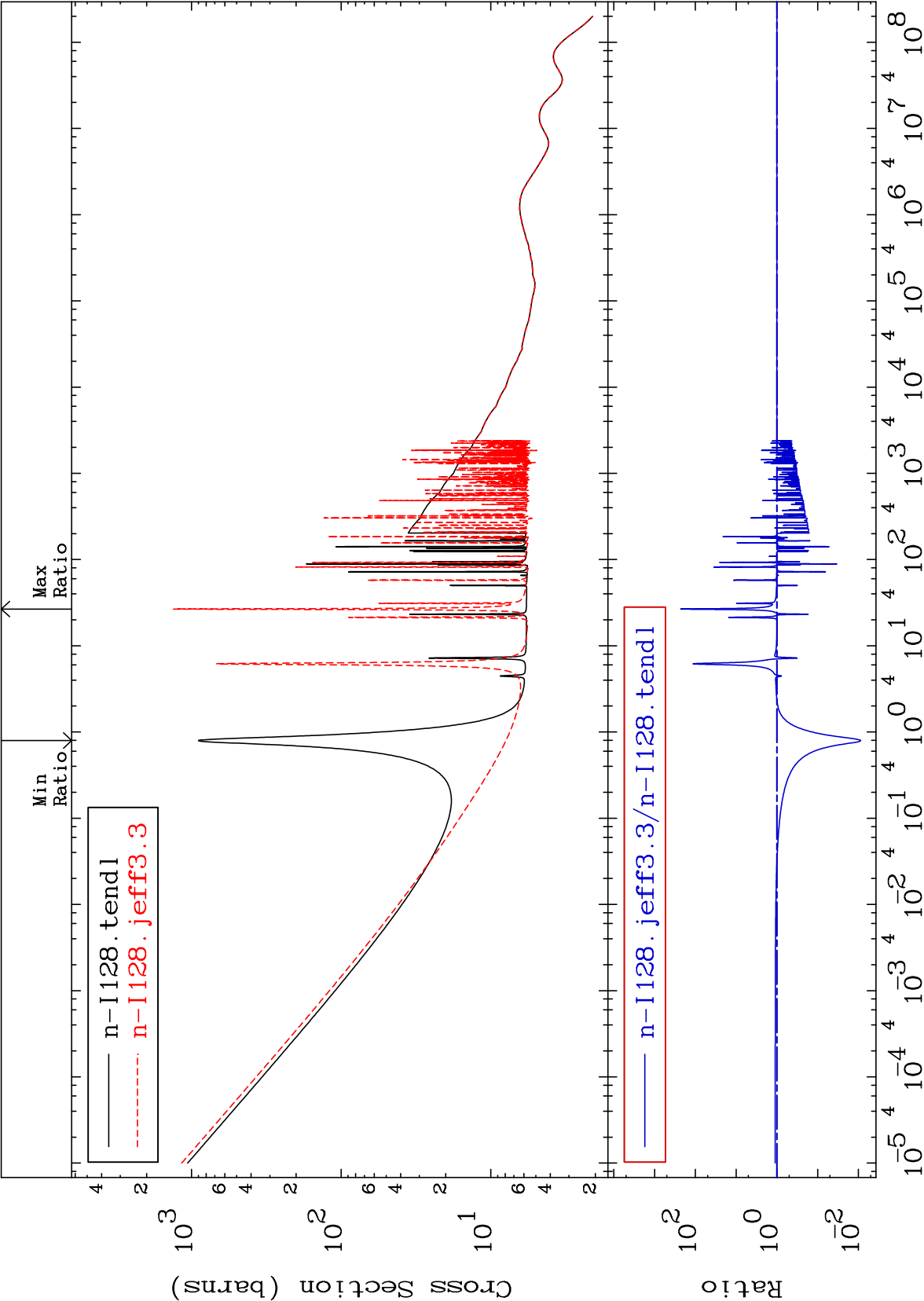
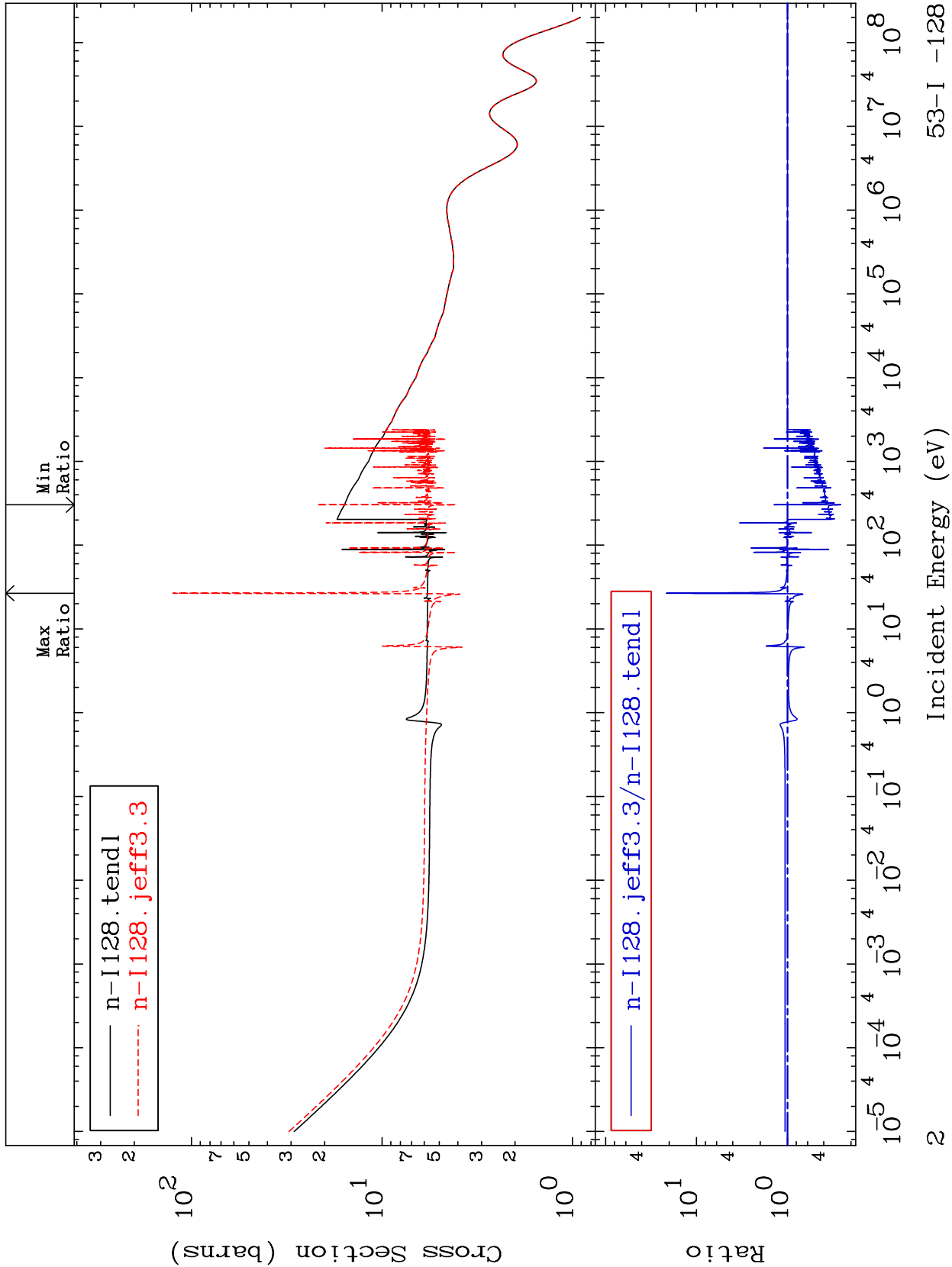


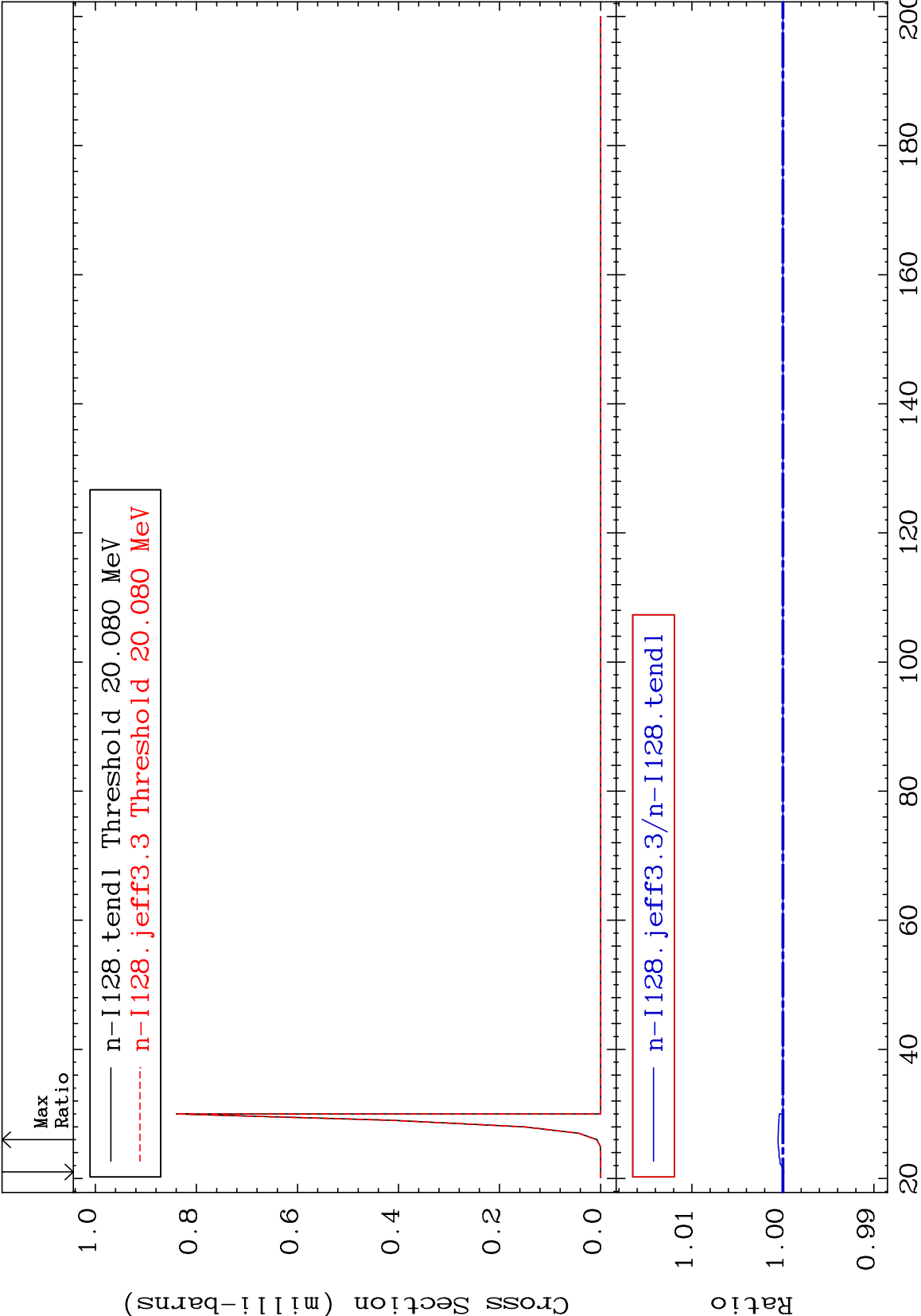




MAT 5328

(n,2n) d
Cross Section

53-I -128
-0.011 To 0.055 %

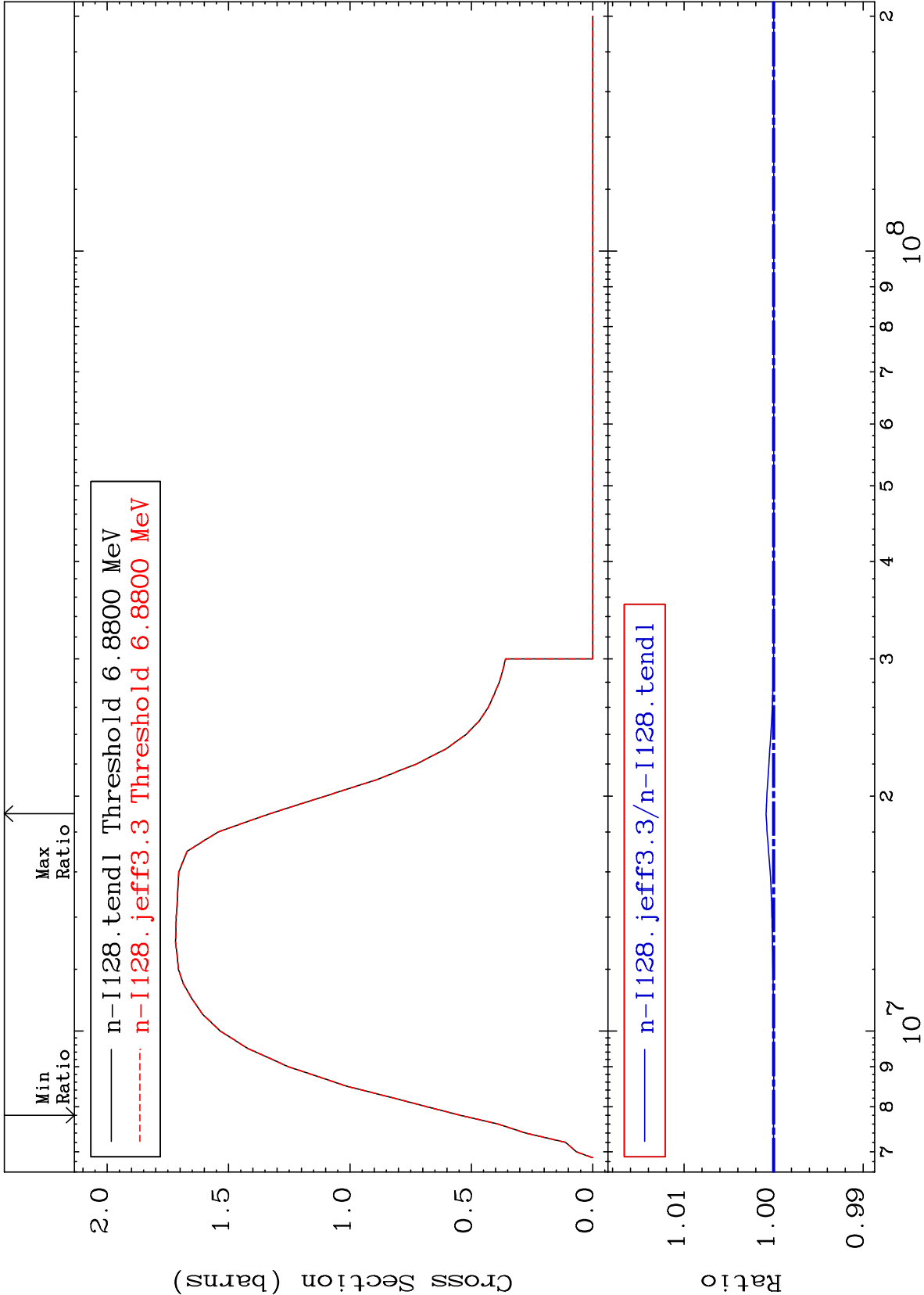


MAT 5328

(n,2n)

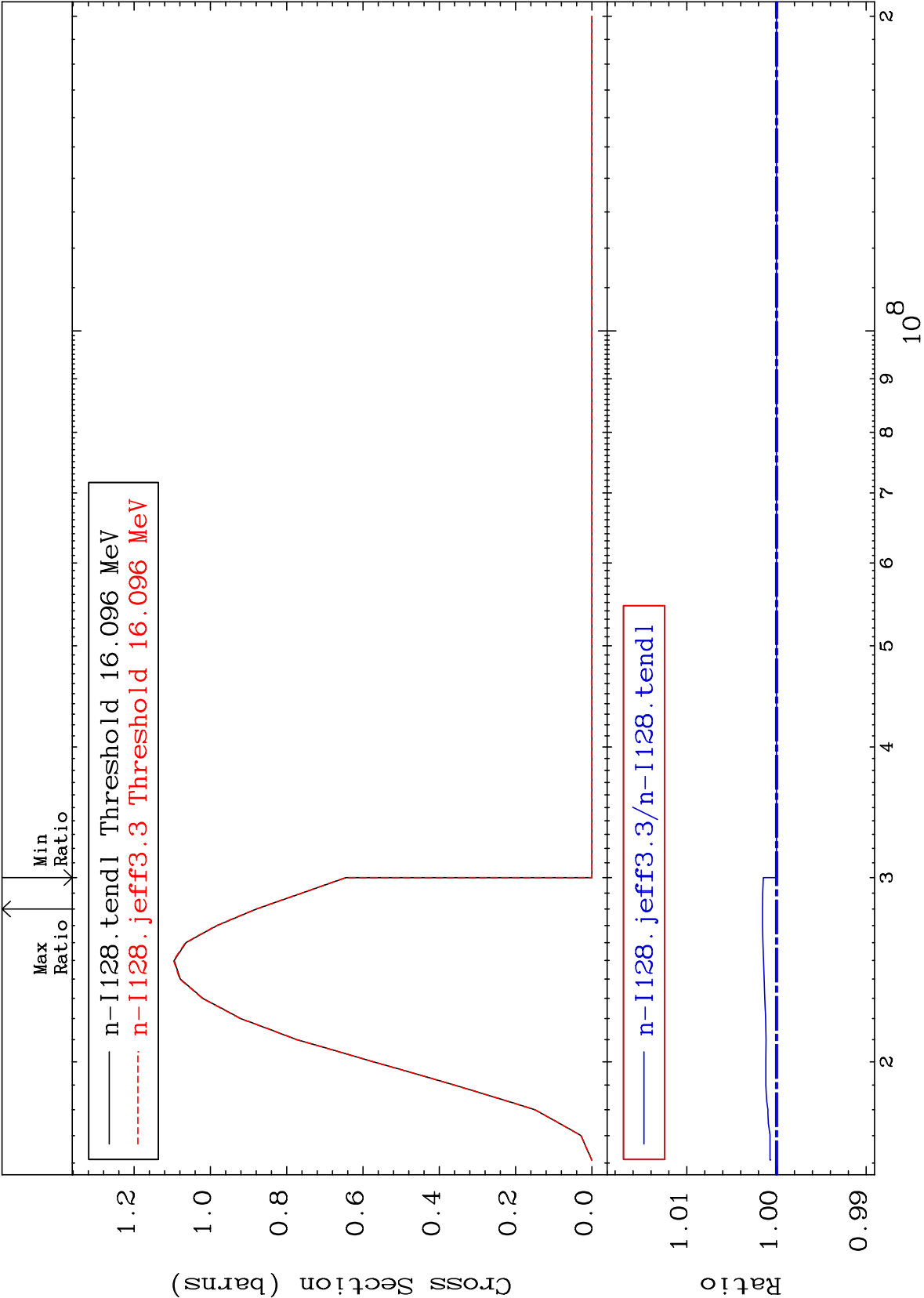
53-I -128
0.000 To 0.084 %

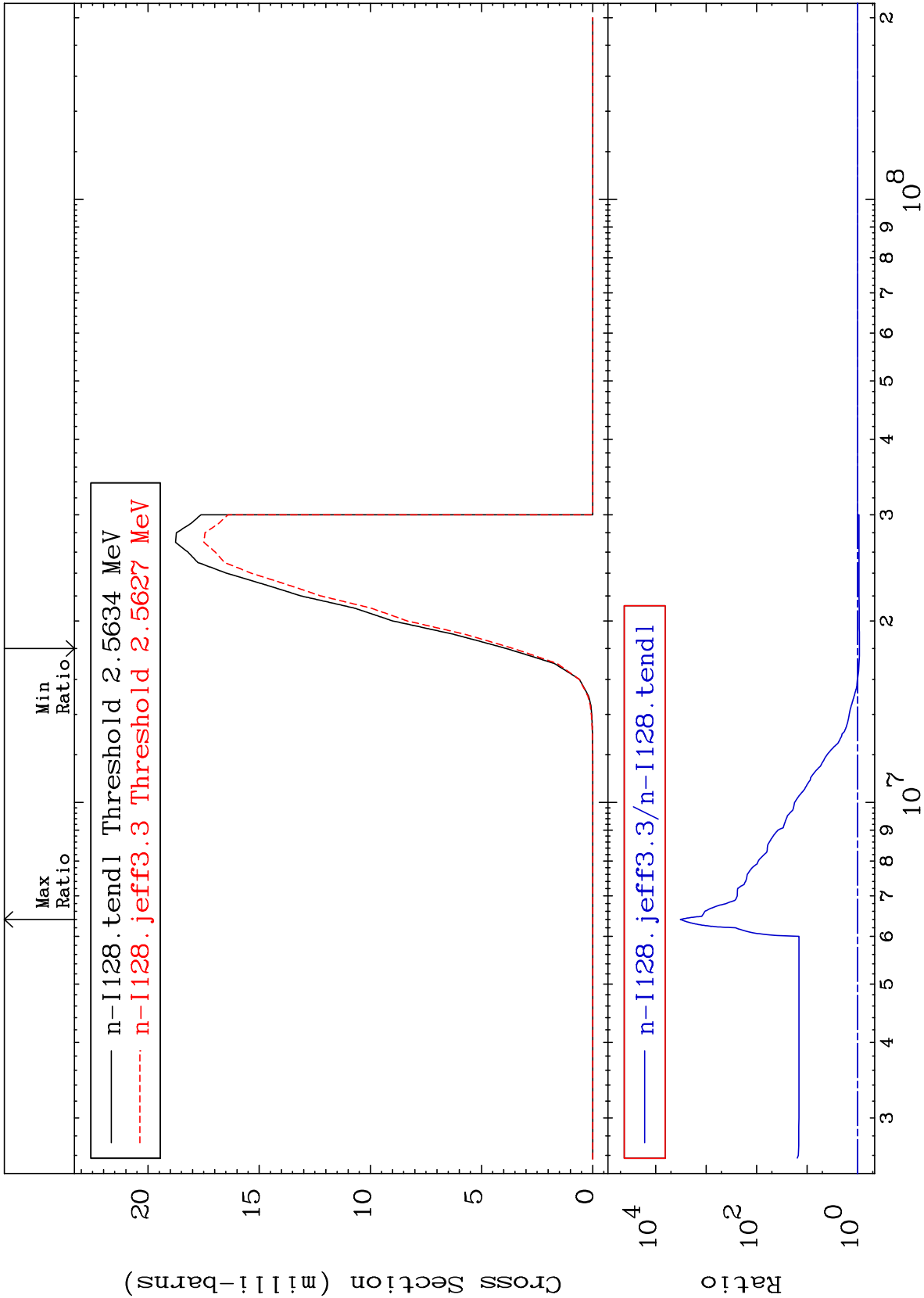
Cross Section



Incident Energy (eV)

