

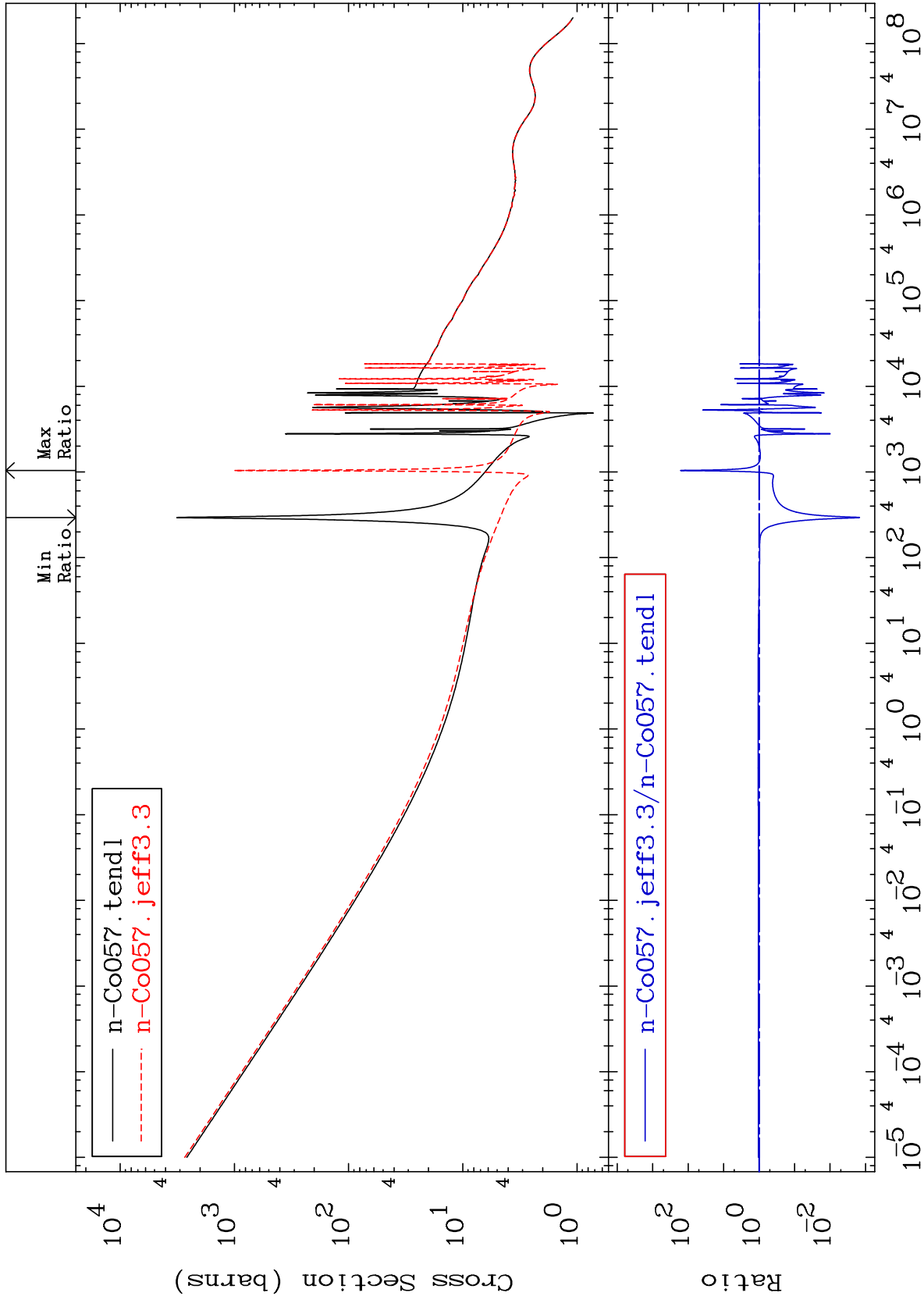
MAT 2719

Total

²⁷Co-57

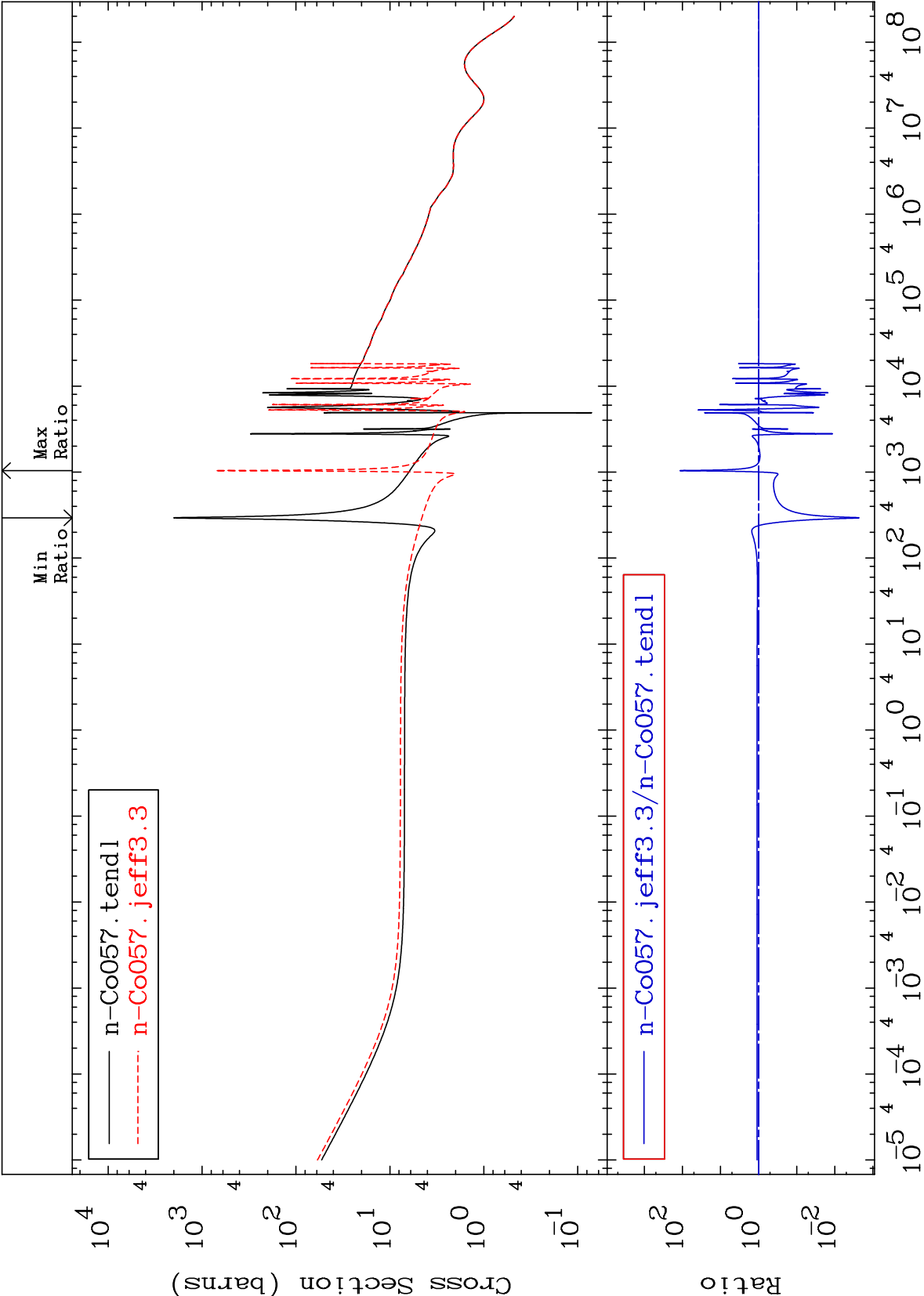
Cross Section

-99.85 To 9999. %



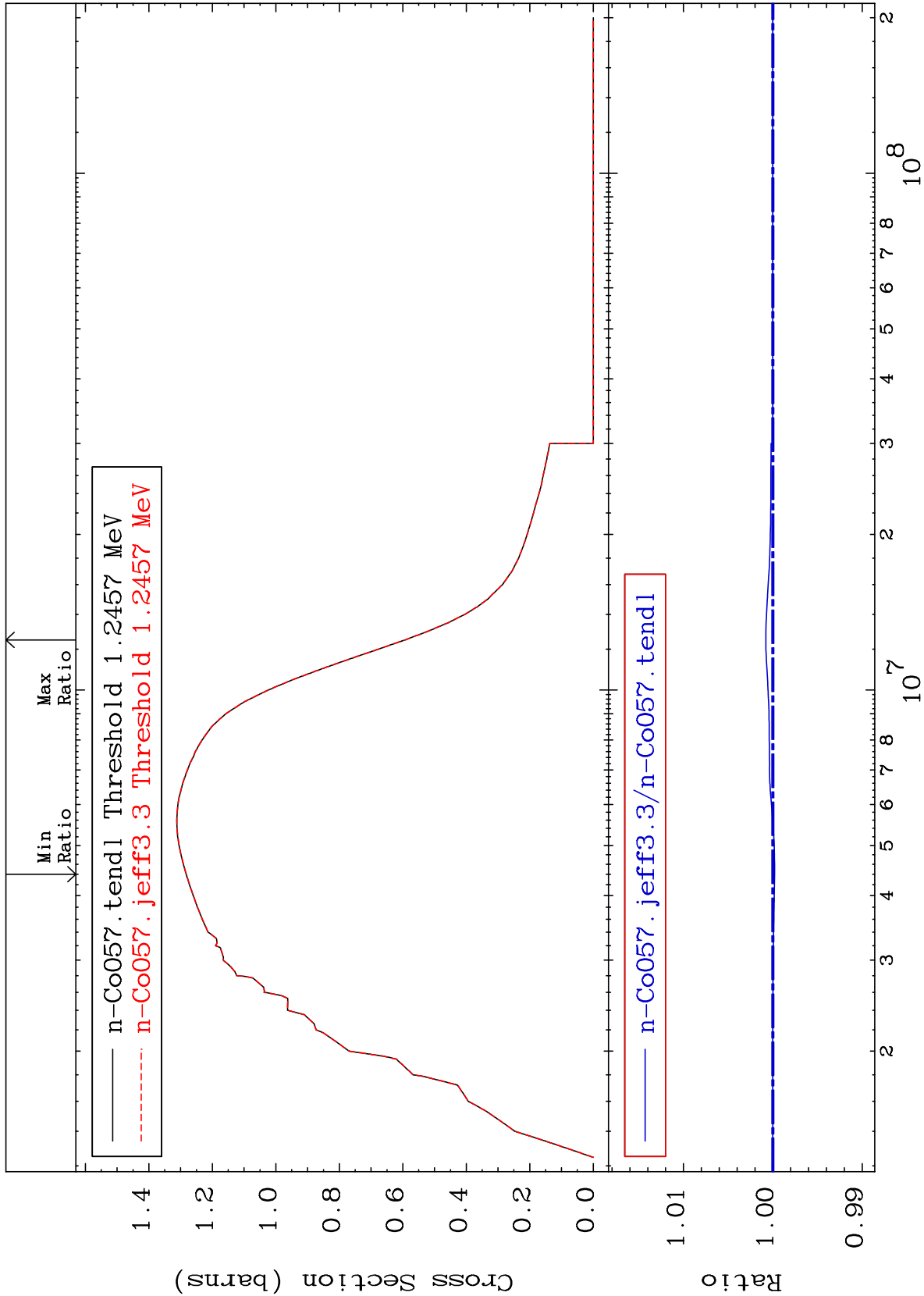
Incident Energy (eV)

²⁷Co-57



Inelastic
Cross Section

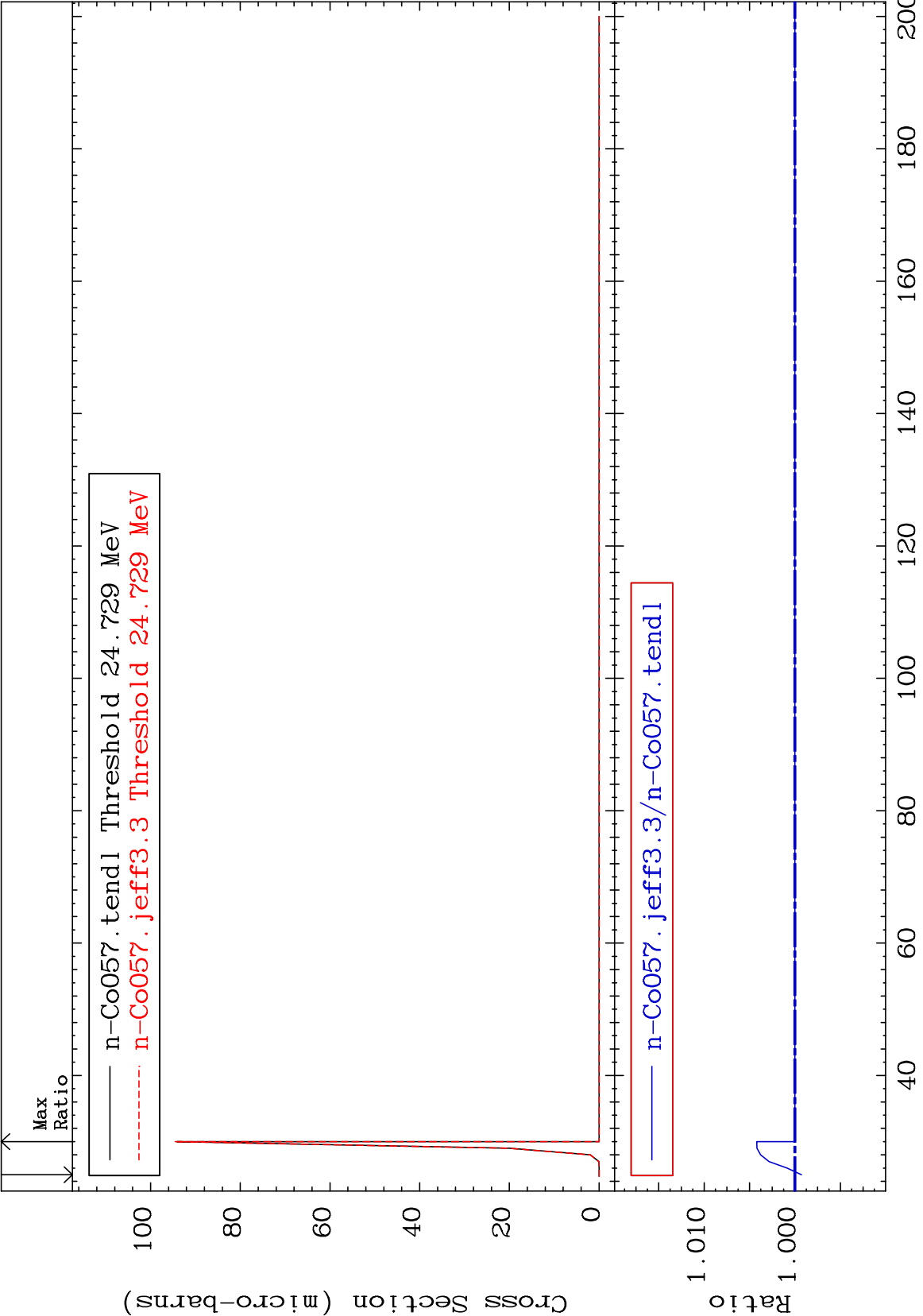
-0.019 To 0.079 %

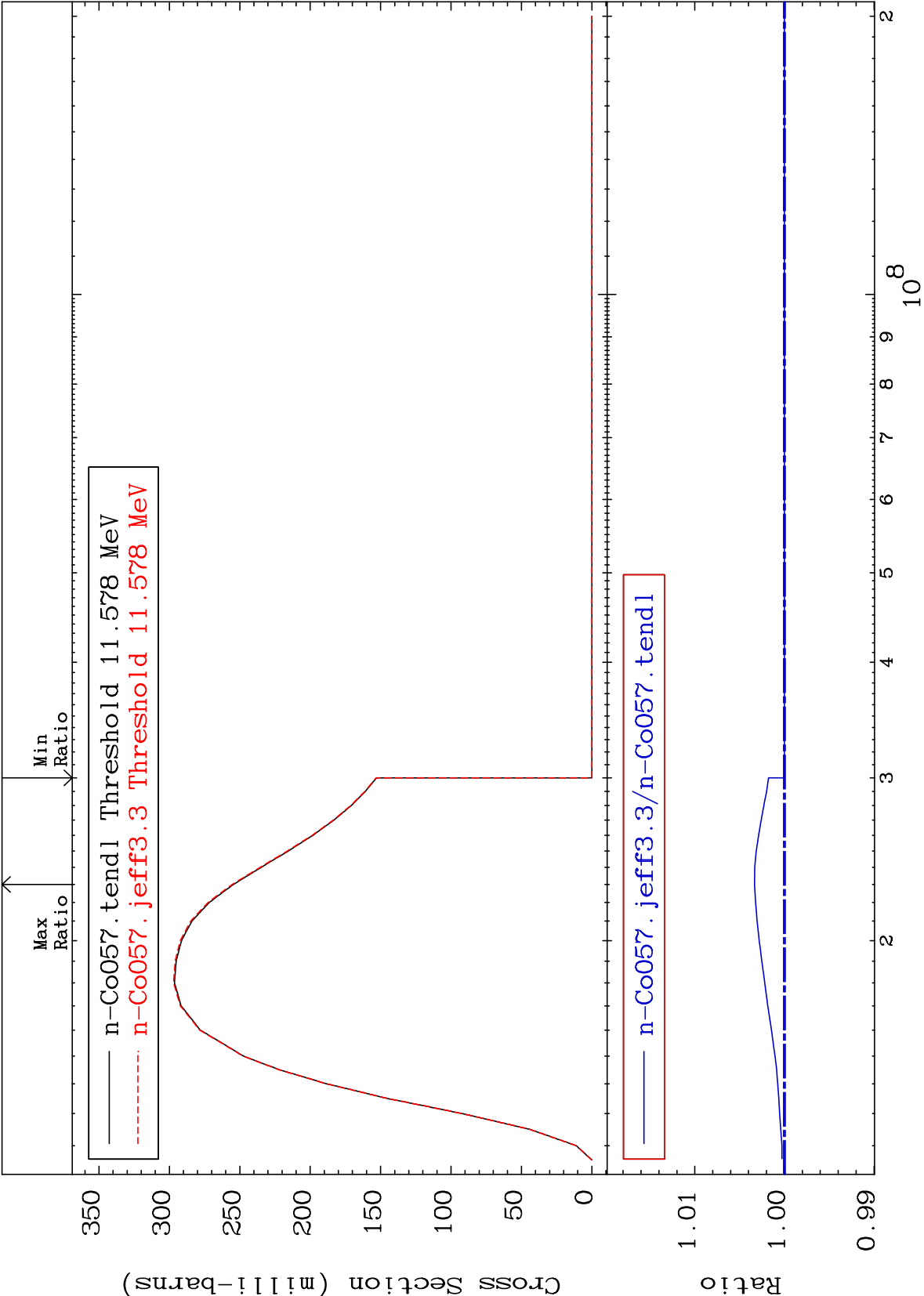


MAT 2719

(n,2n) d
Cross Section

27-Co-57
-0.073 To 0.421 %





MAT 2719

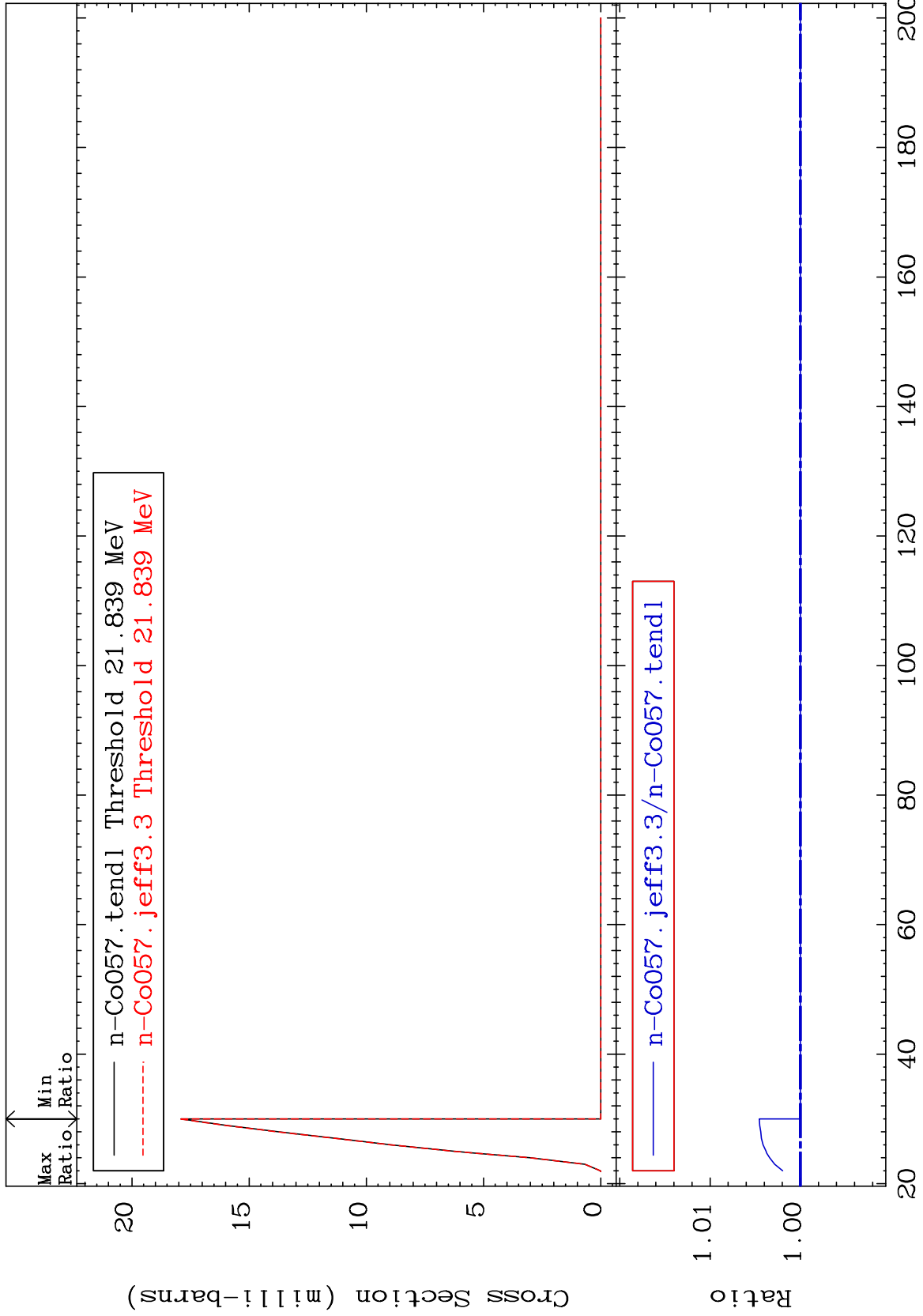
(n,3n)

