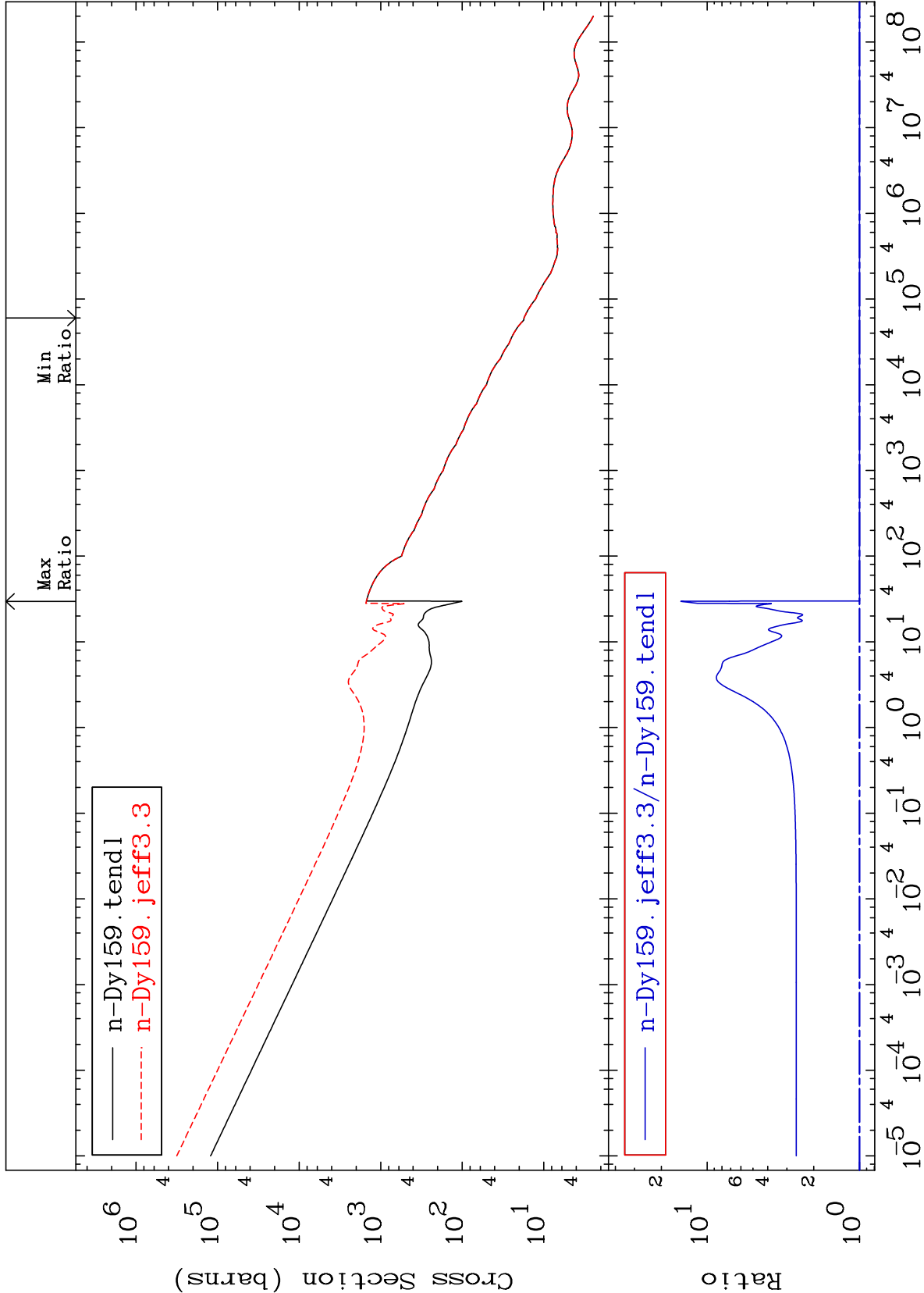


MAT 6634

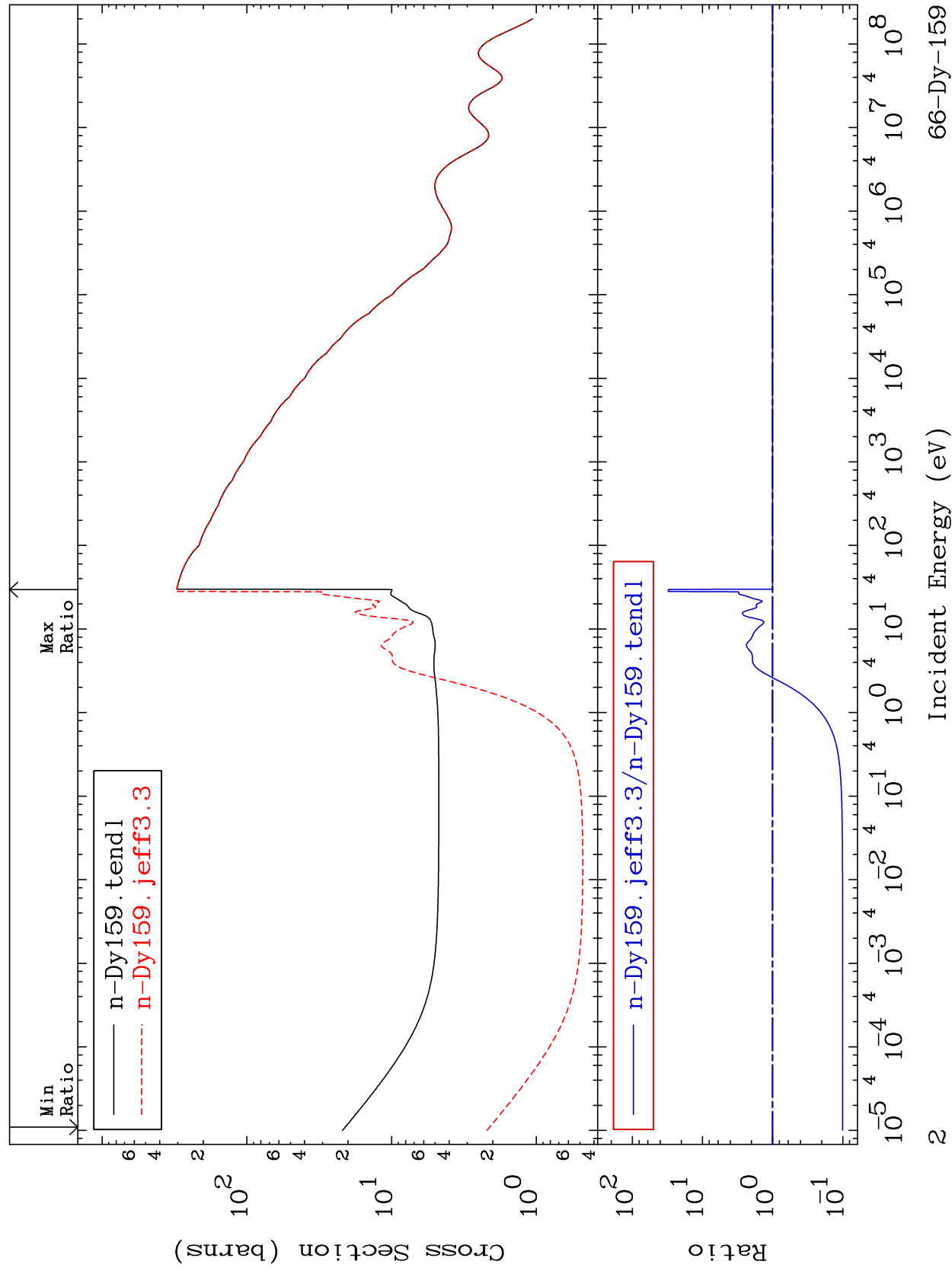
Total
Cross Section
66-Dy-159
To 1391. %



Incident Energy (eV)

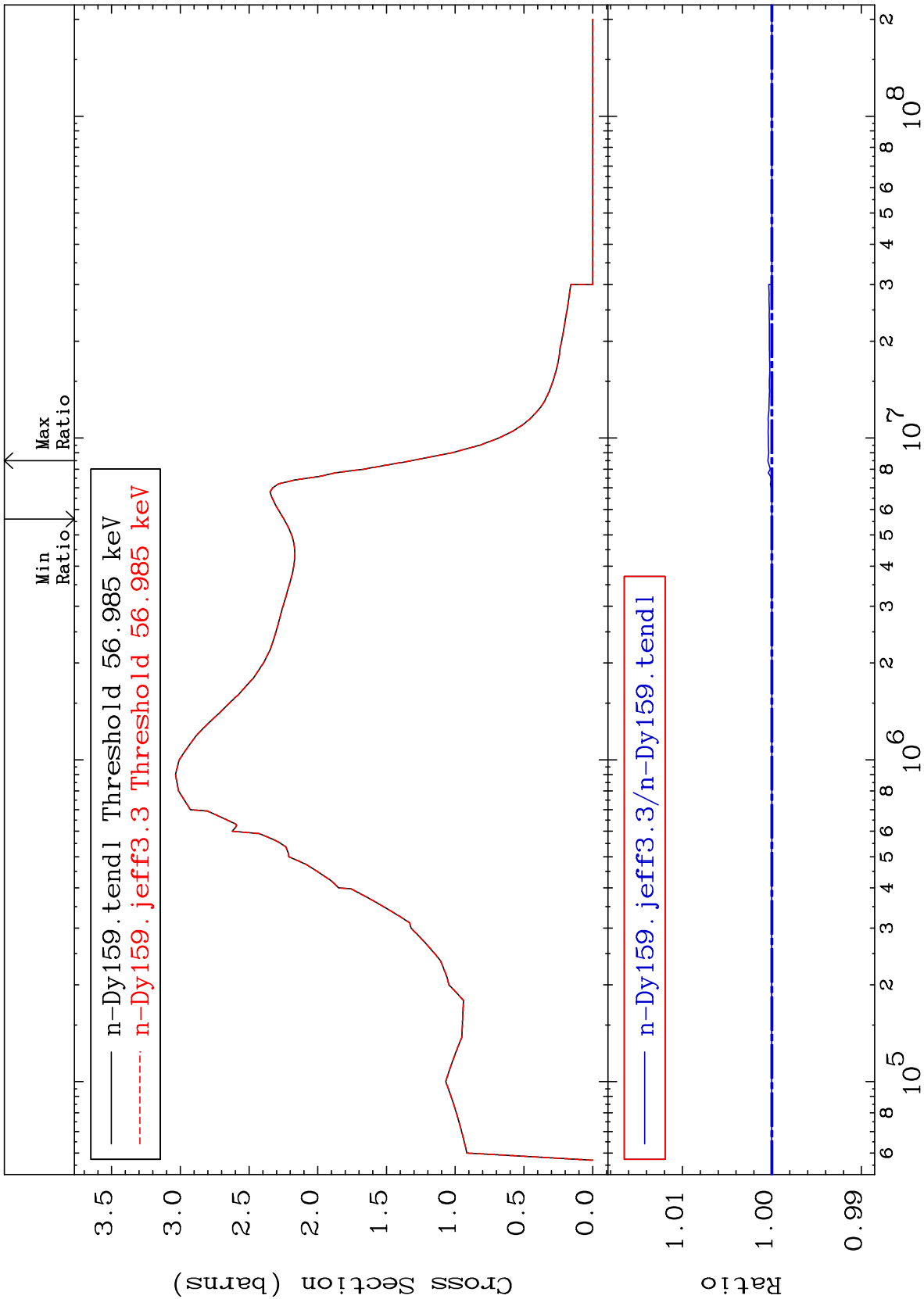
66-Dy-159

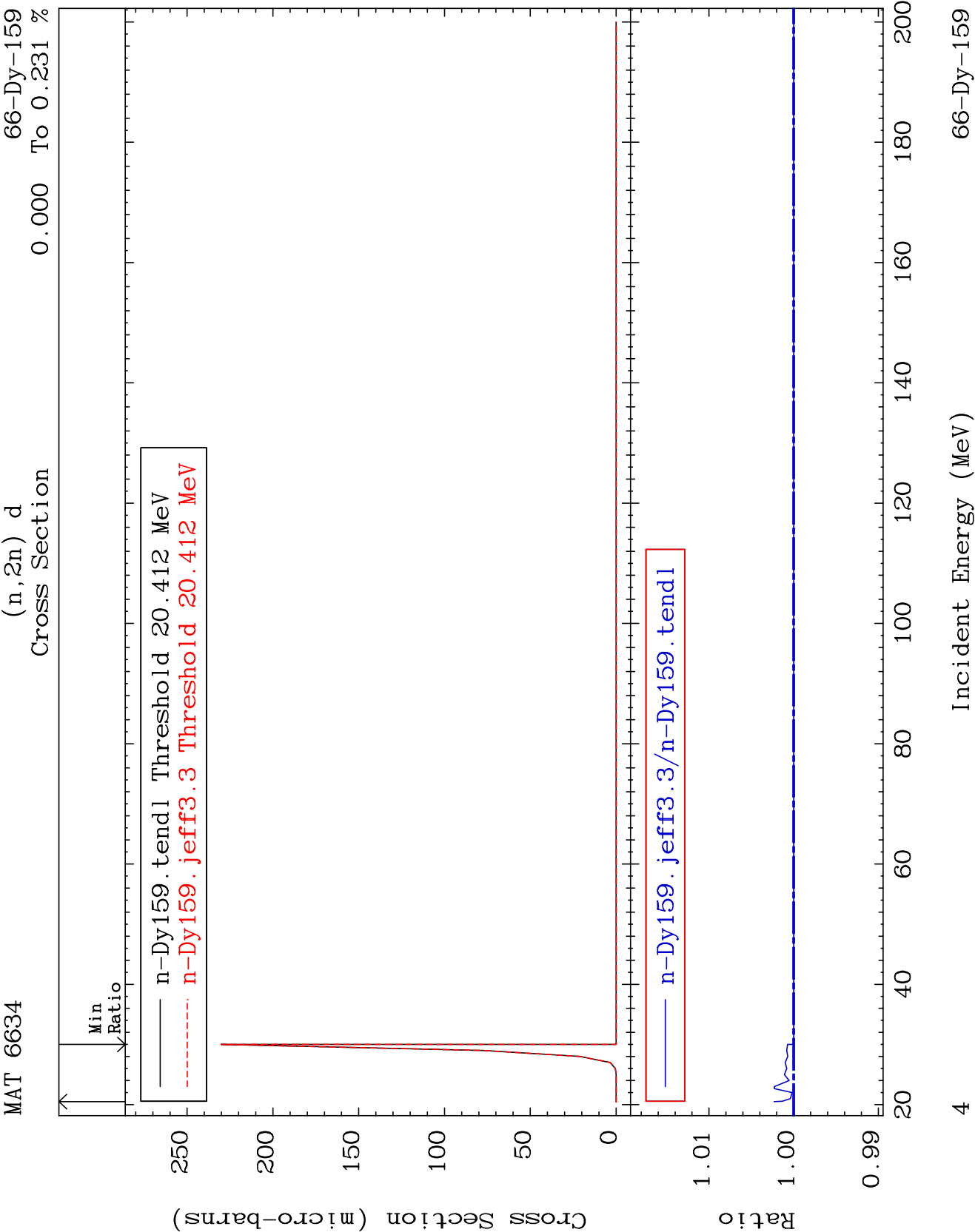
Elastic
Cross Section

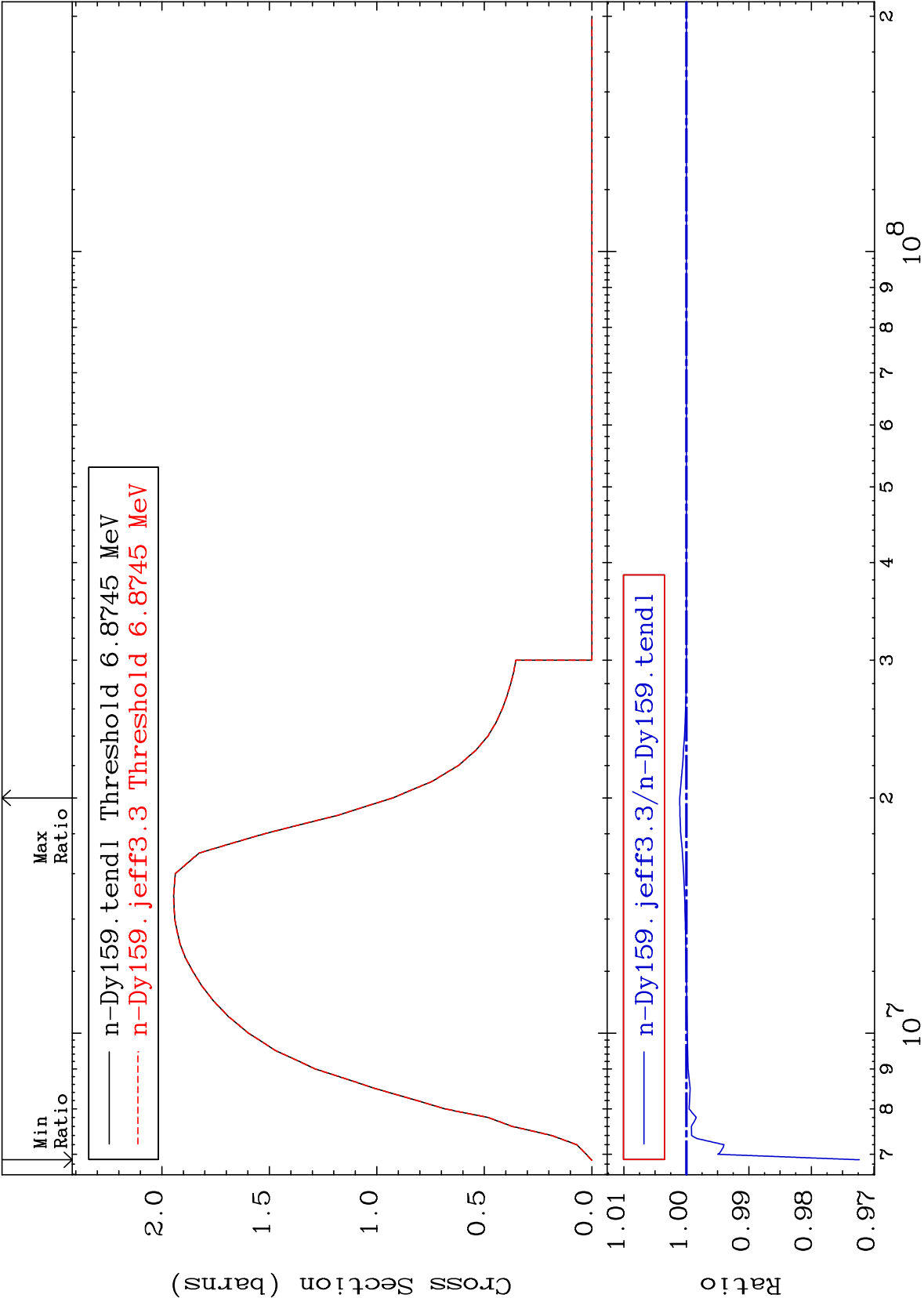


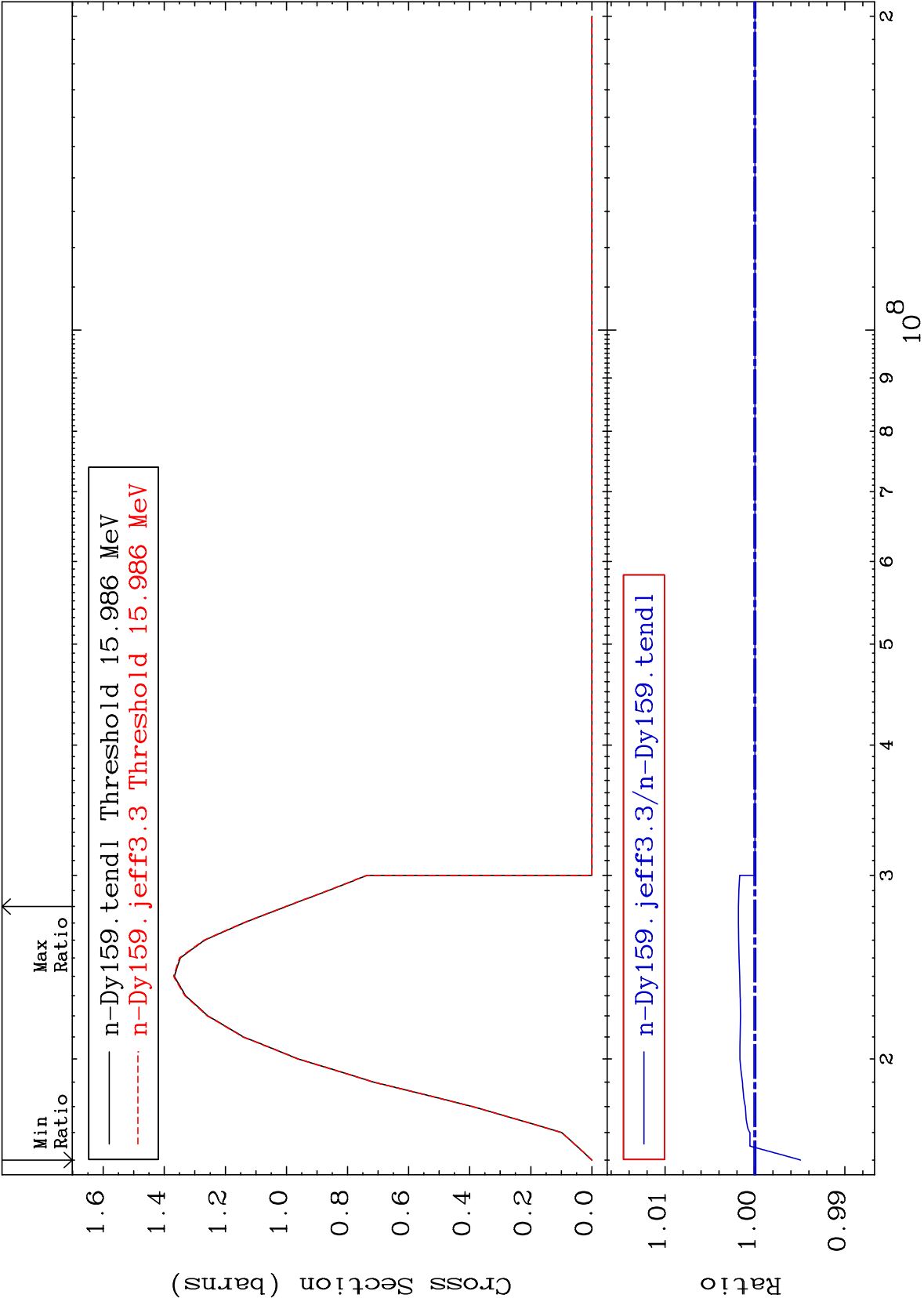
MAT 6634

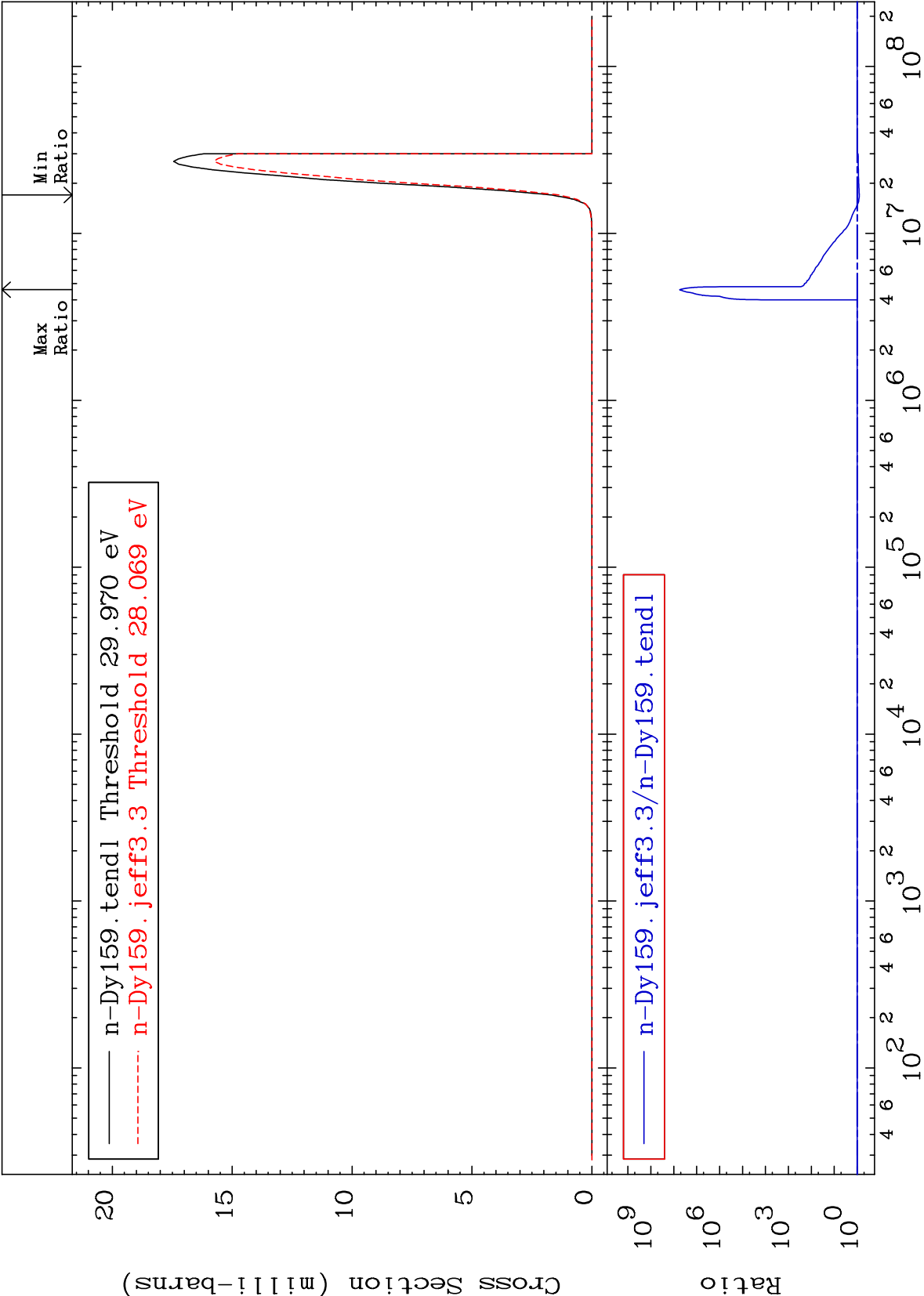
Inelastic
Cross Section
66-Dy-159
0.000 To 0.045 %