53-I -128

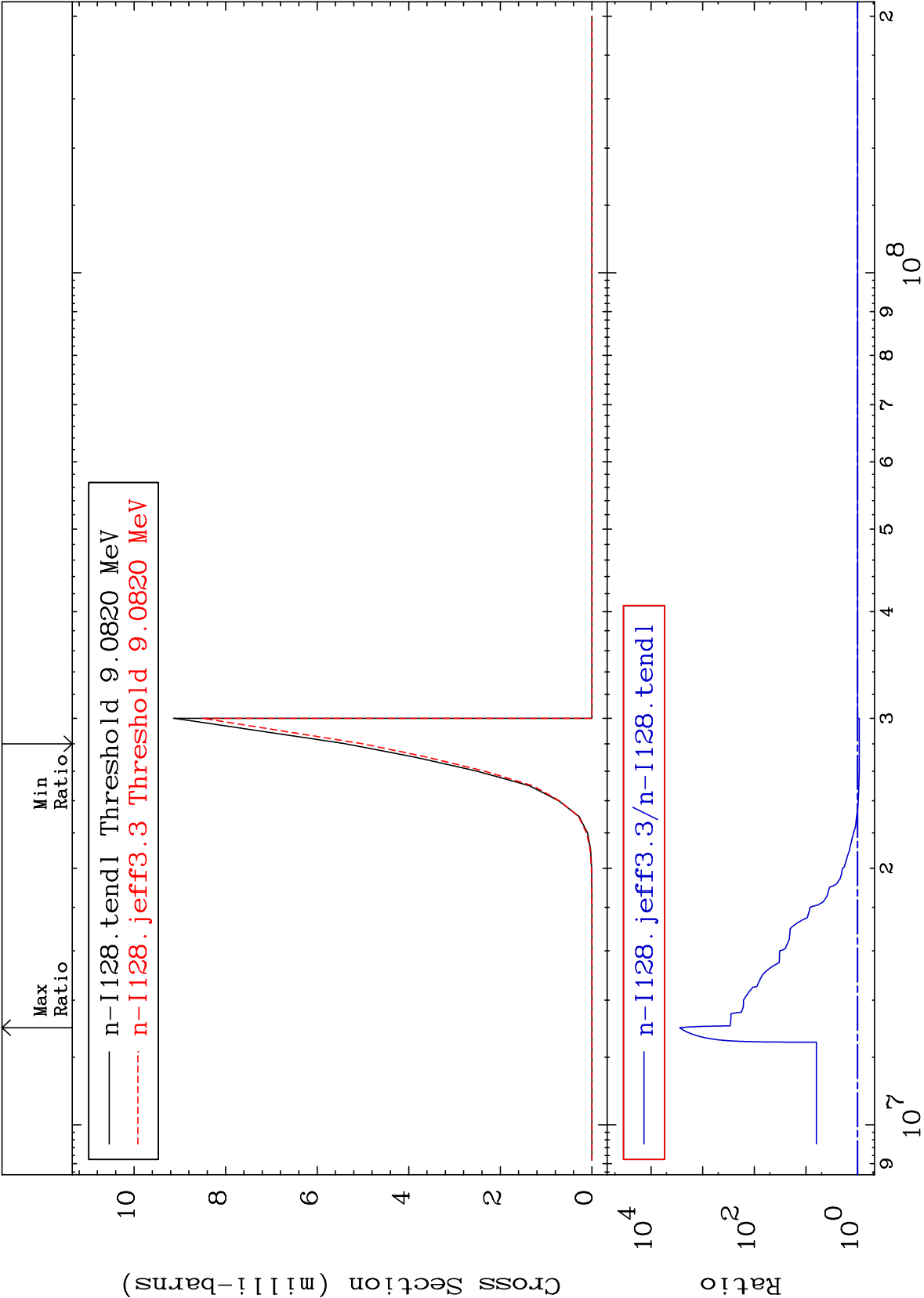


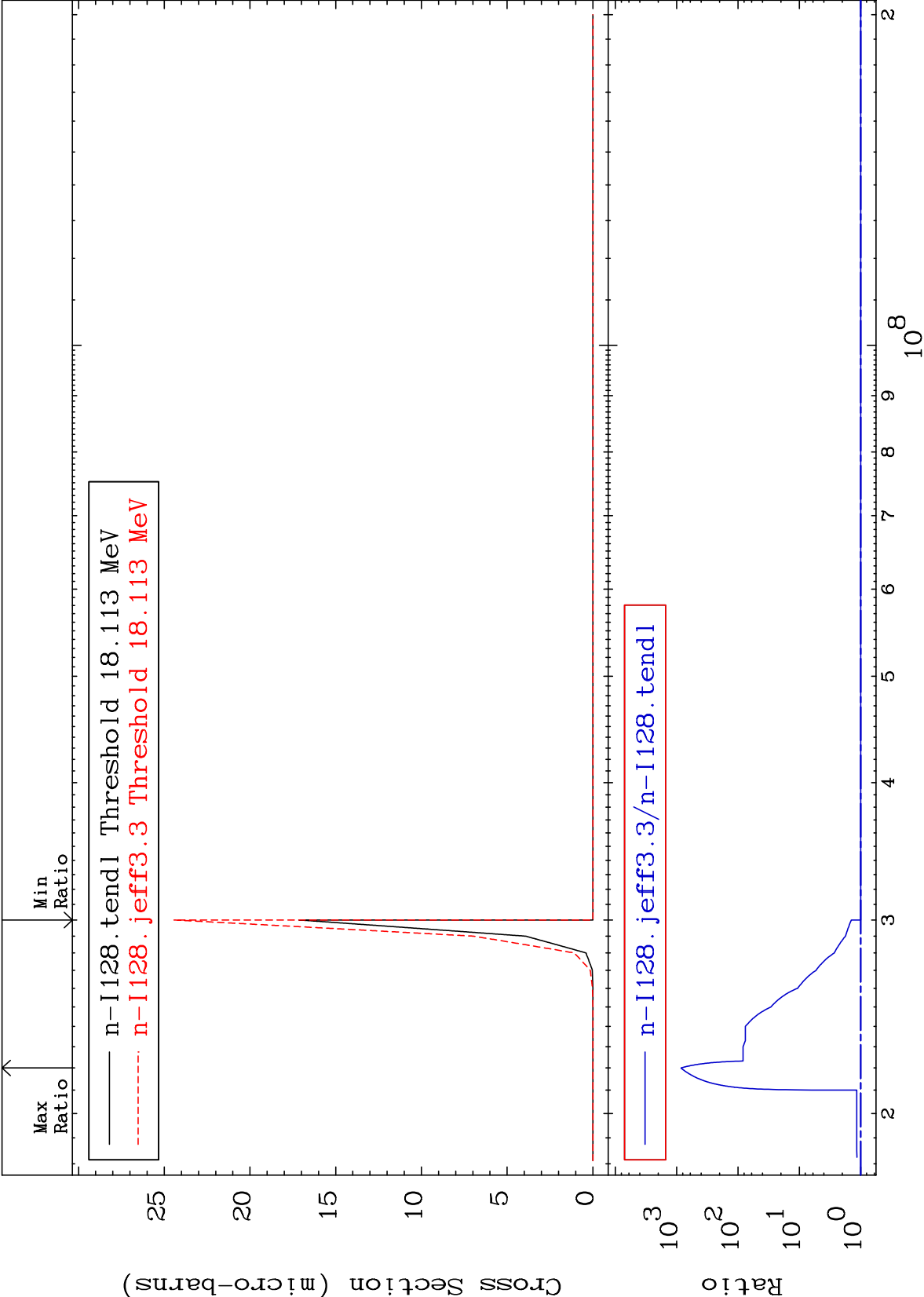


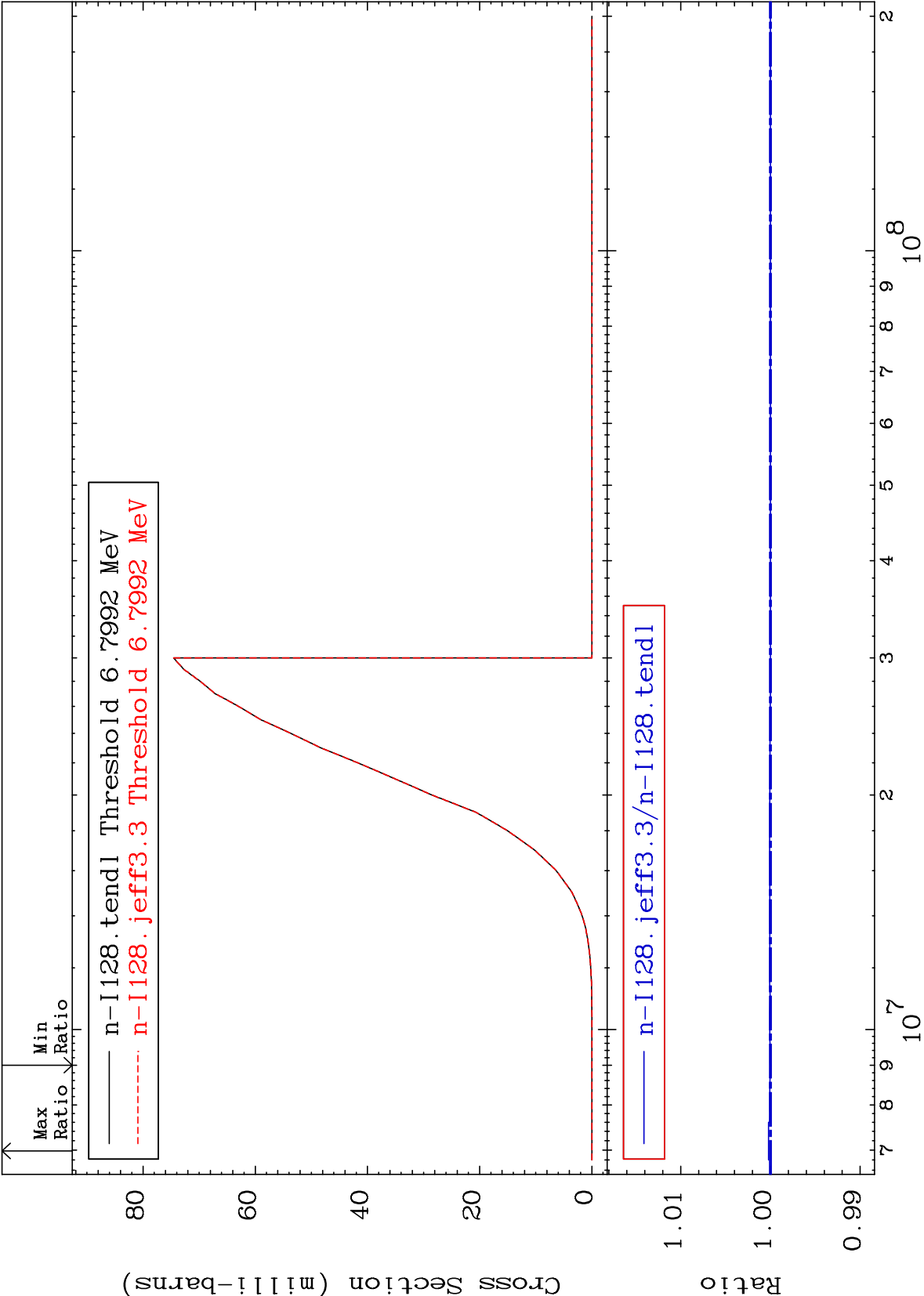
MAT 5328

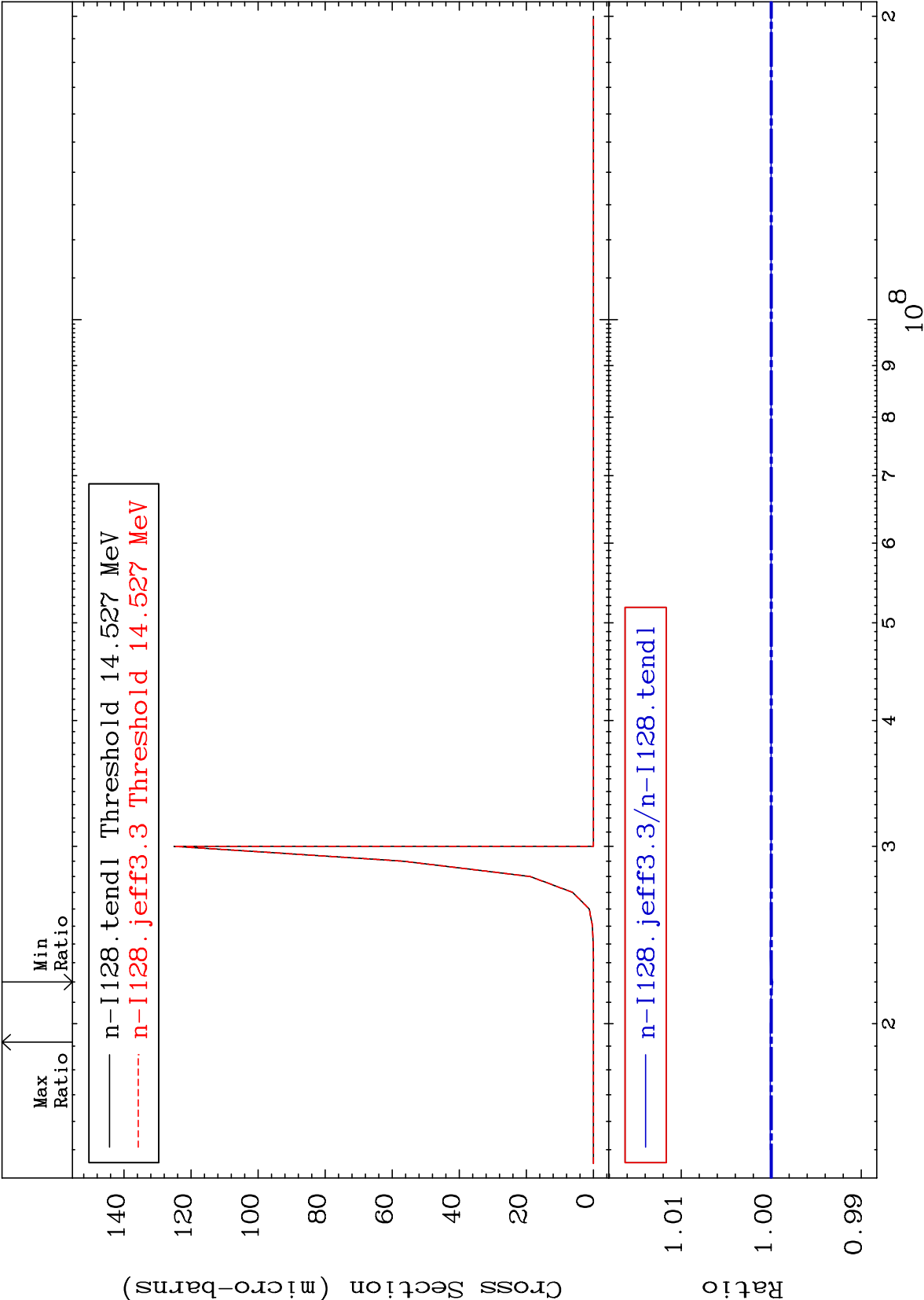
(n,2n) α
Cross Section

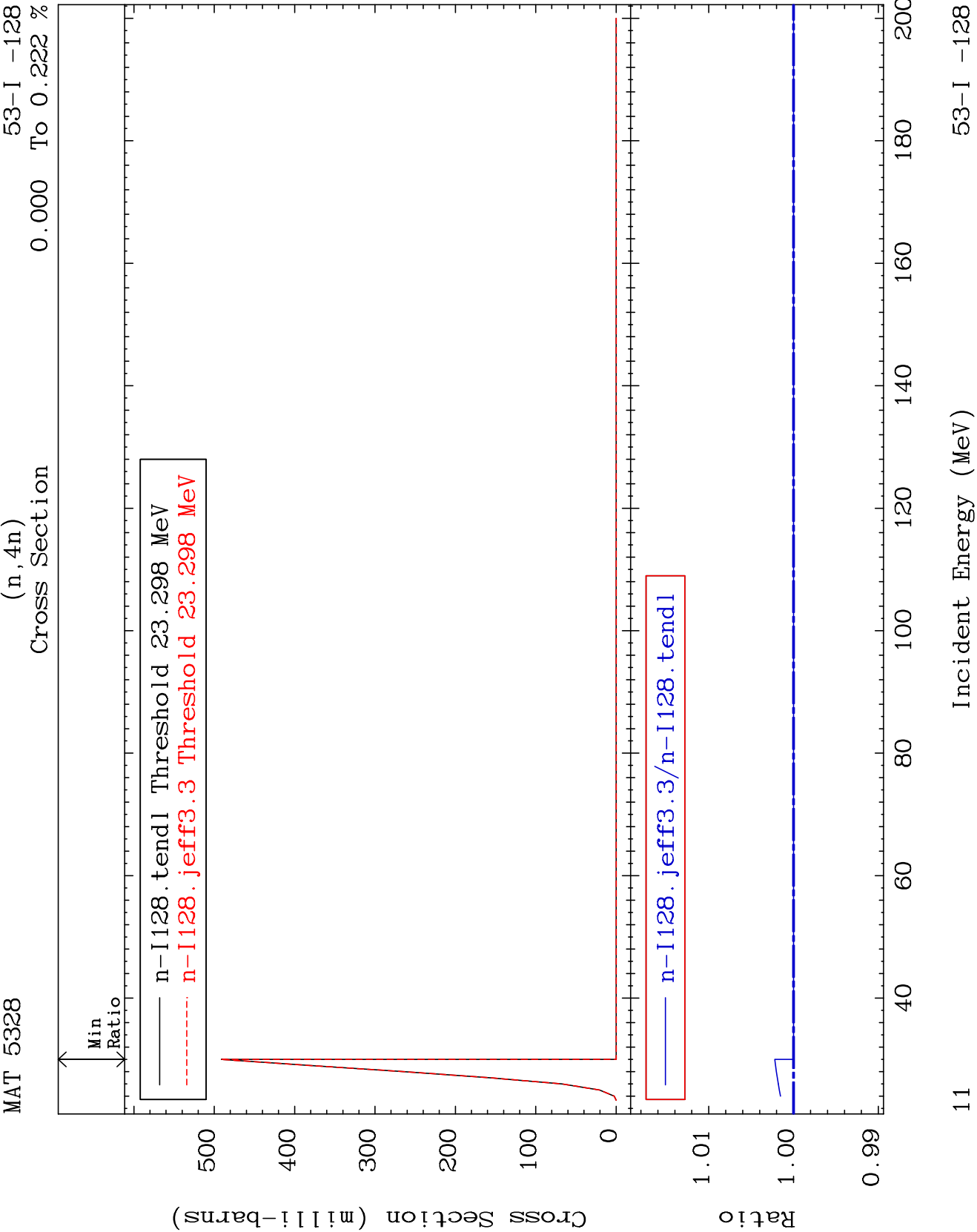
53-I -128
-6.887 To 9999. %







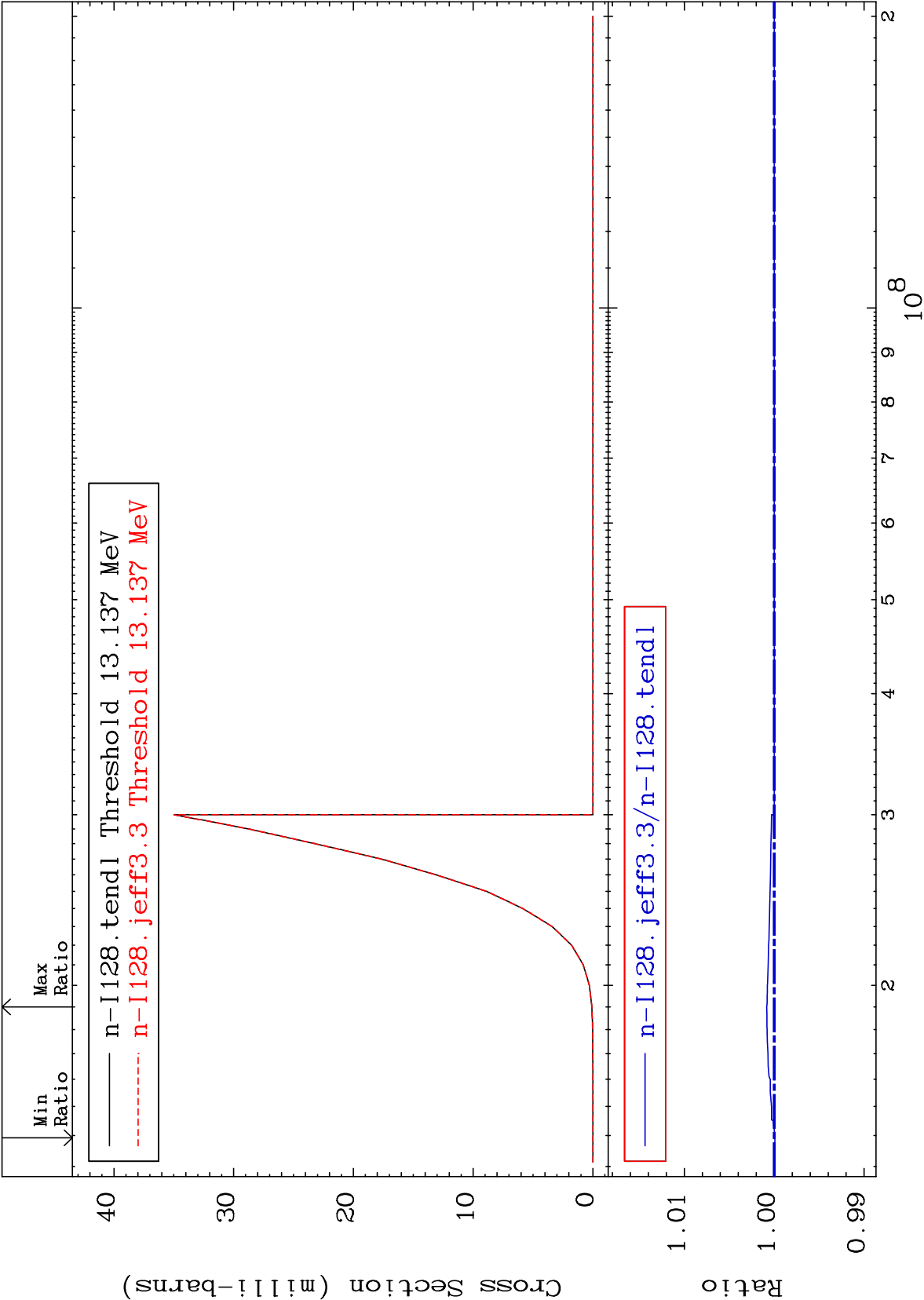




MAT 5328

(n,2n) p
Cross Section

53-I -128
-0.006 To 0.083 %



12

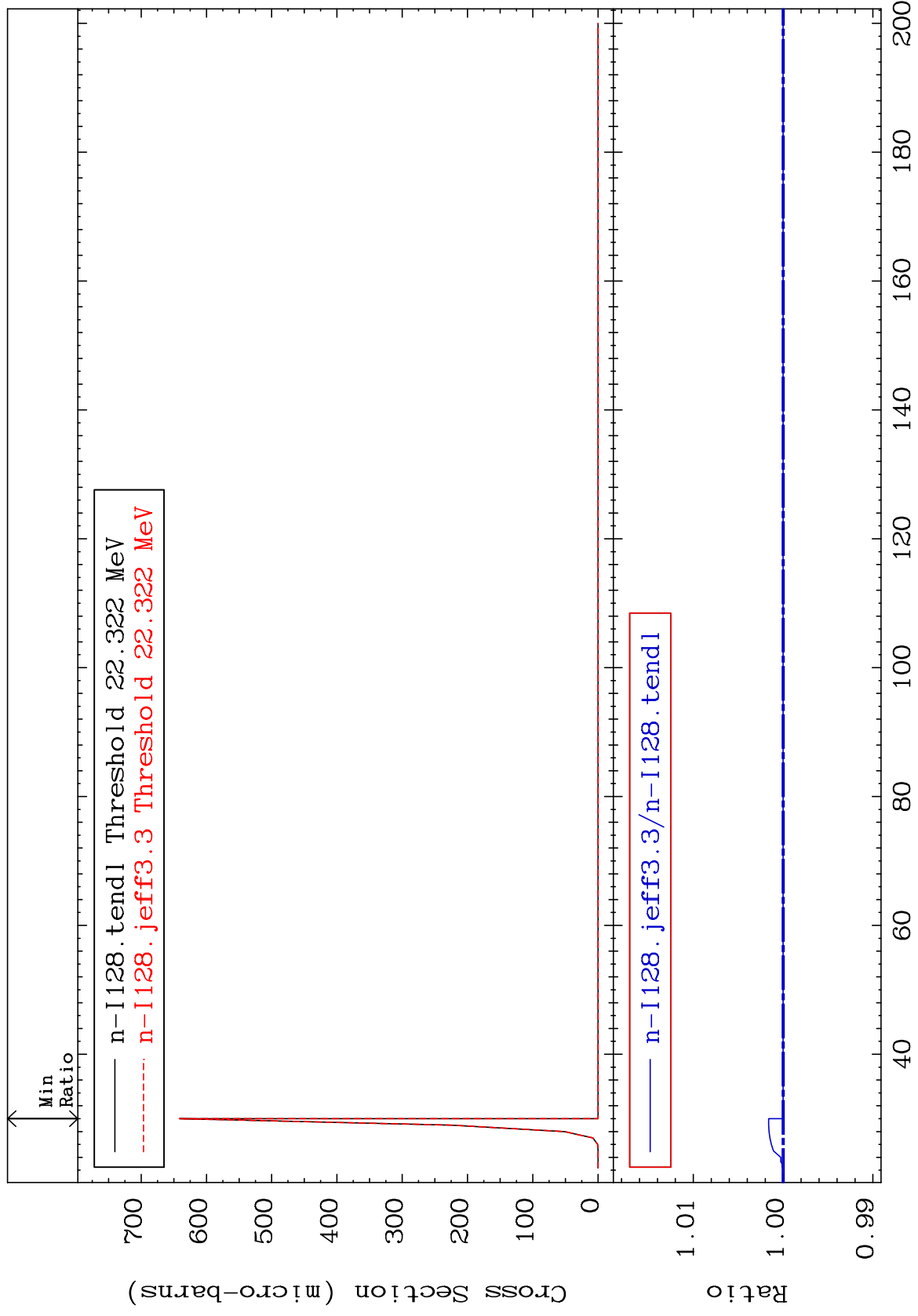
Incident Energy (eV)

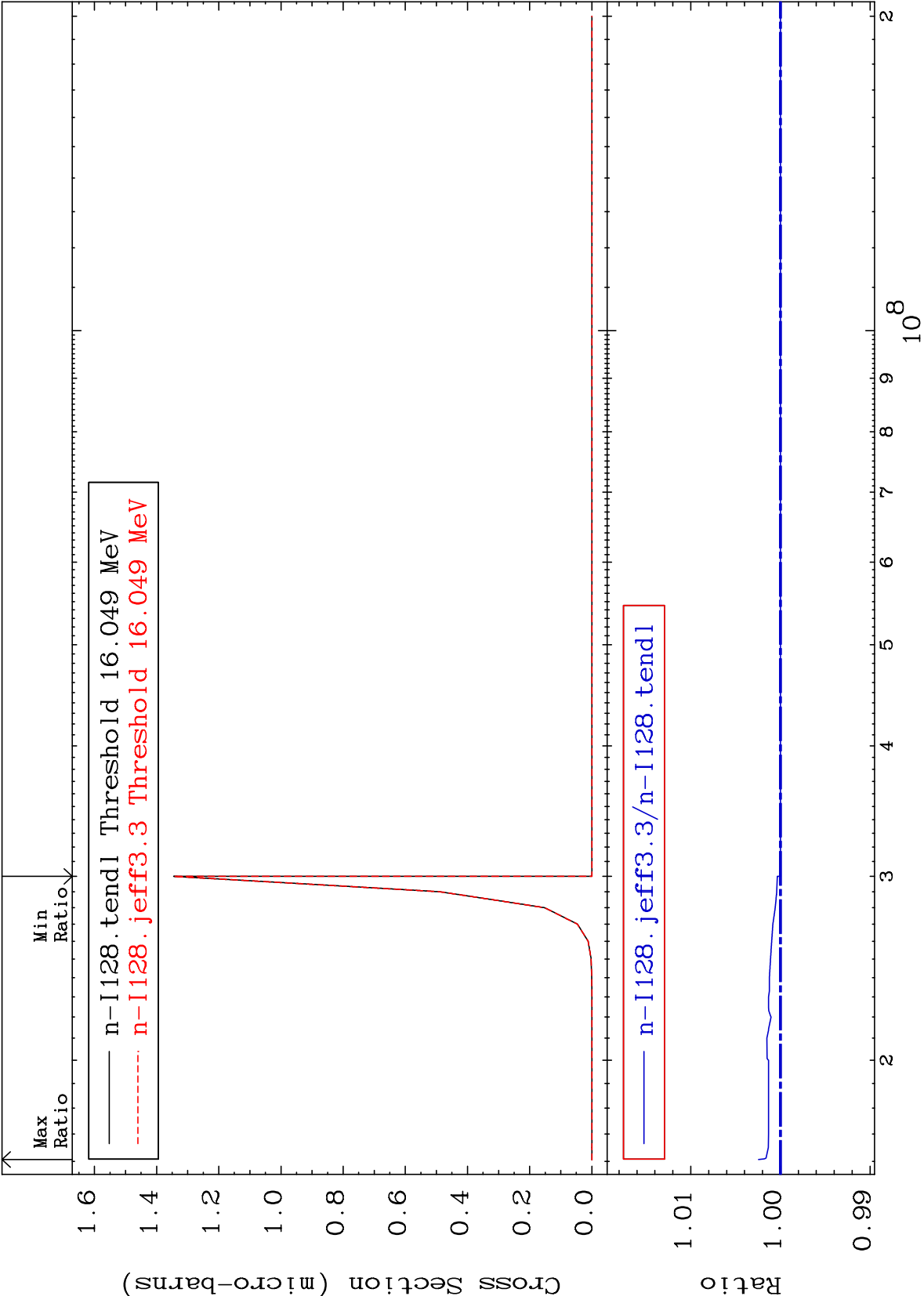
53-I -128

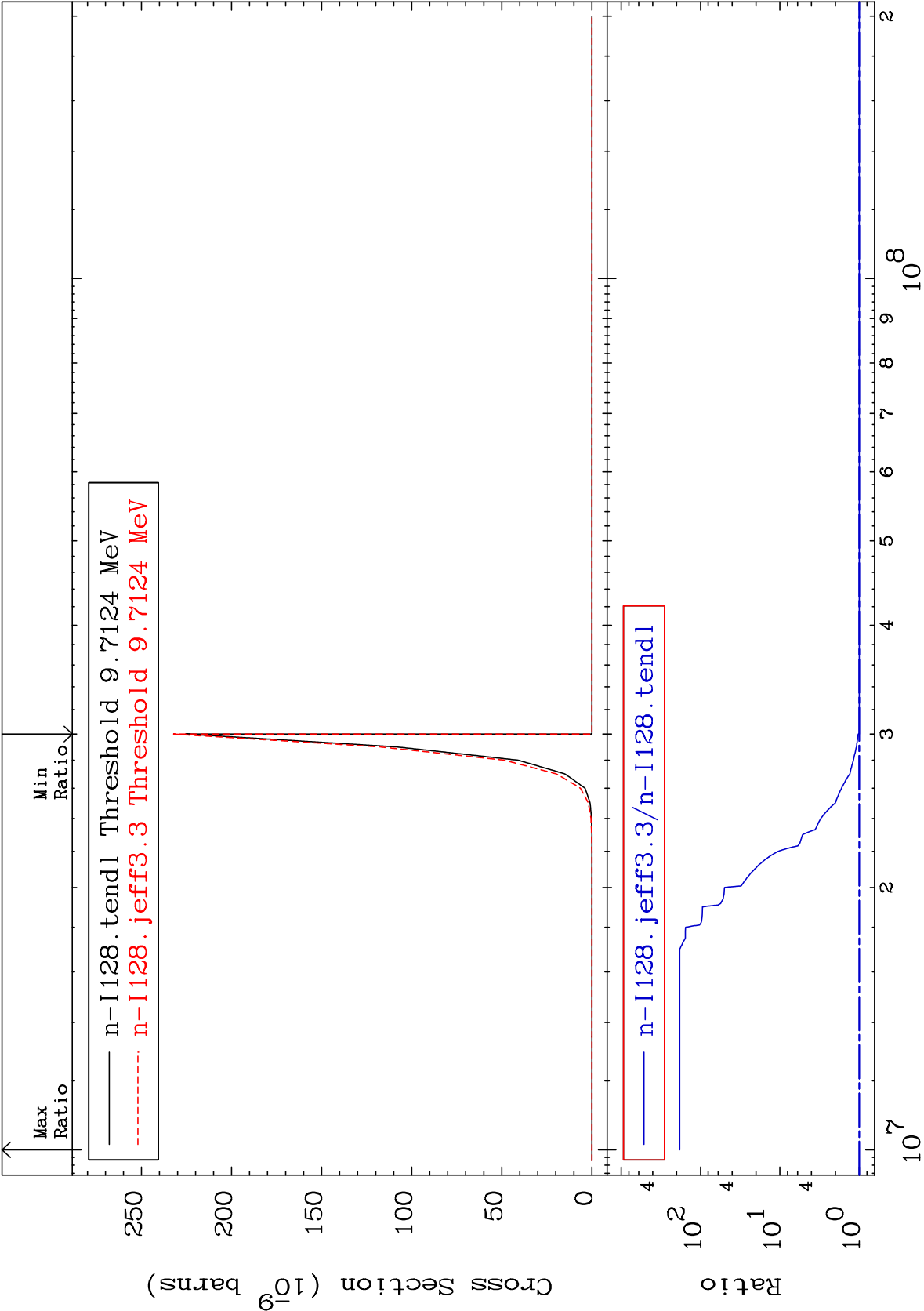
MAT 5328

(n,3n) p
Cross Section

53-I -128
0.000 To 0.162 %







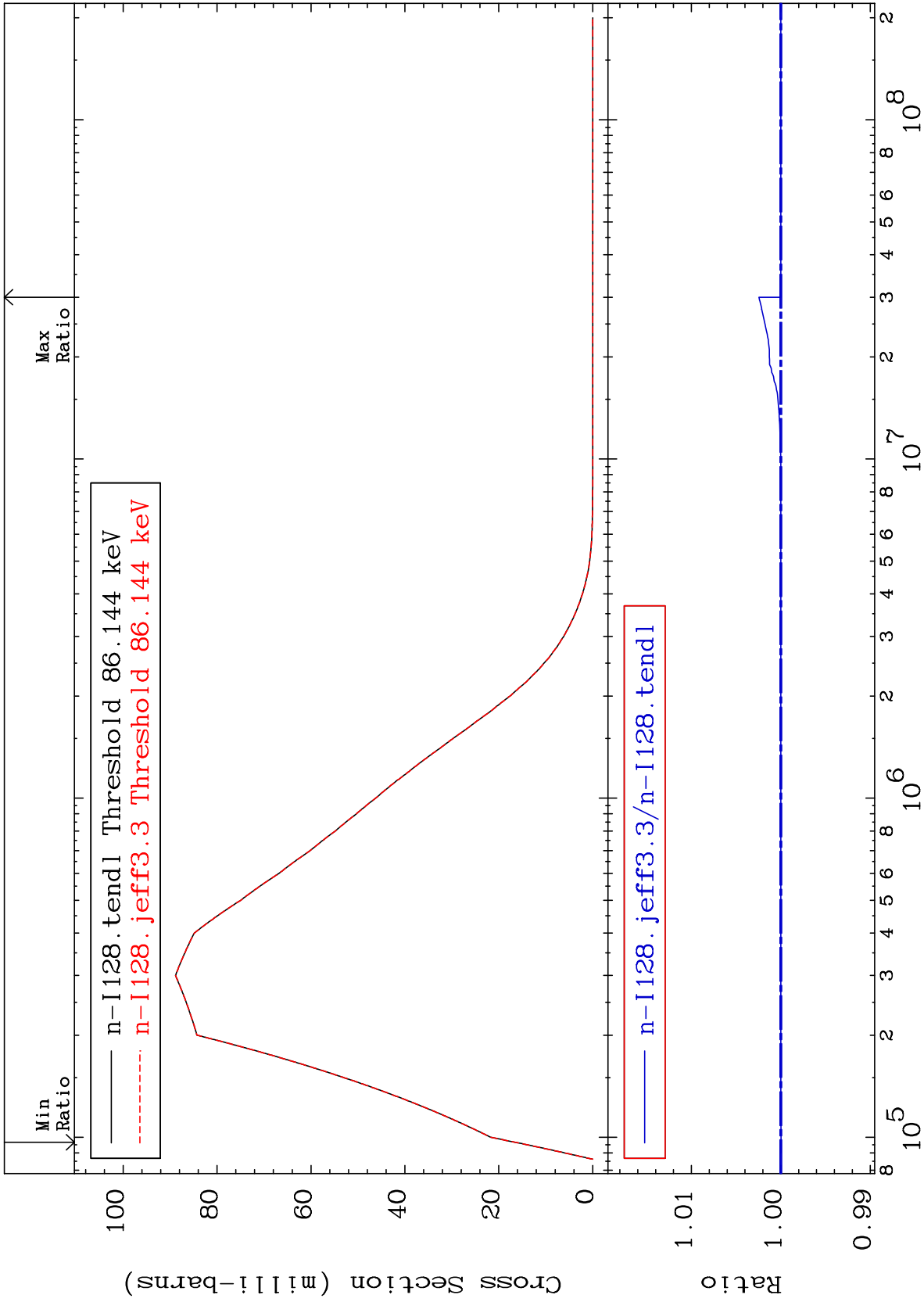
MAT 5328

MT= 52 (n,n') Level

53-I -128

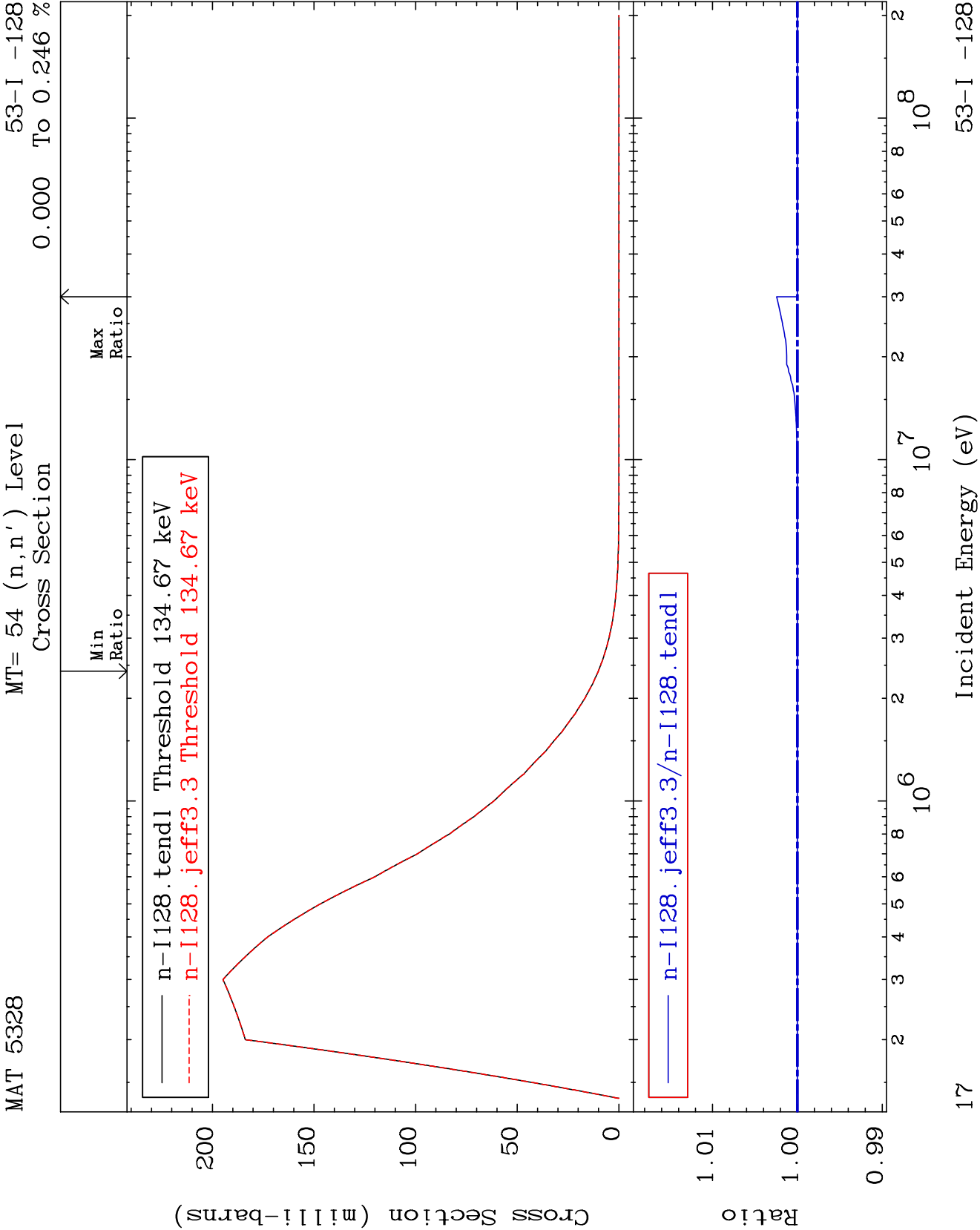
Cross Section

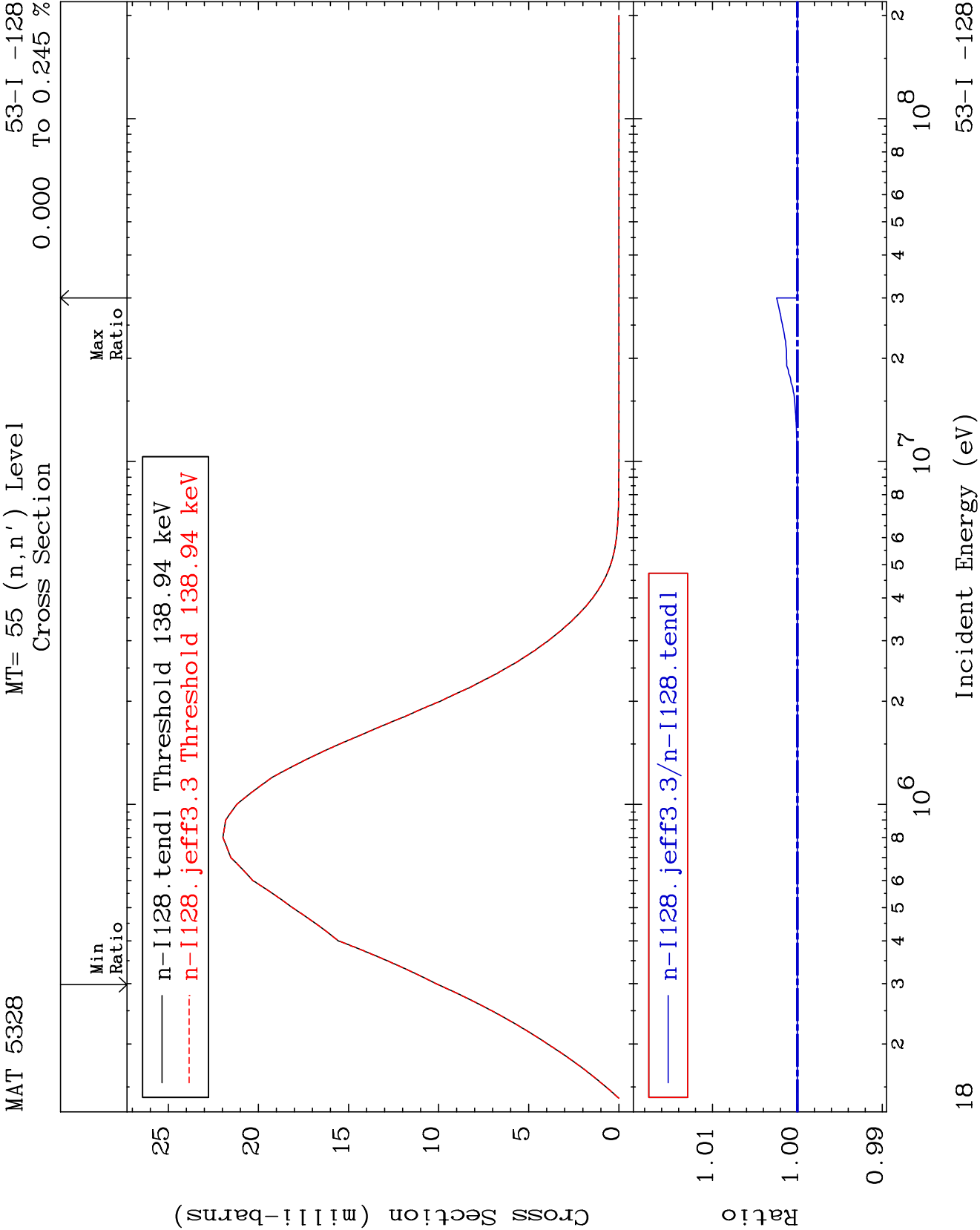
-0.001 To 0.245 %

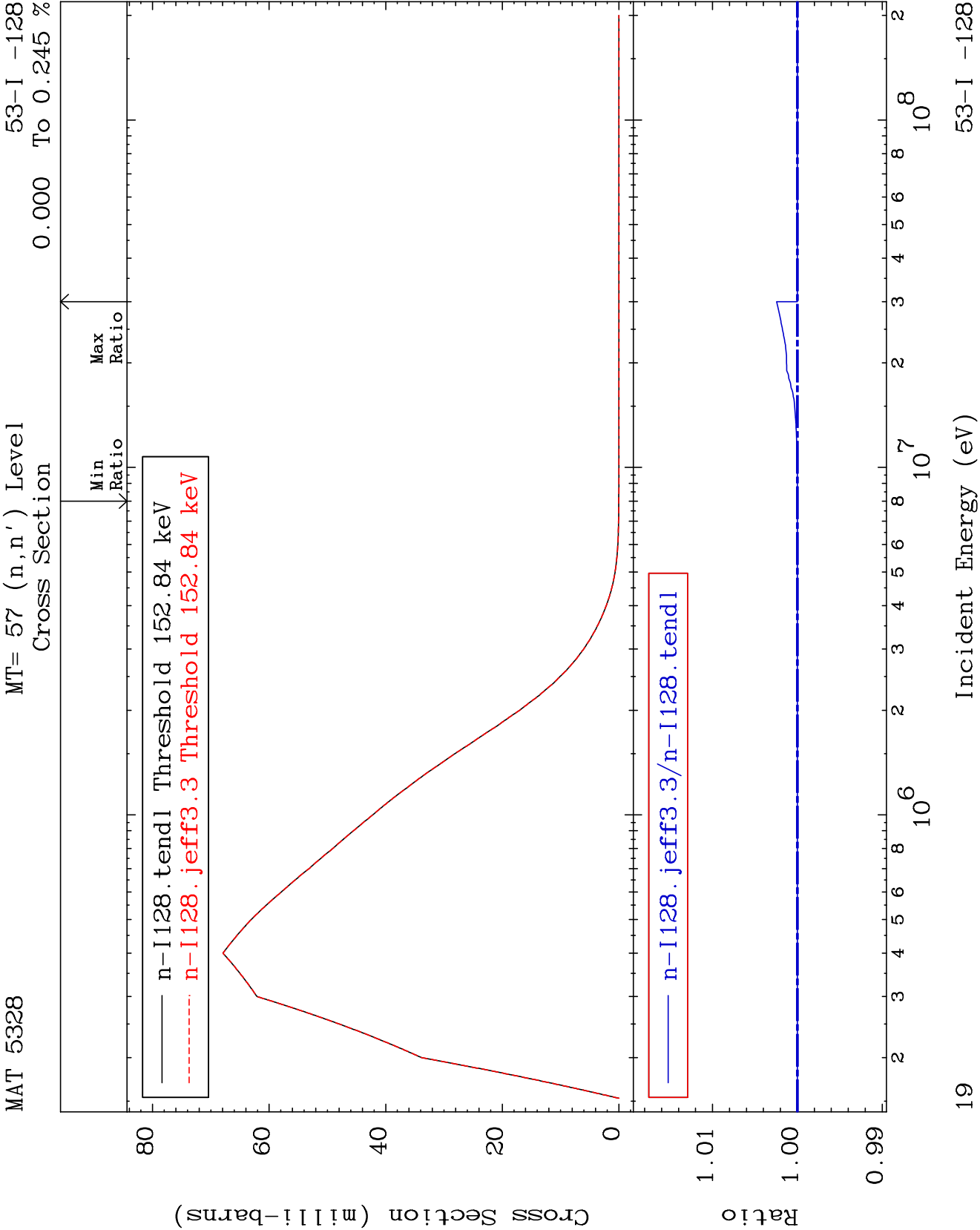


Incident Energy (eV)

53-I -128







MAT 5328

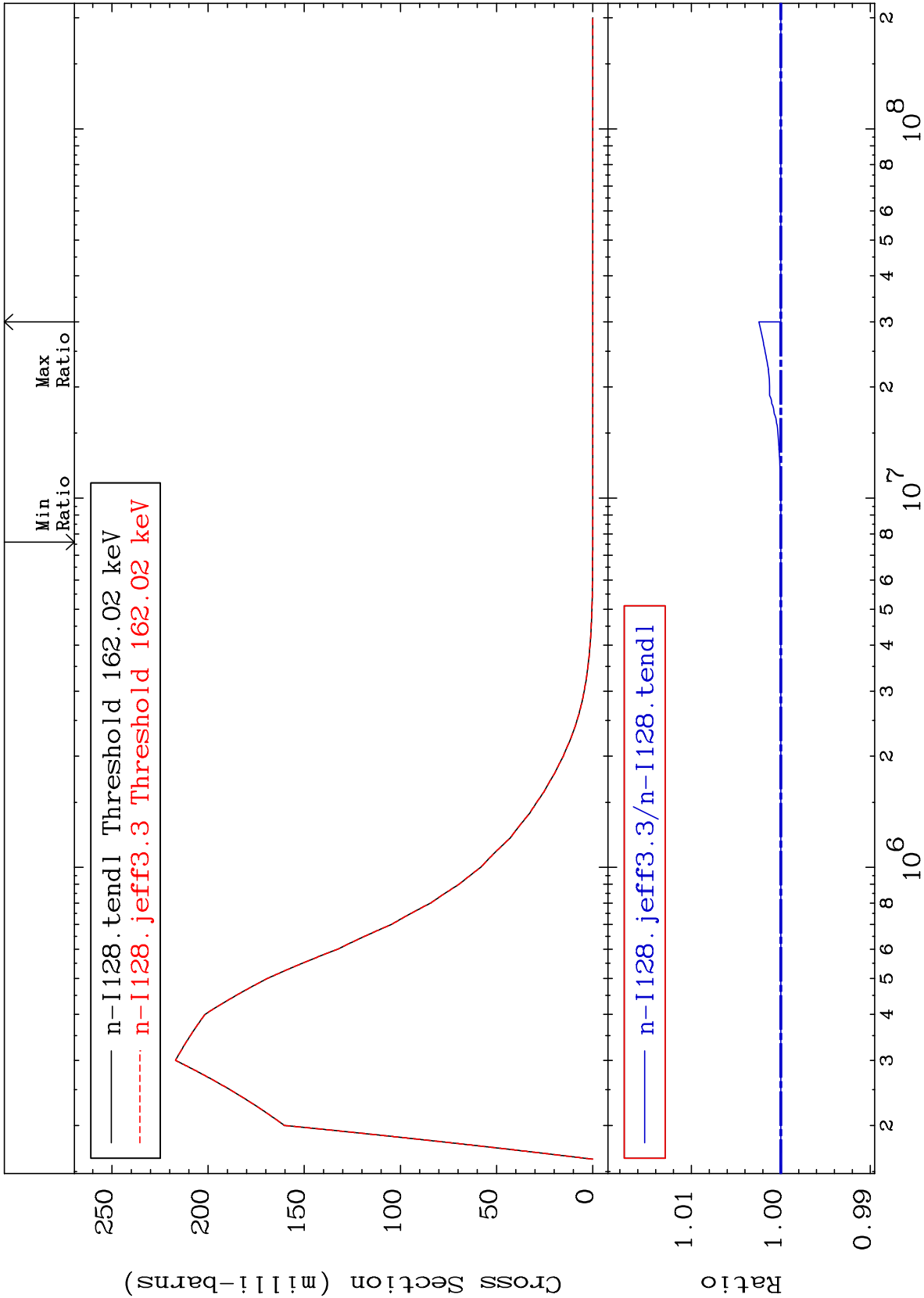
MT= 58 (n,n') Level

53-I -128

Cross Section

0.000

To 0.245 %



20

Incident Energy (eV)

