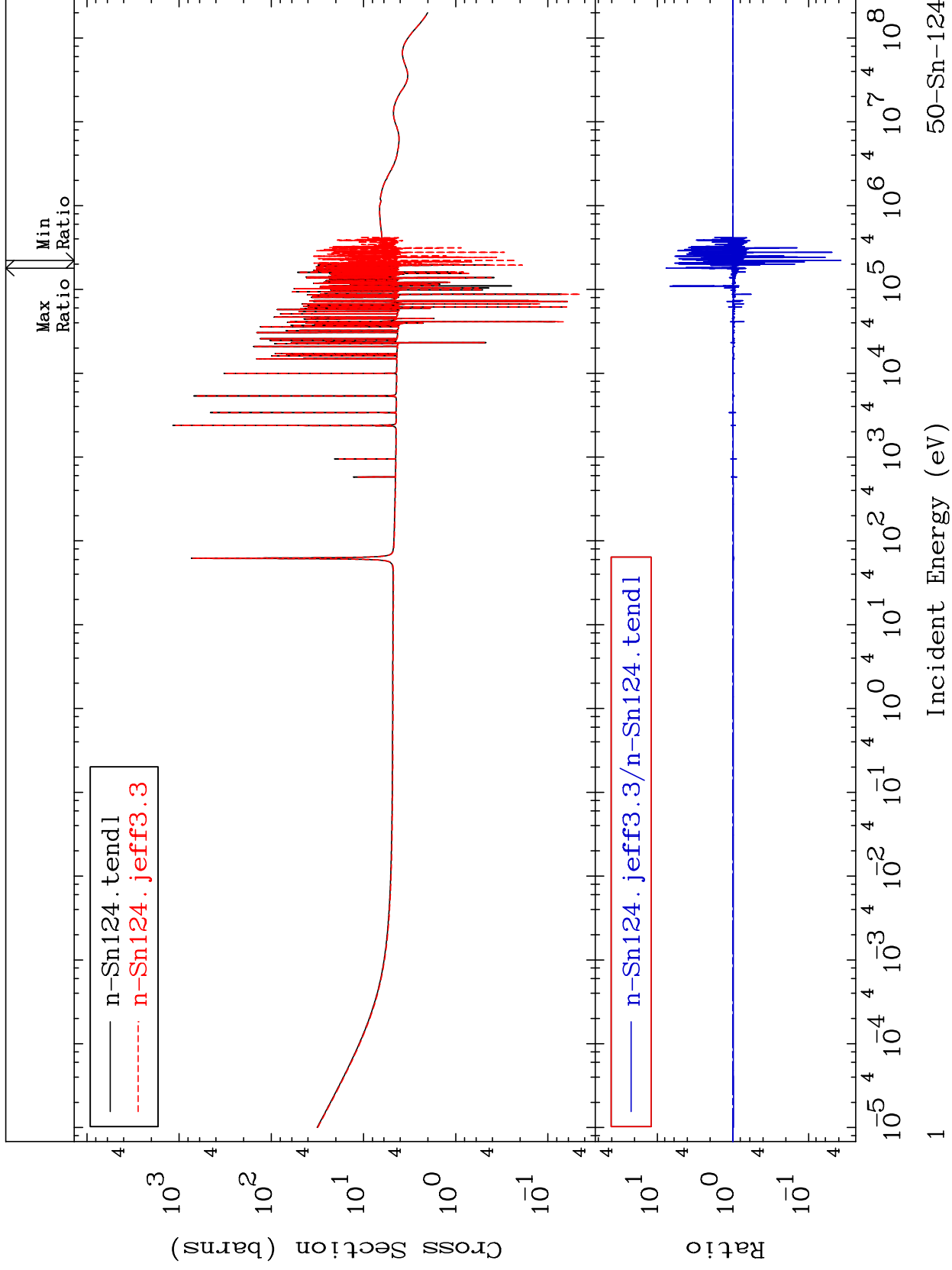


MAT 5061

Total
Cross Section

50-Sn-124
-96.25 To 667.9 %



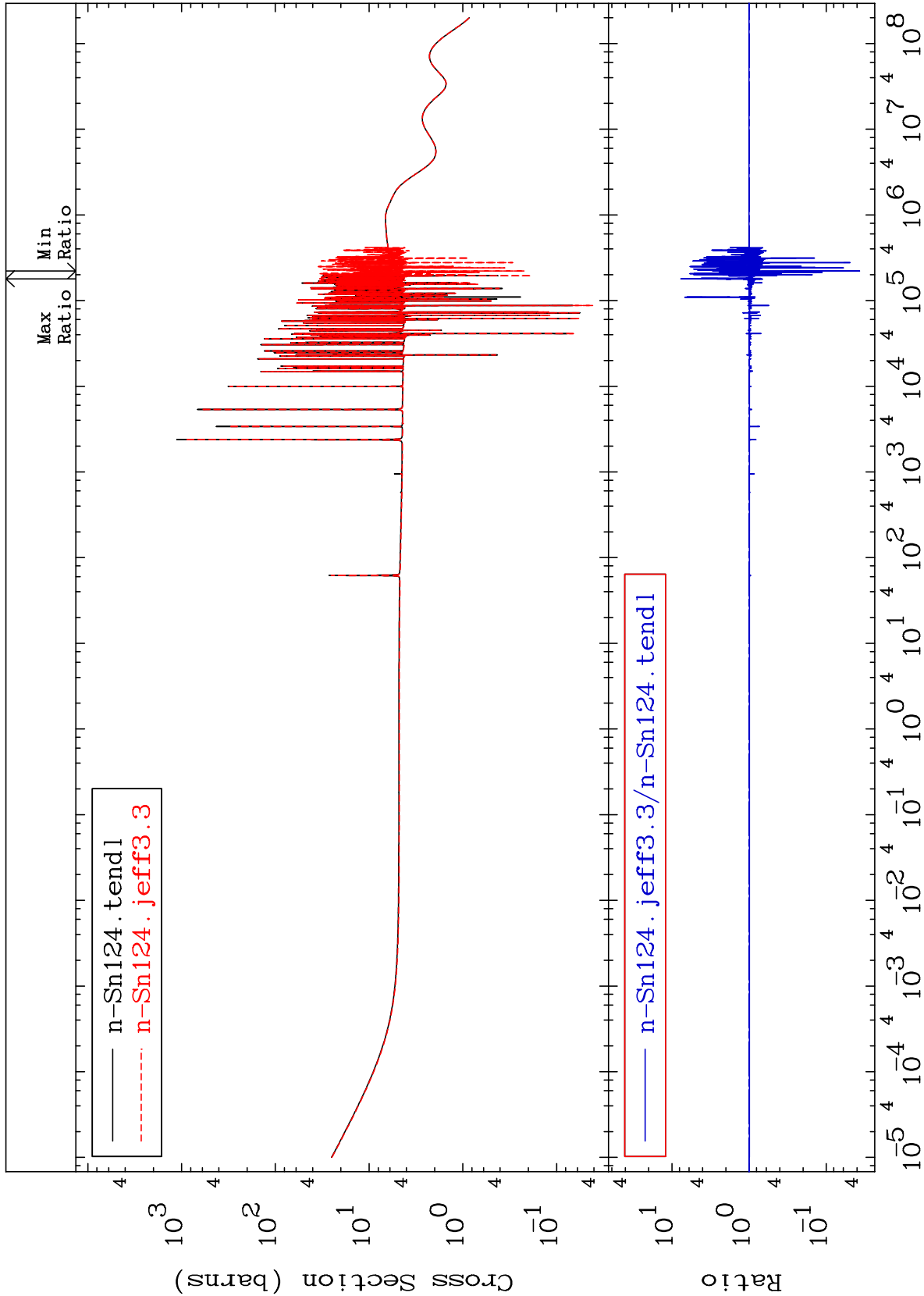
MAT 5061

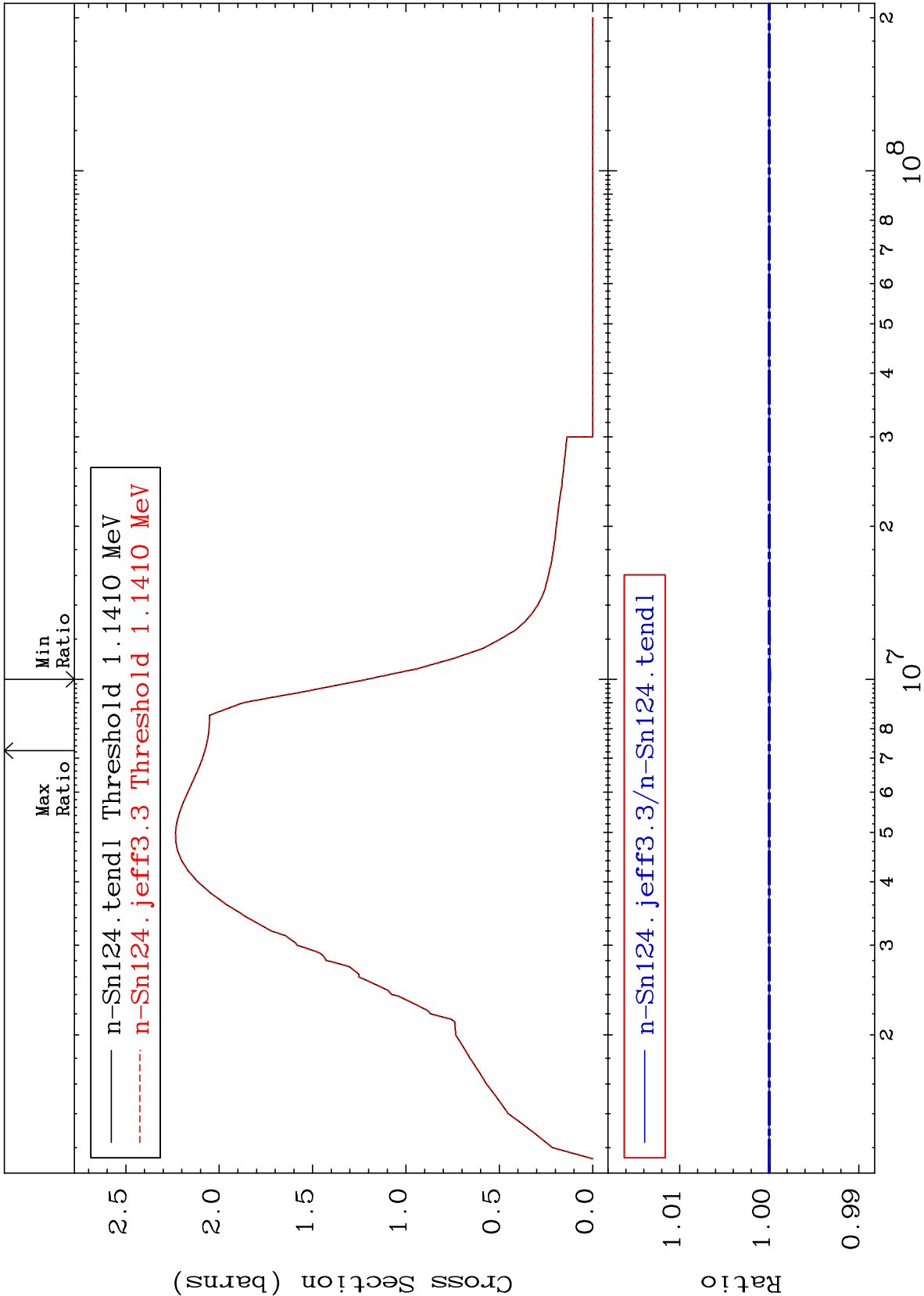
Elastic

50-Sn-124

Cross Section

-96.29 To 667.6 %

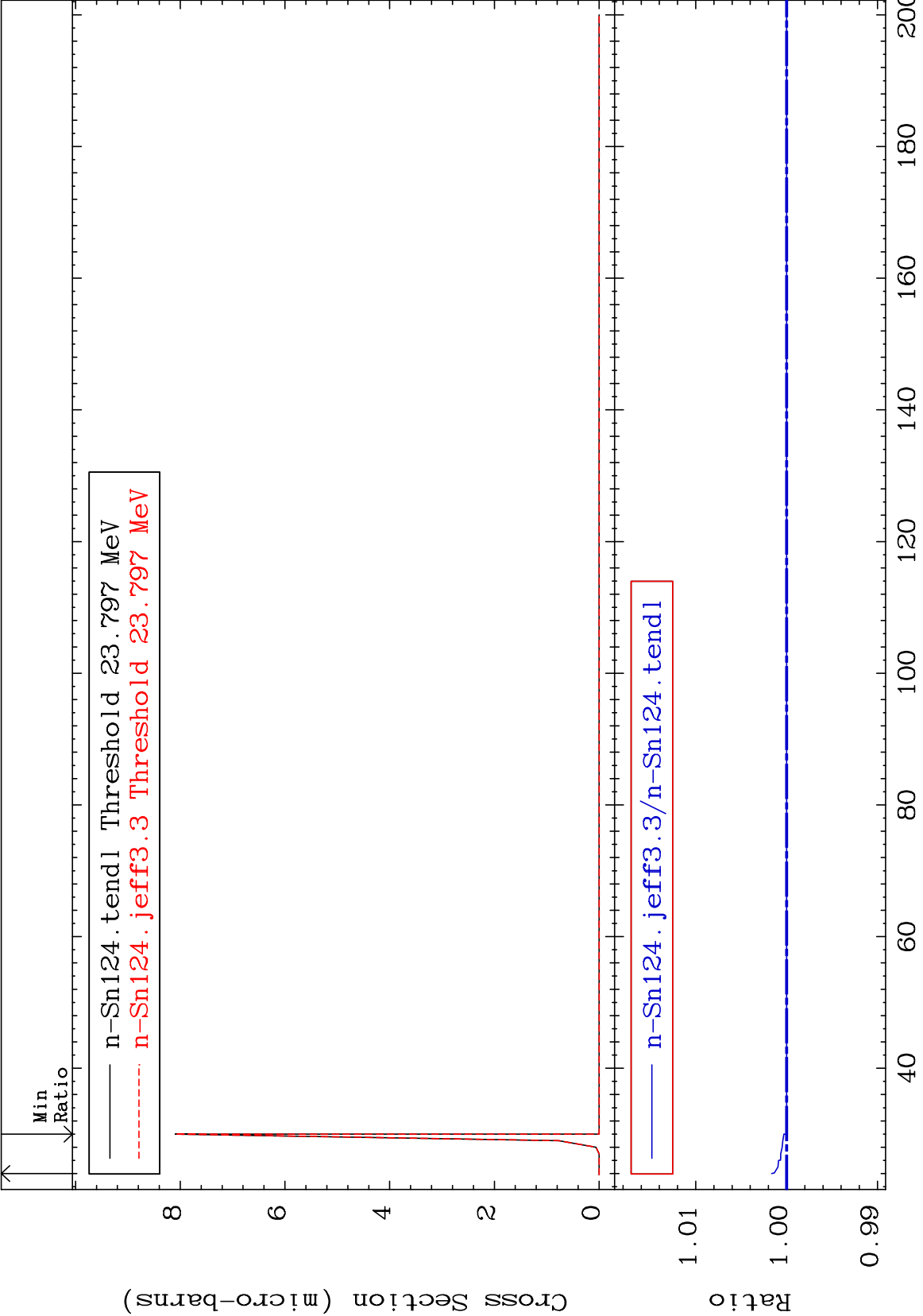




MAT 5061

(n,2n) d
Cross Section

50-Sn-124
0.000 To 0.165 %



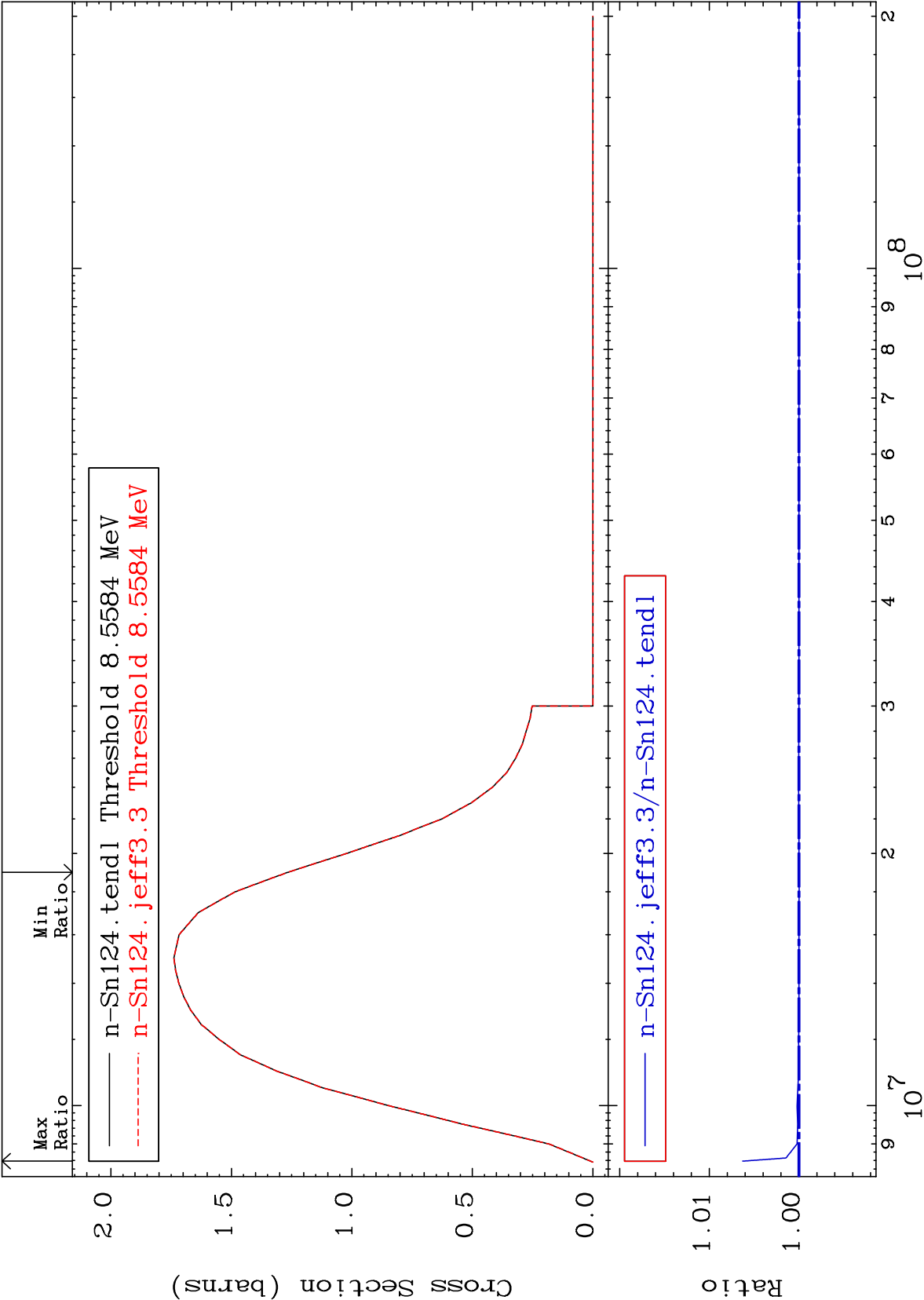
MAT 5061

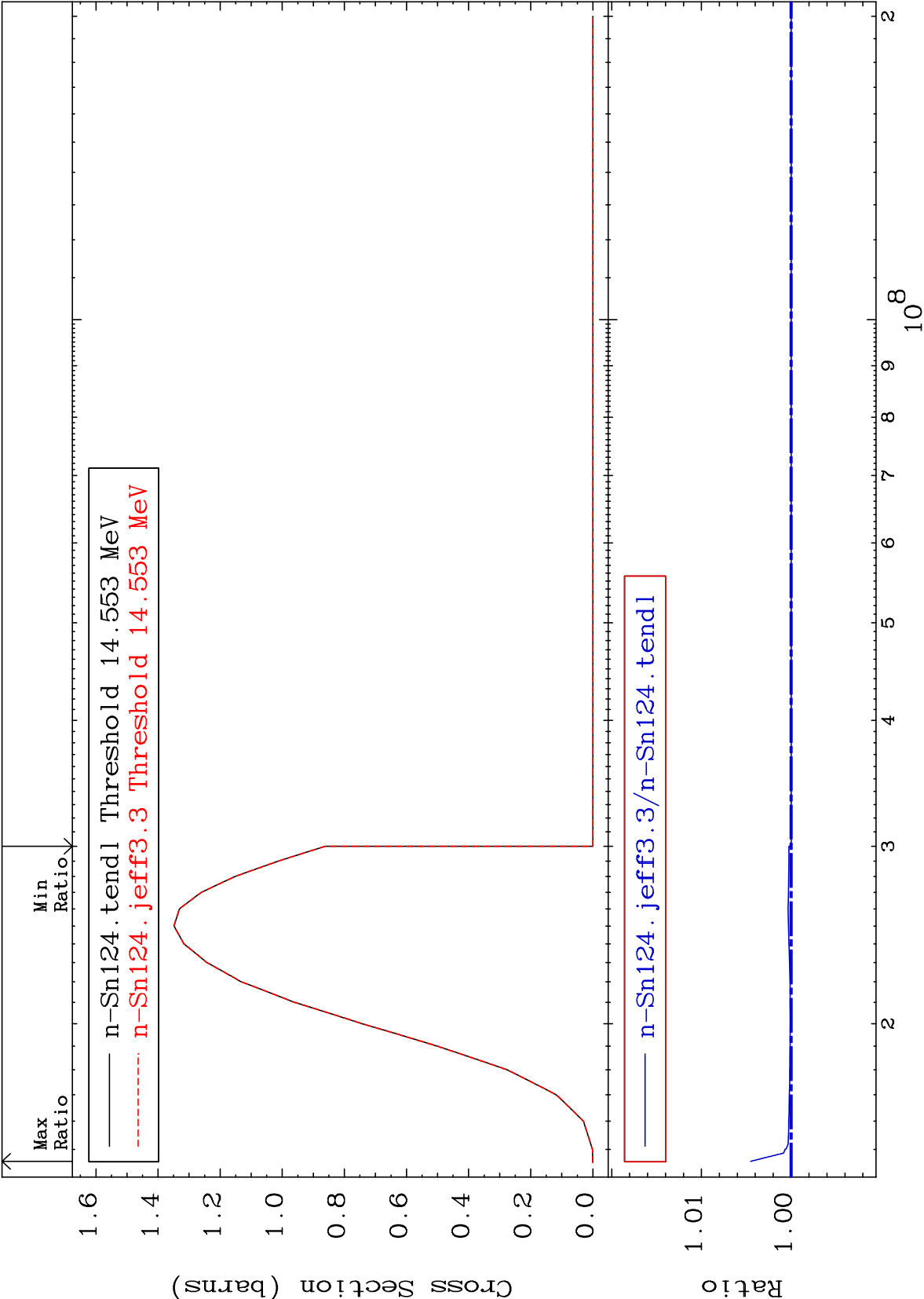
(n,2n)

50-Sn-124

Cross Section

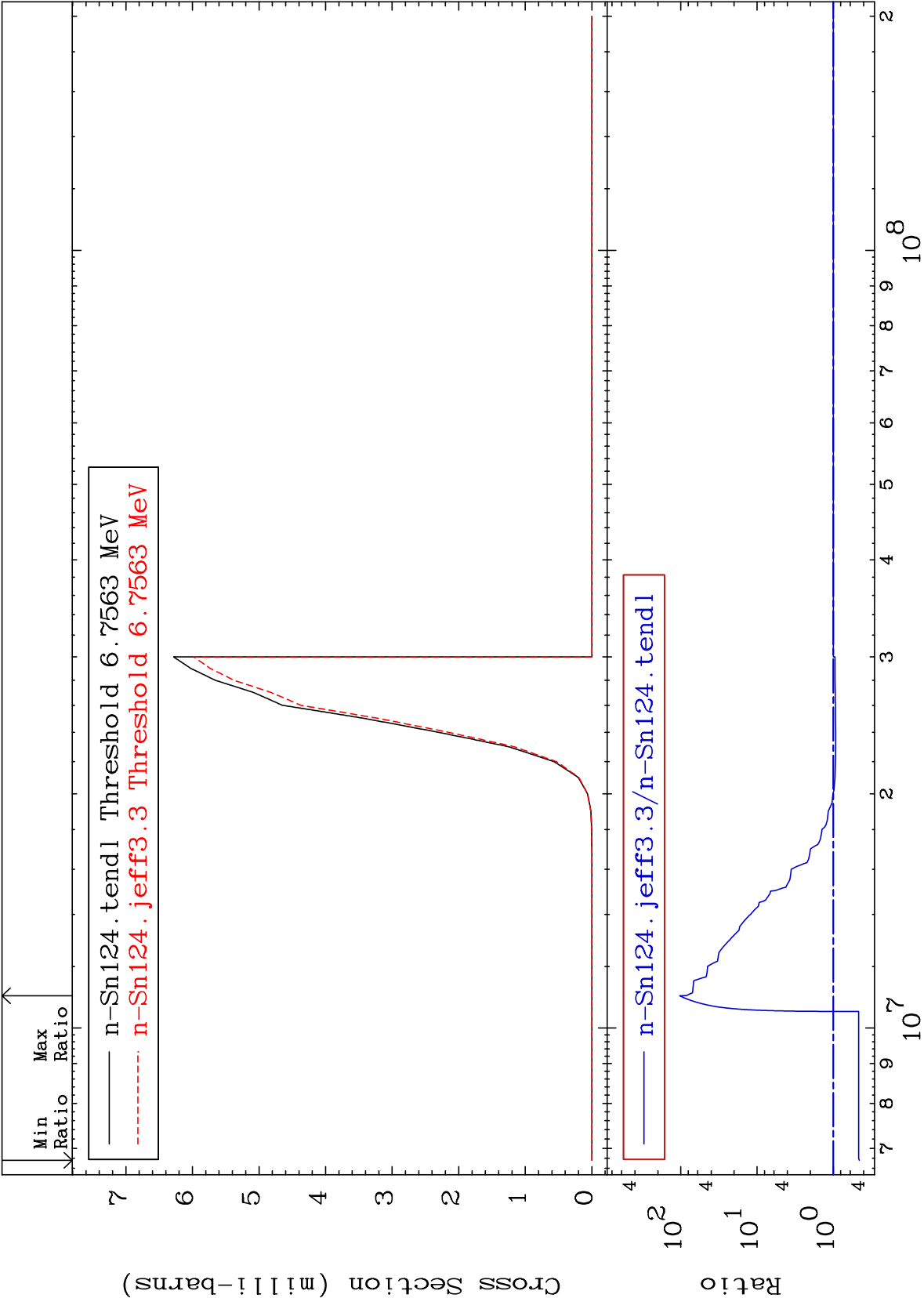
-0.002 To 0.630 %





MAT 5061

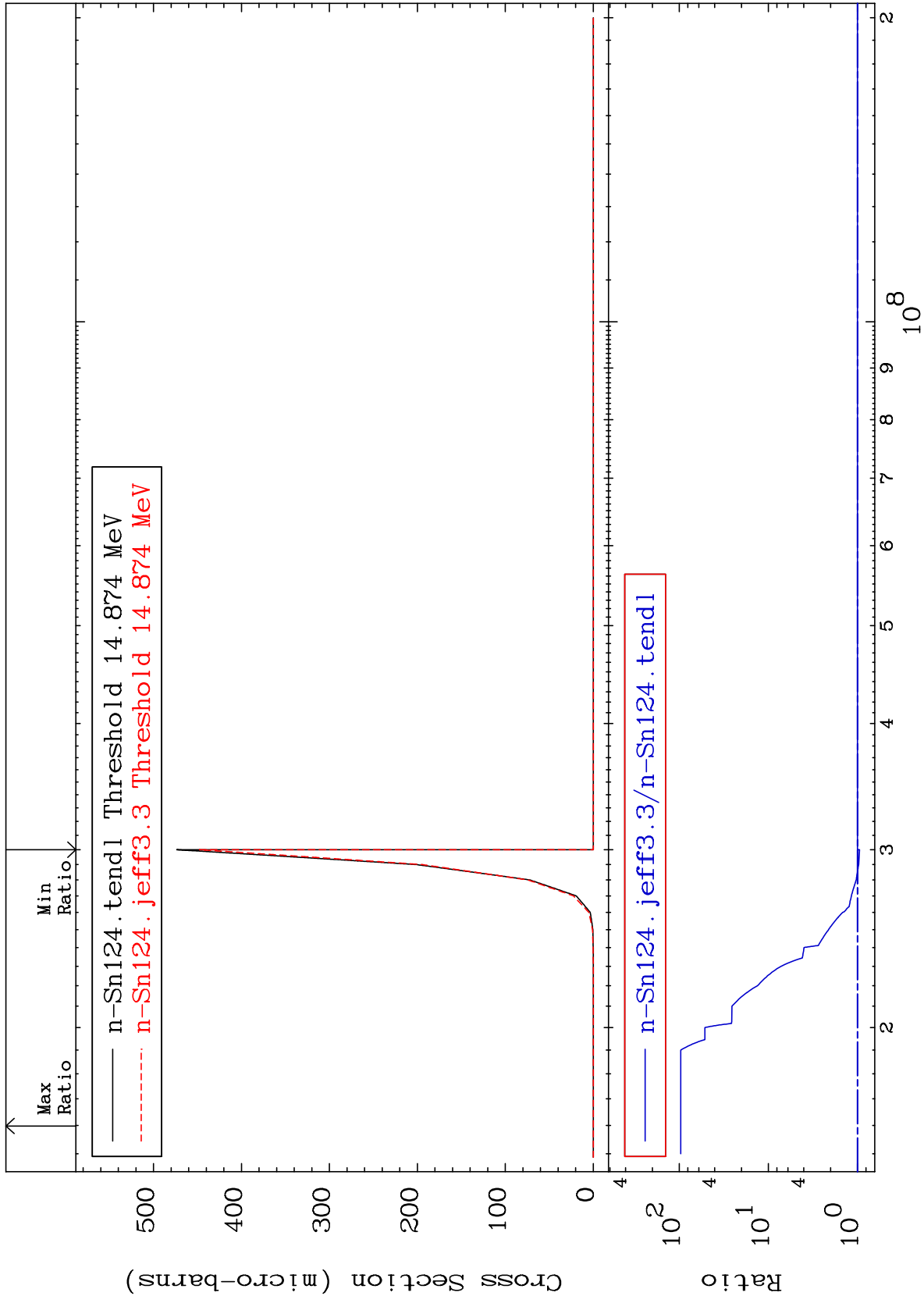
(n,n') α
Cross Section
50-Sn-124
-54.25 To 9999. %



