

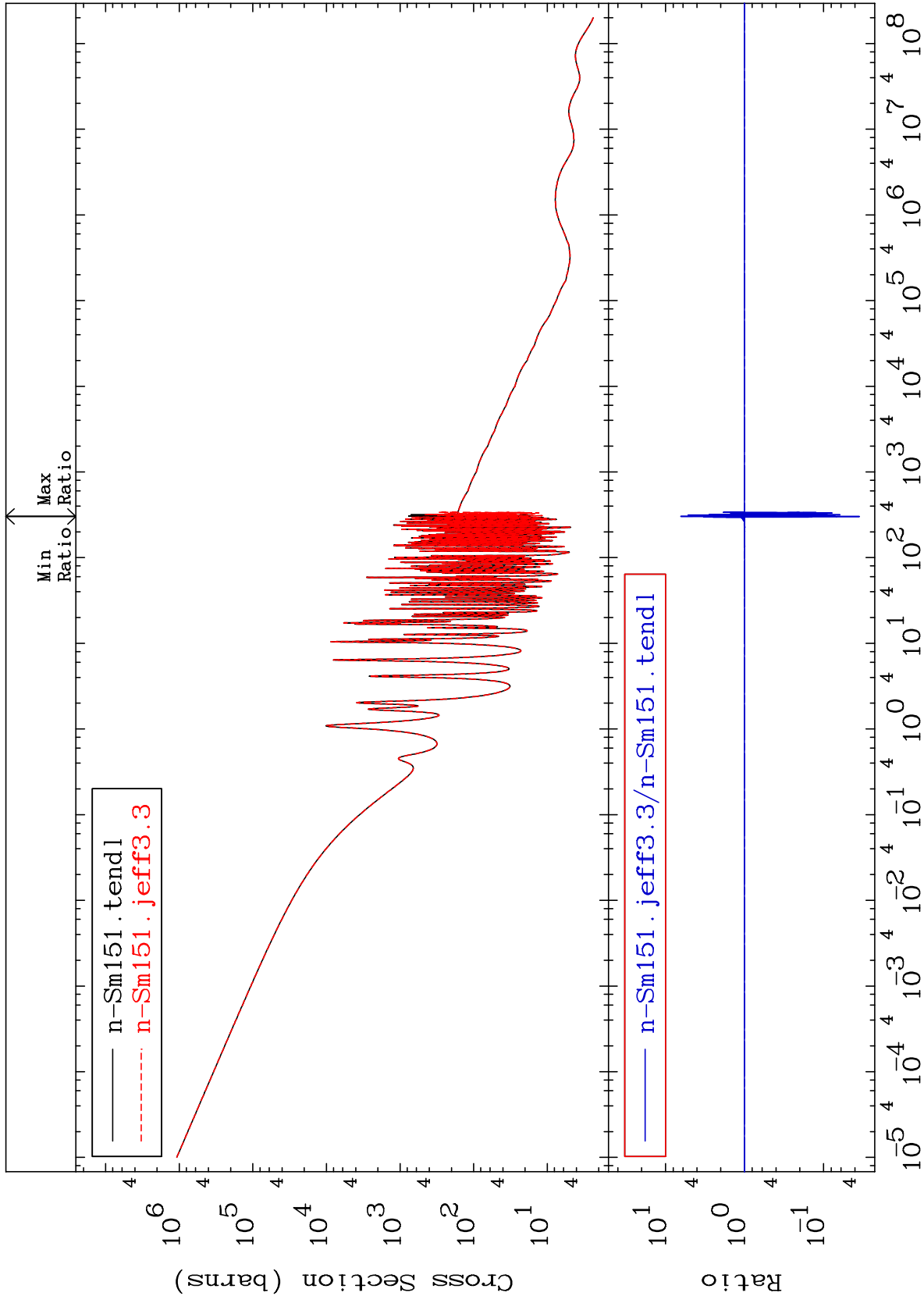
MAT 6246

Total

62-Sm-151

Cross Section

-96.50 To 540.5 %

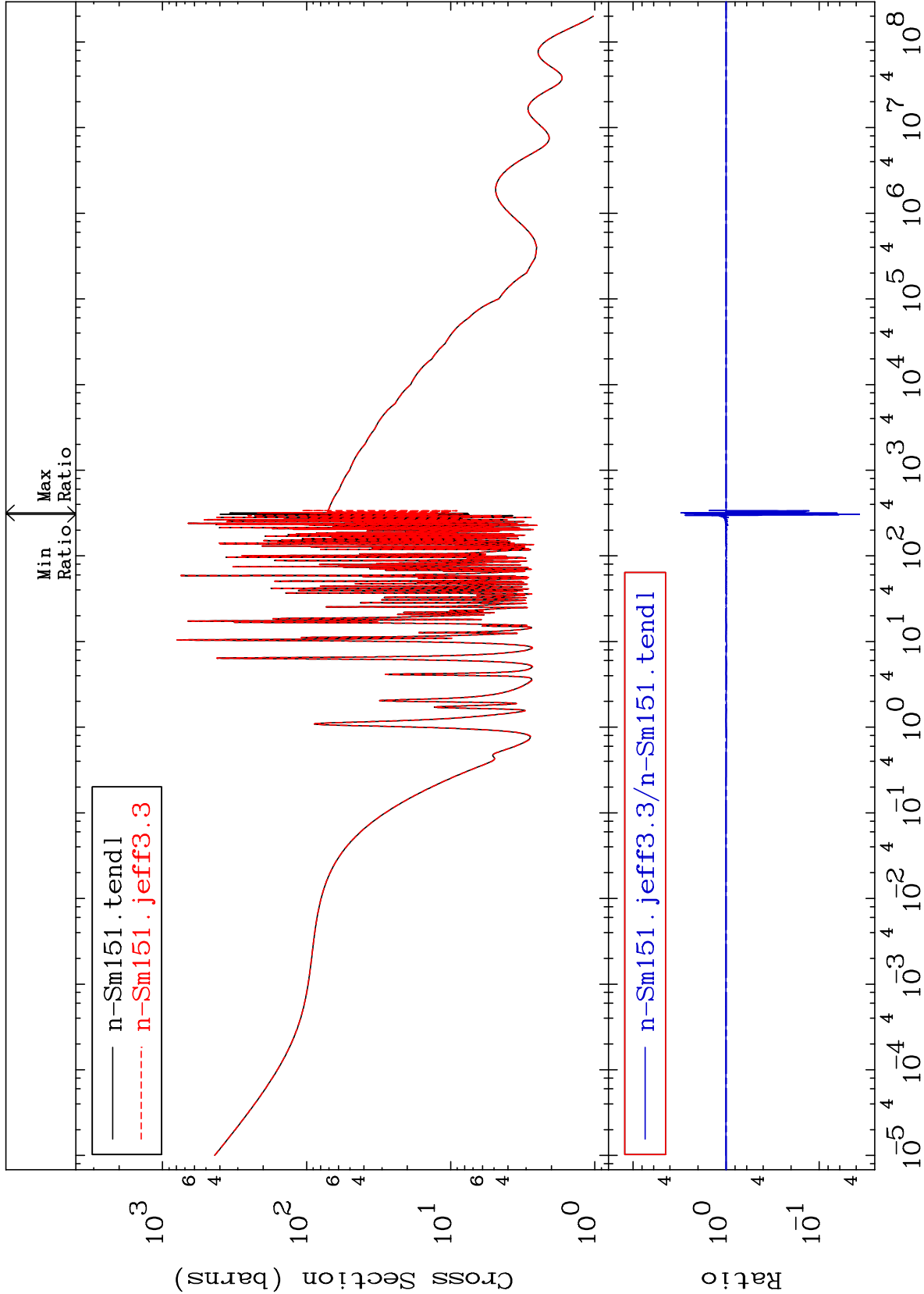


MAT 6246

62-Sm-151

Elastic
Cross Section

-96.32 To 206.4 %



Incident Energy (eV)

62-Sm-151

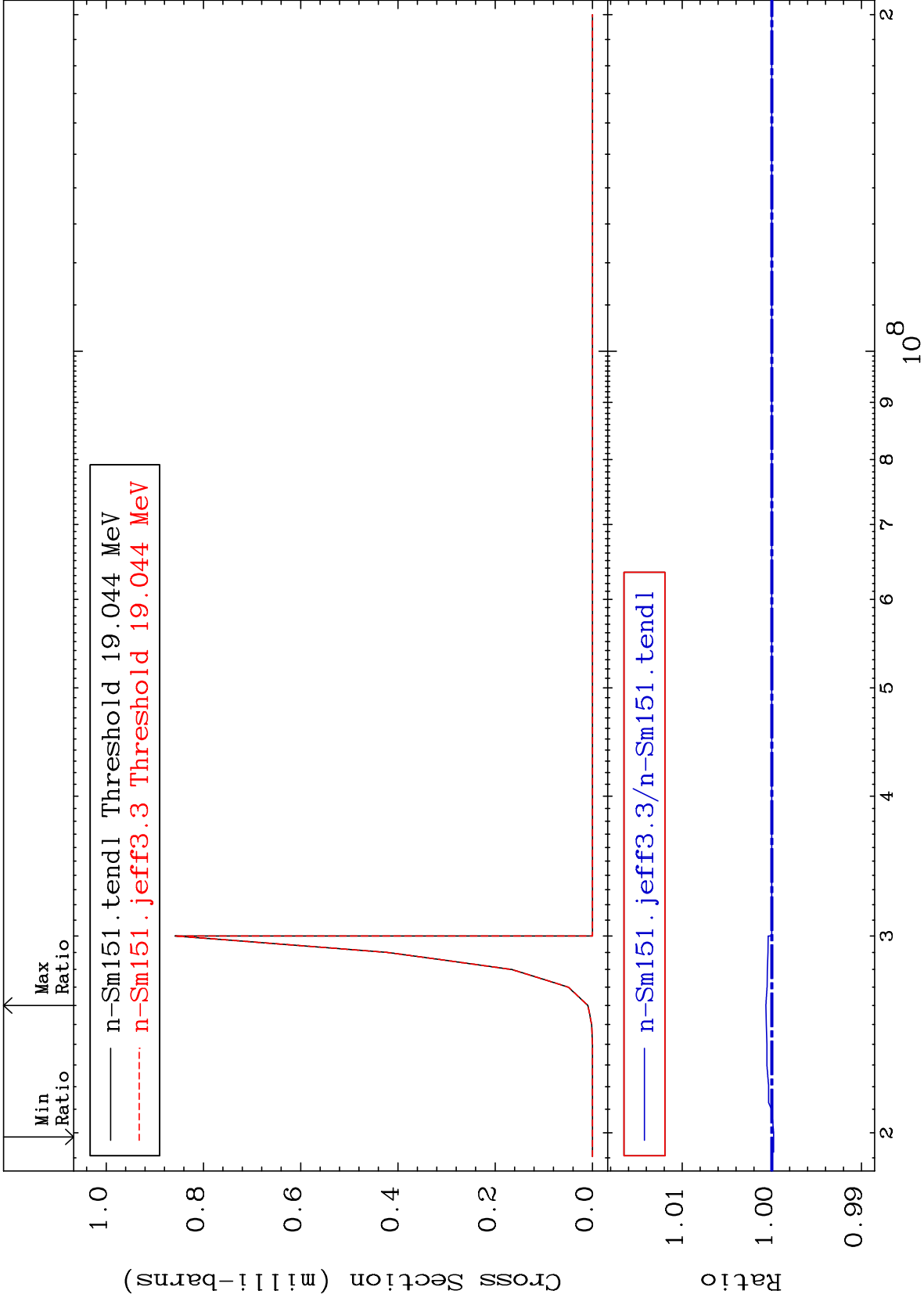
MAT 6246

(n,2n) d

62-Sm-151

Cross Section

-0.021 To 0.066 %



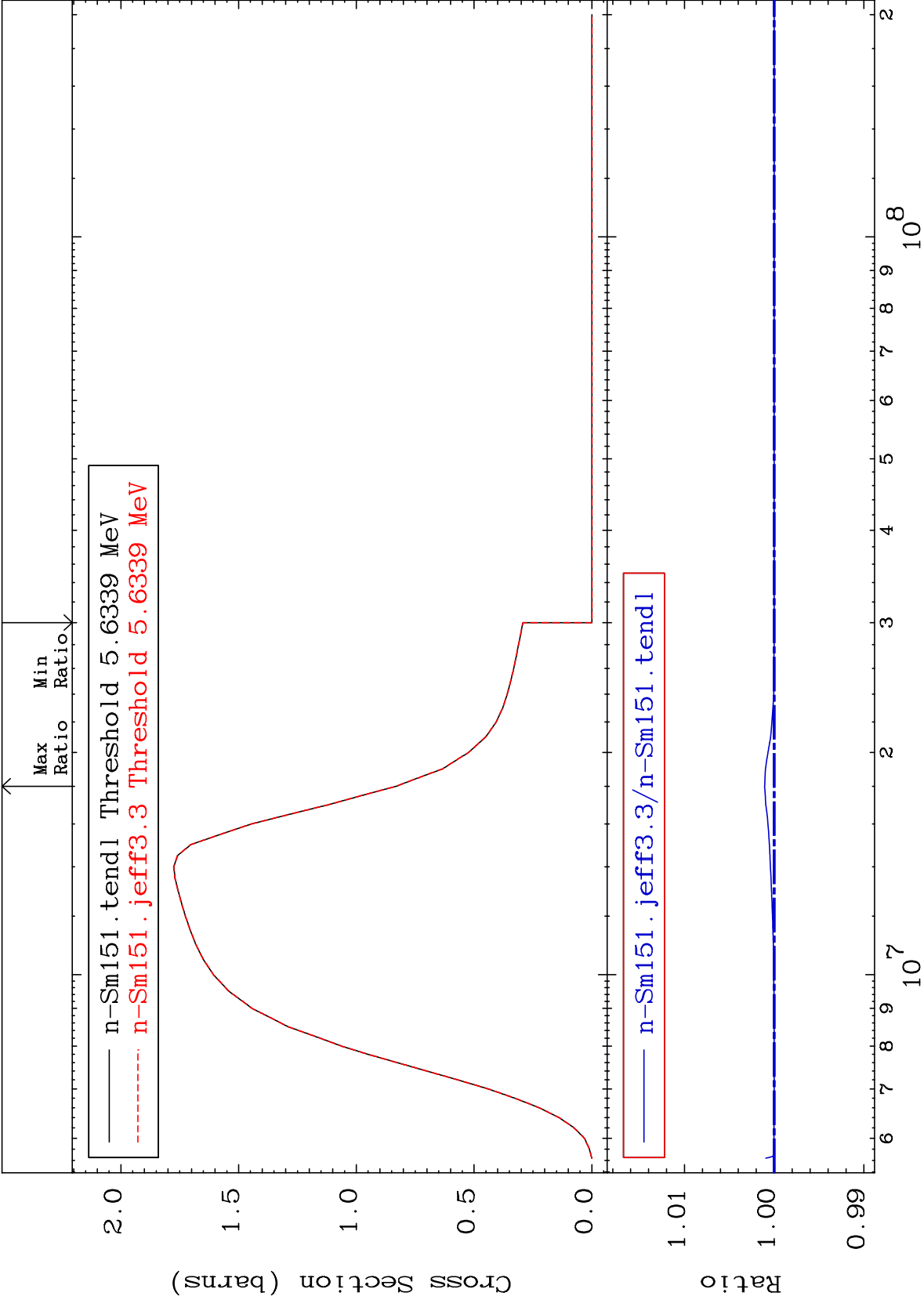
MAT 6246

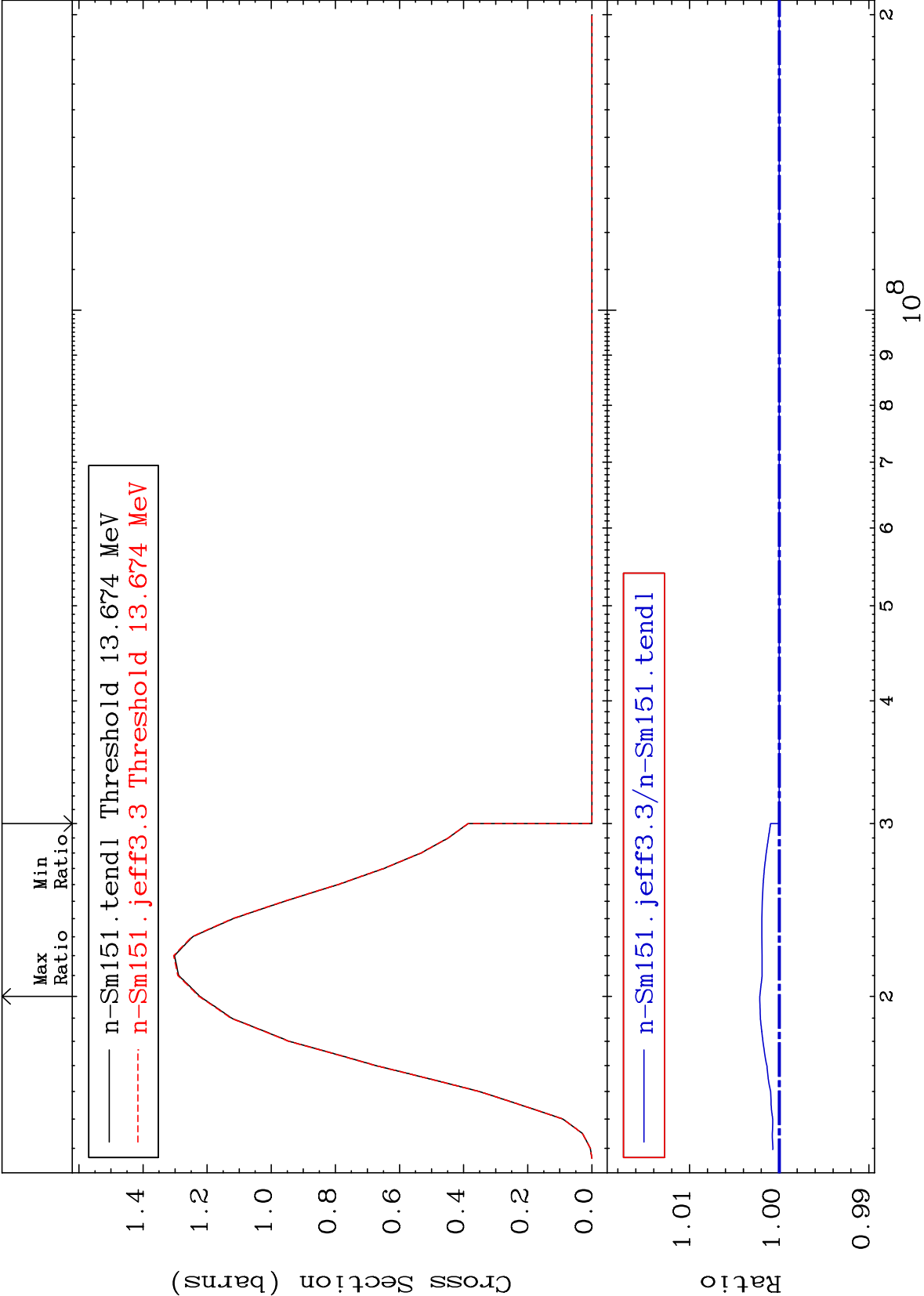
(n,2n)

