

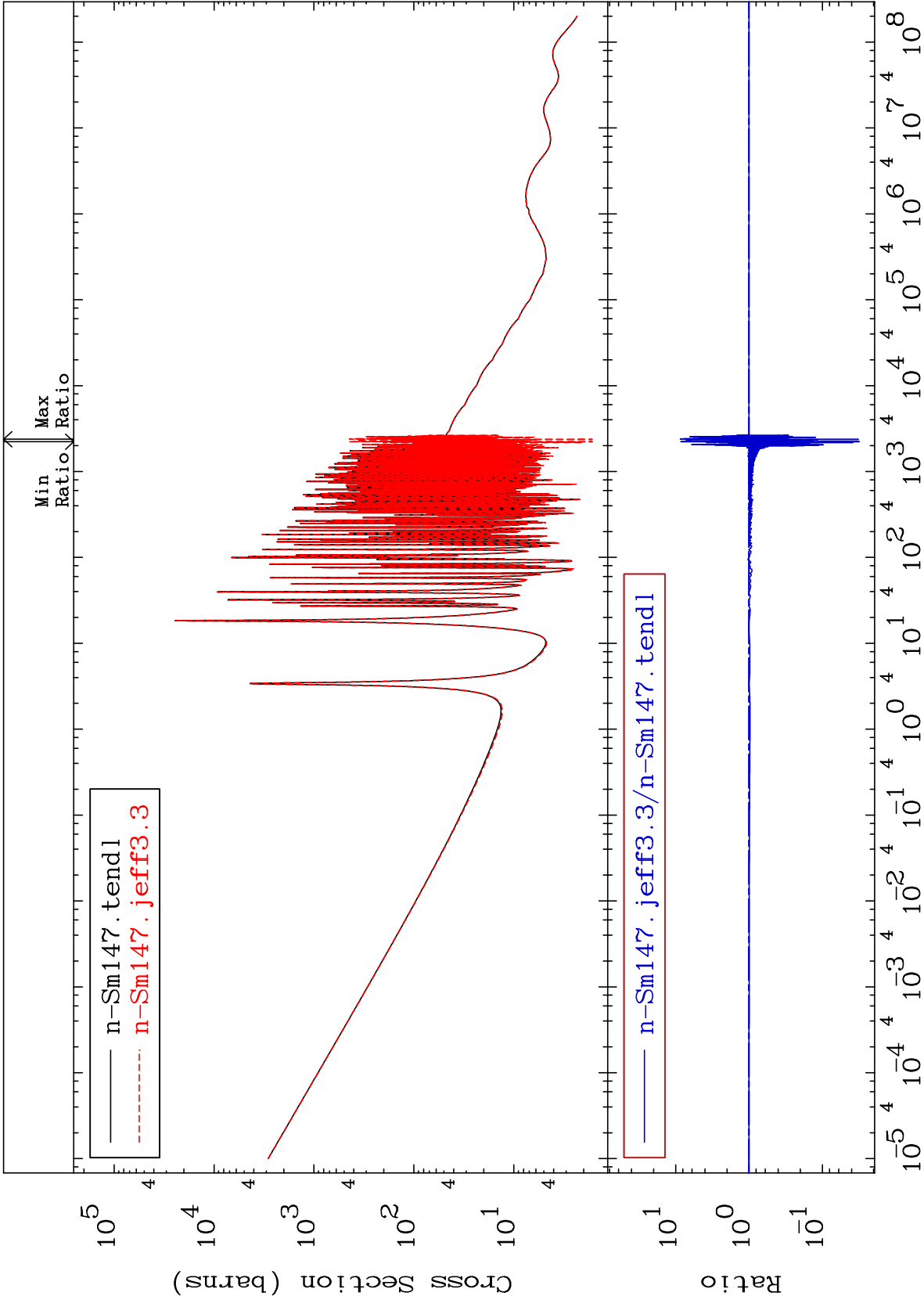
MAT 6234

Total

62-Sm-147

Cross Section

-96.87 To 769.7 %



Incident Energy (eV)

62-Sm-147

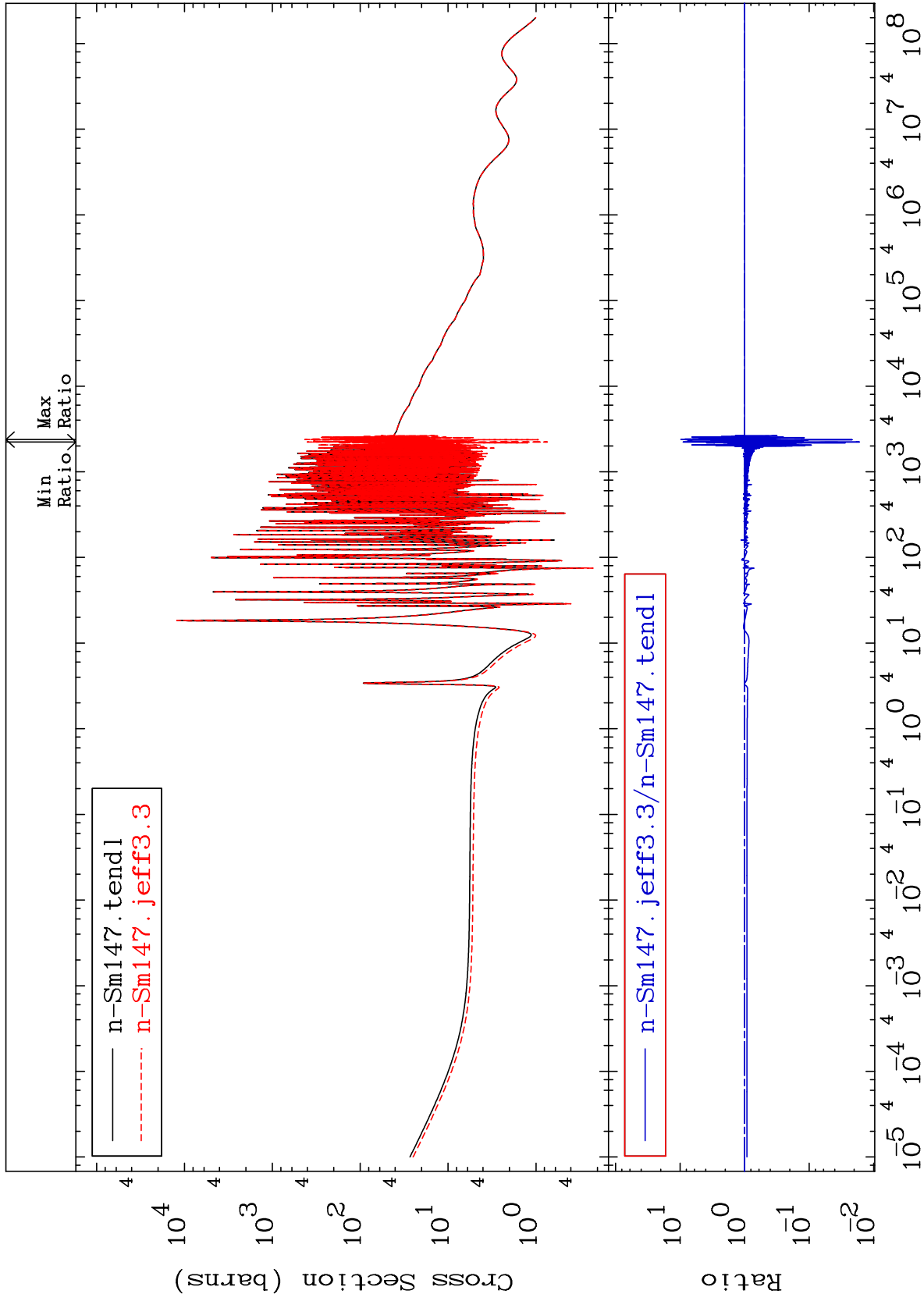
MAT 6234

Elastic

$^{62}\text{Sm-147}$

Cross Section

-98.35 To 876.8 %

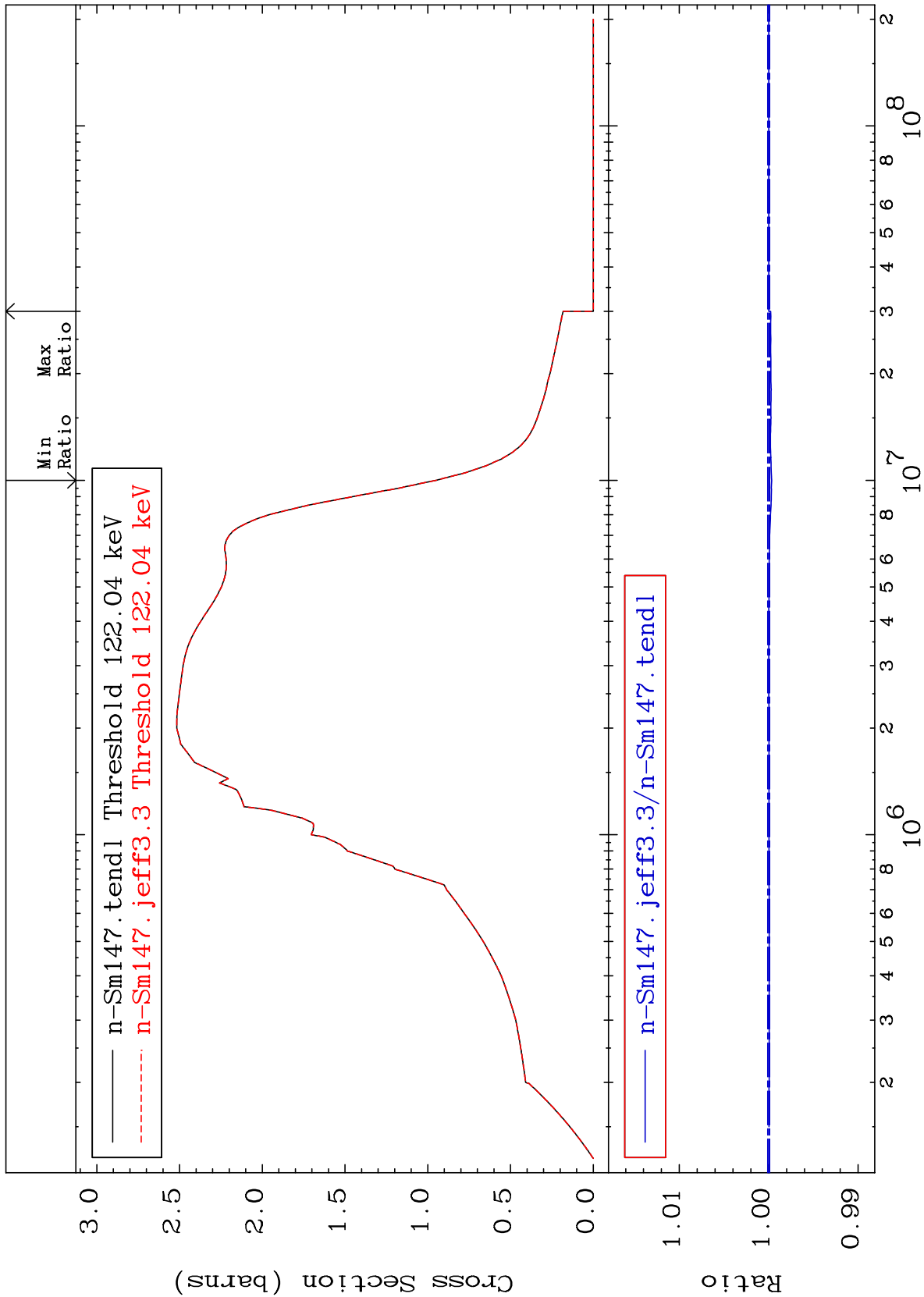


Incident Energy (eV)

$^{62}\text{Sm-147}$

Inelastic
Cross Section

-0.032 To 0.000 %



MAT 6234

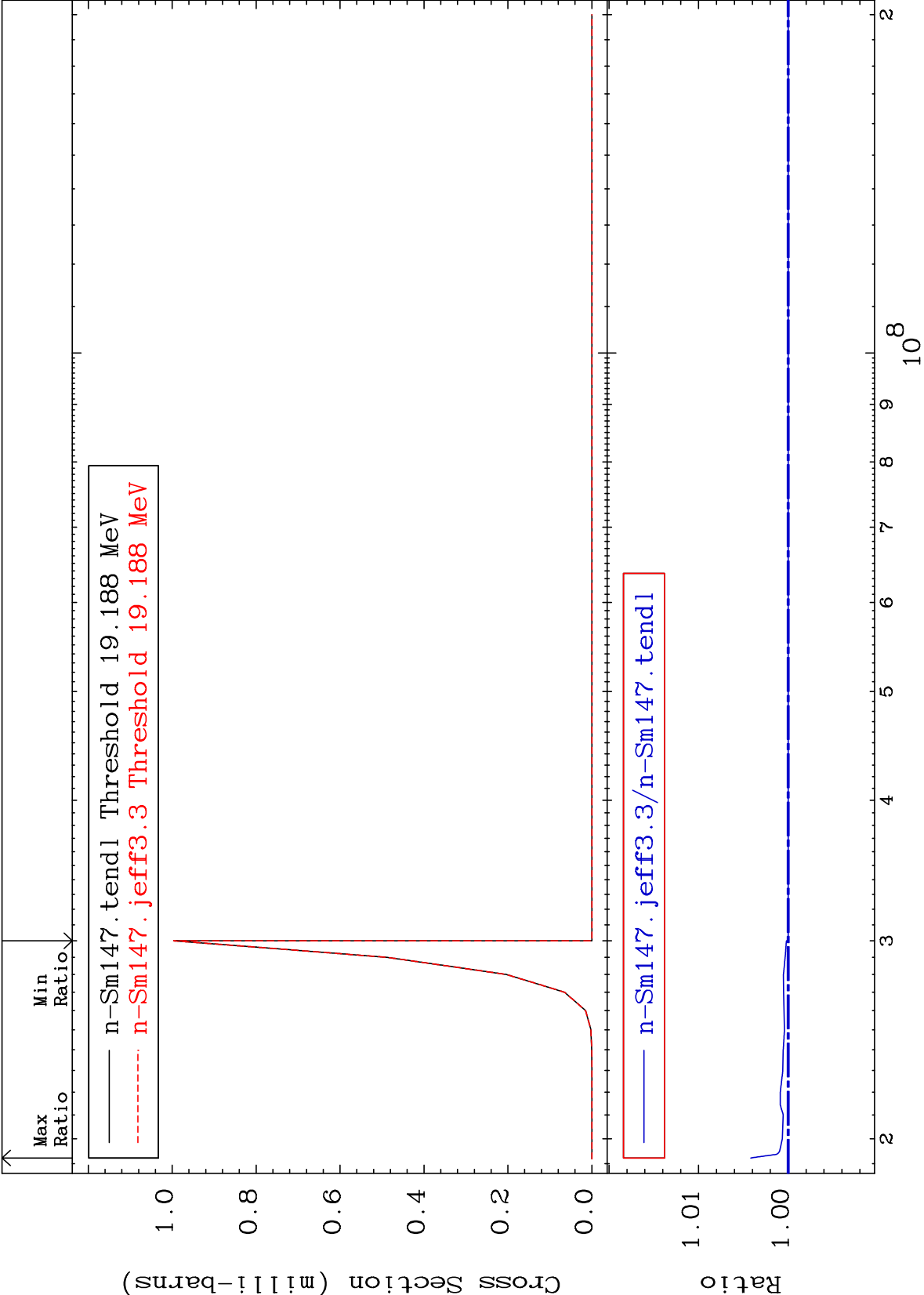
(n,2n) d

62-Sm-147

Cross Section

0.000

To 0.417 %



4

Incident Energy (eV)

62-Sm-147

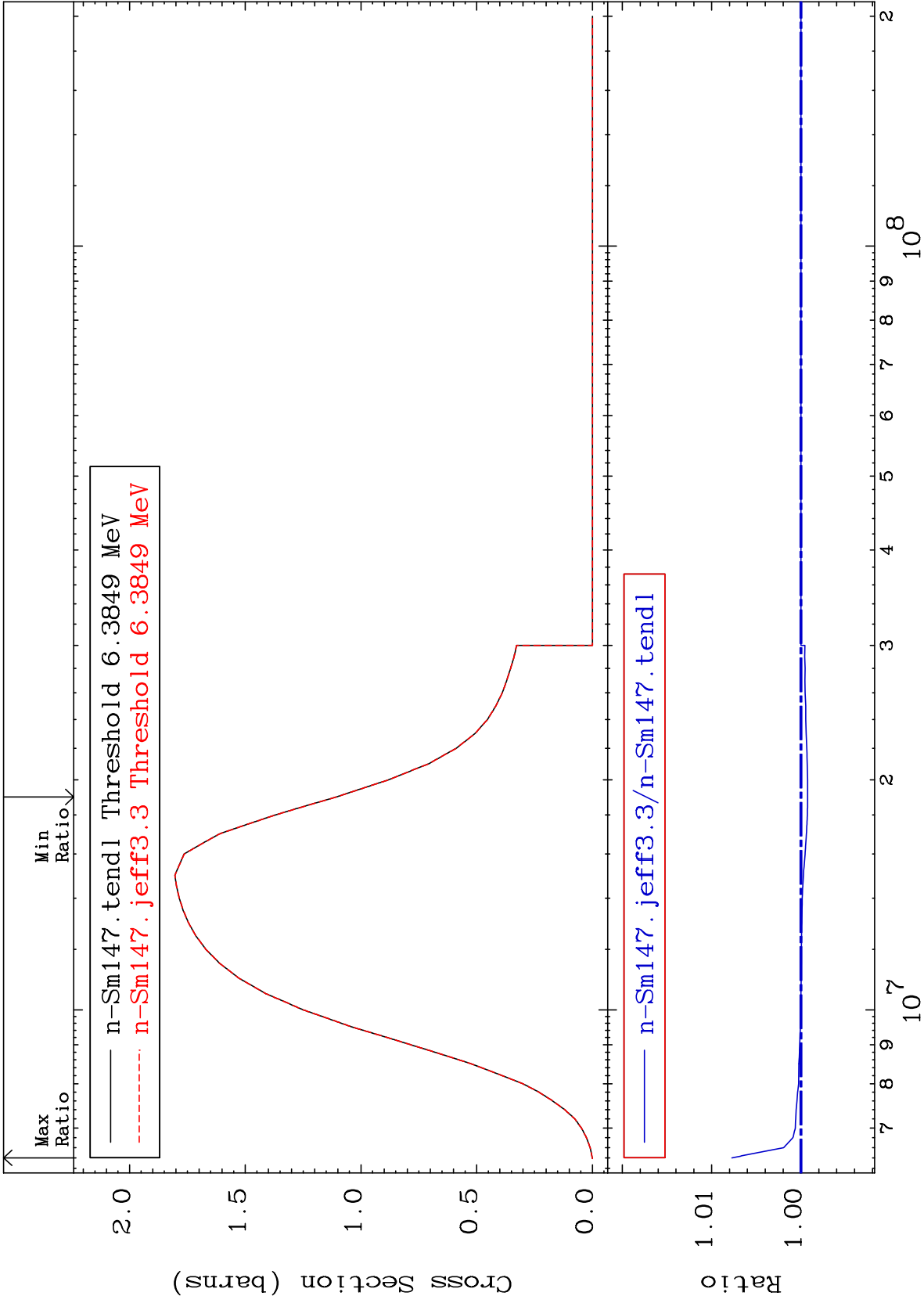
MAT 6234

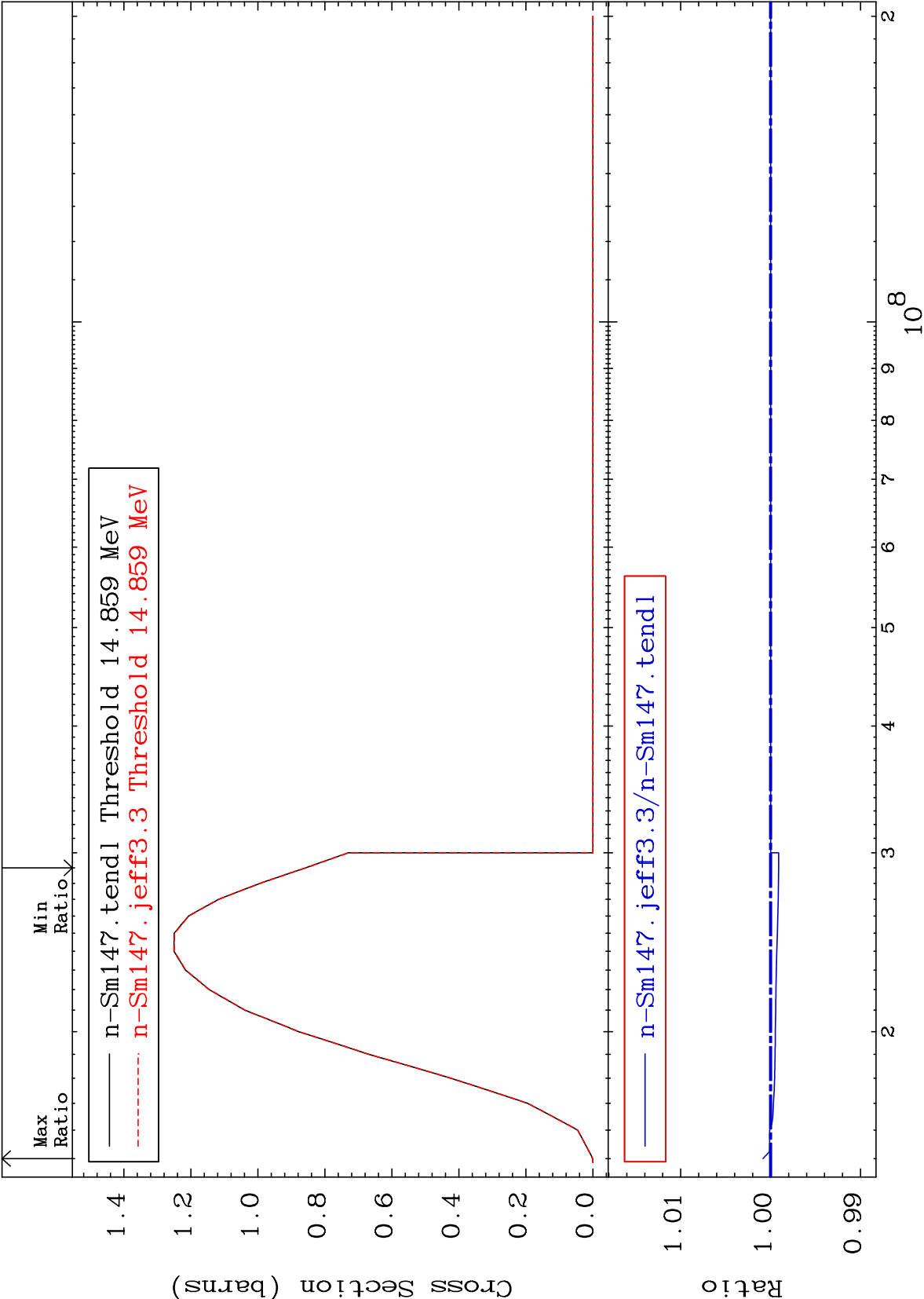
(n,2n)

