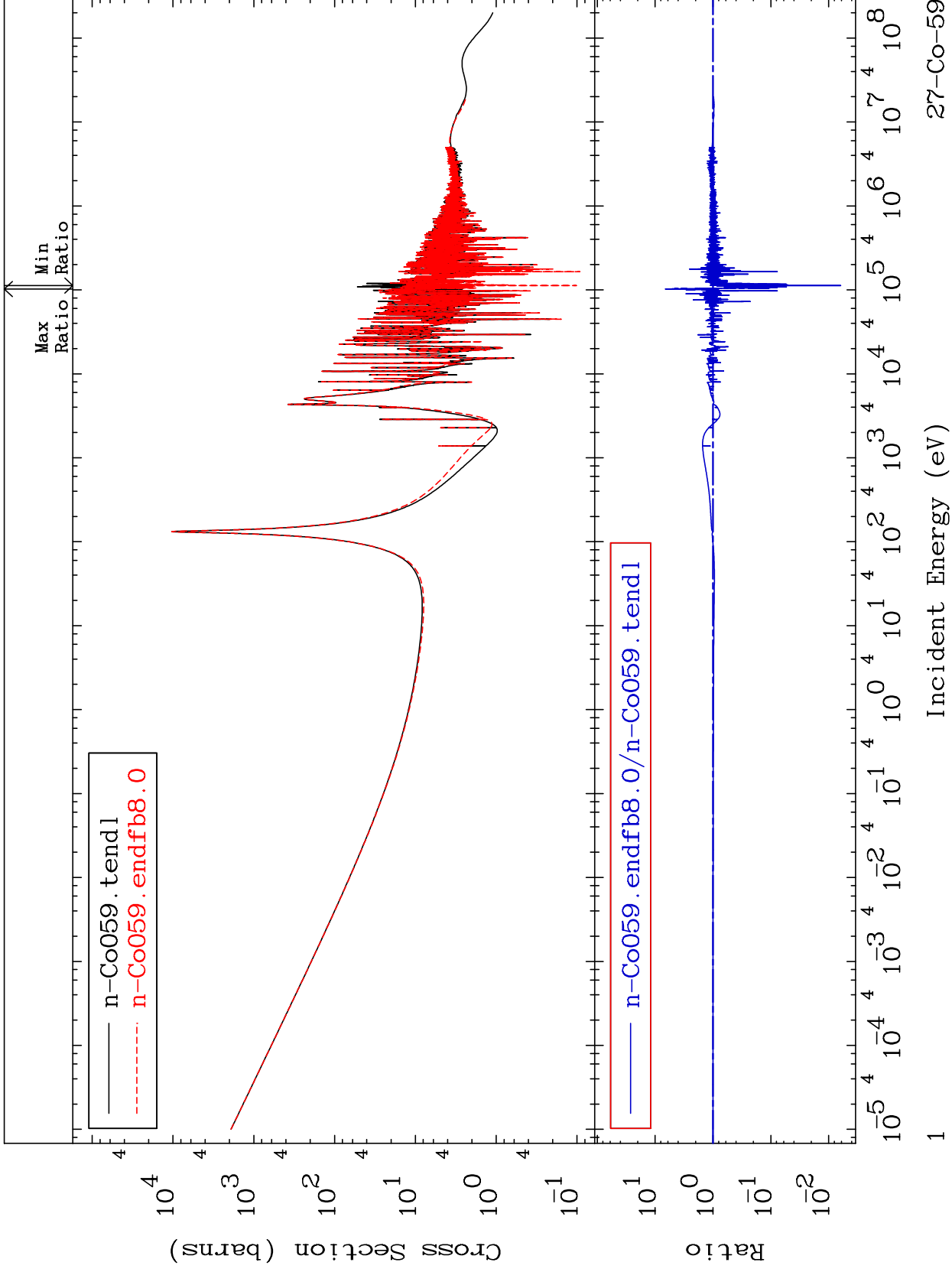


MAT 2725

Total  
Cross Section

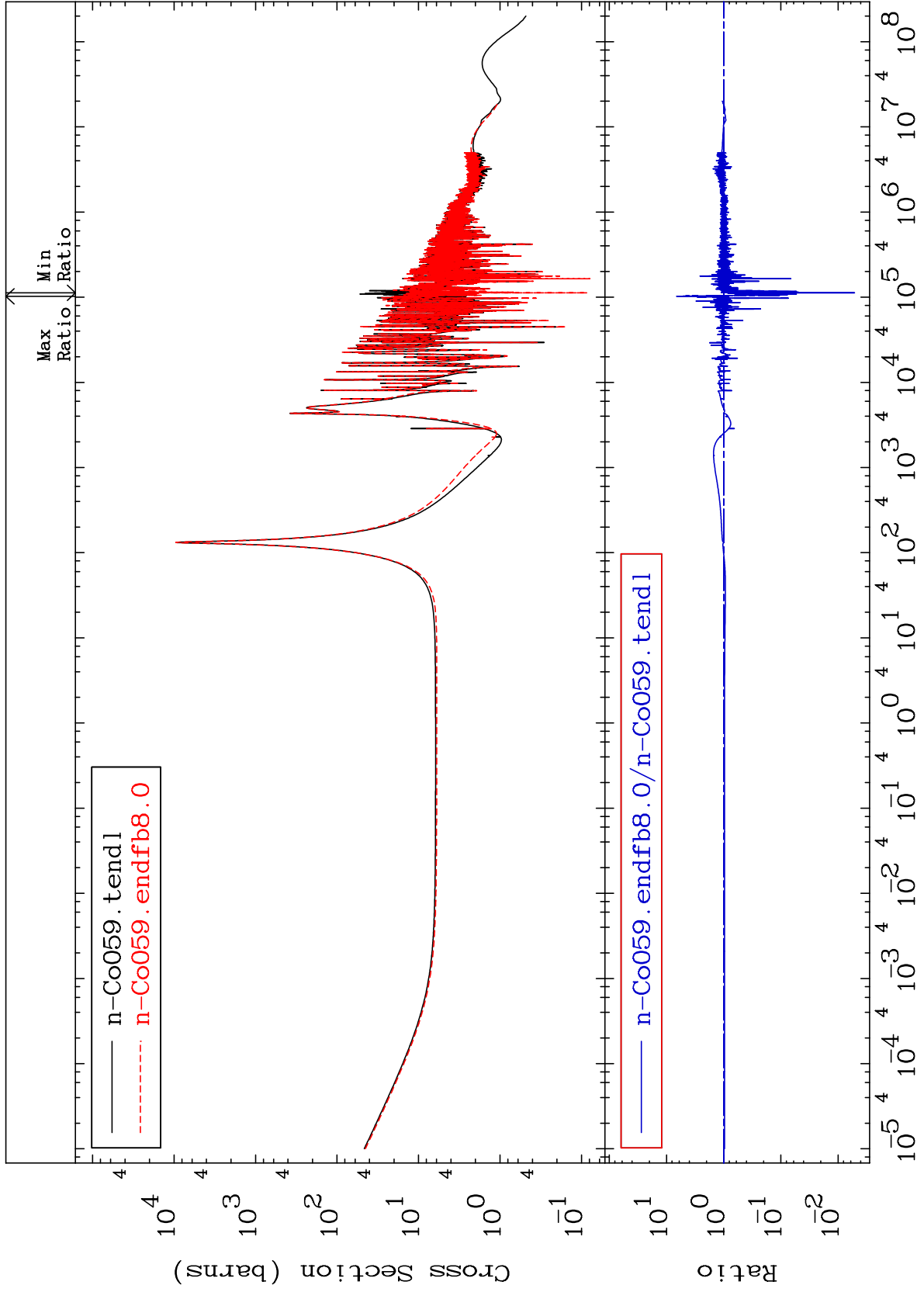
27-Co-59  
-99.38 To 562.0 %



MAT 2725

Elastic  
Cross Section

27-Co-59  
-99.48 To 561.7 %



2

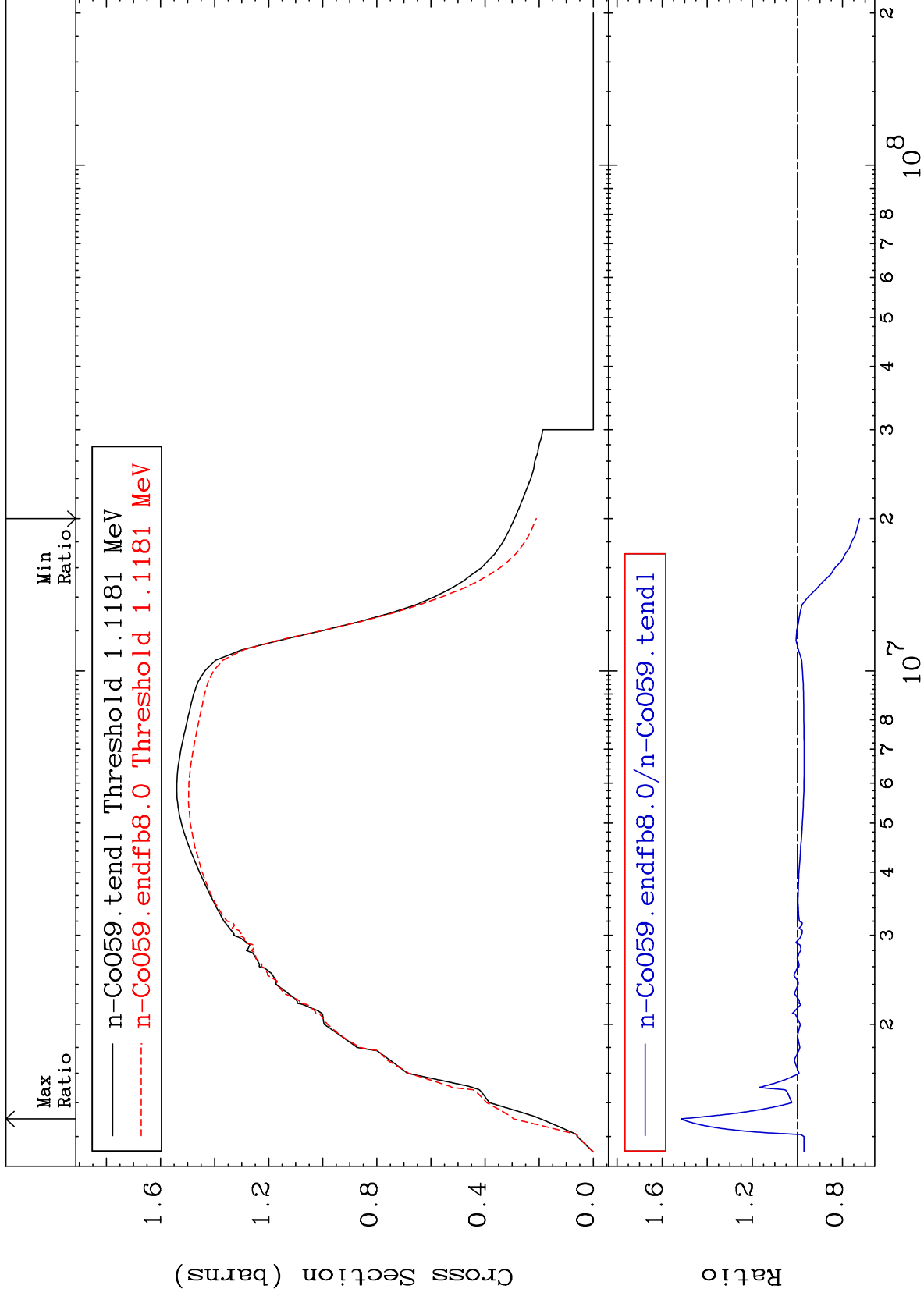
Incident Energy (eV)

