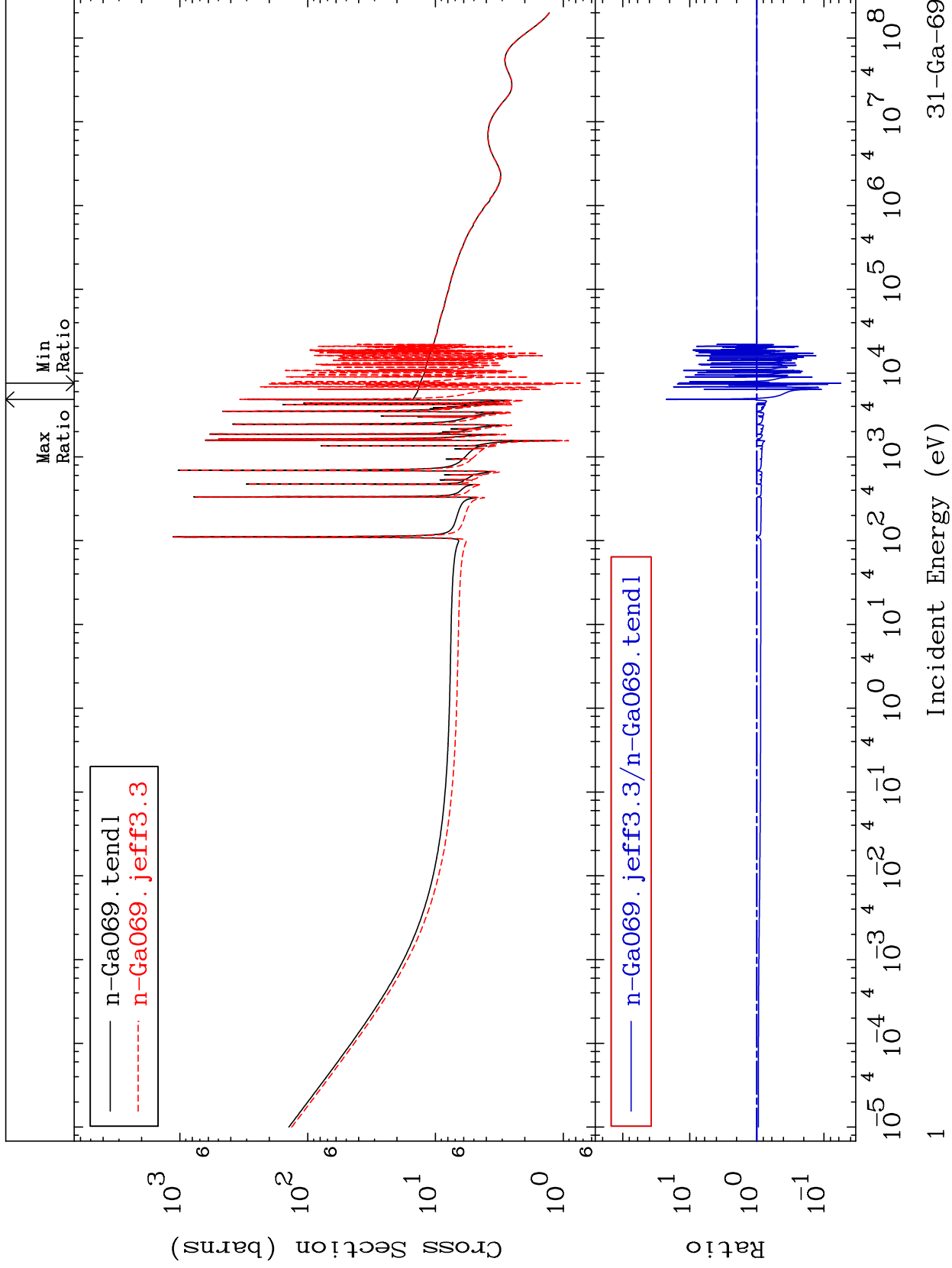


MAT 3125

Total  
Cross Section

31-Ga-69  
-94.42 To 2170. %



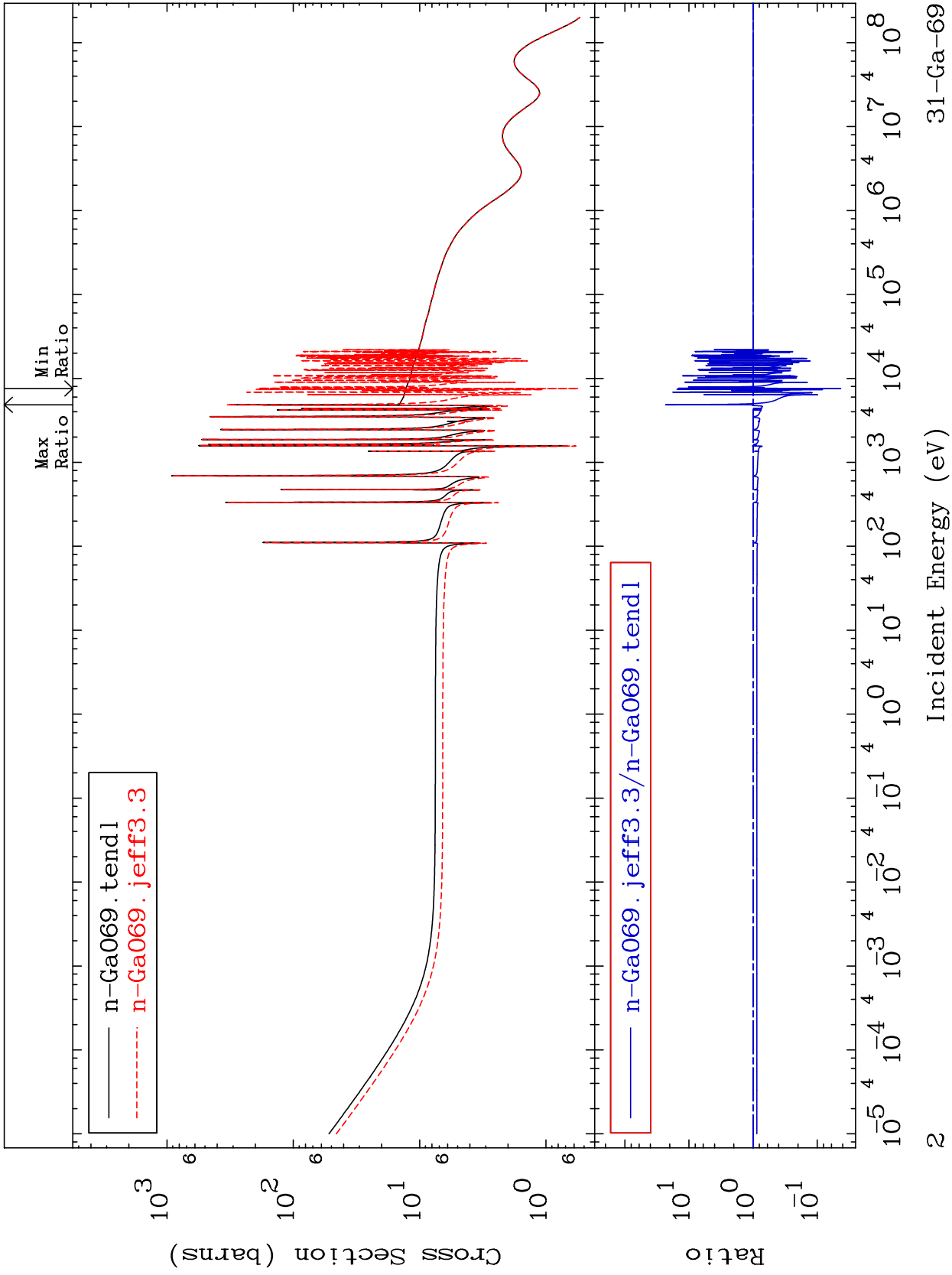
Incident Energy (eV)

31-Ga-69

MAT 3125

Elastic  
Cross Section

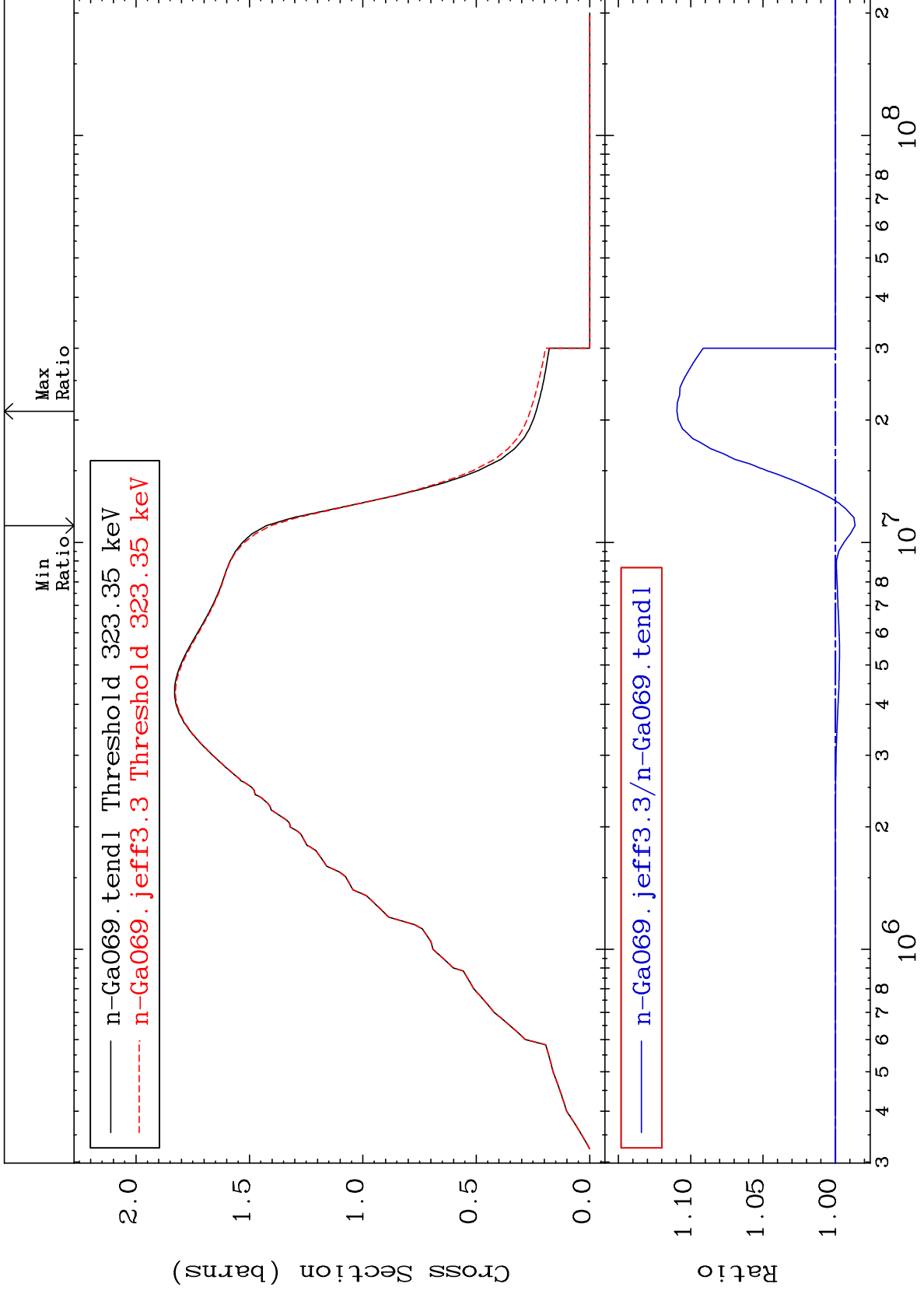
31-Ga-69  
-95.69 To 2226. %



MAT 3125

Inelastic  
Cross Section

31-Ga-69  
-1.361 To 10.95 %



3

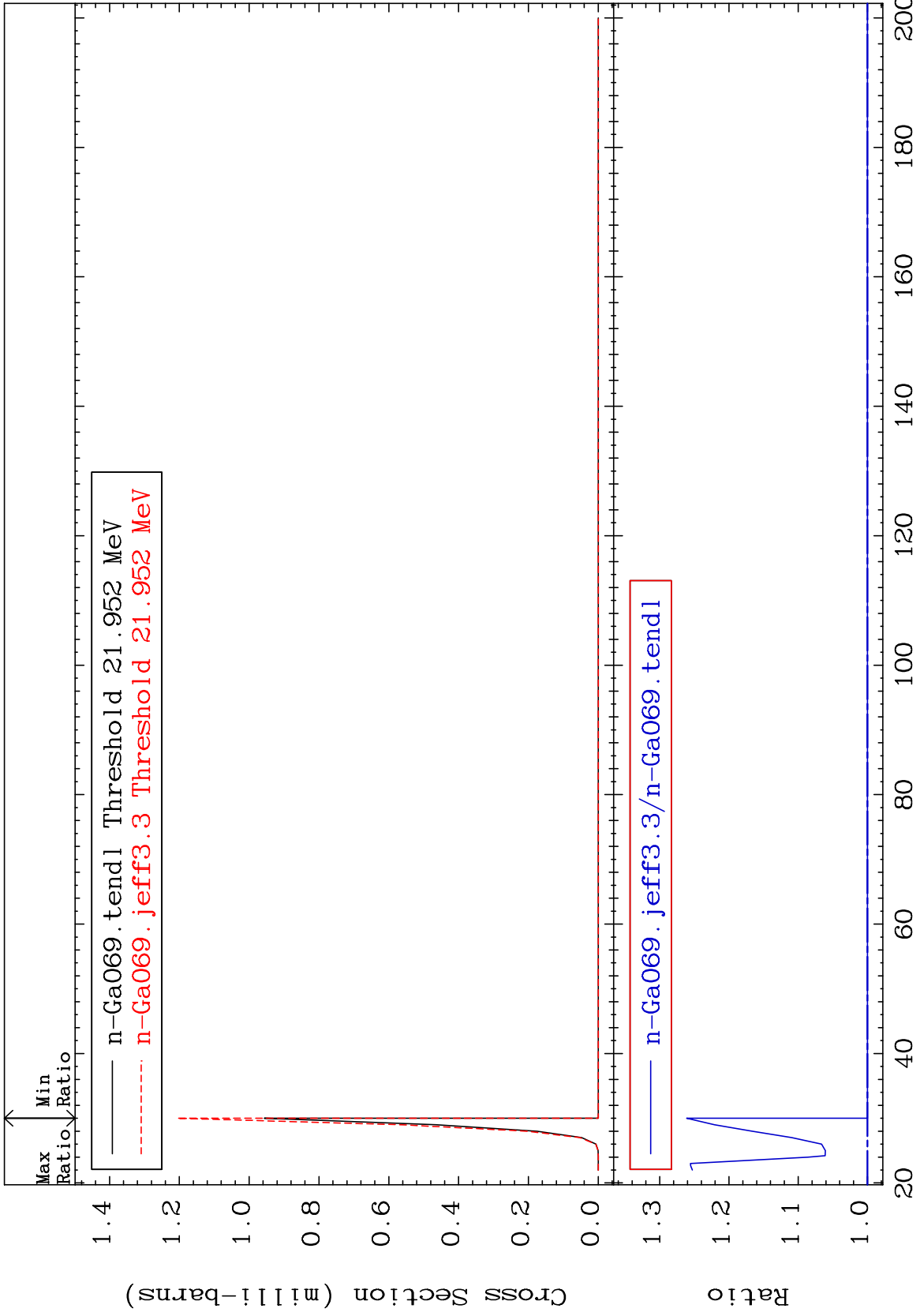
Incident Energy (eV)

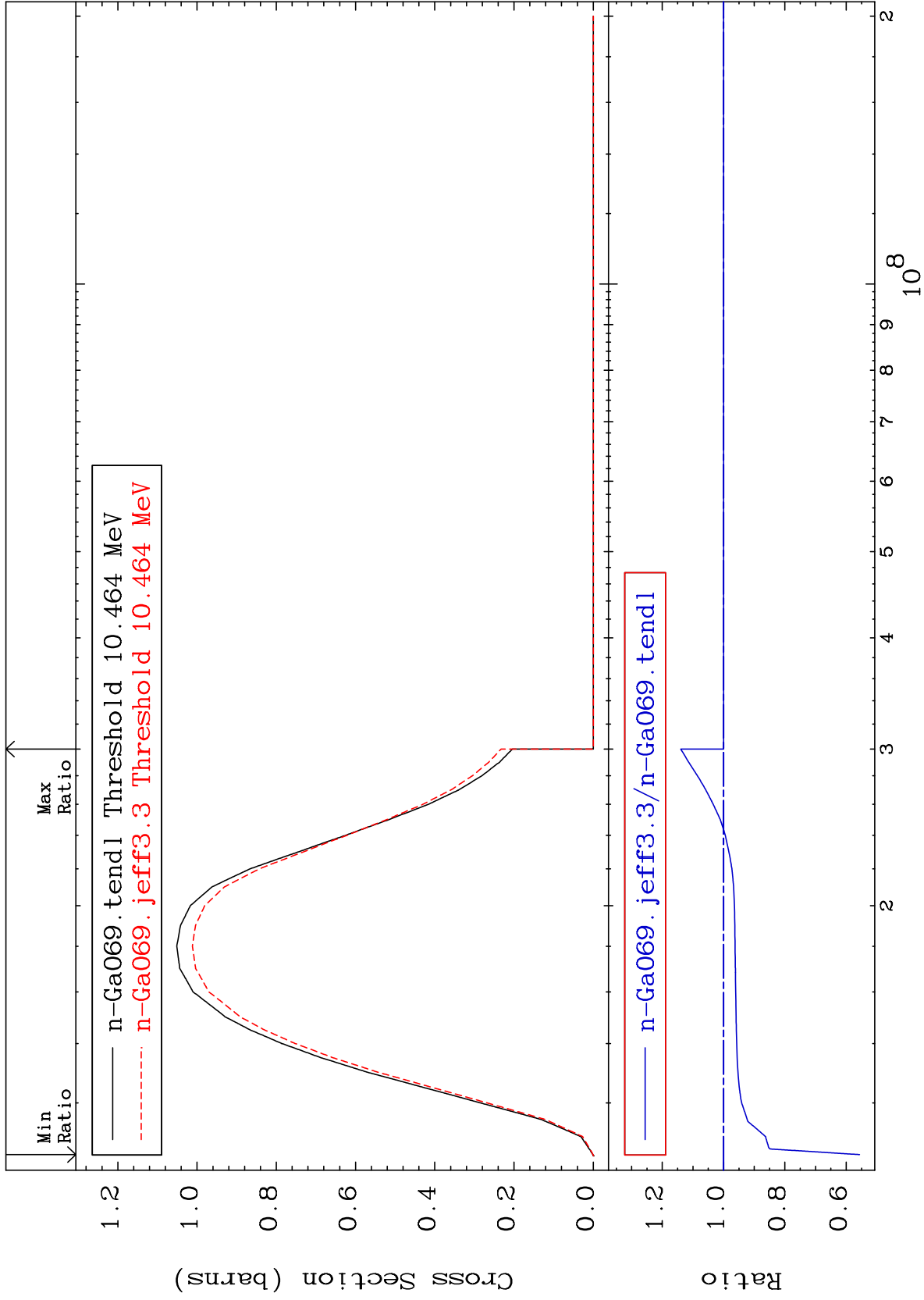
31-Ga-69

MAT 3125

(n,2n) d  
Cross Section

31-Ga-69  
To 26.11 %  
0.000





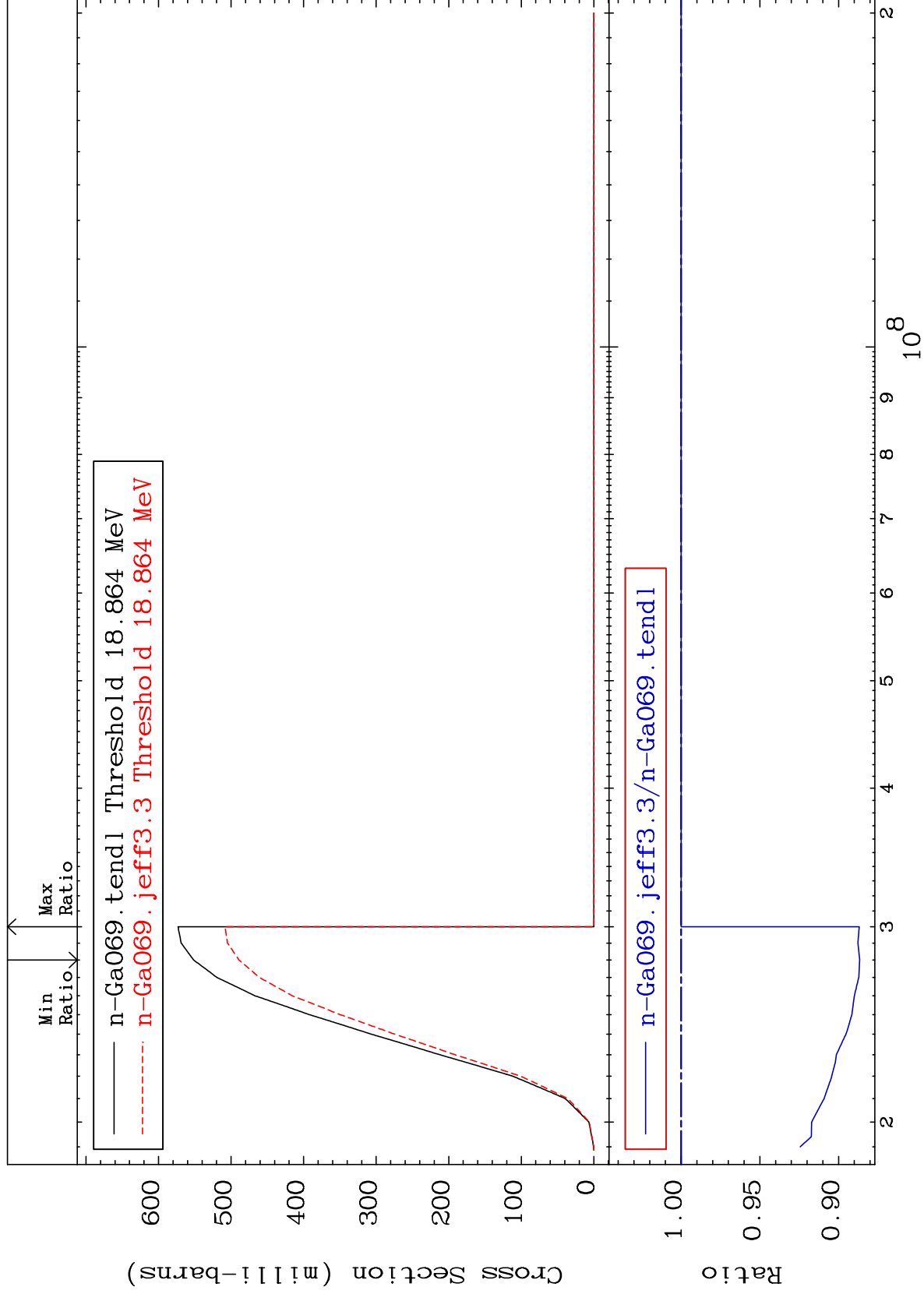
MAT 3125

(n,3n)

