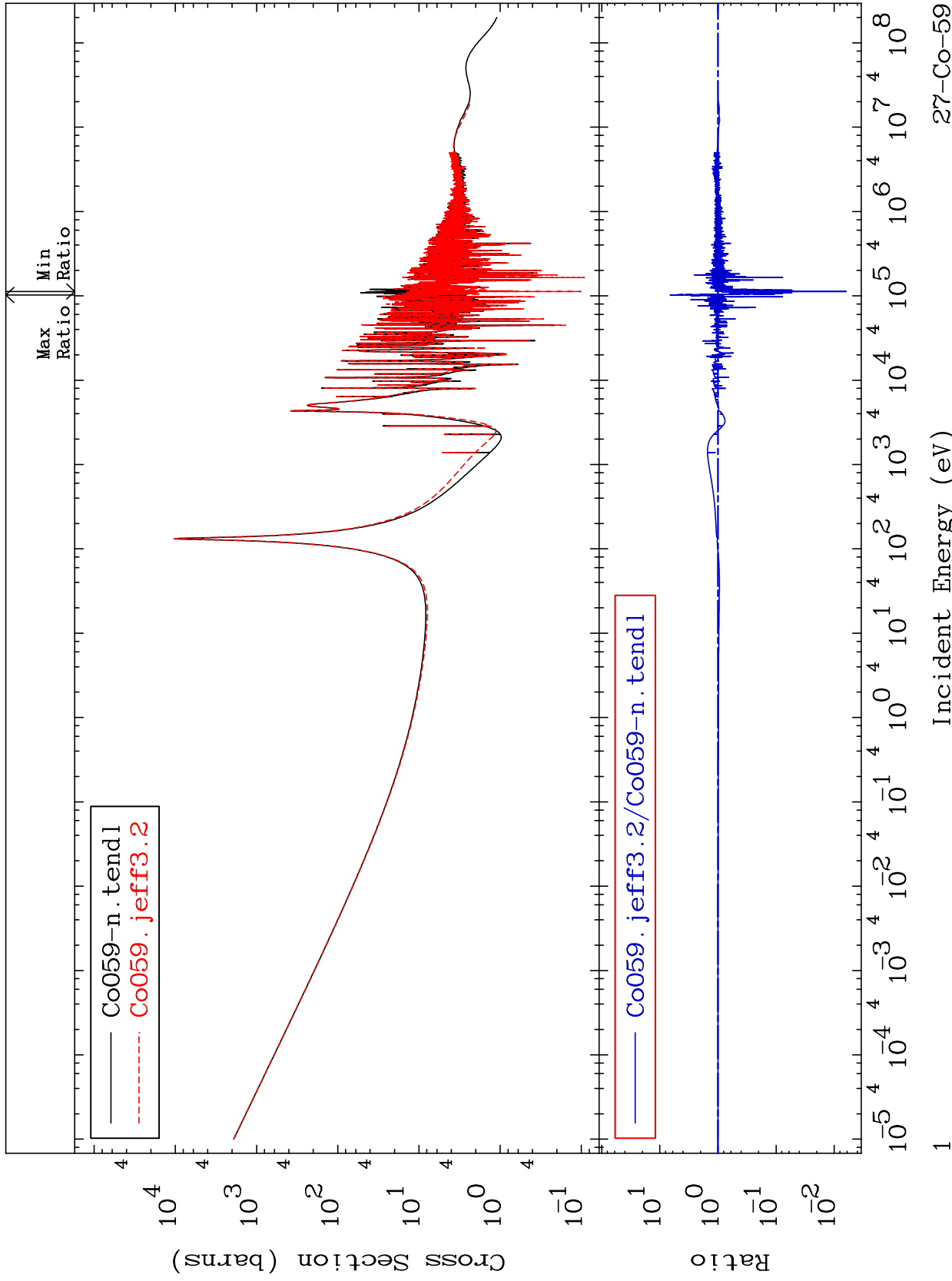


MAT 2725

Total  
Cross Section

27-Co-59  
-99.38 To 562.0 %



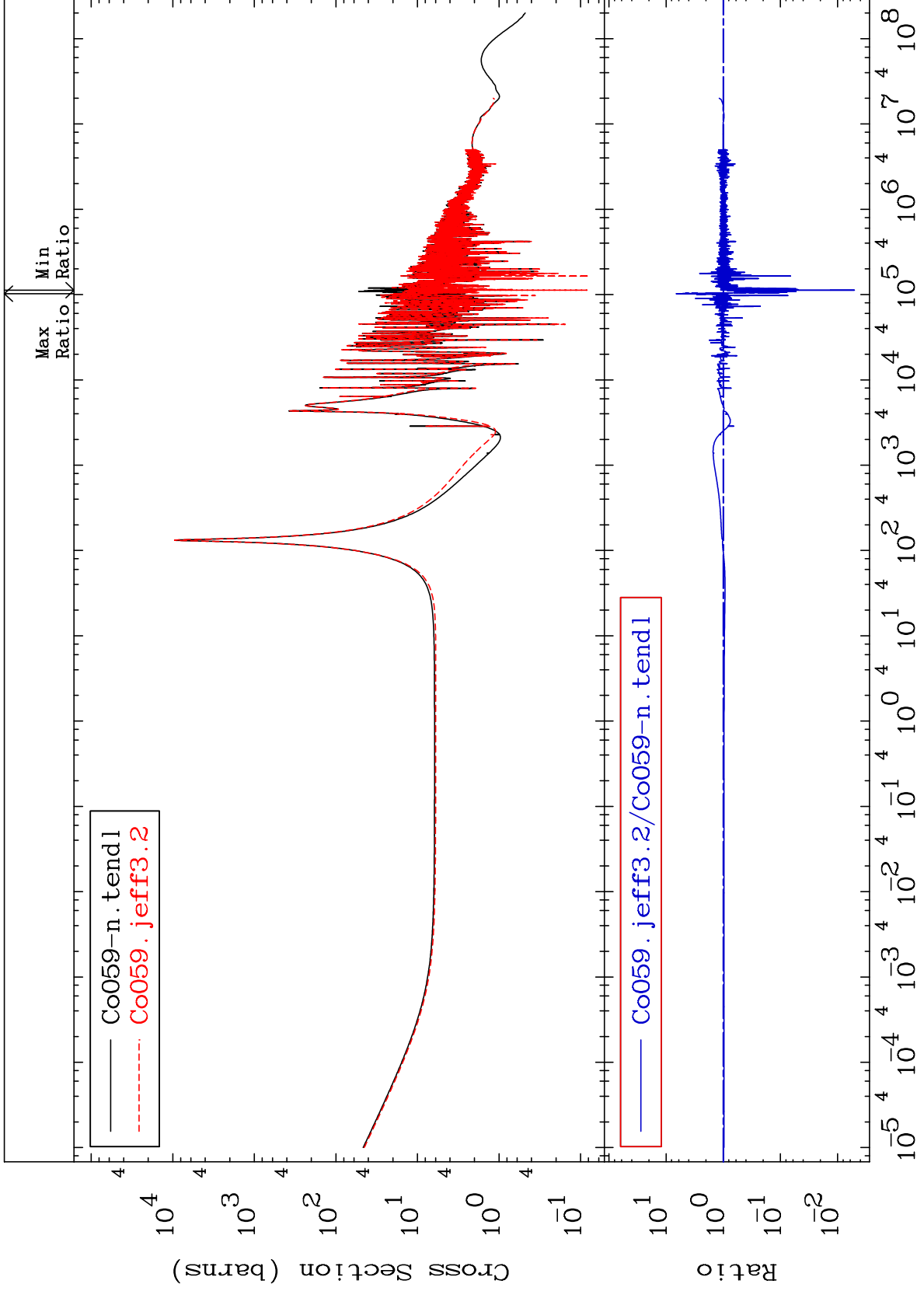
Incident Energy (eV)

27-Co-59

MAT 2725

Elastic  
Cross Section

27-Co-59  
-99.49 To 561.7 %



Incident Energy (eV)

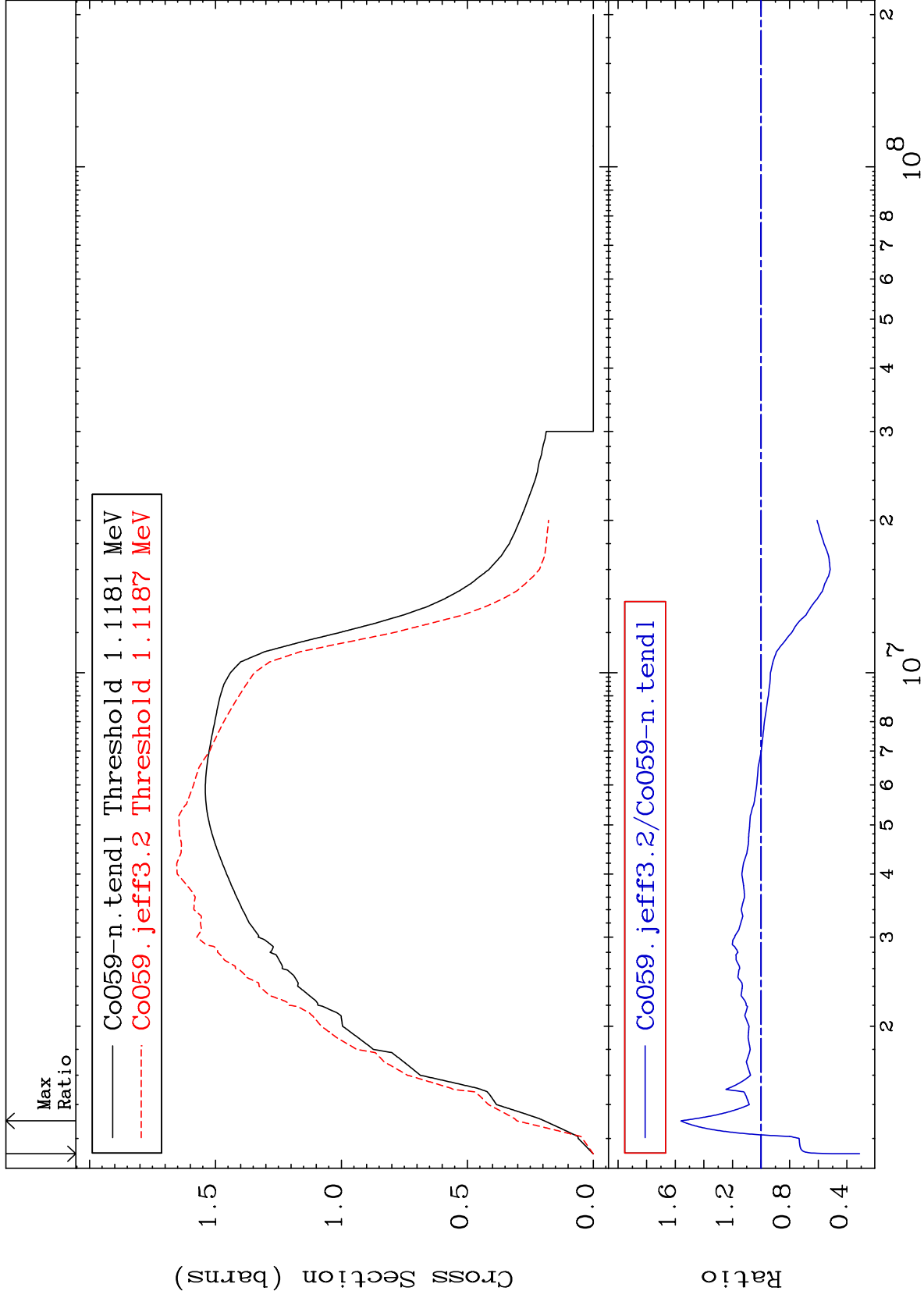
27-Co-59

2

MAT 2725

Inelastic  
Cross Section

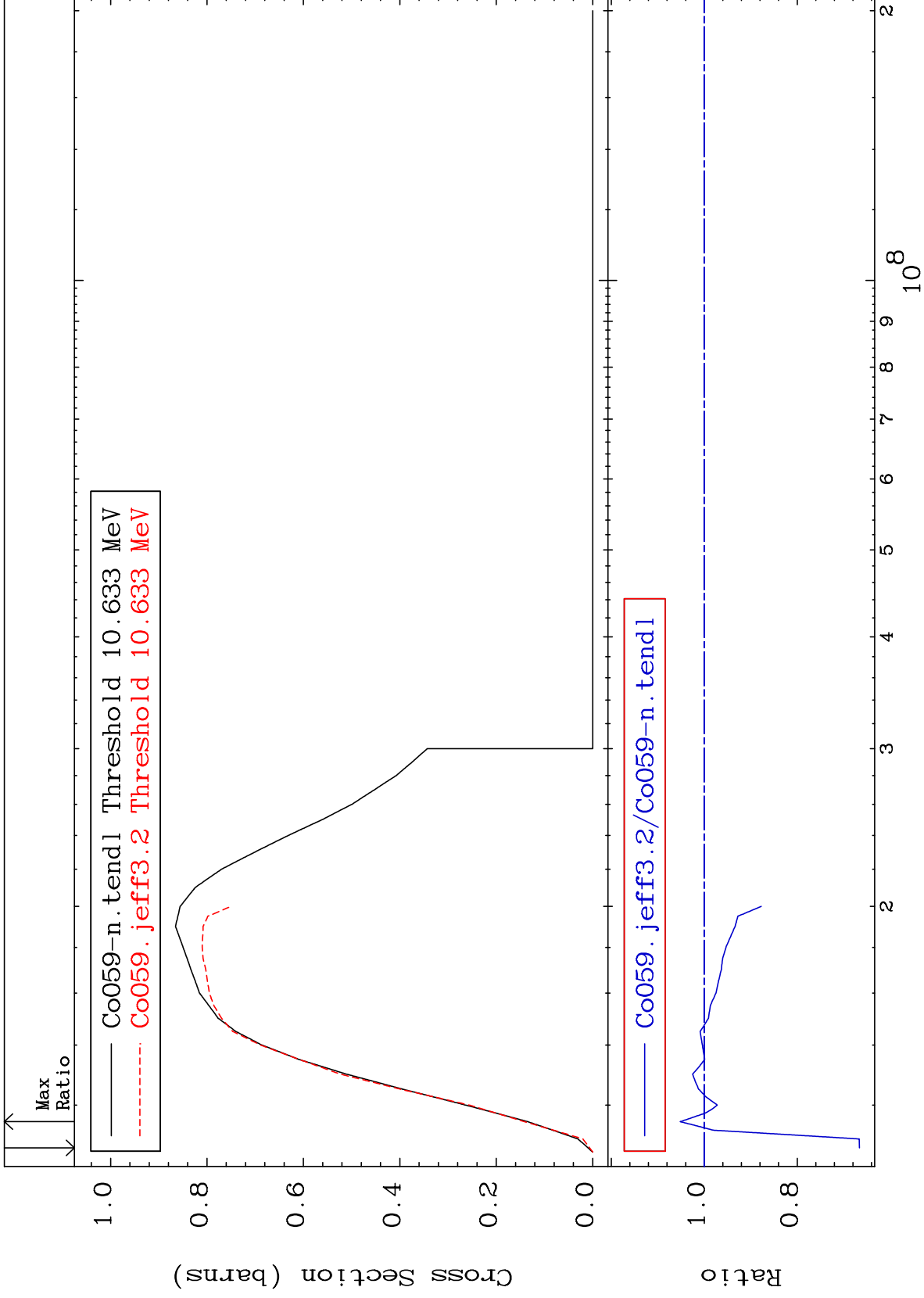
27-Co-59  
-68.83 To 56.15 %



MAT 2725

(n,2n)  
Cross Section

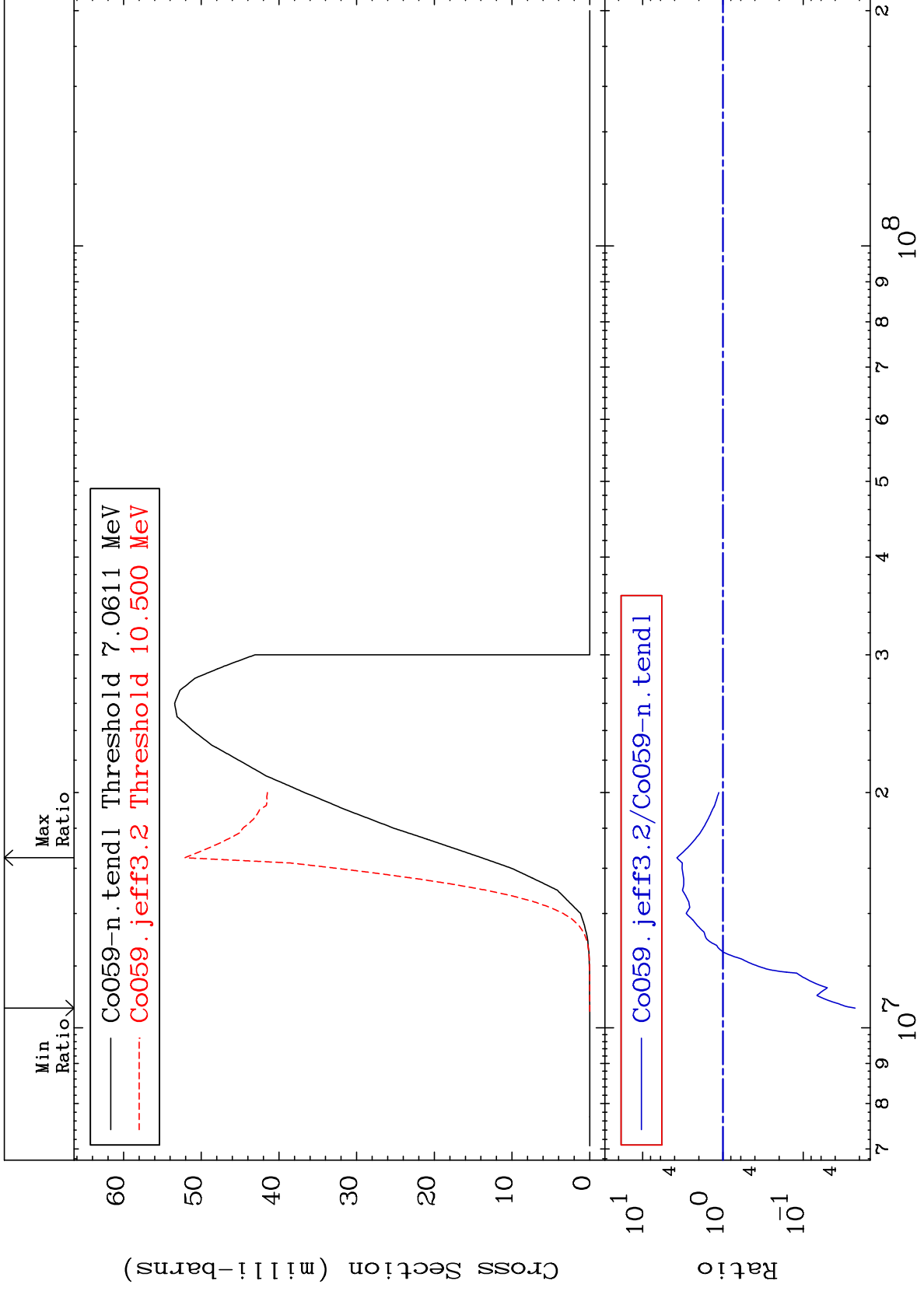
27-Co-59  
-33.39 To 5.134 %



MAT 2725

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

27-Co-59  
-97.74 To 274.7 %



5

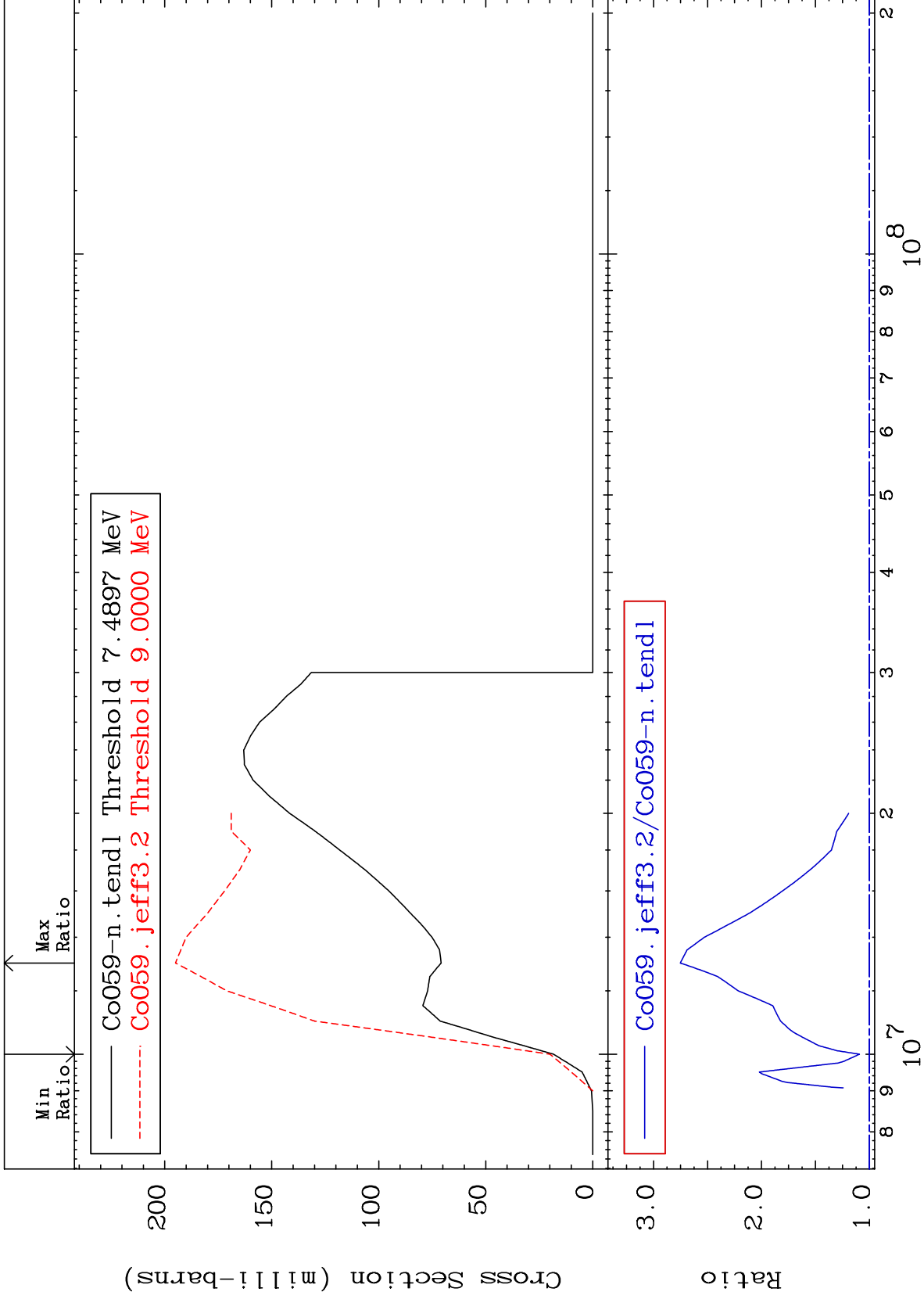
Incident Energy (eV)

27-Co-59

MAT 2725

(n,n') p  
Cross Section

27-Co-59  
9.328 To 175.2 %



6

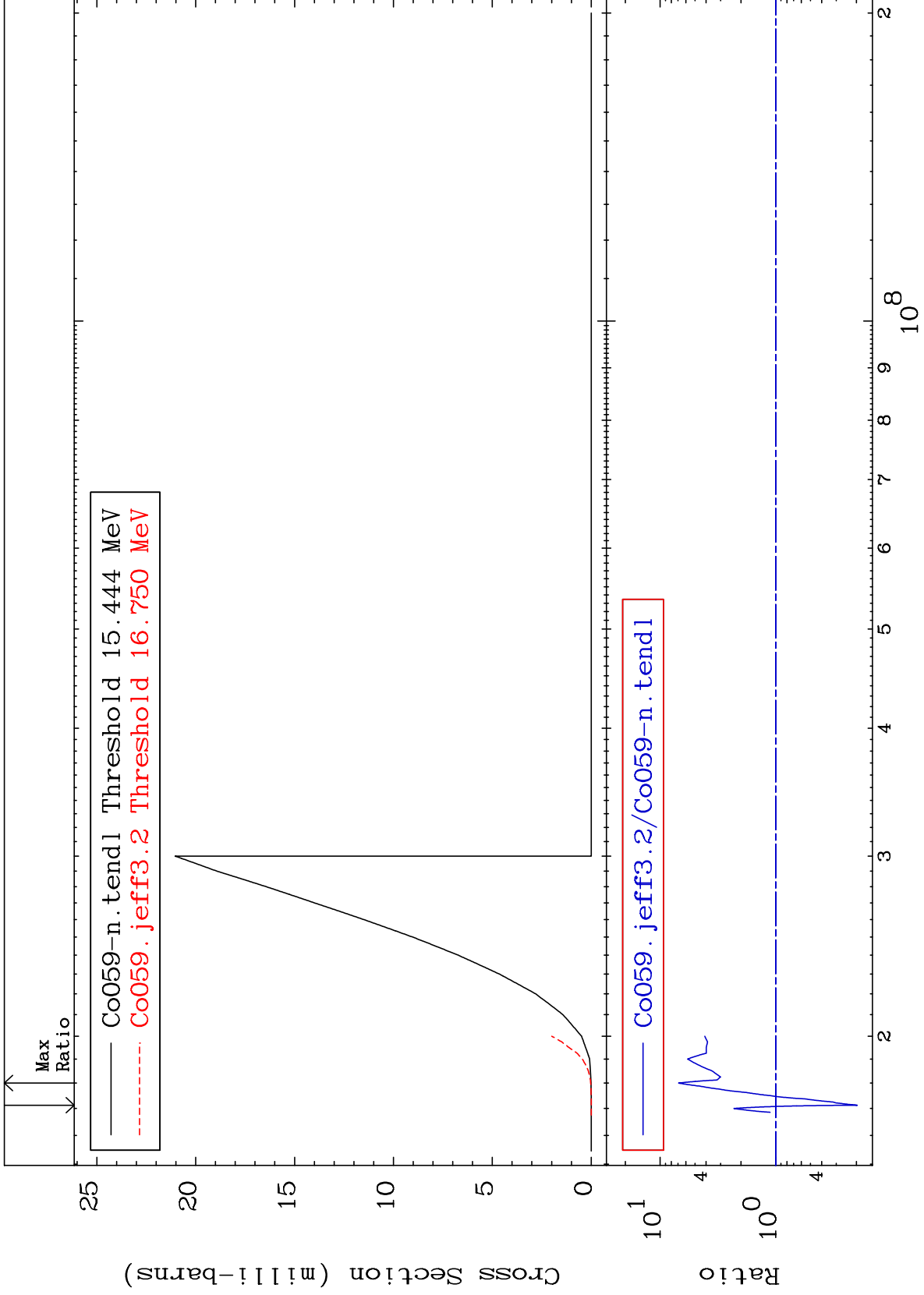
Incident Energy (eV)

