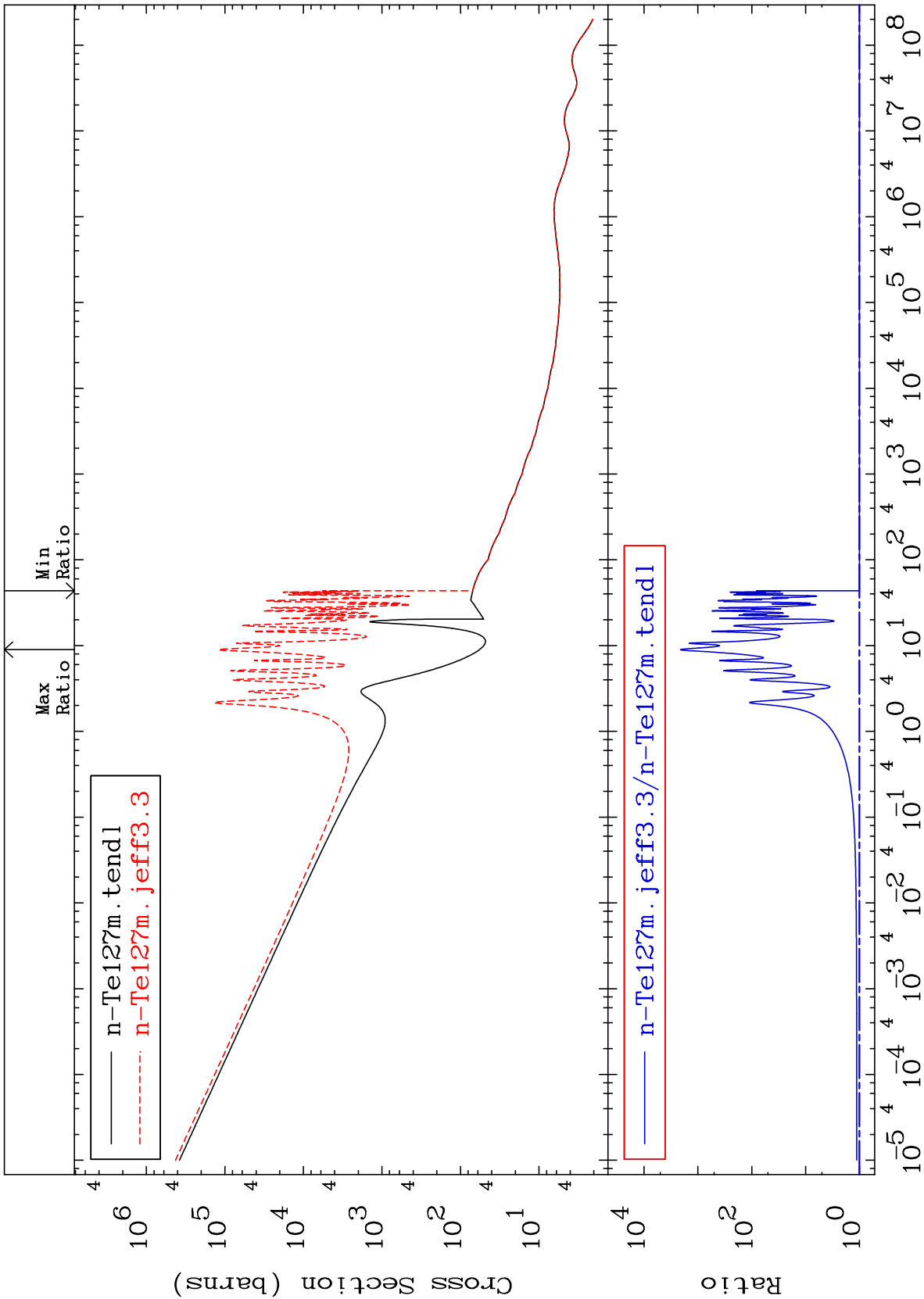


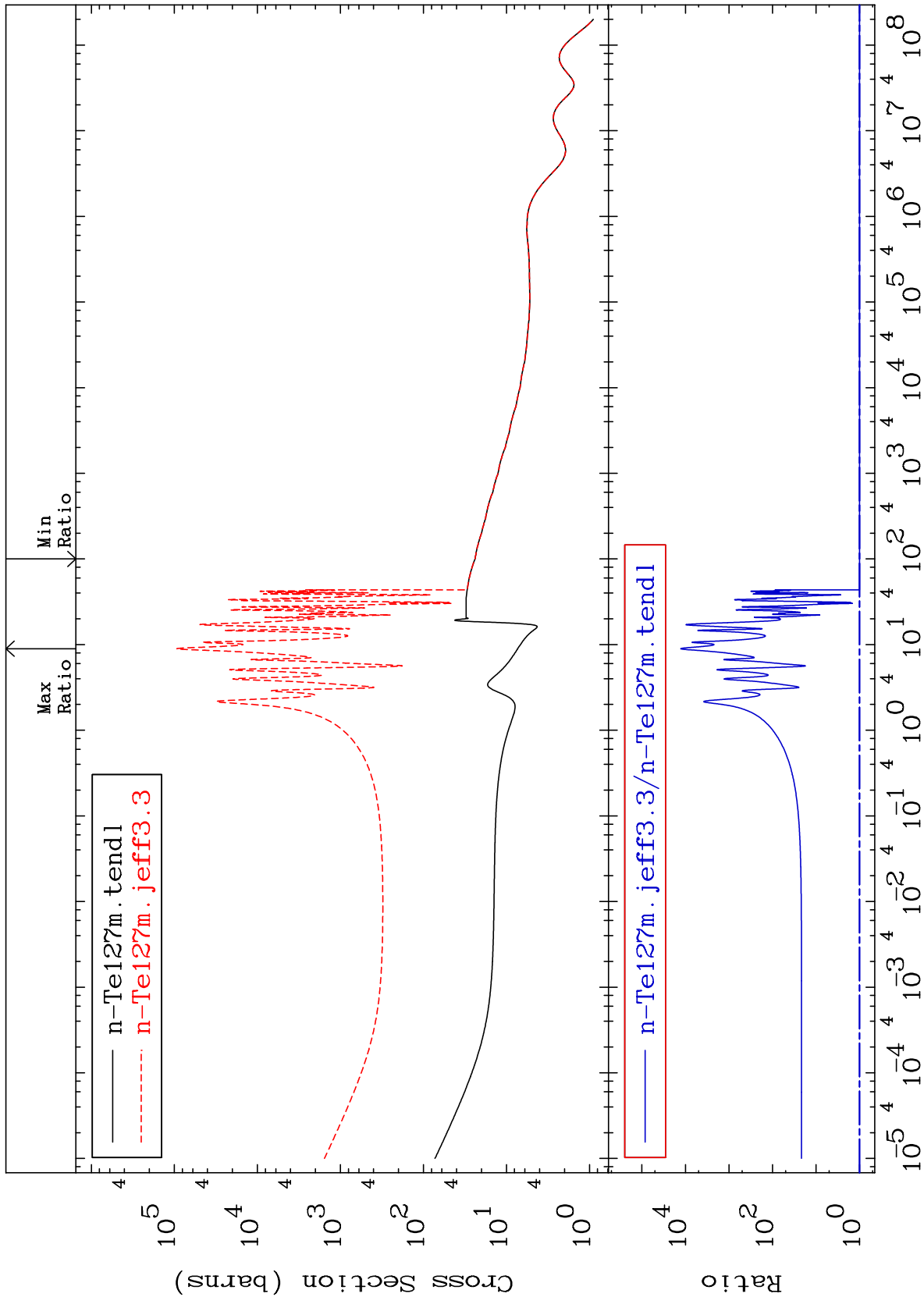
MAT 5247

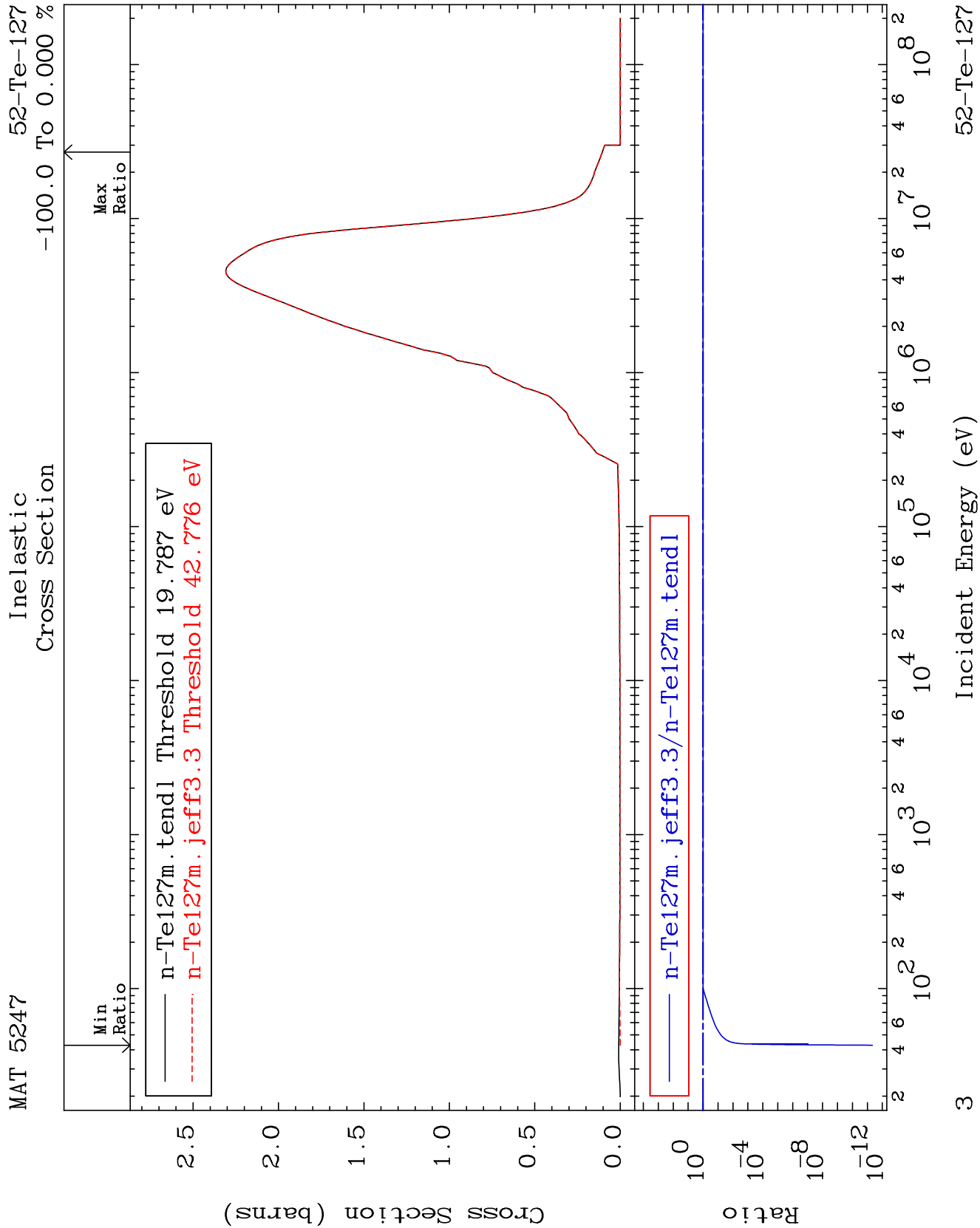
Total
Cross Section
52-Te-127
0.000 To 9999. %



Incident Energy (eV)