53-I -128

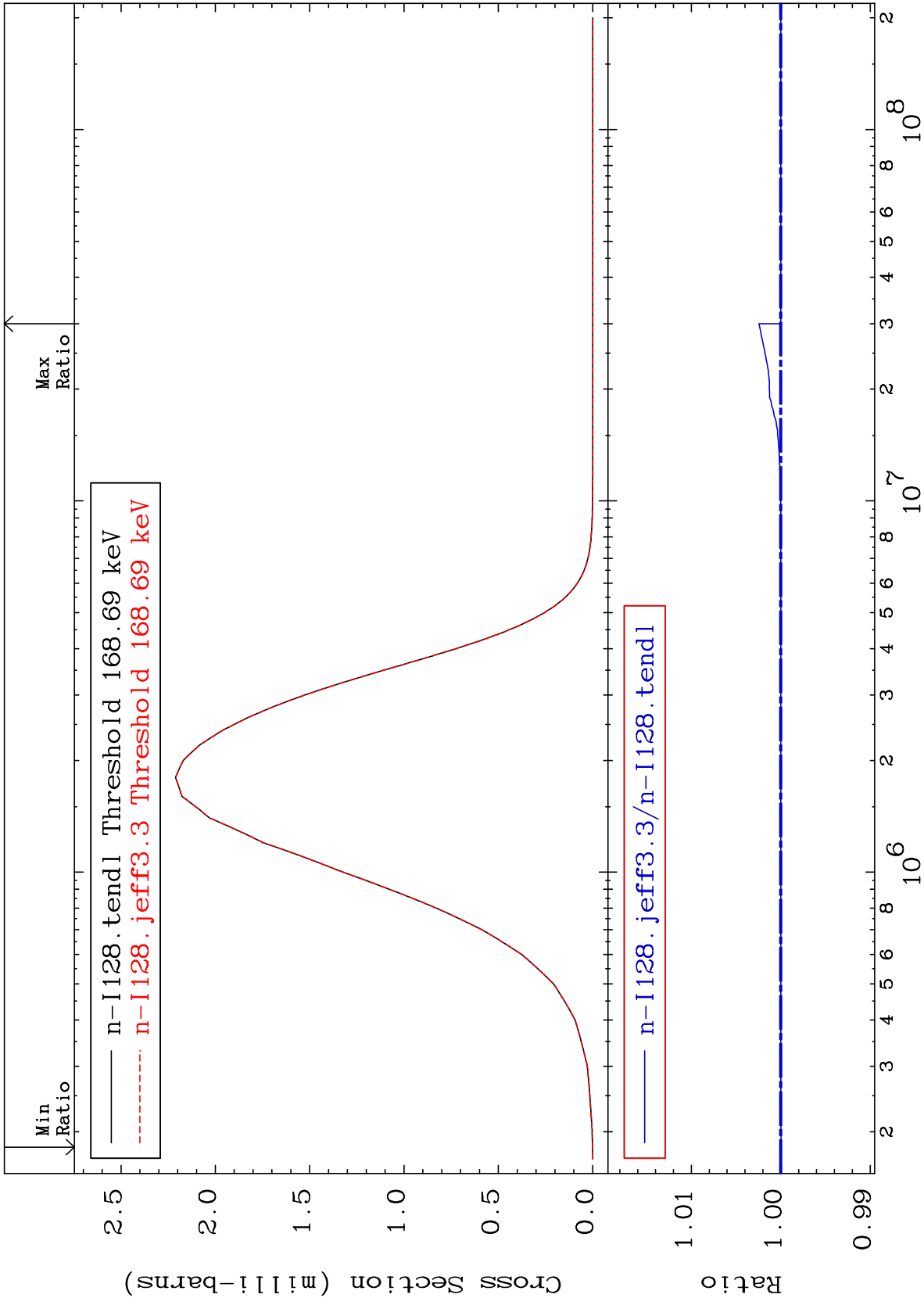
MAT 5328

MT= 59 (n,n') Level

53-I -128

Cross Section

-0.002 To 0.245 %



MAT 5328

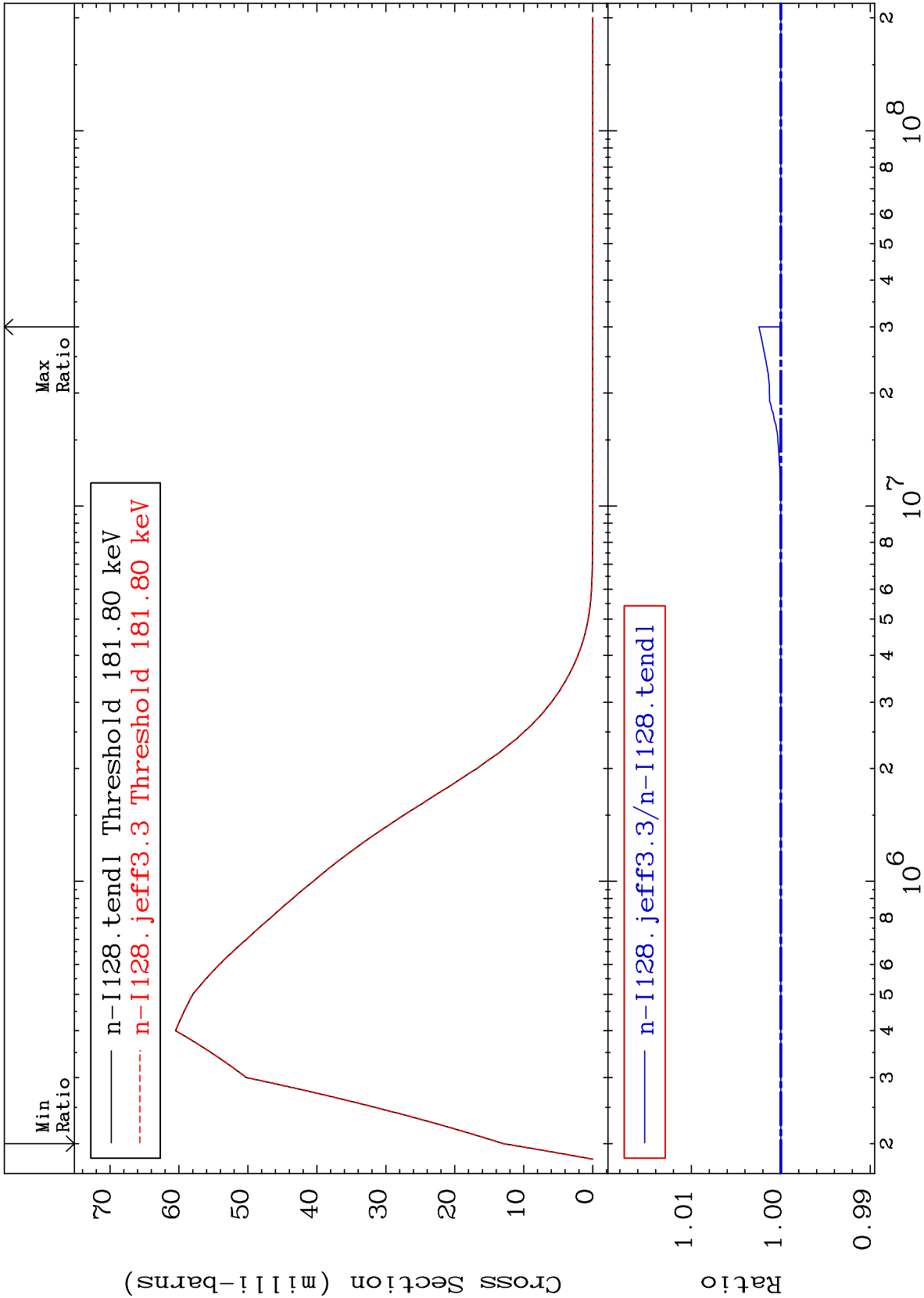
MT= 60 (n,n') Level

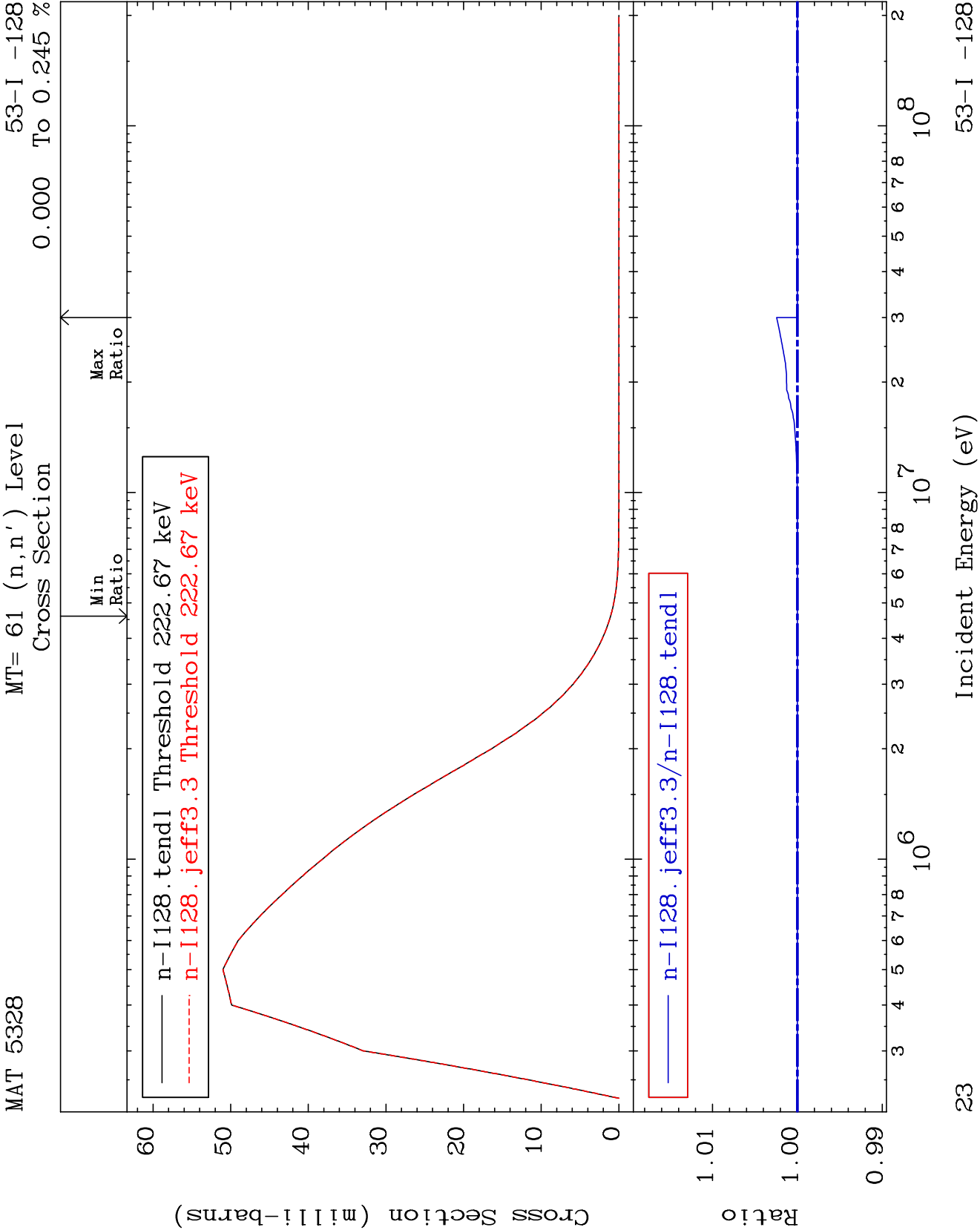
53-I -128

Cross Section

0.000

To 0.245 %





MAT 5328

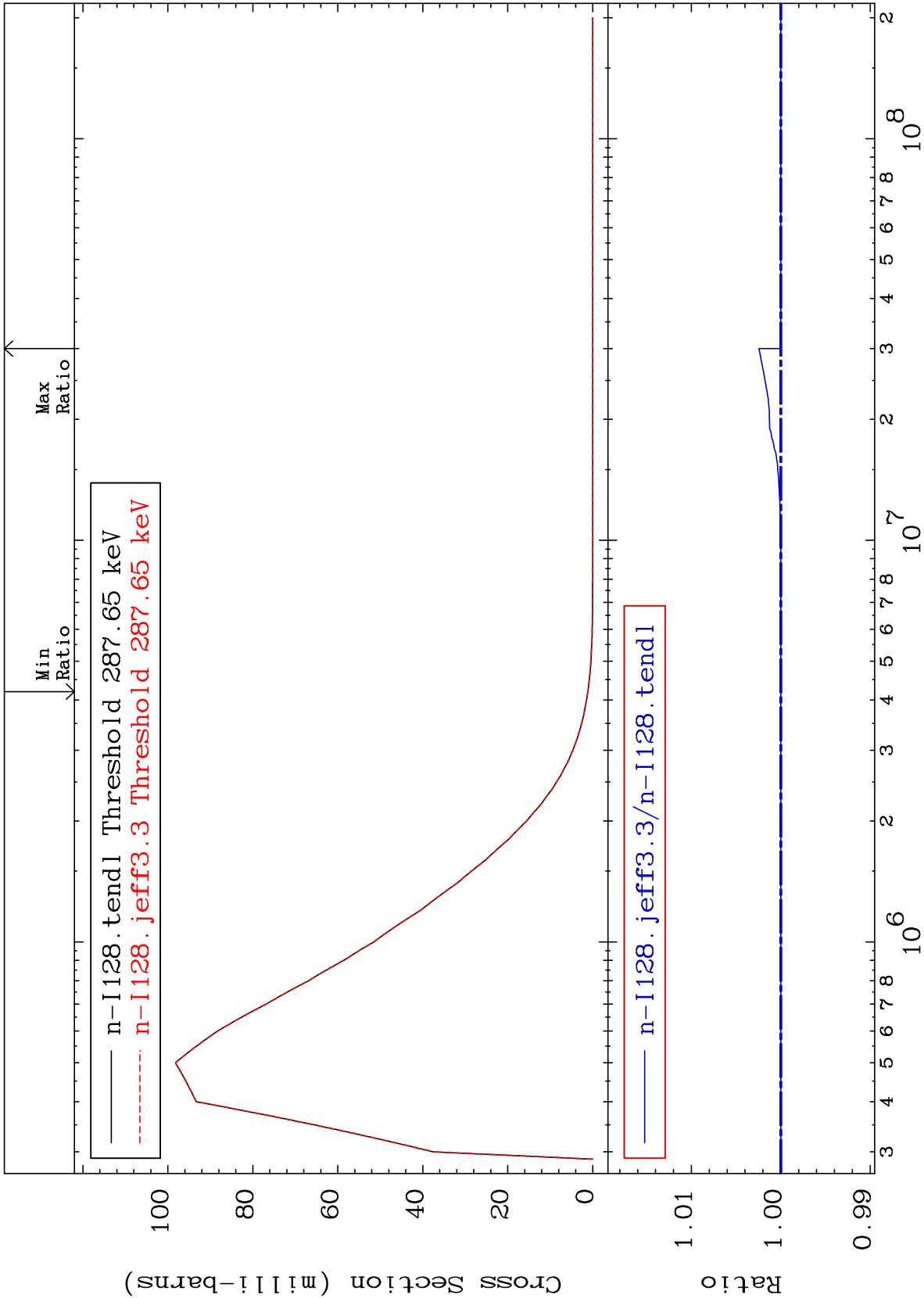
MT= 66 (n,n') Level

53-I -128

Cross Section

0.000

To 0.244 %



24

Incident Energy (eV)

53-I -128

MAT 5328

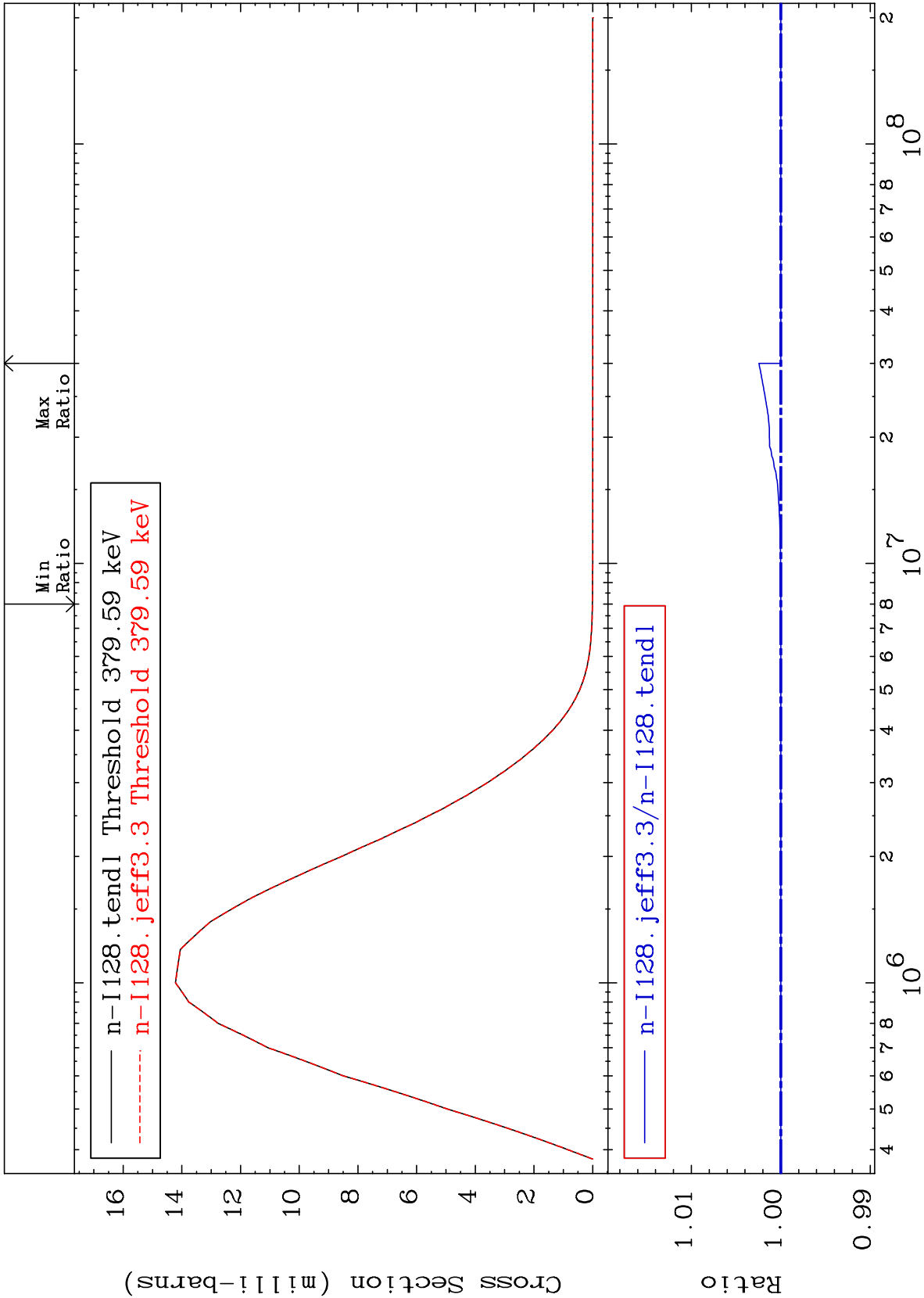
MT= 71 (n,n') Level

53-I -128

Cross Section

0.000

To 0.245 %



25

Incident Energy (eV)

53-I -128

MAT 5328

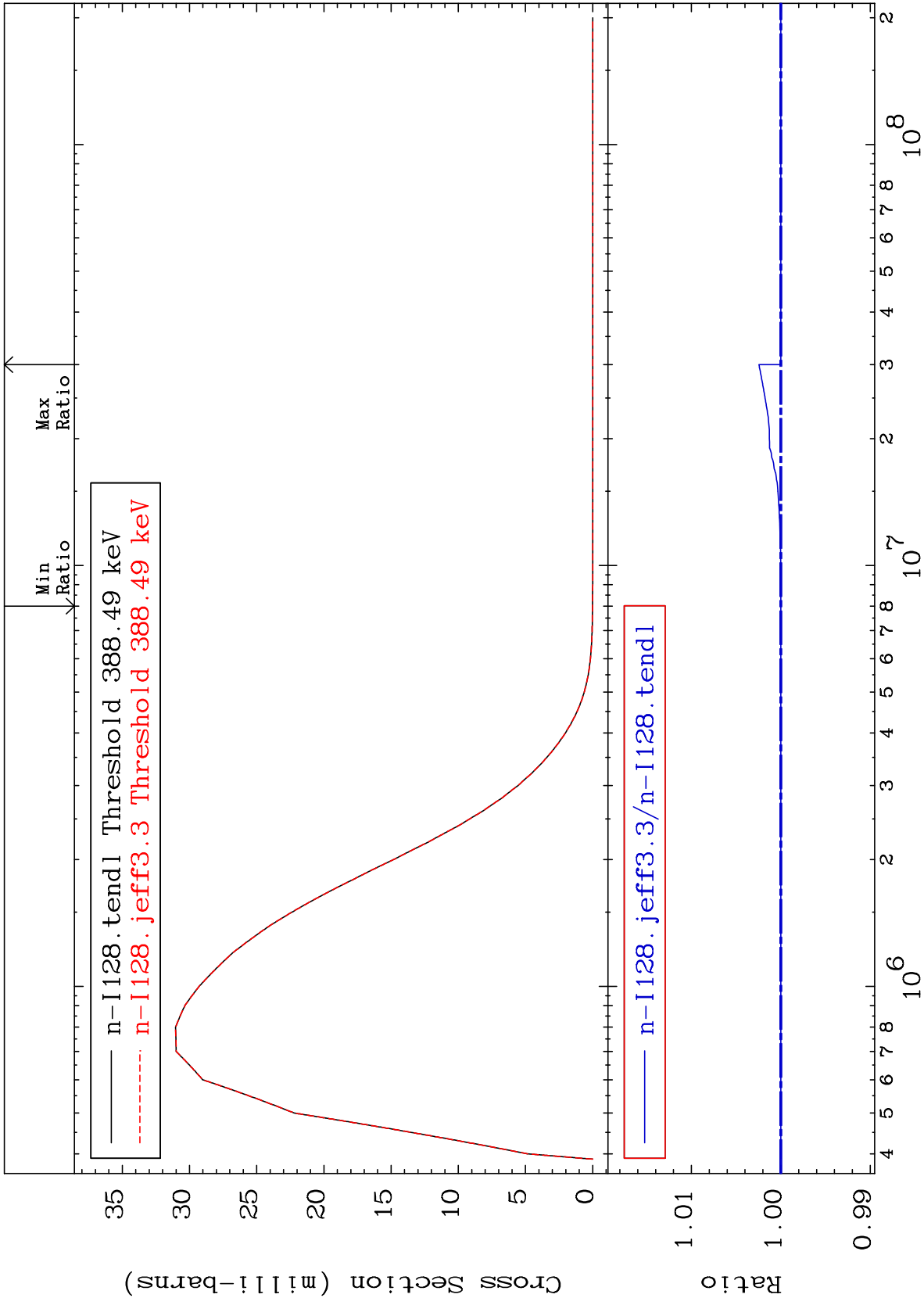
MT= 72 (n,n') Level

53-I -128

Cross Section

0.000

To 0.245 %



26

Incident Energy (eV)

53-I -128

MAT 5328

MT=74 (n,n') Level

53-I -128

Cross Section

0.000

To 0.245 %

Mi

Min

Max

Max

35	n-I128.tendl	Threshold	395.09 keV
33			

----- n-I128.jeff3.3 Threshold 395.09 keV

—— [n-I128.jeff3.3/n-I128.tendl](#)

22

Incident Energy (eV)

53-I -128

MAT 5328

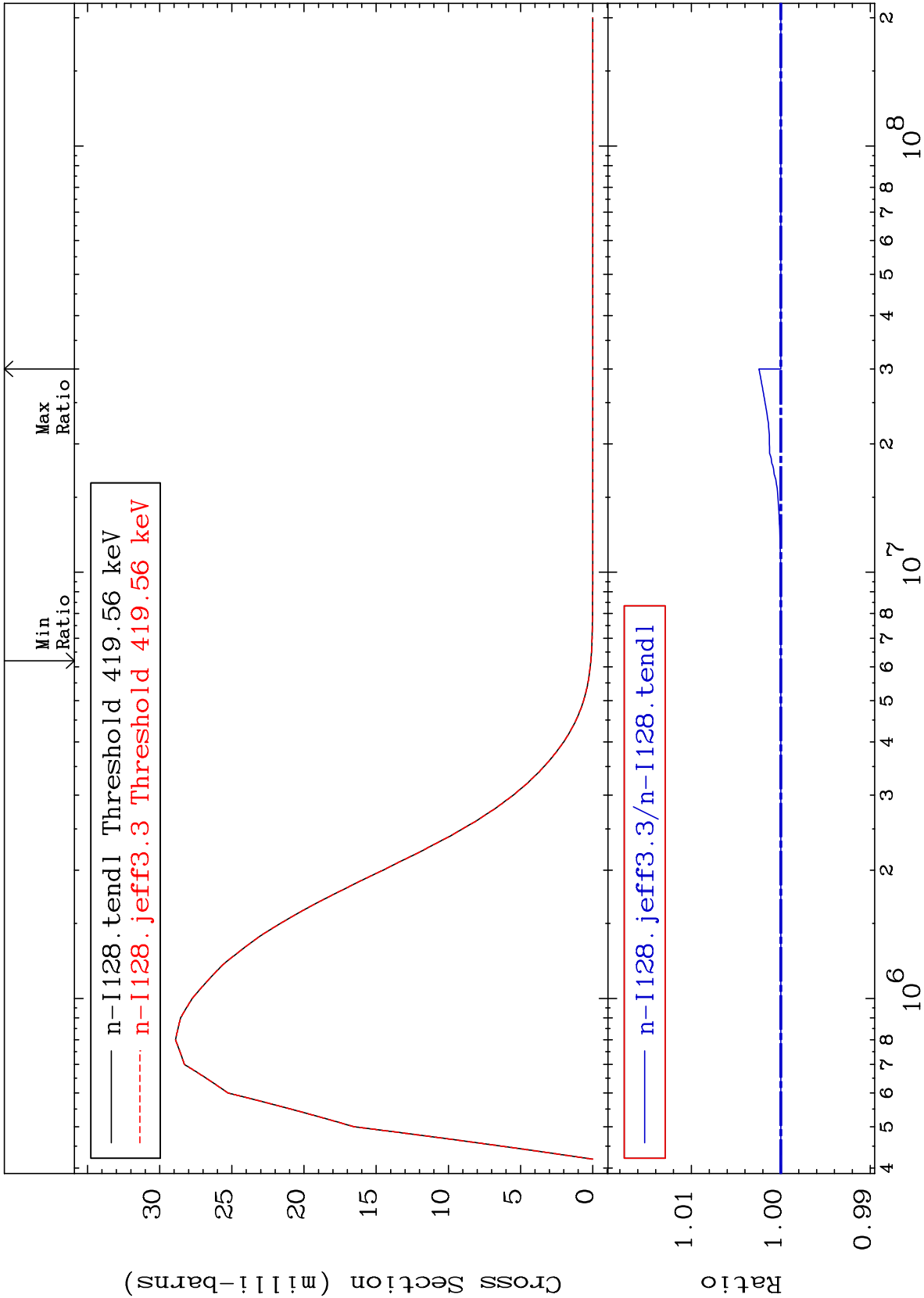
MT= 75 (n,n') Level

53-I -128

Cross Section

0.000

To 0.245 %



28

Incident Energy (eV)

53-I -128

MAT 5328

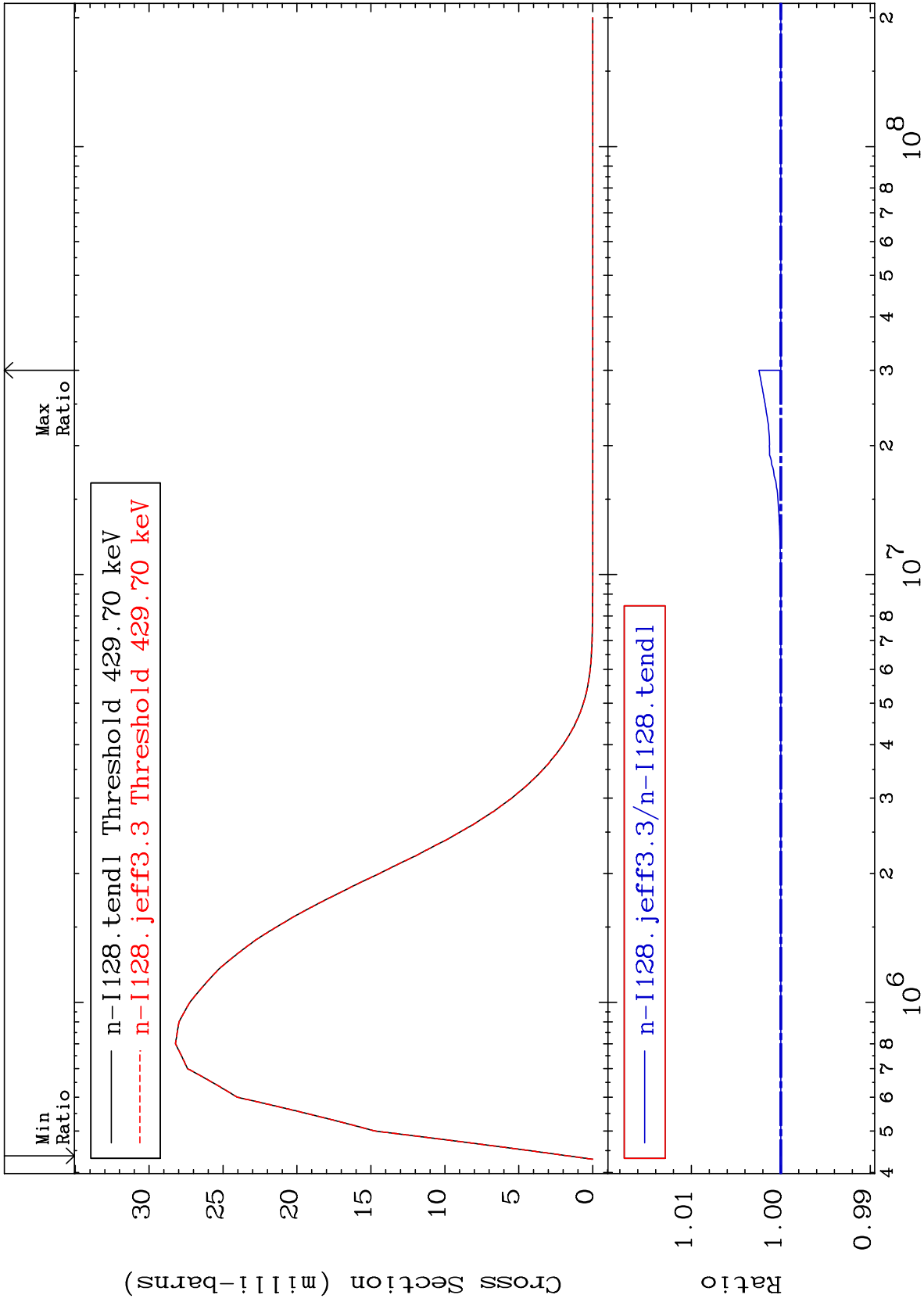
MT= 76 (n,n') Level

53-I -128

Cross Section

0.000

To 0.245 %



29

Incident Energy (eV)