27-Co-59

MAT 2725

(n,n') d  
Cross Section

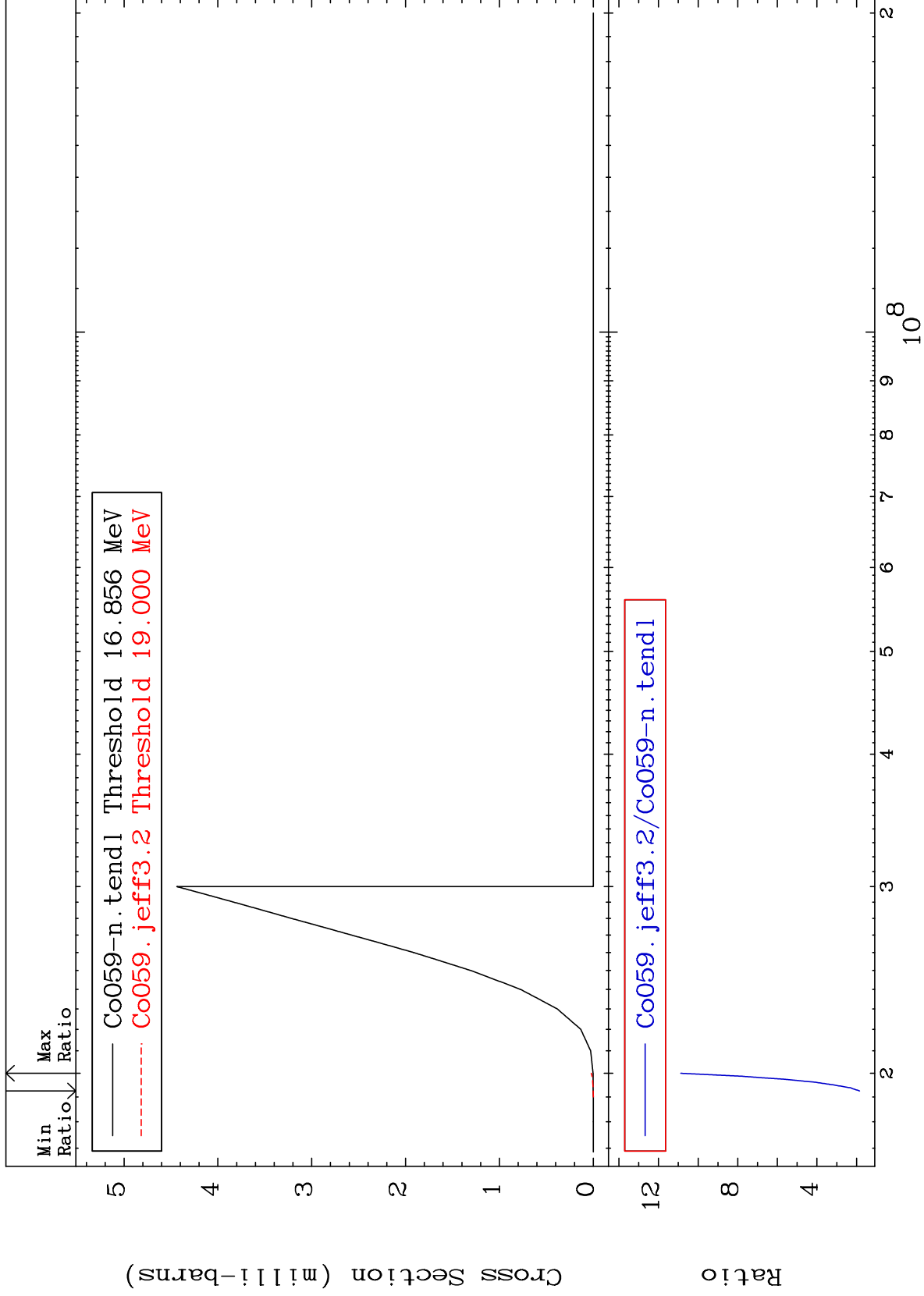
27-Co-59  
-80.29 To 591.7 %



MAT 2725

(n,n') t  
Cross Section

27-Co-59  
84.96 To 987.6 %

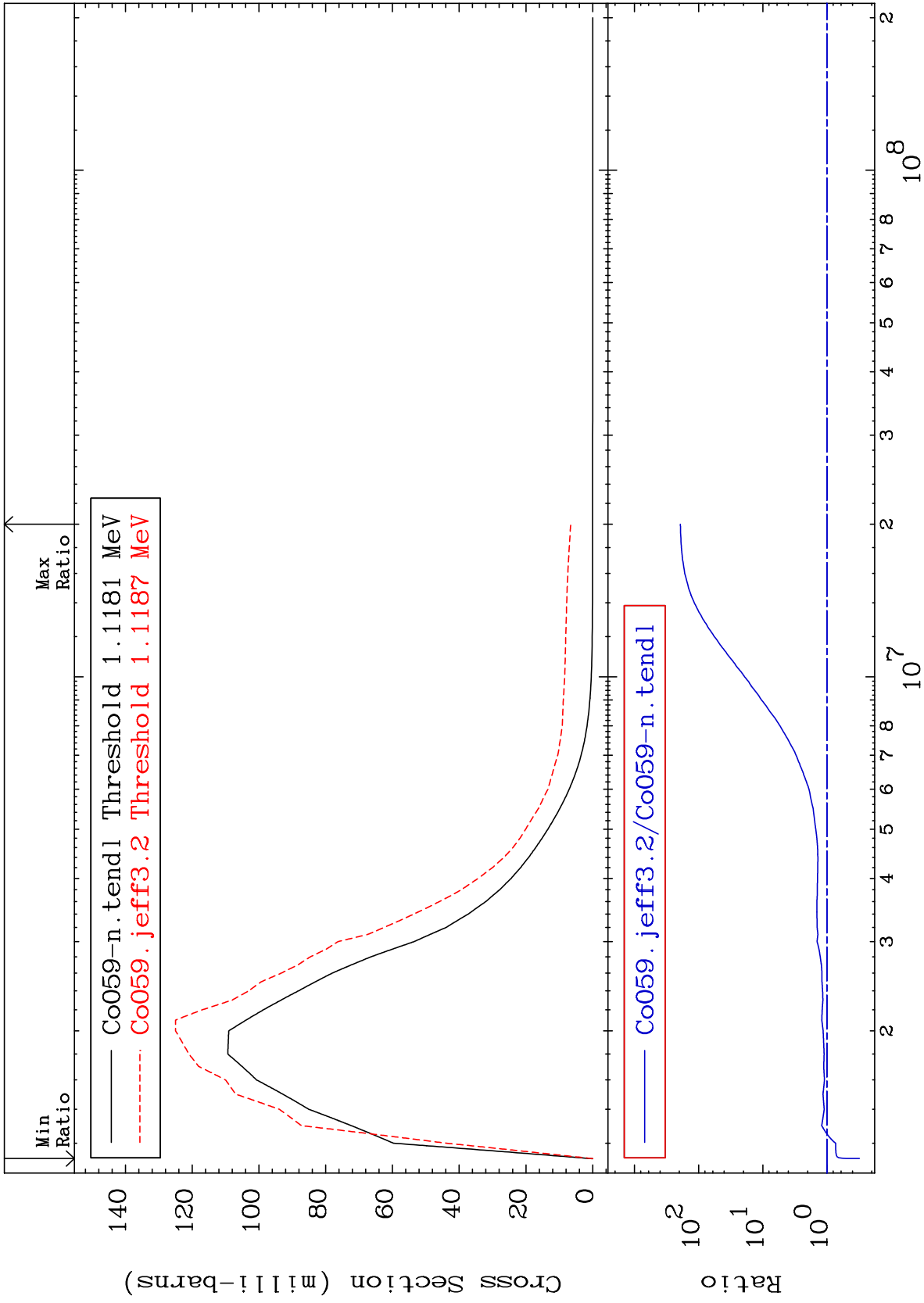




MAT 2725

1.099 MeV (n,n') Level  
Cross Section

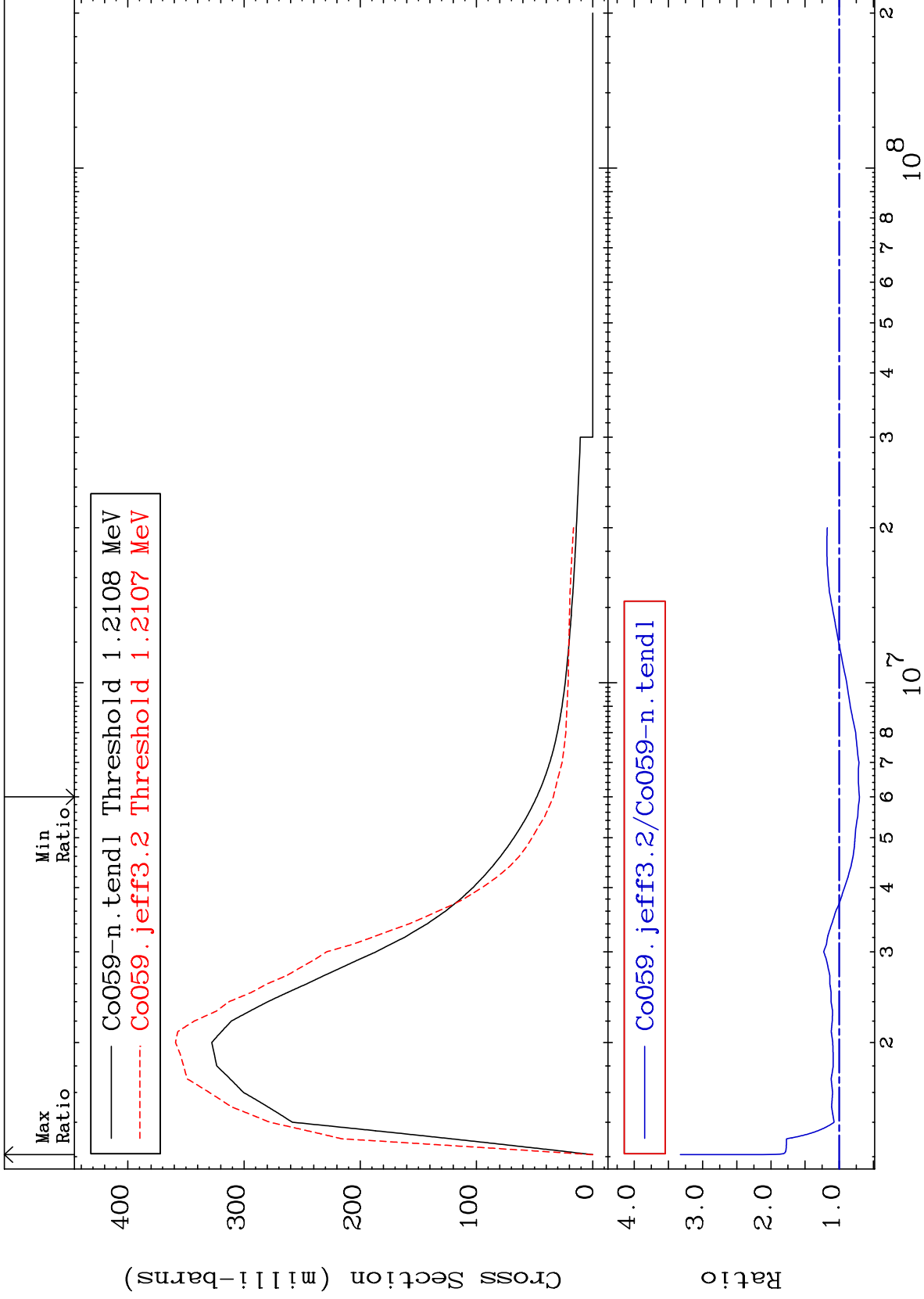
27-Co-59  
-68.83 To 9999. %



MAT 2725

1.190 MeV (n,n') Level  
Cross Section

27-Co-59  
-29.52 To 232.5 %



10

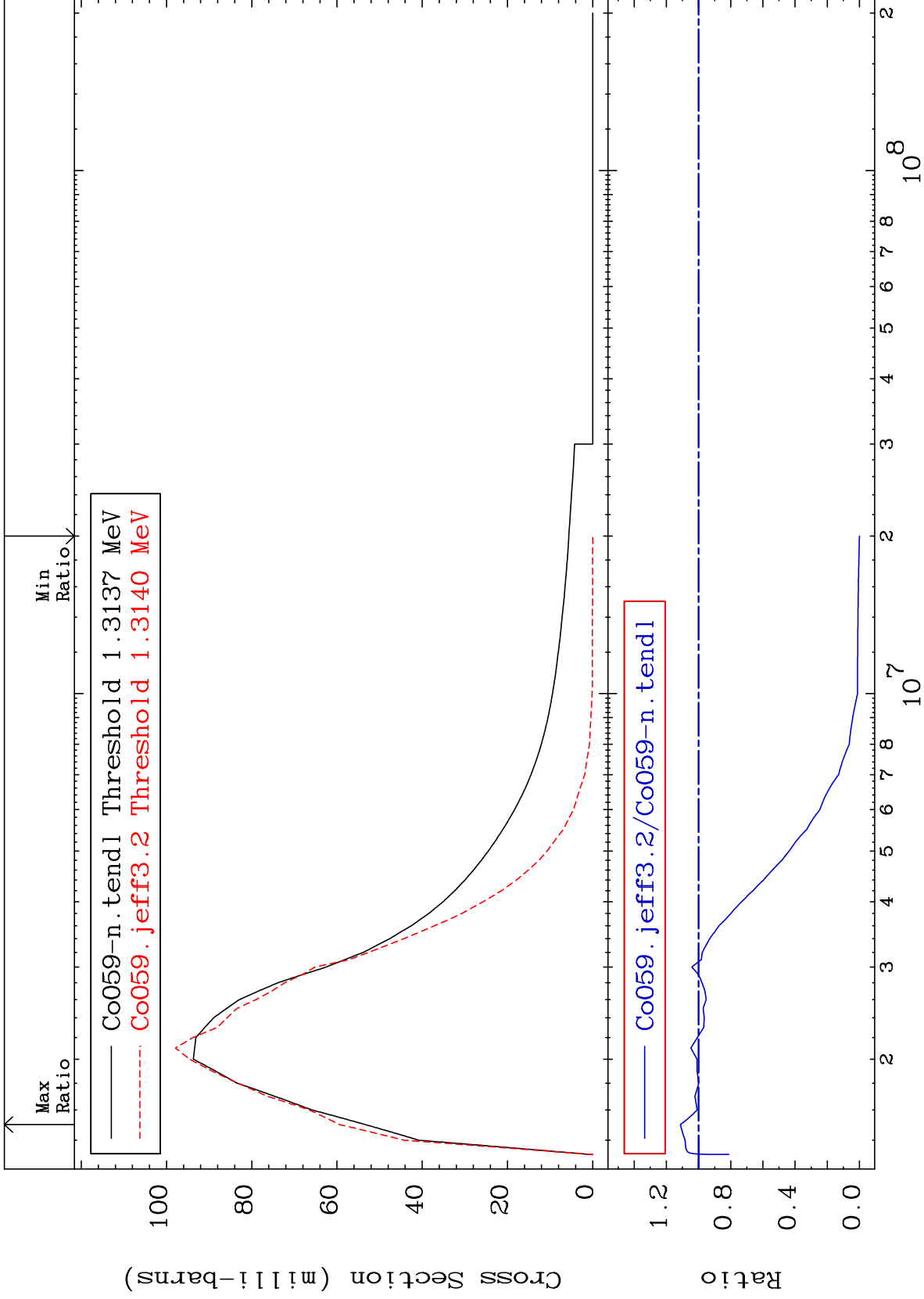
Incident Energy (eV)

27-Co-59

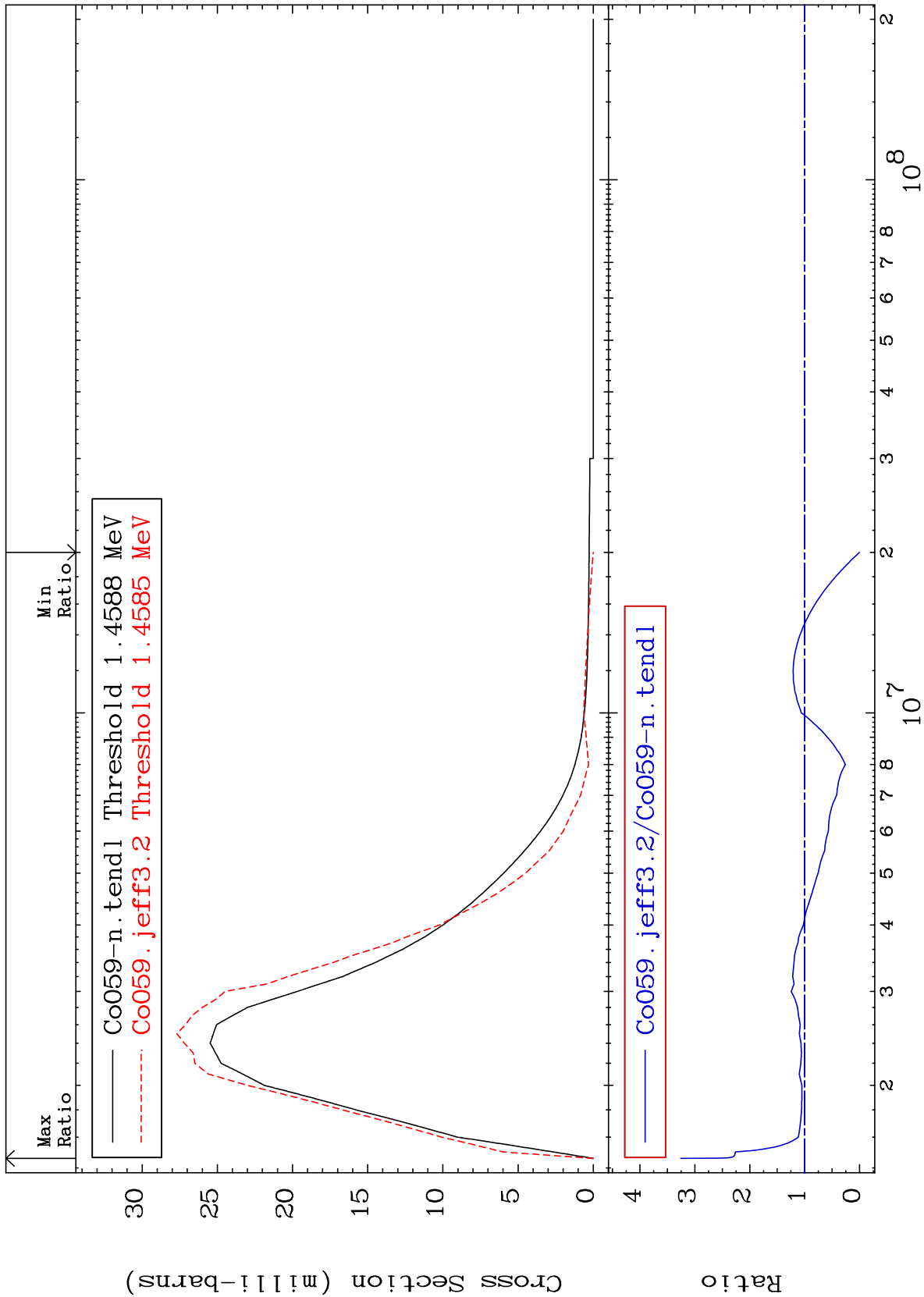
MAT 2725

1.292 MeV (n,n') Level  
Cross Section

27-Co-59  
-100.0 To 11.31 %



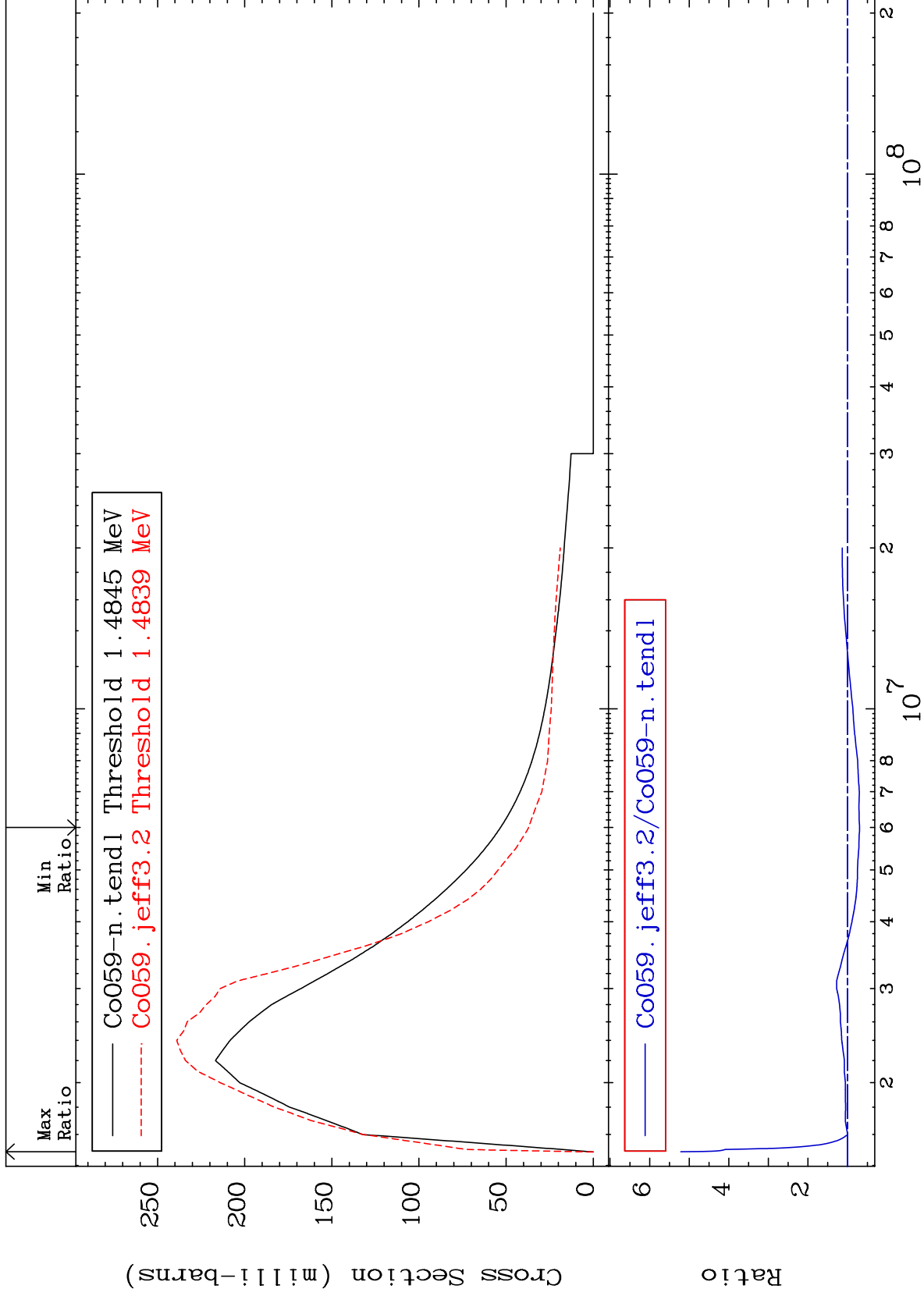
MAT 2725      1.434 MeV (n,n') Level      27-Co-59  
 Cross Section      -100.0 To 225.7 %