²⁷Co-57

Cross Section

0.000

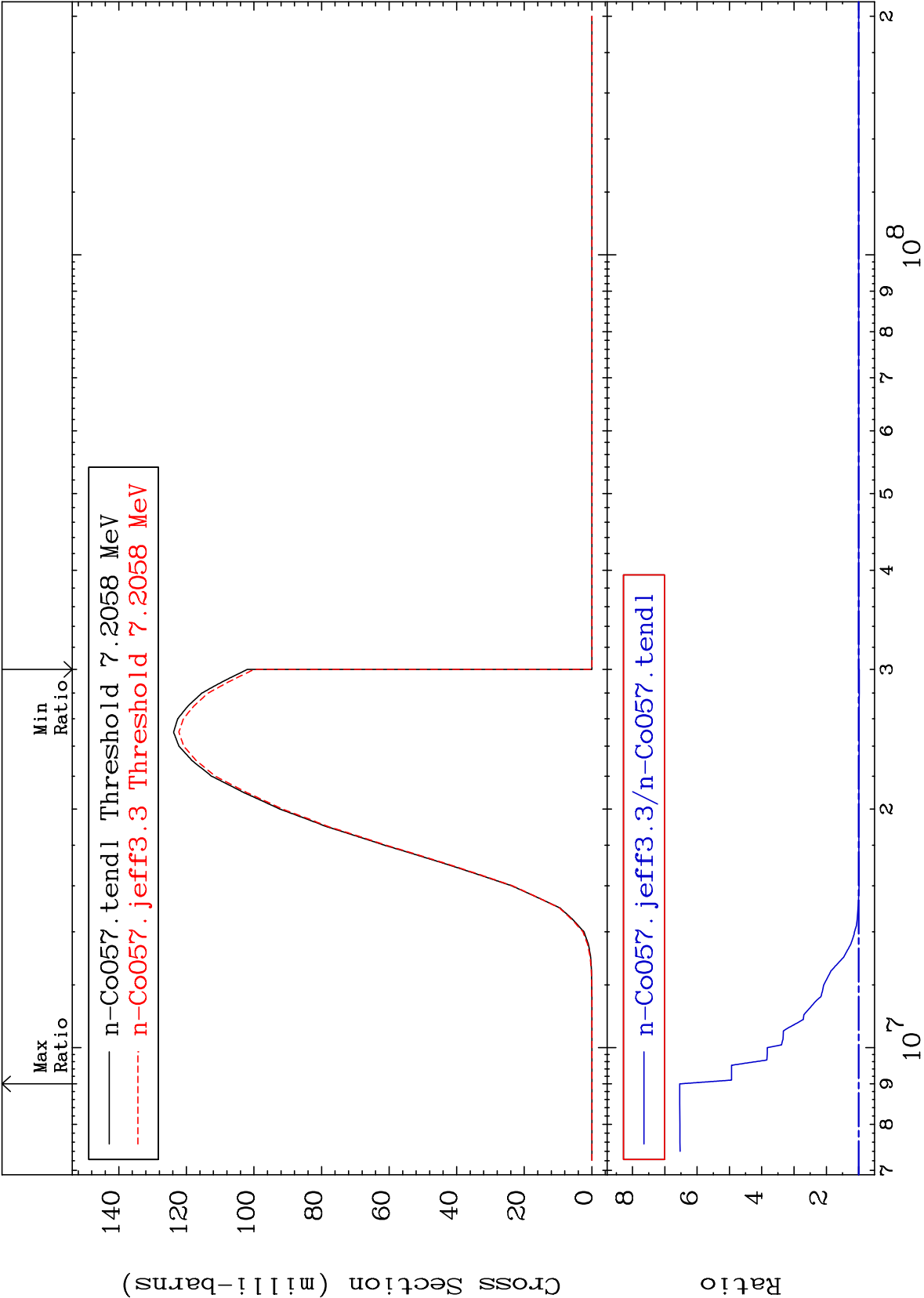
To 0.454 %



MAT 2719

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

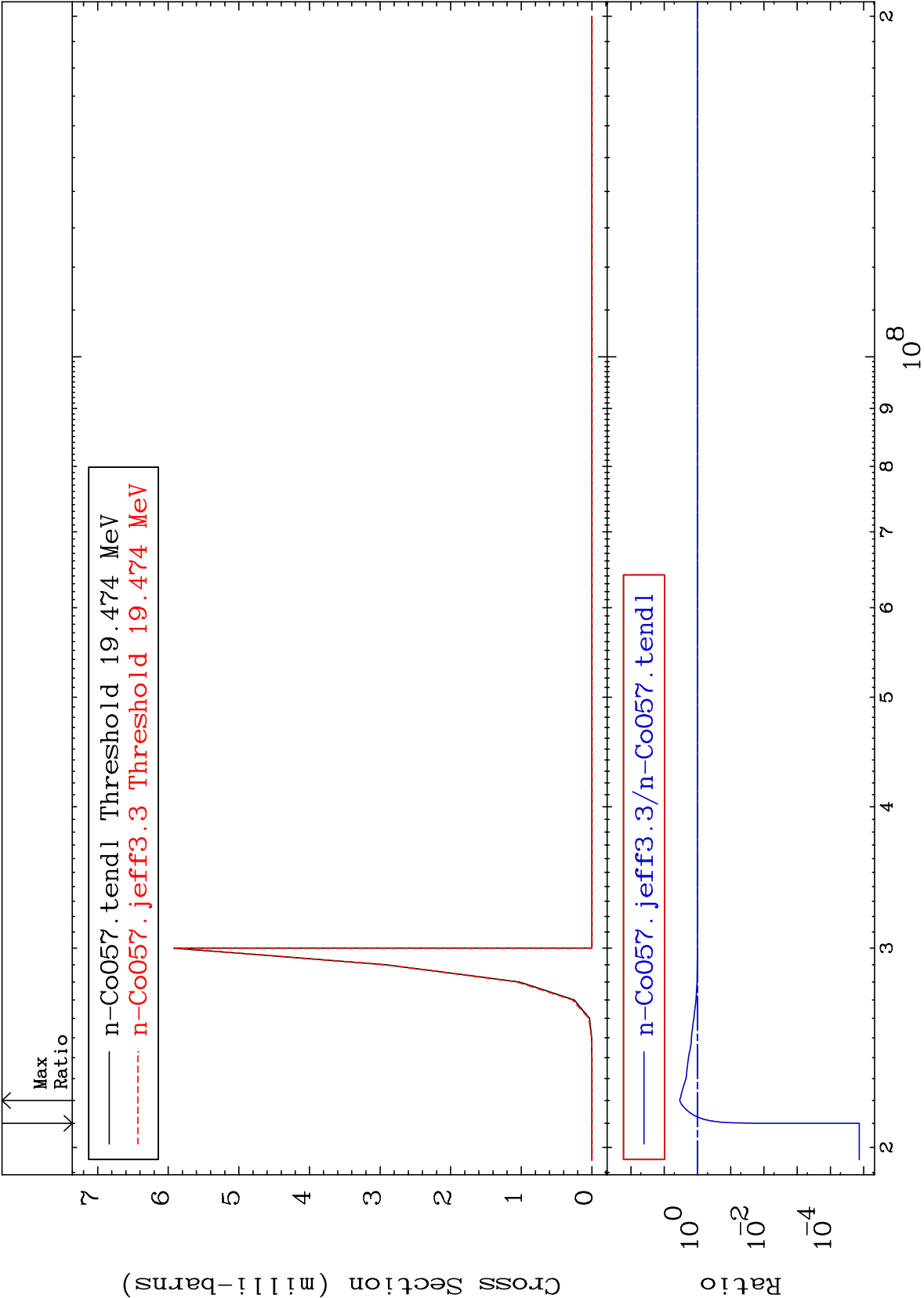
27-Co-57
-1.944 To 553.9 %



MAT 2719

(n,2n) α
Cross Section

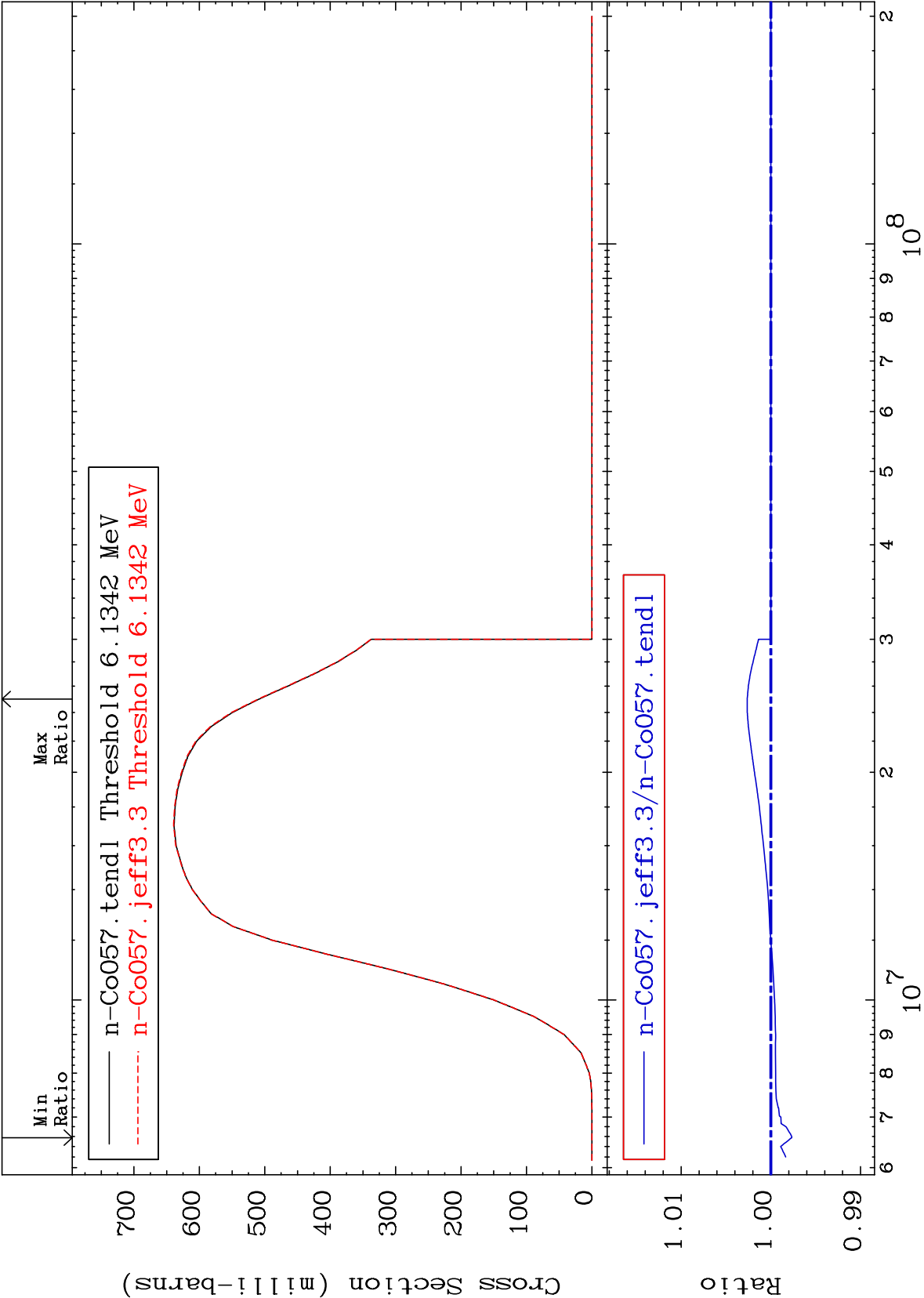
27-Co-57
-100.0 To 240.0 %



MAT 2719

(n,n') p
Cross Section

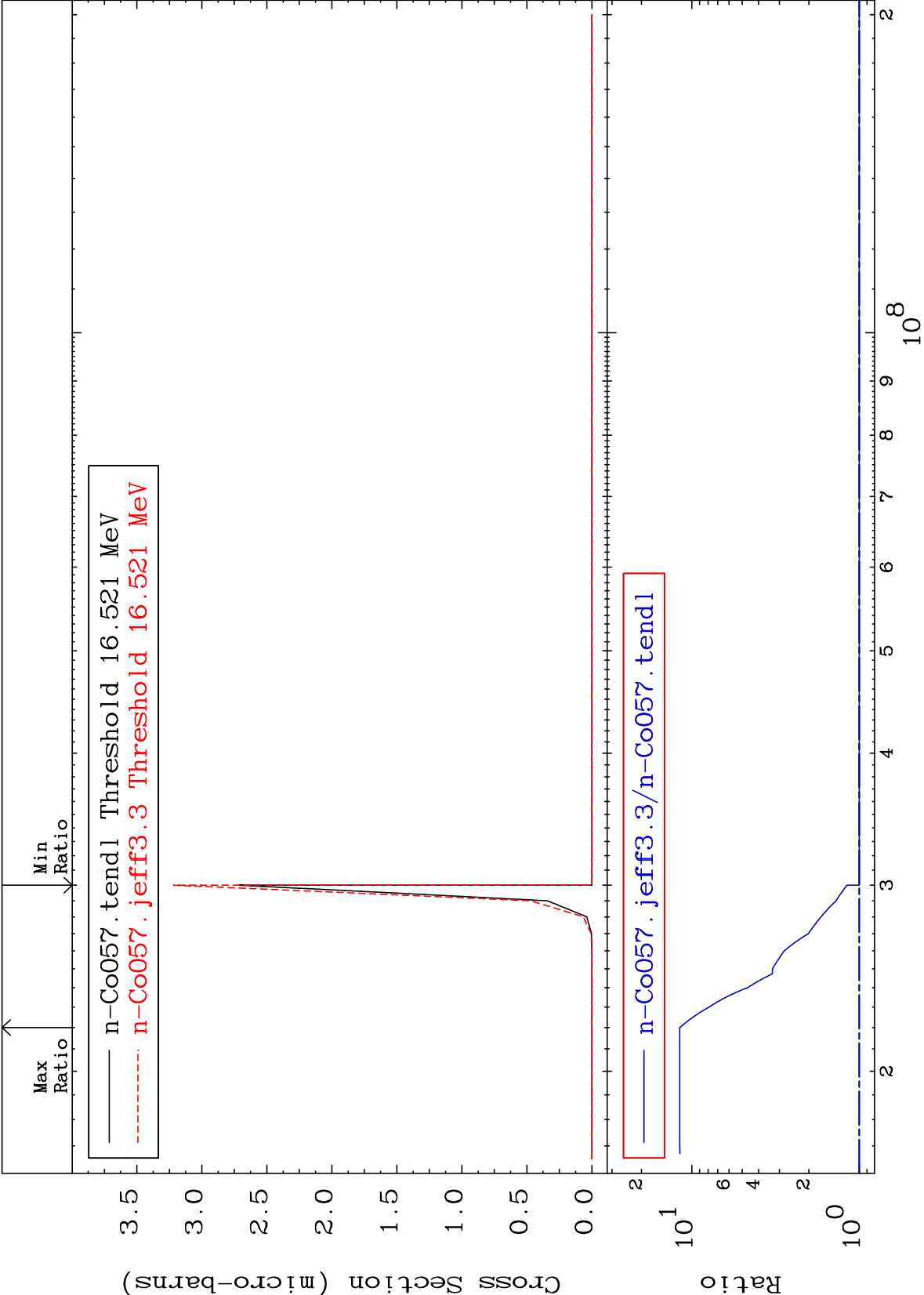
27-Co-57
-0.233 To 0.263 %

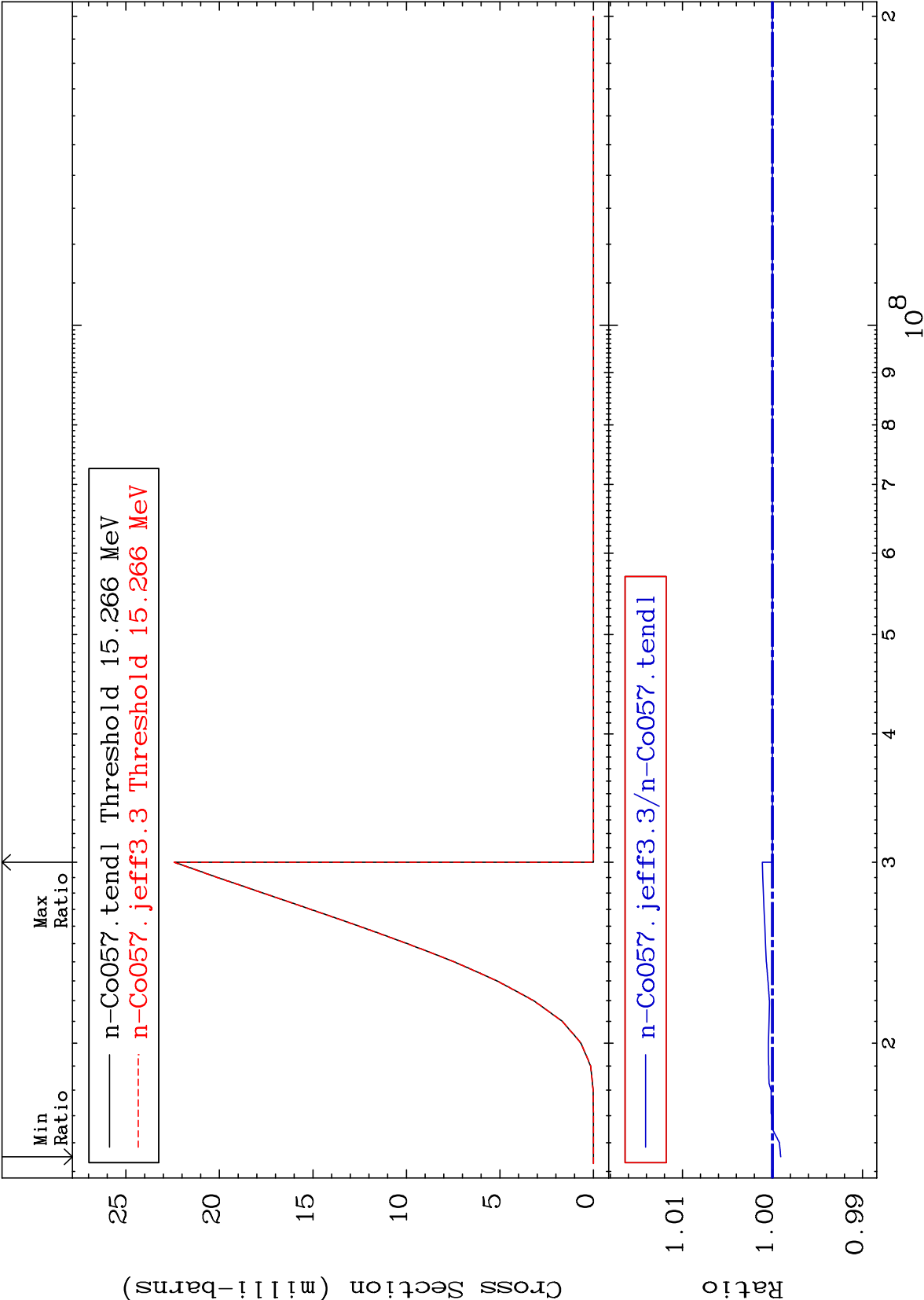


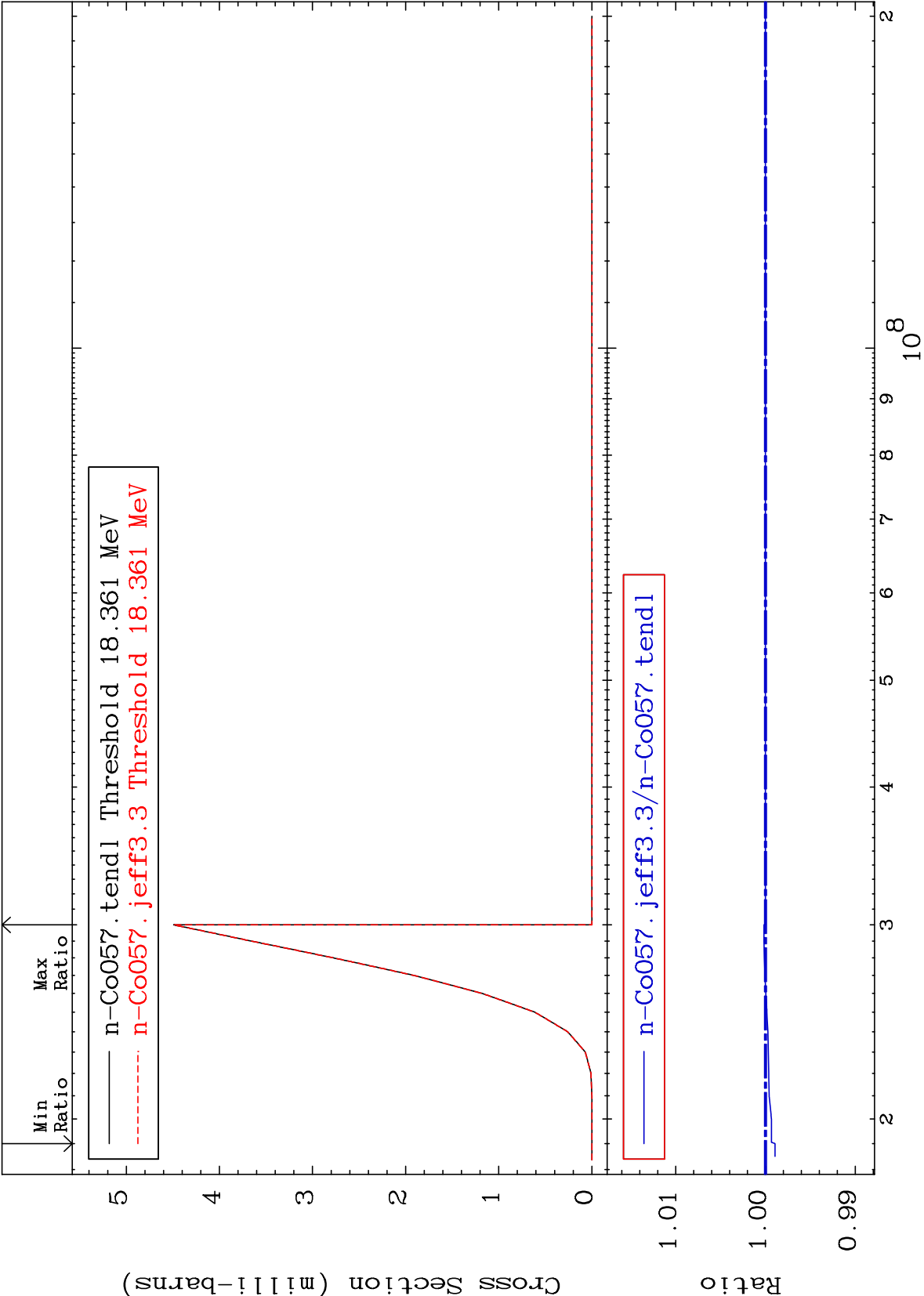
Cross Section

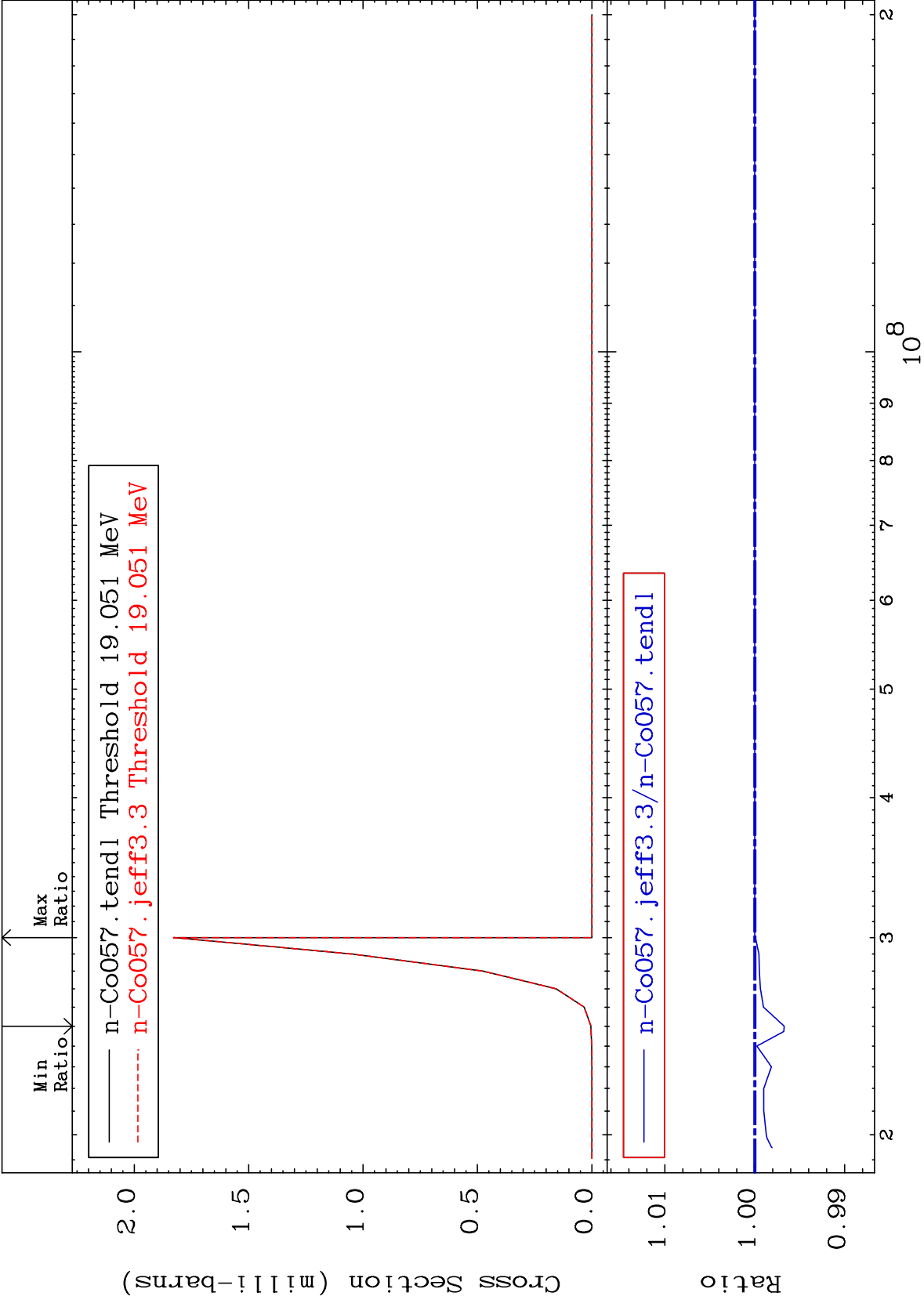
0.000

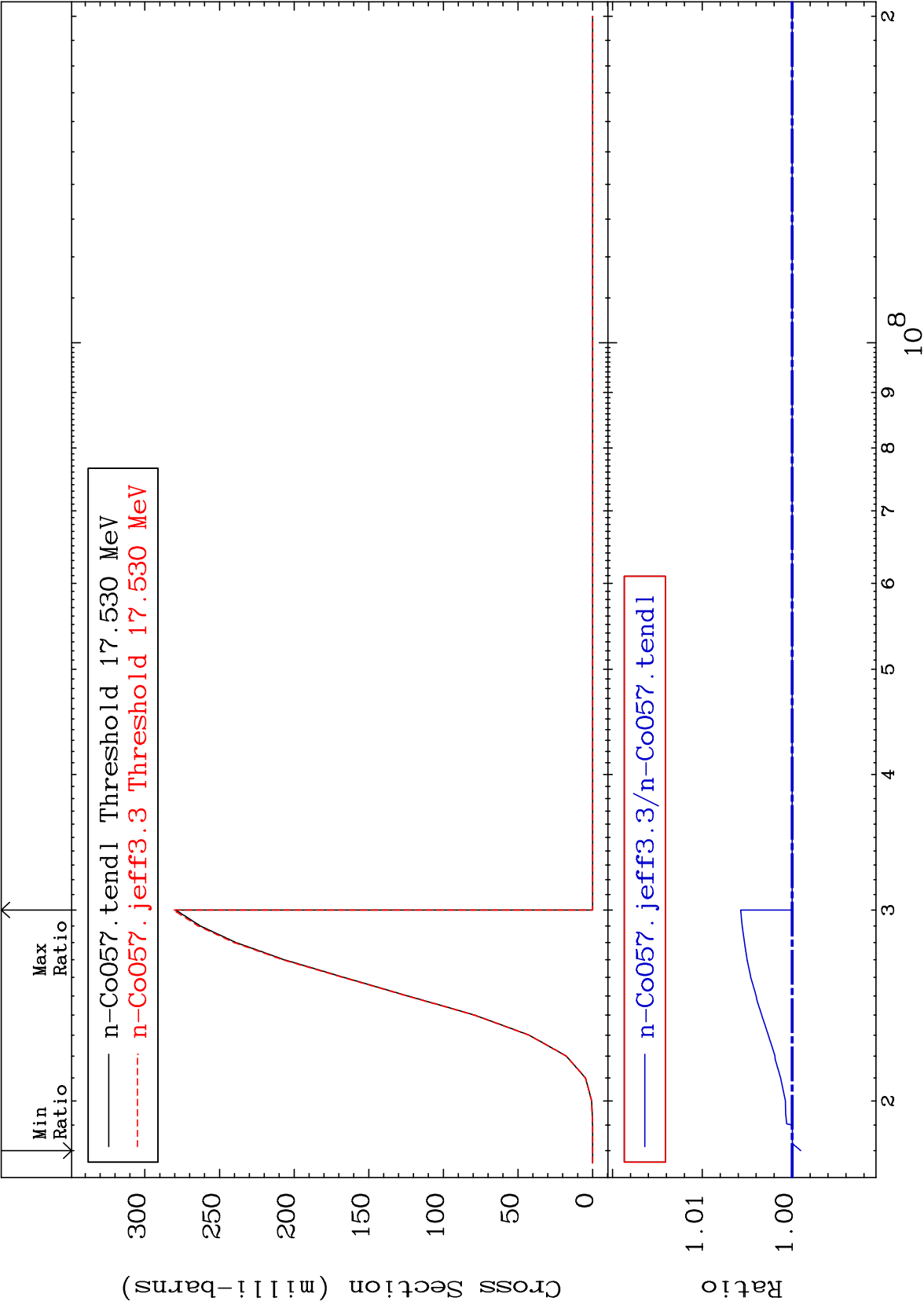
To 1082. %







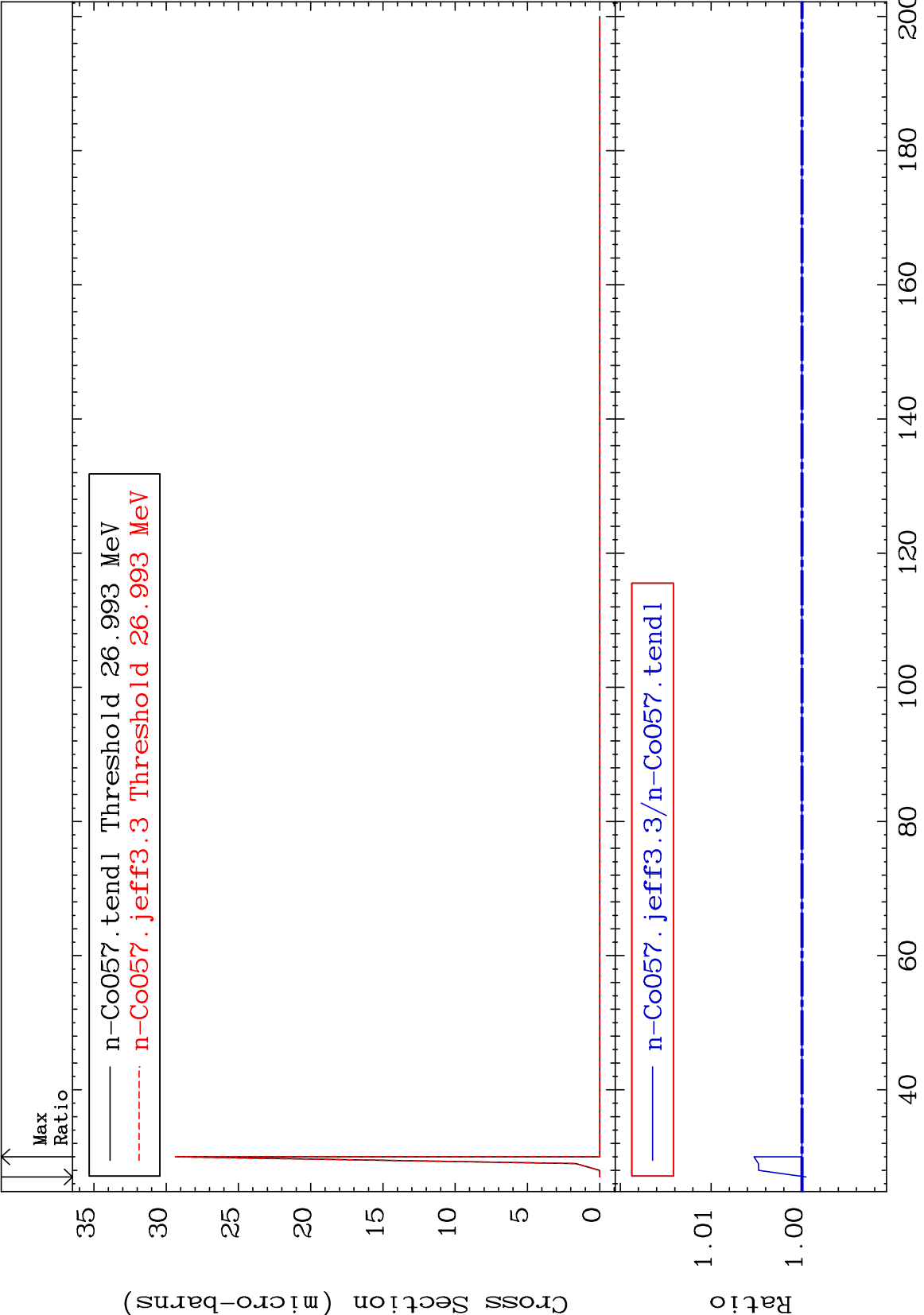


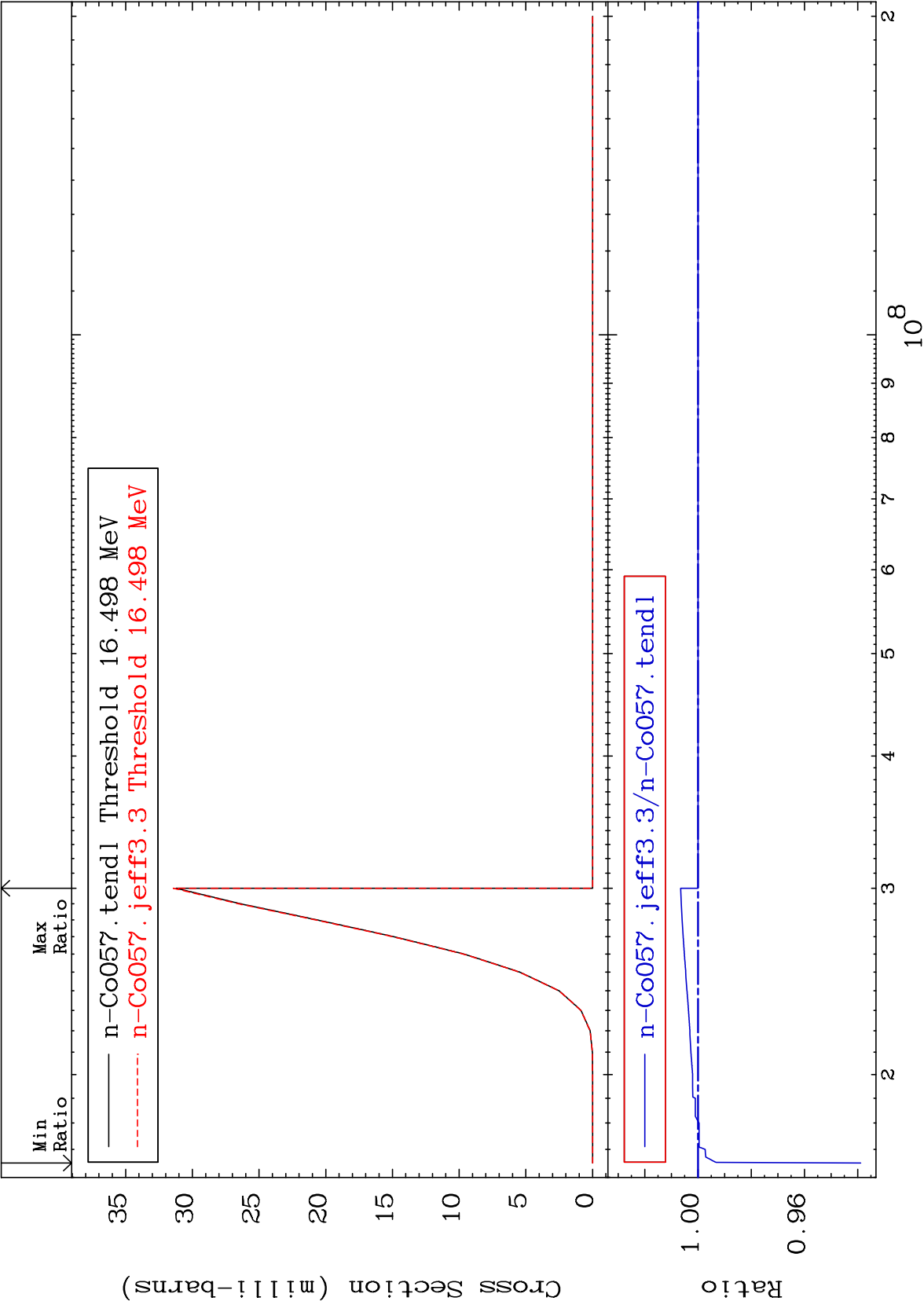


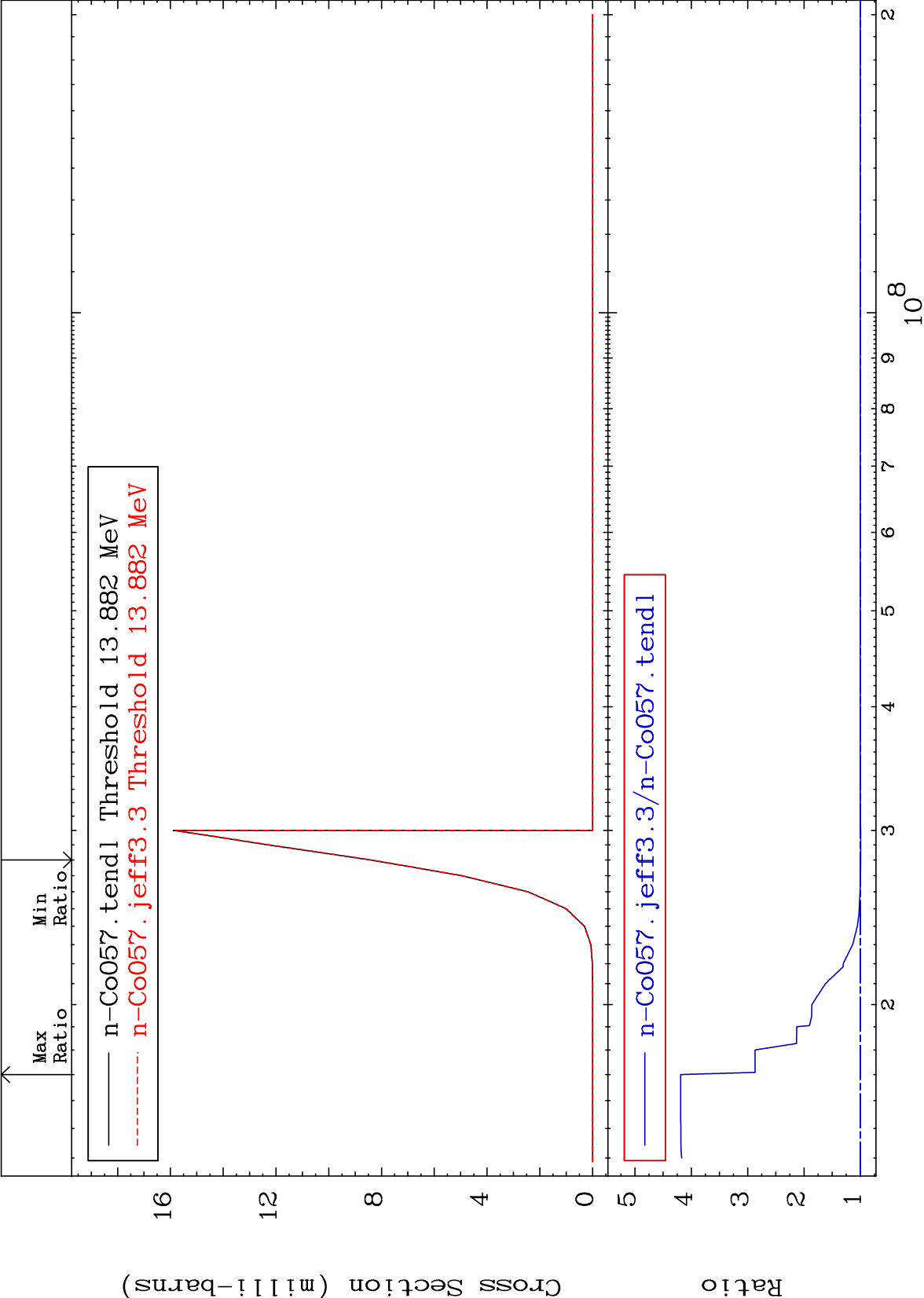
MAT 2719

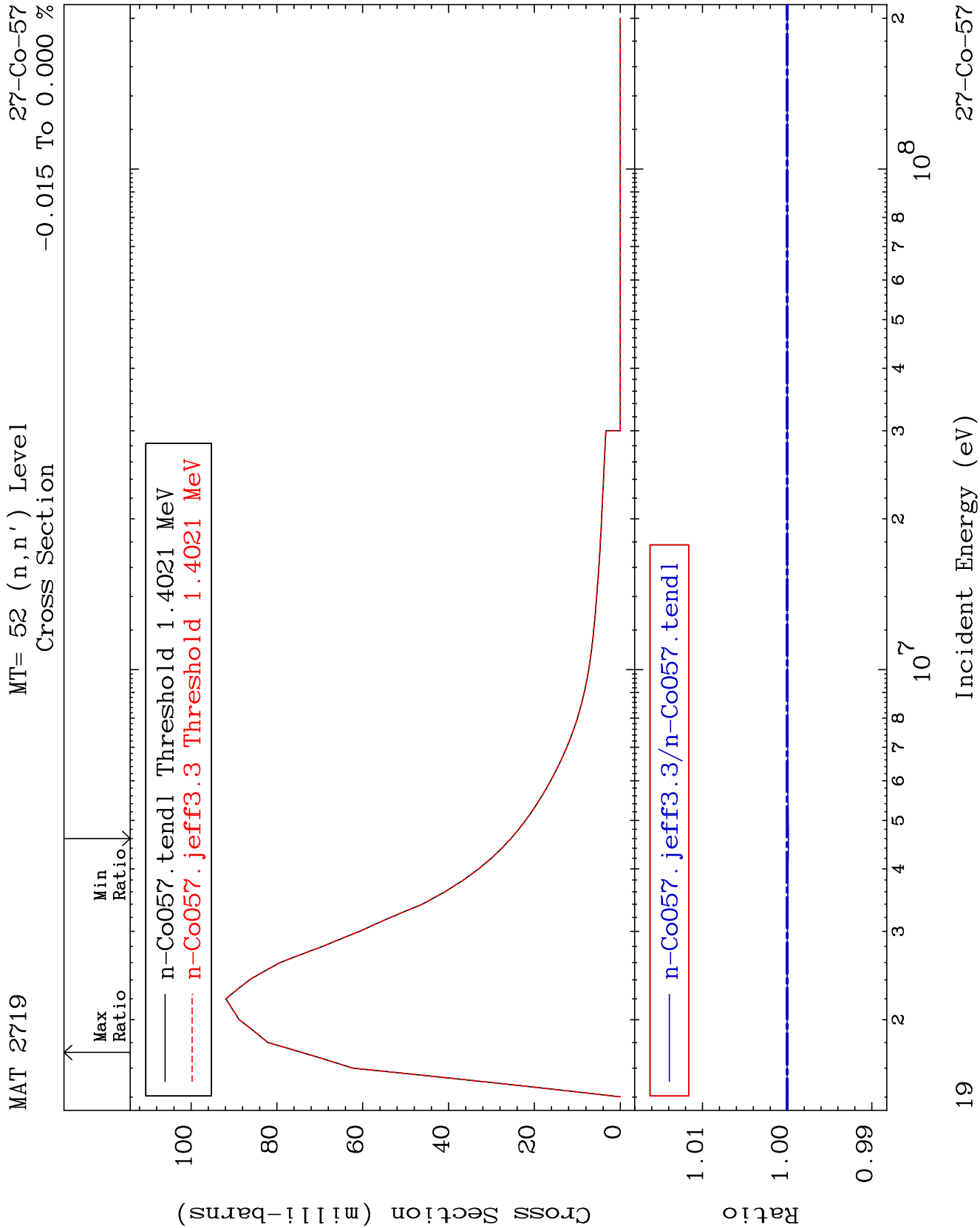
(n,3n) p
Cross Section

27-Co-57
-0.044 To 0.529 %









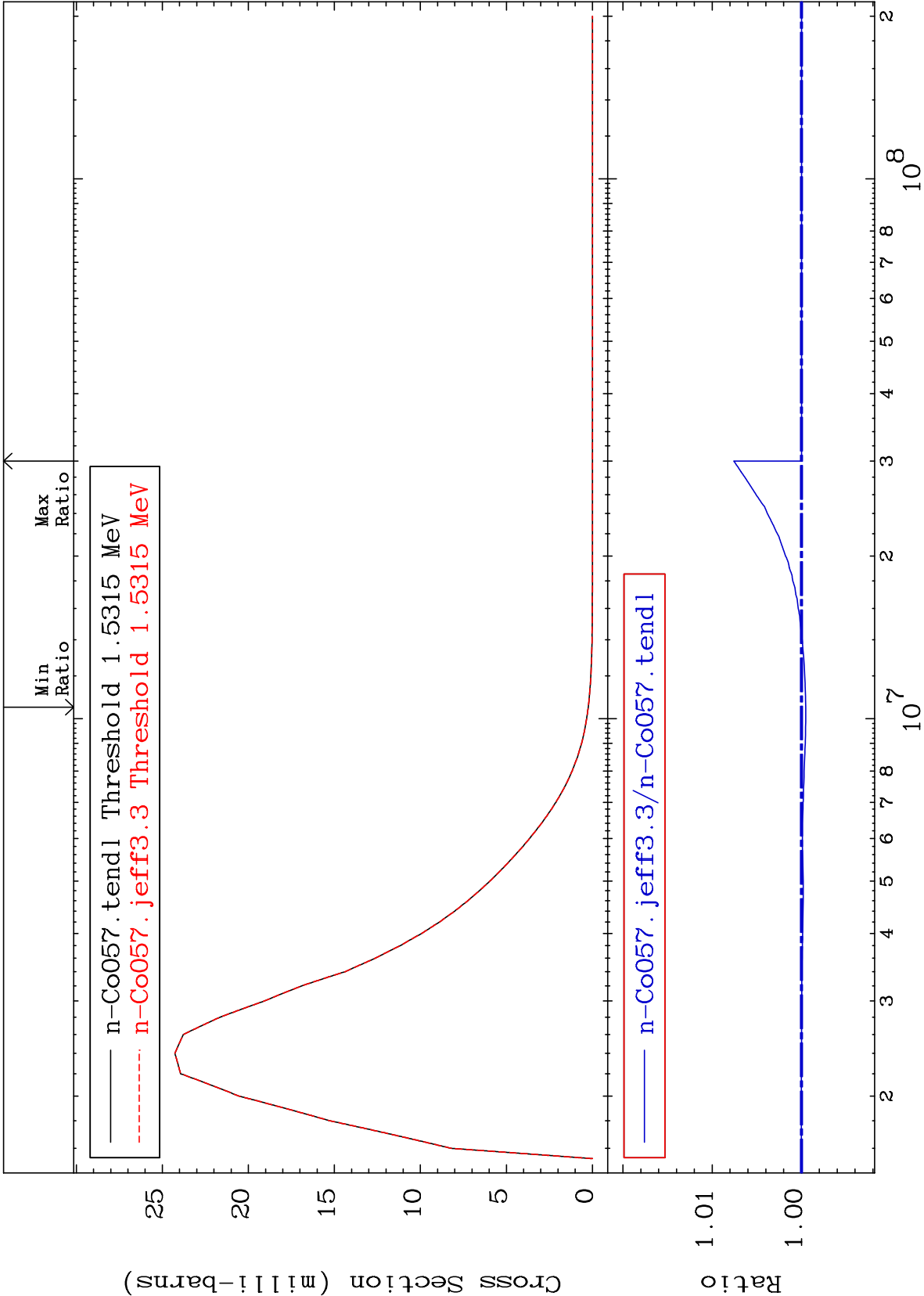
MAT 2719

MT= 53 (n,n') Level

27-Co-57

-0.047 To 0.758 %

Cross Section



20

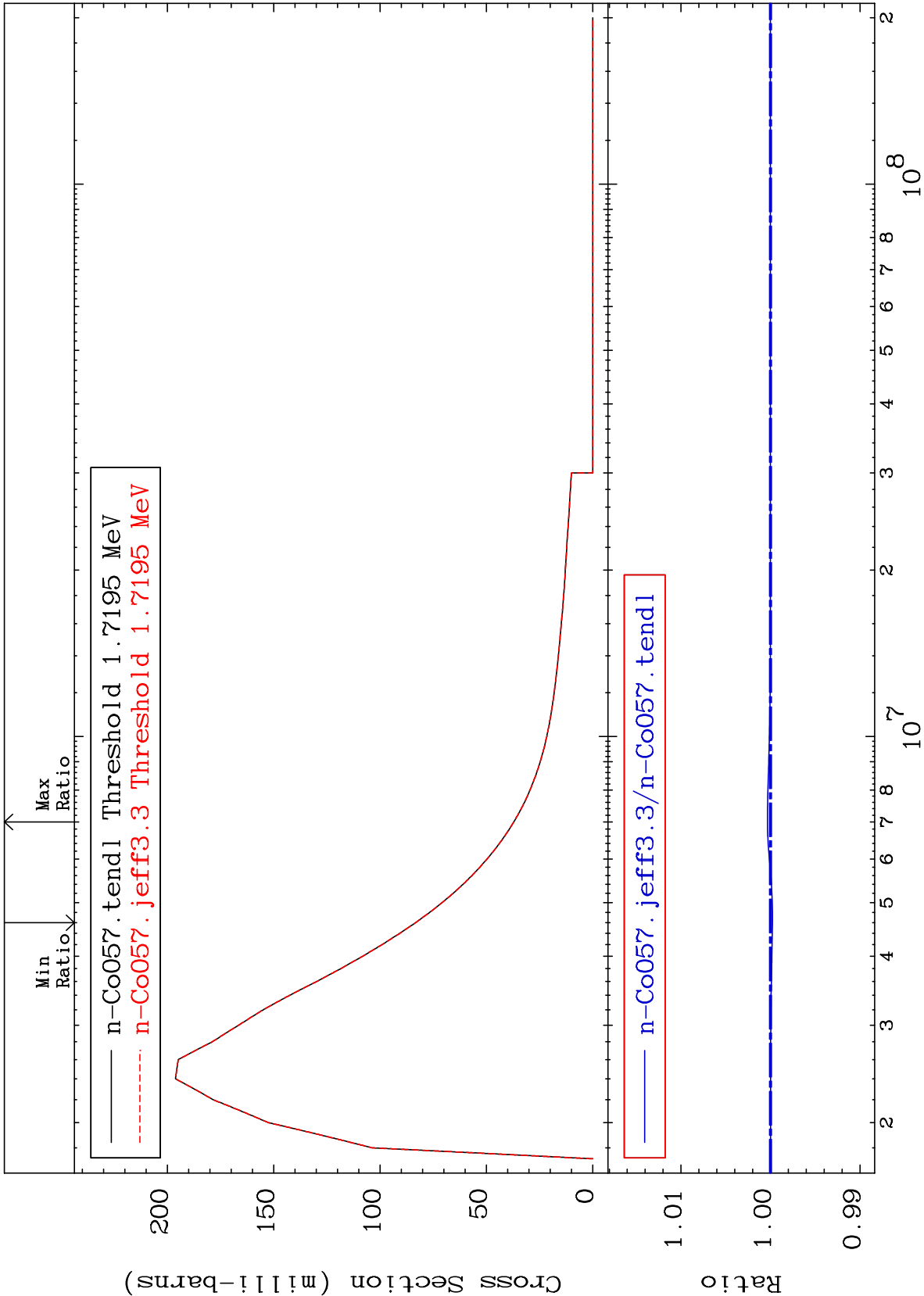
Incident Energy (eV)