53-I -128

MAT 5328

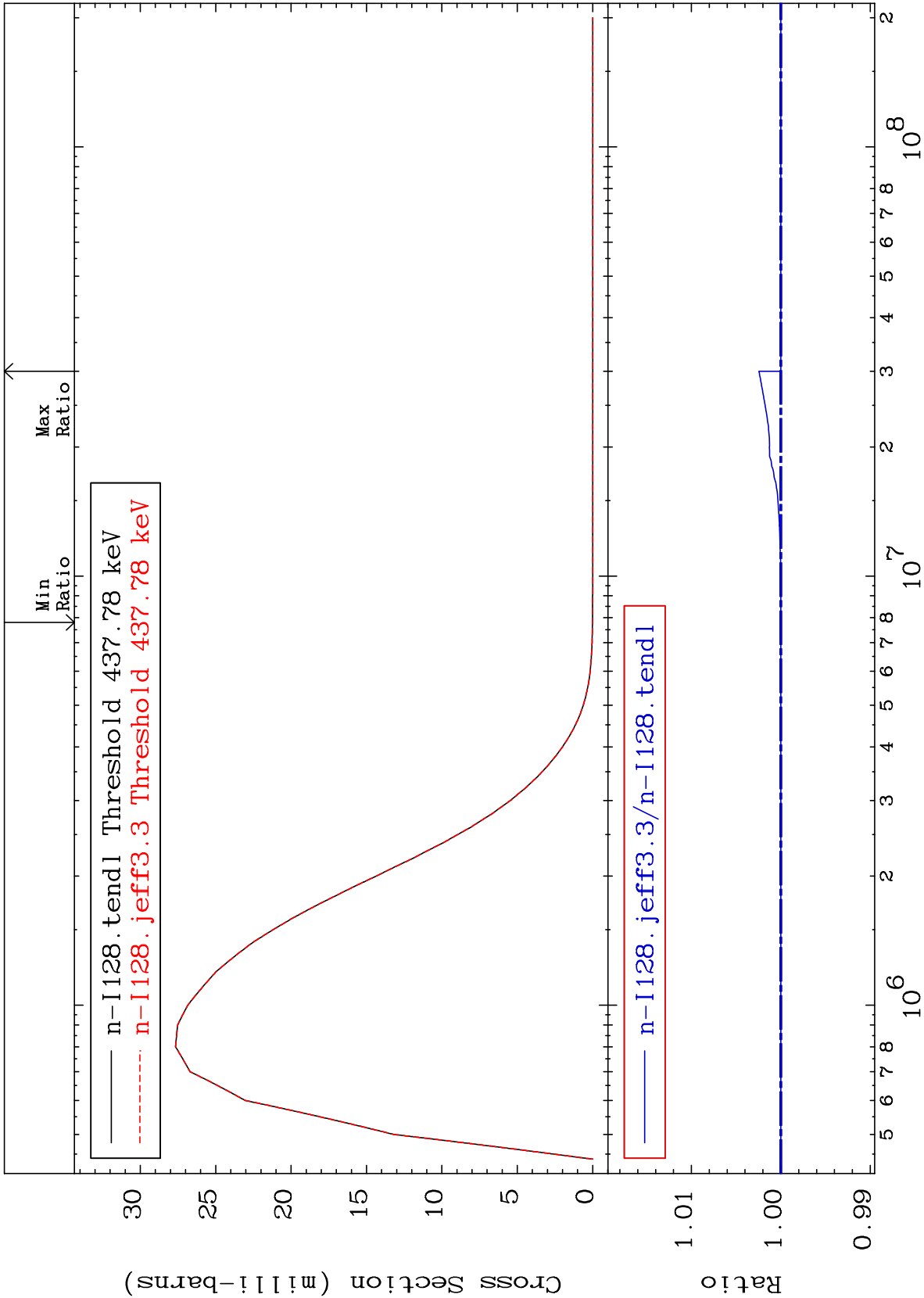
MT= 77 (n,n') Level

53-I -128

Cross Section

0.000

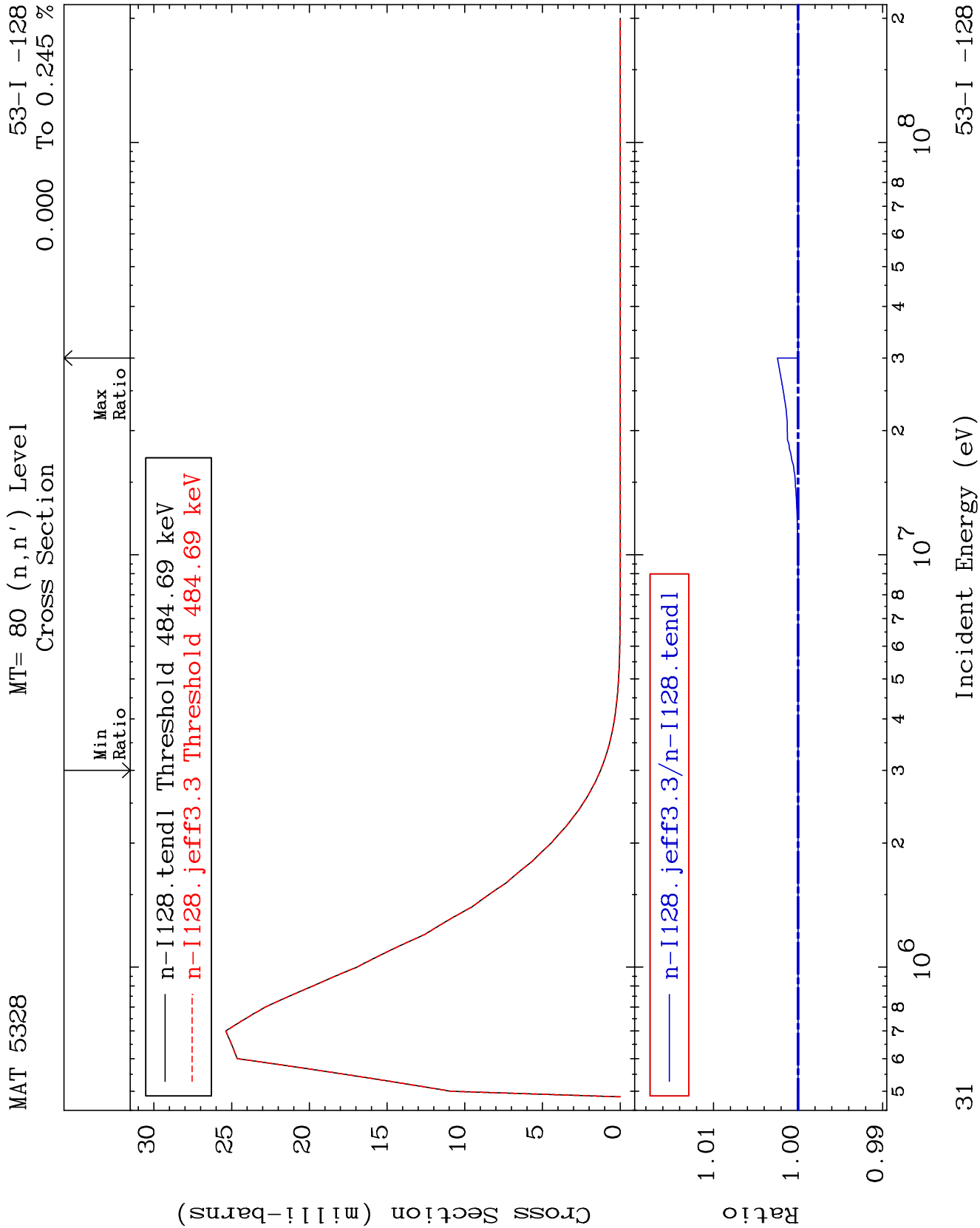
To 0.245 %

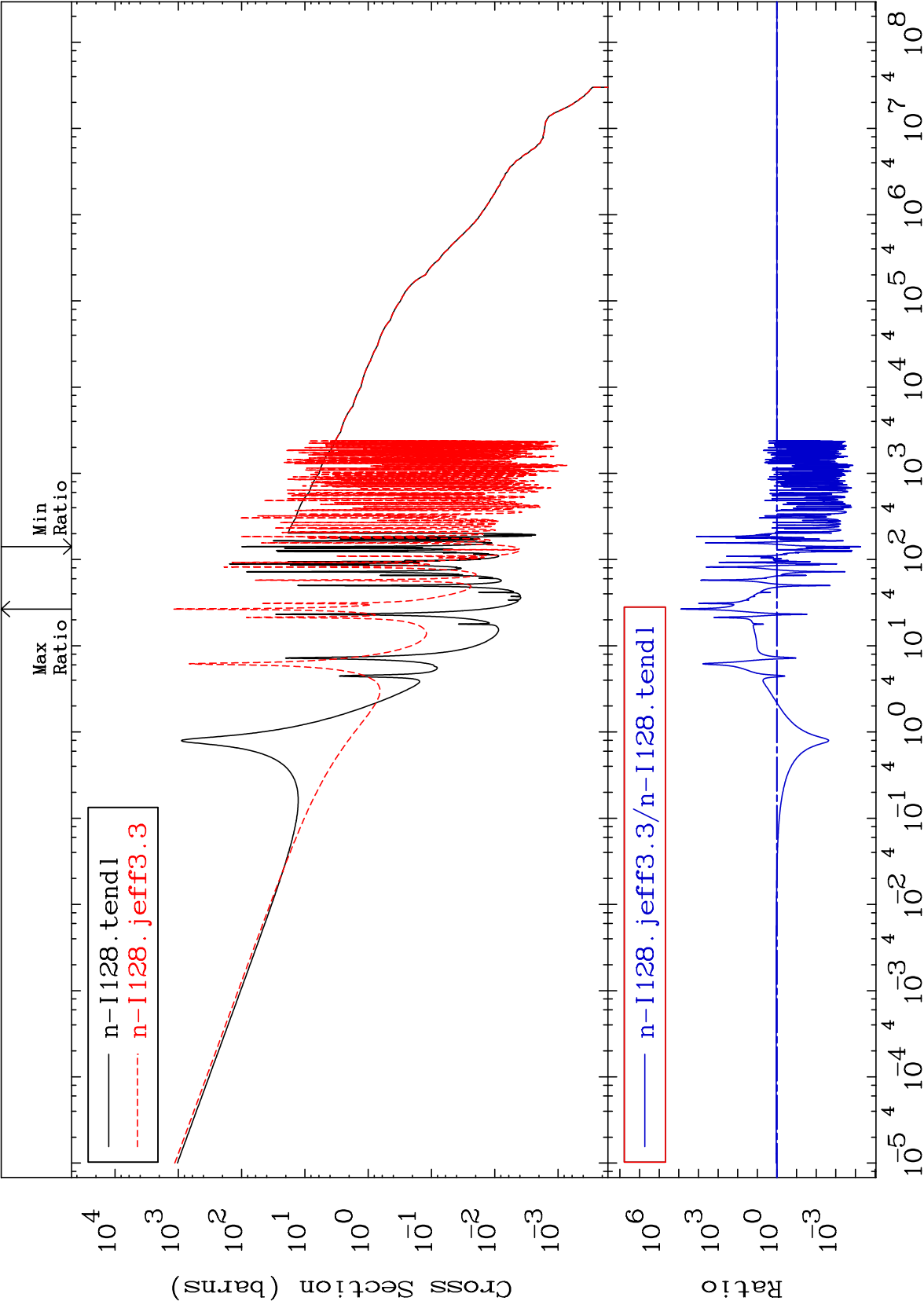


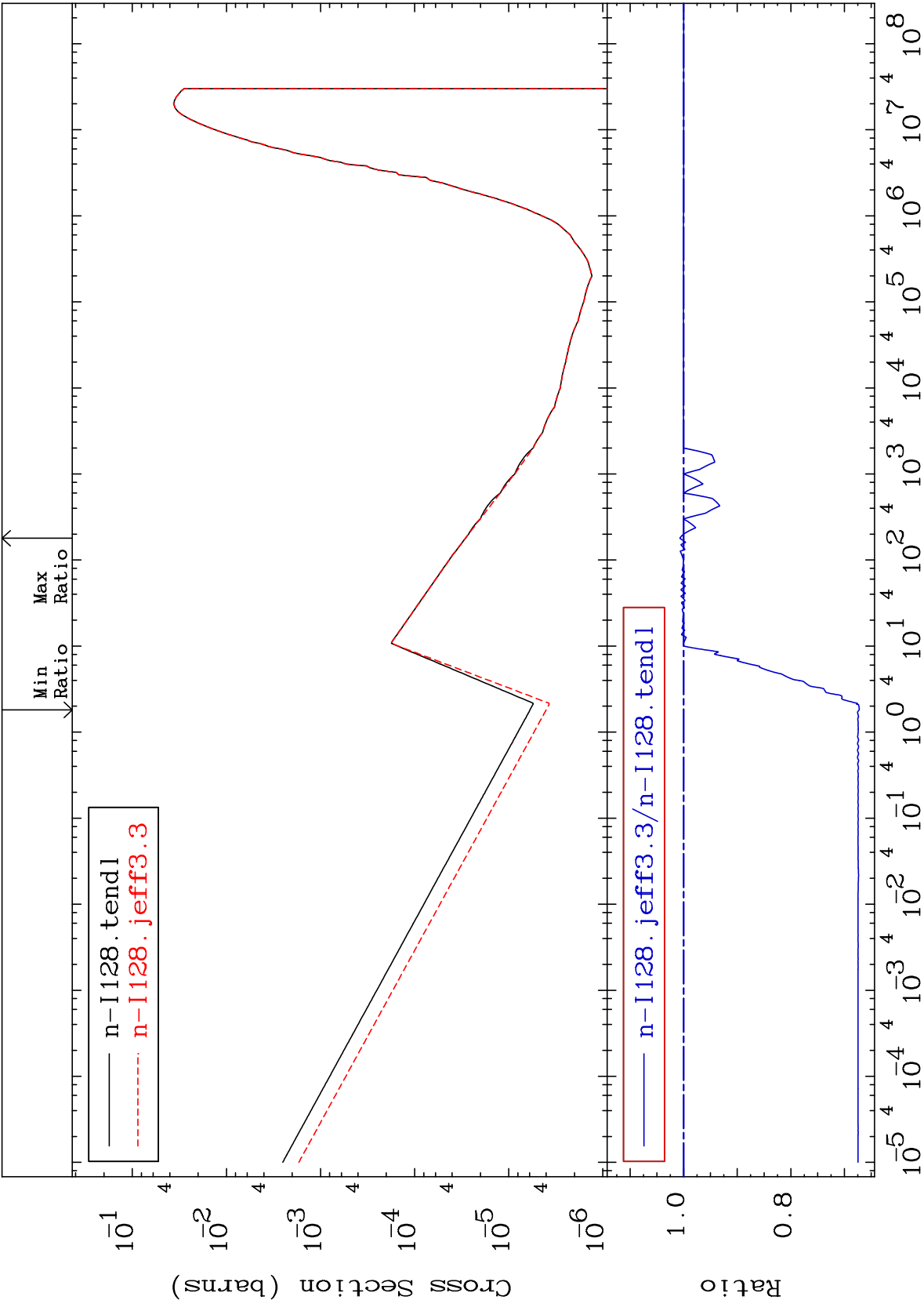
30

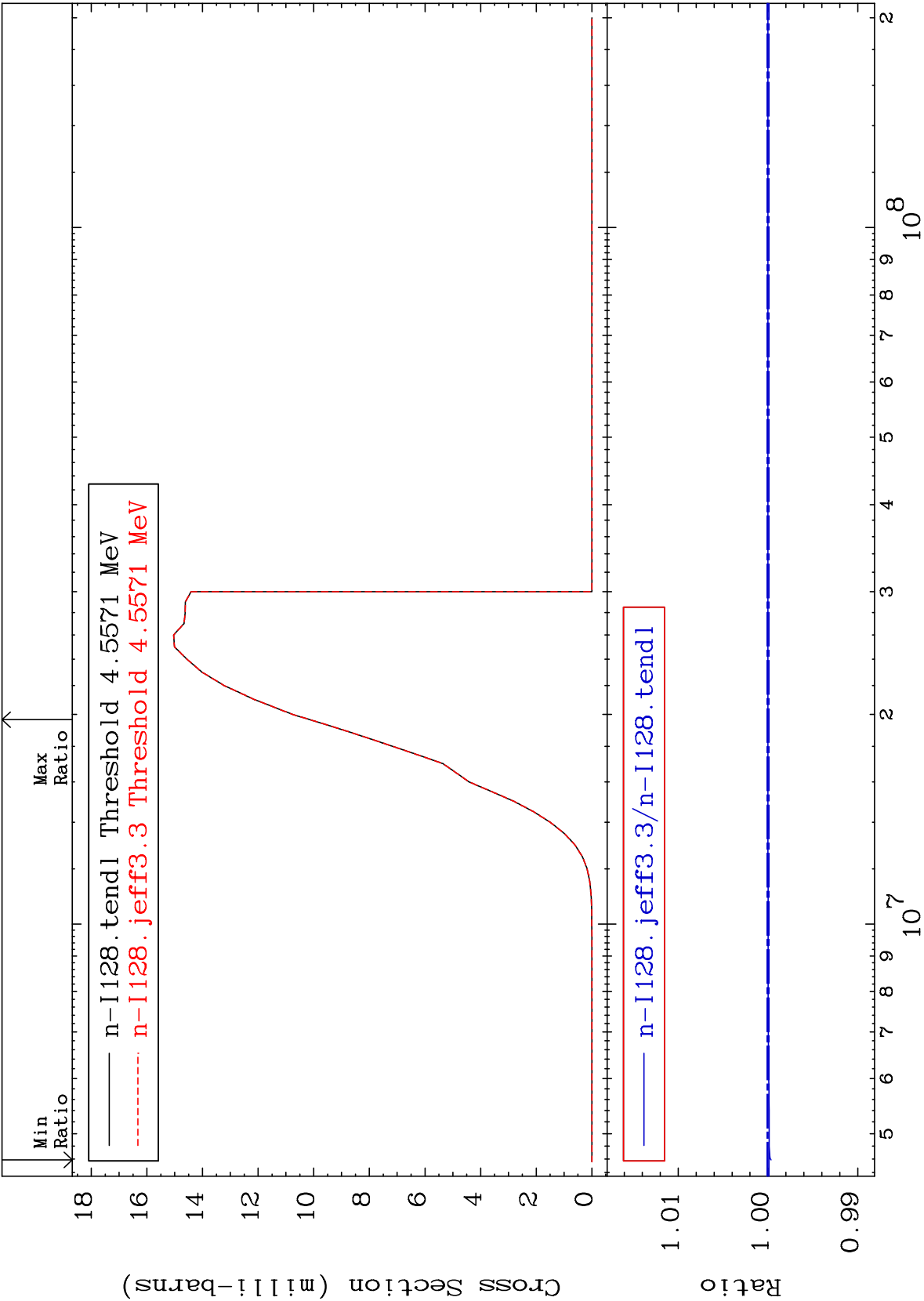
Incident Energy (eV)

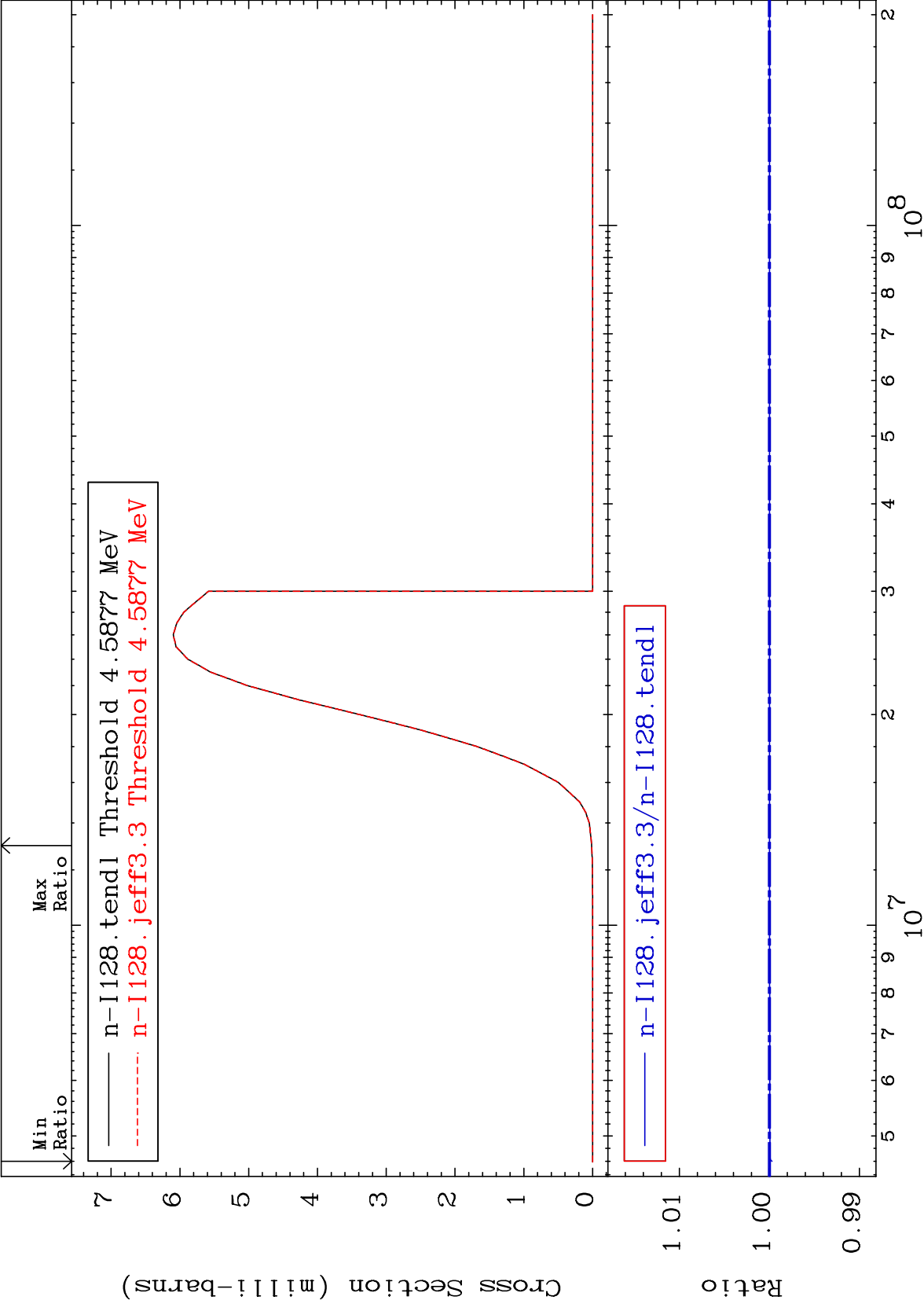
53-I -128









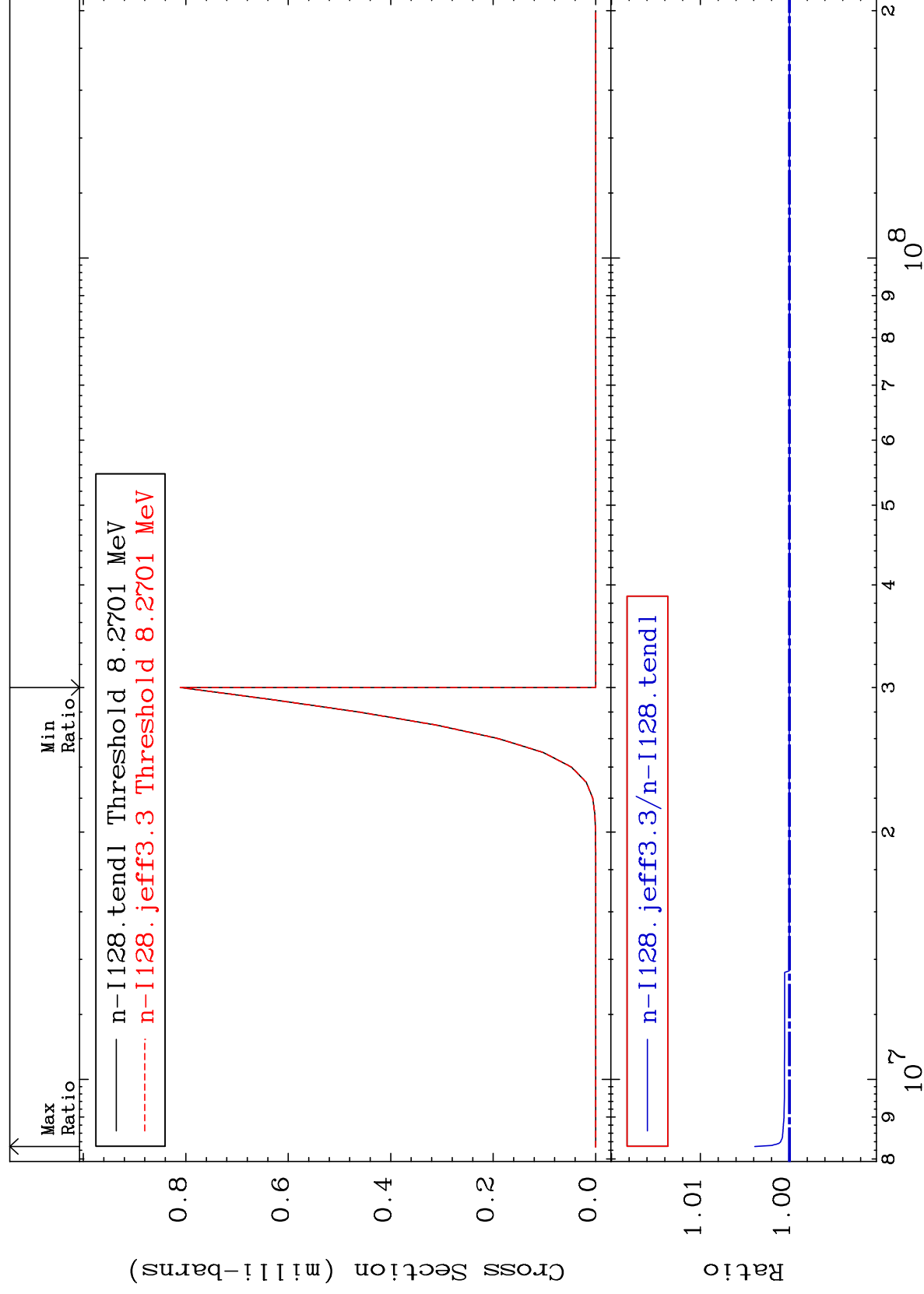


MAT 5328

 $(n, \text{He-3})$

Cross Section

53-I -128
0.000 To 0.389 %



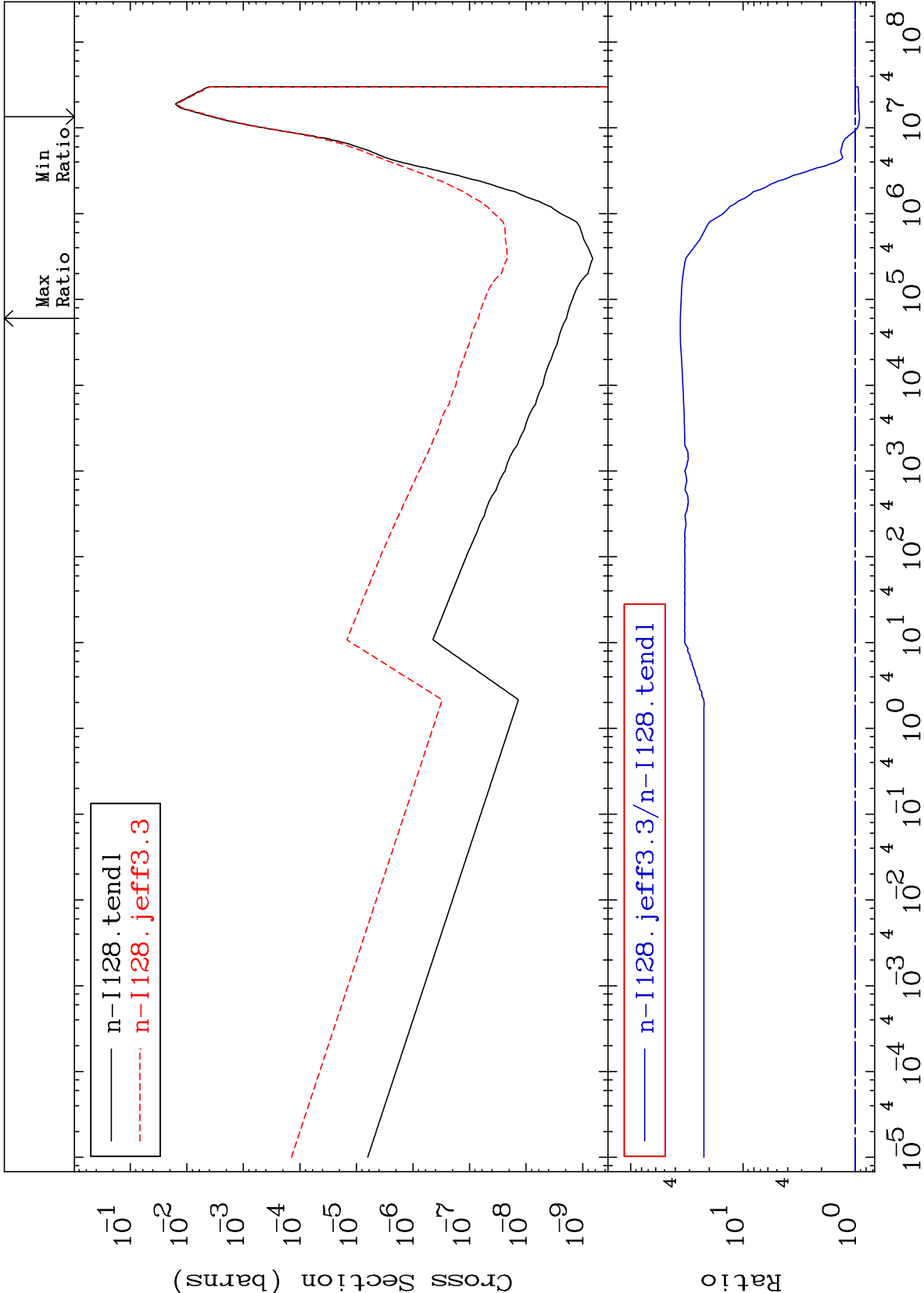
36

Incident Energy (eV)

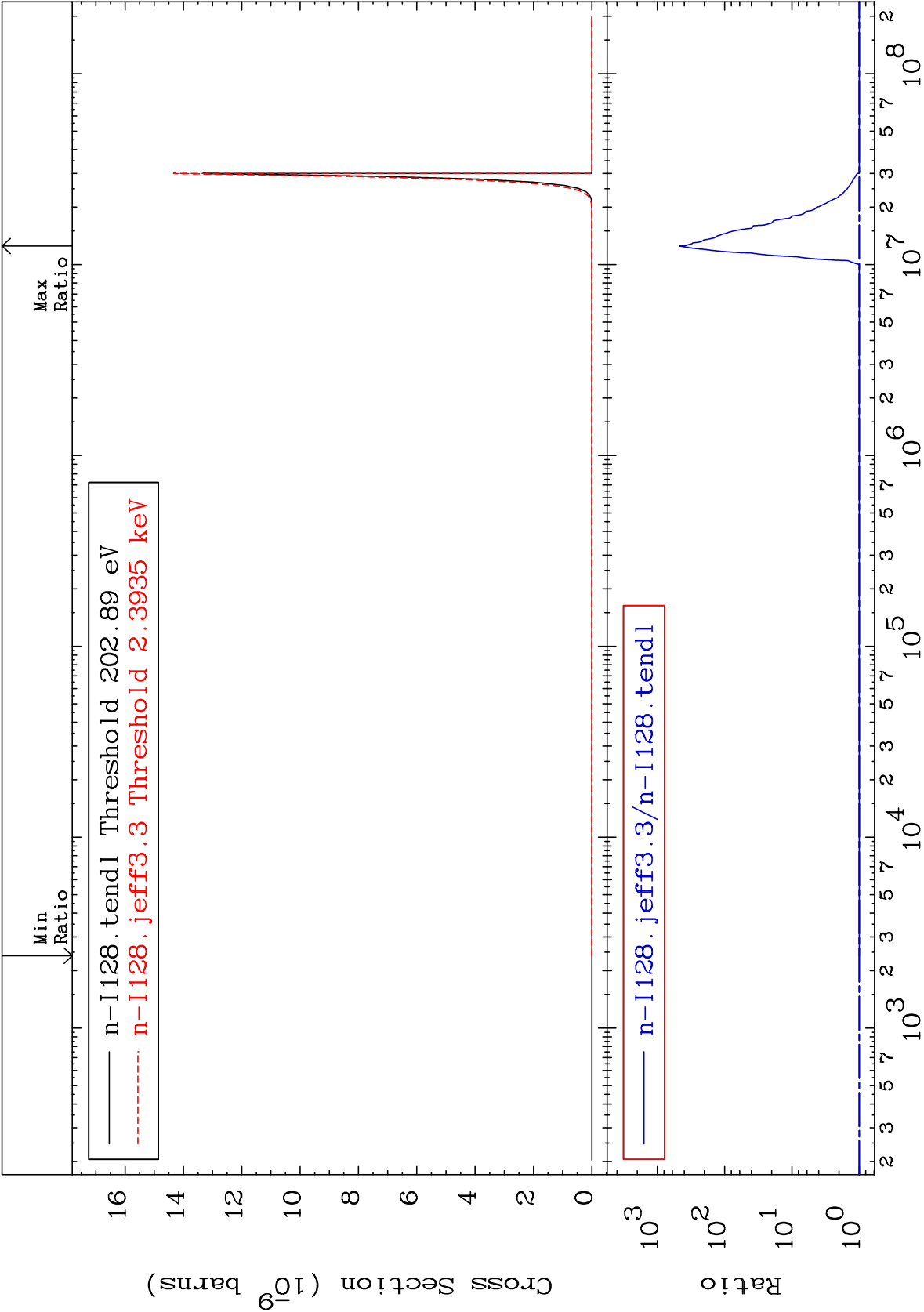
53-I -128

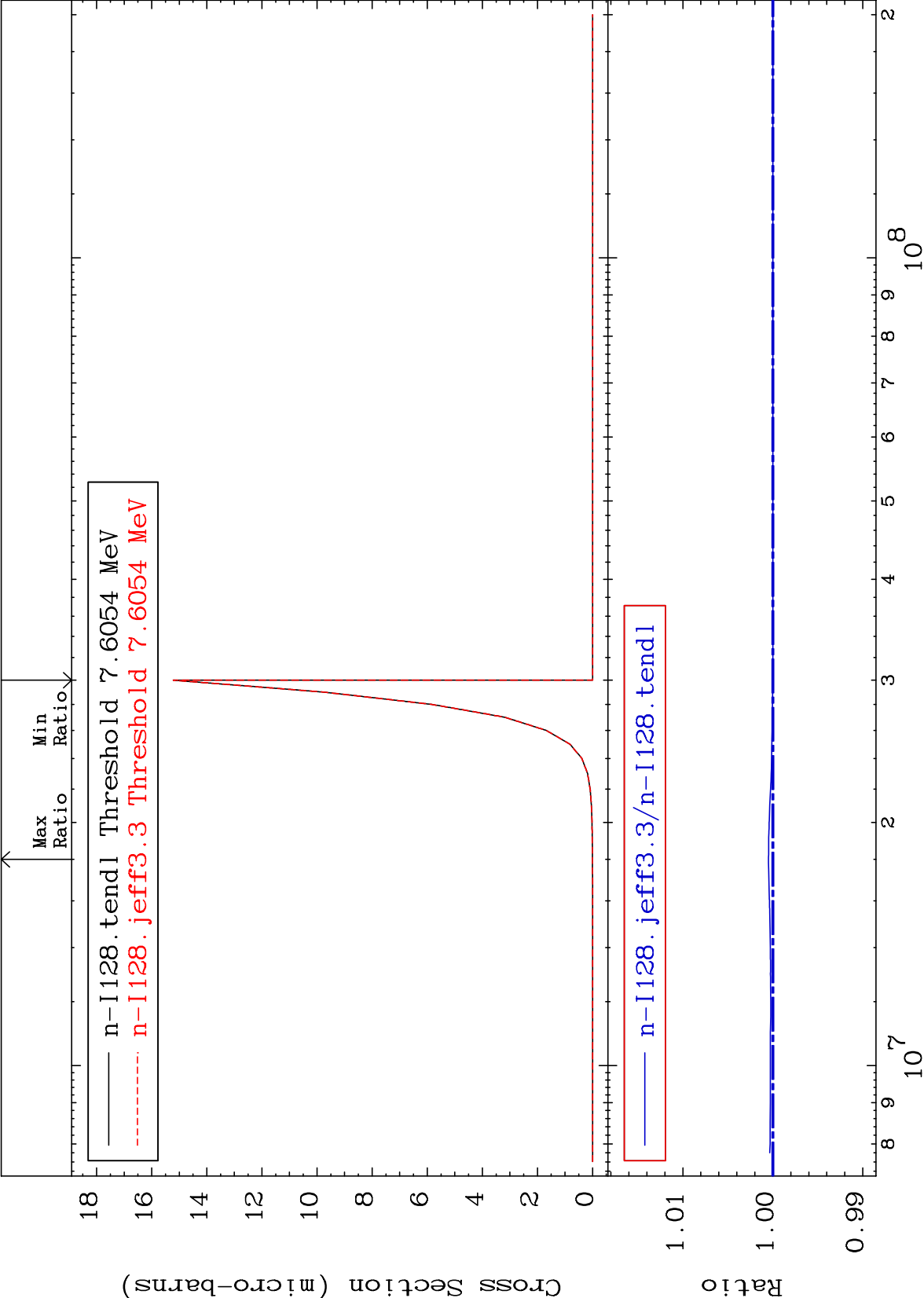
Cross Section

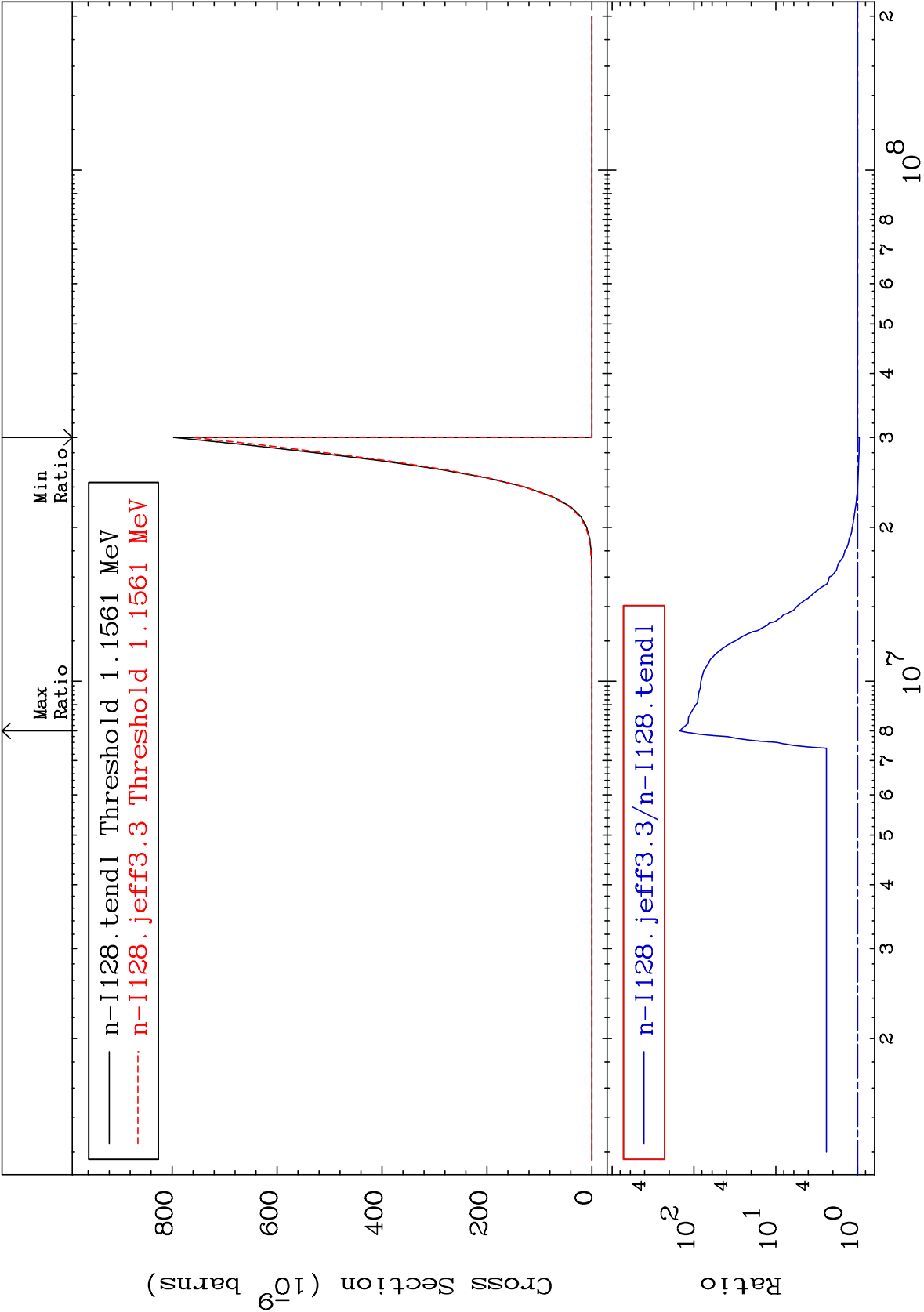
-8.103 To 3514. %

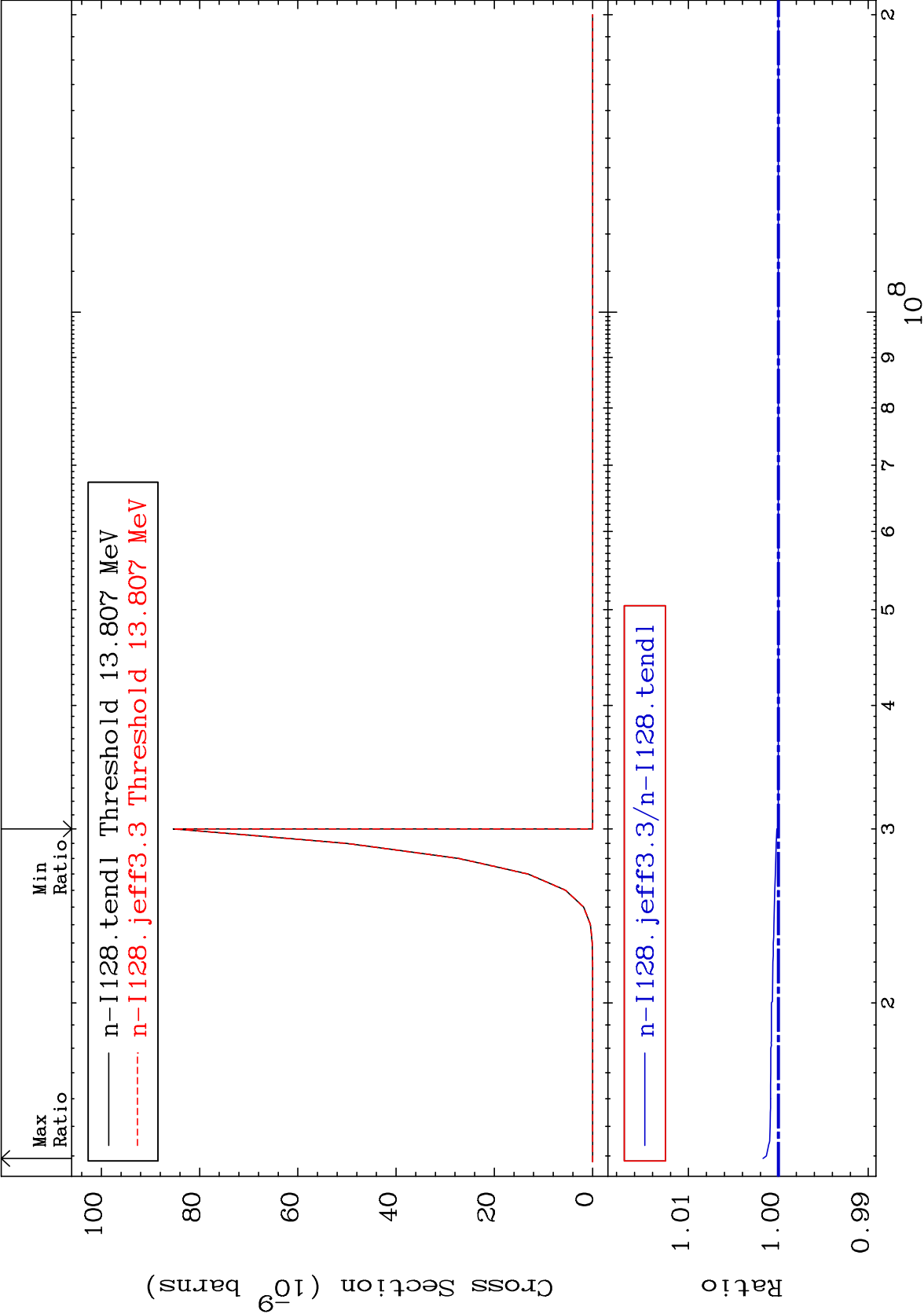


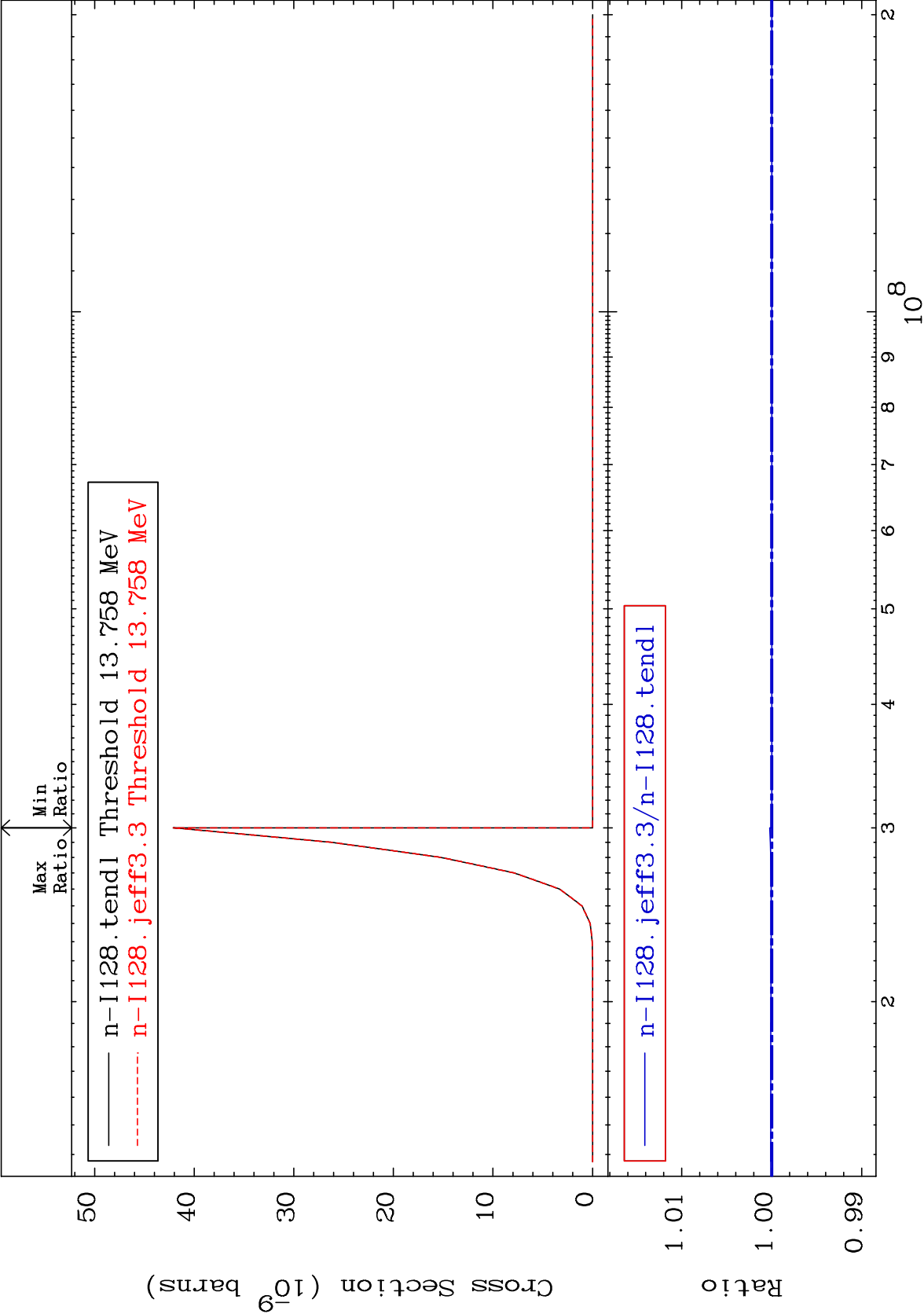
Incident Energy (eV)