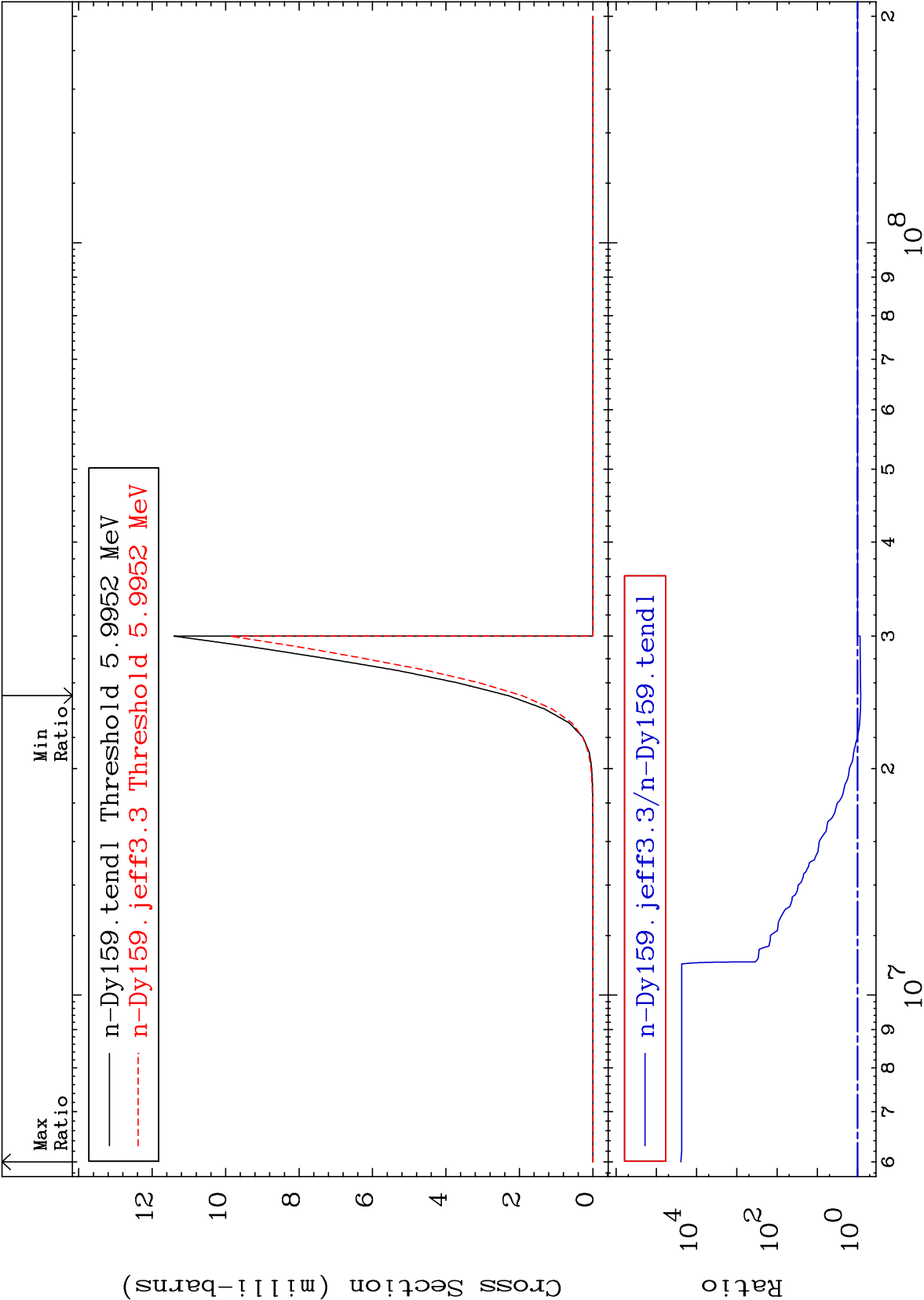
MAT 6634

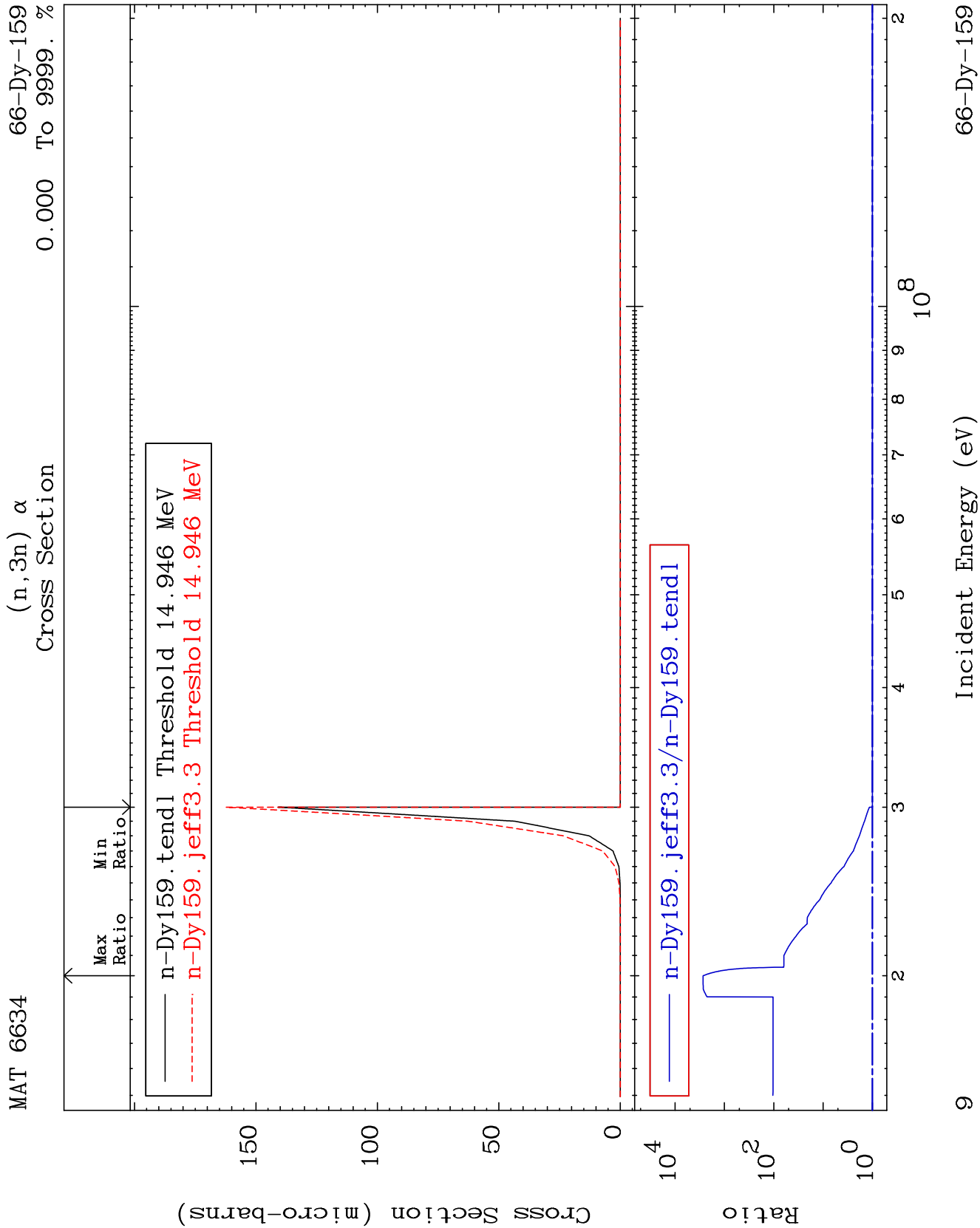
(n,2n) α

66-Dy-159

Cross Section

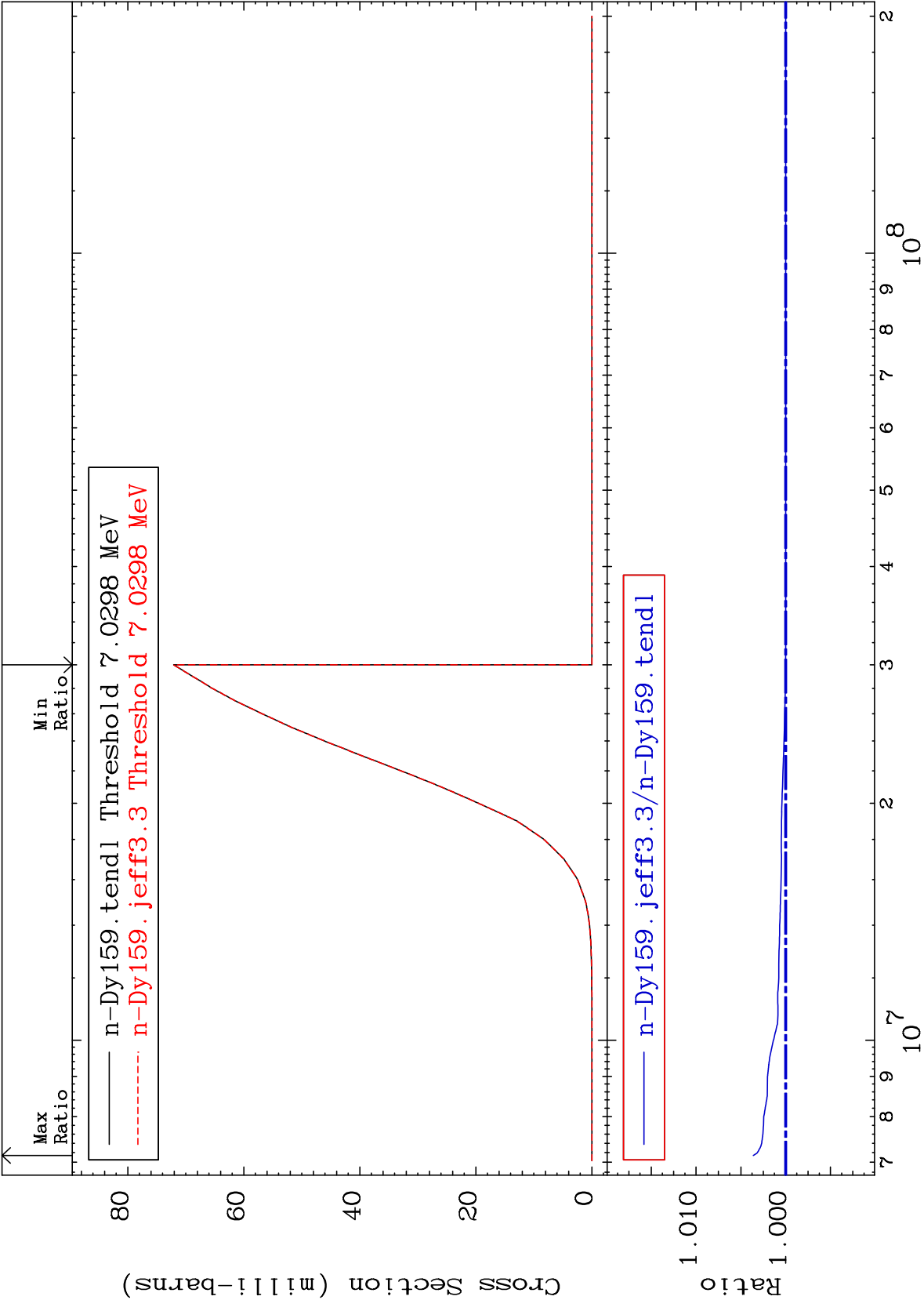
-16.58 To 9999. %





MAT 6634

(n,n') p
Cross Section
66-Dy-159
To 0.360 %



Incident Energy (eV)

10

10^7

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

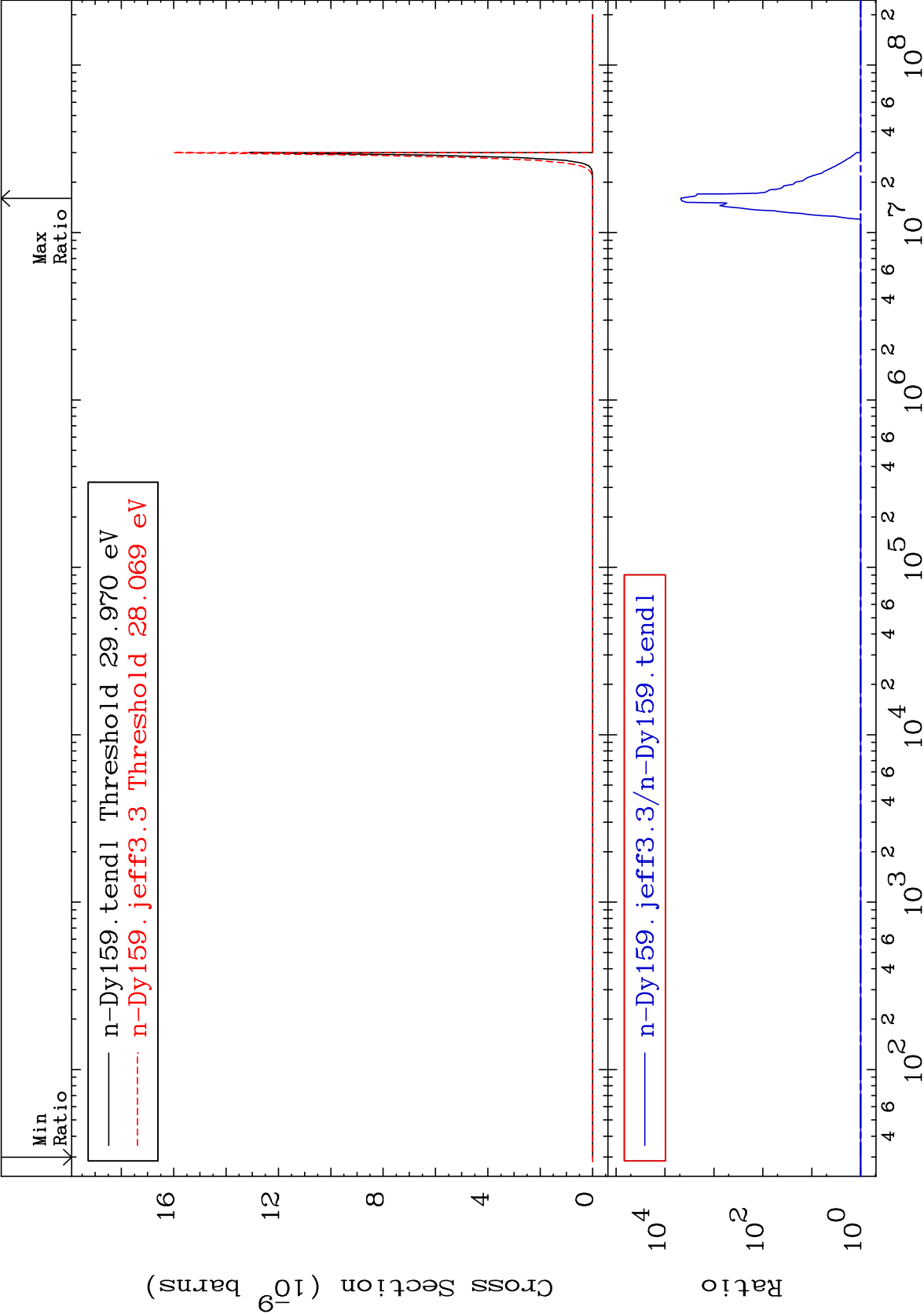
26

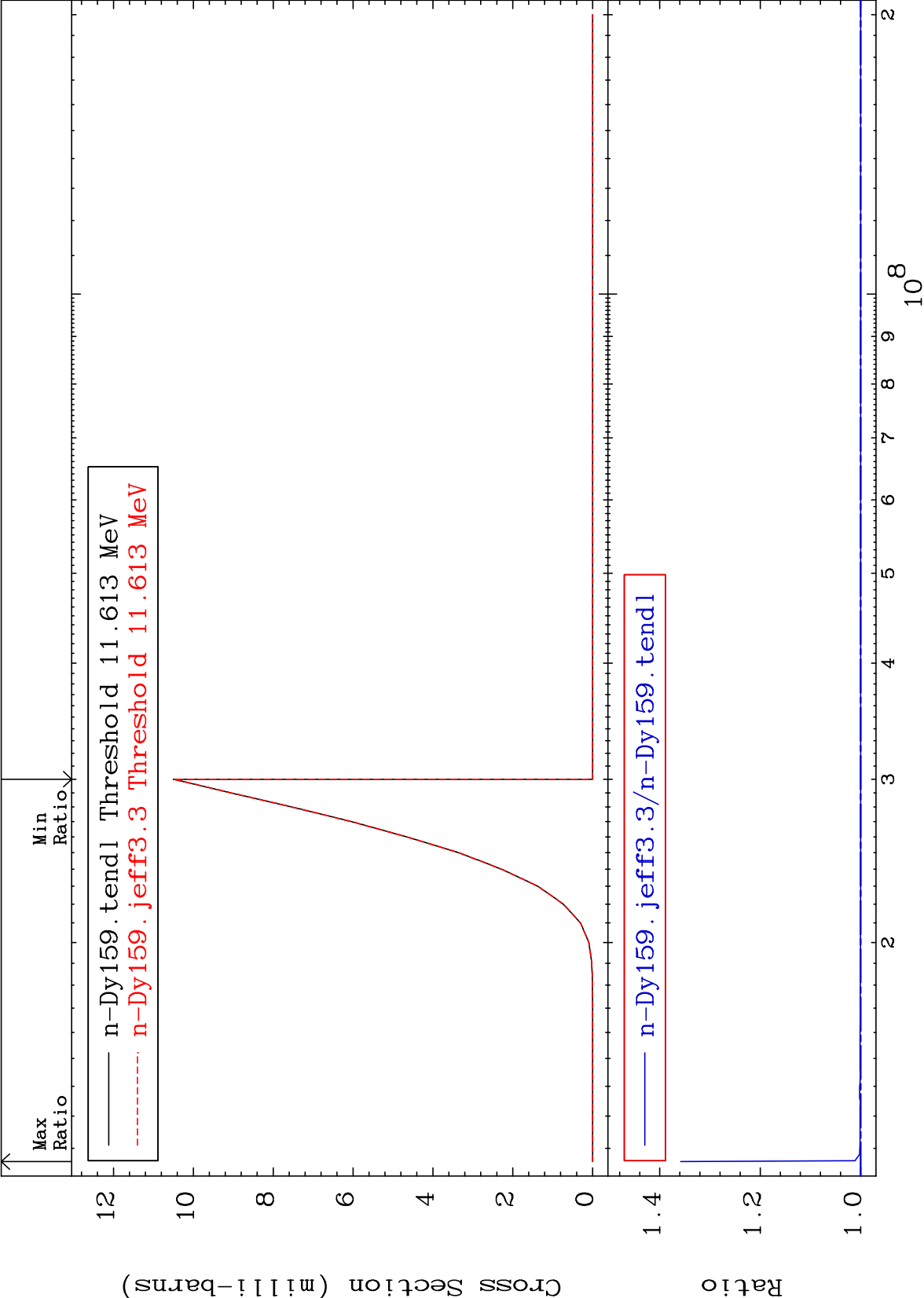
27

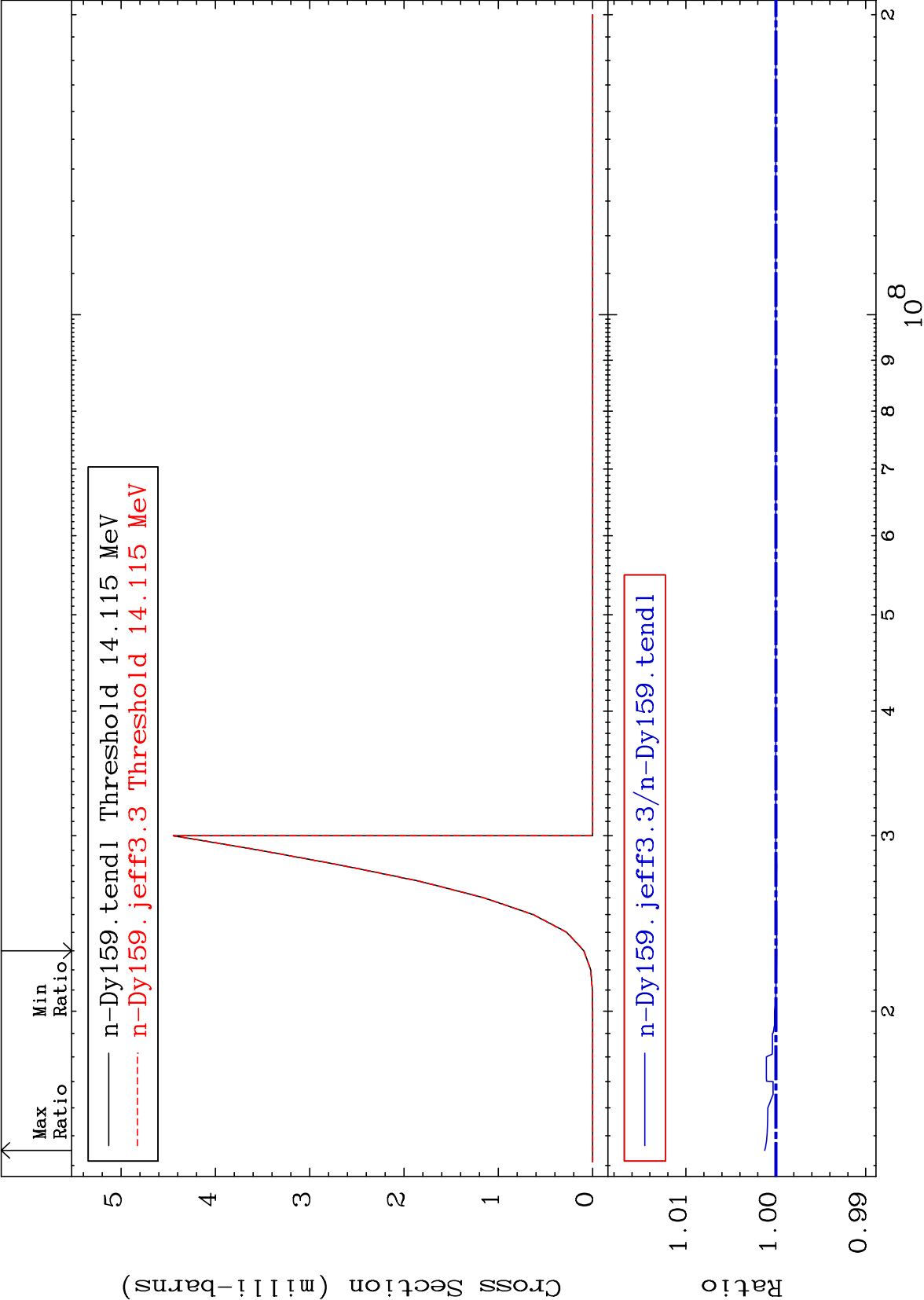
28

29

30



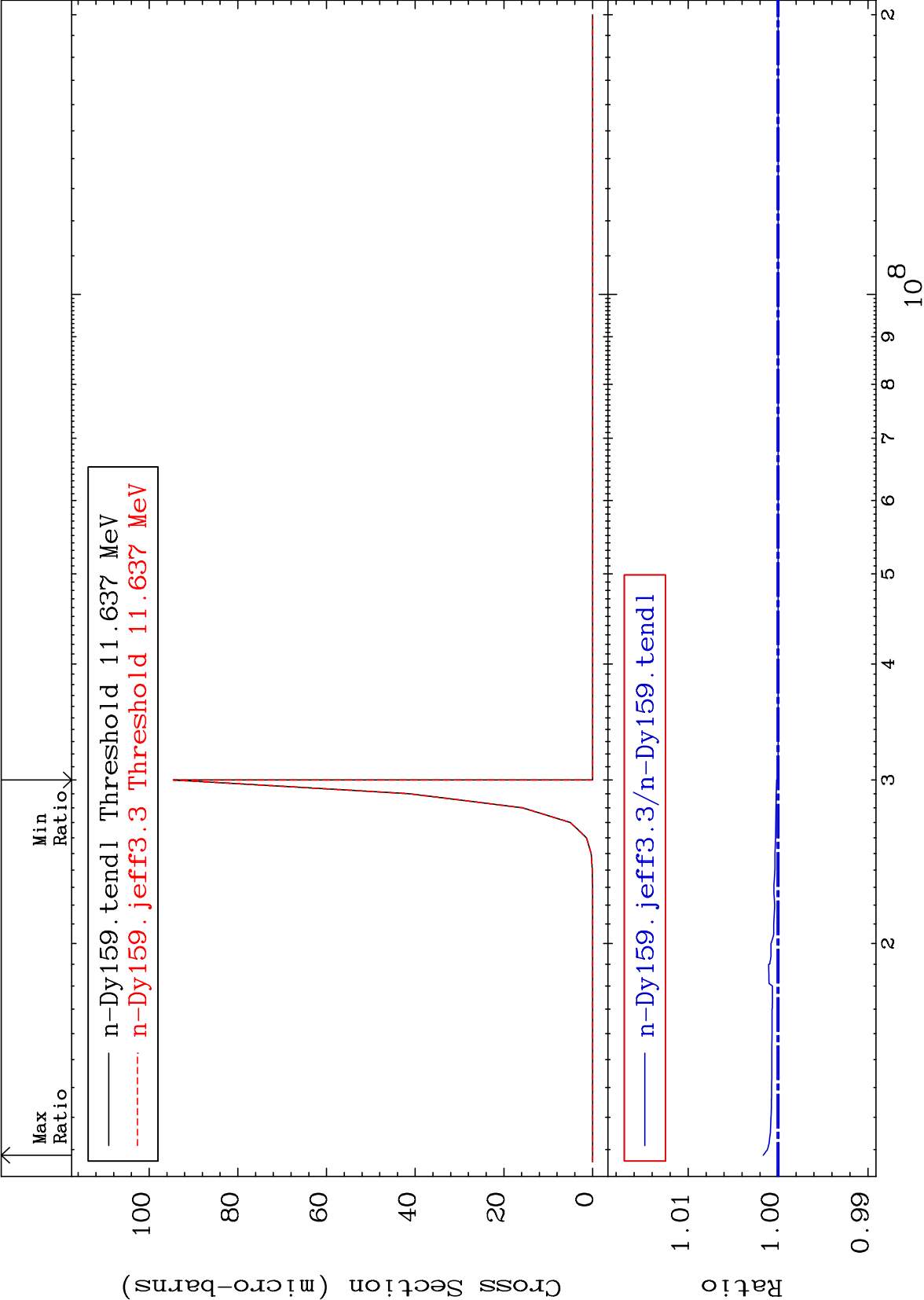




MAT 6634

(n,n') He-3
Cross Section

66-Dy-159
0.000 To 0.164 %



MAT 6634

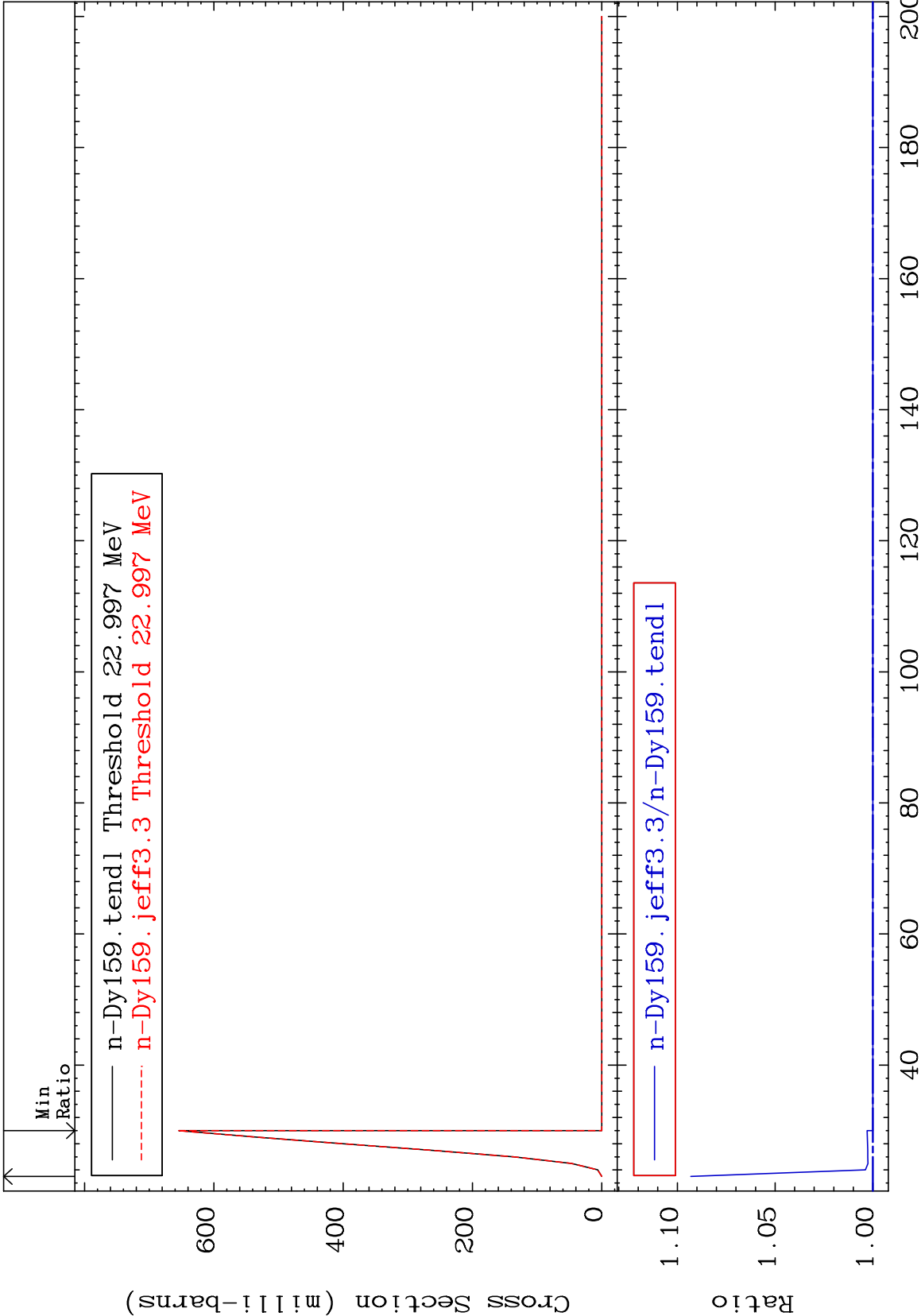
(n,4n)