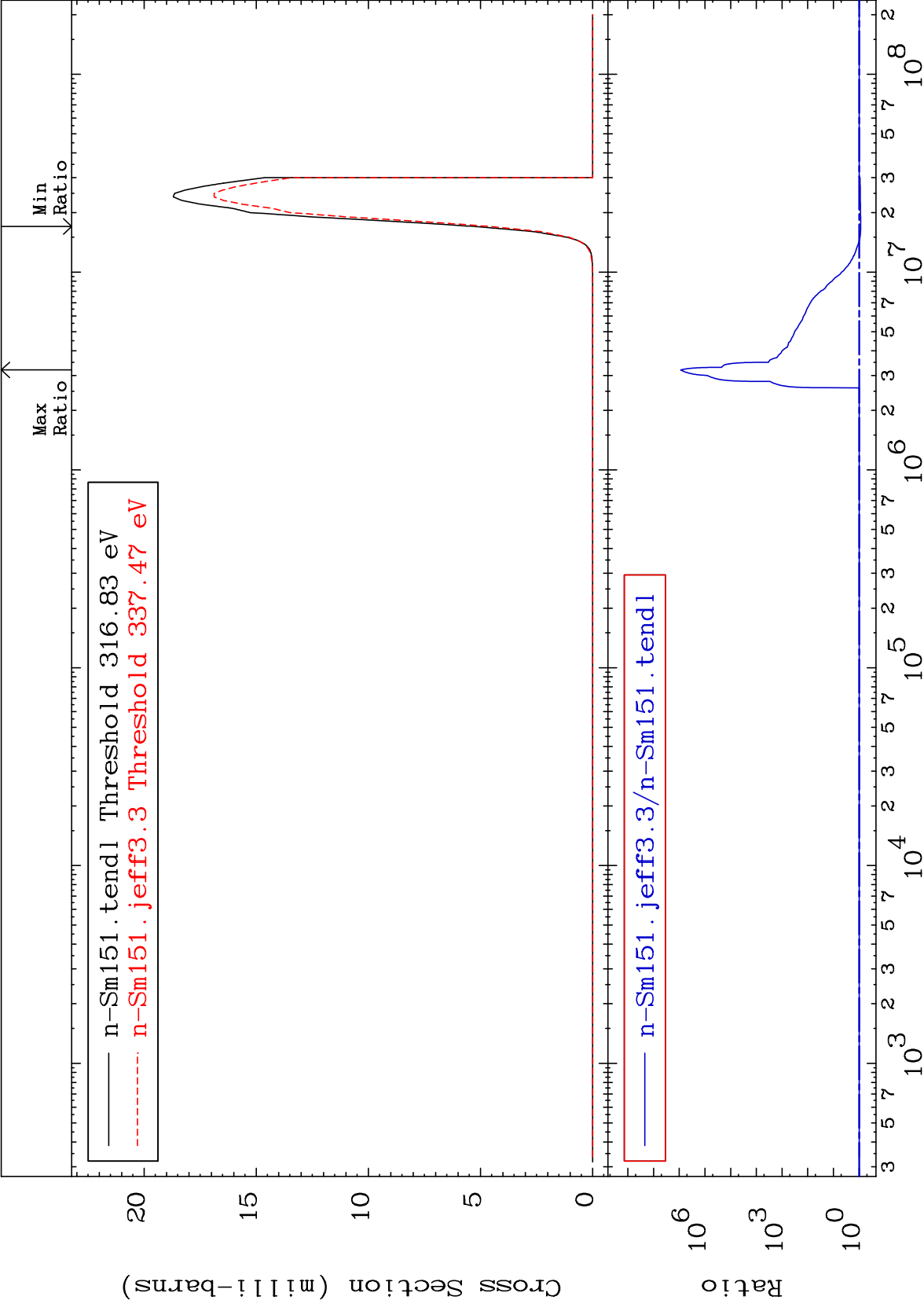
62-Sm-151

Cross Section

-0.002 To 0.107 %







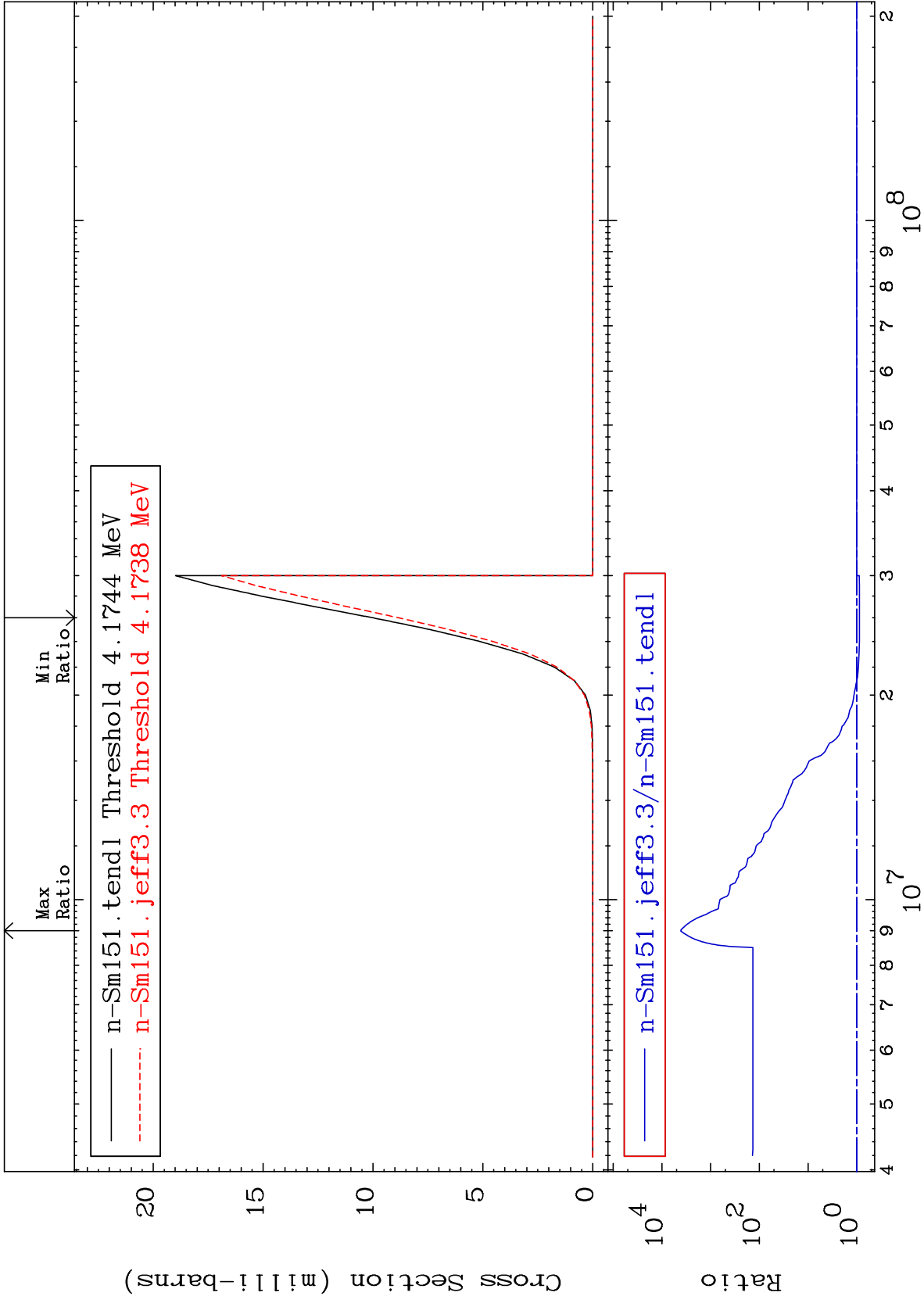
MAT 6246

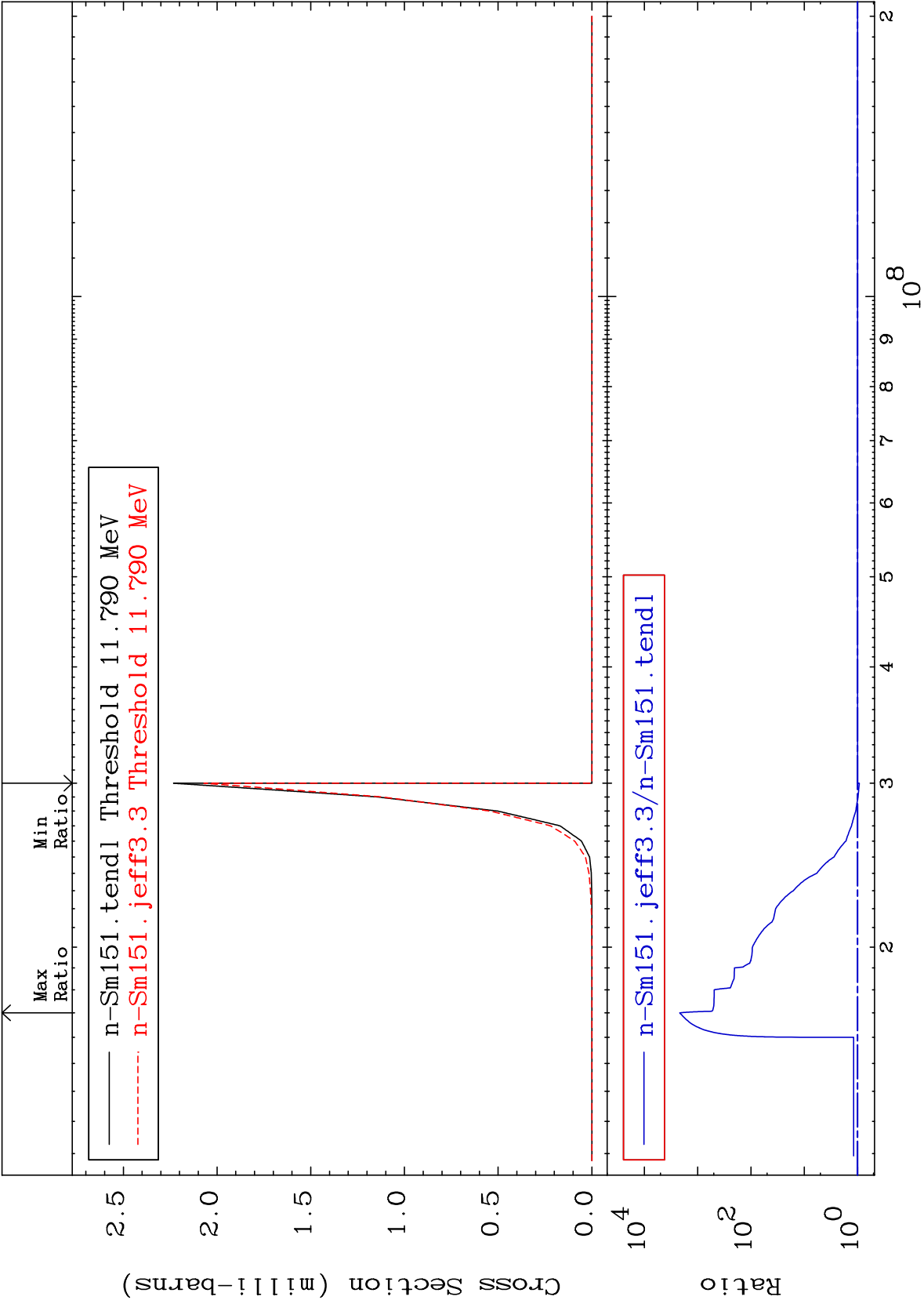
62-Sm-151

(n,2n) α

-11.78 To 9999. %

Cross Section





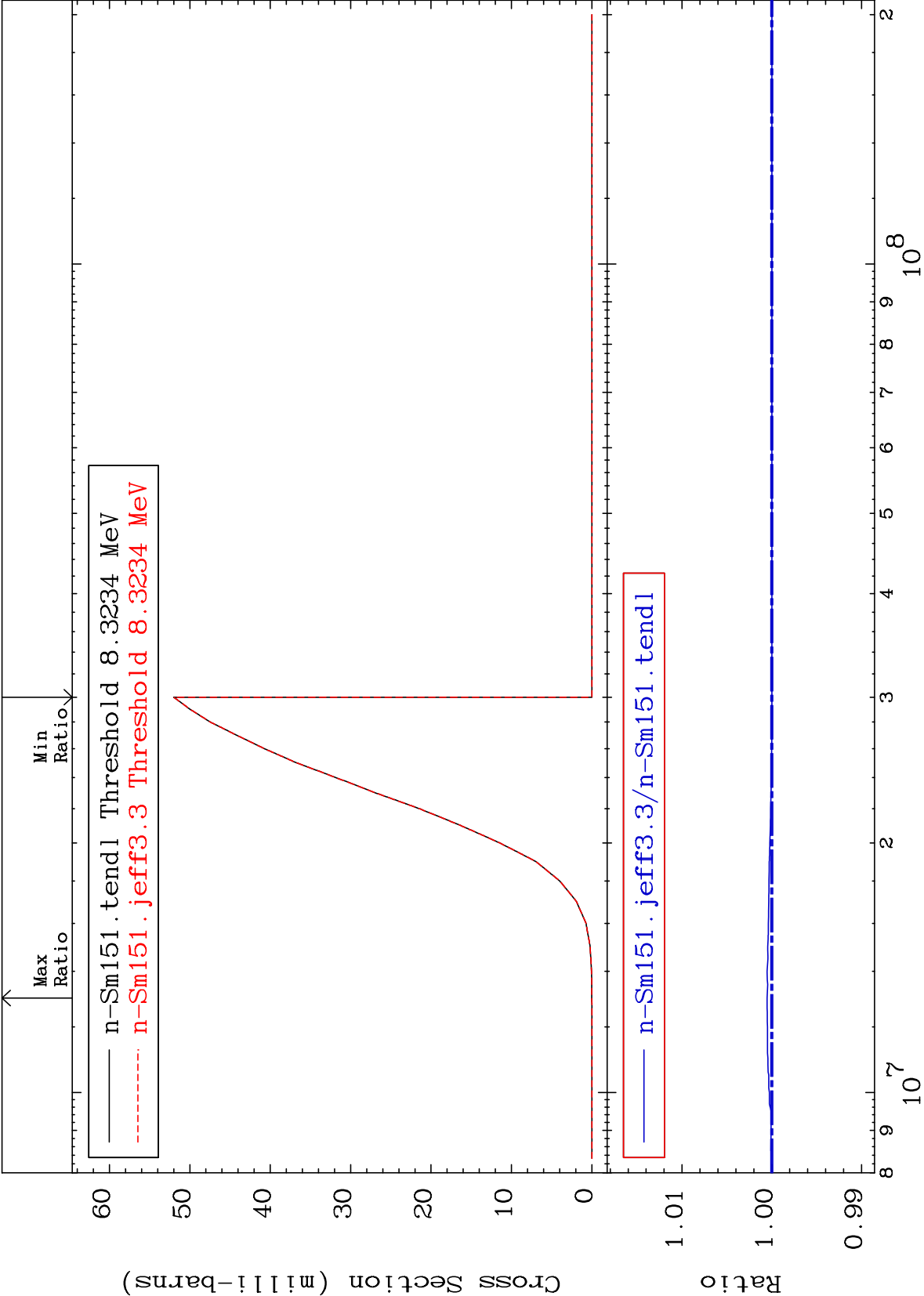
MAT 6246

62-Sm-151

(n,n') p

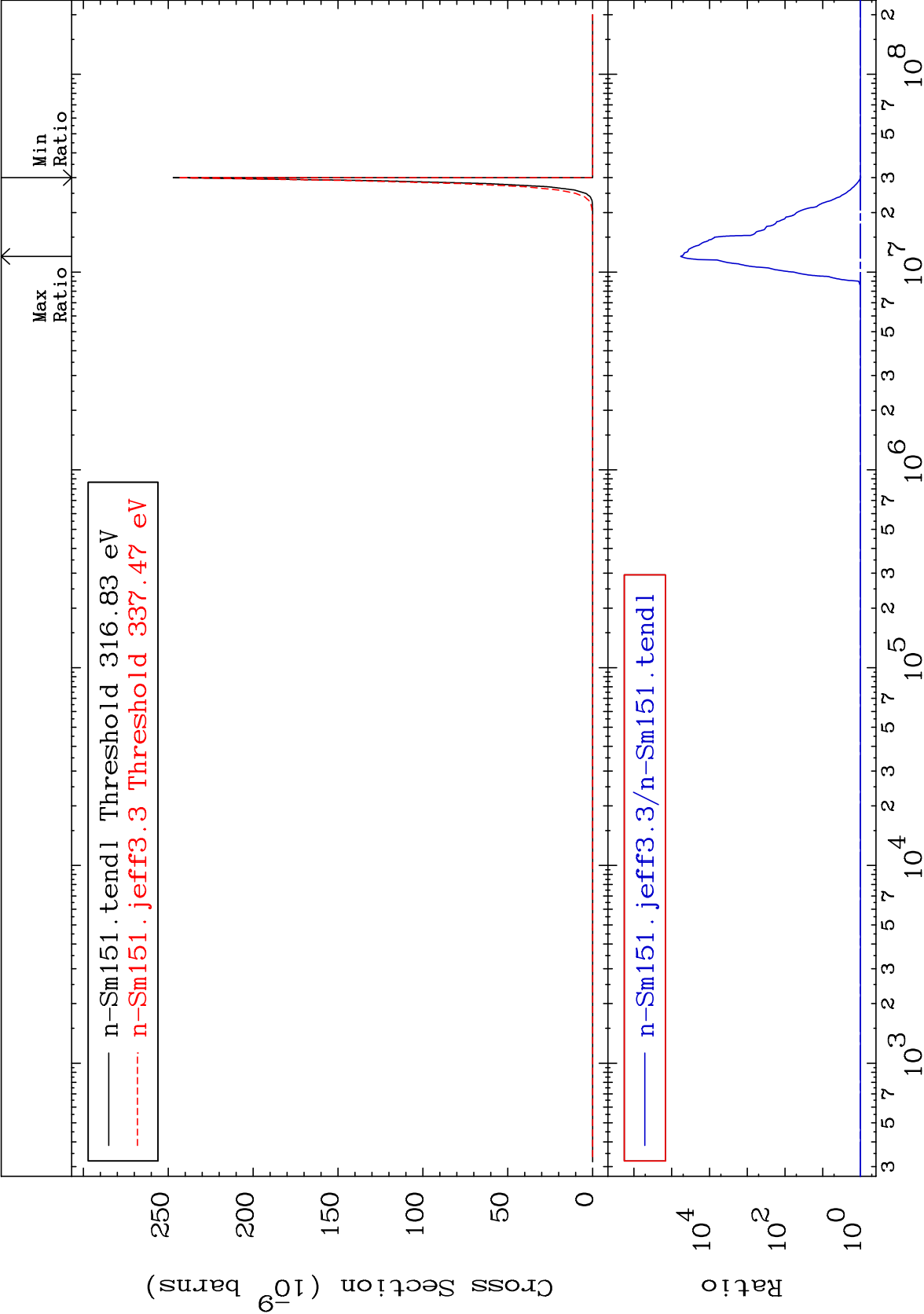
Cross Section

-0.002 To 0.053 %



Incident Energy (eV)

62-Sm-151



(n, 2n) 2α
Cross Section
0.000 To 9999. %
62-Sm-151



MAT 6246

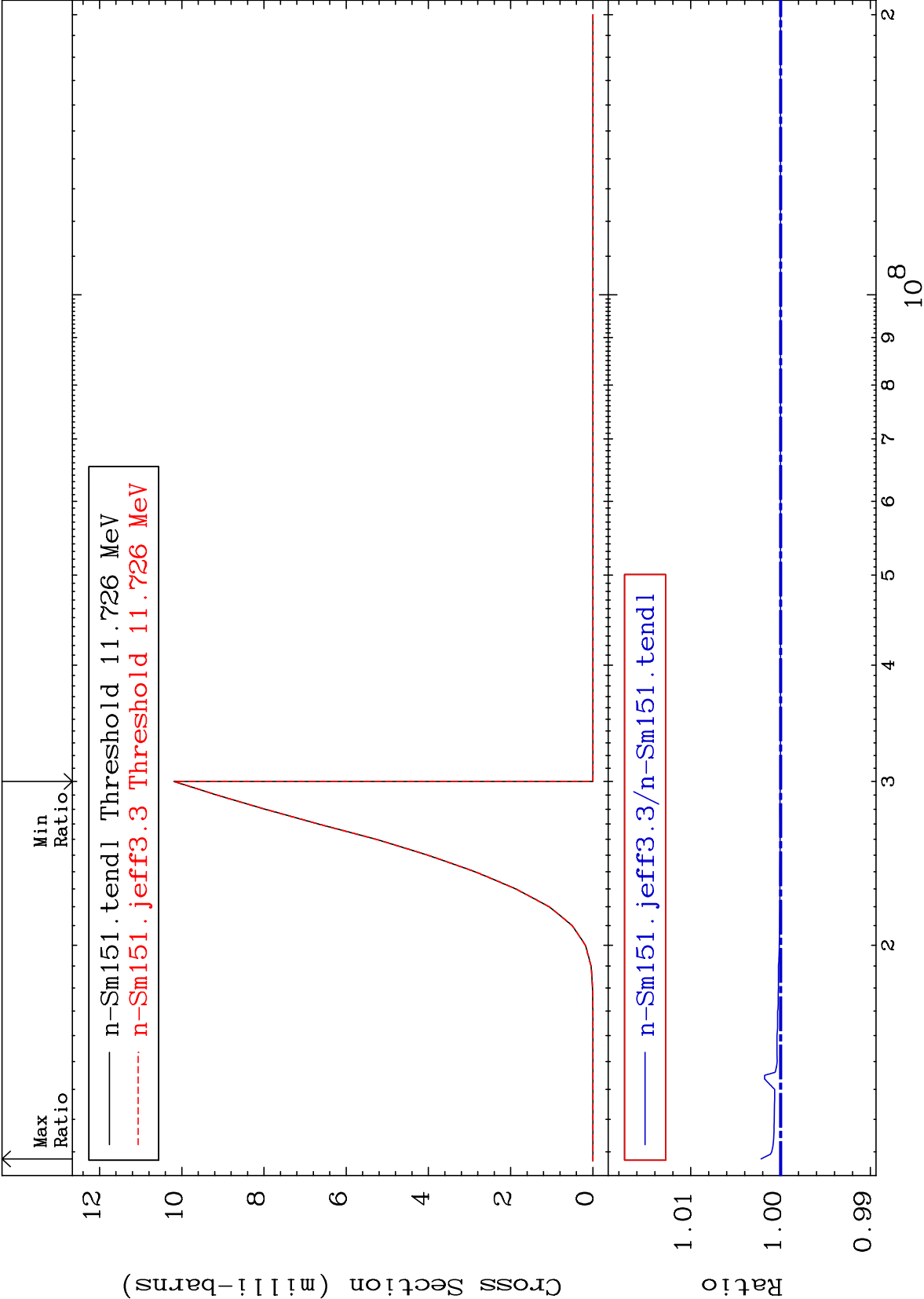
(n,n') d

62-Sm-151

Cross Section

0.000

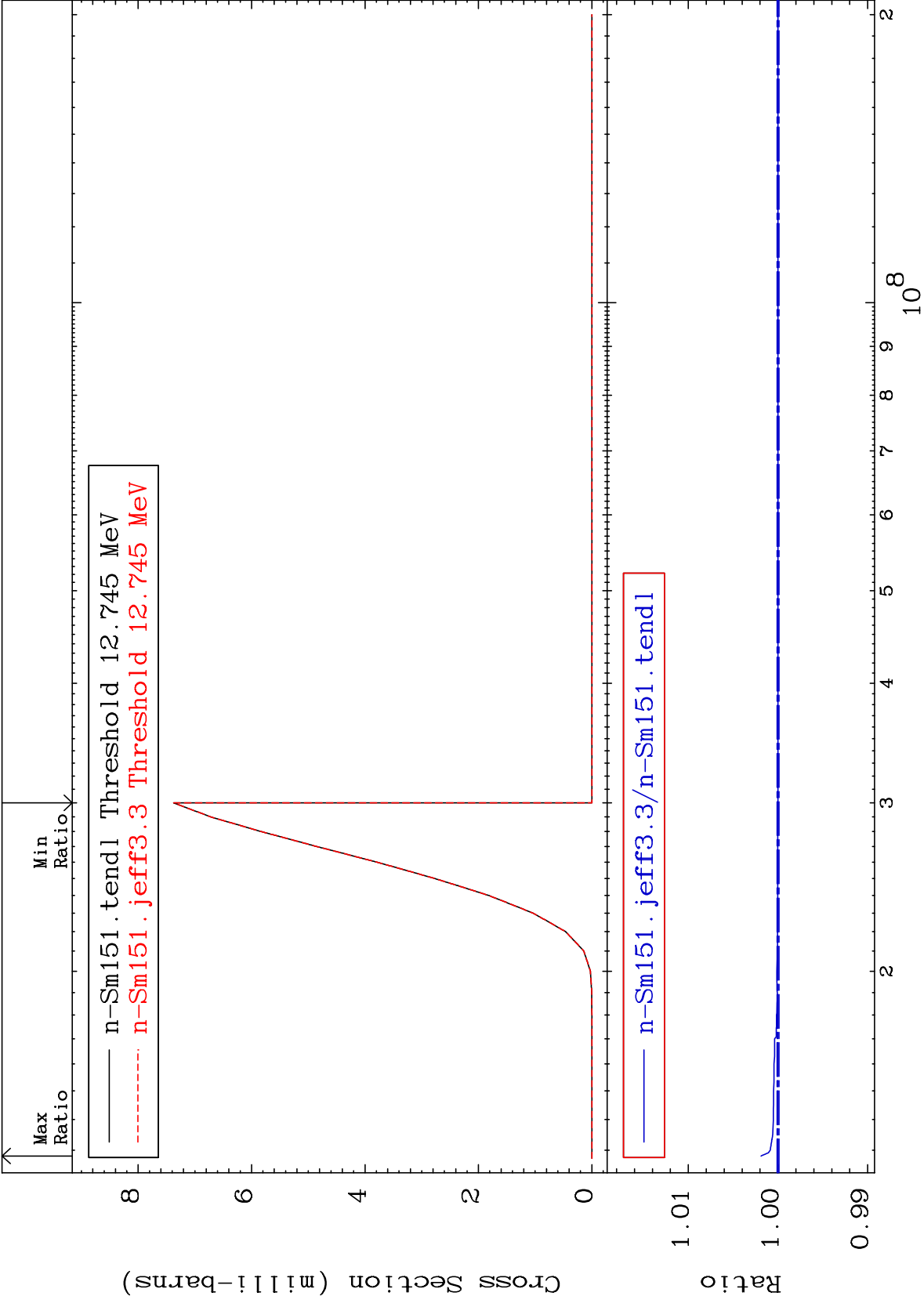
To 0.218 %



12

Incident Energy (eV)