31-Ga-69

Cross Section

-11.34 To 0.000 %



6

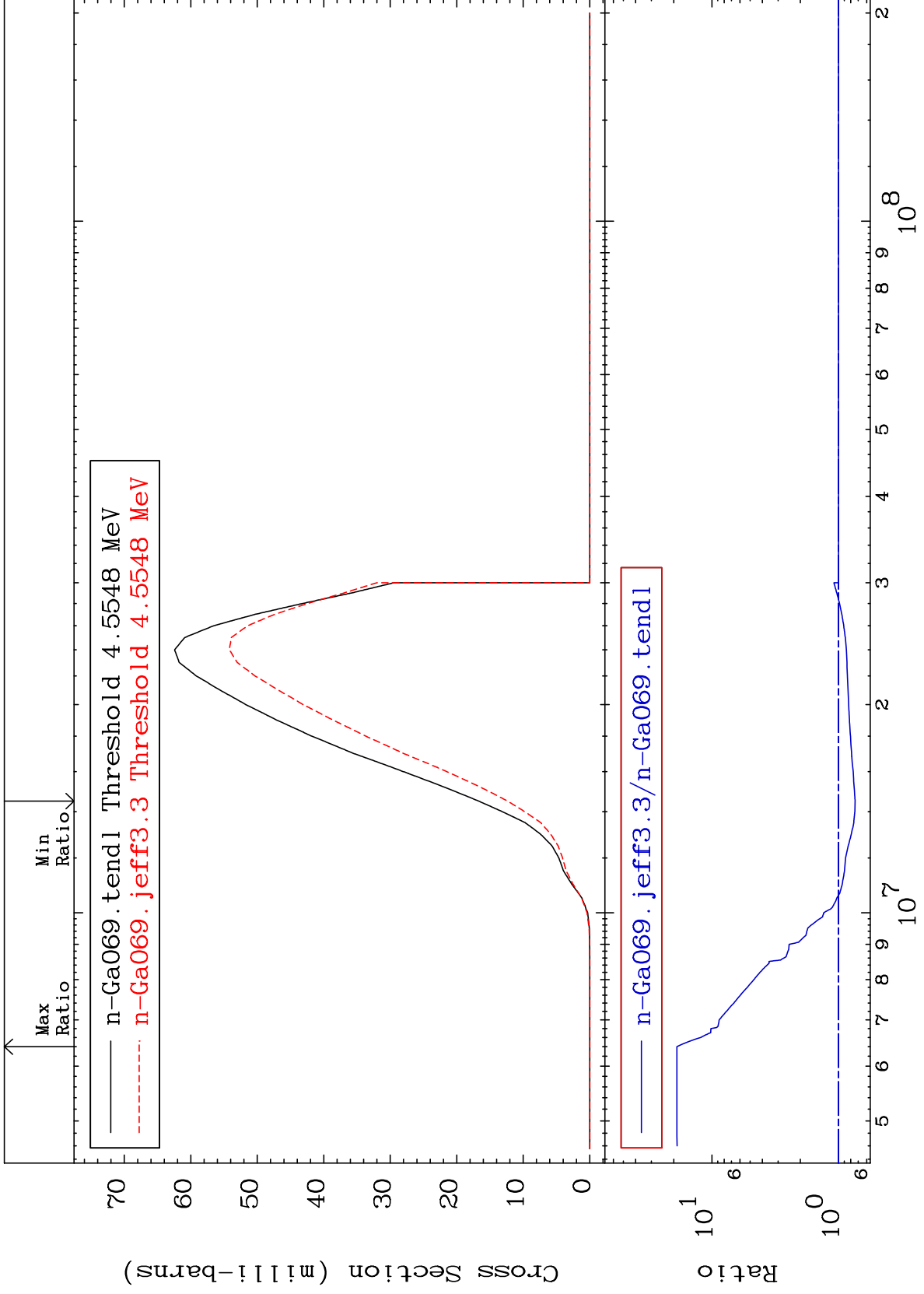
Incident Energy (eV)

31-Ga-69

MAT 3125

(n, n')  $\alpha$   
Cross Section

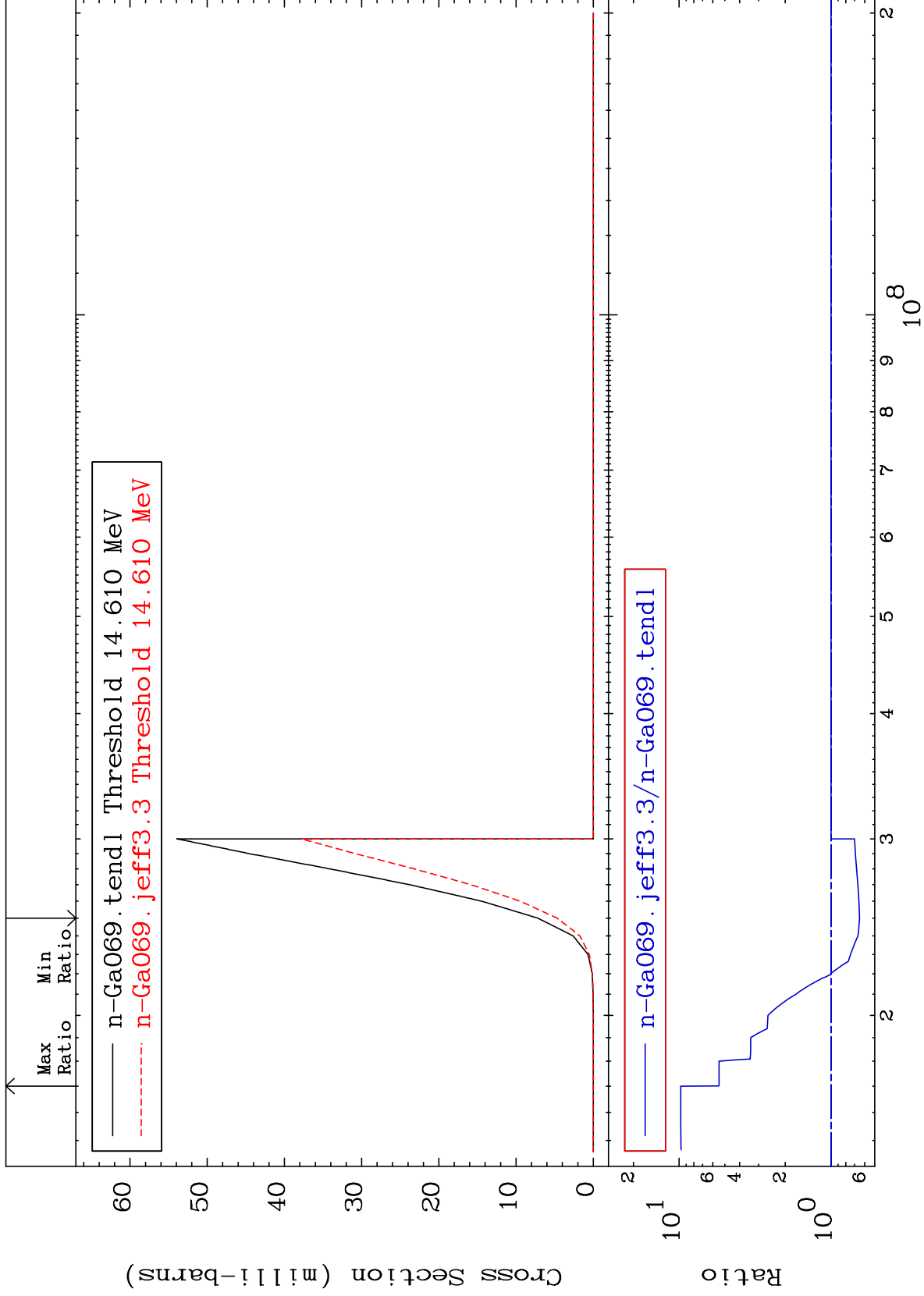
31-Ga-69  
-25.99 To 1788. %



MAT 3125

(n,2n)  $\alpha$   
Cross Section

31-Ga-69  
-35.06 To 875.2 %

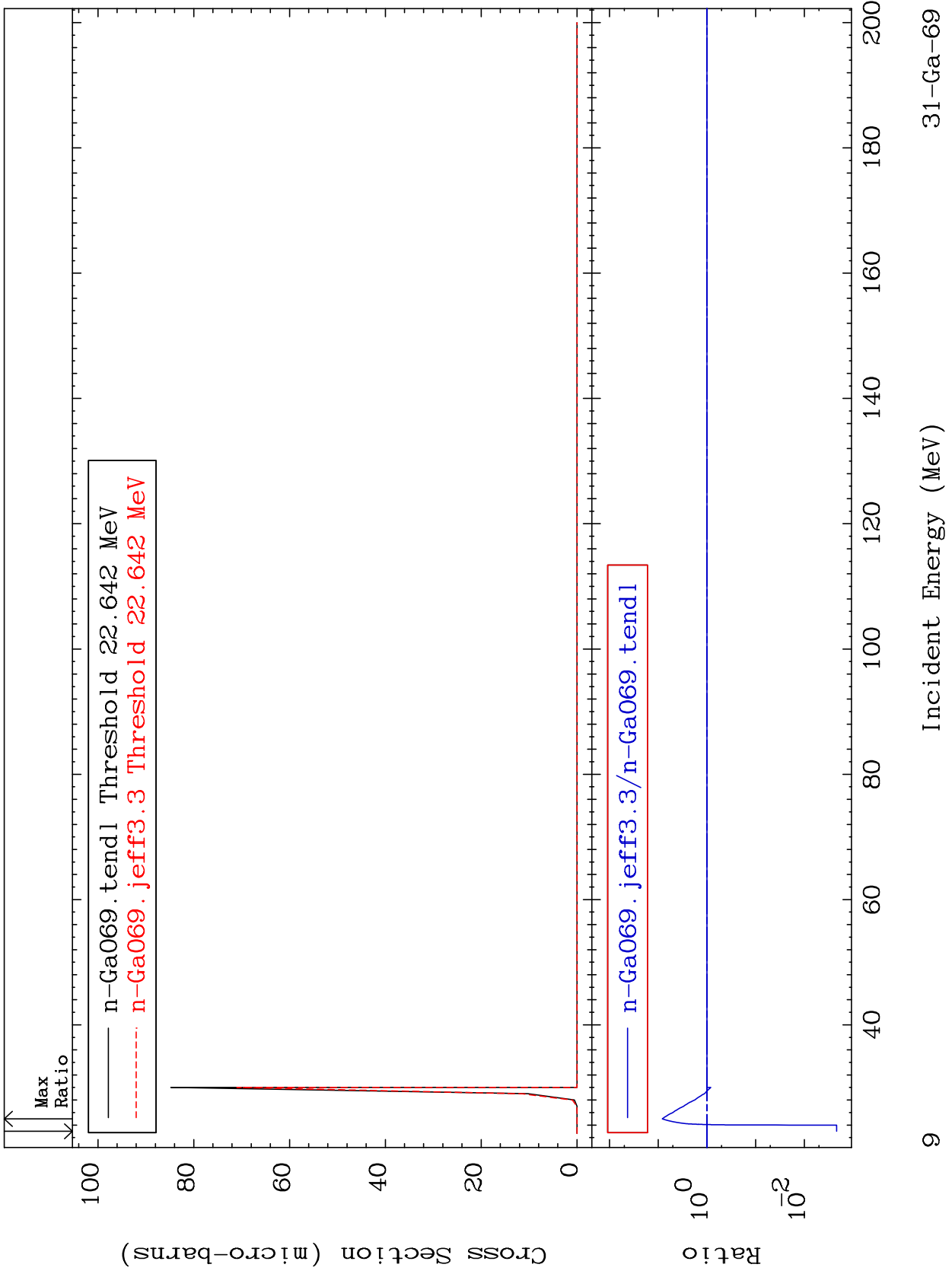




MAT 3125

(n,3n)  $\alpha$   
Cross Section

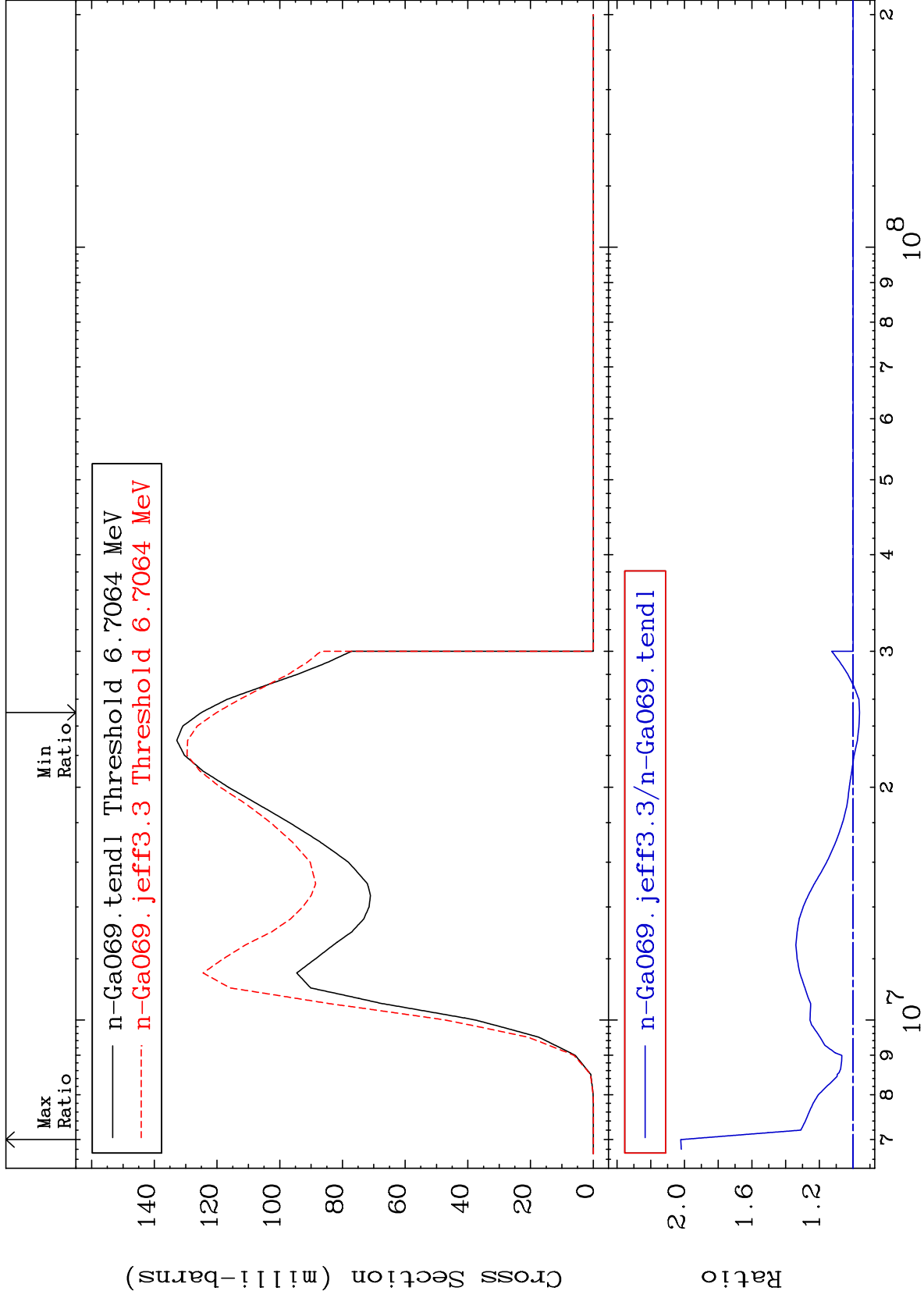
31-Ga-69  
-99.78 To 725.8 %



MAT 3125

(n,n') p  
Cross Section

31-Ga-69  
-3.872 To 102.2 %



10

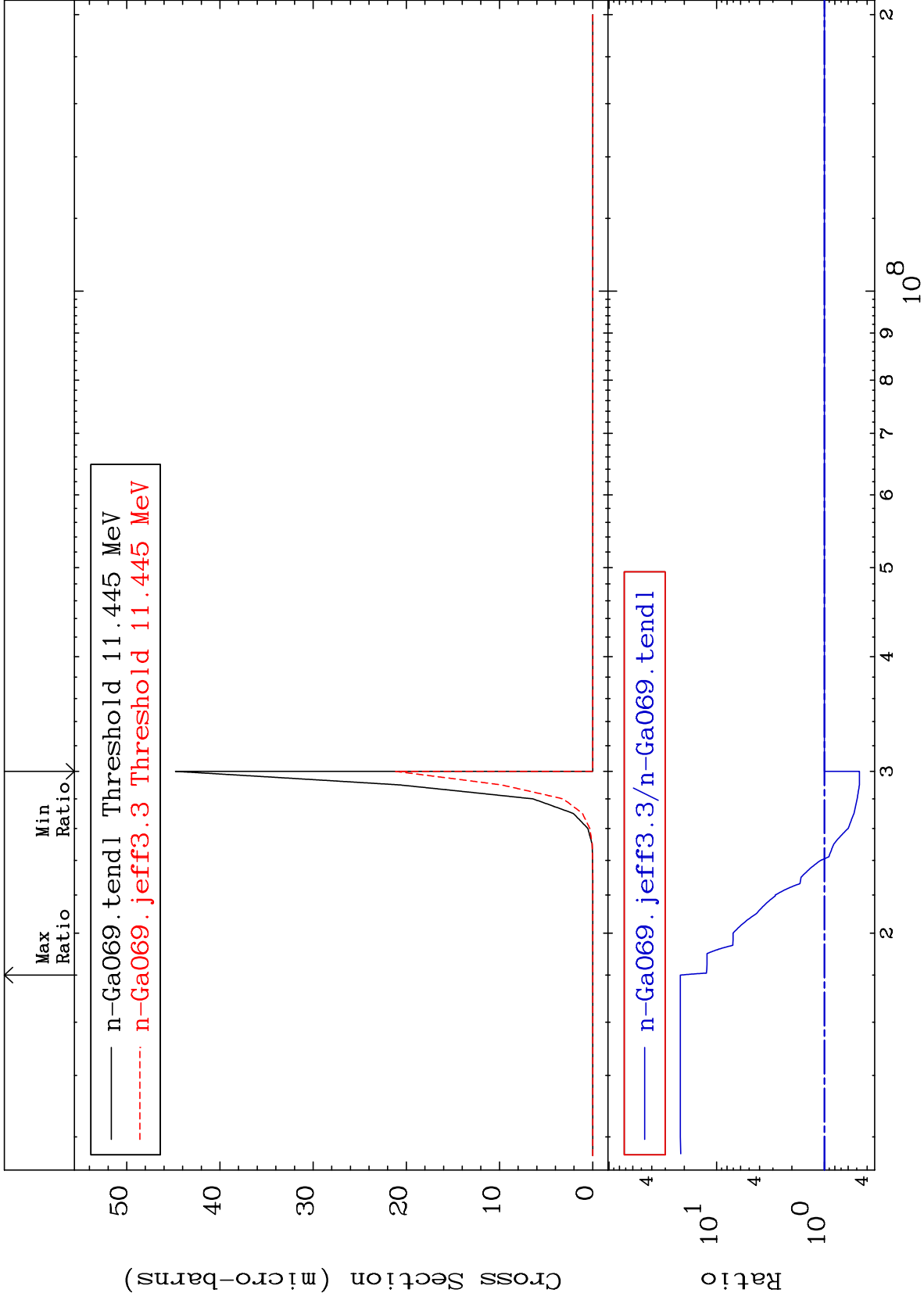
Incident Energy (eV)