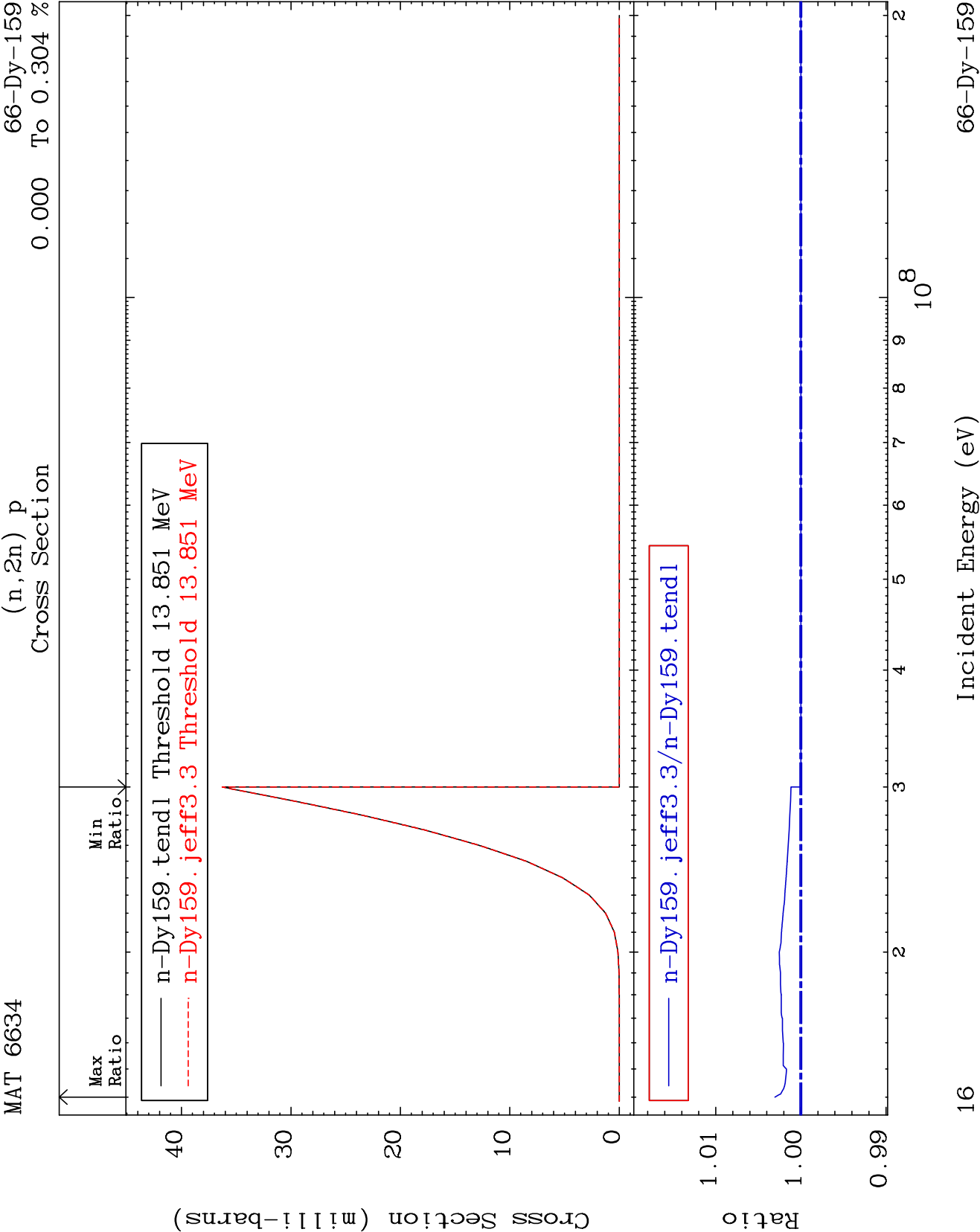
66-Dy-159

Cross Section

0.000

To 9.310 %

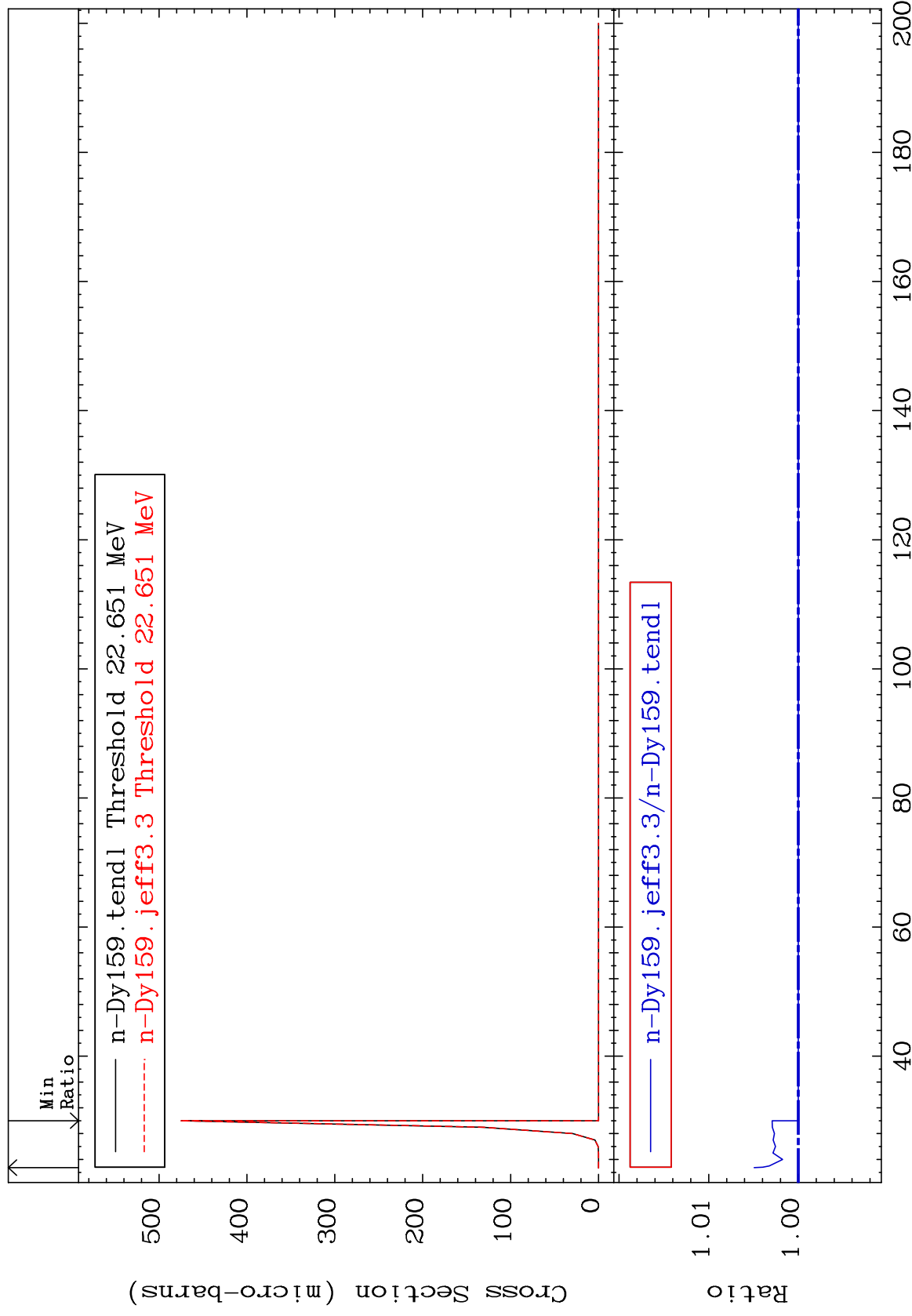




MAT 6634

(n,3n) p
Cross Section

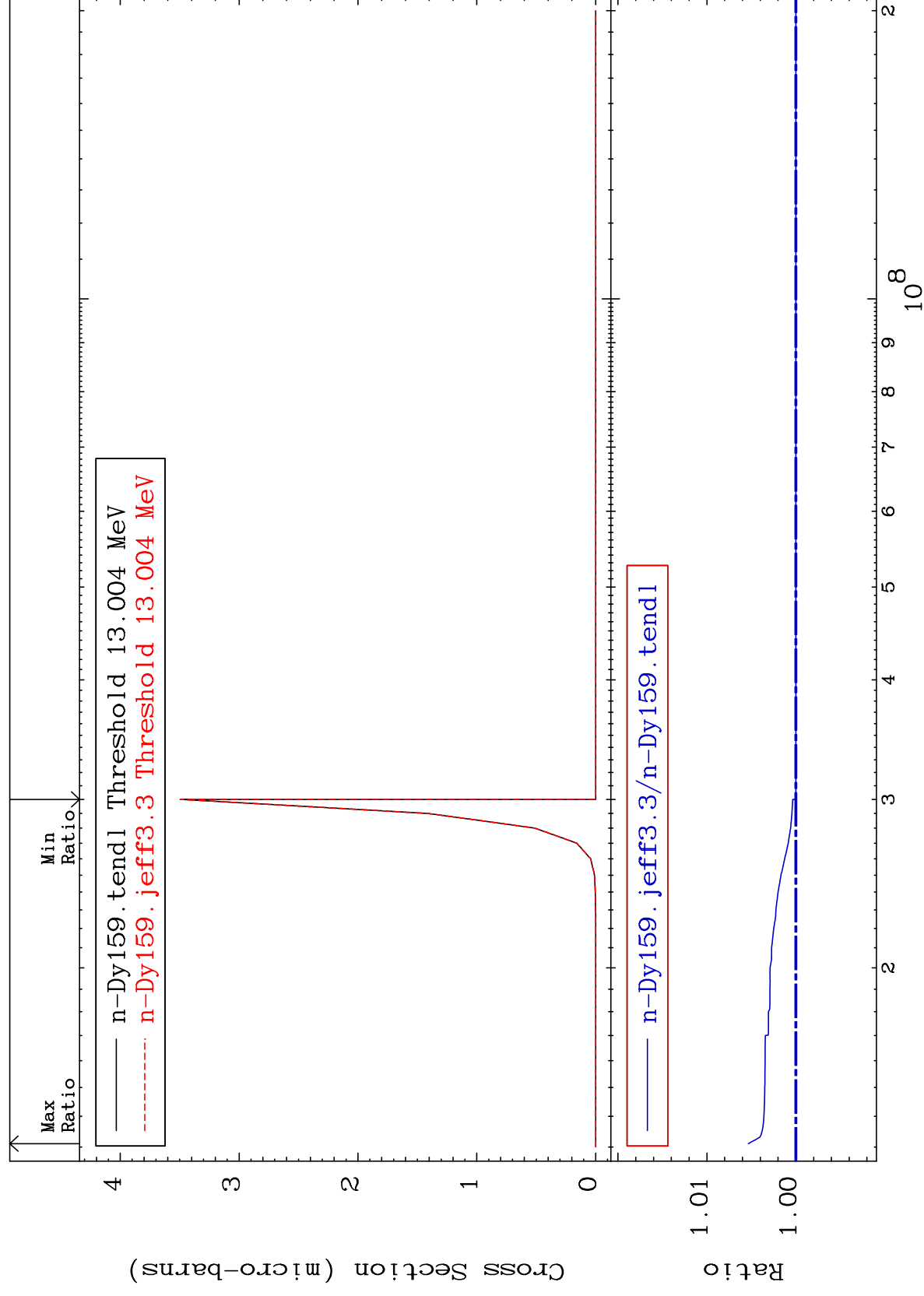
66-Dy-159
0.000 To 0.493 %



MAT 6634

(n, 2n) p
Cross Section

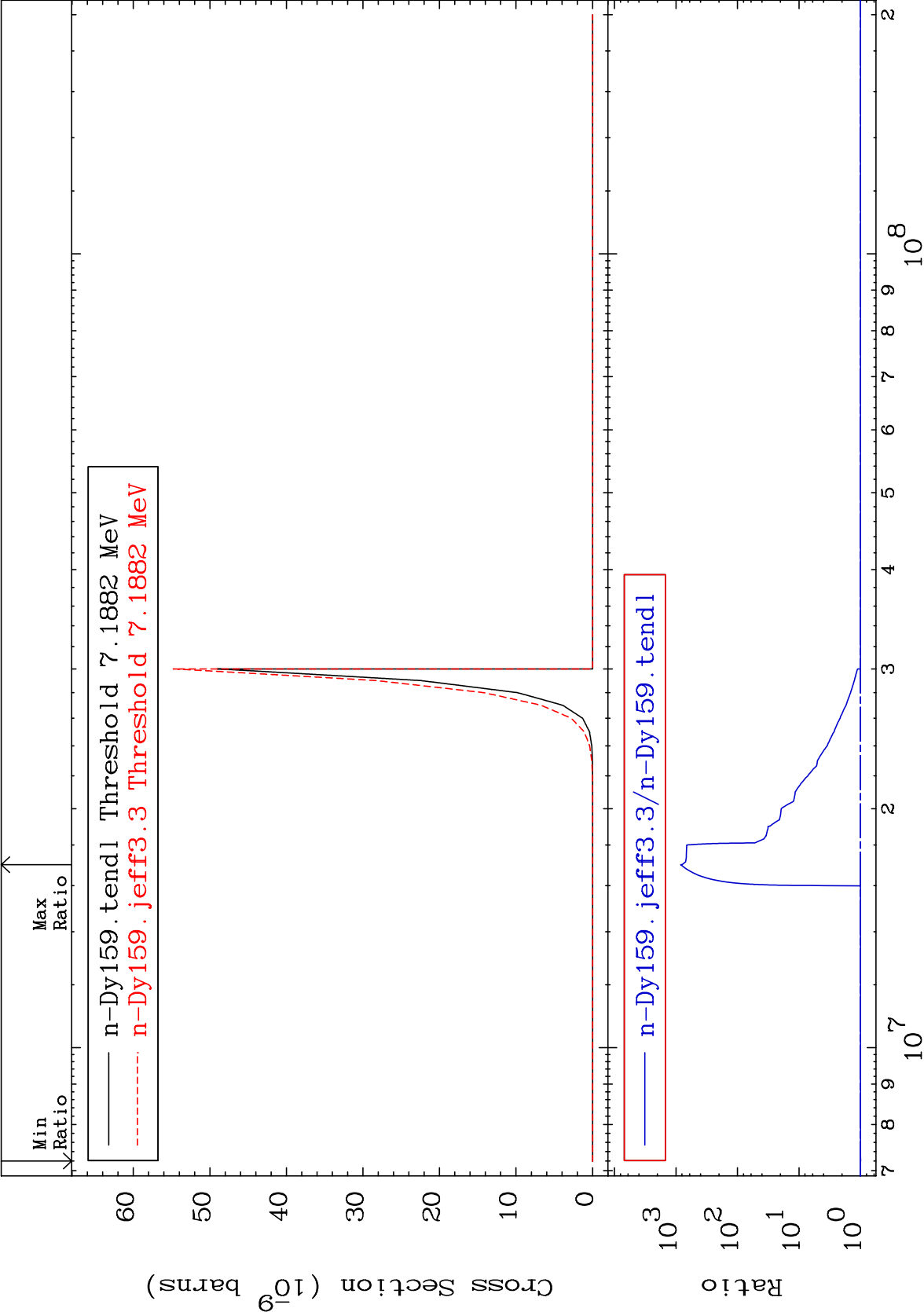
66-Dy-159
0.000 To 0.534 %



18

Incident Energy (eV)

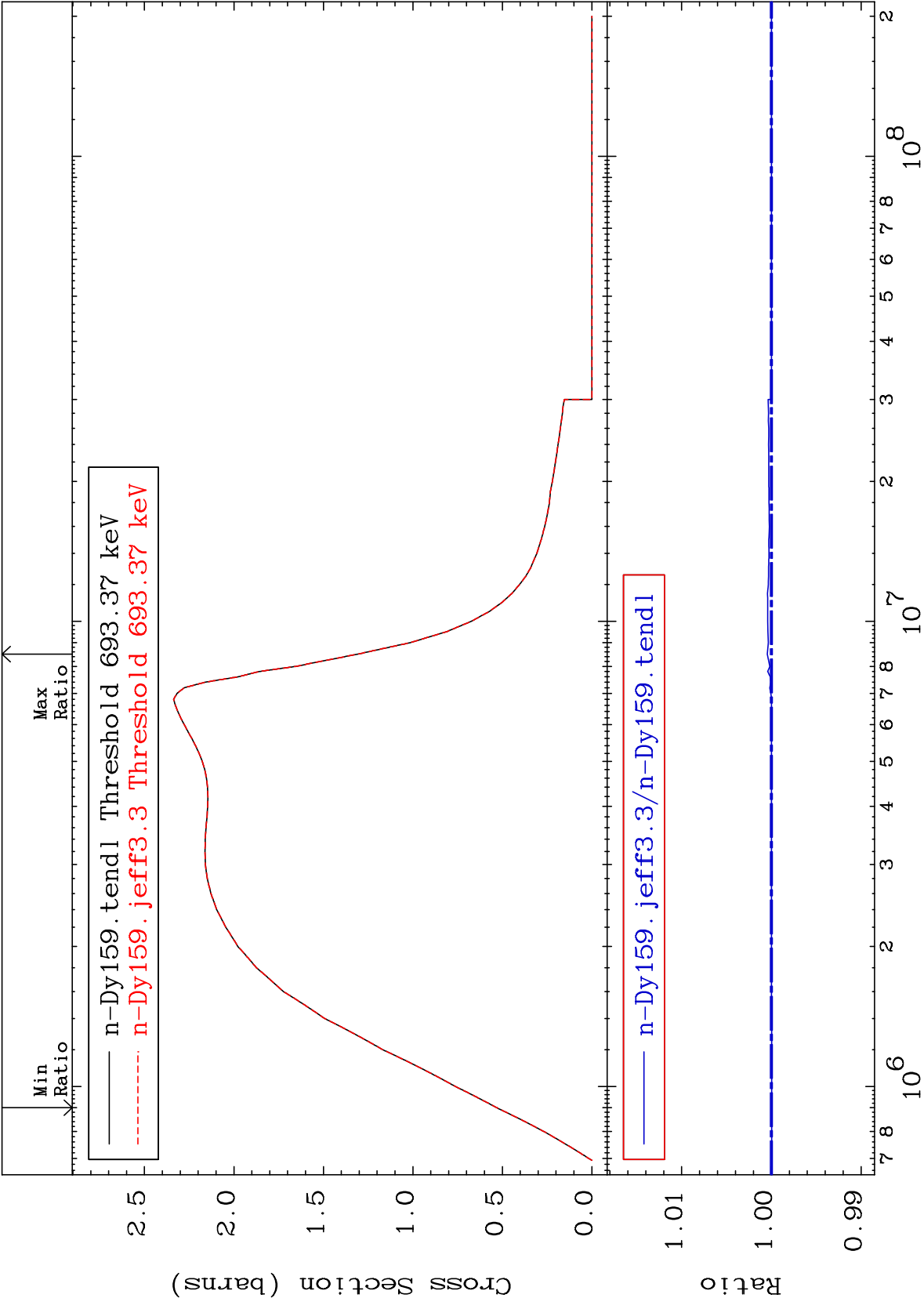
66-Dy-159

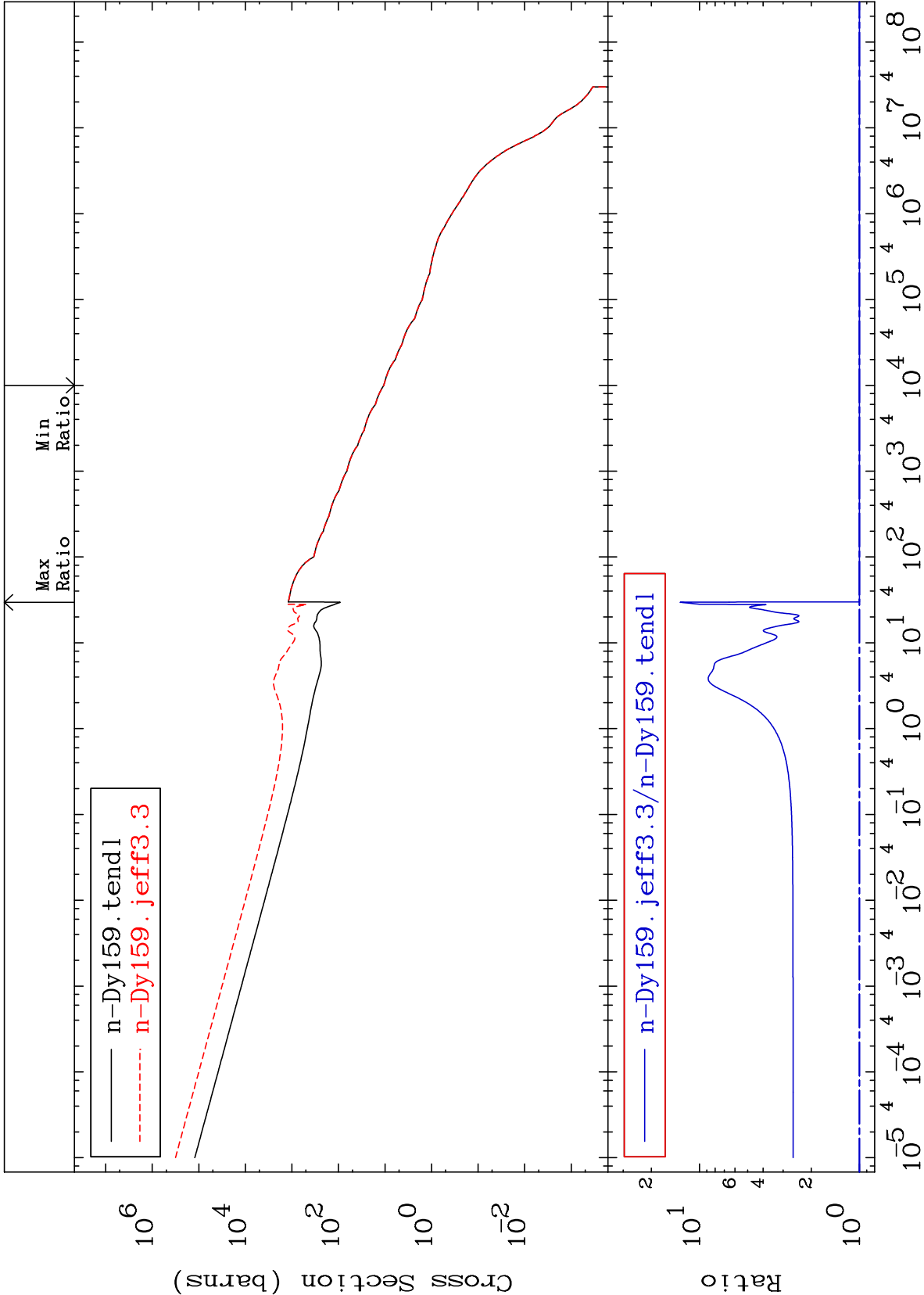


MAT 6634

(n,n') Continuum
Cross Section

66-Dy-159
-0.003 To 0.046 %





MAT 6634

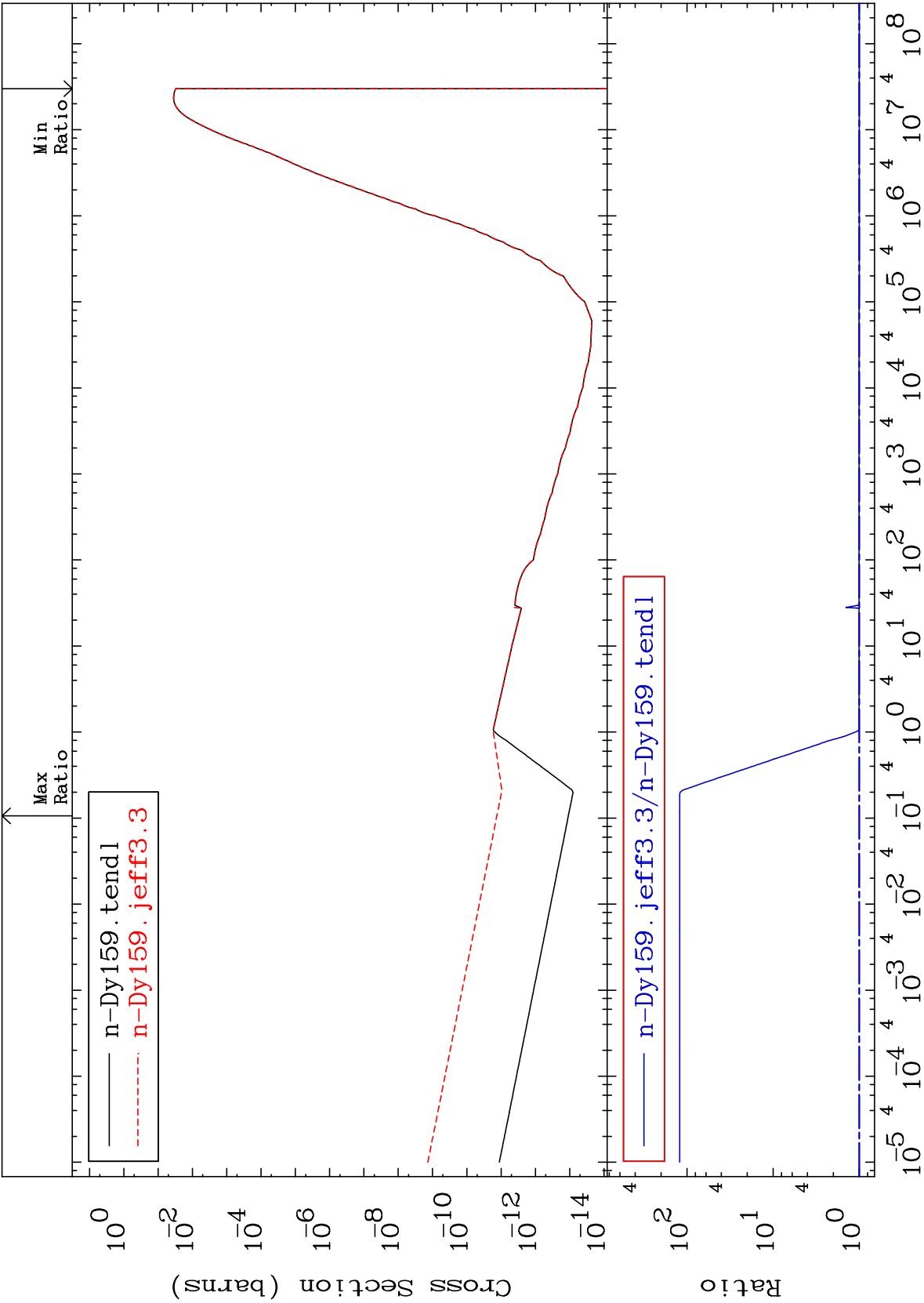
66-Dy-159

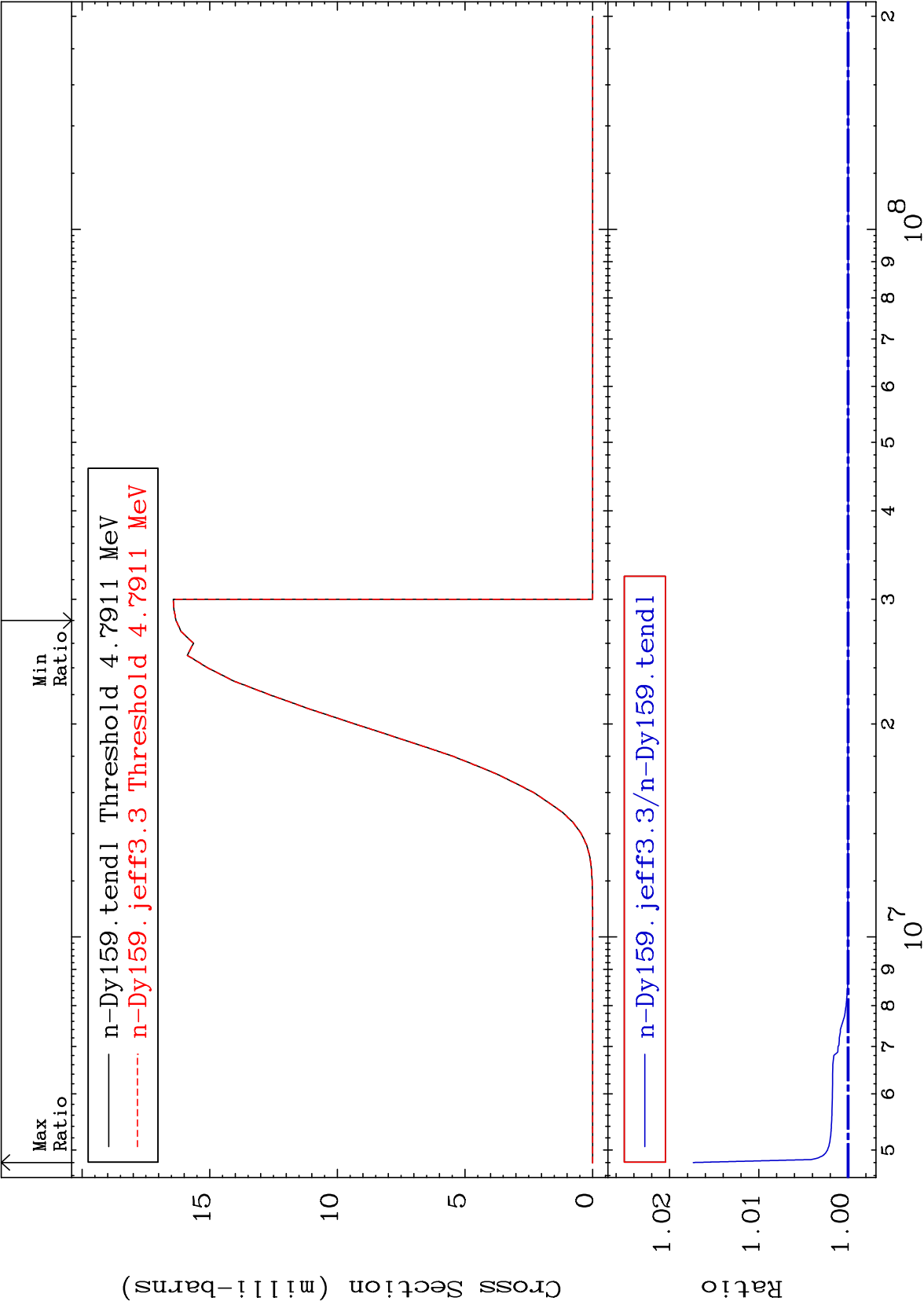
(n,p)

Cross Section

0.000

To 9999. %





MAT 6634

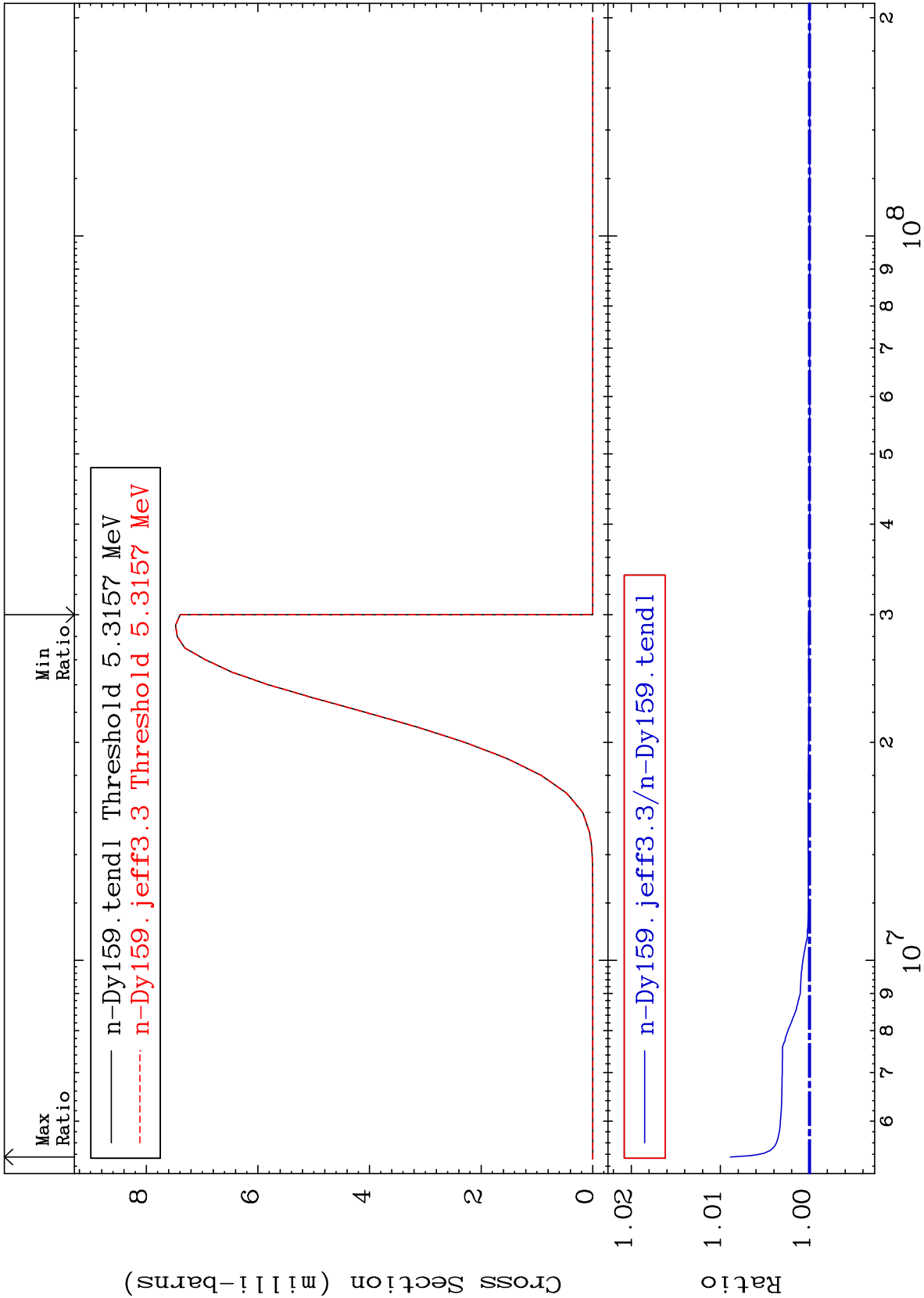
66-Dy-159

(n,t)

Cross Section

0.000

To 0.889 %



24

Incident Energy (eV)