MAT 2725

1.460 MeV (n,n') Level  
Cross Section

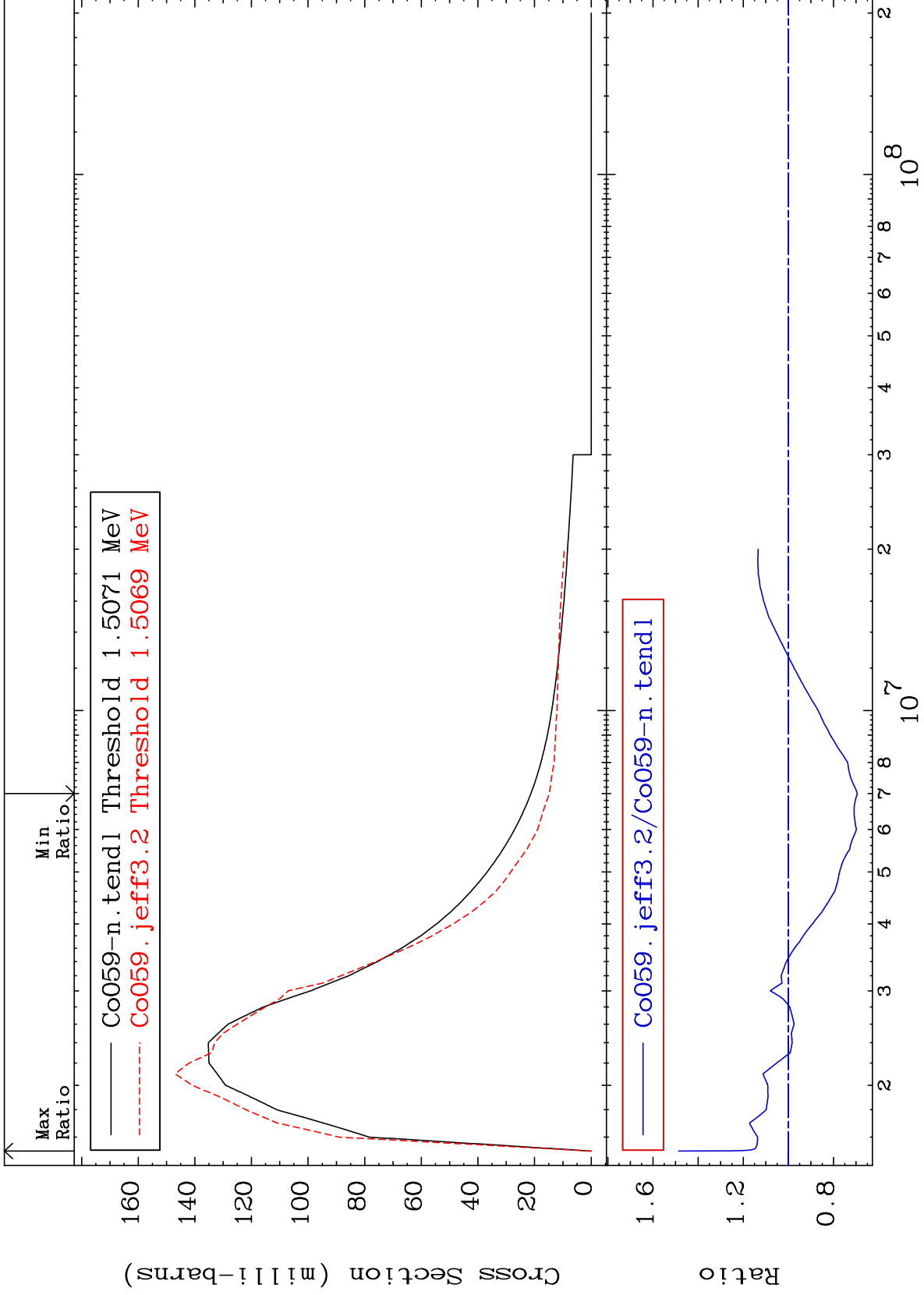
27-Co-59  
-30.28 To 421.3 %



MAT 2725

1.482 MeV (n,n') Level  
Cross Section

27-Co-59  
-30.51 To 48.62 %



14

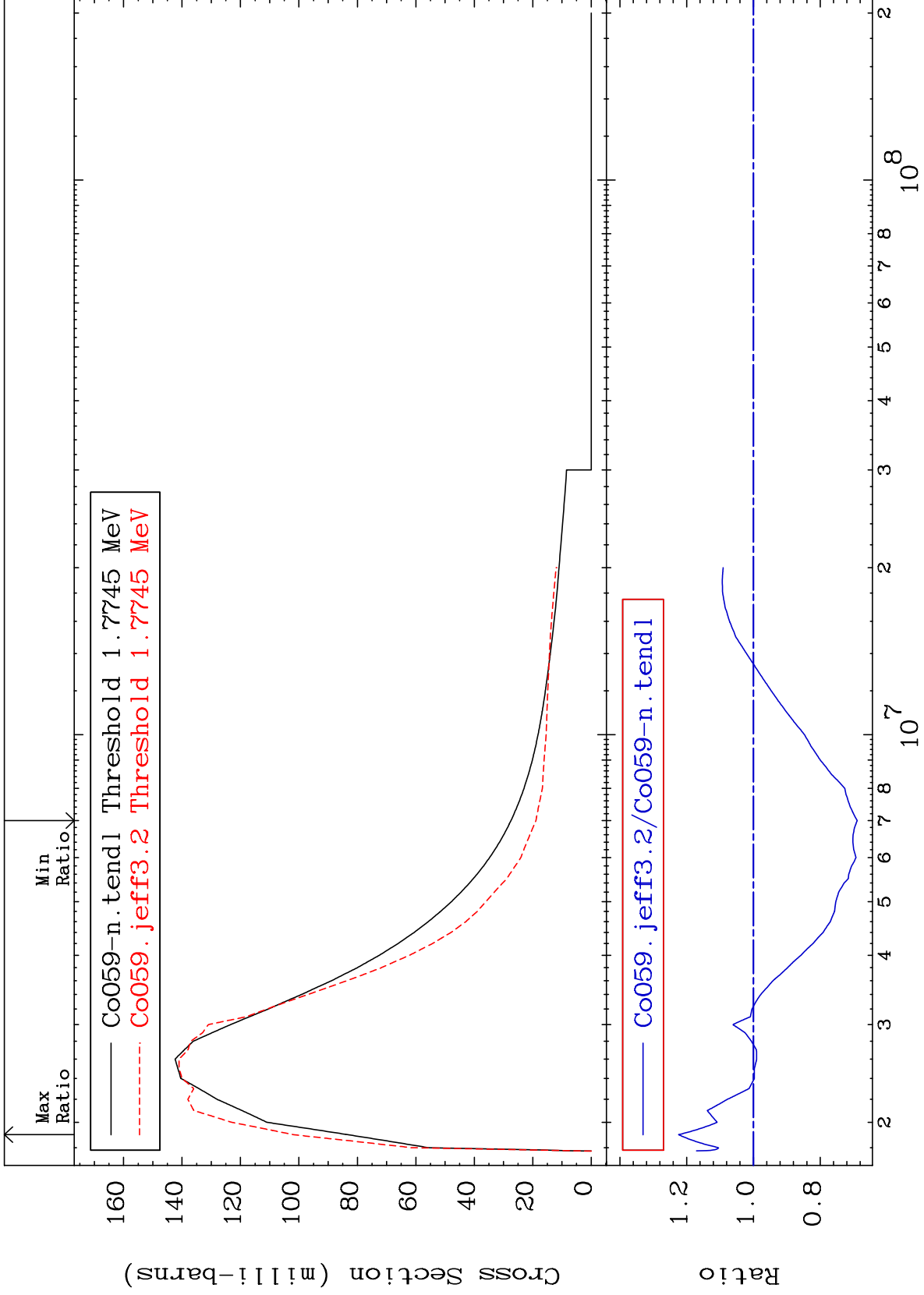
Incident Energy (eV)

27-Co-59

MAT 2725

1.745 MeV (n,n') Level  
Cross Section

27-Co-59  
-31.10 To 22.39 %



15

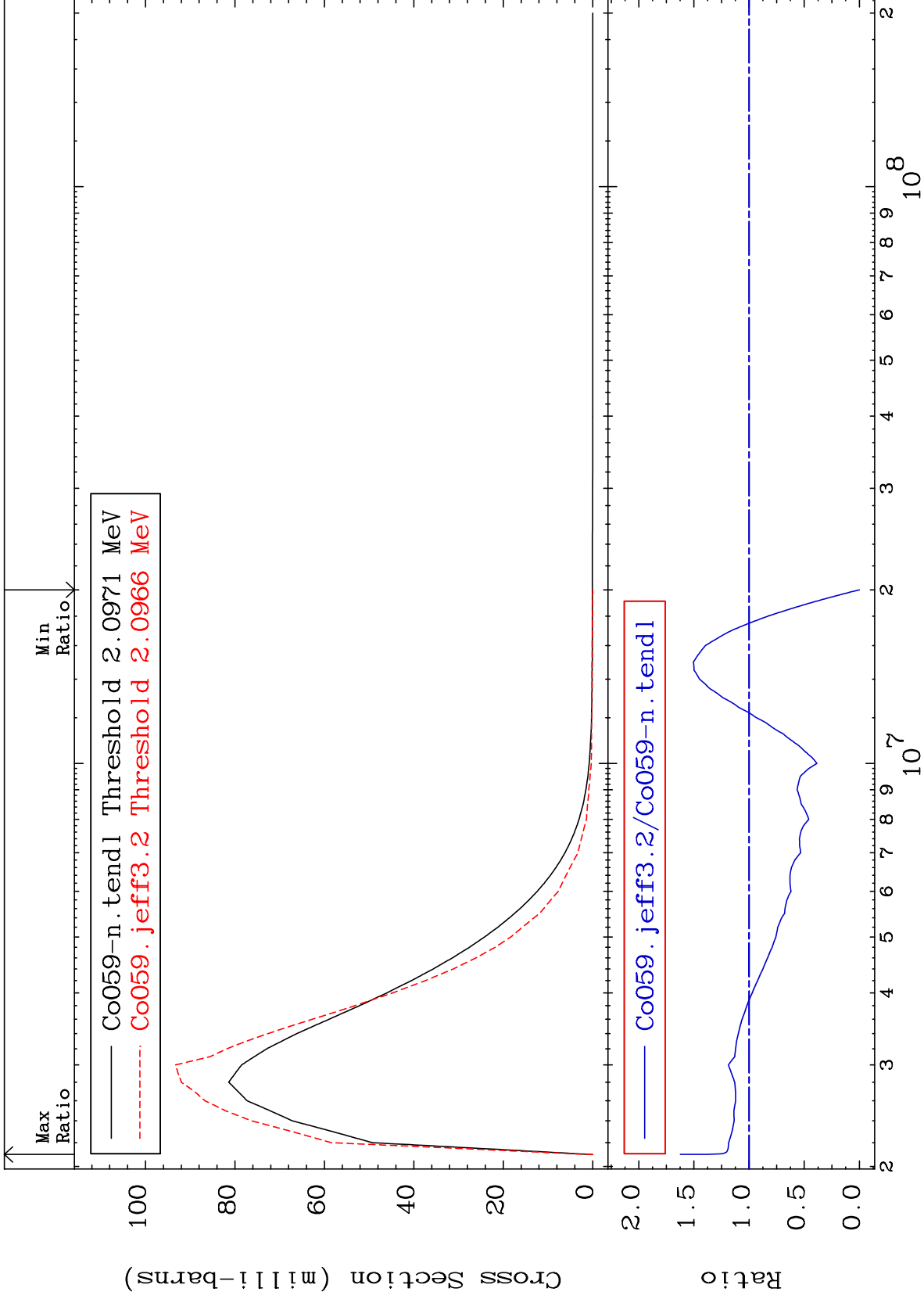
Incident Energy (eV)

