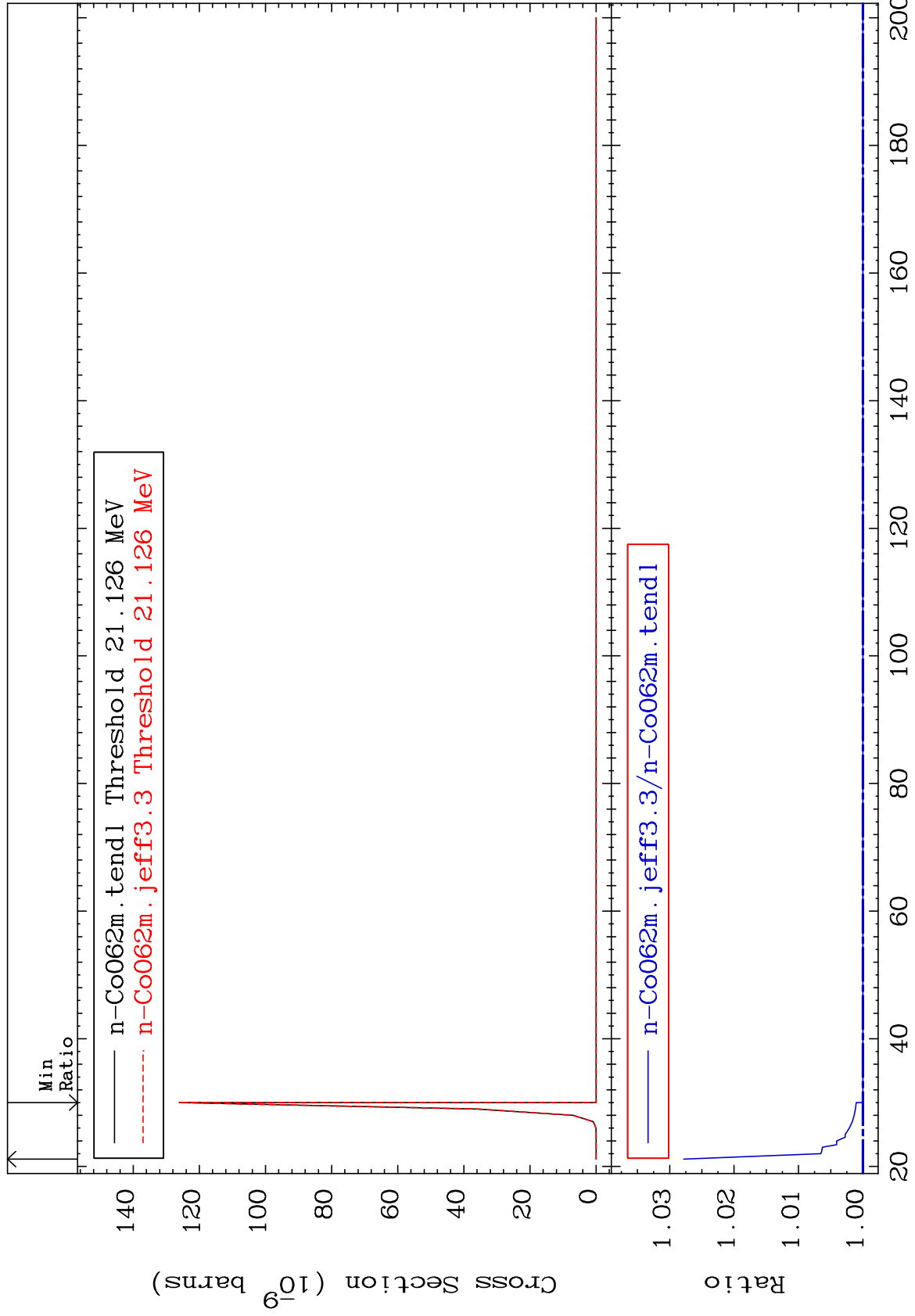




MAT 2735

(n,p) d  
Cross Section

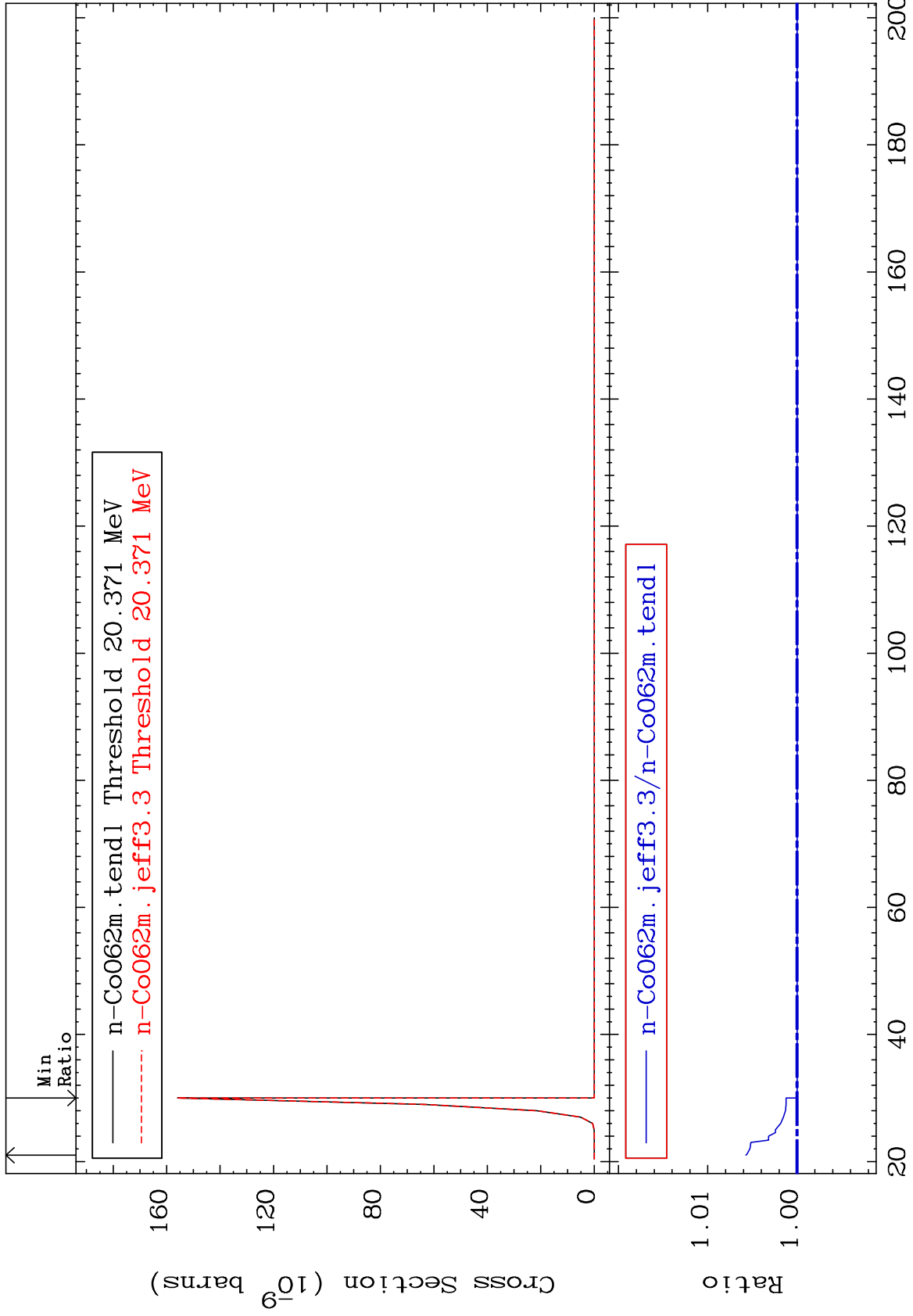
27-Co-62  
0.000 To 2.781 %



MAT 2735

(n,p) t  
Cross Section

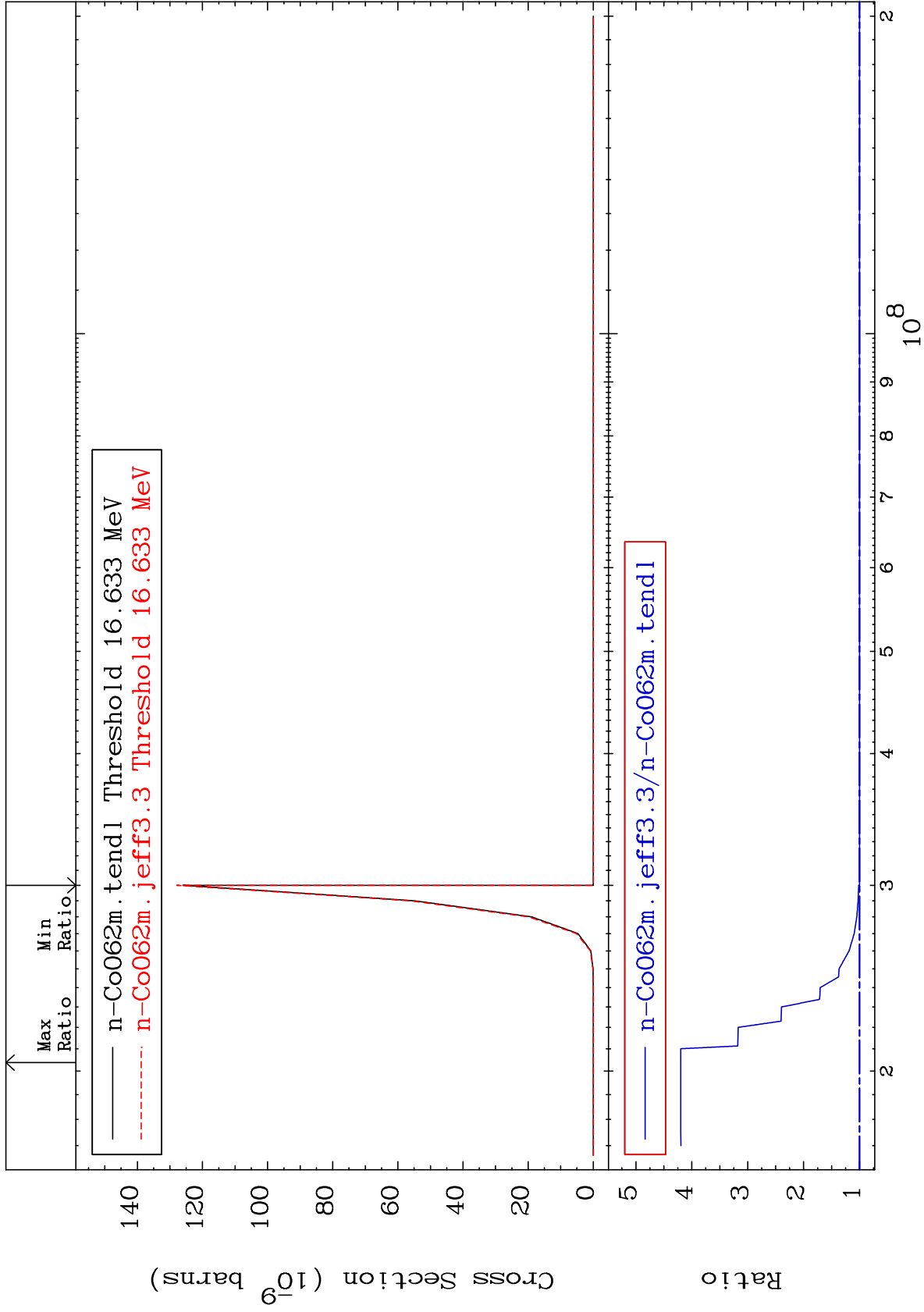
27-Co-62  
0.000 To 0.574 %



MAT 2735

(n, d)  $\alpha$   
Cross Section

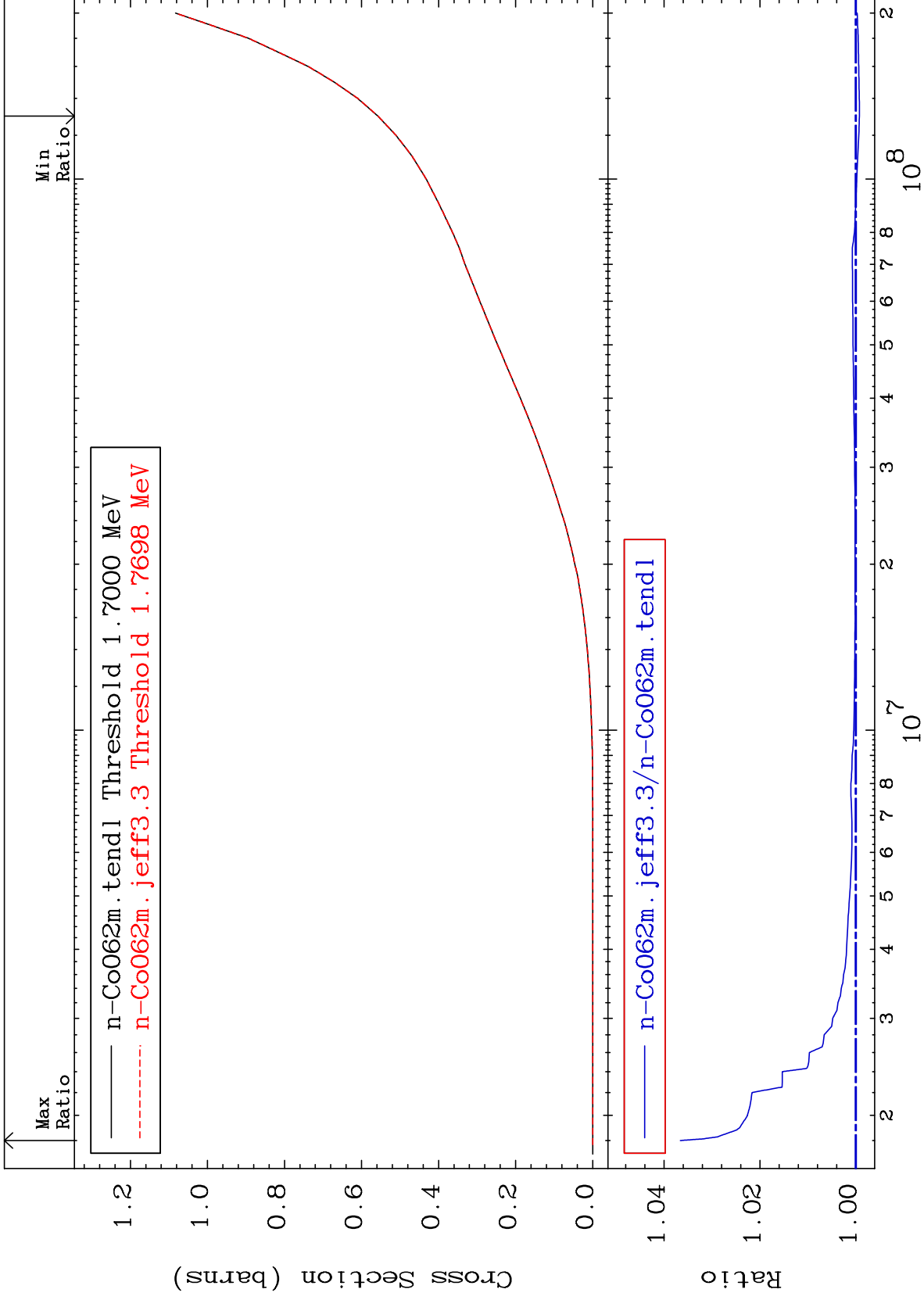
27-Co-62  
To 319.7 %  
0.000



60

Incident Energy (eV)