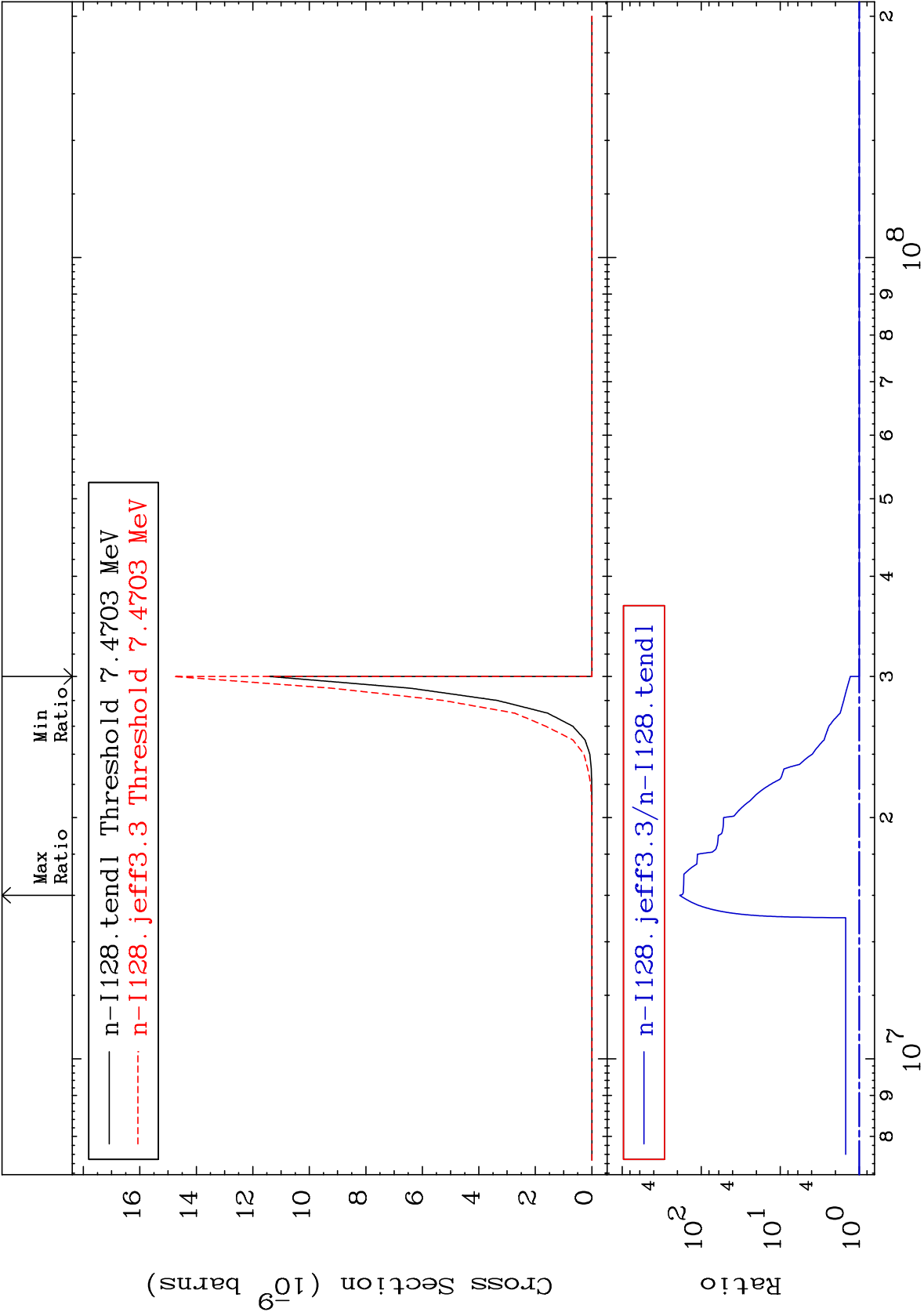


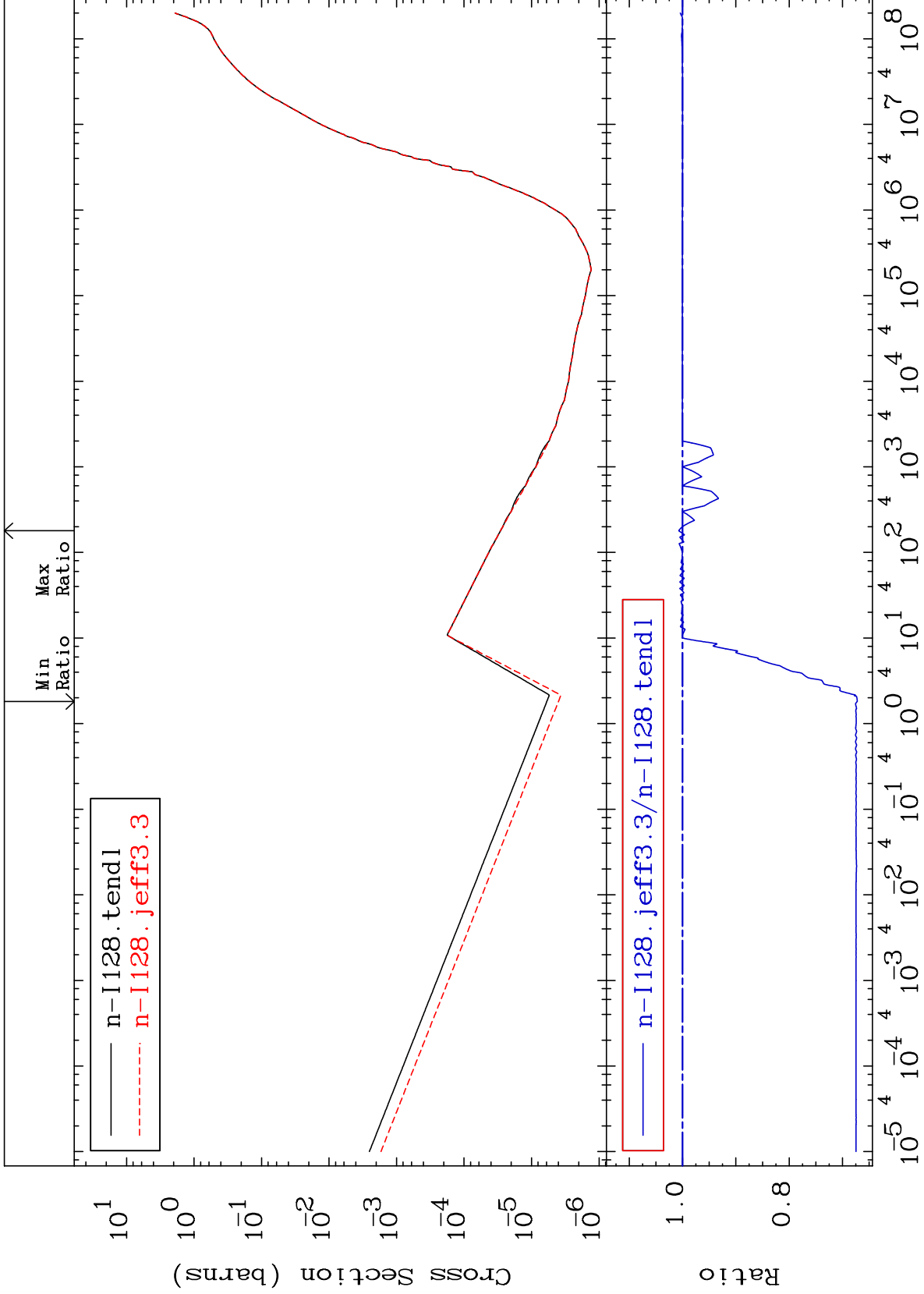


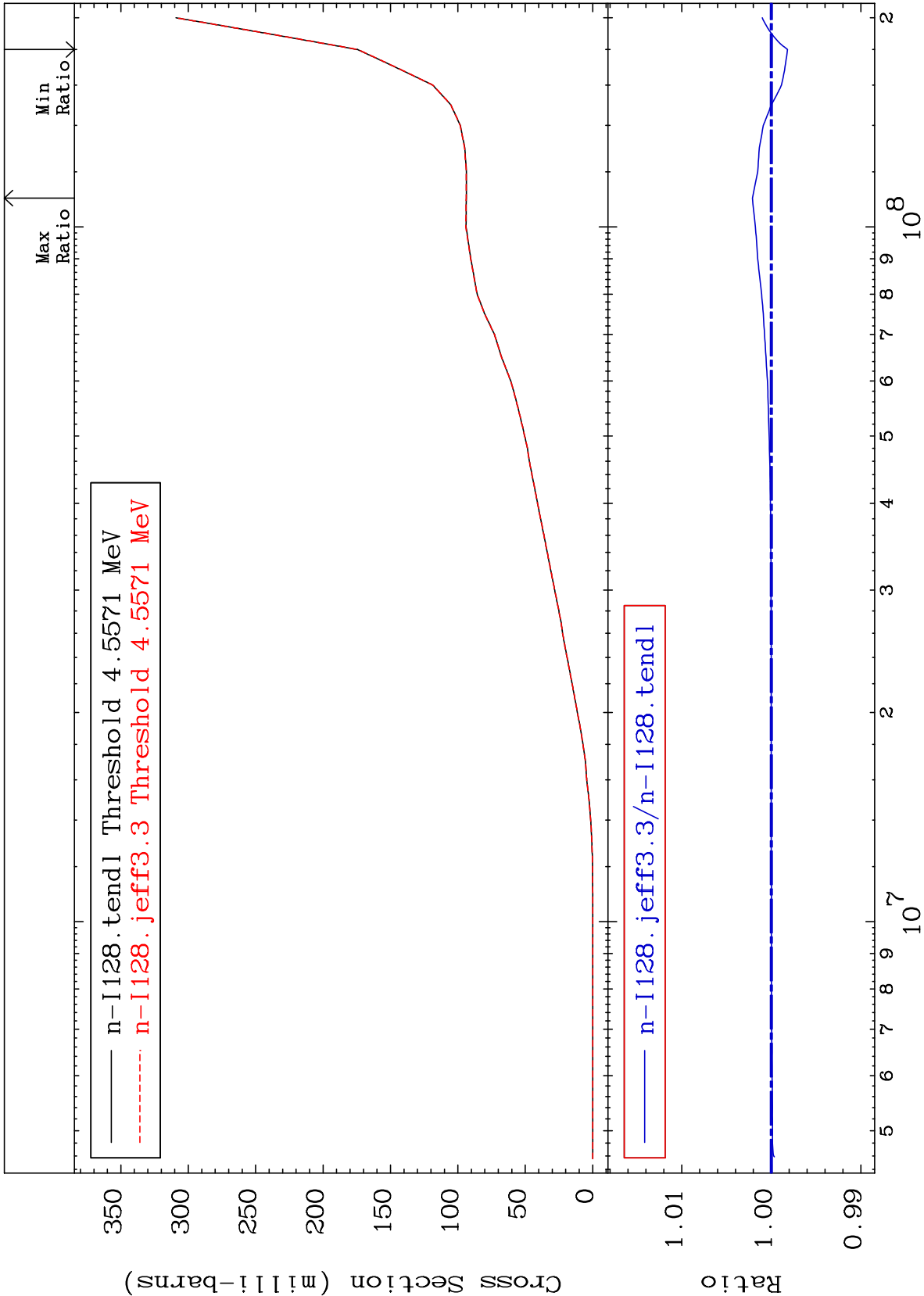








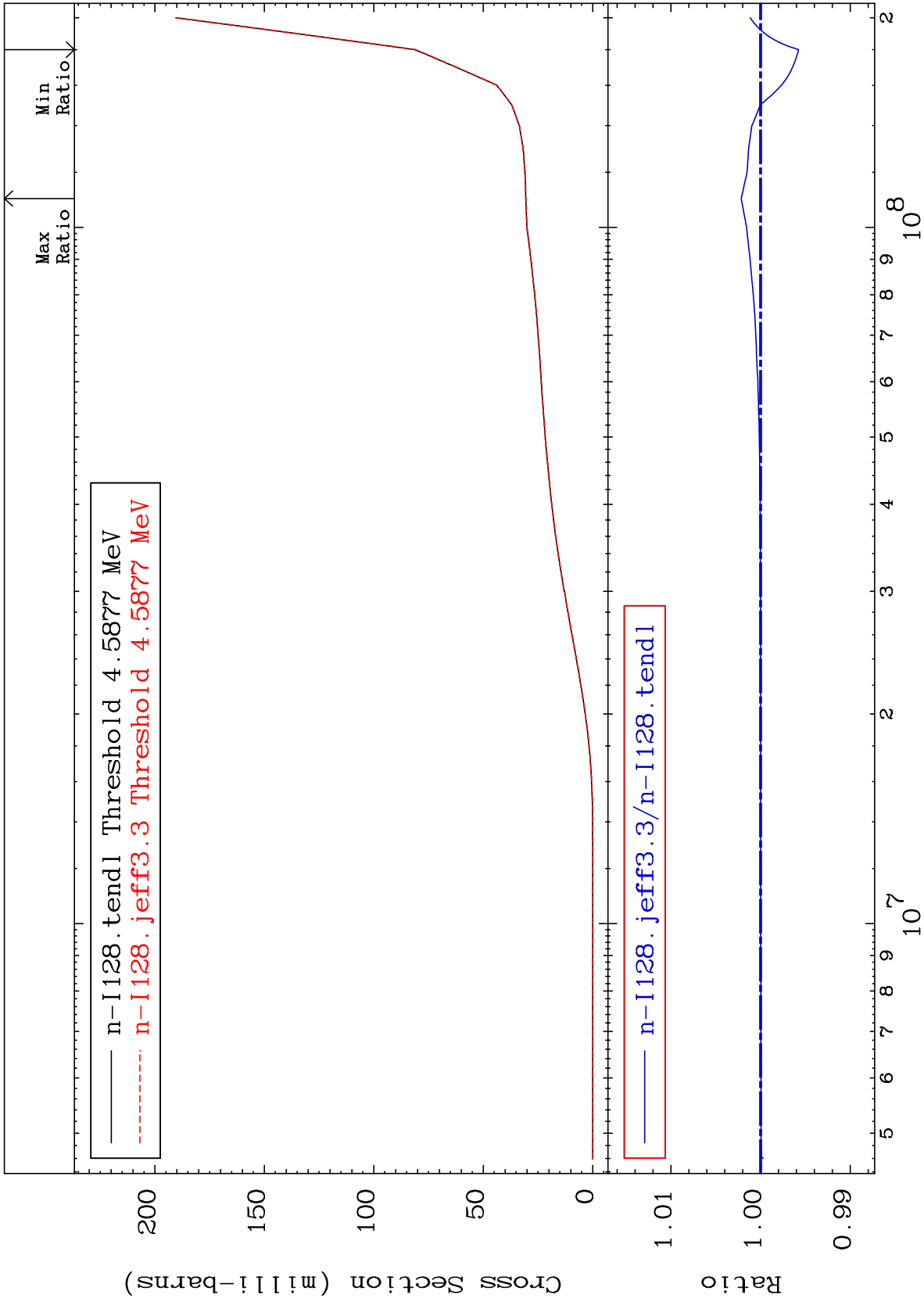




MAT 5328

Tritium Production
Cross Section

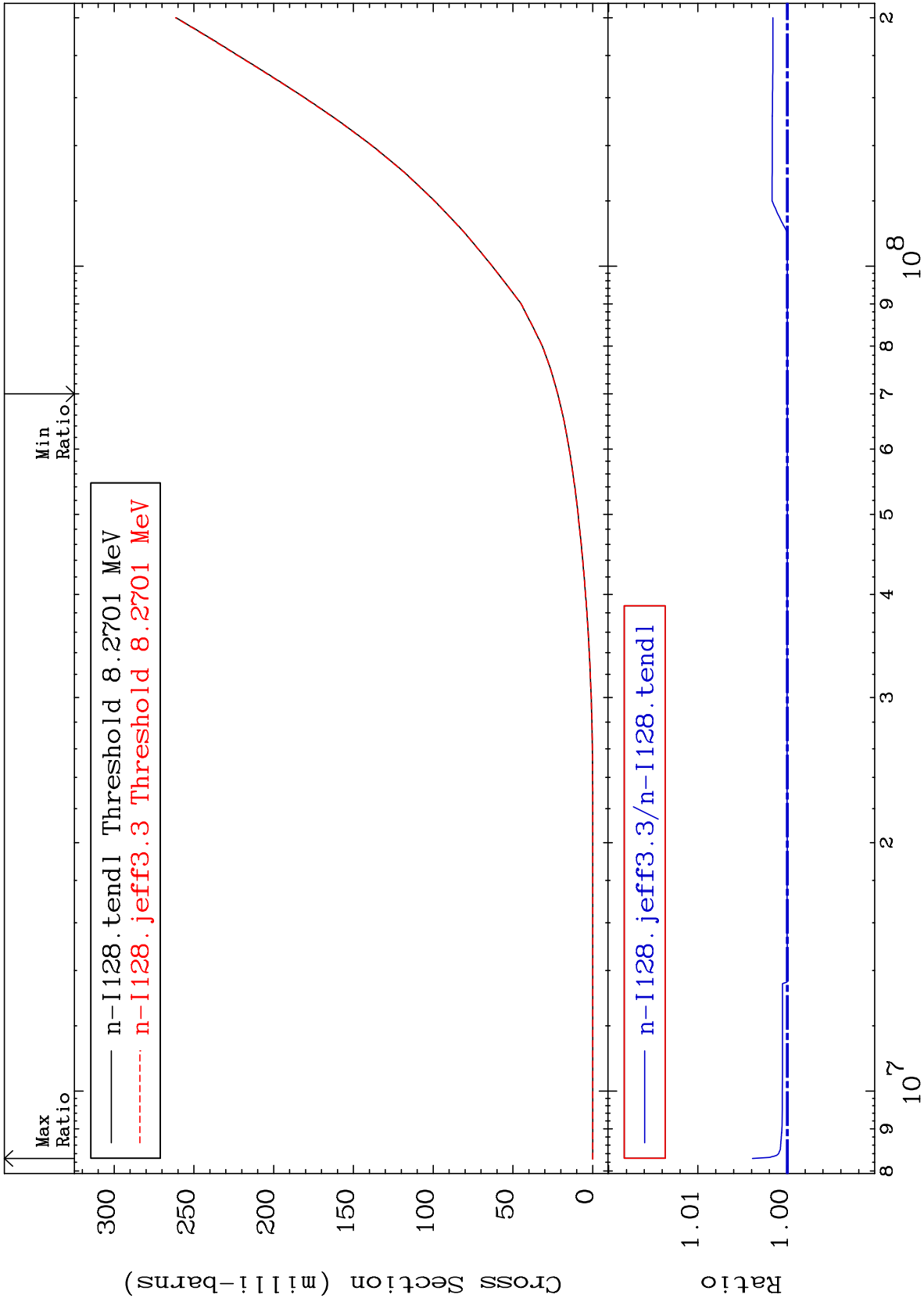
53-I -128
-0.424 To 0.217 %



MAT 5328

He-3 Production
Cross Section

53-I -128
0.000 To 0.389 %



47

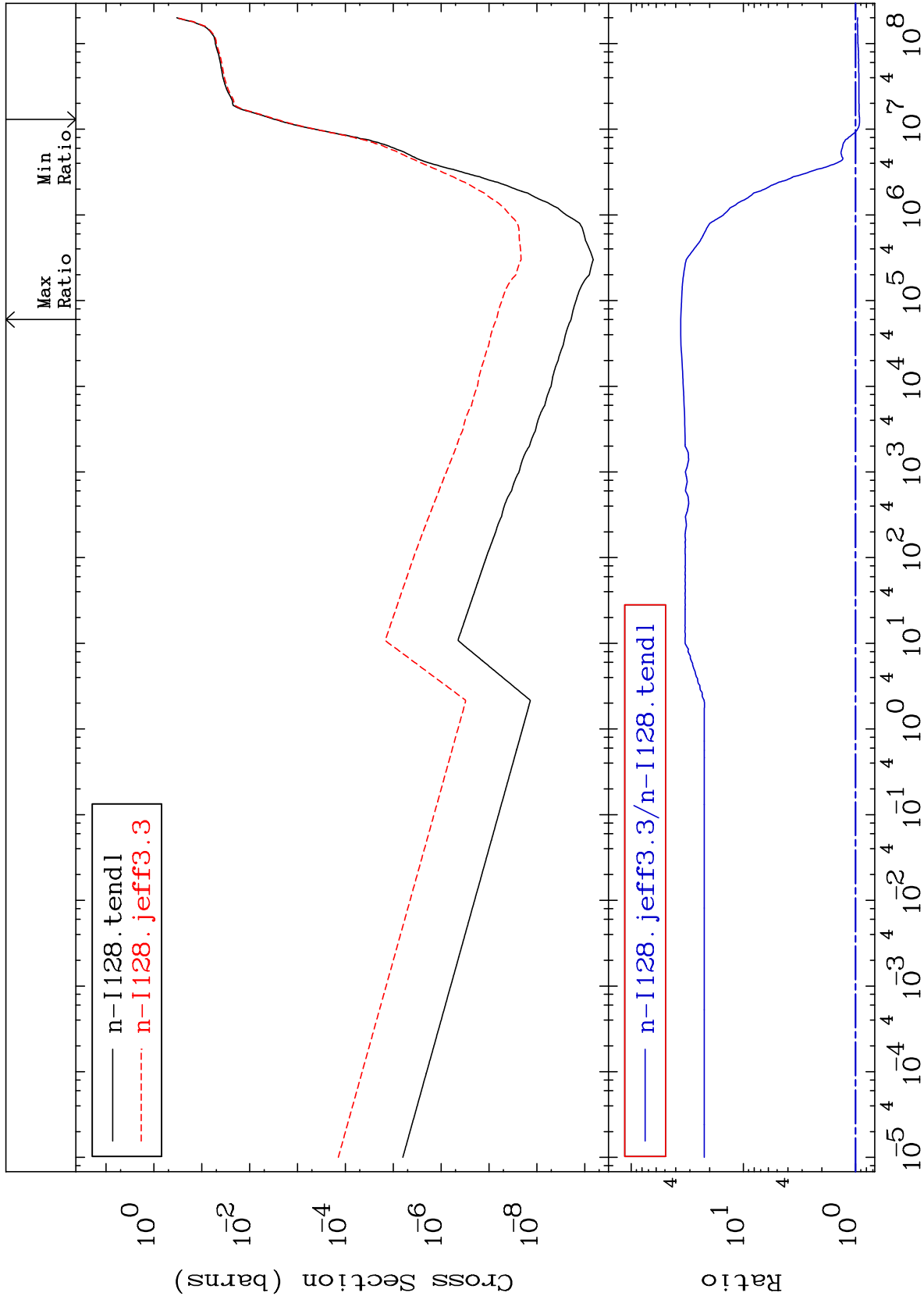
Incident Energy (eV)

53-I -128

MAT 5328

He-4 Production
Cross Section

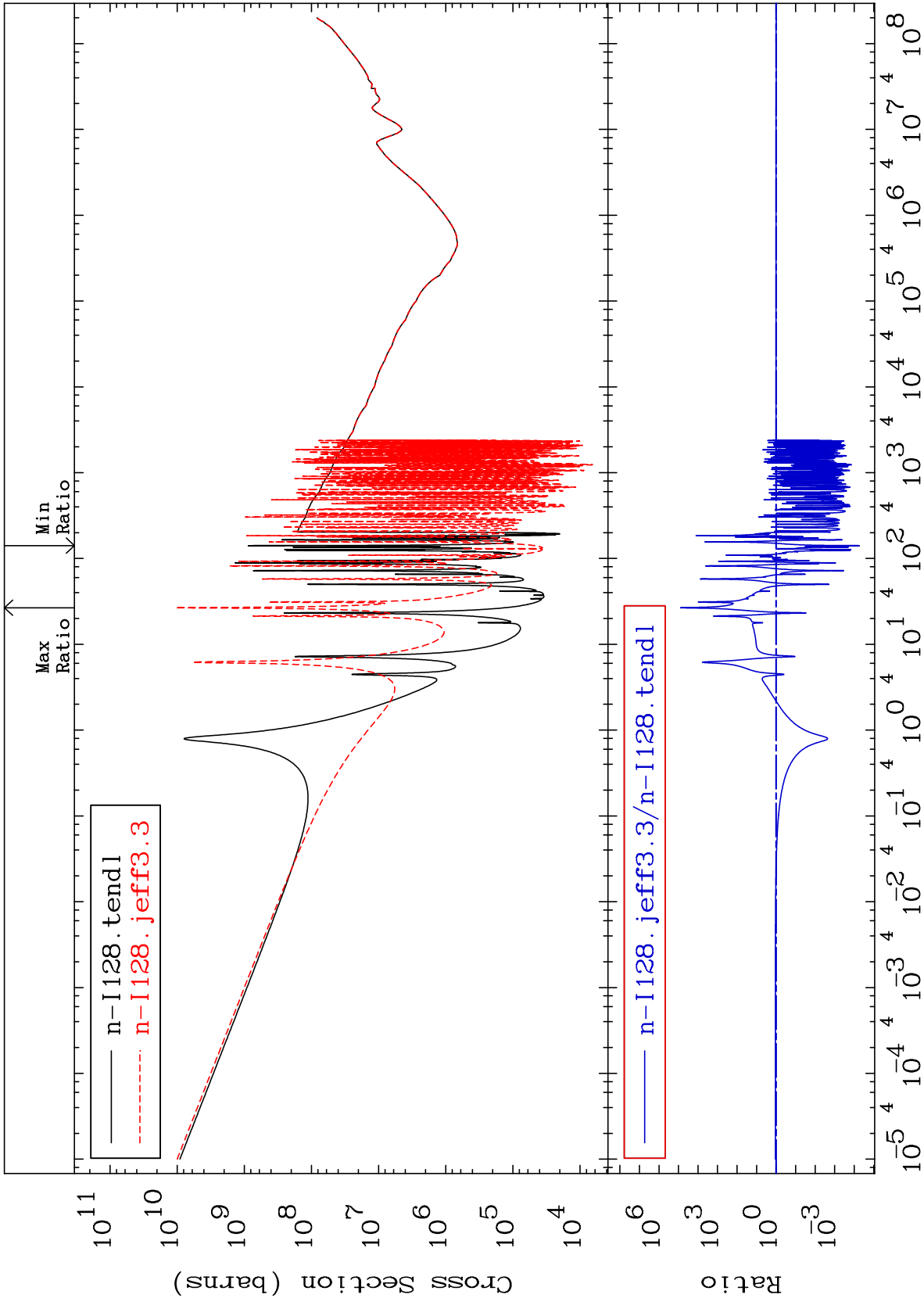
53-I -128
-7.805 To 3514. %

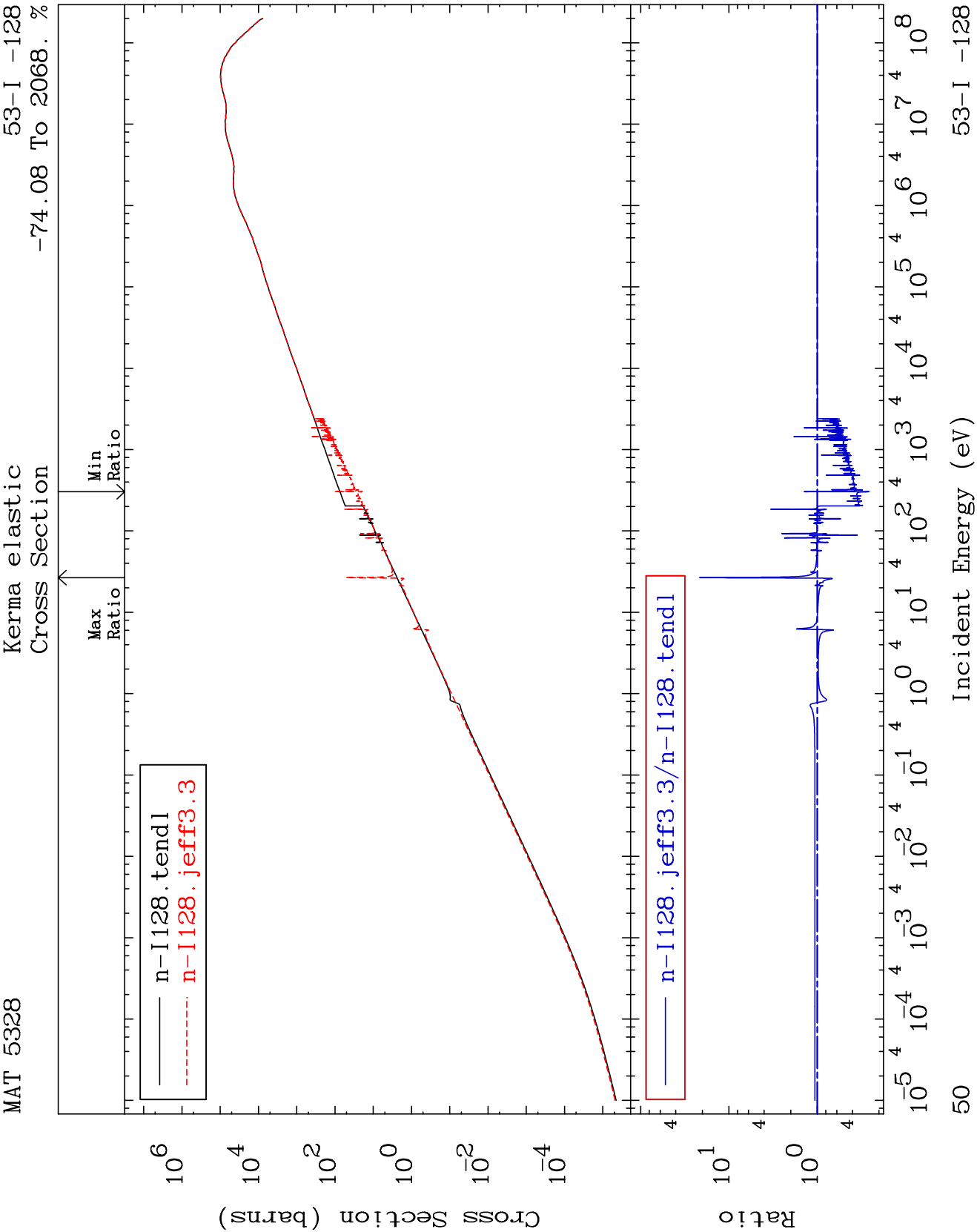


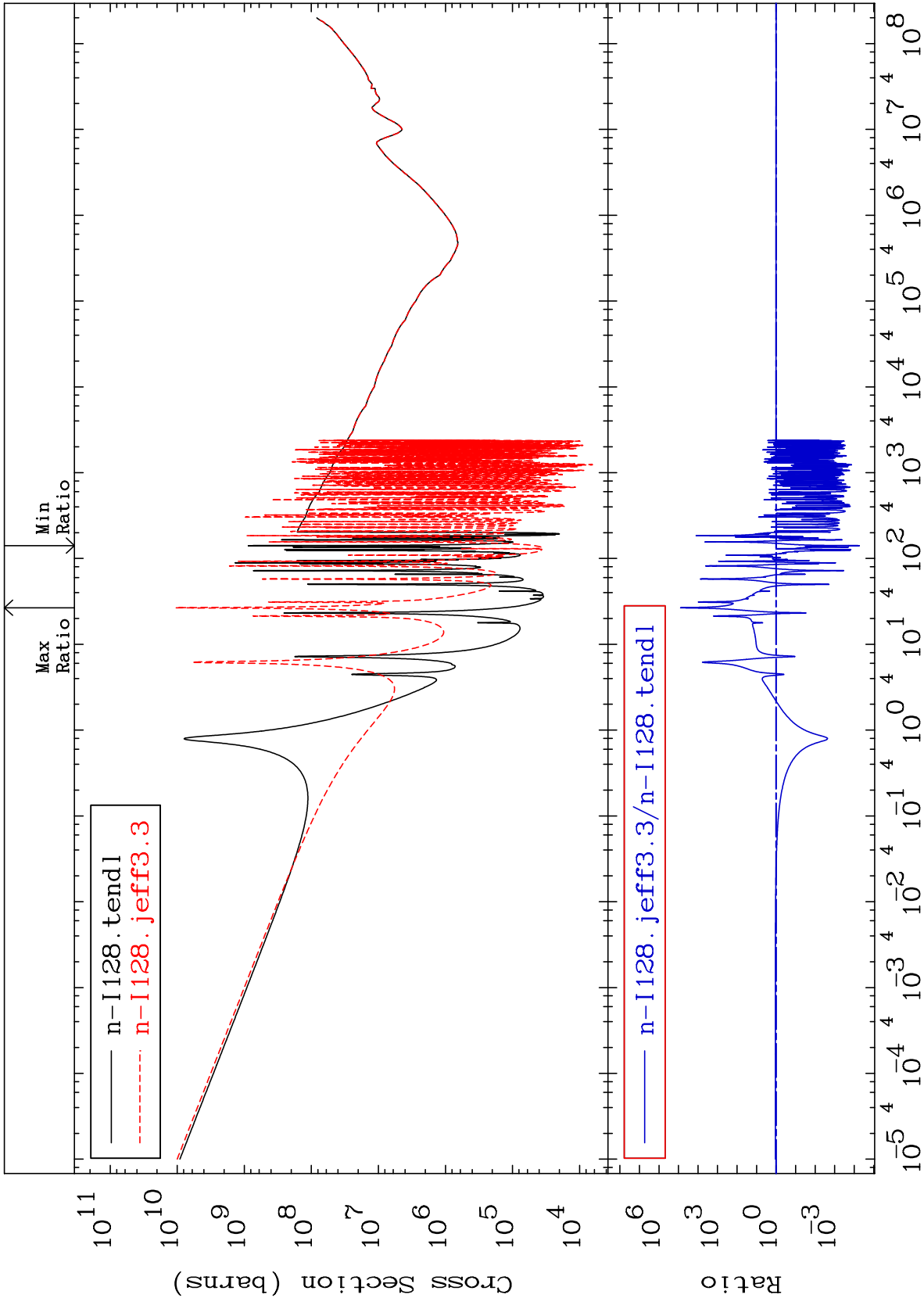
48

Incident Energy (eV)

