

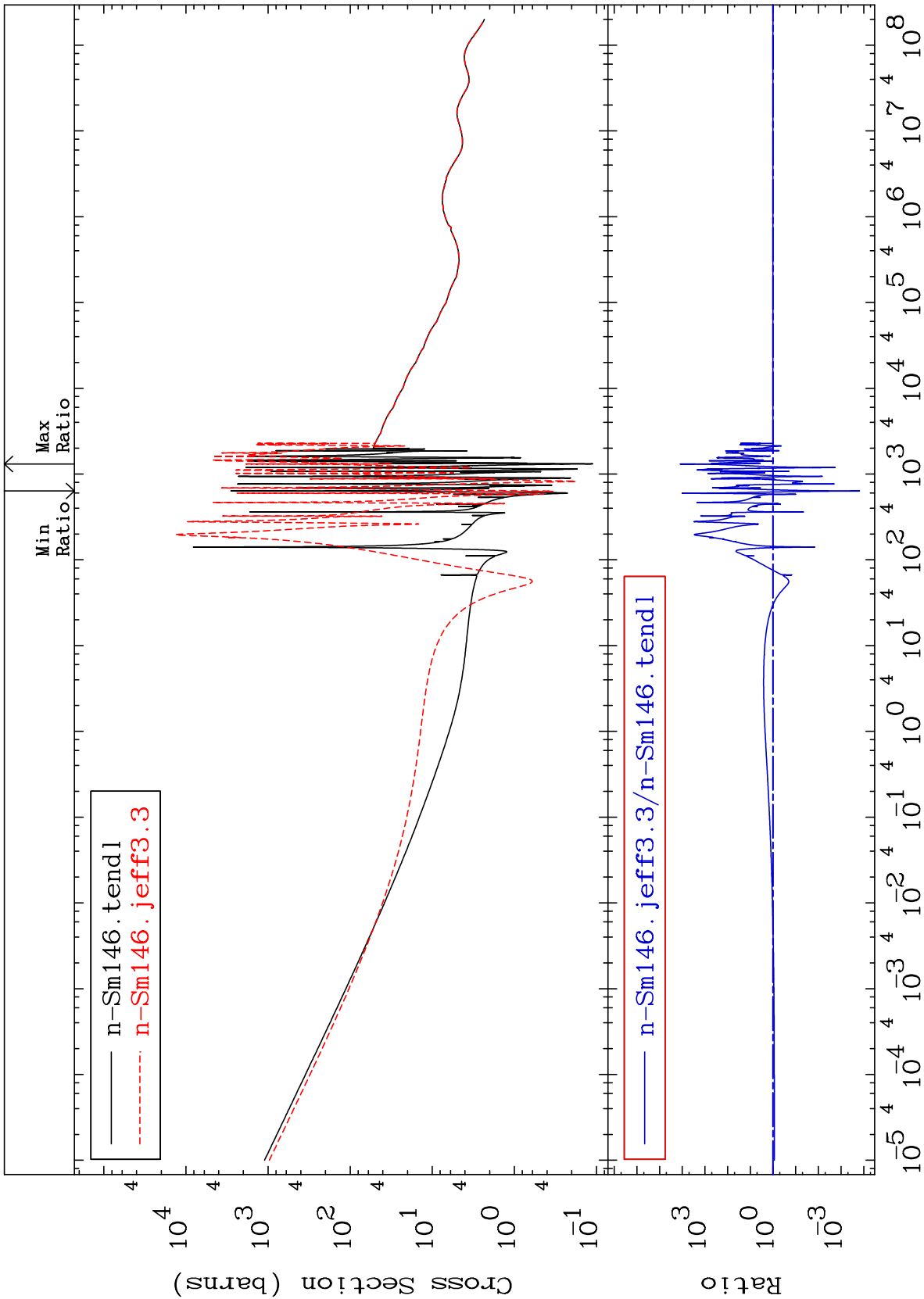
MAT 6231

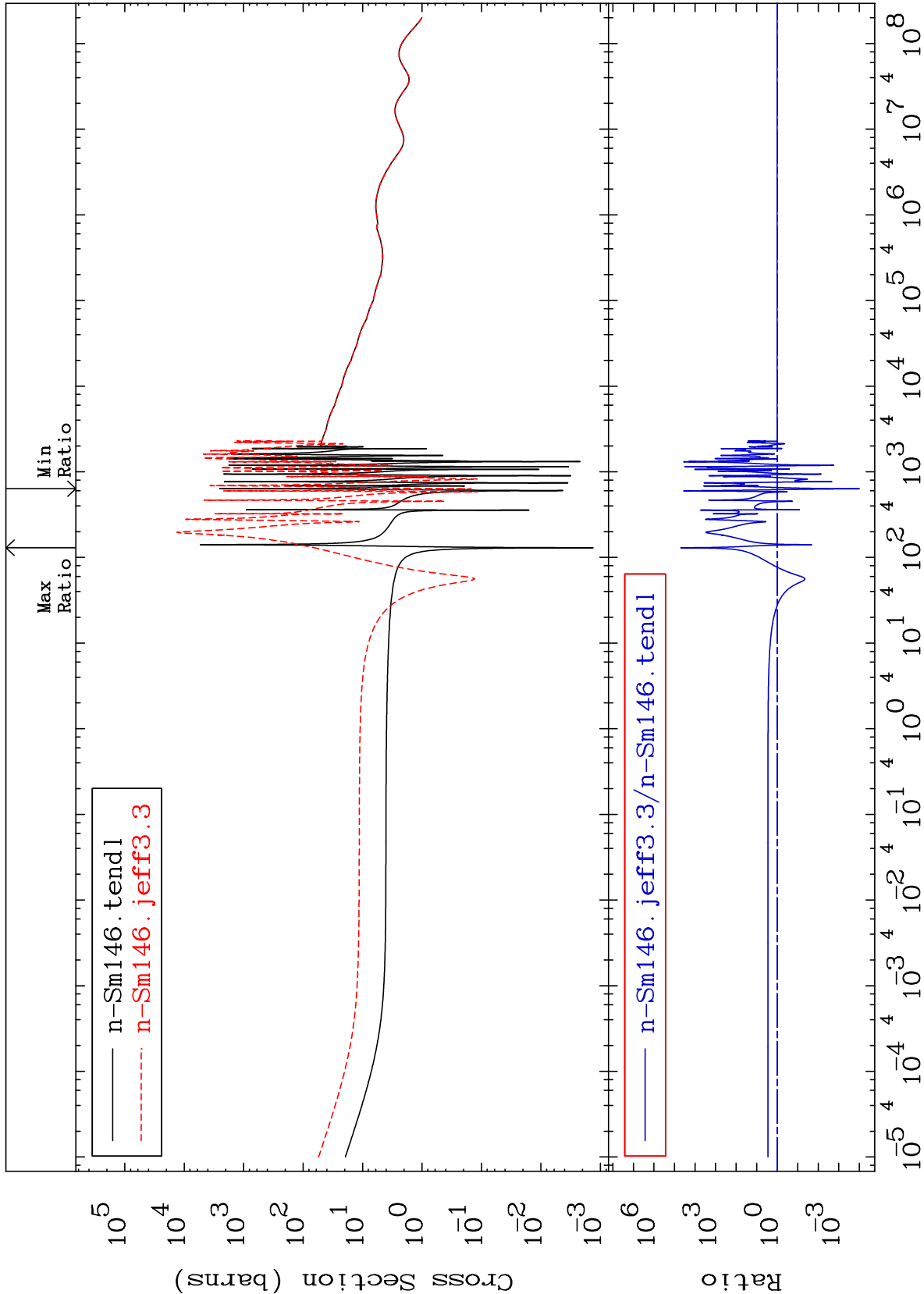
Total

62-Sm-146

Cross Section

-99.98 To 9999. %



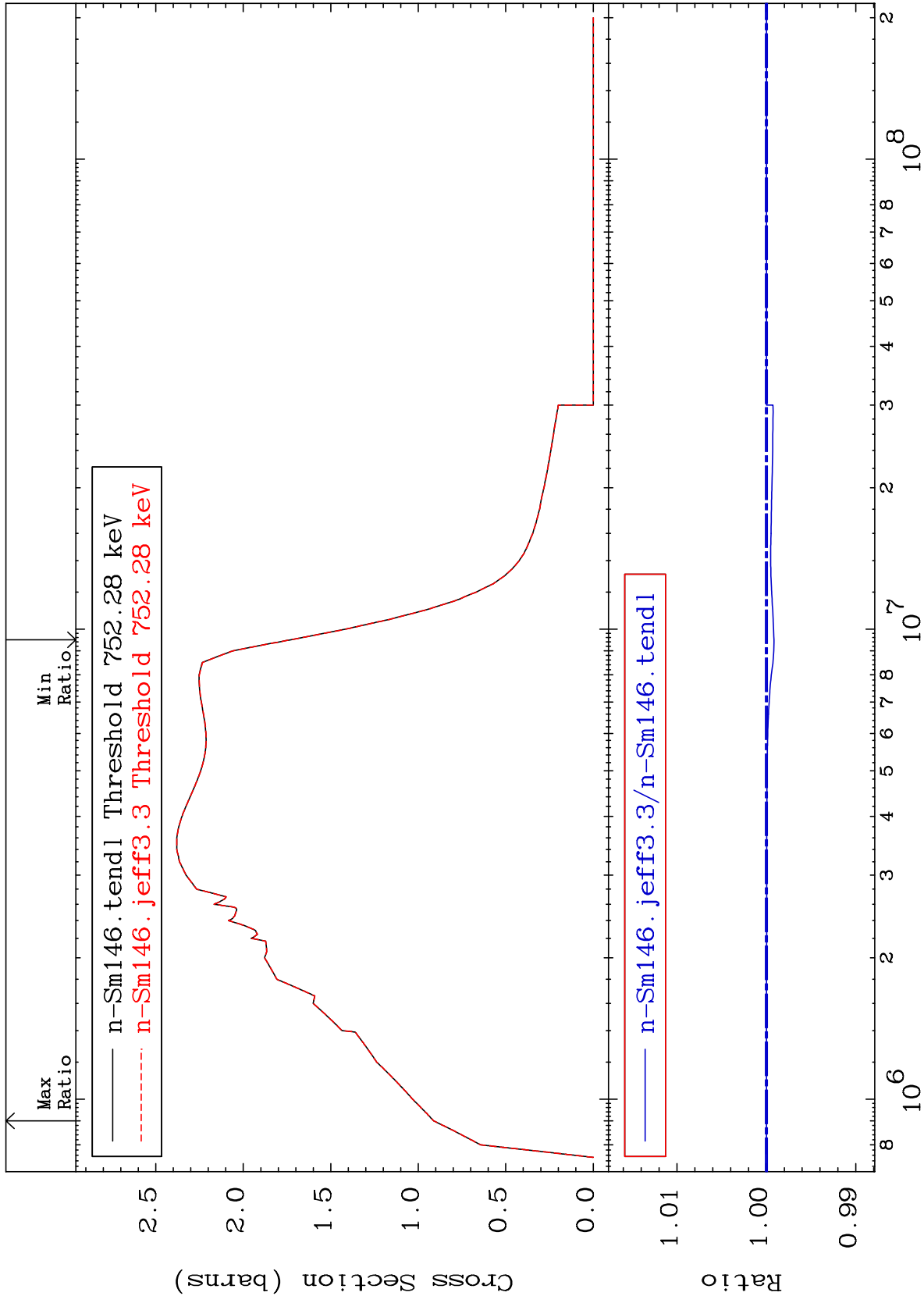


MAT 6231

Inelastic
Cross Section

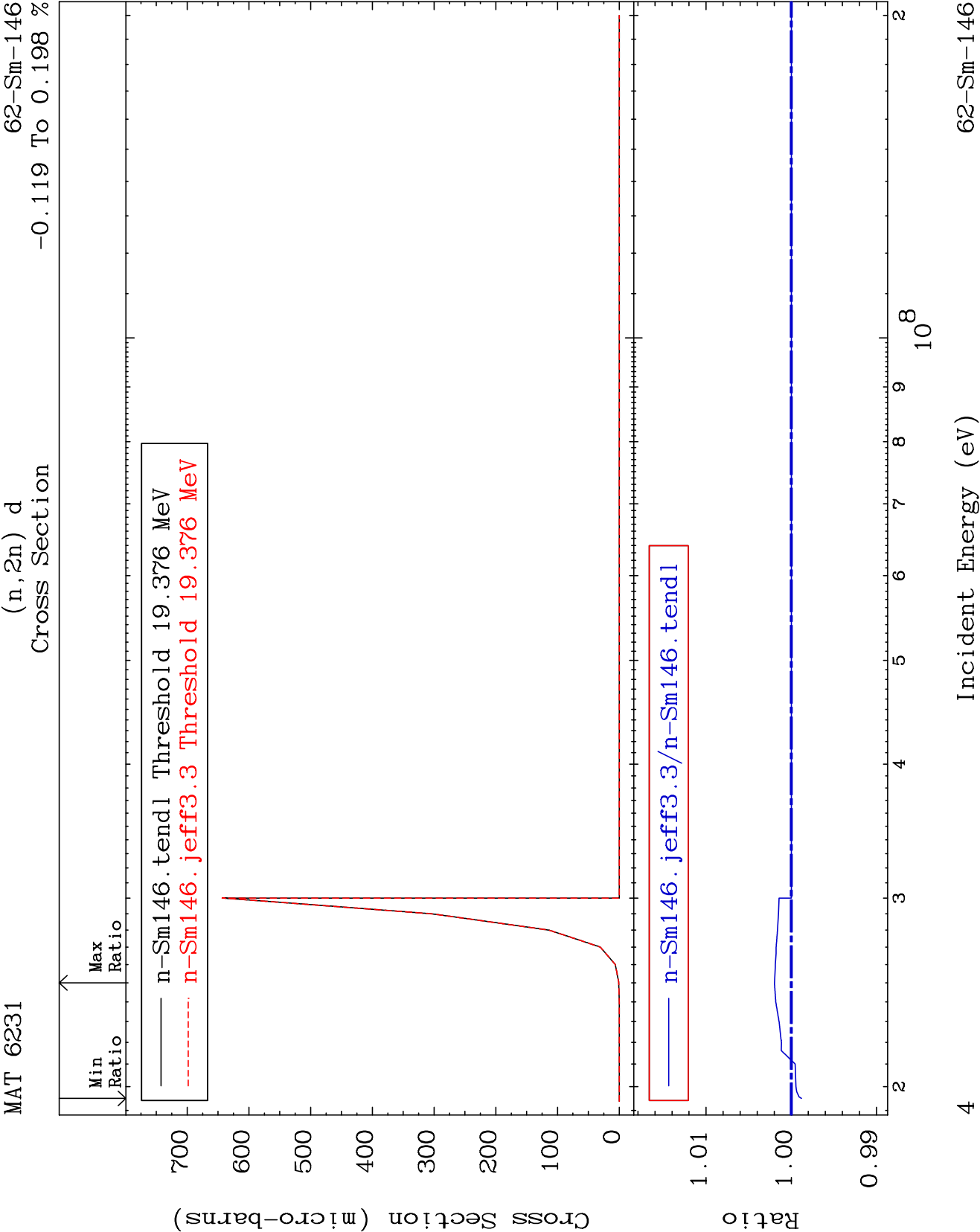
62-Sm-146

-0.084 To 0.000 %



Incident Energy (eV)

62-Sm-146



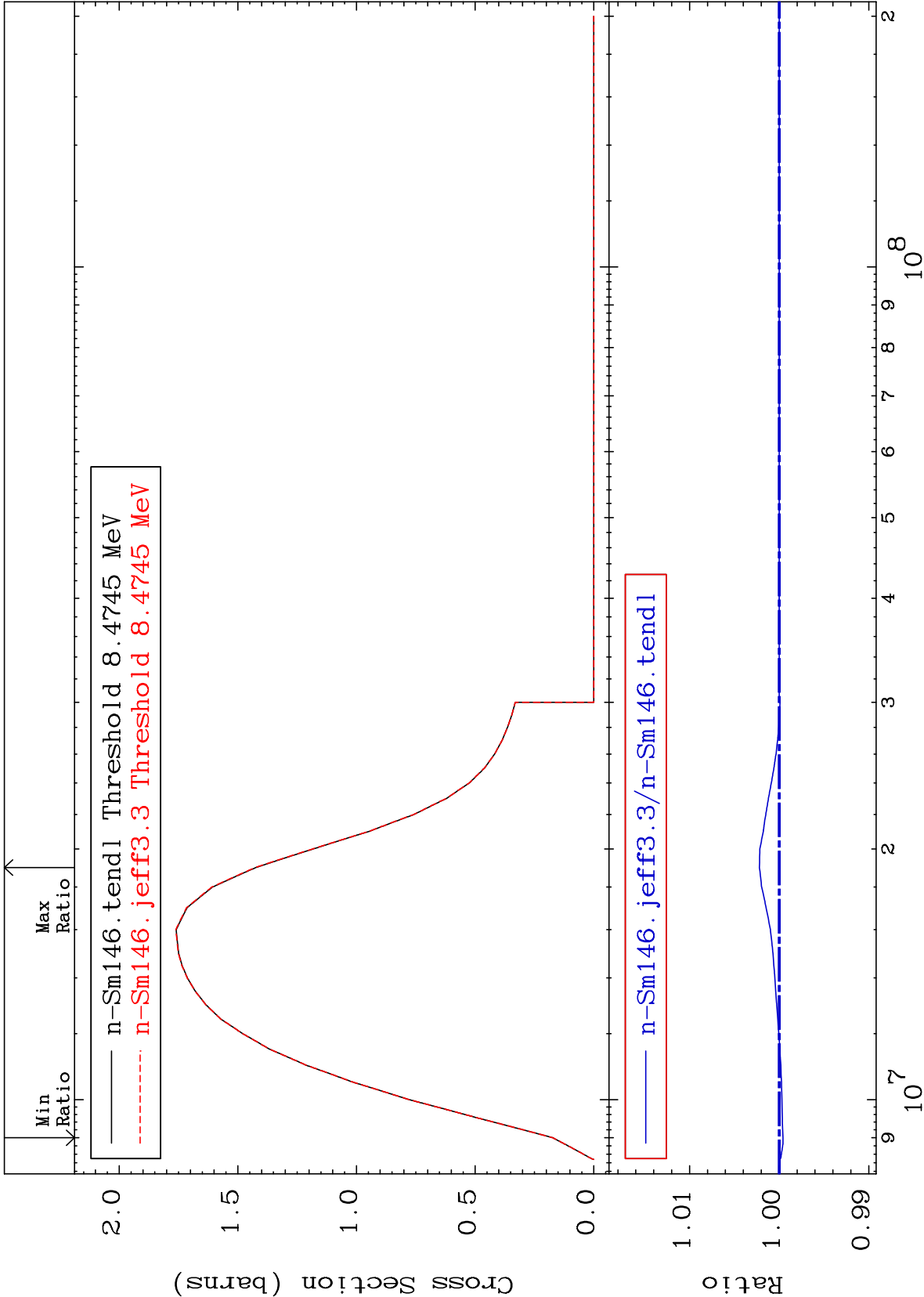
MAT 6231

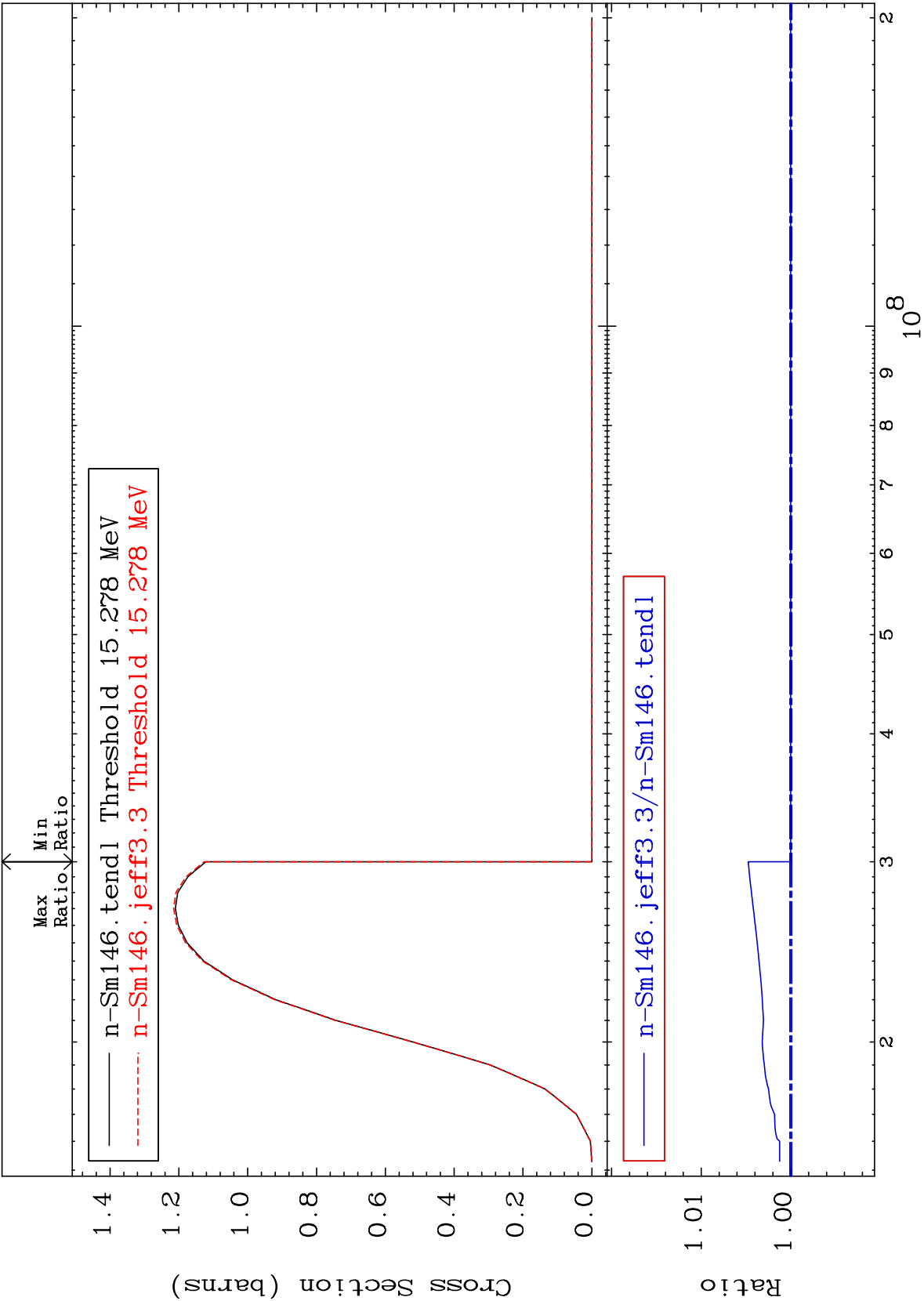
(n,2n)