27-Co-59

MAT 2725

Inelastic  
Cross Section

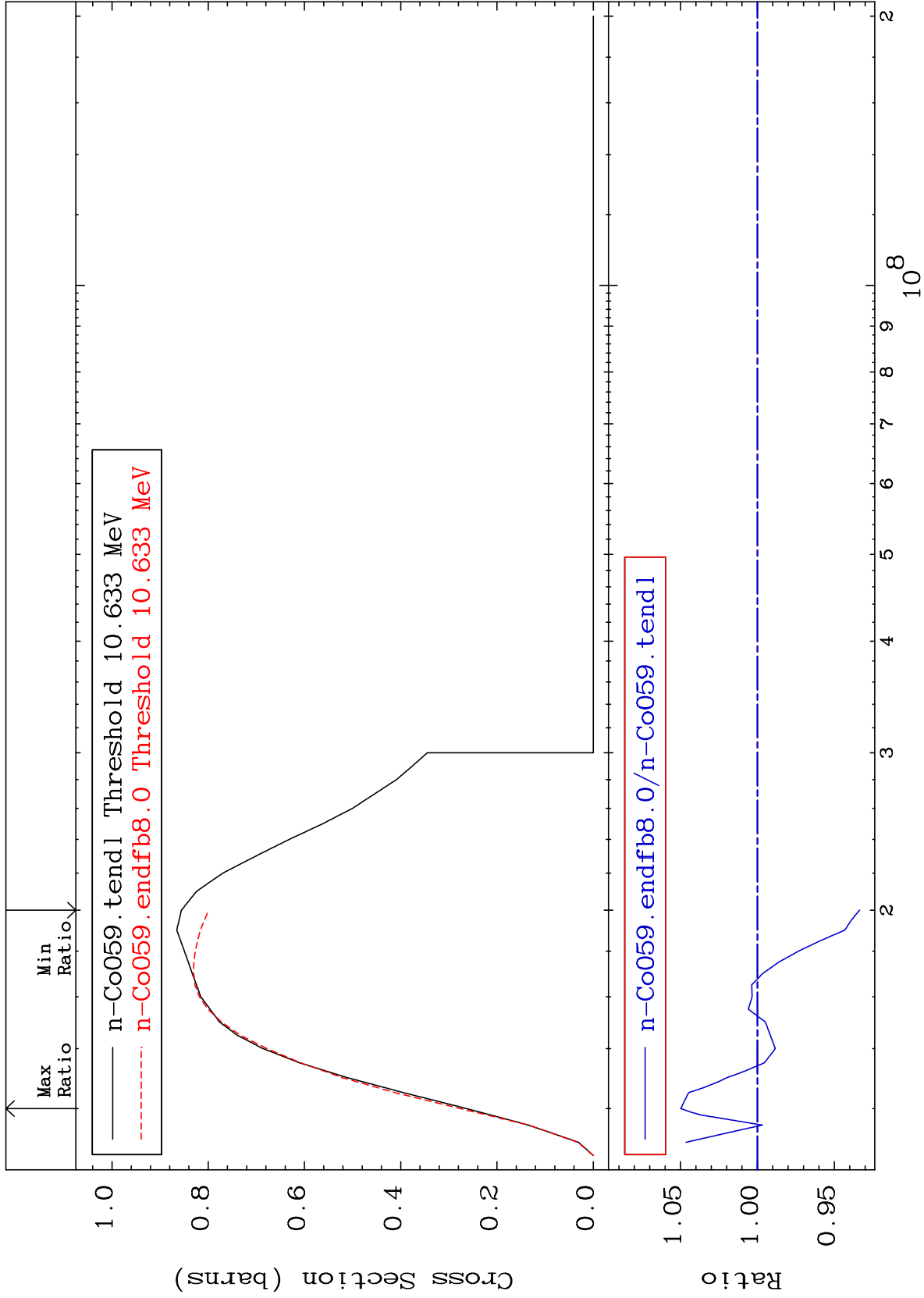
<sup>27</sup>Co-59  
-27.55 To 51.74 %

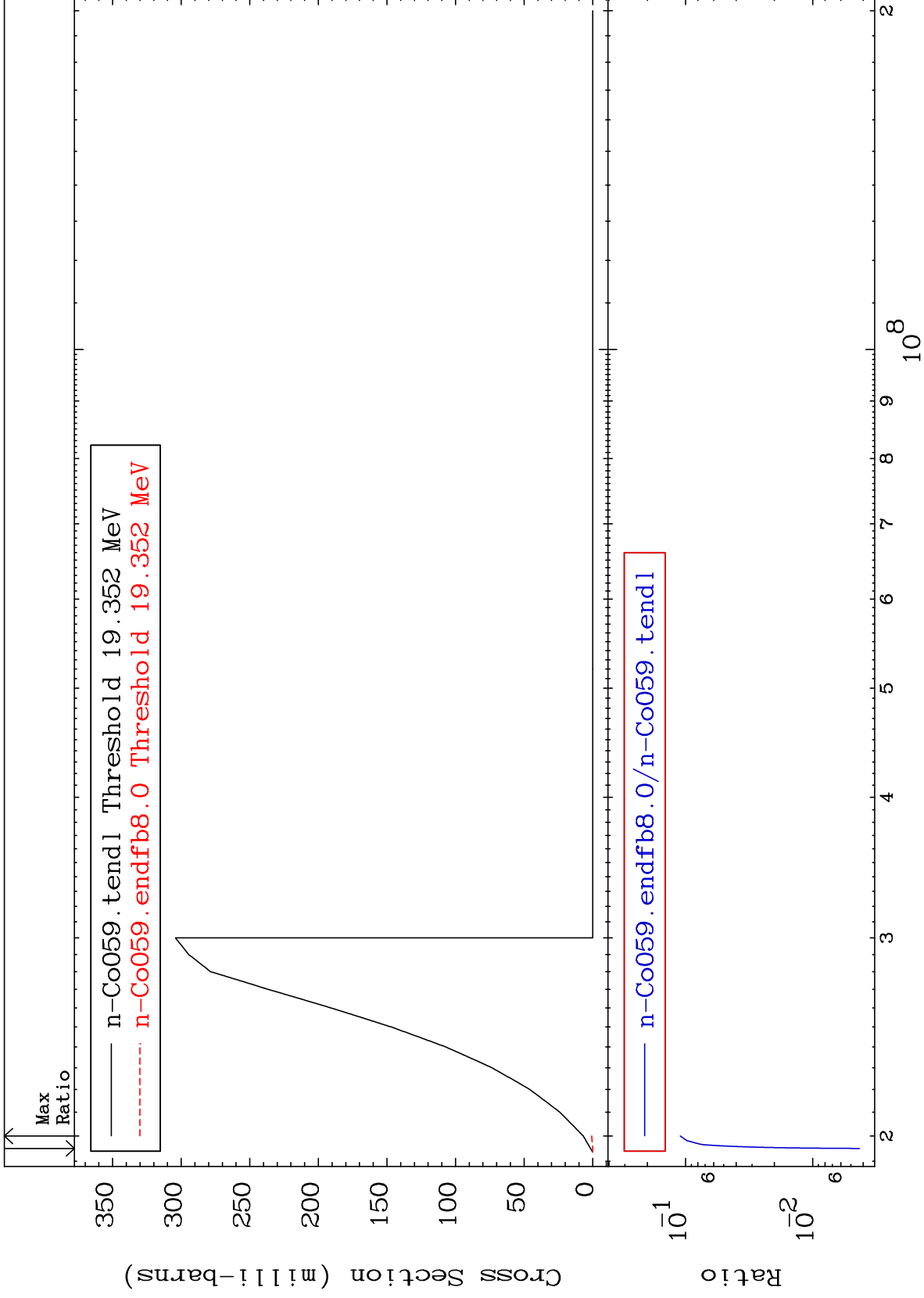


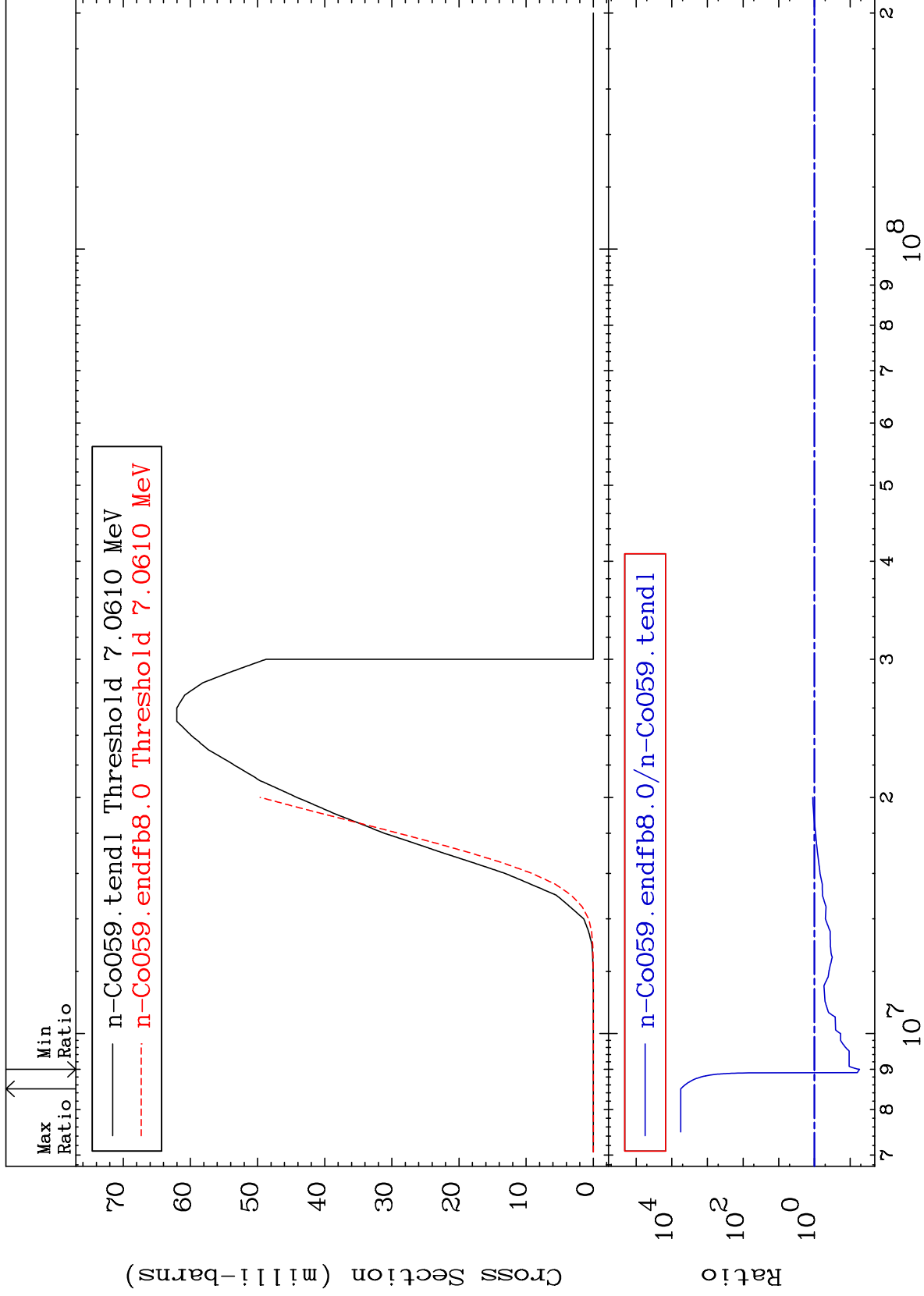
MAT 2725

(n,2n)  
Cross Section

27-Co-59  
-6.638 To 4.981 %



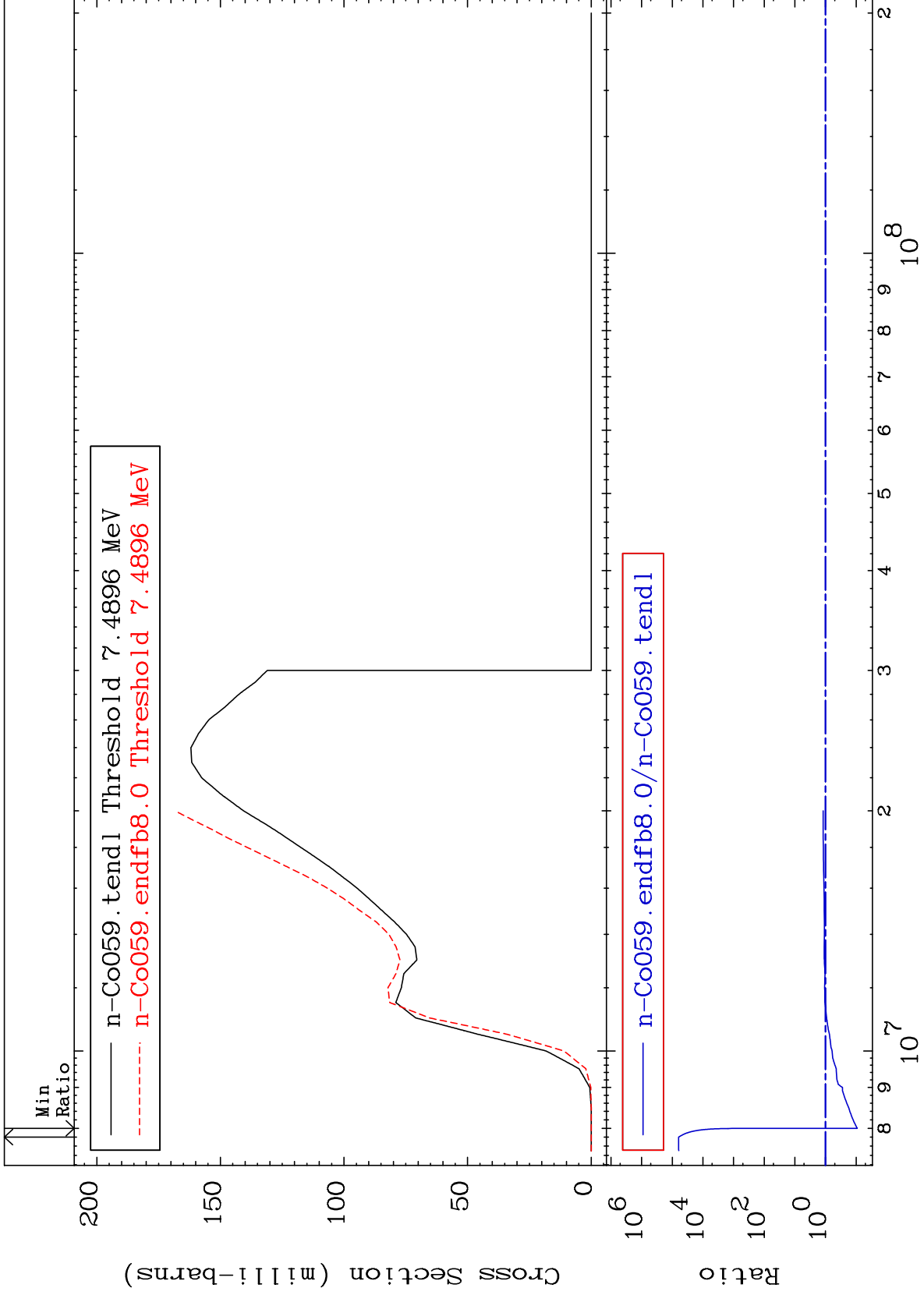




MAT 2725

(n,n') p  
Cross Section

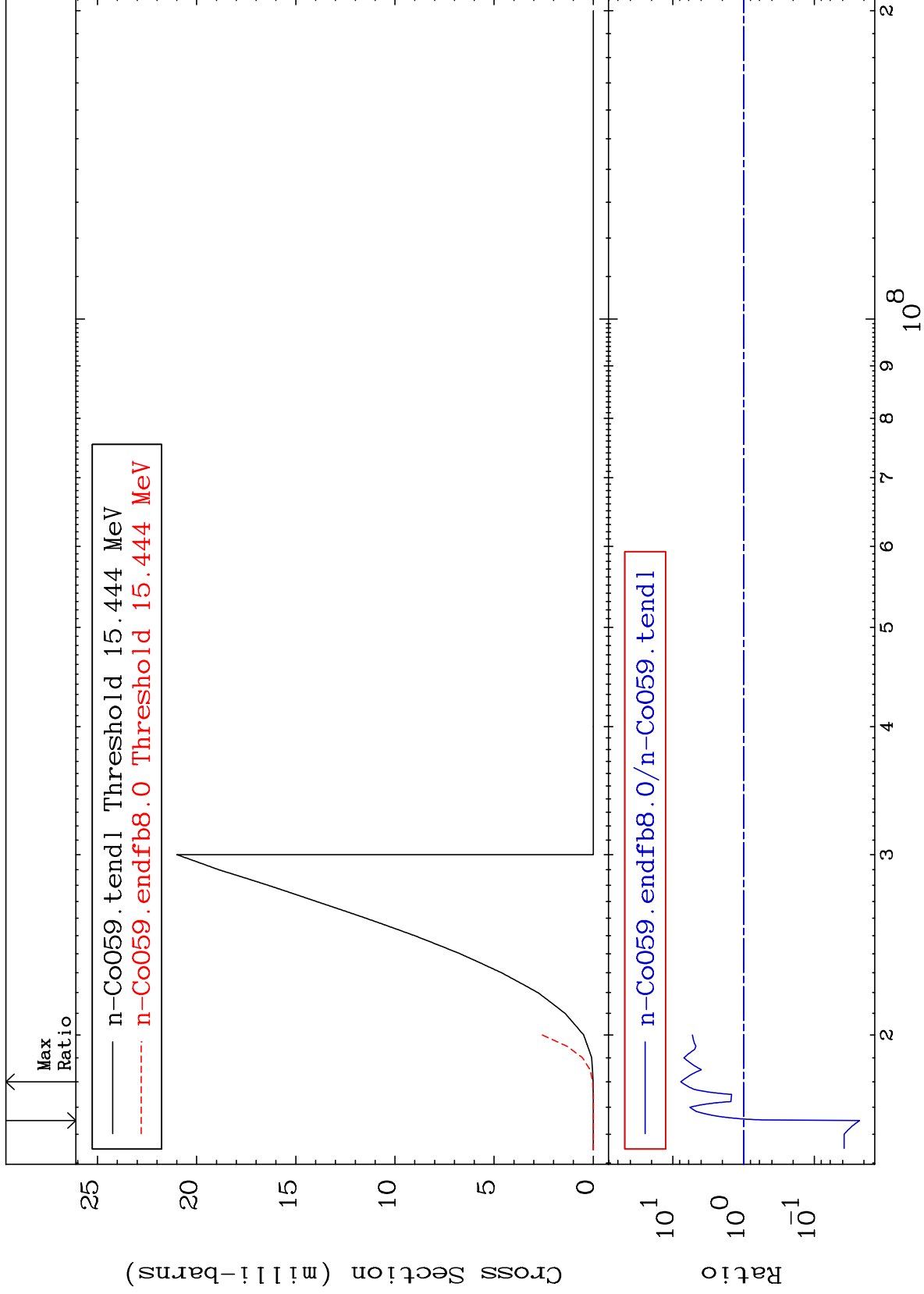
27-Co-59  
-90.78 To 9999. %



MAT 2725

(n,n') d  
Cross Section

27-Co-59  
-97.70 To 674.0 %

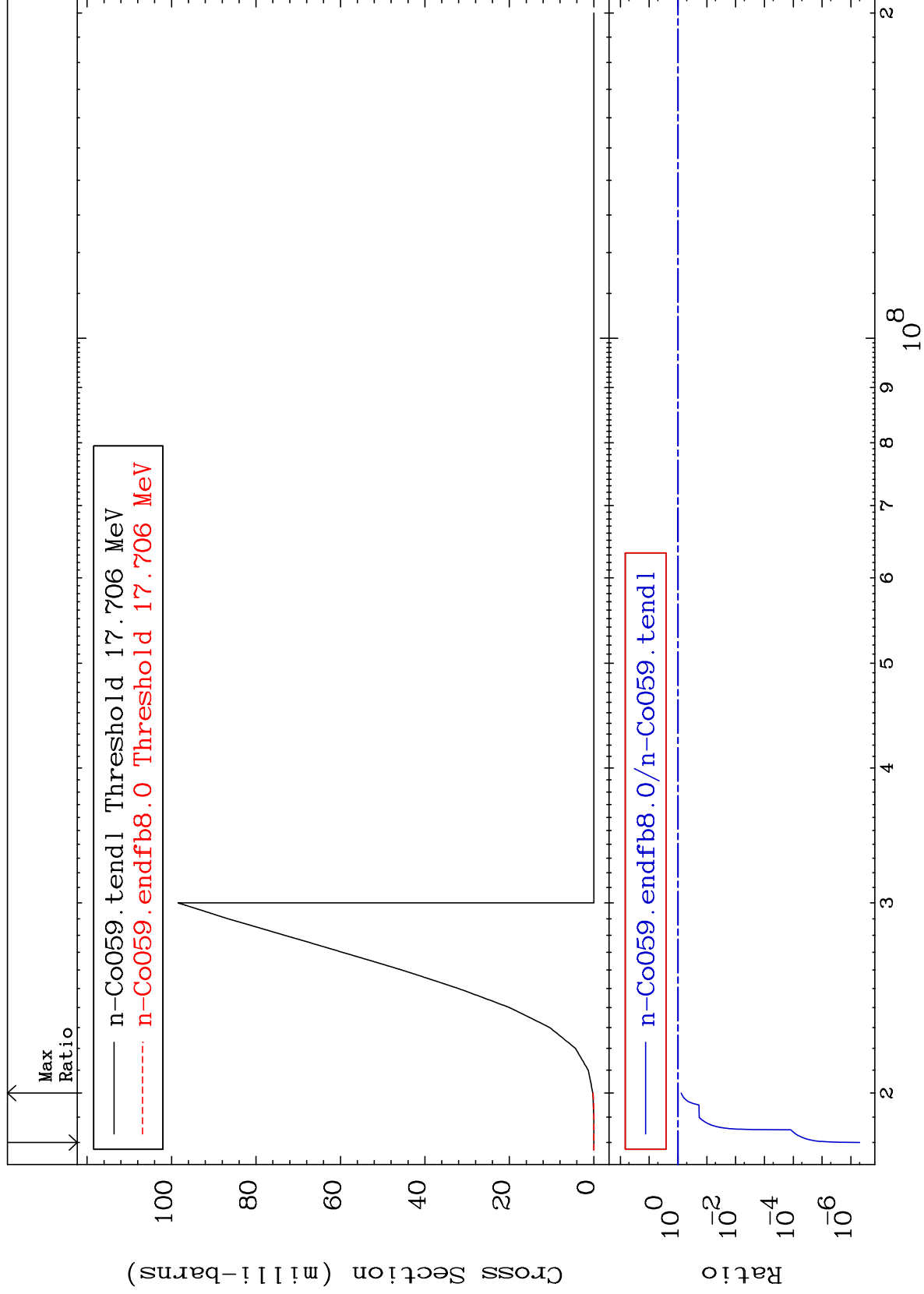




MAT 2725

(n,2n) p  
Cross Section

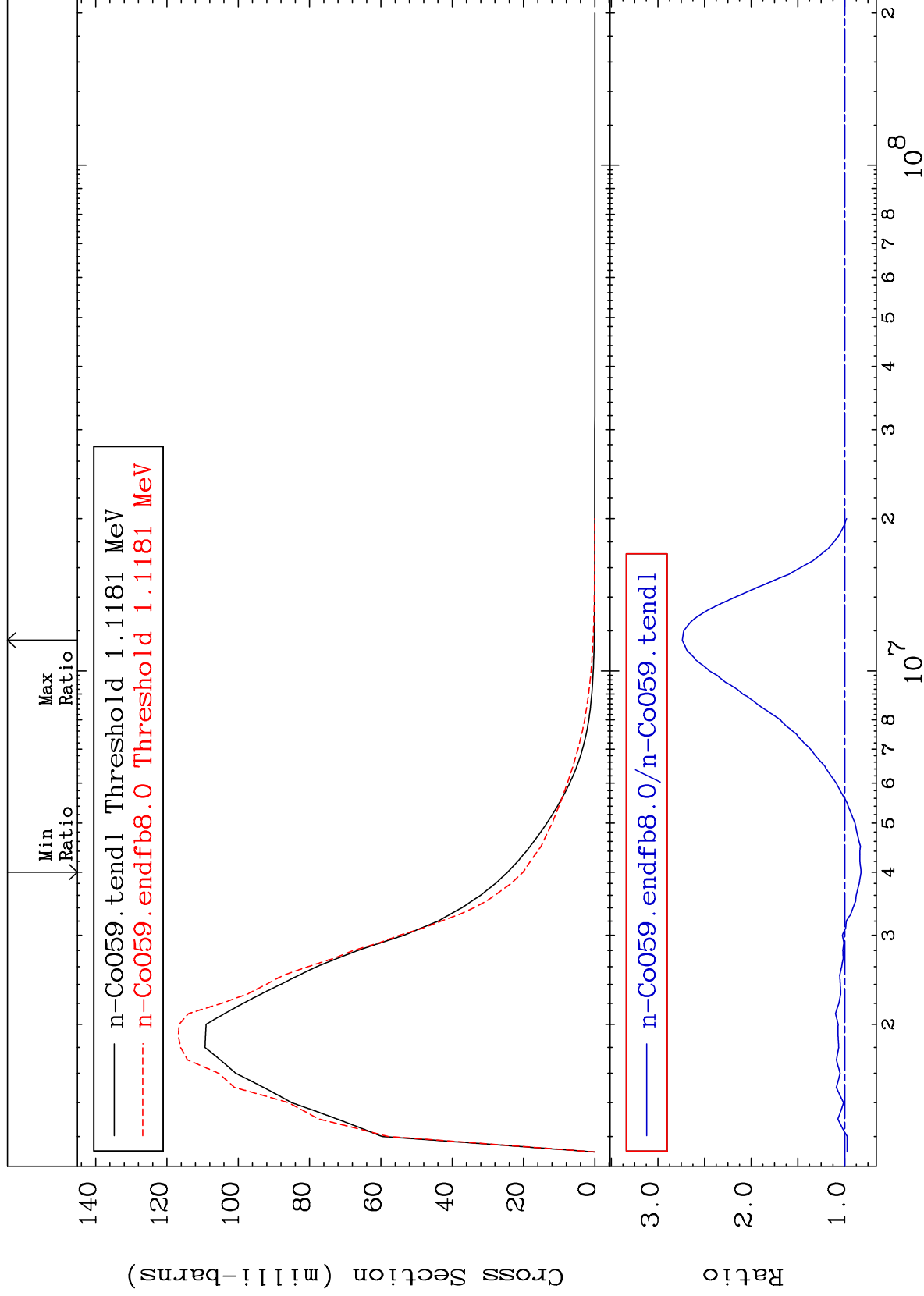
27-Co-59  
-100.0 To -22.42%



MAT 2725

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

27-Co-59  
-17.72 To 173.8 %



10

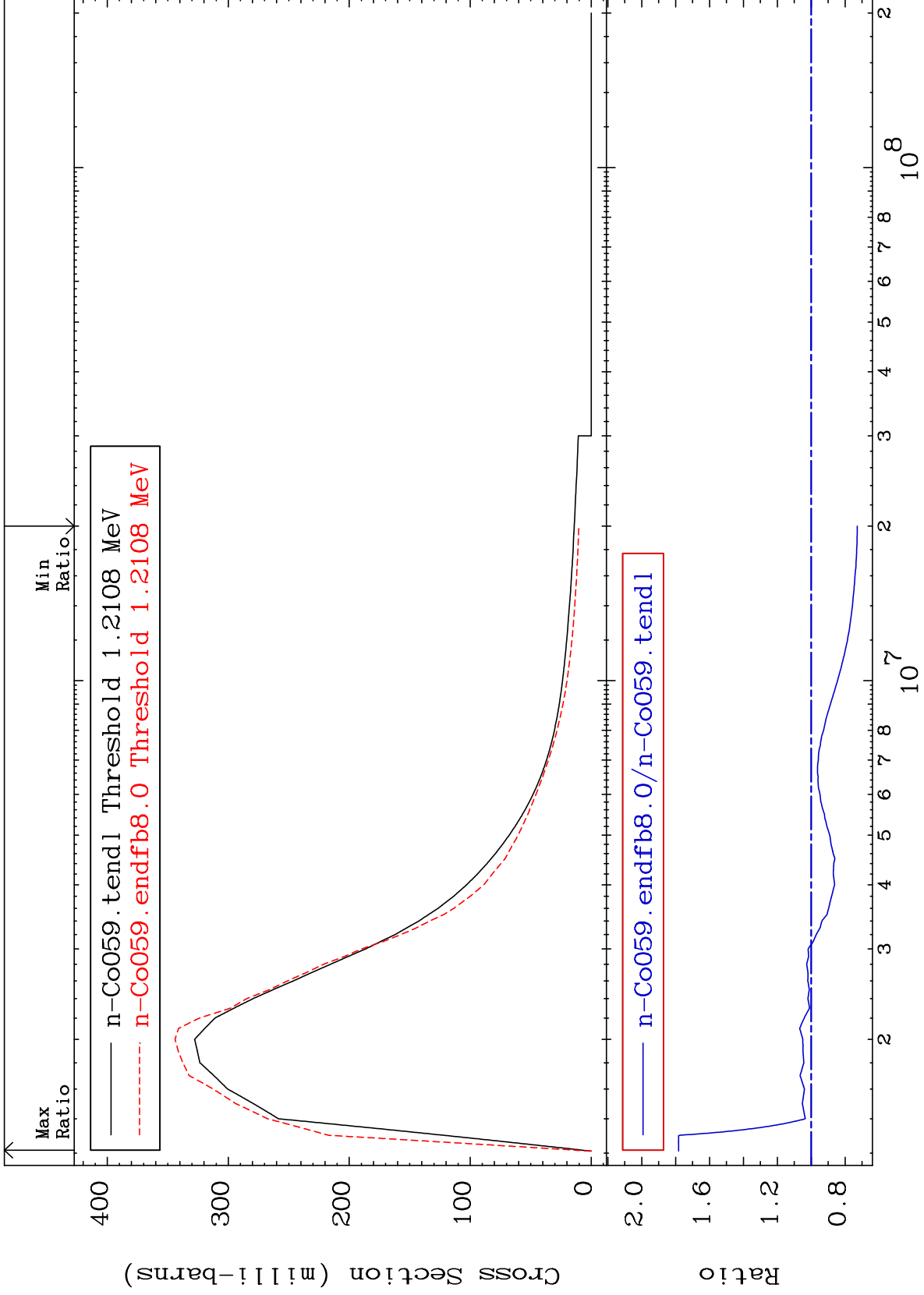
Incident Energy (eV)

27-Co-59

MAT 2725

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

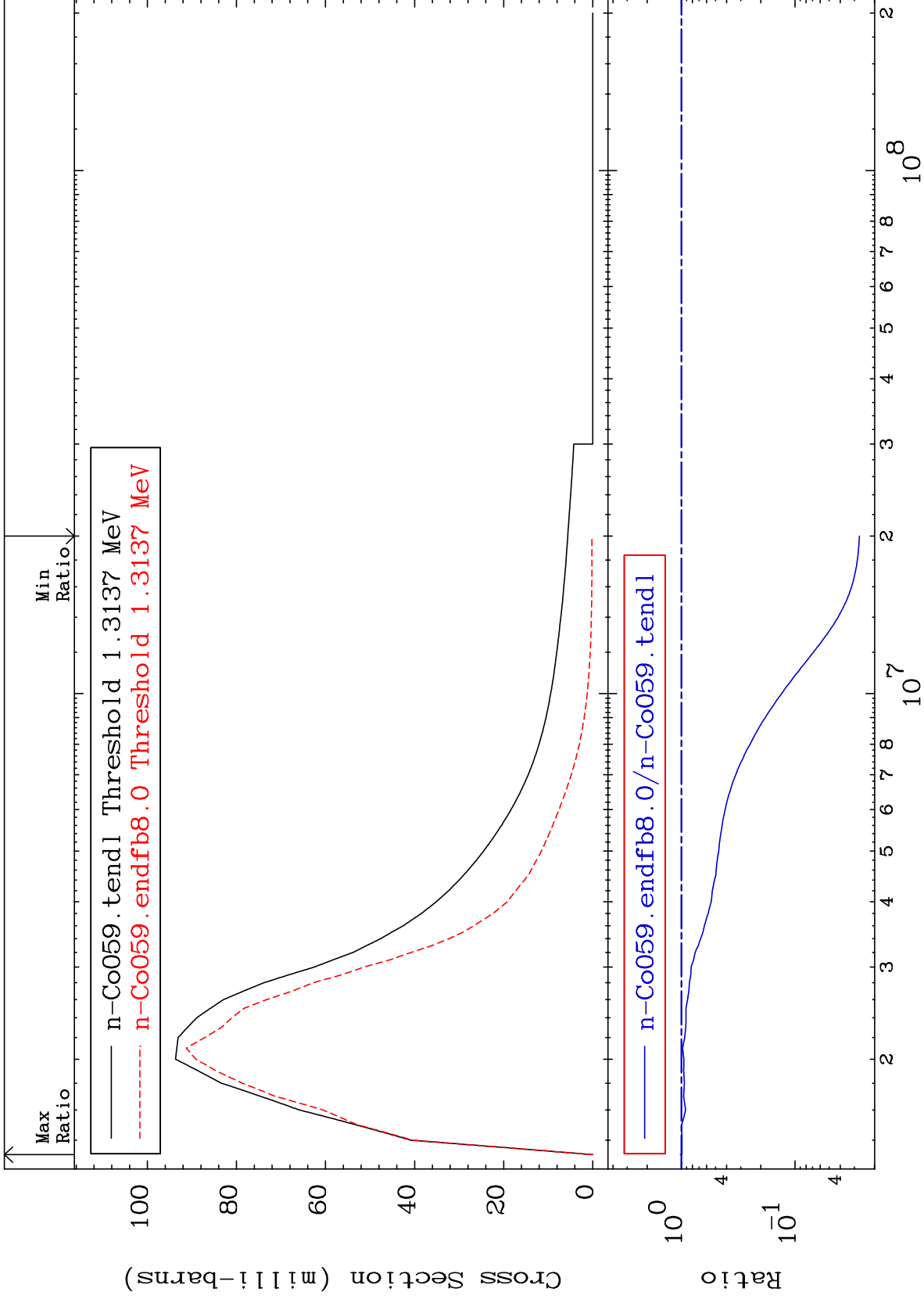
27-Co-59  
-27.18 To 78.21 %



MAT 2725

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

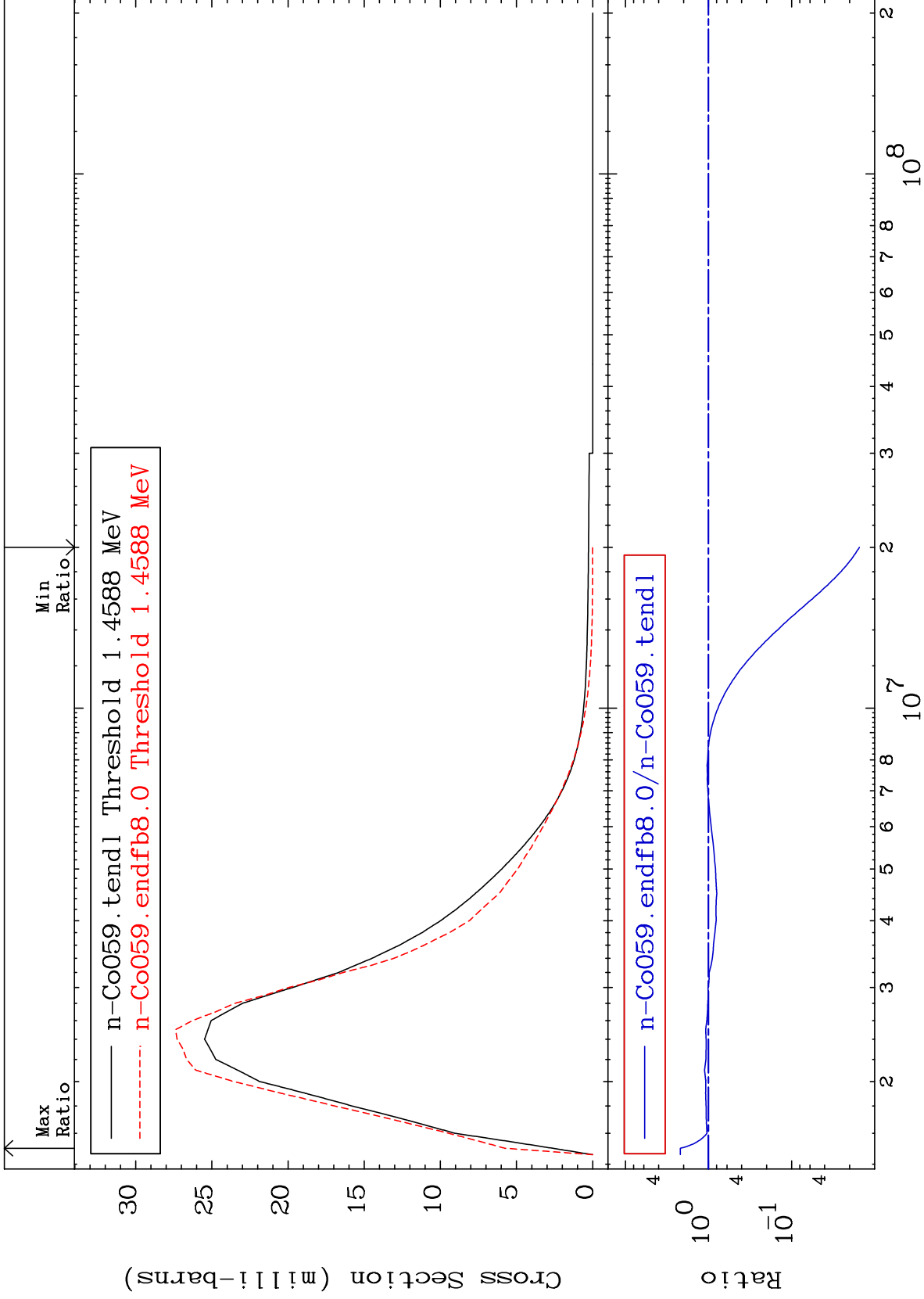
27-Co-59  
-97.29 To 2.157 %



MAT 2725

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

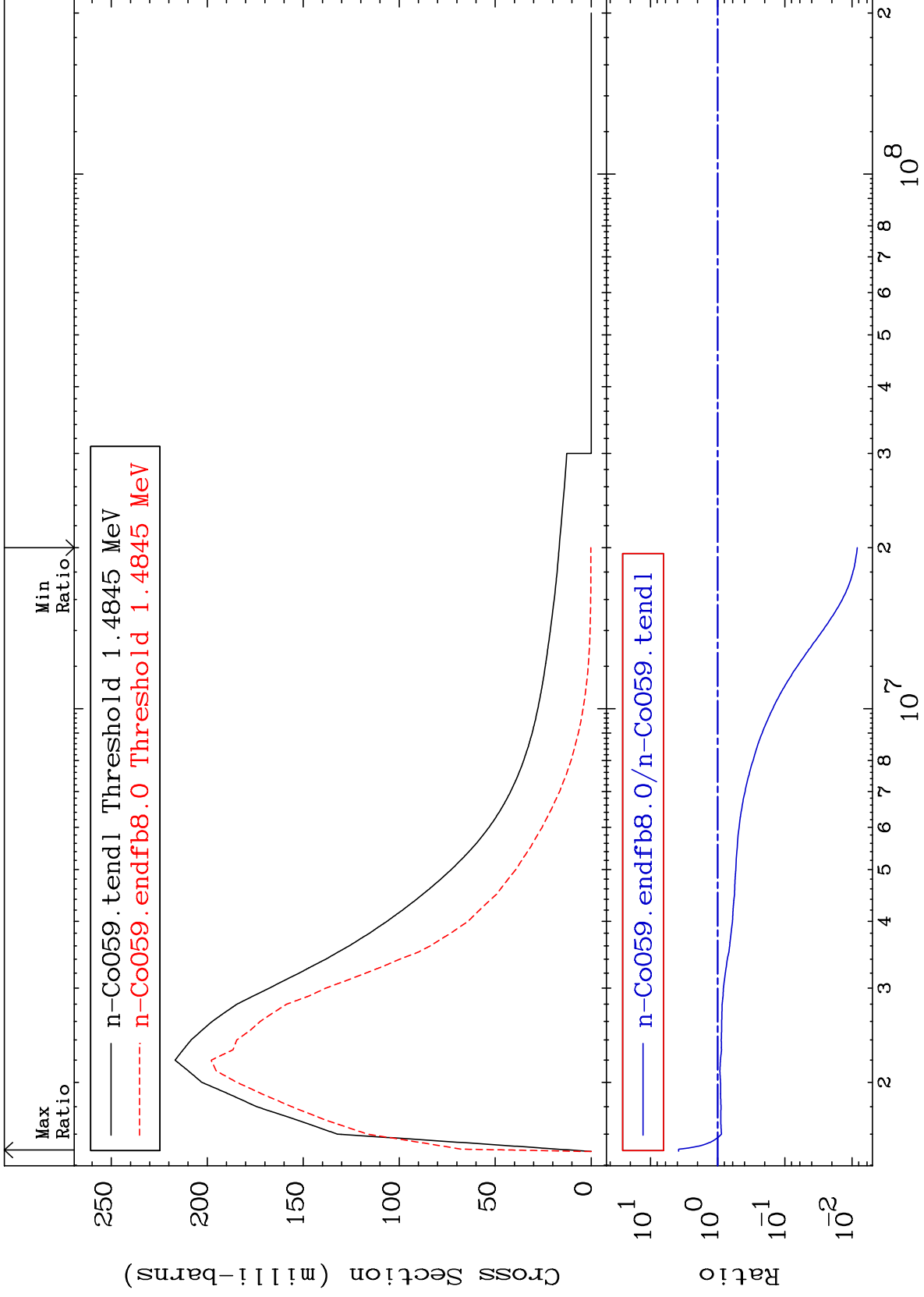
27-Co-59  
-98.47 To 118.5 %



MAT 2725

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

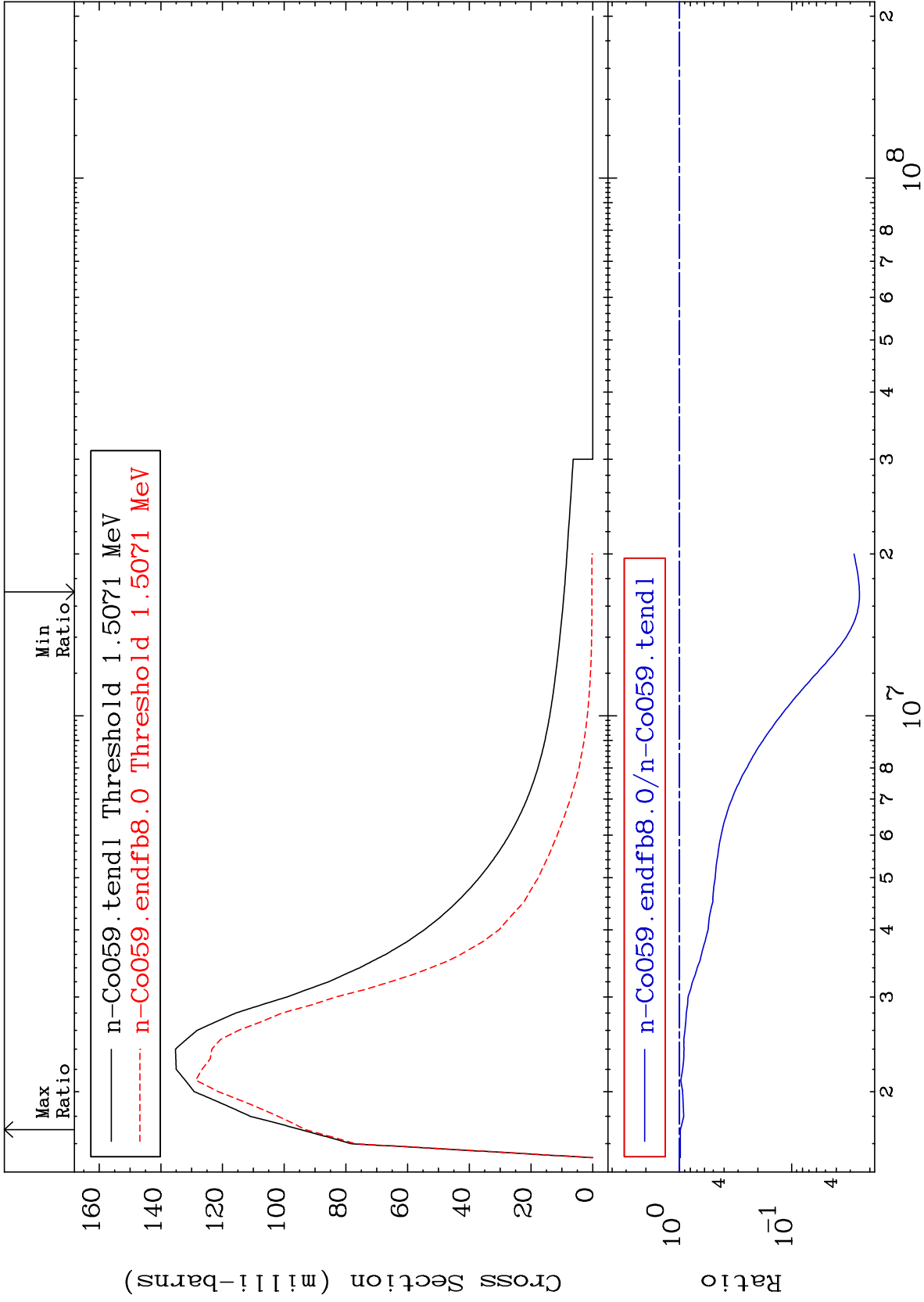
27-Co-59  
-99.16 To 282.1 %



MAT 2725

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

27-Co-59  
-97.52 To -1.657%



15

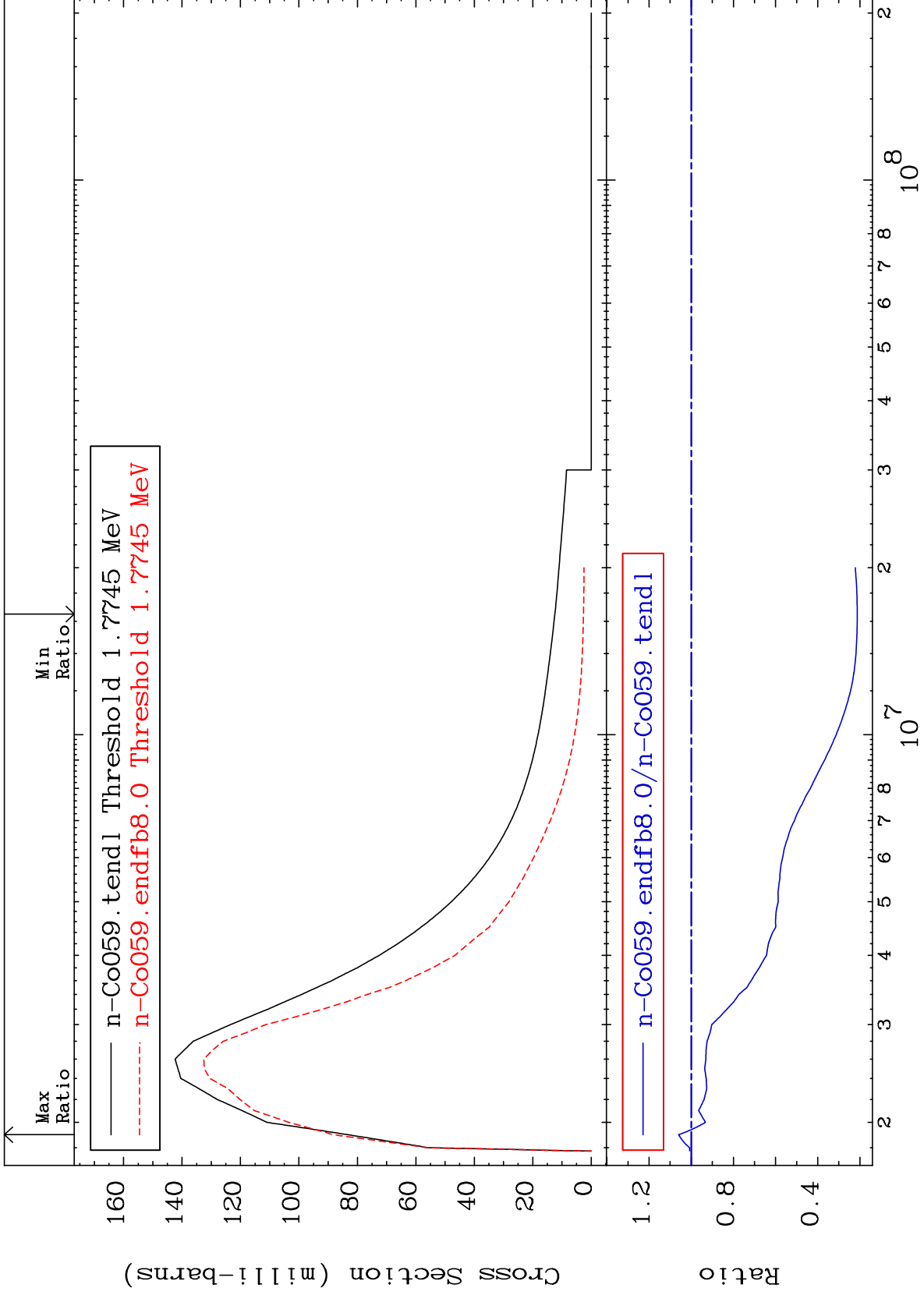
Incident Energy (eV)

