

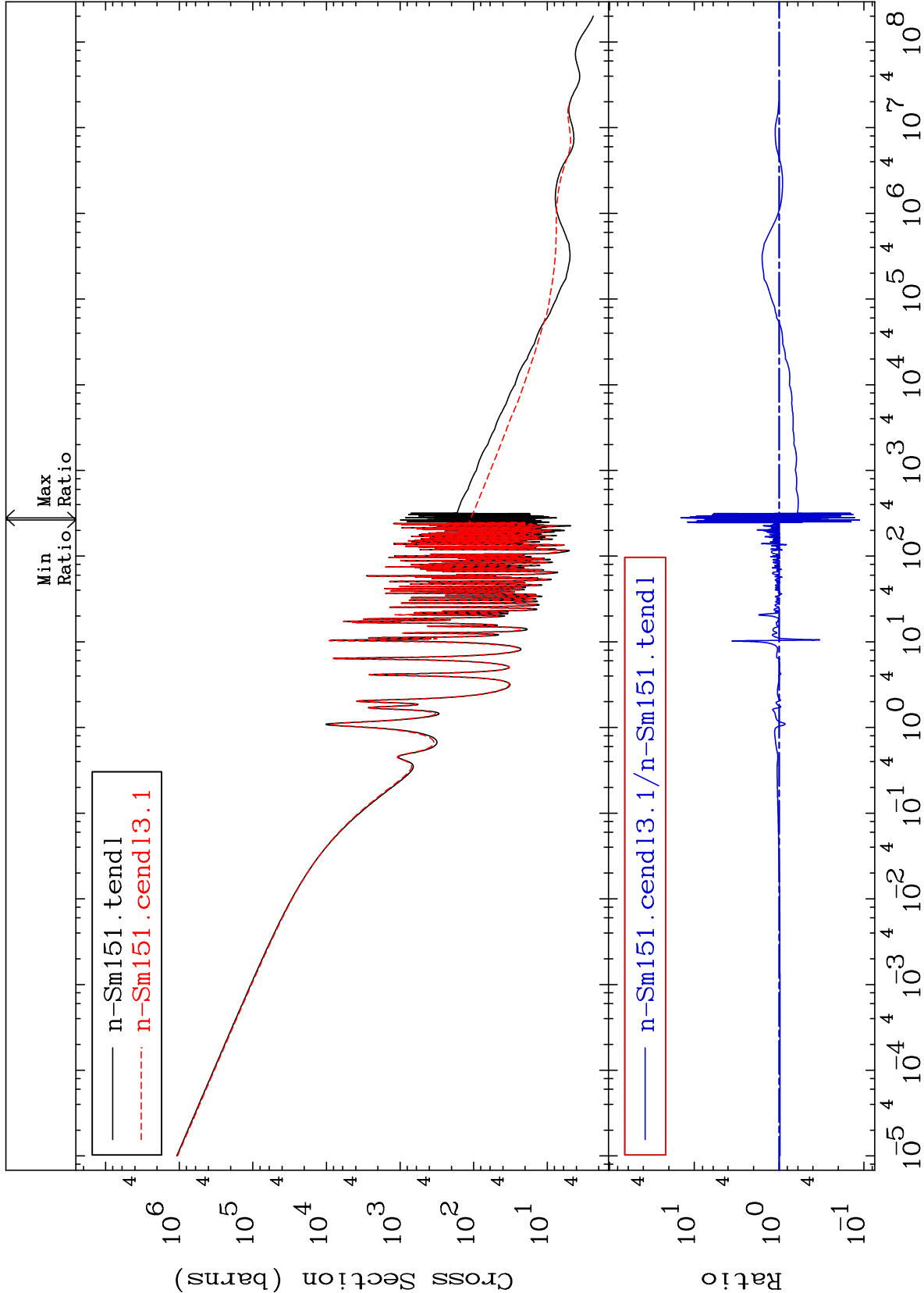
MAT 6246

Total

62-Sm-151

Cross Section

-88.74 To 1344. %



Incident Energy (eV)

62-Sm-151

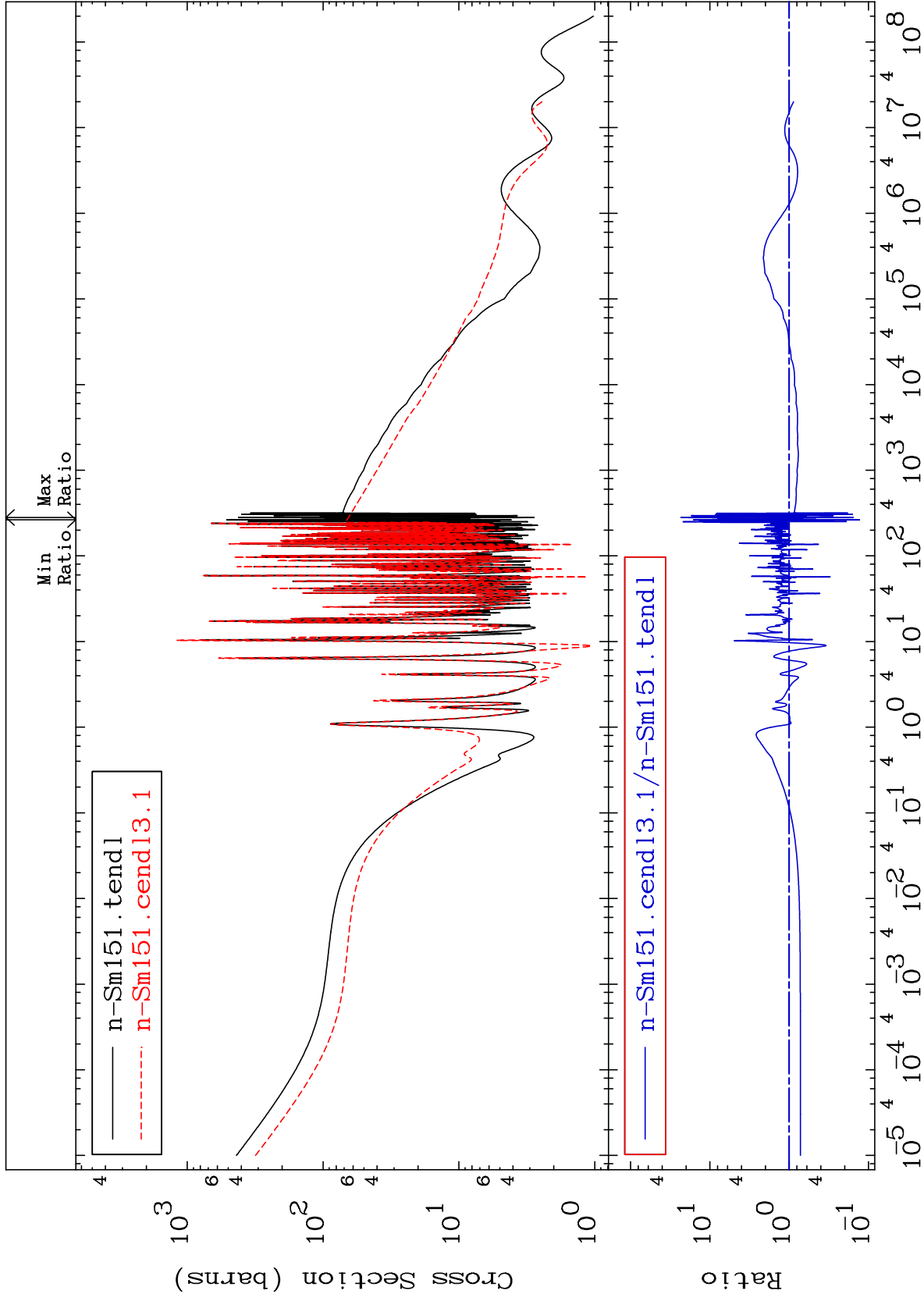
MAT 6246

Elastic

62-Sm-151

Cross Section

-87.01 To 2232. %



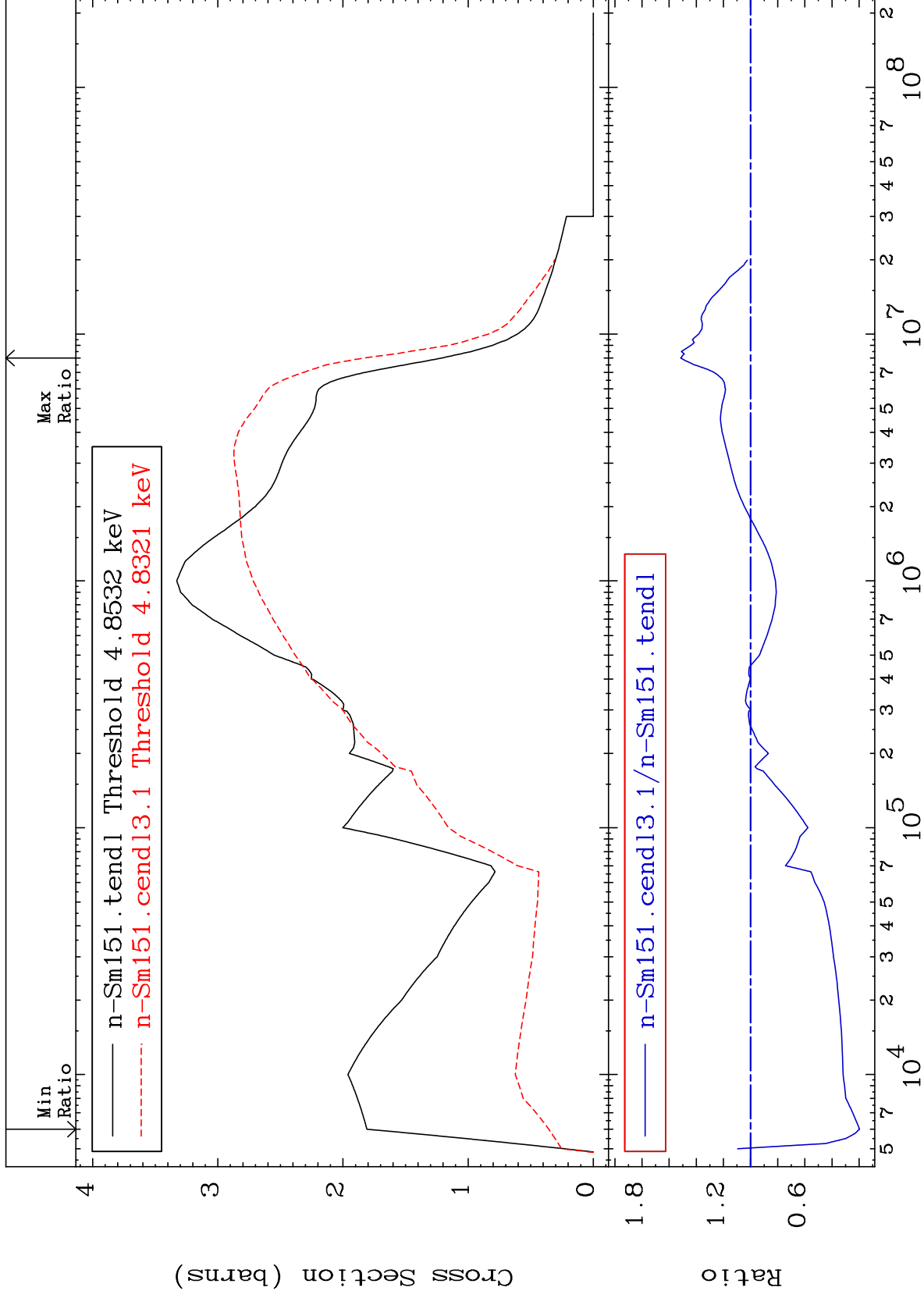
Incident Energy (eV)