31-Ga-69

MAT 3125

(n, n') 2α  
Cross Section

31-Ga-69  
-52.75 To 2073. %



MAT 3125

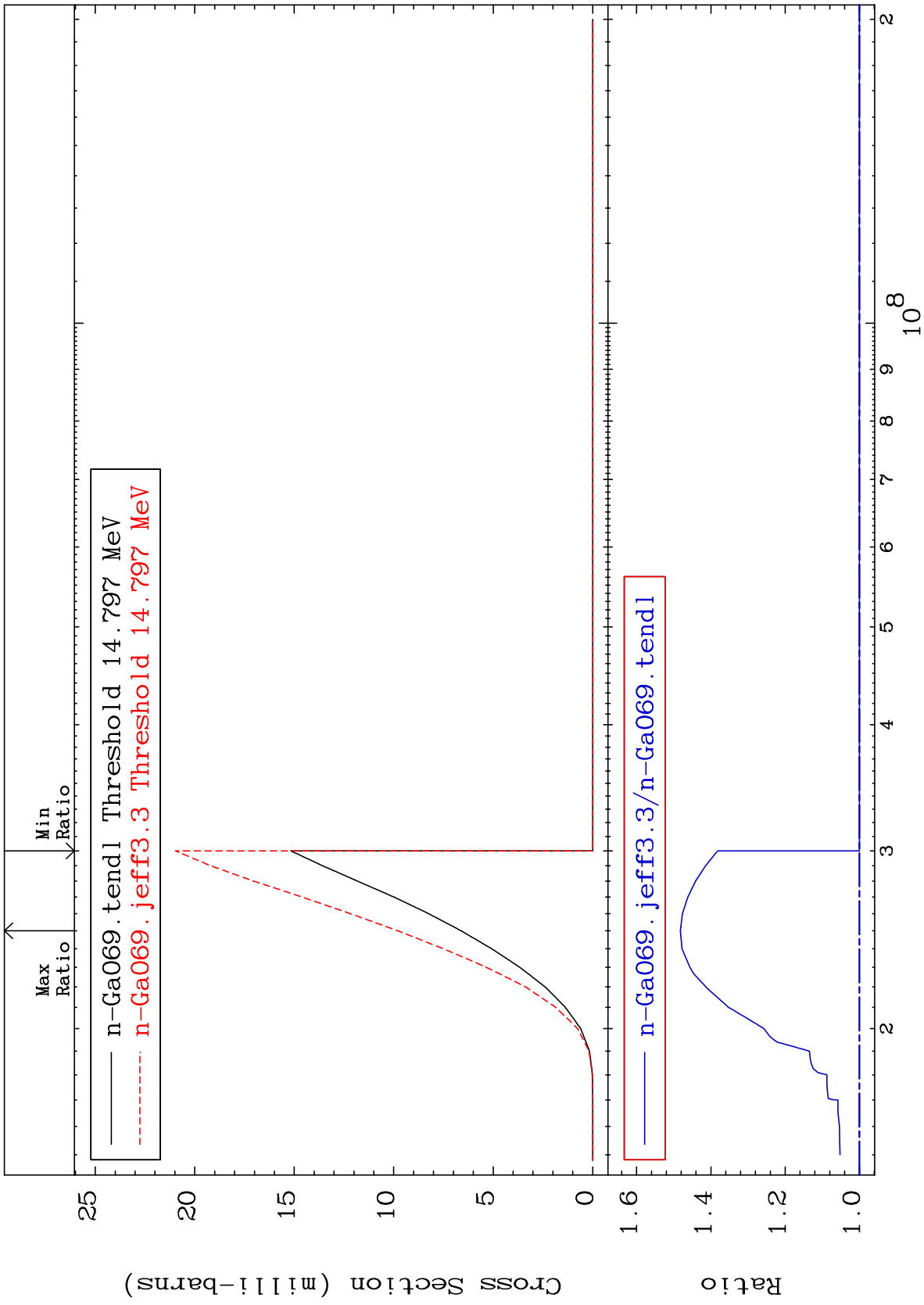
(n,n') d

31-Ga-69

Cross Section

0.000

To 48.22 %



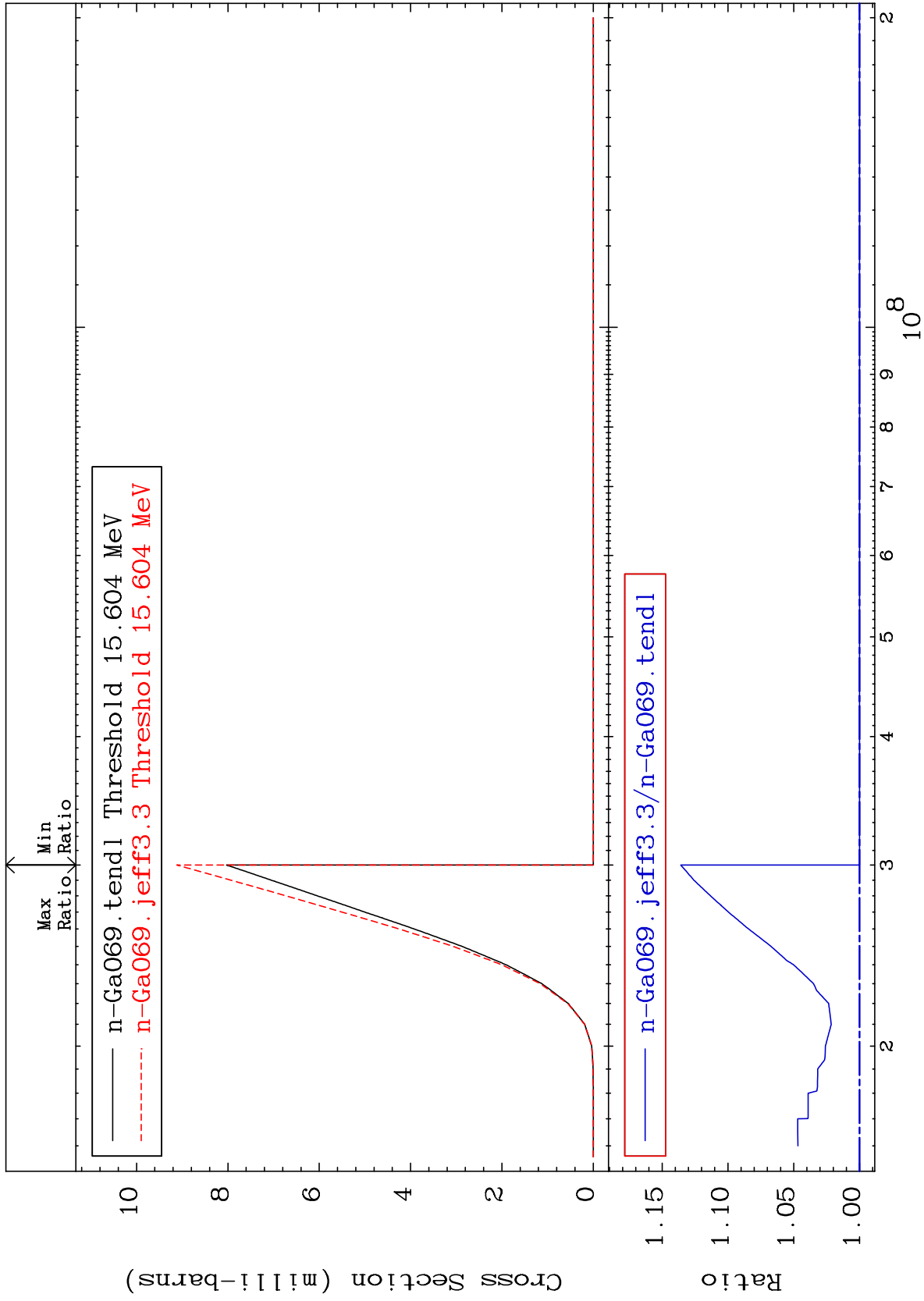
12

Incident Energy (eV)

31-Ga-69

MAT 3125

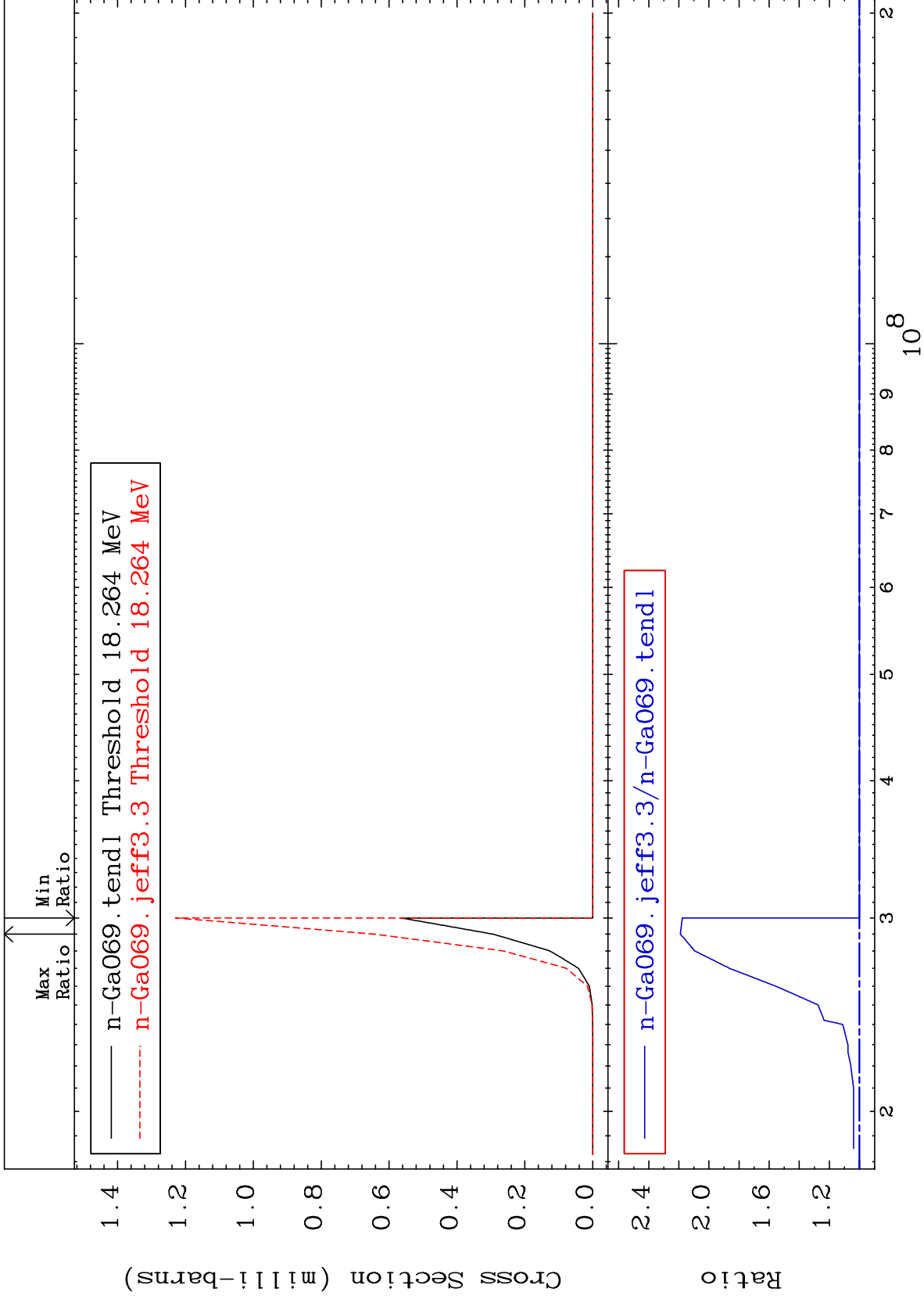
(n,n') t  
Cross Section  
0.000 To 13.58 %  
31-Ga-69



MAT 3125

(n, n') He-3  
Cross Section

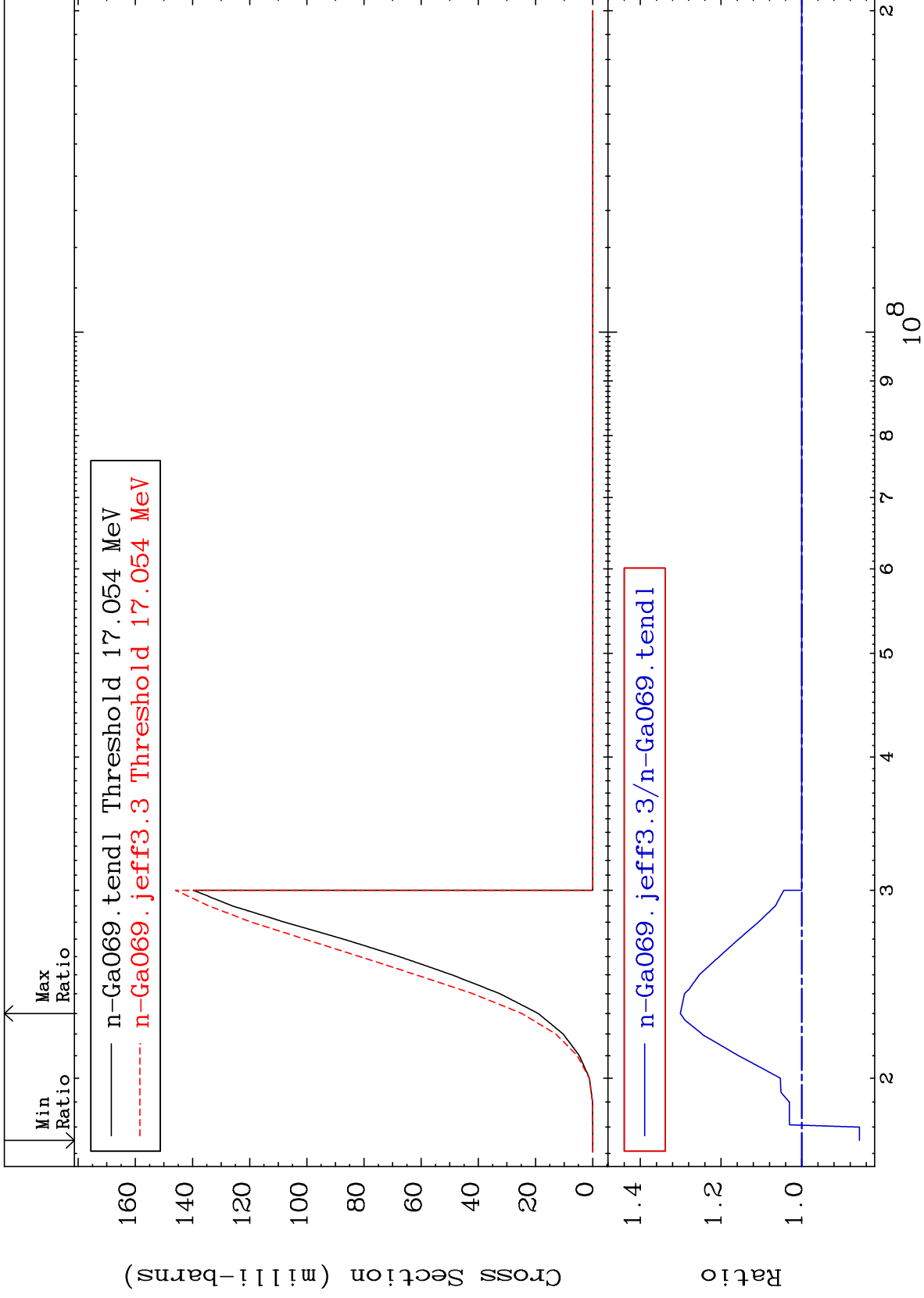
31-Ga-69  
0.000 To 119.0 %



14

Incident Energy (eV)