27-Co-59

MAT 2725

2.062 MeV (n,n') Level  
Cross Section

27-Co-59  
-100.0 To 62.31 %

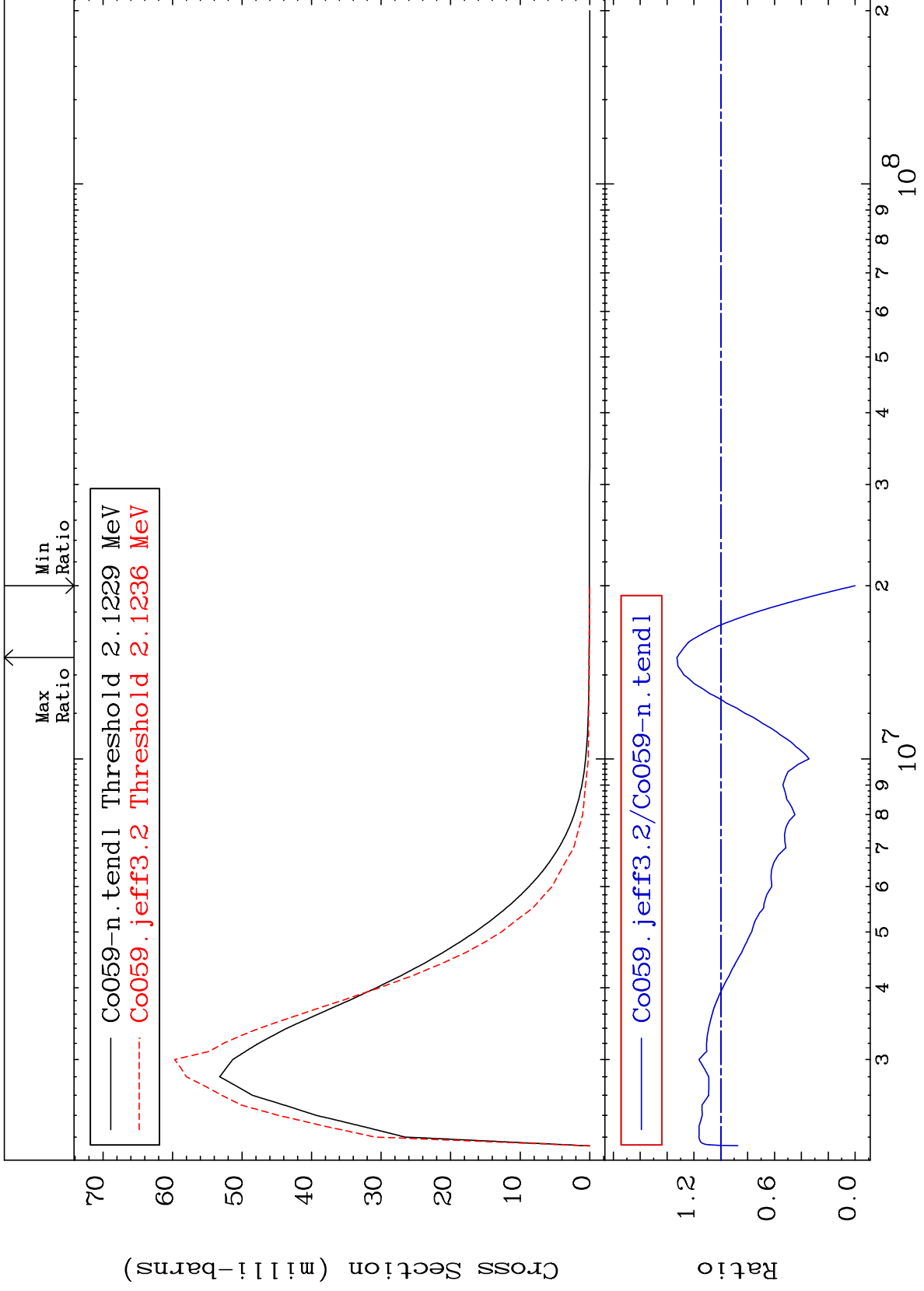




MAT 2725

2.087 MeV (n,n') Level  
Cross Section

27-Co-59  
-100.0 To 32.67 %

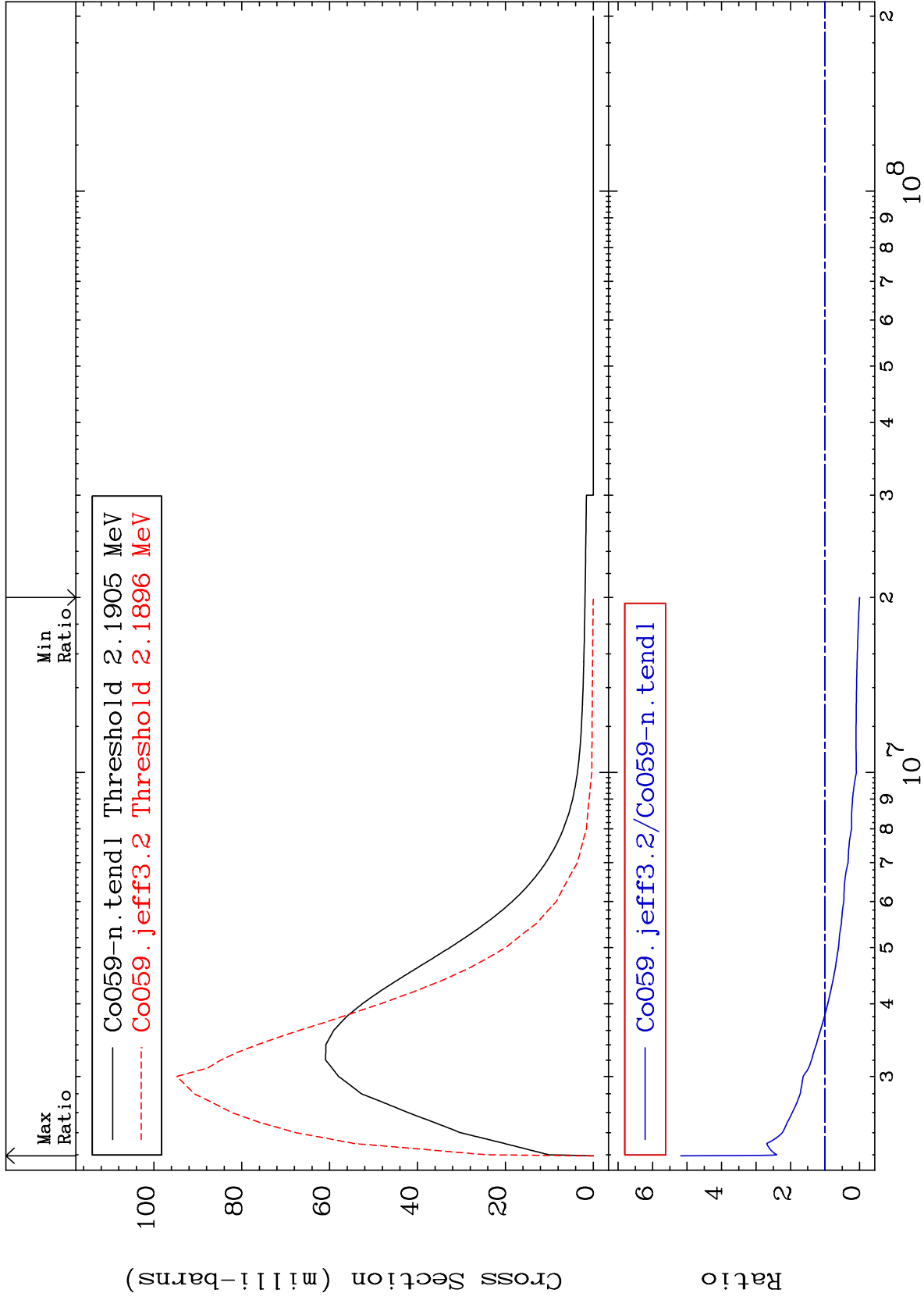


MAT 2725

2.154 MeV (n,n') Level

<sup>27</sup>Co-59

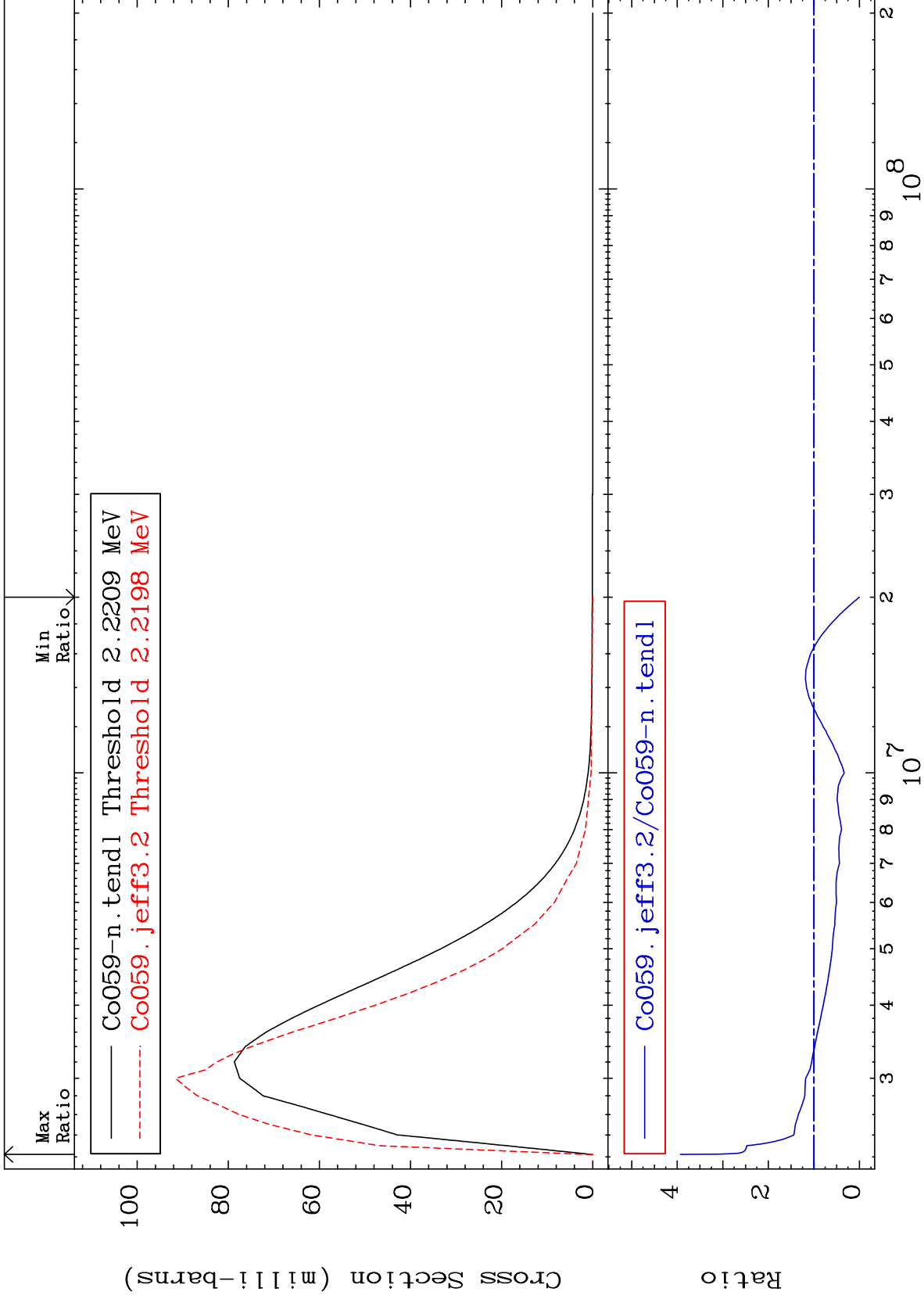
-100.0 To 418.3 %



MAT 2725

2.184 MeV (n,n') Level  
Cross Section

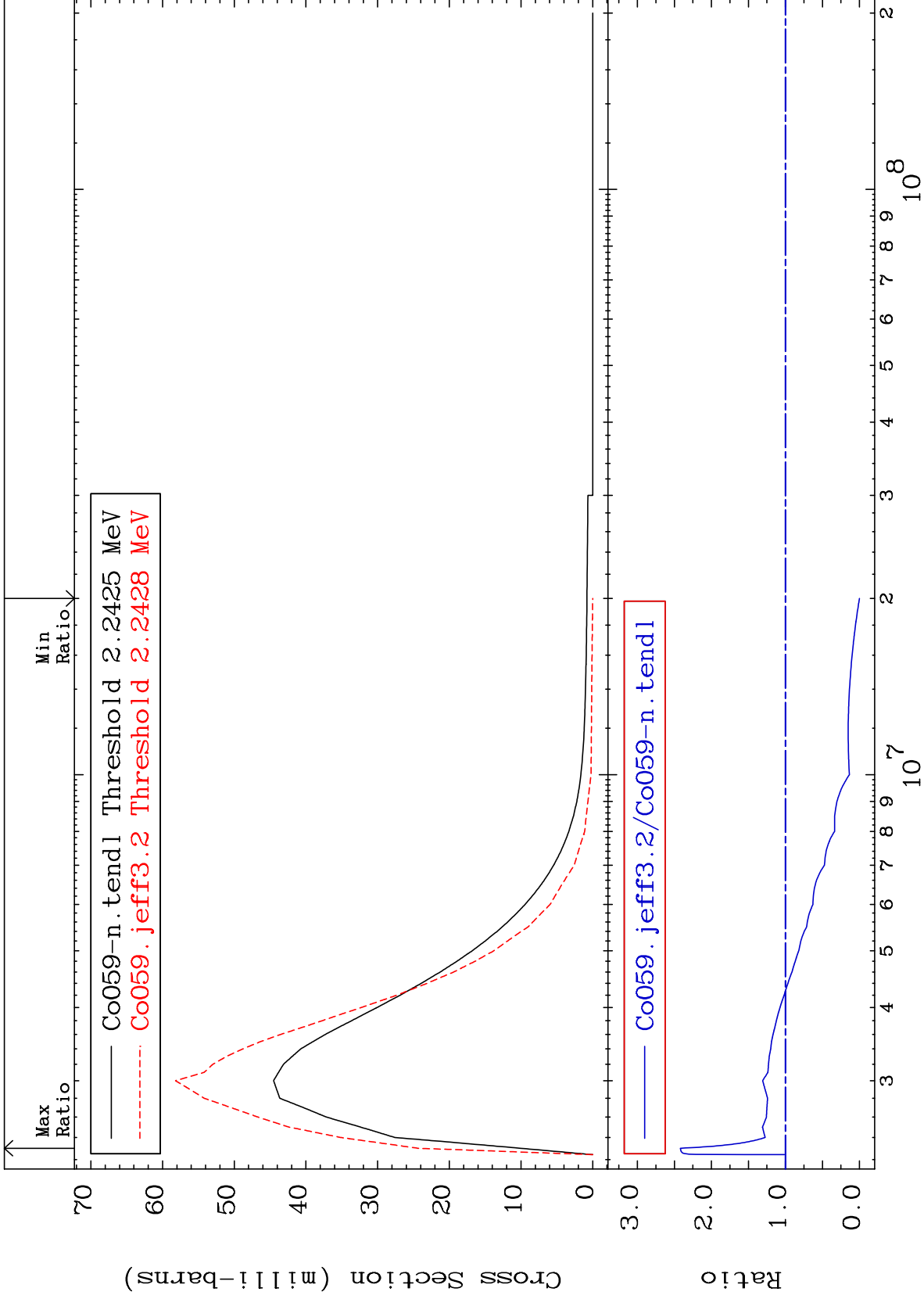
27-Co-59  
-100.0 To 293.1 %



MAT 2725

2.205 MeV (n,n') Level  
Cross Section

<sup>27</sup>Co-59  
-100.0 To 141.9 %

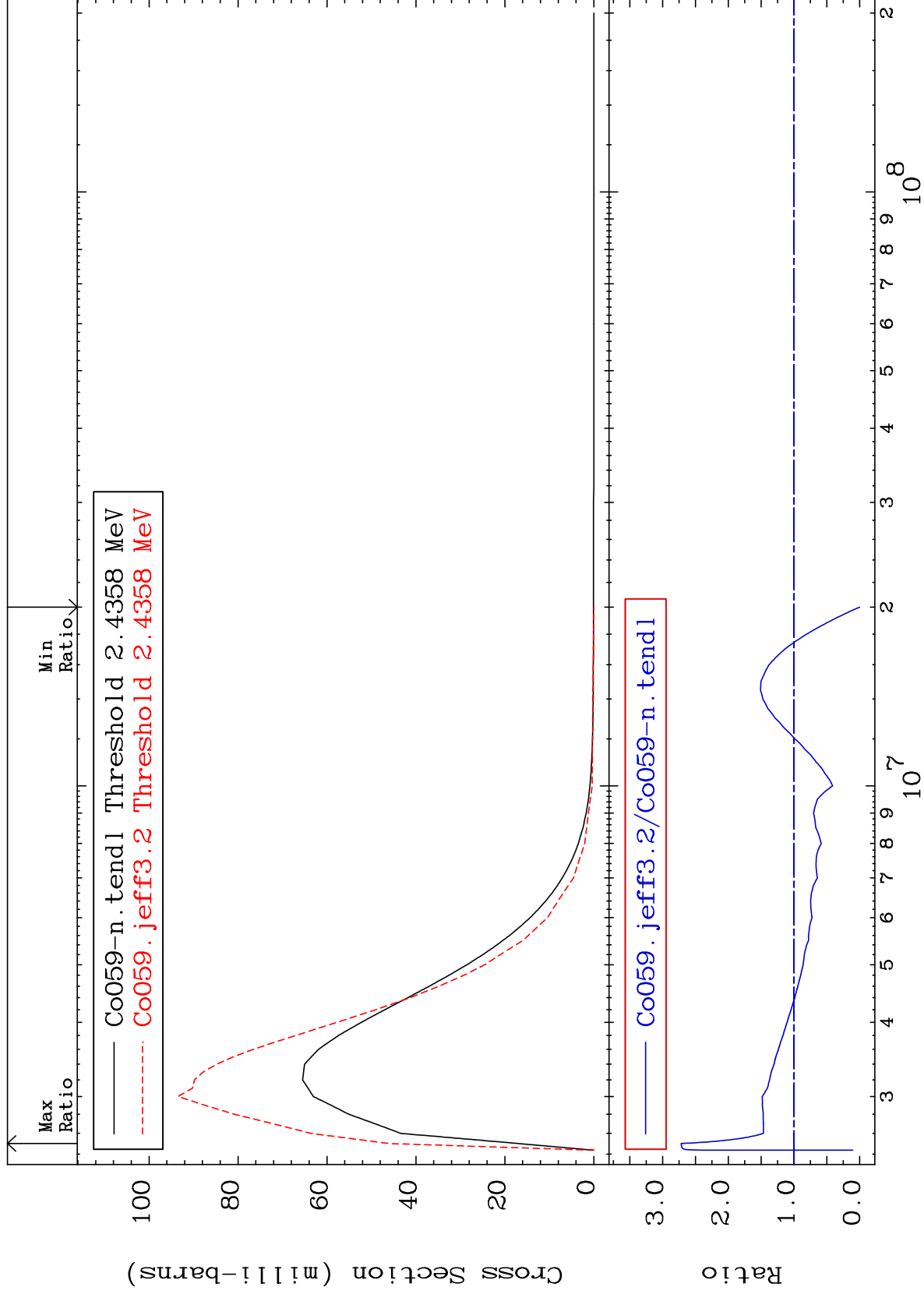


MAT 2725

2.395 MeV (n,n') Level

<sup>27</sup>Co-59

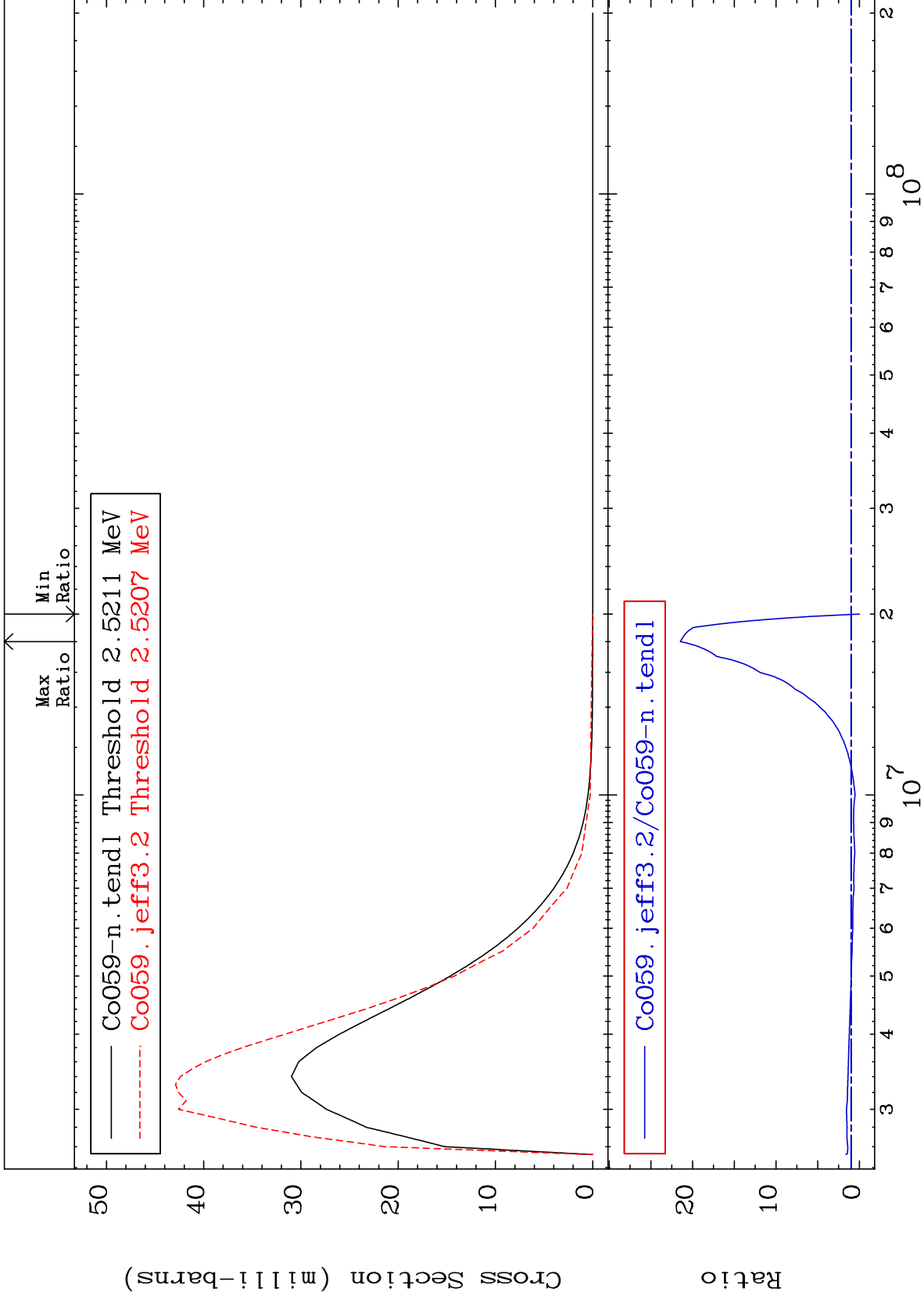
-100.0 To 171.7 %

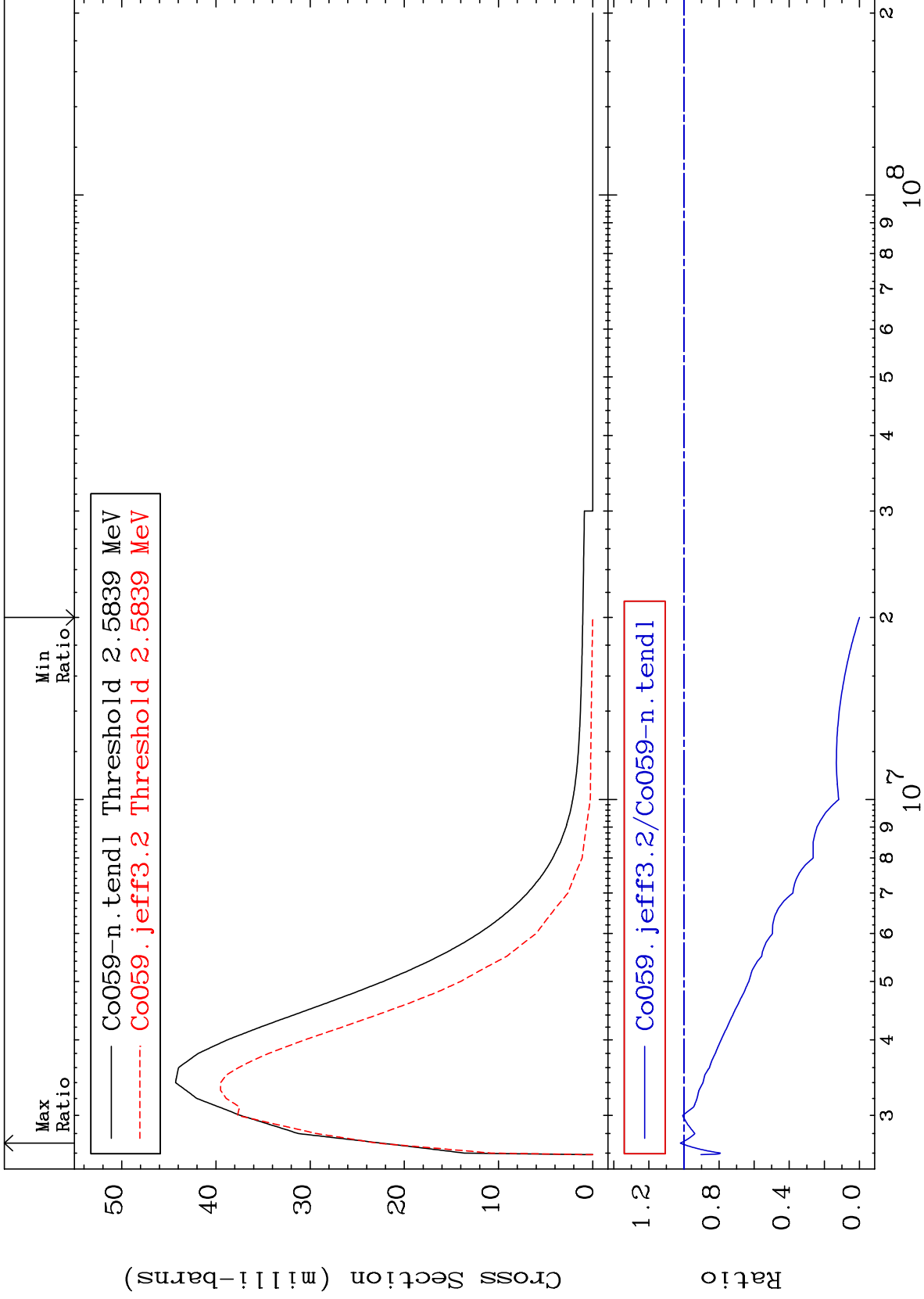


MAT 2725

2.479 MeV (n,n') Level  
Cross Section

27-Co-59  
-100.0 To 2047. %





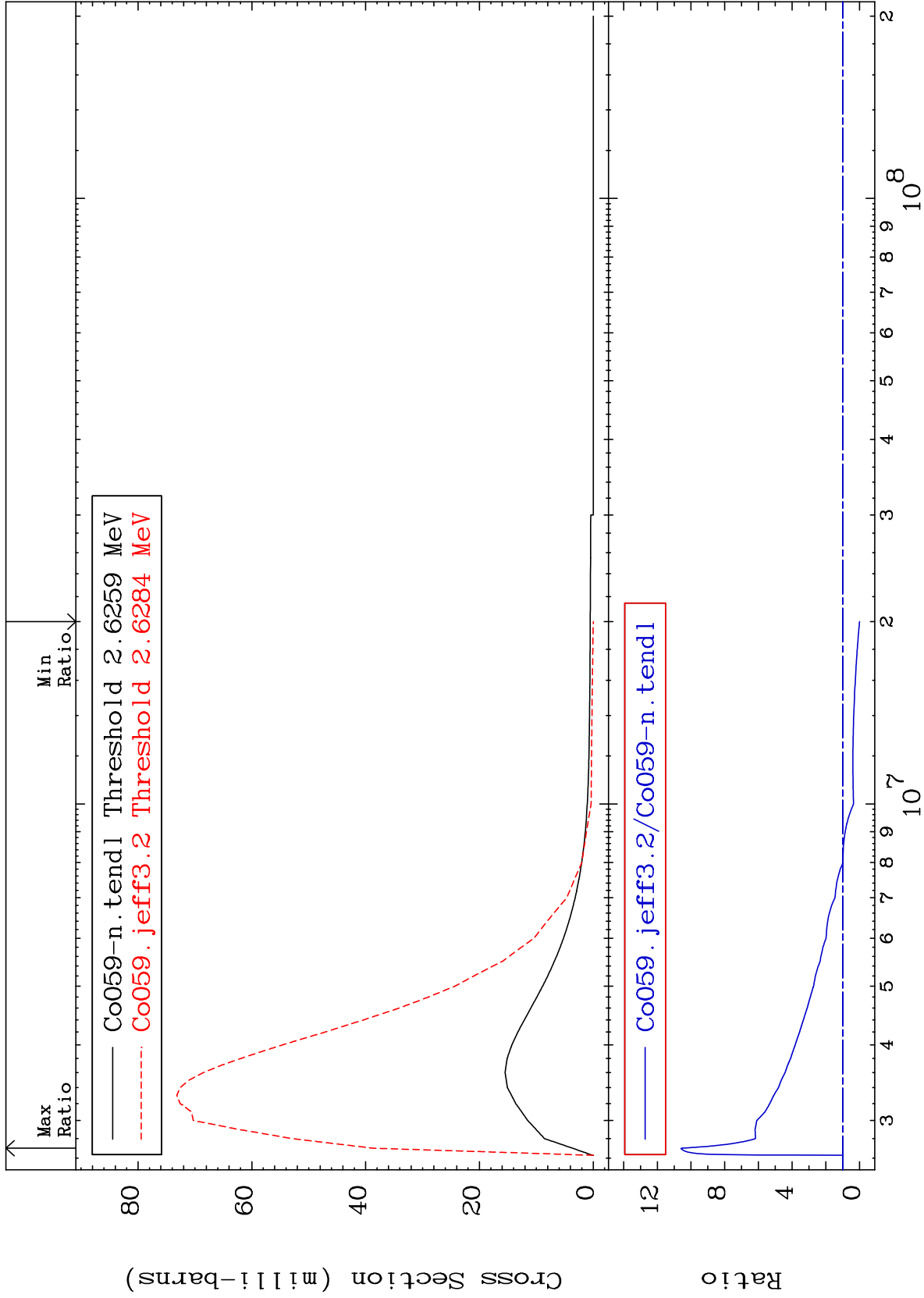
MAT 2725

2.582 MeV (n,n') Level

27-Co-59

-100.0 To 960.9 %

Cross Section



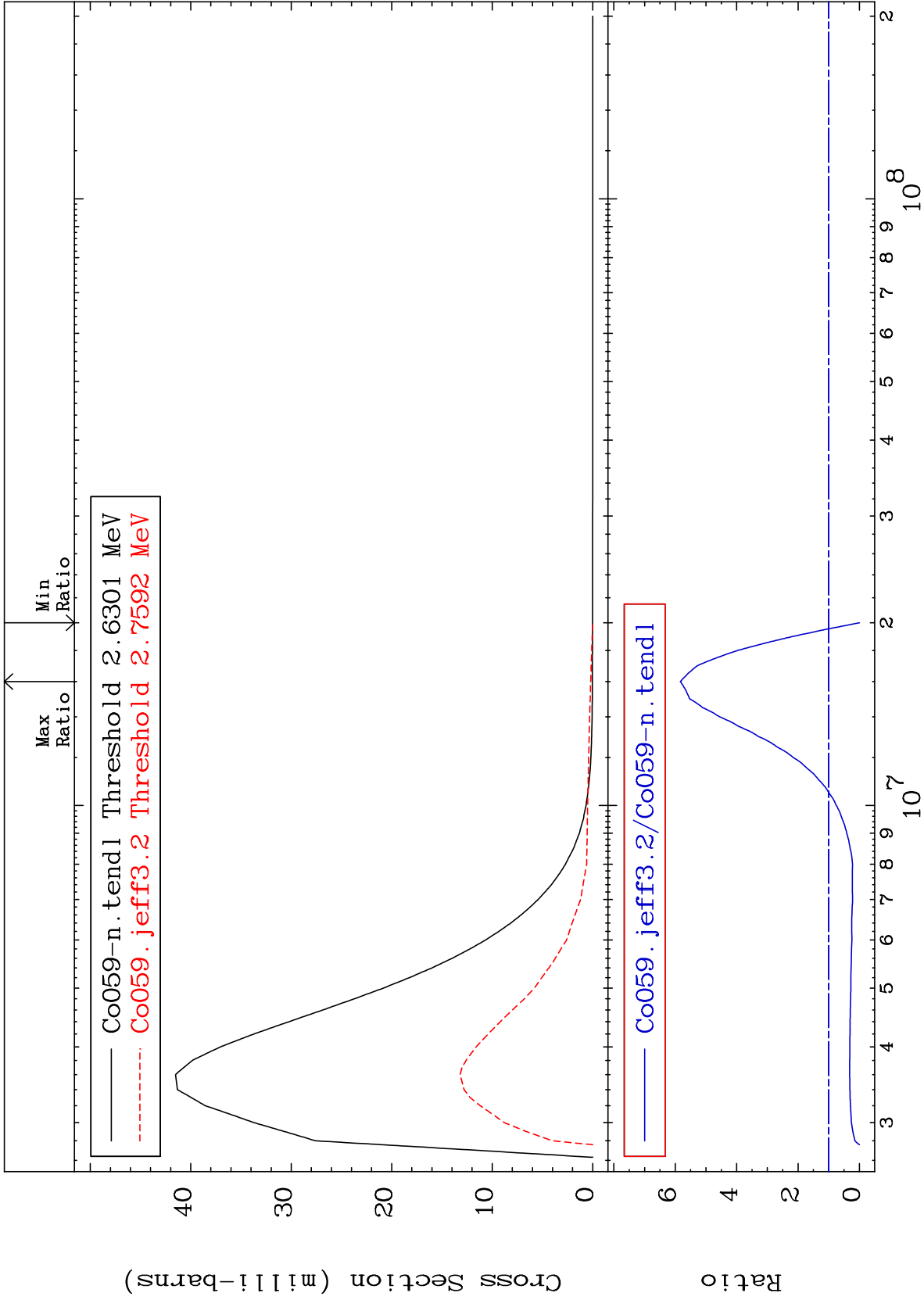


MAT 2725

2.586 MeV (n,n') Level

<sup>27</sup>Co-59

-100.0 To 483.4 %



25

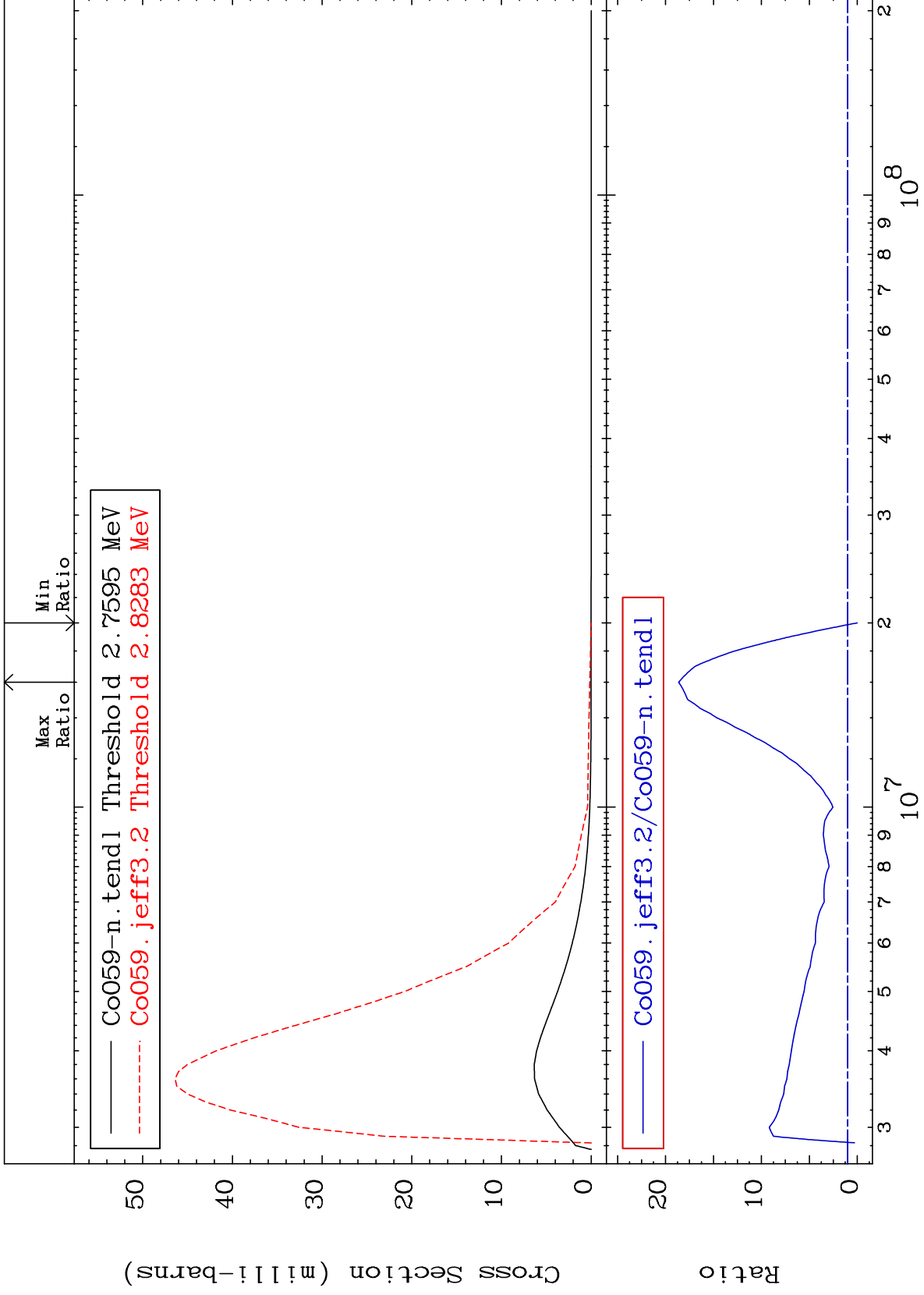
Incident Energy (eV)