52-Te-127

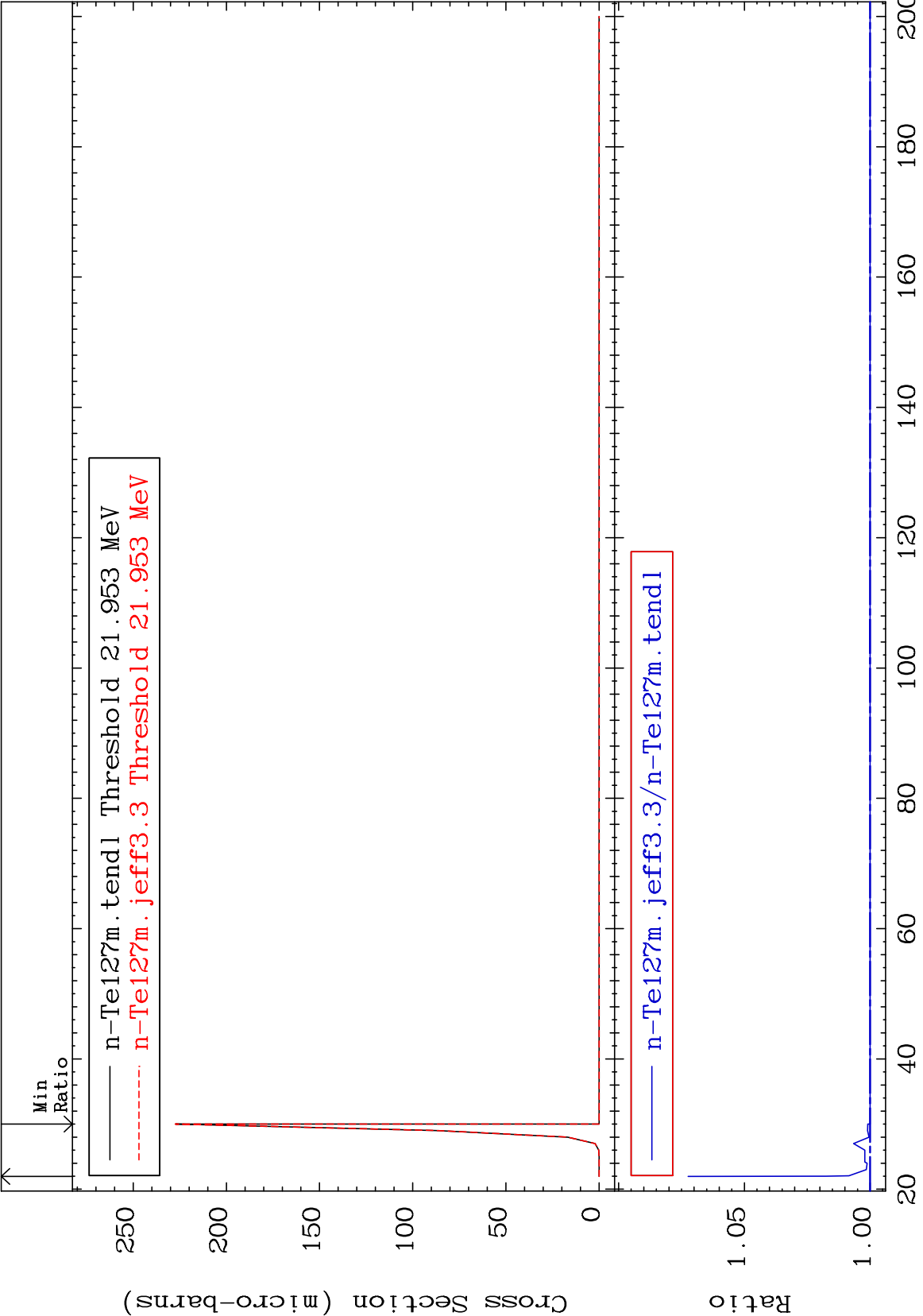


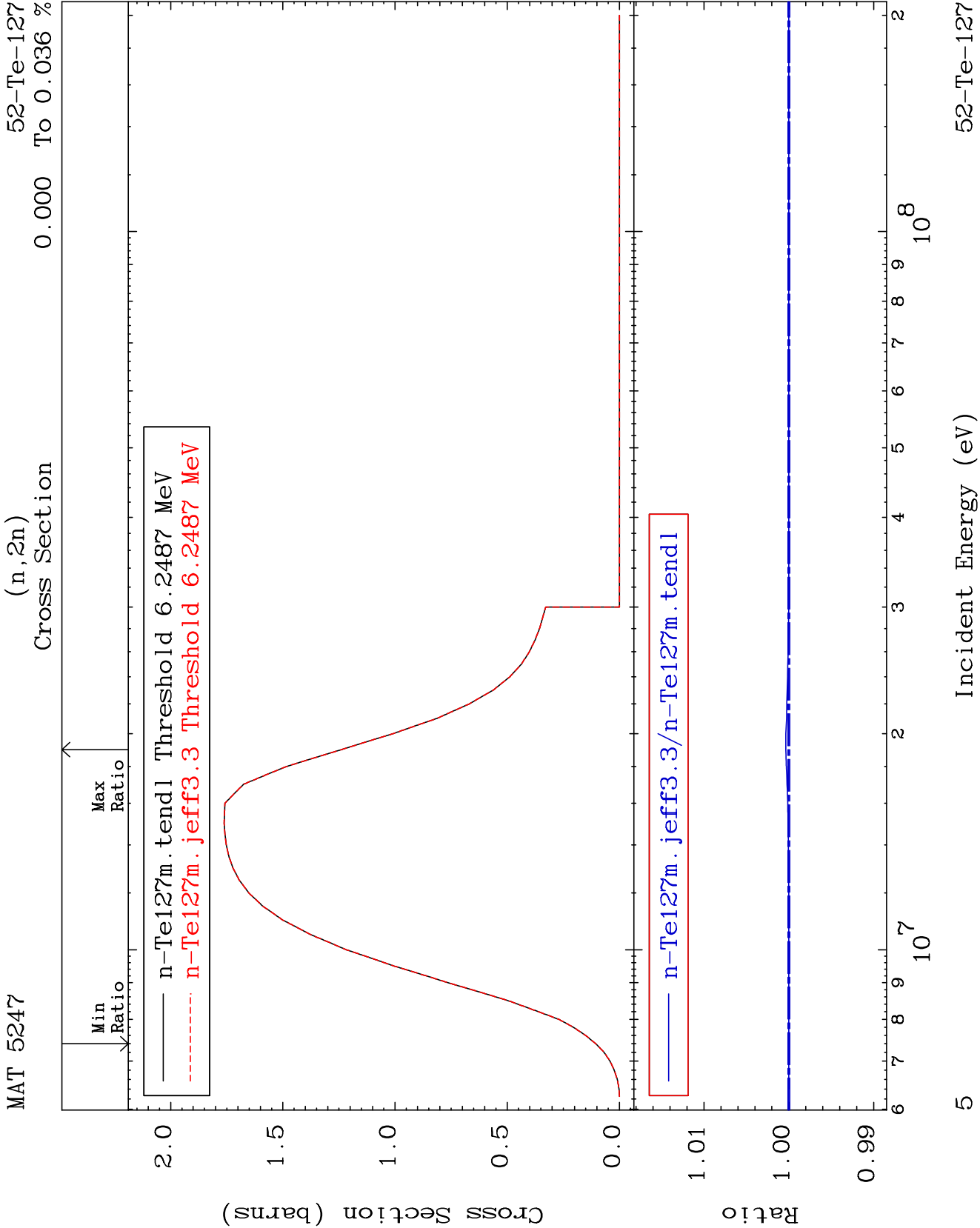


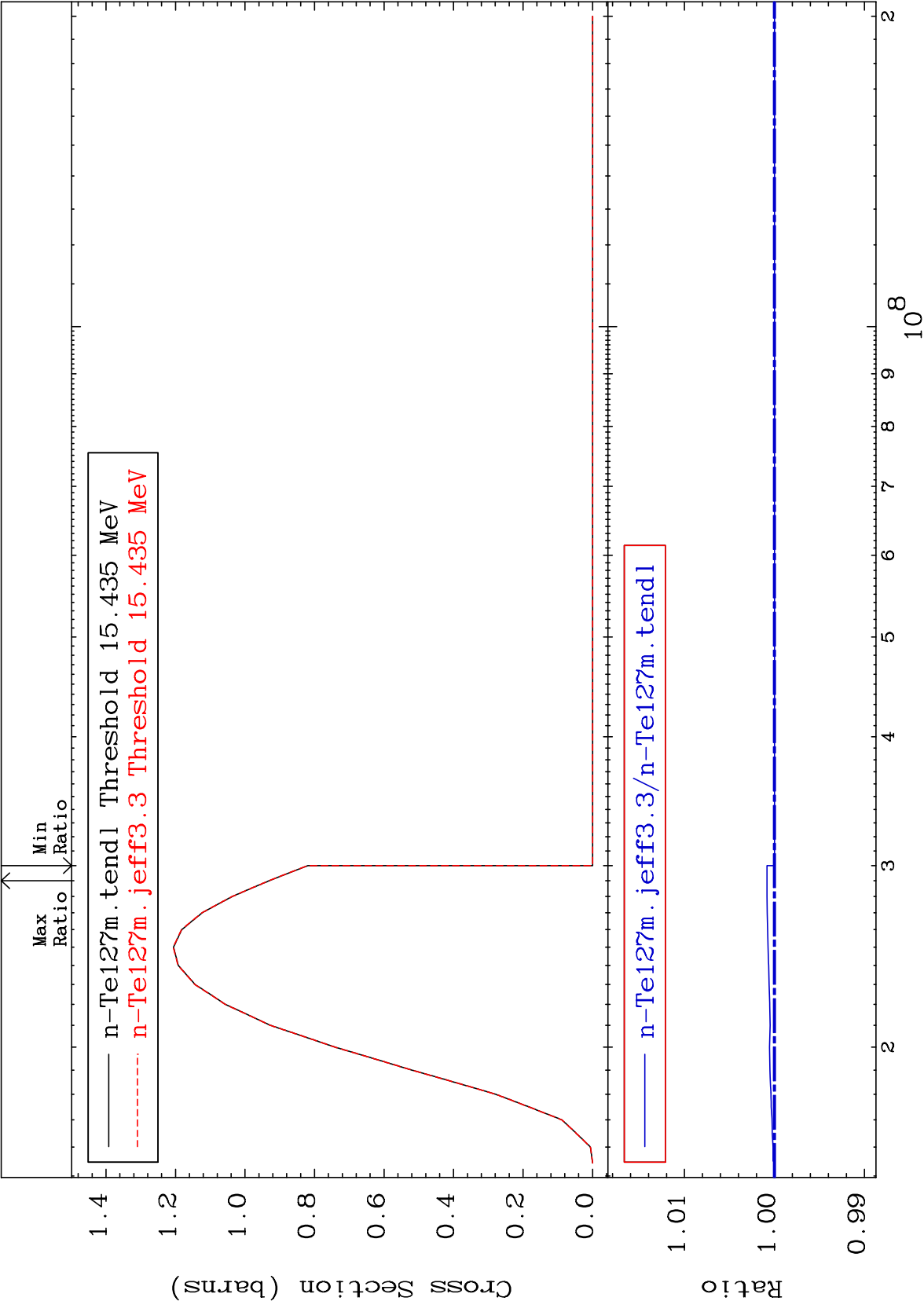
MAT 5247

(n,2n) d
Cross Section

52-Te-127
0.000 To 7.236 %







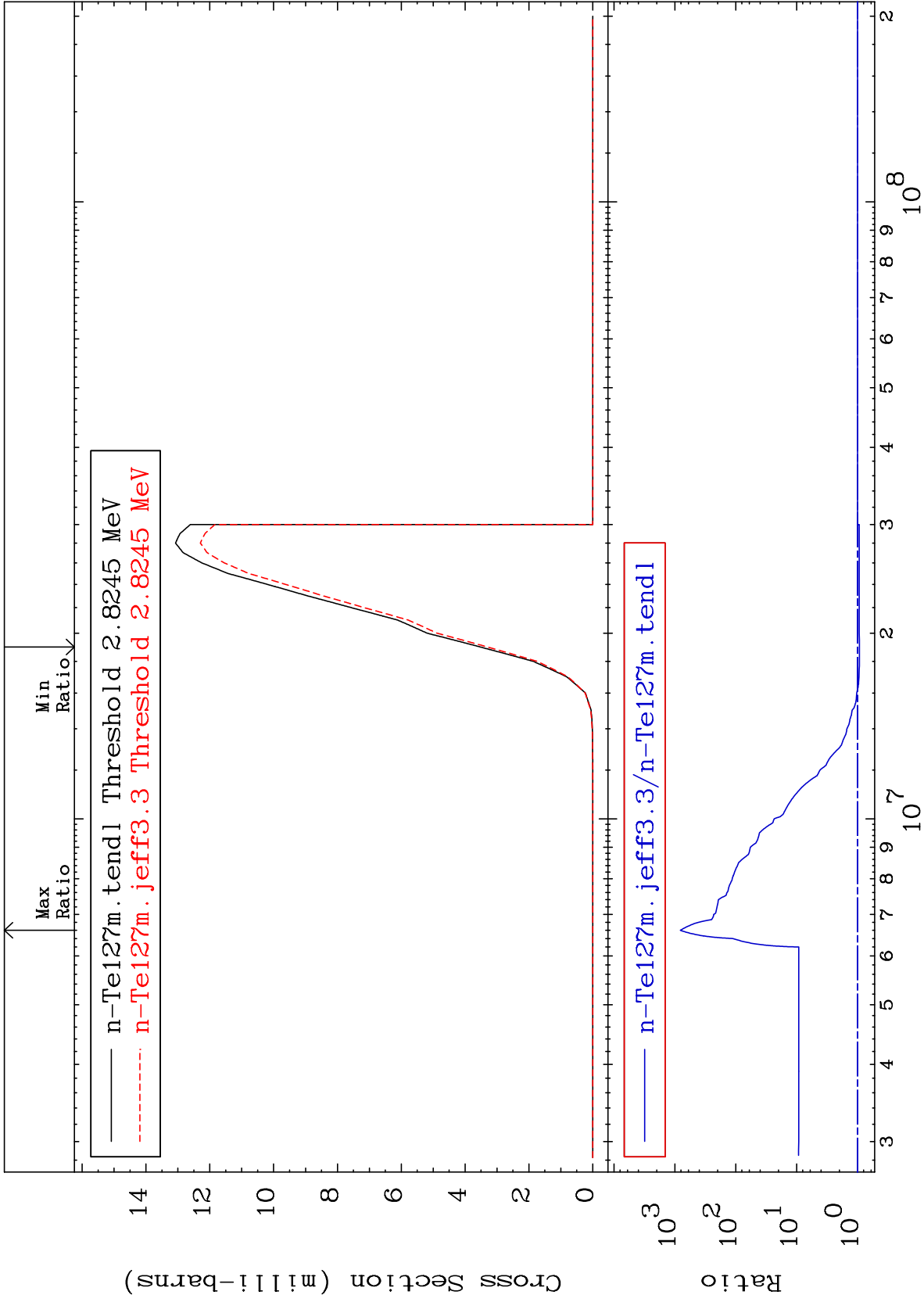
MAT 5247

(n,n') α

52-Te-127

Cross Section

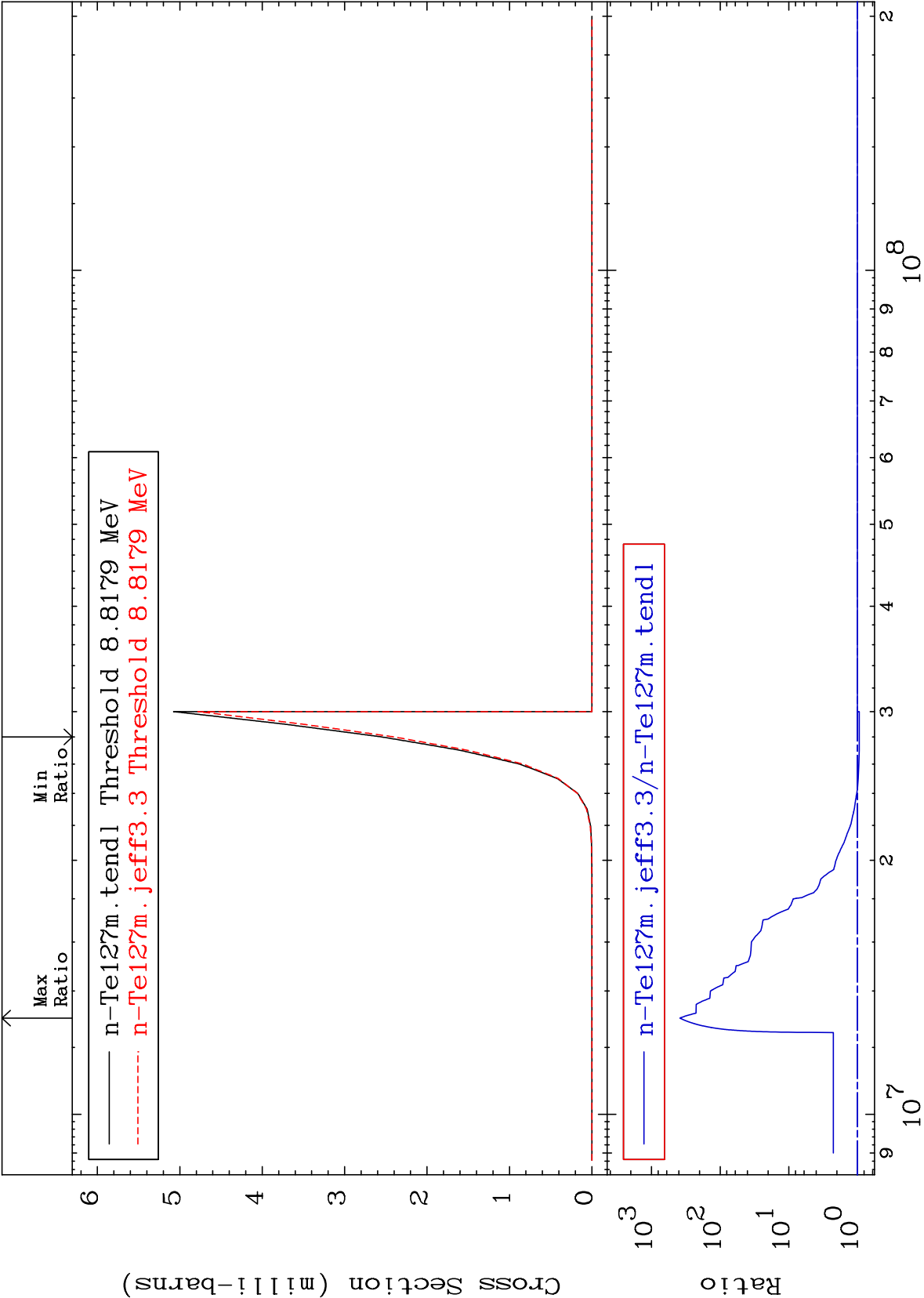
-6.523 To 9999. %

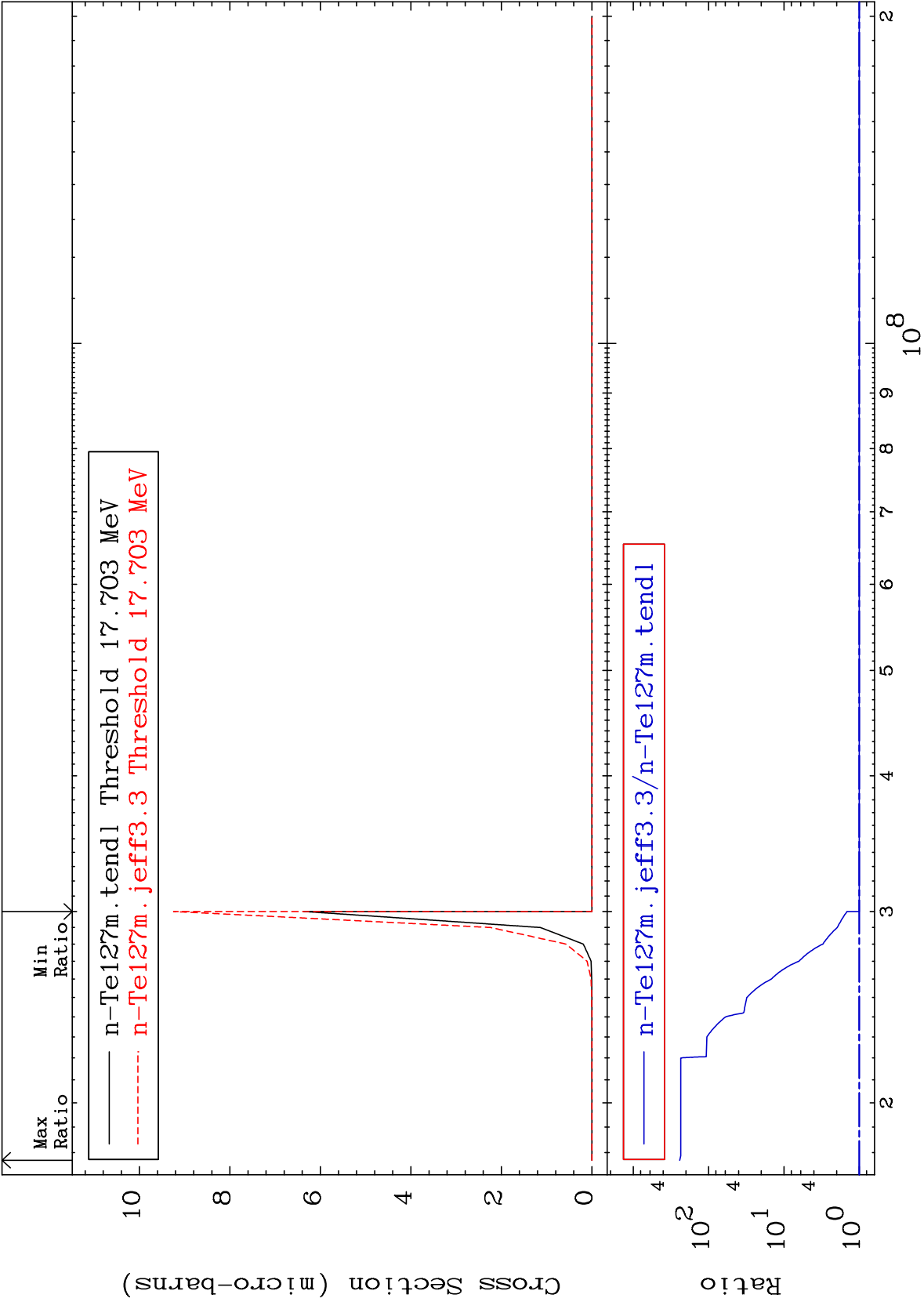


MAT 5247

(n,2n) α
Cross Section

52-Te-127
-5.867 To 9999. %

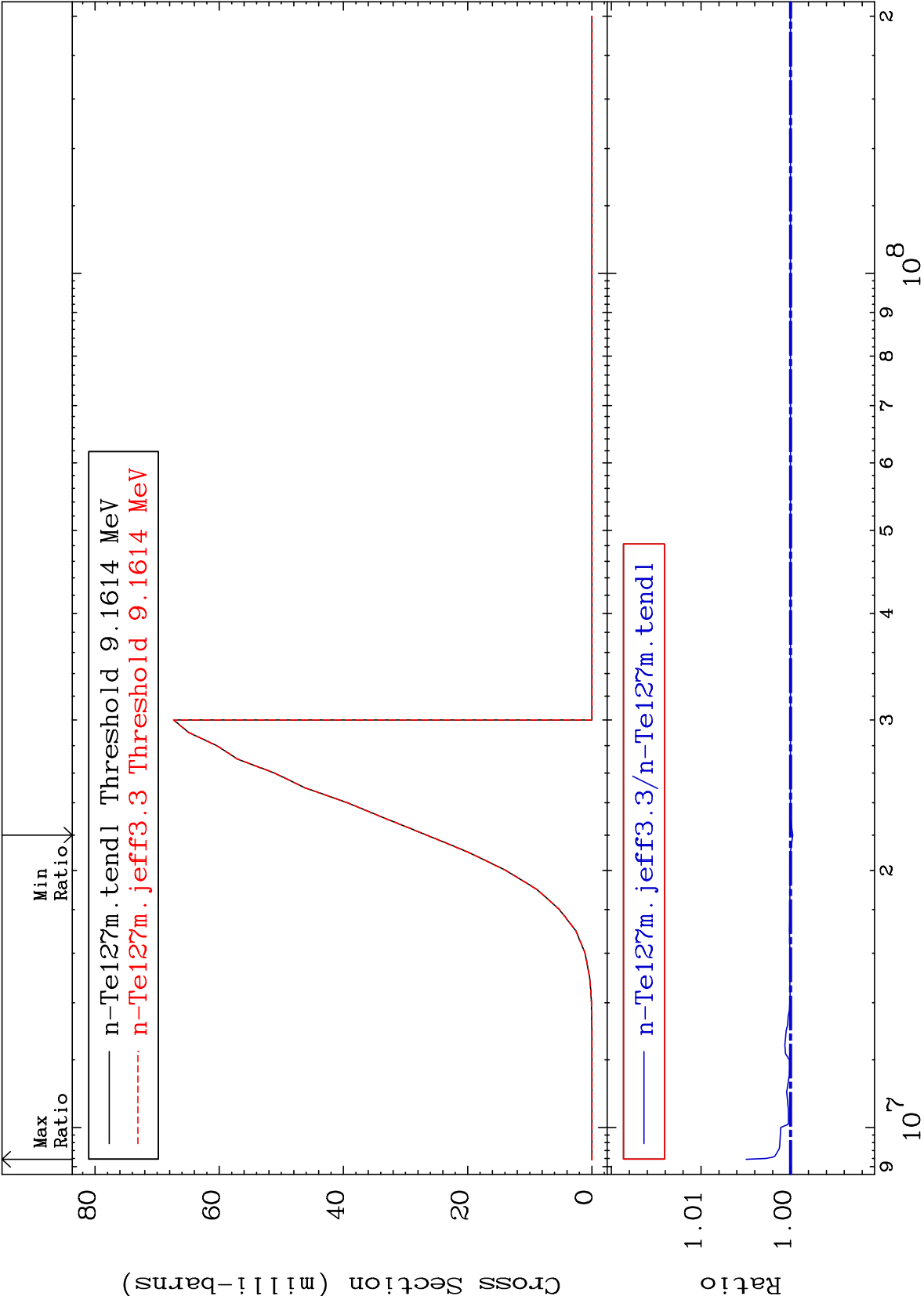


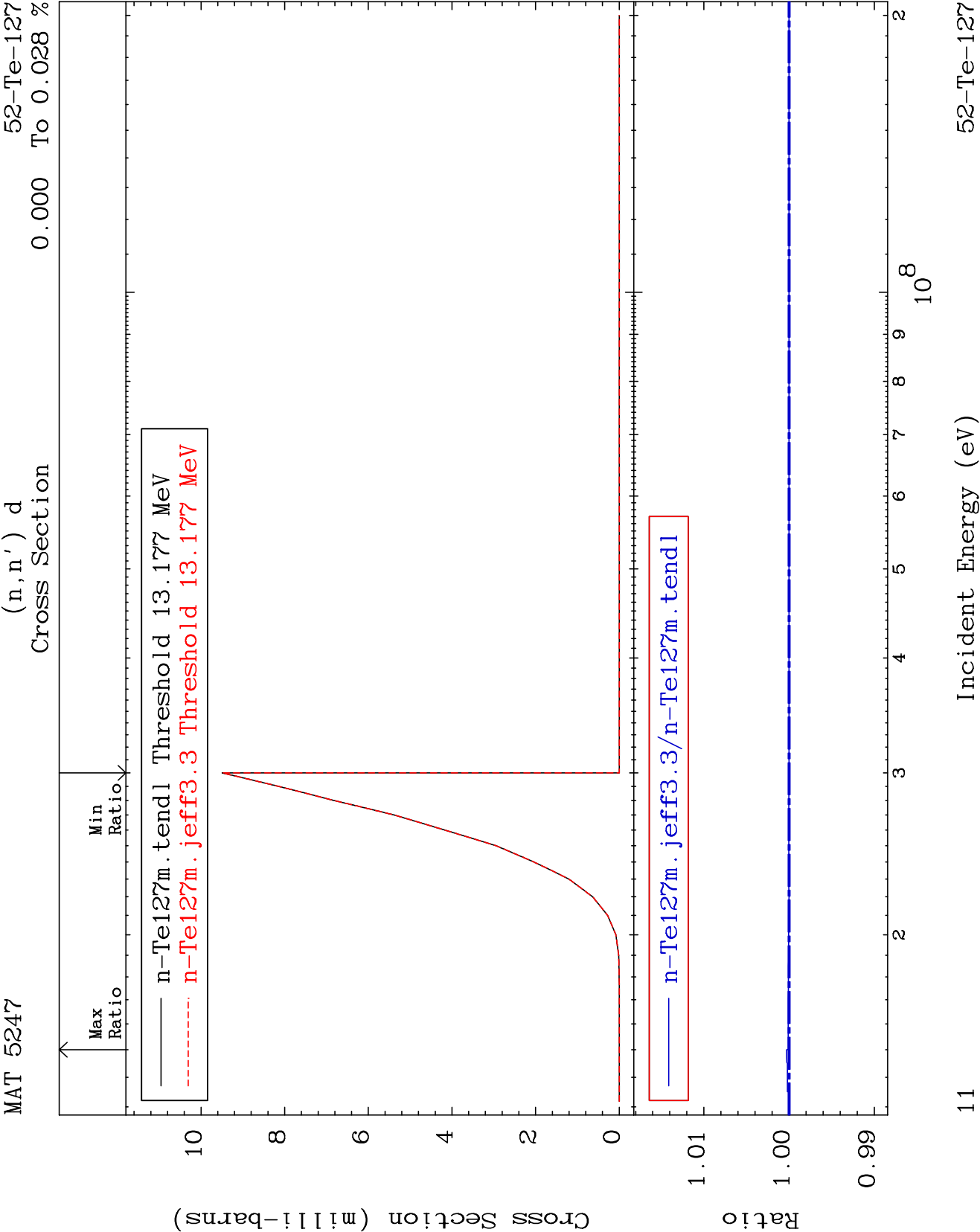


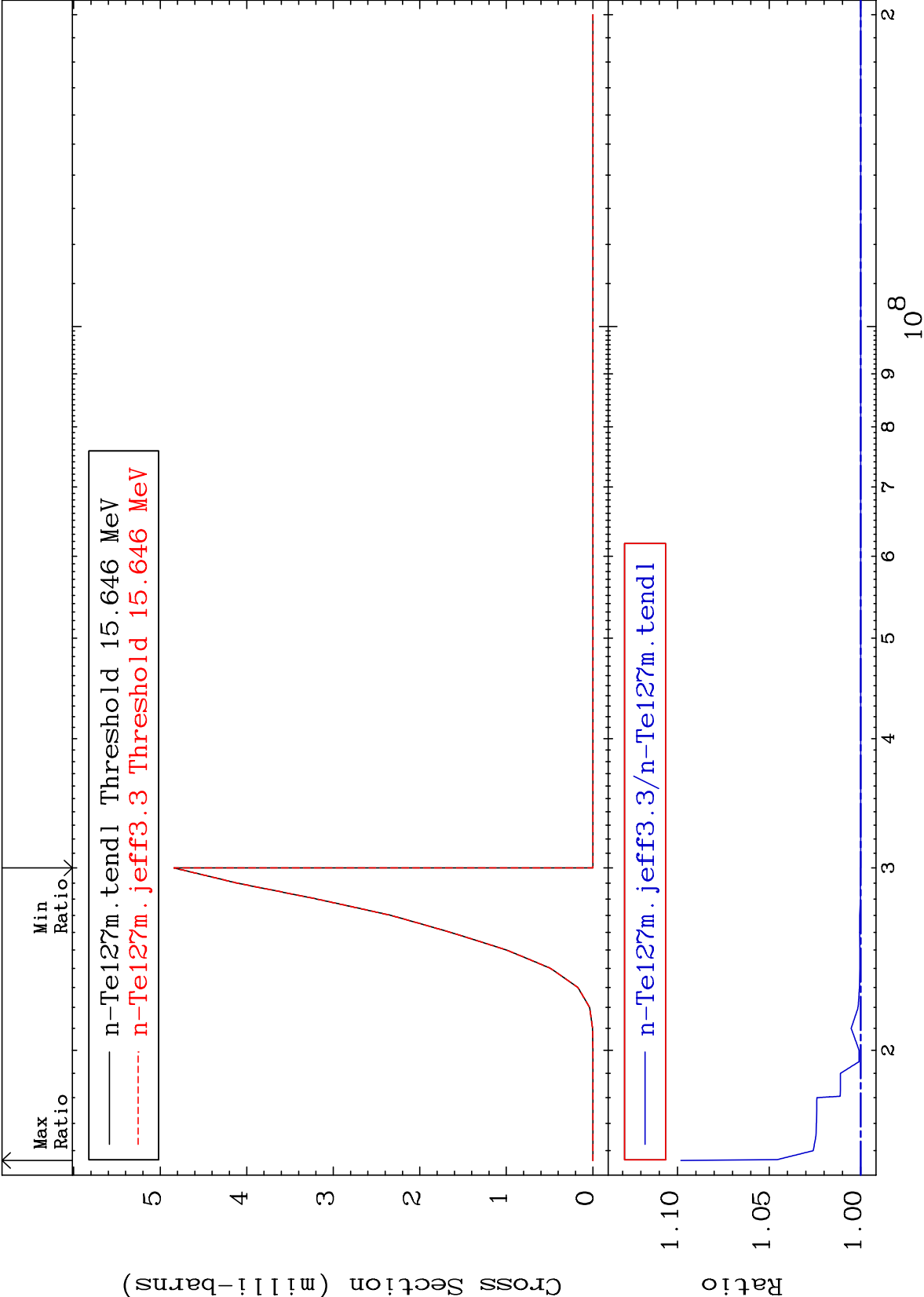
MAT 5247

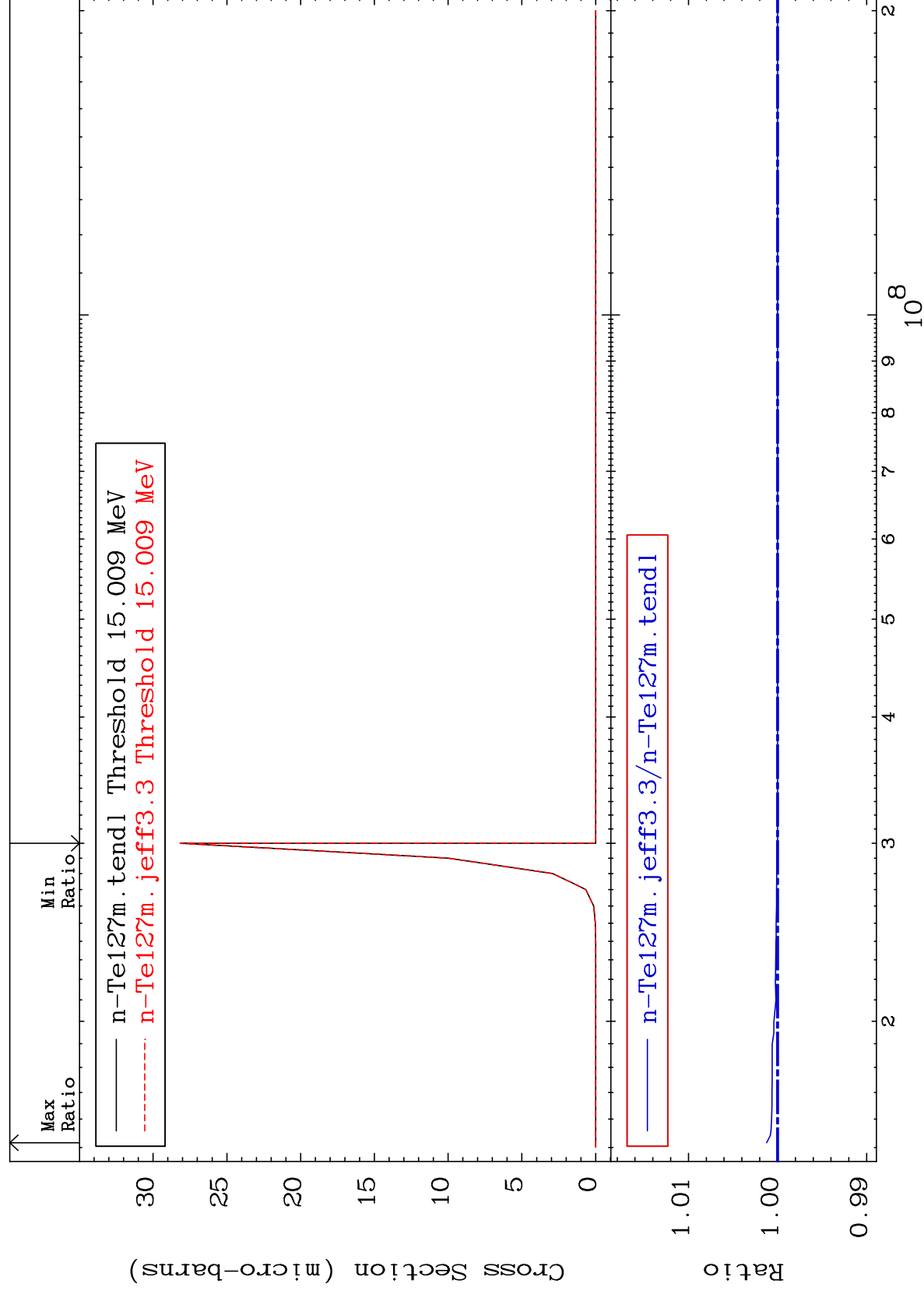
(n,n') p
Cross Section

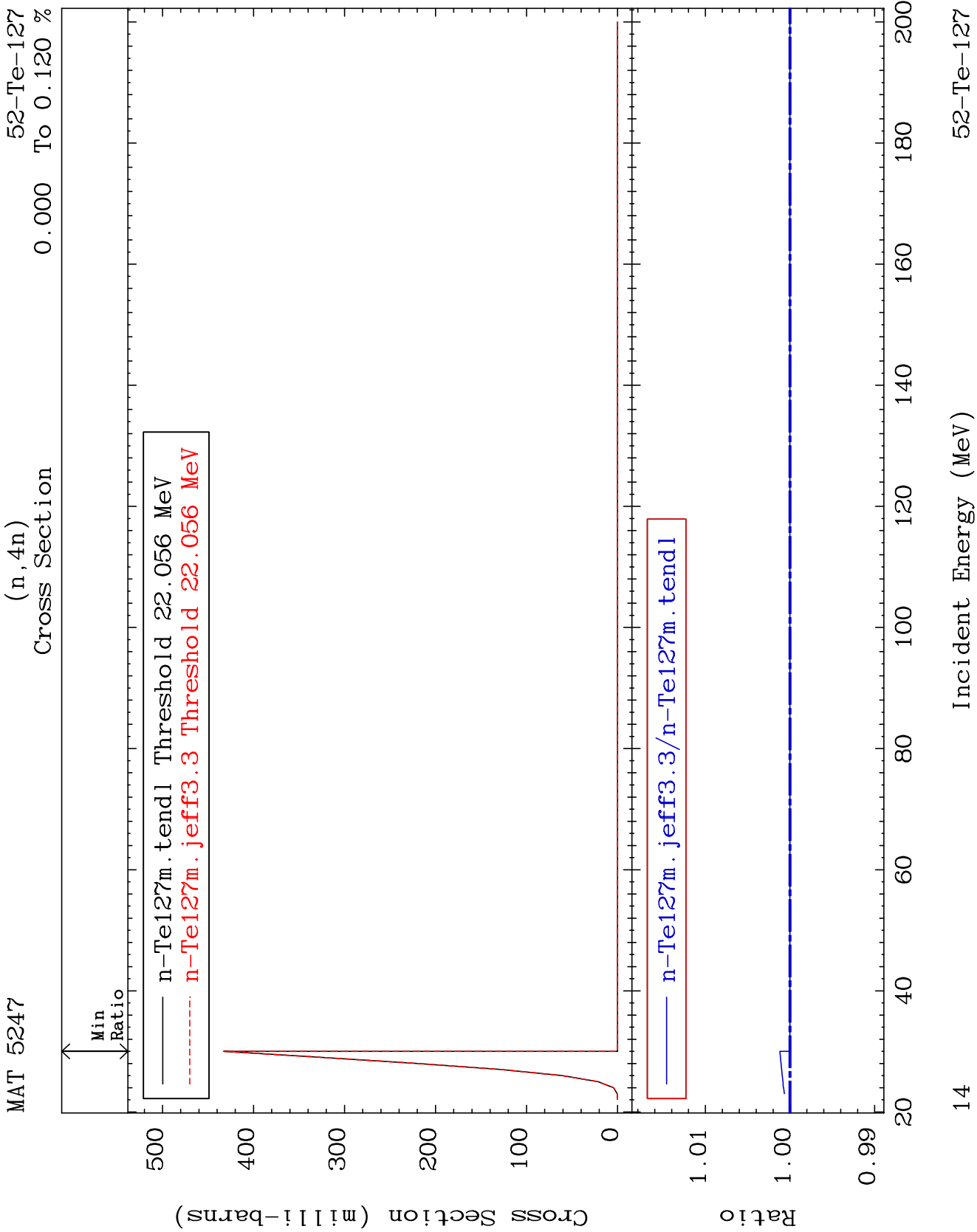
52-Te-127
-0.025 To 0.495 %







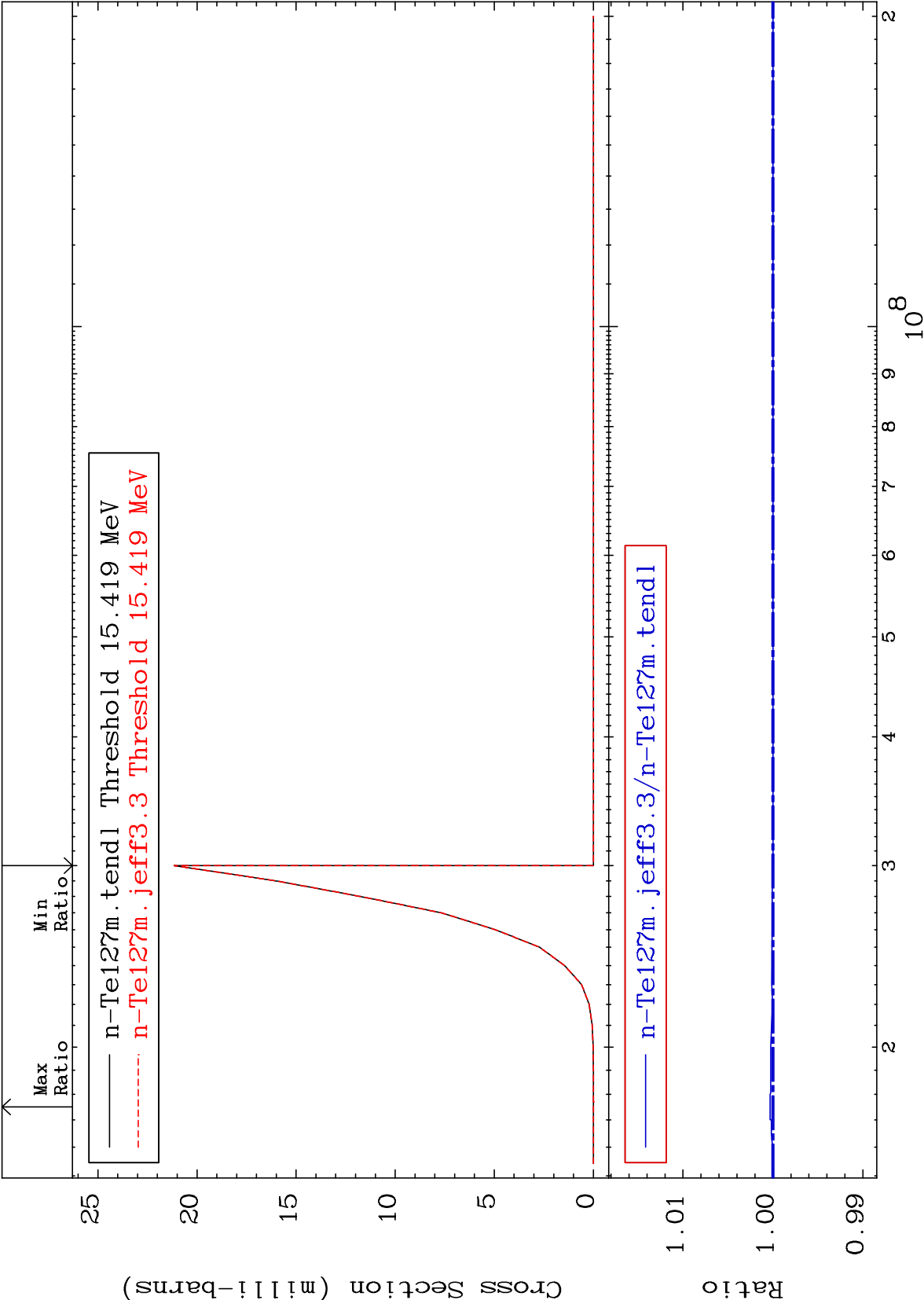


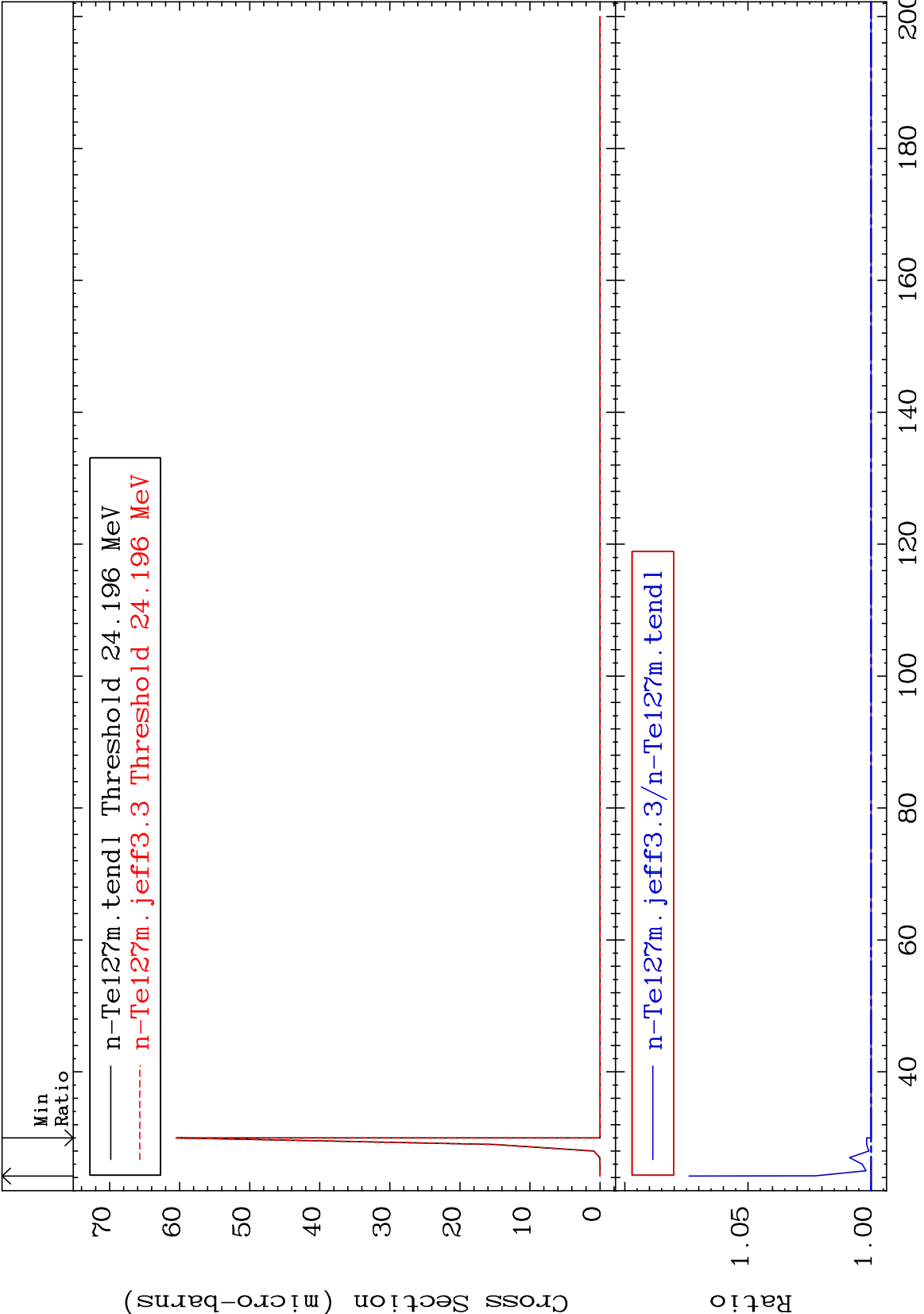


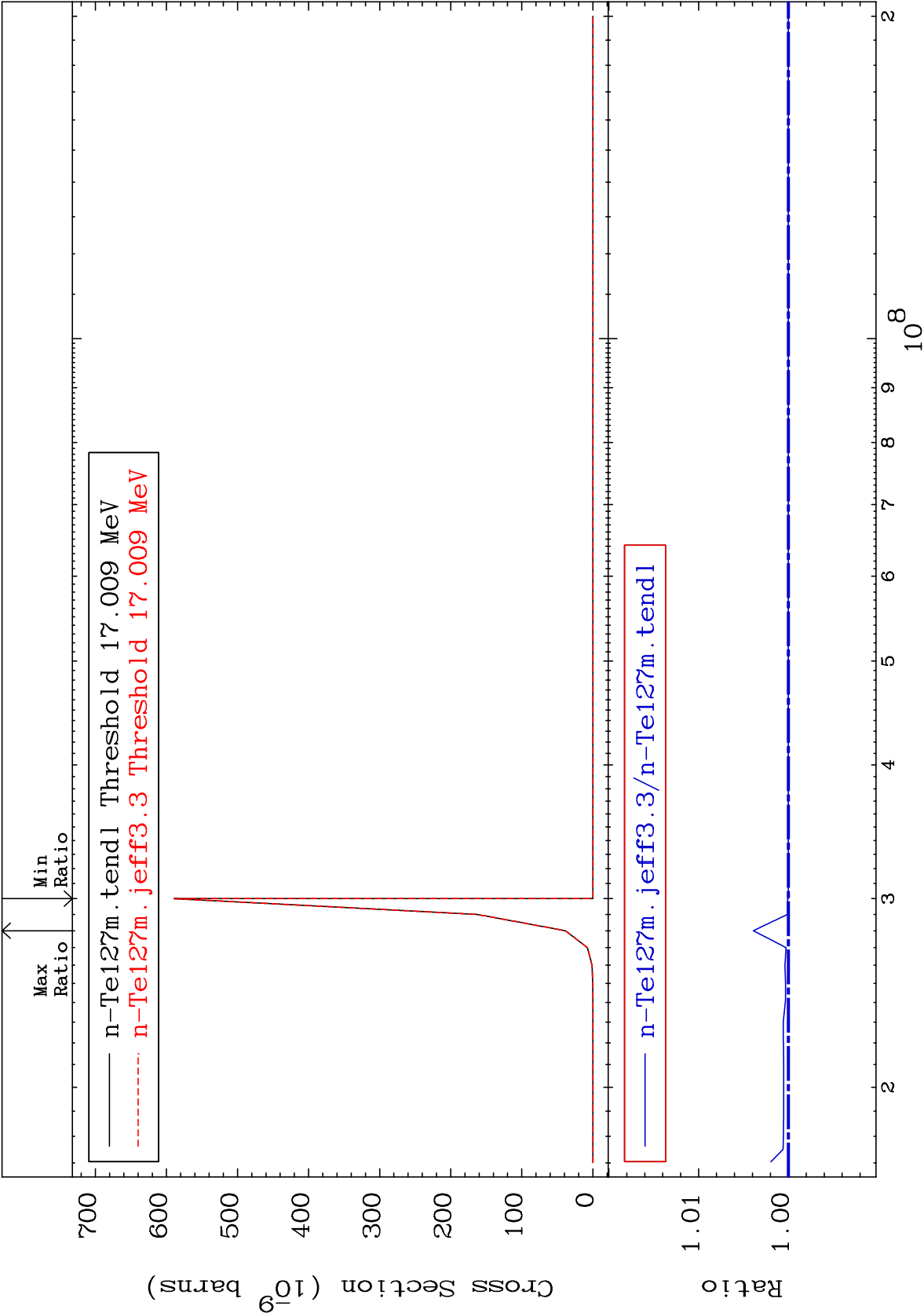
MAT 5247

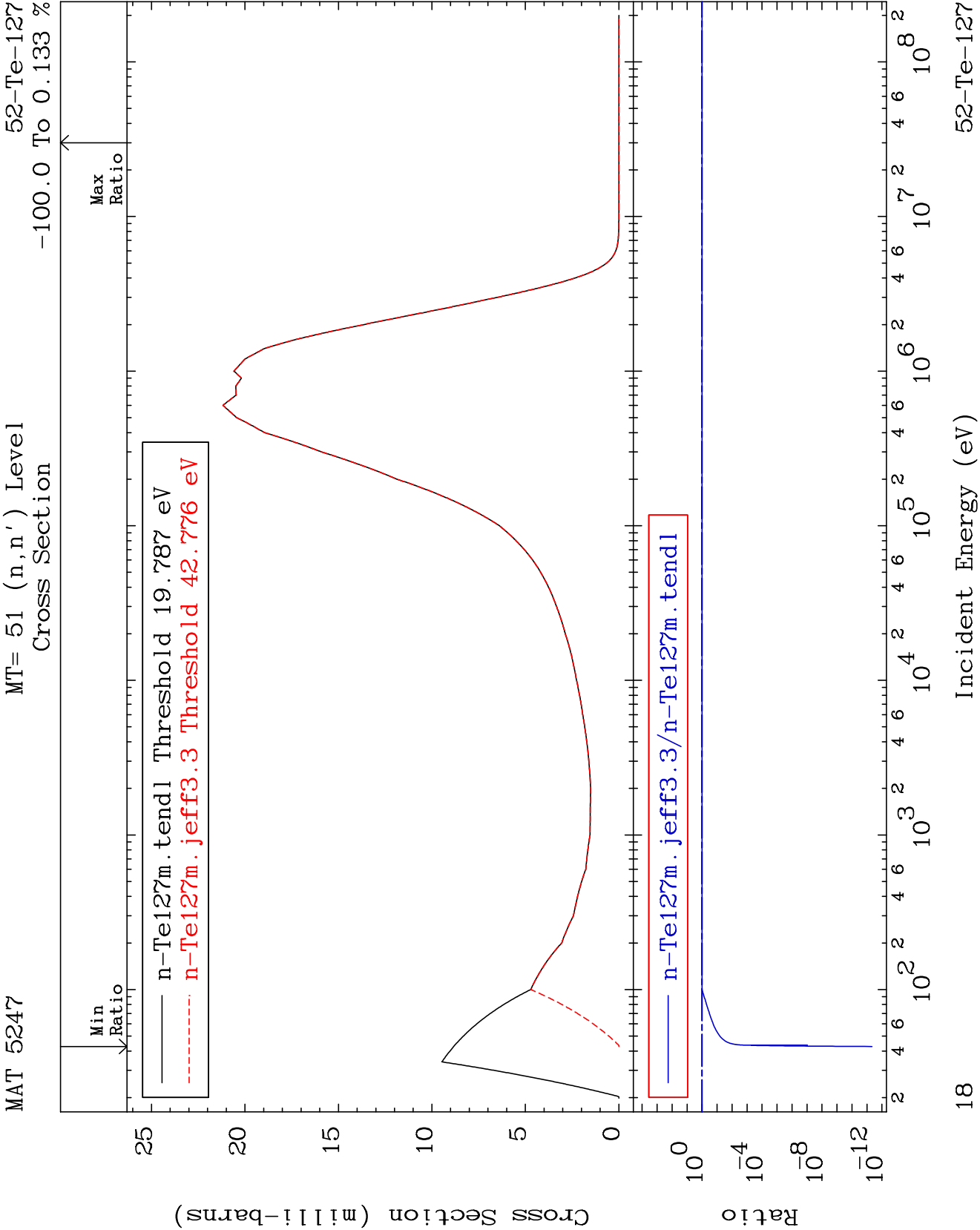
(n,2n) p
Cross Section

52-Te-127
0.000 To 0.033 %





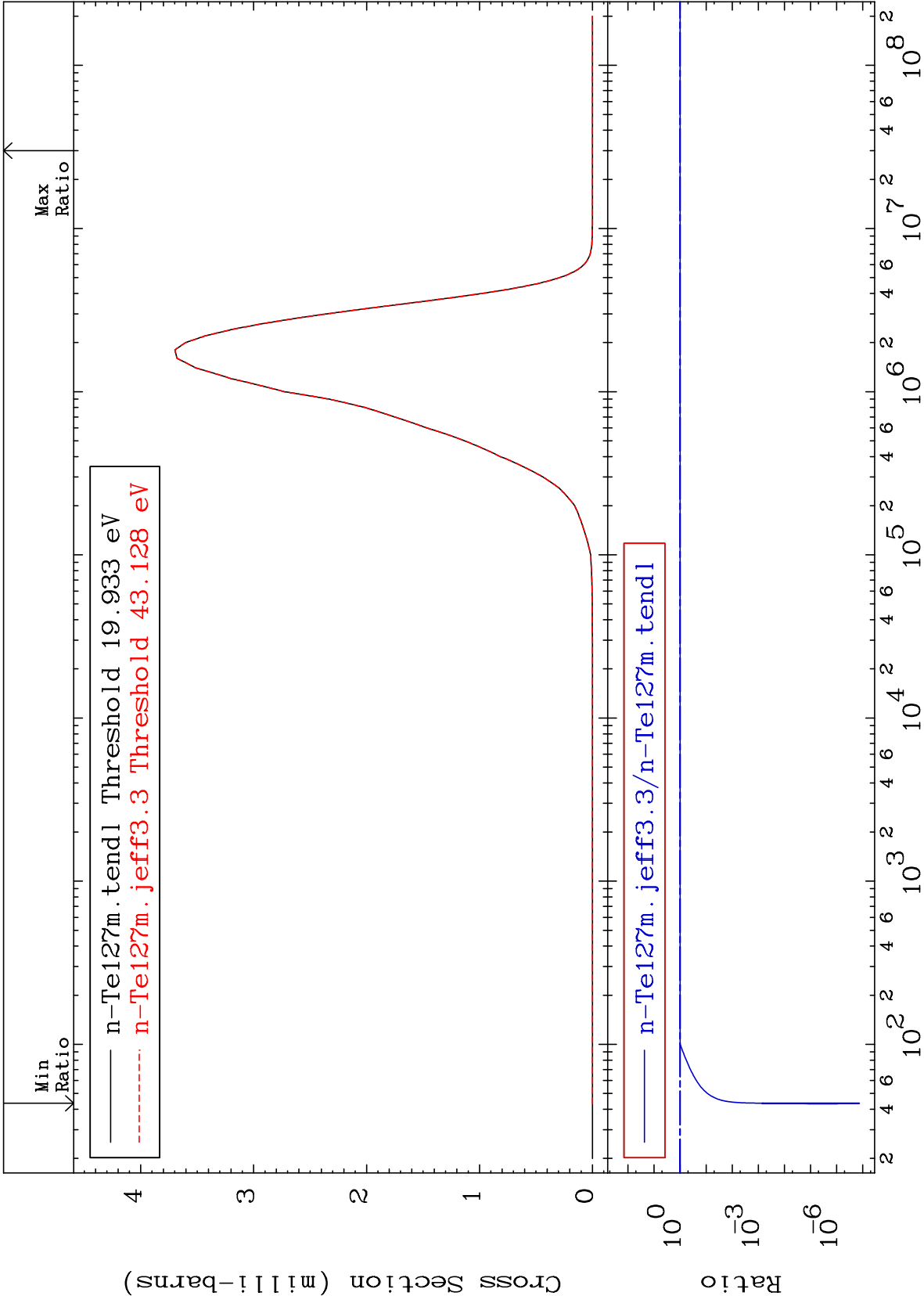


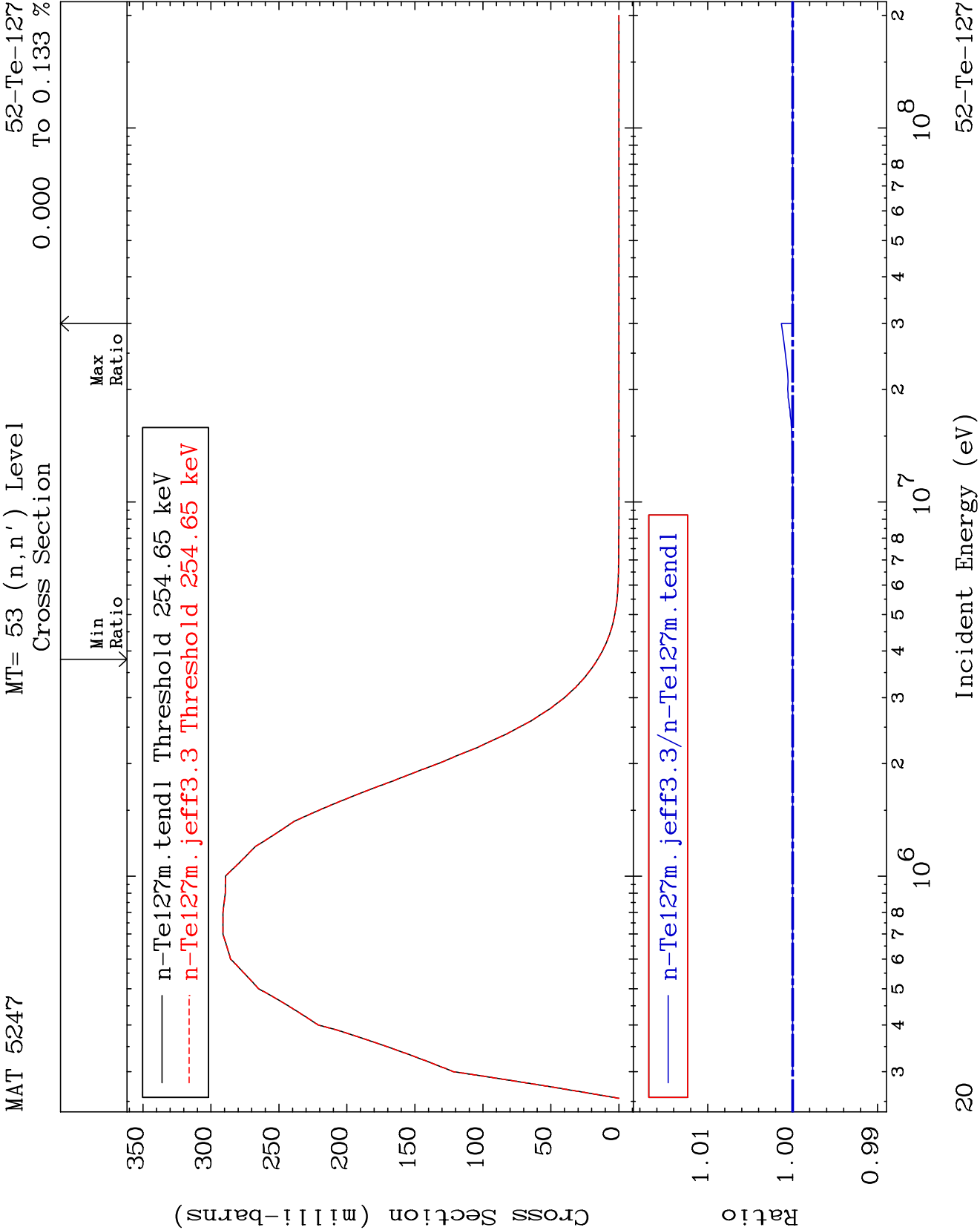


MAT 5247

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

52-Te-127
-100.0 To 0.133 %

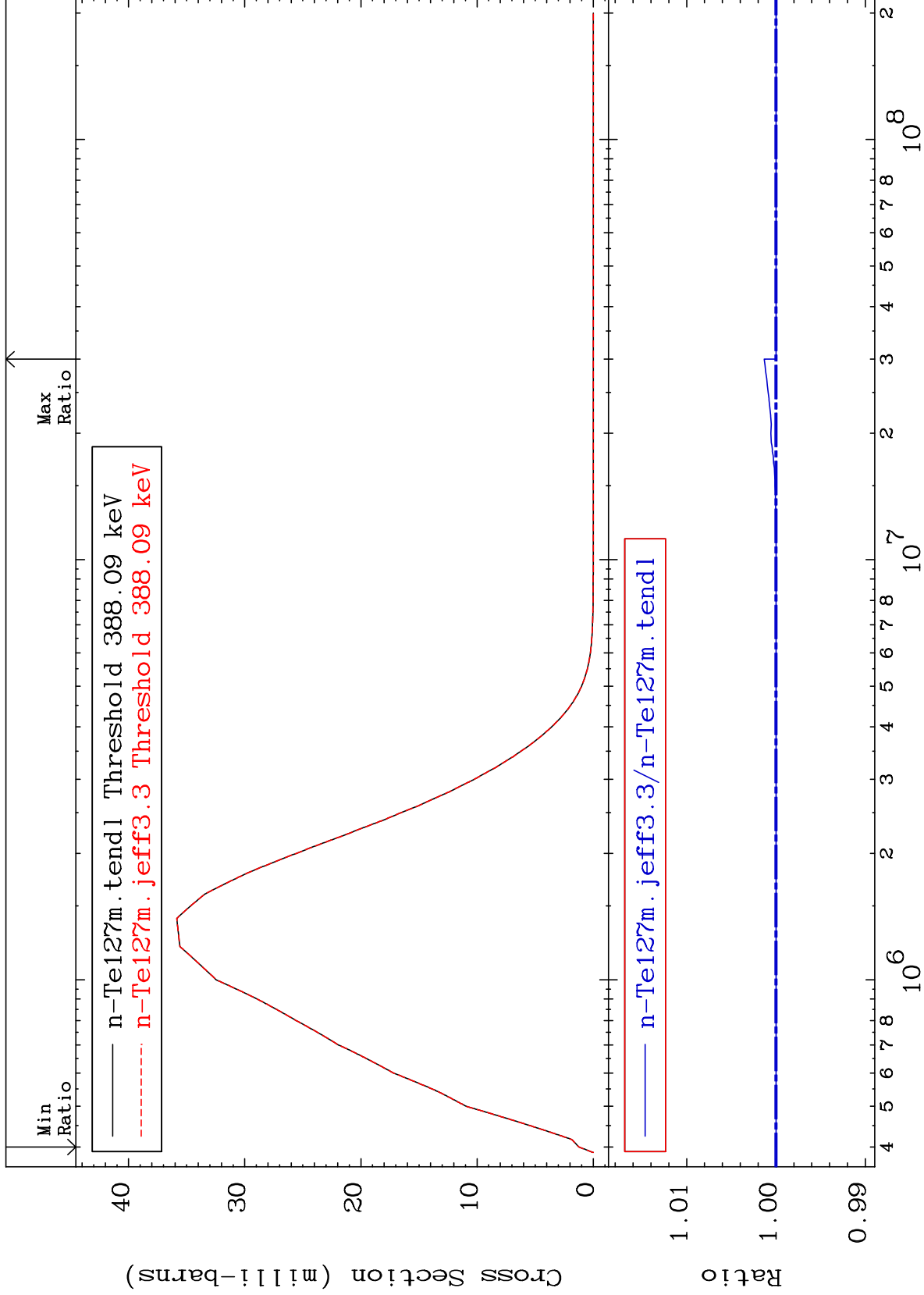




MAT 5247

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

52-Te-127
-0.002 To 0.133 %



MAT 5247

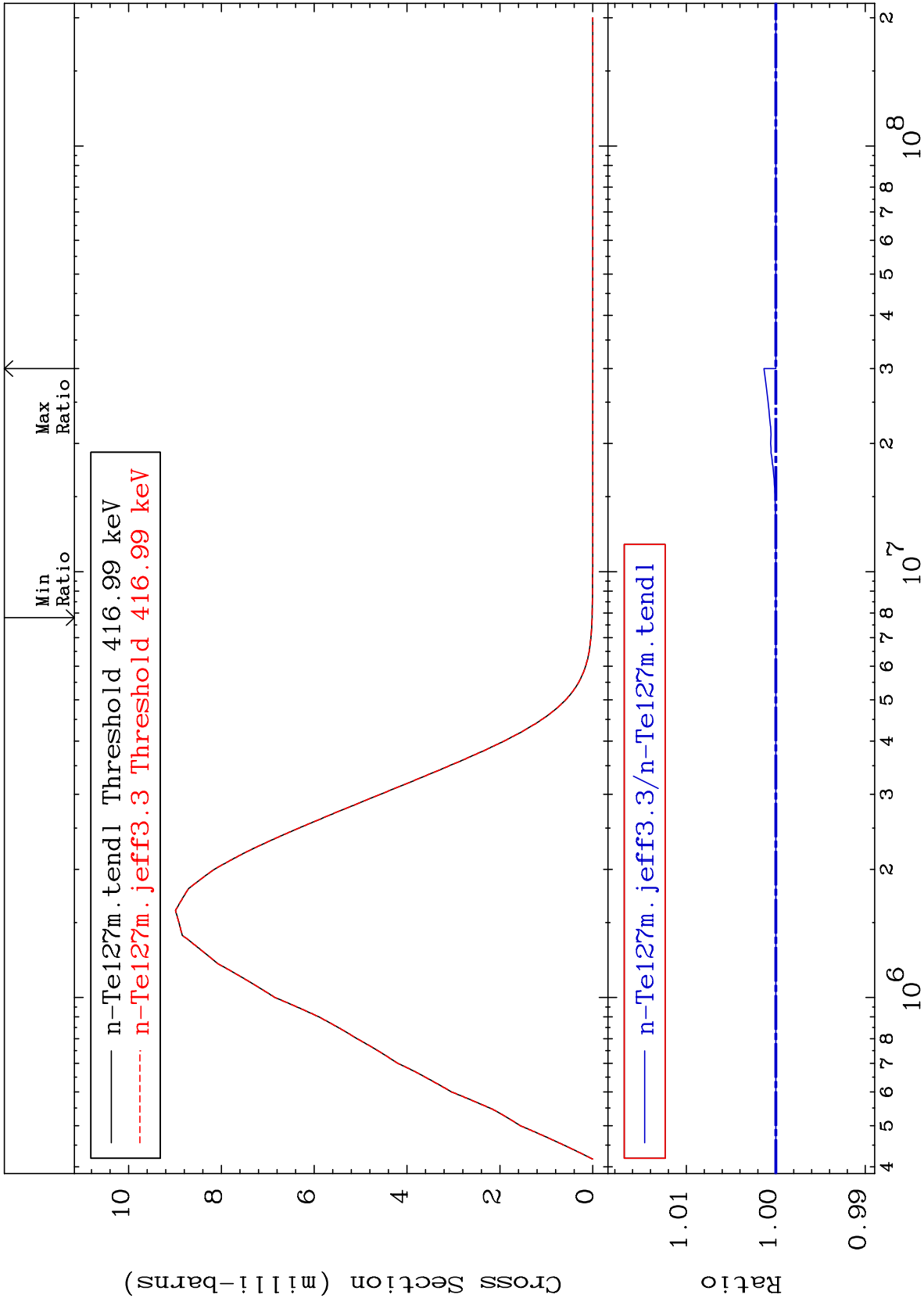
MT= 55 (n,n') Level

52-Te-127

Cross Section

0.000

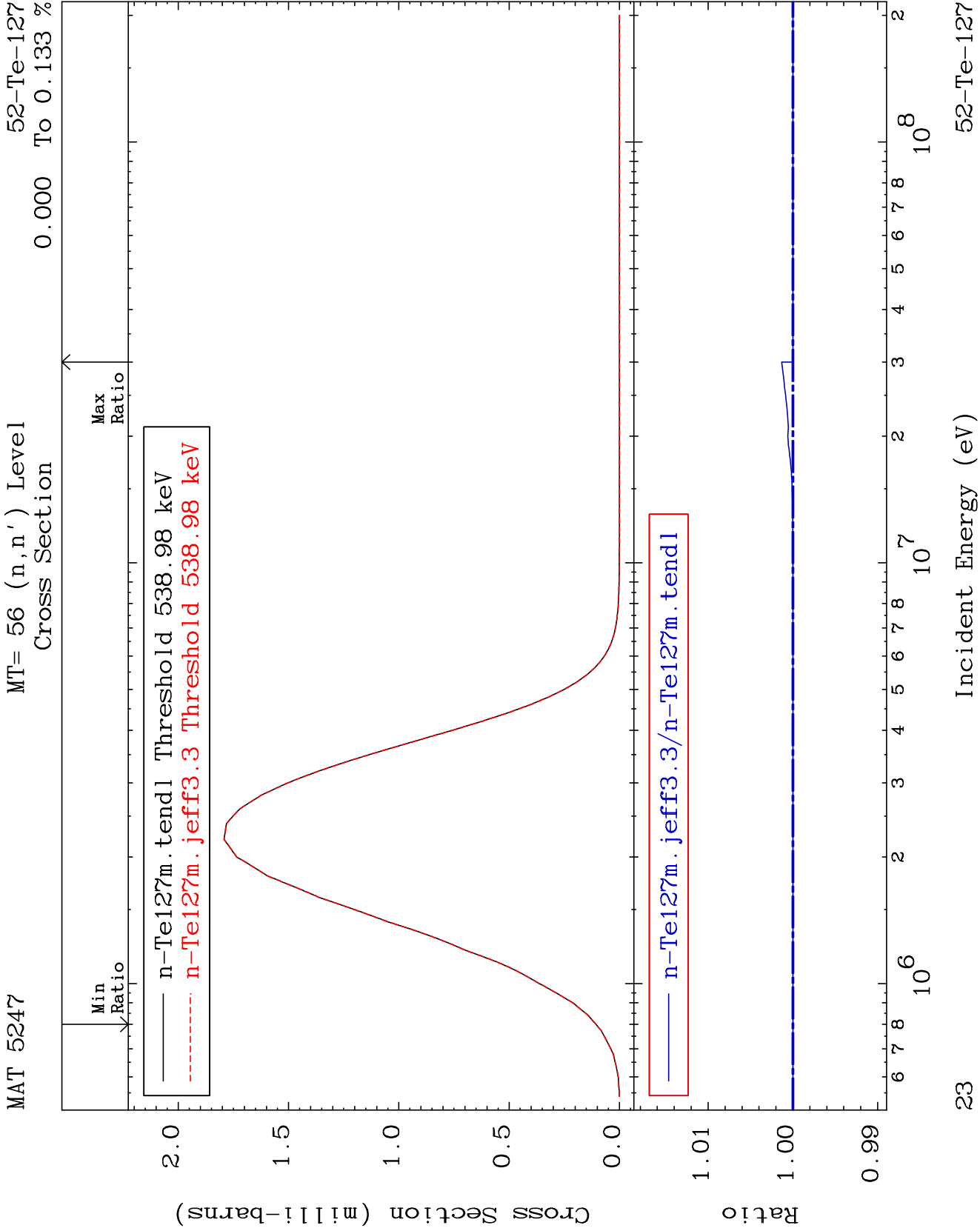
To 0.133 %

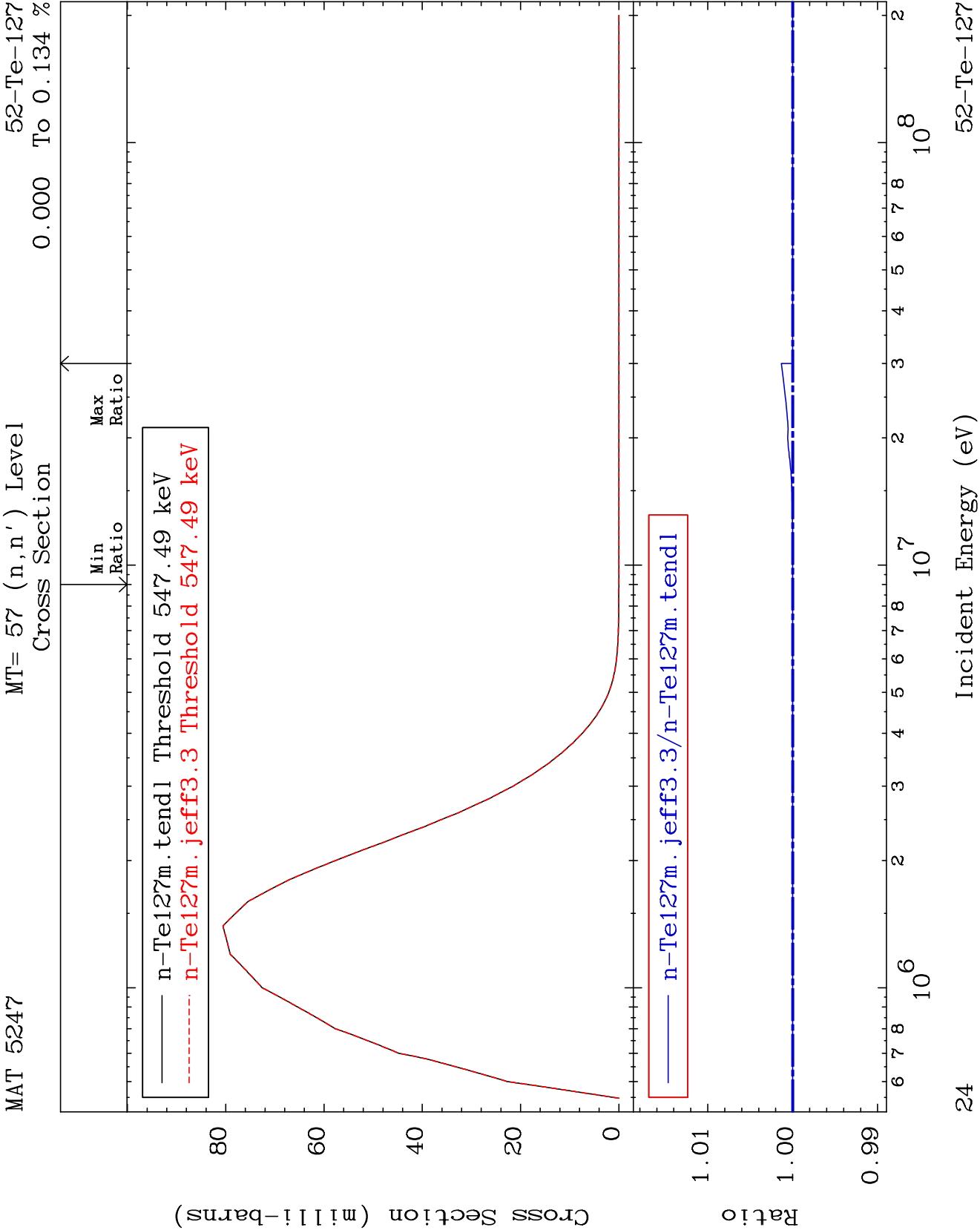


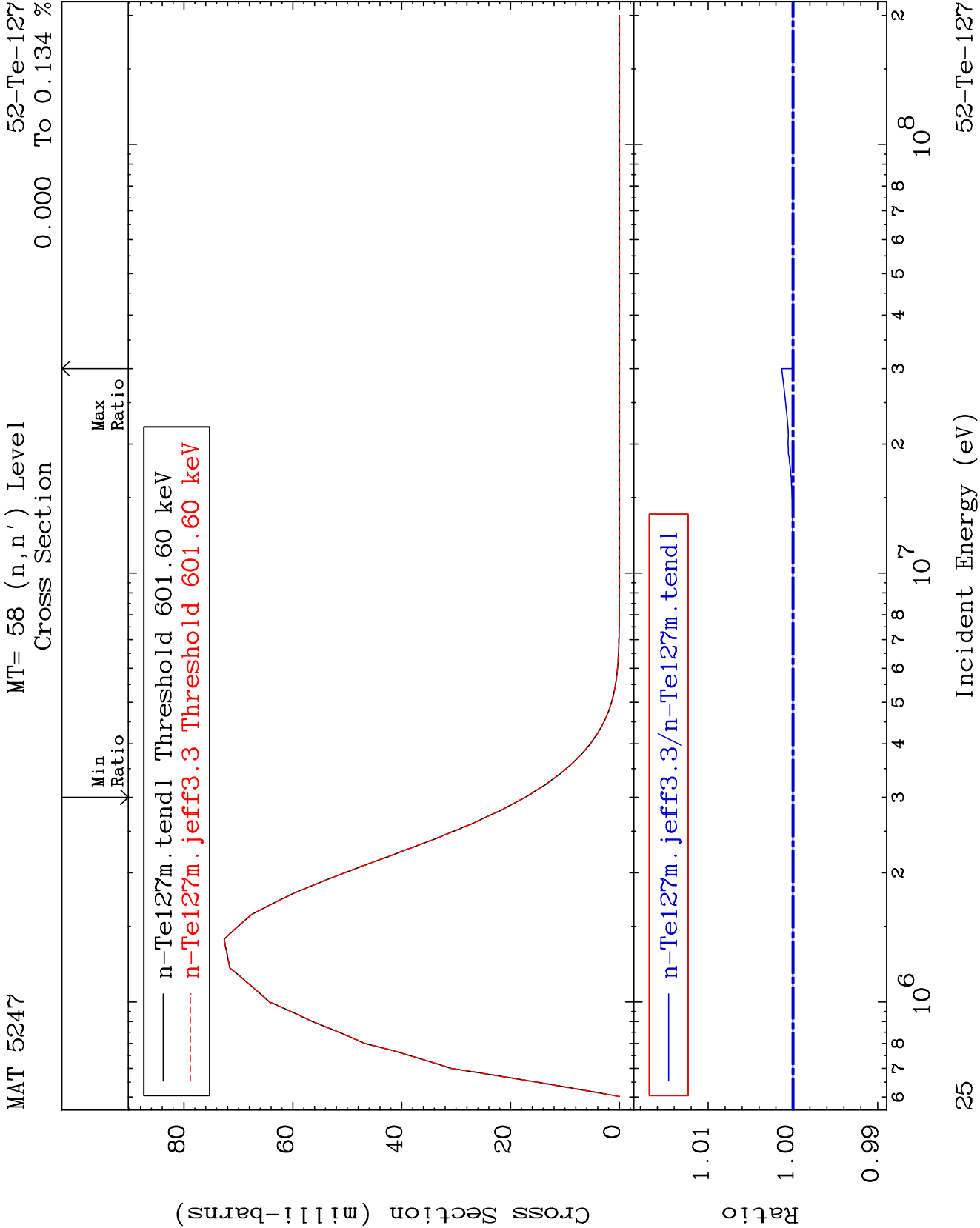
22

Incident Energy (eV)