MAT 5061

(n,2n) α
Cross Section

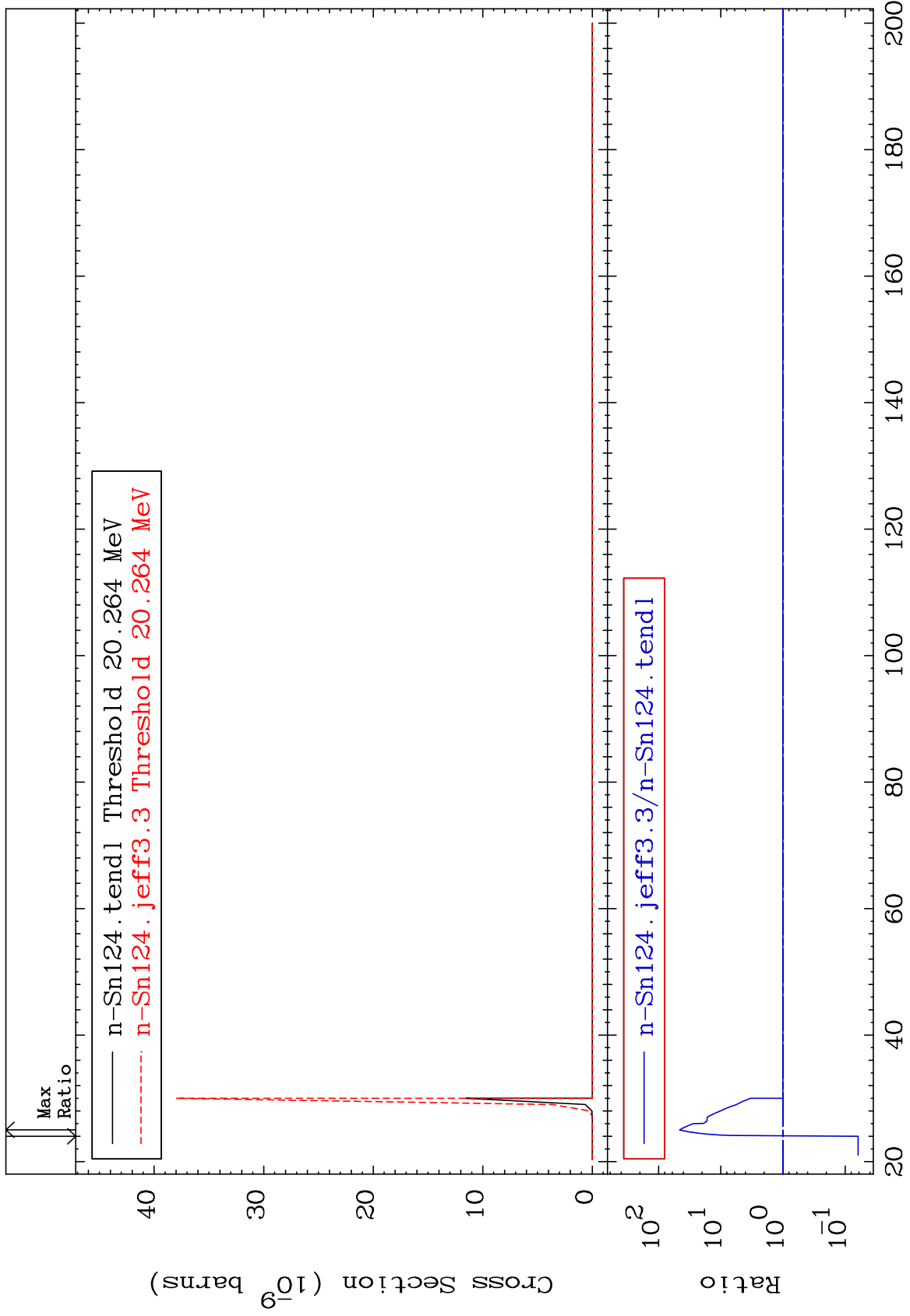
50-Sn-124
-5.483 To 9496. %



MAT 5061

(n,3n) α
Cross Section

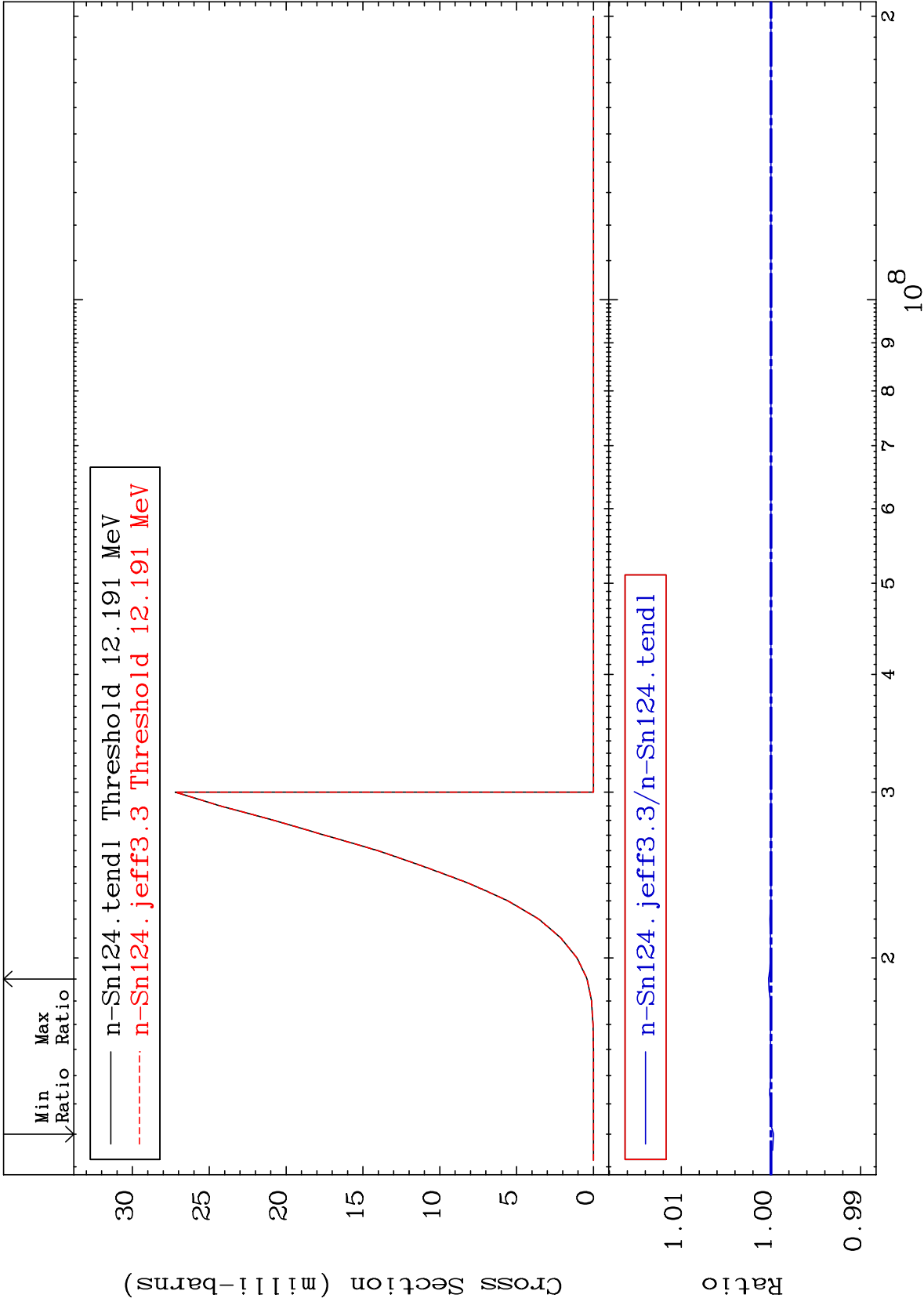
50-Sn-124
-93.82 To 4492. %

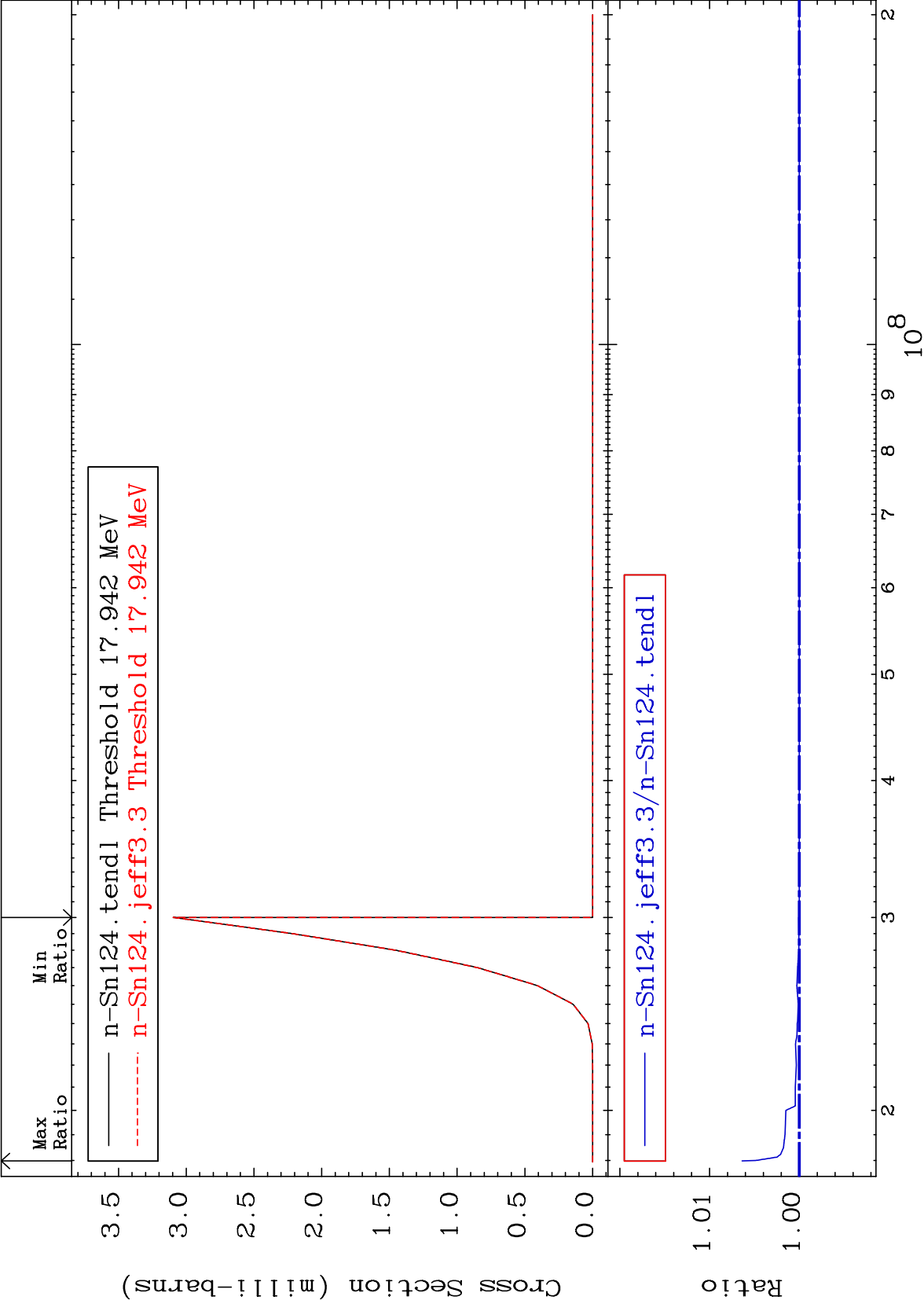


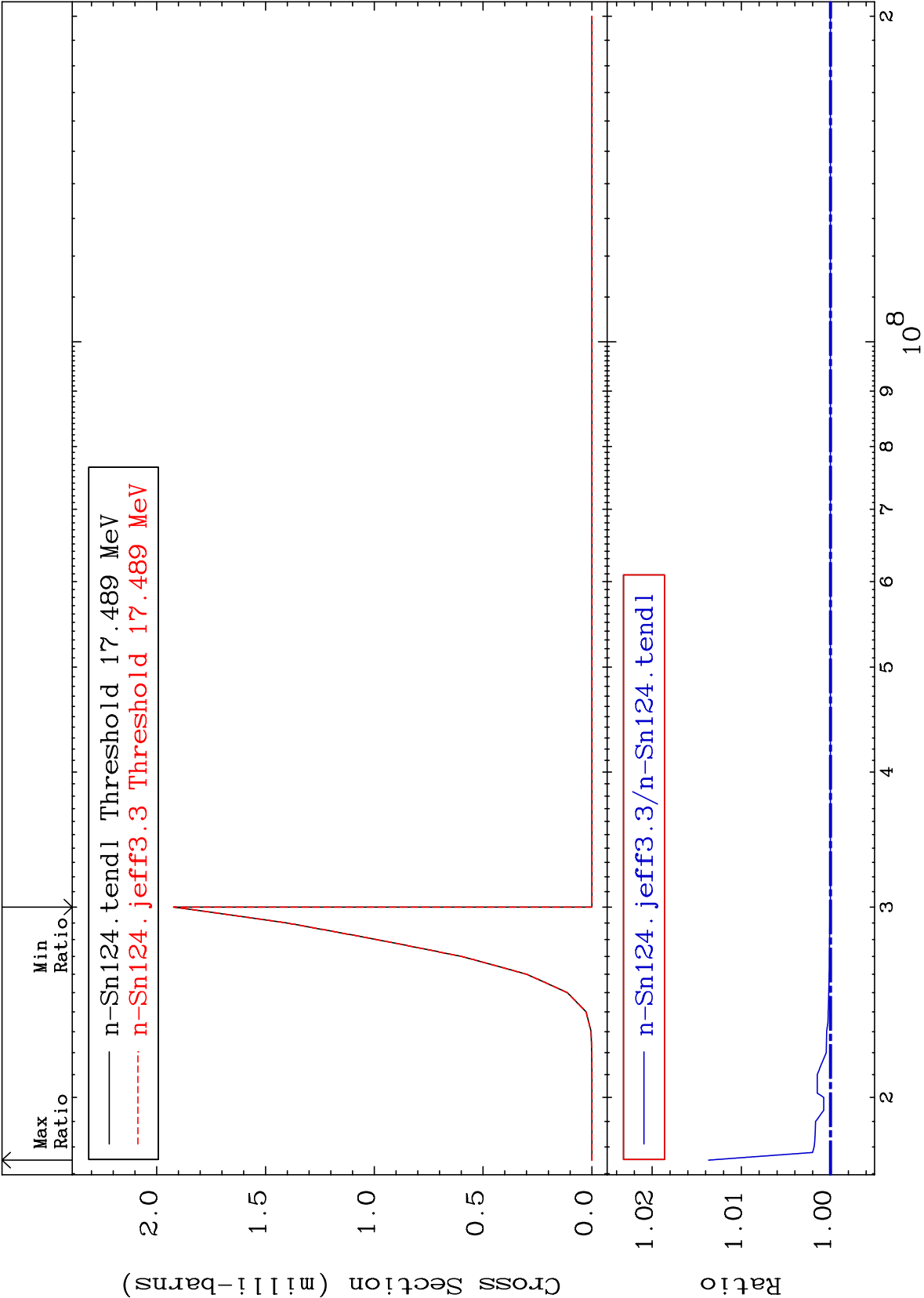
MAT 5061

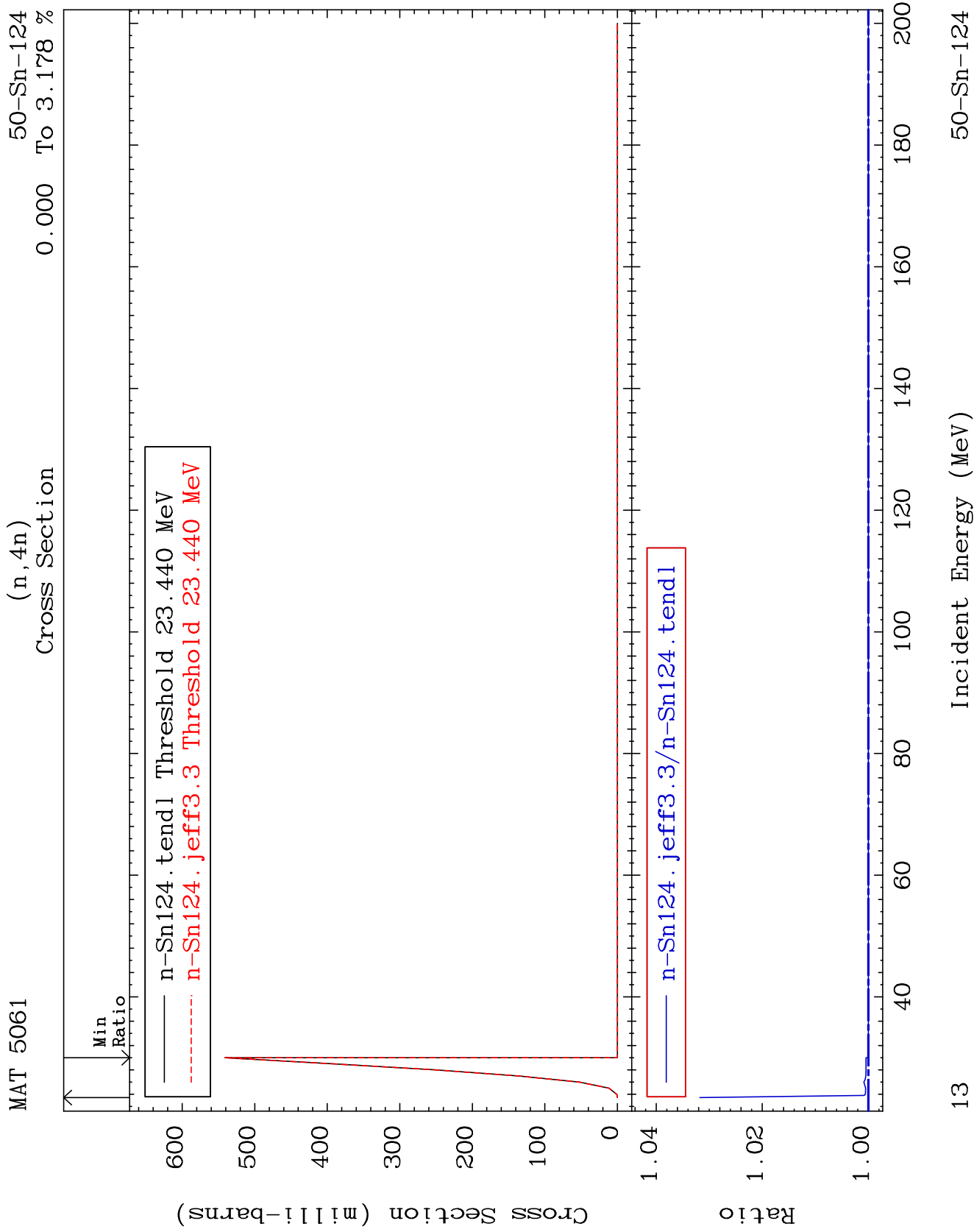
(n,n') p
Cross Section

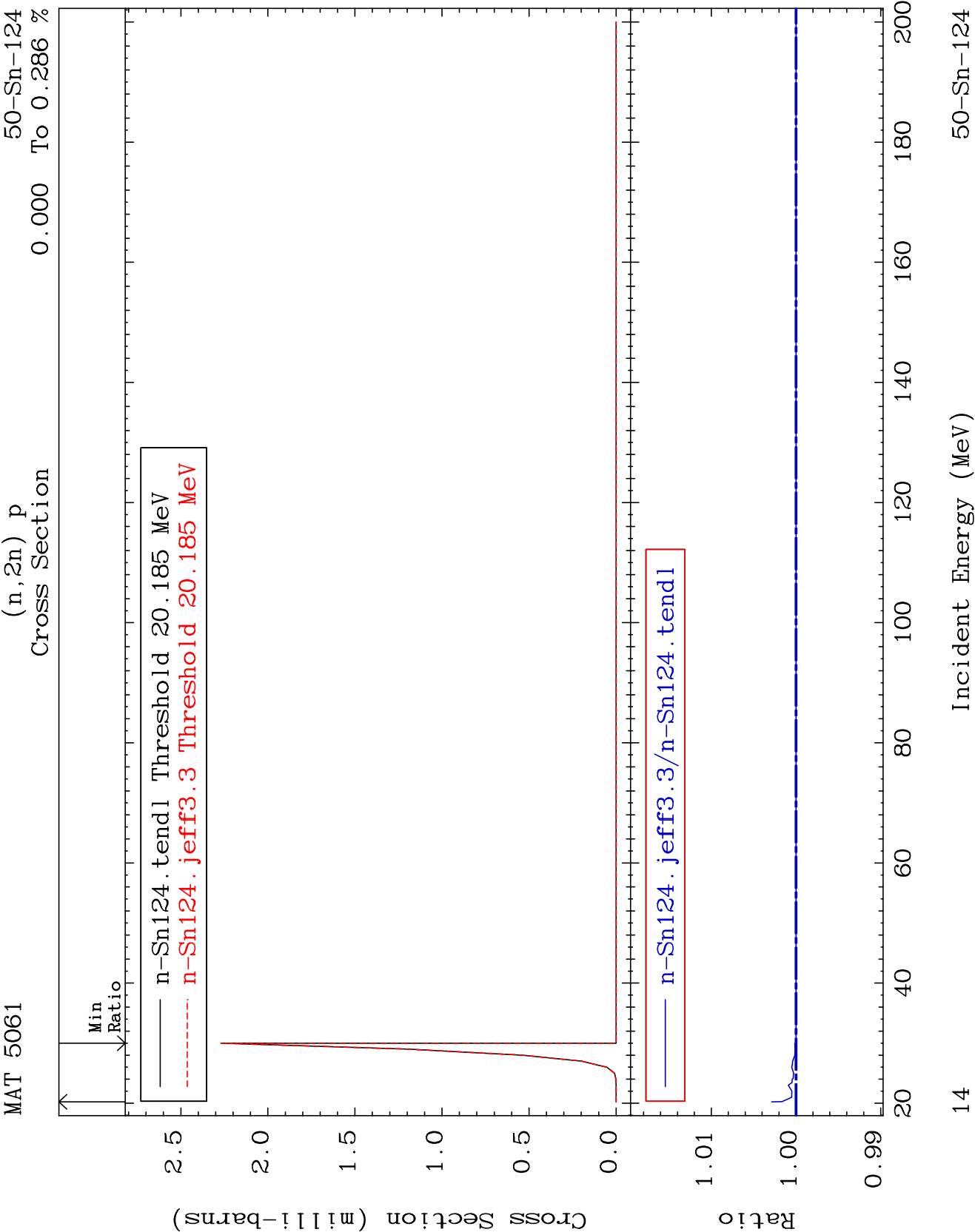
50-Sn-124
-0.029 To 0.026 %







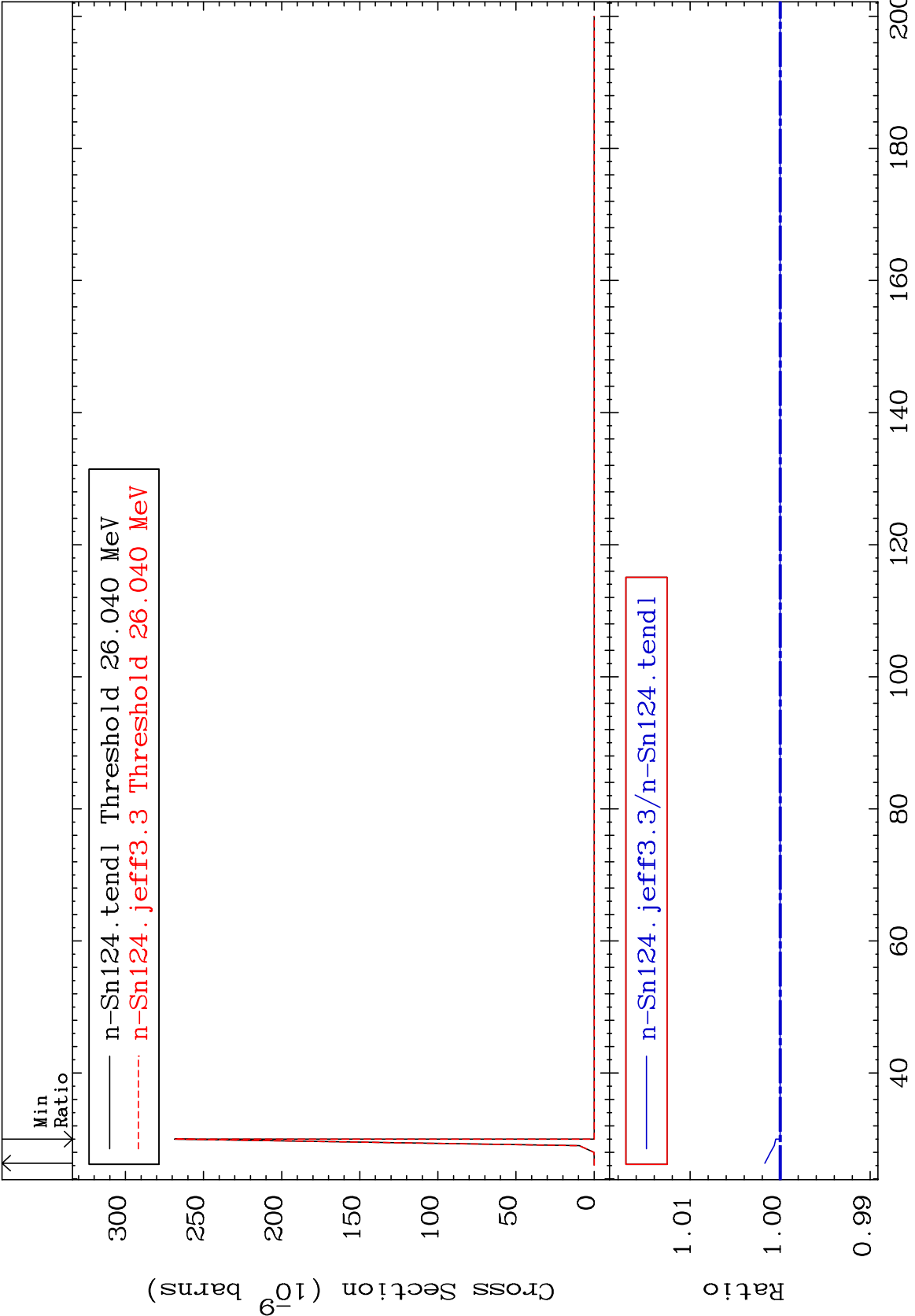




MAT 5061

(n,3n) p
Cross Section

50-Sn-124
0.000 To 0.171 %

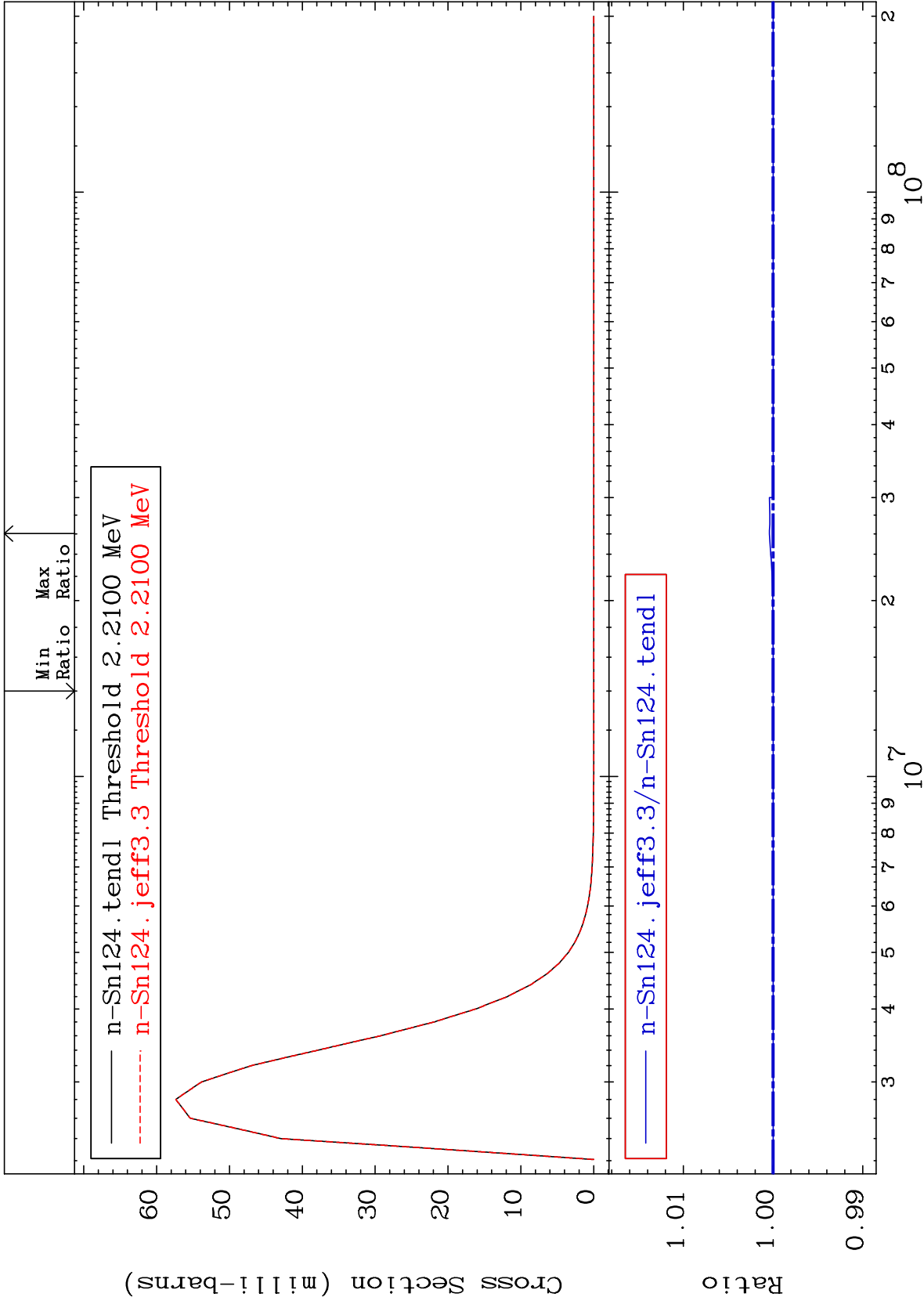


MAT 5061

MT= 54 (n,n') Level

50-Sn-124

0.000 To 0.042 %



16

Incident Energy (eV)

