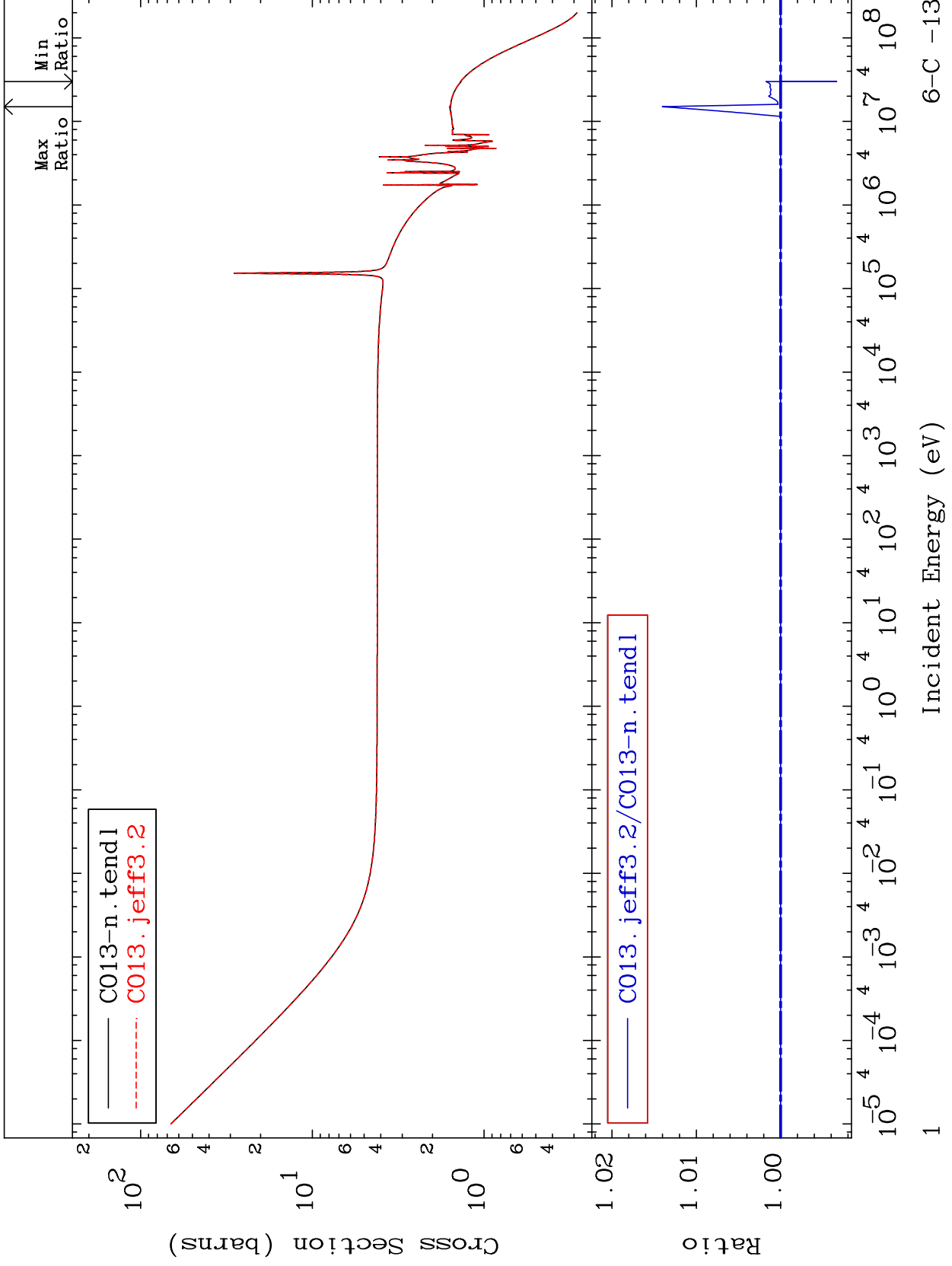


MAT 628

Total  
Cross Section

6-C -13  
-0.664 To 1.403 %



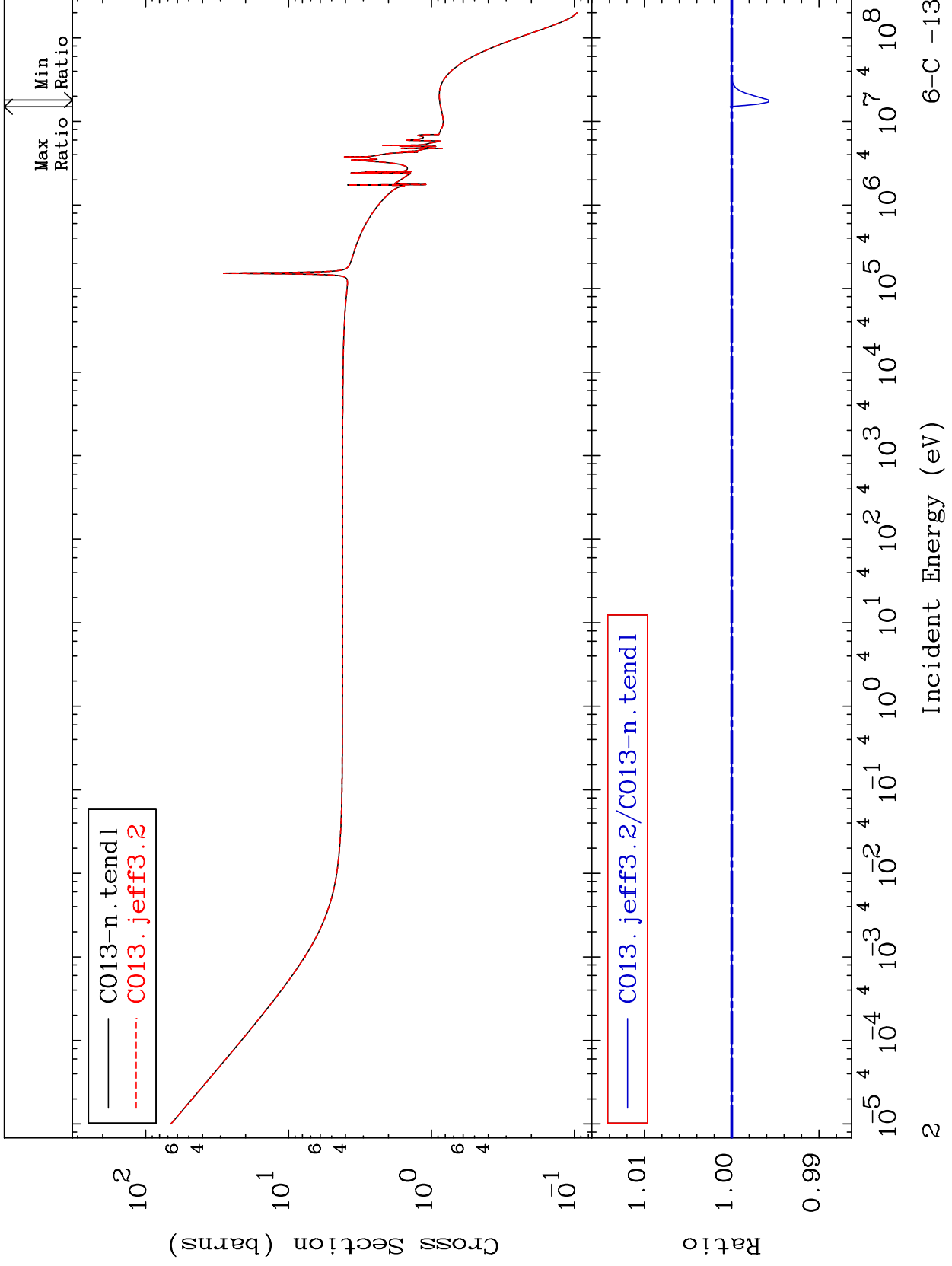
Incident Energy (eV)

6-C -13

MAT 628

Elastic  
Cross Section

6-C -13  
-0.425 To 0.018 %



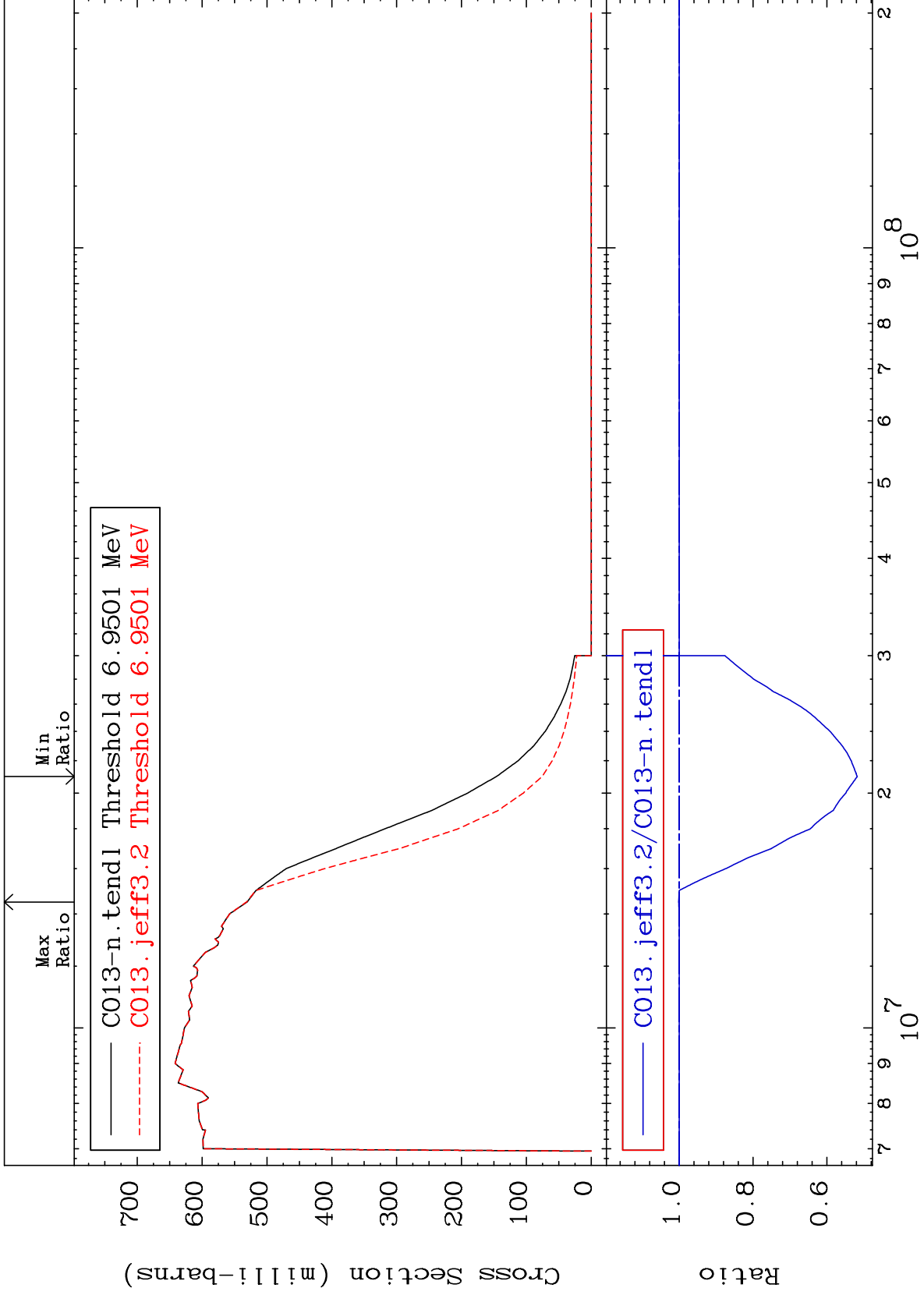
Incident Energy (eV)

6-C -13

MAT 628

Inelastic  
Cross Section

6-C -13  
-48.21 To 0.172 %



3

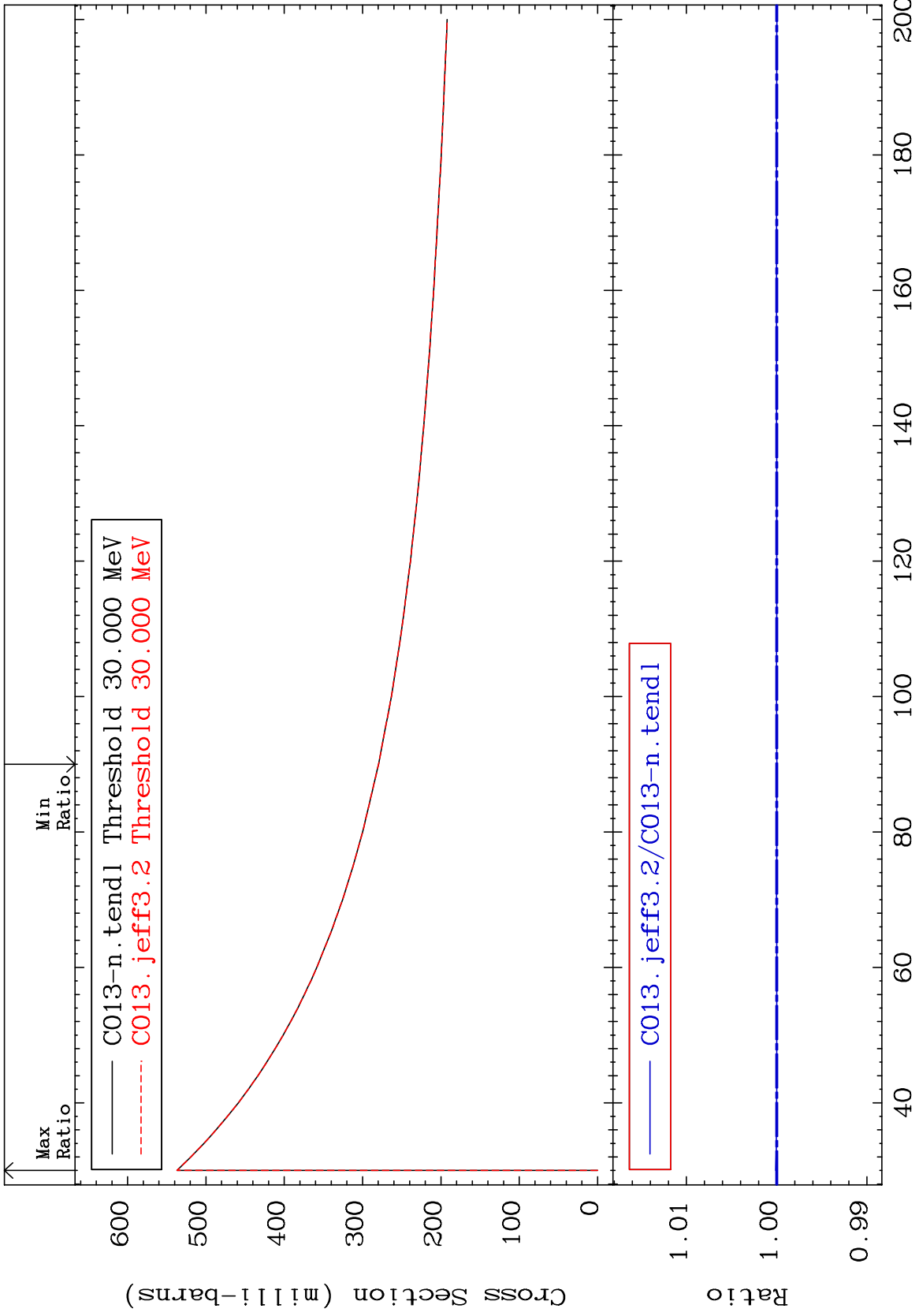
Incident Energy (eV)