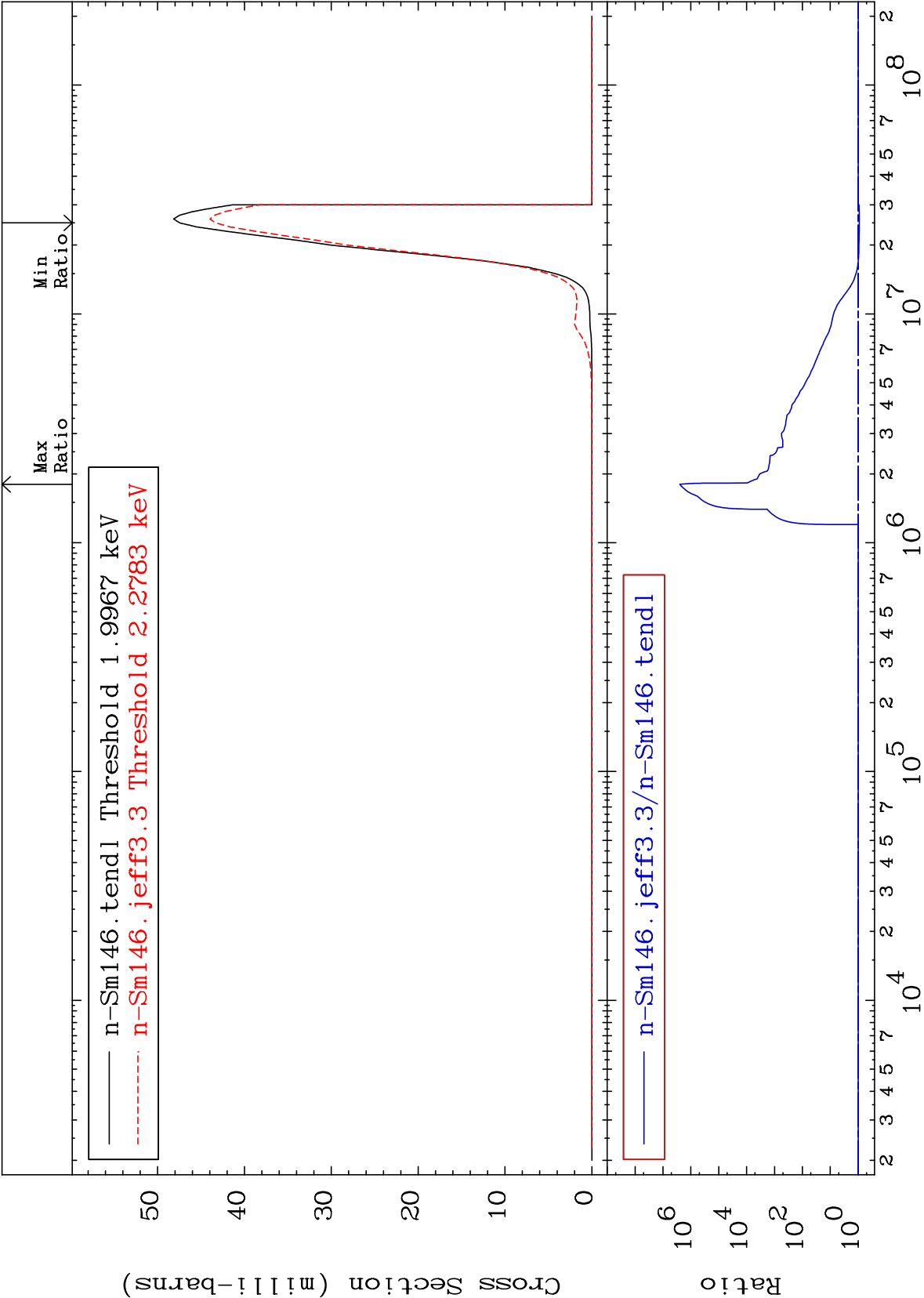
62-Sm-146

Cross Section

-0.042 To 0.220 %

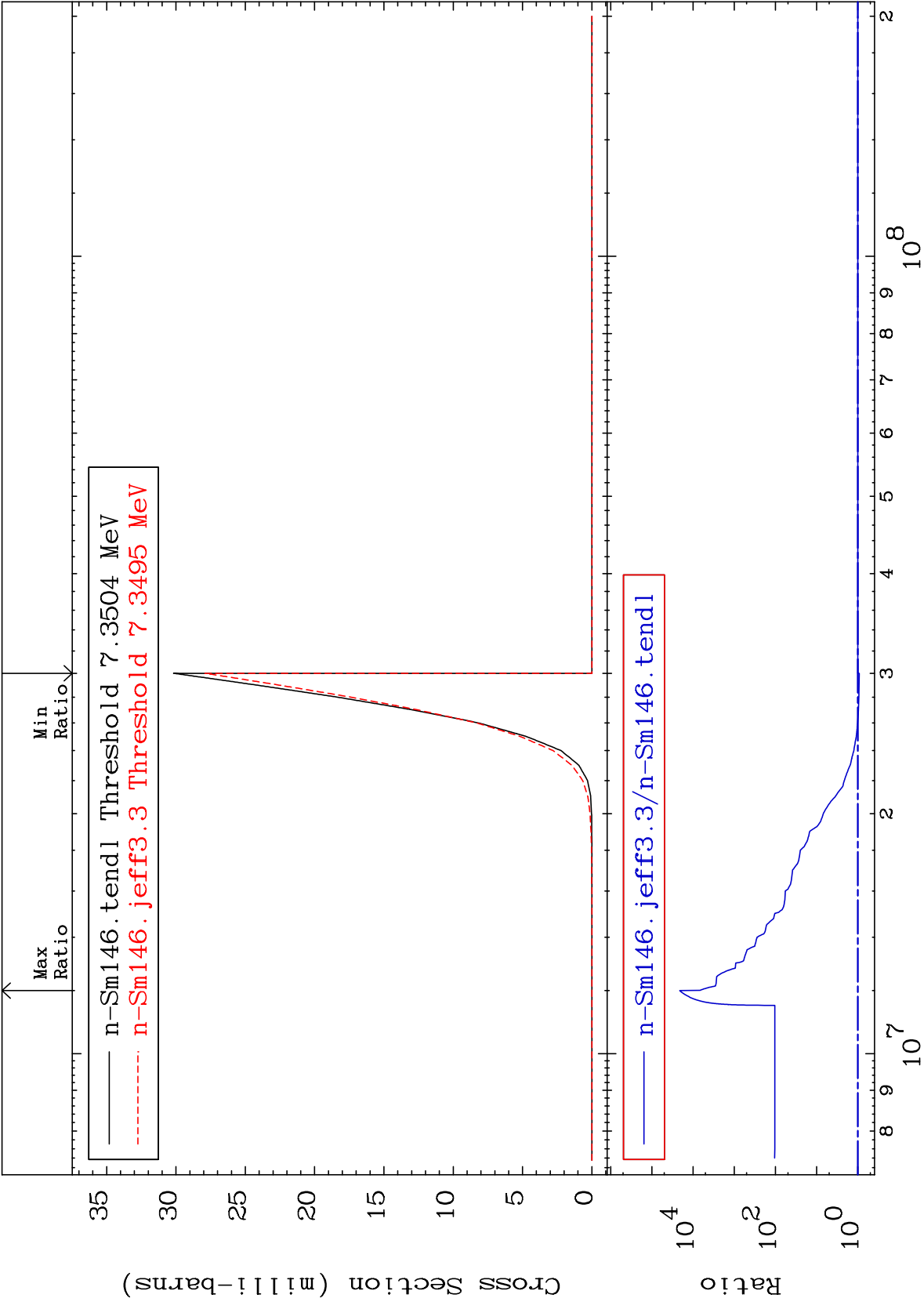


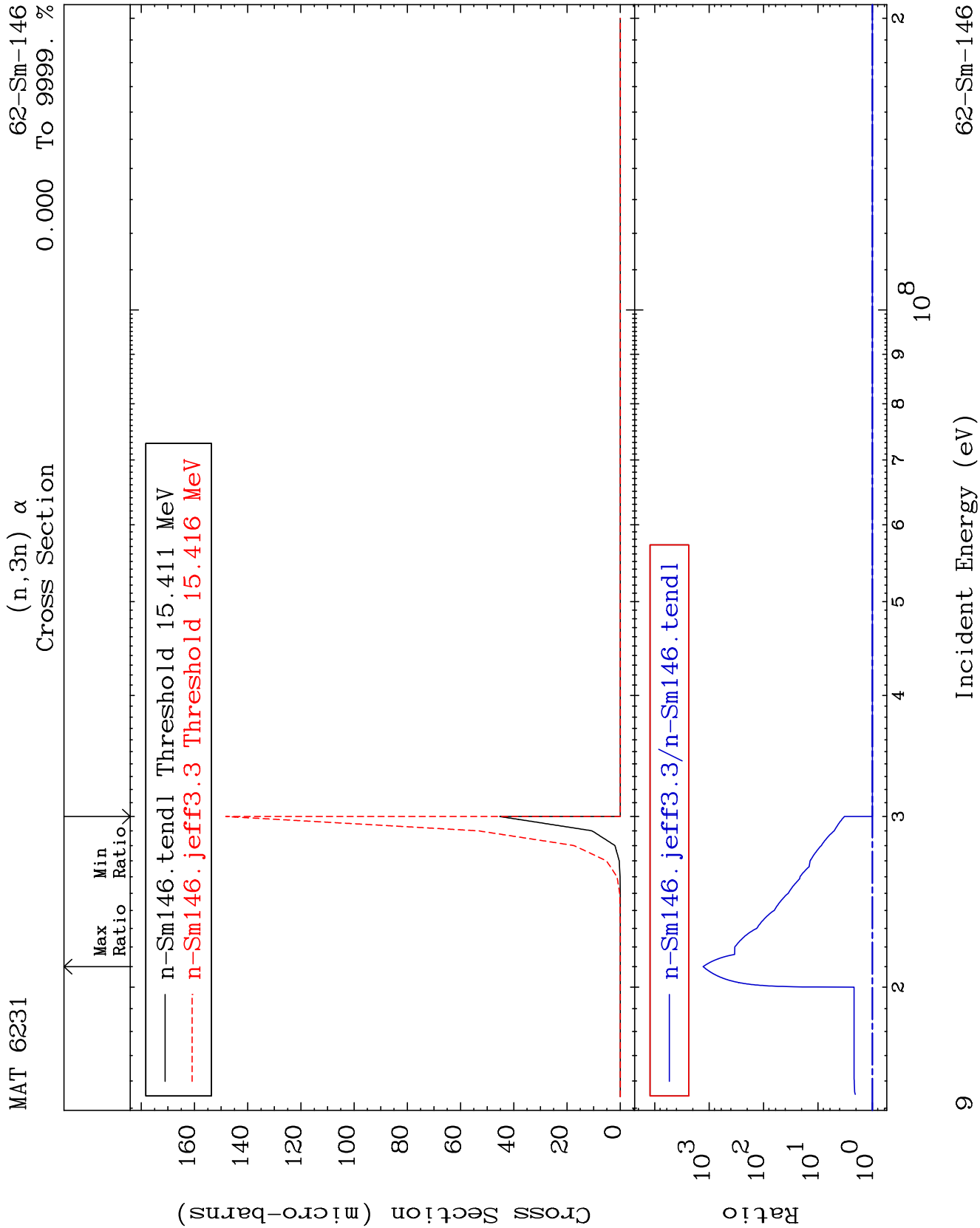




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(n,2n) α Cross Section
62-Sm-146
-7.517 To 9999. %

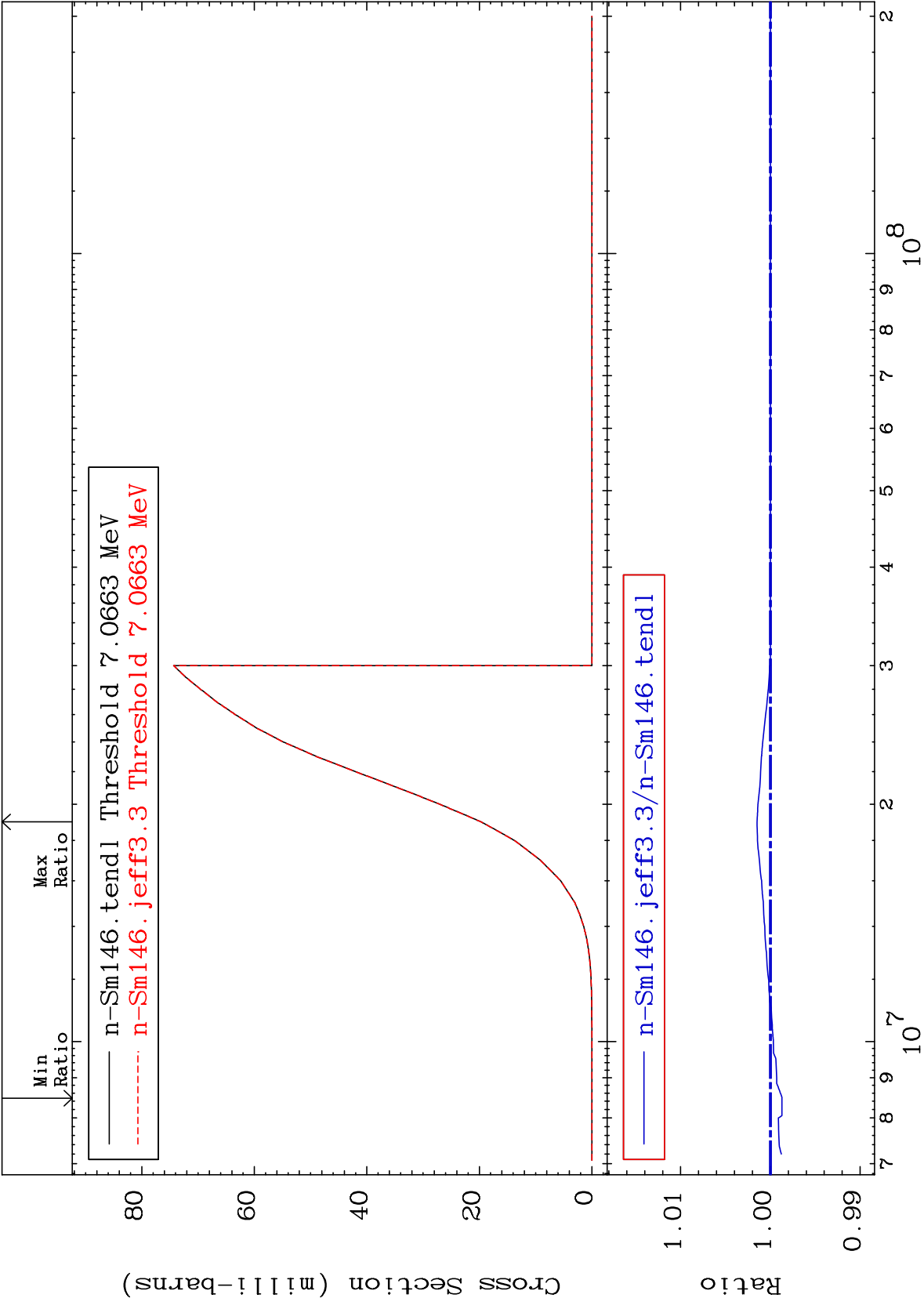




MAT 6231

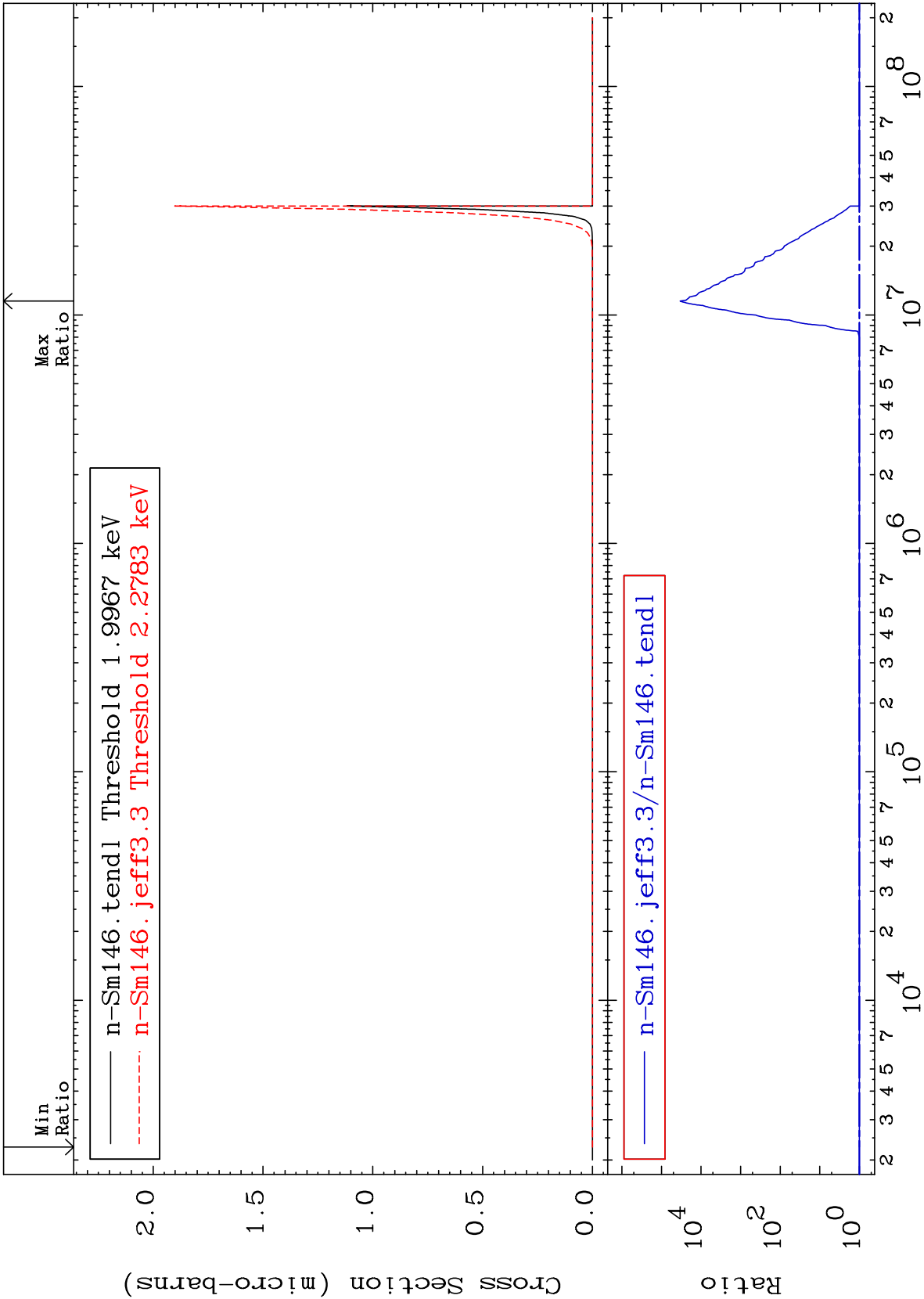
(n,n') p
Cross Section

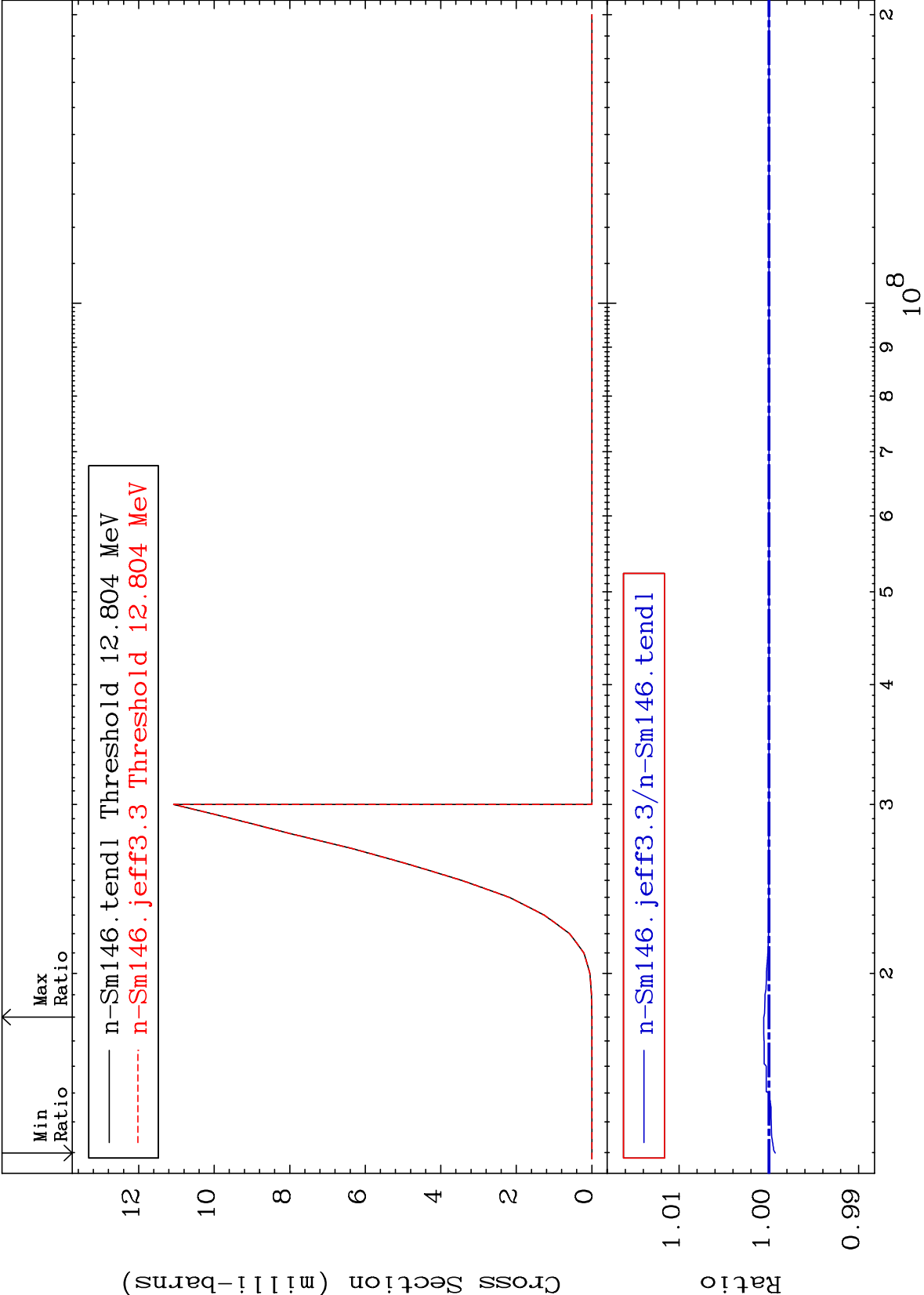
62-Sm-146
-0.129 To 0.149 %

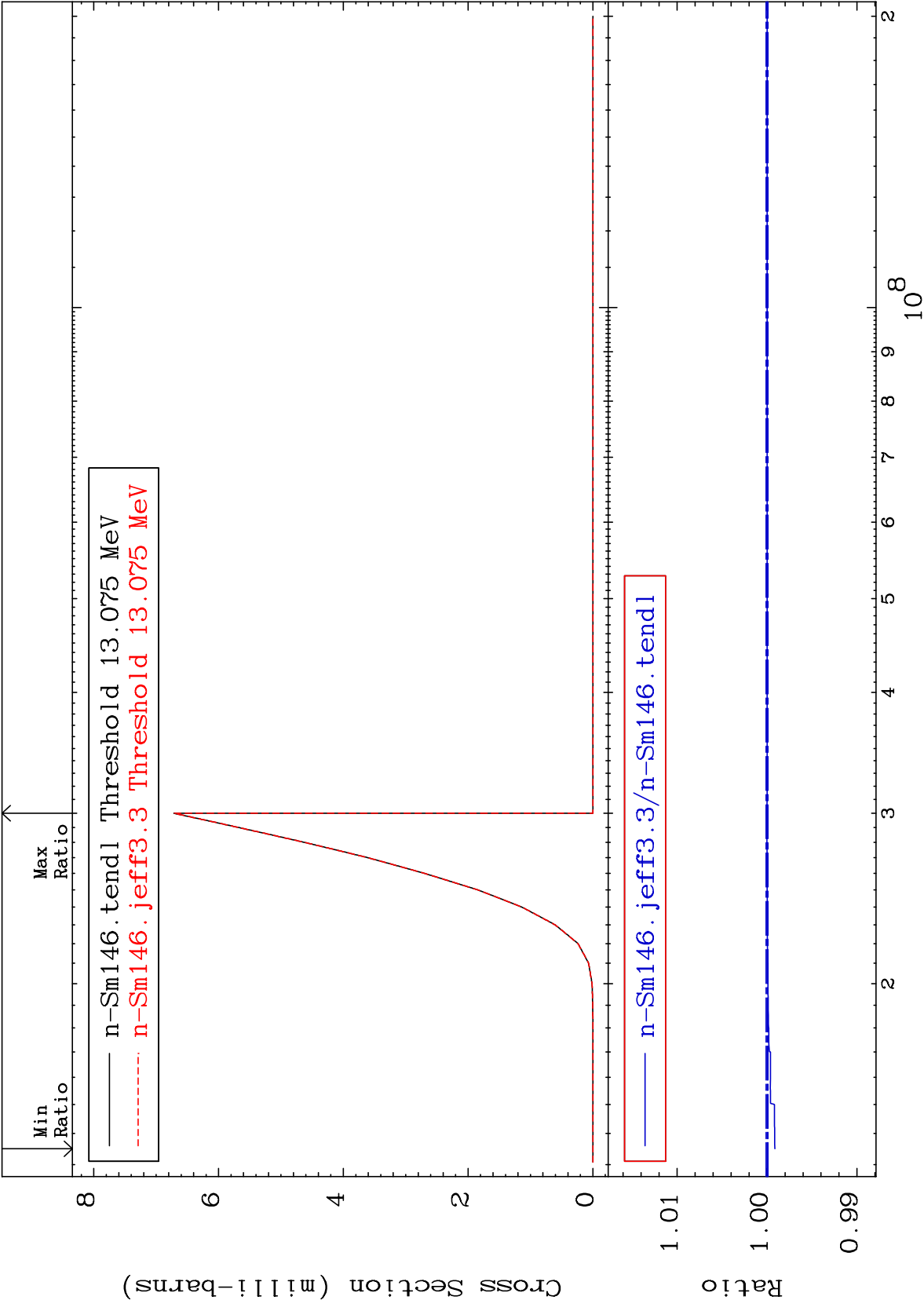


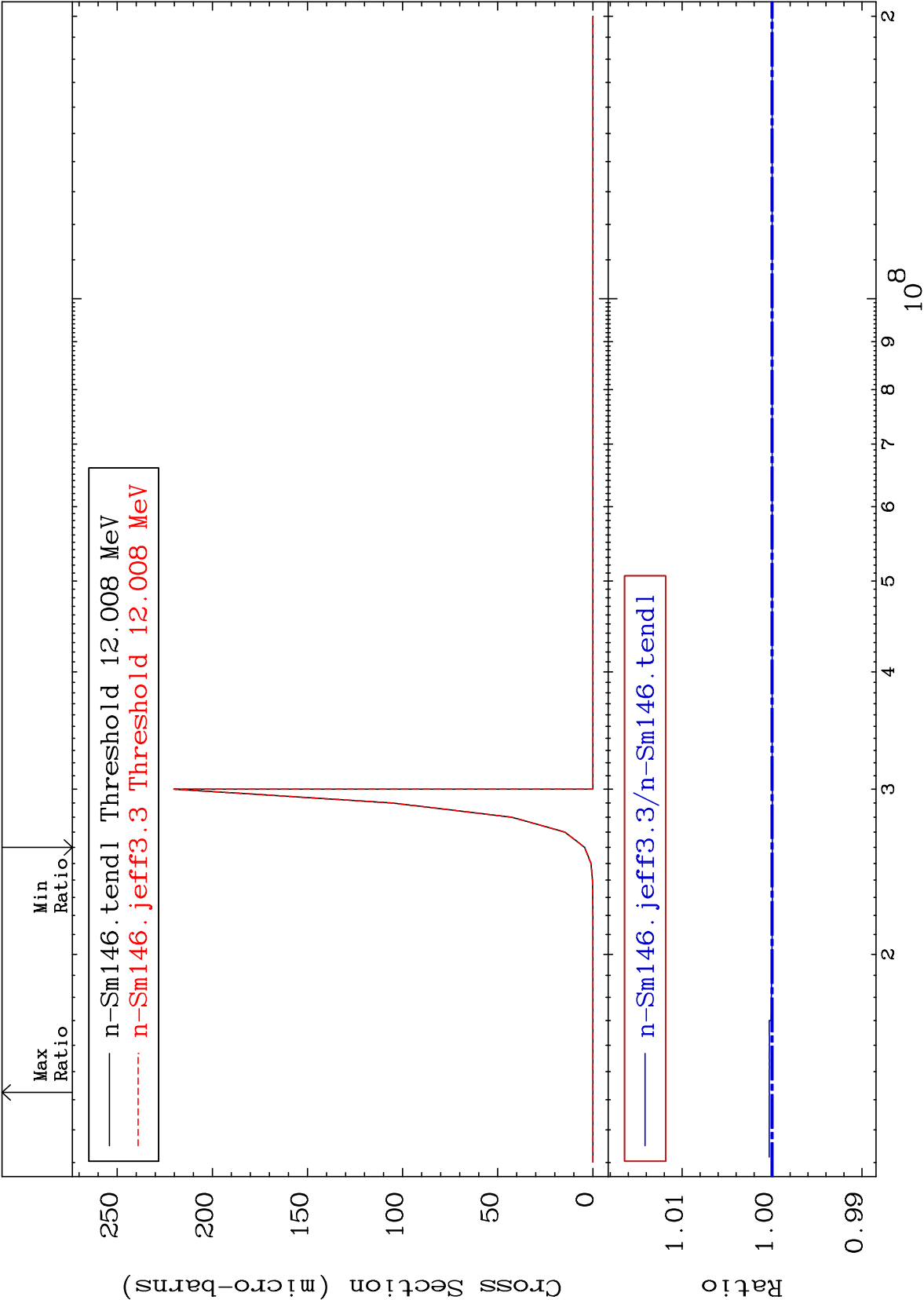
Incident Energy (eV)