50-Sn-124

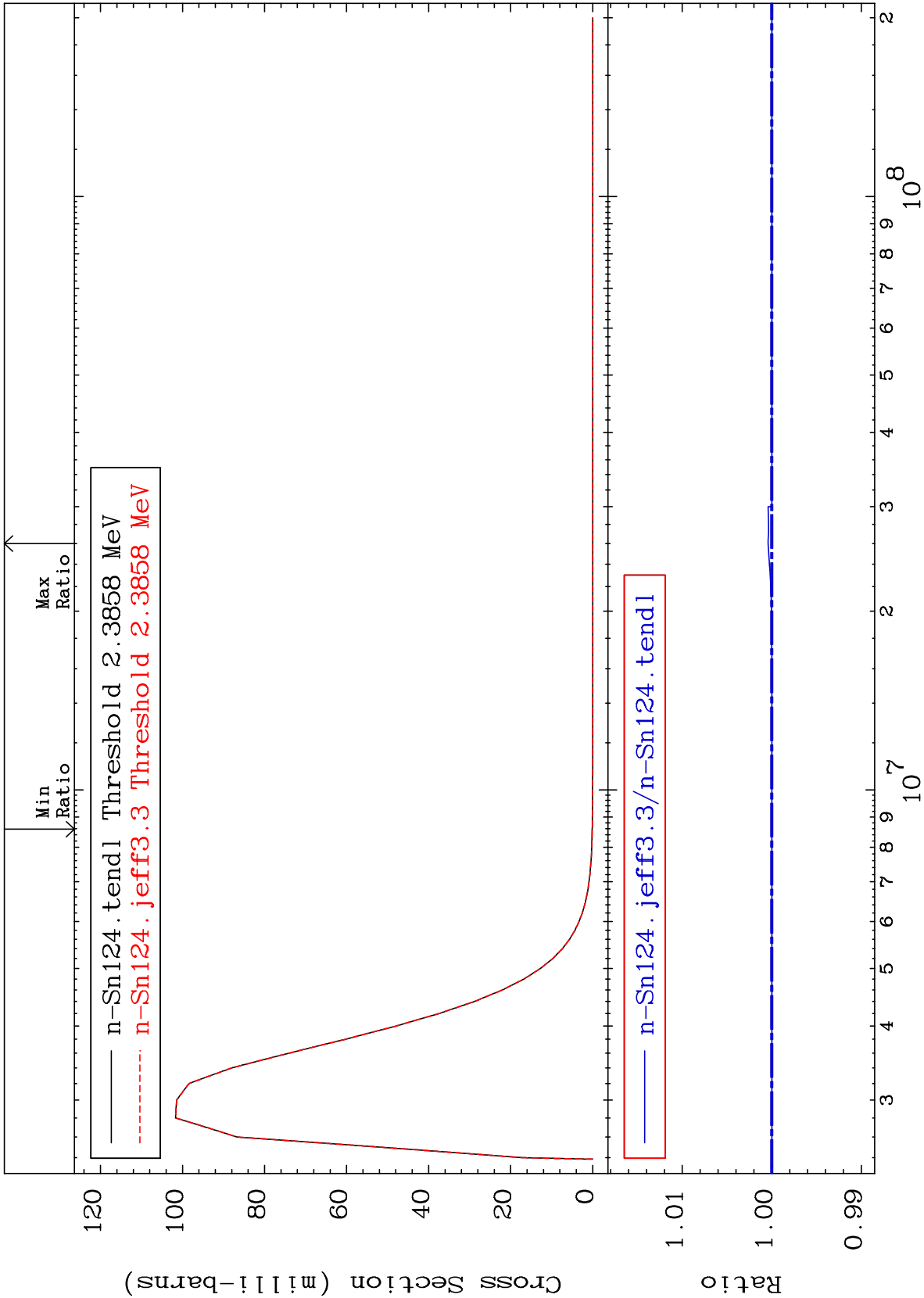
MAT 5061

MT= 58 (n,n') Level

50-Sn-124

Cross Section

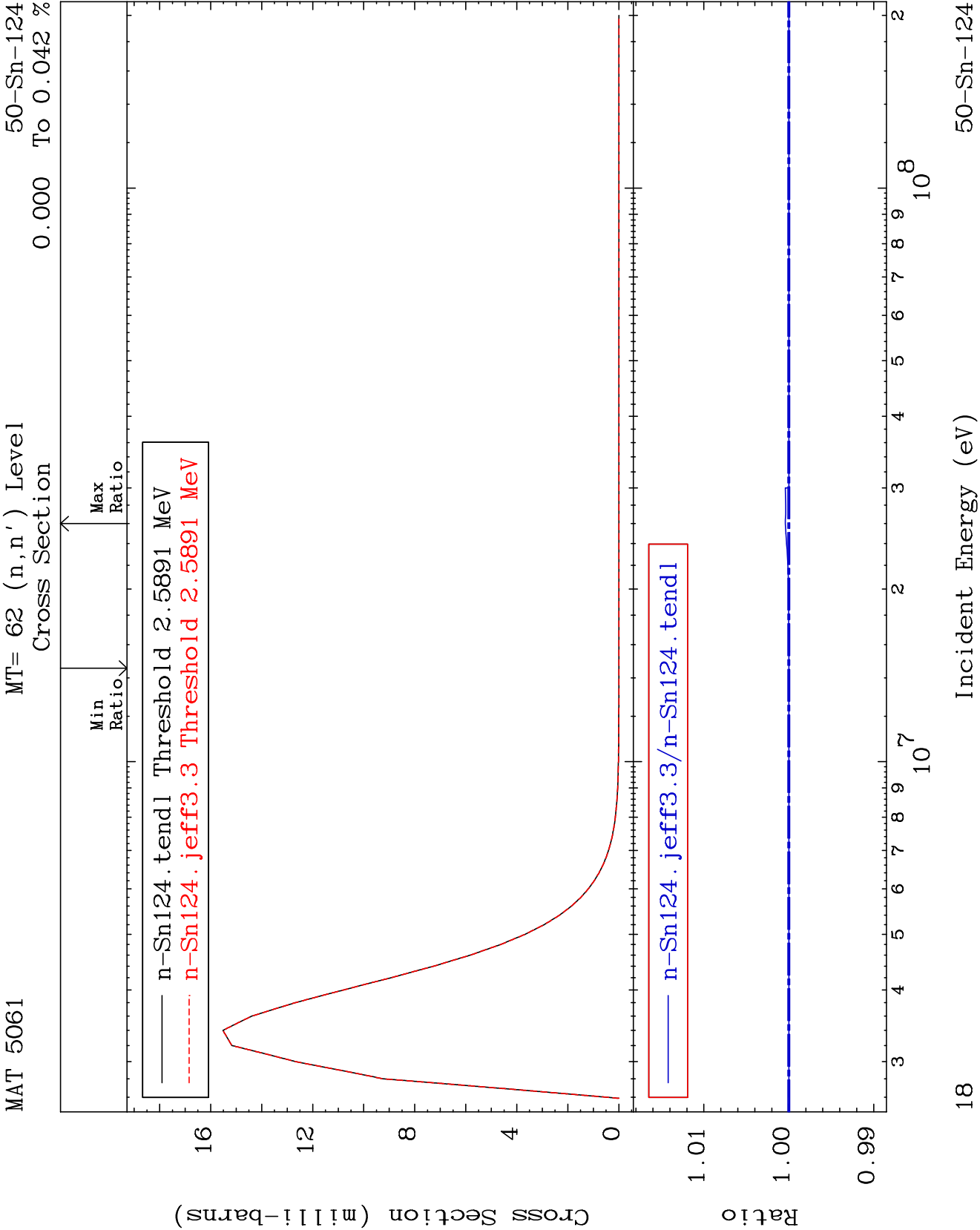
To 0.042 %

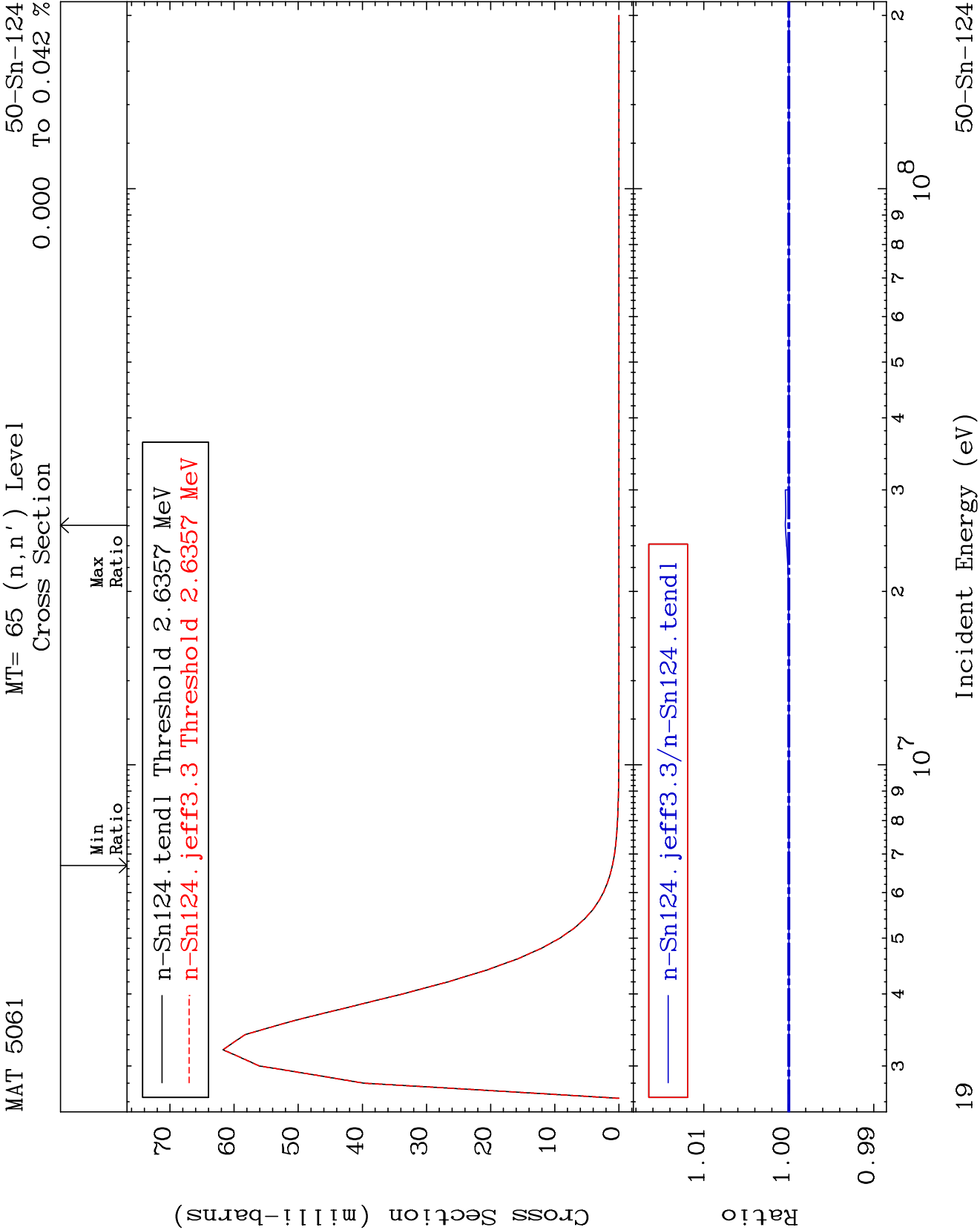


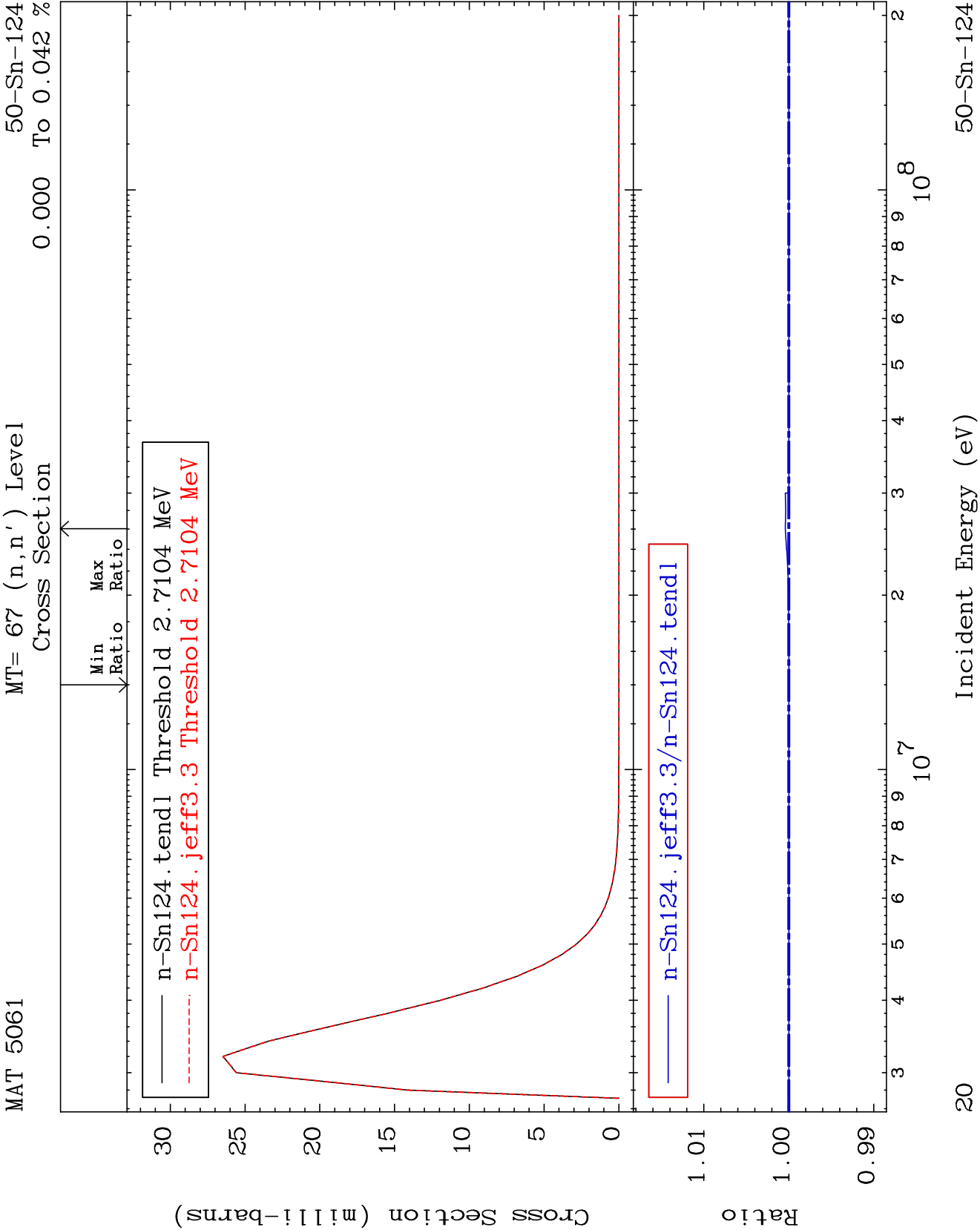
17

Incident Energy (eV)

50-Sn-124





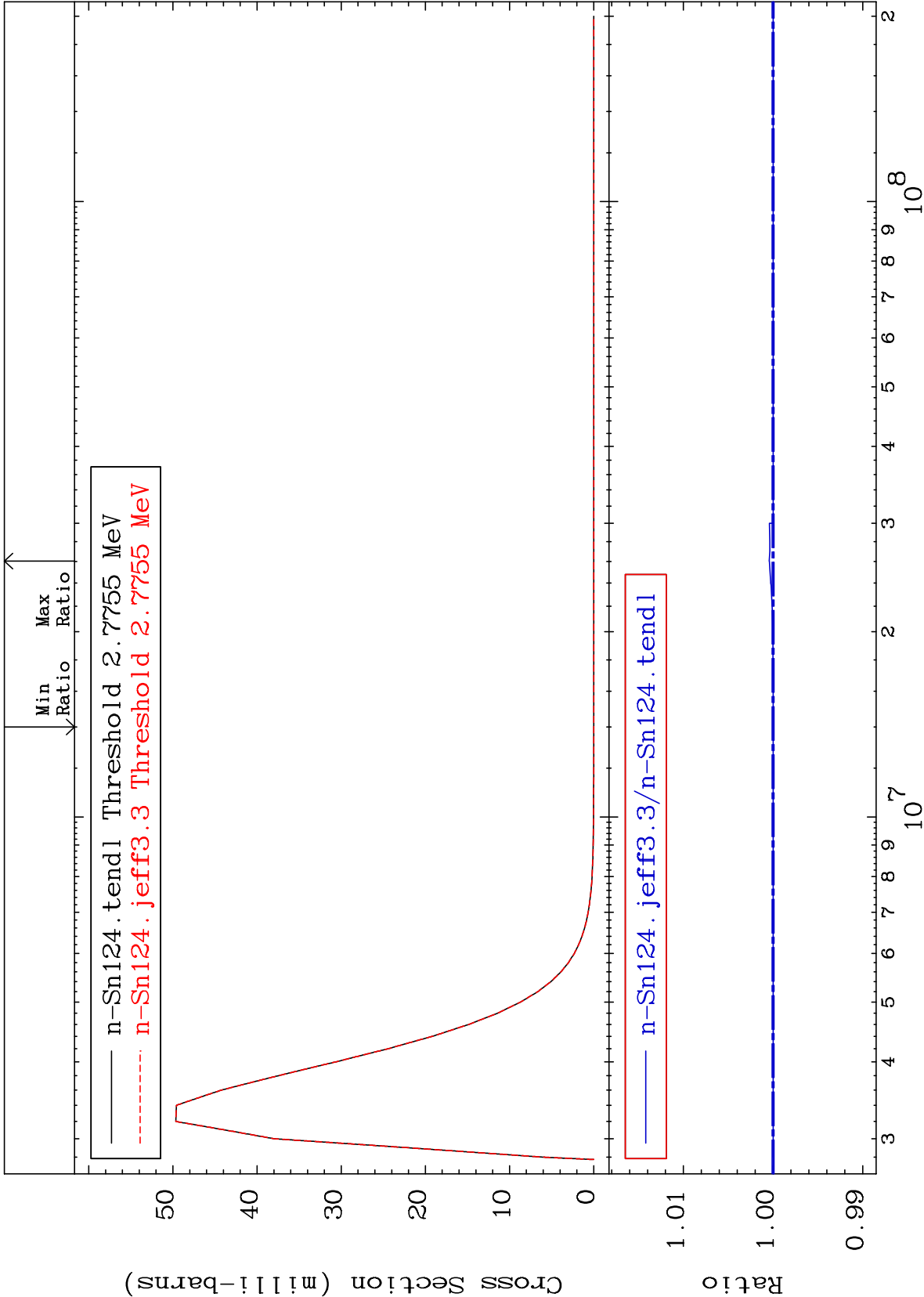


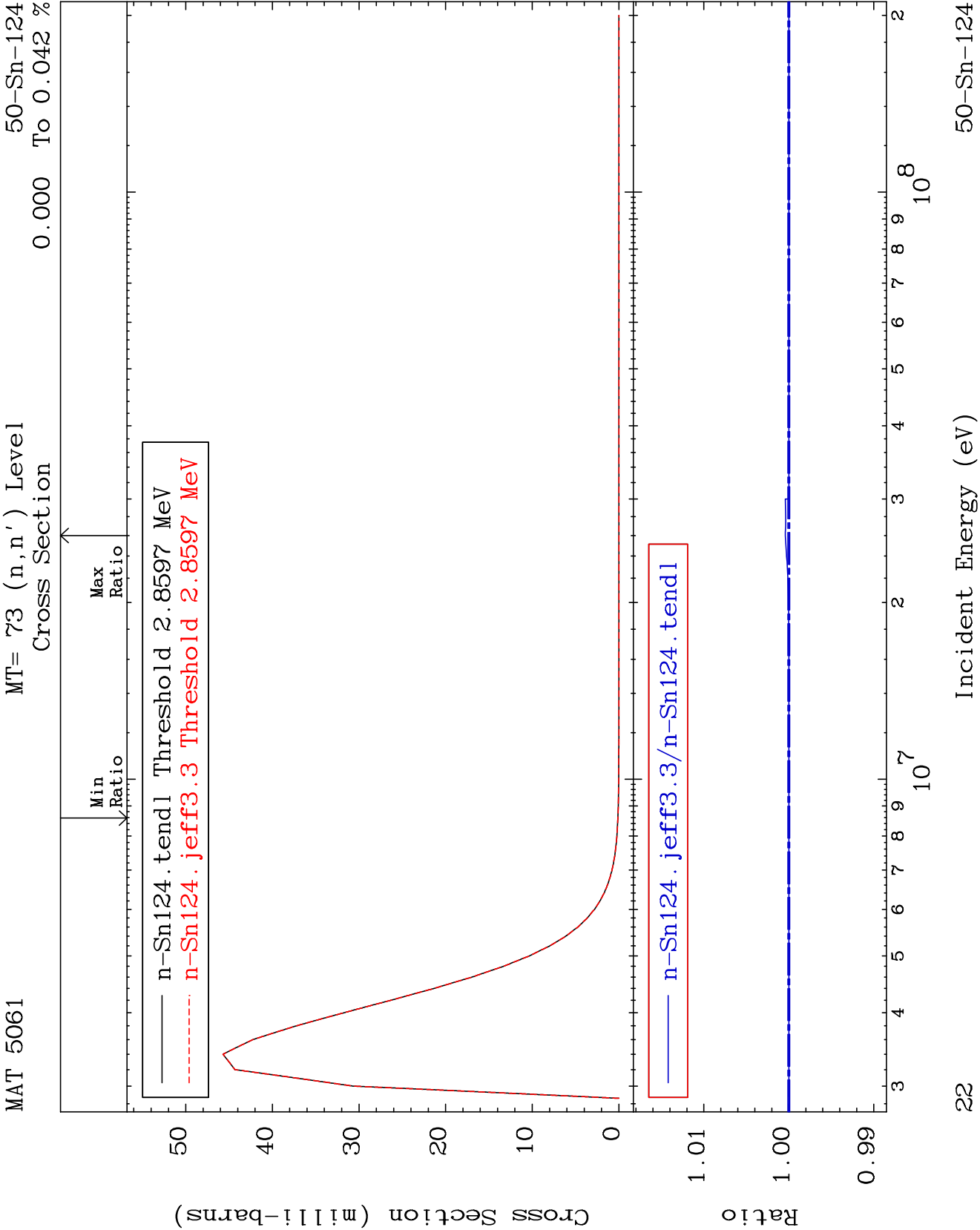
MAT 5061

MT= 71 (n,n') Level

50-Sn-124

0.000 To 0.042 %





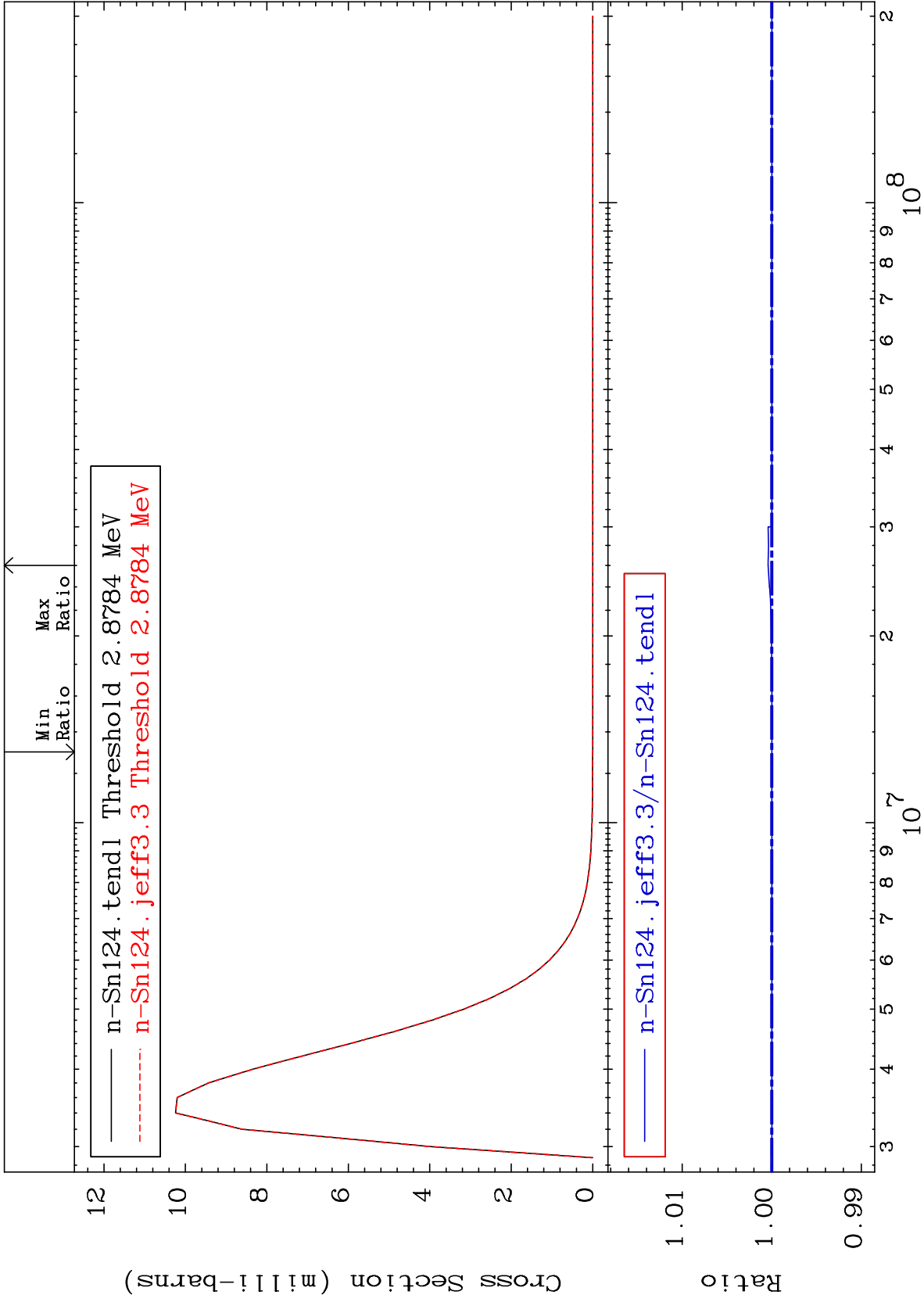
MAT 5061

MT= 74 (n,n') Level

50-Sn-124

Cross Section

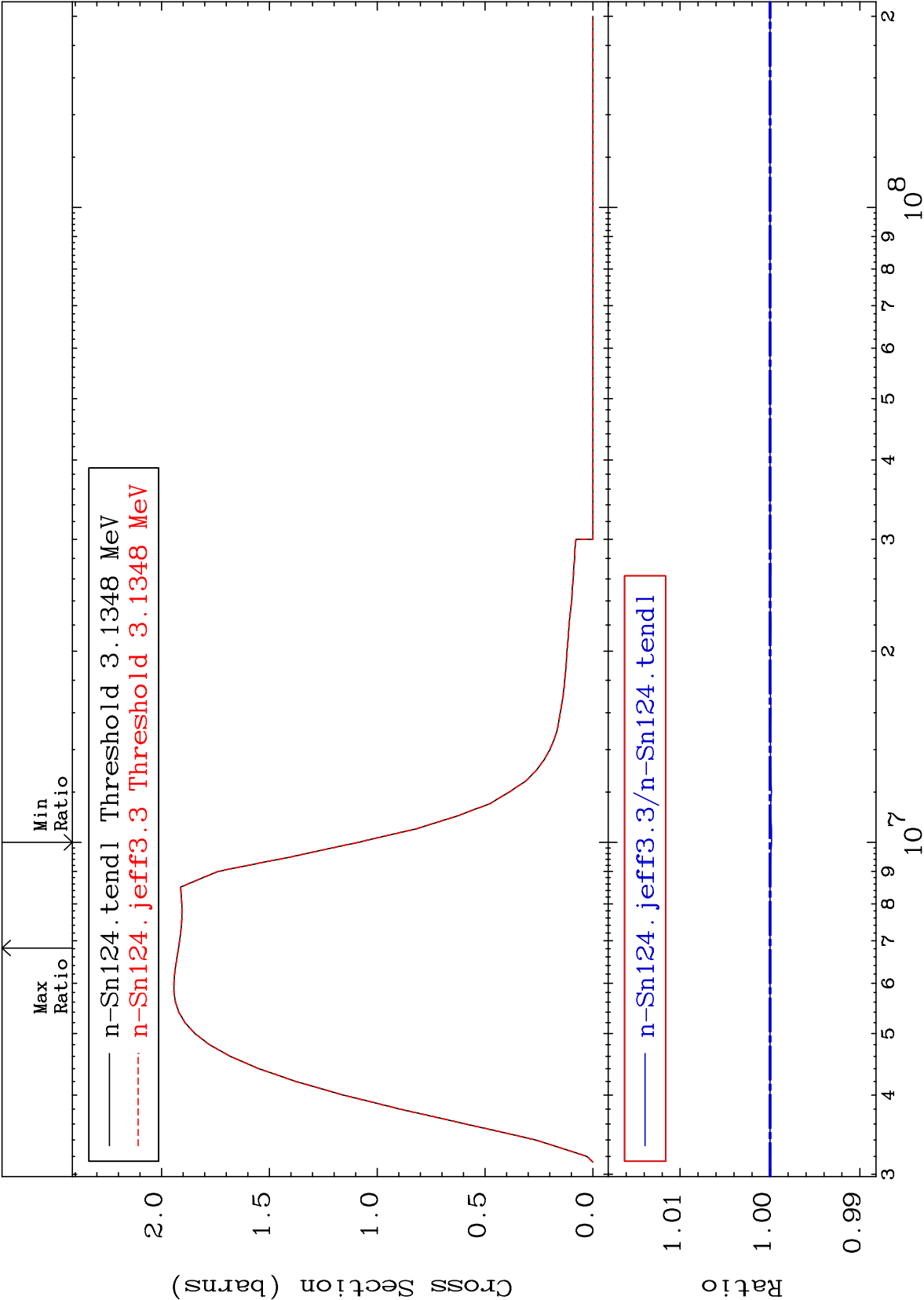
To 0.042 %

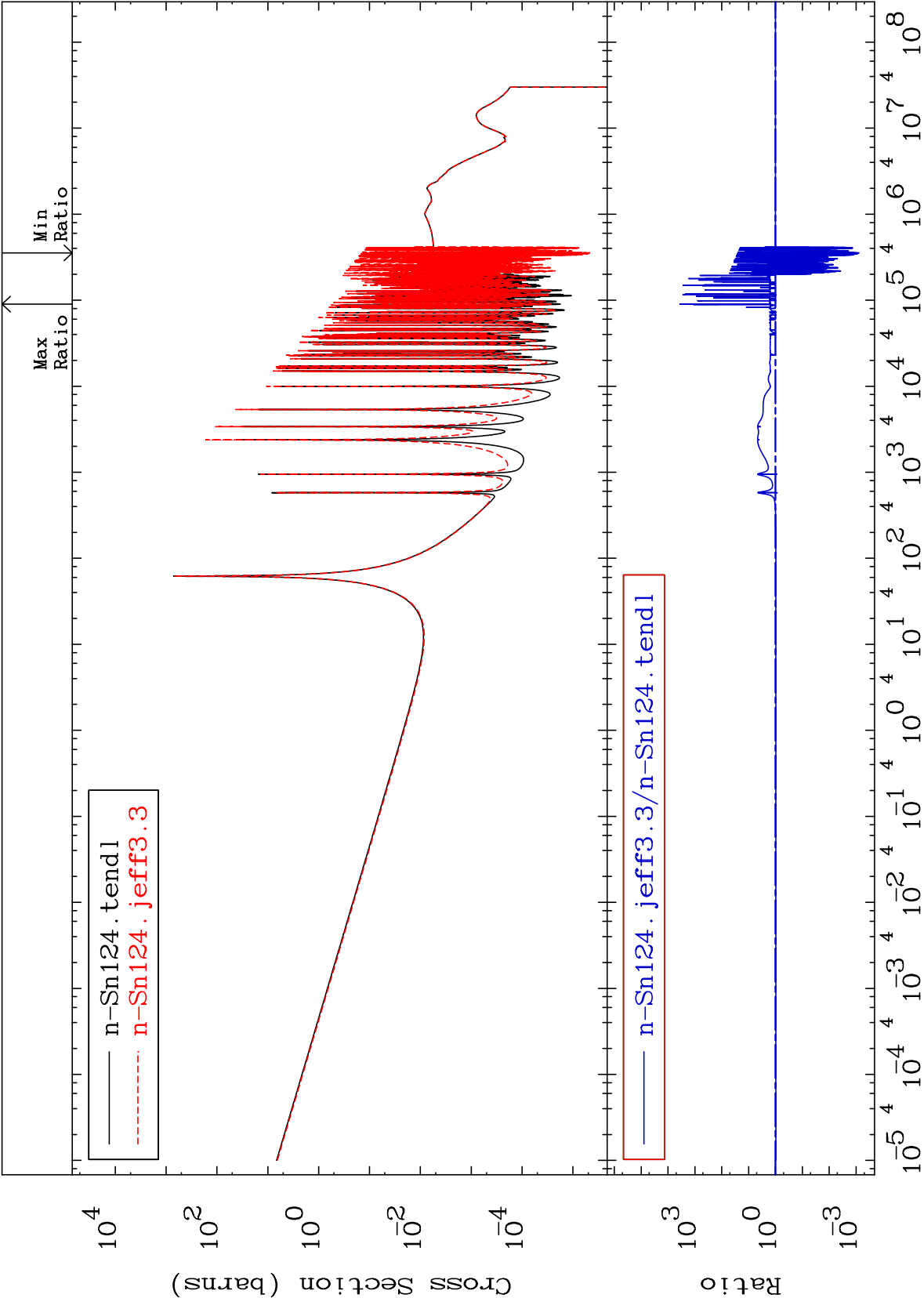


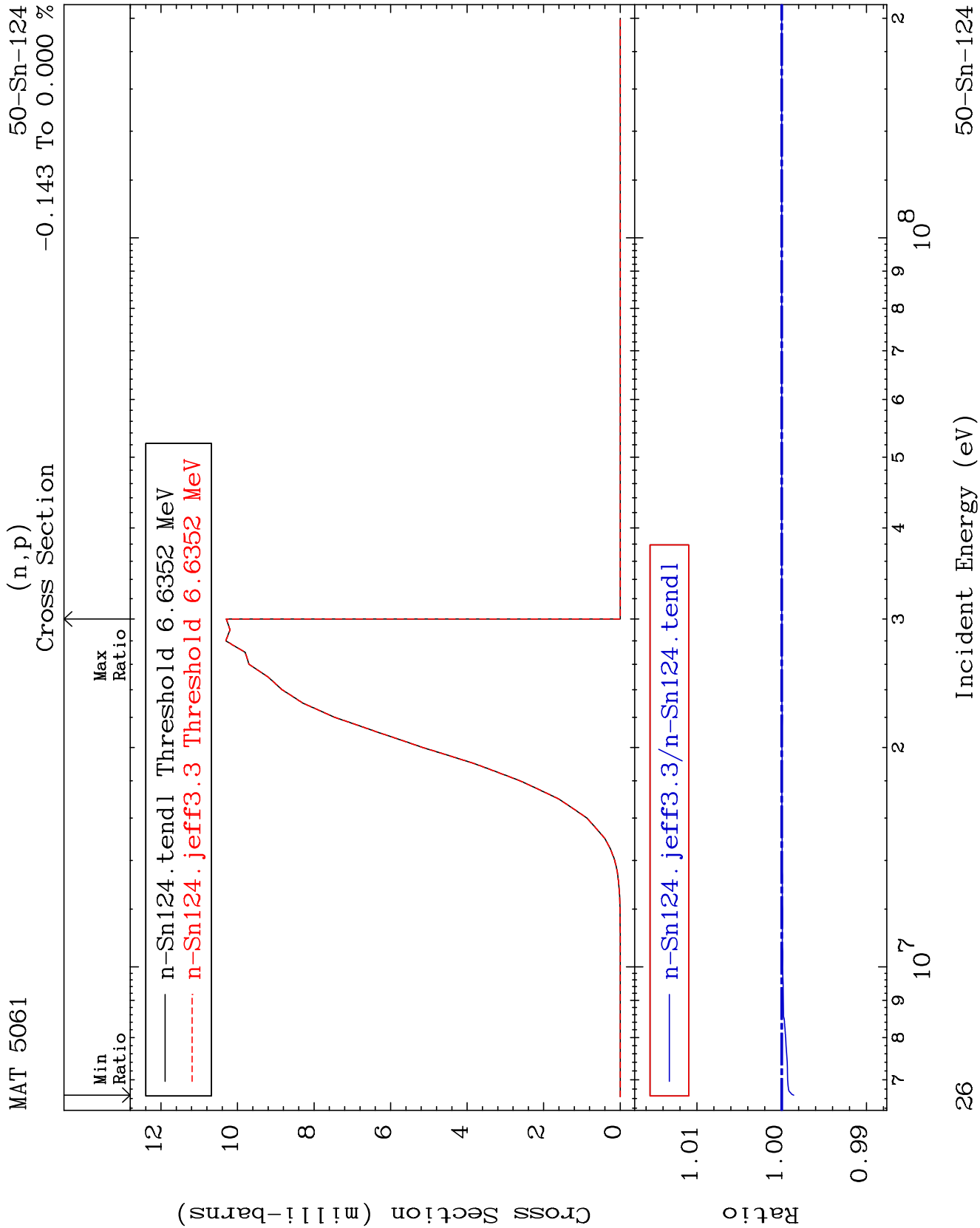
MAT 5061

(n,n') Continuum
Cross Section

50-Sn-124
-0.018 To 0.000 %







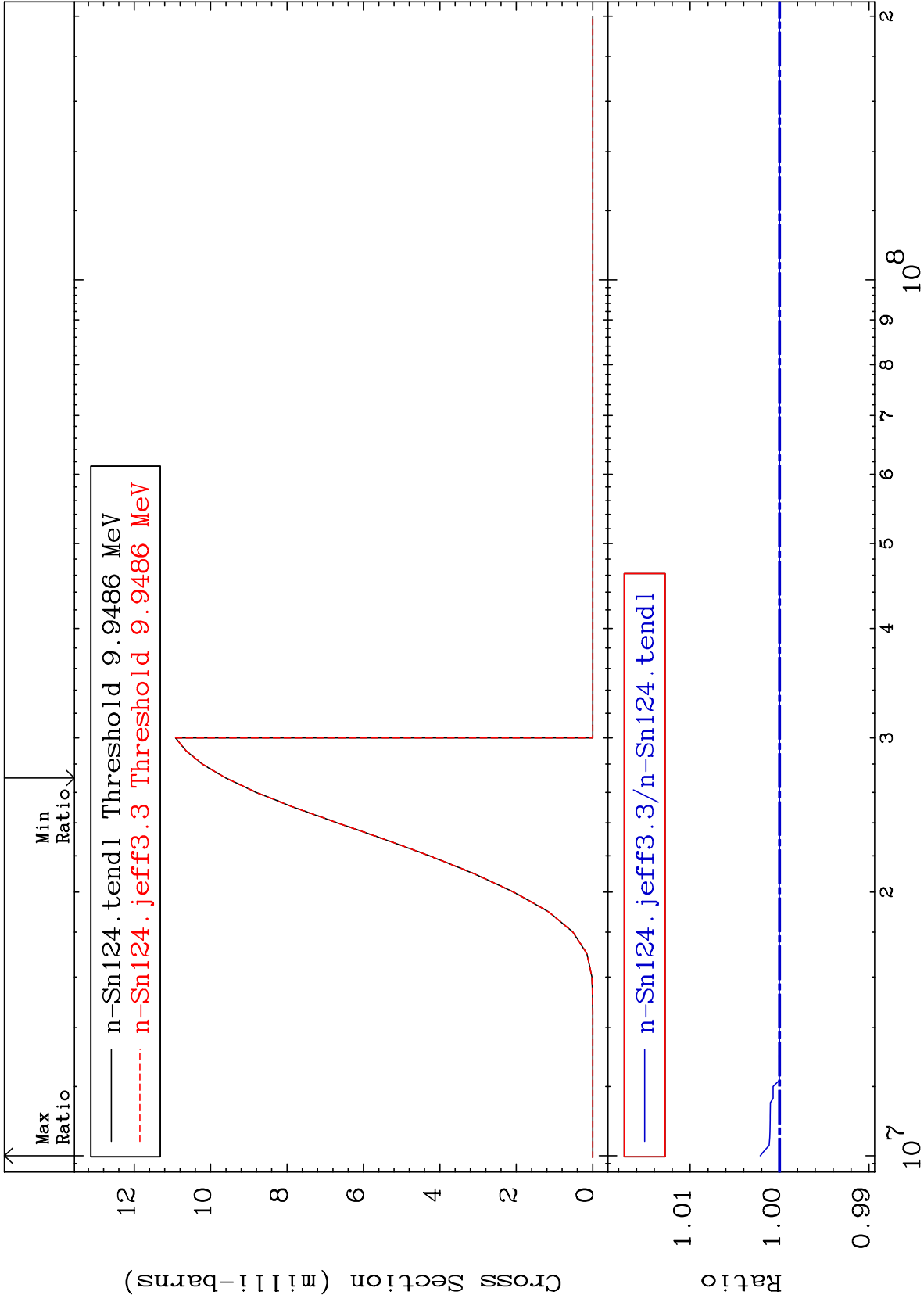
MAT 5061

(n,d)