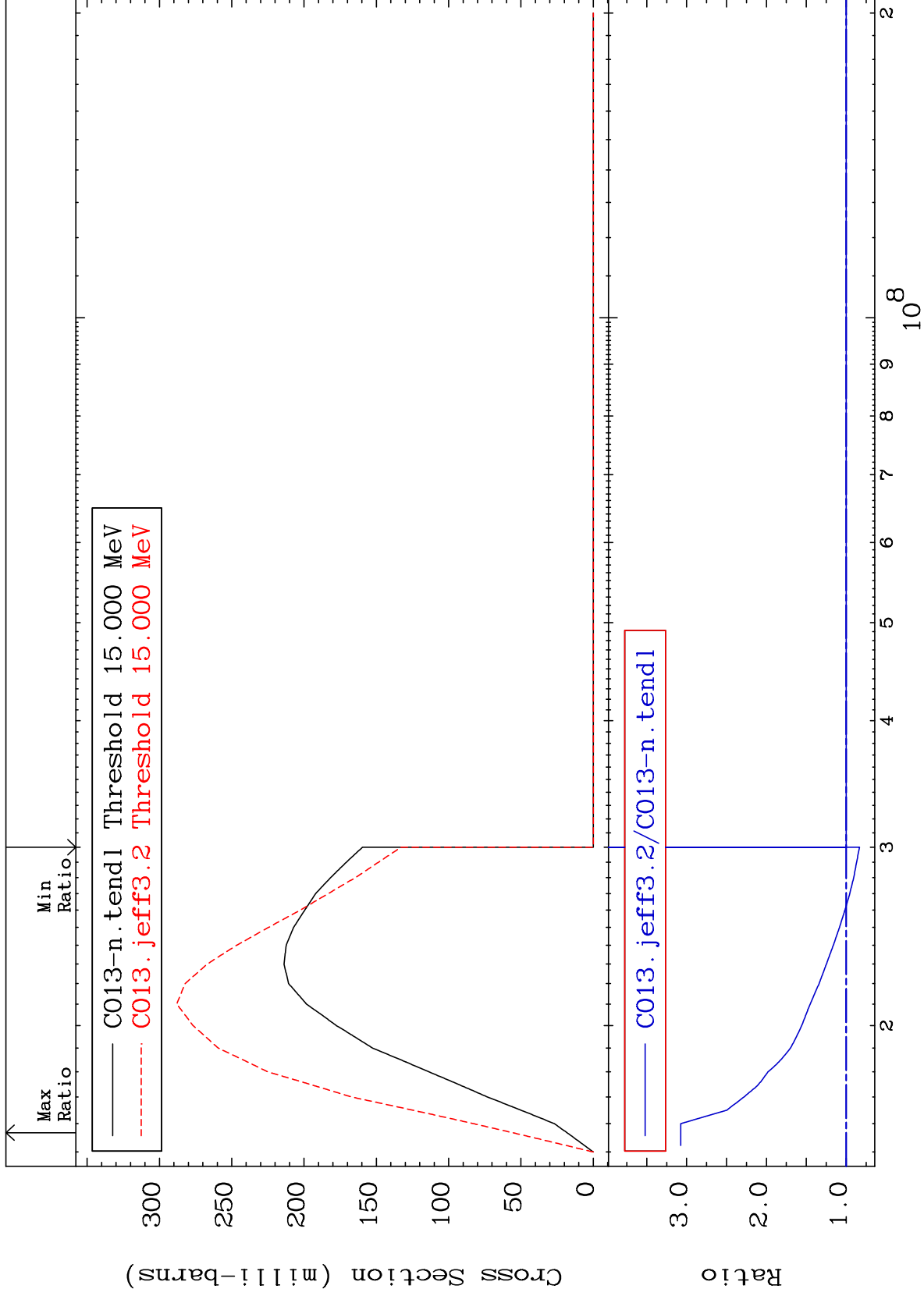
6-C -13

MAT 628

(n, remainder)  
Cross Section

6-C -13  
-0.002 To 0.012 %

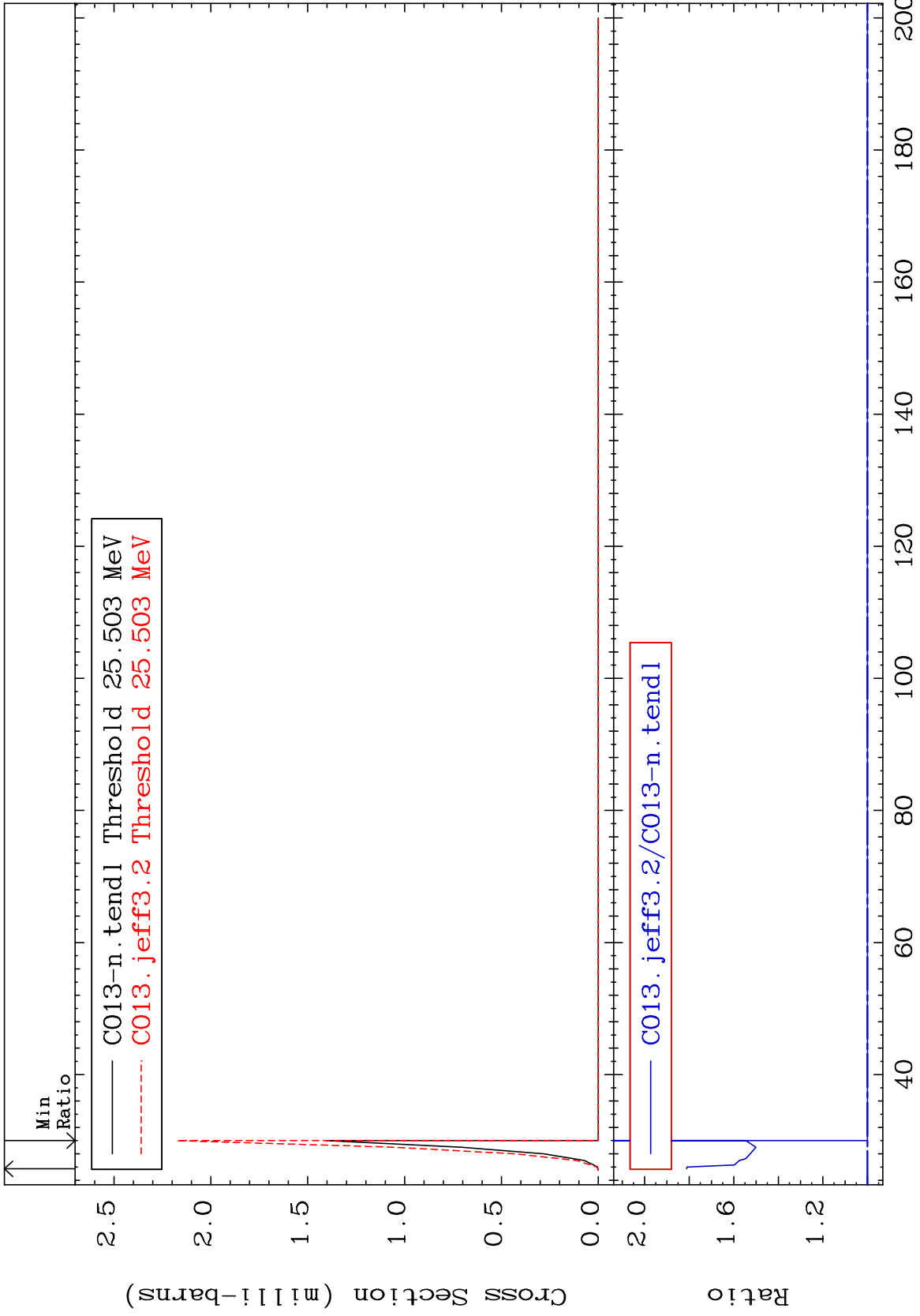




MAT 628

(n,3n)  
Cross Section

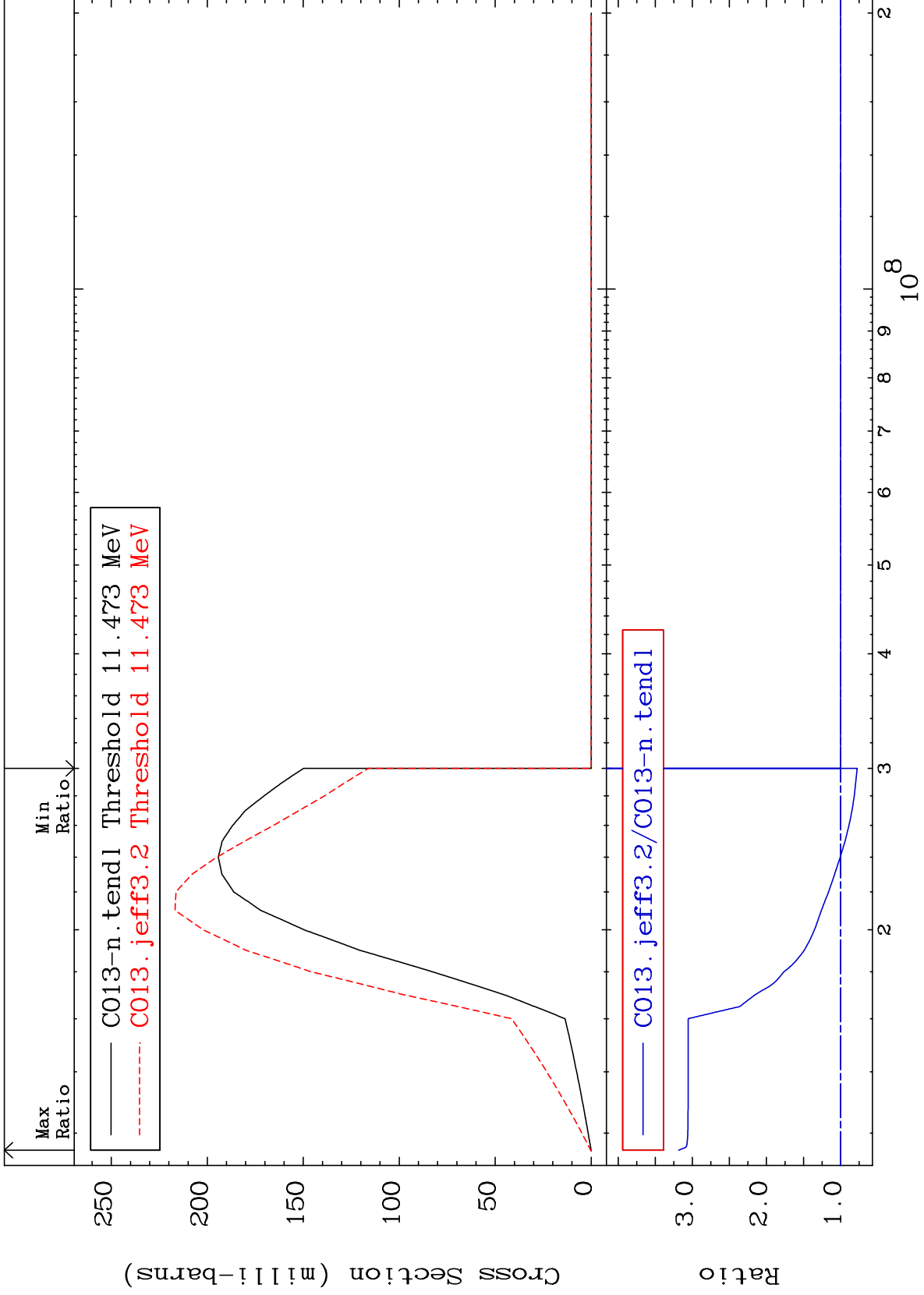
6-C -13  
0.000 To 81.11 %

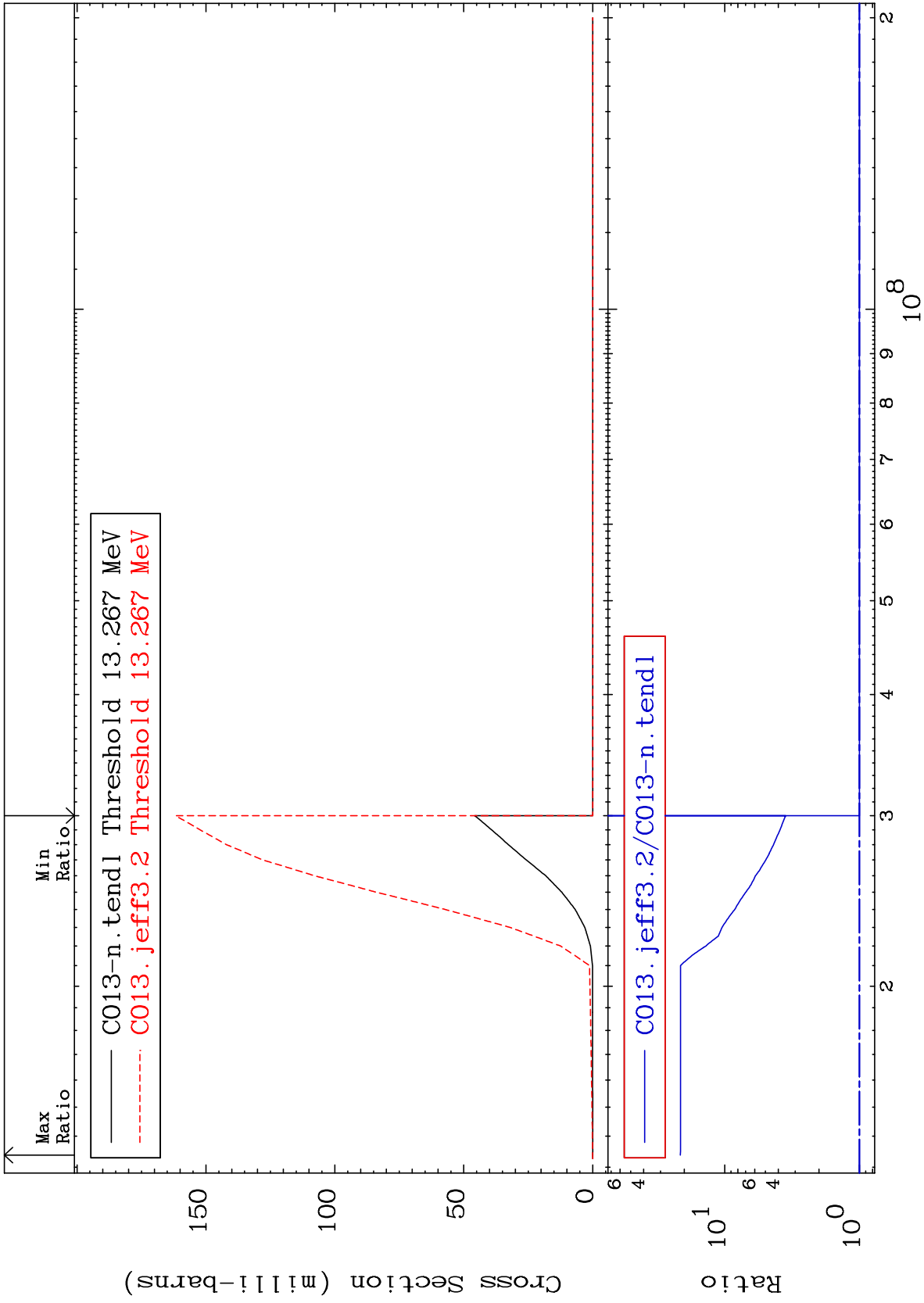


MAT 628

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

6-C -13  
-22.52 To 218.5 %



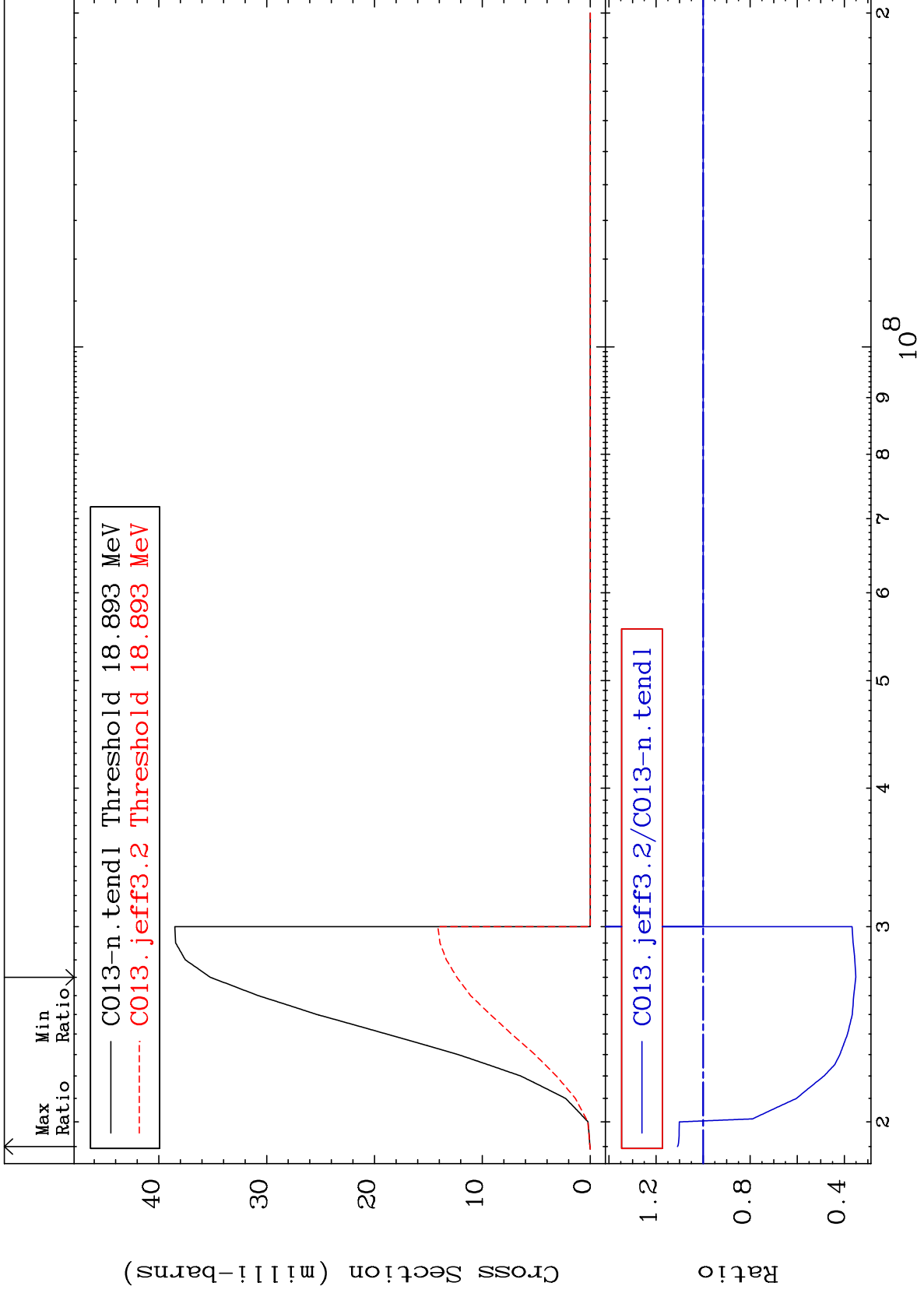




MAT 628

(n,n') p  
Cross Section

6-C -13  
-64.90 To 10.89 %



9

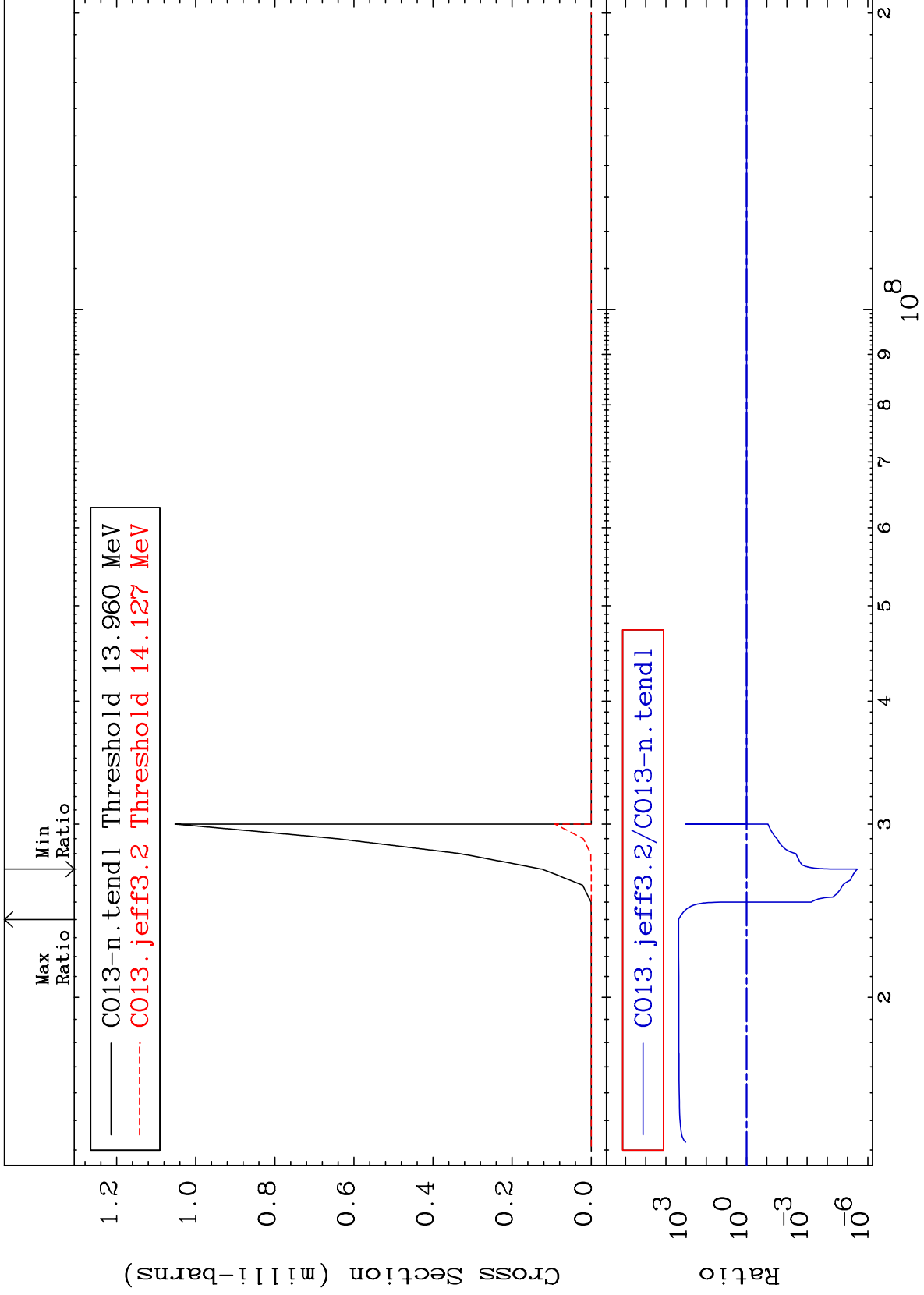
Incident Energy (eV)

6-C -13

MAT 628

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

6-C -13  
-100.0 To 9999. %



10

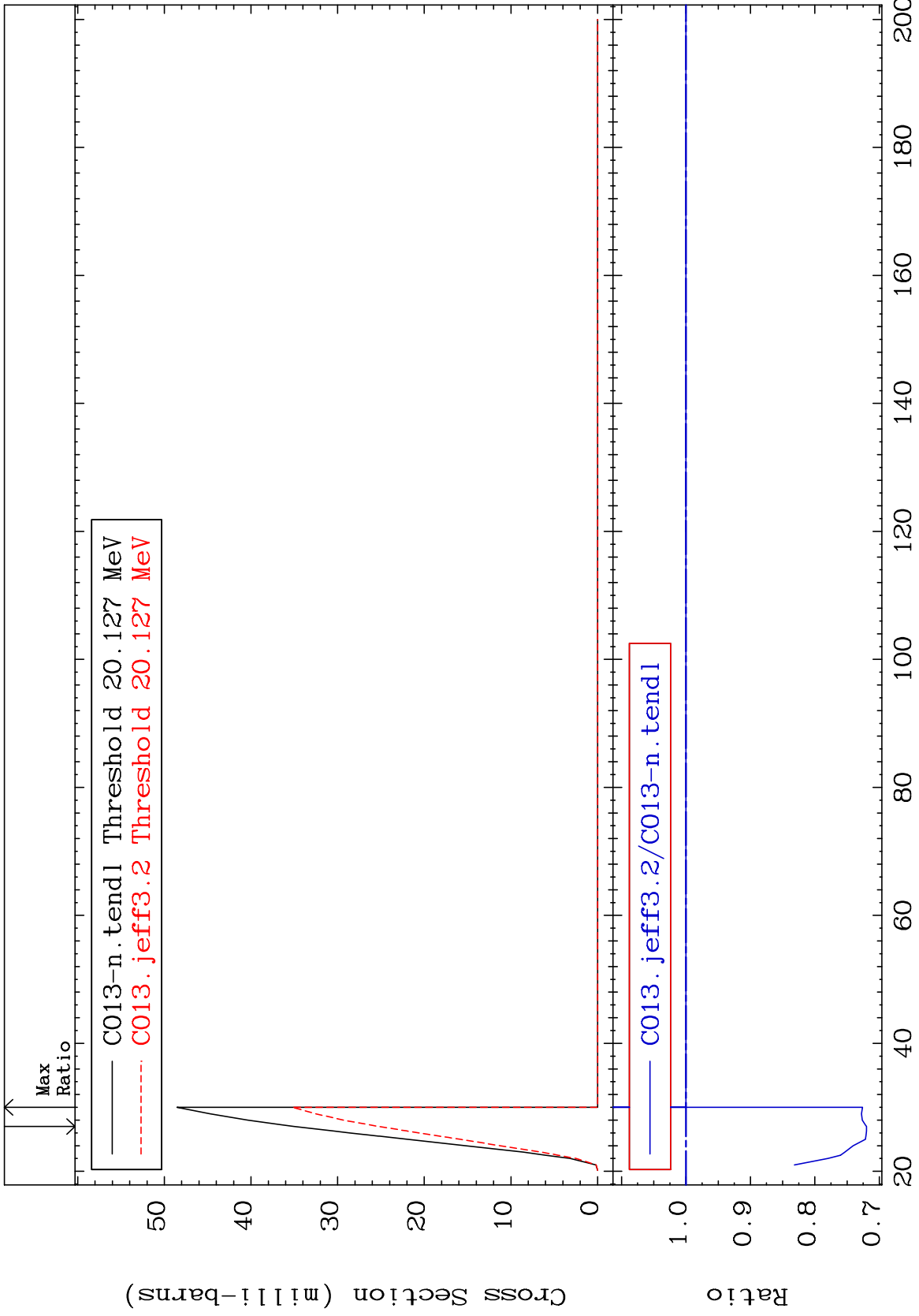
Incident Energy (eV)

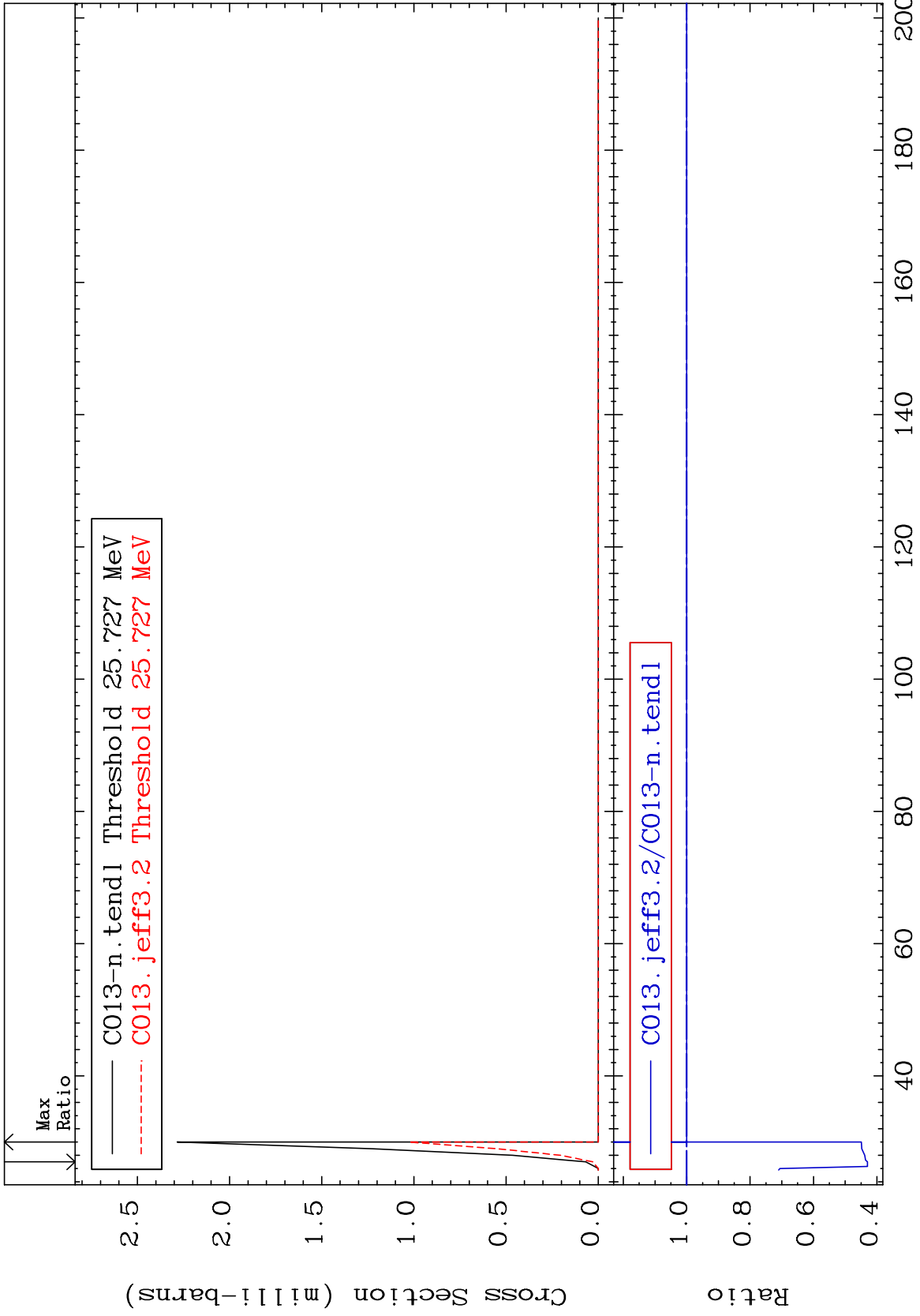
6-C -13

MAT 628

(n,n') d  
Cross Section

6-C -13  
-28.01 To 0.000 %

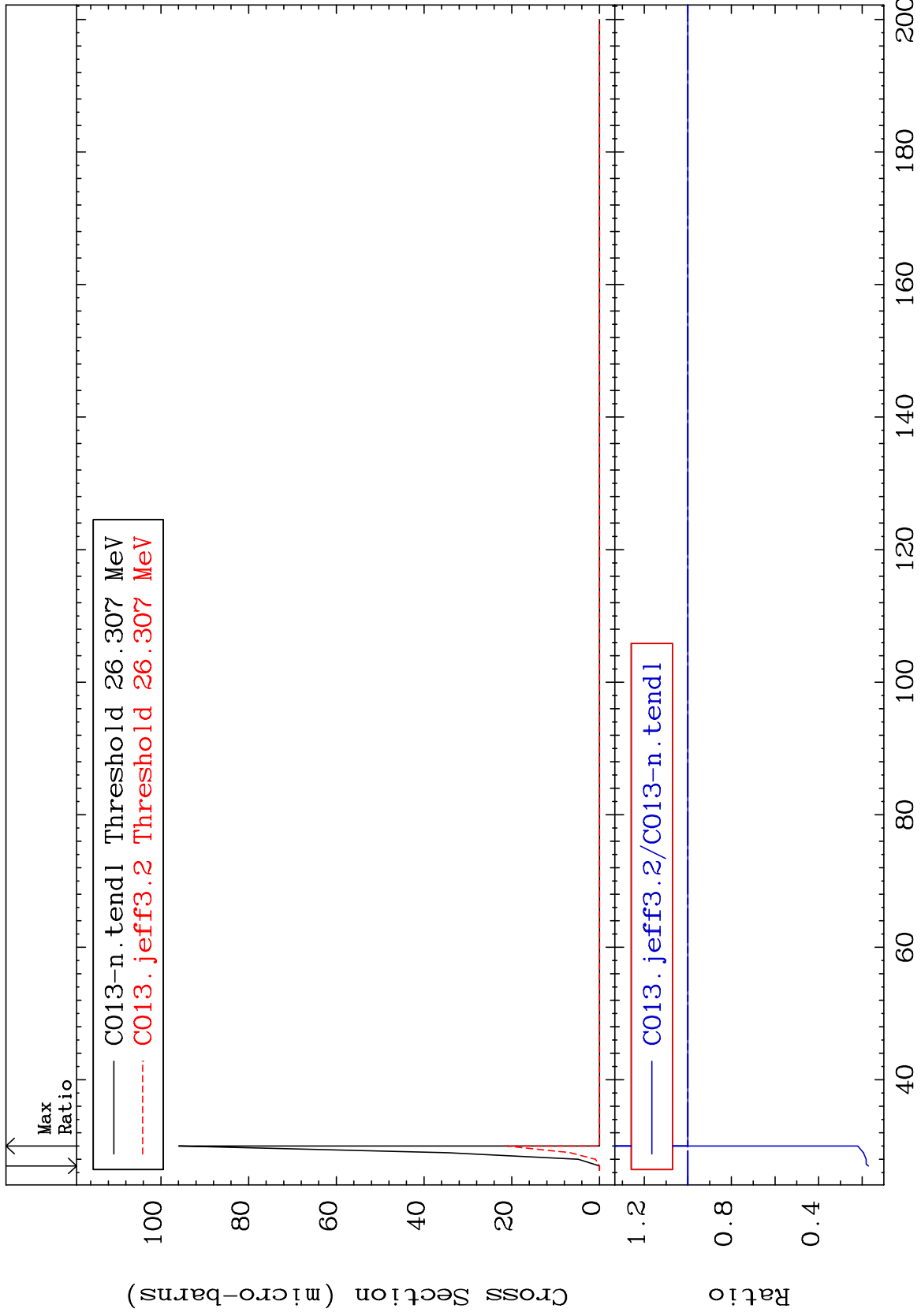




MAT 628

(n, n') He-3  
Cross Section

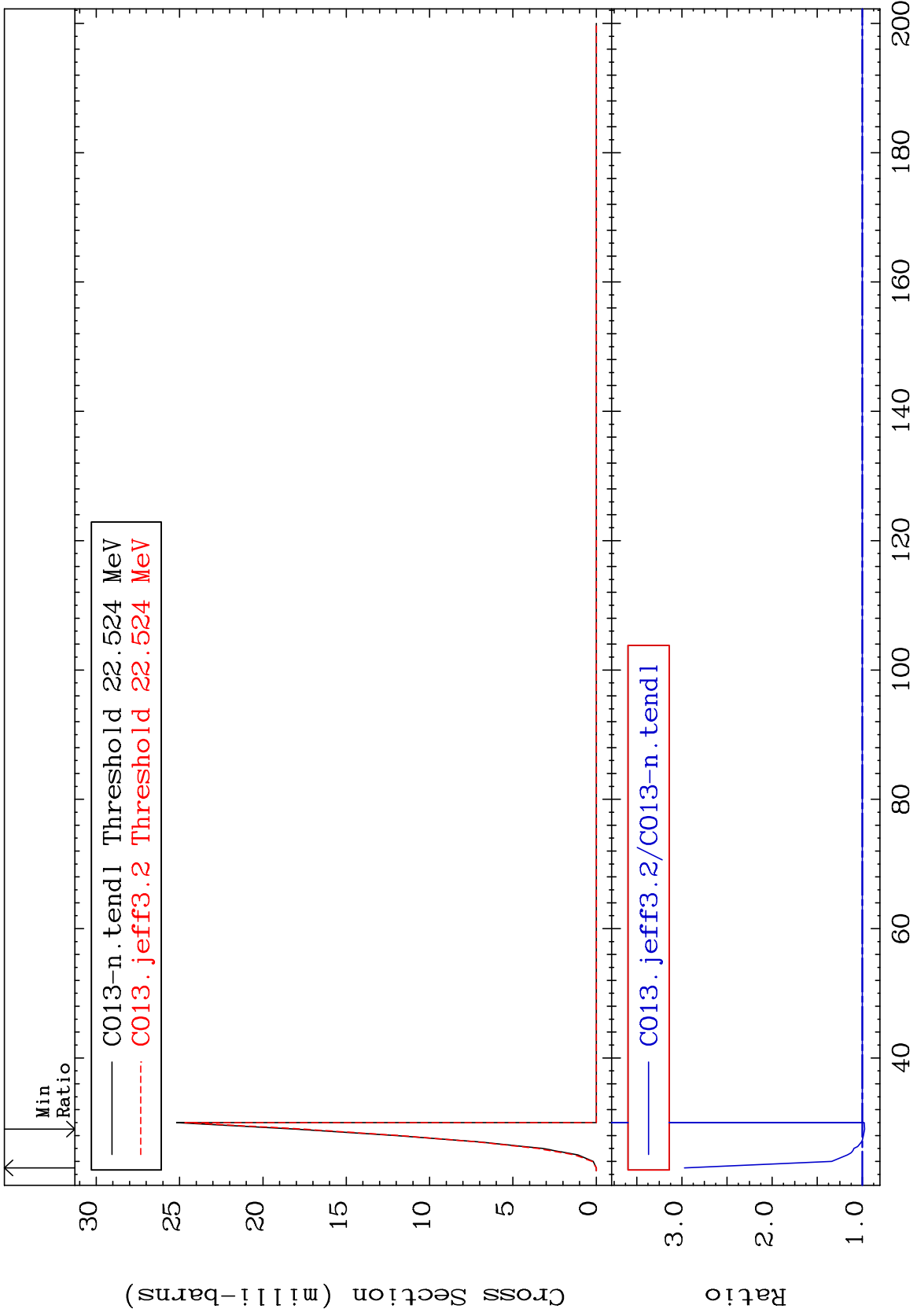
6-C -13  
-82.87 To 0.000 %



MAT 628

(n,2n) p  
Cross Section

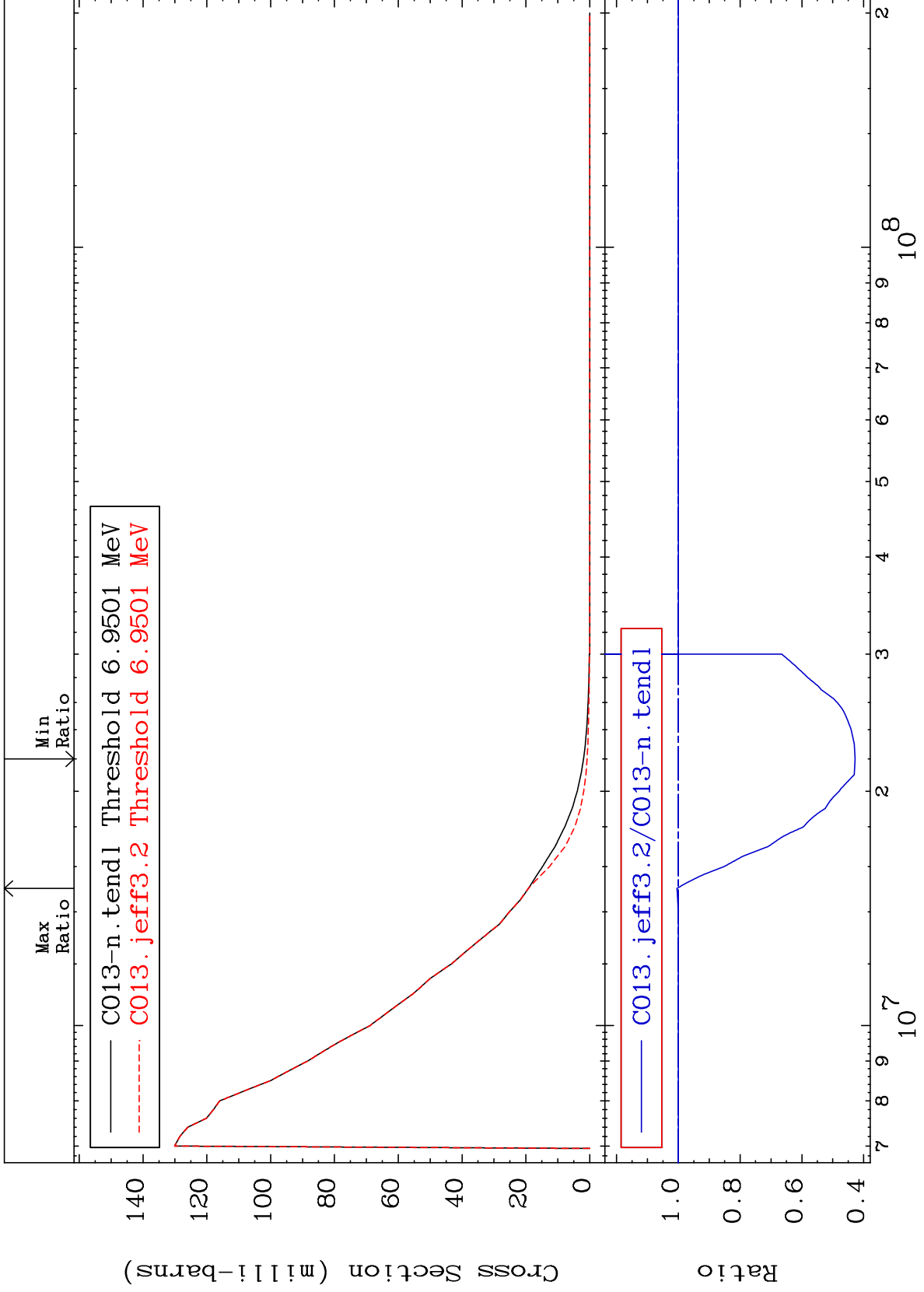
6-C -13  
-2.488 To 197.1 %



MAT 628

3.089 MeV (n,n') Level  
Cross Section

6-C -13  
-57.23 To 0.463 %



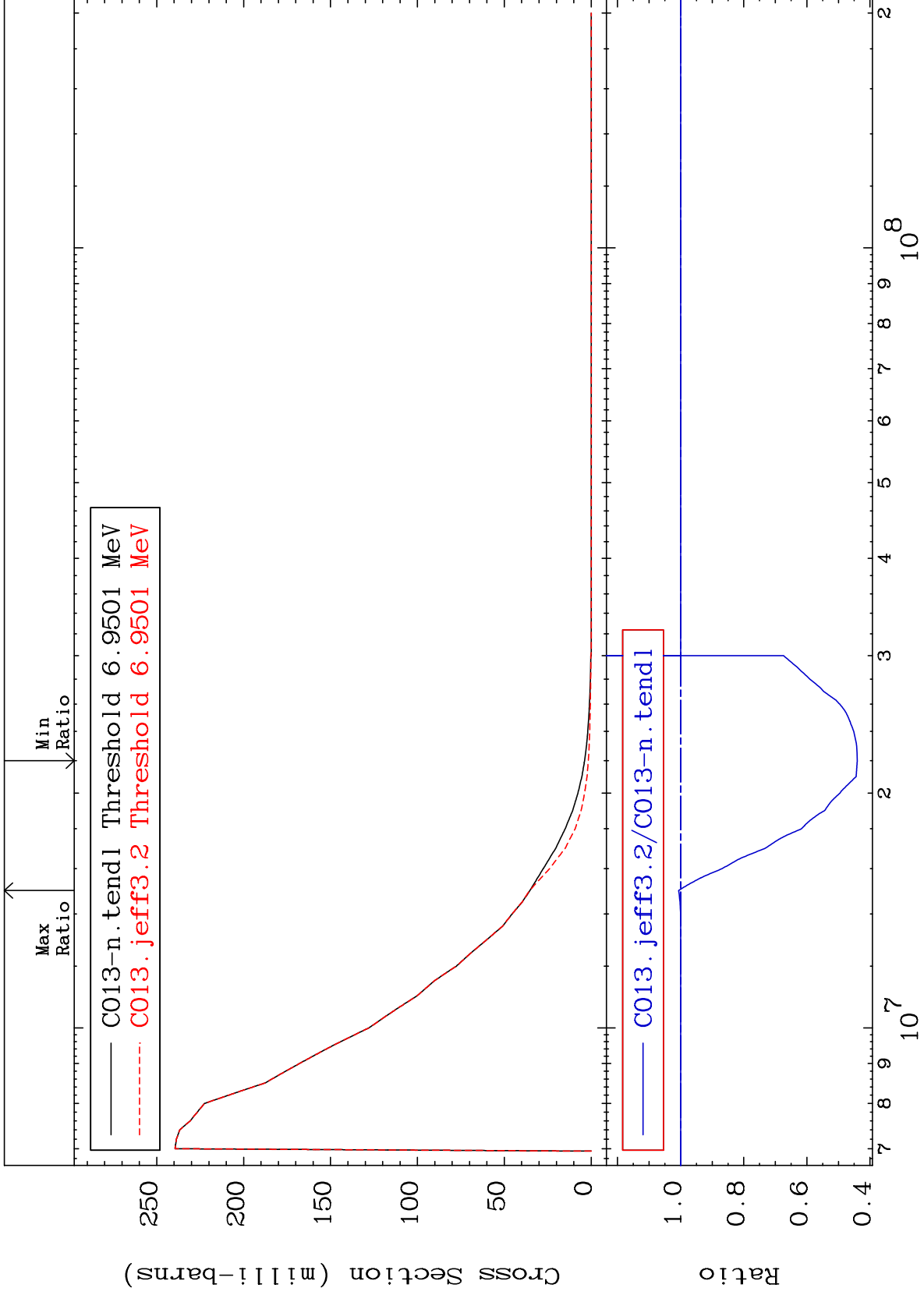
15

6-C -13

MAT 628

3.685 MeV (n,n') Level  
Cross Section

6-C -13  
-55.96 To 0.641 %



16

Incident Energy (eV)

