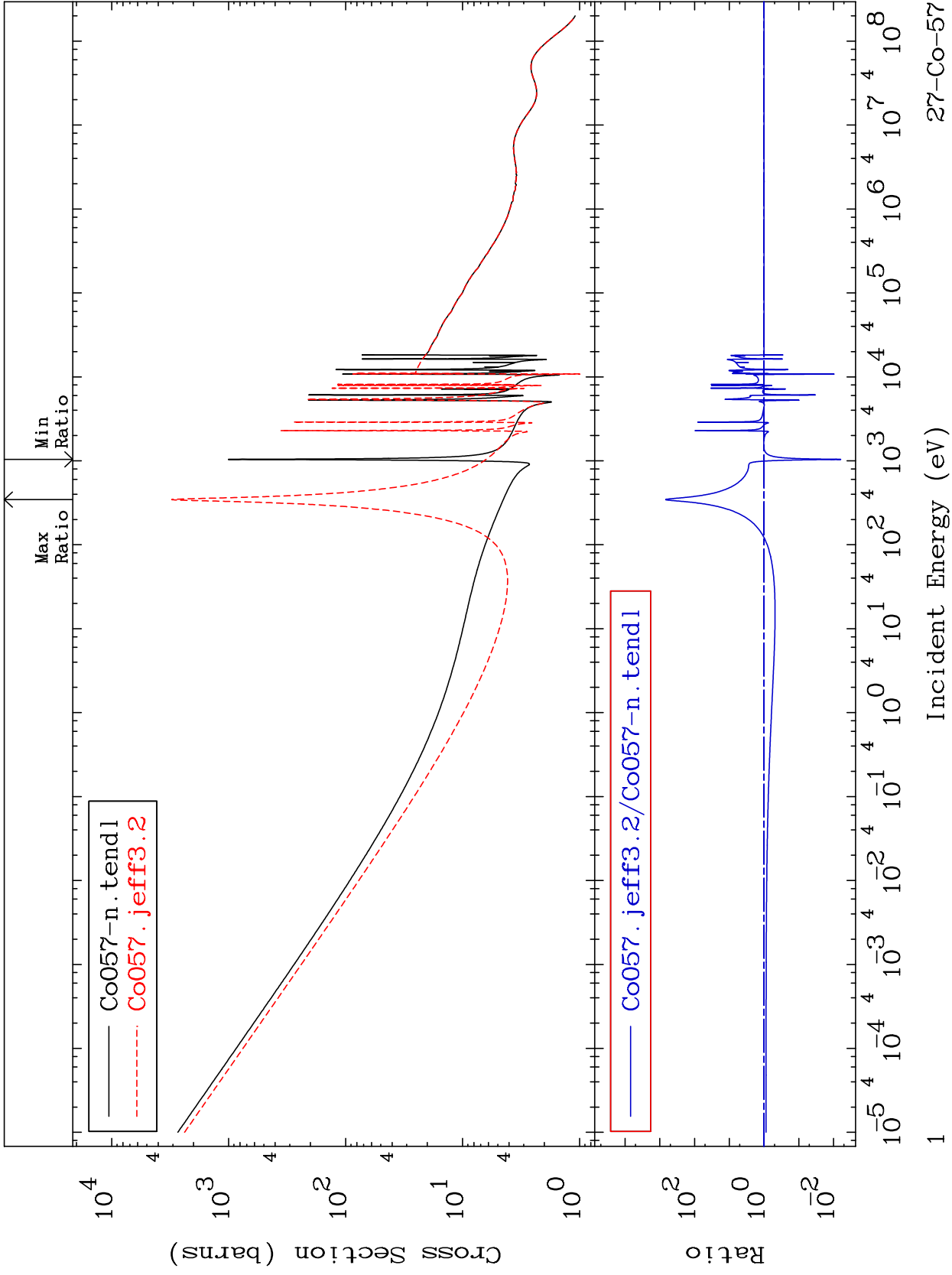


MAT 2719

Total  
Cross Section

27-Co-57  
-99.38 To 9999. %

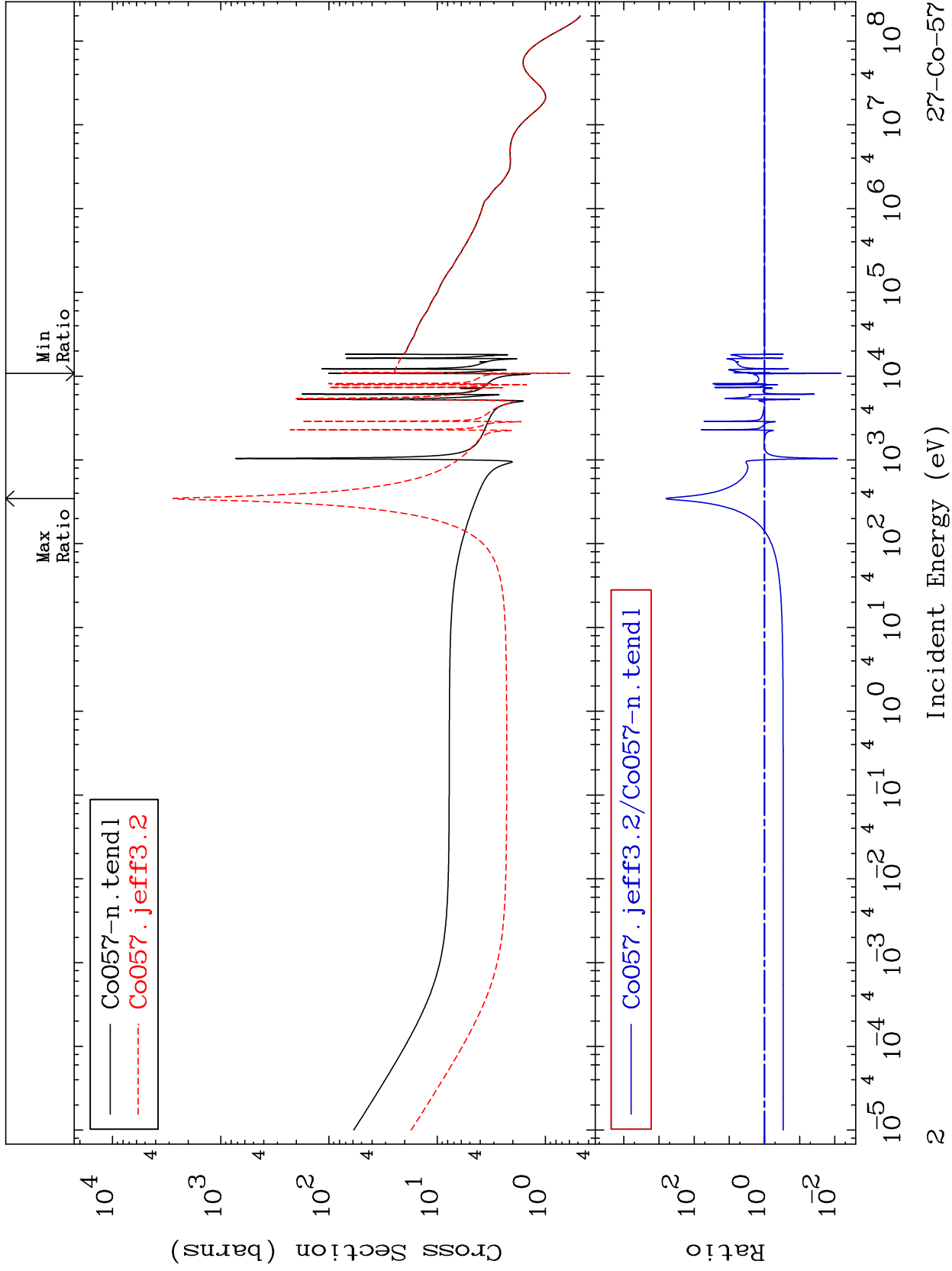


27-Co-57

MAT 2719

Elastic  
Cross Section

27-Co-57  
-99.33 To 9999. %



2

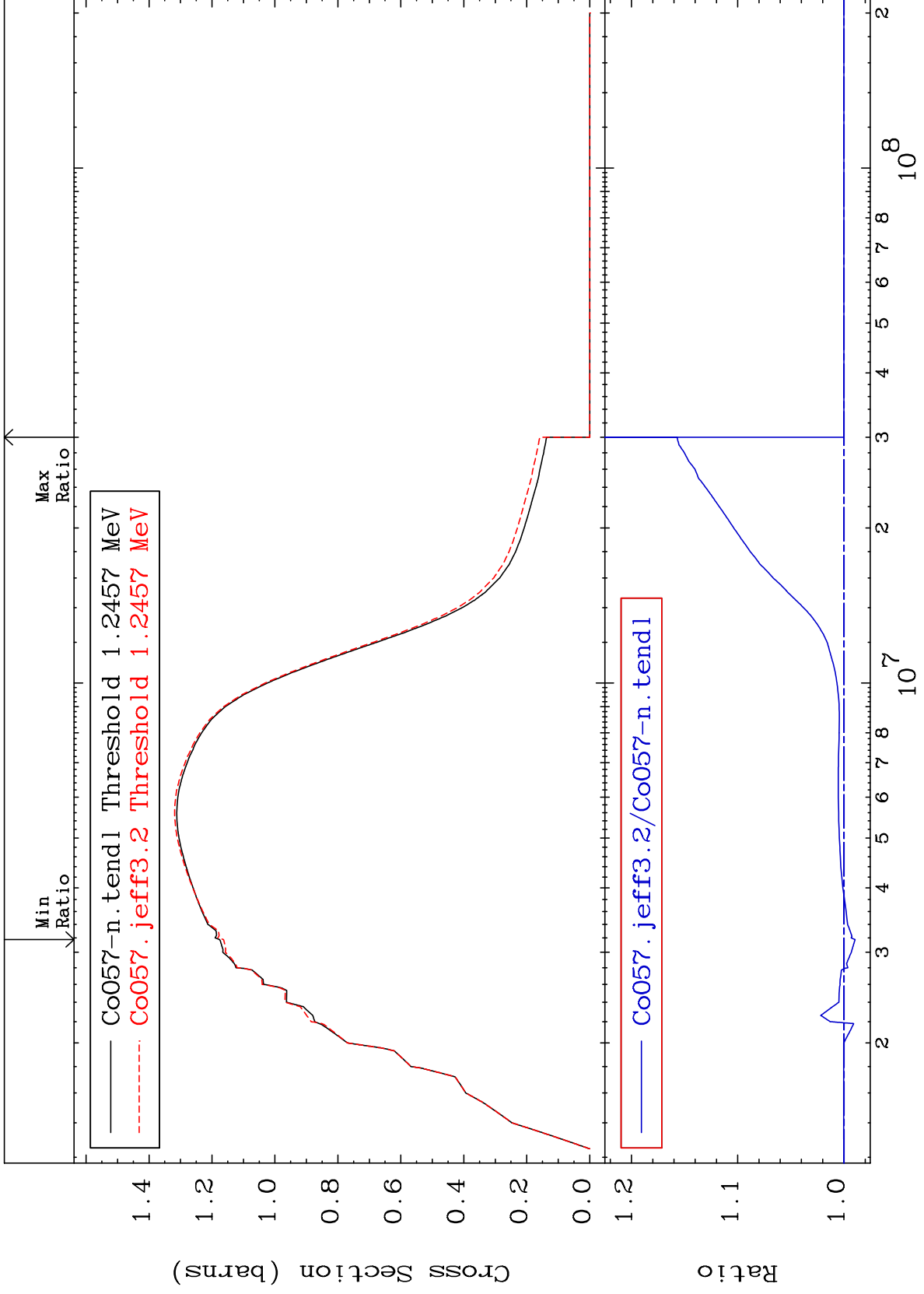
Incident Energy (eV)

27-Co-57

MAT 2719

Inelastic  
Cross Section

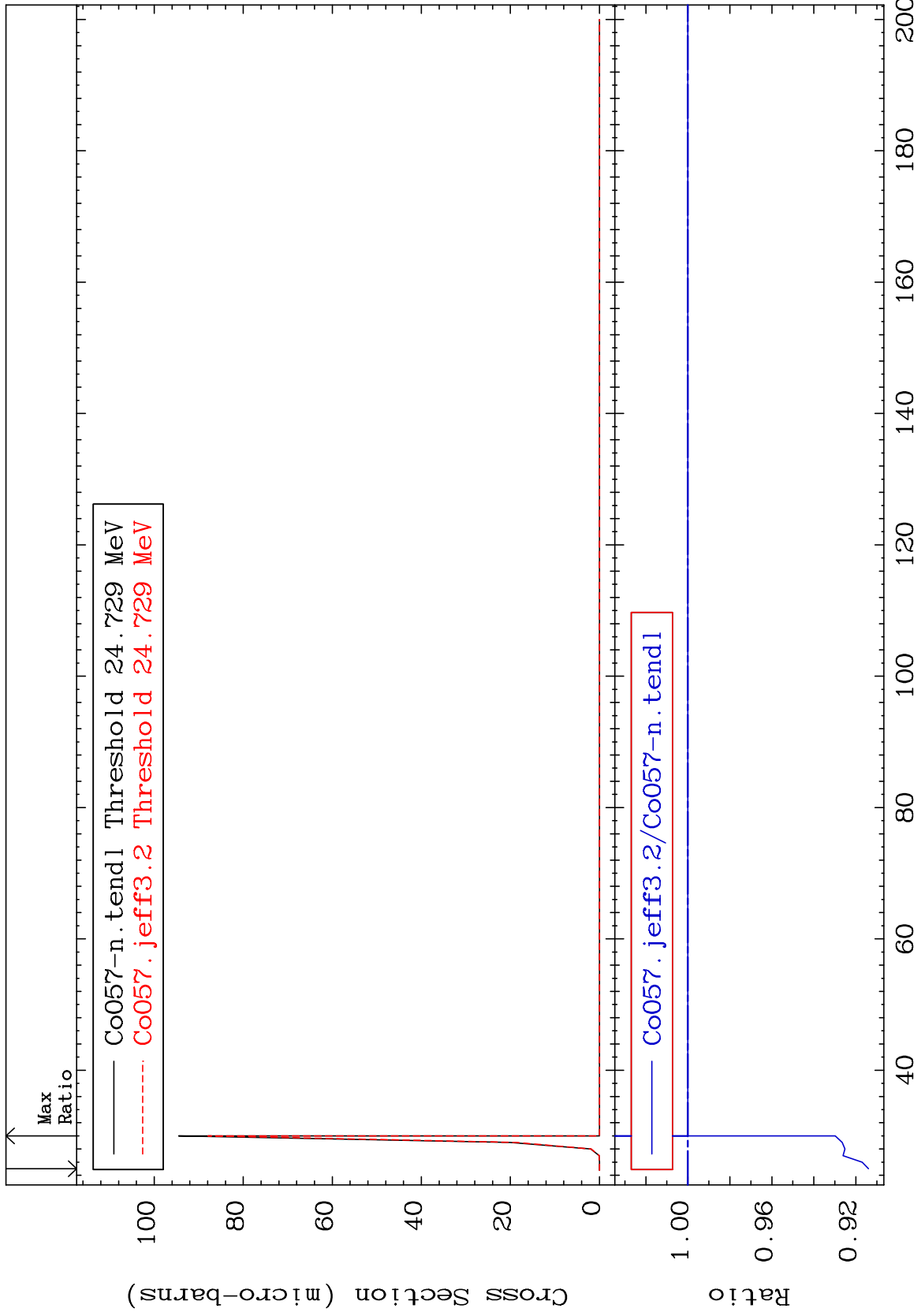
27-Co-57  
-1.051 To 15.72 %



MAT 2719

(n,2n) d  
Cross Section

27-Co-57  
-8.601 To 0.000 %



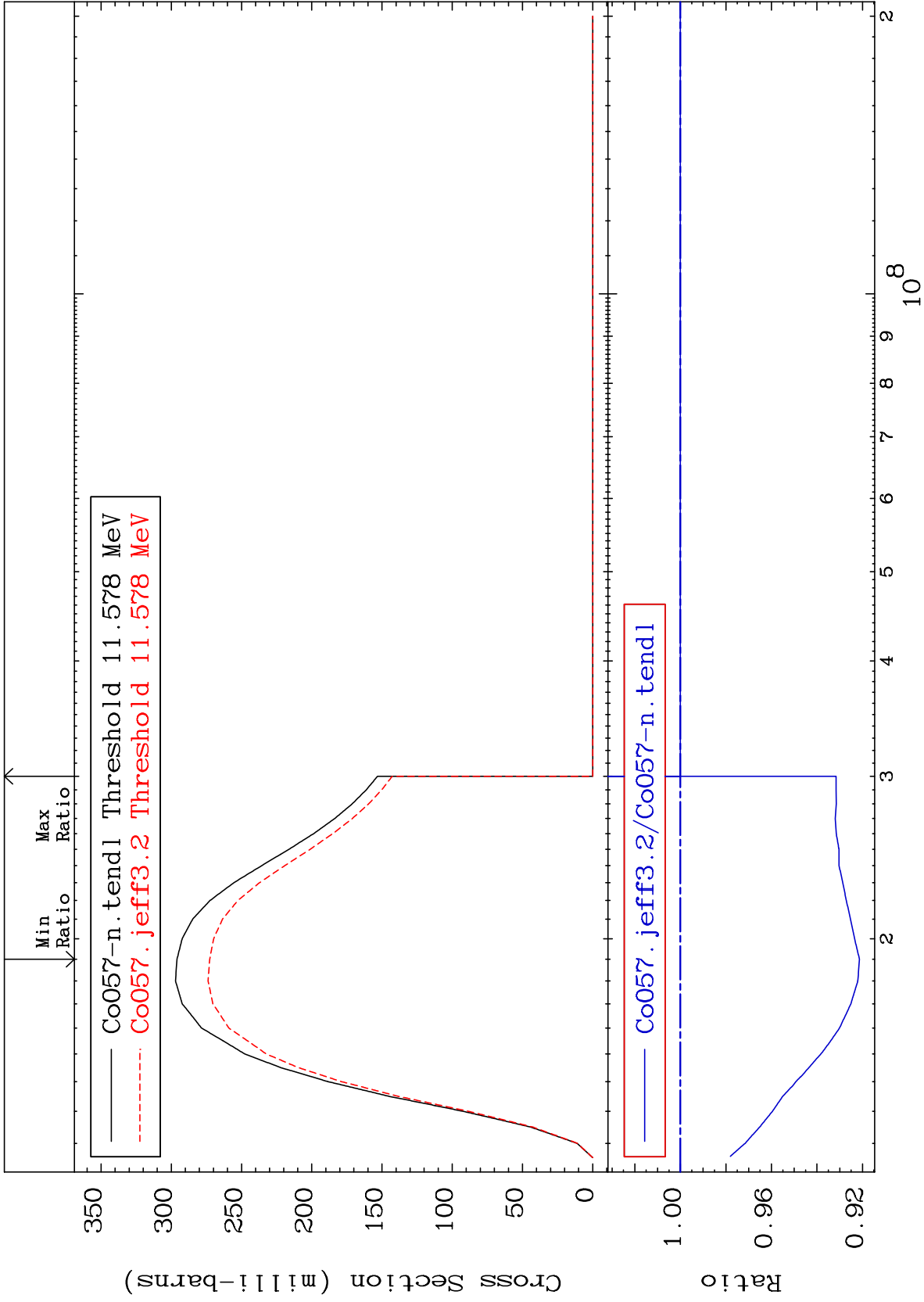
MAT 2719

(n,2n)

27-Co-57

Cross Section

-7.865 To 0.000 %



5

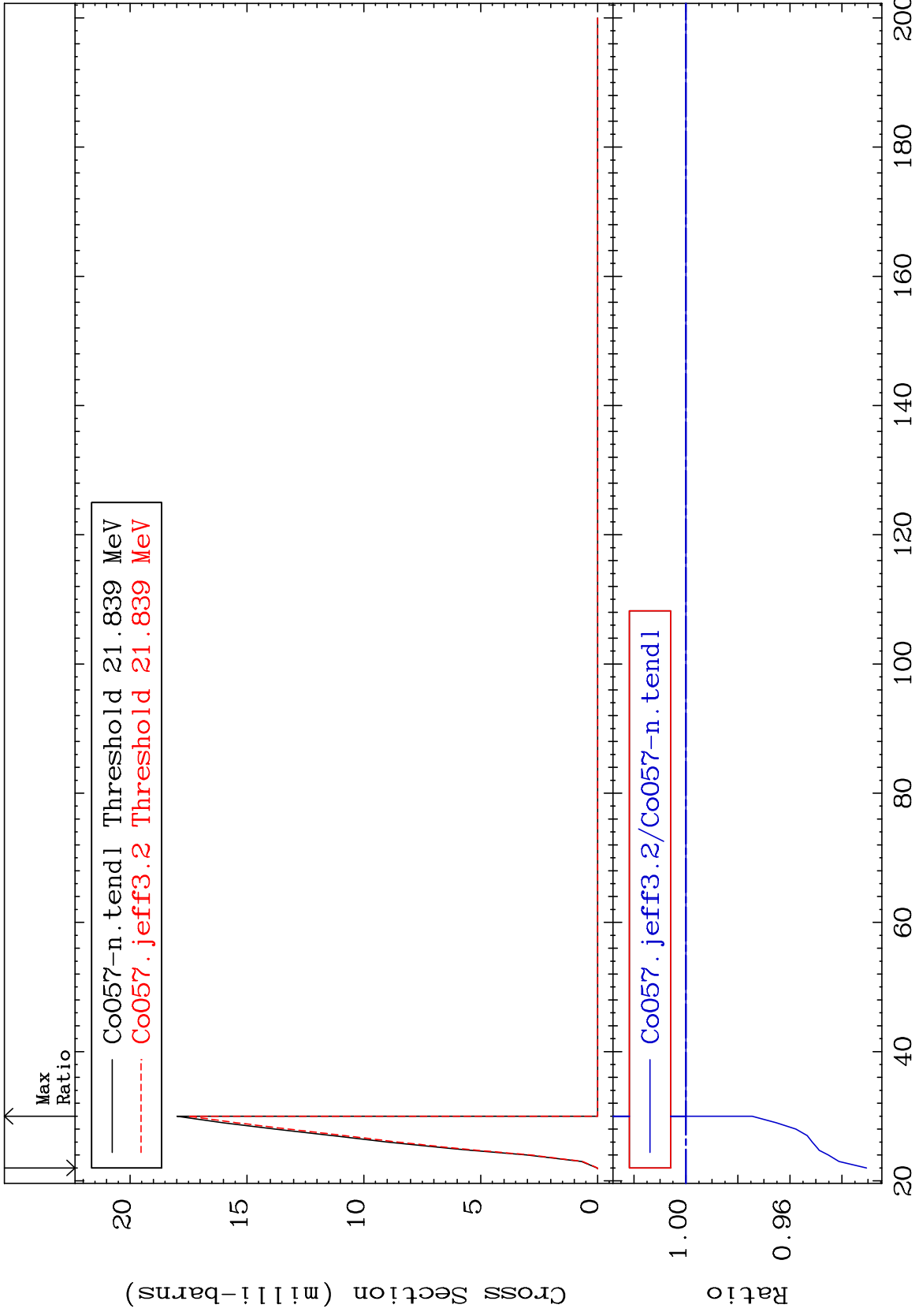
Incident Energy (eV)

27-Co-57

MAT 2719

(n,3n)  
Cross Section

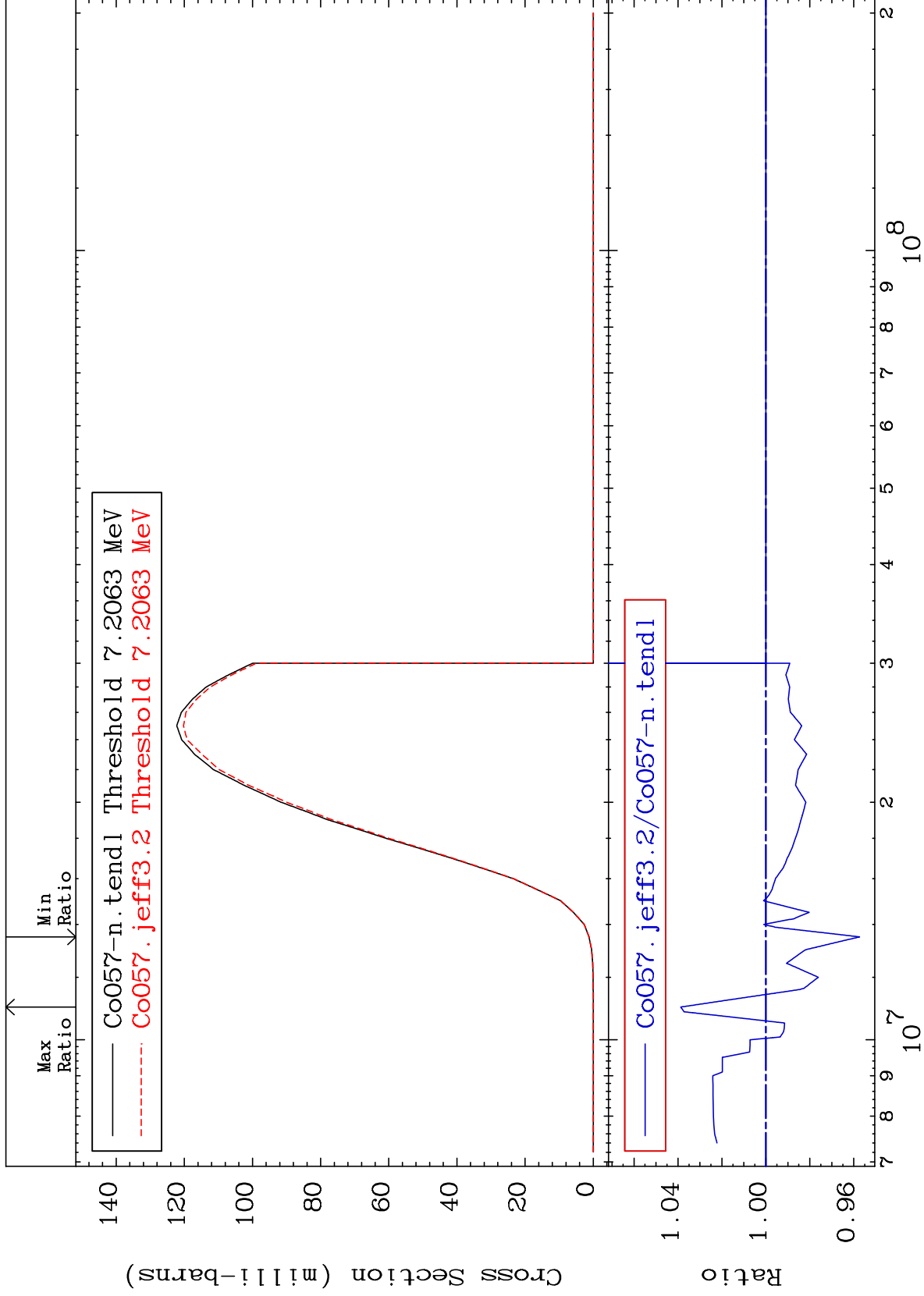
<sup>27</sup>Co-57  
-6.947 To 0.000 %



MAT 2719

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

27-Co-57  
-4.261 To 3.872 %



7

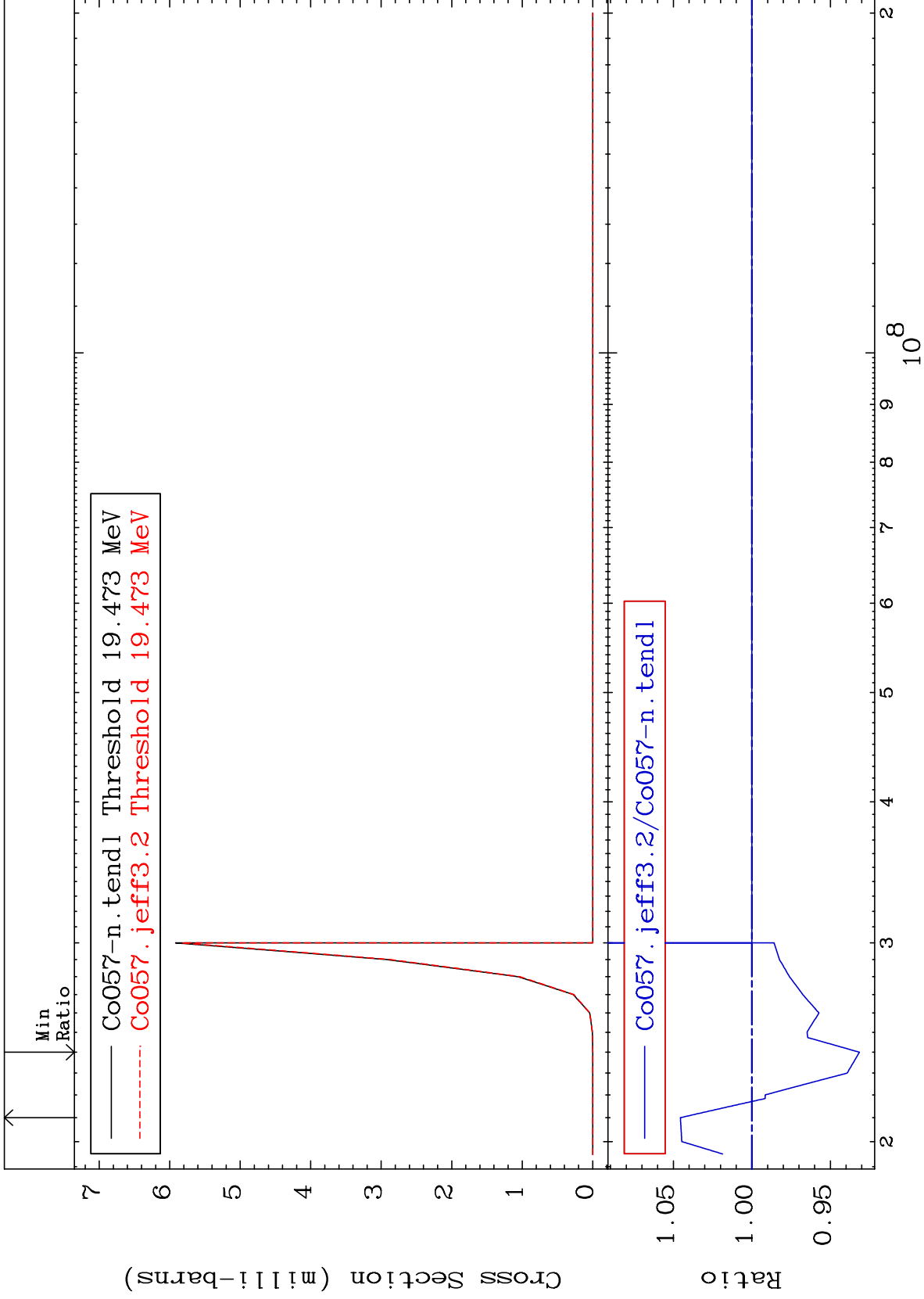
Incident Energy (eV)

27-Co-57

MAT 2719

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

<sup>27</sup>Co-57  
-6.848 To 4.553 %

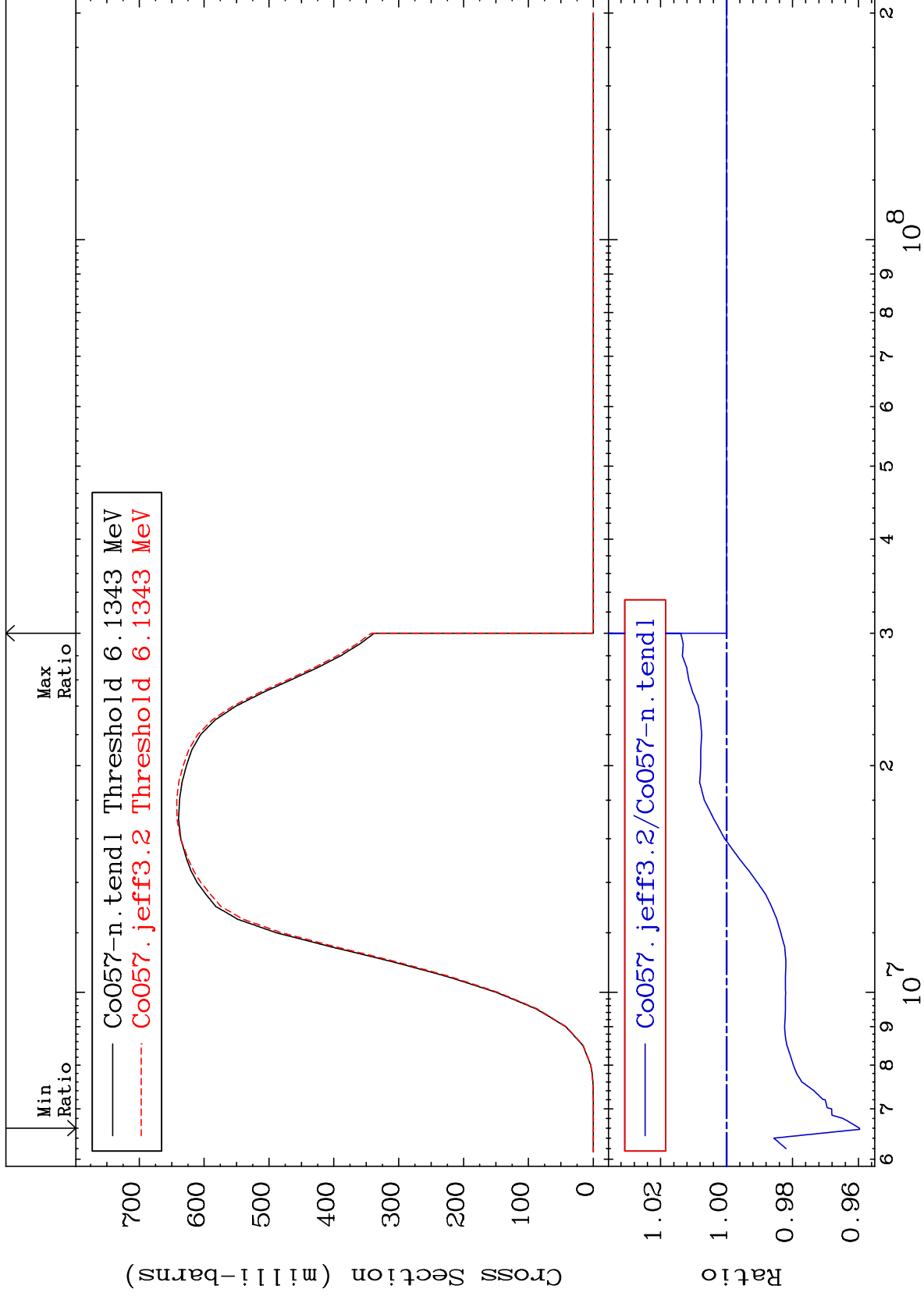




MAT 2719

(n,n') p  
Cross Section

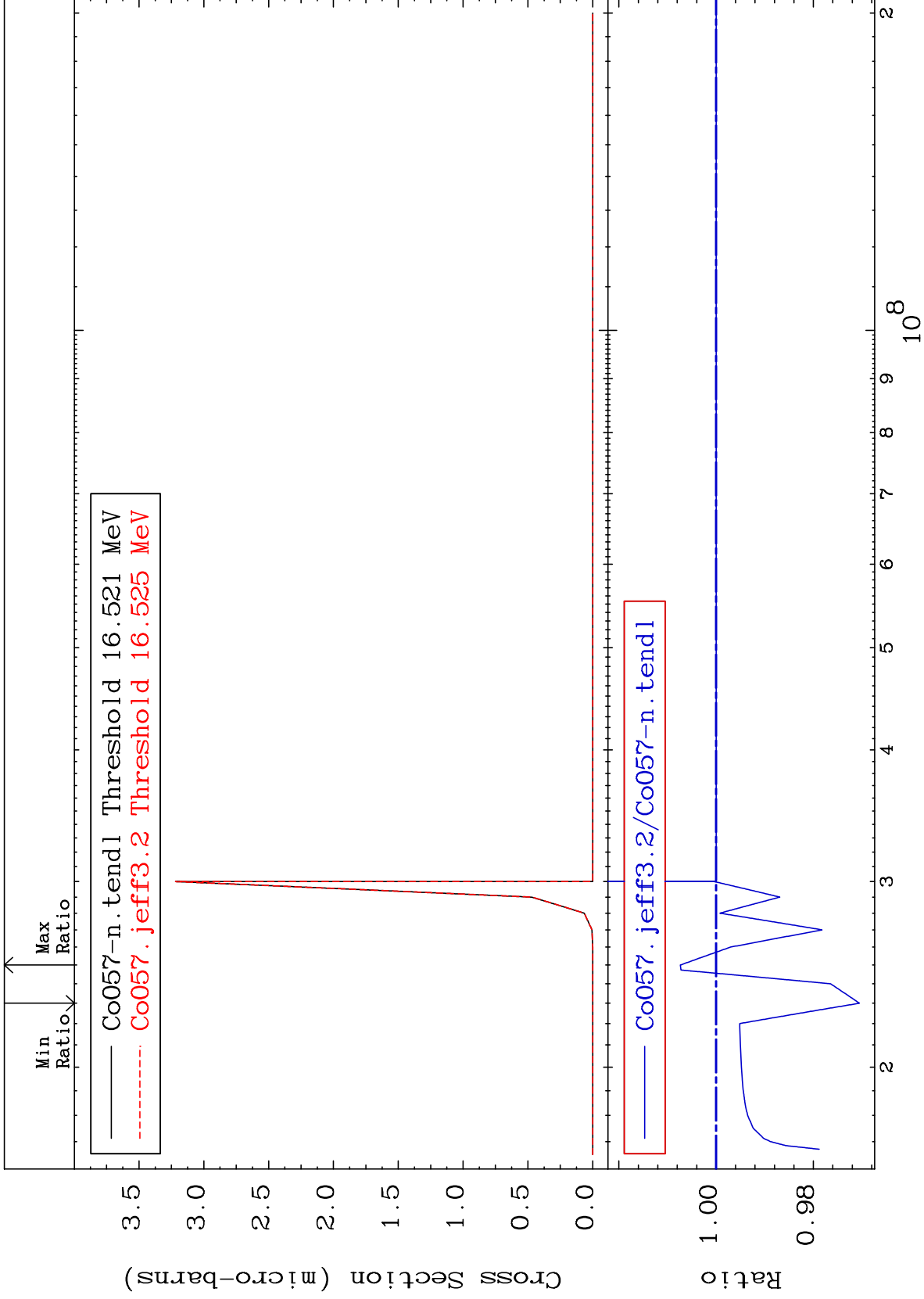
27-Co-57  
-4.031 To 1.388 %

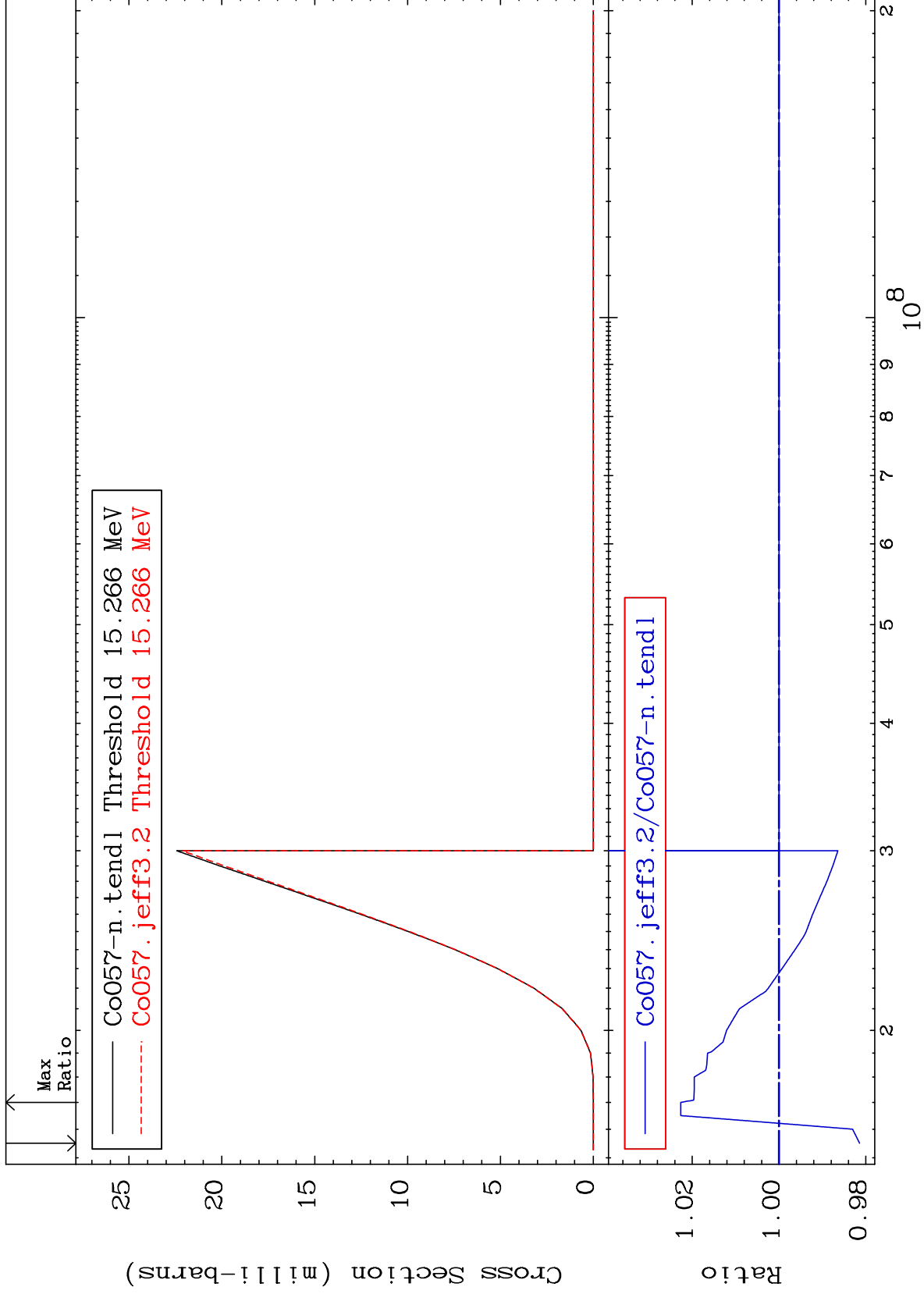


9

Incident Energy (eV)