66-Dy-159

MAT 6634

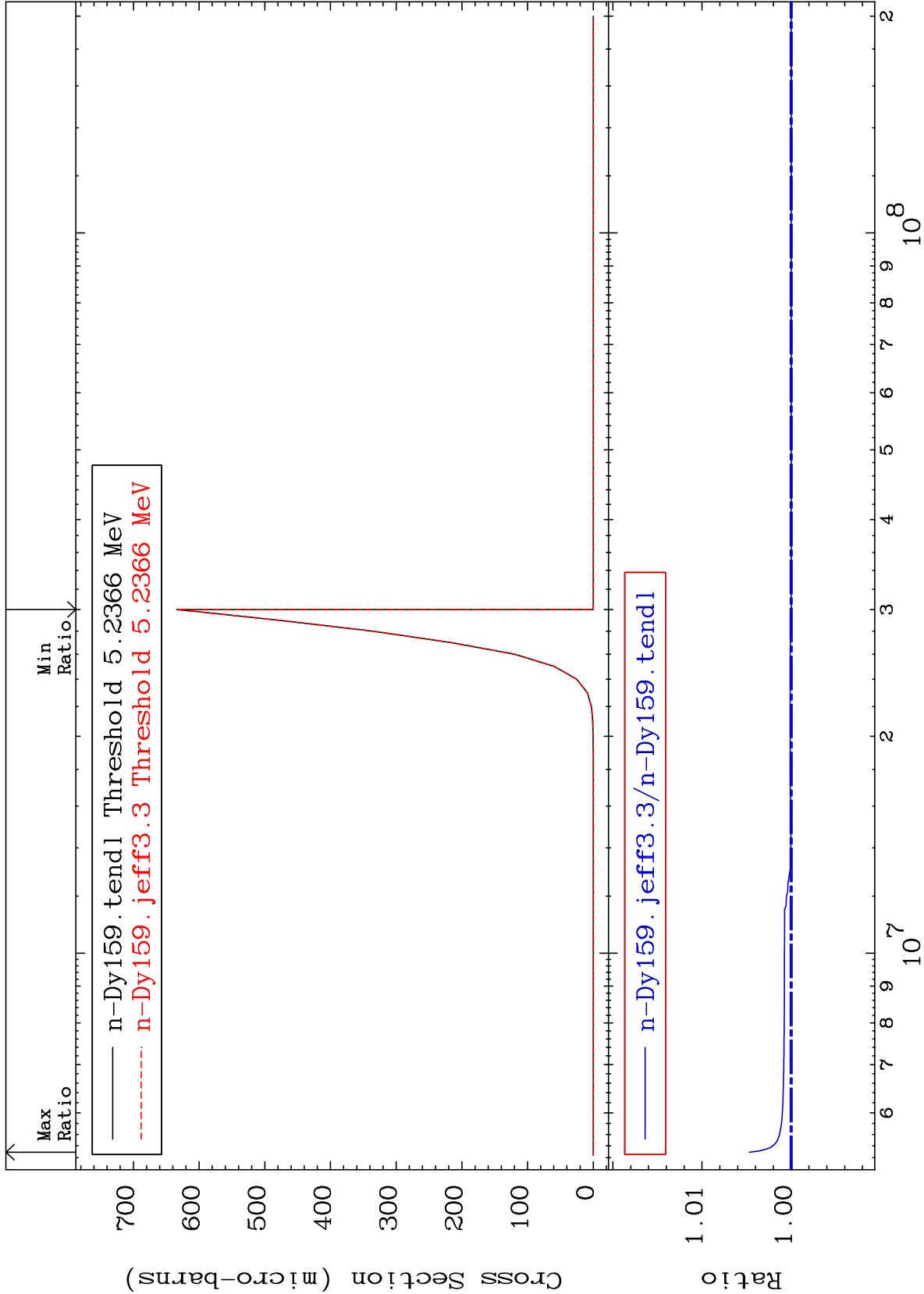
(n,He-3)

66-Dy-159

Cross Section

0.000

To 0.472 %



25

Incident Energy (eV)

66-Dy-159

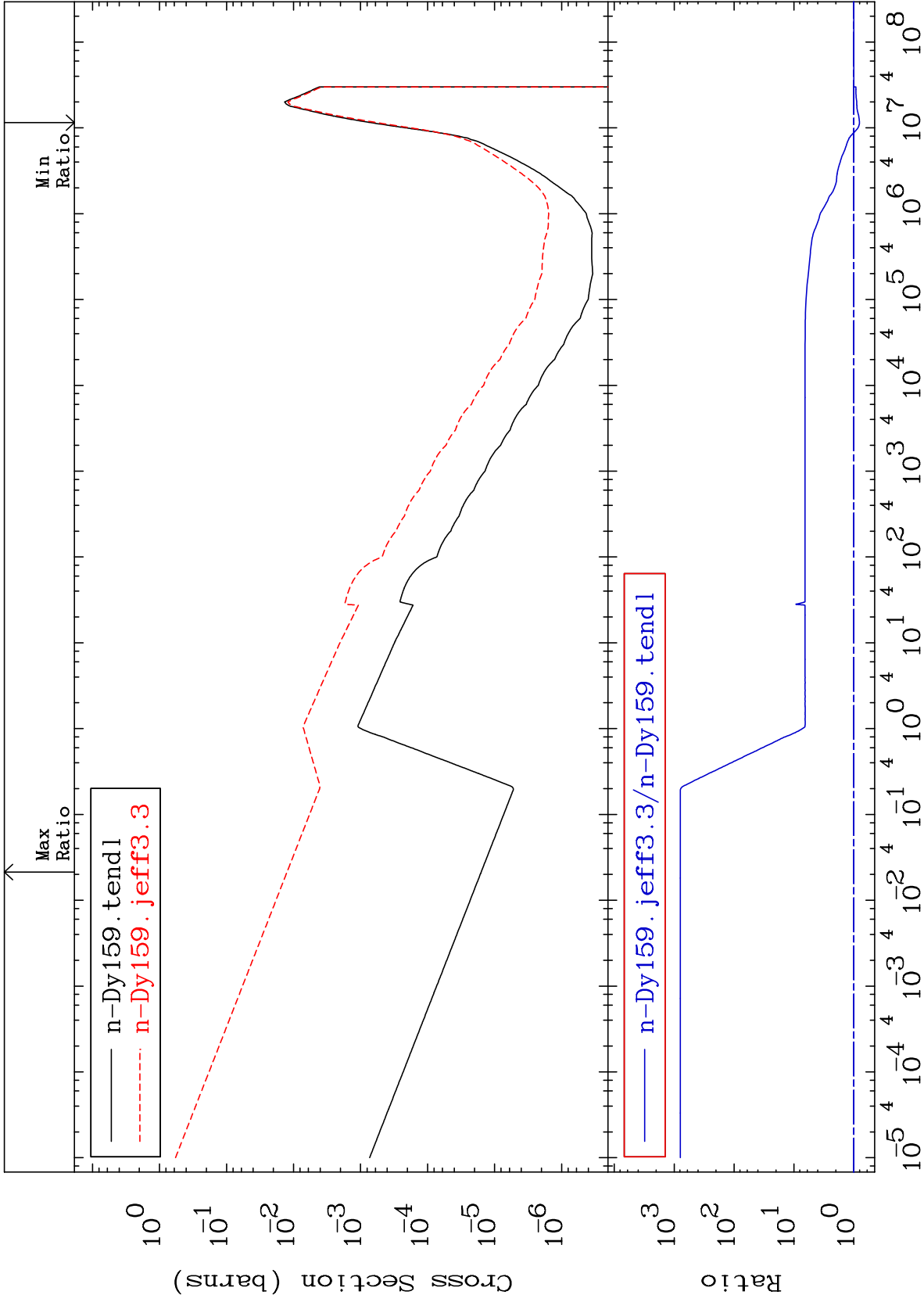
MAT 6634

66-Dy-159

(n, α)