27-Co-57

MAT 2719

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

27-Co-57
-0.022 To 0.035 %



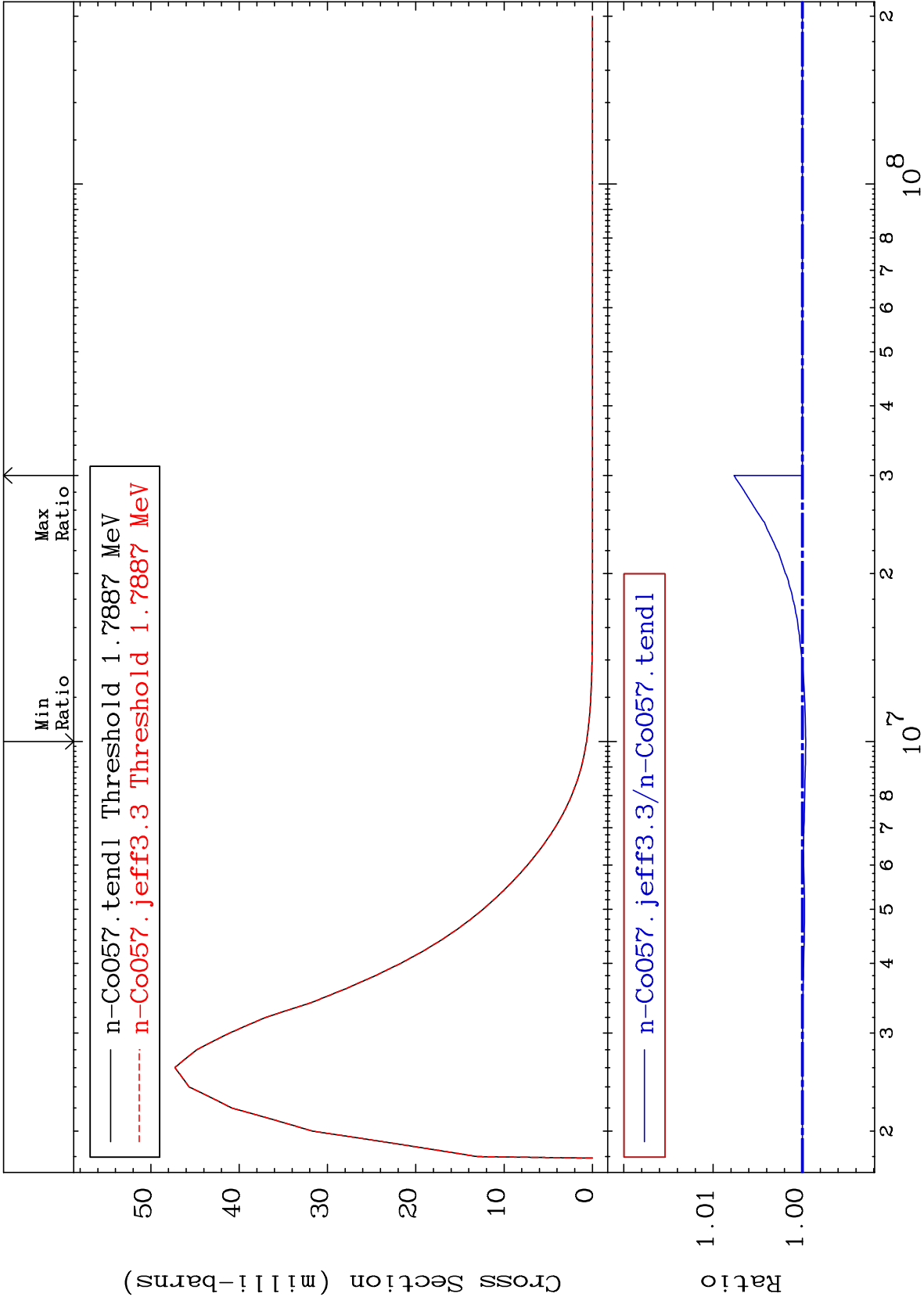
MAT 2719

MT= 55 (n,n') Level

27-Co-57

-0.036 To 0.767 %

Cross Section



22

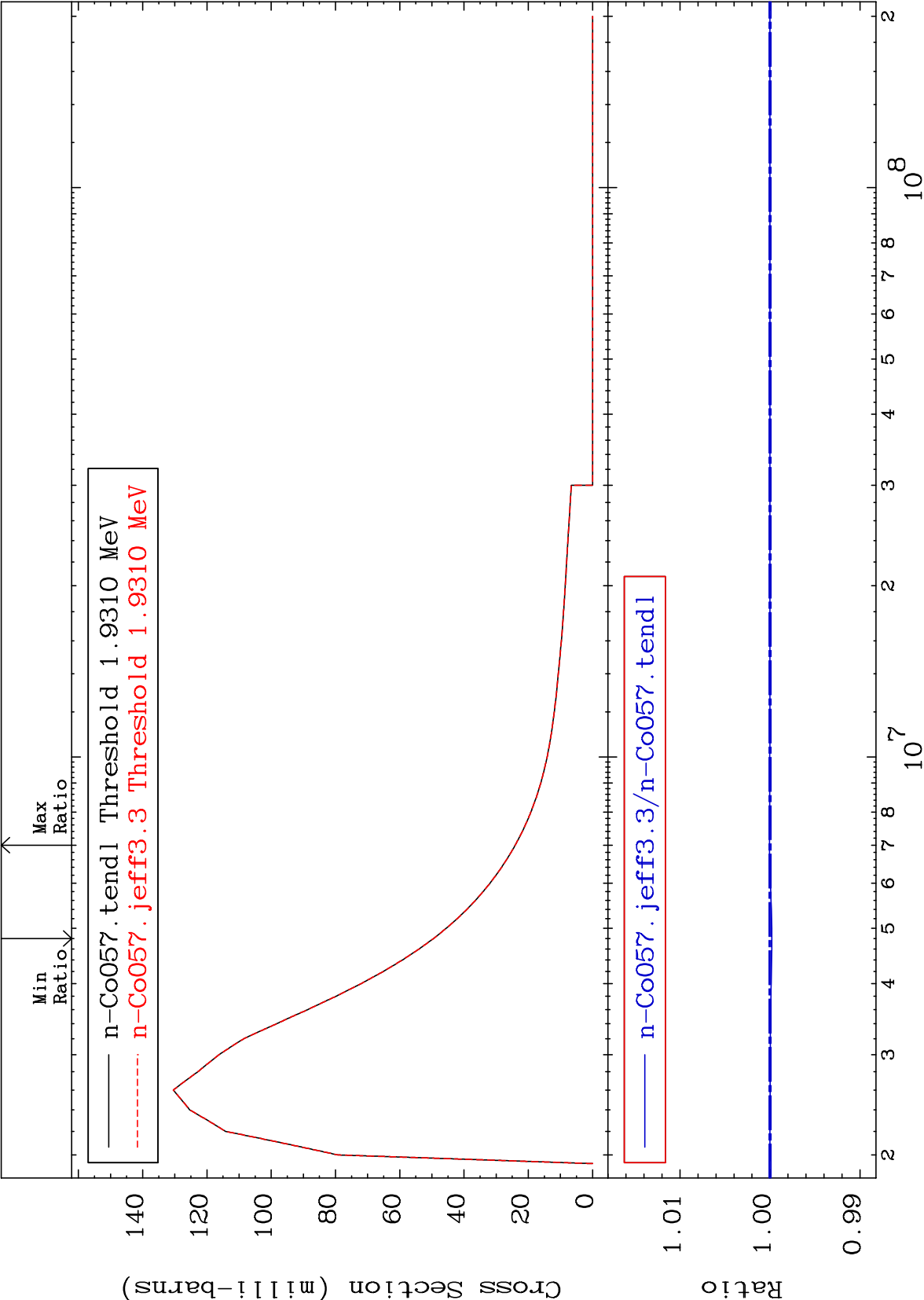
Incident Energy (eV)

27-Co-57

MAT 2719

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

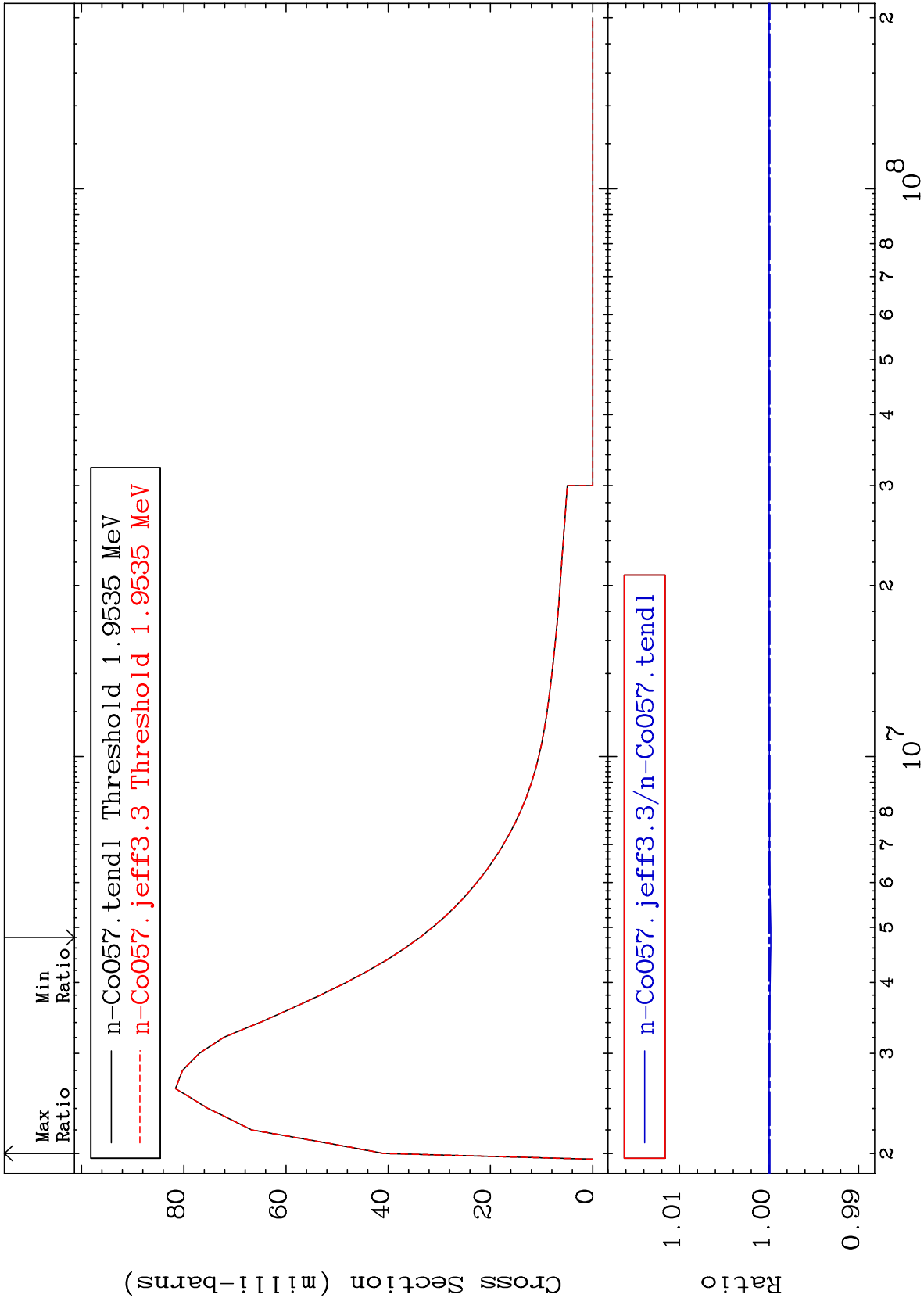
27-Co-57
-0.021 To 0.005 %

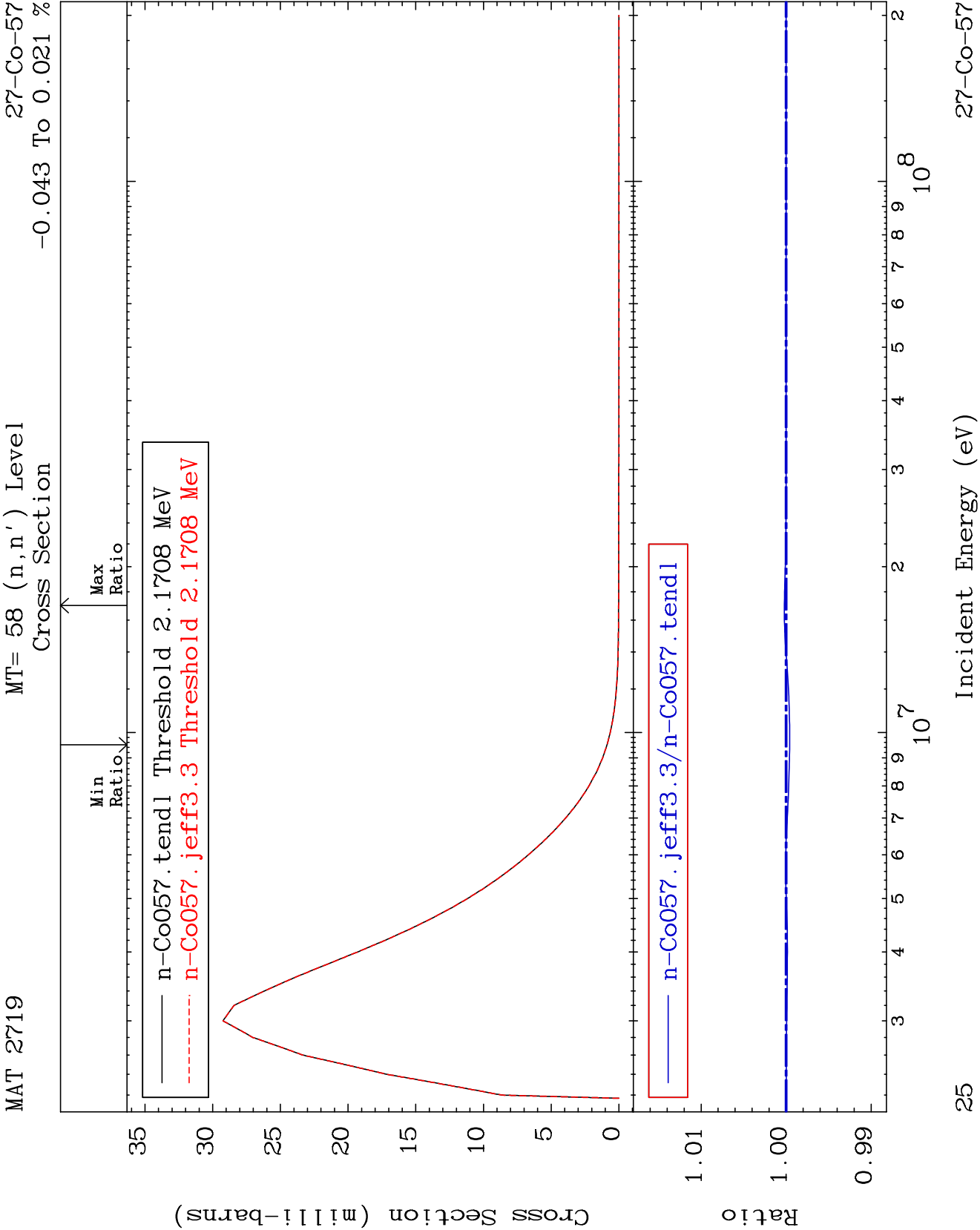


MAT 2719

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

27-Co-57
-0.018 To 0.000 %





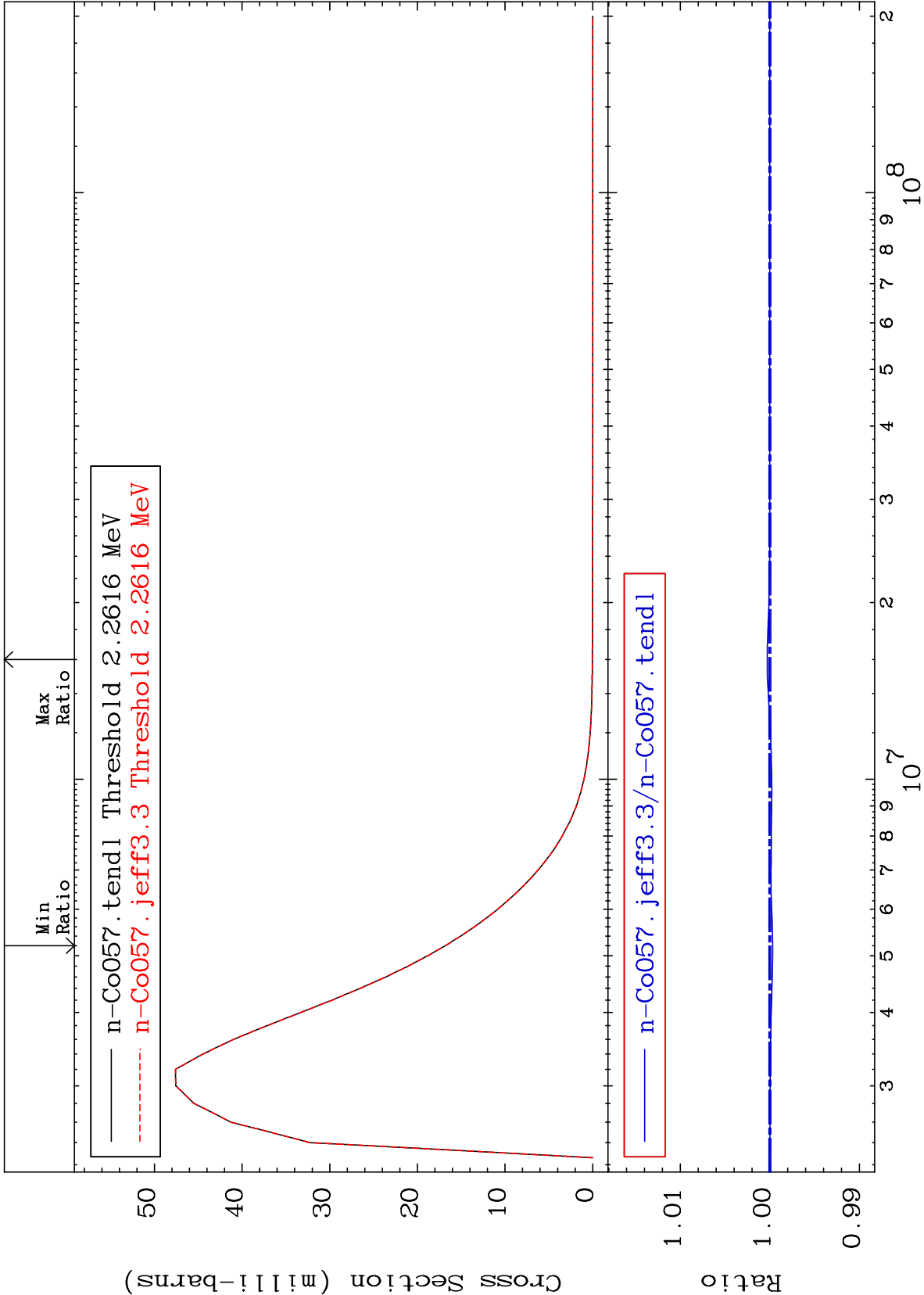
MAT 2719

MT= 59 (n,n') Level

27-Co-57

-0.030 To 0.030 %

Cross Section



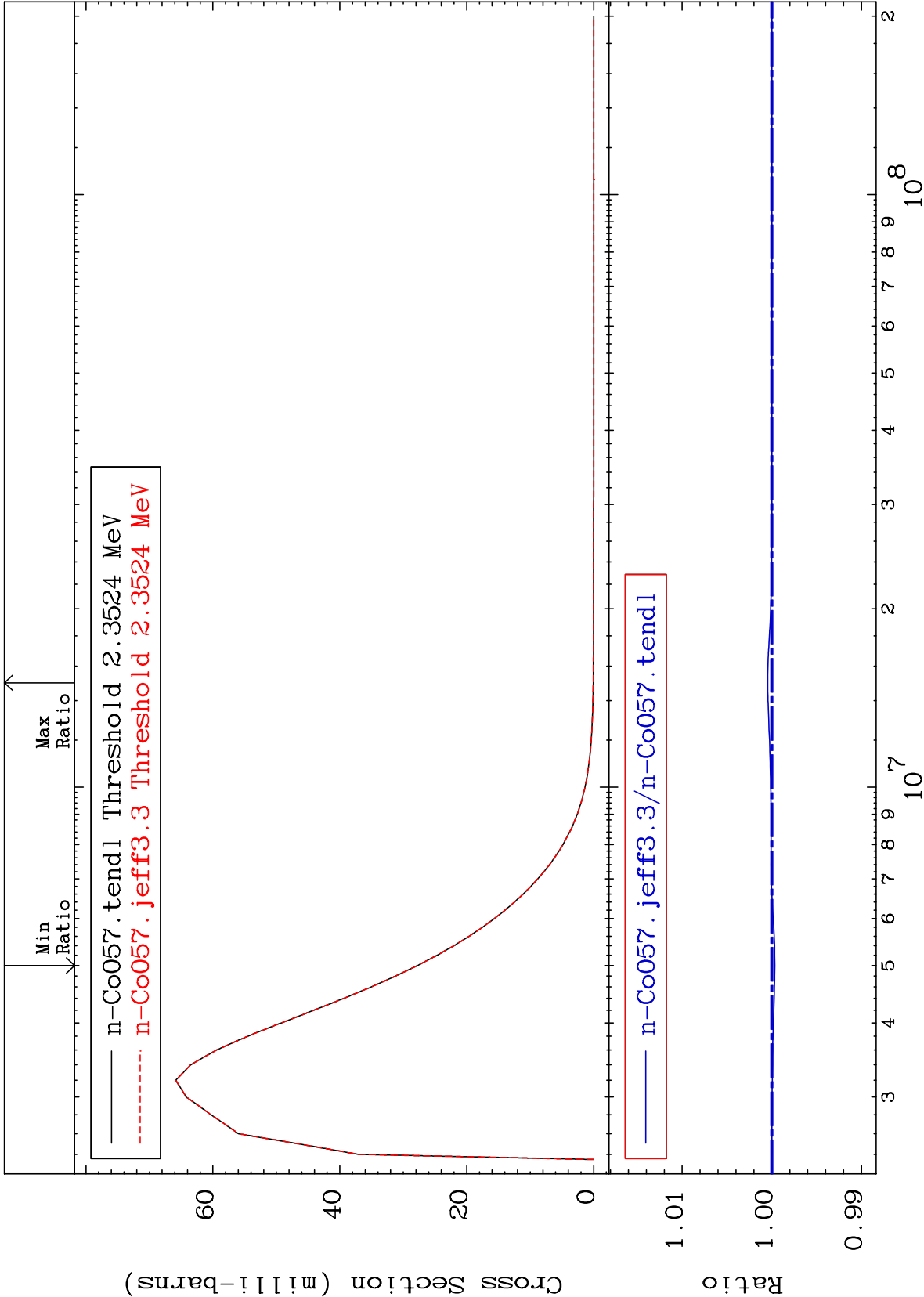
MAT 2719

MT= 60 (n,n') Level

27-Co-57

-0.032 To 0.047 %

Cross Section



27

Incident Energy (eV)