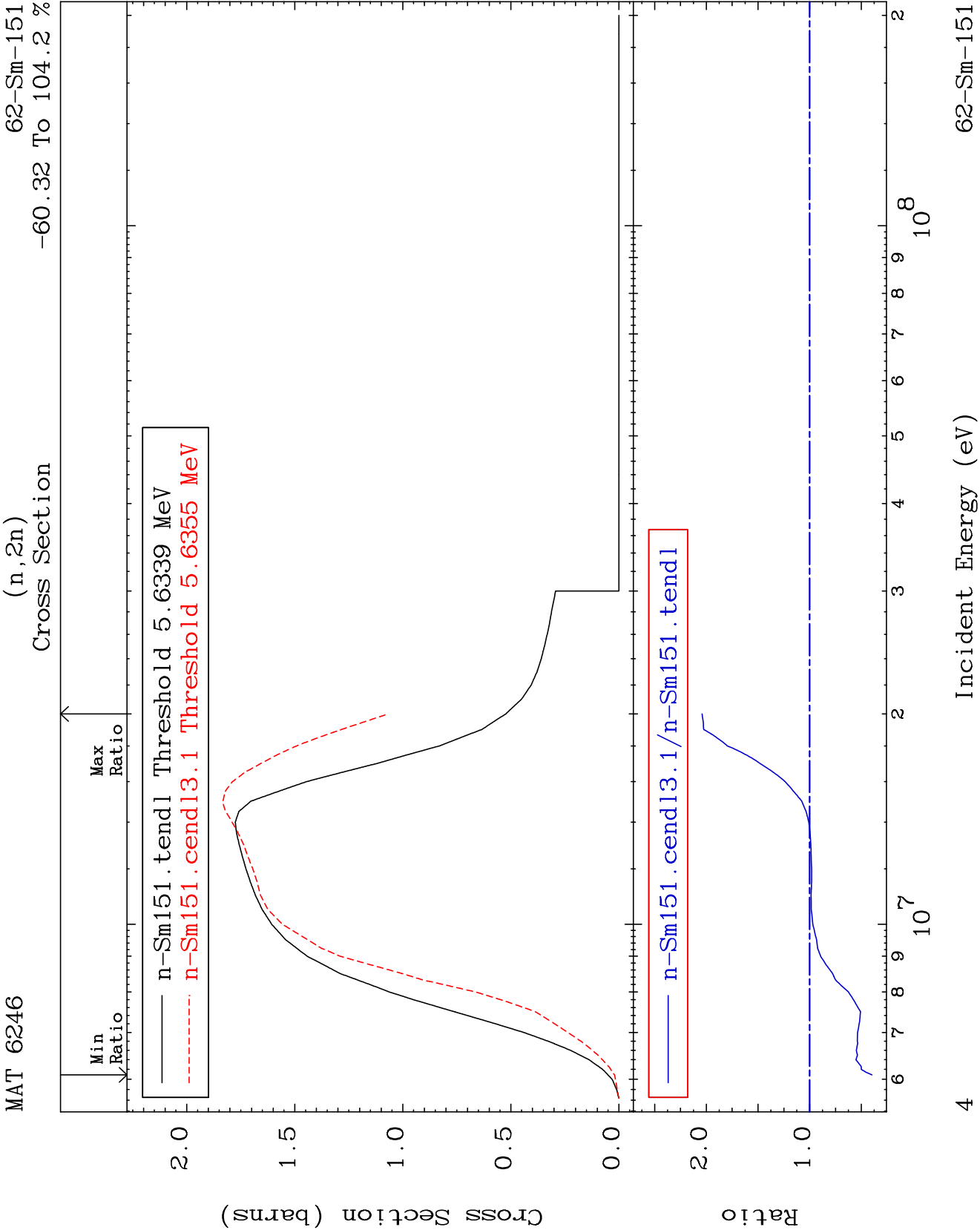
62-Sm-151

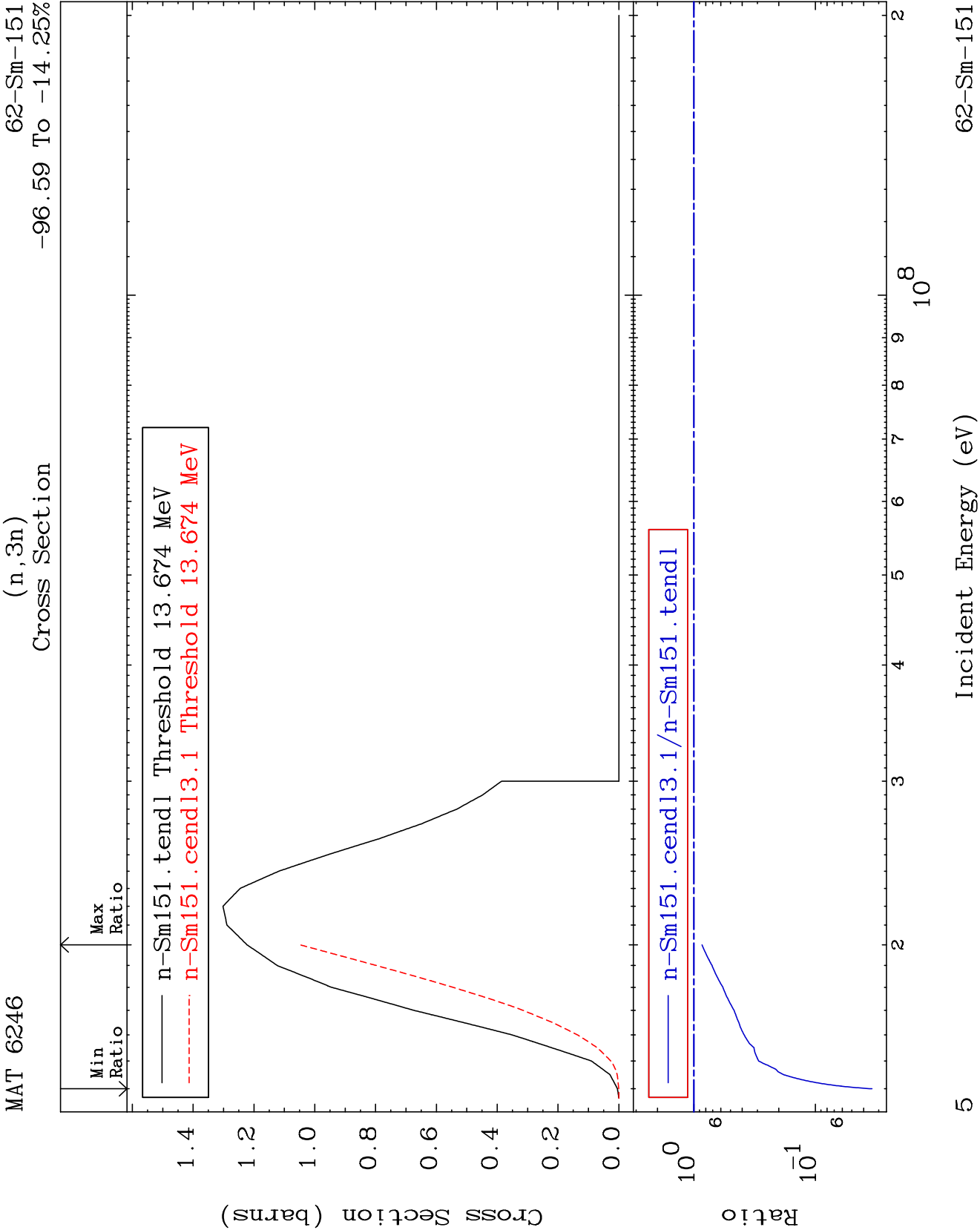
MAT 6246

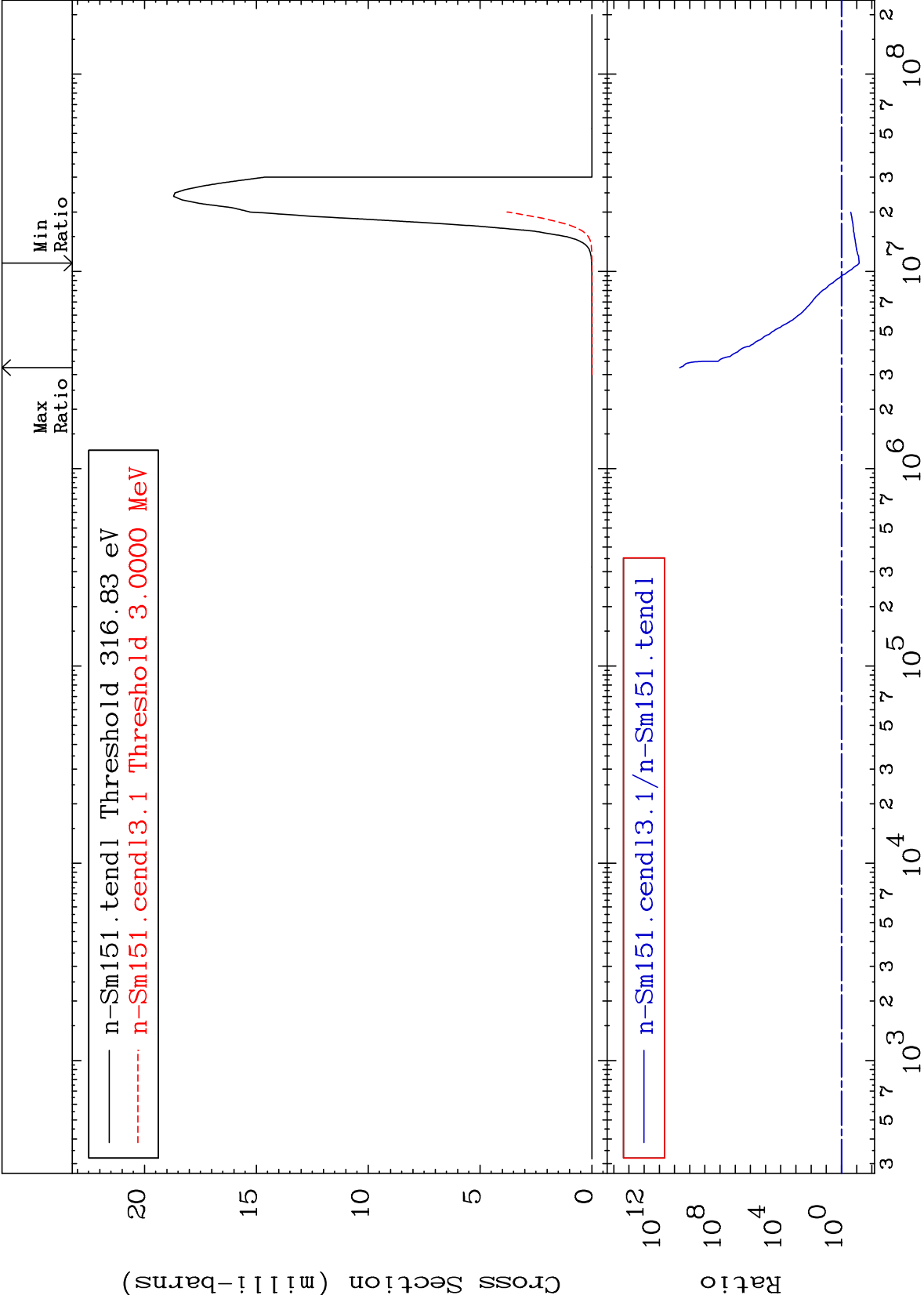
Inelastic
Cross Section

62-Sm-151
-80.33 To 51.44 %





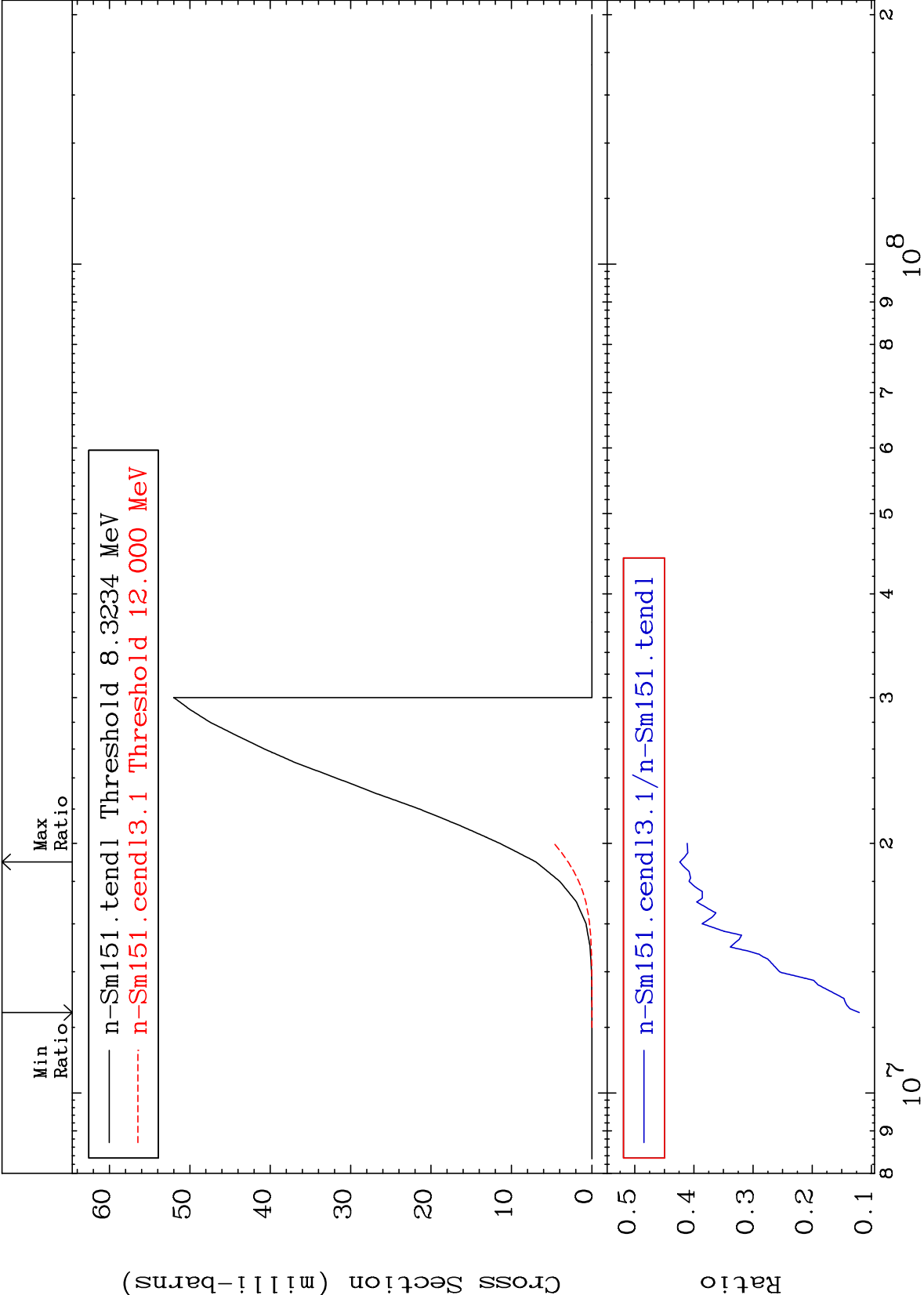




MAT 6246

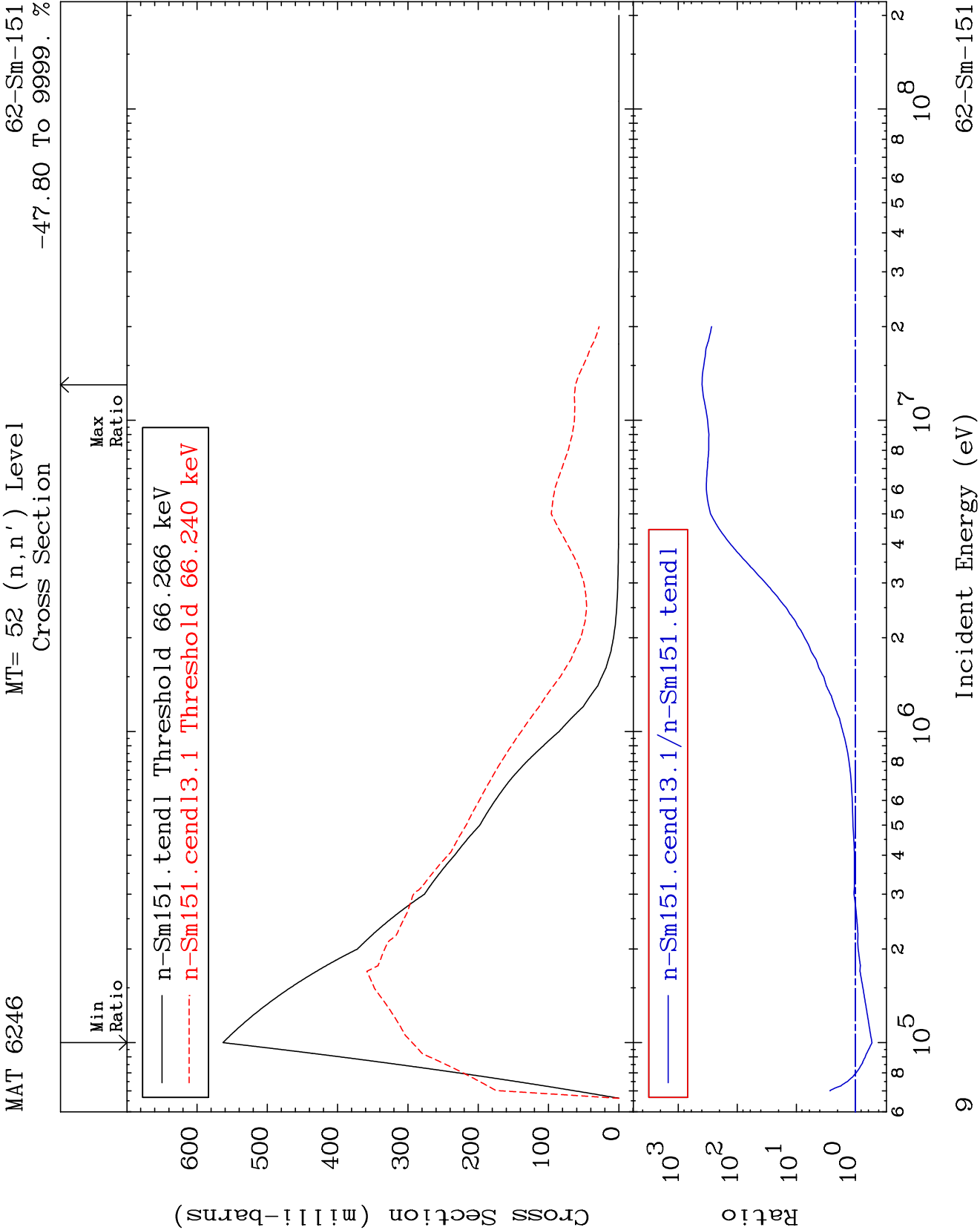
(n,n') p
Cross Section

62-Sm-151
-87.97 To -57.60%



Incident Energy (eV)