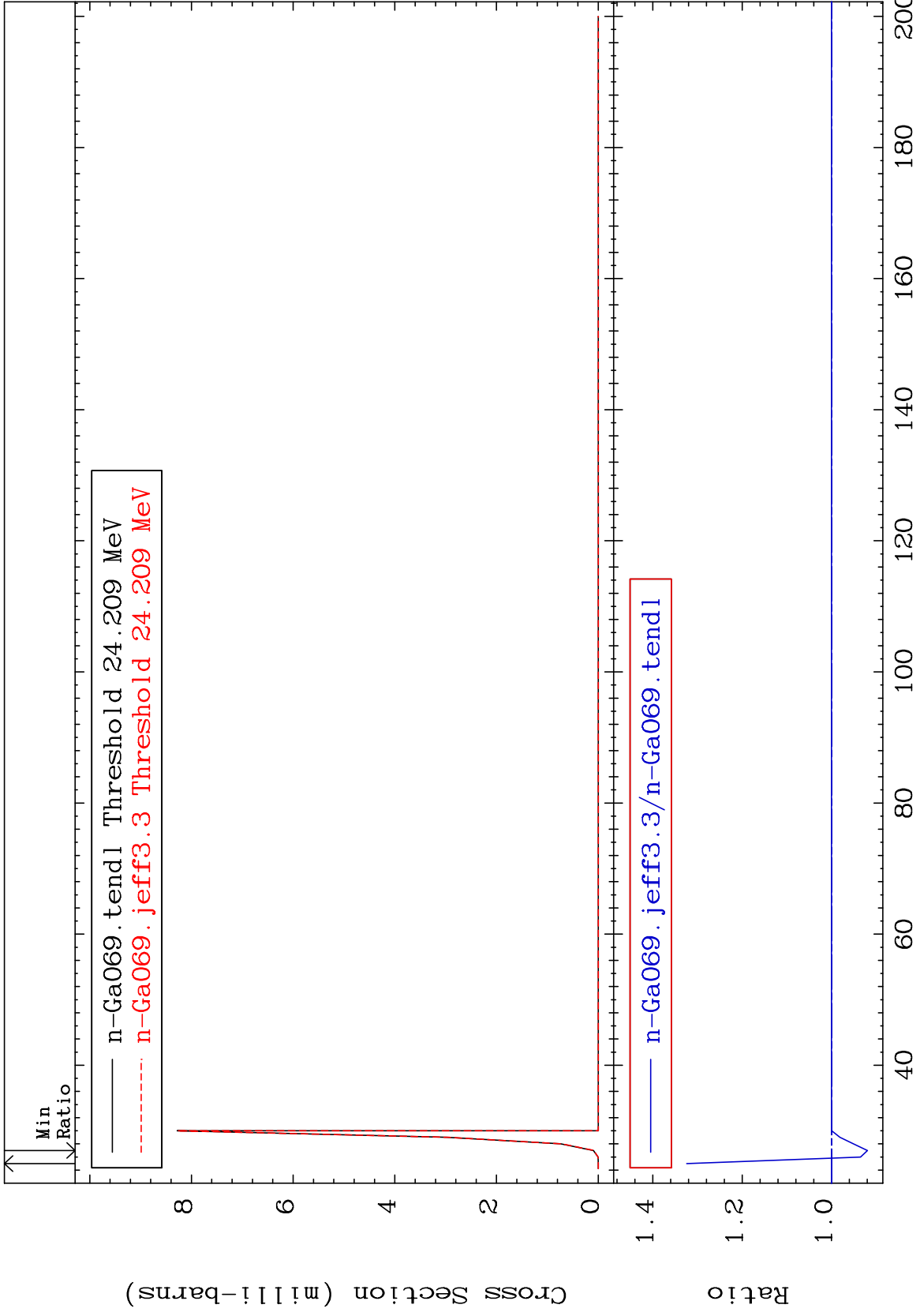
31-Ga-69



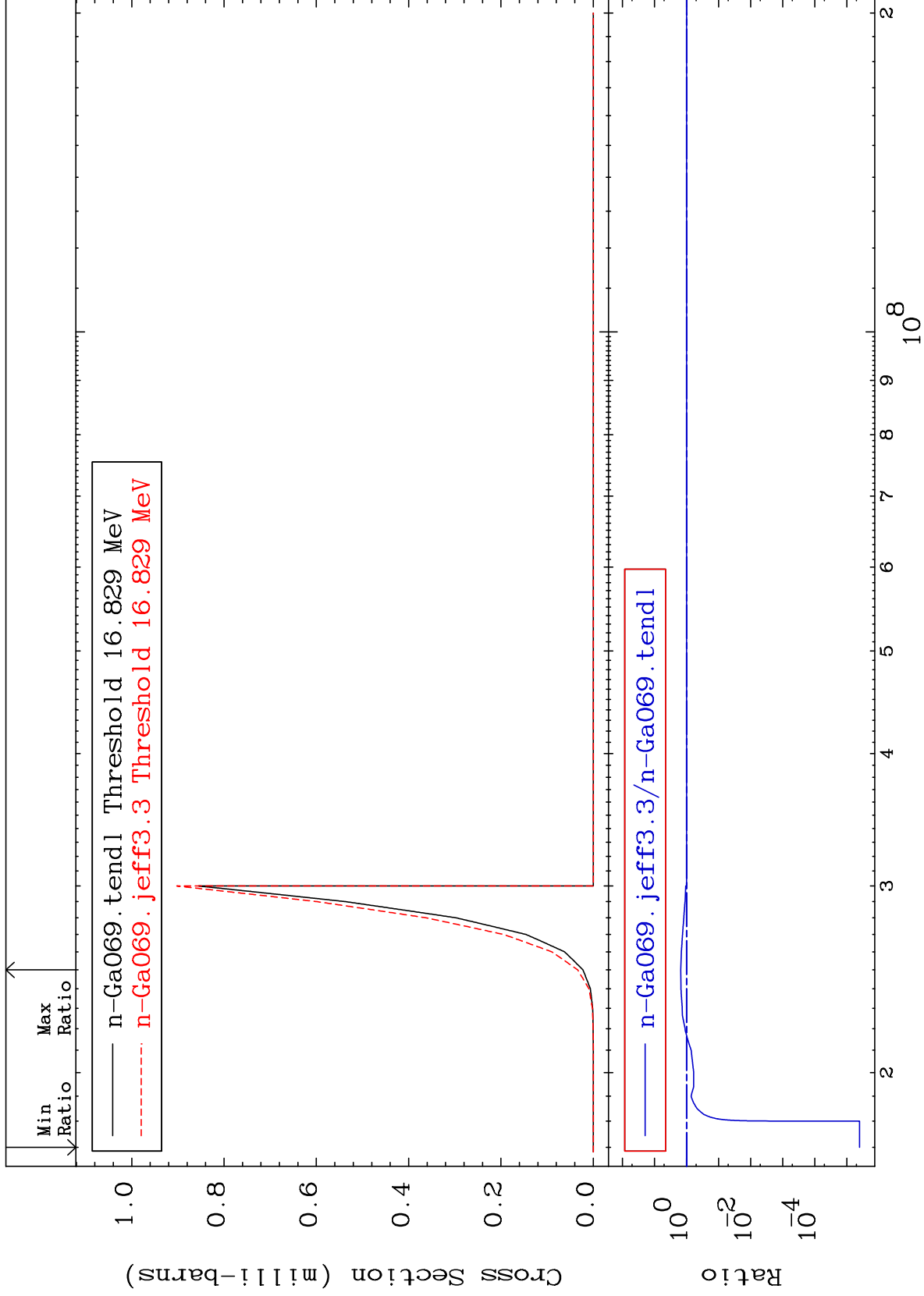
MAT 3125

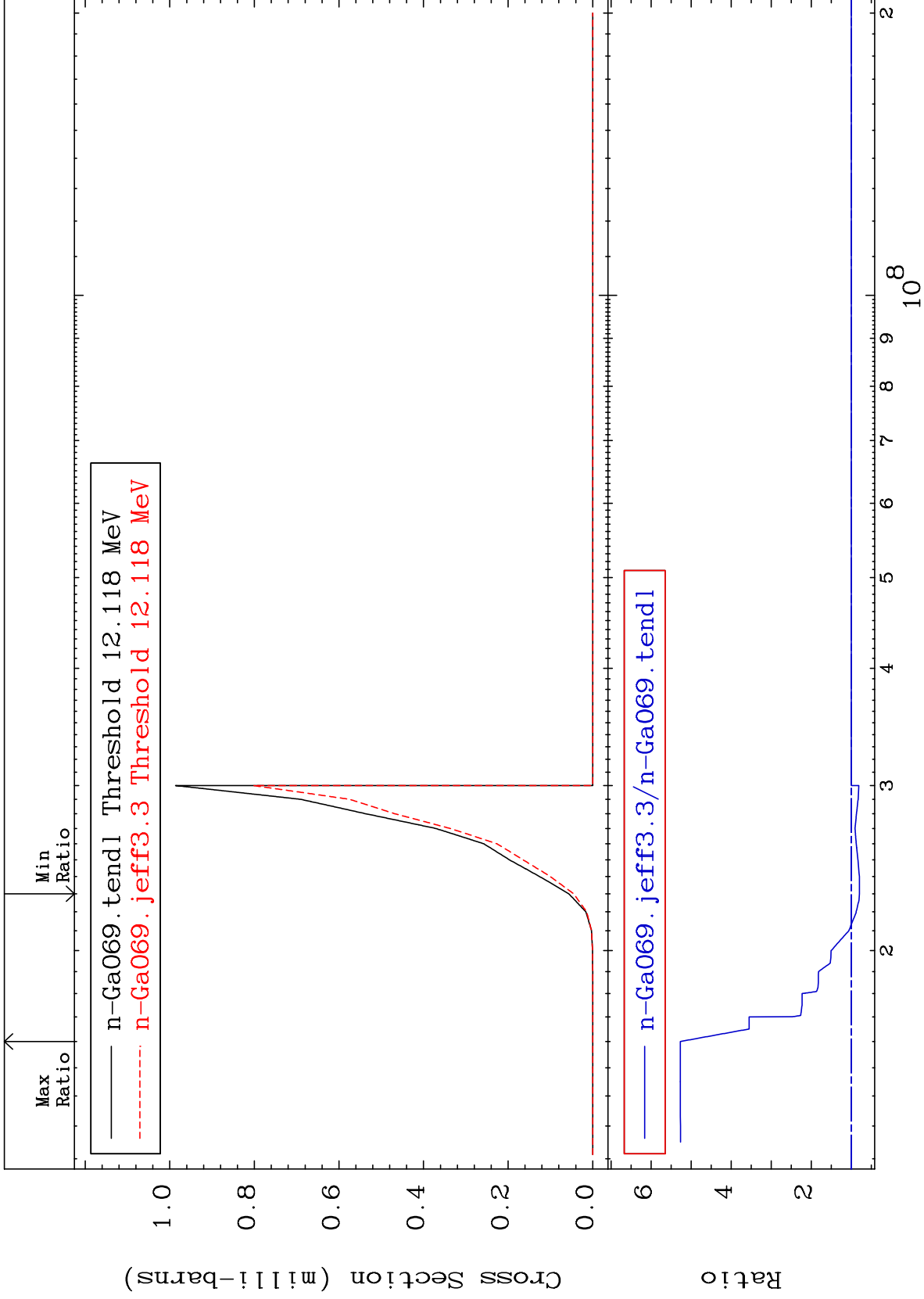
(n,3n) p  
Cross Section

31-Ga-69  
-8.027 To 32.40 %





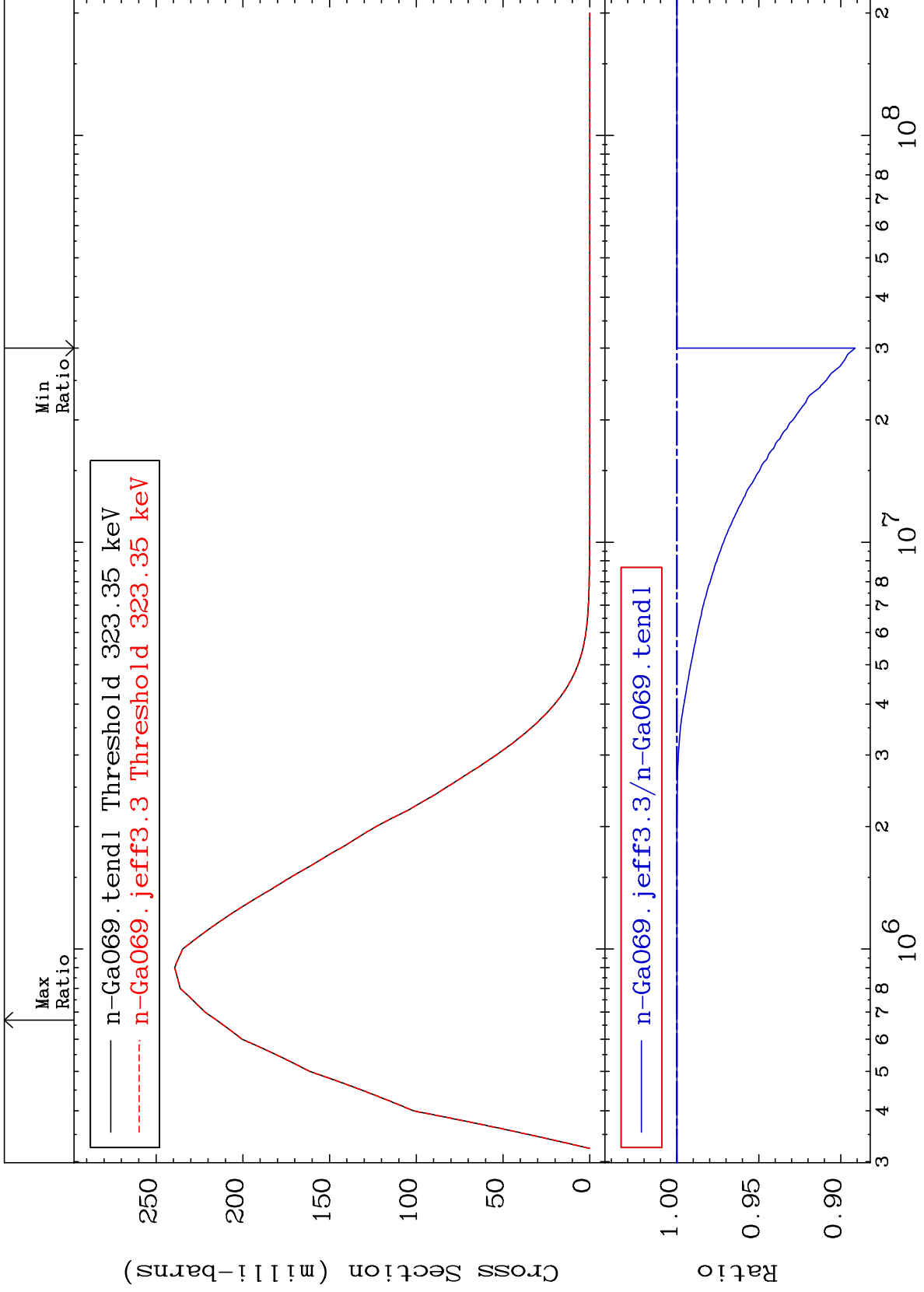




MAT 3125

MT= 51 (n,n') Level  
Cross Section

31-Ga-69  
-10.87 To 0.000 %



19

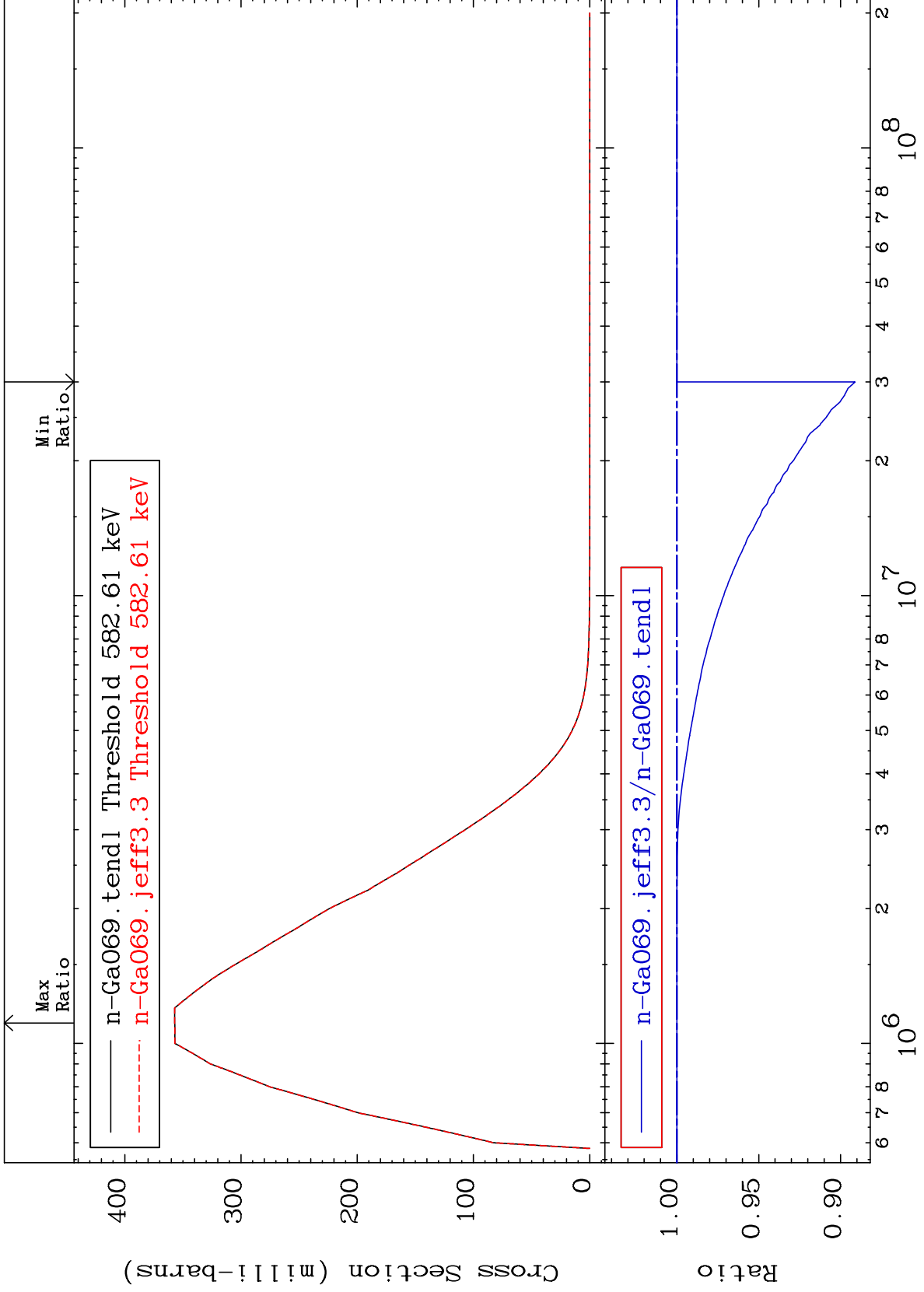
Incident Energy (eV)

31-Ga-69

MAT 3125

MT= 52 (n,n') Level  
Cross Section

31-Ga-69  
-10.89 To 0.000 %



20

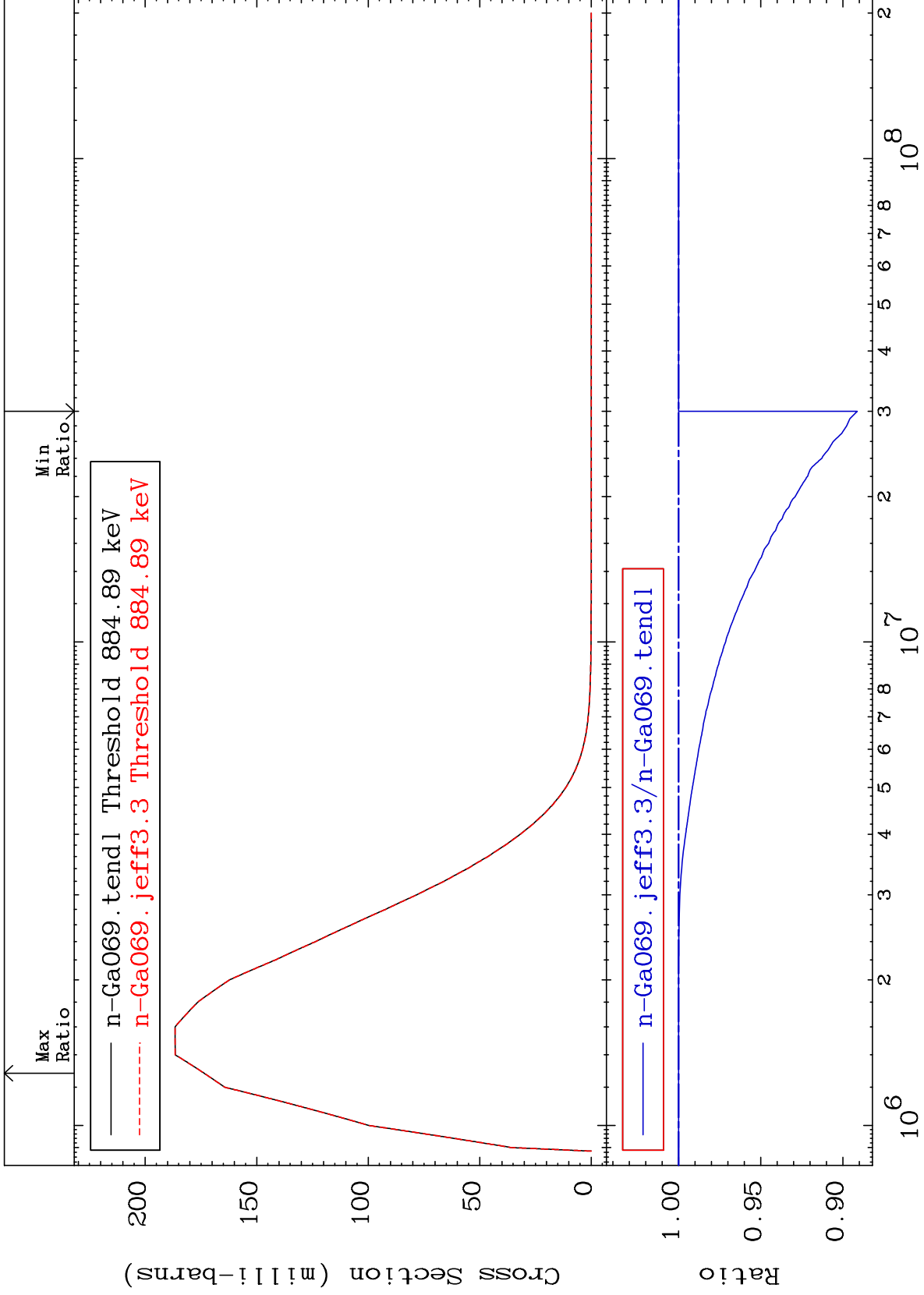
Incident Energy (eV)

31-Ga-69

MAT 3125

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

31-Ga-69  
-10.88 To 0.000 %



21

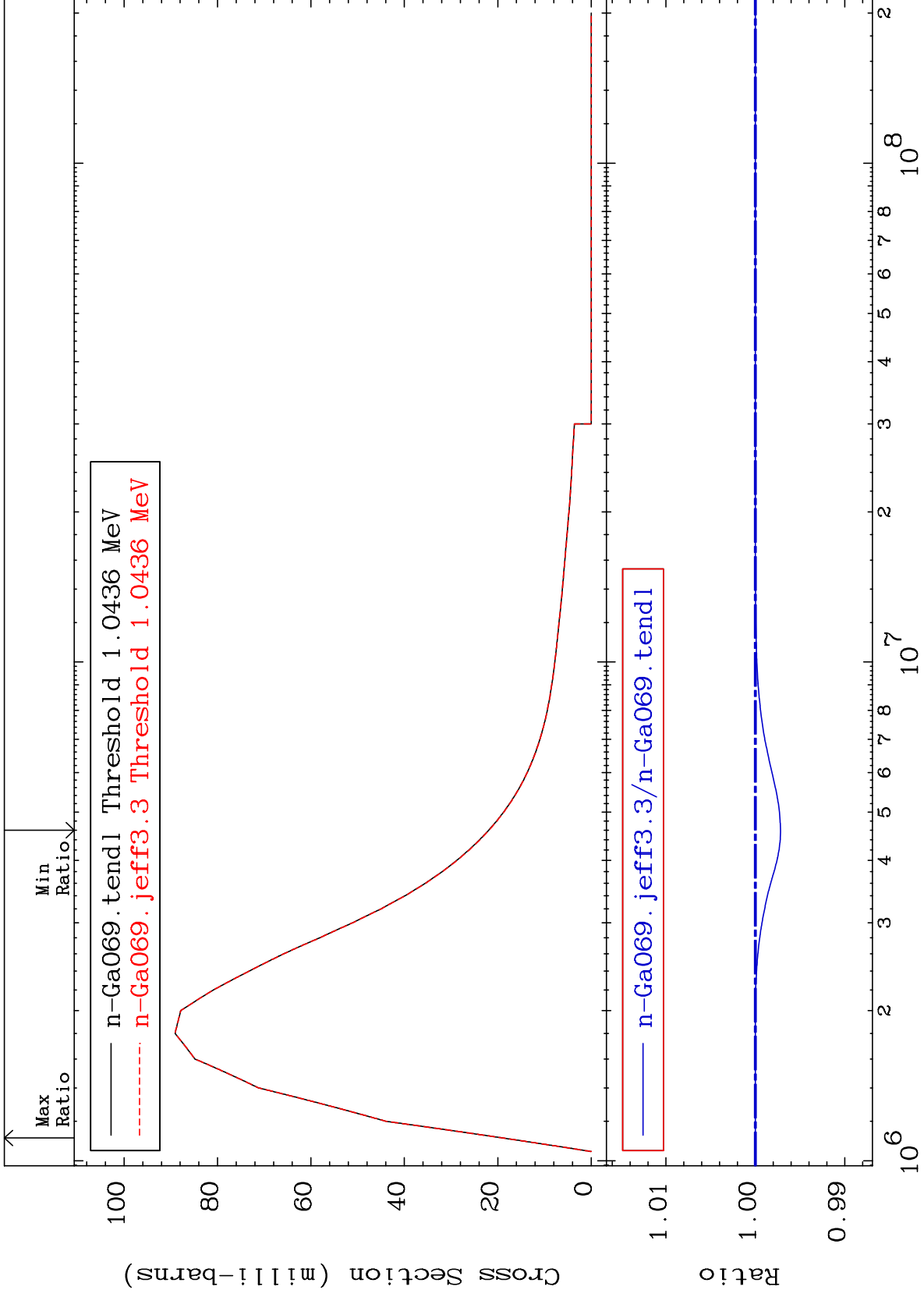
Incident Energy (eV)