27-Co-57

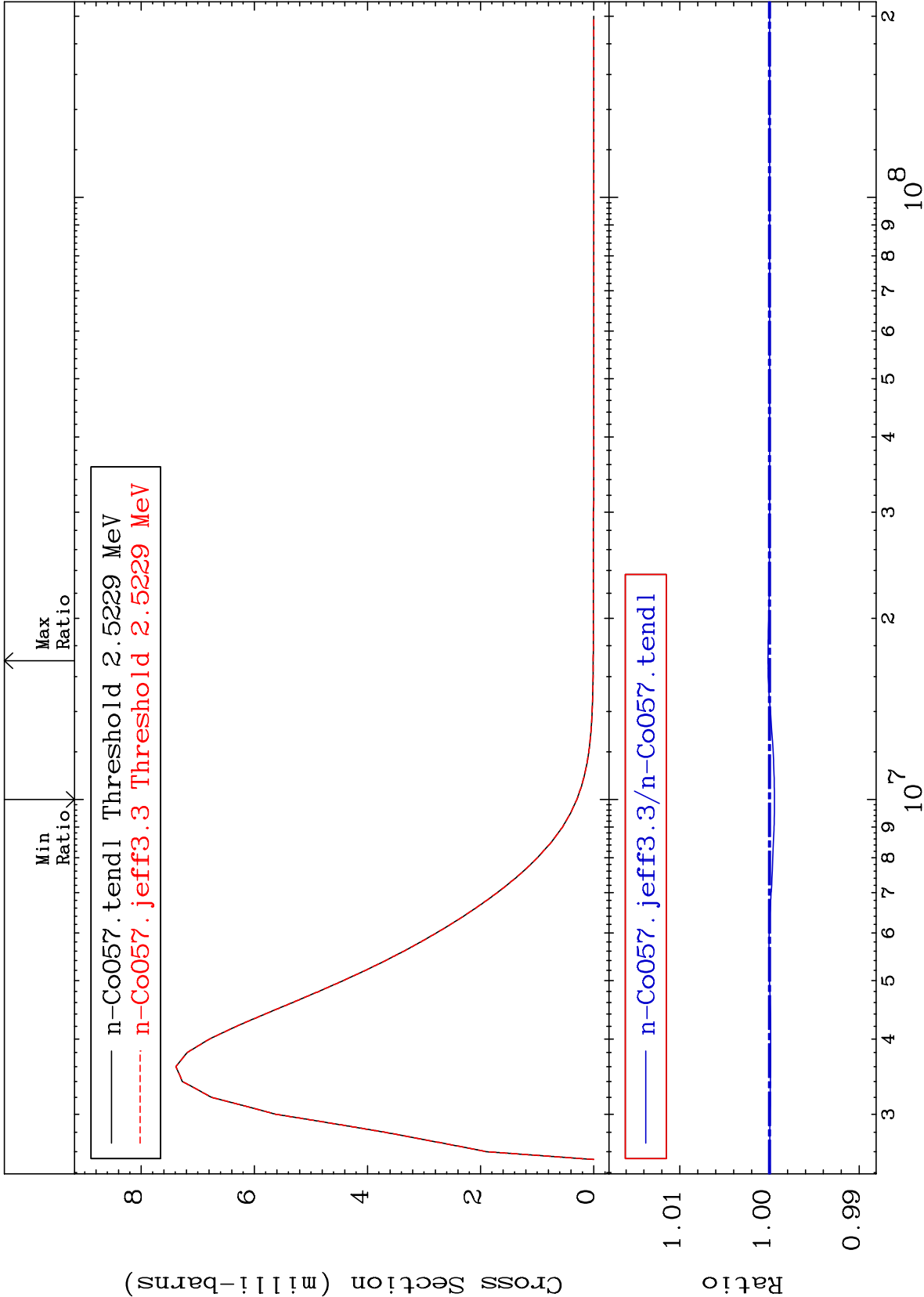
MAT 2719

MT= 61 (n,n') Level

27-Co-57

-0.054 To 0.017 %

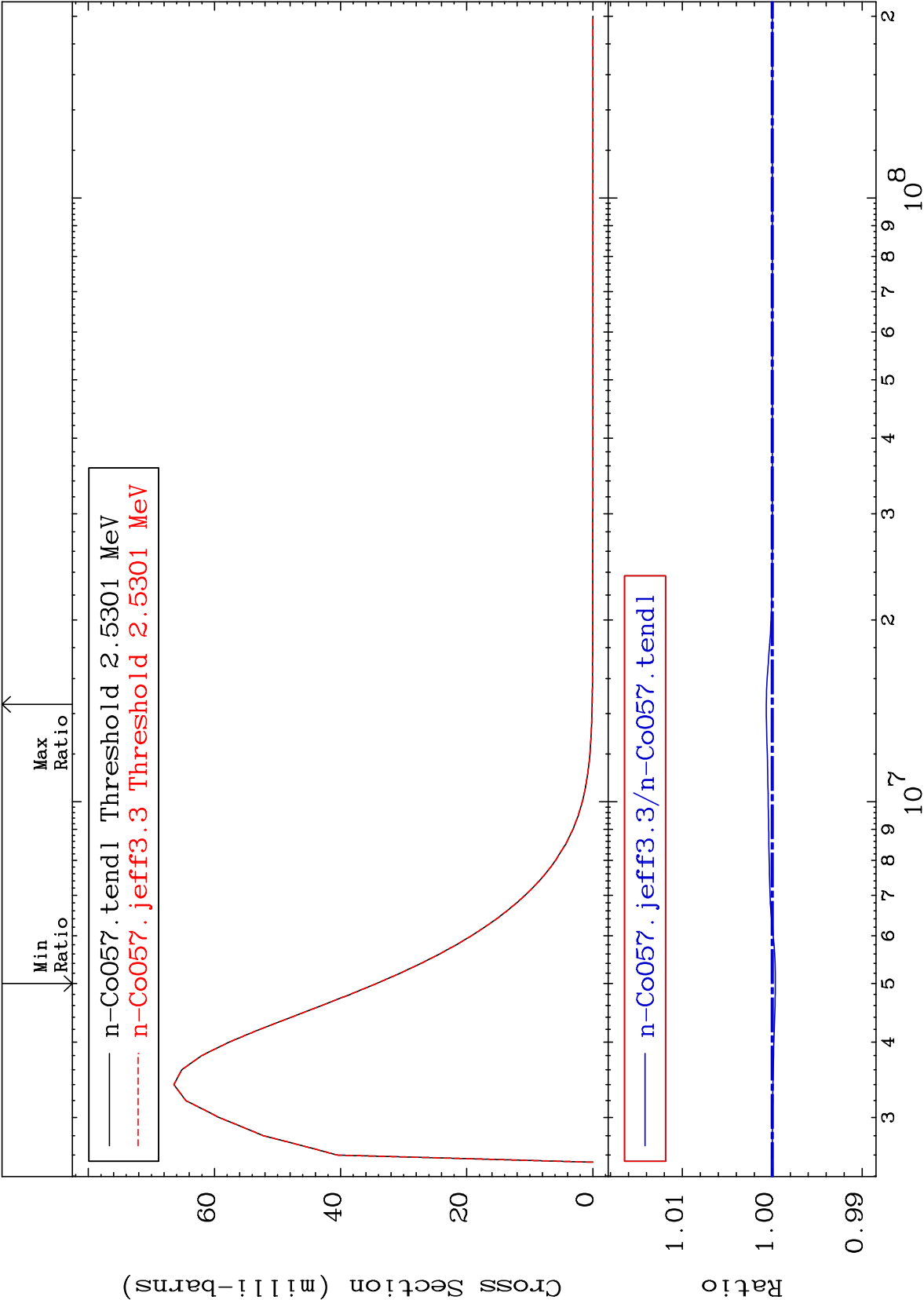
Cross Section



MAT 2719

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

27-Co-57
-0.034 To 0.067 %



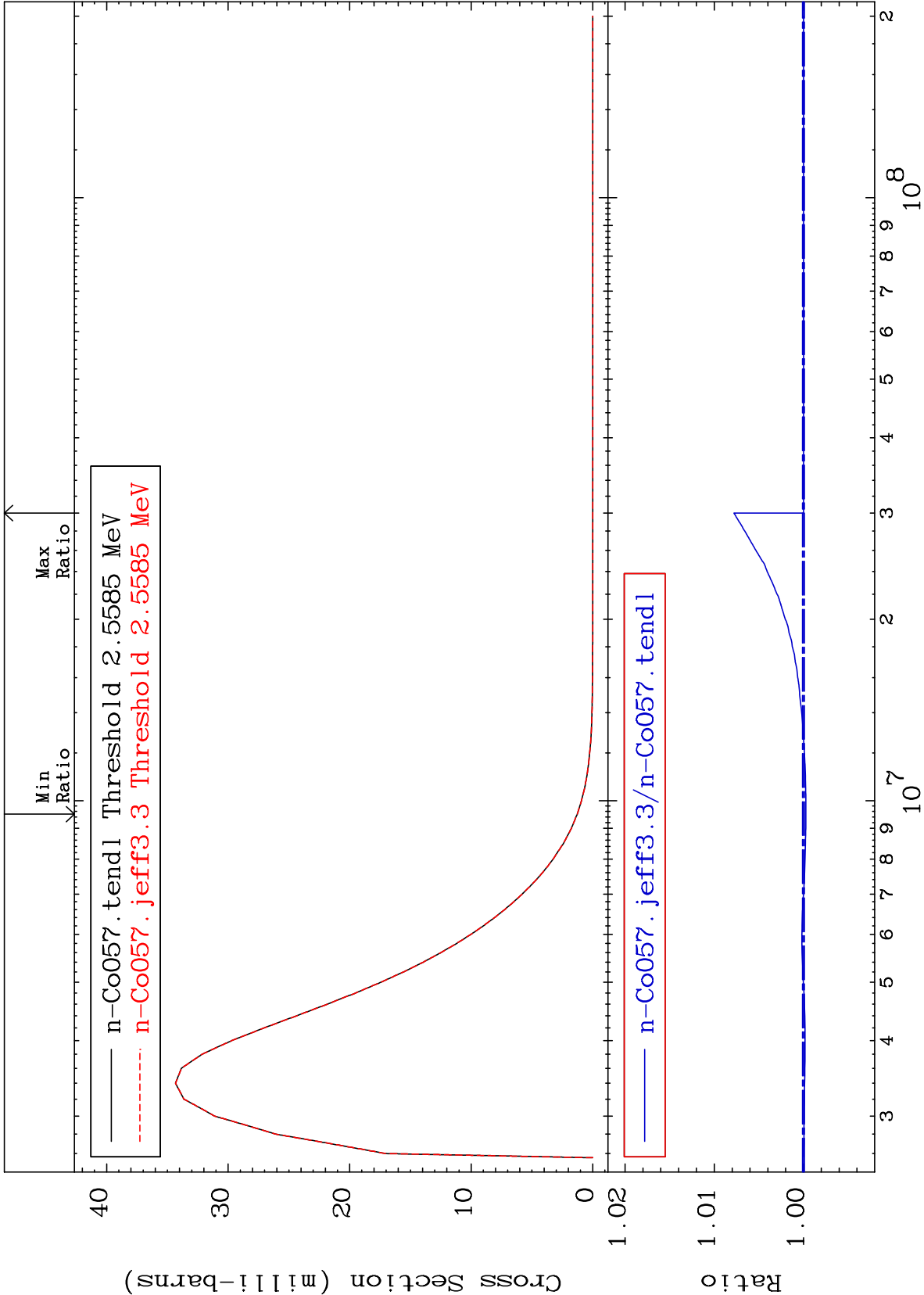
MAT 2719

MT= 63 (n,n') Level

27-Co-57

-0.027 To 0.780 %

Cross Section



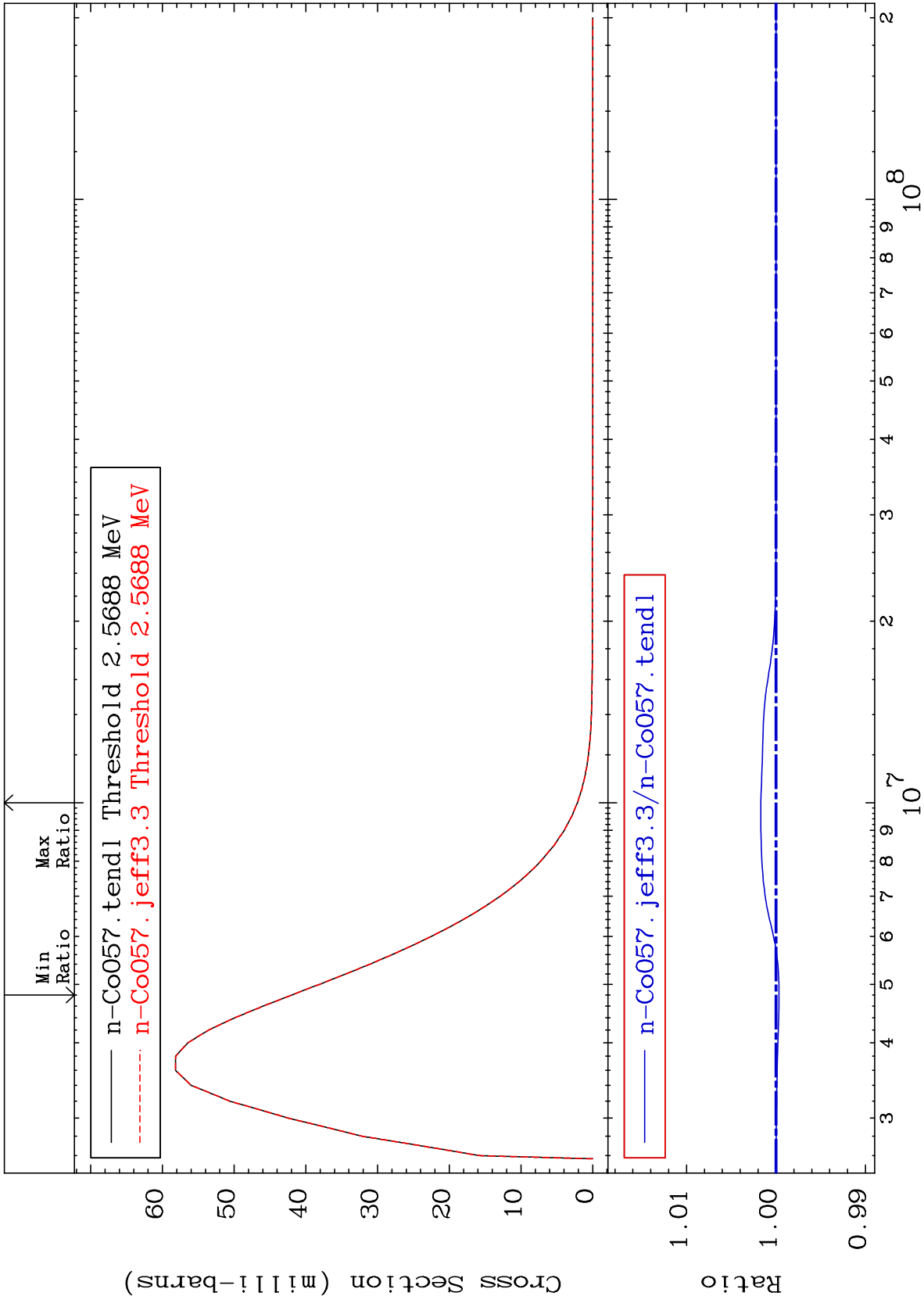
MAT 2719

MT= 64 (n,n') Level

27-Co-57

-0.034 To 0.170 %

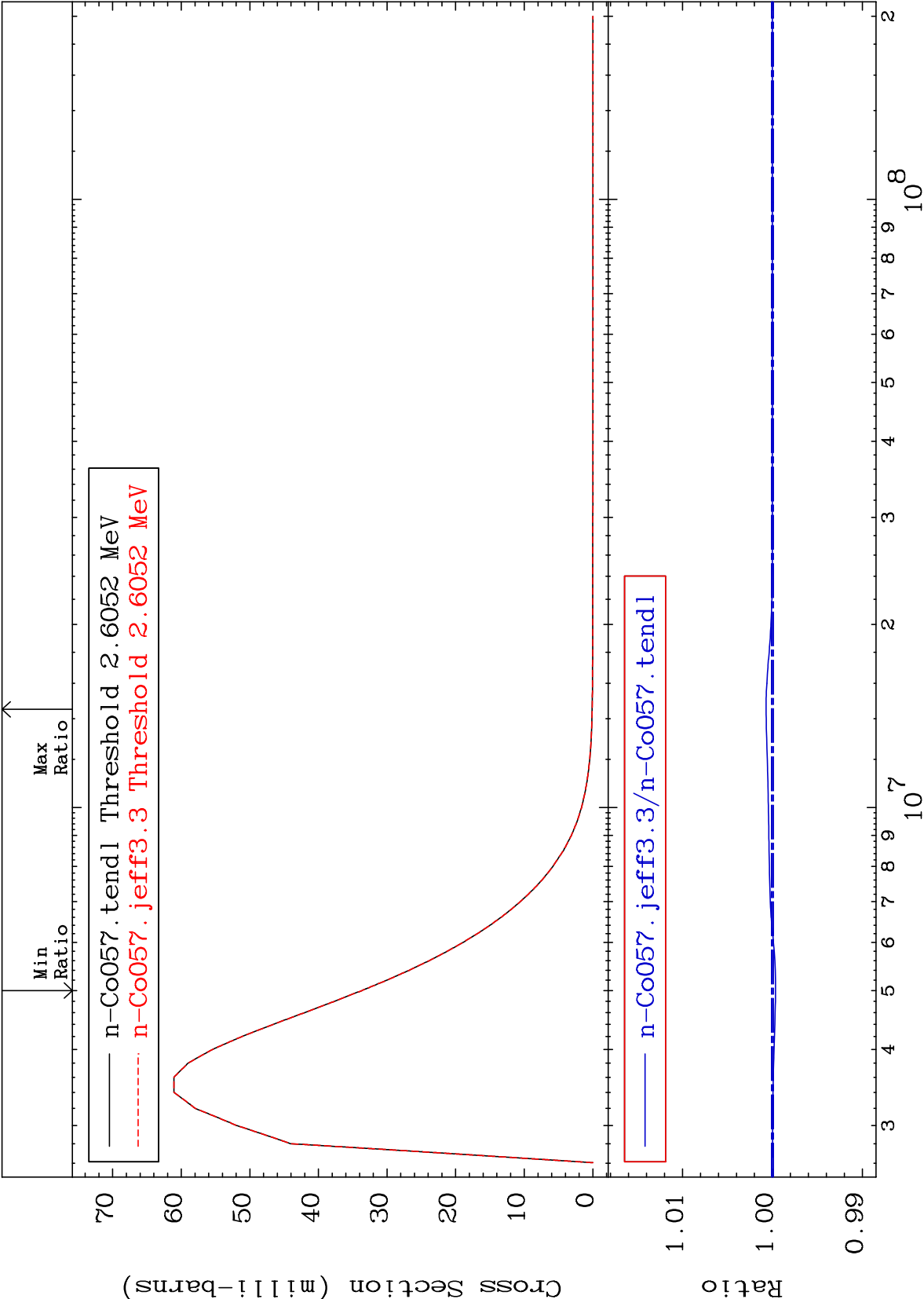
Cross Section



MAT 2719

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

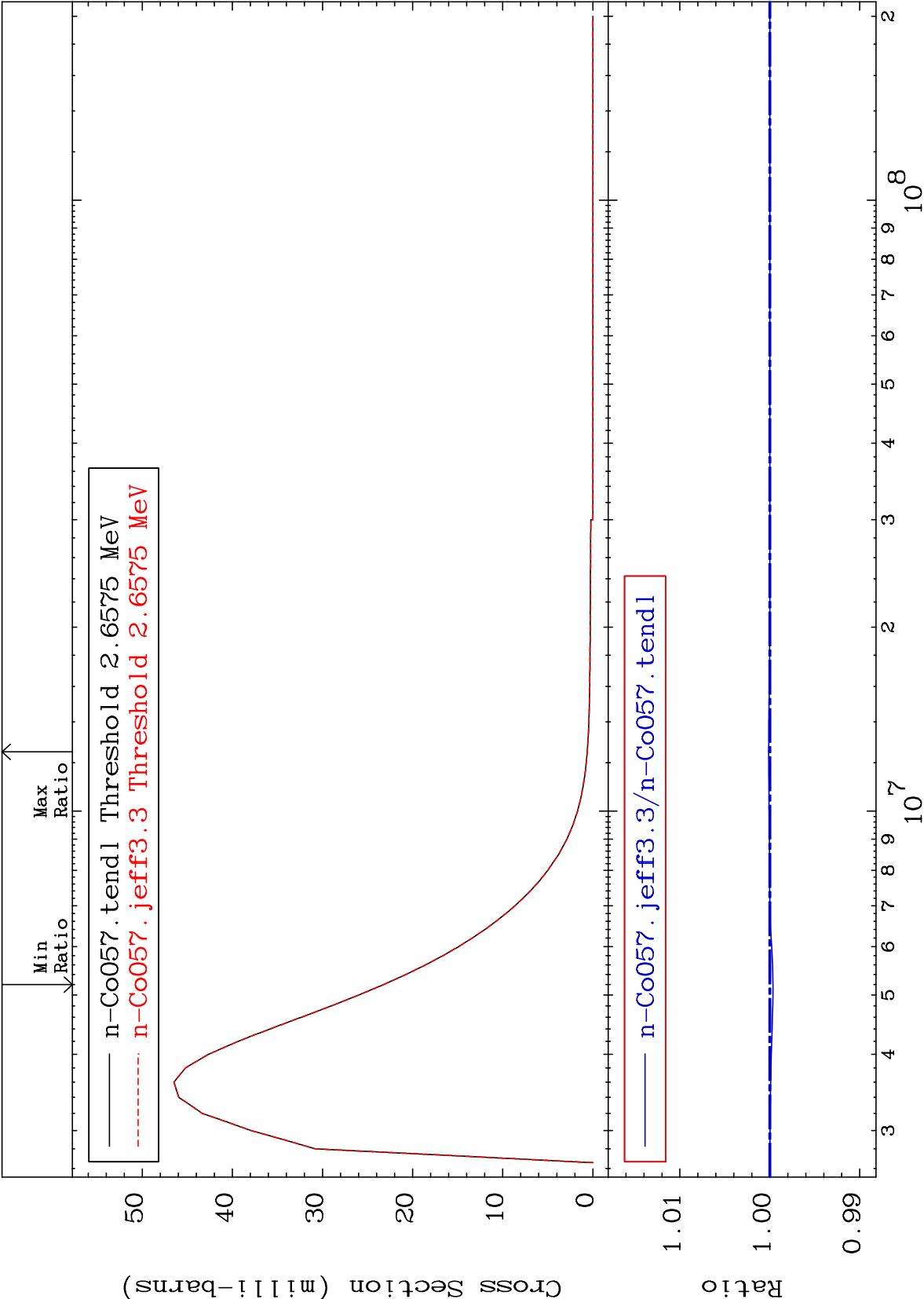
27-Co-57
-0.035 To 0.070 %



MAT 2719

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

27-Co-57
-0.035 To 0.013 %



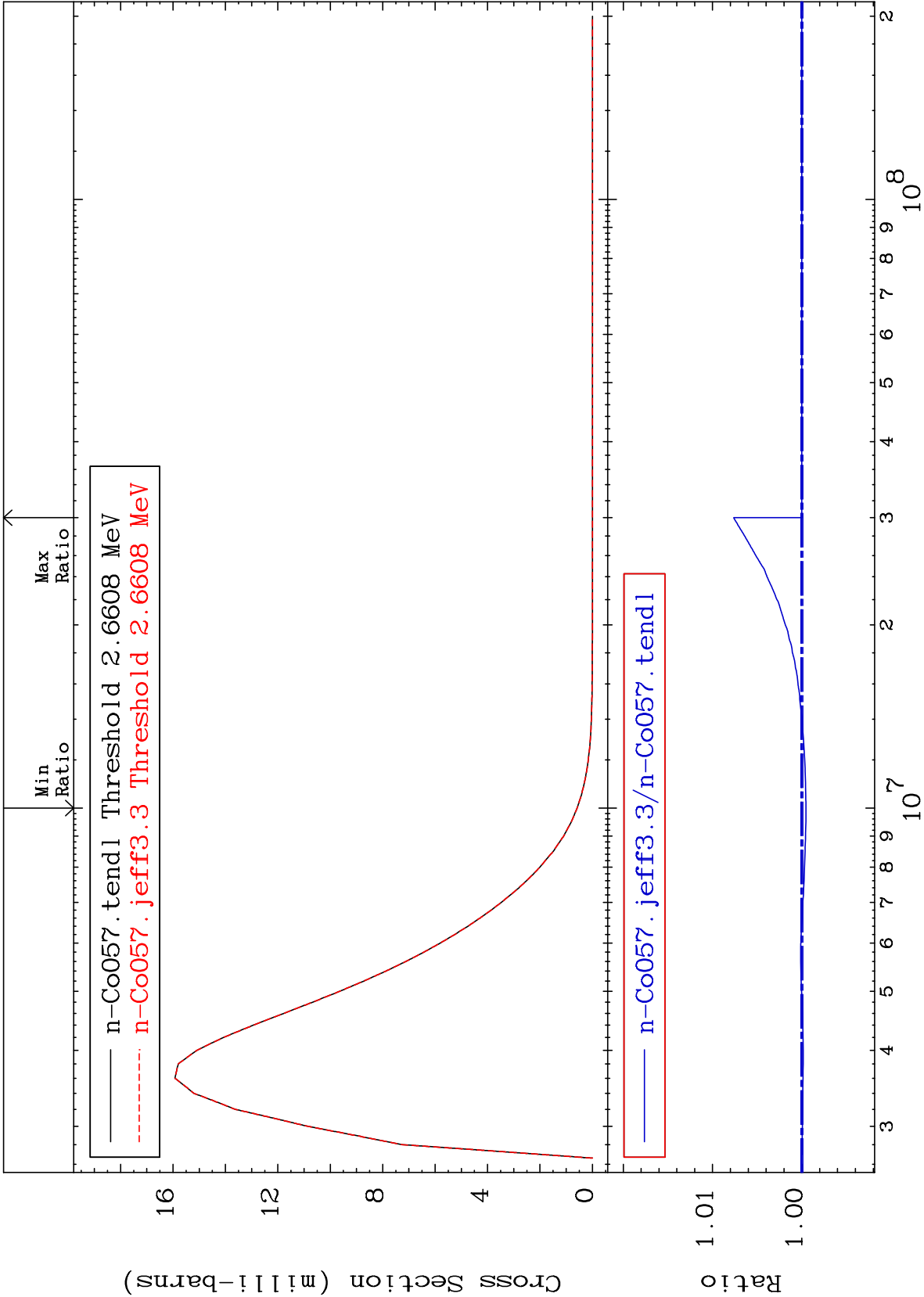
MAT 2719

MT= 67 (n,n') Level

27-Co-57

-0.045 To 0.764 %

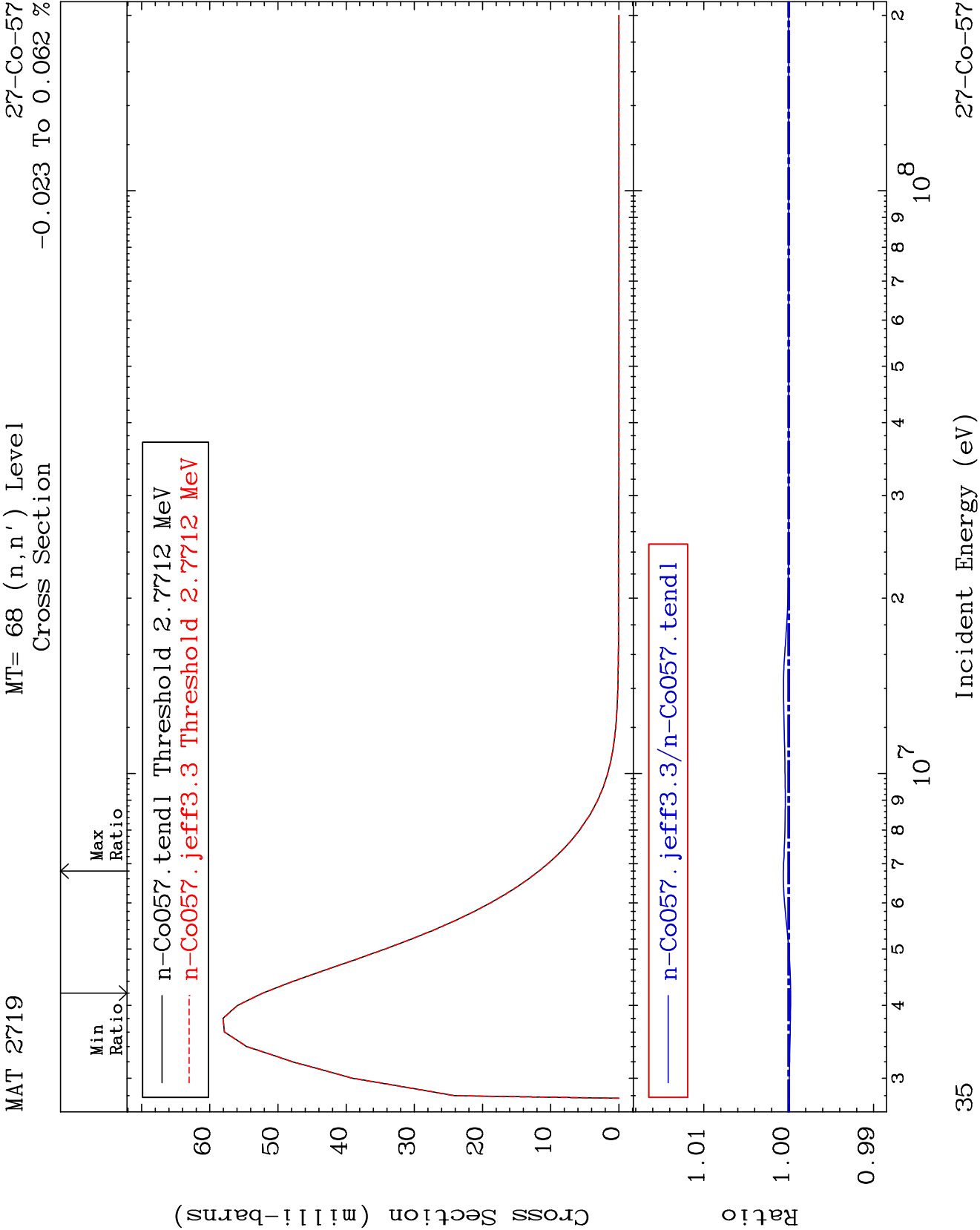
Cross Section



34

Incident Energy (eV)

27-Co-57



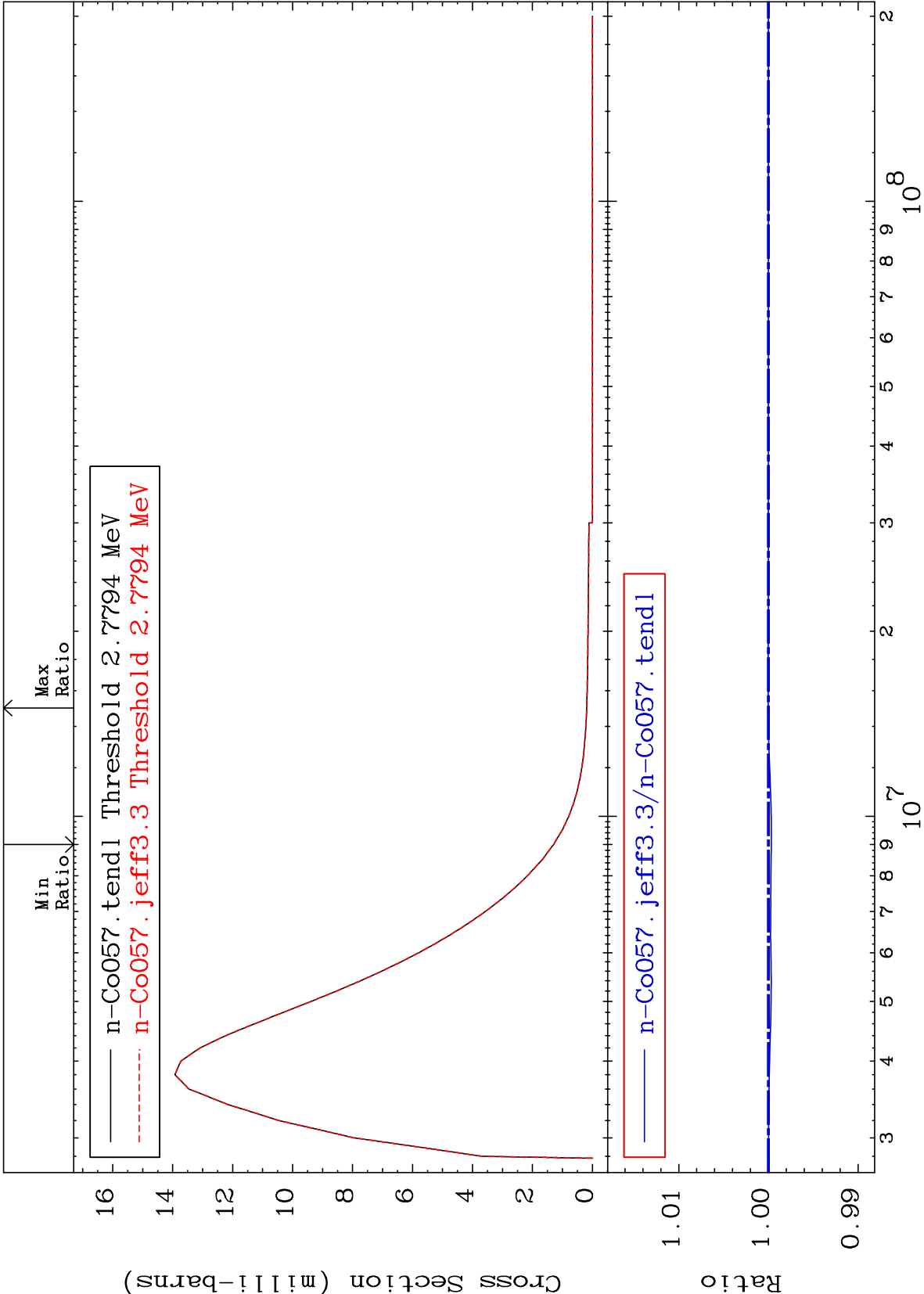
MAT 2719

MT= 69 (n,n') Level

27-Co-57

-0.003 To 0.003 %

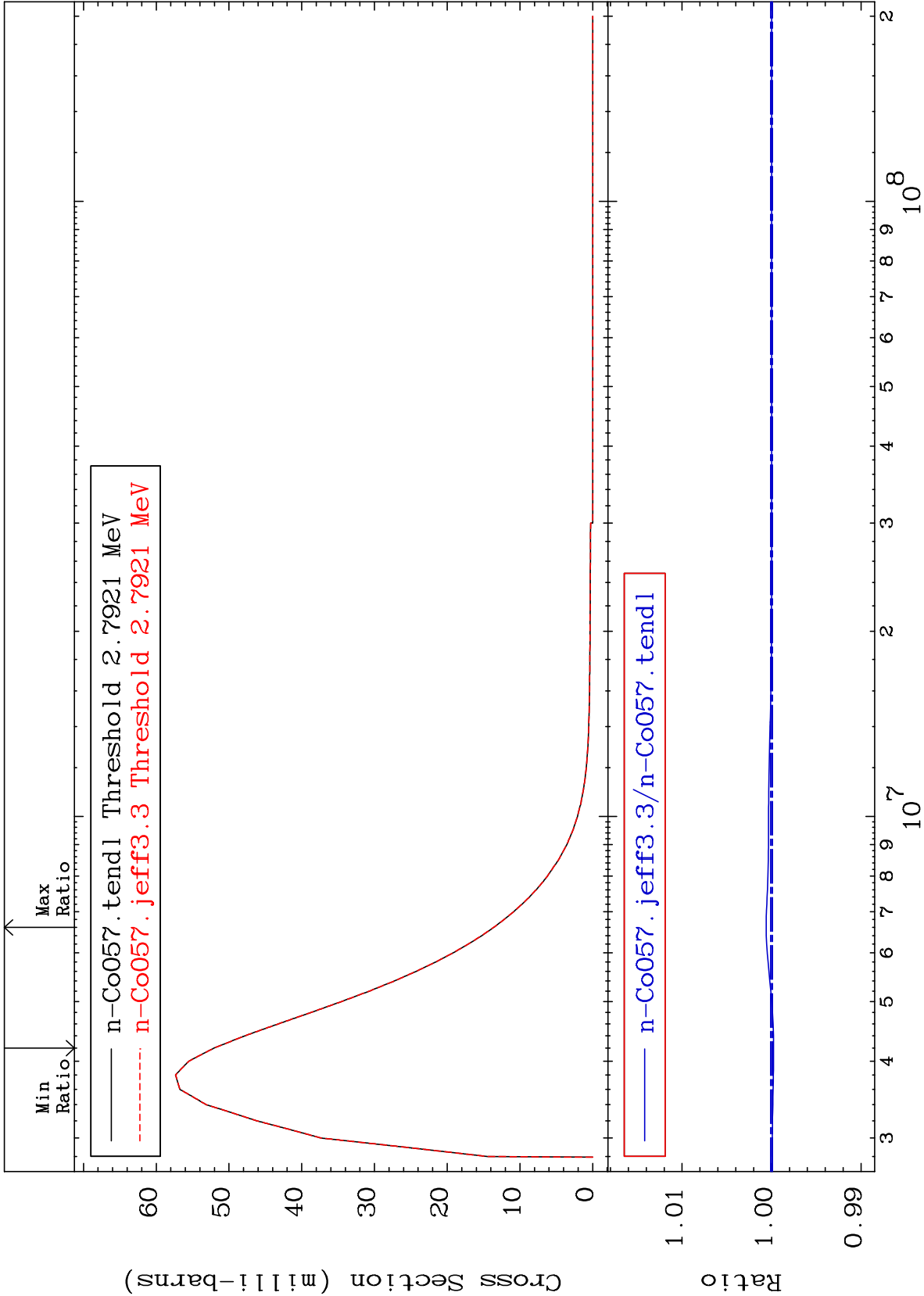
Cross Section



MAT 2719

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

27-Co-57
-0.022 To 0.060 %

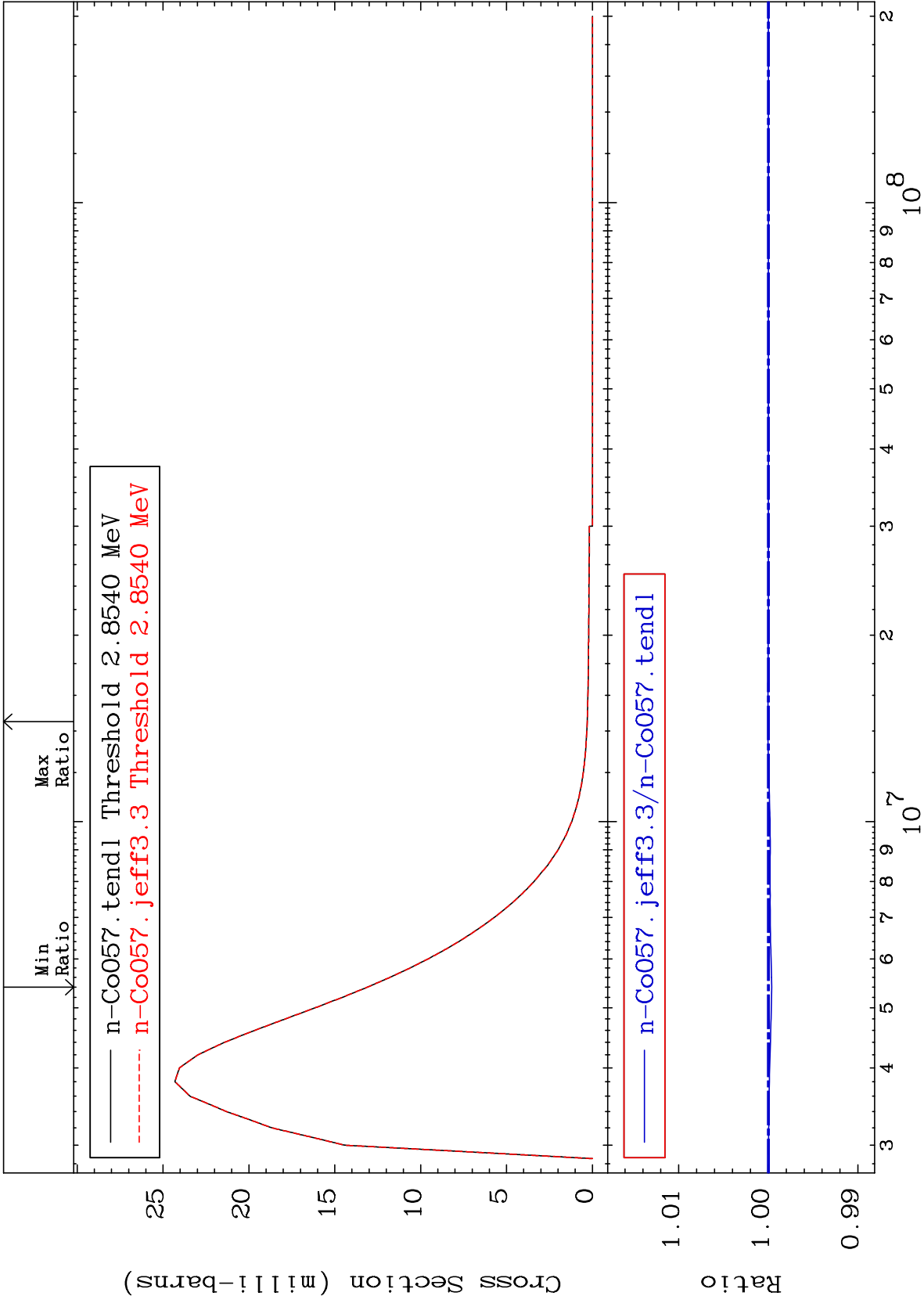


37

MAT 2719

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

27-Co-57
-0.037 To 0.005 %



38

Incident Energy (eV)

27-Co-57

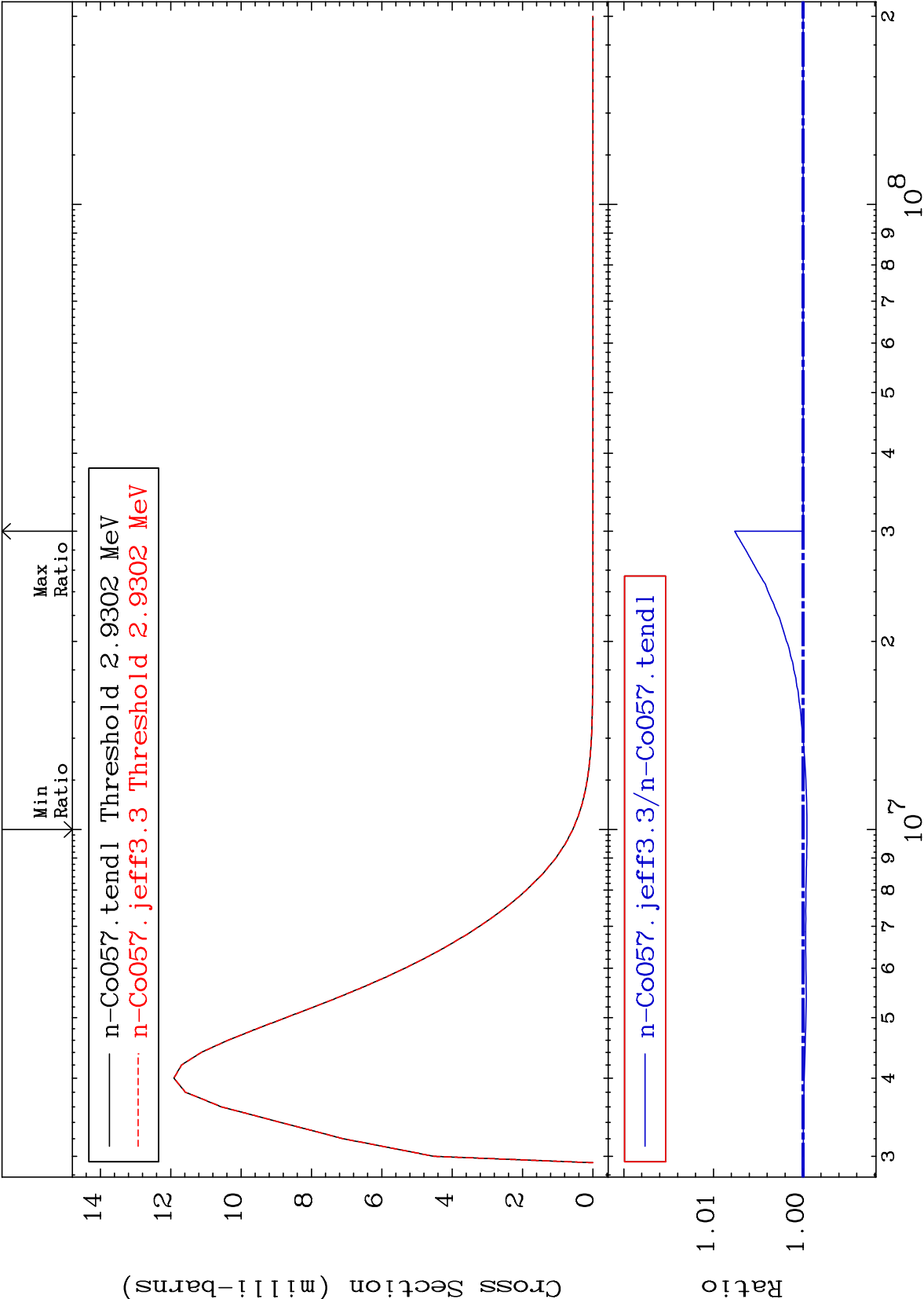
MAT 2719

MT= 72 (n,n') Level

27-Co-57

-0.043 To 0.763 %

Cross Section



39

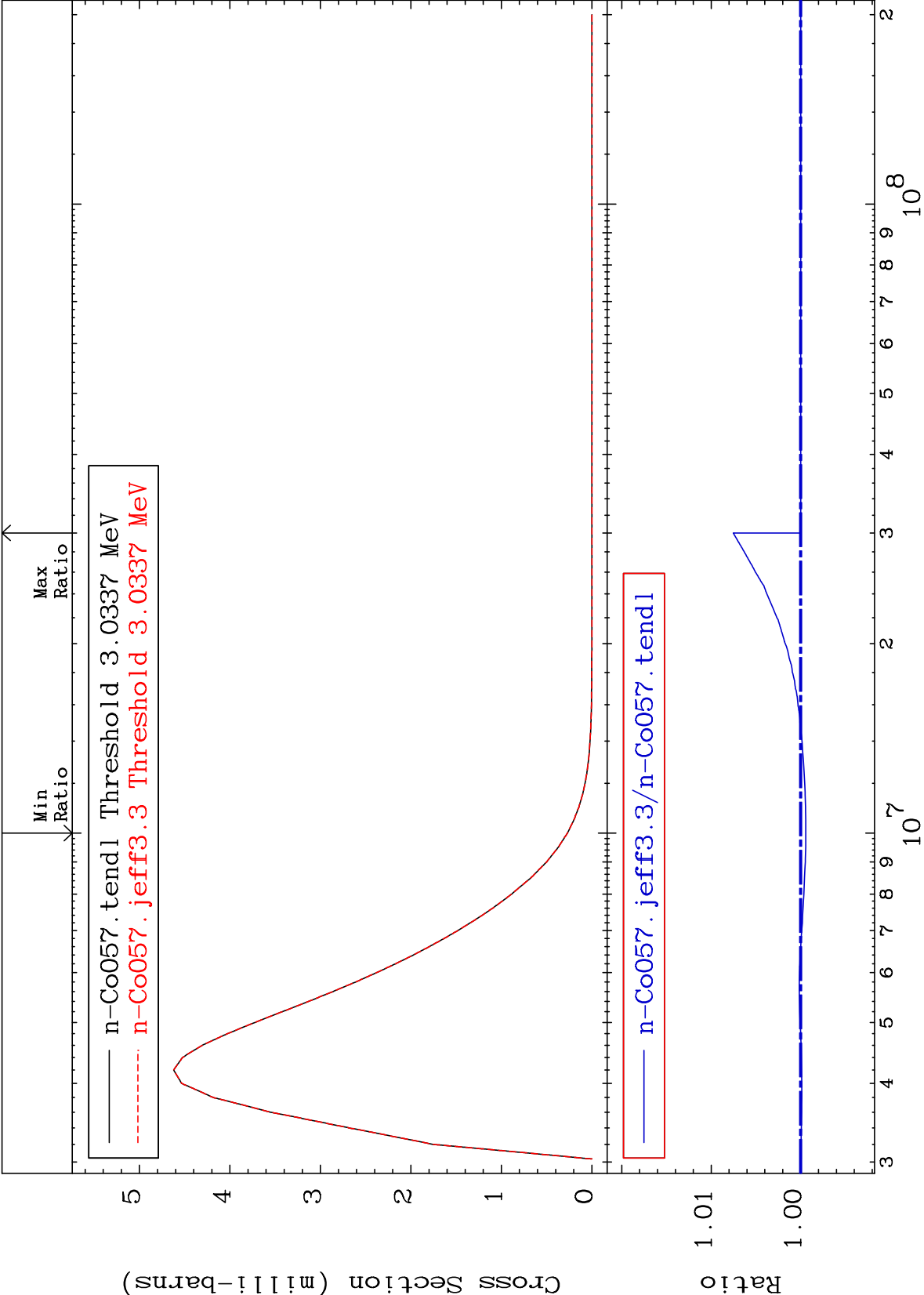
Incident Energy (eV)