27-Co-57





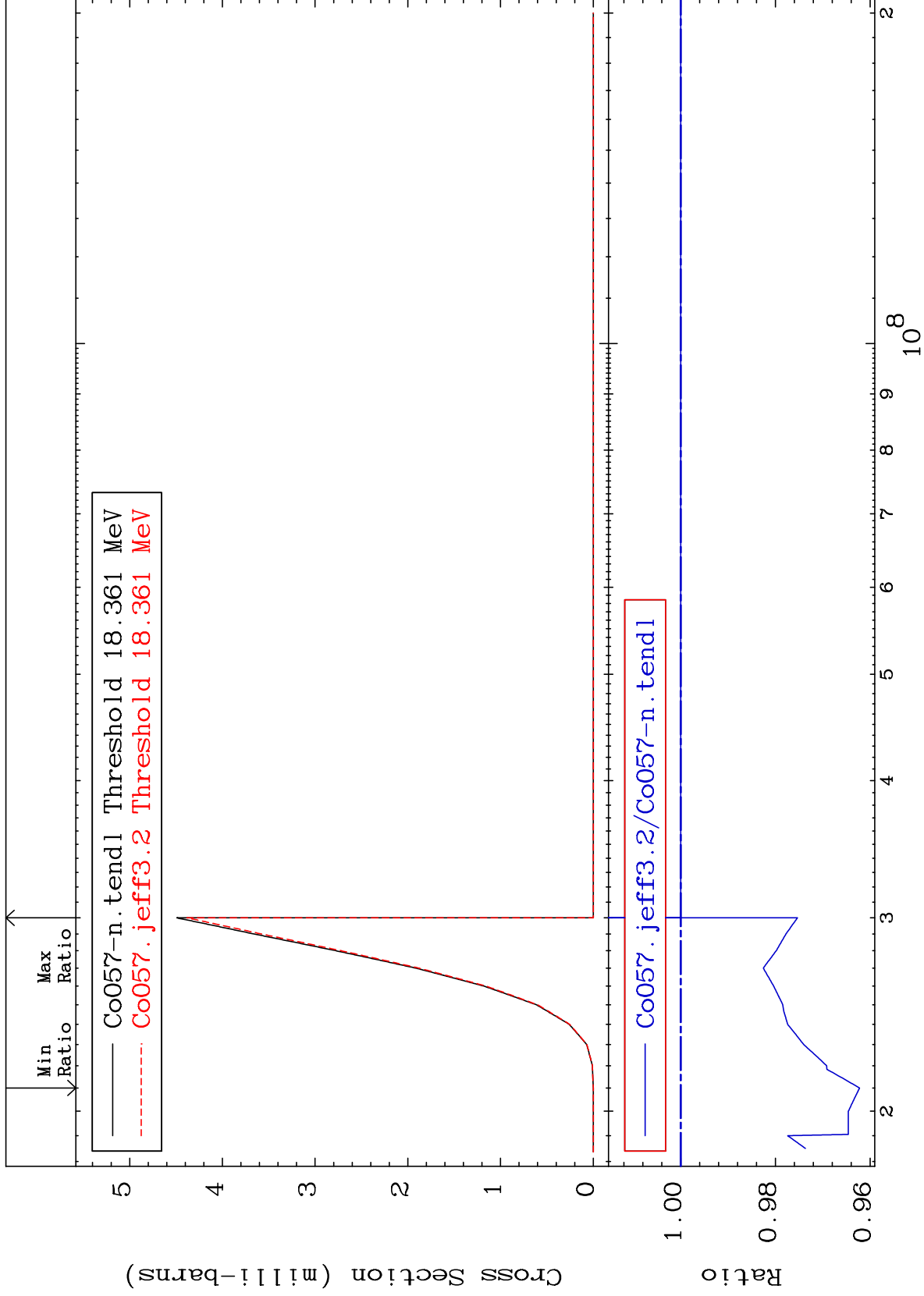
MAT 2719

(n,n') t

27-Co-57

Cross Section

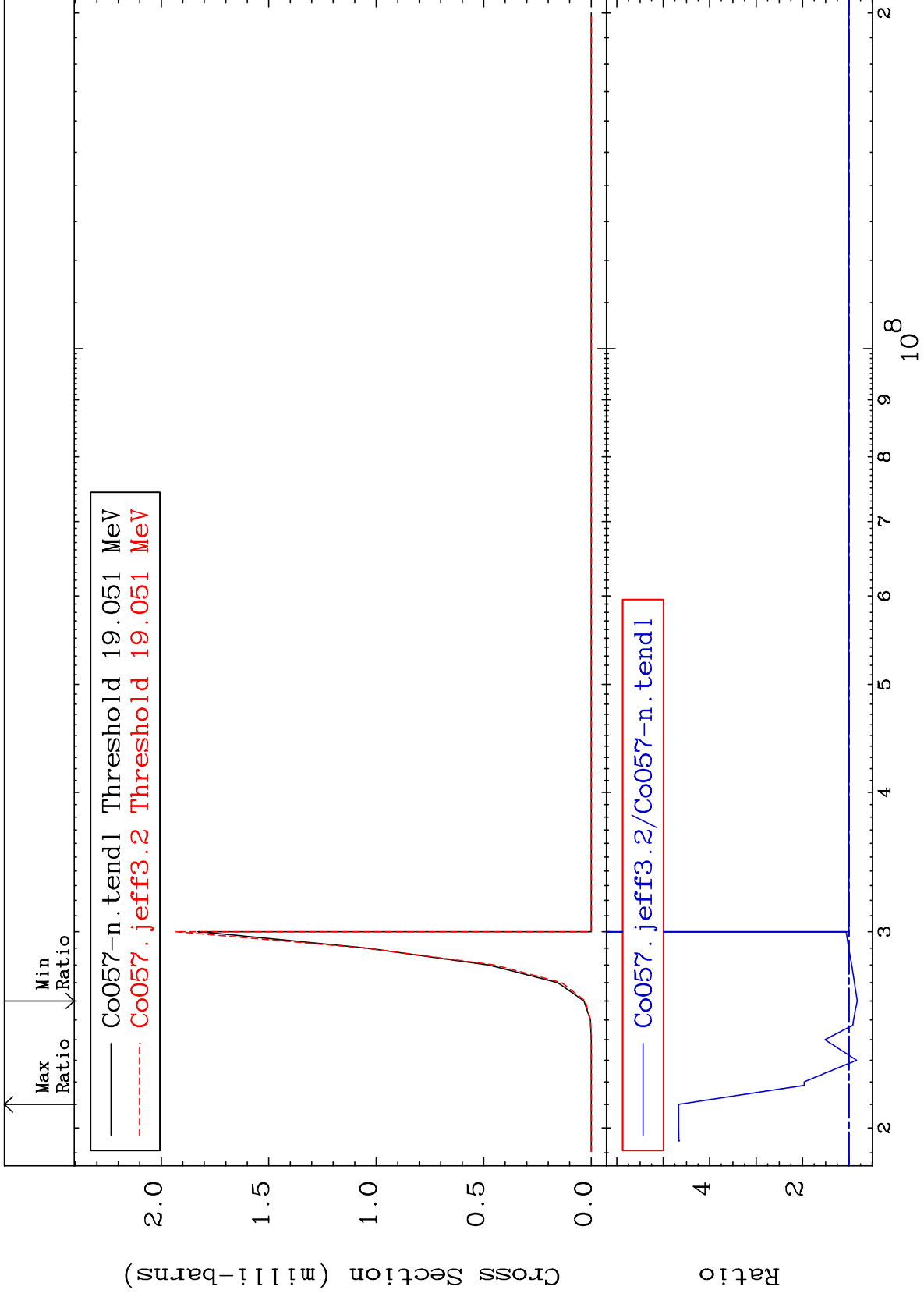
-3.776 To 0.000 %



12

Incident Energy (eV)

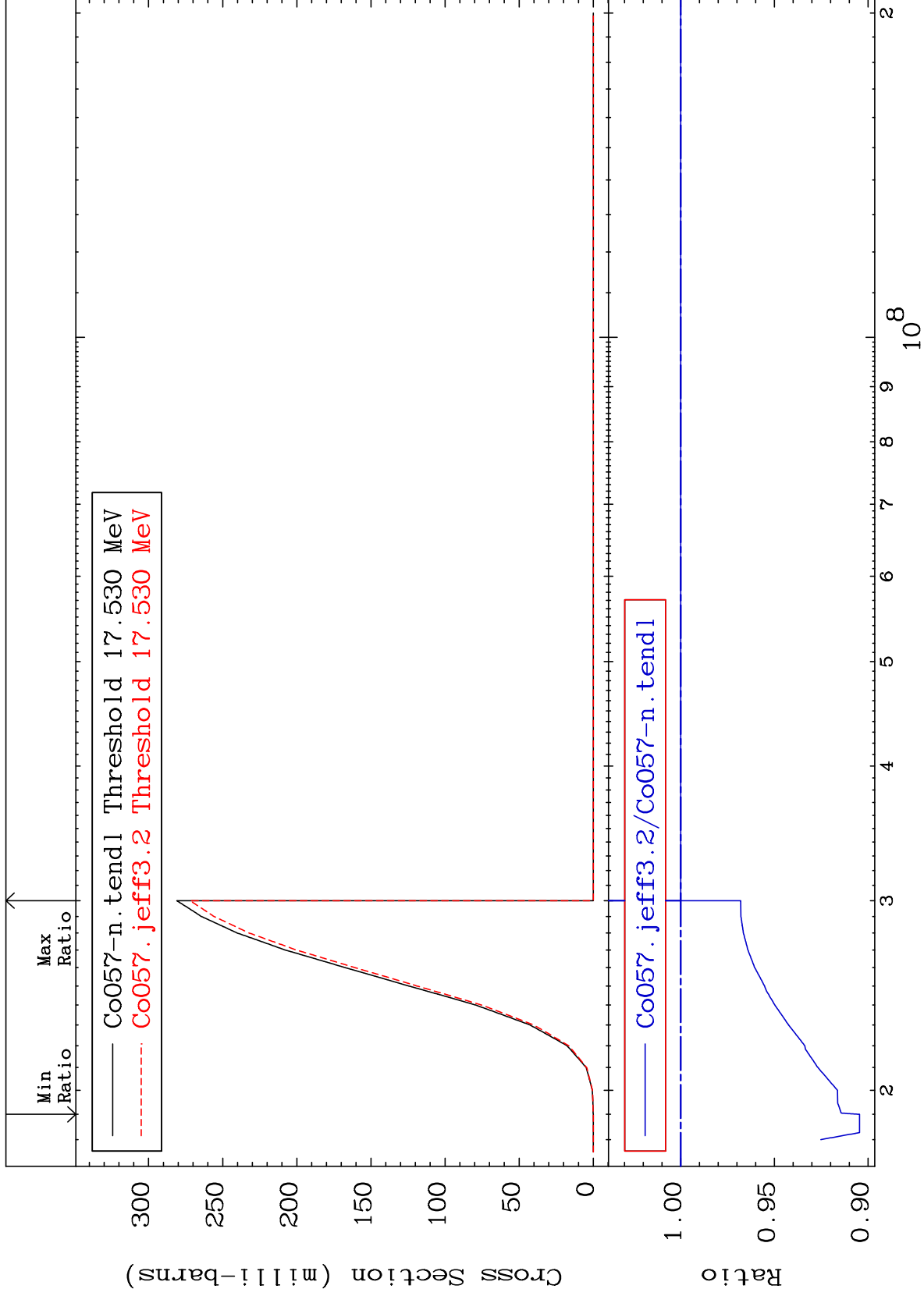
27-Co-57



MAT 2719

(n,2n) p  
Cross Section

27-Co-57  
-9.550 To 0.000 %



14

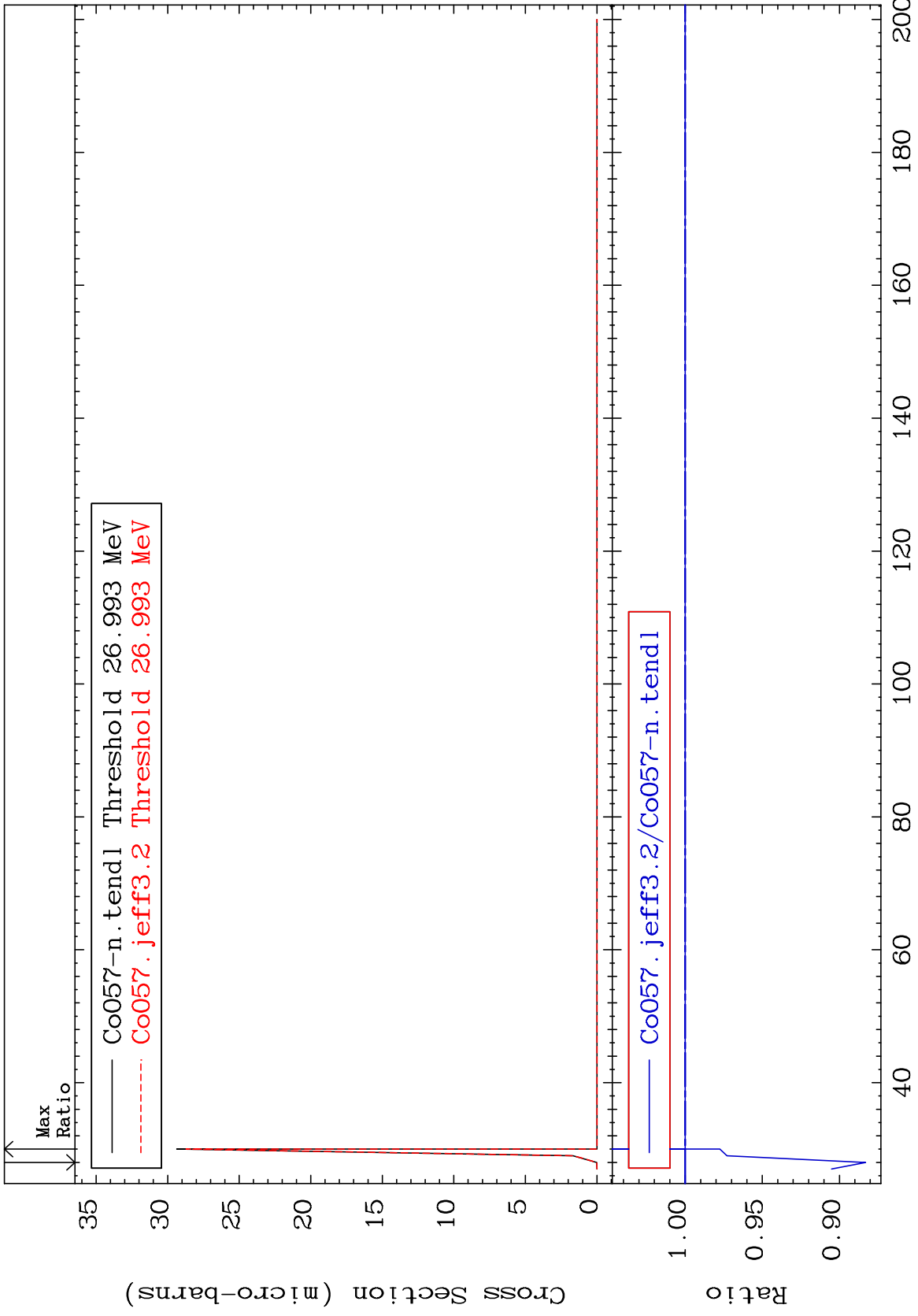
Incident Energy (eV)

27-Co-57

MAT 2719

(n,3n) p  
Cross Section

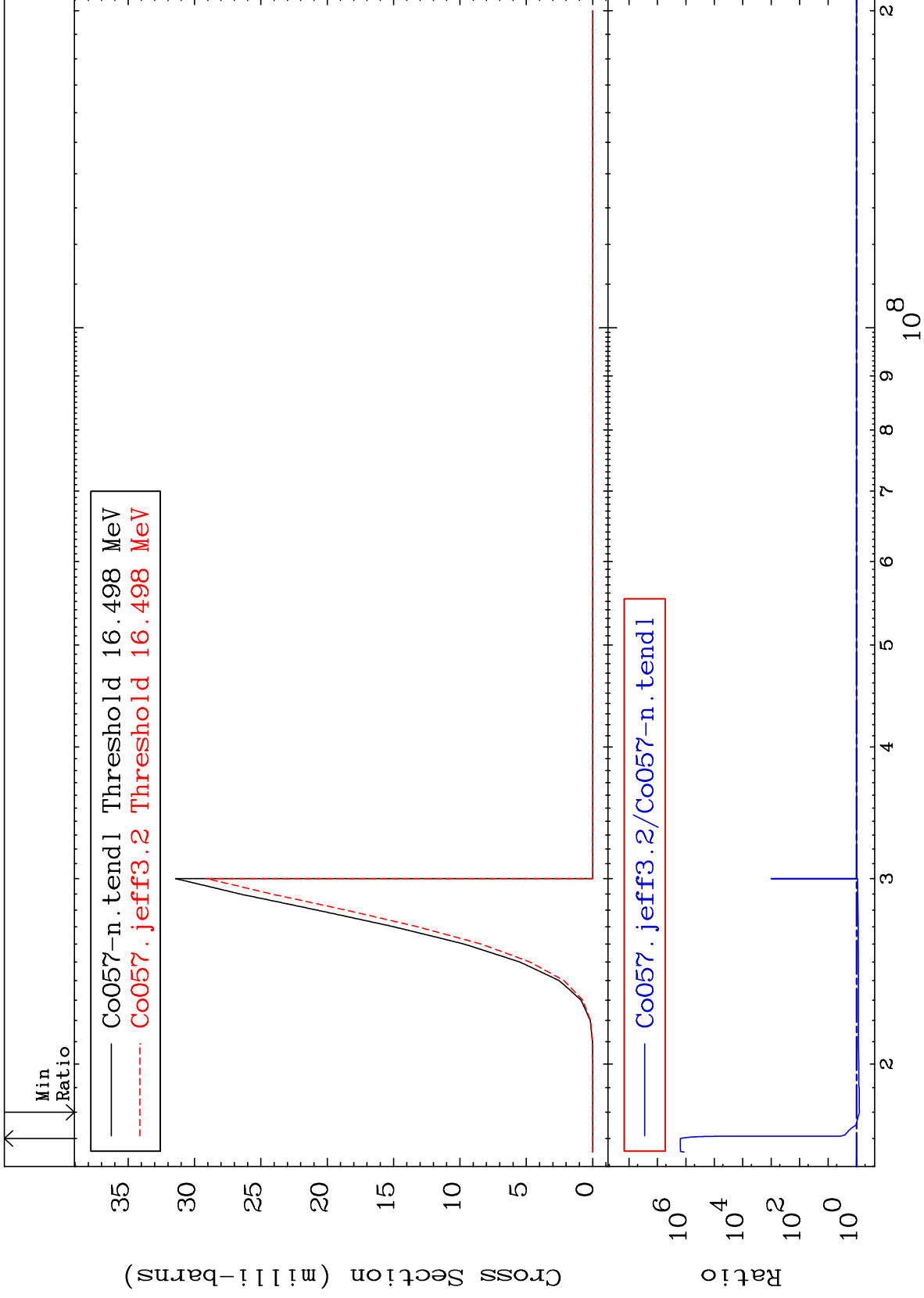
<sup>27</sup>Co-57  
-11.69 To 0.000 %



15

Incident Energy (MeV)

<sup>27</sup>Co-57

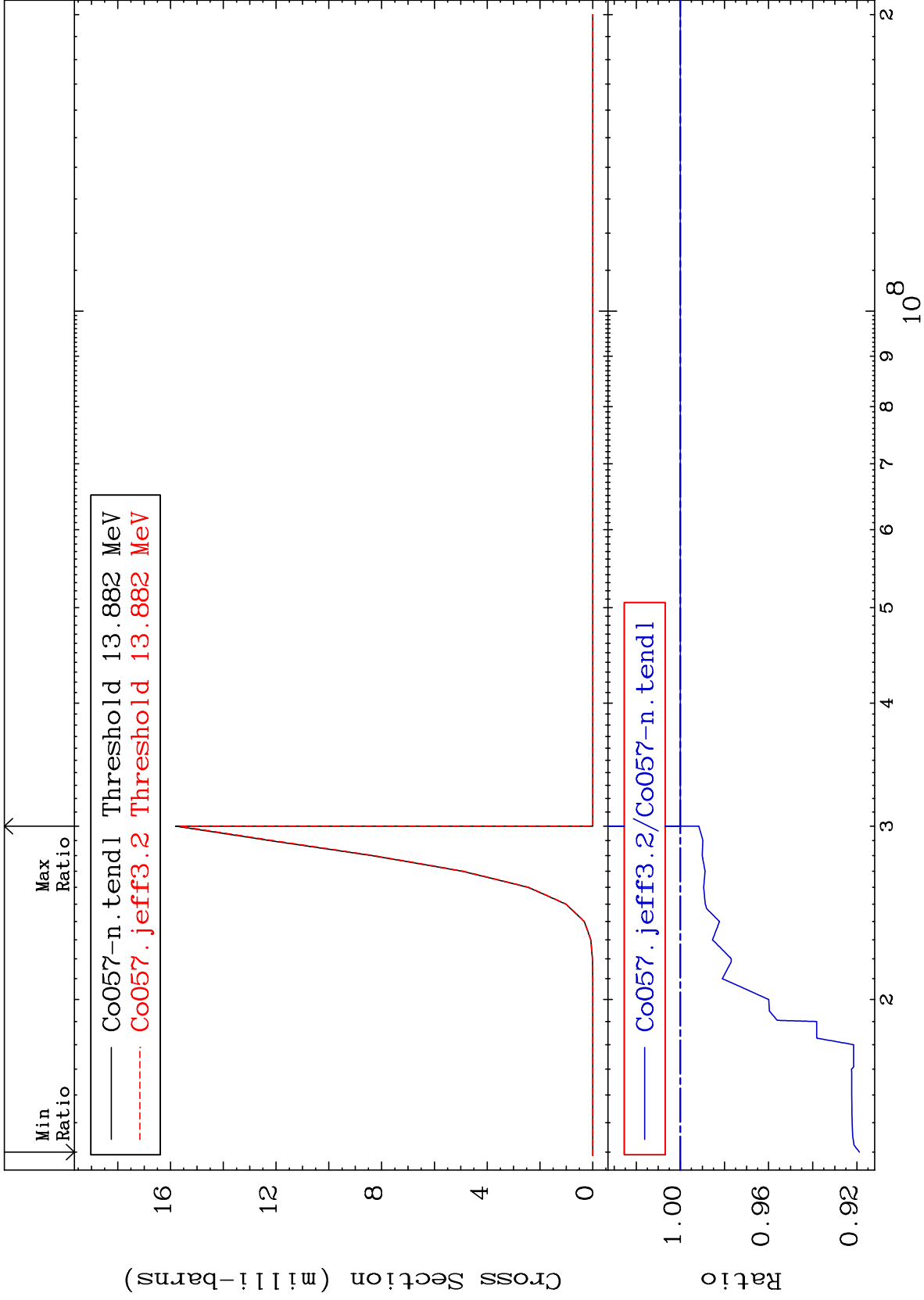




MAT 2719

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

27-Co-57  
-8.117 To 0.000 %



17

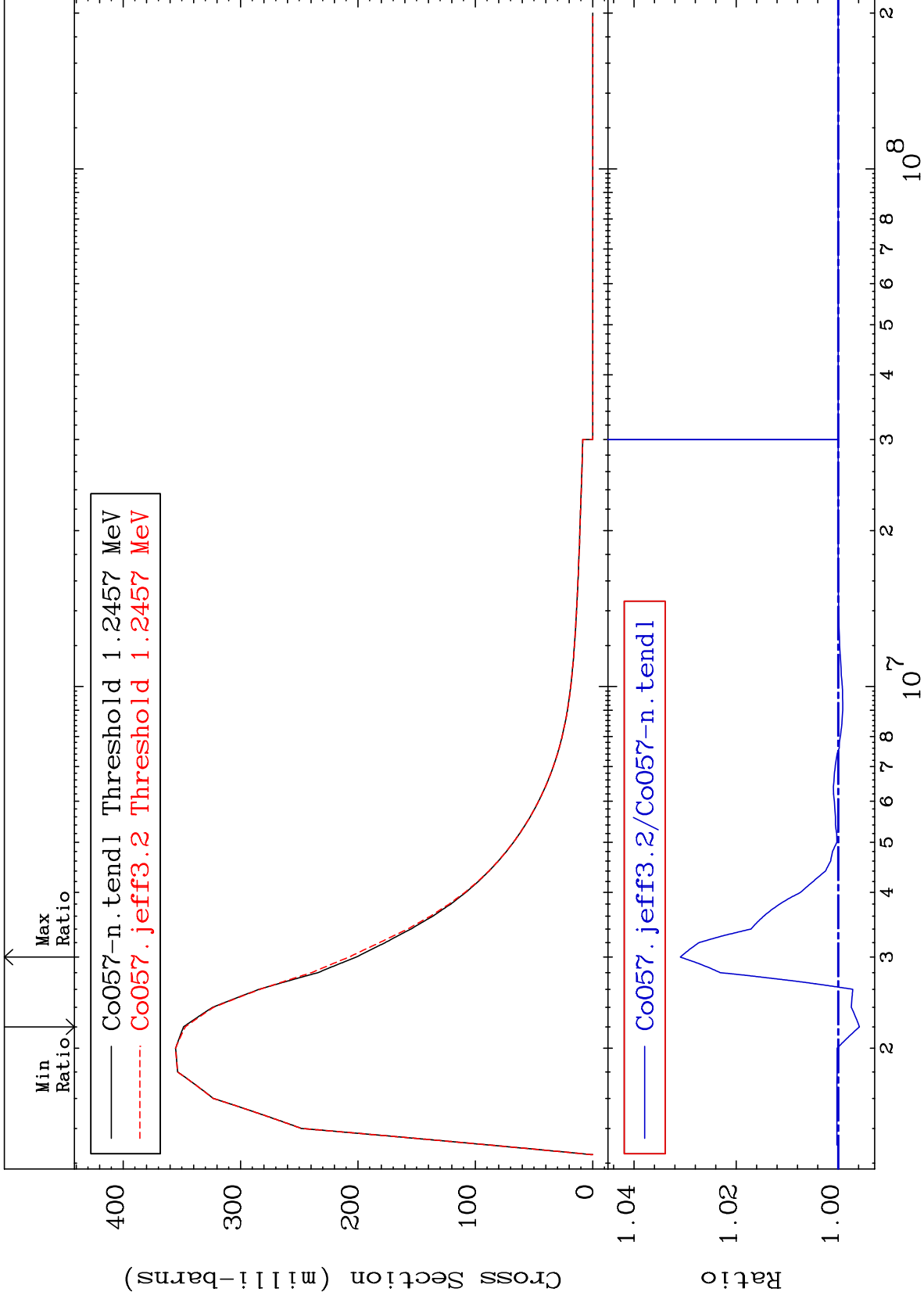
Incident Energy (eV)