31-Ga-69

MAT 3125

MT= 54 (n,n') Level  
Cross Section

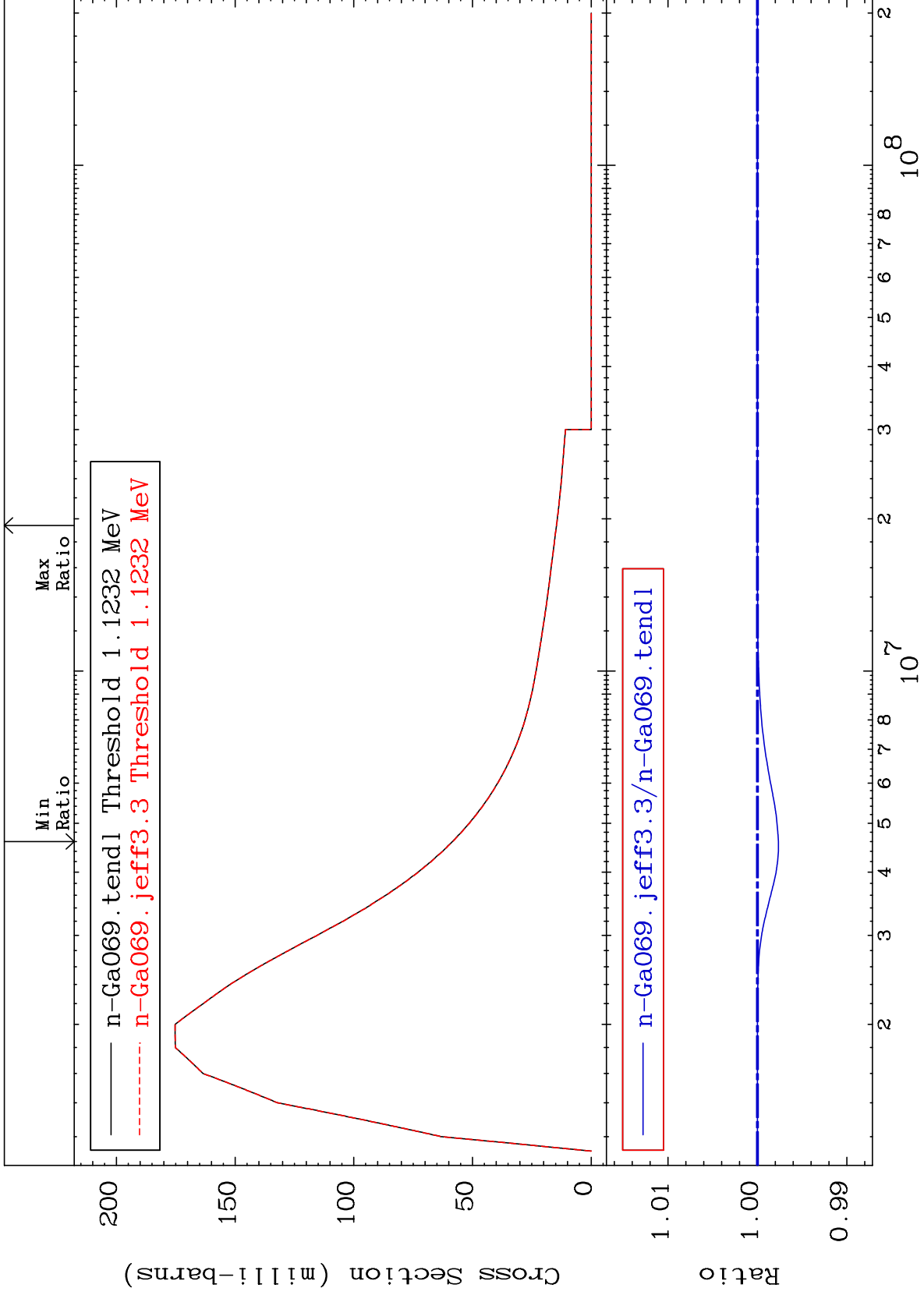
31-Ga-69  
-0.282 To 0.000 %



MAT 3125

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

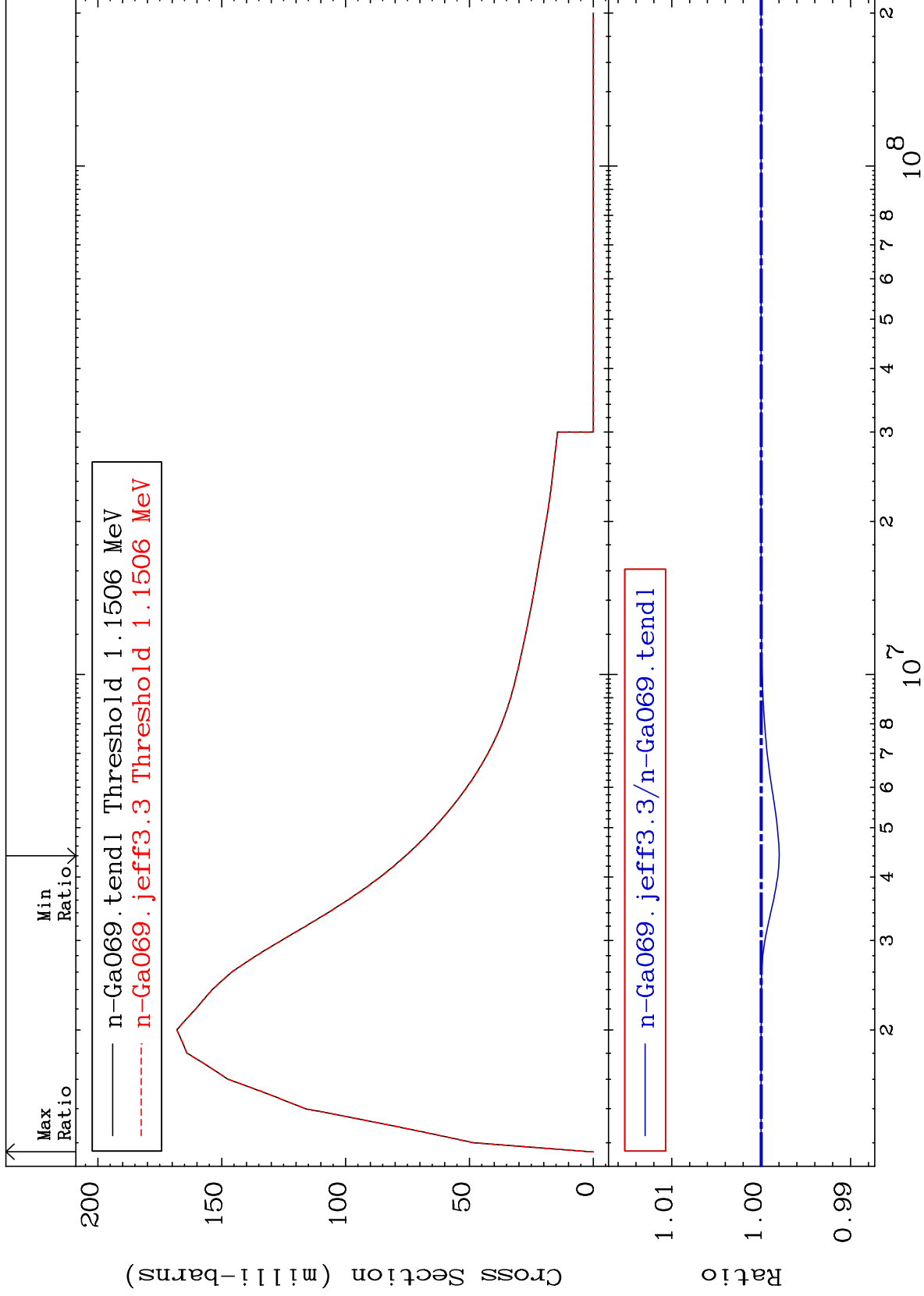
31-Ga-69  
-0.235 To 0.000 %



MAT 3125

MT= 56 (n,n') Level  
Cross Section

31-Ga-69  
-0.201 To 0.000 %

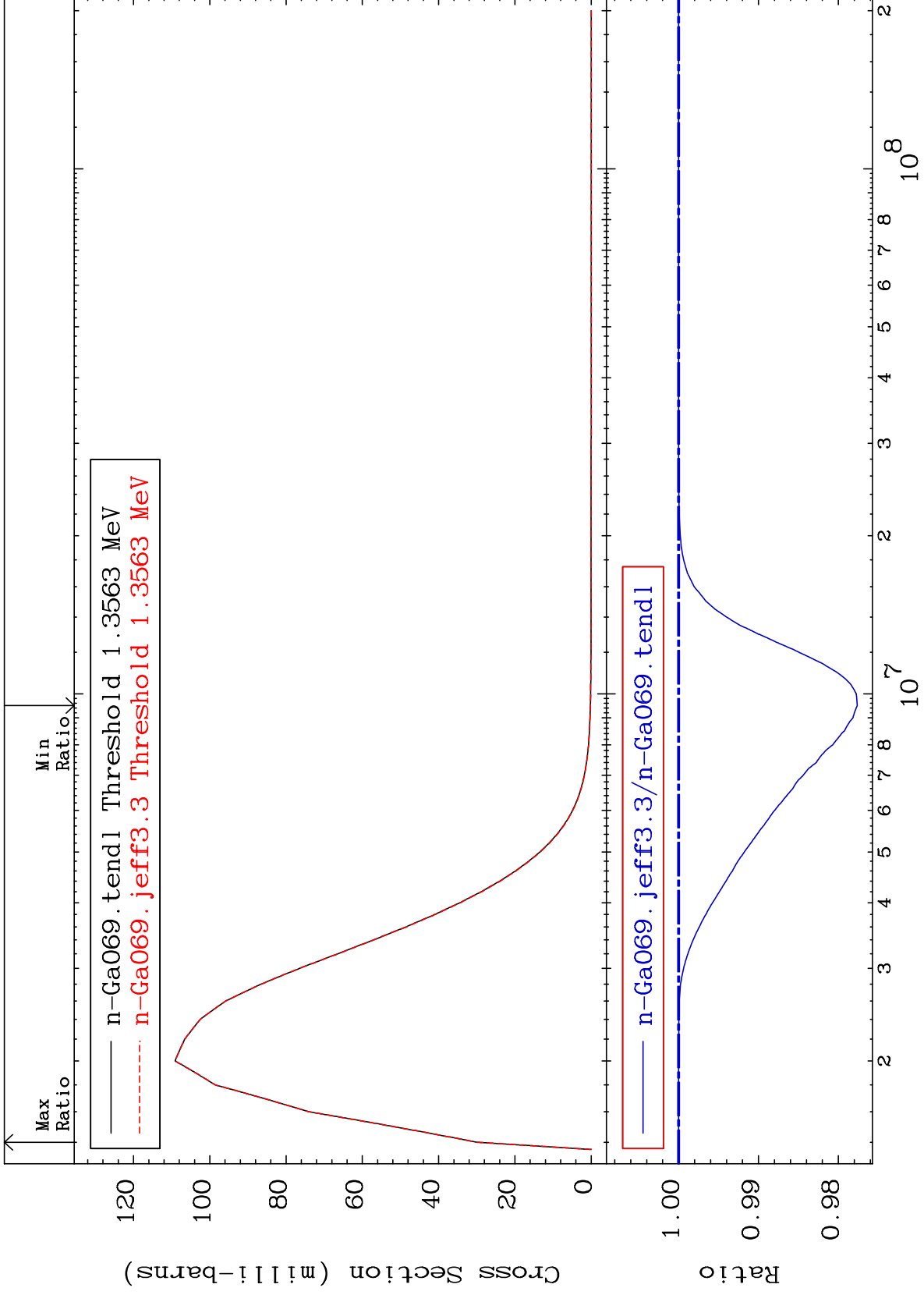


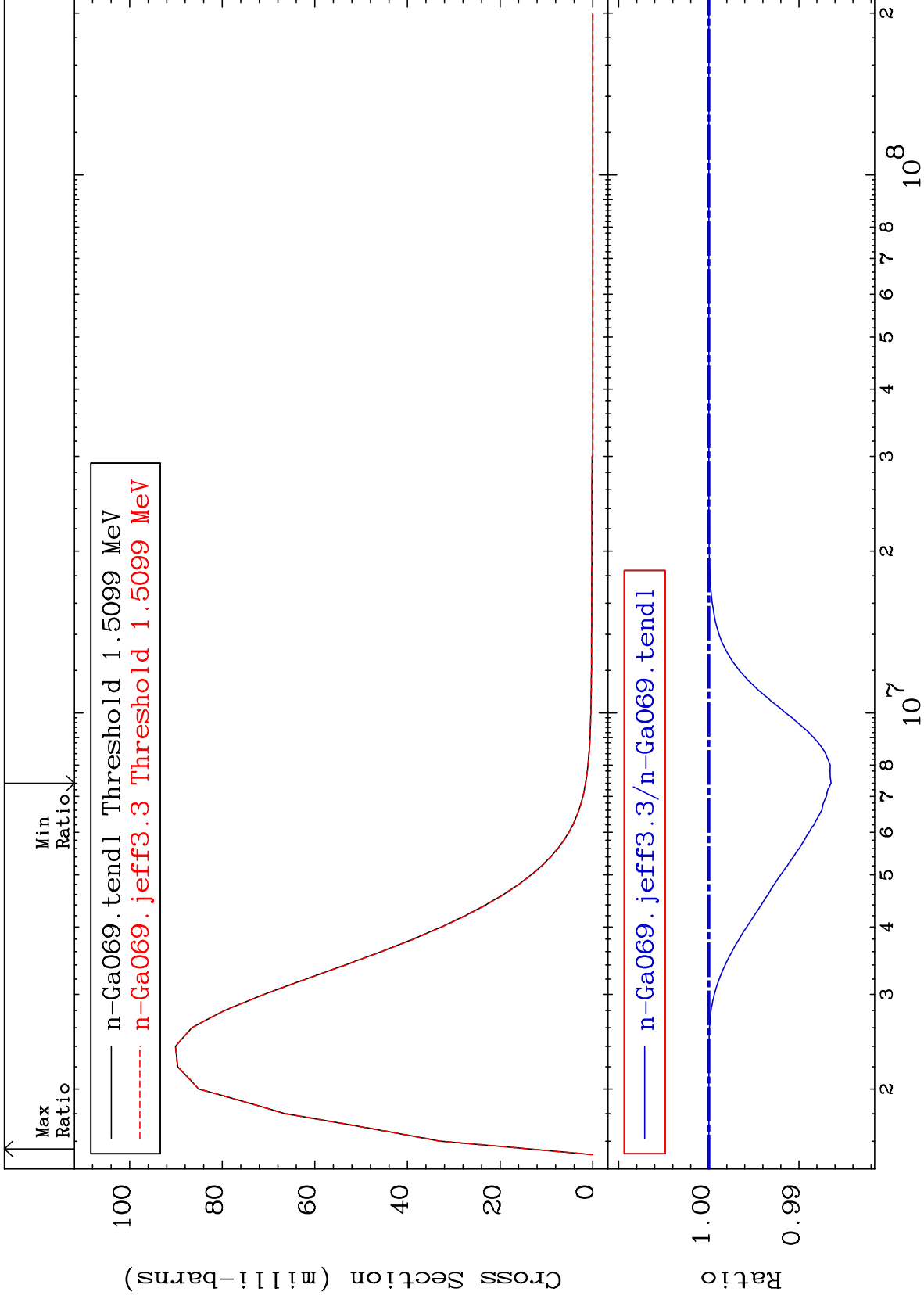
24

Incident Energy (eV)