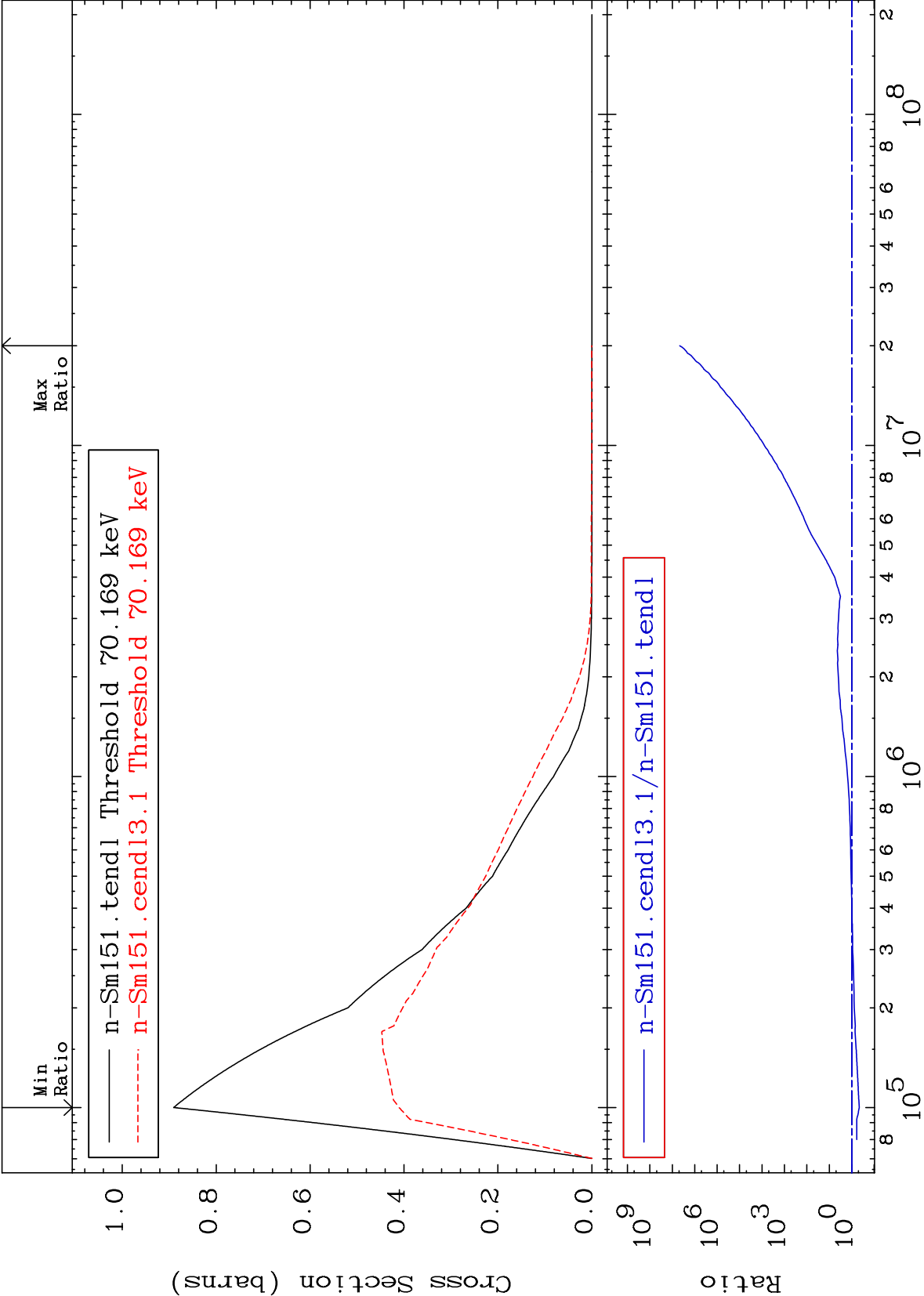
62-Sm-151

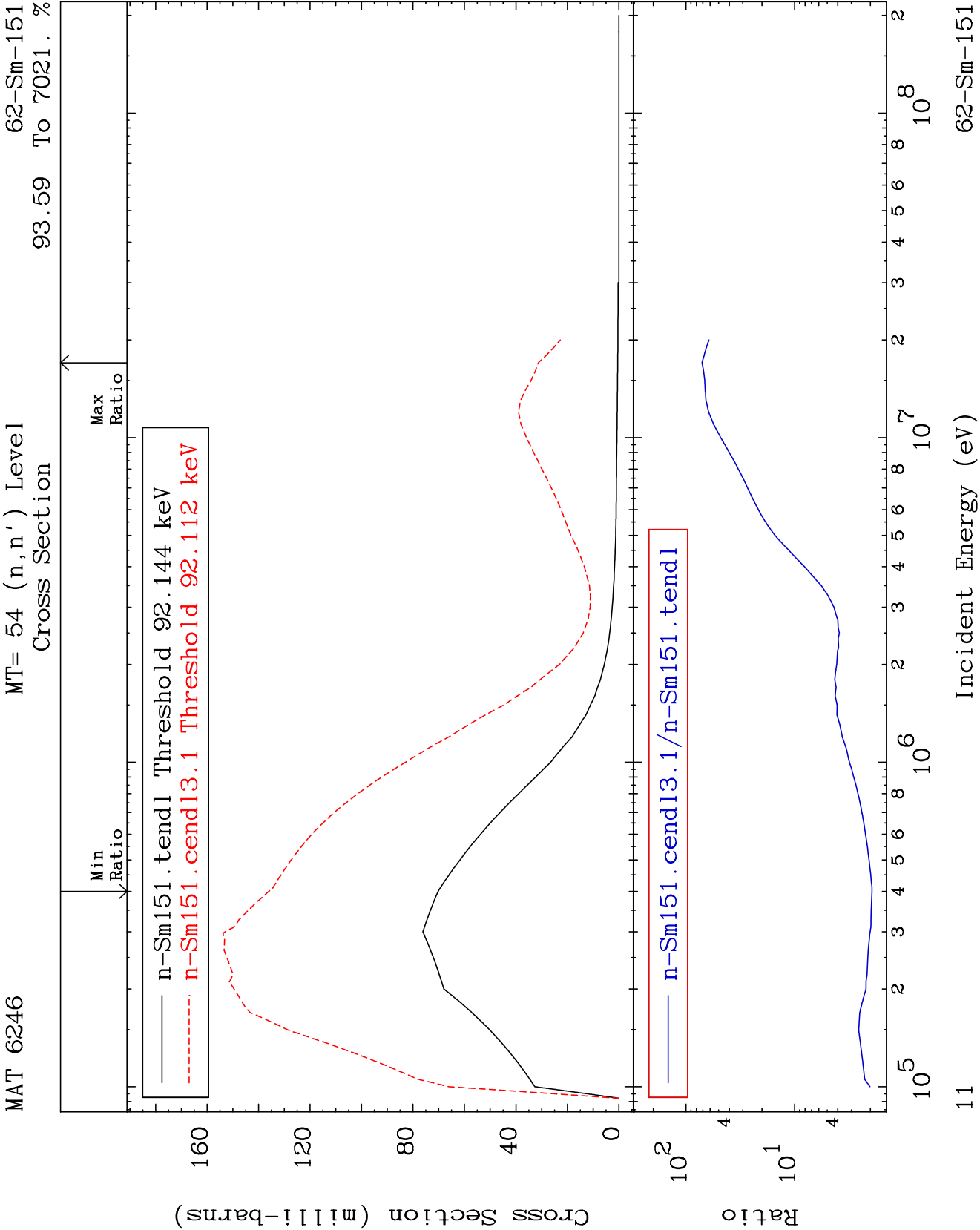


MAT 6246

MT= 53 (n,n') Level
Cross Section

62-Sm-151
-53.91 To 9999. %

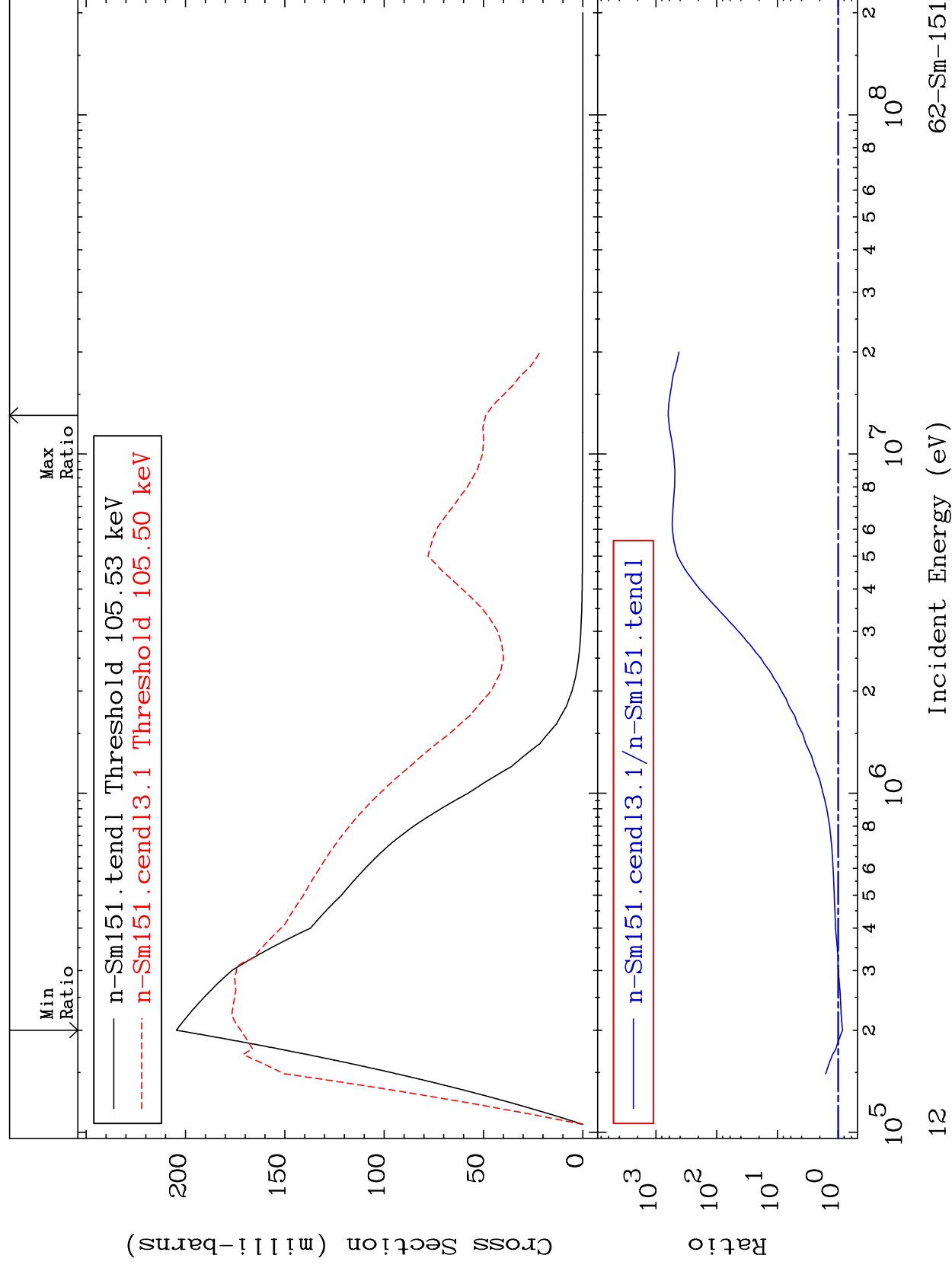


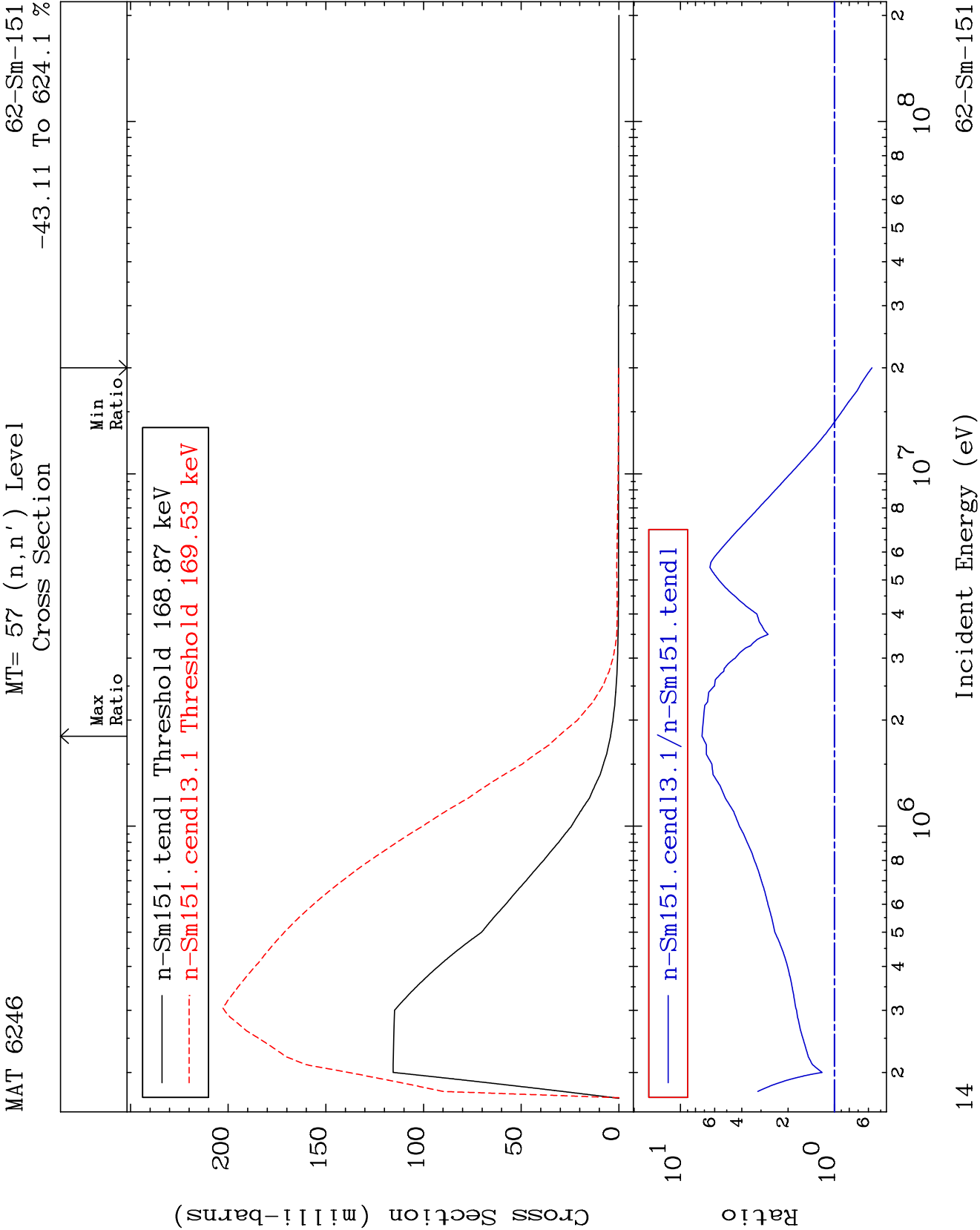


MAT 6246

MT= 55 (n, n') Level
Cross Section

62-Sm-151
-15.84 To 9999. %

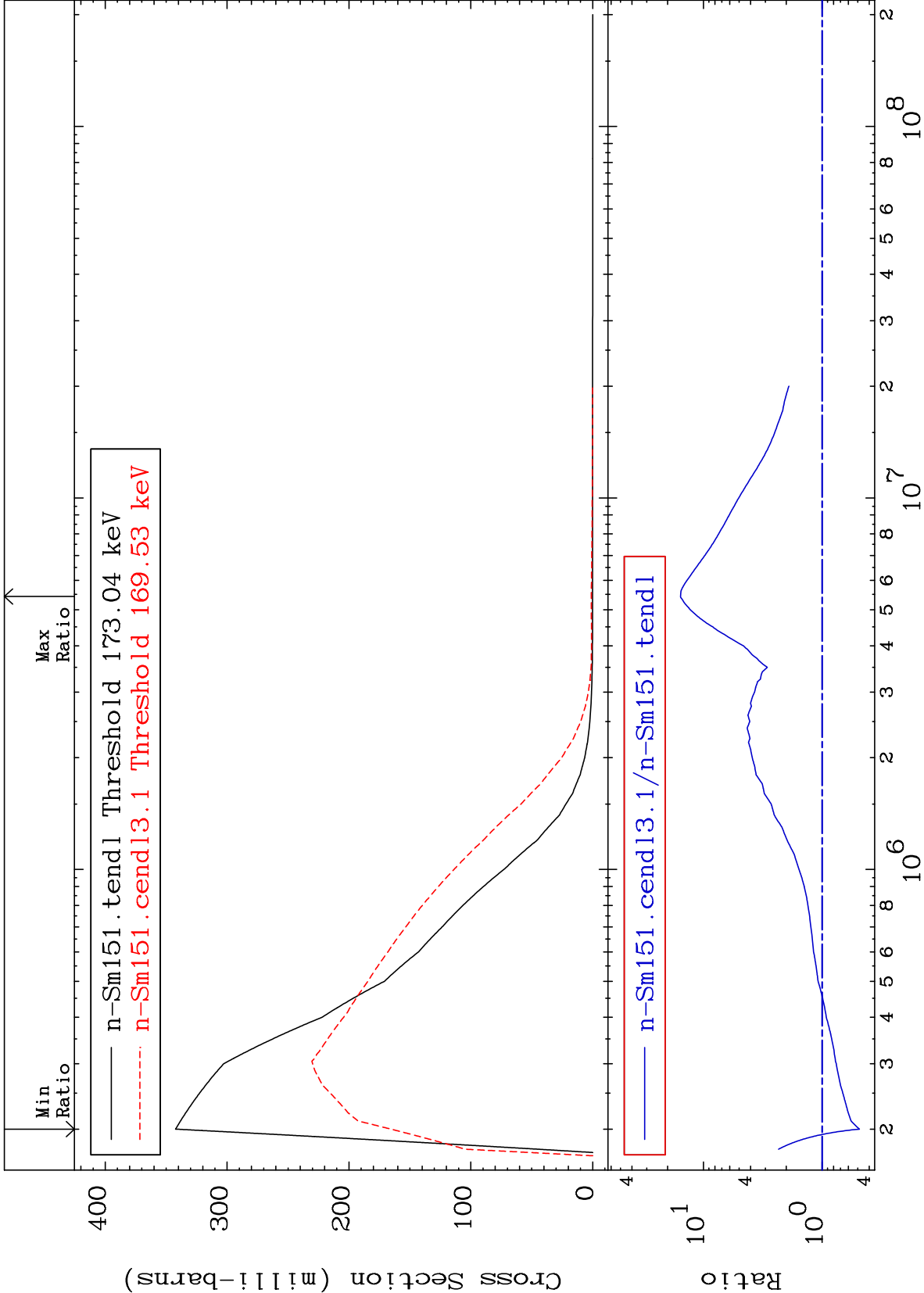




MAT 6246

MT= 58 (n,n') Level
Cross Section

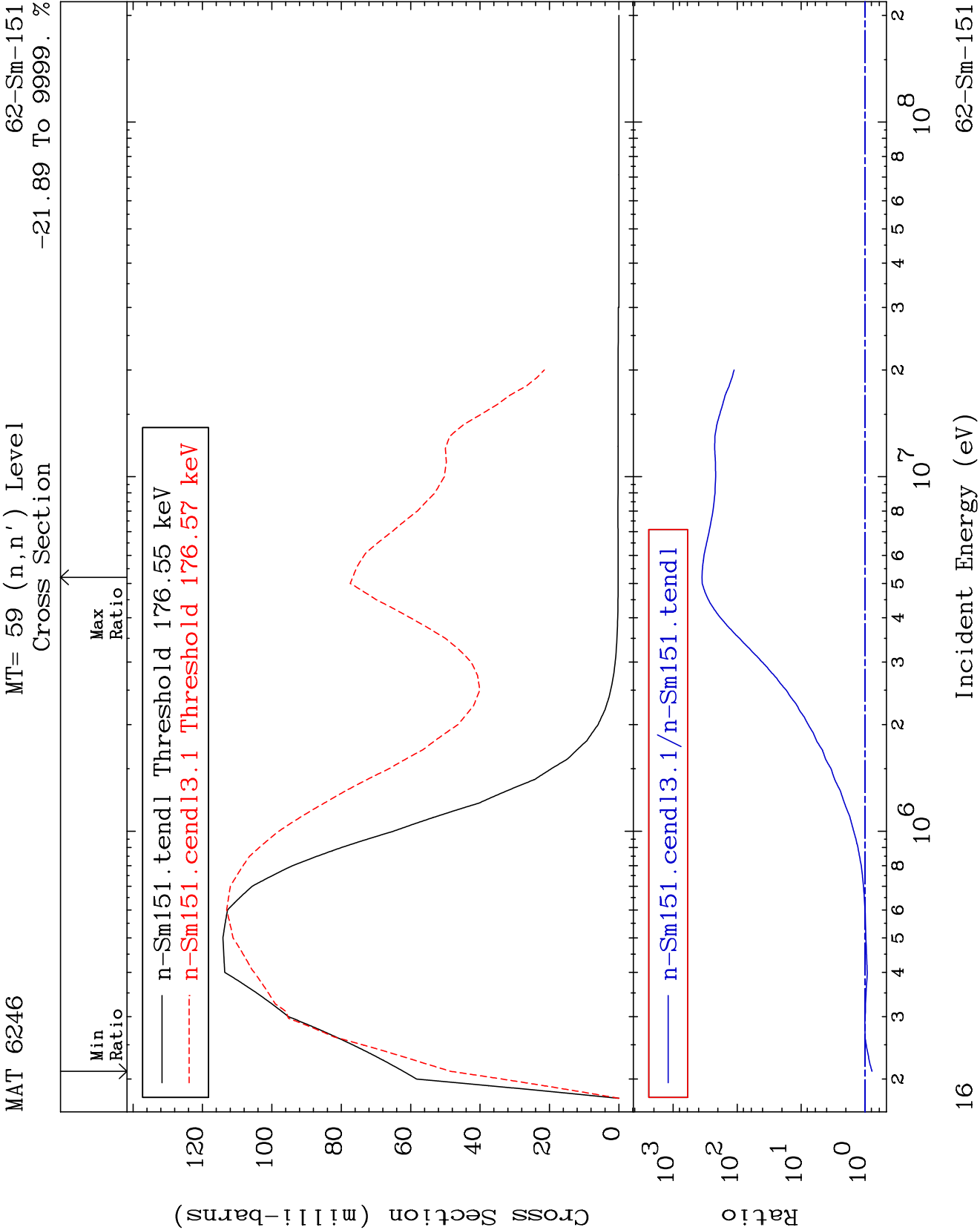
62-Sm-151
-51.64 To 1464. %

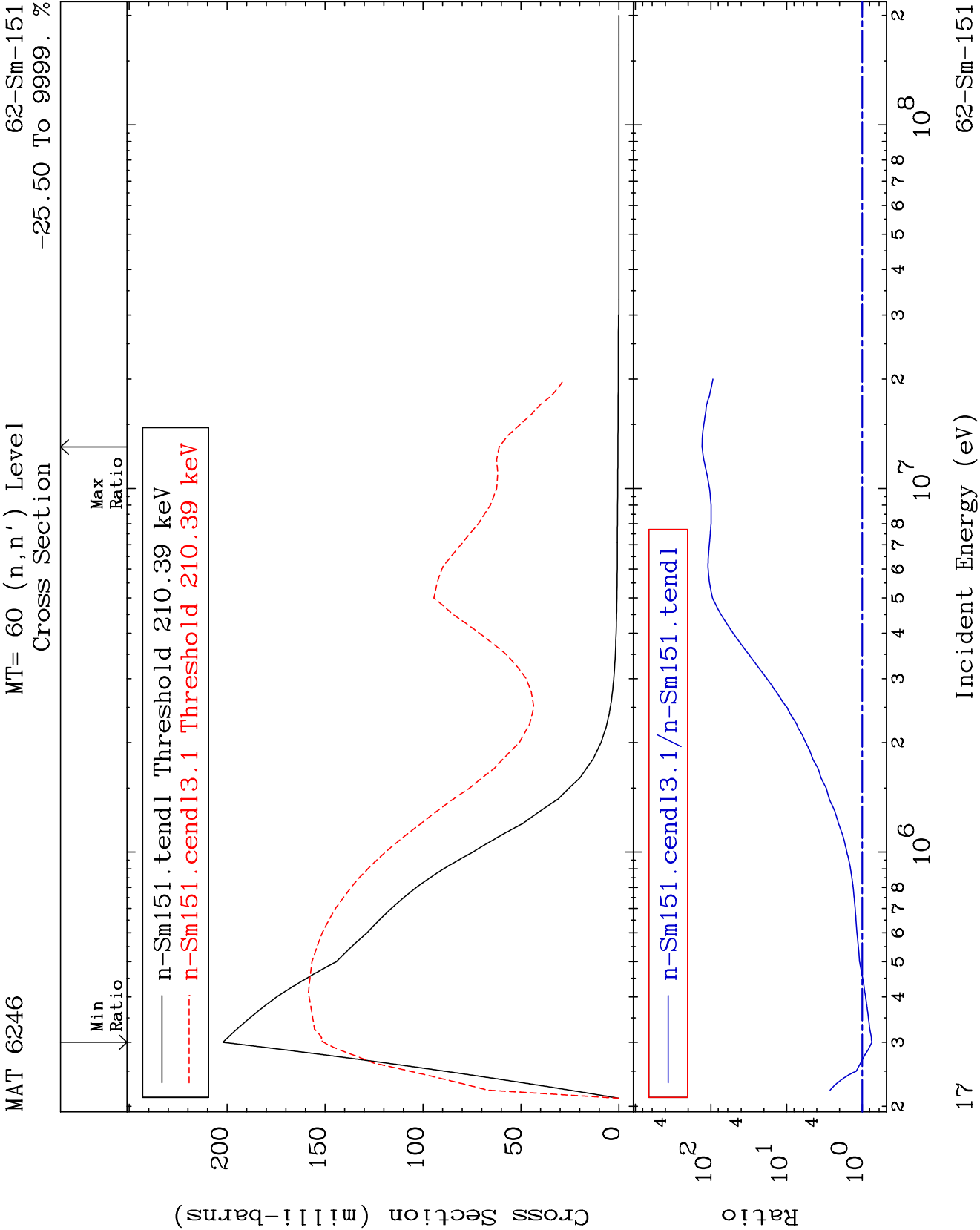


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Incident Energy (eV)