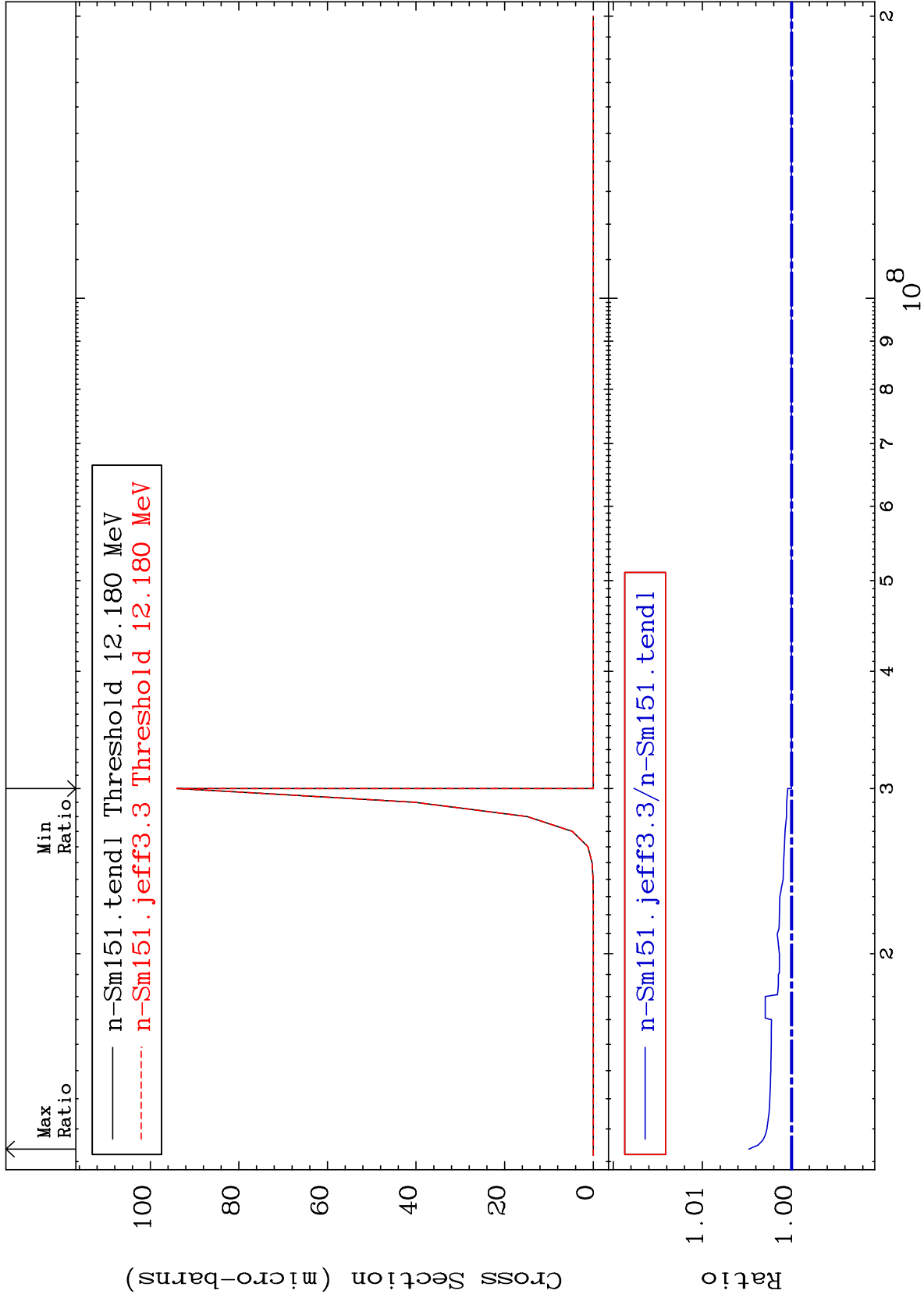
62-Sm-151



MAT 6246

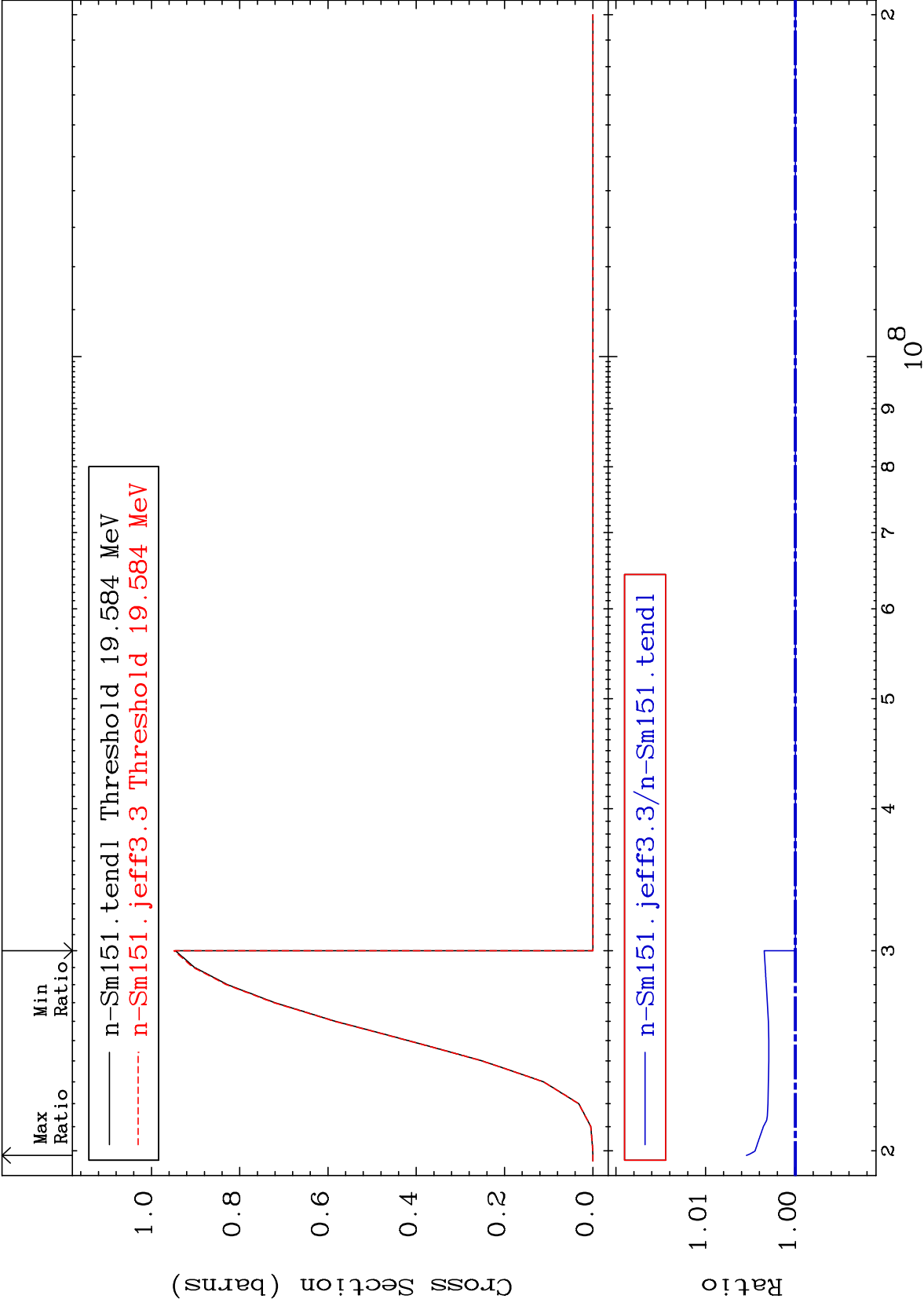
(n,n') He-3
Cross Section

62-Sm-151
0.000 To 0.480 %



MAT 6246

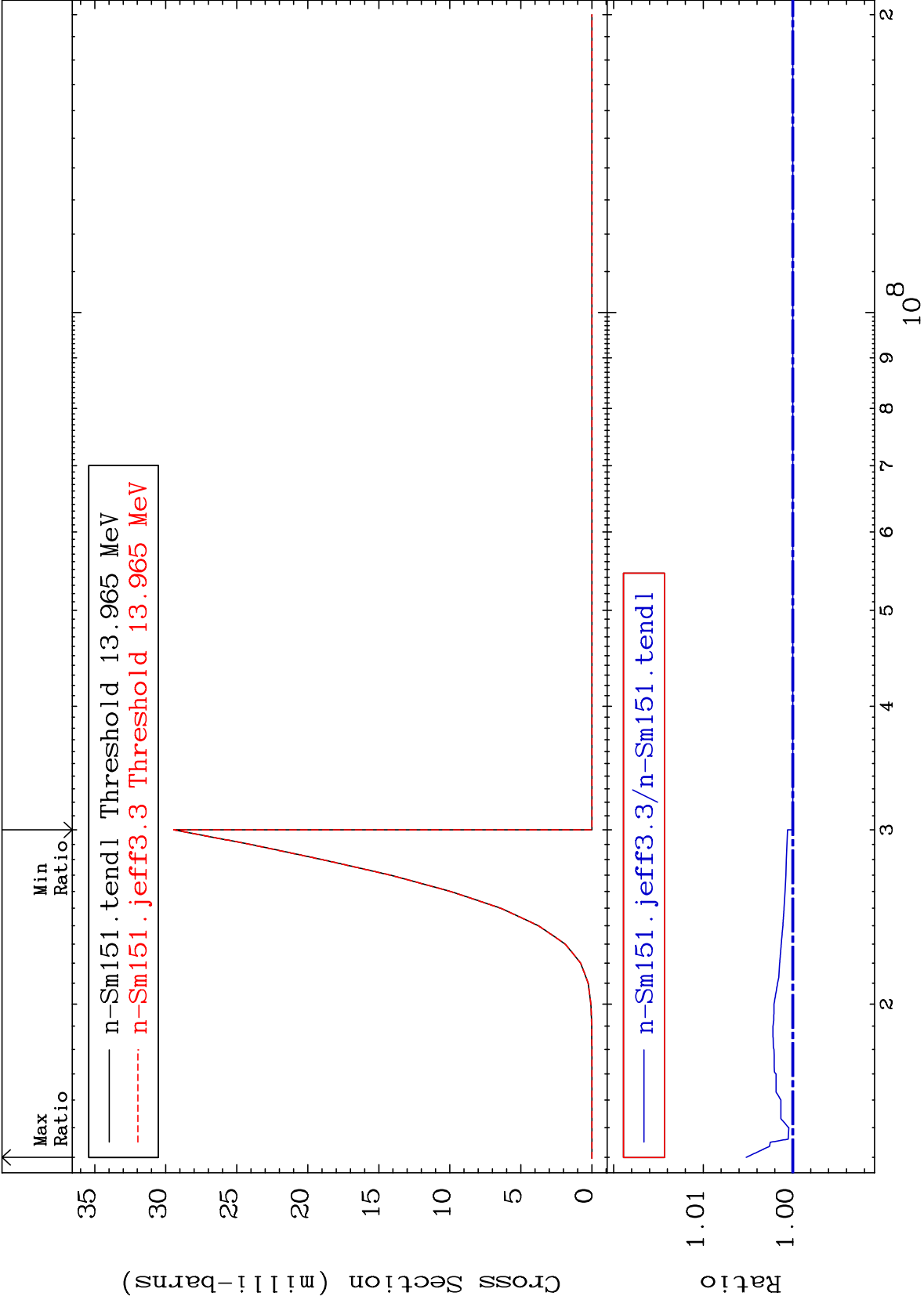
(n,4n) Cross Section 62-Sm-151
0.000 To 0.546 %

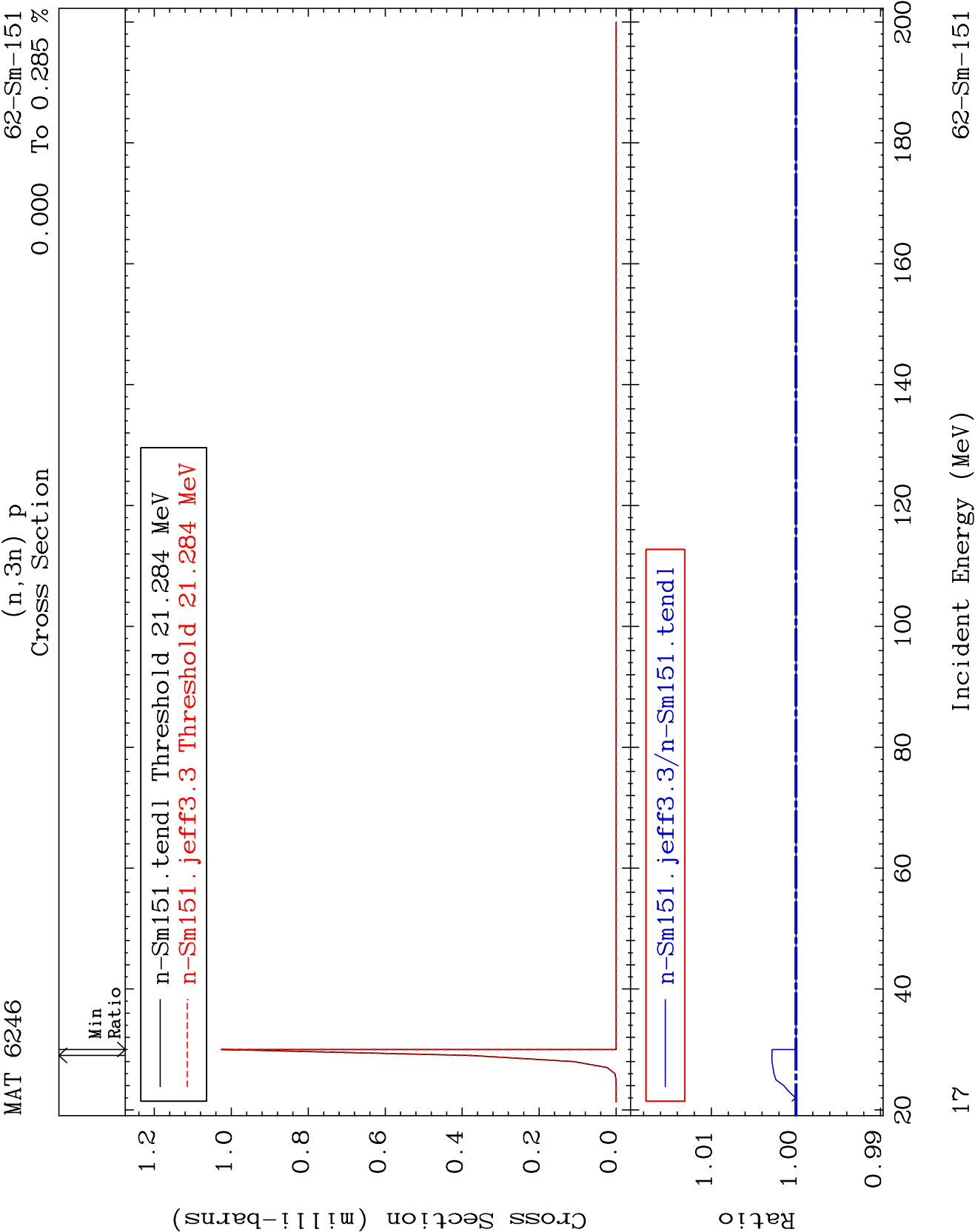


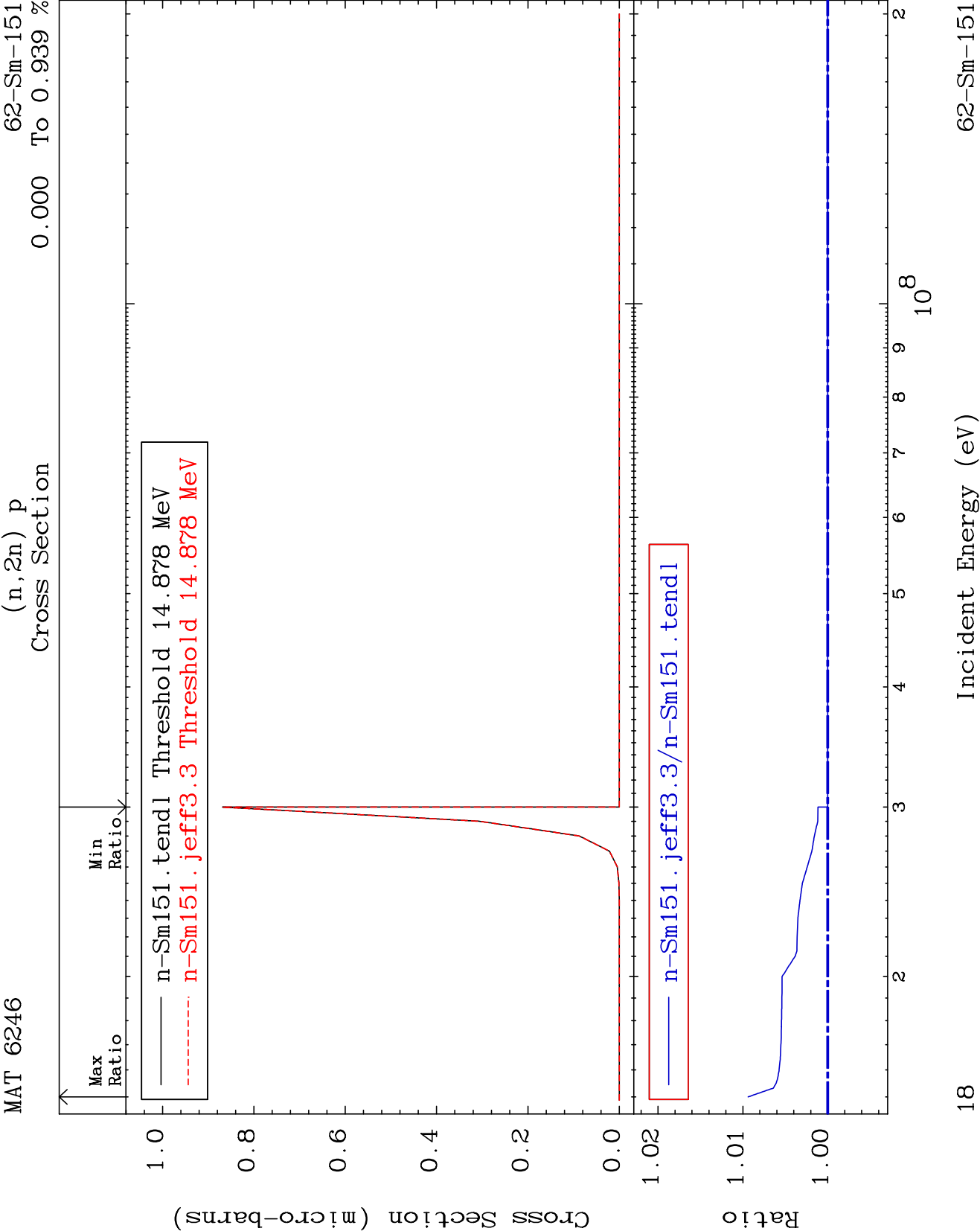
15

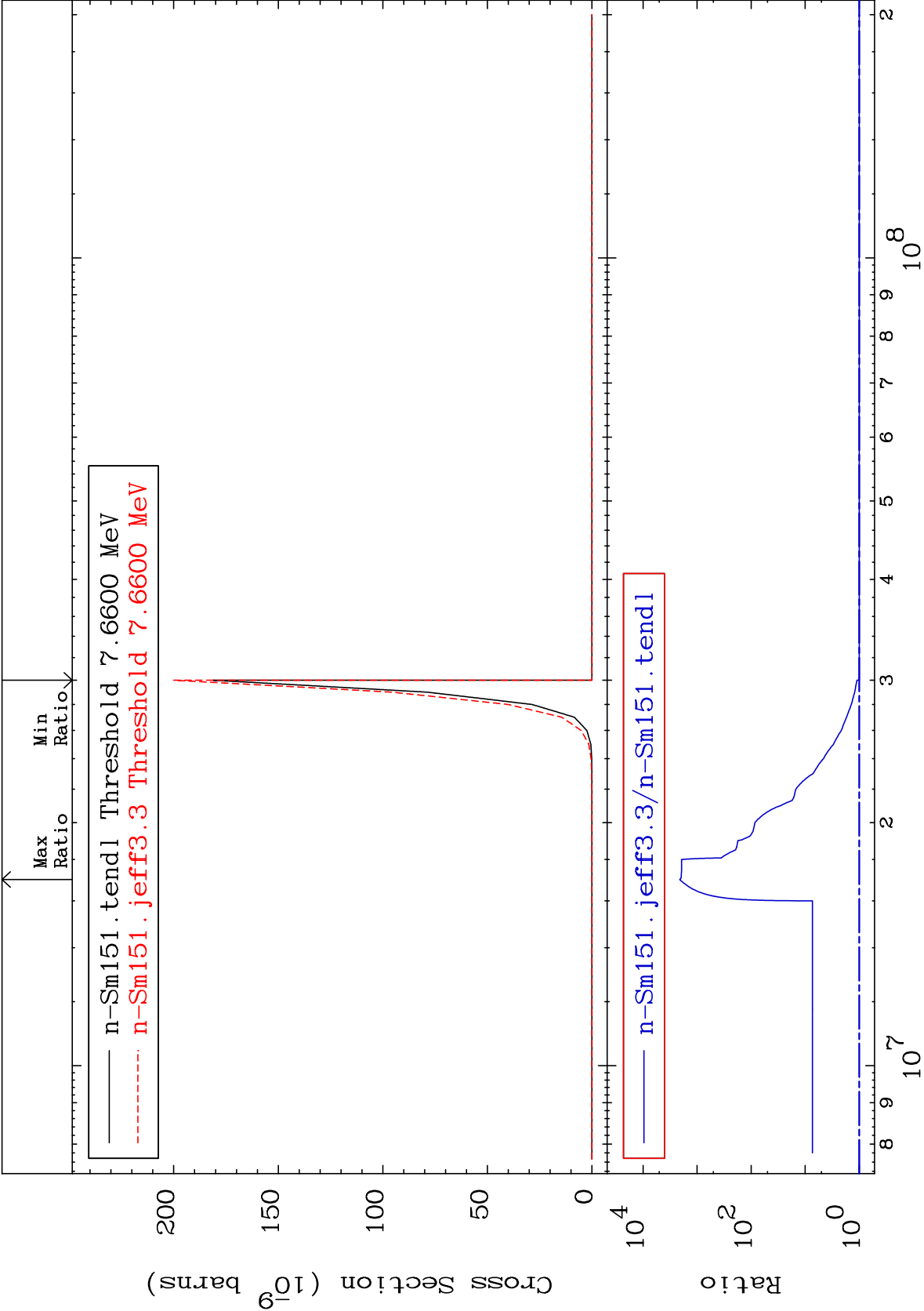
Incident Energy (eV)