52-Te-127







MAT 5247

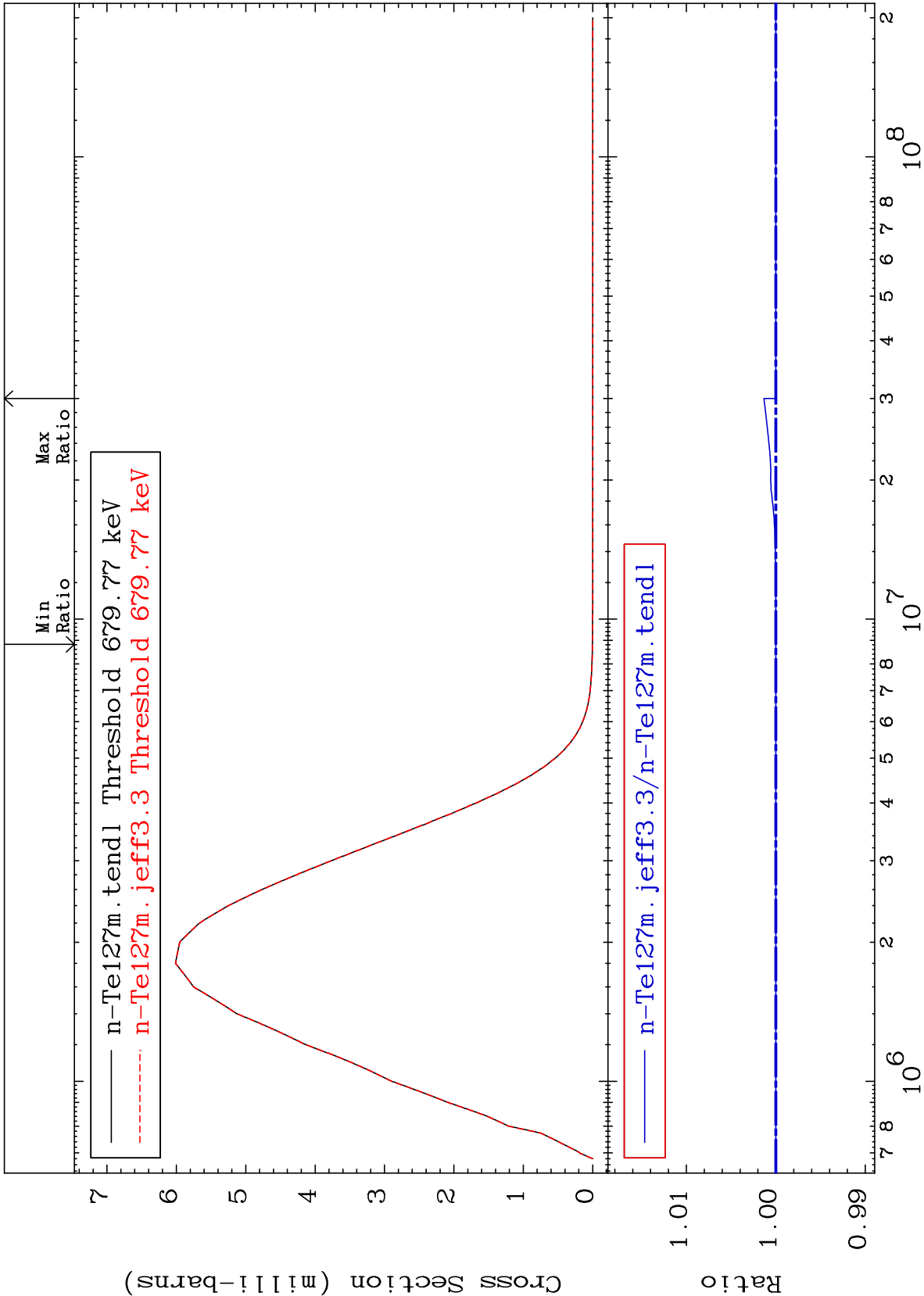
MT= 59 (n,n') Level

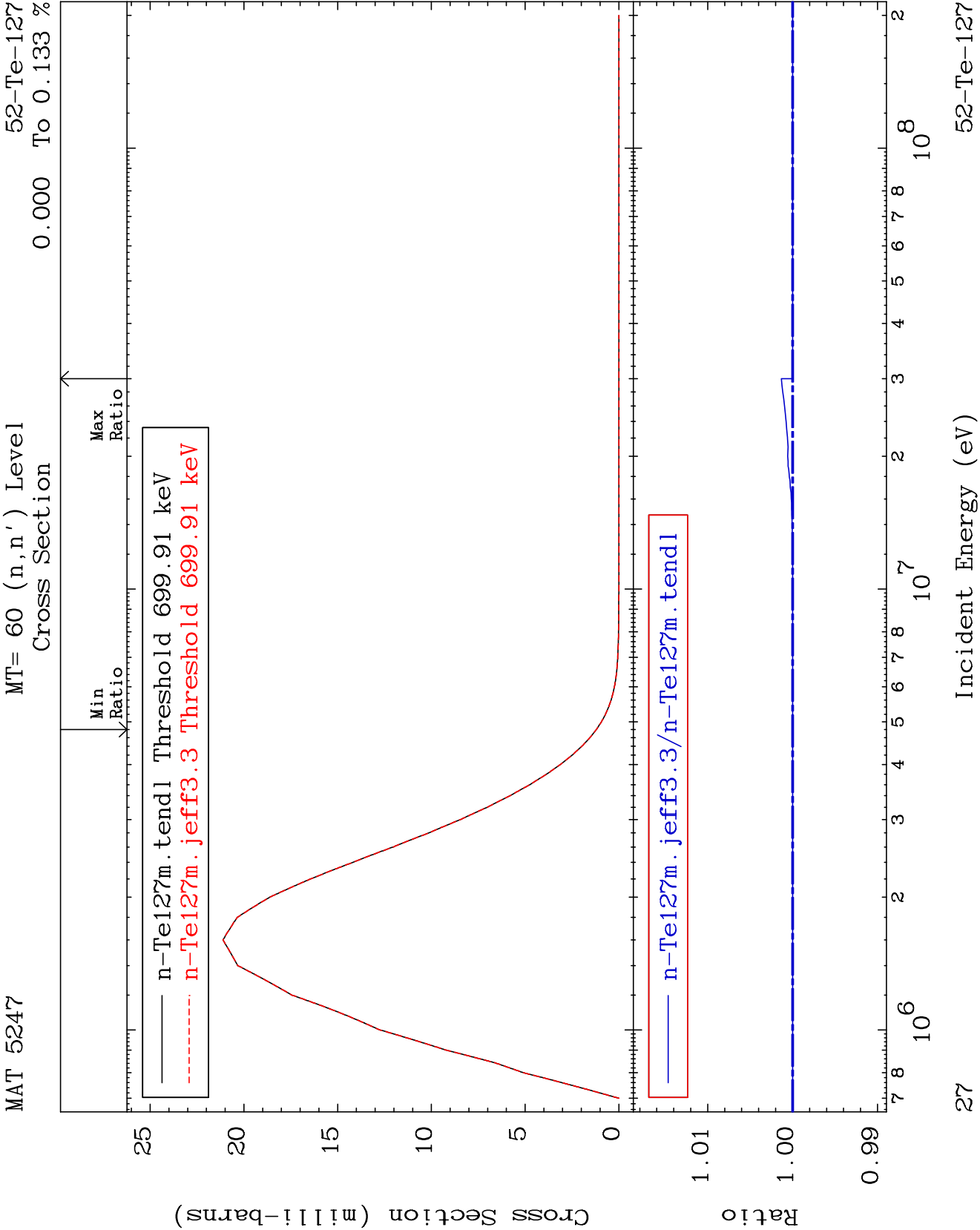
52-Te-127

Cross Section

0.000

To 0.133 %





MAT 5247

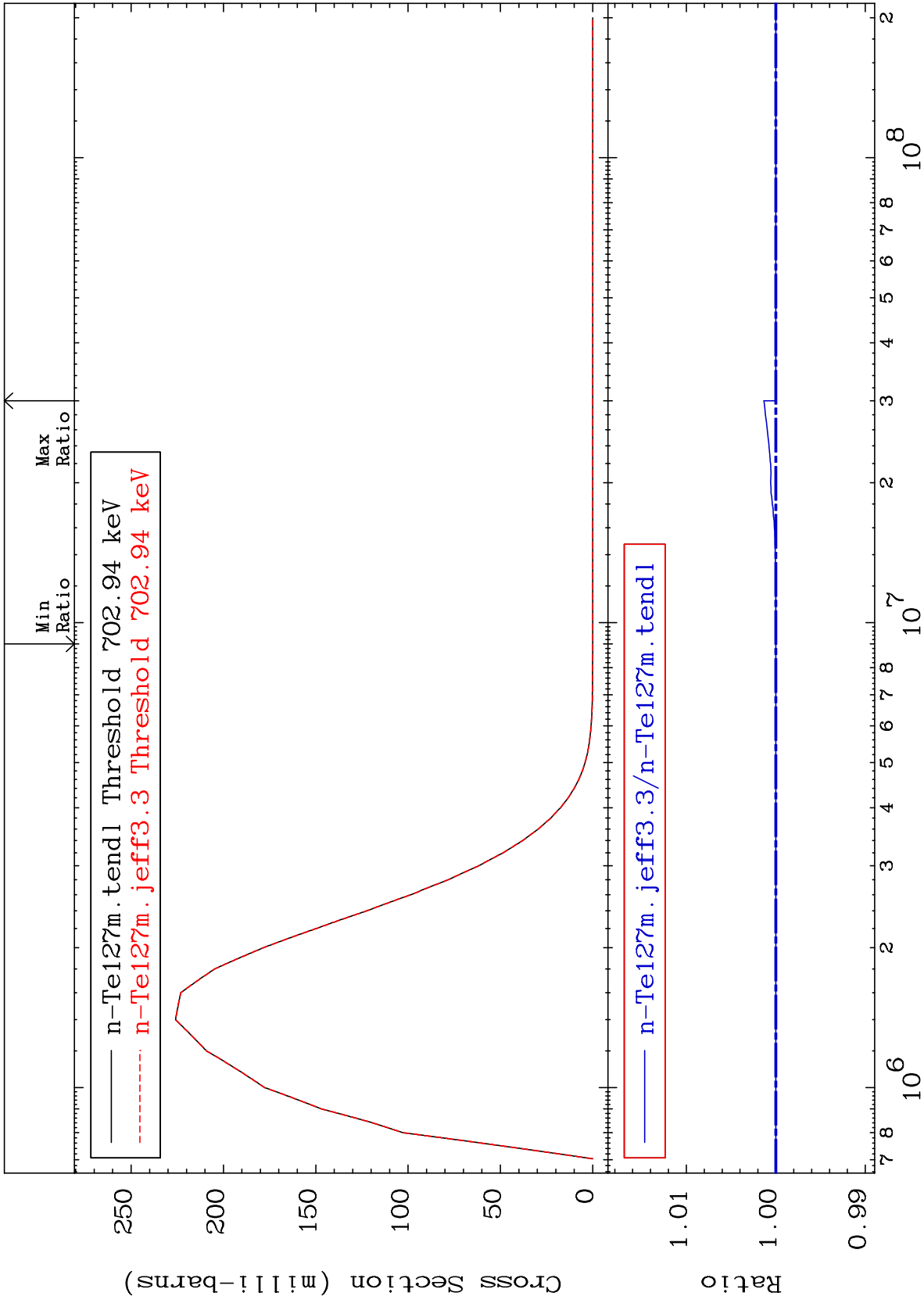
MT= 61 (n,n') Level

52-Te-127

Cross Section

0.000

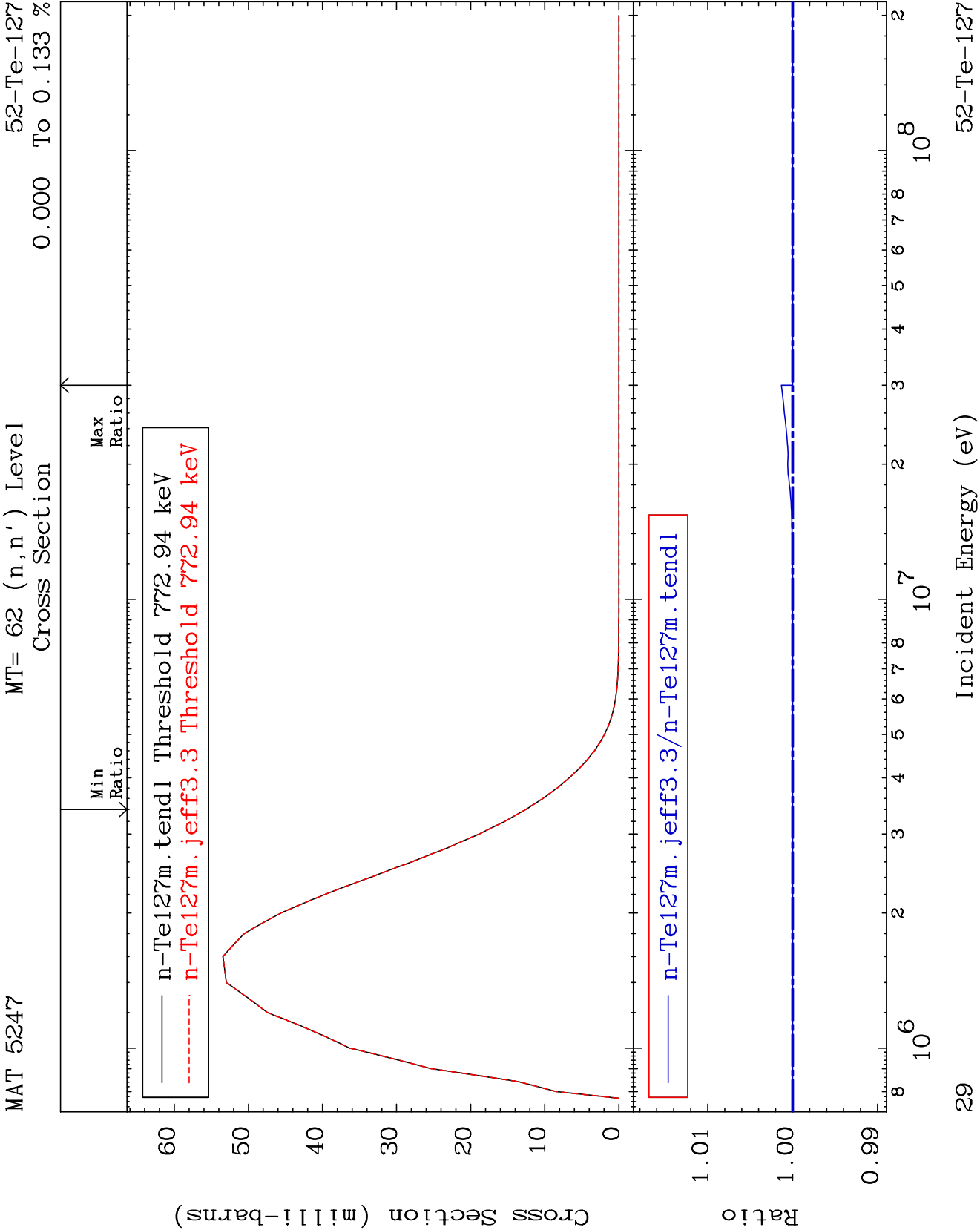
To 0.133 %

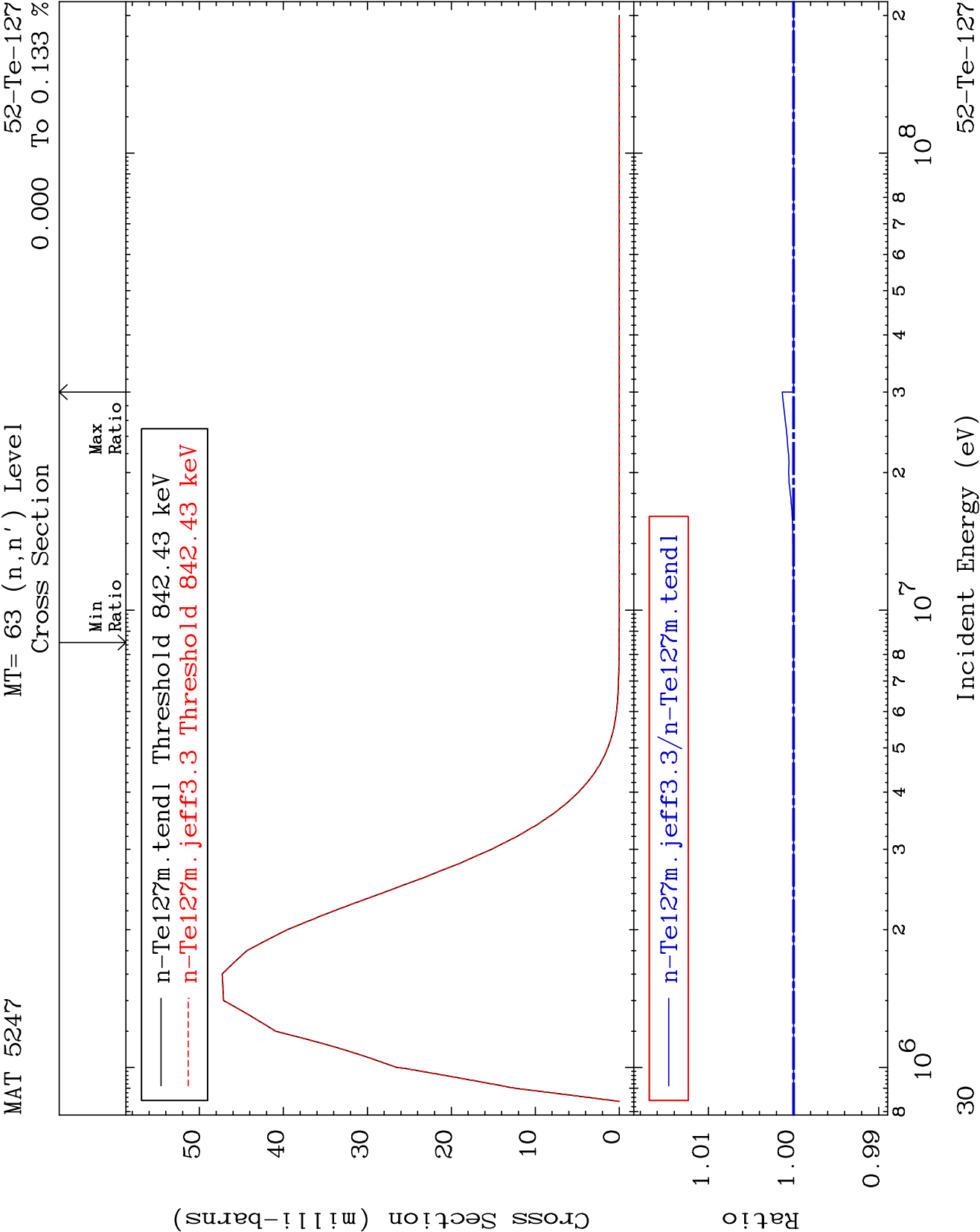


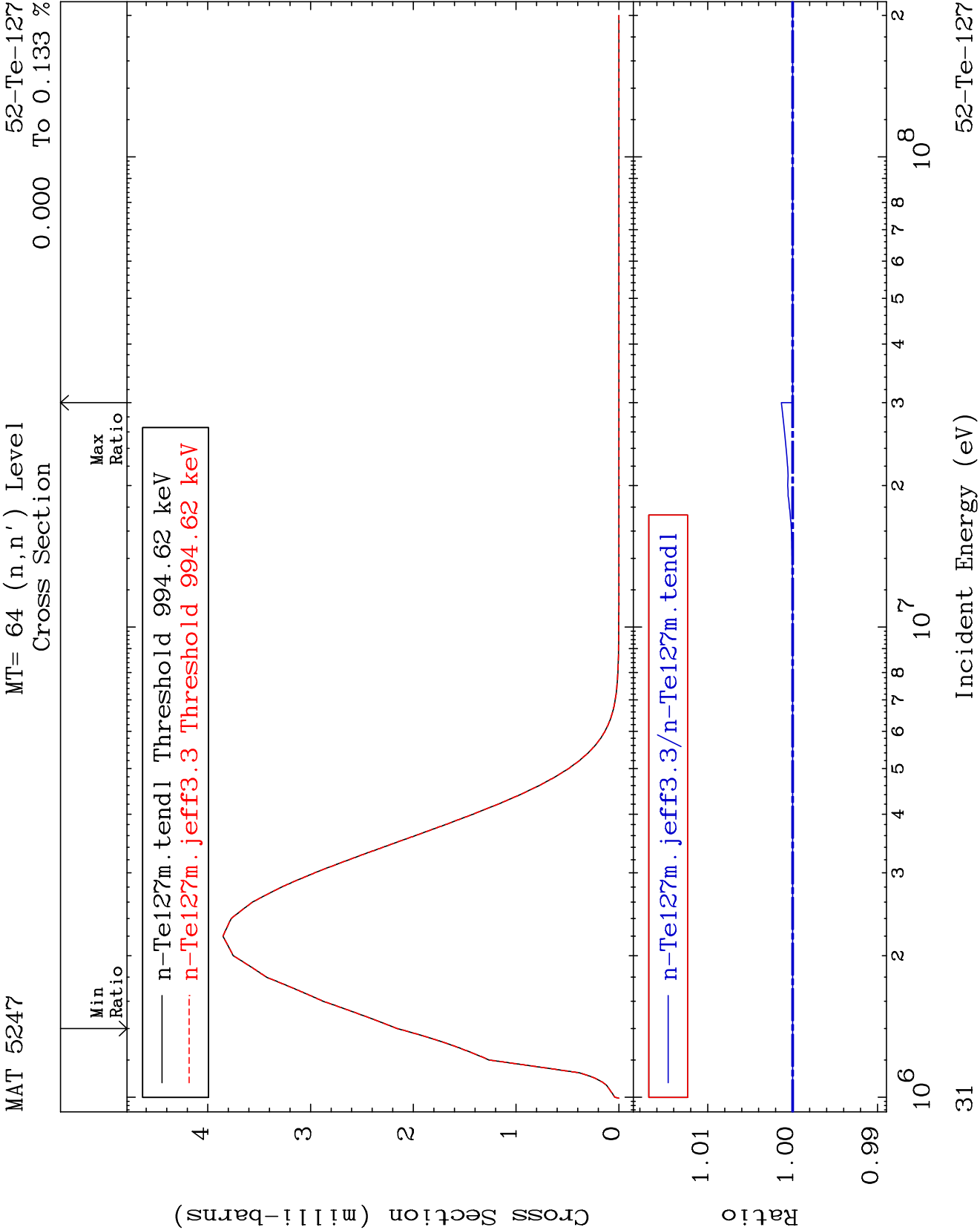
28

Incident Energy (eV)

52-Te-127







MAT 5247

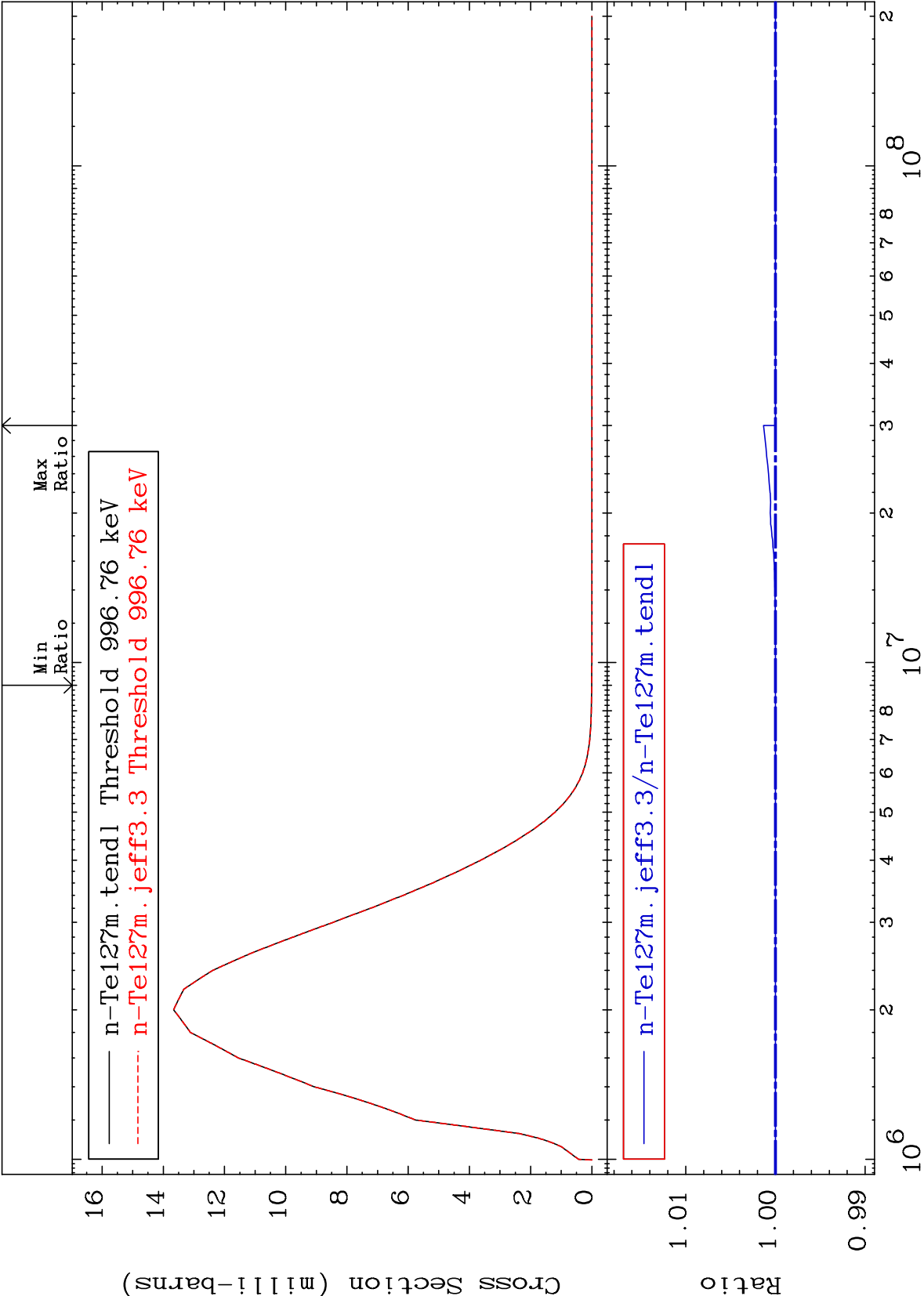
MT= 65 (n,n') Level

52-Te-127

Cross Section

0.000

To 0.133 %



MAT 5247

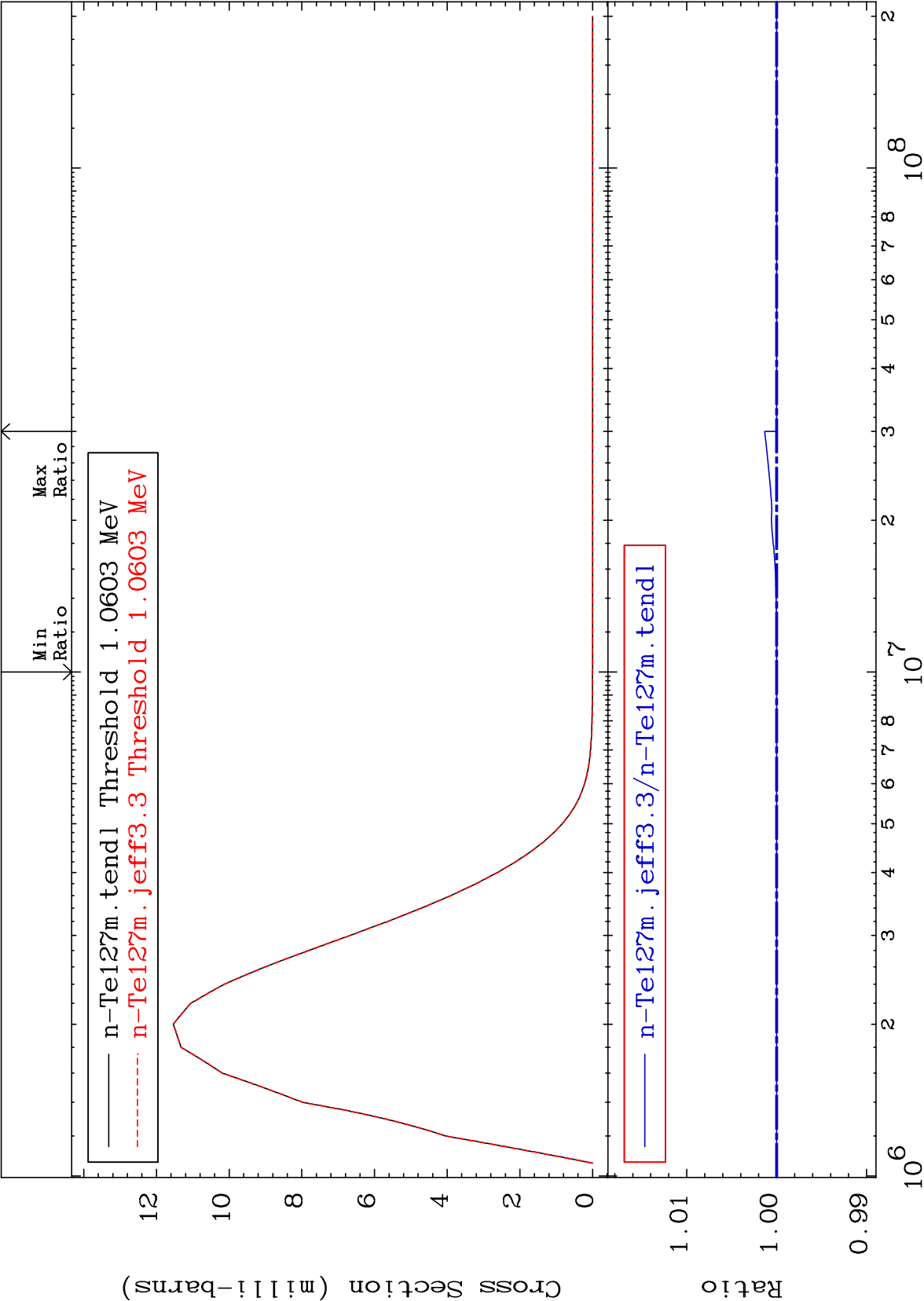
MT= 66 (n,n') Level

52-Te-127

Cross Section

0.000

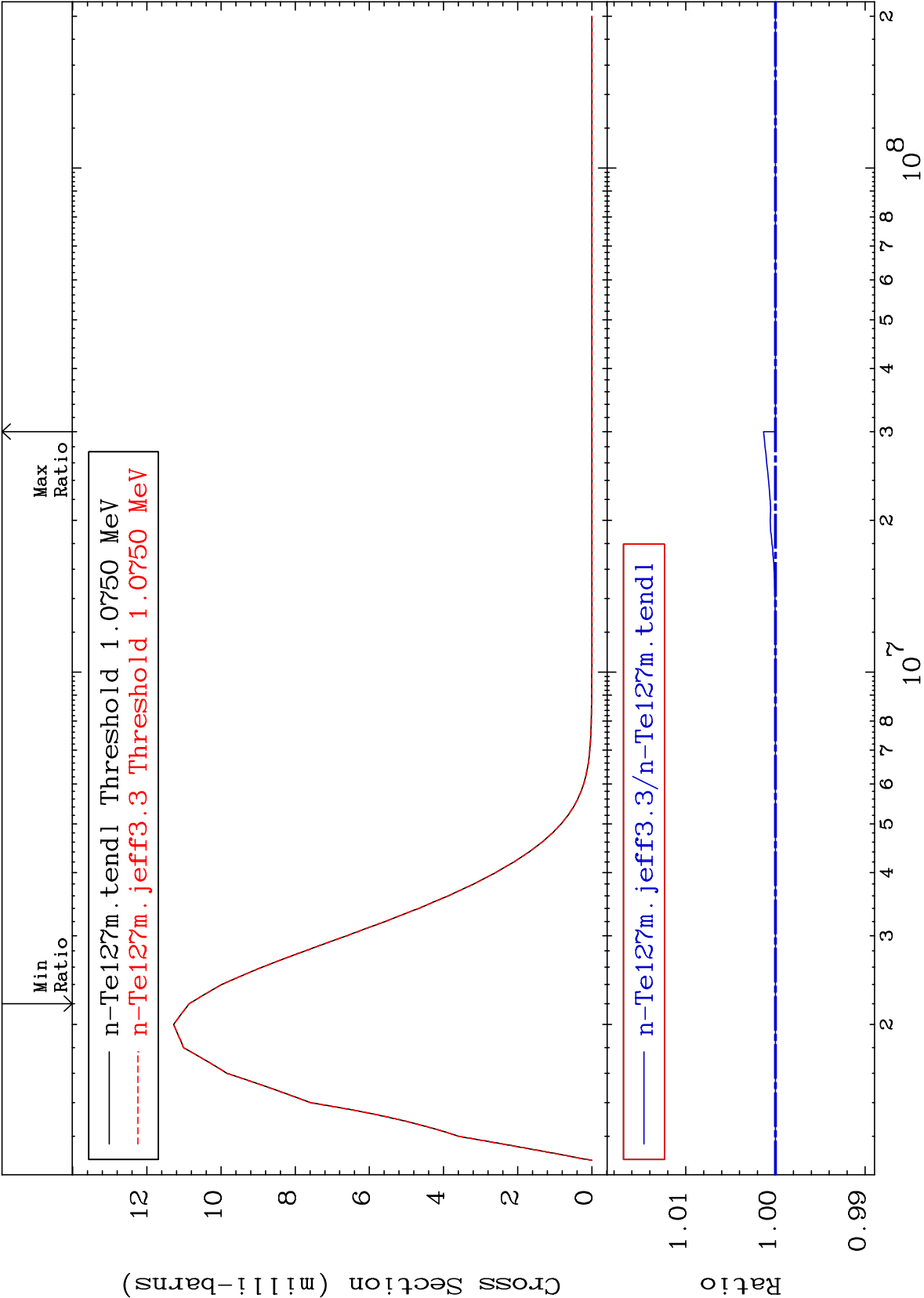
To 0.134 %



MAT 5247

MT= 67 (n,n') Level
Cross Section

52-Te-127
0.000 To 0.133 %



MAT 5247

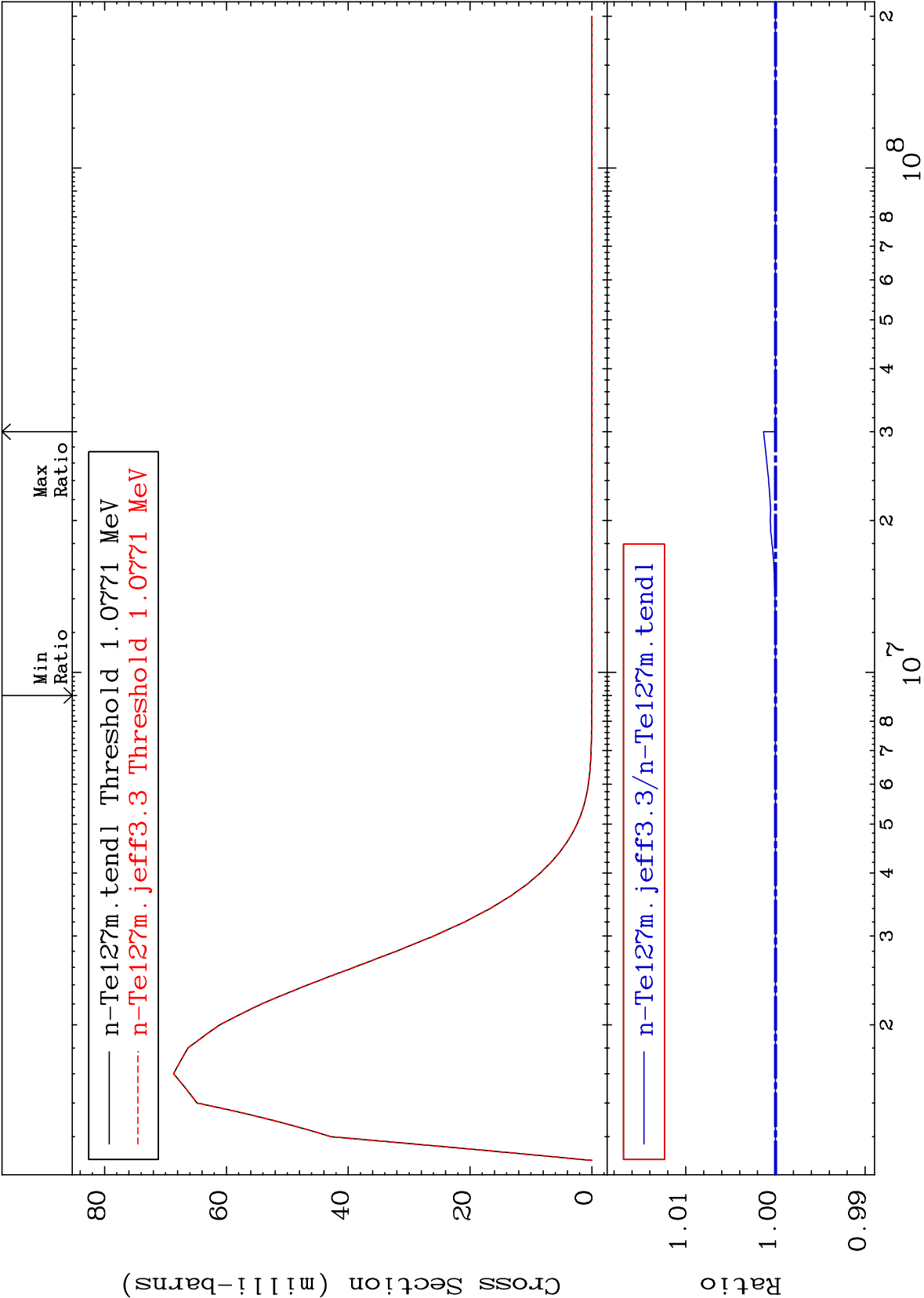
MT= 68 (n,n') Level

52-Te-127

Cross Section

0.000

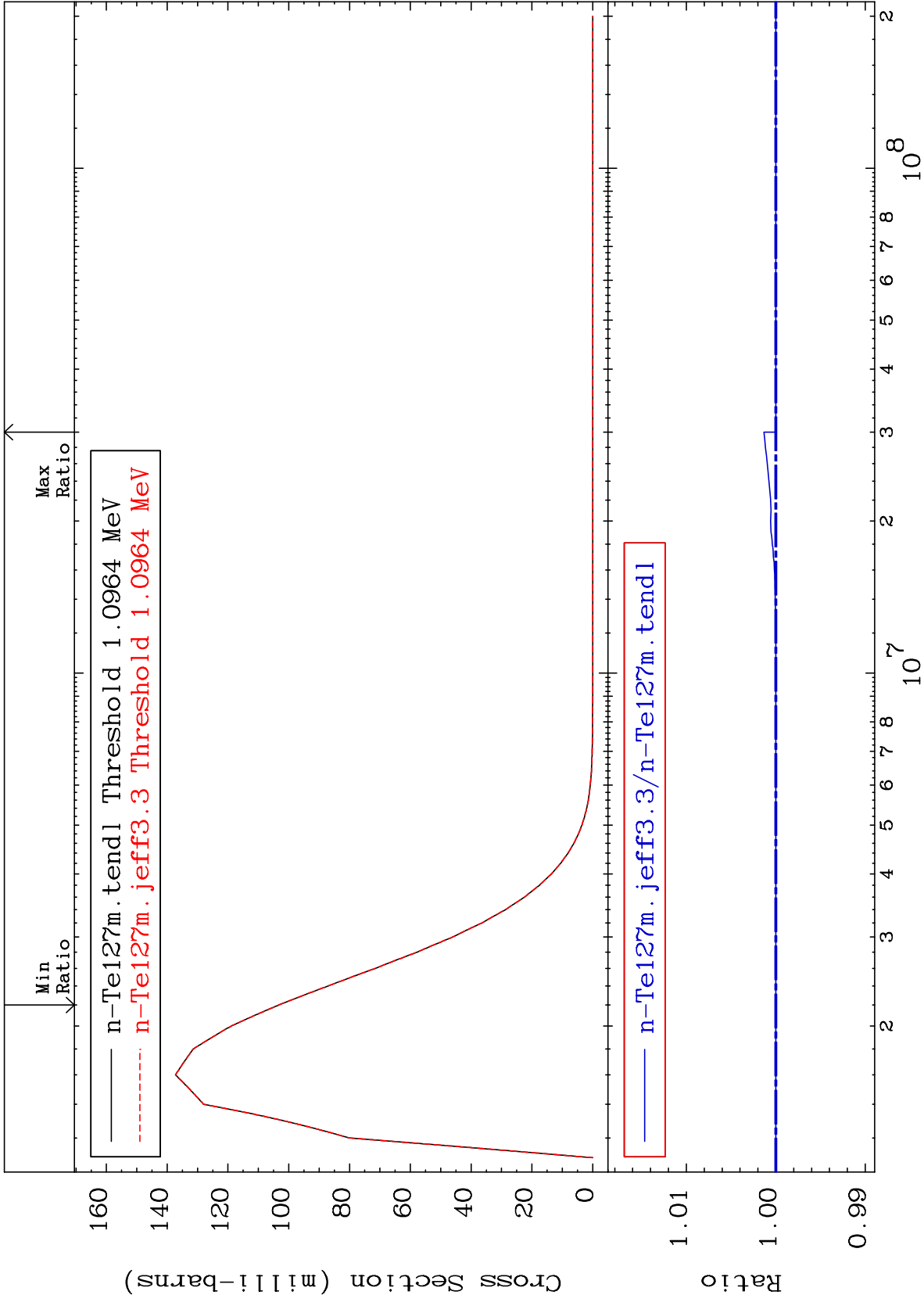
To 0.134 %

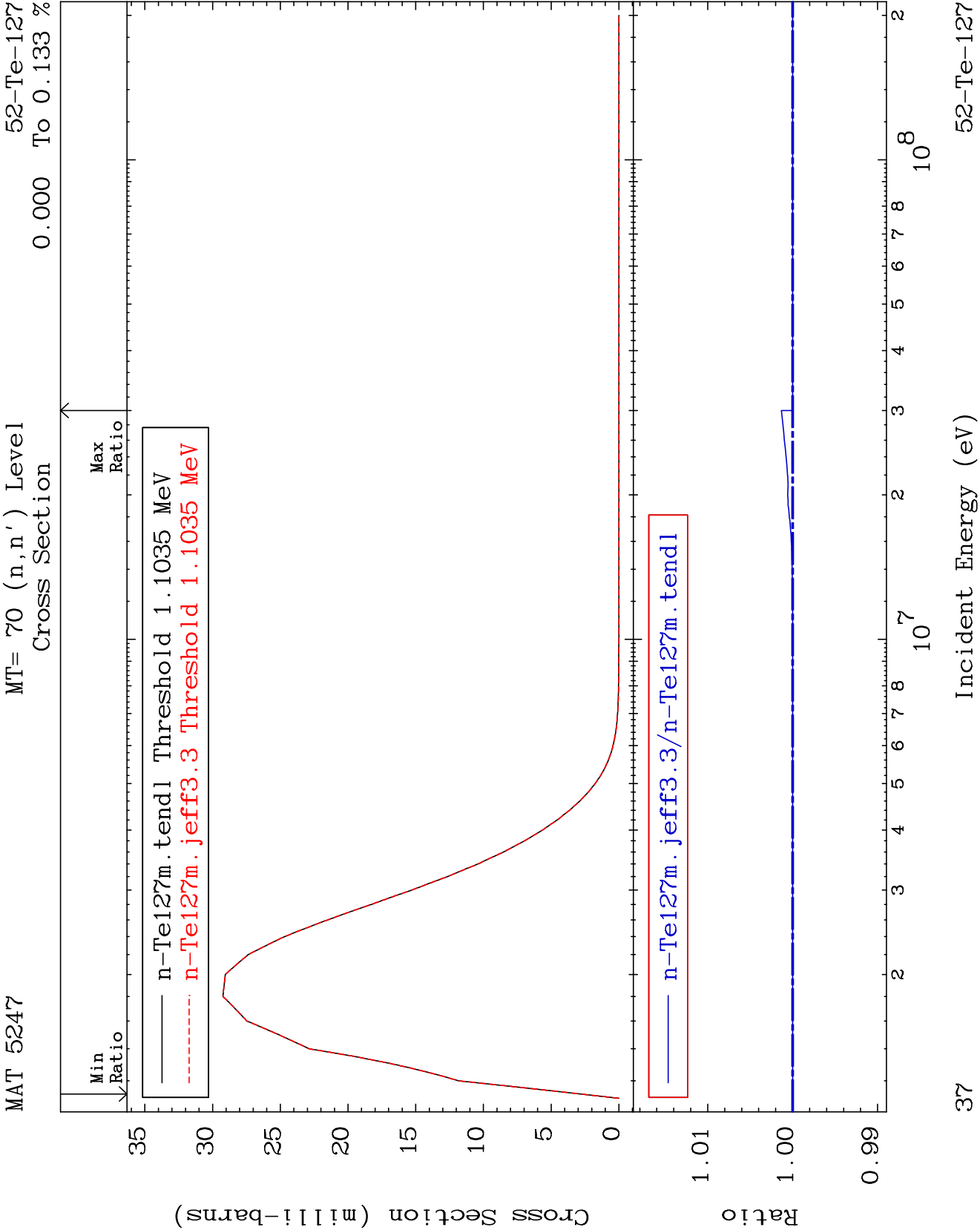


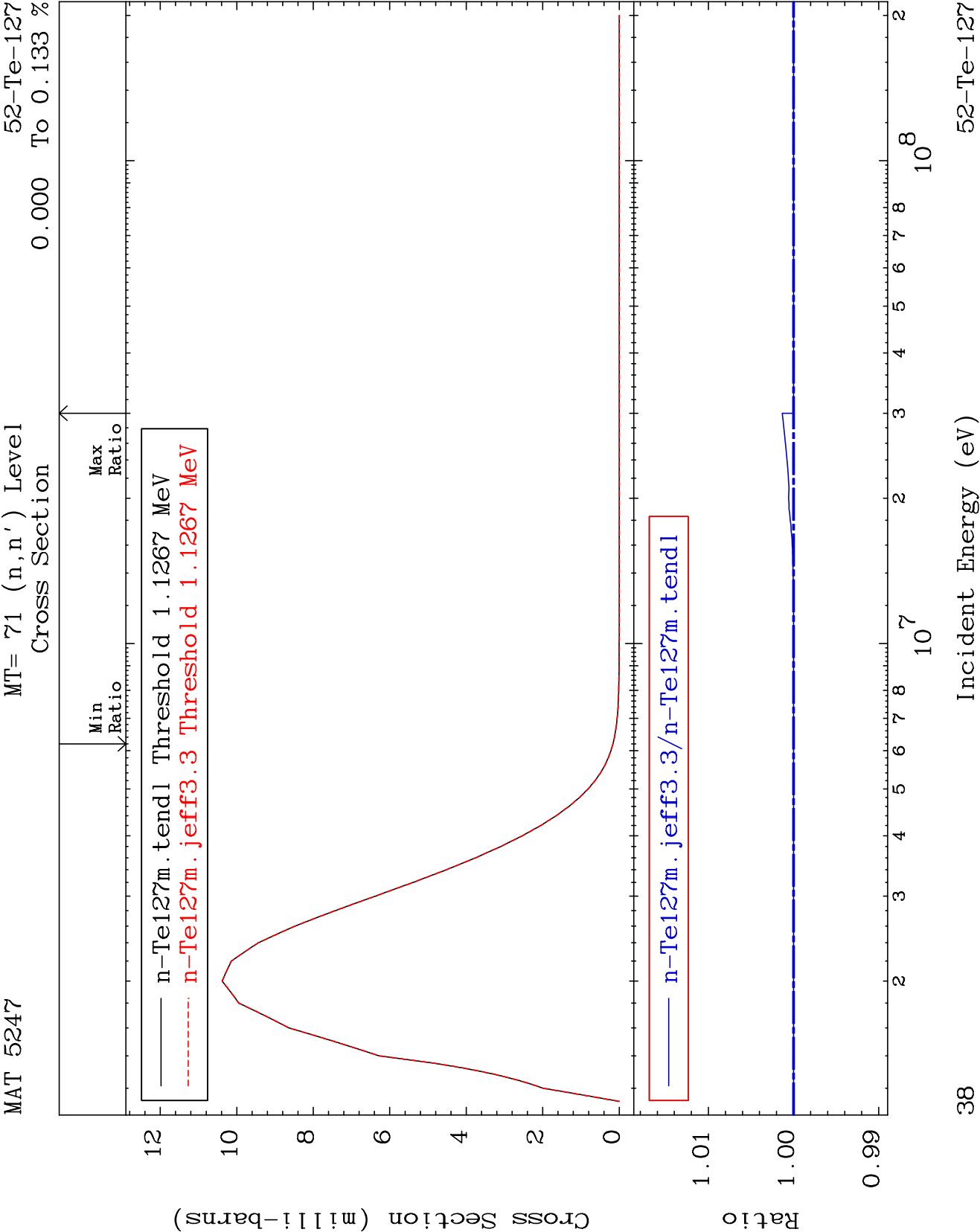
35

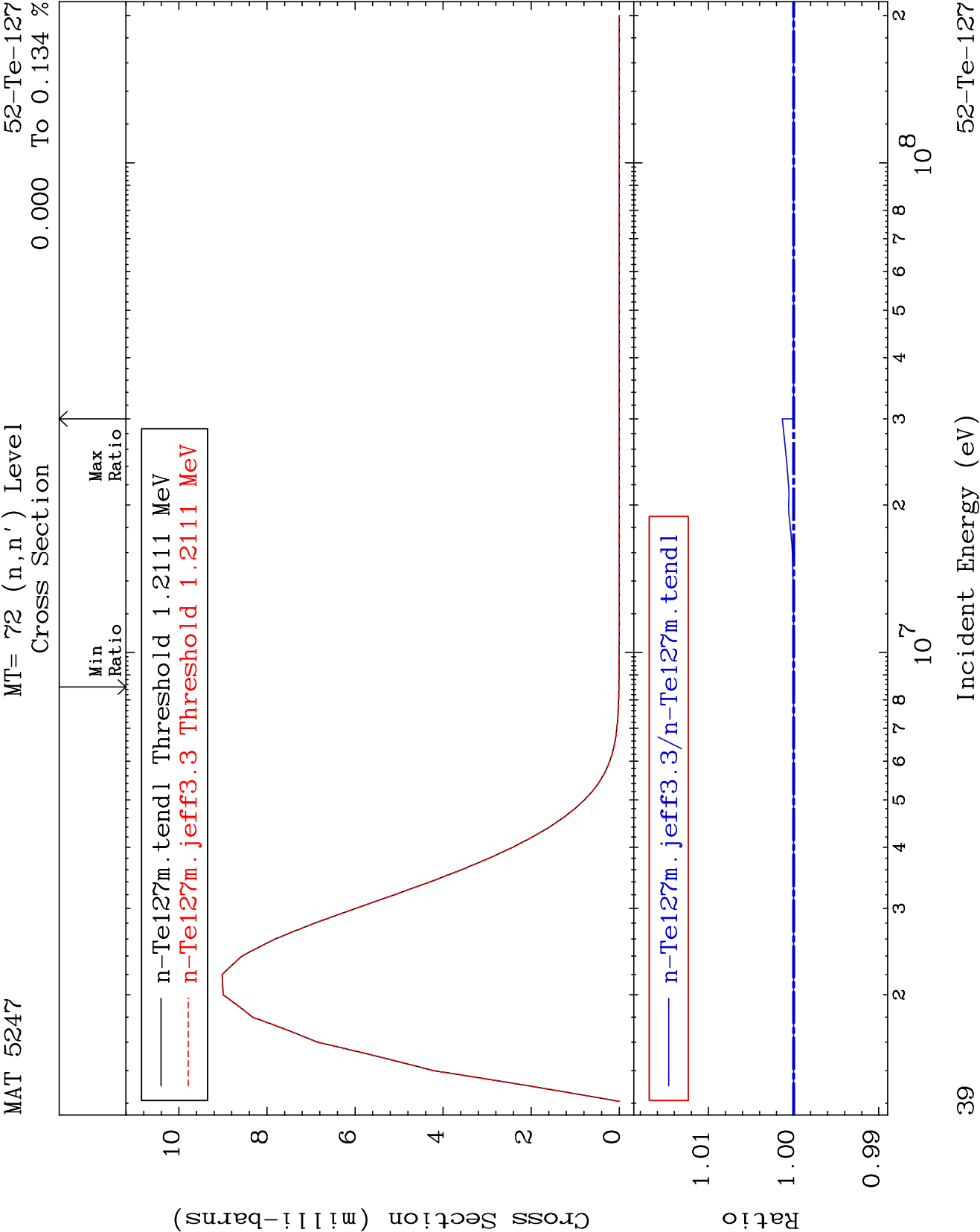
Incident Energy (eV)