62-Sm-151

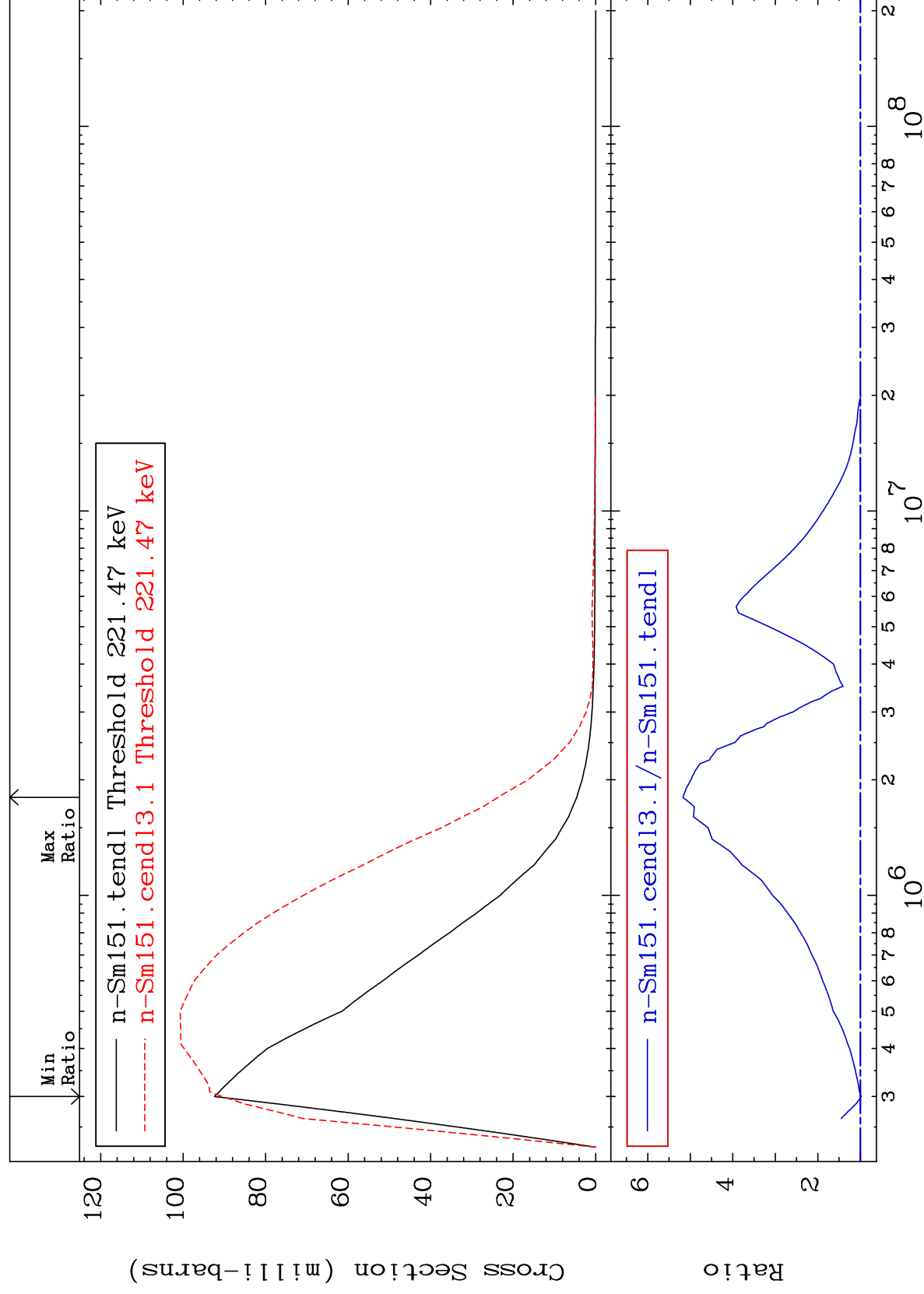


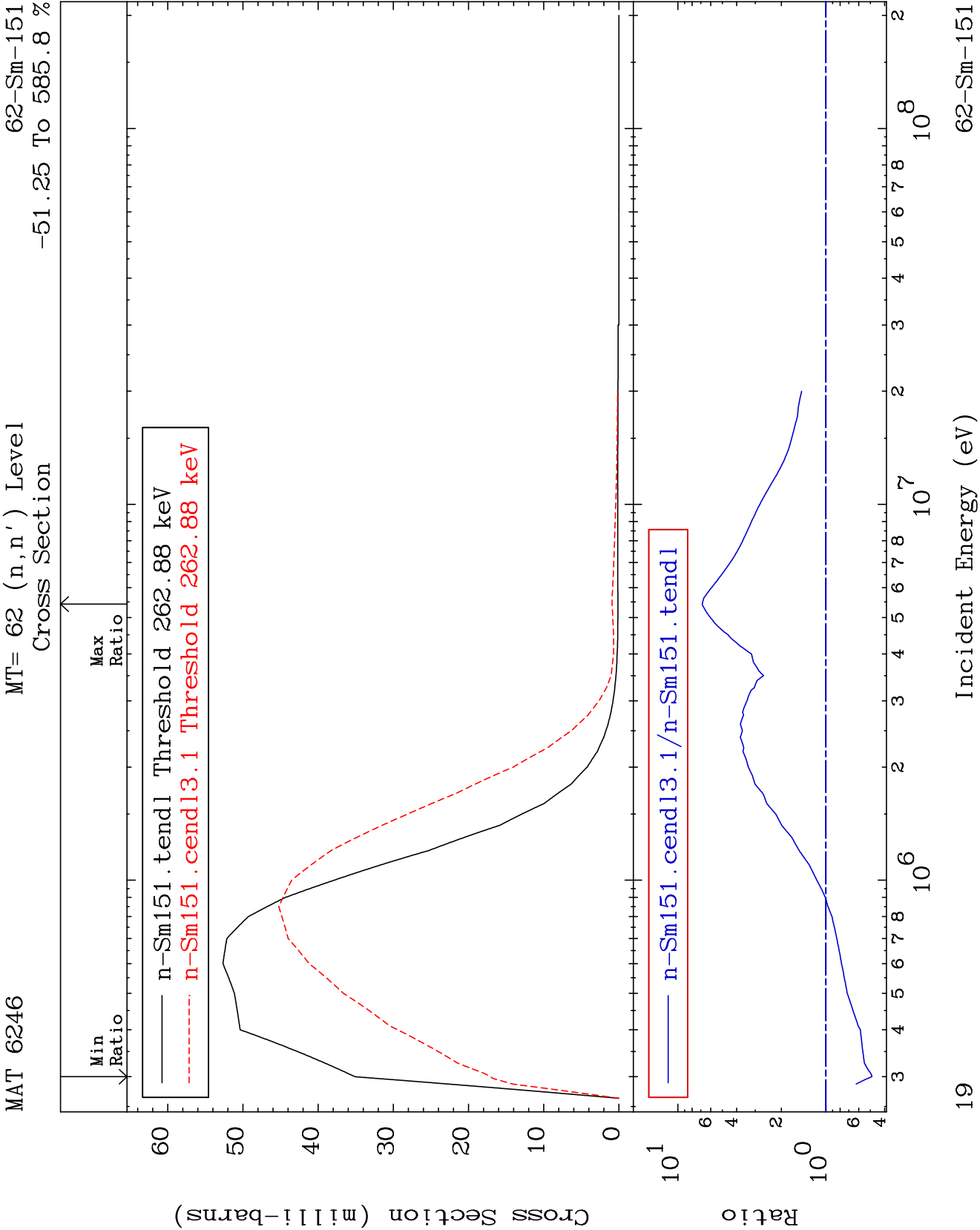


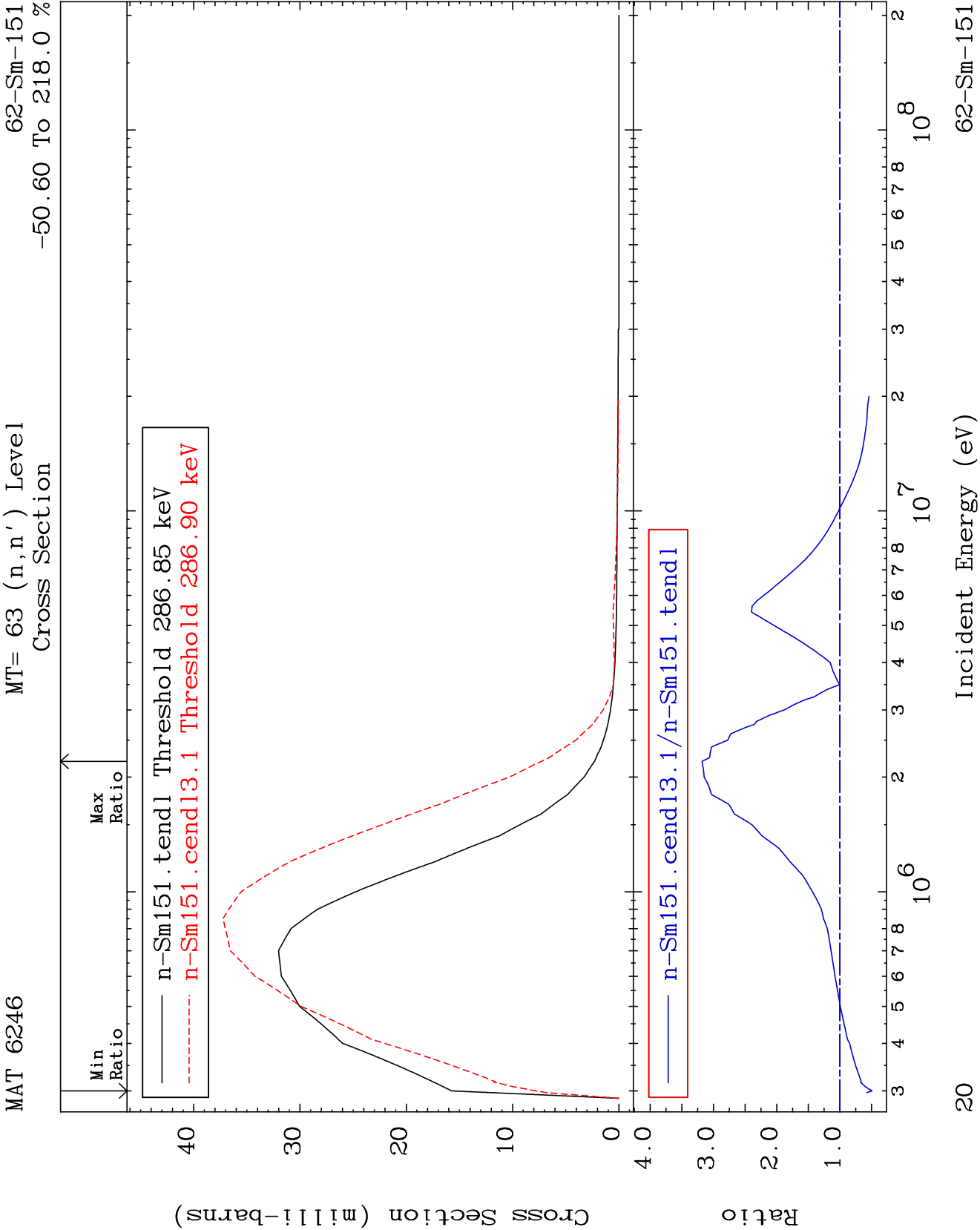
MAT 6246

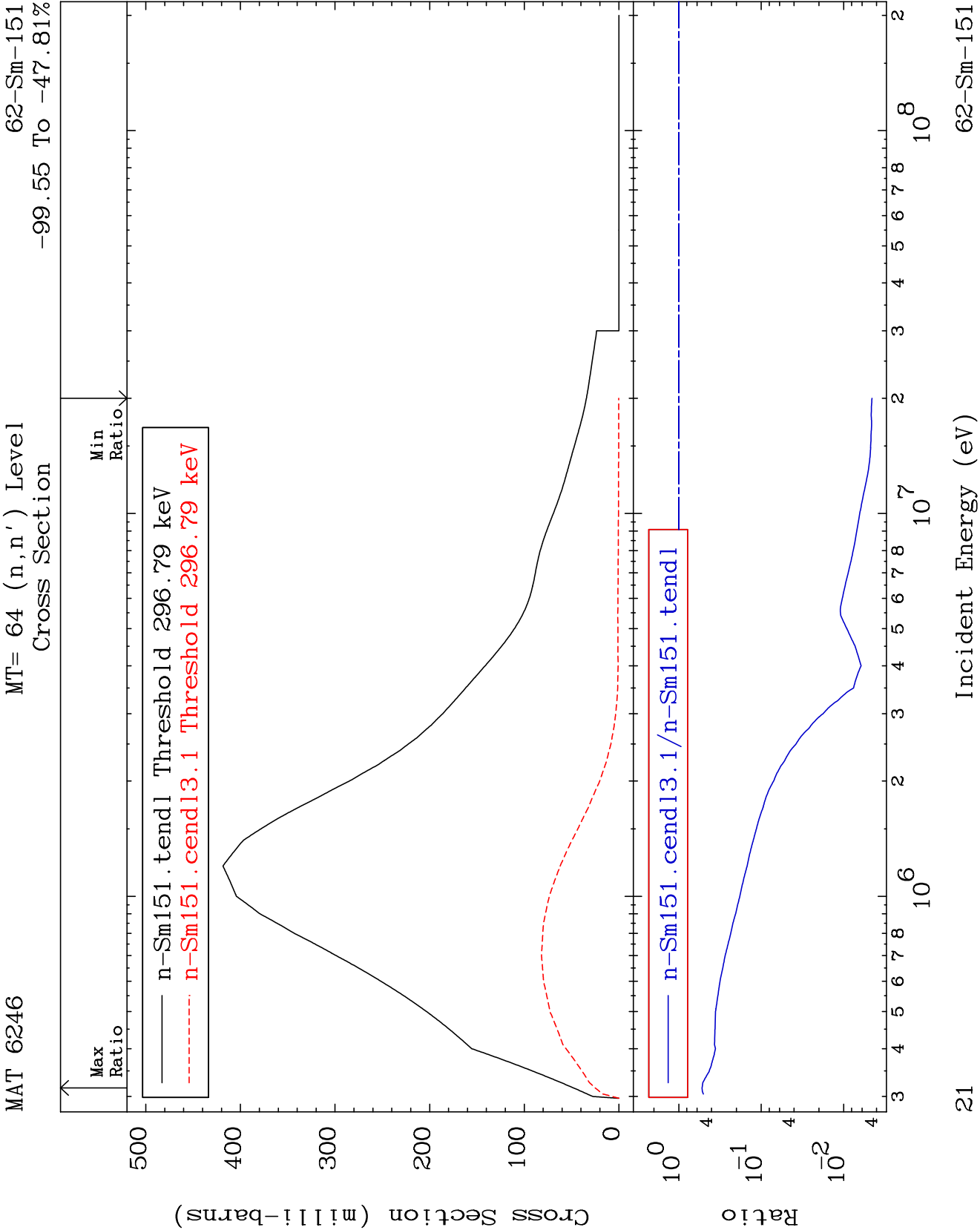
MT= 61 (n, n') Level
Cross Section

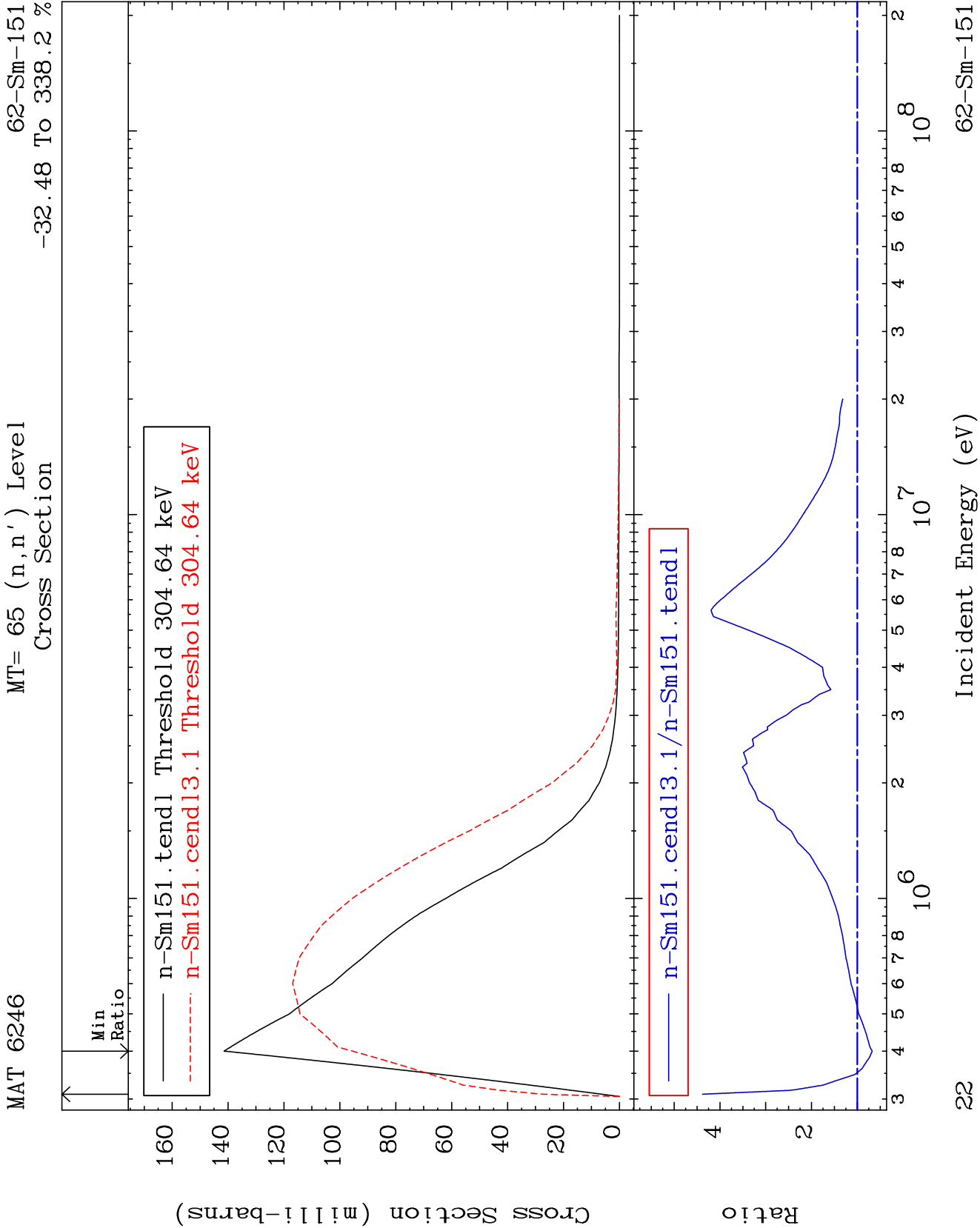
62-Sm-151
-2.113 To 417.2 %

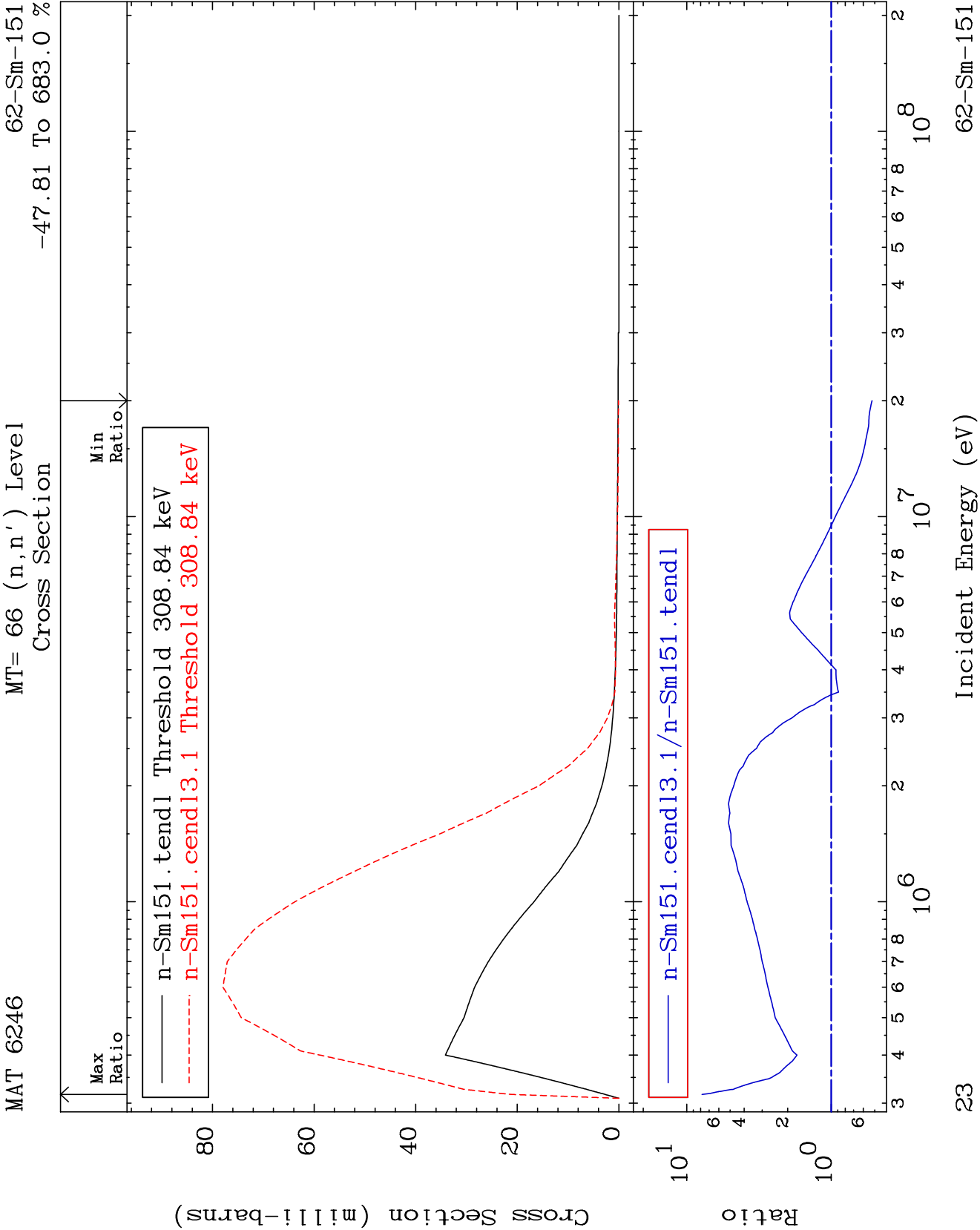


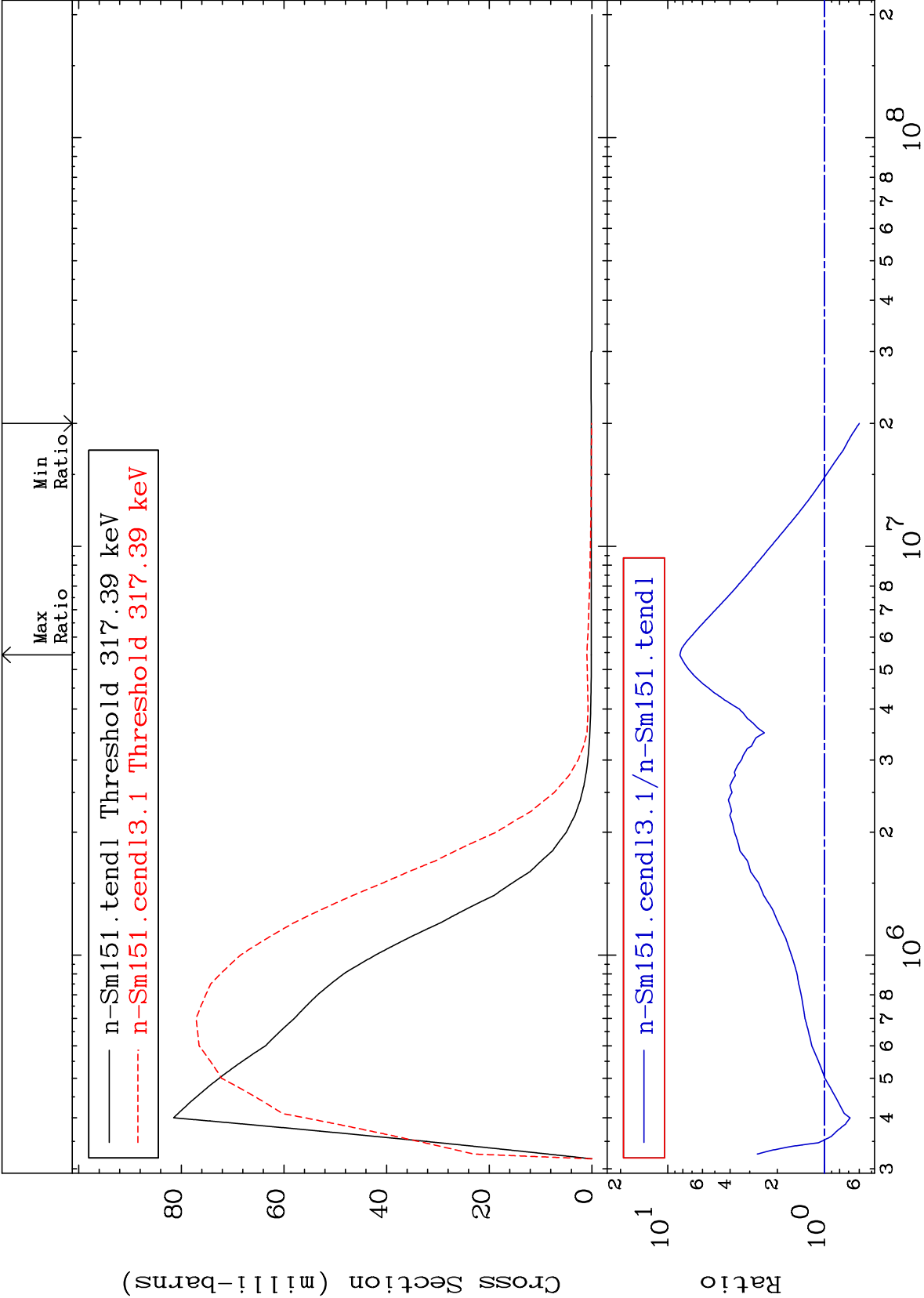