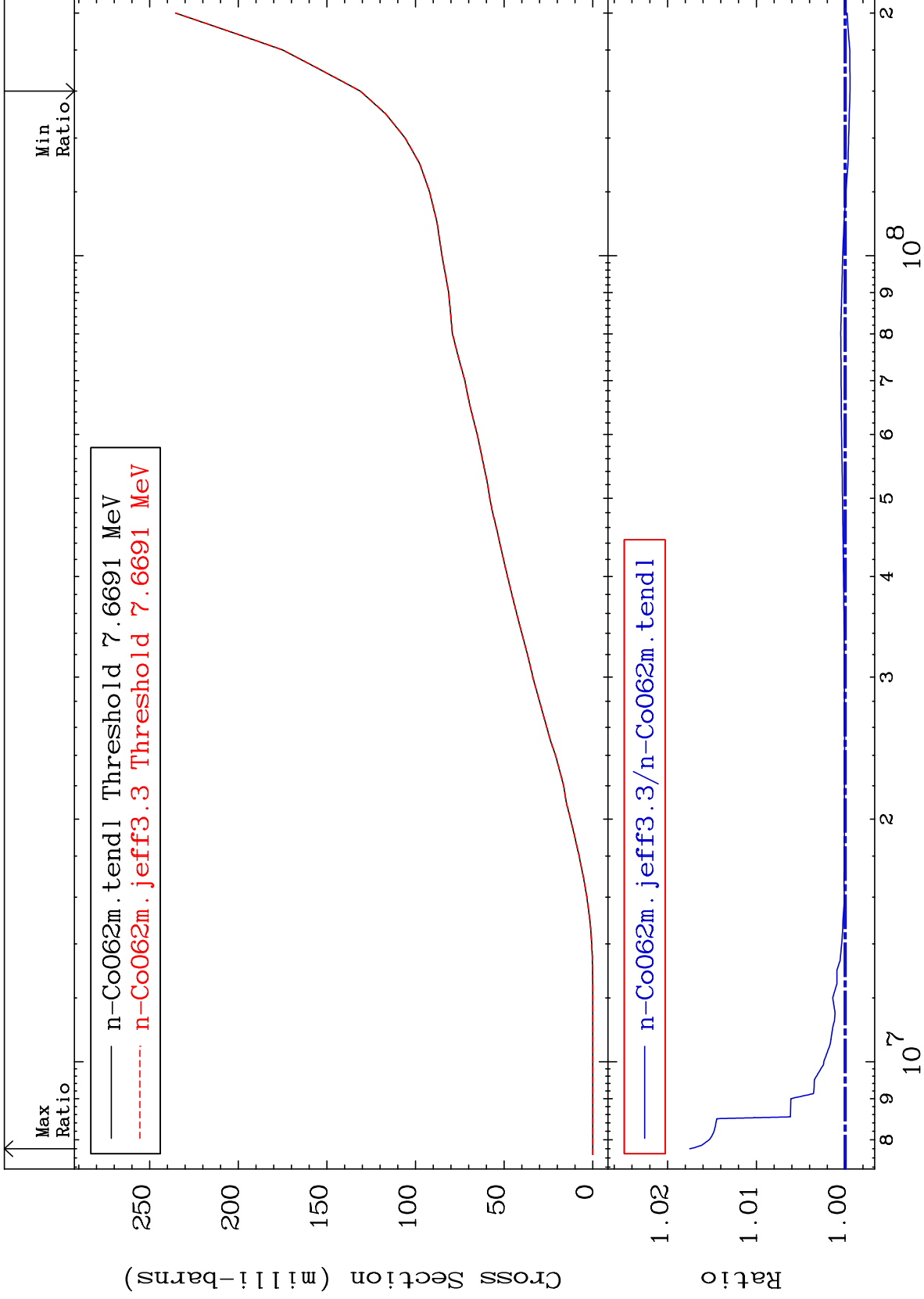
27-Co-62



MAT 2735

Deuterium Production  
Cross Section

<sup>27</sup>Co-62  
-0.056 To 1.750 %



62

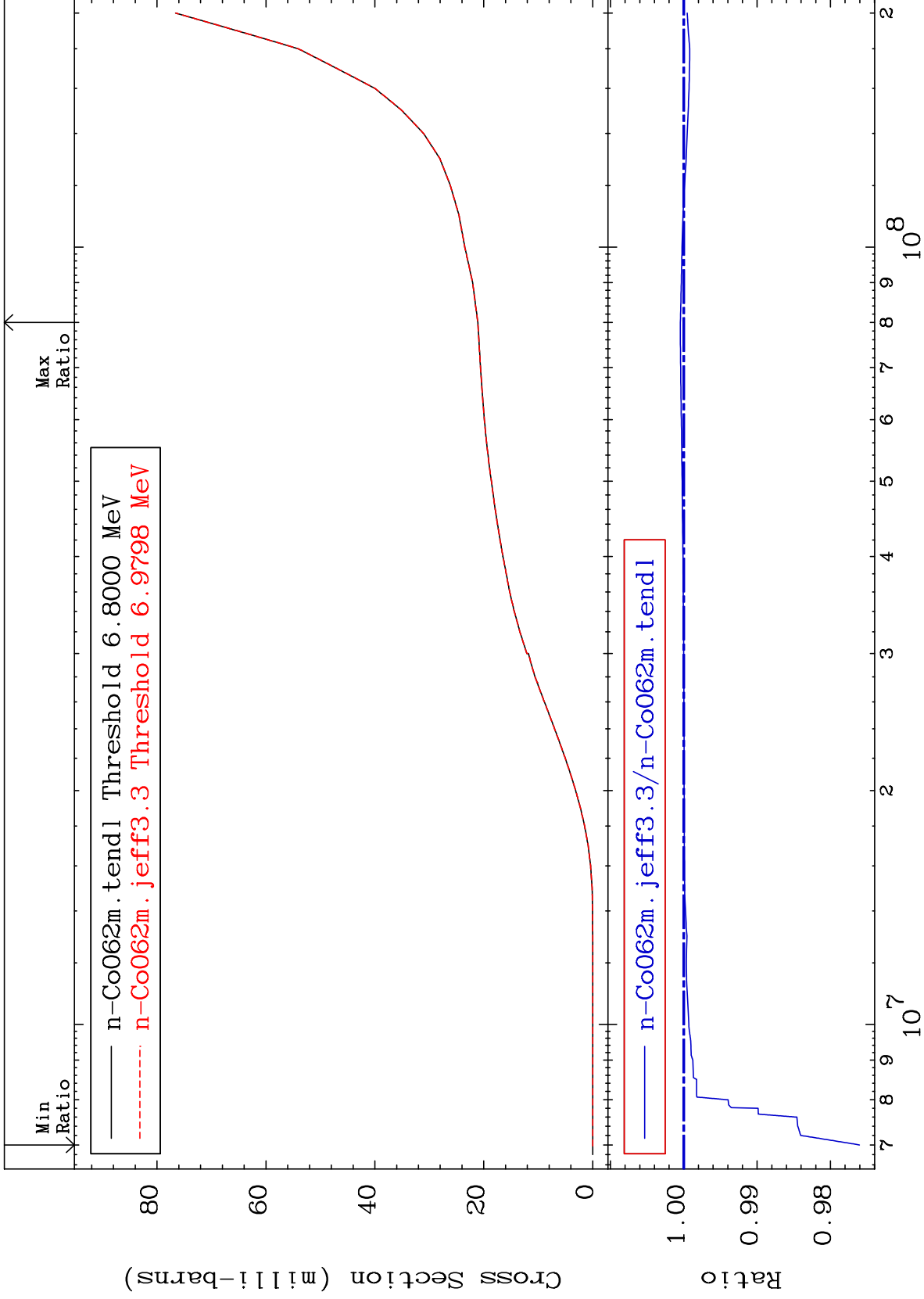
Incident Energy (eV)