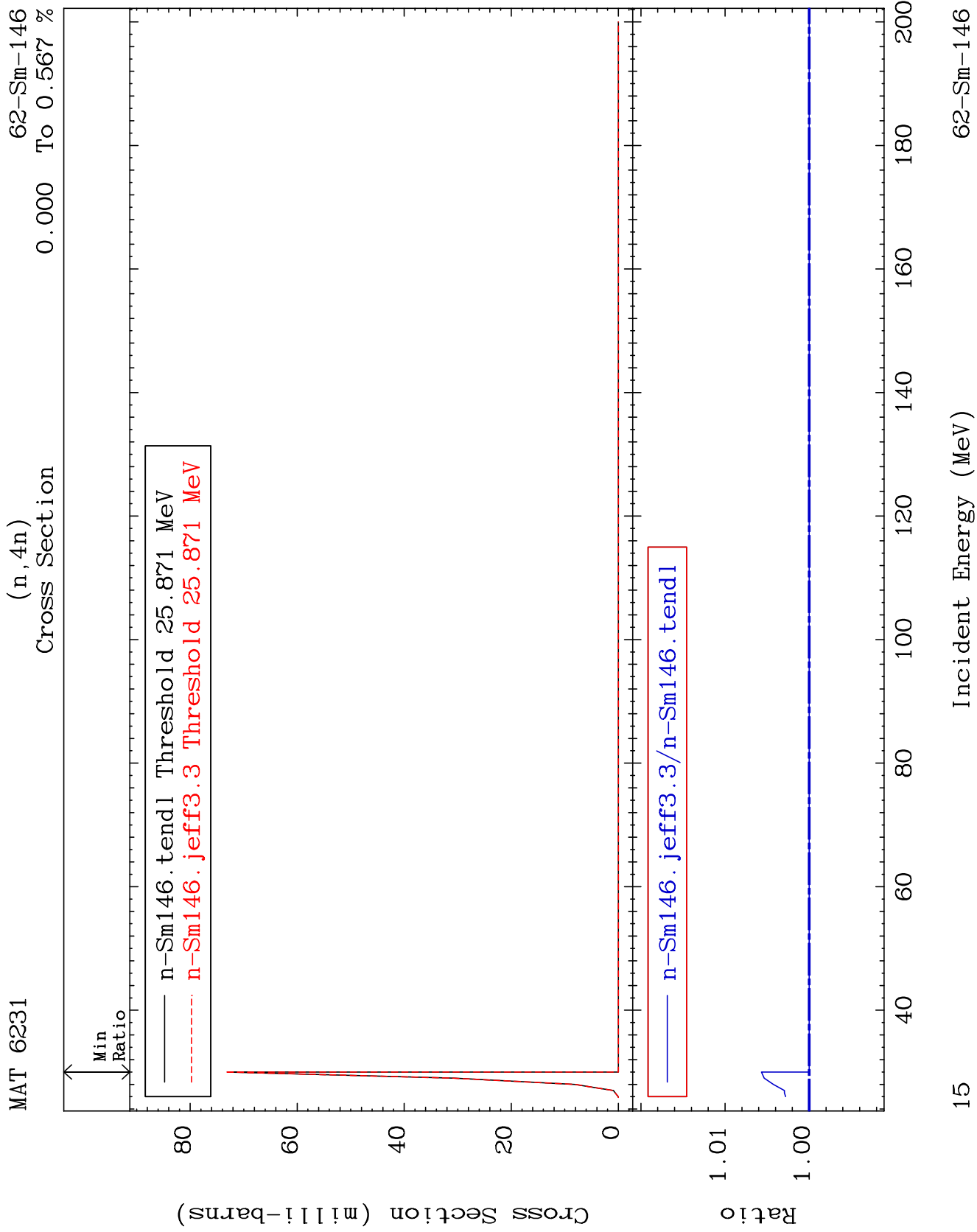
62-Sm-146

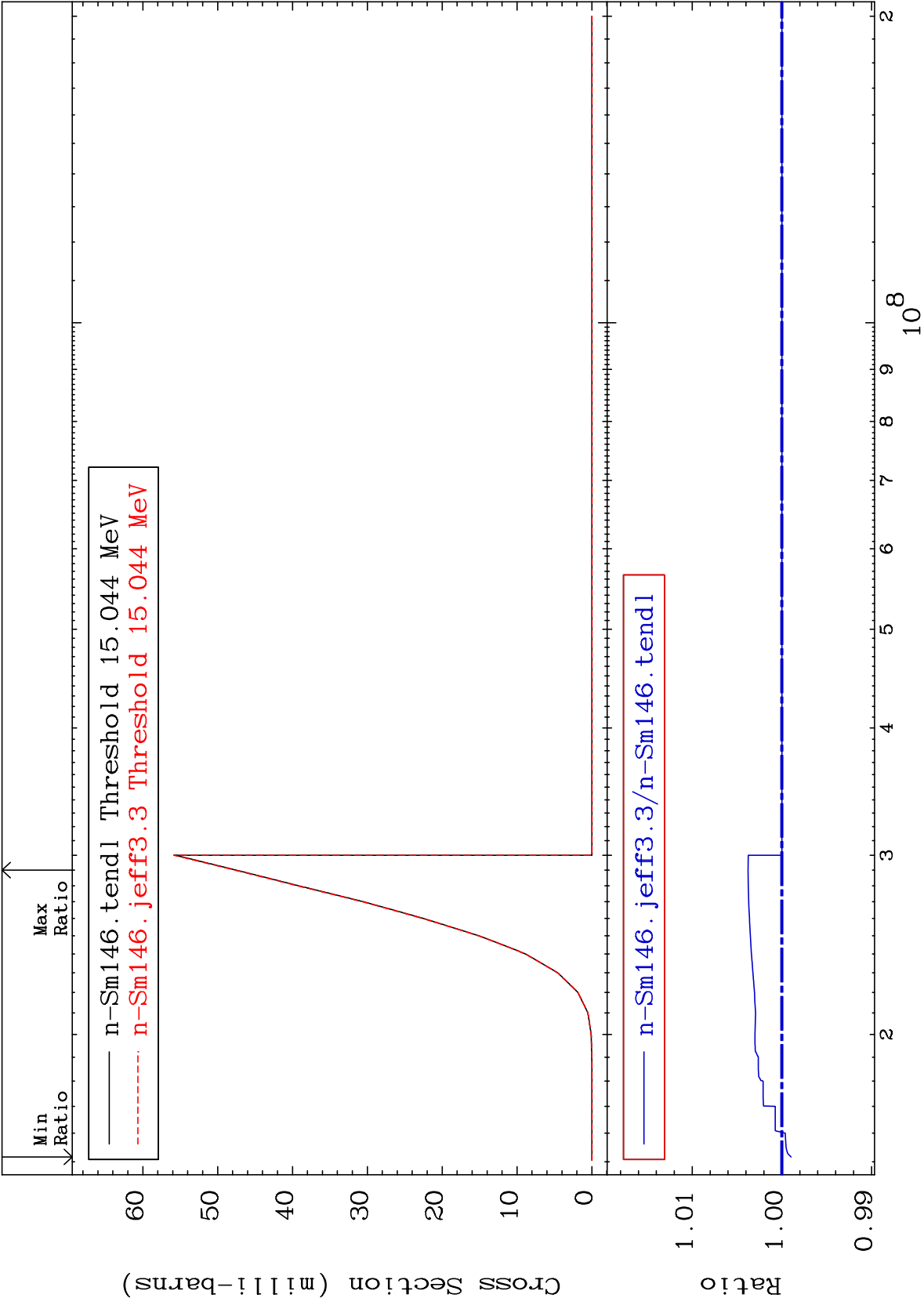


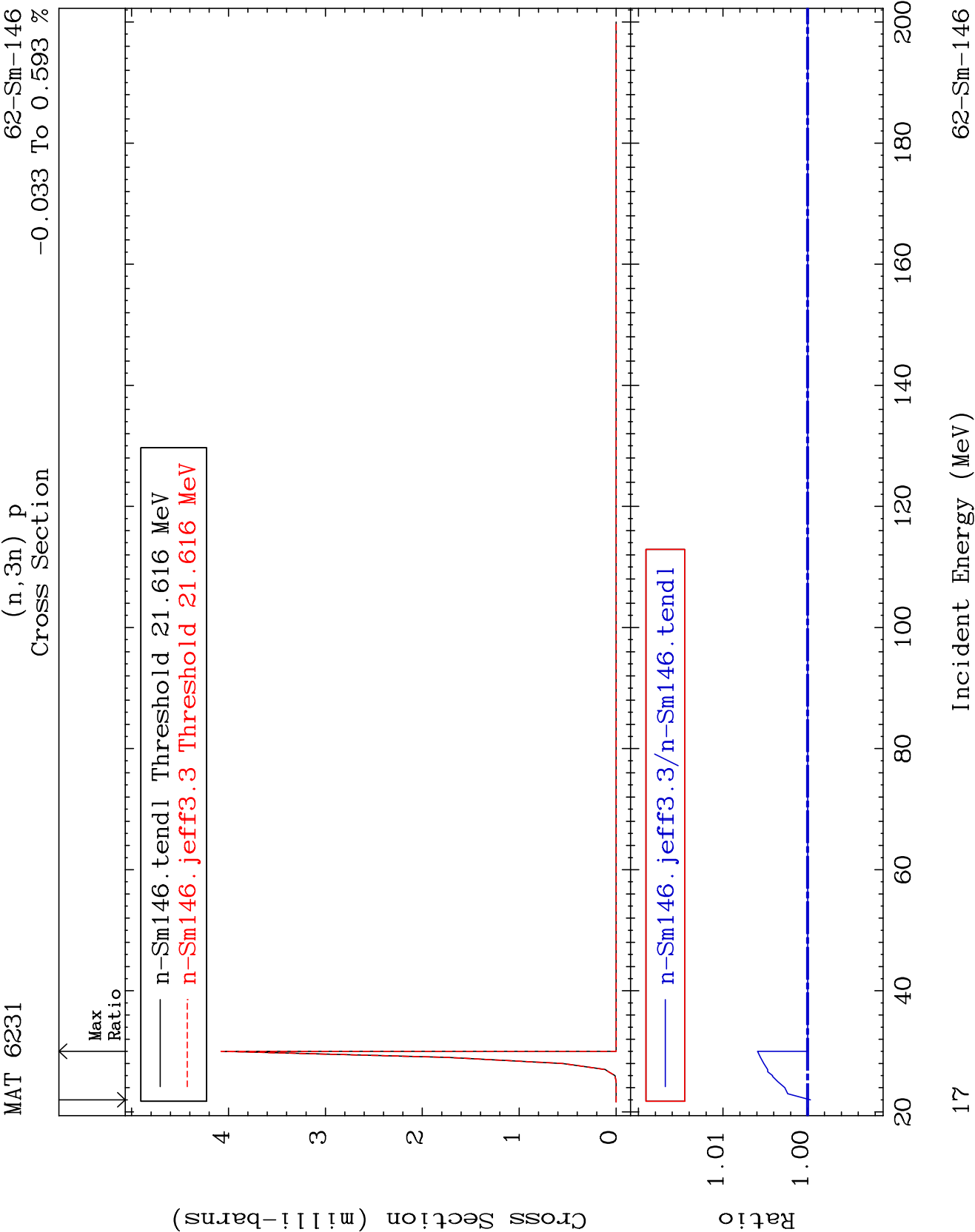


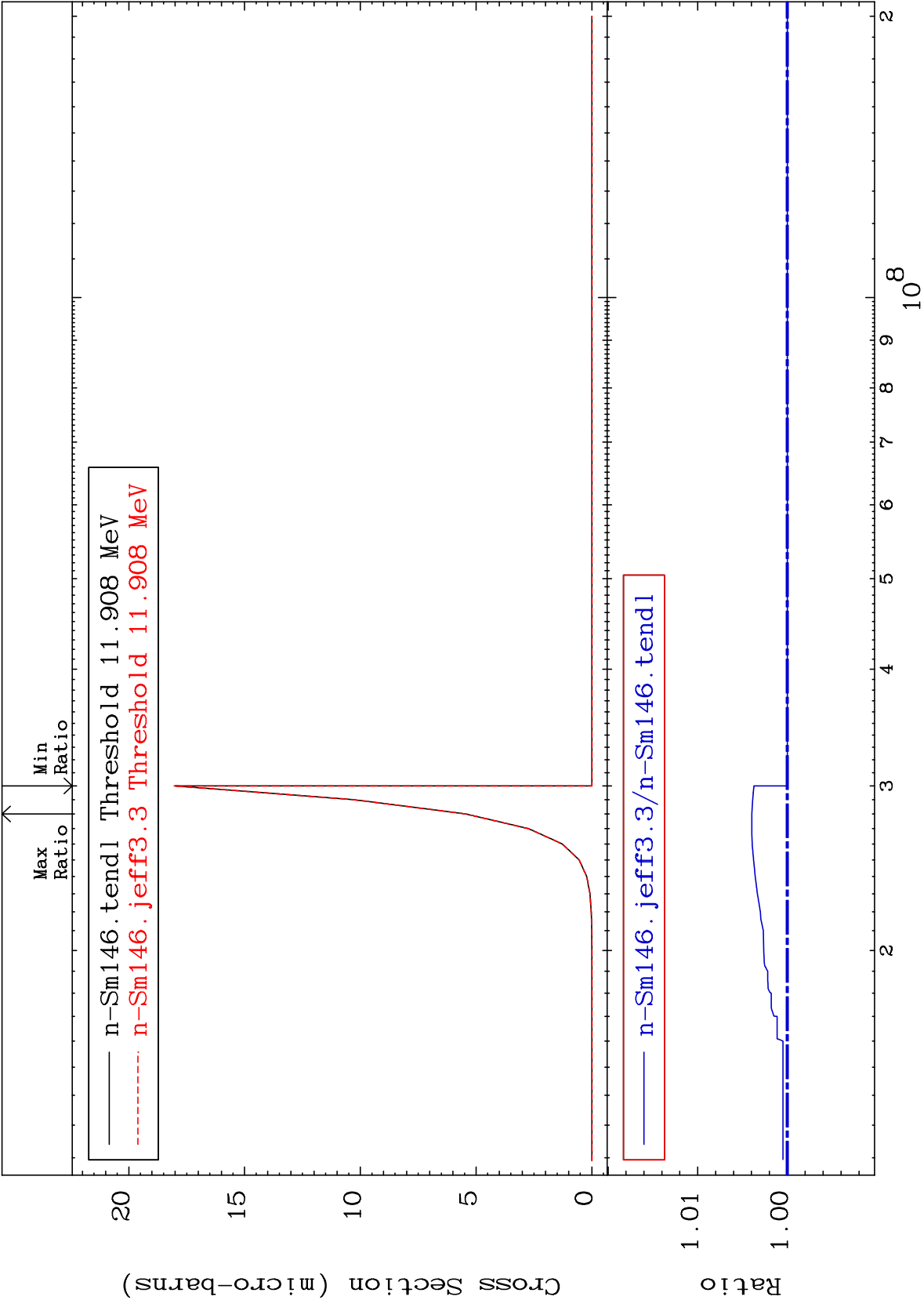


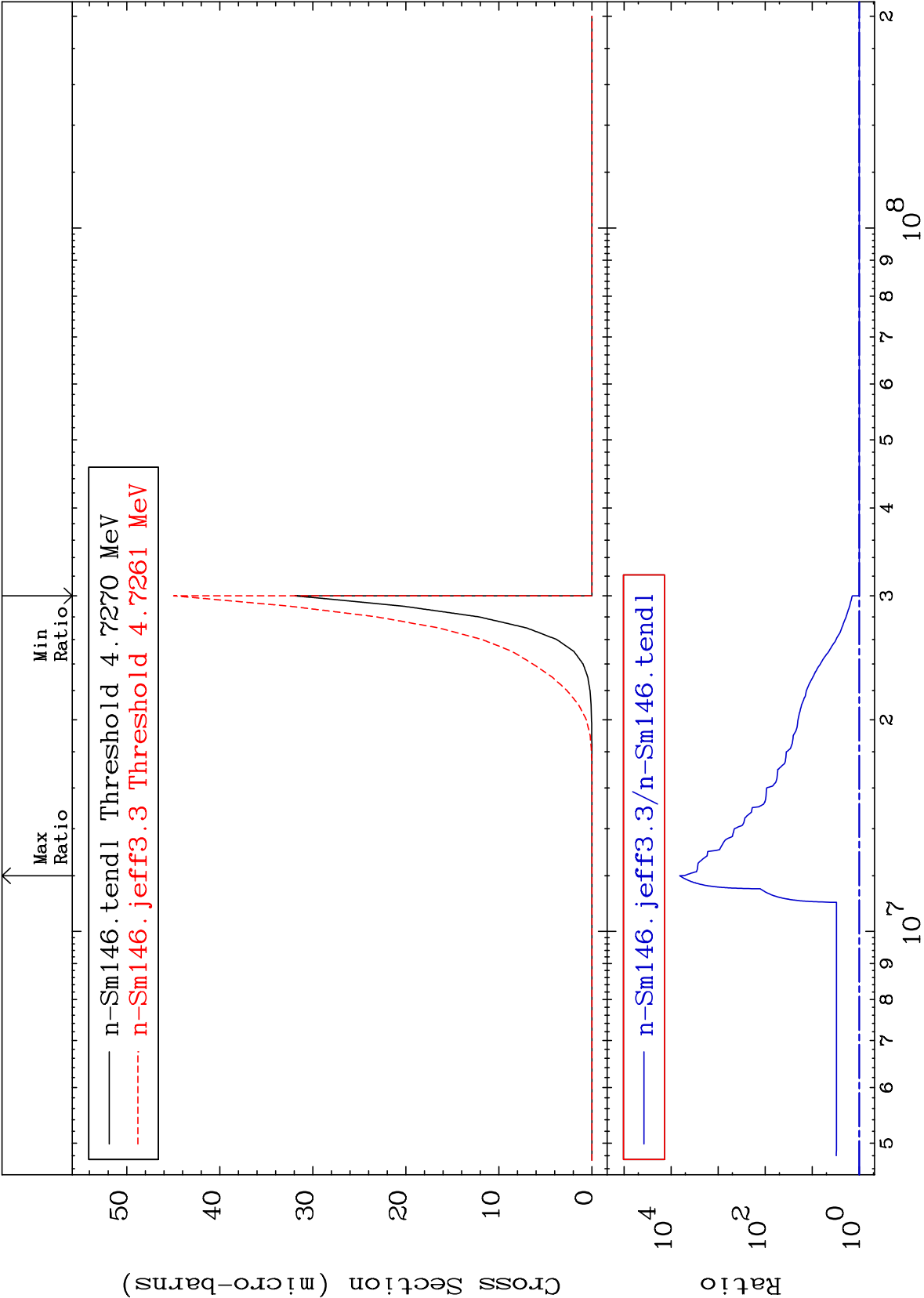












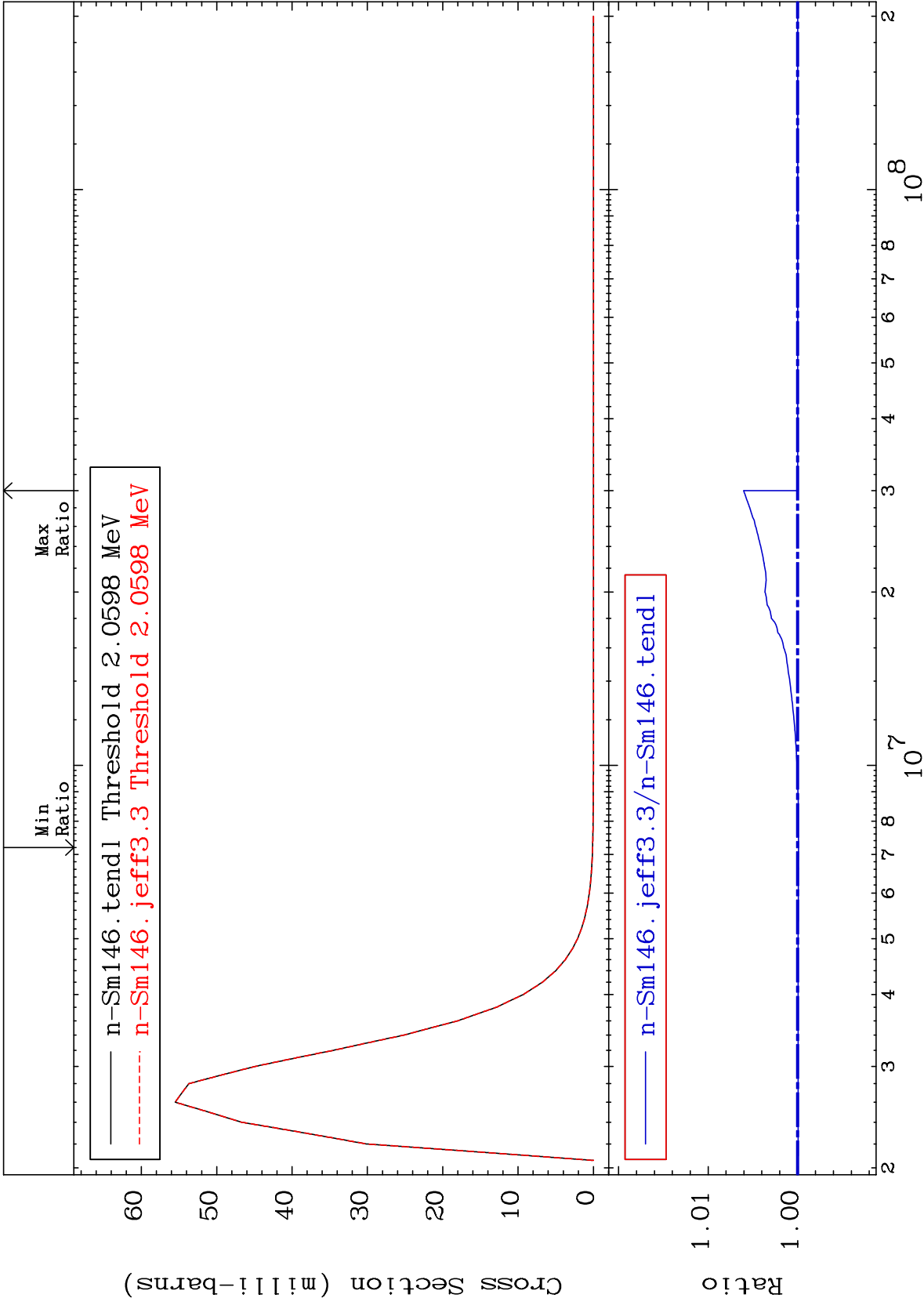
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MT= 56 (n,n') Level

62-Sm-146

-0.010 To 0.604 %

Cross Section



20

Incident Energy (eV)