27-Co-59

MAT 2725

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

27-Co-59  
-78.74 To 5.980 %



16

Incident Energy (eV)

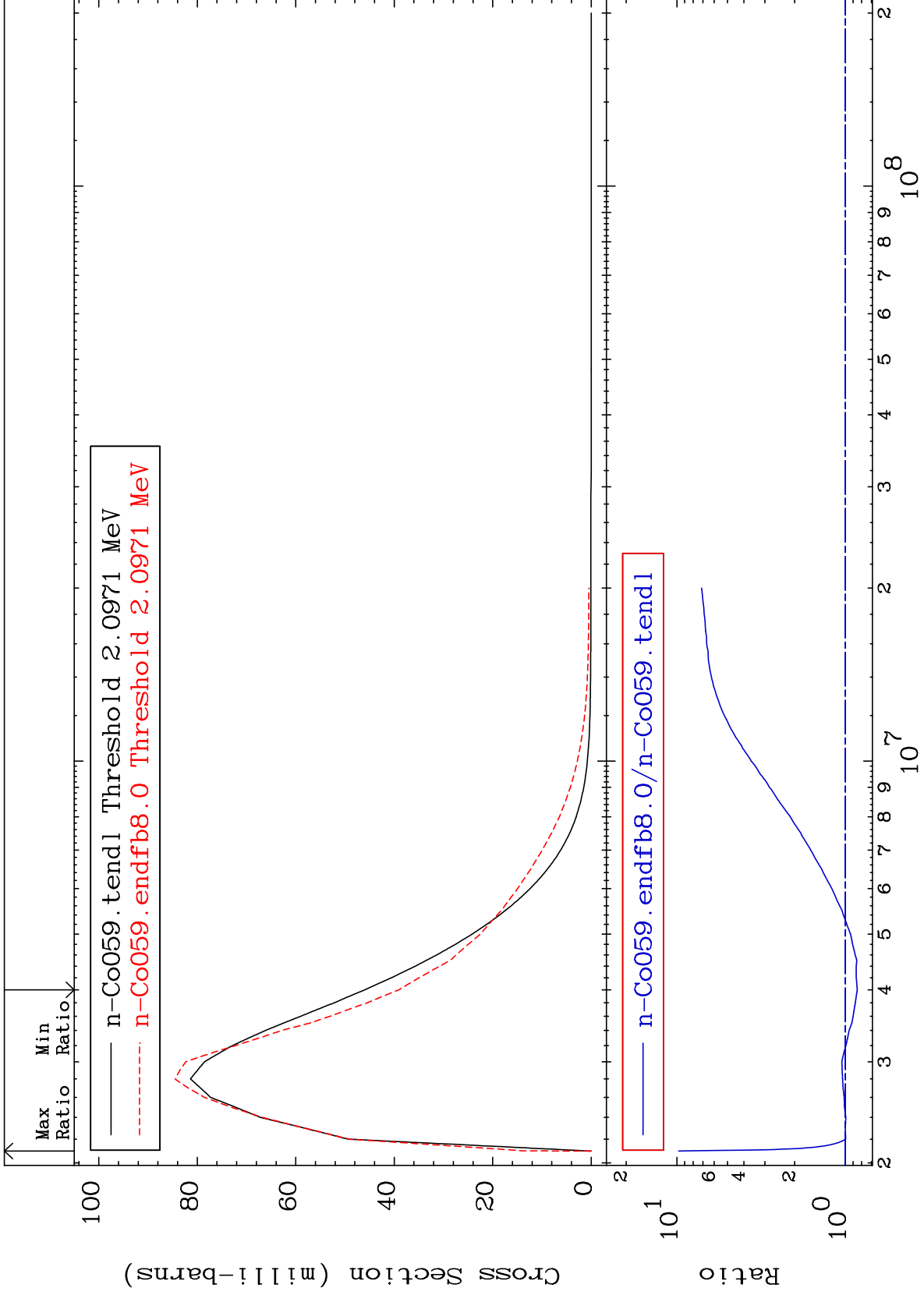
27-Co-59



MAT 2725

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

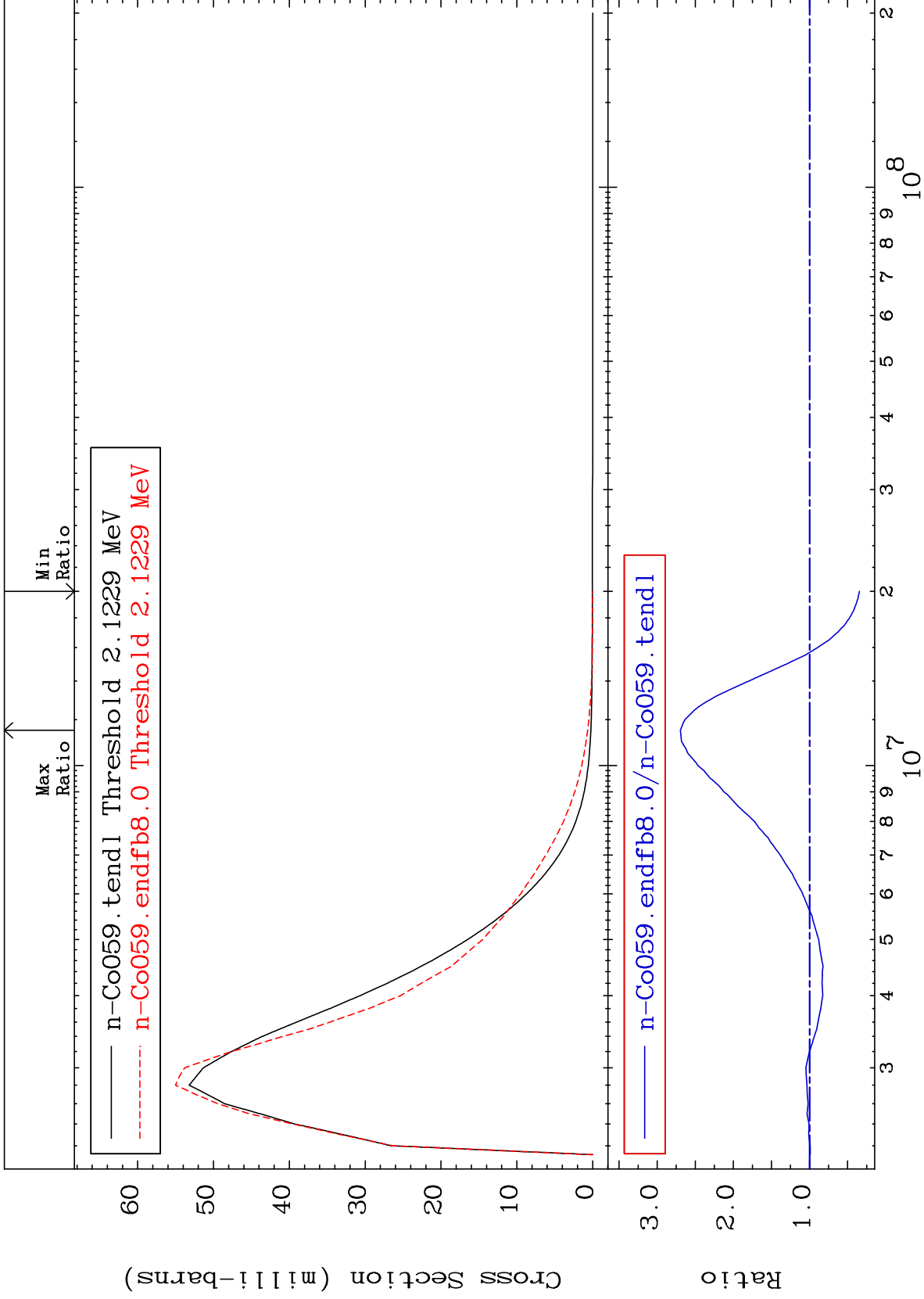
27-Co-59  
-15.02 To 875.7 %



MAT 2725

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

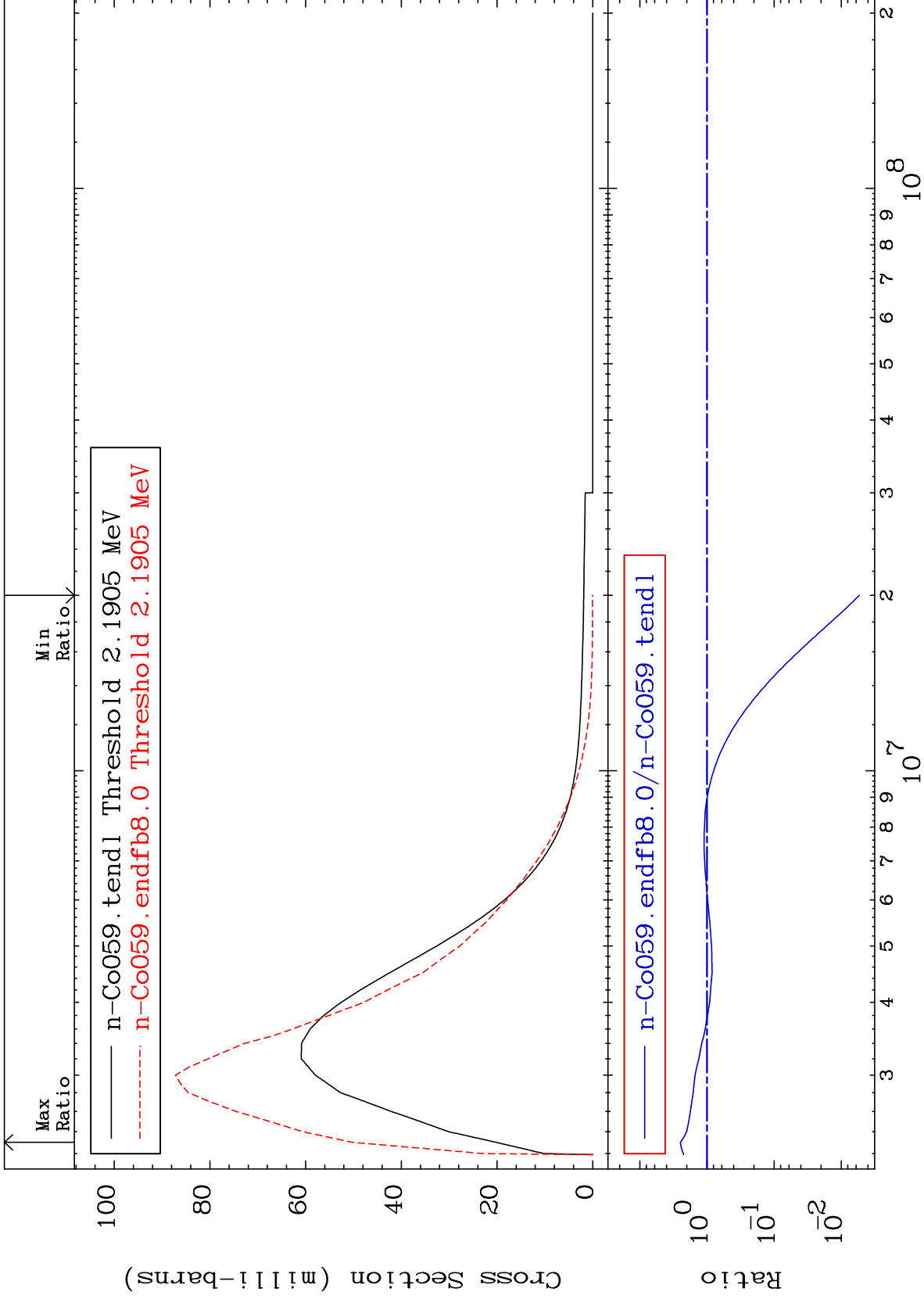
27-Co-59  
-65.51 To 169.6 %



18

Incident Energy (eV)