62-Sm-147

Cross Section

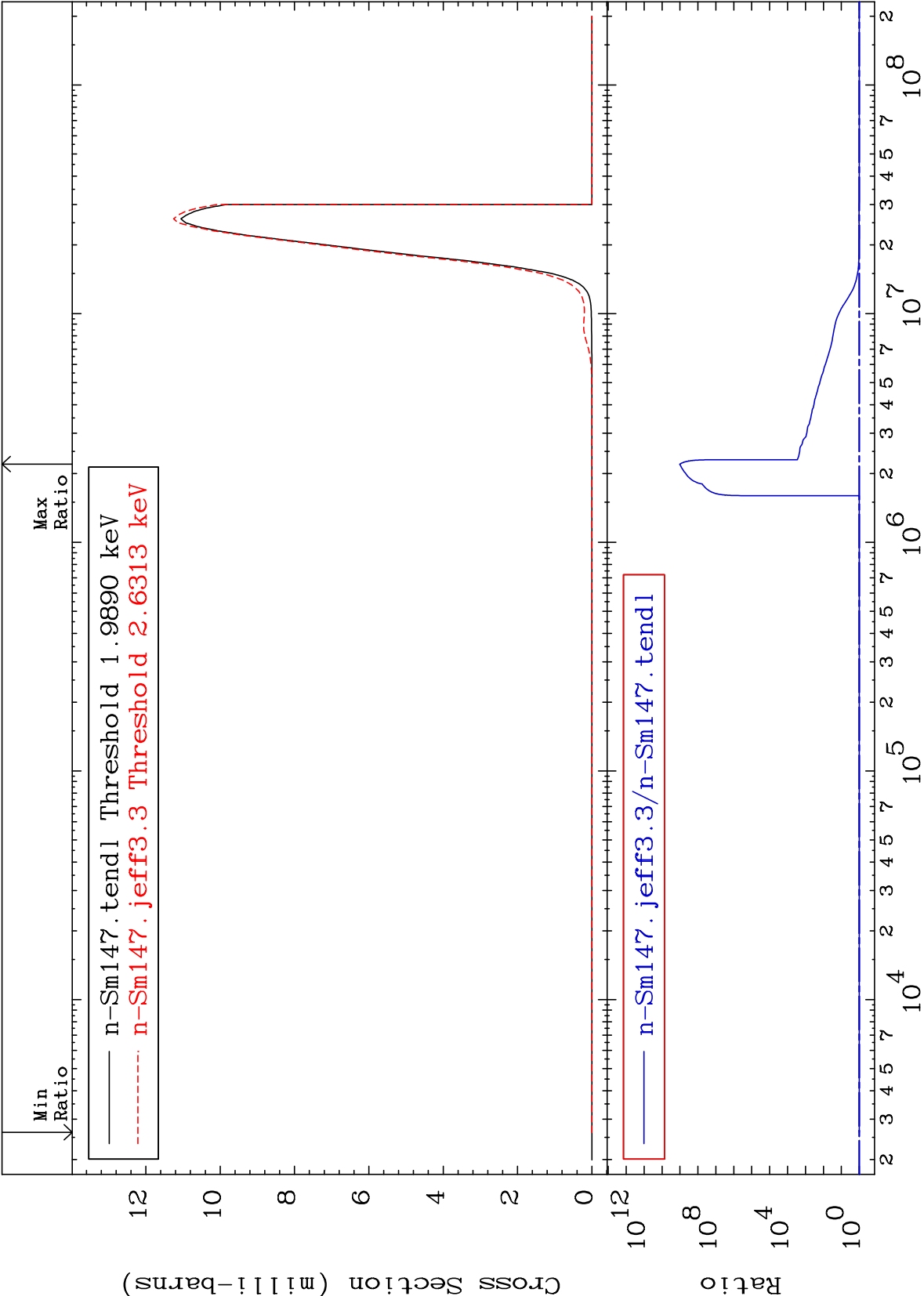
-0.075 To 0.774 %





MAT 6234

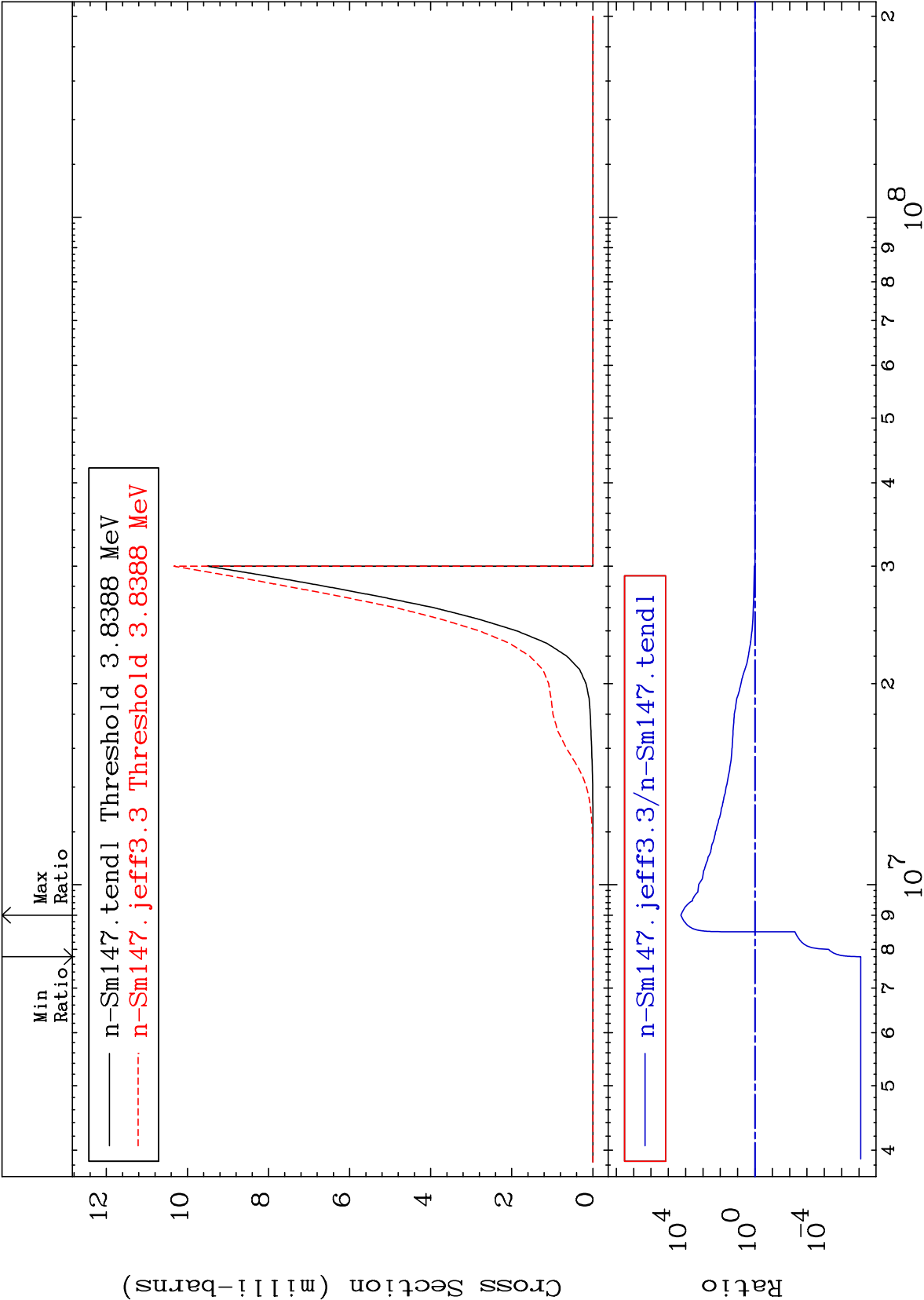
$(n, n') \alpha$
Cross Section
62-Sm-147
To 9999. %

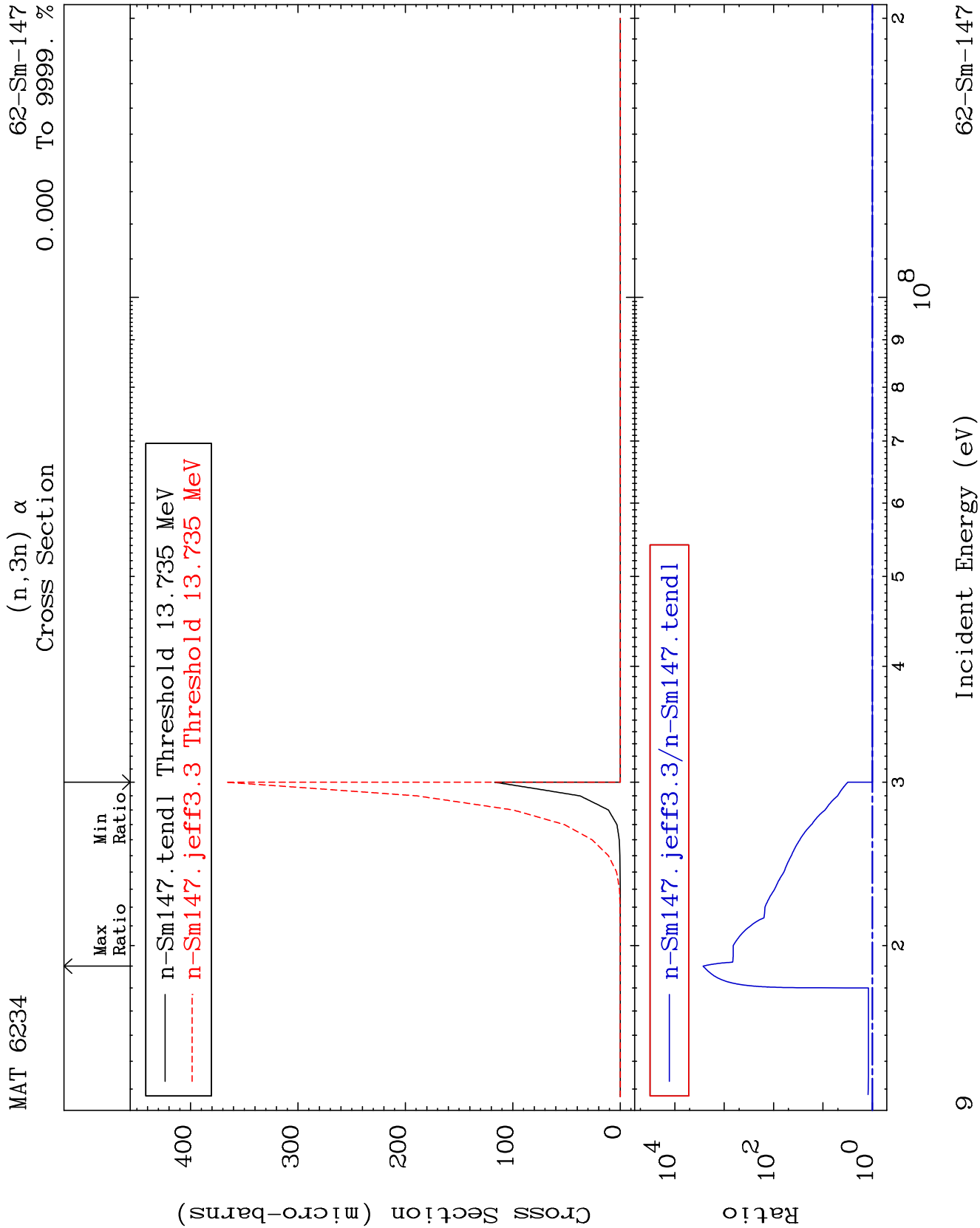


MAT 6234

(n,2n) α
Cross Section

62-Sm-147
-100.0 To 9999. %

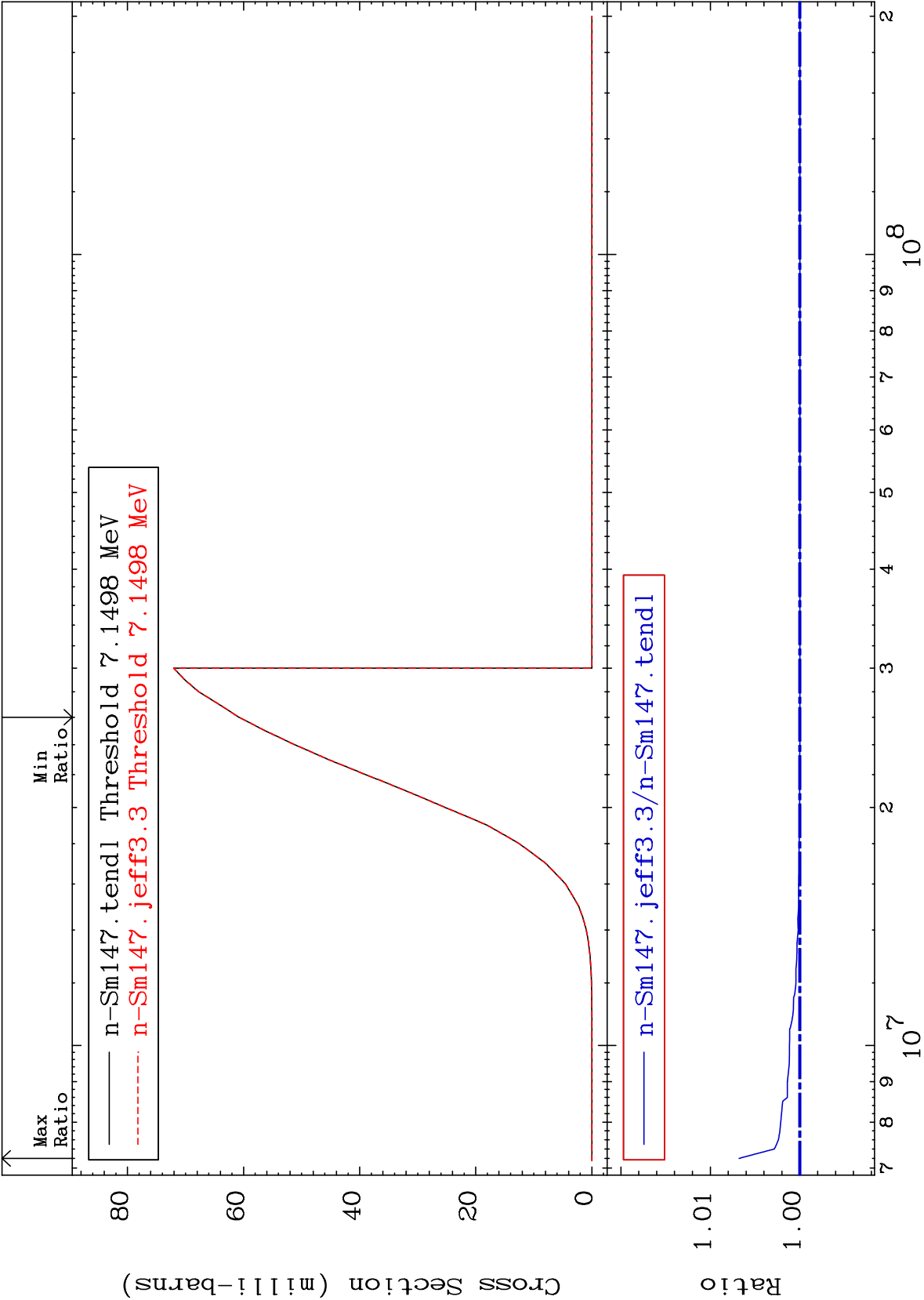


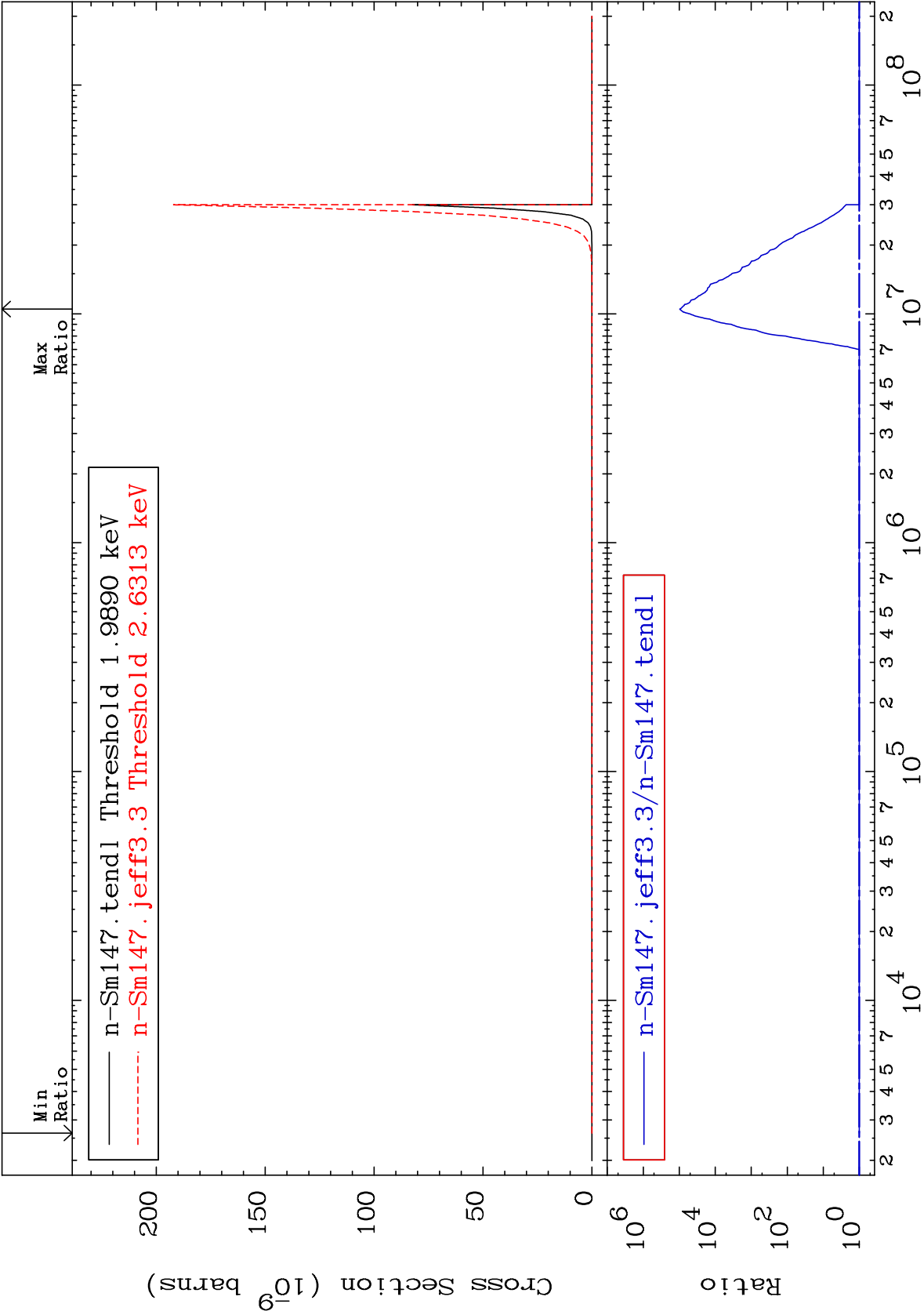


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(n,n') p
Cross Section

62-Sm-147
-0.001 To 0.679 %





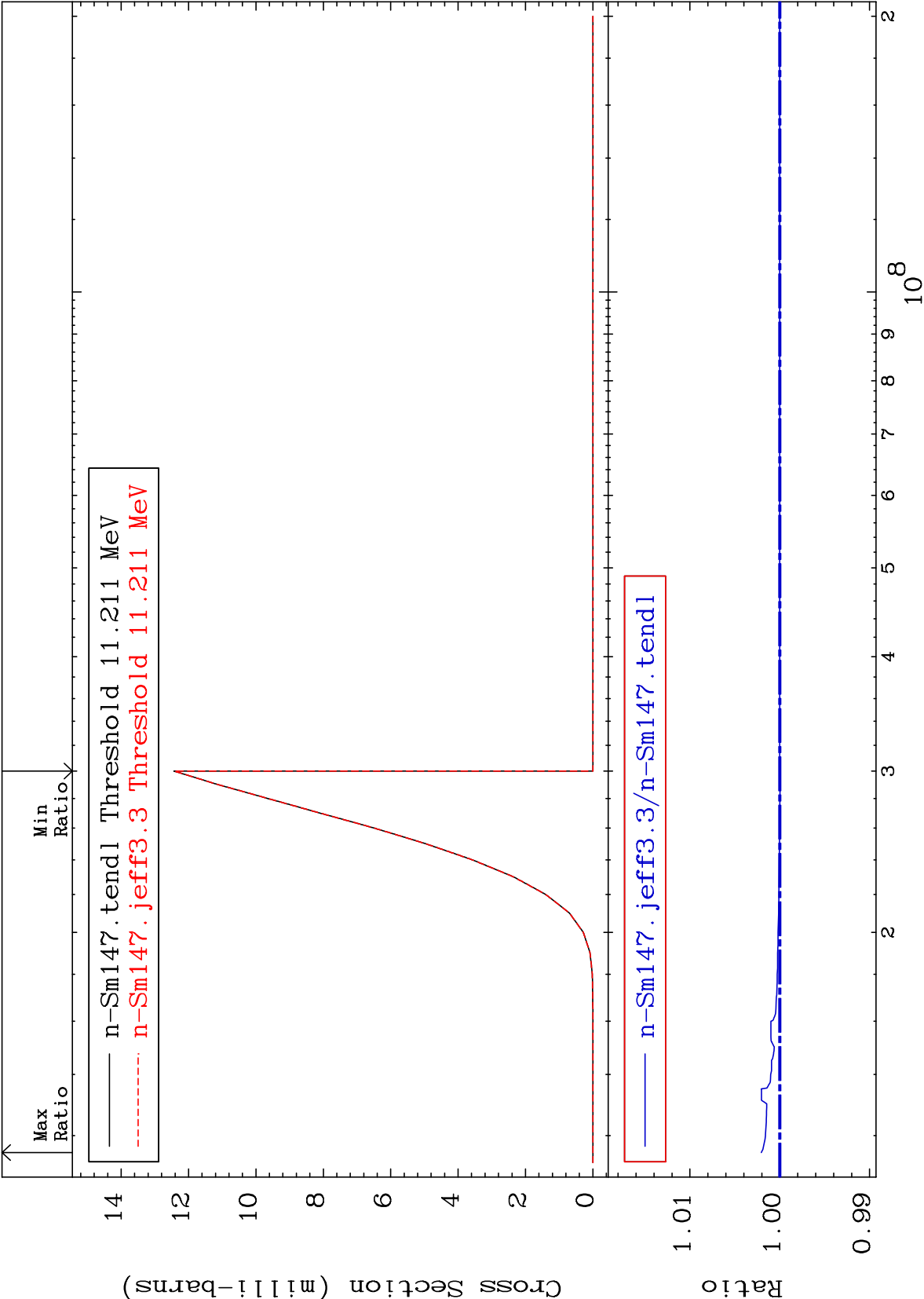
MAT 6234

(n,n') d

62-Sm-147

Cross Section

-0.007 To 0.207 %



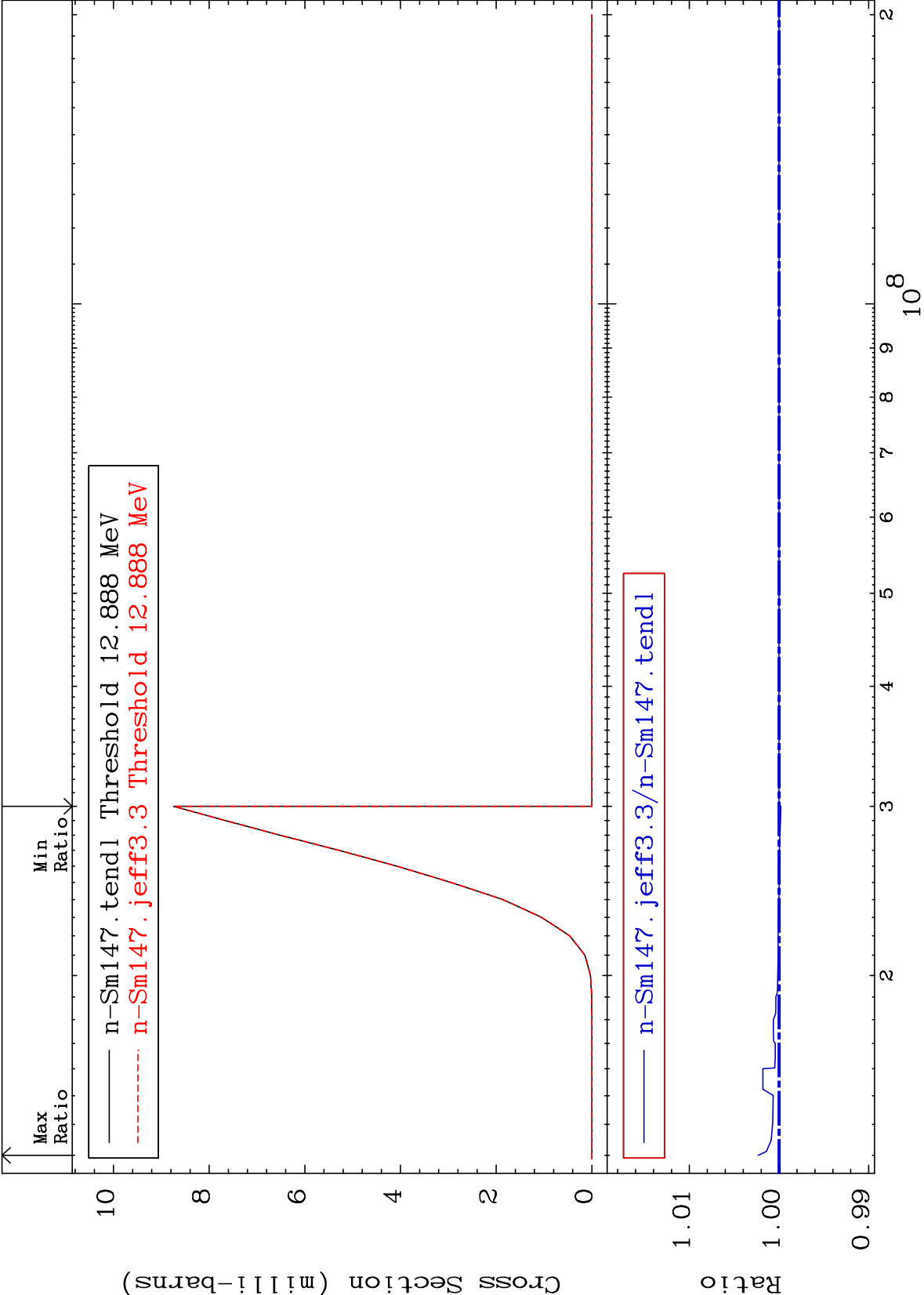
12

Incident Energy (eV)