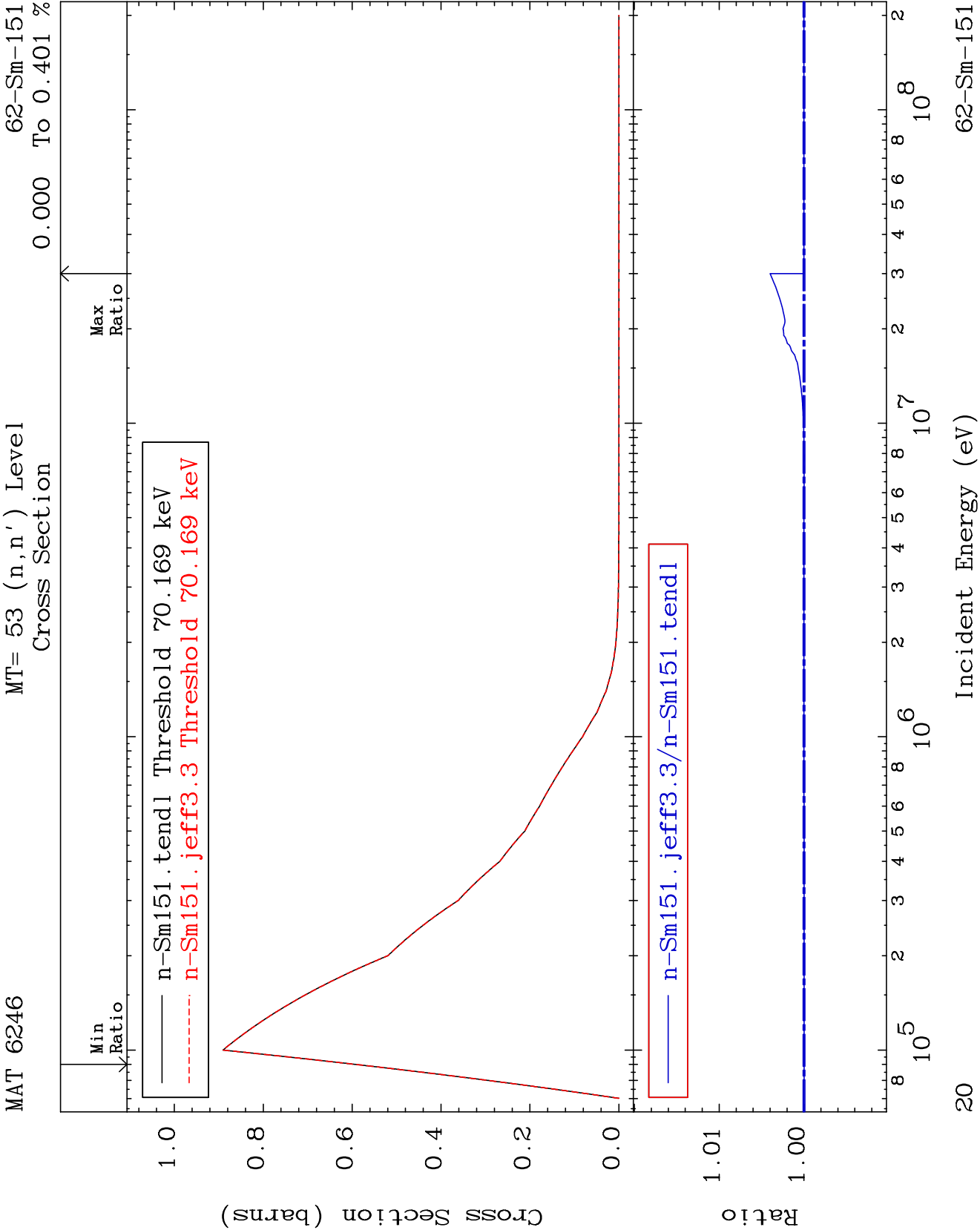
62-Sm-151











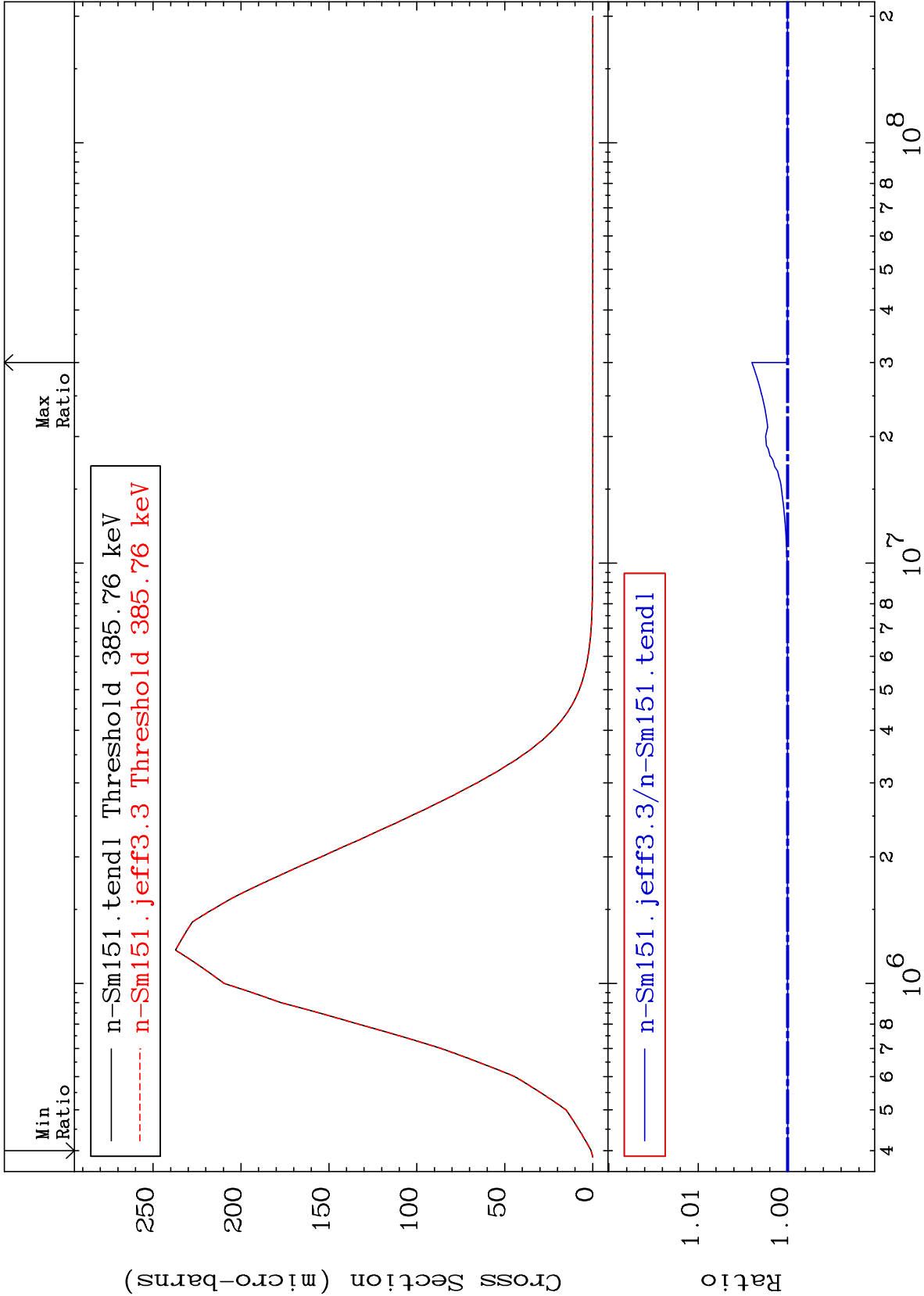
MAT 6246

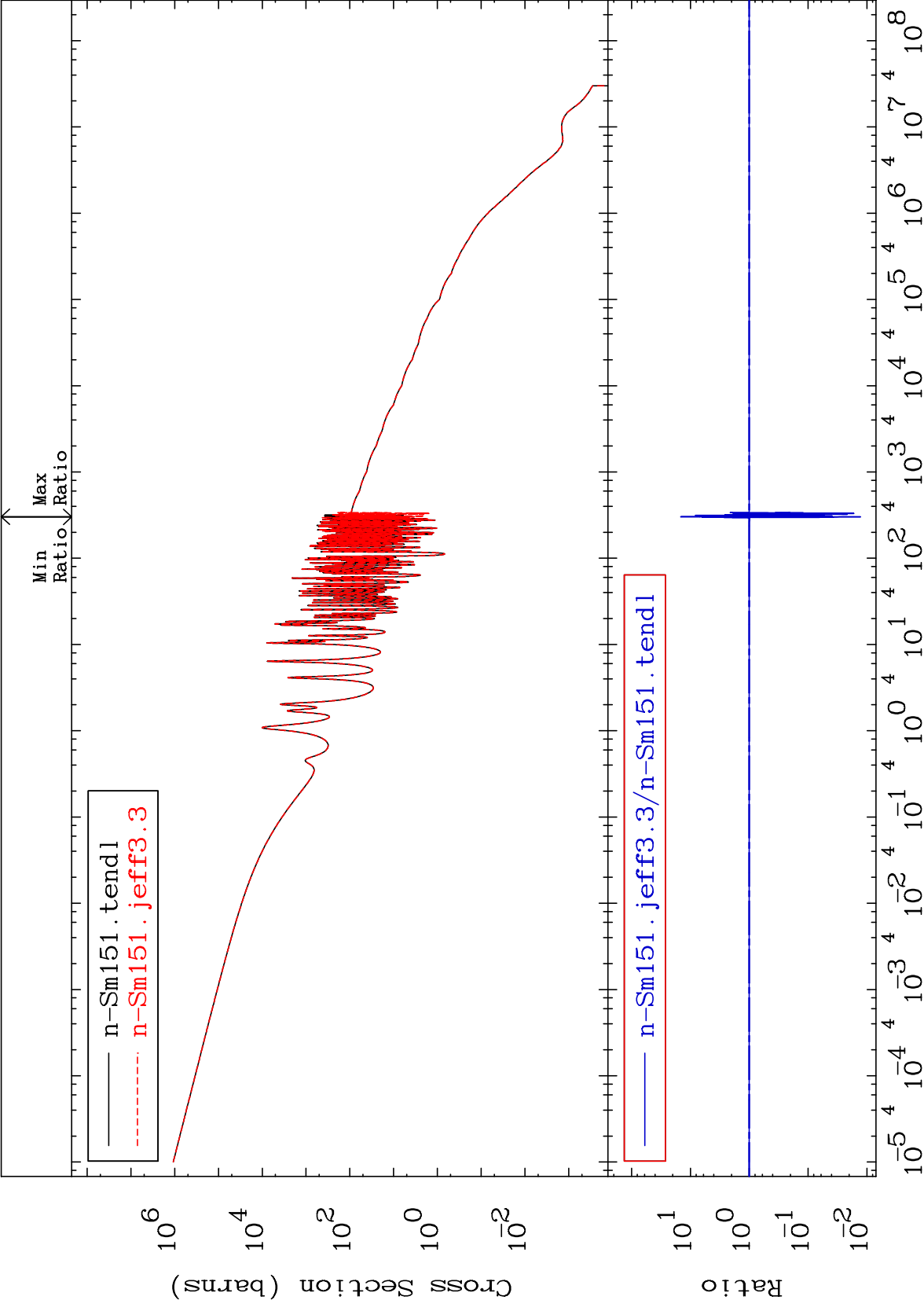
MT= 73 (n,n') Level

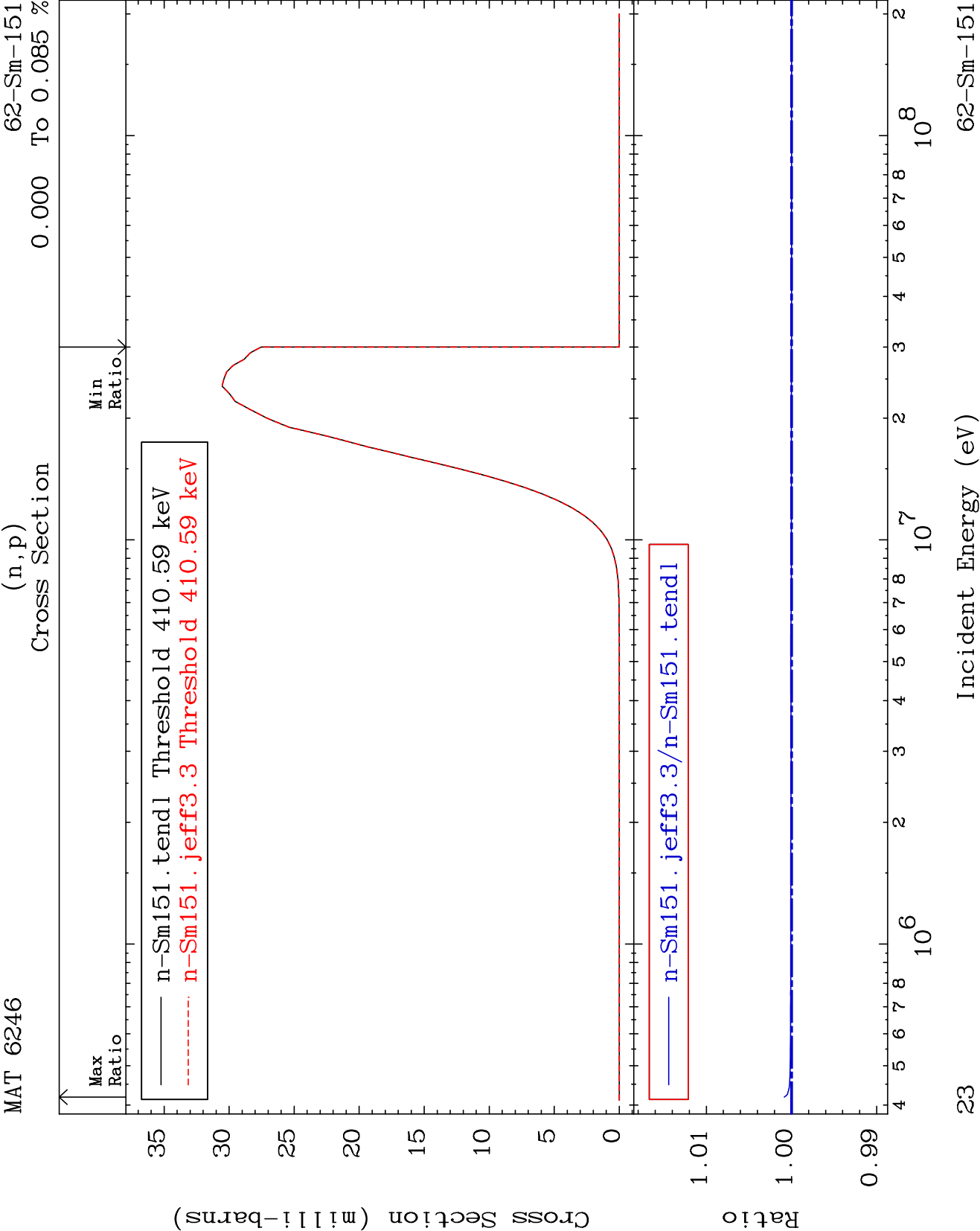
62-Sm-151

Cross Section

-0.005 To 0.400 %







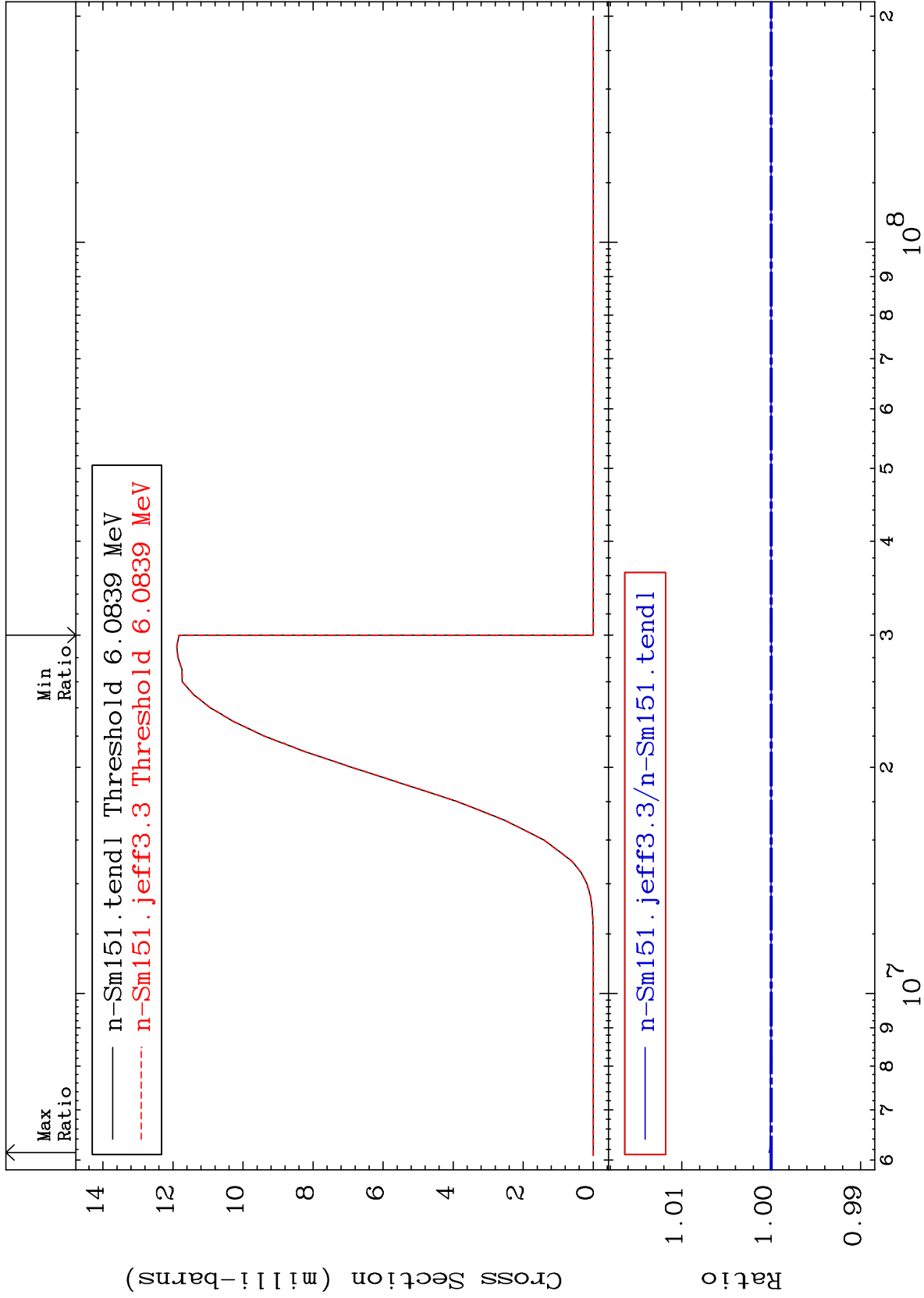
MAT 6246

(n,d)

62-Sm-151

Cross Section

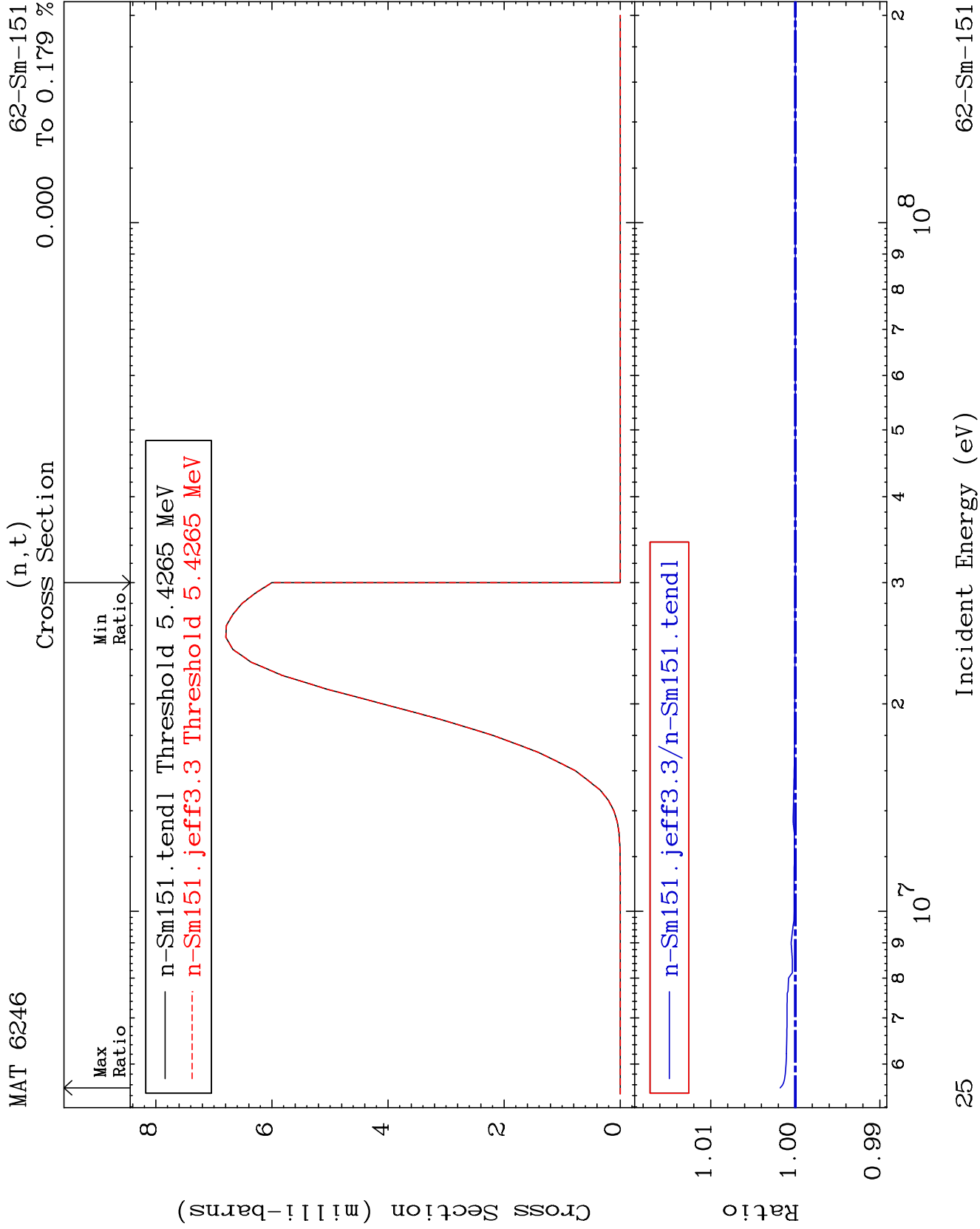
-0.003 To 0.025 %

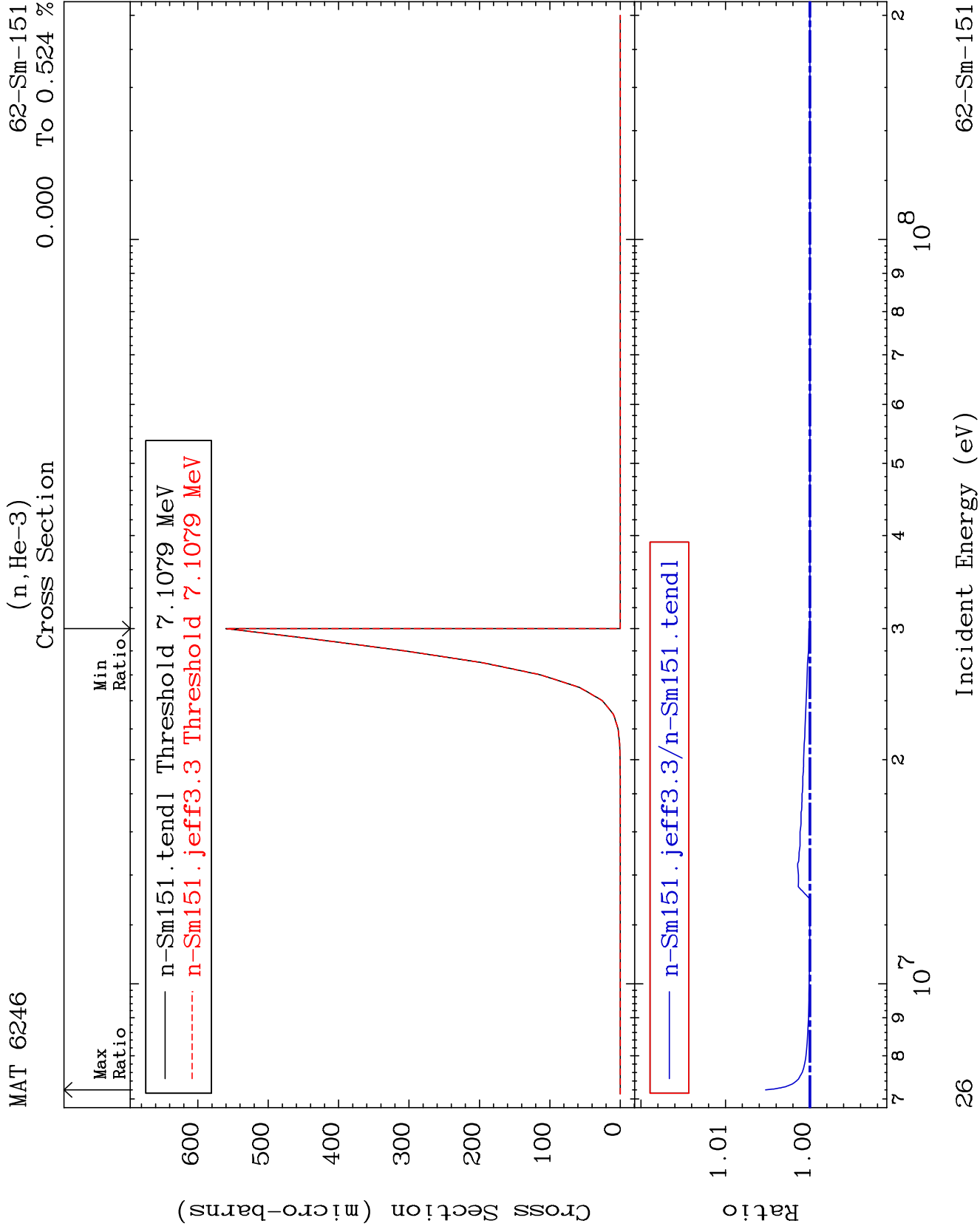


24

Incident Energy (eV)

62-Sm-151





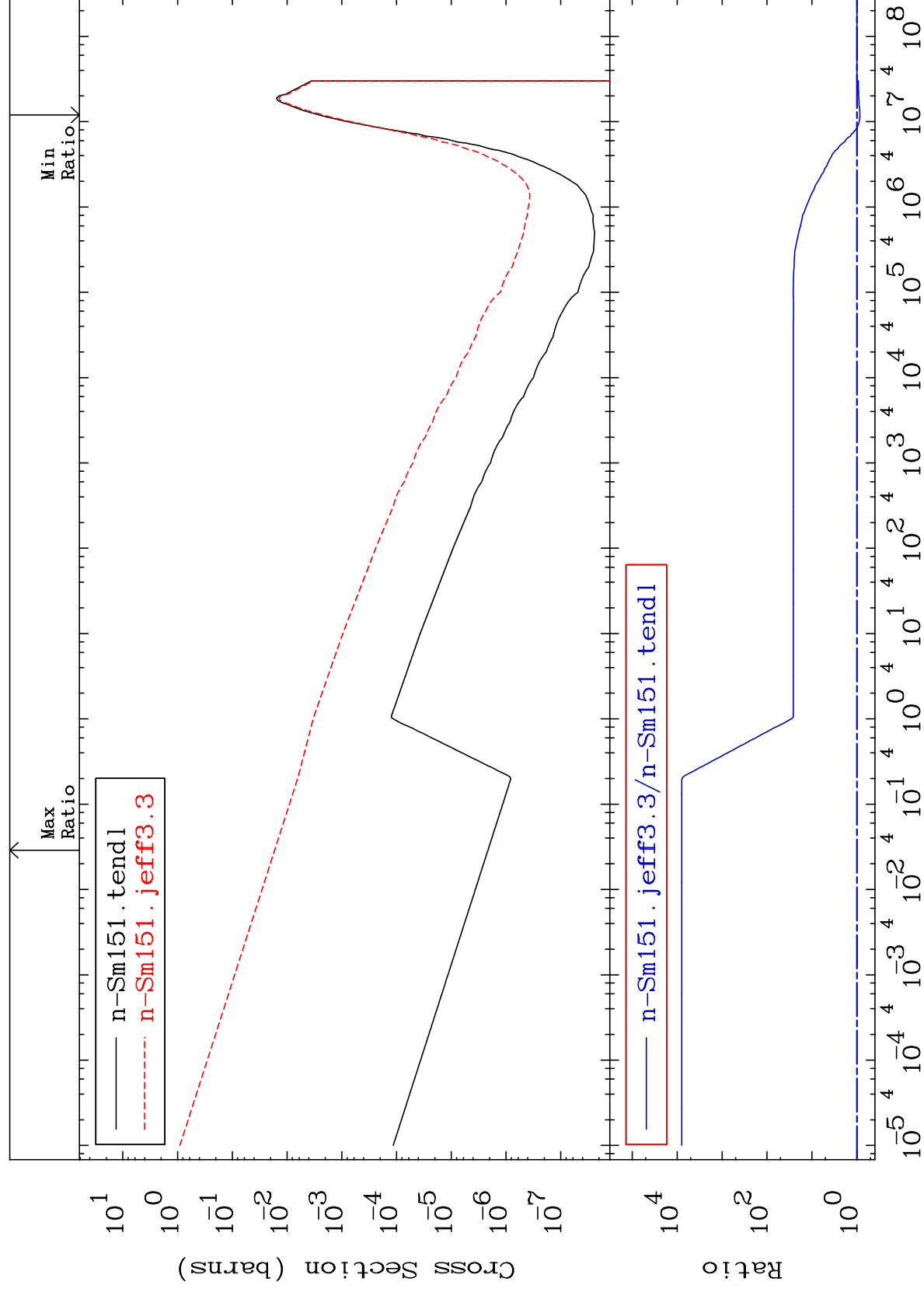
MAT 6246

 (n, α)

Cross Section

62-Sm-151

-14.15 To 9999. %



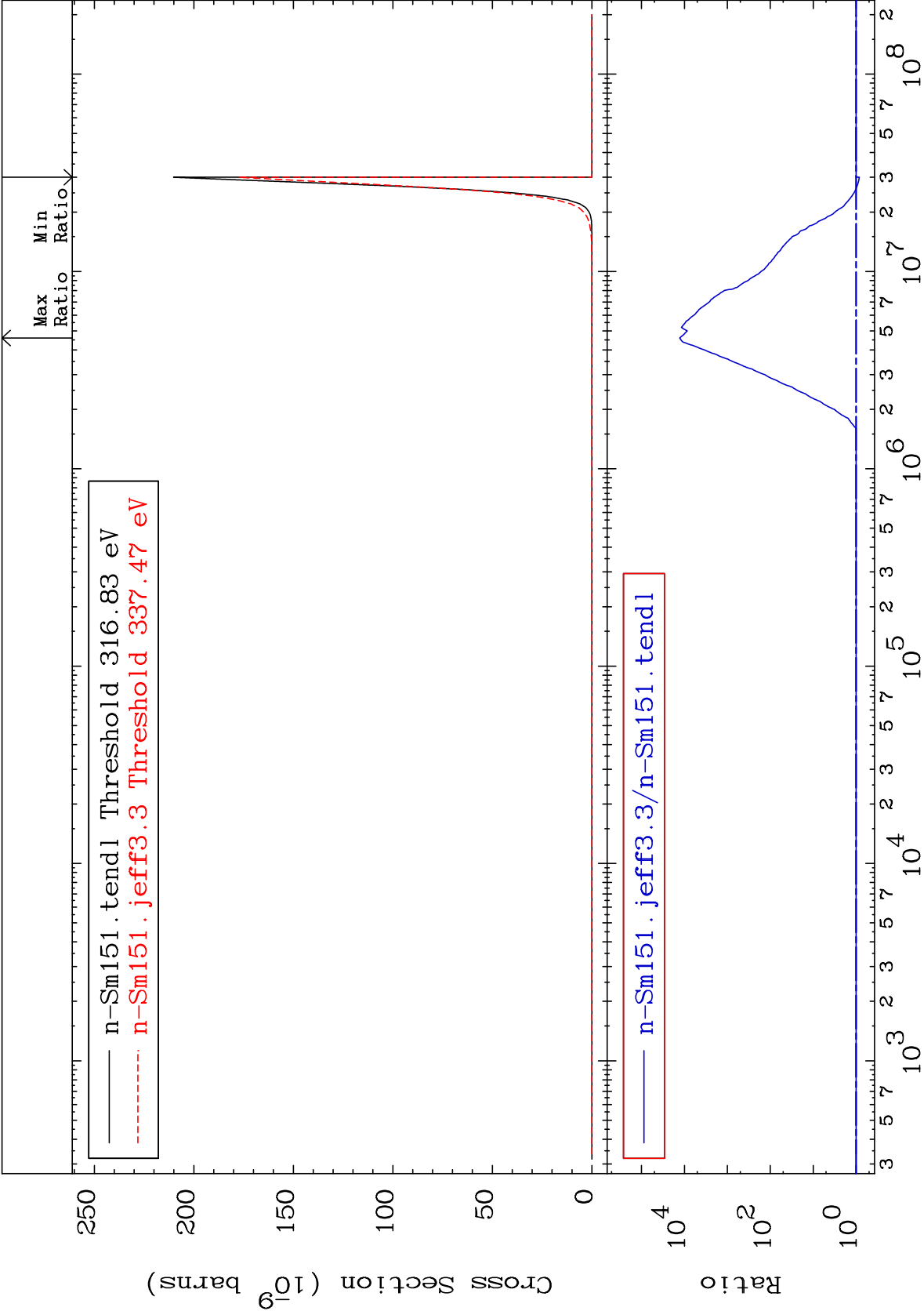
22

Incident Energy (eV)