27-Co-57

MAT 2719

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

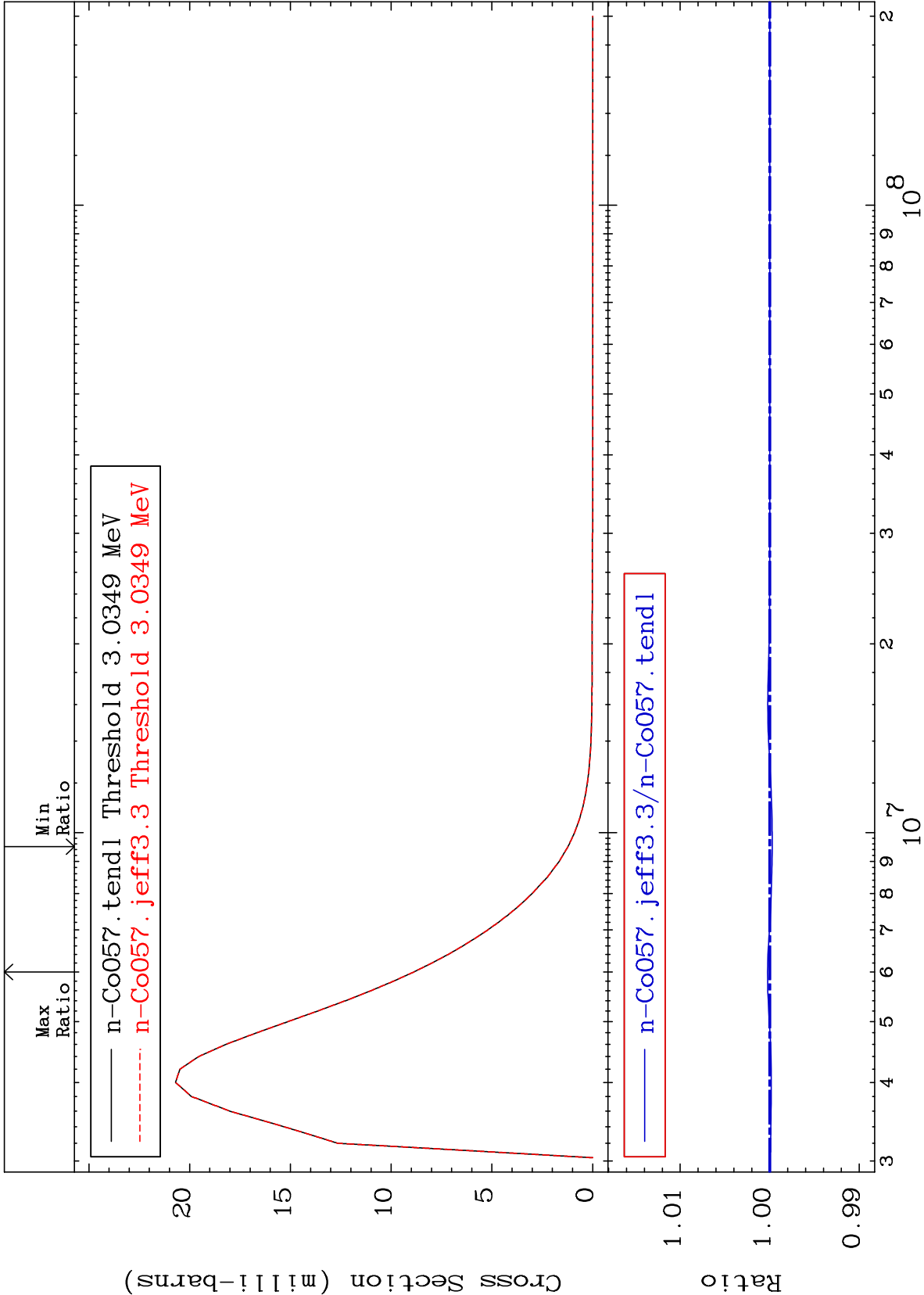
27-Co-57
-0.058 To 0.754 %



MAT 2719

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

27-Co-57
-0.028 To 0.024 %



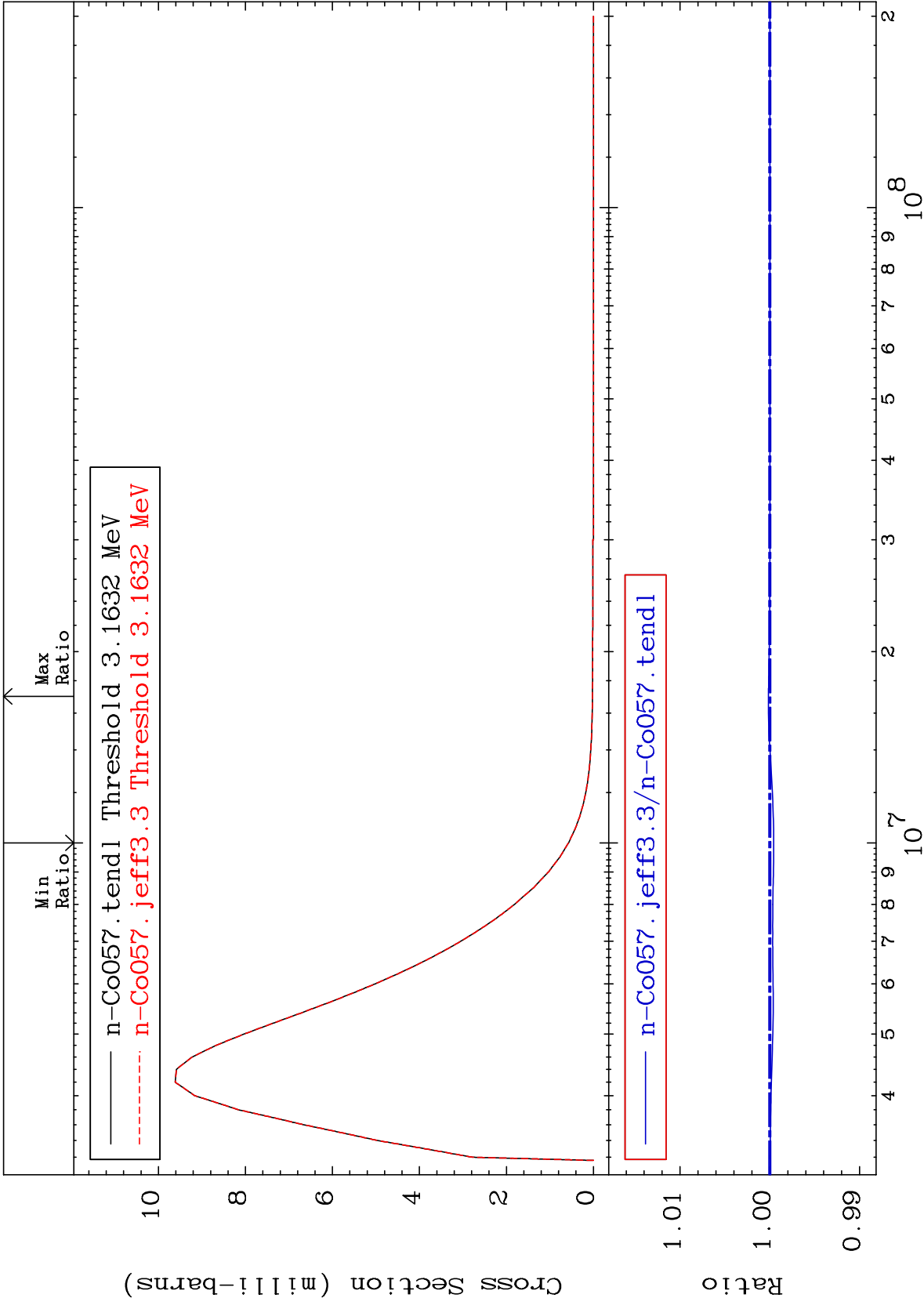
MAT 2719

MT= 75 (n,n') Level

27-Co-57

-0.043 To 0.016 %

Cross Section



42

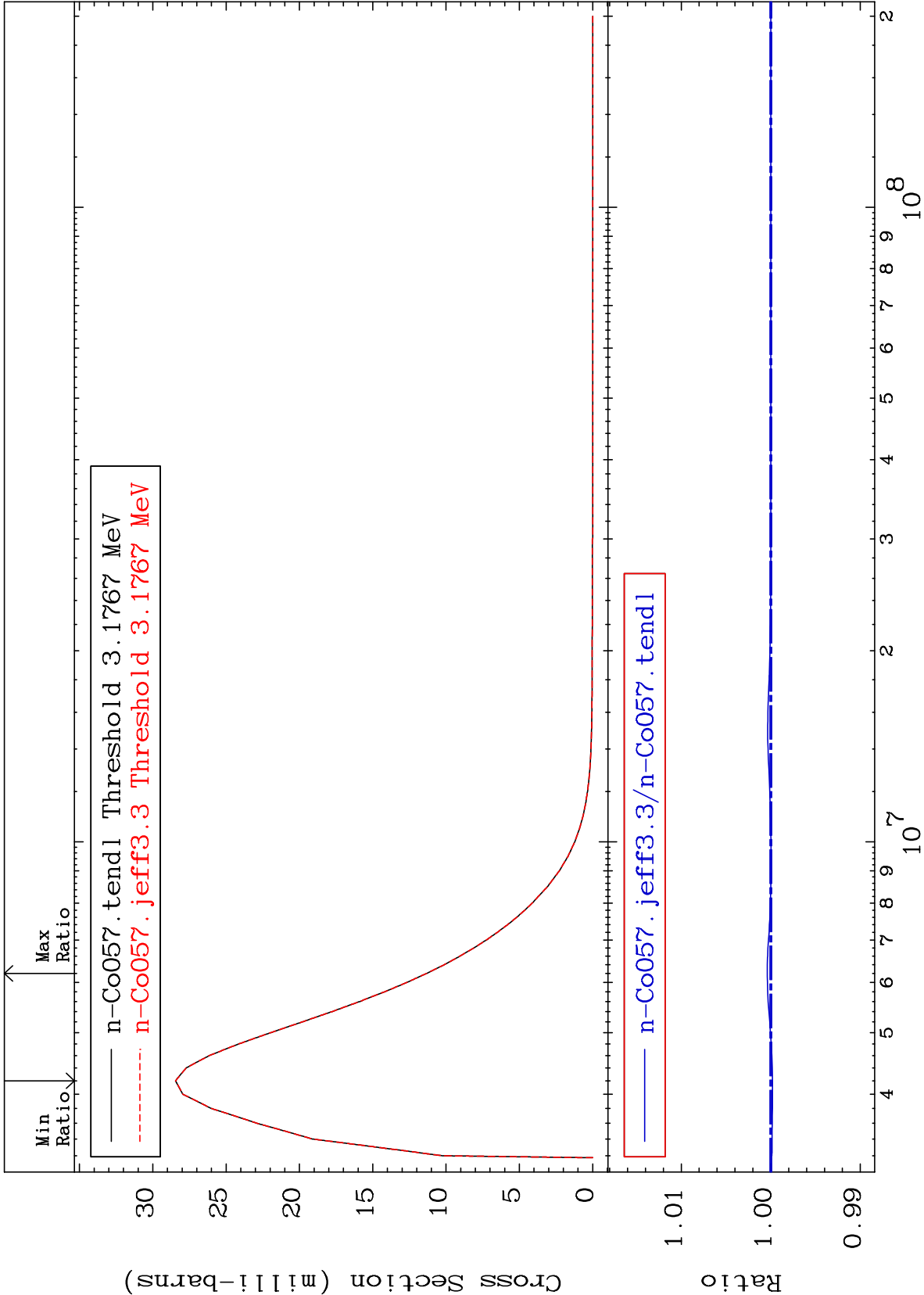
Incident Energy (eV)

27-Co-57

MAT 2719

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

27-Co-57
-0.020 To 0.040 %



43

Incident Energy (eV)

27-Co-57

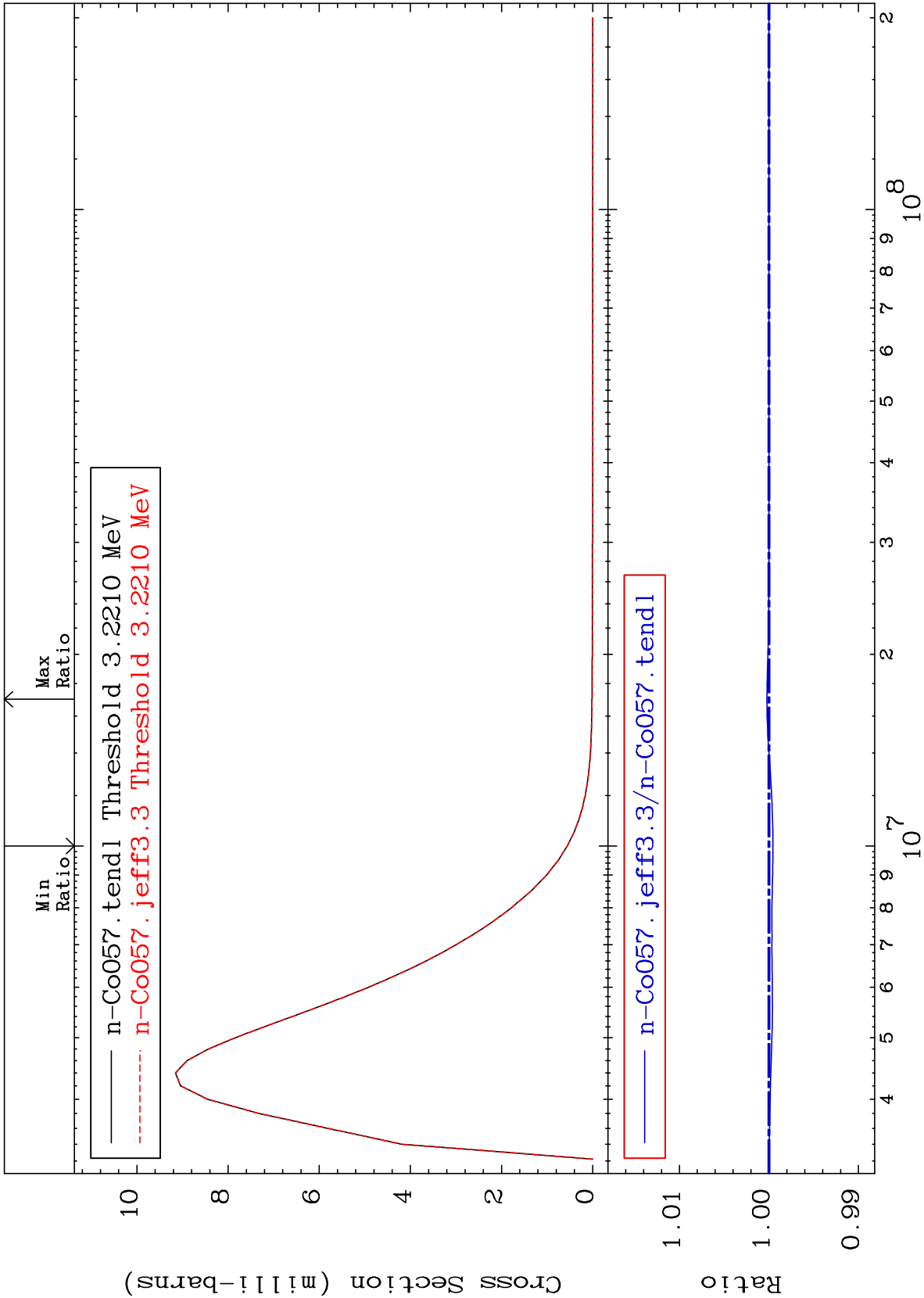
MAT 2719

MT= 77 (n,n') Level

27-Co-57

-0.044 To 0.023 %

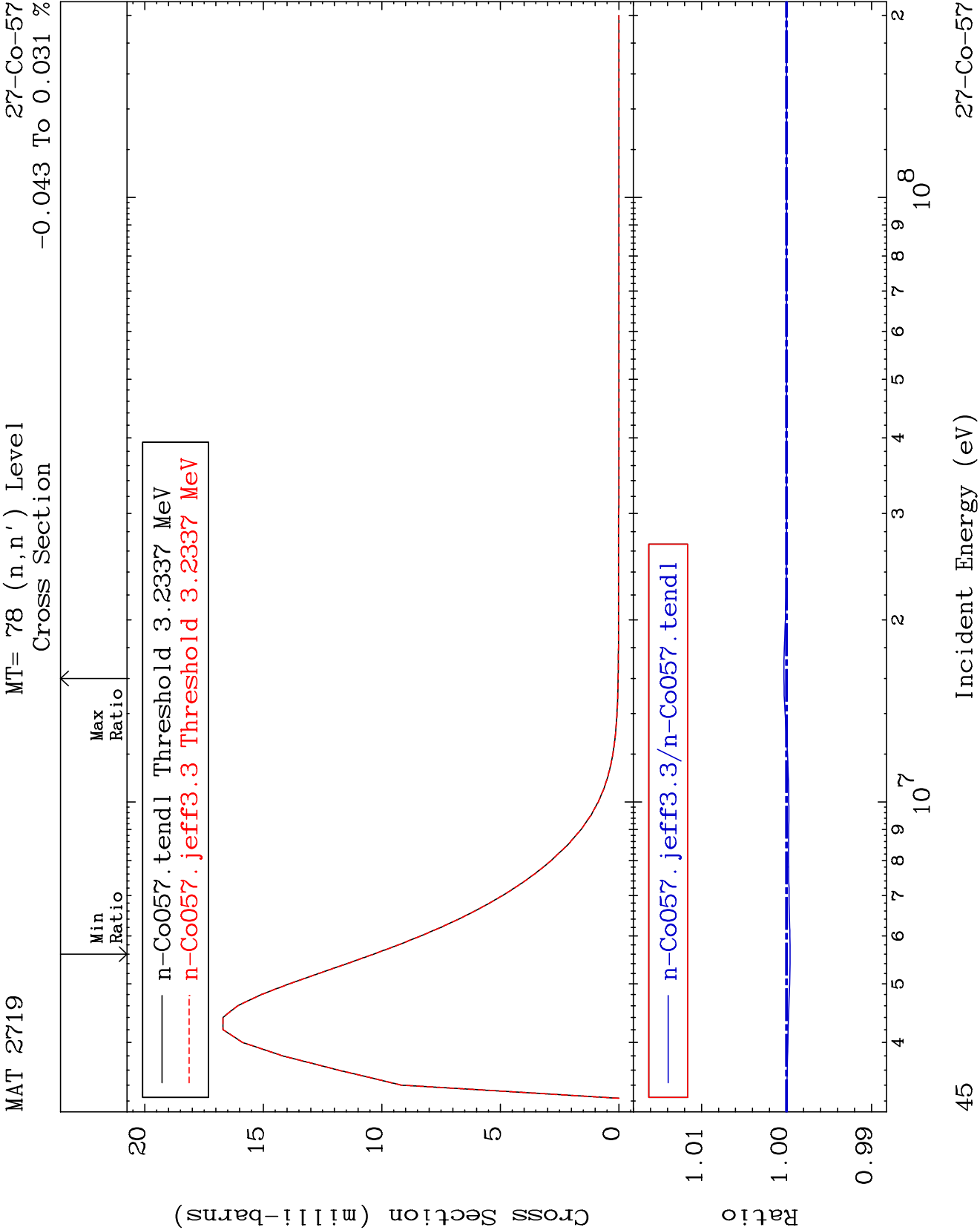
Cross Section



44

Incident Energy (eV)

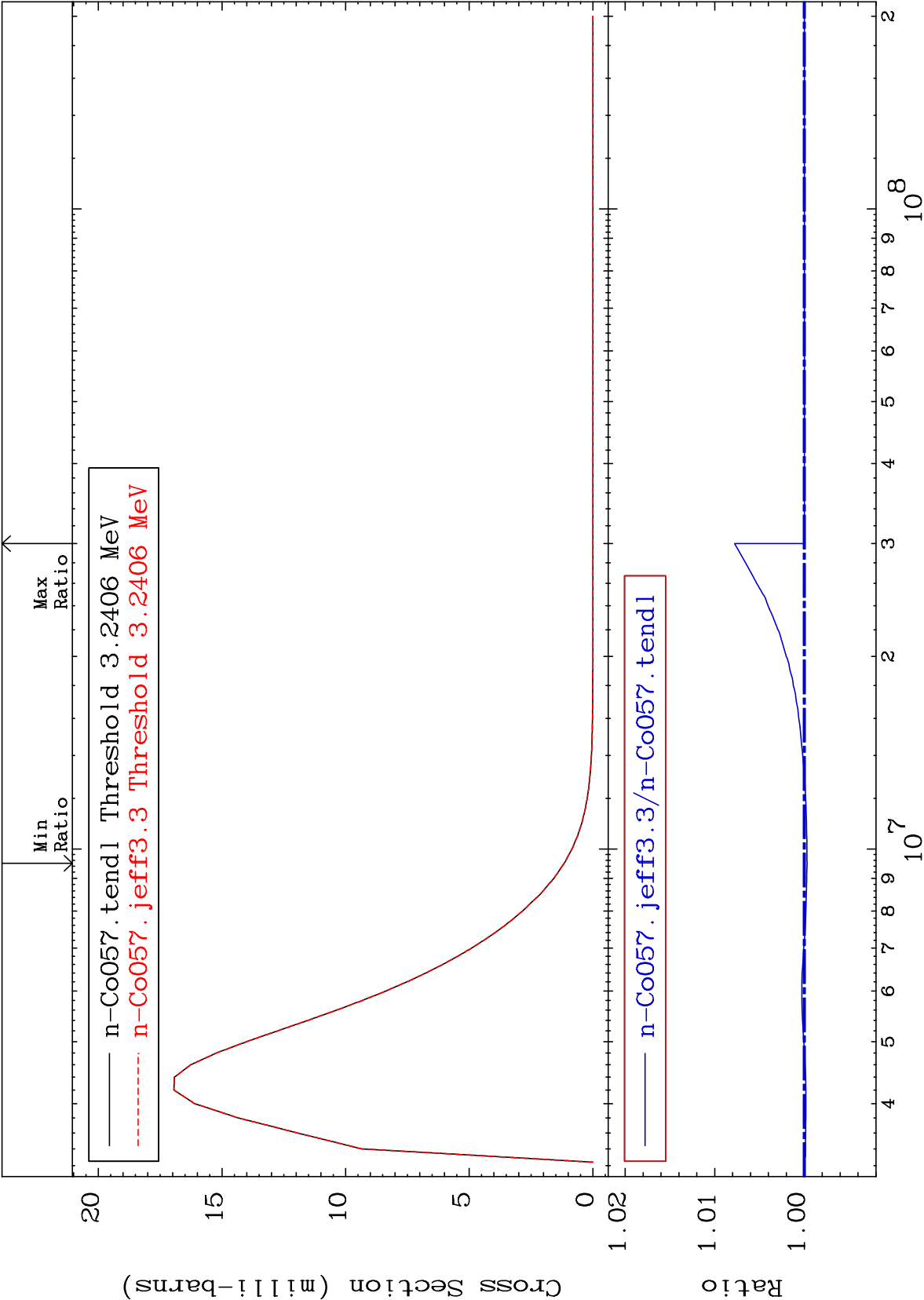
27-Co-57



MAT 2719

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

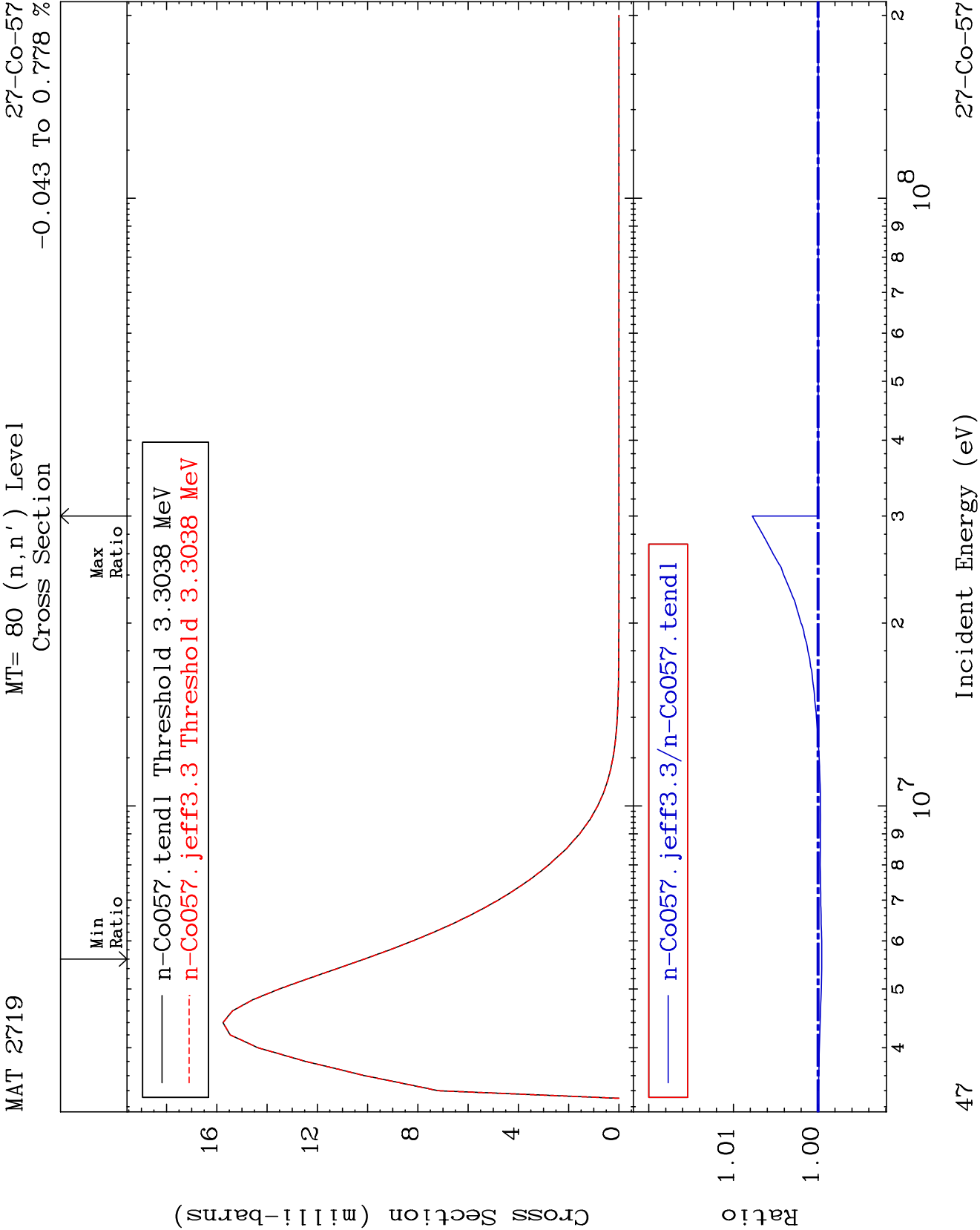
27-Co-57
-0.030 To 0.778 %

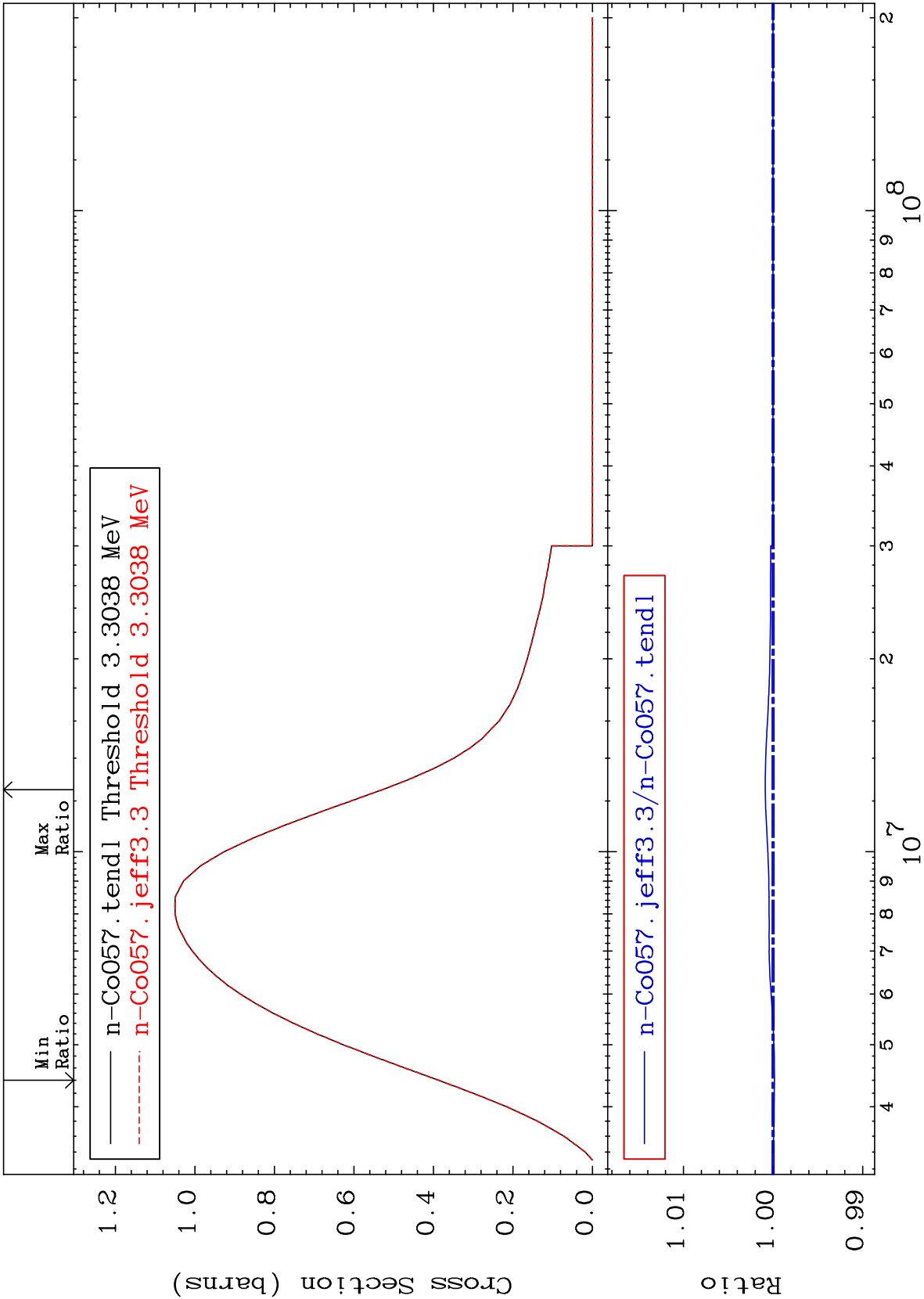


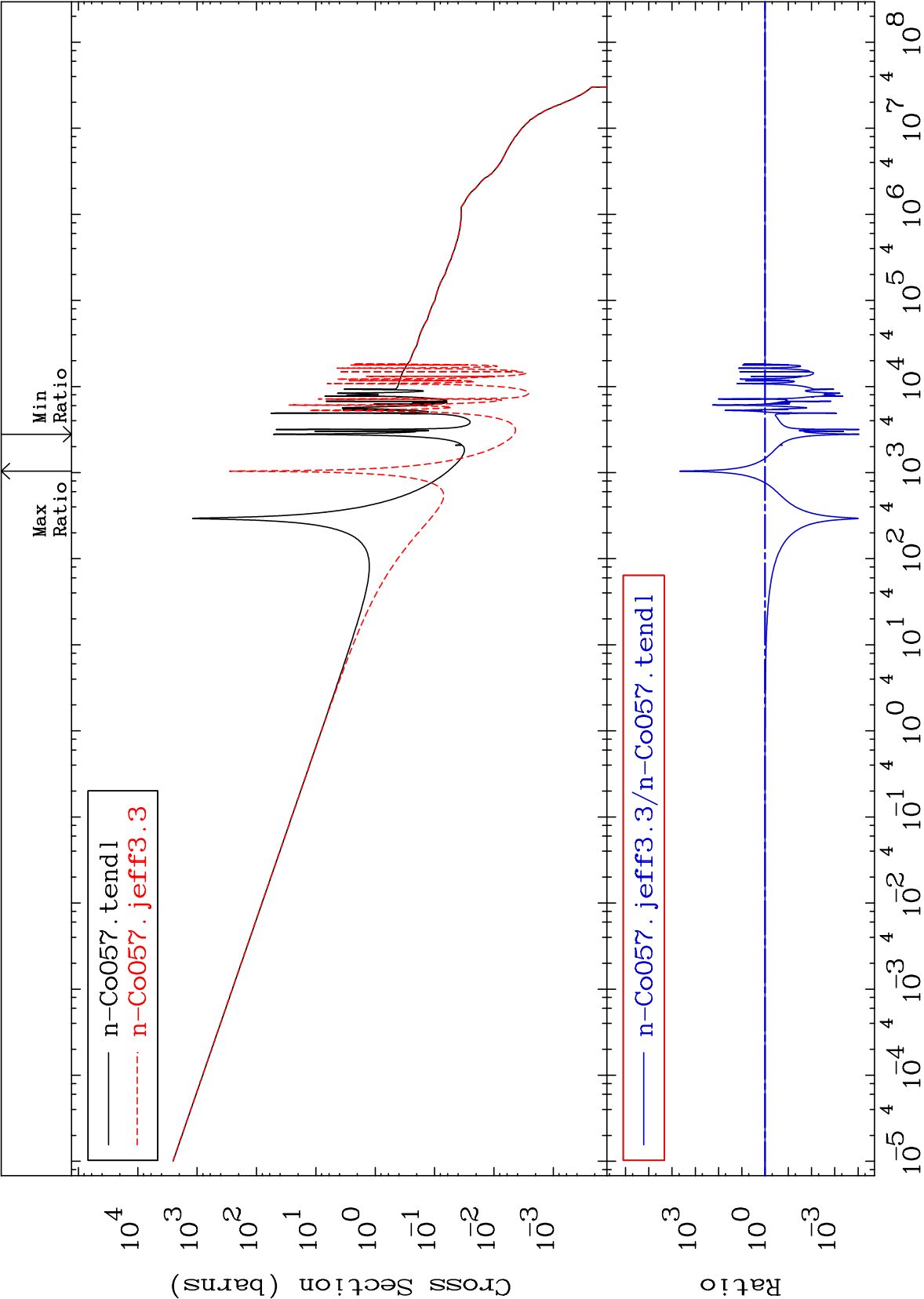
46

Incident Energy (eV)