27-Co-57

MAT 2719

1.224 MeV (n,n') Level  
Cross Section

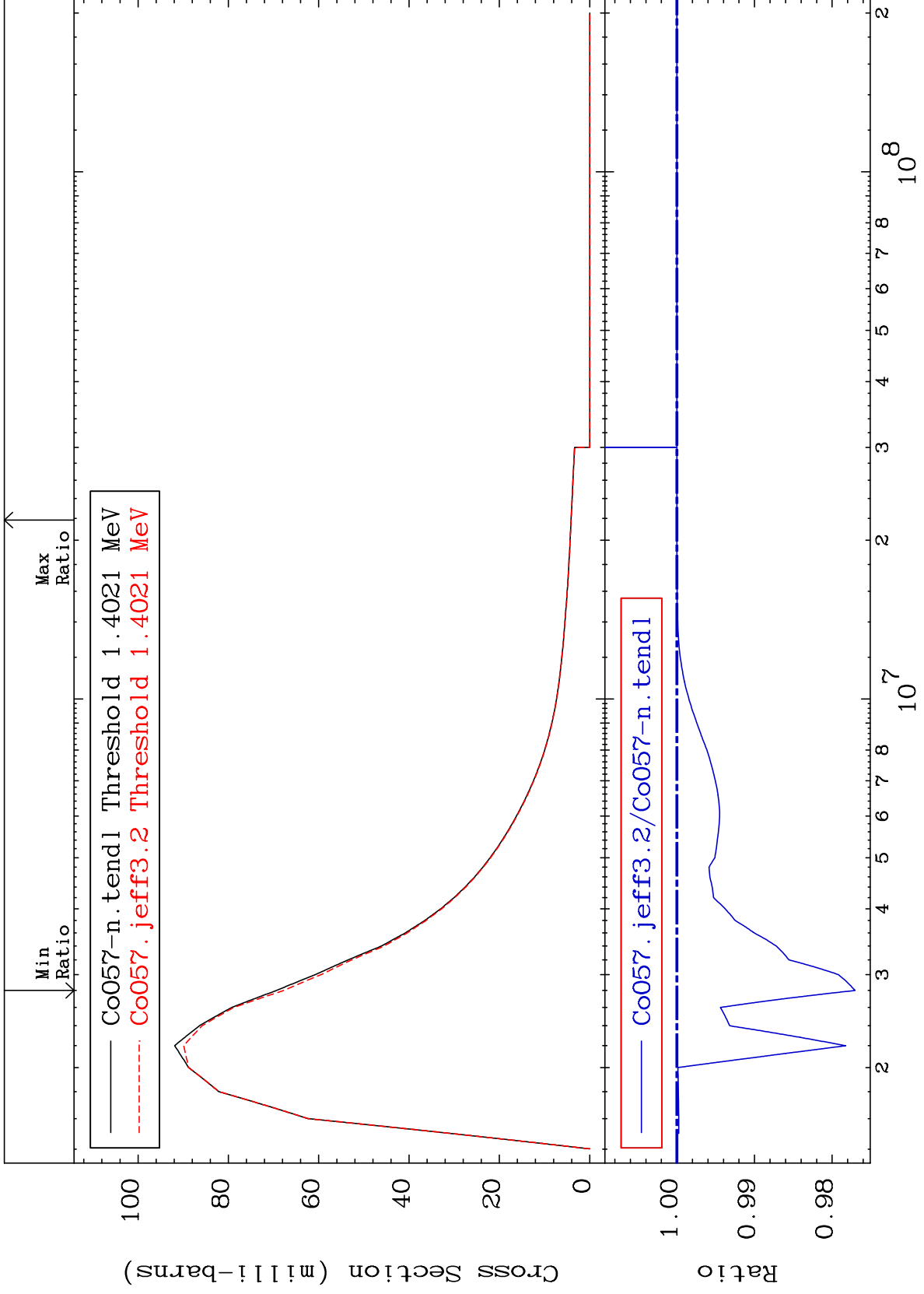
27-Co-57  
-0.415 To 3.093 %



MAT 2719

1.378 MeV (n,n') Level  
Cross Section

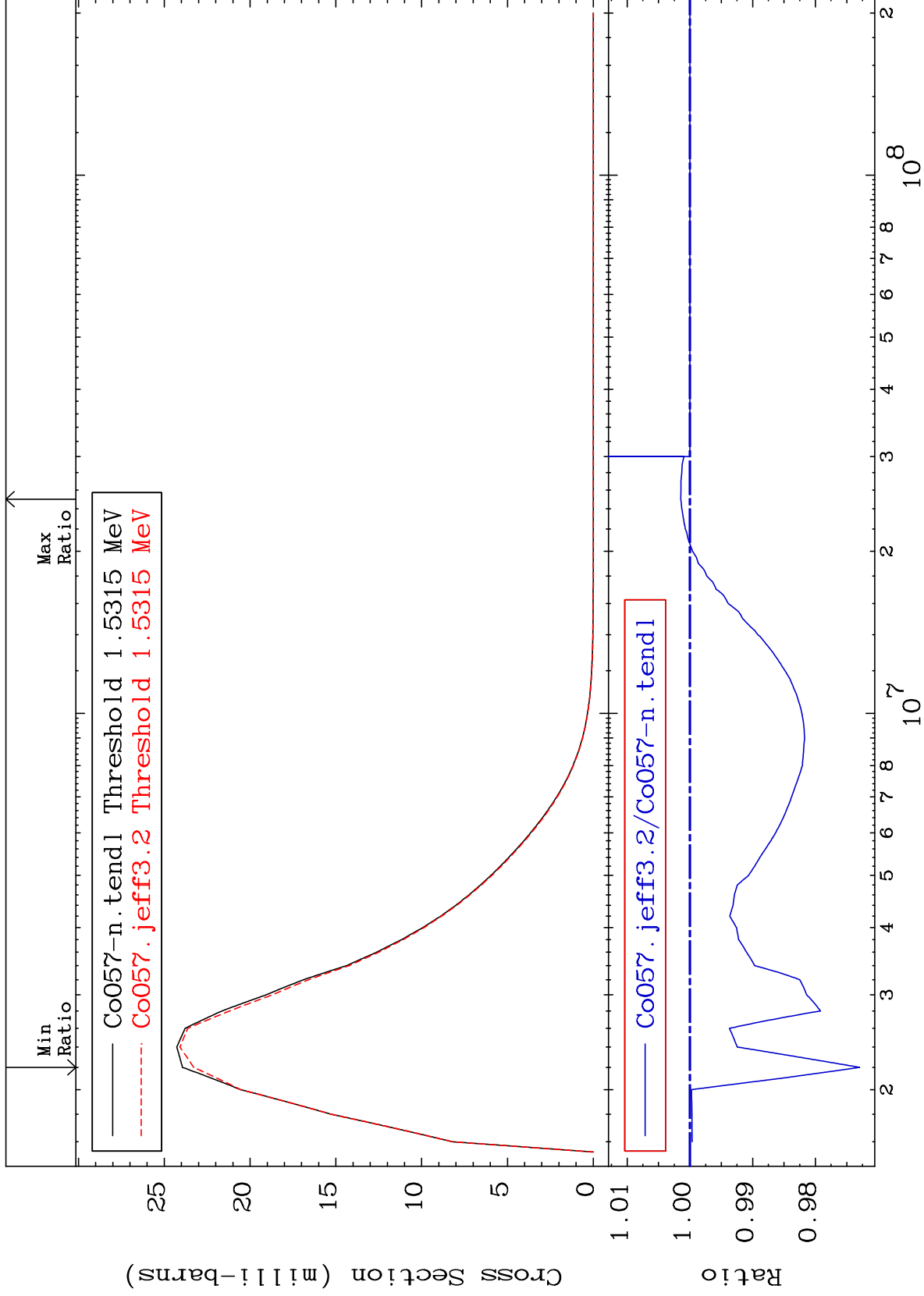
27-Co-57  
-2.296 To 0.000 %



MAT 2719

1.505 MeV (n,n') Level  
Cross Section

27-Co-57  
-2.703 To 0.146 %



20

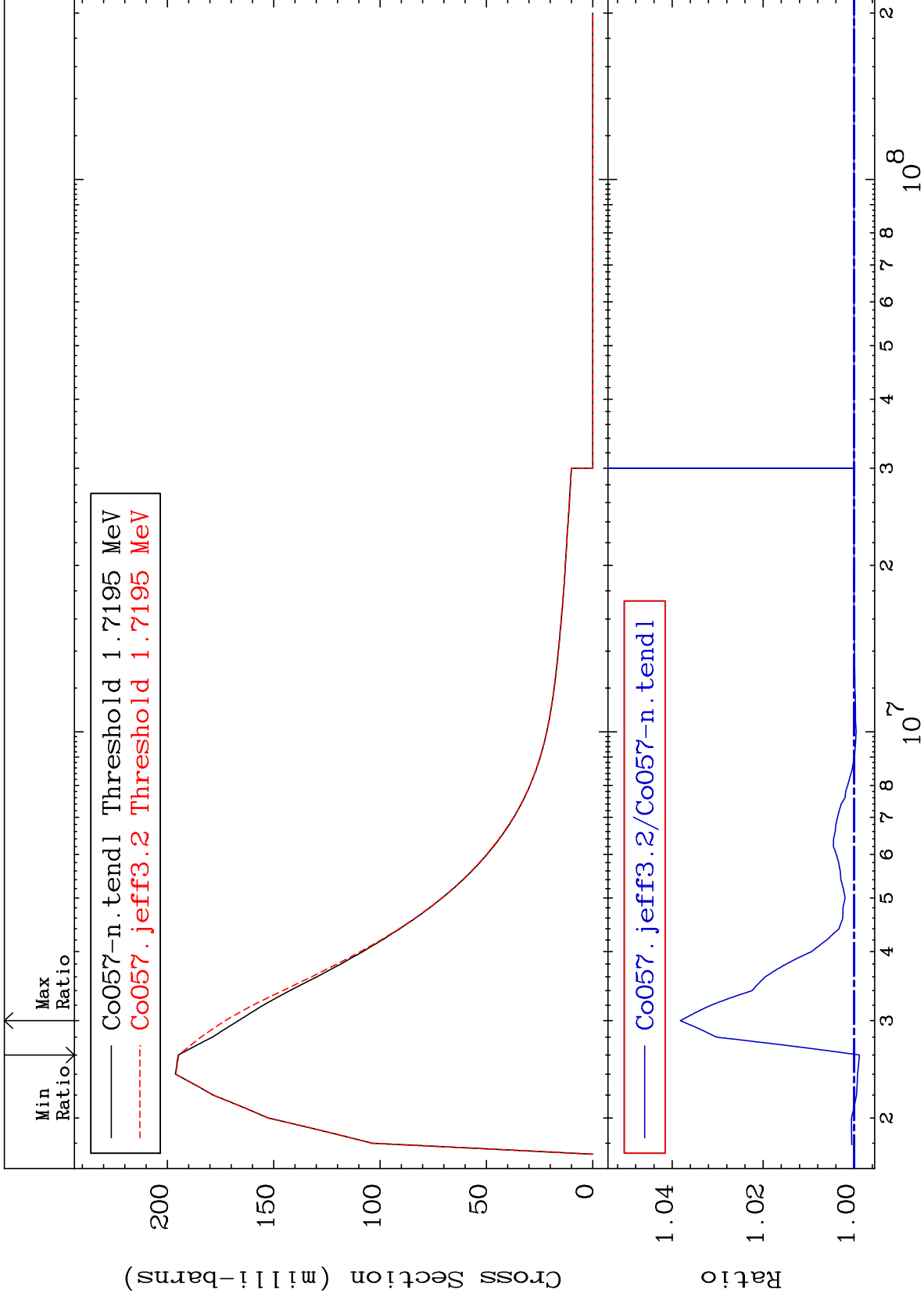
Incident Energy (eV)

27-Co-57

MAT 2719

1.690 MeV (n,n') Level  
Cross Section

27-Co-57  
-0.118 To 3.820 %



21

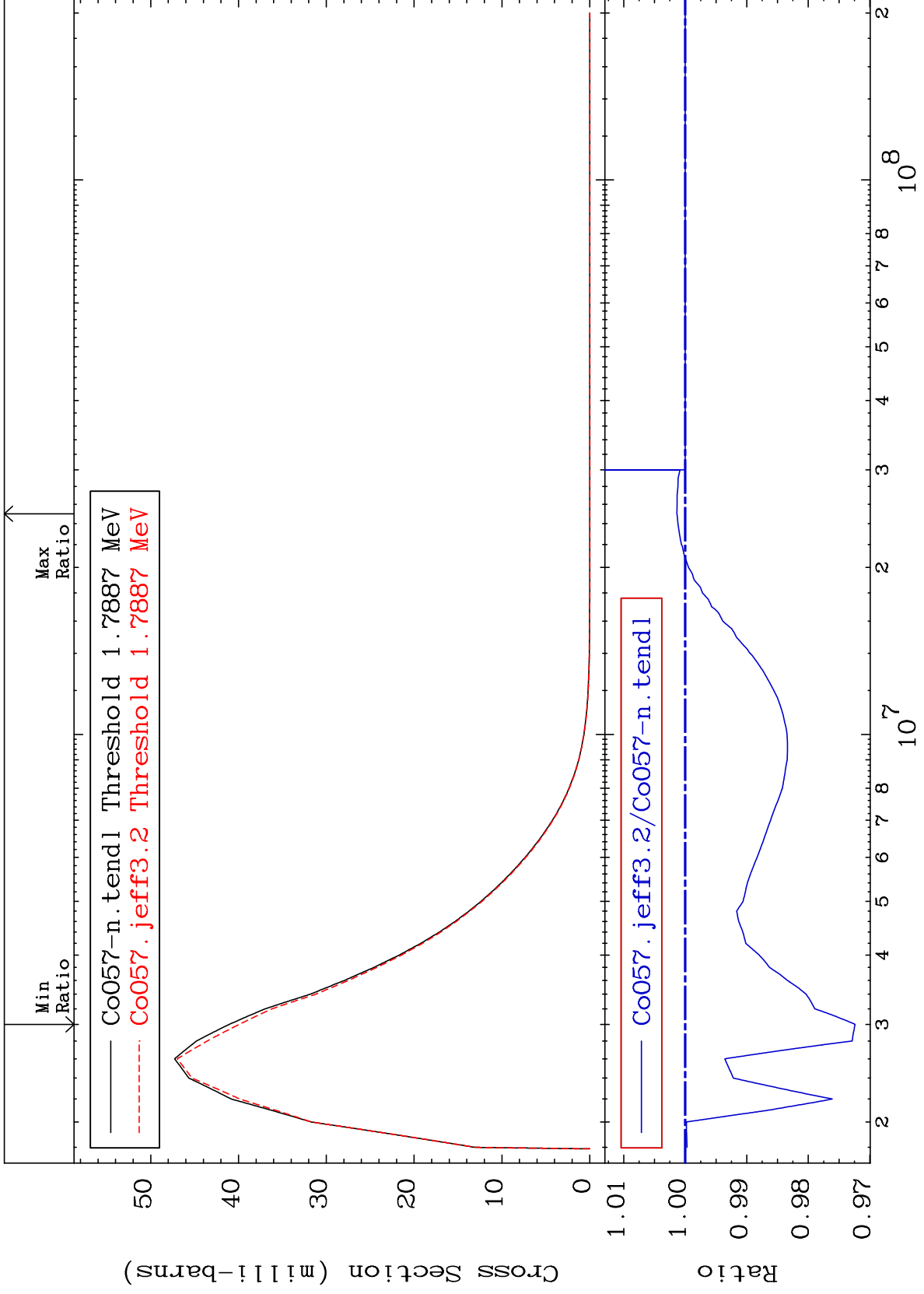
Incident Energy (eV)