62-Sm-151

(n,2α)
Cross Section

-15.58 To 9999. %

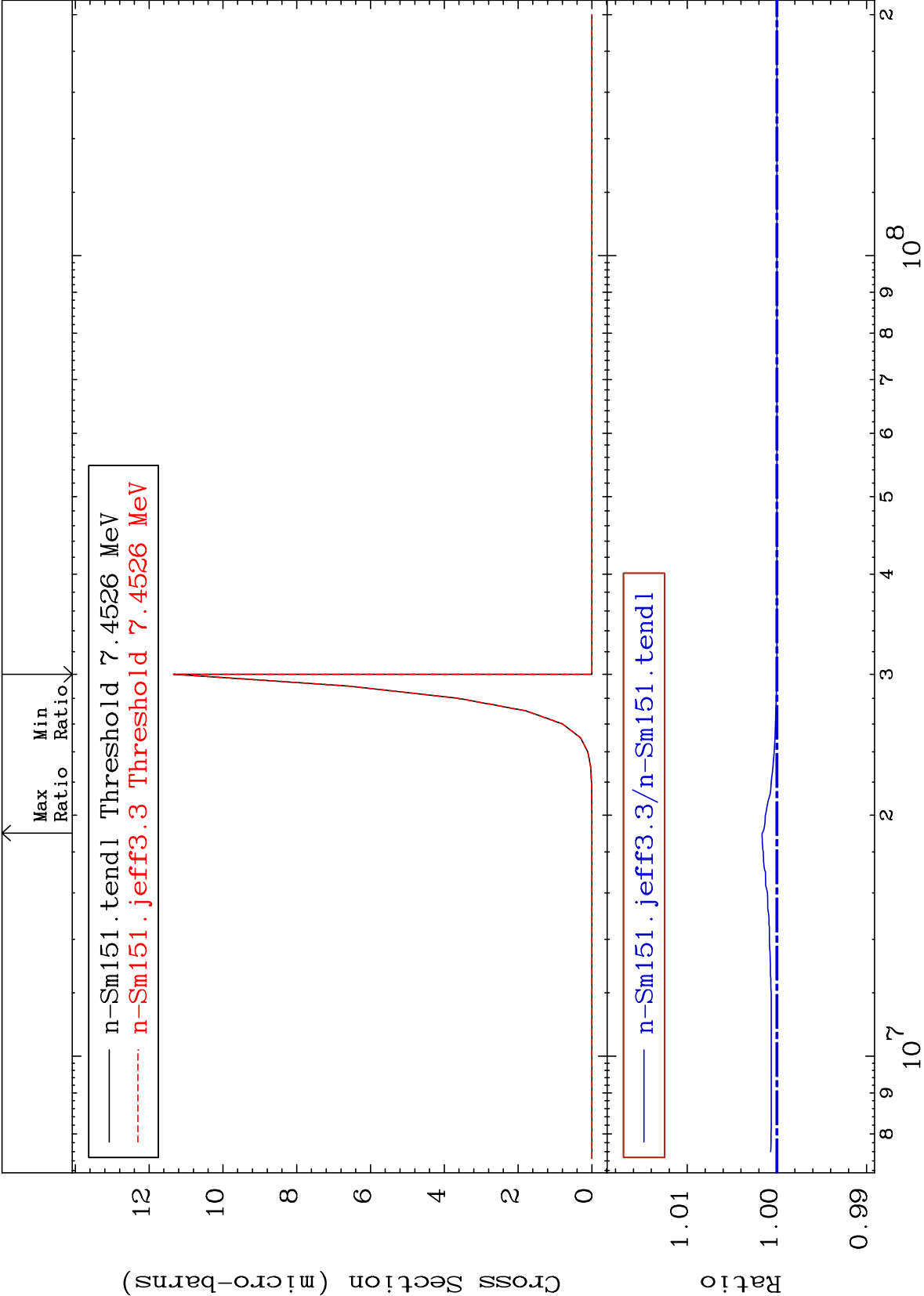


MAT 6246

(n,2p) 62-Sm-151

Cross Section

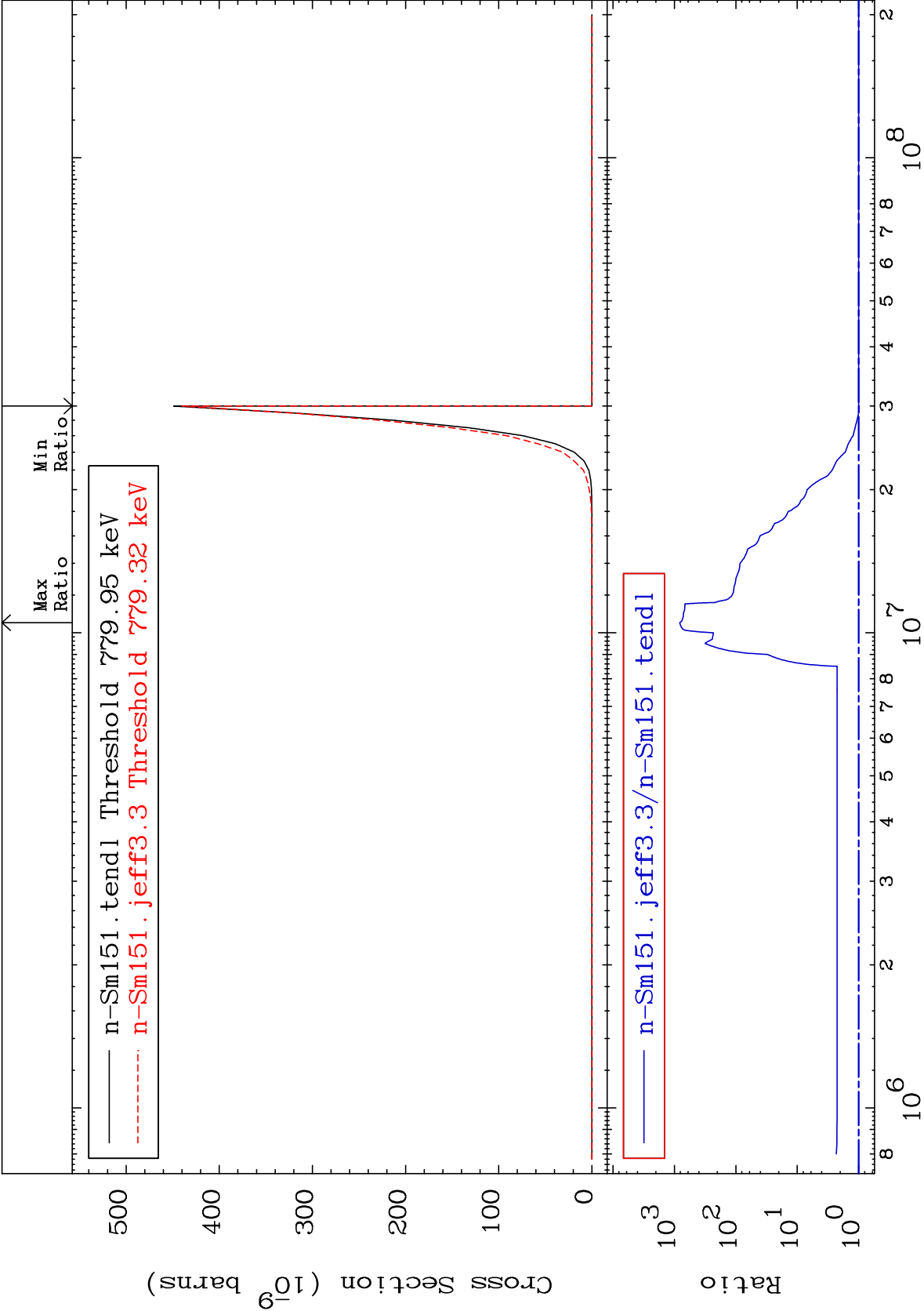
0.000 To 0.165 %

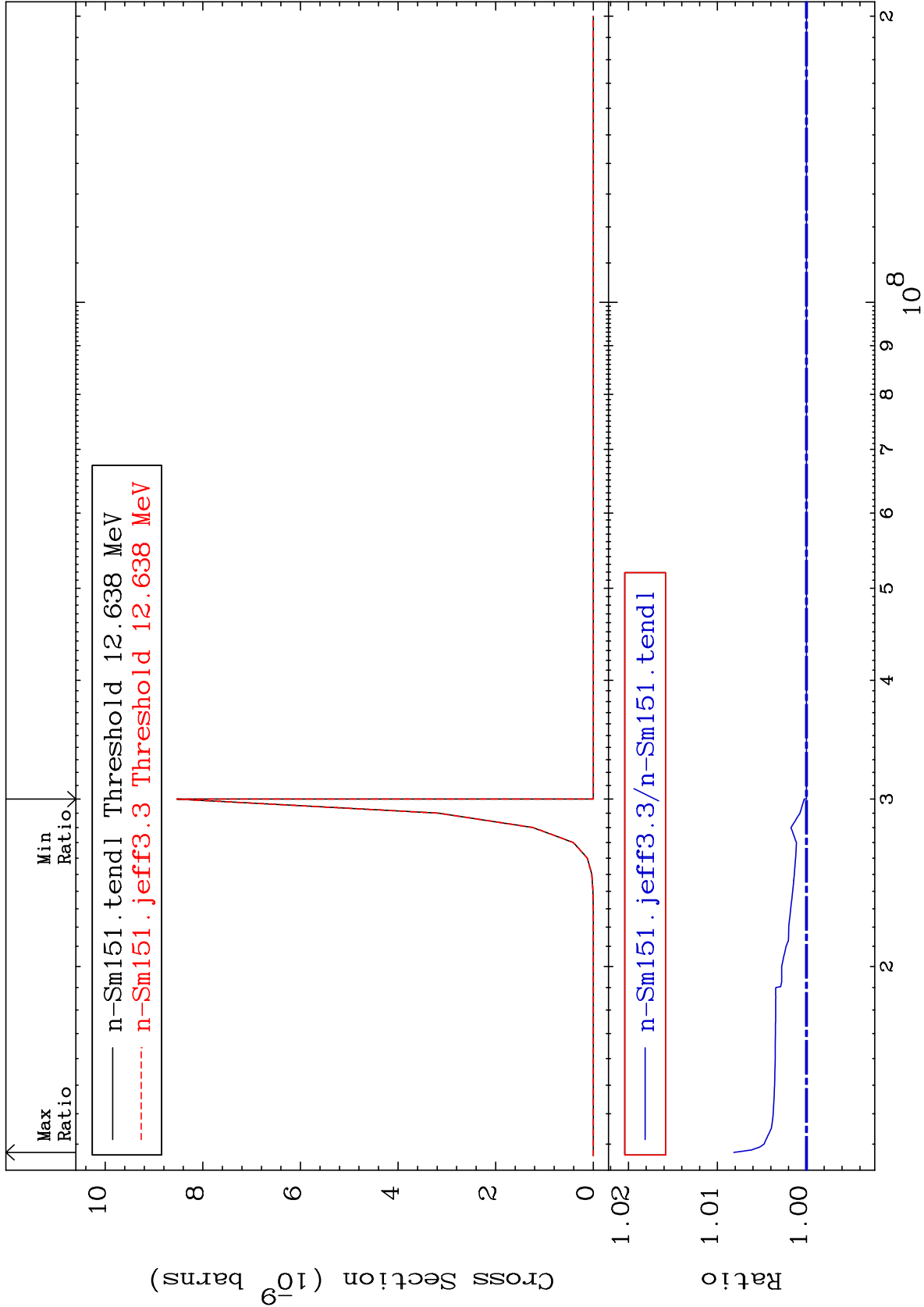


29

Incident Energy (eV)