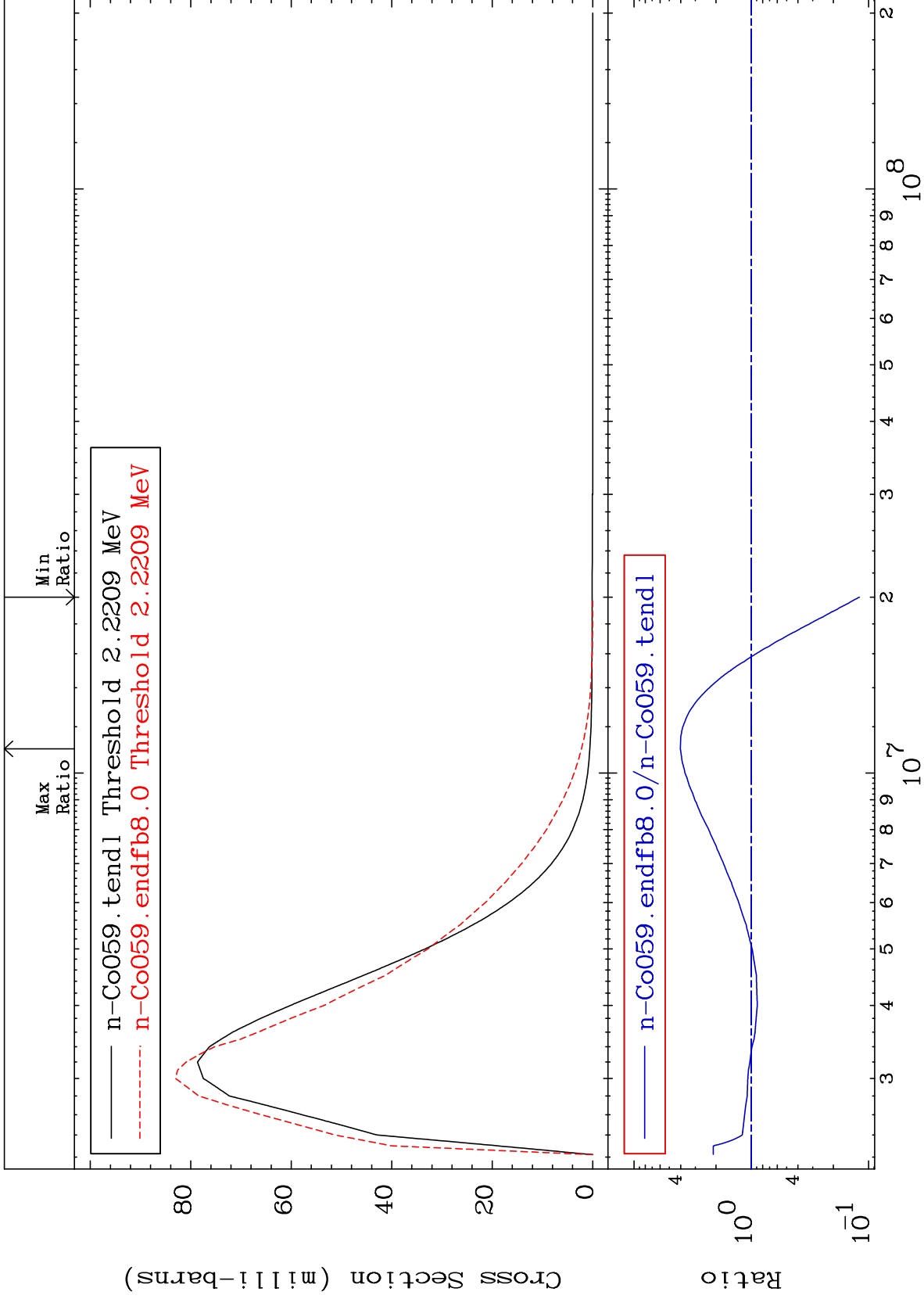
27-Co-59



MAT 2725

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

27-Co-59  
-88.02 To 302.5 %



20

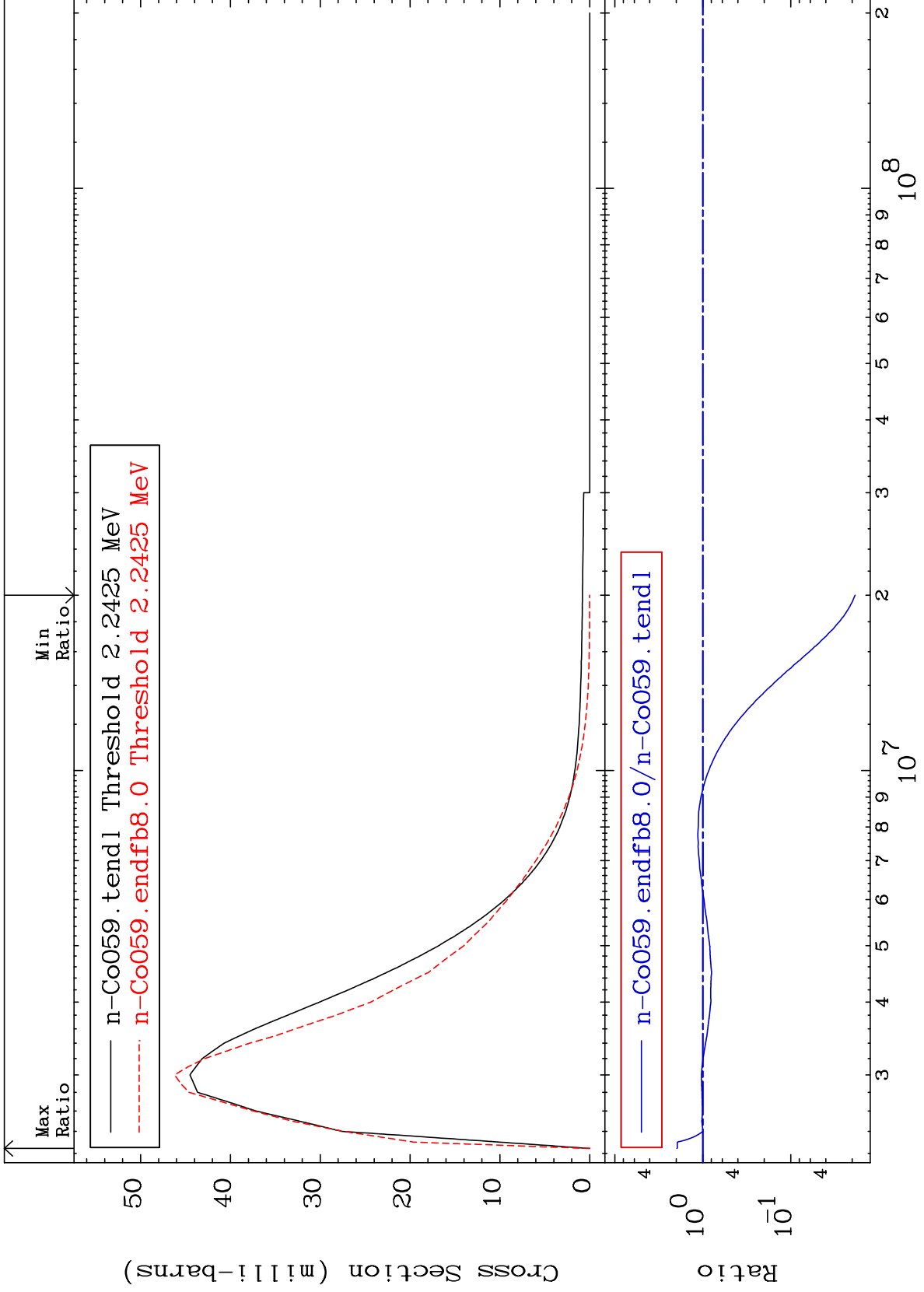
27-Co-59

27-Co-59

MAT 2725

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

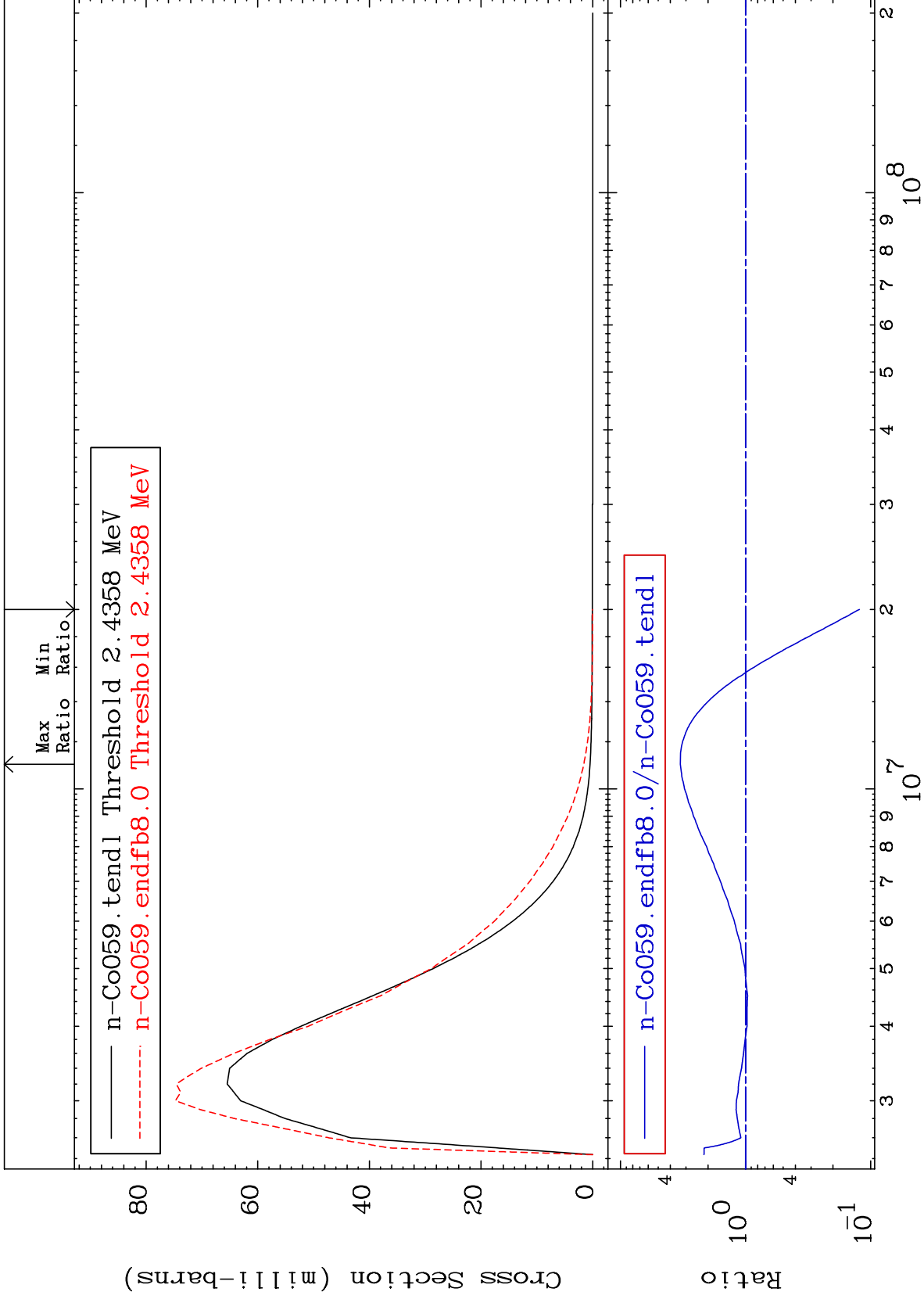
27-Co-59  
-98.14 To 96.71 %



MAT 2725

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

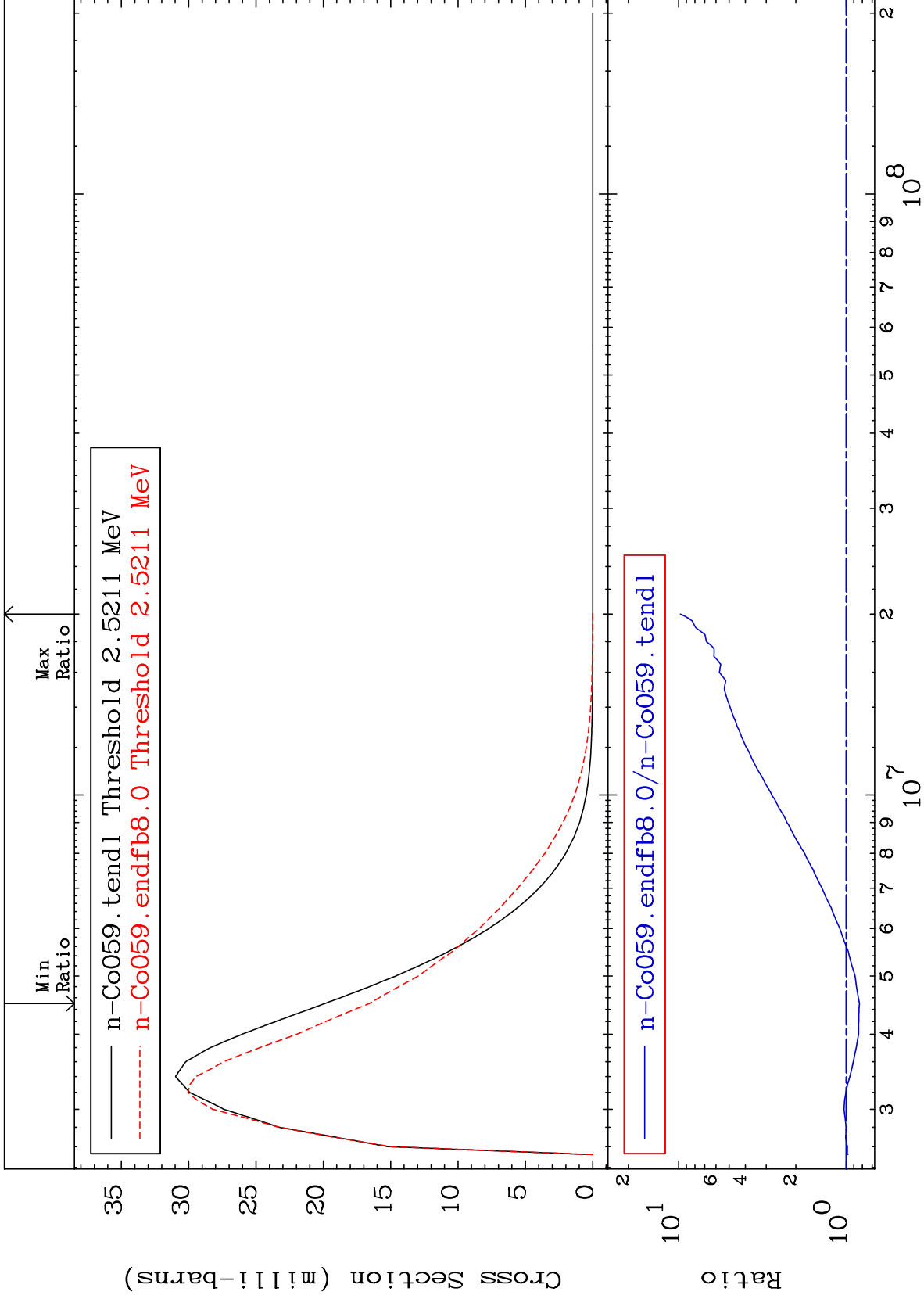
27-Co-59  
-87.72 To 232.4 %

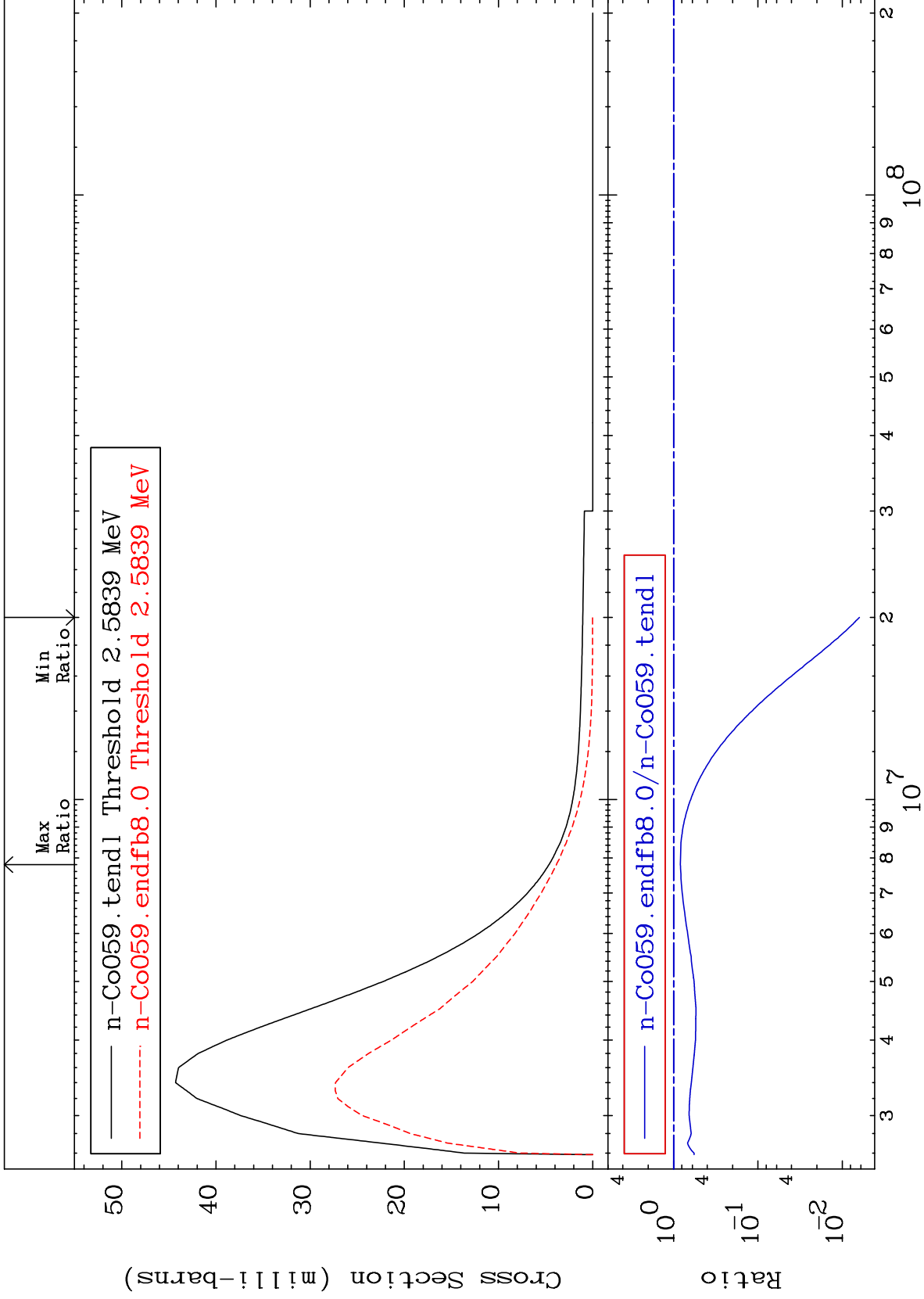


MAT 2725

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

27-Co-59  
-16.63 To 878.1 %



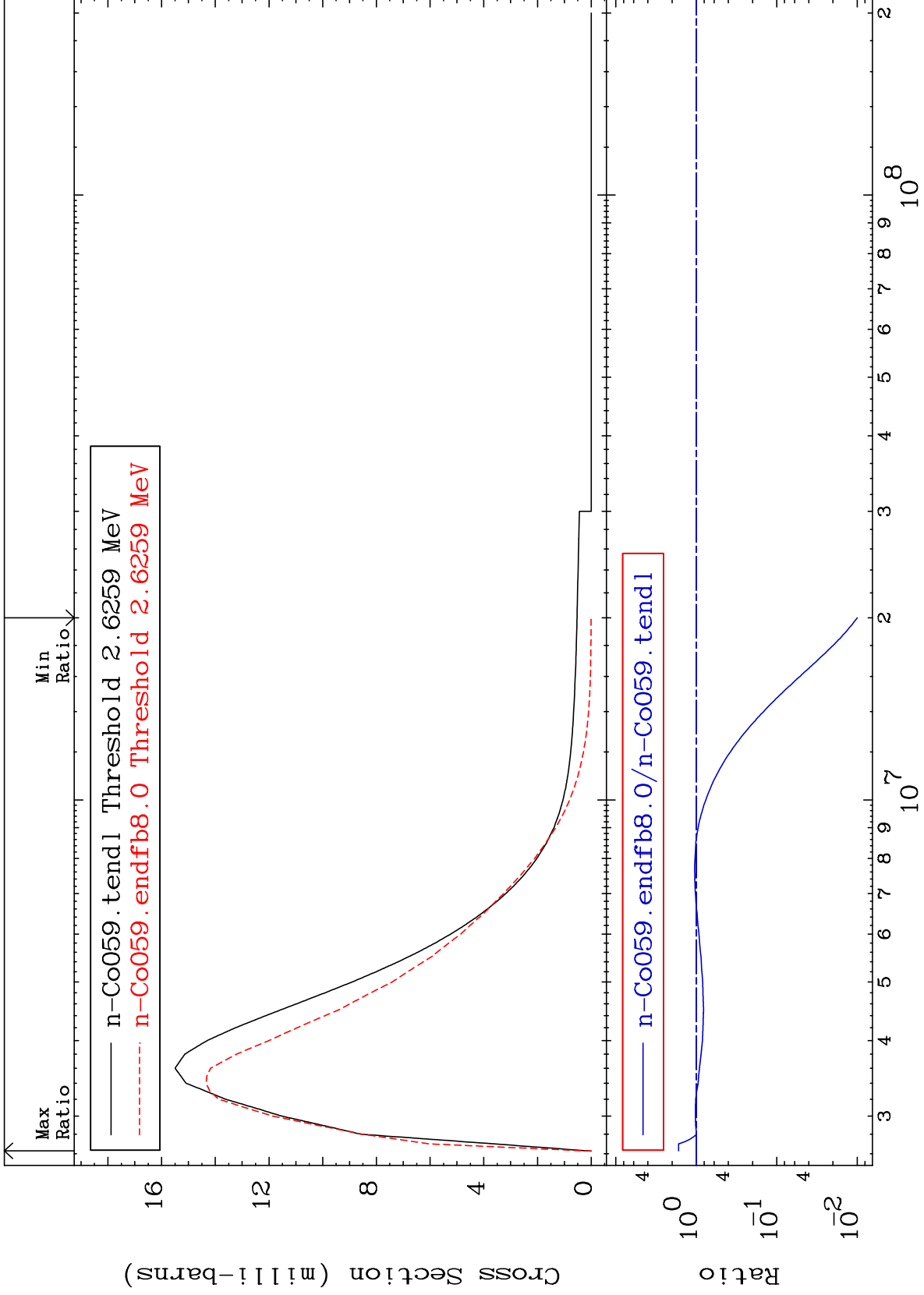


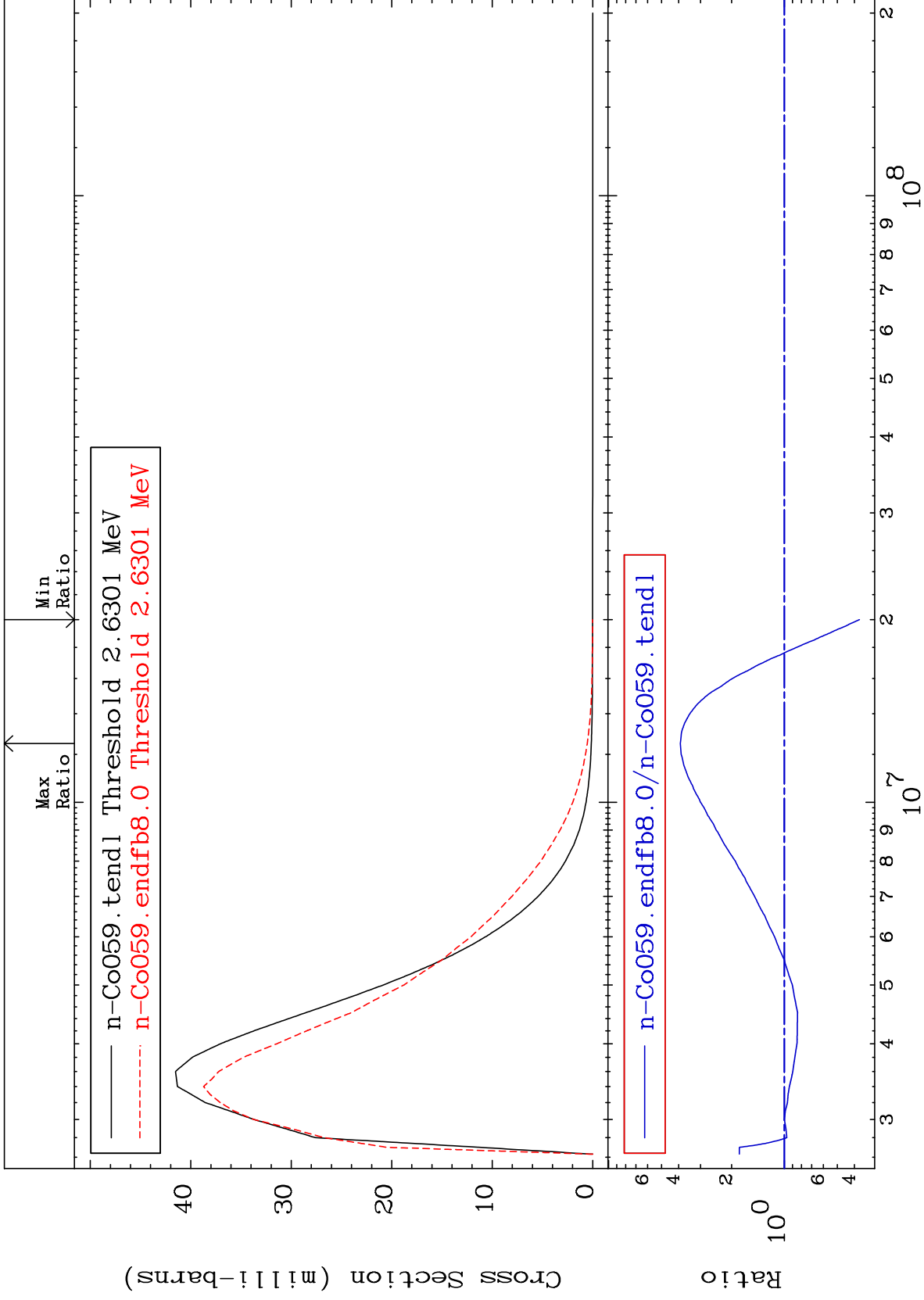


MAT 2725

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

27-Co-59  
-99.00 To 65.88 %

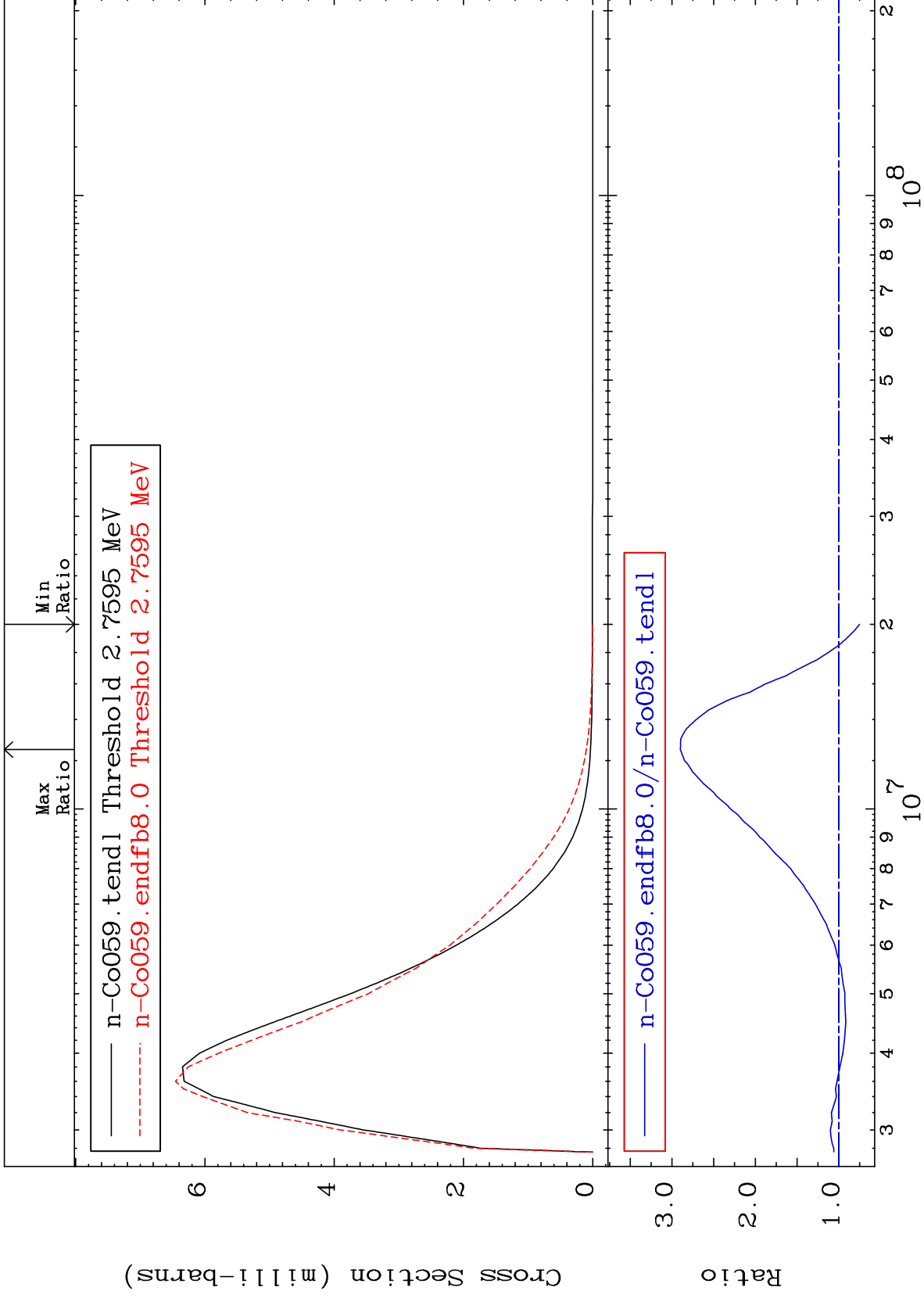




MAT 2725

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

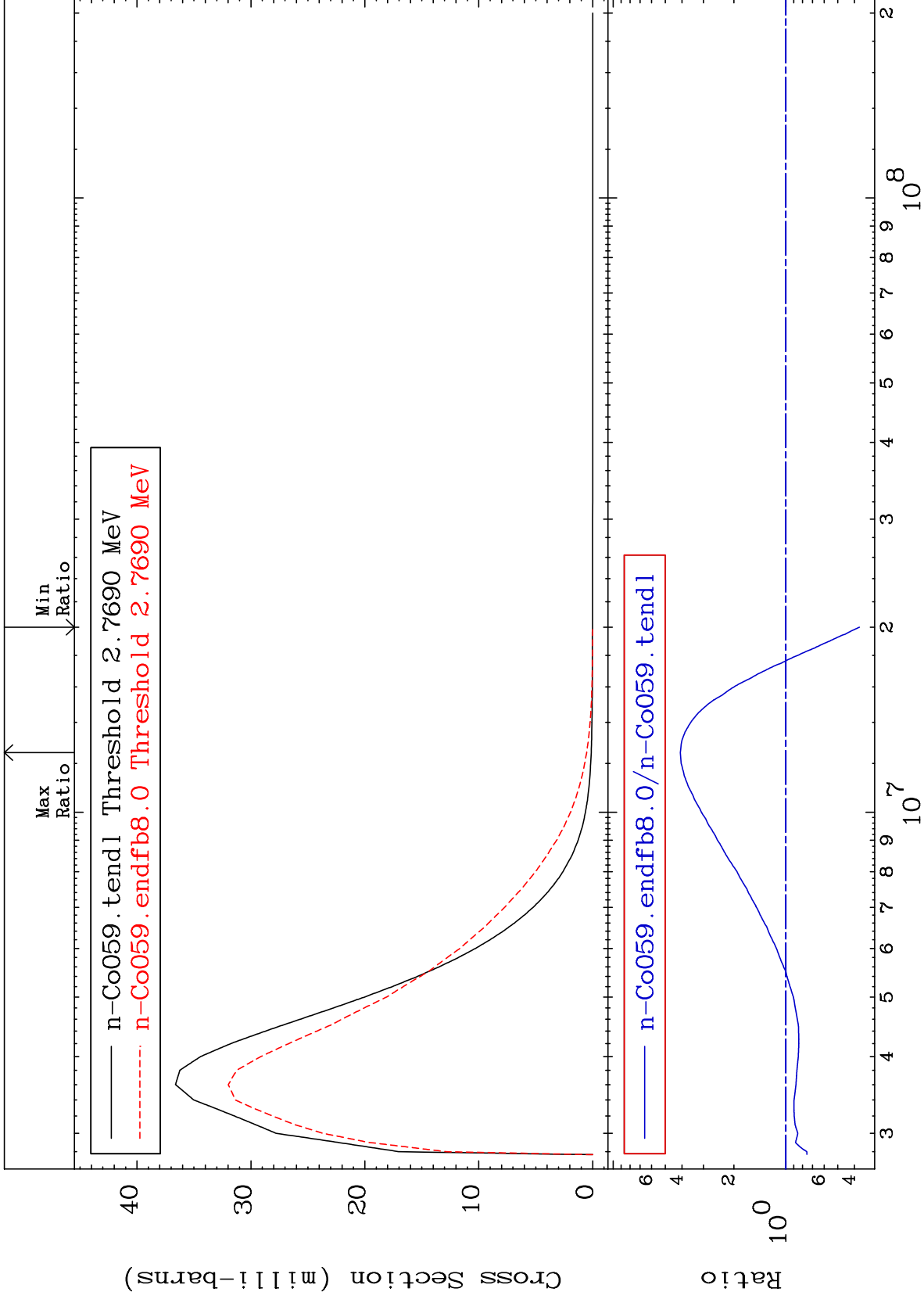
27-Co-59  
-24.76 To 190.0 %



27

Incident Energy (eV)

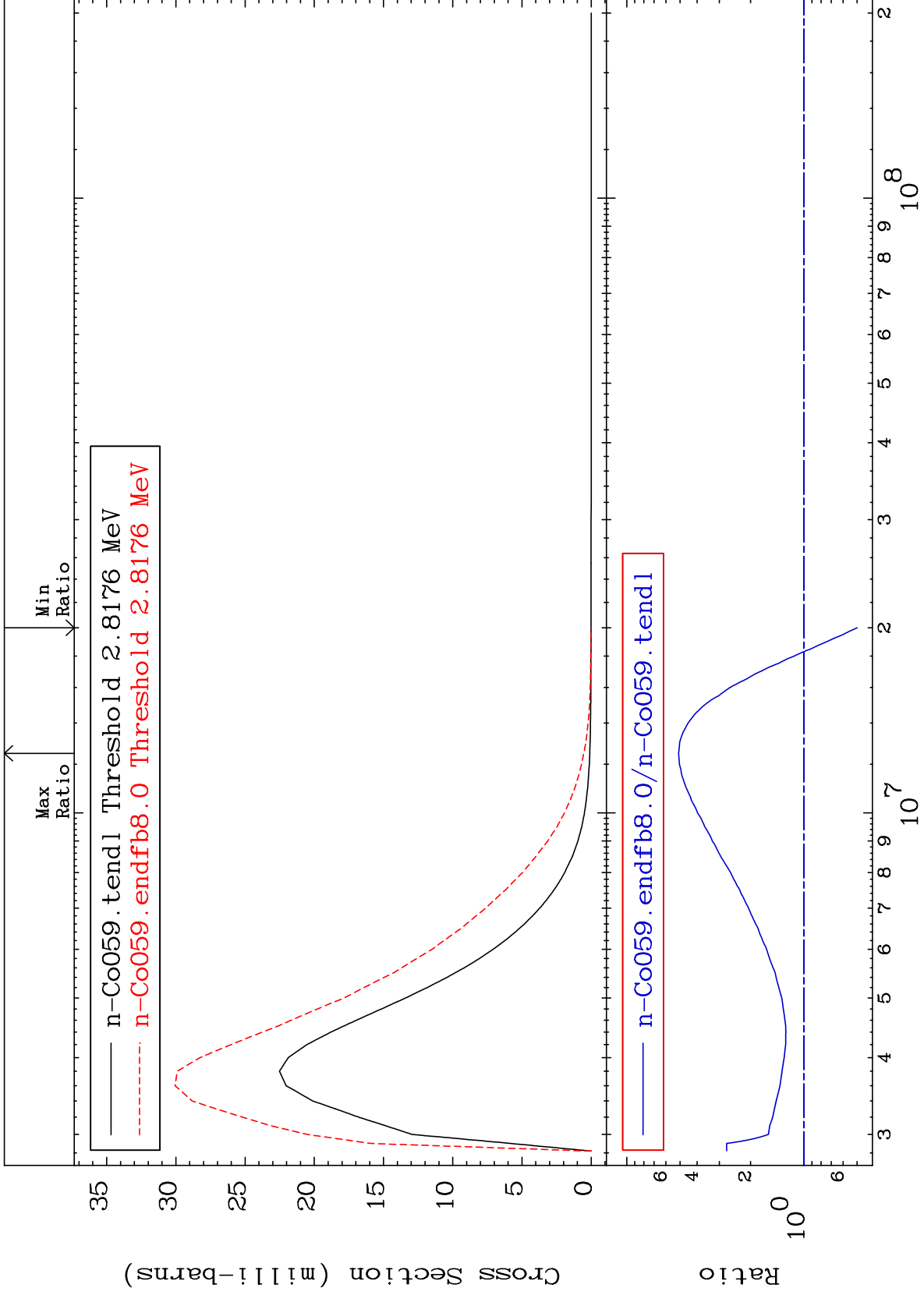
27-Co-59



MAT 2725

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

27-Co-59  
-50.07 To 409.1 %



29

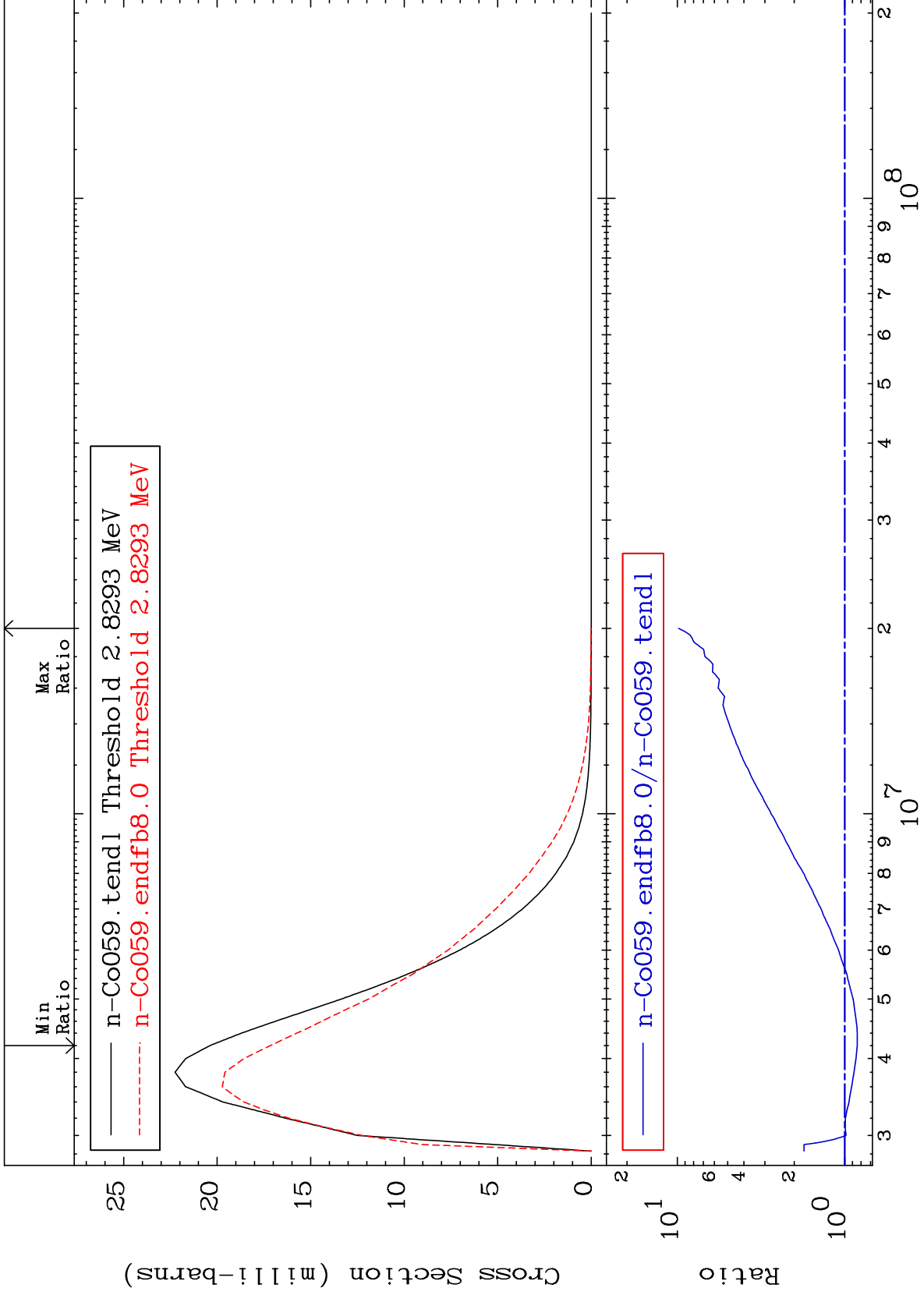
Incident Energy (eV)

27-Co-59

MAT 2725

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

27-Co-59  
-15.83 To 882.1 %



30

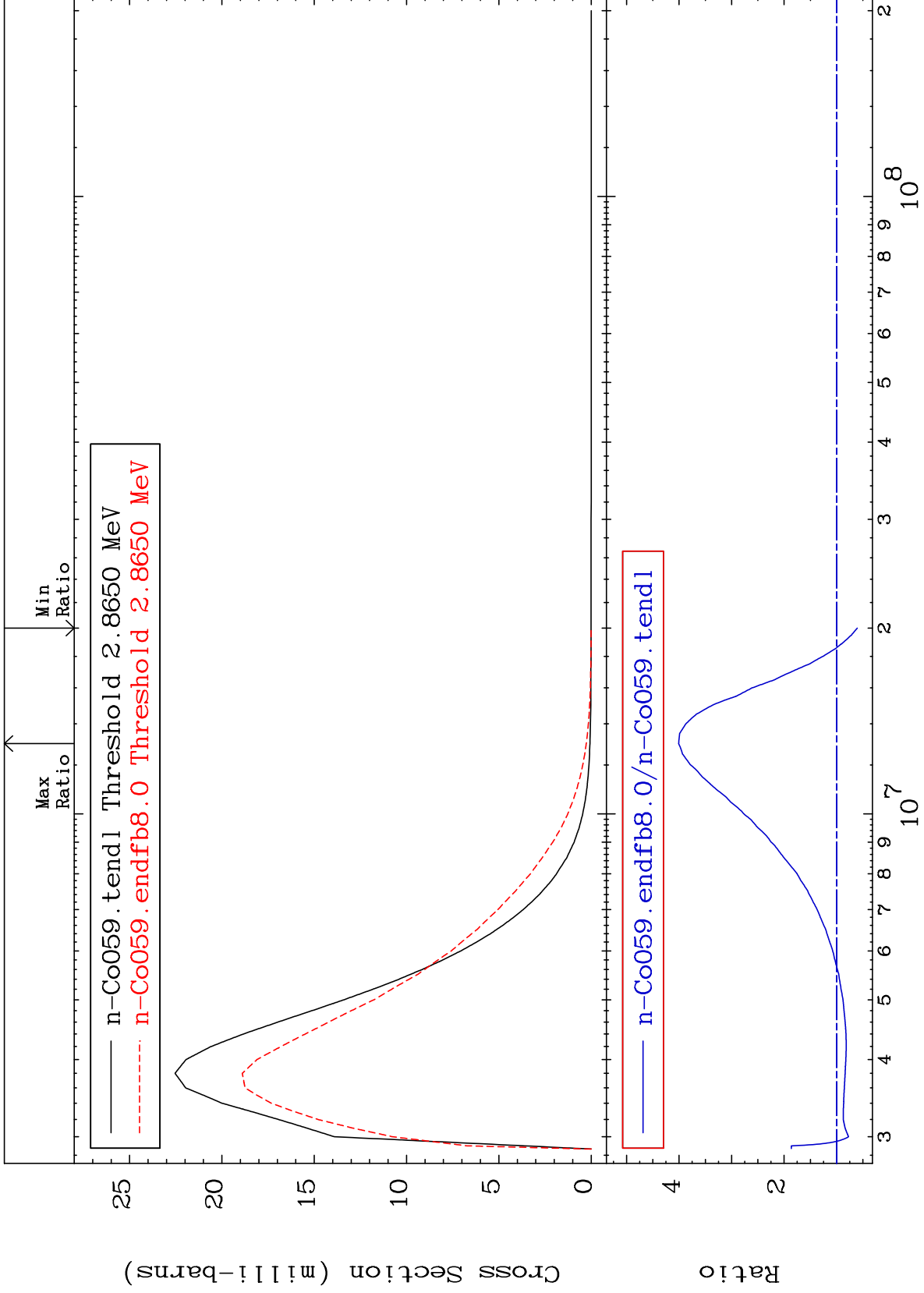
Incident Energy (eV)