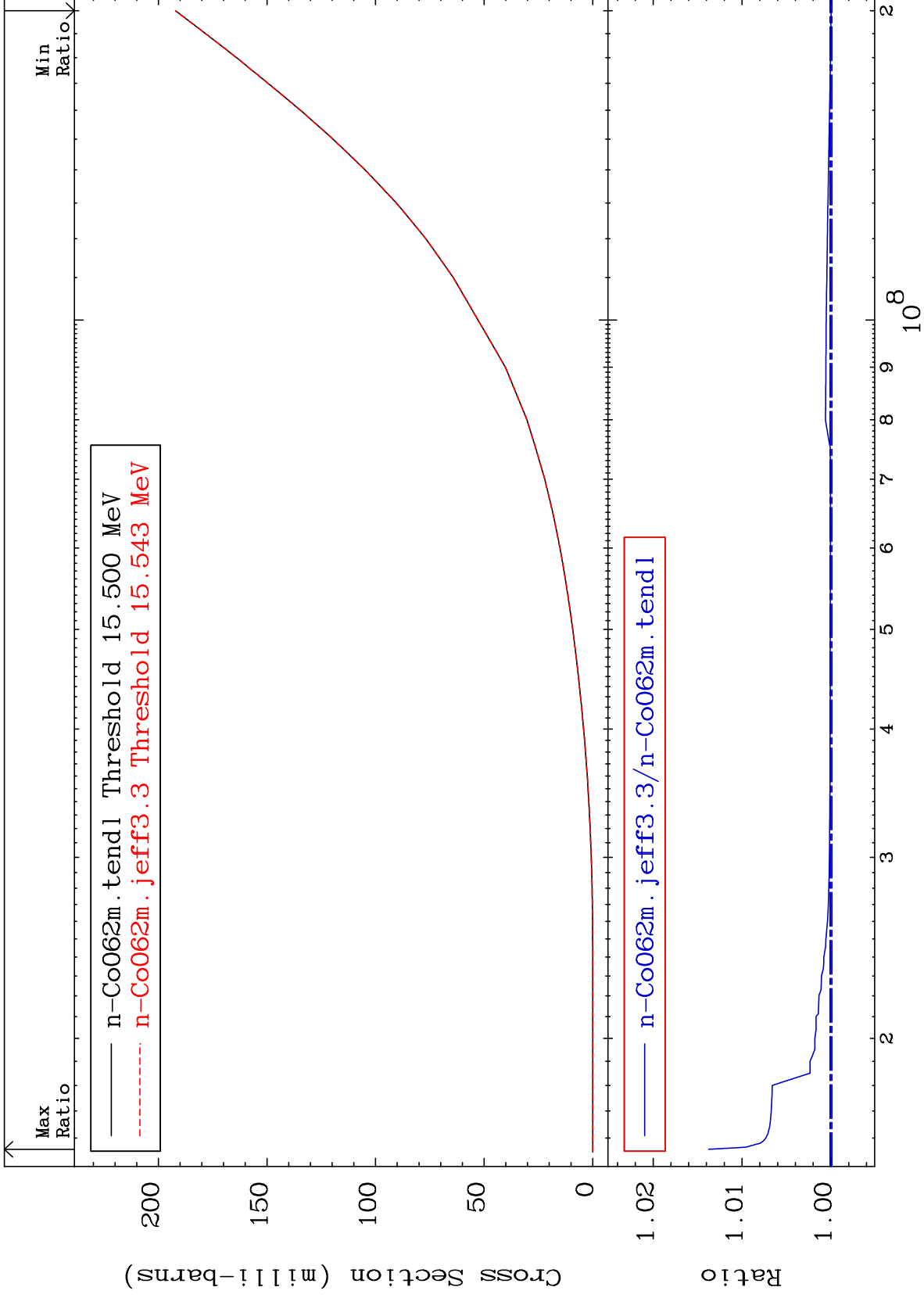
<sup>27</sup>Co-62

MAT 2735

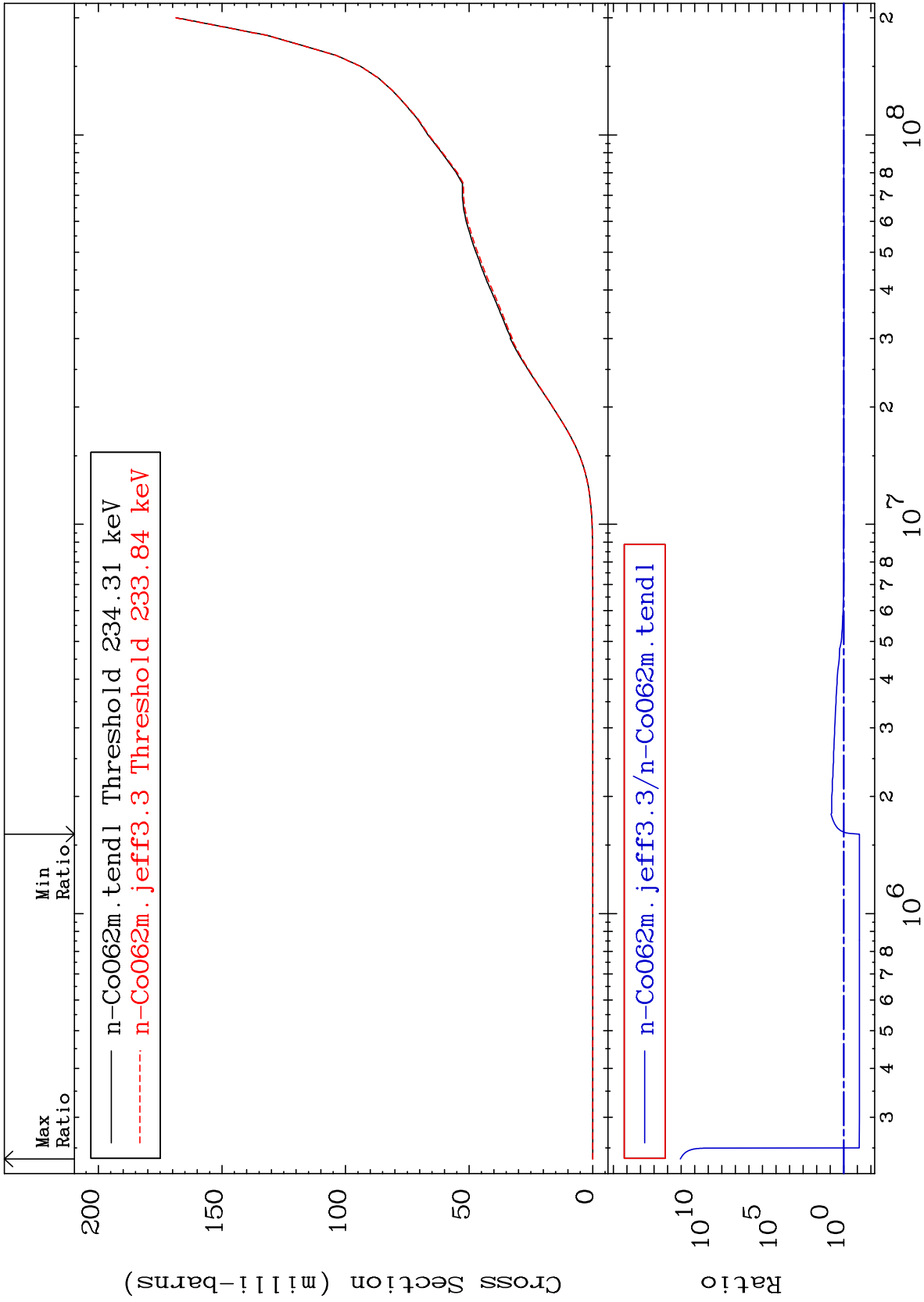
Tritium Production  
Cross Section

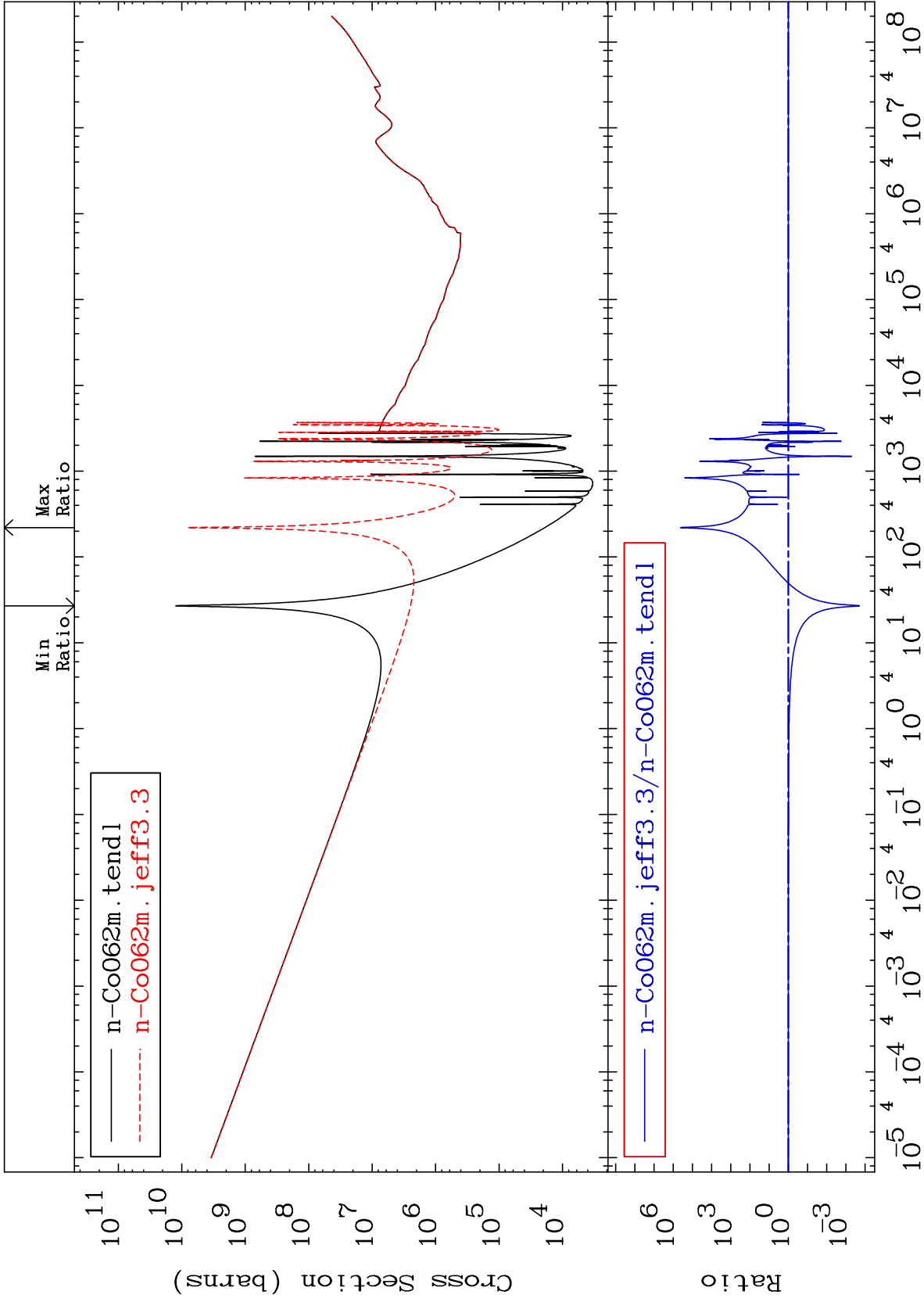
27-Co-62  
-2.395 To 0.047 %

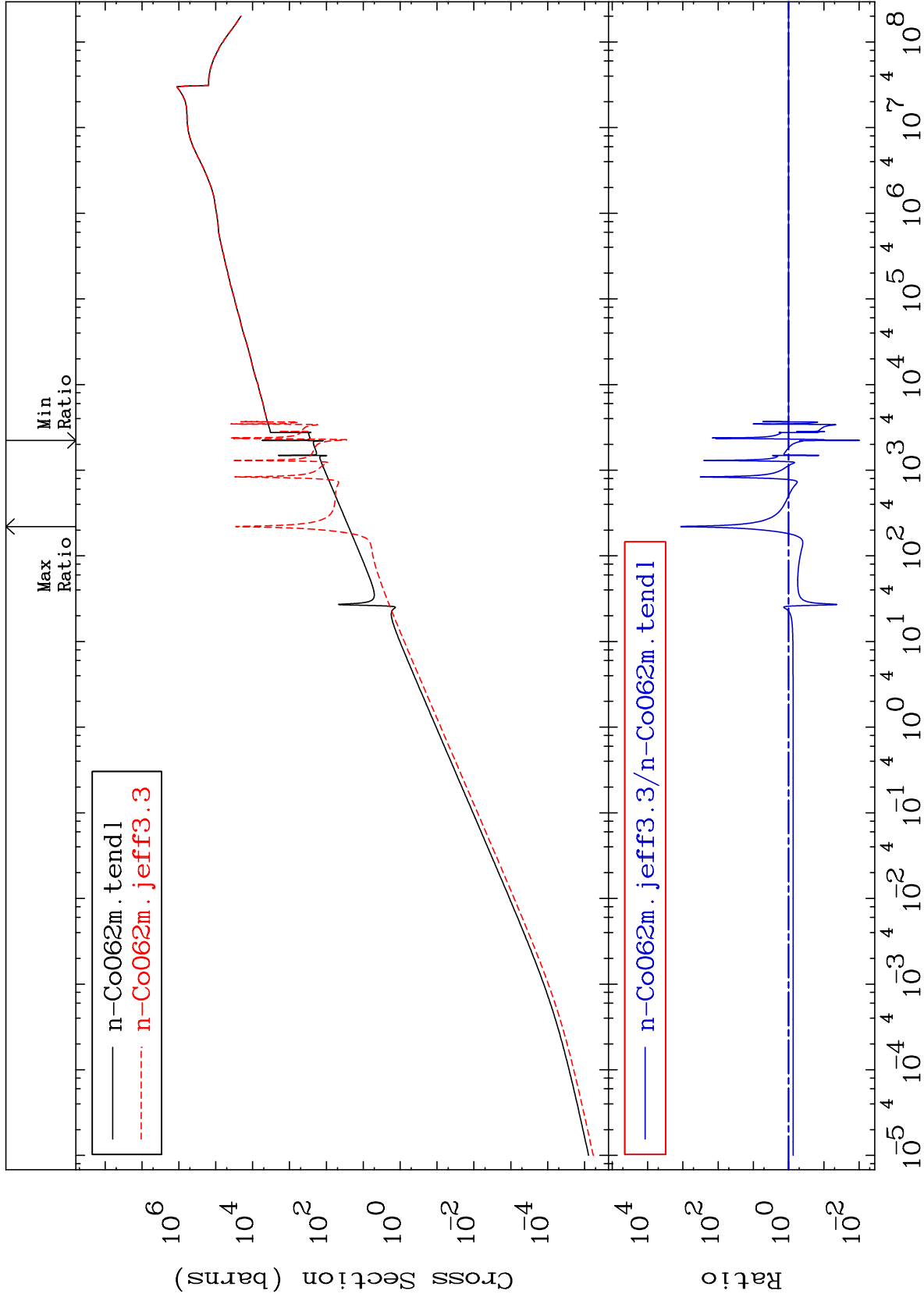