27-Co-57







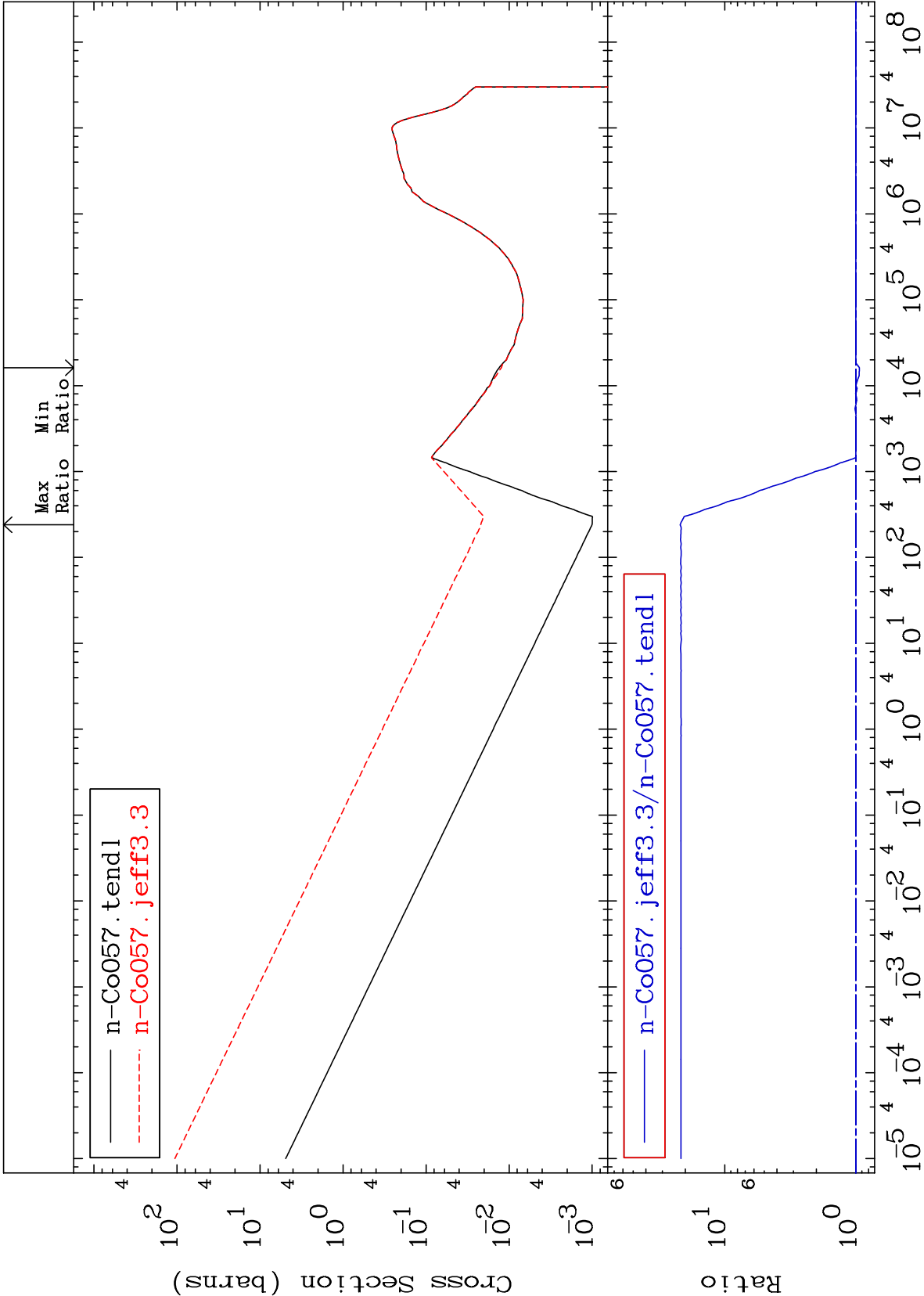
MAT 2719

²⁷Co-57

-5.944 To 2093. %

(n,p)

Cross Section

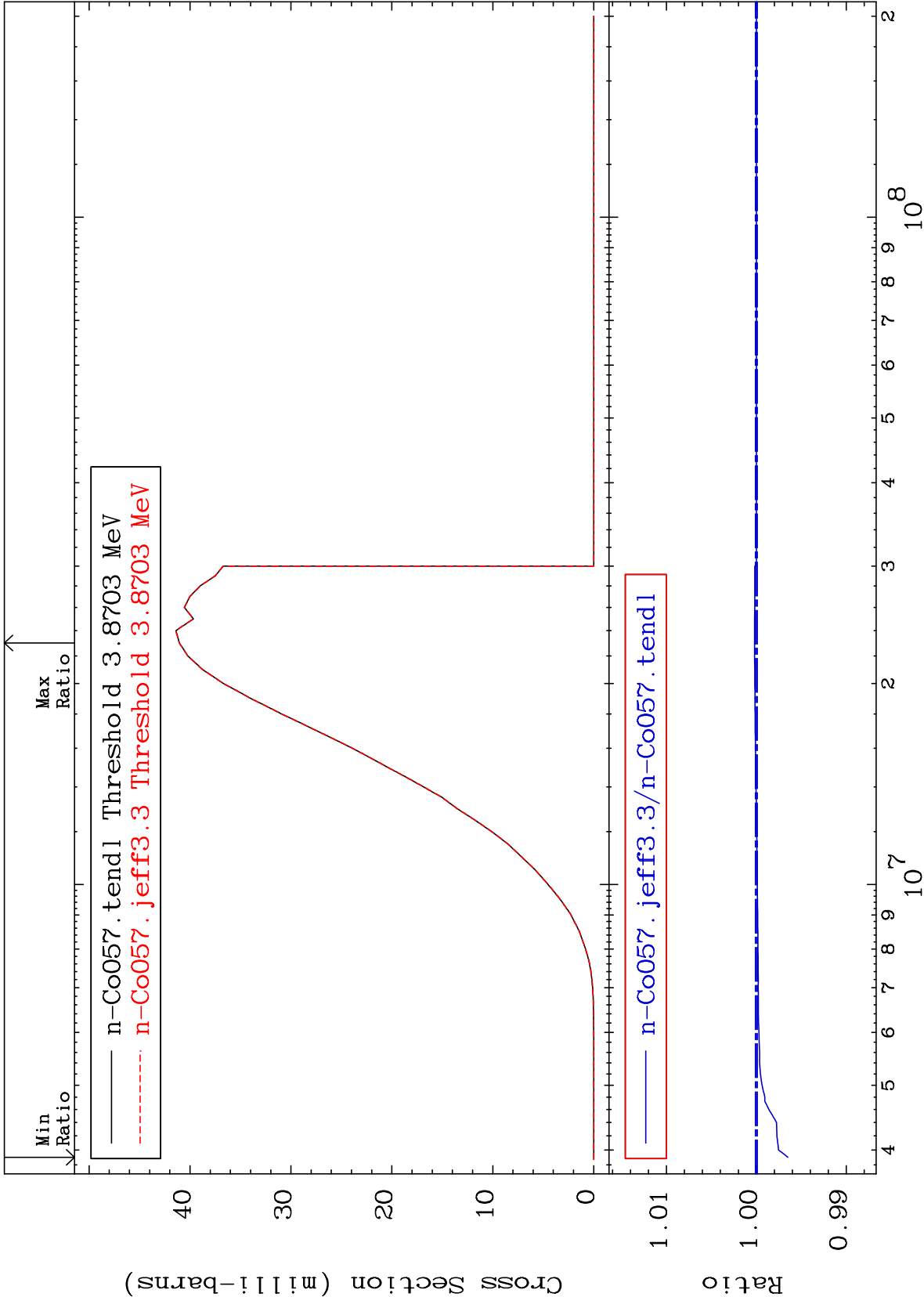


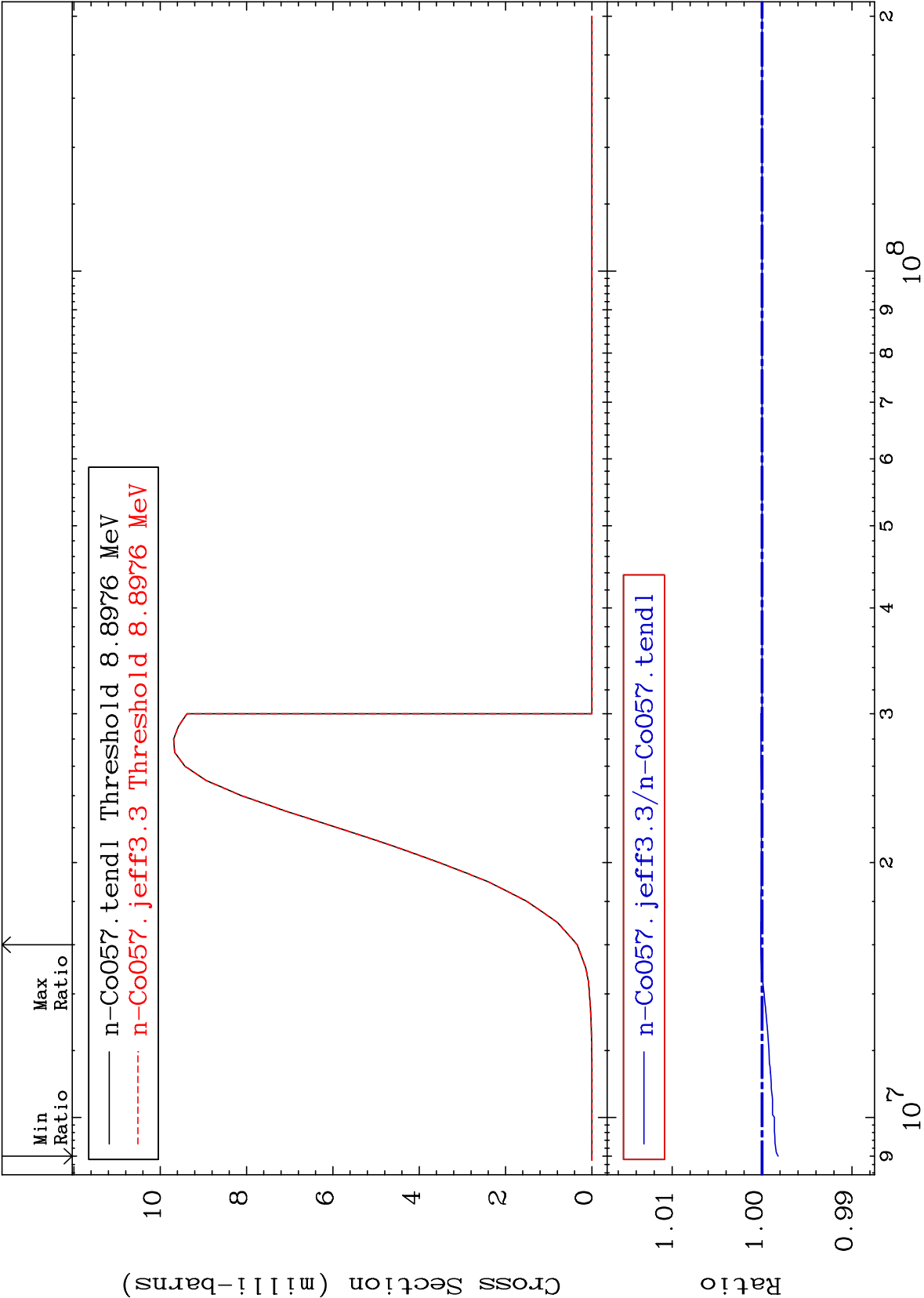
Incident Energy (eV)

²⁷Co-57

50

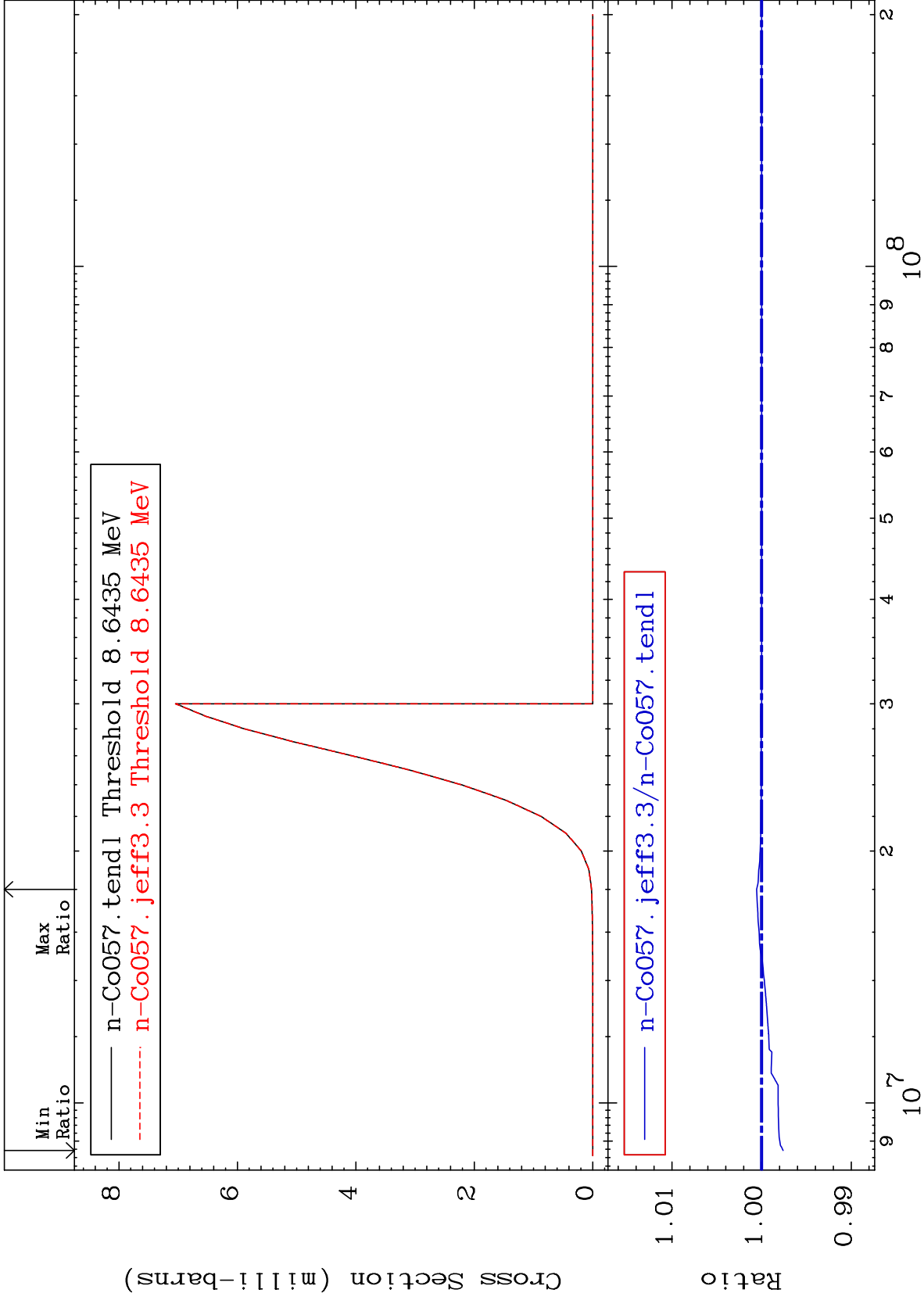
(n,d)
Cross Section
-0.351 To 0.020 %

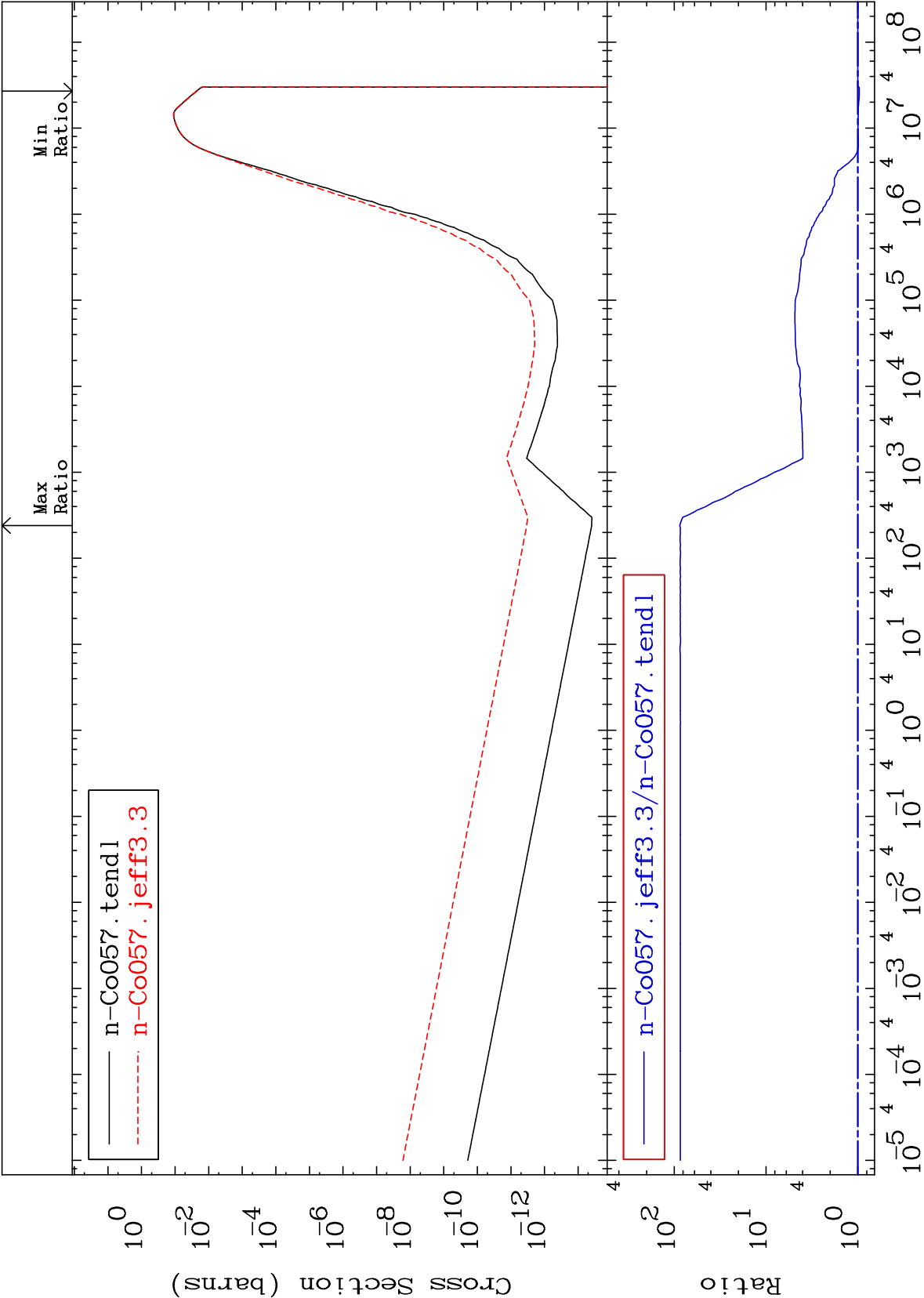




Cross Section

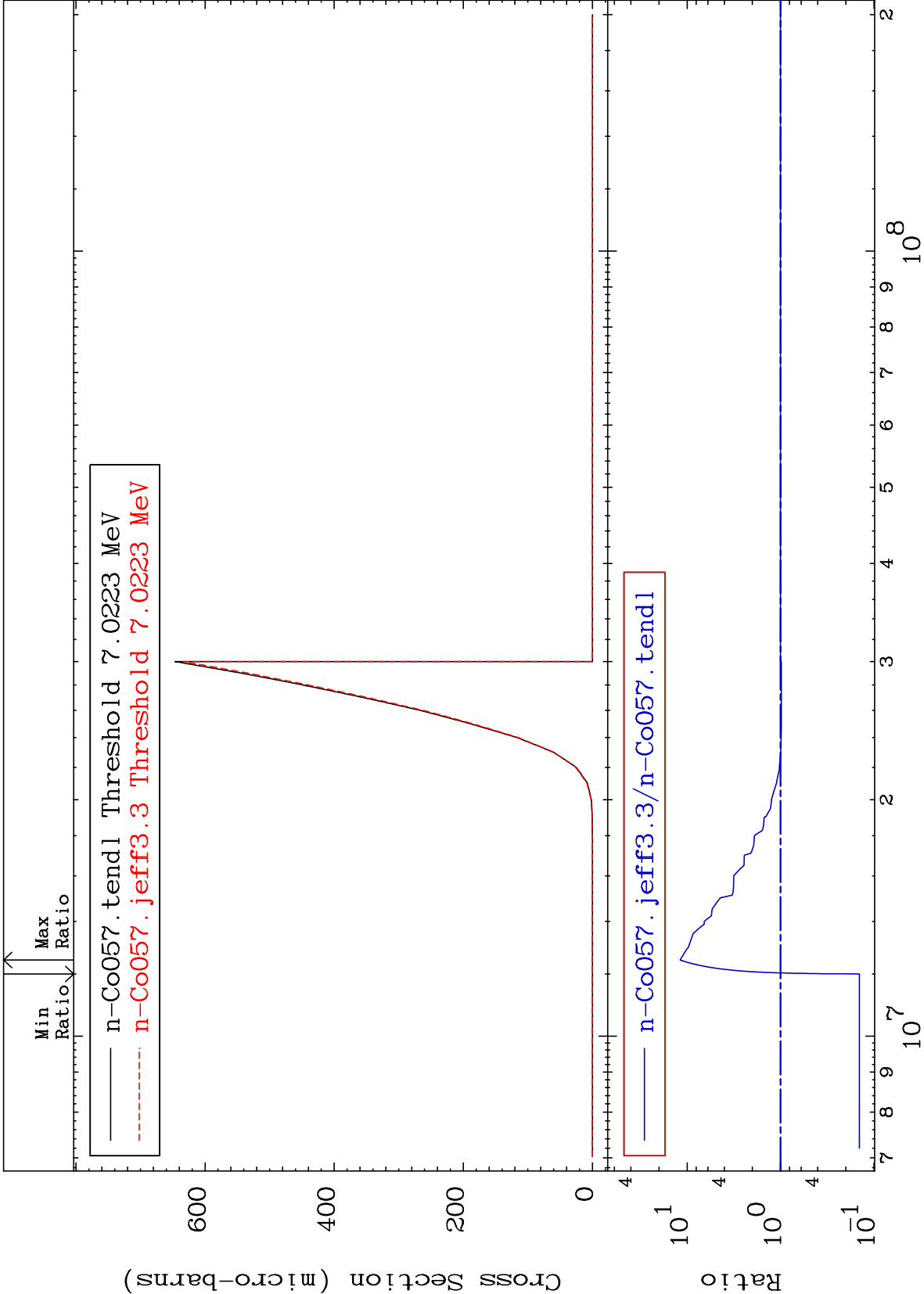
-0.241 To 0.055 %





Cross Section

-85.69 To 1087. %



Incident Energy (eV)

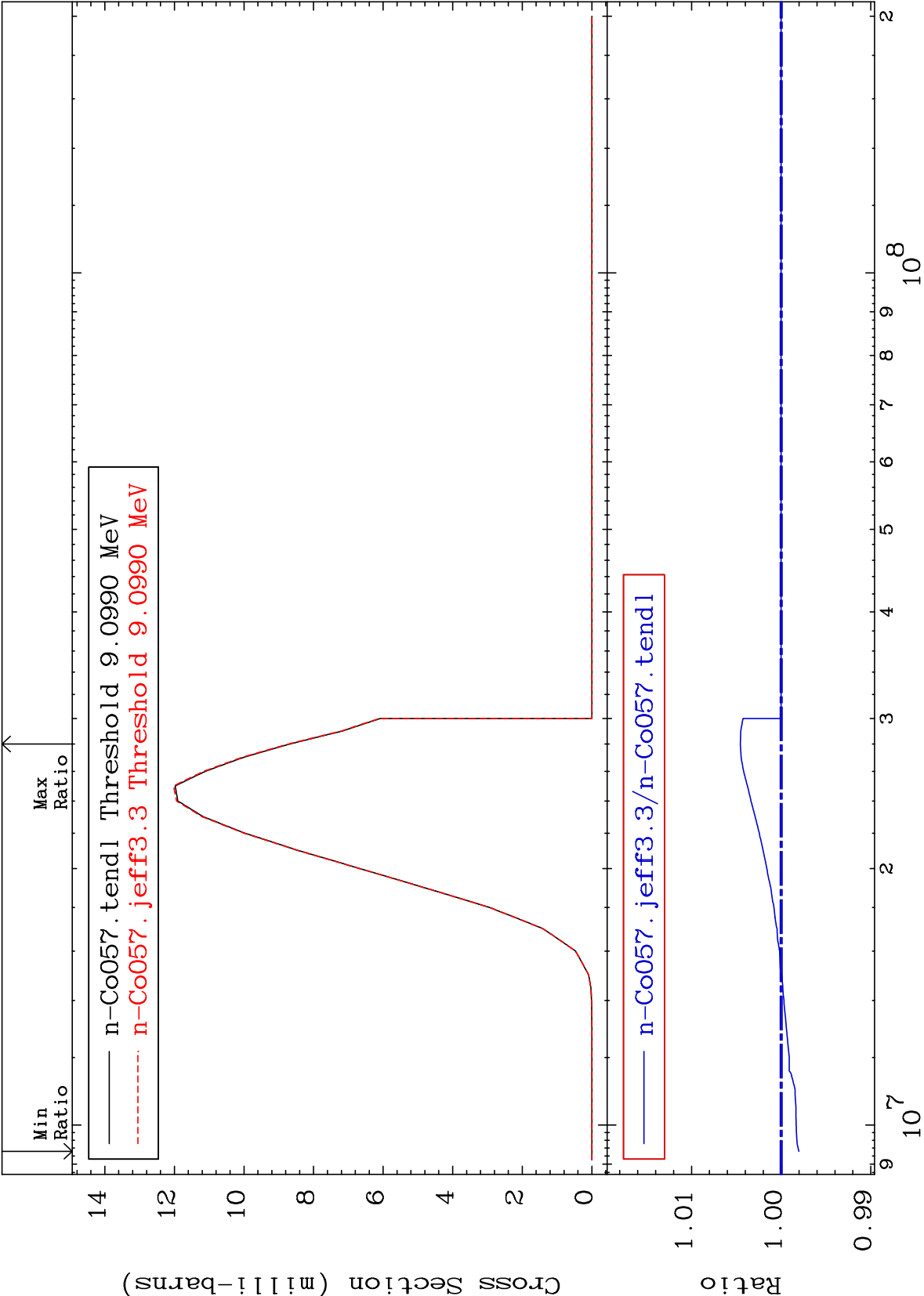
MAT 2719

(n,2p)

27-Co-57

Cross Section

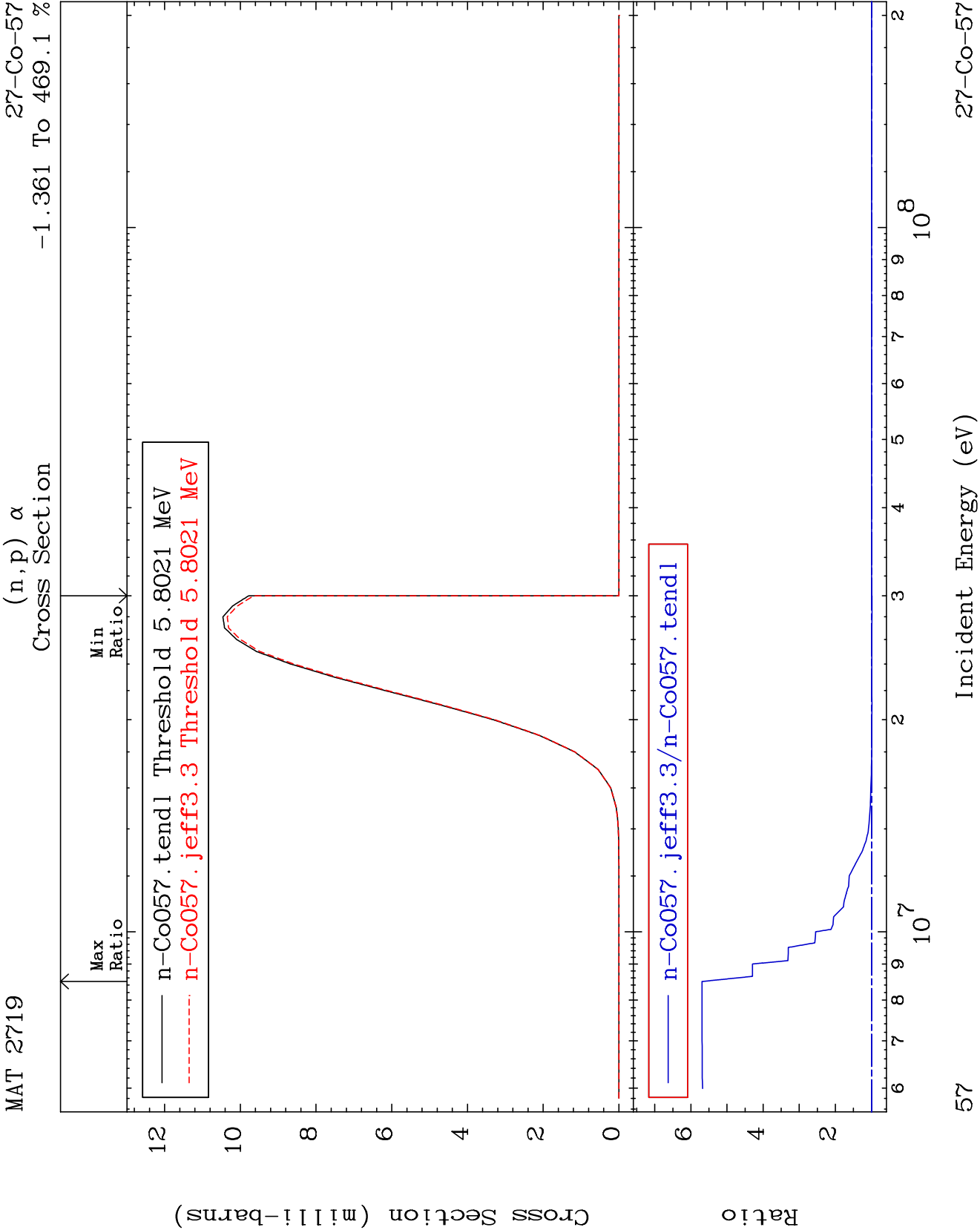
-0.197 To 0.457 %

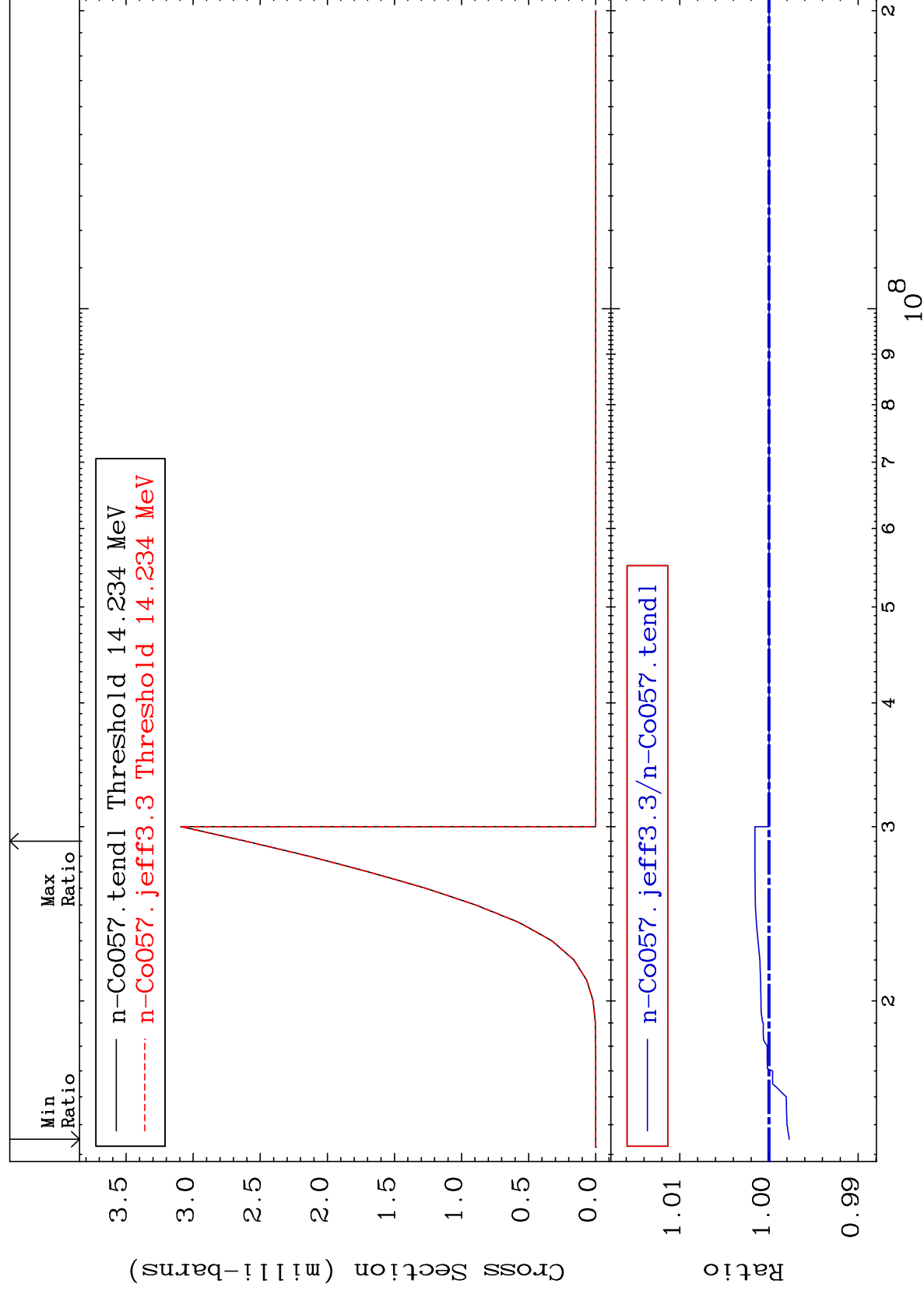


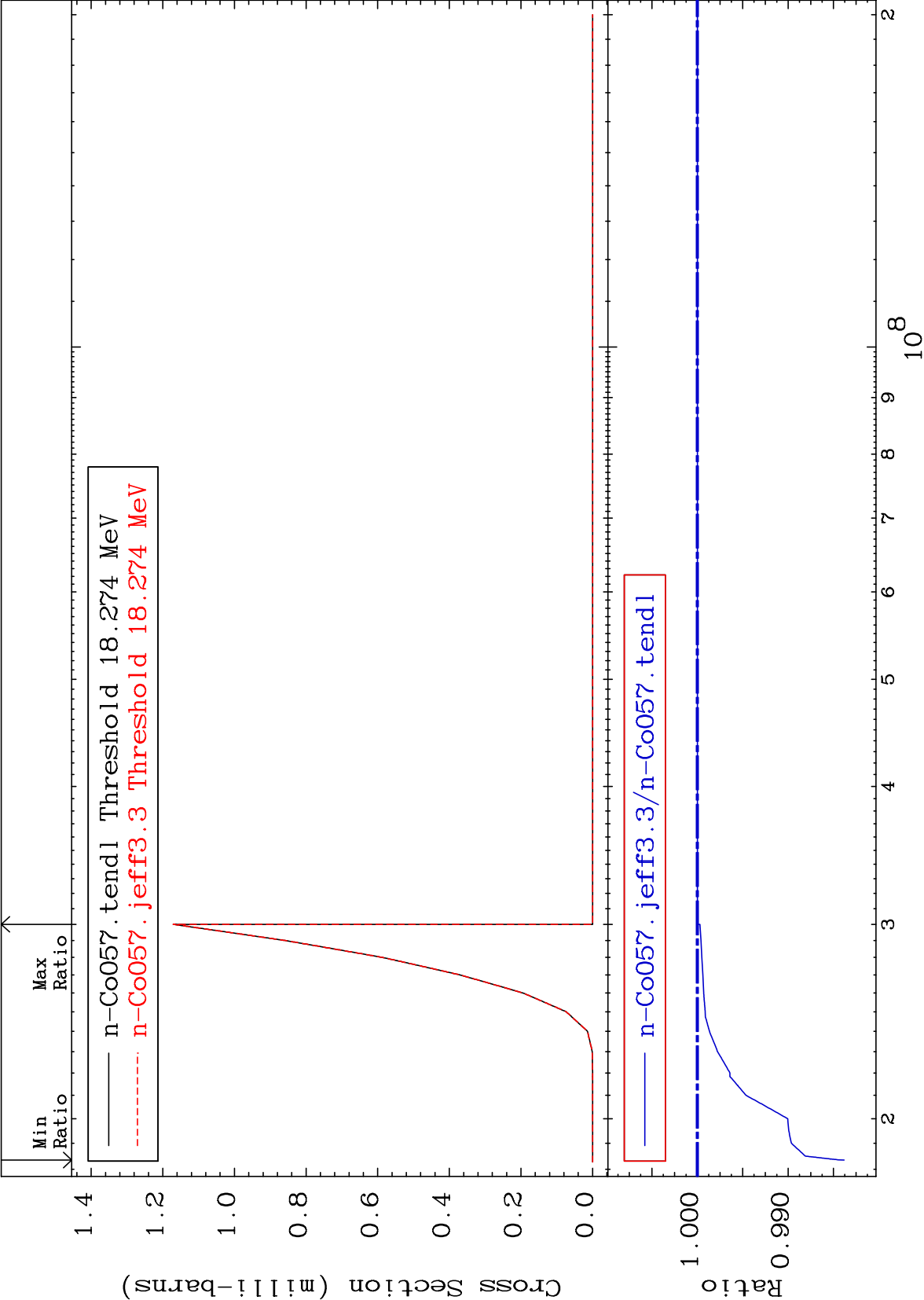
56

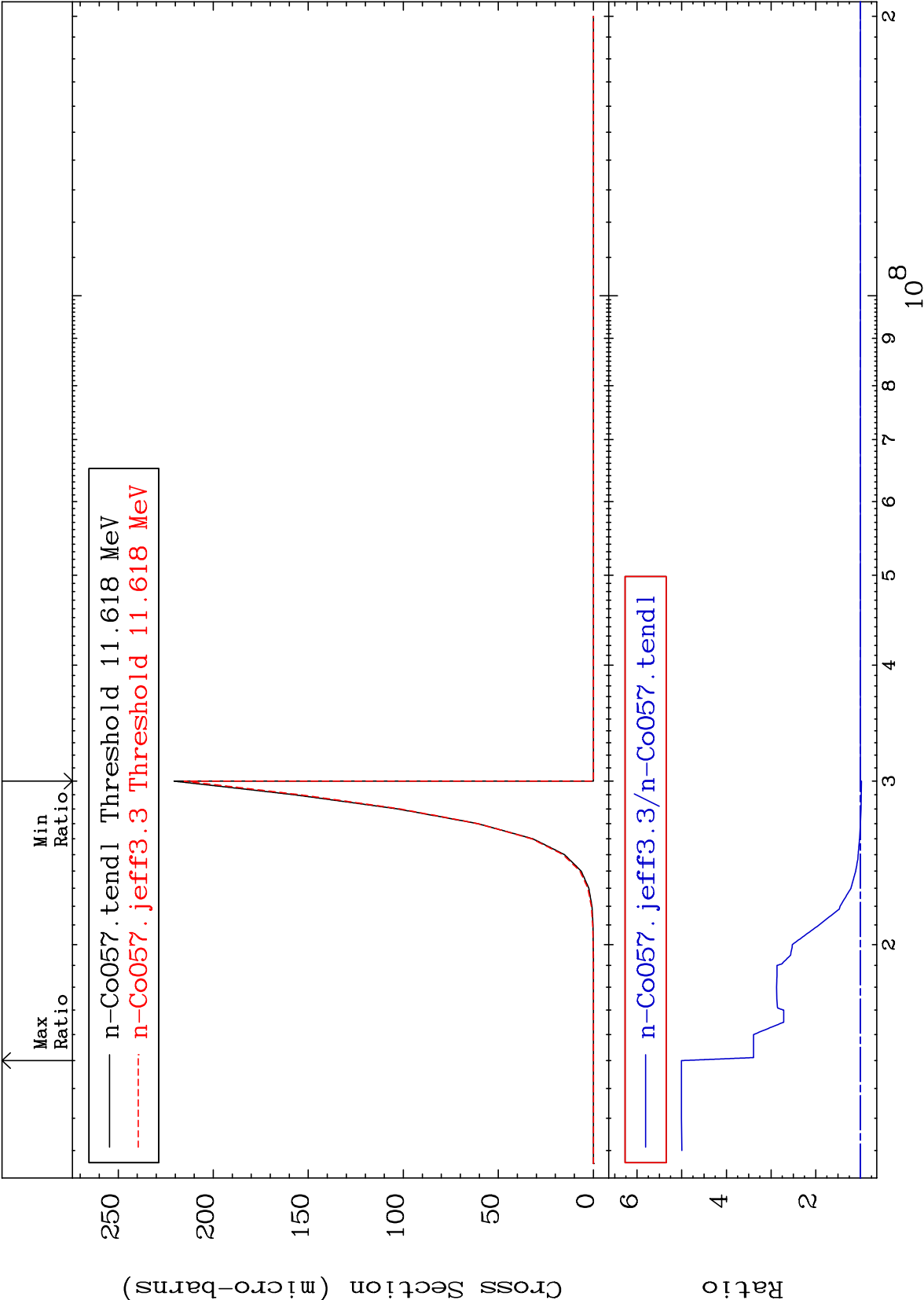
Incident Energy (eV)