27-Co-57

MAT 2719

1.758 MeV (n,n') Level  
Cross Section

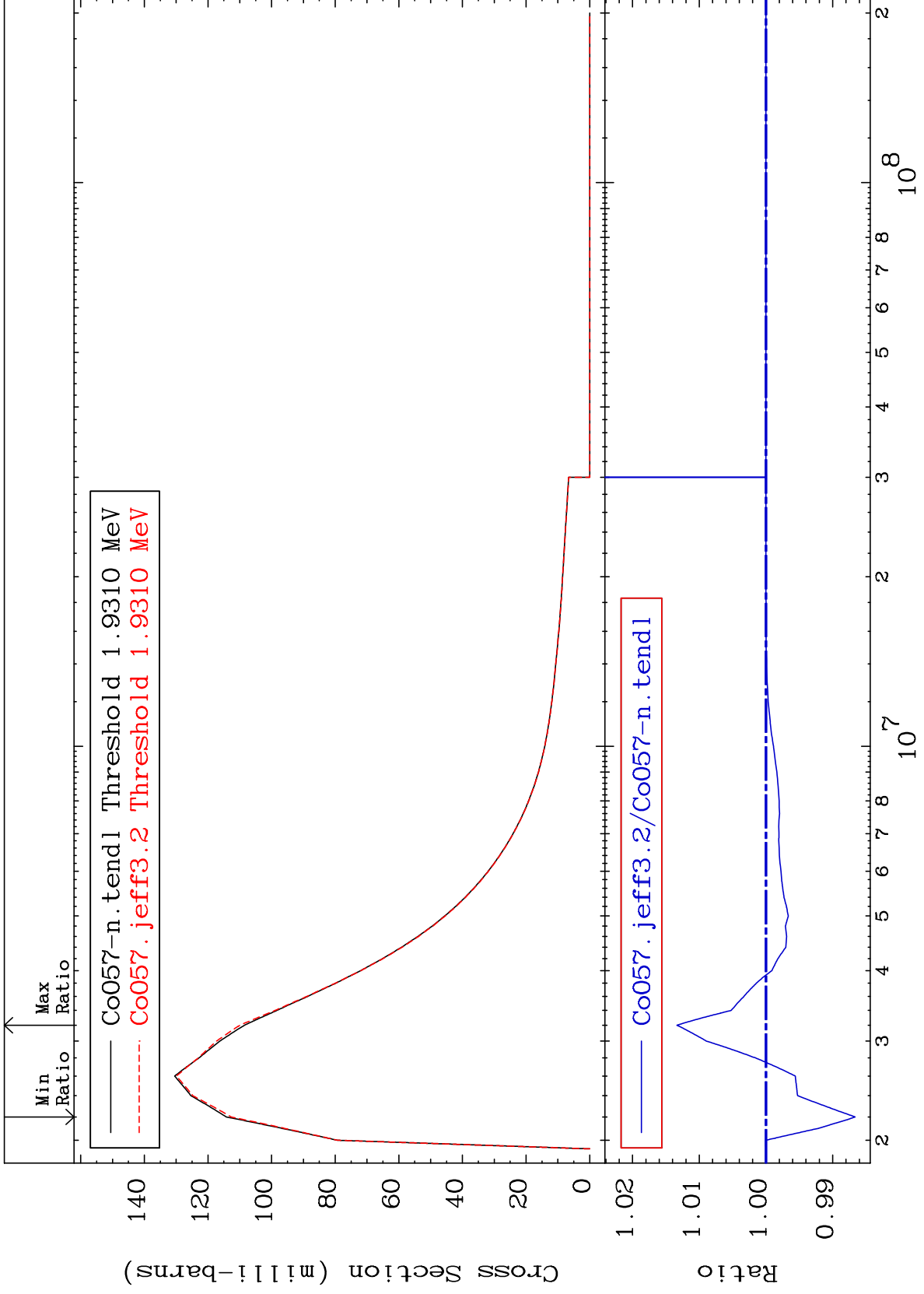
27-Co-57  
-2.761 To 0.135 %



MAT 2719

1.897 MeV (n,n') Level  
Cross Section

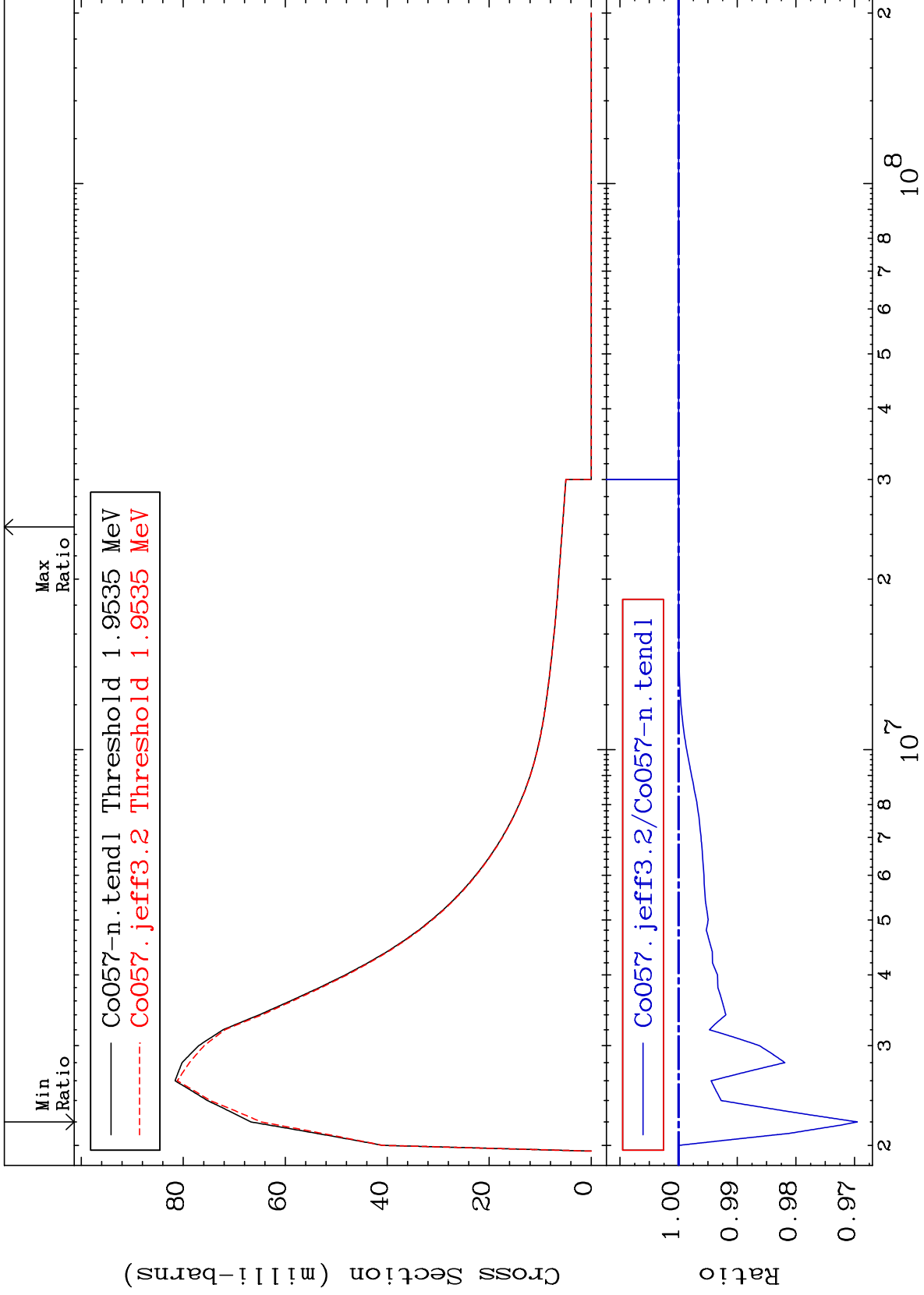
27-Co-57  
-1.336 To 1.335 %



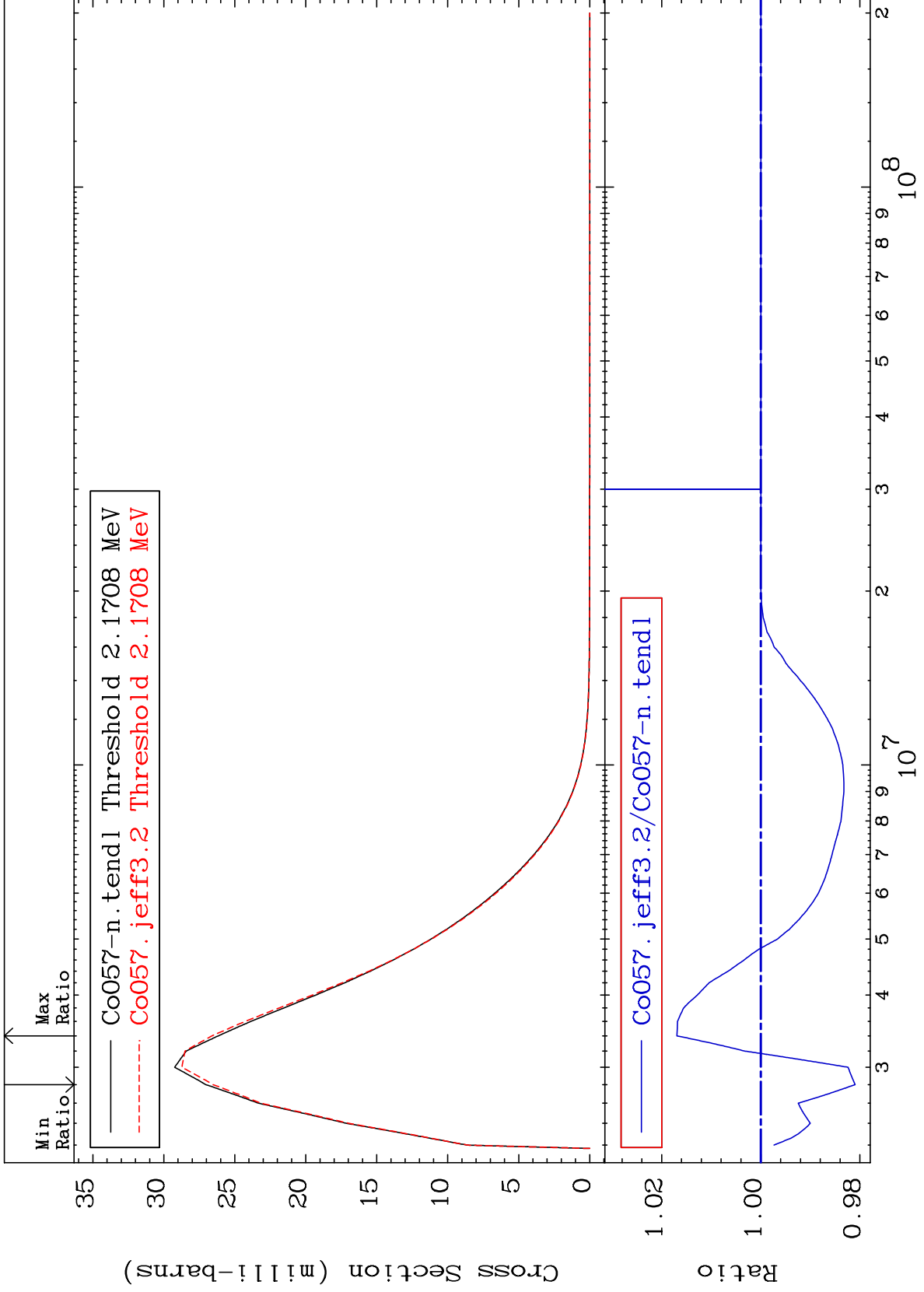
MAT 2719

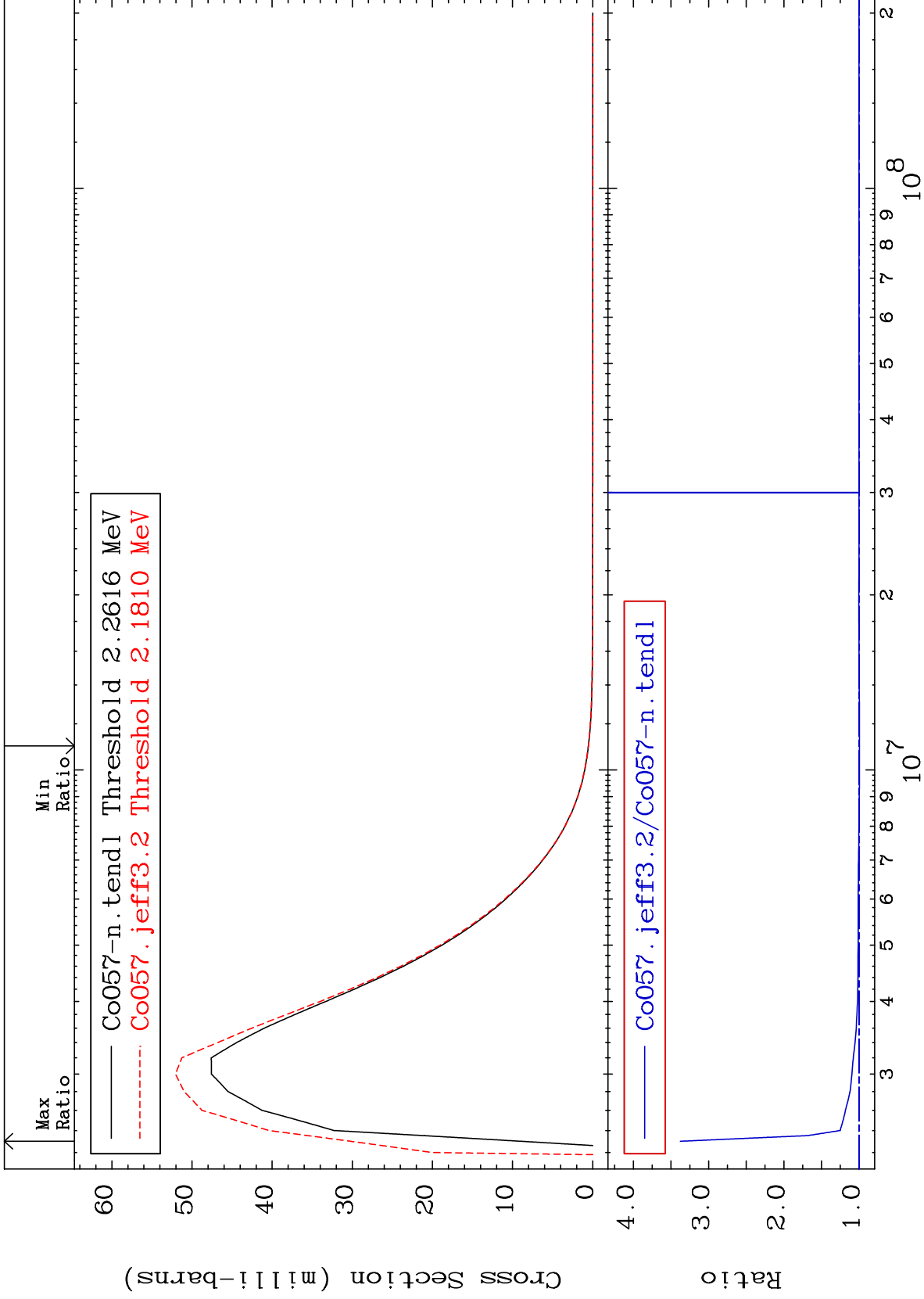
1.920 MeV (n,n') Level  
Cross Section

27-Co-57  
-3.046 To 0.000 %





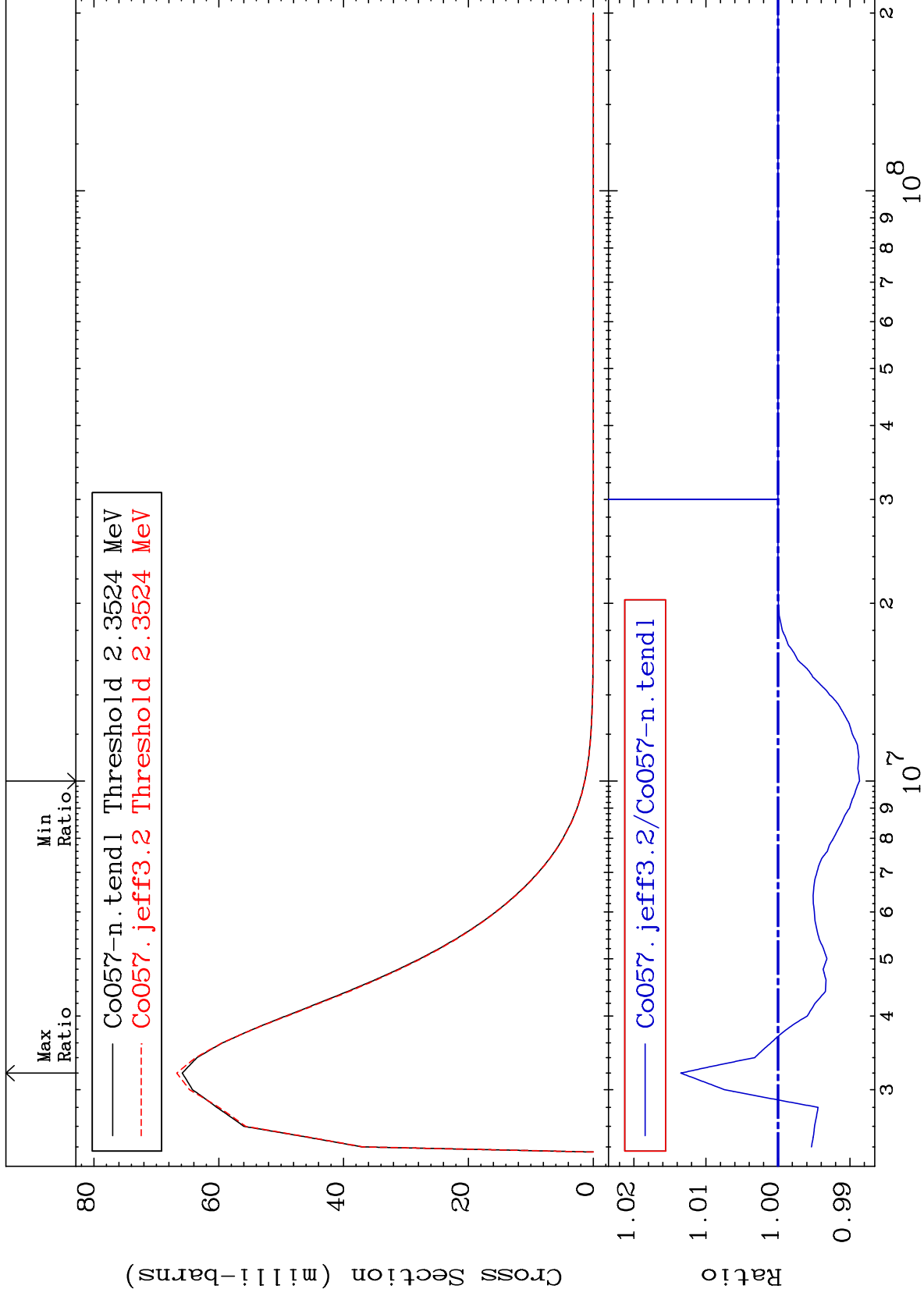




MAT 2719

2.311 MeV (n,n') Level  
Cross Section

27-Co-57  
-1.133 To 1.350 %

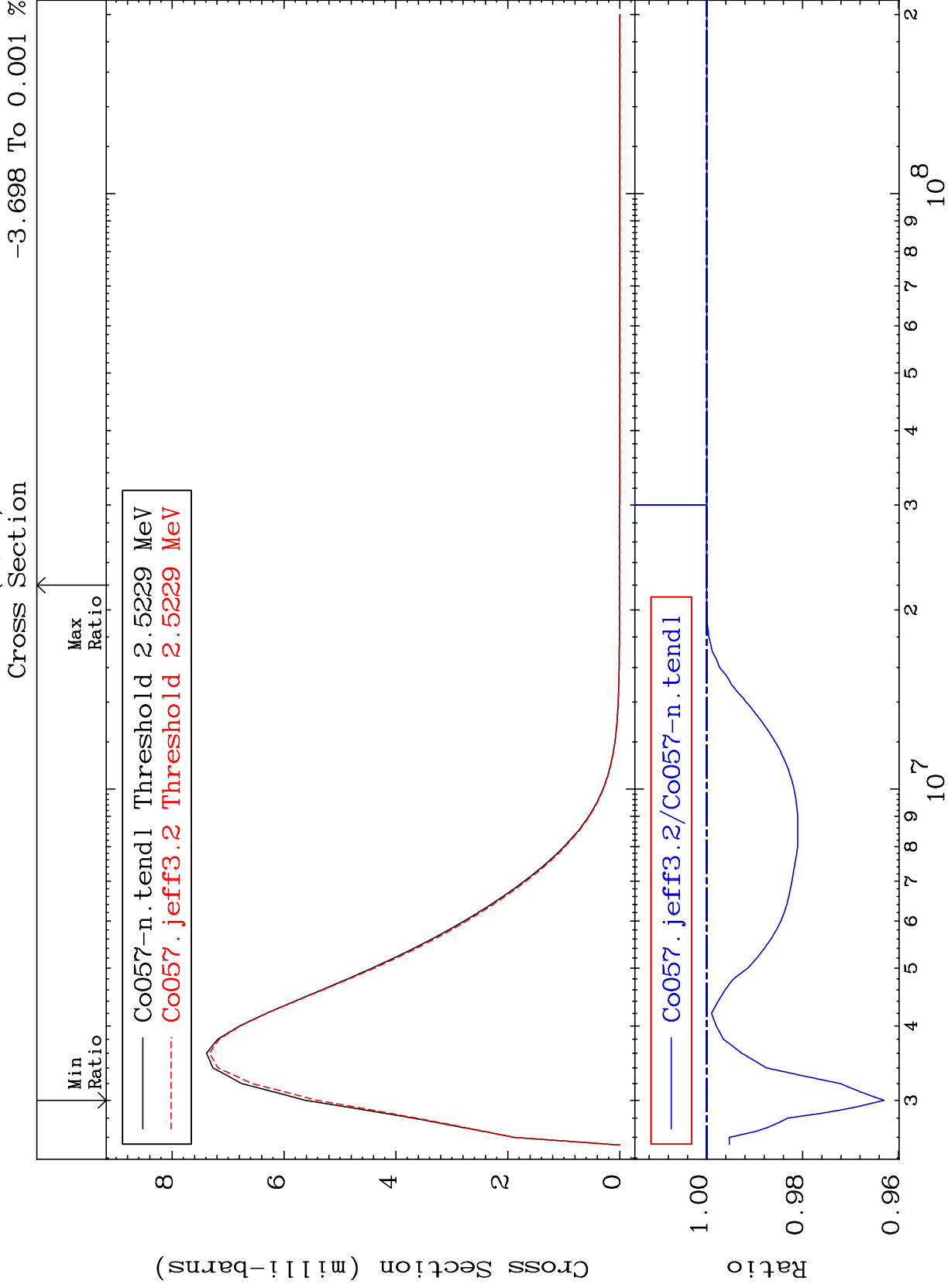


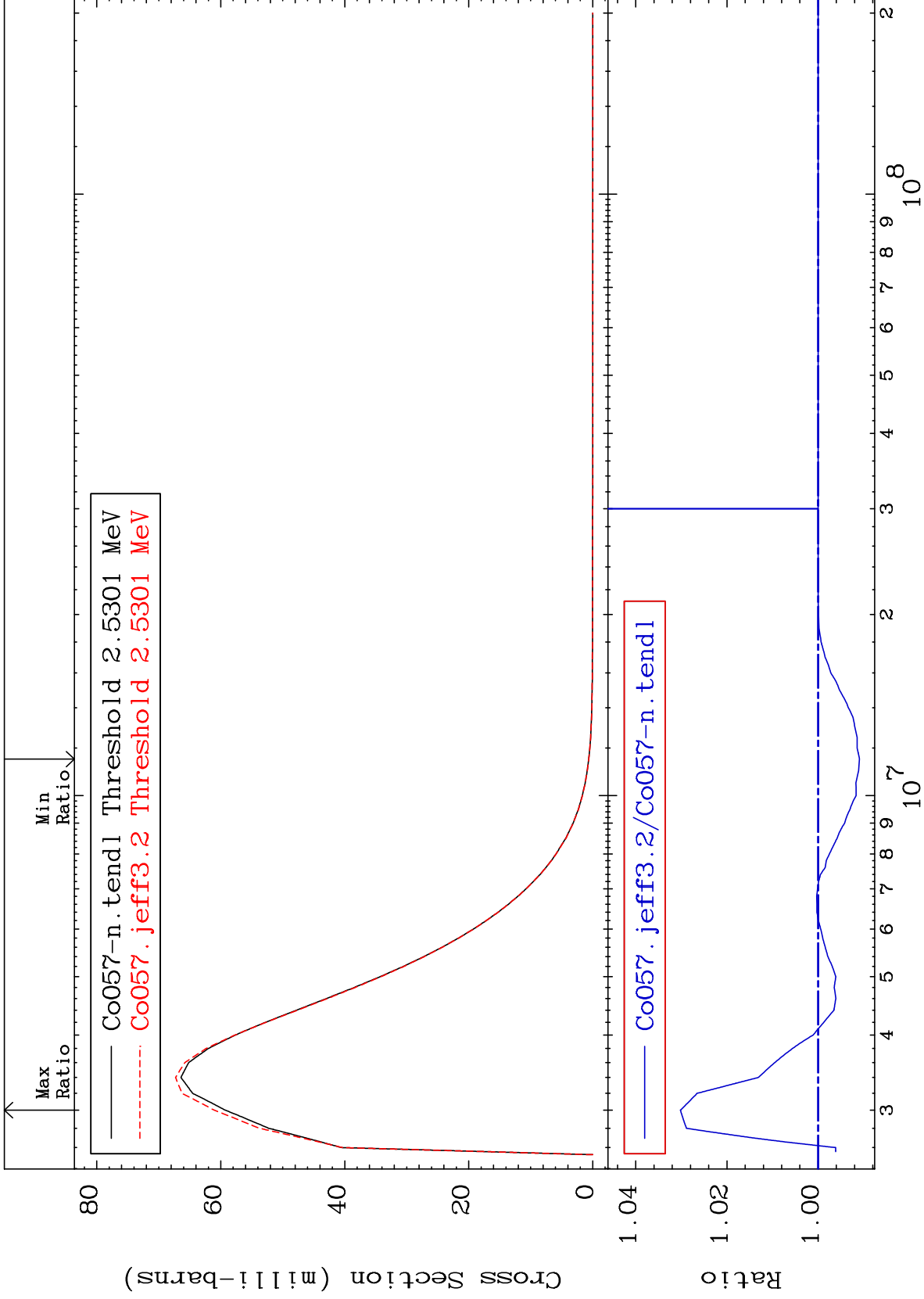
MAT 2719

2.479 MeV (n,n') Level

27-Co-57

-3.698 To 0.001 %

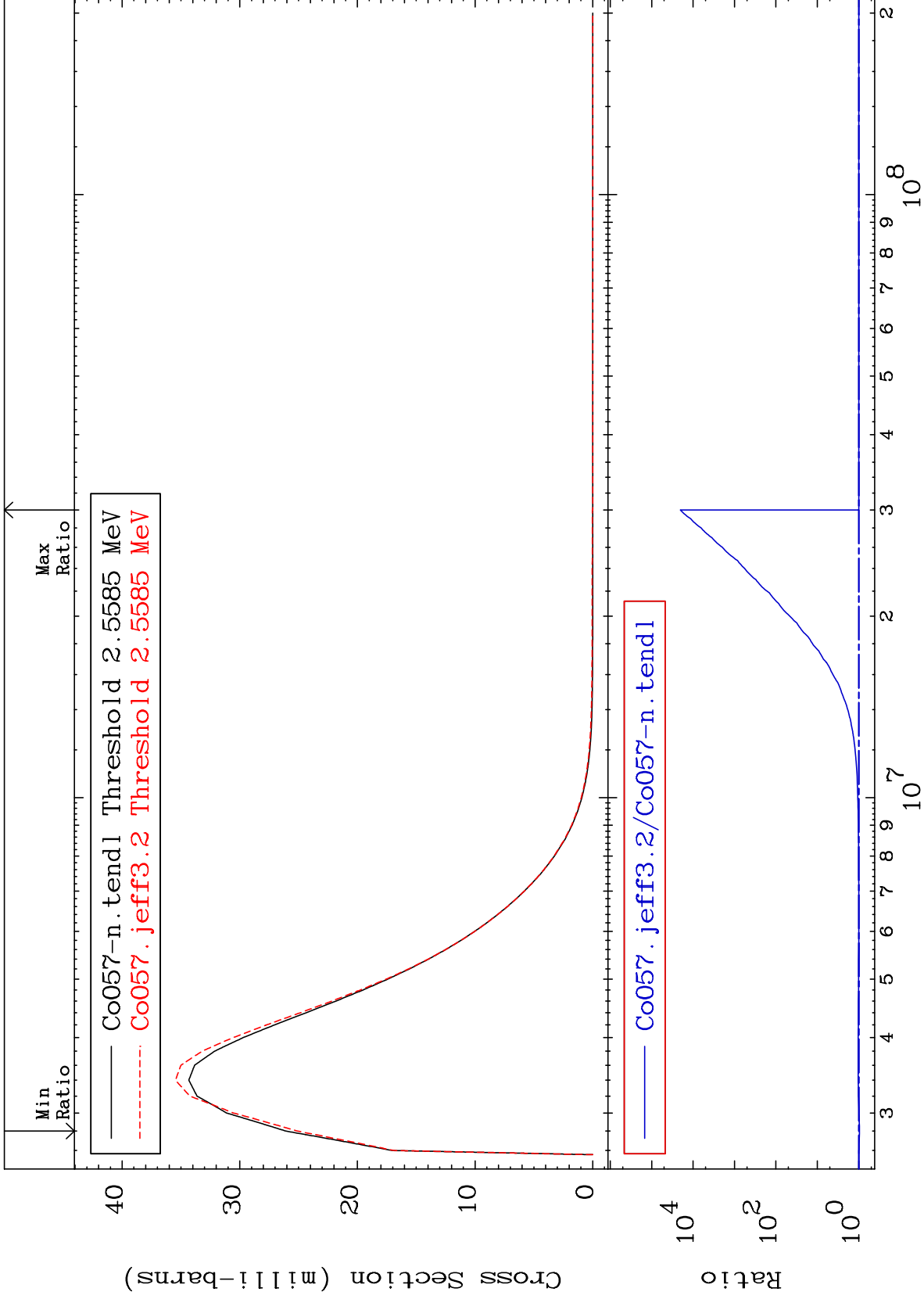




MAT 2719

2.514 MeV (n,n') Level  
Cross Section

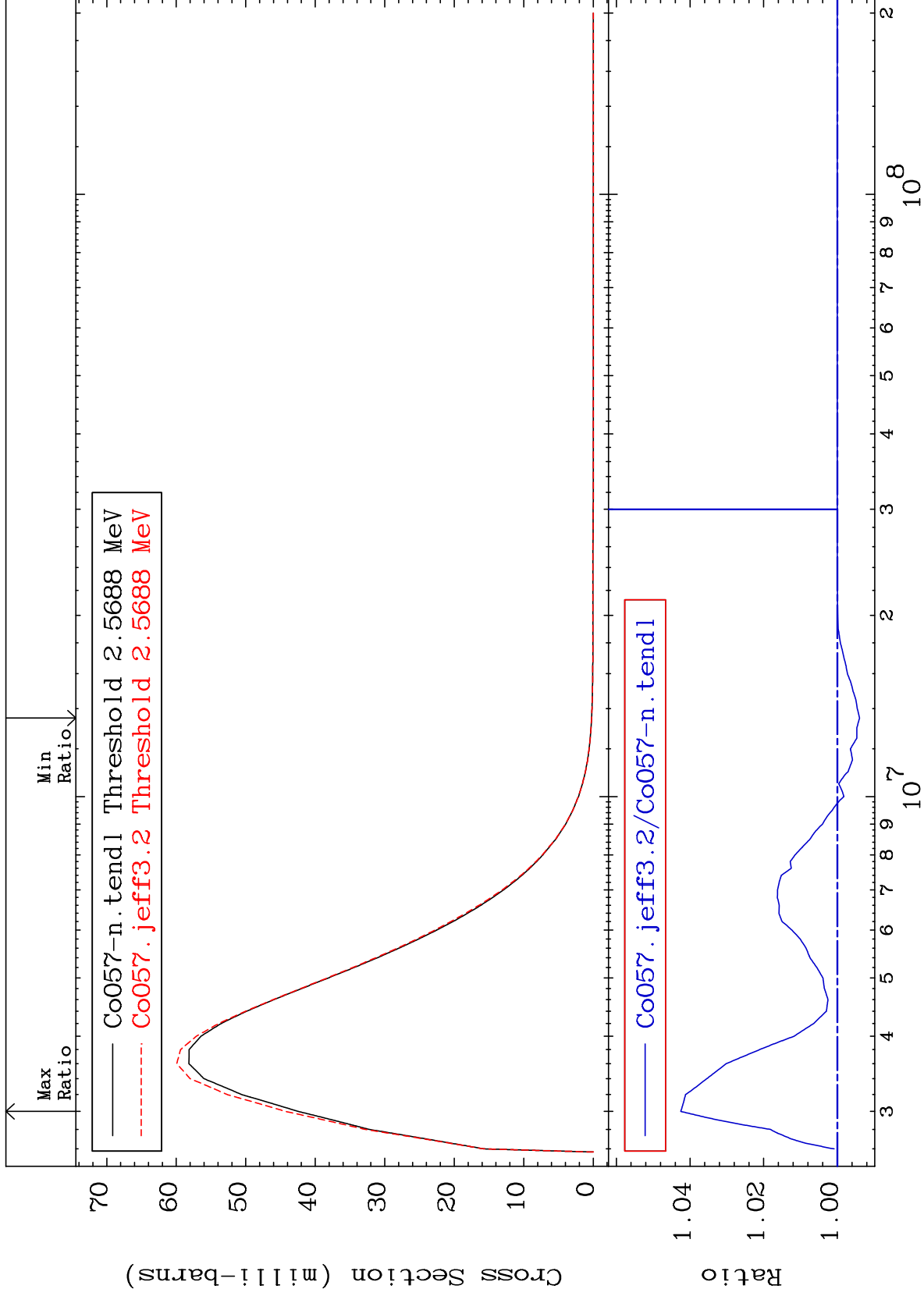
27-Co-57  
-3.756 To 9999. %



30

Incident Energy (eV)

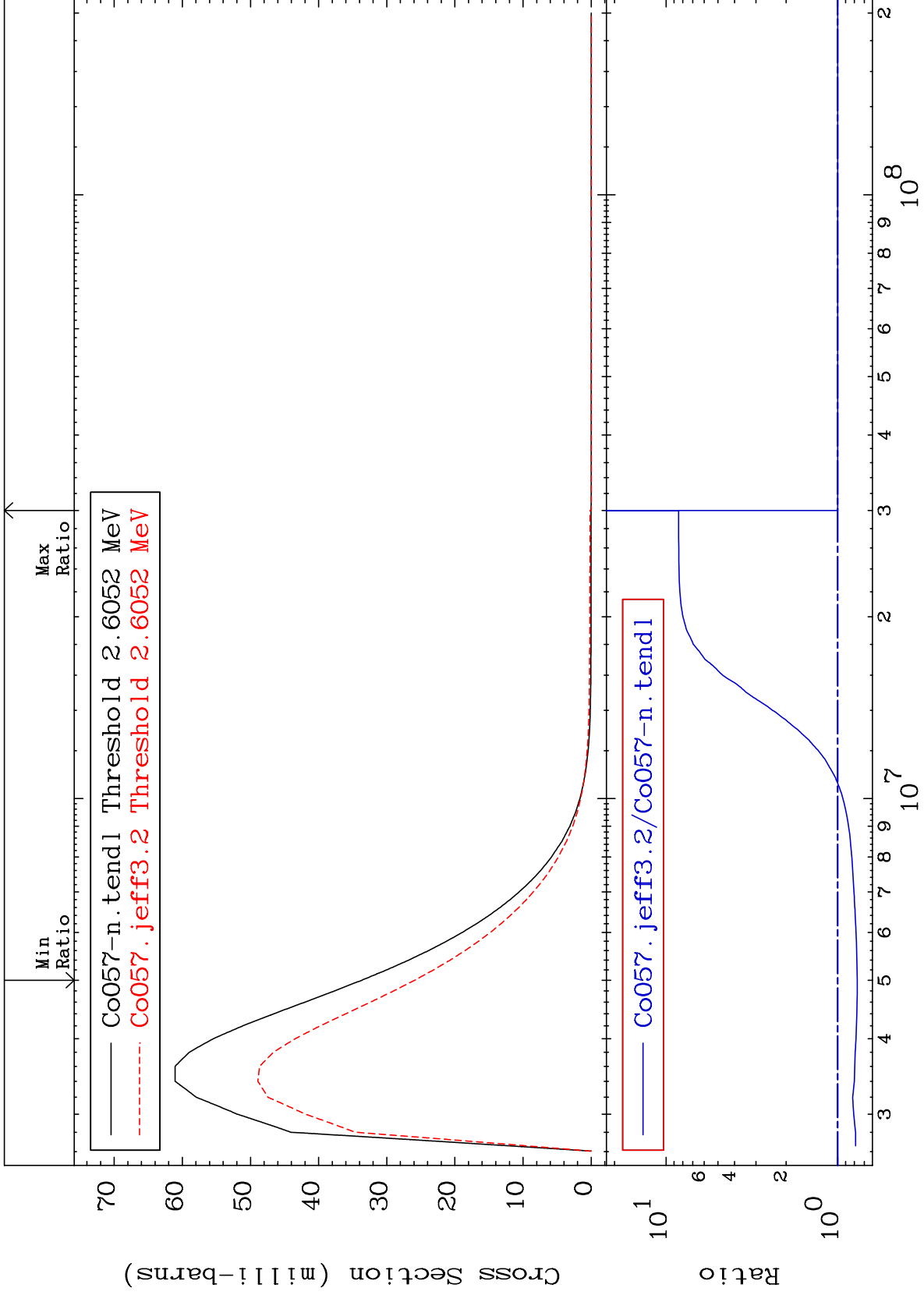
27-Co-57



MAT 2719

2.560 MeV (n,n') Level  
Cross Section

27-Co-57  
-23.05 To 746.0 %

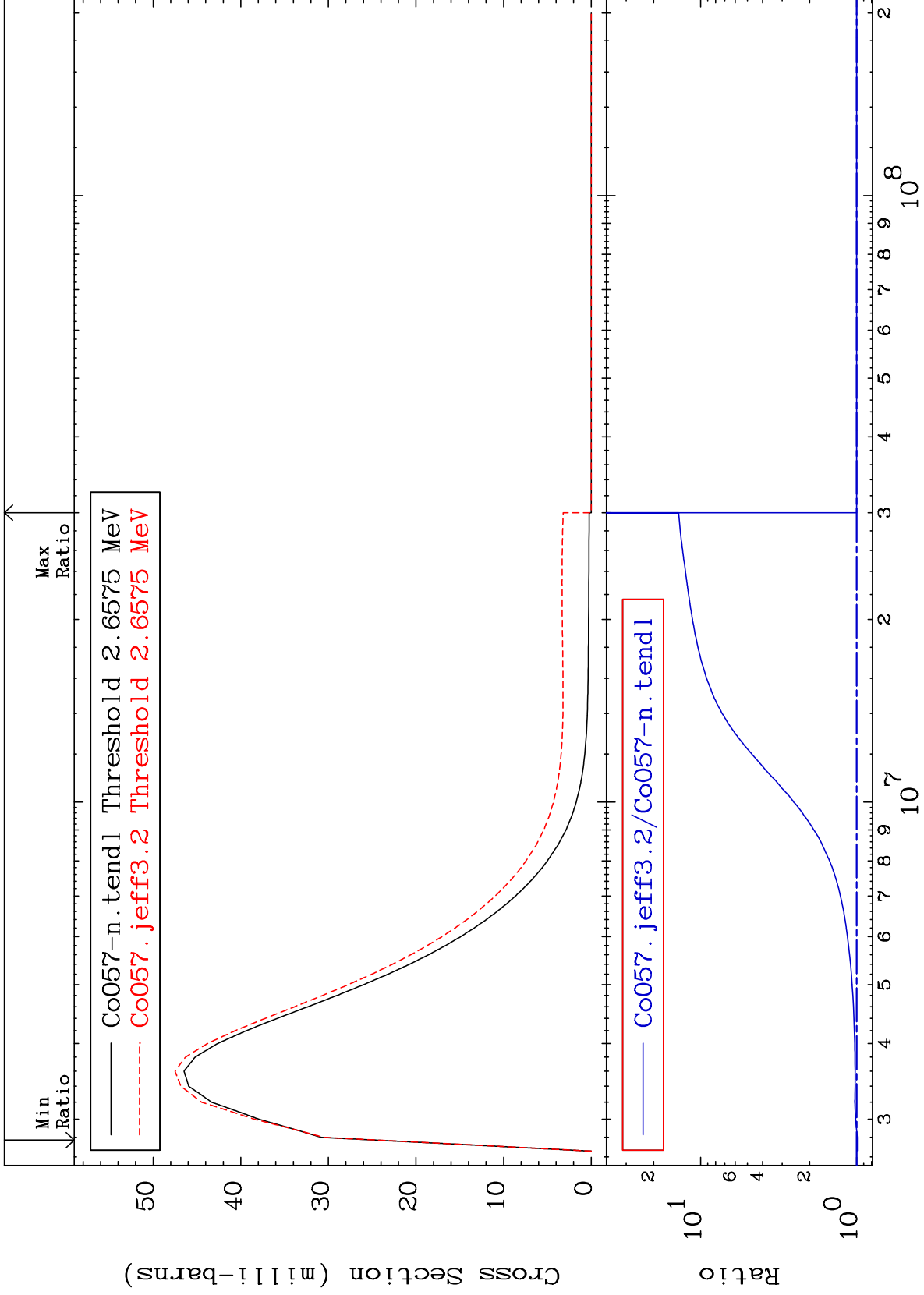


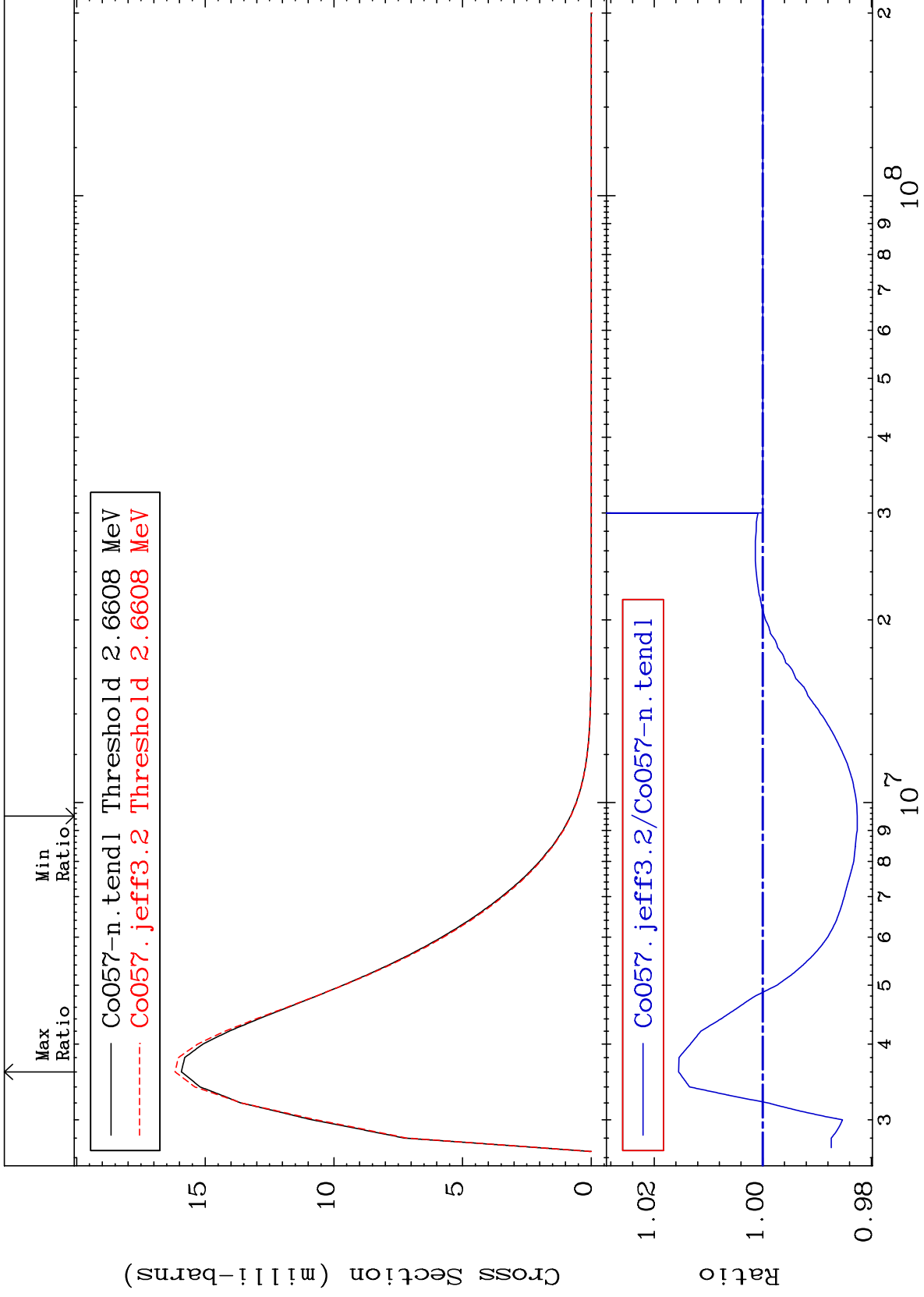


MAT 2719

2.611 MeV (n,n') Level  
Cross Section

27-Co-57  
-1.003 To 1282. %

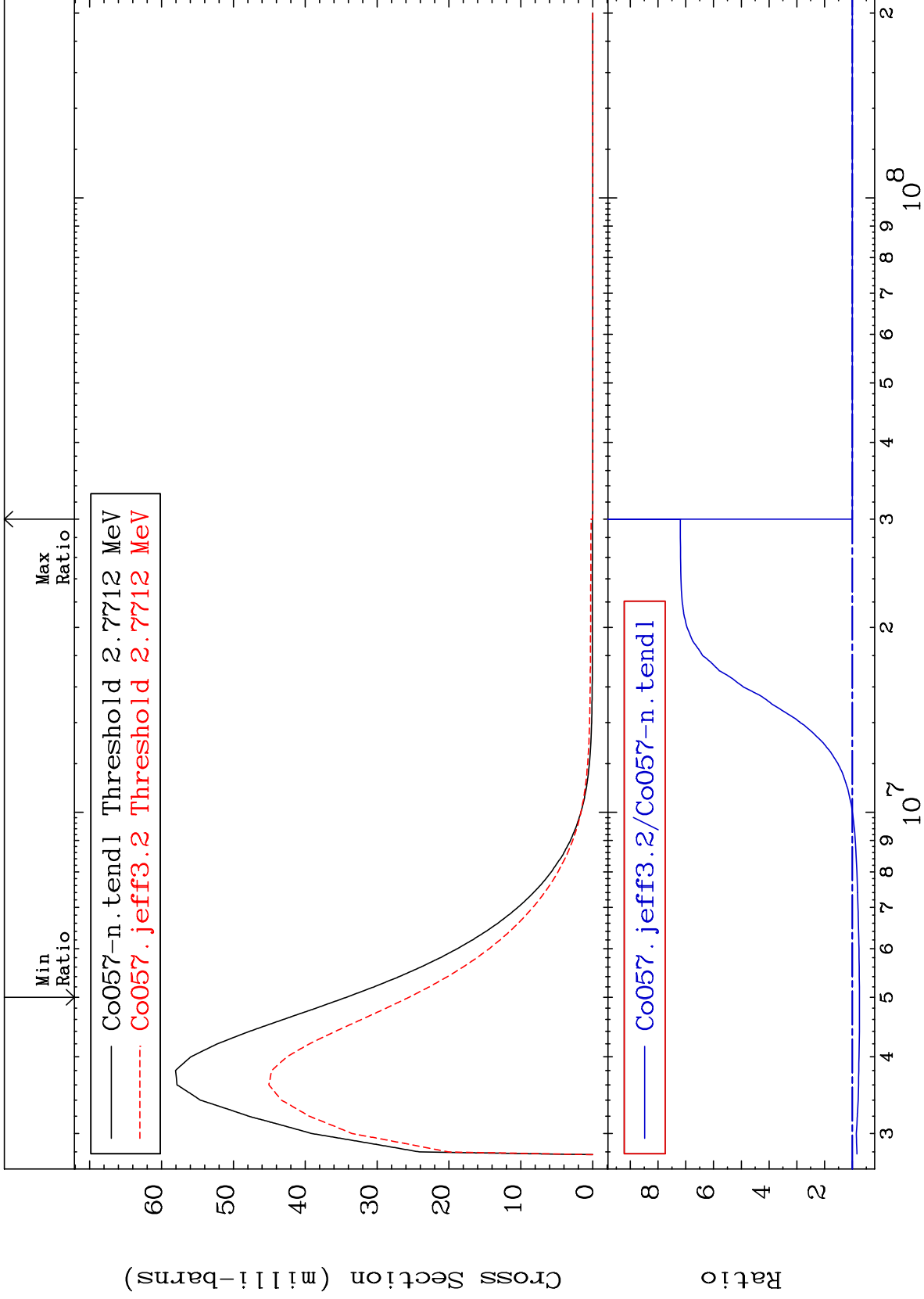




MAT 2719

2.723 MeV (n,n') Level  
Cross Section

27-Co-57  
-25.40 To 619.6 %



35

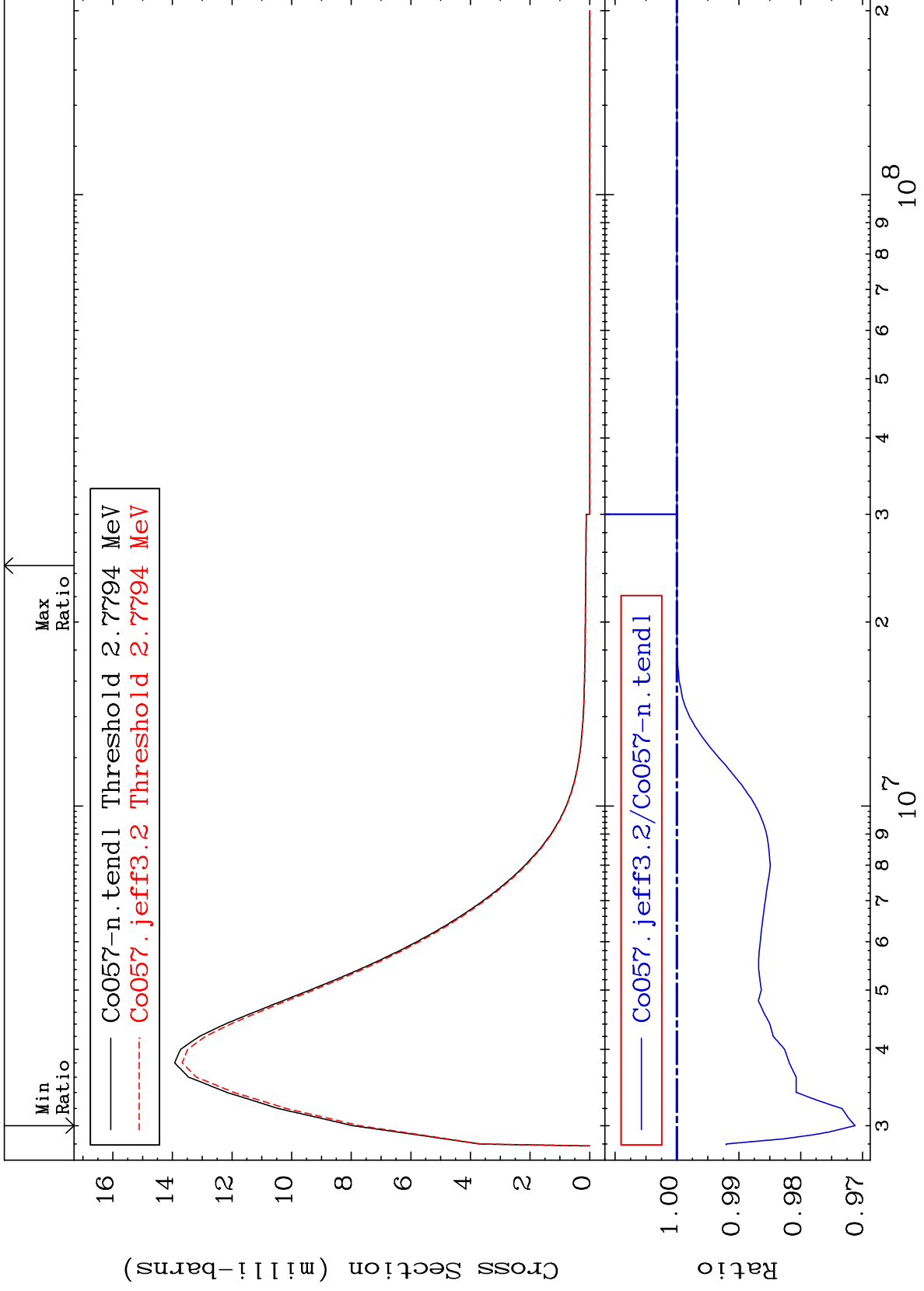
Incident Energy (eV)