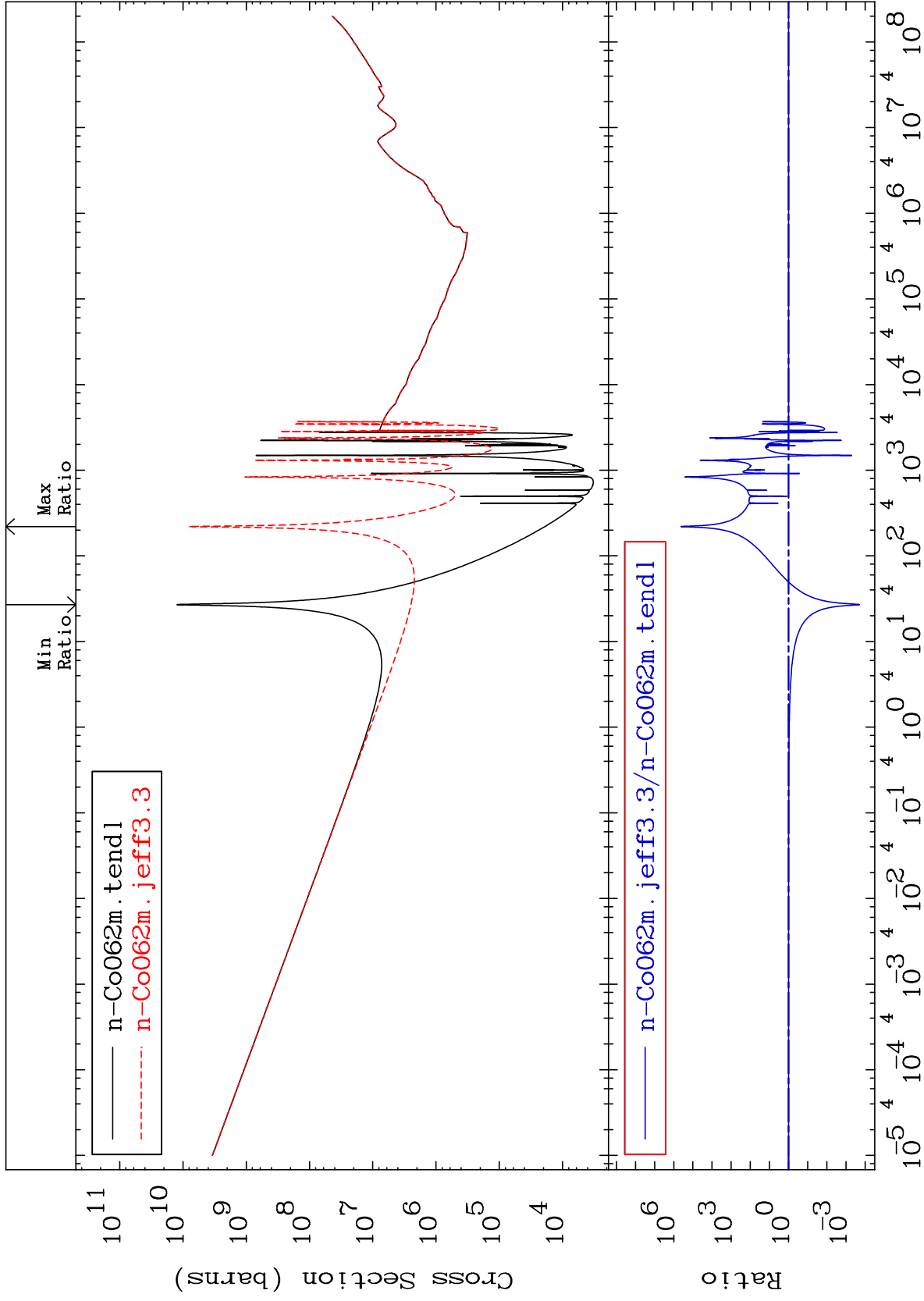


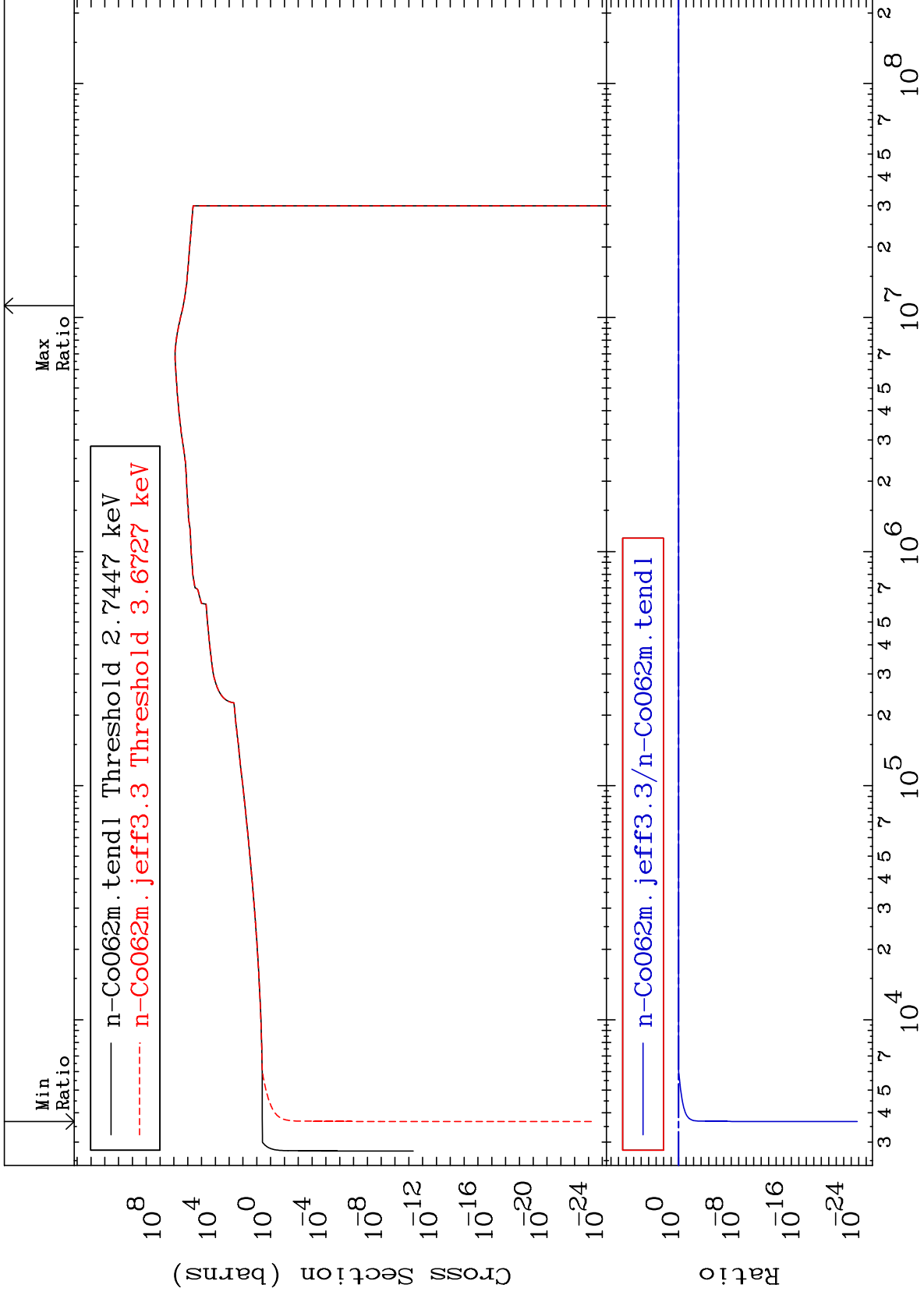


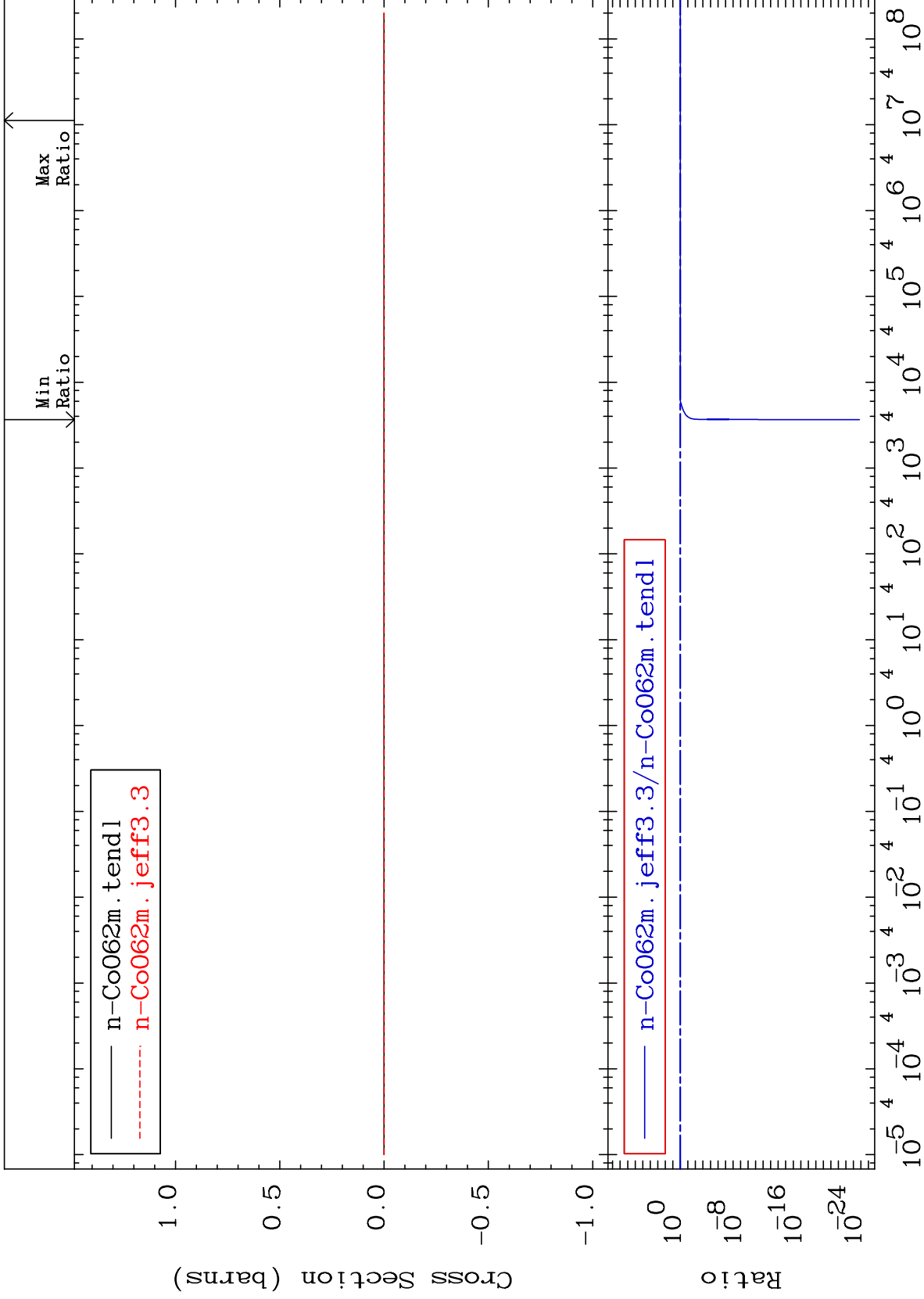


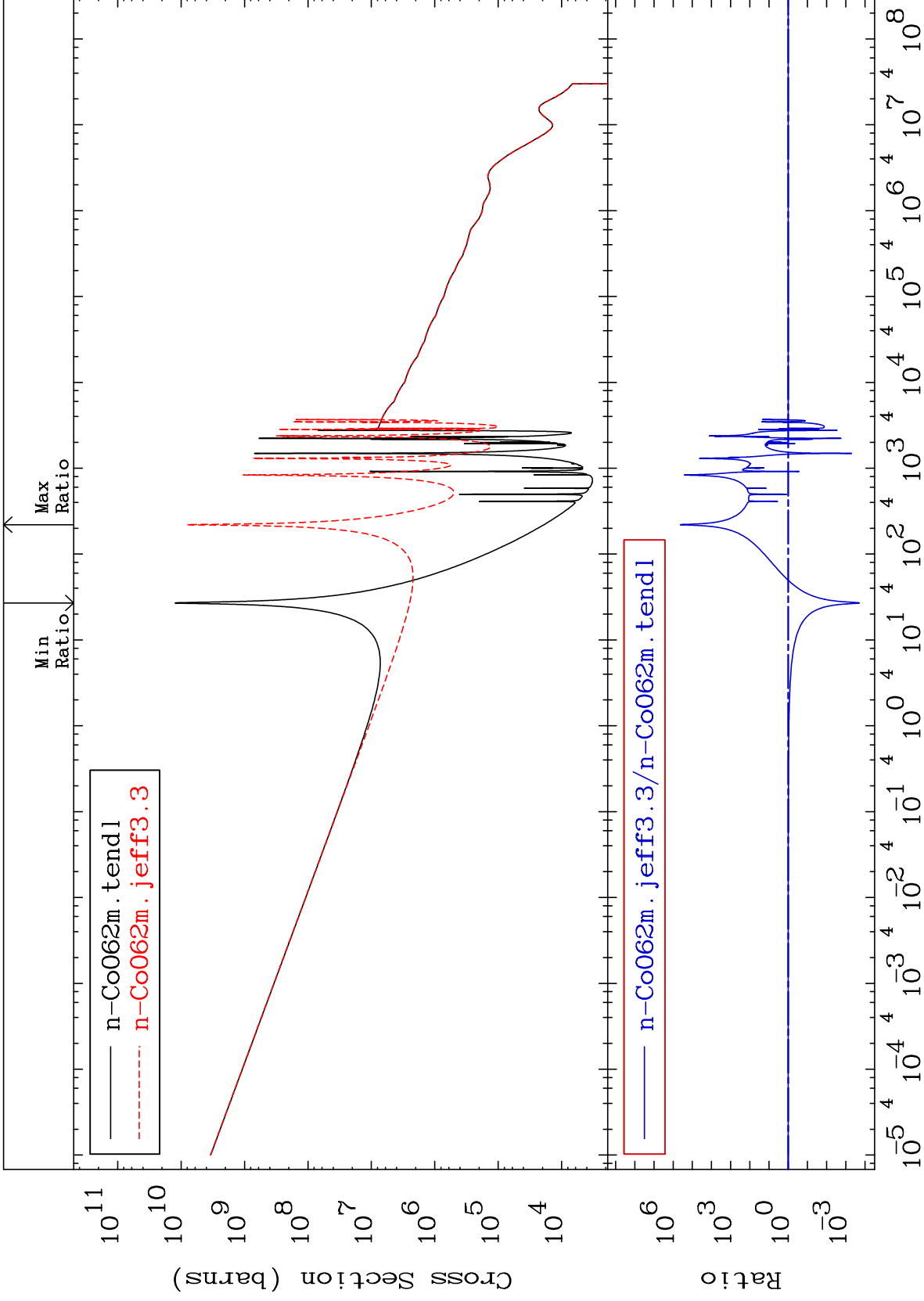


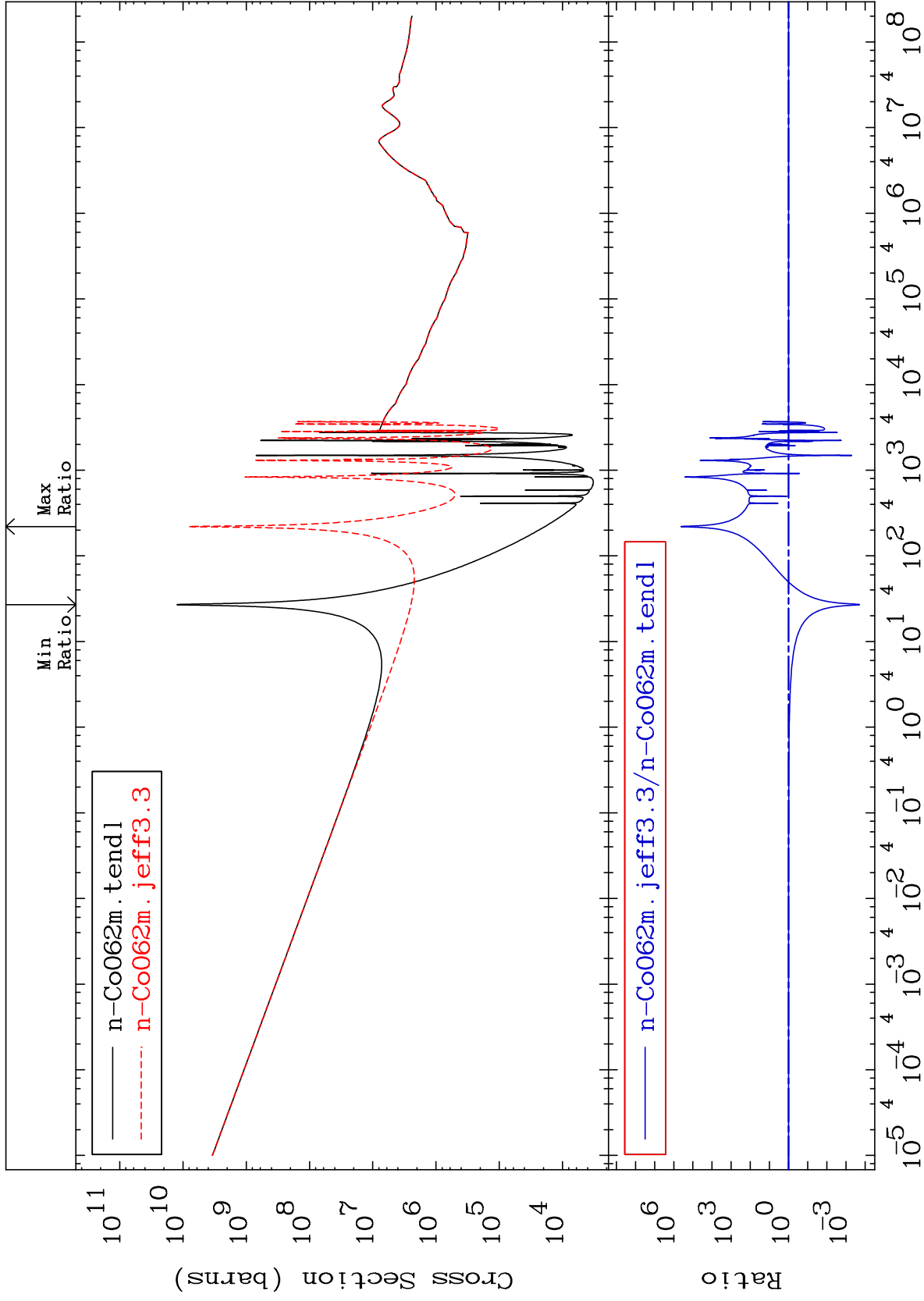
Cross Section