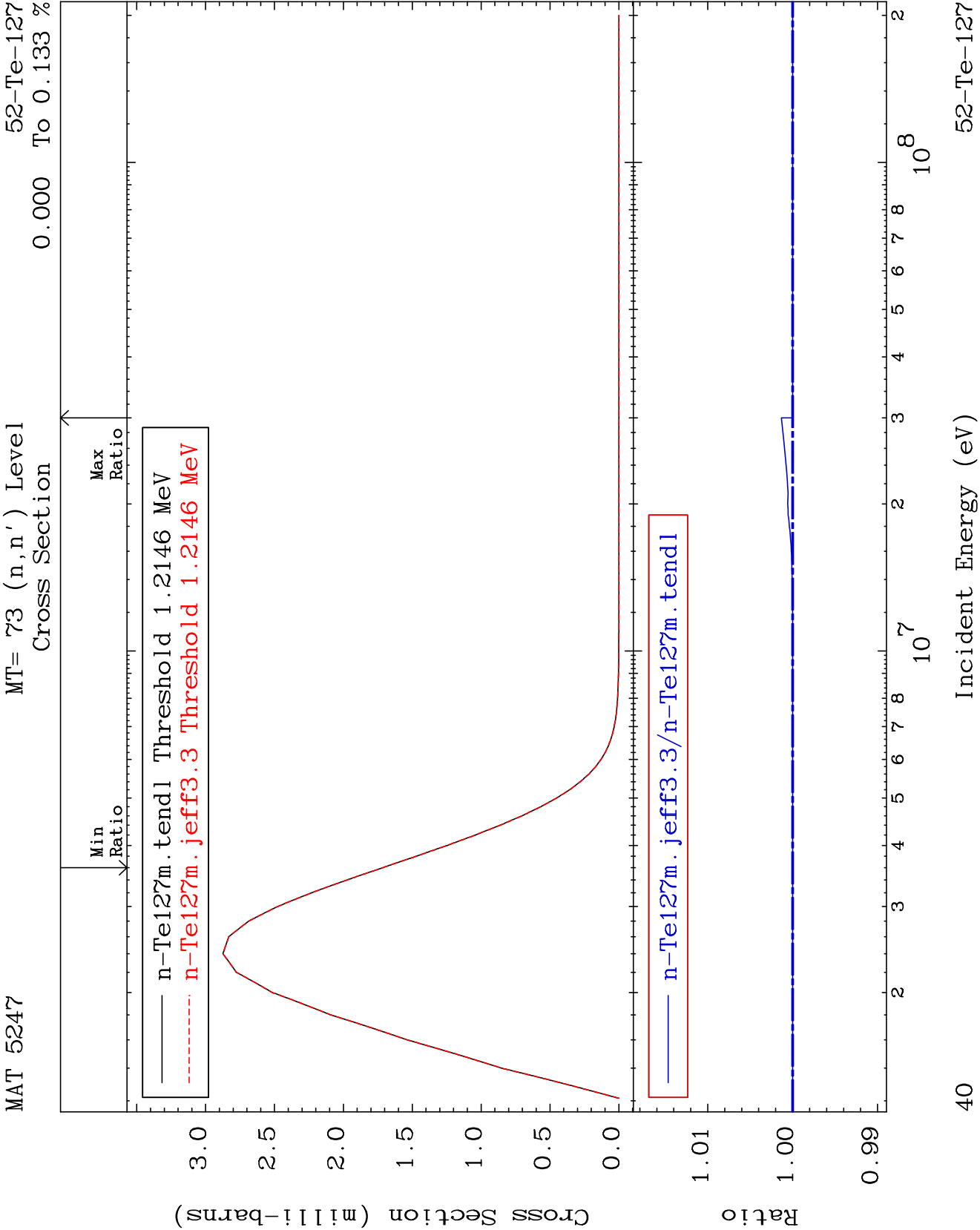
52-Te-127

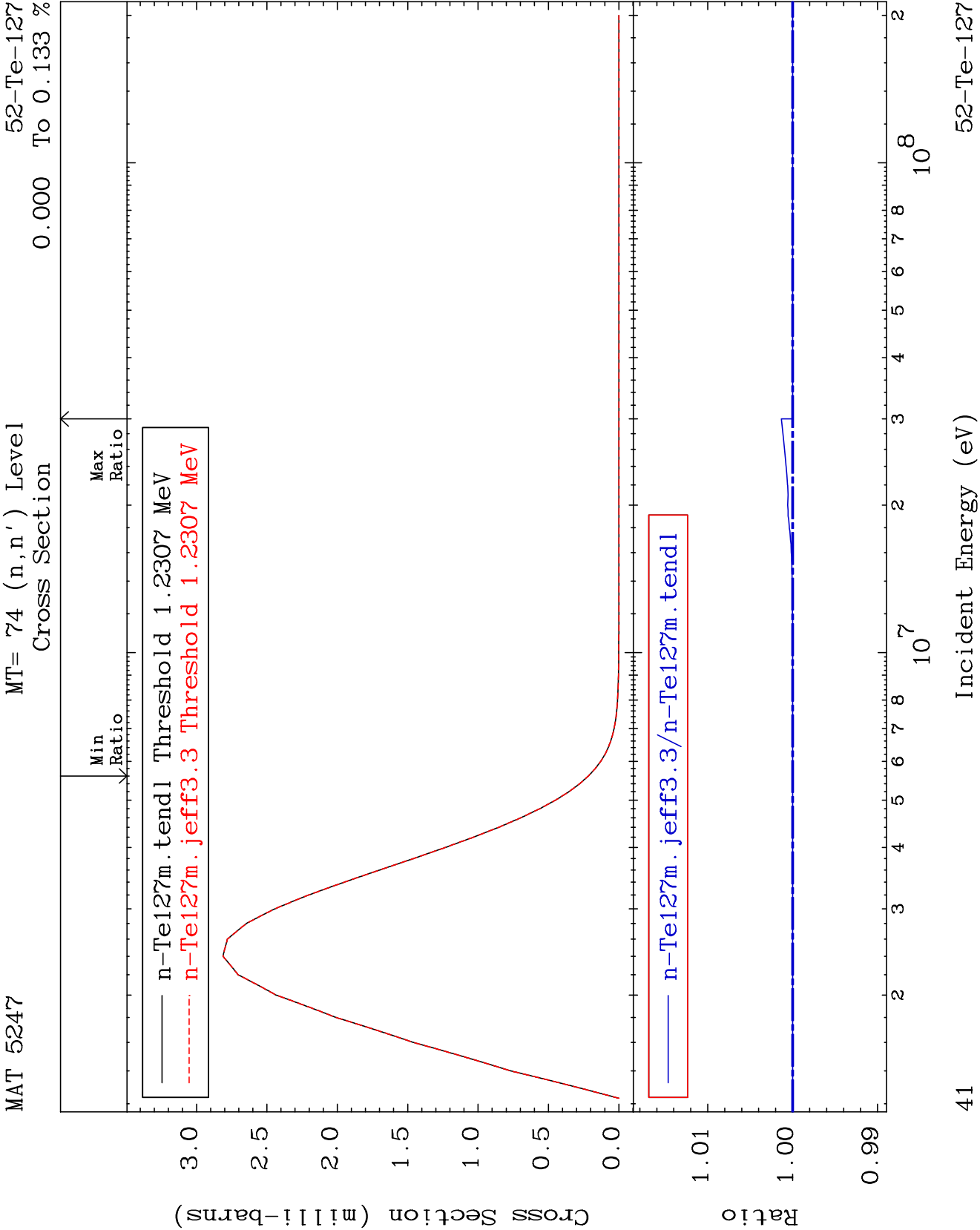


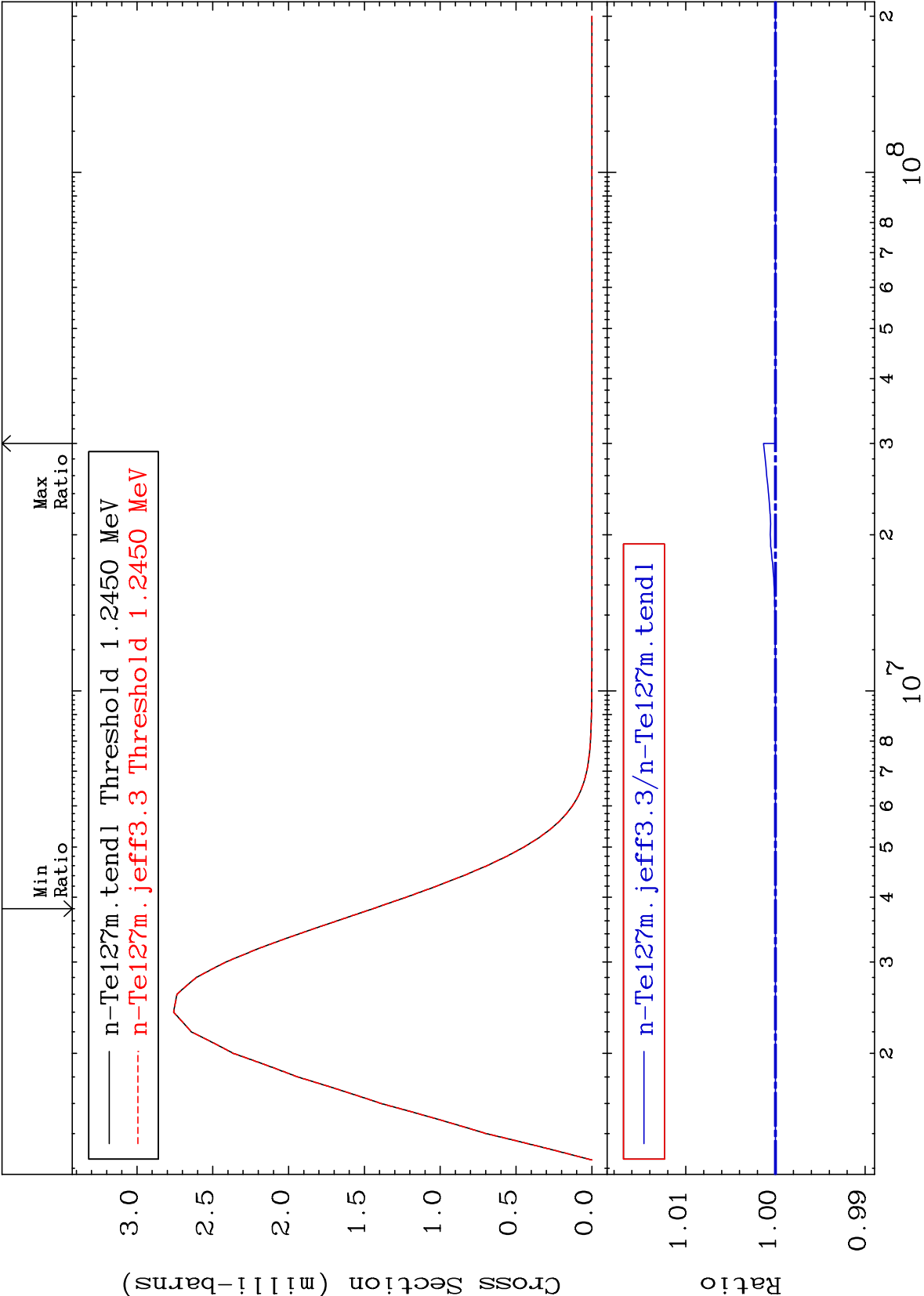








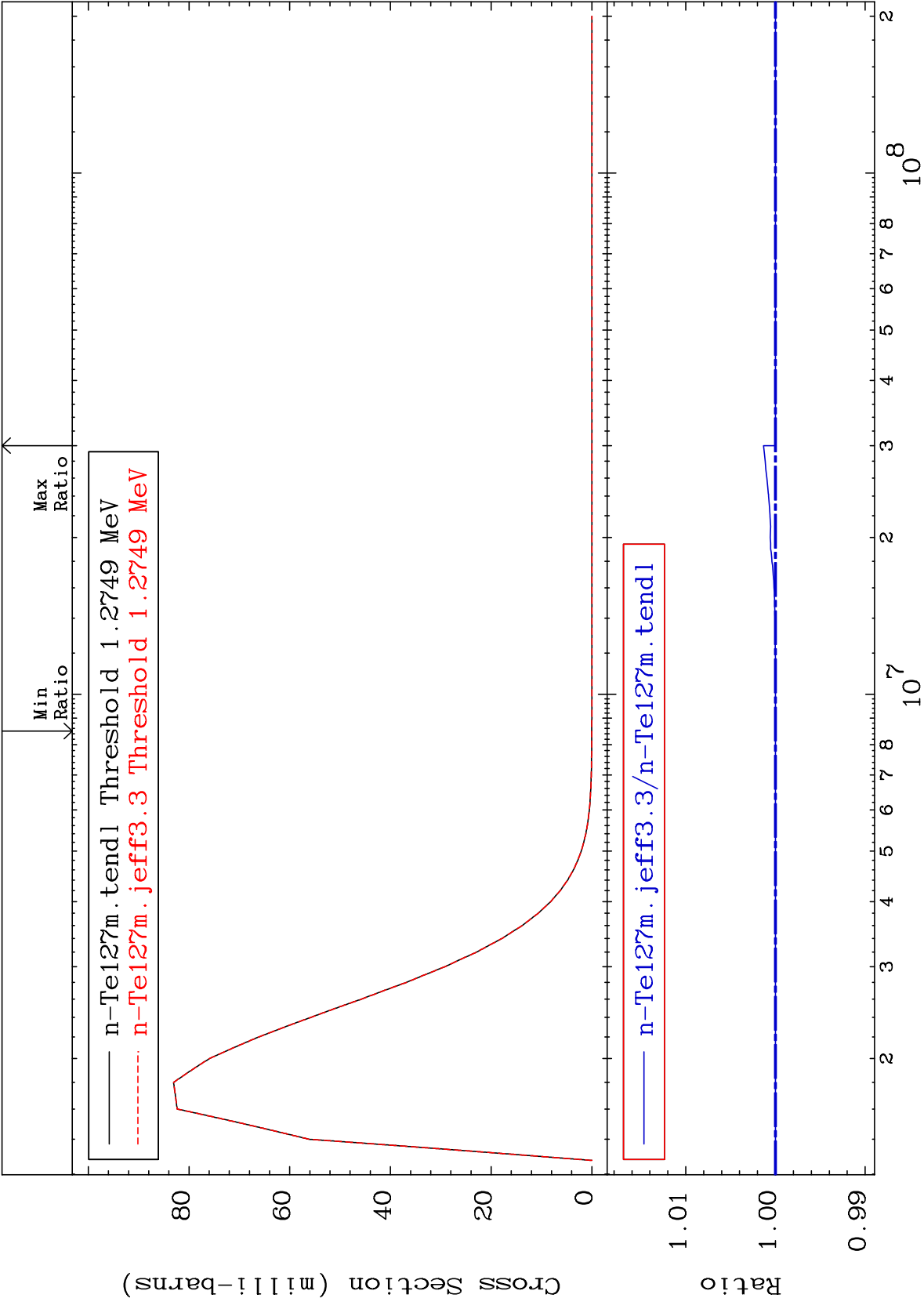


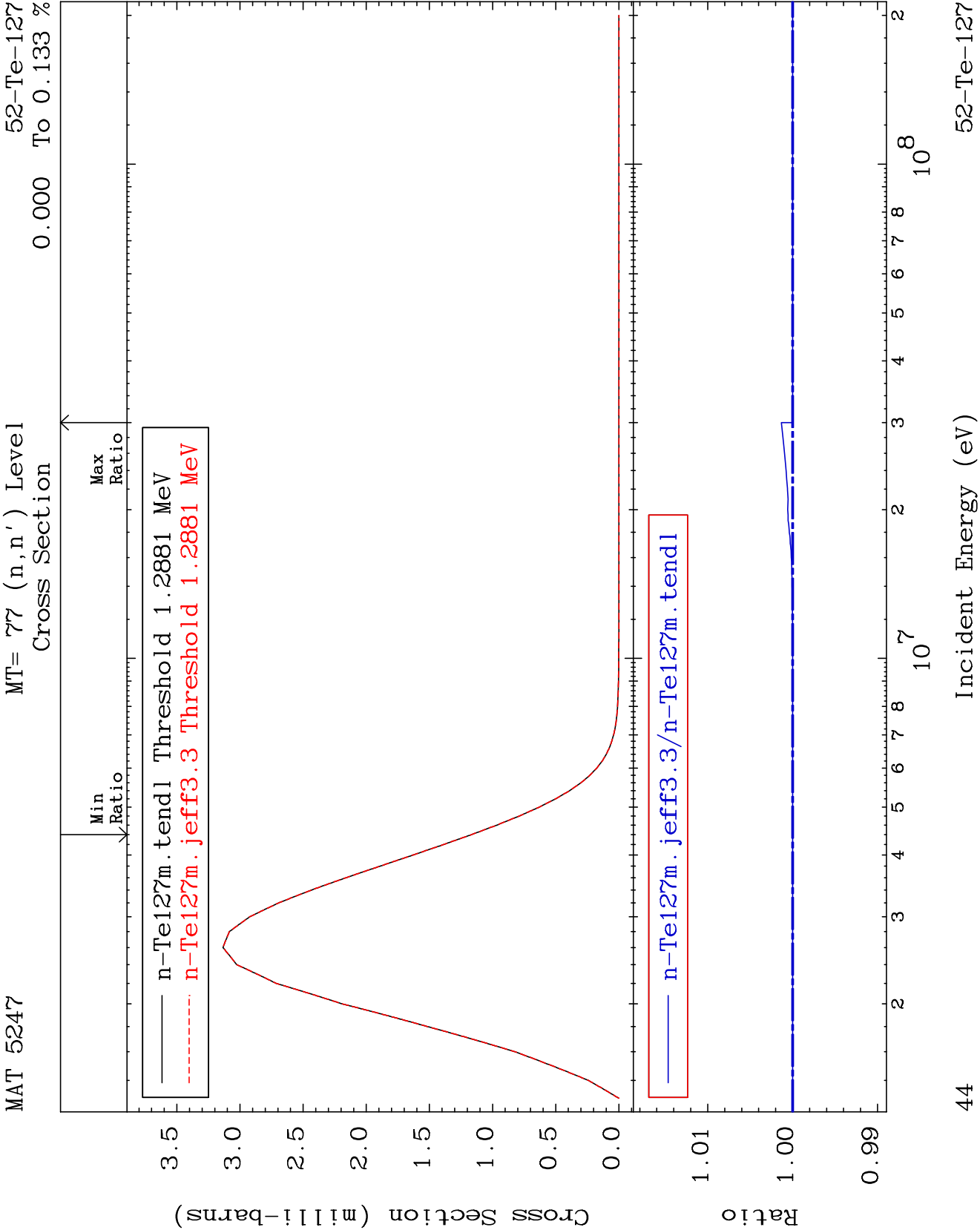


MAT 5247

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

52-Te-127
0.000 To 0.133 %





MAT 5247

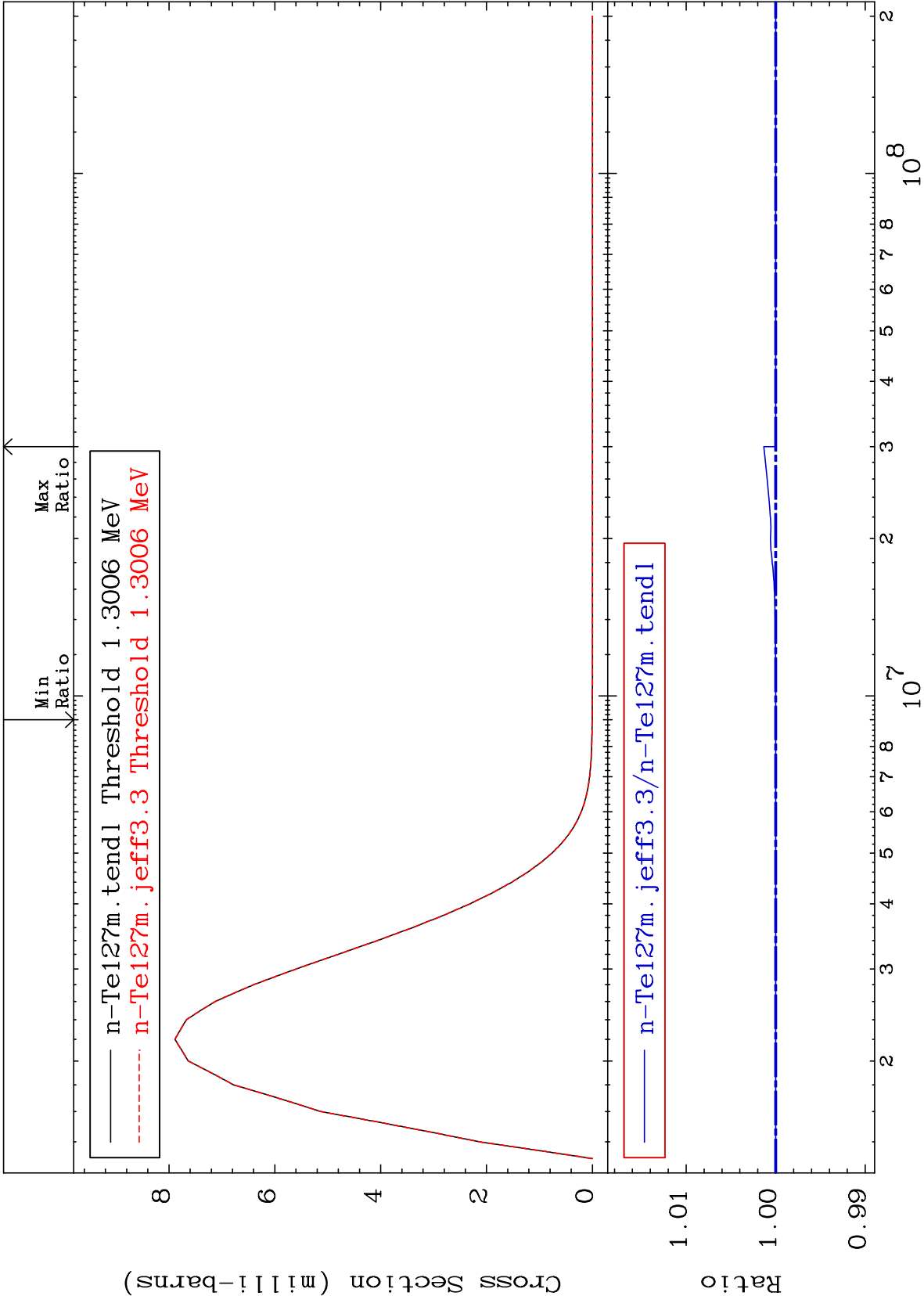
MT= 78 (n,n') Level

52-Te-127

Cross Section

0.000

To 0.133 %



45

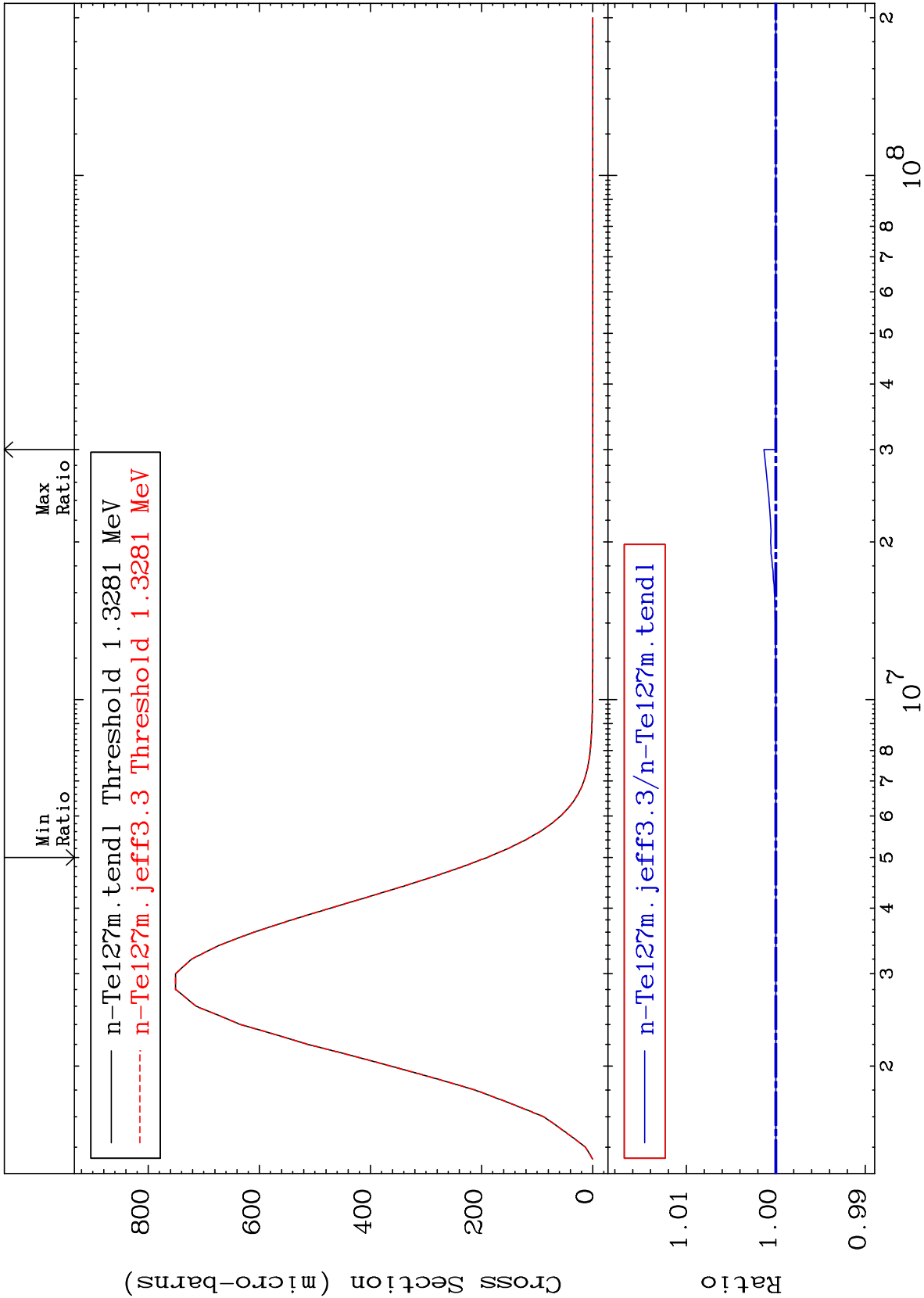
Incident Energy (eV)

52-Te-127

MAT 5247

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

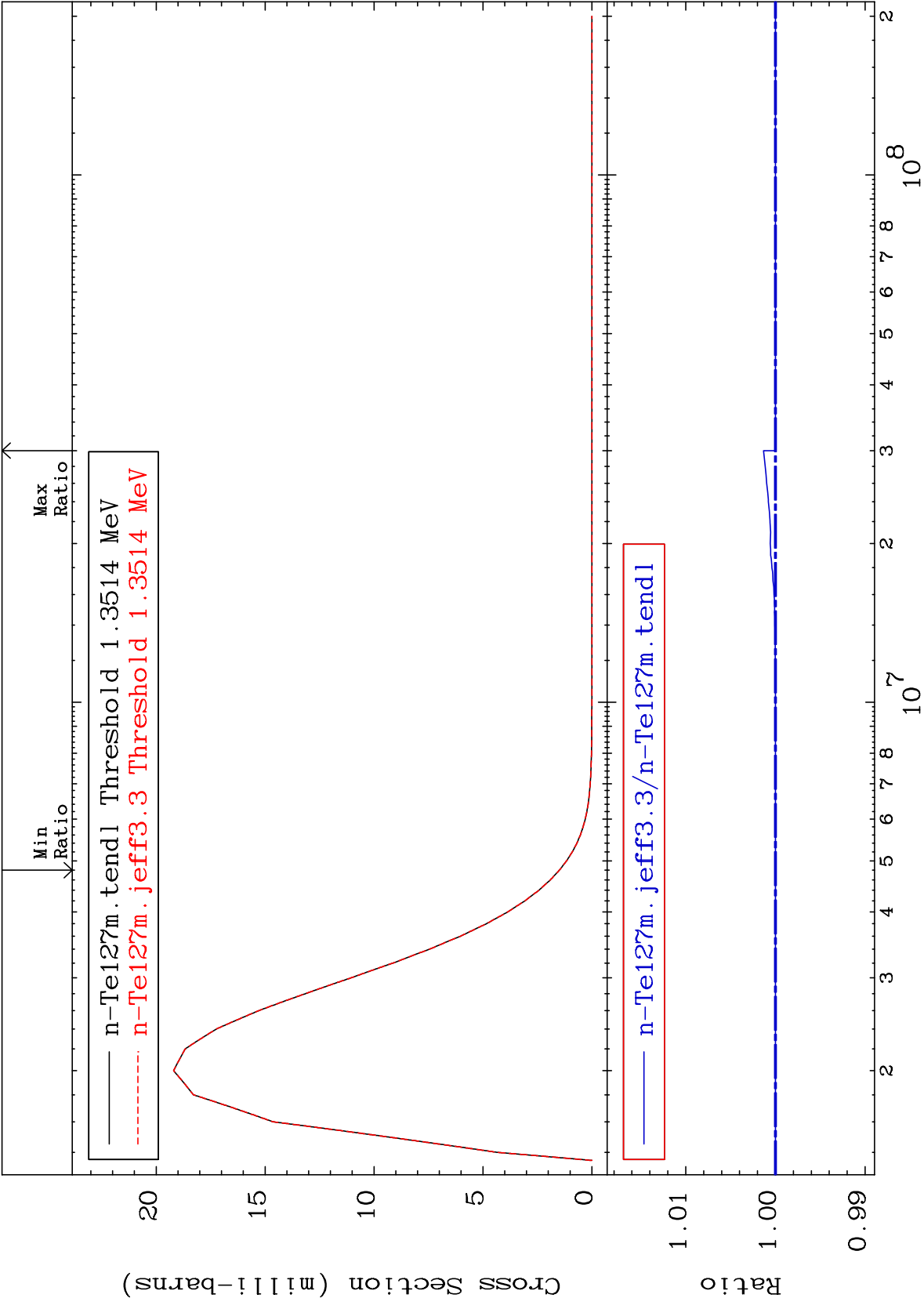
52-Te-127
0.000 To 0.133 %

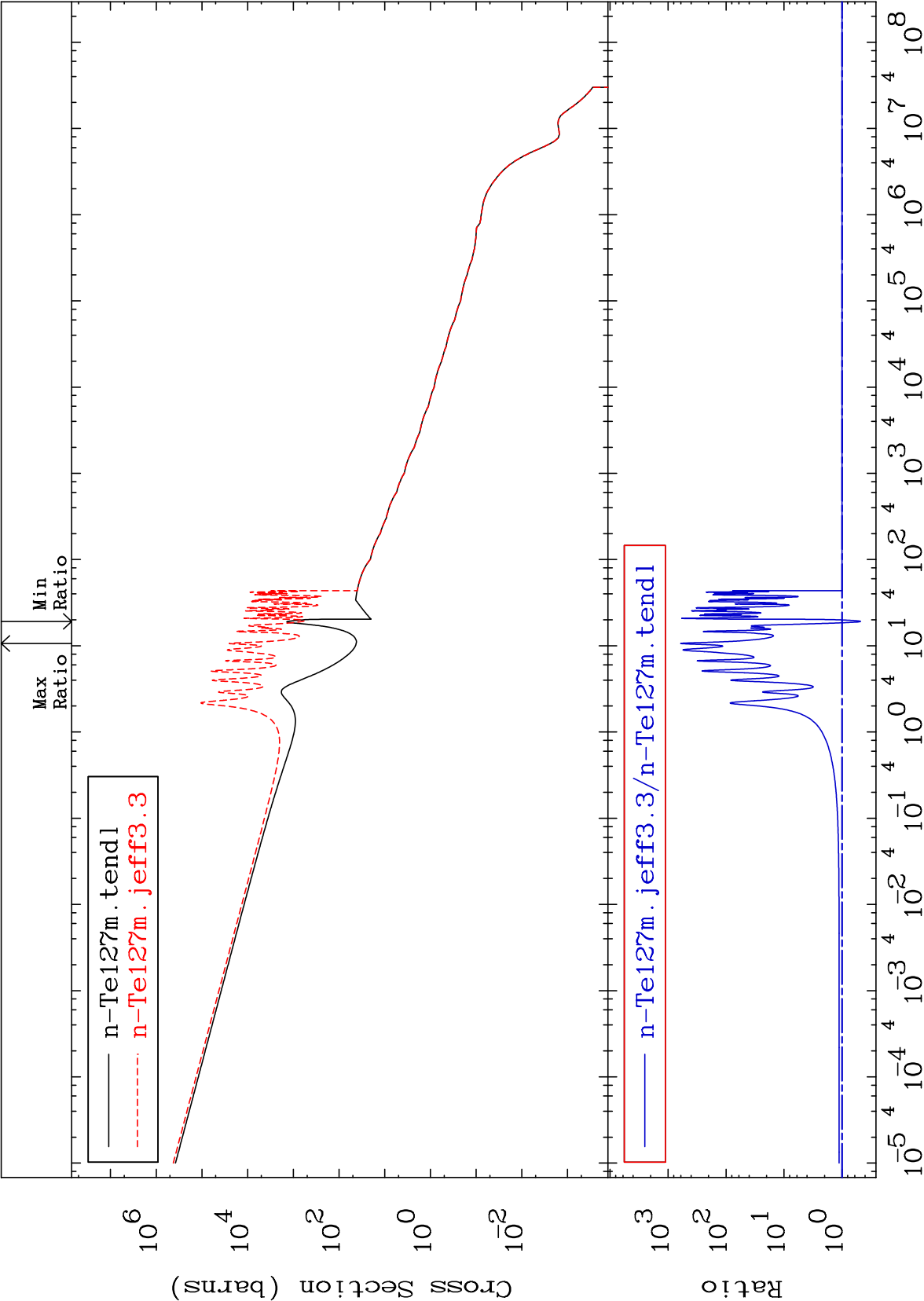


MAT 5247

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

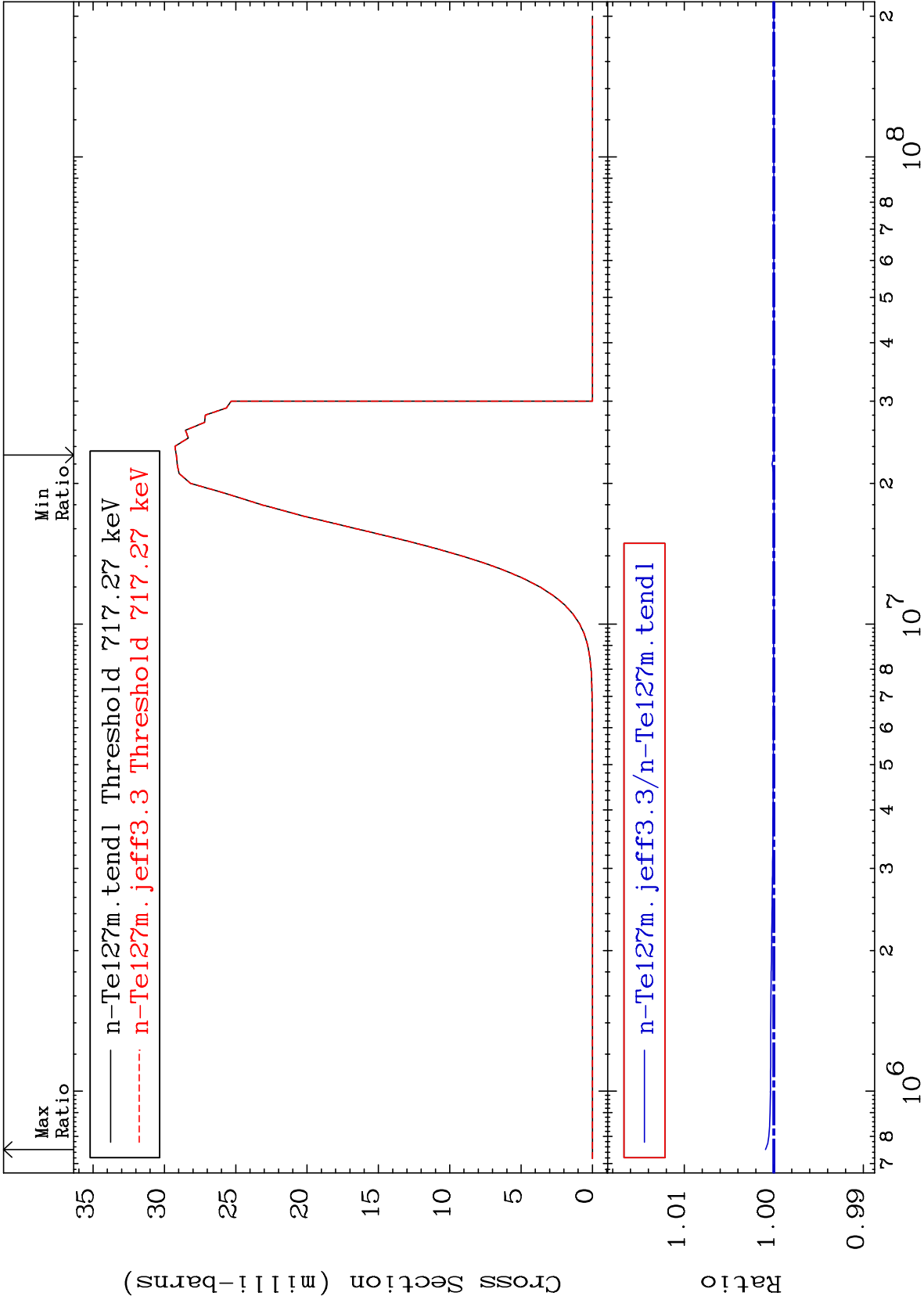
52-Te-127
0.000 To 0.133 %

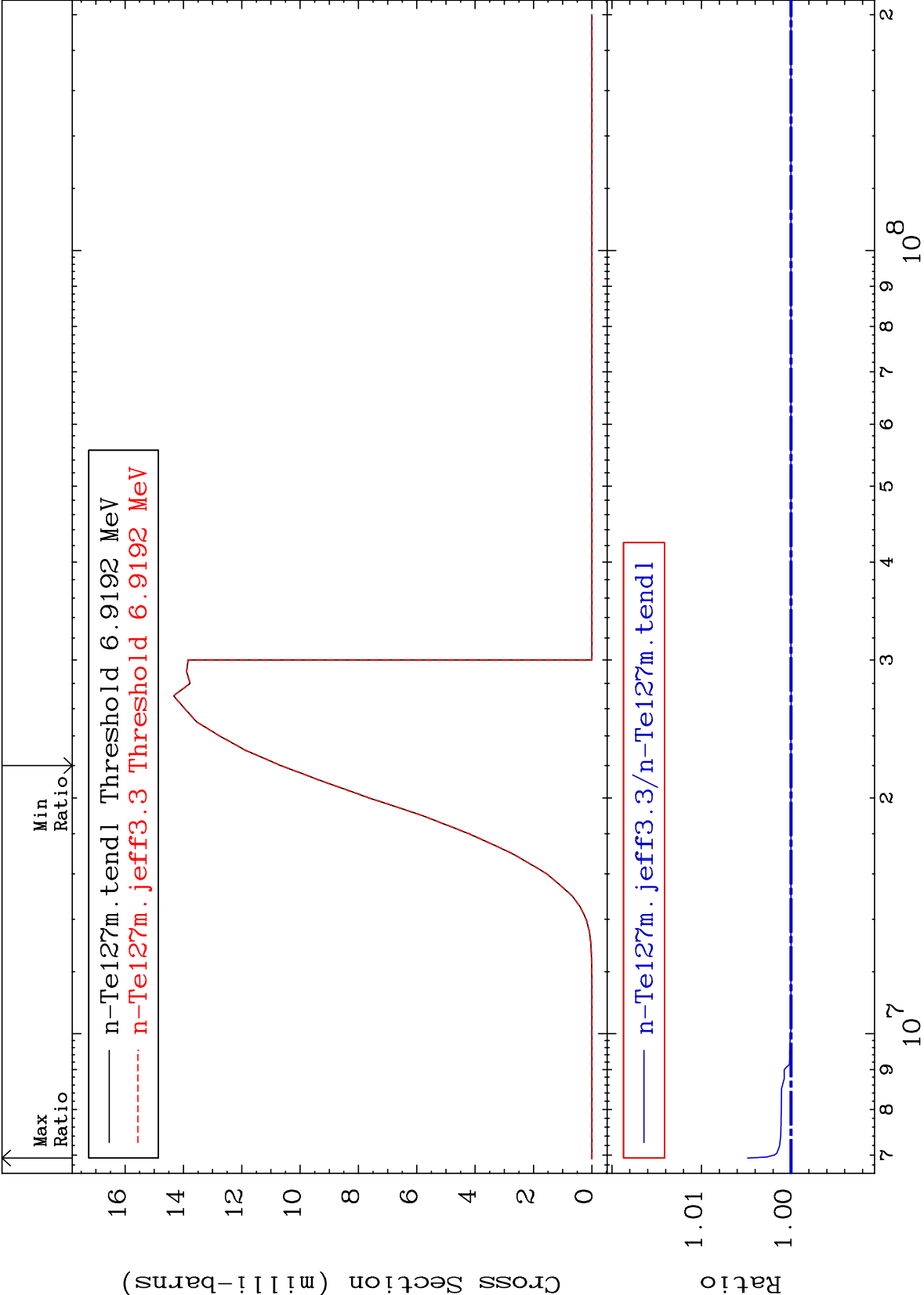


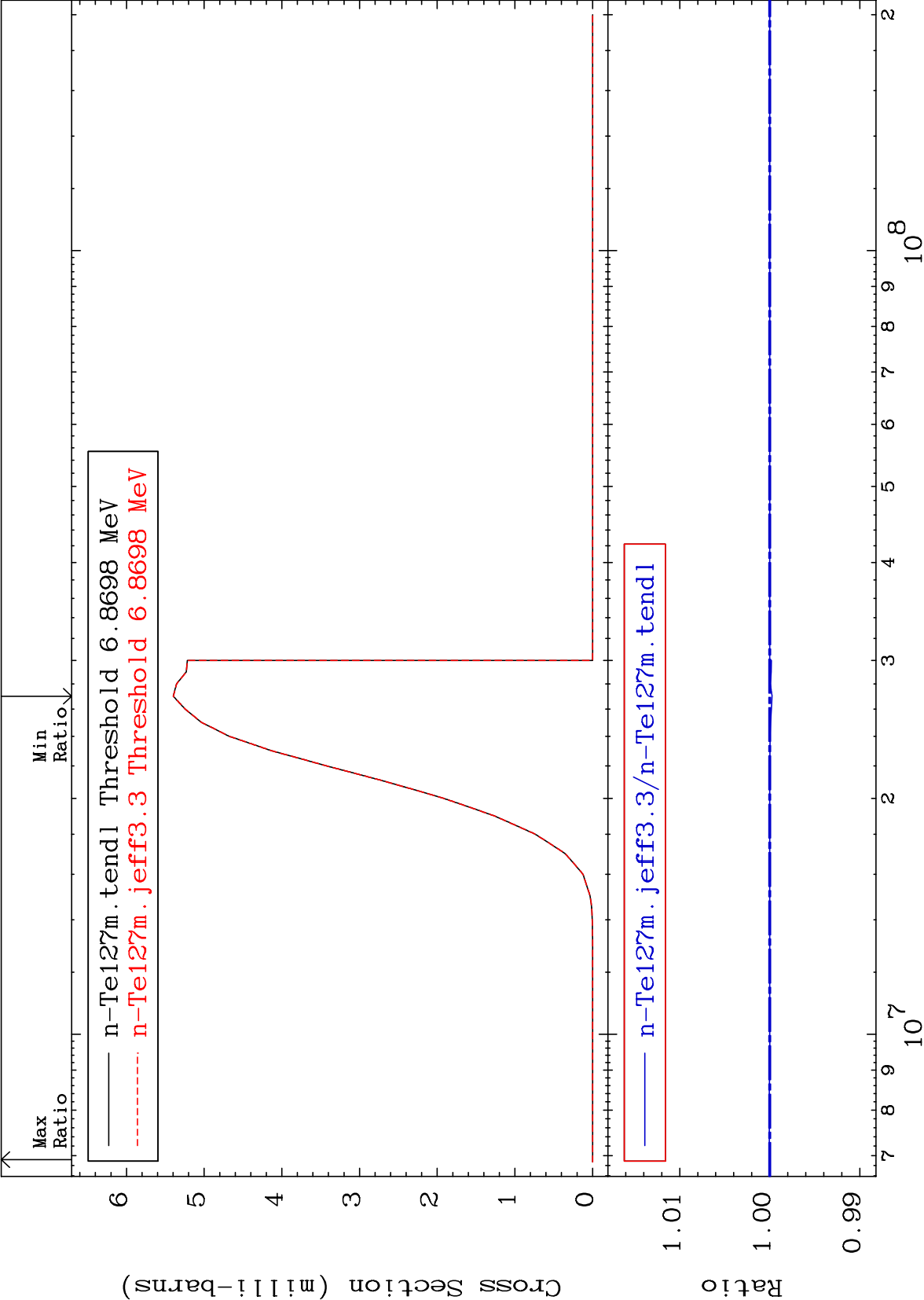


Cross Section

-0.002 To 0.093 %







MAT 5247

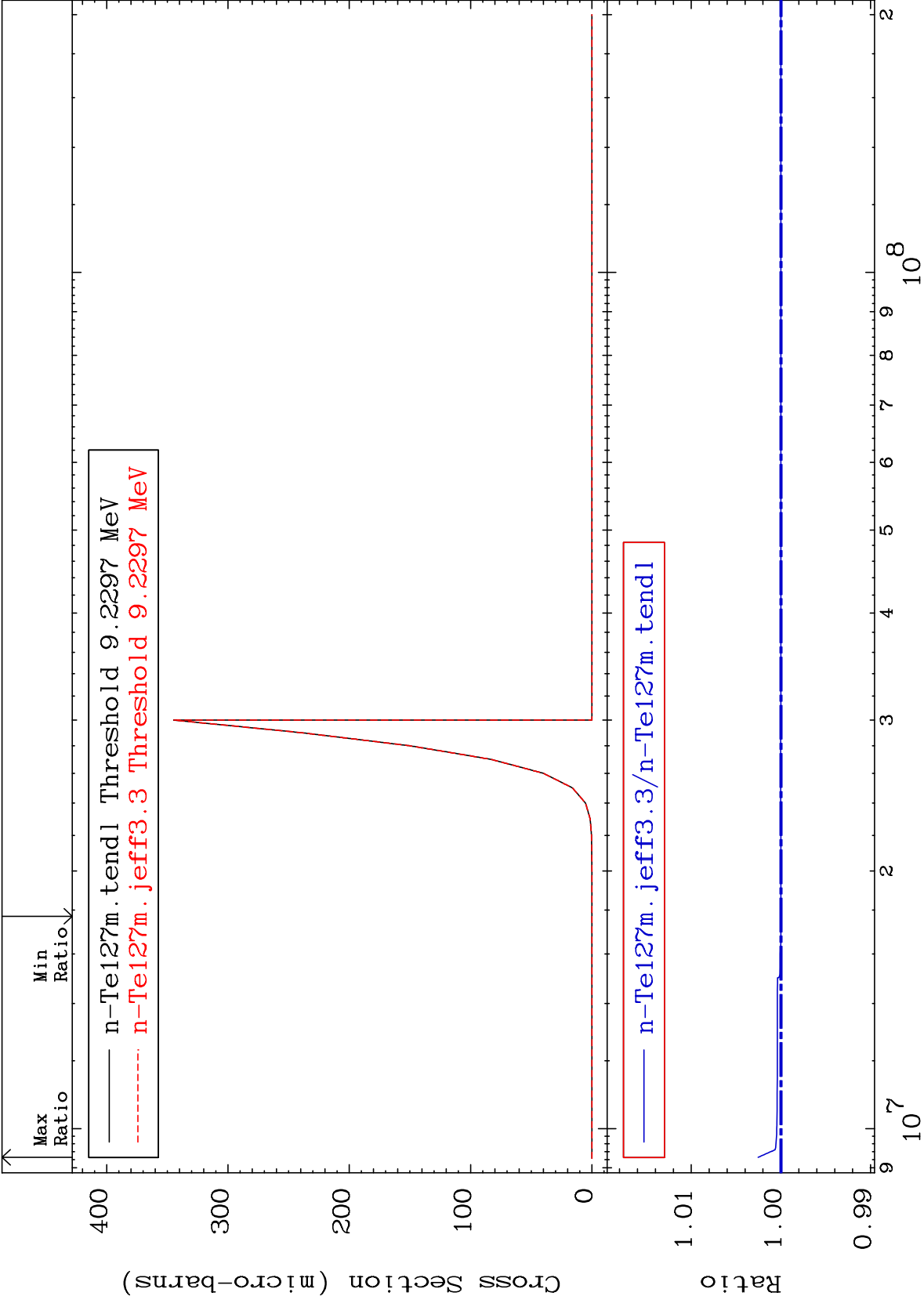
(n,He-3)