27-Co-57

MAT 2719

2.731 MeV (n,n') Level  
Cross Section

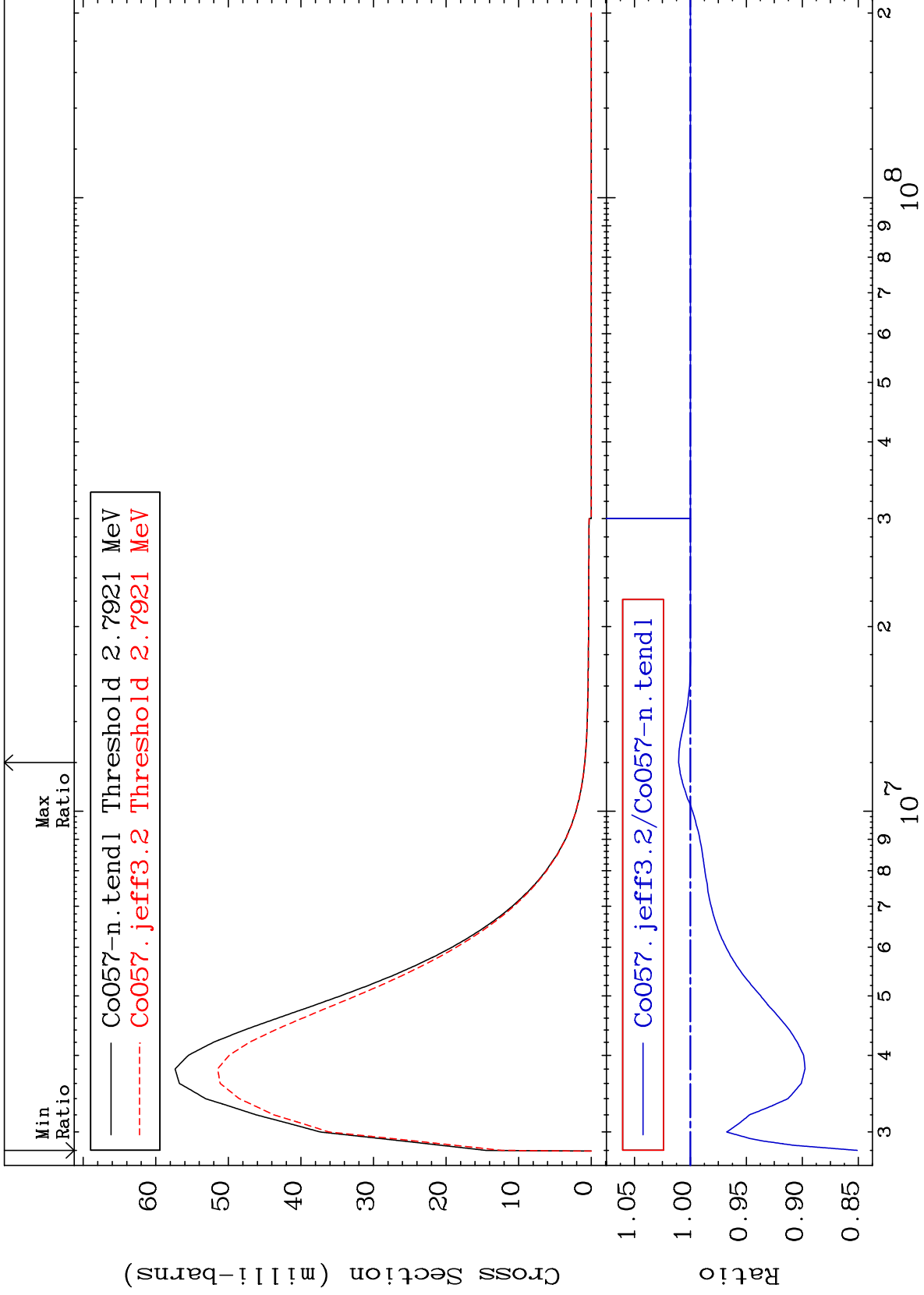
27-Co-57  
-2.879 To 0.000 %



MAT 2719

2.744 MeV (n,n') Level  
Cross Section

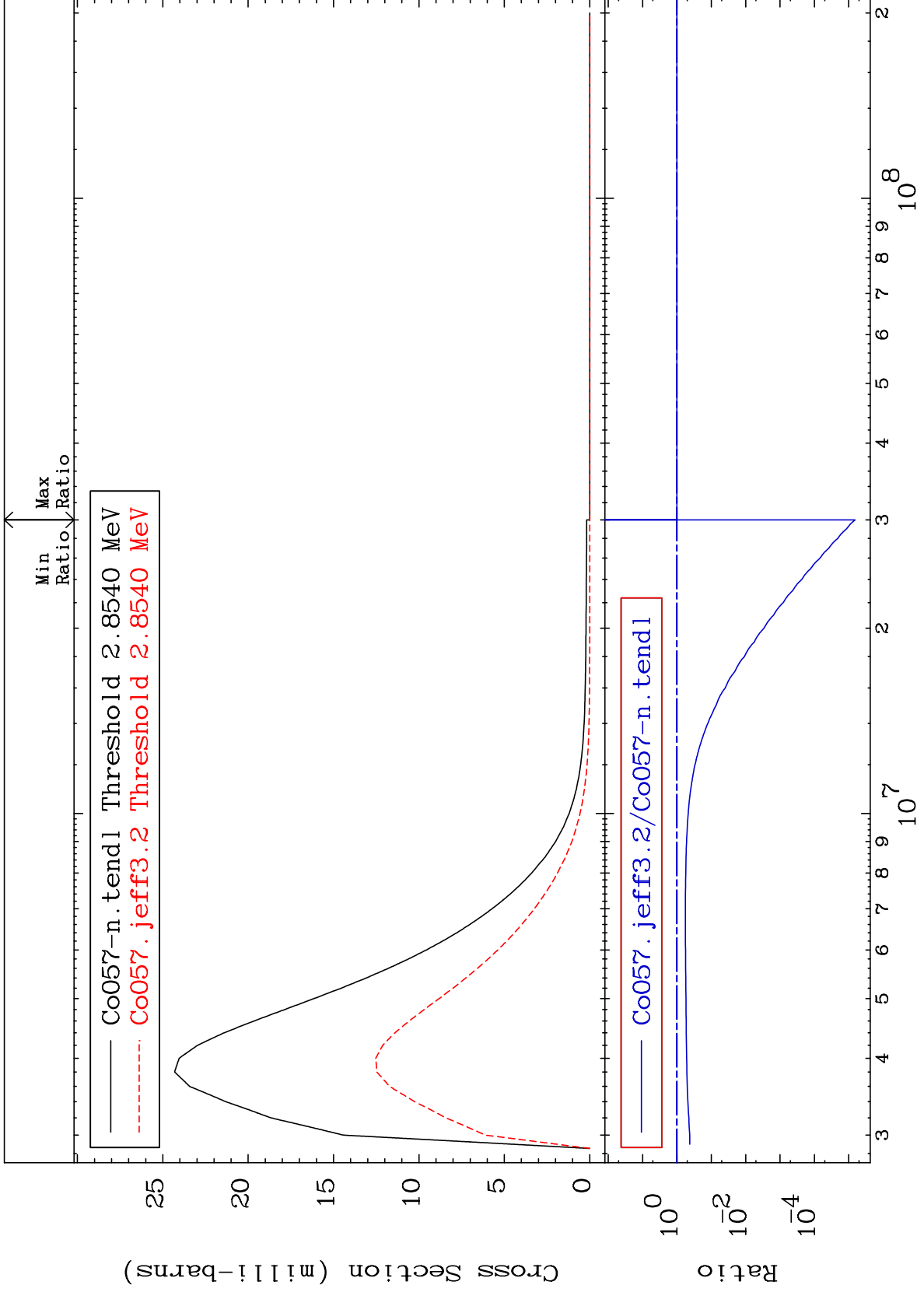
27-Co-57  
-14.90 To 1.051 %



MAT 2719

2.804 MeV (n,n') Level  
Cross Section

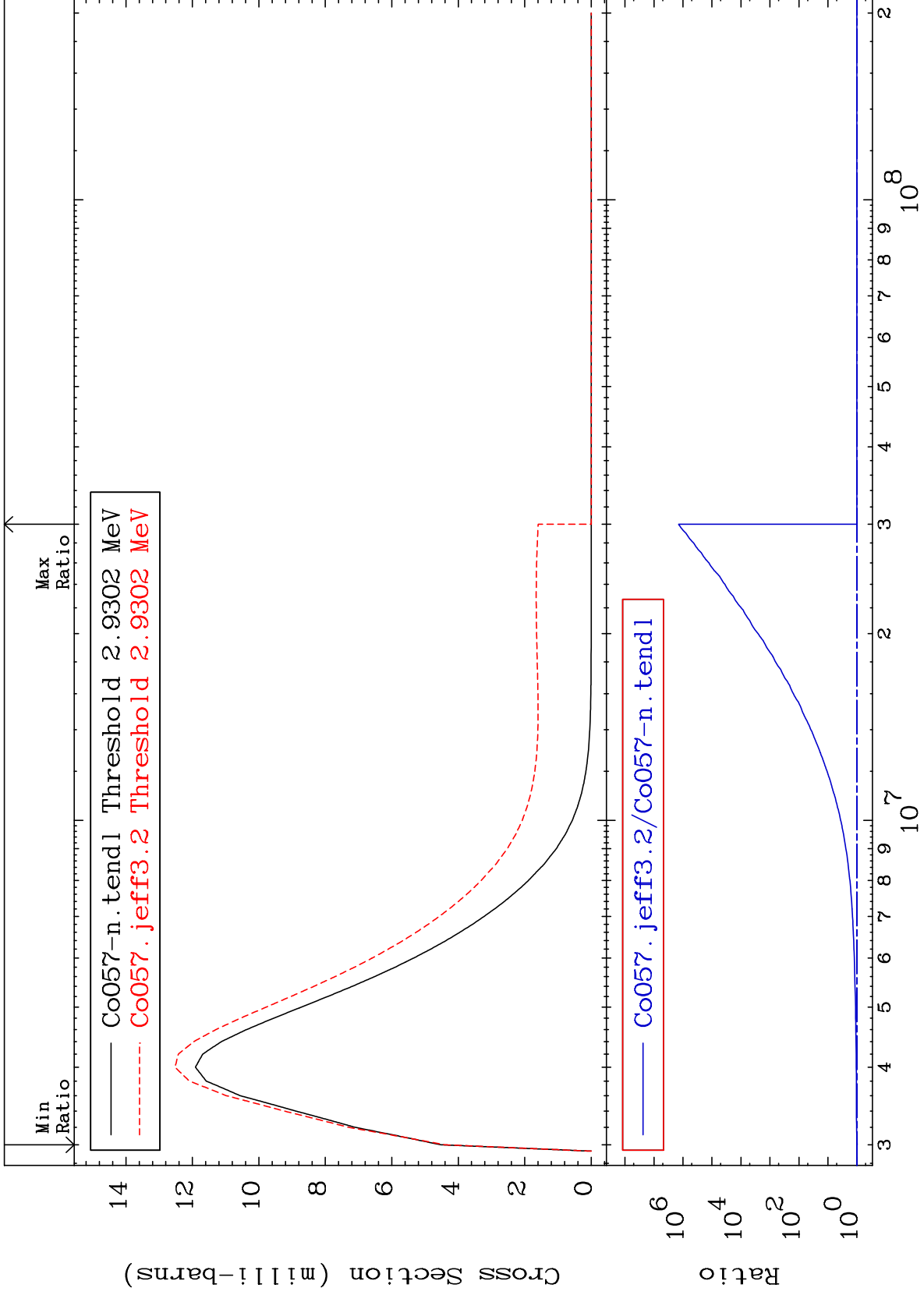
27-Co-57  
-100.0 To 0.000 %



MAT 2719

2.879 MeV (n,n') Level  
Cross Section

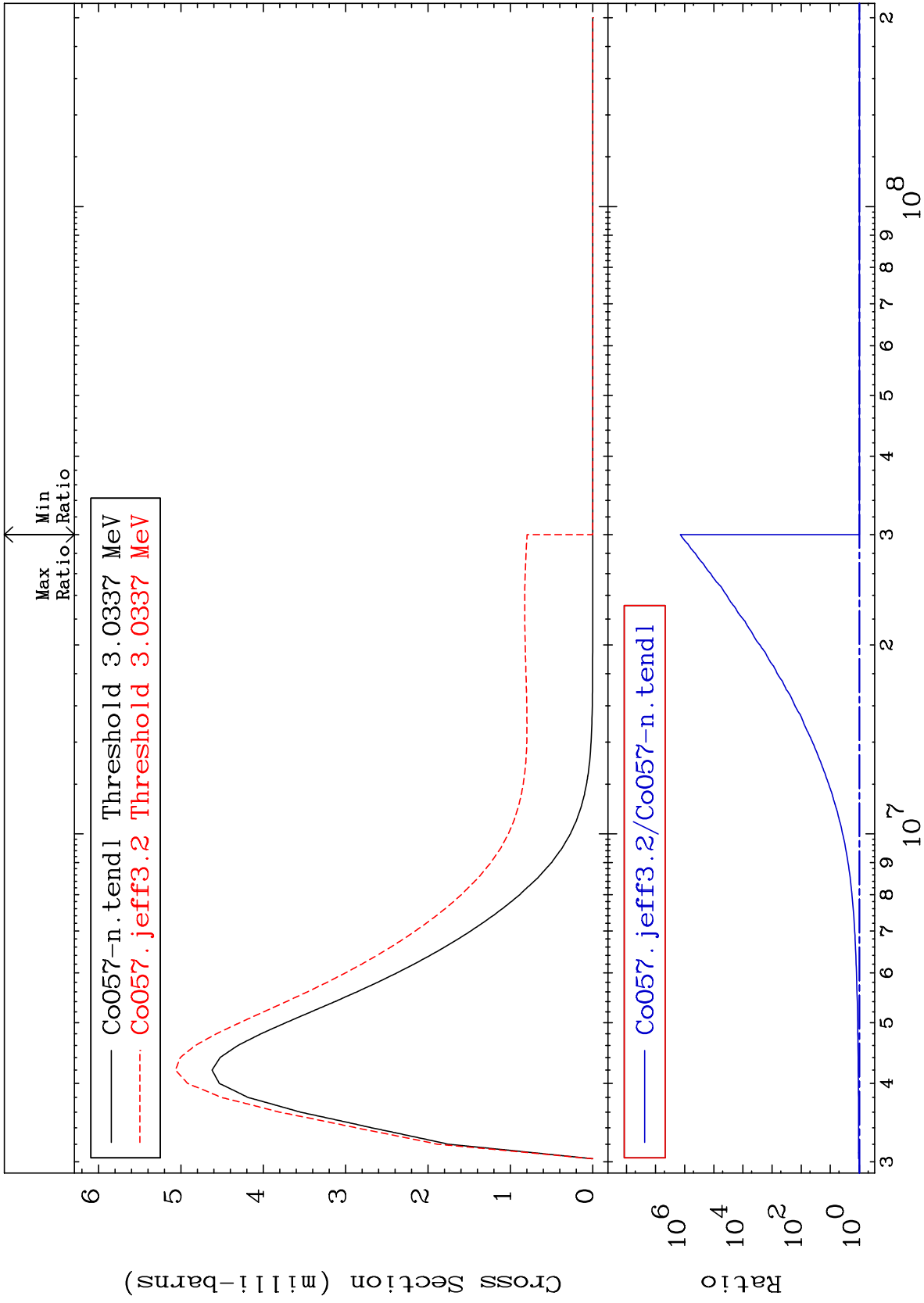
27-Co-57  
-2.486 To 9999. %



MAT 2719

2.981 MeV (n,n') Level  
Cross Section

27-Co-57  
0.000 To 9999. %

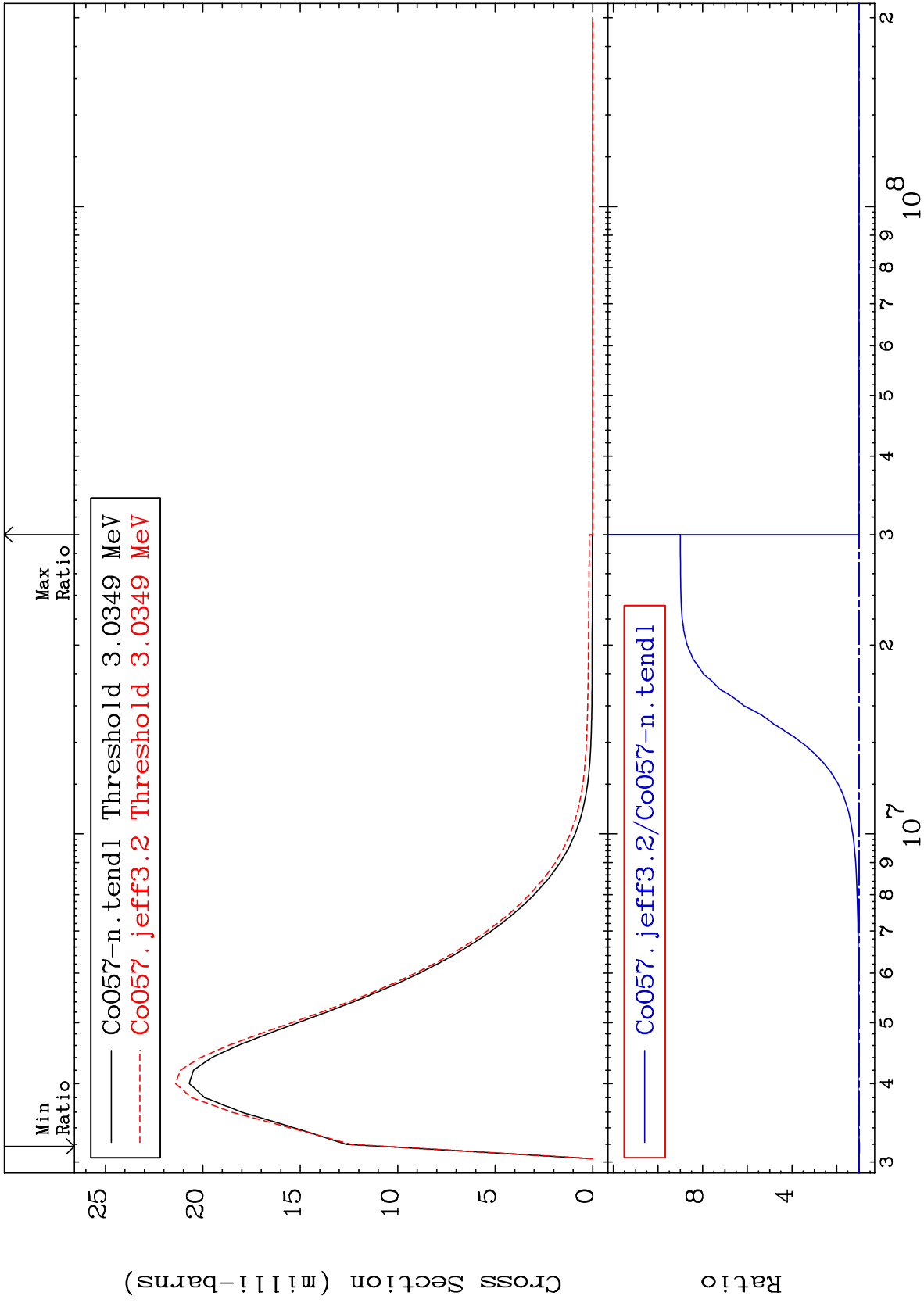


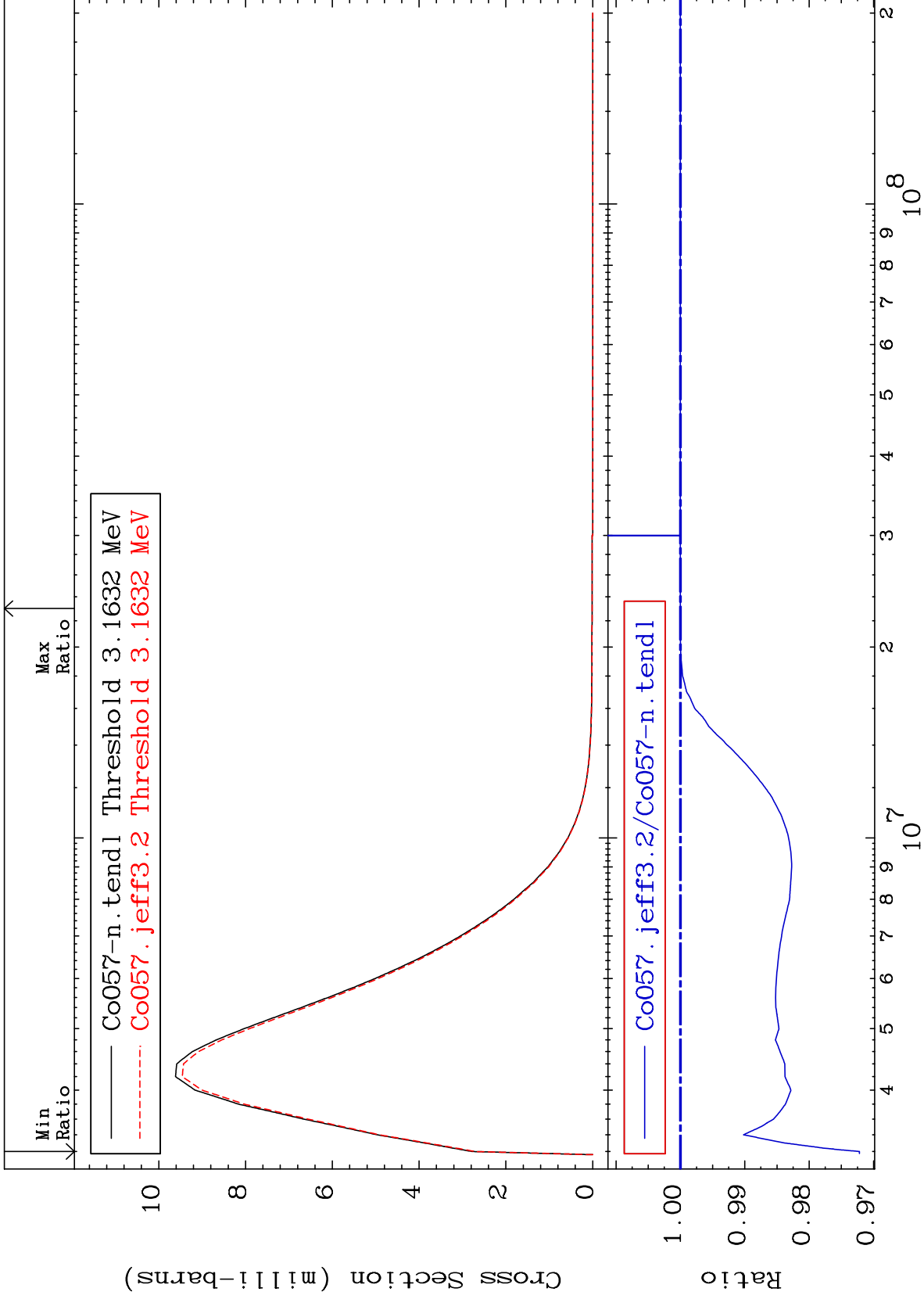
40

Incident Energy (eV)

27-Co-57



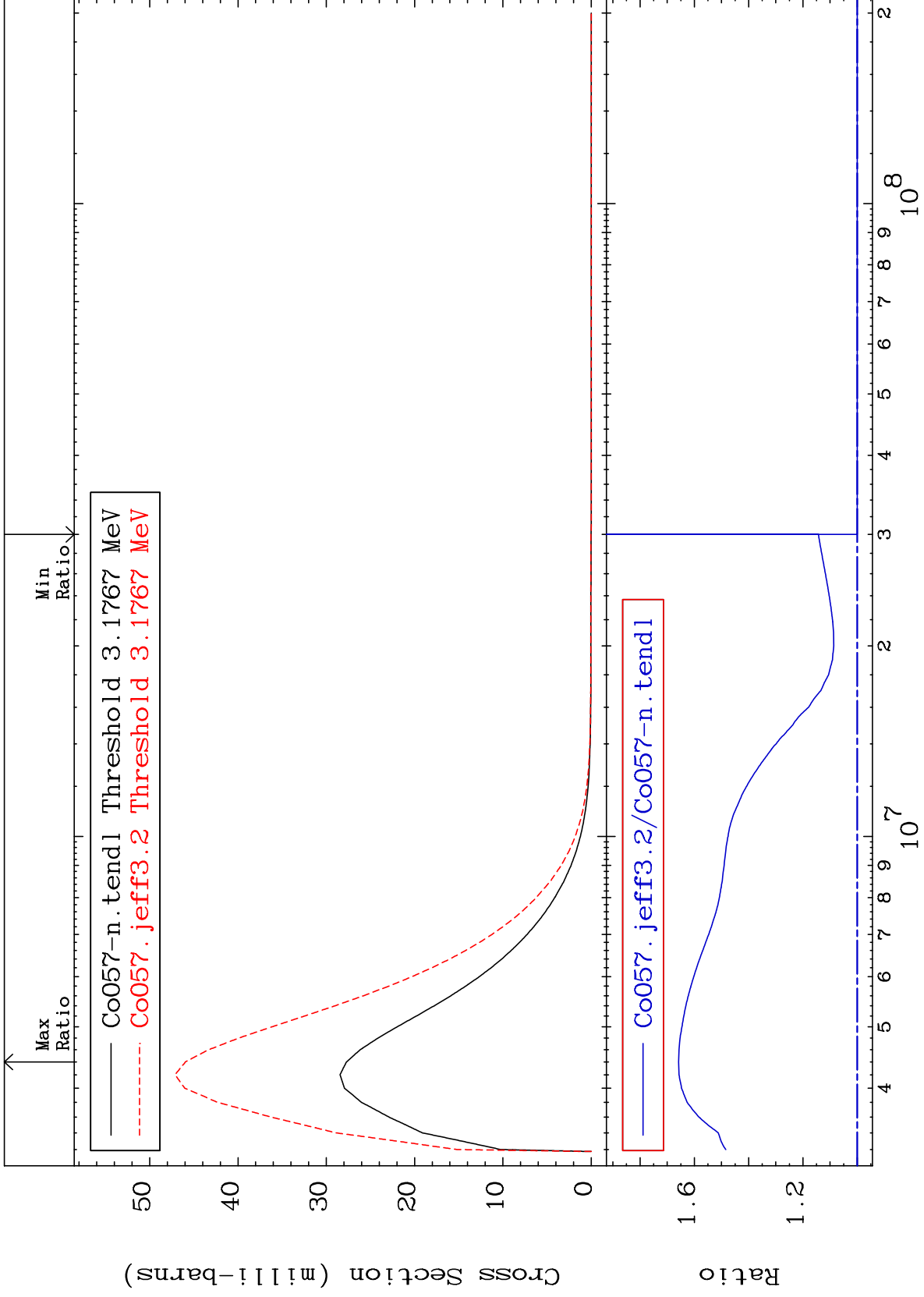




MAT 2719

3.121 MeV (n,n') Level  
Cross Section

27-Co-57  
0.000 To 65.79 %

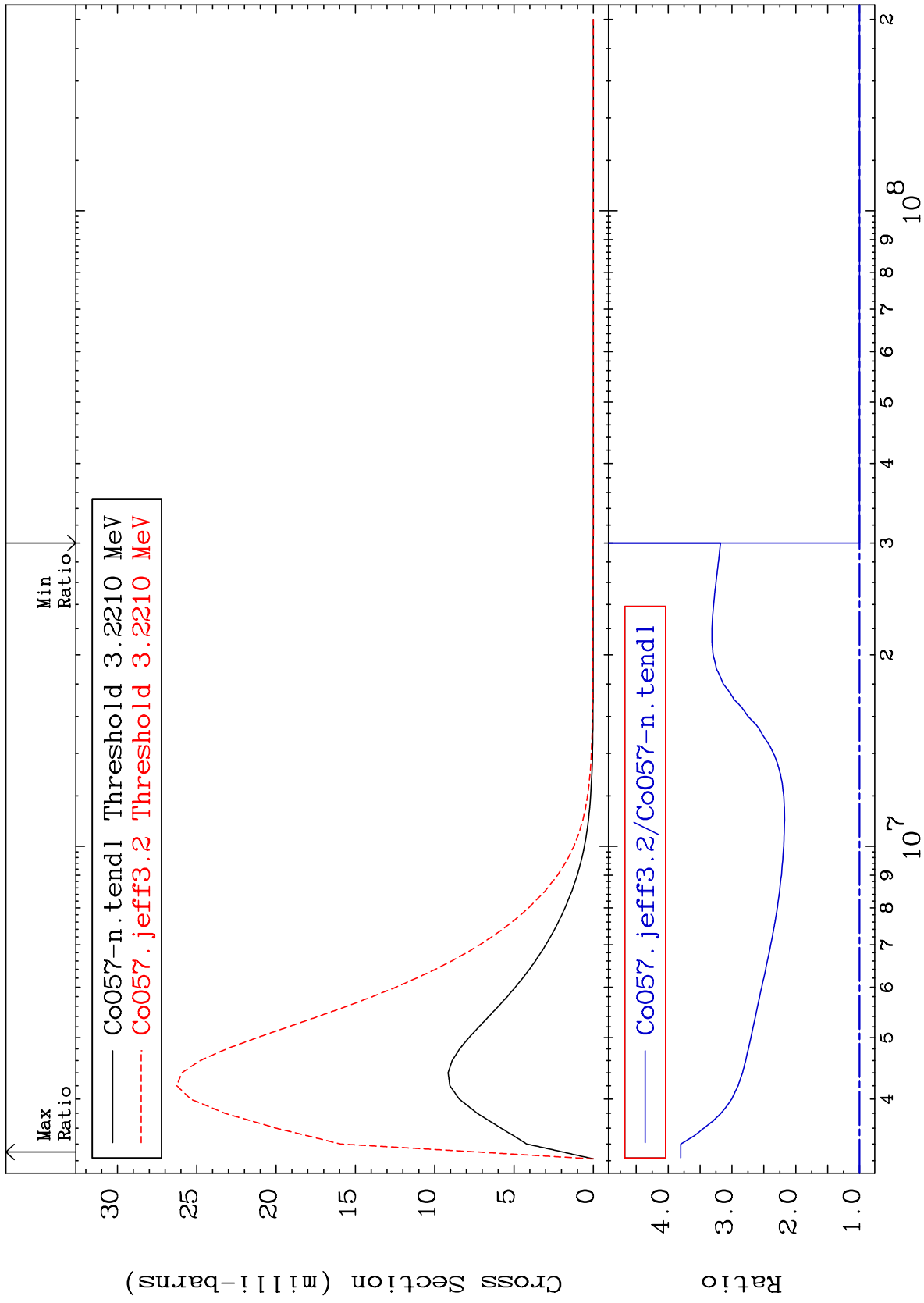


43

Incident Energy (eV)

27-Co-57

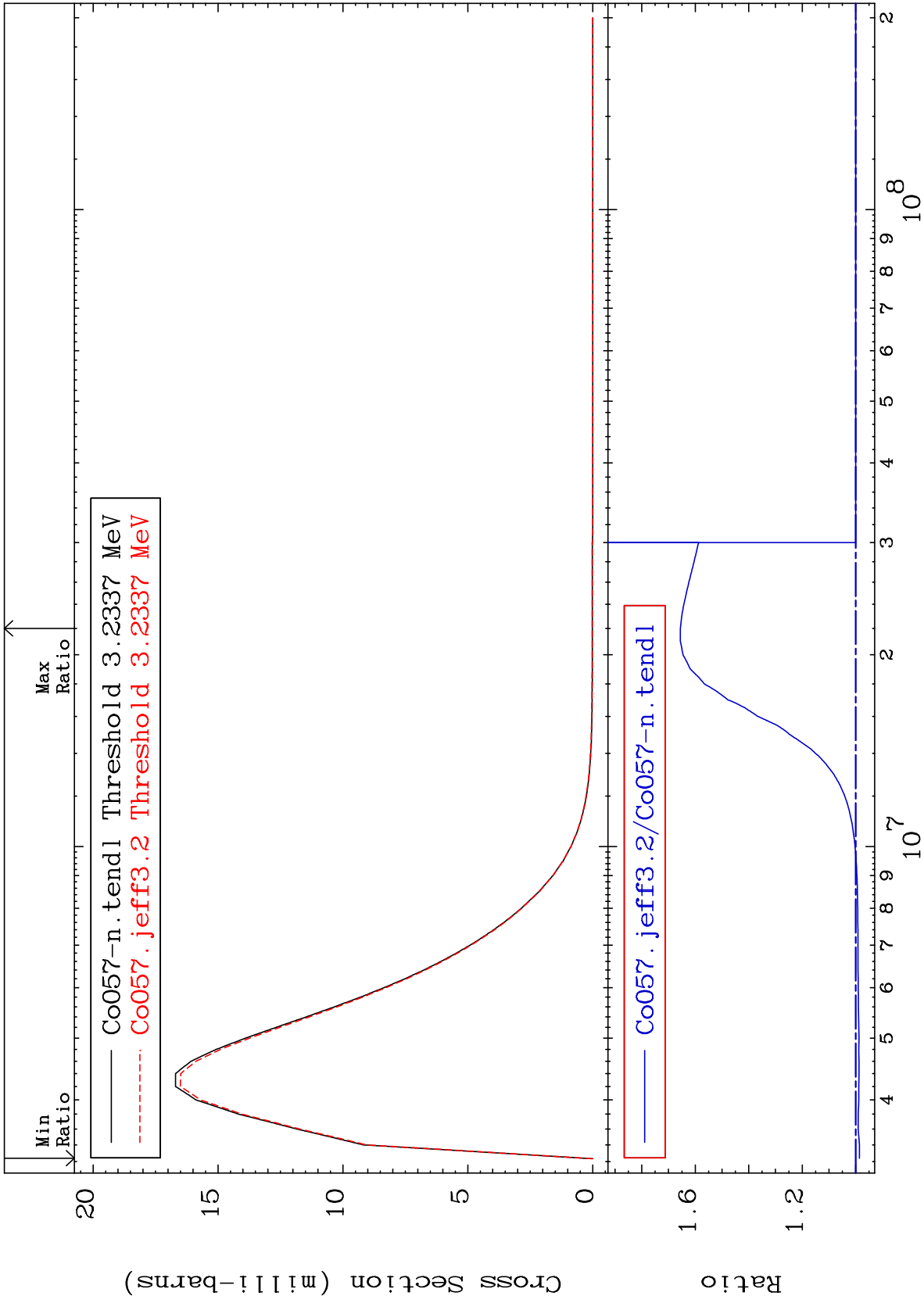
MAT 2719      3.165 MeV (n,n') Level Cross Section      27-Co-57  
 0.000 To 280.2 %



MAT 2719

3.177 MeV (n,n') Level  
Cross Section

27-Co-57  
-1.387 To 65.57 %



45

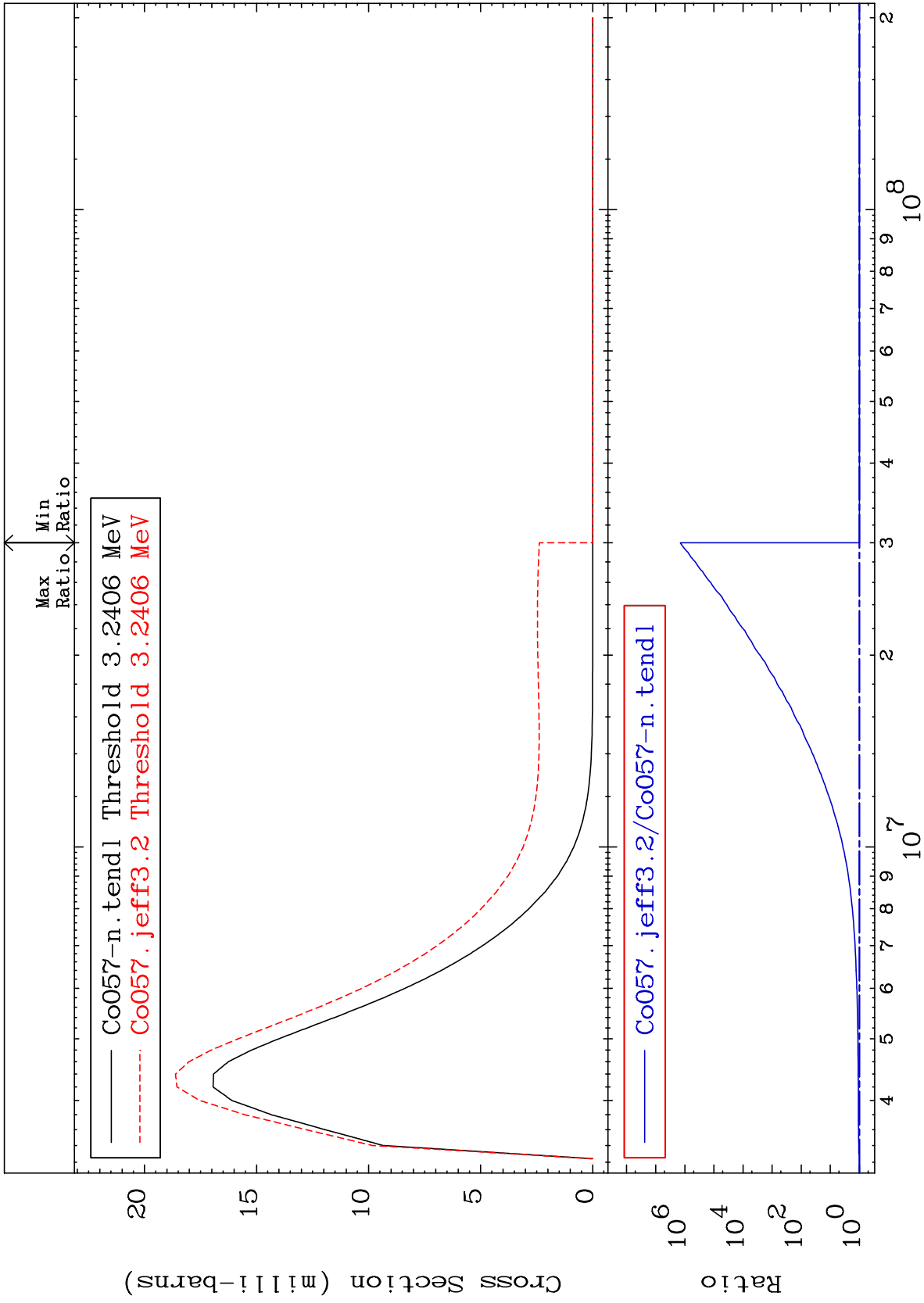
Incident Energy (eV)