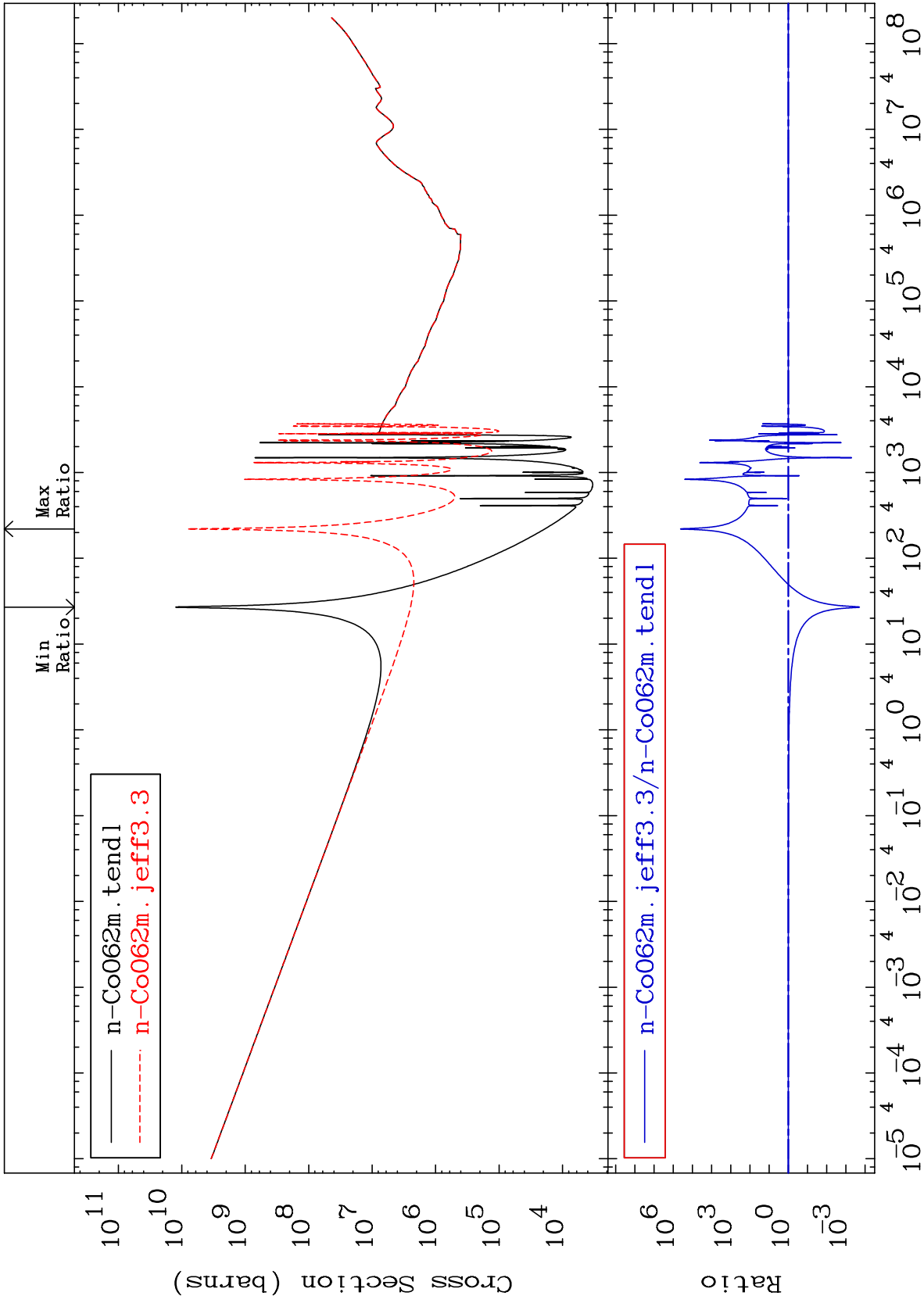


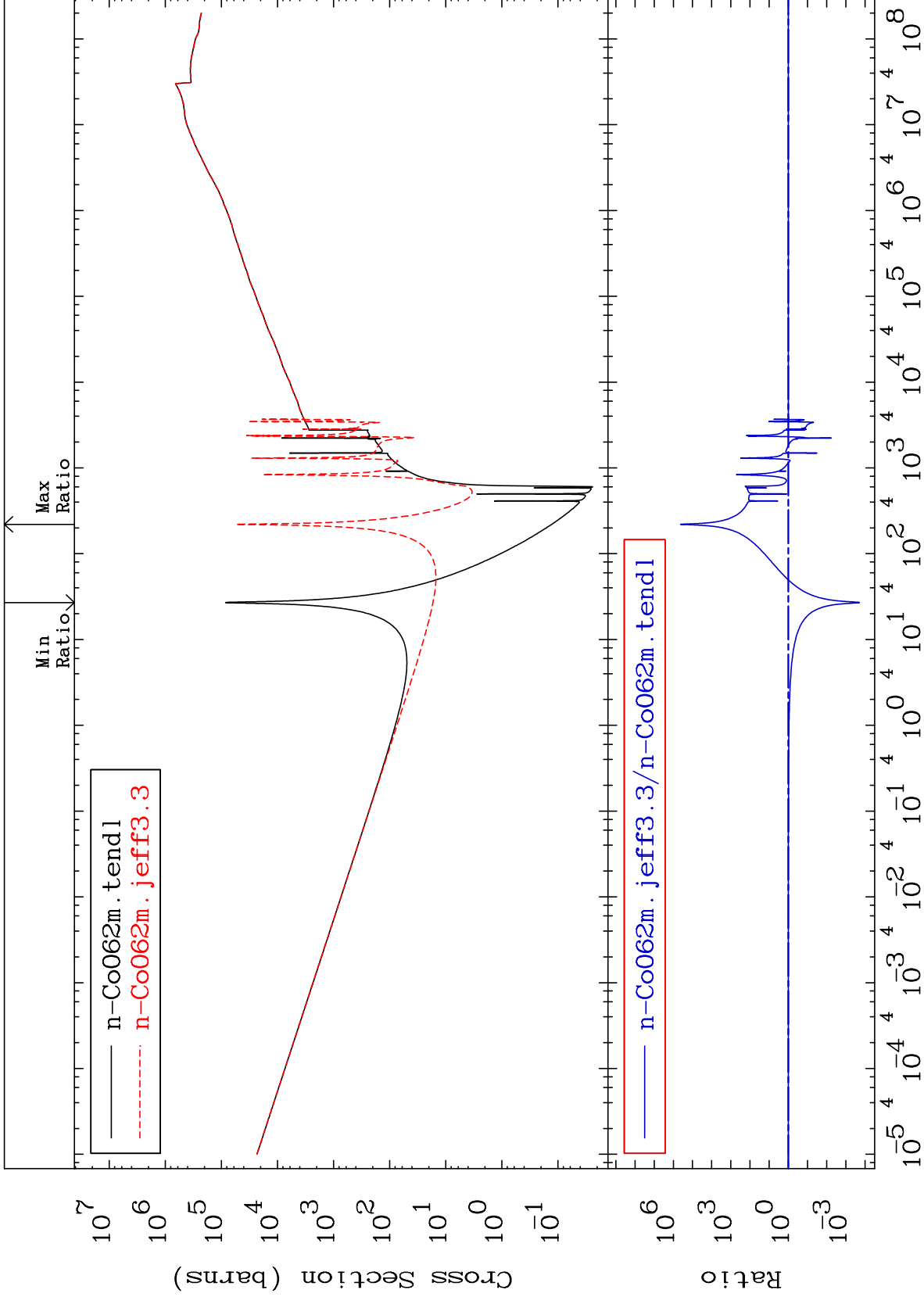


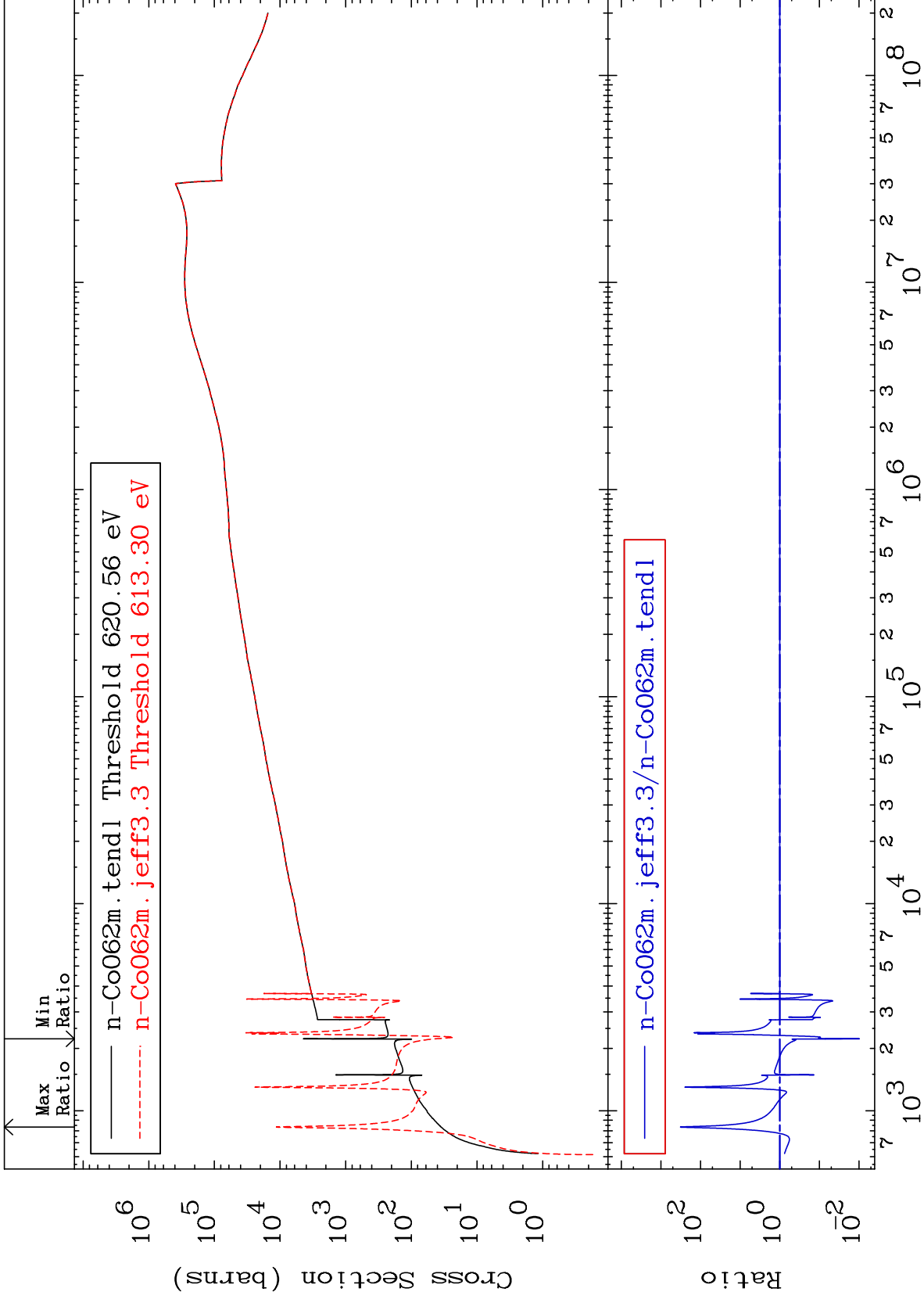


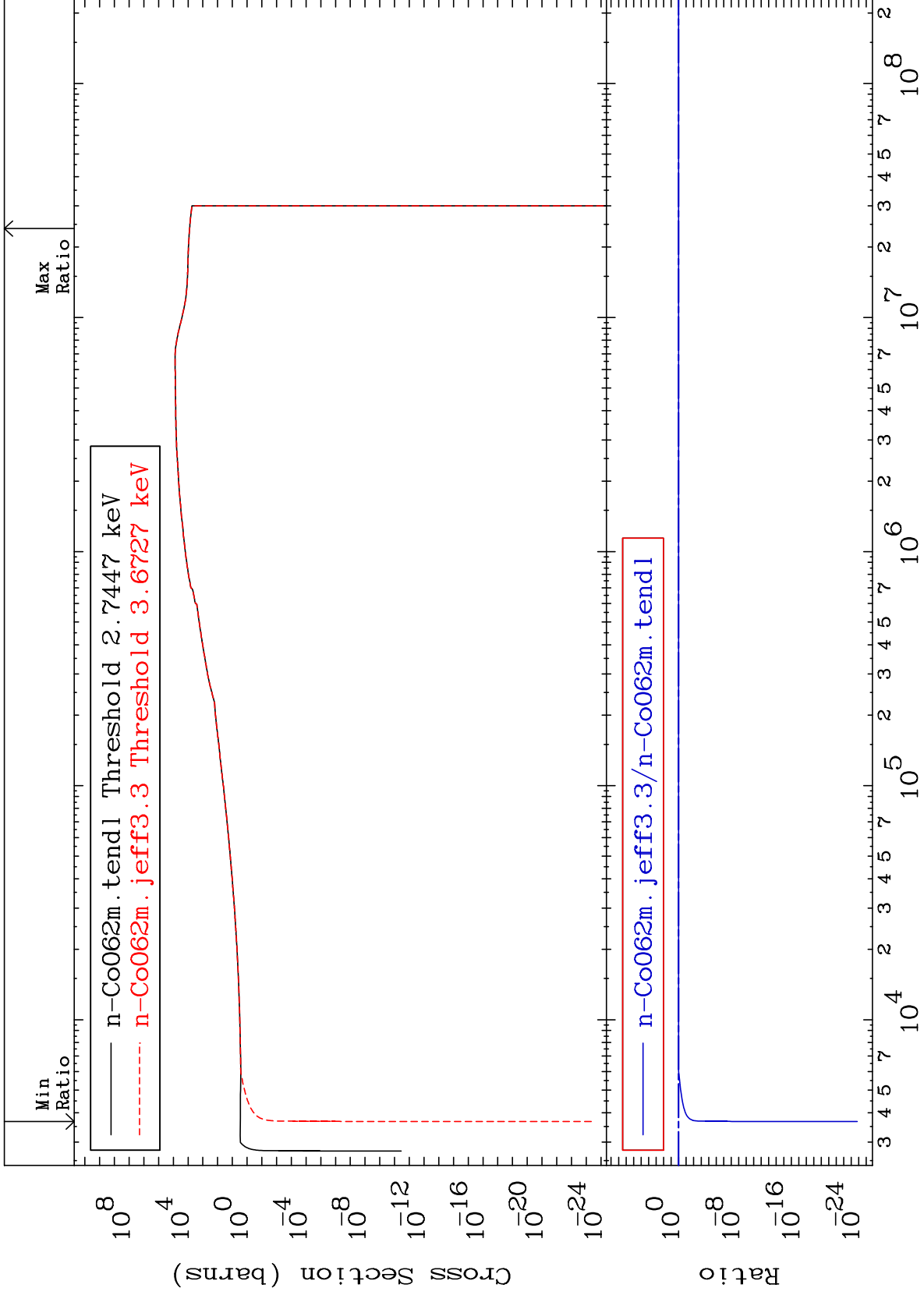


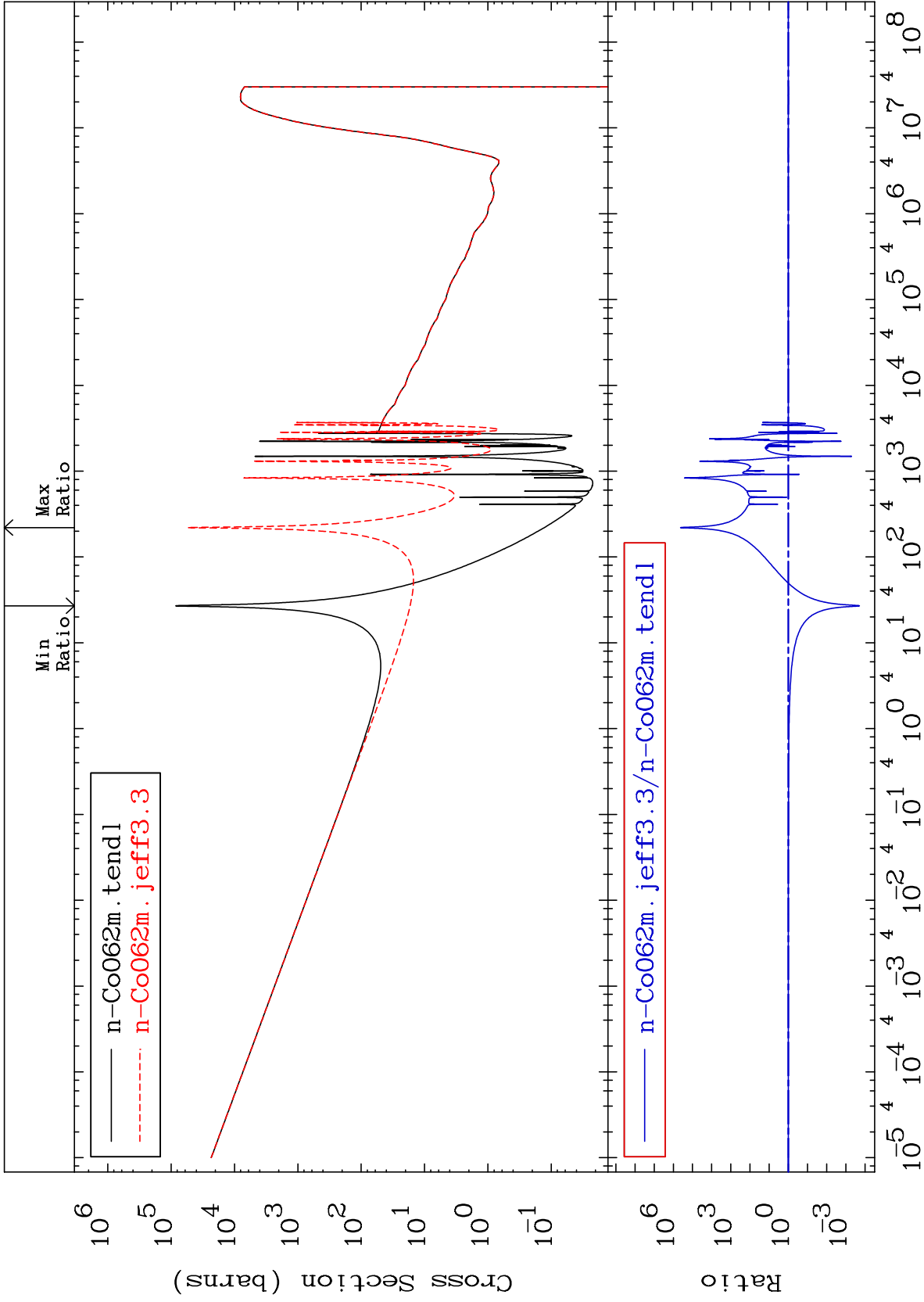




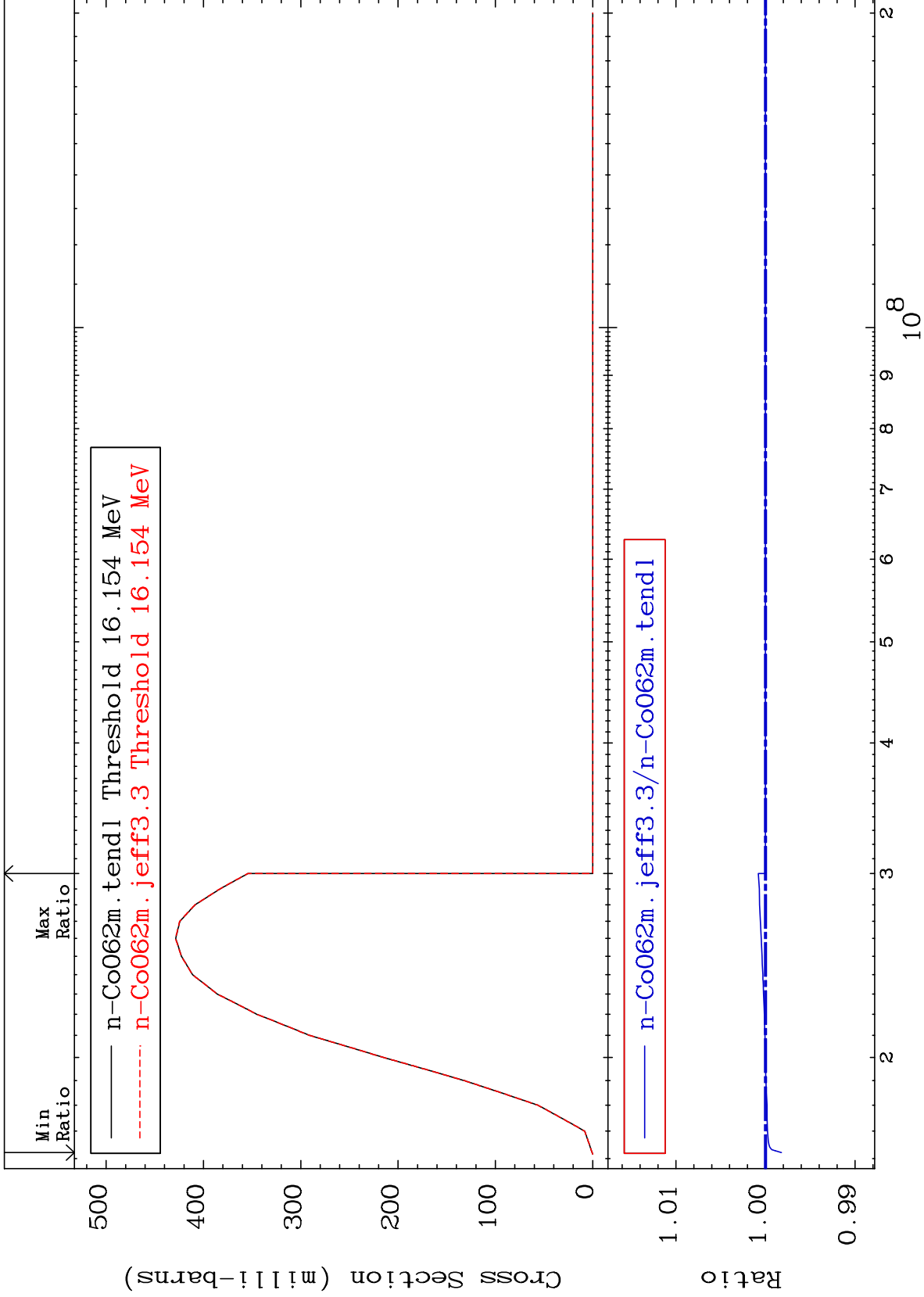