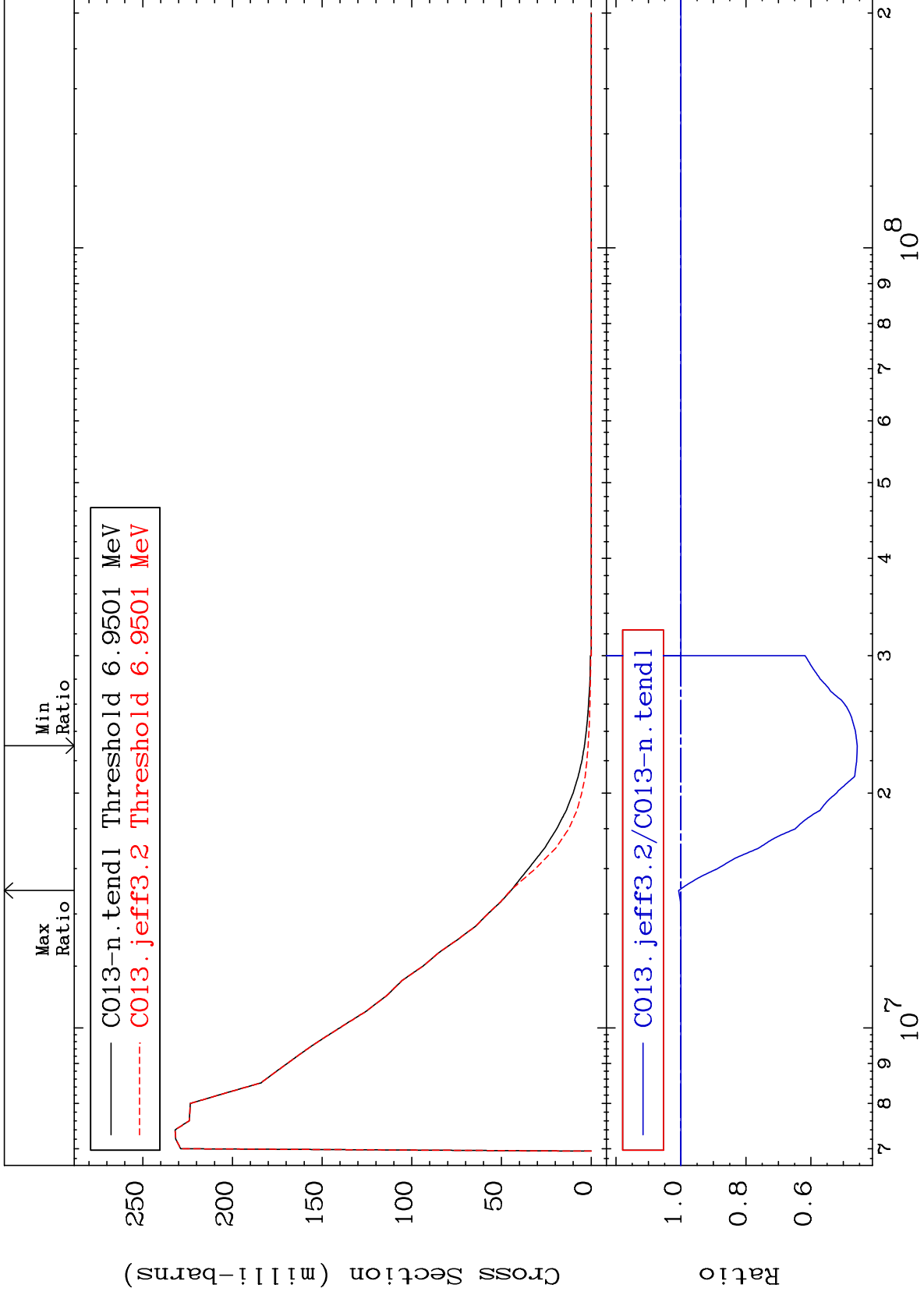
6-C -13



MAT 628

3.854 MeV (n,n') Level  
Cross Section

6-C -13  
-54.28 To 0.708 %



17

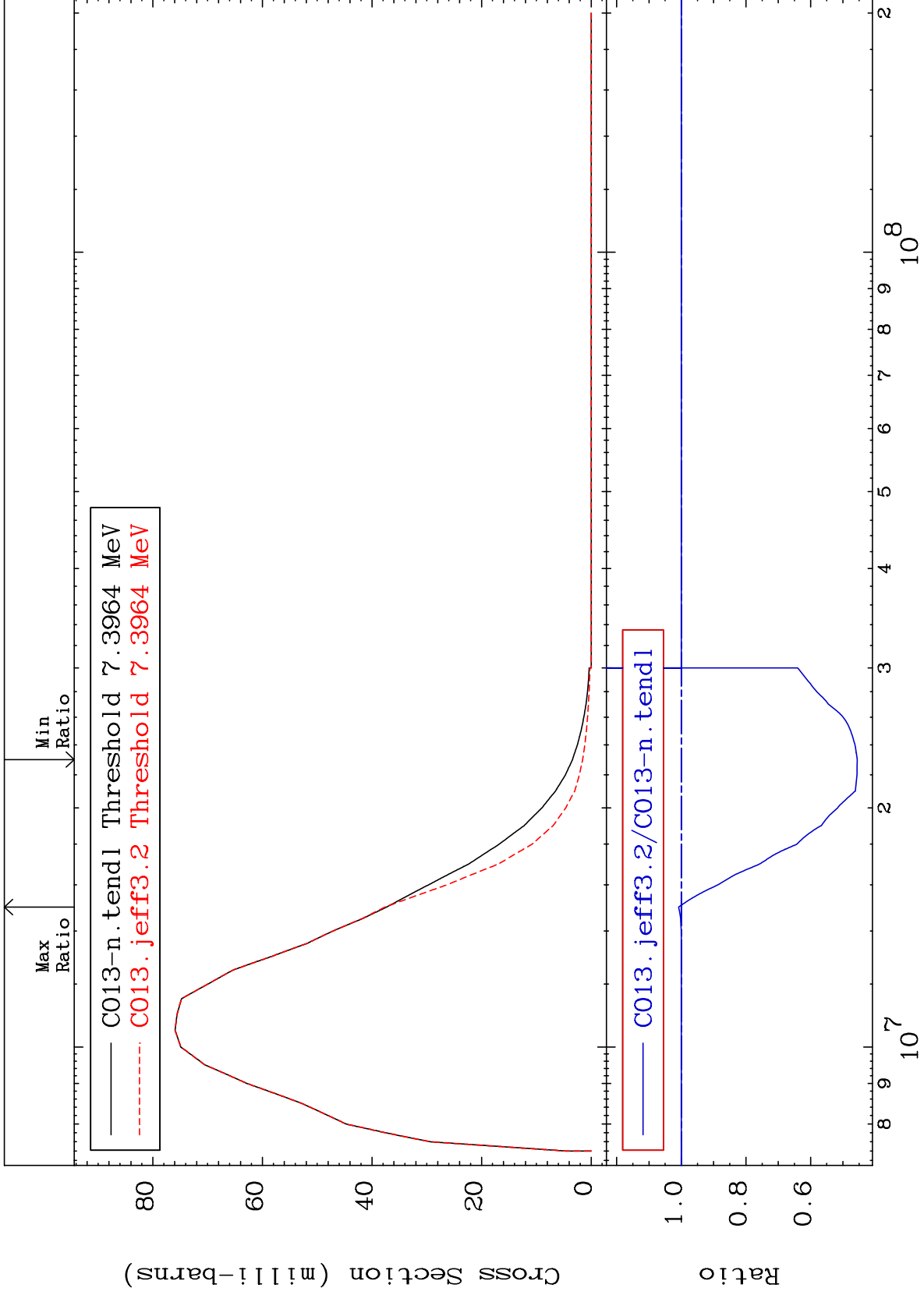
Incident Energy (eV)

6-C -13

MAT 628

6.864 MeV (n,n') Level  
Cross Section

6-C -13  
-54.43 To 0.823 %



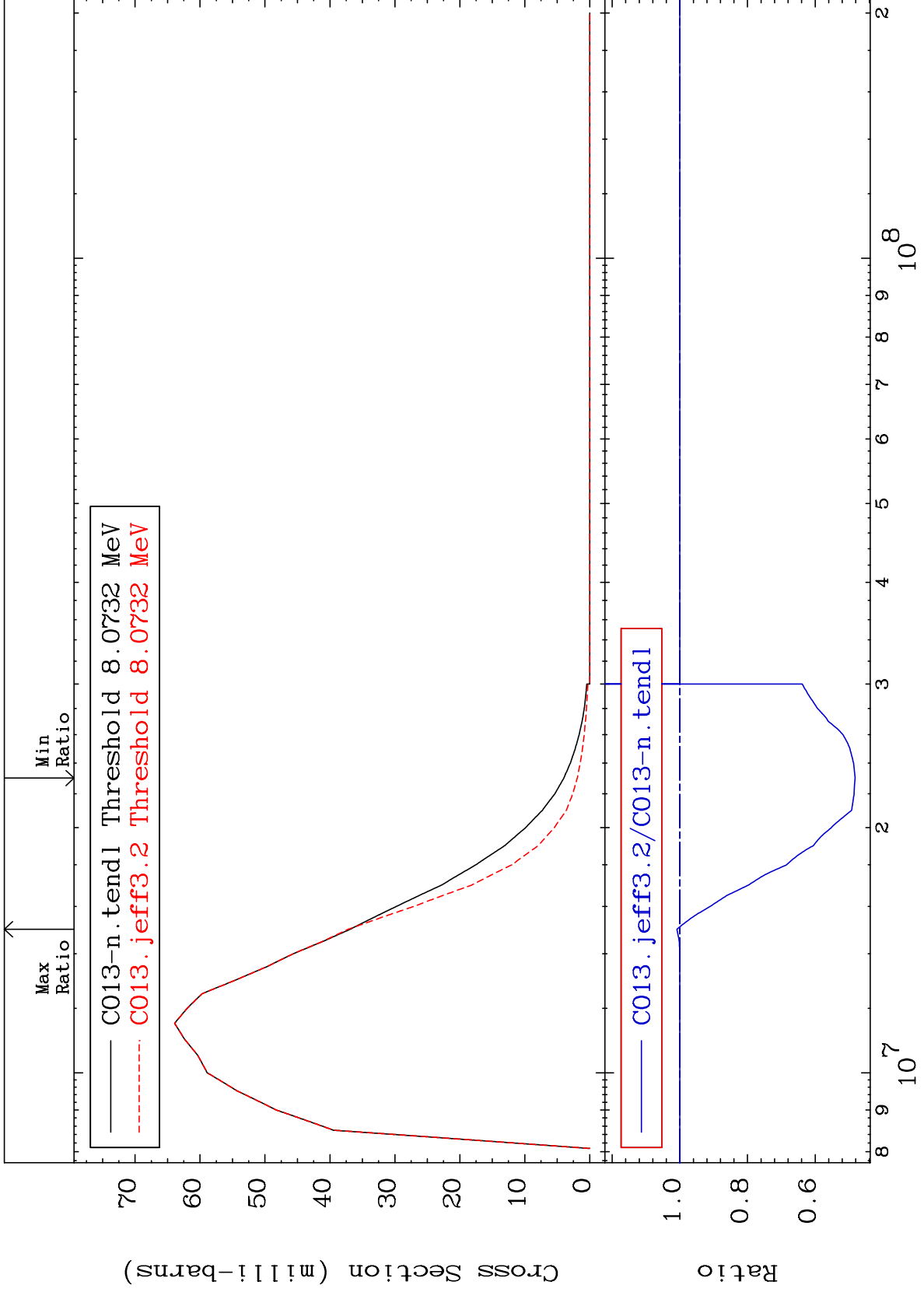
18

6-C -13

MAT 628

7.492 MeV (n,n') Level  
Cross Section

6-C -13  
-51.79 To 0.861 %



19

6-C -13

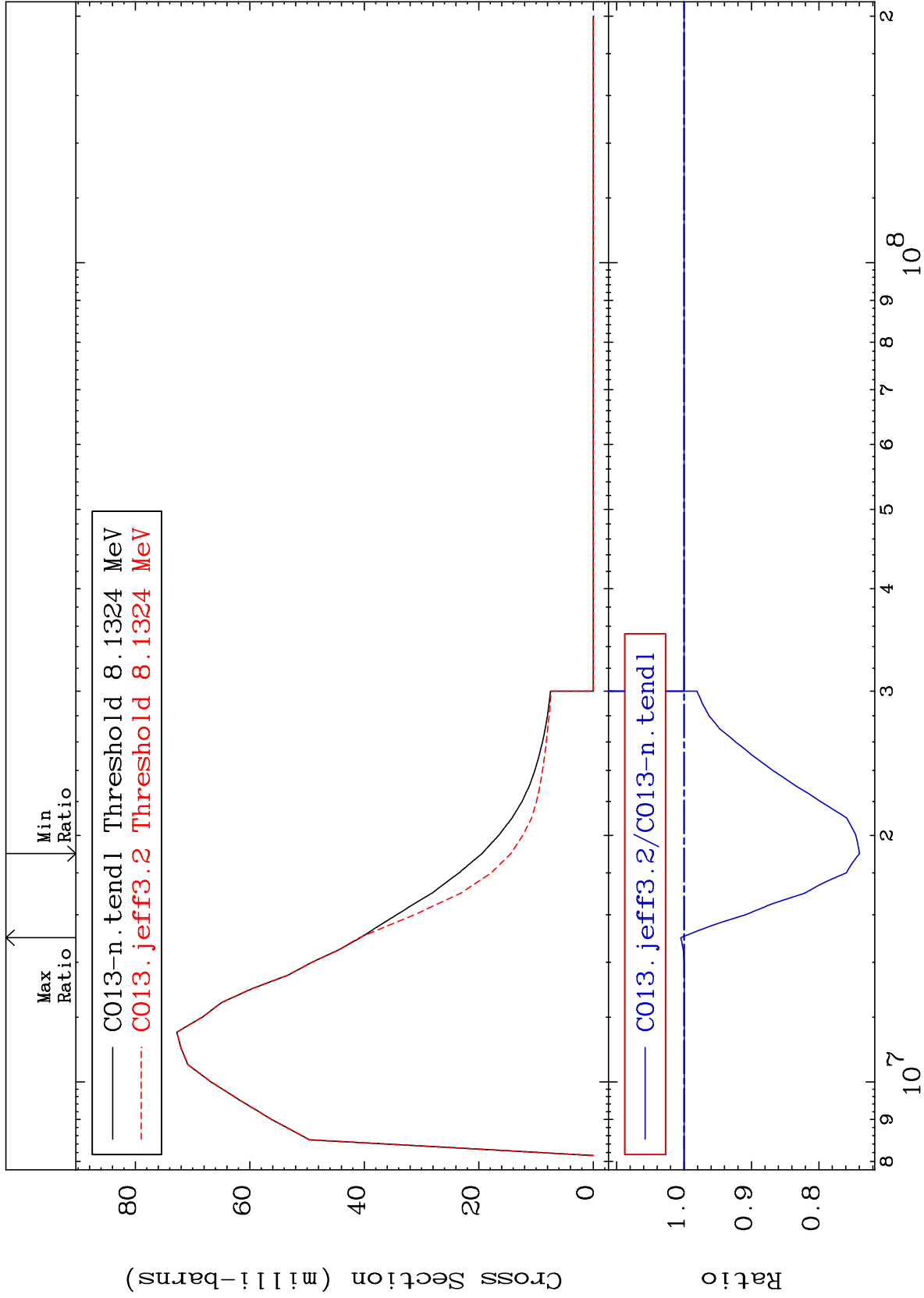
MAT 628

7.547 MeV (n,n') Level

6-C -13

-26.04 To 0.491 %

Cross Section



20

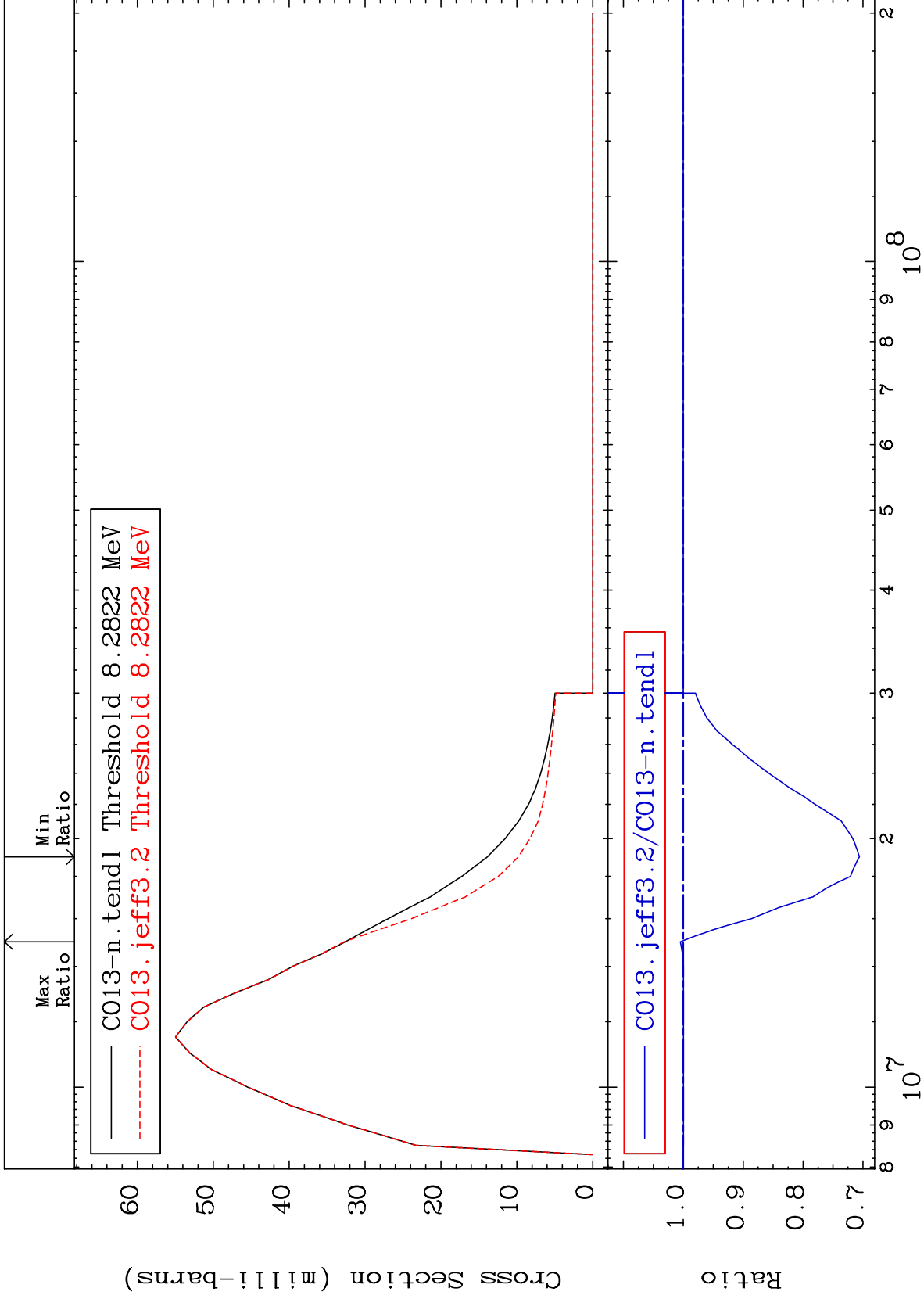
Incident Energy (eV)

6-C -13

MAT 628

7.686 MeV (n,n') Level  
Cross Section

6-C -13  
-29.41 To 0.491 %



21

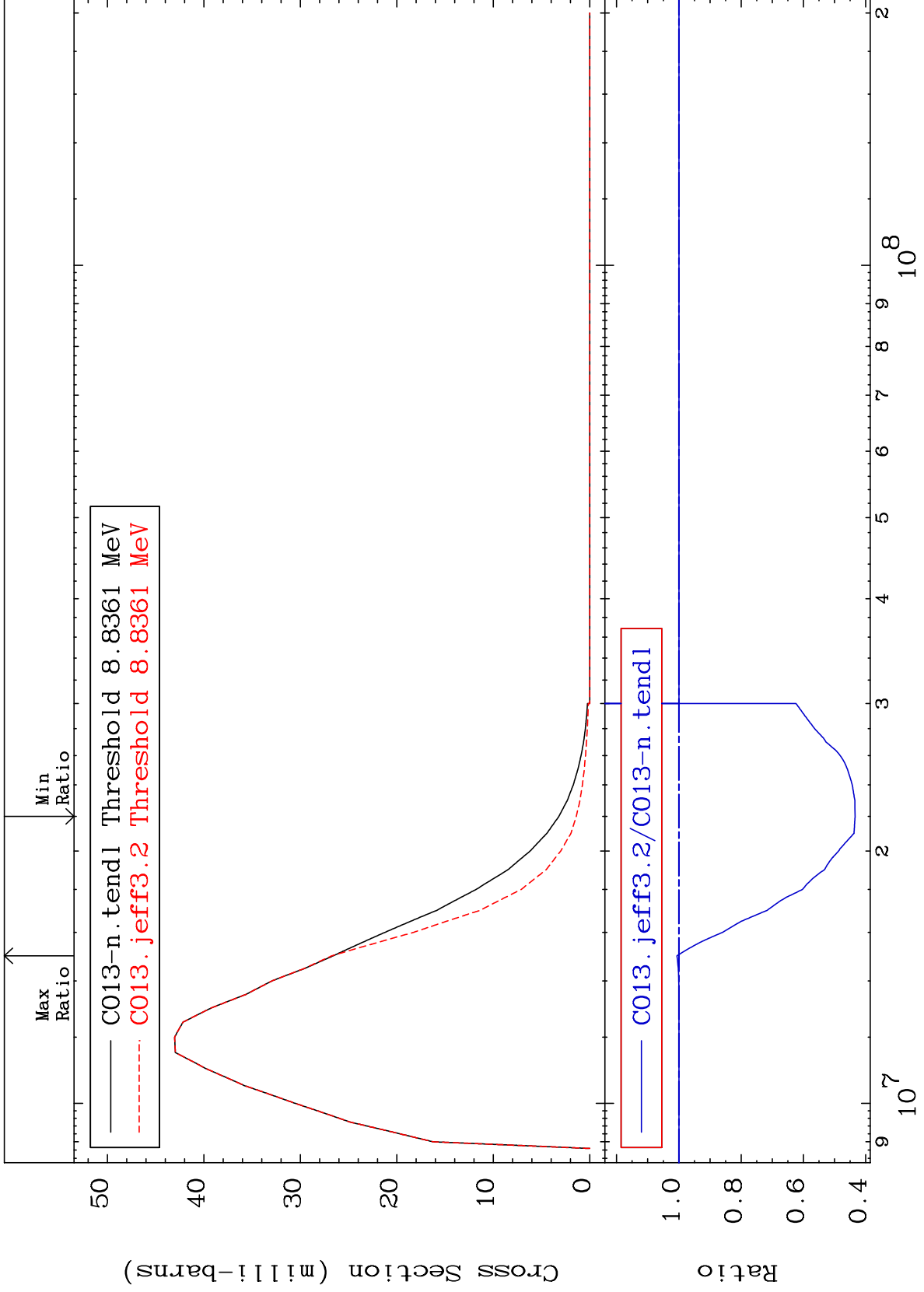
Incident Energy (eV)

6-C -13

MAT 628

8.200 MeV (n,n') Level  
Cross Section

6-C -13  
-56.58 To 0.624 %



22

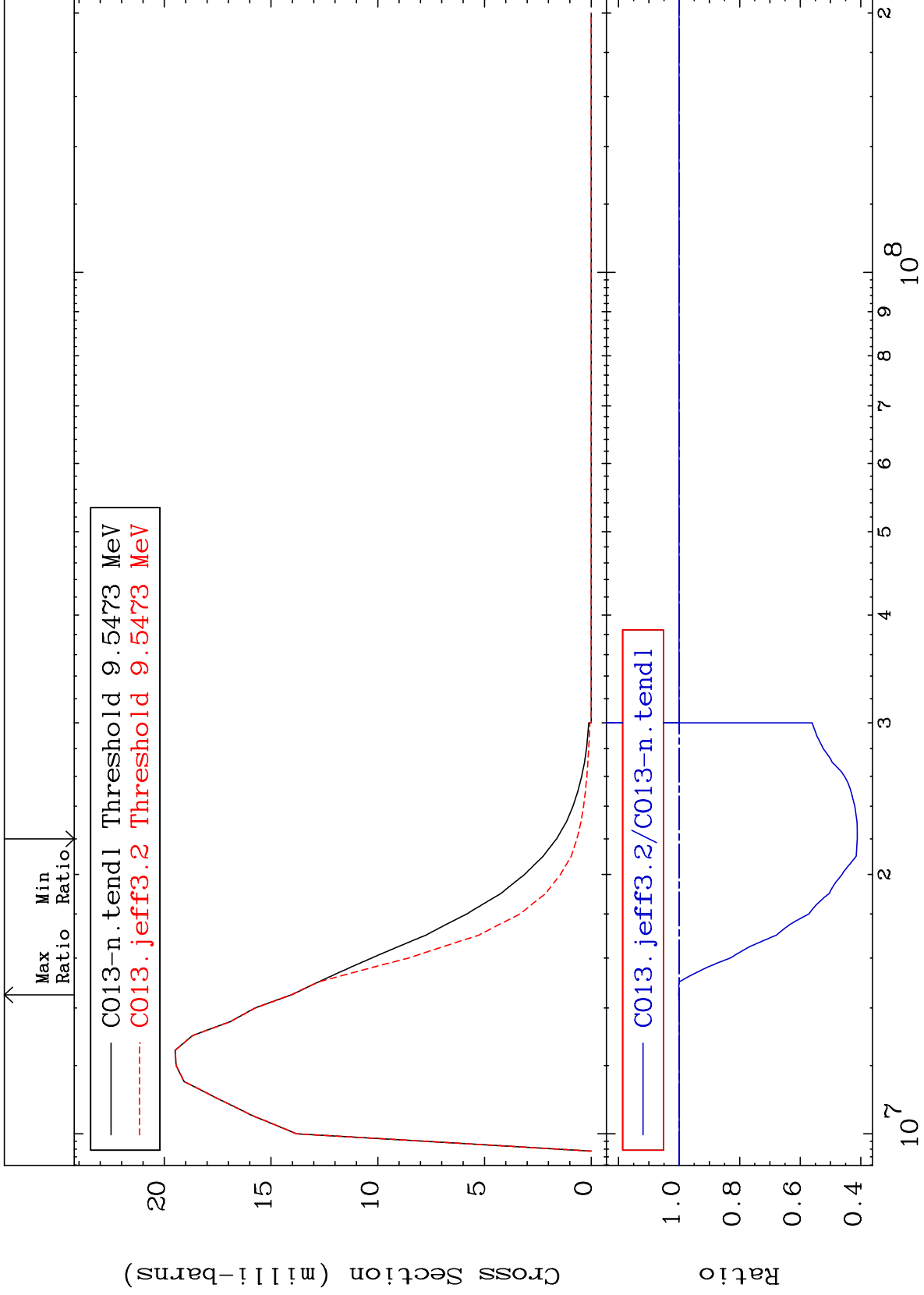
Incident Energy (eV)