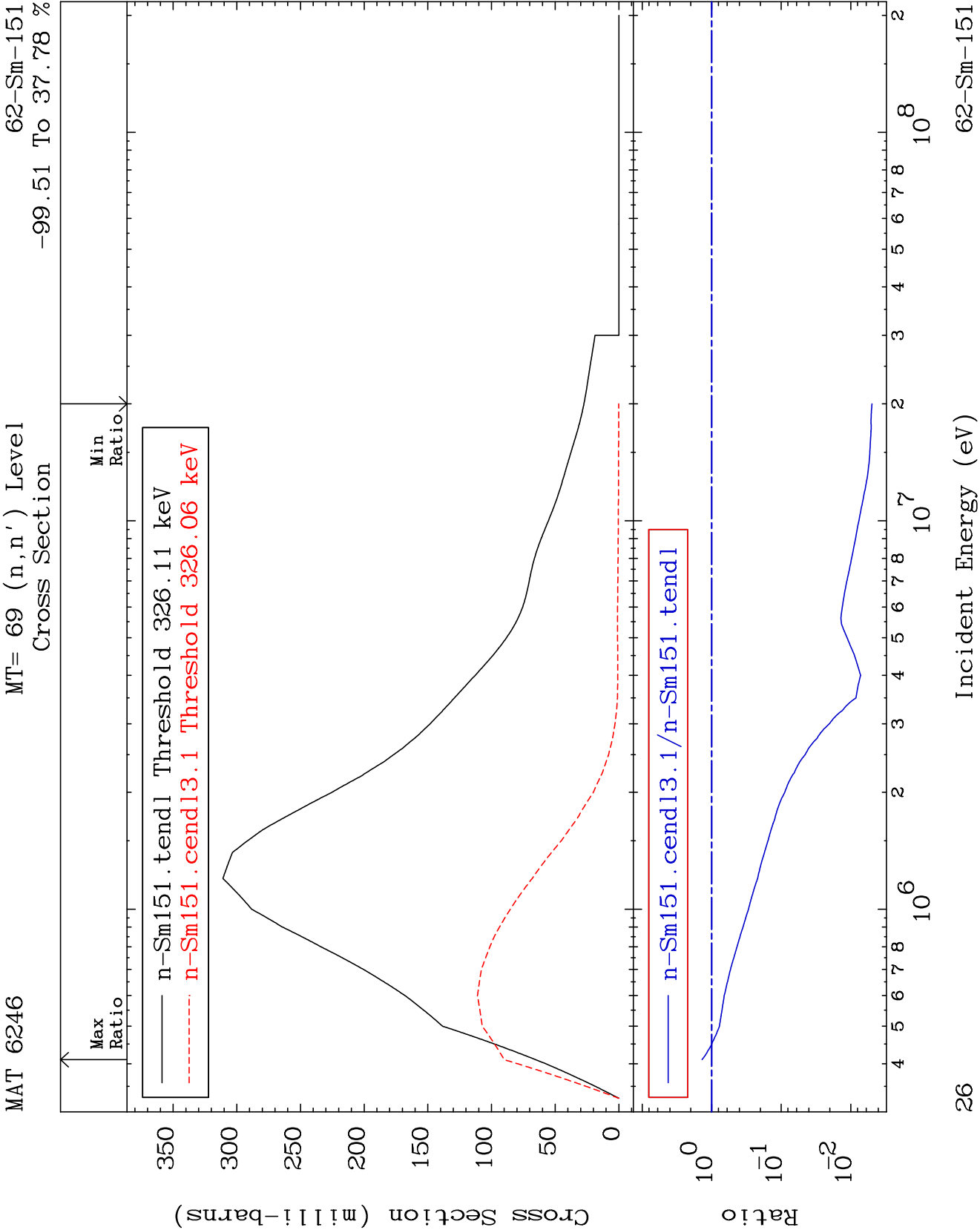


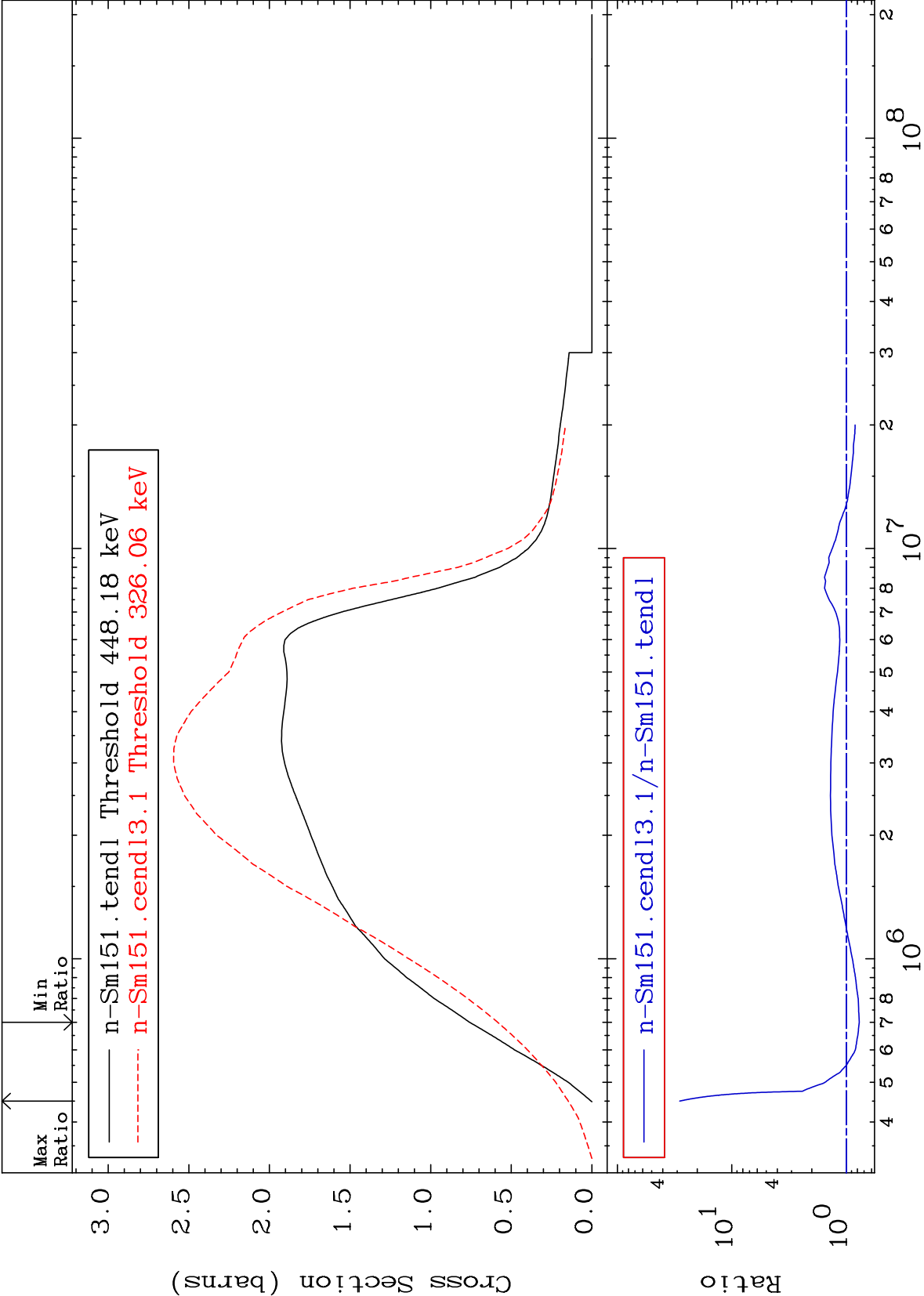


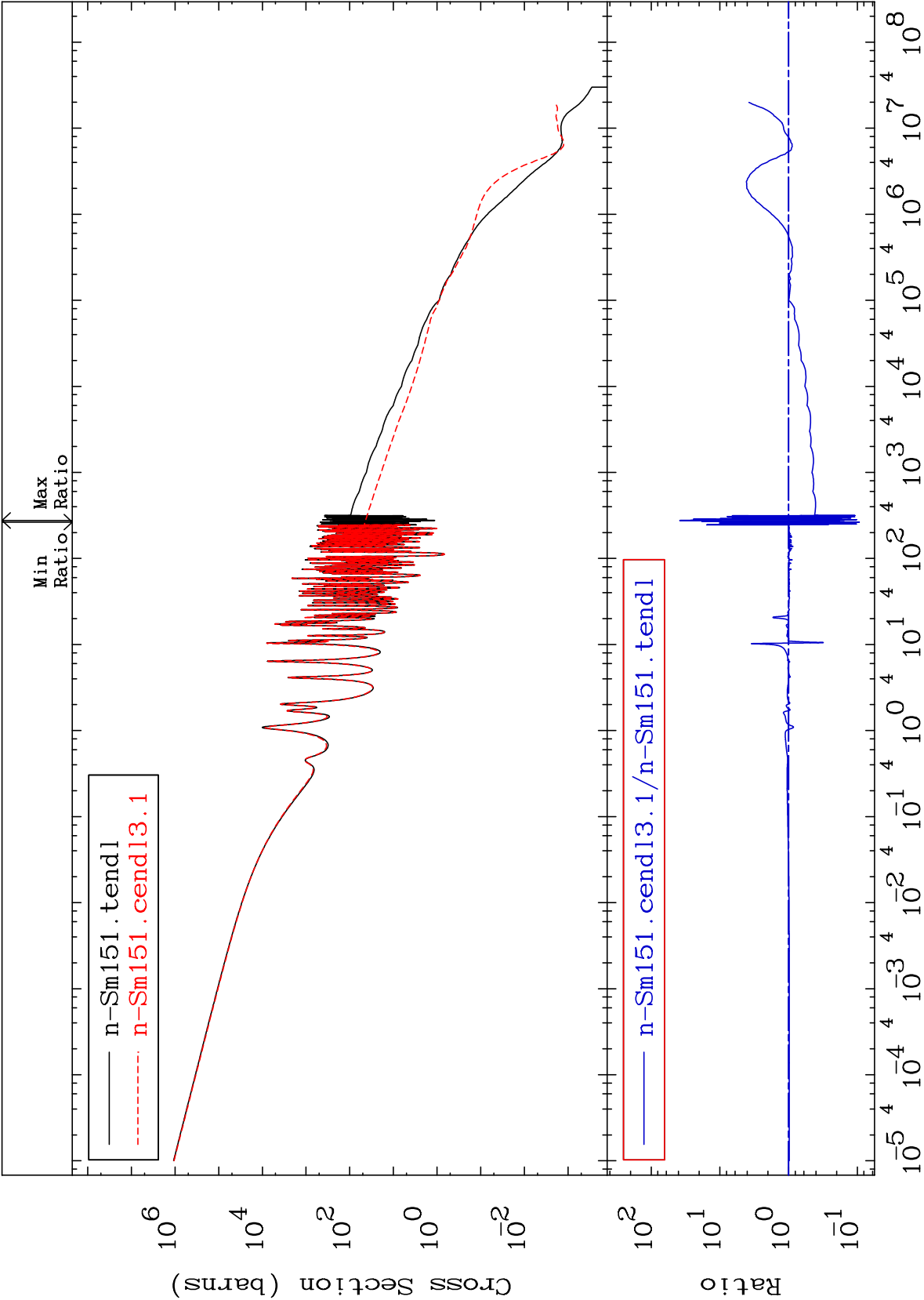


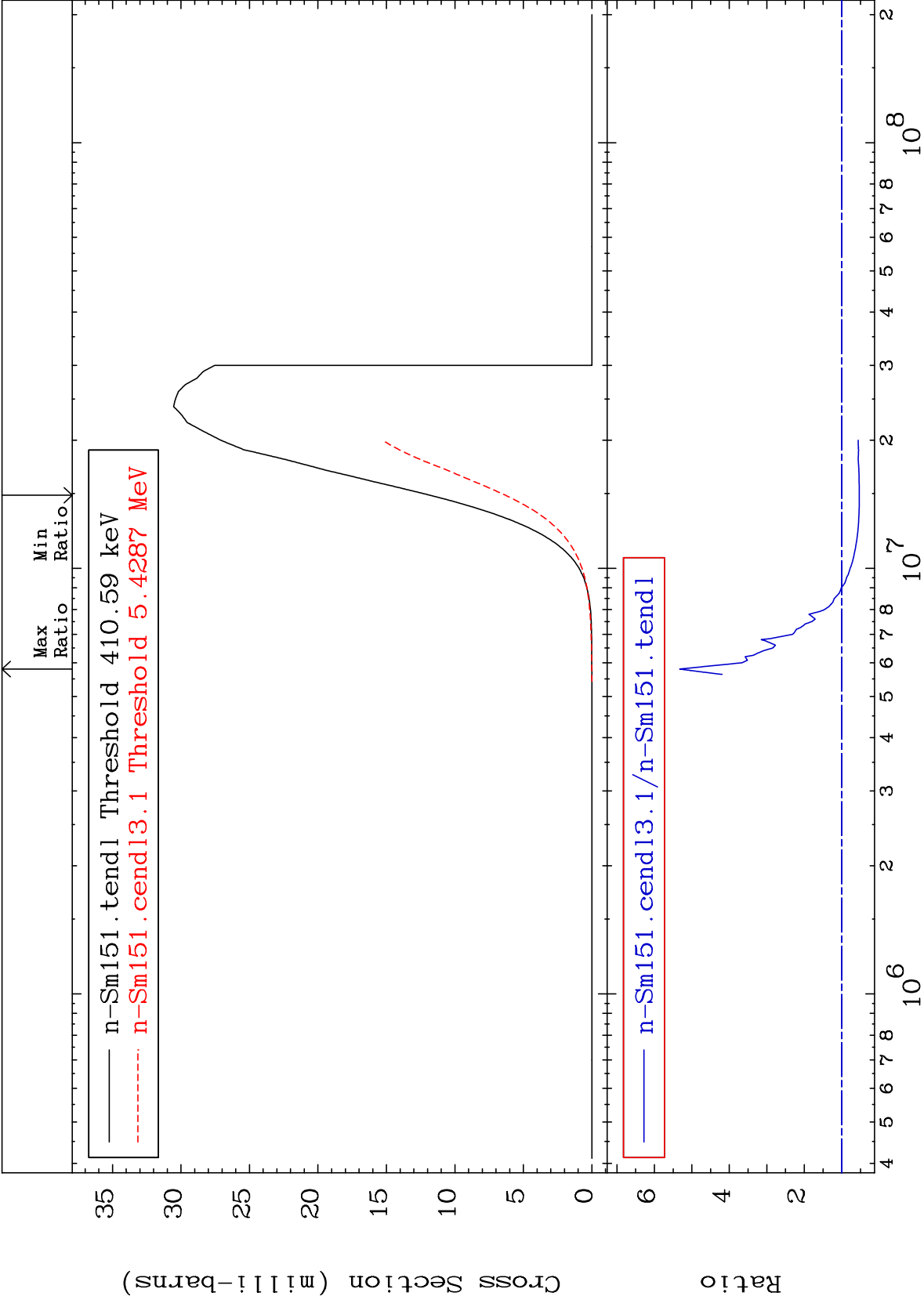






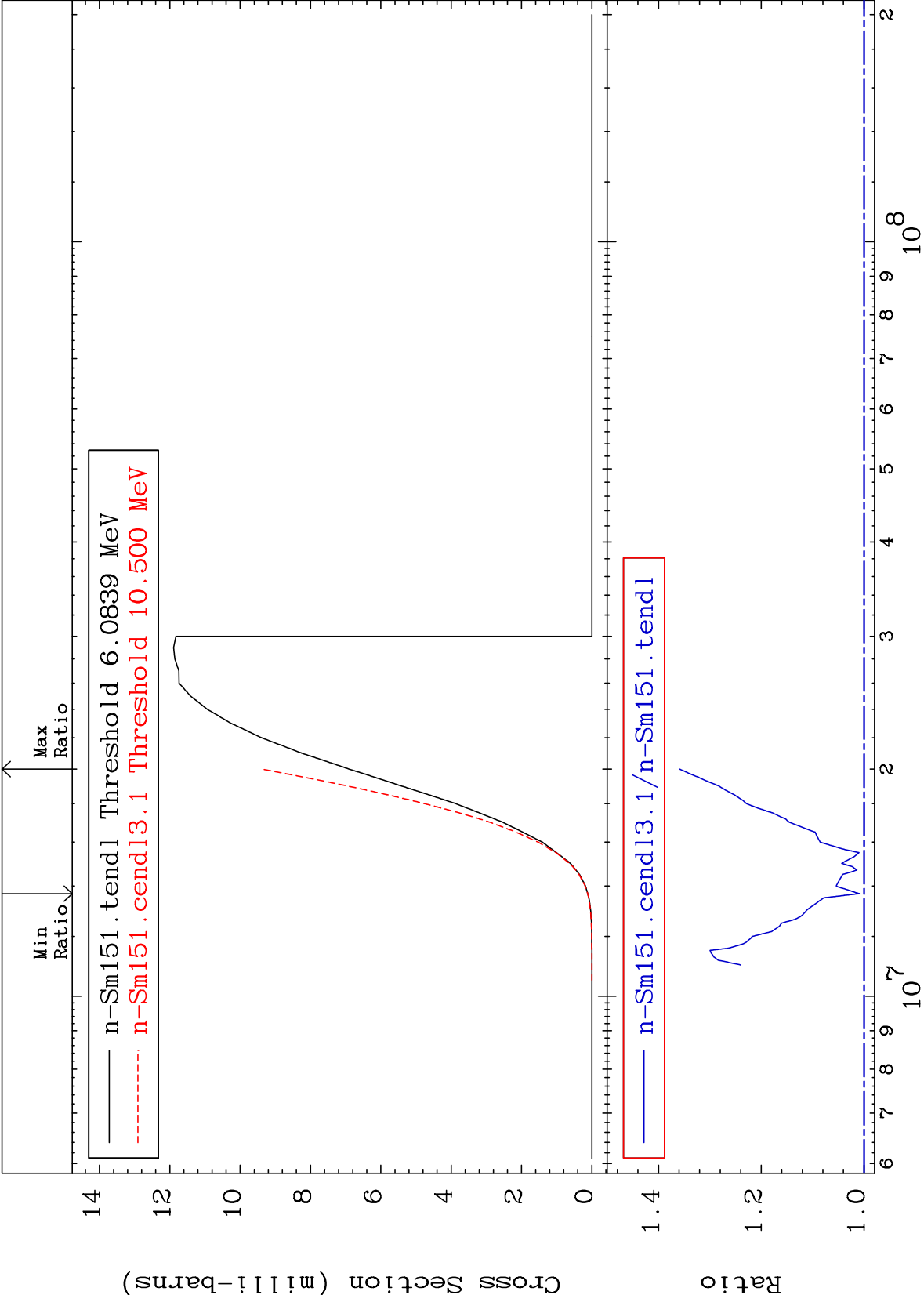






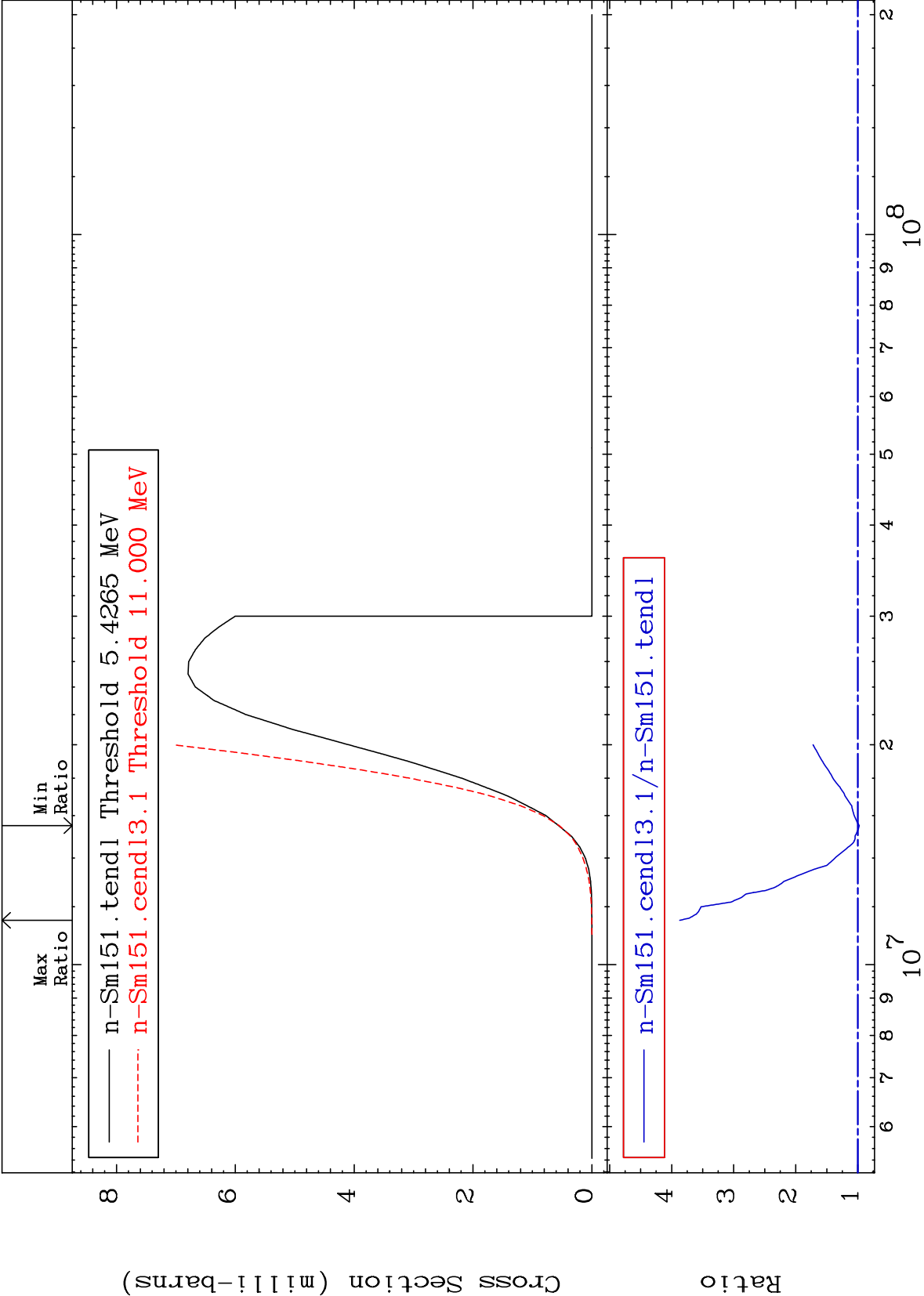
MAT 6246

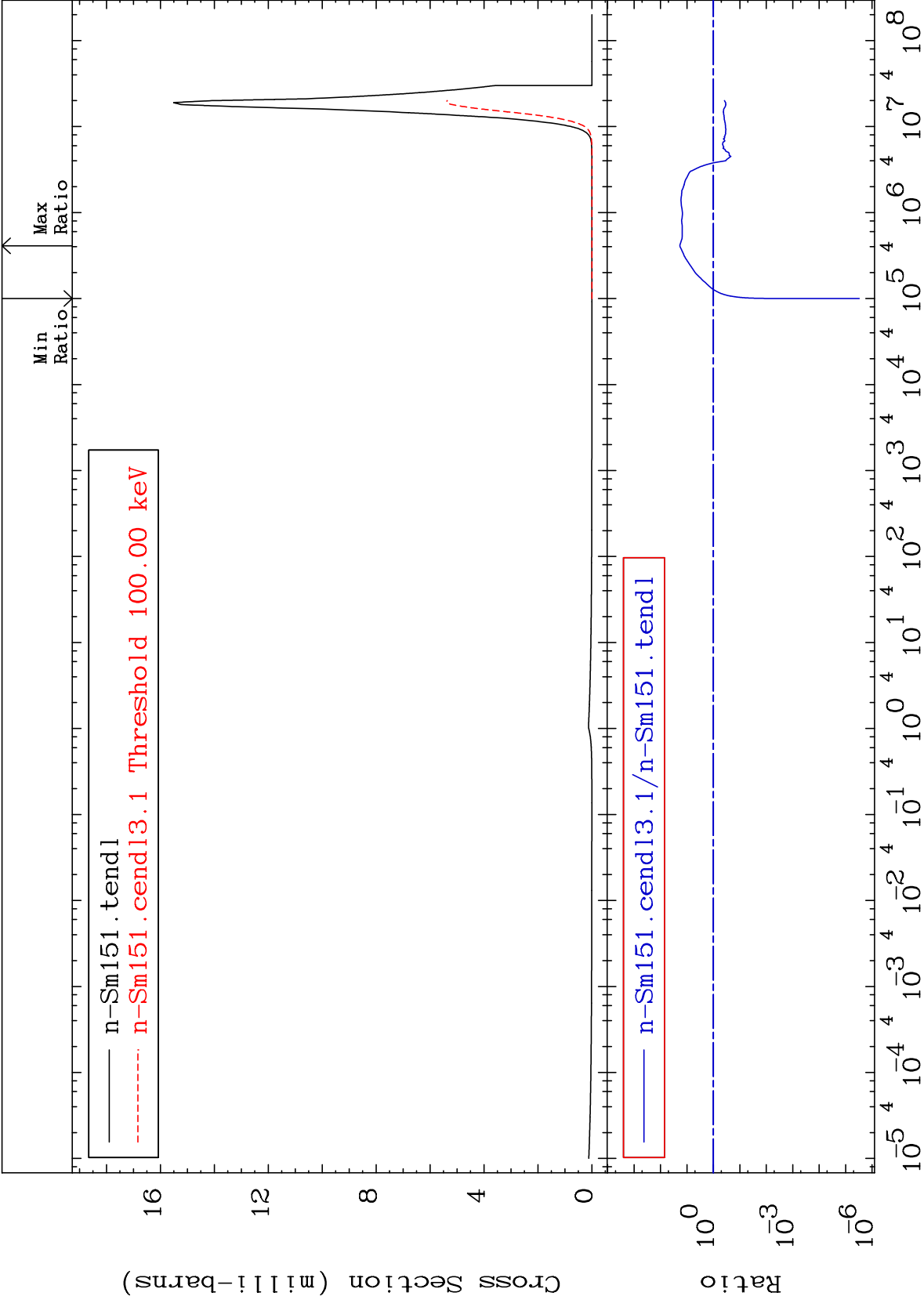
(n,d)
Cross Section
0.926 To 35.87 %
62-Sm-151