Cross Section

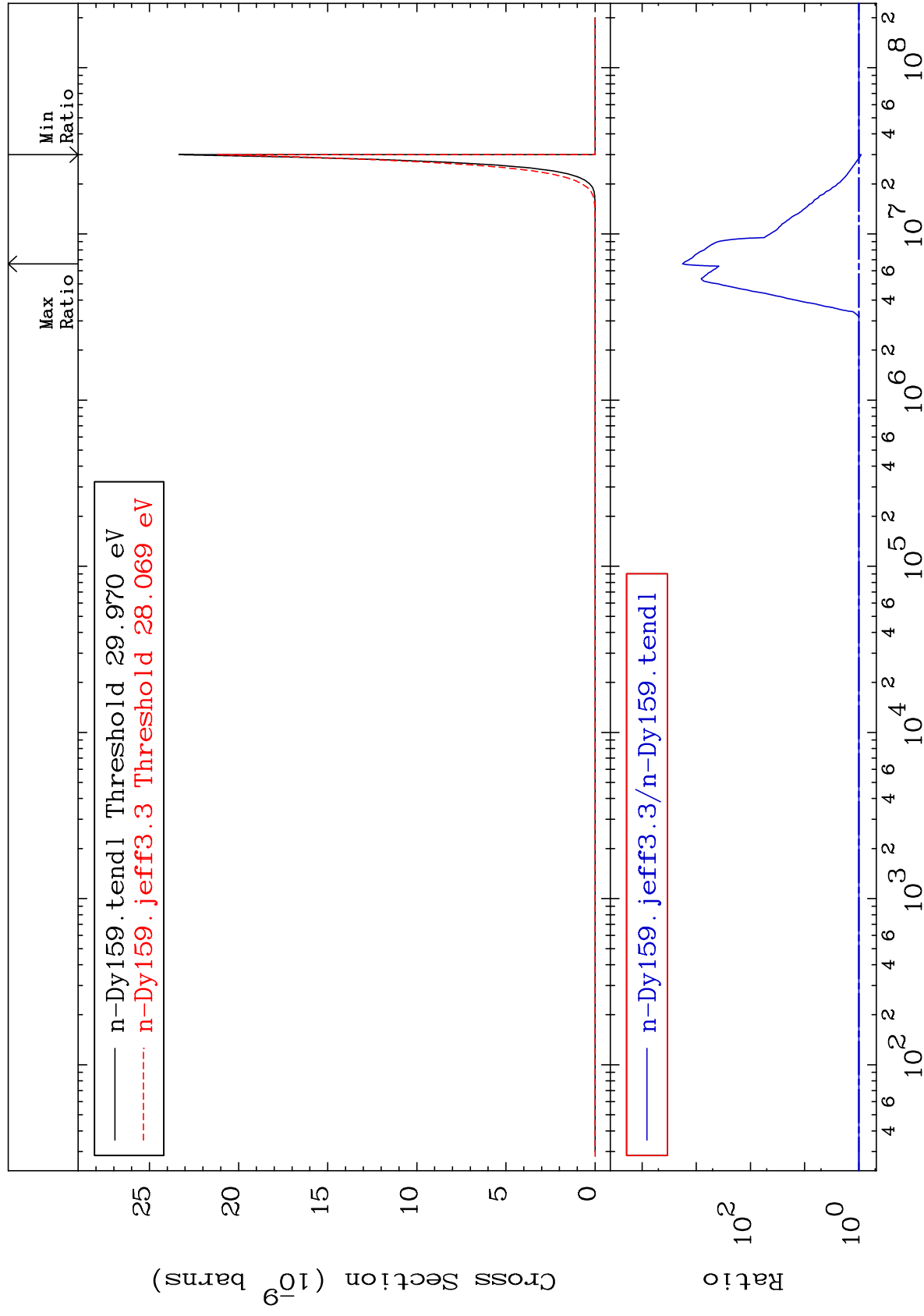
-19.33 To 9999. %



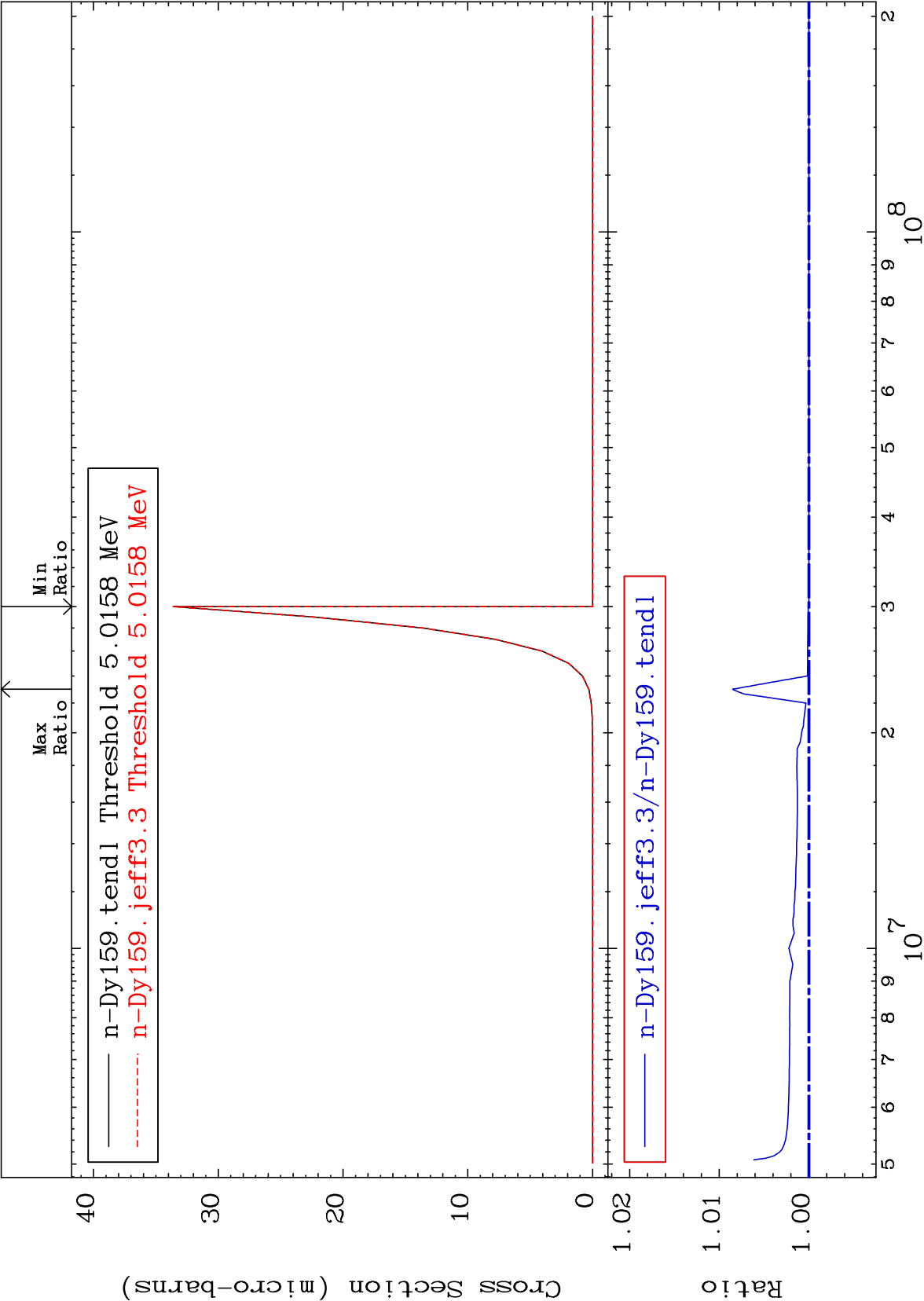
66-Dy-159

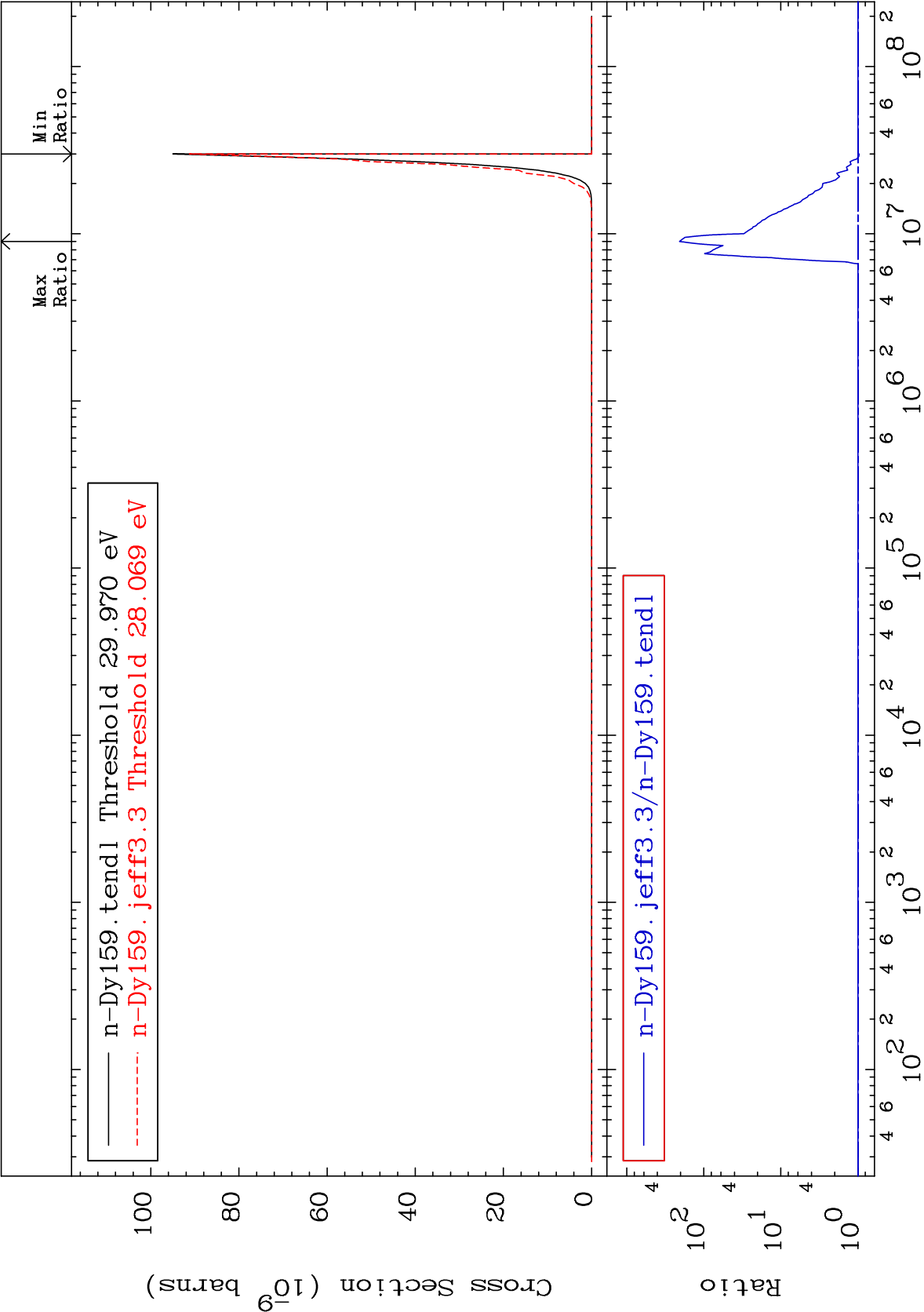
Cross Section

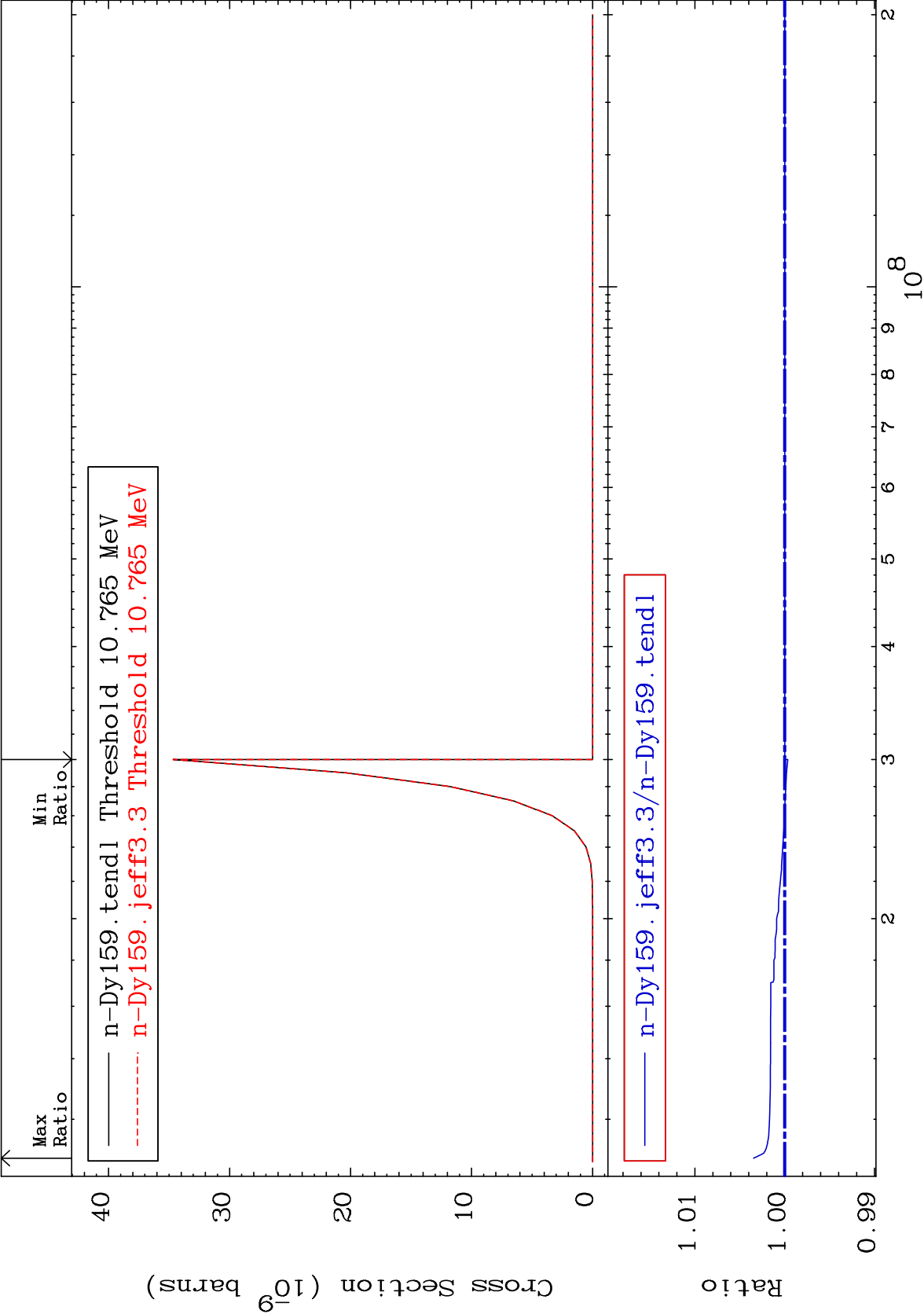
-9.320 To 9999. %

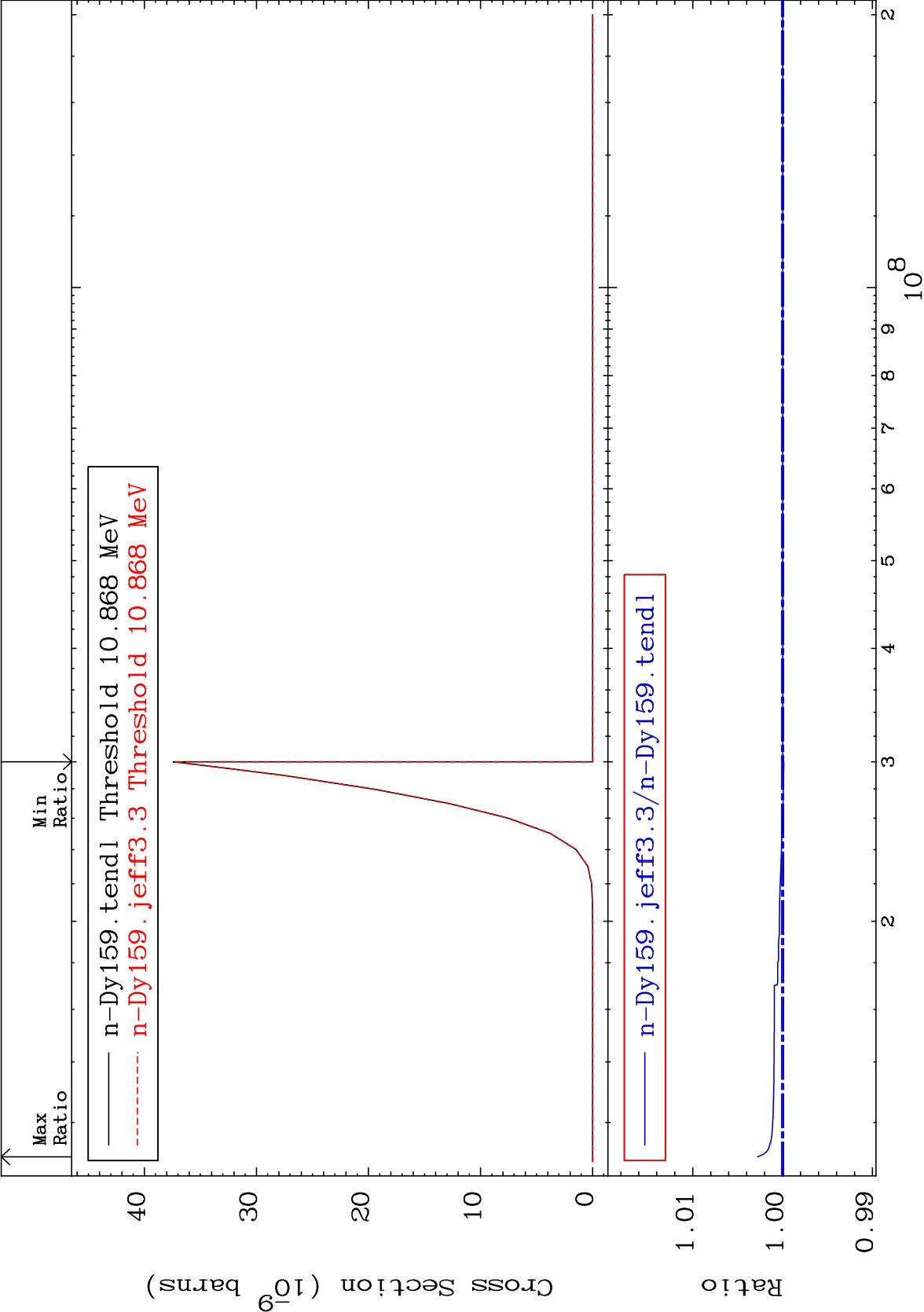


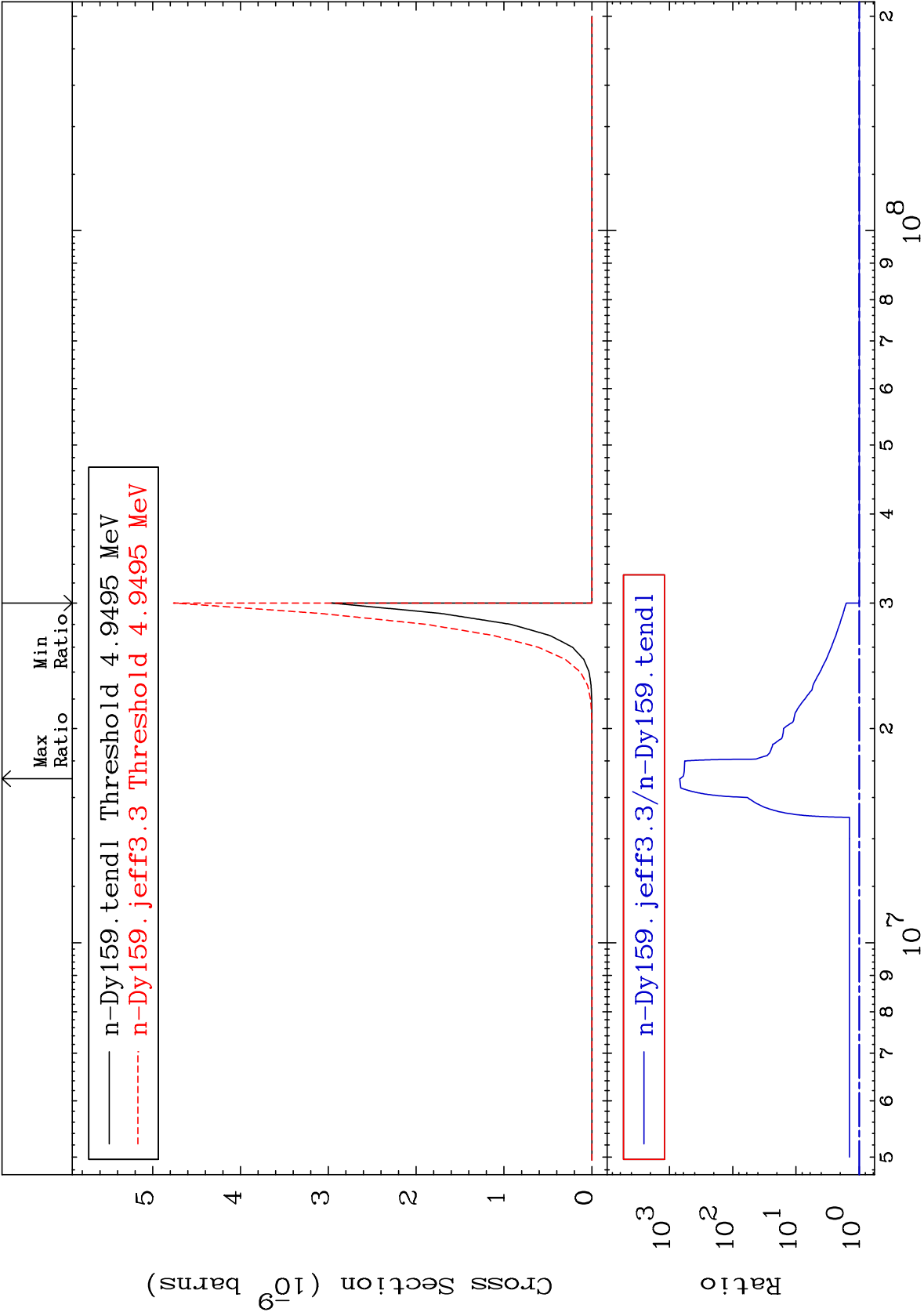
66-Dy-159

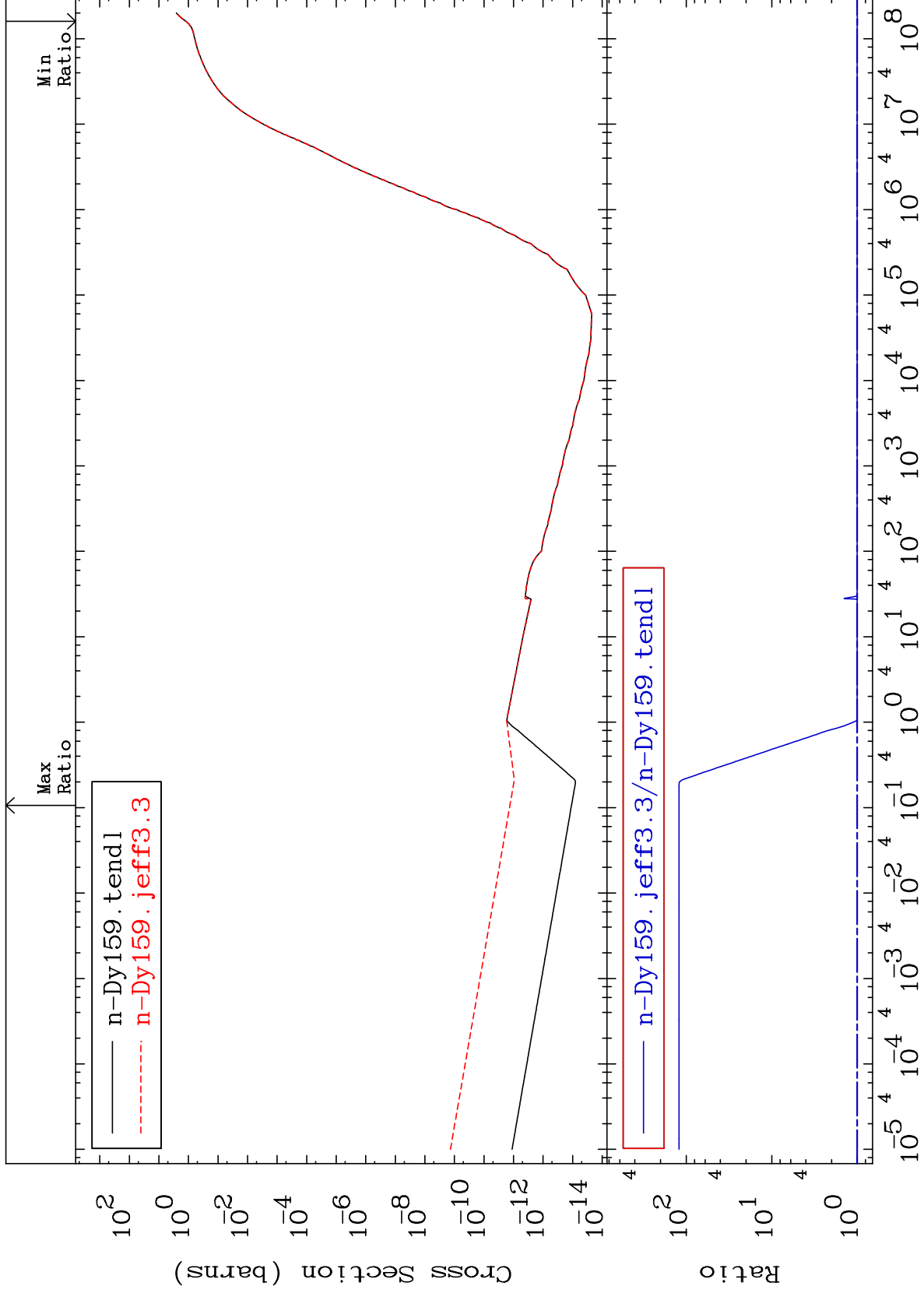








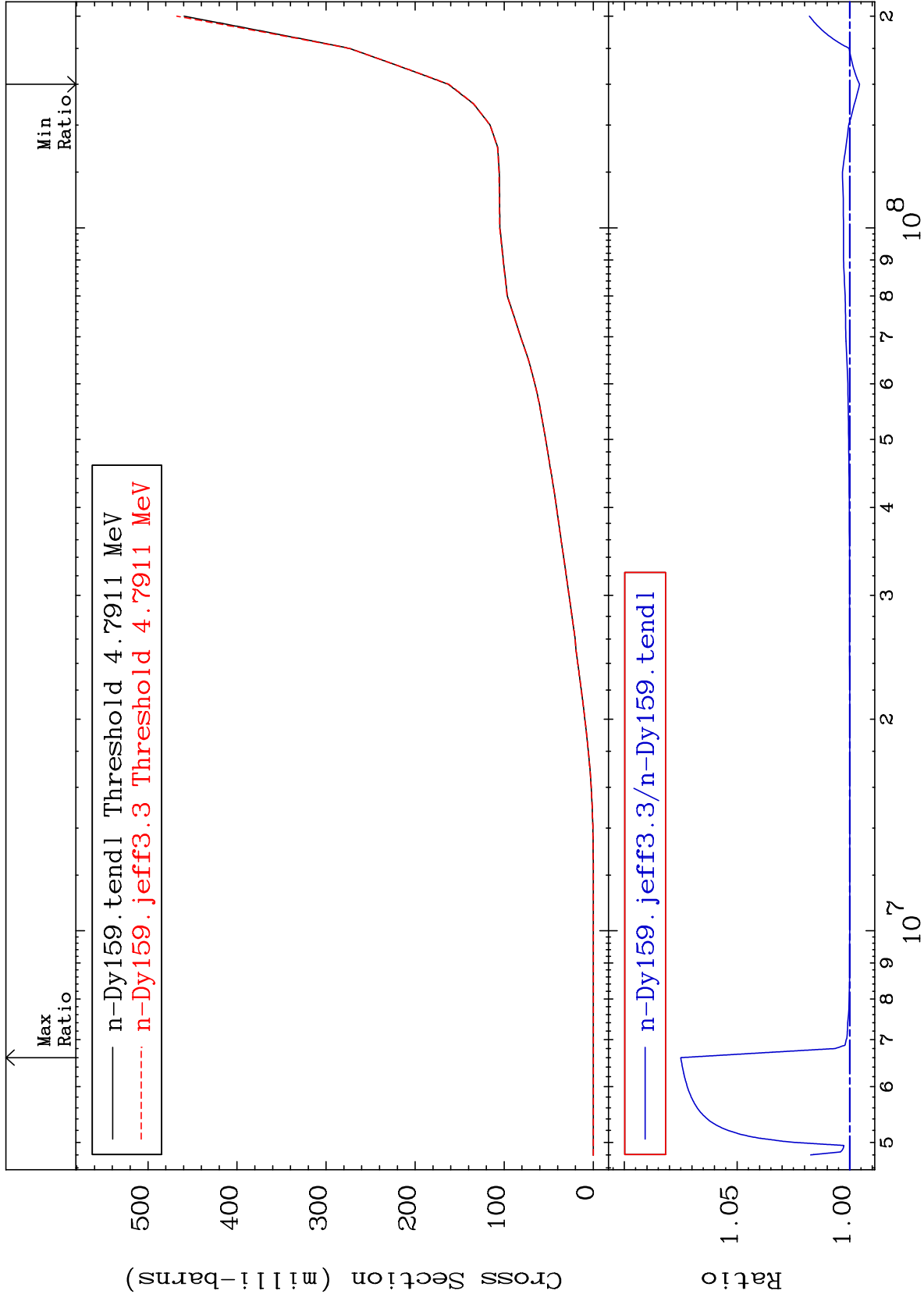


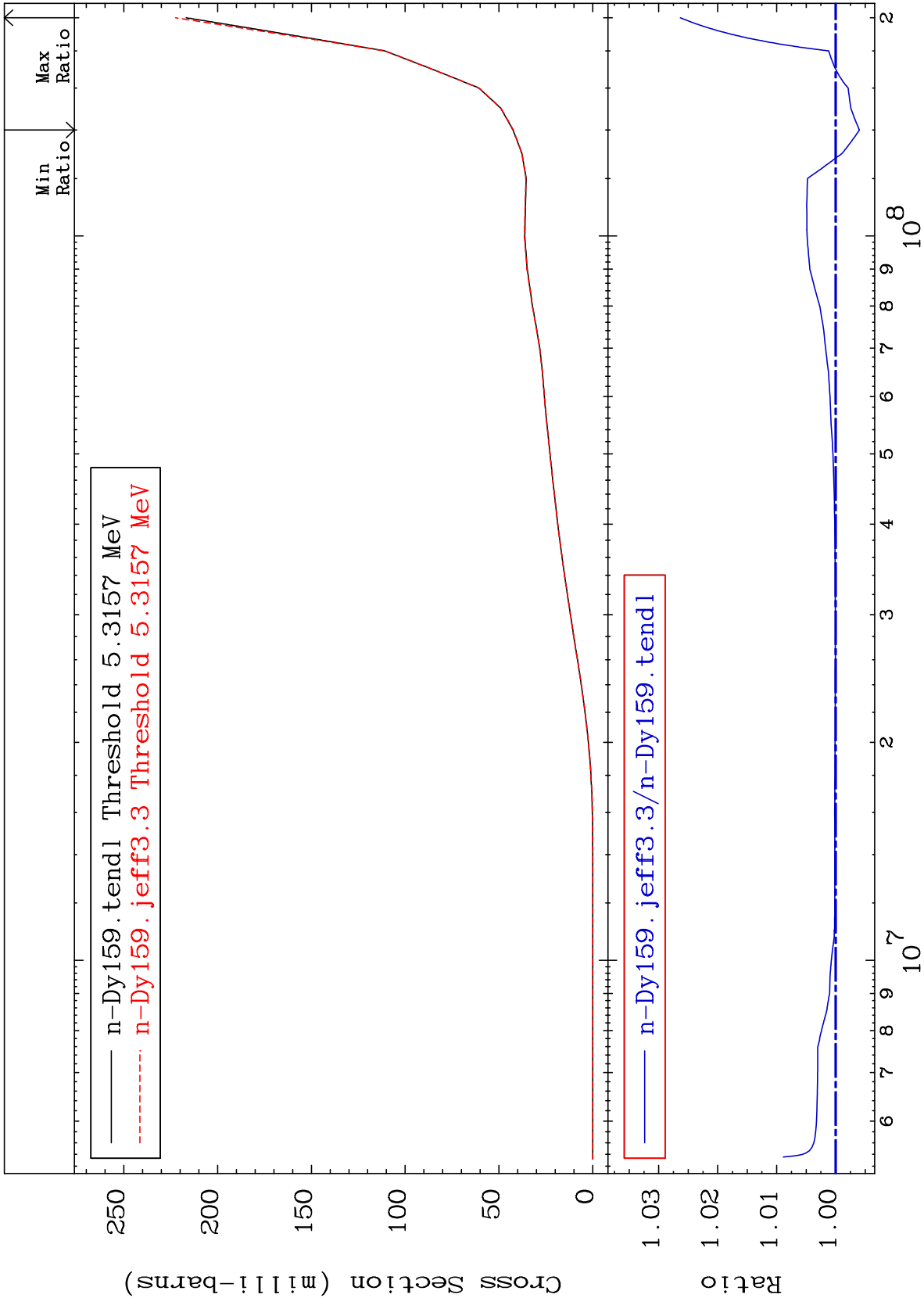


MAT 6634

Deuterium Production
Cross Section

66-Dy-159
-0.437 To 7.497 %

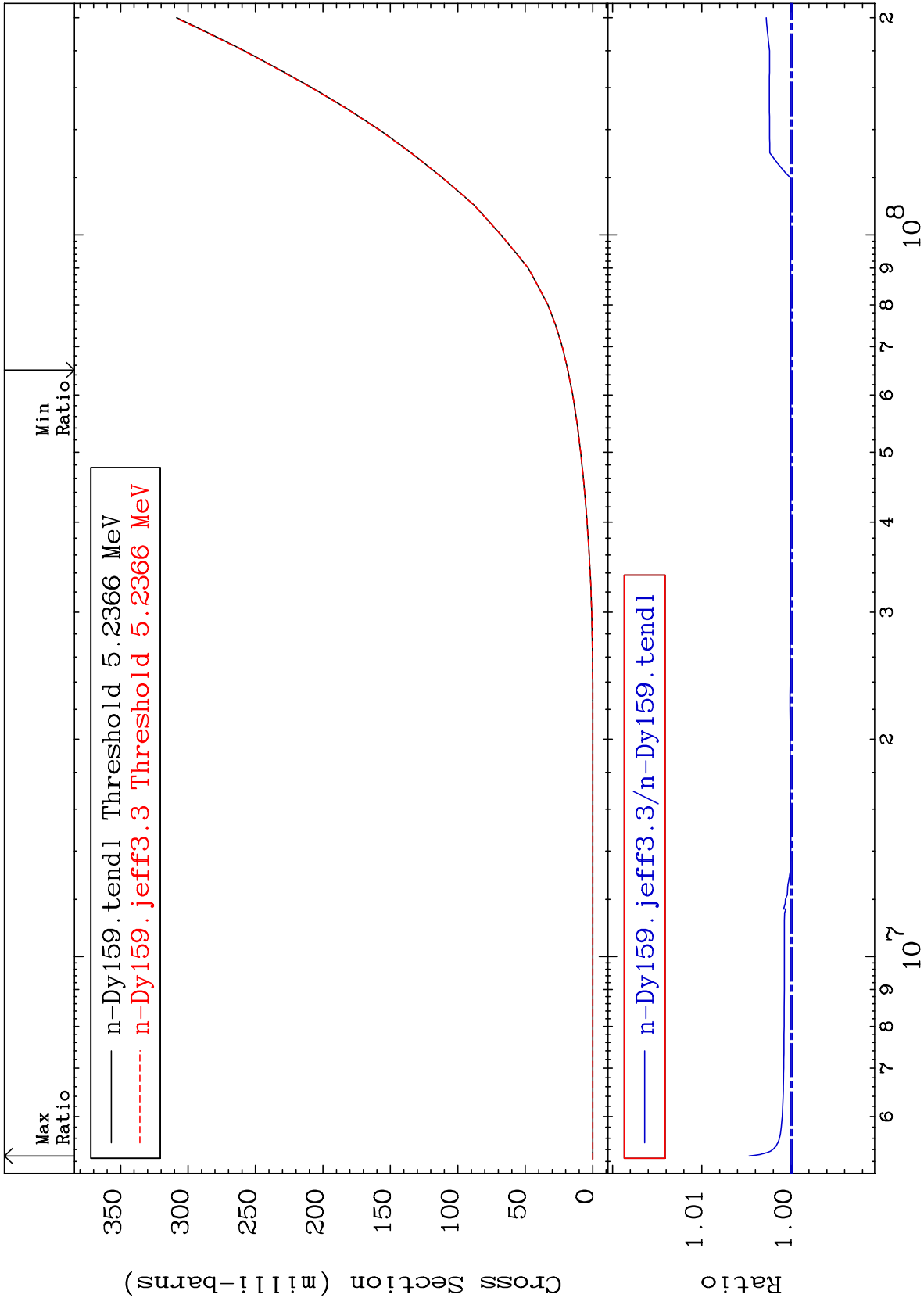




MAT 6634

He-3 Production
Cross Section

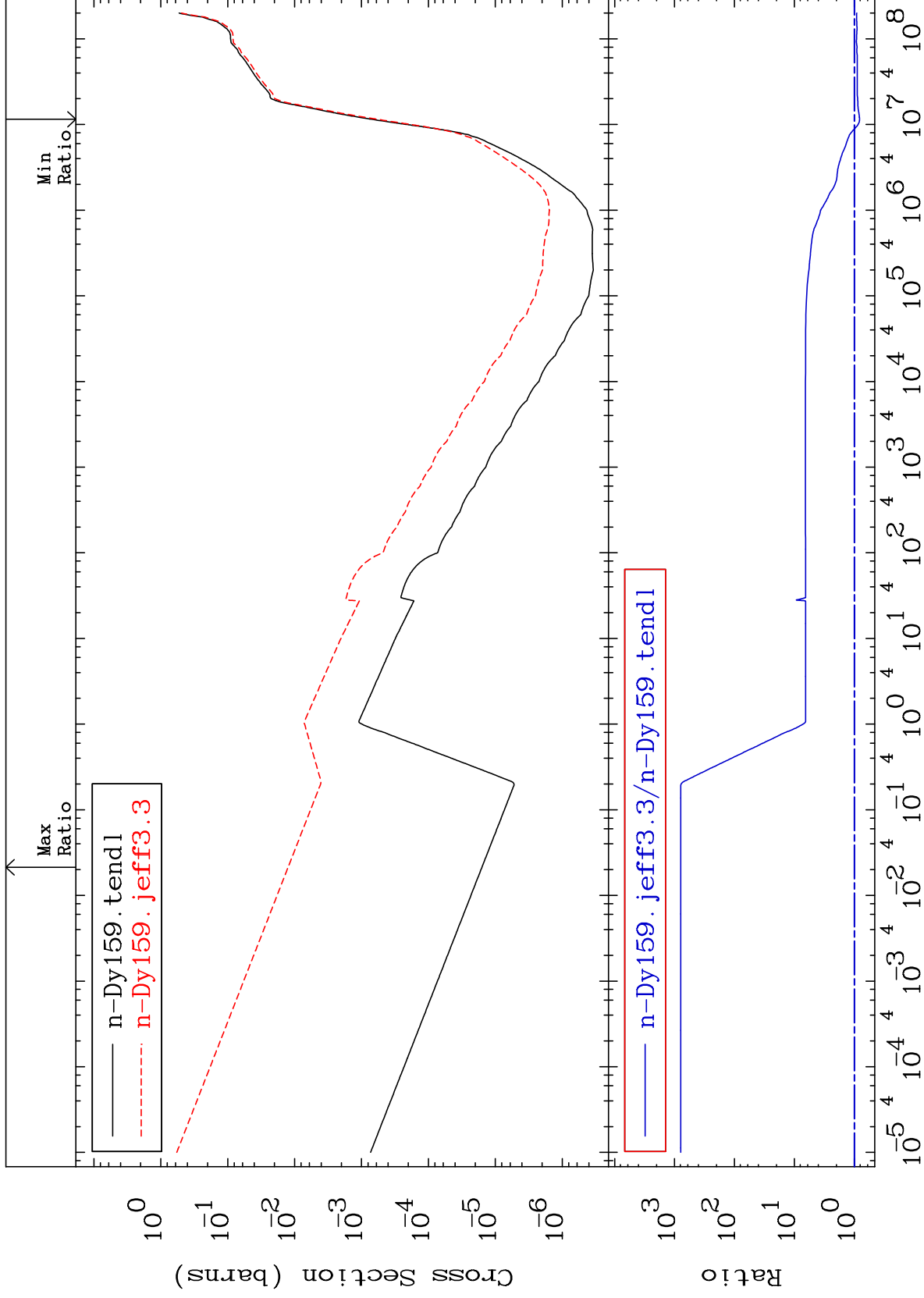
66-Dy-159
0.003 To 0.472 %



MAT 6634

He-4 Production
Cross Section

66-Dy-159
-17.96 To 9999. %



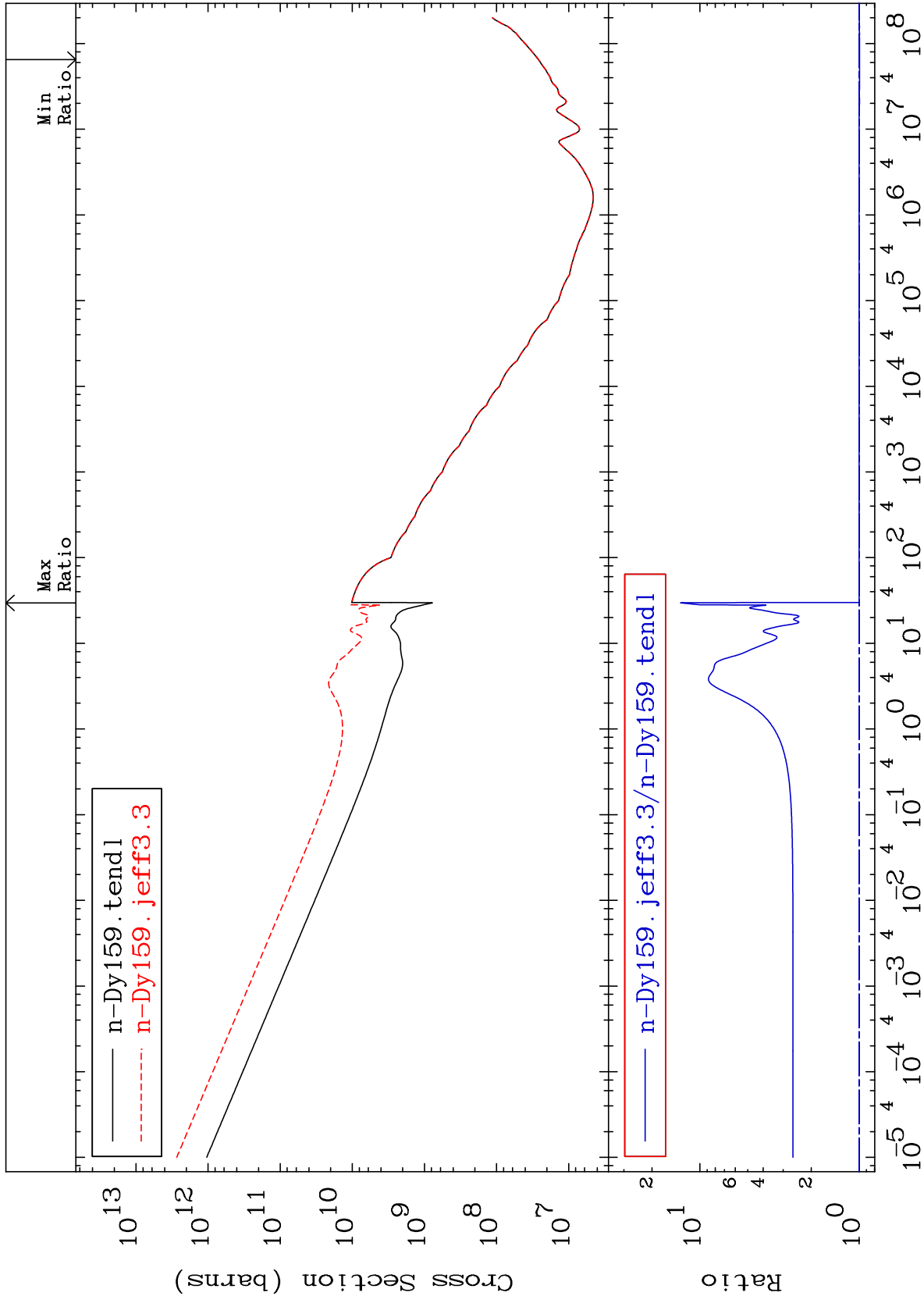
37

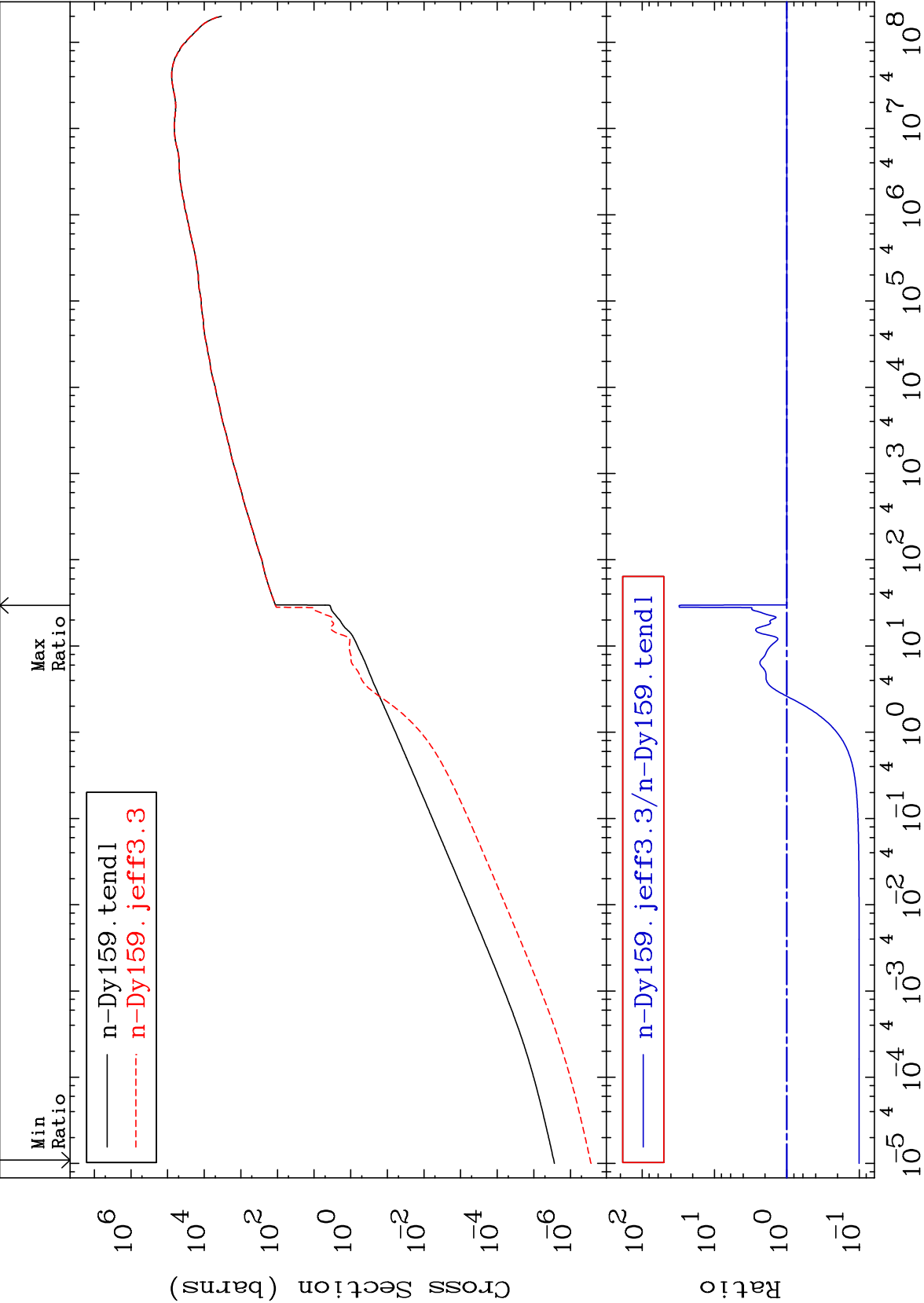
Incident Energy (eV)