6-C -13

MAT 628

8.860 MeV (n,n') Level  
Cross Section

6-C -13  
-58.83 To 0.153 %



23

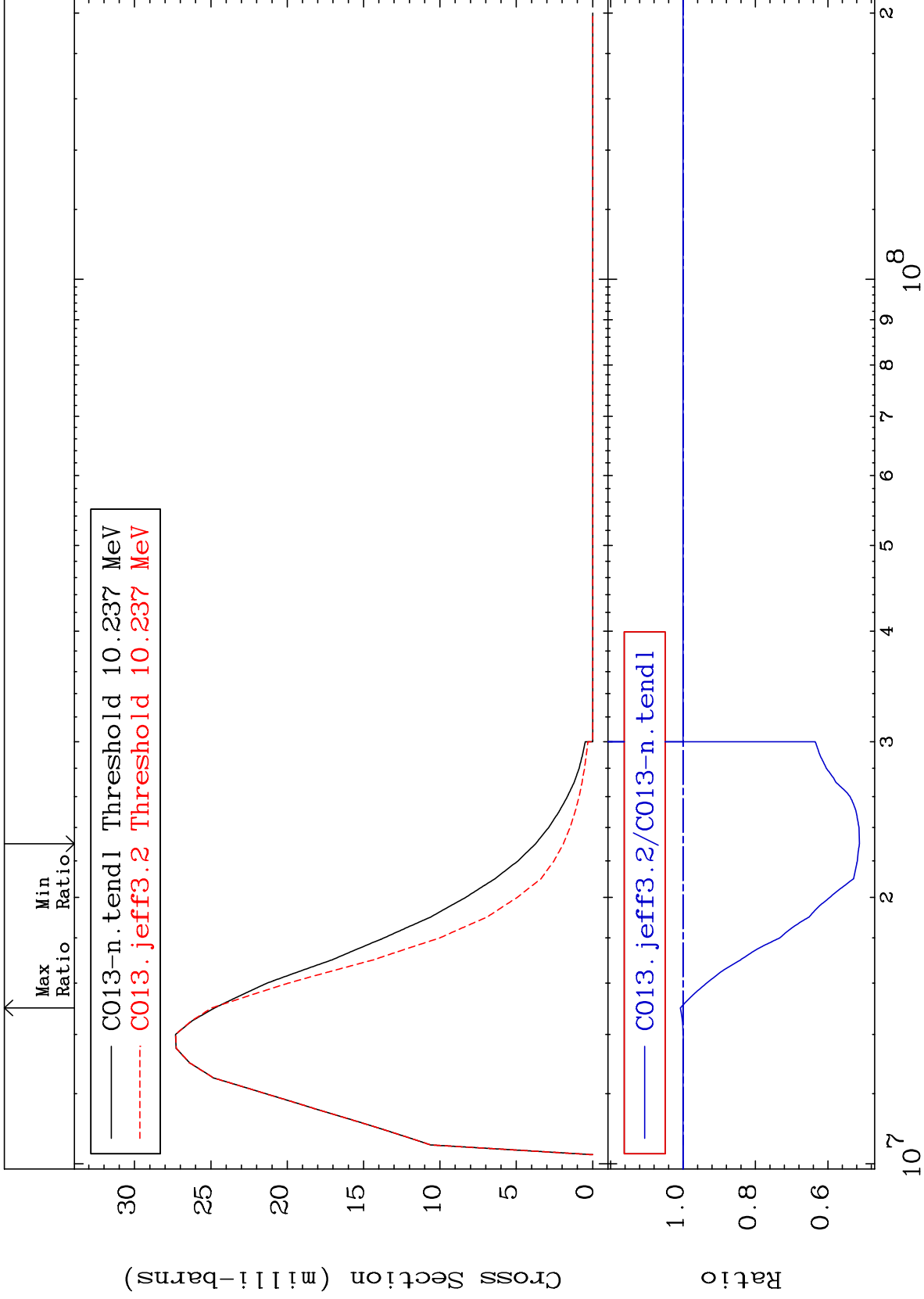
Incident Energy (eV)

6-C -13

MAT 628

9.500 MeV (n,n') Level  
Cross Section

6-C -13  
-48.73 To 0.742 %



24

Incident Energy (eV)

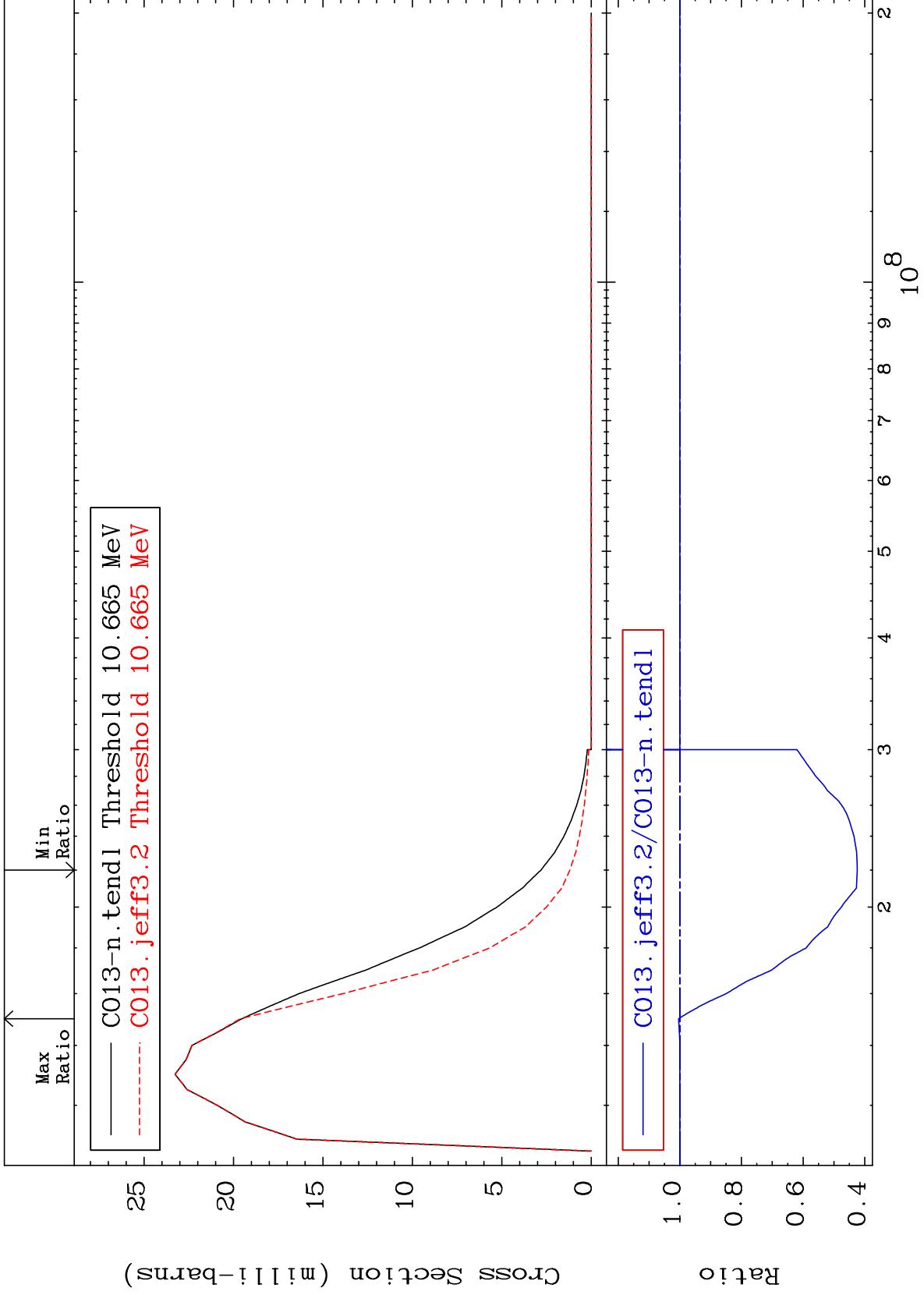
6-C -13



MAT 628

9.897 MeV (n,n') Level  
Cross Section

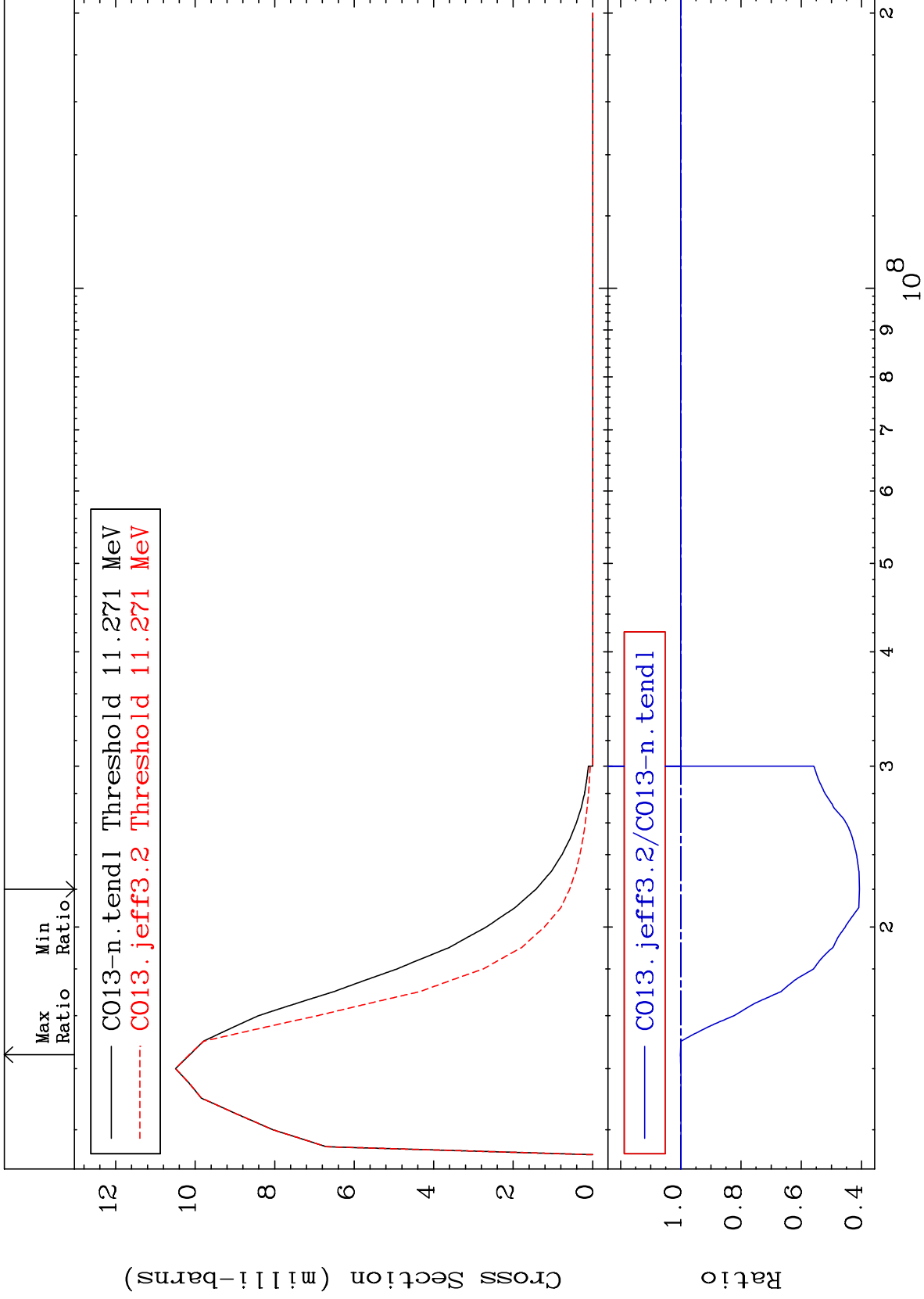
6-C -13  
-57.59 To 0.408 %



25

Incident Energy (eV)

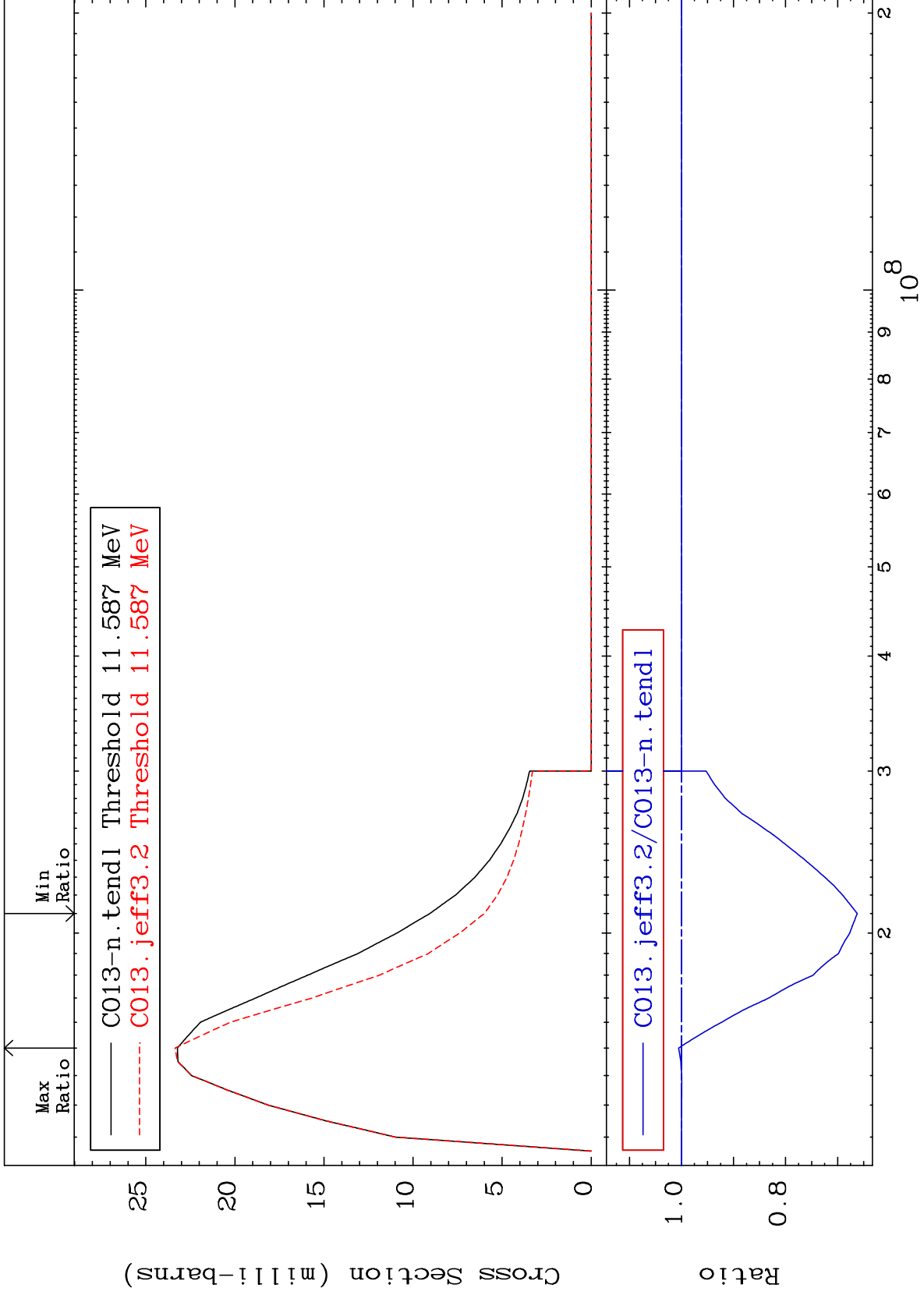
6-C -13



MAT 628

10.75 MeV (n,n') Level  
Cross Section

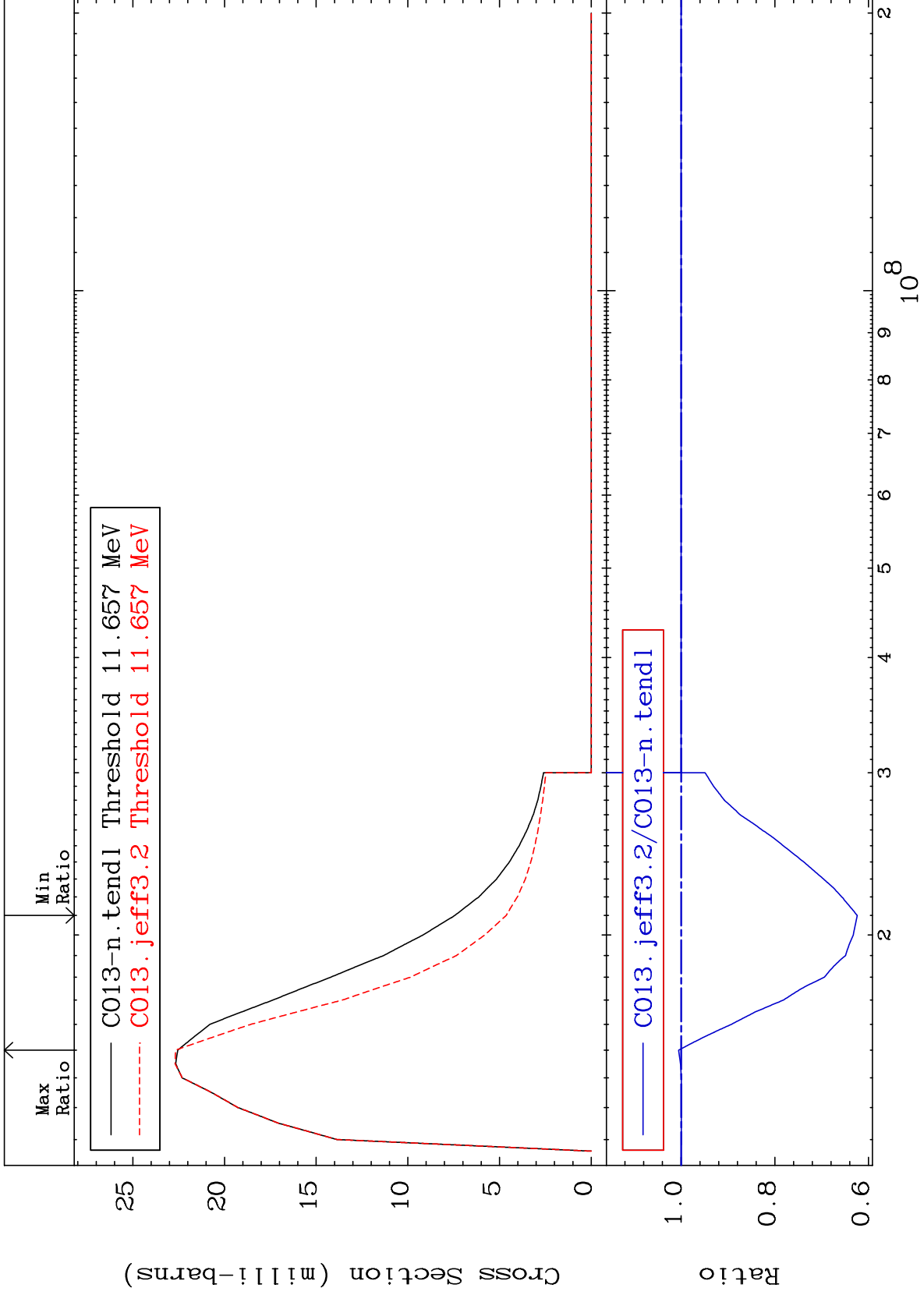
6-C -13  
-33.77 To 0.548 %

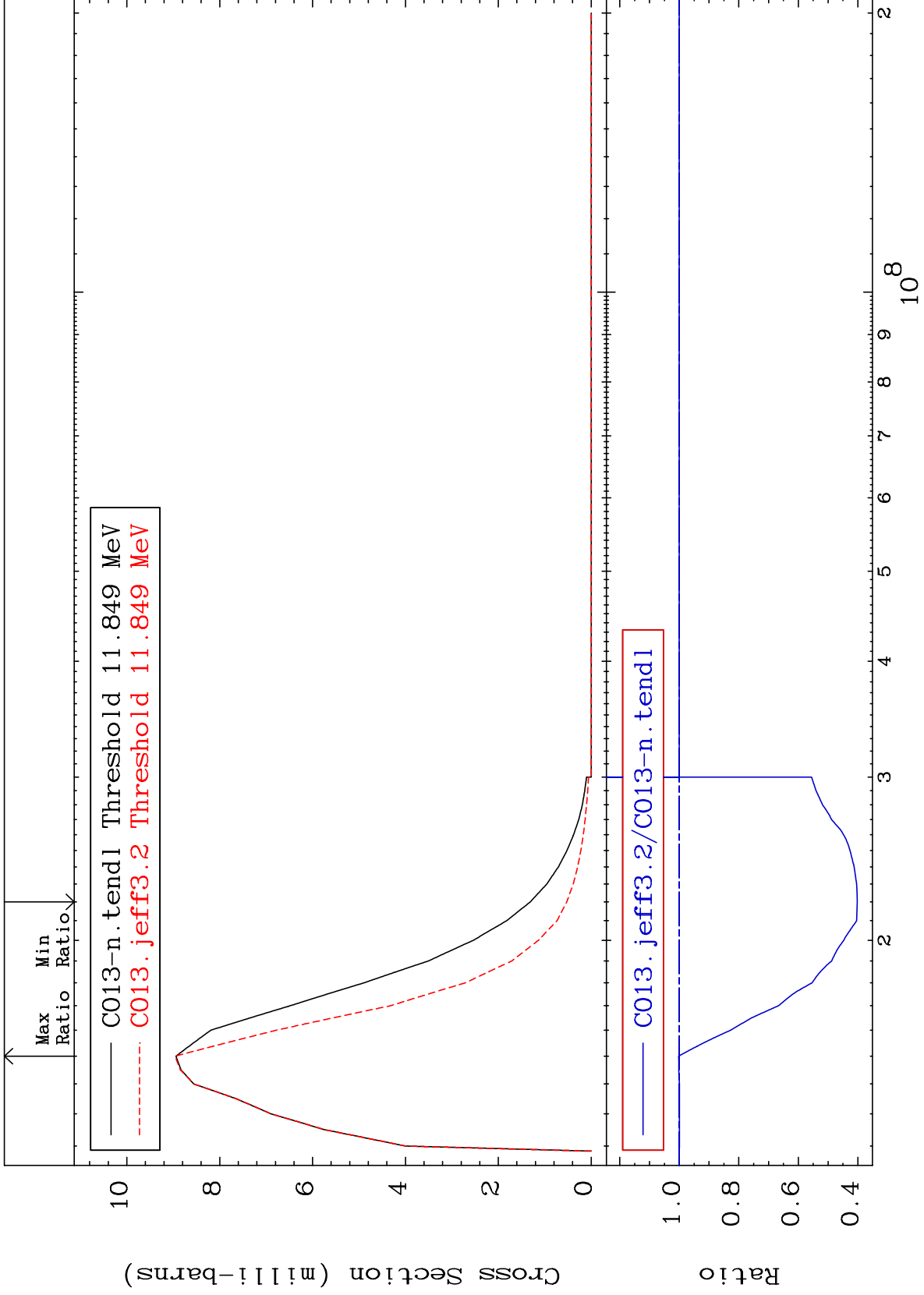


MAT 628

10.82 MeV (n,n') Level  
Cross Section

6-C -13  
-37.60 To 0.543 %

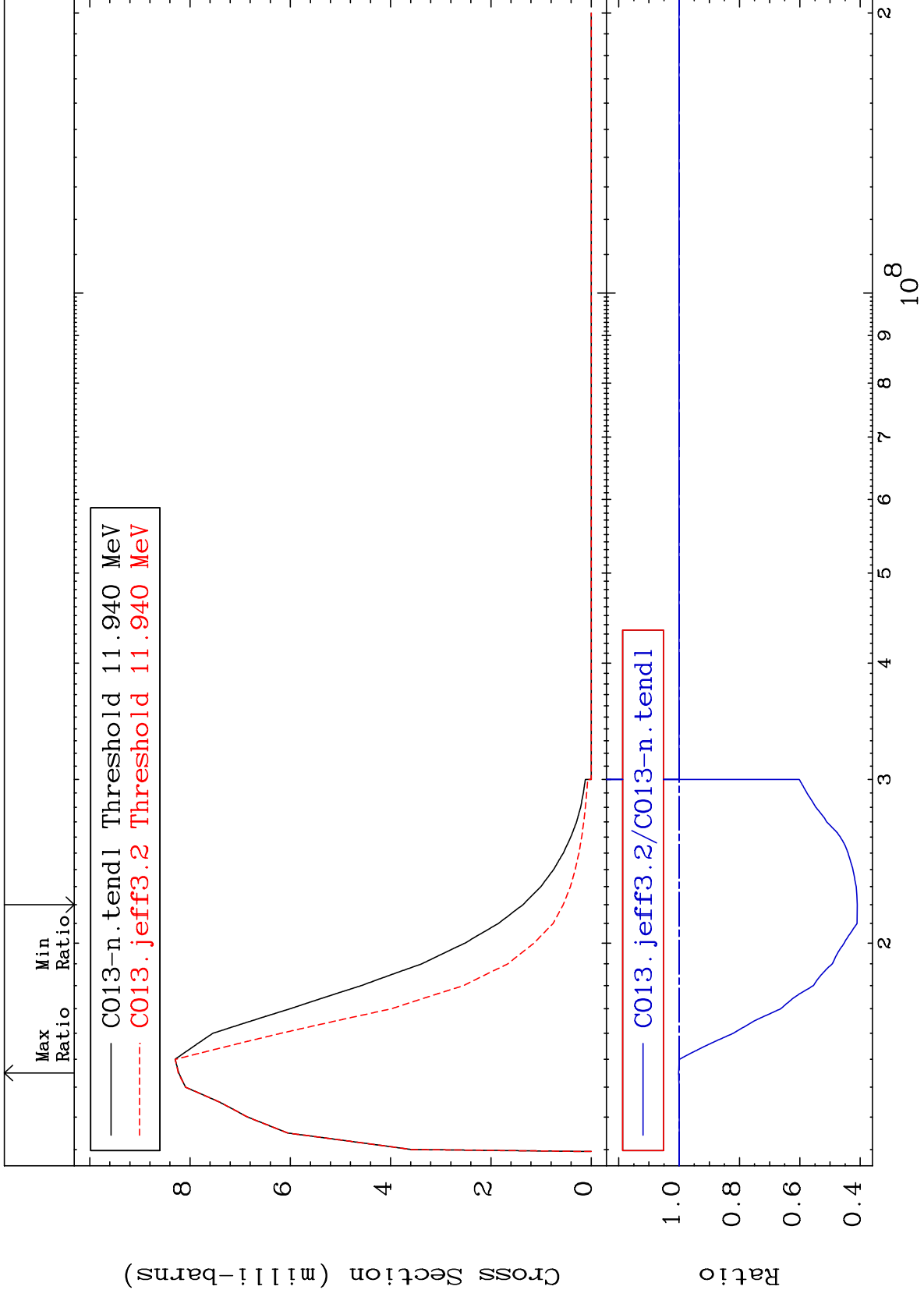




MAT 628

11.08 MeV (n,n') Level  
Cross Section

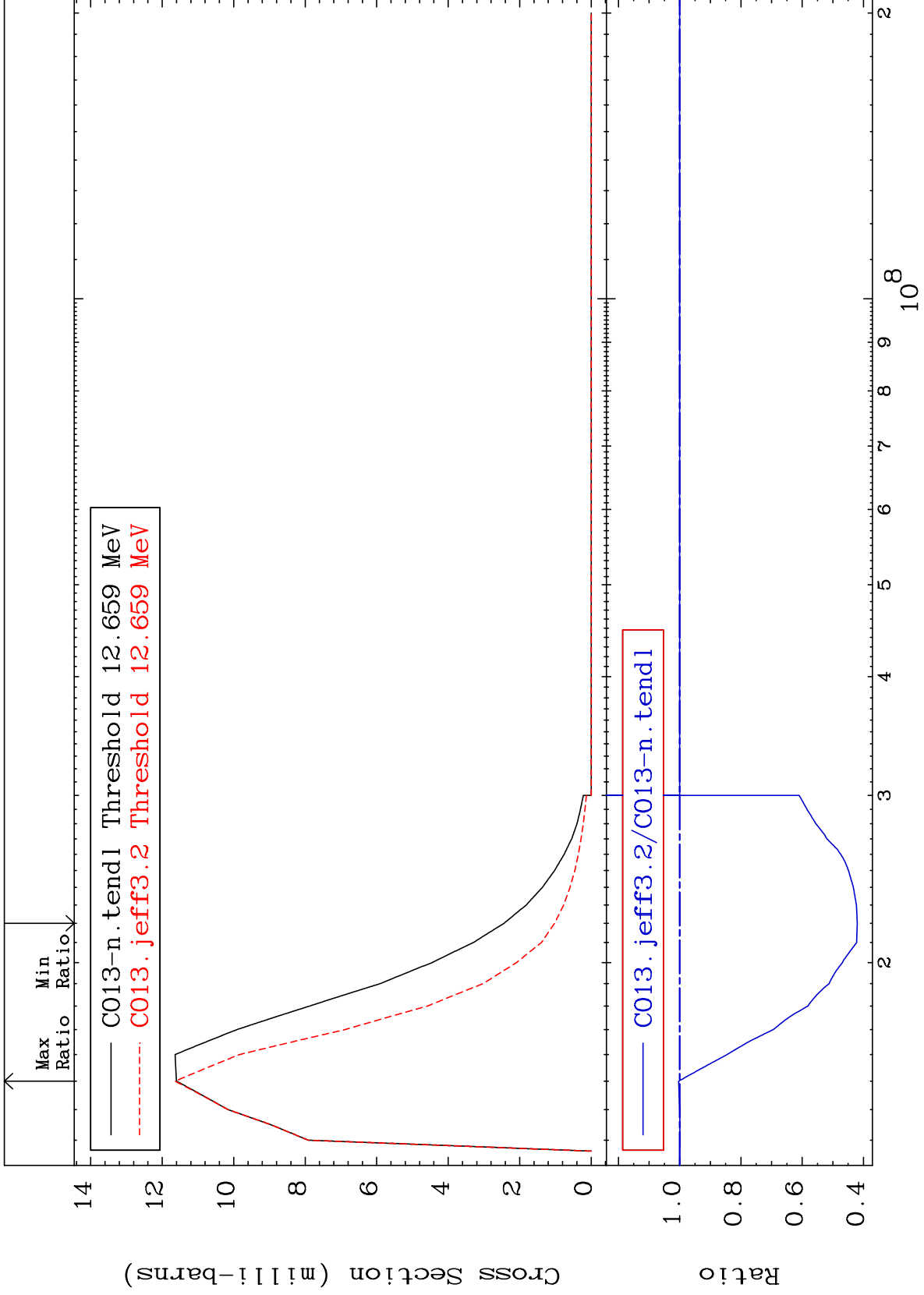
6-C -13  
-59.02 To 0.154 %



30

Incident Energy (eV)