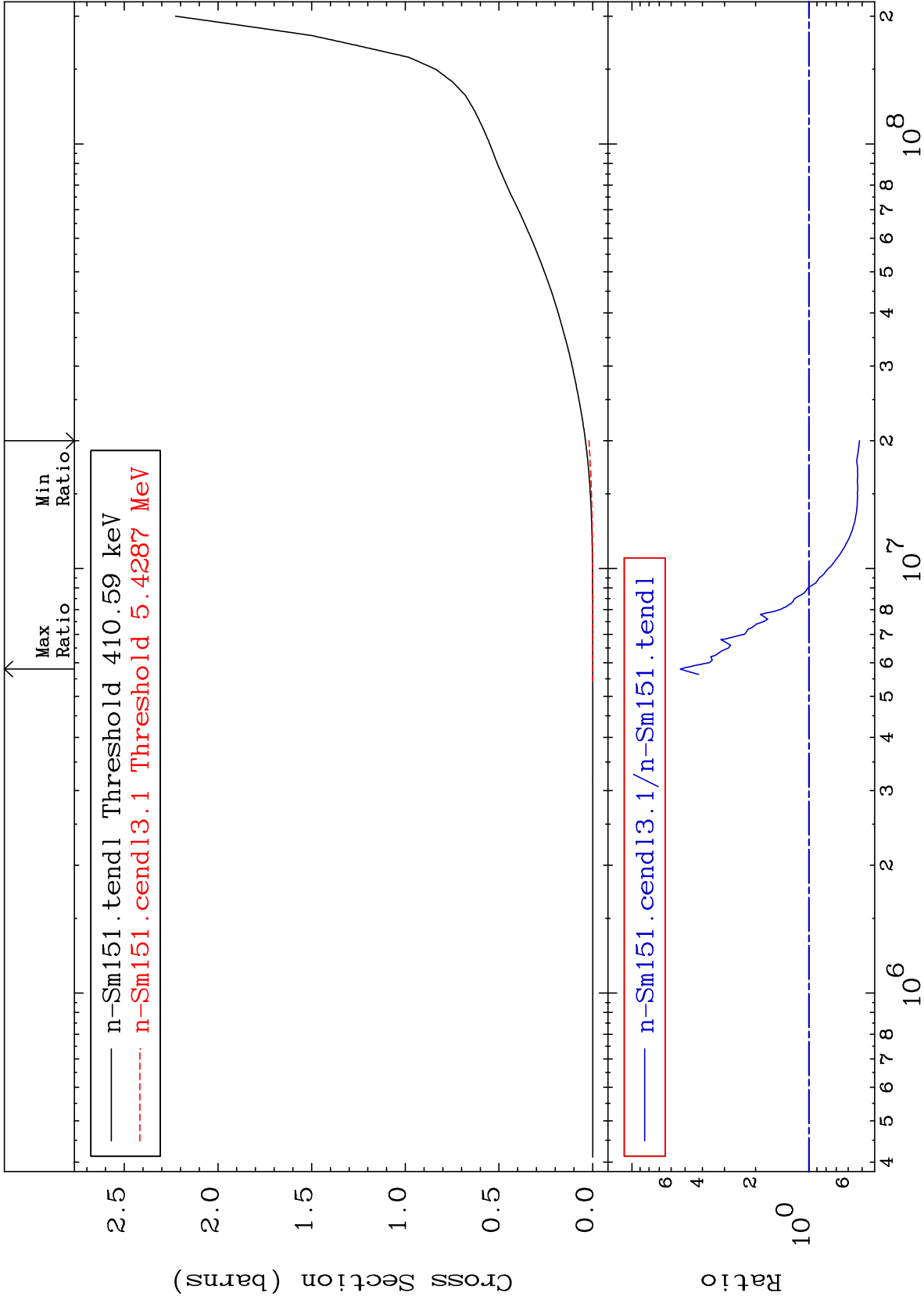


MAT 6246

(n,t)
Cross Section
62-Sm-151
-2.355 To 287.0 %



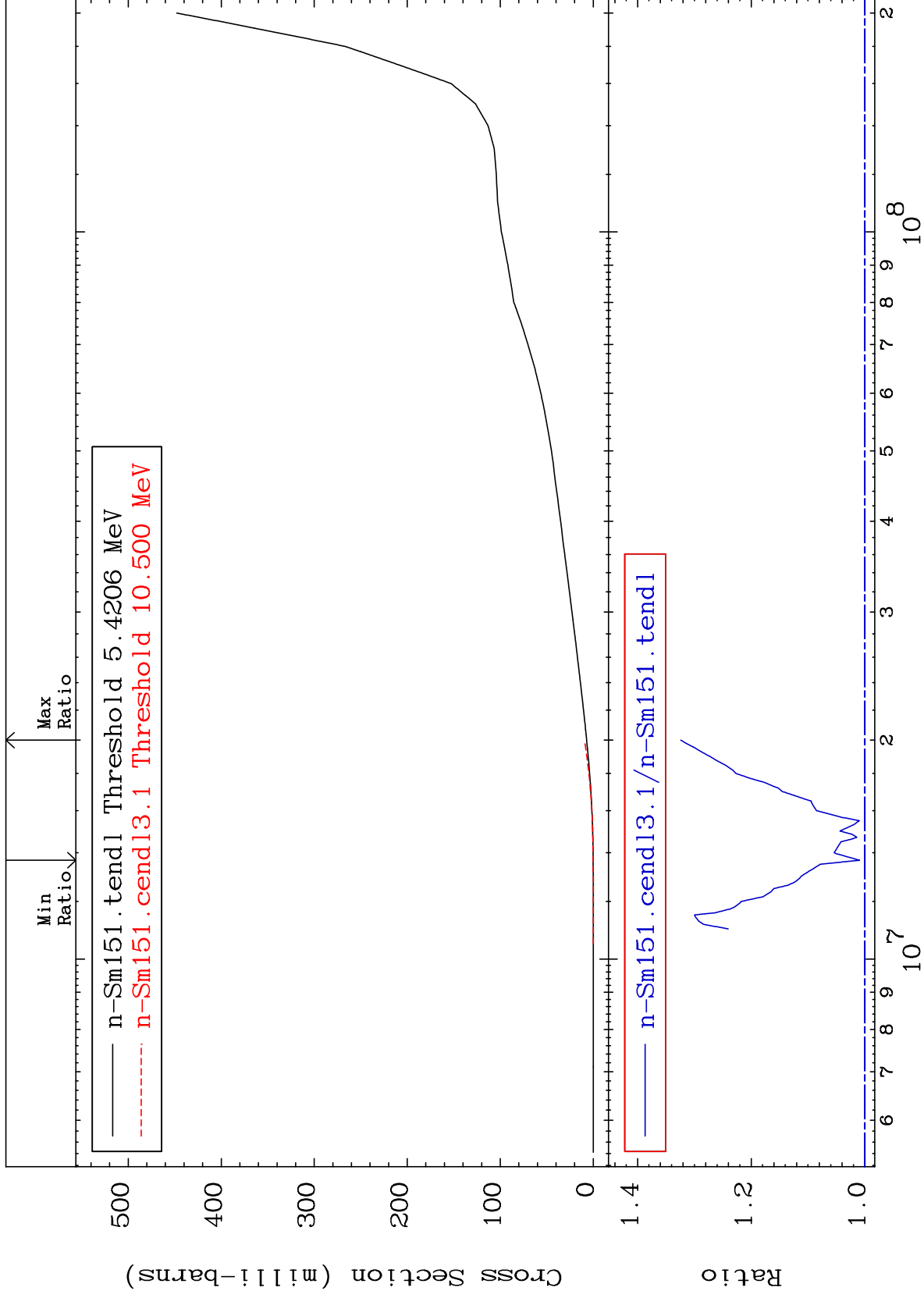




MAT 6246

Deuterium Production
Cross Section

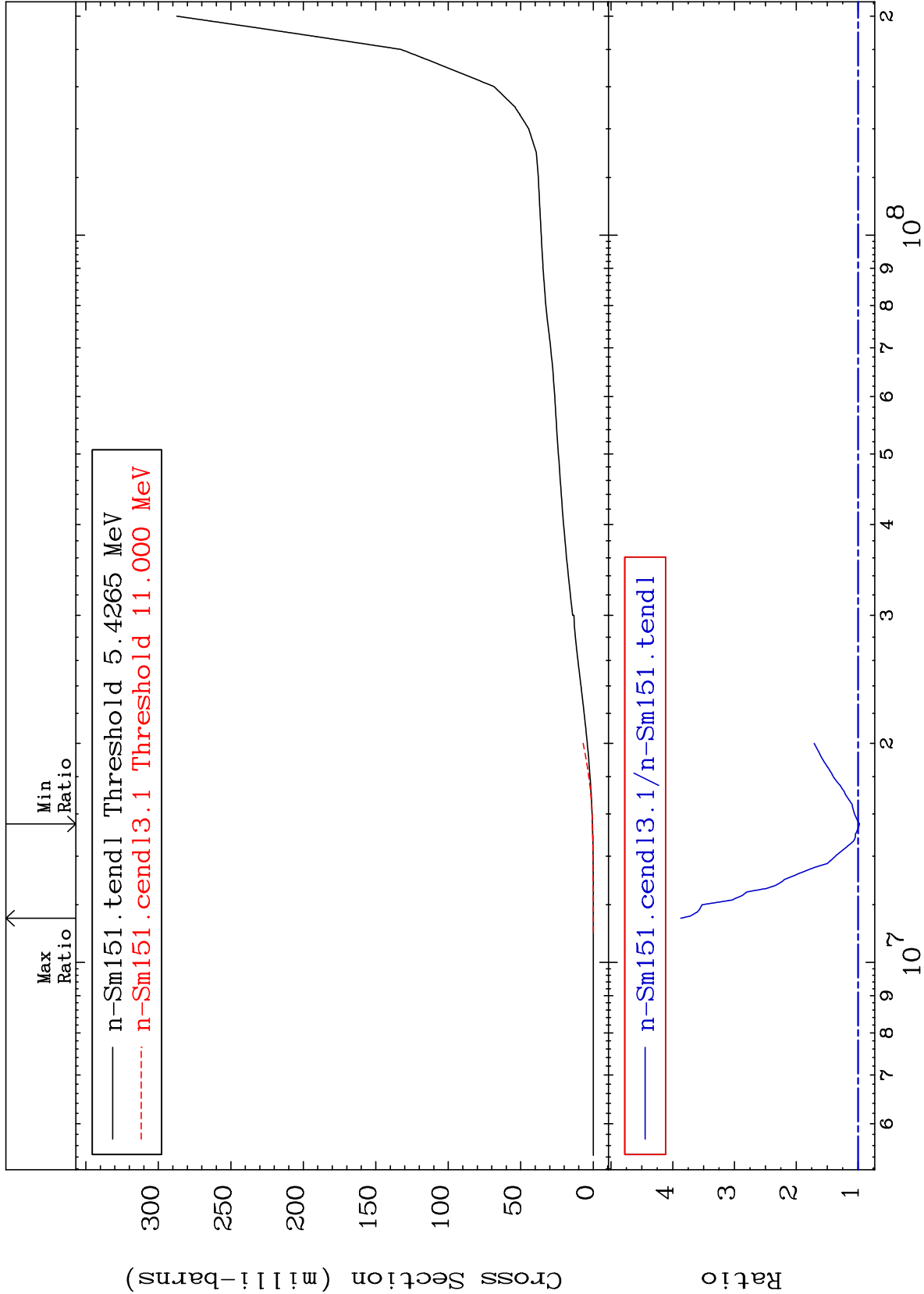
62-Sm-151
0.926 To 32.40 %

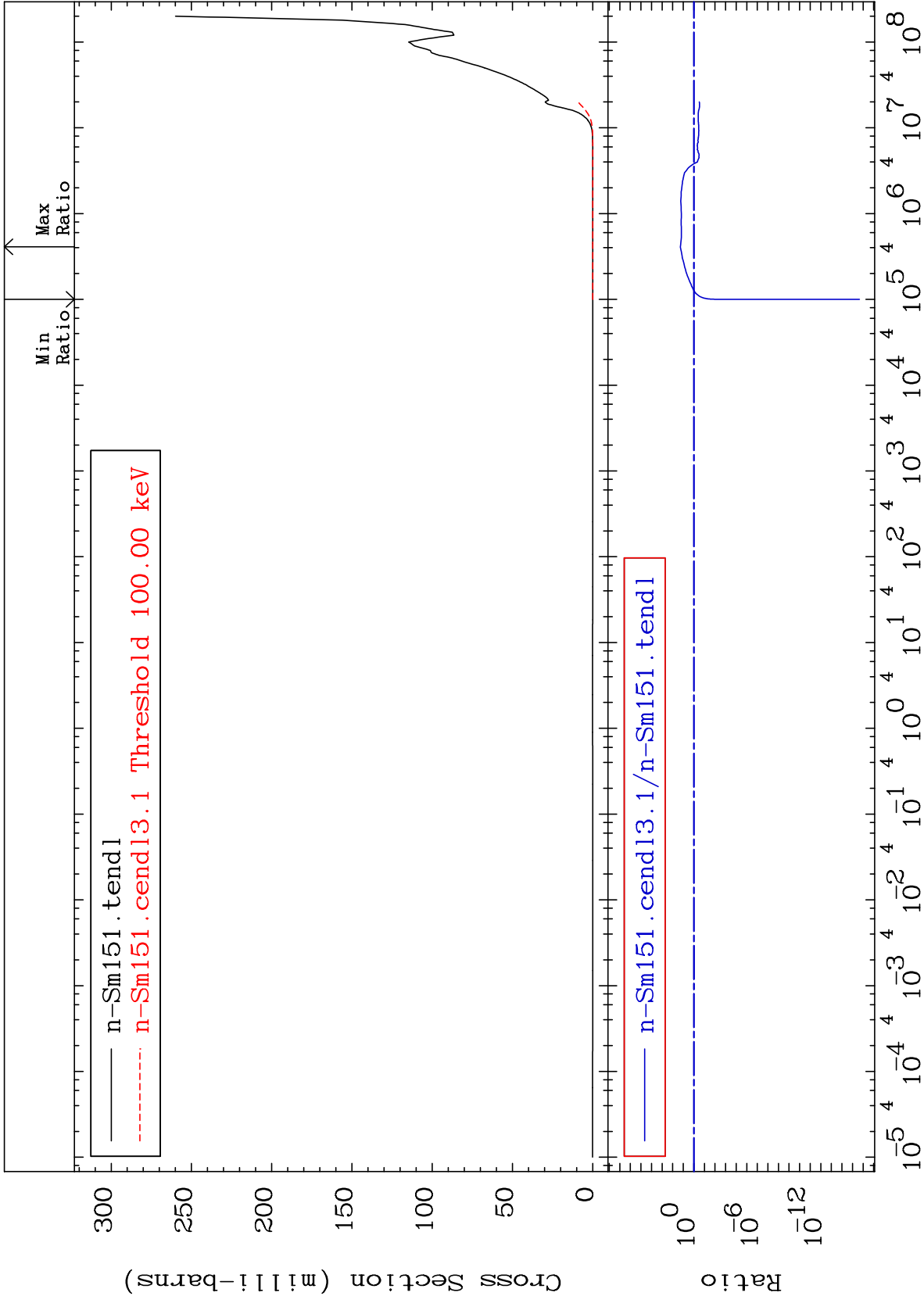


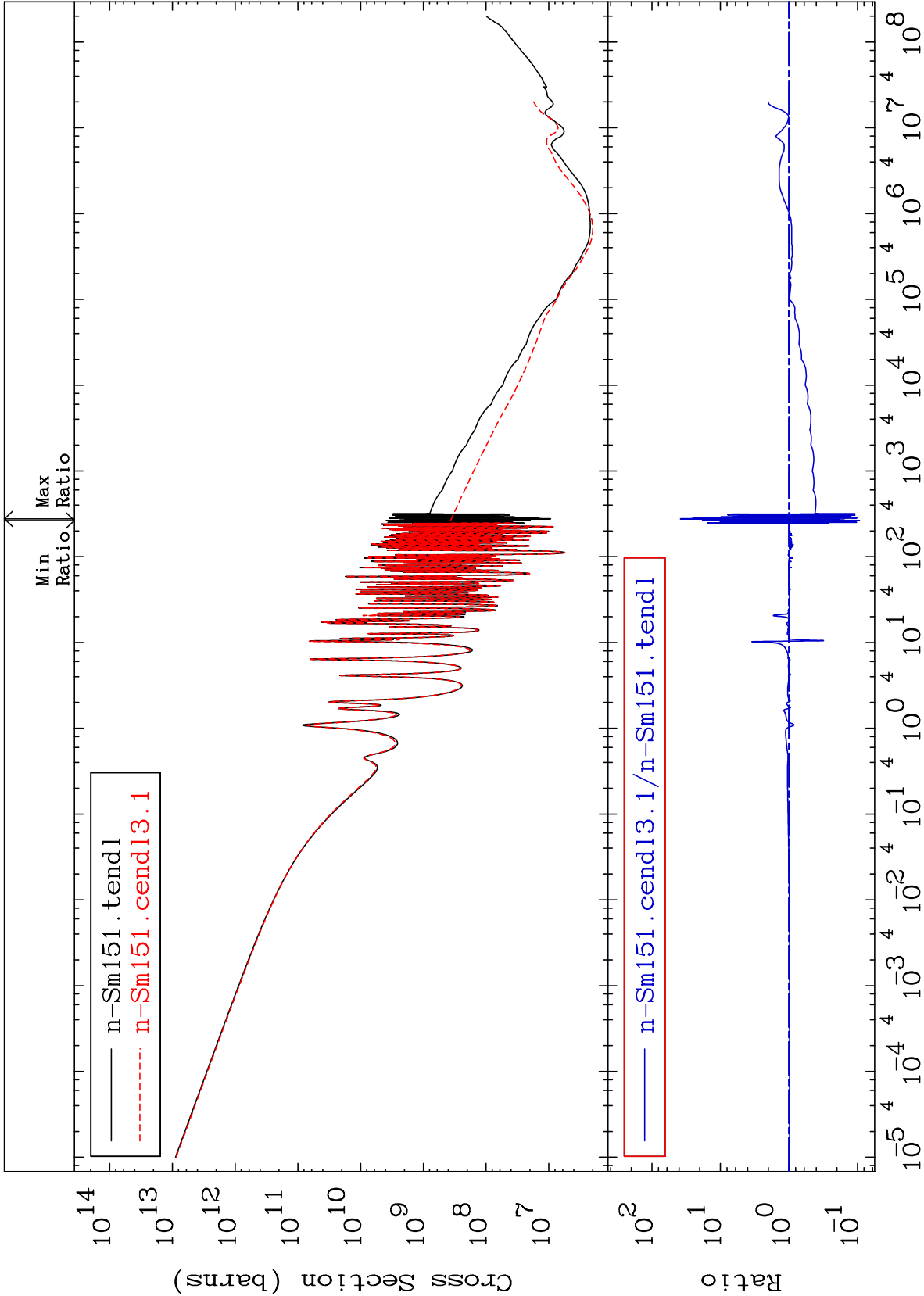
MAT 6246