27-Co-57

MAT 2719

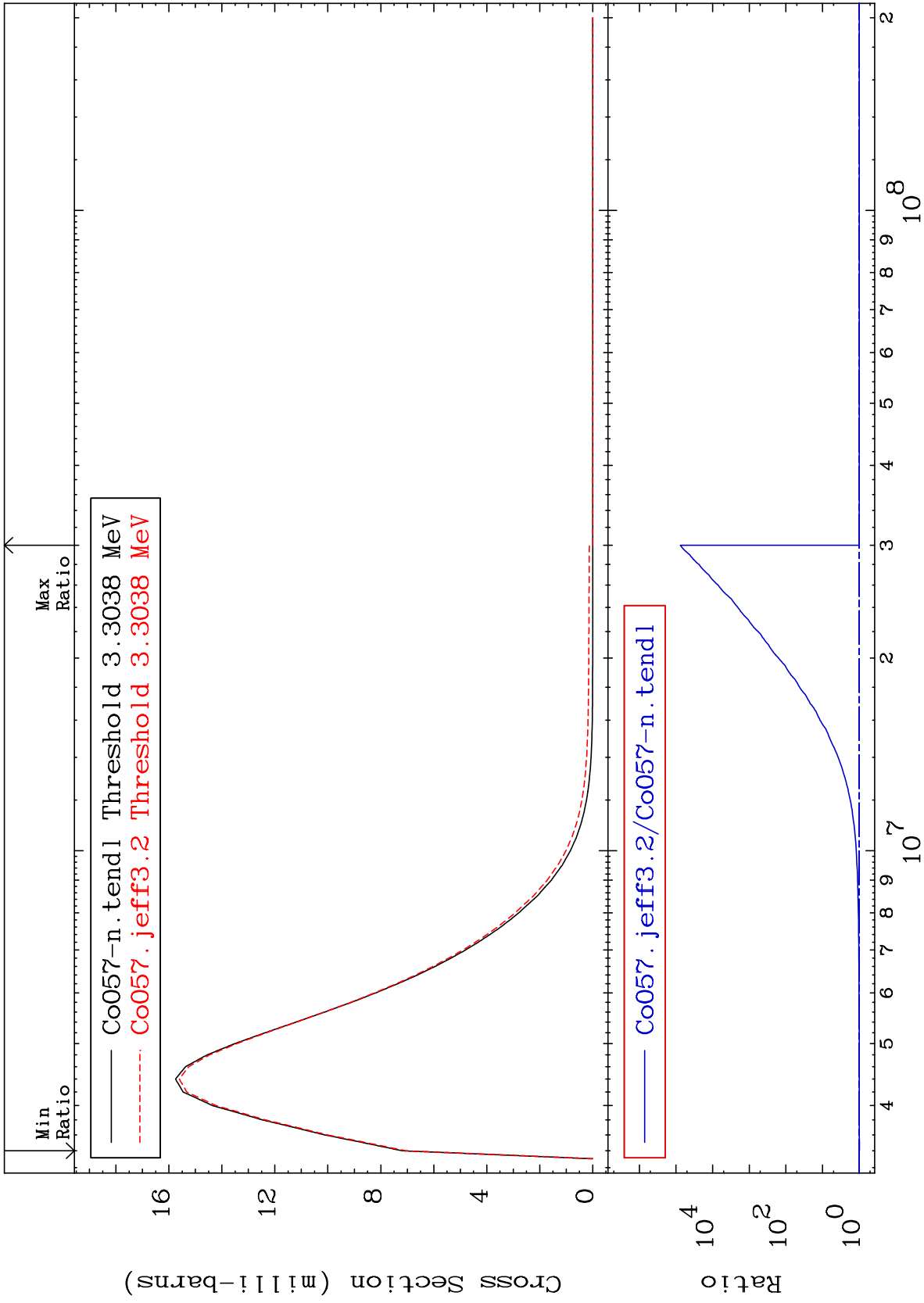
3.184 MeV (n,n') Level  
Cross Section

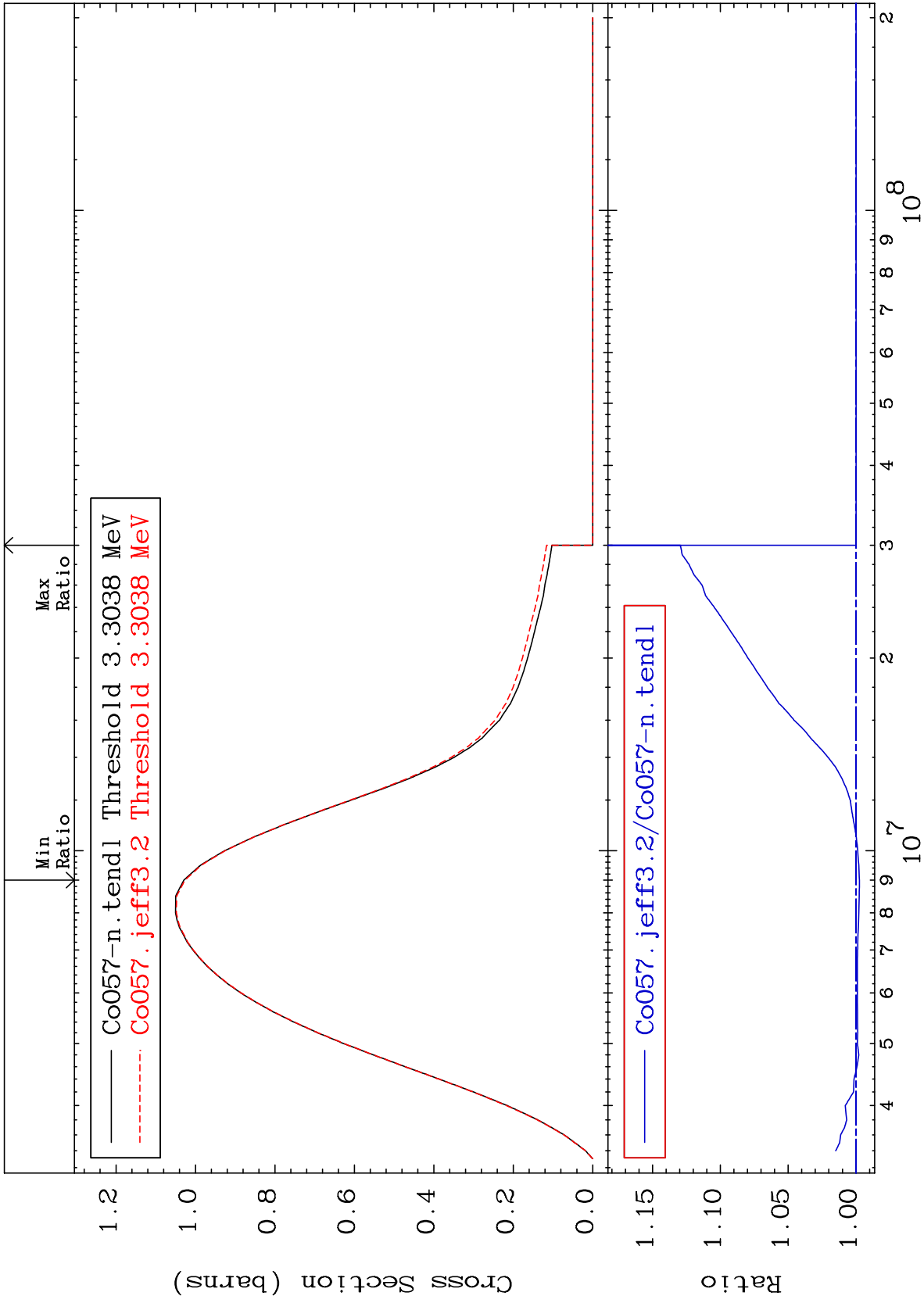
27-Co-57  
0.000 To 9999. %



46

27-Co-57

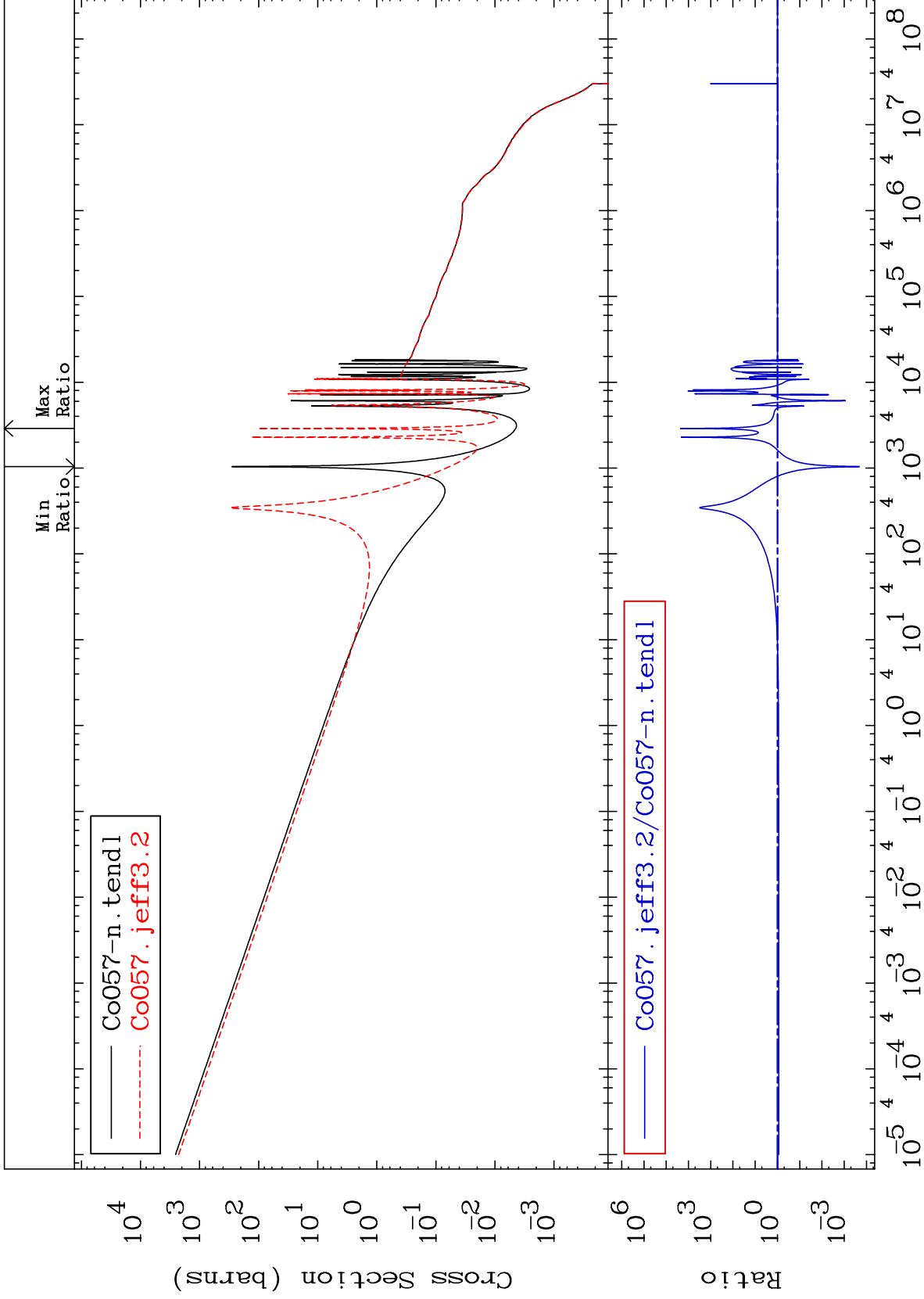






Cross Section

-99.98 To 9999. %



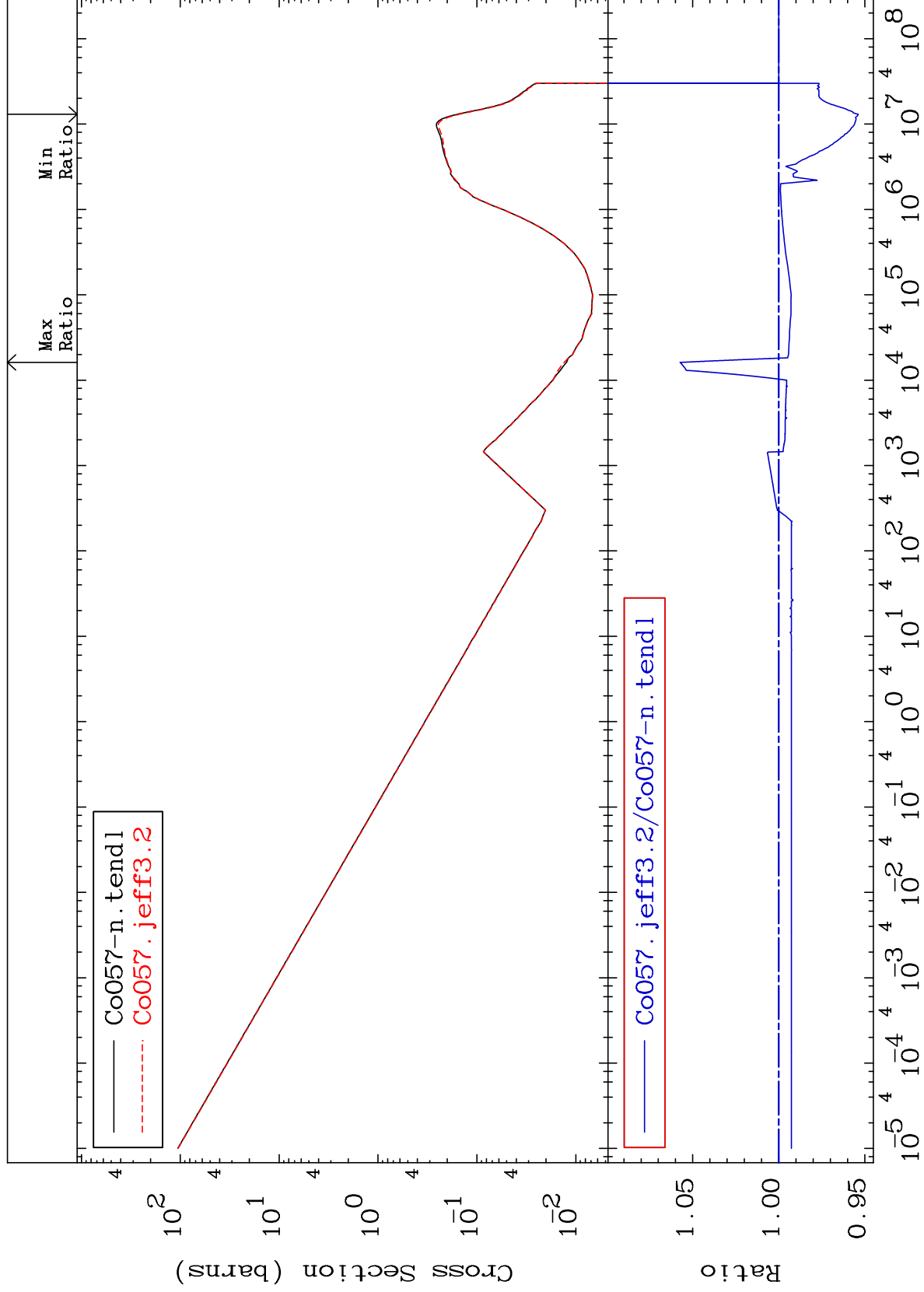
MAT 2719

(n, p)

27-Co-57

Cross Section

-4.612 To 5.738 %



50

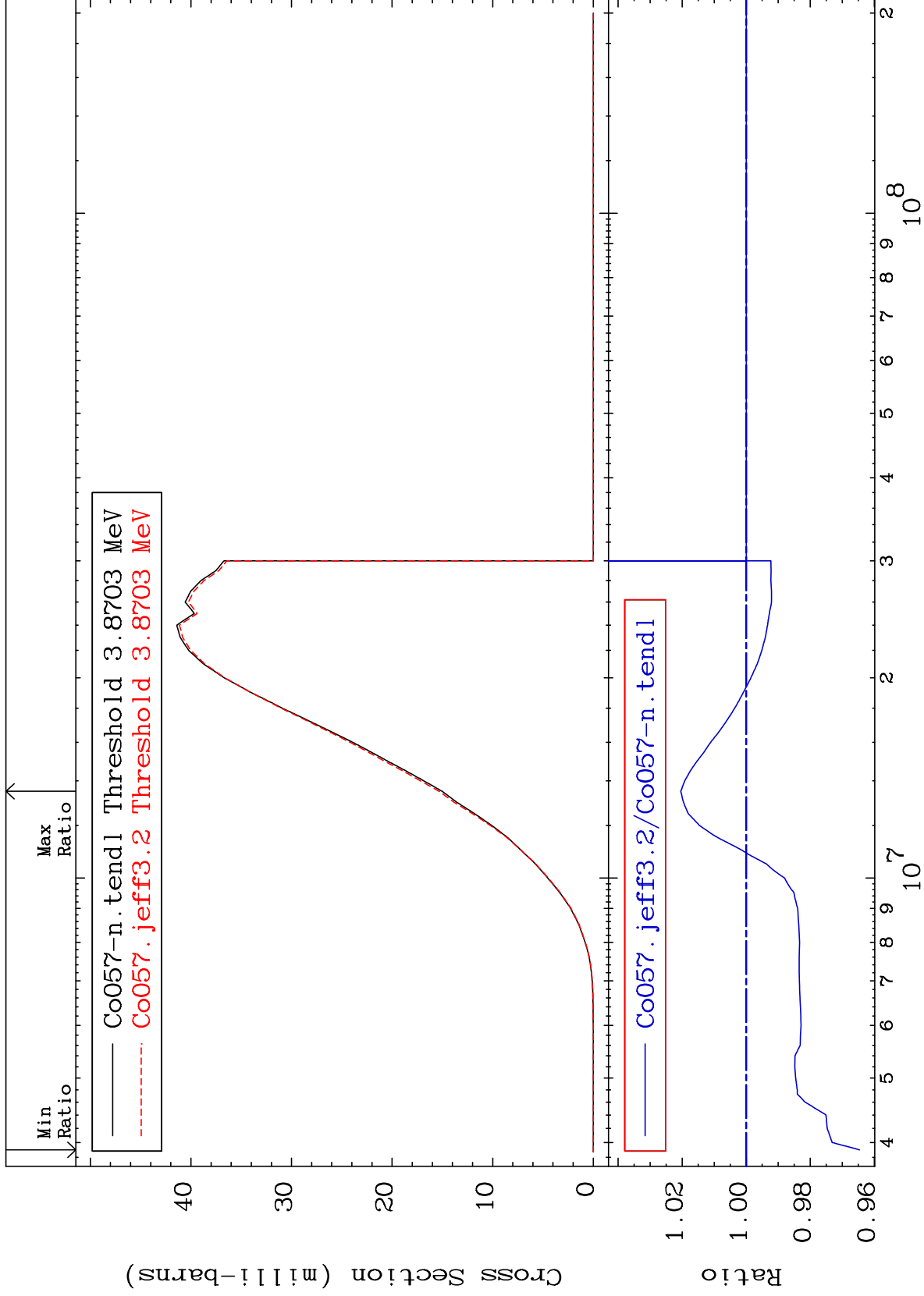
Incident Energy (eV)

27-Co-57

MAT 2719

(n, d)  
Cross Section

27-Co-57  
-3.540 To 2.044 %



51

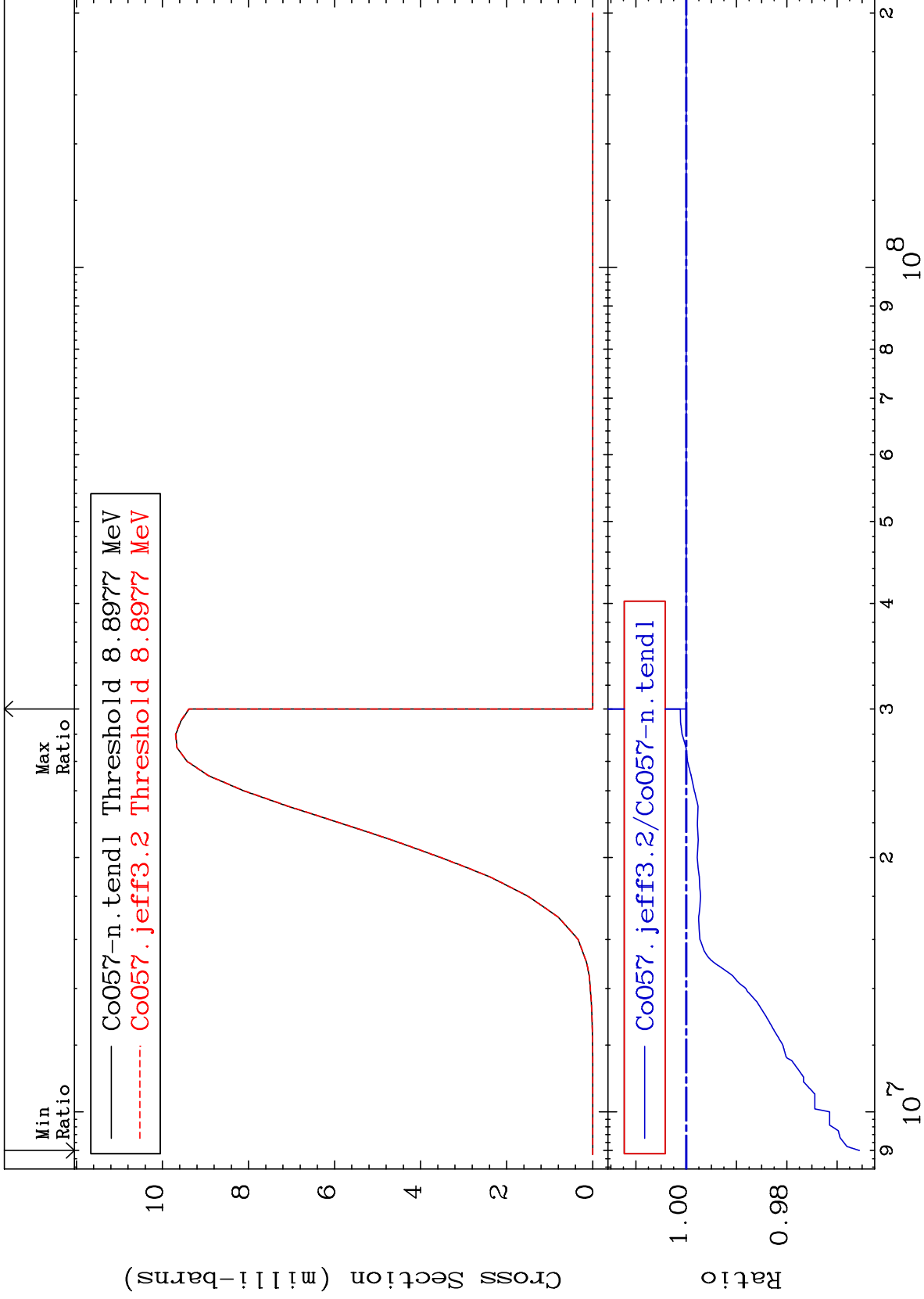
27-Co-57

27-Co-57

MAT 2719

(n, t)  
Cross Section

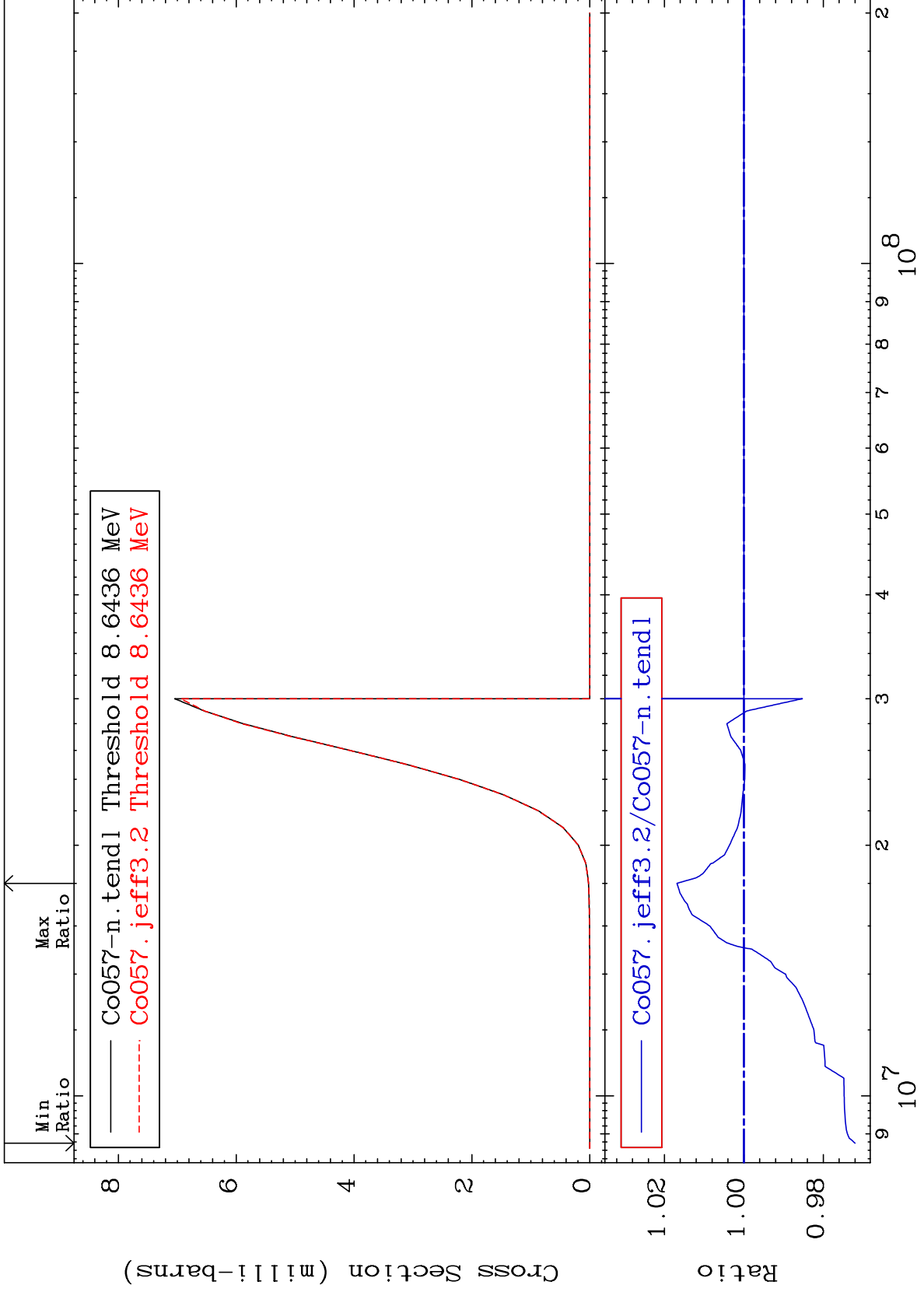
27-Co-57  
-3.445 To 0.116 %



52

Incident Energy (eV)

27-Co-57



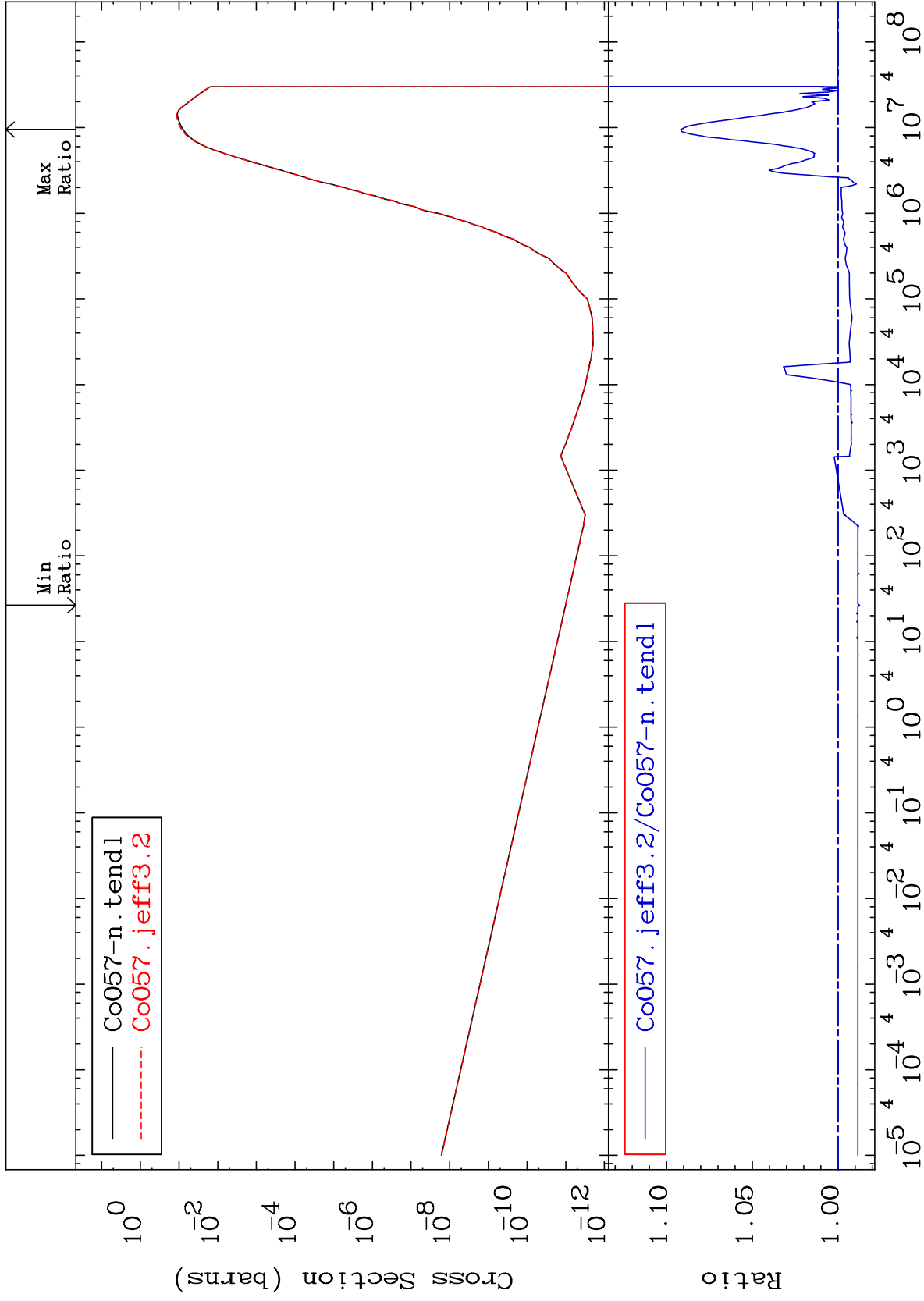
MAT 2719

(n,  $\alpha$ )

27-Co-57

Cross Section

-1.258 To 9.168 %



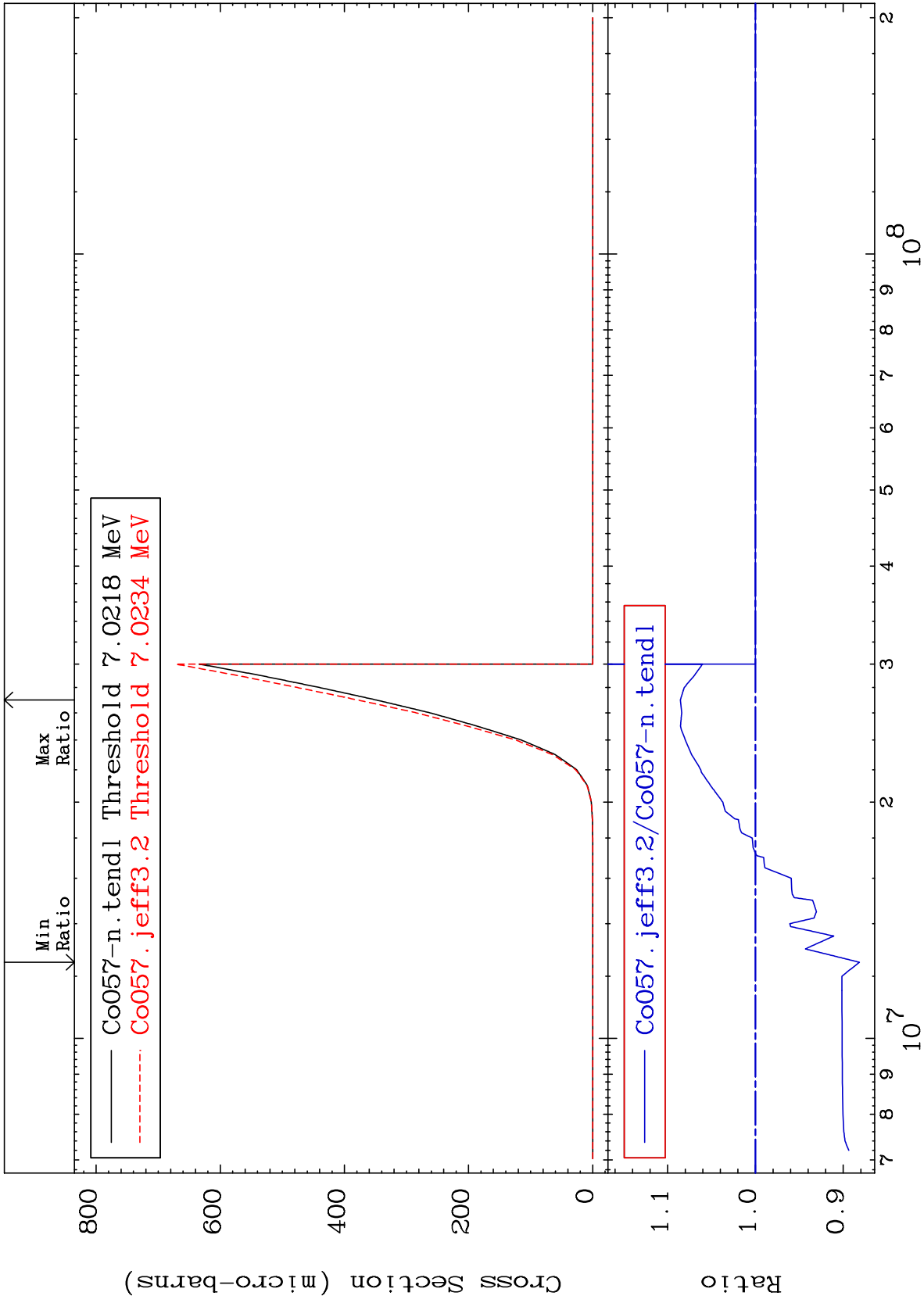
MAT 2719

(n,2α)

27-Co-57

Cross Section

-11.84 To 8.554 %



55

Incident Energy (eV)

27-Co-57

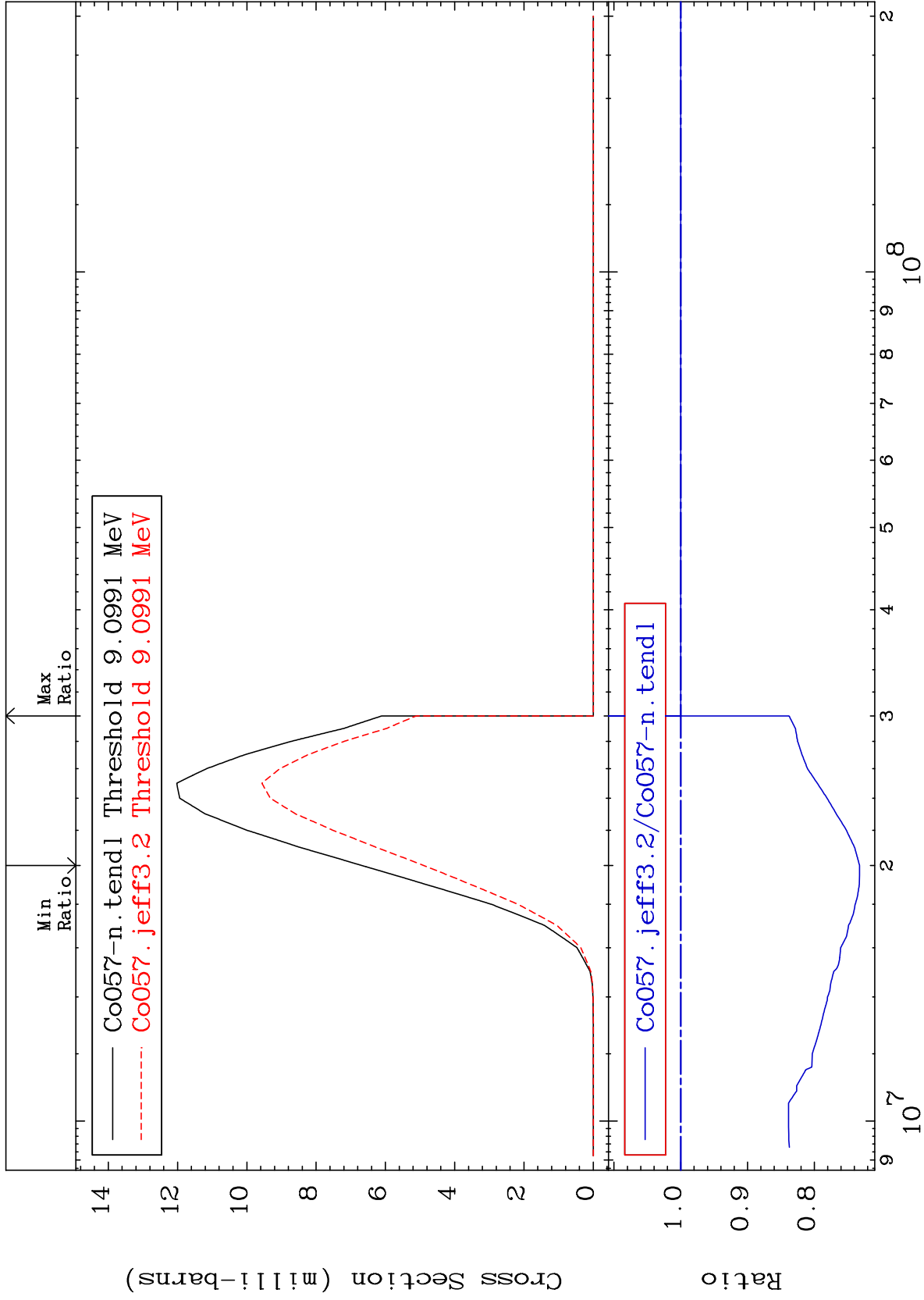
MAT 2719

(n,2p)

<sup>27</sup>Co-57

Cross Section

-26.77 To 0.000 %



56

Incident Energy (eV)