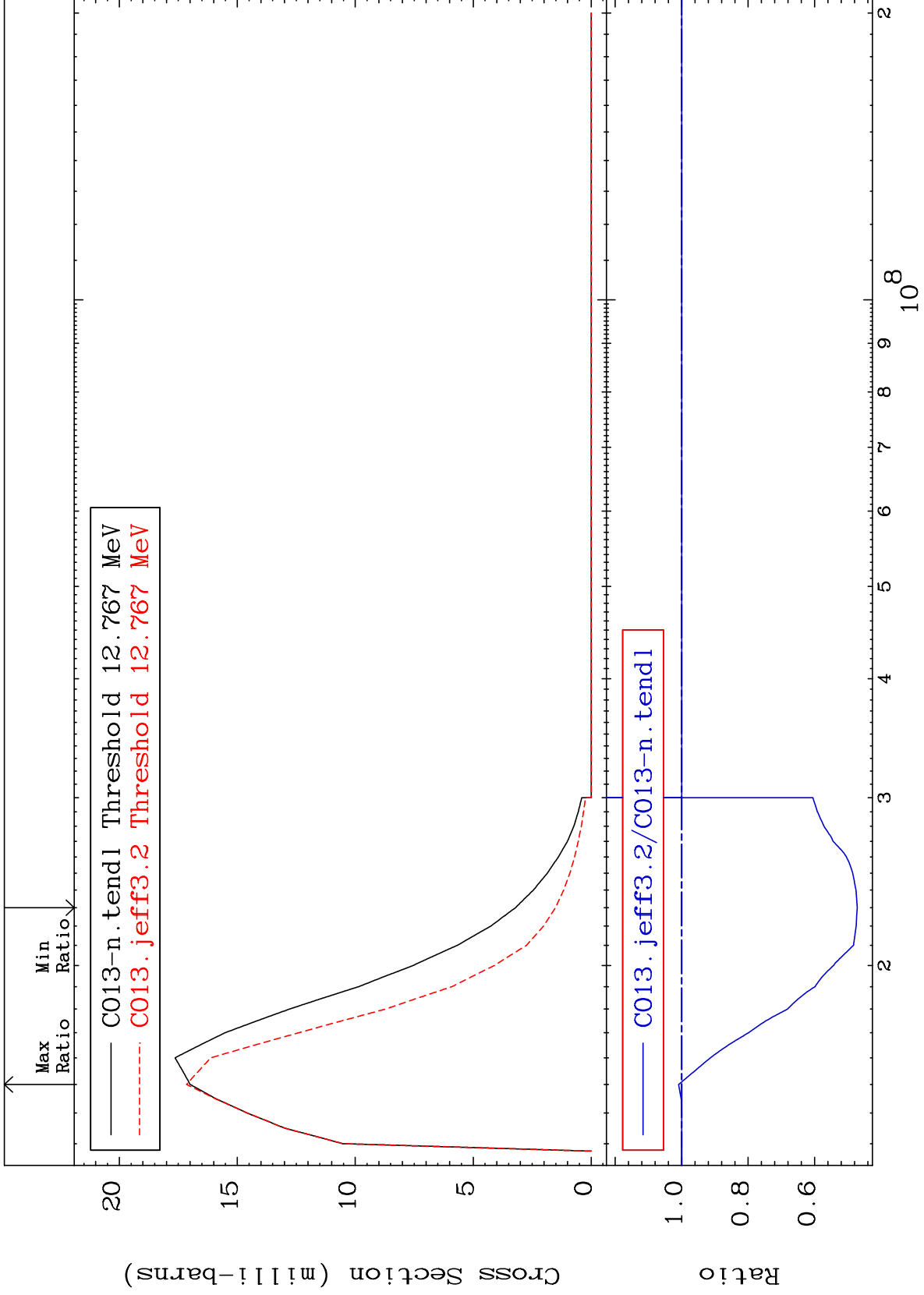
6-C -13



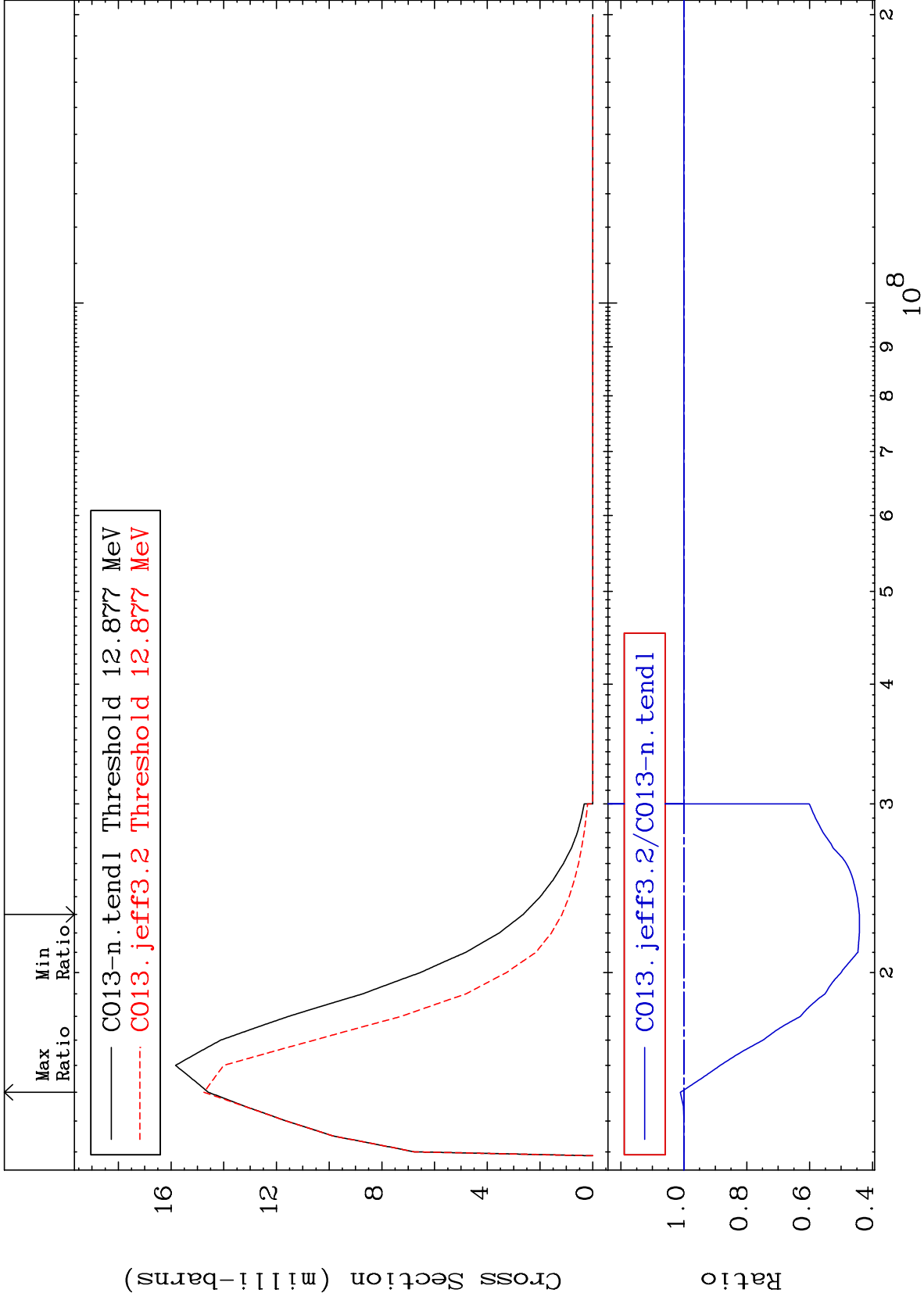
MAT 628

11.85 MeV (n,n') Level  
Cross Section

6-C -13  
-52.82 To 0.911 %



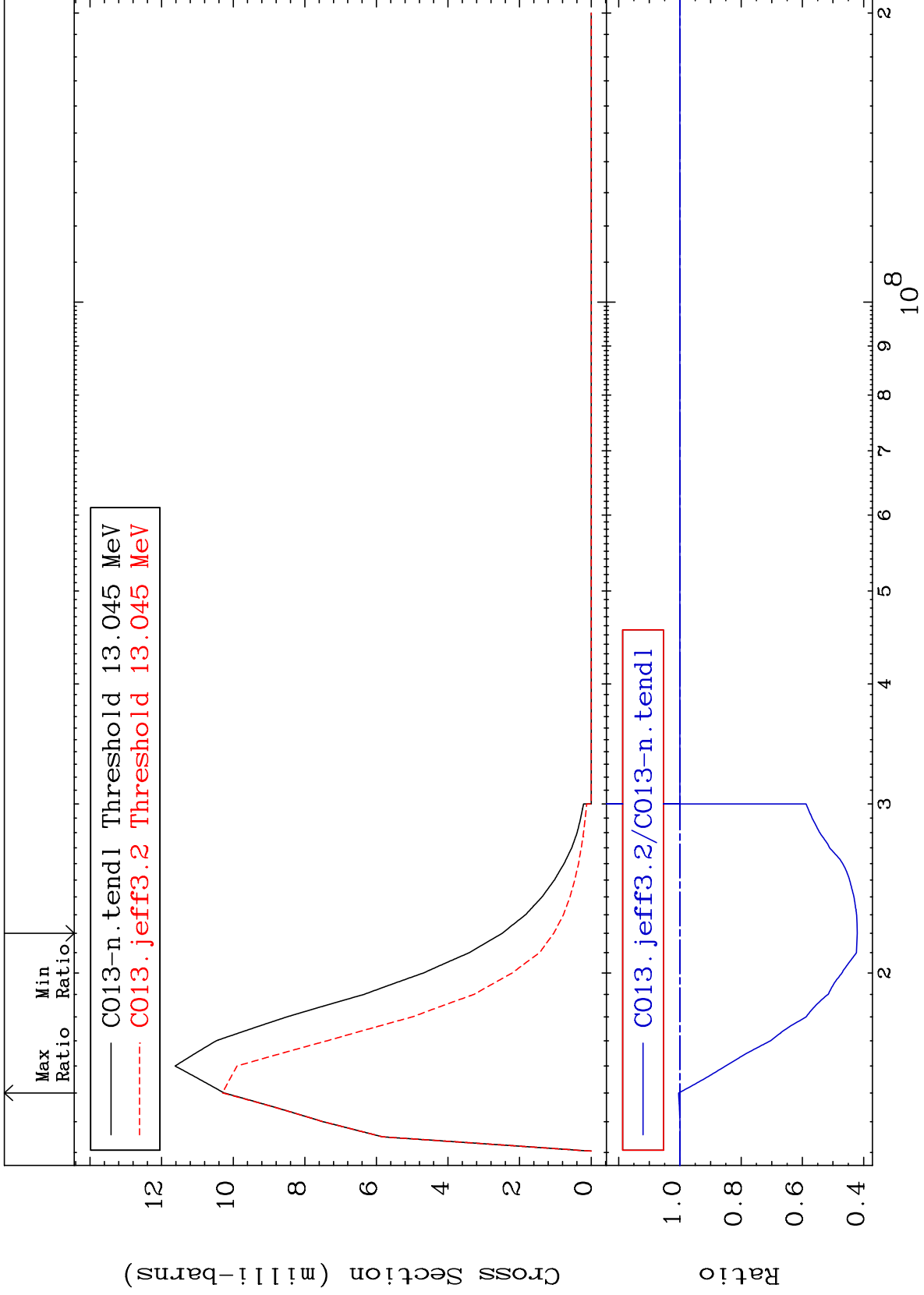




MAT 628

12.11 MeV (n,n') Level  
Cross Section

6-C -13  
-57.92 To 0.413 %



34

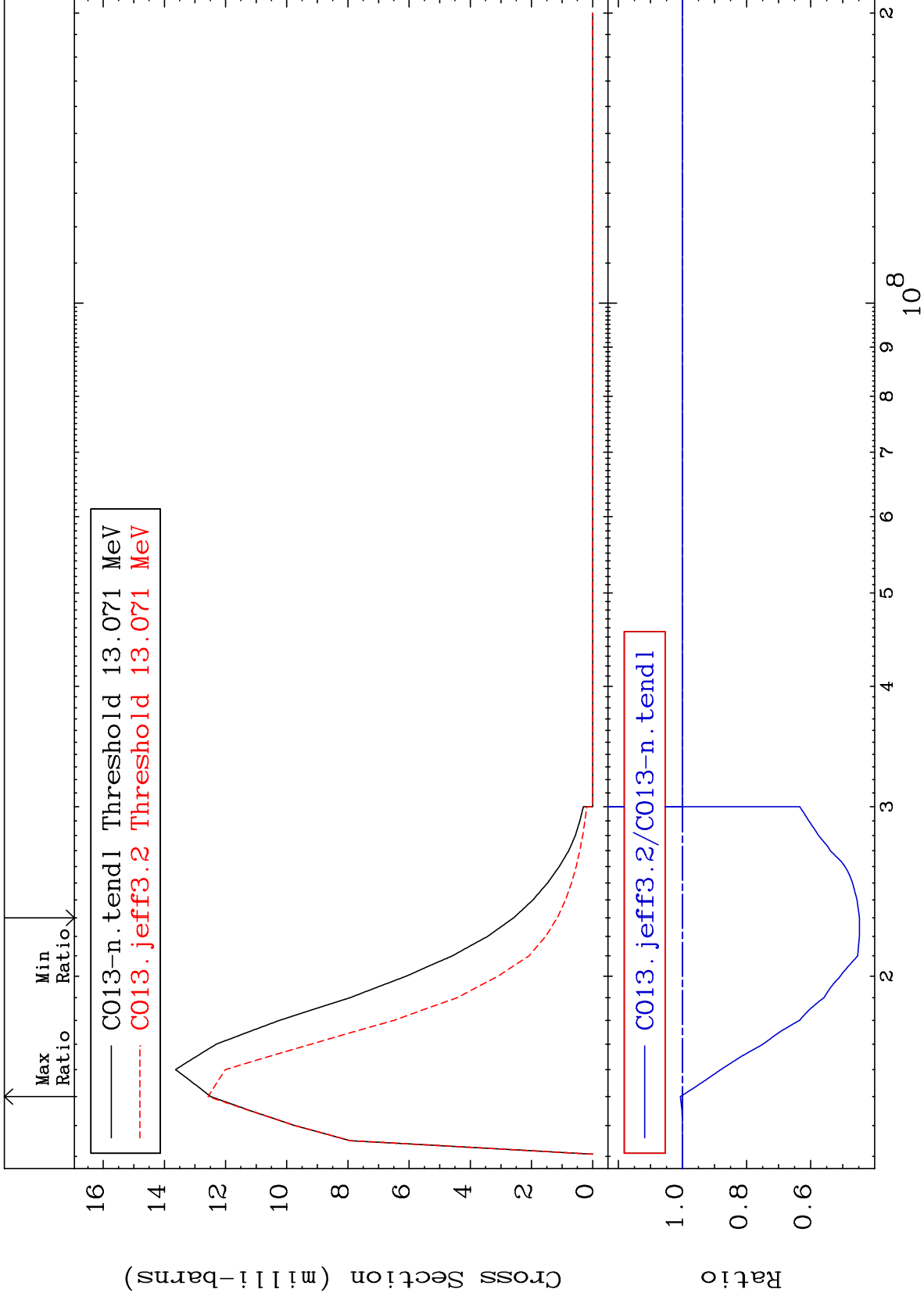
Incident Energy (eV)