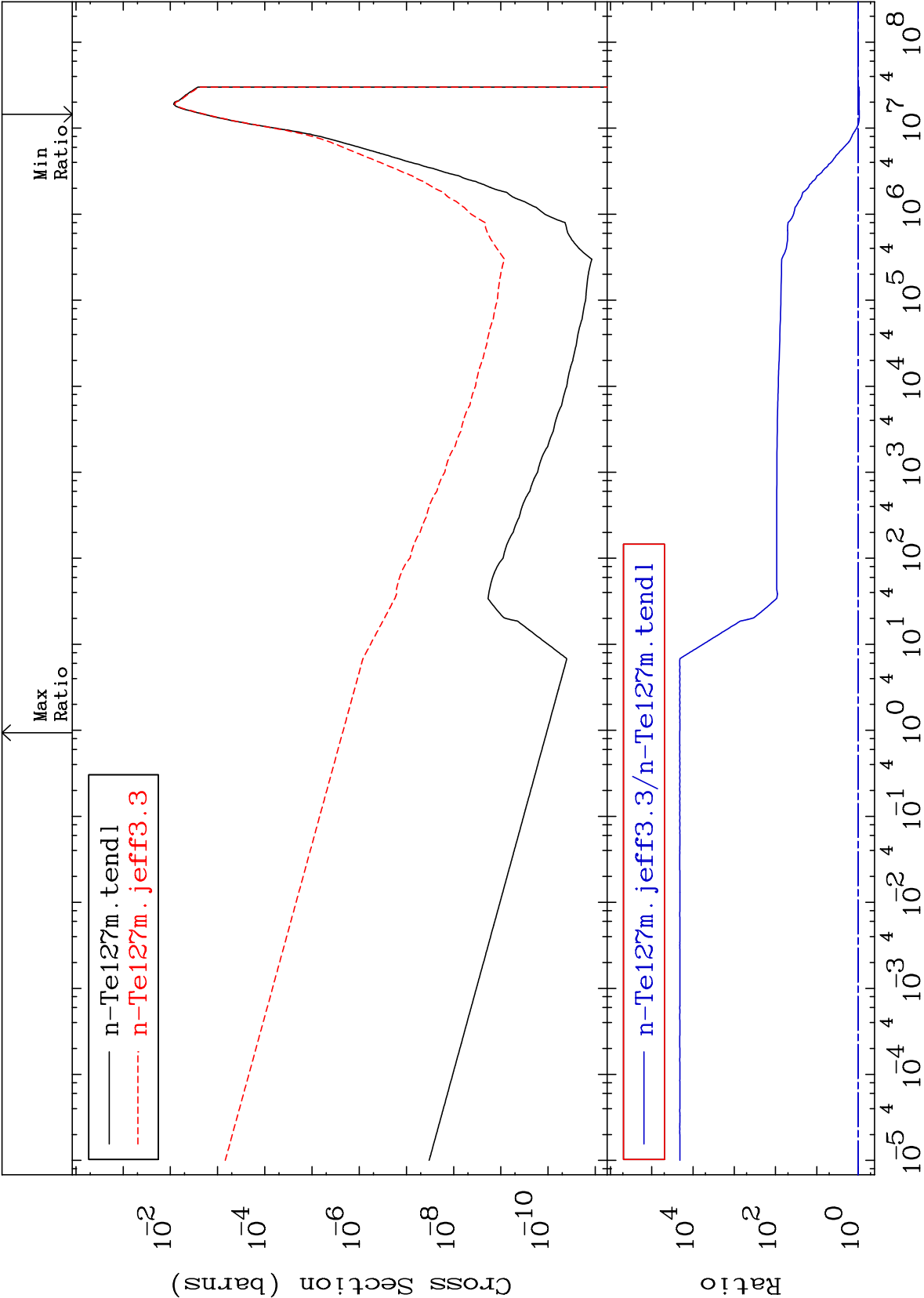
52-Te-127

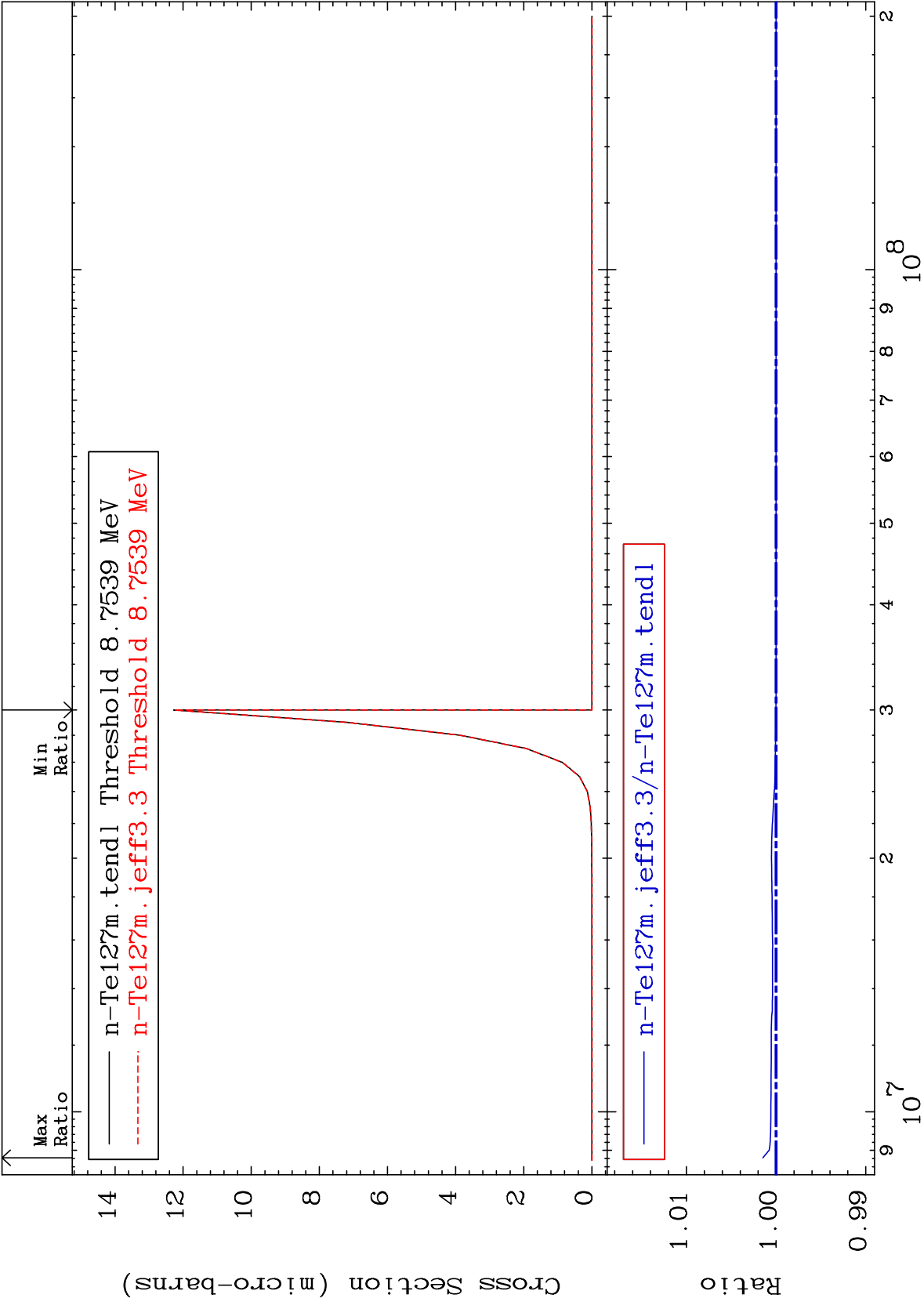
Cross Section

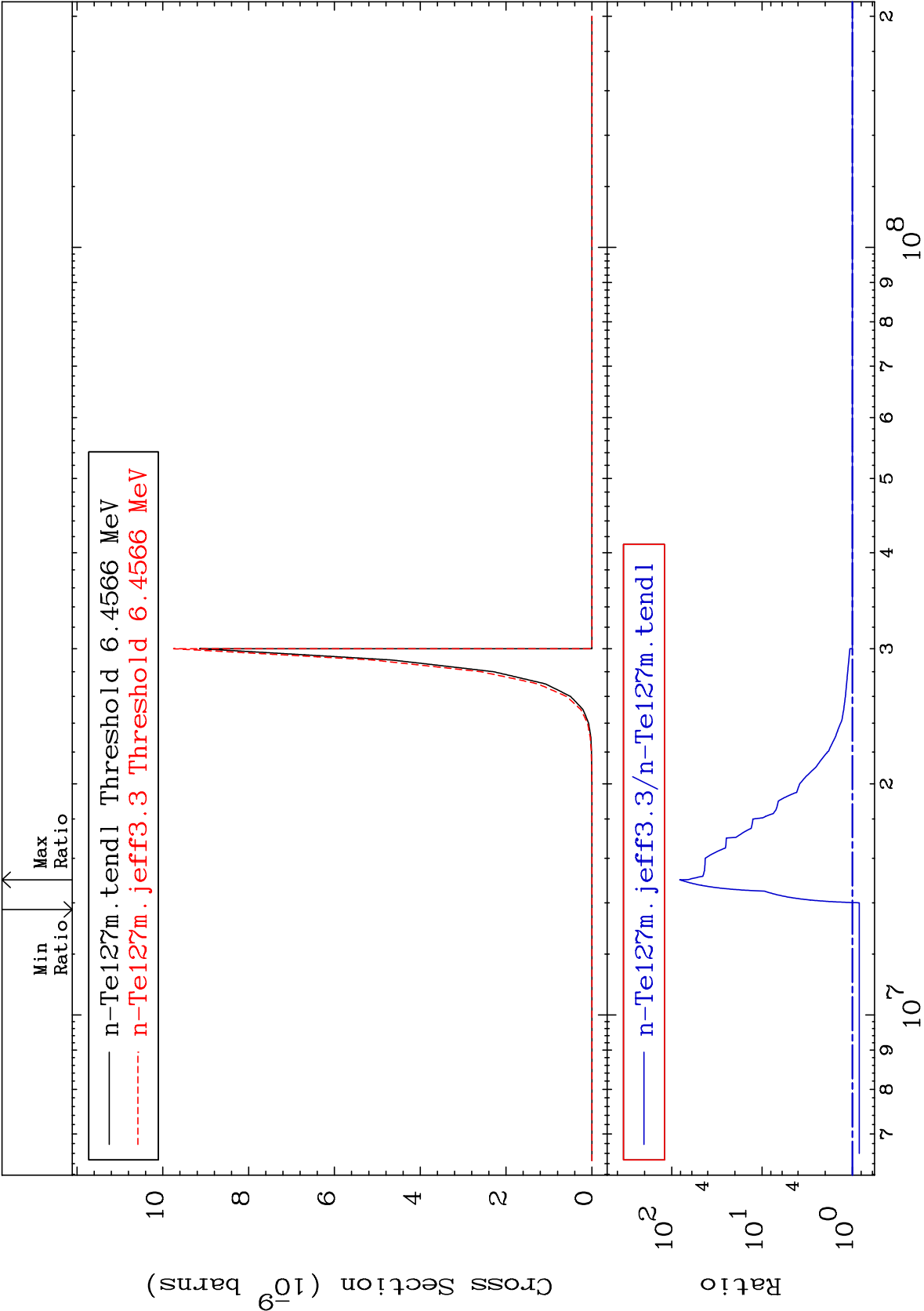
0.000

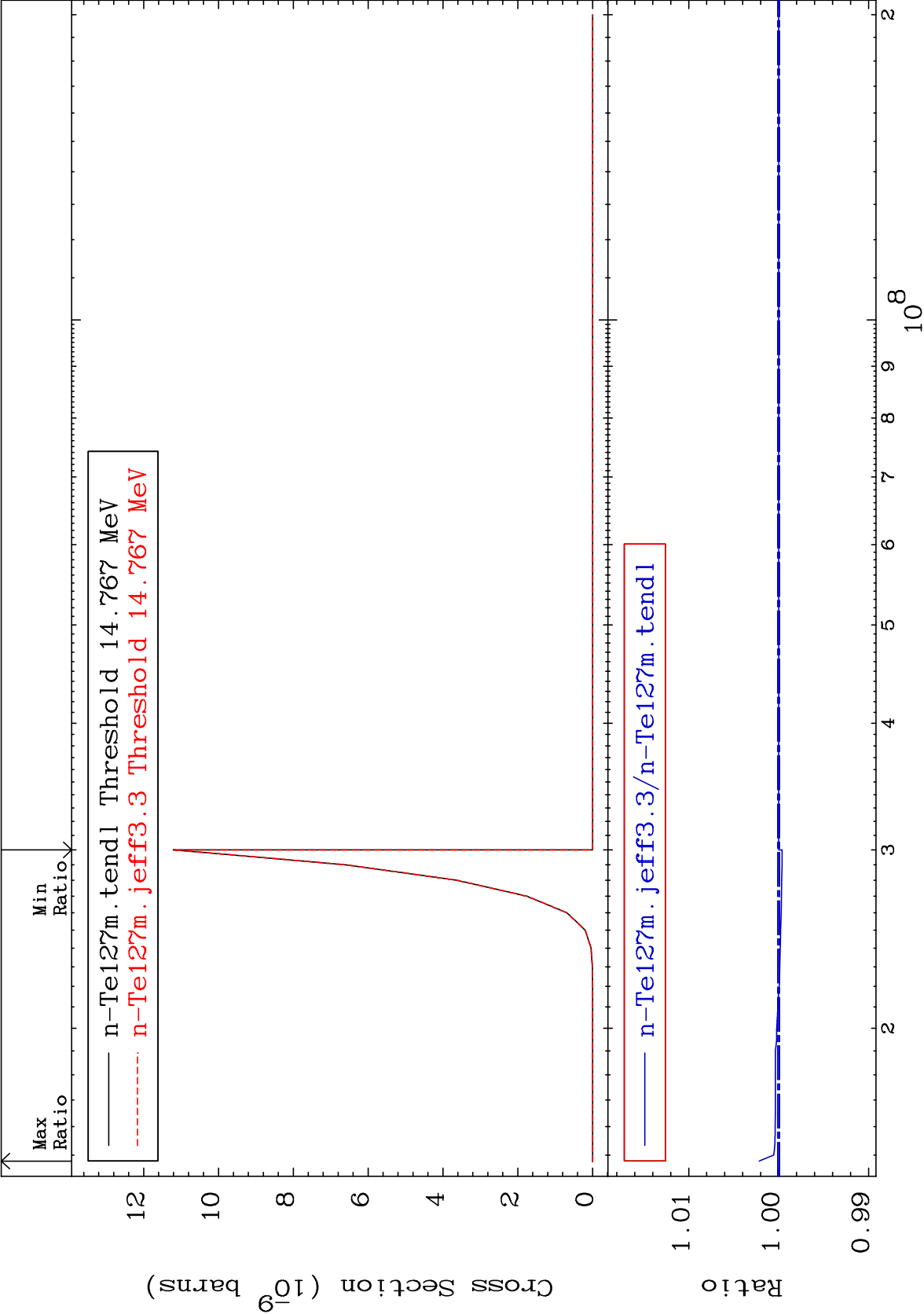
To 0.255 %

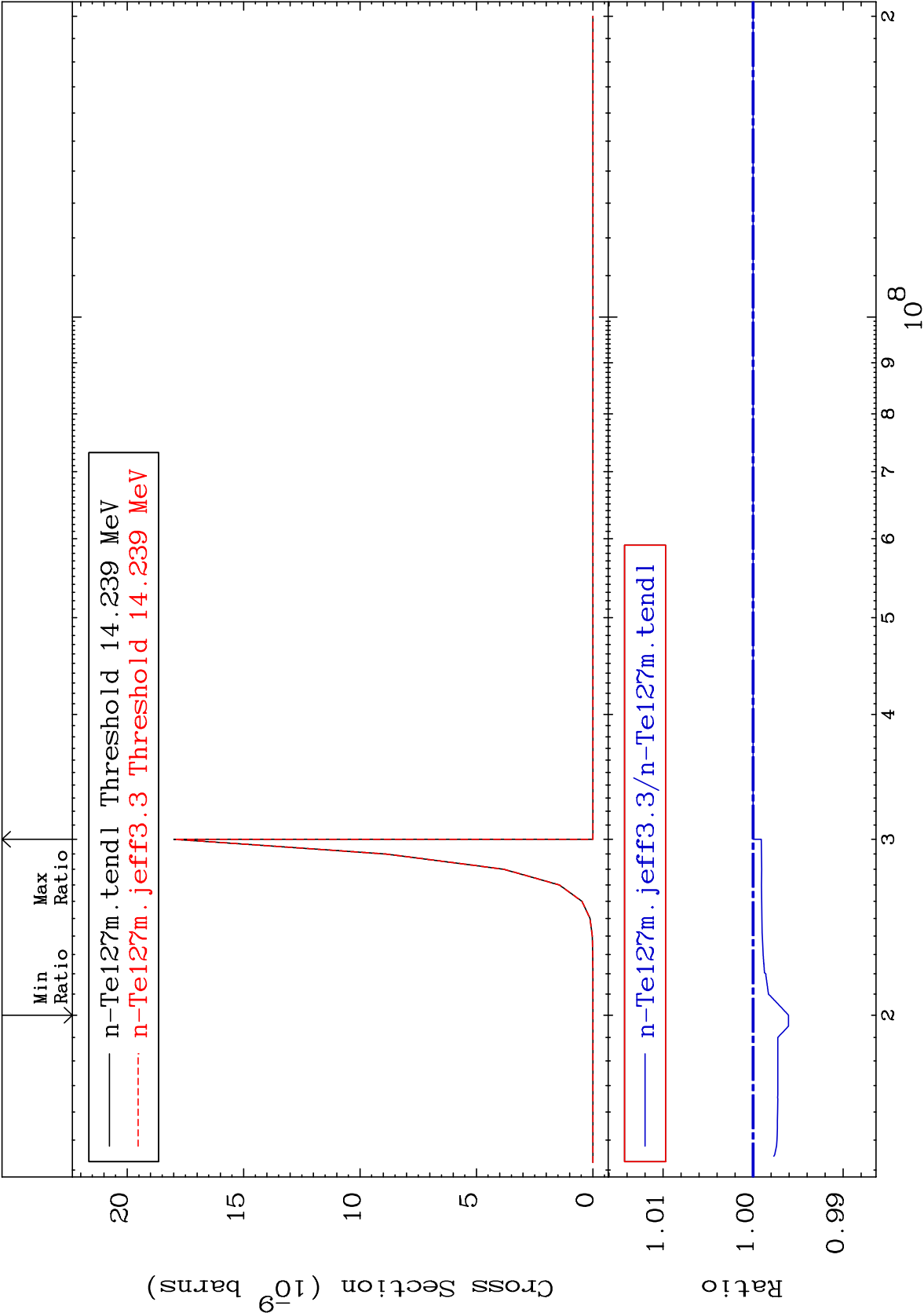


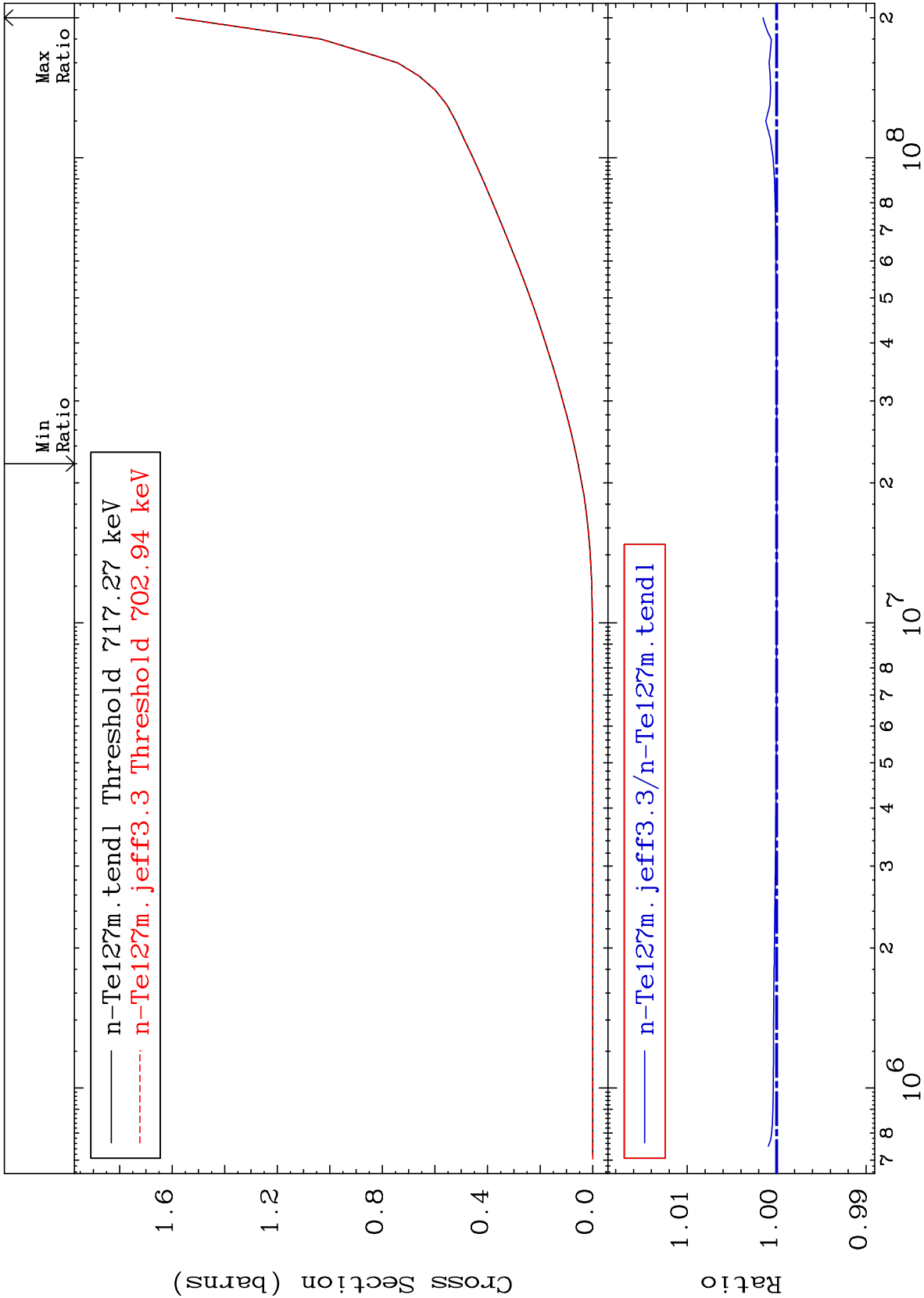


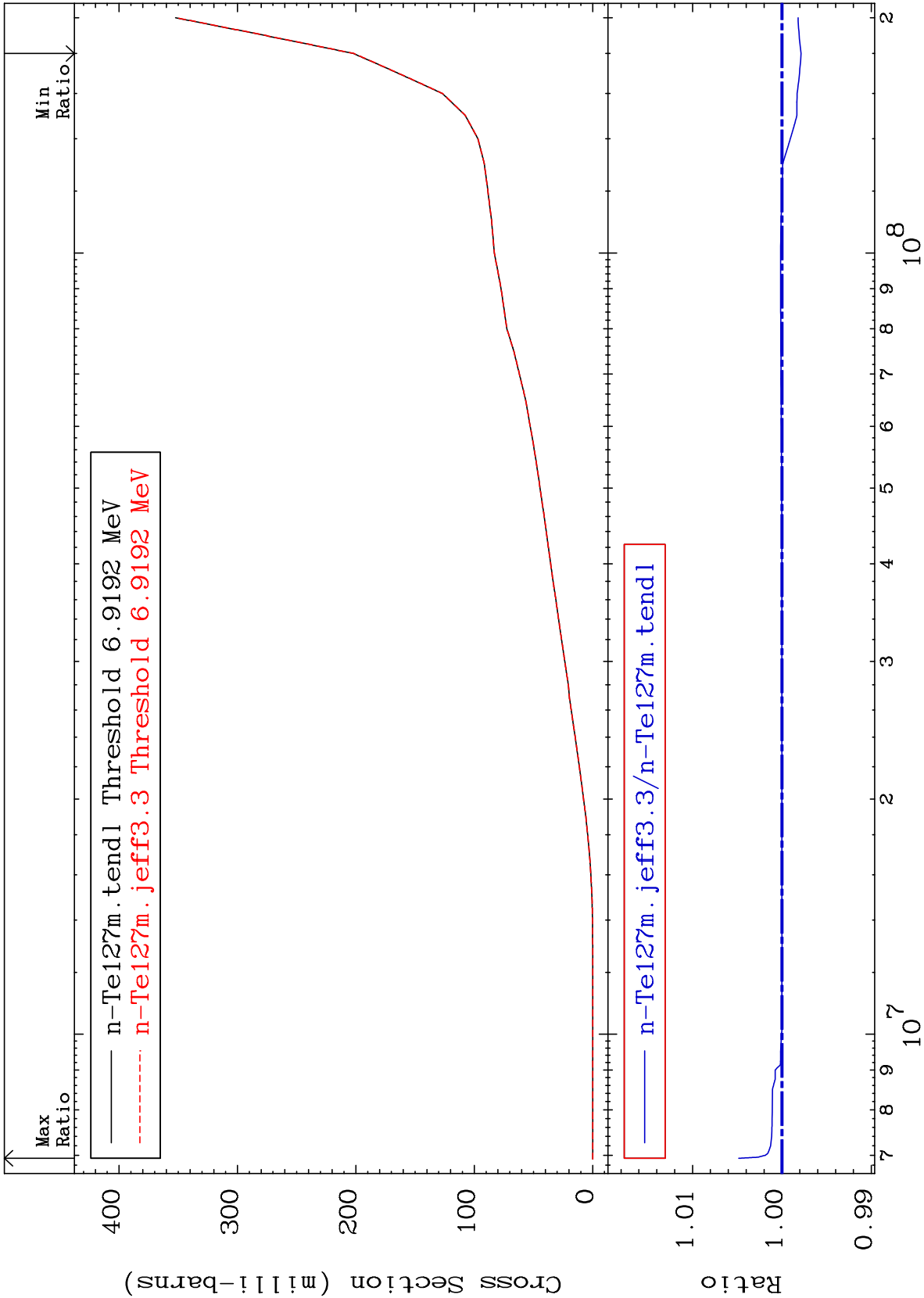








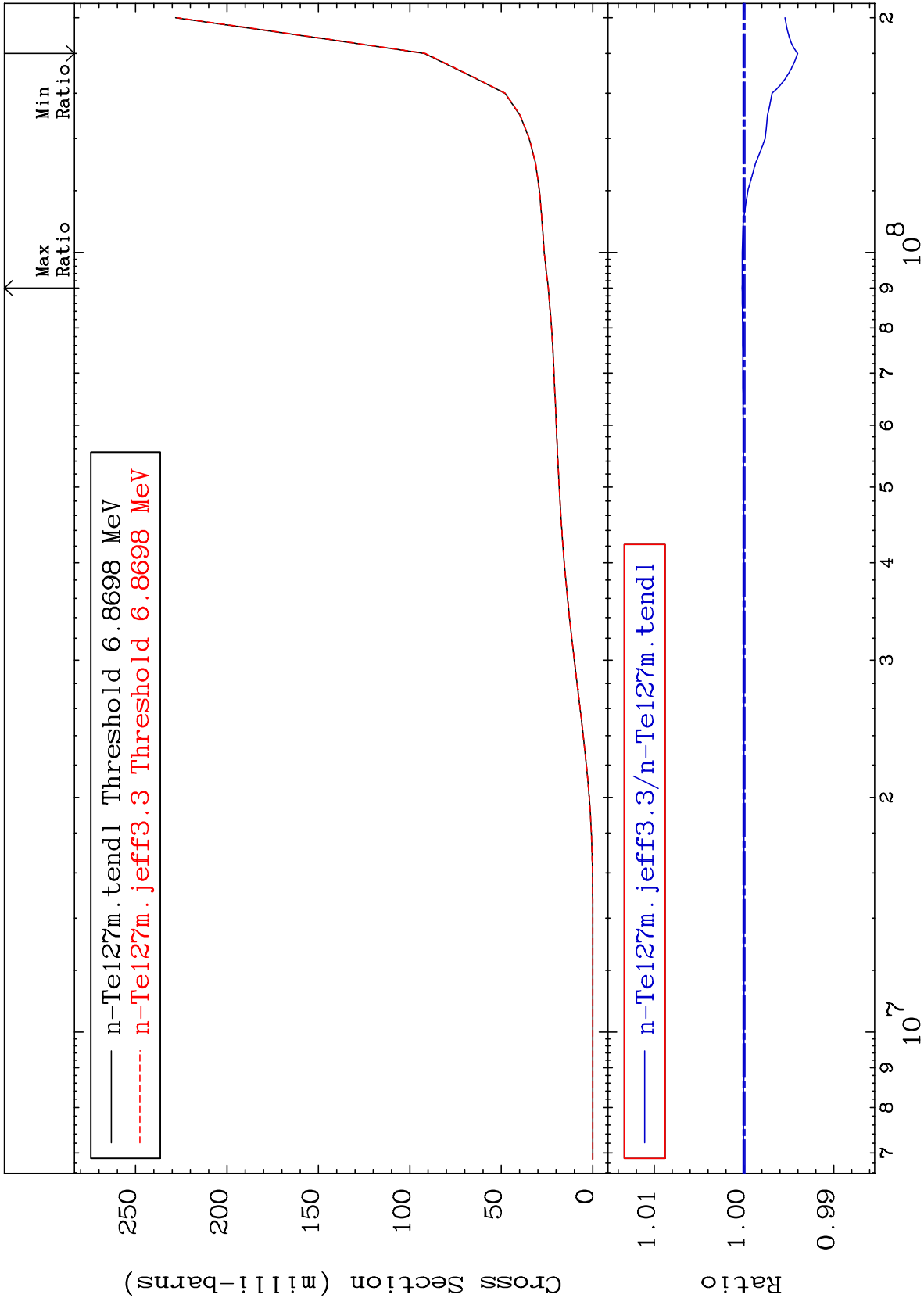




MAT 5247

Tritium Production
Cross Section

52-Te-127
-0.598 To 0.021 %



60

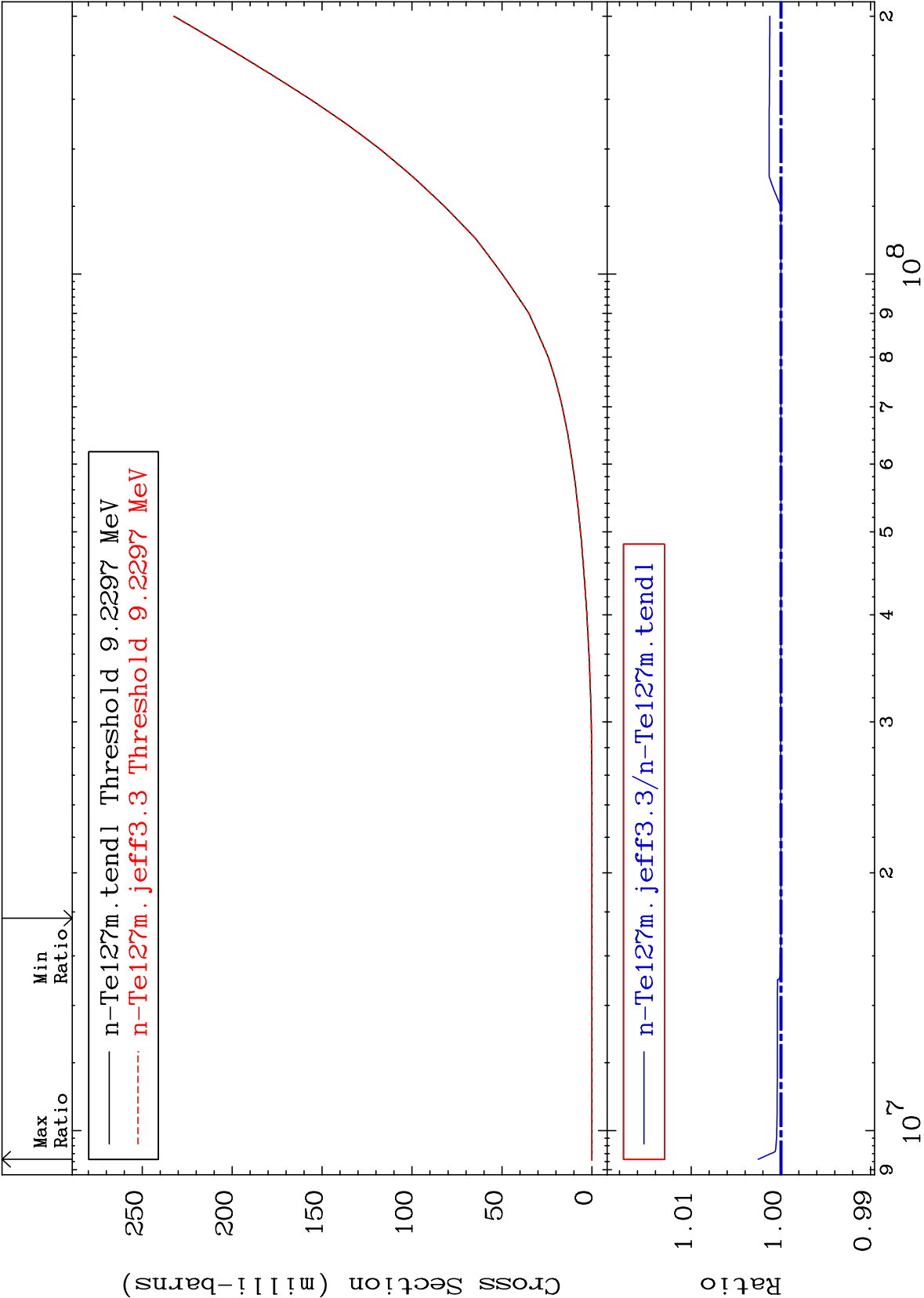
Incident Energy (eV)

52-Te-127

MAT 5247

He-3 Production
Cross Section

52-Te-127
To 0.255 %



61

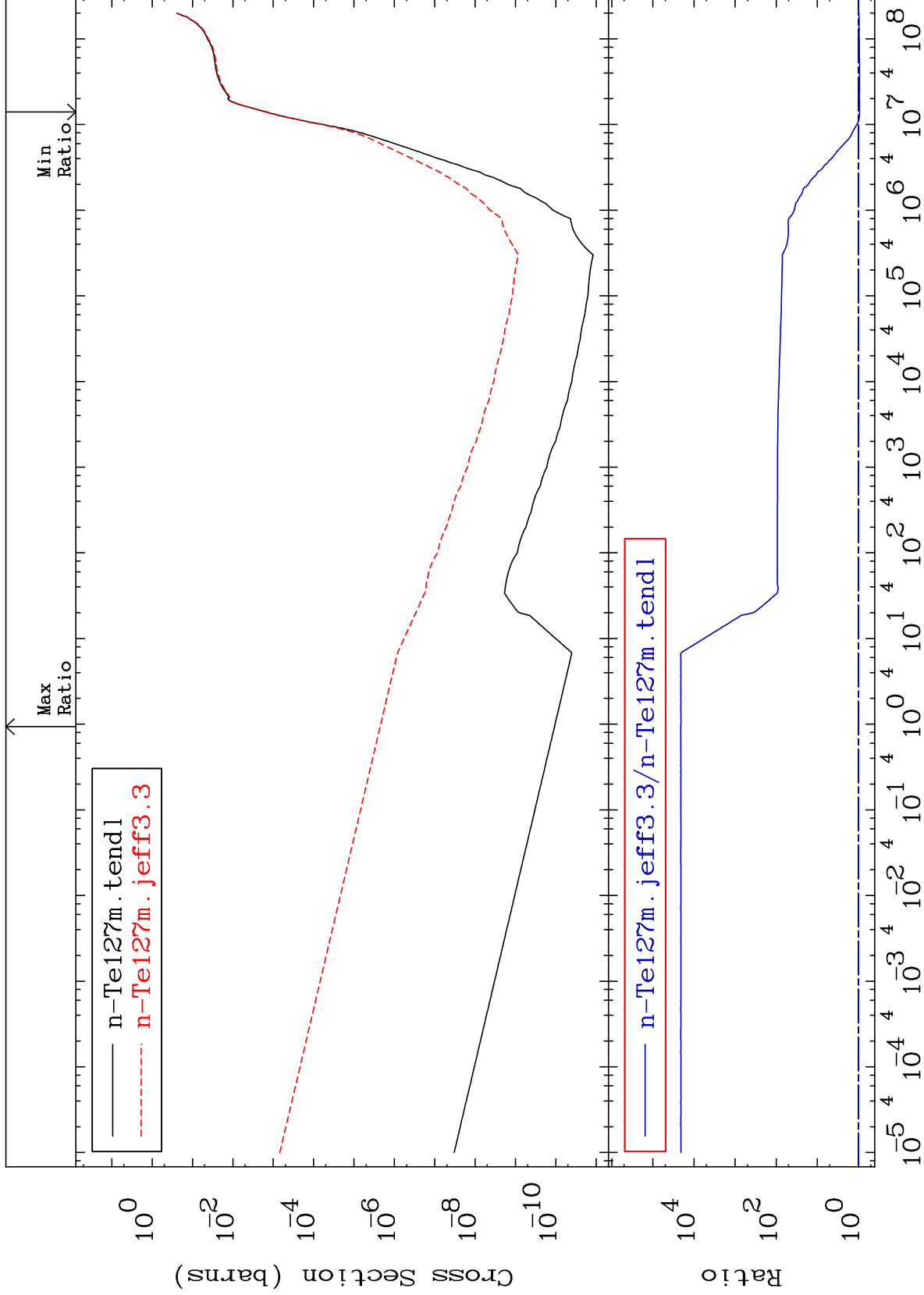
Incident Energy (eV)