62-Sm-147

Cross Section

-0.021 To 0.234 %



(n, n') He-3	62-Sm-147
Cross Section	0.000 To 0.140 %



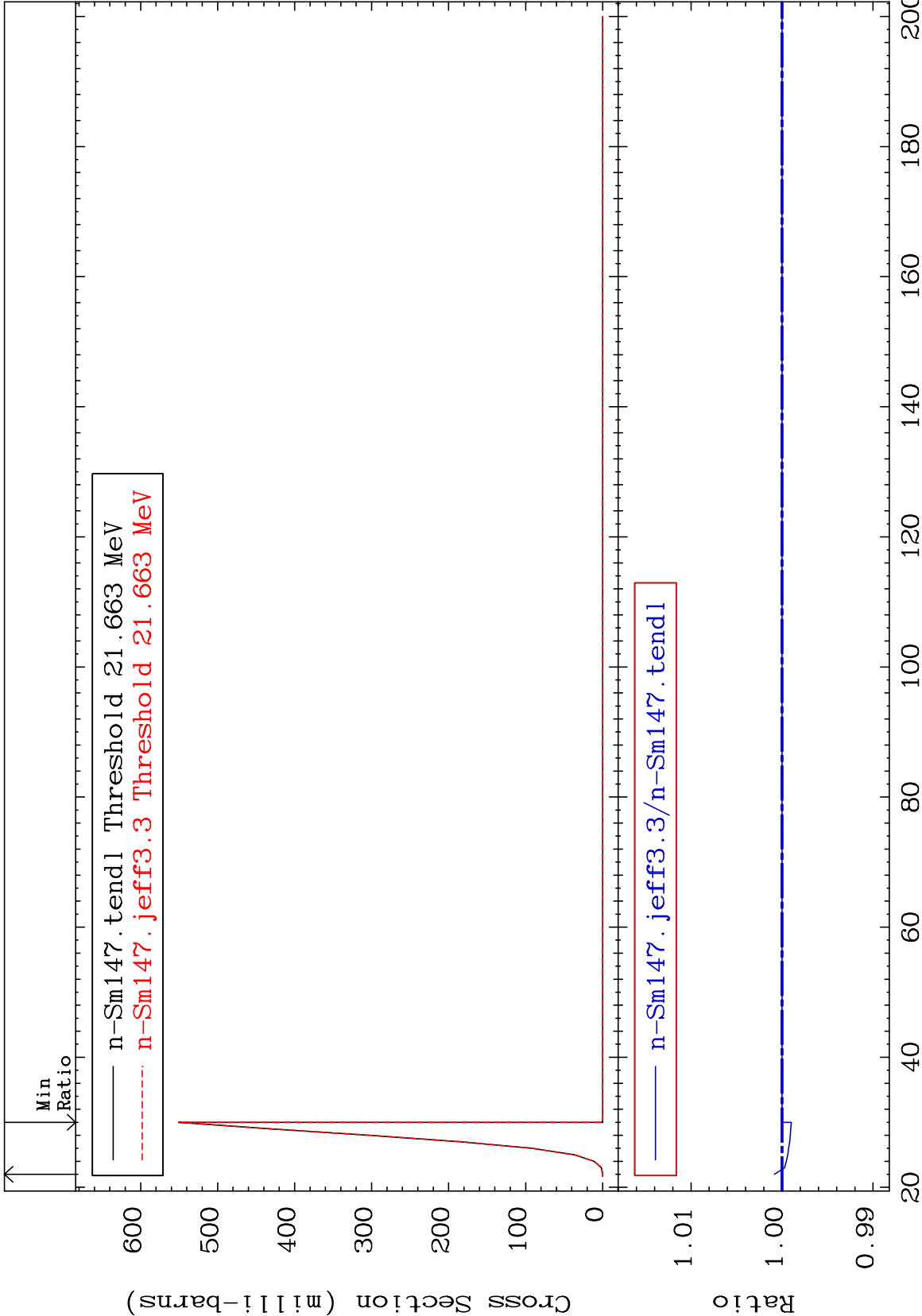
MAT 6234

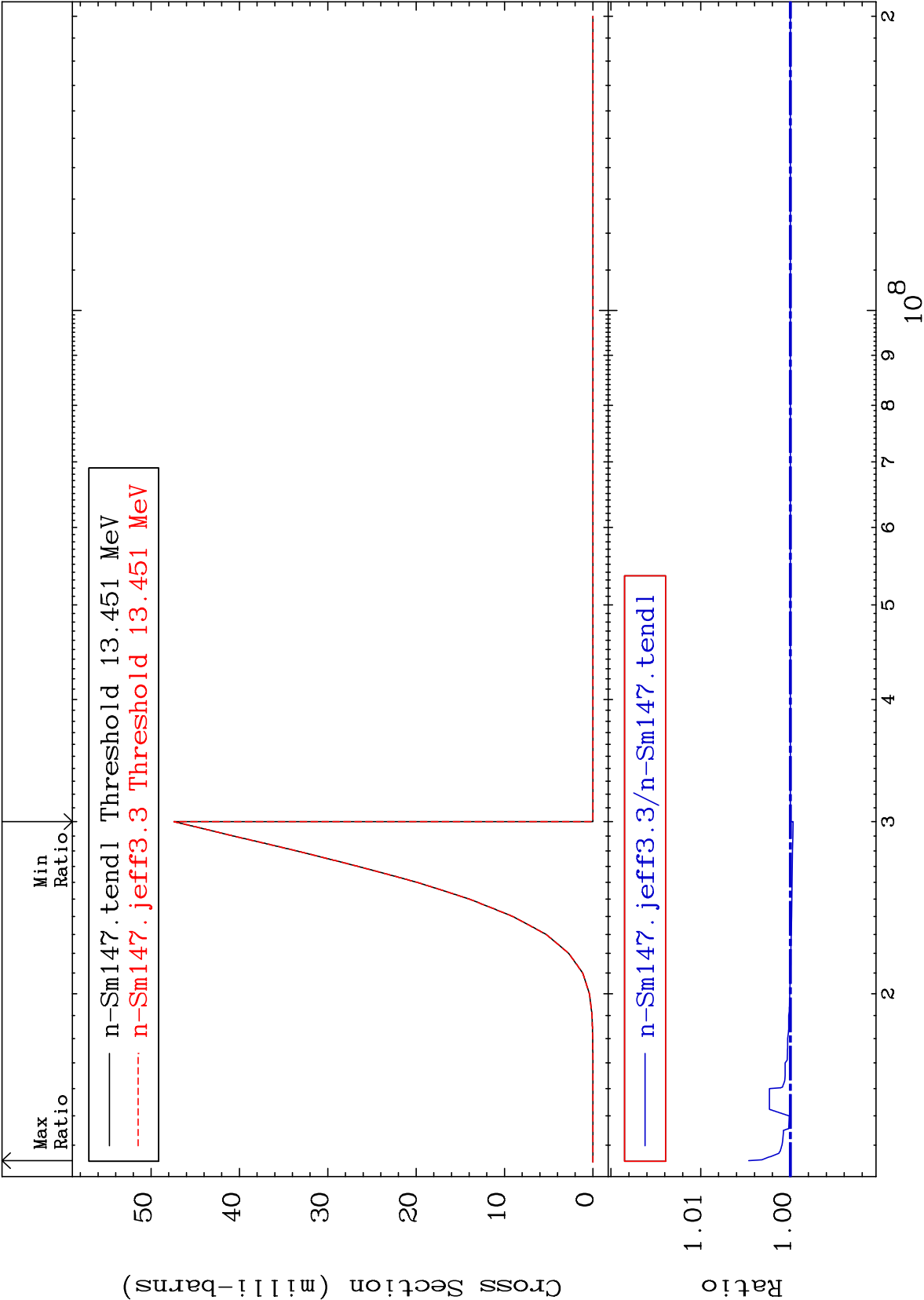
(n,4n)