<sup>27</sup>Co-59

MAT 2725

2.713 MeV (n,n') Level  
Cross Section

27-Co-59  
-100.0 To 1763. %



26

Incident Energy (eV)

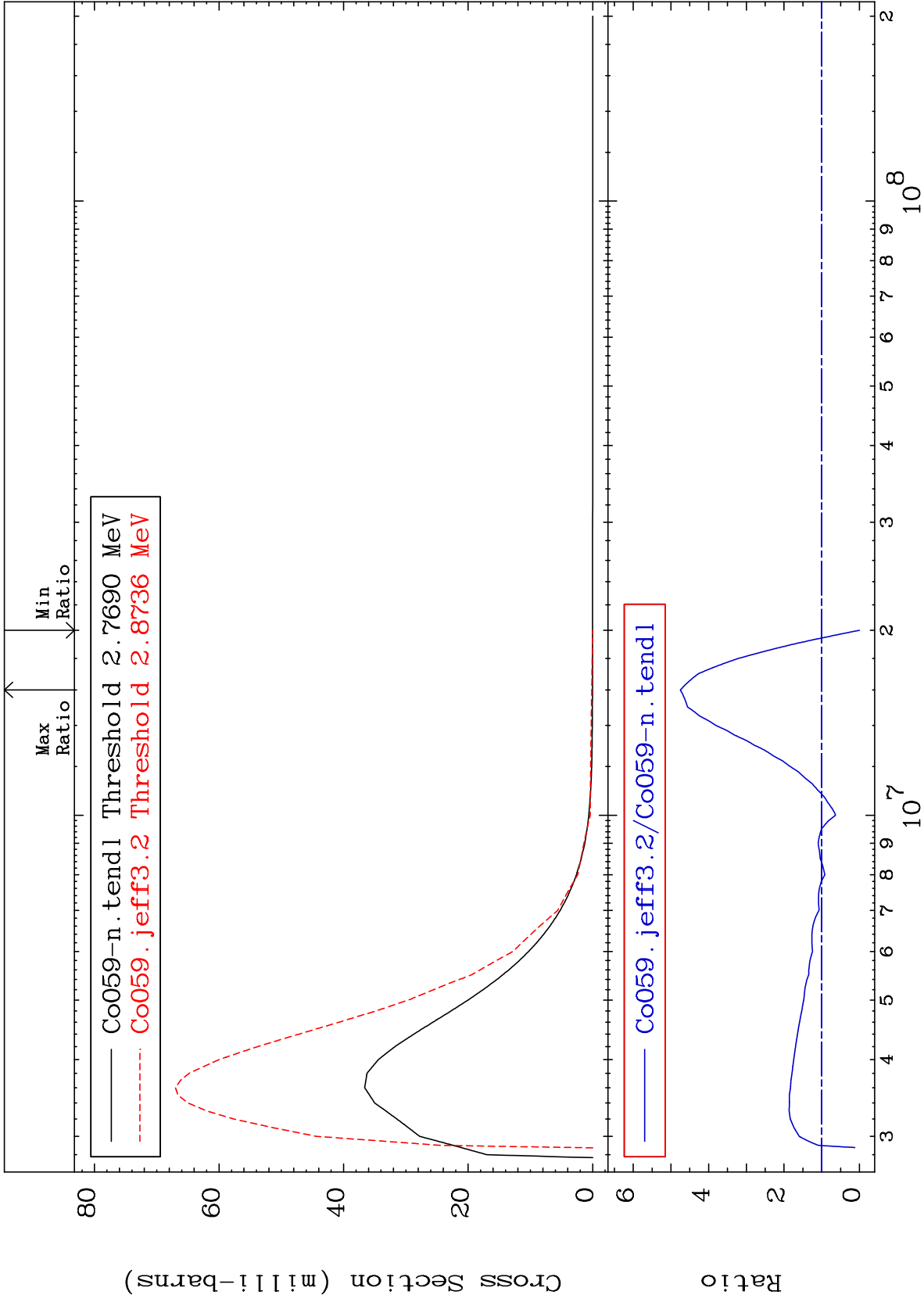
27-Co-59

MAT 2725

2.722 MeV (n,n') Level

27-Co-59

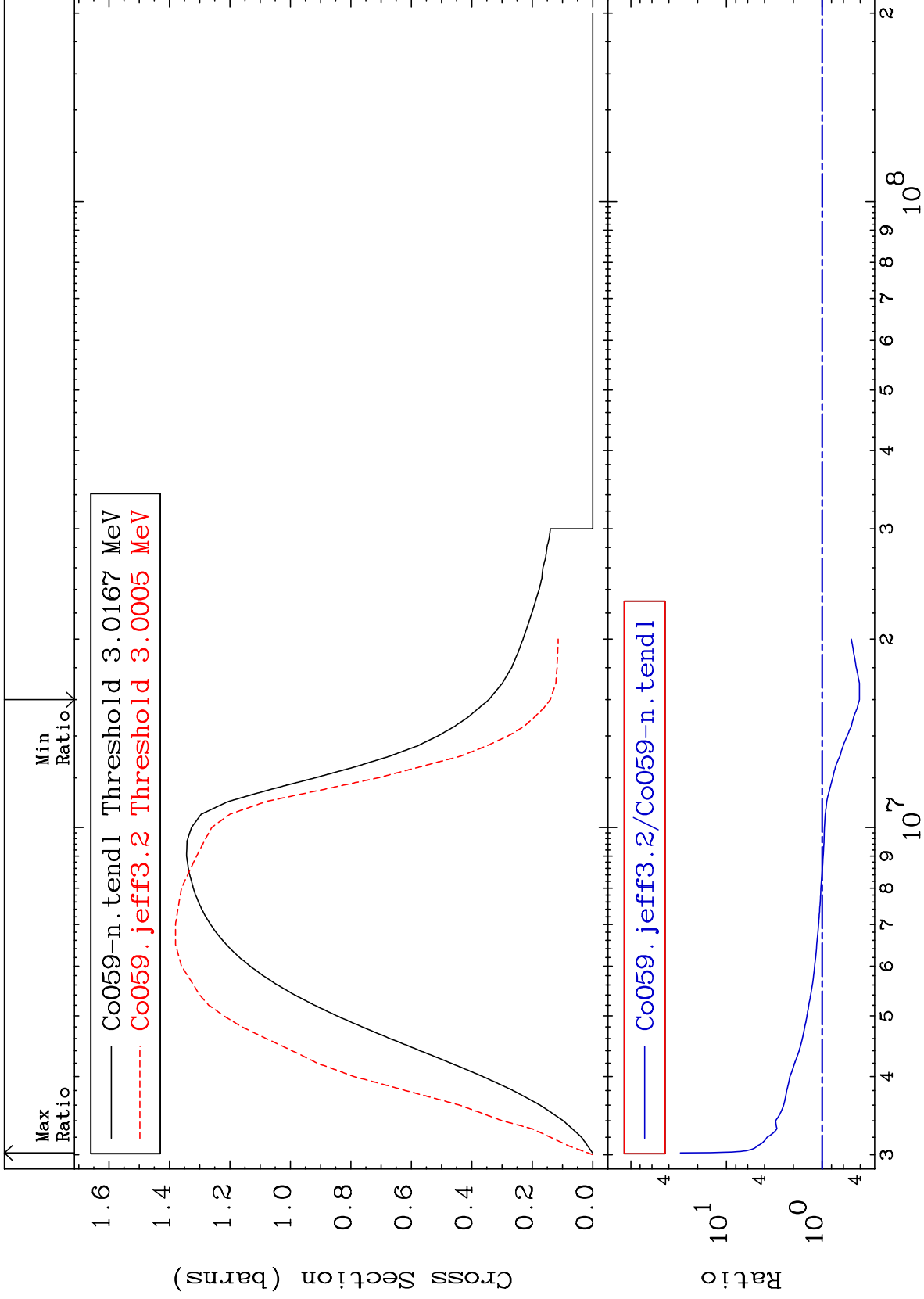
-100.0 To 375.0 %



27

Incident Energy (eV)

27-Co-59



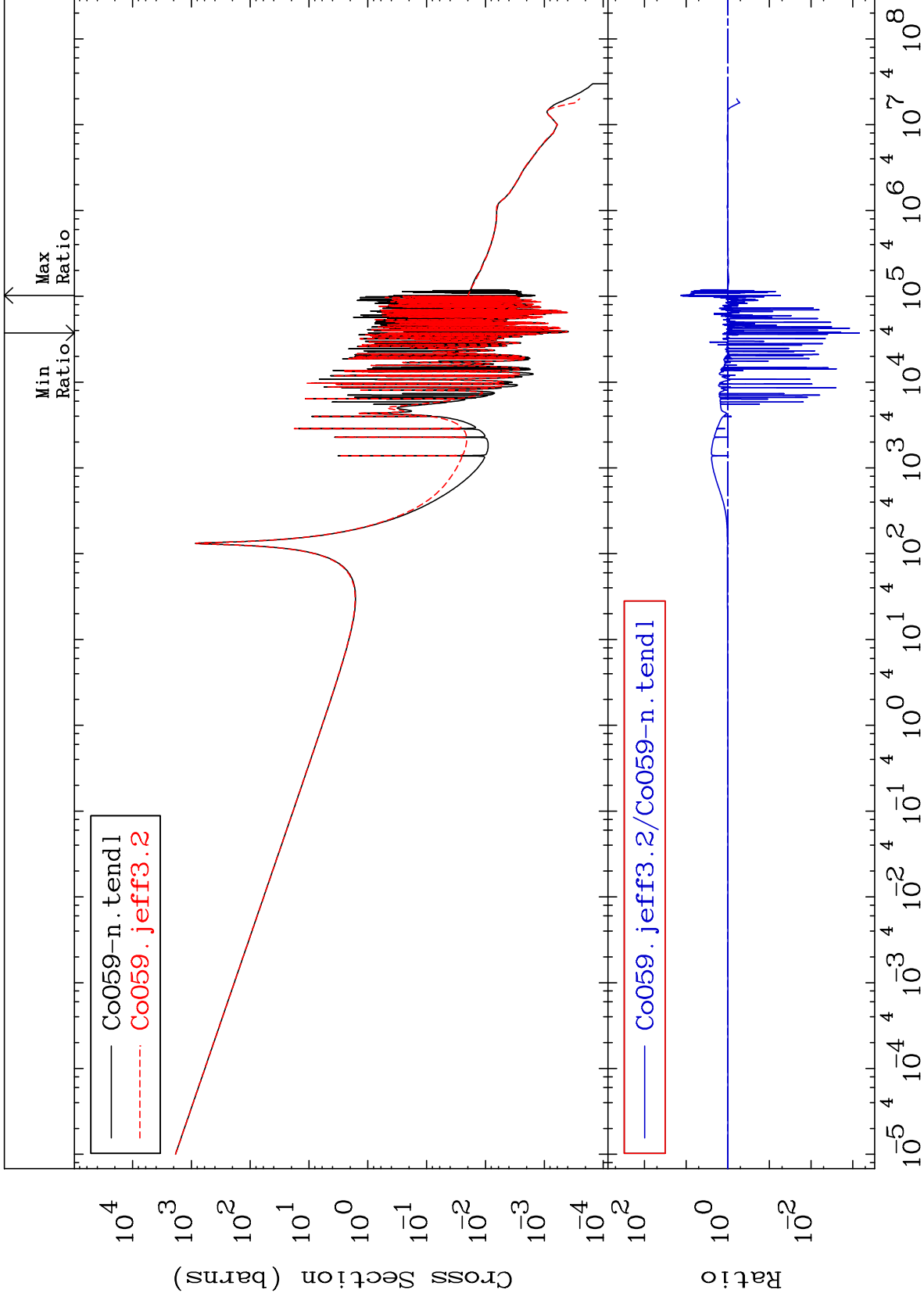
MAT 2725

(n,  $\gamma$ )

27-Co-59

Cross Section

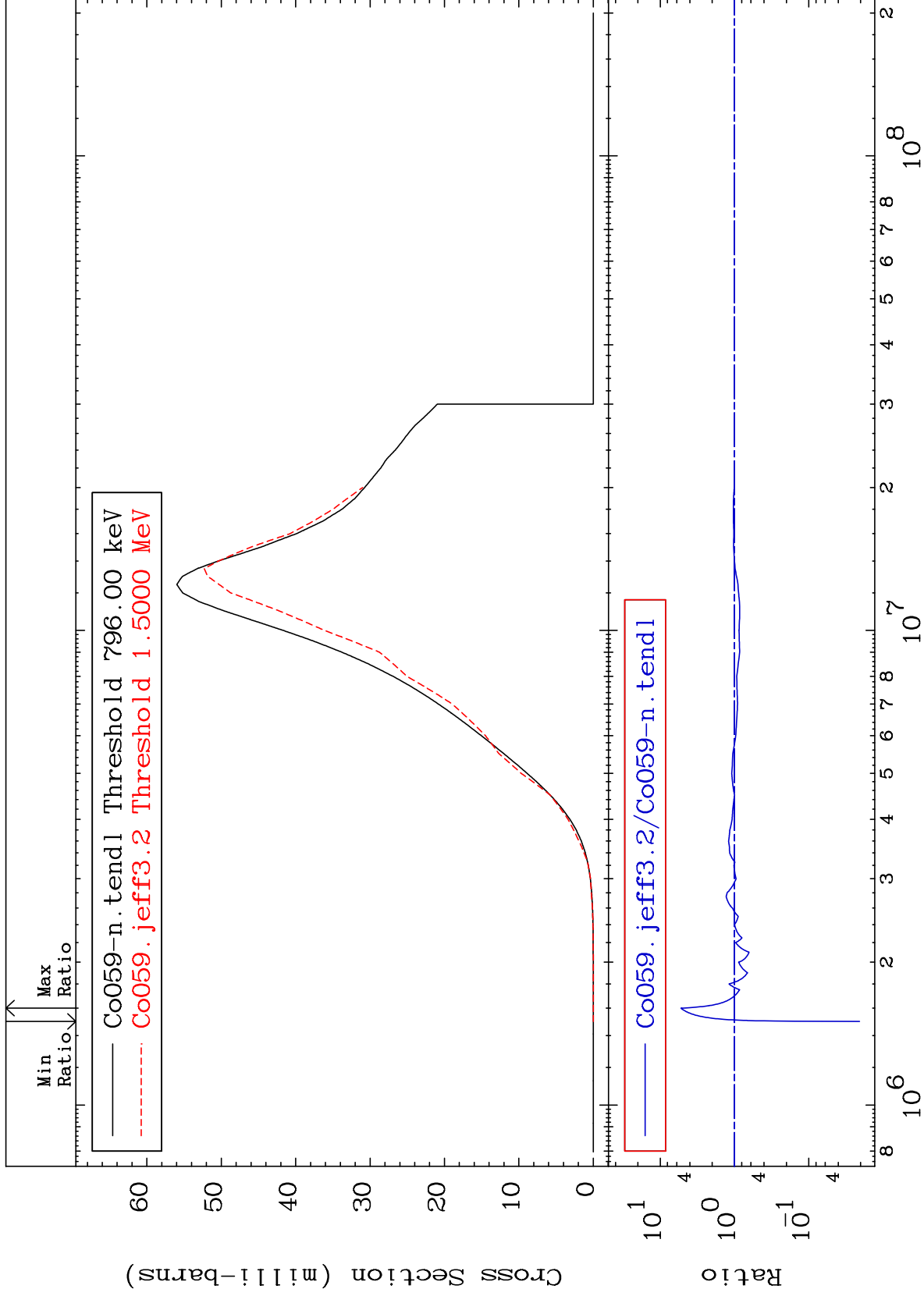
-99.93 To 1278. %



MAT 2725

(n,p)  
Cross Section

<sup>27</sup>Co-59  
-97.93 To 429.3 %



30

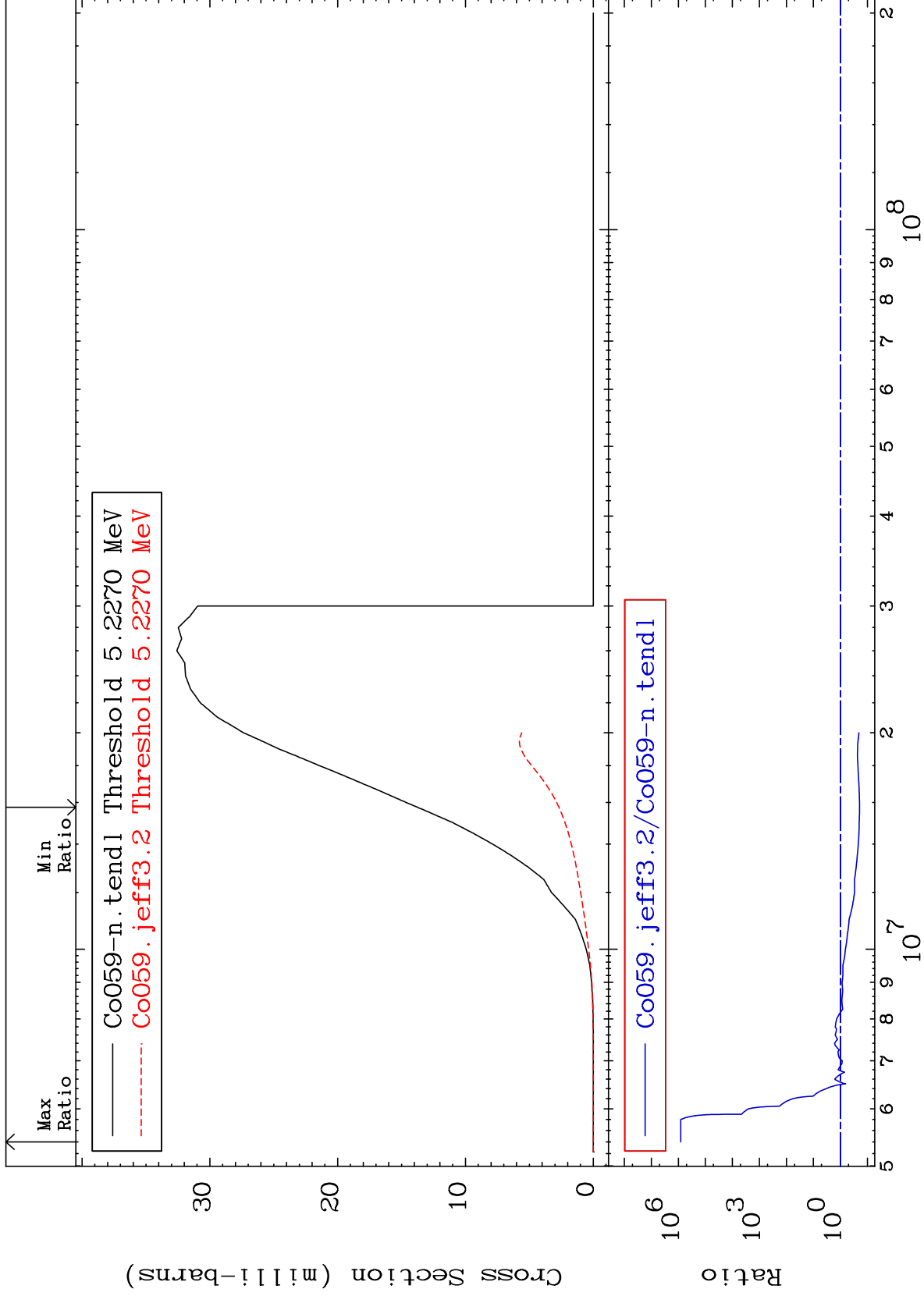
Incident Energy (eV)

<sup>27</sup>Co-59

MAT 2725

(n, d)  
Cross Section

27-Co-59  
-80.47 To 9999. %



31

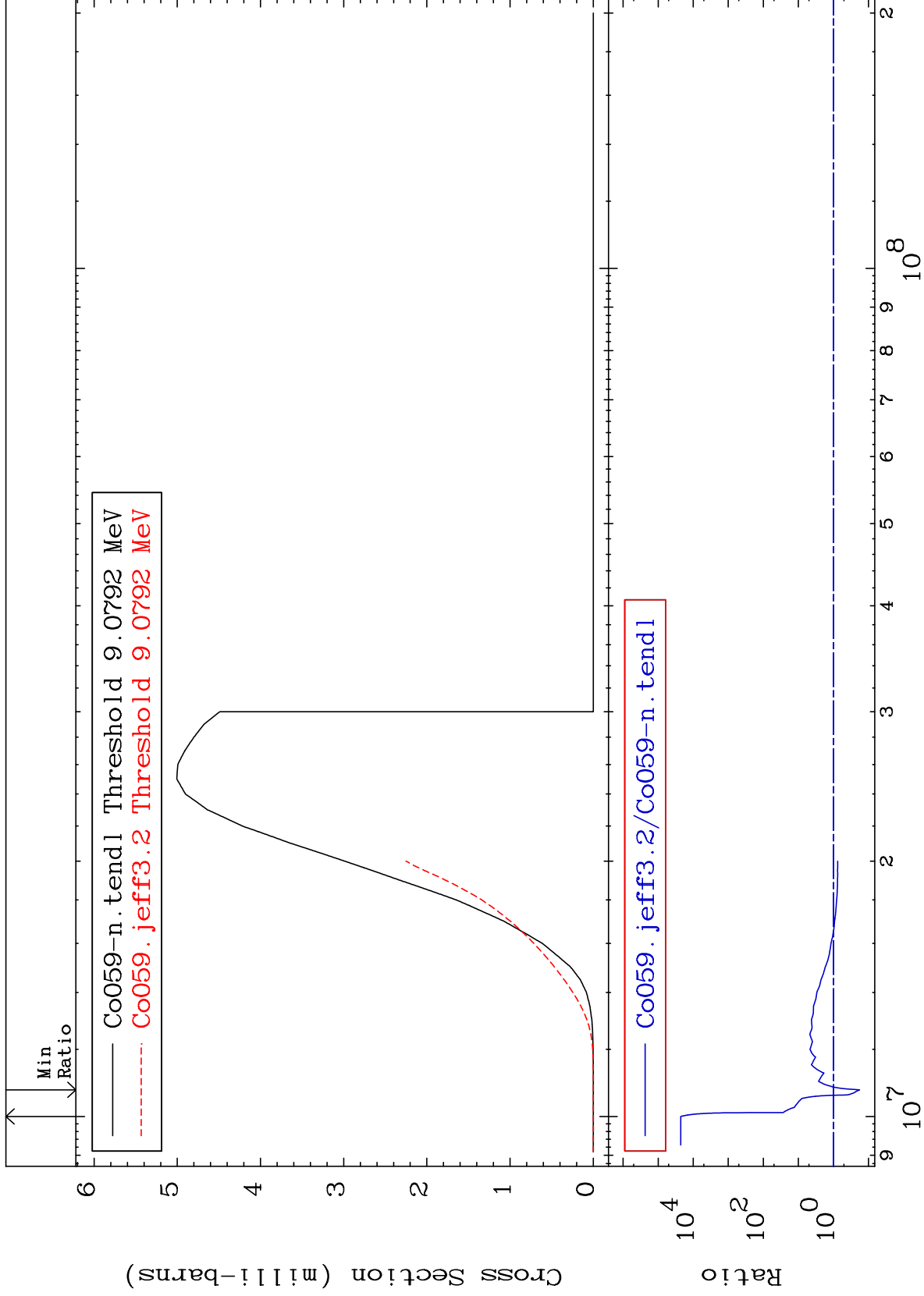
Incident Energy (eV)