52-Te-127

MAT 5247

He-4 Production
Cross Section

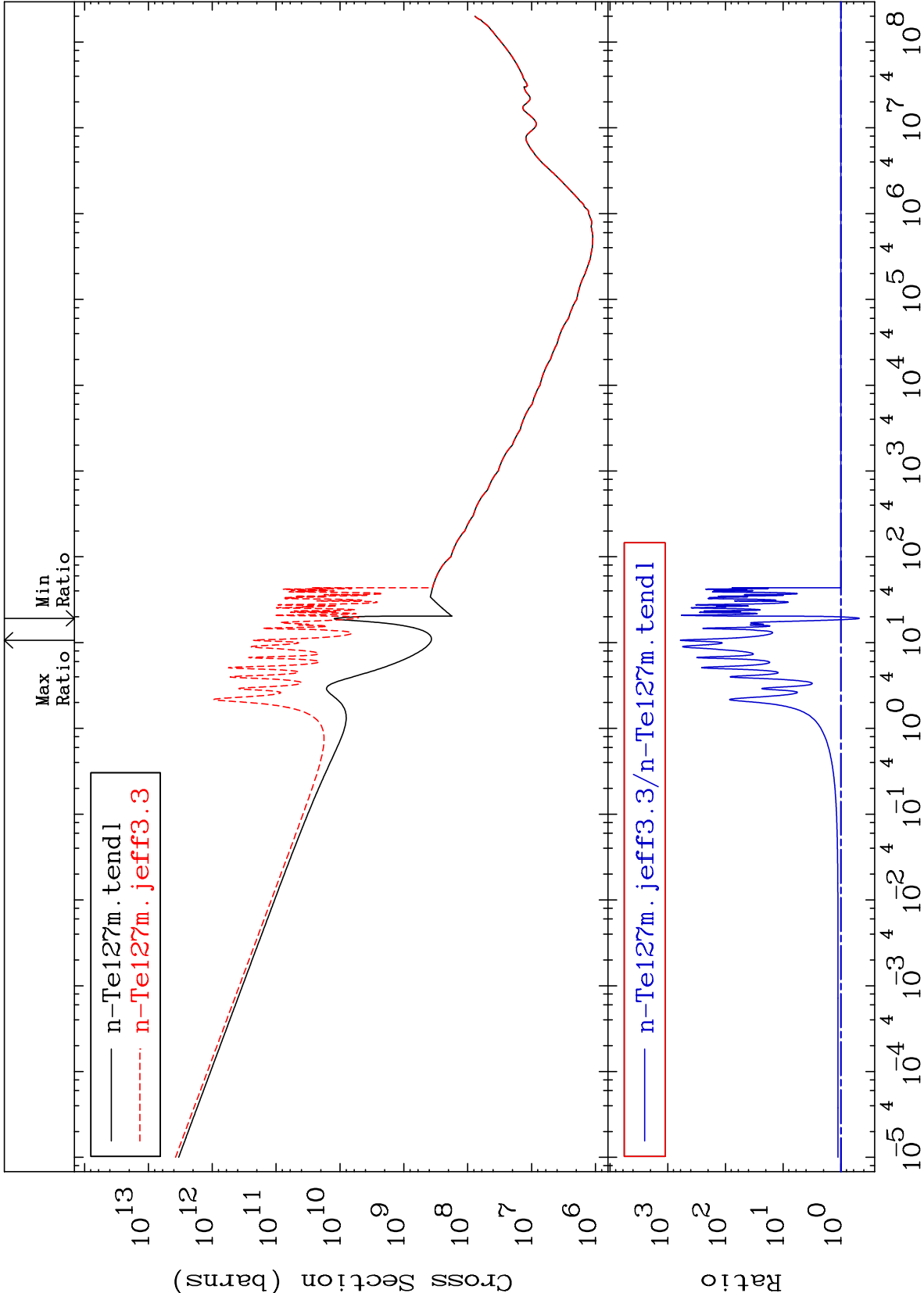
52-Te-127
-6.069 To 9999. %

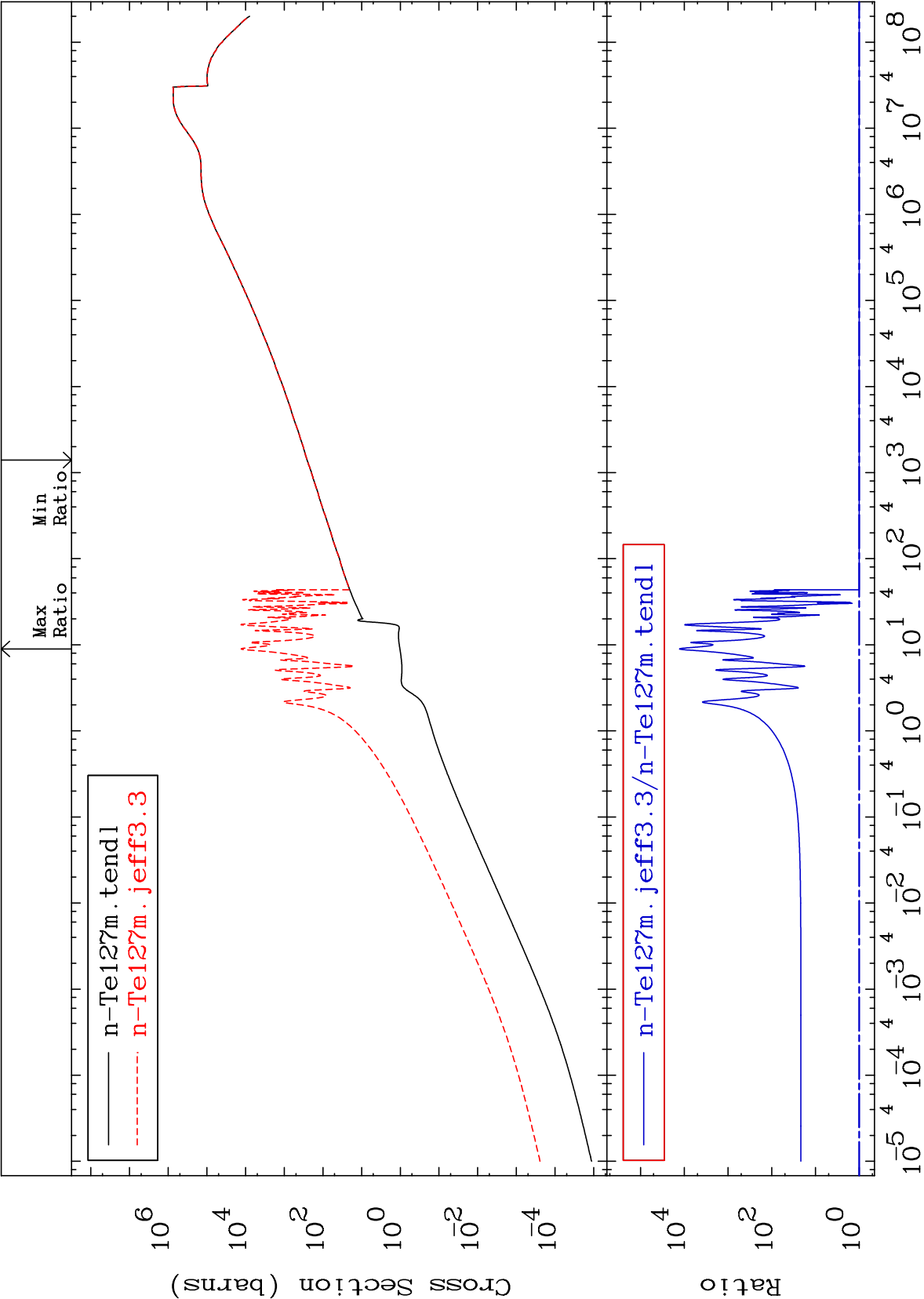


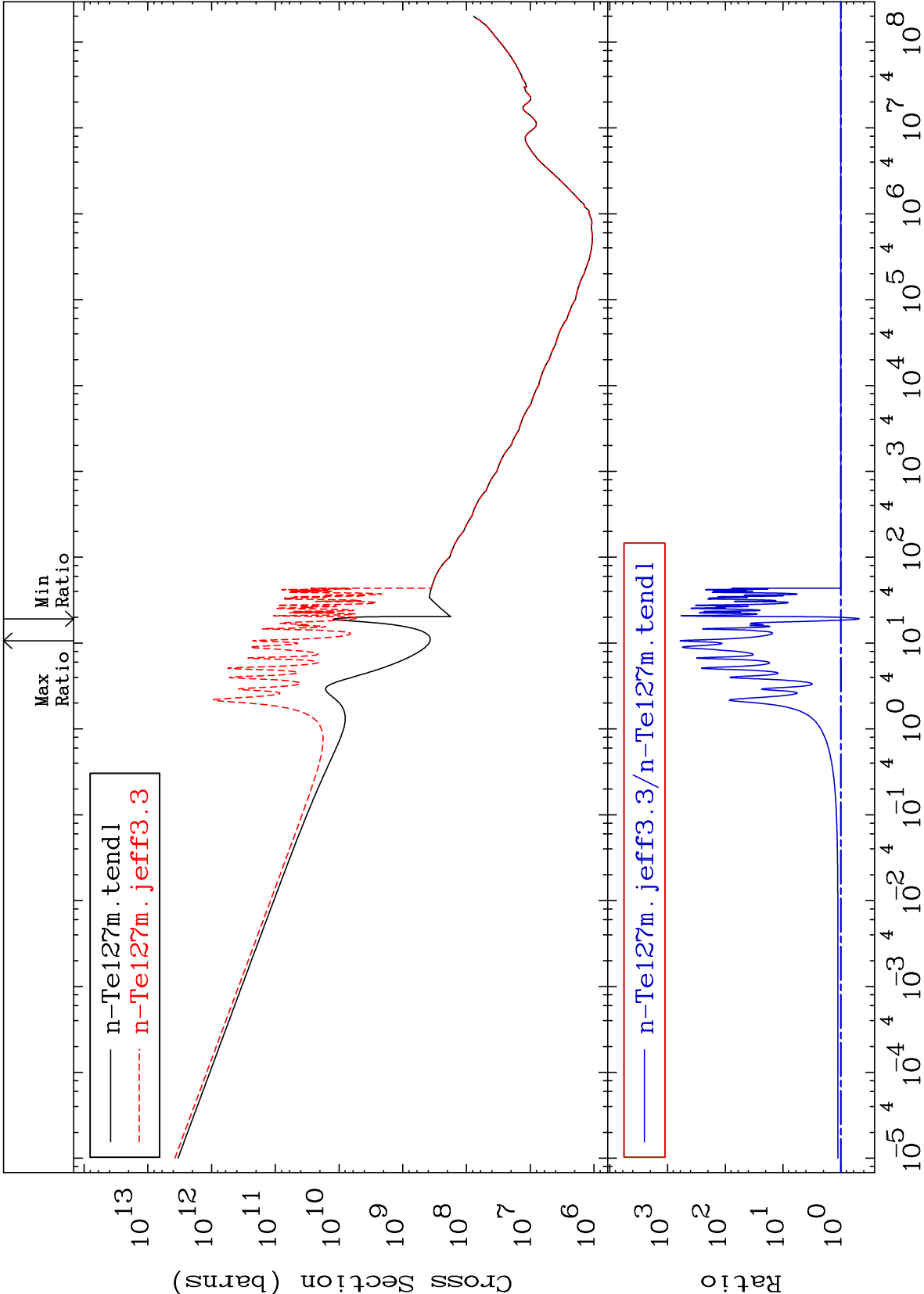
62

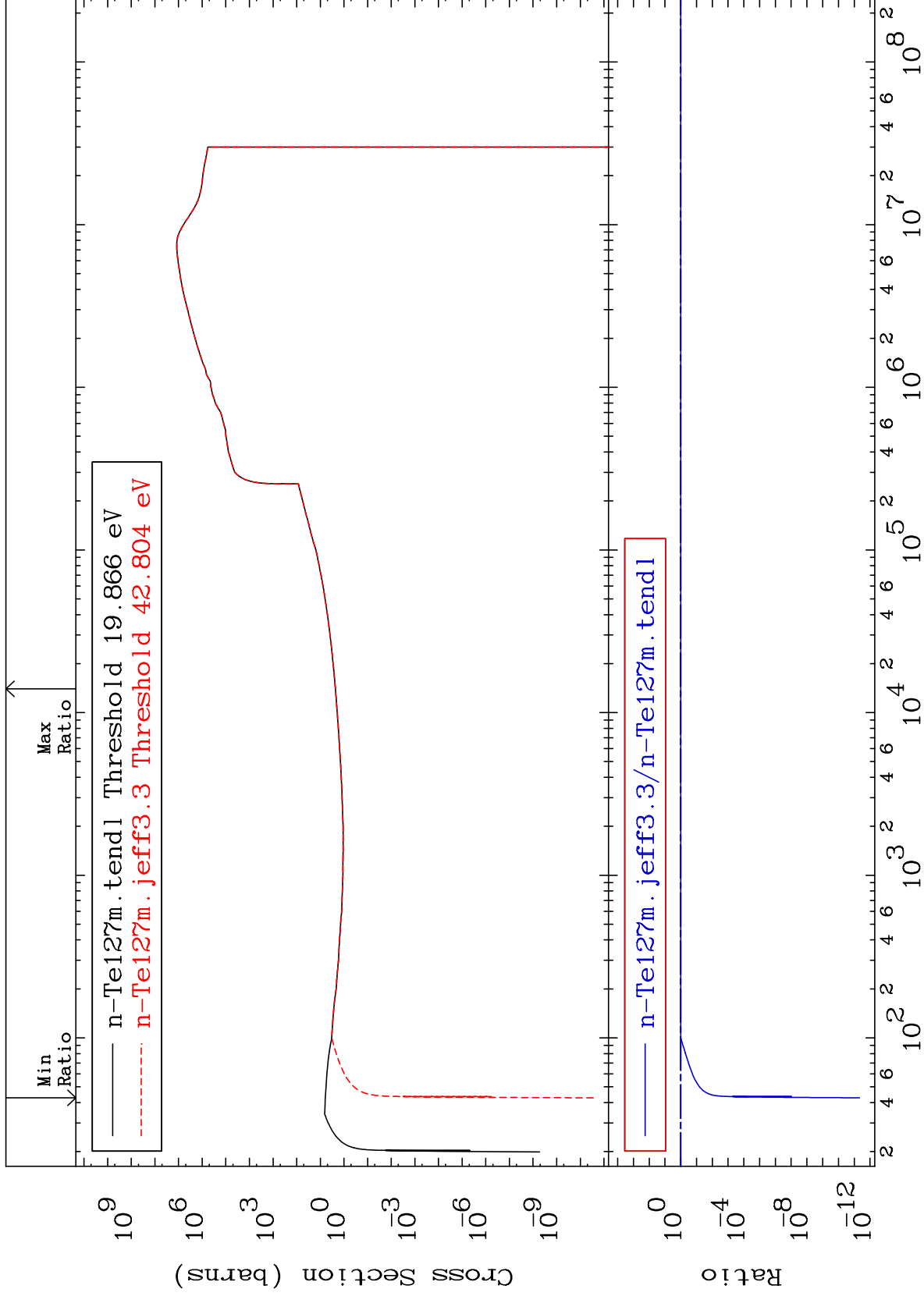
Incident Energy (eV)

52-Te-127



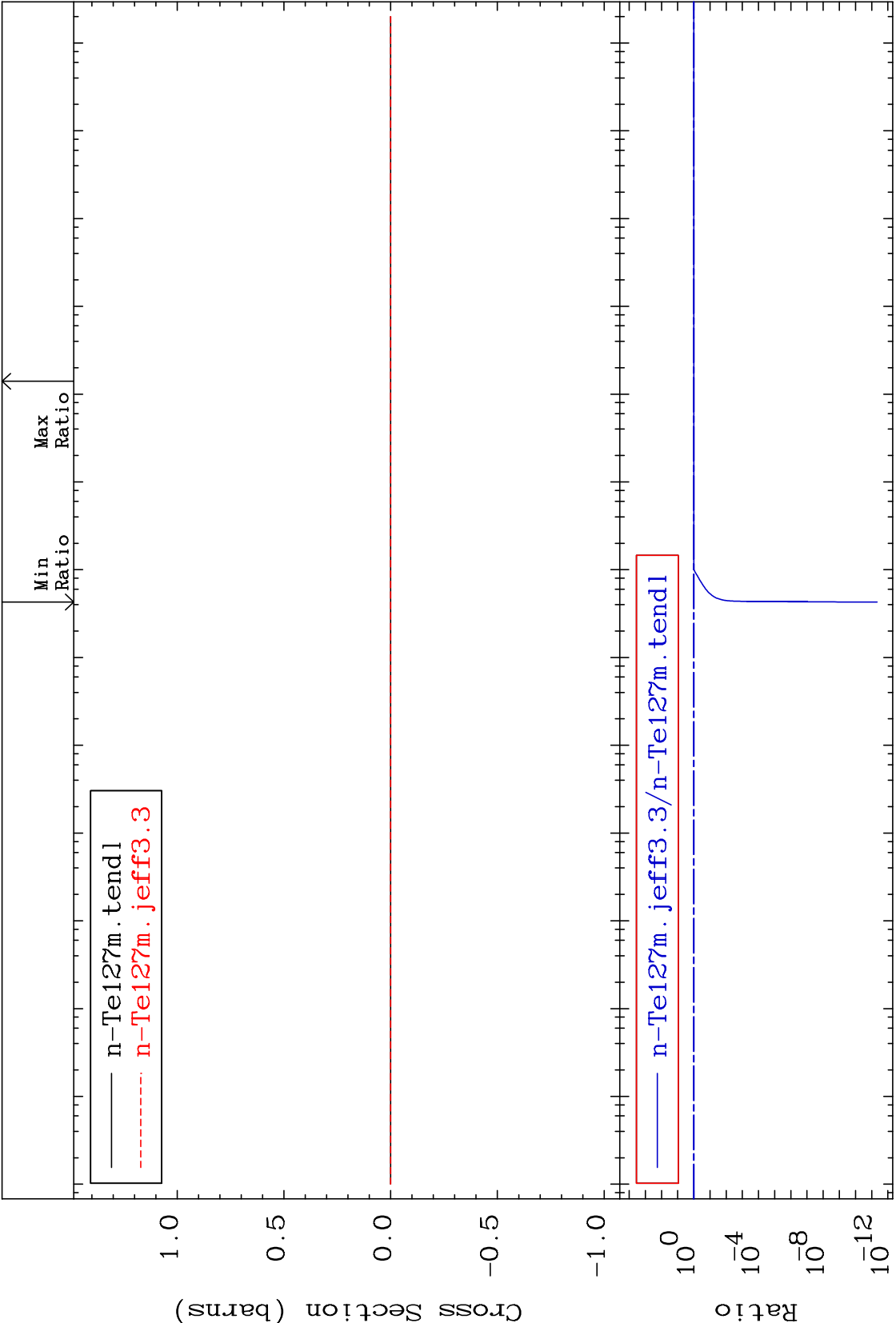


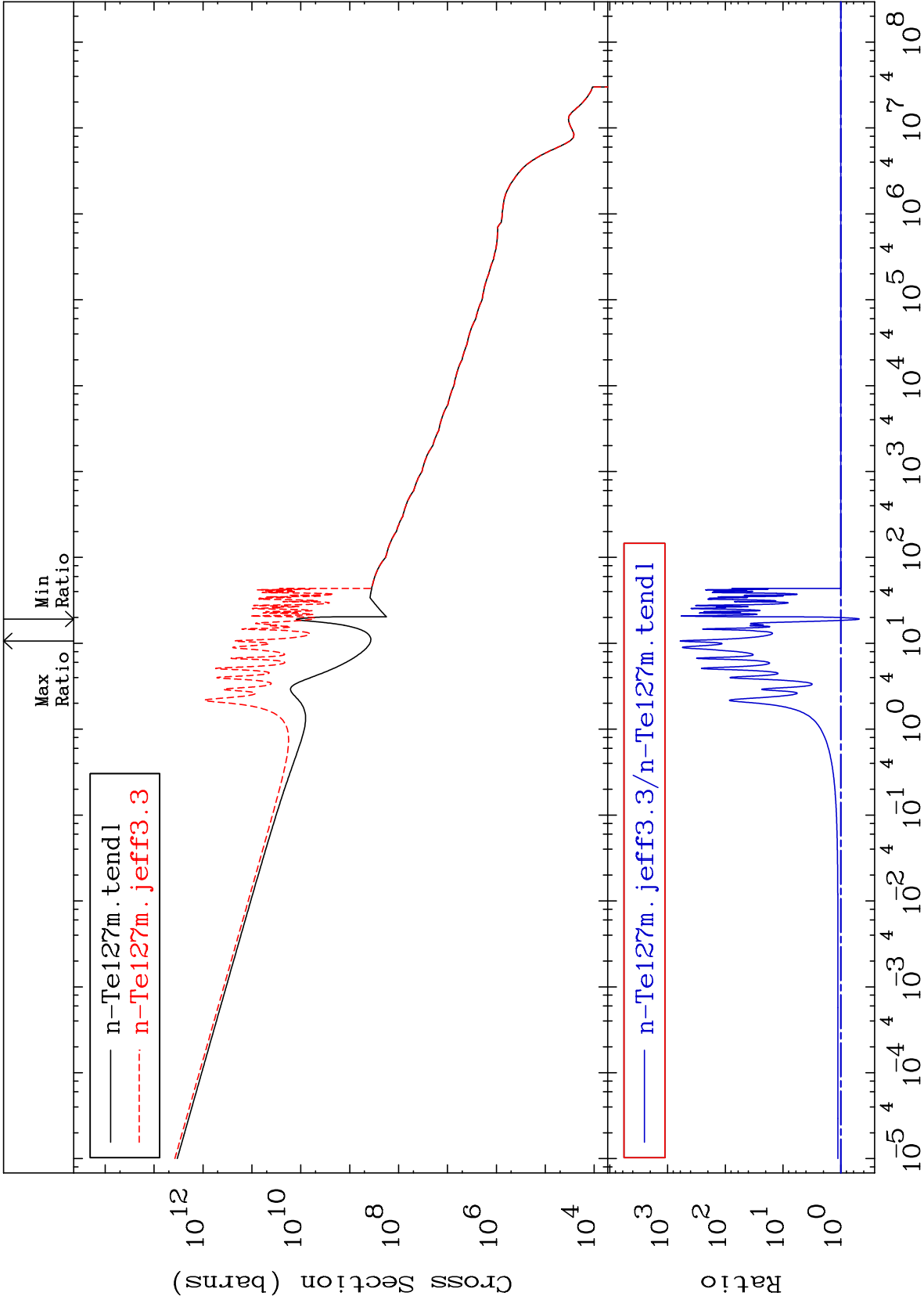


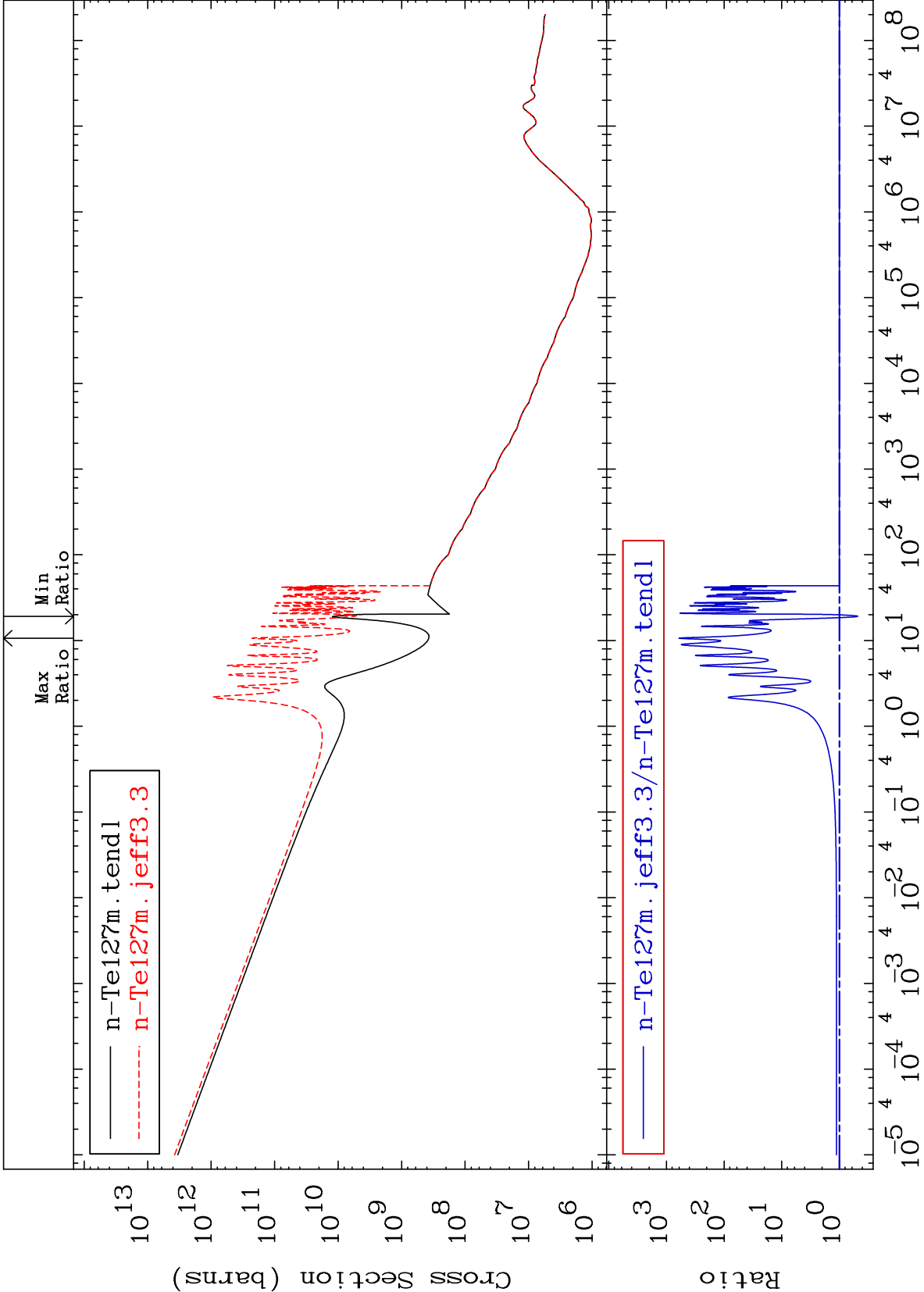


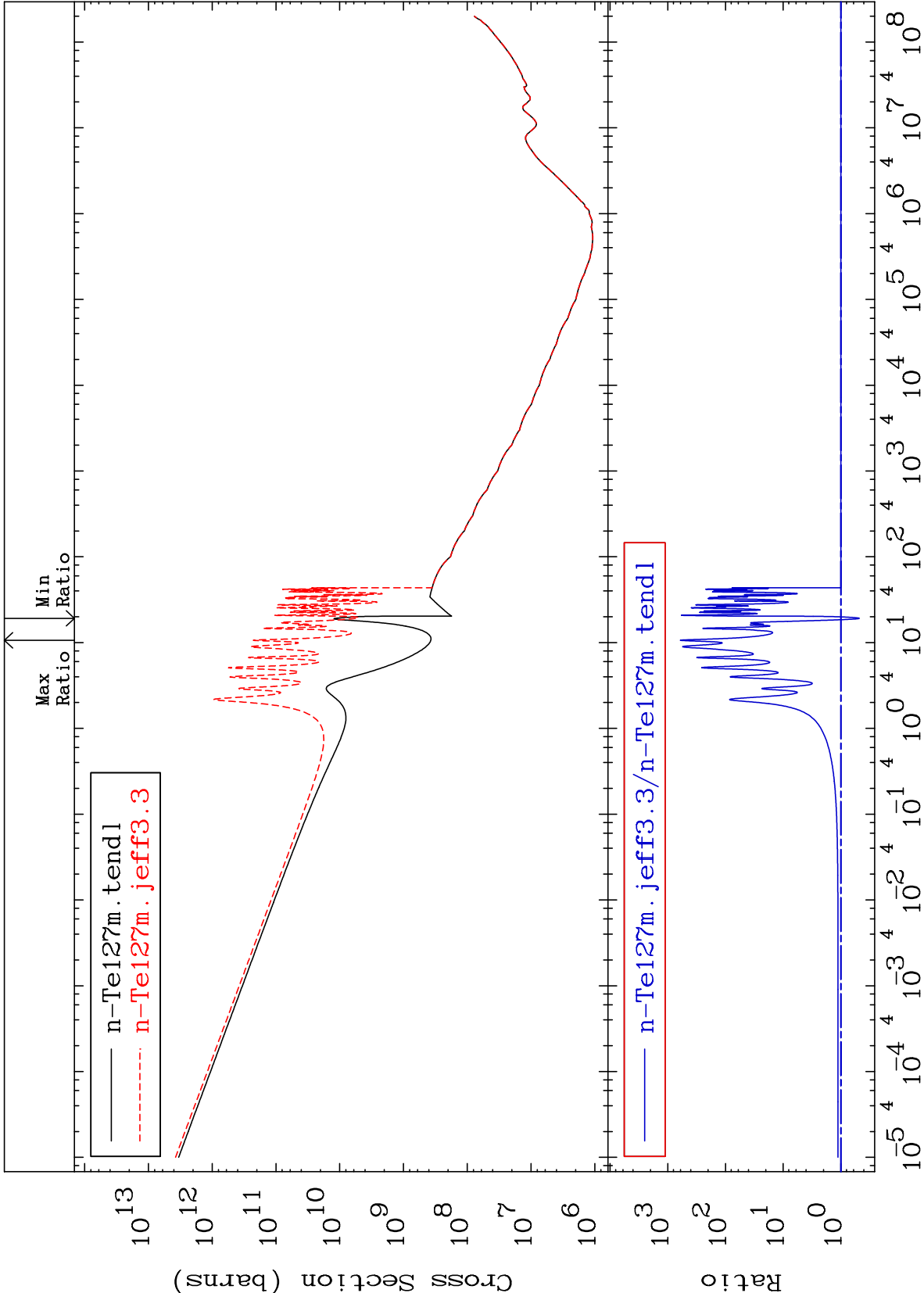
Cross Section

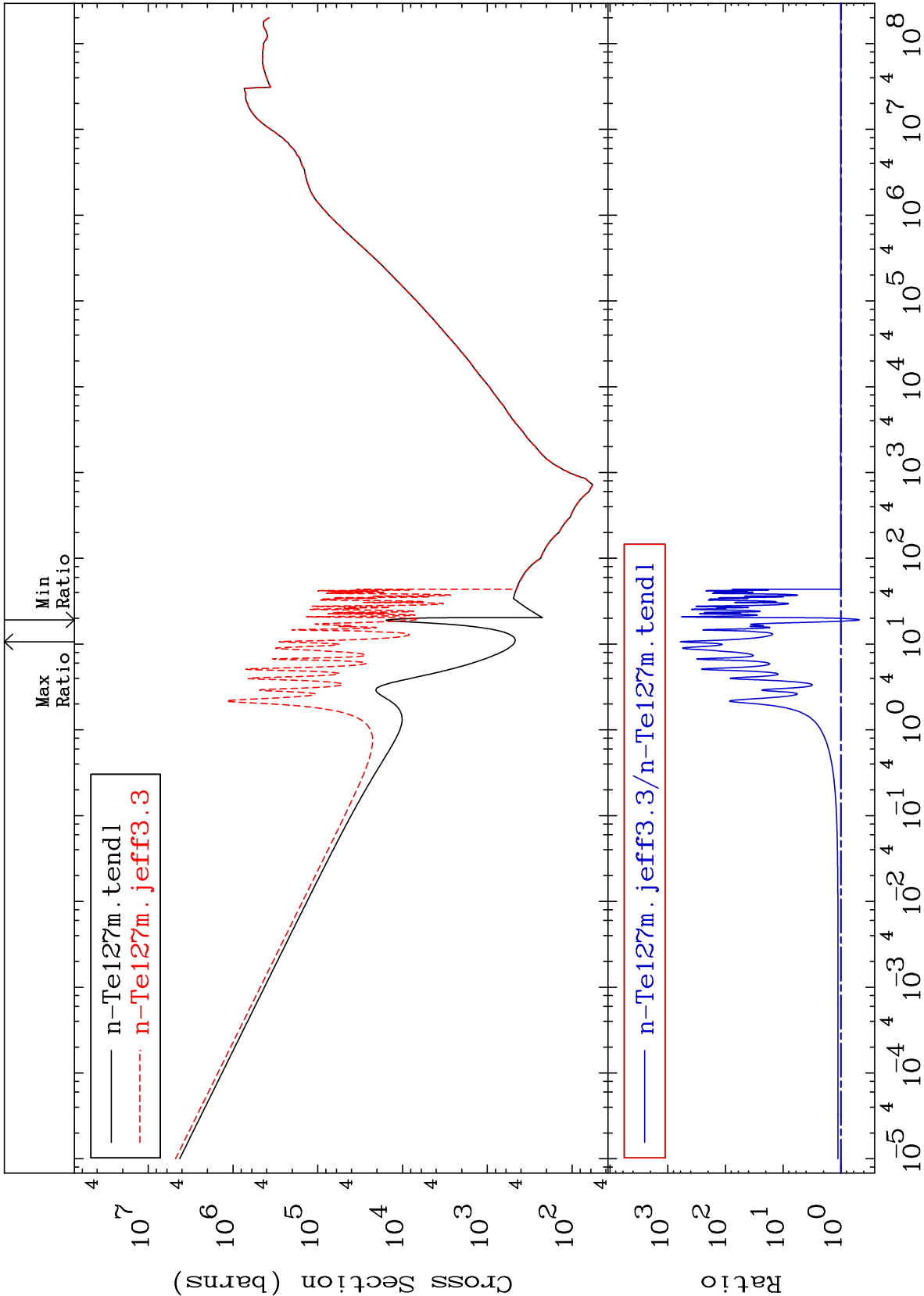
-100.0 To 0.057 %







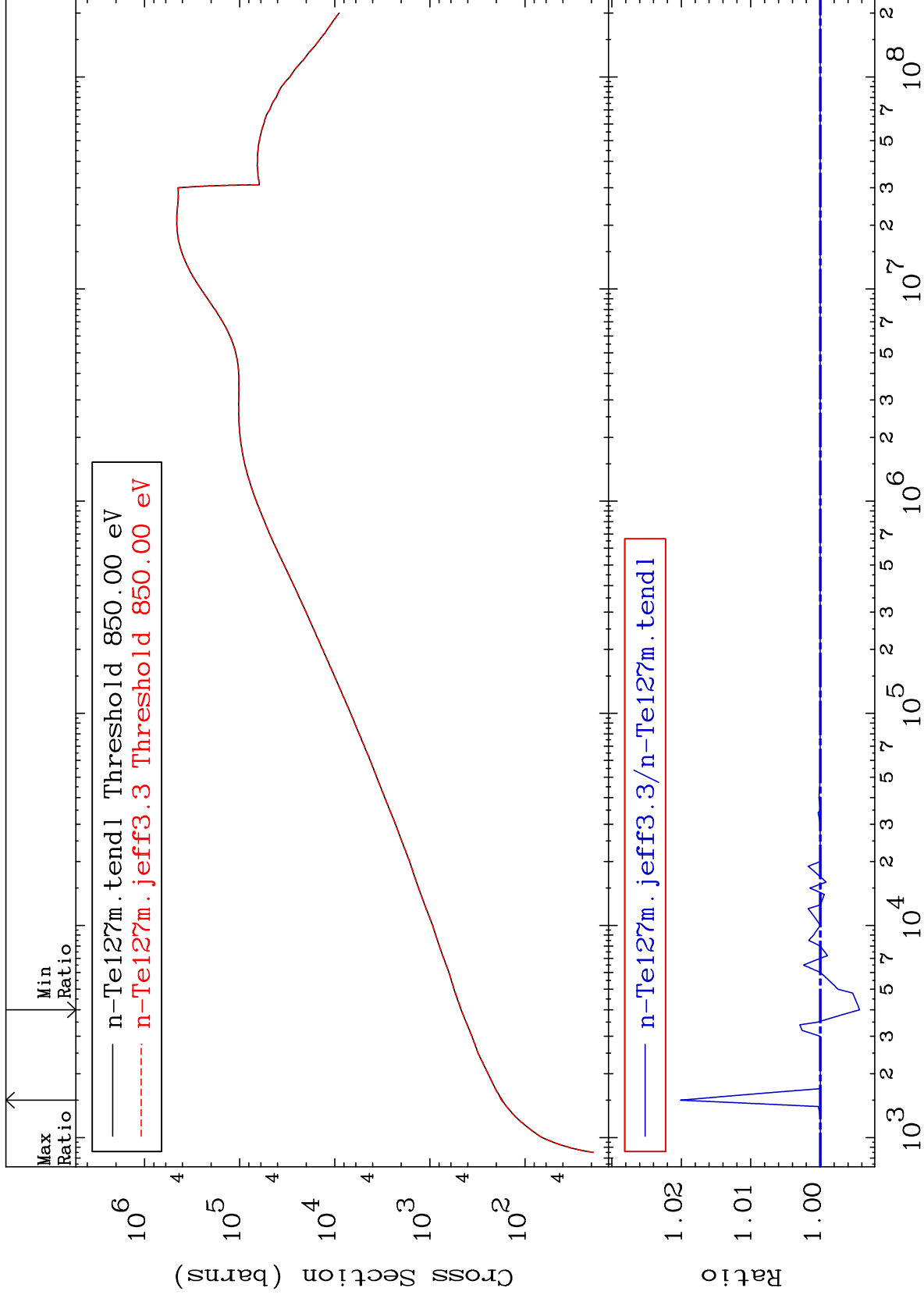




MAT 5247

Dpa elastic (mt2)
Cross Section

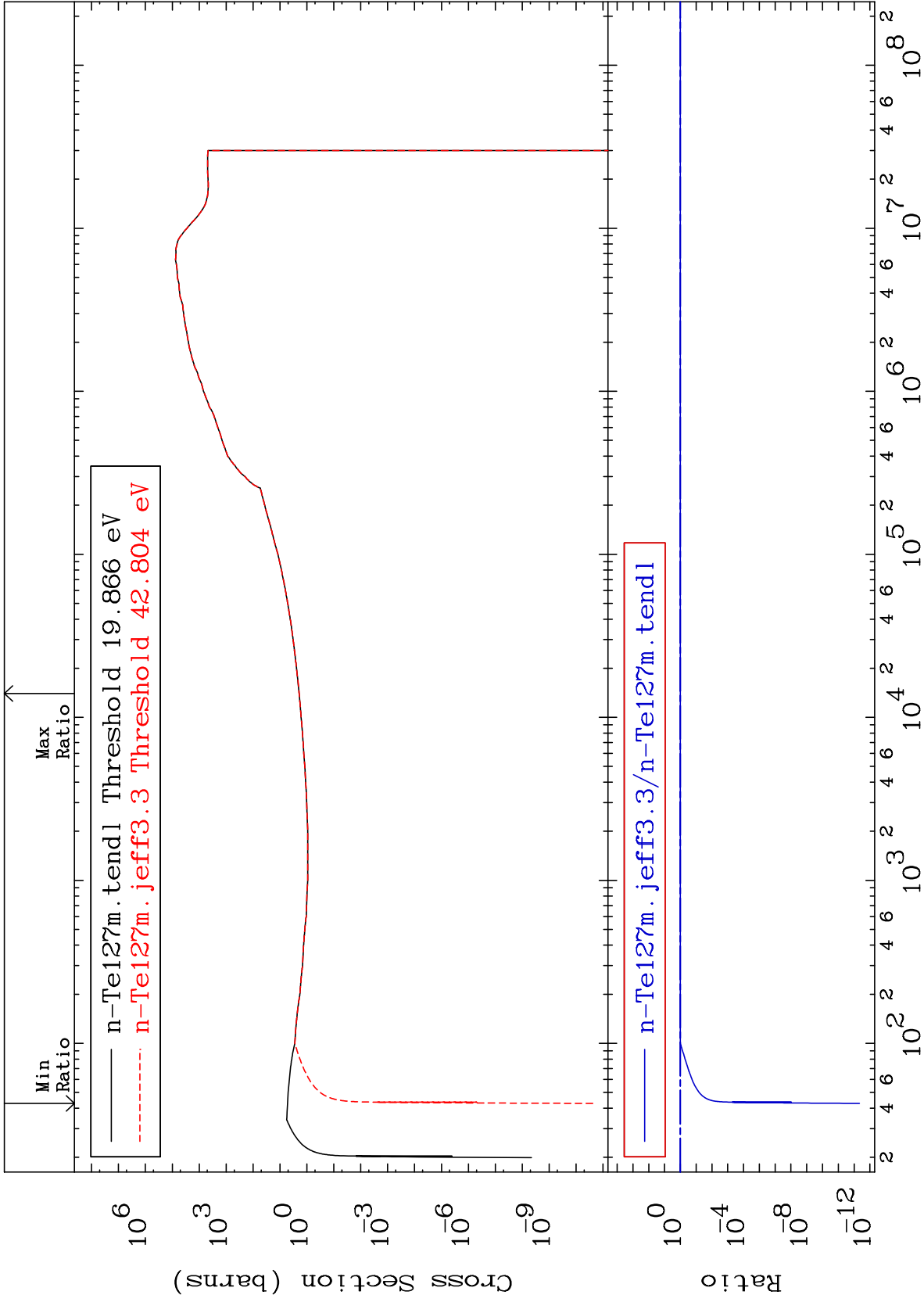
52-Te-127
-0.566 To 2.008 %

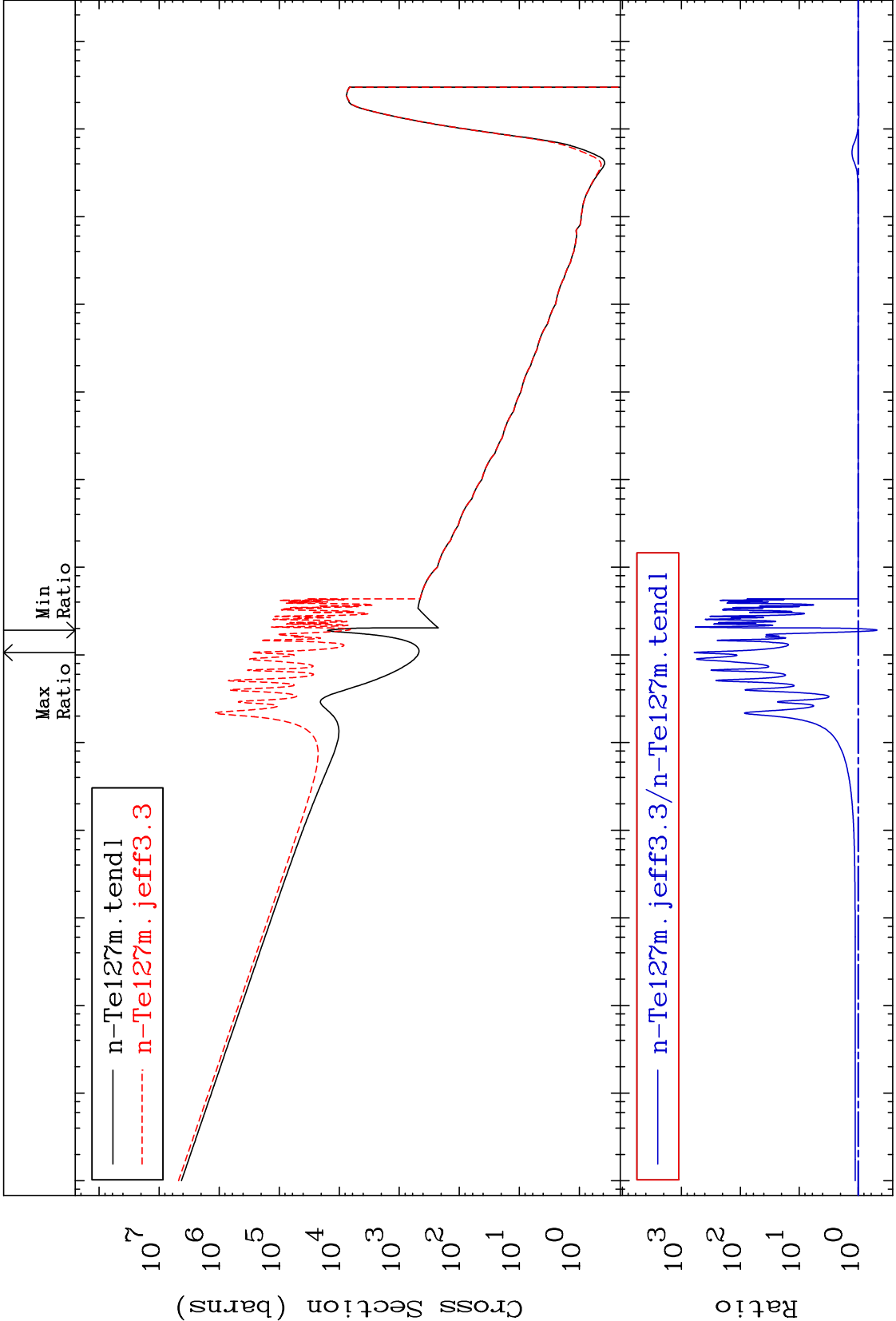


72

Incident Energy (eV)

52-Te-127





MAT 5247

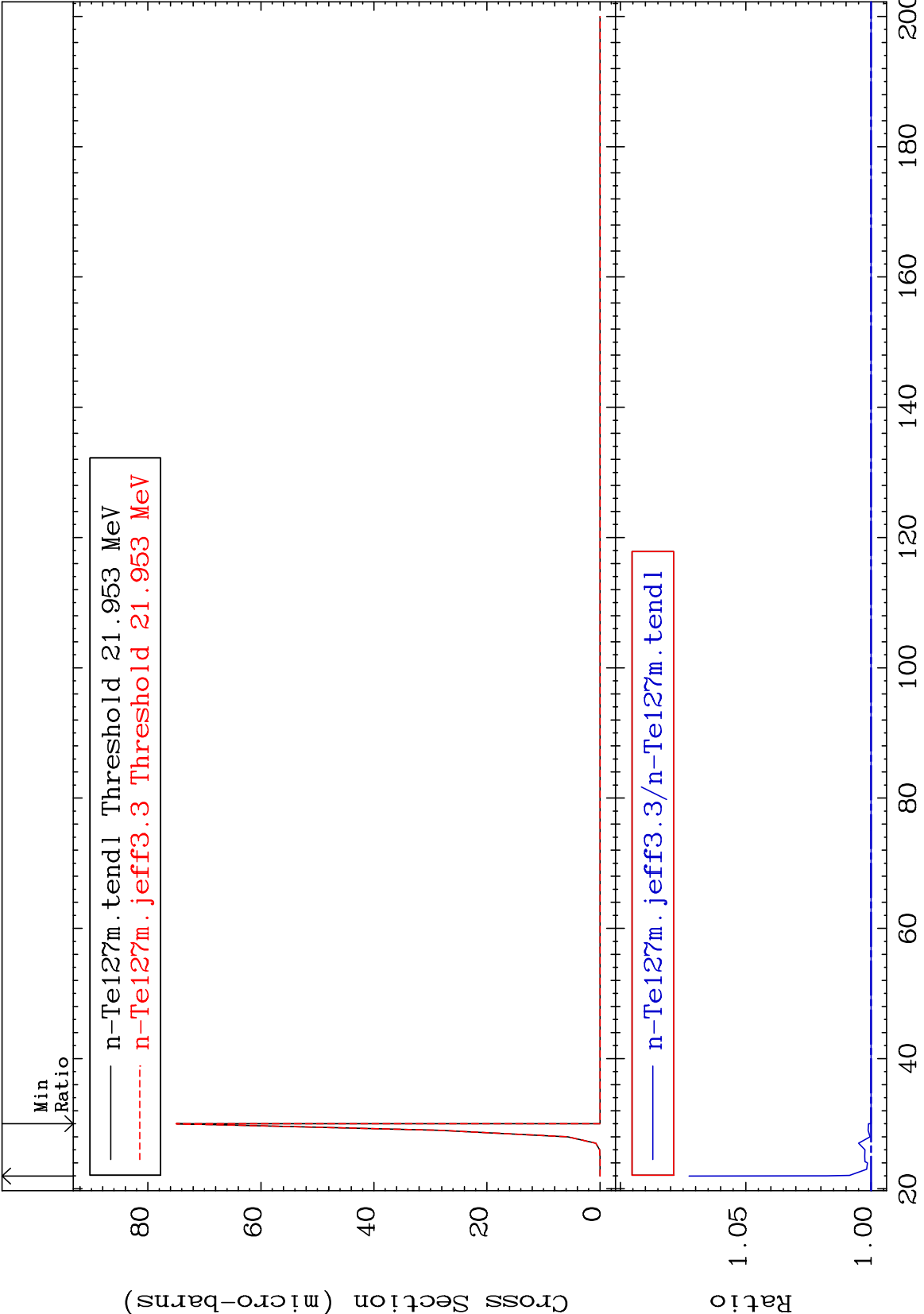
(n,2n) d:51-Sb-124g

52-Te-127

Radionuclide Production Cross Section

0.000

To 7.260 %



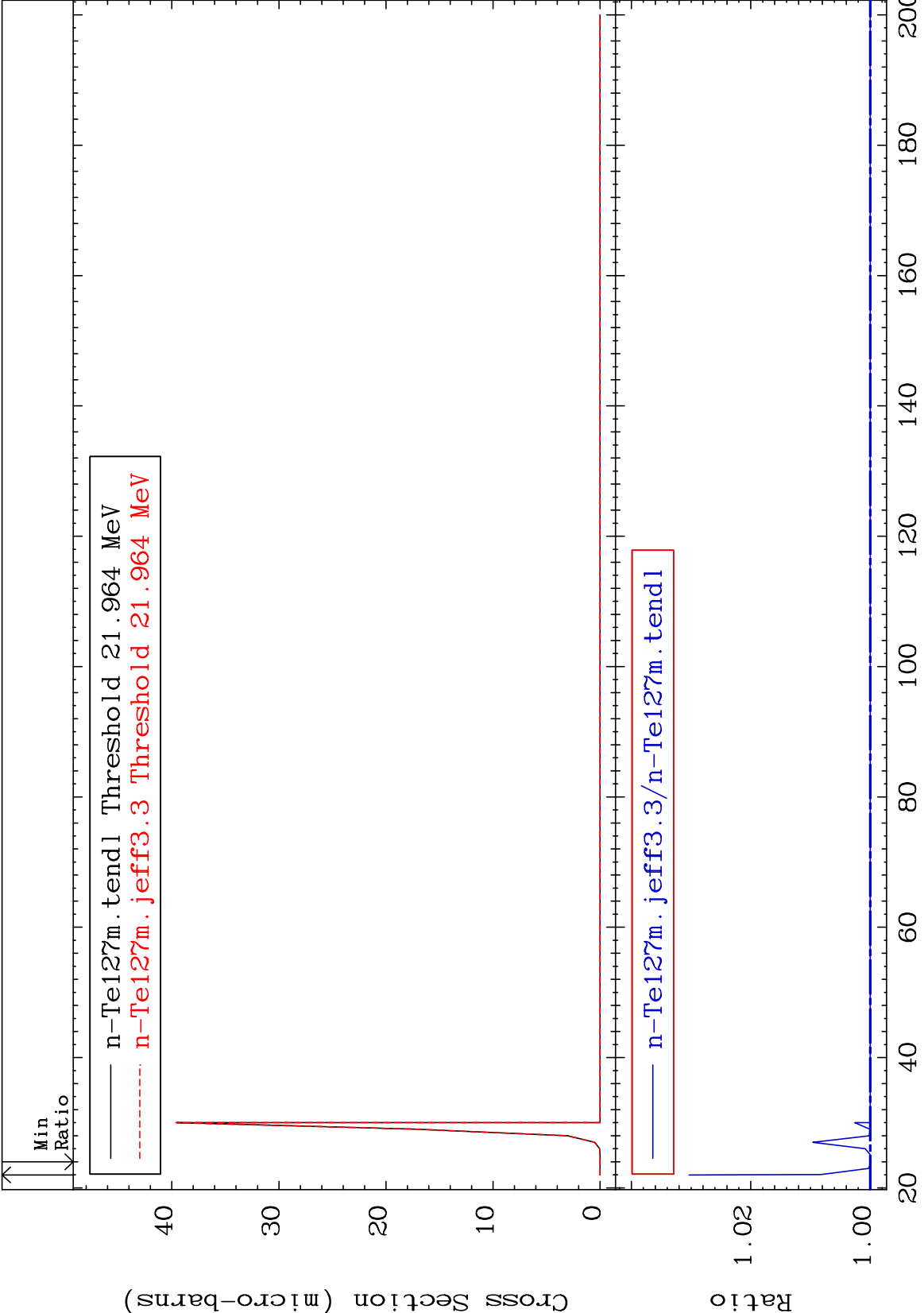
MAT 5247

(n,2n) d:51-Sb-124m1

52-Te-127

Radionuclide Production Cross Section

-0.015 To 3.034 %



Incident Energy (MeV)