50-Sn-124

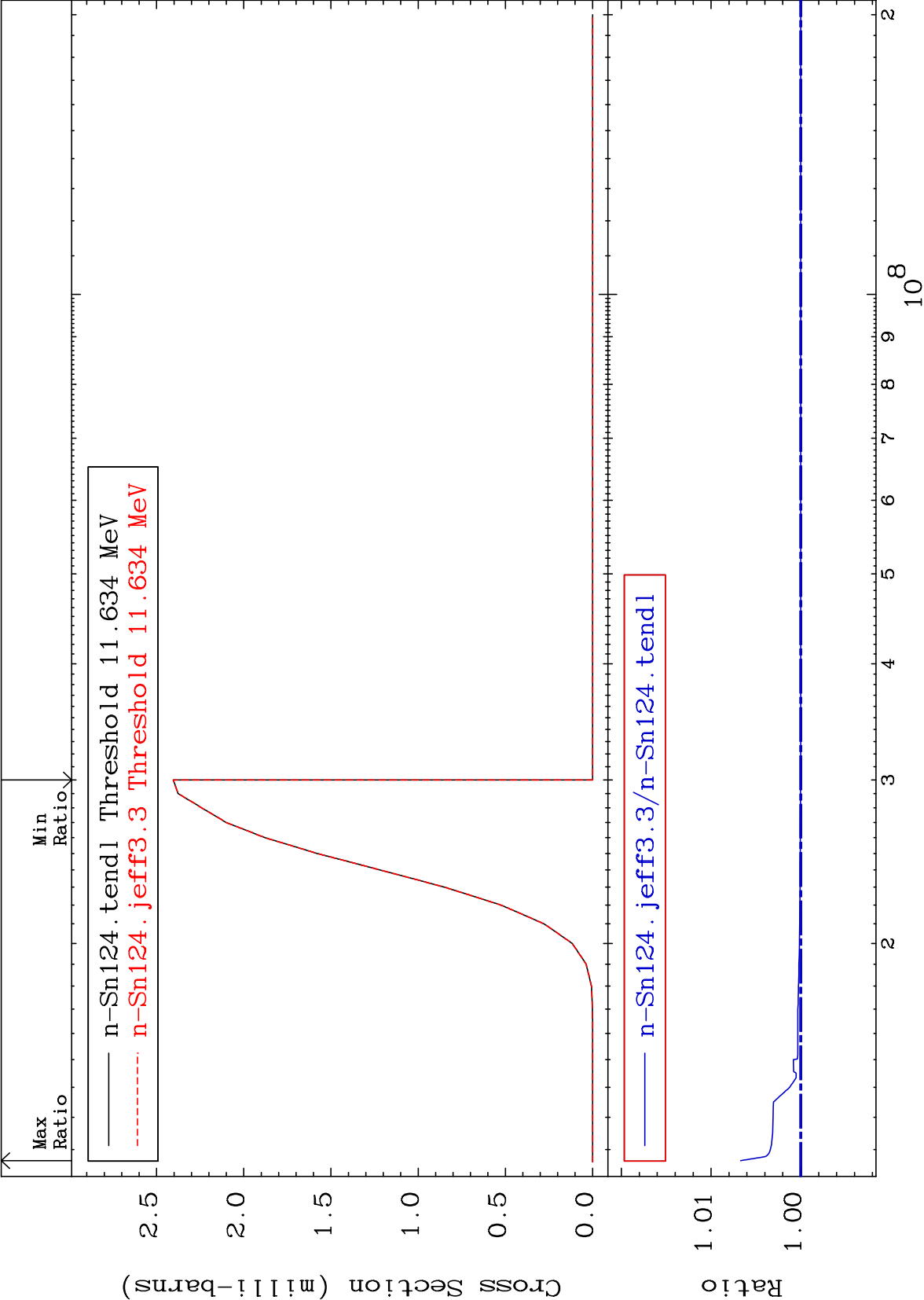
Cross Section

-0.001 To 0.217 %



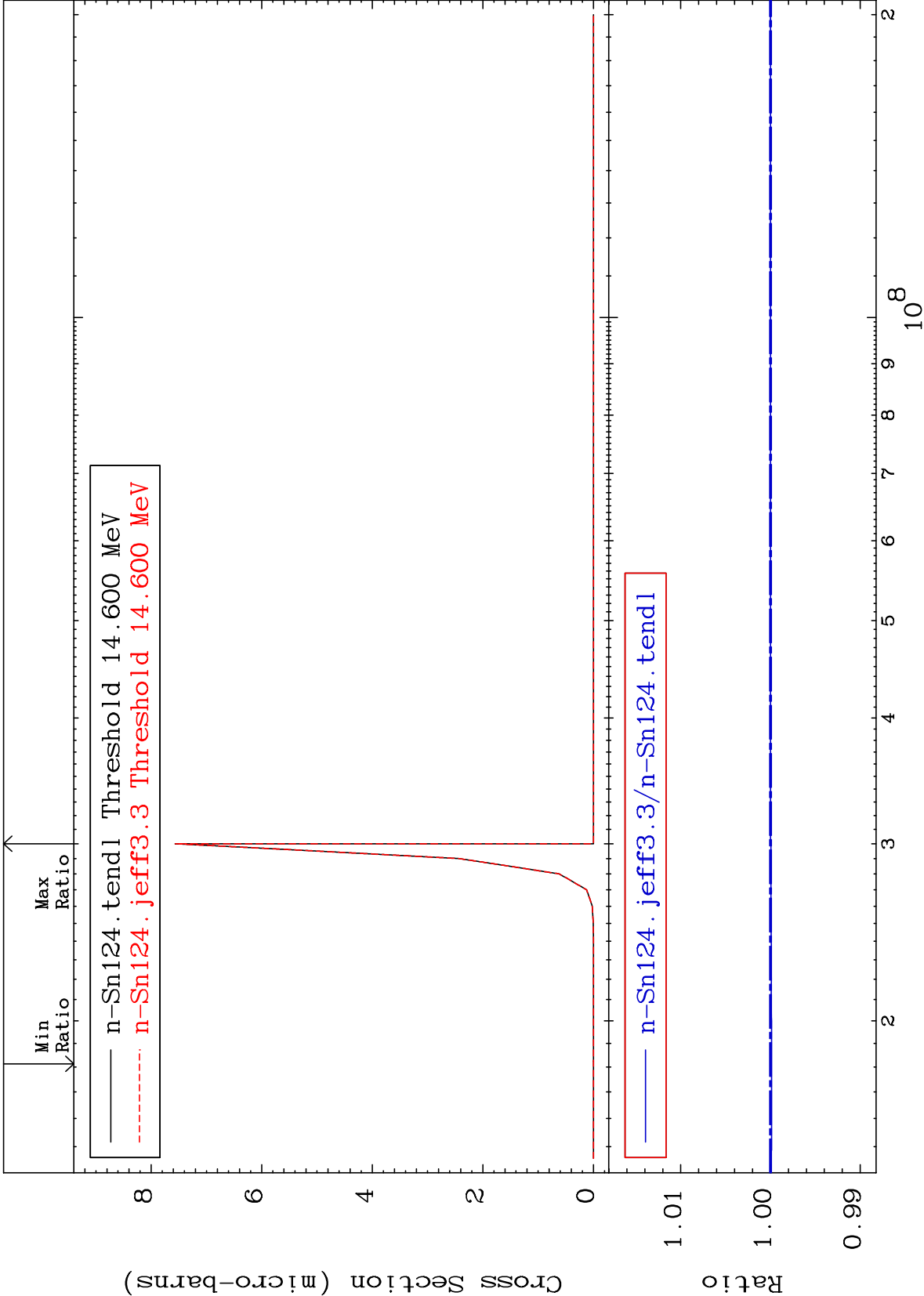
Incident Energy (eV)

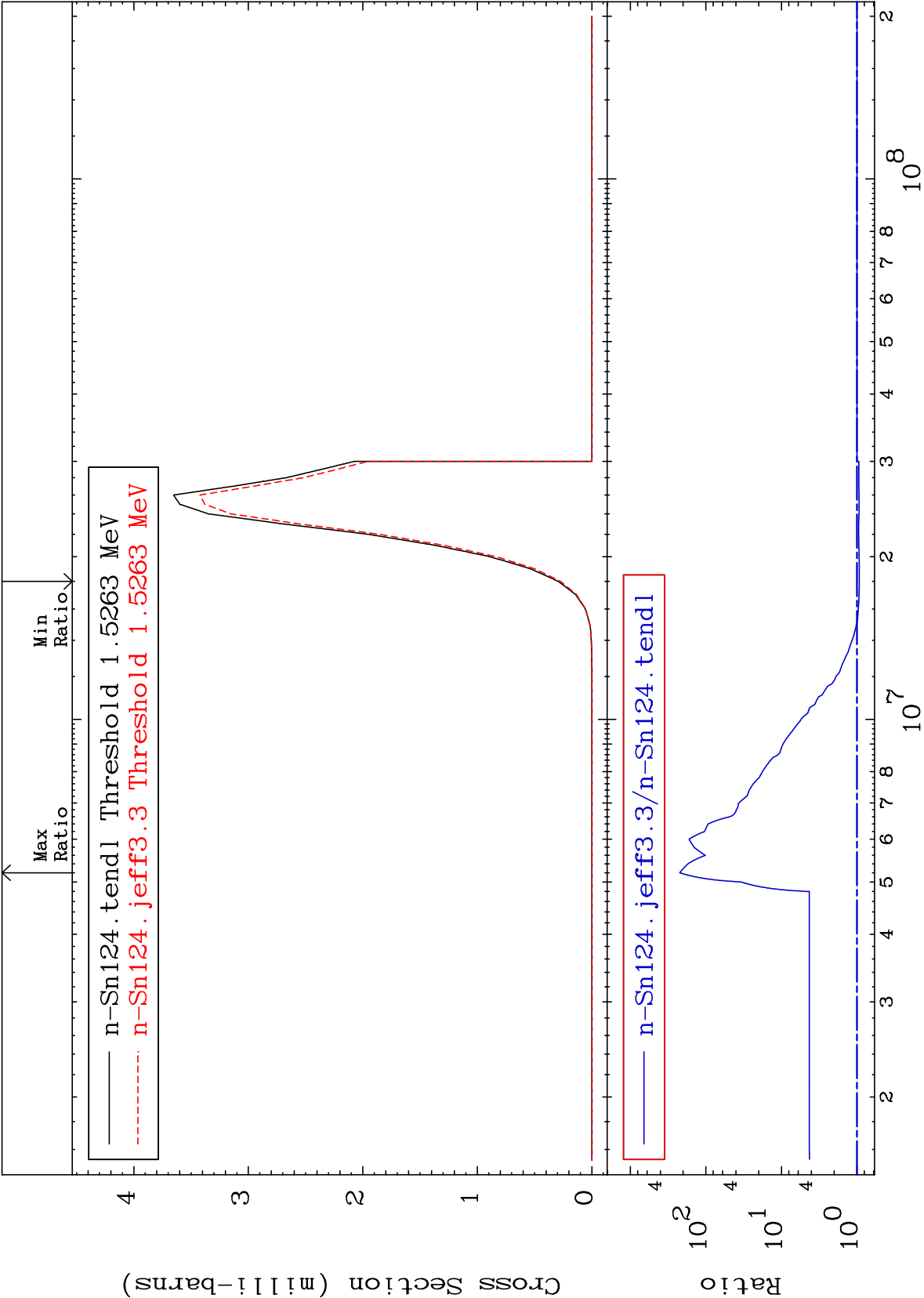
50-Sn-124

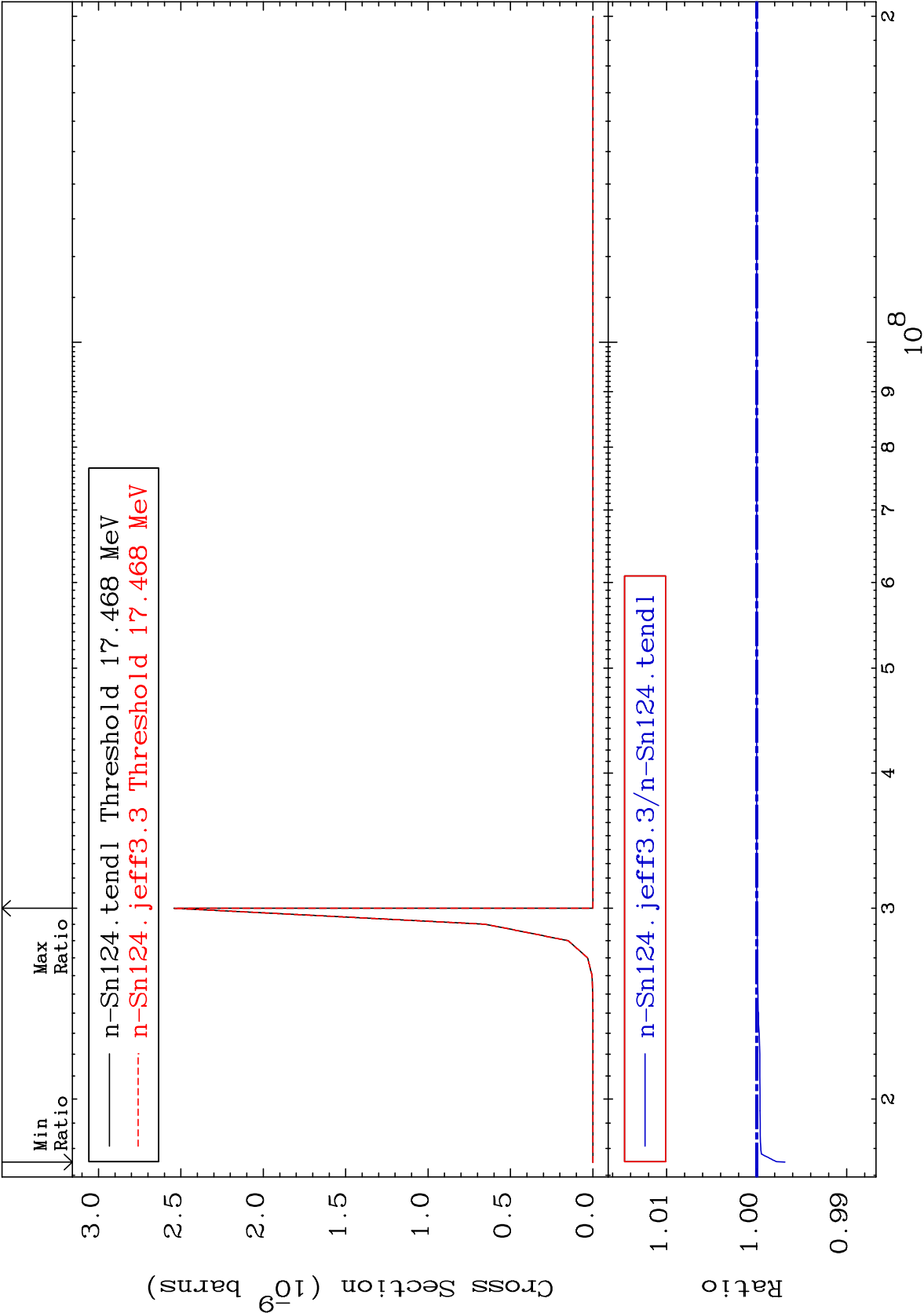


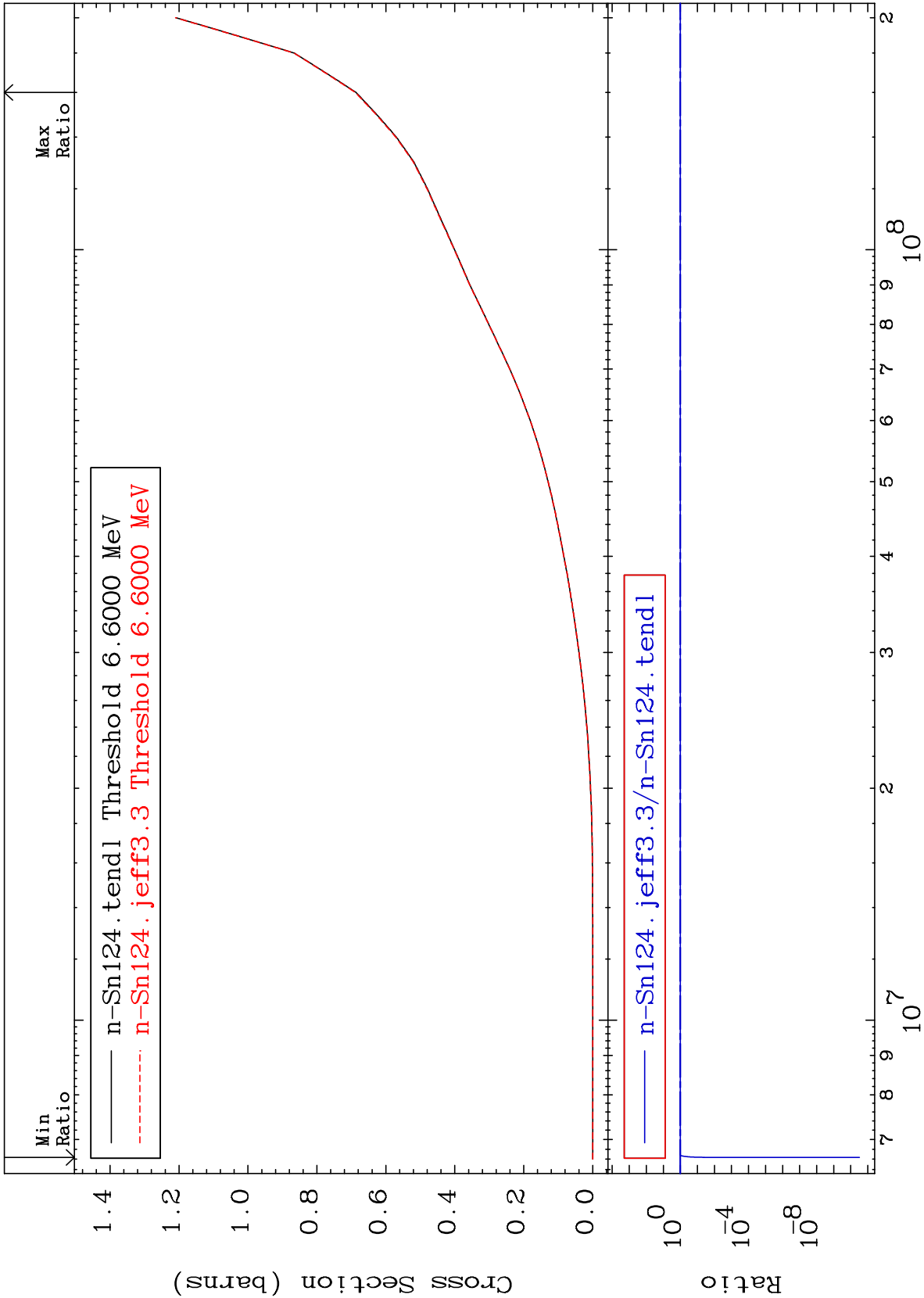
Cross Section

-0.013 To 0.000 %





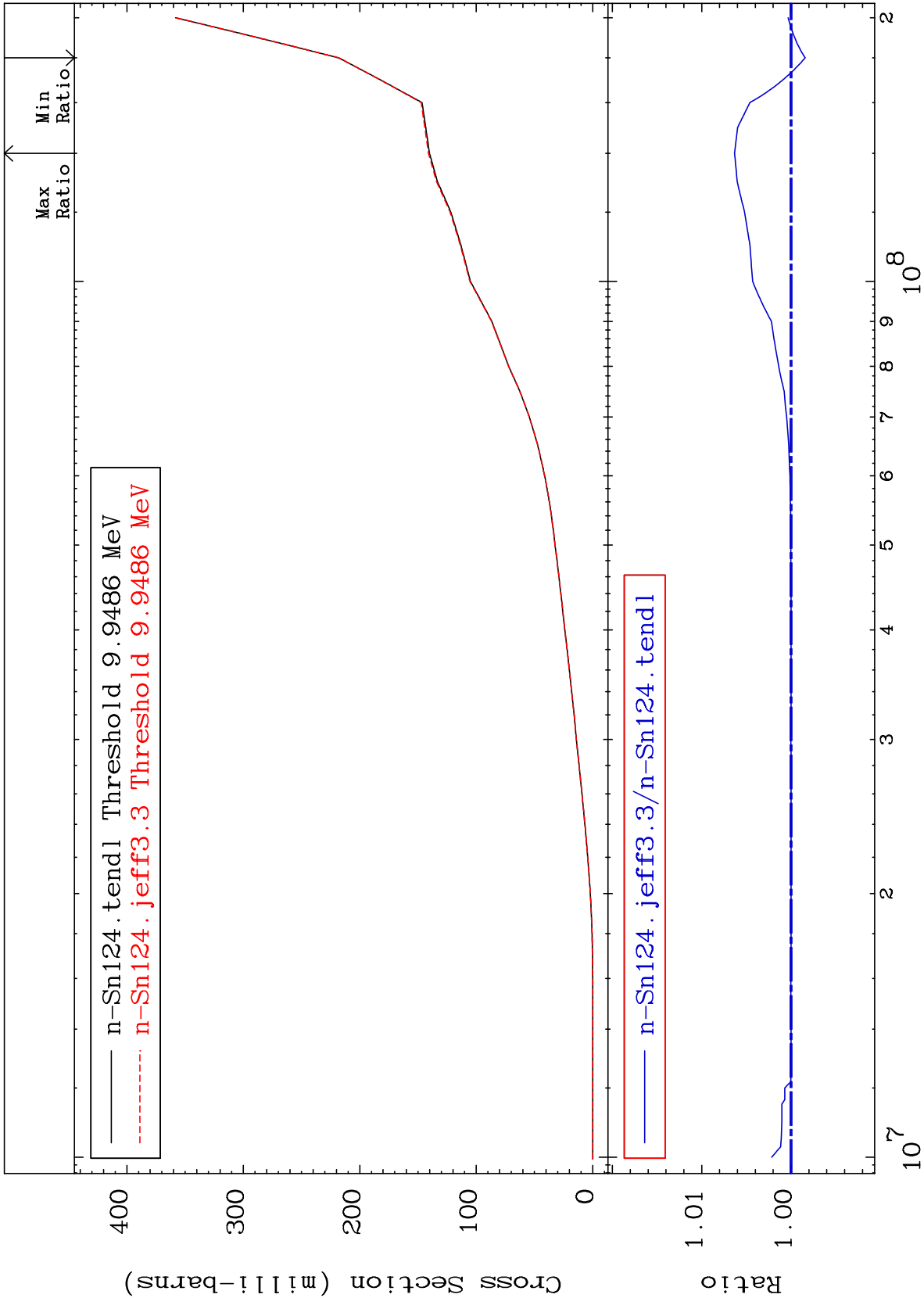




MAT 5061

Deuterium Production
Cross Section

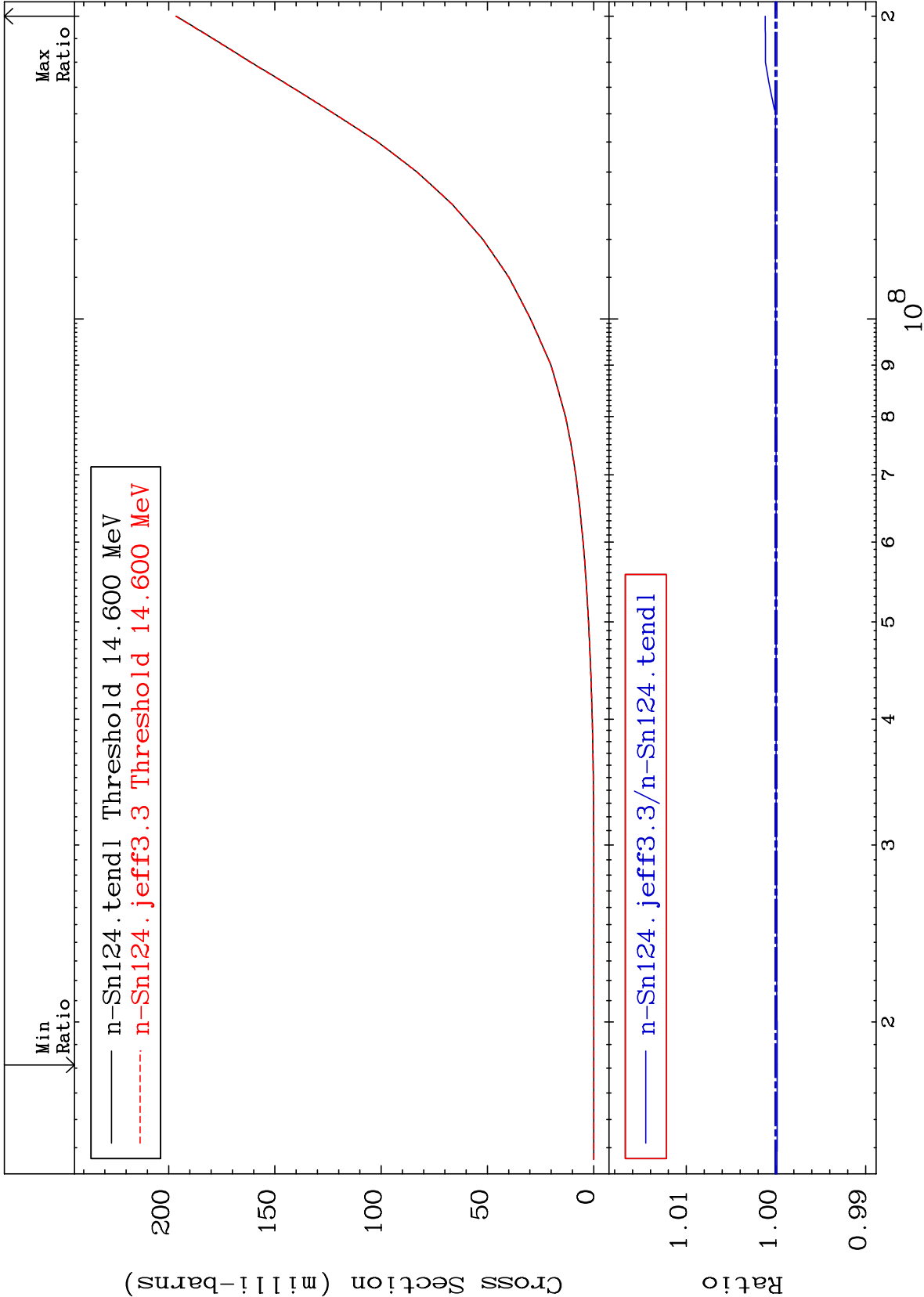
50-Sn-124
-0.158 To 0.632 %



Incident Energy (eV)