31-Ga-69



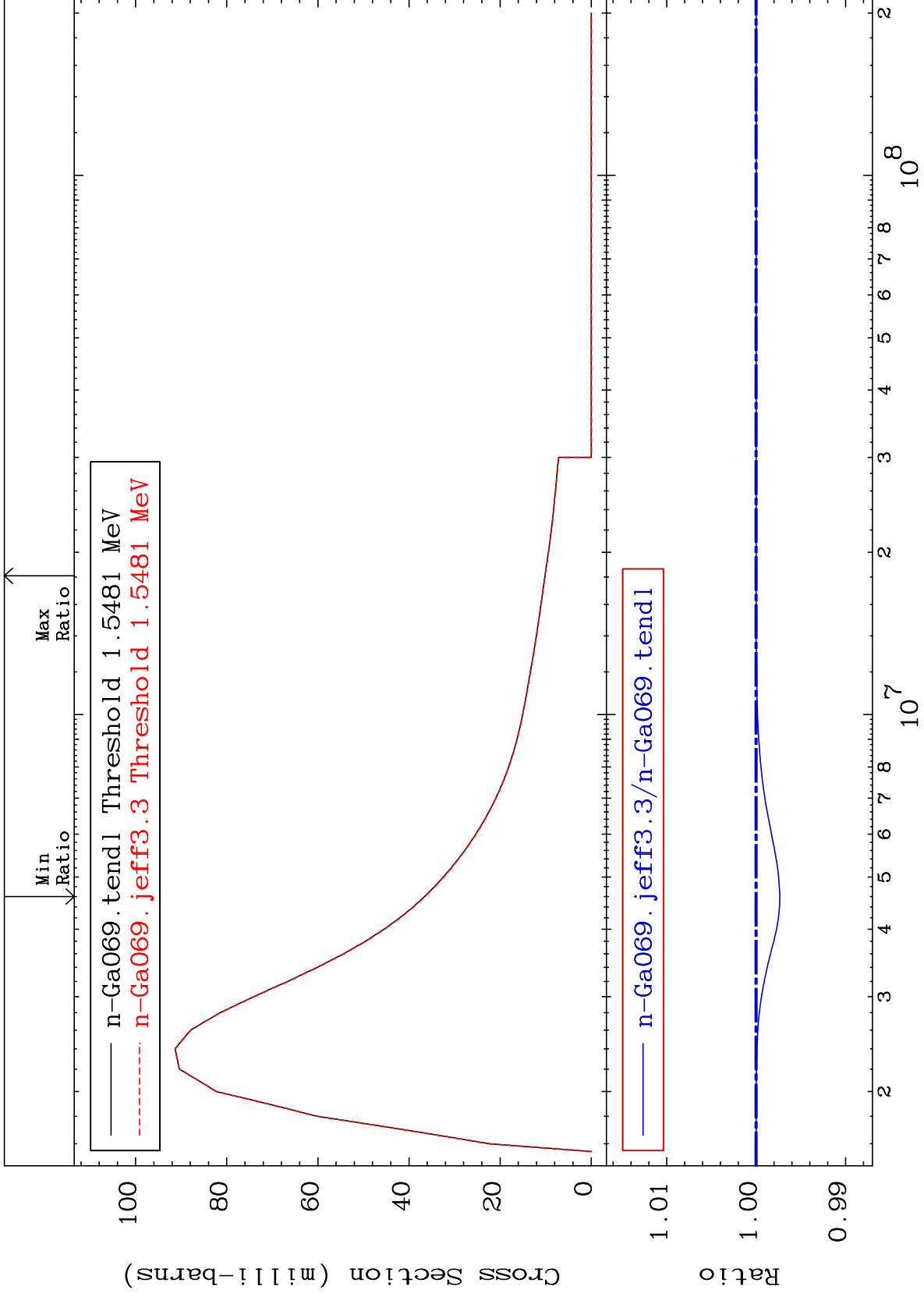




MAT 3125

MT= 59 (n,n') Level  
Cross Section

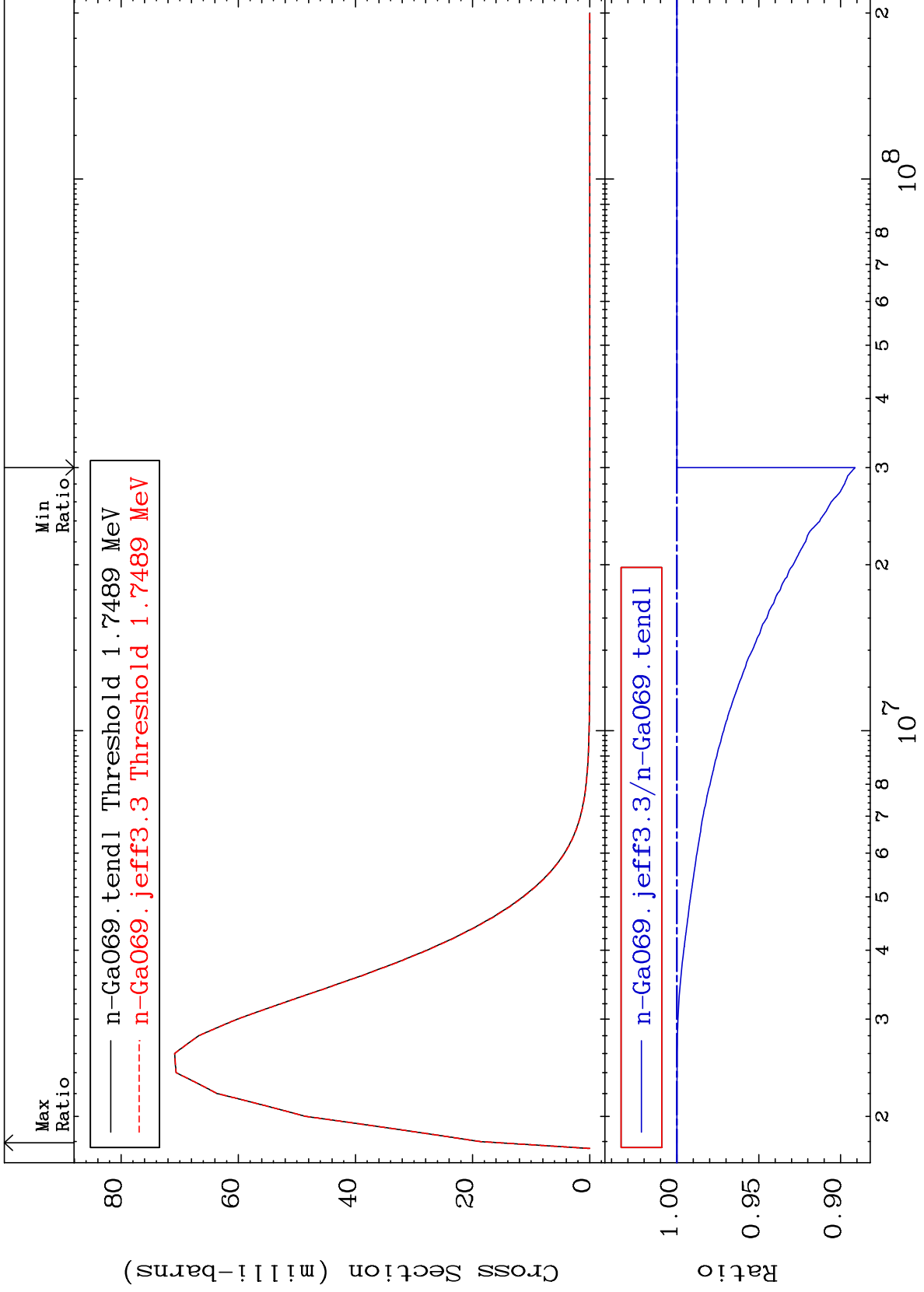
31-Ga-69  
-0.265 To 0.000 %



MAT 3125

MT= 60 (n,n') Level  
Cross Section

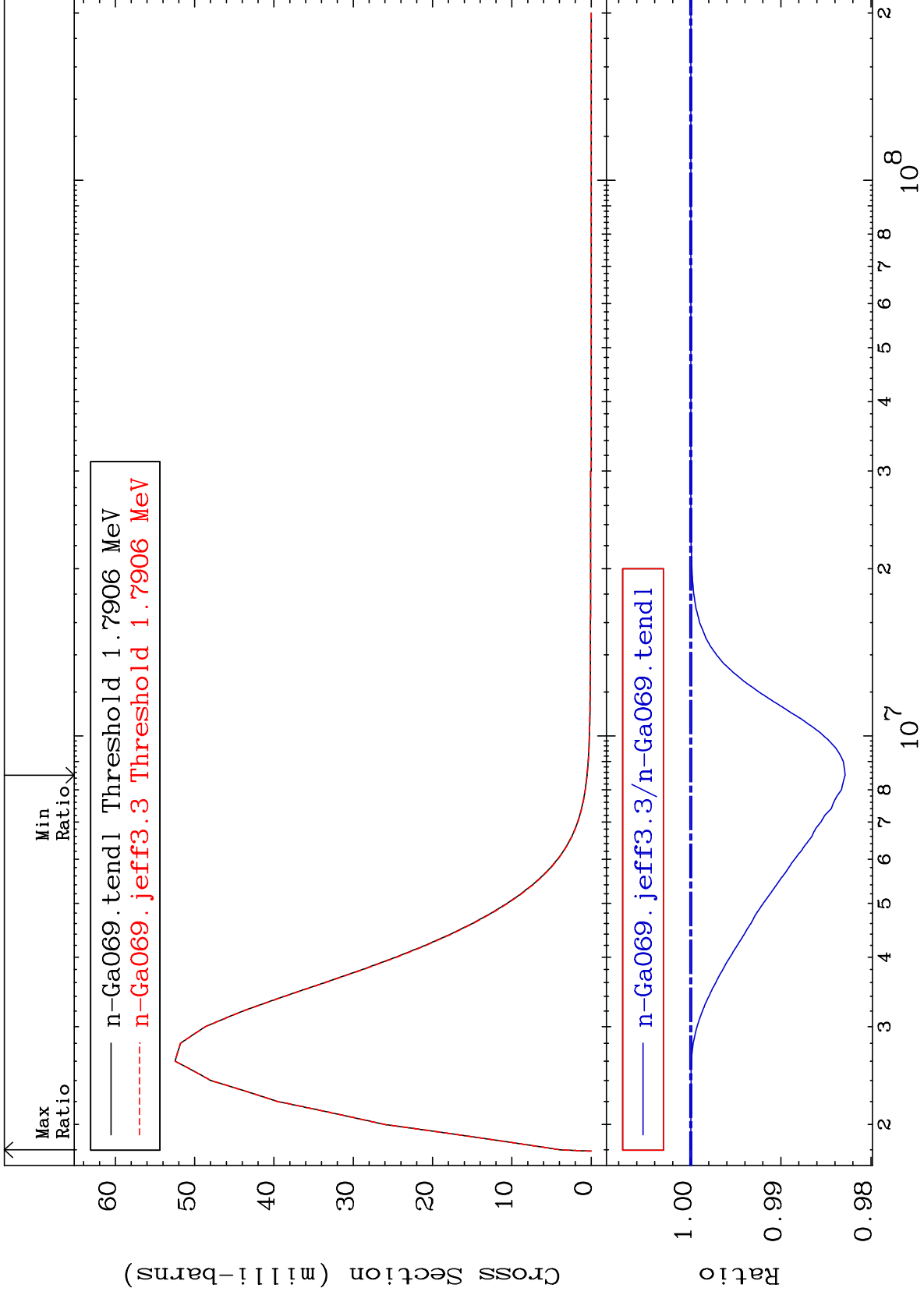
31-Ga-69  
-10.88 To 0.000 %



MAT 3125

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

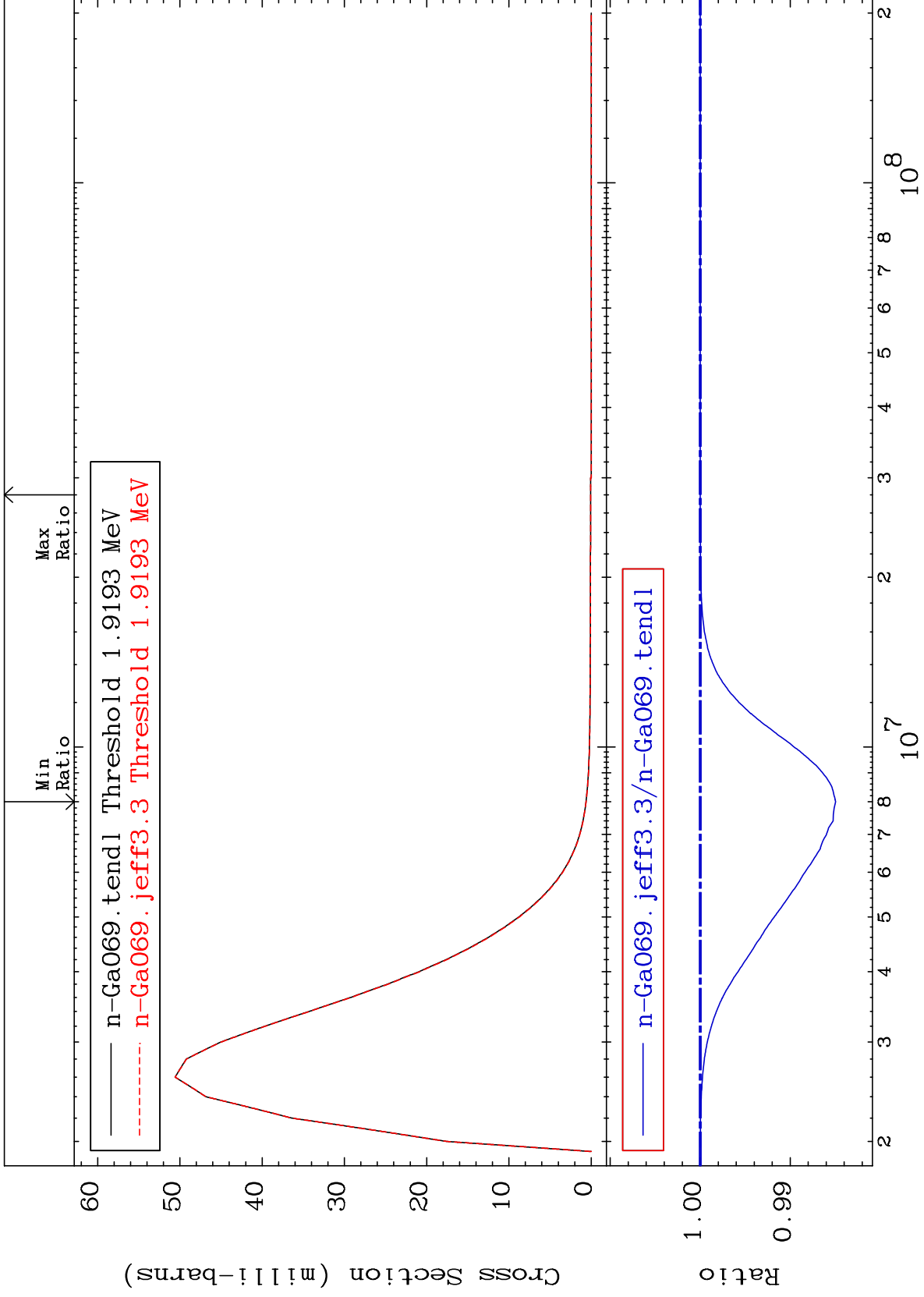
31-Ga-69  
-1.713 To 0.000 %



MAT 3125

MT= 62 (n,n') Level  
Cross Section

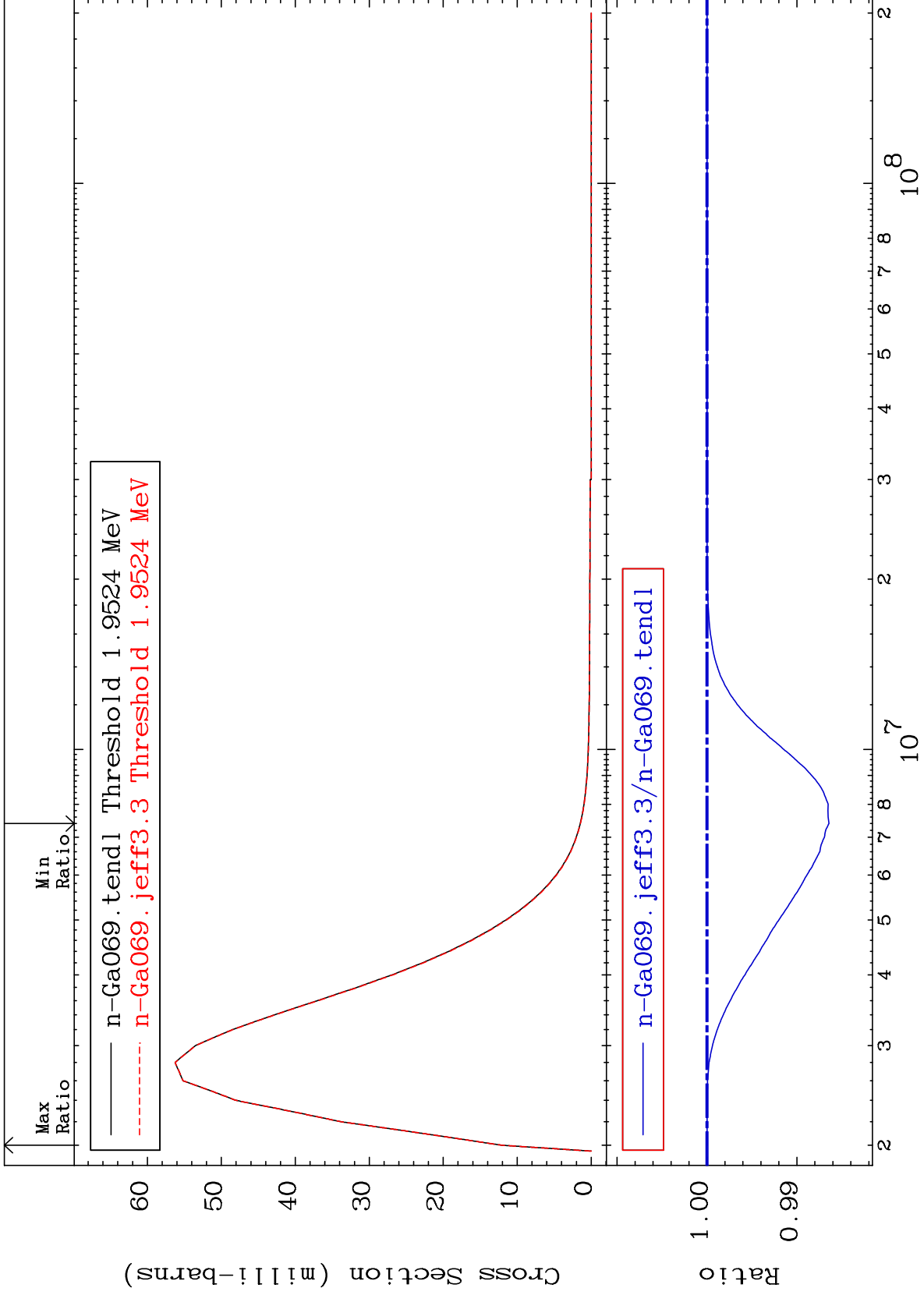
31-Ga-69  
-1.505 To 0.000 %



30

Incident Energy (eV)