53-I -128

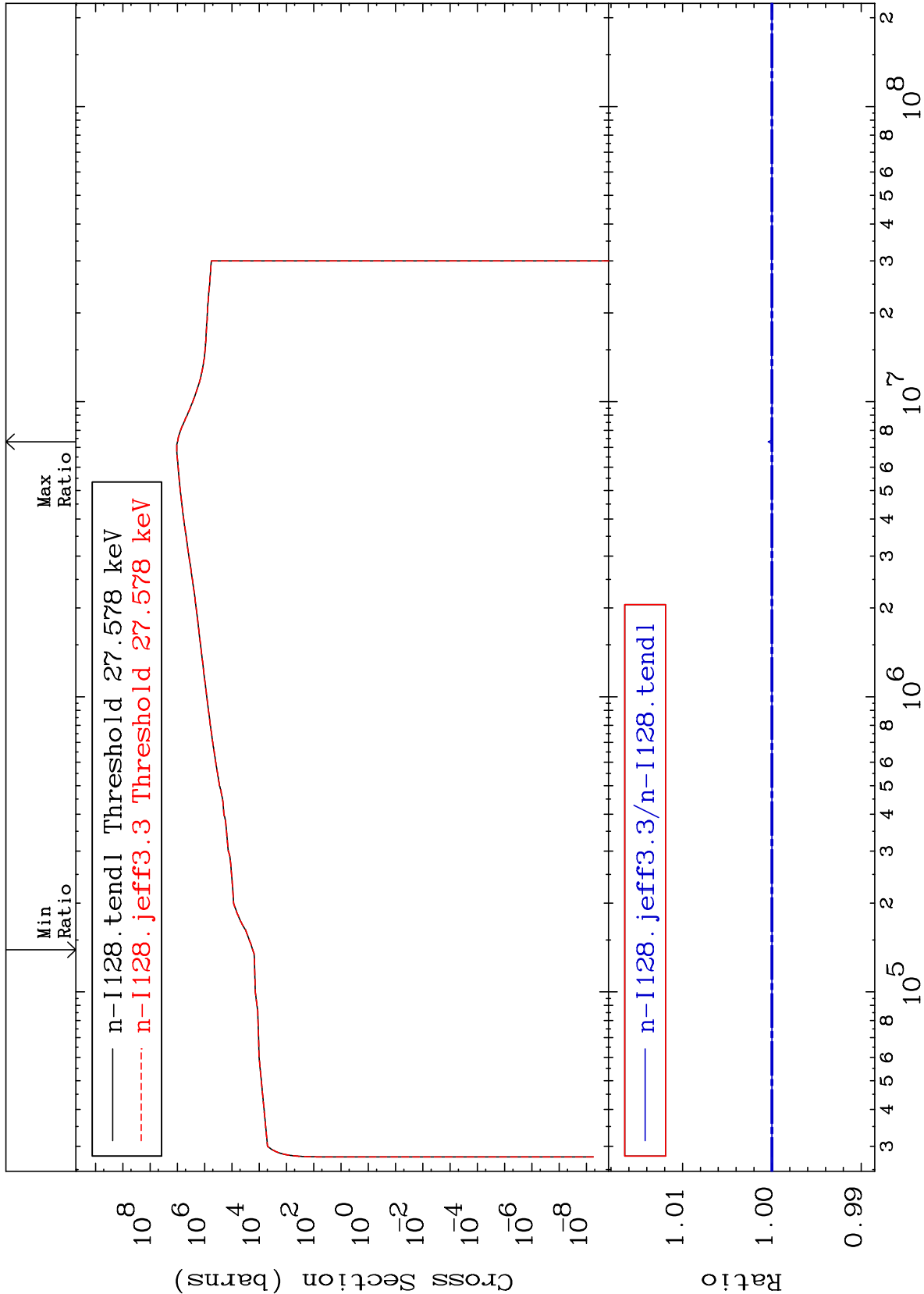


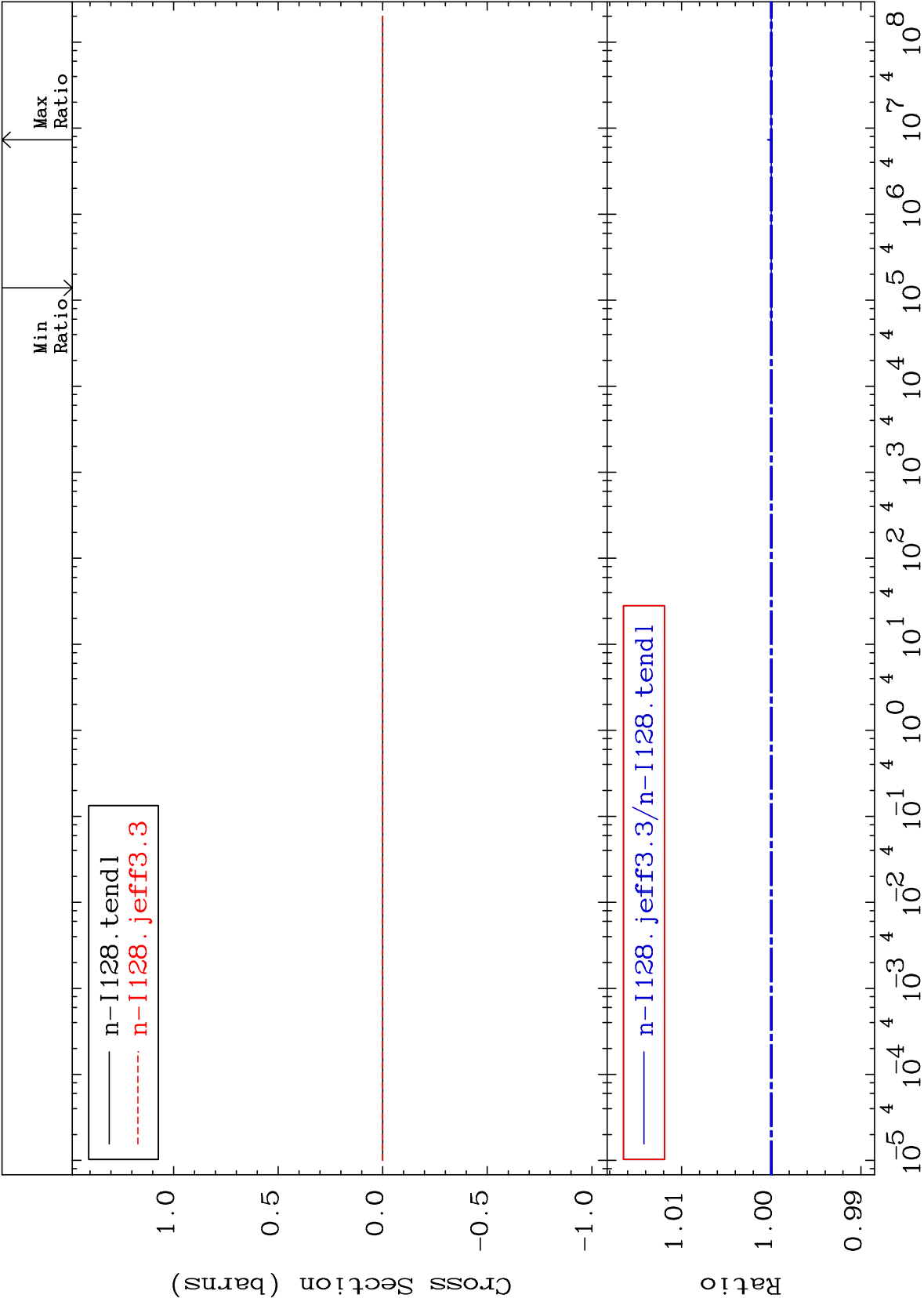


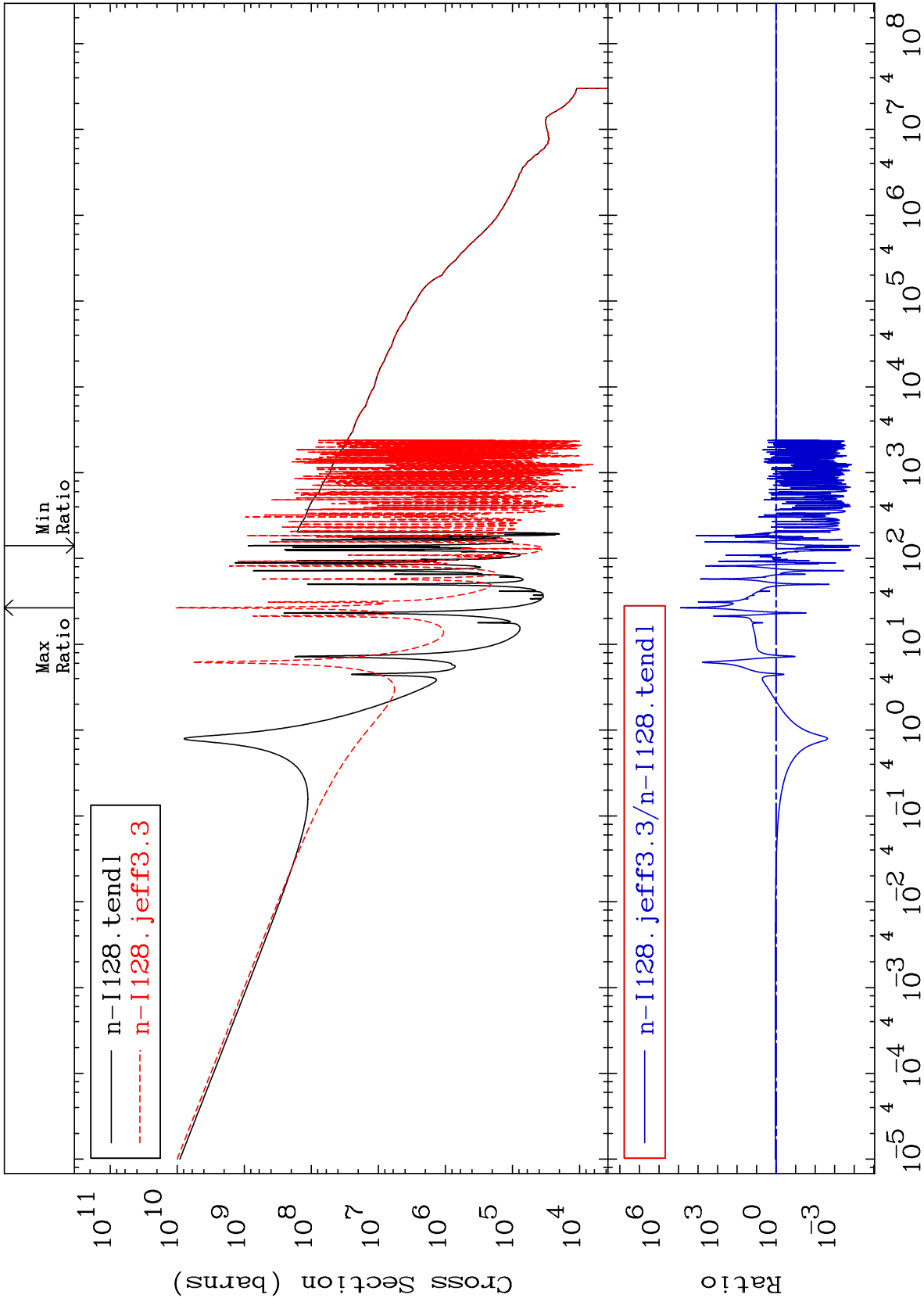


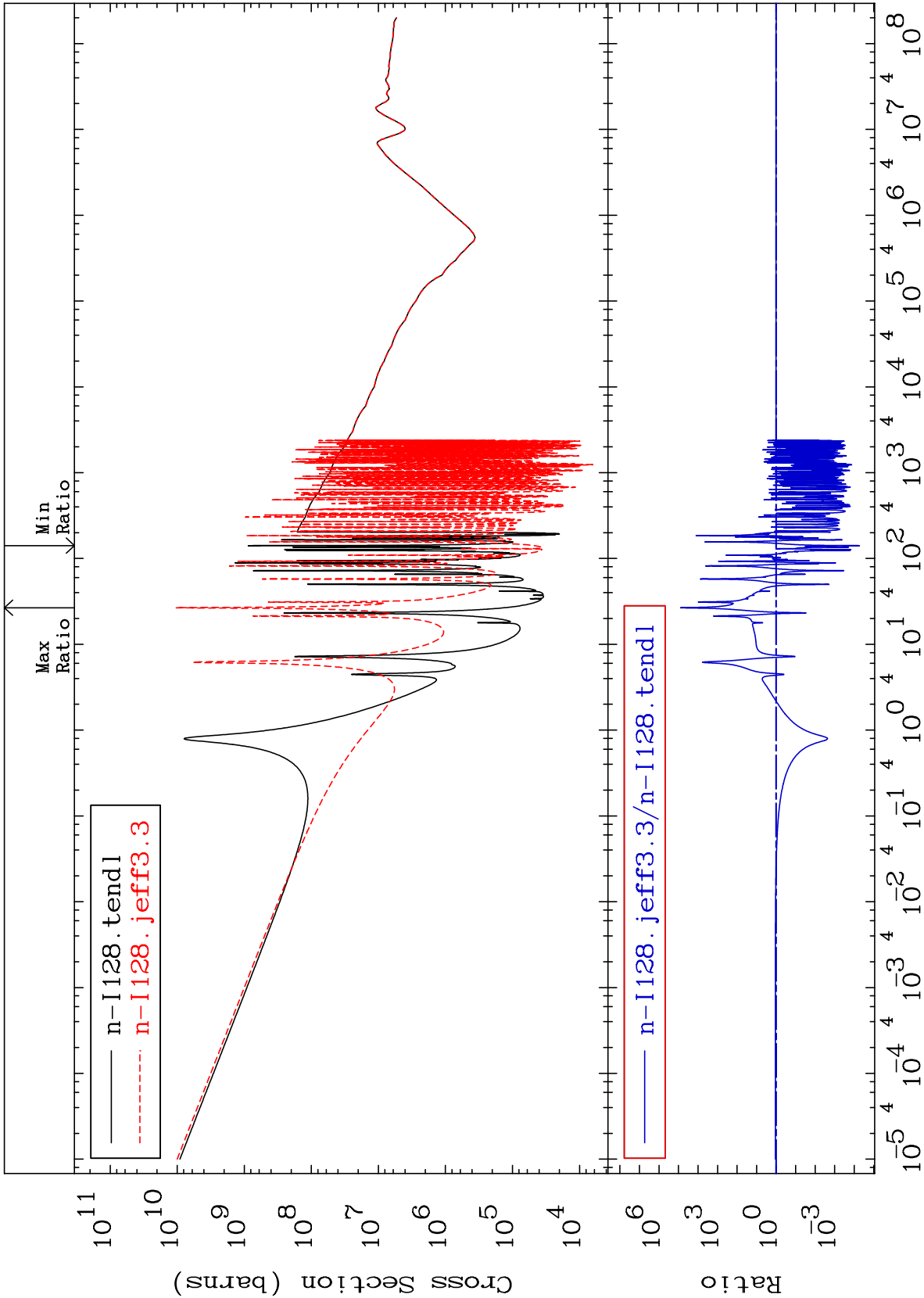
Cross Section

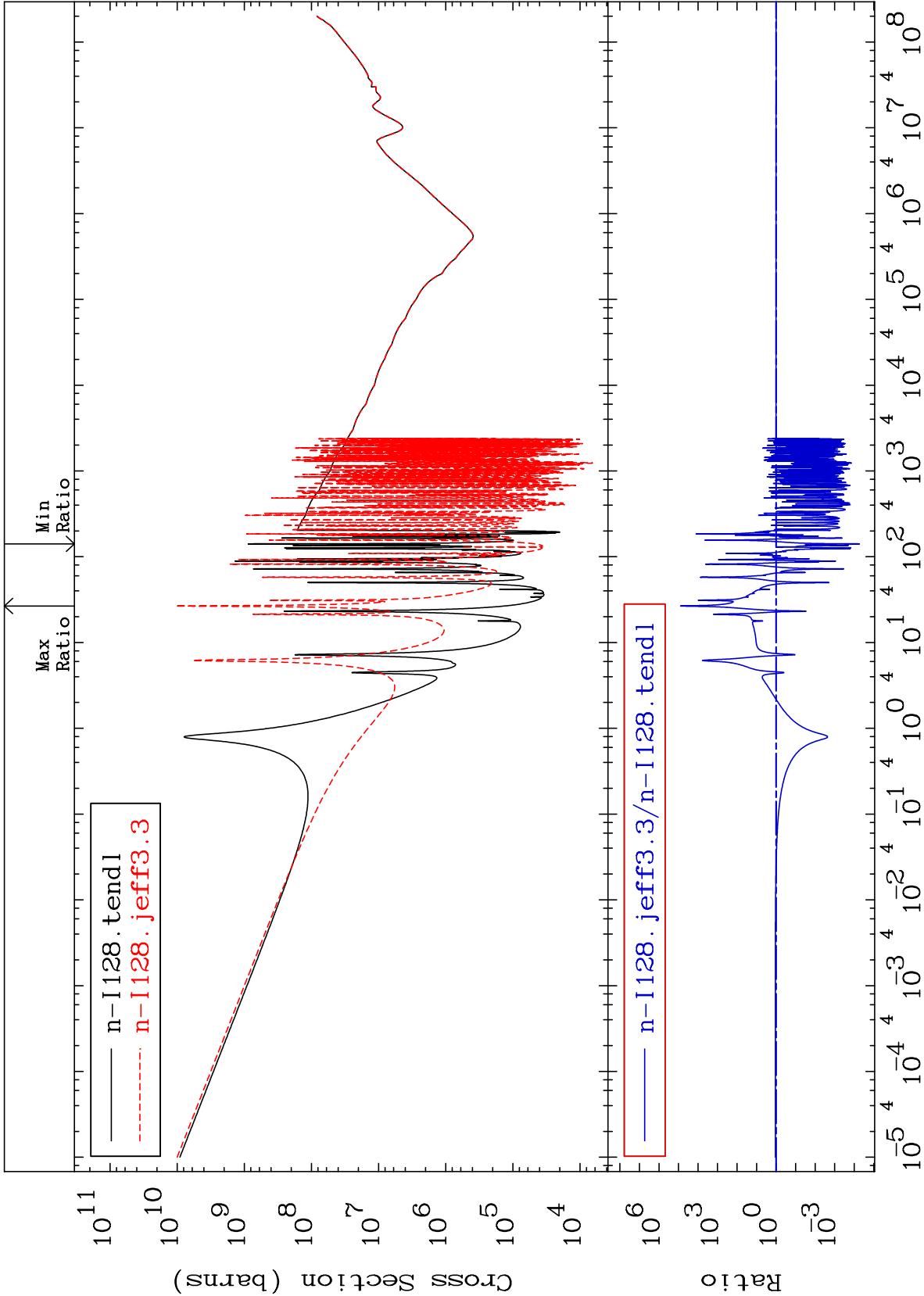
-0.003 To 0.042 %

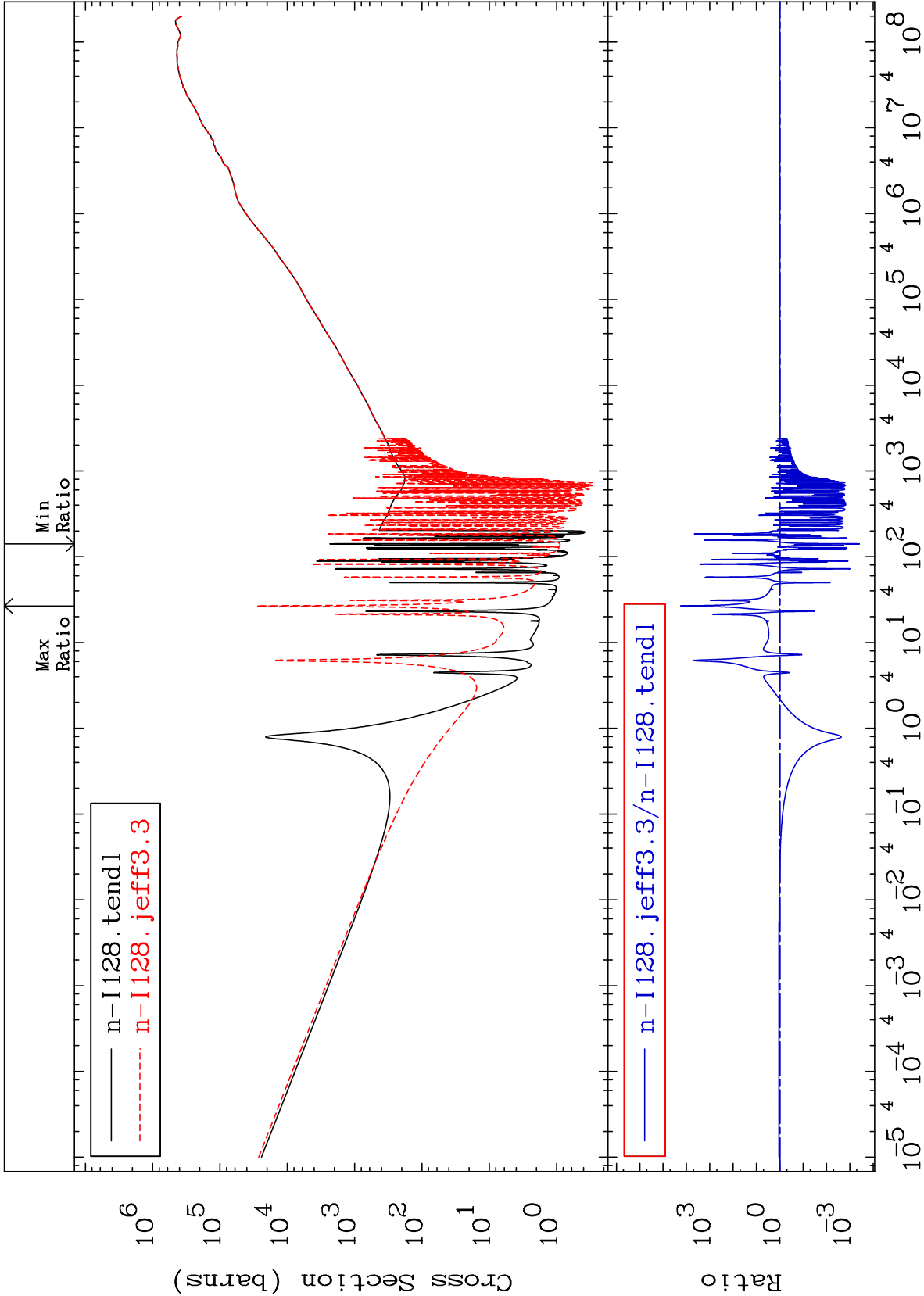


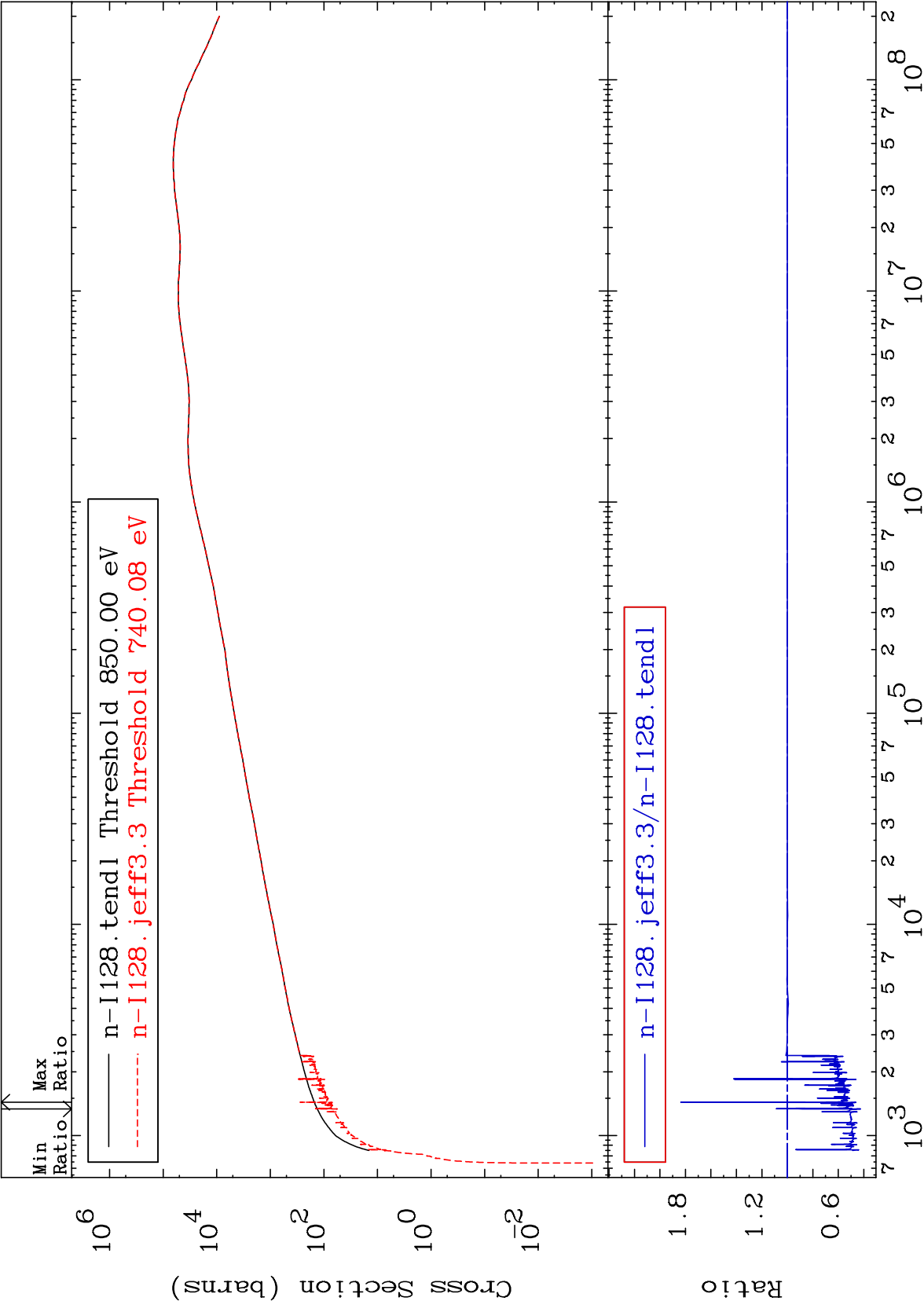






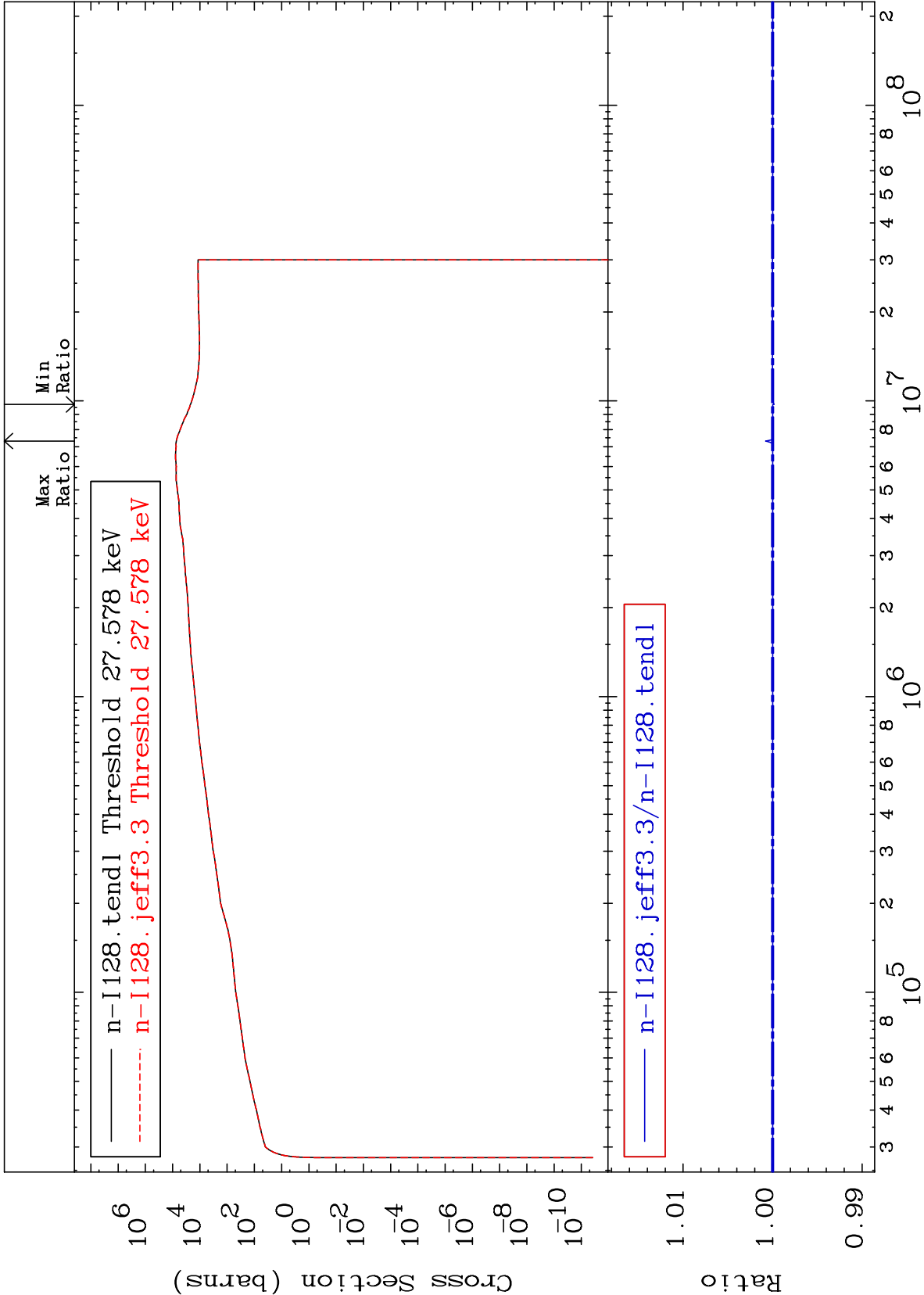


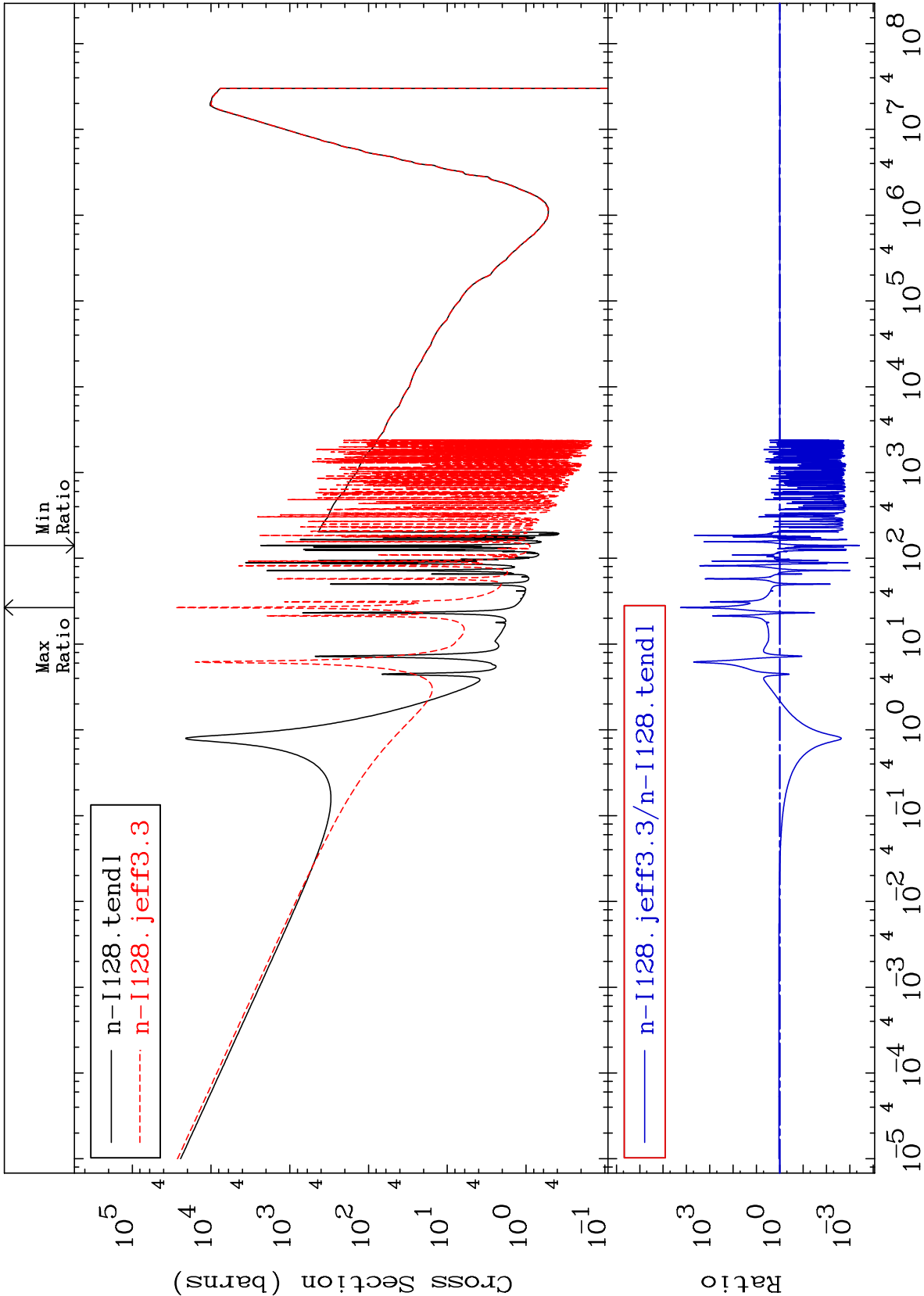




Cross Section

-0.017 To 0.078 %



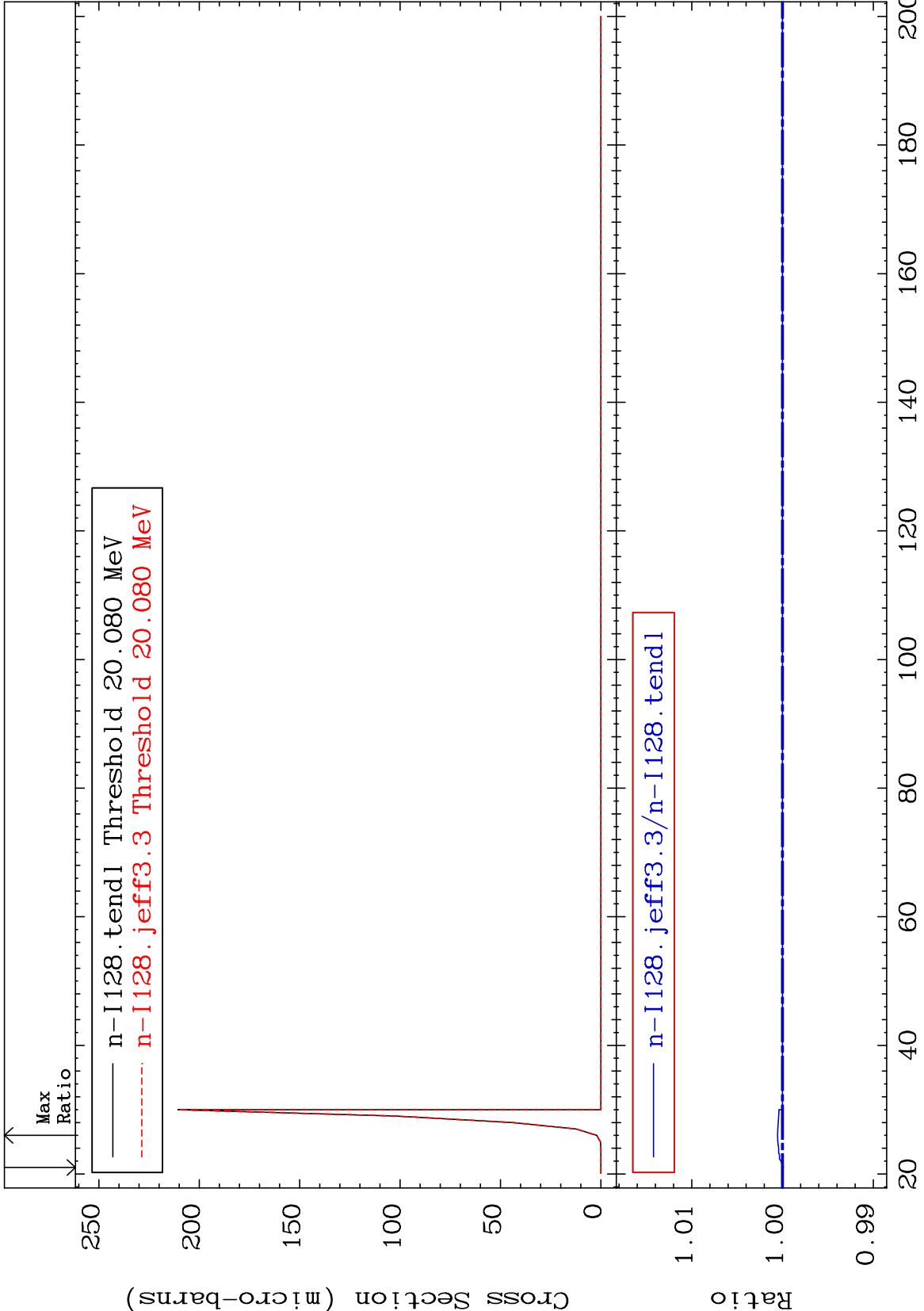


MAT 5328

(n,2n) d:52-Te-125g

53-I -128

Radionuclide Production Cross Section -0.011 To 0.055 %



61

Incident Energy (MeV)