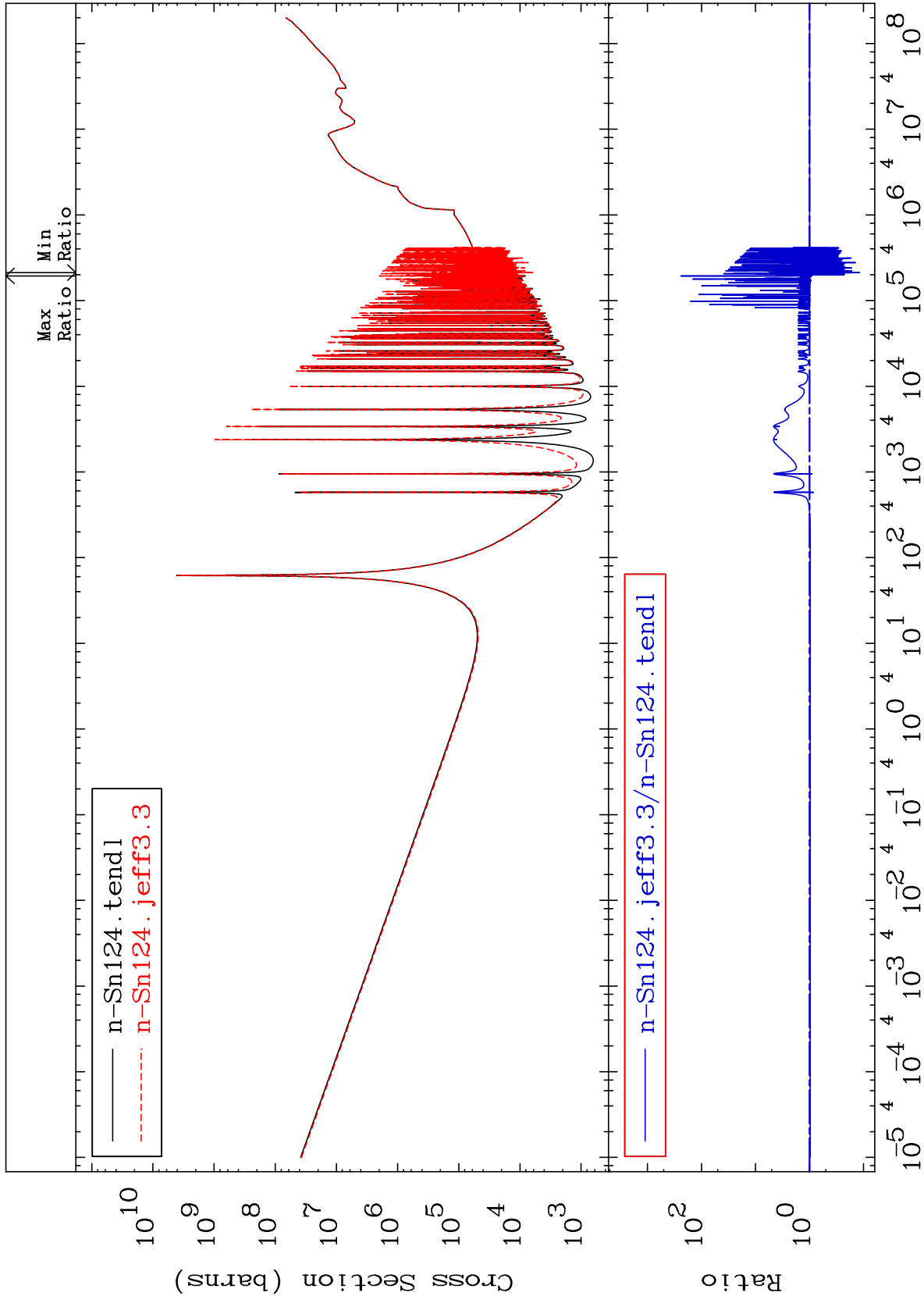
50-Sn-124

33



Cross Section

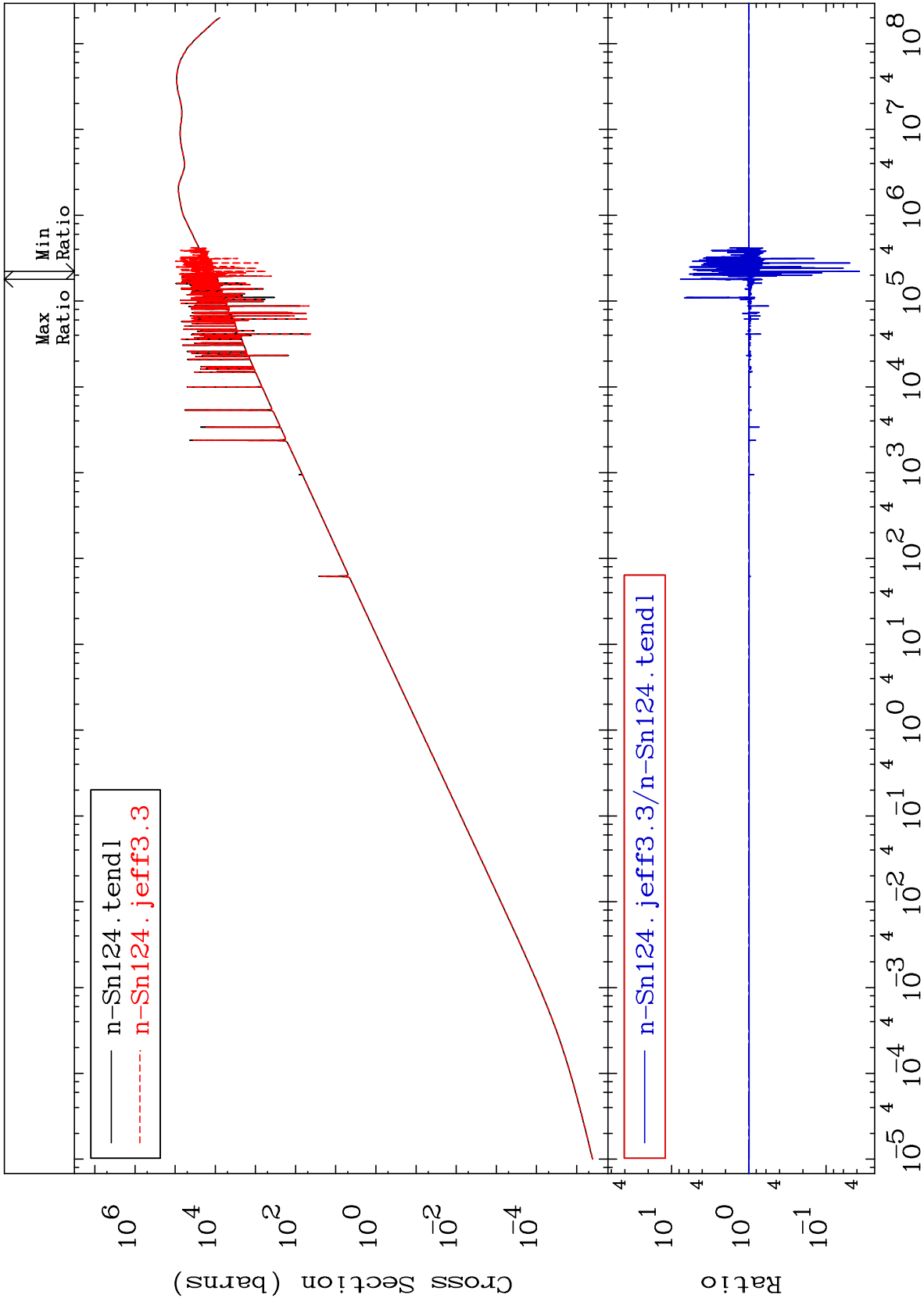
-88.12 To 9999. %



MAT 5061

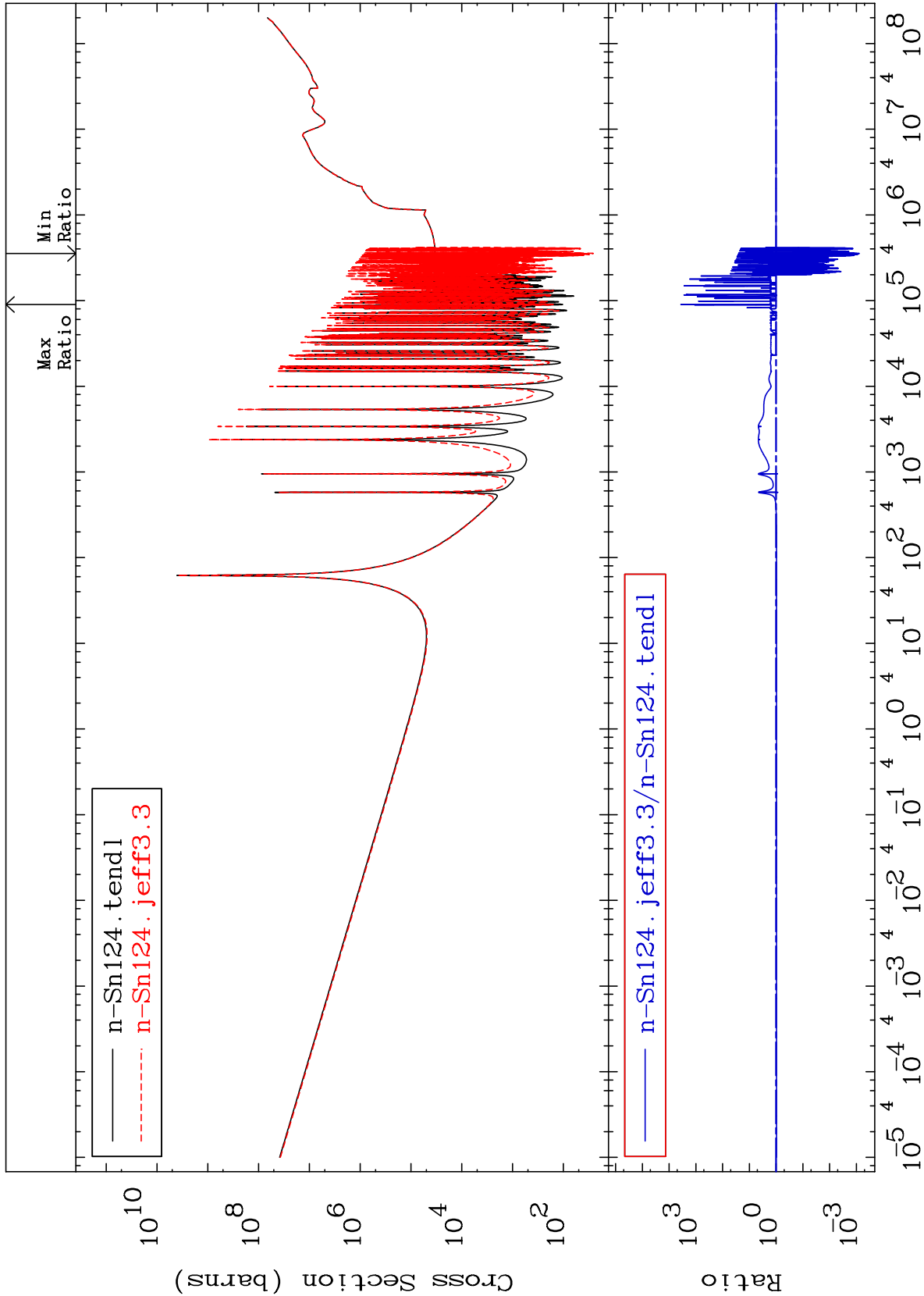
Kerma elastic
Cross Section

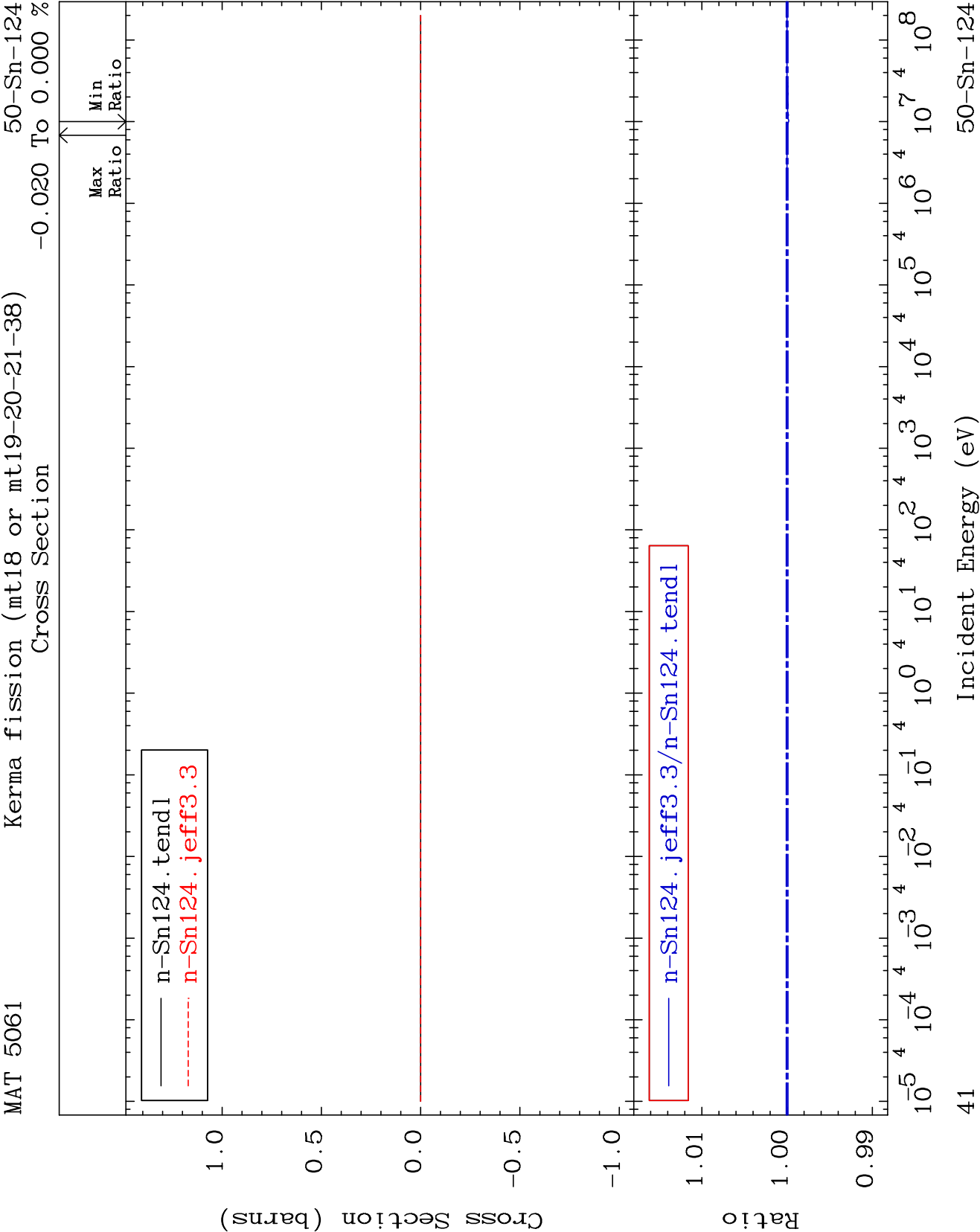
50-Sn-124
-96.29 To 667.6 %



Cross Section

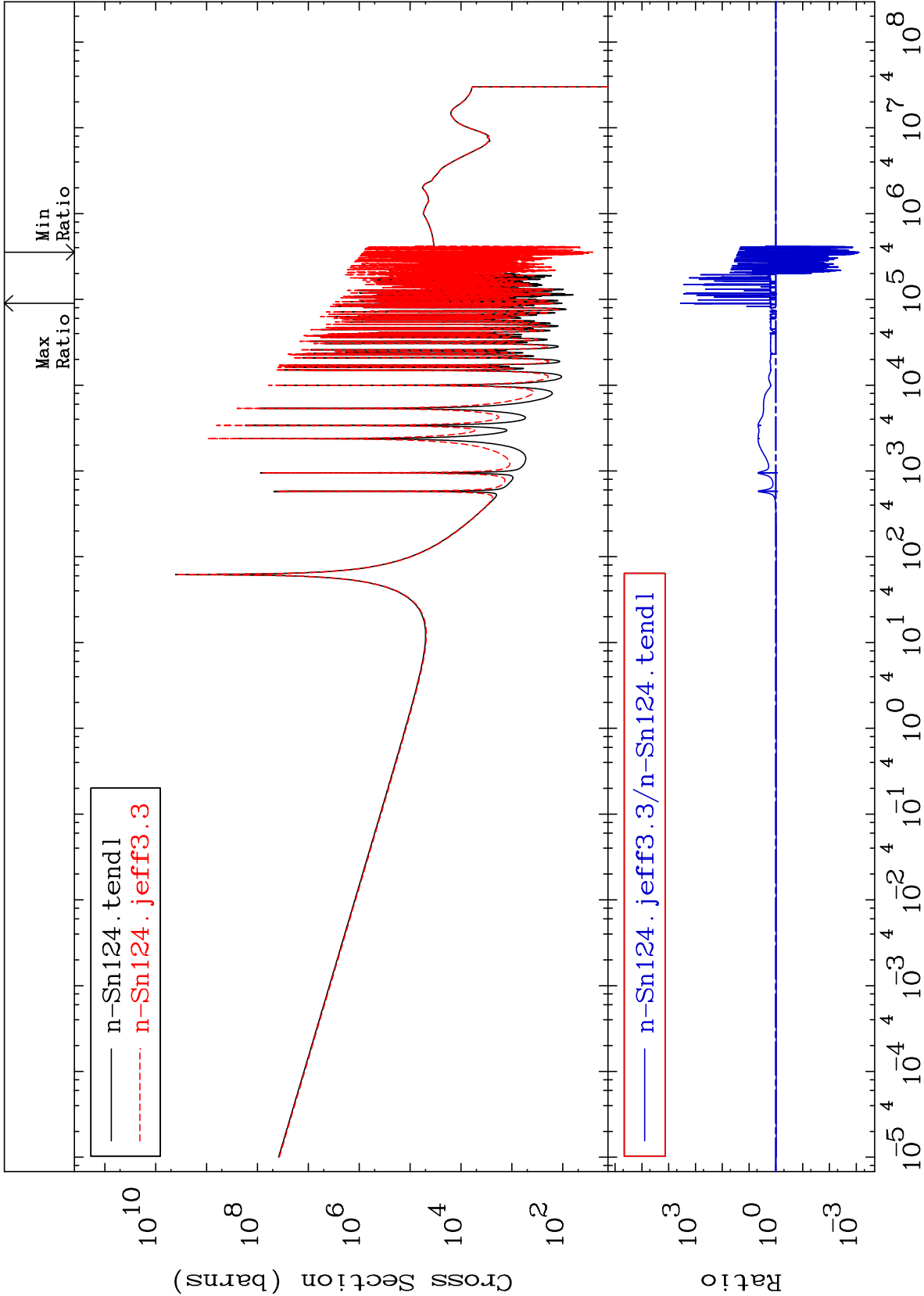
-99.92 To 9999. %





Cross Section

-99.92 To 9999. %



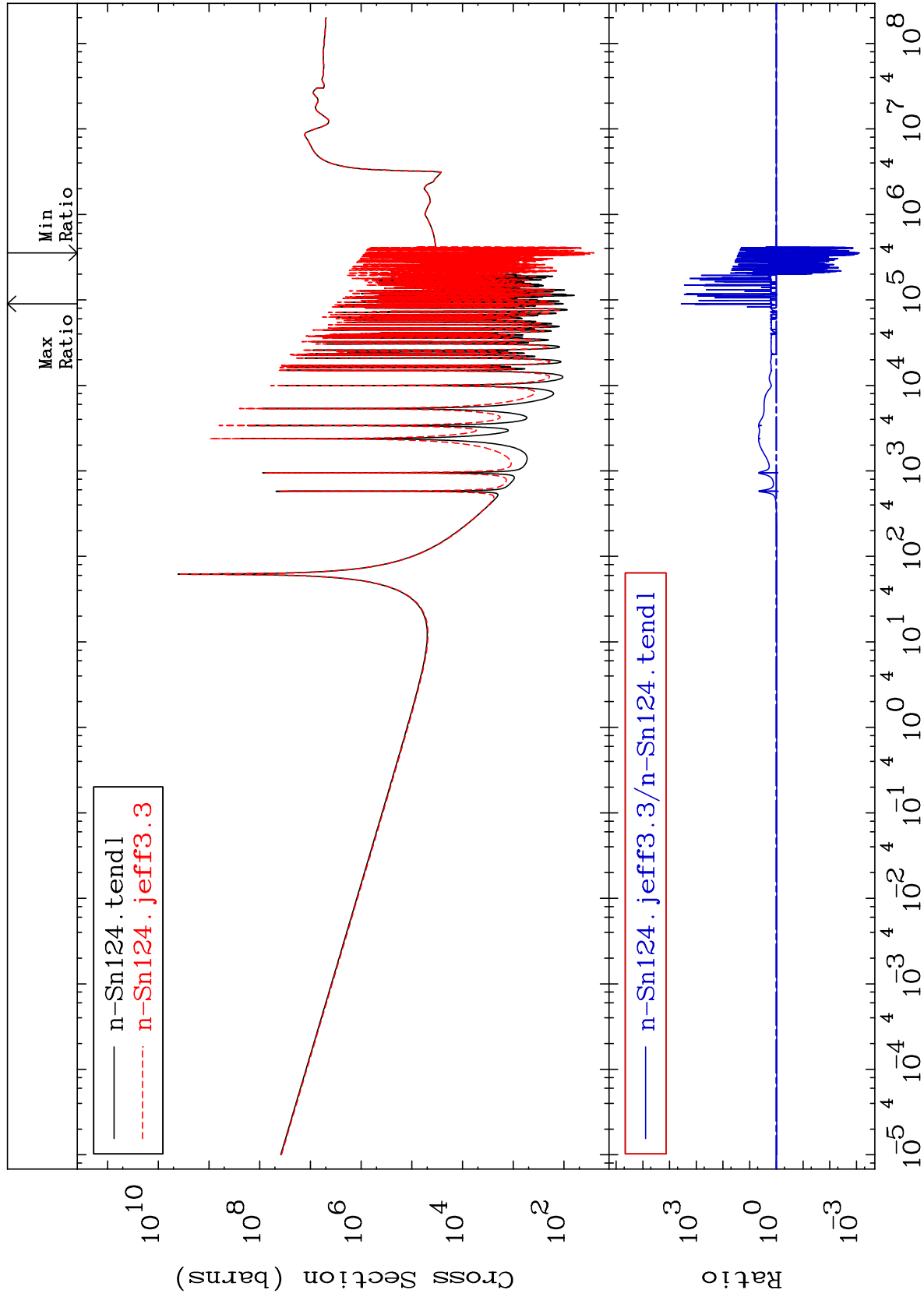
MAT 5061

Total photon (eV-barns)

50-Sn-124

Cross Section

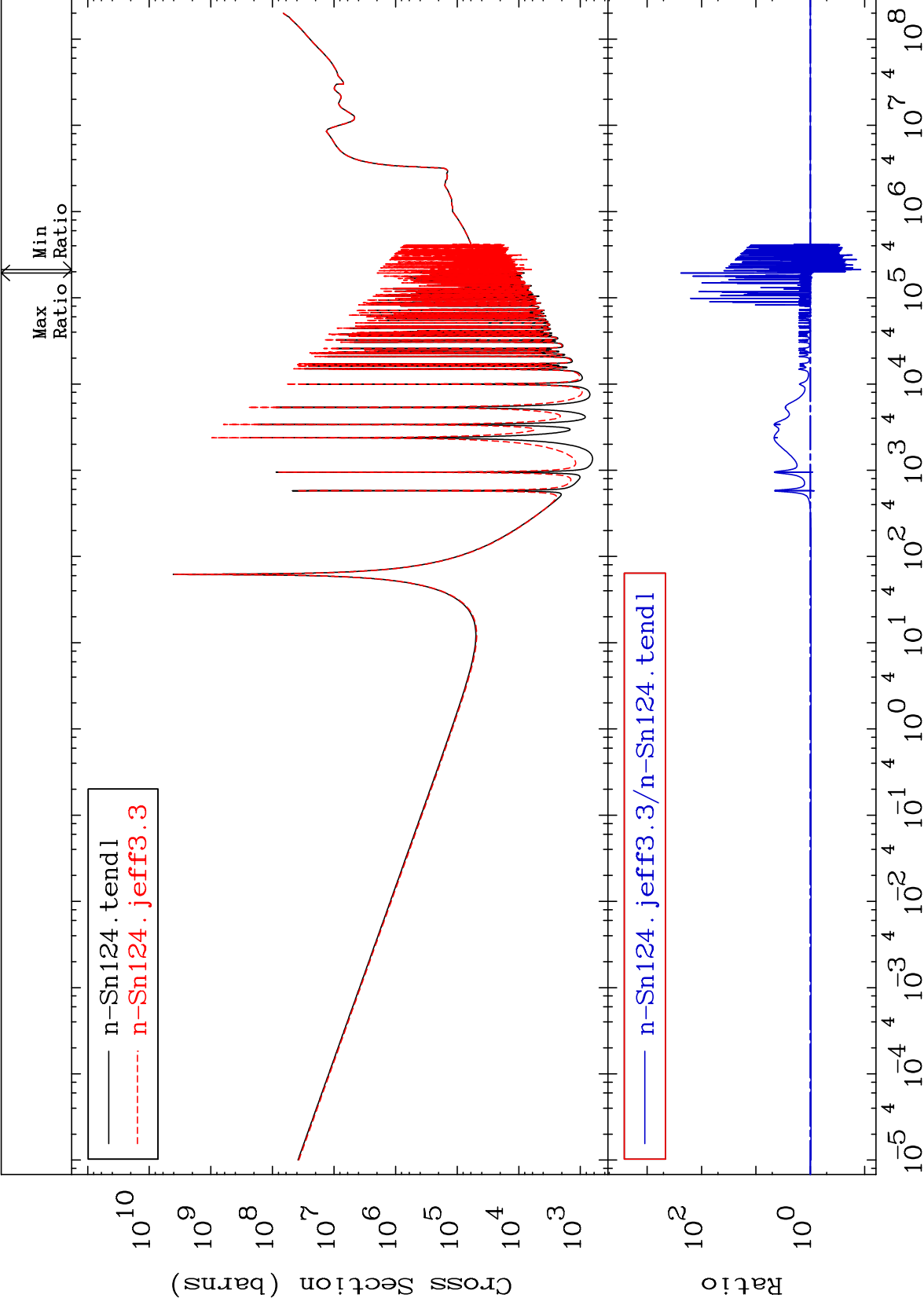
-99.92 To 9999. %



43

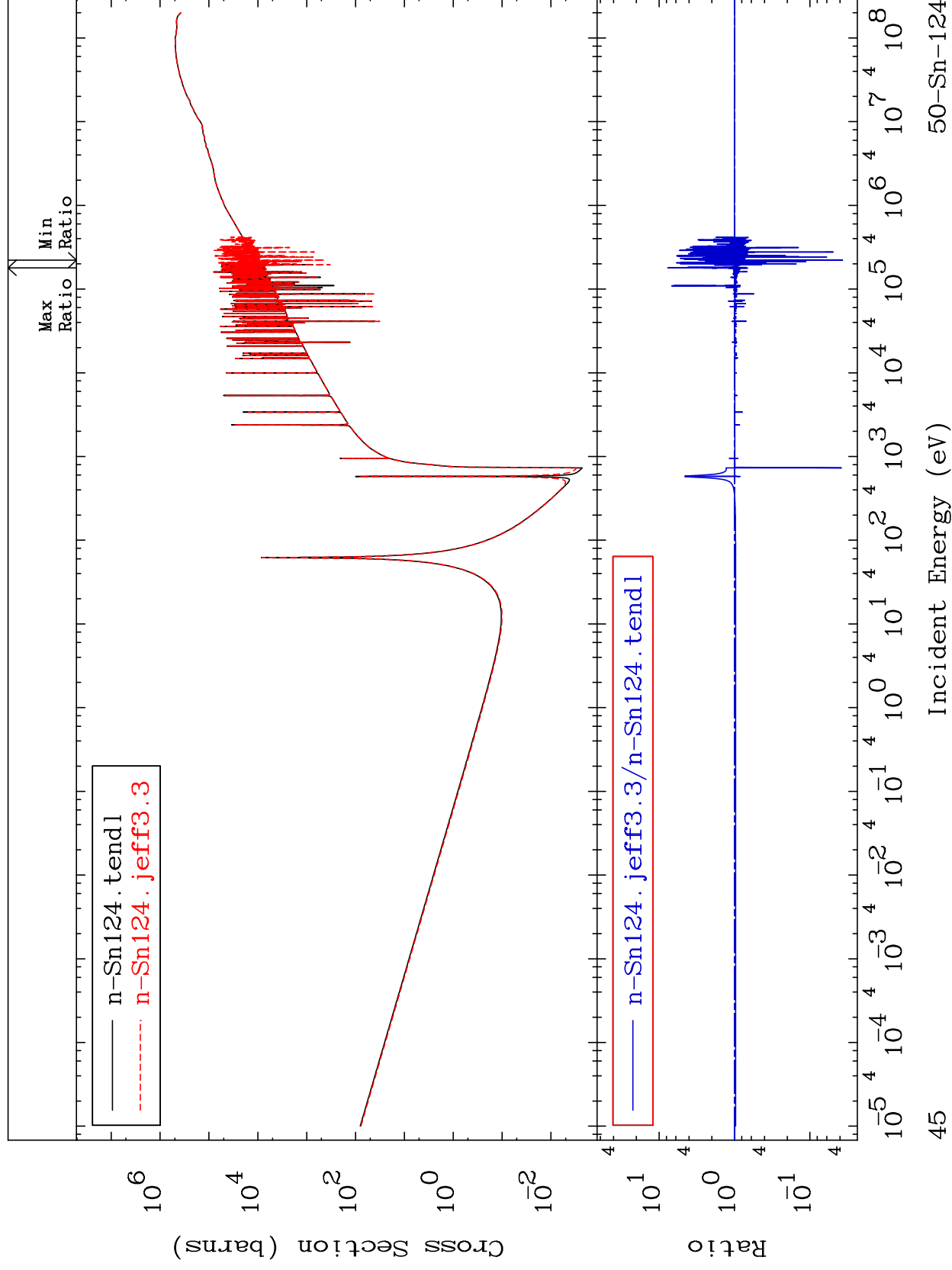
Incident Energy (eV)

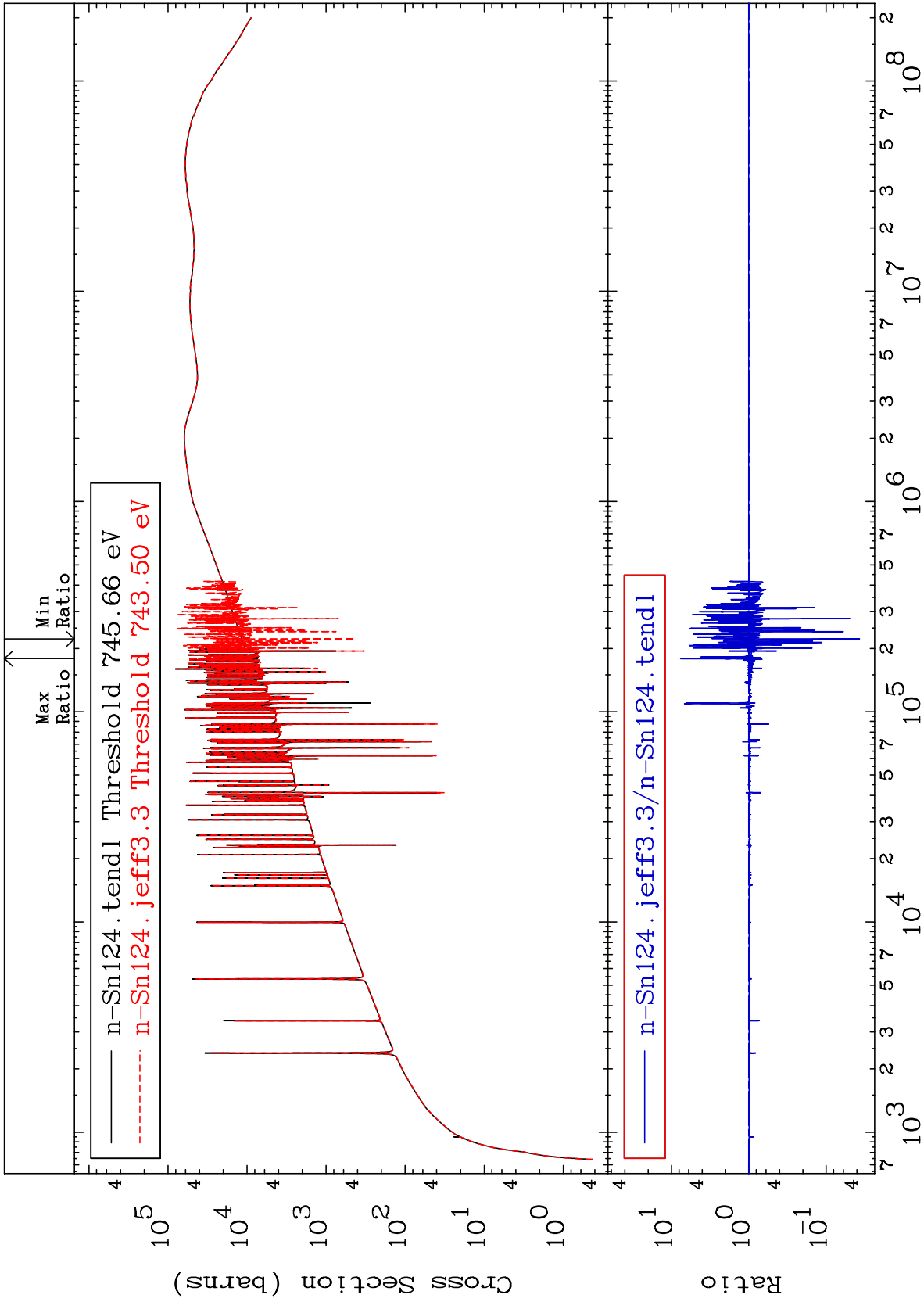
50-Sn-124

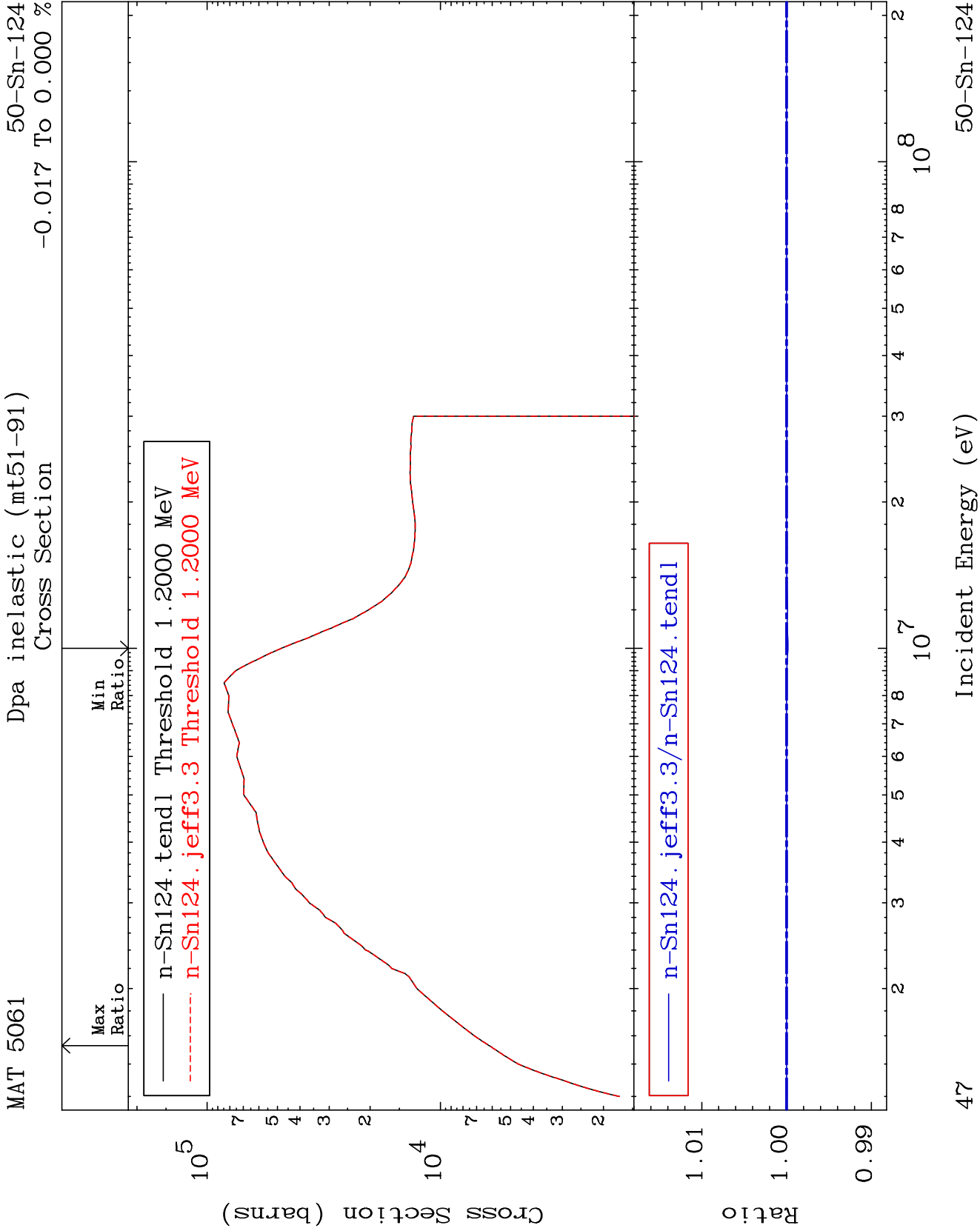


50-Sn-124

-96.29 To 667.7 %

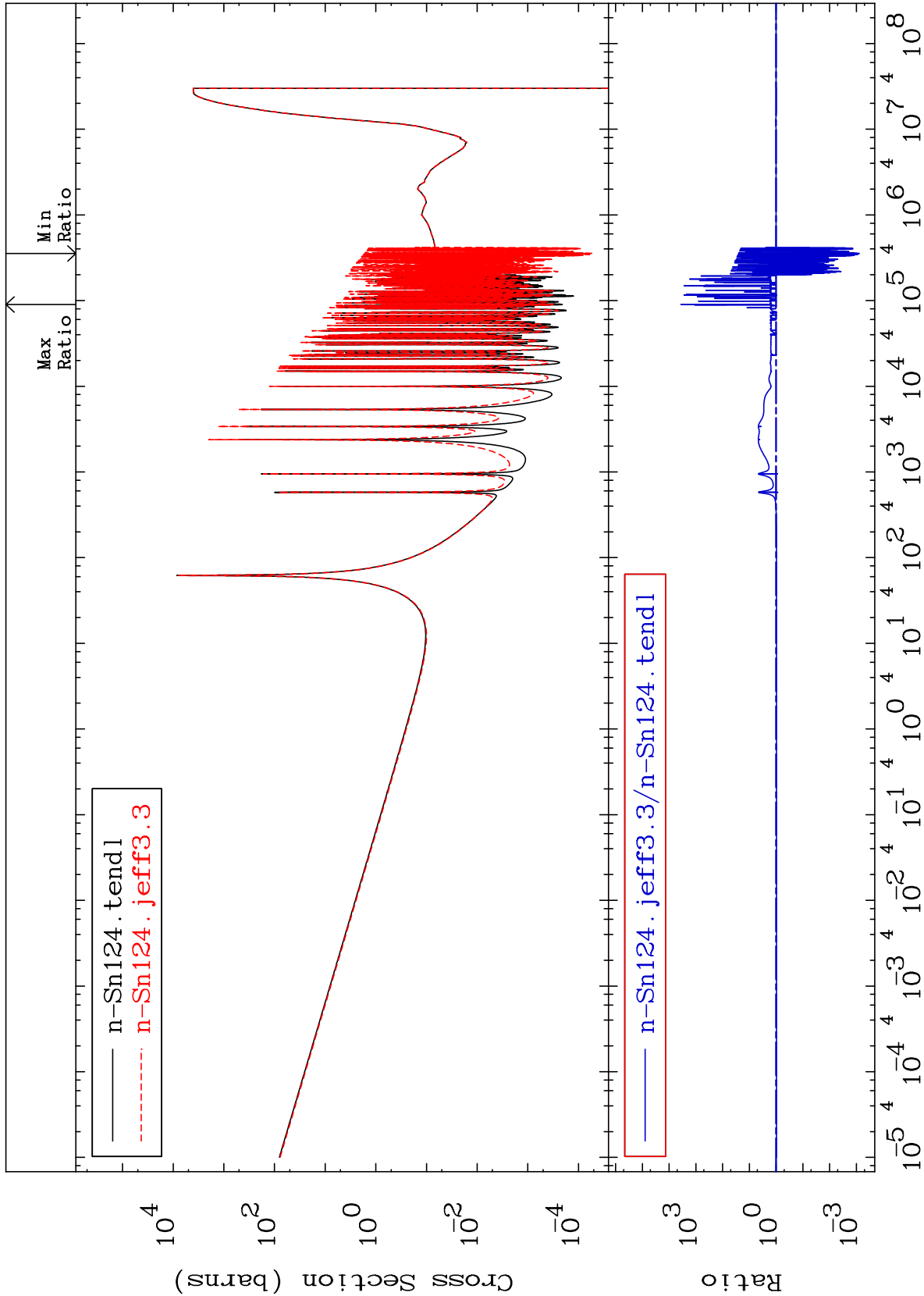






Cross Section

-99.92 To 9999. %



MAT 5061

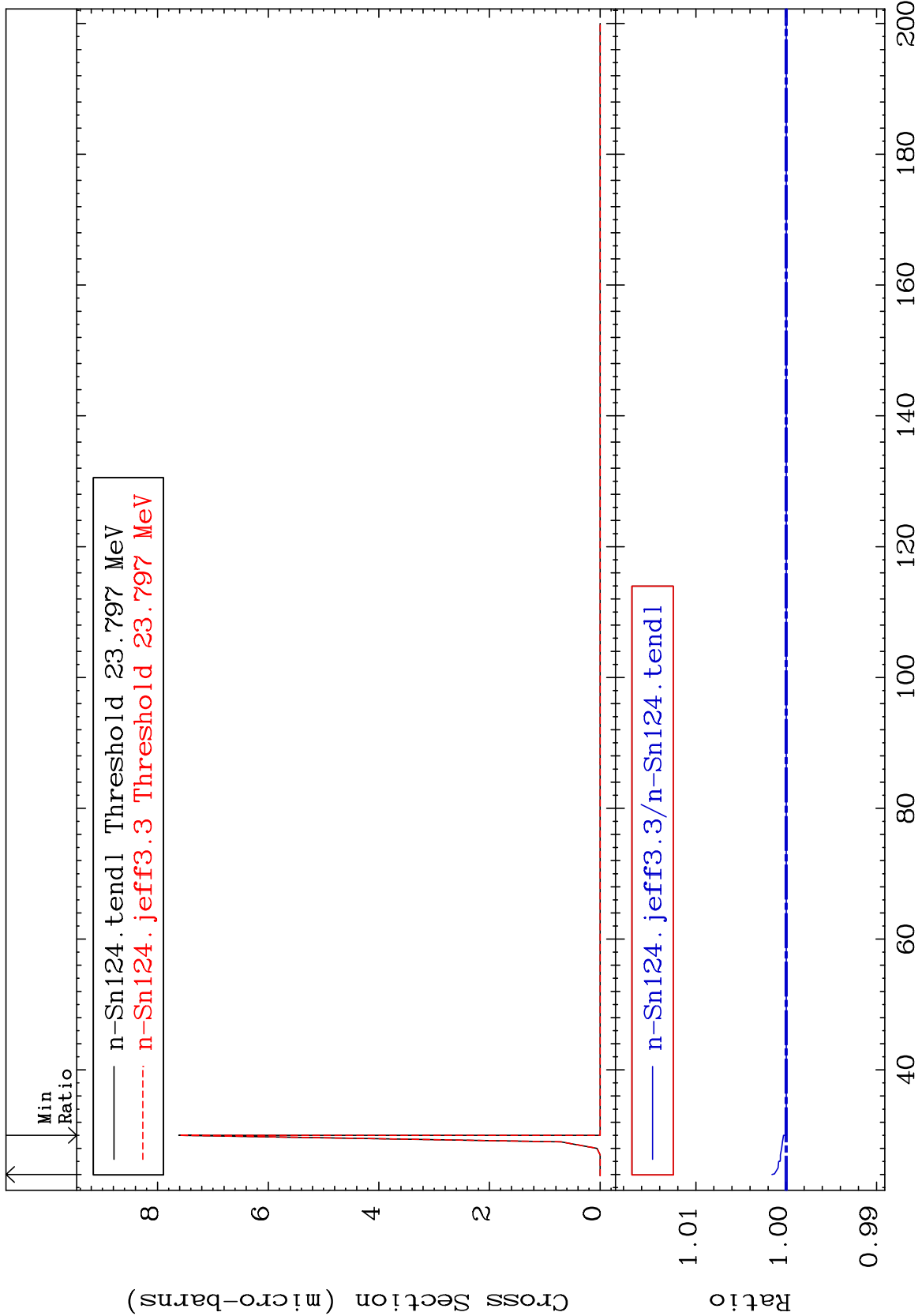
(n,2n) d:49-In-121g

50-Sn-124

Radionuclide Production Cross Section

0.000

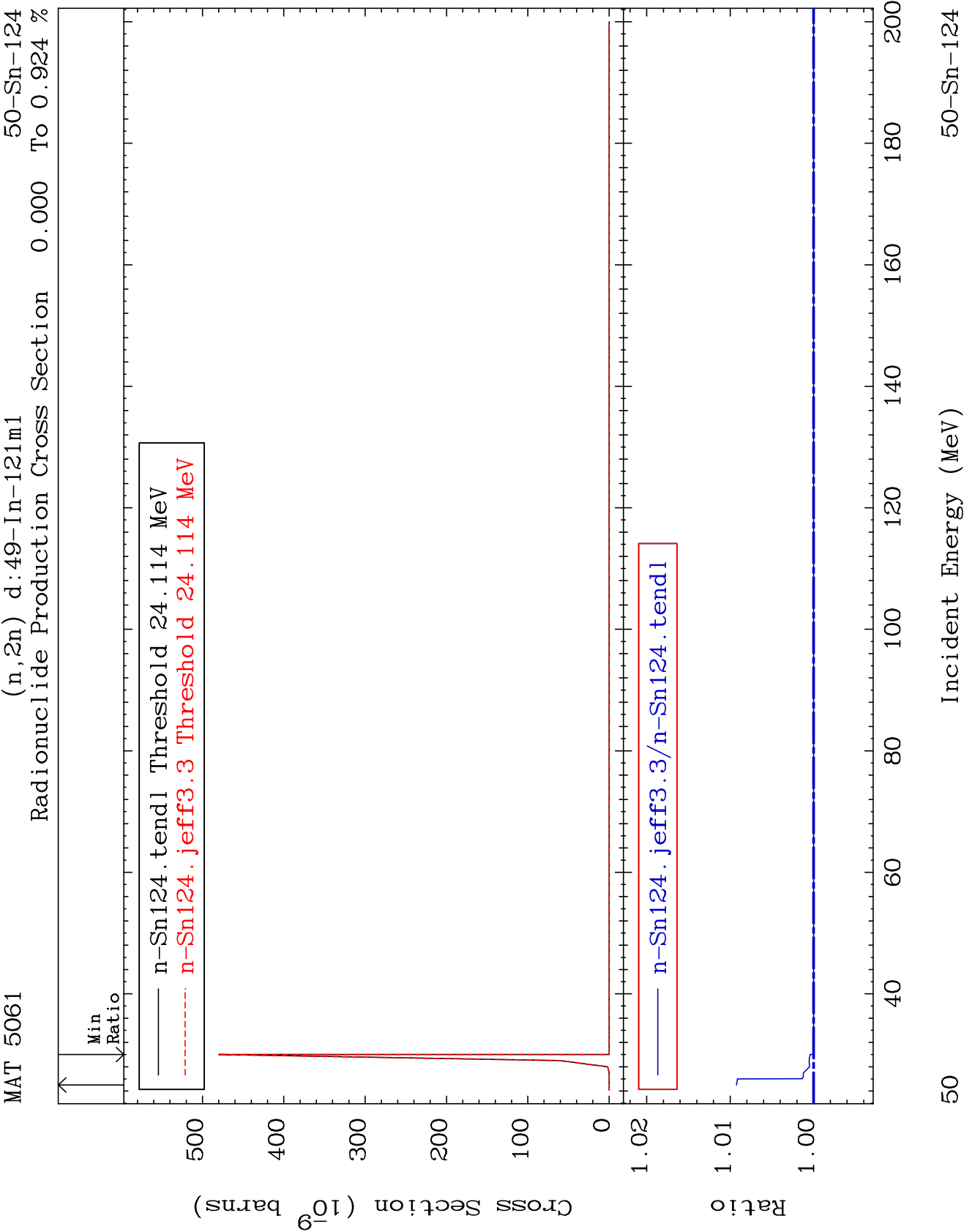
To 0.159 %



49

Incident Energy (MeV)