66-Dy-159

Cross Section

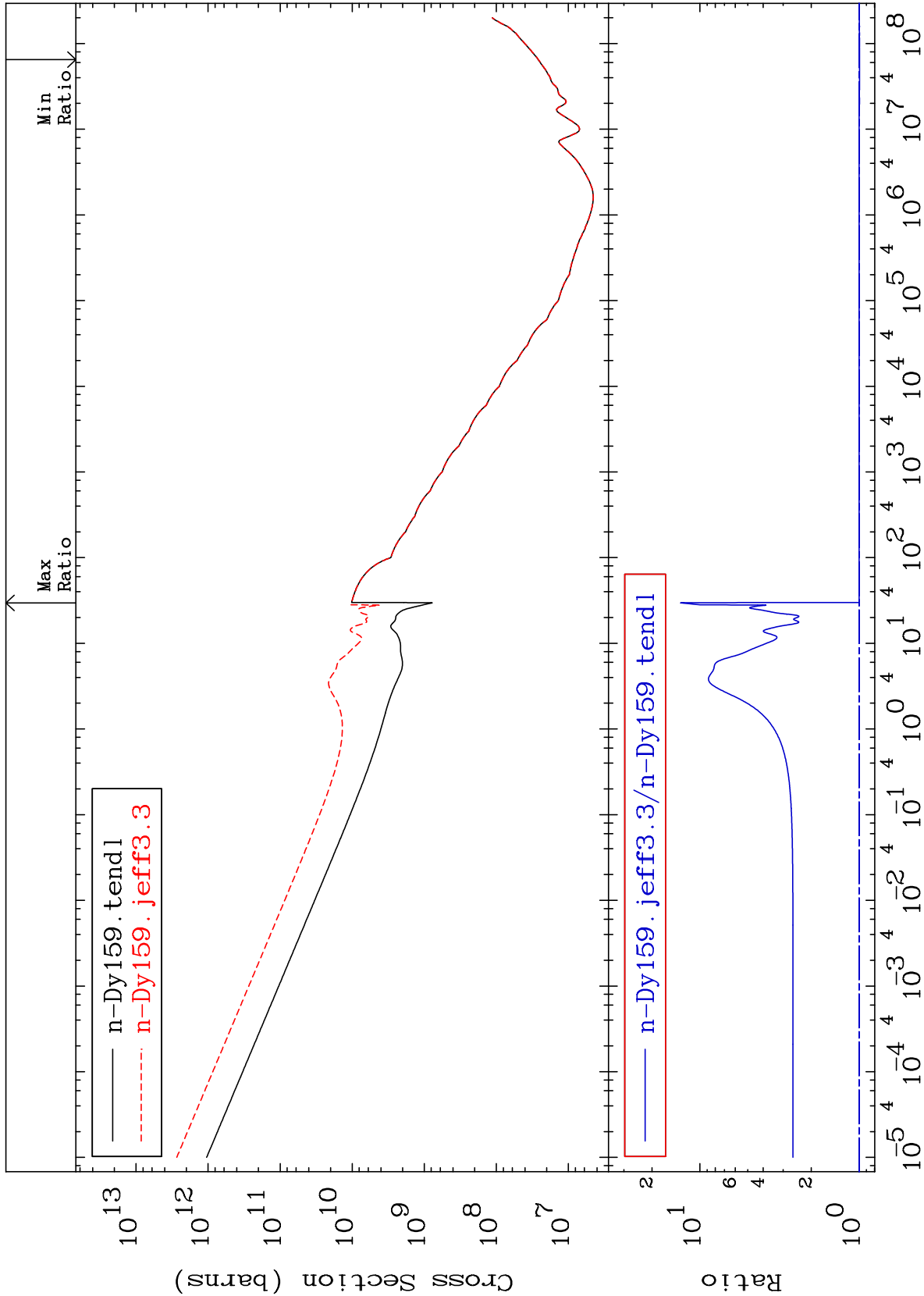
-0.592 To 1218. %





Cross Section

-0.593 To 1218. %

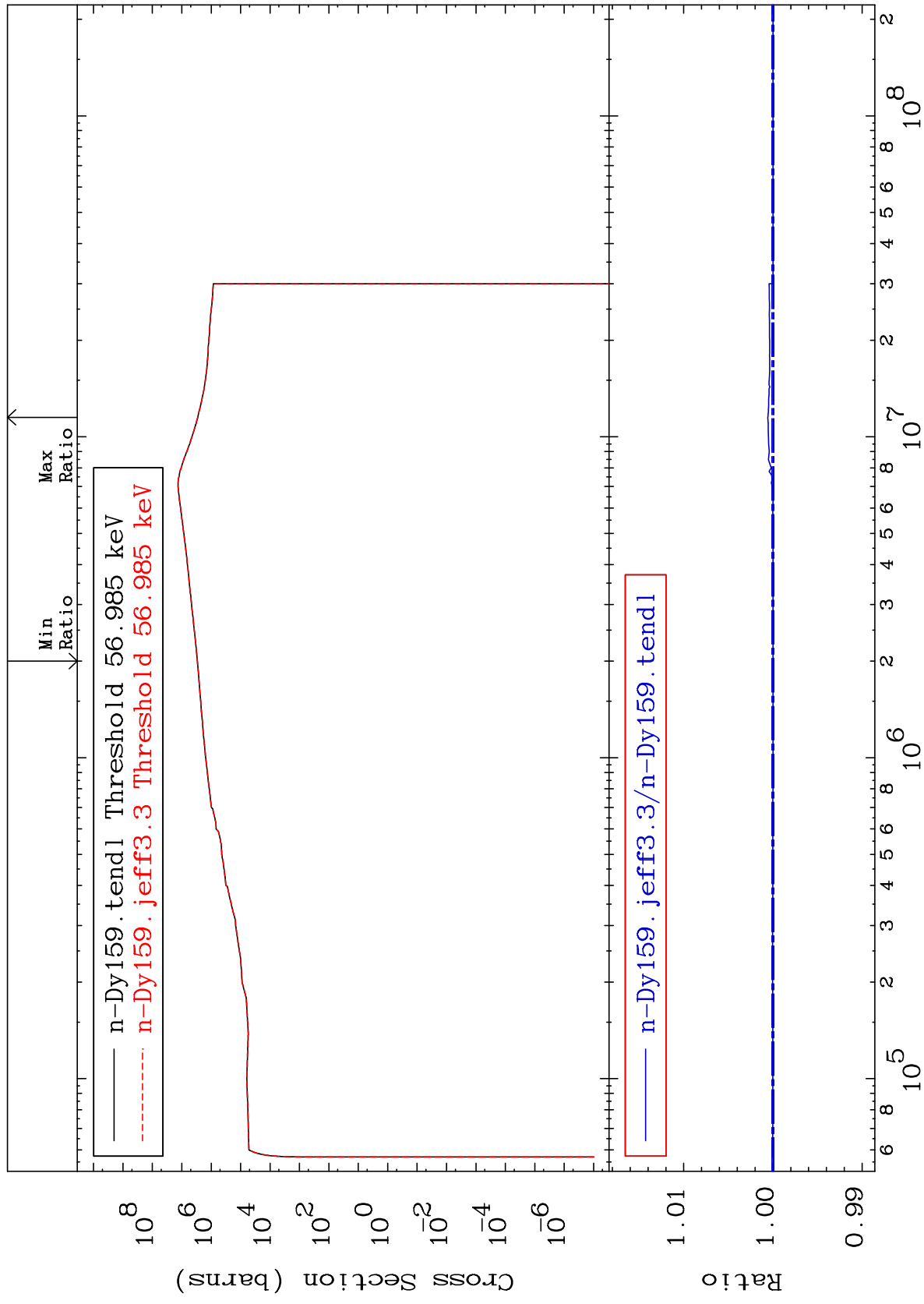


66-Dy-159

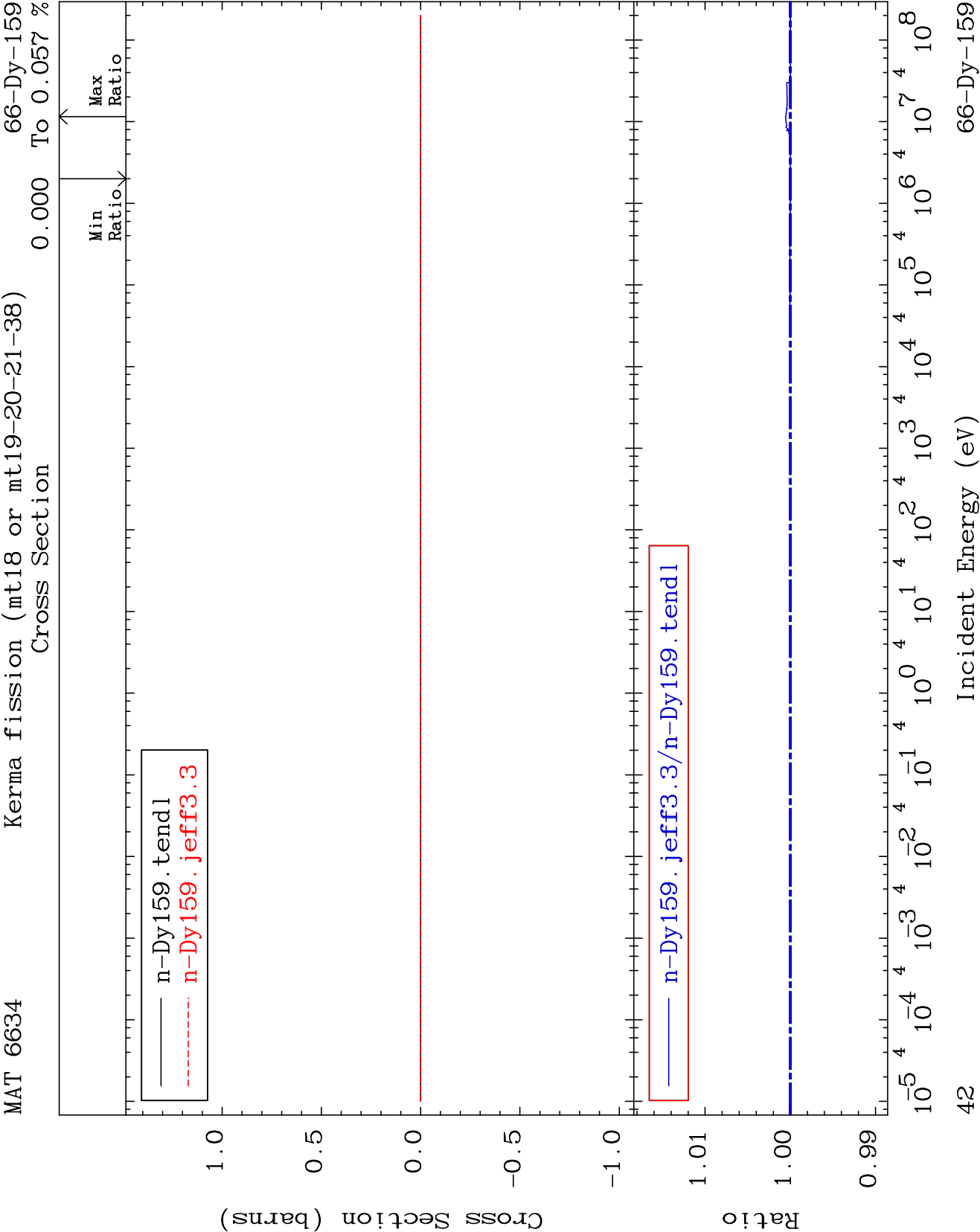
Cross Section

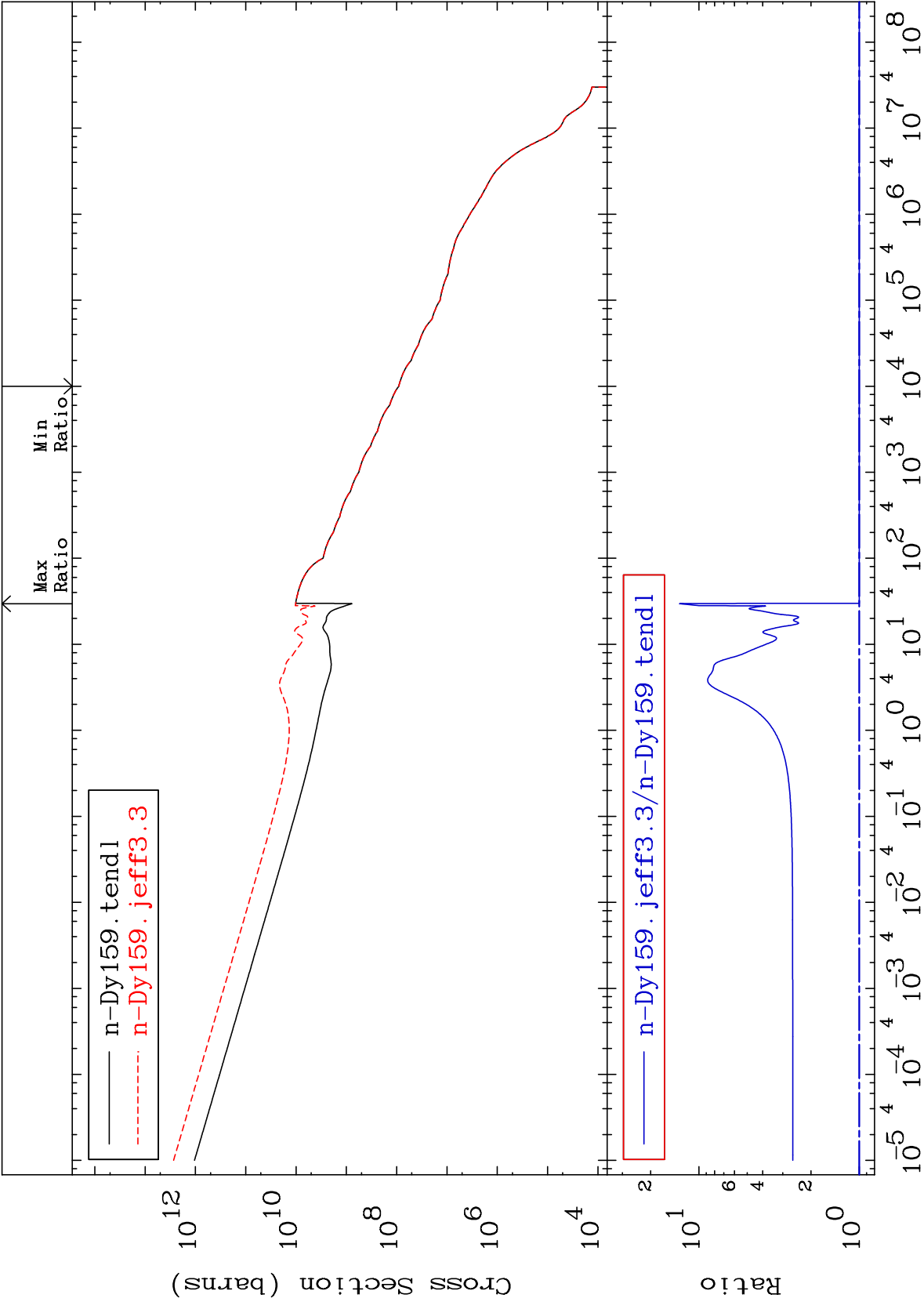
0.000

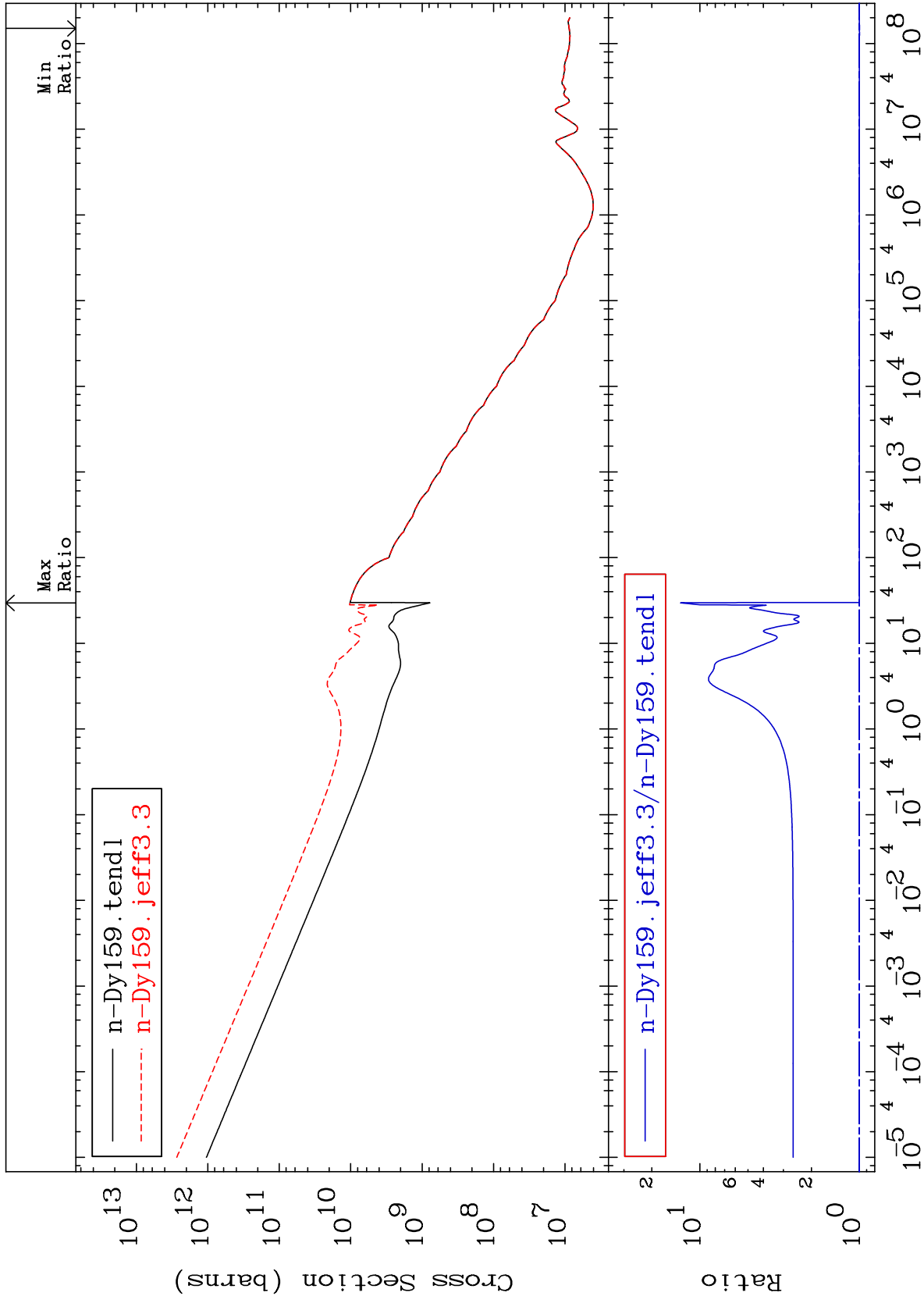
To 0.057 %

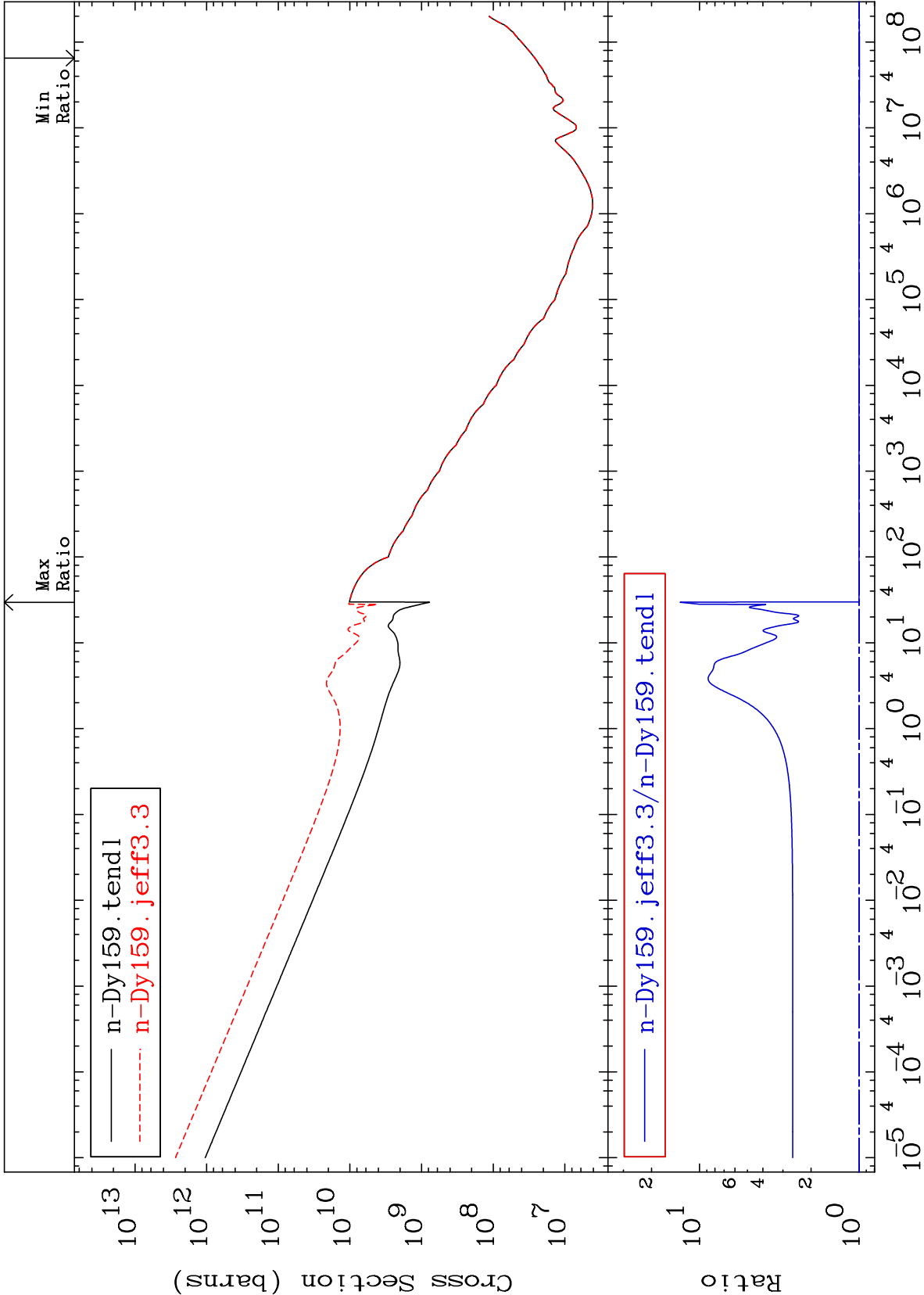


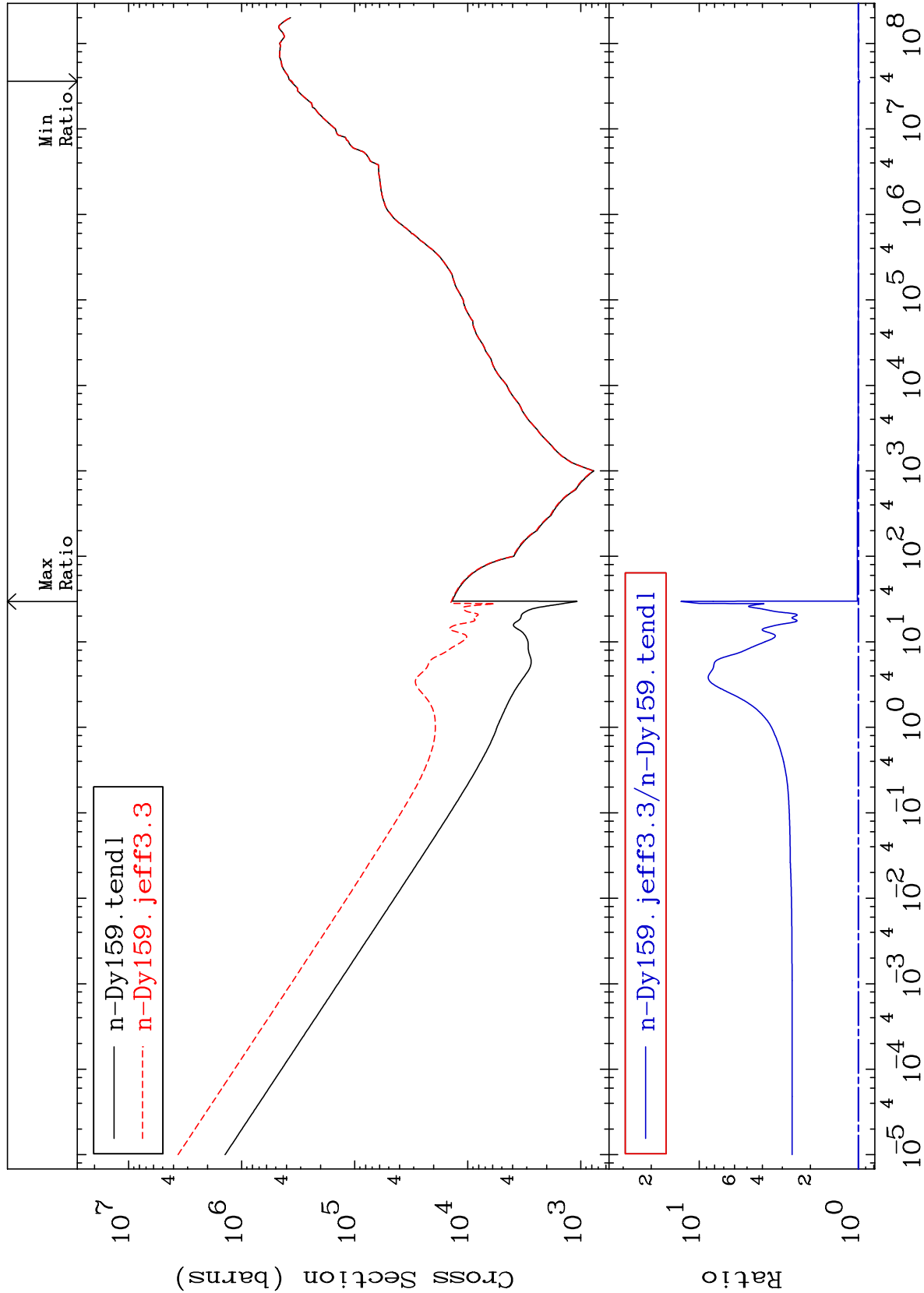
66-Dy-159











MAT 6634

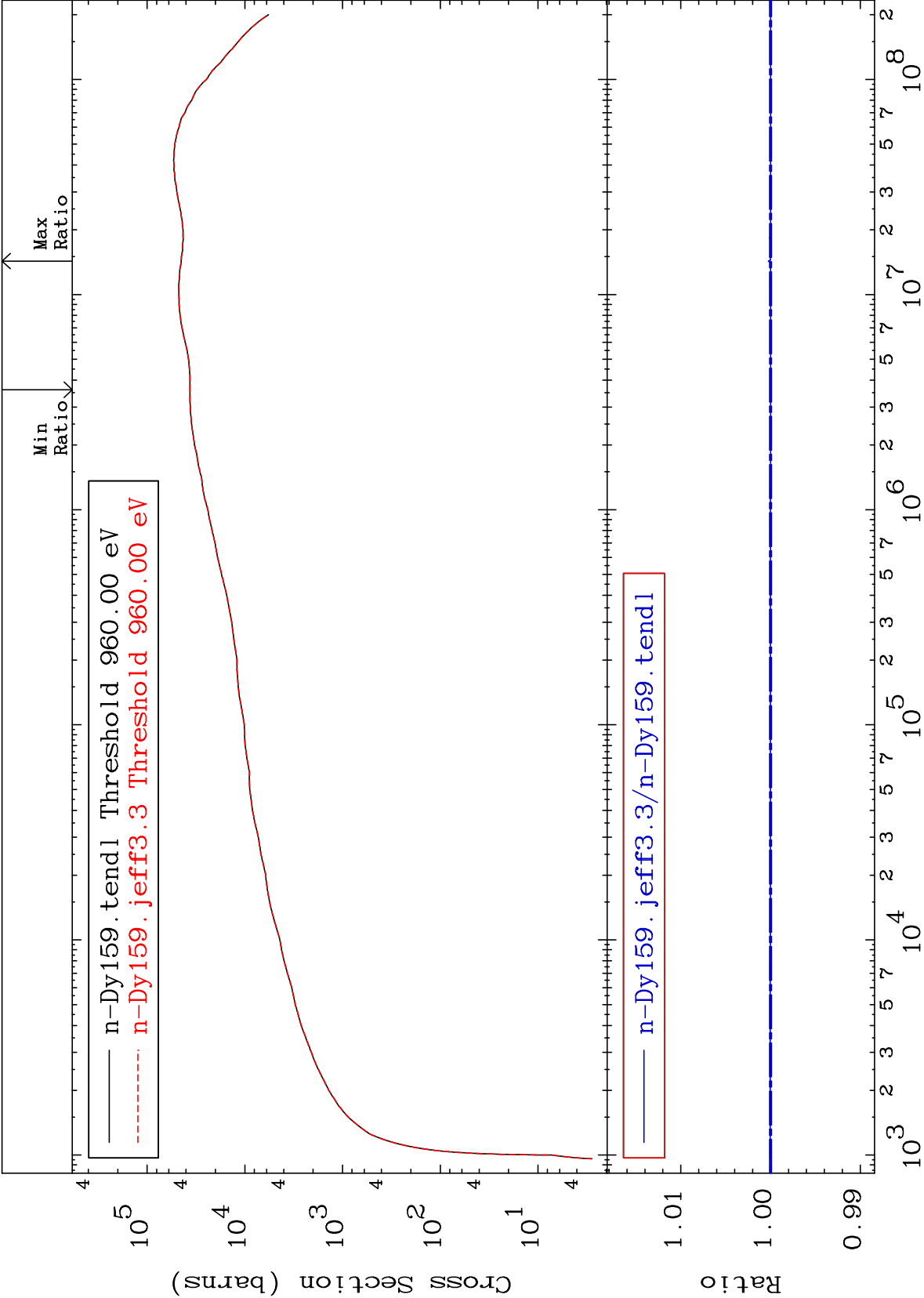
Dpa elastic (mt2)