62-Sm-147

Cross Section

-0.101 To 0.084 %

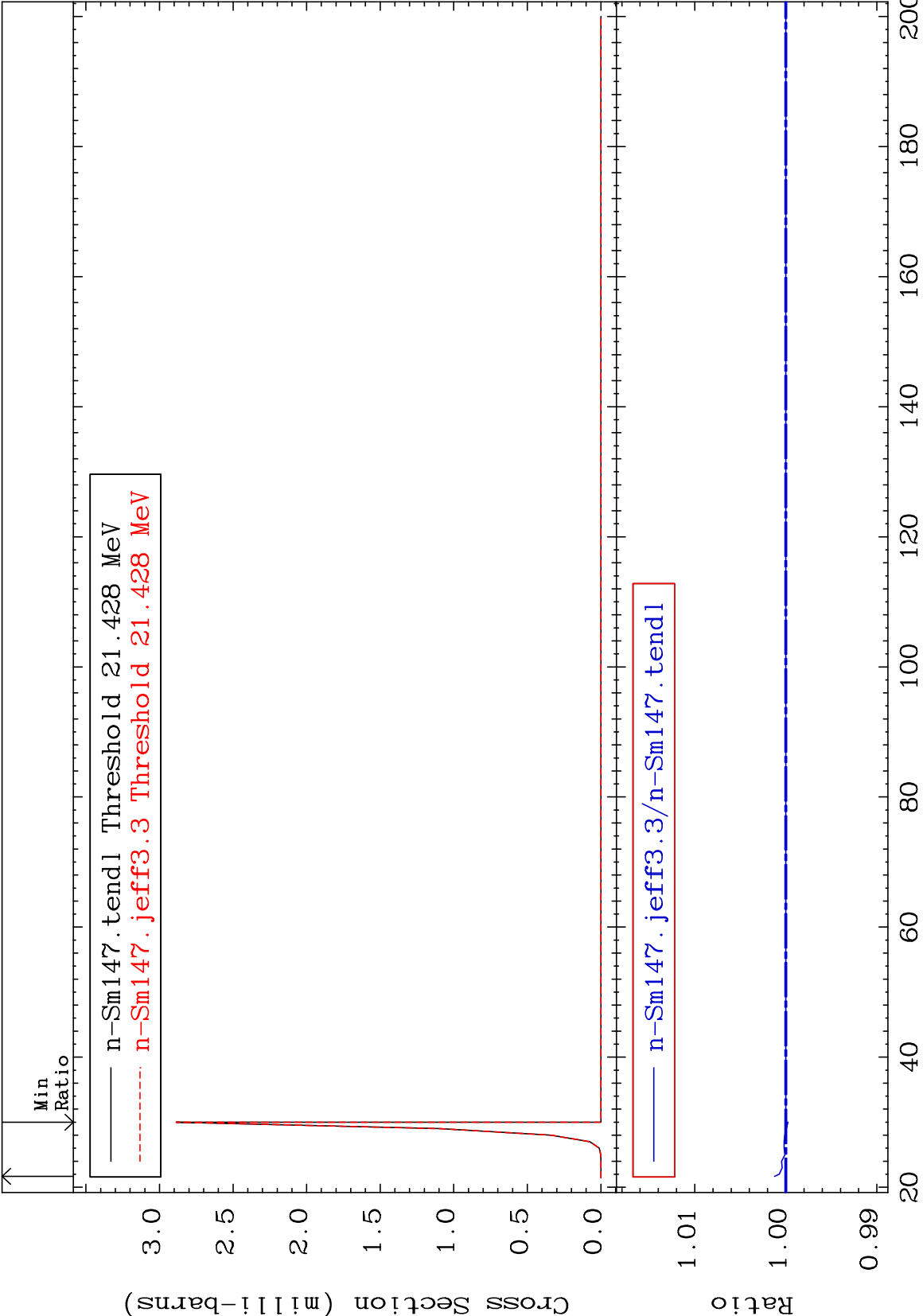


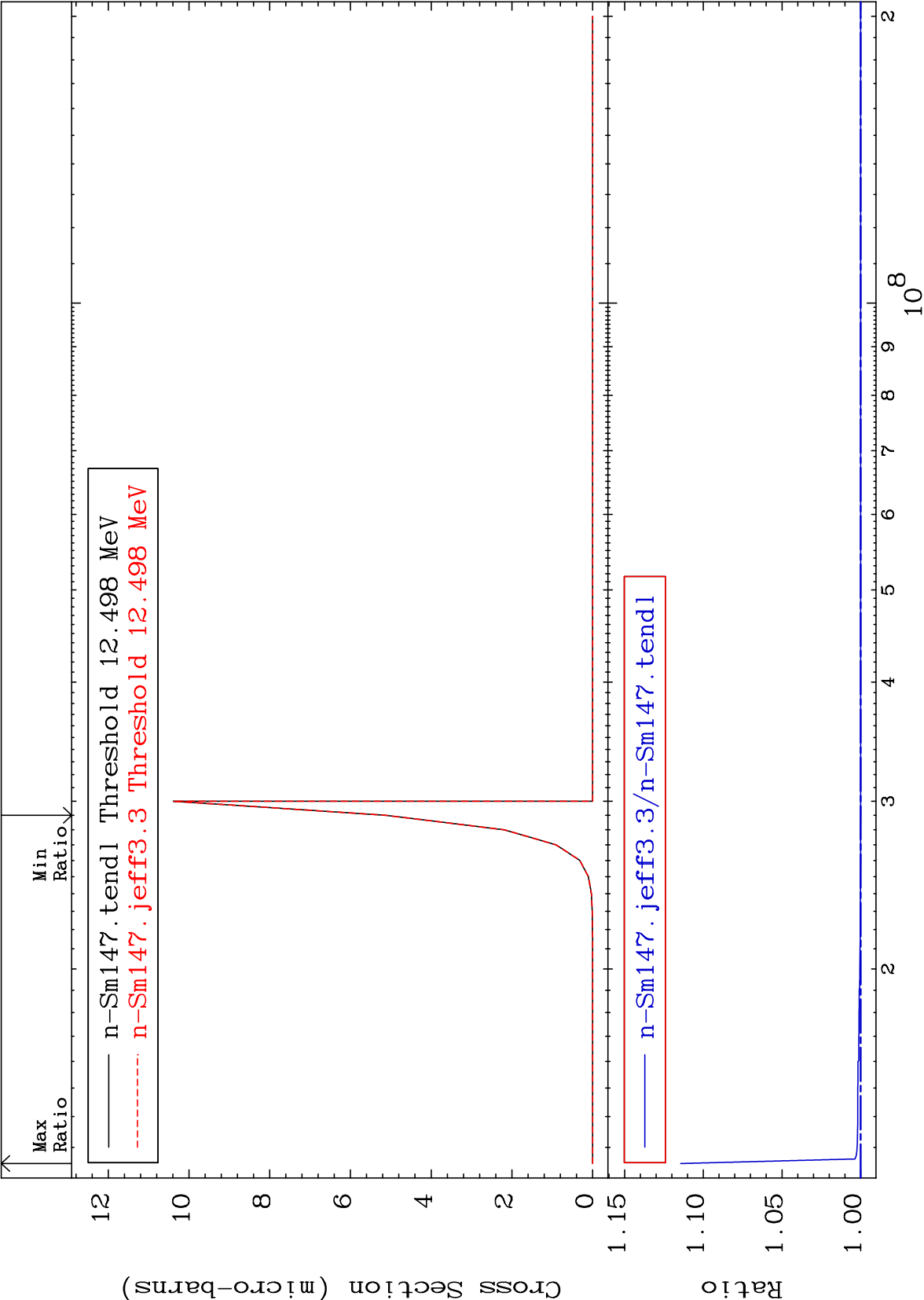


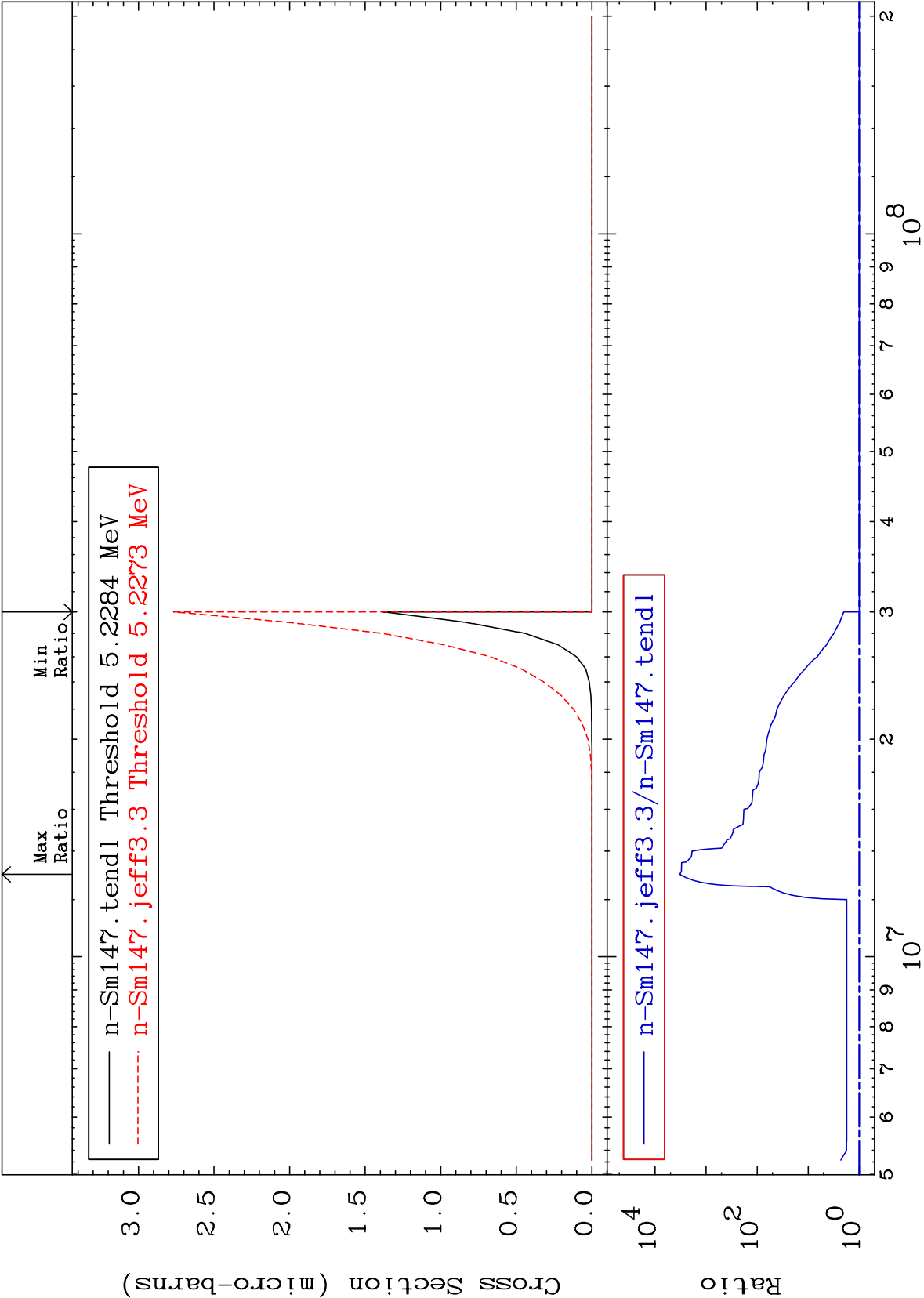
MAT 6234

(n,3n) p
Cross Section

62-Sm-147
-0.023 To 0.123 %







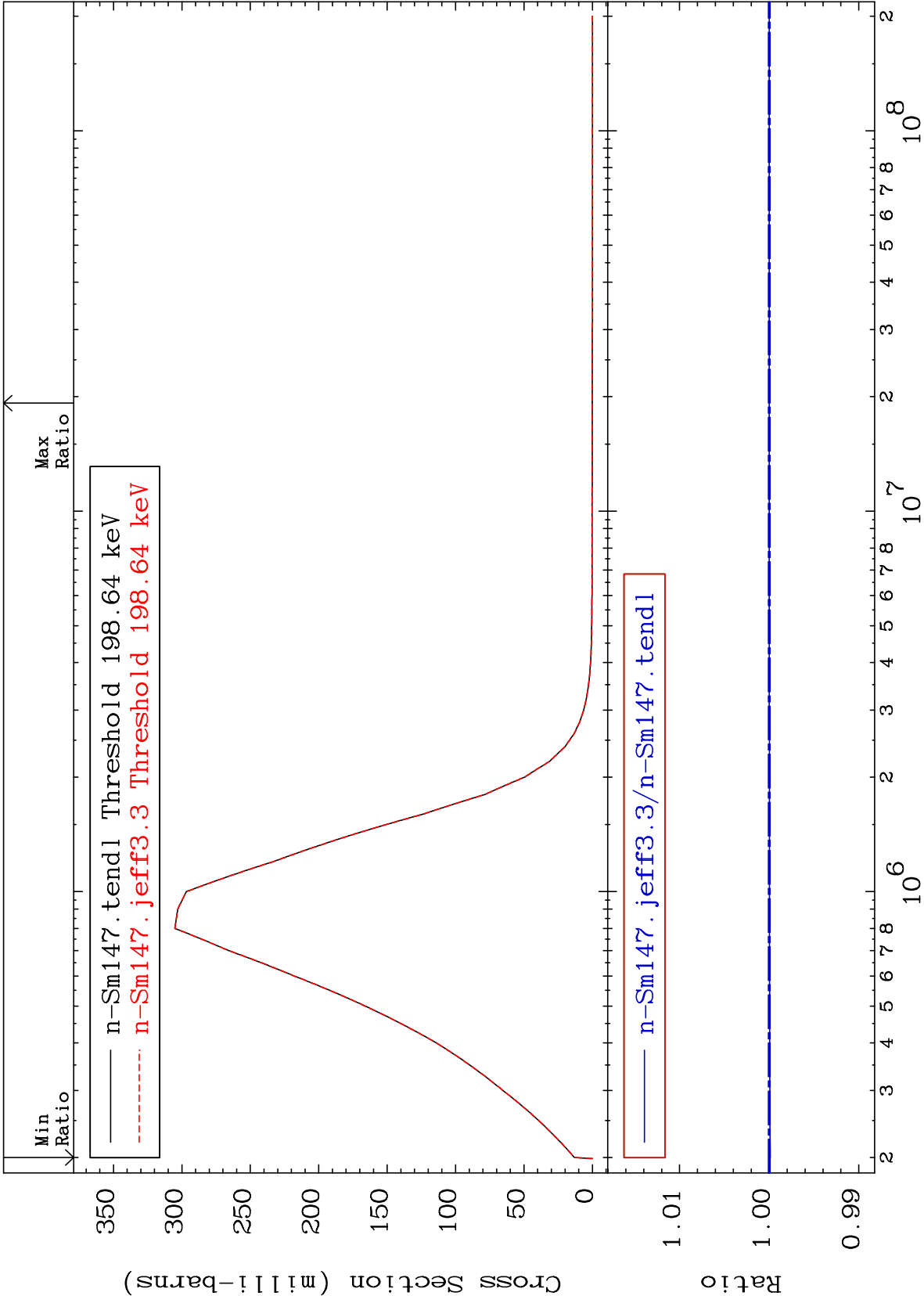
MAT 6234

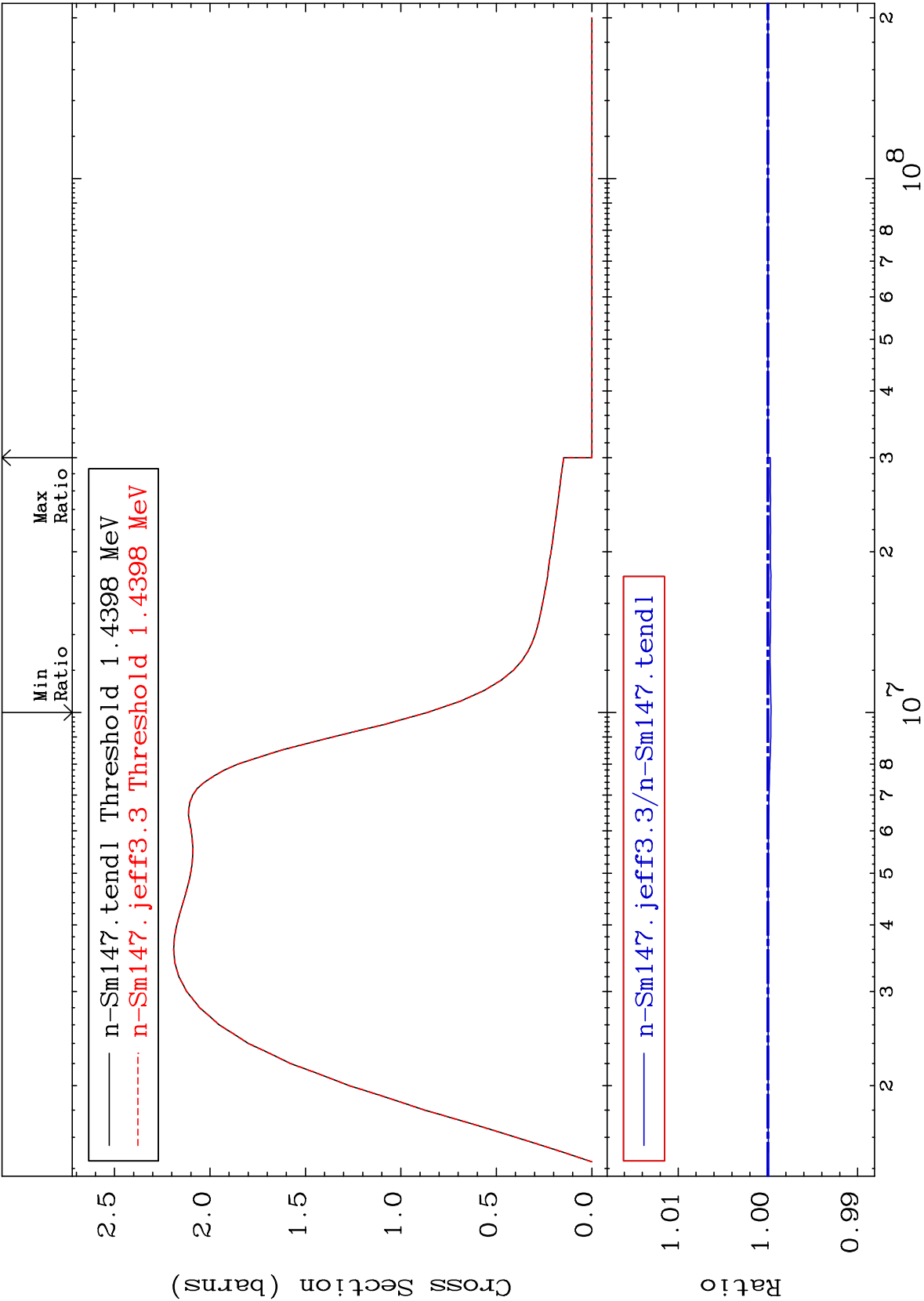
MT= 52 (n,n') Level

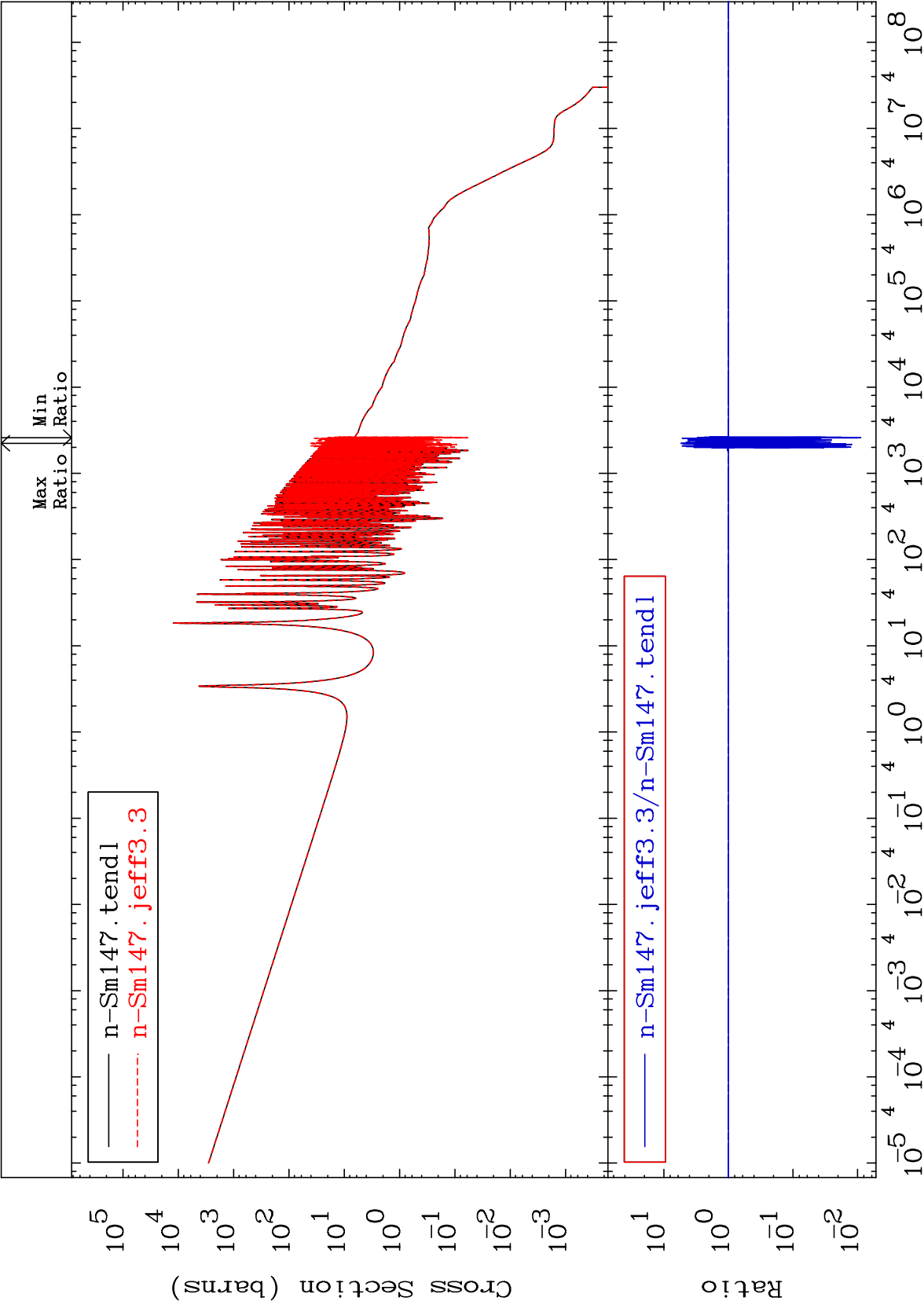
62-Sm-147

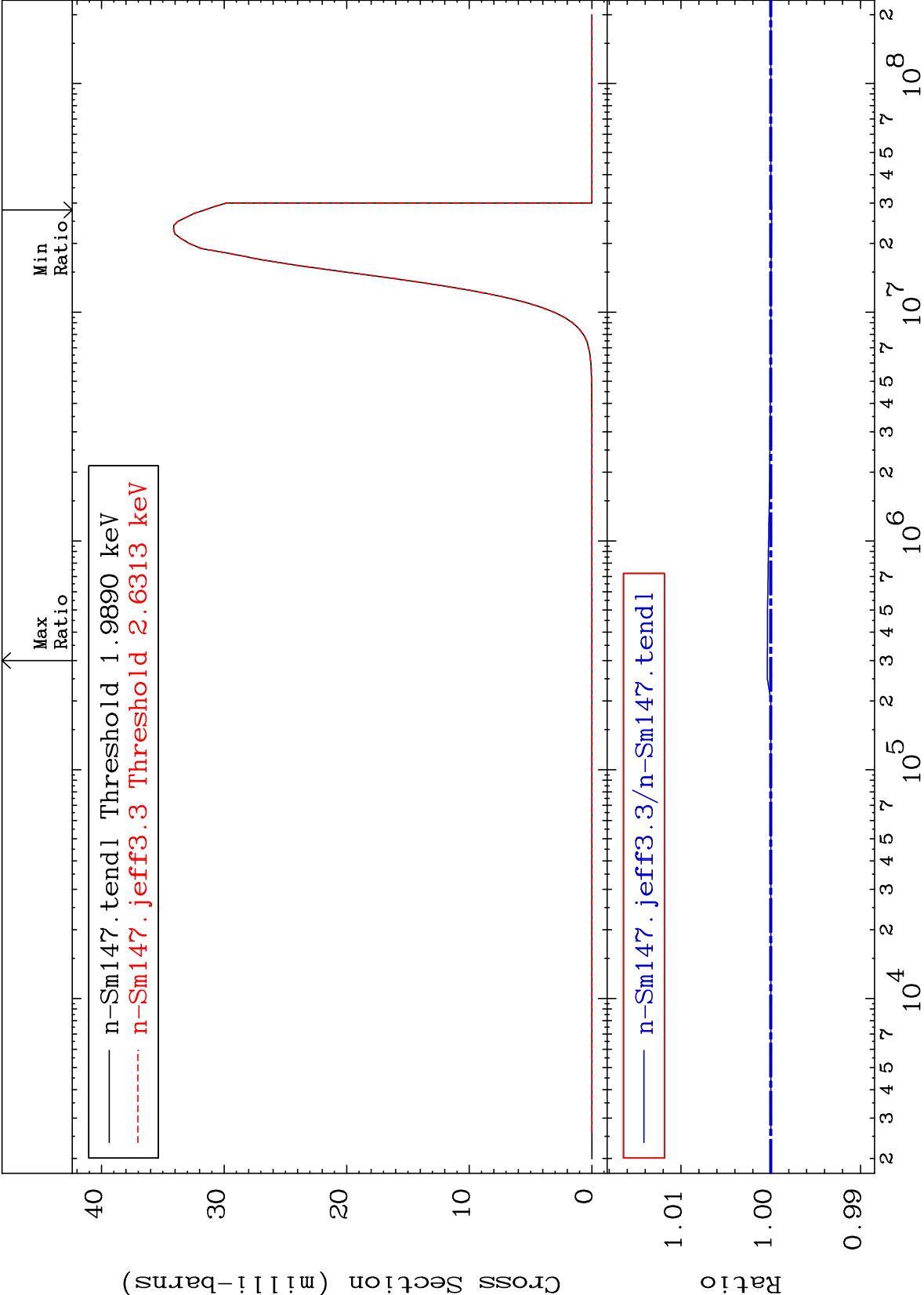
Cross Section

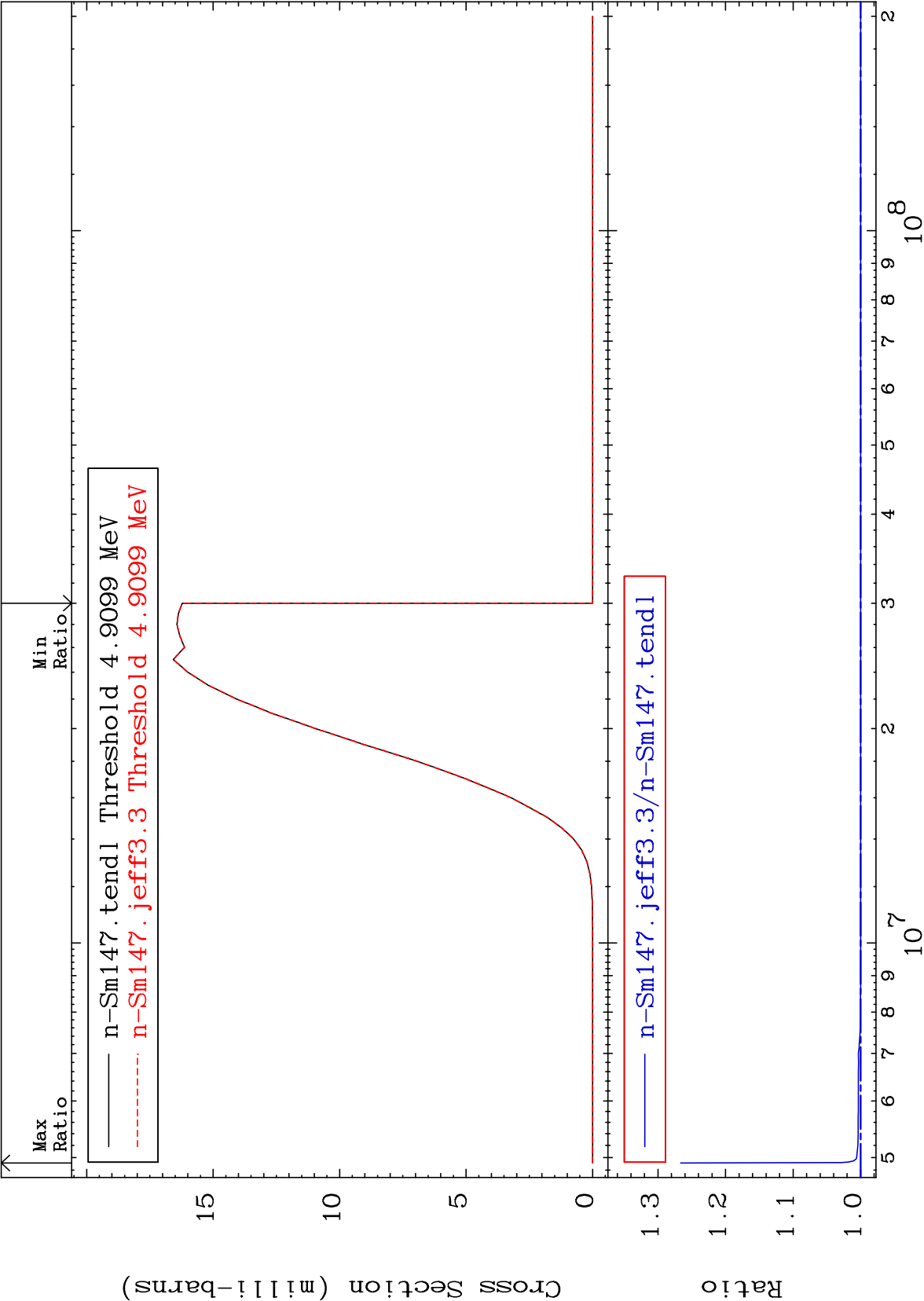
-0.013 To 0.000 %









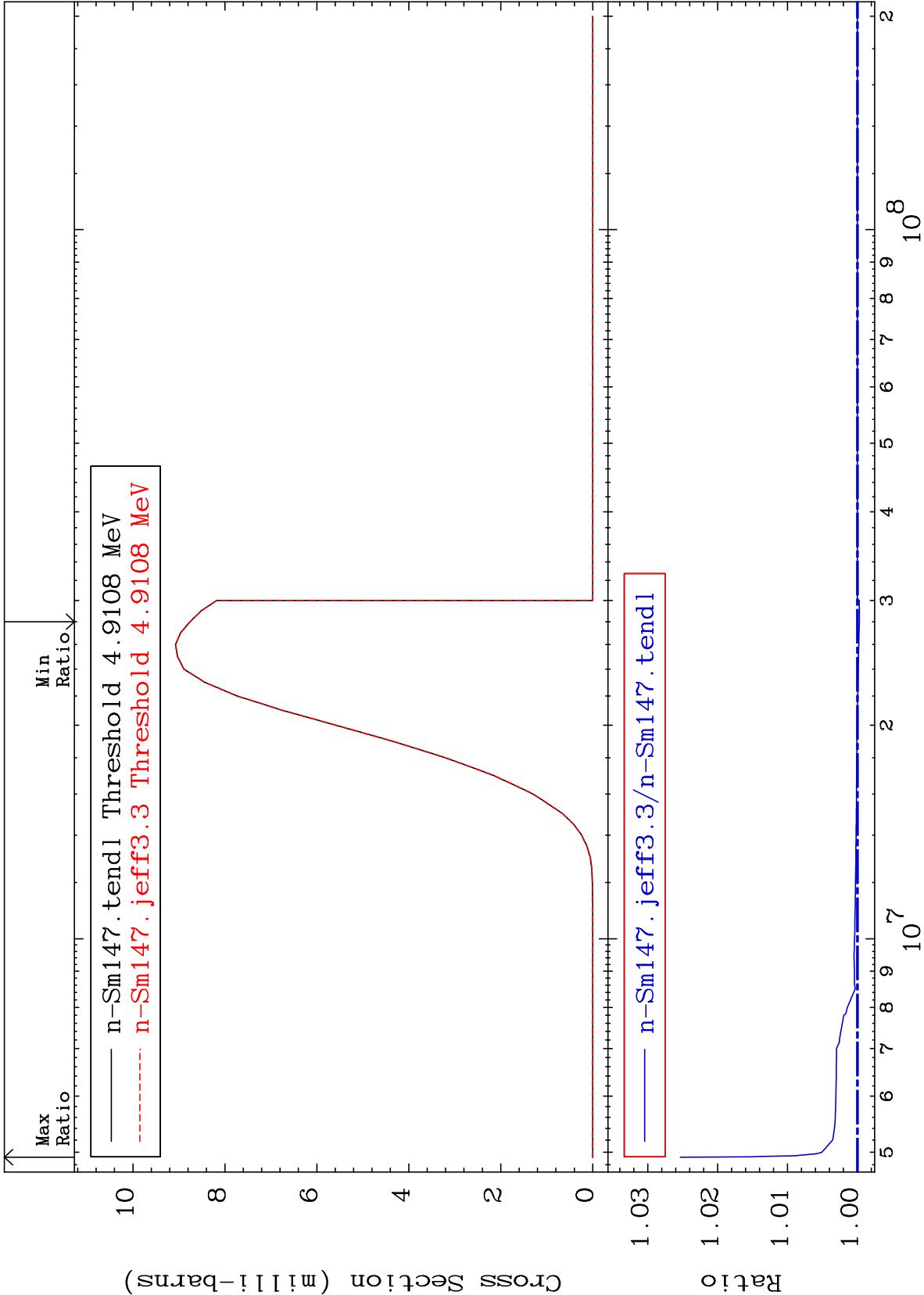


MAT 6234

62-Sm-147

(n,t)
Cross Section

-0.029 To 2.533 %



MAT 6234

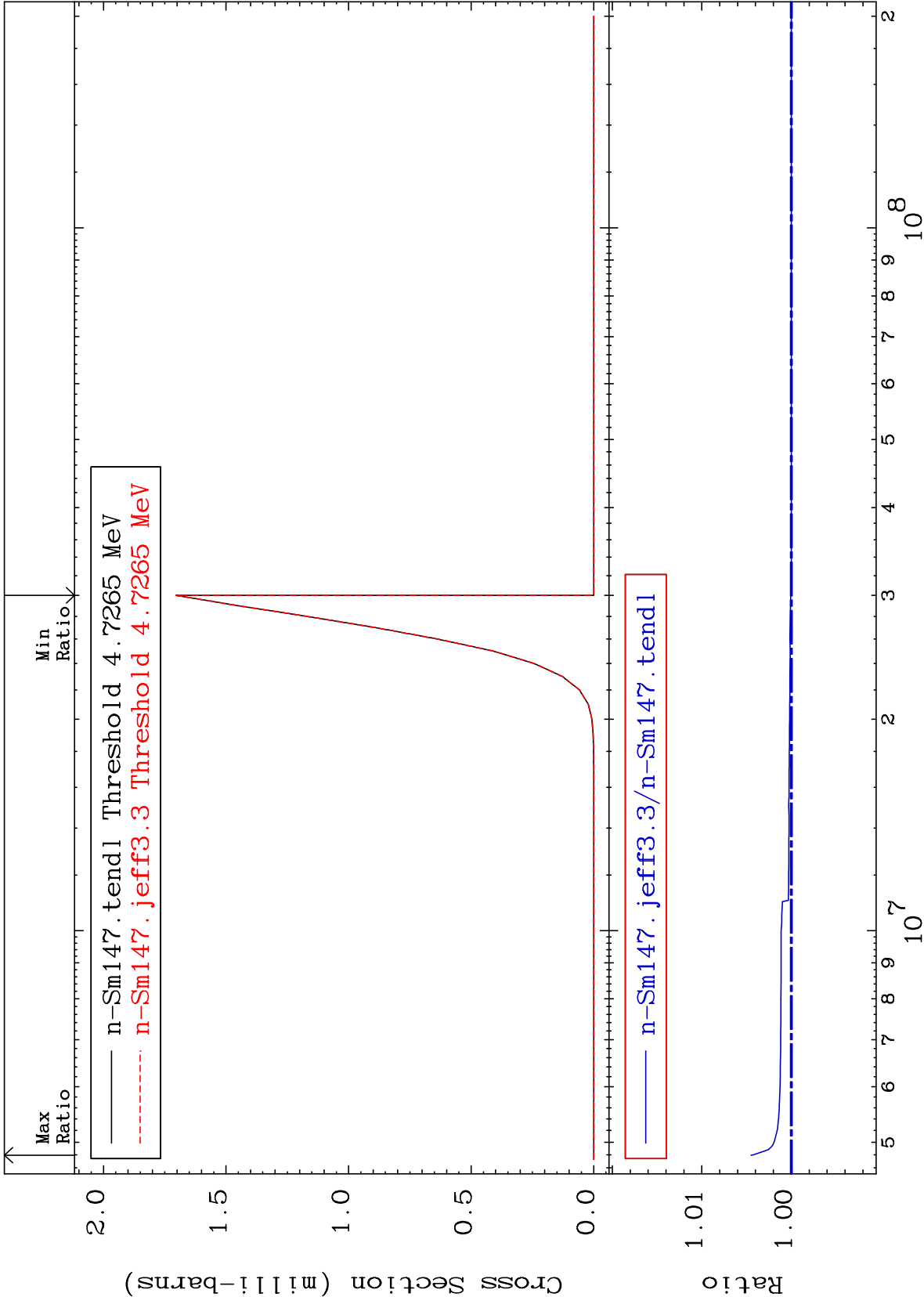
(n,He-3)