50-Sn-124



MAT 5061

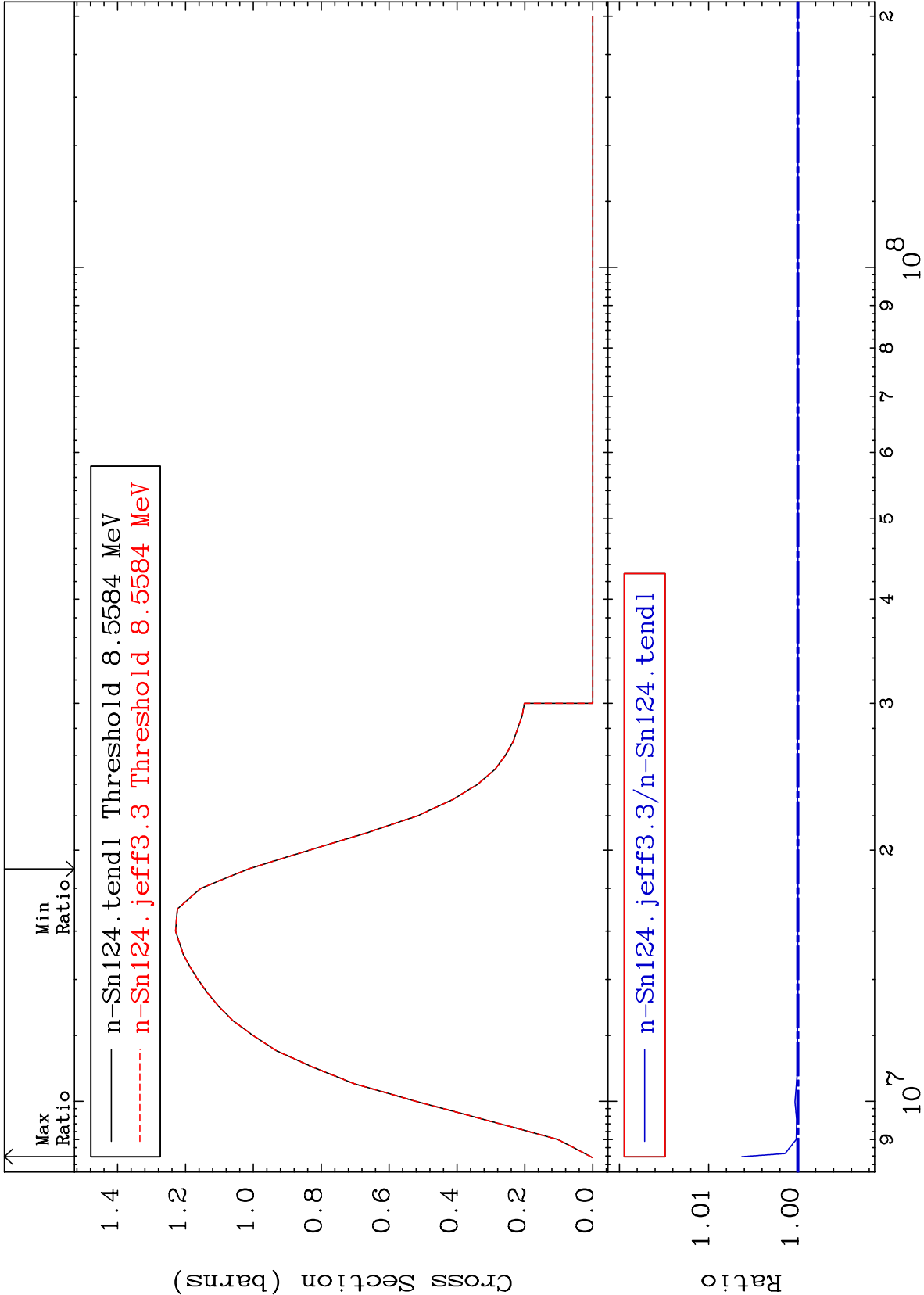
(n,2n):50-Sn-123g

50-Sn-124

Radionuclide Production Cross Section

0.000

To 0.627 %



51

Incident Energy (eV)

50-Sn-124

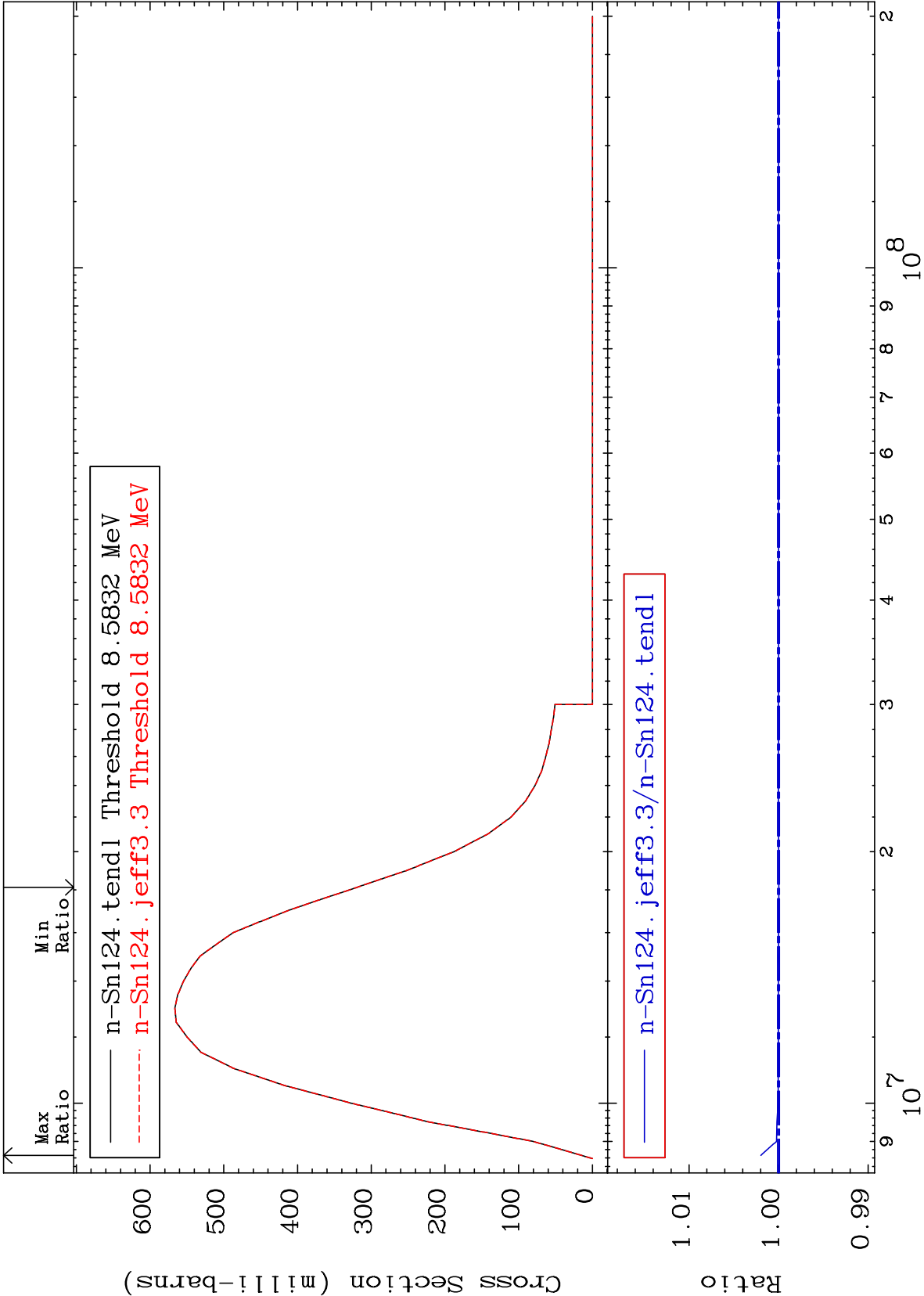
MAT 5061

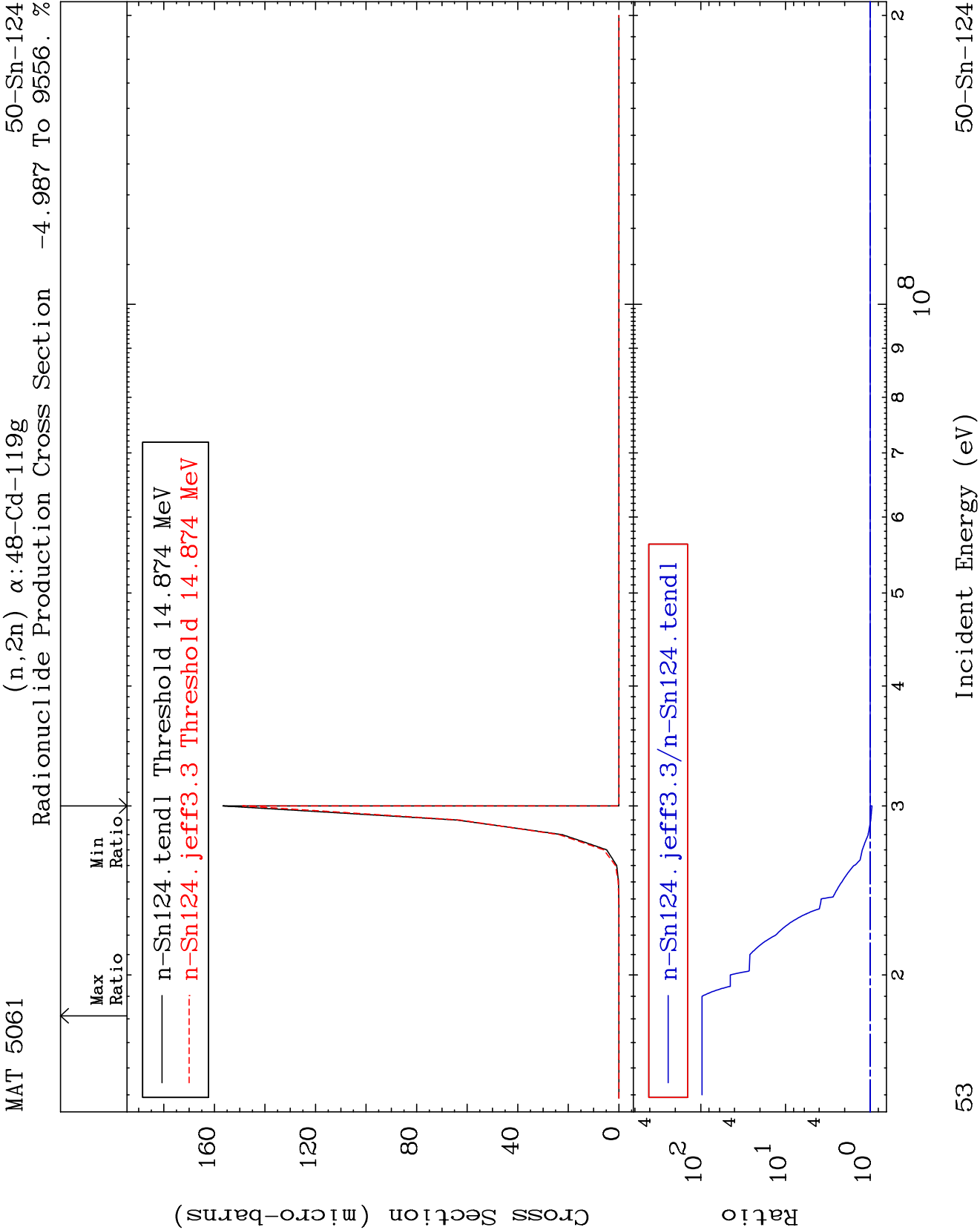
(n,2n):50-Sn-123m1

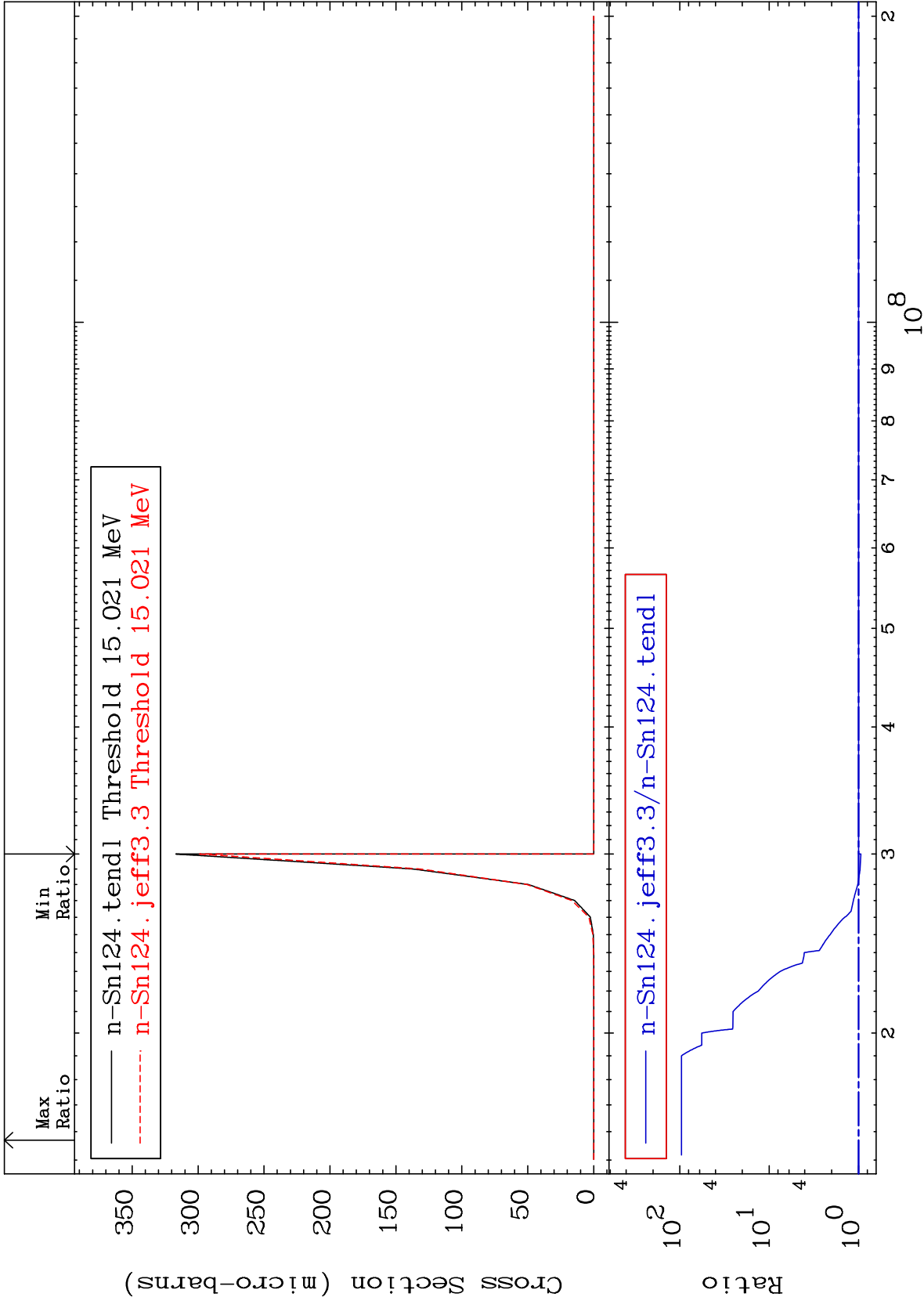
50-Sn-124

Radionuclide Production Cross Section

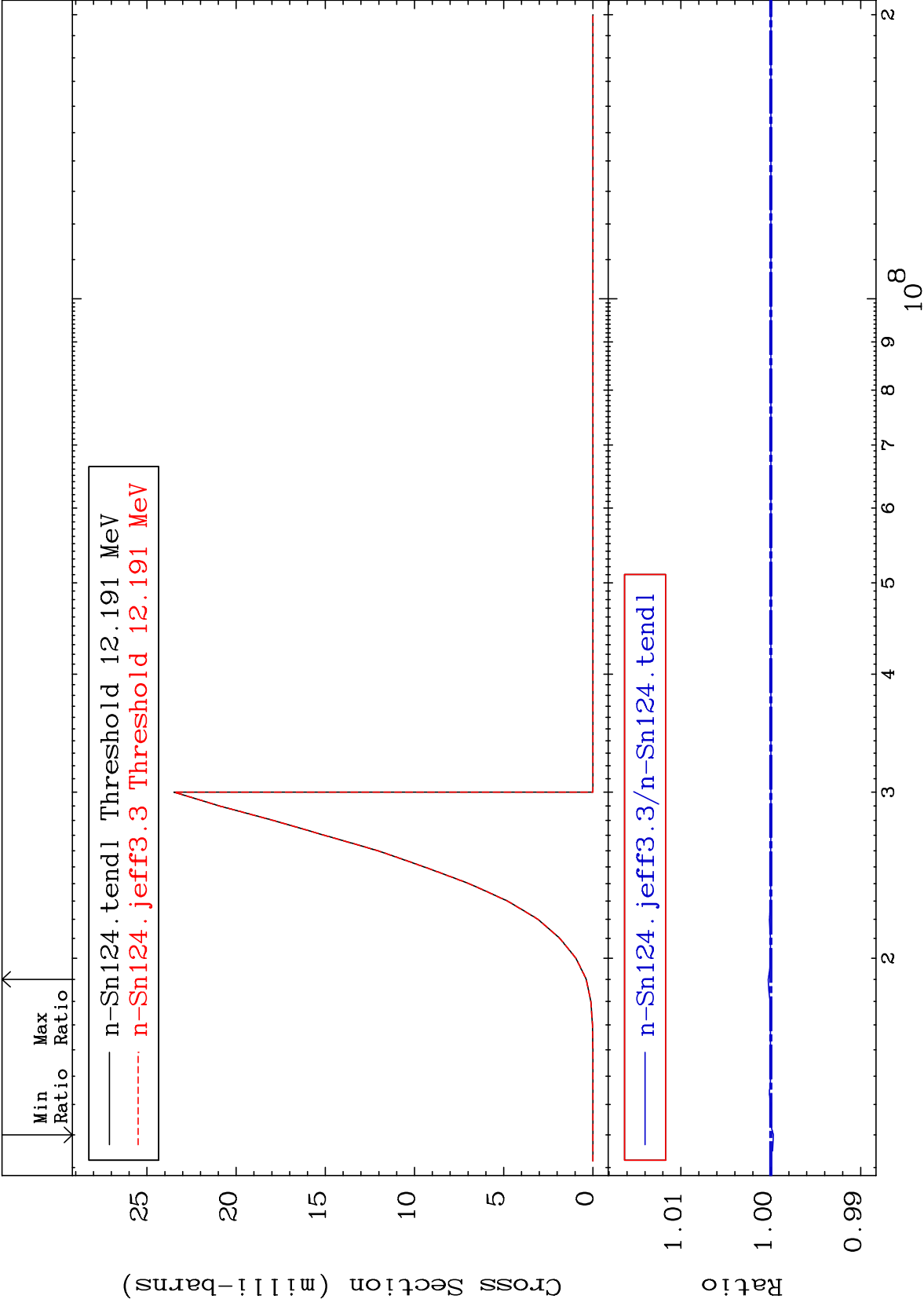
-0.002 To 0.198 %

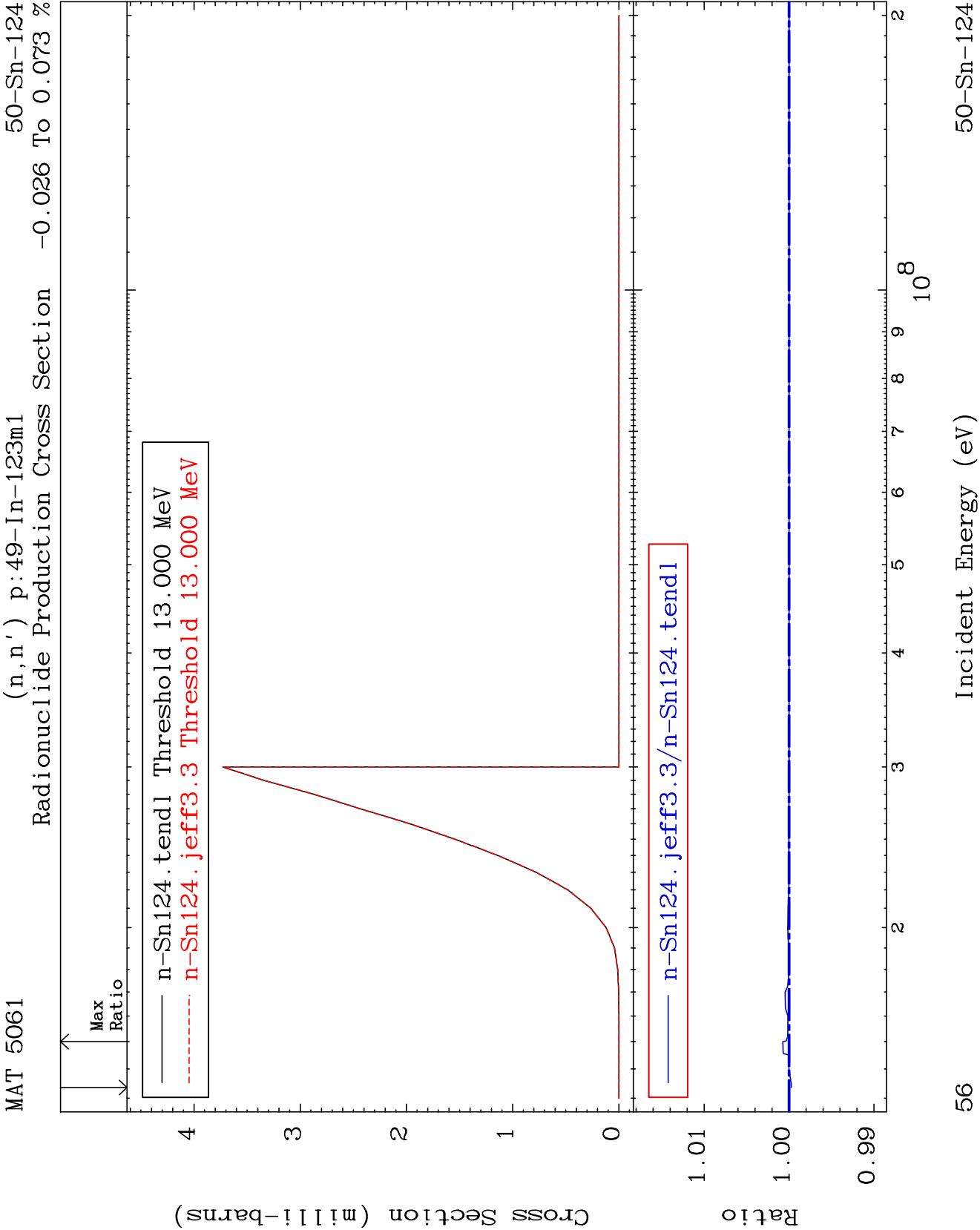


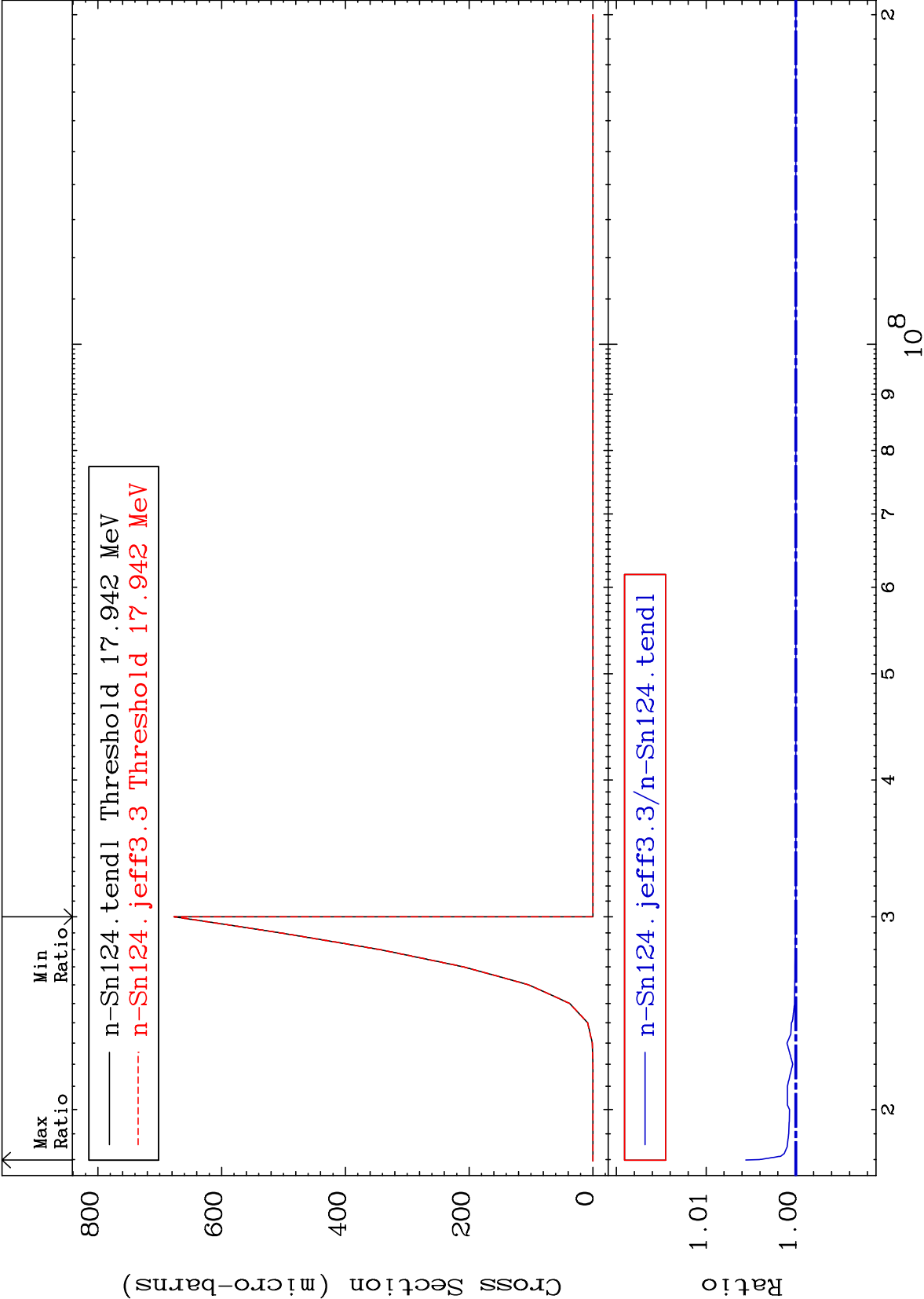


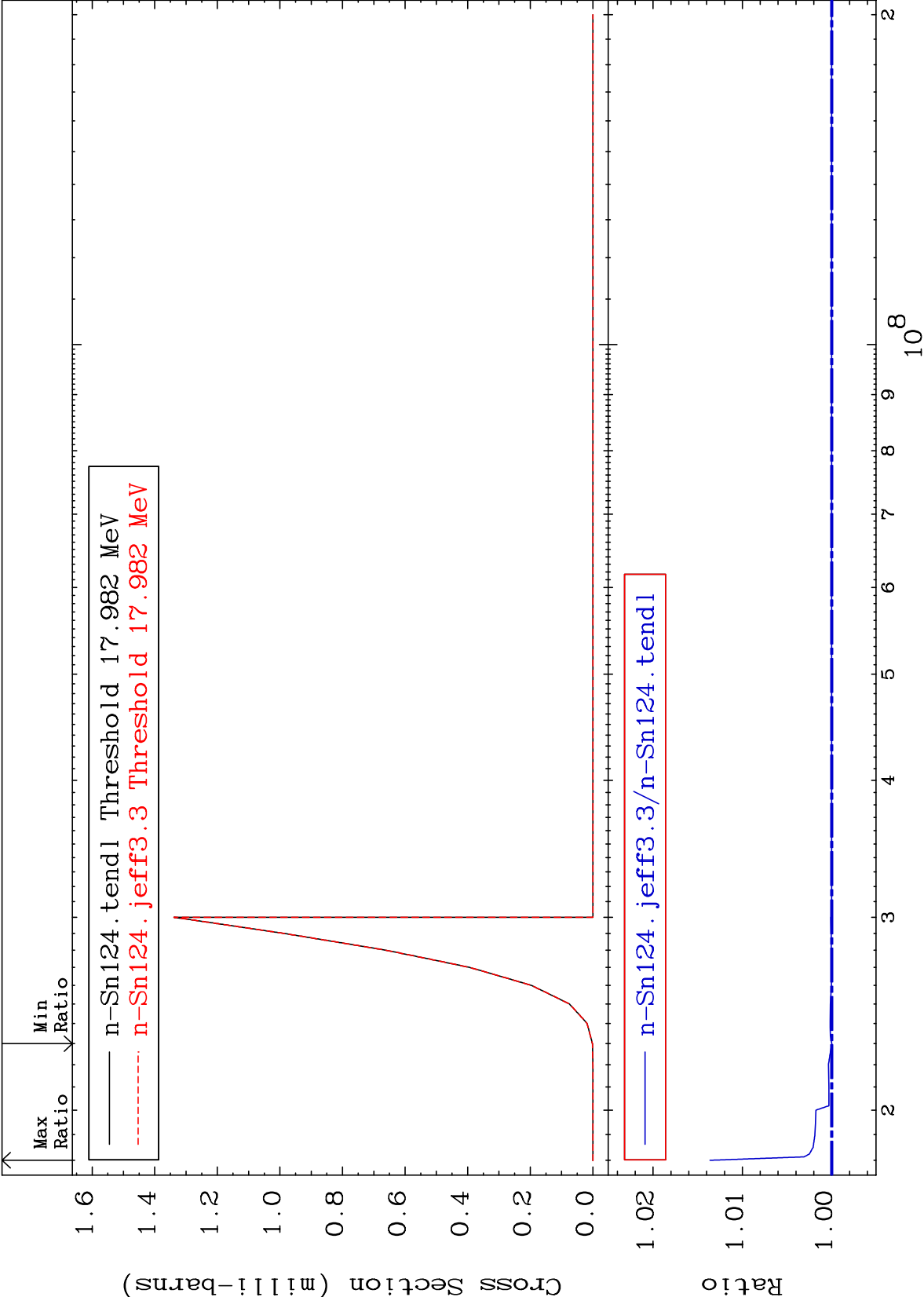


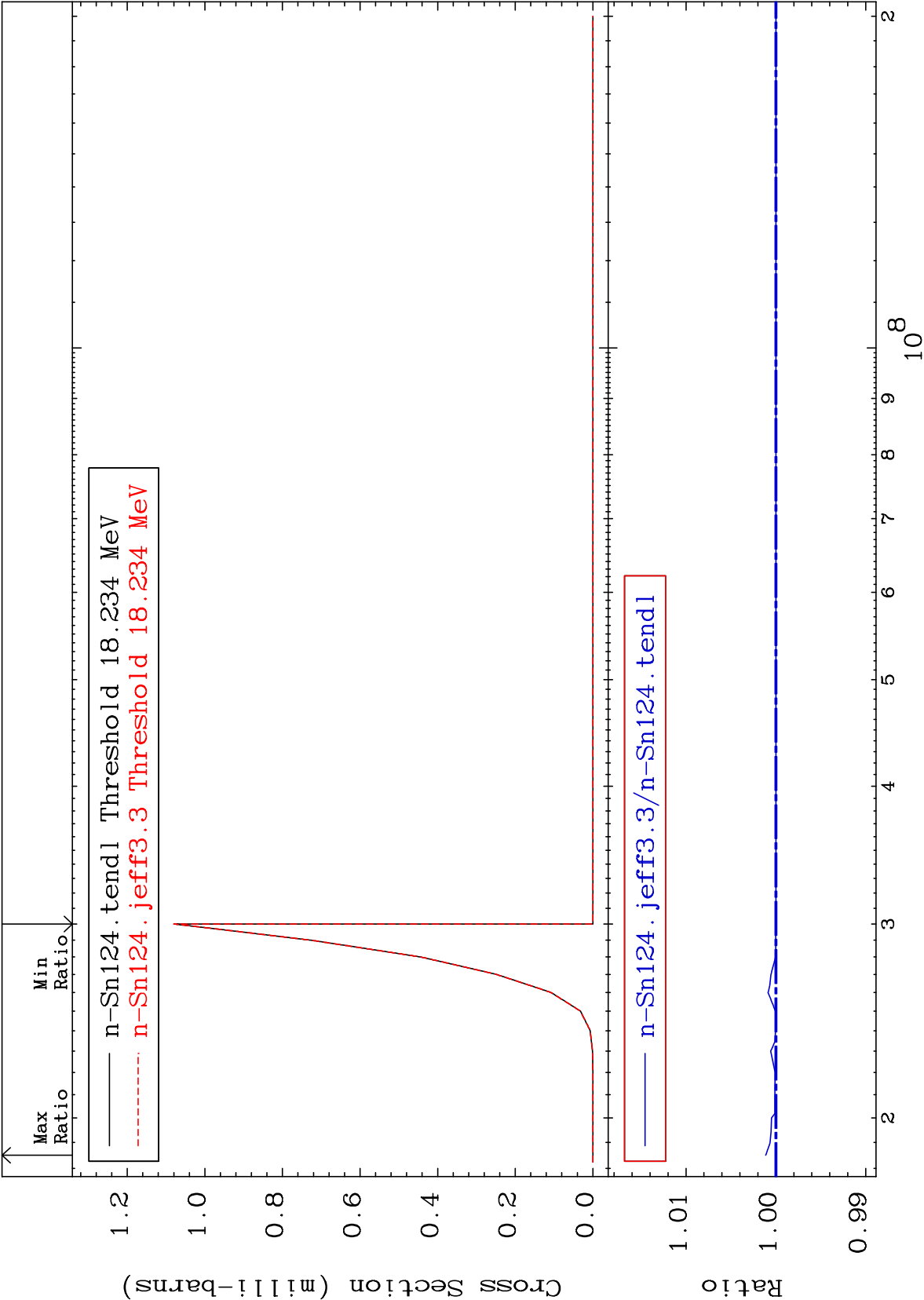
Radionuclide Production Cross Section -0.029 To 0.029 %