27-Co-59

MAT 2725

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

27-Co-59  
-39.25 To 300.8 %



31

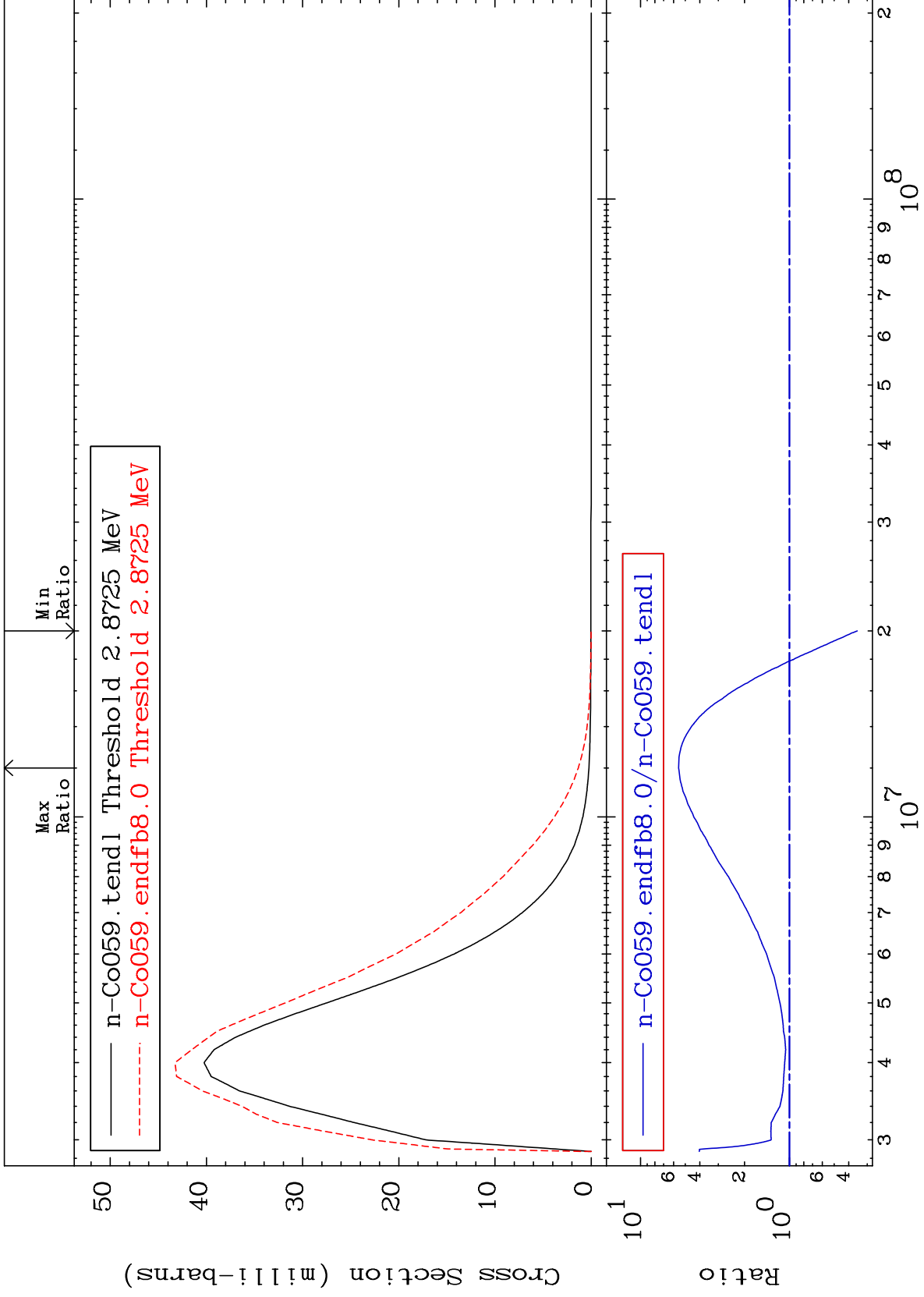
Incident Energy (eV)

27-Co-59

MAT 2725

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

27-Co-59  
-65.00 To 454.2 %

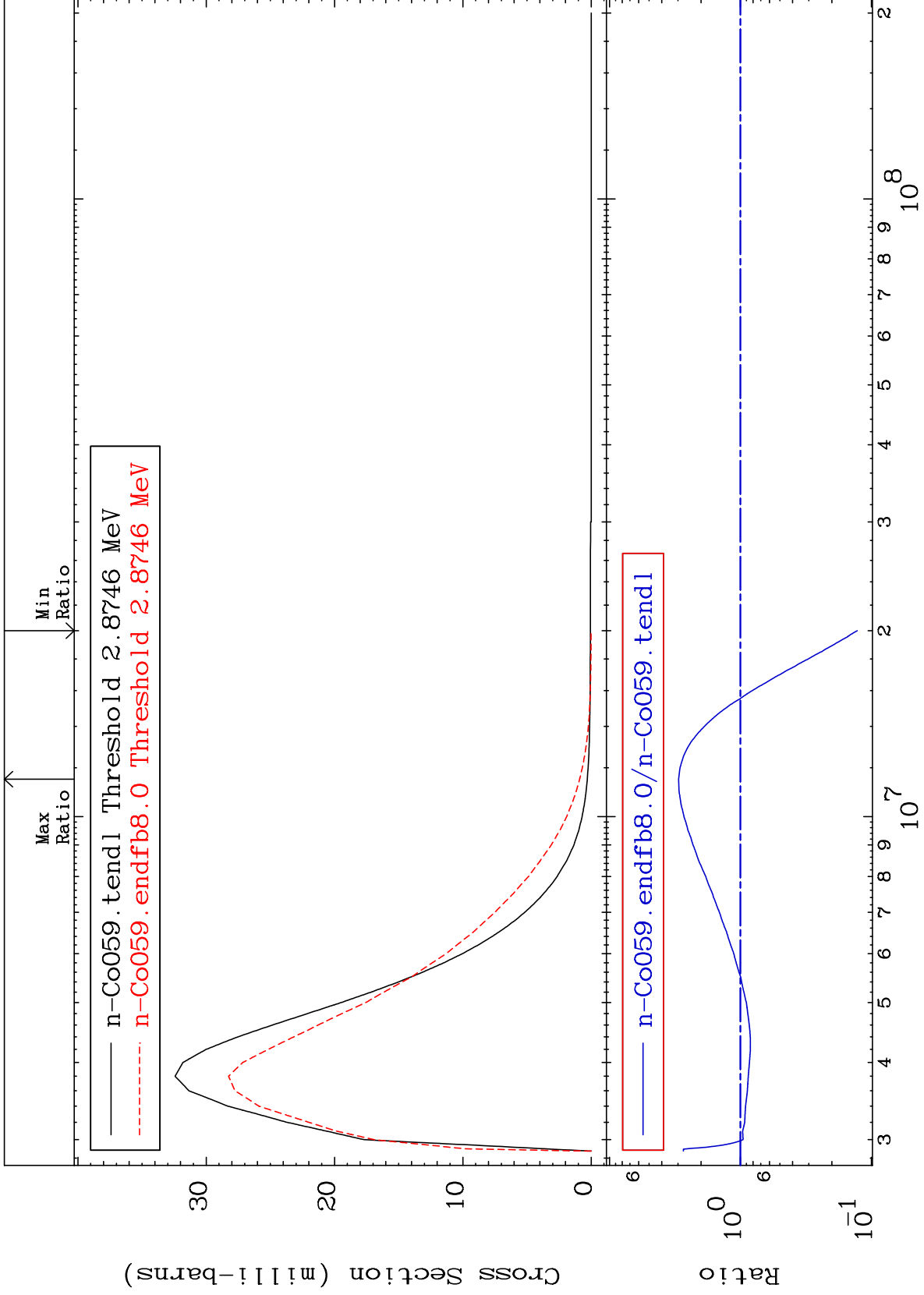




MAT 2725

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

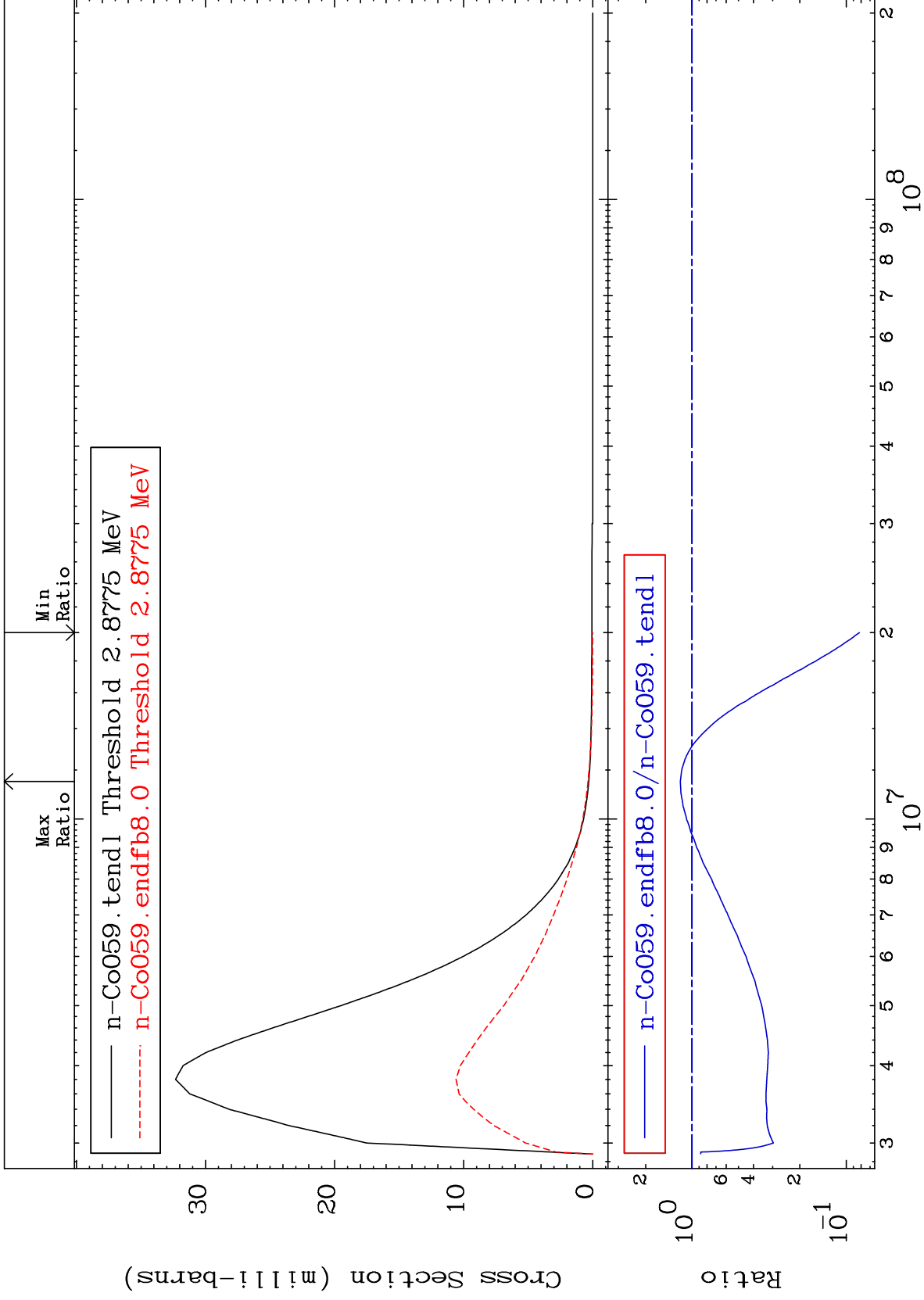
27-Co-59  
-87.20 To 196.7 %

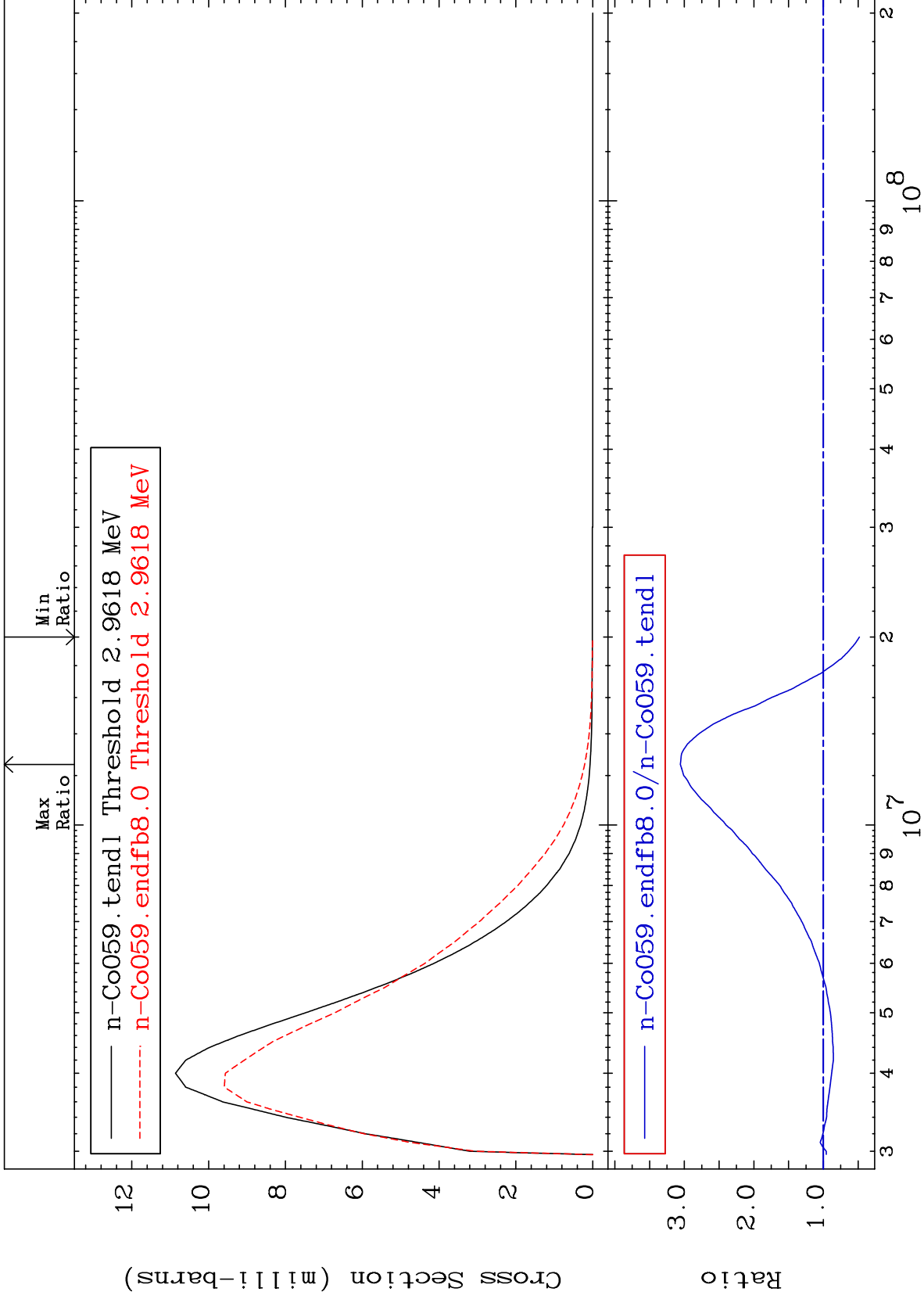


33

Incident Energy (eV)

27-Co-59

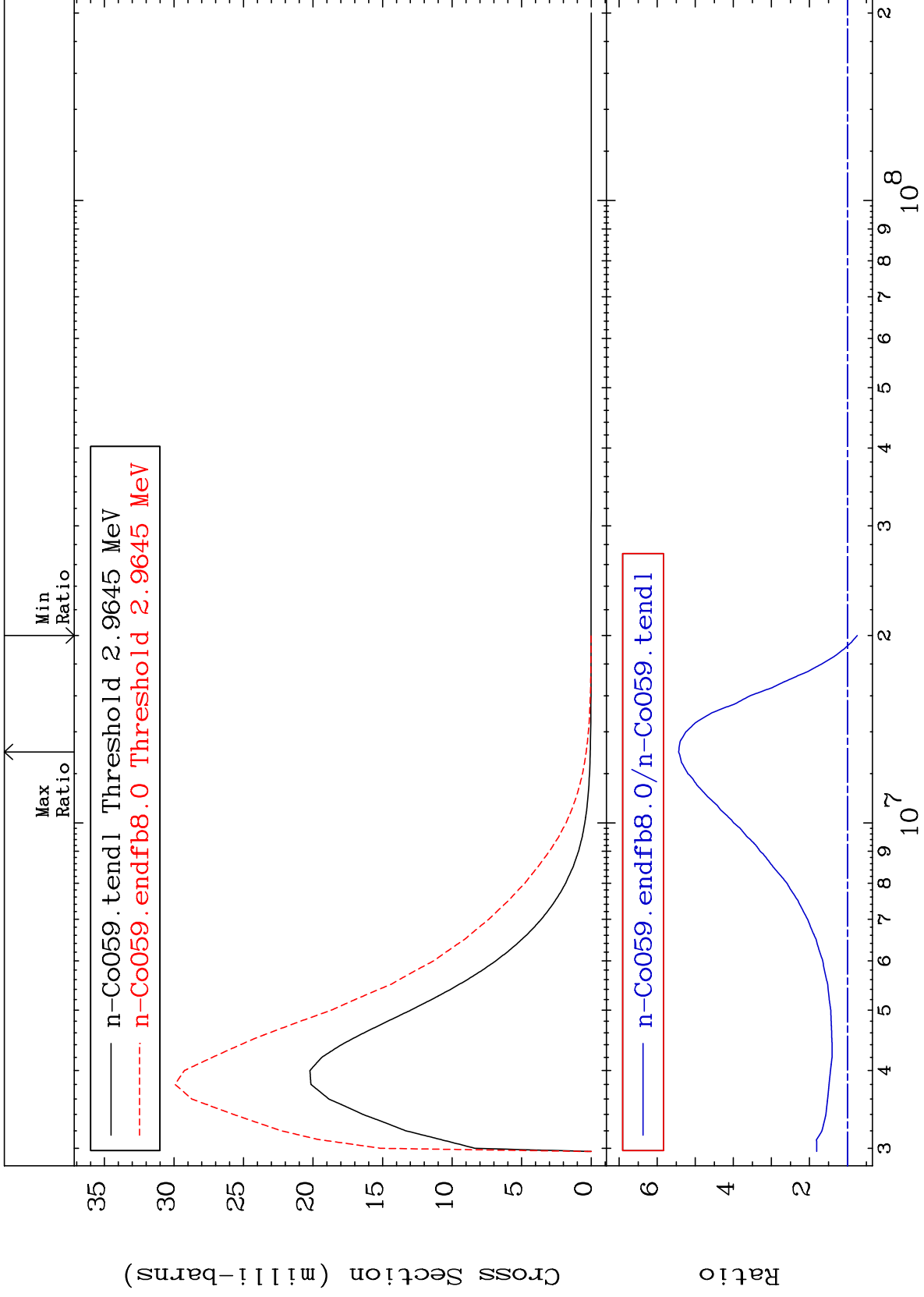




MAT 2725

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

27-Co-59  
-25.69 To 443.7 %



36

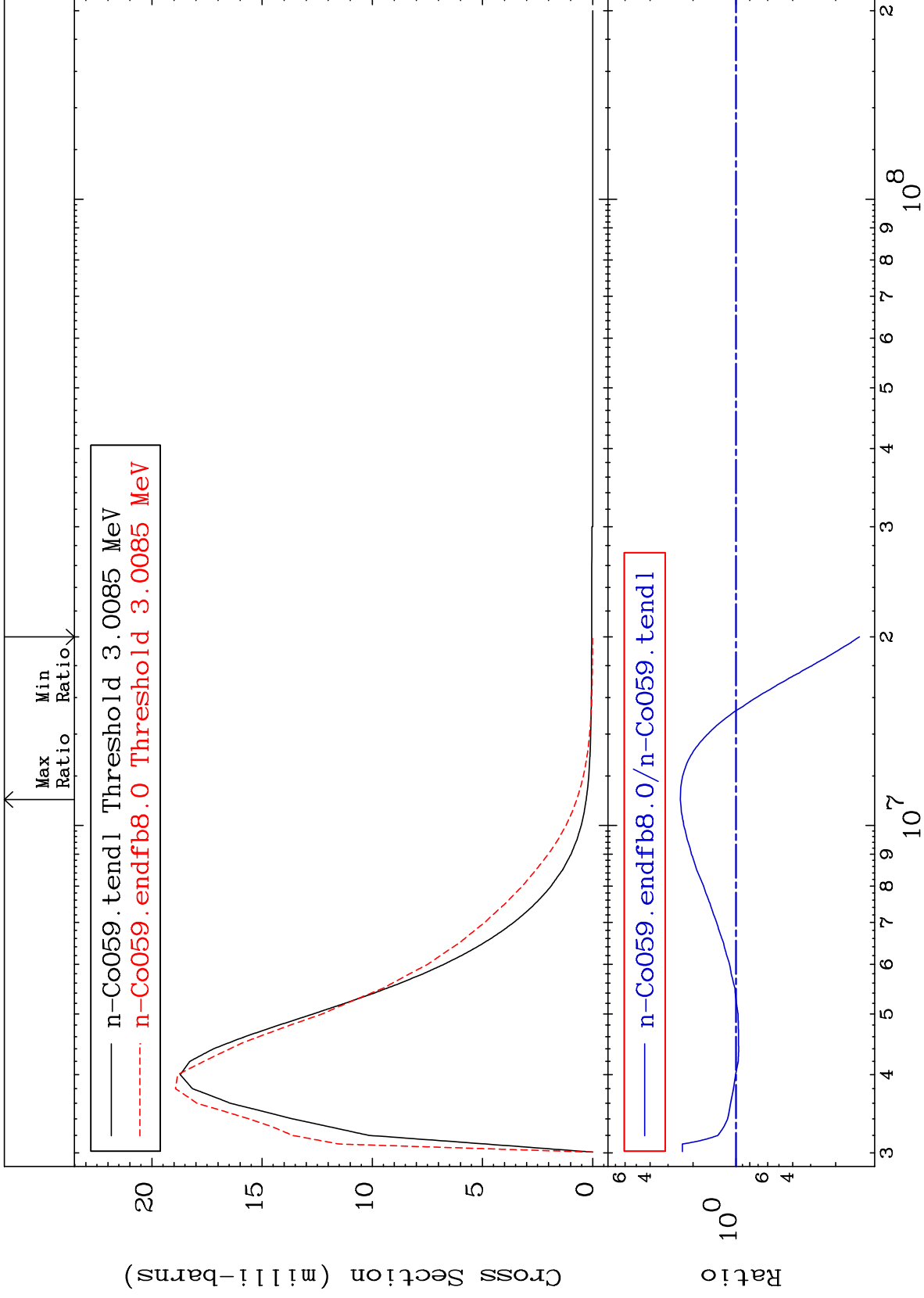
Incident Energy (eV)

27-Co-59

MAT 2725

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

27-Co-59  
-86.36 To 145.5 %



37

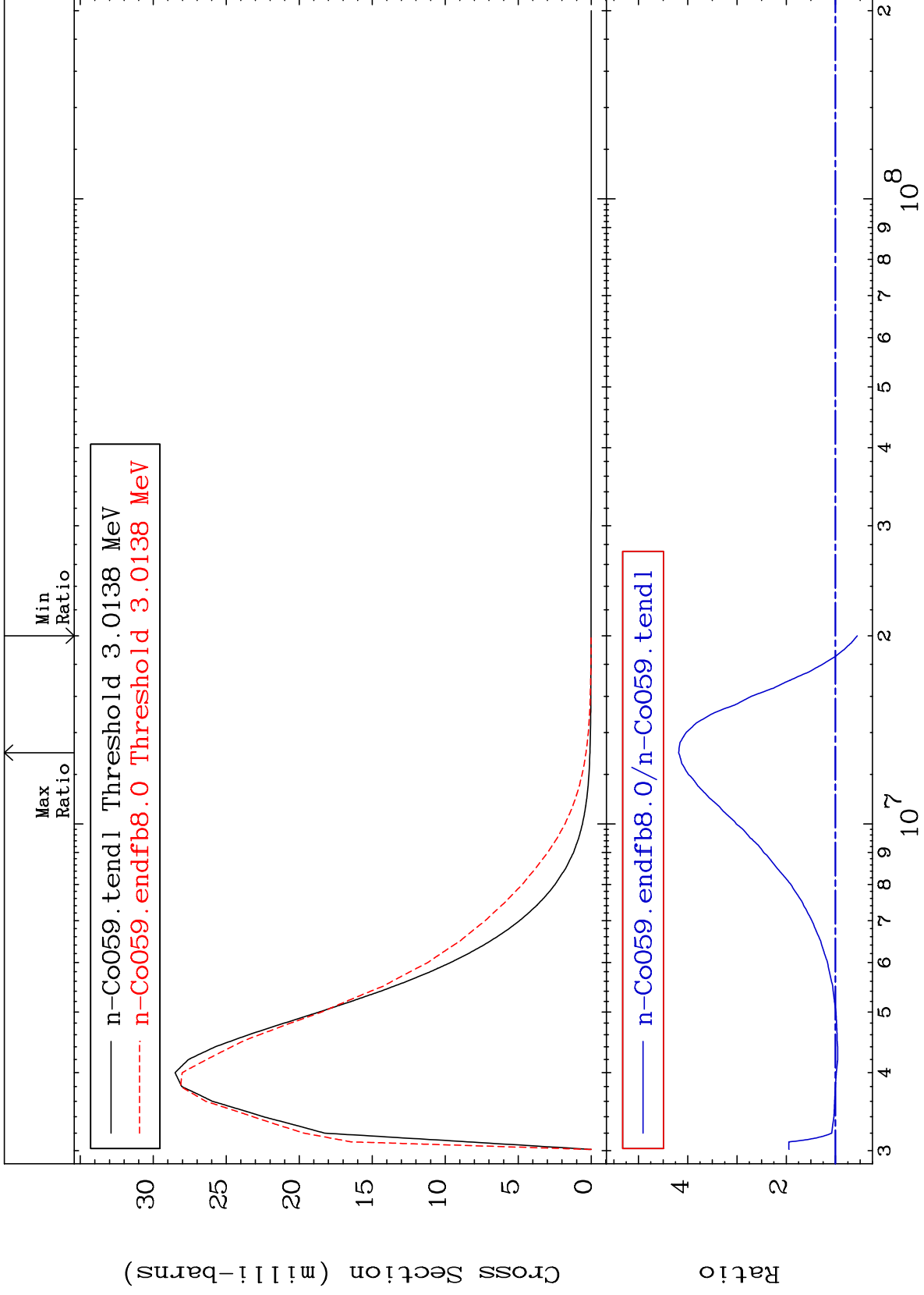
Incident Energy (eV)

27-Co-59

MAT 2725

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

27-Co-59  
-44.19 To 318.5 %



38

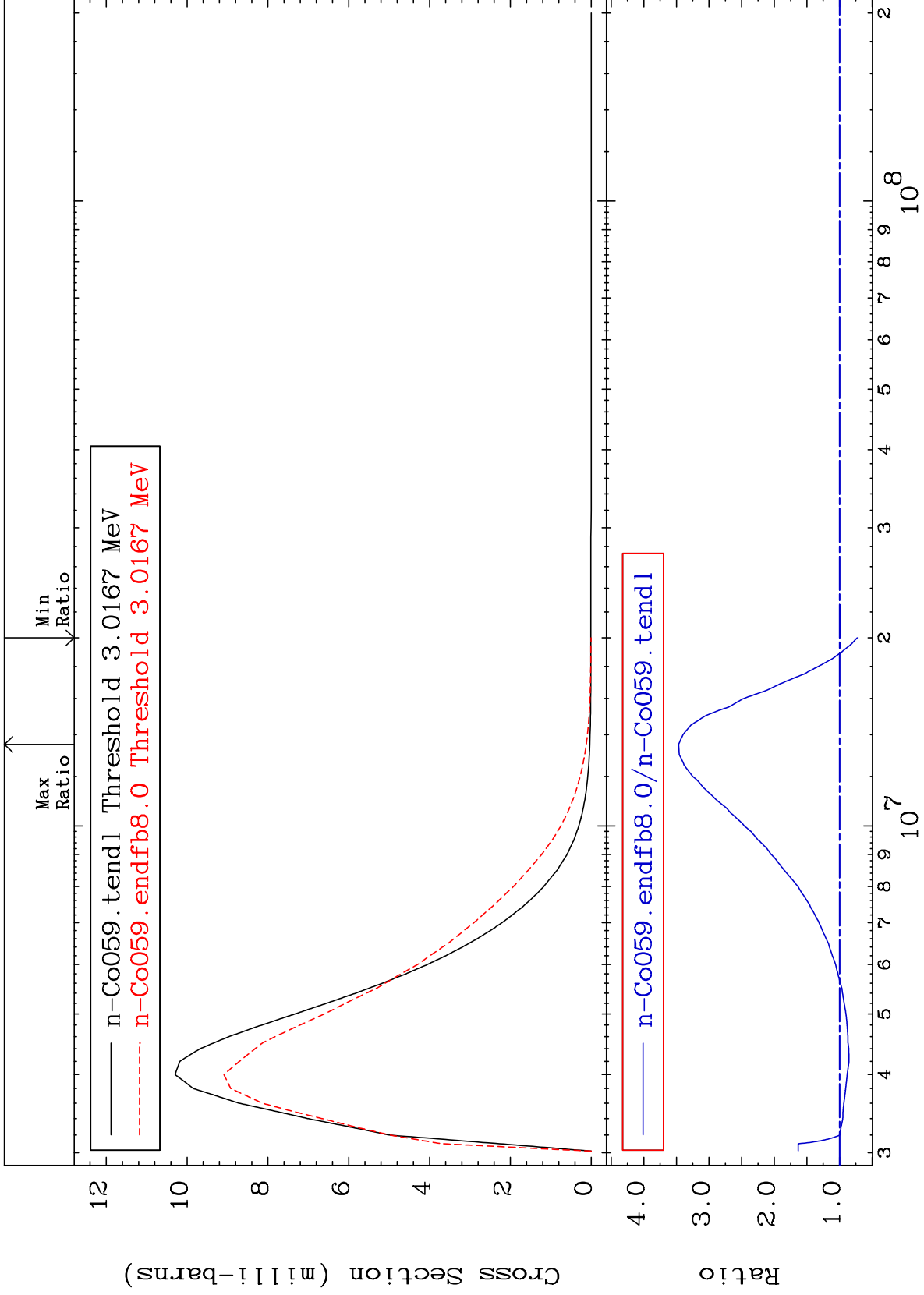
Incident Energy (eV)