Radionuclide Production Cross Section -0.178 To 0.079 %

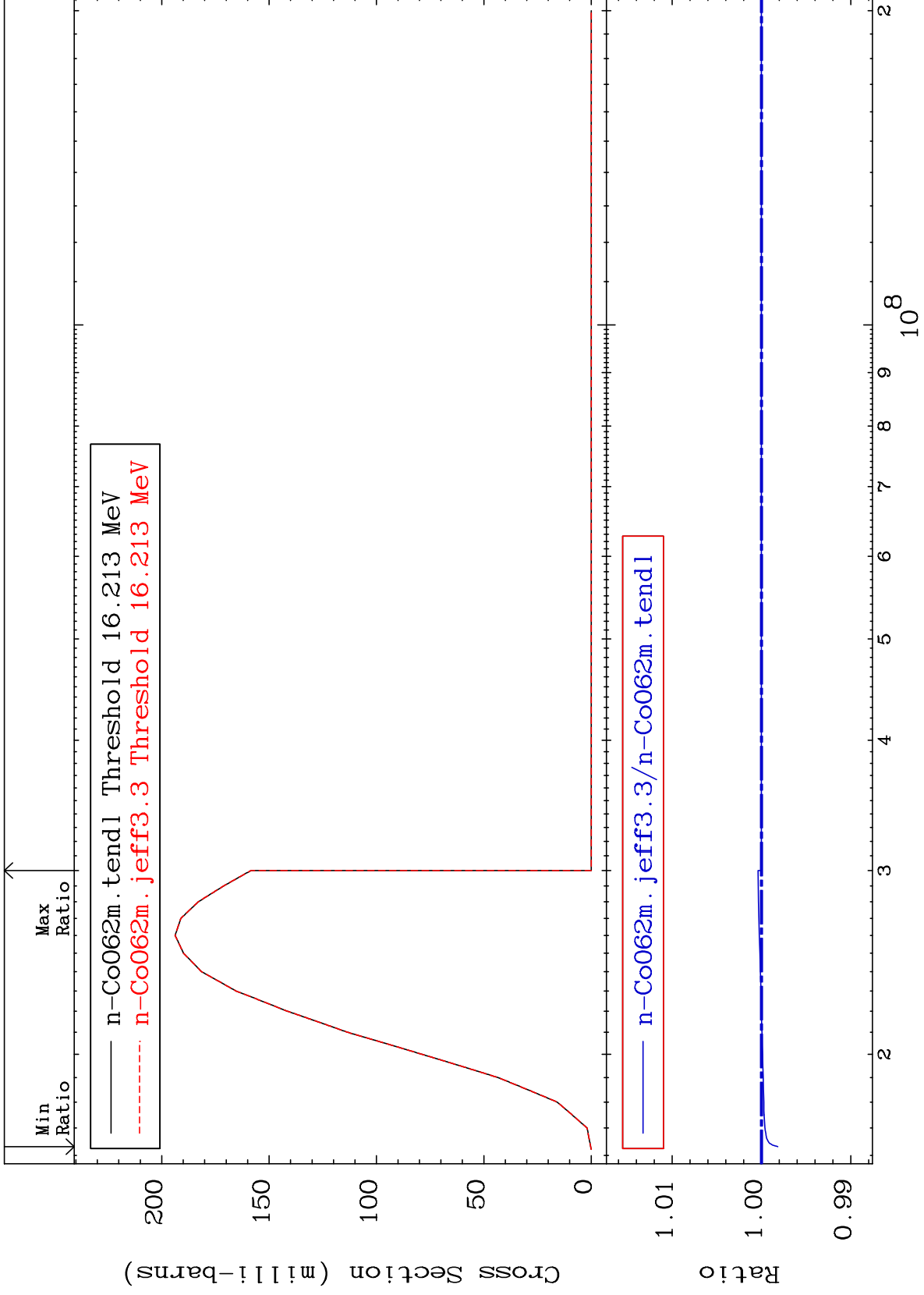


MAT 2735

(n,3n):27-Co-60m1

27-Co-62

Radionuclide Production Cross Section -0.184 To 0.038 %



79

Incident Energy (eV)