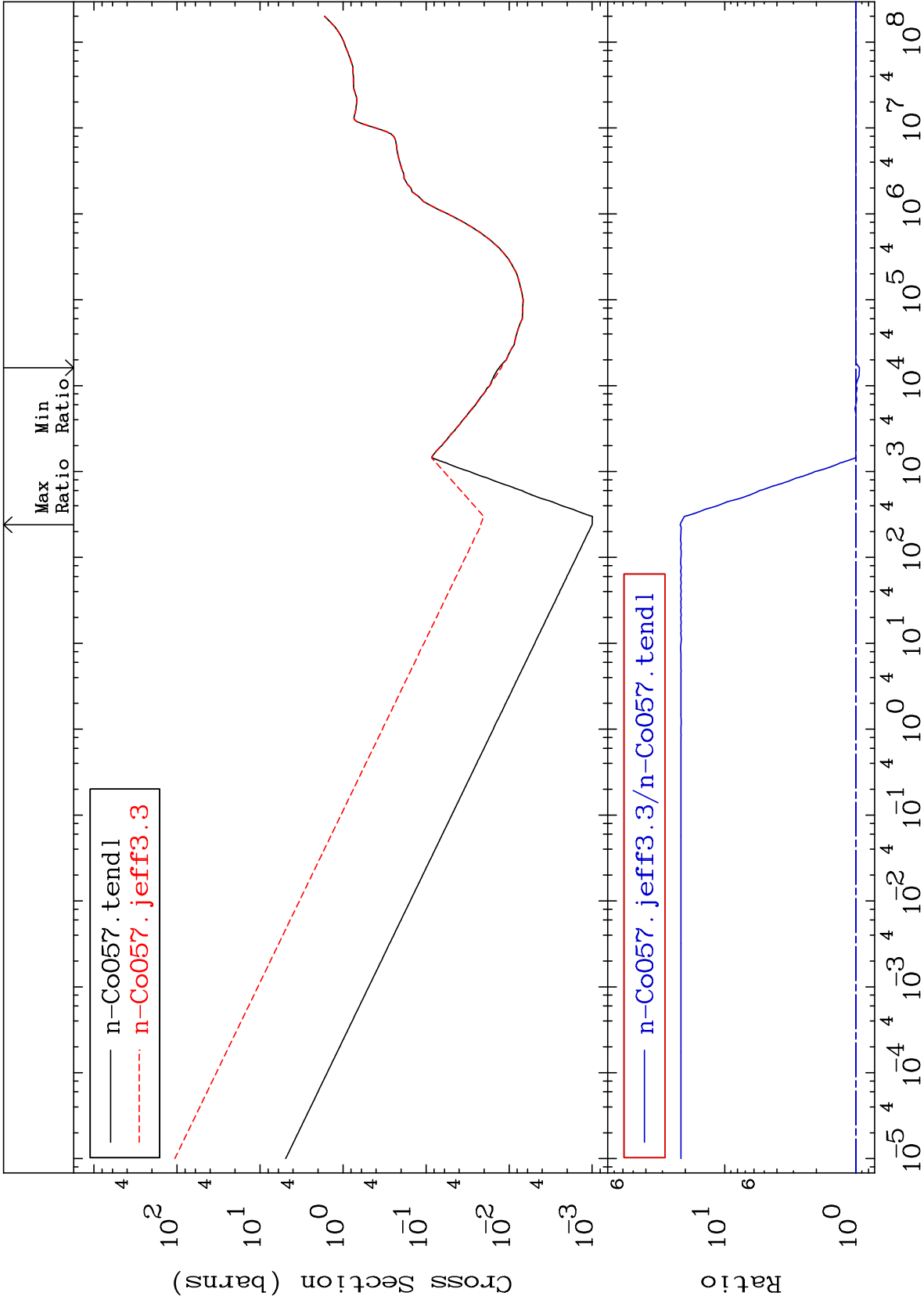
27-Co-57

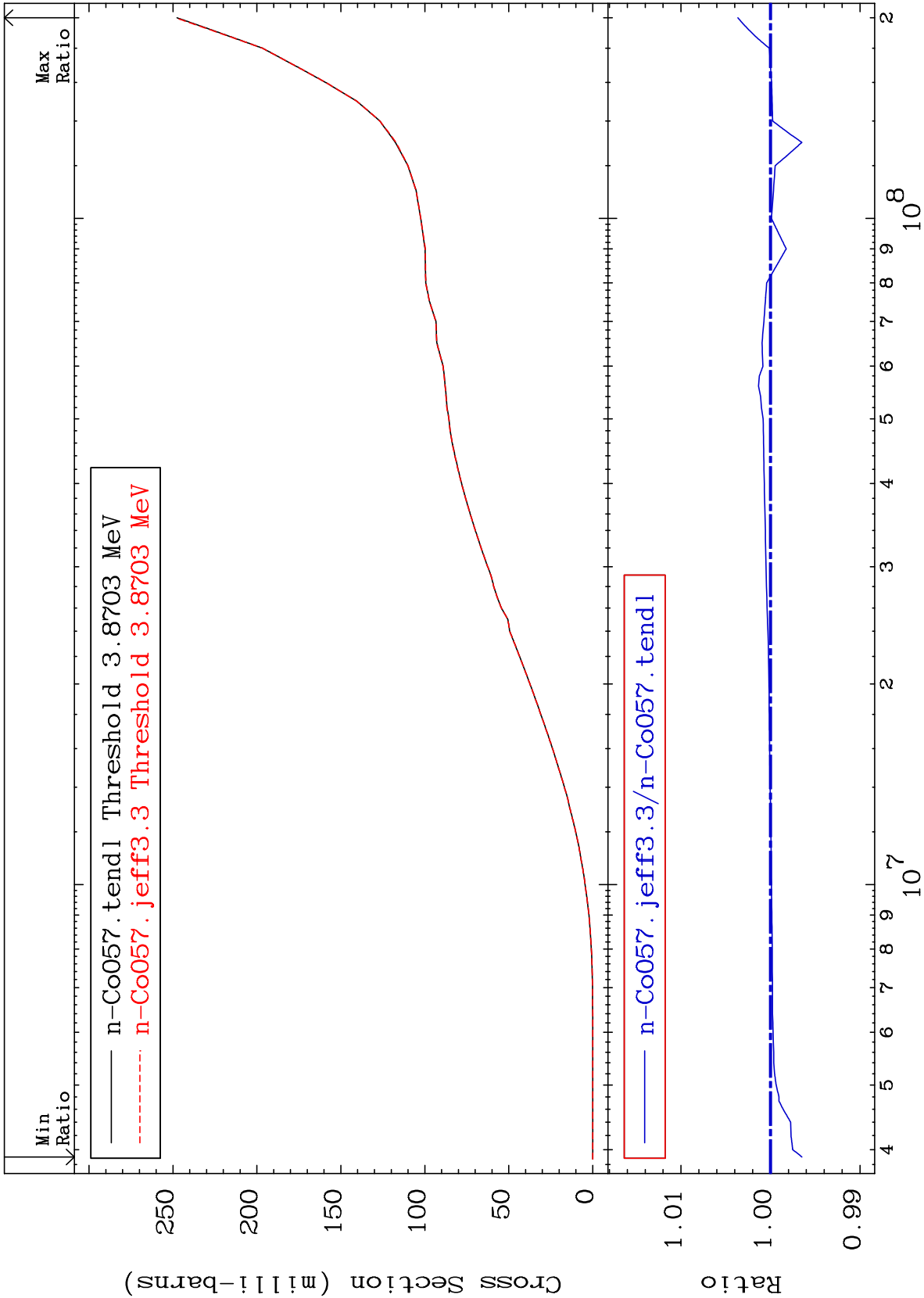








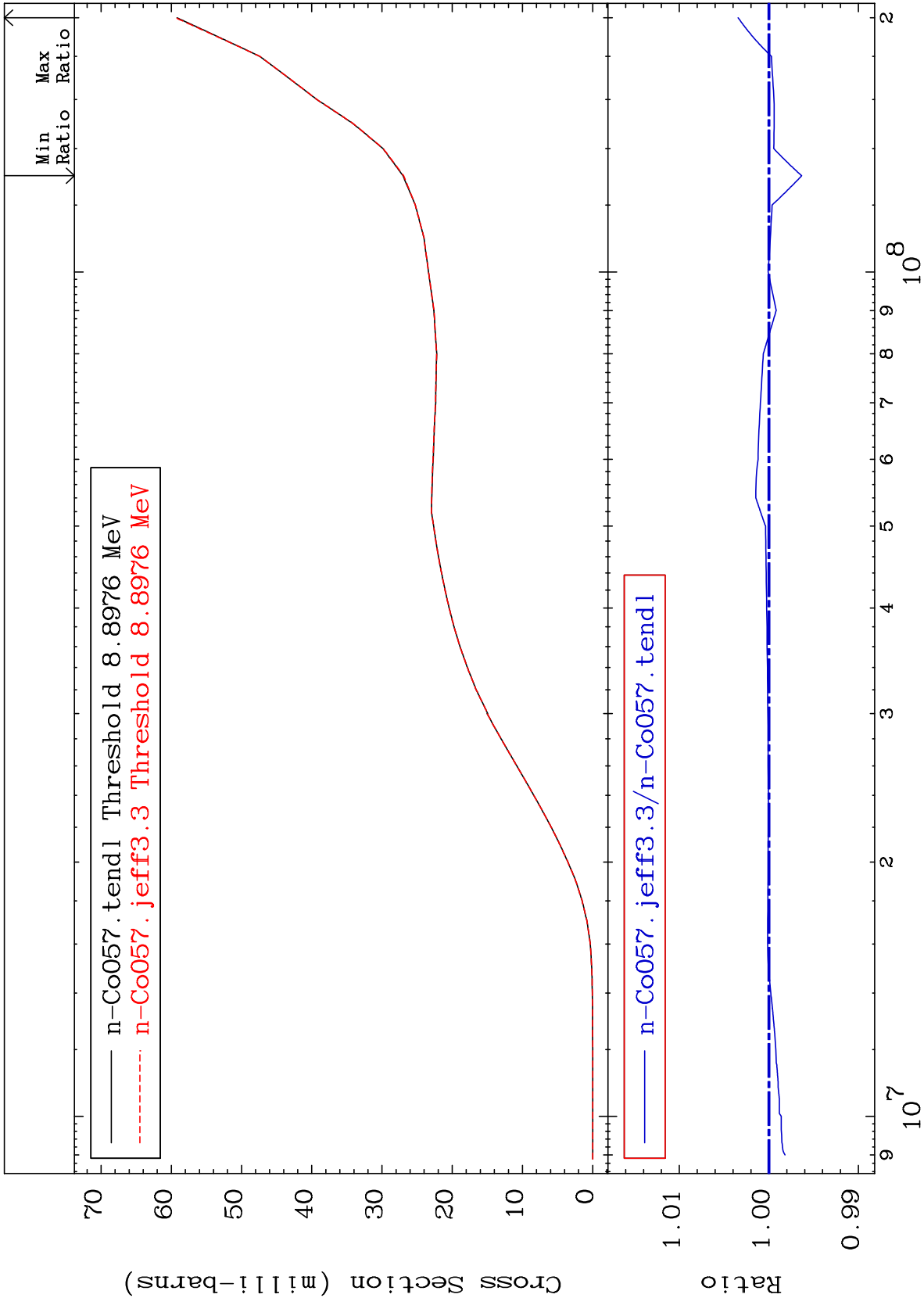




MAT 2719

Tritium Production
Cross Section

27-Co-57
-0.366 To 0.344 %



63

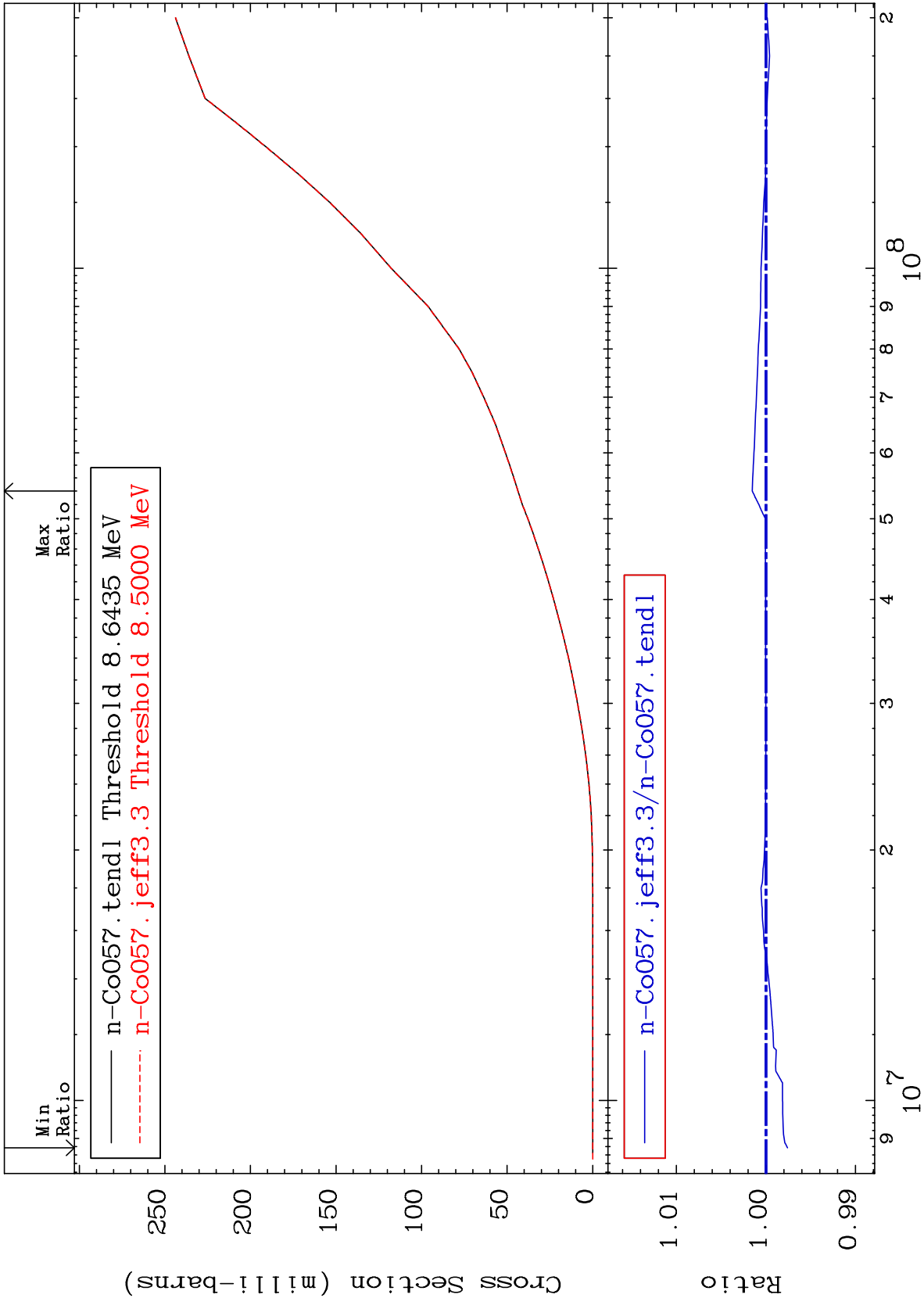
Incident Energy (eV)

27-Co-57

MAT 2719

He-3 Production
Cross Section

27-Co-57
-0.241 To 0.153 %



64

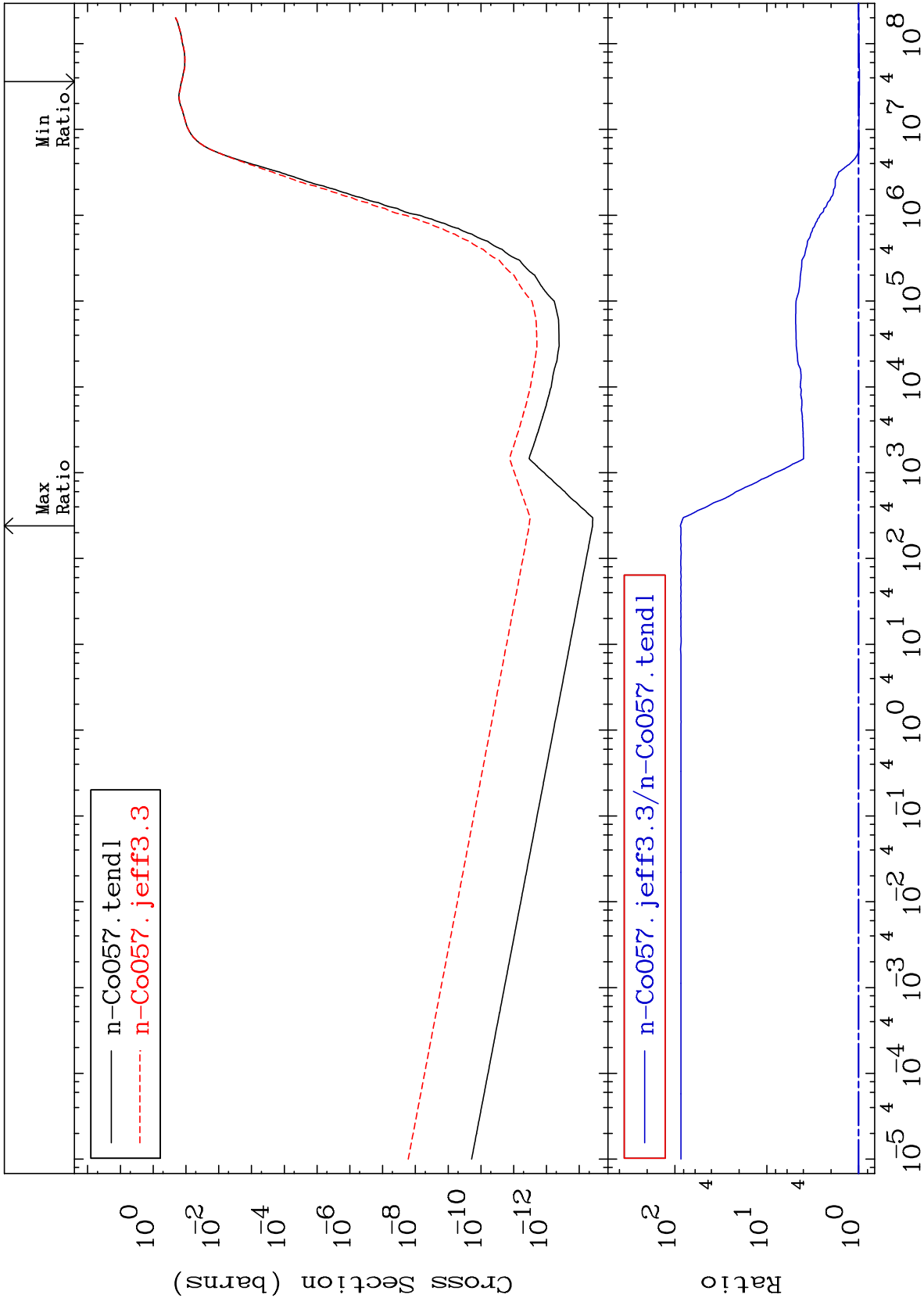
Incident Energy (eV)

27-Co-57

MAT 2719

He-4 Production
Cross Section

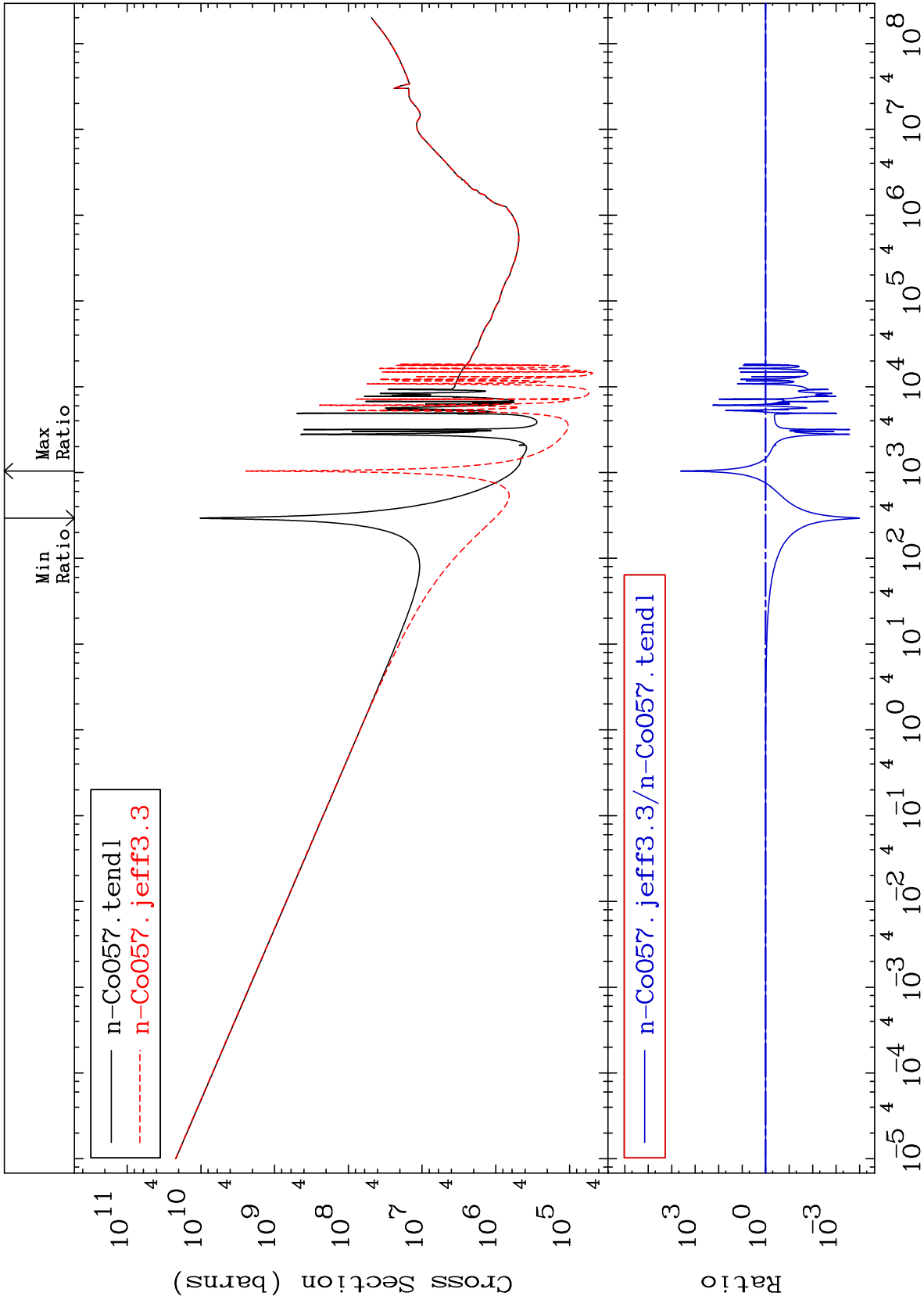
27-Co-57
-1.891 To 8604. %

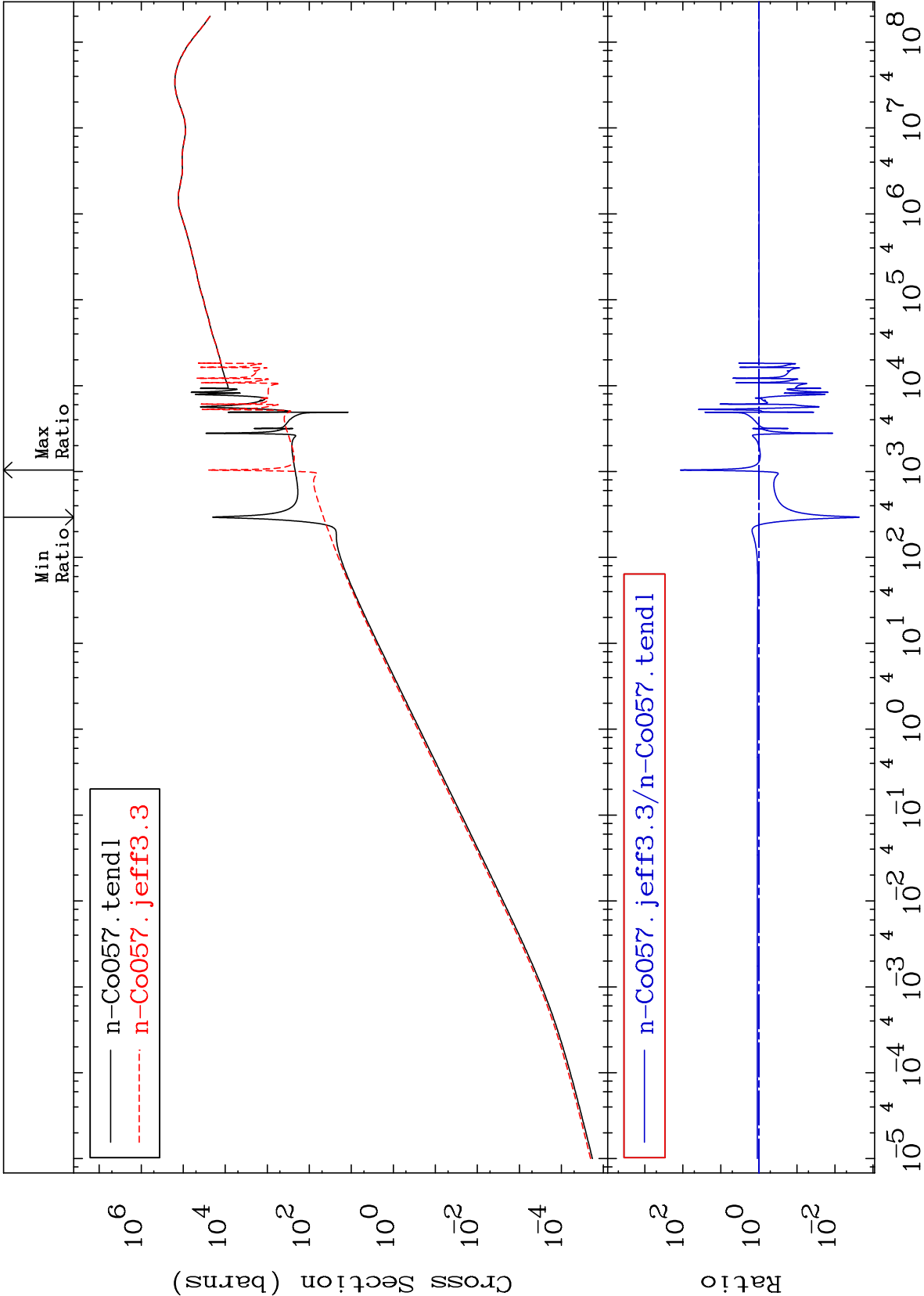


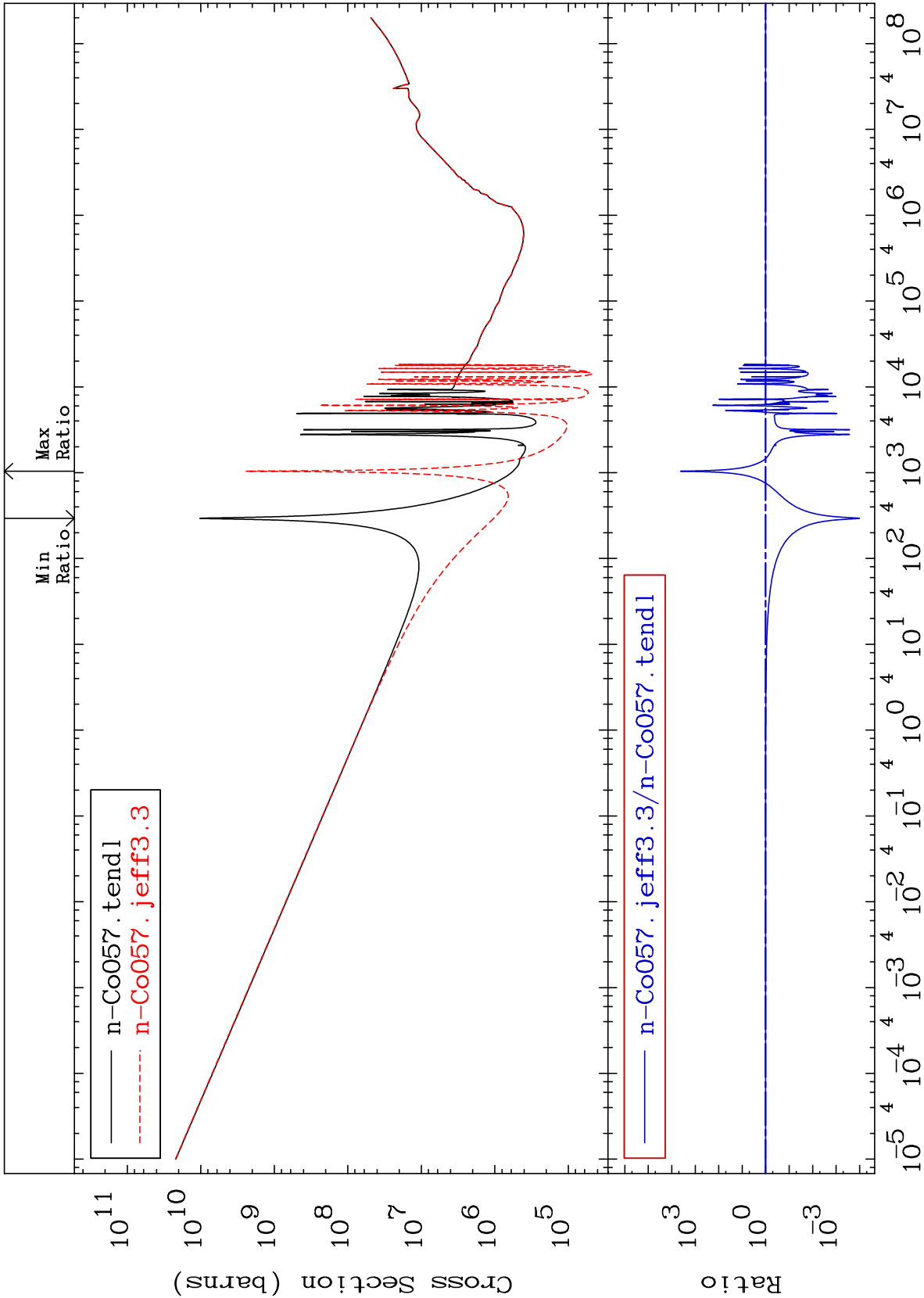
65

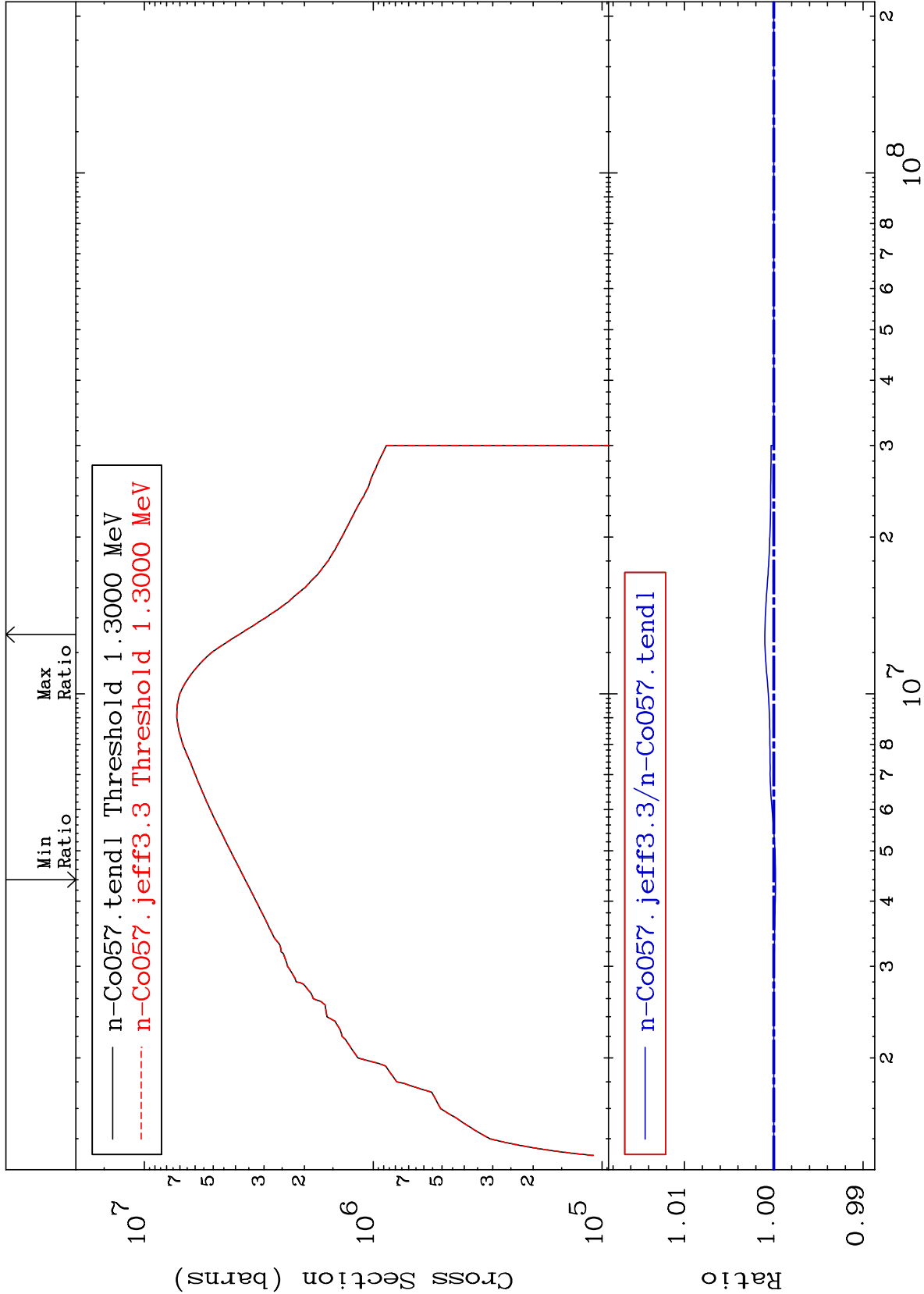
Incident Energy (eV)