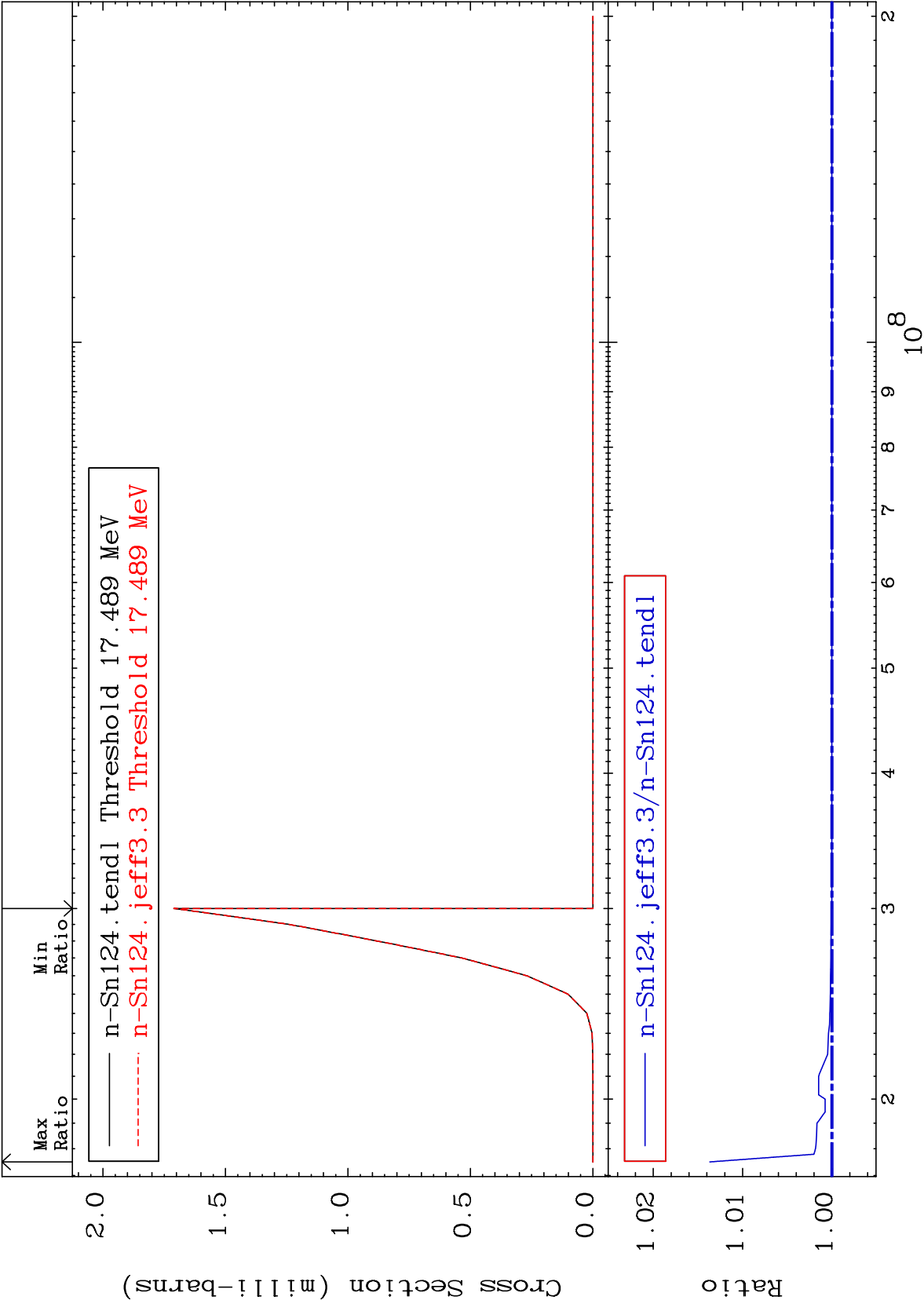


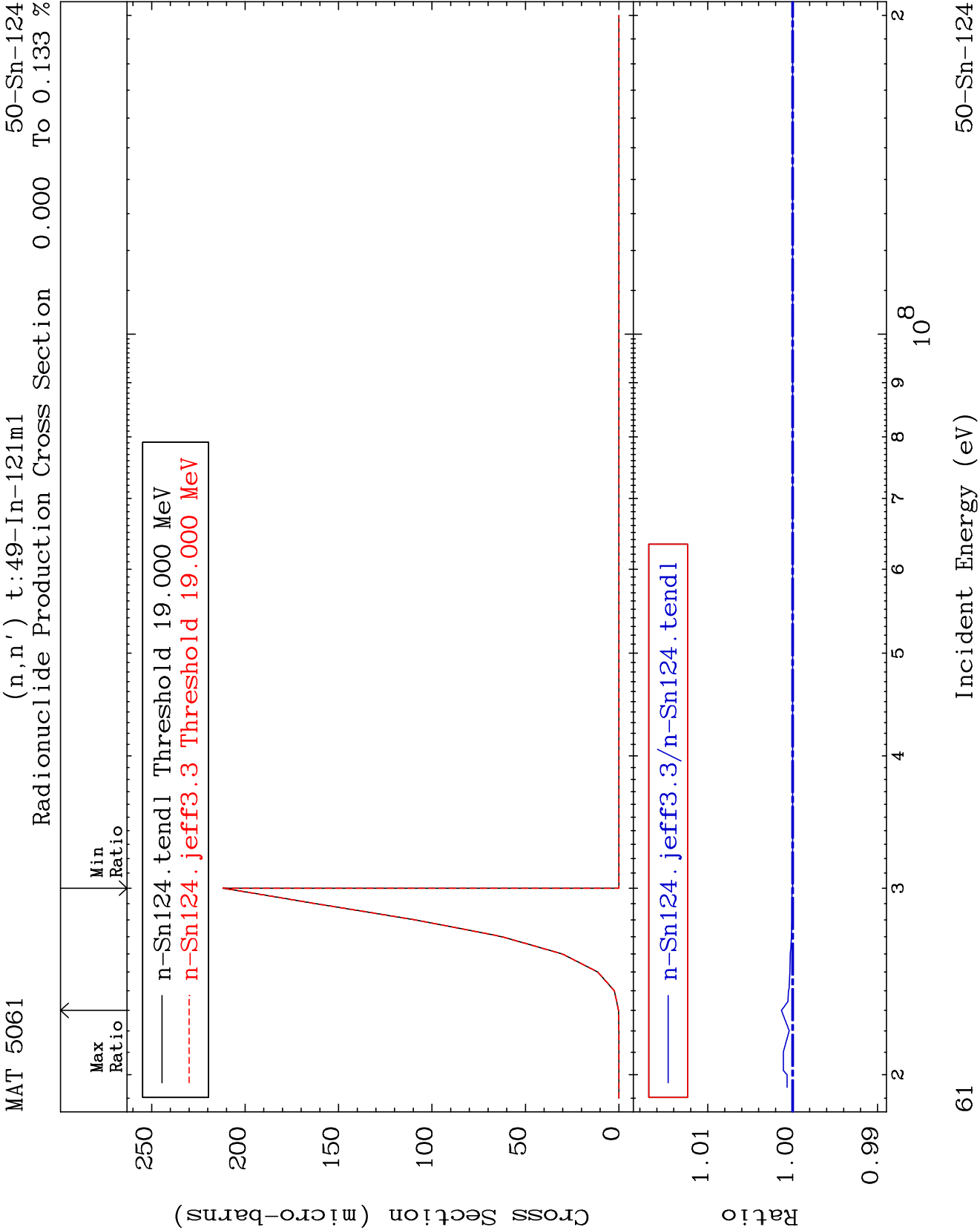






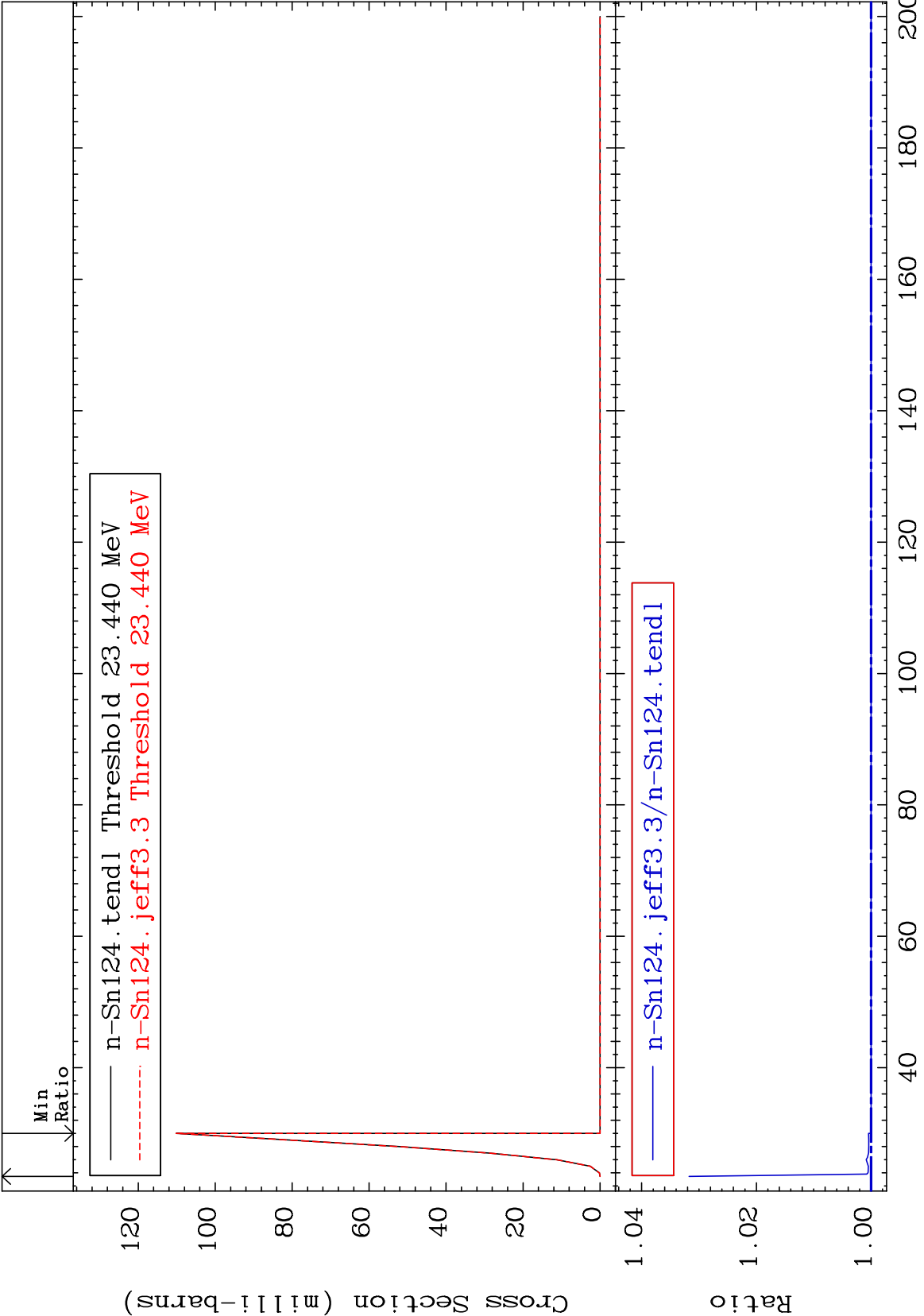






MAT 5061

(n,4n):50-Sn-121g
Radionuclide Production Cross Section 0.000 50-Sn-124
To 3.173 %



MAT 5061

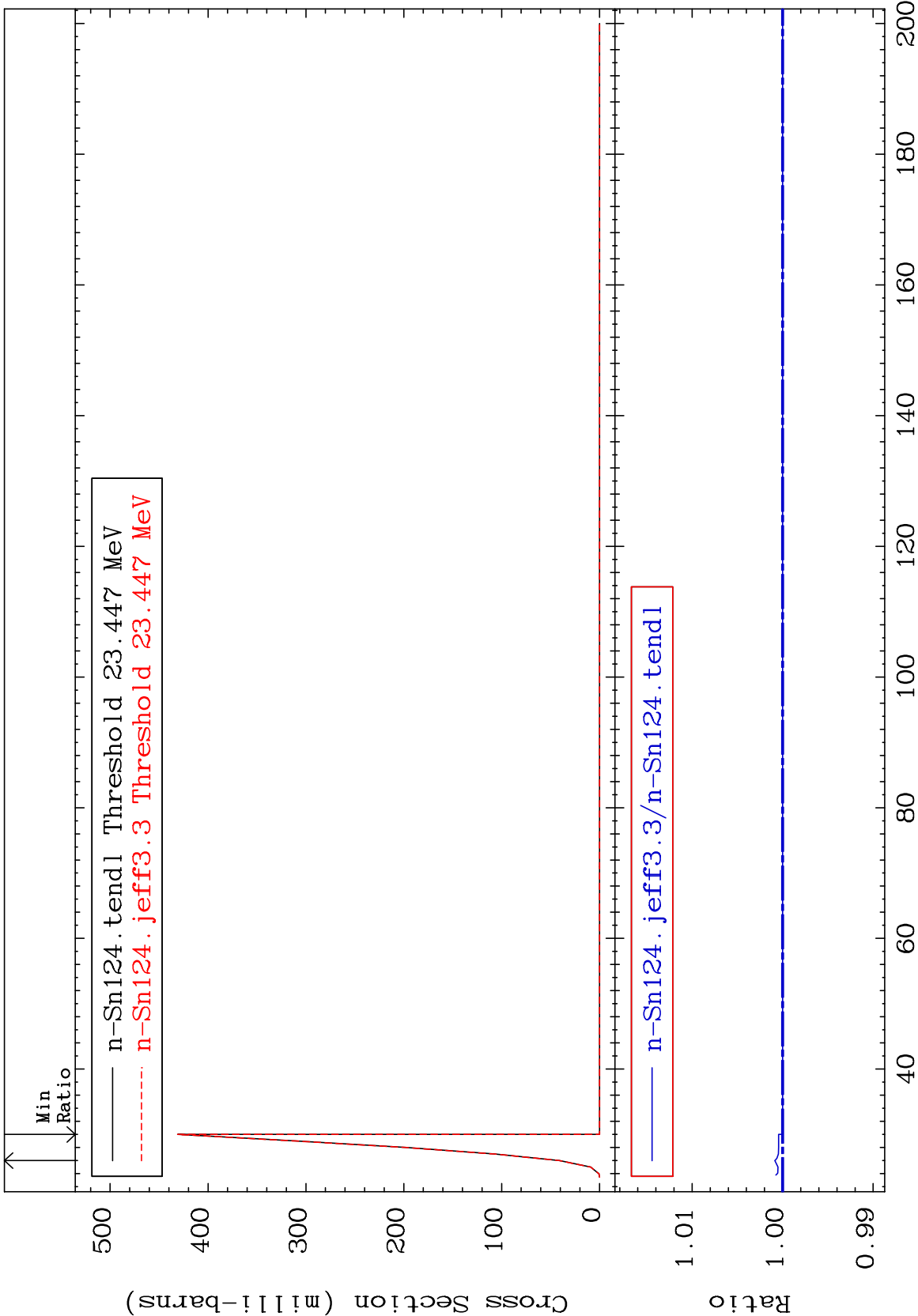
(n,4n):50-Sn-121m1

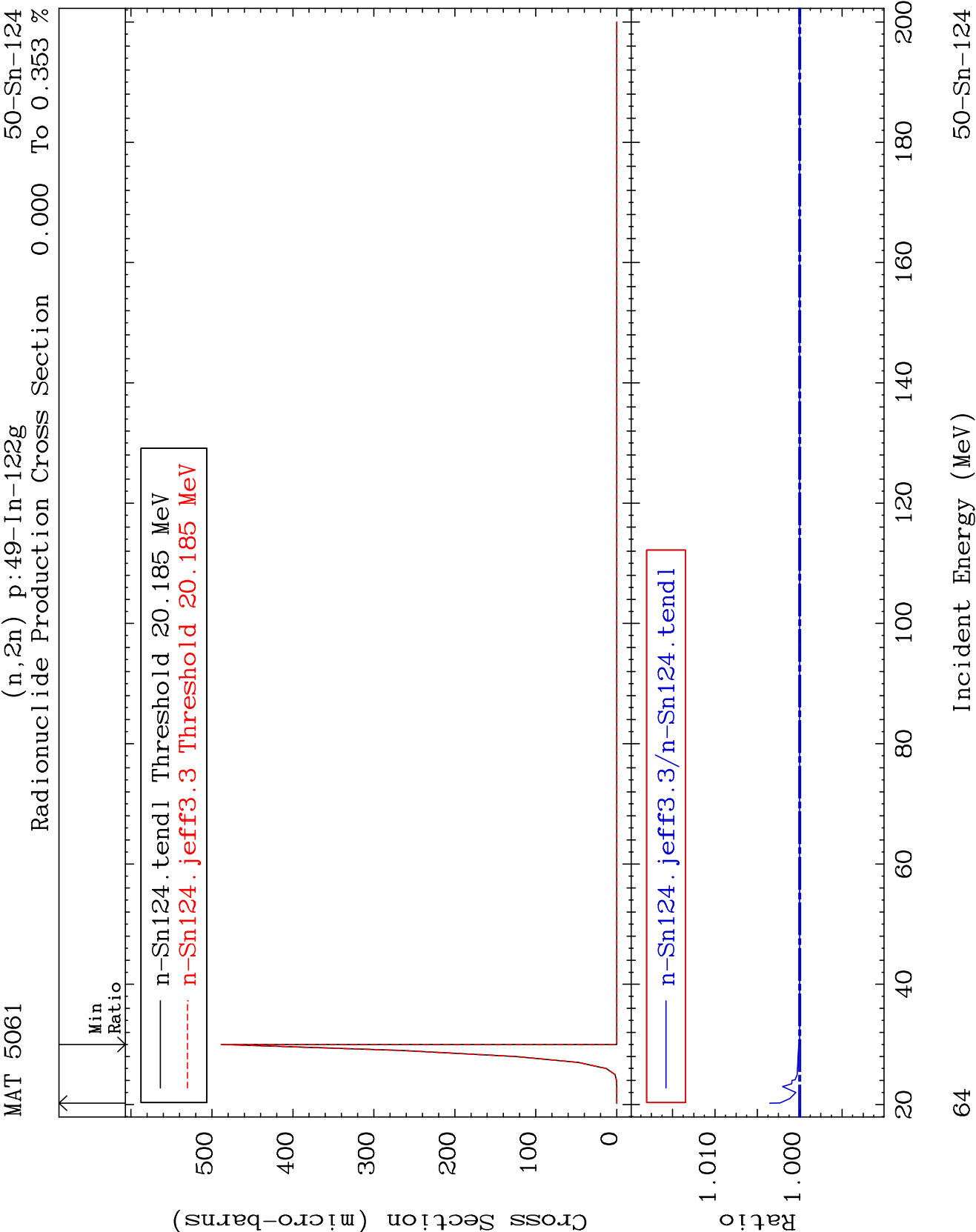
50-Sn-124

Radionuclide Production Cross Section

0.000

To 0.086 %





MAT 5061

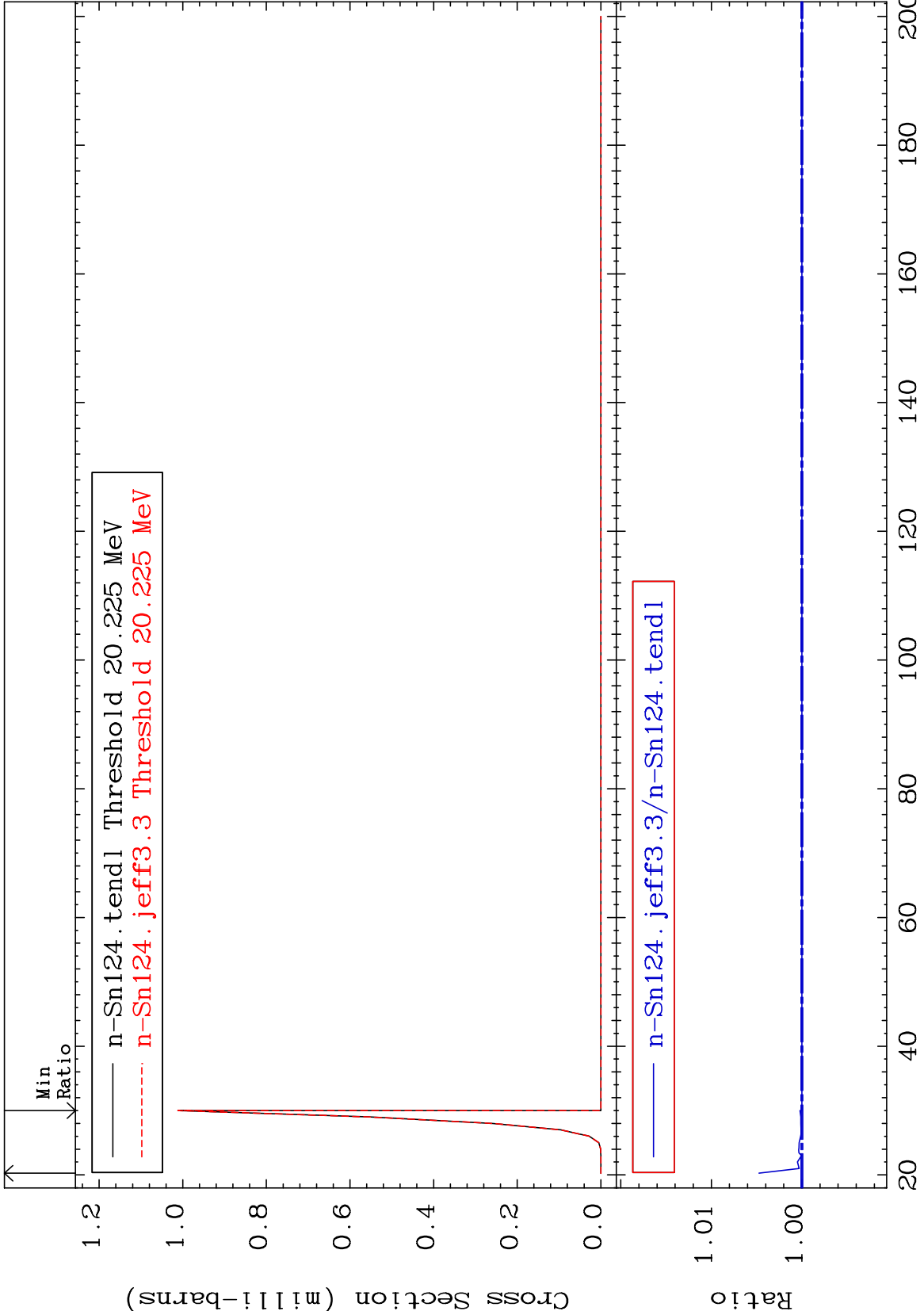
(n,2n) p:49-In-122m1

50-Sn-124

Radionuclide Production Cross Section

0.000

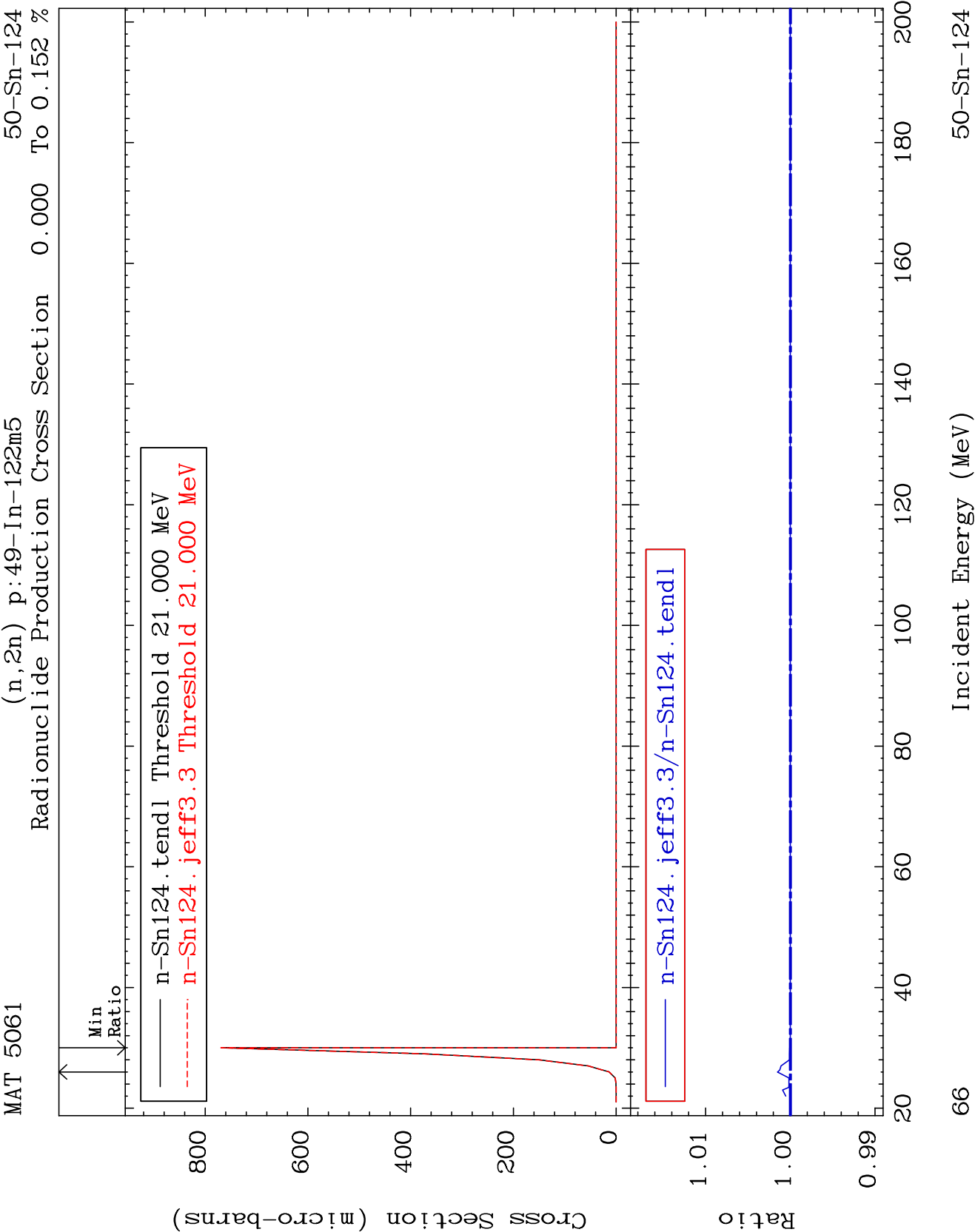
To 0.474 %

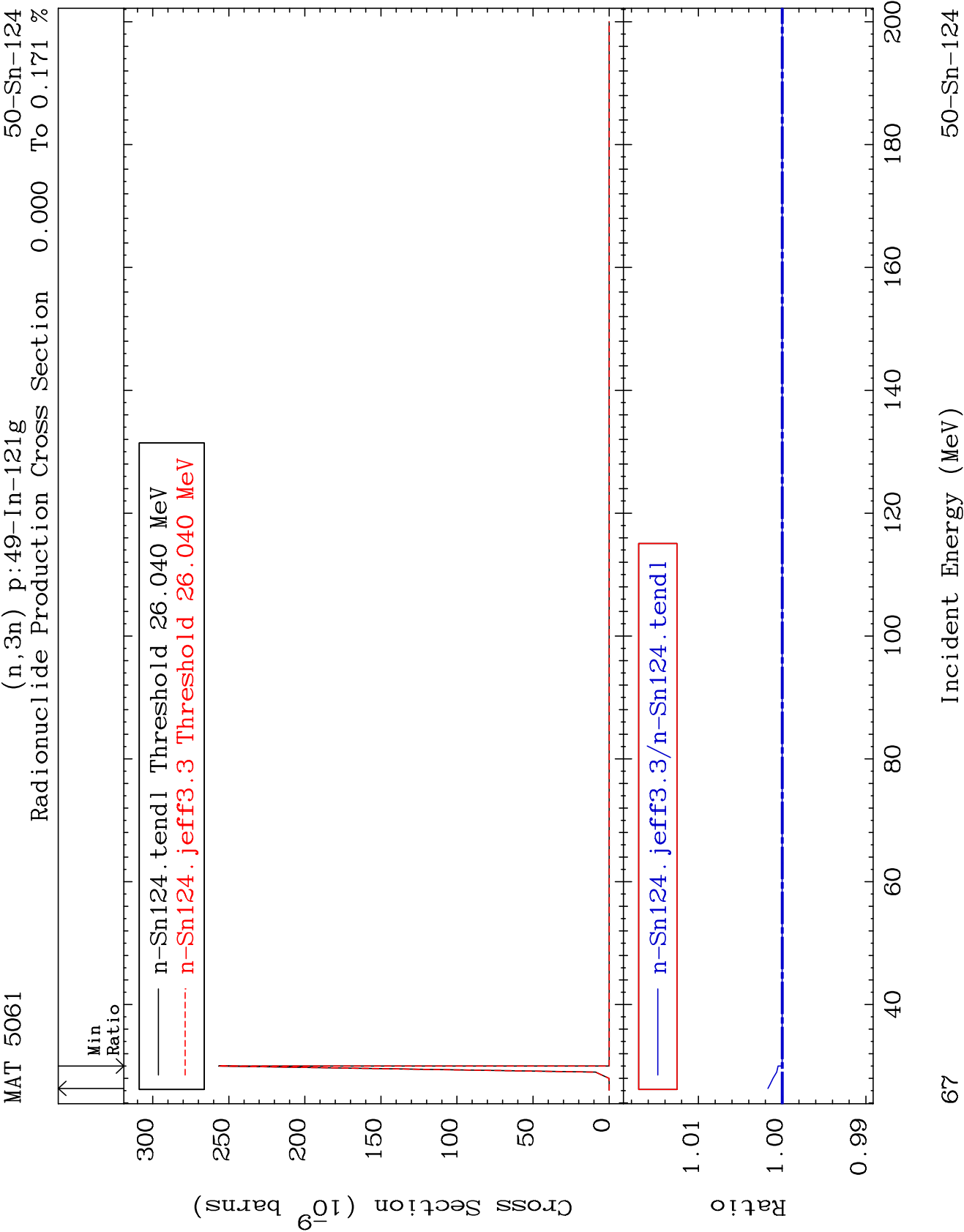


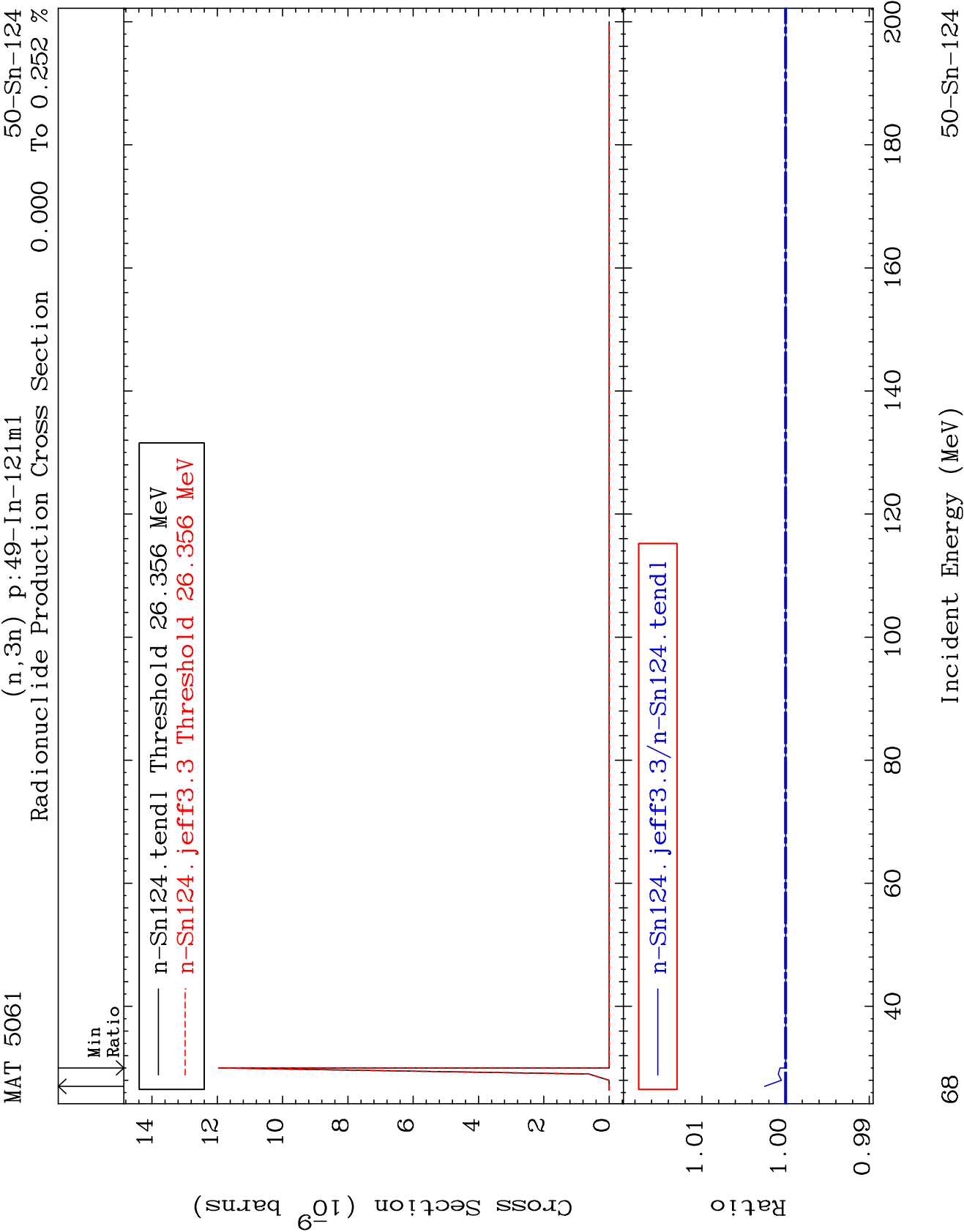
65

Incident Energy (MeV)