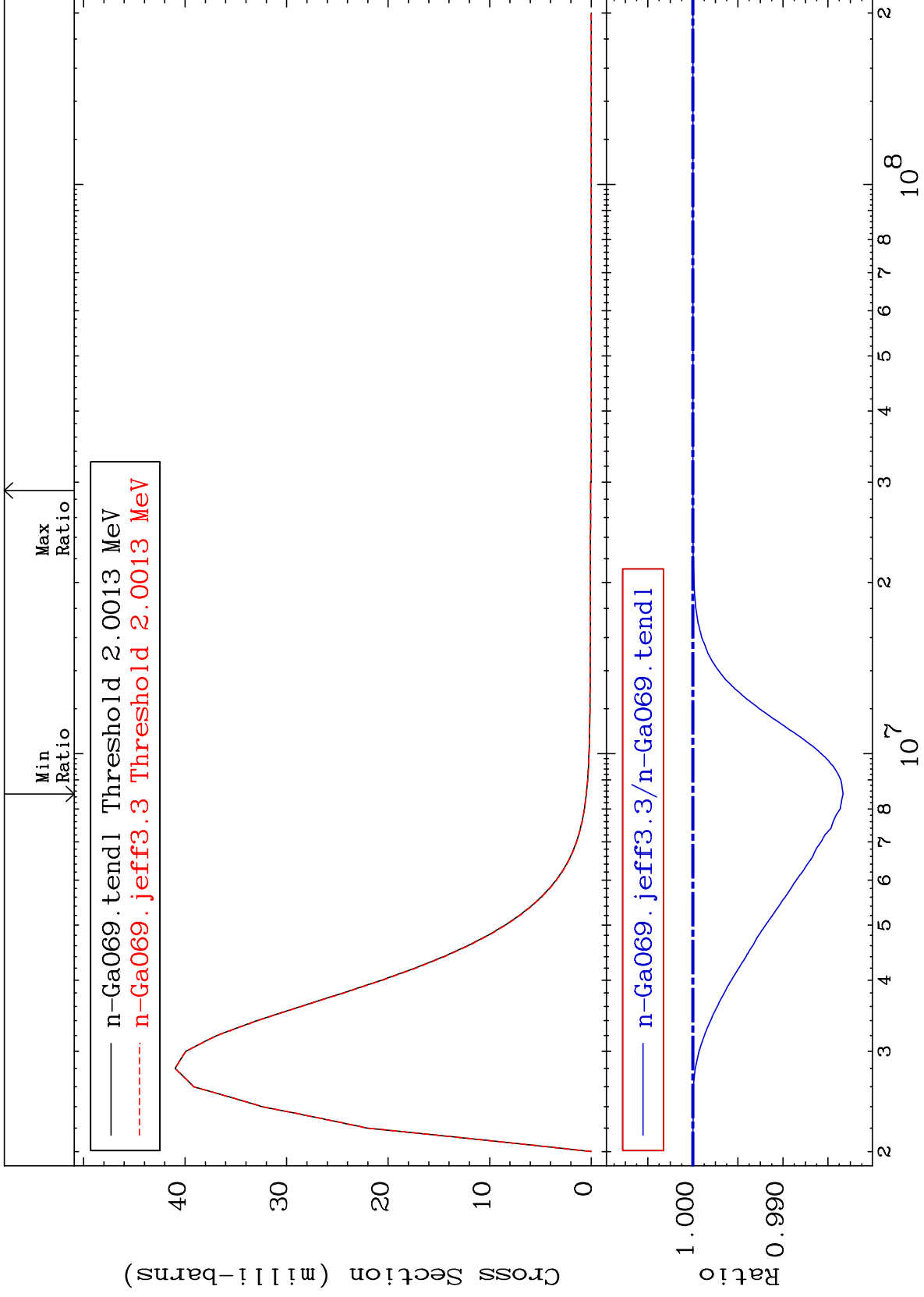
31-Ga-69



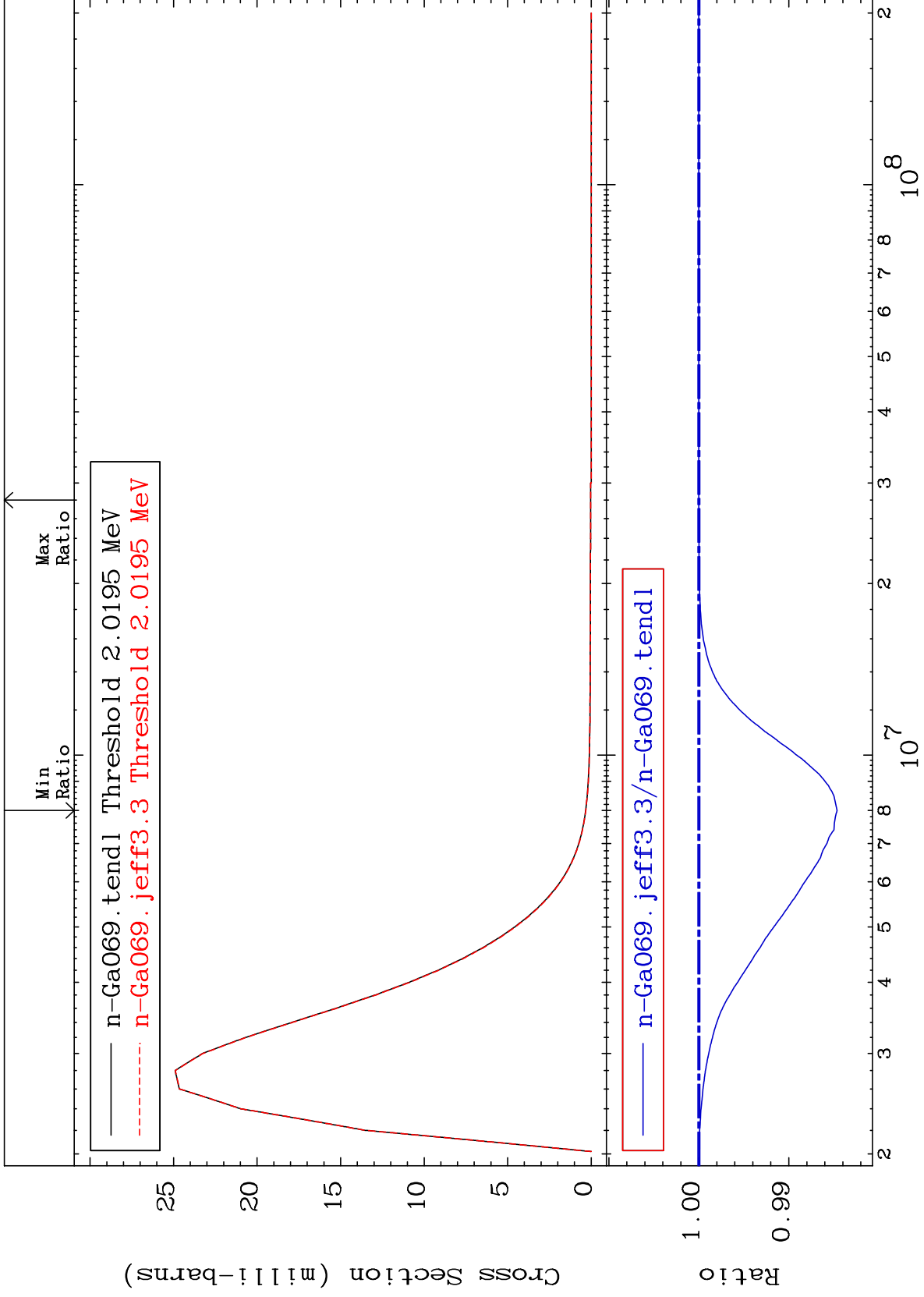
MAT 3125

MT= 64 (n,n') Level  
Cross Section

31-Ga-69  
-1.667 To 0.000 %



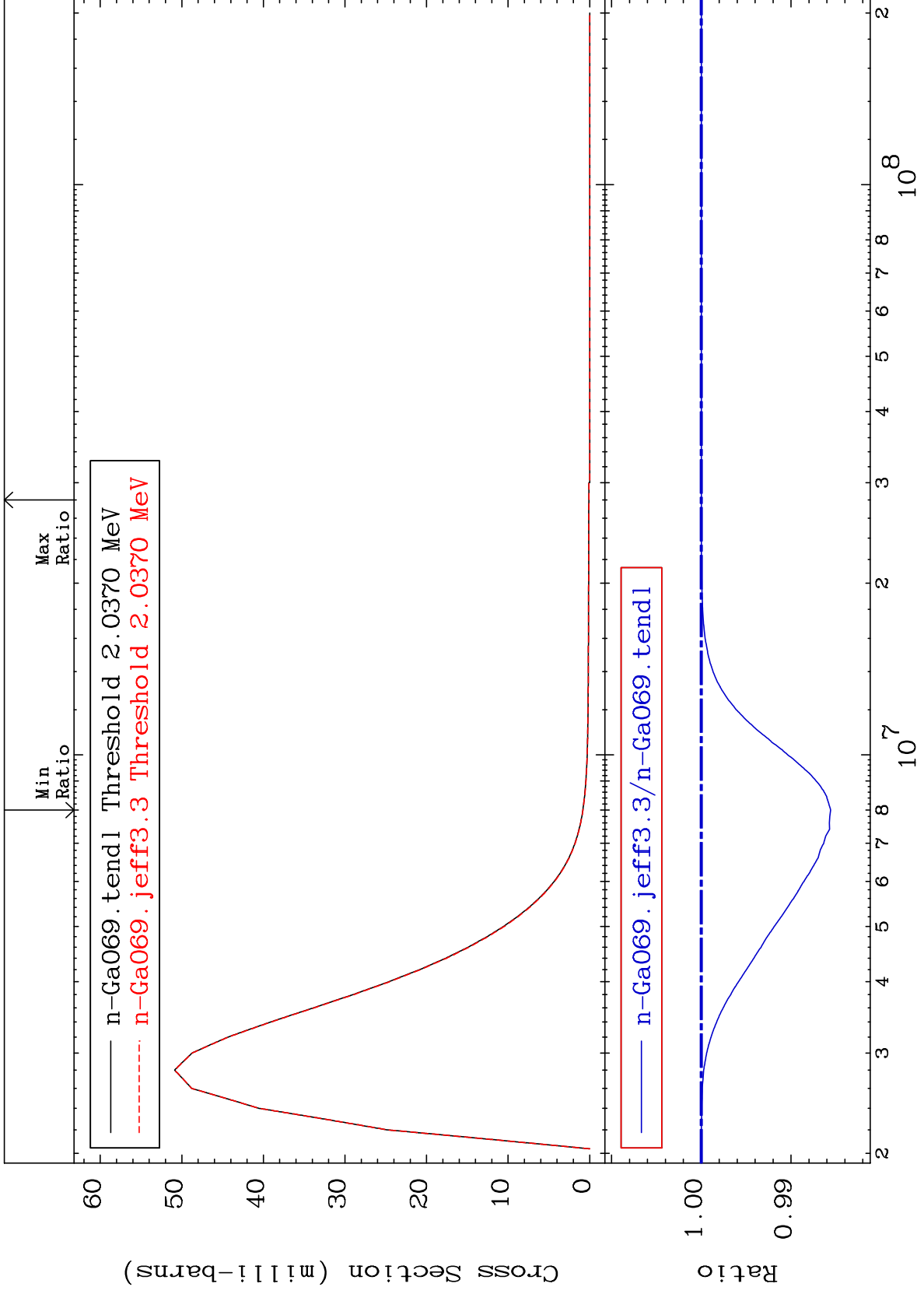




MAT 3125

MT= 66 (n,n') Level  
Cross Section

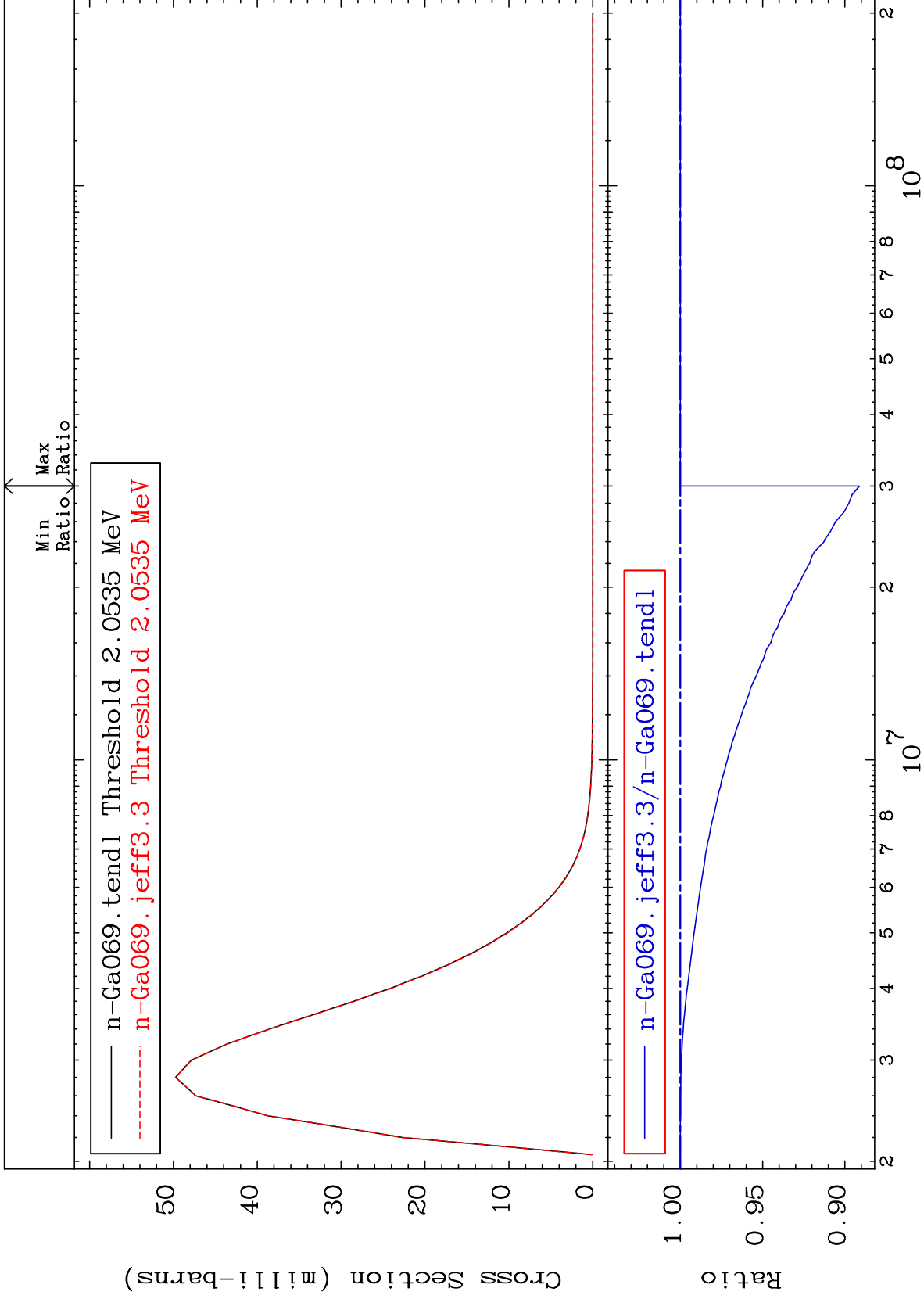
31-Ga-69  
-1.442 To 0.000 %



MAT 3125

MT= 67 (n,n') Level  
Cross Section

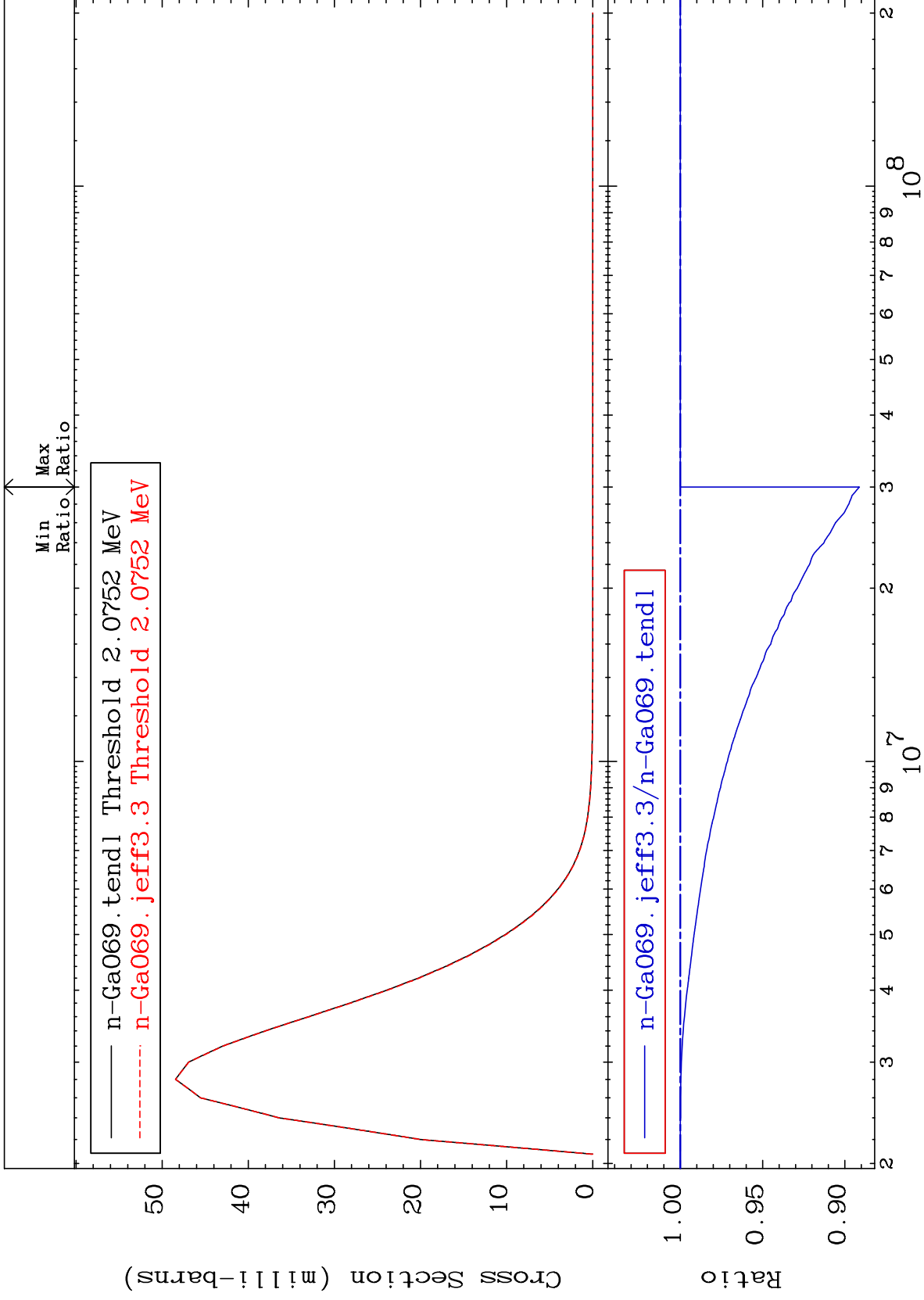
31-Ga-69  
-10.88 To 0.000 %



35

Incident Energy (eV)