27-Co-59

MAT 2725

(n, t)  
Cross Section

27-Co-59  
-81.98 To 9999. %

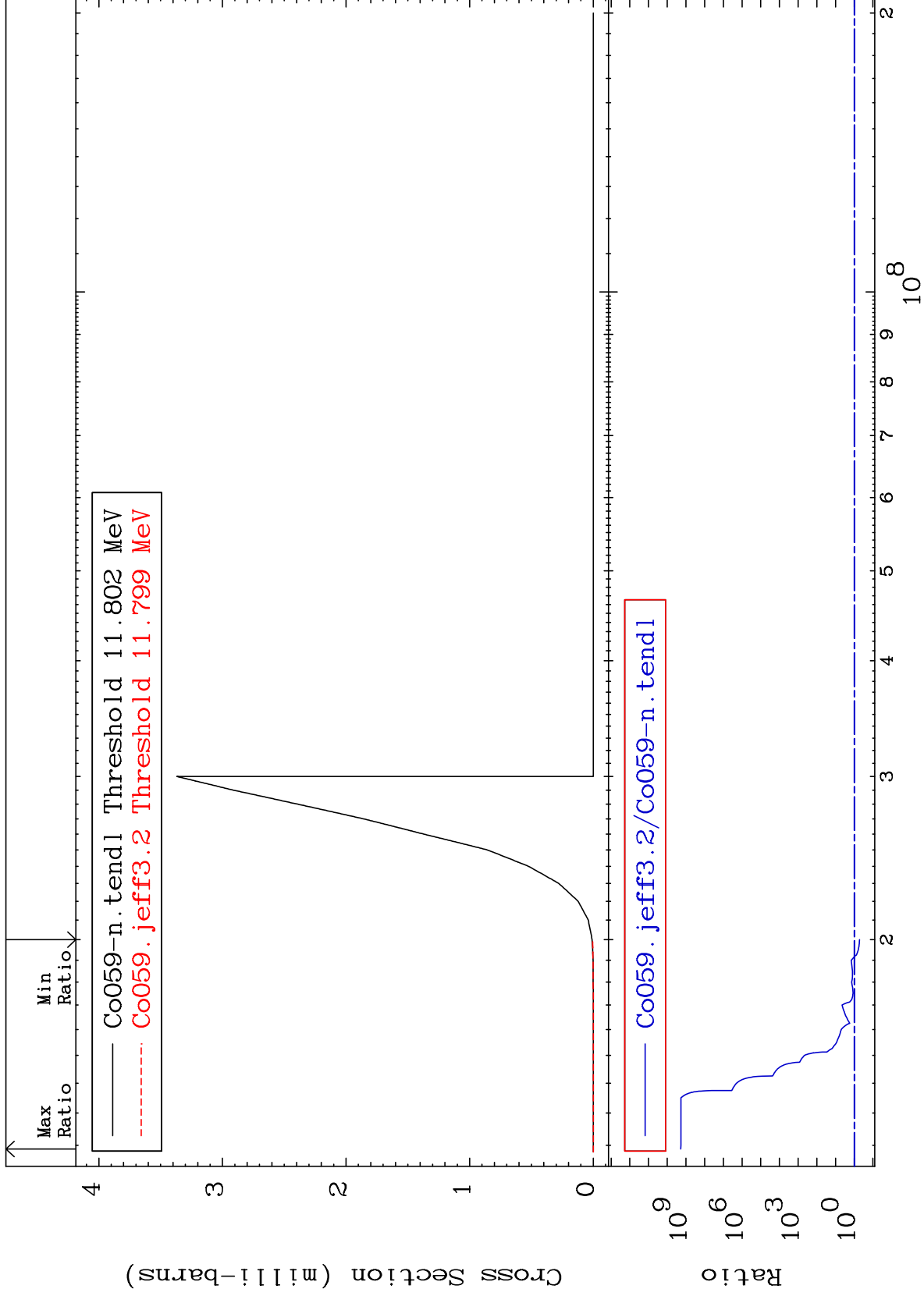


32

Incident Energy (eV)

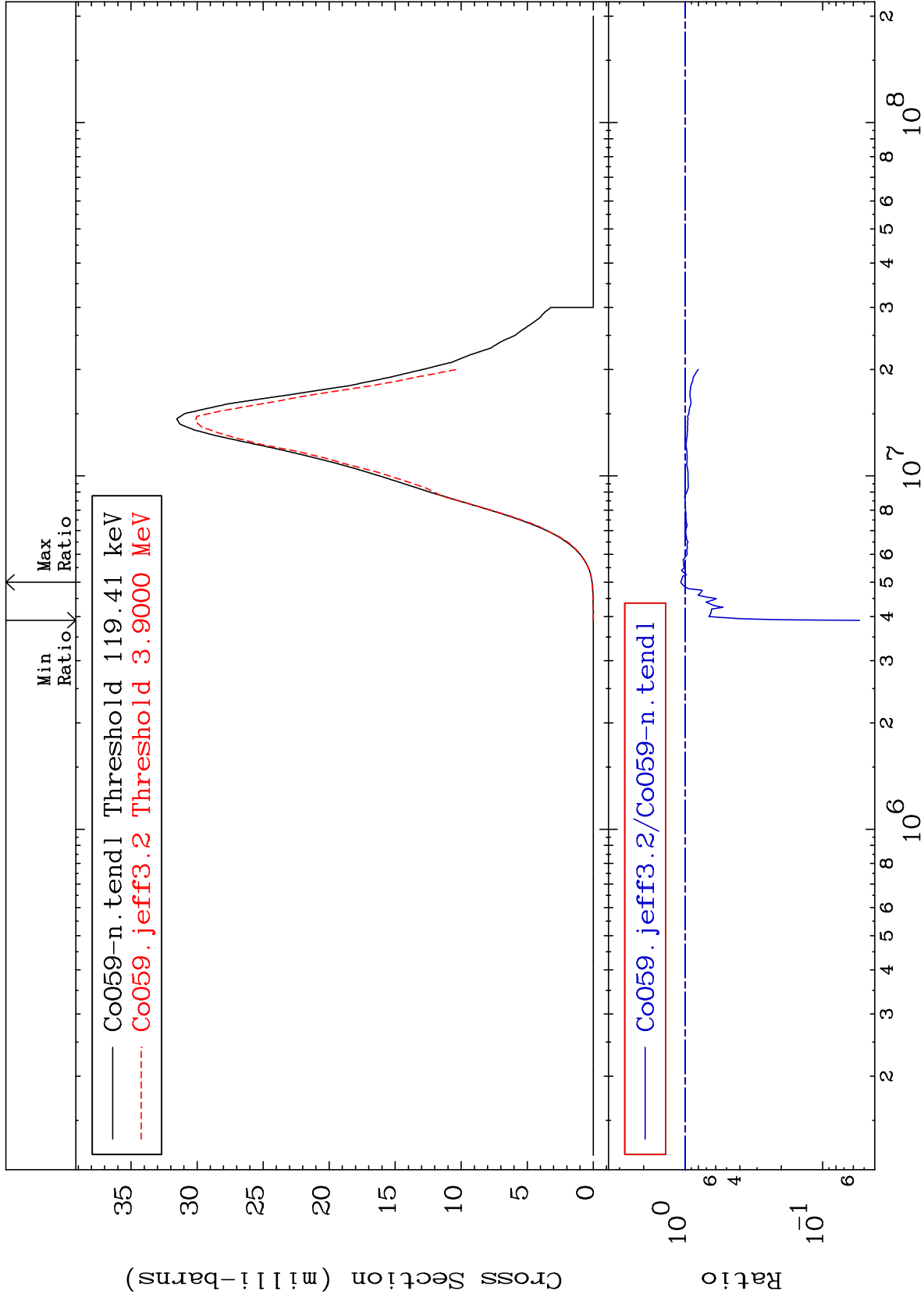
27-Co-59





MAT 2725

(n,  $\alpha$ )  
Cross Section  
27-Co-59  
-94.60 To 7.594 %



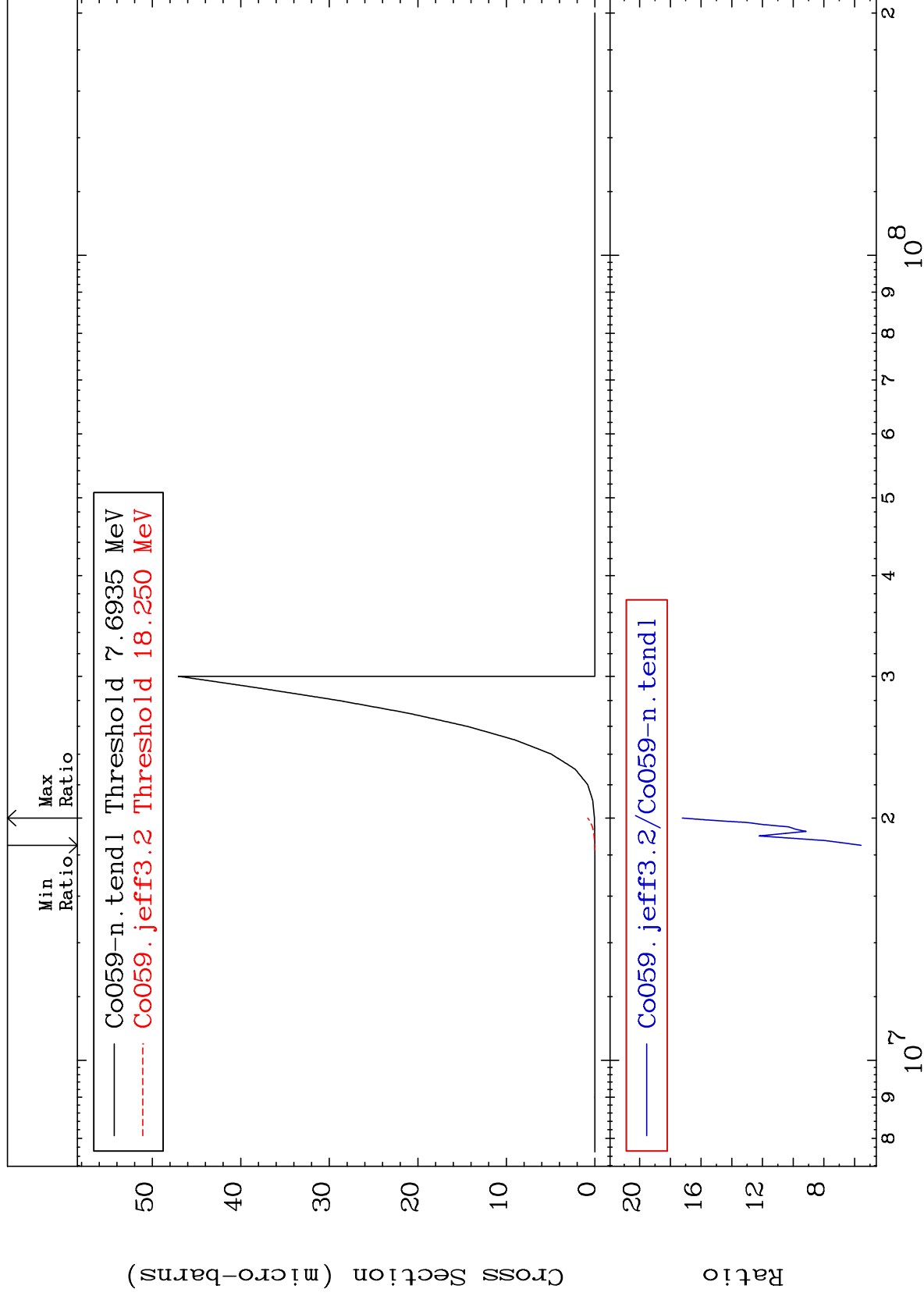
MAT 2725

(n,2α)

27-Co-59

Cross Section

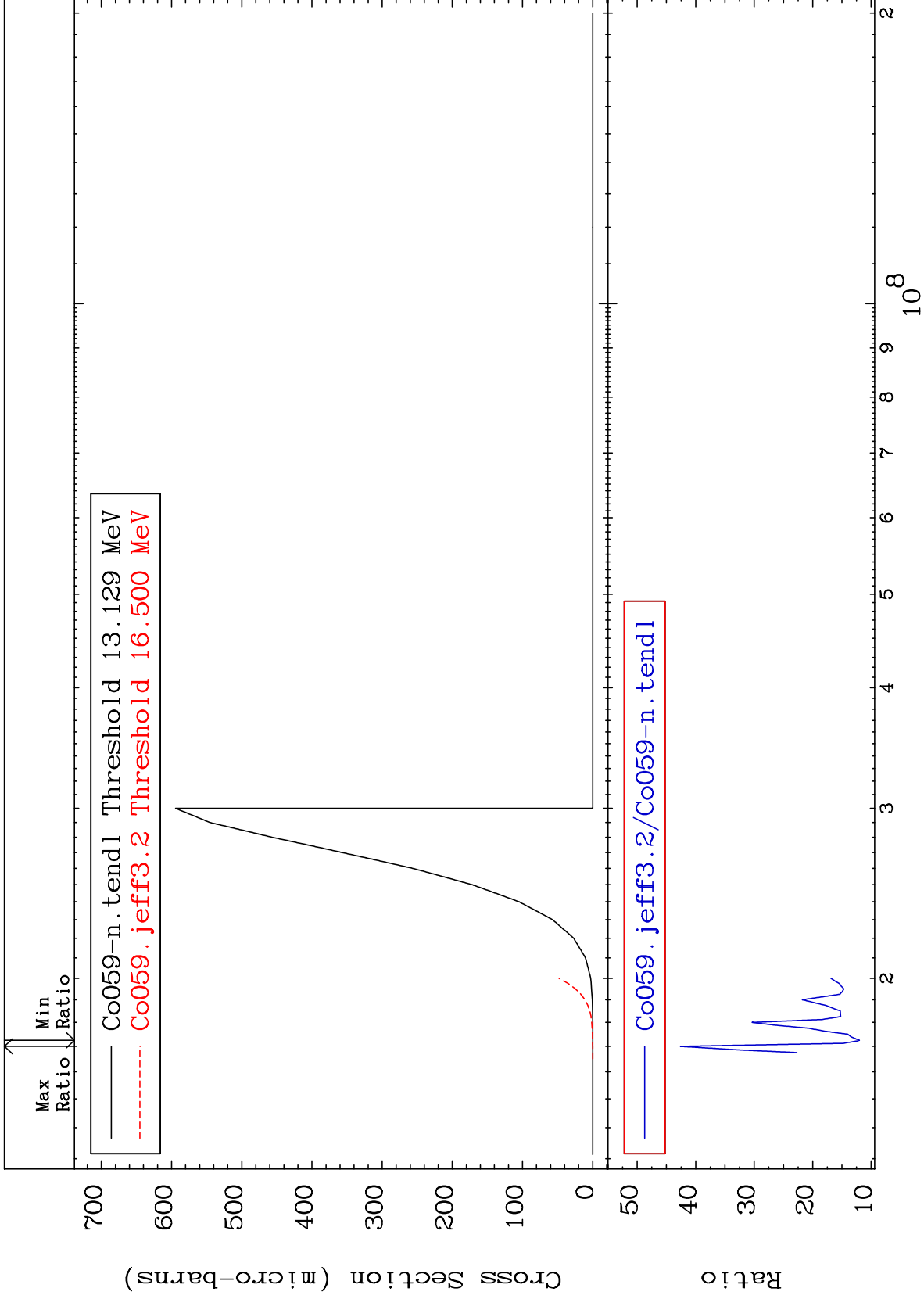
457.9 To 1622. %



35

Incident Energy (eV)

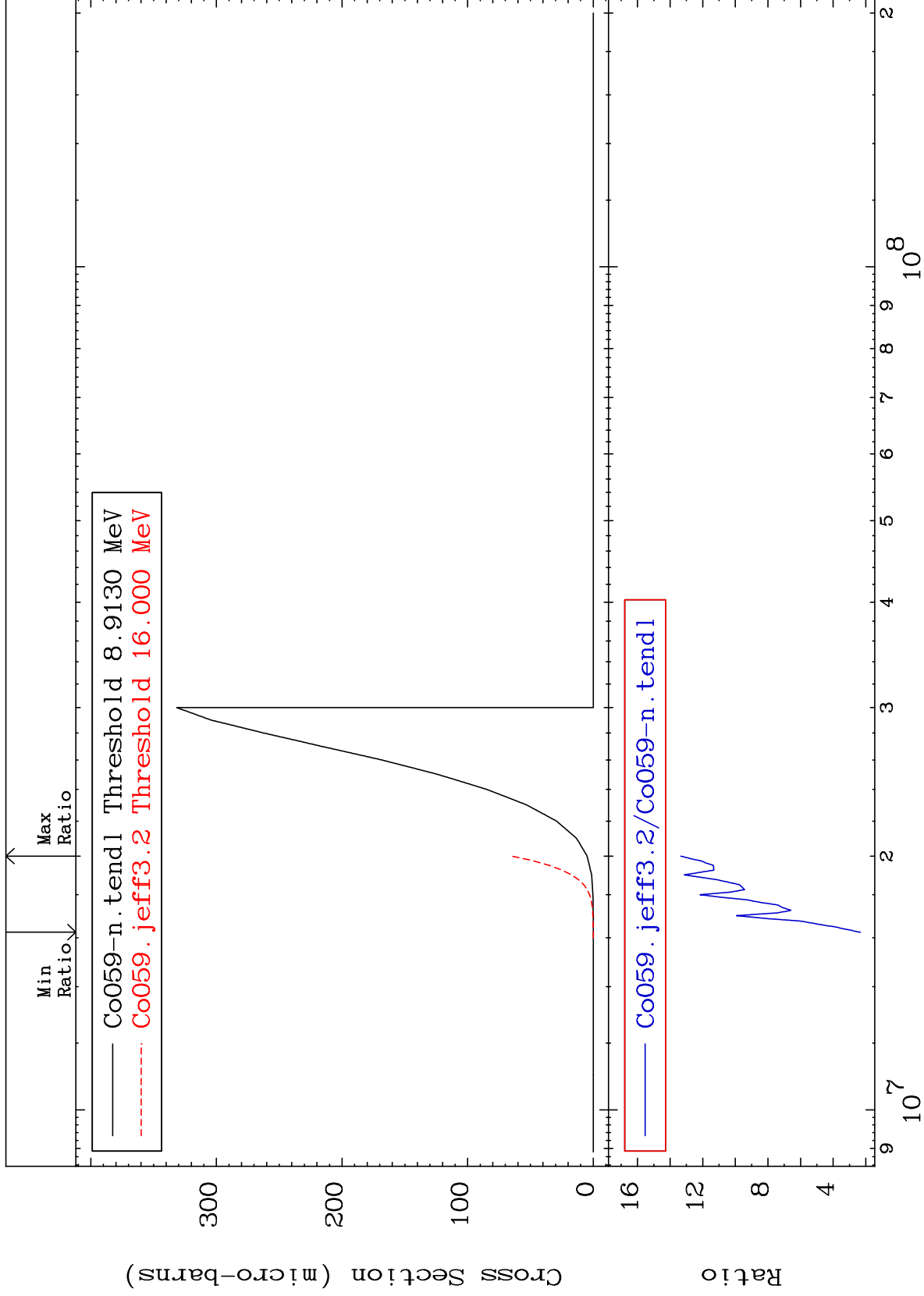
27-Co-59



MAT 2725

(n,p)  $\alpha$   
Cross Section

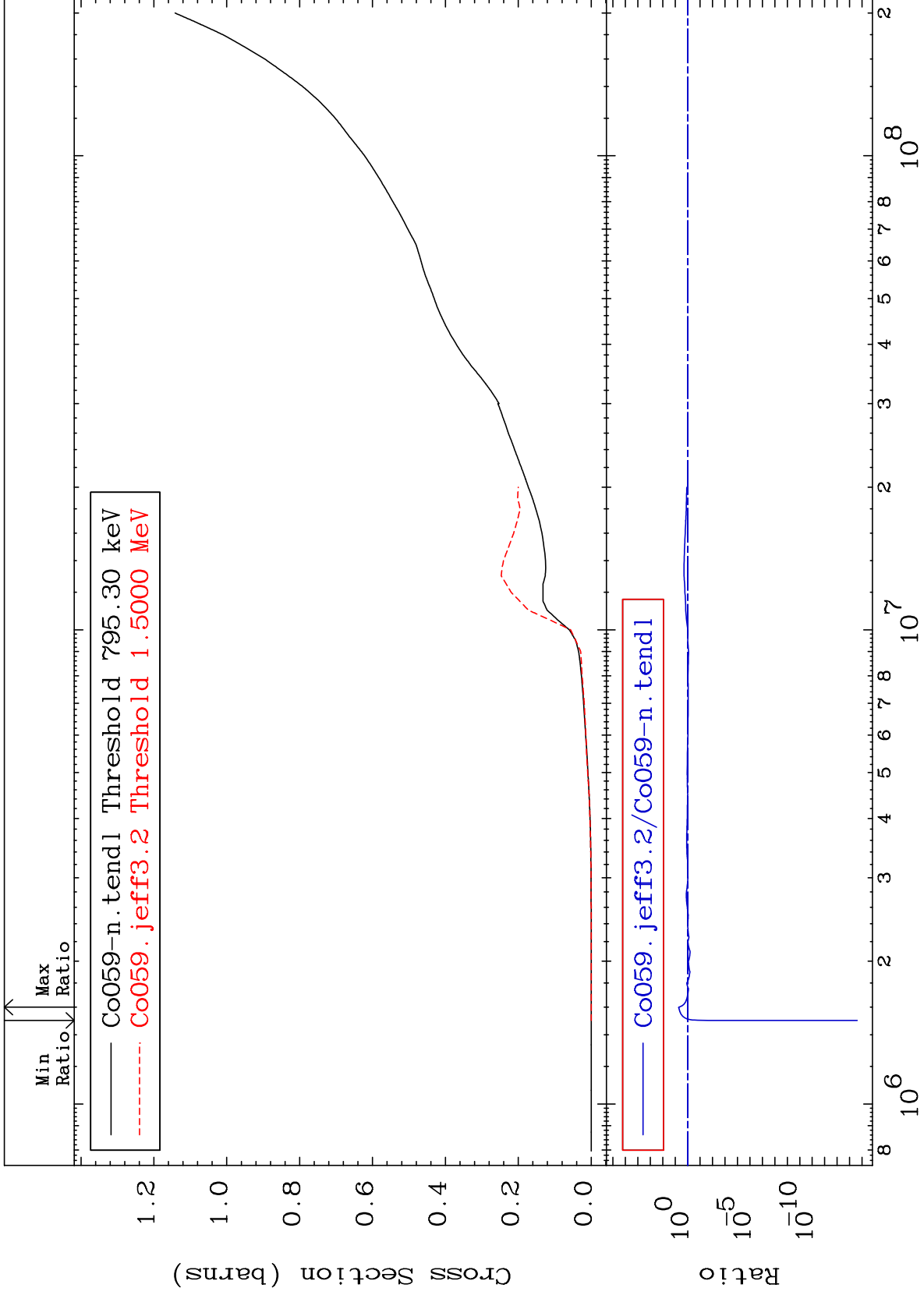
27-Co-59  
138.4 To 1235. %

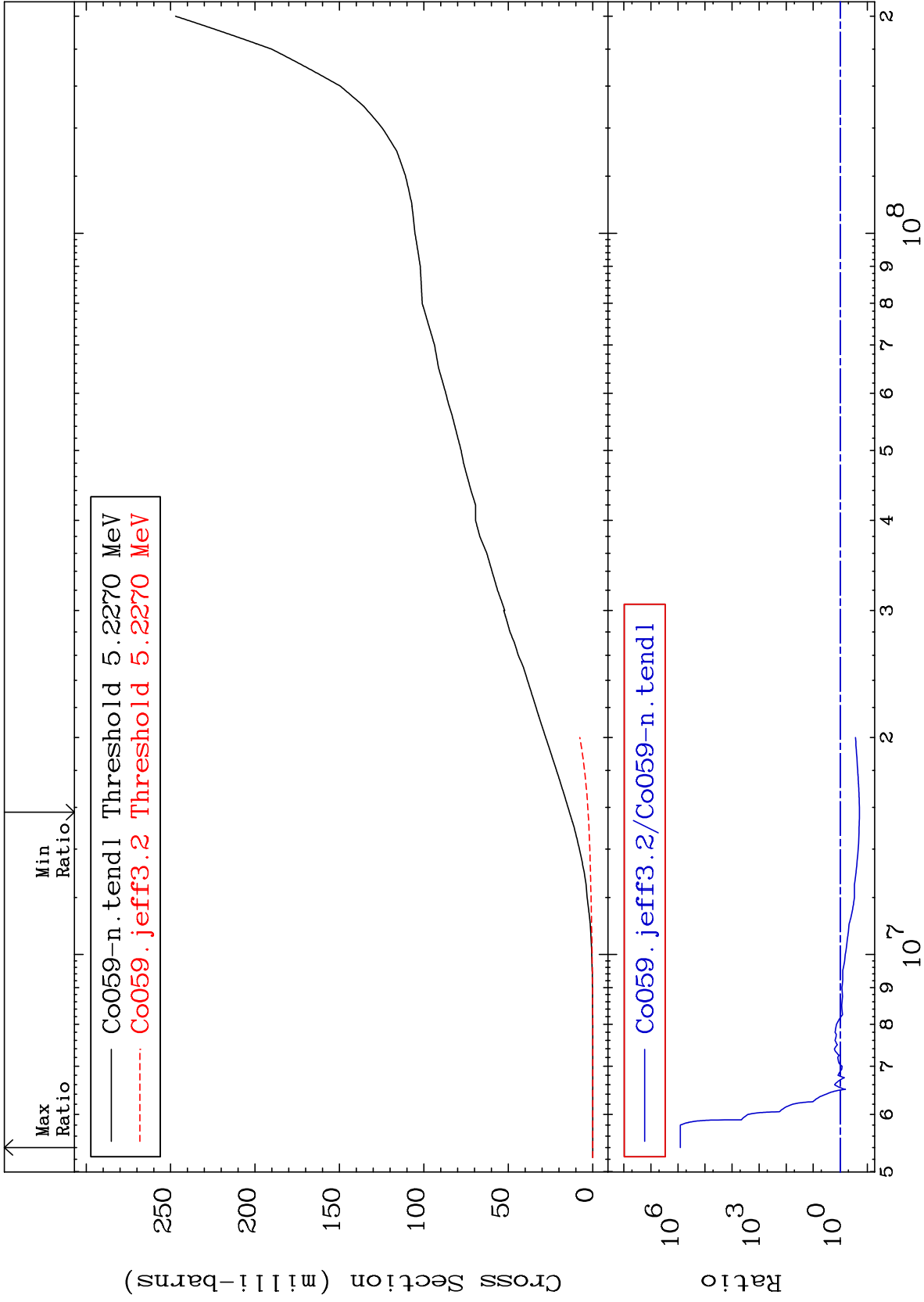


37

Incident Energy (eV)