62-Sm-151

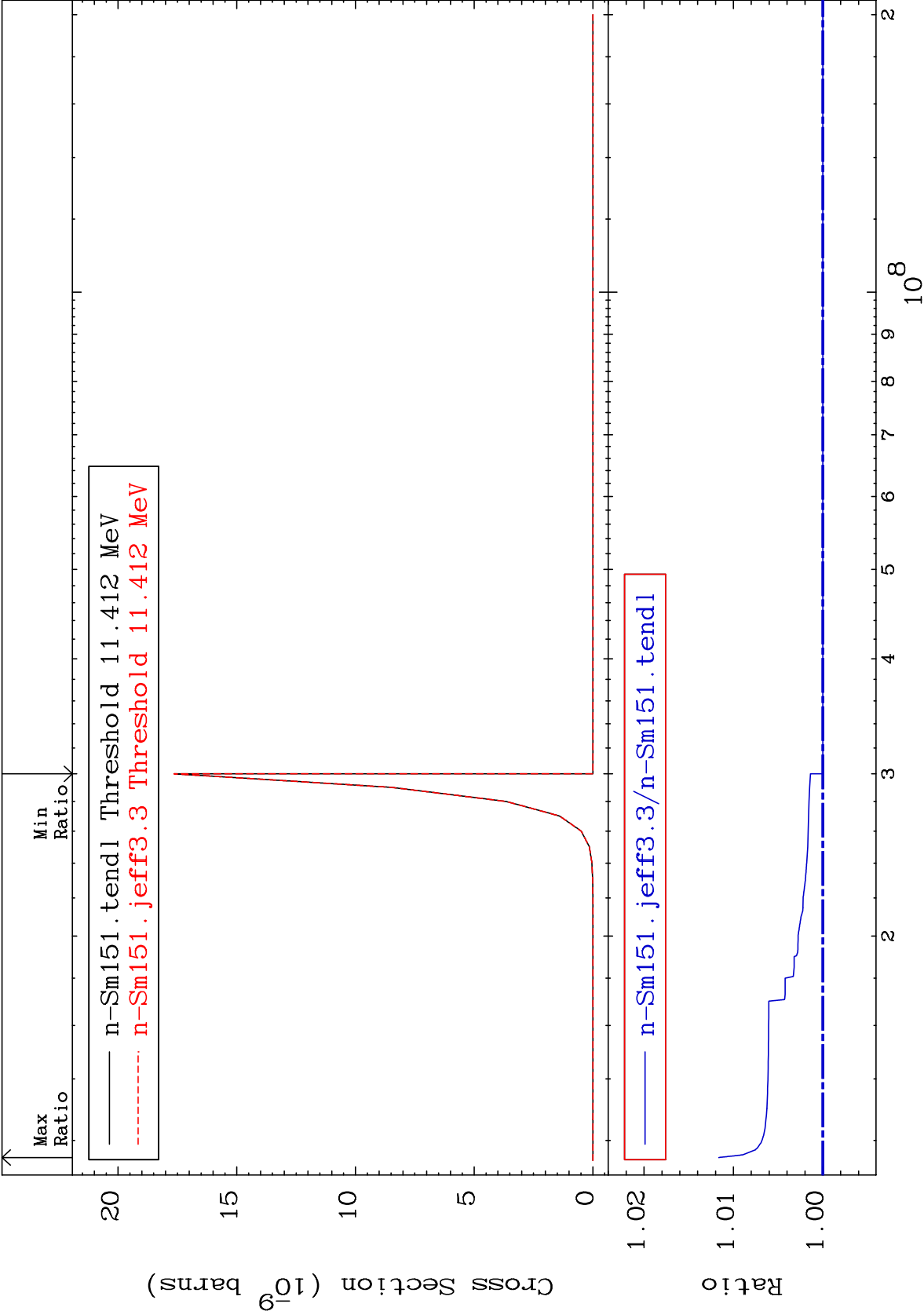


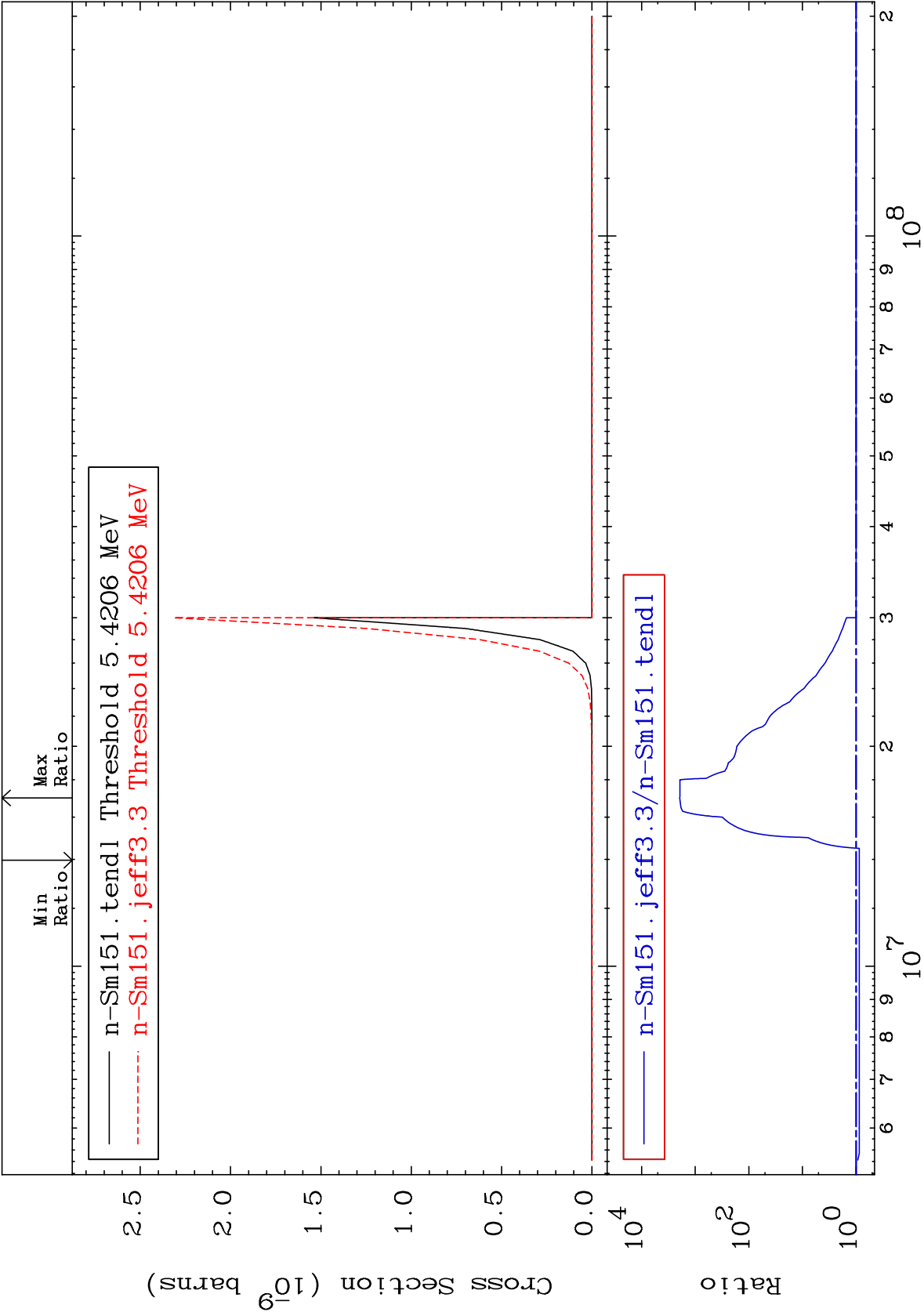


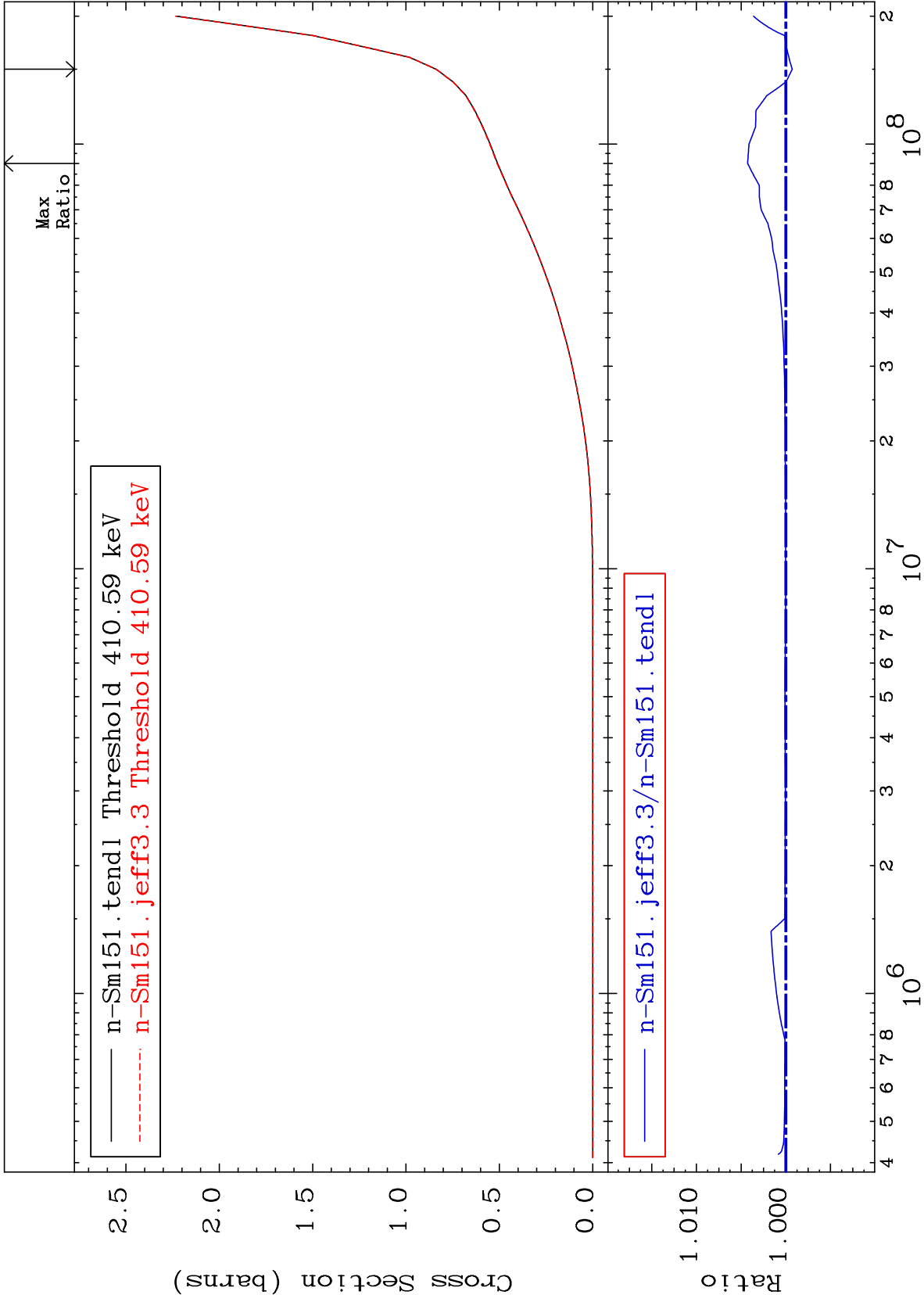
Cross Section

0.000

To 1.164 %



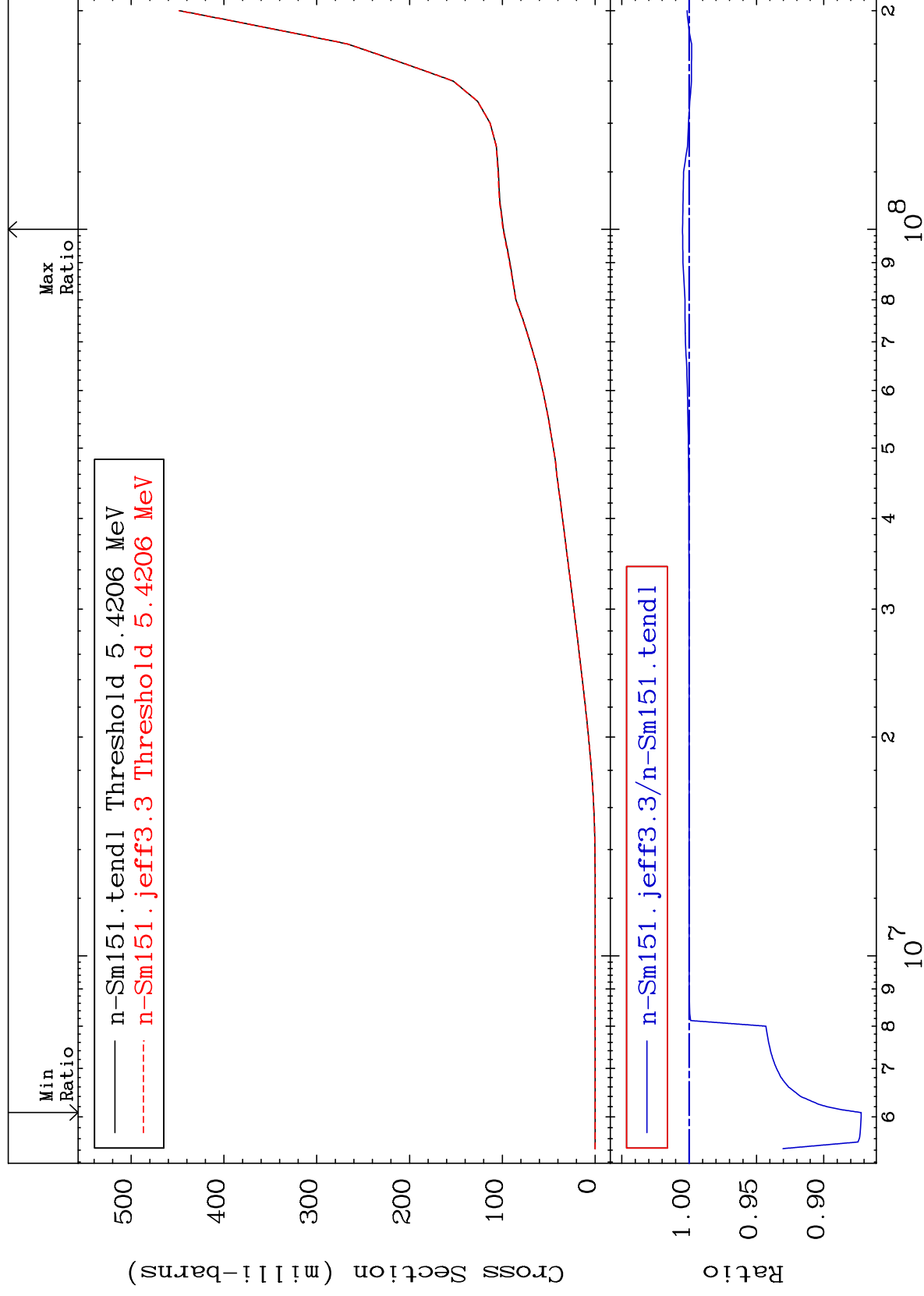




MAT 6246

Deuterium Production
Cross Section

62-Sm-151
-12.78 To 0.490 %



35

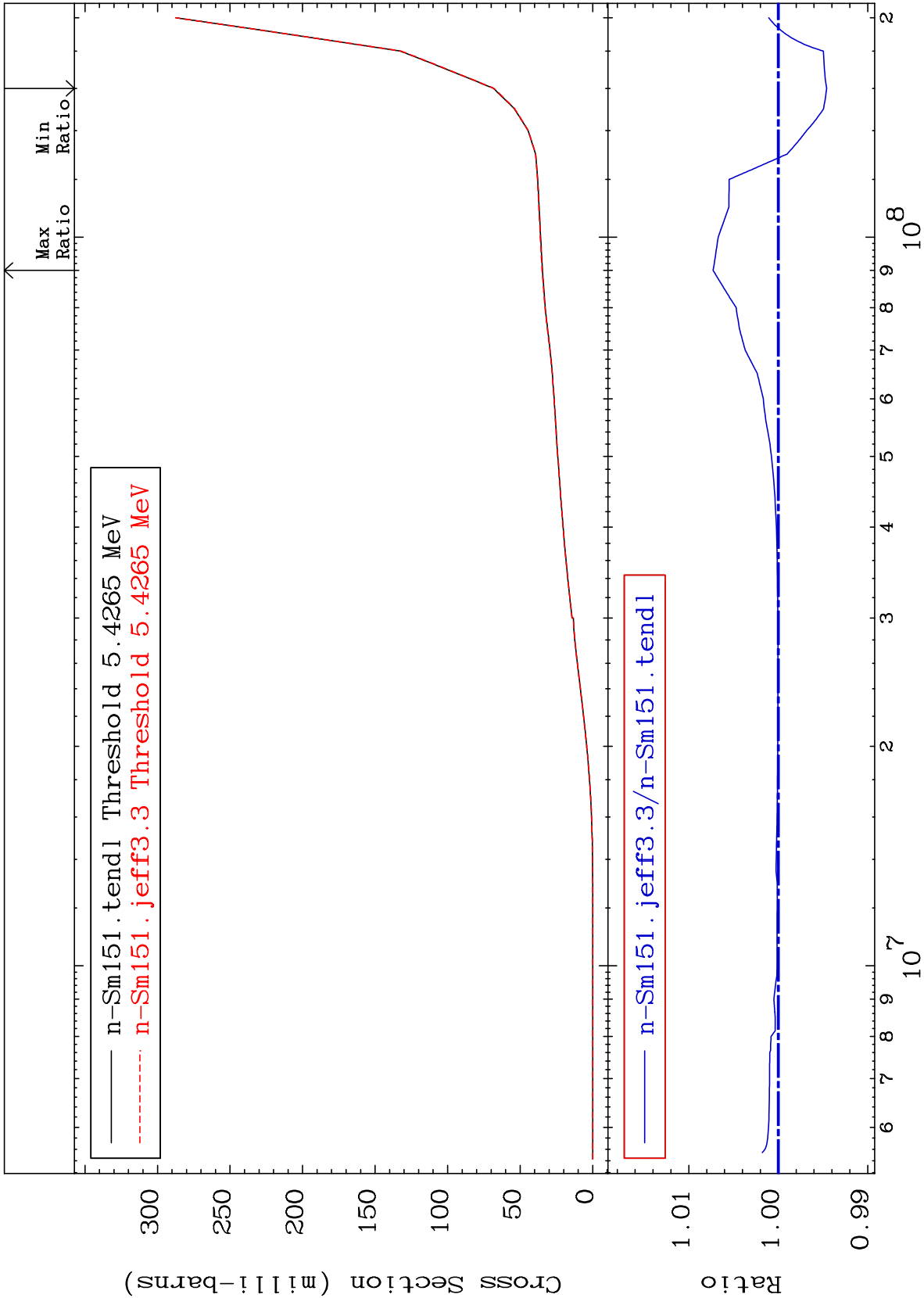
Incident Energy (eV)