62-Sm-147

Cross Section

0.000

To 0.449 %

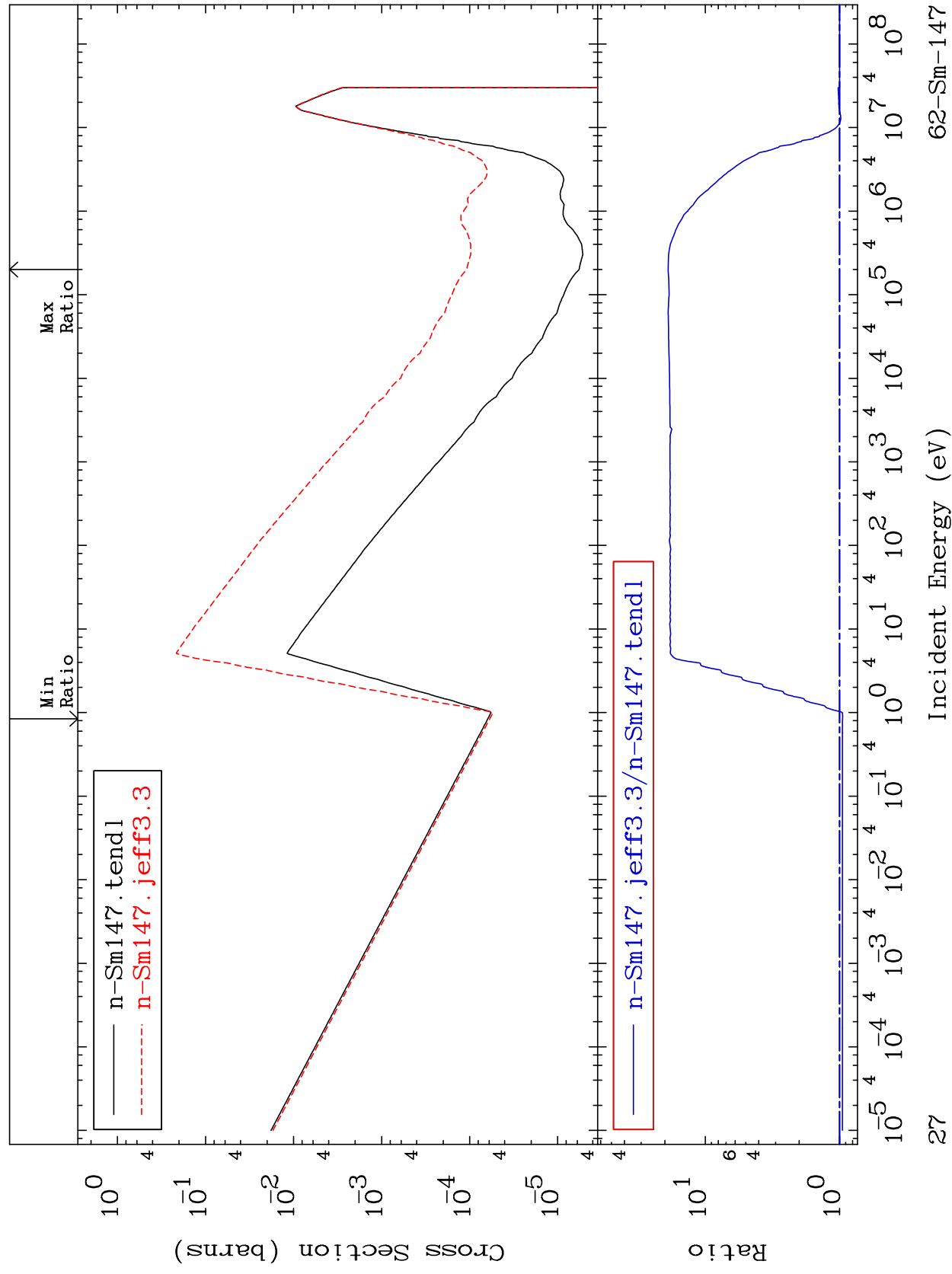


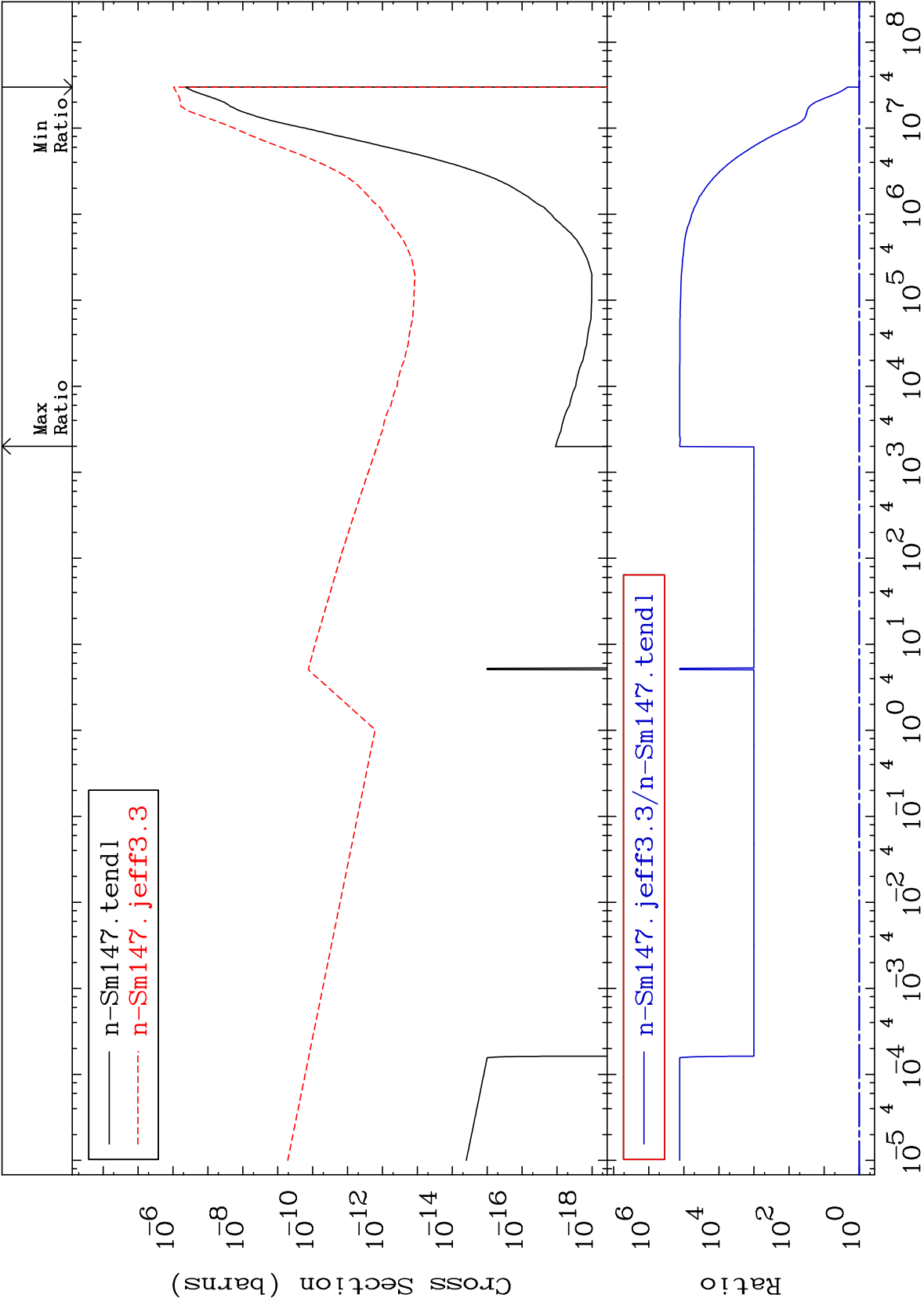
26

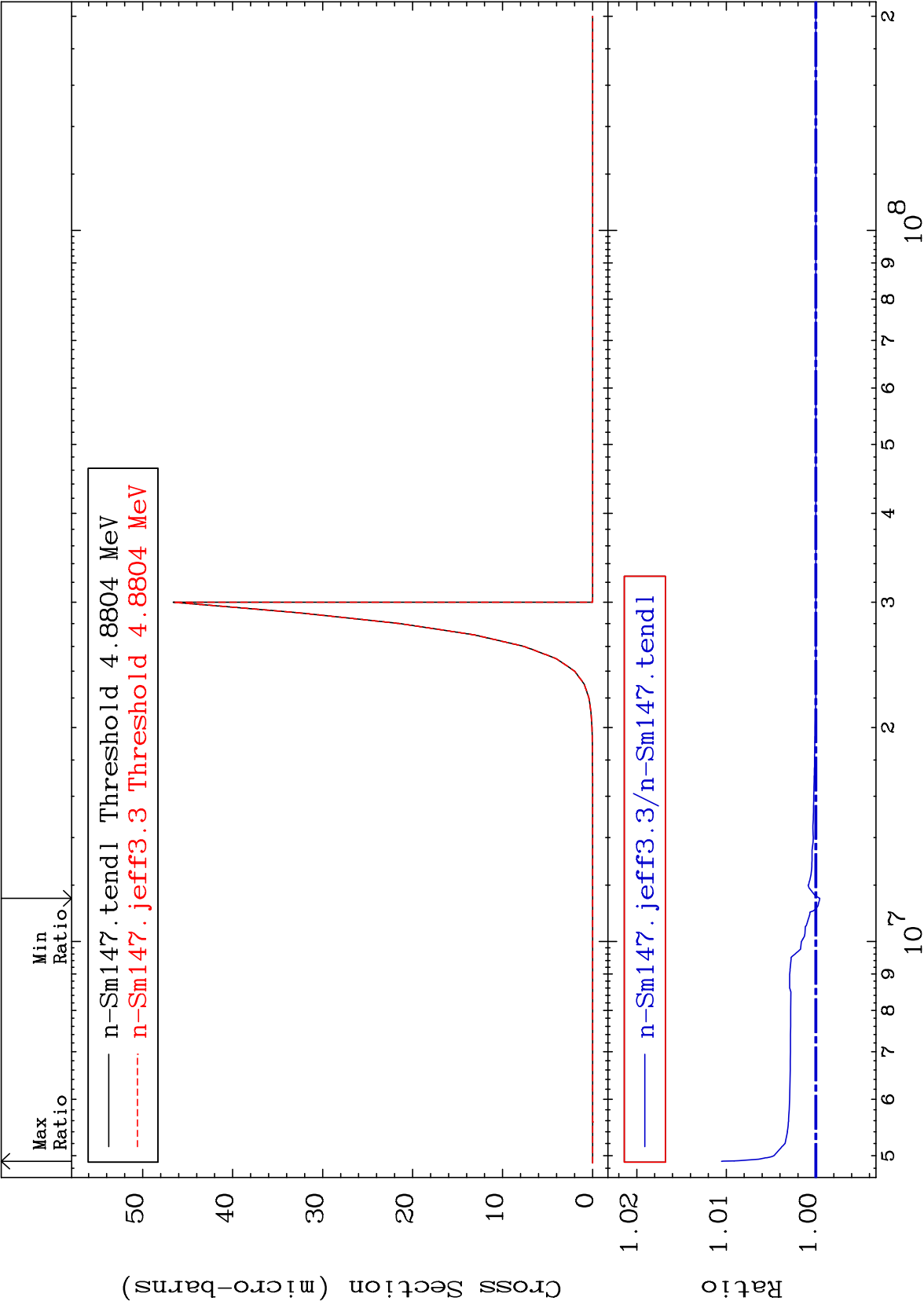
Incident Energy (eV)

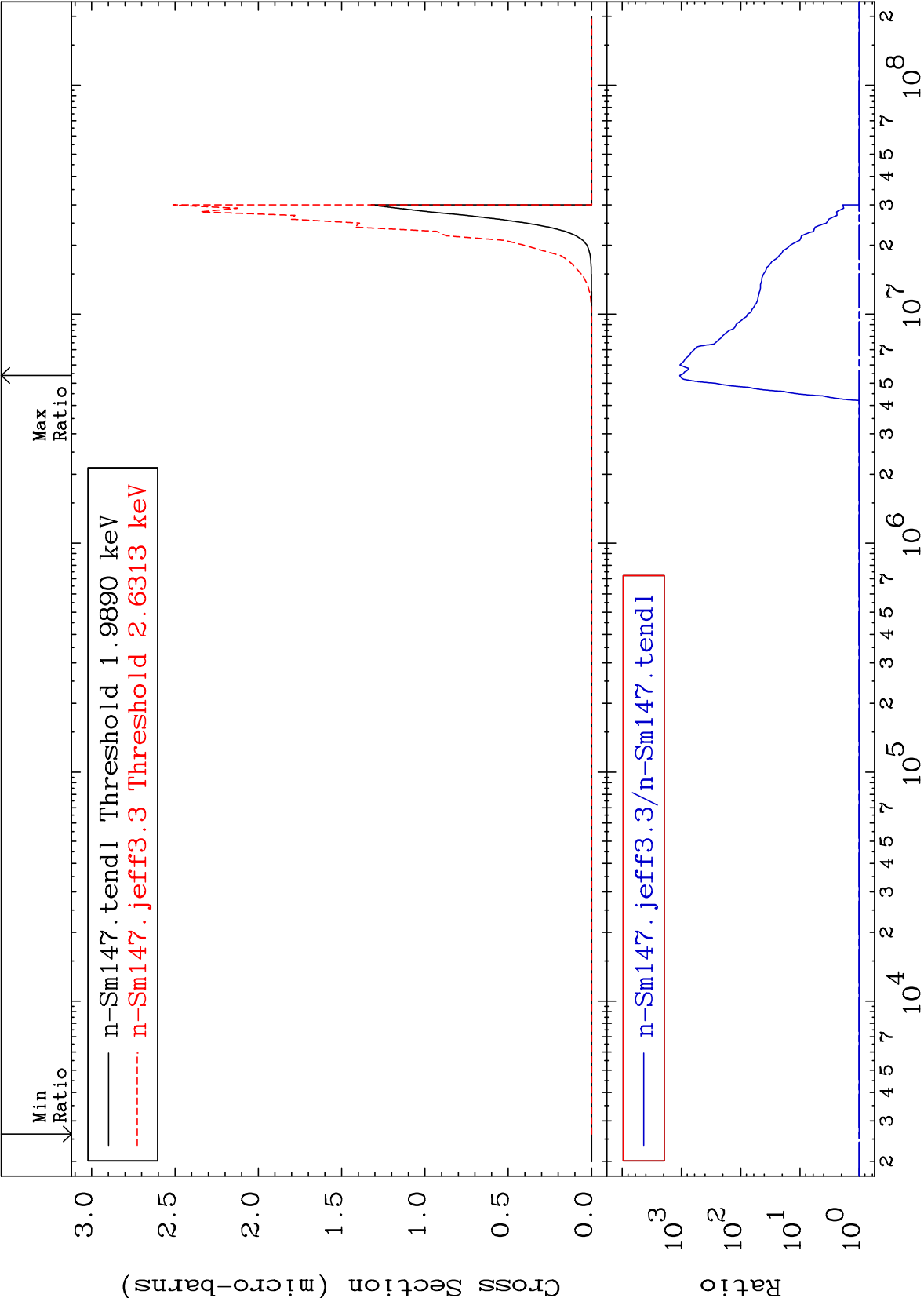
62-Sm-147

(n, α)
Cross Section
62-Sm-147
-5.098 To 1789. %









MAT 6234

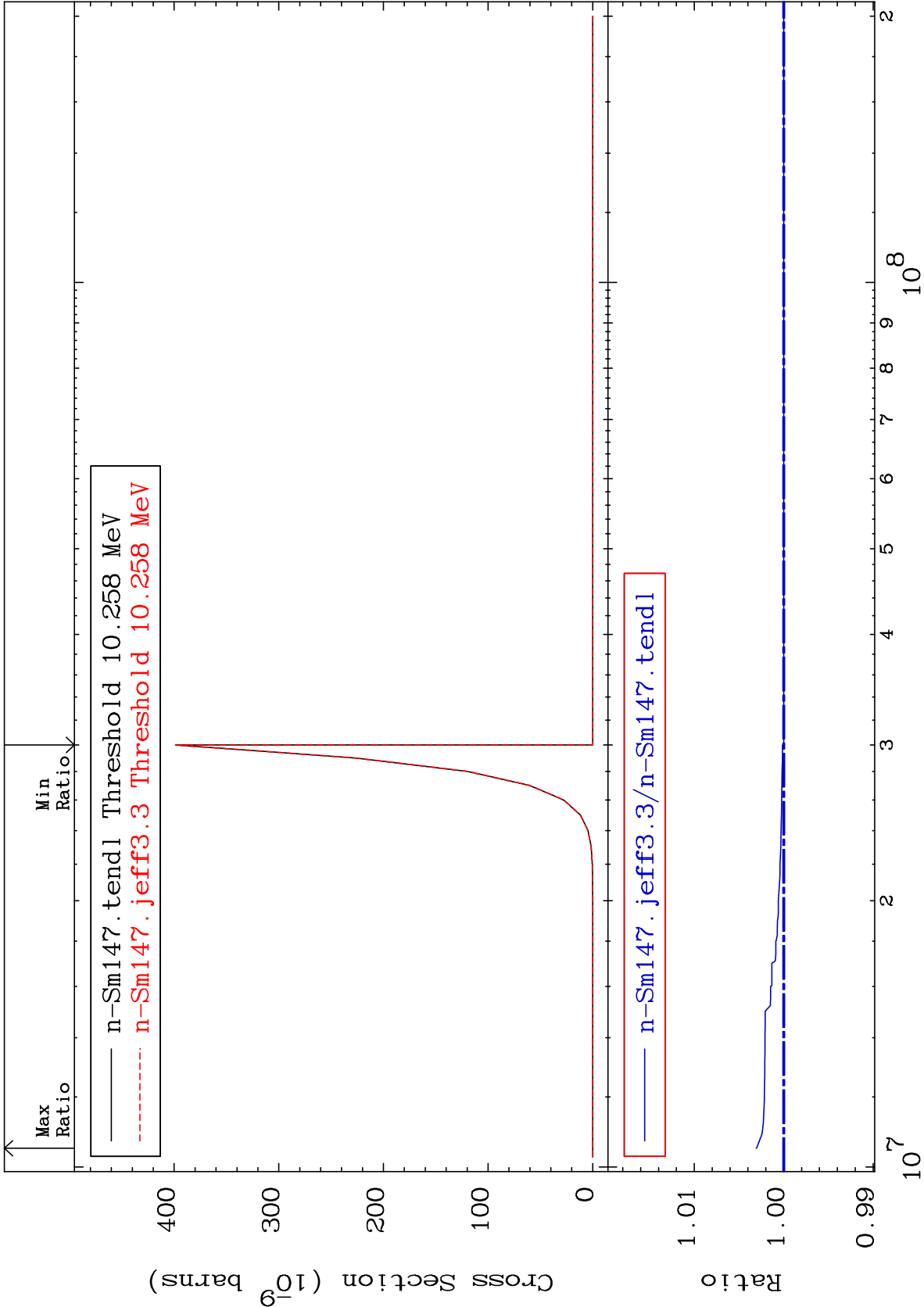
(n,p) d

62-Sm-147

Cross Section

0.000

To 0.310 %



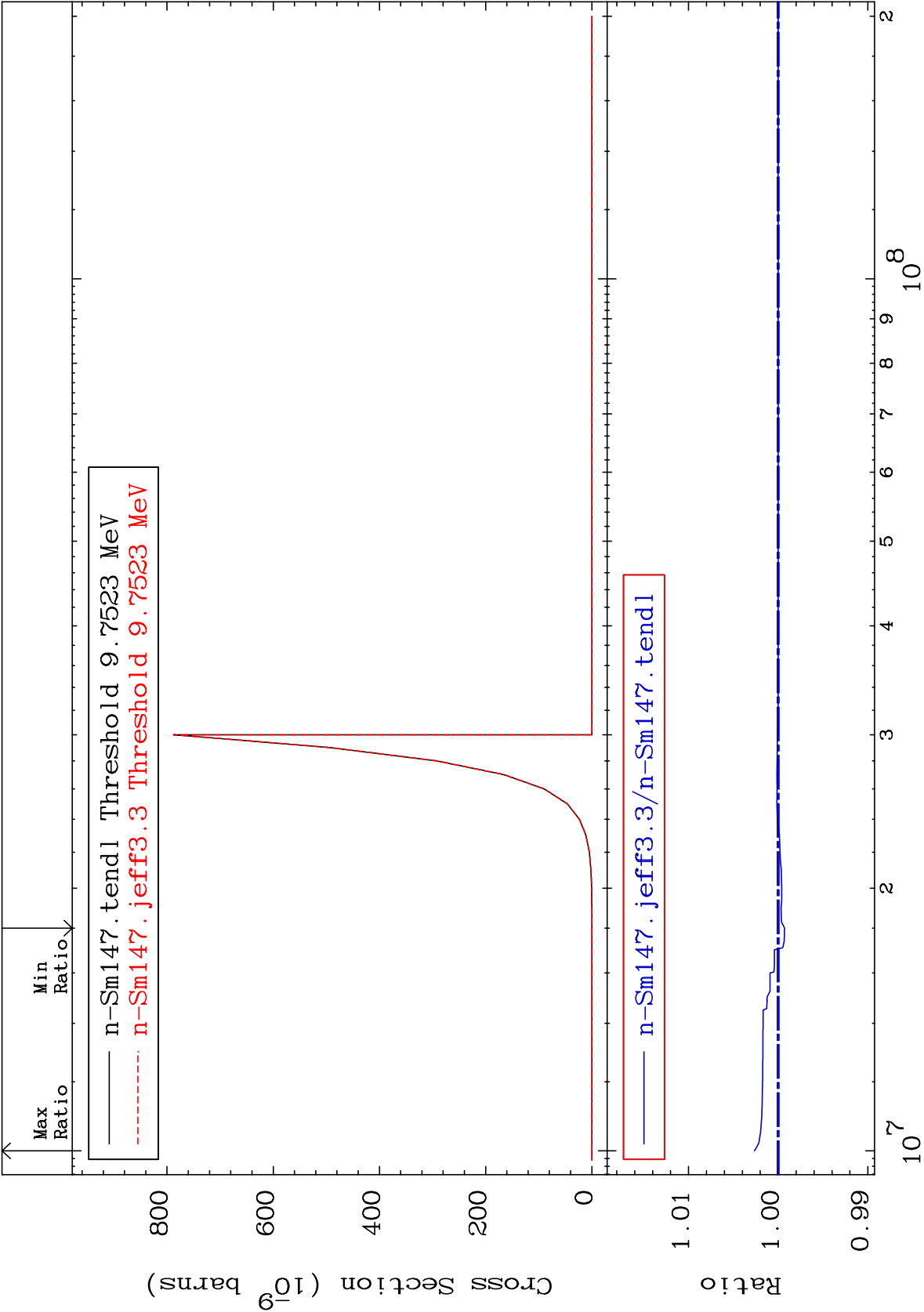
Incident Energy (eV)