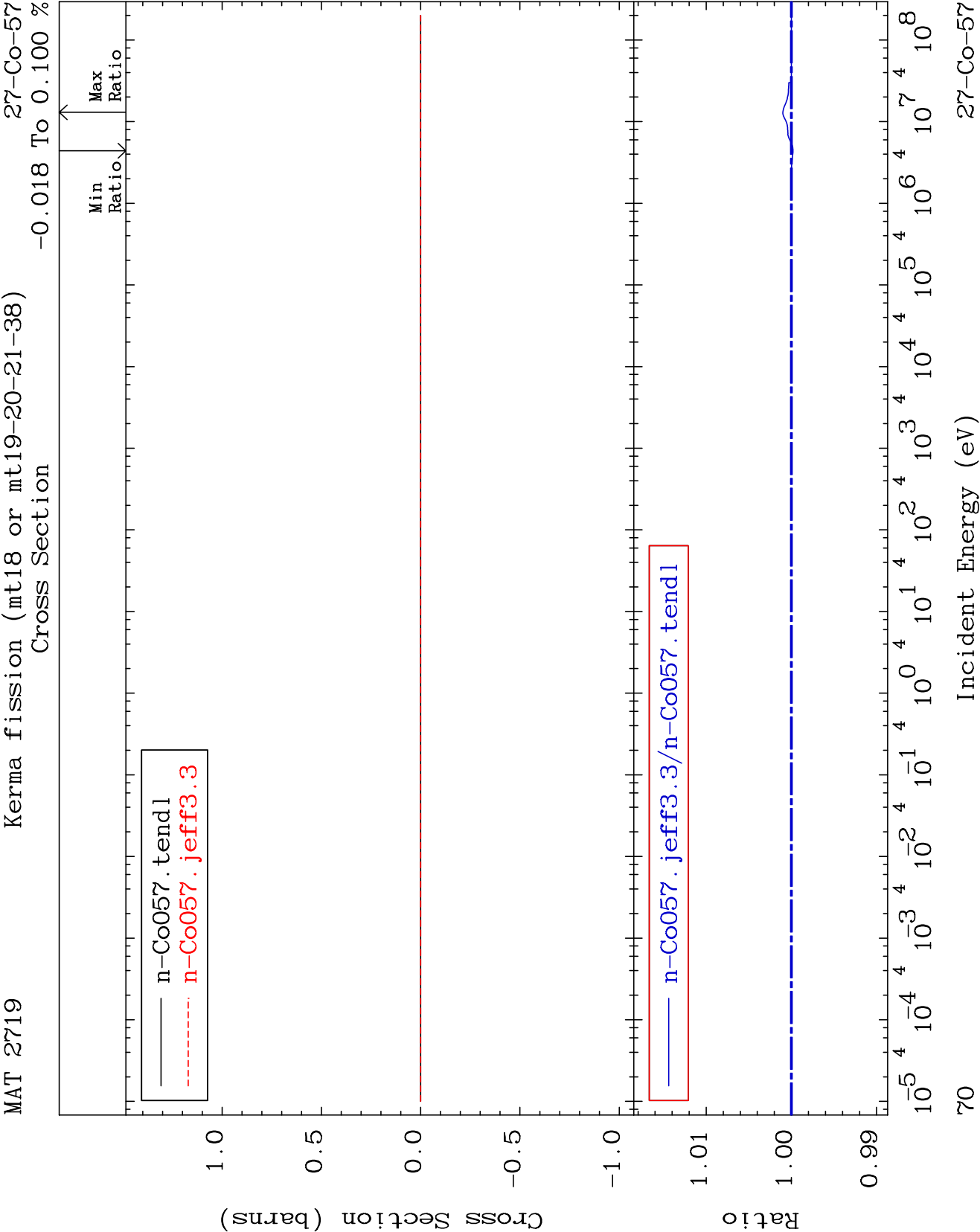
27-Co-57

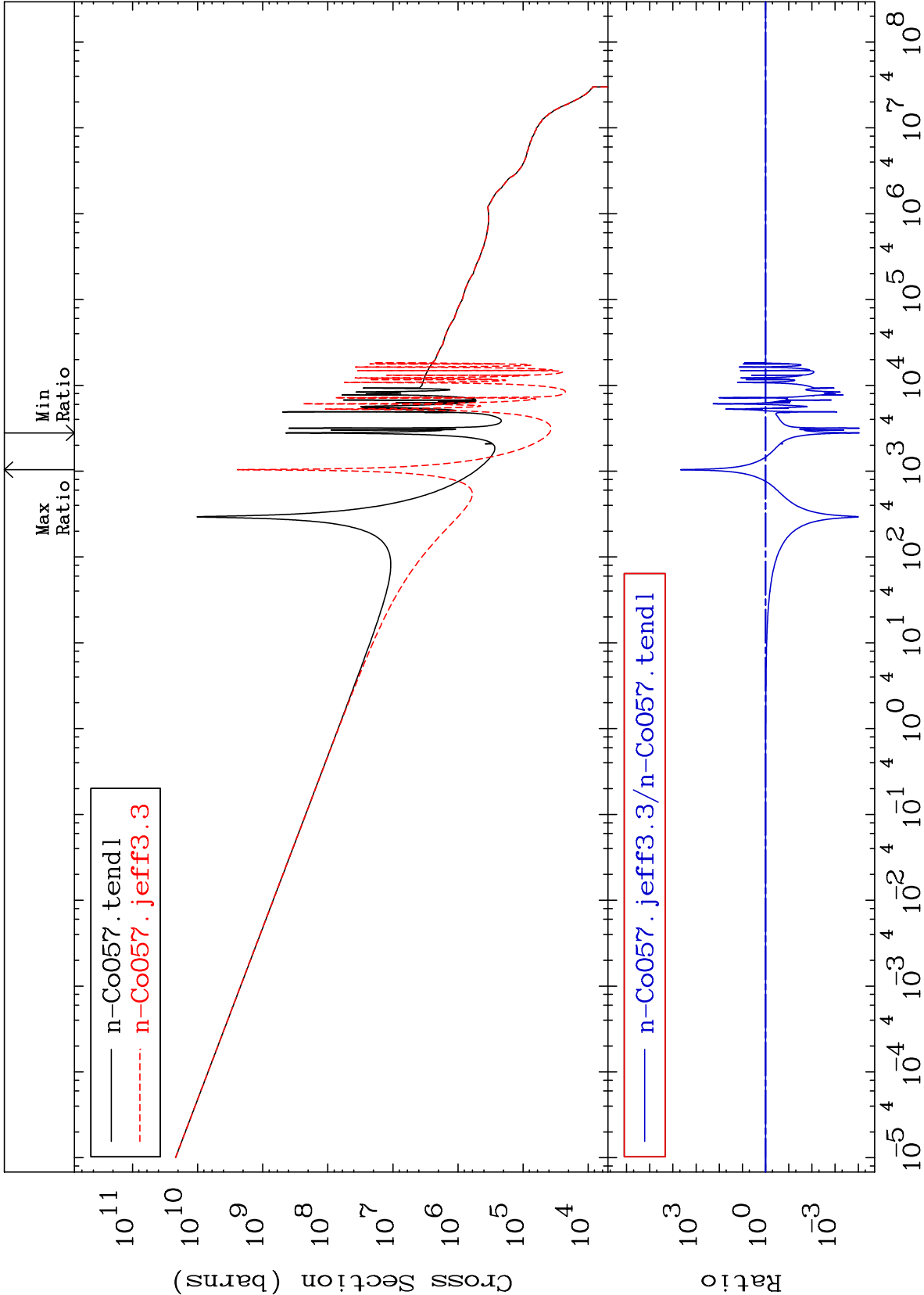


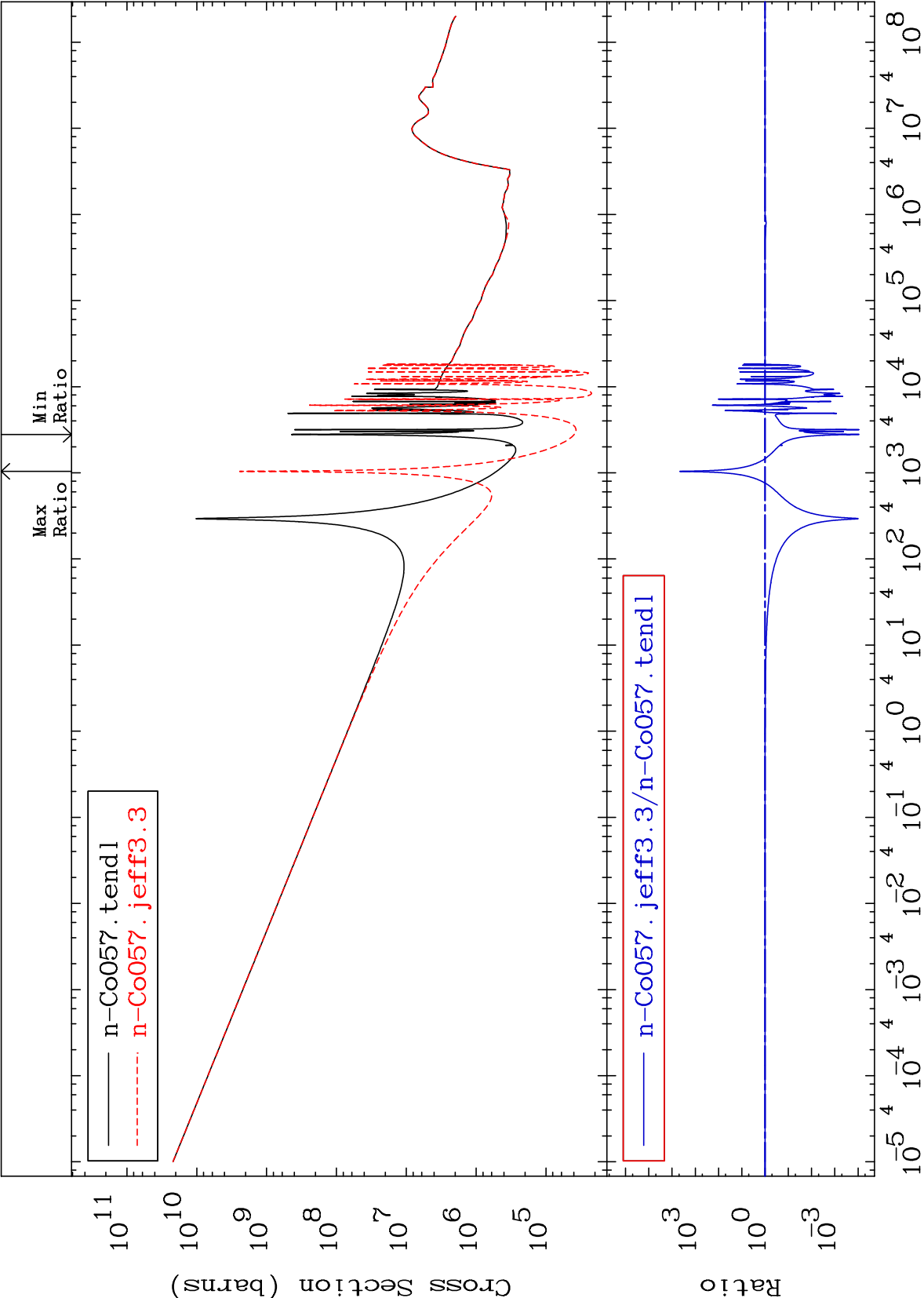


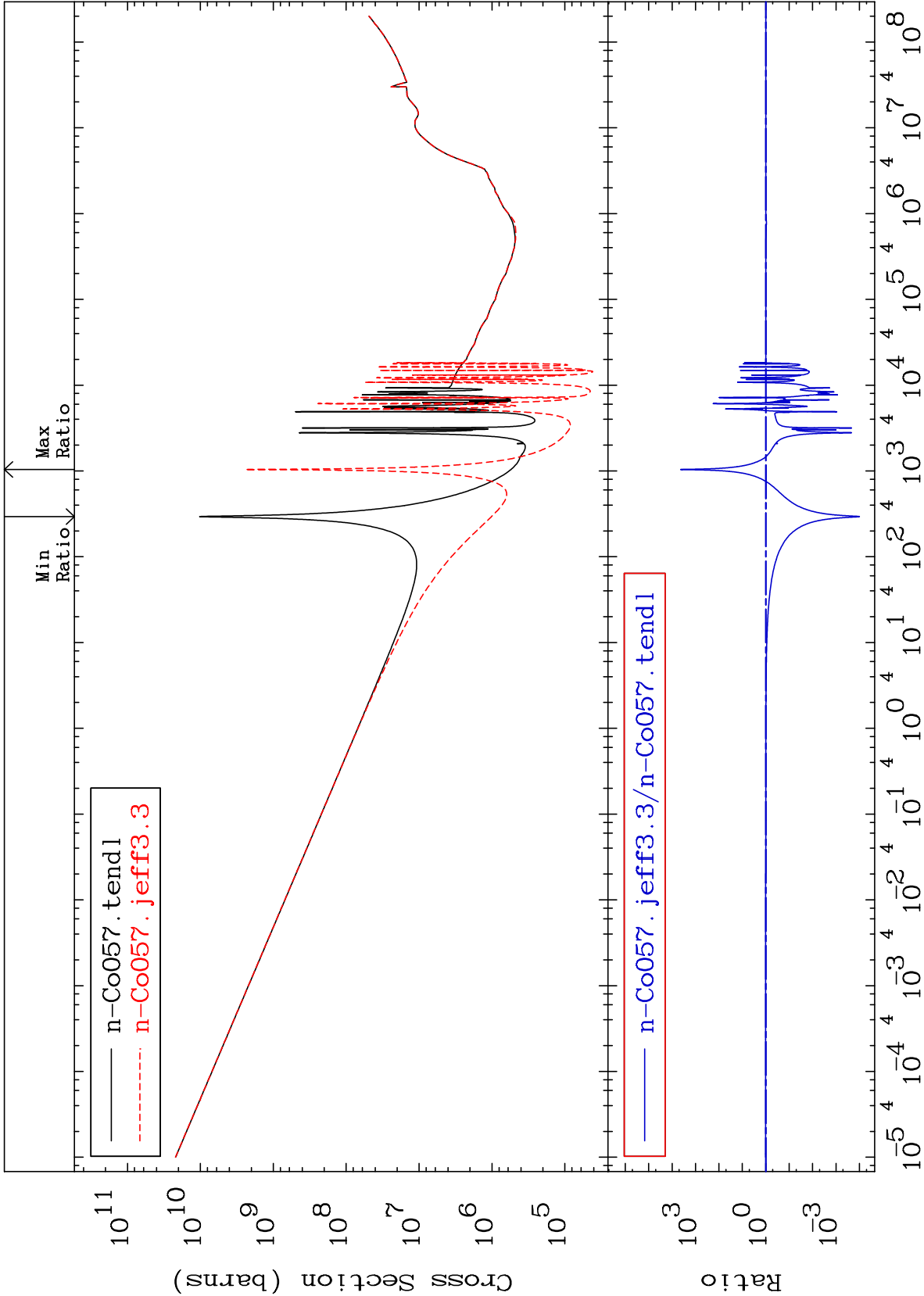


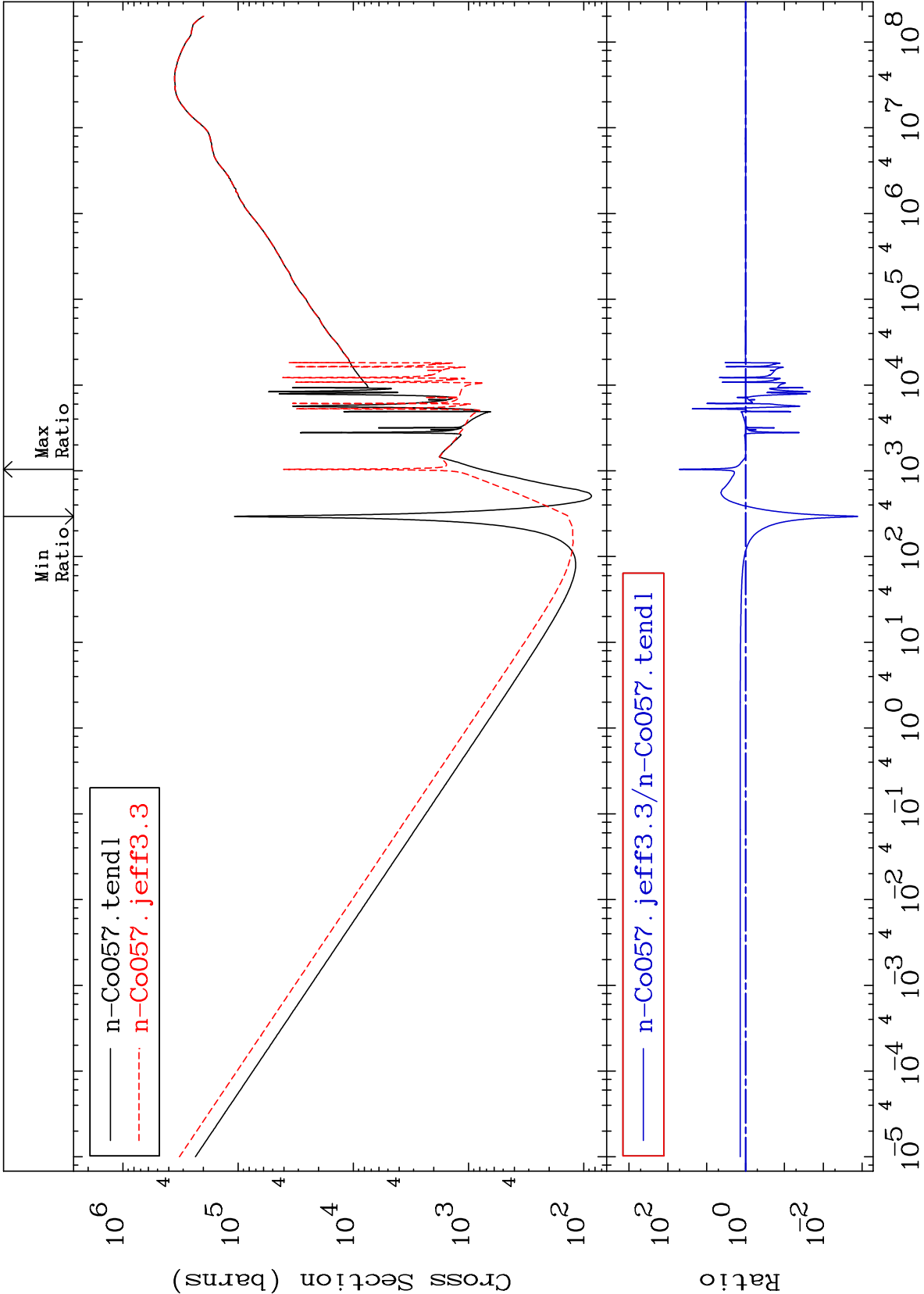


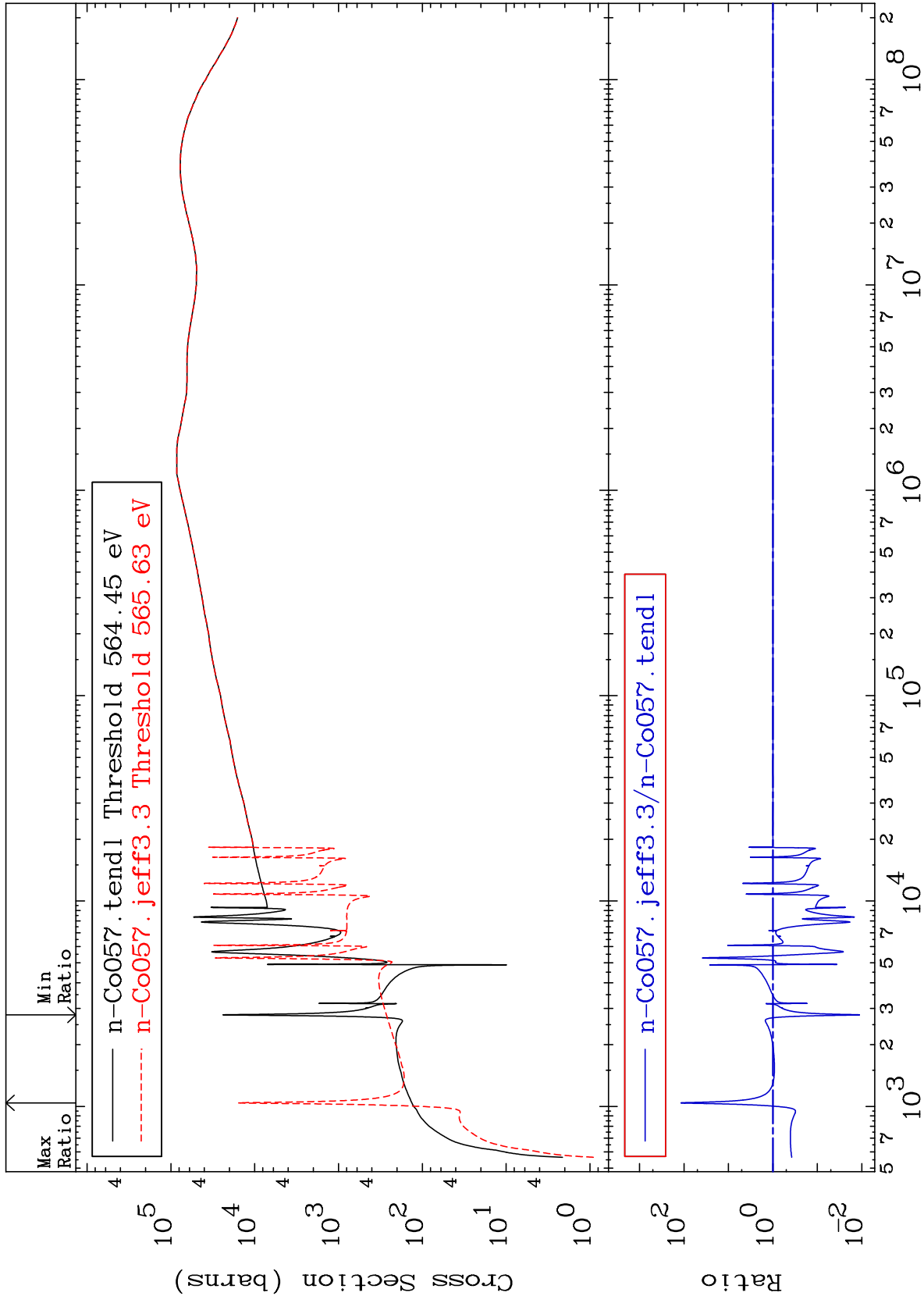






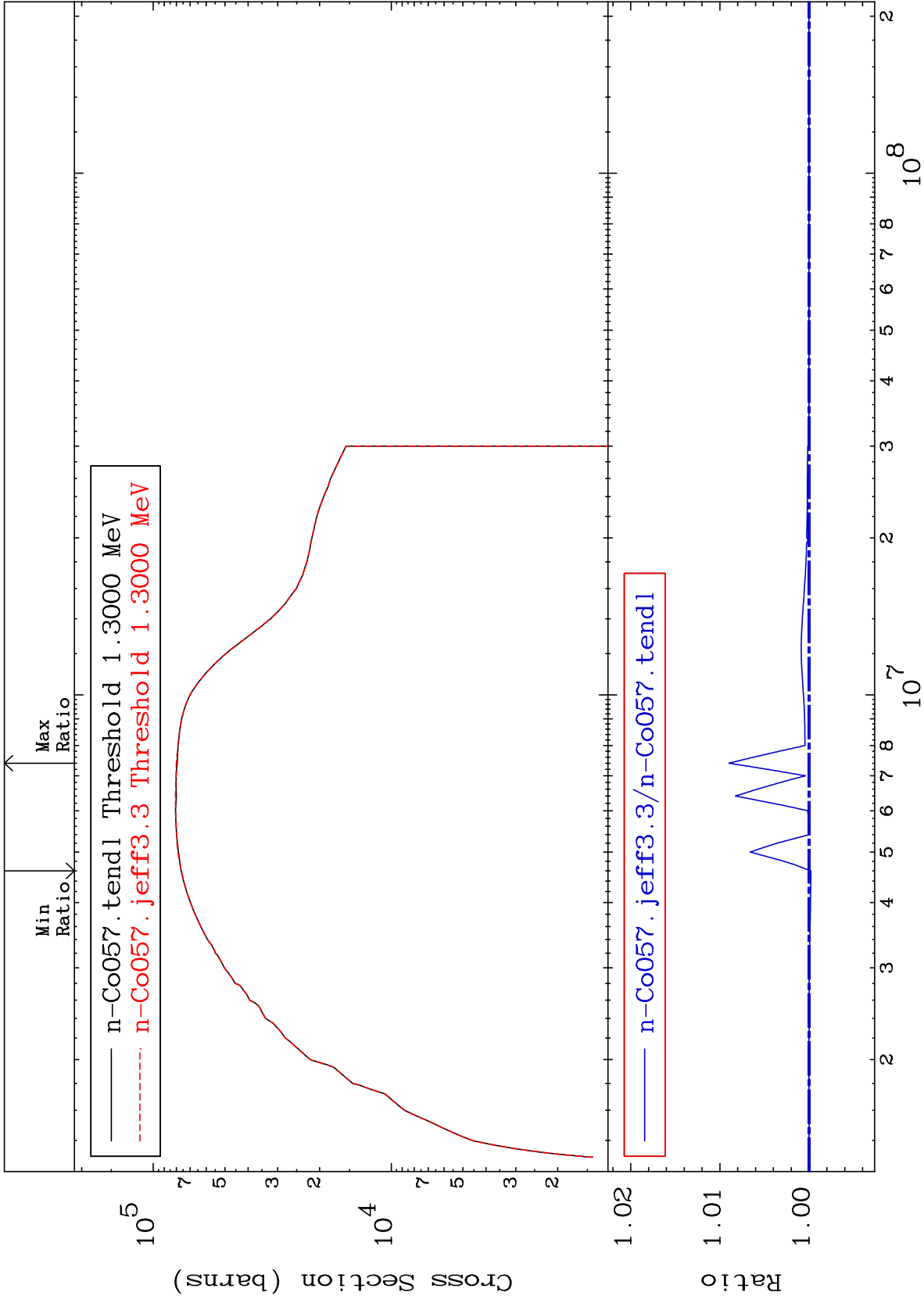






Cross Section

-0.021 To 0.900 %



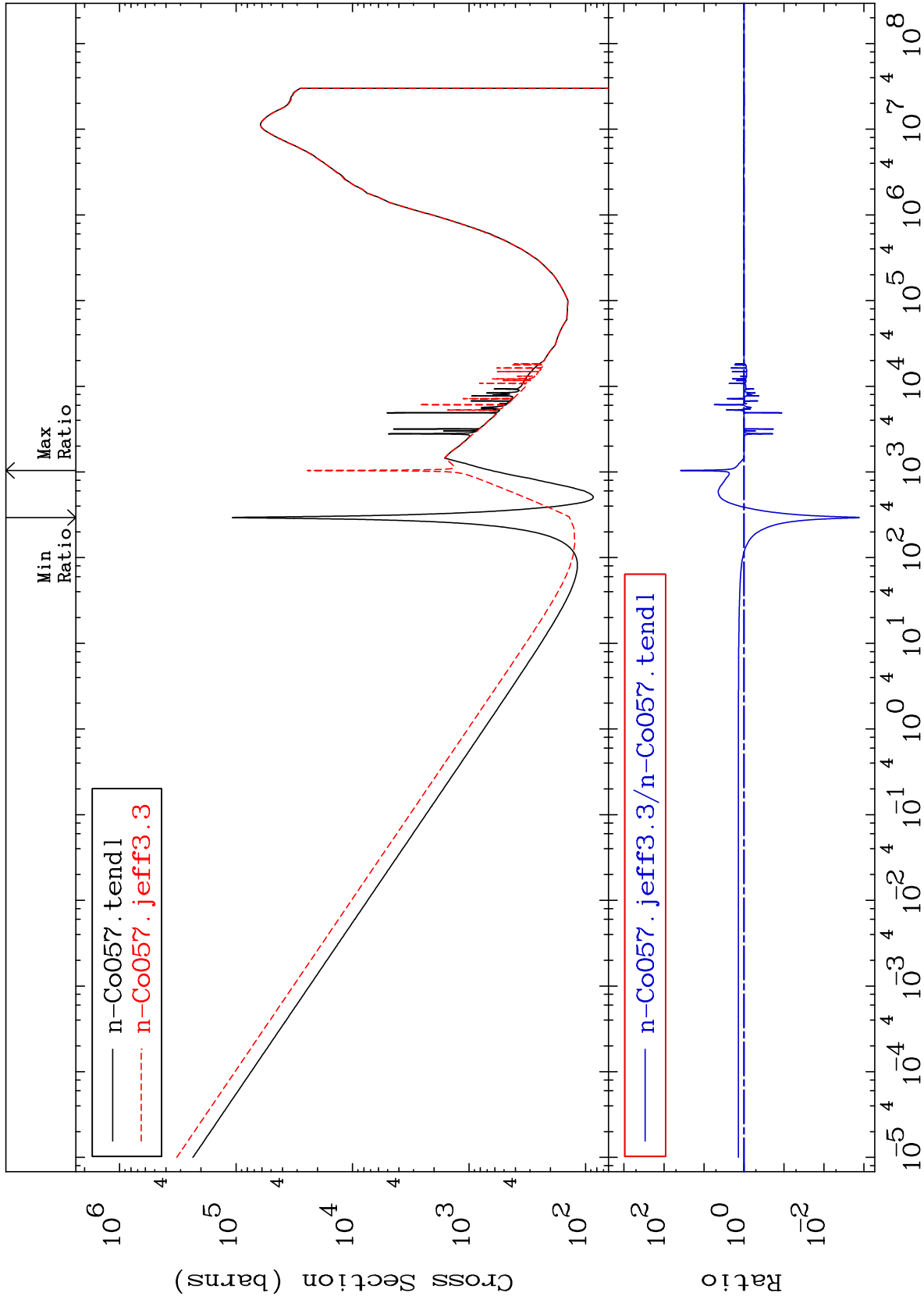
MAT 2719

Dpa disappearance (mt102 -120)

27-Co-57

-99.87 To 3700. %

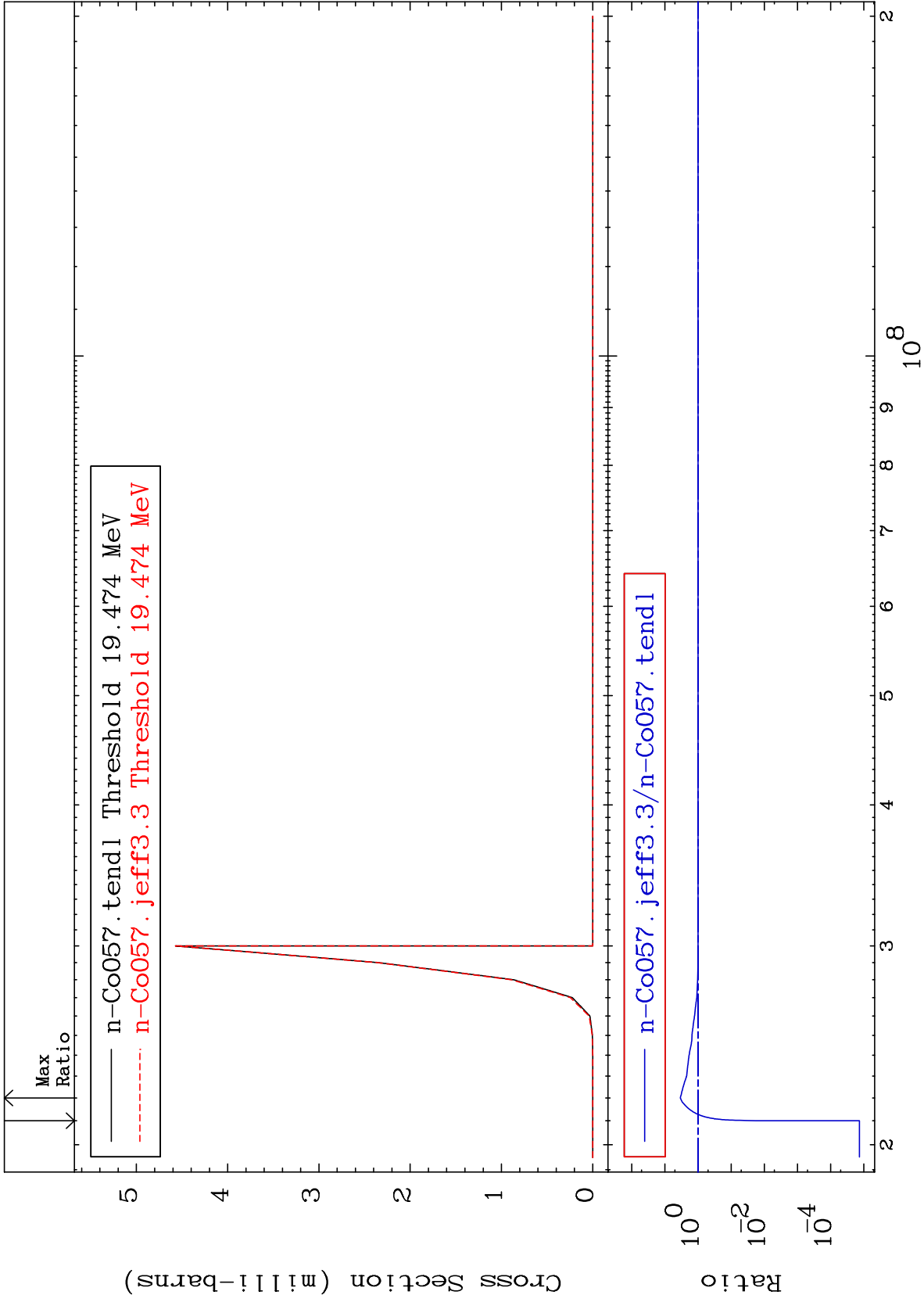
Cross Section



77

Incident Energy (eV)

27-Co-57



Radionuclide Production Cross Section

-0.345 To 516.8 %