53-I -128

MAT 5328

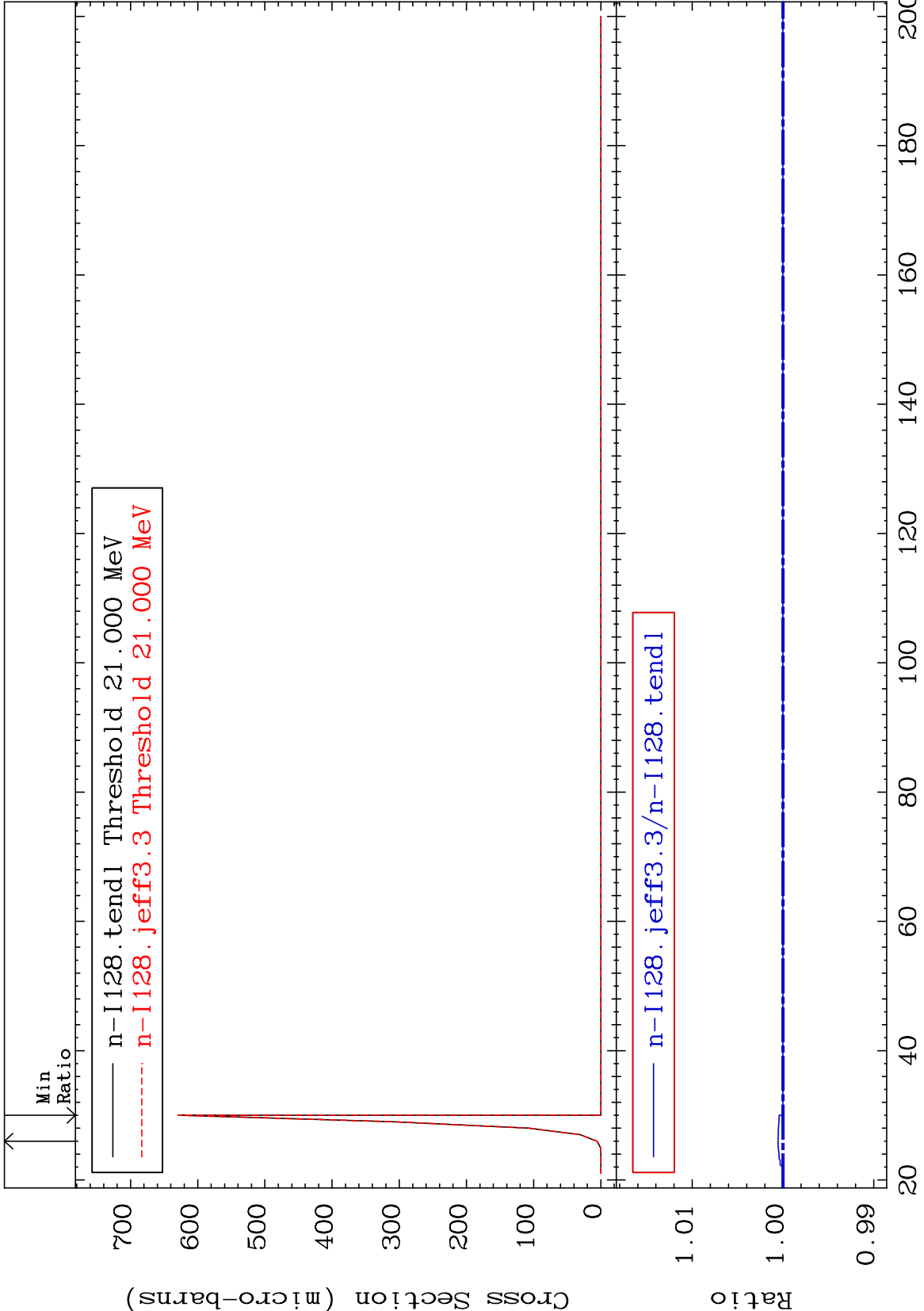
(n,2n) d:52-Te-125m2

53-I -128

Radionuclide Production Cross Section

0.000

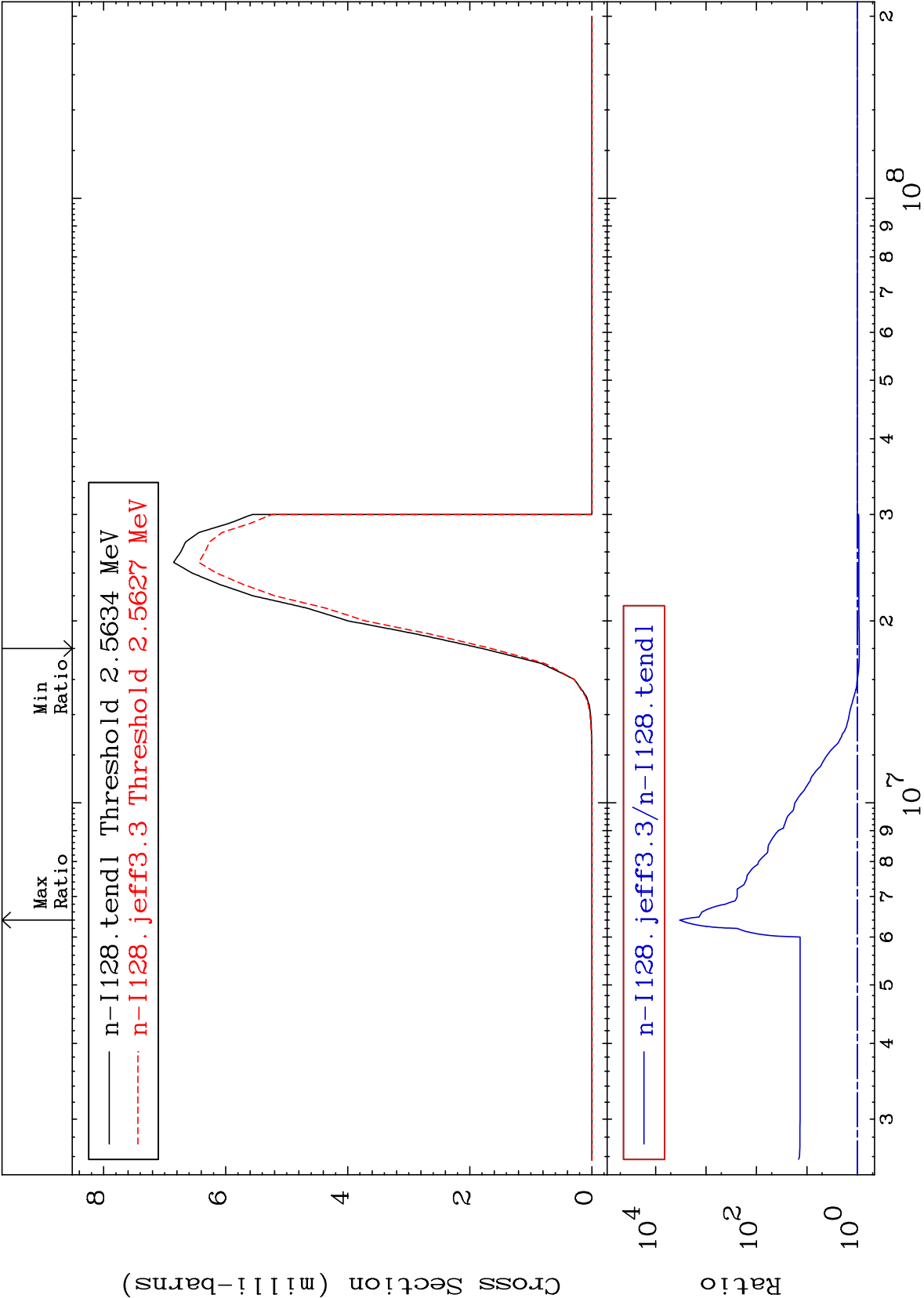
To 0.055 %

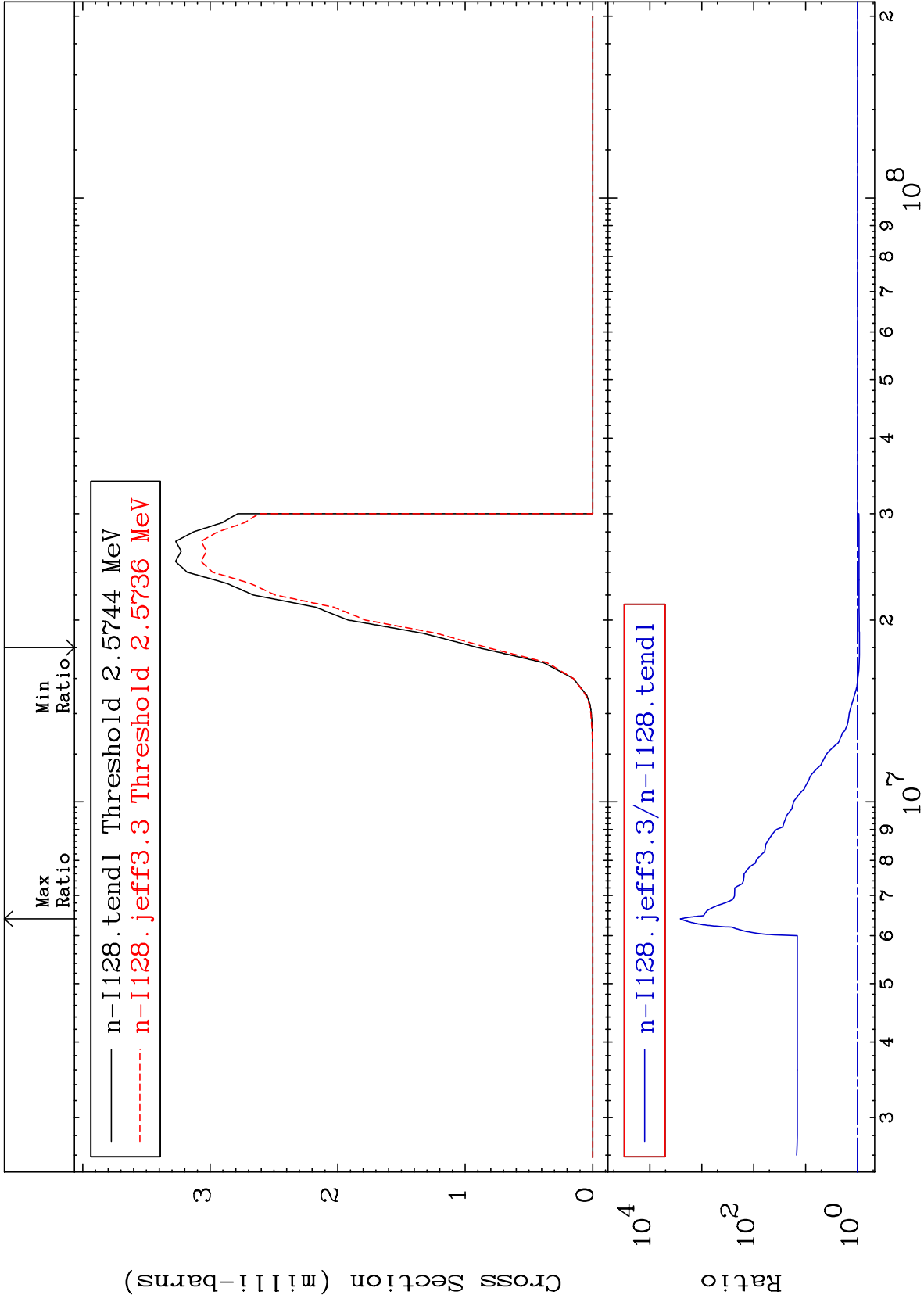


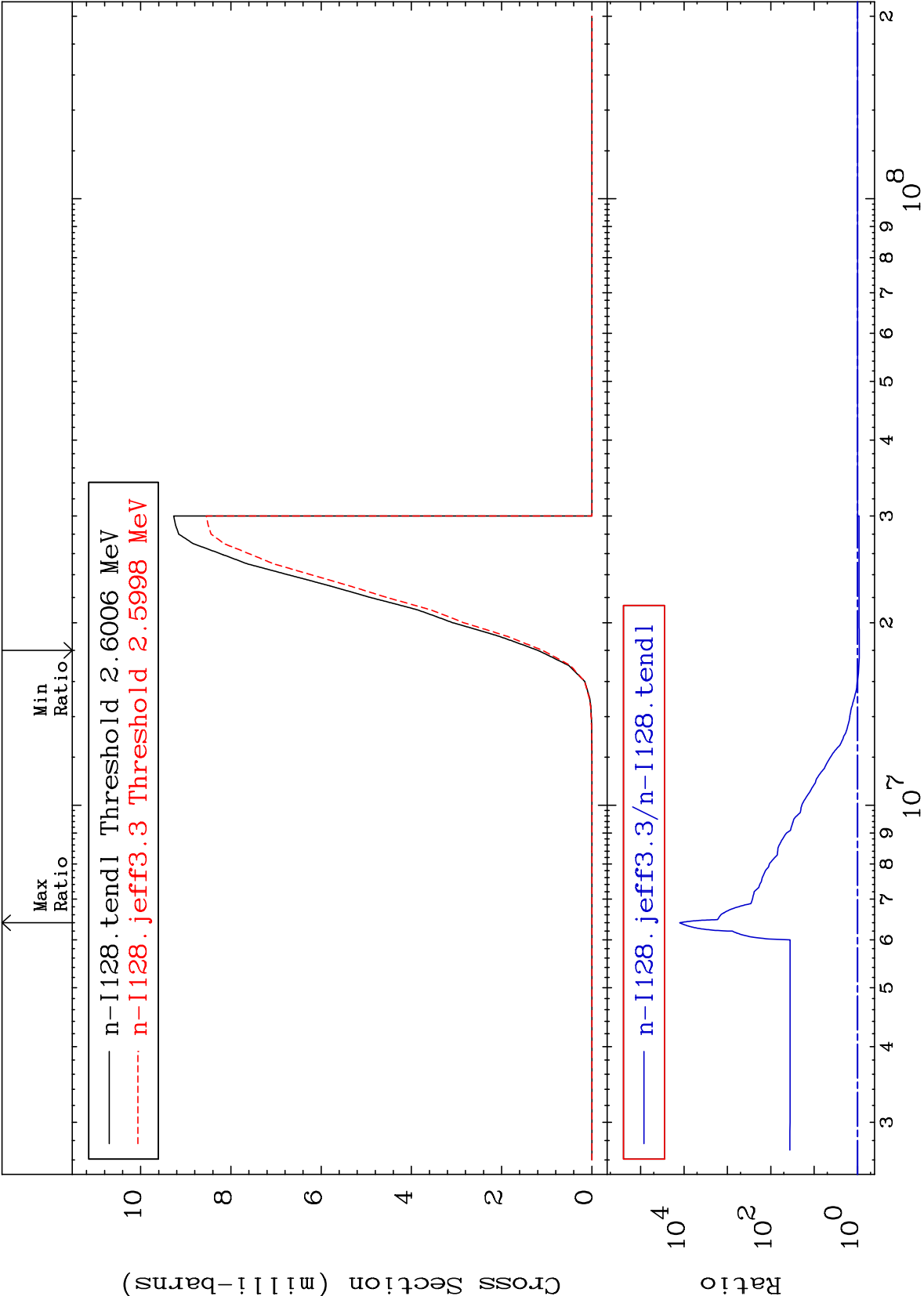
62

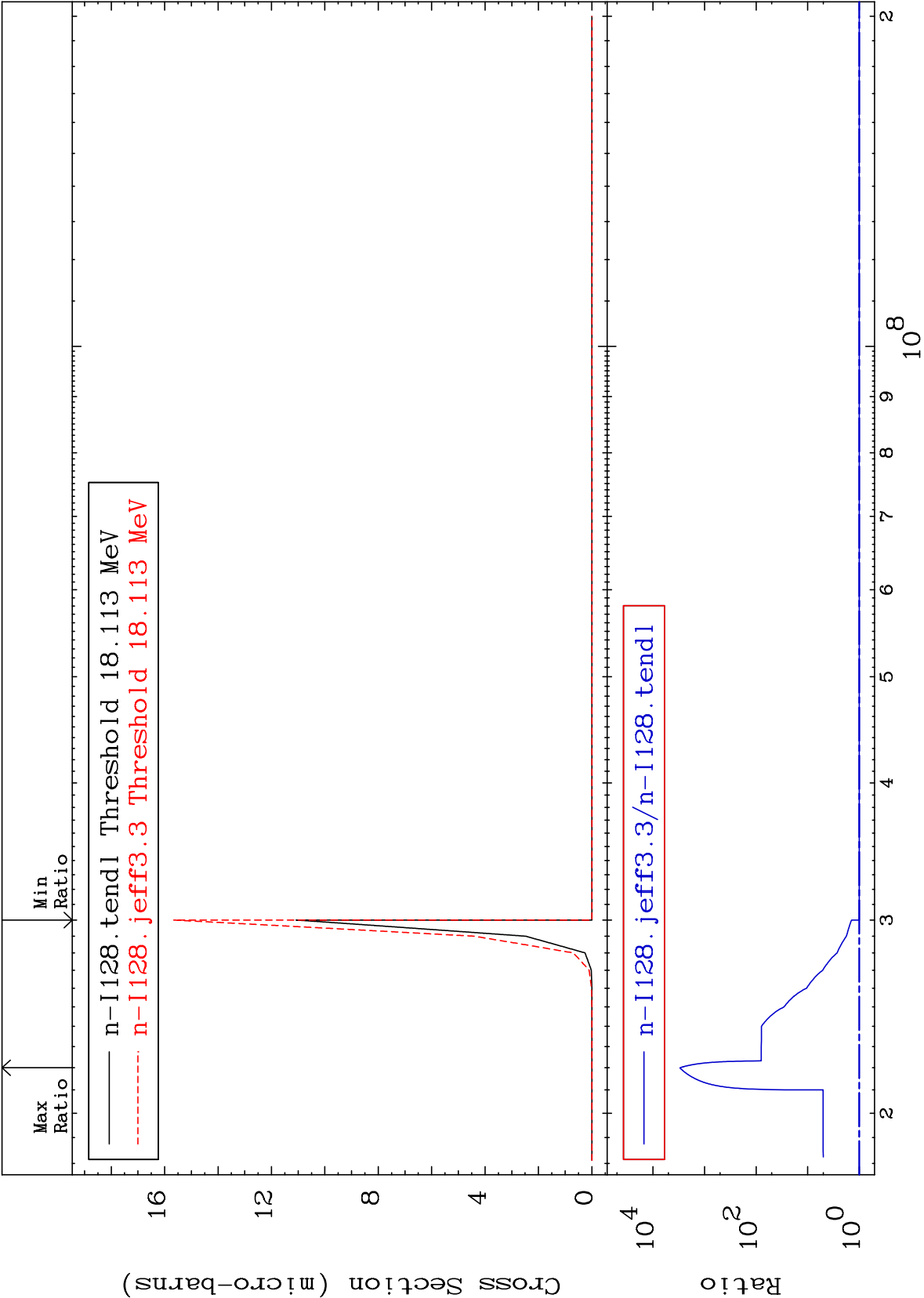
Incident Energy (MeV)