27-Co-59

MAT 2725

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

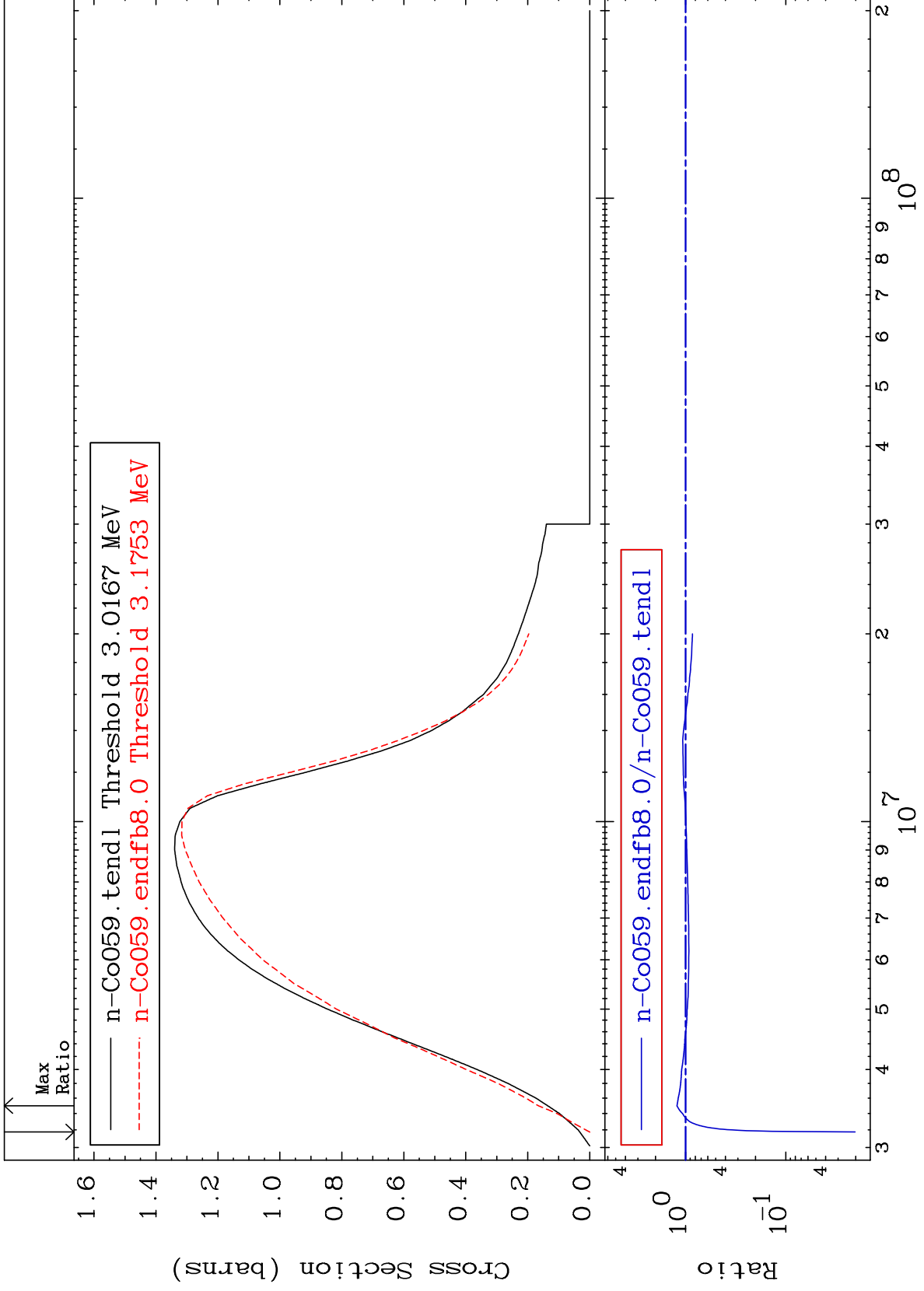
27-Co-59  
-27.16 To 246.6 %



MAT 2725

(n, n') Continuum  
Cross Section

27-Co-59  
-97.97 To 22.21 %



40

Incident Energy (eV)

27-Co-59



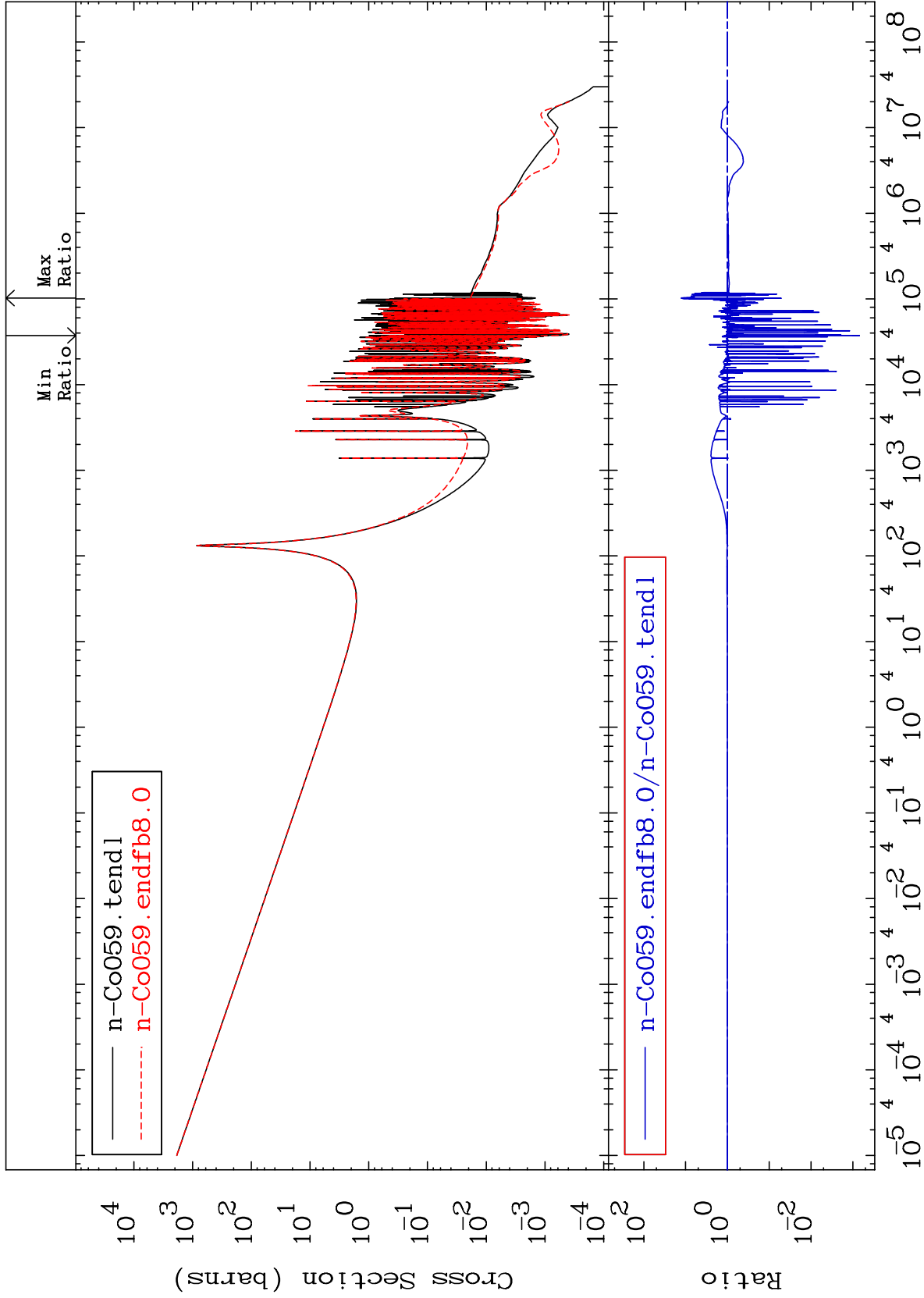
MAT 2725

(n,  $\gamma$ )

27-Co-59

Cross Section

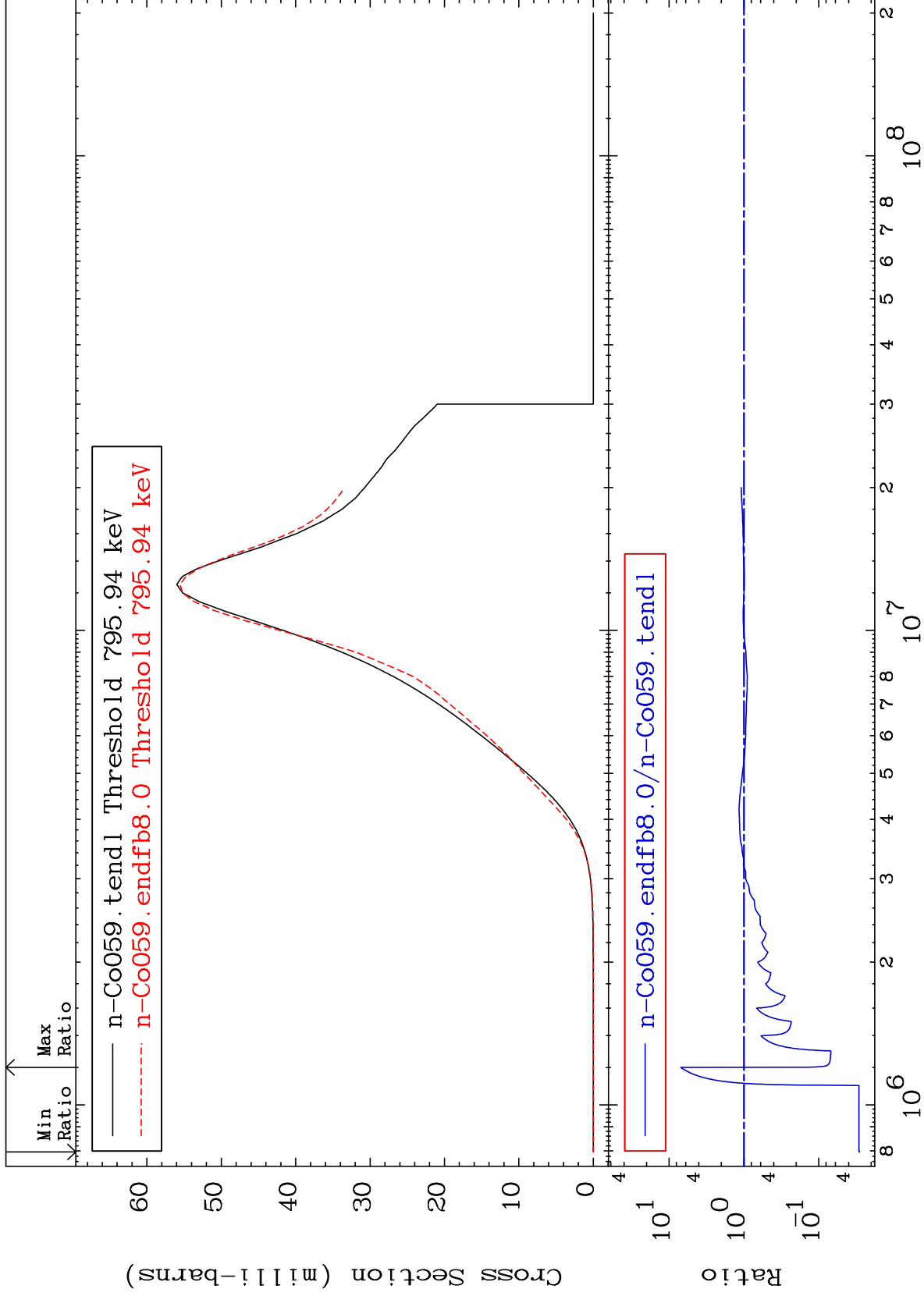
-99.93 To 1204. %



MAT 2725

(n,p)  
Cross Section

27-Co-59  
-97.14 To 598.1 %



42

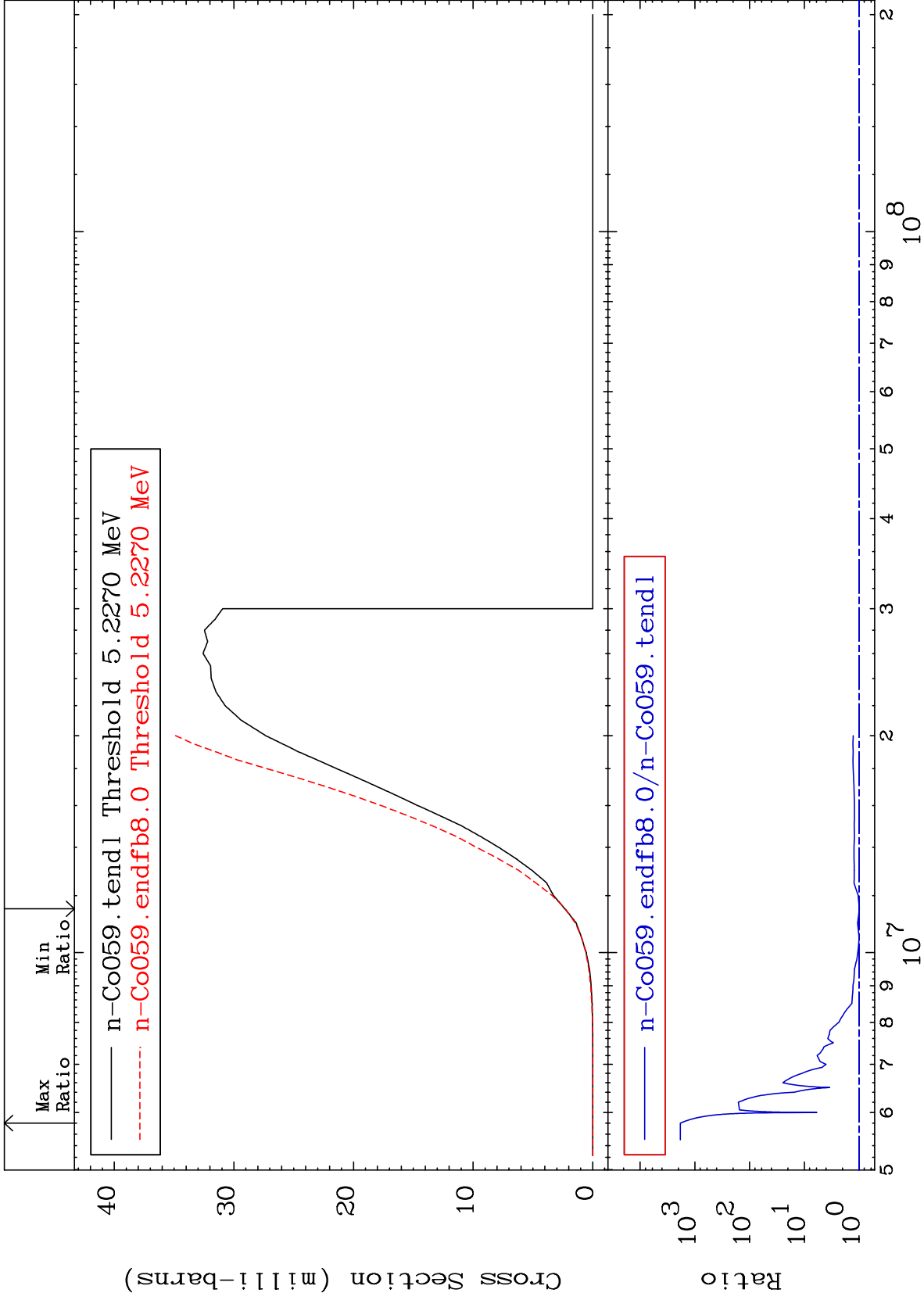
Incident Energy (eV)

27-Co-59

MAT 2725

(n, d)  
Cross Section

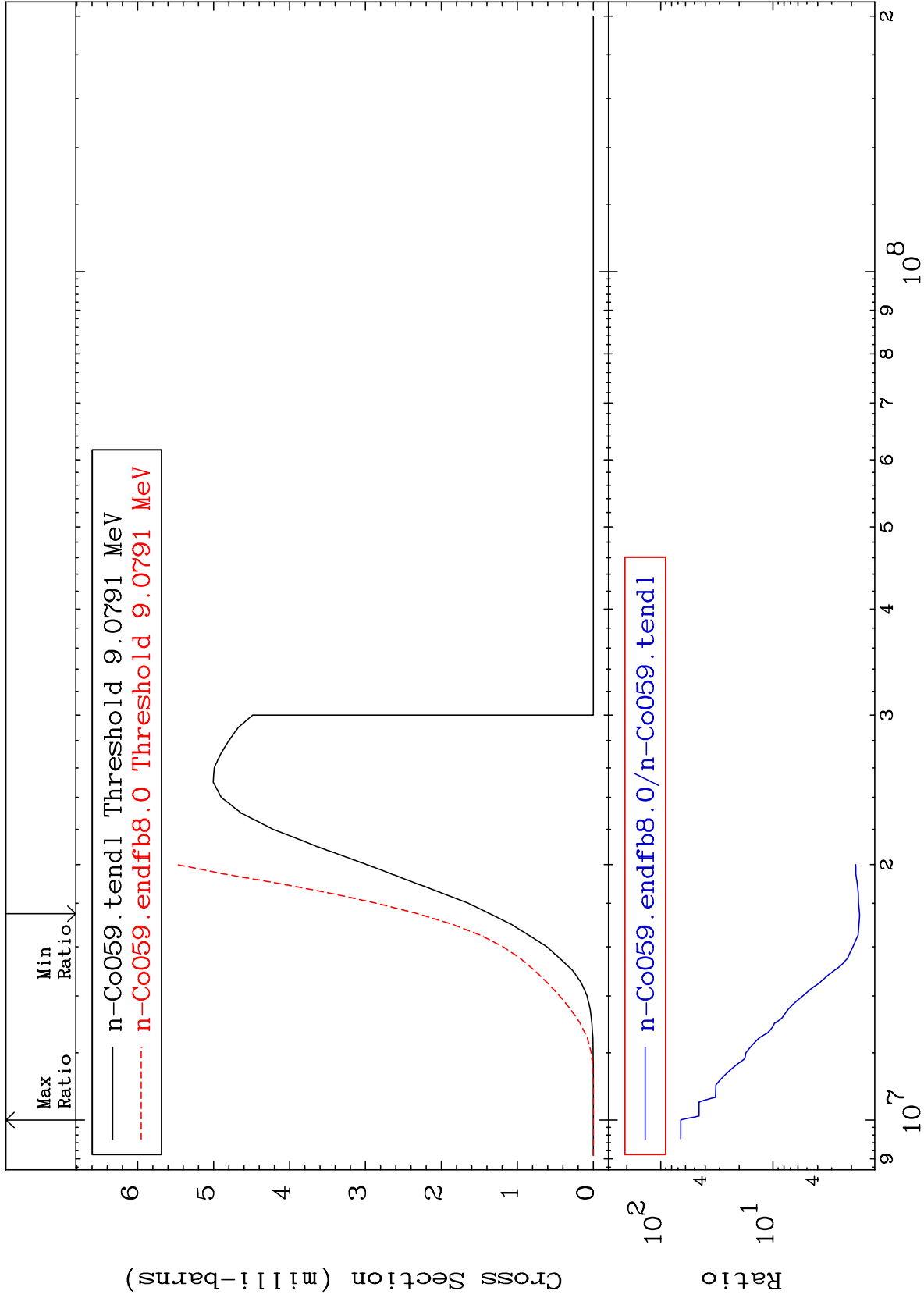
<sup>27</sup>Co-59  
-1.846 To 9999. %

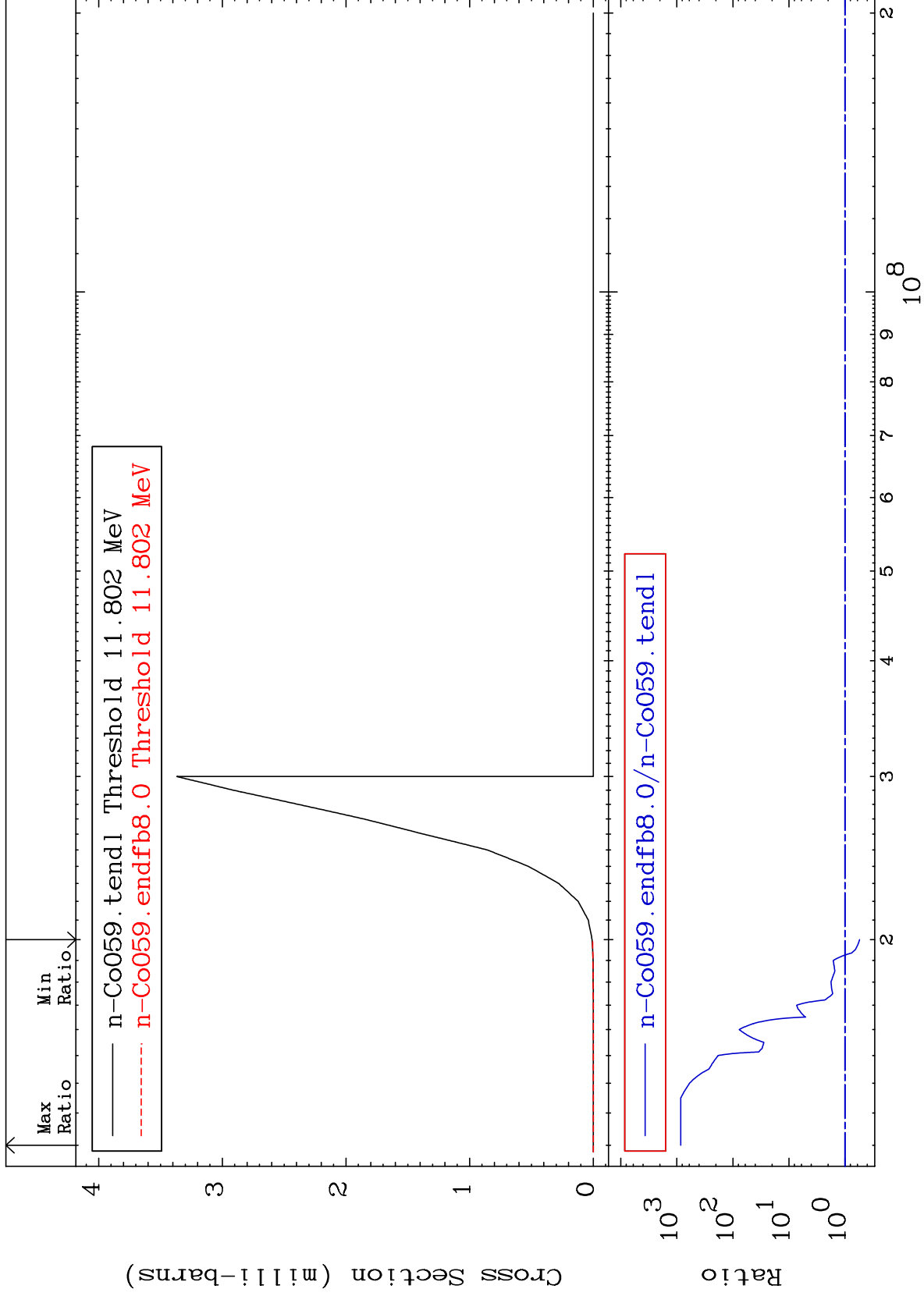


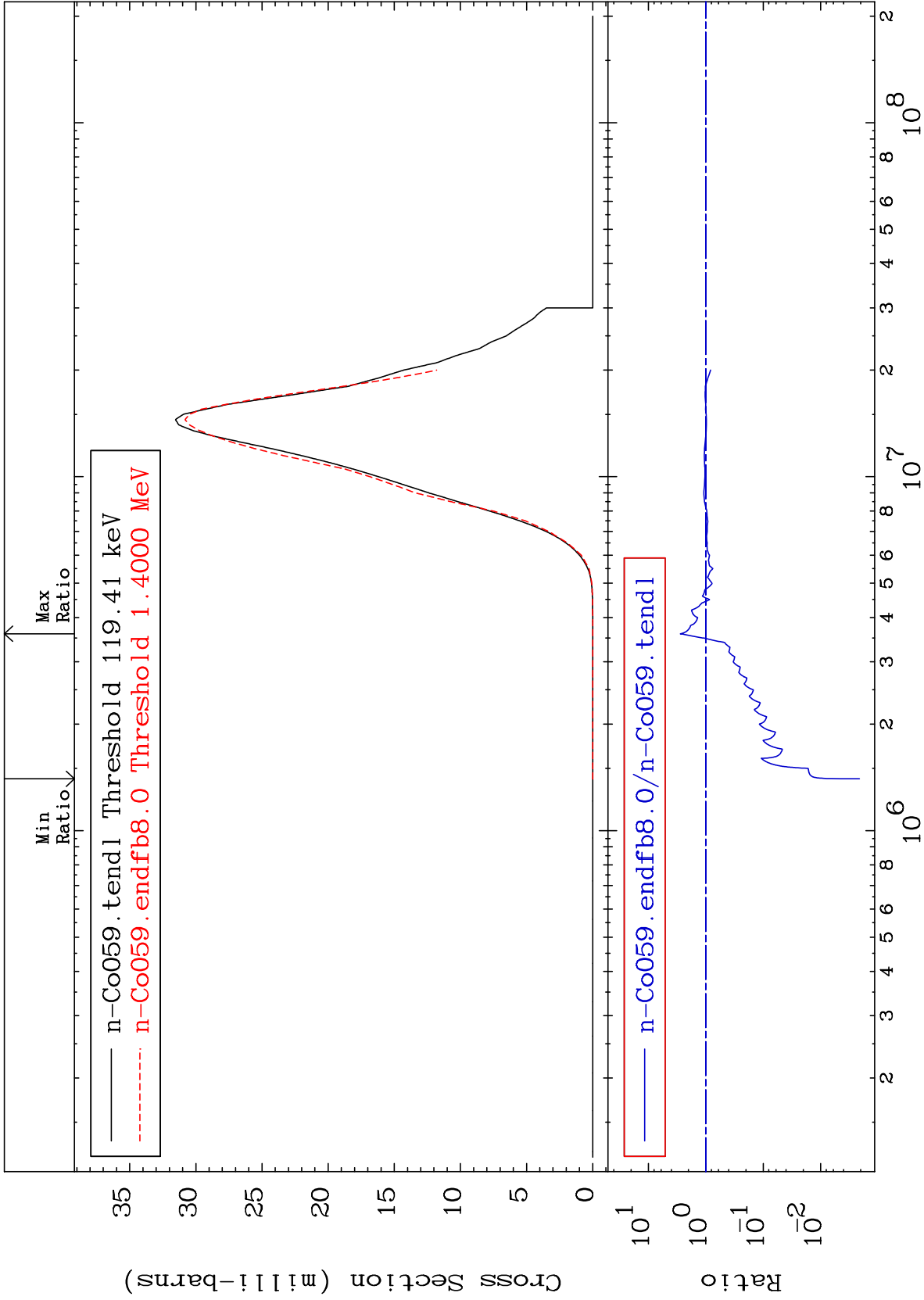
43

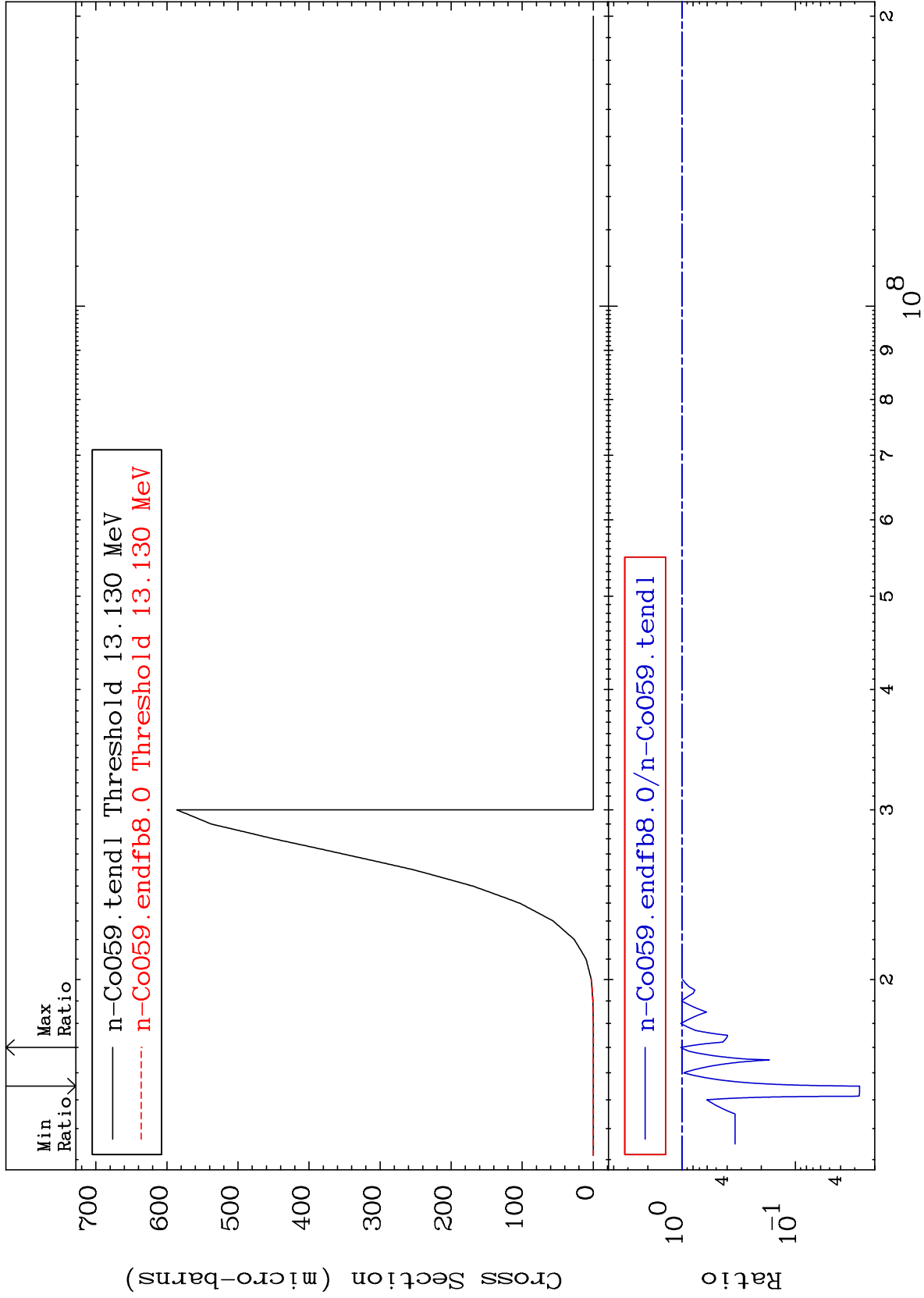
Incident Energy (eV)