62-Sm-147

MAT 6234

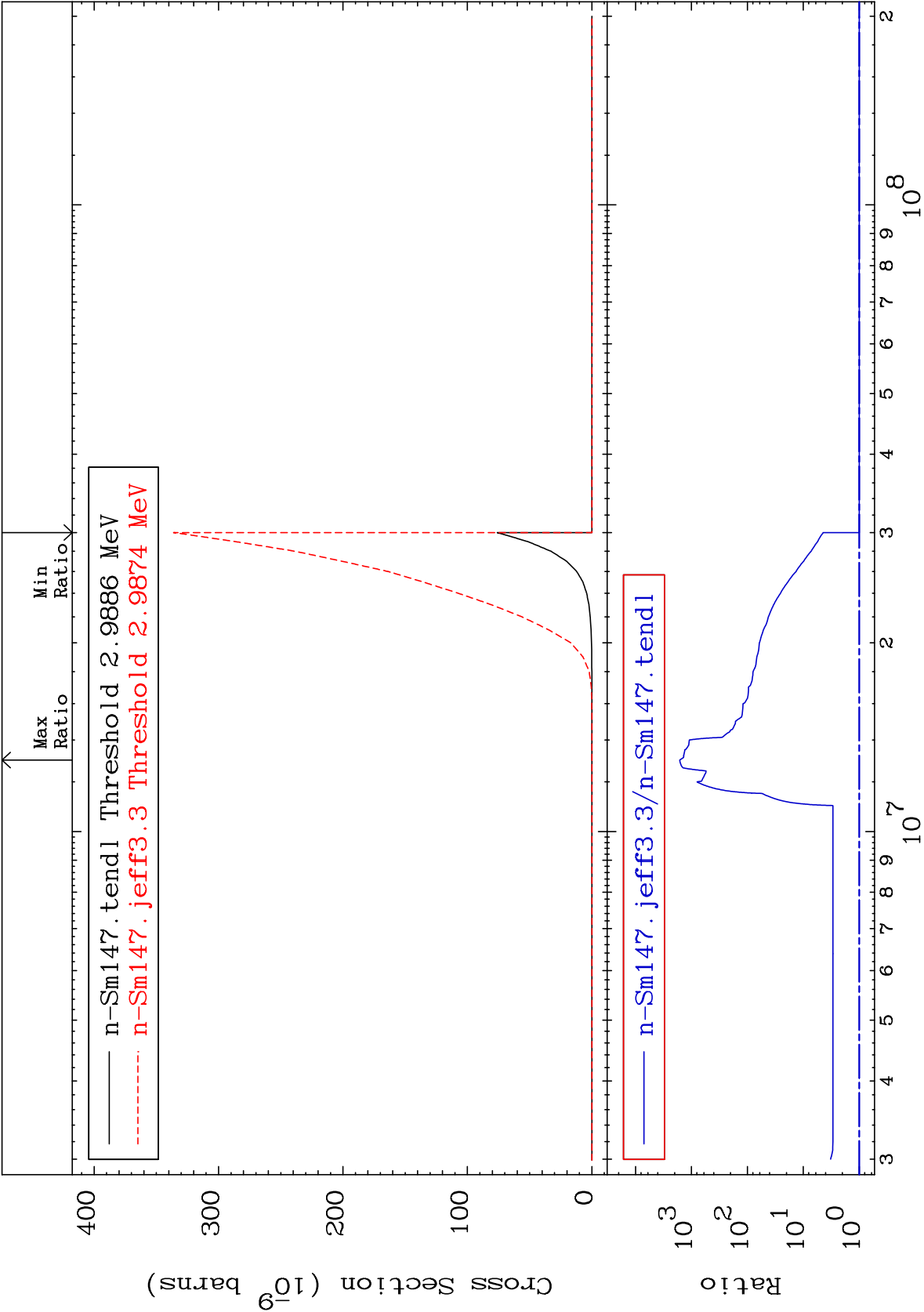
(n,p) t
Cross Section

62-Sm-147
-0.071 To 0.264 %

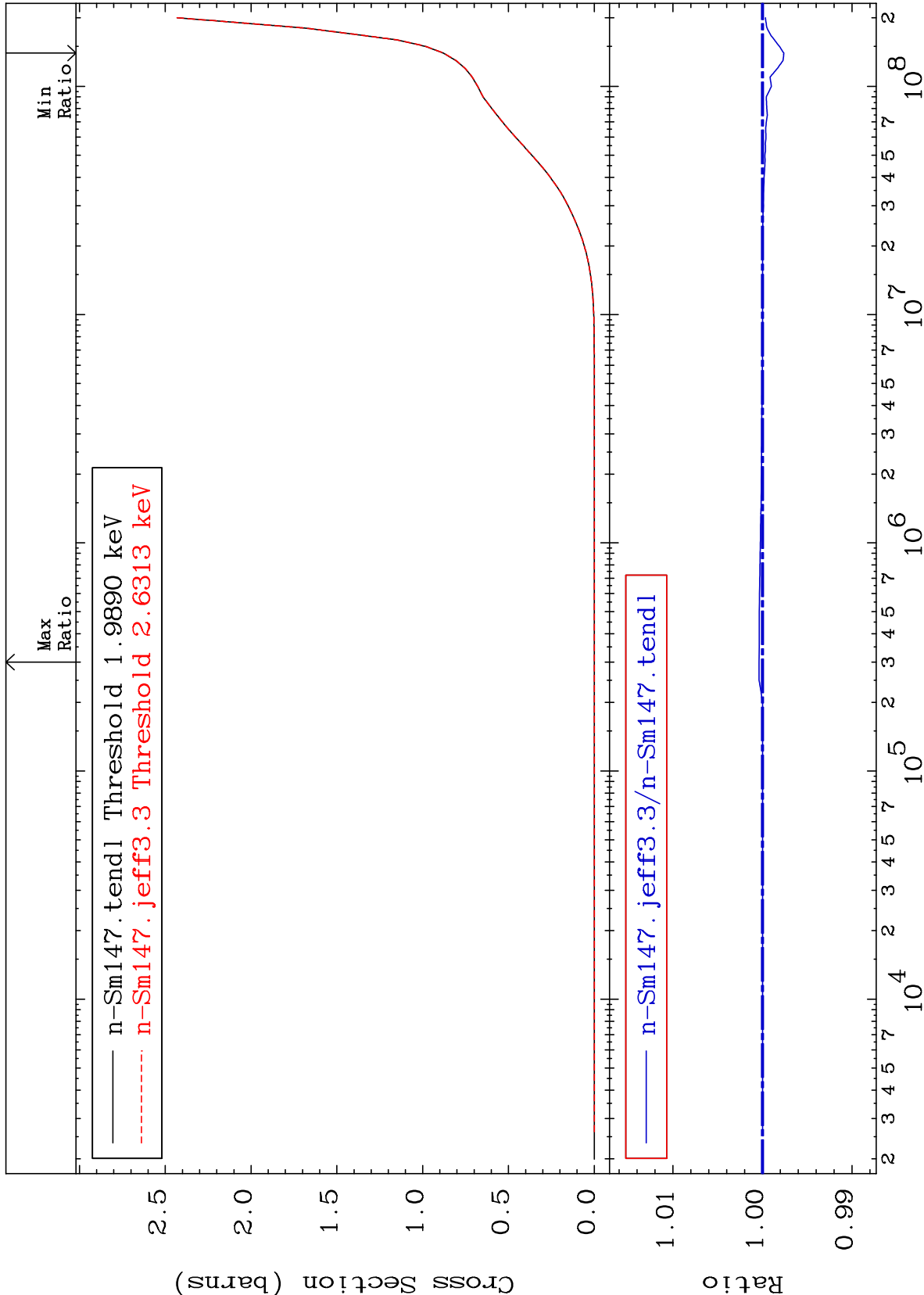


Incident Energy (eV)

62-Sm-147



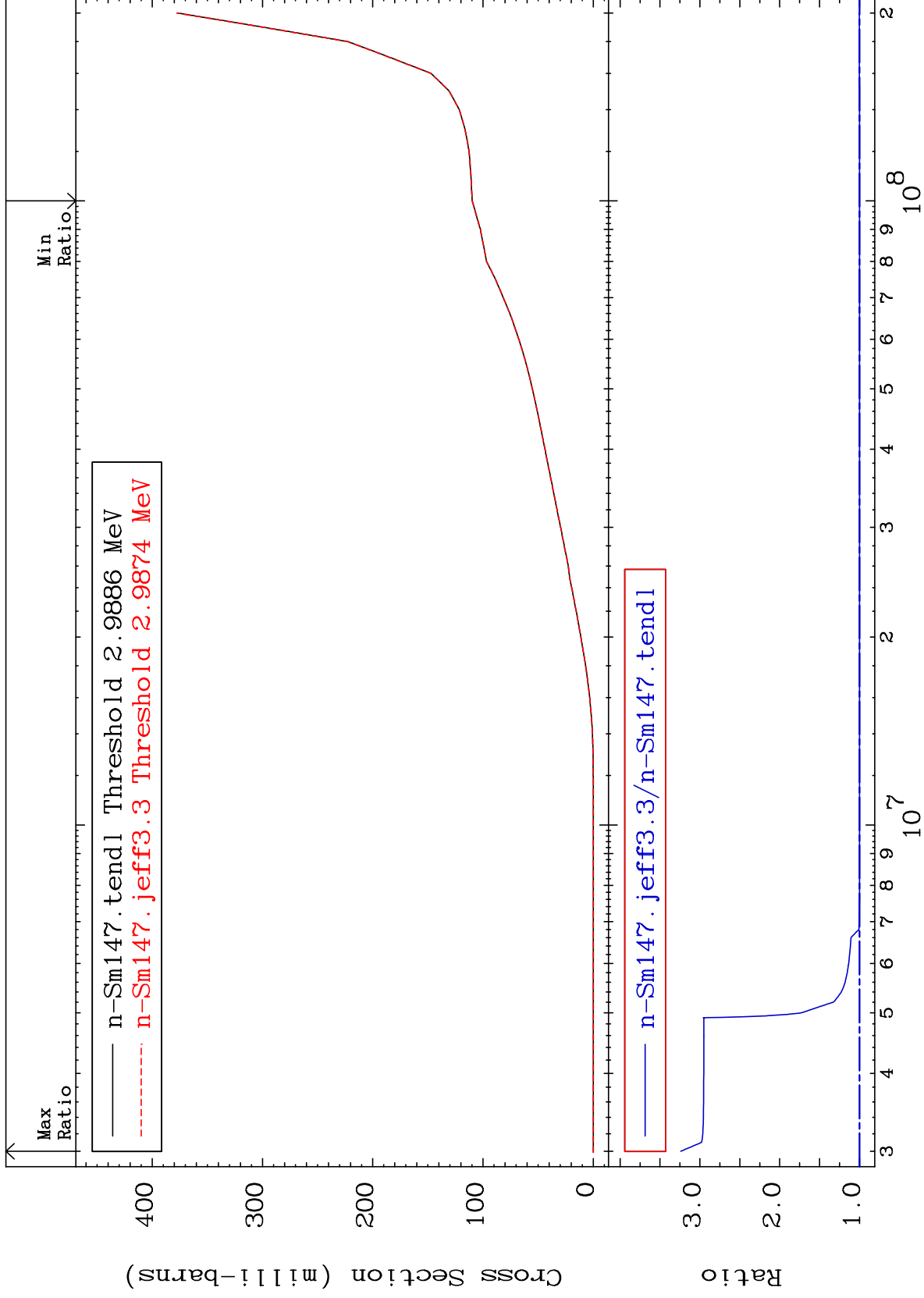
Cross Section
-0.239 To 0.038 %



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Deuterium Production
Cross Section