52-Te-127

76

MAT 5247

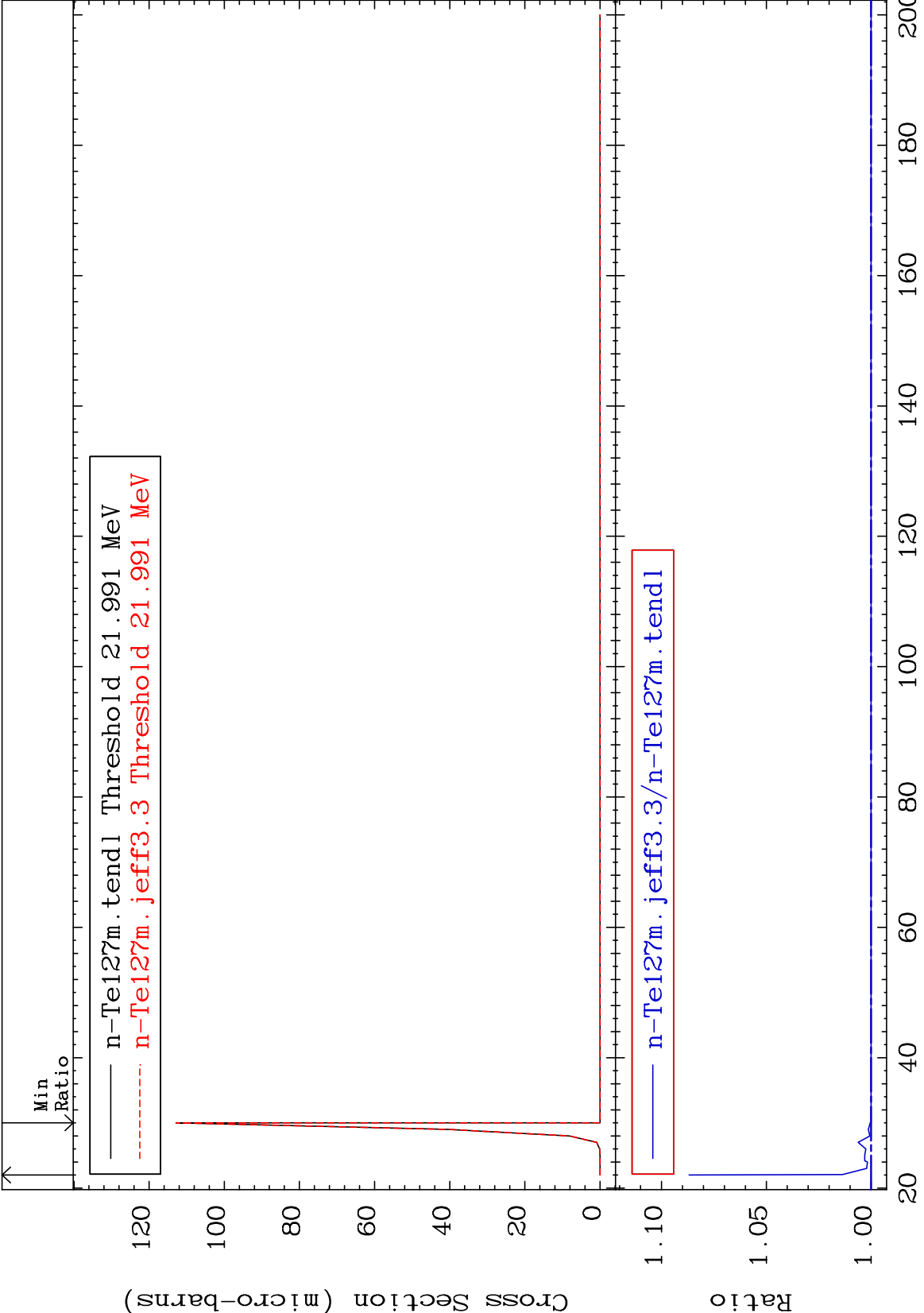
(n,2n) d:51-Sb-124m2

52-Te-127

Radionuclide Production Cross Section

0.000

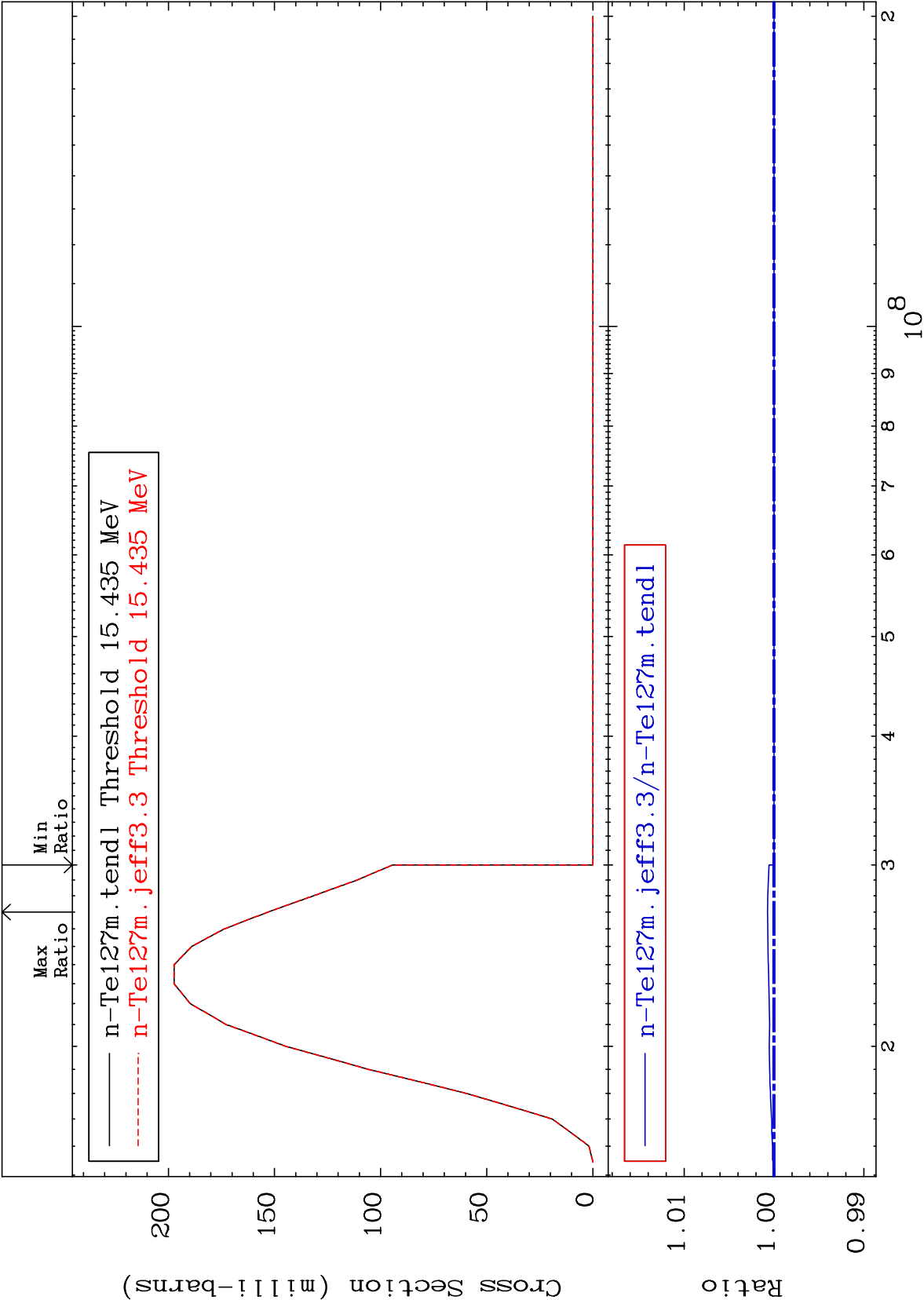
To 8.684 %



77

Incident Energy (MeV)

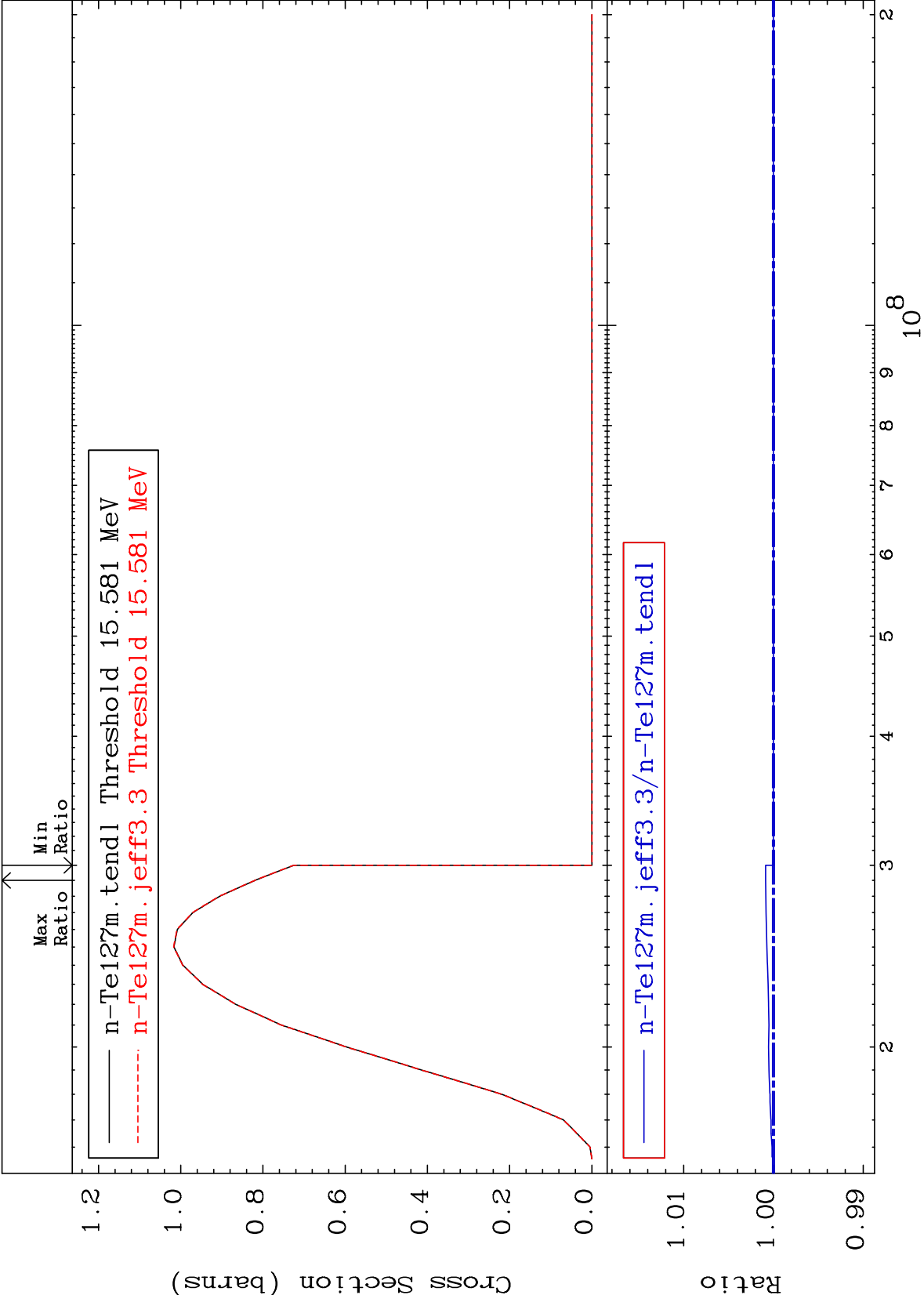
52-Te-127

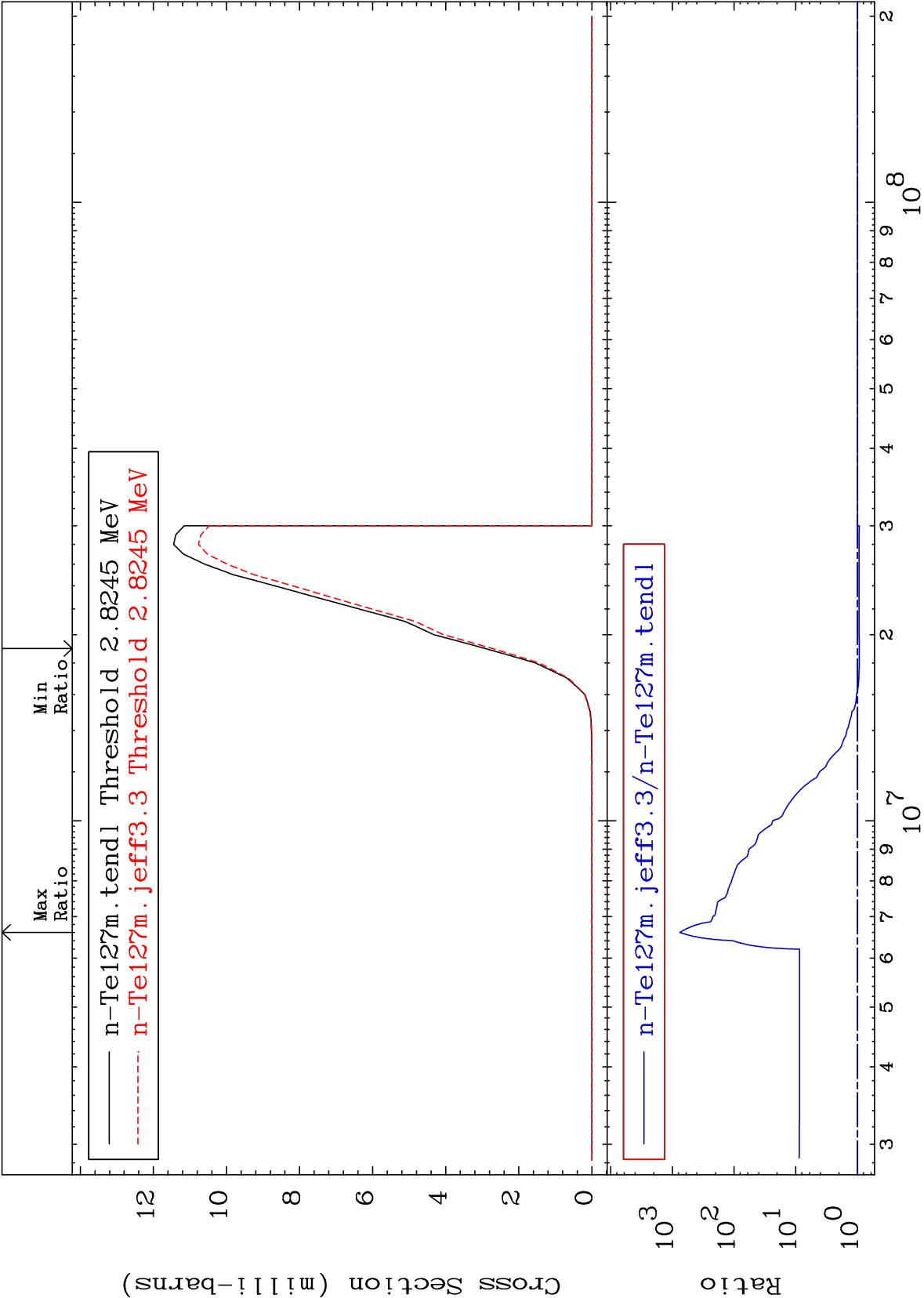


Radionuclide Production Cross Section

0.000

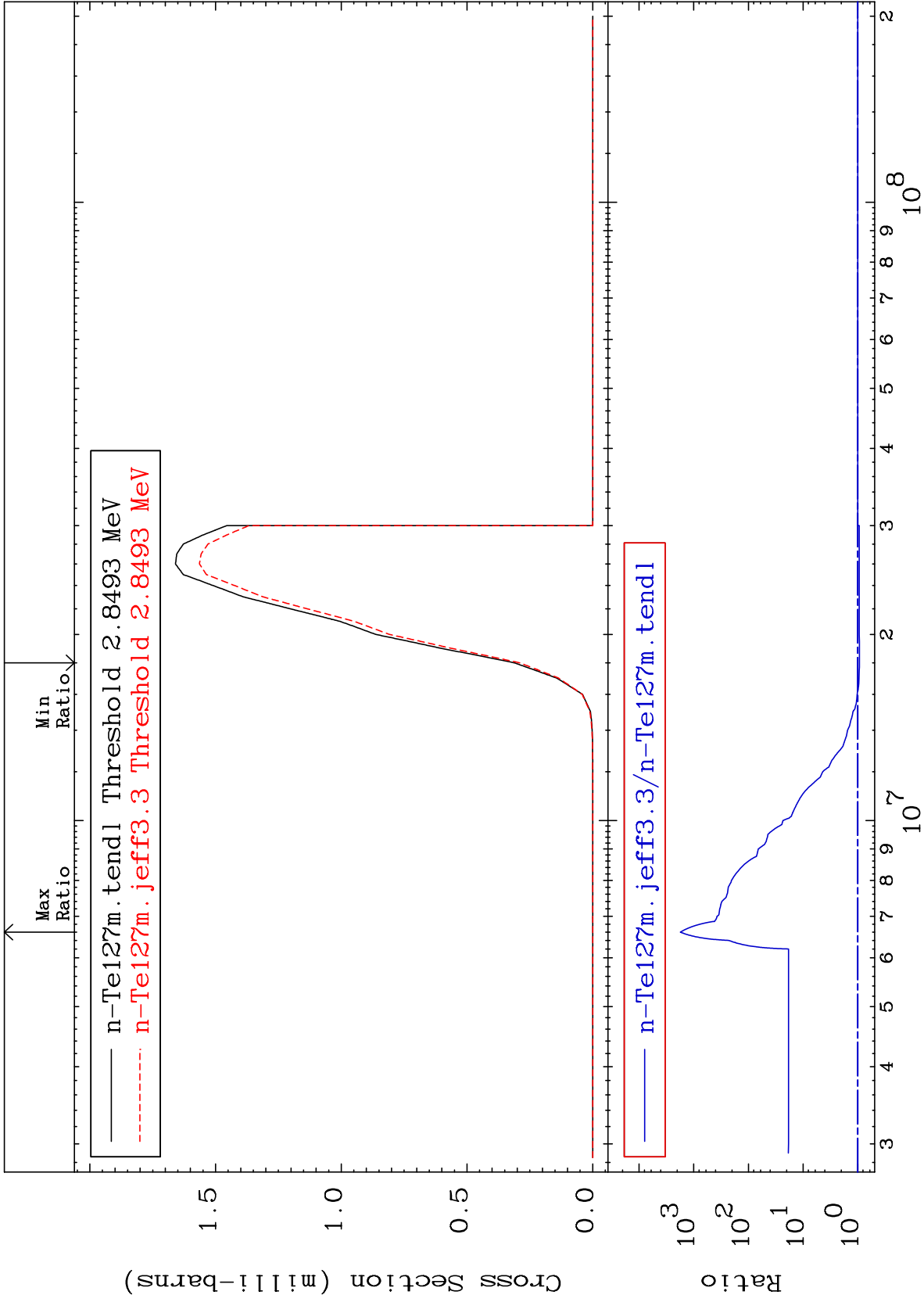
To 0.087 %

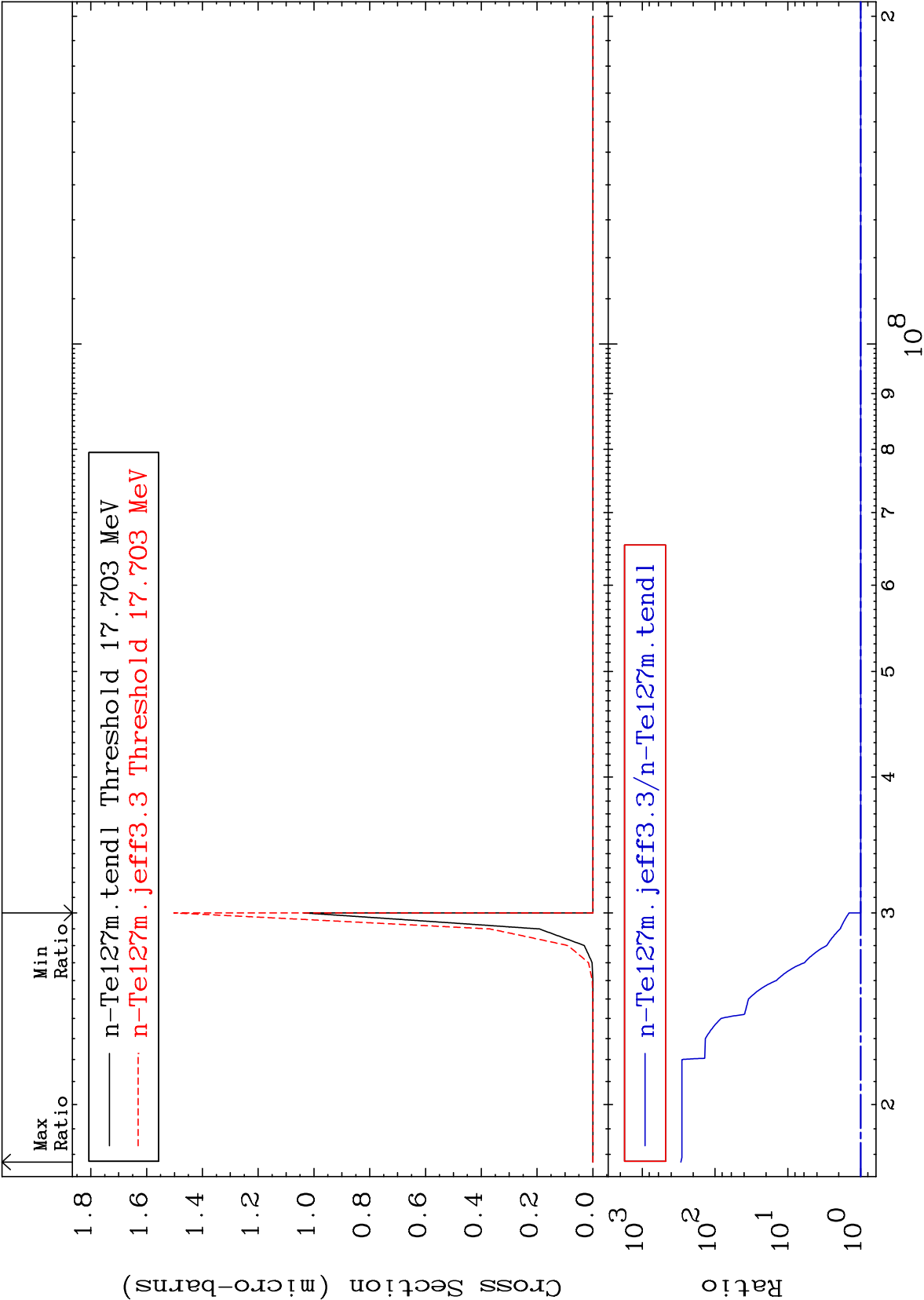




Radionuclide Production Cross Section

-6.786 To 9999. %

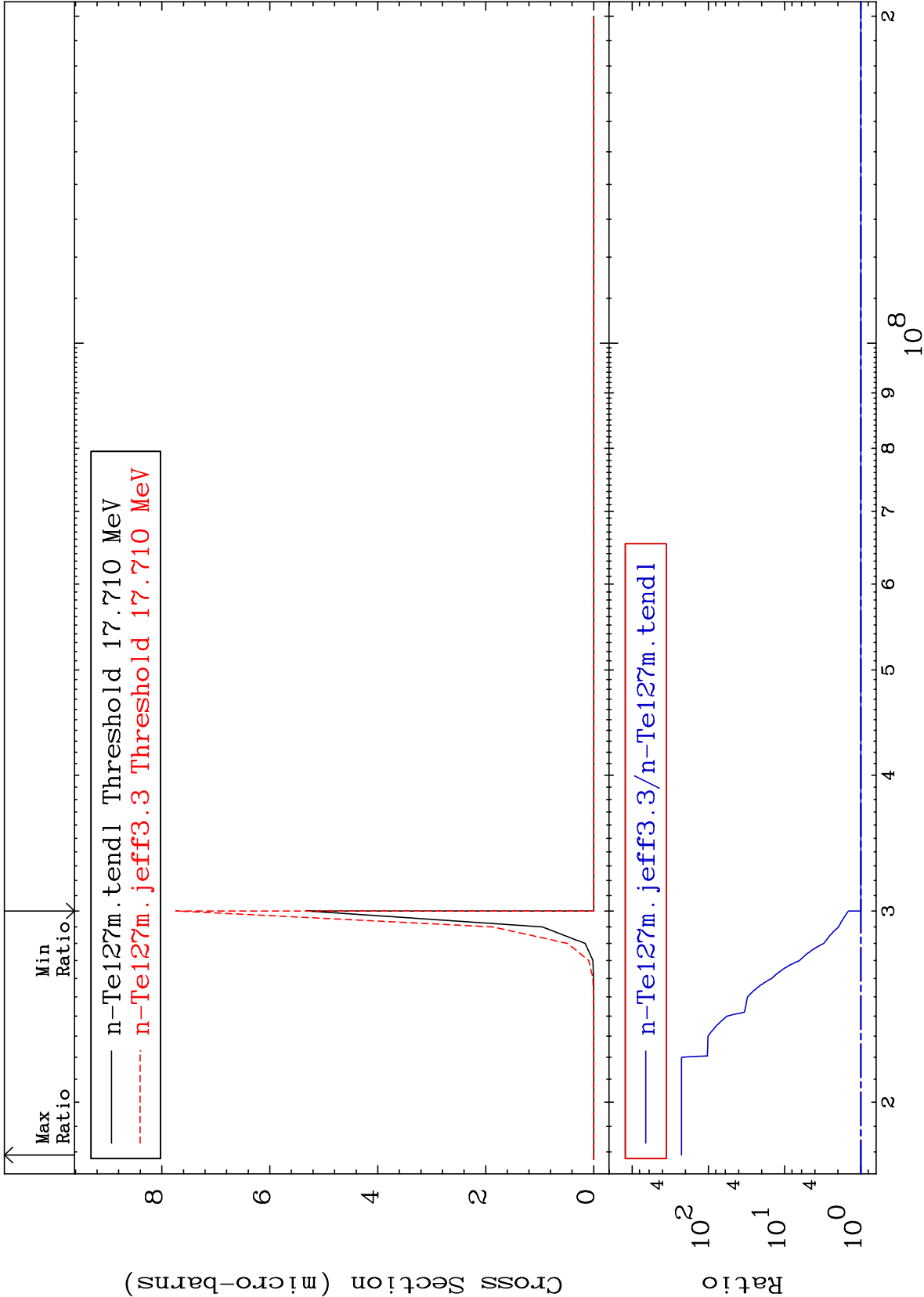




Radionuclide Production Cross Section

0.000

To 9999. %



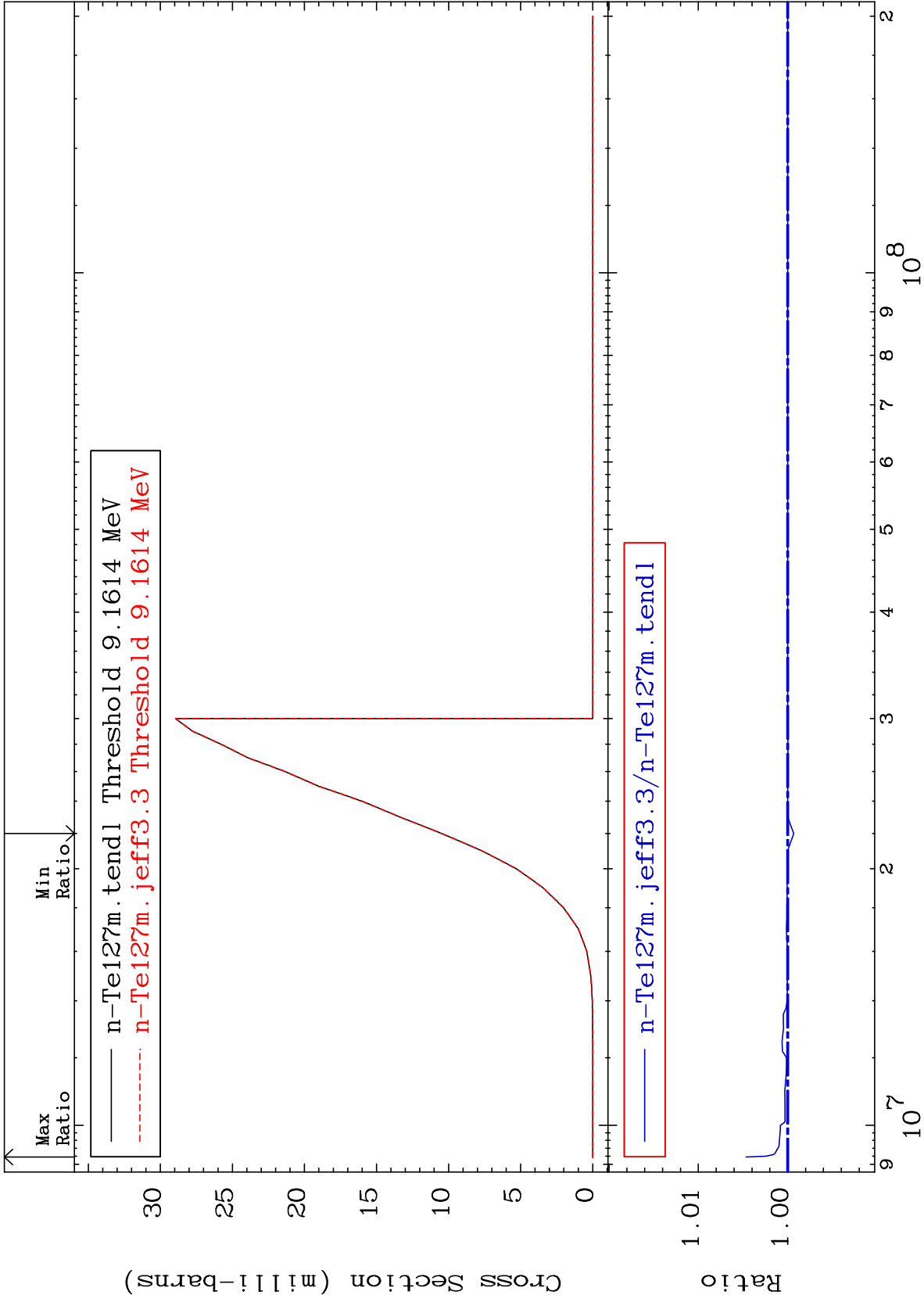
MAT 5247

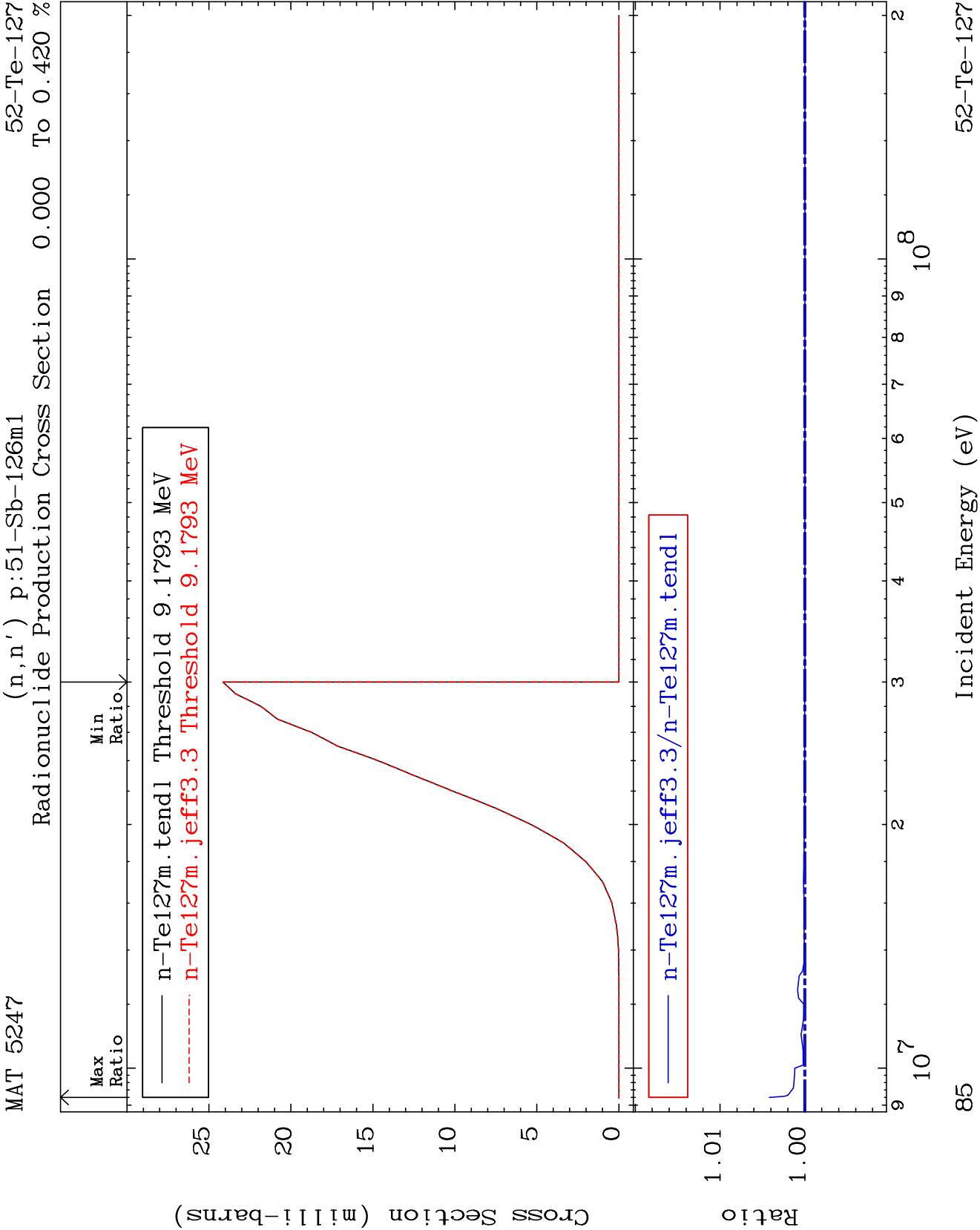
(n,n') p:51-Sb-126g

52-Te-127

Radionuclide Production Cross Section

-0.068 To 0.466 %





MAT 5247

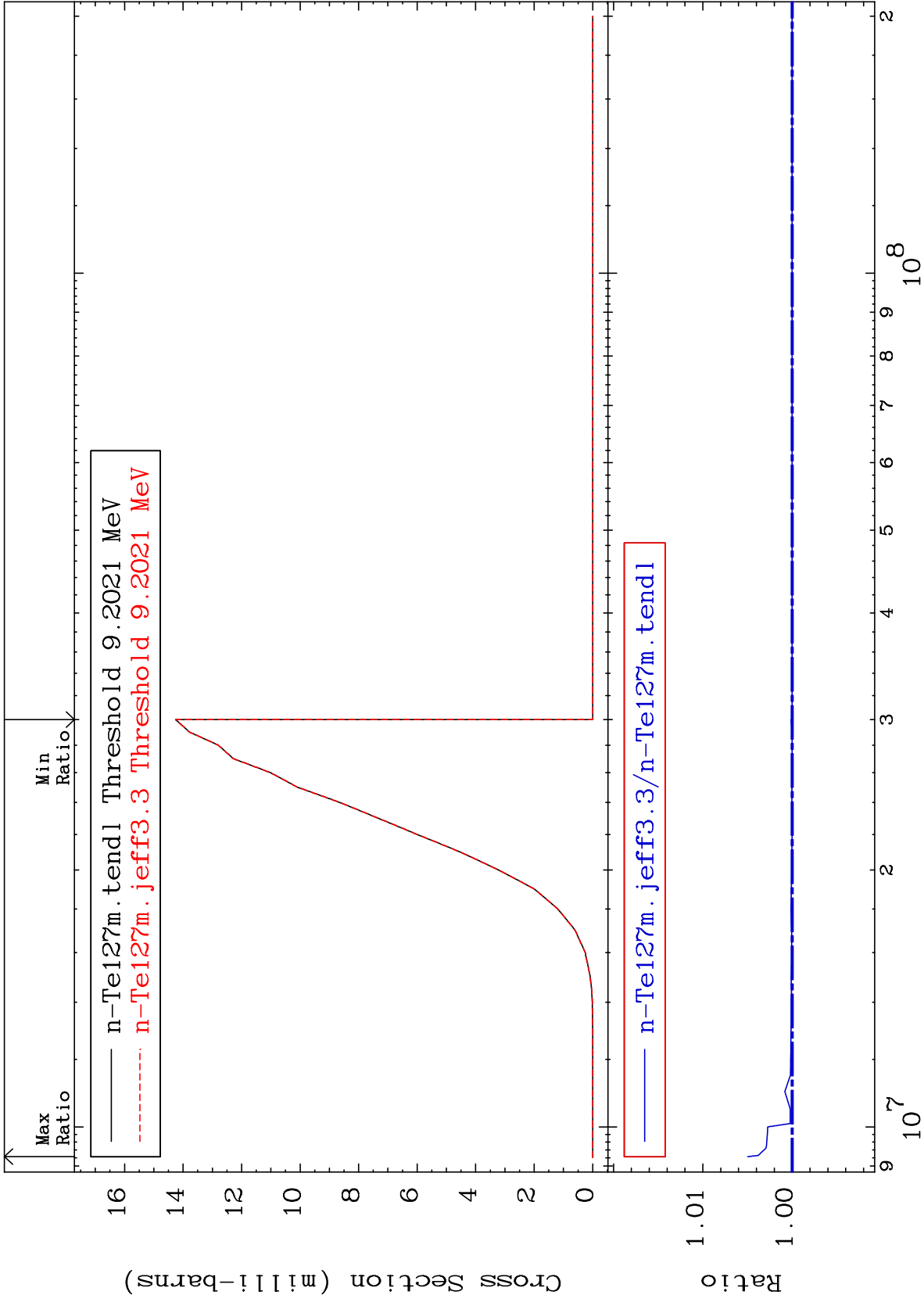
(n,n') p:51-Sb-126m2

52-Te-127

Radionuclide Production Cross Section

0.000

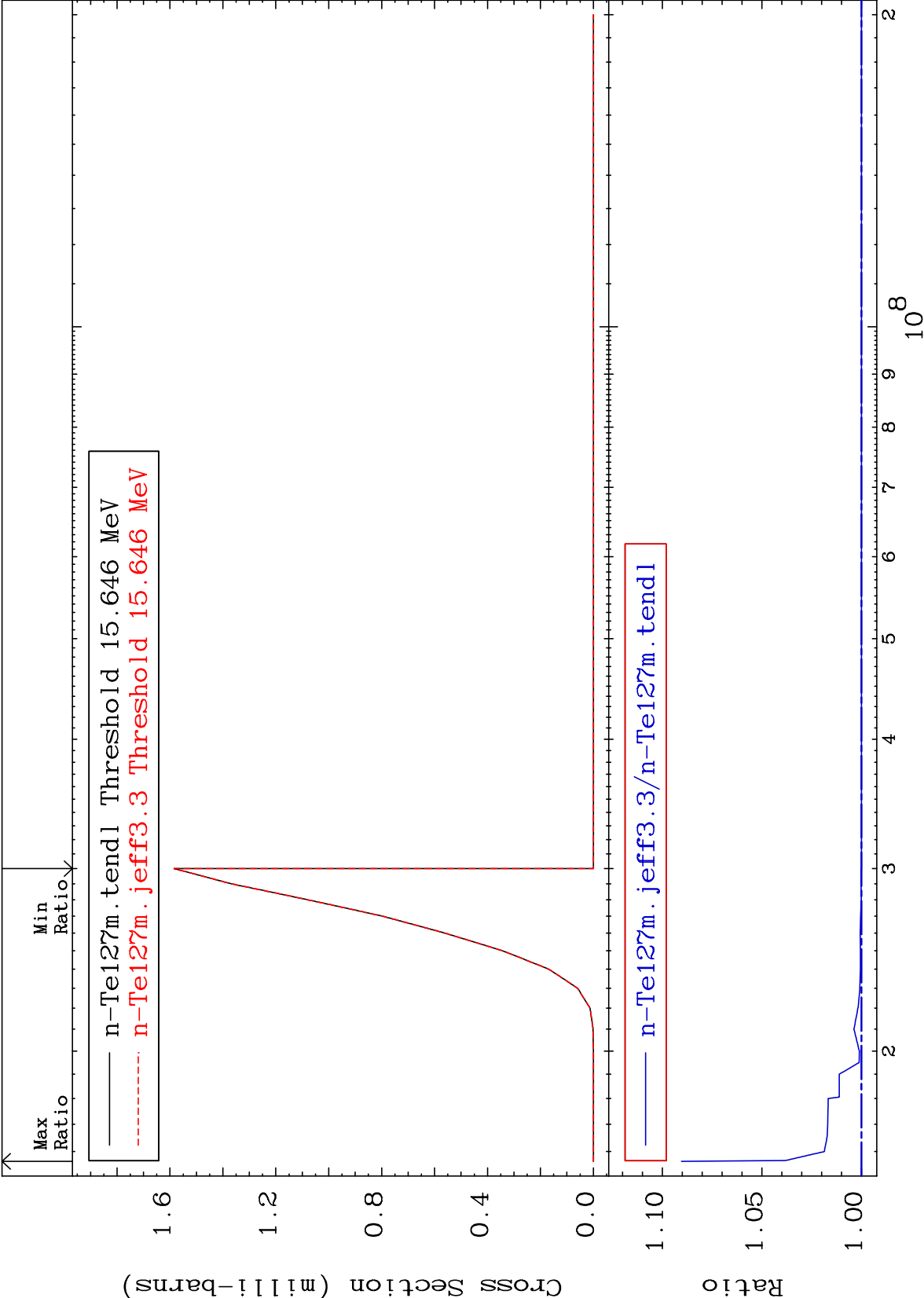
To 0.498 %

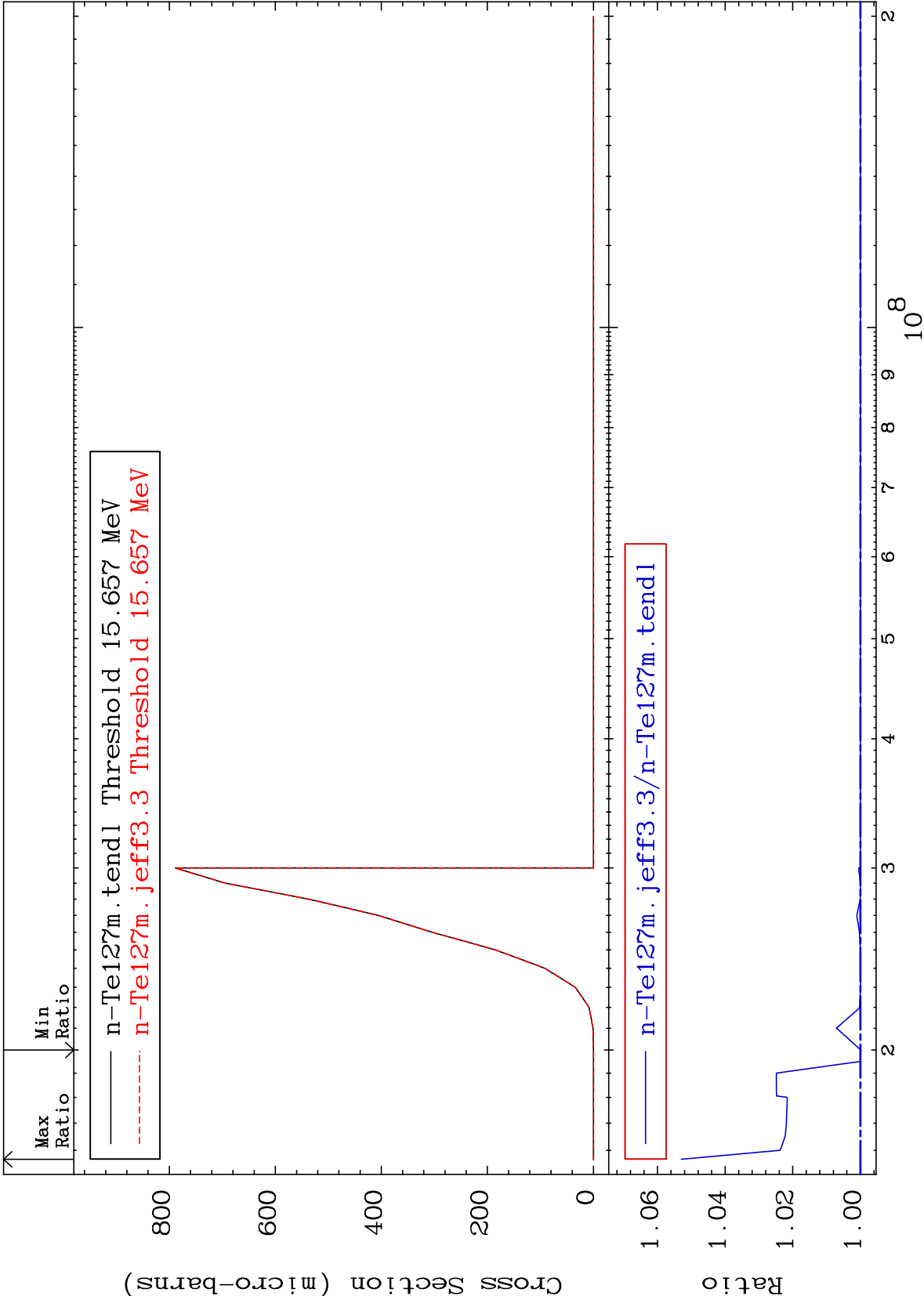


86

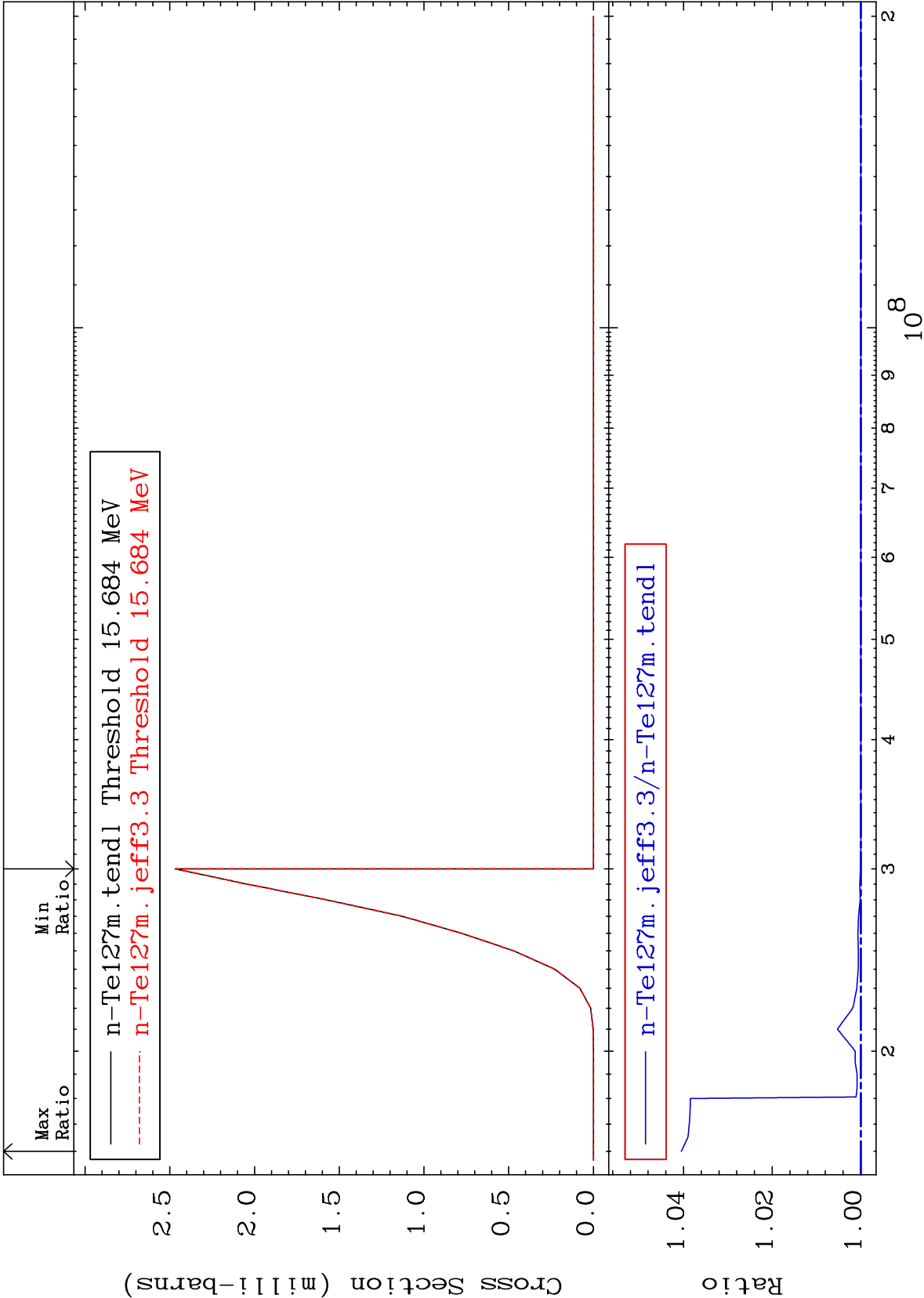
Incident Energy (eV)