27-Co-59

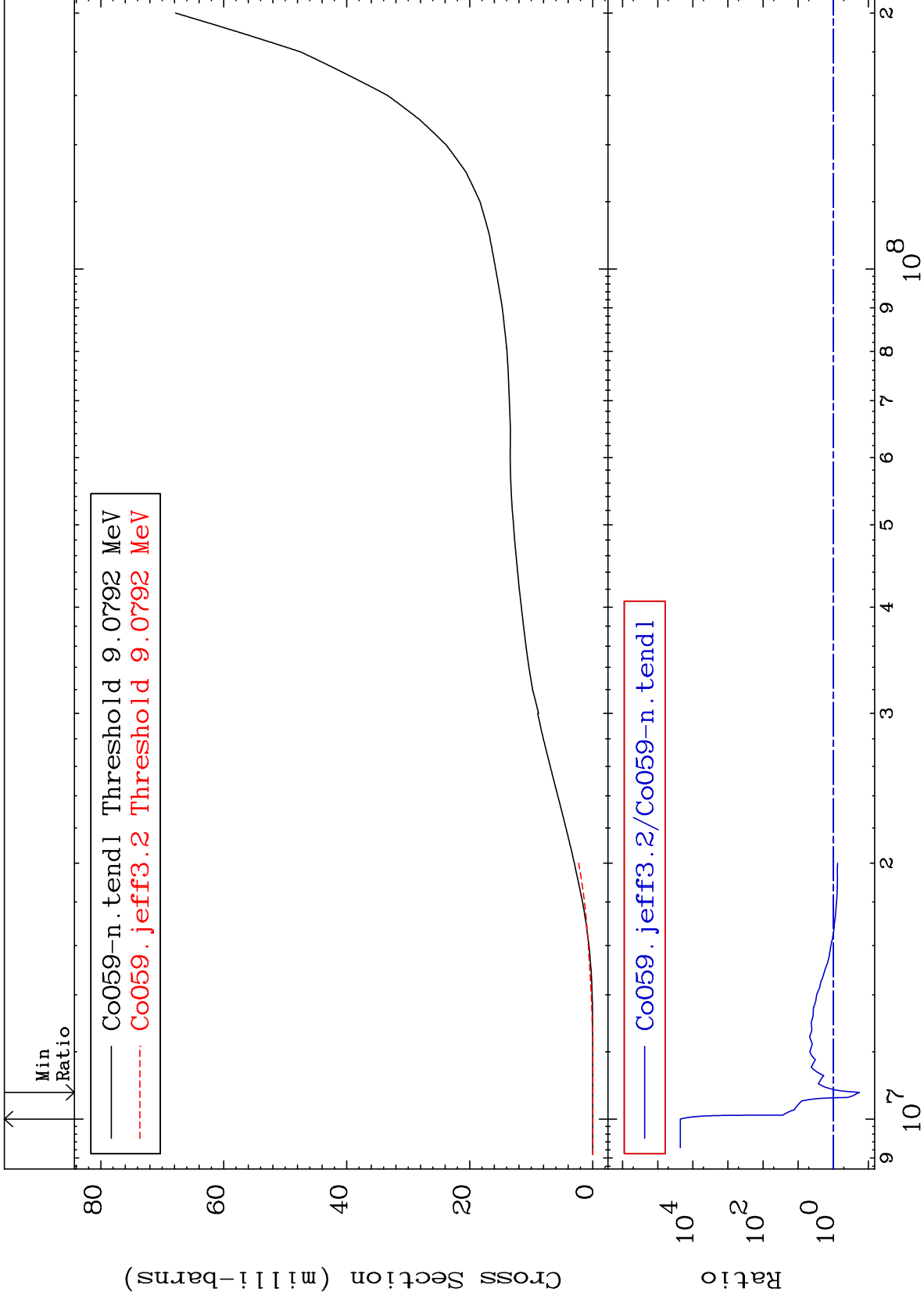




MAT 2725

Tritium Production  
Cross Section

<sup>27</sup>Co-59  
-81.98 To 9999. %

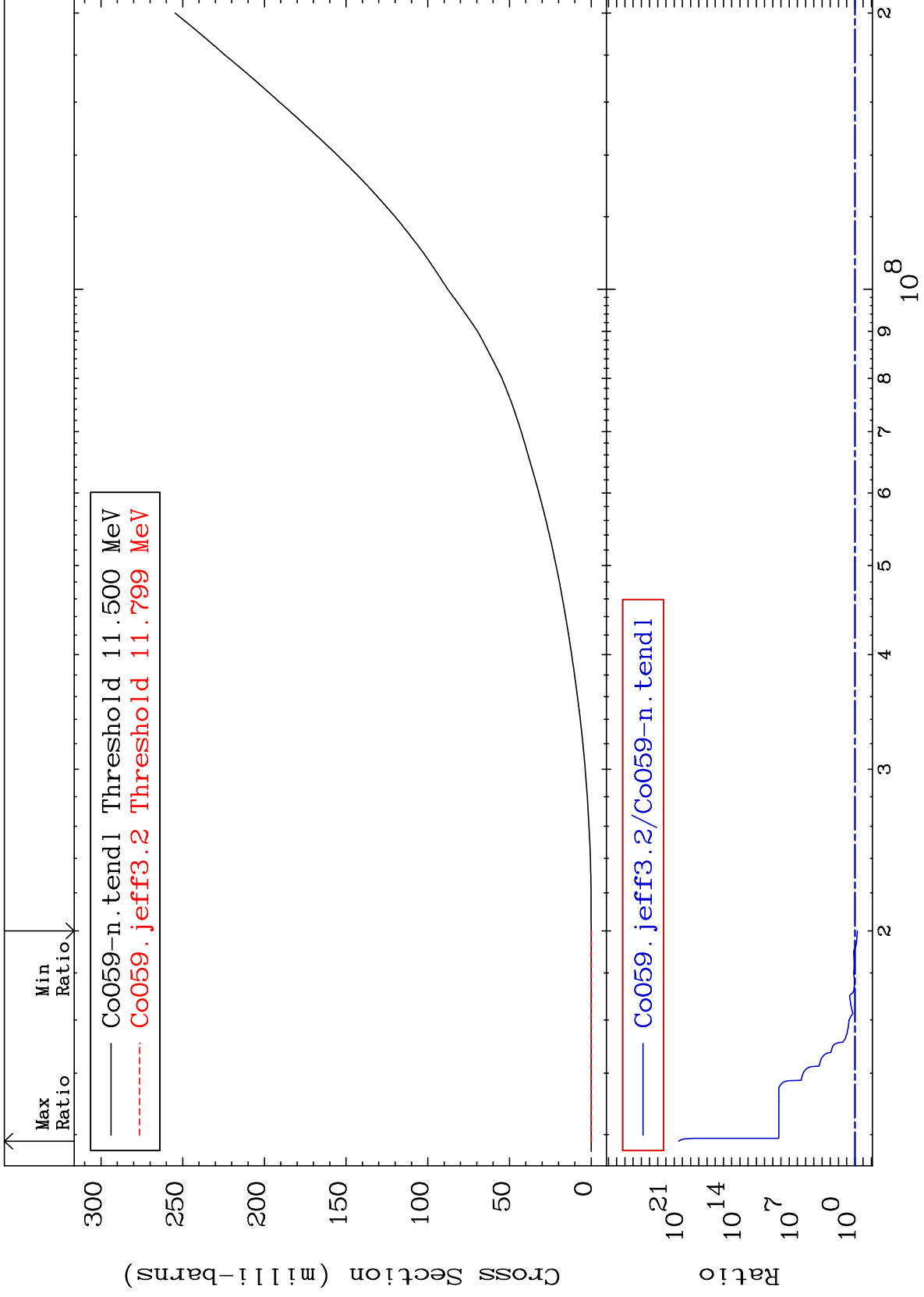


40

Incident Energy (eV)