<sup>27</sup>Co-59





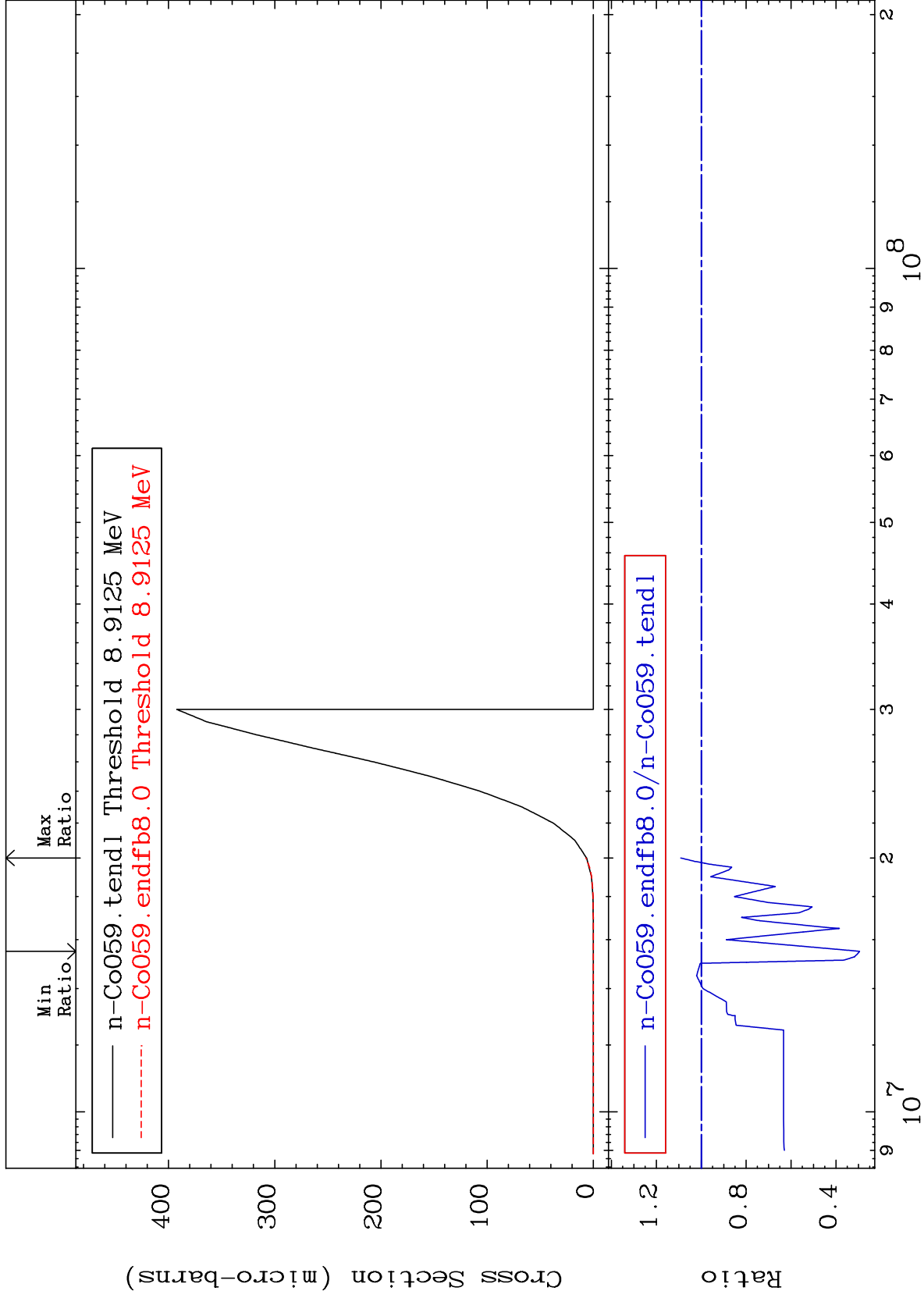




MAT 2725

(n, p)  $\alpha$   
Cross Section

27-Co-59  
-70.48 To 9.127 %

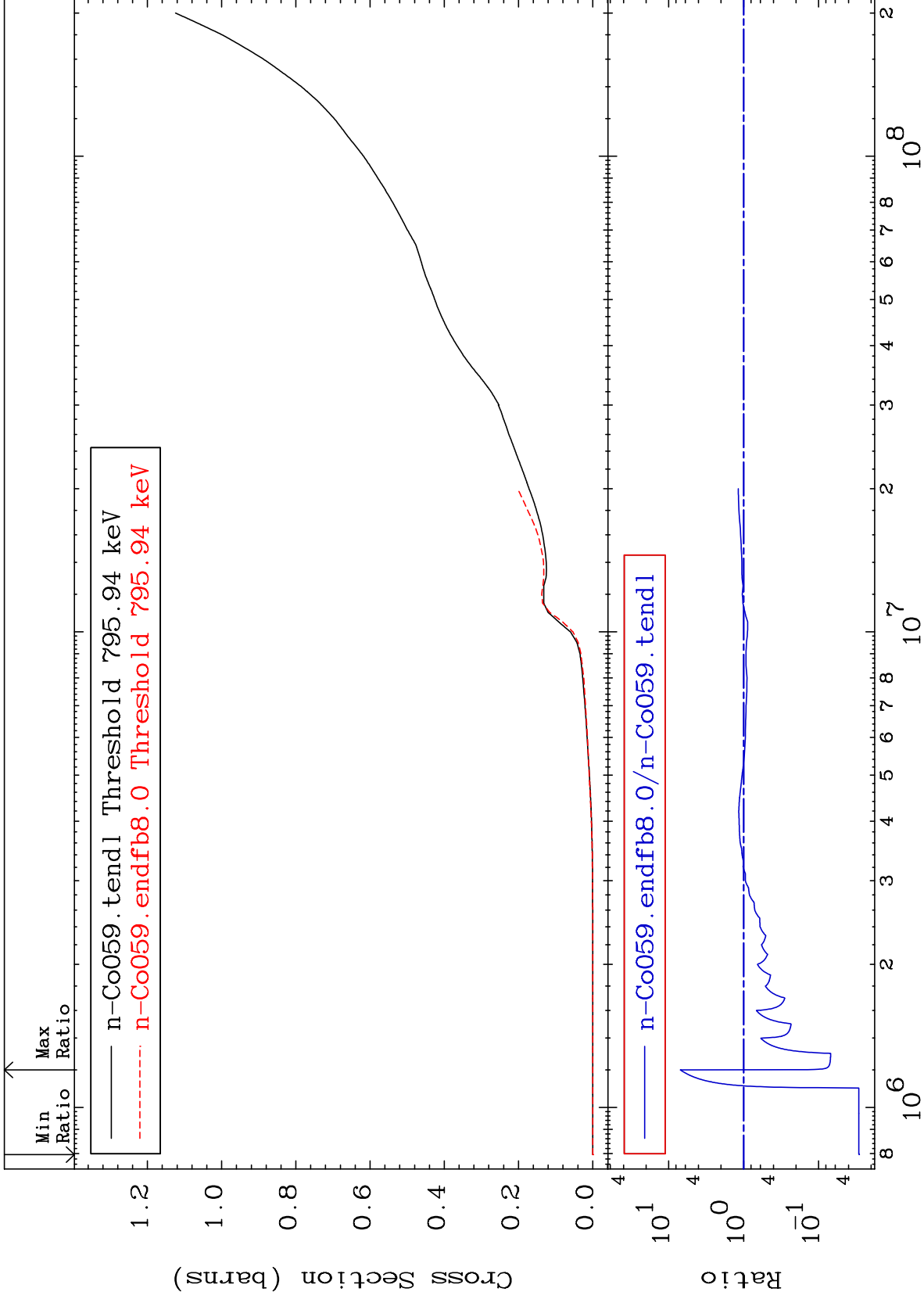


48

Incident Energy (eV)

27-Co-59

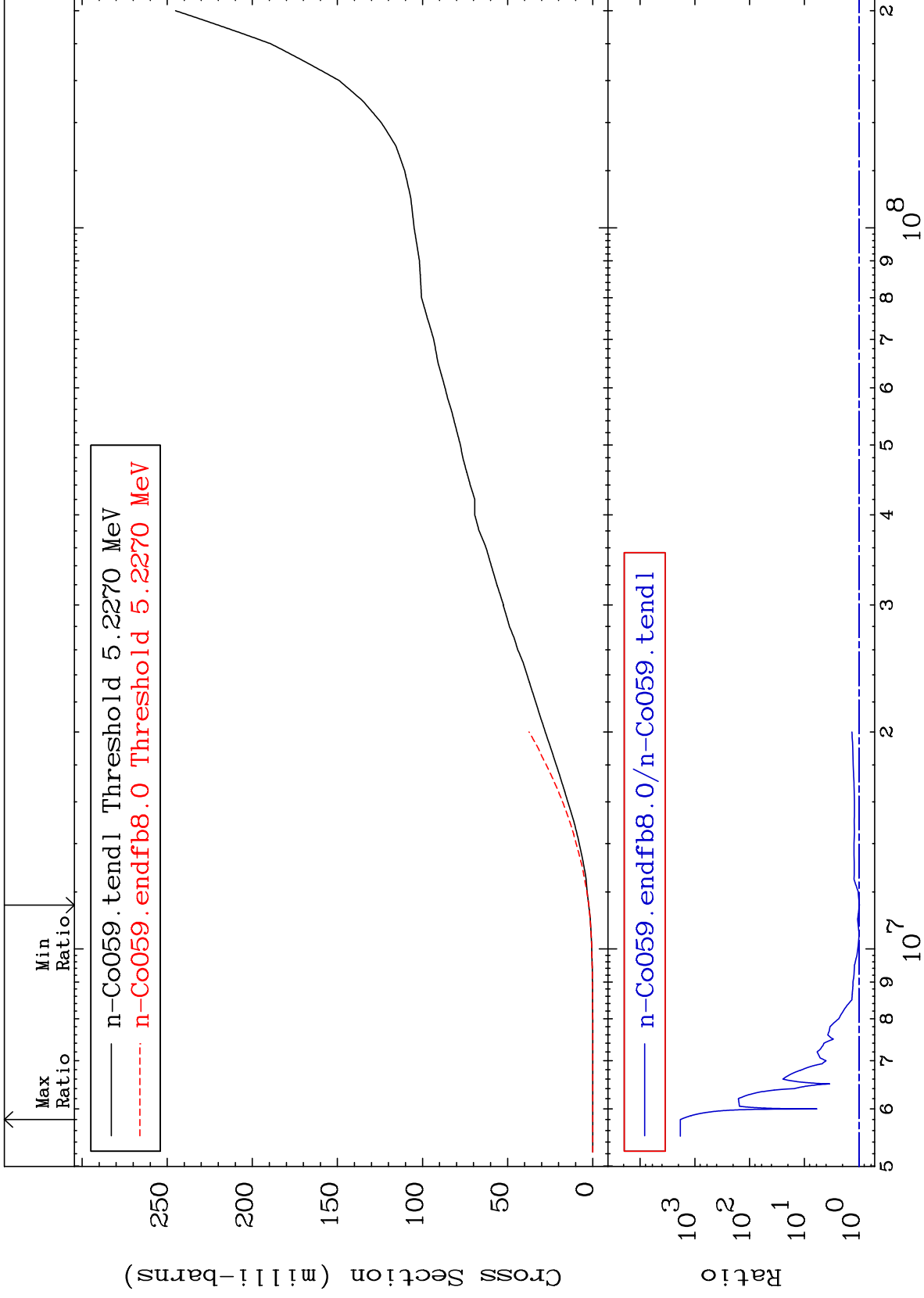




MAT 2725

Deuterium Production  
Cross Section

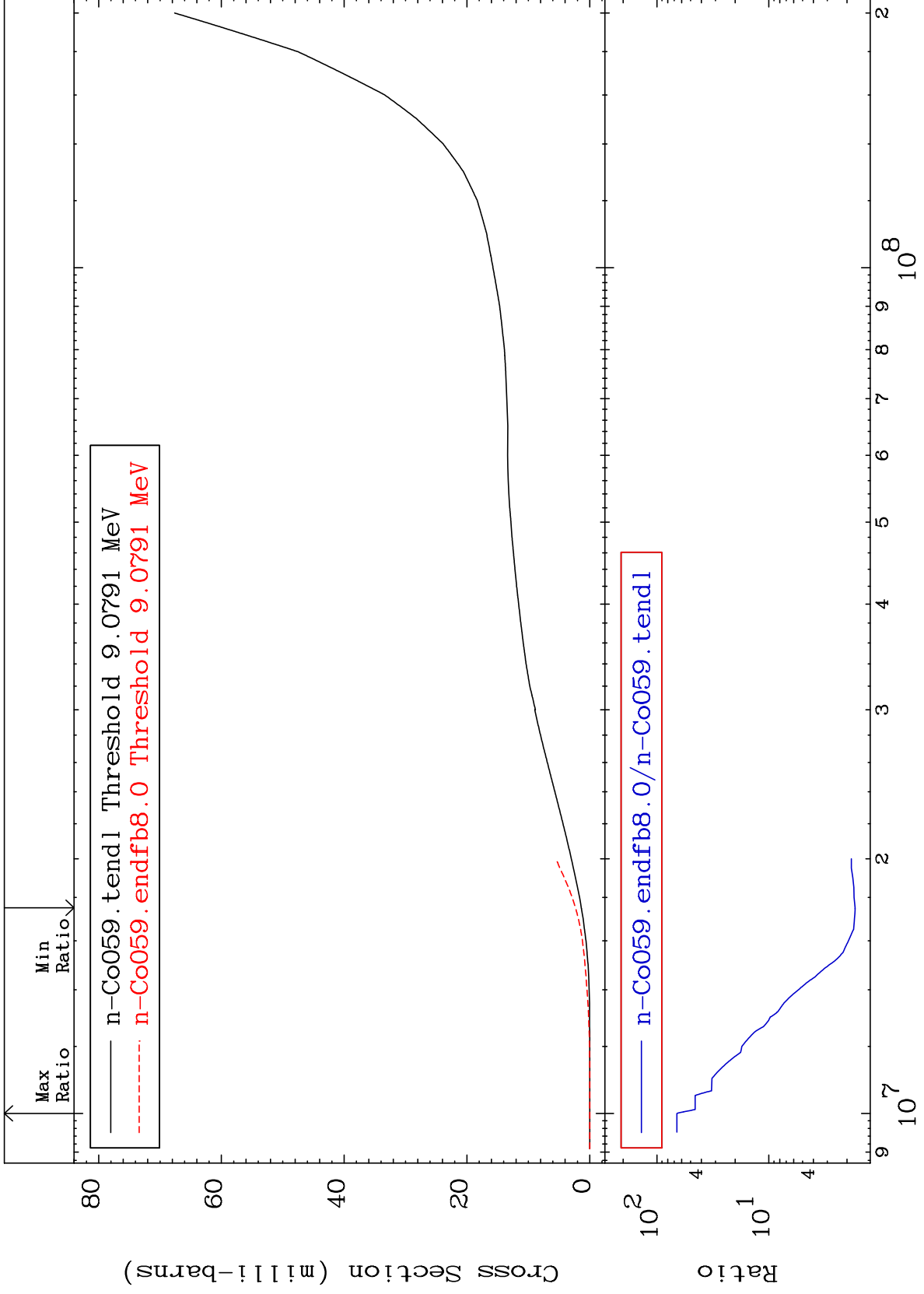
<sup>27</sup>Co-59  
-1.846 To 9999. %



MAT 2725

Tritium Production  
Cross Section

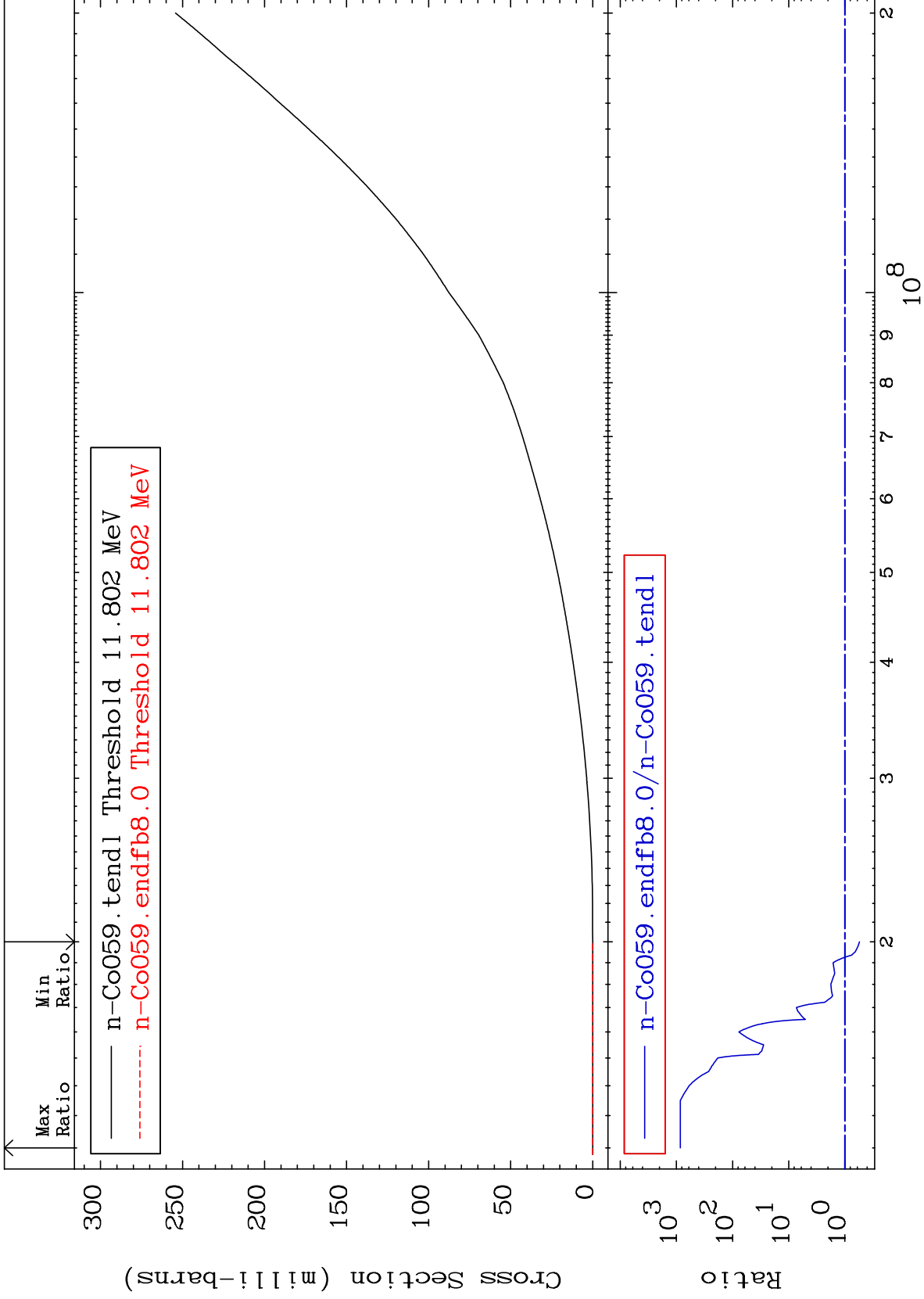
27-Co-59  
69.67 To 6519. %

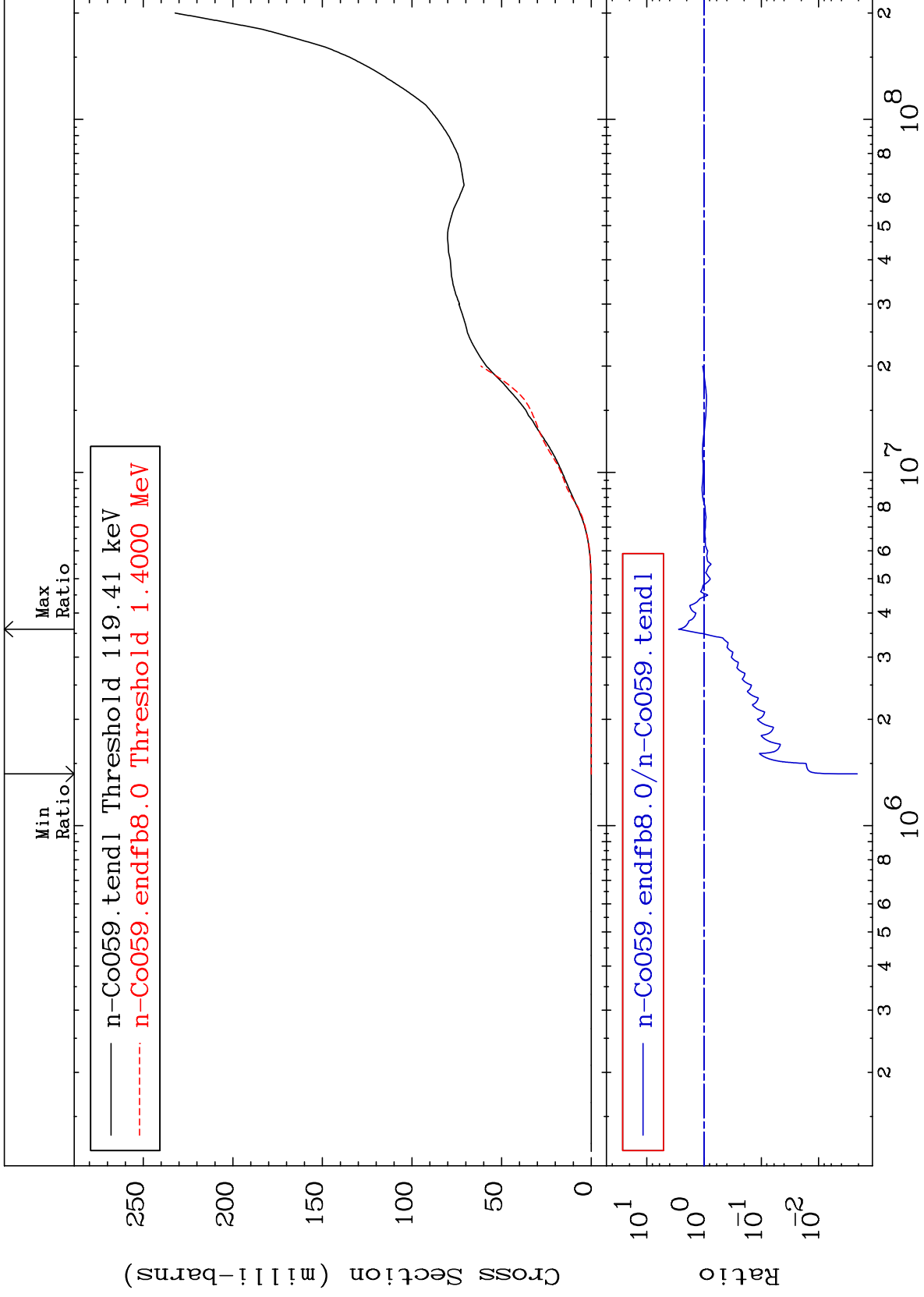


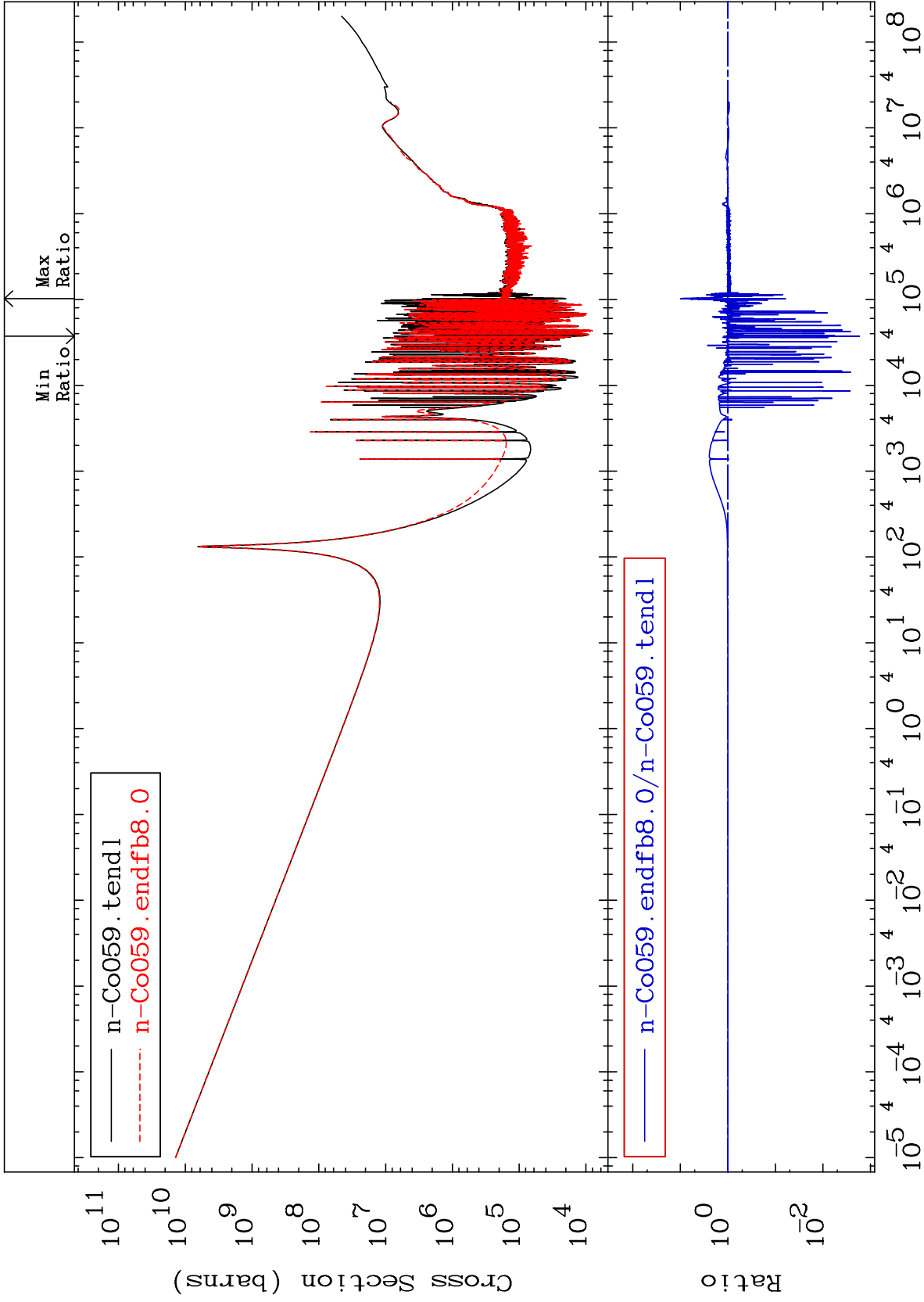
51

Incident Energy (eV)