<sup>27</sup>Co-57



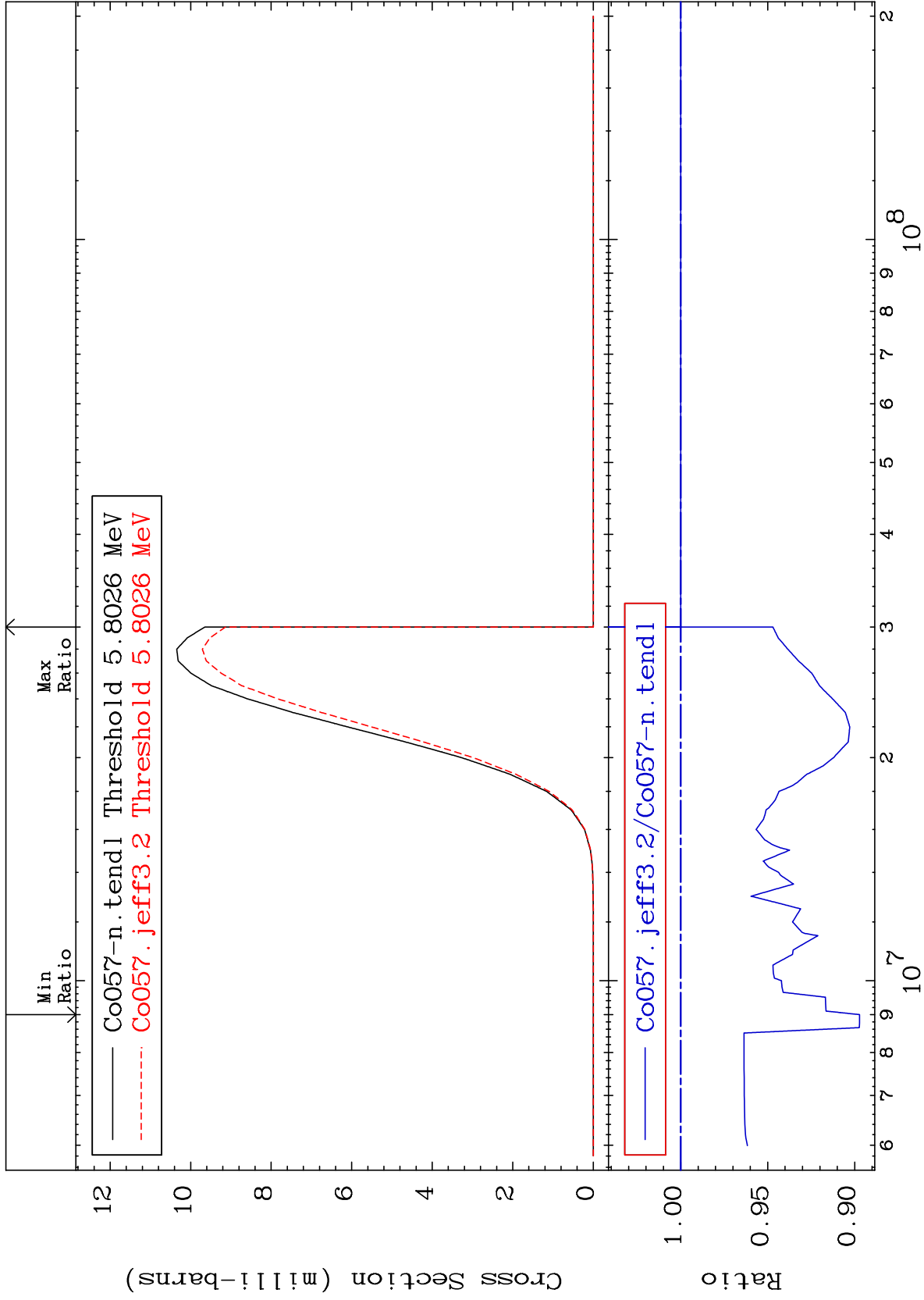
MAT 2719

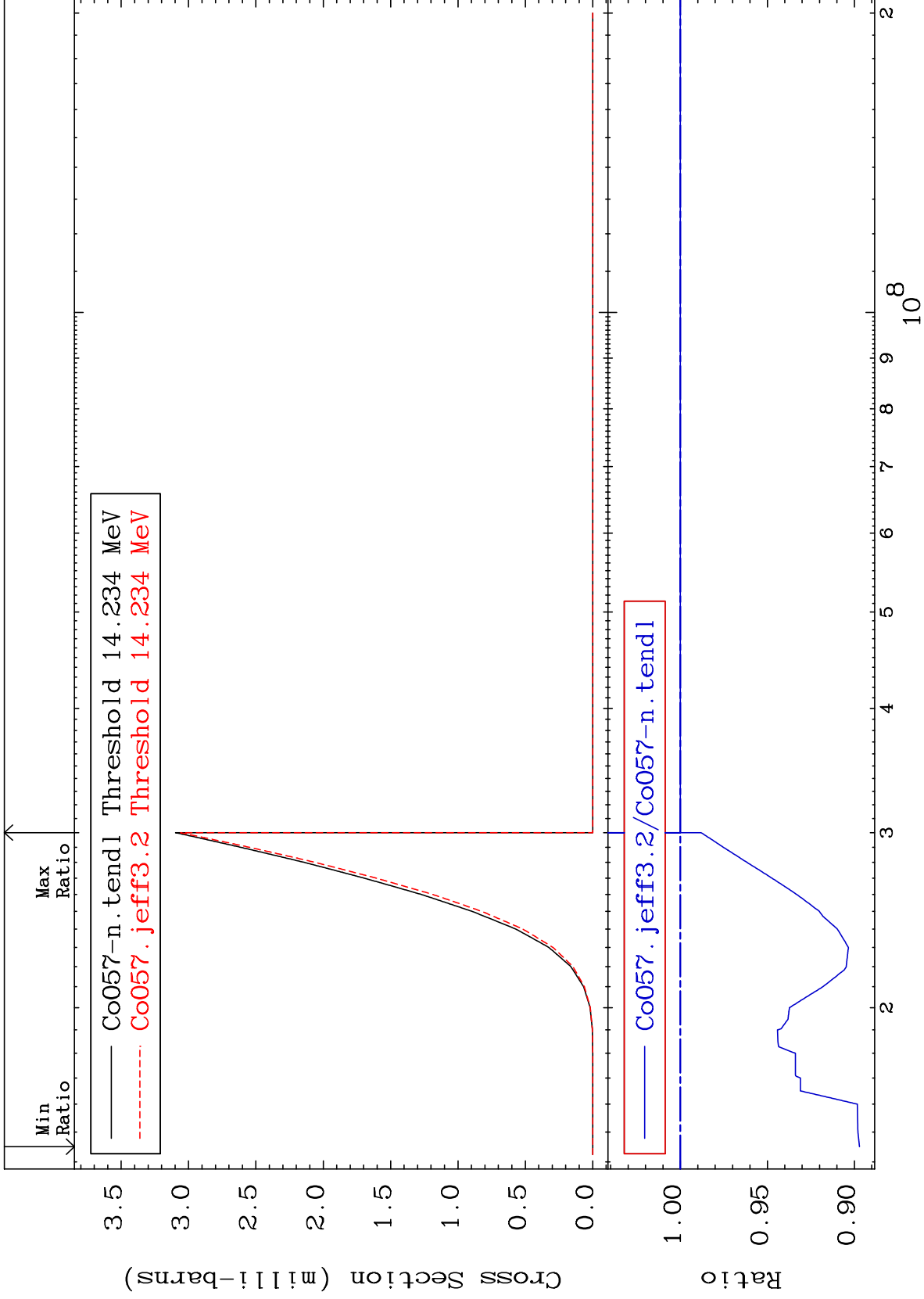
(n, p)  $\alpha$

<sup>27</sup>Co-57

Cross Section

-10.28 To 0.000 %







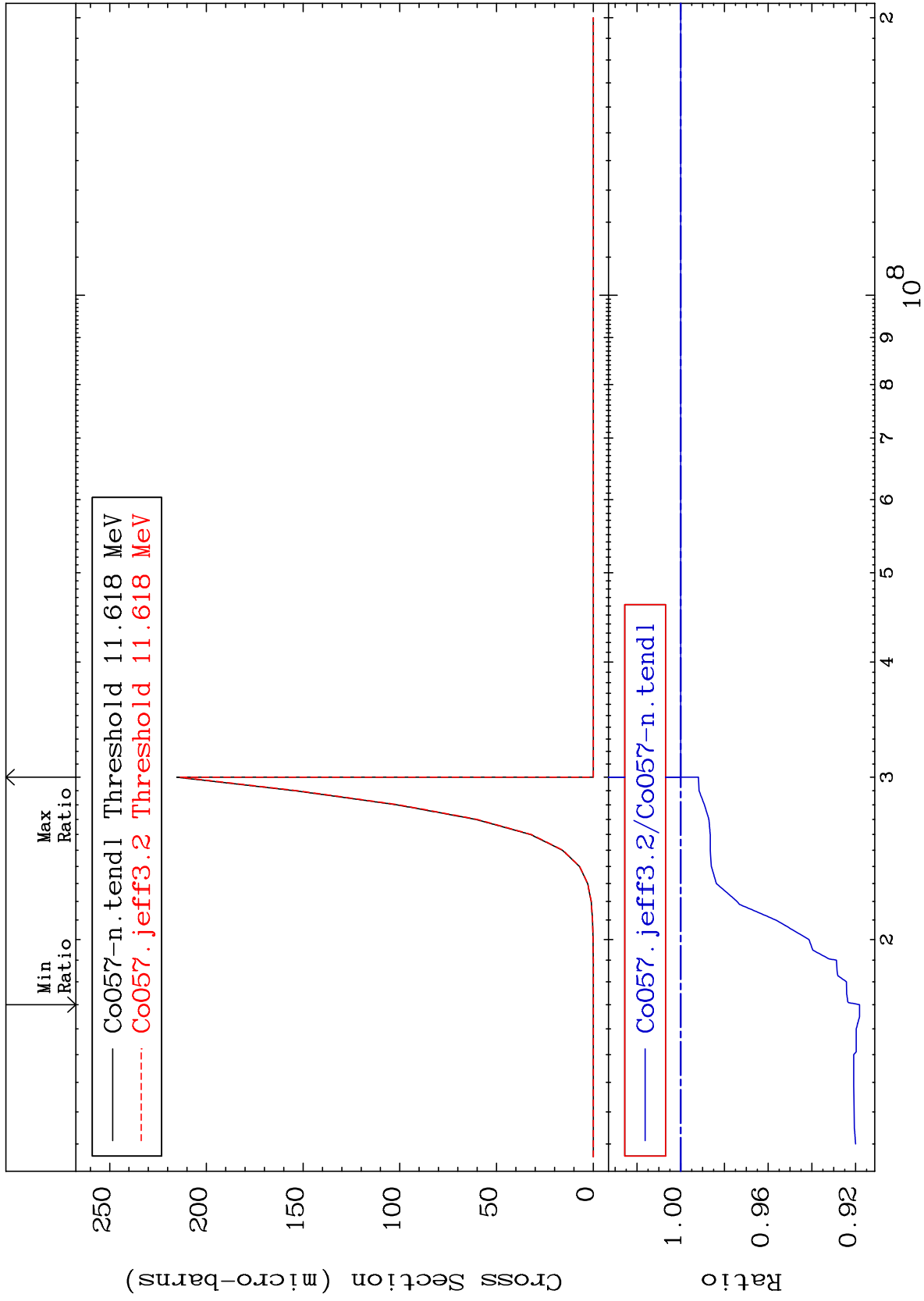
MAT 2719

(n, d)  $\alpha$

<sup>27</sup>Co-57

Cross Section

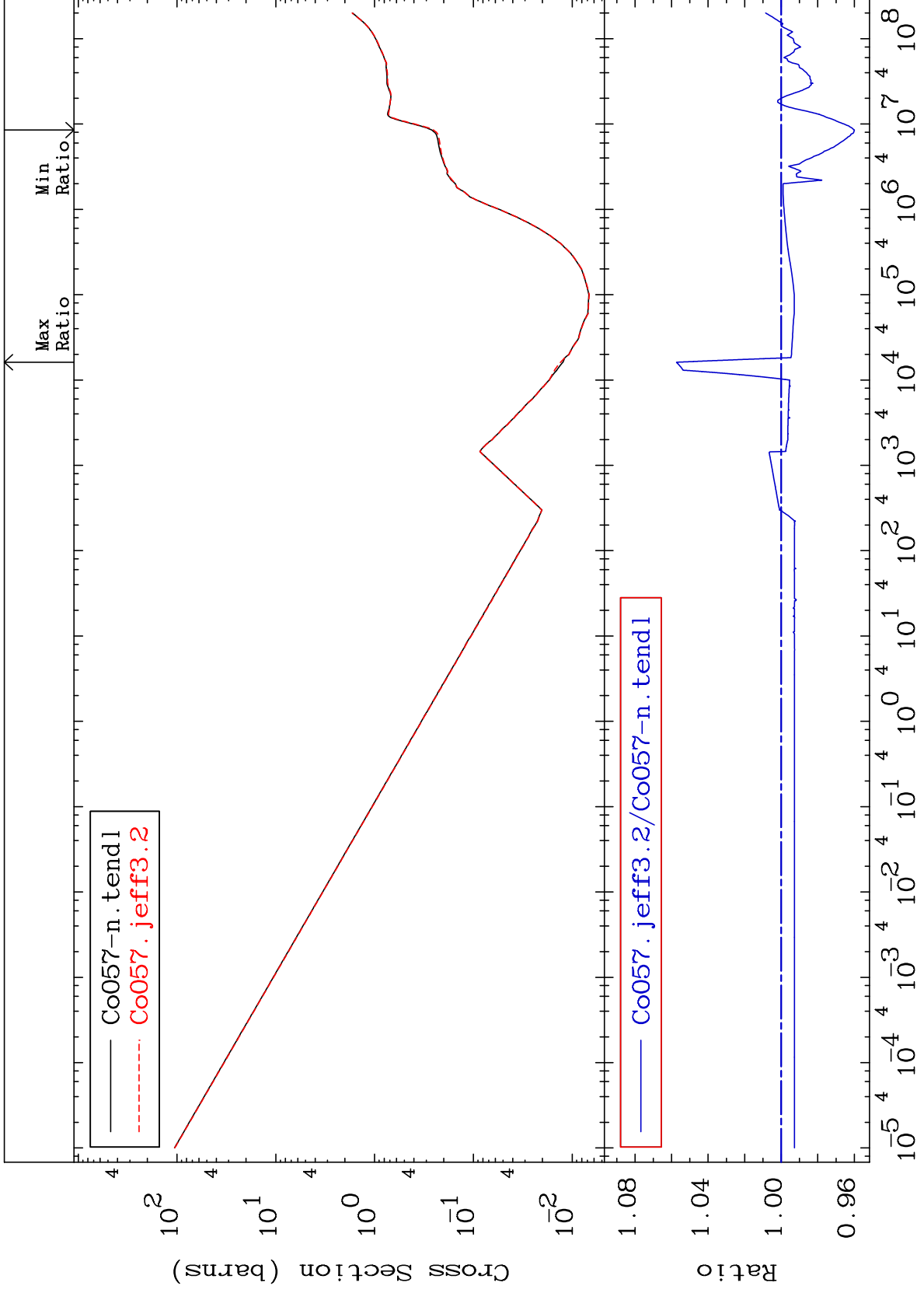
-8.180 To 0.000 %



60

Incident Energy (eV)

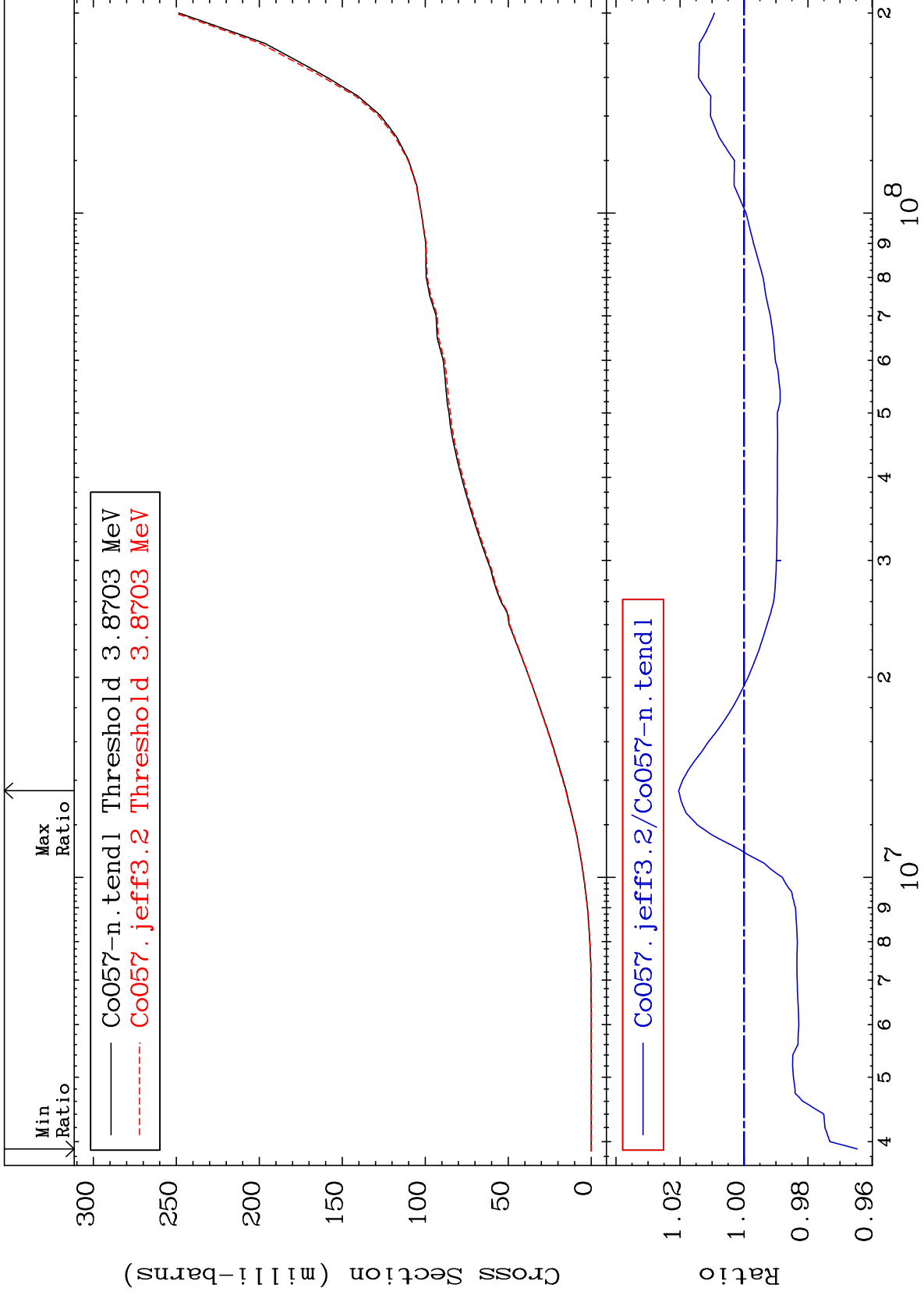
<sup>27</sup>Co-57



MAT 2719

Deuterium Production  
Cross Section

<sup>27</sup>Co-57  
-3.540 To 2.044 %



62

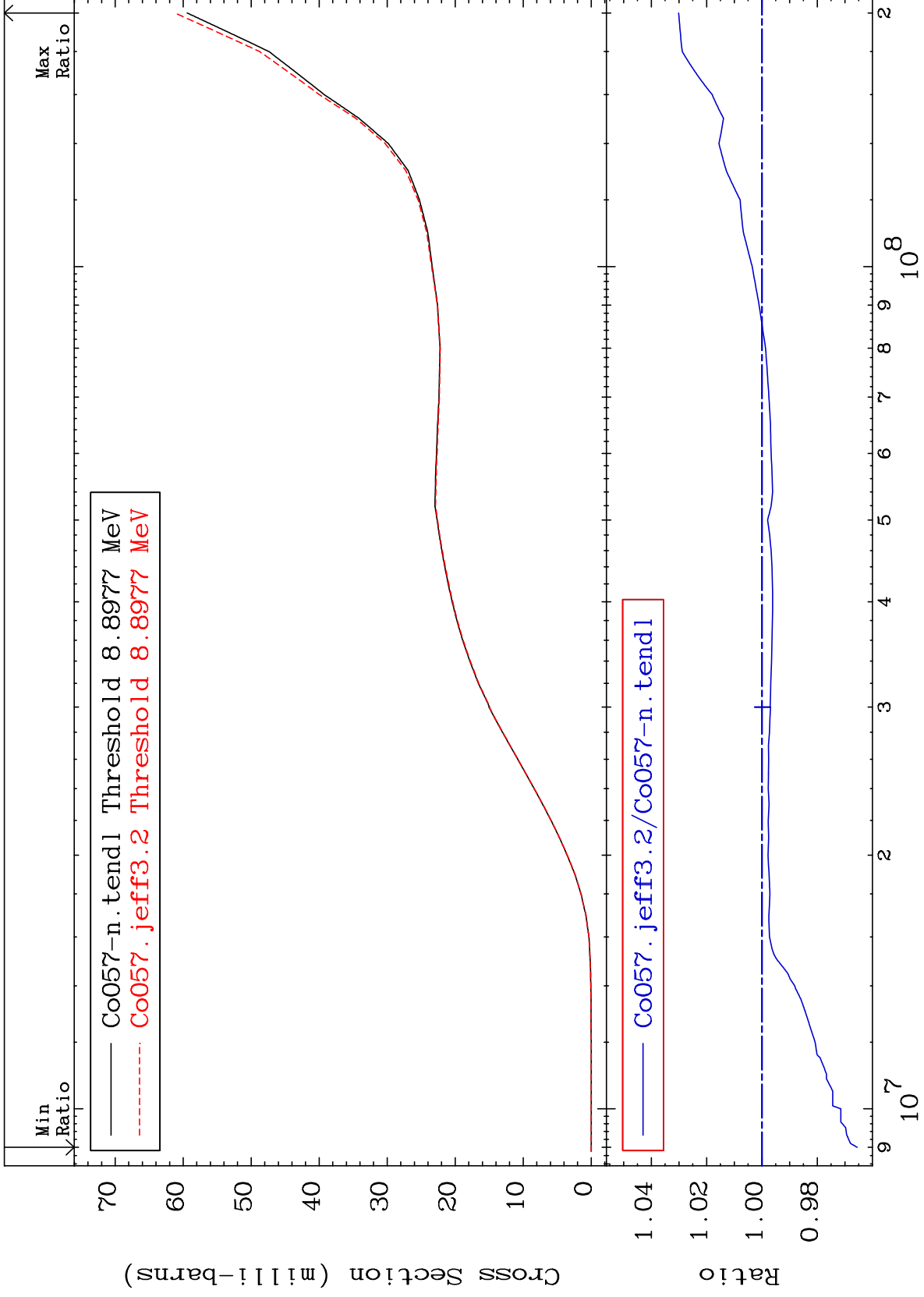
Incident Energy (eV)

<sup>27</sup>Co-57

MAT 2719

Tritium Production  
Cross Section

<sup>27</sup>Co-57  
-3.445 To 3.013 %



63

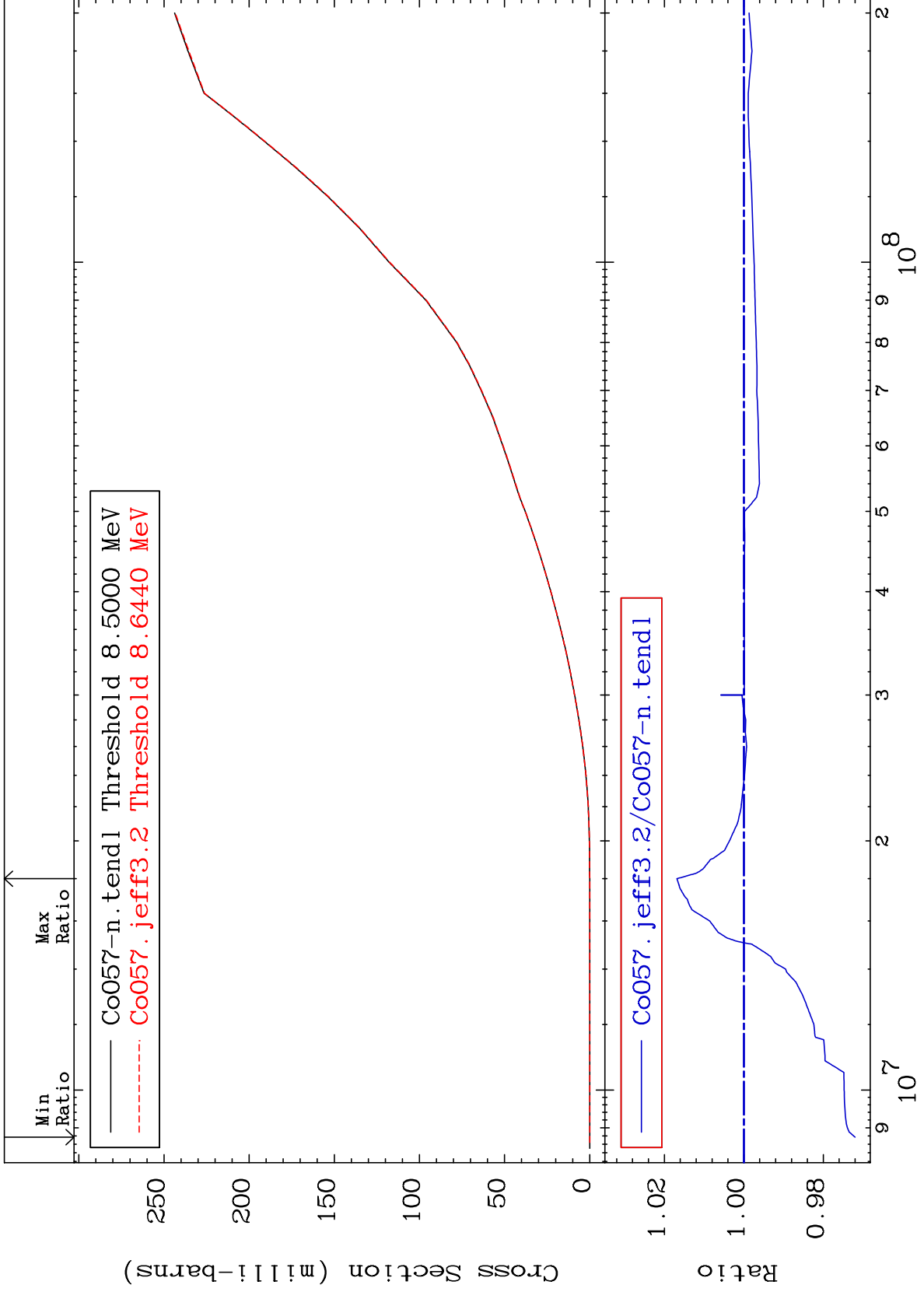
Incident Energy (eV)

<sup>27</sup>Co-57

MAT 2719

He-3 Production  
Cross Section

27-Co-57  
-2.799 To 1.684 %



64

Incident Energy (eV)