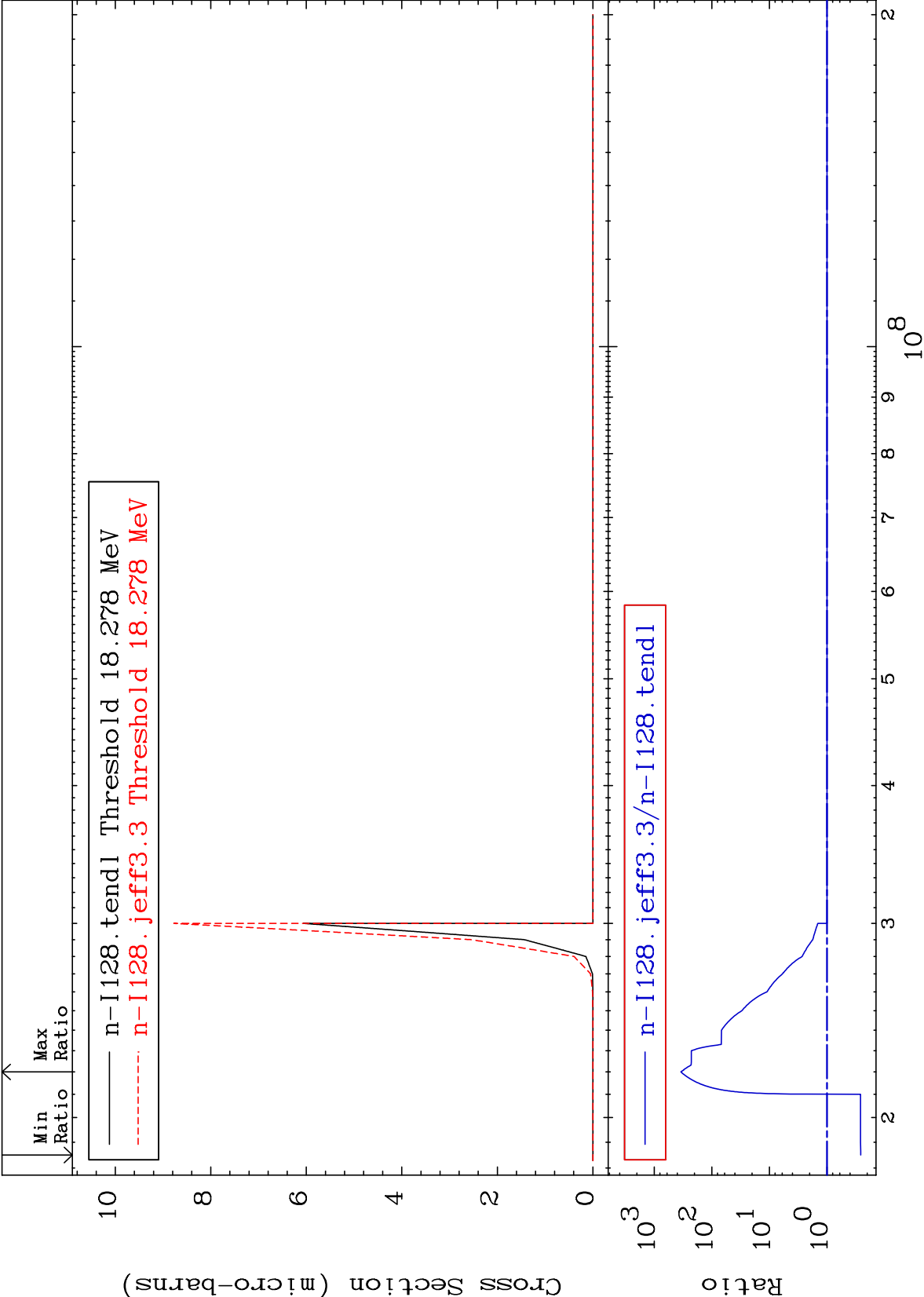
53-I -128

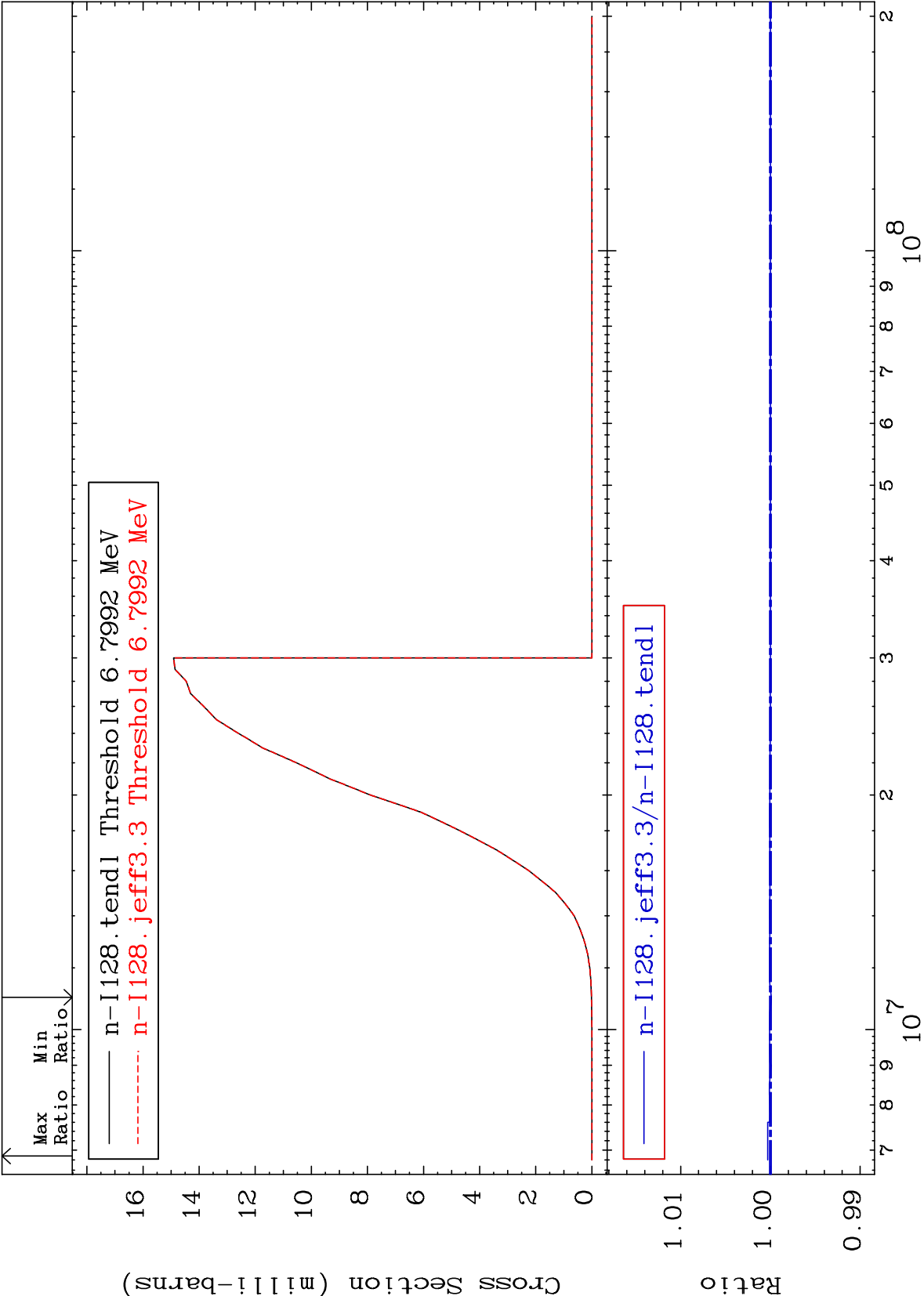




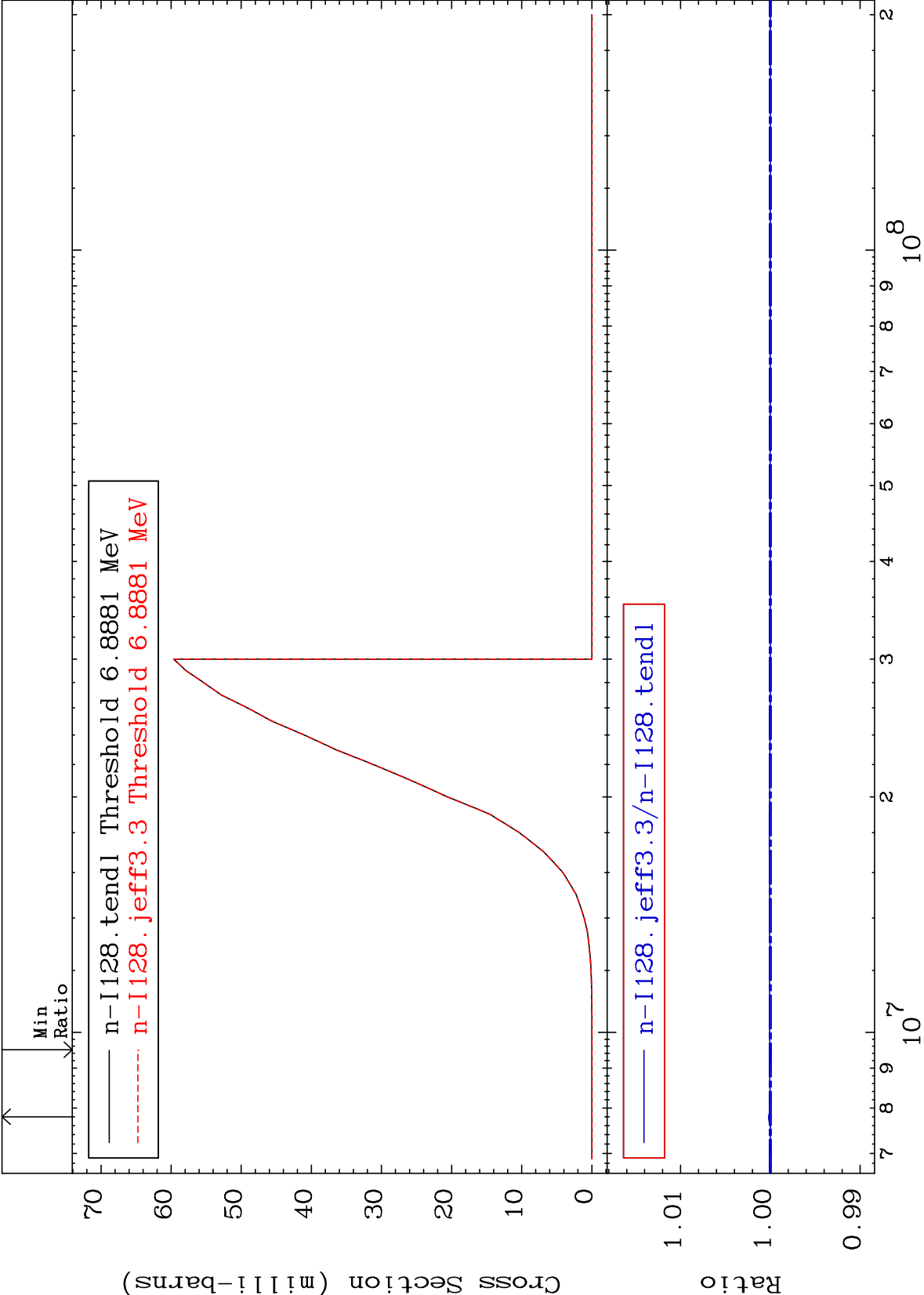








Radionuclide Production Cross Section -0.003 To 0.021 %

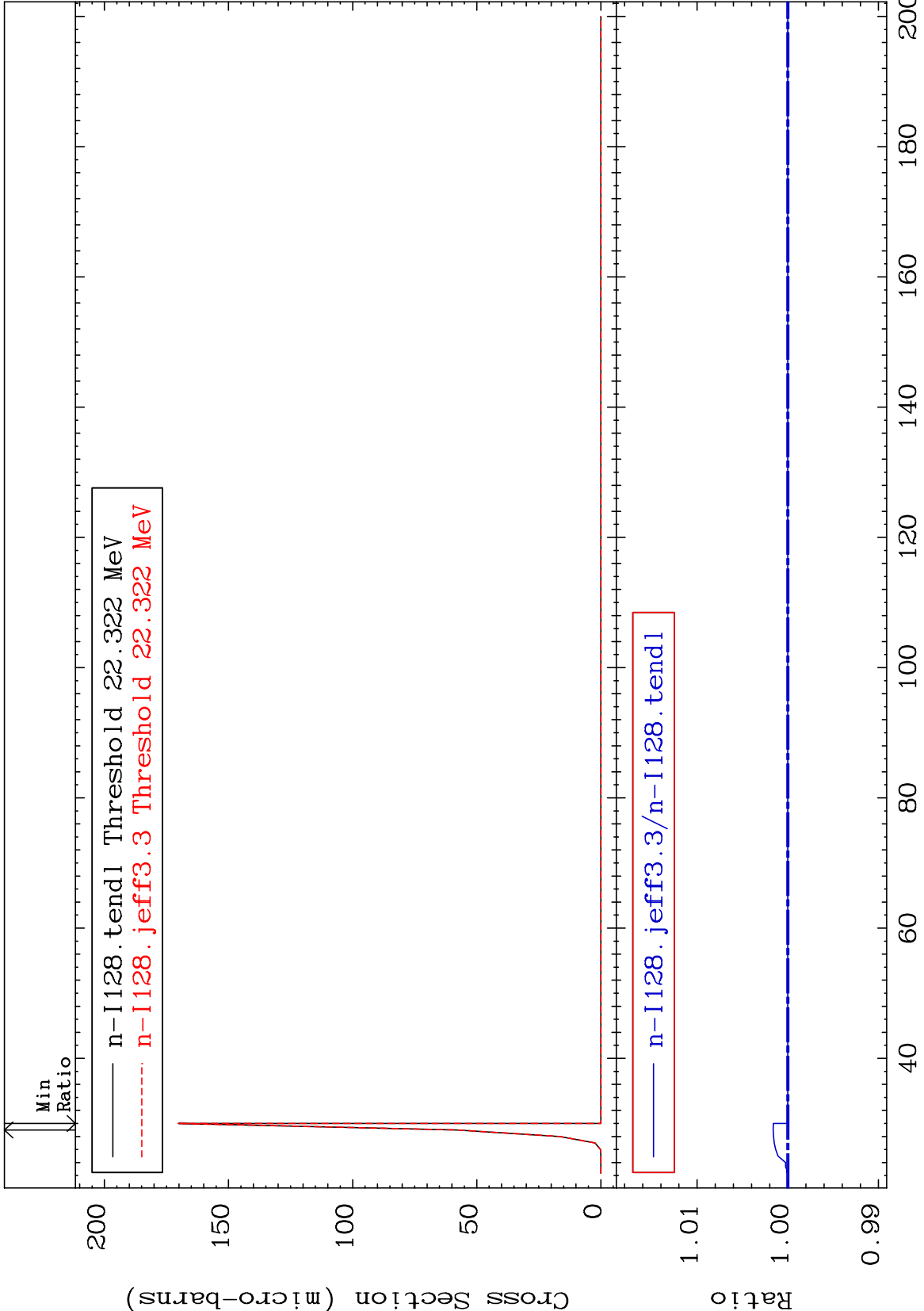


MAT 5328

(n,3n) p:52-Te-125g

53-I -128

Radionuclide Production Cross Section 0.000 To 0.162 %



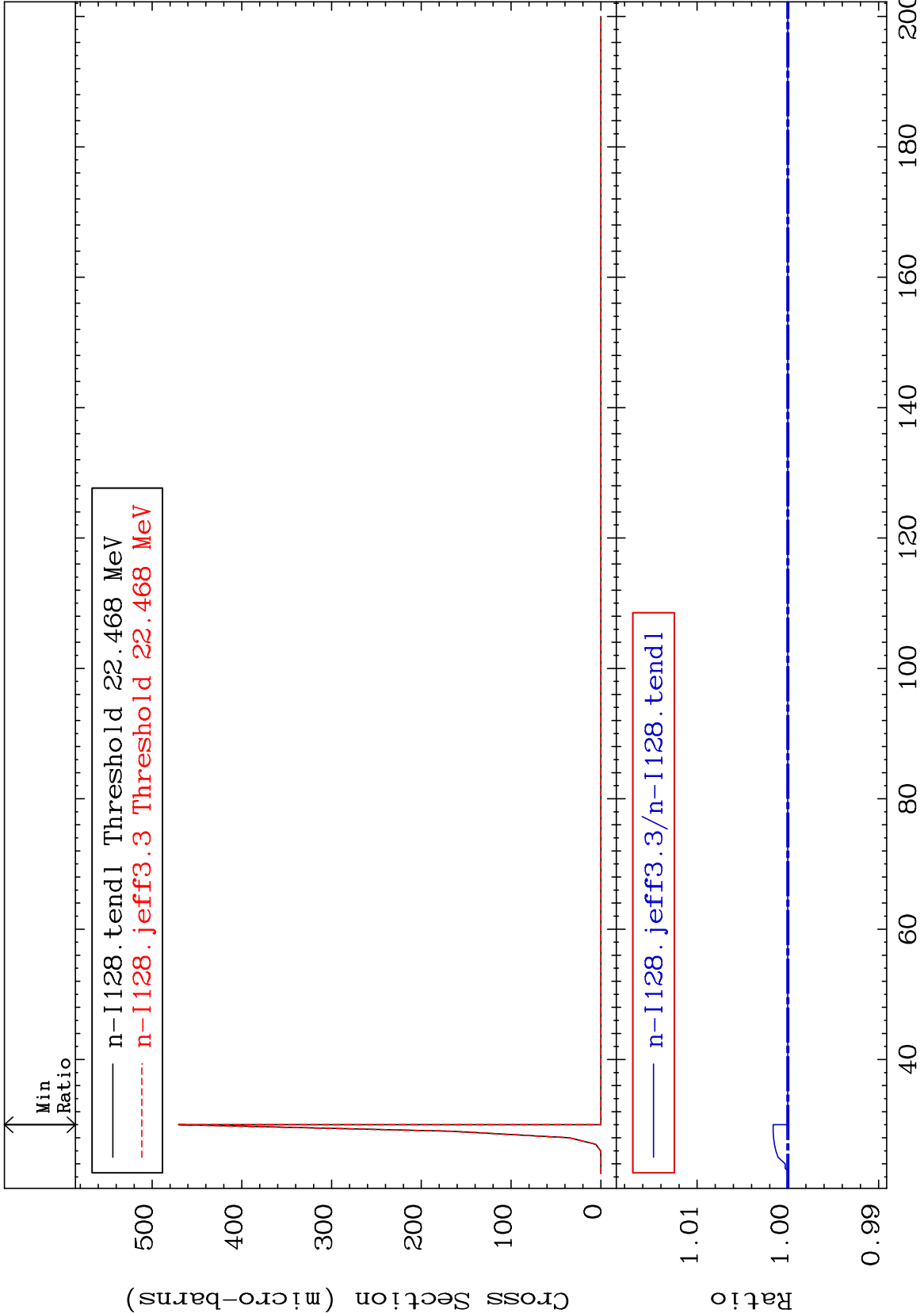
53-I -128

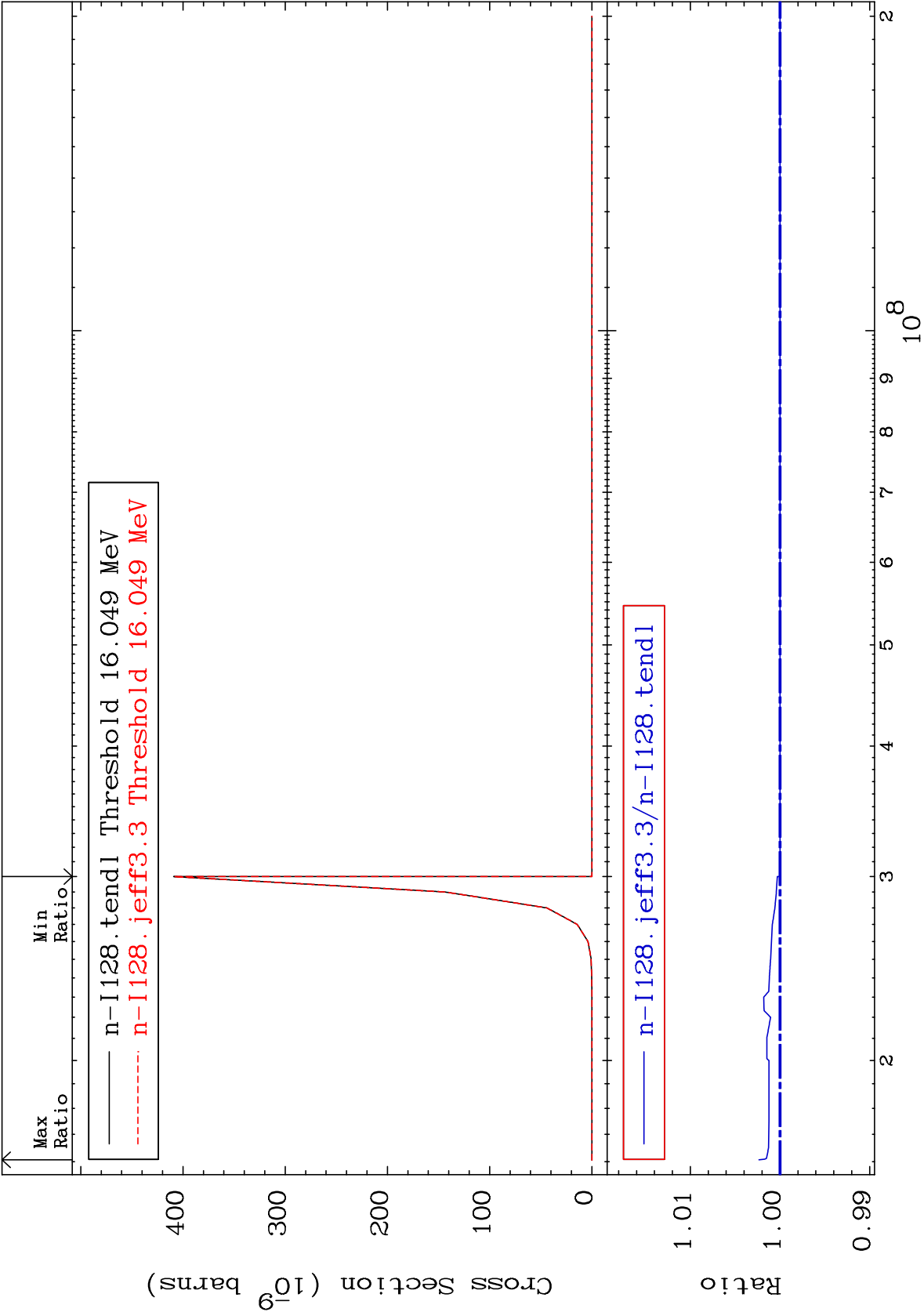
MAT 5328

(n,3n) p:52-Te-125m2

53-I -128

Radionuclide Production Cross Section 0.000 To 0.162 %





MAT 5328

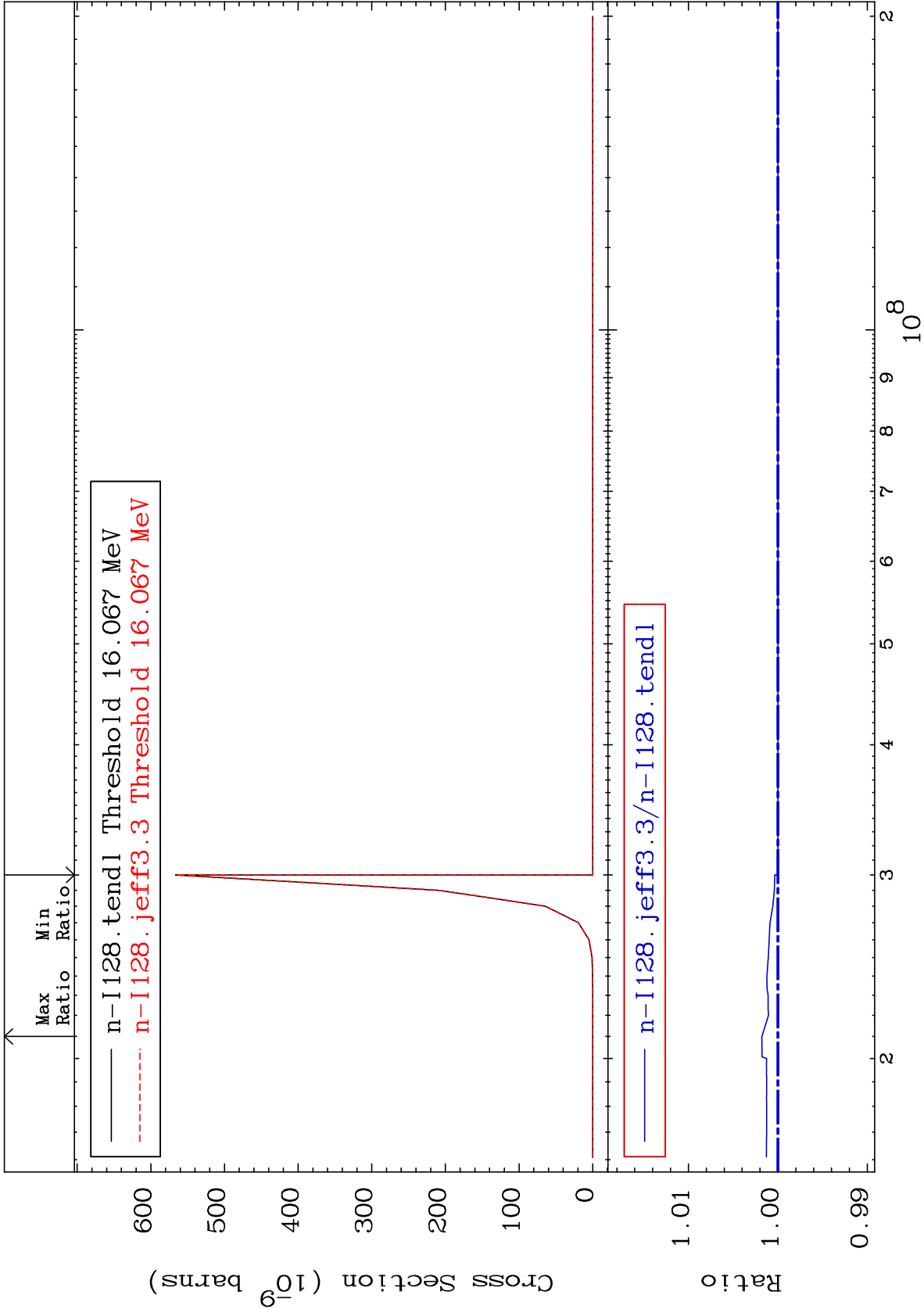
(n,2n) p:51-Sb-126m1

53-I -128

Radionuclide Production Cross Section

0.000

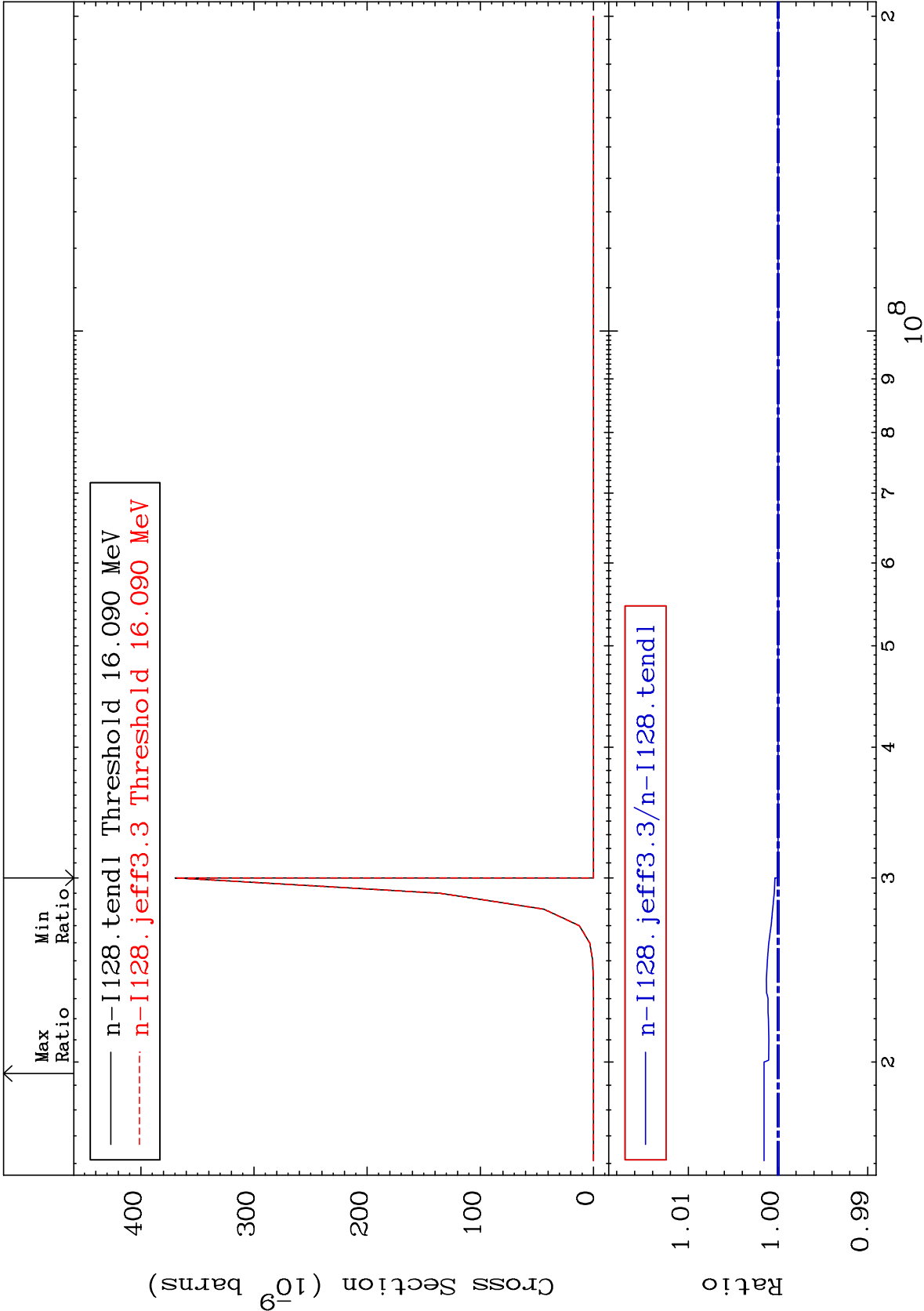
To 0.179 %



73

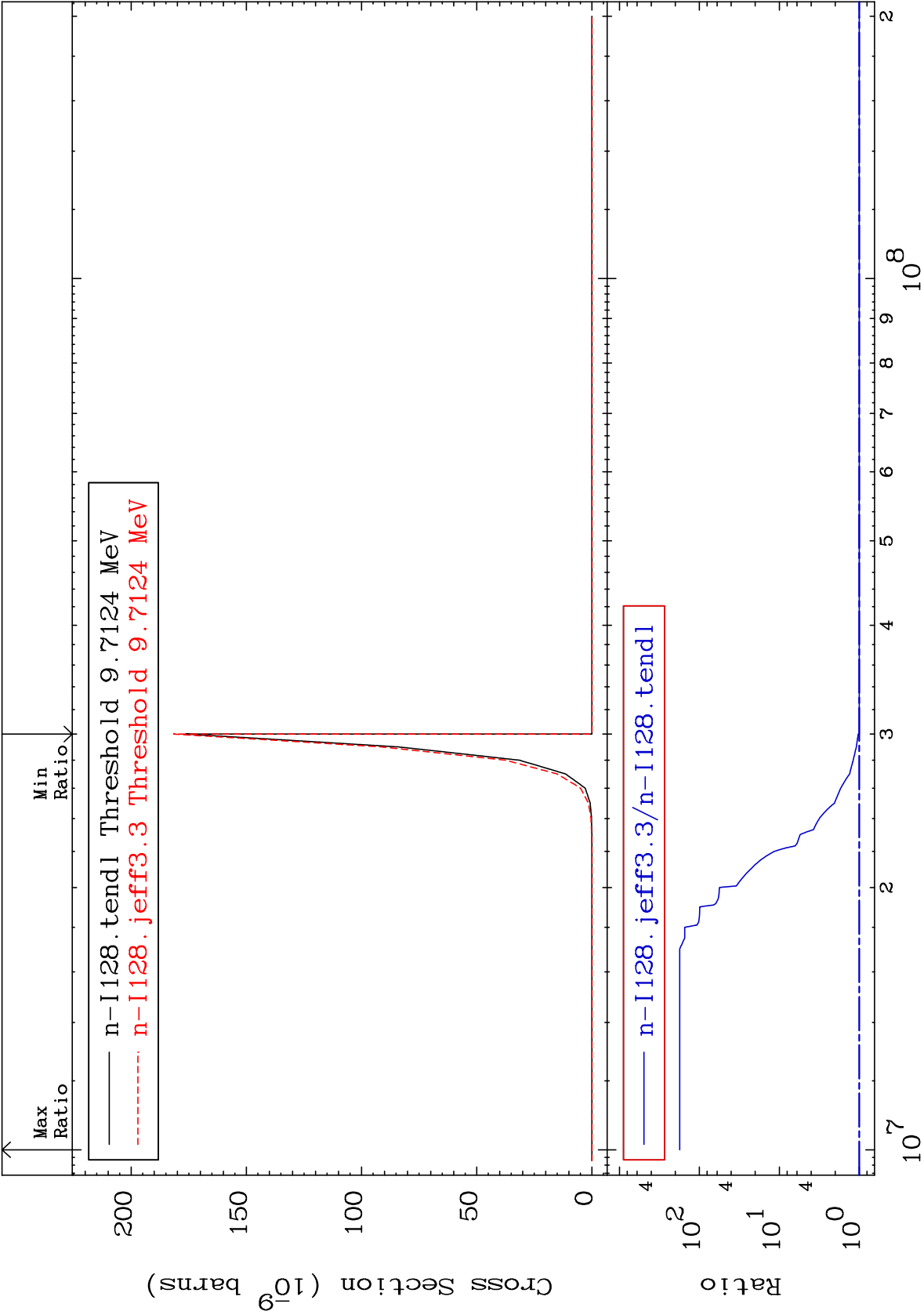
Incident Energy (eV)

53-I -128



MAT 5328

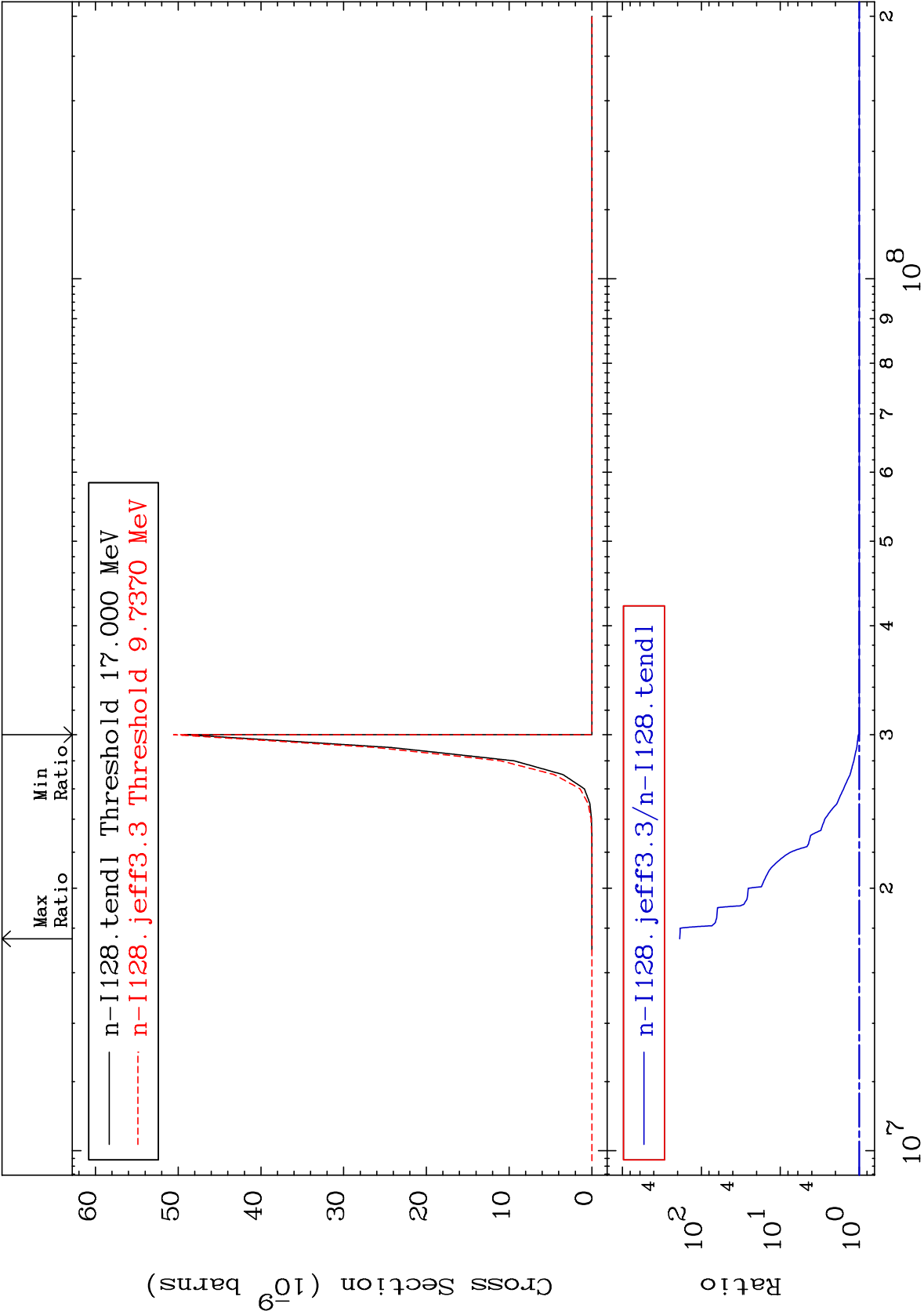
(n,n') p α :50-Sn-123g 53-I -128
Radionuclide Production Cross Section 0.000 To 9999. %



53-I -128

MAT 5328

(n,n') p α :50-Sn-123m1 53-I -128
Radionuclide Production Cross Section 0.000 To 9999. %



Incident Energy (eV)

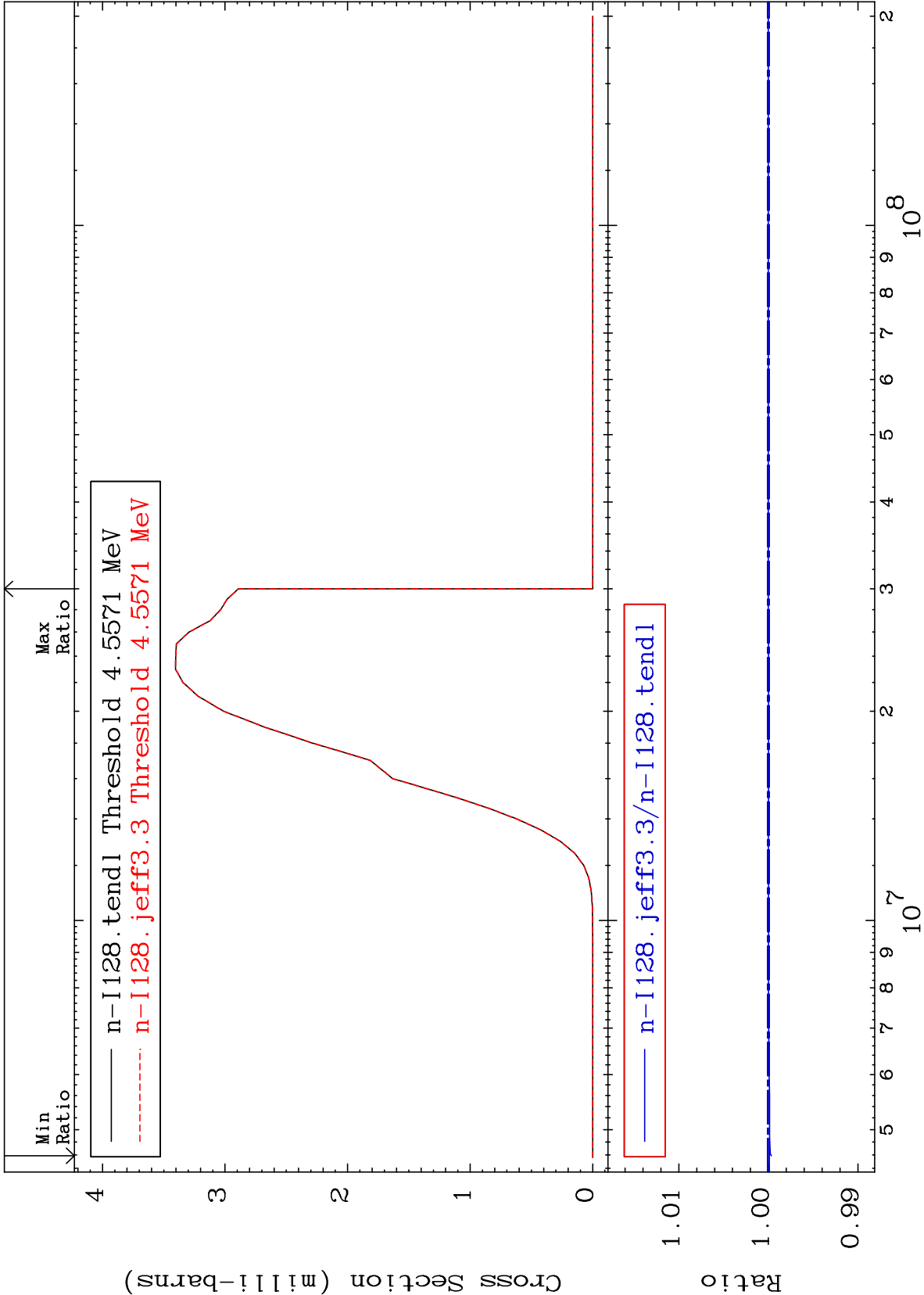
53-I -128

MAT 5328

53-I -128

(n,d):52-Te-127g

Radionuclide Production Cross Section -0.034 To 0.000 %



77

Incident Energy (eV)

53-I -128

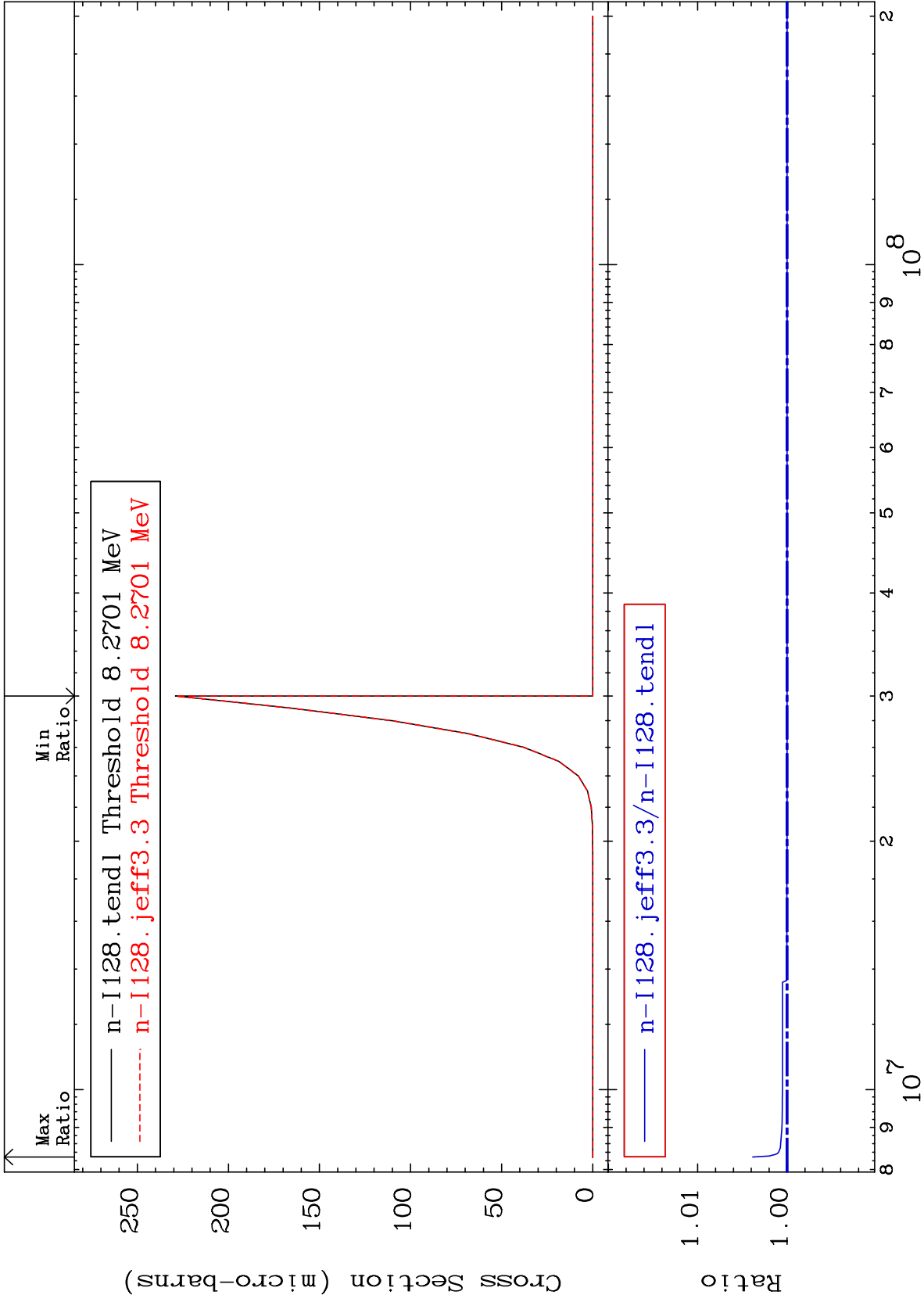
MAT 5328

53-I -128

(n,He-3):51-Sb-126g

Radionuclide Production Cross Section

-0.001 To 0.385 %



78

Incident Energy (eV)

53-I -128

MAT 5328

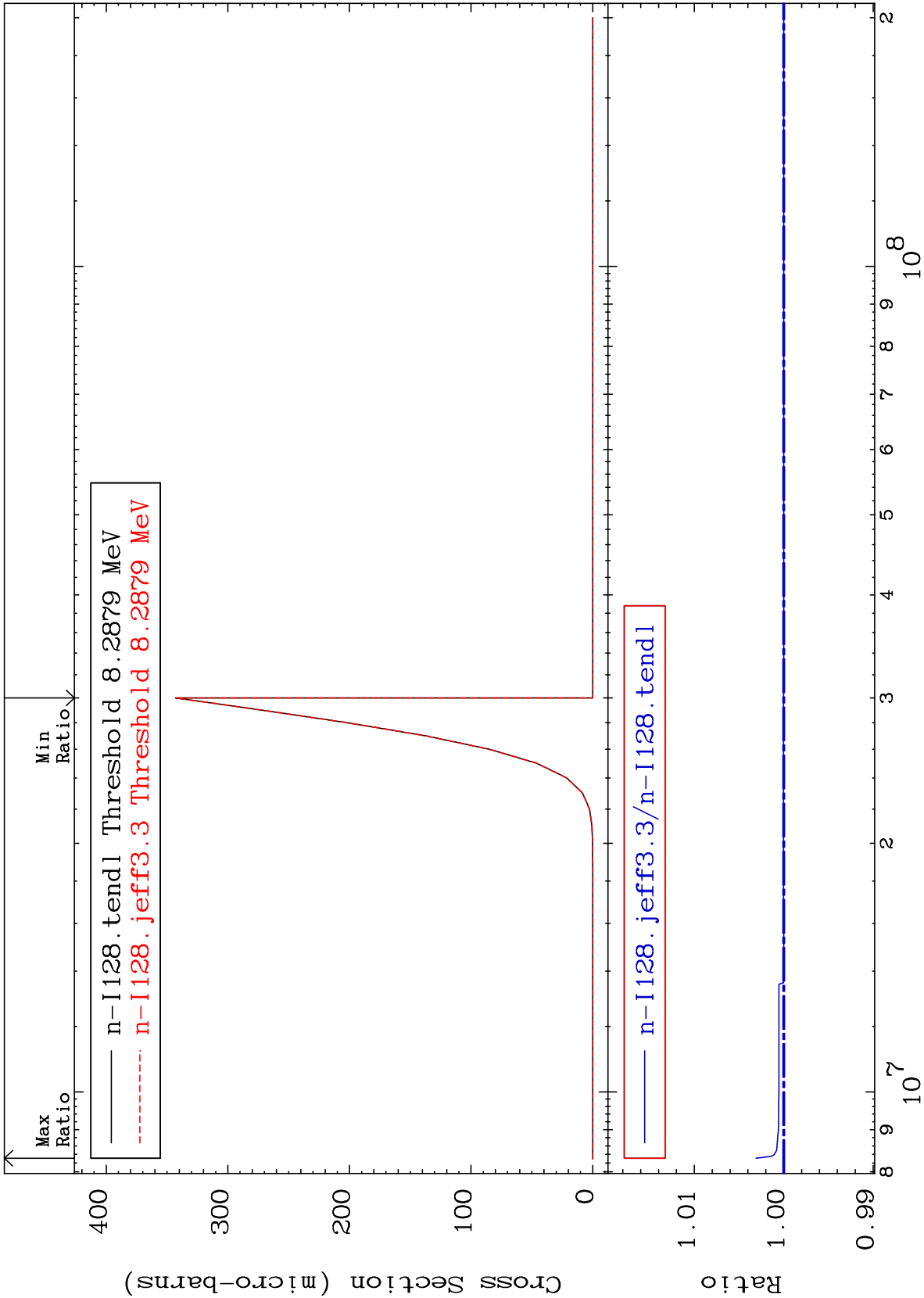
(n,He-3):51-Sb-126m1

53-I -128

Radionuclide Production Cross Section

0.000

To 0.310 %



MAT 5328

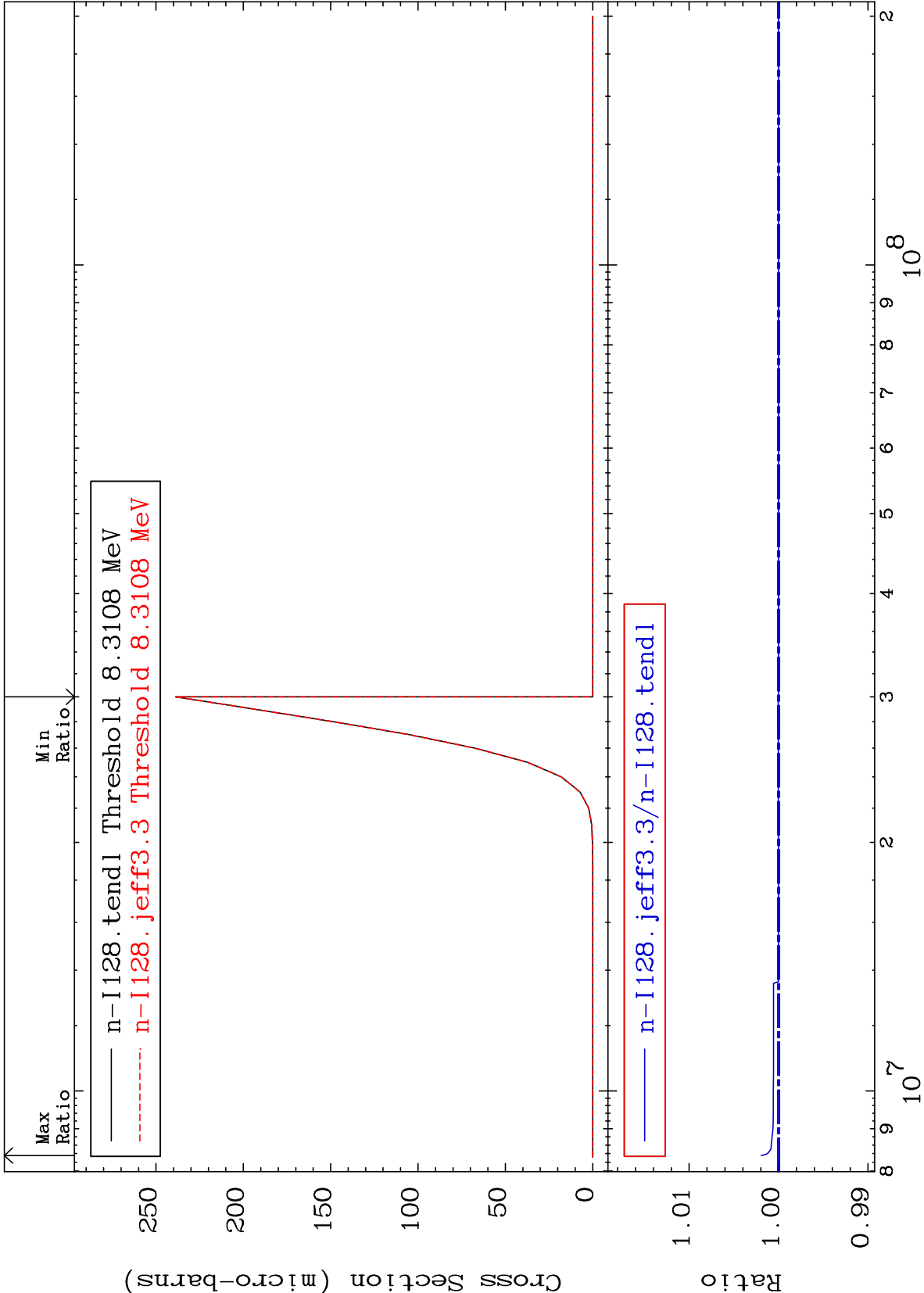
(n,He-3):51-Sb-126m2

53-I -128

Radionuclide Production Cross Section

0.000

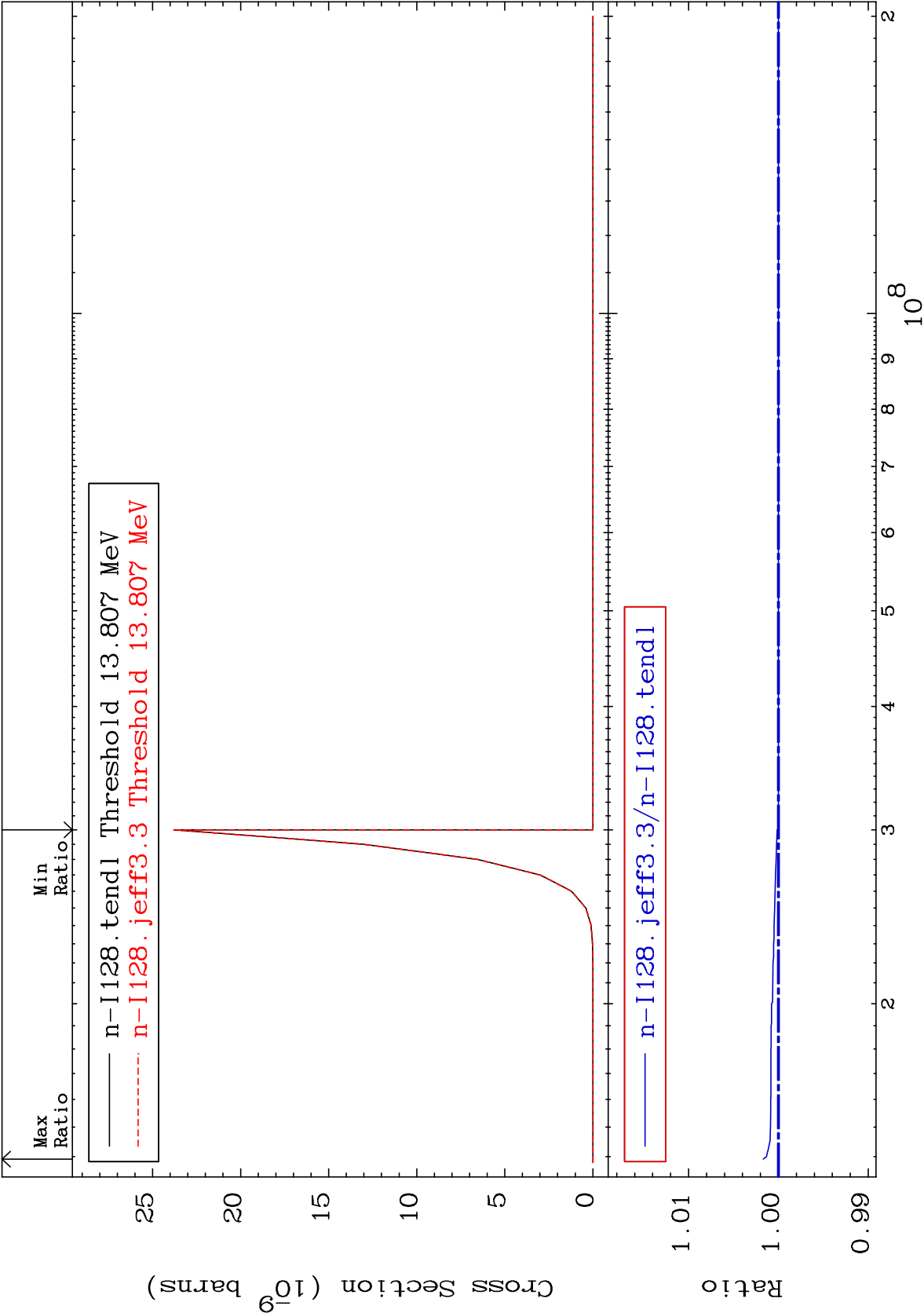
To 0.195 %

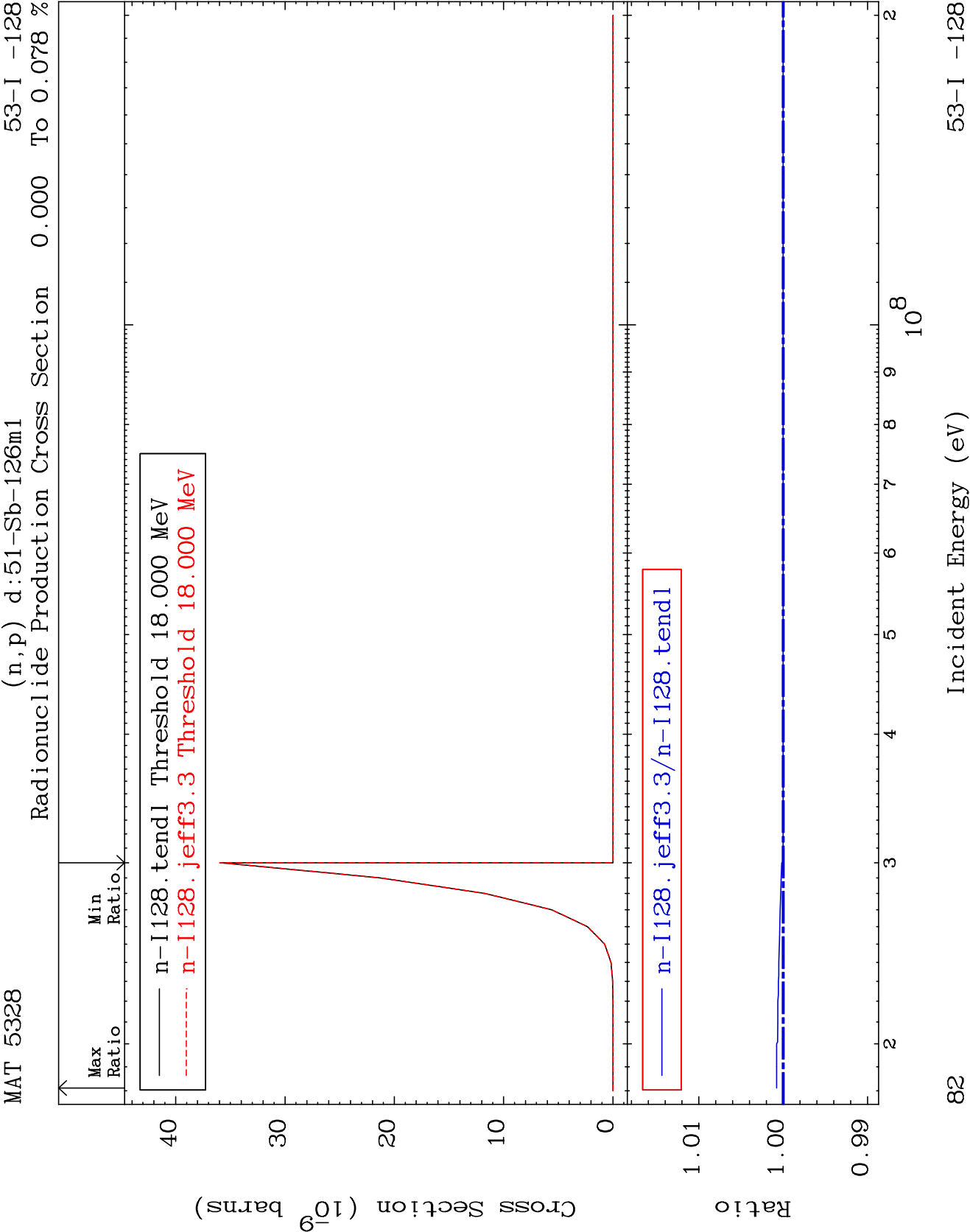


80

Incident Energy (eV)

53-I -128





MAT 5328

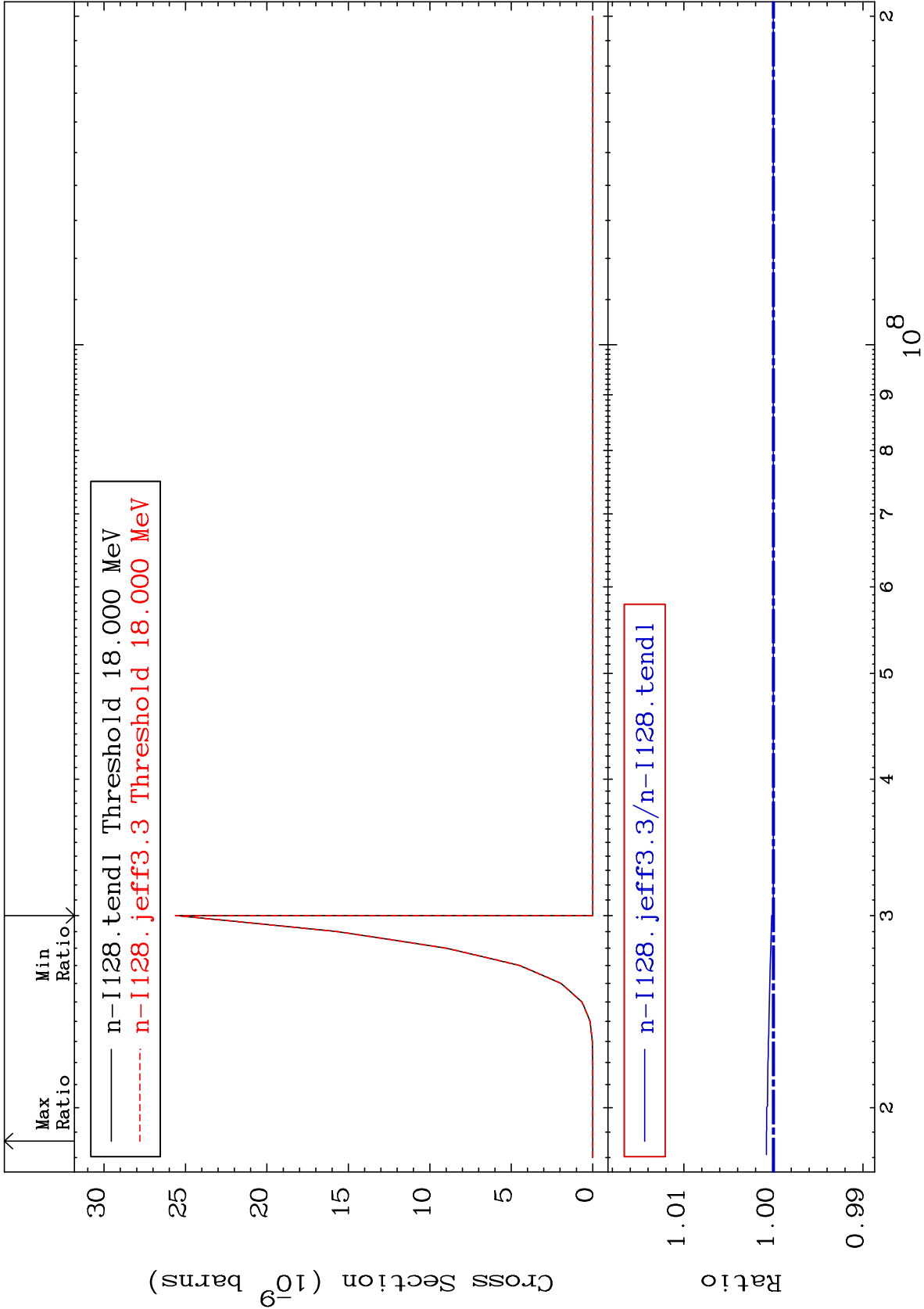
(n,p) d:51-Sb-126m2

53-I -128

Radionuclide Production Cross Section

0.000

To 0.078 %



83

Incident Energy (eV)

53-I -128