62-Sm-146

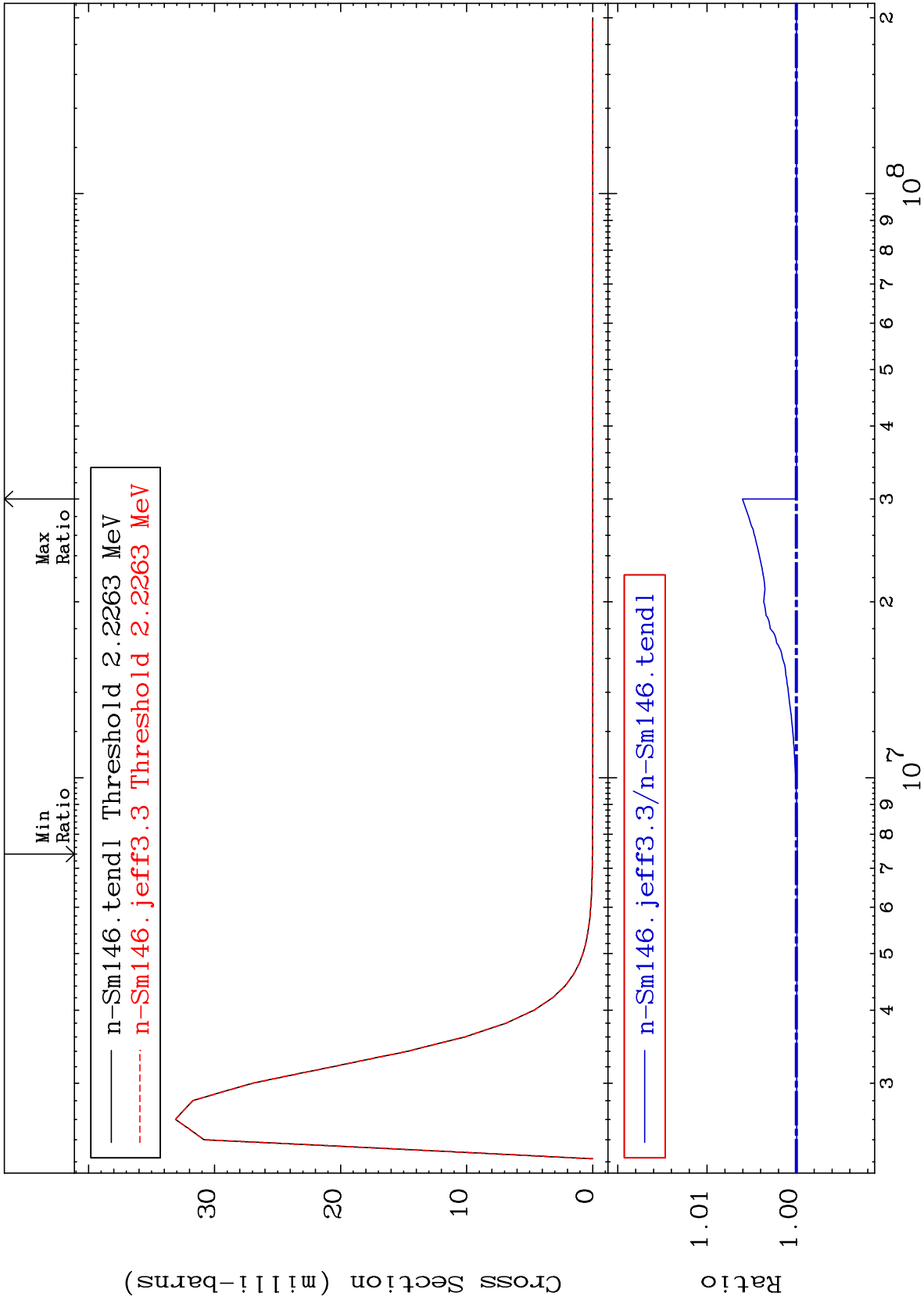
MAT 6231

MT= 59 (n,n') Level

62-Sm-146

-0.011 To 0.604 %

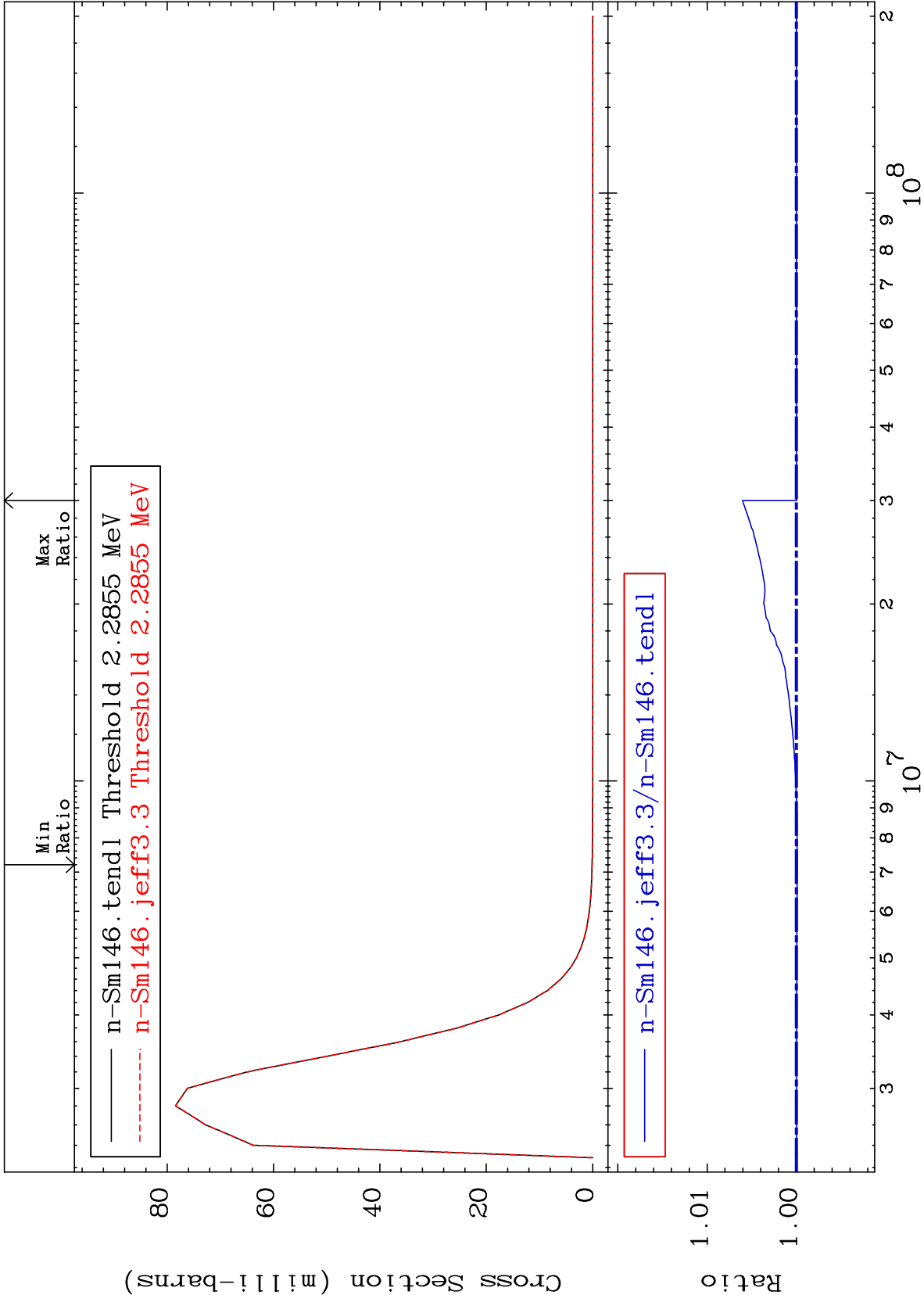
Cross Section

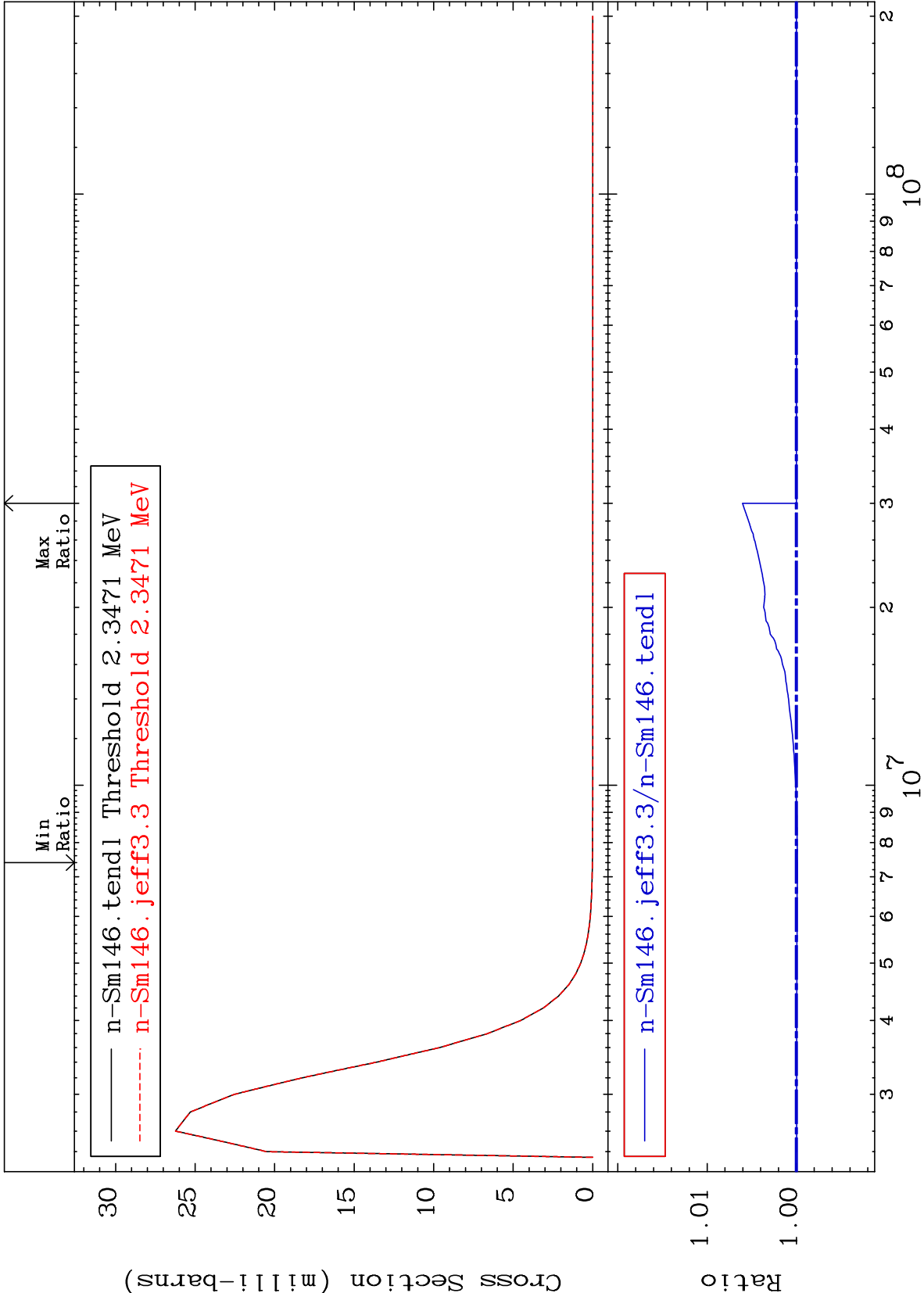


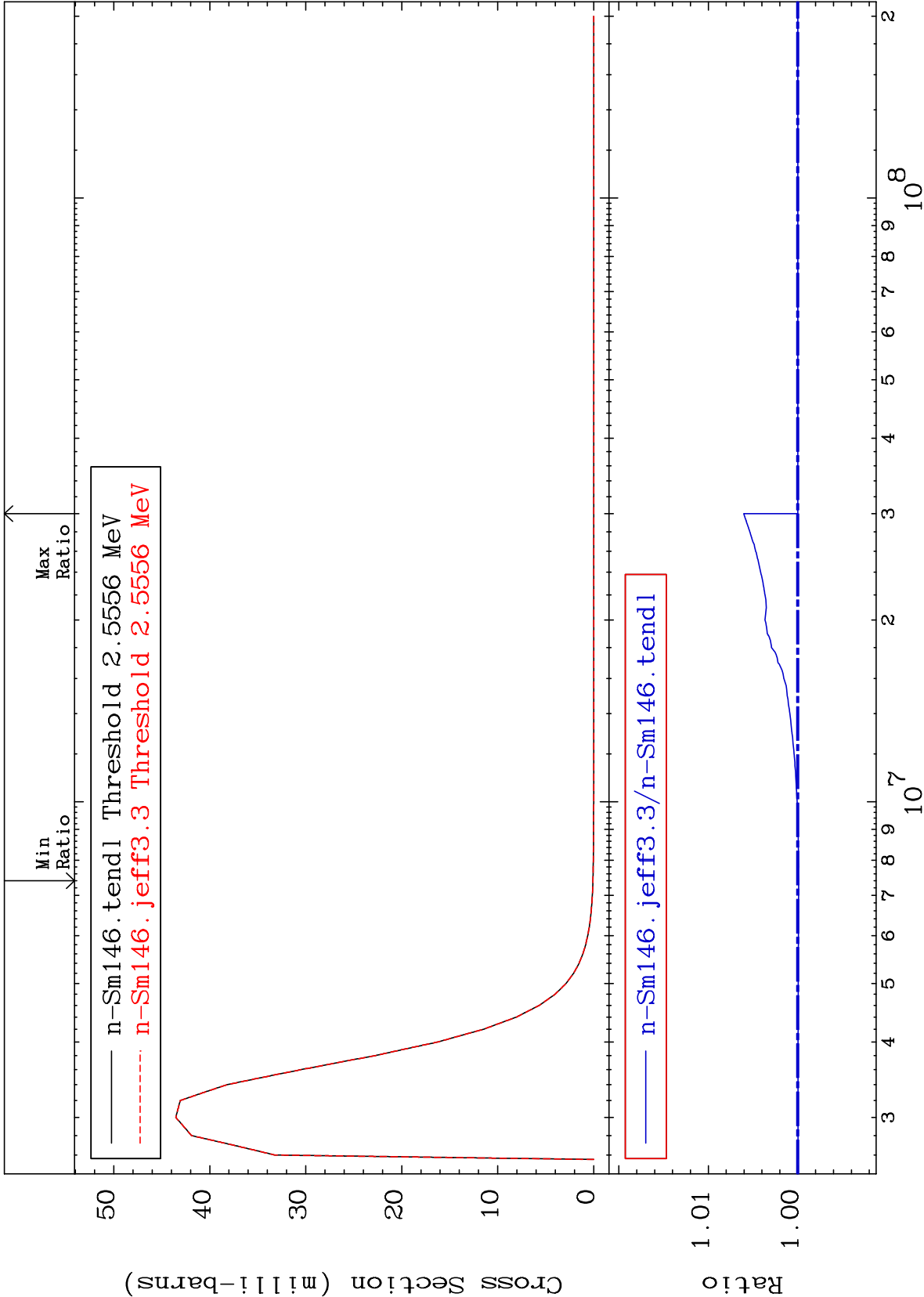
21

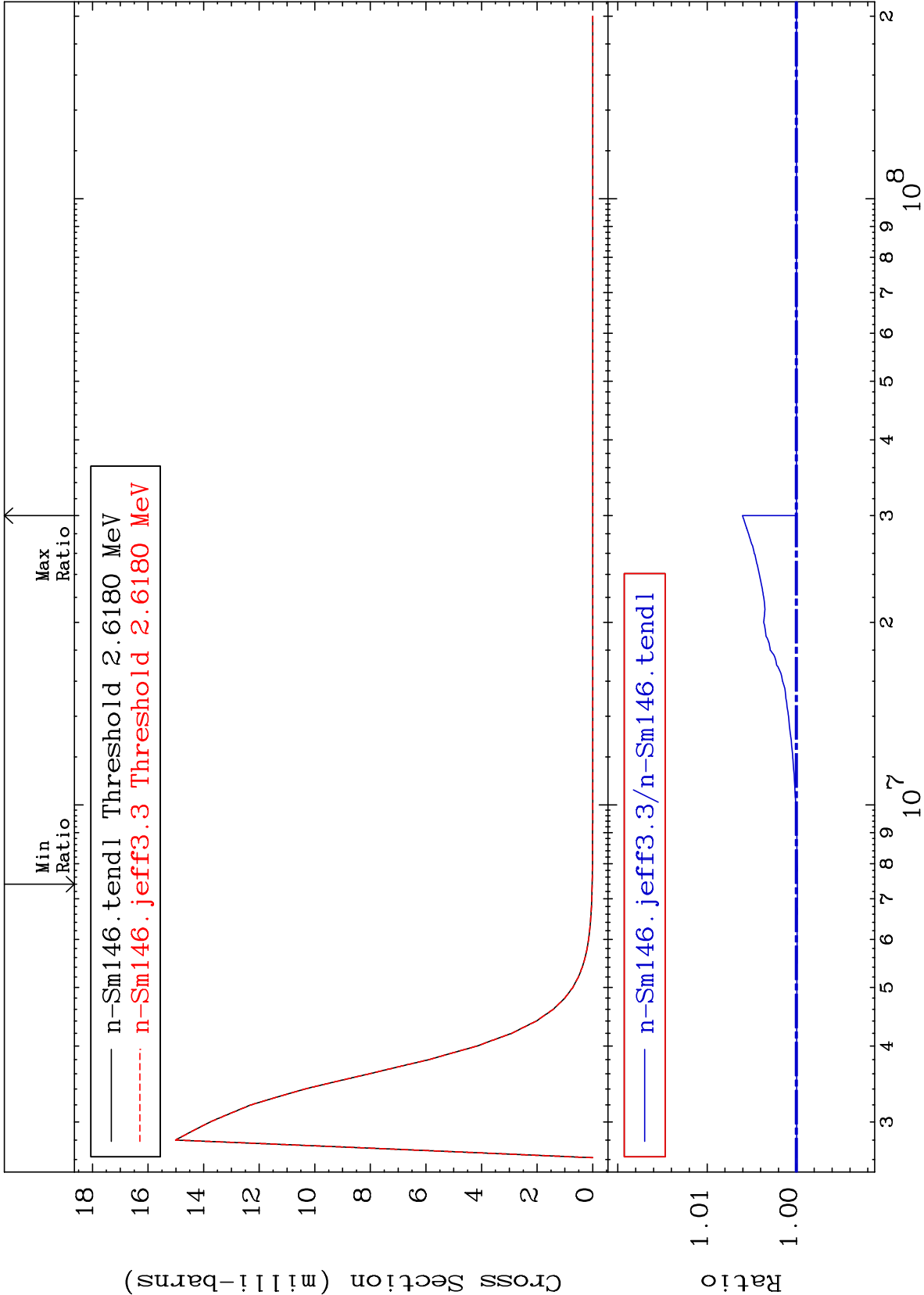
Incident Energy (eV)

62-Sm-146









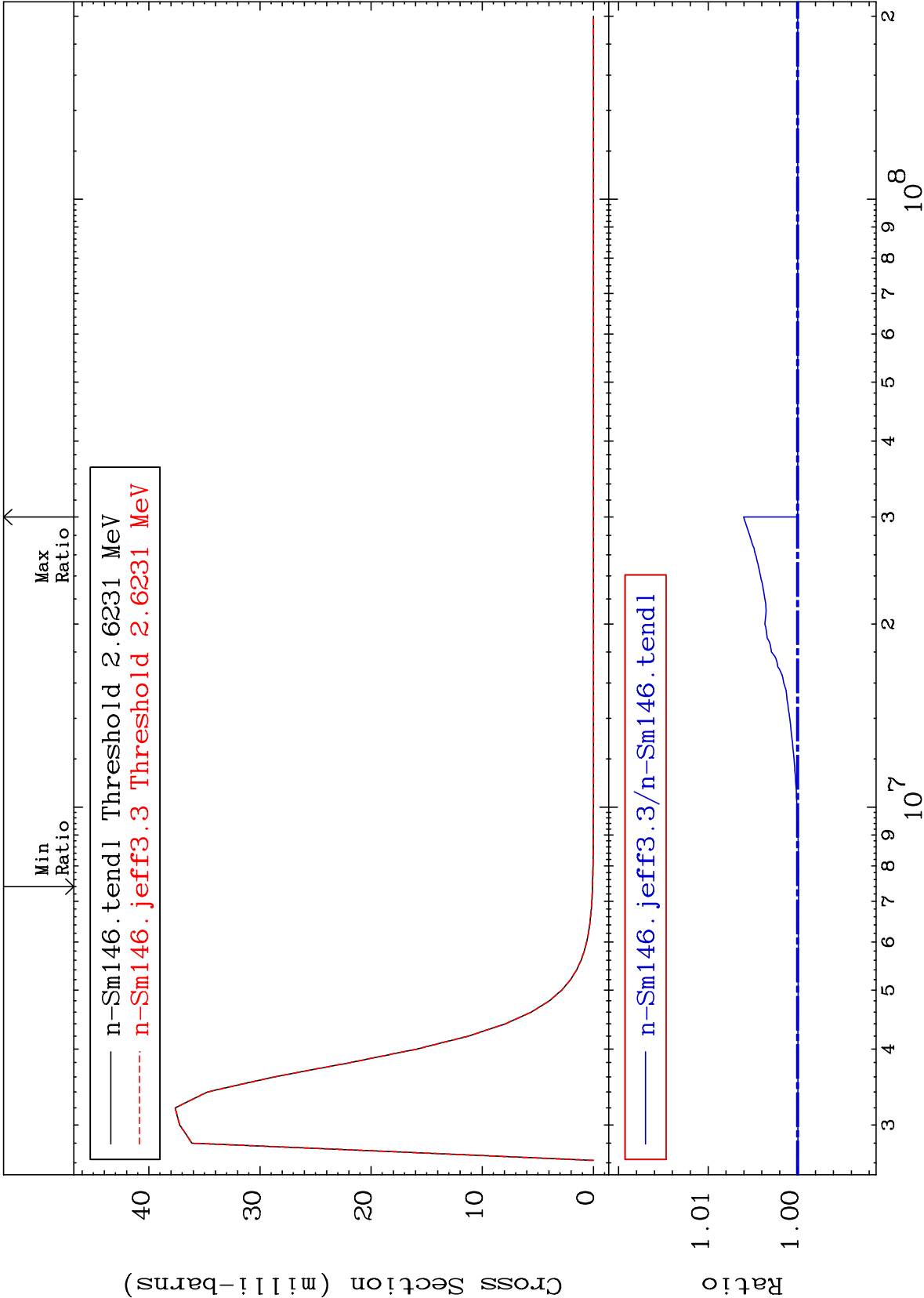
MAT 6231

MT= 76 (n,n') Level

62-Sm-146

-0.010 To 0.604 %

Cross Section



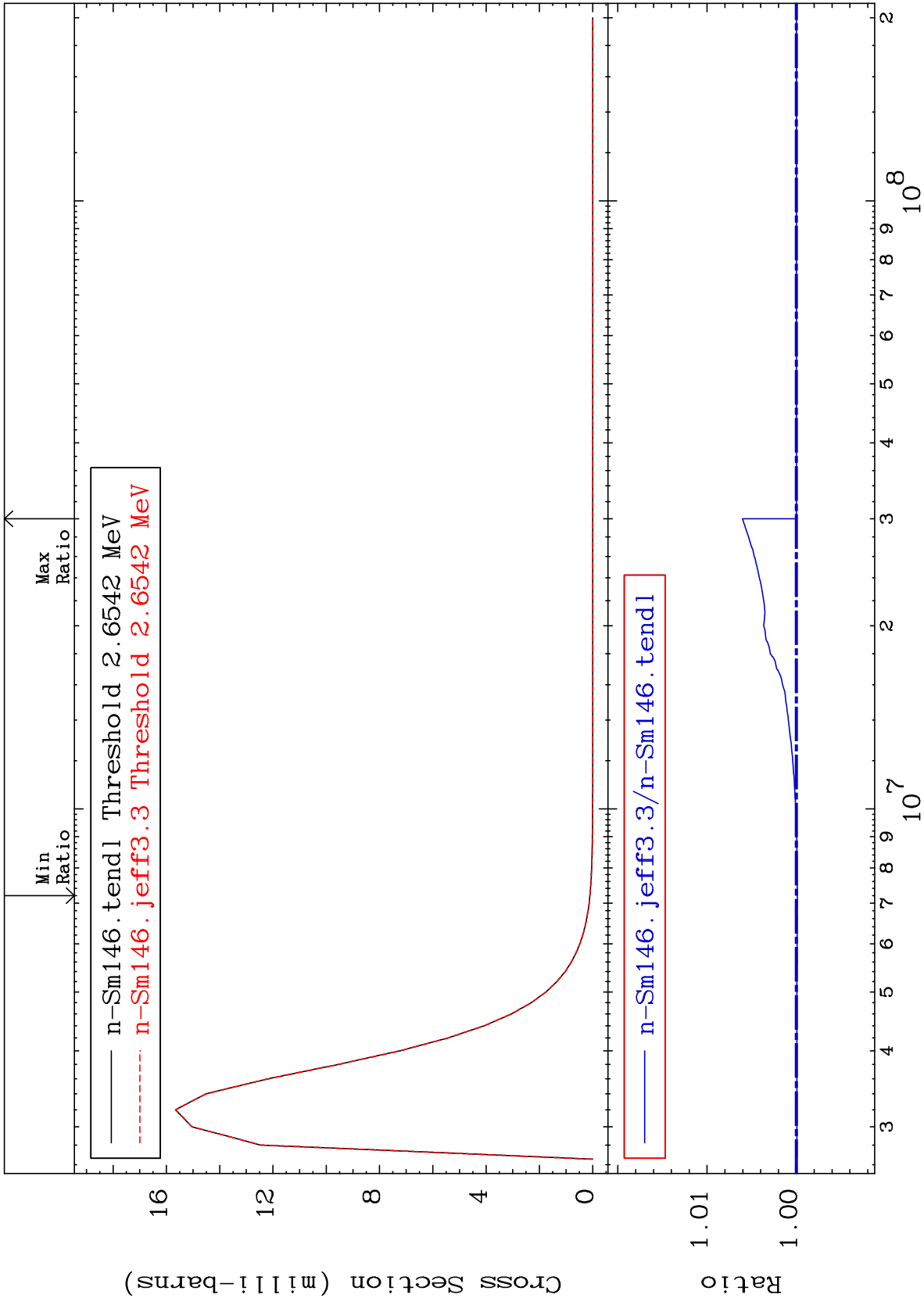
MAT 6231

MT= 77 (n,n') Level

62-Sm-146

-0.011 To 0.603 %

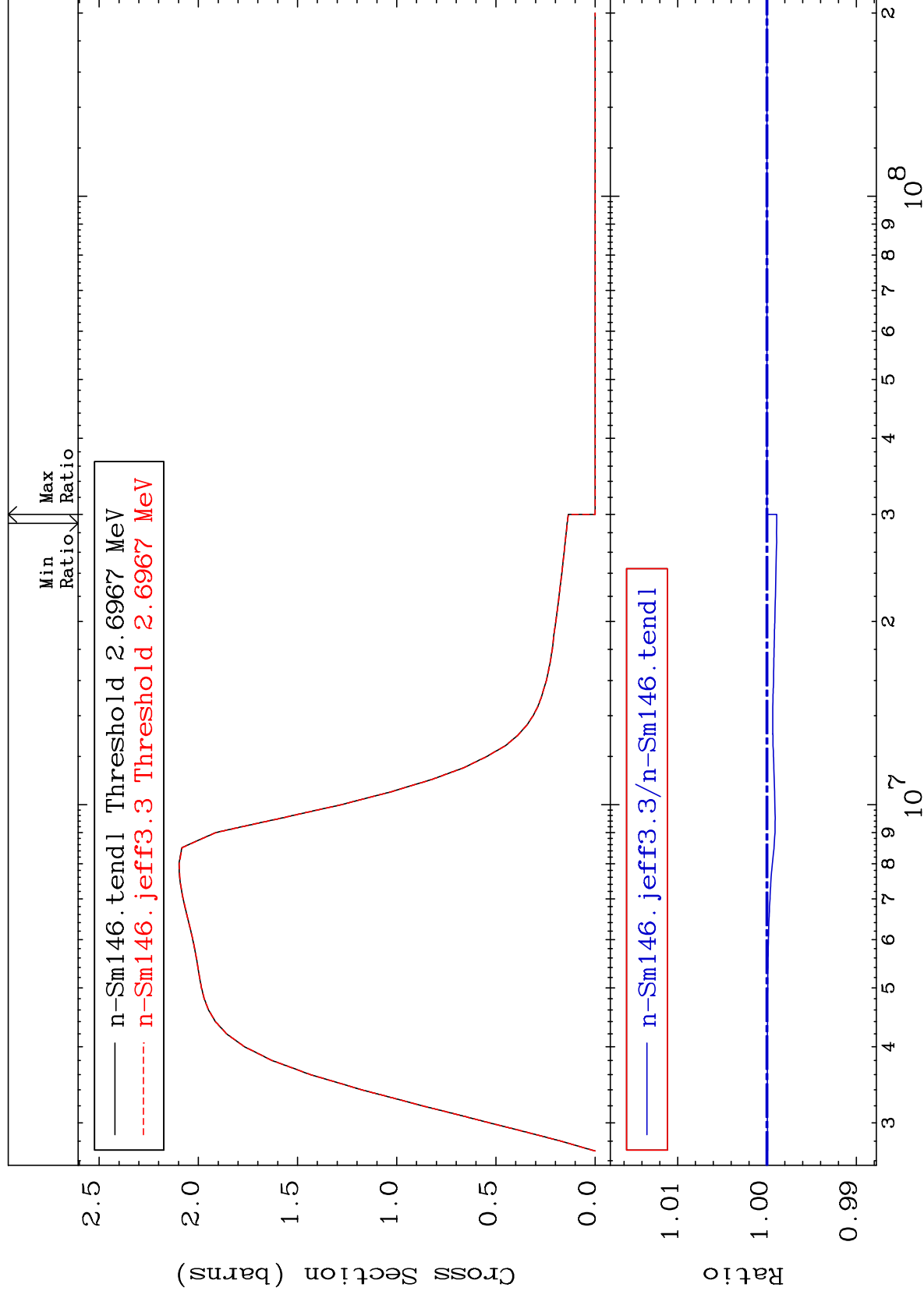
Cross Section

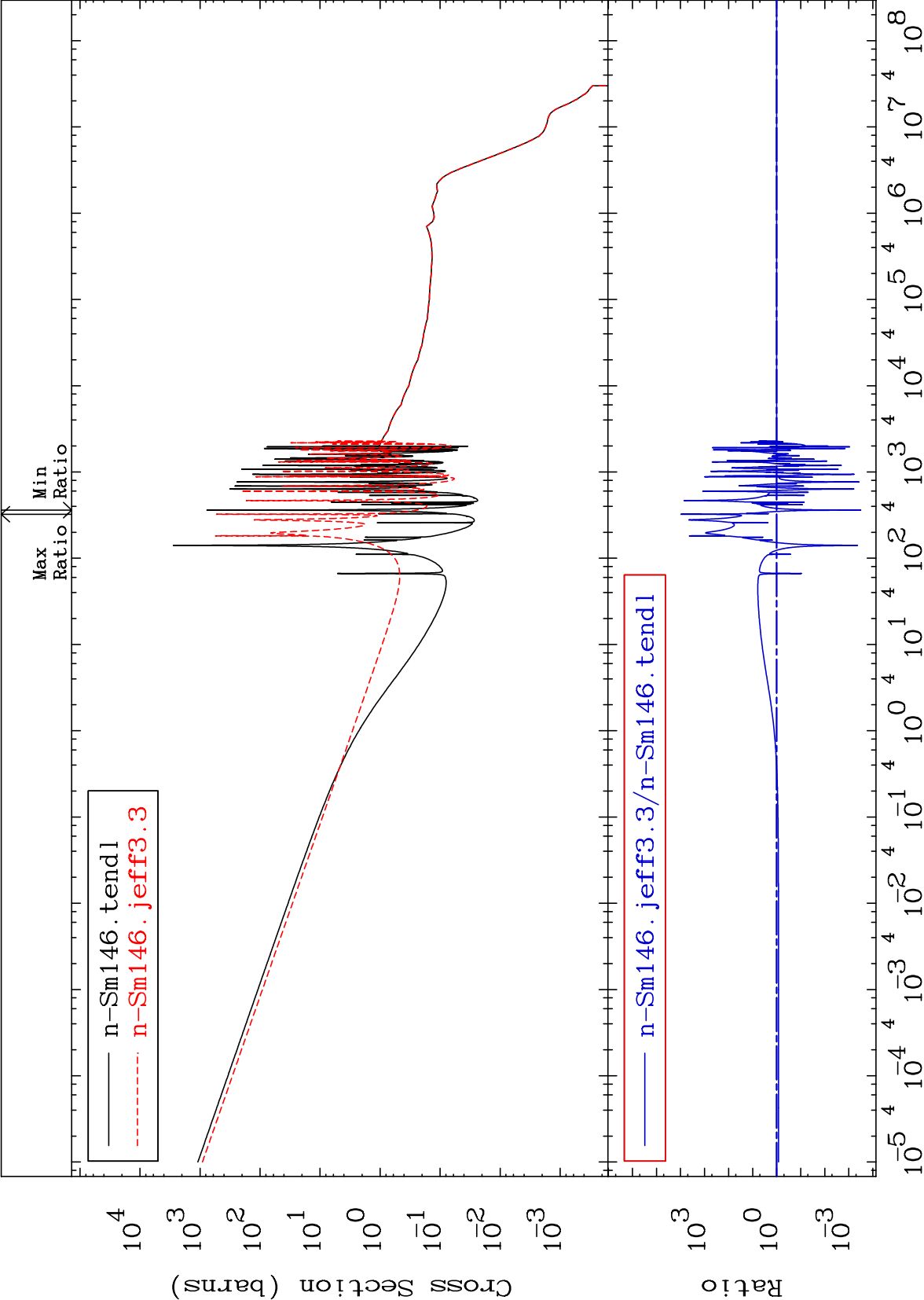


27

Incident Energy (eV)