66-Dy-159

Cross Section

0.000

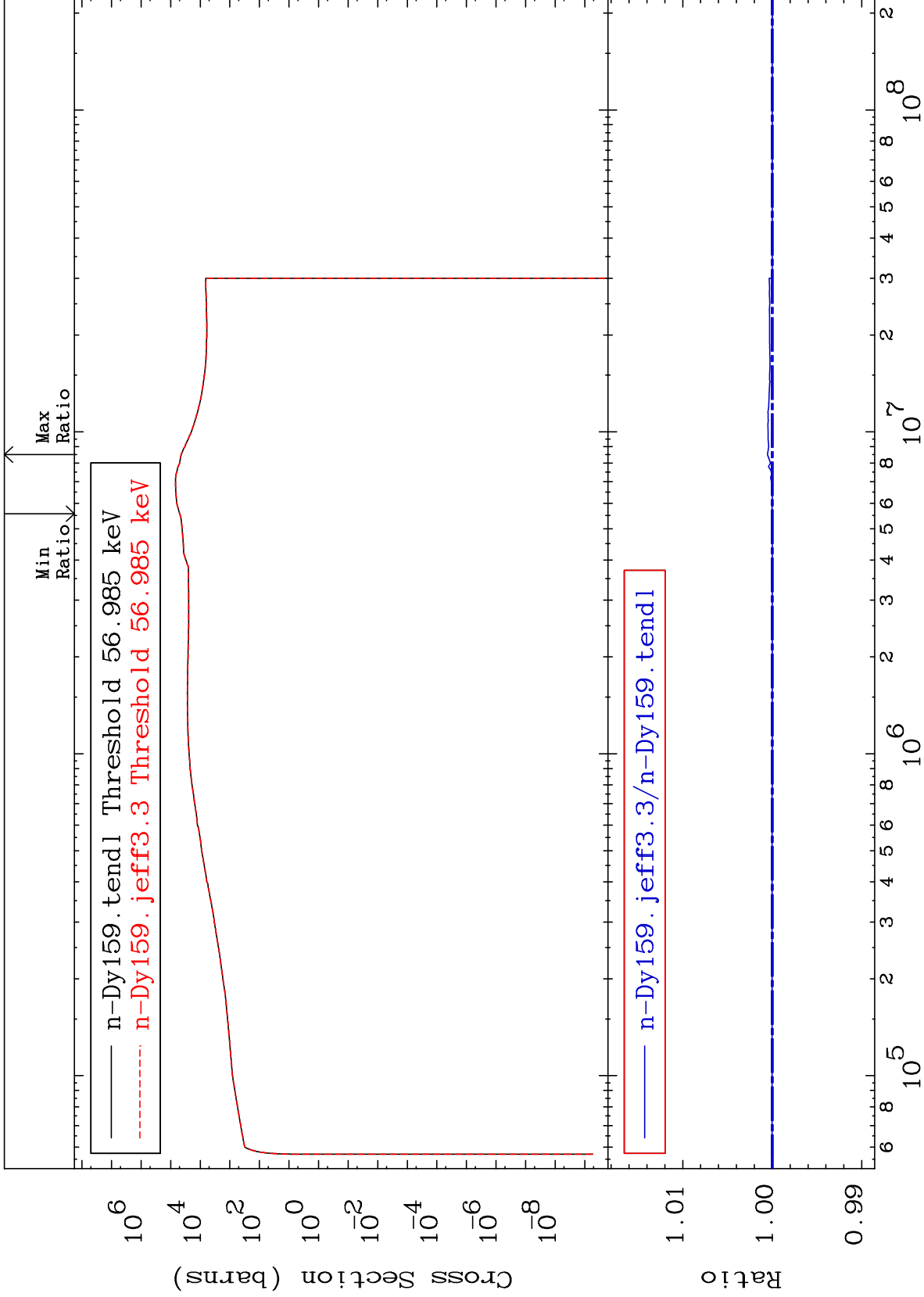
To 0.024 %

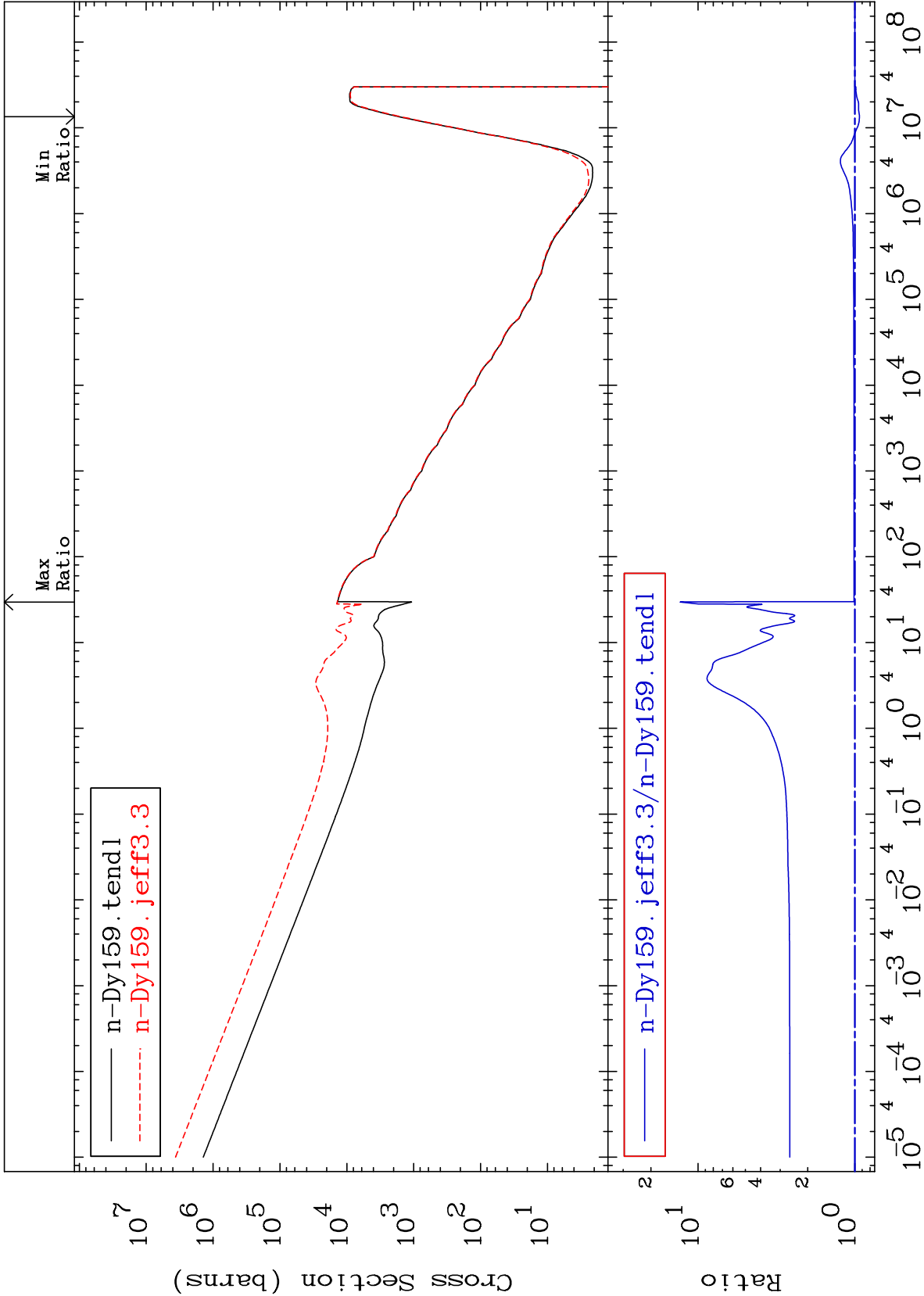


Cross Section

0.000

To 0.053 %





MAT 6634

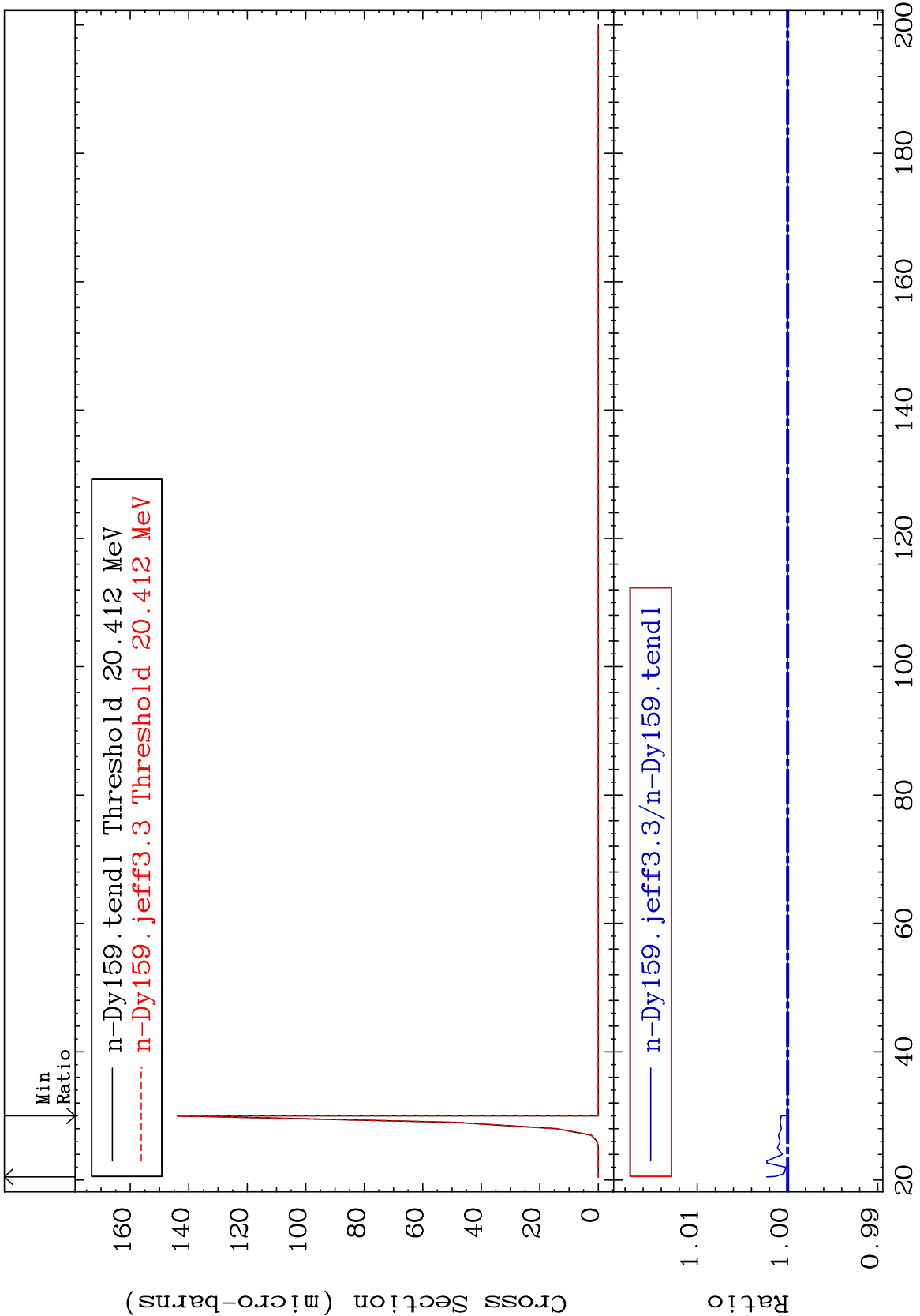
(n,2n) d:65-Tb-156g

66-Dy-159

Radionuclide Production Cross Section

0.000

To 0.232 %



Incident Energy (MeV)

66-Dy-159

MAT 6634

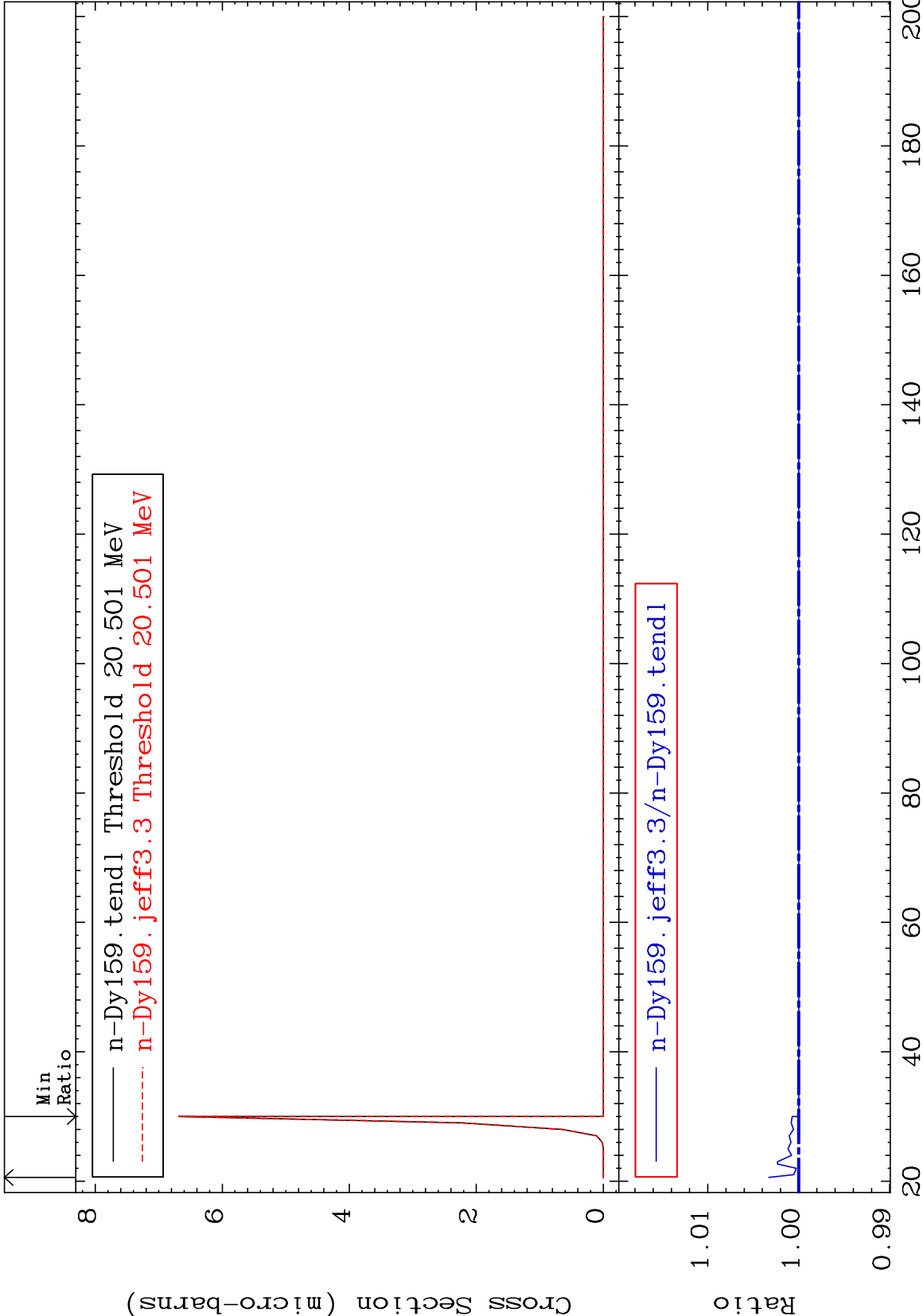
(n,2n) d:65-Tb-156m3

66-Dy-159

Radionuclide Production Cross Section

0.000

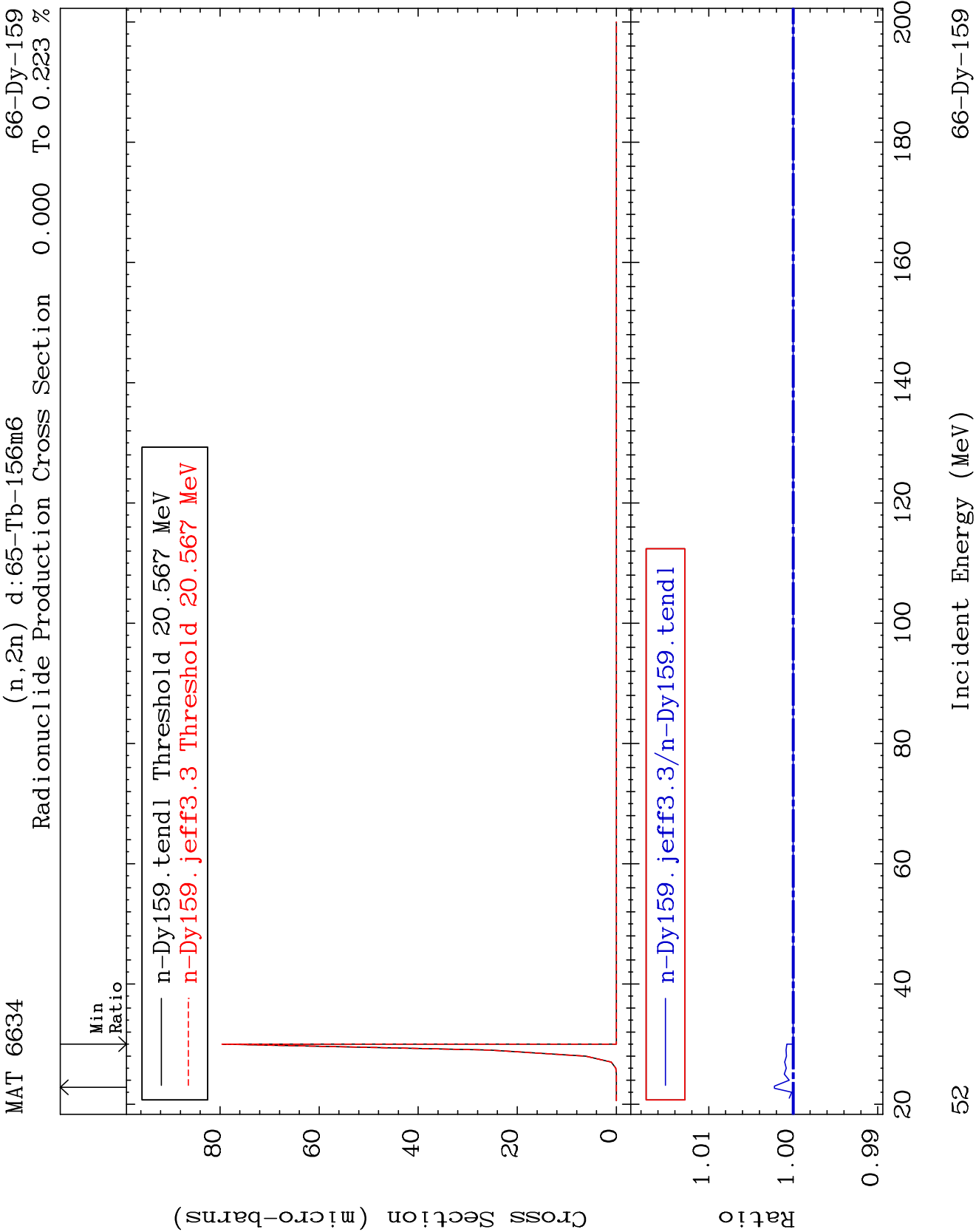
To 0.332 %



51

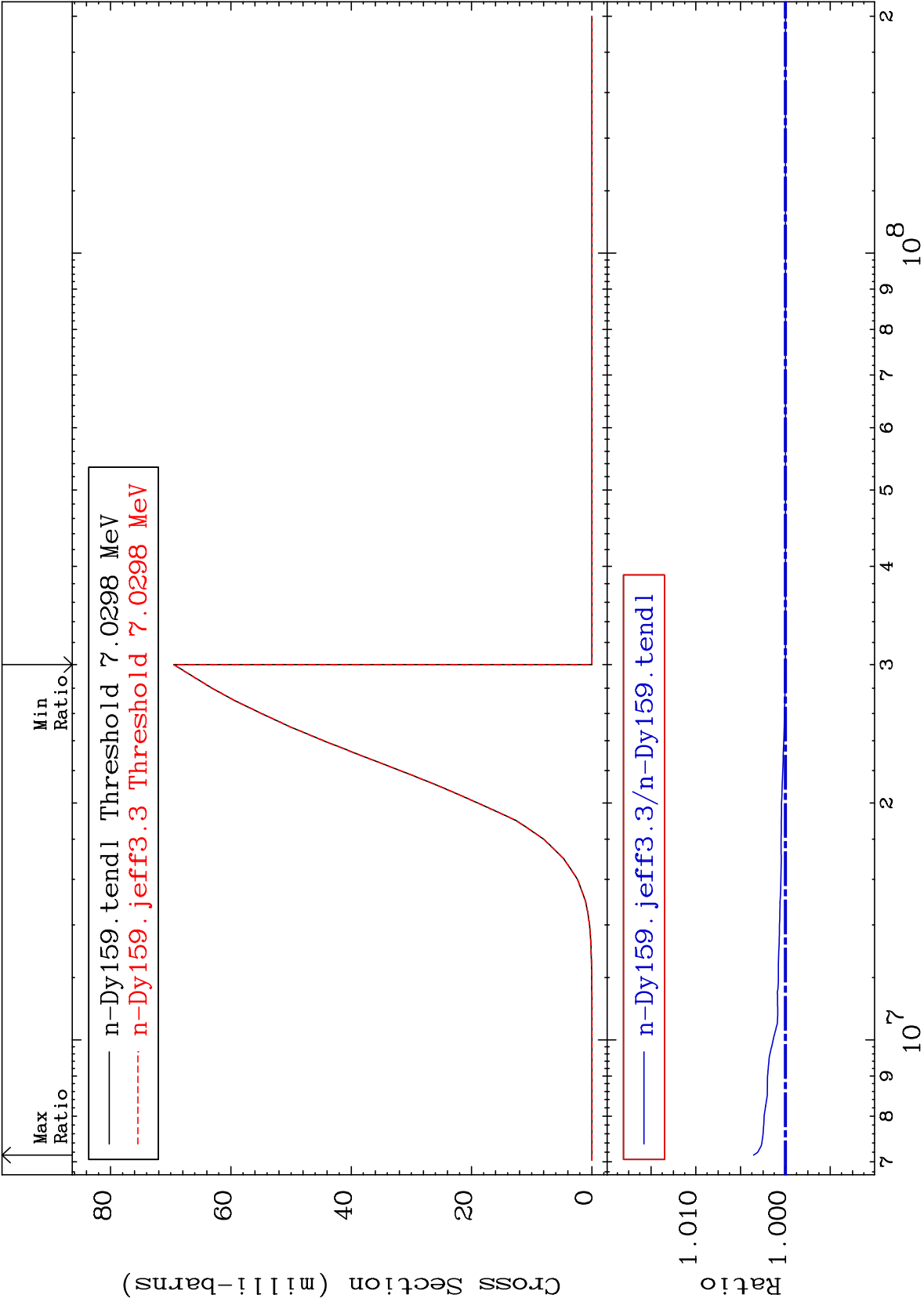
Incident Energy (MeV)

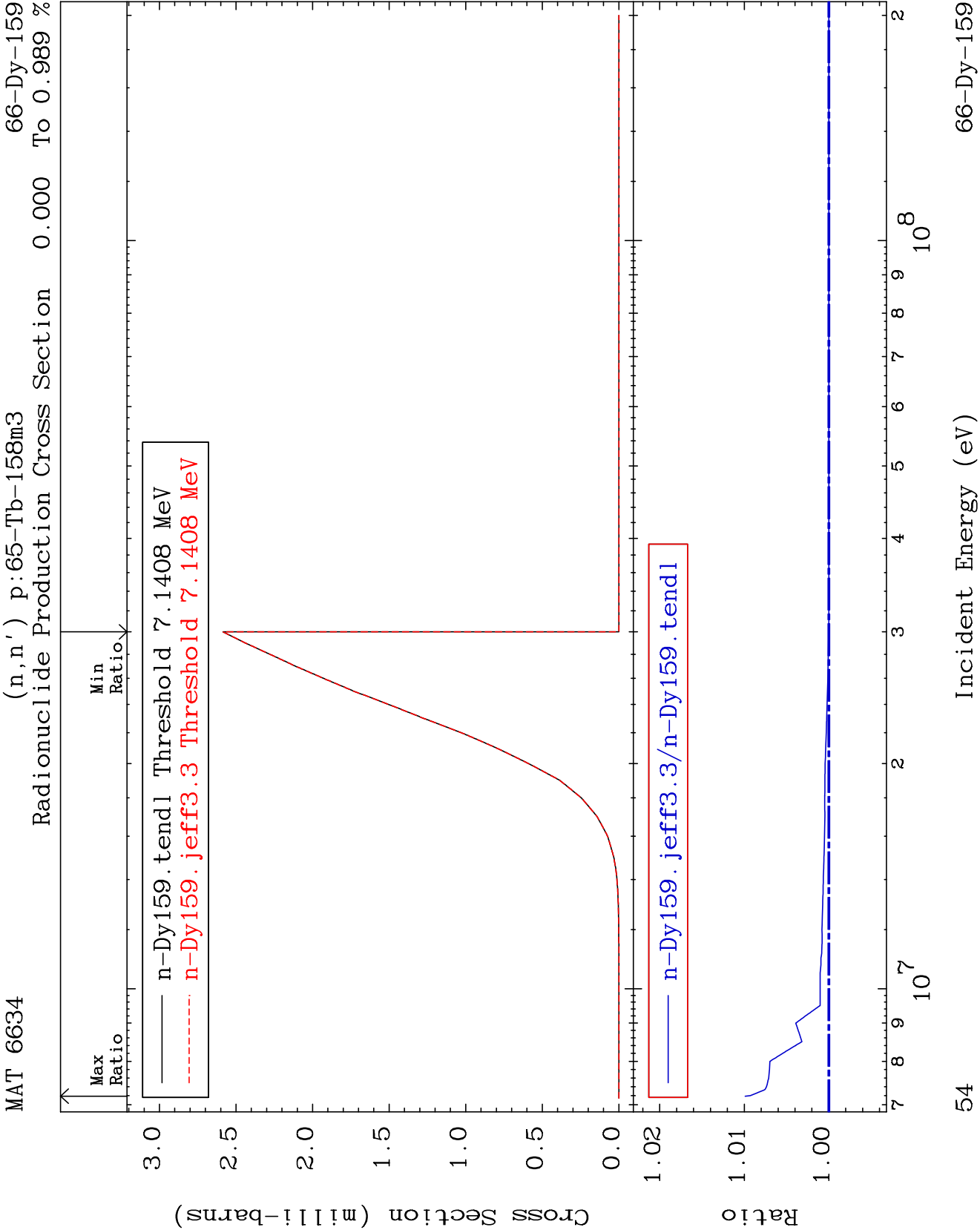
66-Dy-159

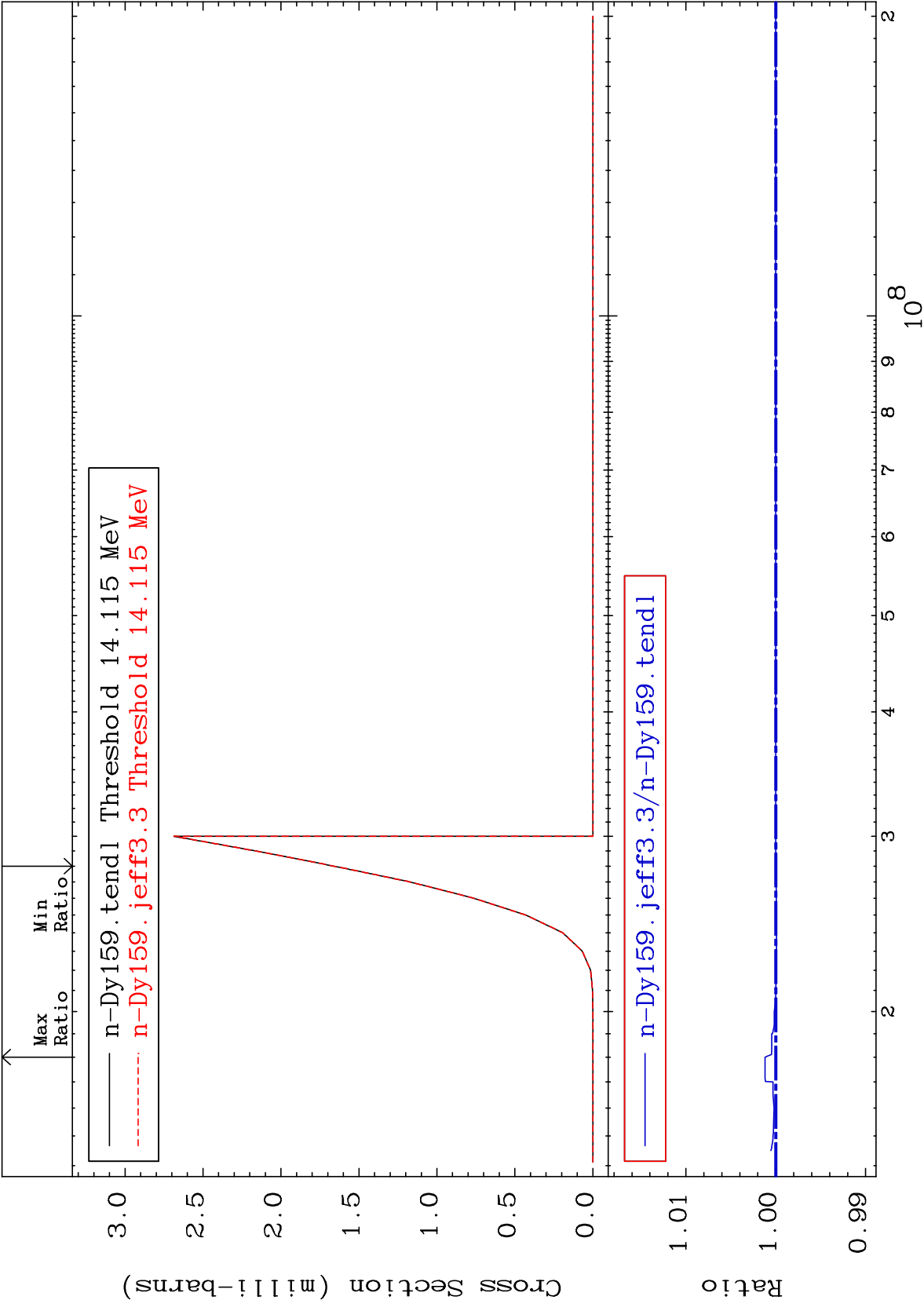


MAT 6634

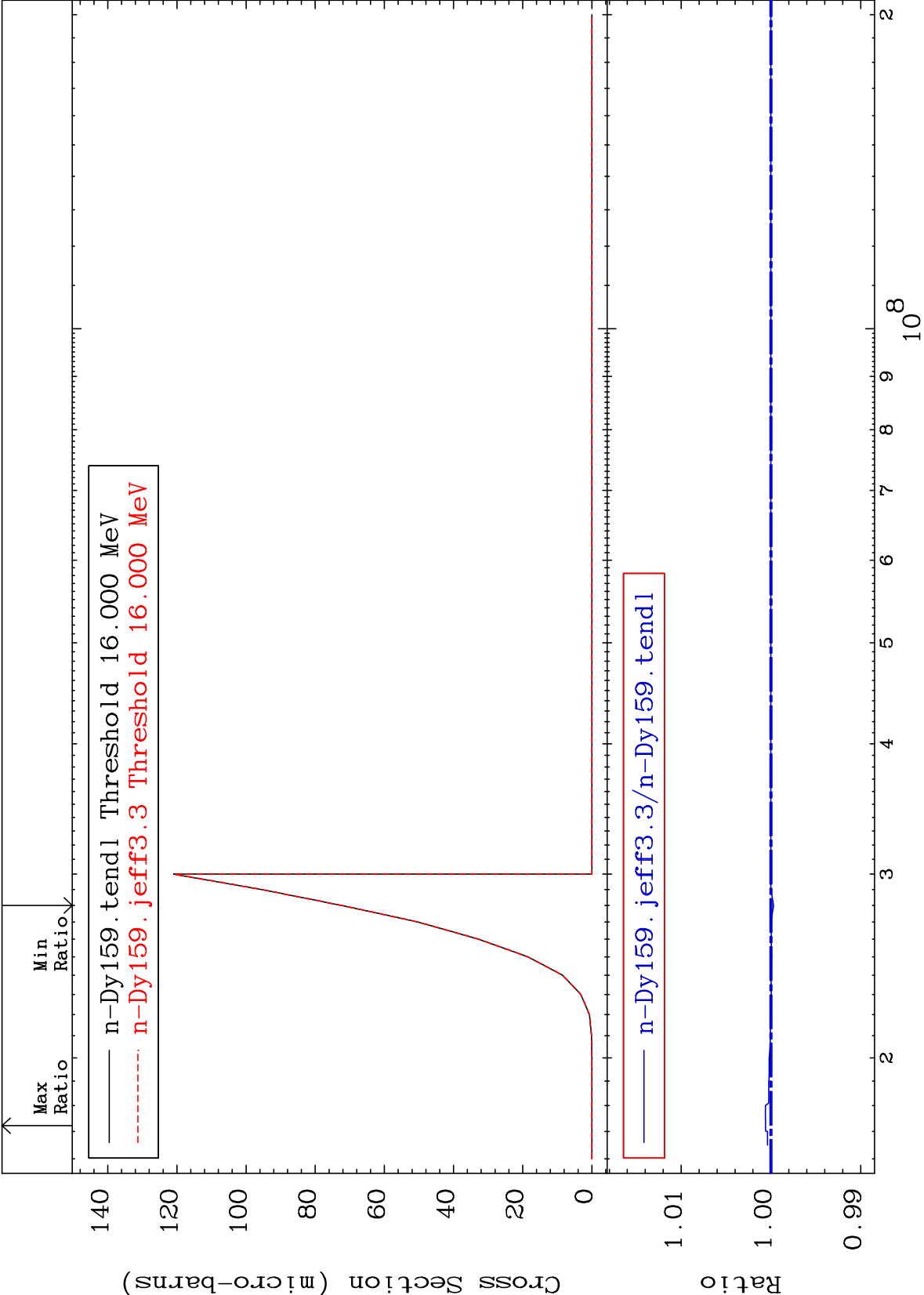
(n,n') p:65-Tb-158g 66-Dy-159
Radionuclide Production Cross Section 0.000 To 0.355 %