27-Co-59



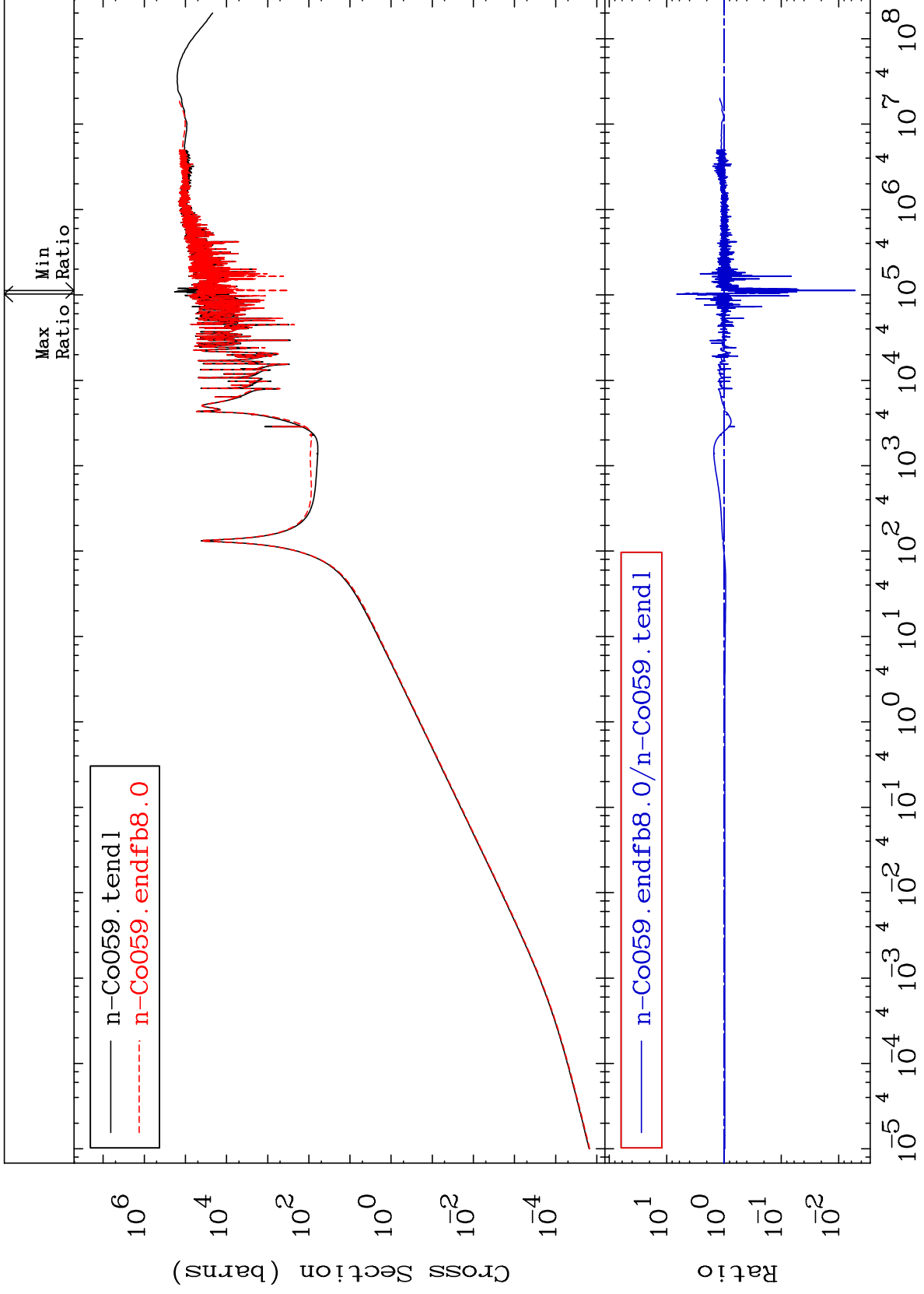




MAT 2725

Kerma elastic  
Cross Section

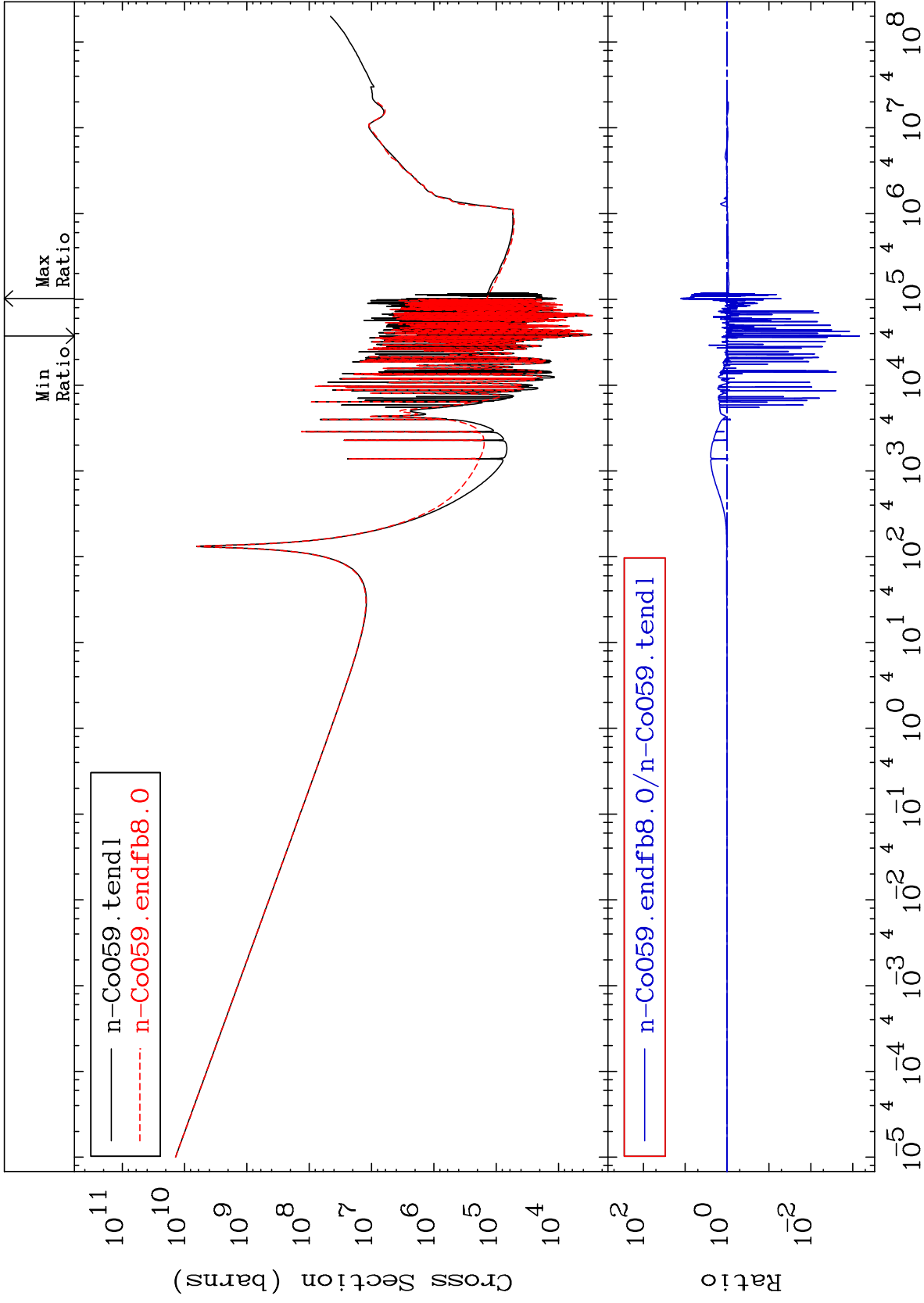
27-Co-59  
-99.48 To 561.9 %



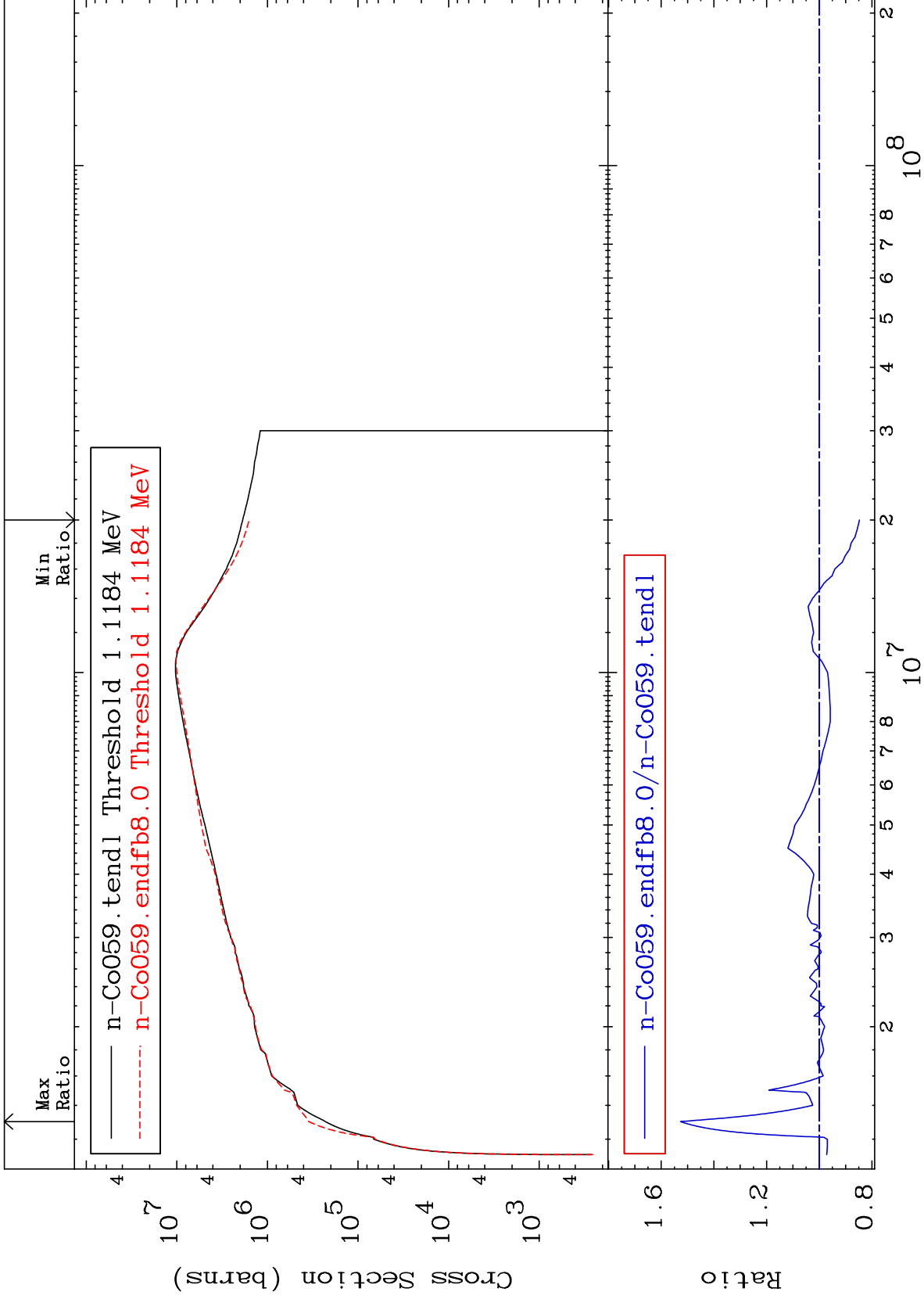
55

Incident Energy (eV)

27-Co-59



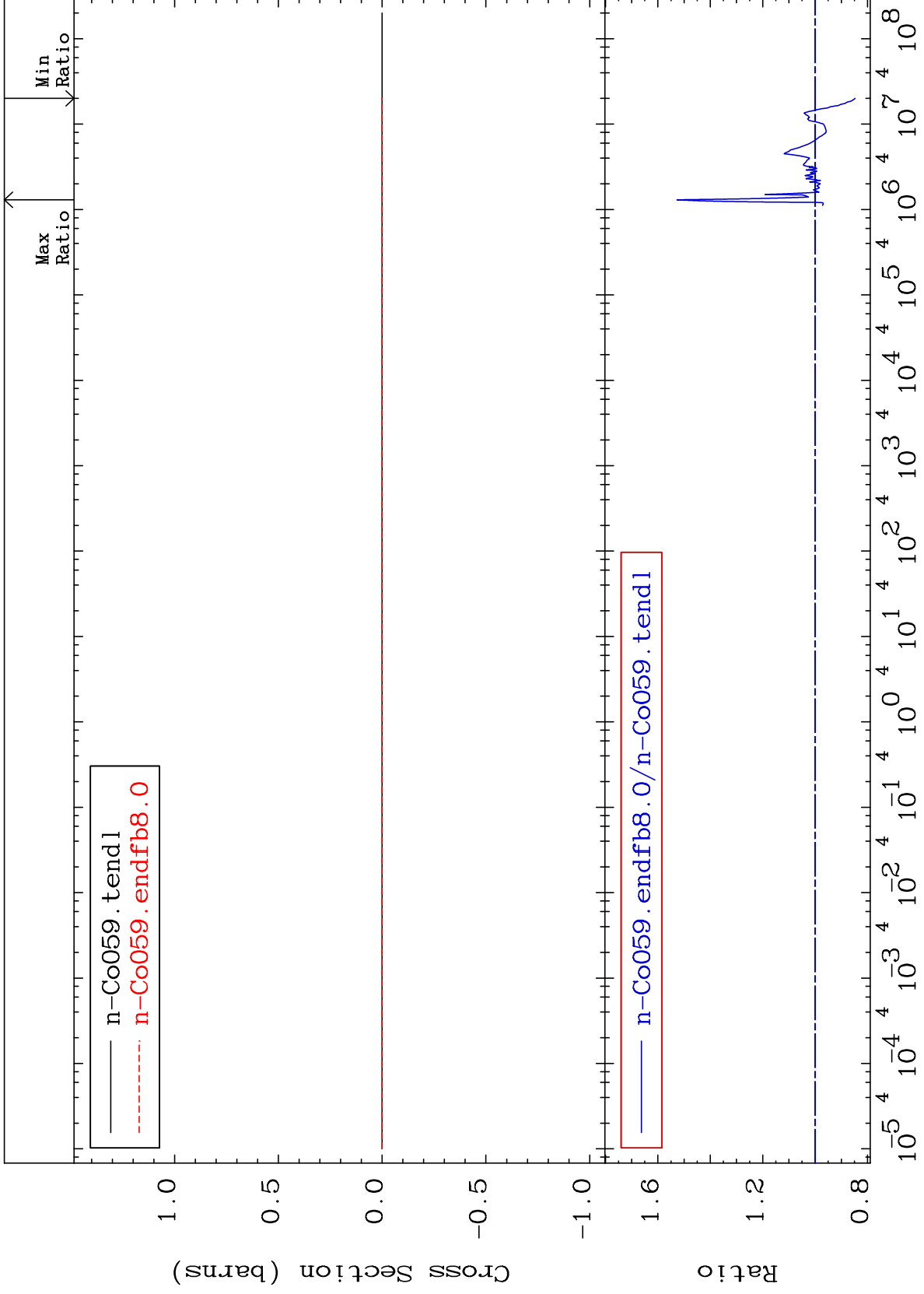




MAT 2725

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

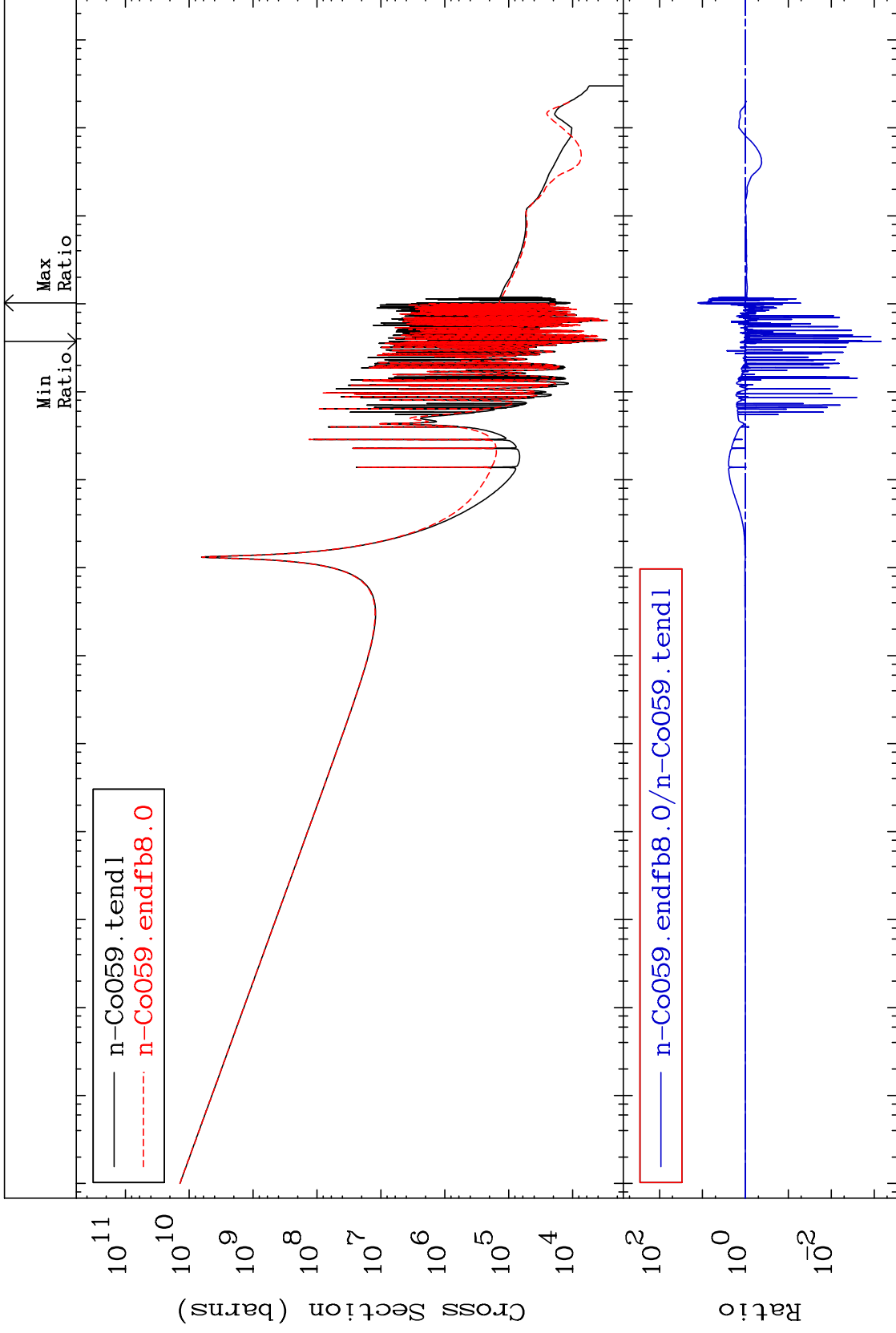
27-Co-59  
-15.26 To 52.73 %



MAT 2725

Kerma capture (mt102)  
Cross Section

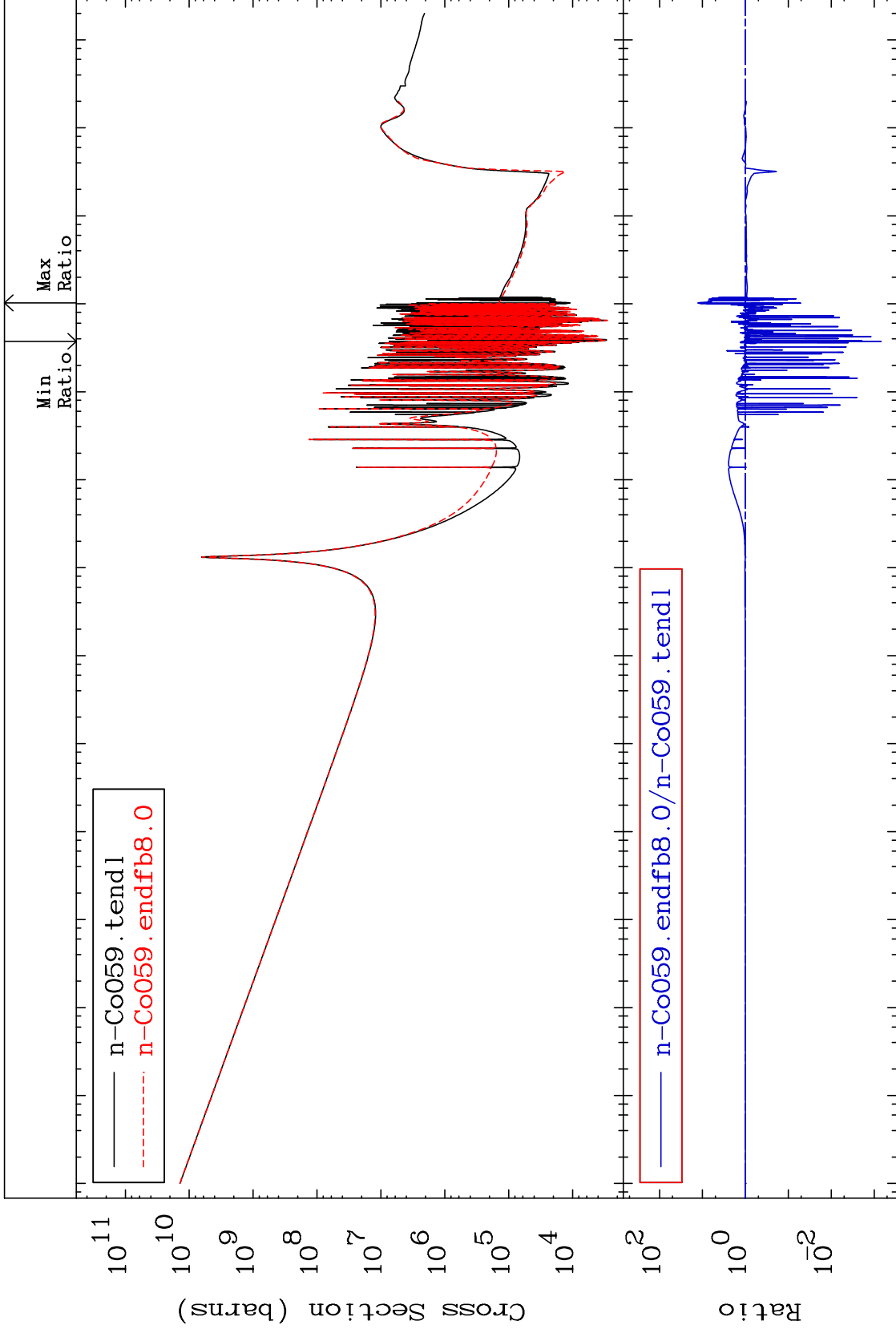
27-Co-59  
-99.93 To 1205. %

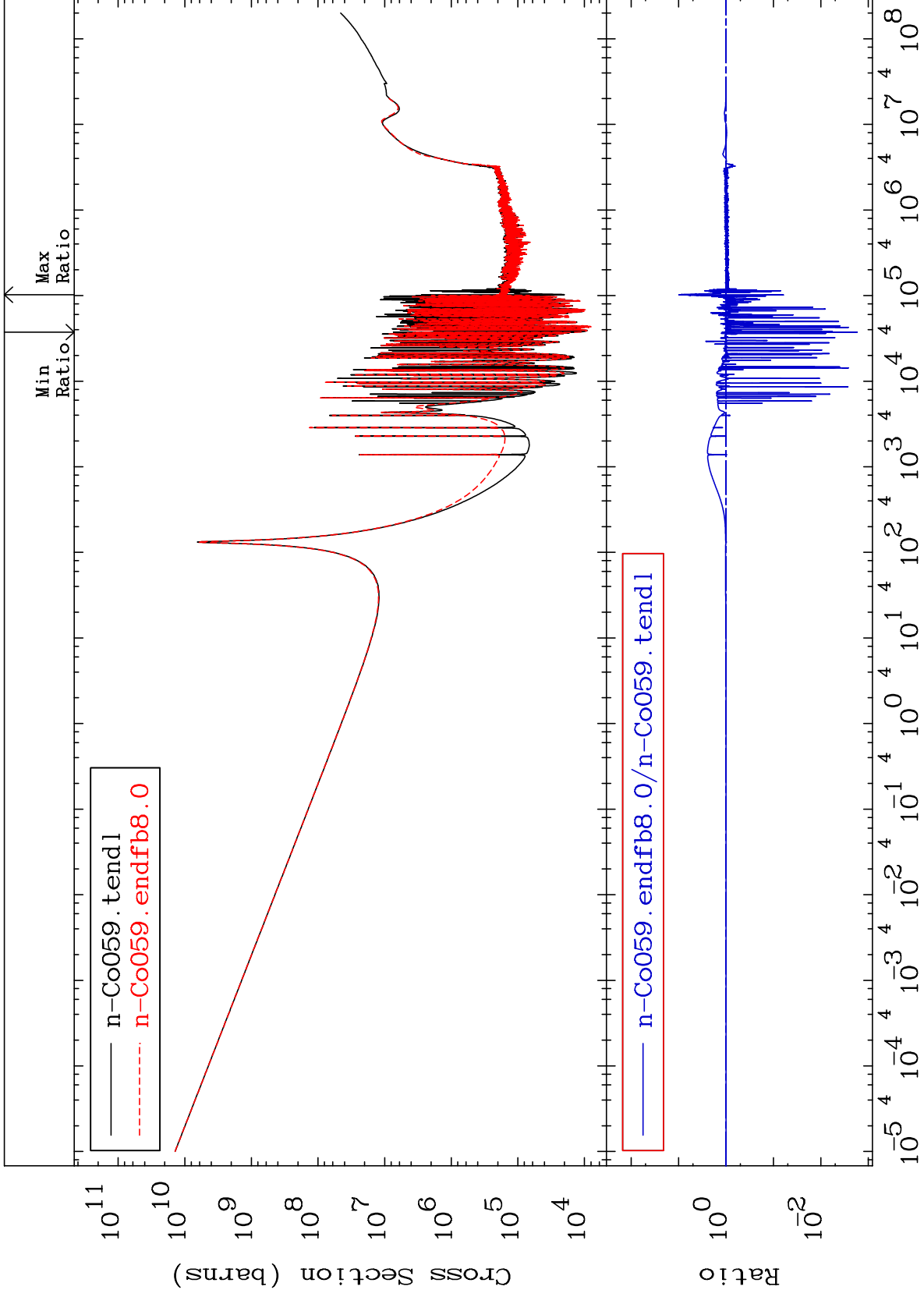


59

Incident Energy (eV)

27-Co-59

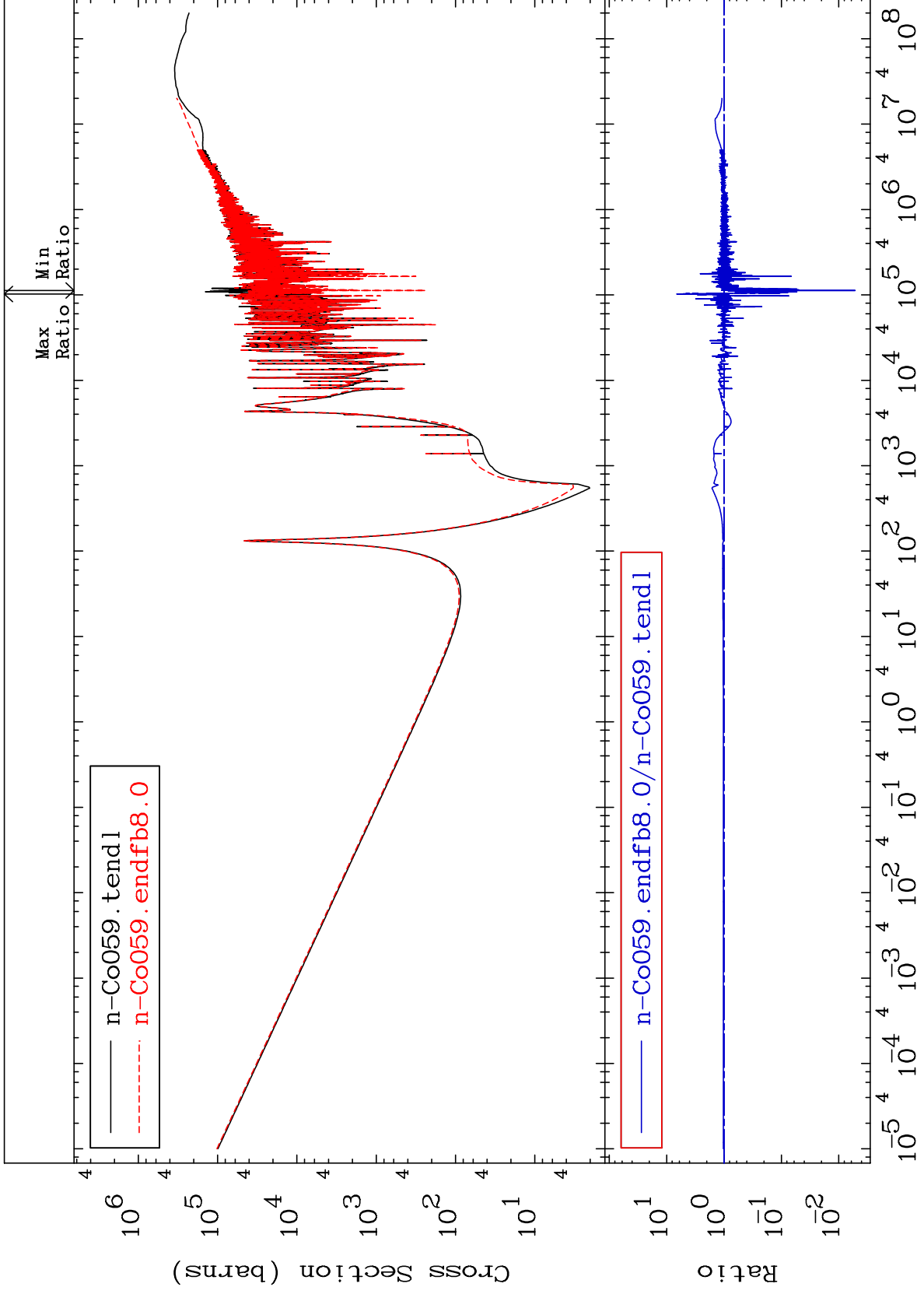




MAT 2725

Dpa total (eV-barns)  
Cross Section

27-Co-59  
-99.48 To 561.9 %



62

Incident Energy (eV)

27-Co-59