62-Sm-146



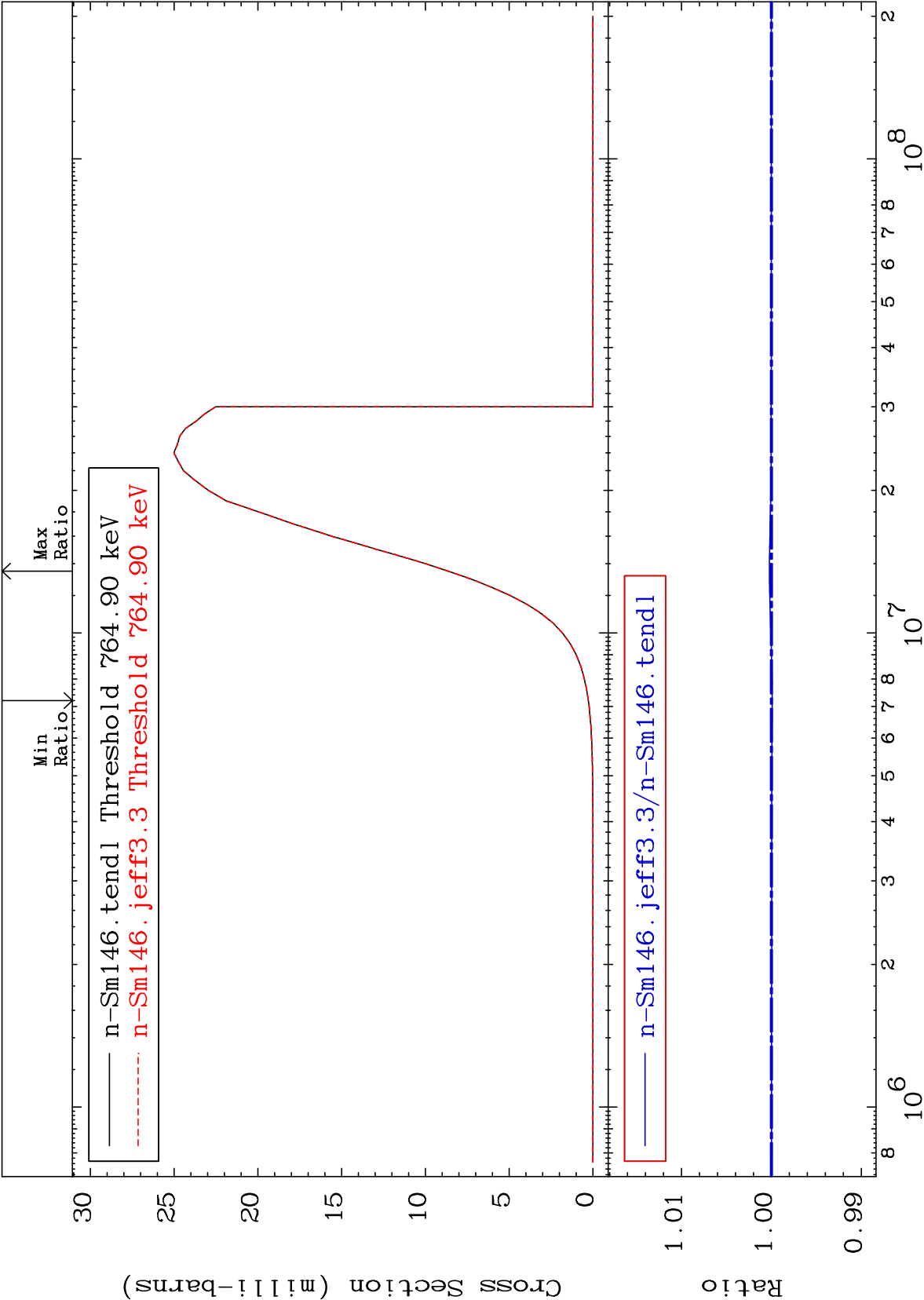


MAT 6231

62-Sm-146

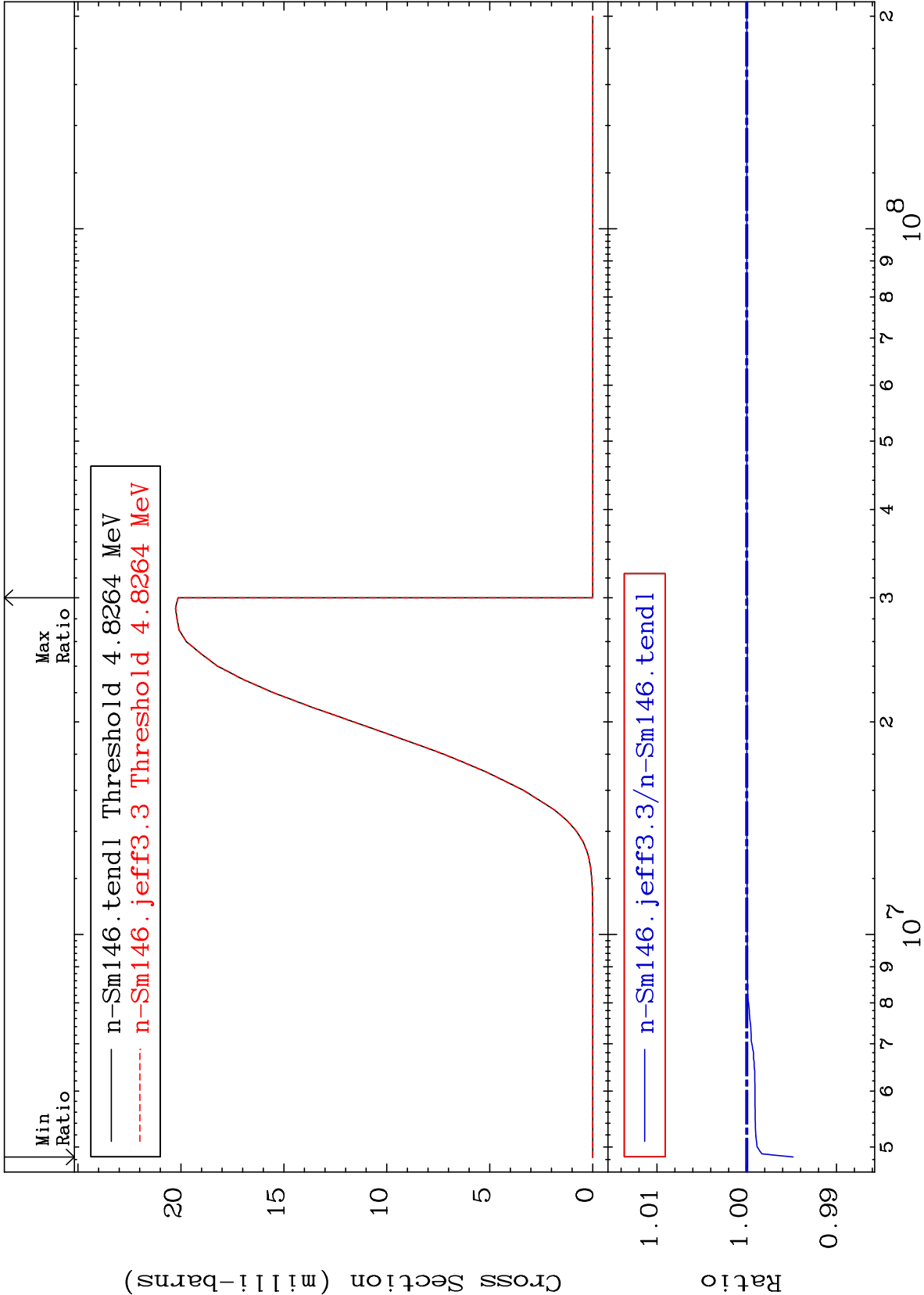
-0.009 To 0.022 %

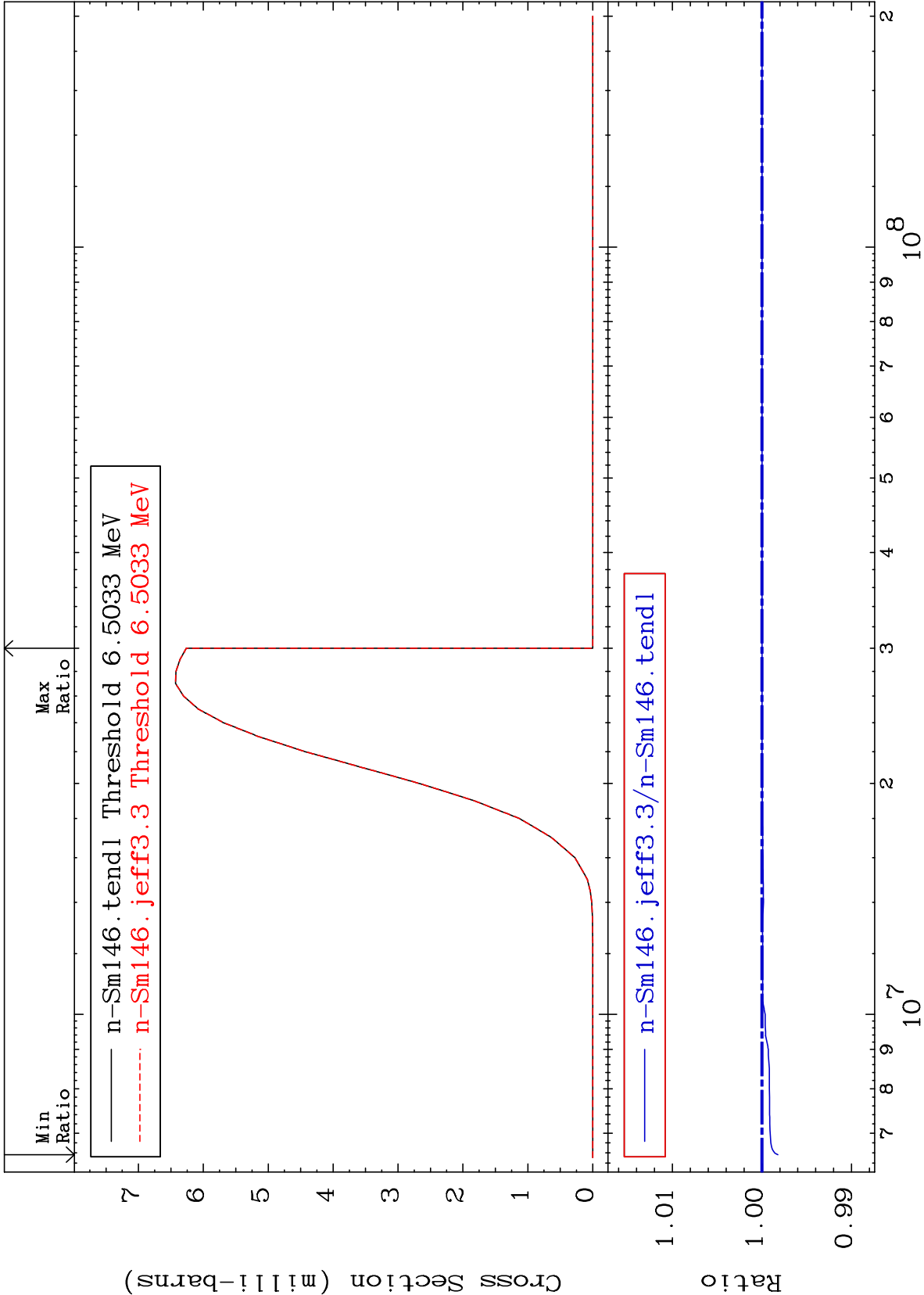
(n,p)
Cross Section



Incident Energy (eV)

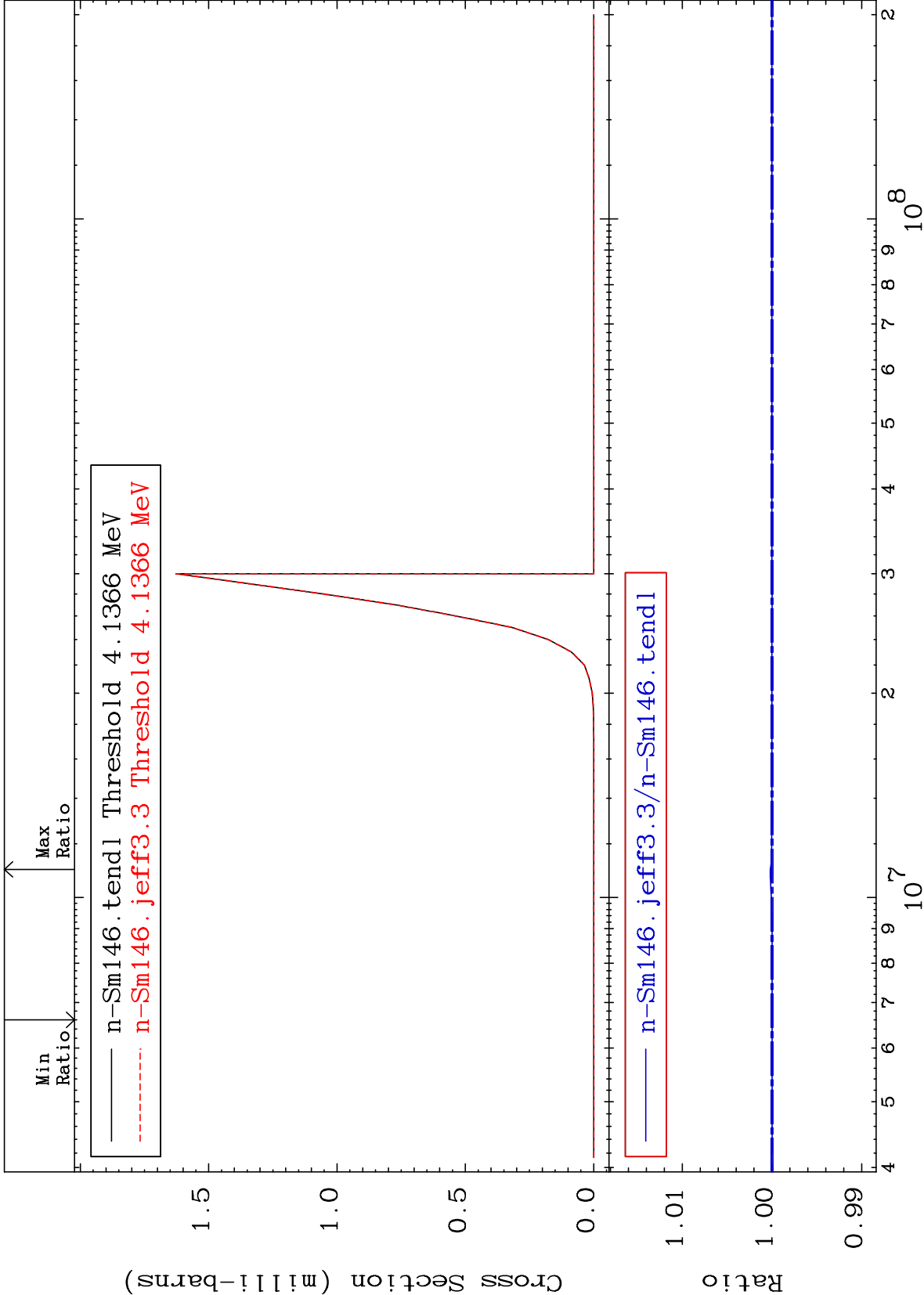
62-Sm-146

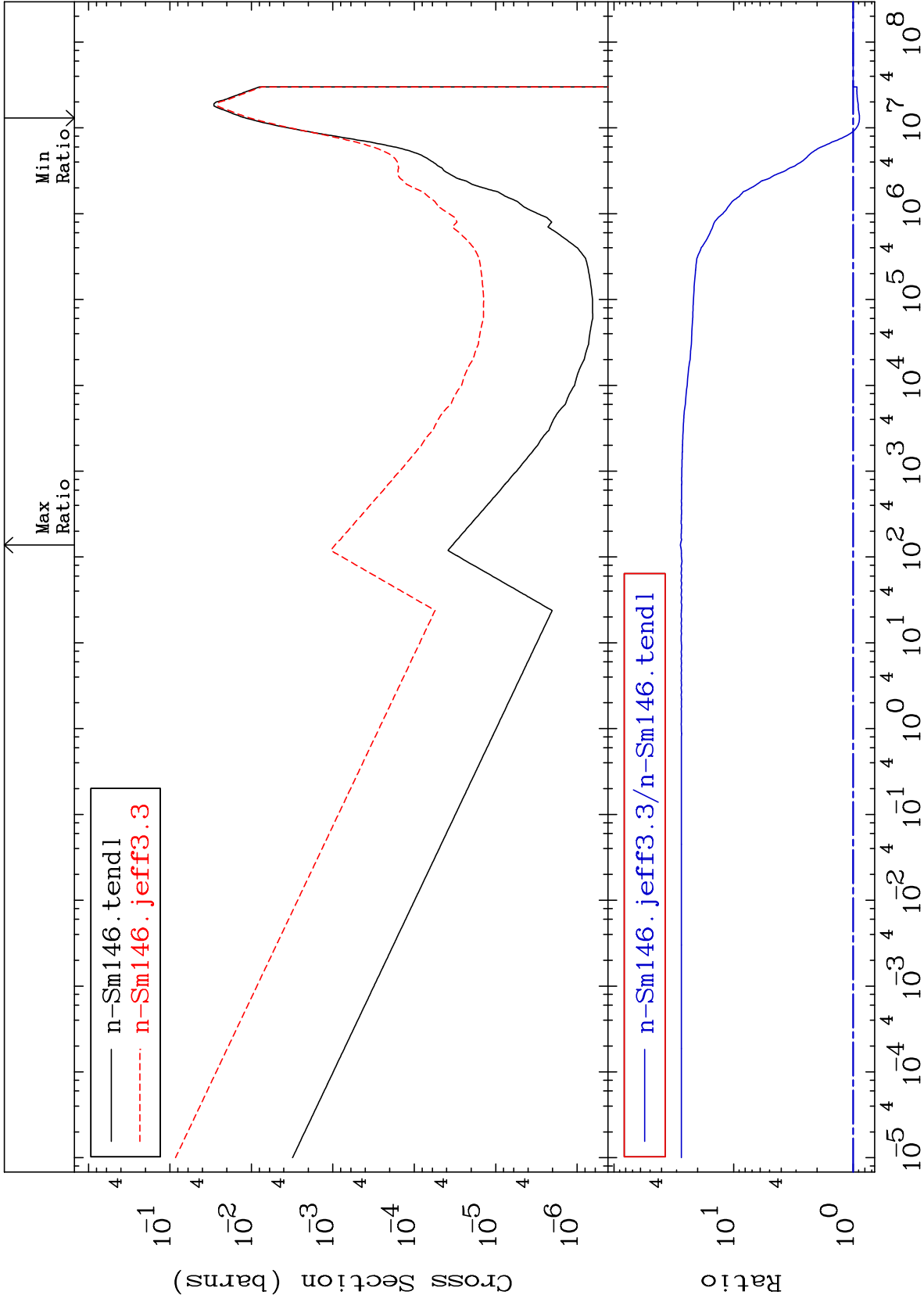


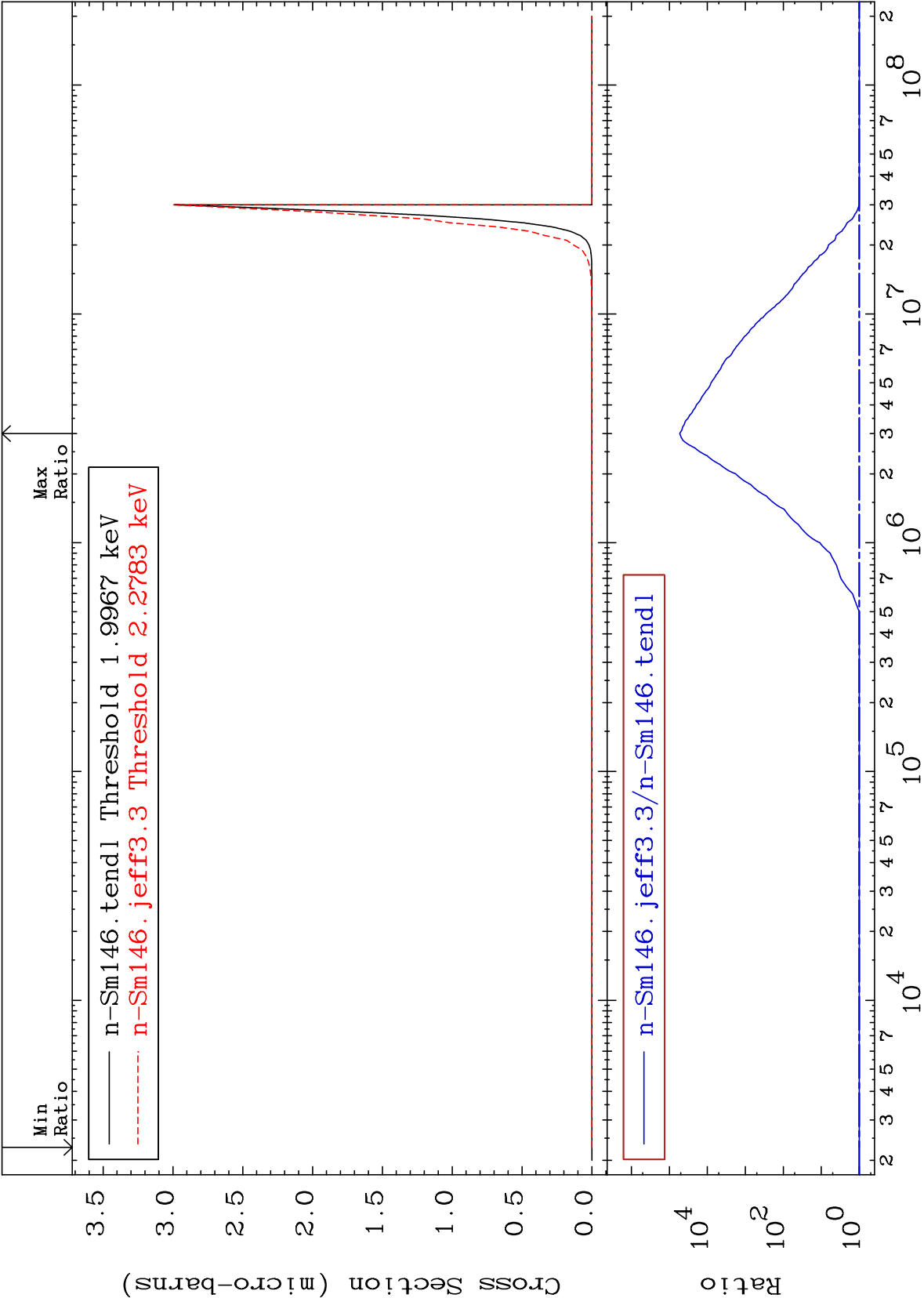


Cross Section

-0.003 To 0.020 %







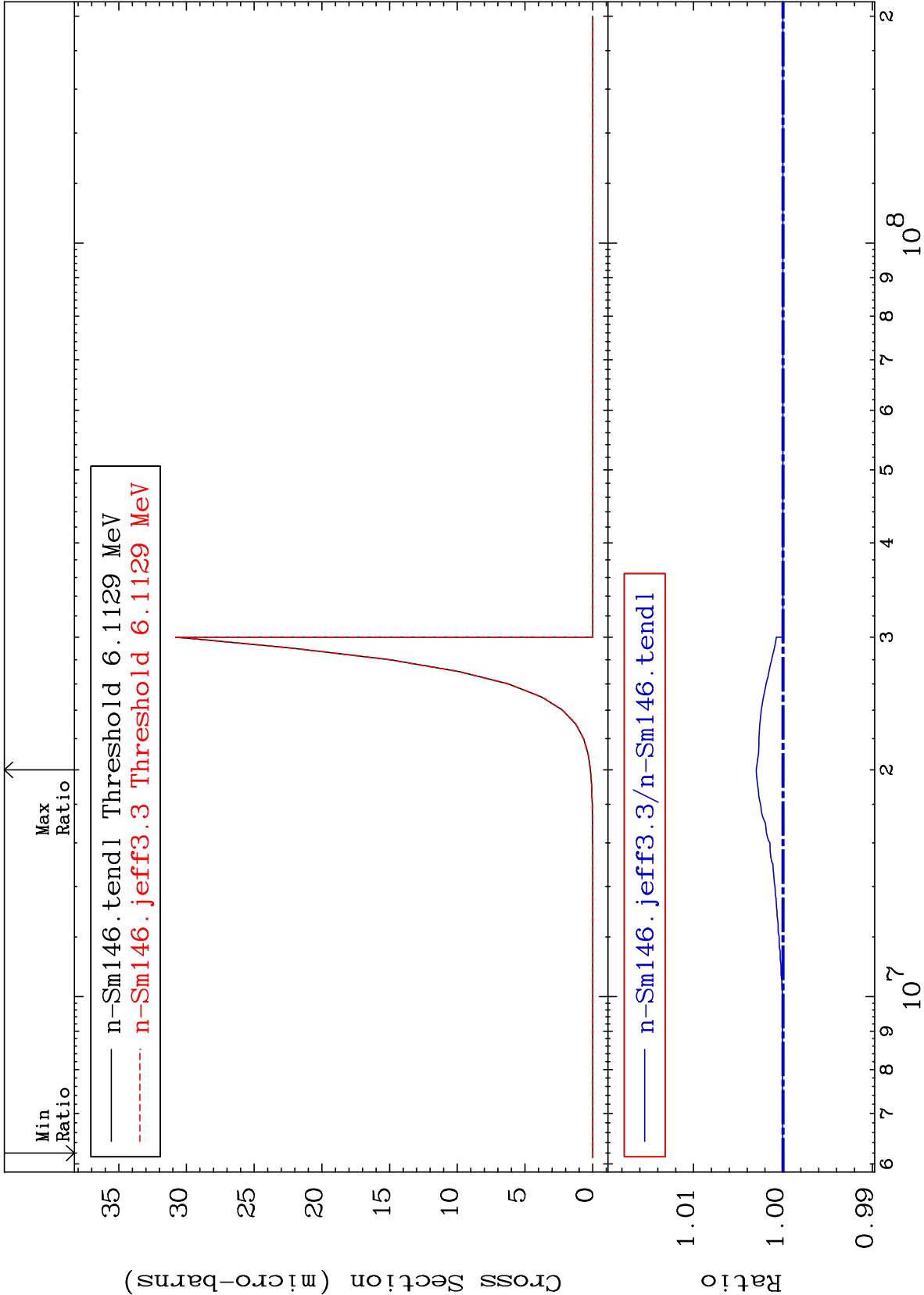
MAT 6231

(n,2p)