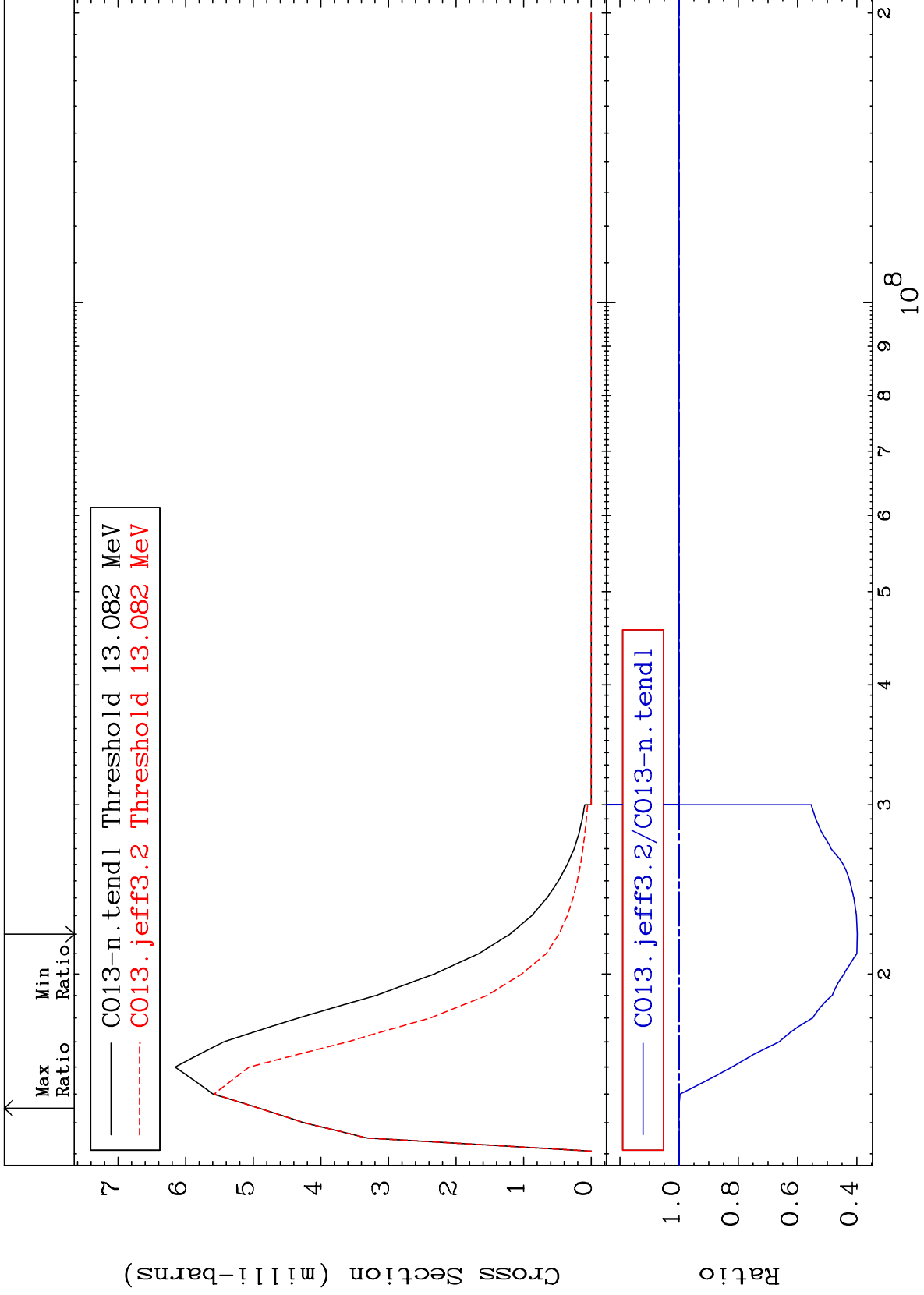
6-C -13

MAT 628

12.13 MeV (n,n') Level  
Cross Section

6-C -13  
-55.22 To 0.665 %

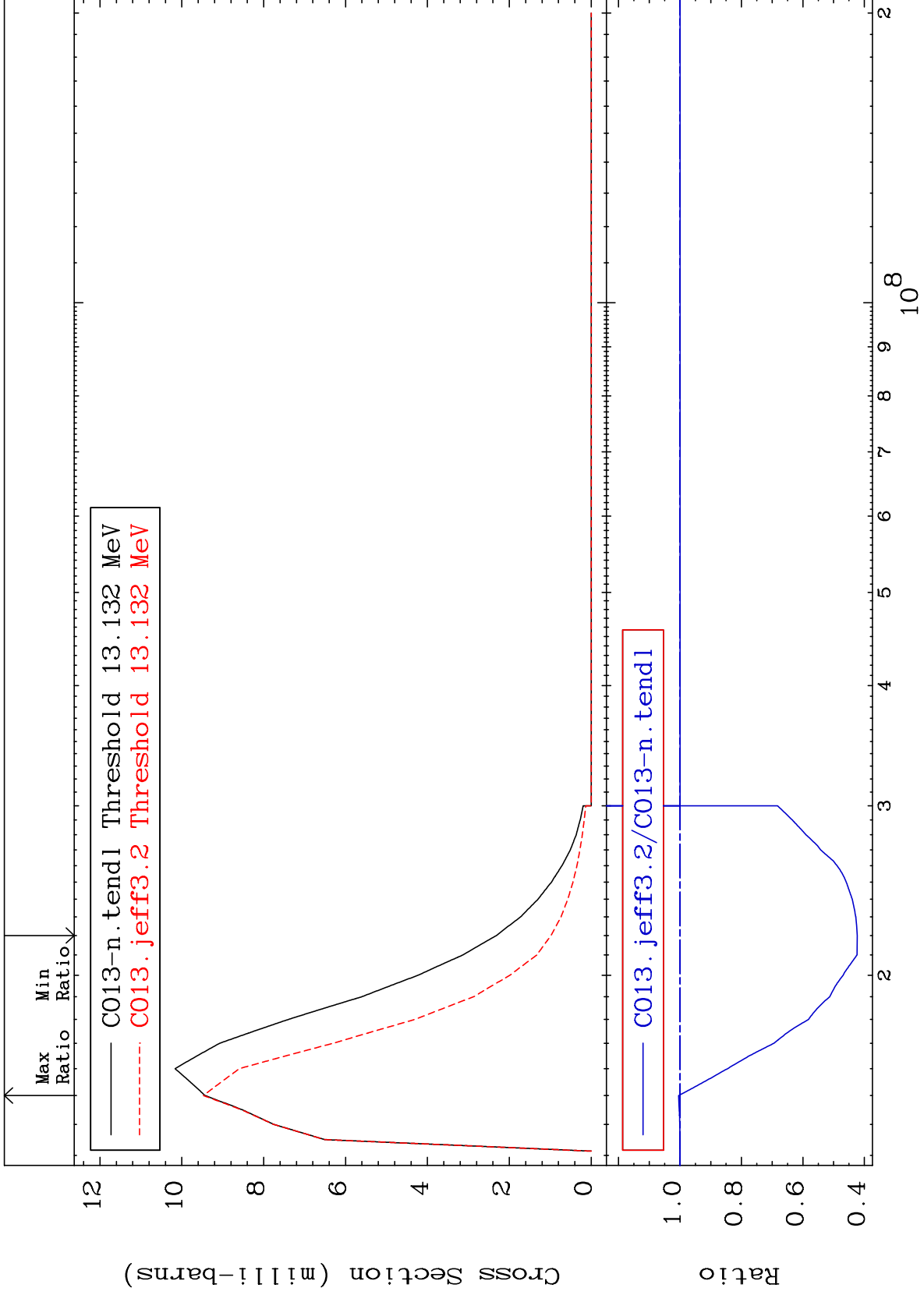


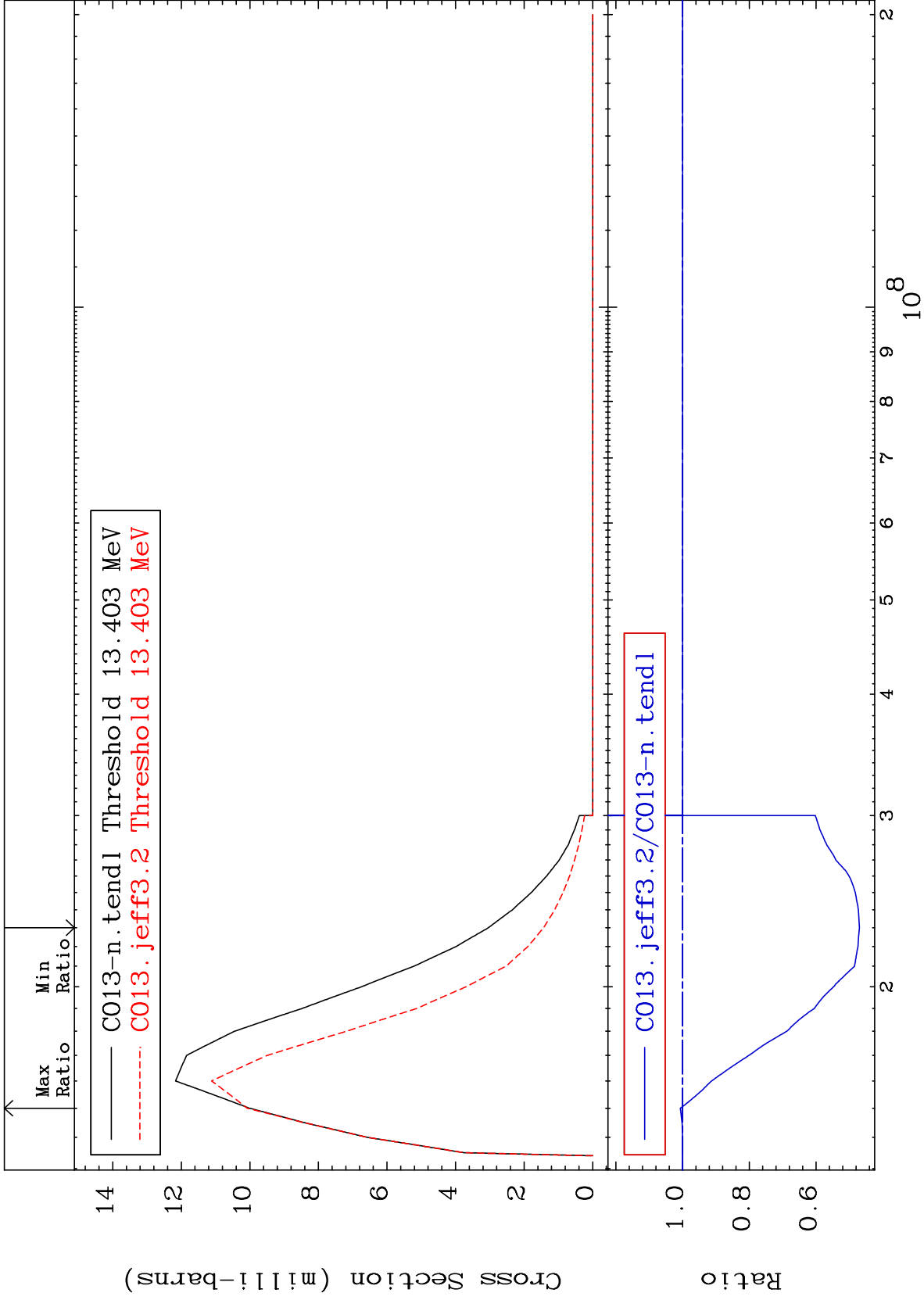


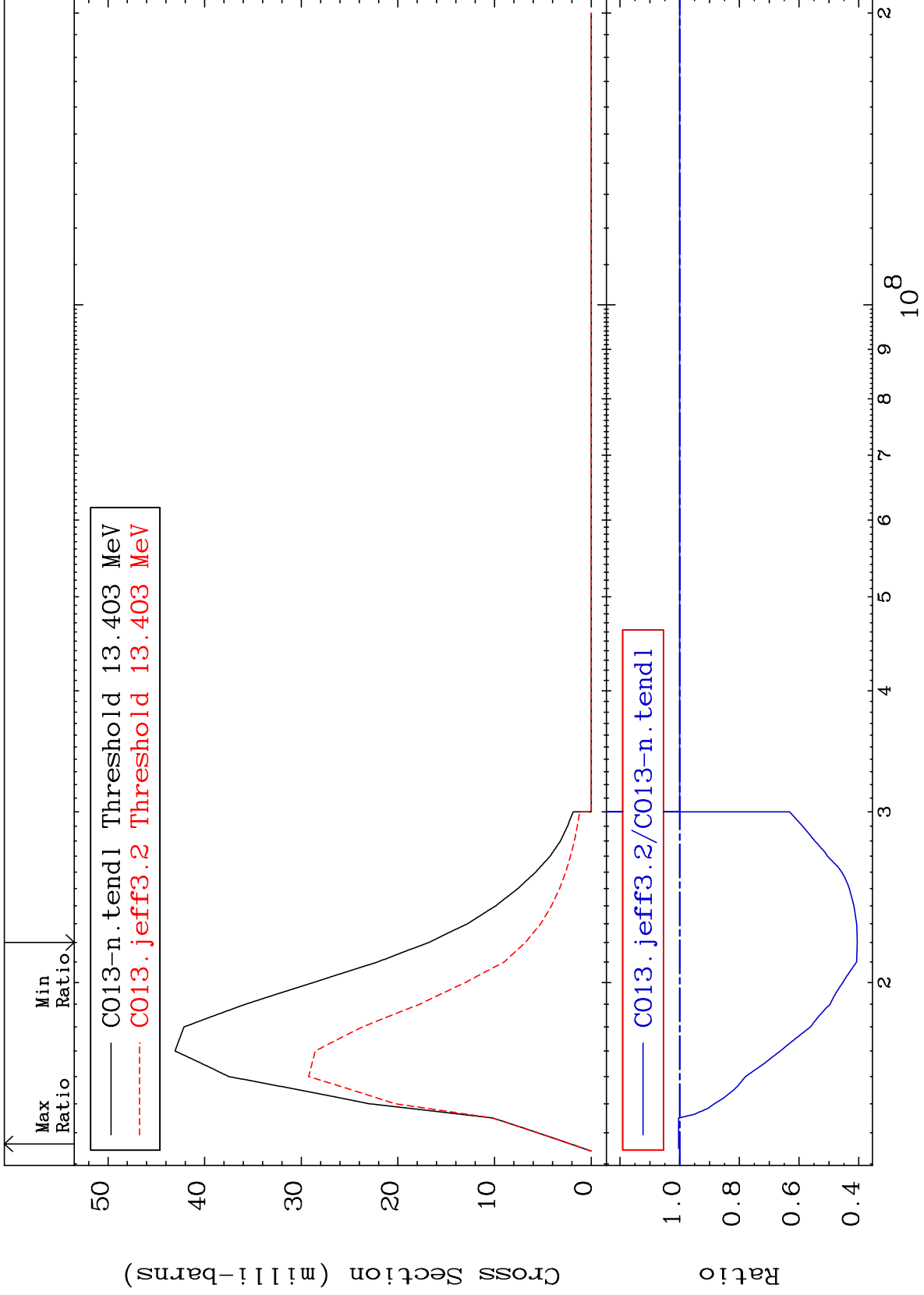
MAT 628

12.19 MeV (n,n') Level  
Cross Section

6-C -13  
-57.69 To 0.450 %



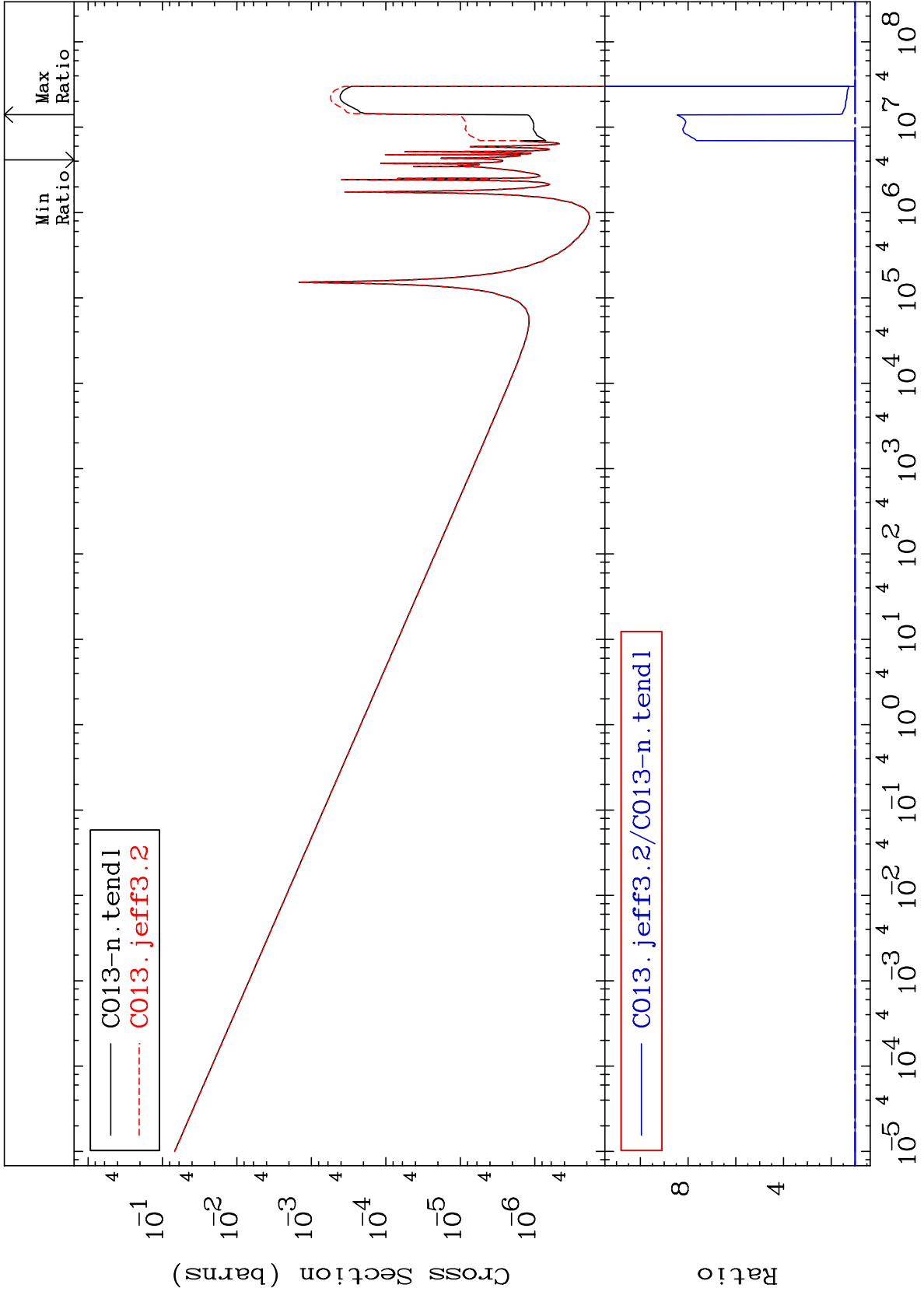




MAT 628

(n,  $\gamma$ )  
Cross Section

6-C -13  
-0.023 To 746.9 %

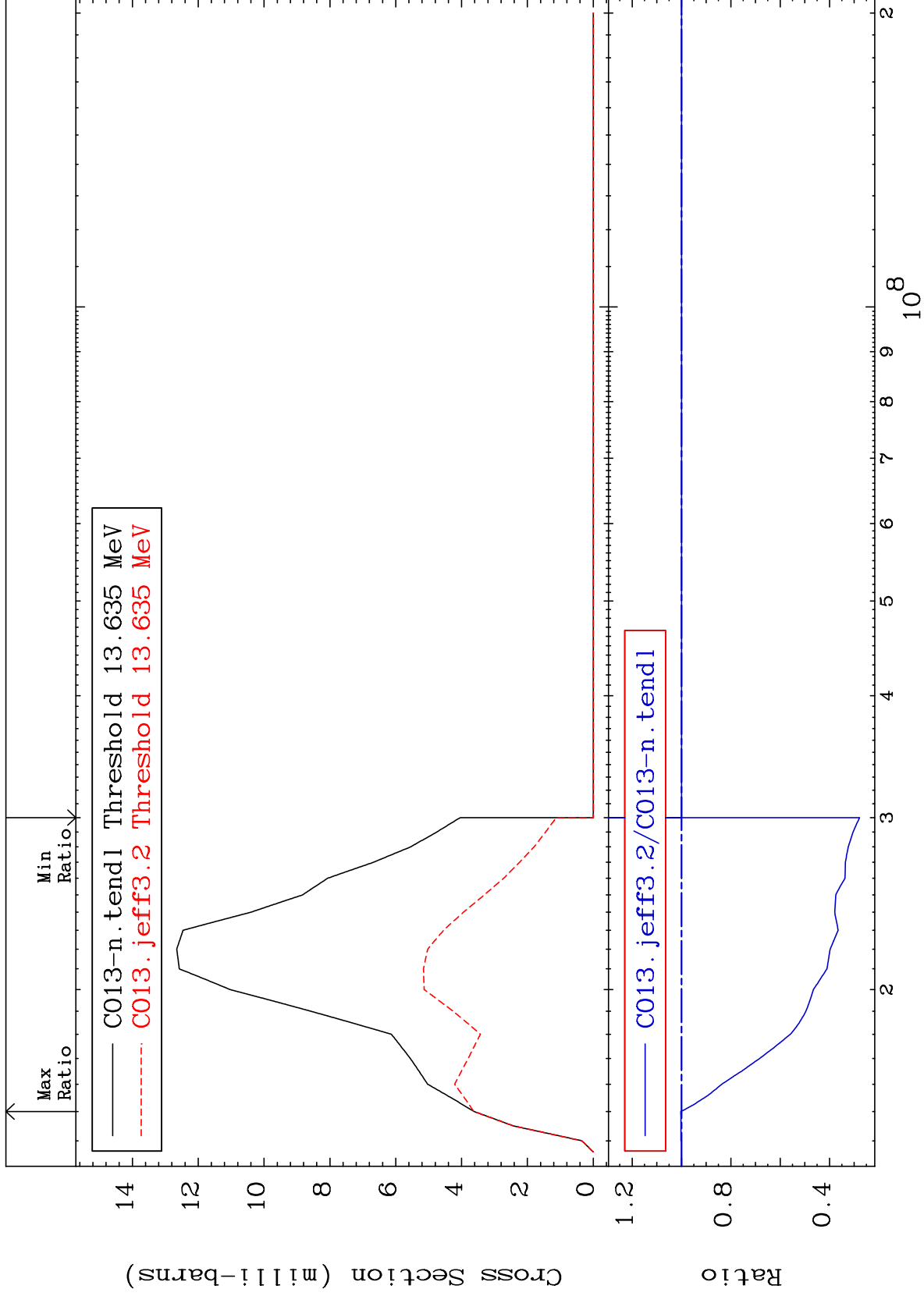


Incident Energy (eV)

40

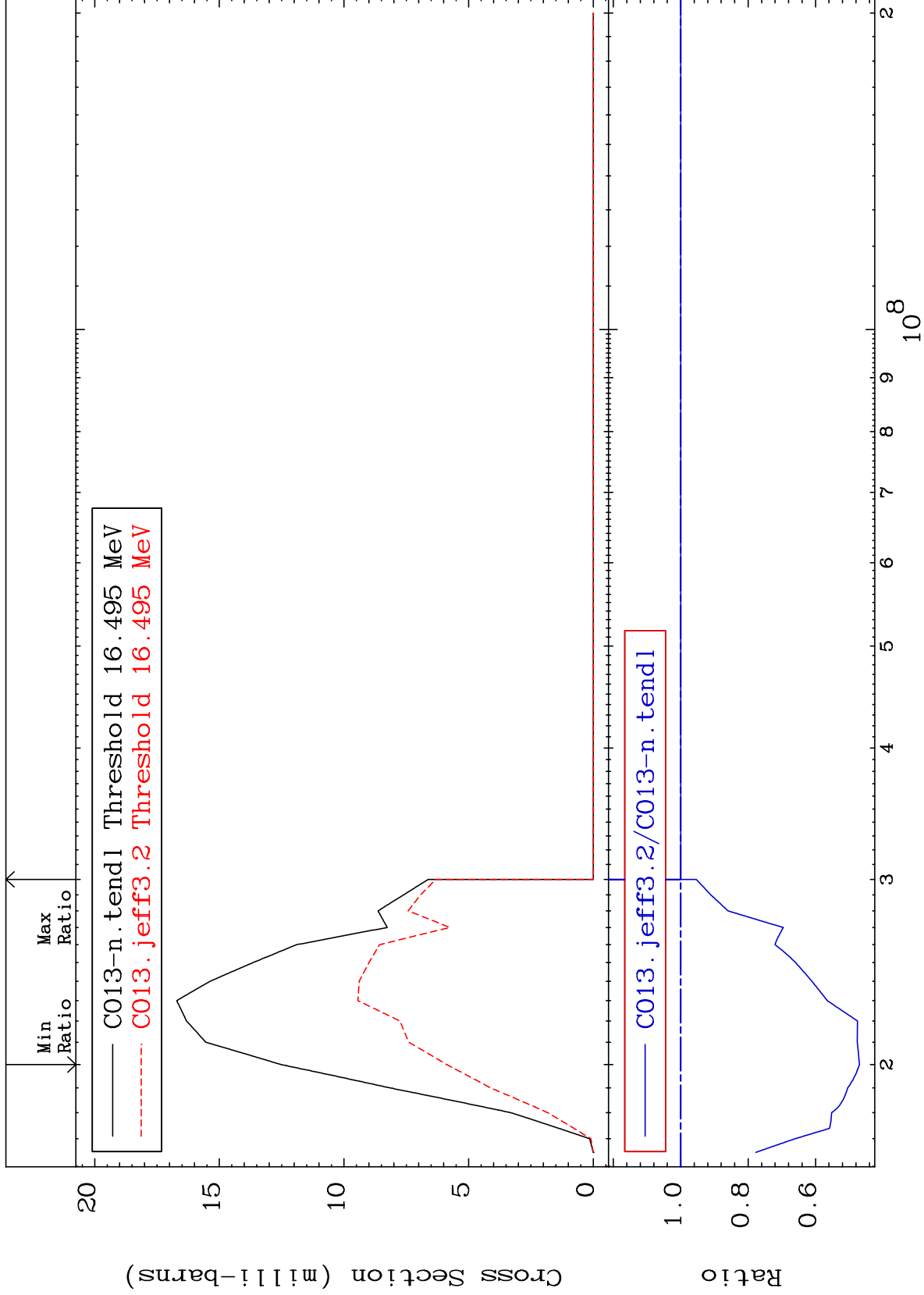
6-C -13

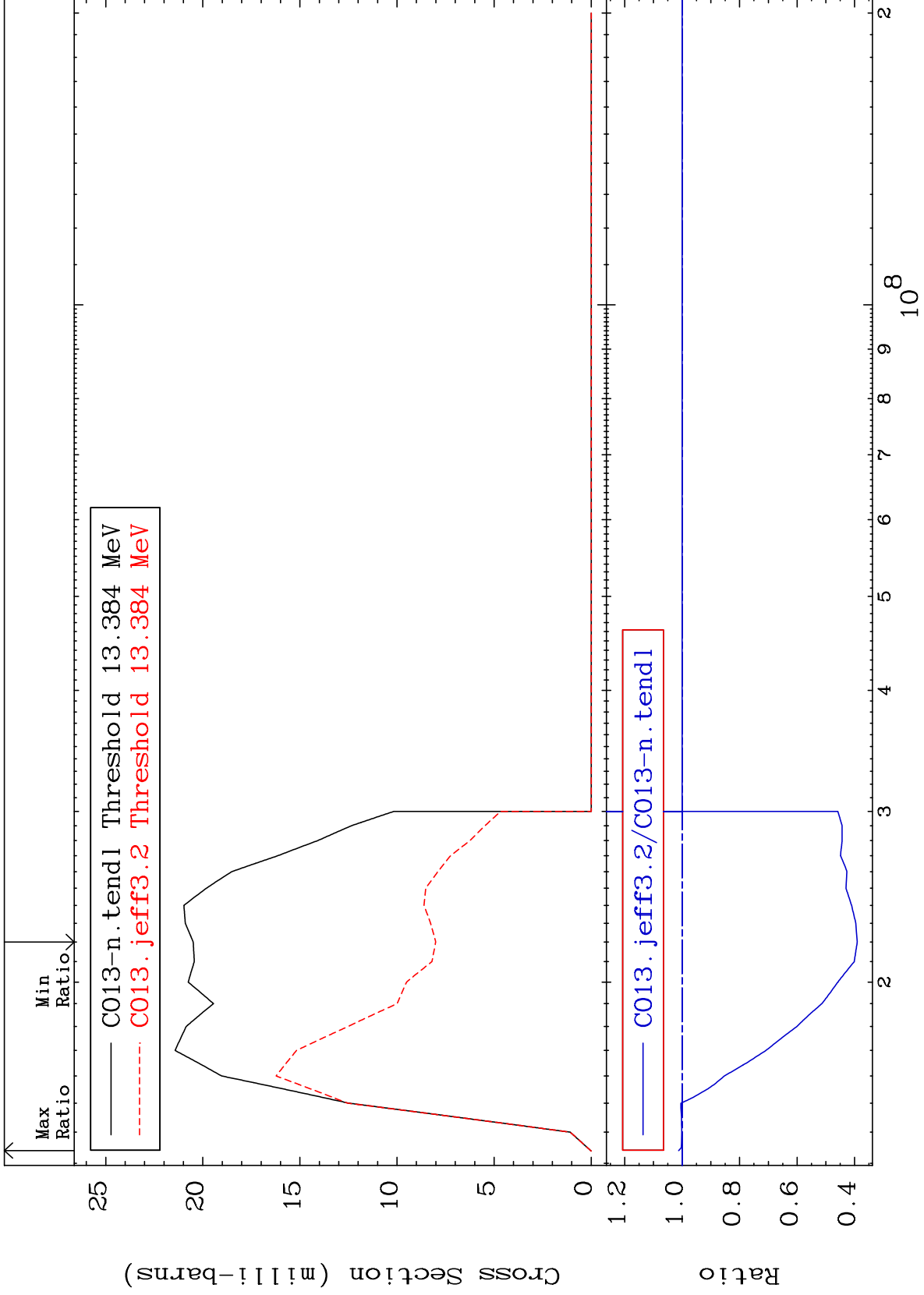


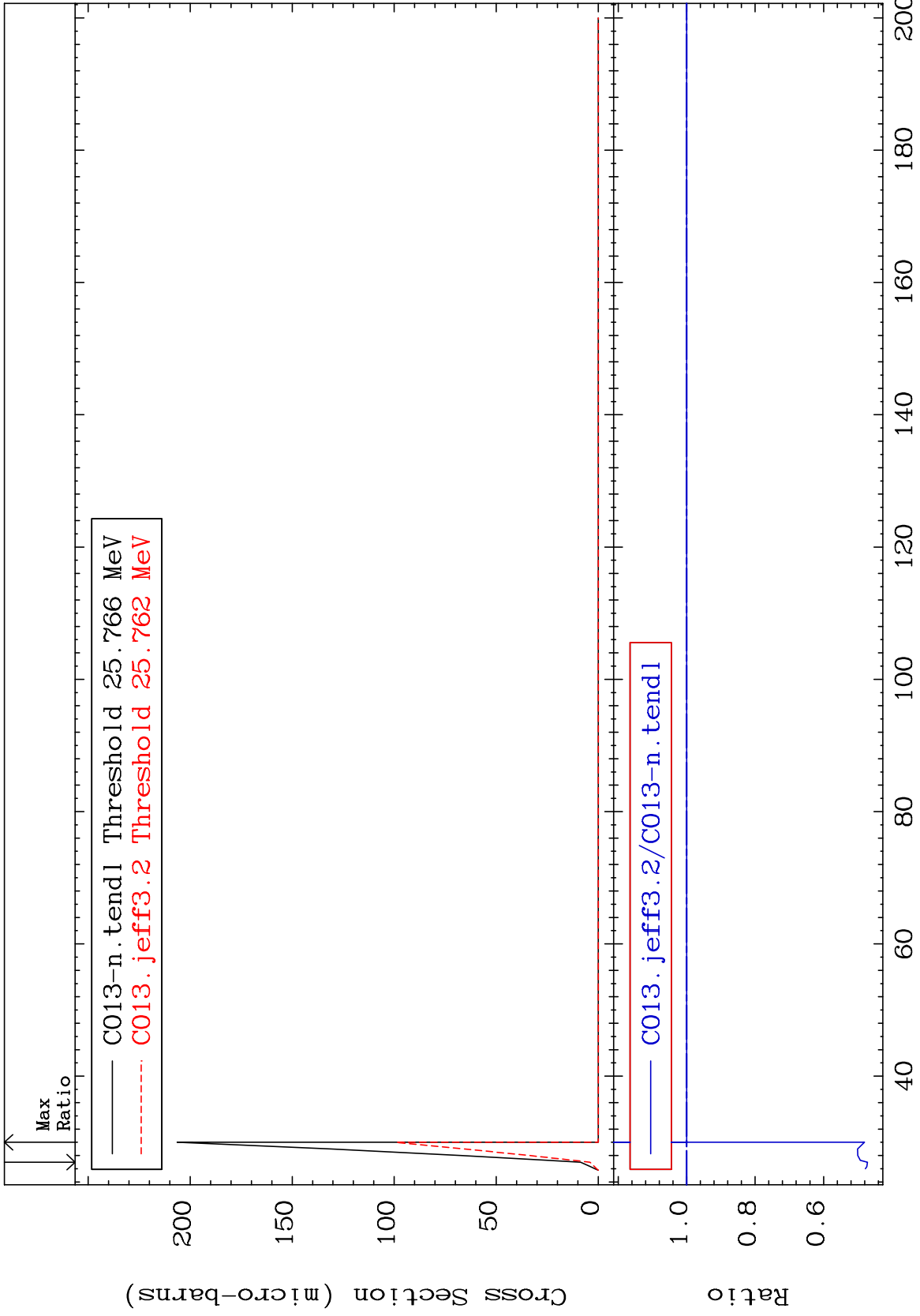


Cross Section

-53.05 To 0.000 %







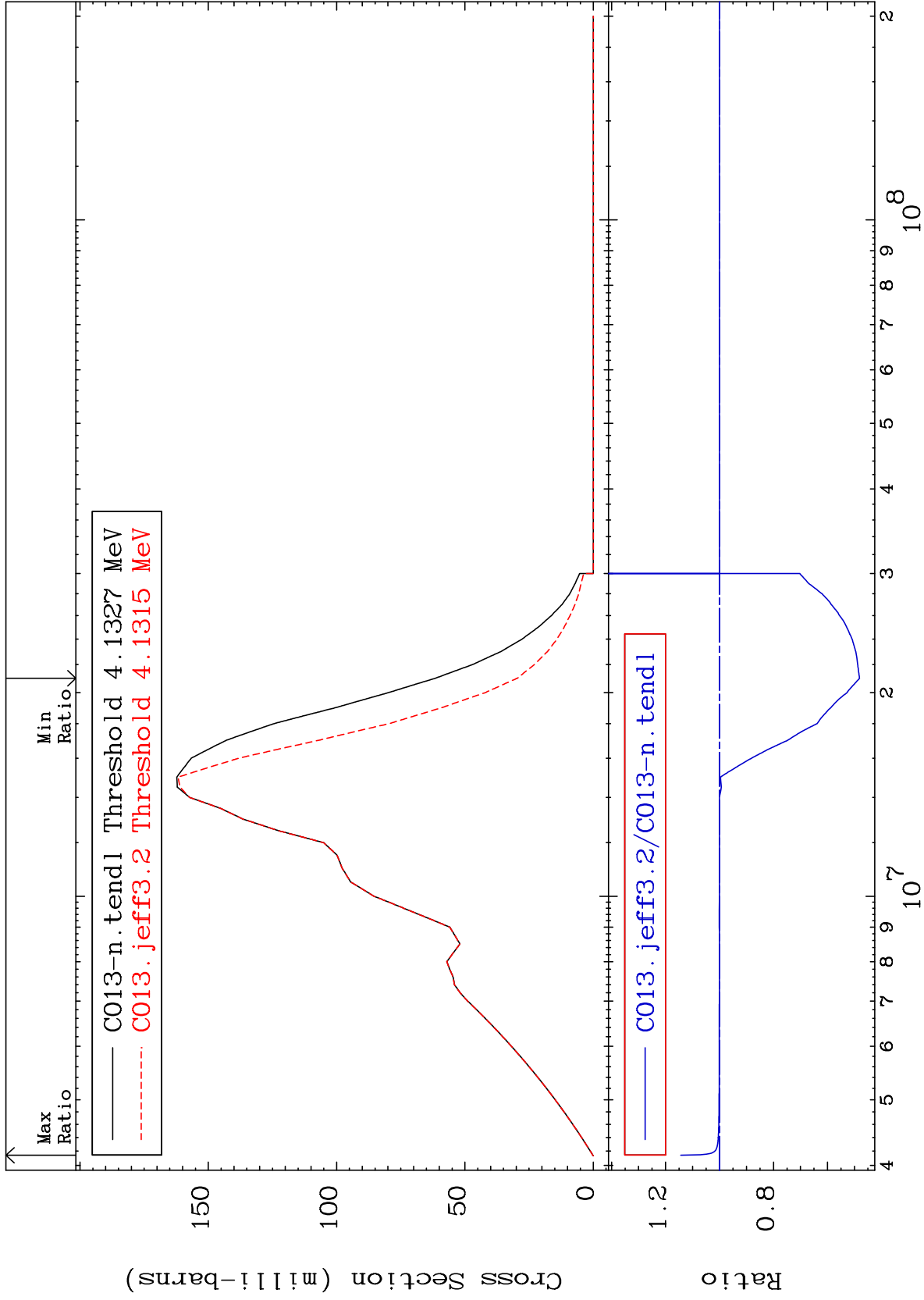
MAT 628

(n,  $\alpha$ )

6-C -13

Cross Section

-51.88 To 14.36 %



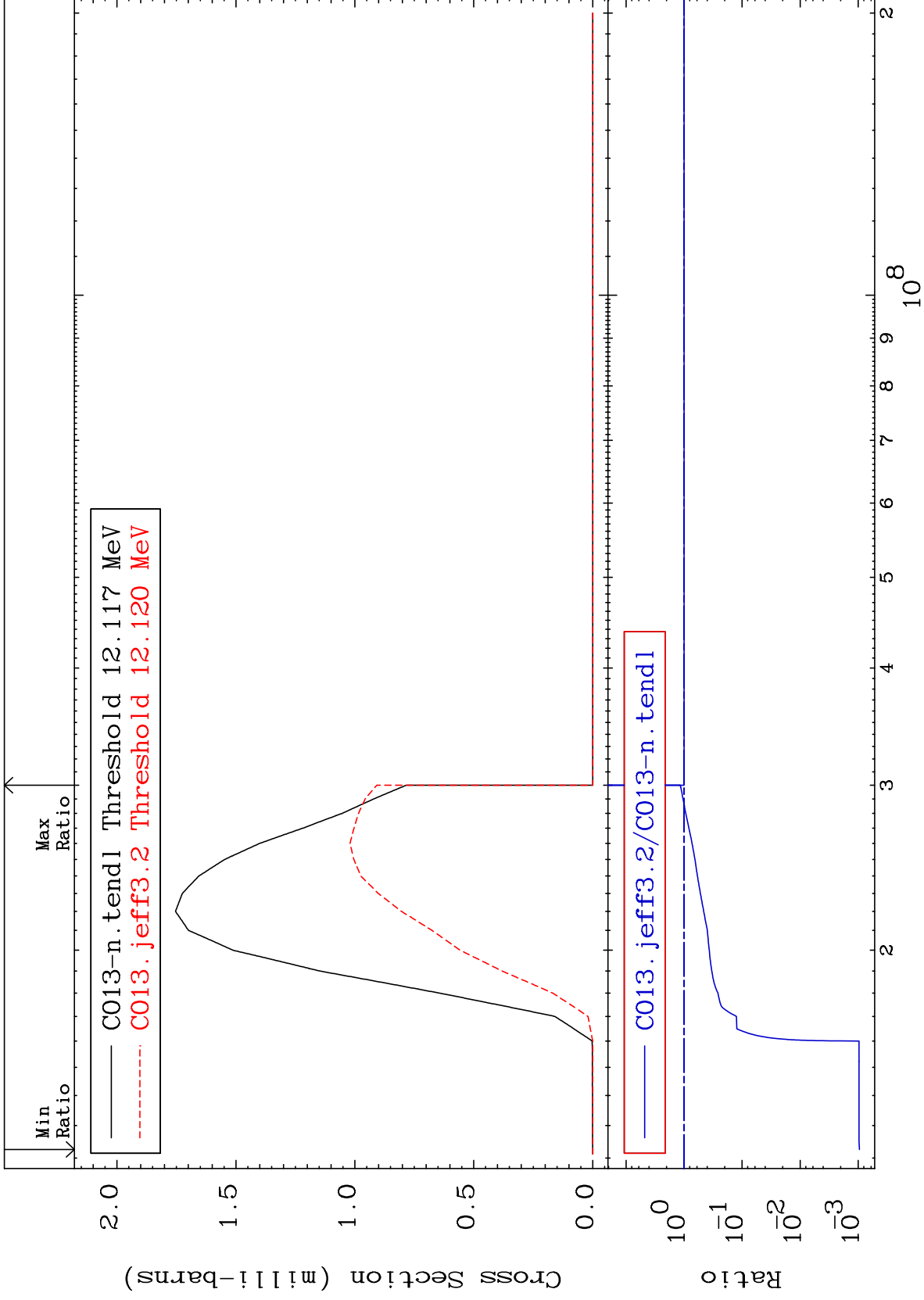
45

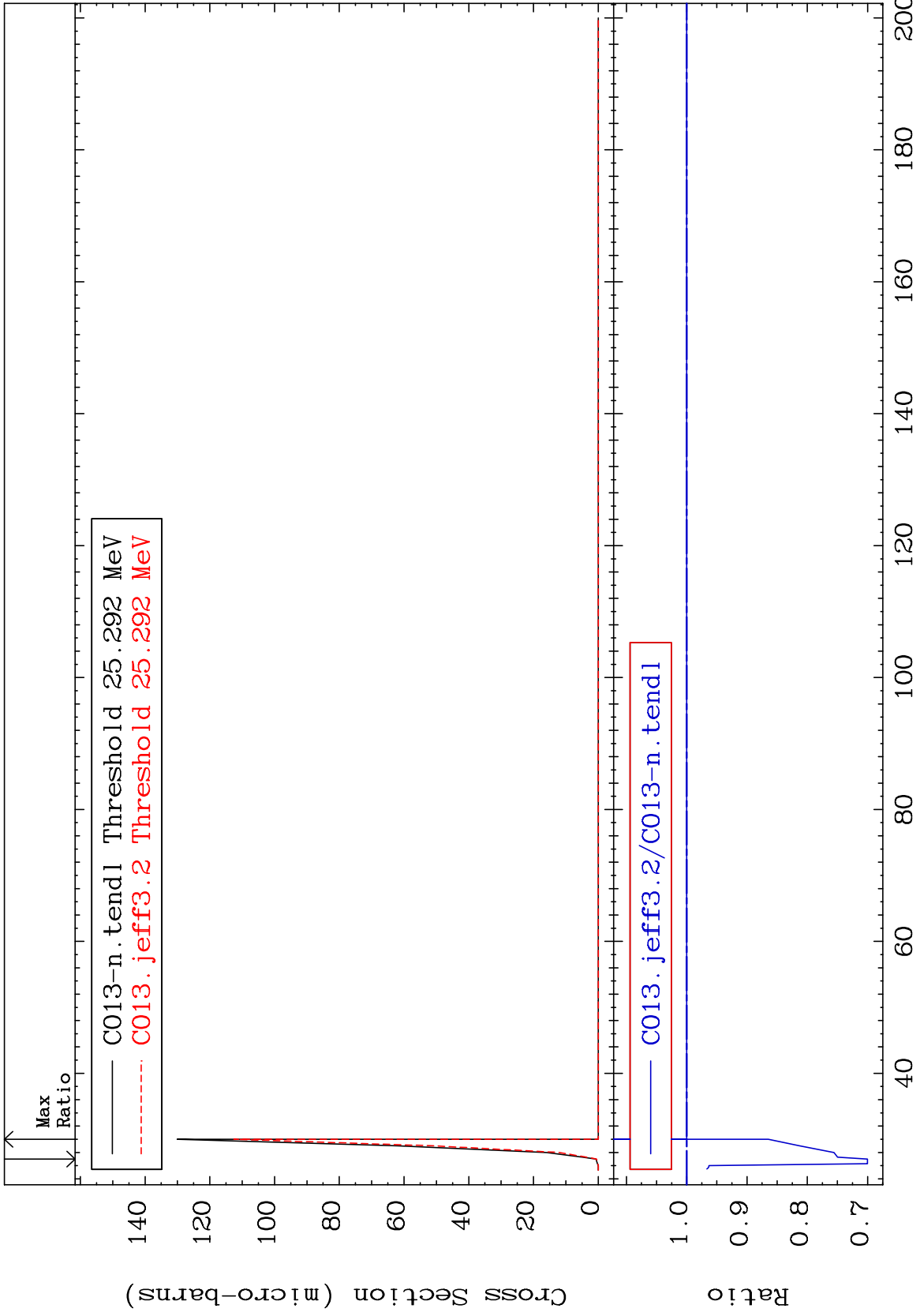
Incident Energy (eV)