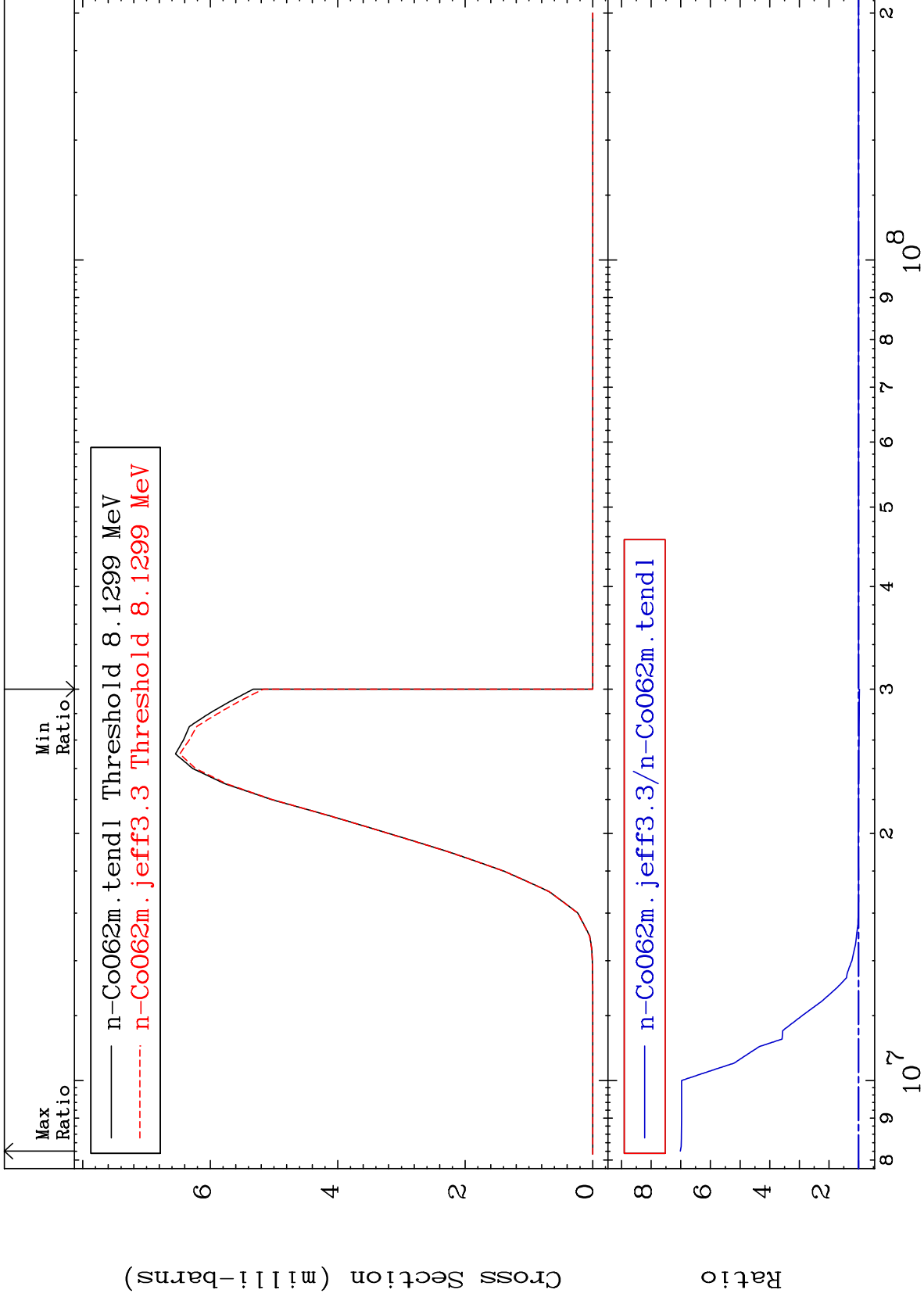
27-Co-62

MAT 2735

(n, n')  $\alpha$ :25-Mn-58g

27-Co-62

Radionuclide Production Cross Section -2.975 To 601.5 %



80

27-Co-62

27-Co-62

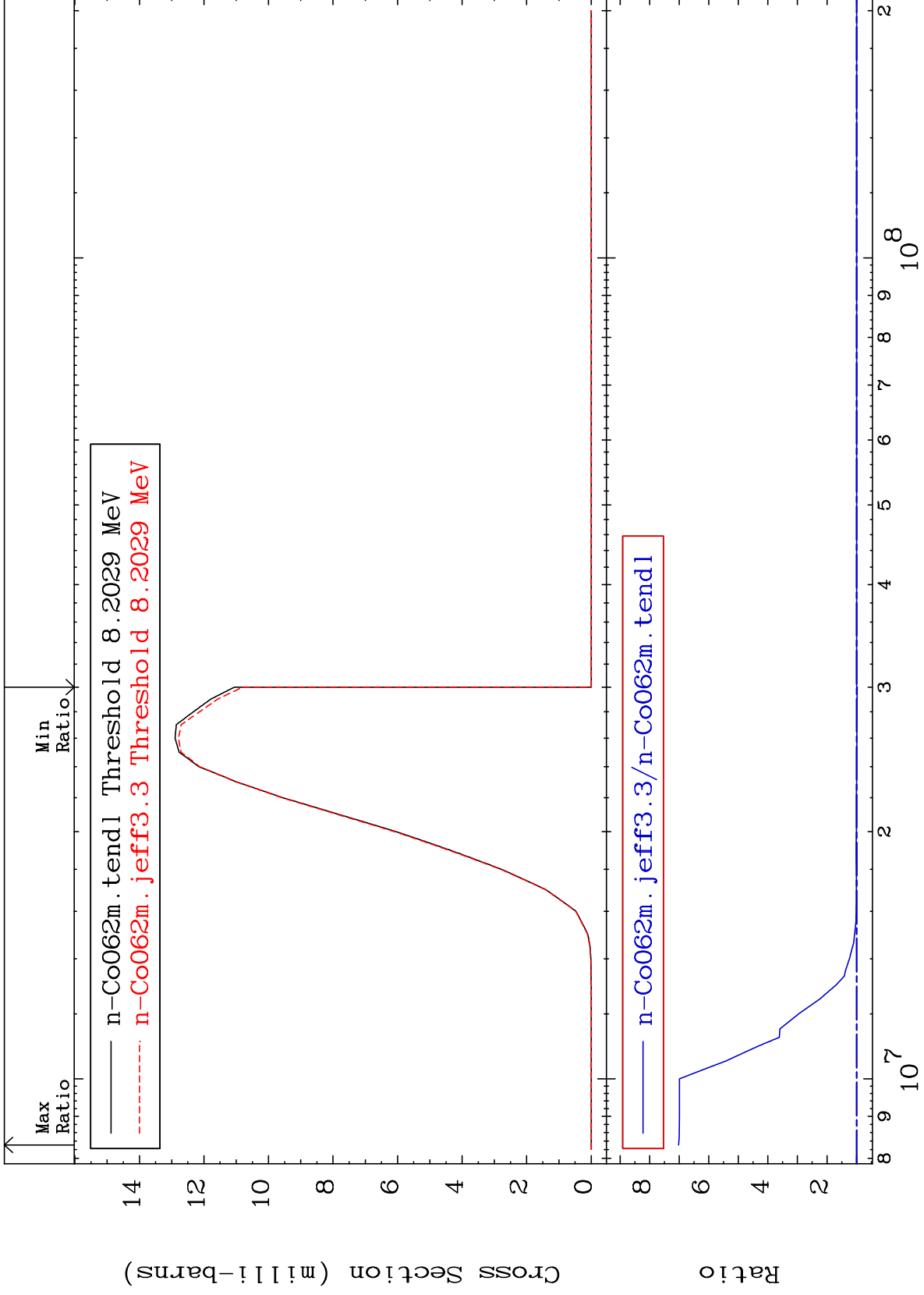


MAT 2735

(n, n')  $\alpha$ :25-Mn-58m1

27-Co-62

Radionuclide Production Cross Section -2.328 To 601.8 %



81

Incident Energy (eV)