62-Sm-146

Cross Section

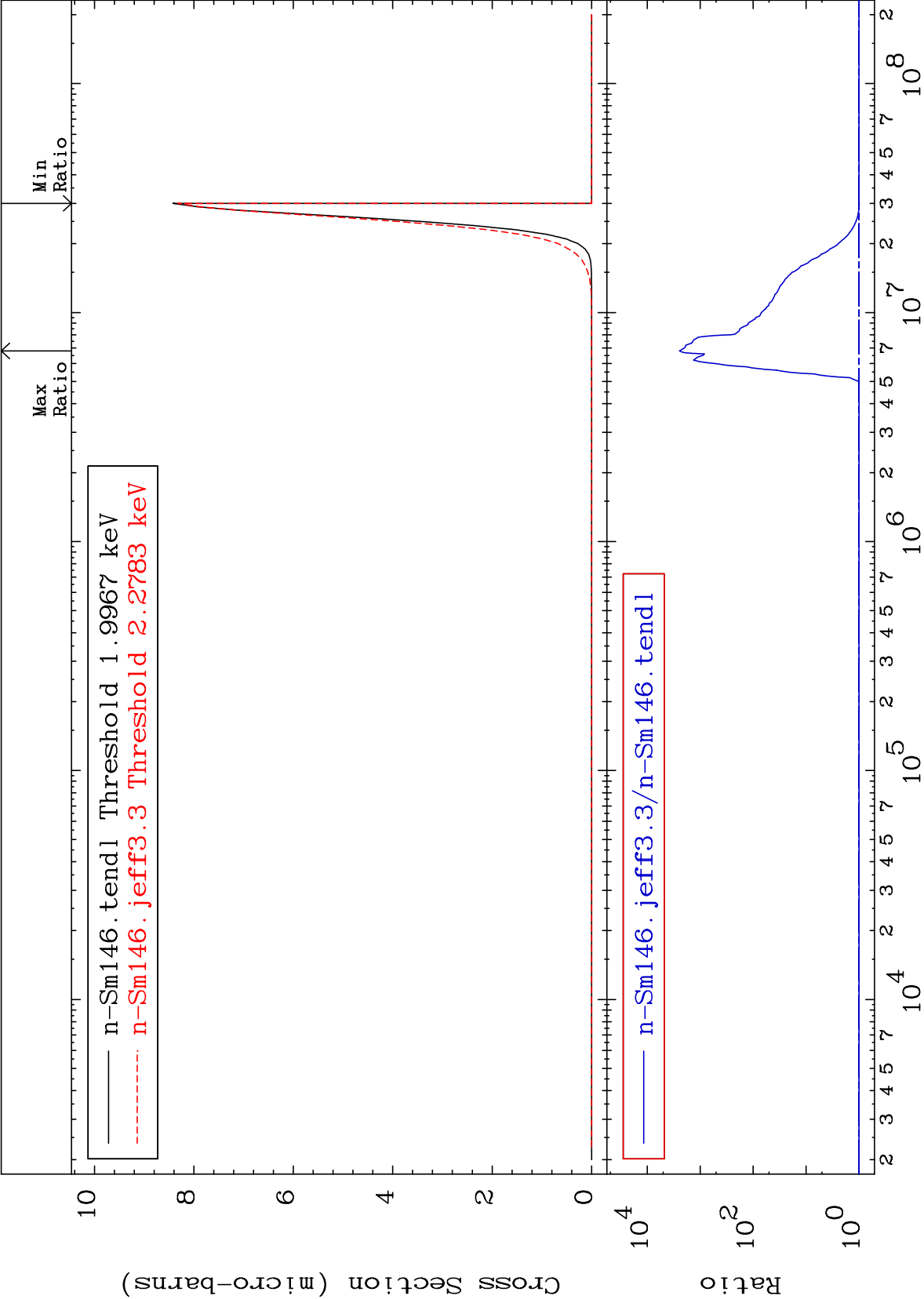
-0.007 To 0.299 %

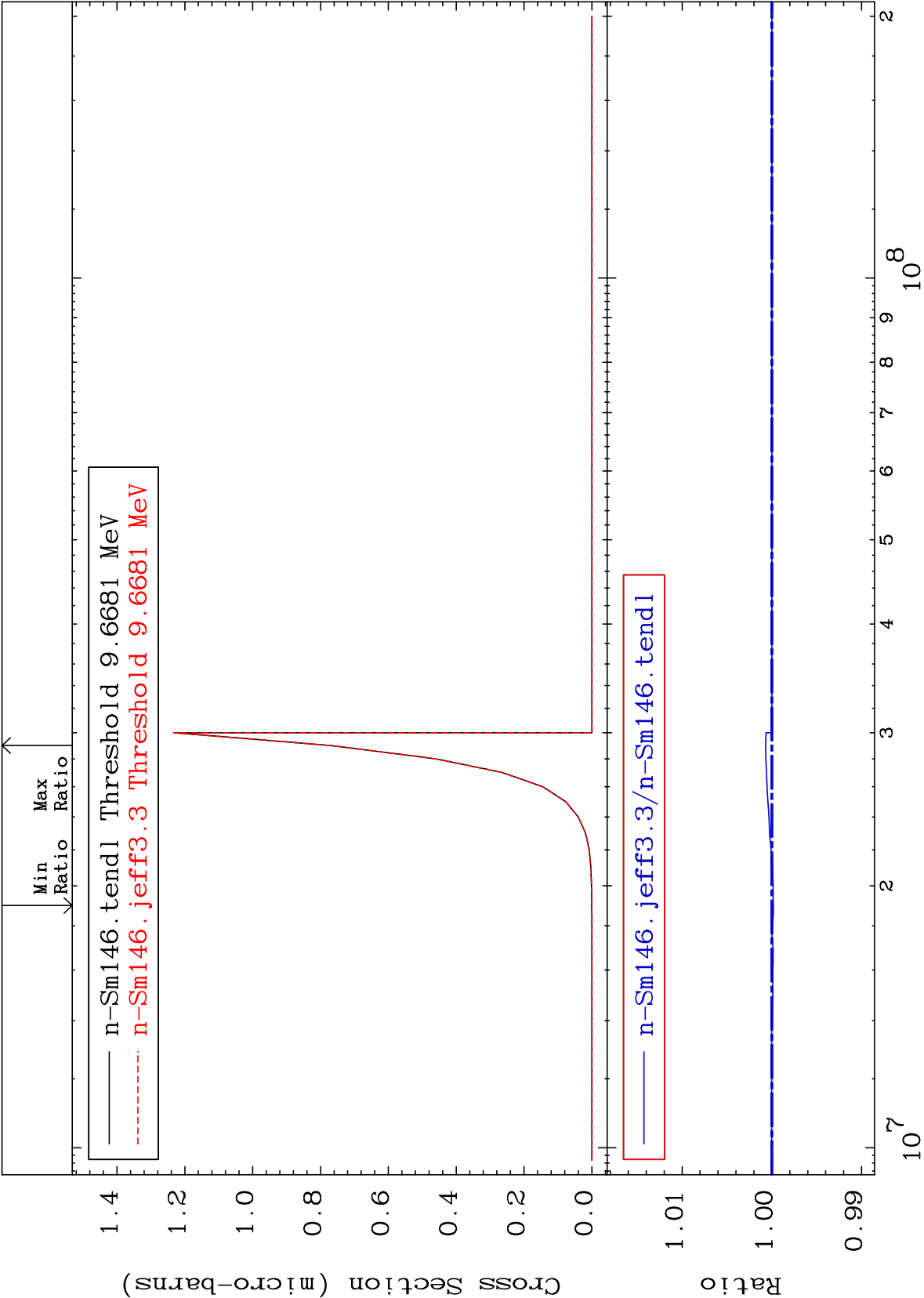


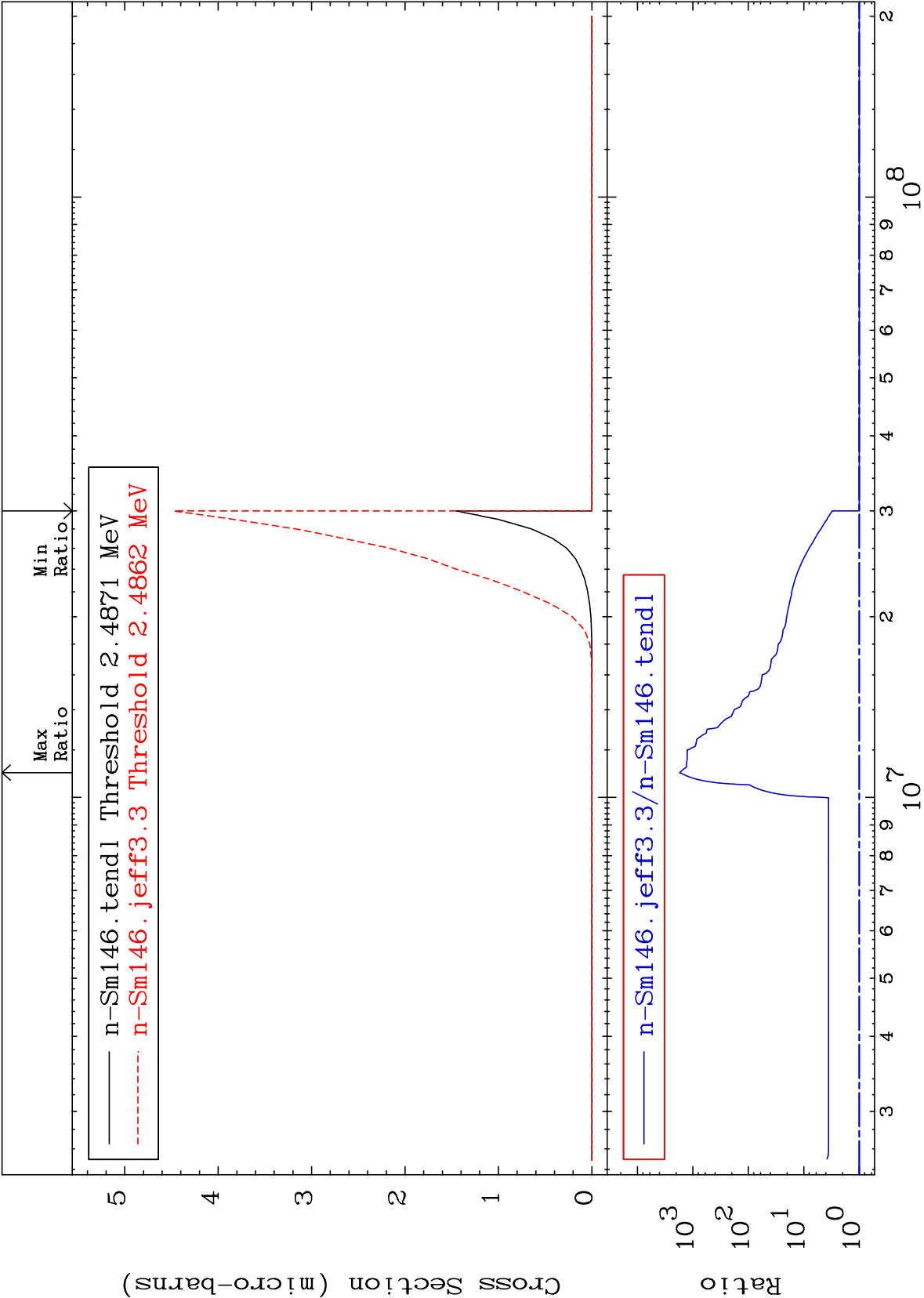
36

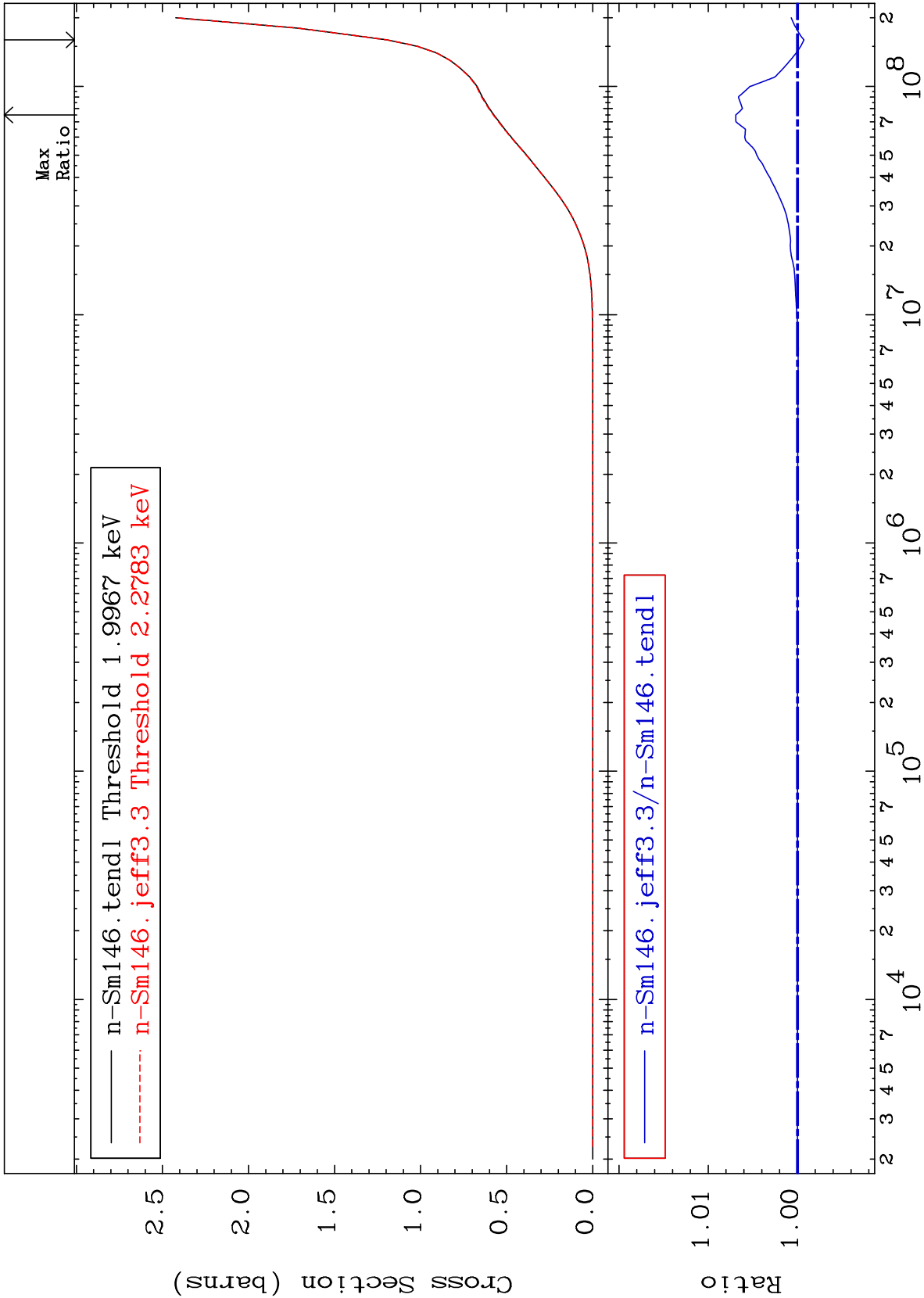
Incident Energy (eV)

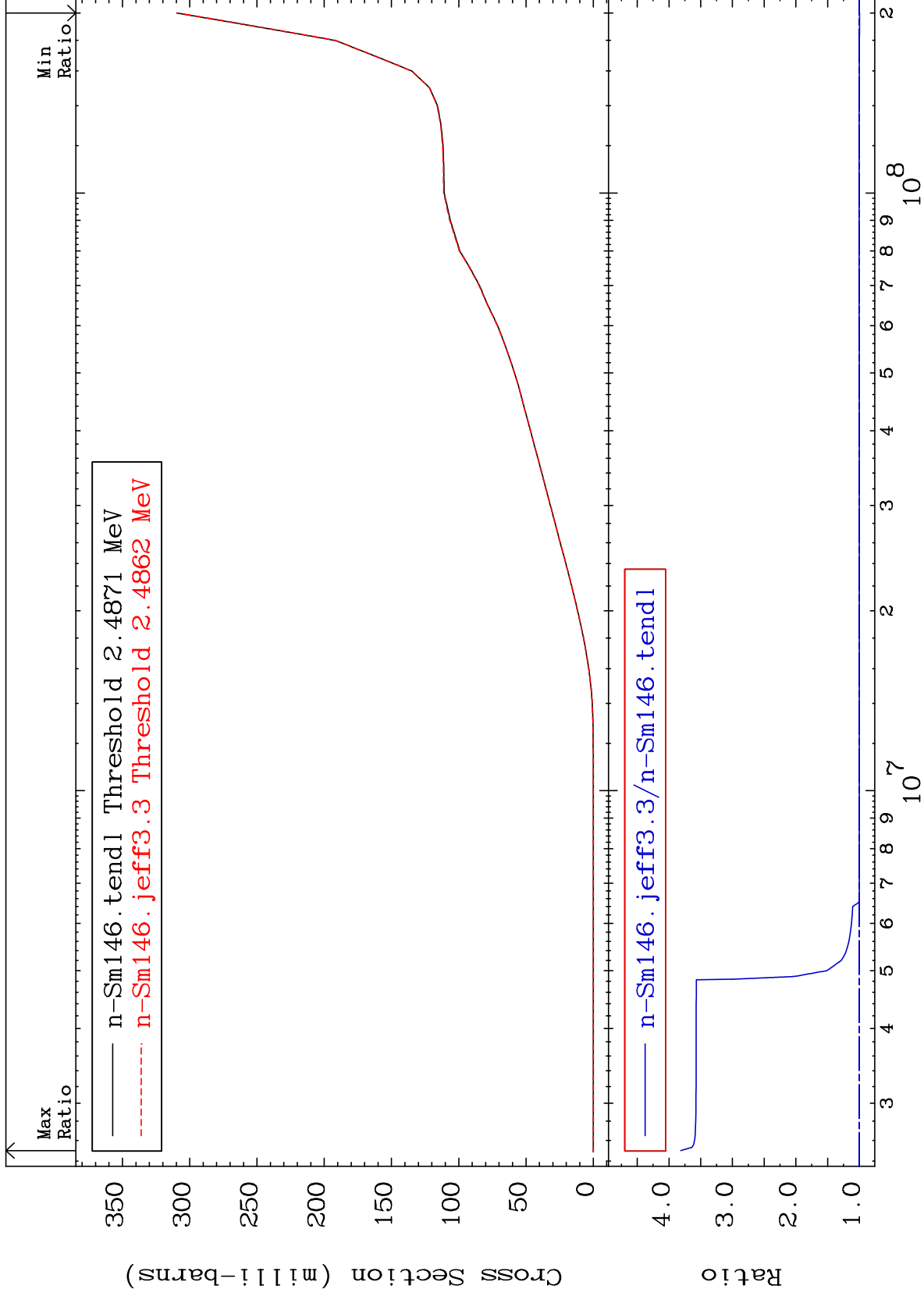
62-Sm-146







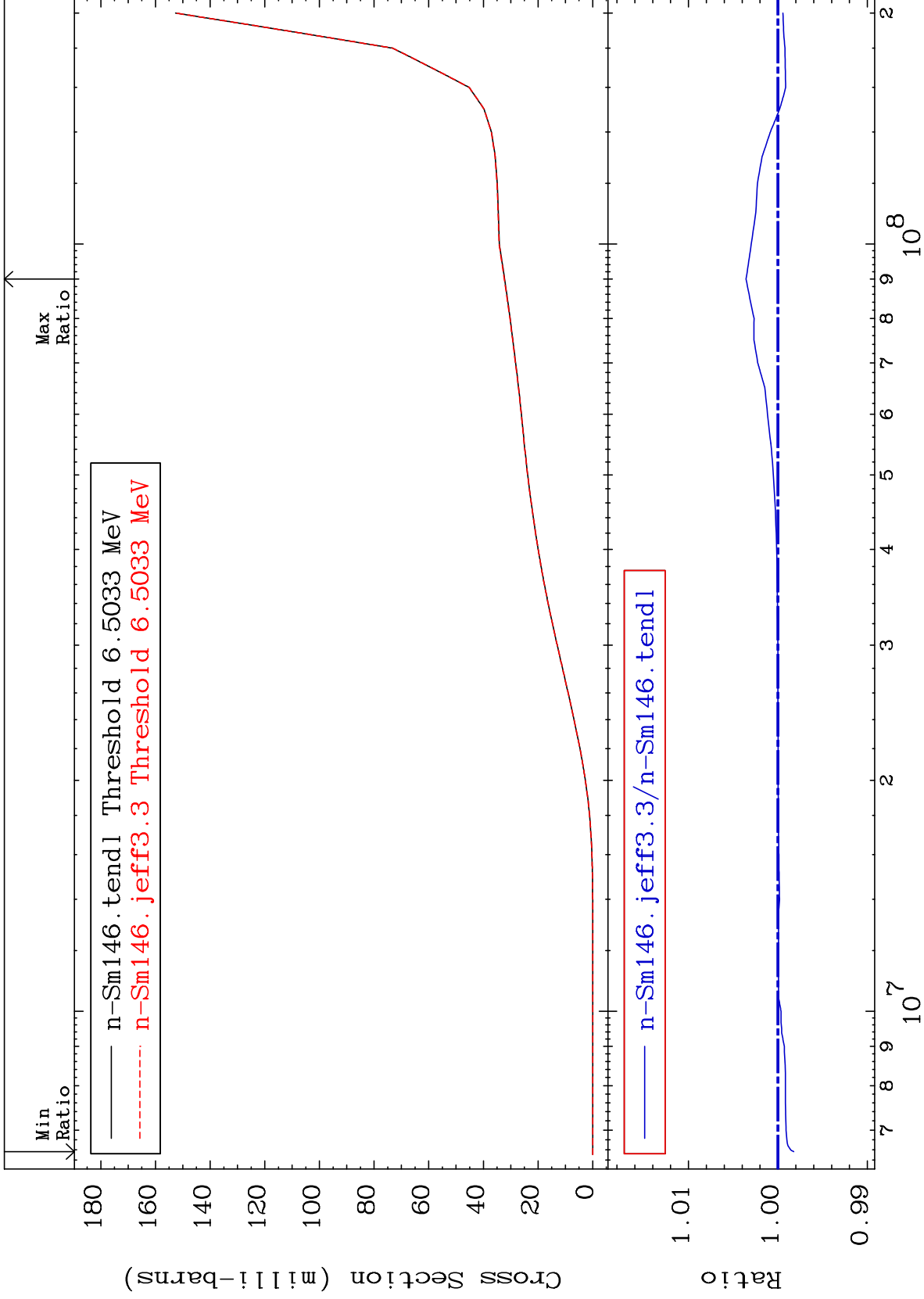


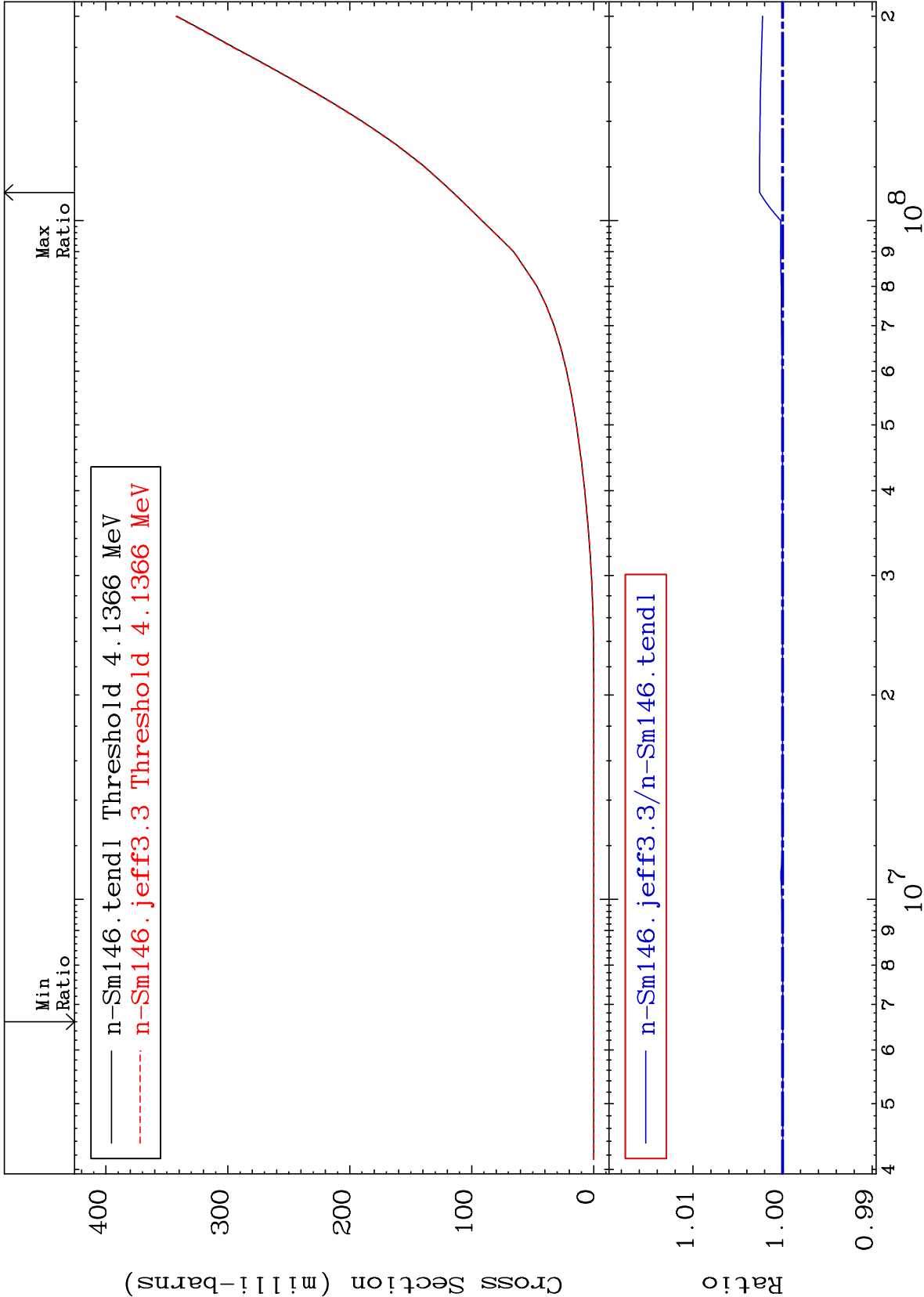


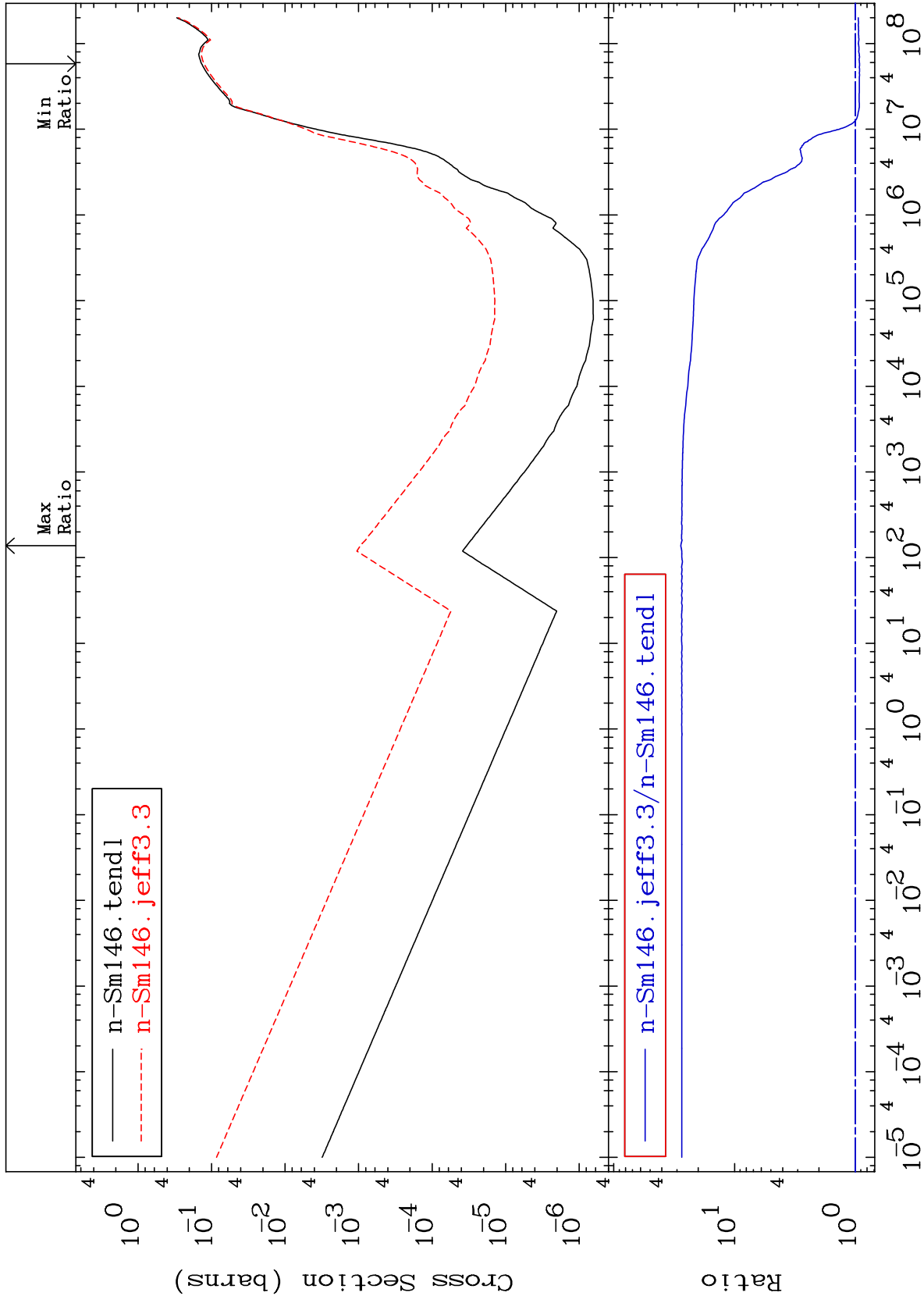
MAT 6231

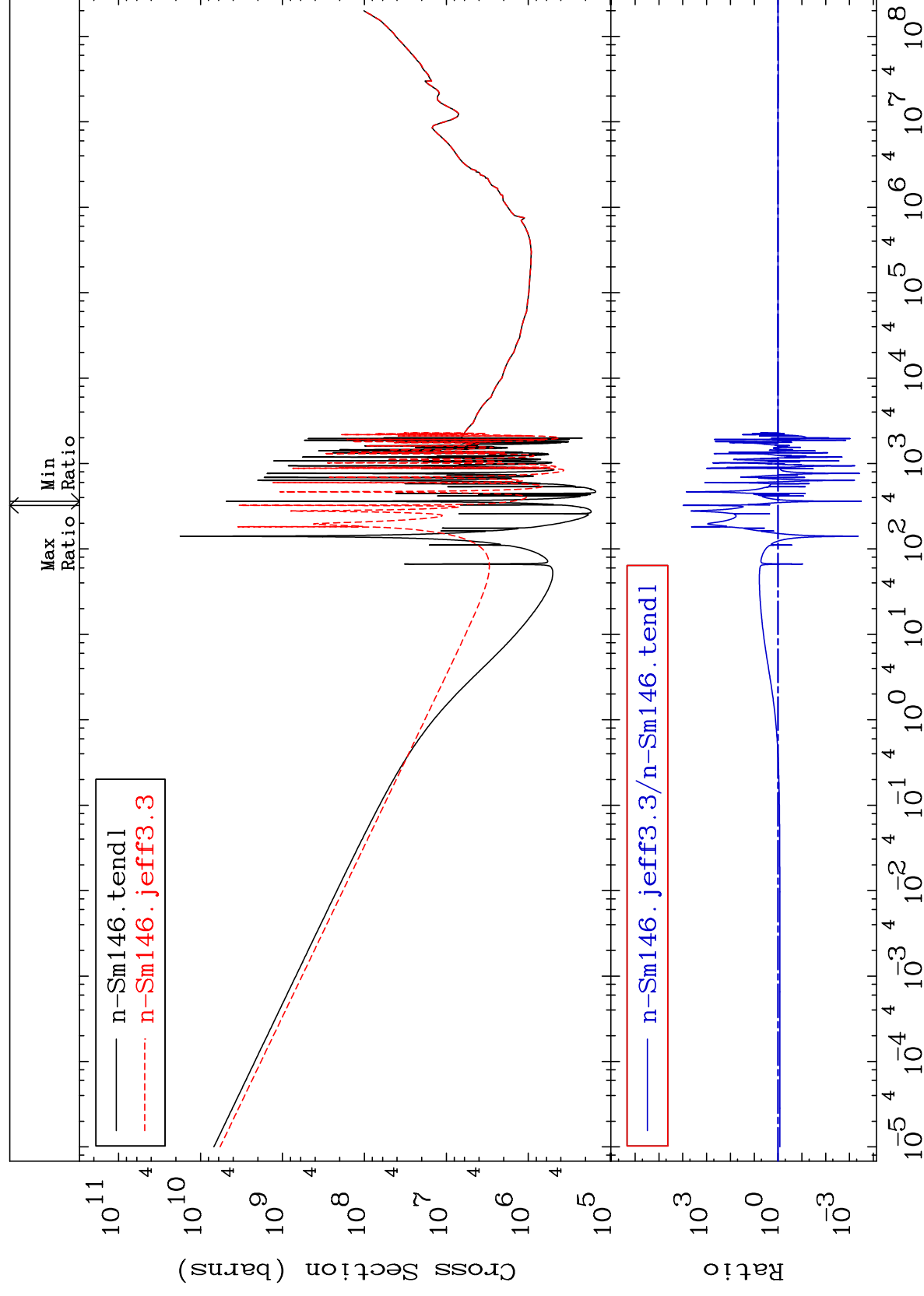
Tritium Production
Cross Section

62-Sm-146
-0.177 To 0.357 %









Max Ratio	Min Ratio
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Max Ratio	Min Ratio
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— n-Sm146.tendl