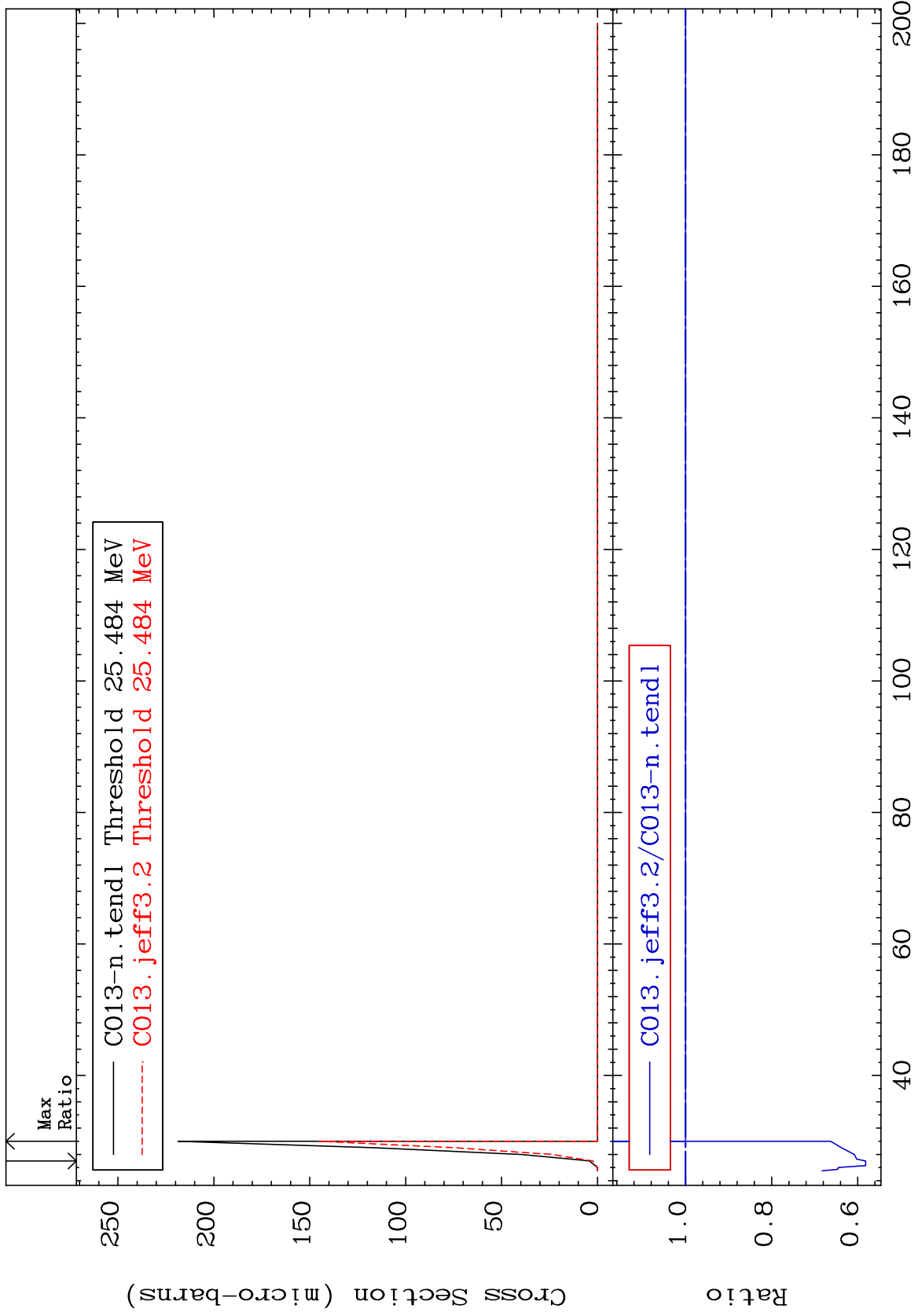
6-C -13

Cross Section

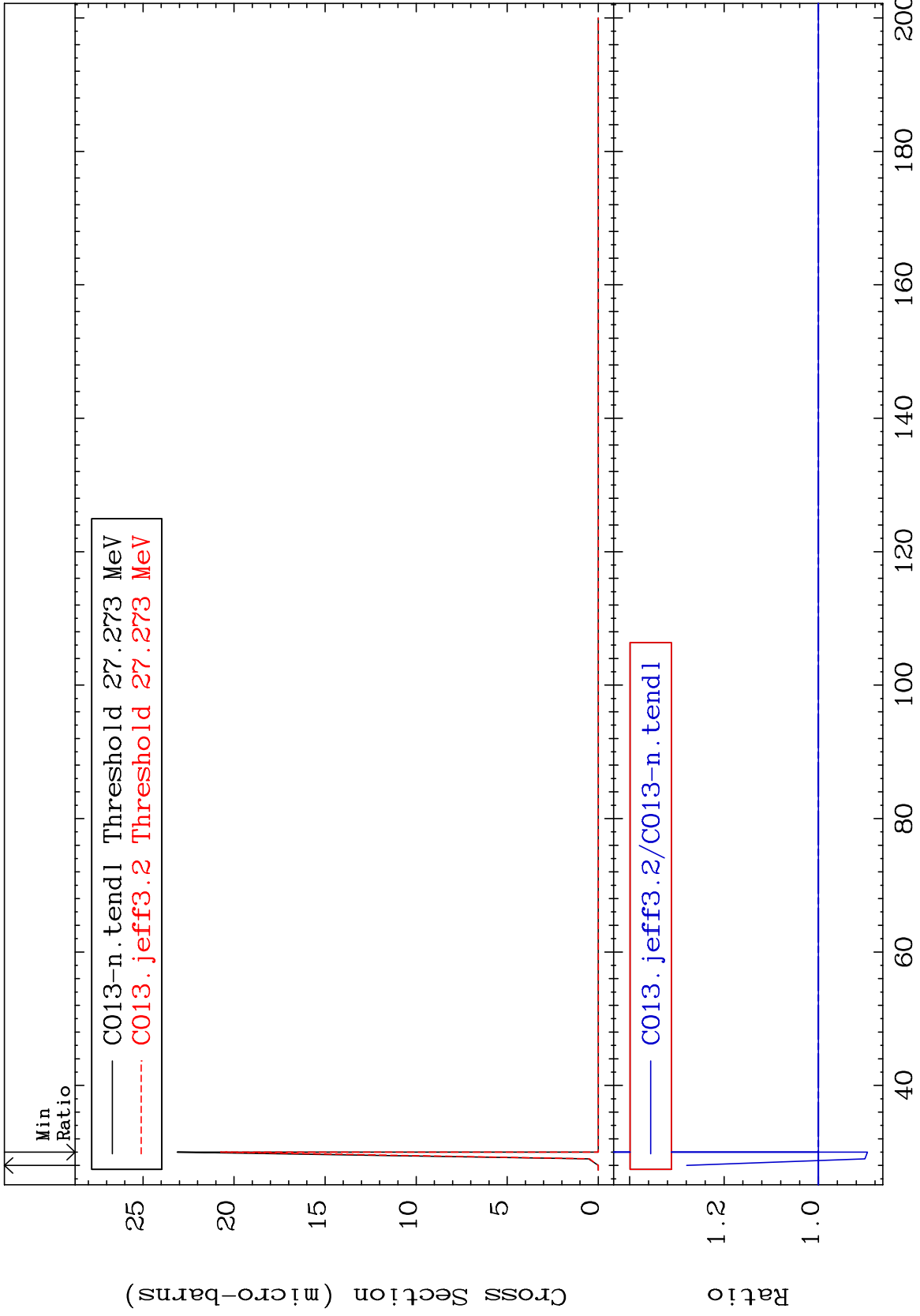
-99.90 To 15.84 %

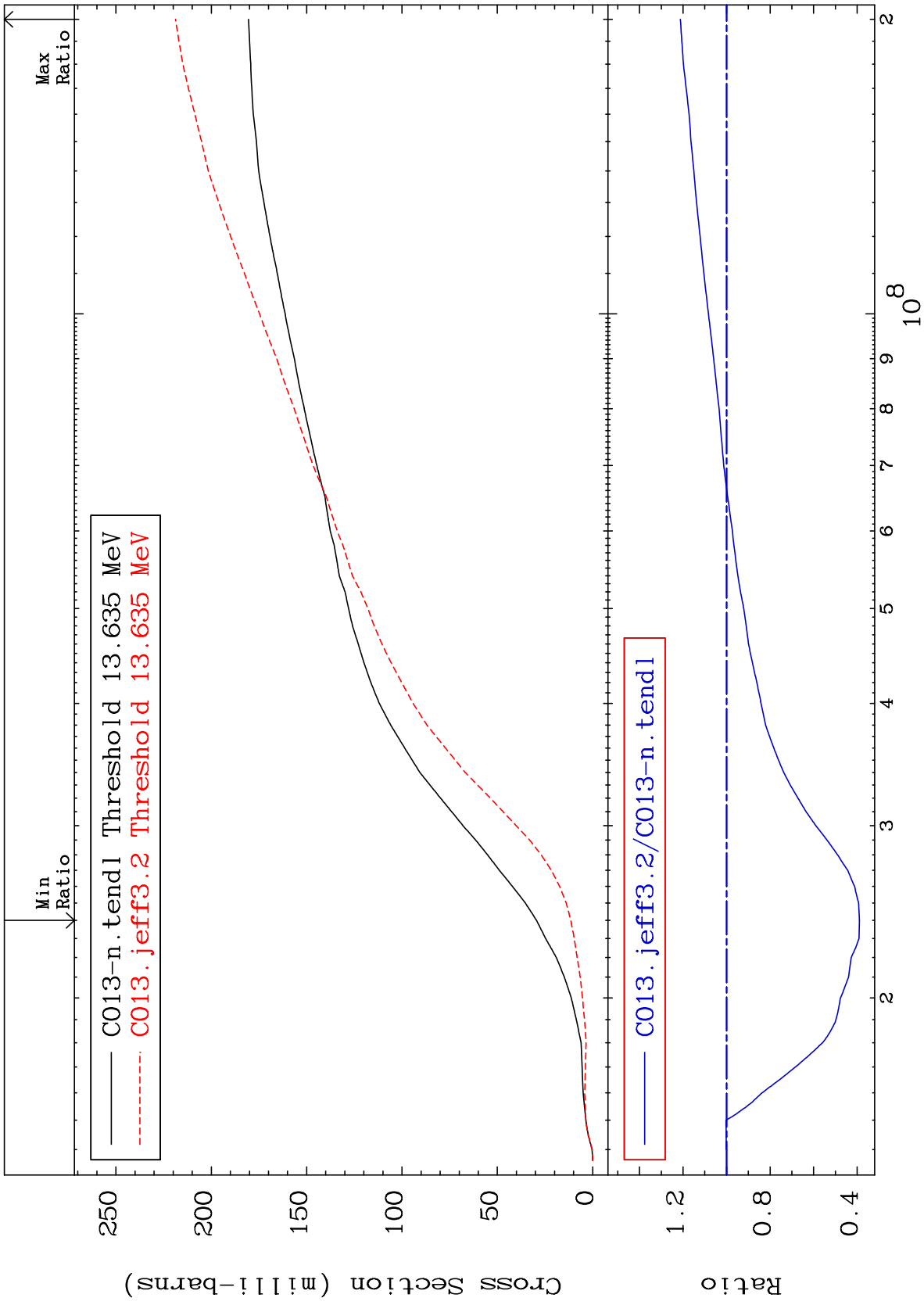


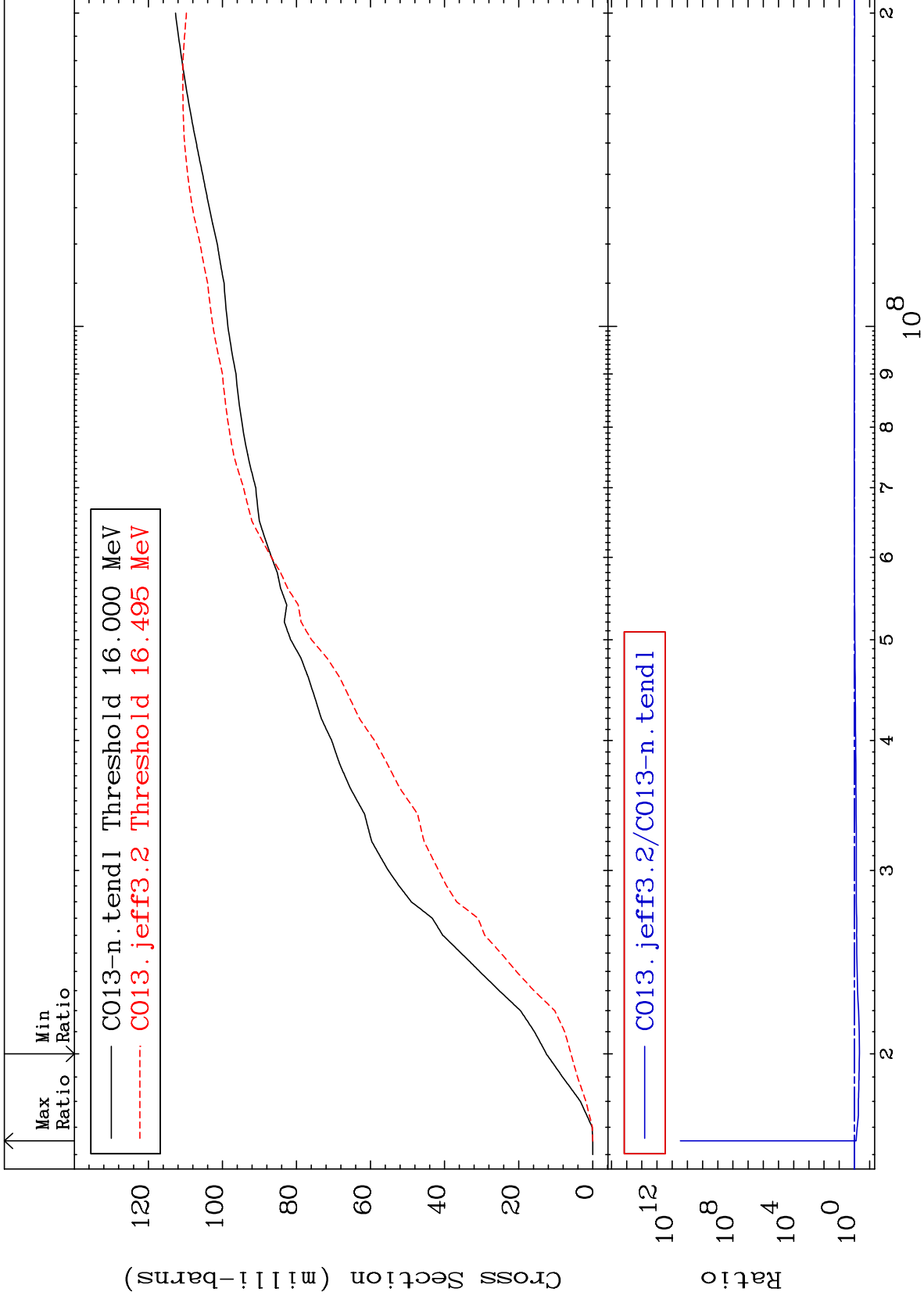


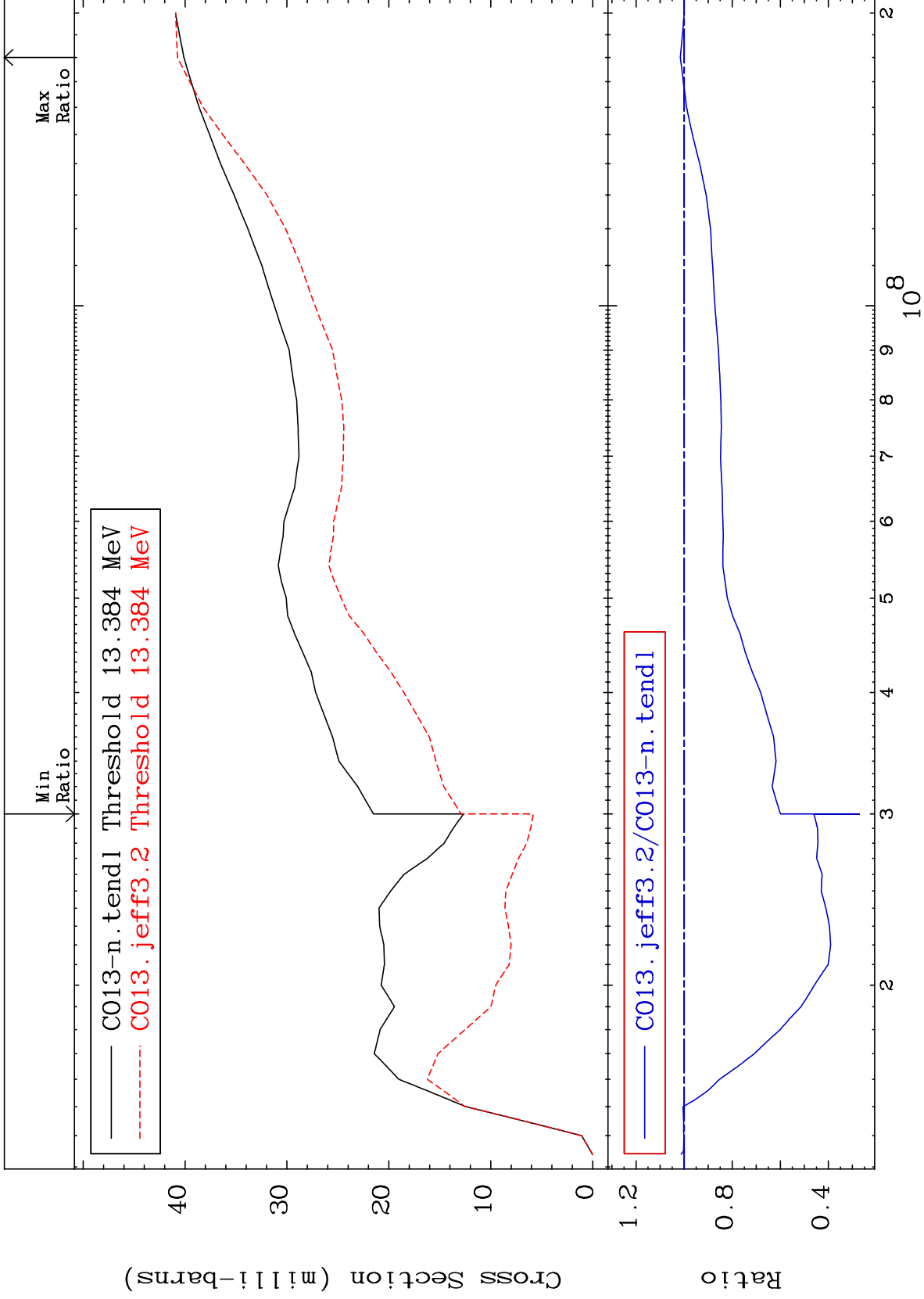


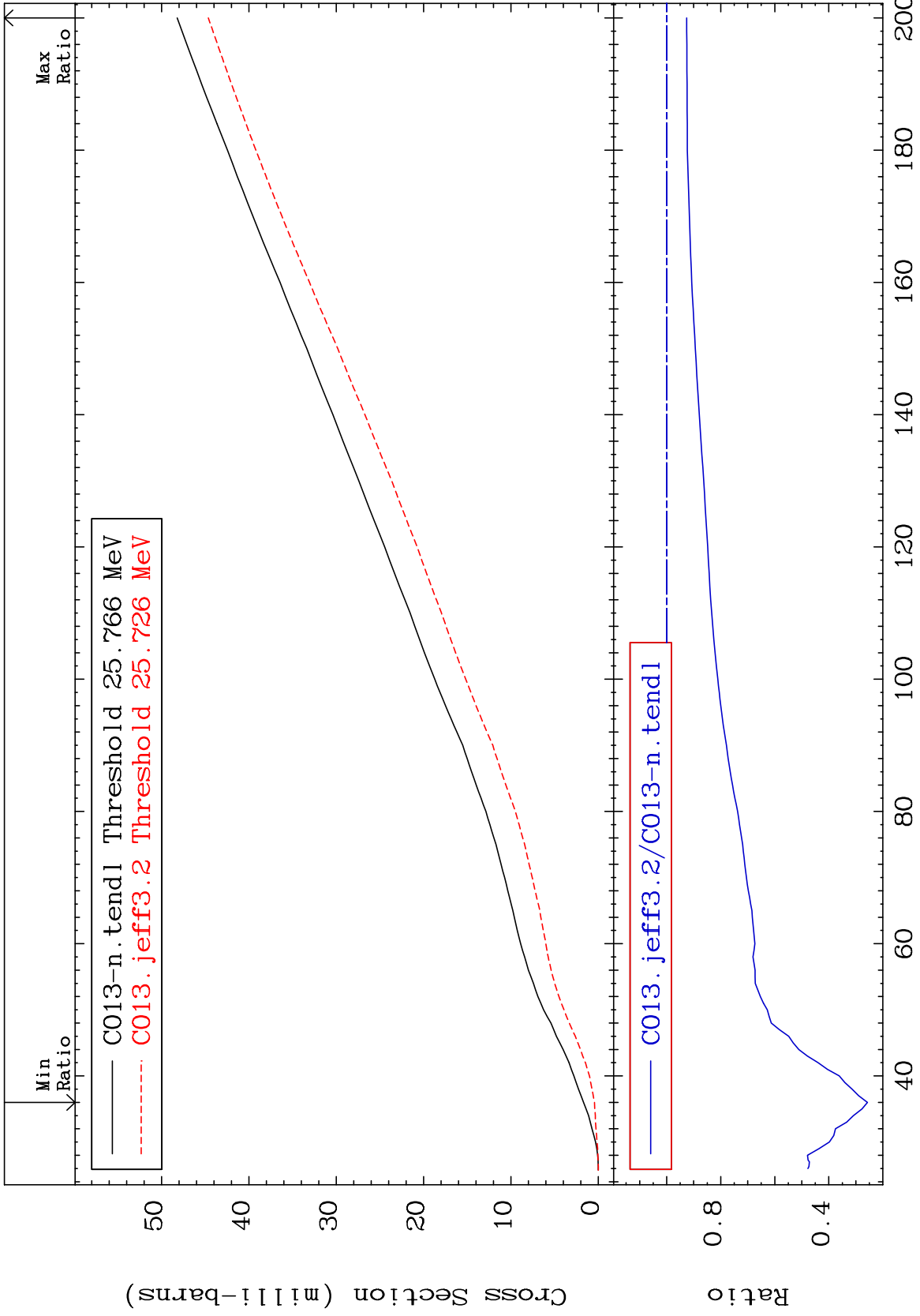








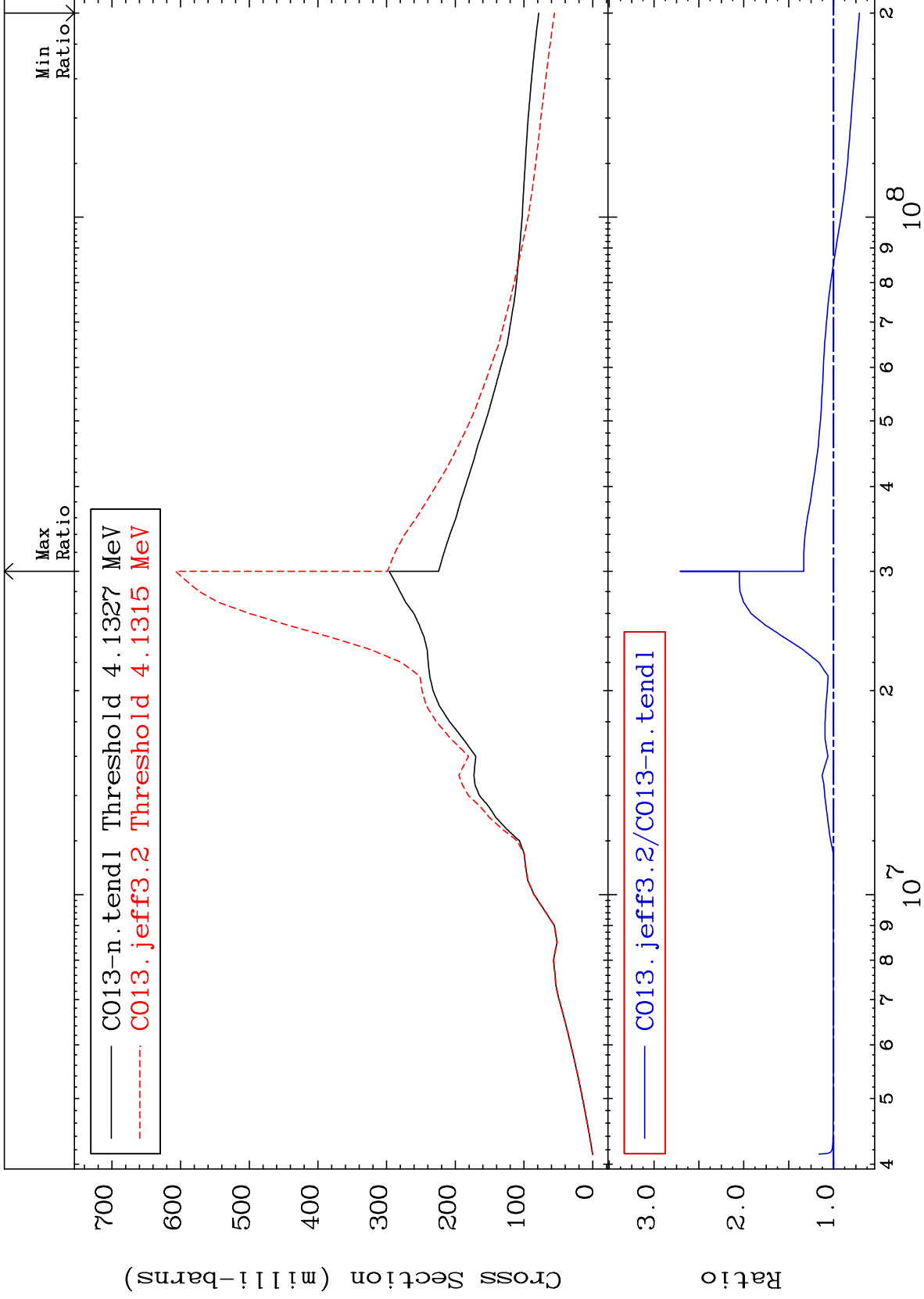




MAT 628

He-4 Production  
Cross Section

6-C -13  
-28.94 To 170.7 %



54

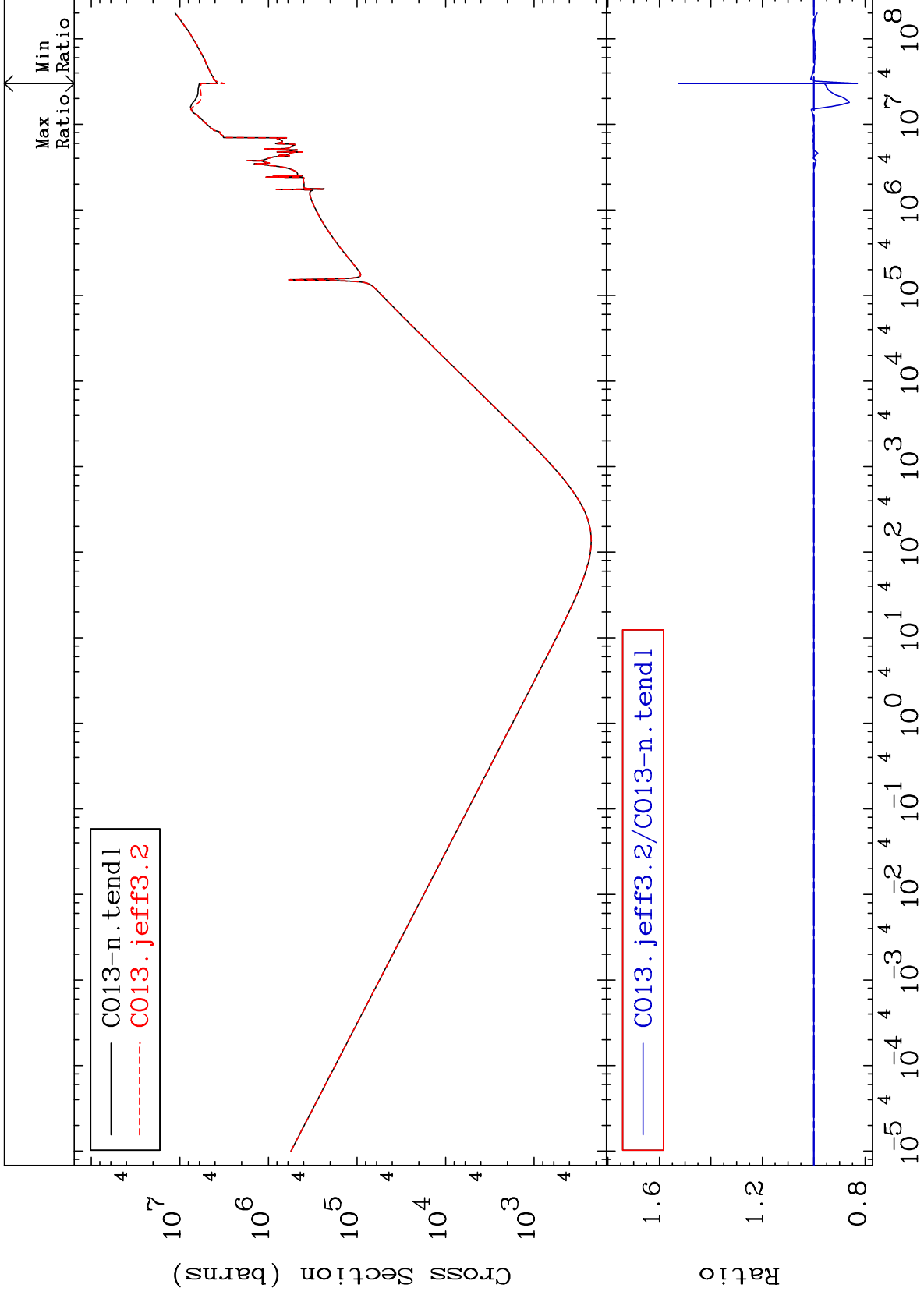
Incident Energy (eV)