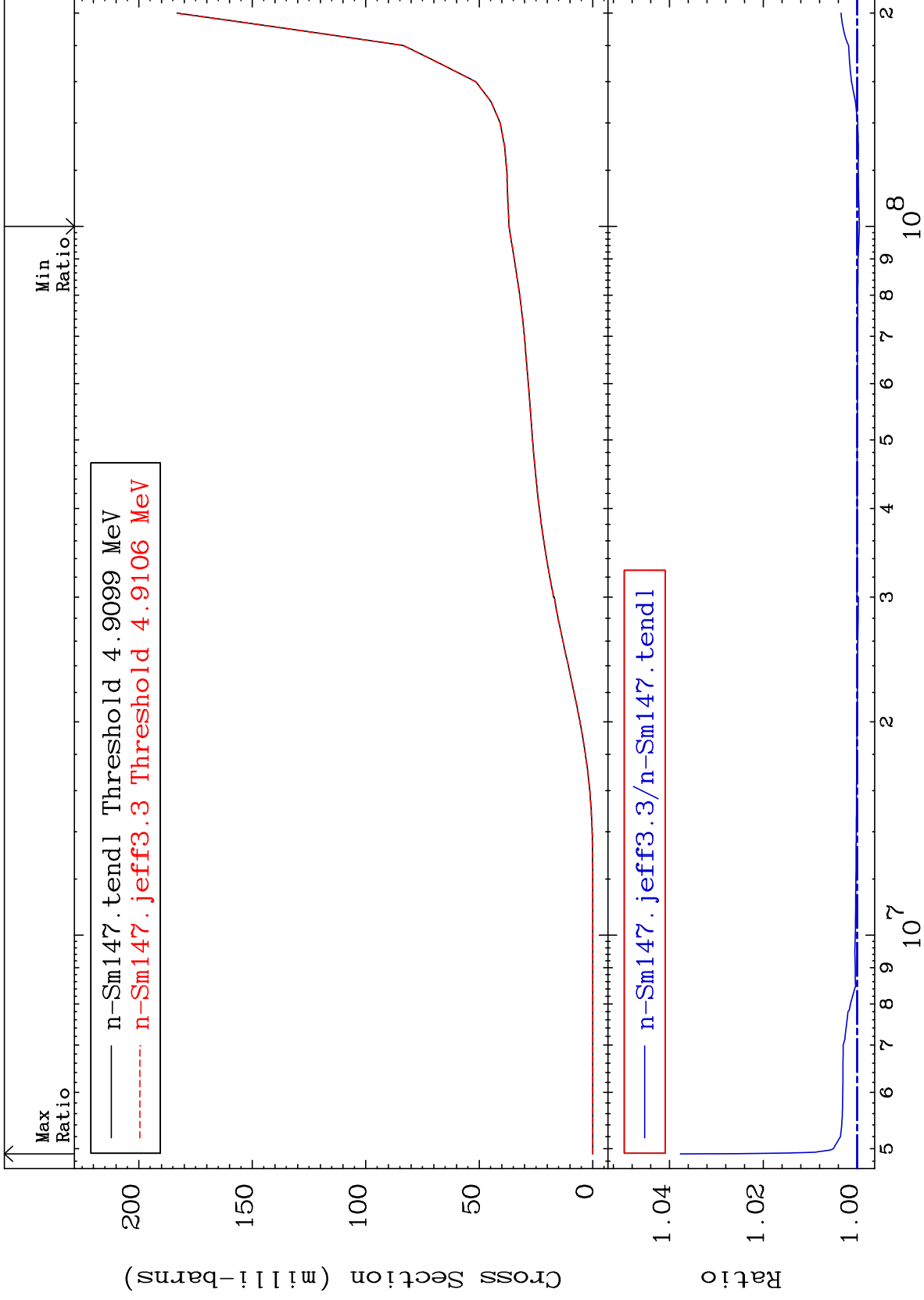
62-Sm-147
-0.057 To 224.0 %



MAT 6234

Tritium Production
Cross Section

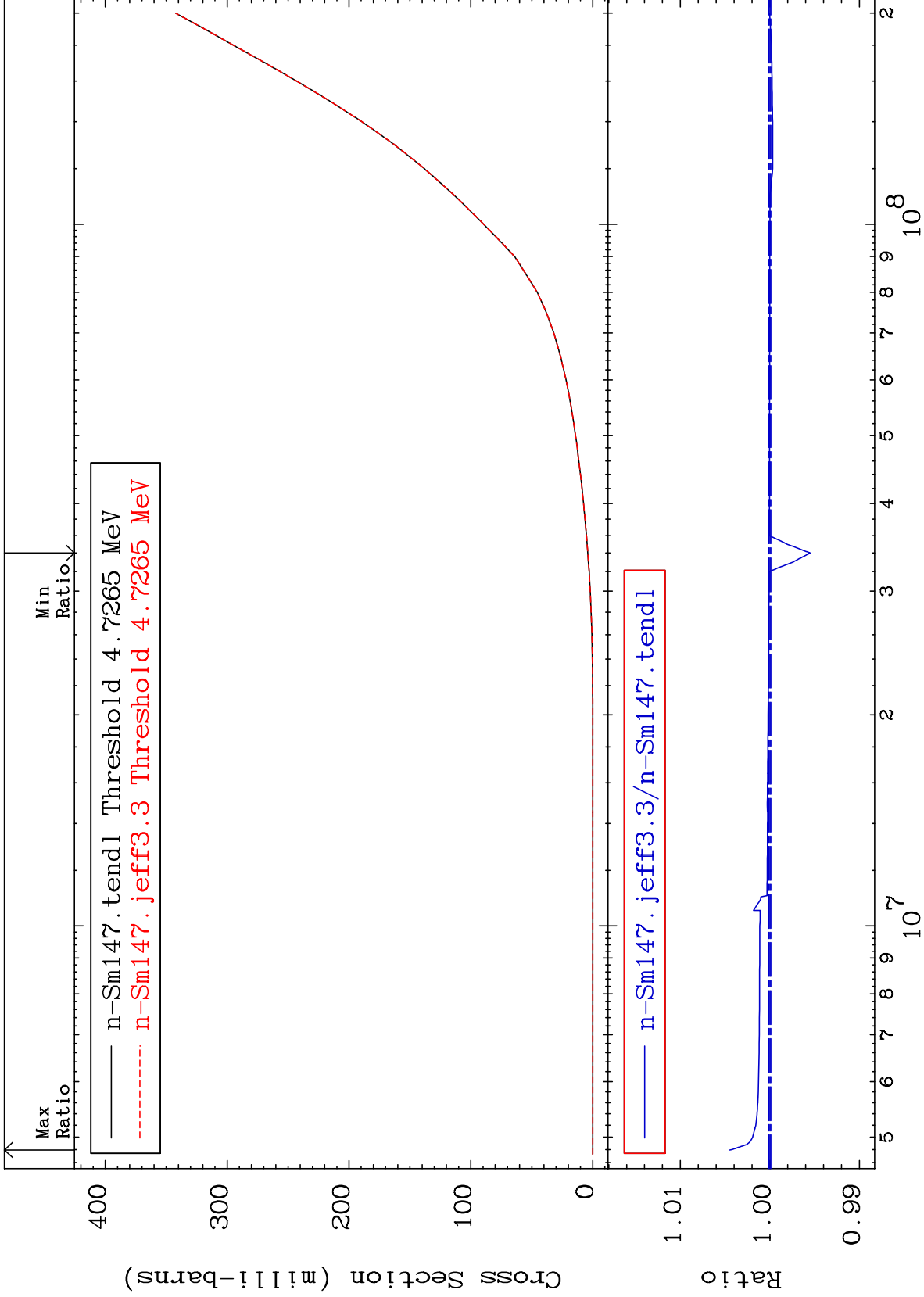
62-Sm-147
-0.048 To 3.770 %

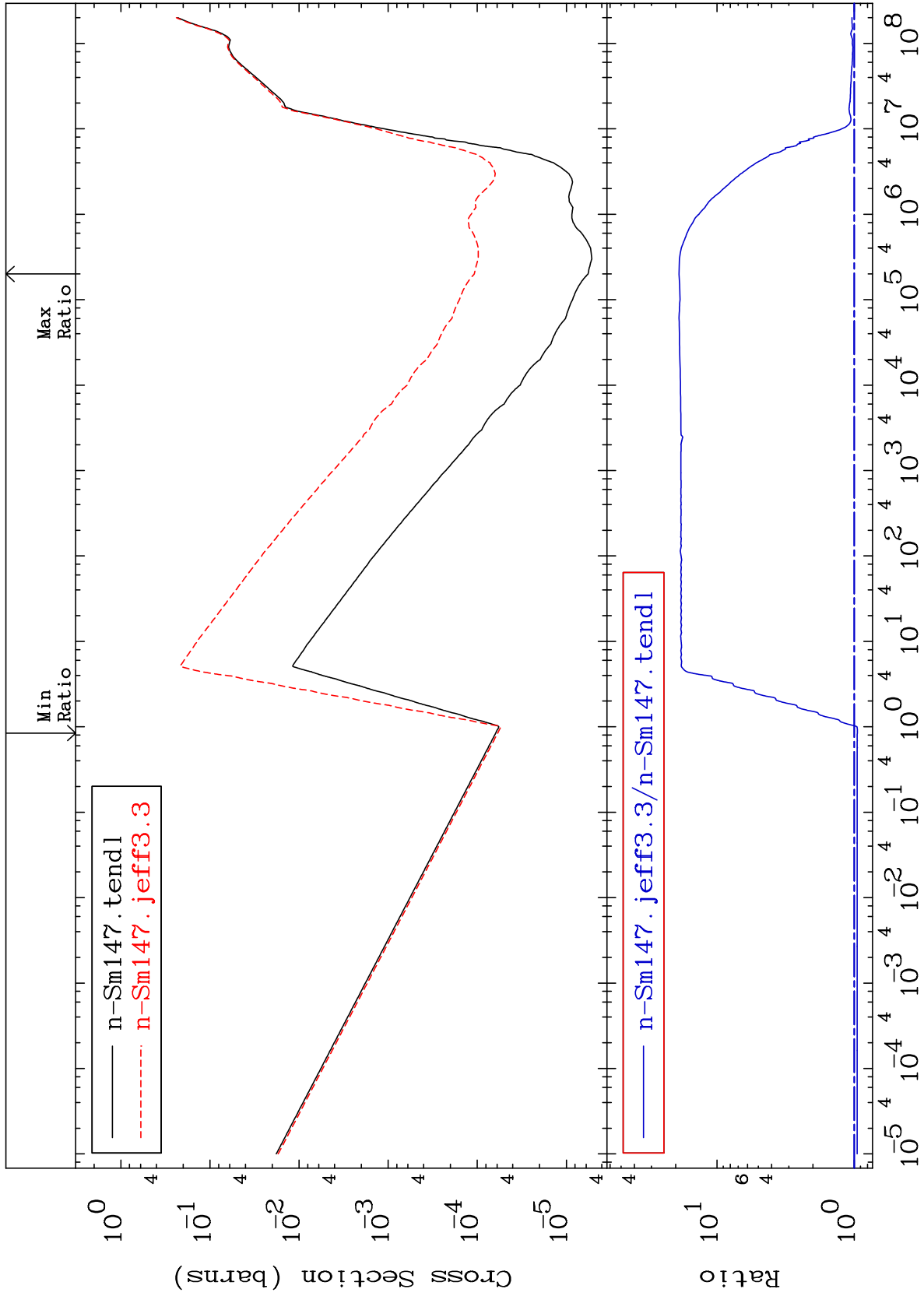


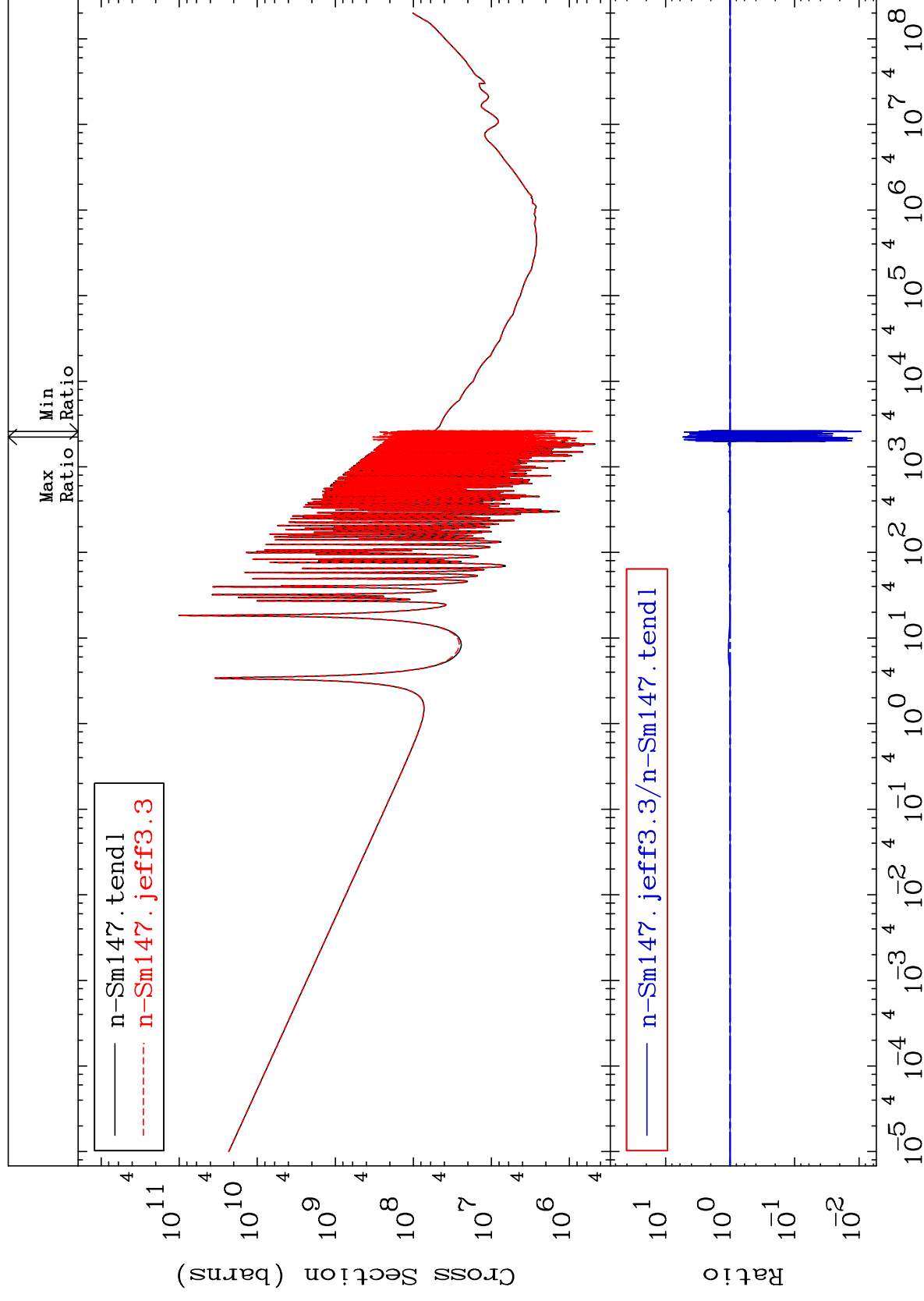
MAT 6234

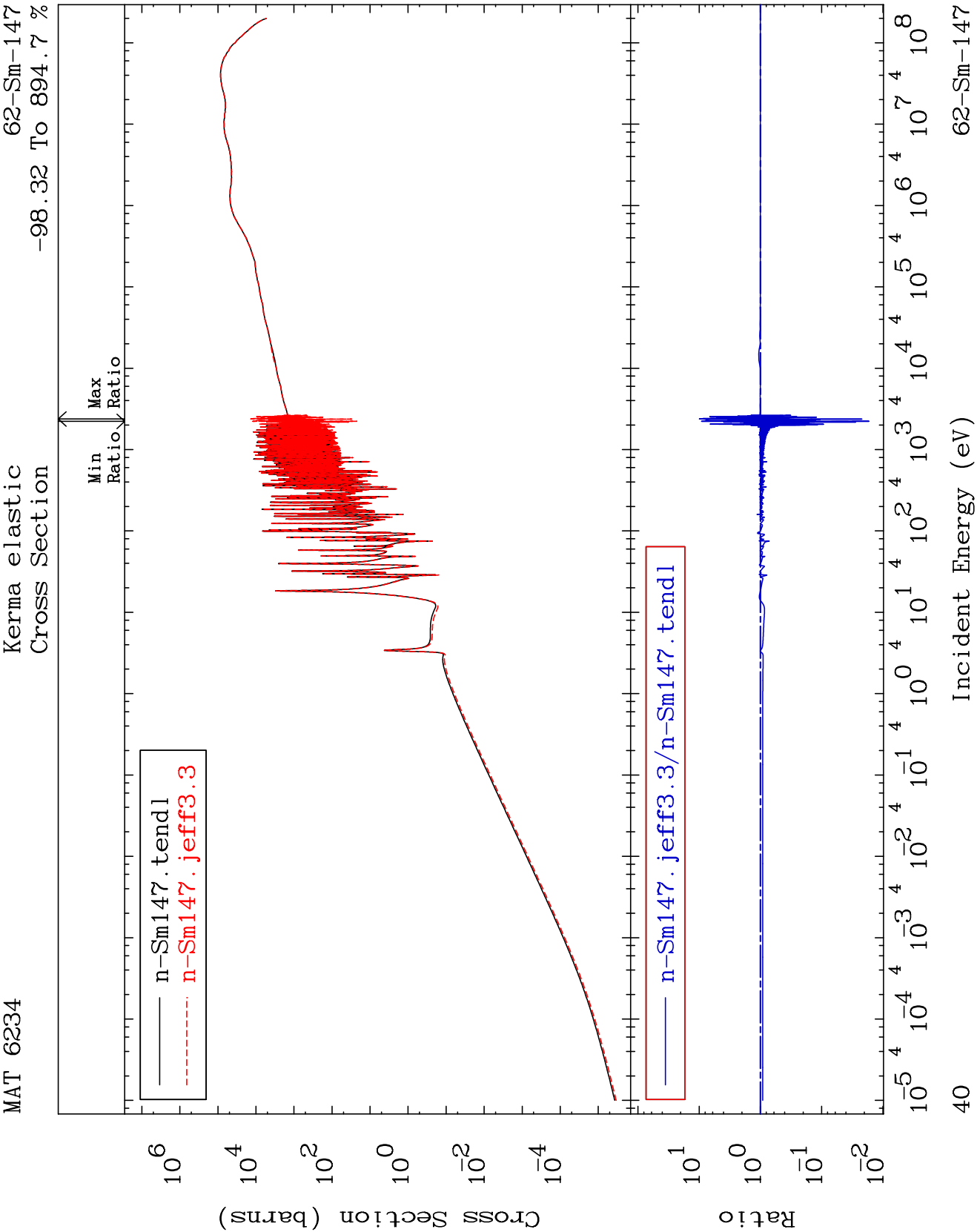
He-3 Production
Cross Section

62-Sm-147
-0.449 To 0.449 %



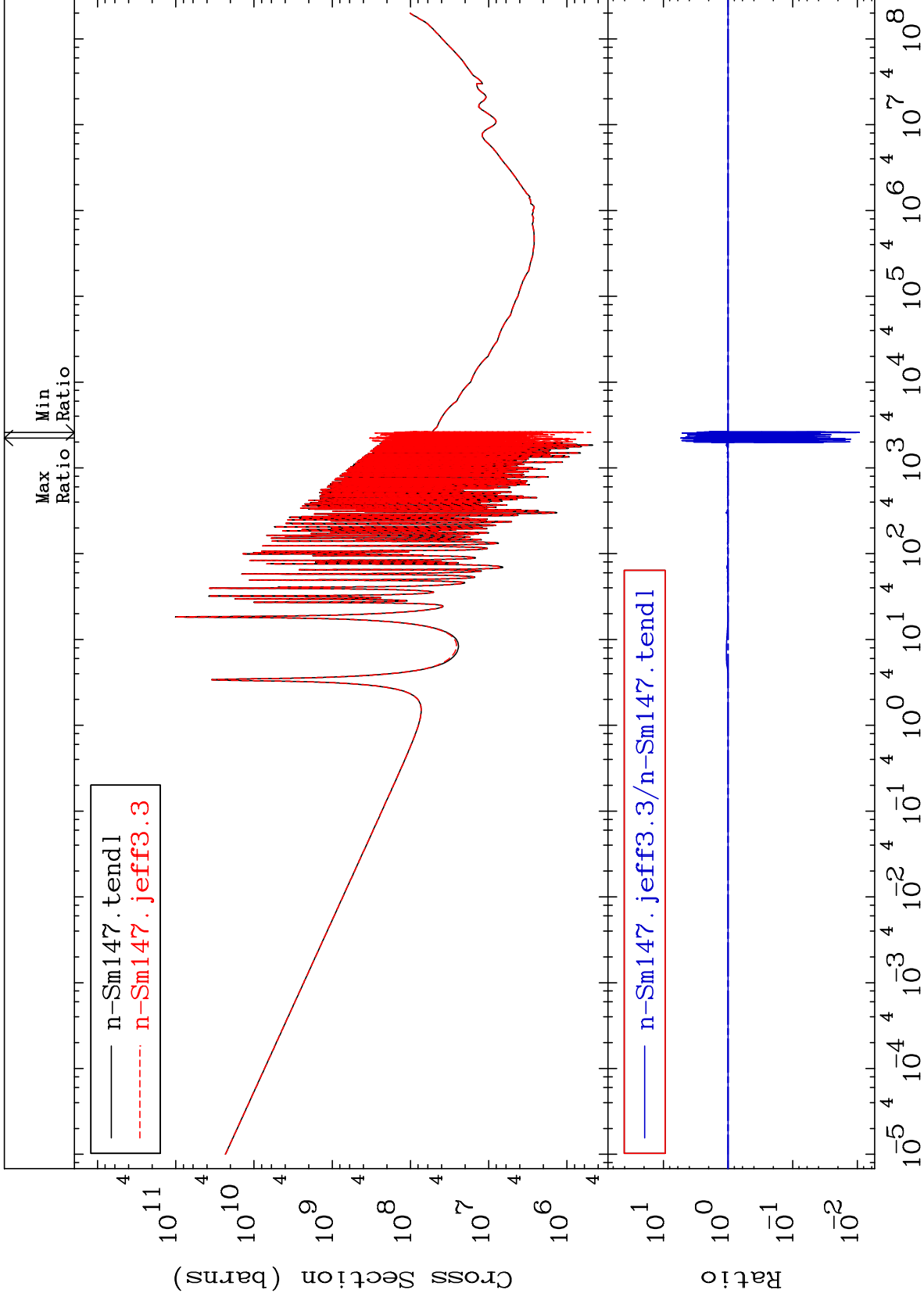






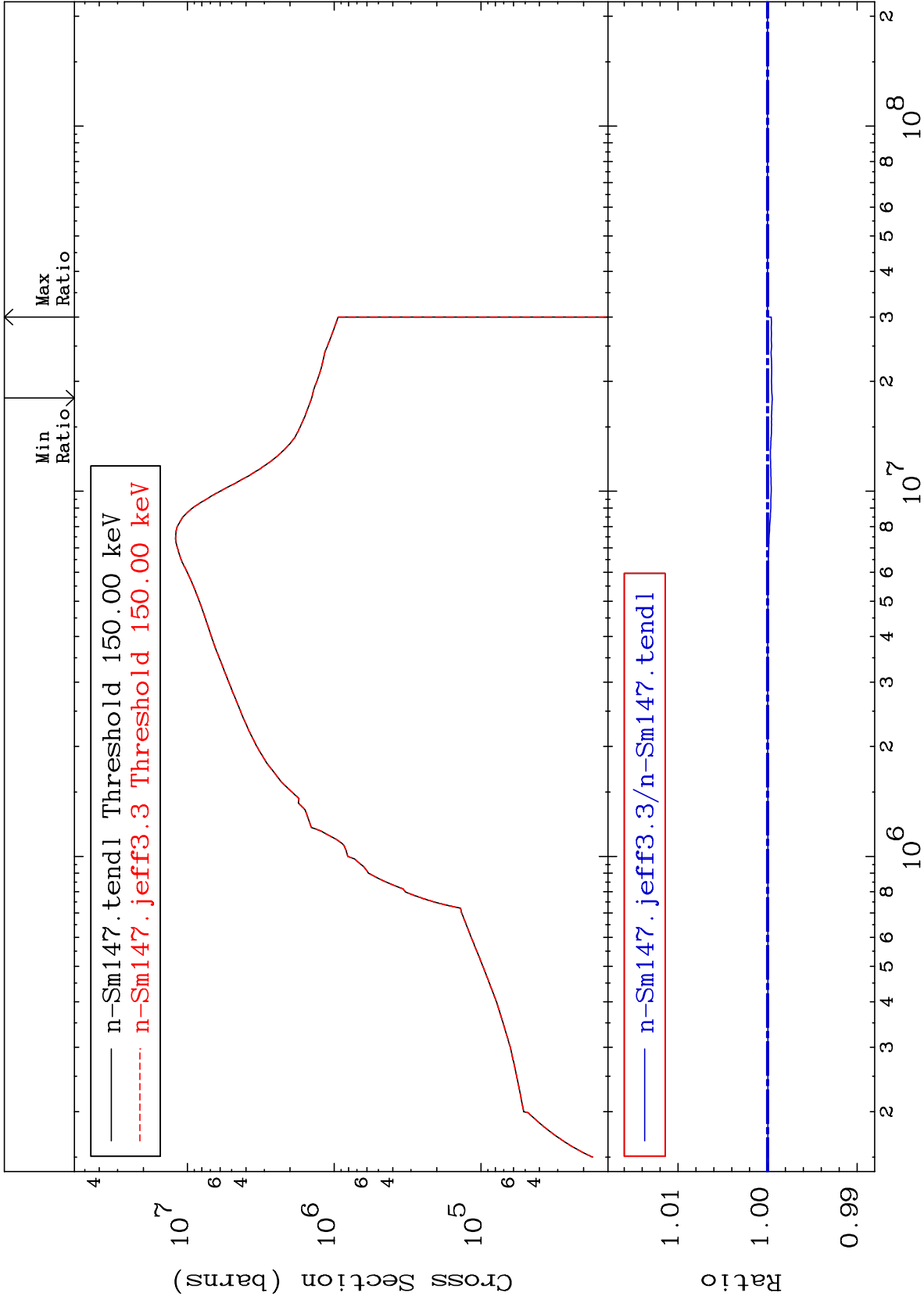
Cross Section

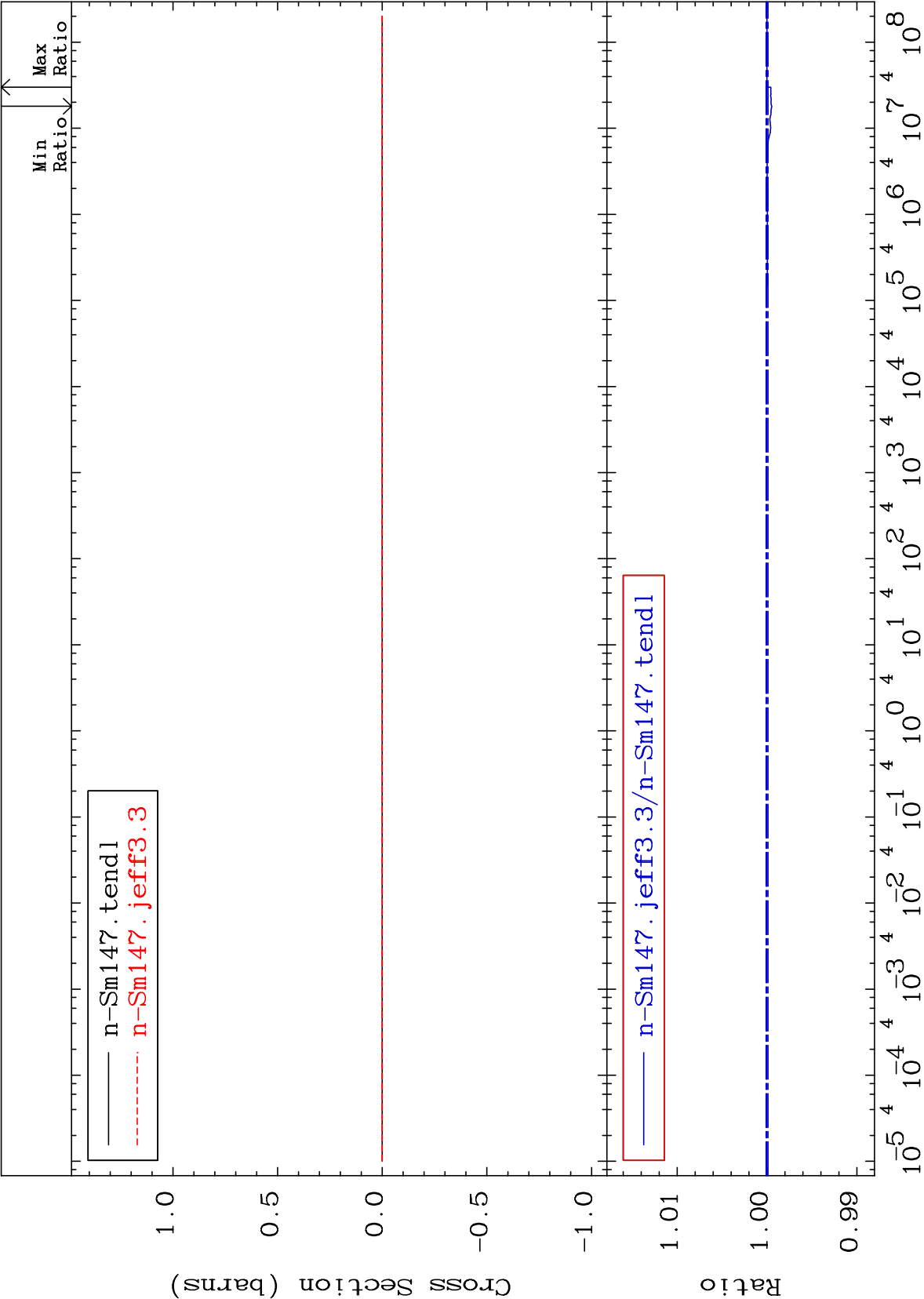
-99.07 To 448.3 %



Cross Section

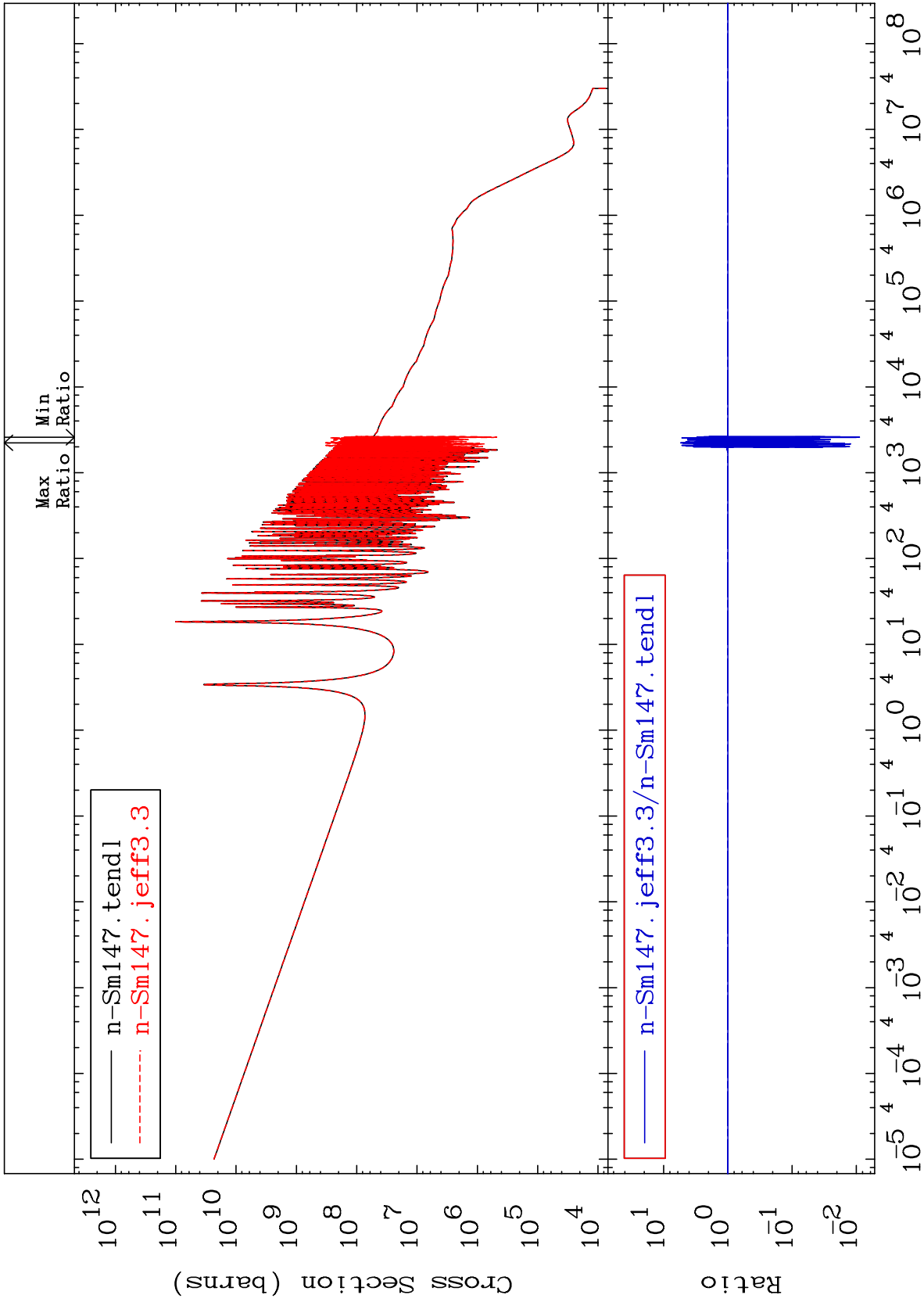