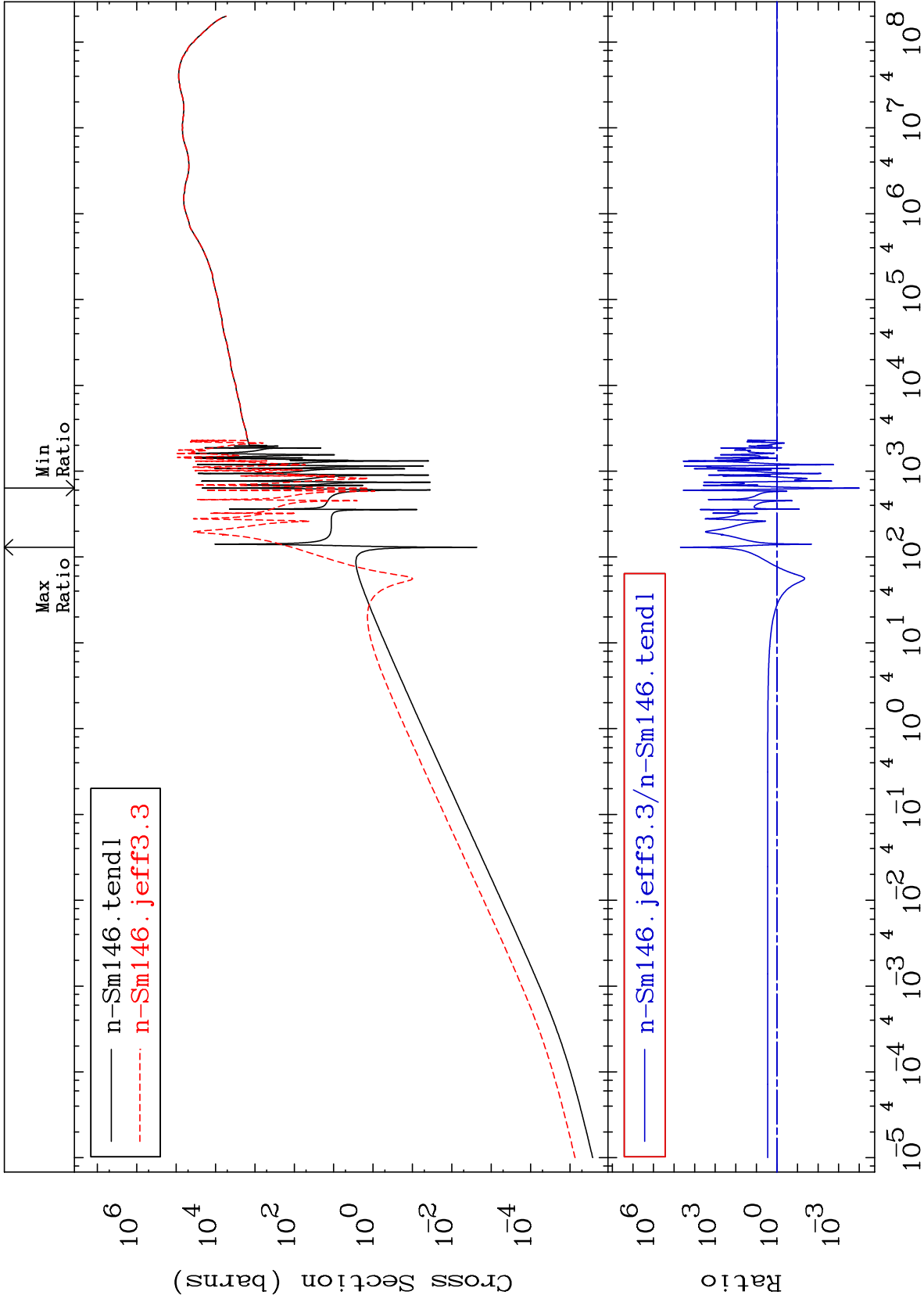
-----: n-Sm146.jeff3.3

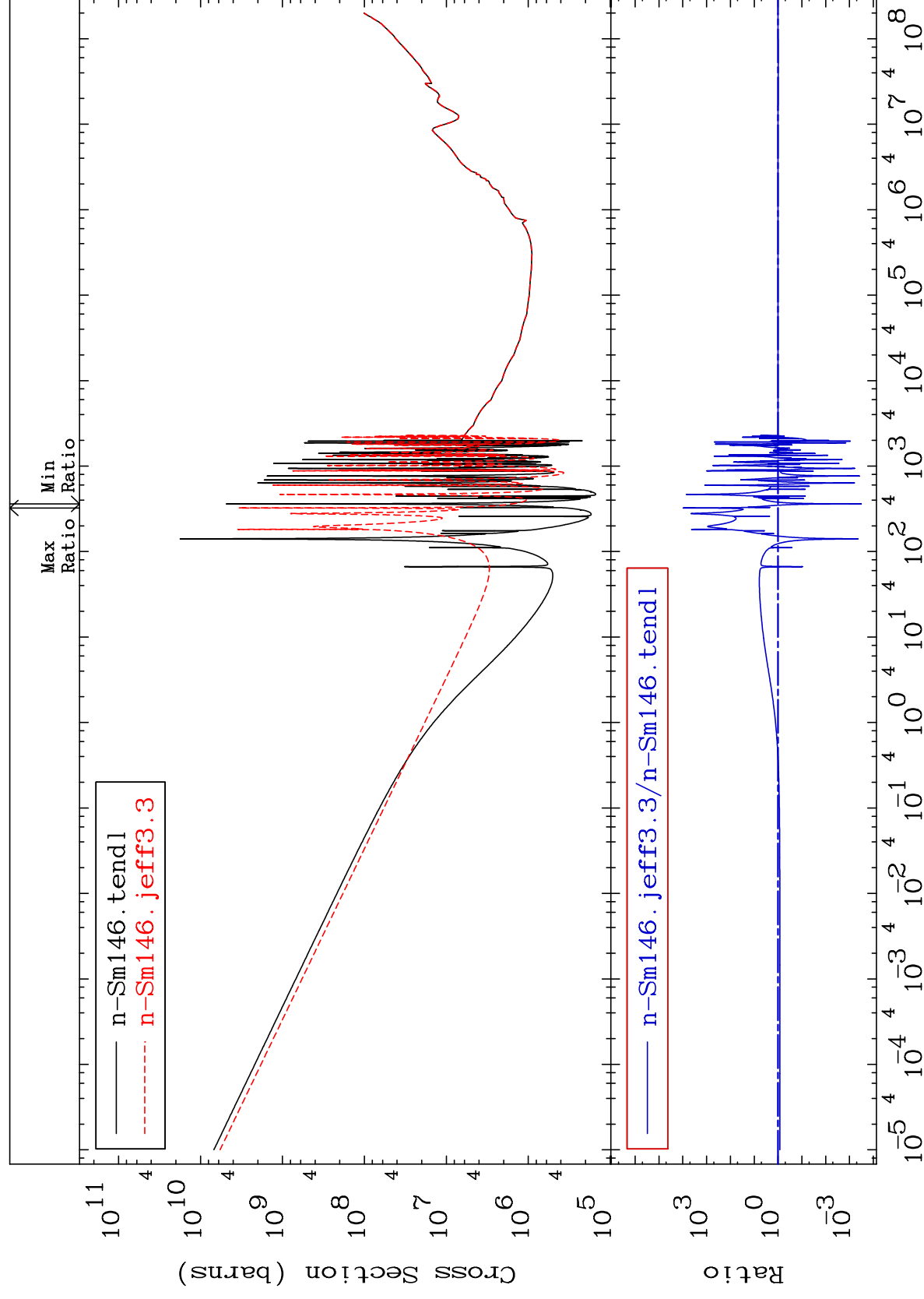
— n-Sm146.jeff3.3/n-Sm146.tendl

46

Incident Energy (eV)

62-Sm-146





Max Ratio	Min Ratio
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Max Ratio	Min Ratio
--------------	--------------

— n-Sm146.tendl

-----: n-Sm146.jeff3.3

— `n-Sm146.jeff3.3/n-Sm146.tendl`

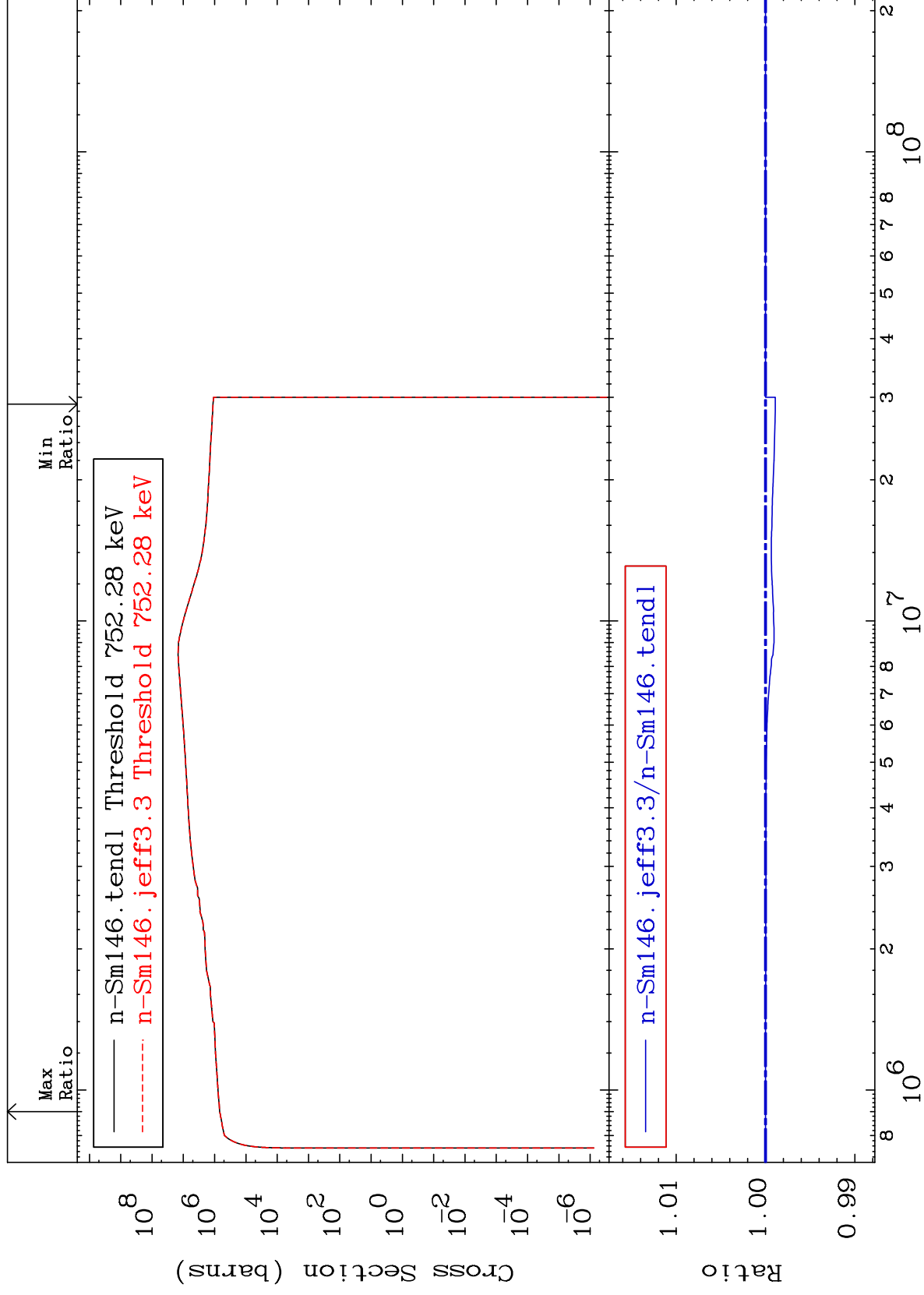
48

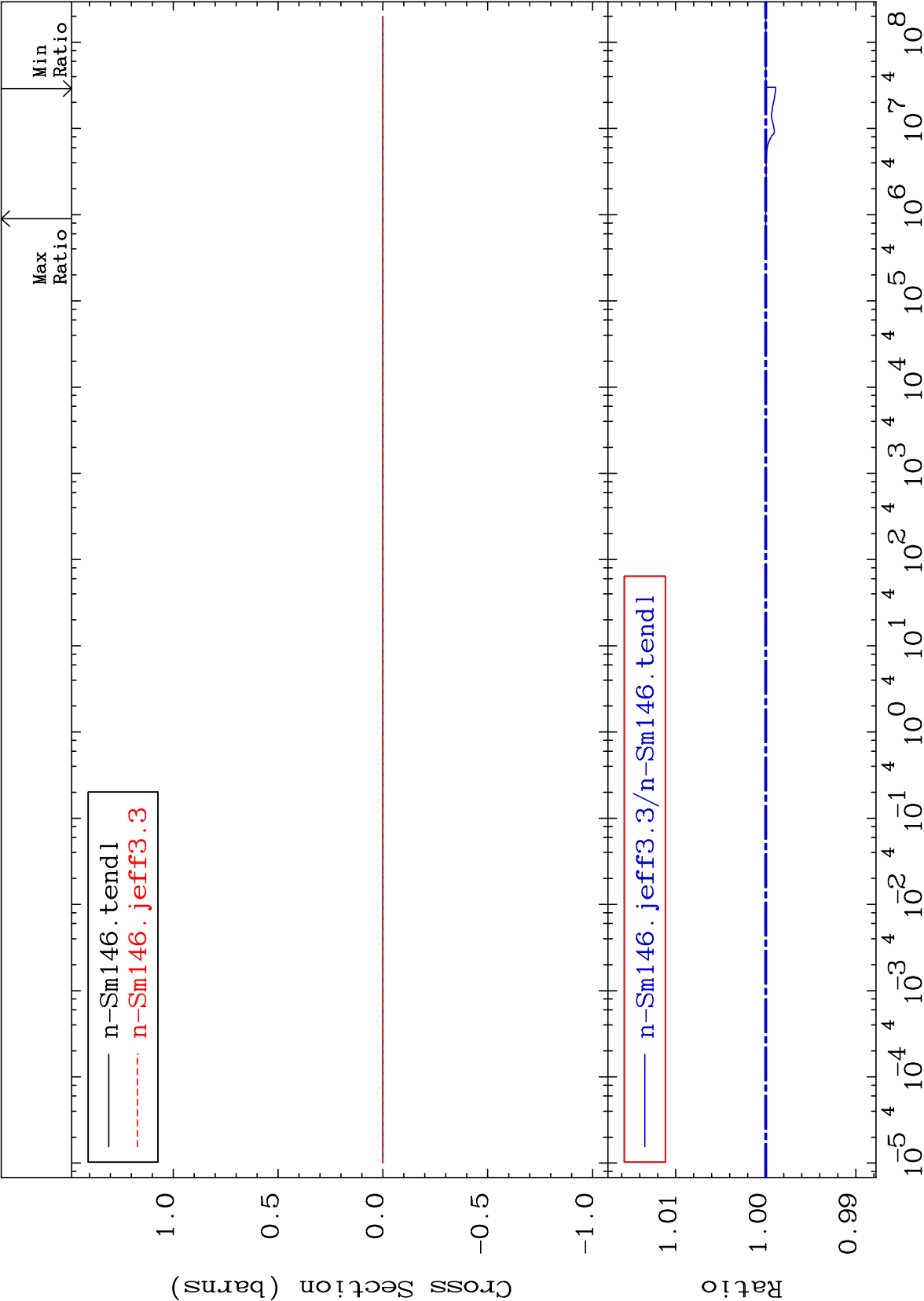
Incident Energy (eV)