<sup>27</sup>Co-59

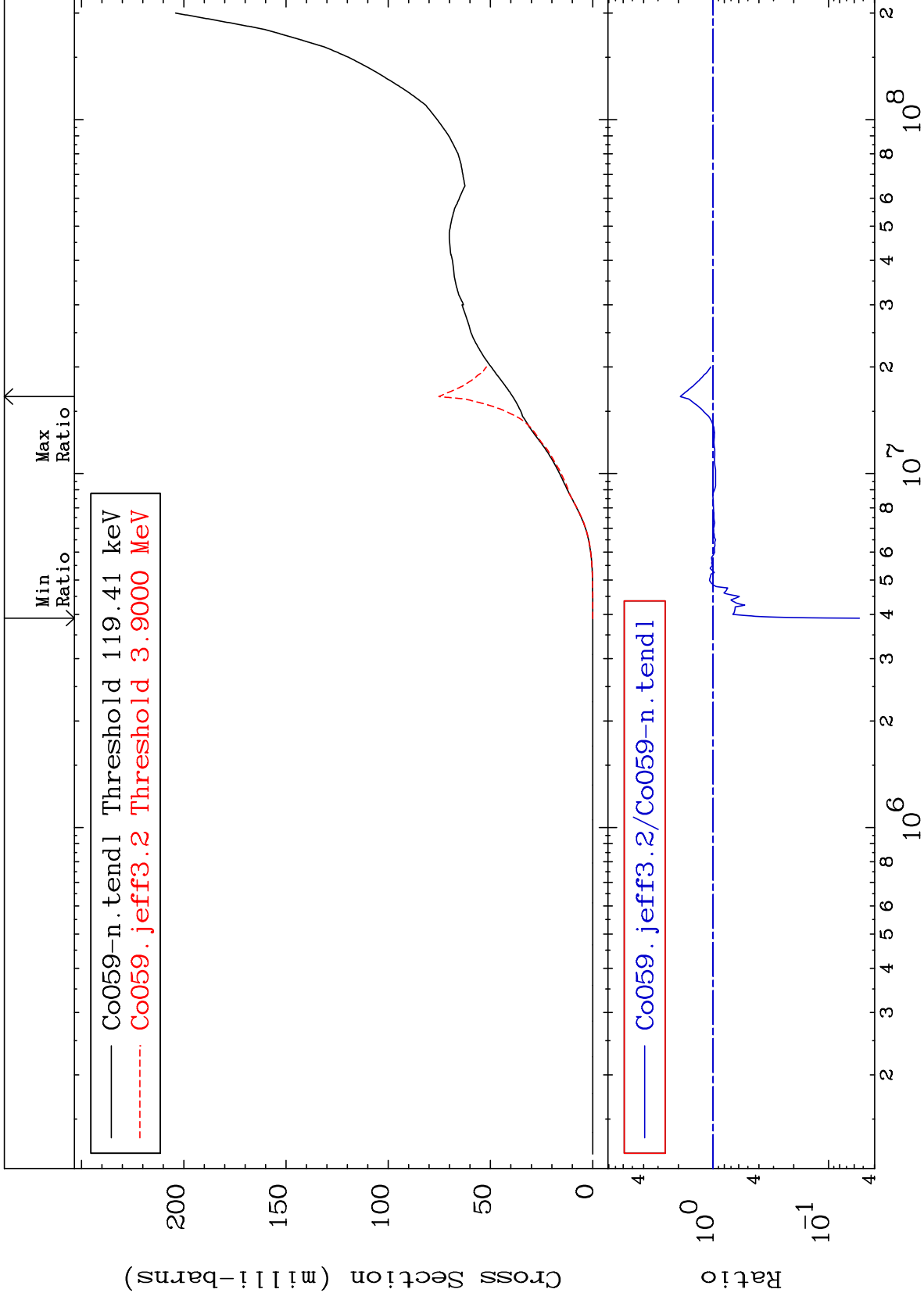


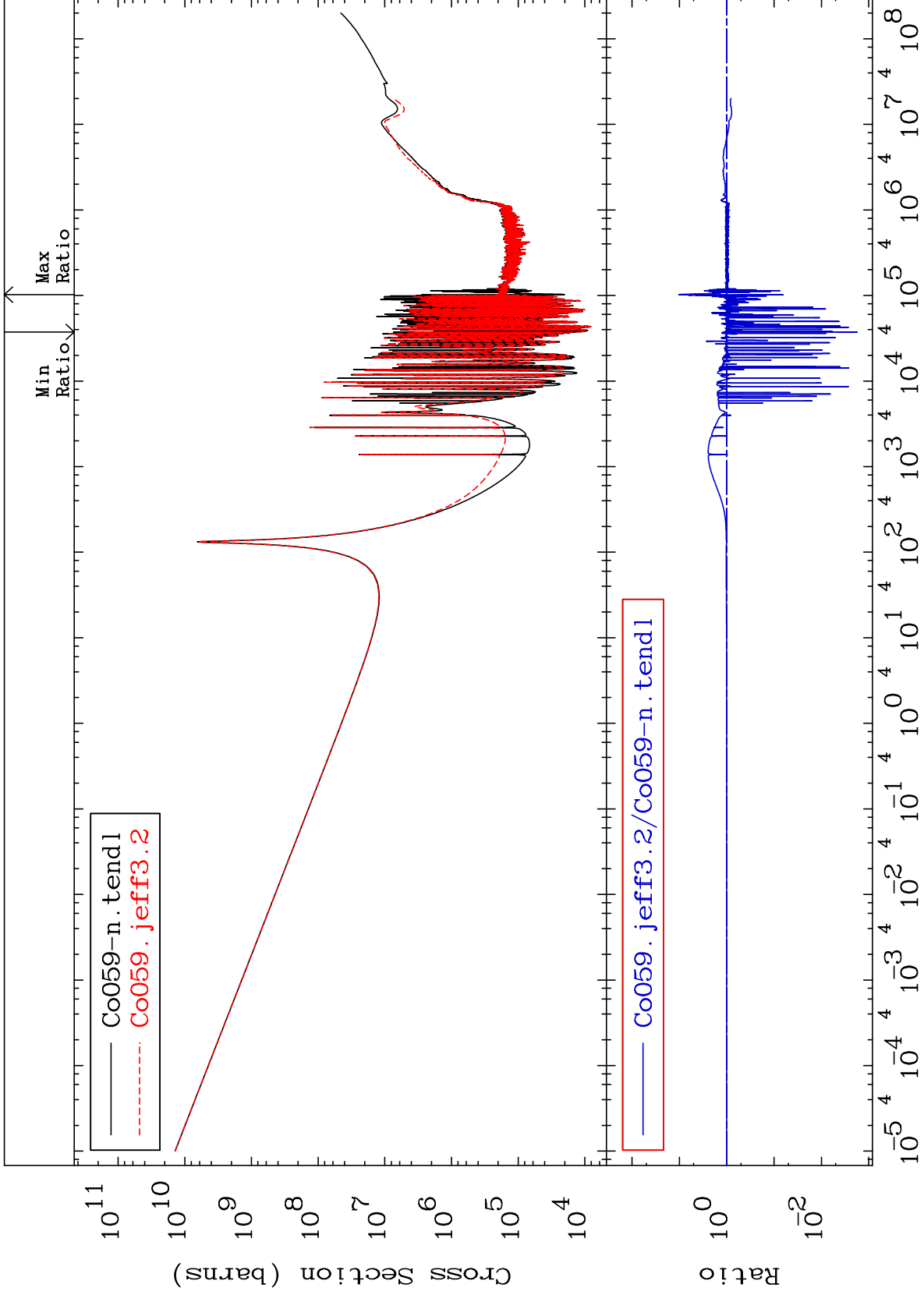


MAT 2725

He-4 Production  
Cross Section

<sup>27</sup>Co-59  
-94.60 To 92.10 %

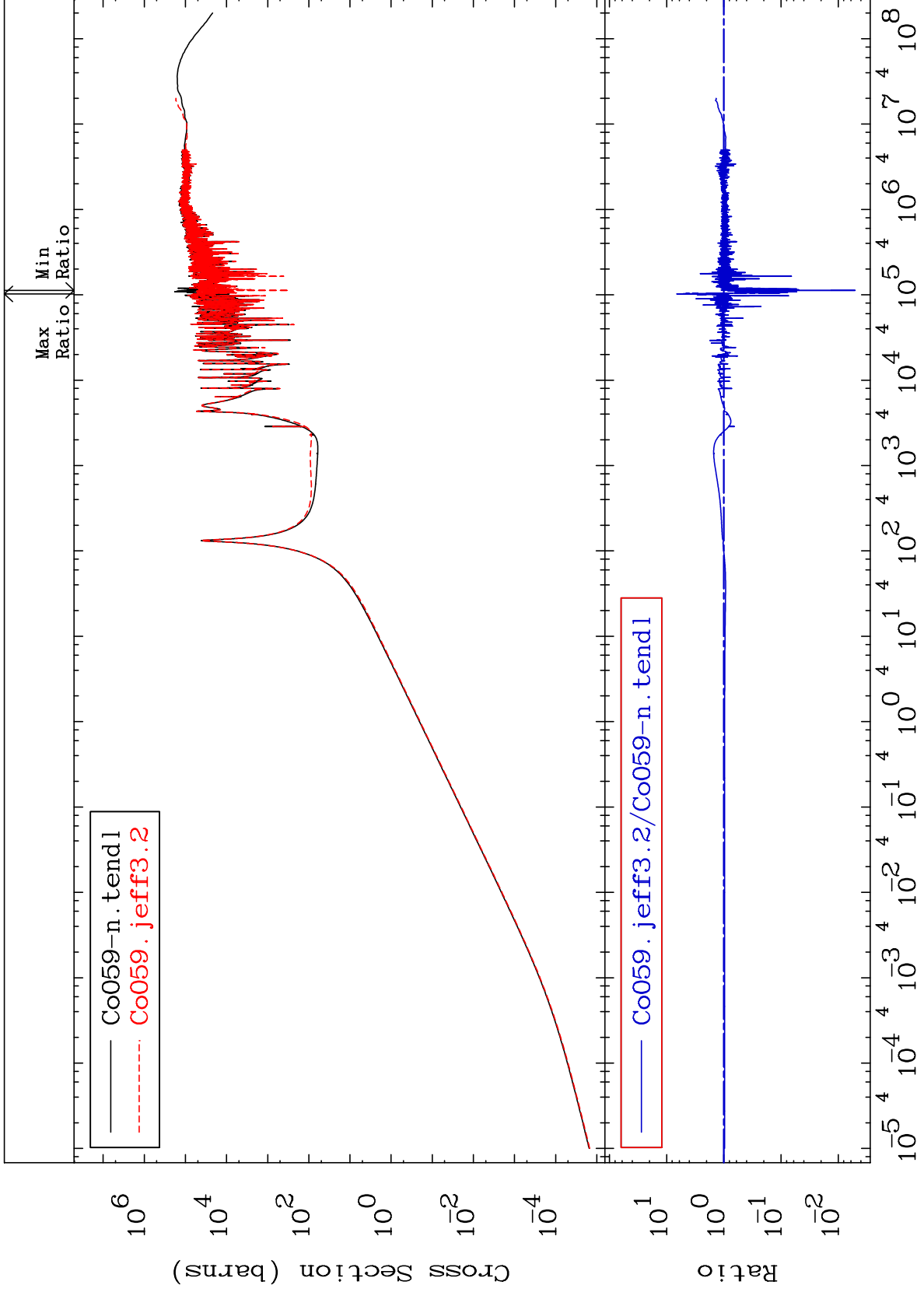


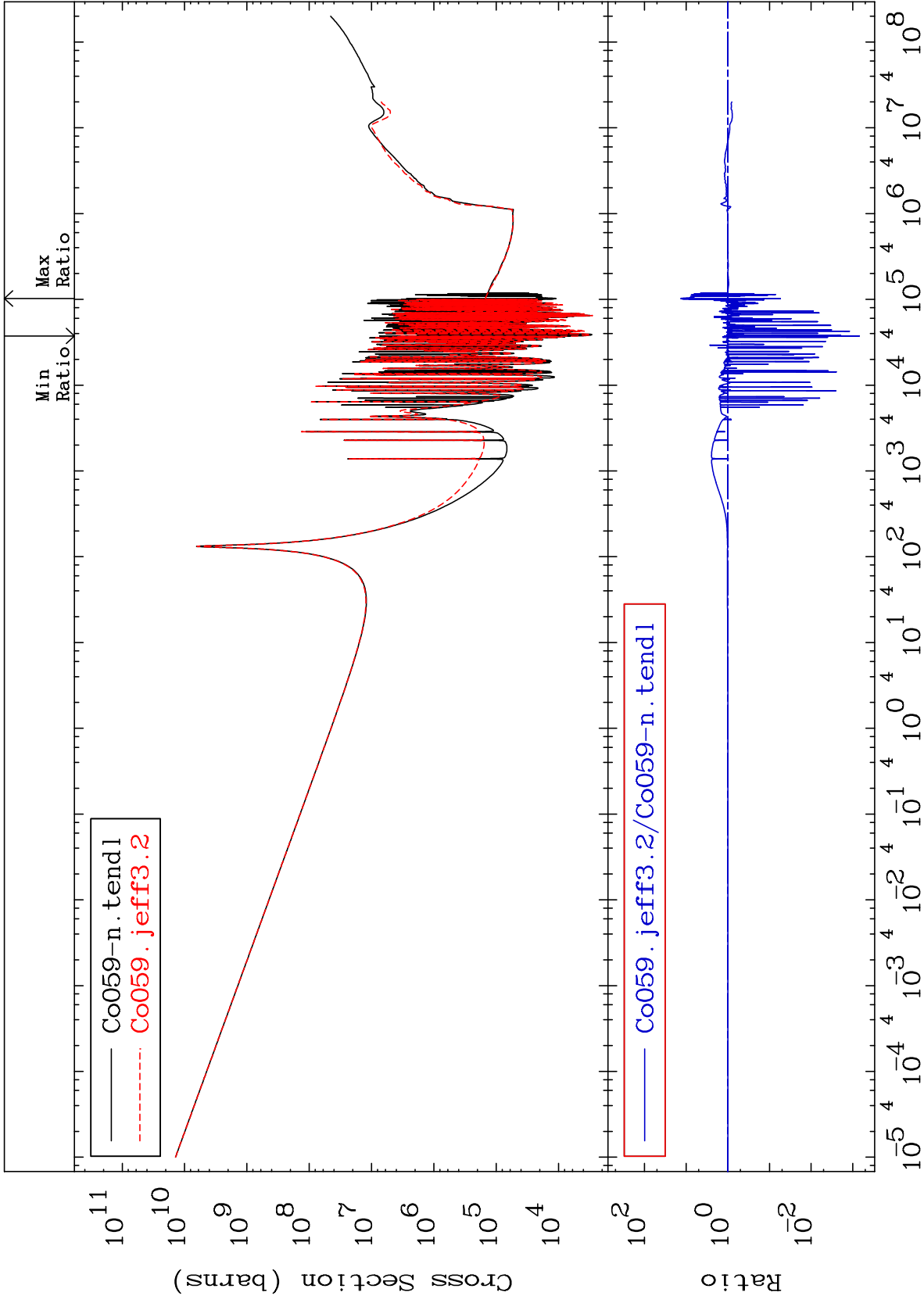


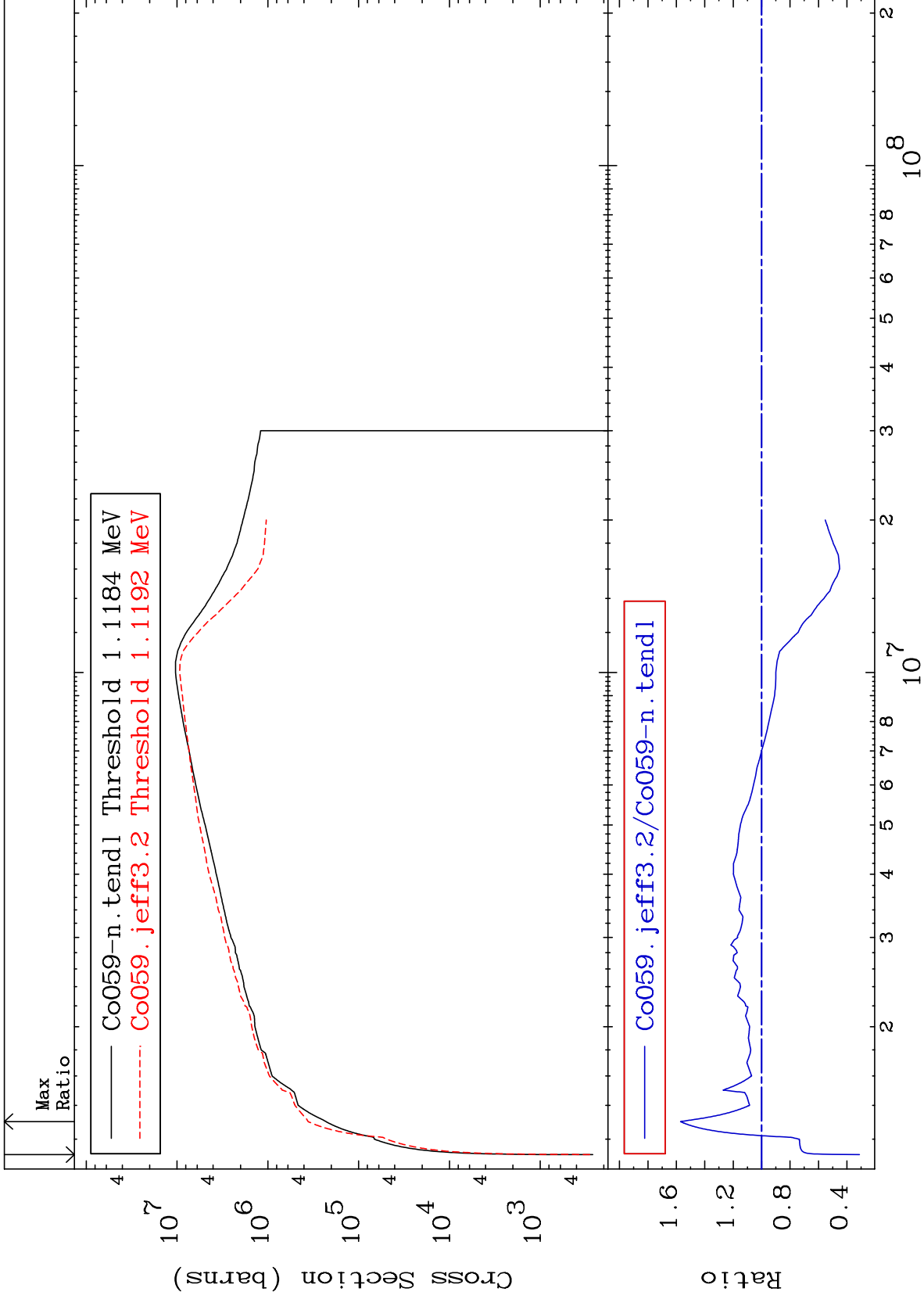
MAT 2725

Kerma elastic  
Cross Section

27-Co-59  
-99.49 To 560.5 %



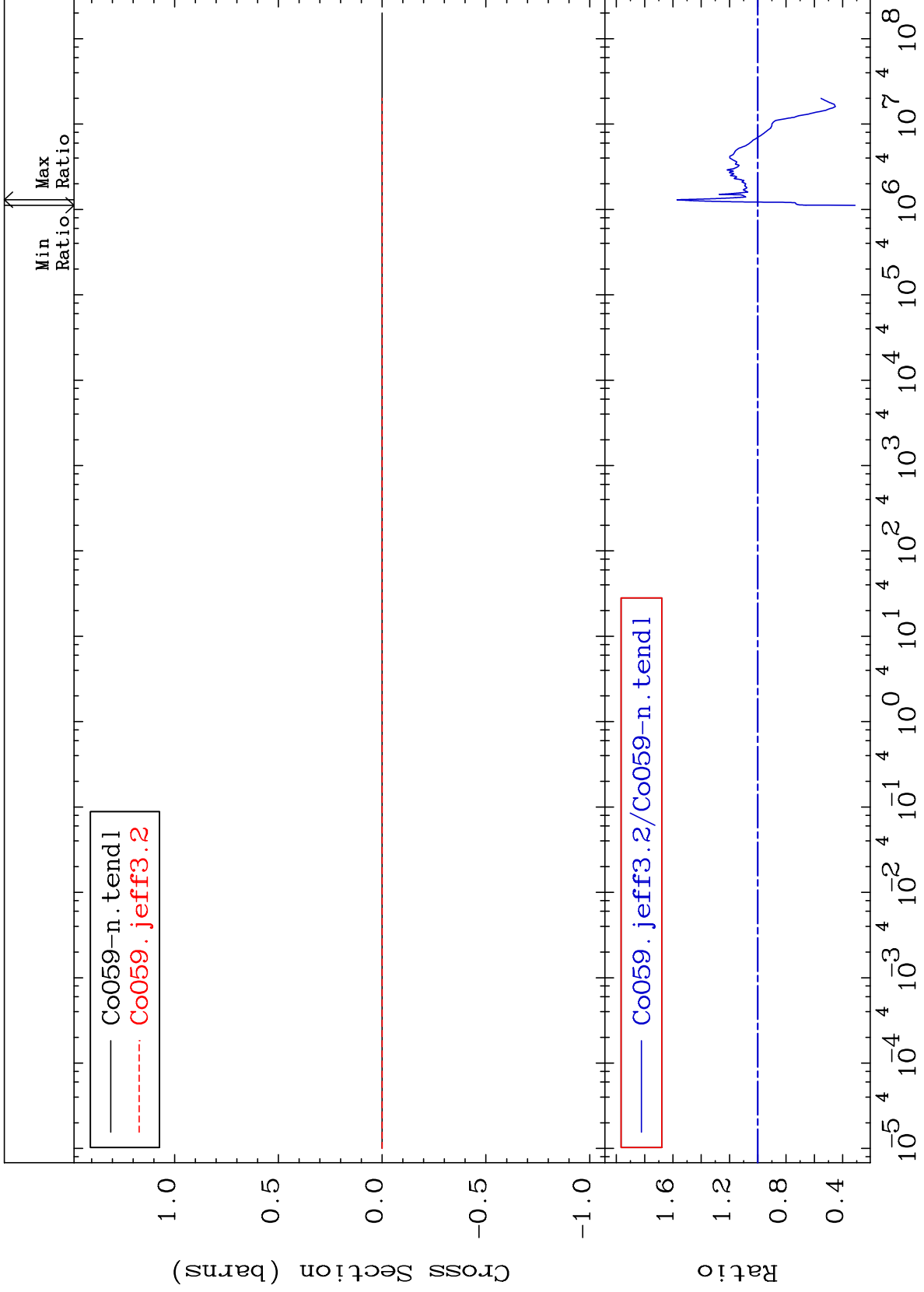




MAT 2725

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

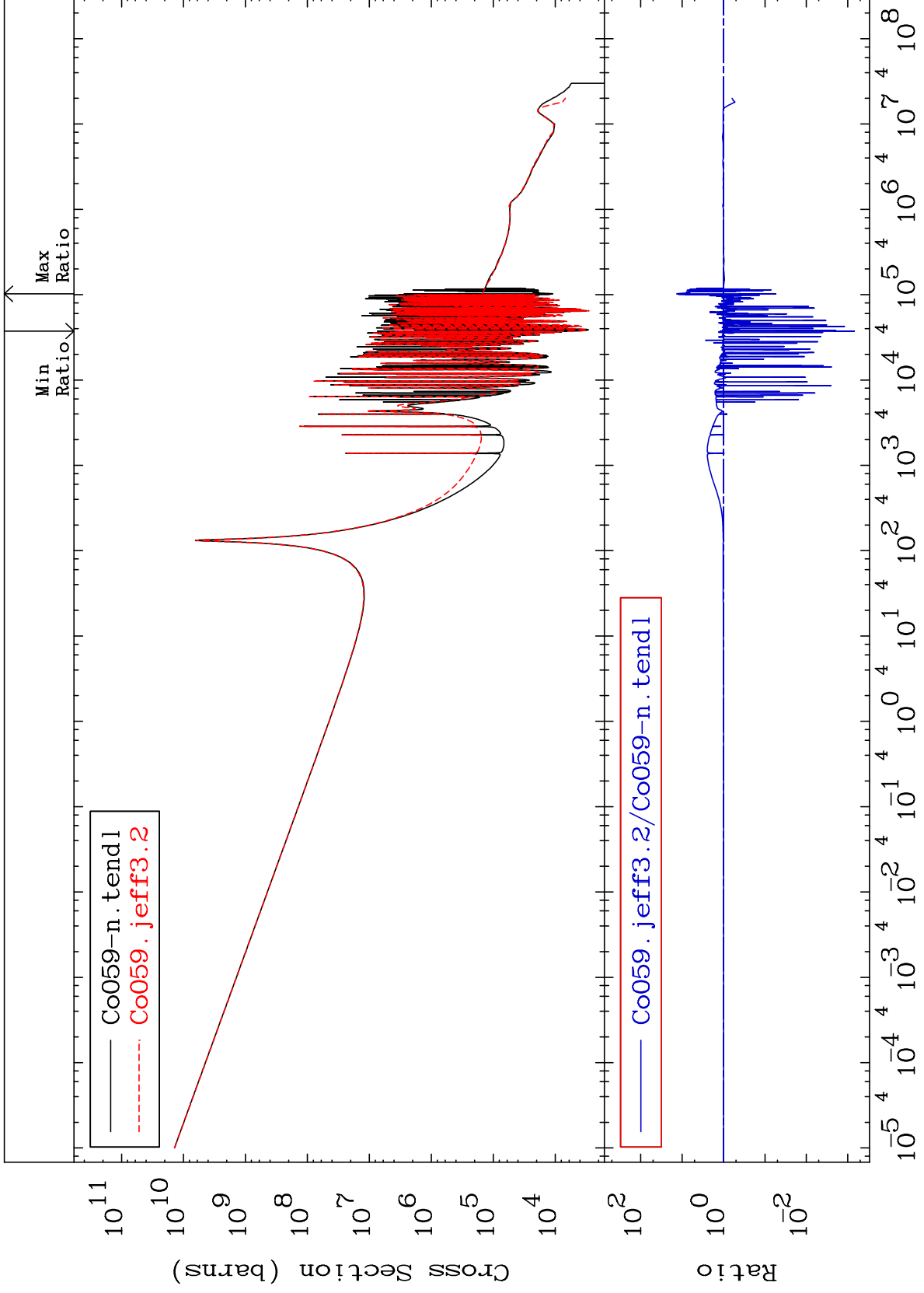
27-Co-59  
-68.81 To 57.17 %



MAT 2725

Kerma capture (mt102)  
Cross Section

27-Co-59  
-99.93 To 1279. %

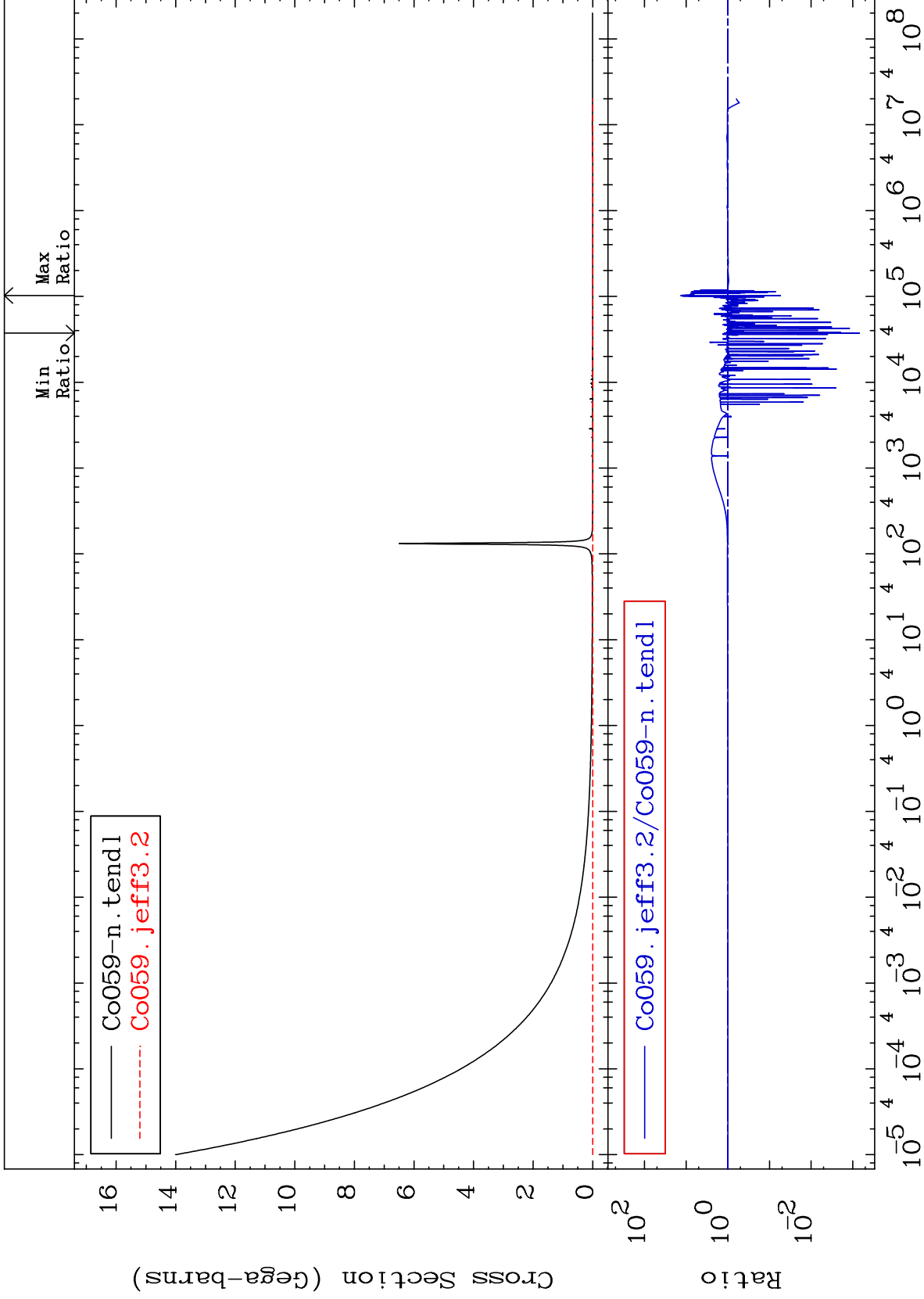


48

Incident Energy (eV)

27-Co-59



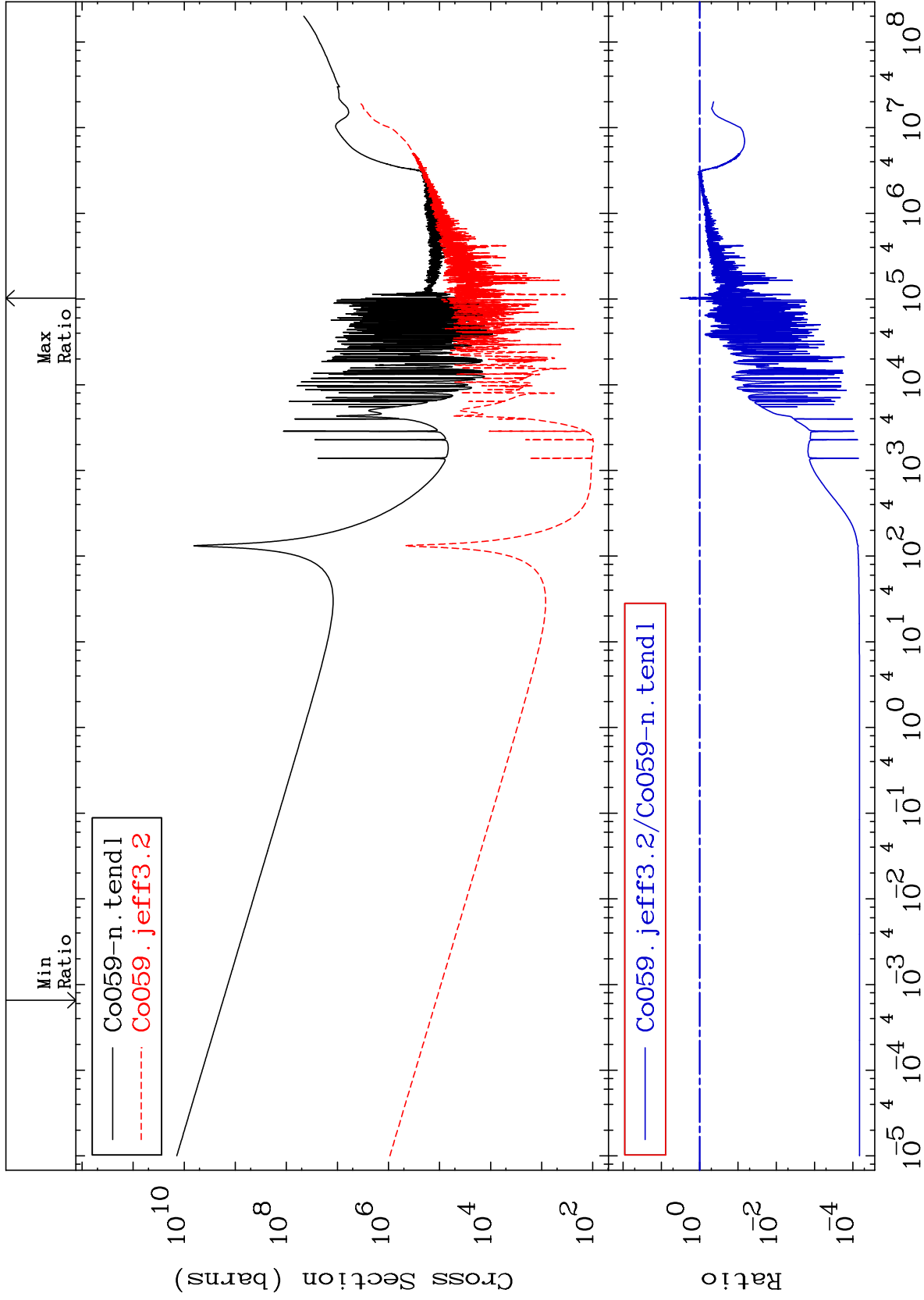


MAT 2725

Total kinematic kerma (high limit)  
Cross Section

27-Co-59

-99.99 To 212.5 %



50

27-Co-59

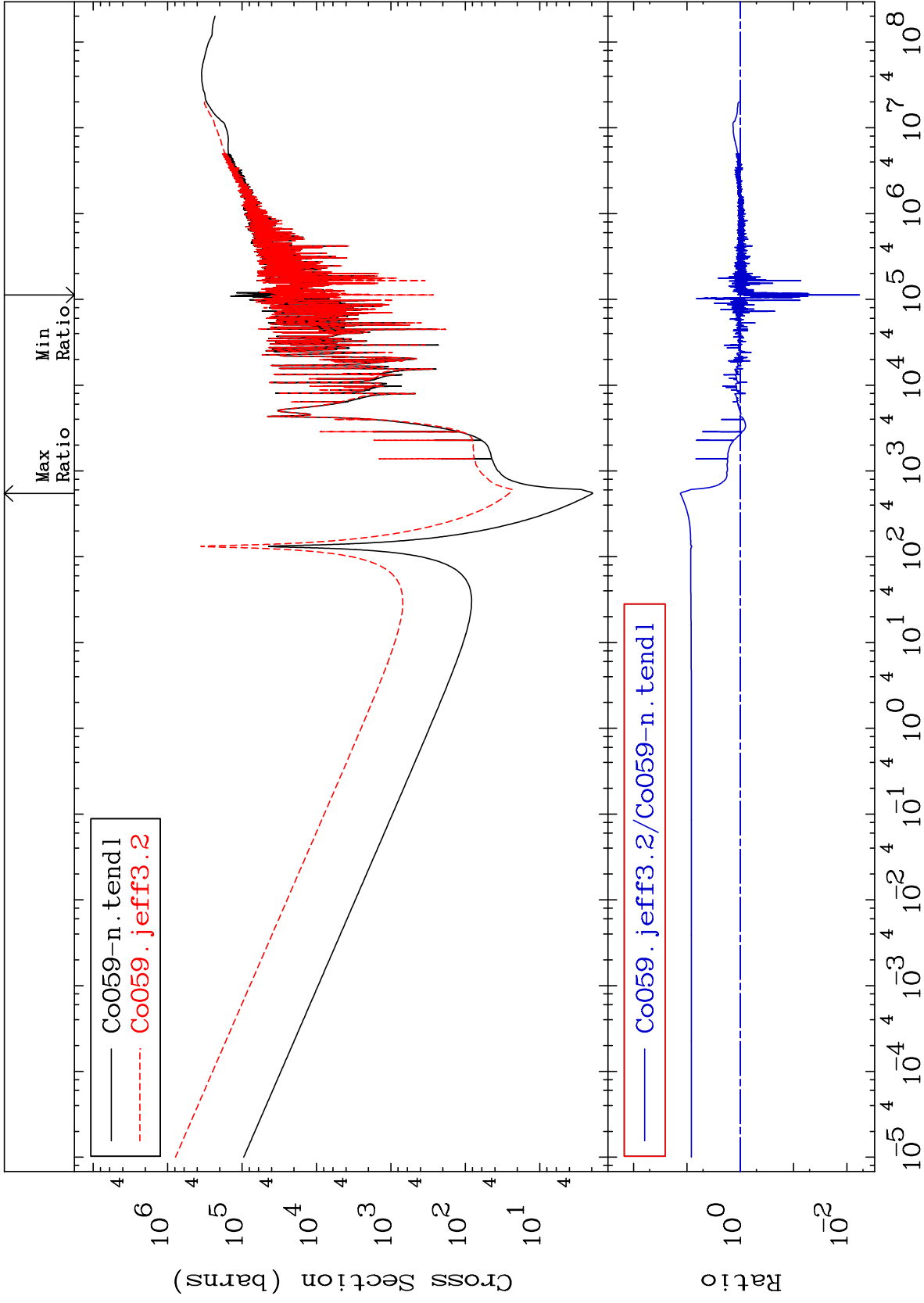
MAT 2725

Dpa total (eV-barns)

27-Co-59

Cross Section

-99.42 To 1226. %



51

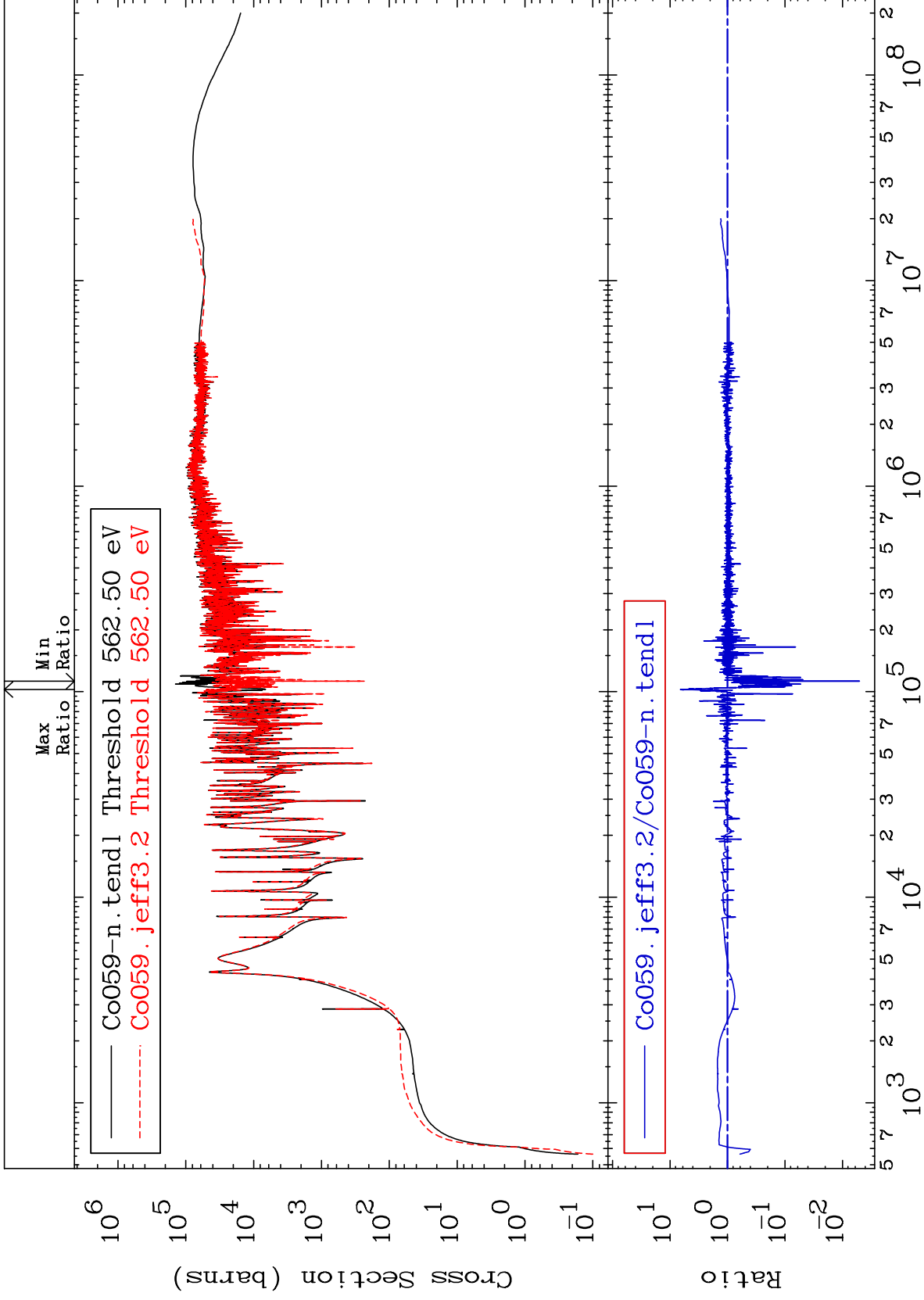
Incident Energy (eV)

27-Co-59

MAT 2725

Dpa elastic (mt2)  
Cross Section

27-Co-59  
-99.49 To 560.6 %



52

Incident Energy (eV)

27-Co-59