50-Sn-124





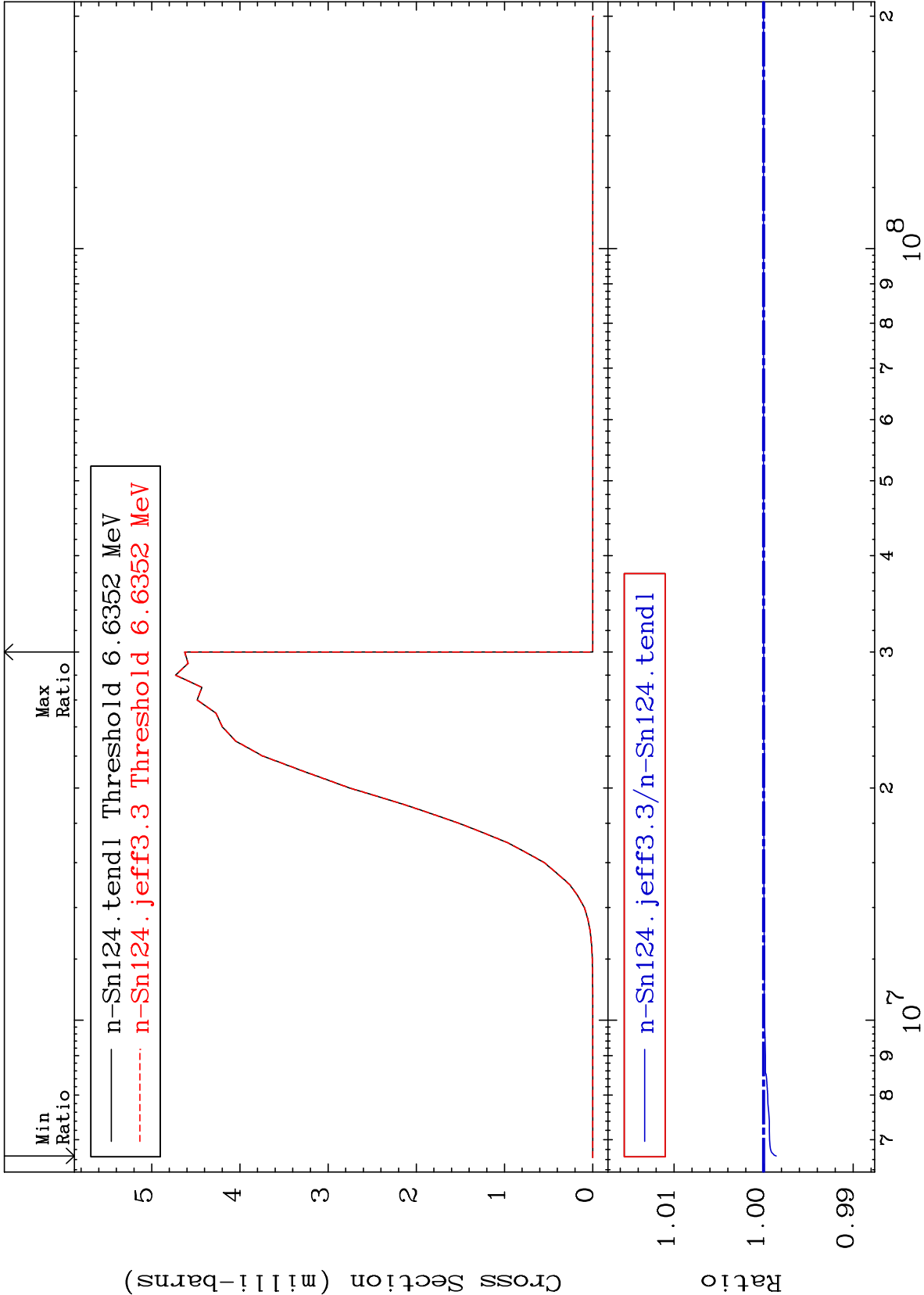


MAT 5061

(n,p):49-In-124g

50-Sn-124

Radionuclide Production Cross Section -0.140 To 0.000 %



69

Incident Energy (eV)

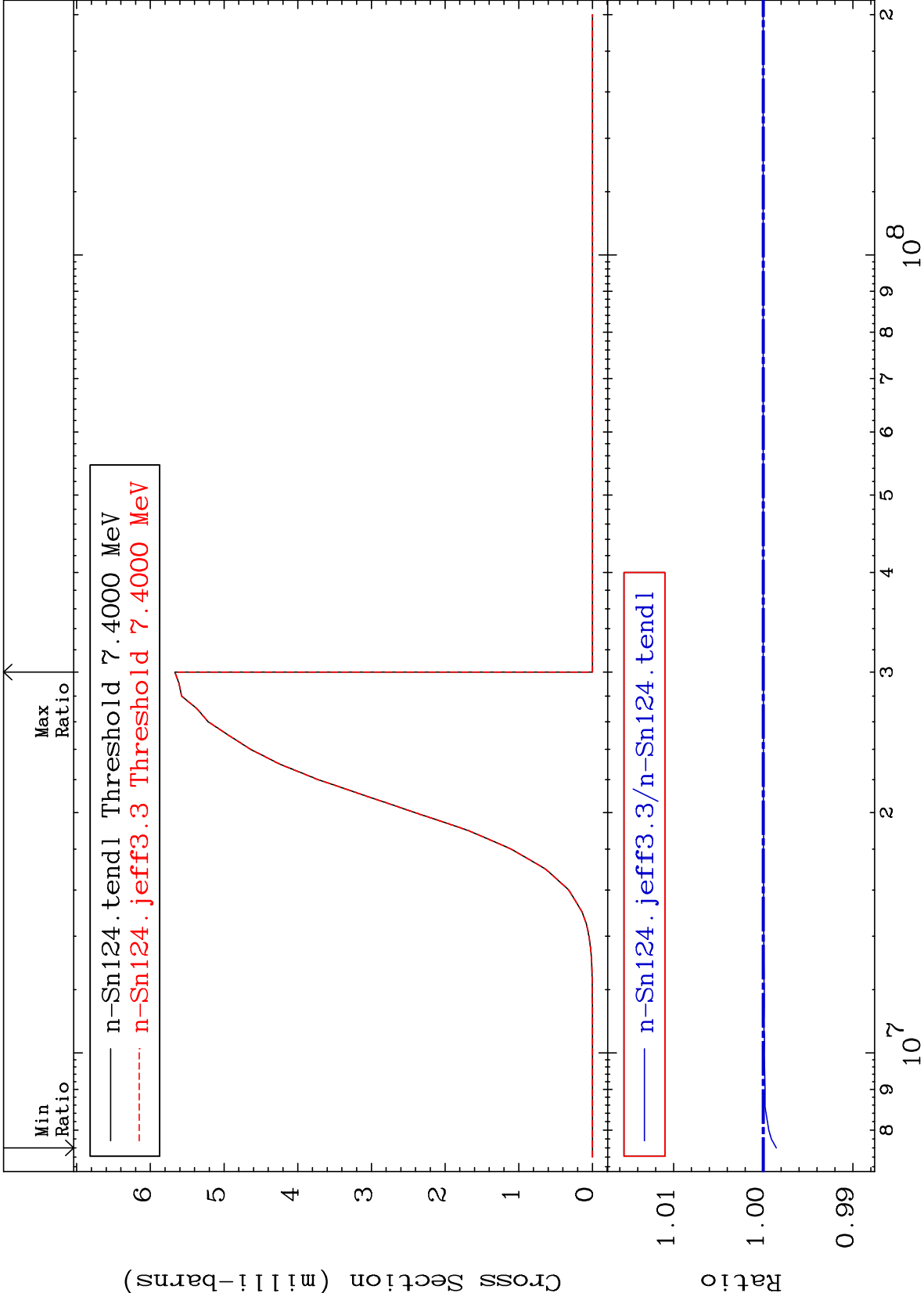
50-Sn-124

MAT 5061

(n, p): 49-In-124m2

50-Sn-124

Radionuclide Production Cross Section -0.146 To 0.000 %

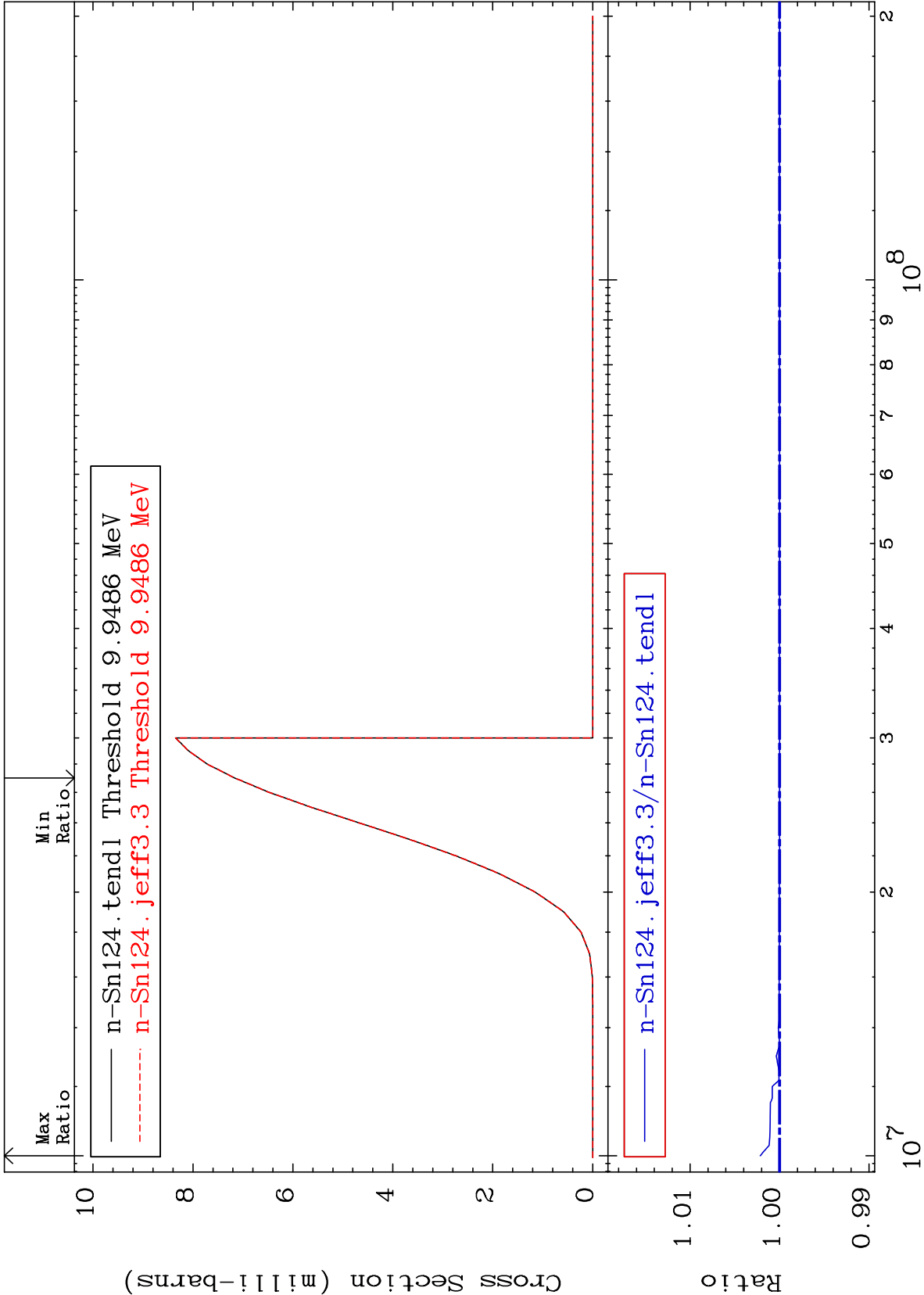


MAT 5061

(n,d):49-In-123g

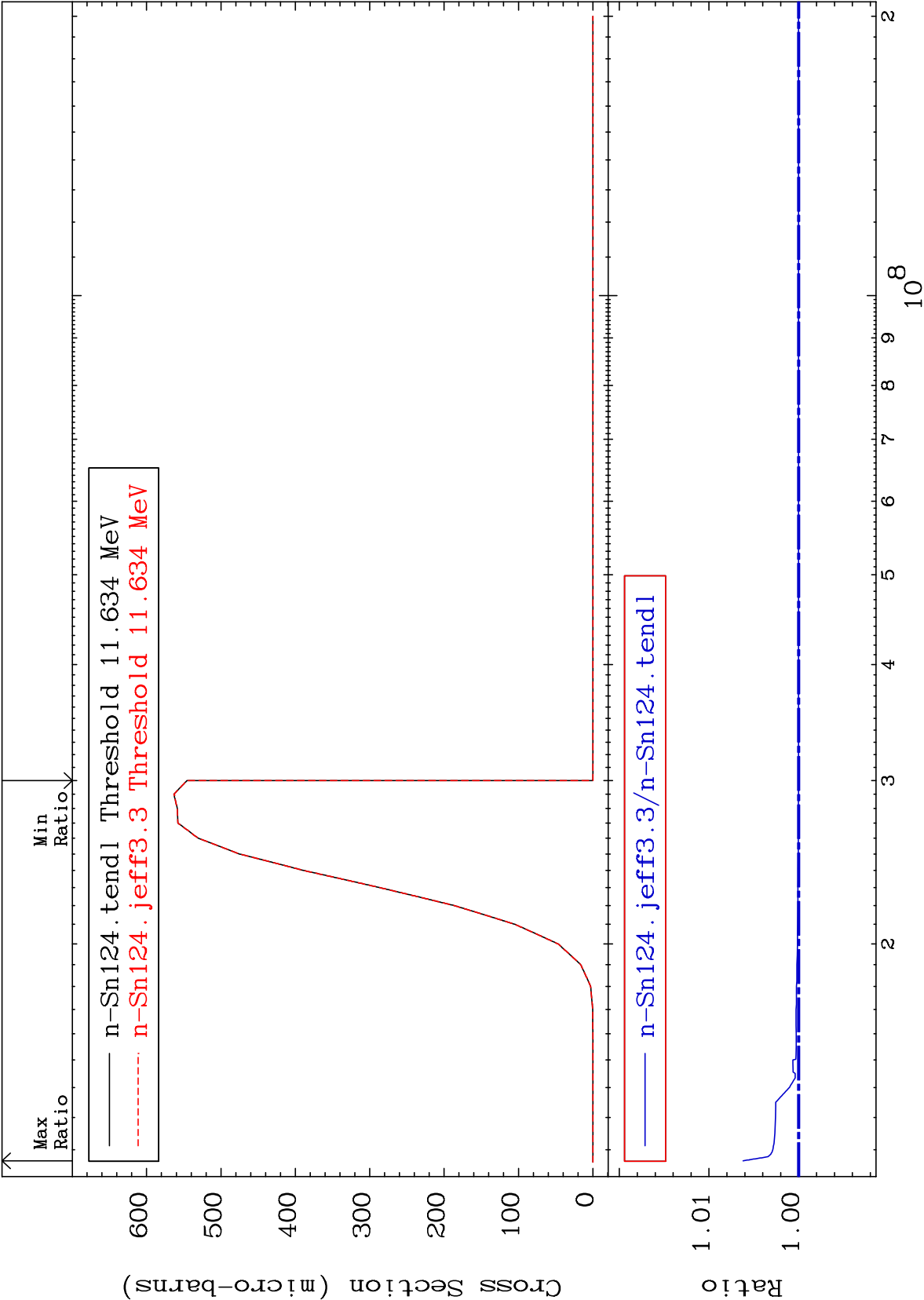
50-Sn-124

Radionuclide Production Cross Section -0.002 To 0.217 %

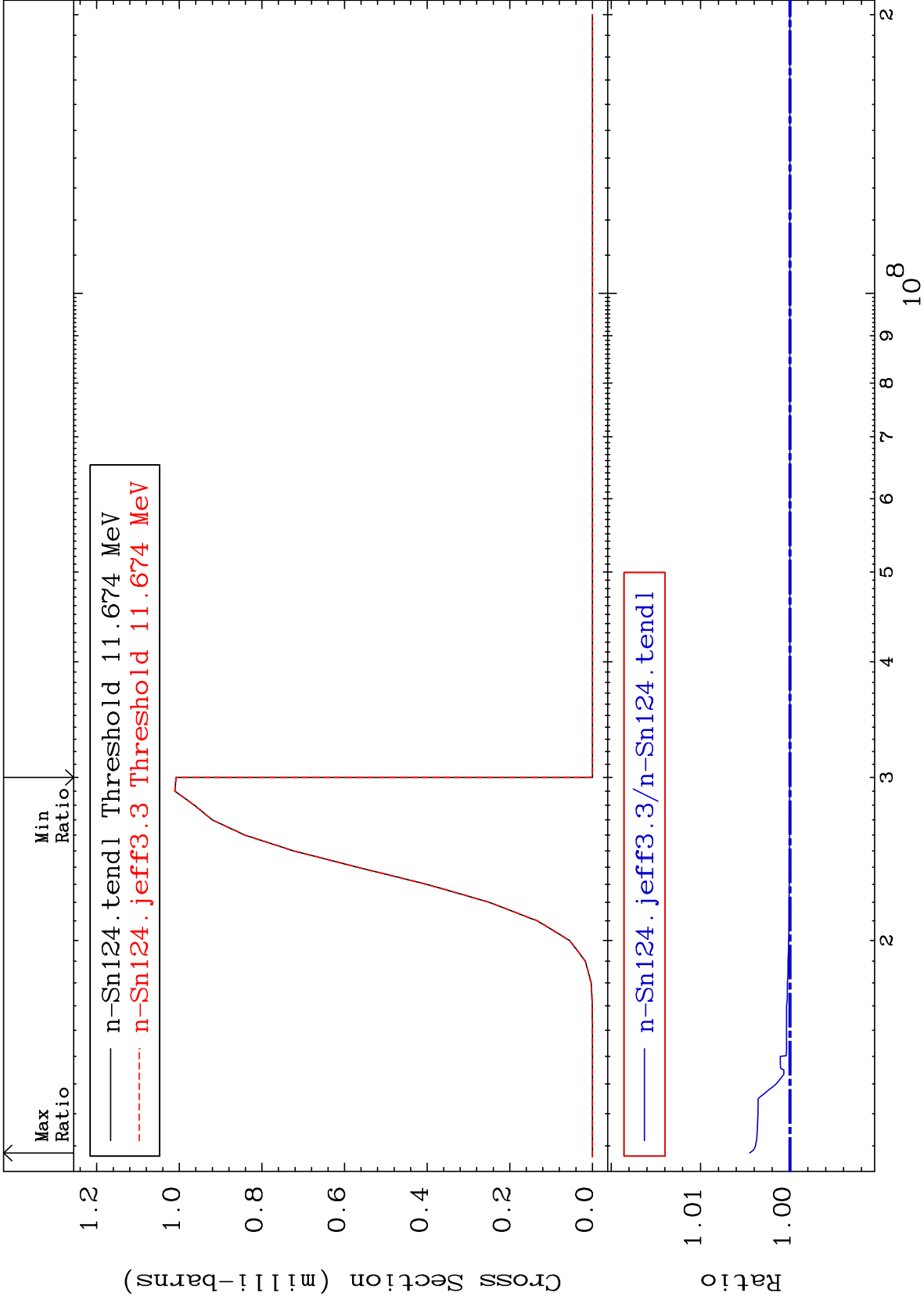


Incident Energy (eV)

50-Sn-124



Radionuclide Production Cross Section 0.000 To 0.452 %



MAT 5061

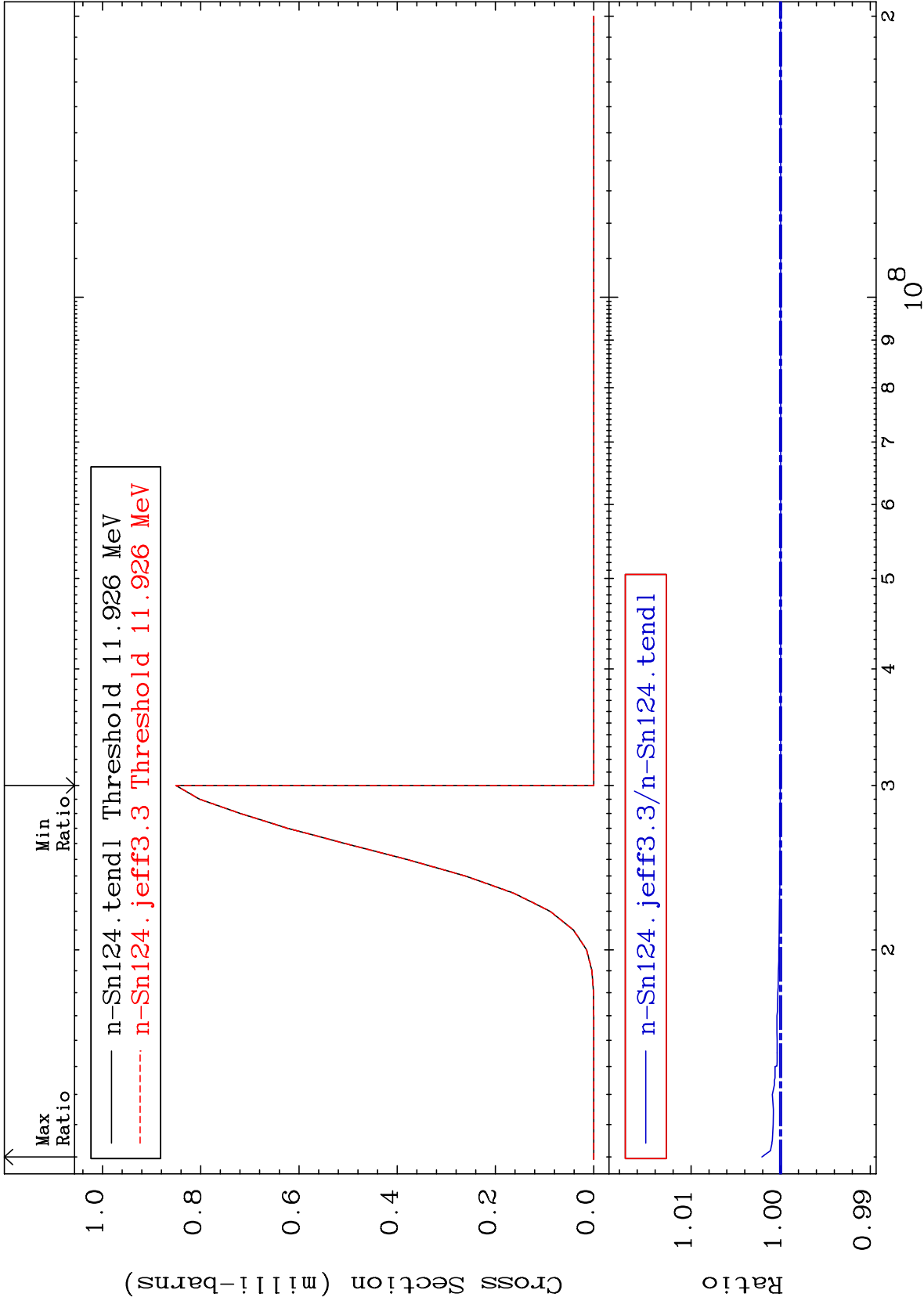
(n,t):49-In-122m5

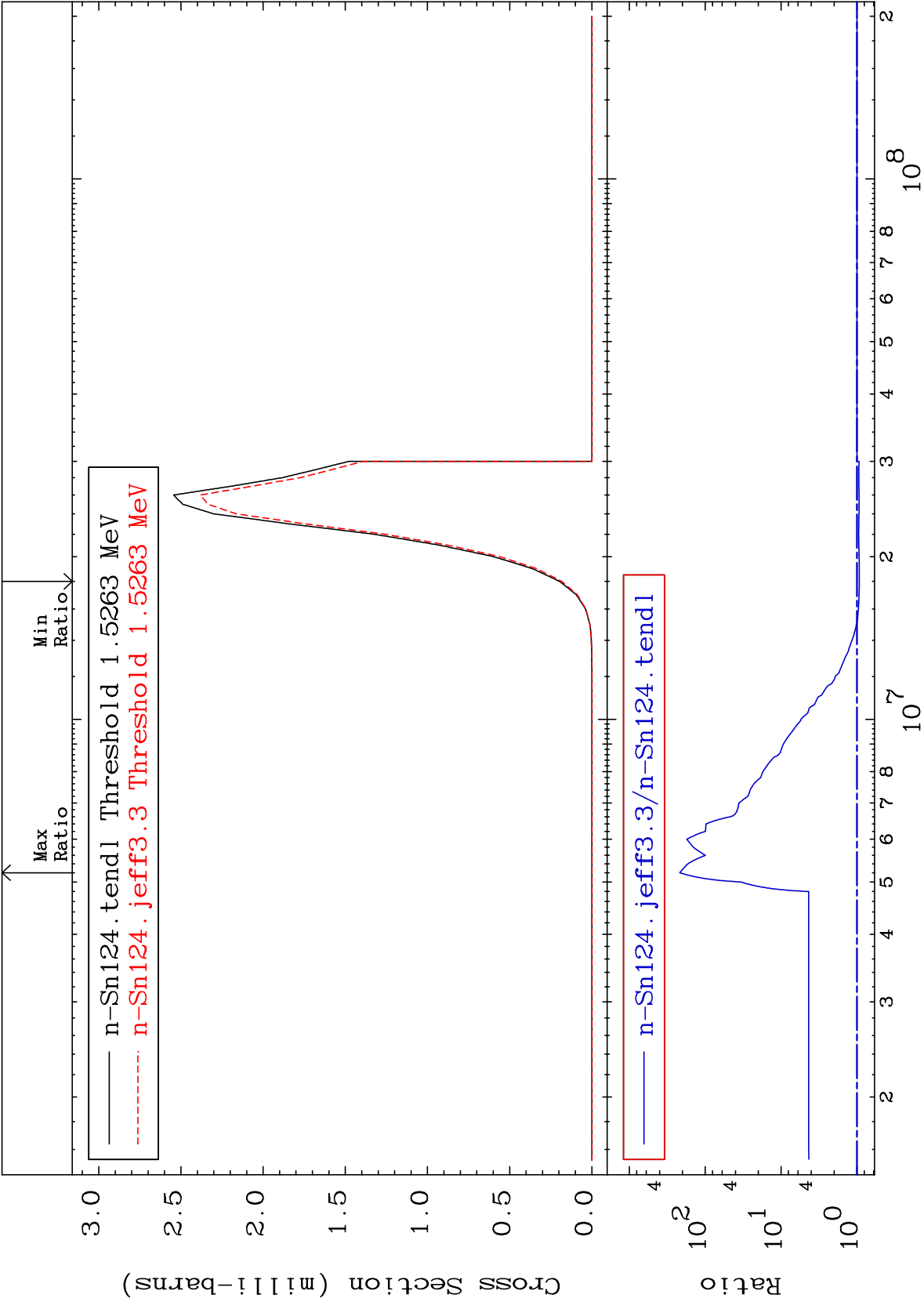
50-Sn-124

Radionuclide Production Cross Section

0.000

To 0.210 %



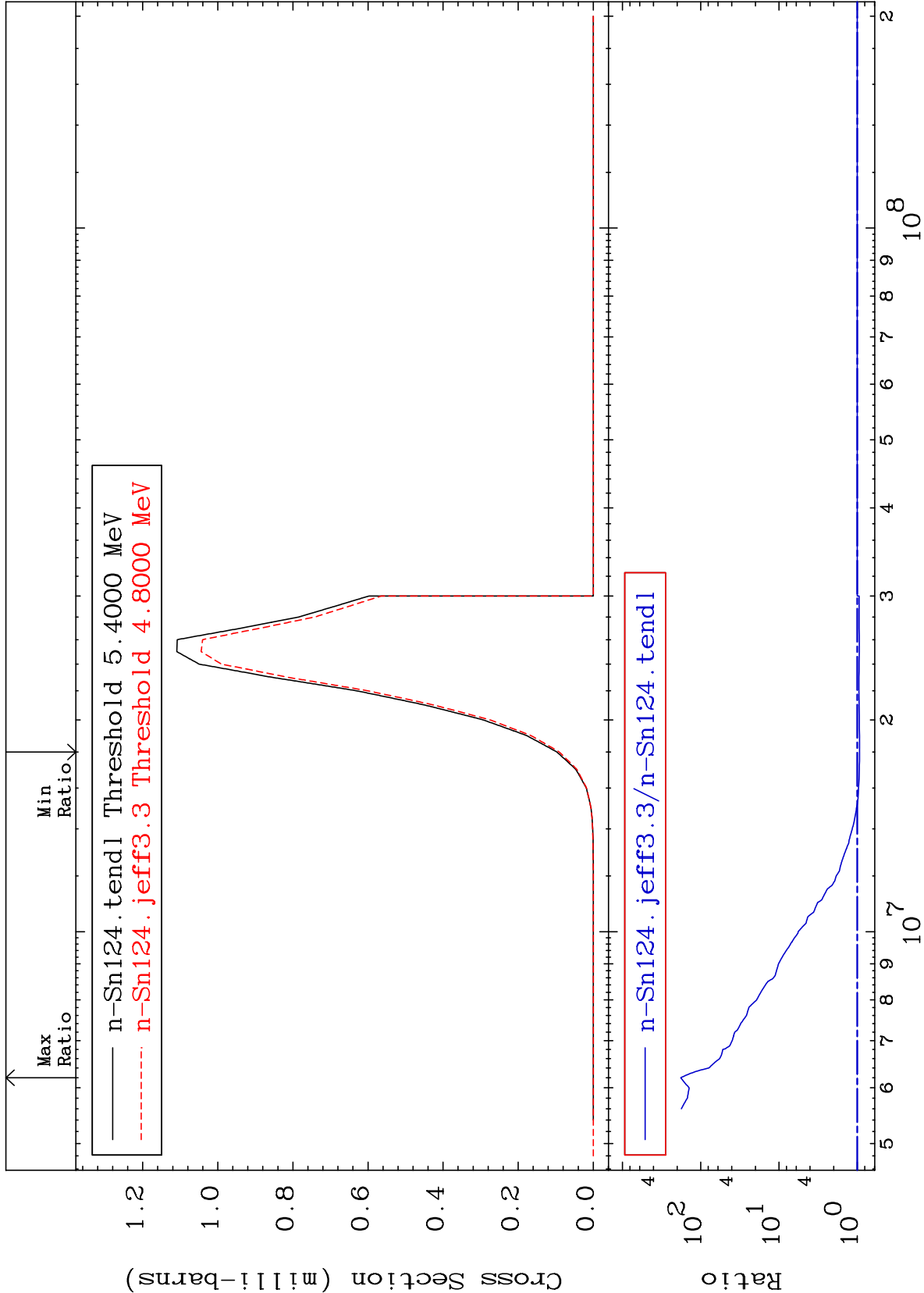


MAT 5061

(n, α): 48-Cd-121m2

50-Sn-124

Radionuclide Production Cross Section -6.676 To 9999. %



76

Incident Energy (eV)

50-Sn-124