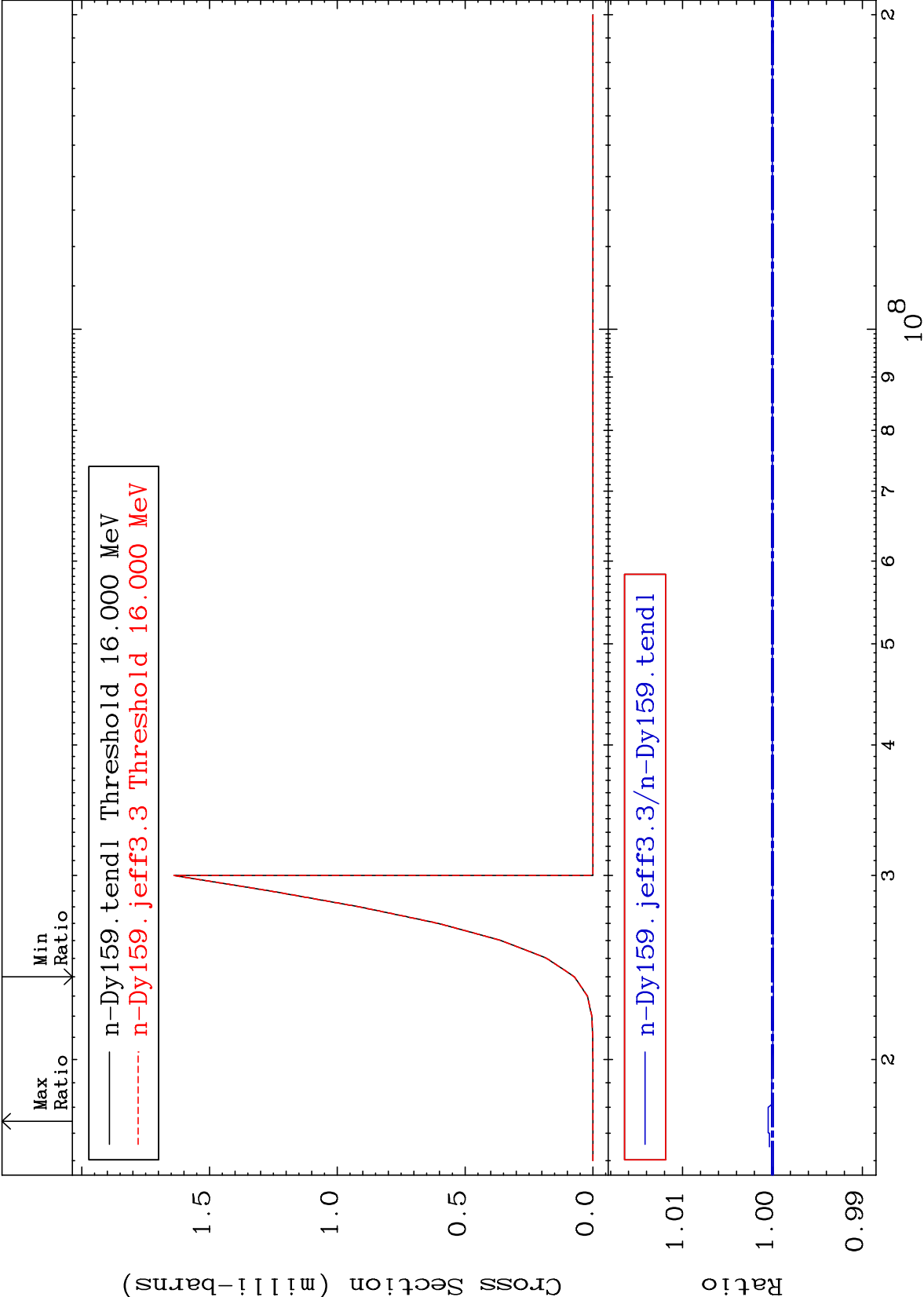


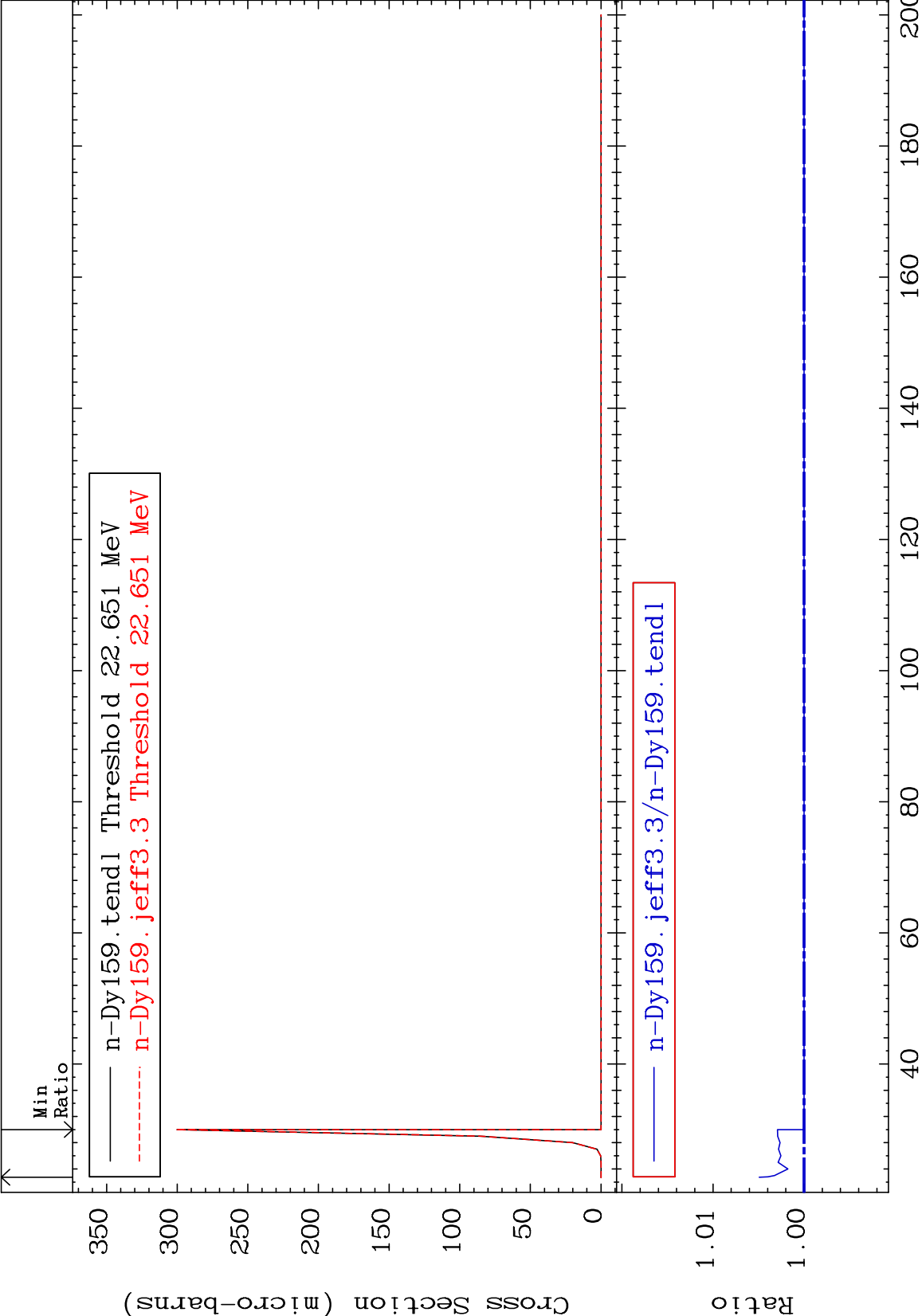


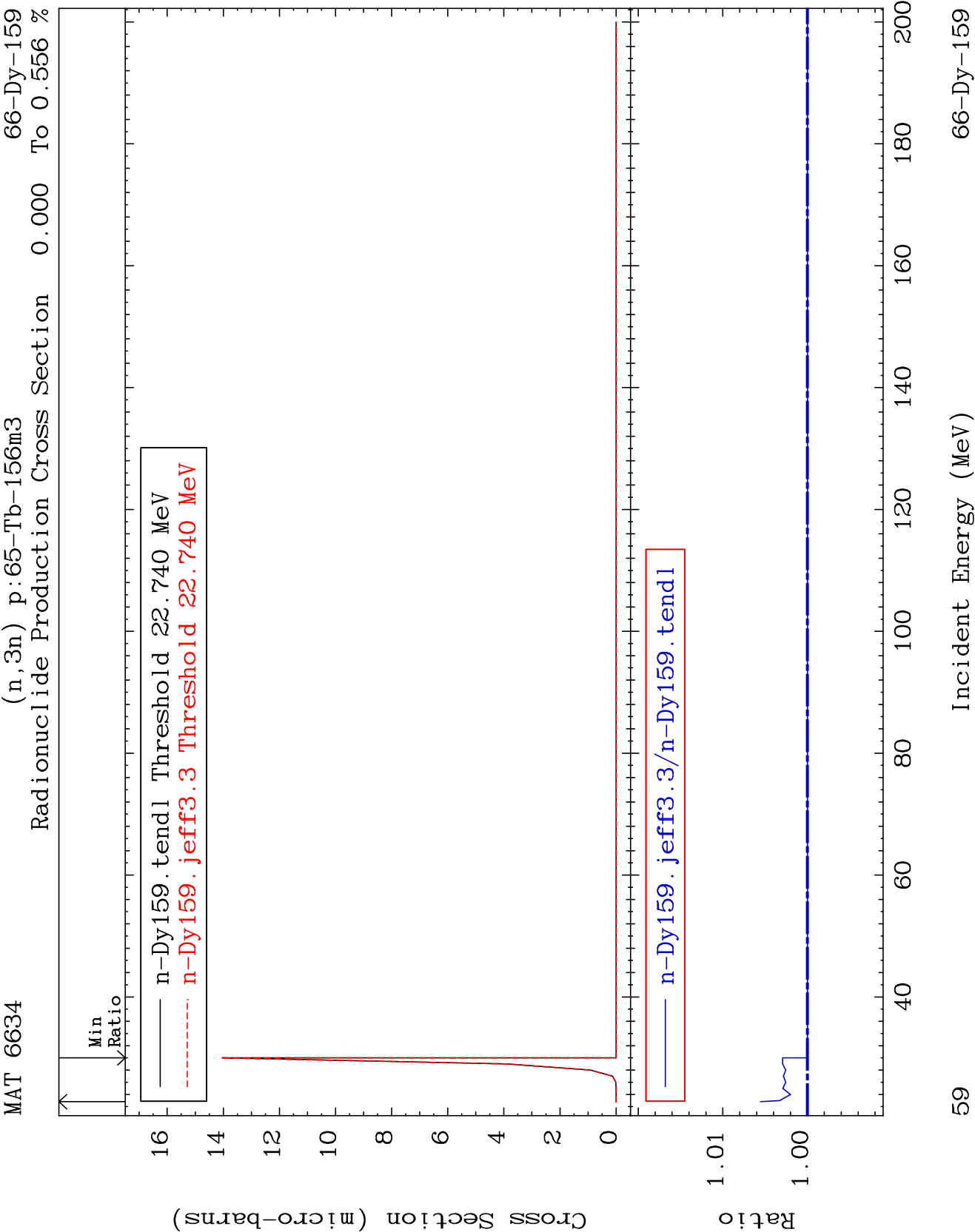
Radionuclide Production Cross Section -0.029 To 0.060 %

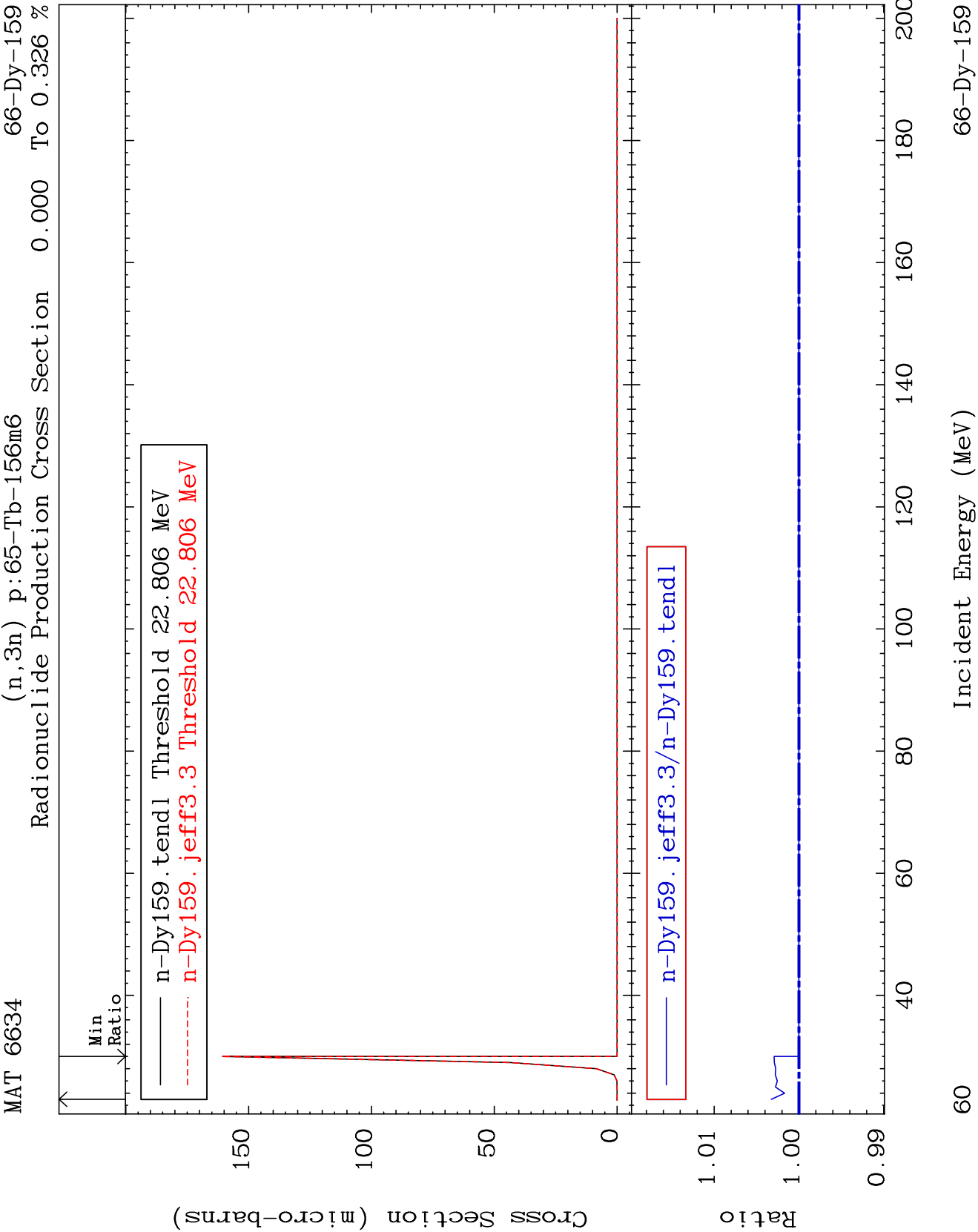


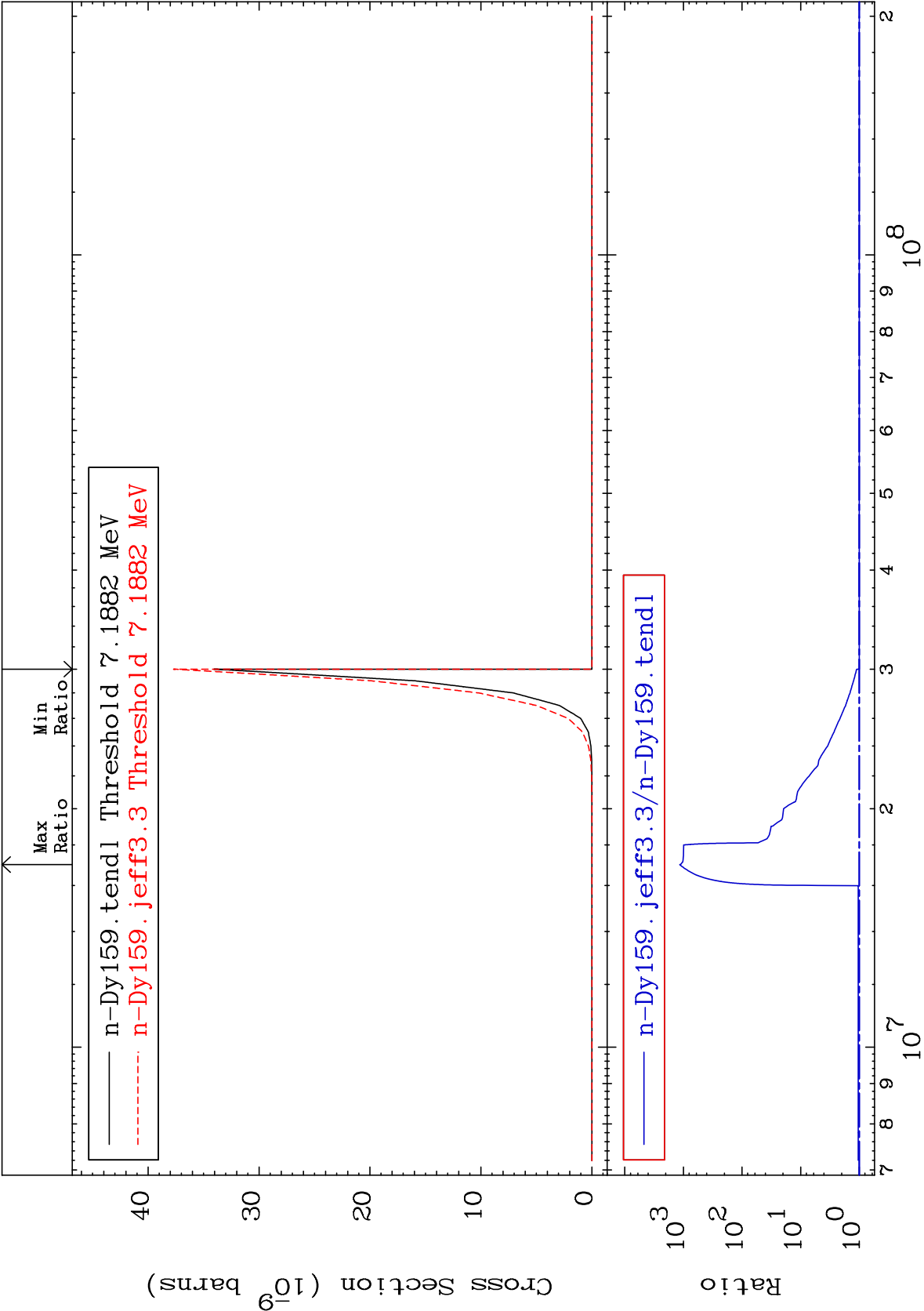
Radionuclide Production Cross Section -0.012 To 0.047 %

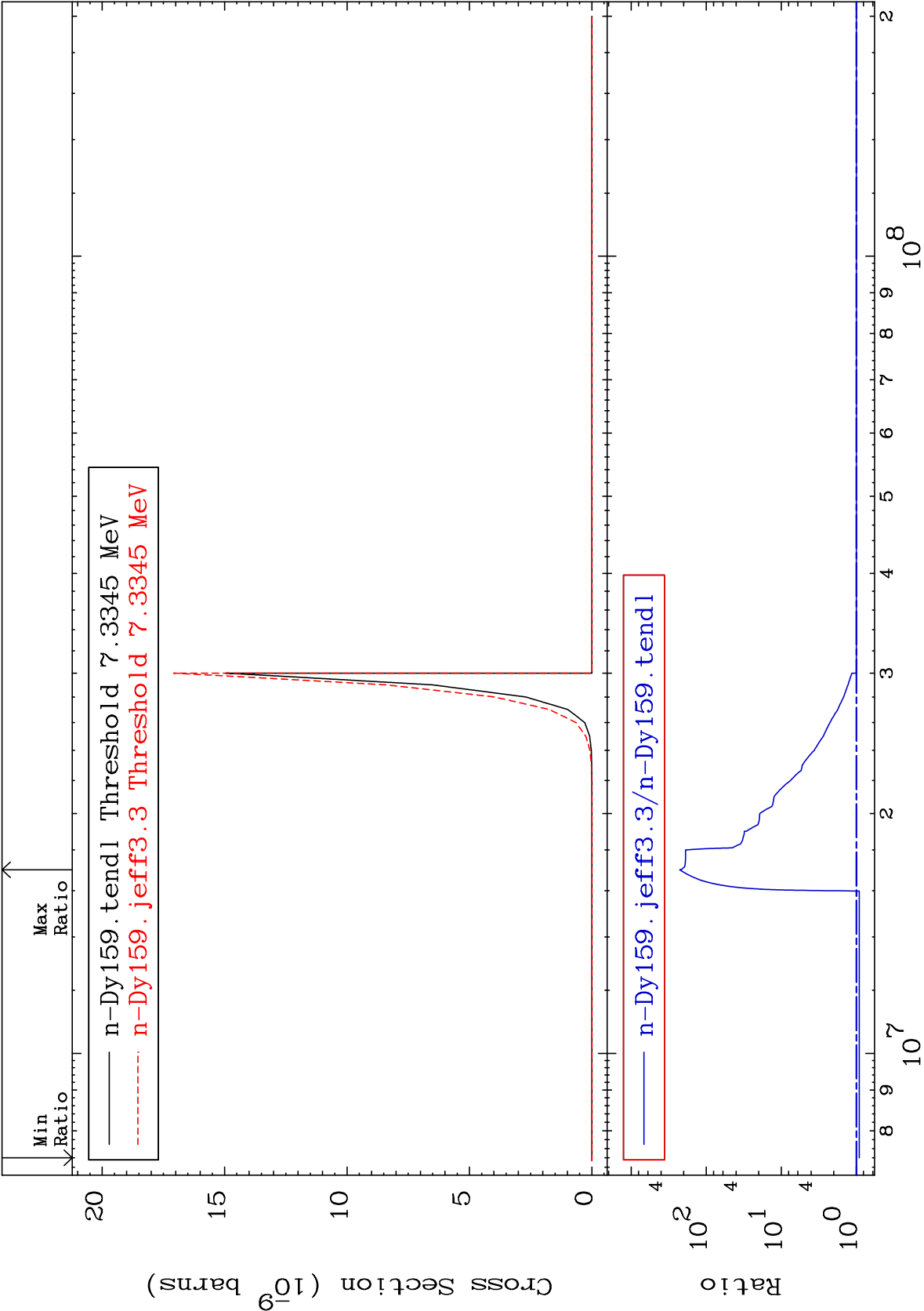












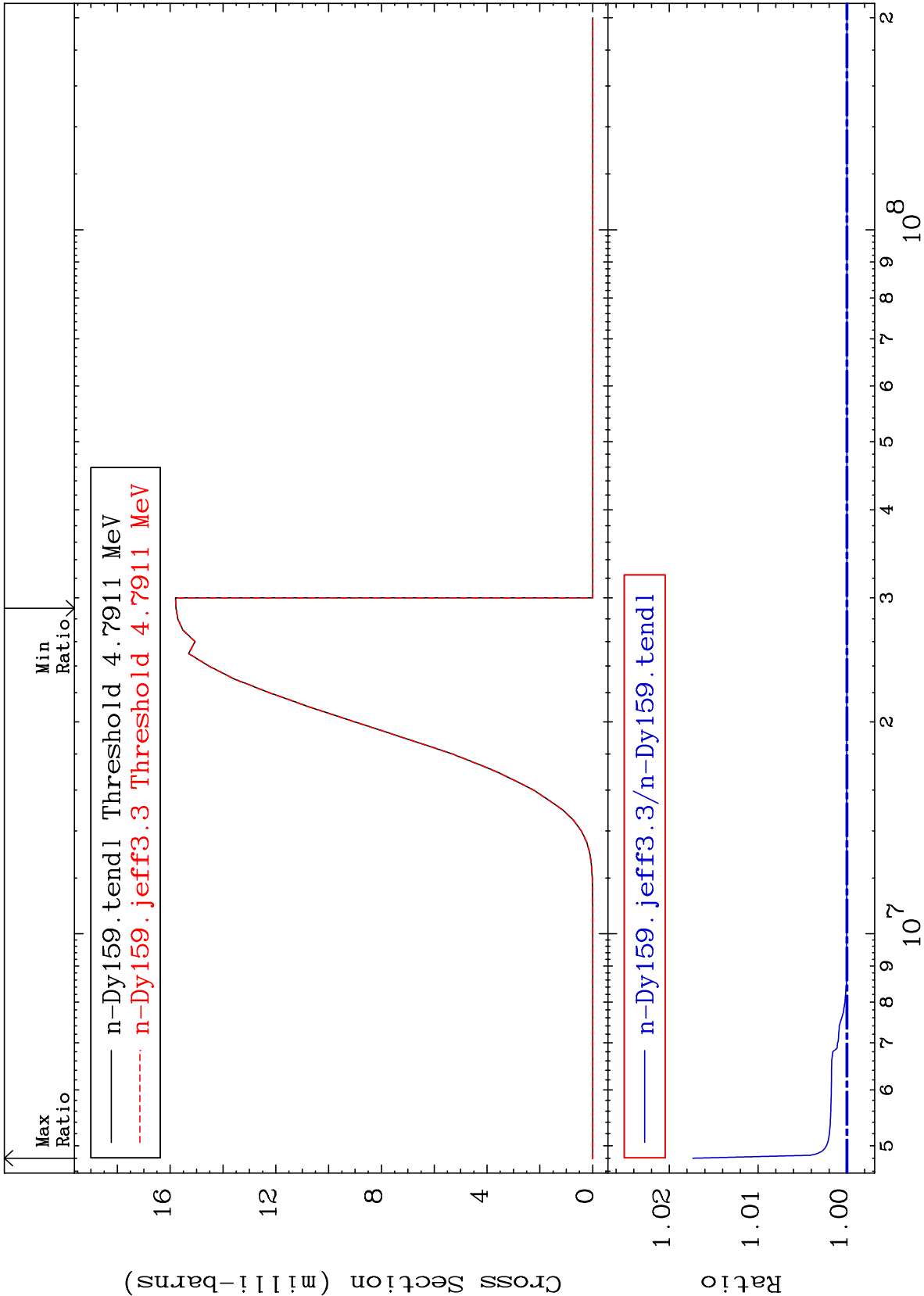
MAT 6634

(n,d):65-Tb-158g

66-Dy-159

Radionuclide Production Cross Section

-0.001 To 1.736 %



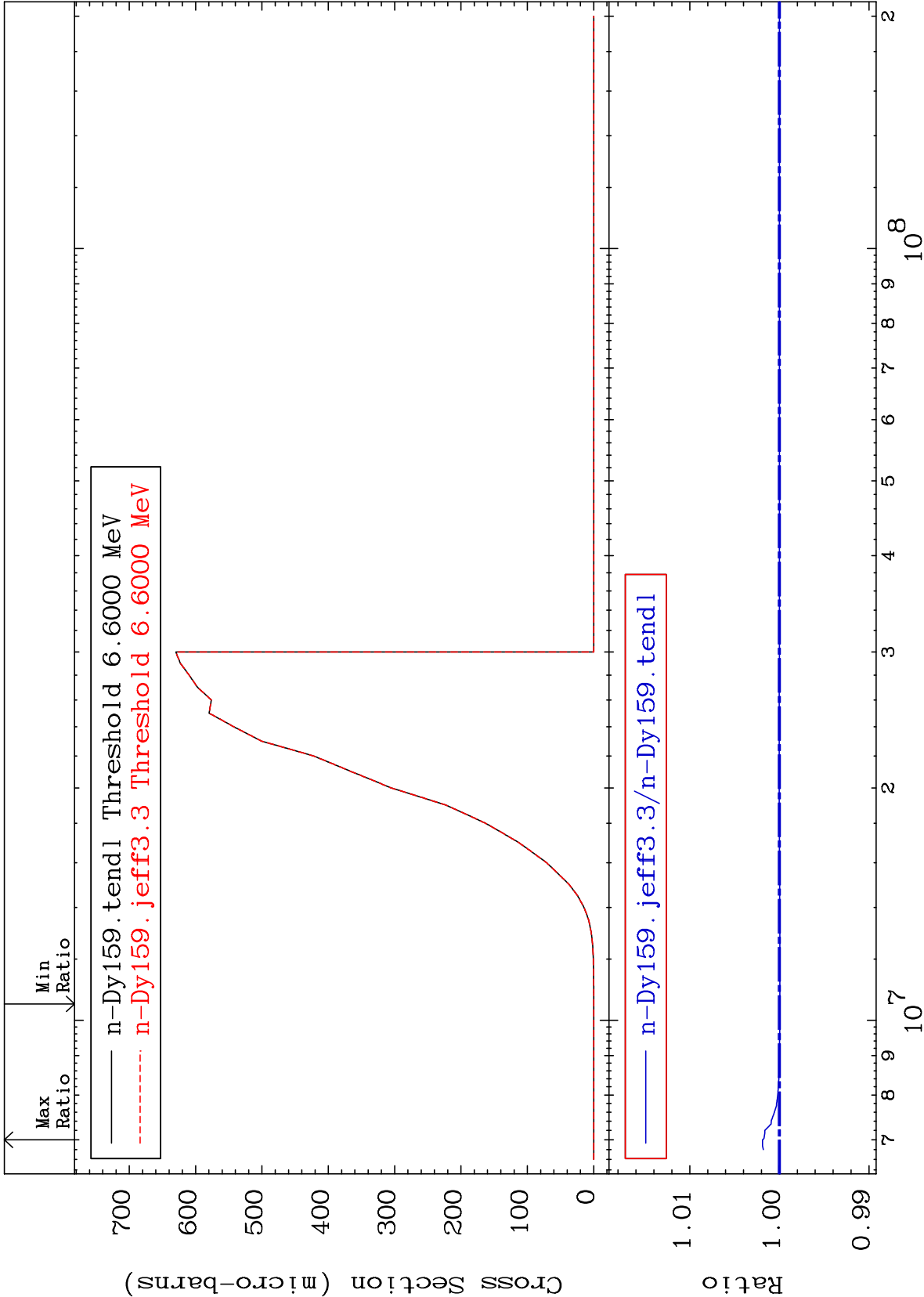
MAT 6634

(n,d):65-Tb-158m3

66-Dy-159

Radionuclide Production Cross Section

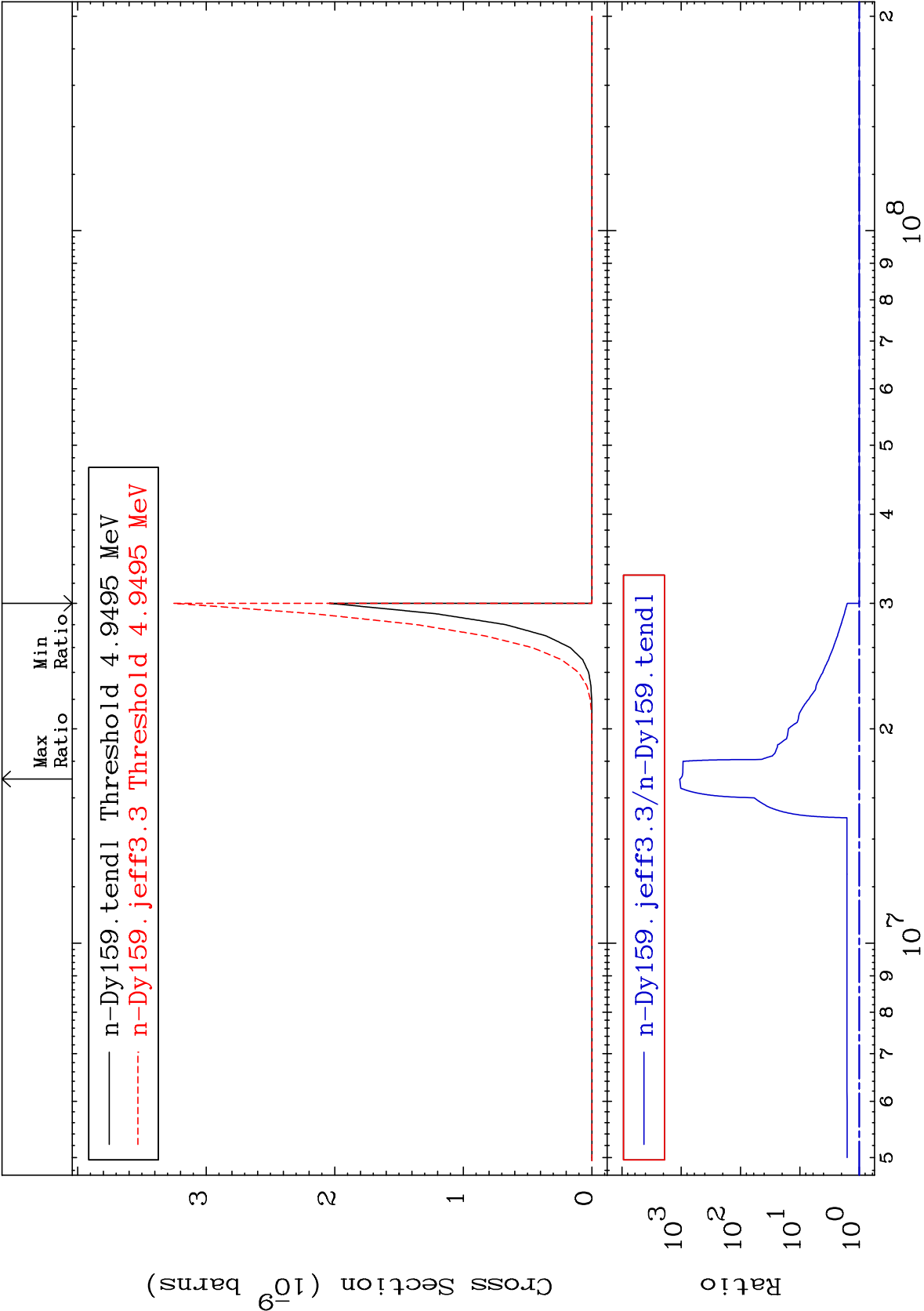
-0.006 To 0.188 %



64

Incident Energy (eV)

66-Dy-159



Radionuclide Production Cross Section 0.000 To 9999. %