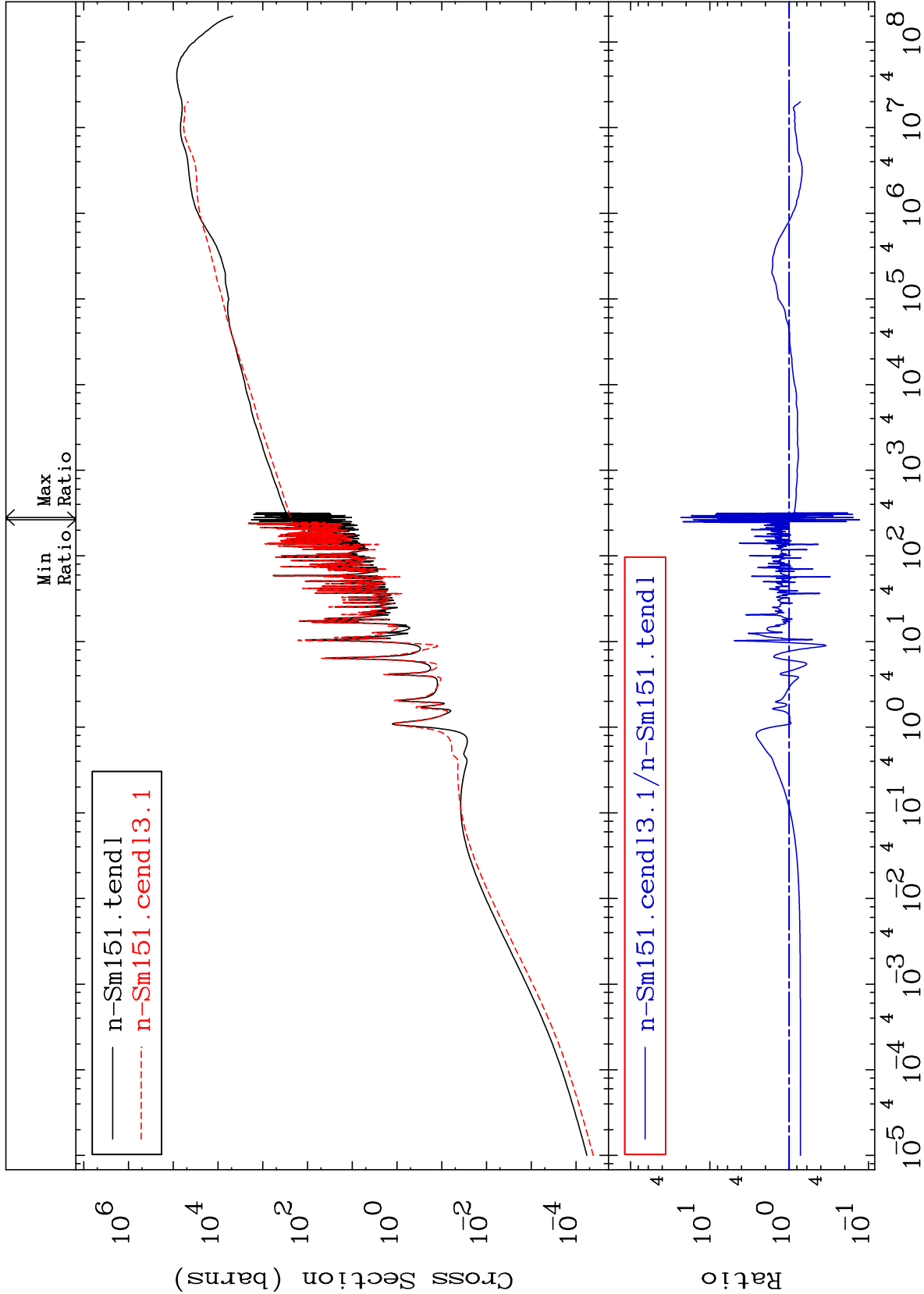
Tritium Production
Cross Section

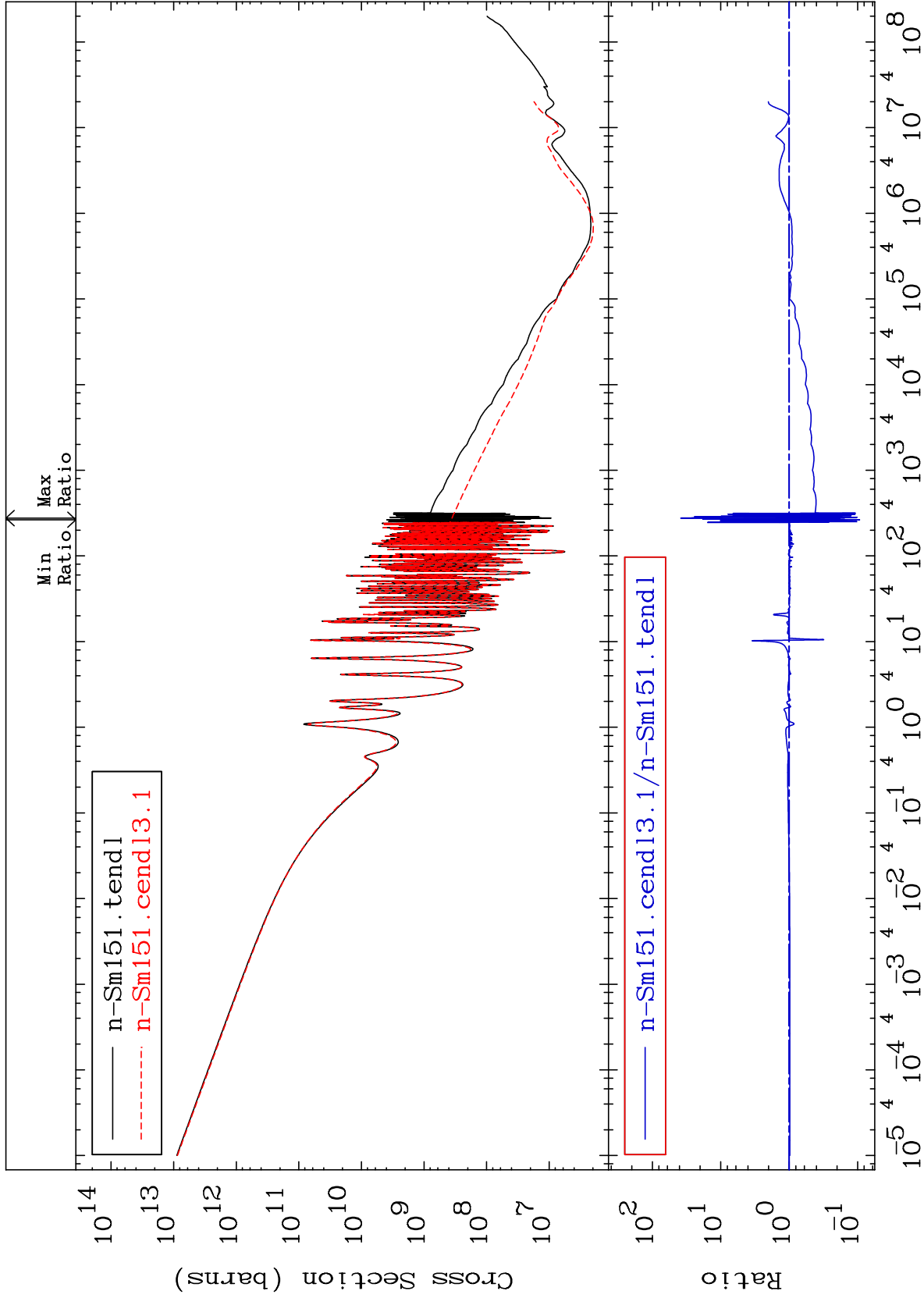
62-Sm-151
-2.355 To 287.0 %











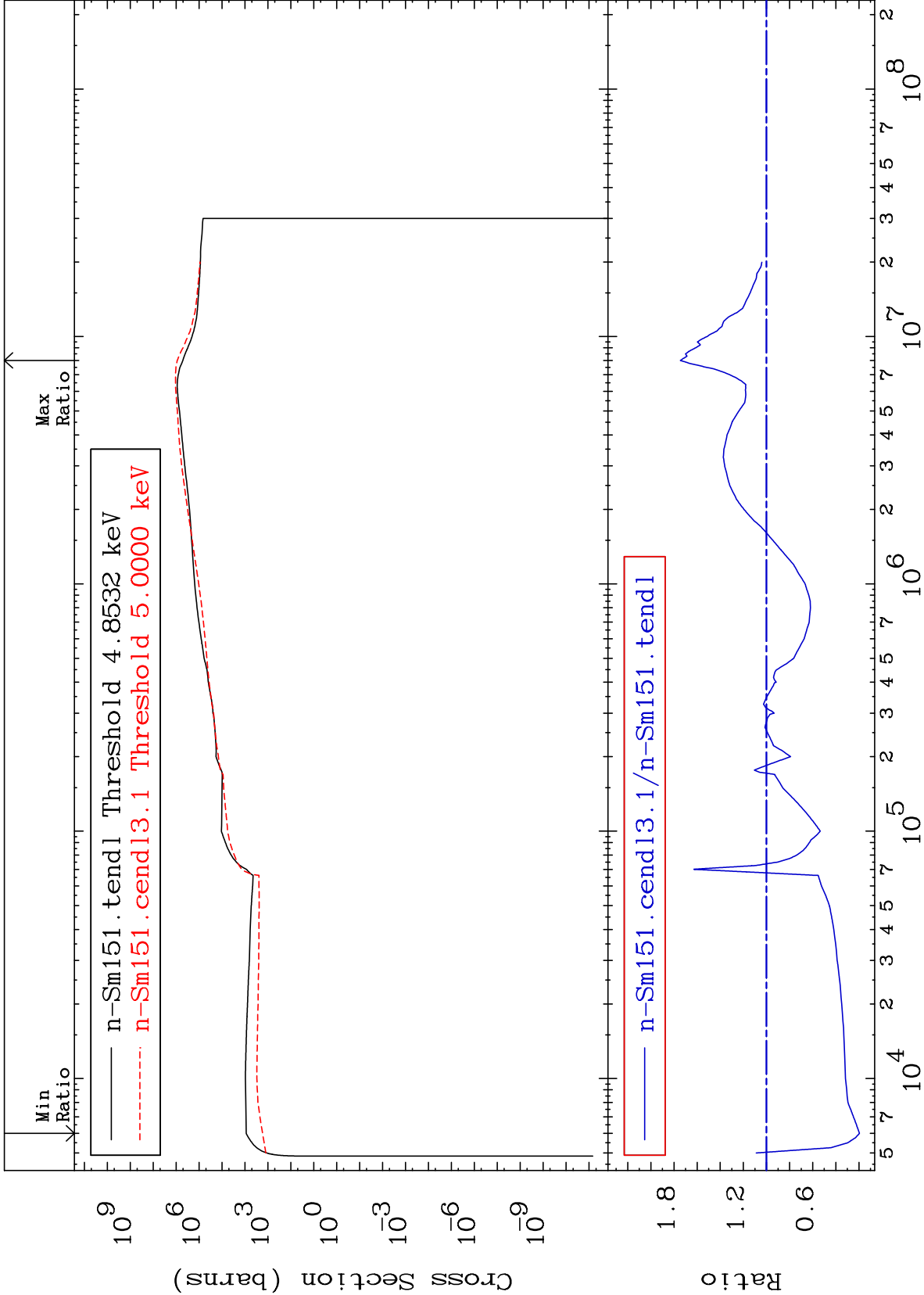
MAT 6246

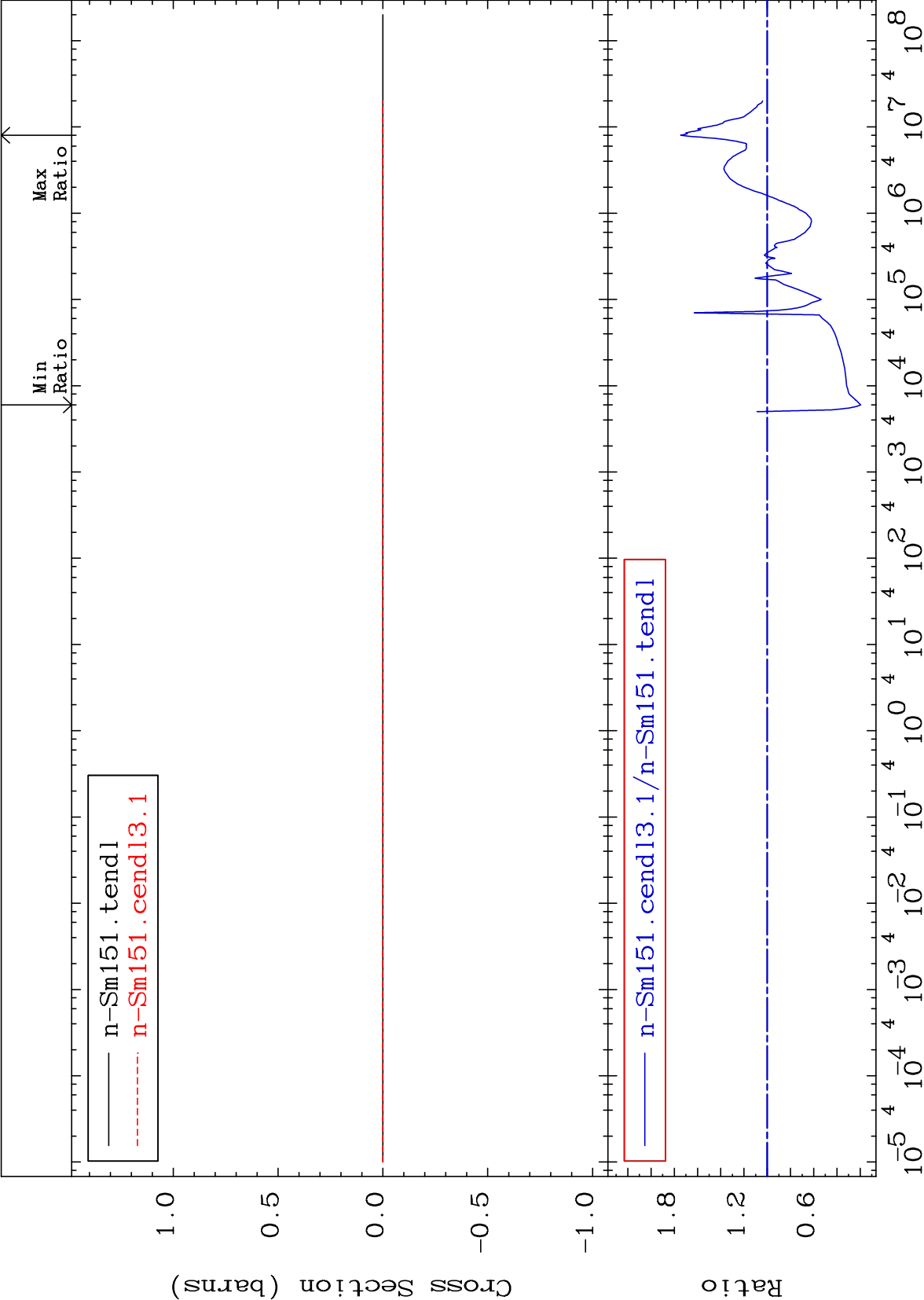
Kerma inelastic (mt51-91)

62-Sm-151

Cross Section

-80.40 To 74.50 %





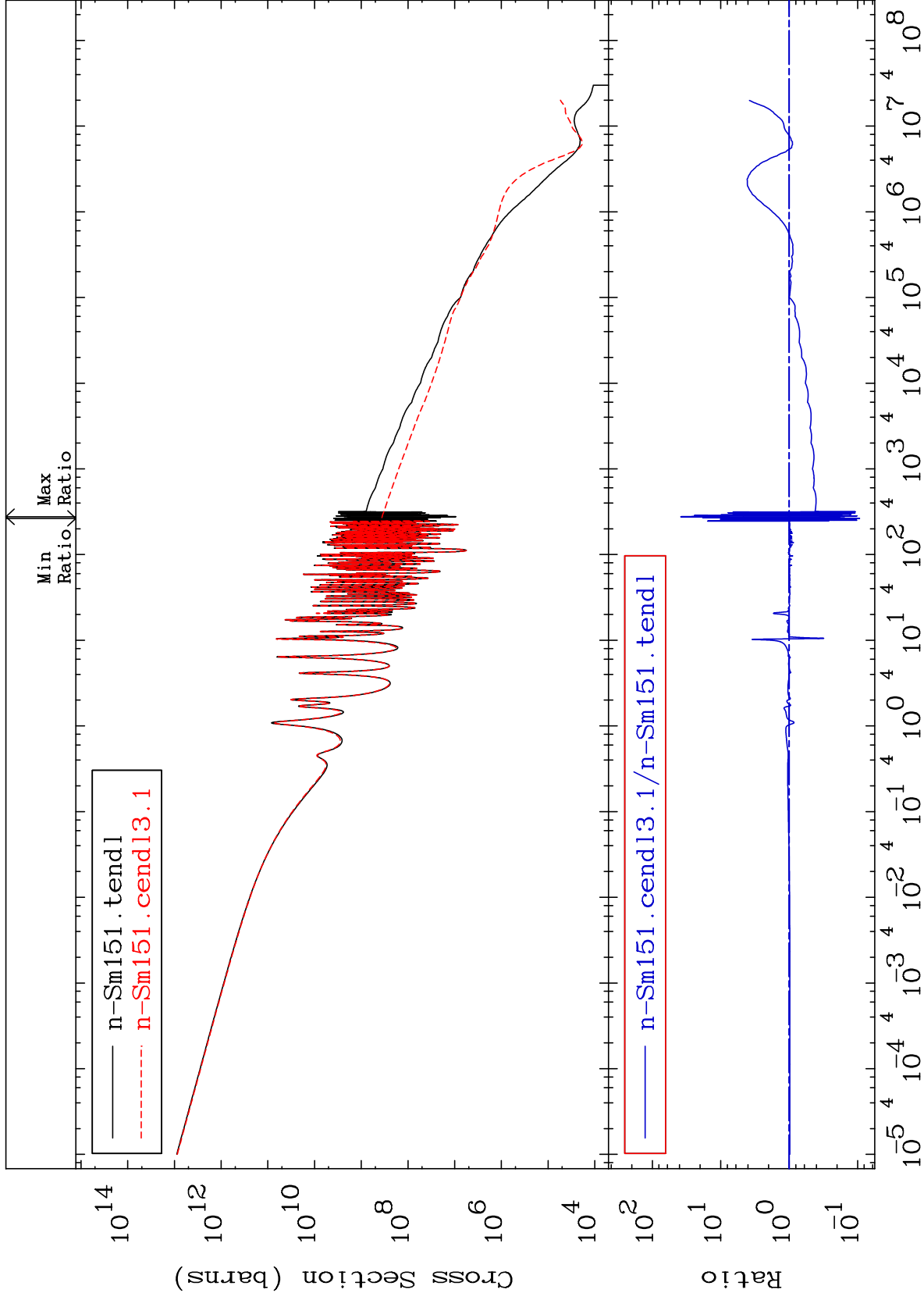
MAT 6246

Kerma capture (mt102)