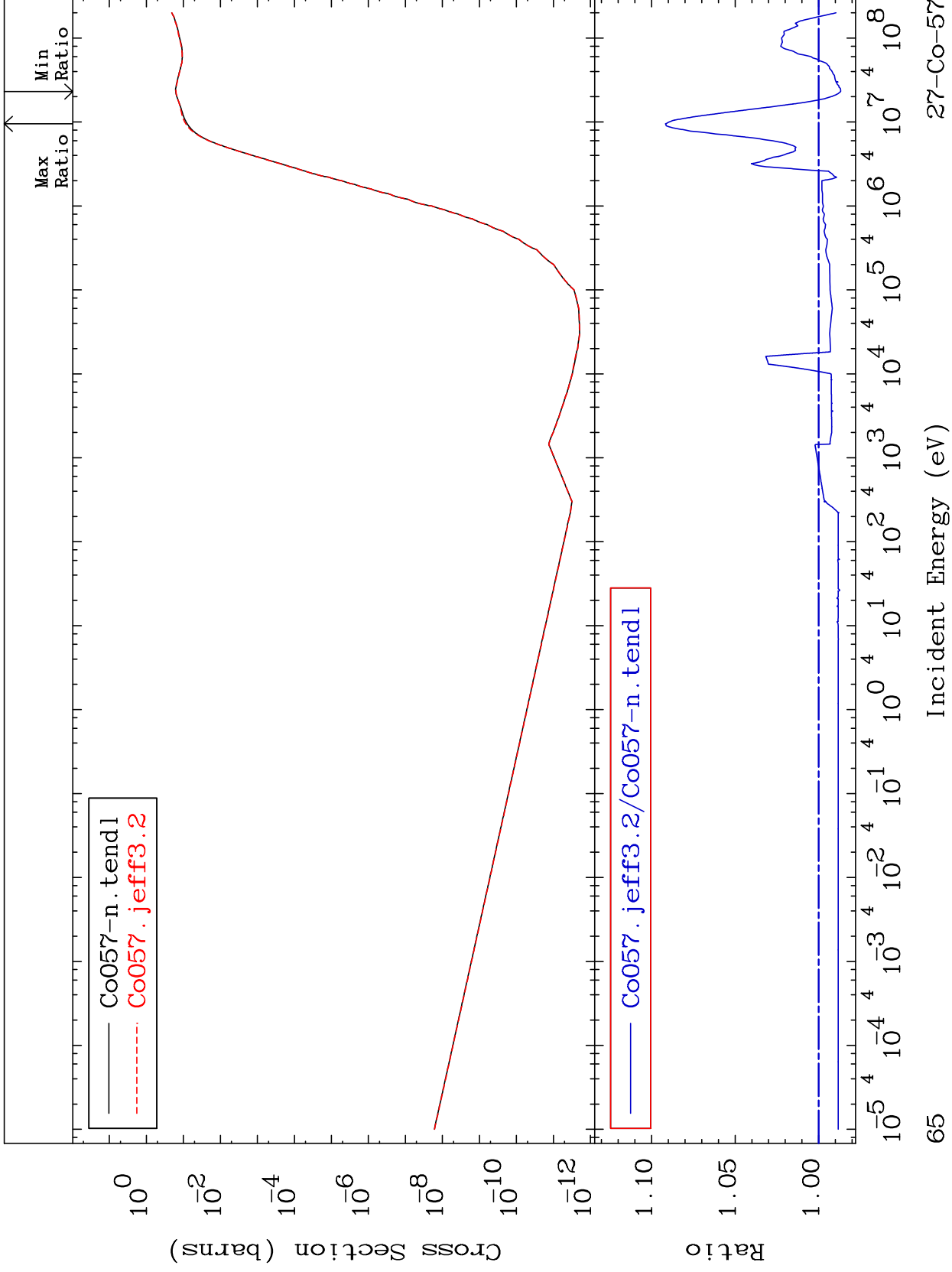
27-Co-57

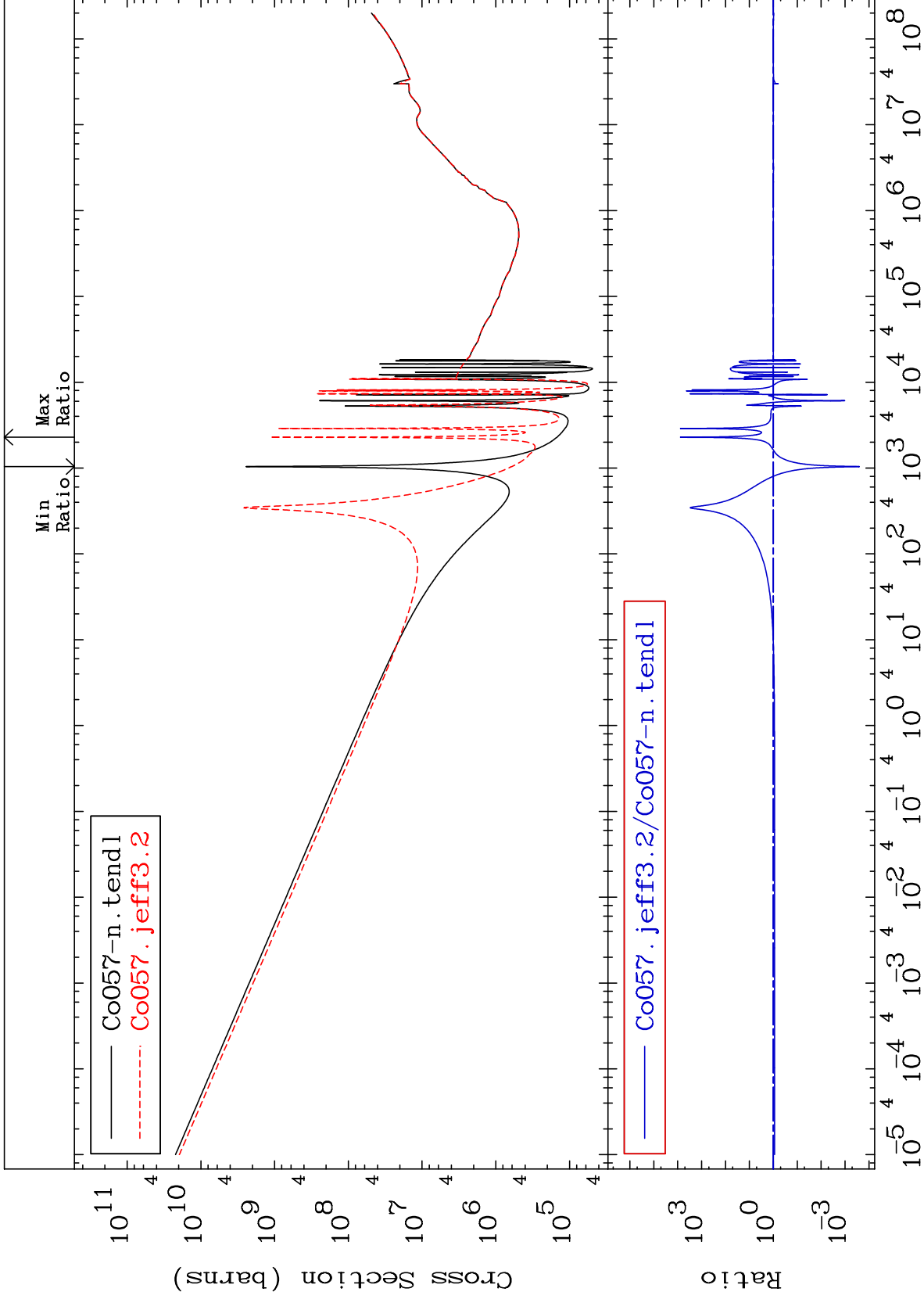


MAT 2719

He-4 Production  
Cross Section

27-Co-57  
-1.316 To 9.168 %

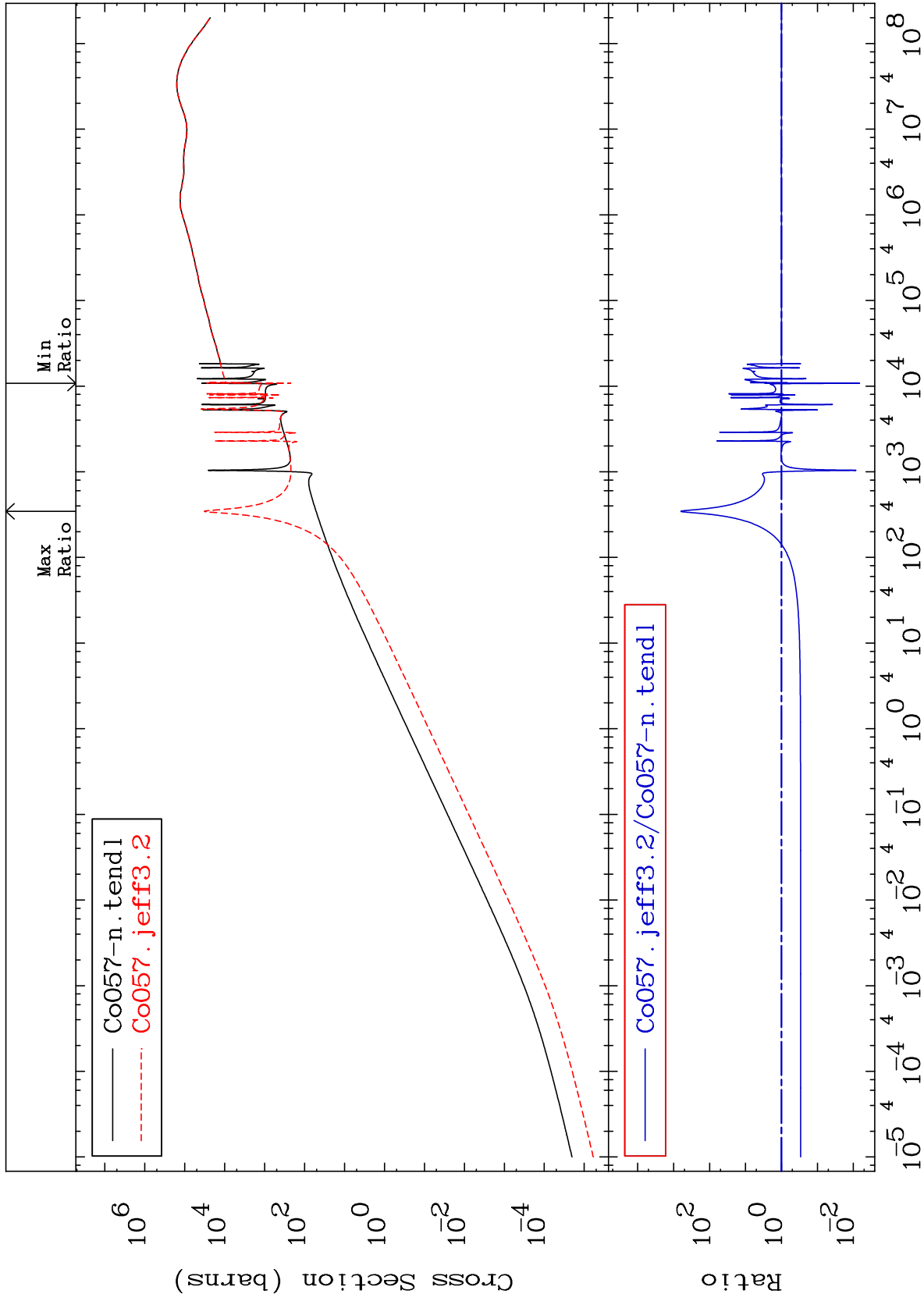




MAT 2719

Kerma elastic  
Cross Section

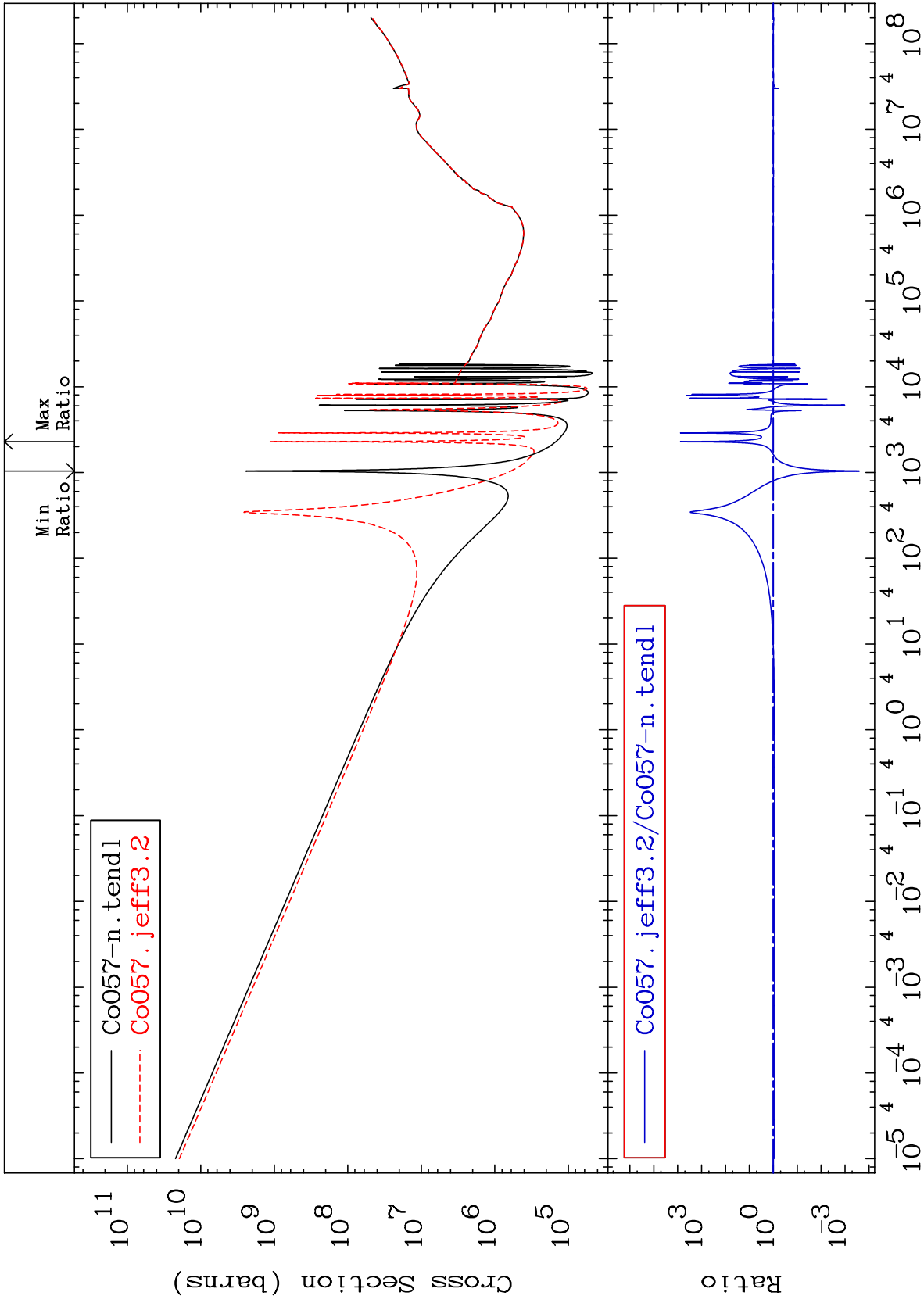
27-Co-57  
-99.33 To 9999. %

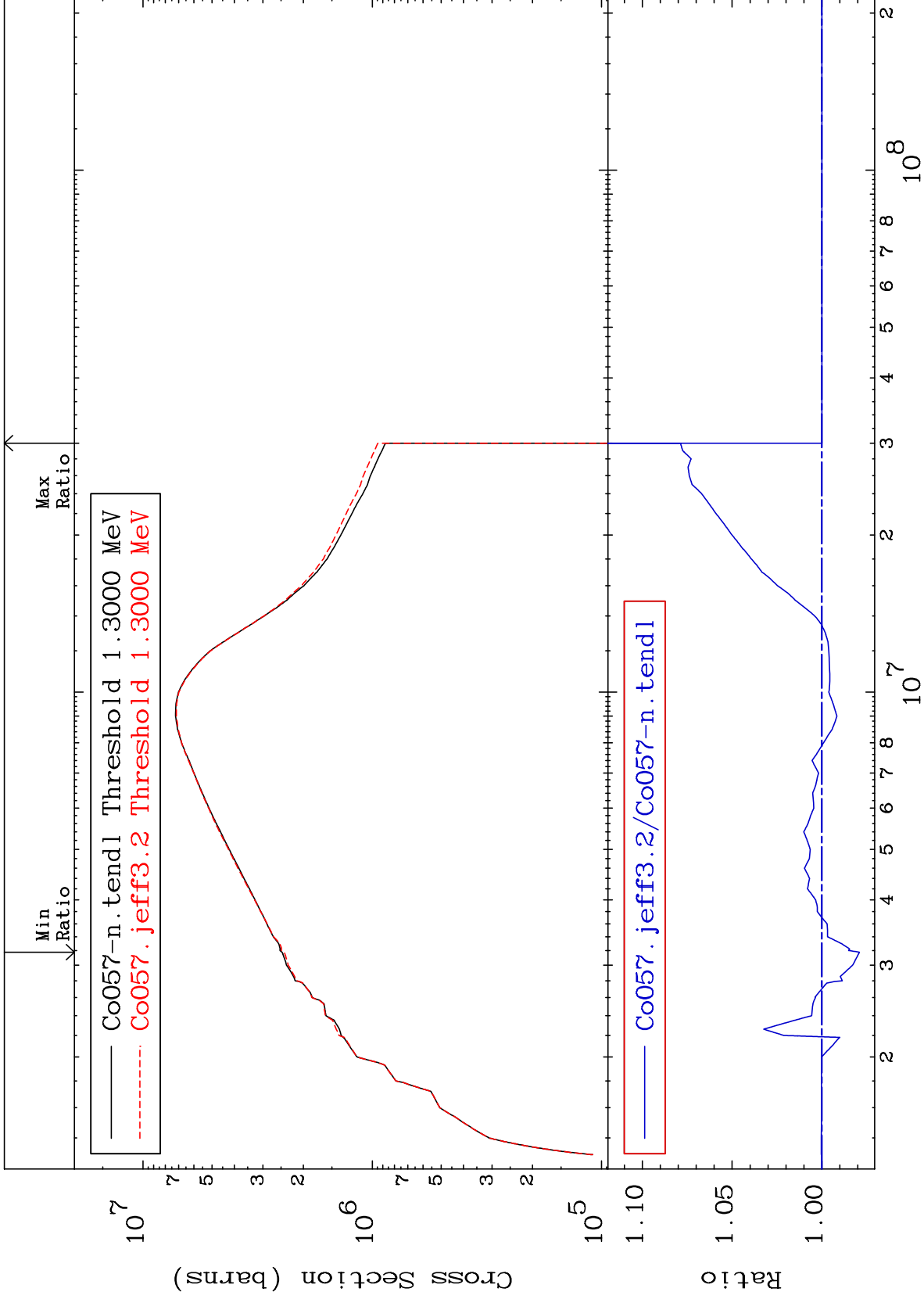


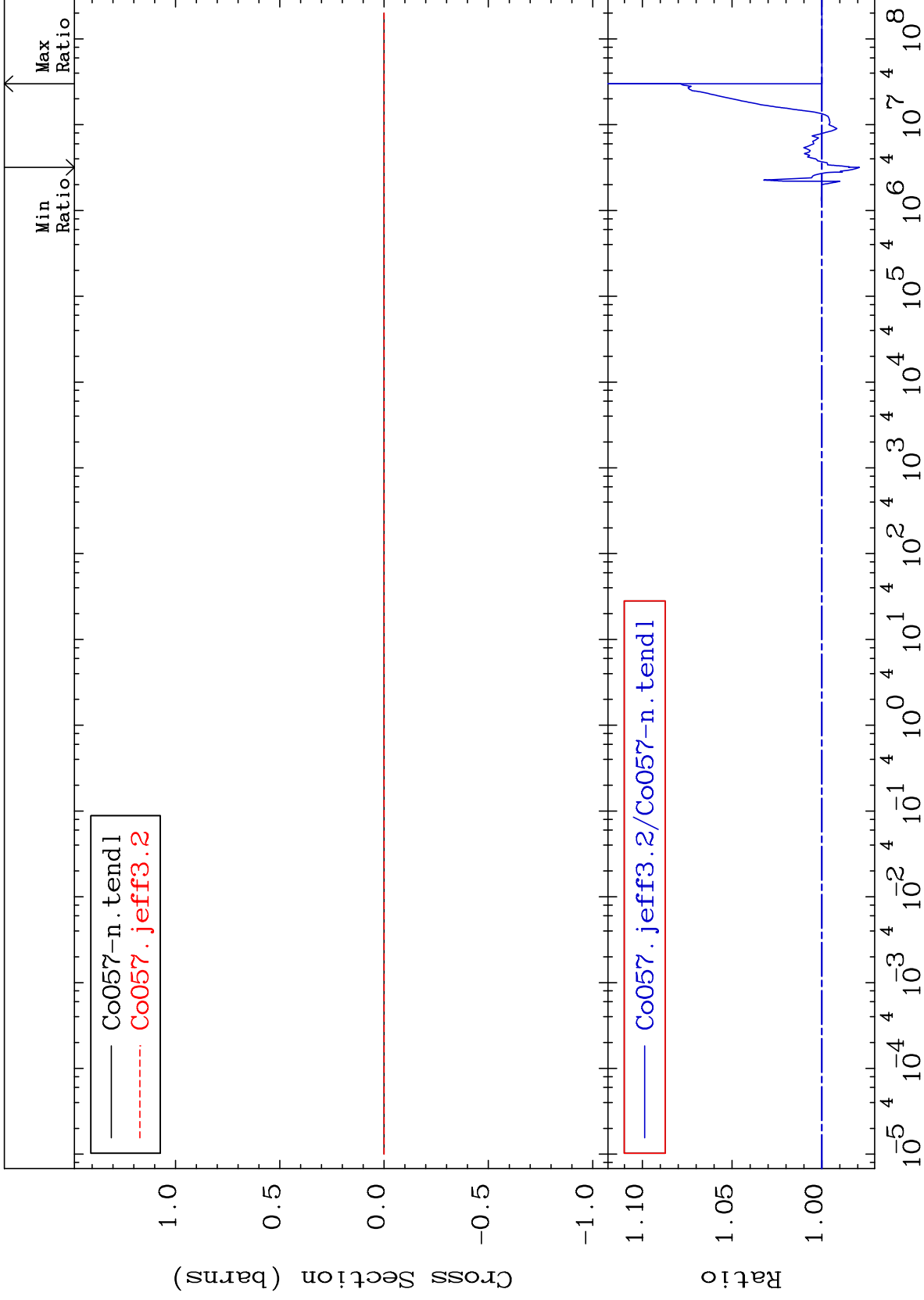
67

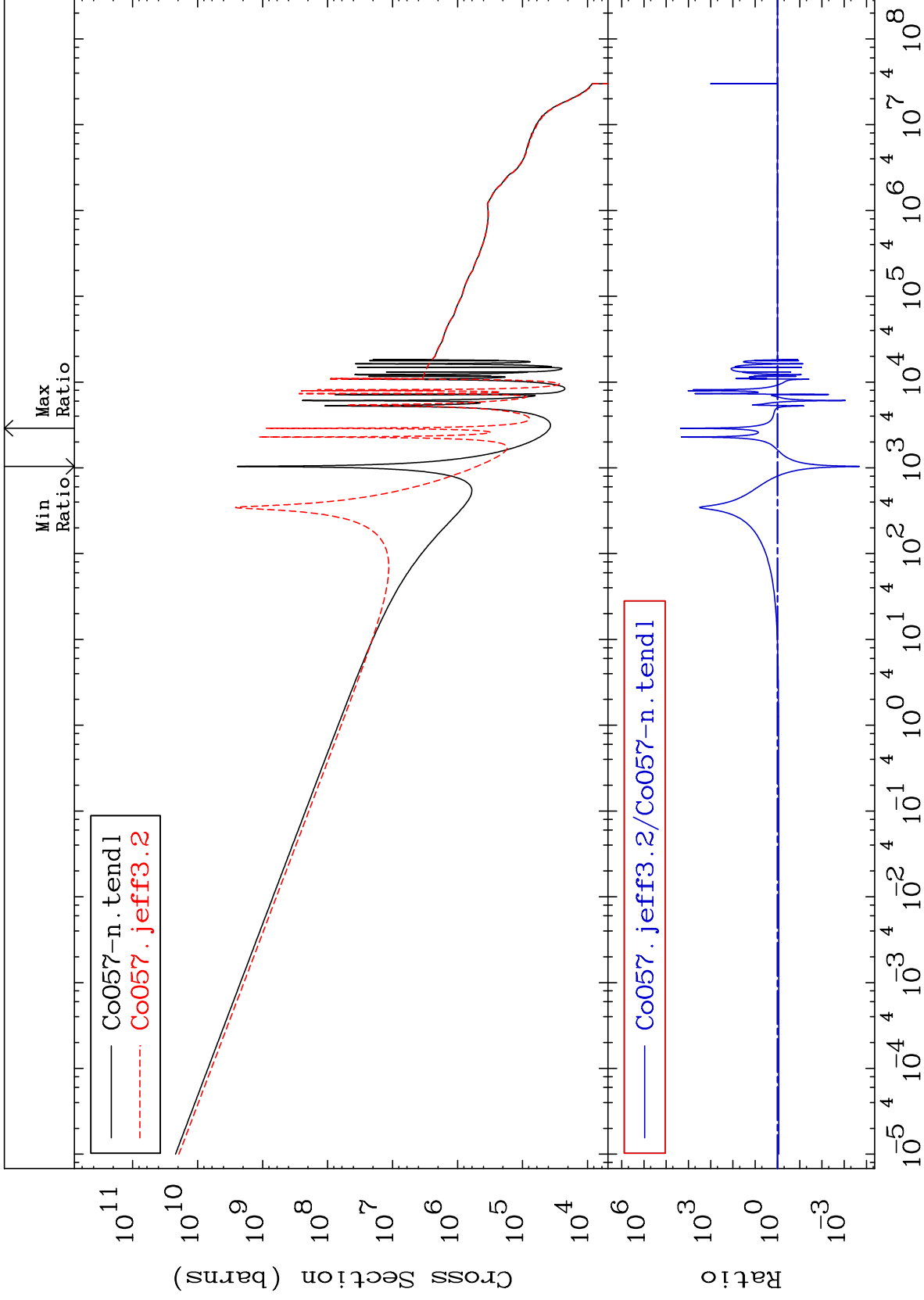
Incident Energy (eV)

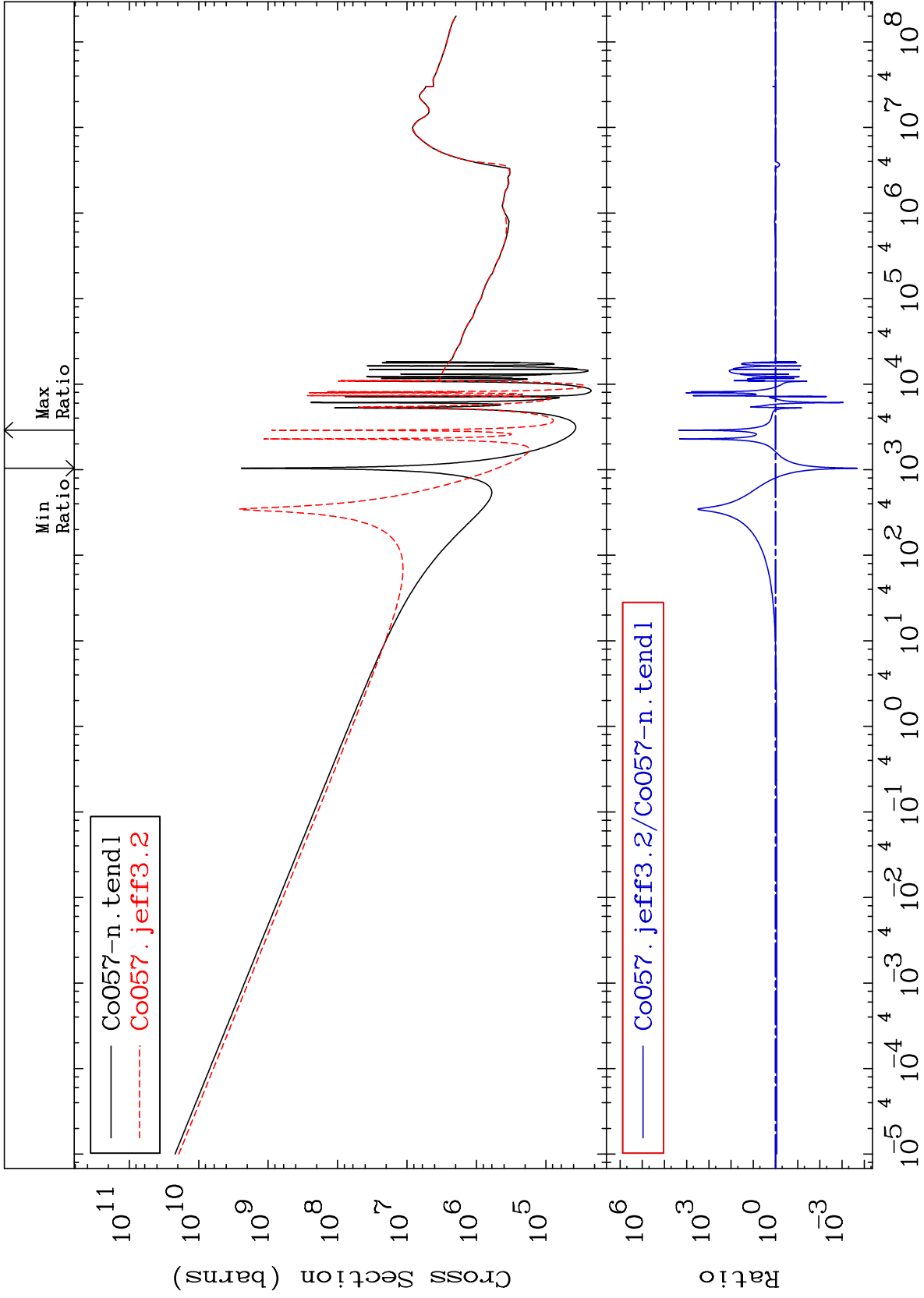
27-Co-57



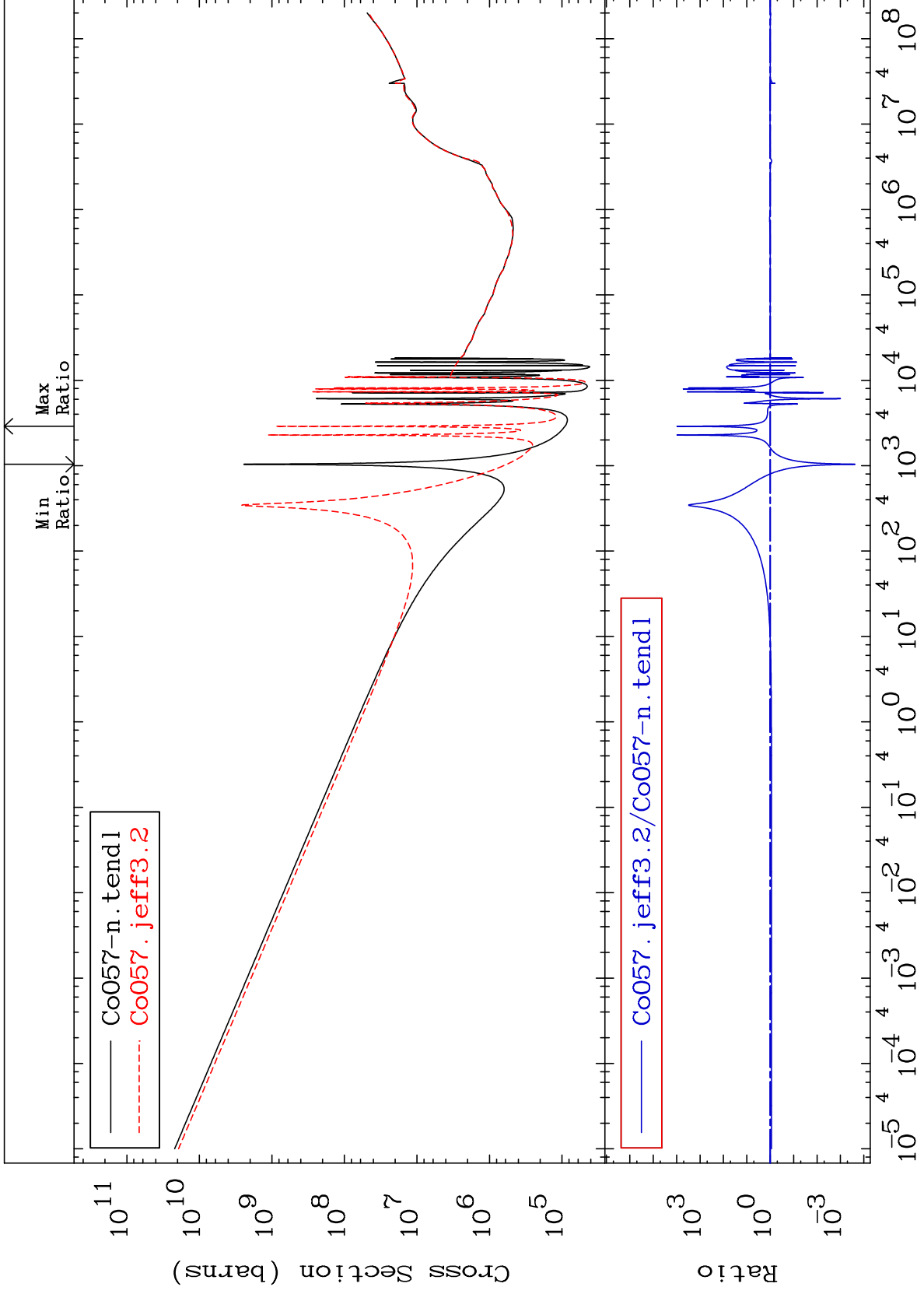


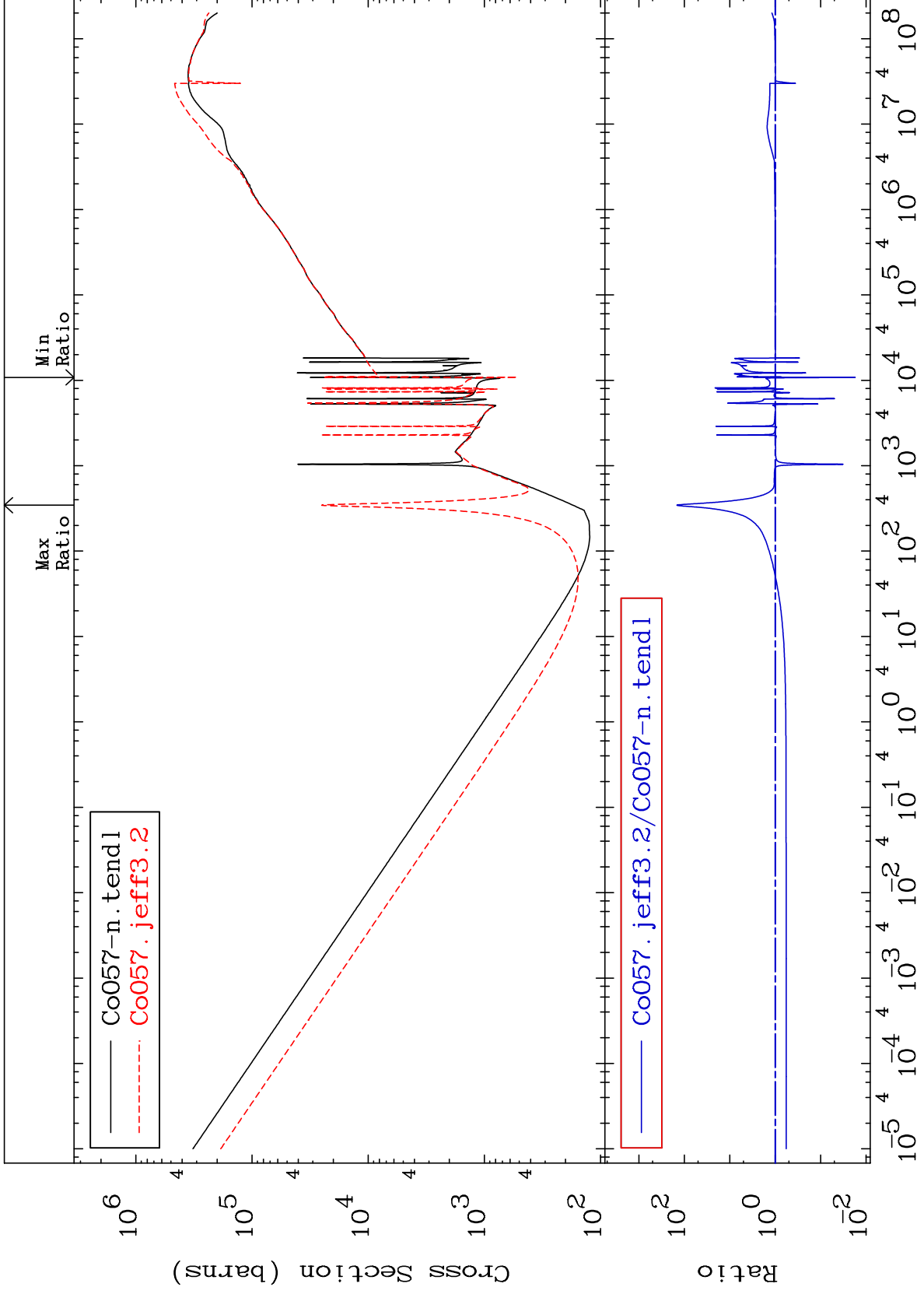


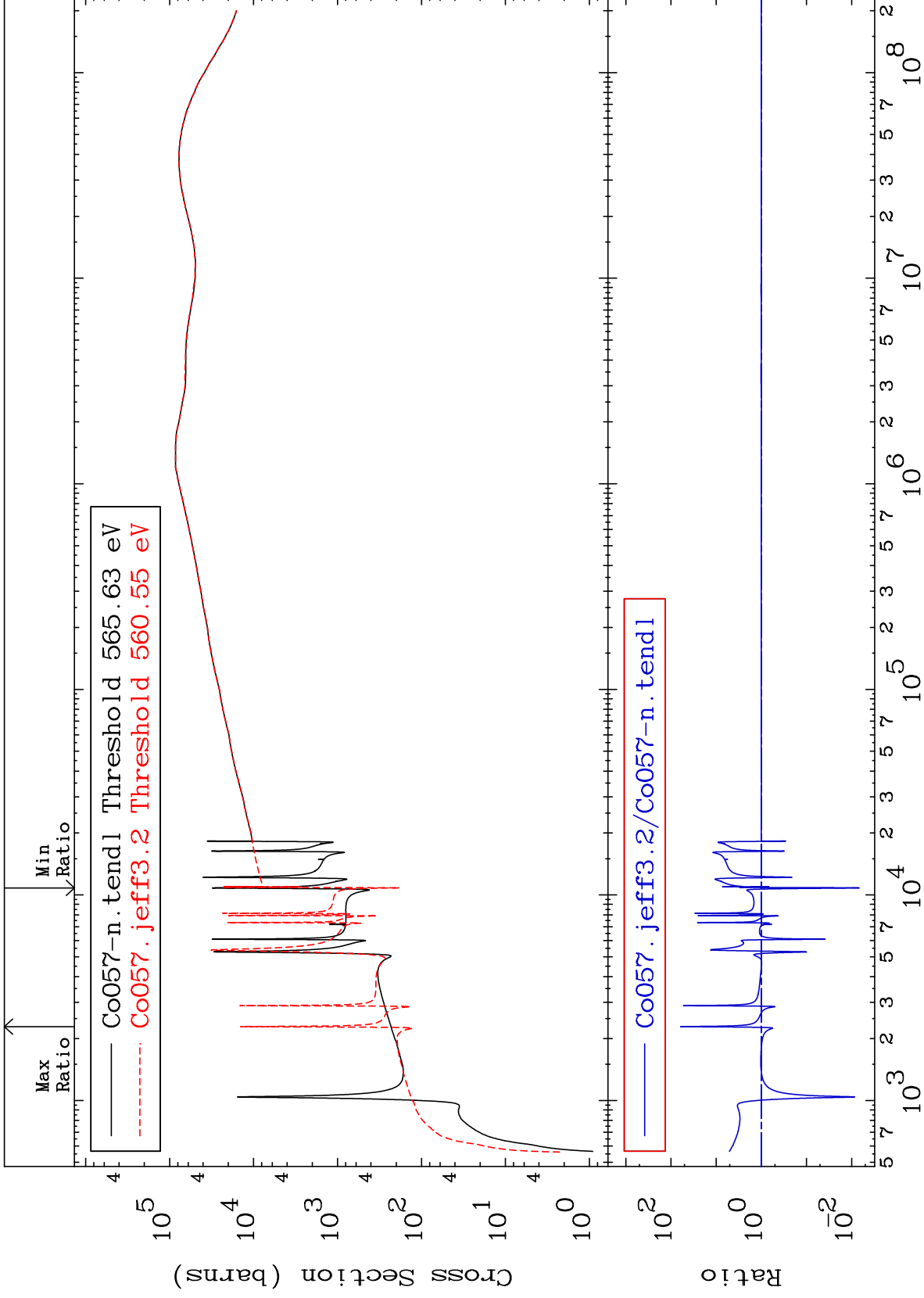


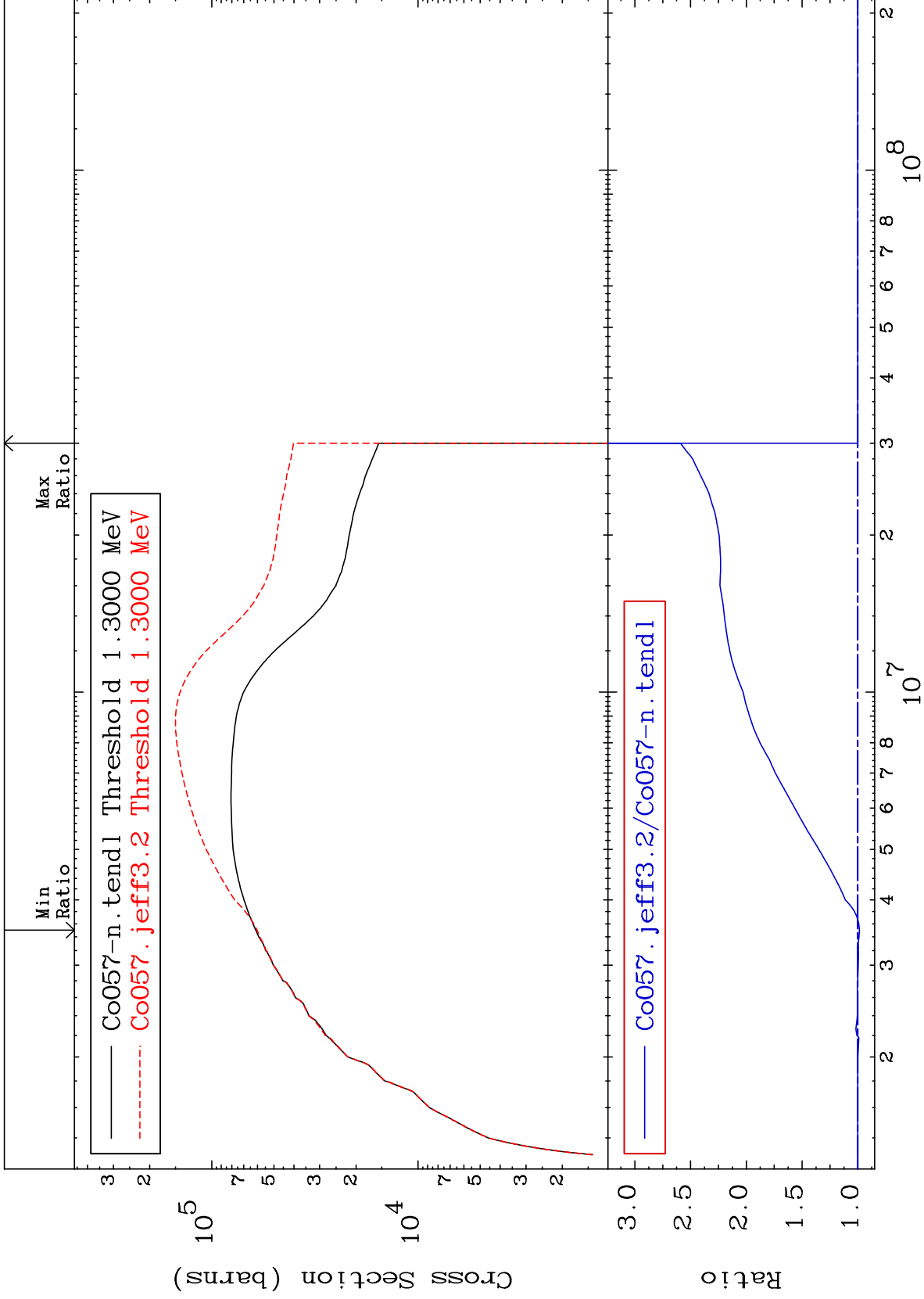


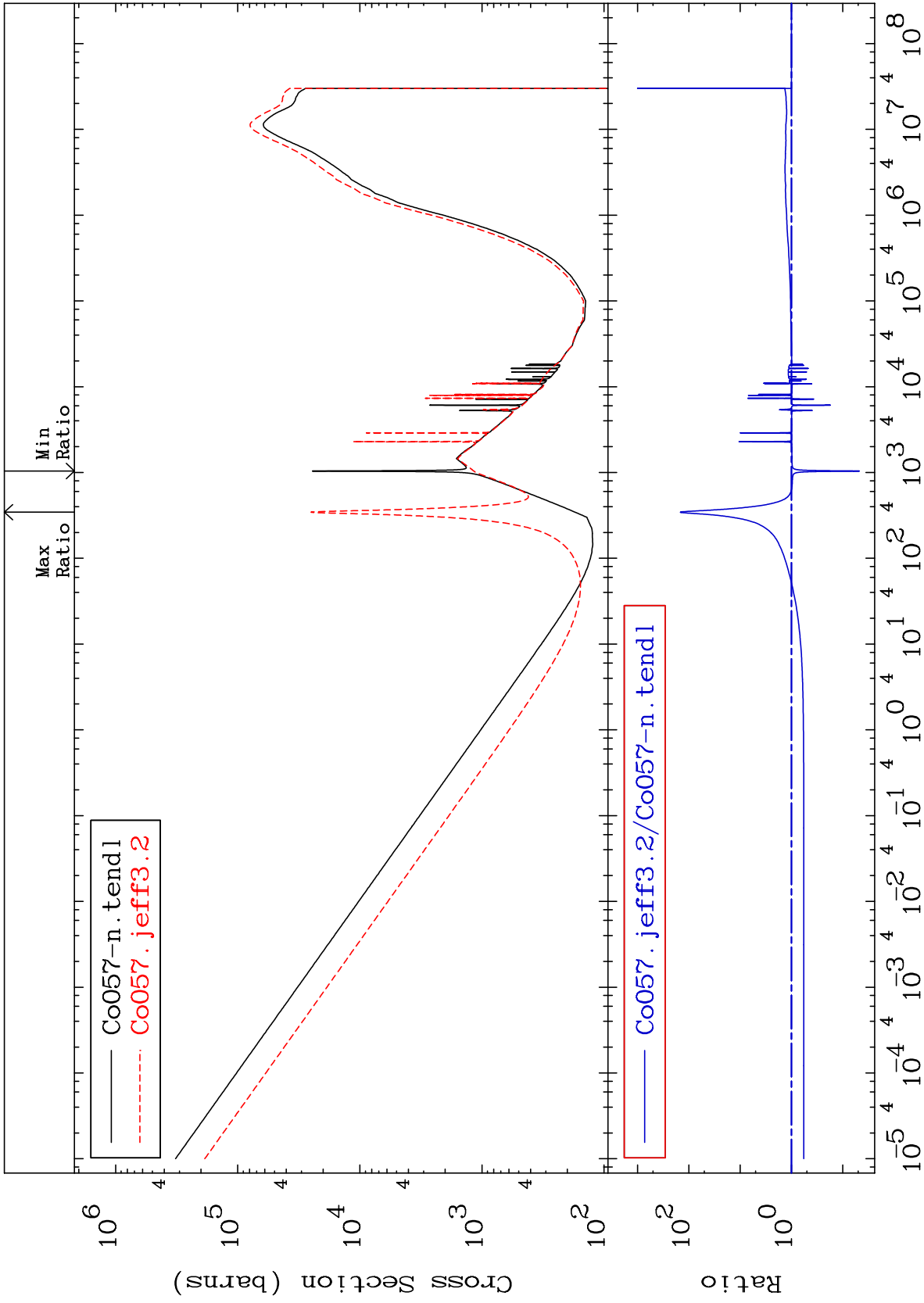


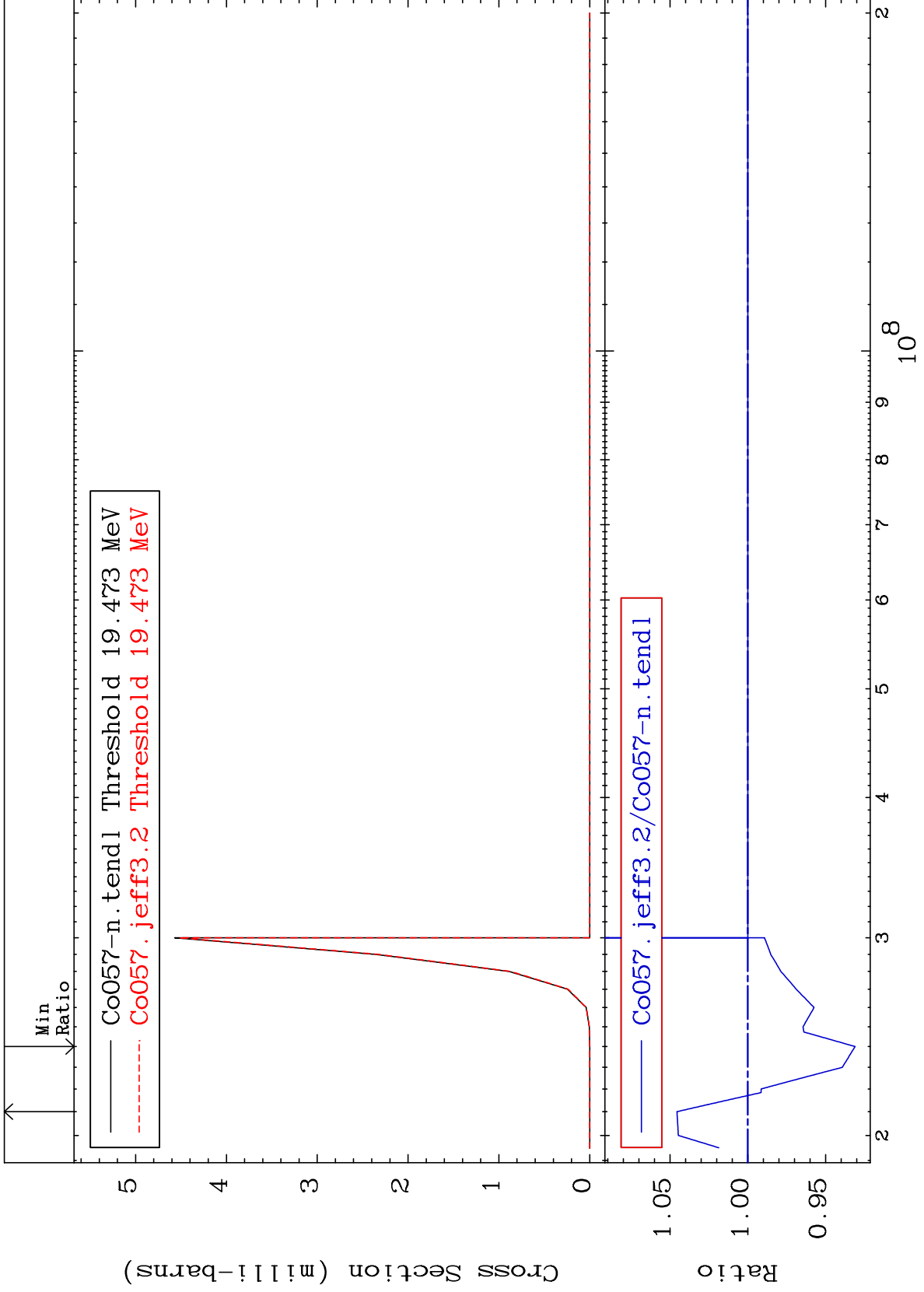












Radionuclide Production Cross Section -4.704 To 0.000 %