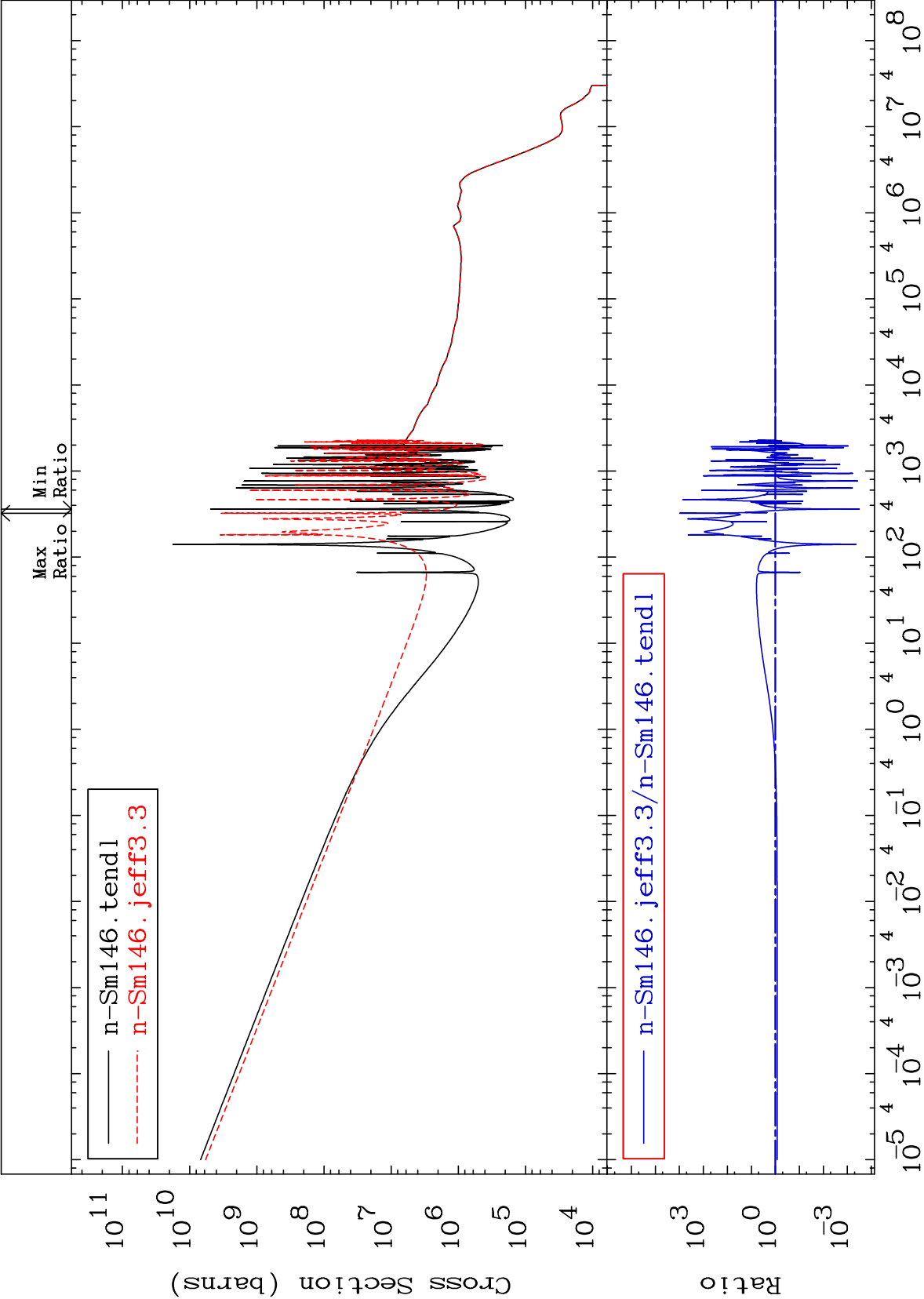
62-Sm-146

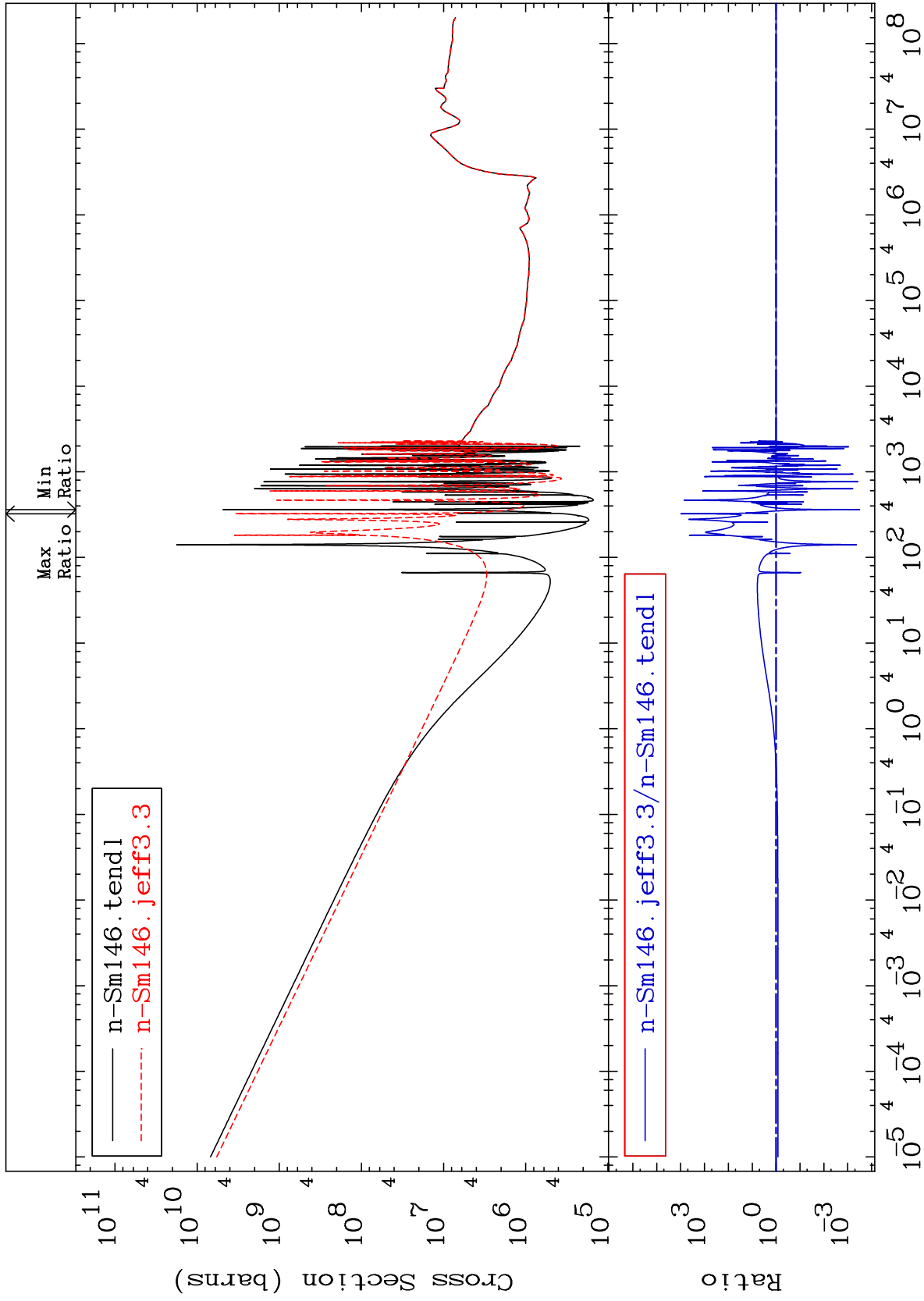
Cross Section

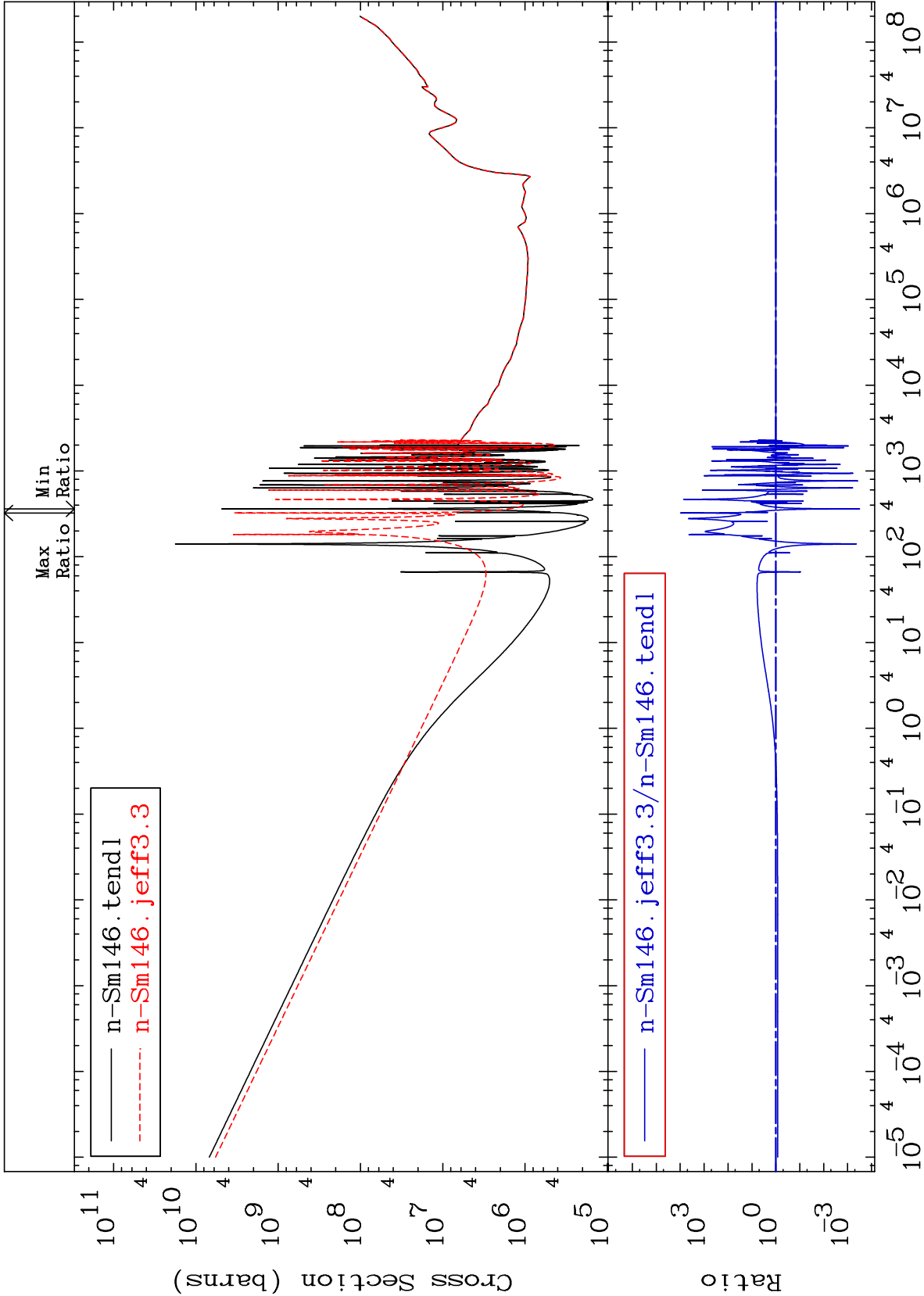
-0.109 To 0.000 %

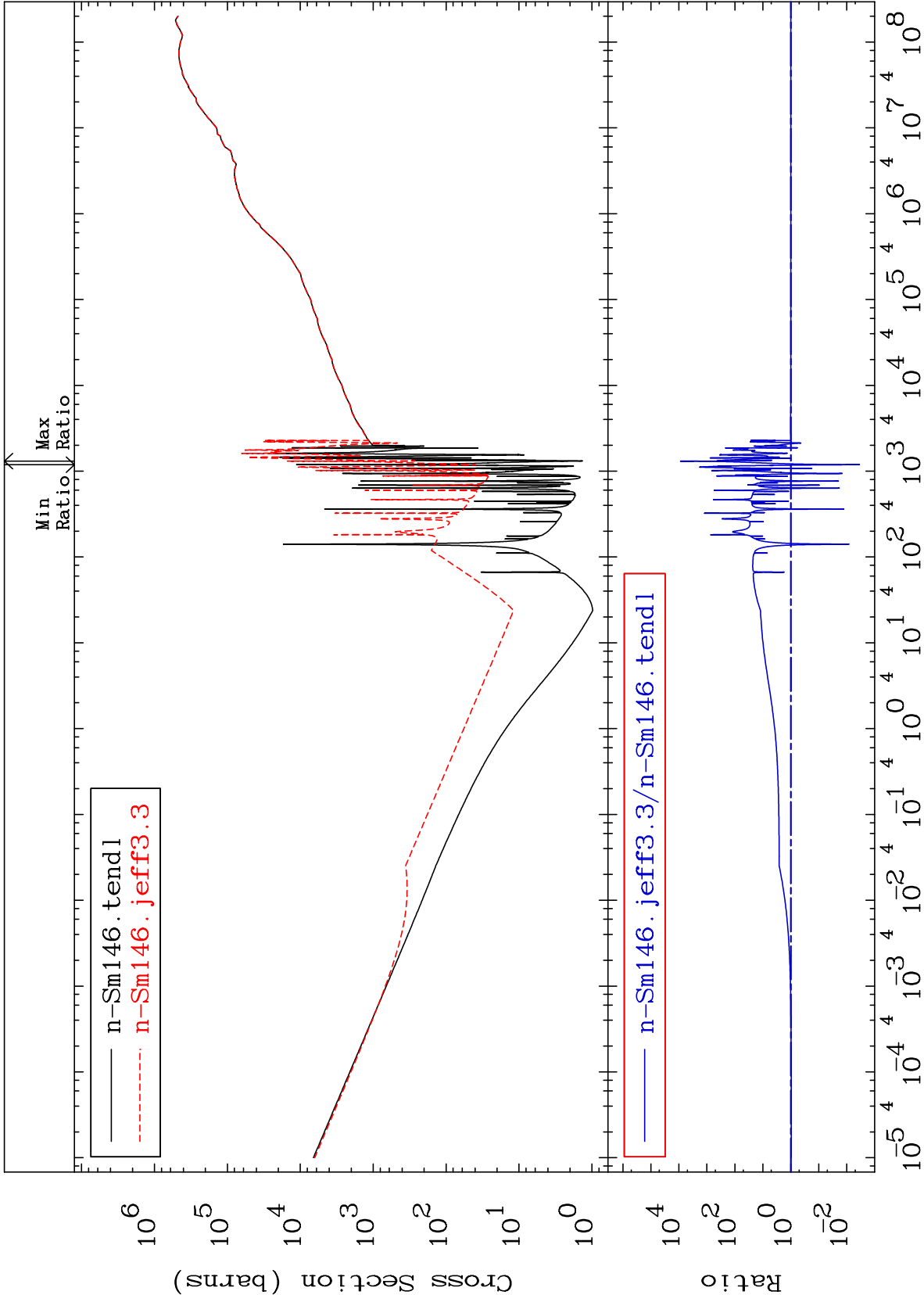


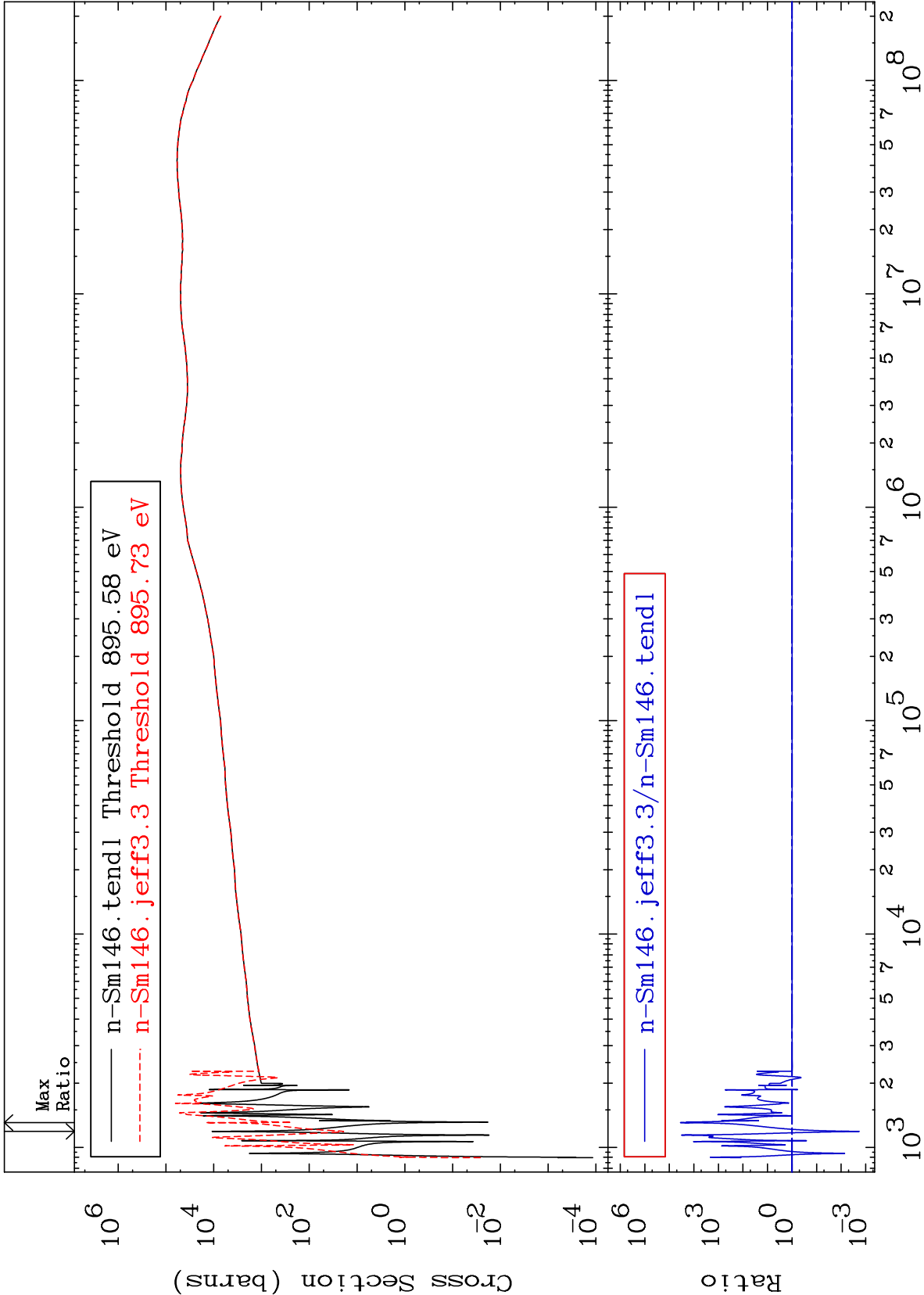












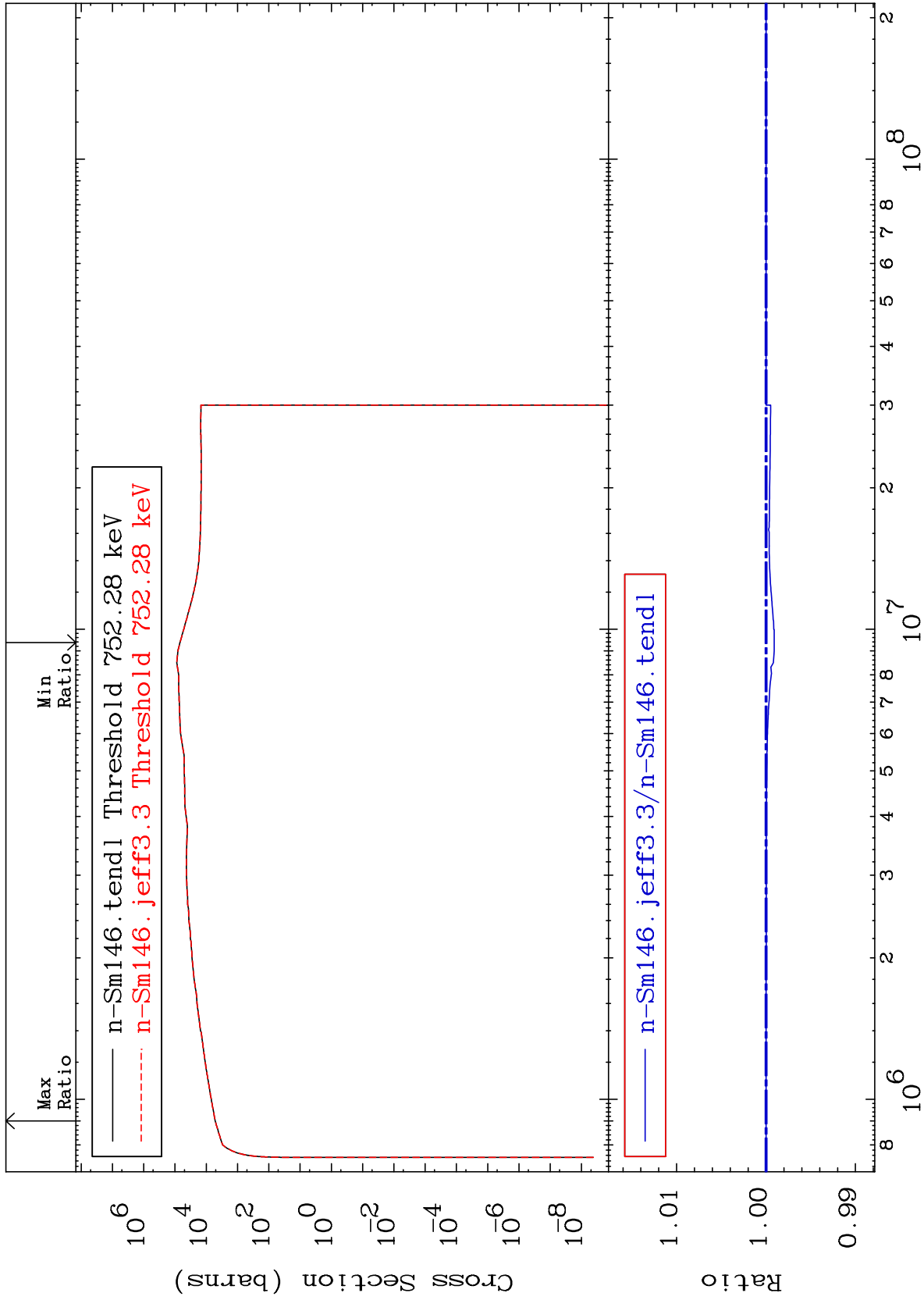
MAT 6231

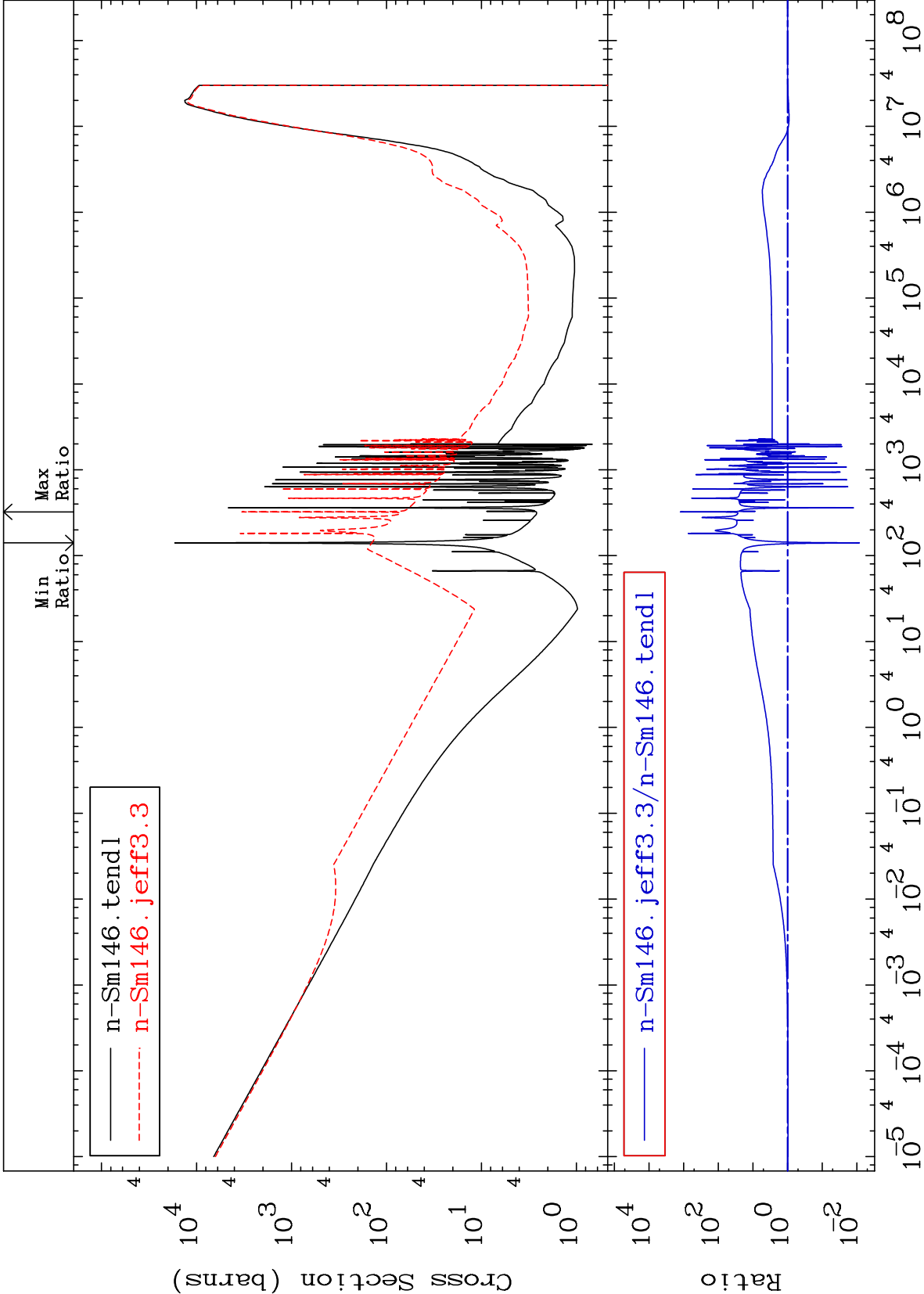
Dpa inelastic (mt51-91)

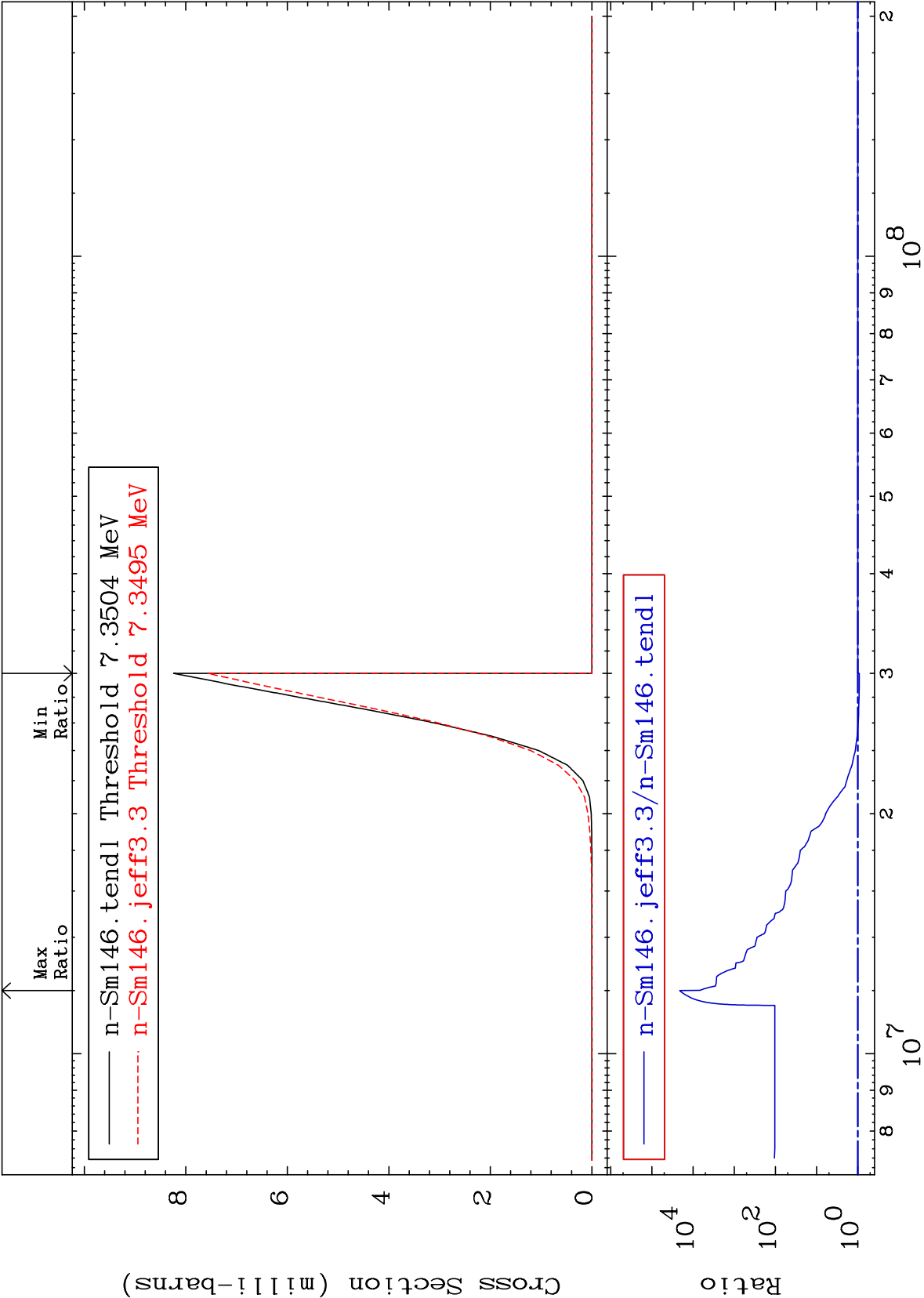
62-Sm-146

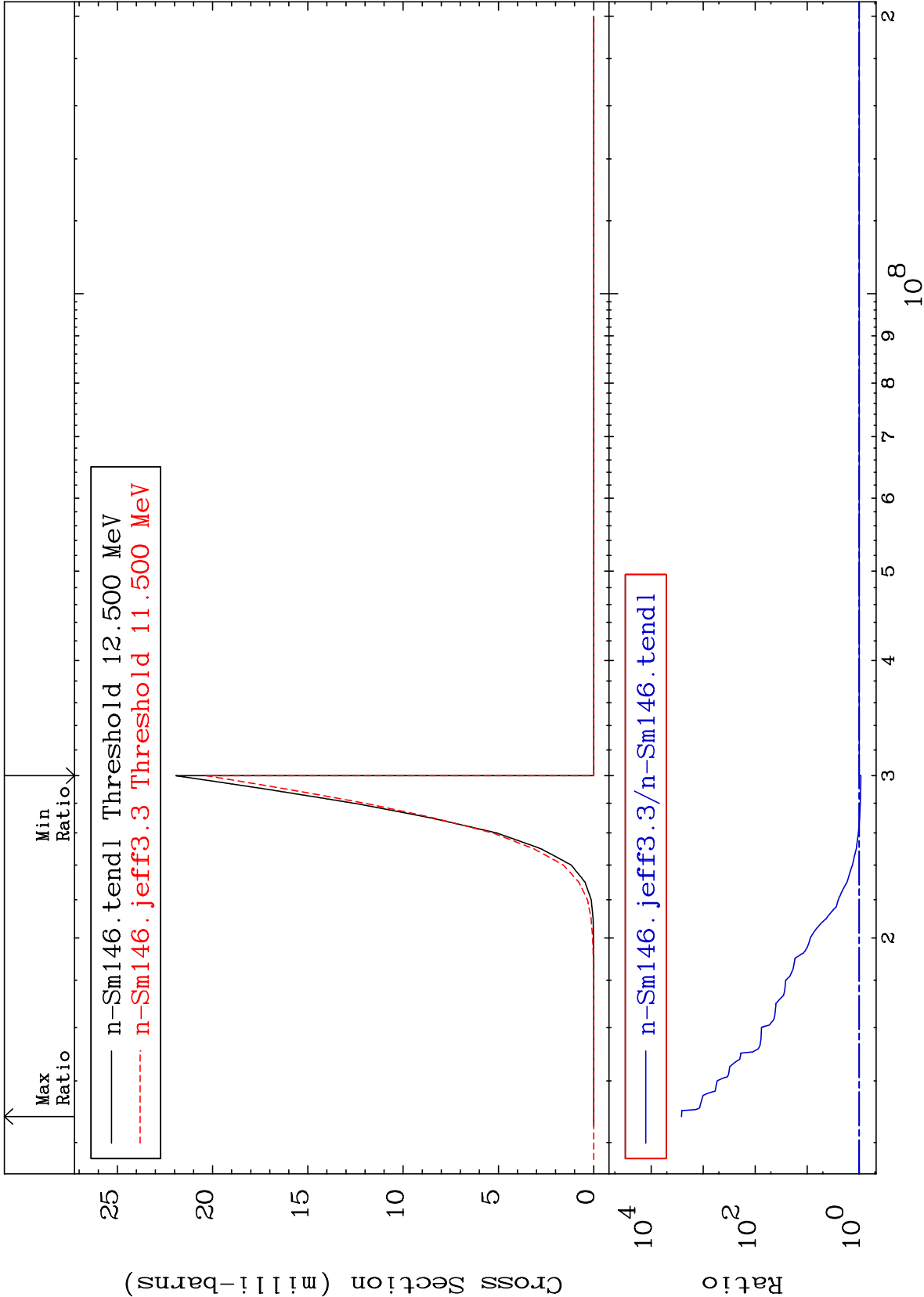
Cross Section

-0.092 To 0.000 %









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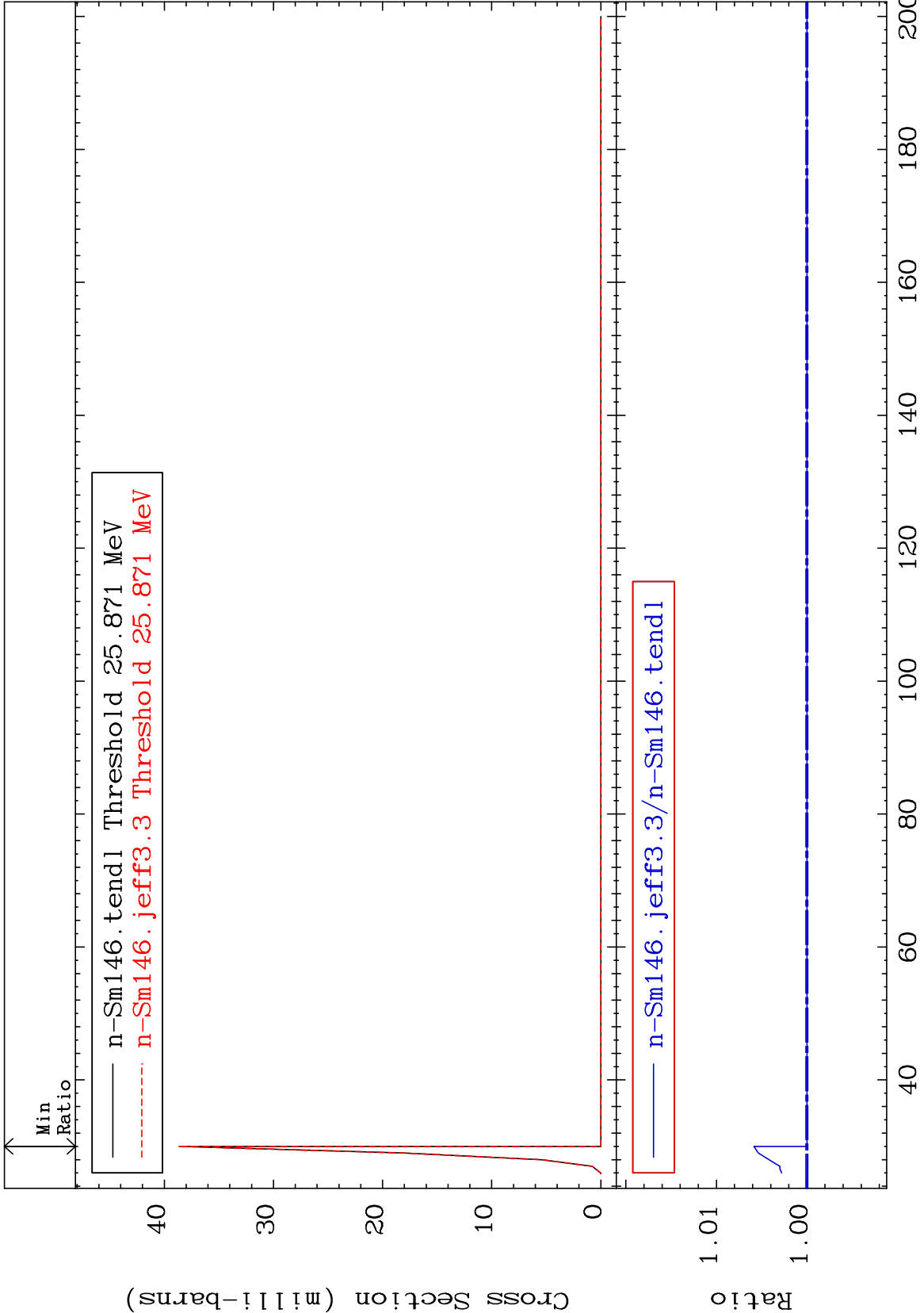
(n,4n):62-Sm-143g

62-Sm-146

Radionuclide Production Cross Section

0.000

To 0.585 %



60

Incident Energy (MeV)

62-Sm-146

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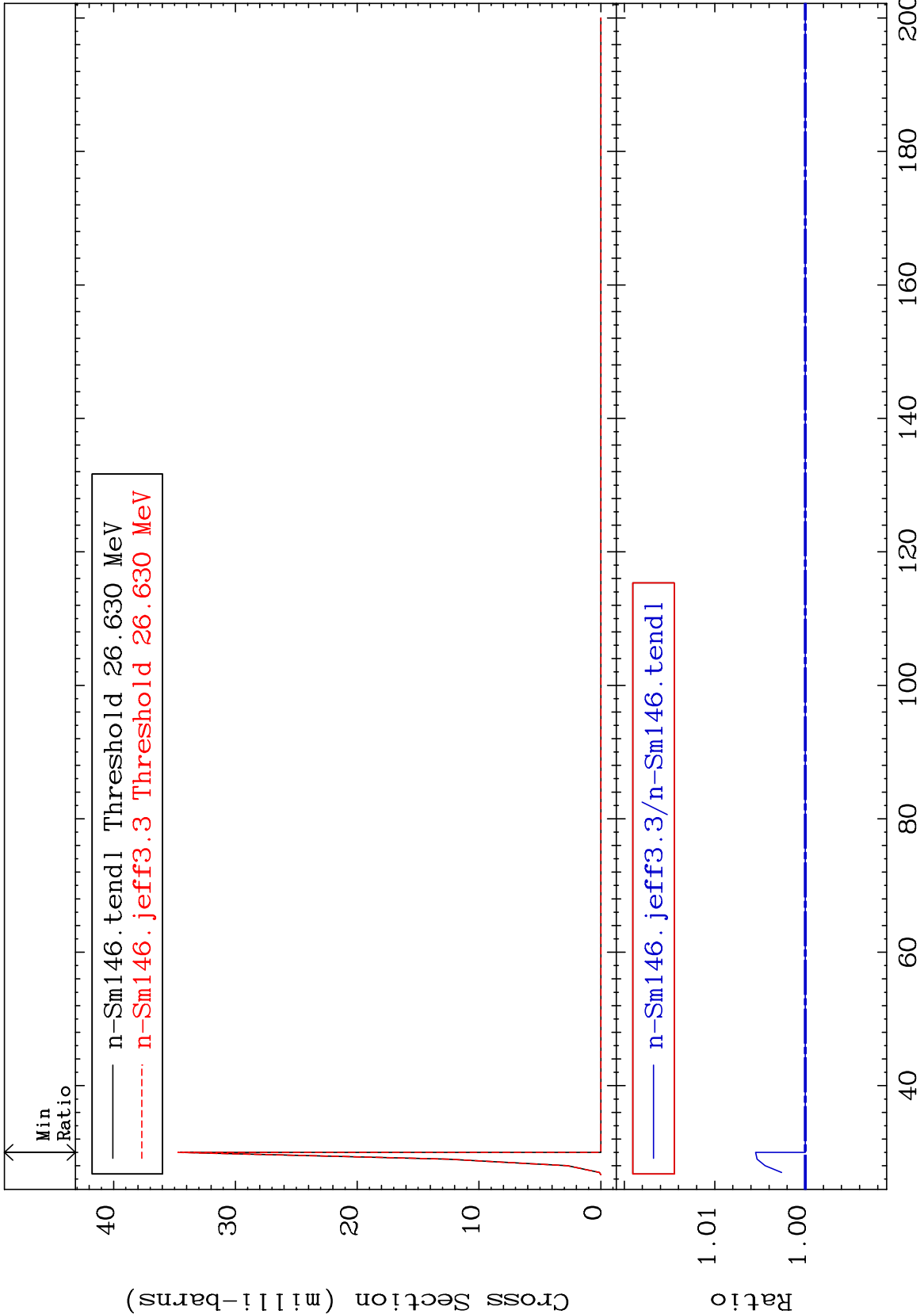
(n,4n):62-Sm-143m2

62-Sm-146

Radionuclide Production Cross Section

0.000

To 0.548 %



61

Incident Energy (MeV)

62-Sm-146