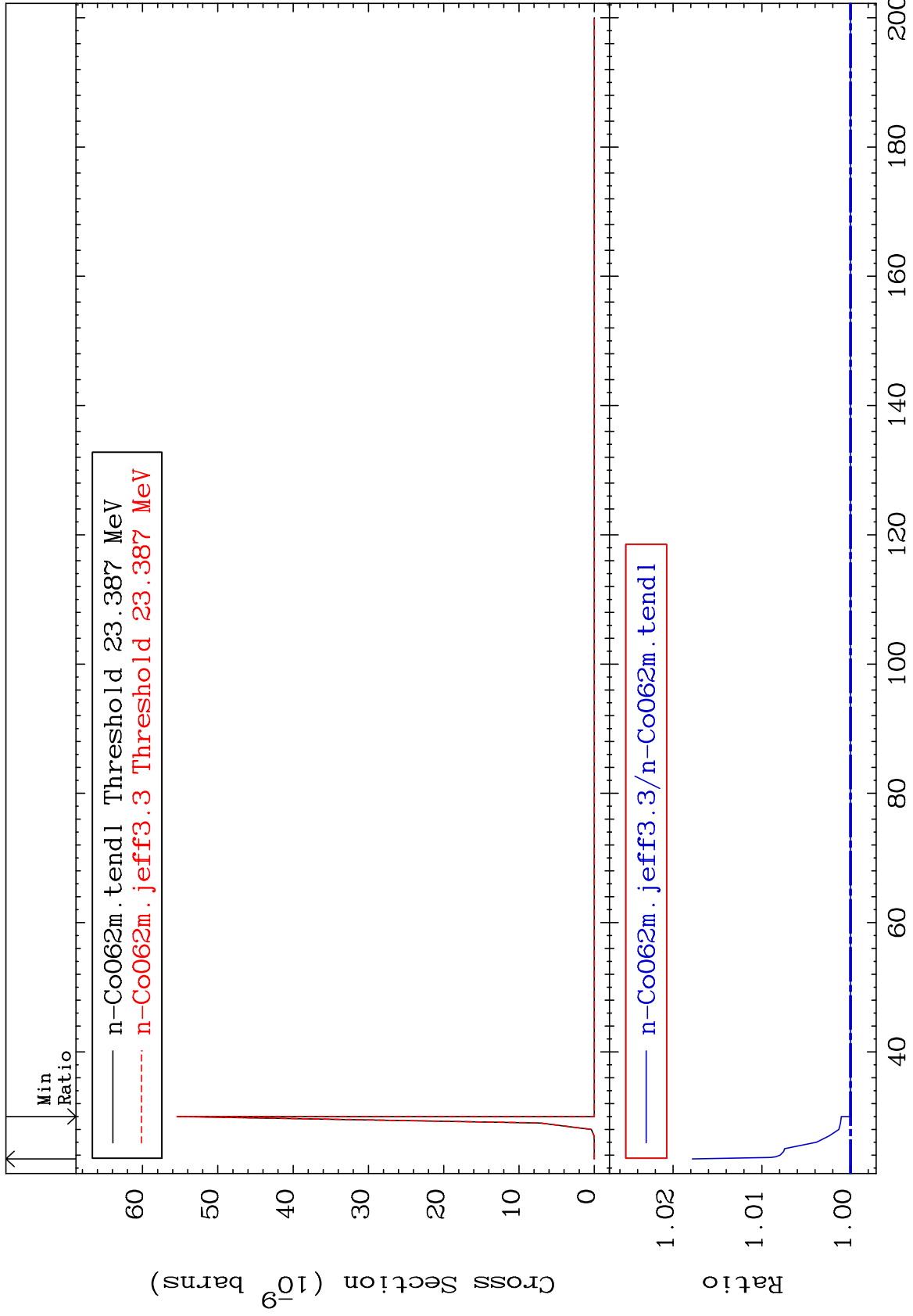
27-Co-62

MAT 2735

(n,2n) p:25-Mn-60g

27-Co-62

Radionuclide Production Cross Section 0.000 To 1.784 %

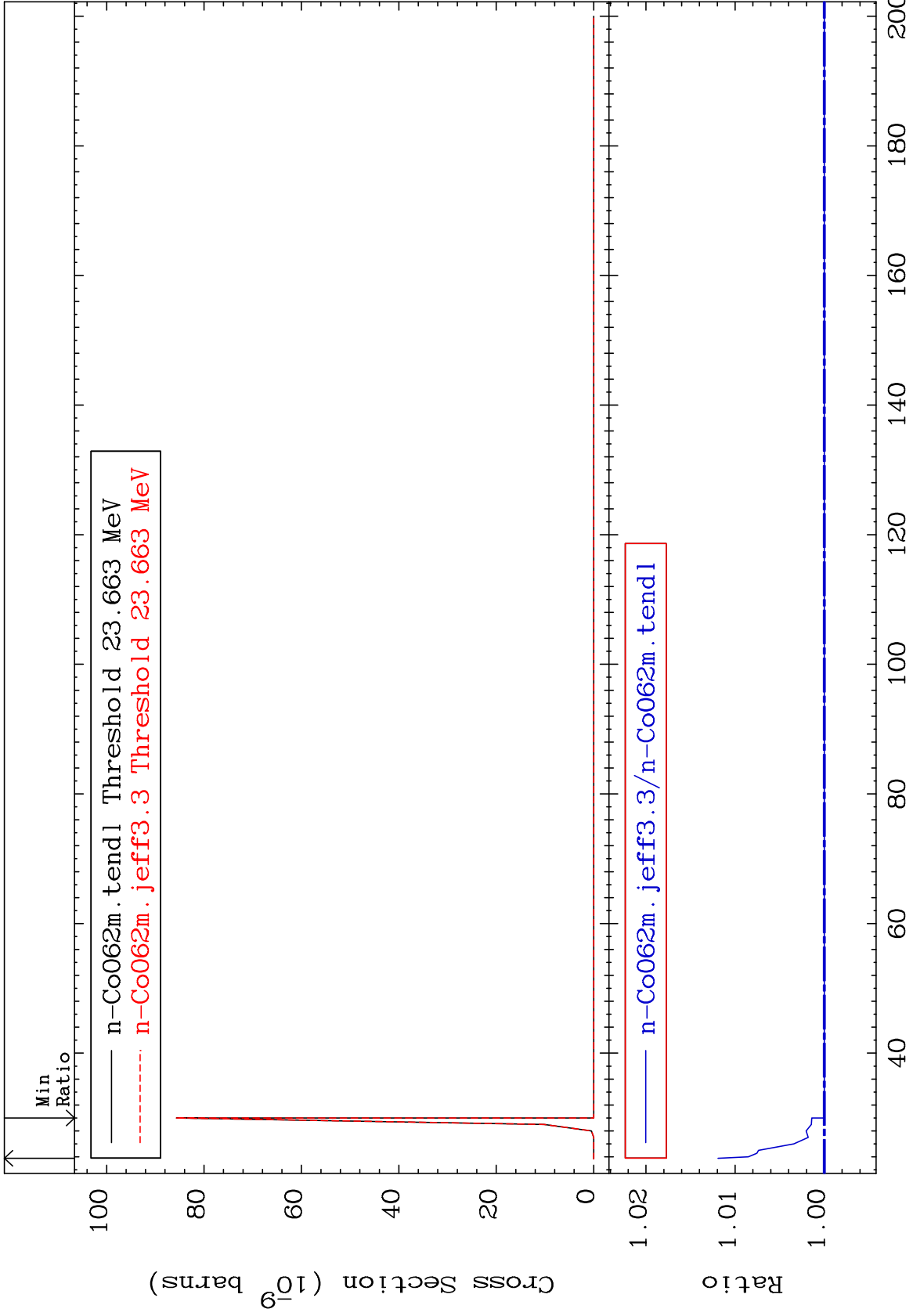


MAT 2735

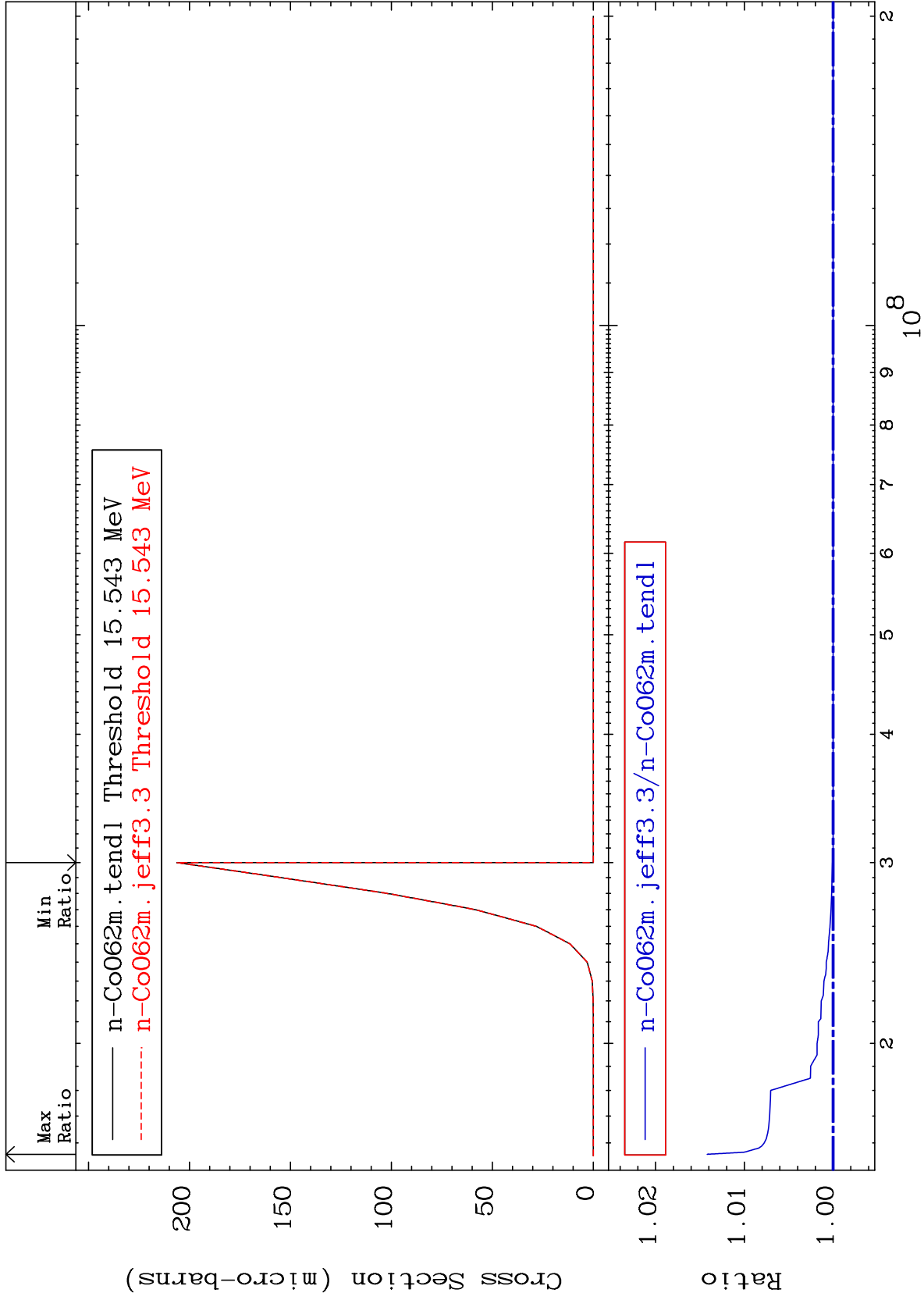
(n,2n) p:25-Mn-60m1

27-Co-62

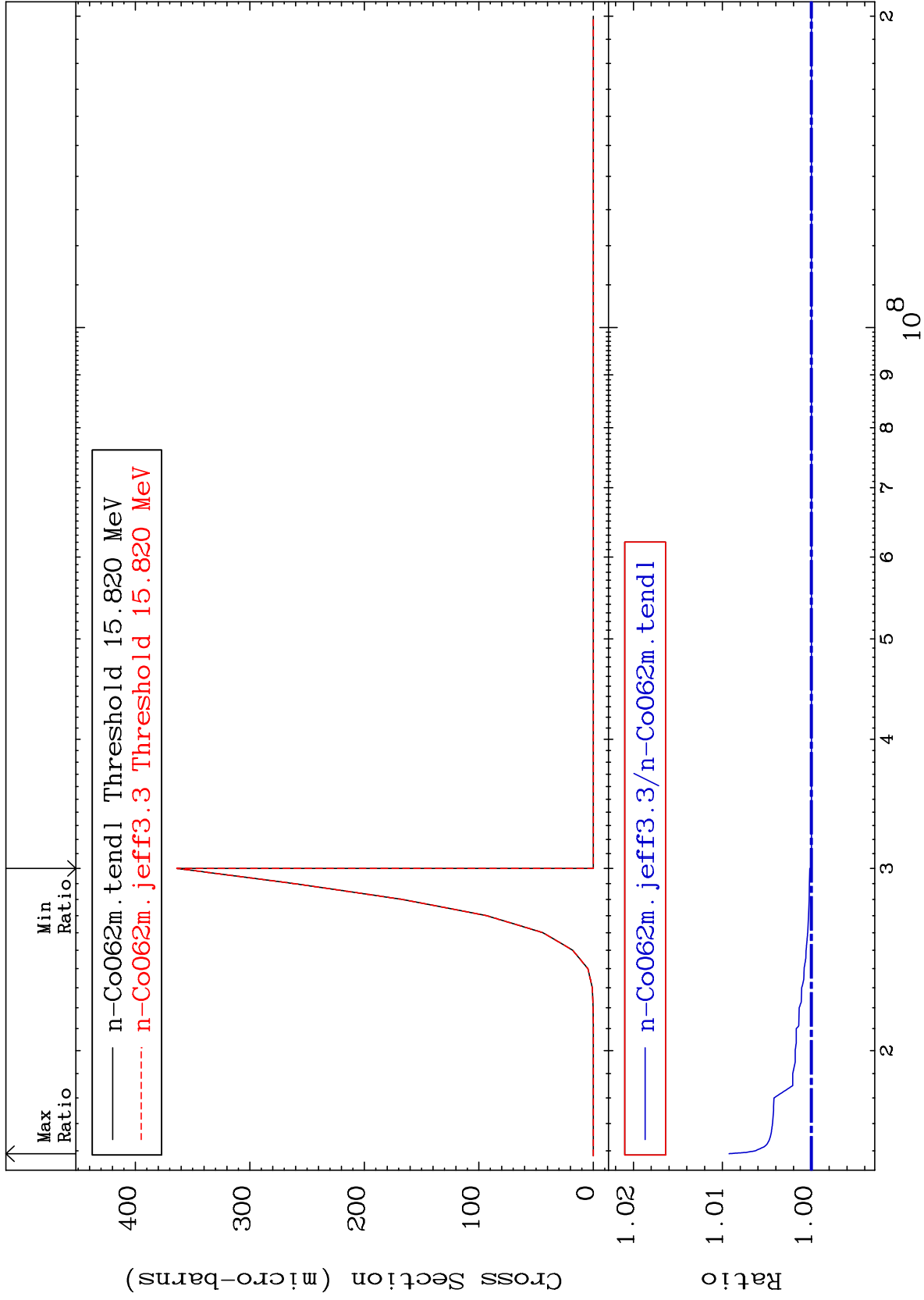
Radionuclide Production Cross Section 0.000 To 1.192 %



Radionuclide Production Cross Section 0.000 To 1.419 %



Radionuclide Production Cross Section 0.000 To 0.927 %

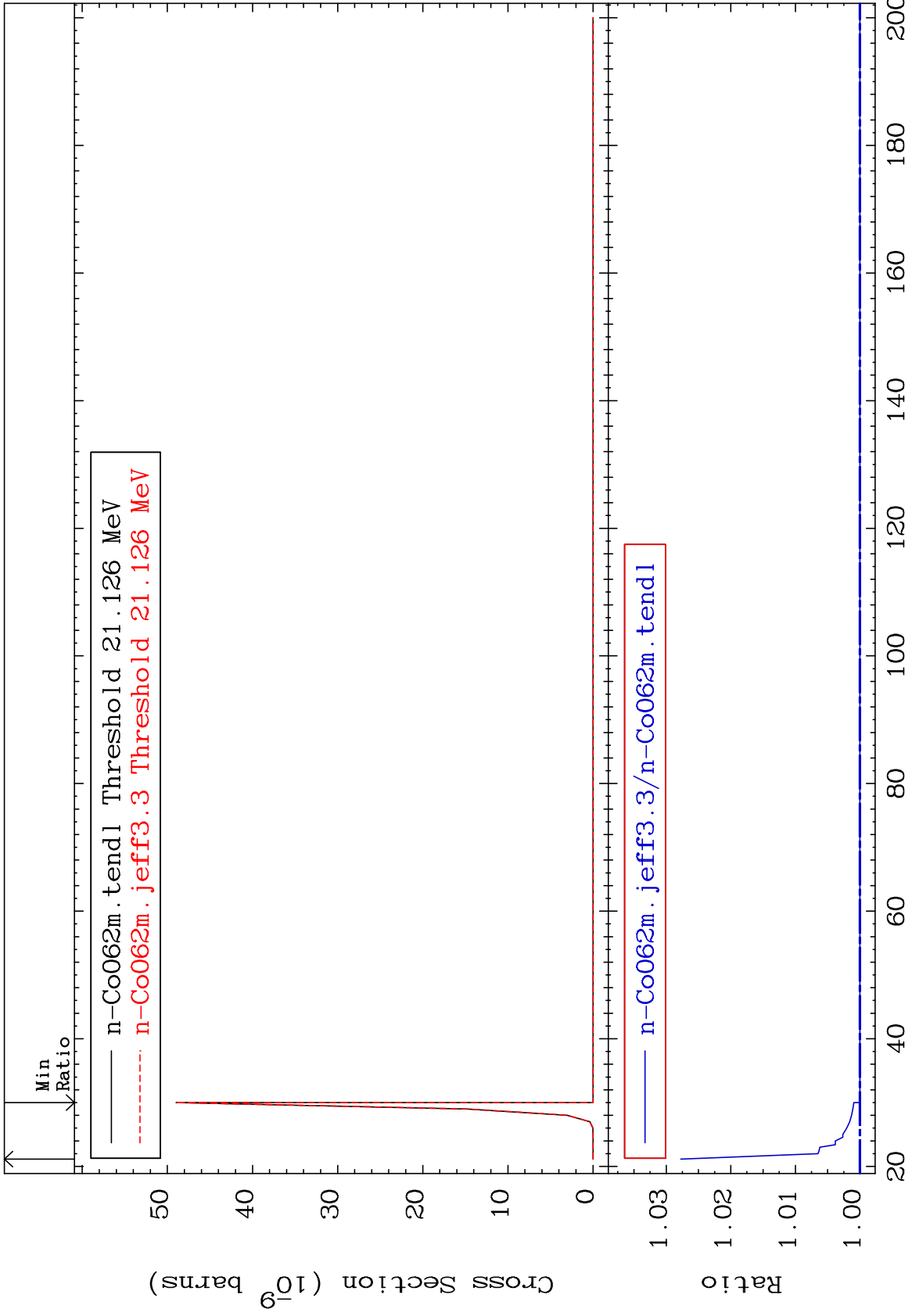


MAT 2735

(n, p) d:25-Mn-60g

27-Co-62

Radionuclide Production Cross Section 0.000 To 2.775 %



86

Incident Energy (MeV)

27-Co-62

MAT 2735

(n, p) d:25-Mn-60m1

27-Co-62

Radionuclide Production Cross Section 0.000 To 0.493 %