6-C -13

MAT 628

Kerma total (eV-barns)  
Cross Section

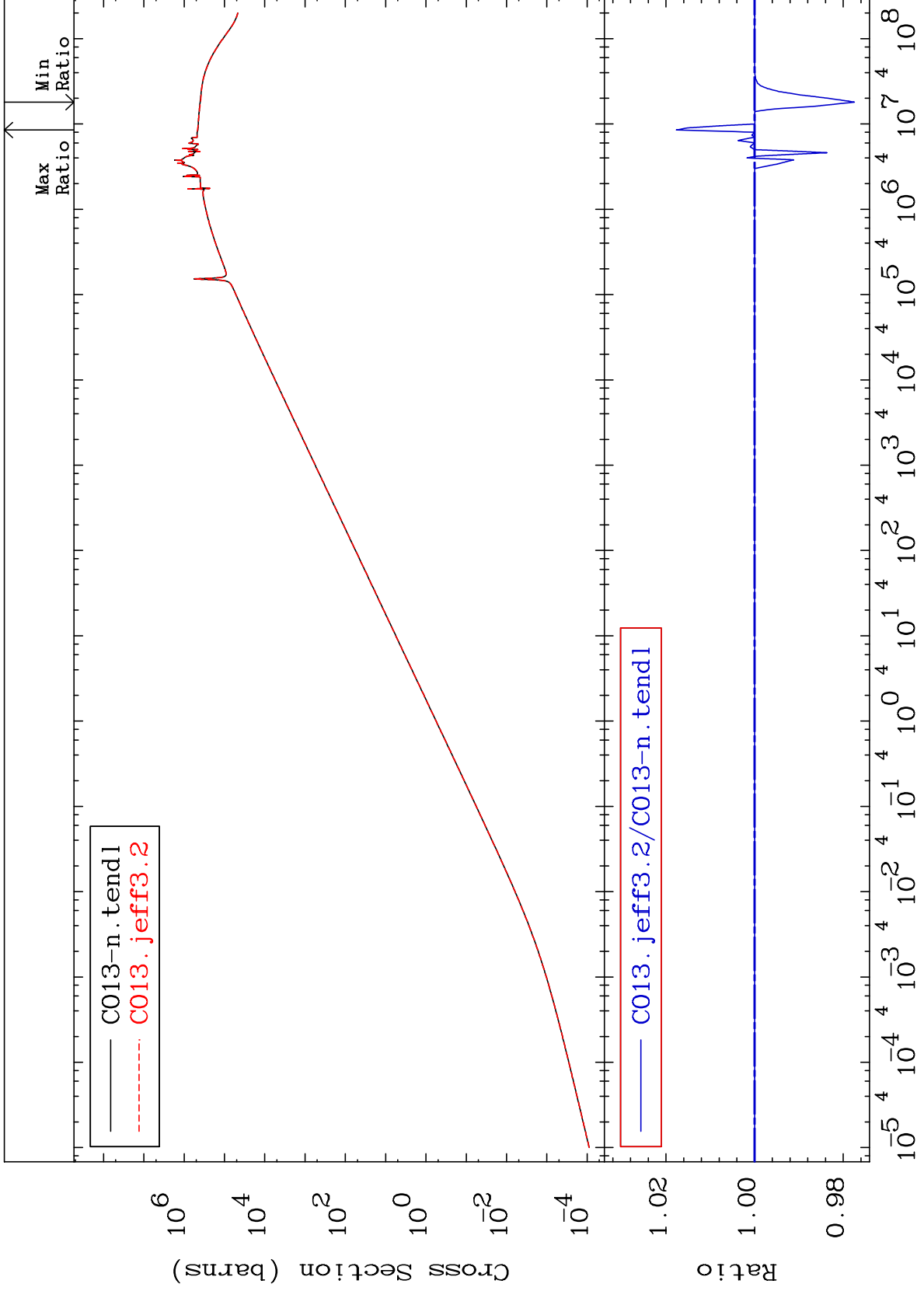
6-C -13  
-16.89 To 52.53 %



55

Incident Energy (eV)

6-C -13

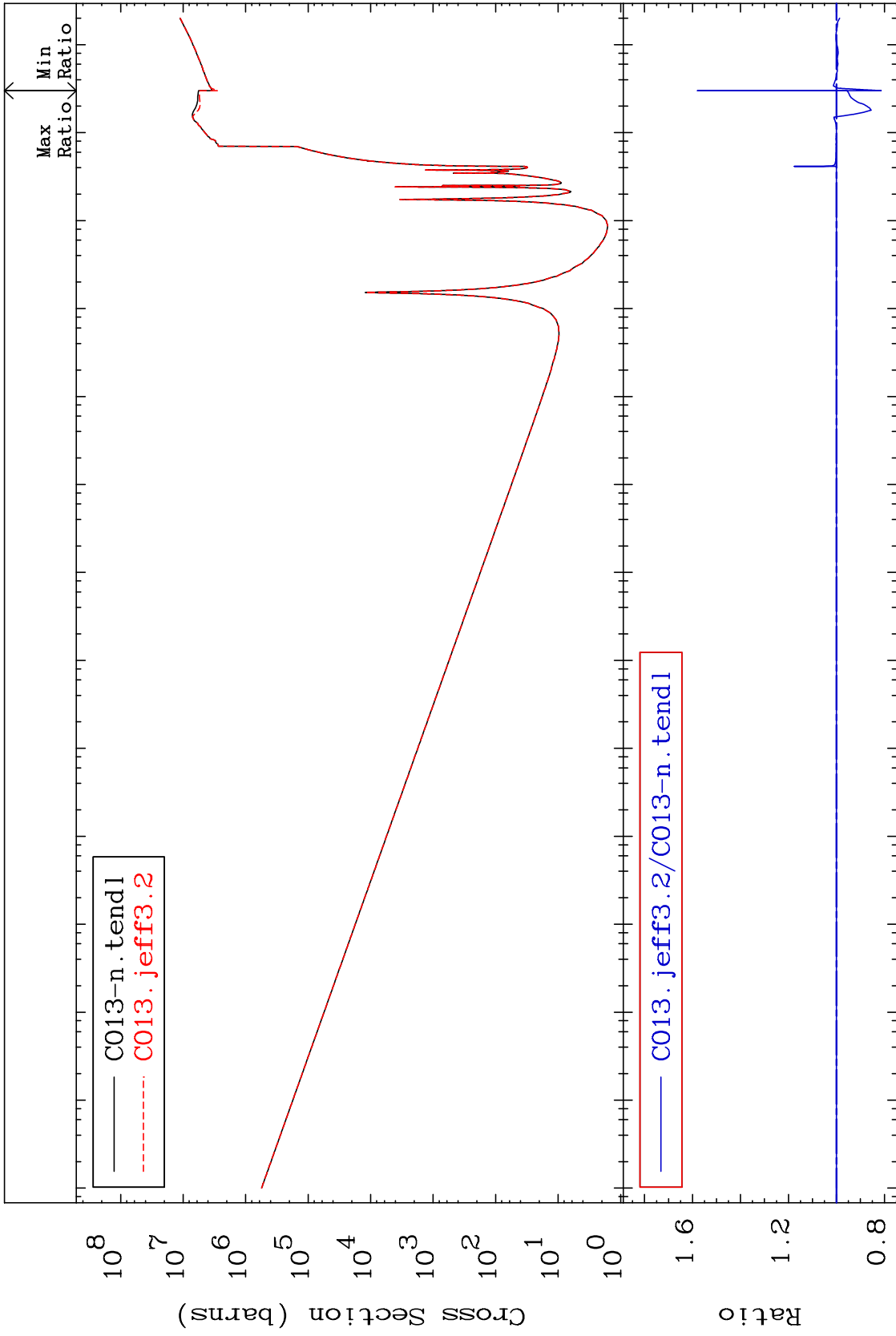




MAT 628

Kerma non-elastic (all but mt2)  
Cross Section

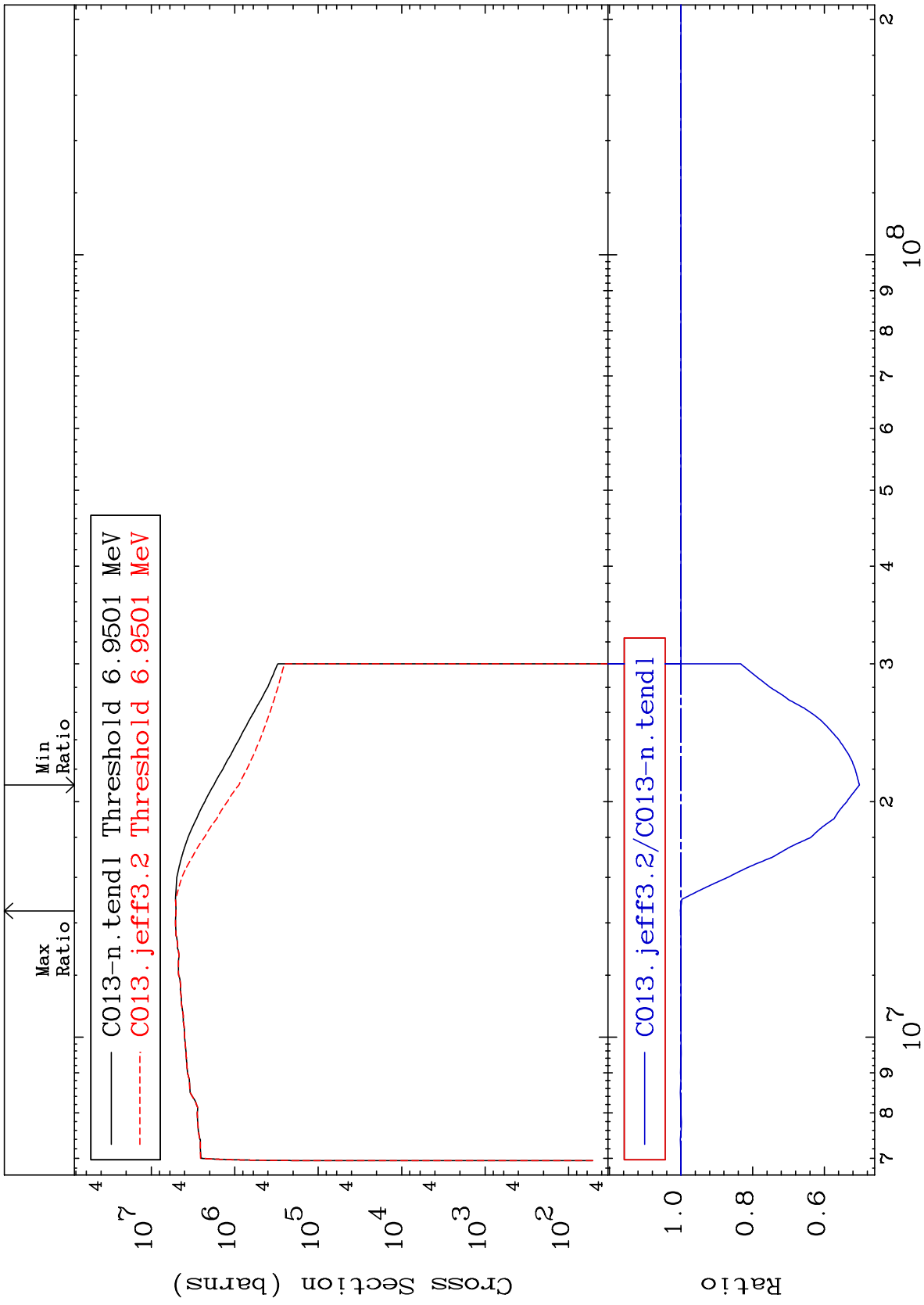
6-C -13  
-18.62 To 57.92 %

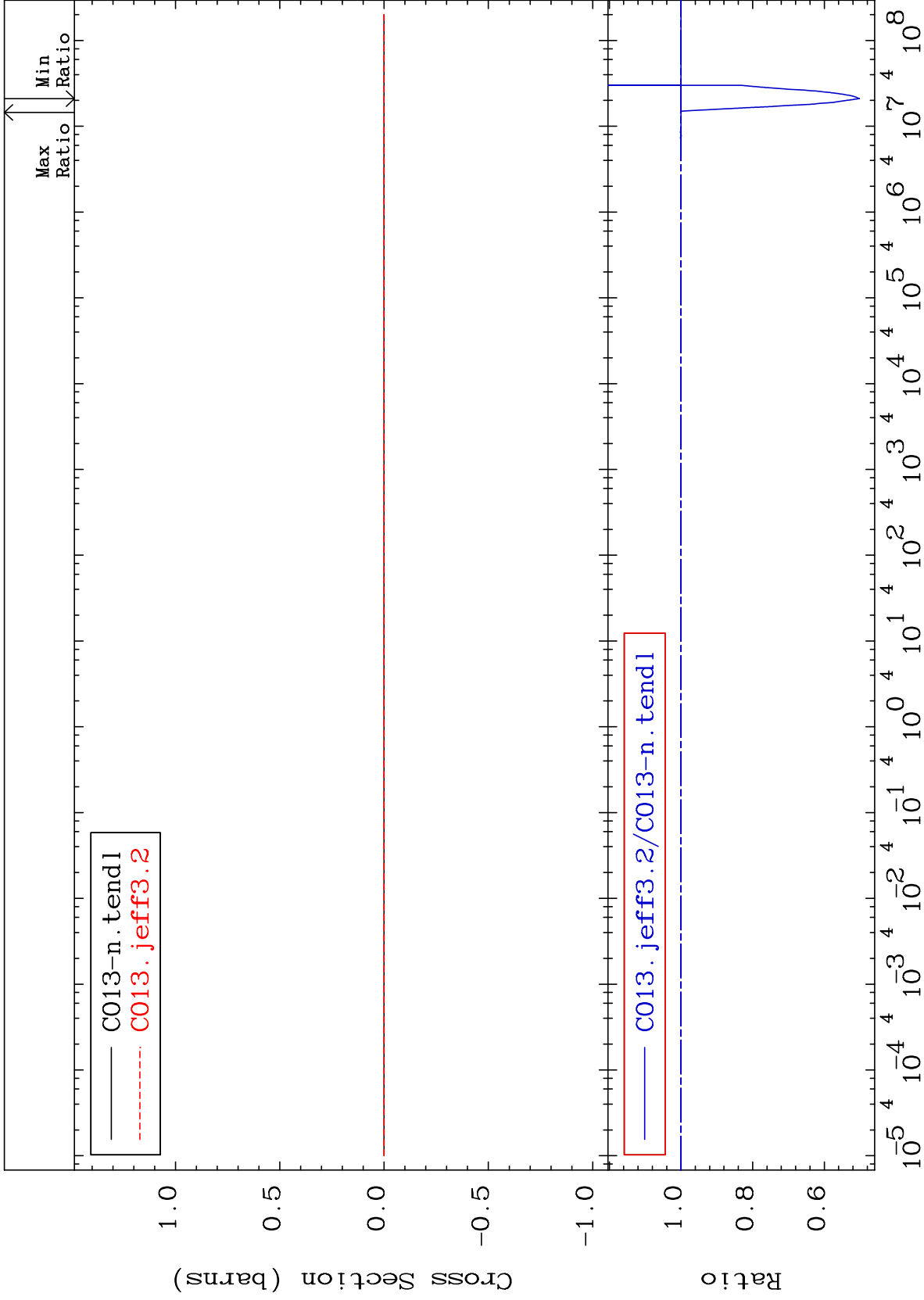


57

Incident Energy (eV)

6-C -13

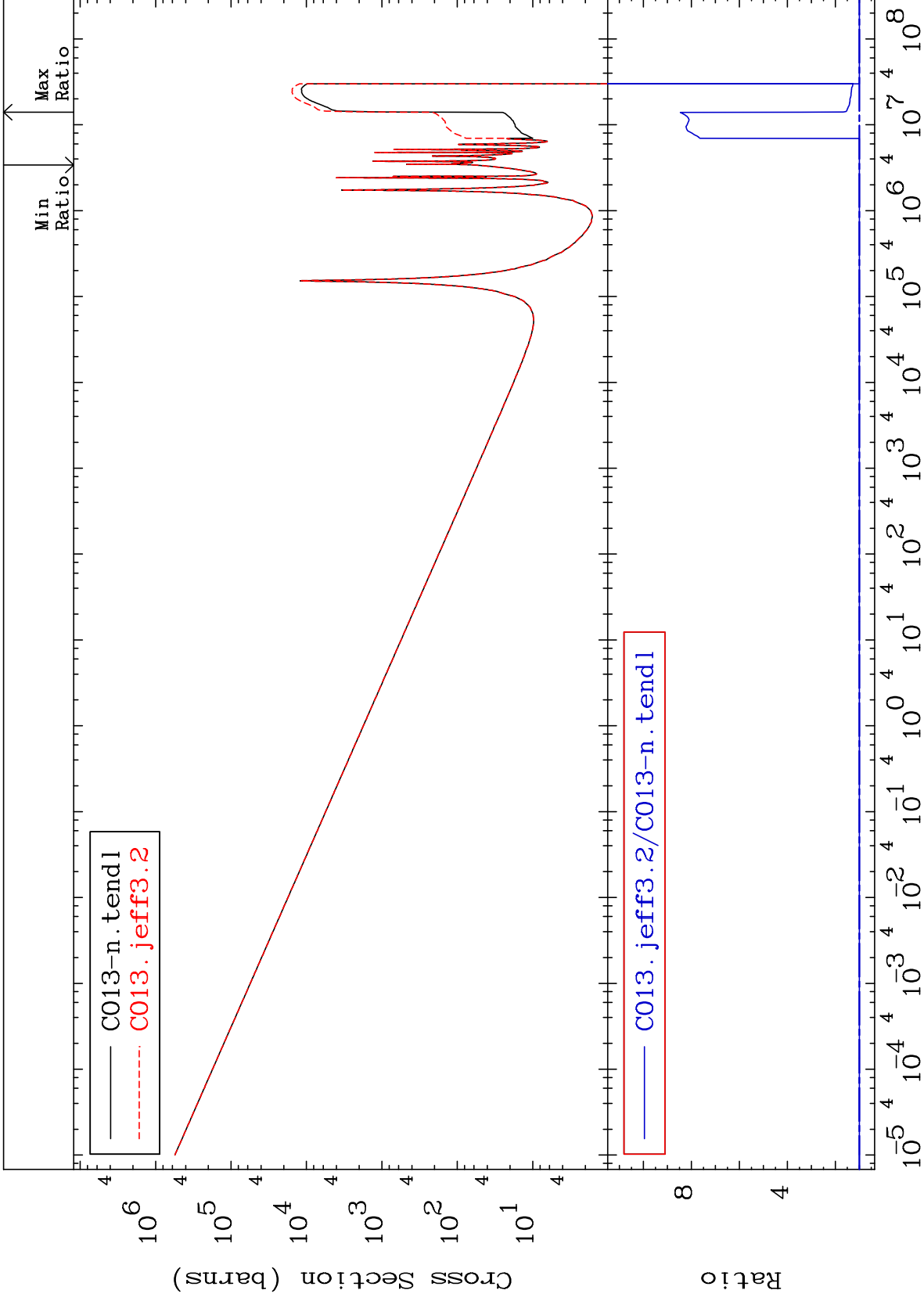




MAT 628

Kerma capture (mt102)  
Cross Section

6-C -13  
-0.029 To 746.9 %



60

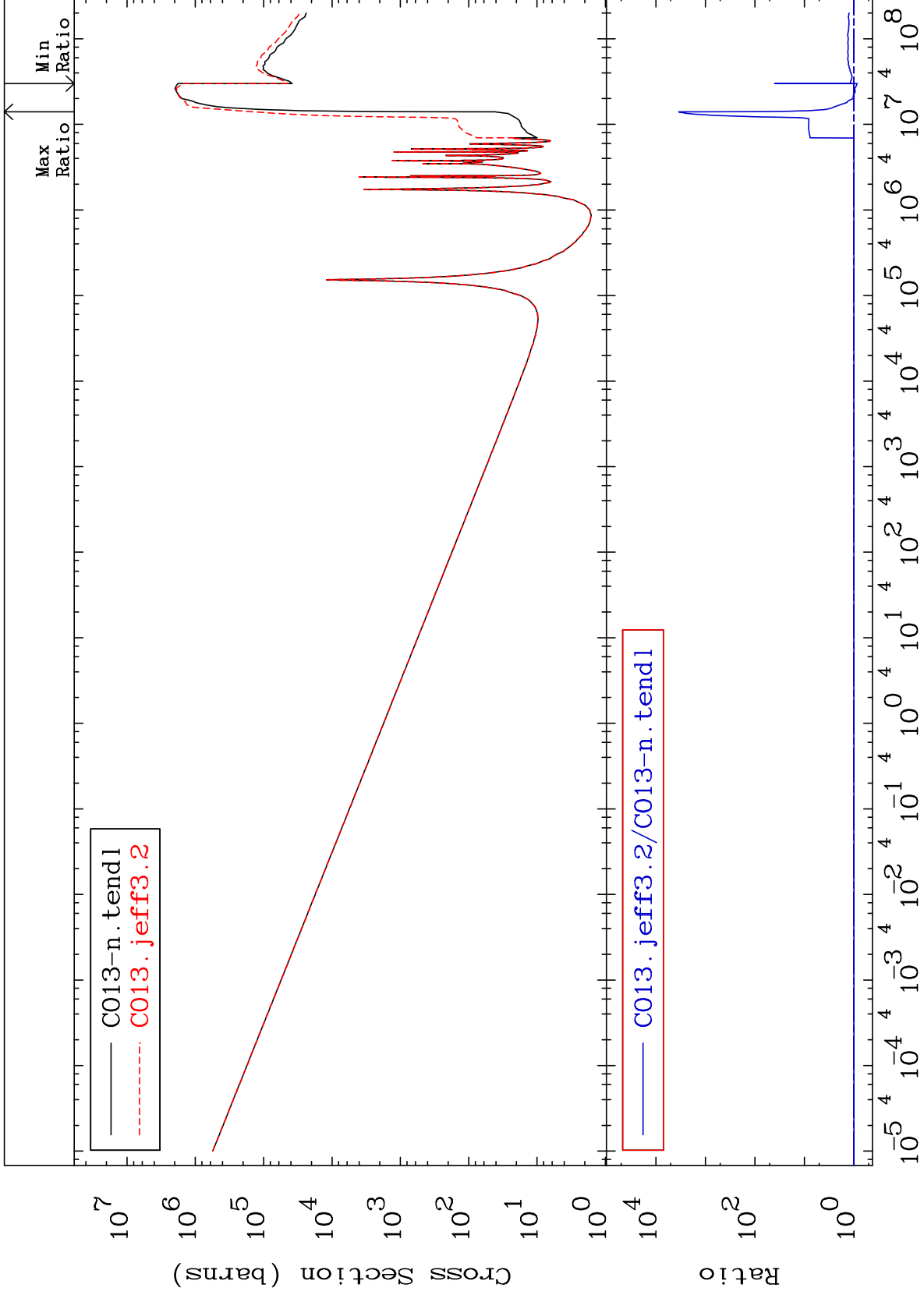
Incident Energy (eV)

6-C -13

MAT 628

Total photon (eV-barns)  
Cross Section

6-C -13  
-14.65 To 9999. %



61

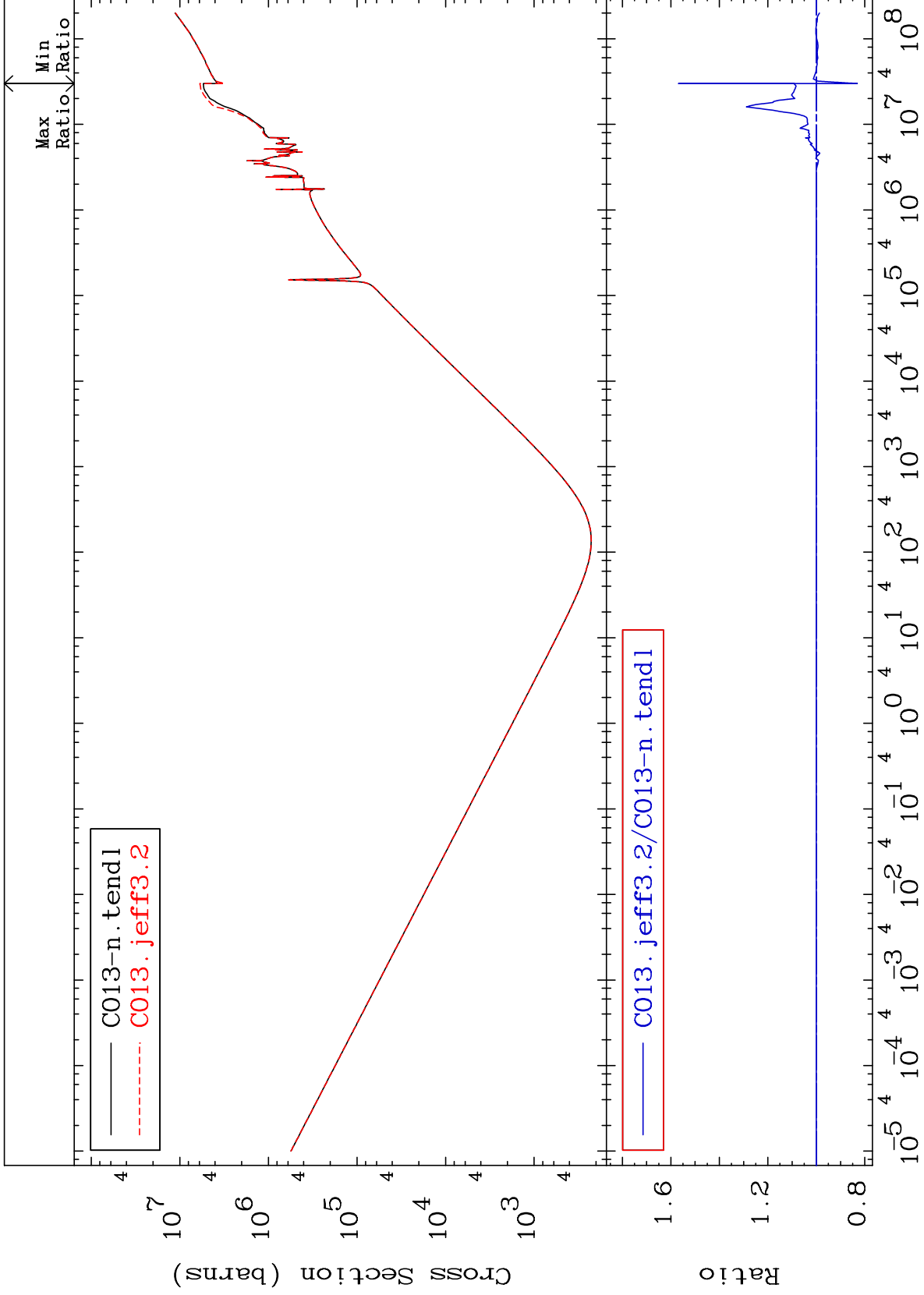
Incident Energy (eV)

6-C -13

MAT 628

Total kinematic kerma (high limit)  
Cross Section

6-C -13  
-16.89 To 56.80 %



62

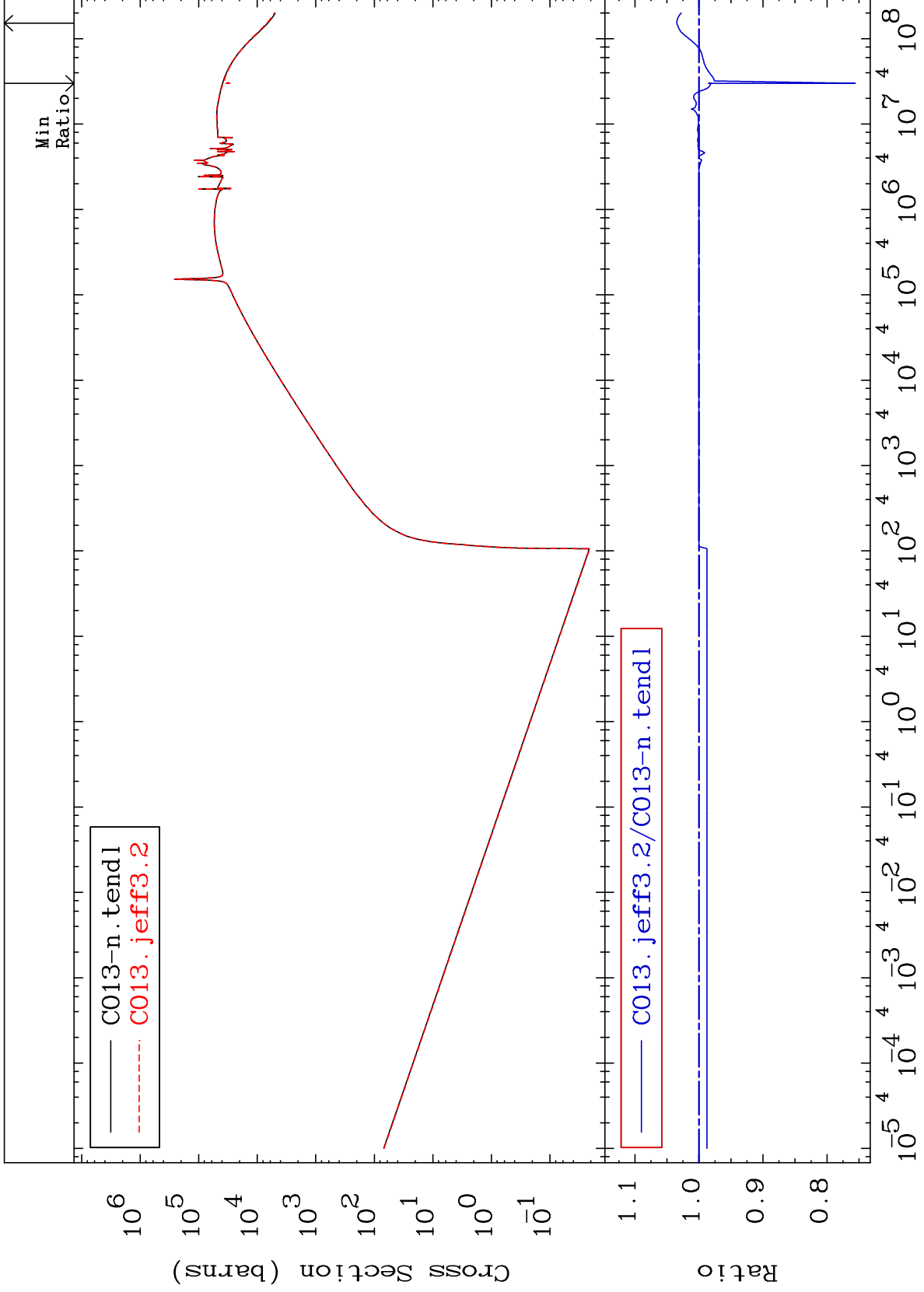
Incident Energy (eV)

6-C -13

MAT 628

Dpa total (eV-barns)  
Cross Section

6-C -13  
-24.38 To 3.439 %



63

Incident Energy (eV)

6-C -13