62-Sm-151

-90.64 To 3738. %

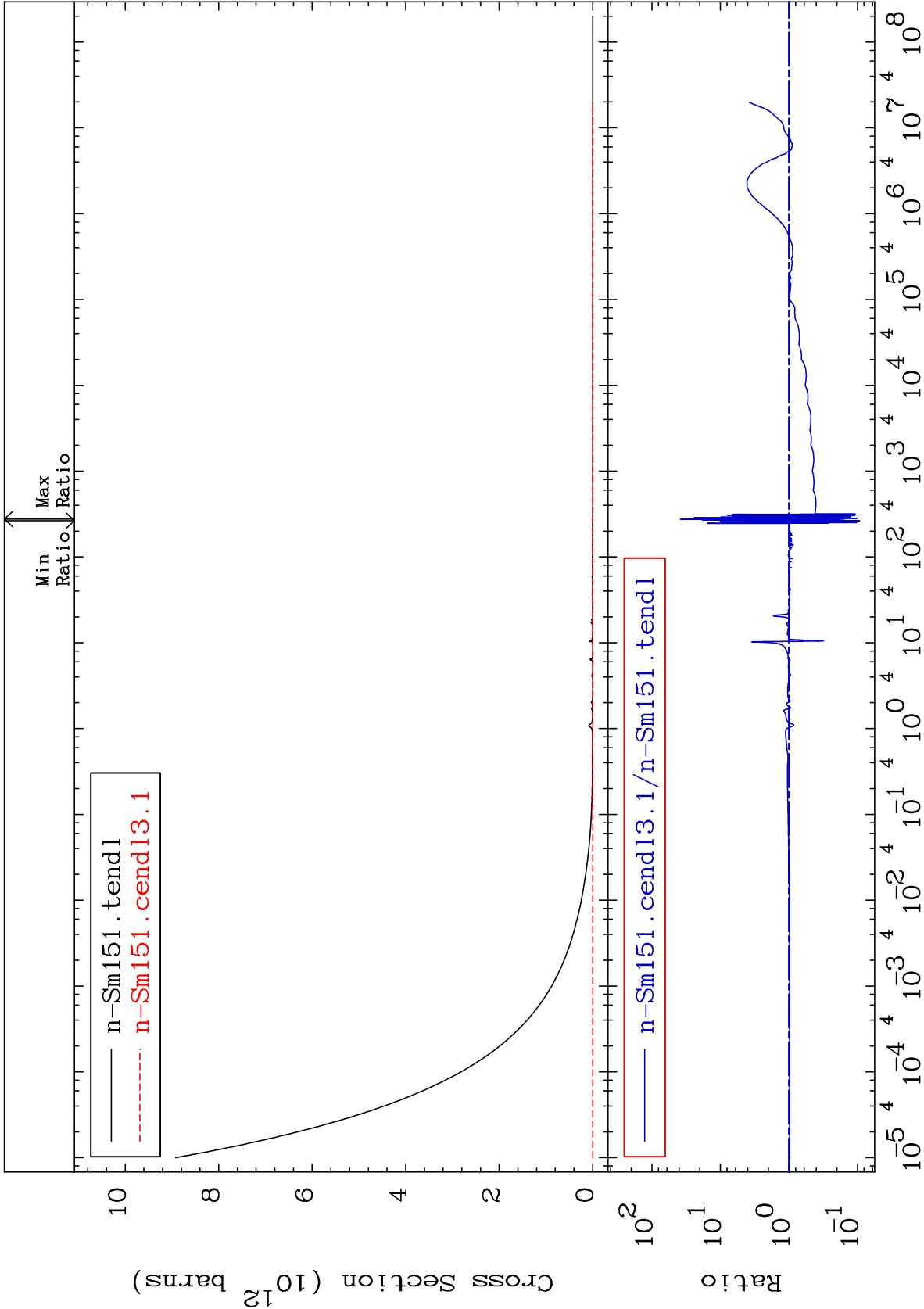
Cross Section

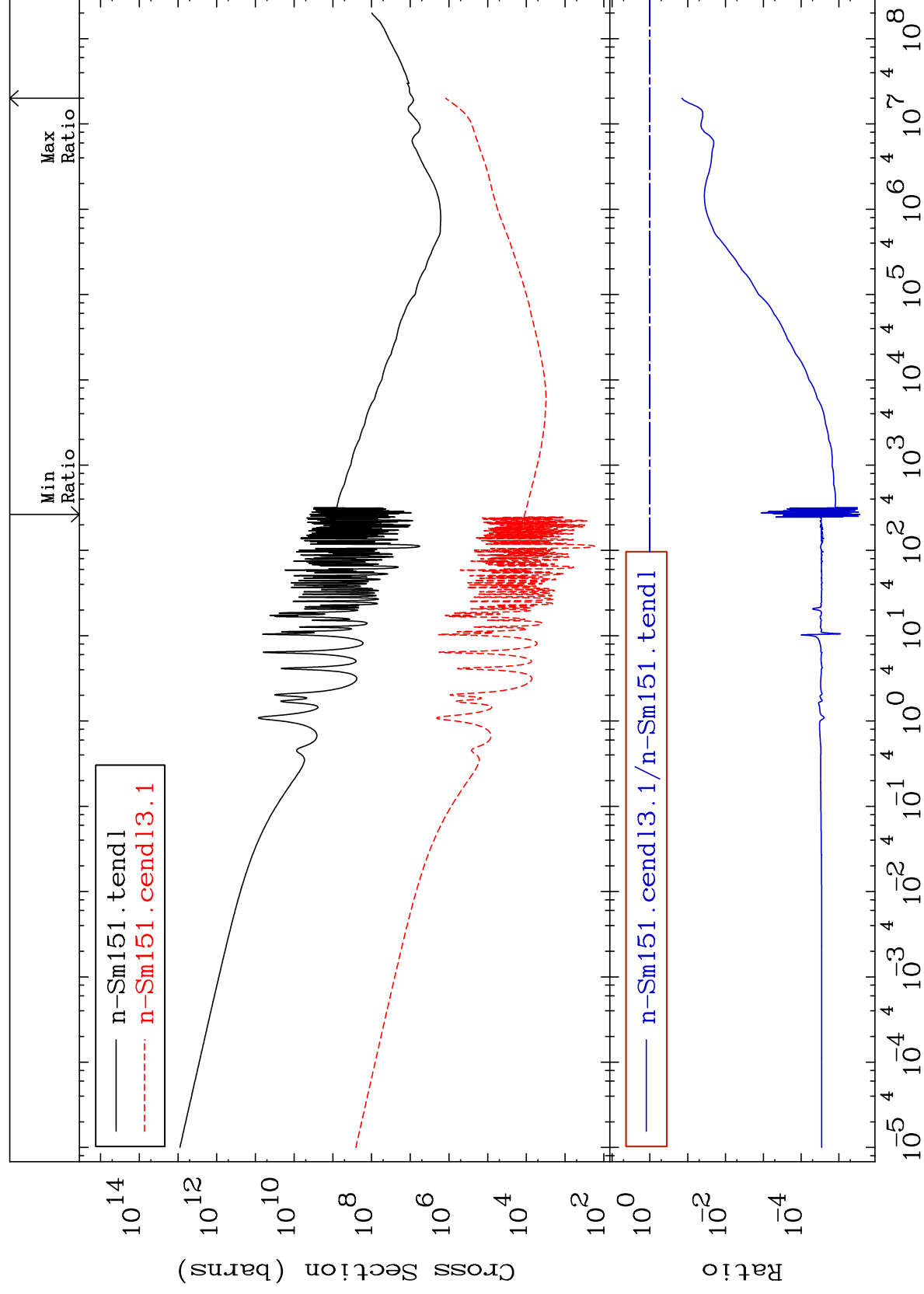


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Incident Energy (eV)

62-Sm-151





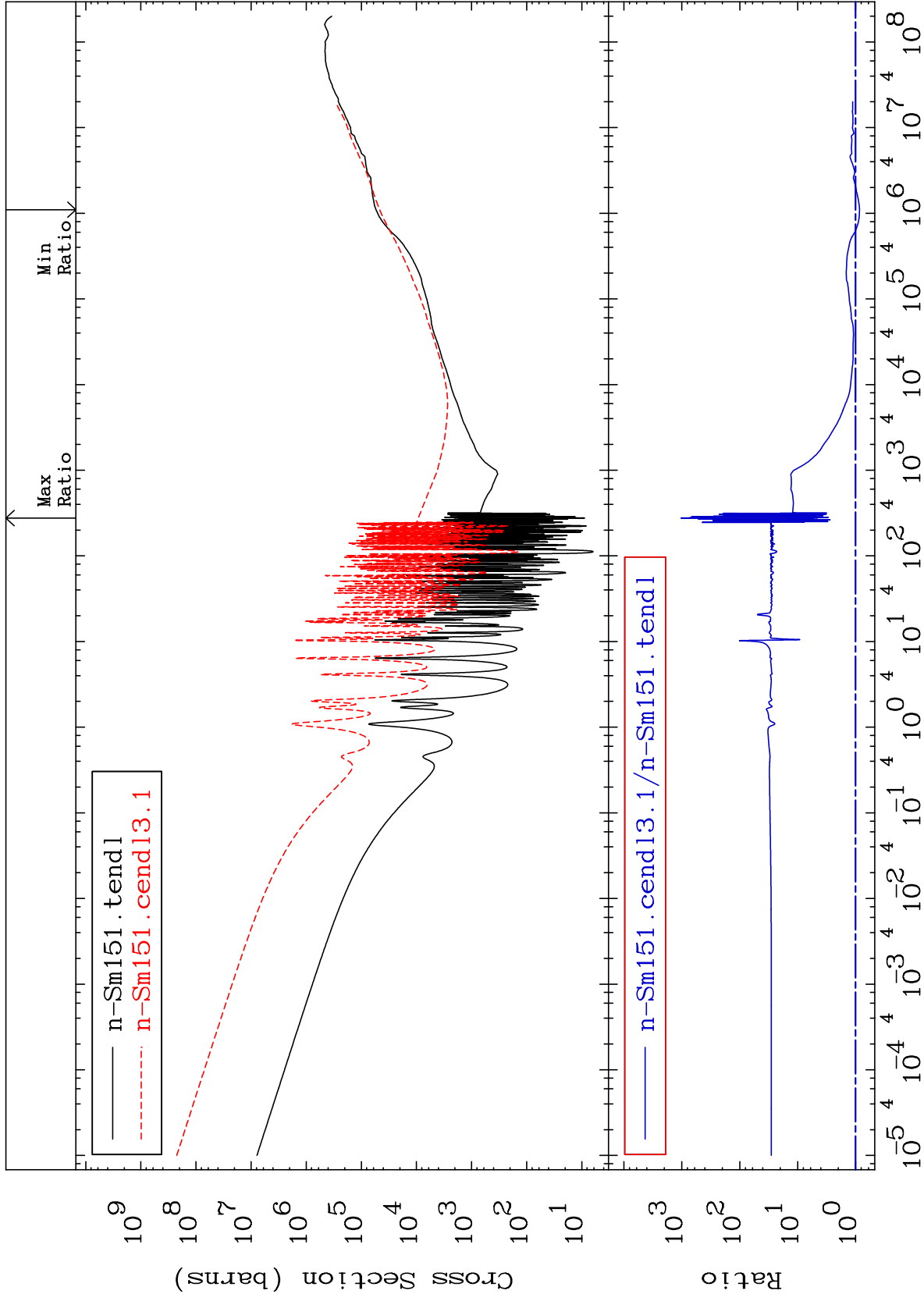
MAT 6246

Dpa total (eV-barns)

62-Sm-151

Cross Section

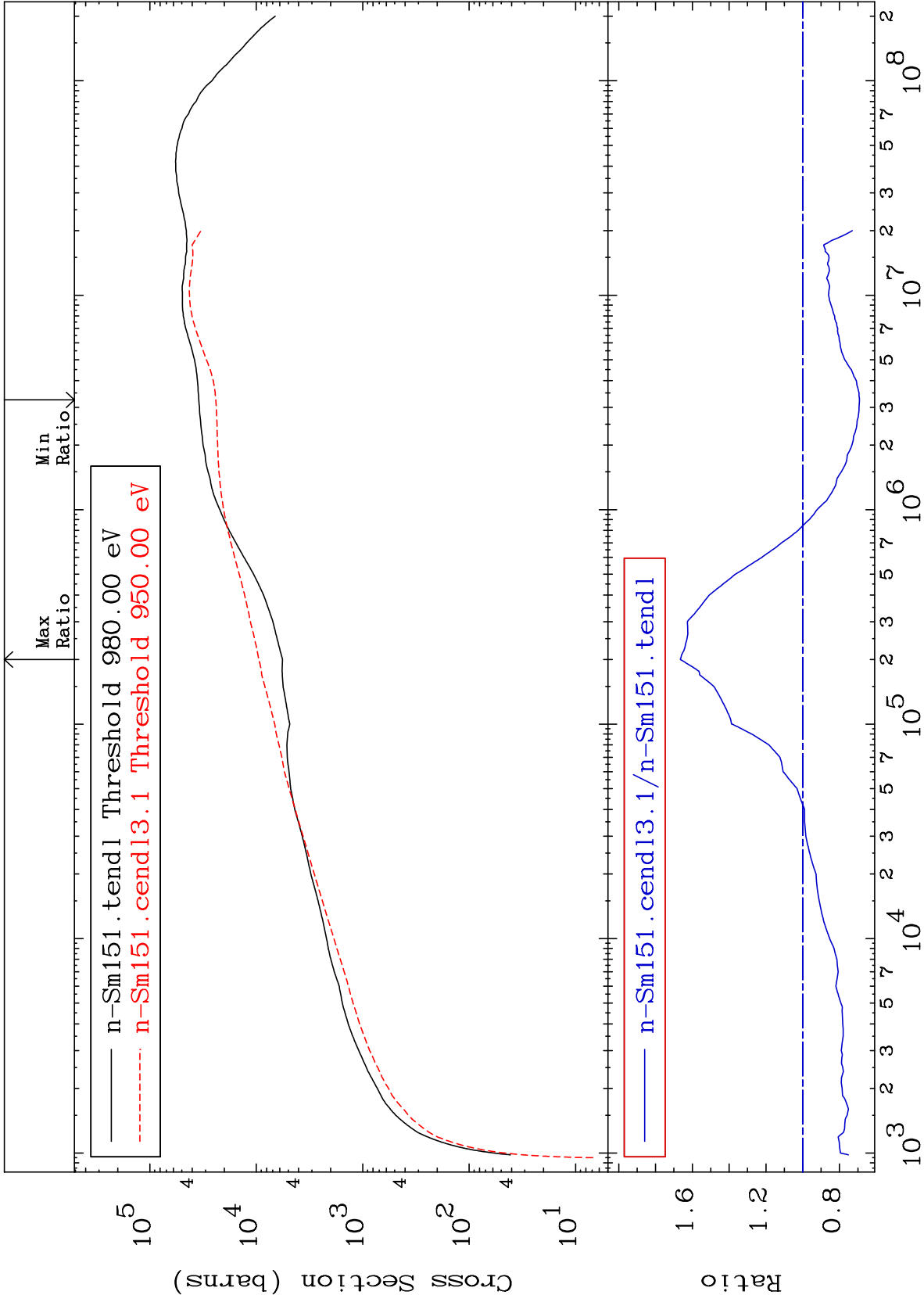
-14.26 To 9999. %



45

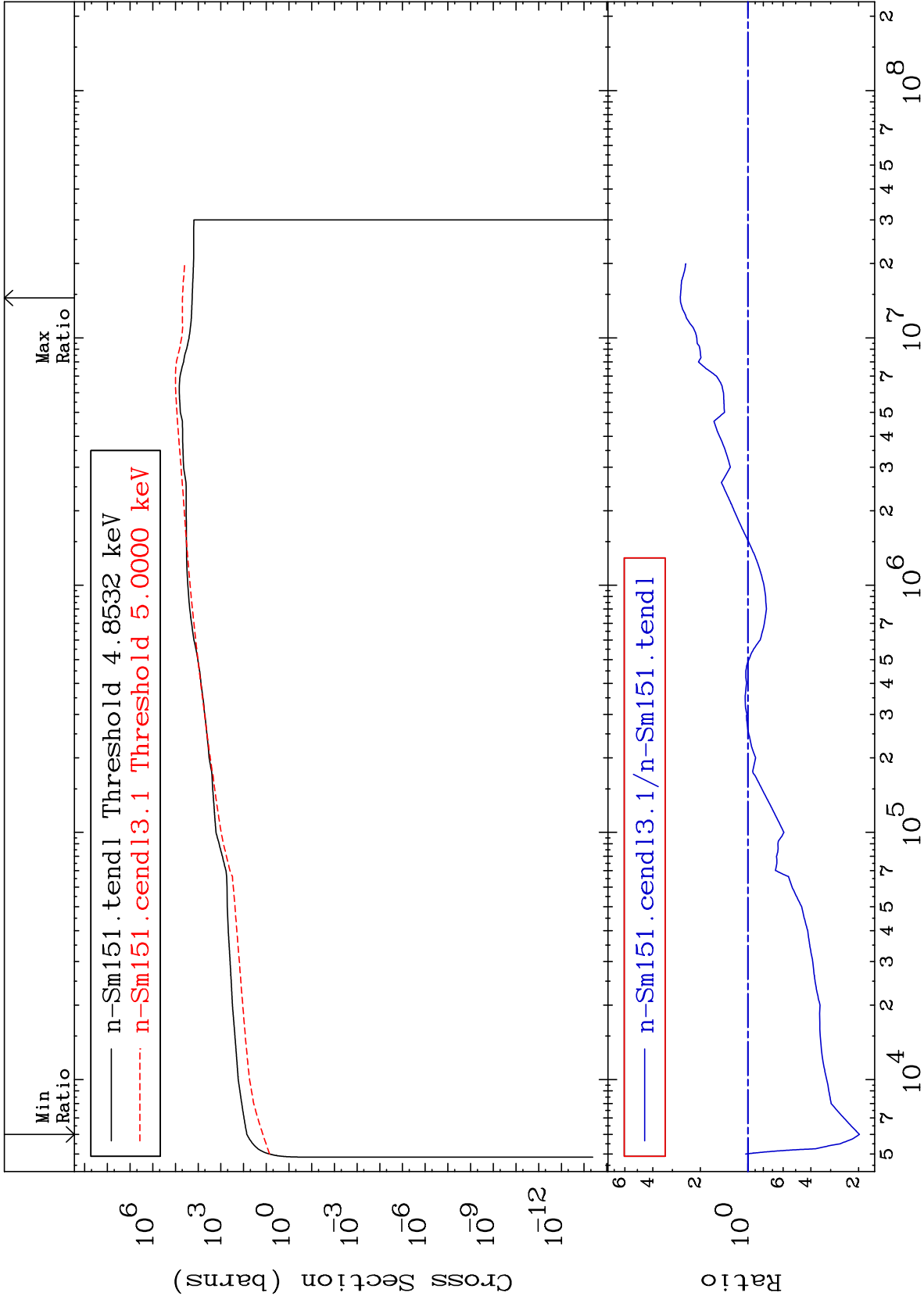
Incident Energy (eV)

62-Sm-151



Cross Section

-80.26 To 167.5 %



Cross Section

-37.65 To 9999. %