62-Sm-151

MAT 6246

Tritium Production
Cross Section

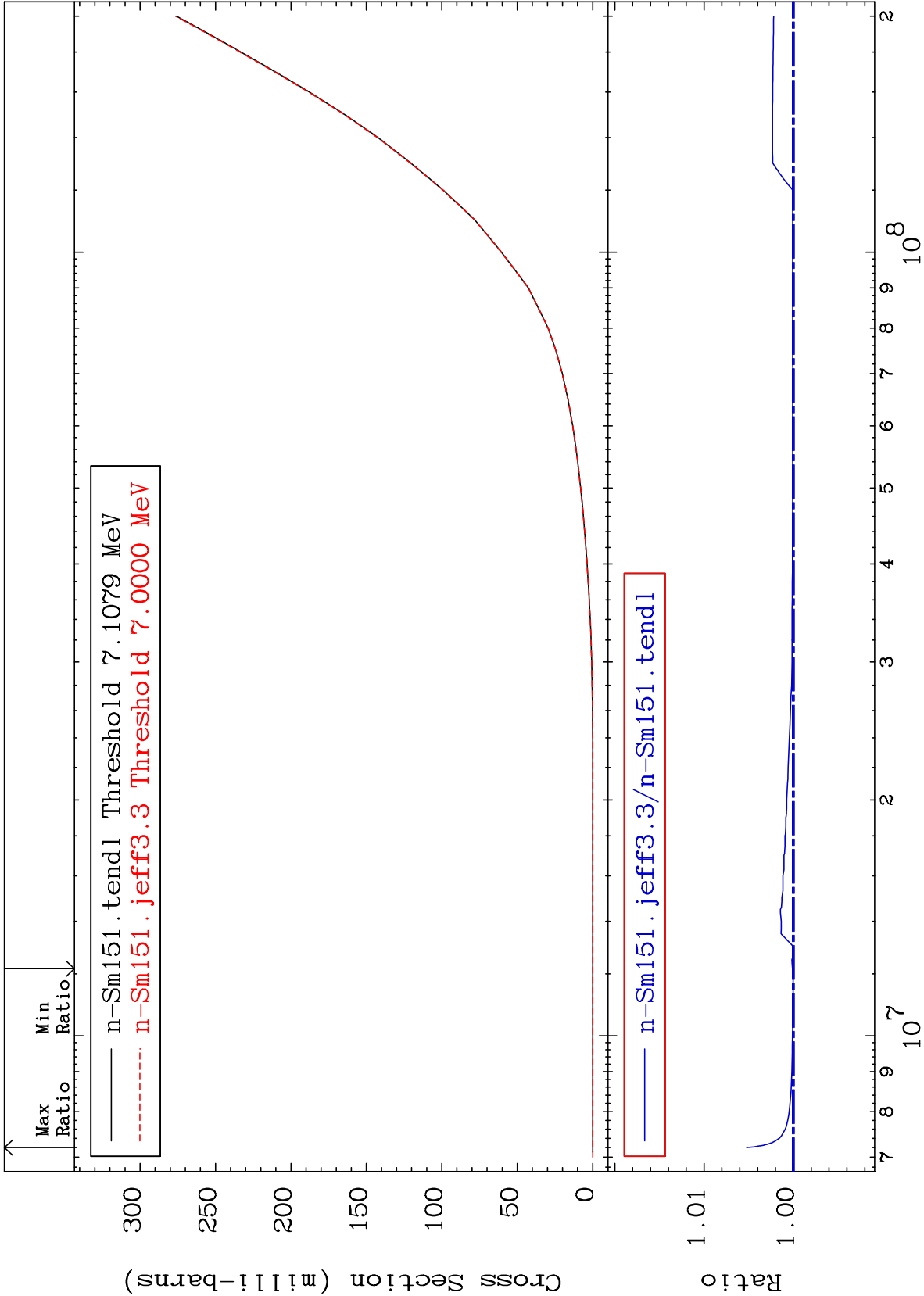
62-Sm-151
-0.541 To 0.728 %



MAT 6246

He-3 Production
Cross Section

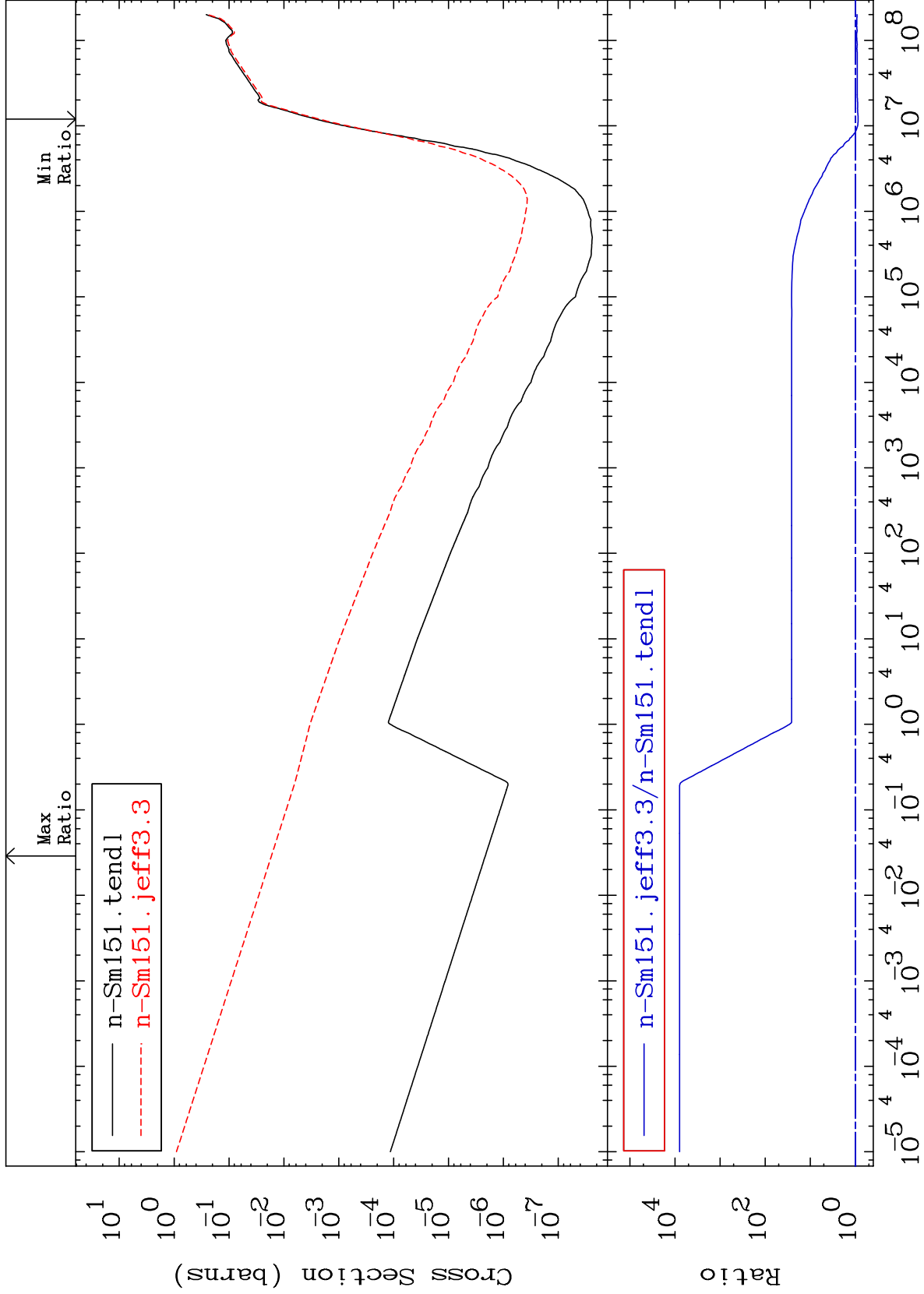
62-Sm-151
0.000 To 0.524 %

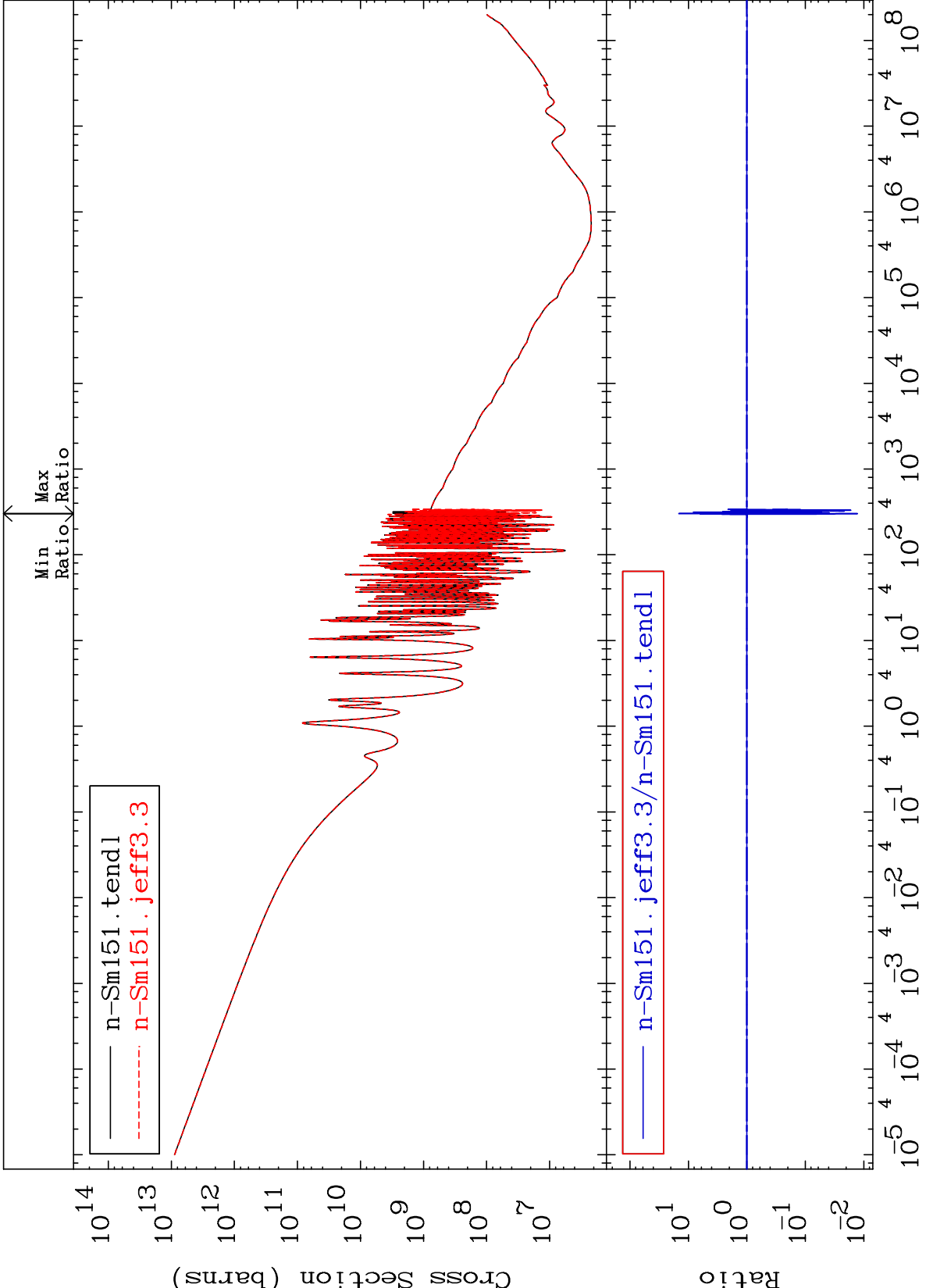


MAT 6246

He-4 Production
Cross Section

62-Sm-151
-12.97 To 9999. %

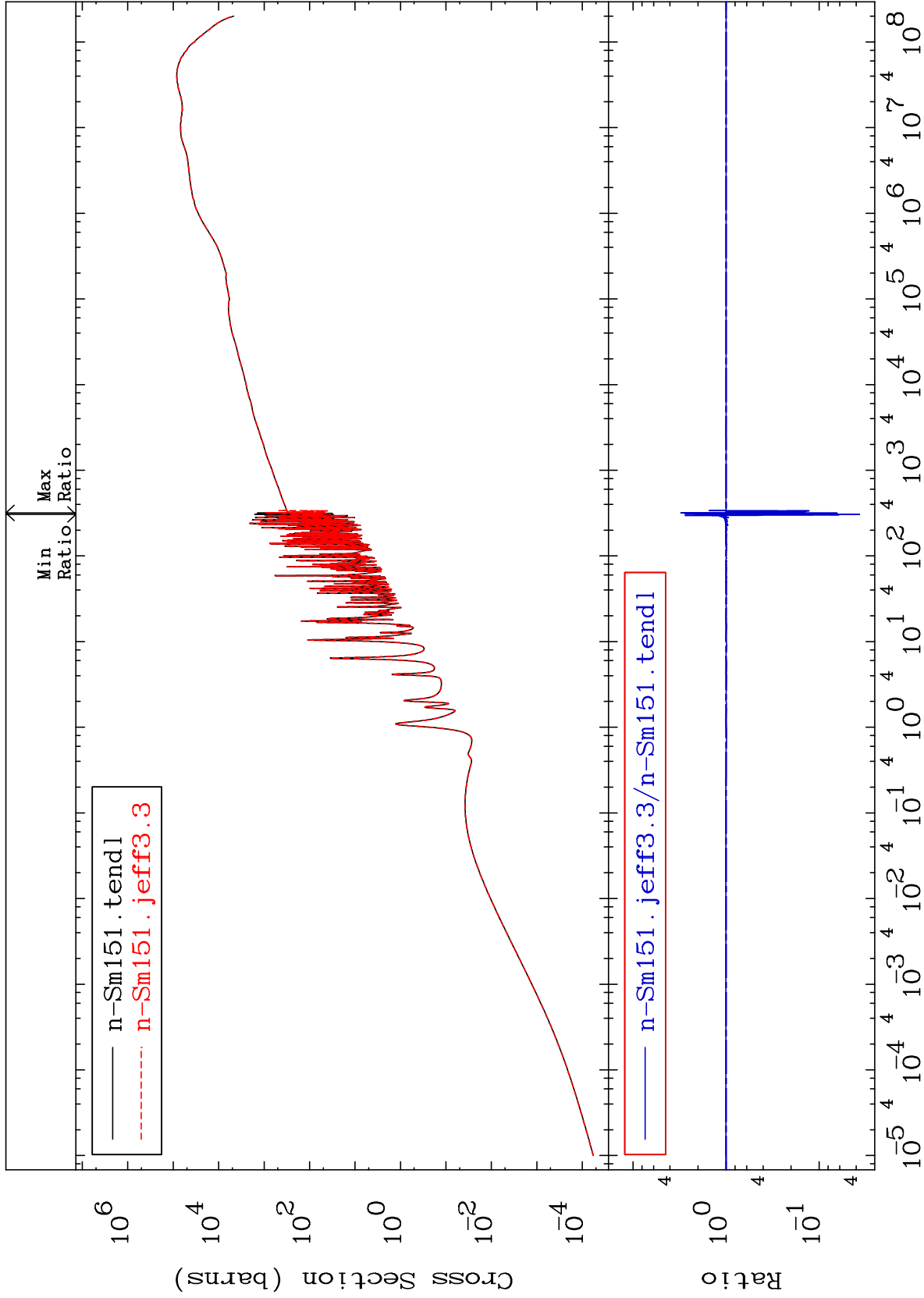




MAT 6246

Kerma elastic
Cross Section

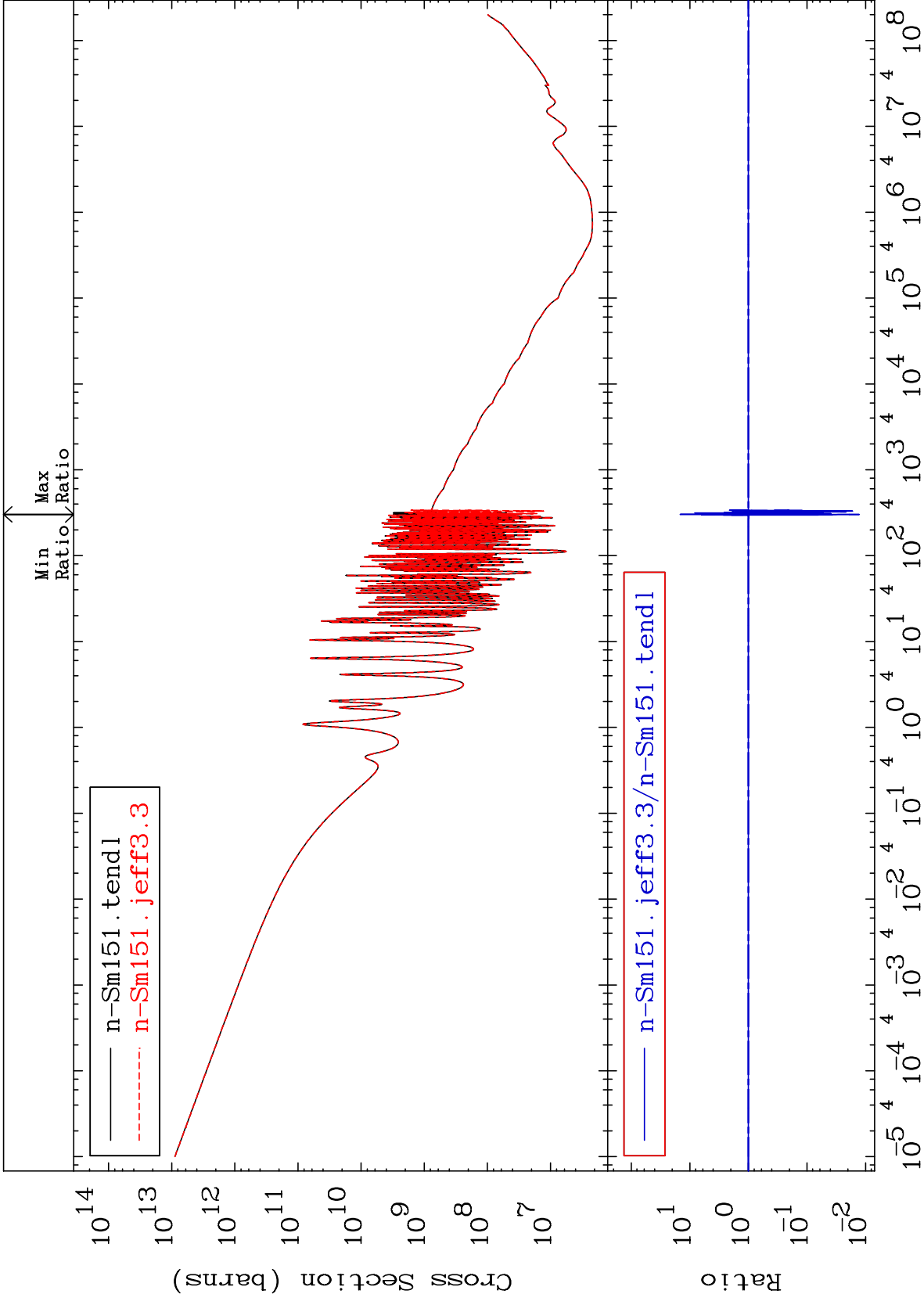
62-Sm-151
-96.32 To 206.4 %



40

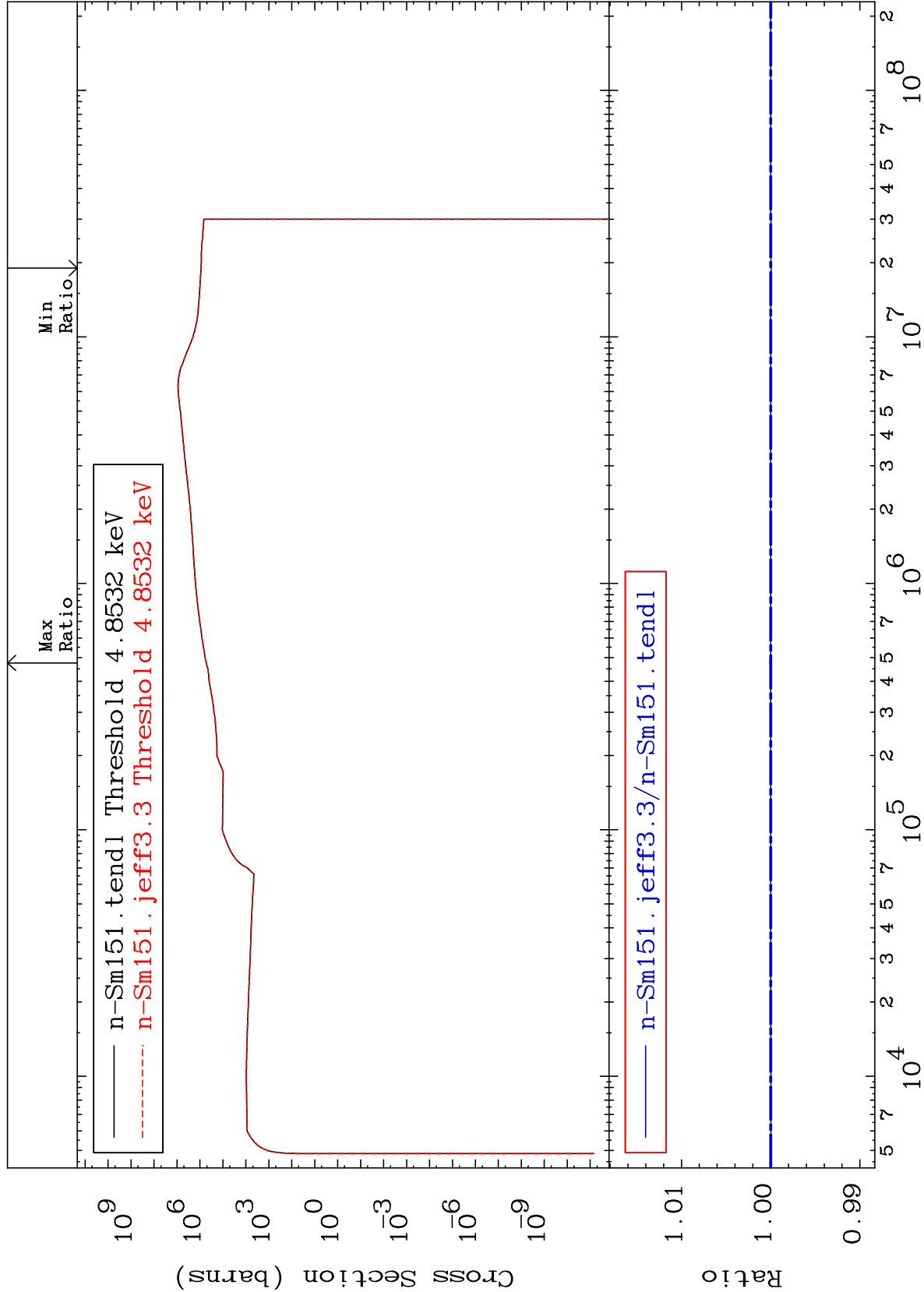
Incident Energy (eV)

62-Sm-151



-0.004 To 0.011 %

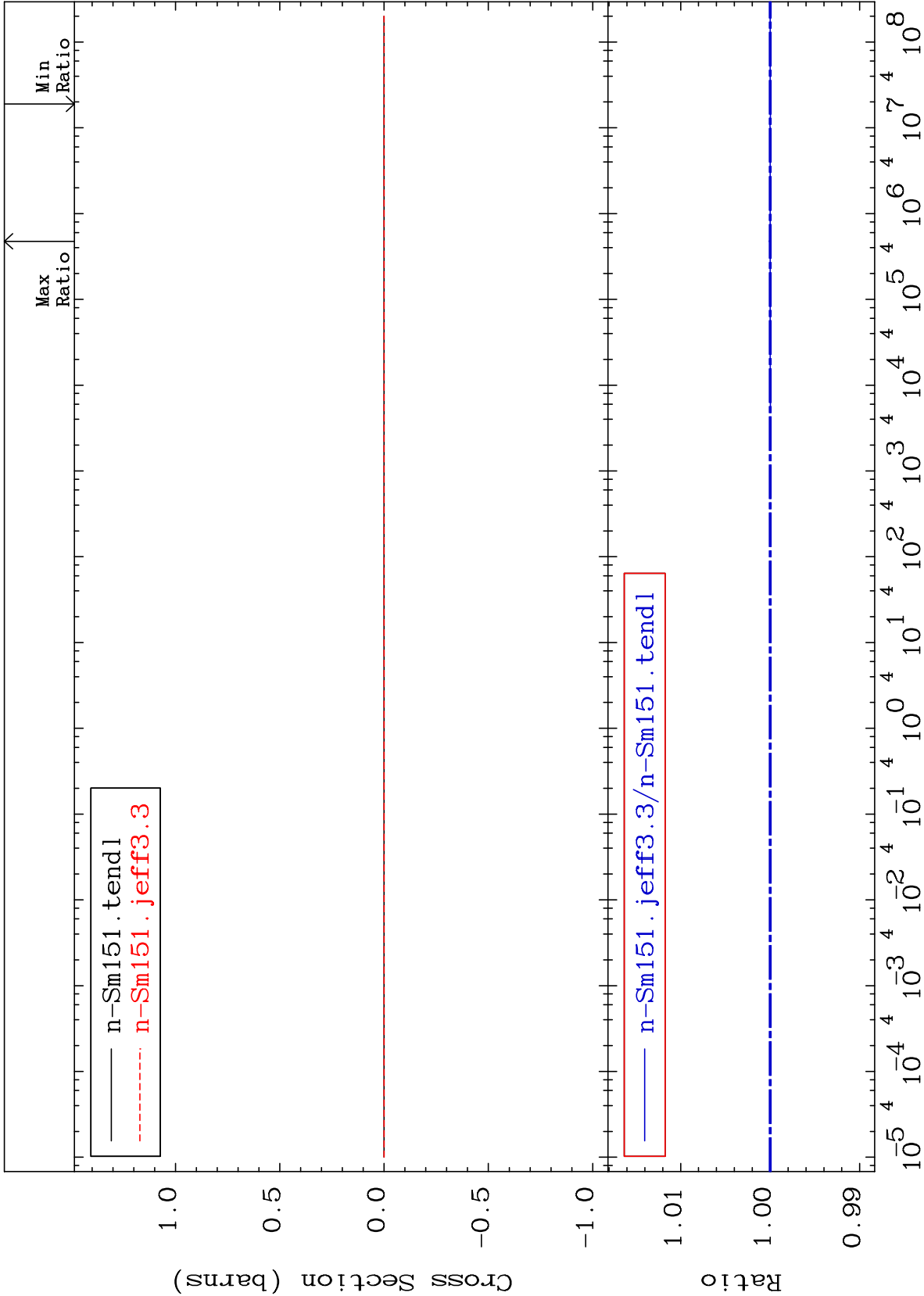
Cross Section

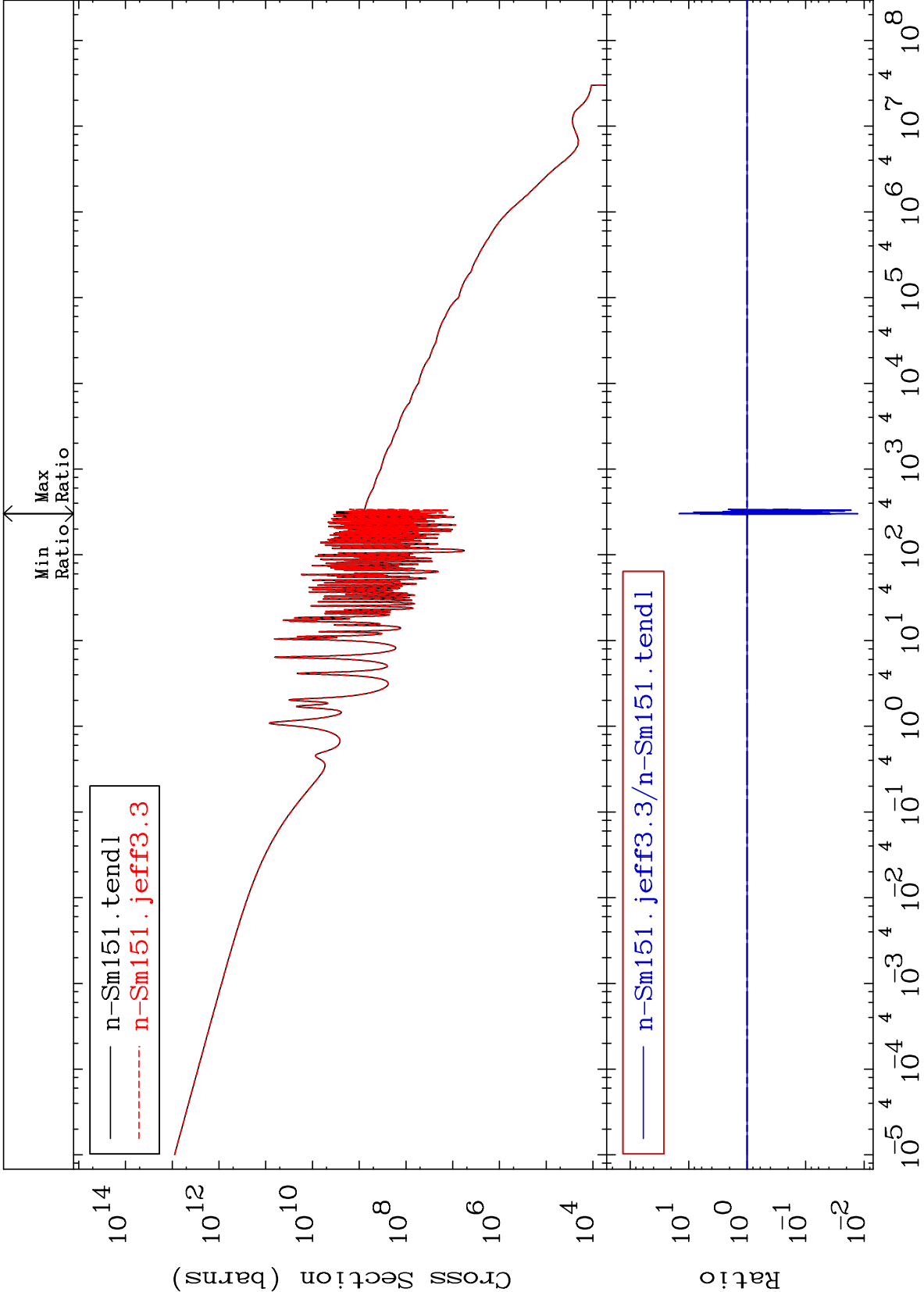


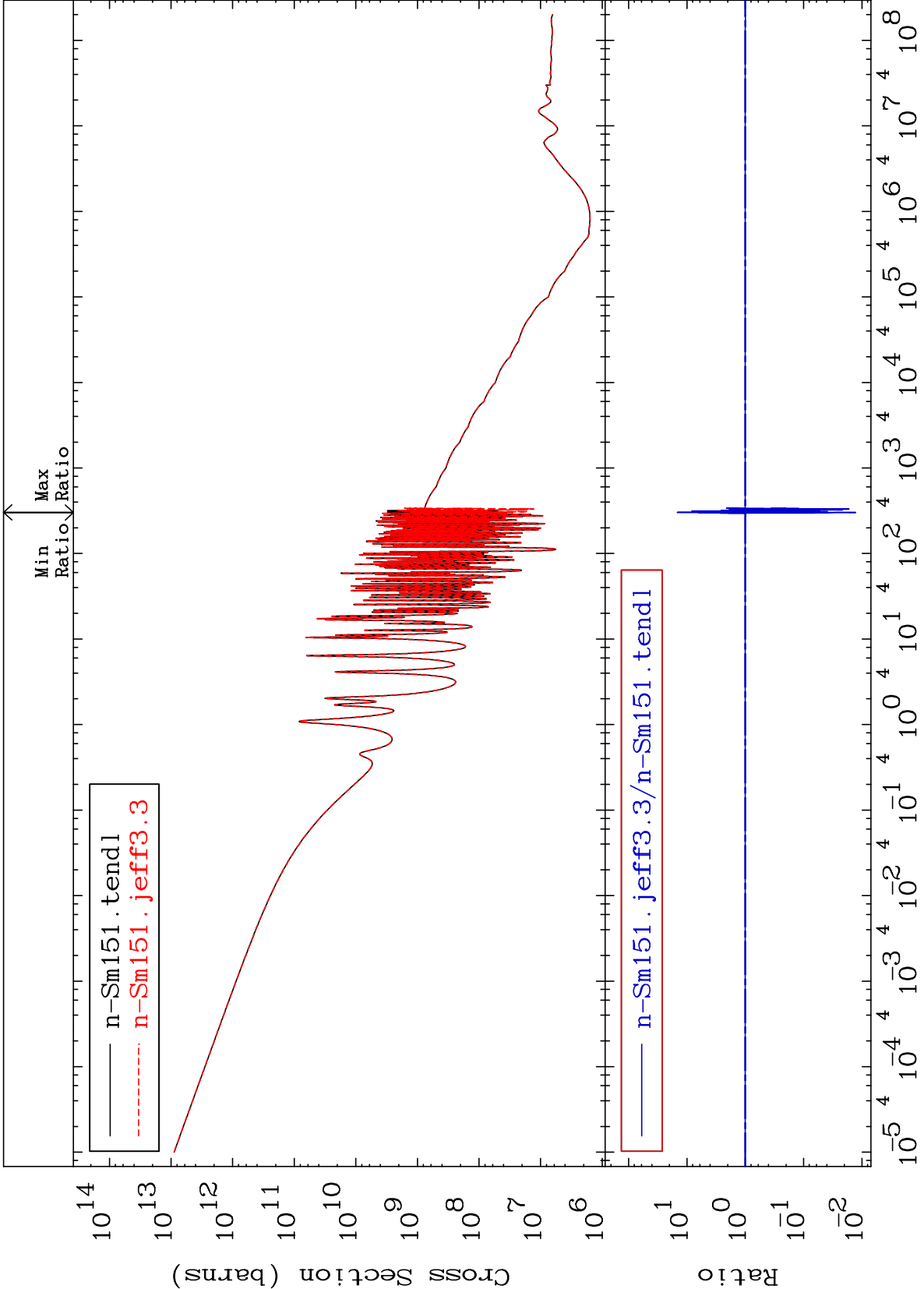
MAT 6246

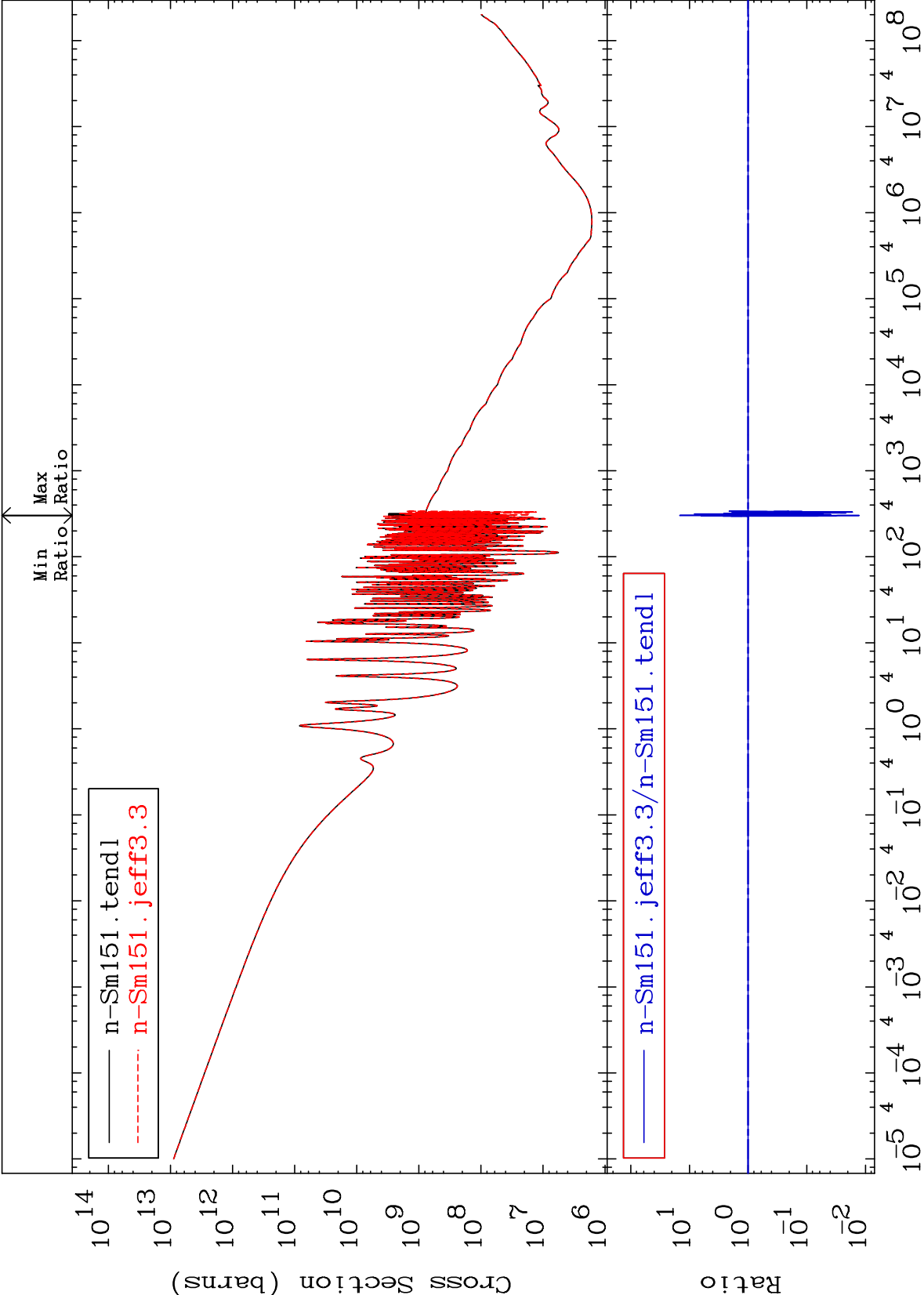
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