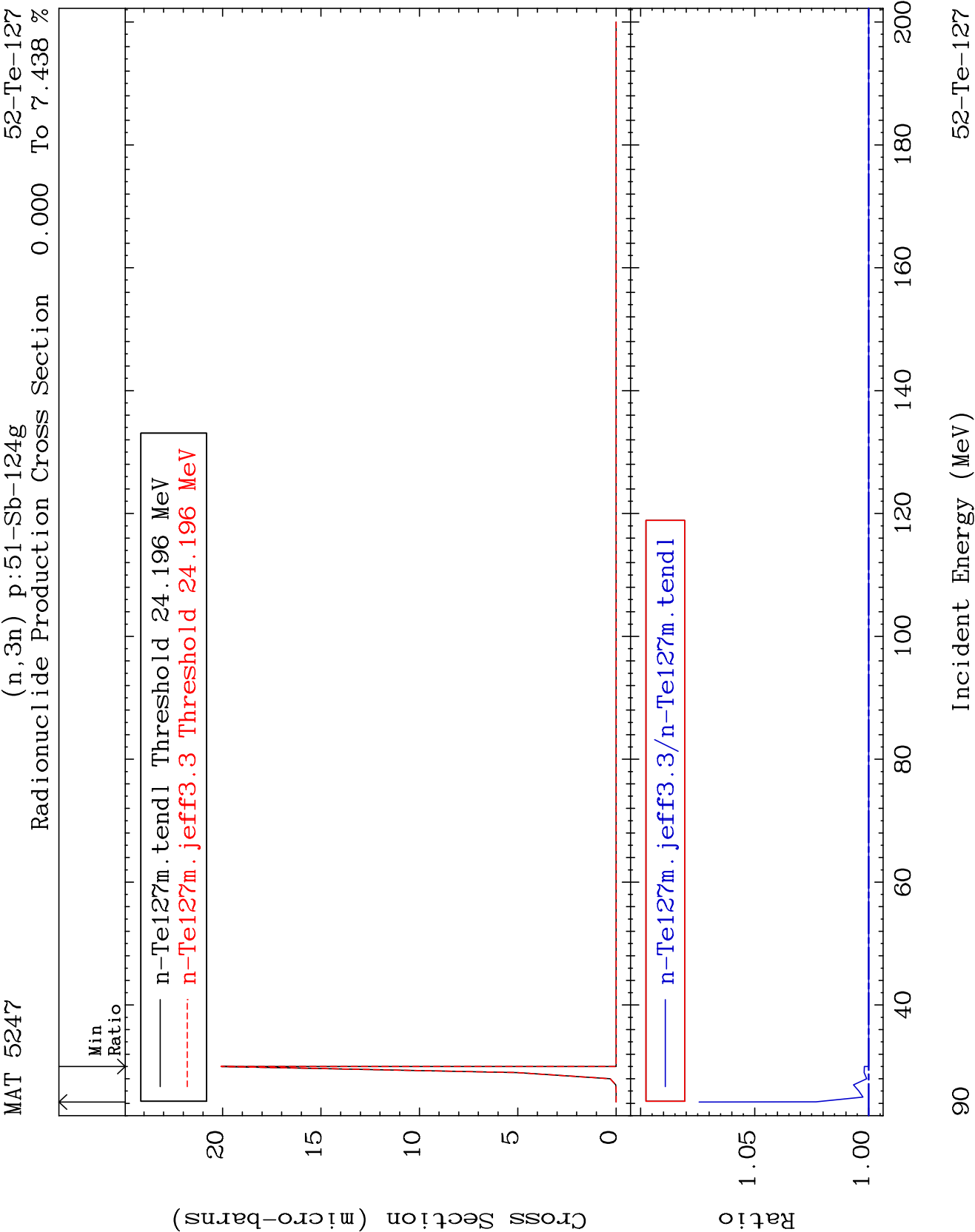
52-Te-127

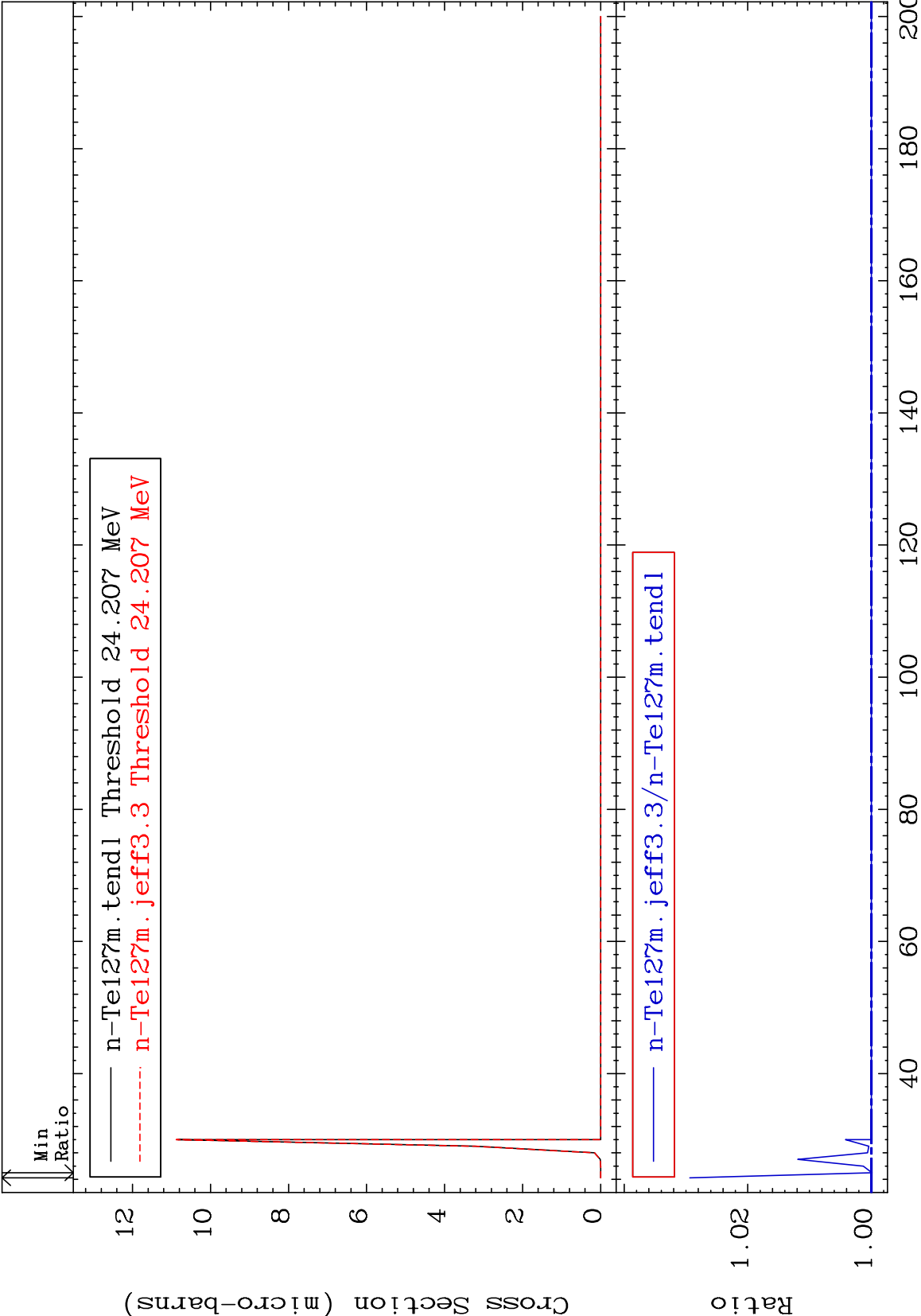


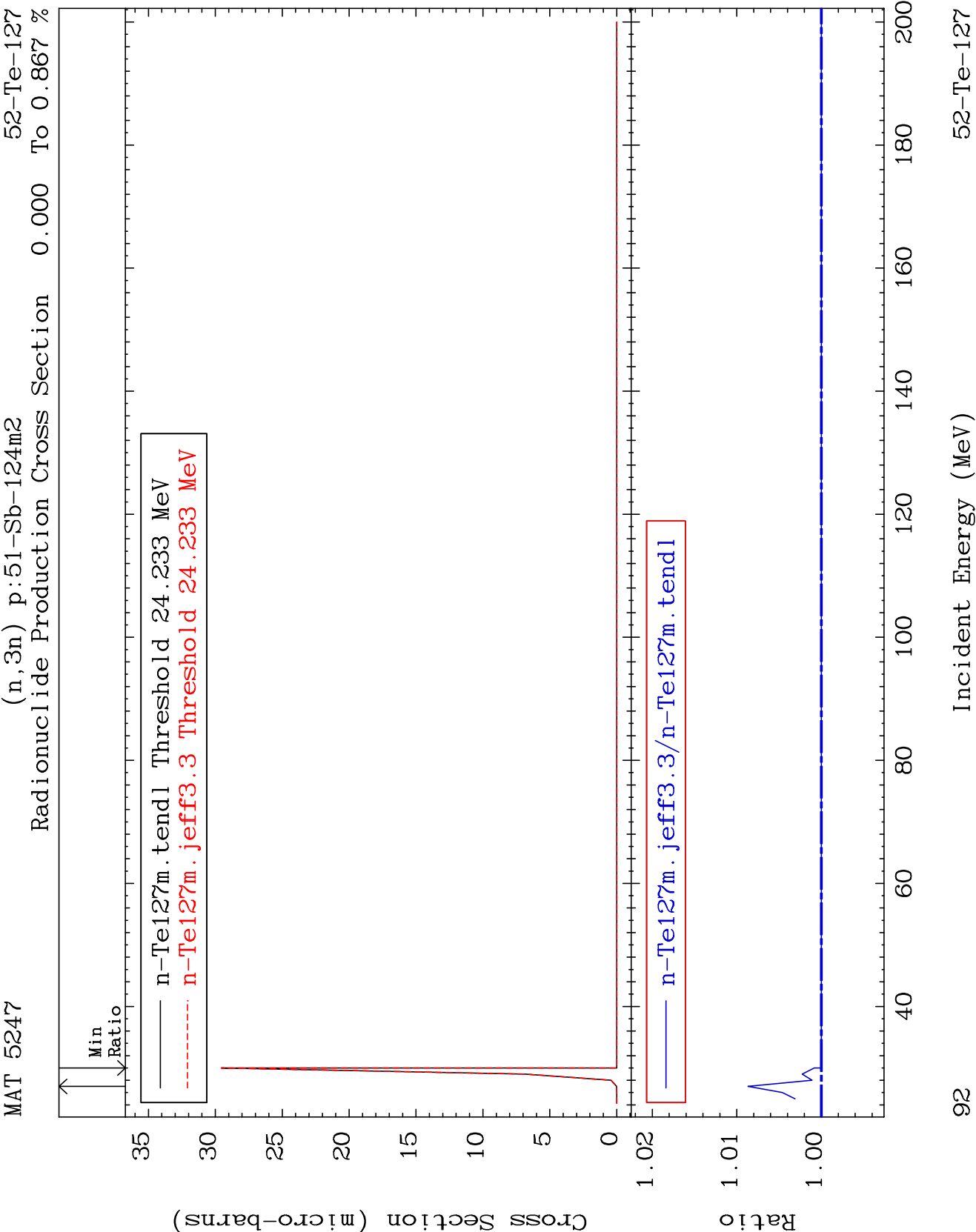


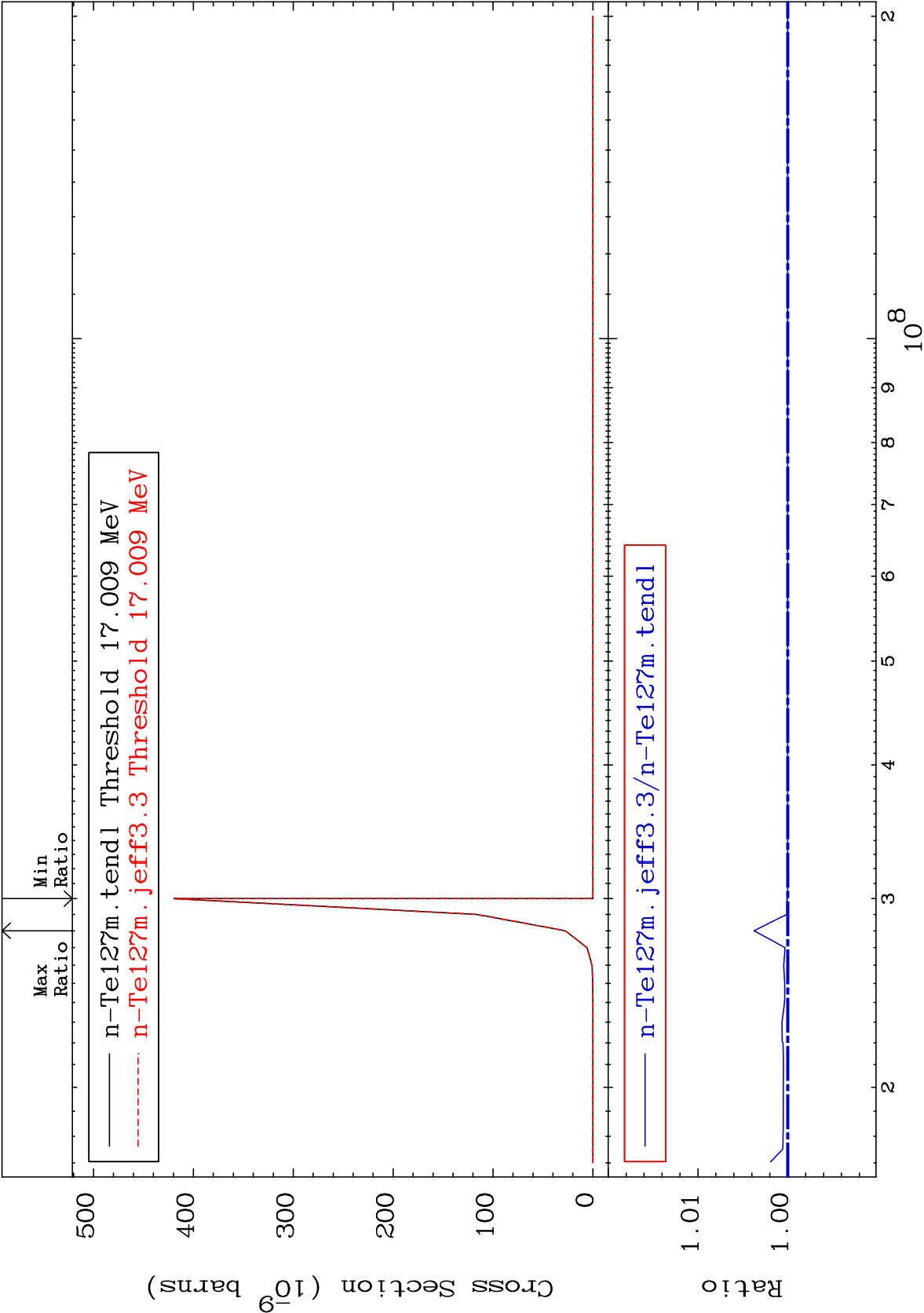
Radionuclide Production Cross Section 0.000 To 4.051 %

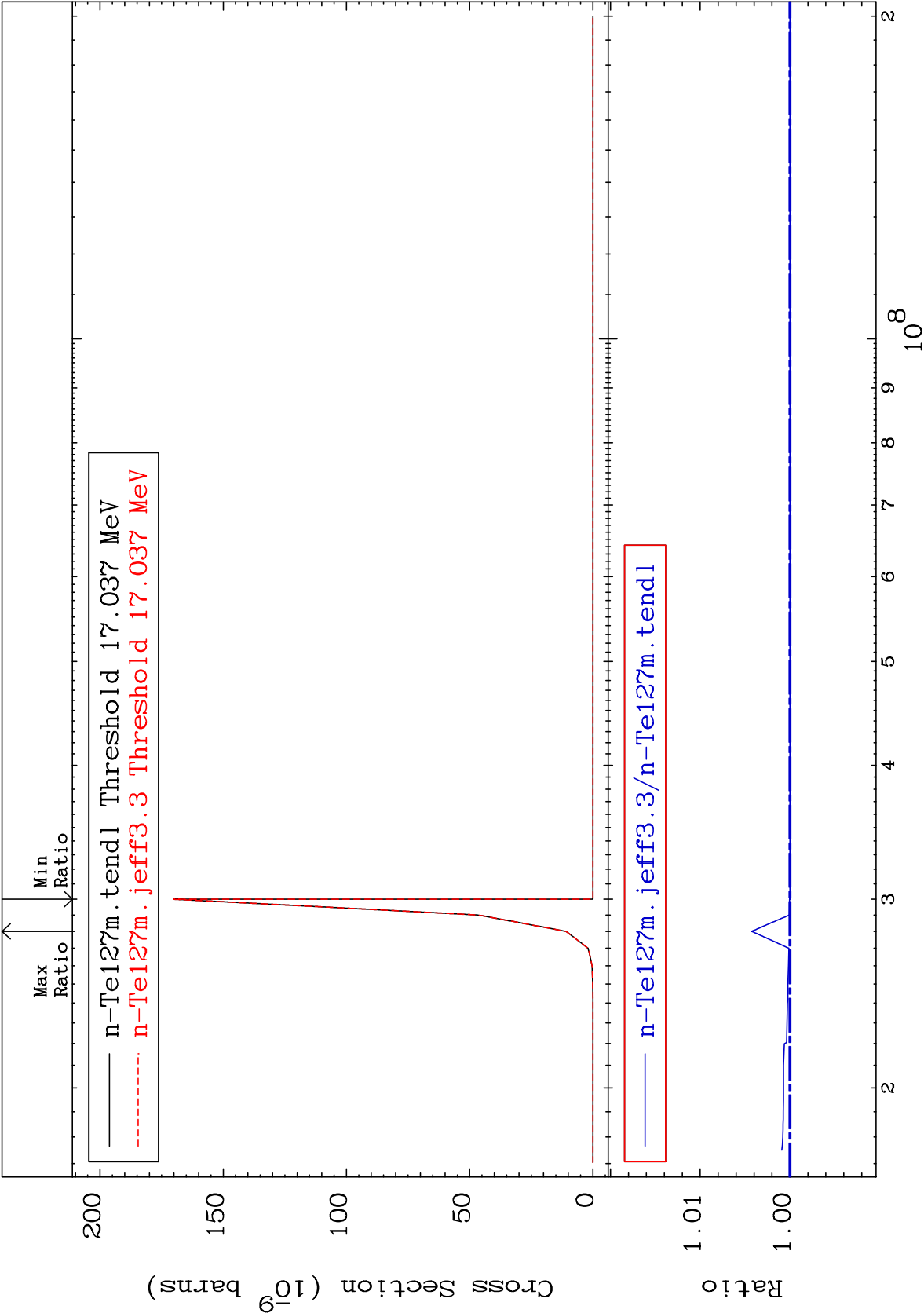


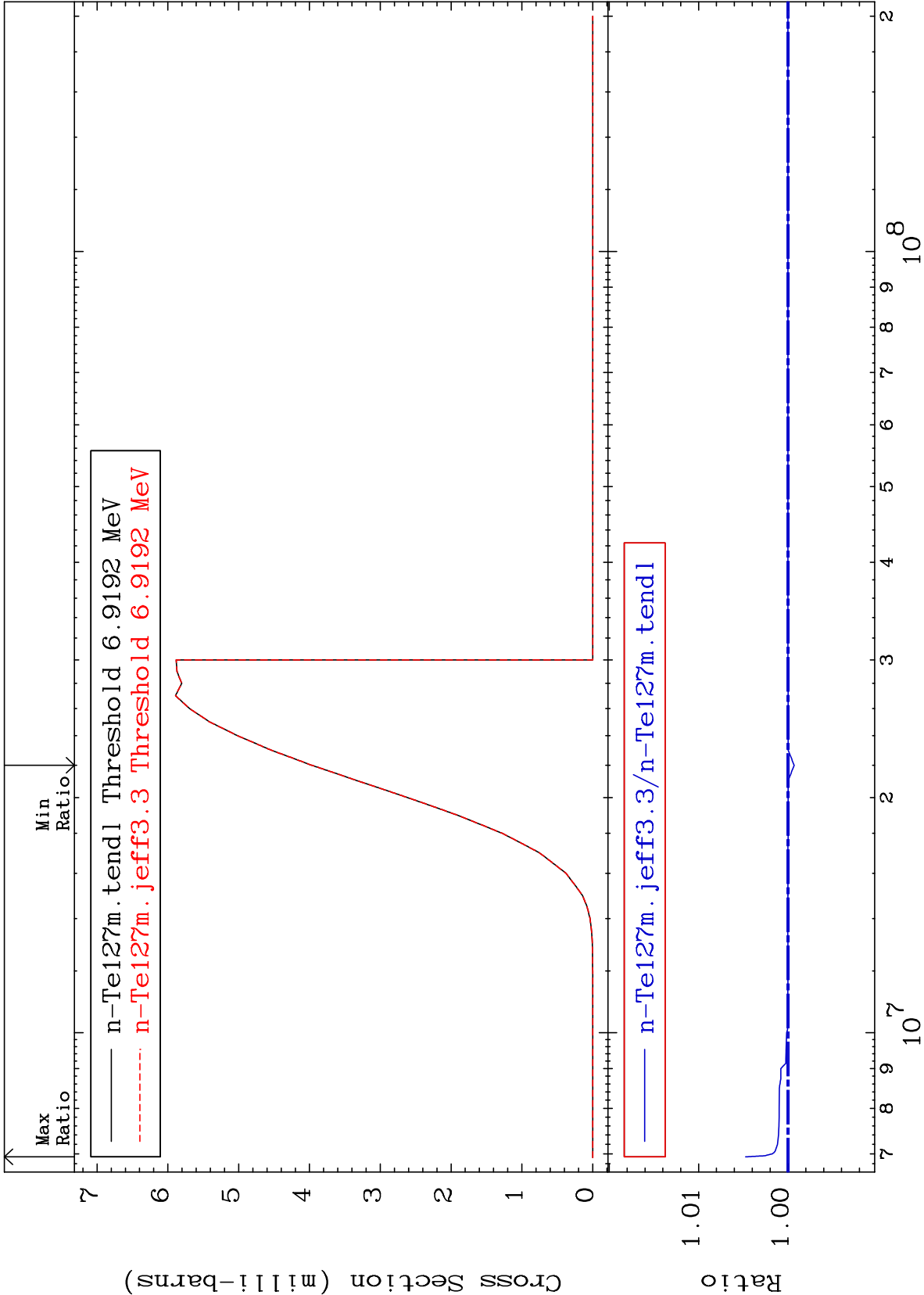












MAT 5247

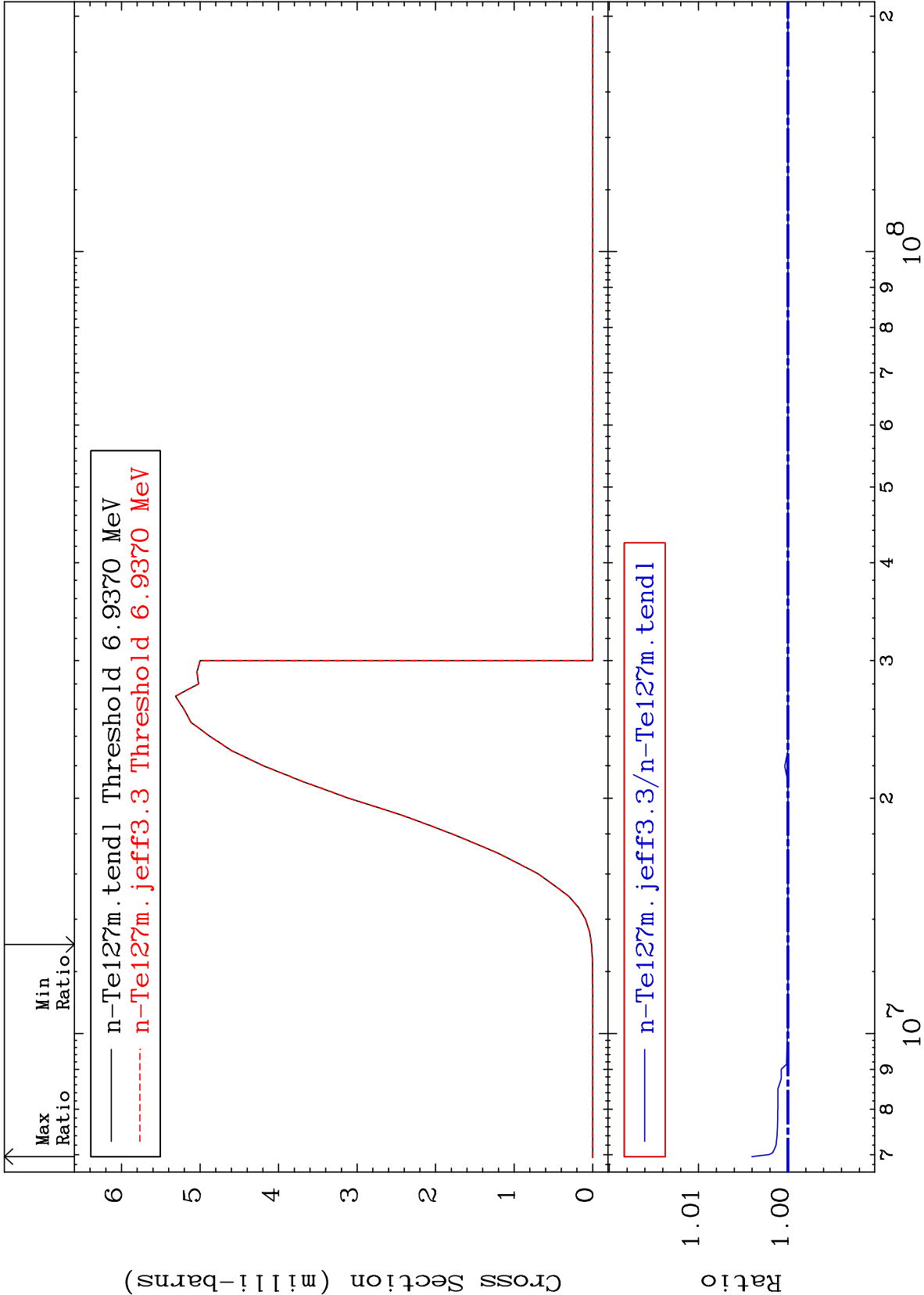
(n,d):51-Sb-126m1

52-Te-127

Radionuclide Production Cross Section

0.000

To 0.403 %



MAT 5247

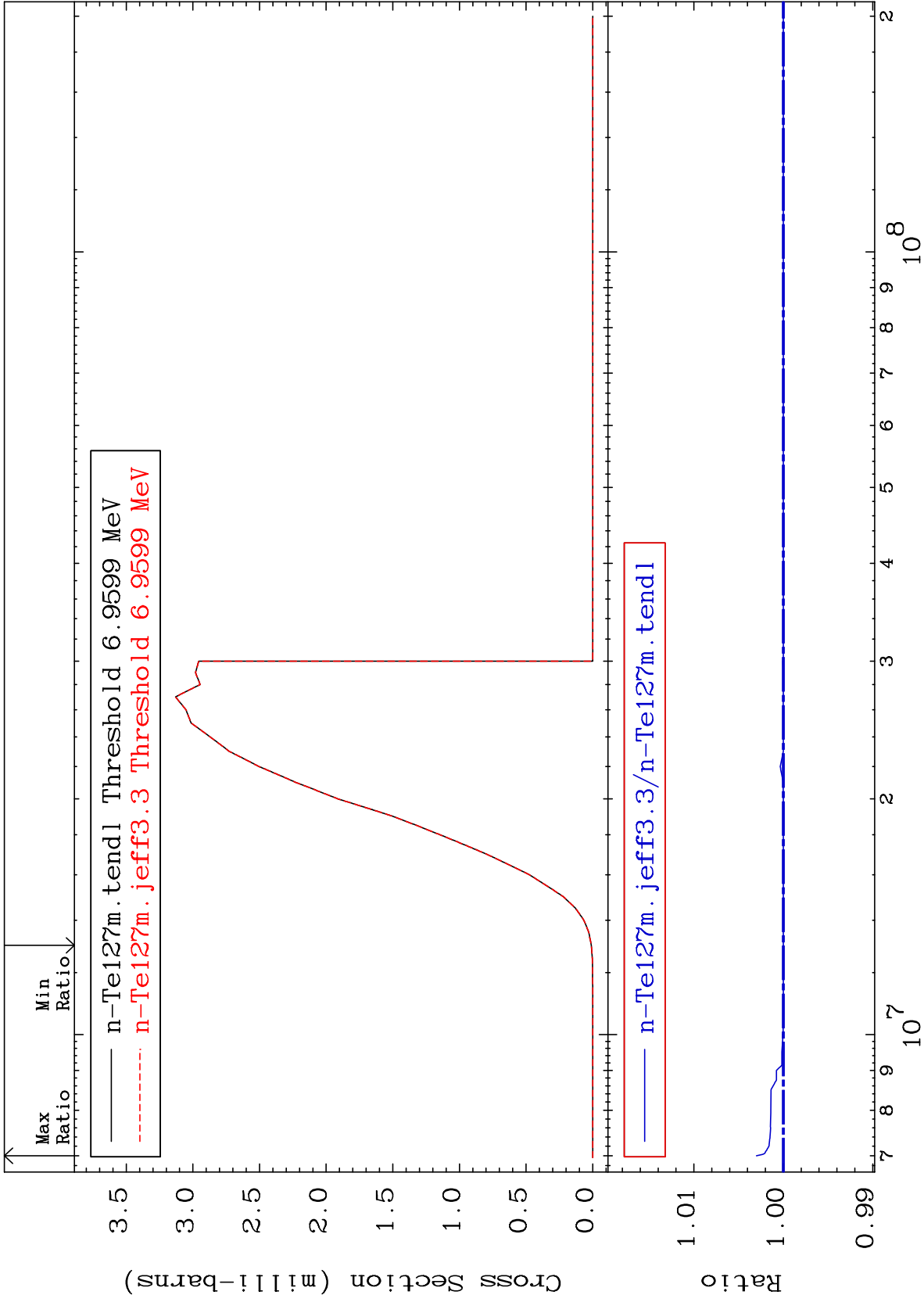
(n,d):51-Sb-126m2

52-Te-127

Radionuclide Production Cross Section

0.000

To 0.301 %



MAT 5247

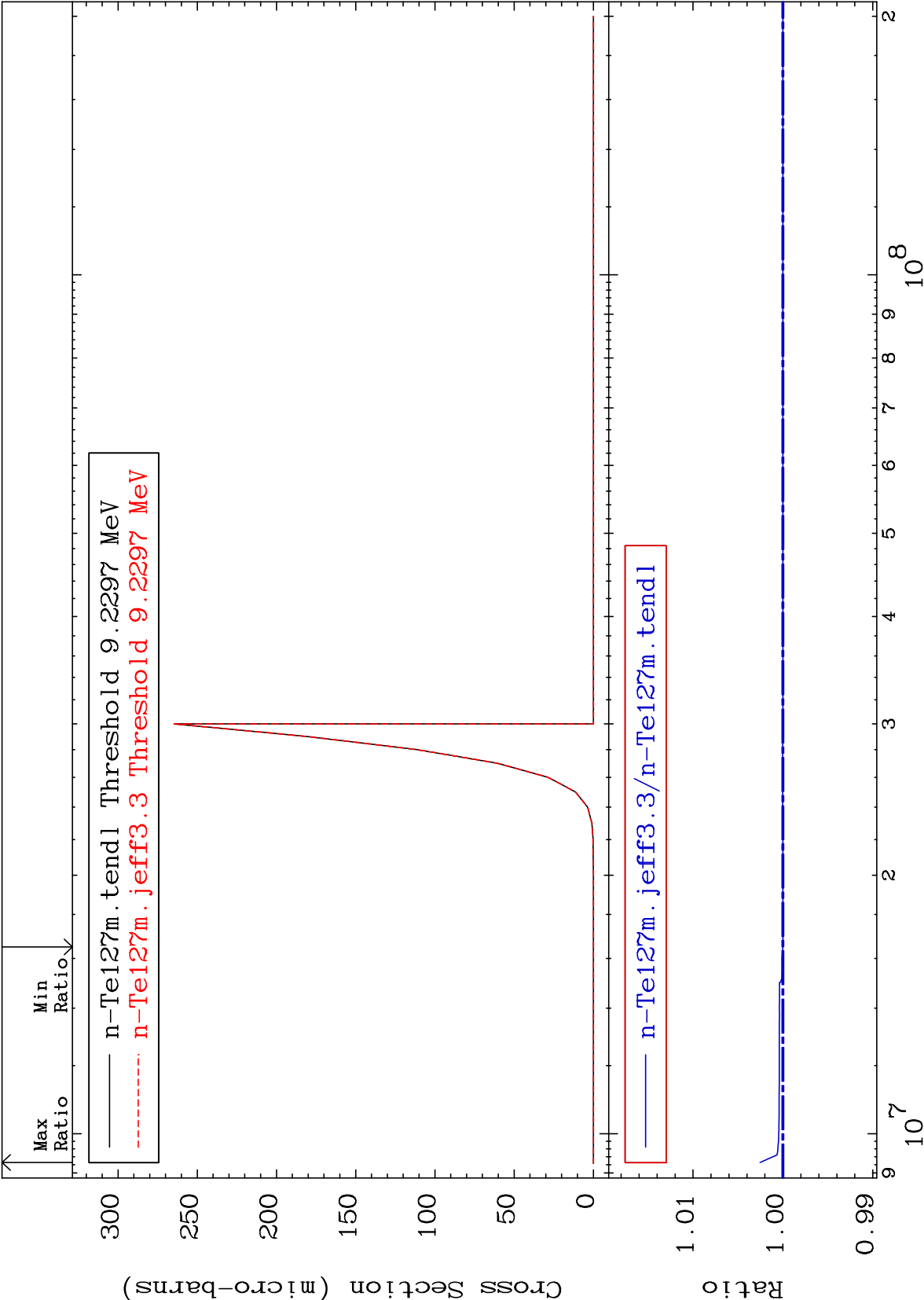
(n,He-3):50-Sn-125g

52-Te-127

Radionuclide Production Cross Section

0.000

To 0.255 %



Incident Energy (eV)

52-Te-127

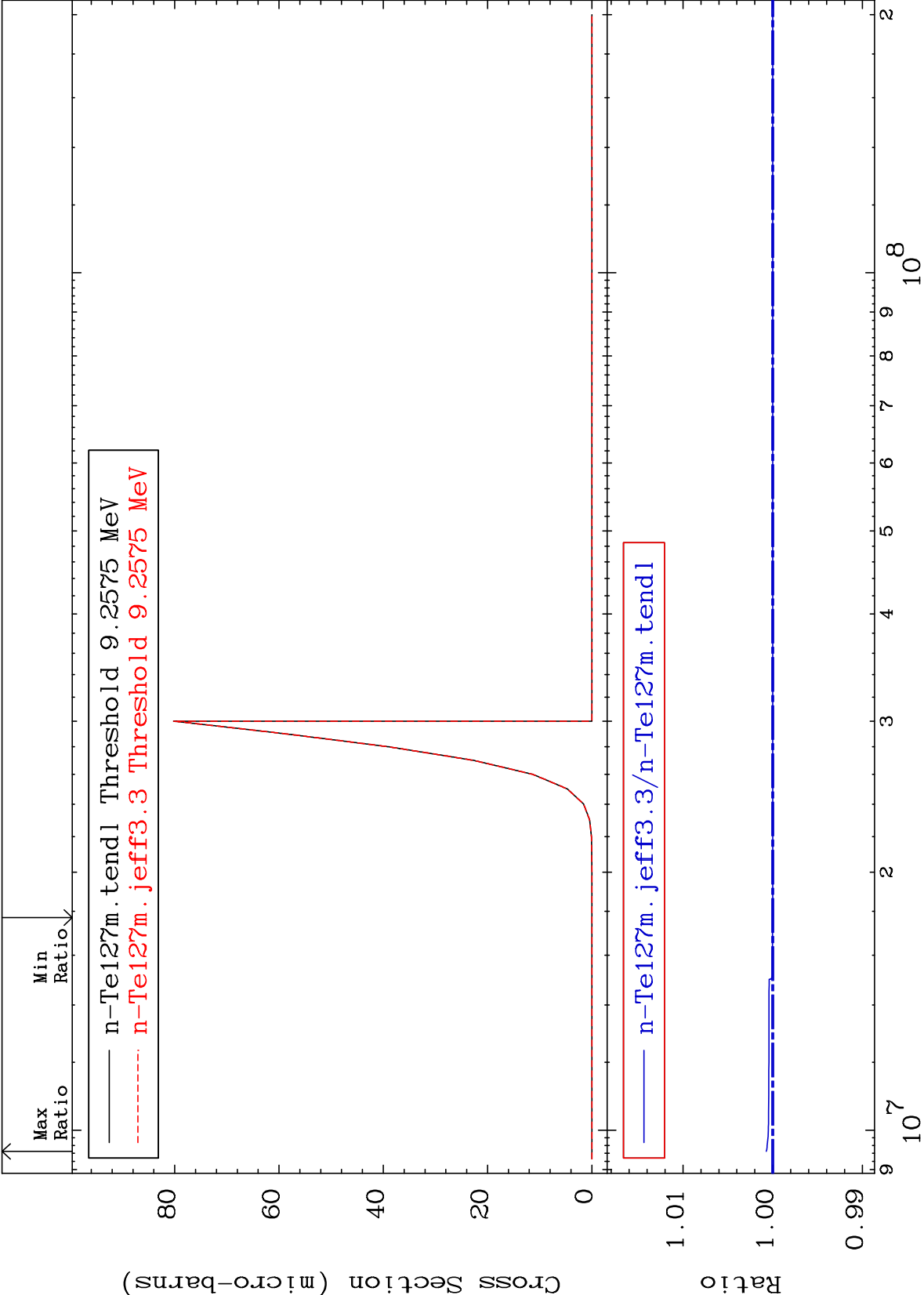
MAT 5247

(n,He-3):50-Sn-125m1

52-Te-127

Radionuclide Production Cross Section

-0.001 To 0.073 %



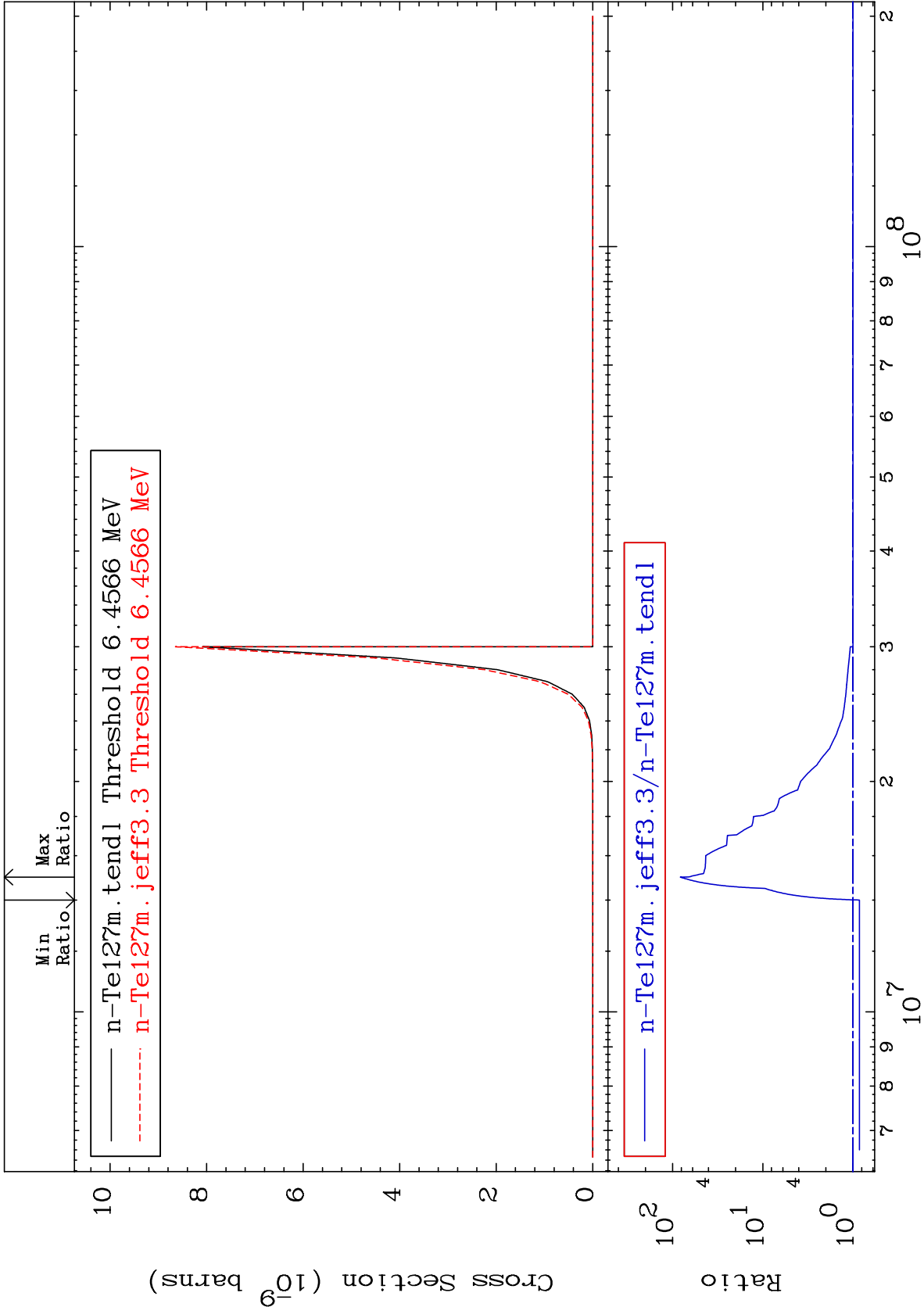
MAT 5247

(n,p) α :49-In-123g

52-Te-127

Radionuclide Production Cross Section

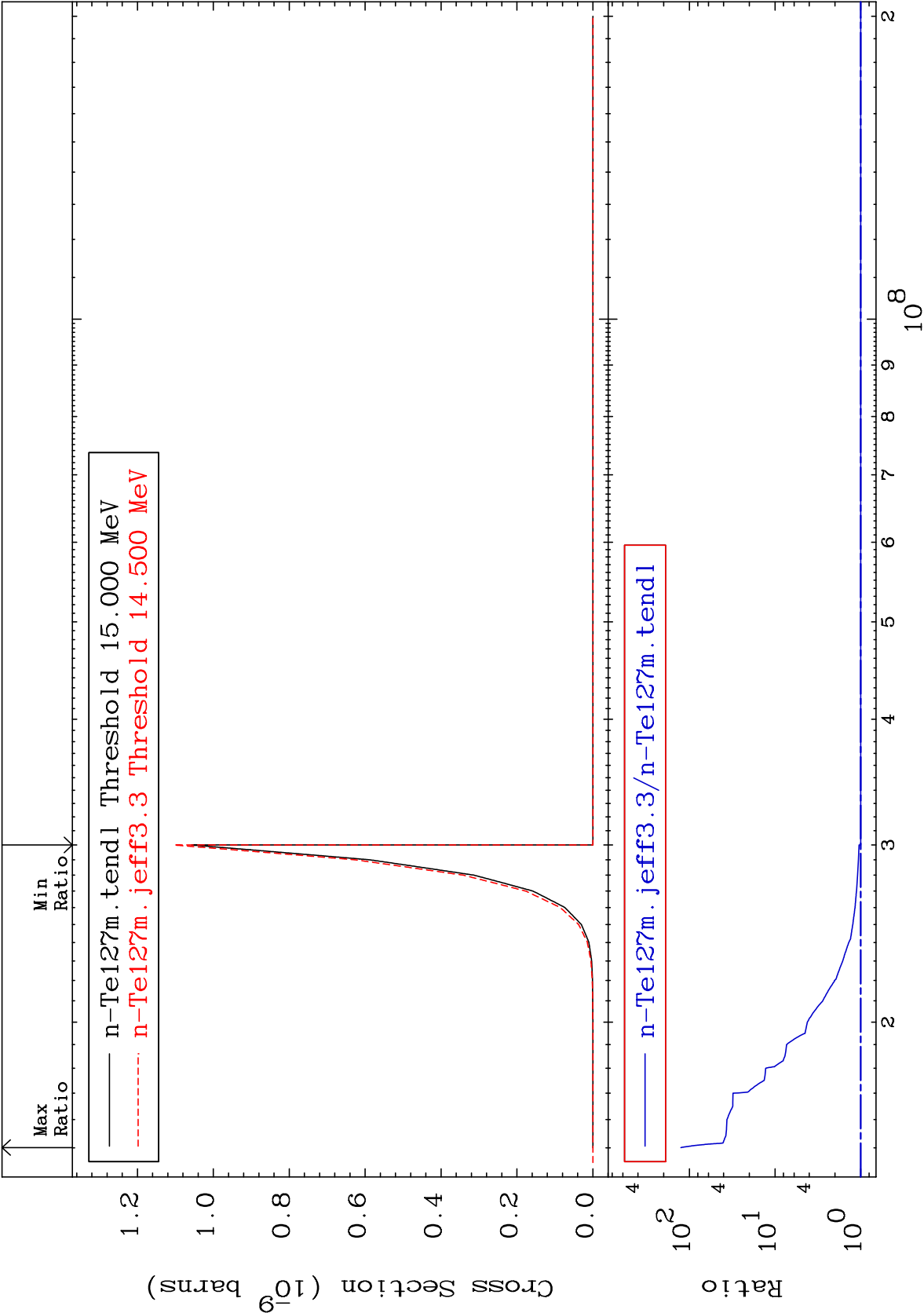
-15.19 To 8105. %



100

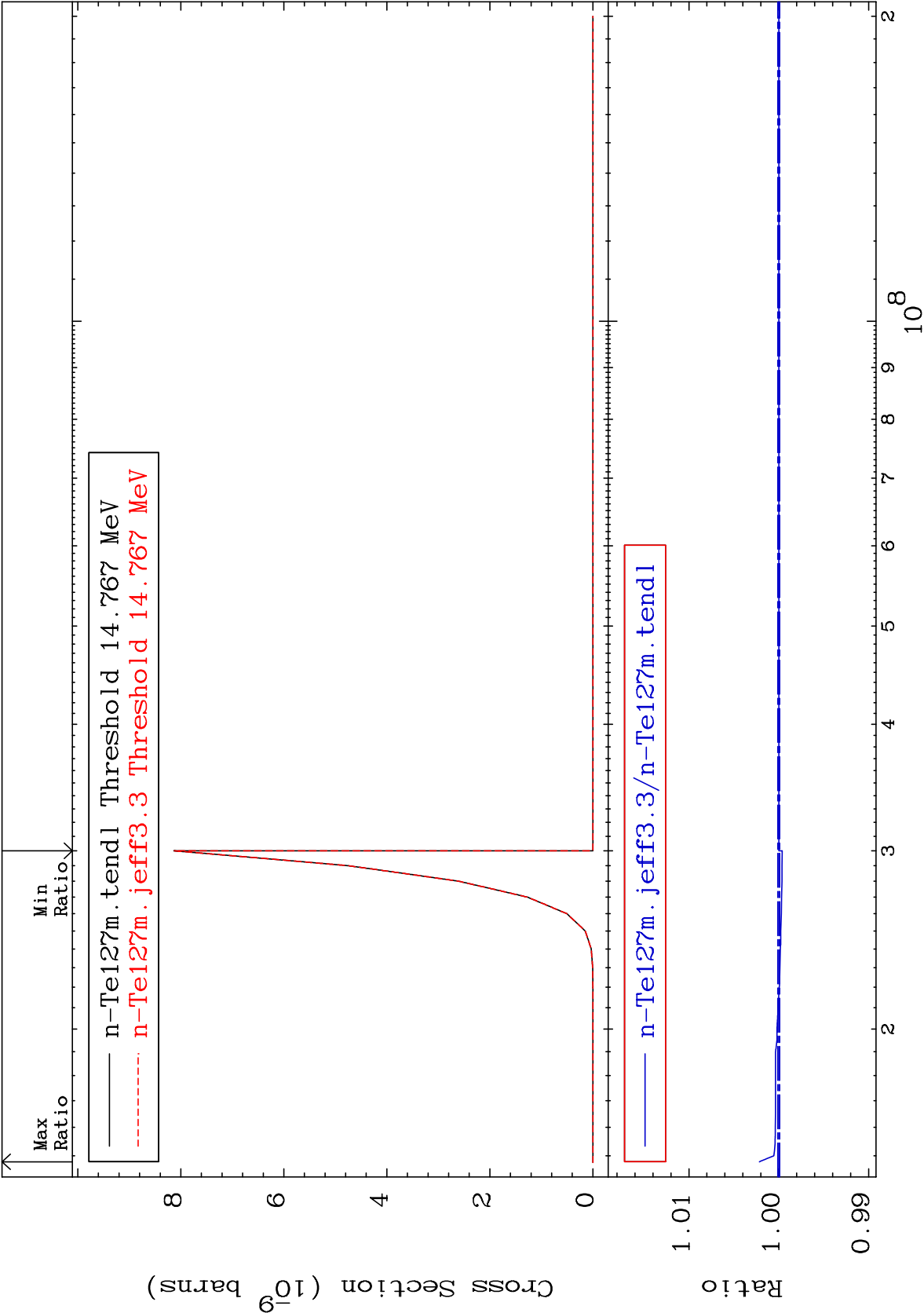
Incident Energy (eV)

52-Te-127



Radionuclide Production Cross Section

-0.038 To 0.215 %



Radionuclide Production Cross Section

-0.038 To 0.056 %