-0.052 To 0.000 %

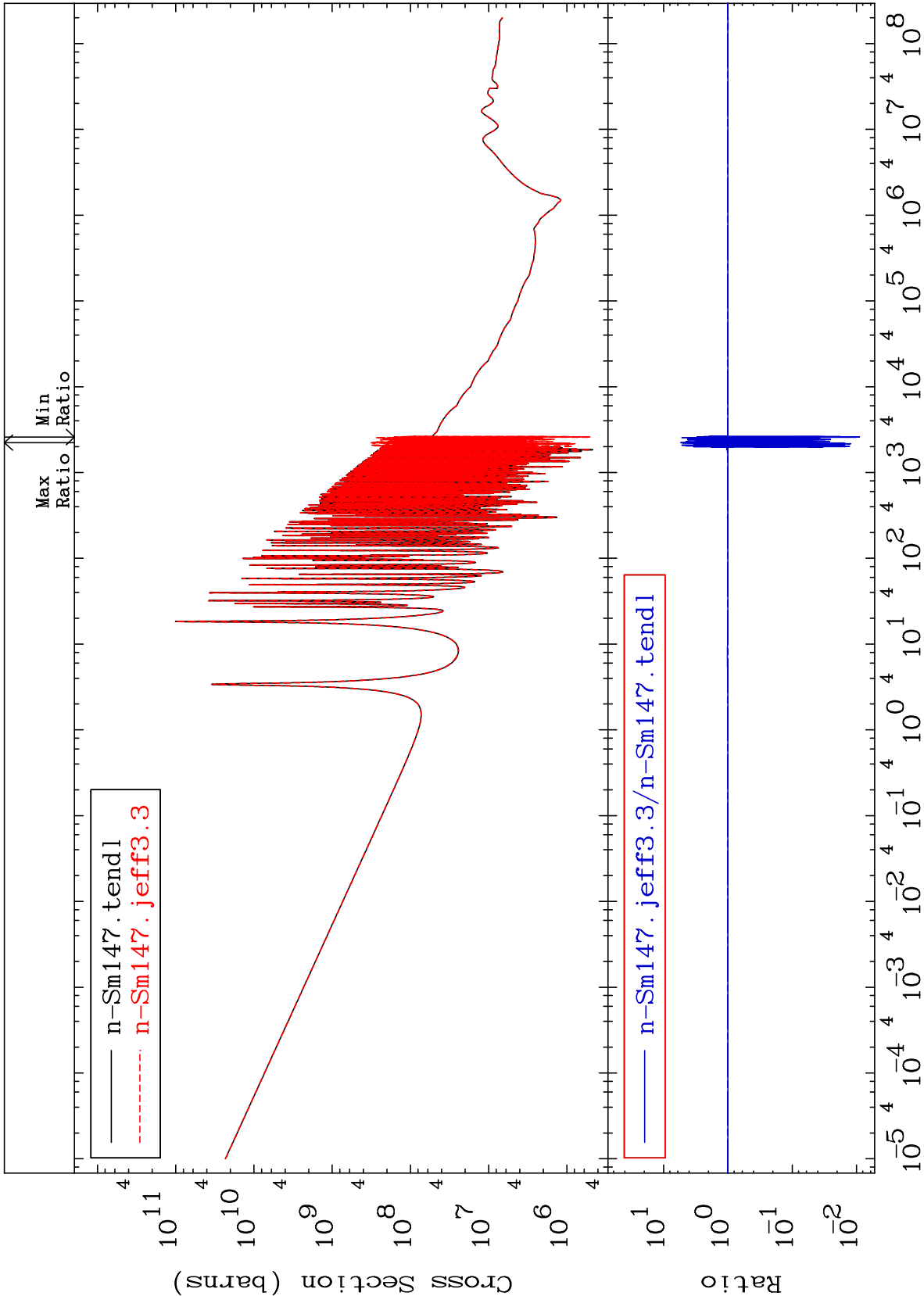




Cross Section

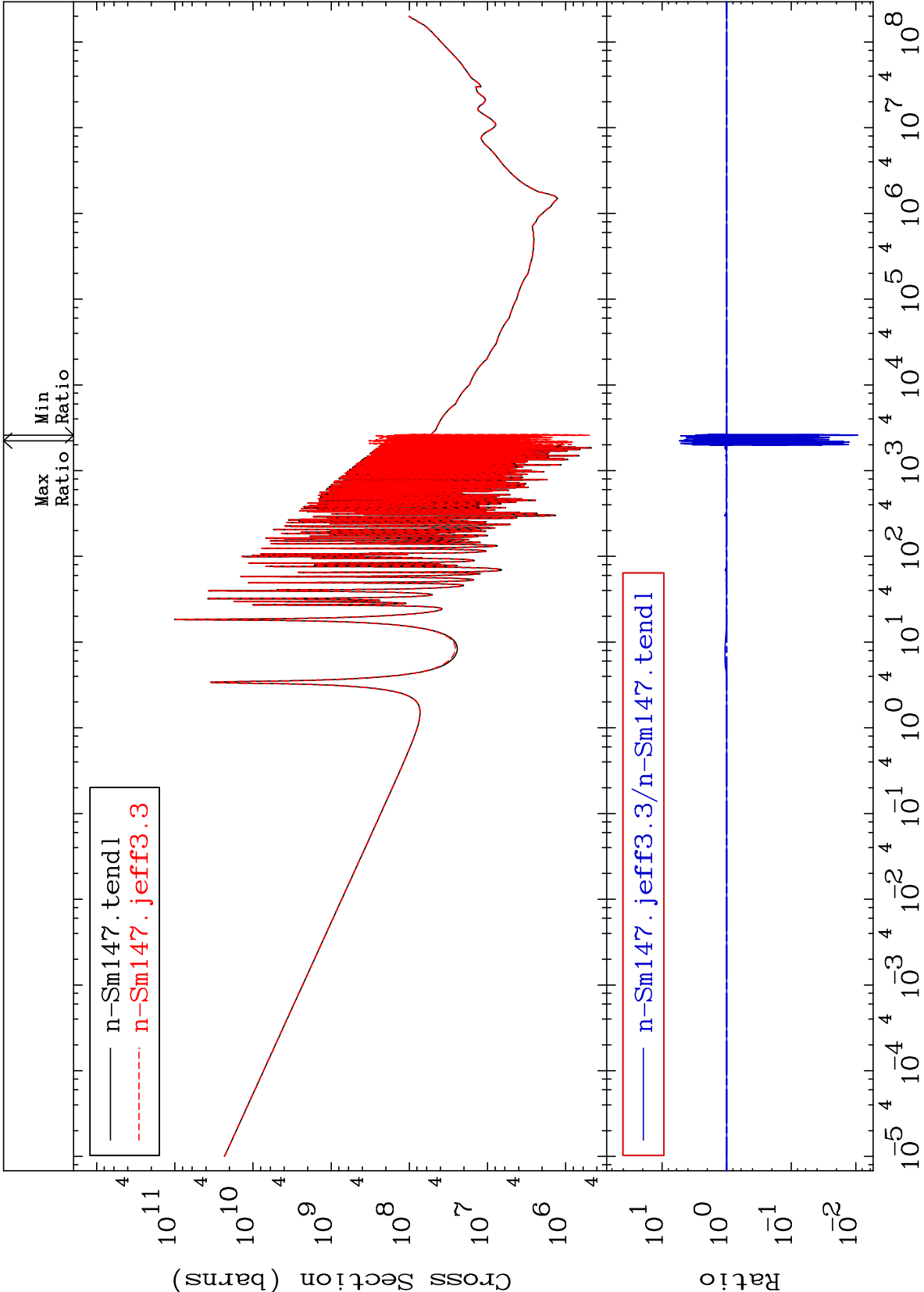
-99.11 To 448.3 %

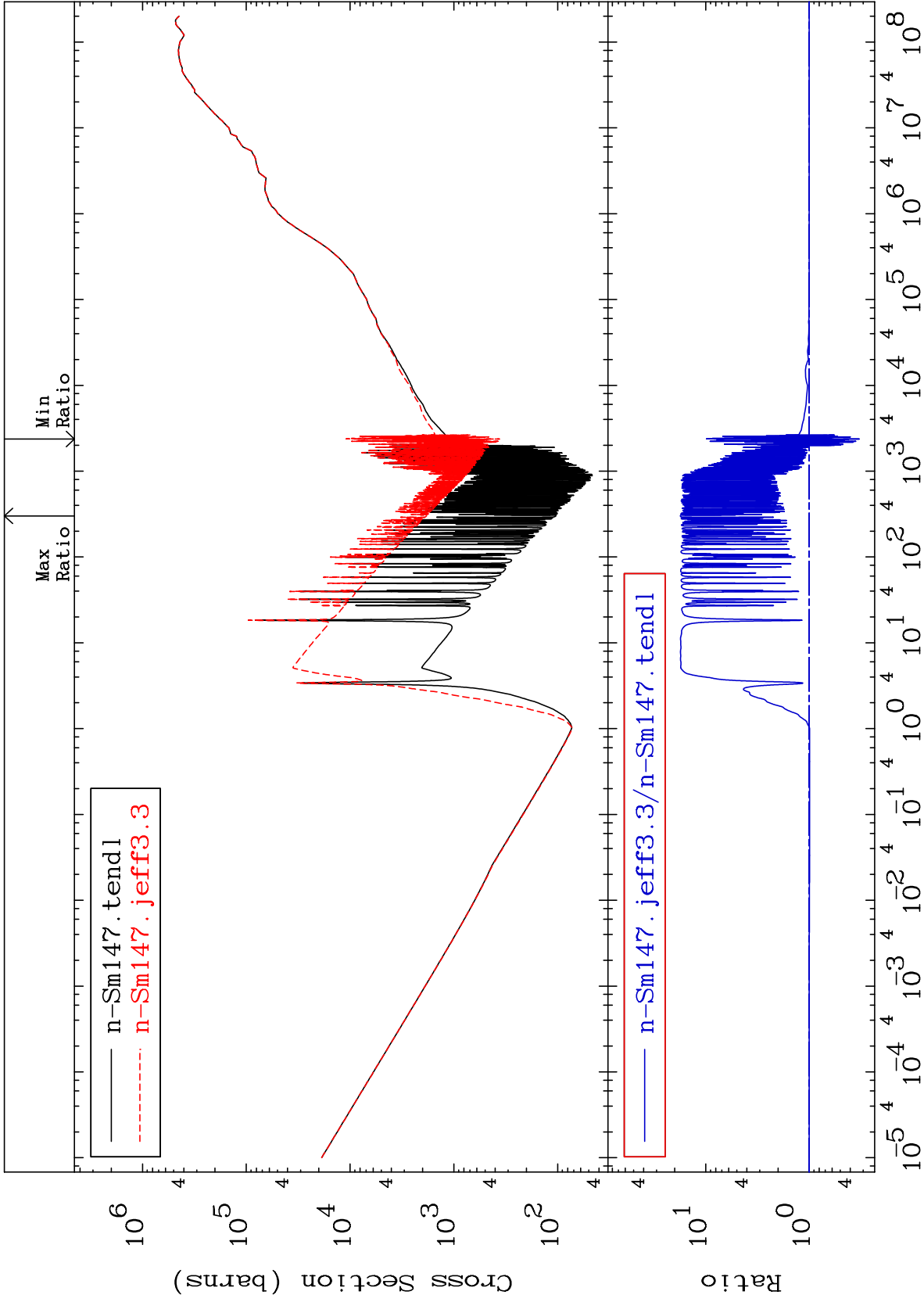




Cross Section

-99.07 To 448.3 %

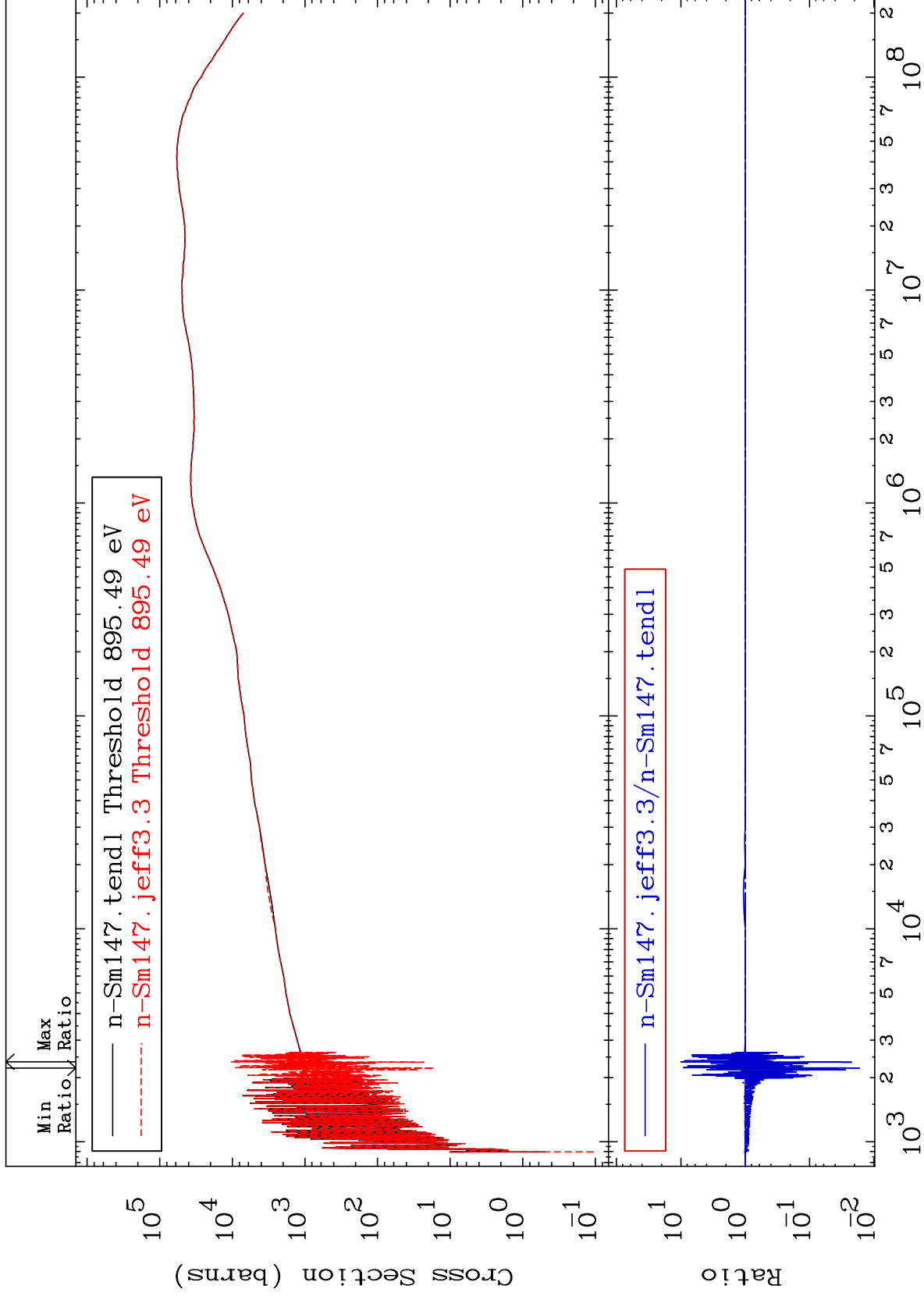




MAT 6234

Dpa elastic (mt2)
Cross Section

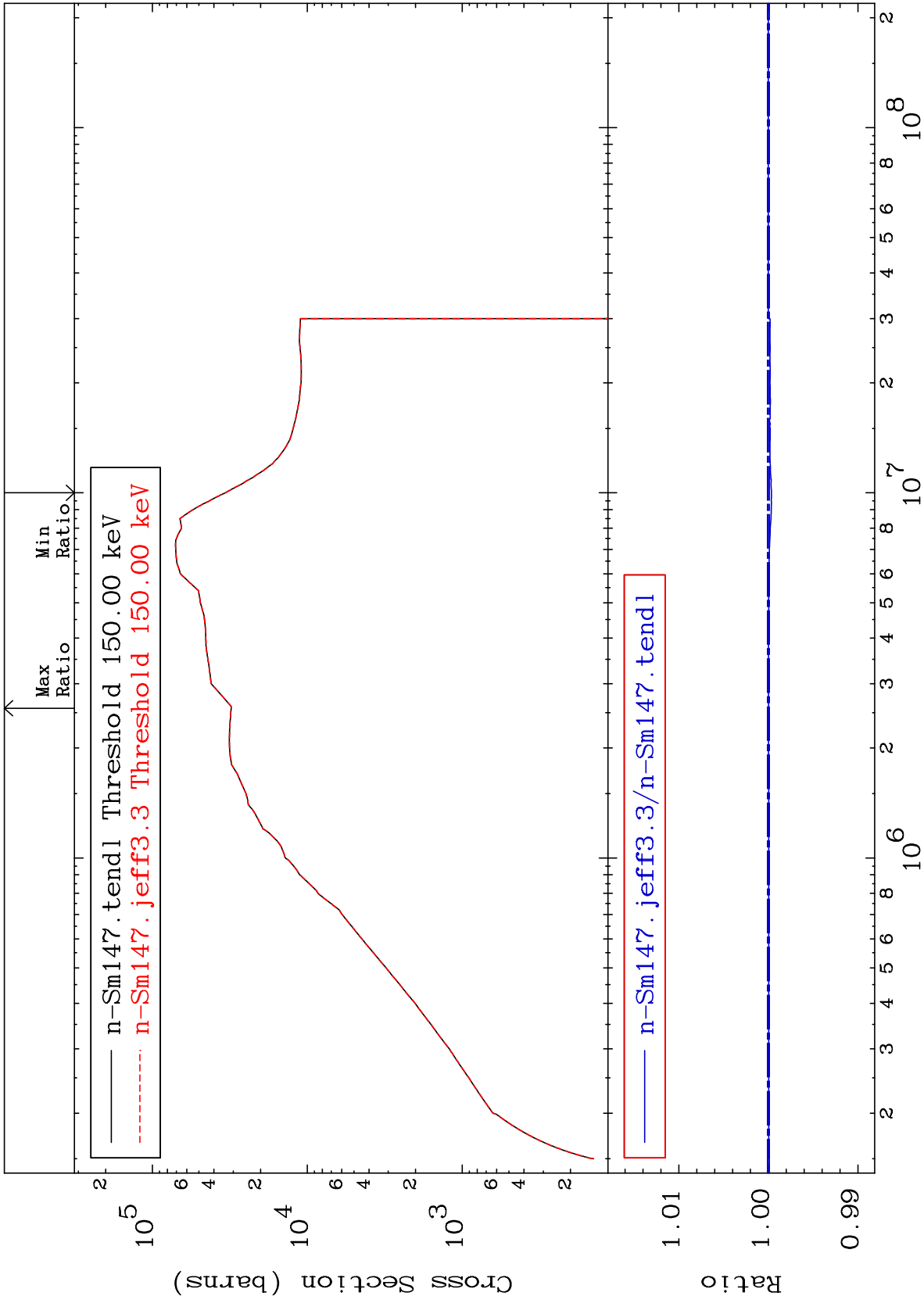
62-Sm-147
-98.33 To 902.6 %

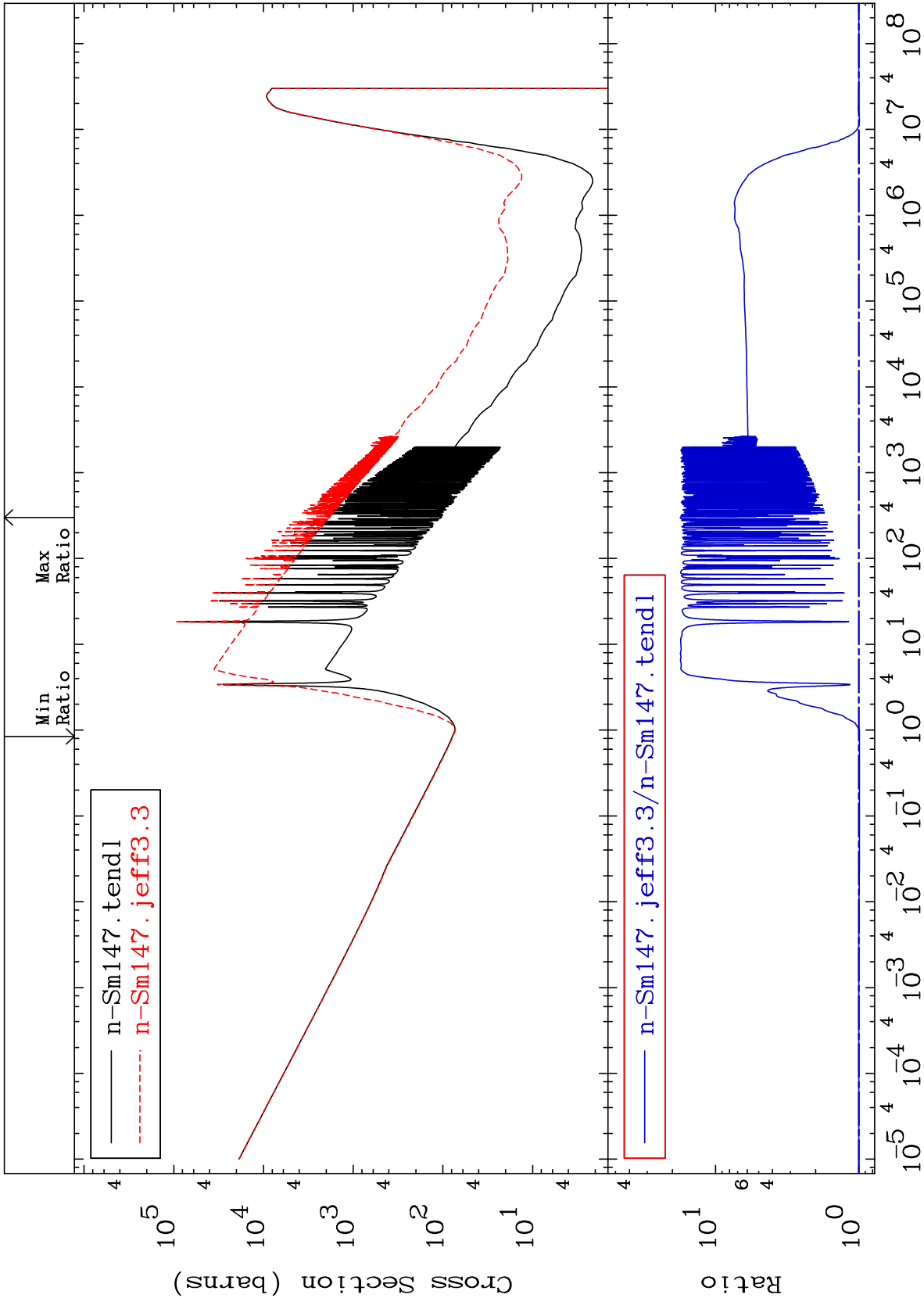


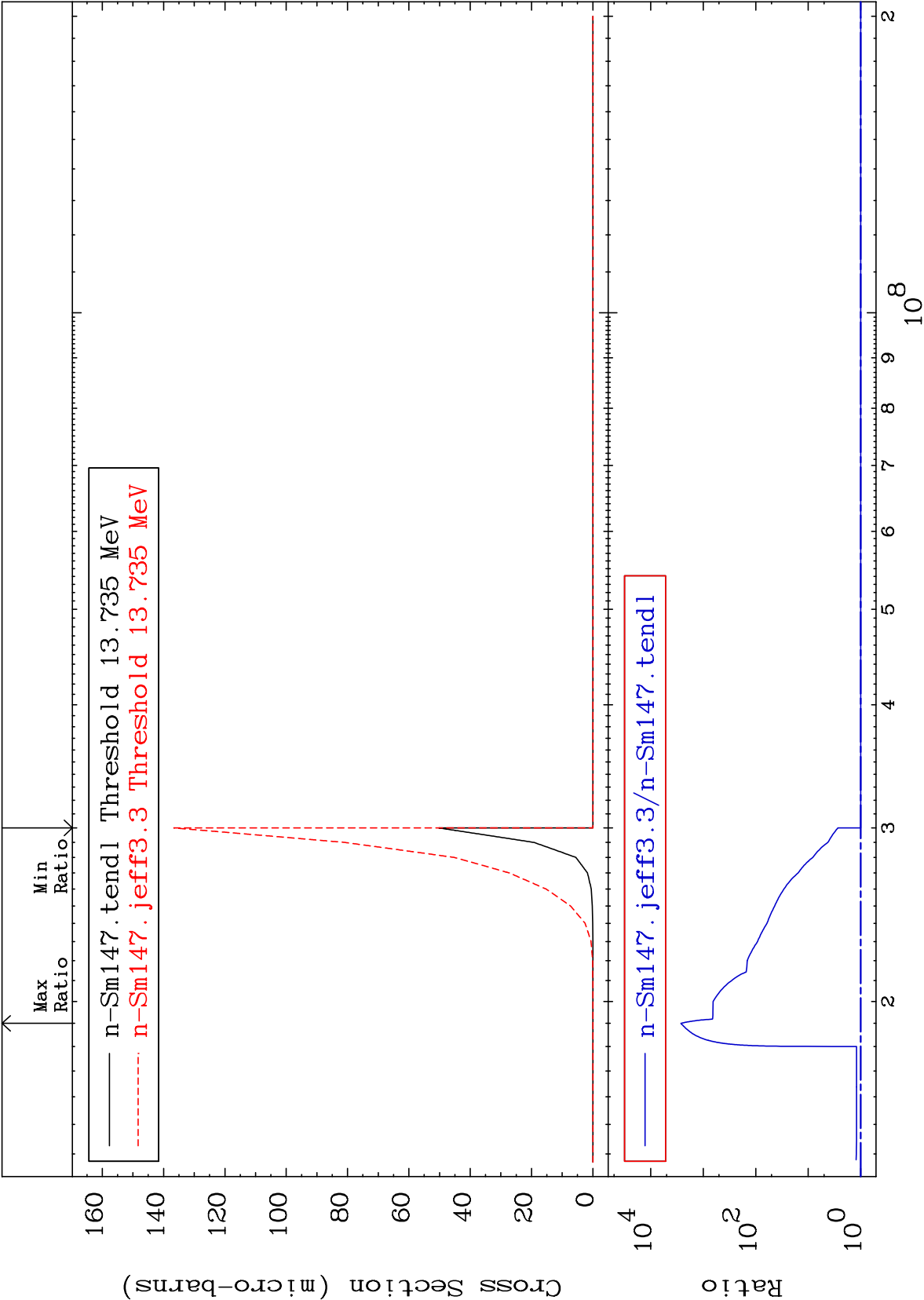
48

Incident Energy (eV)

62-Sm-147







MAT 6234

(n,3n) α :60-Nd-141m2

62-Sm-147

Radionuclide Production Cross Section

0.000

To 9999. %