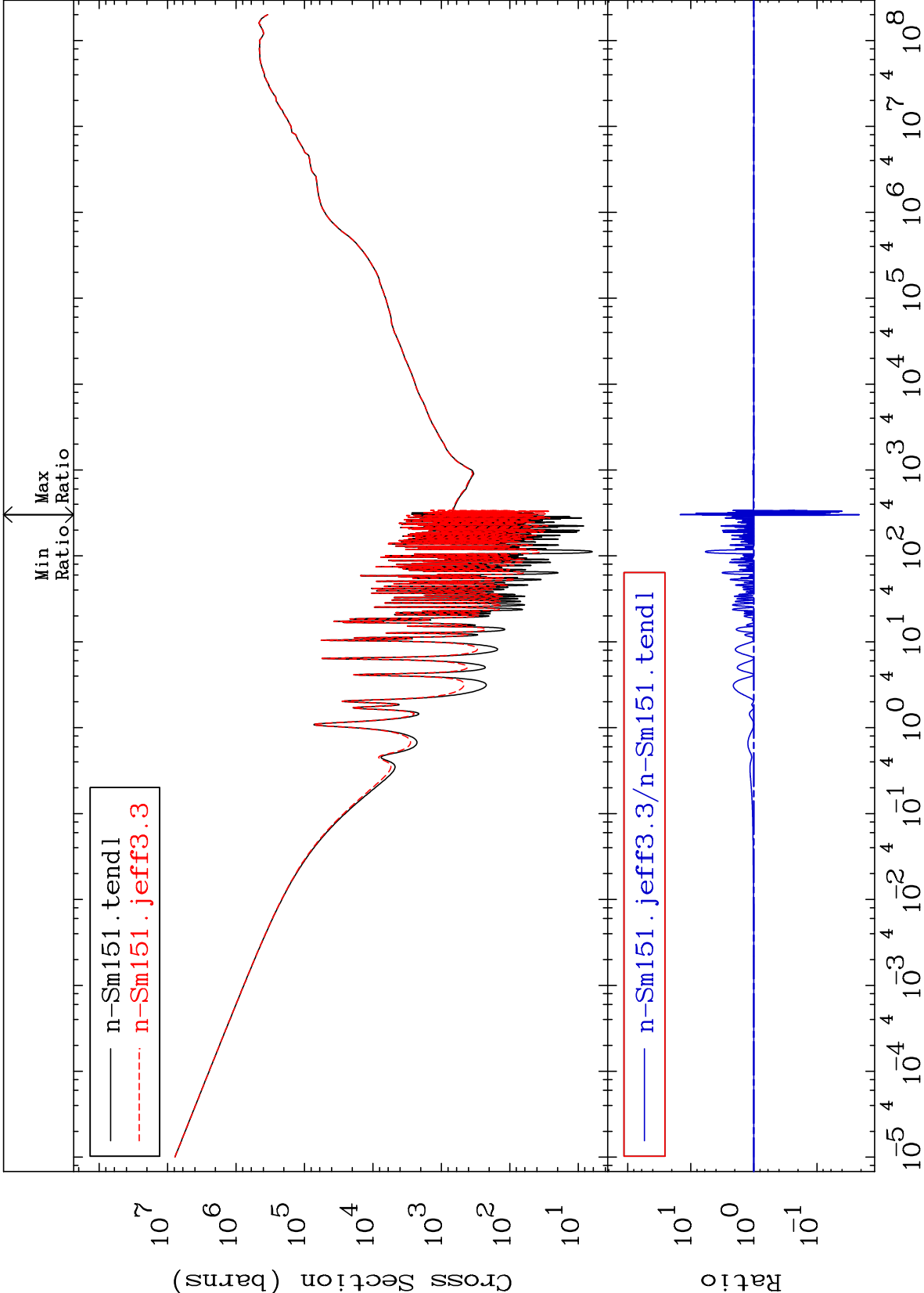
62-Sm-151
-0.004 To 0.011 %





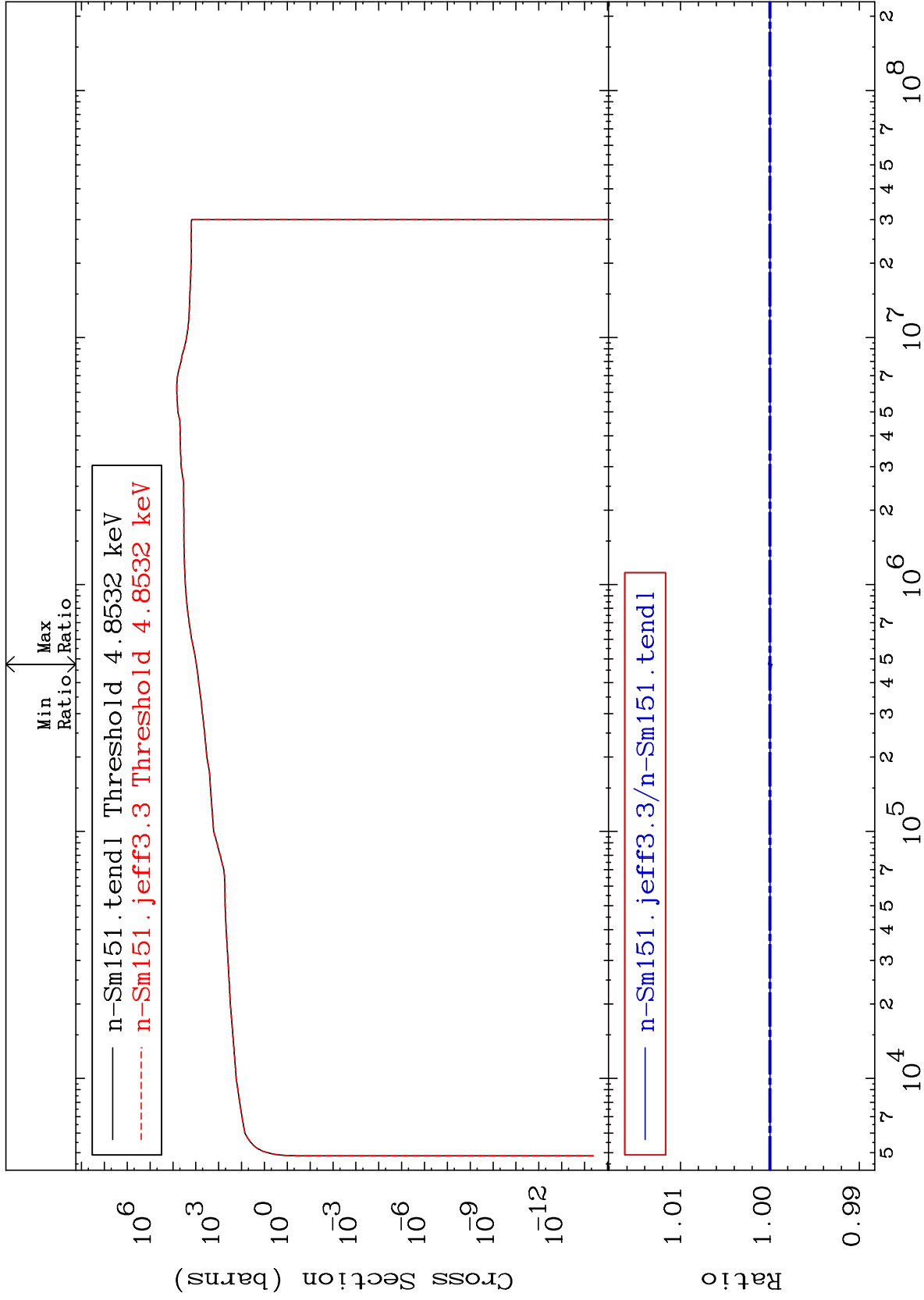


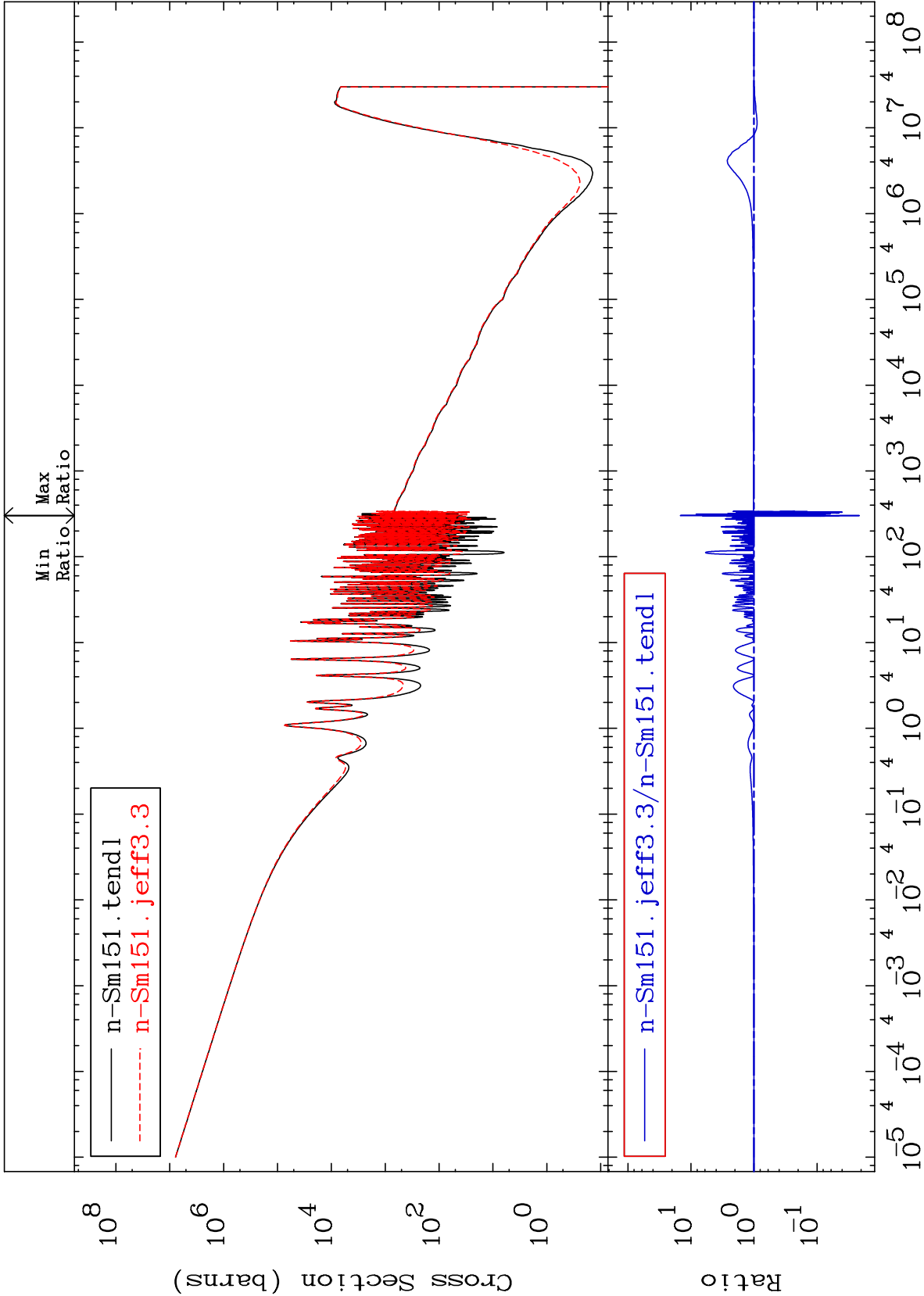


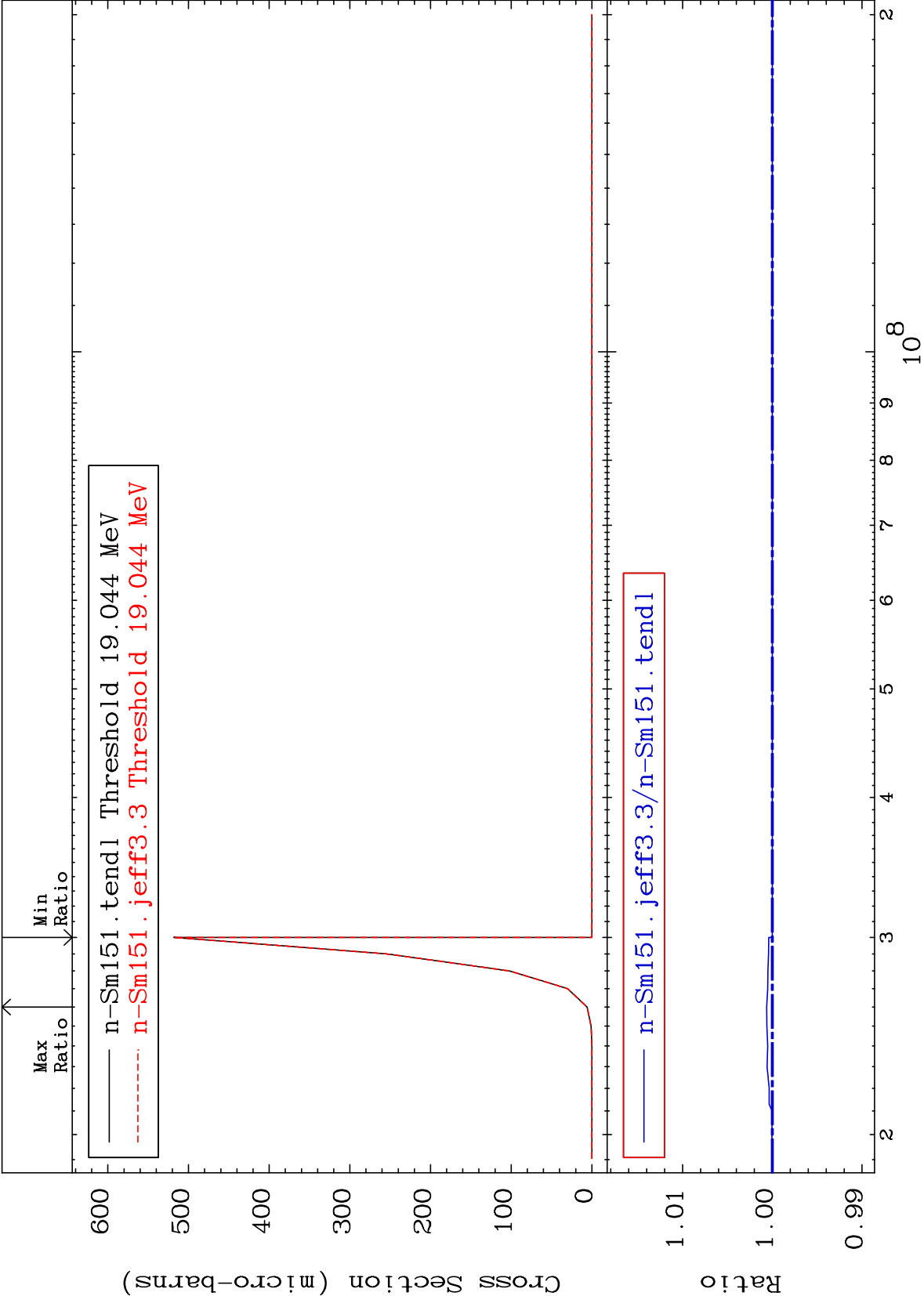


Dpa elastic (mt2)	62-Sm-151
Cross Section	-1.399 To 16.39 %









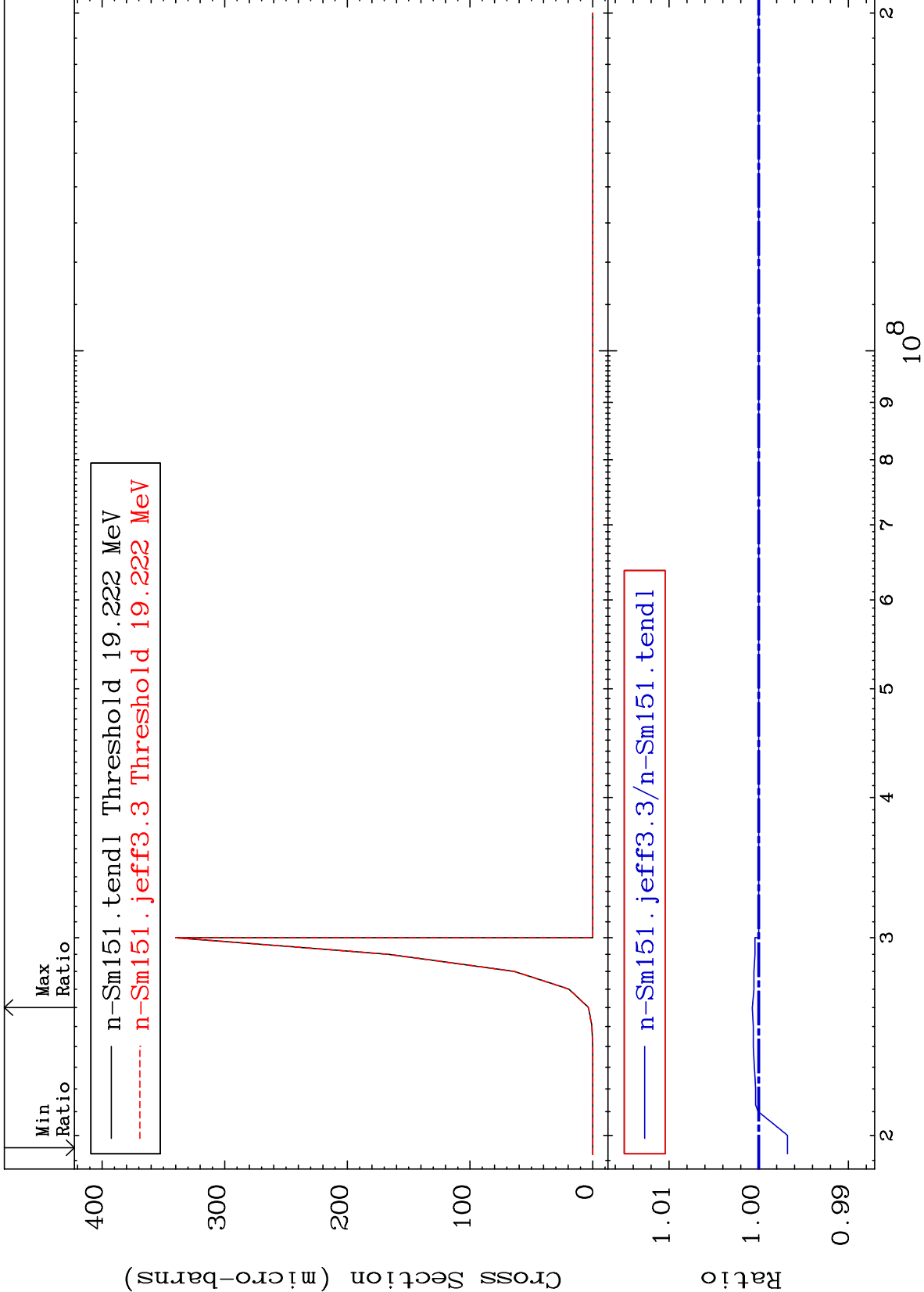
MAT 6246

(n,2n) d:61-Pm-148m3

62-Sm-151

Radionuclide Production Cross Section

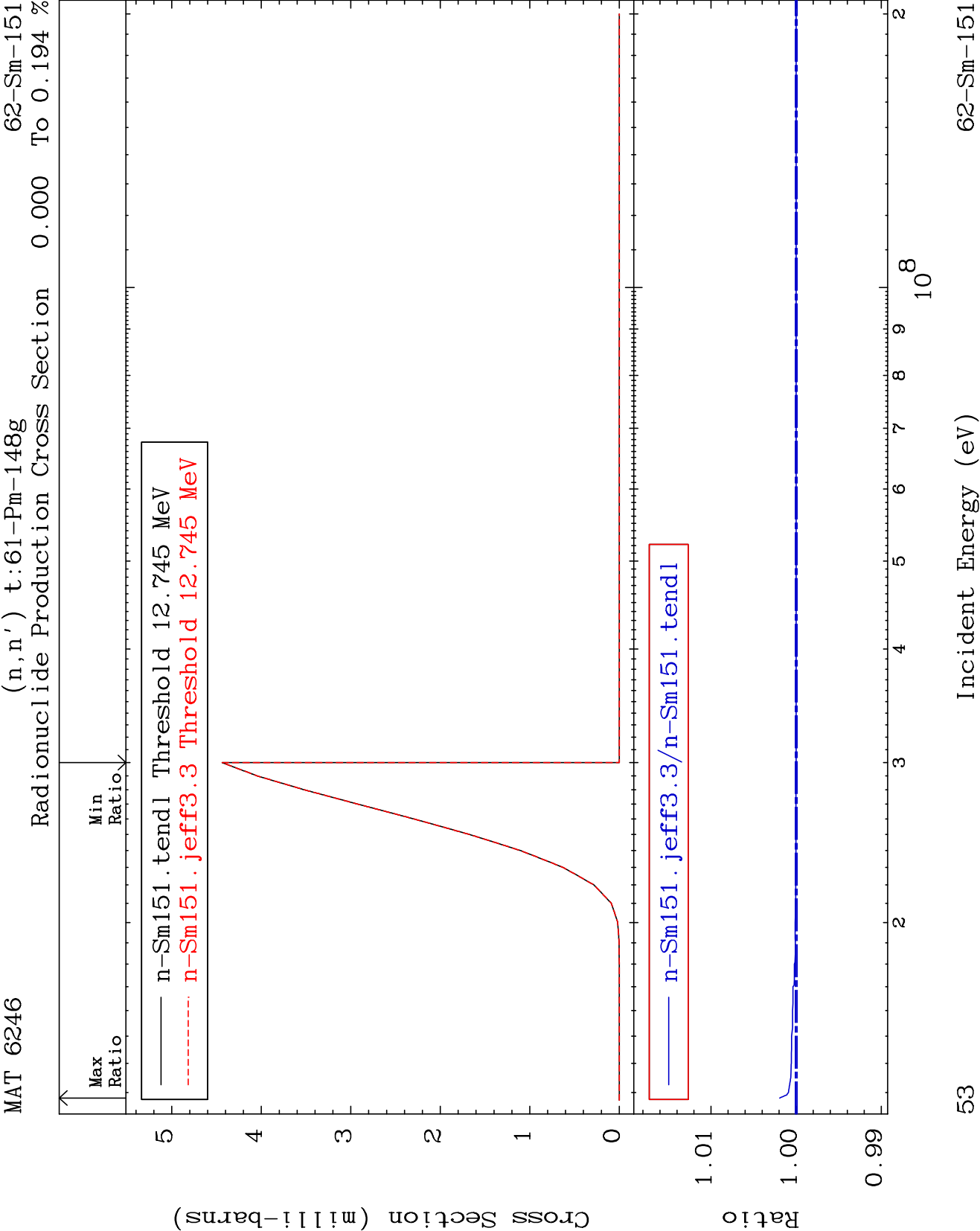
-0.321 To 0.072 %

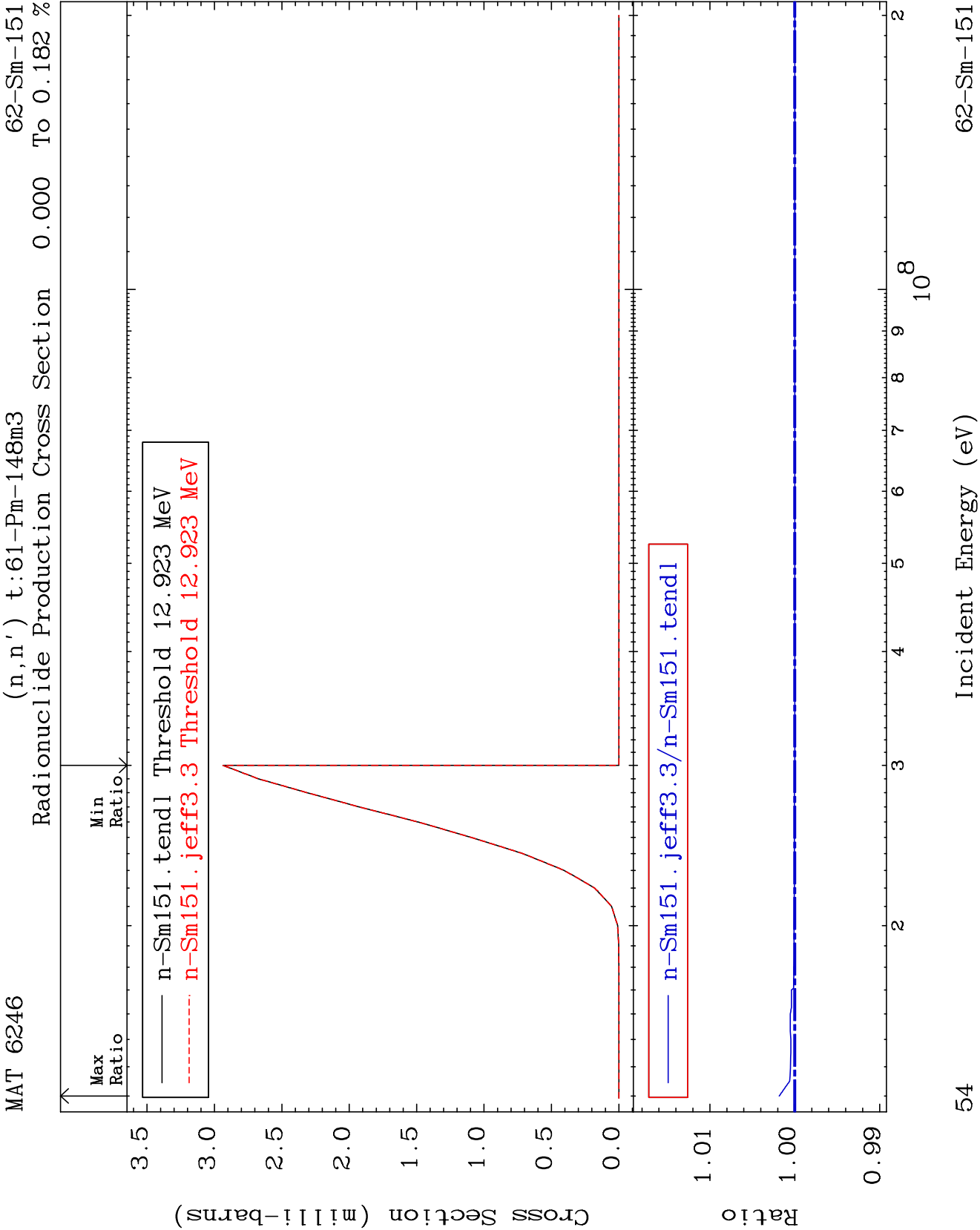


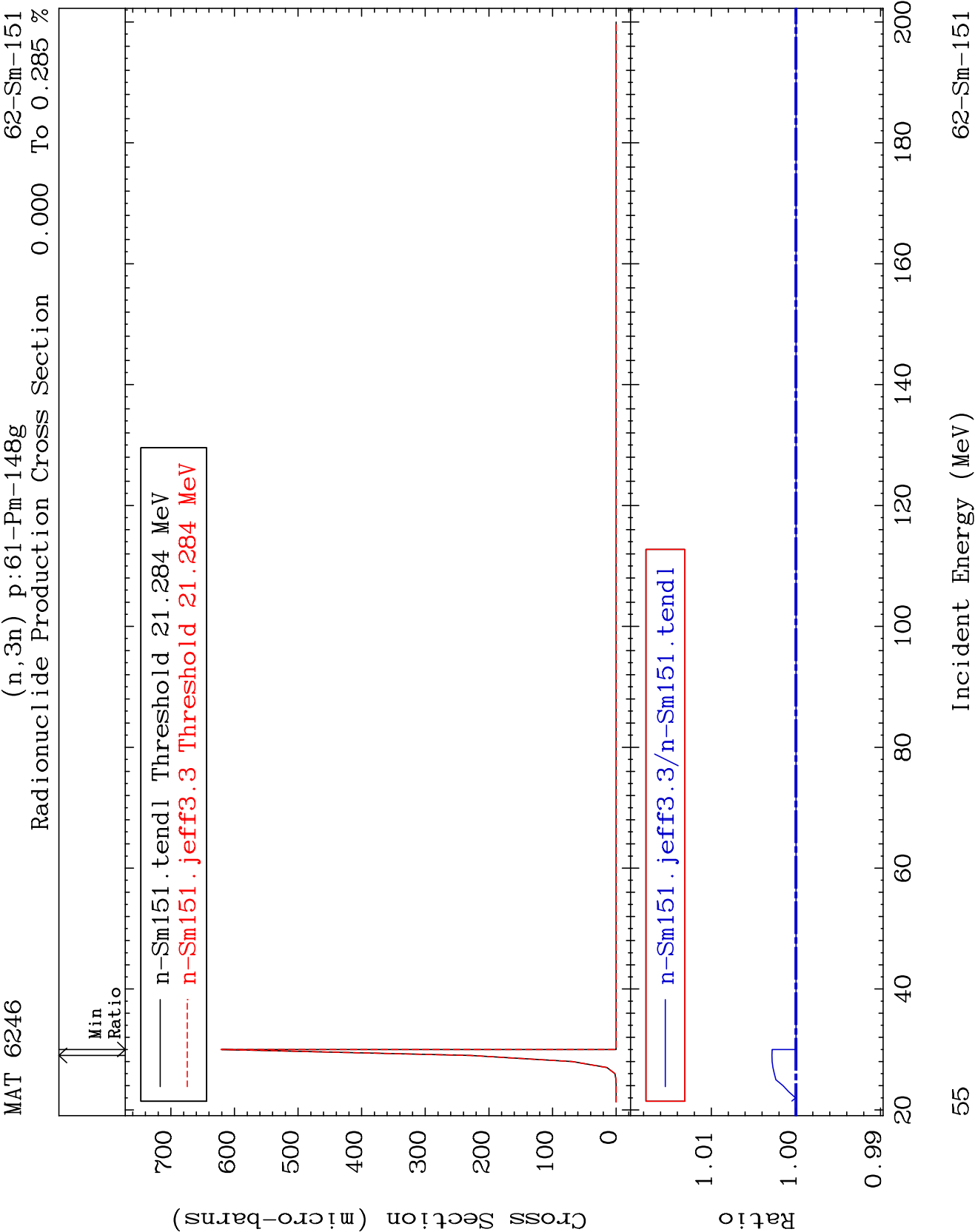
52

Incident Energy (eV)

62-Sm-151







MAT 6246

(n,3n) p:61-Pm-148m3

62-Sm-151

Radionuclide Production Cross Section

0.000

To 0.287 %