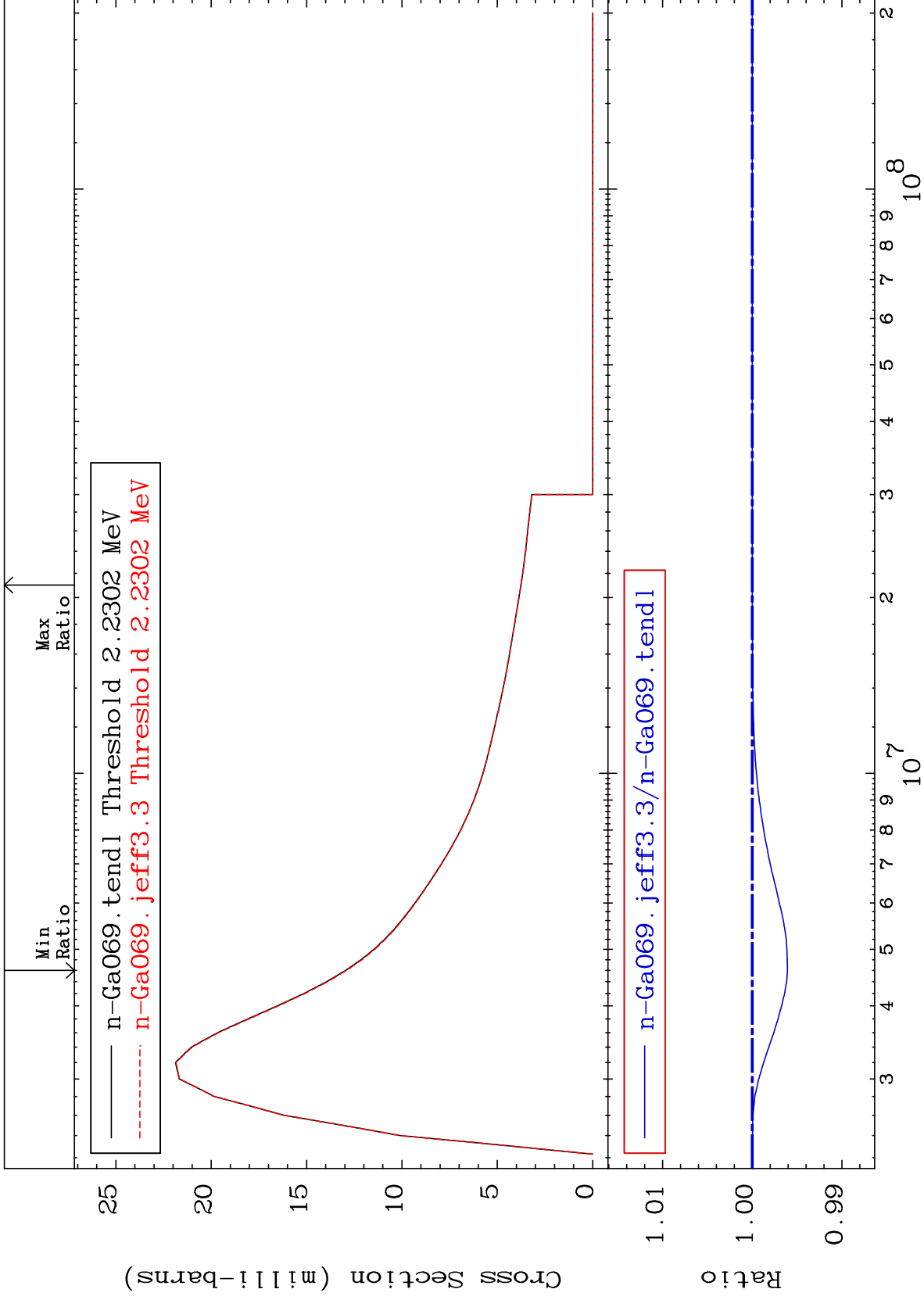
31-Ga-69

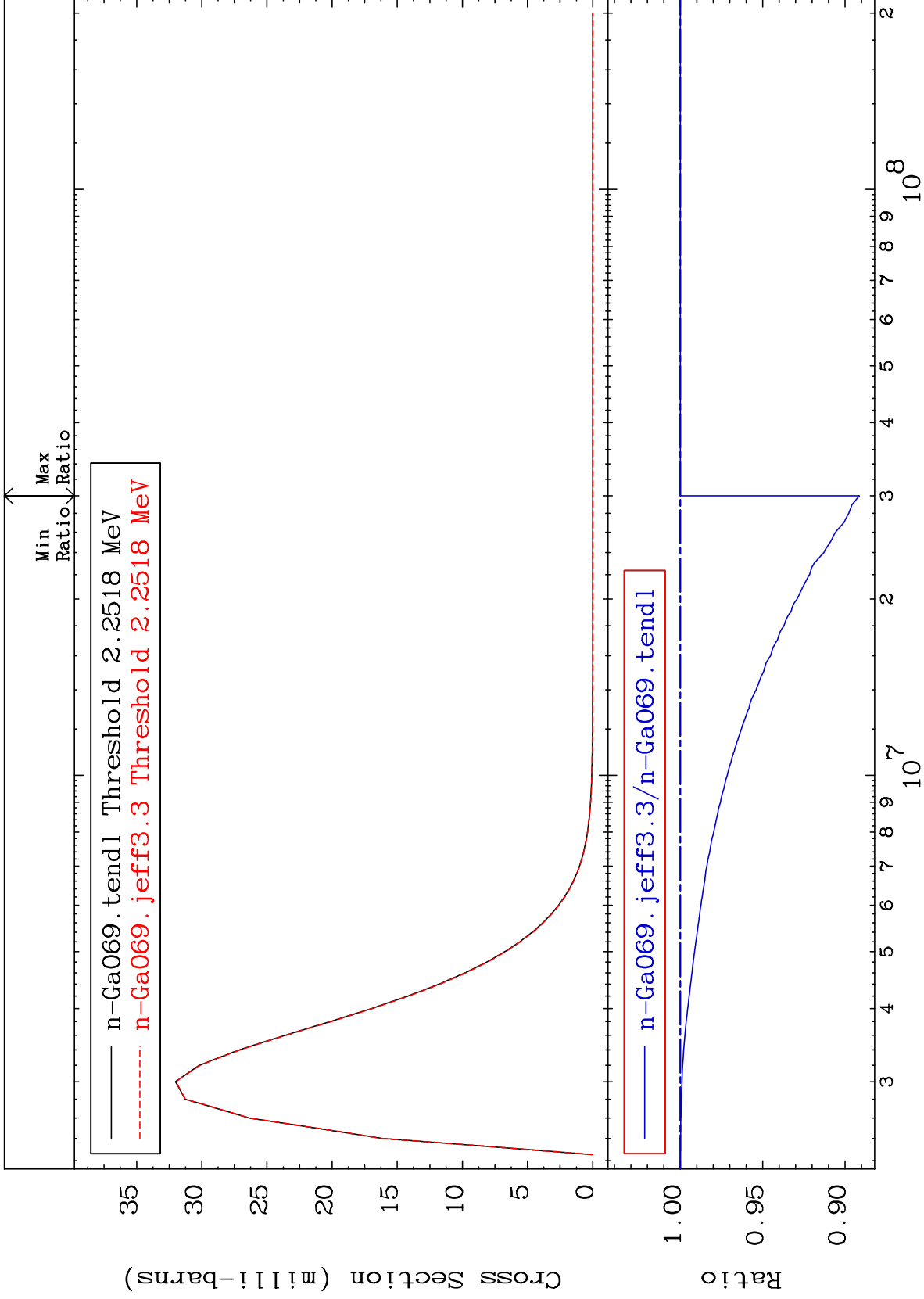


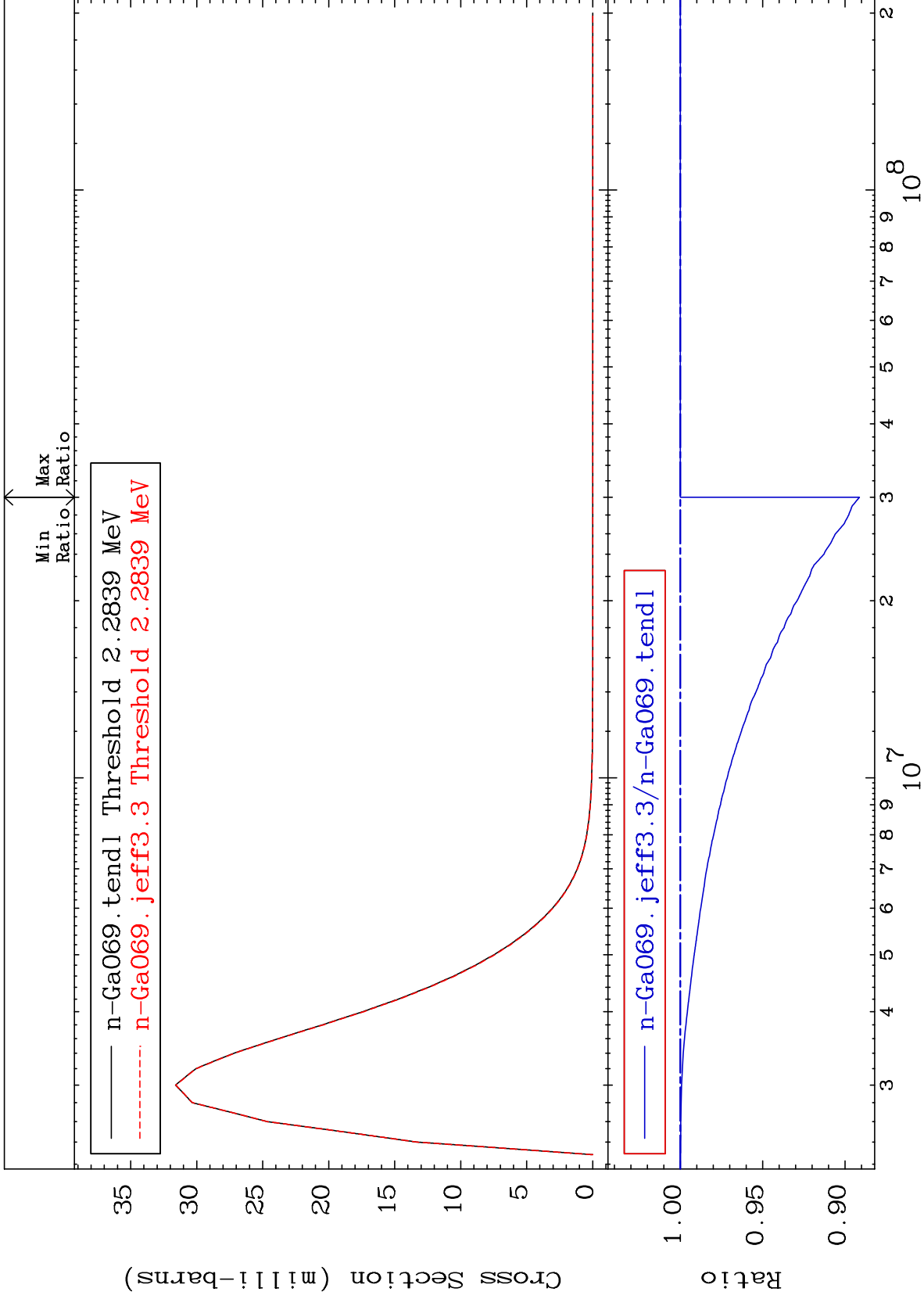
MAT 3125

MT= 69 (n,n') Level  
Cross Section

31-Ga-69  
-0.393 To 0.000 %



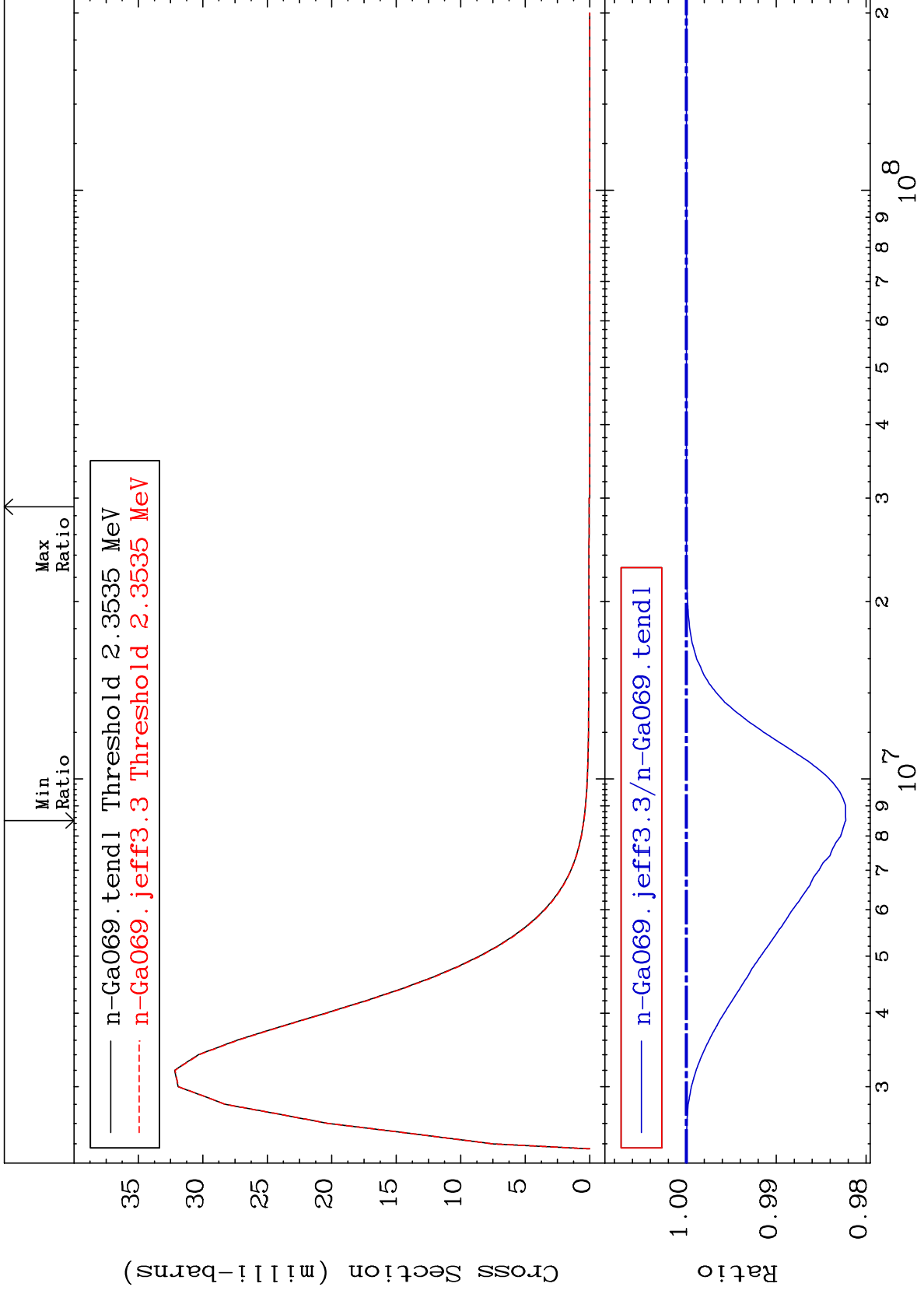




MAT 3125

MT= 72 (n,n') Level  
Cross Section

31-Ga-69  
-1.772 To 0.000 %

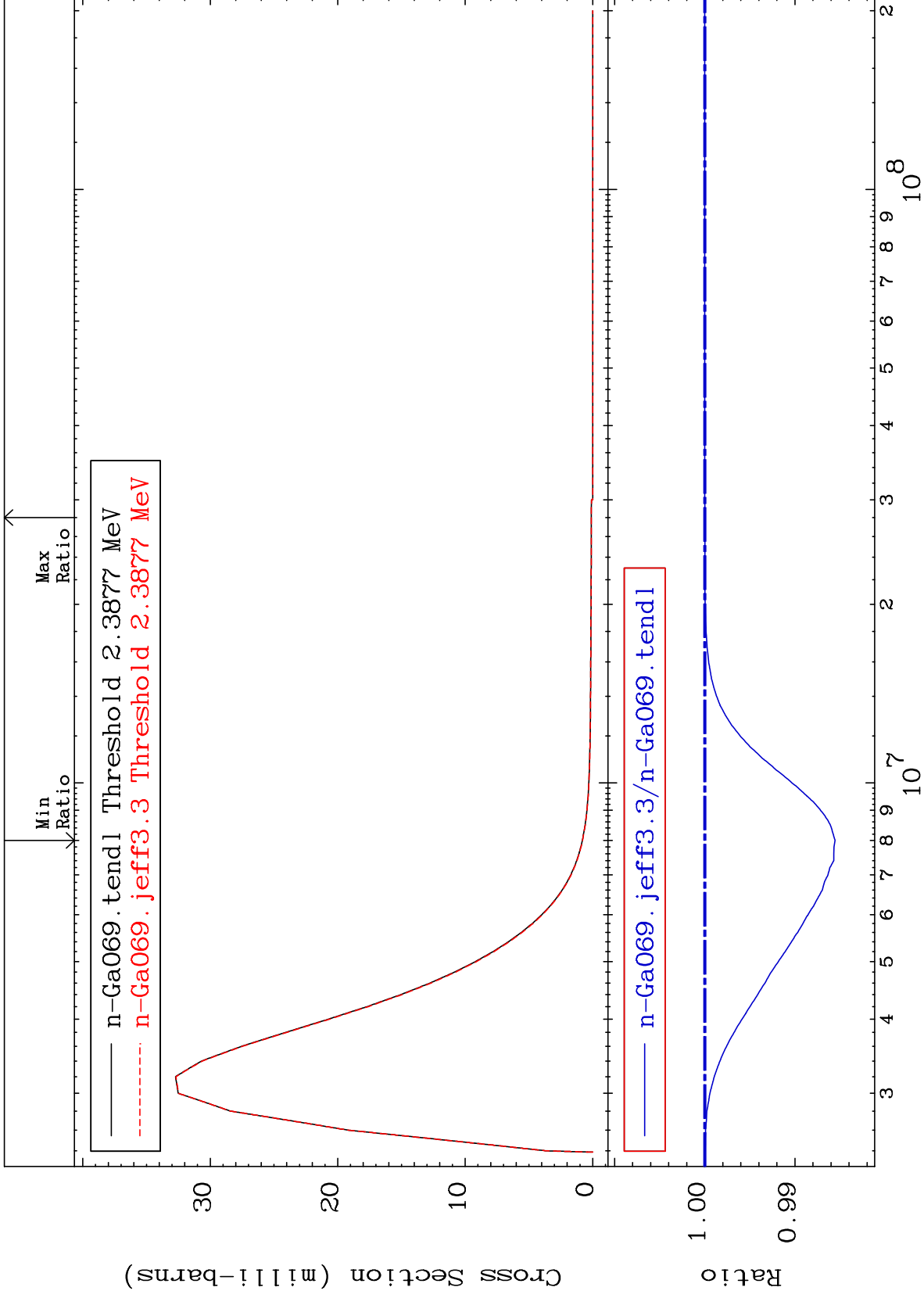




MAT 3125

MT= 73 (n,n') Level  
Cross Section

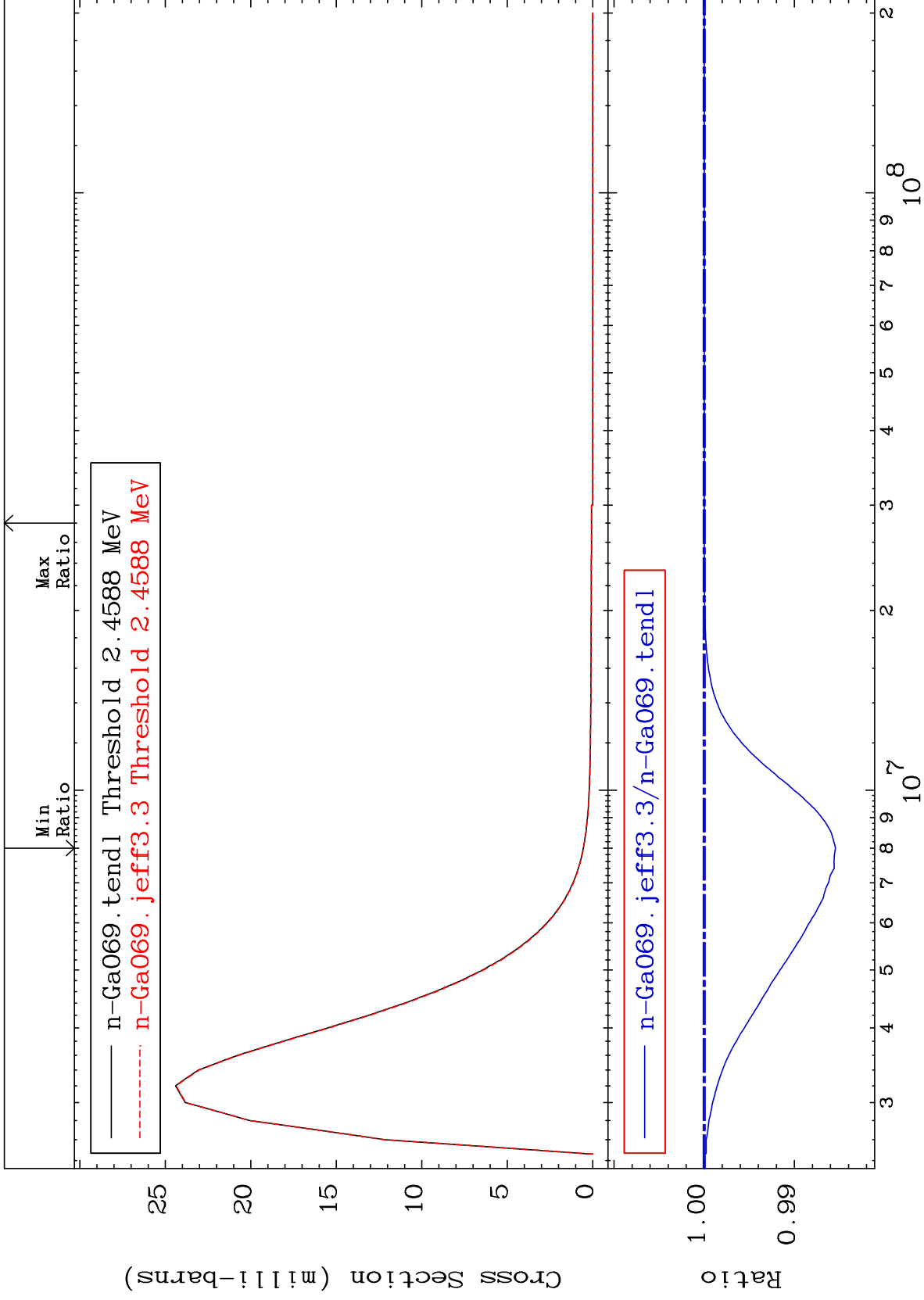
31-Ga-69  
-1.444 To 0.000 %



MAT 3125

MT= 74 (n, n') Level  
Cross Section

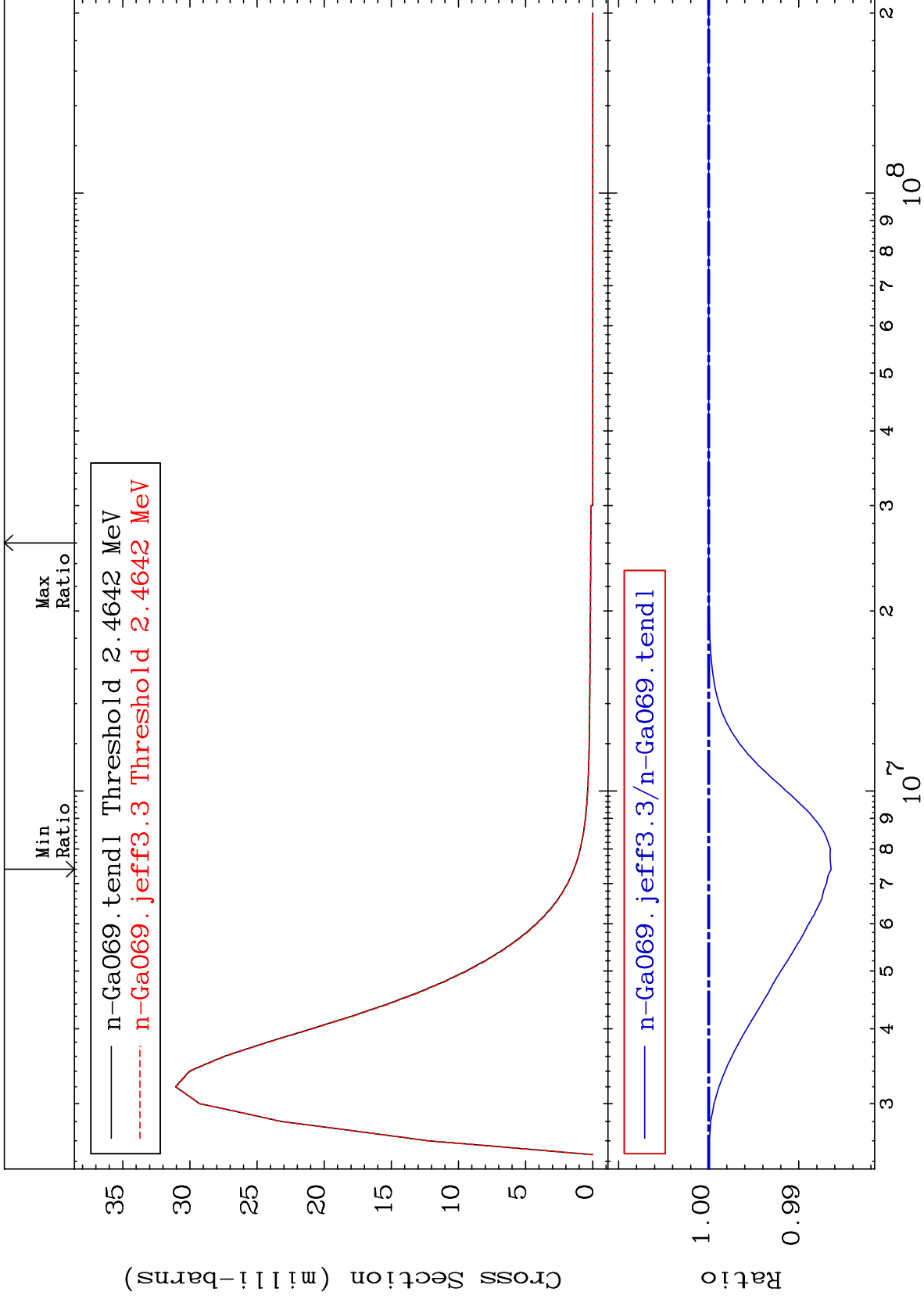
31-Ga-69  
-1.456 To 0.000 %



MAT 3125

MT= 75 (n,n') Level  
Cross Section

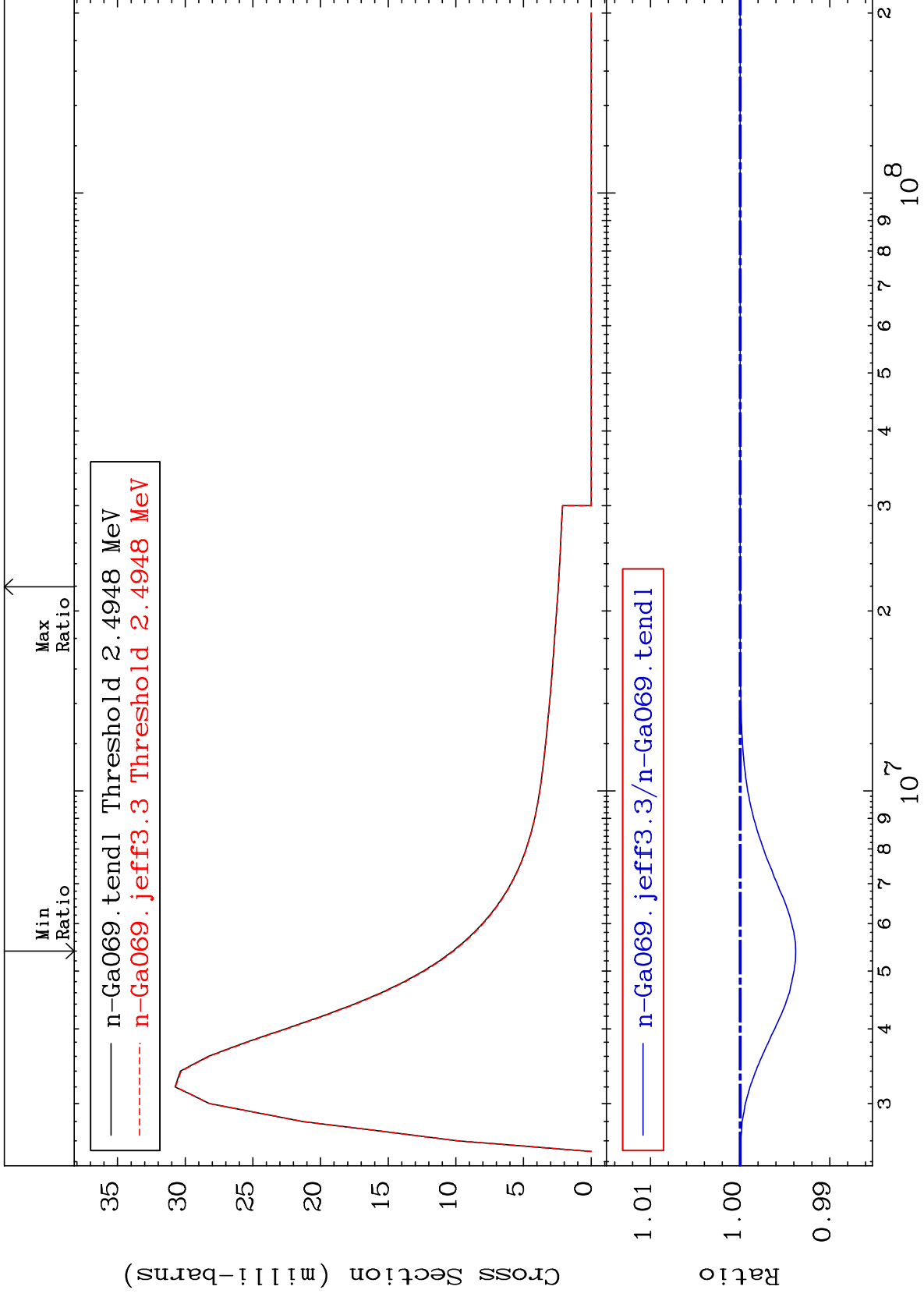
31-Ga-69  
-1.358 To 0.000 %



MAT 3125

MT= 76 (n,n') Level  
Cross Section

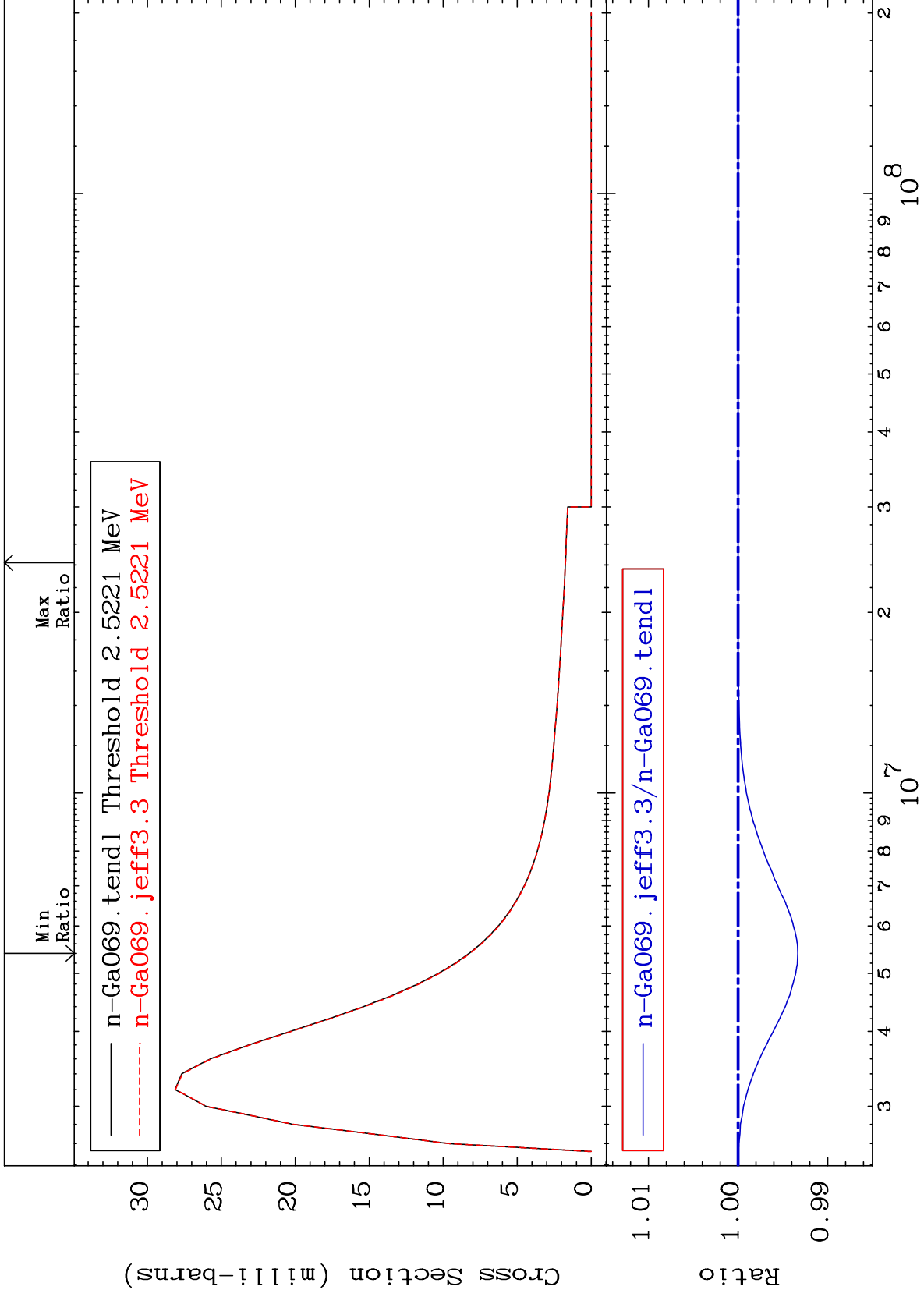
31-Ga-69  
-0.621 To 0.000 %



MAT 3125

MT= 77 (n,n') Level  
Cross Section

31-Ga-69  
-0.667 To 0.000 %



45

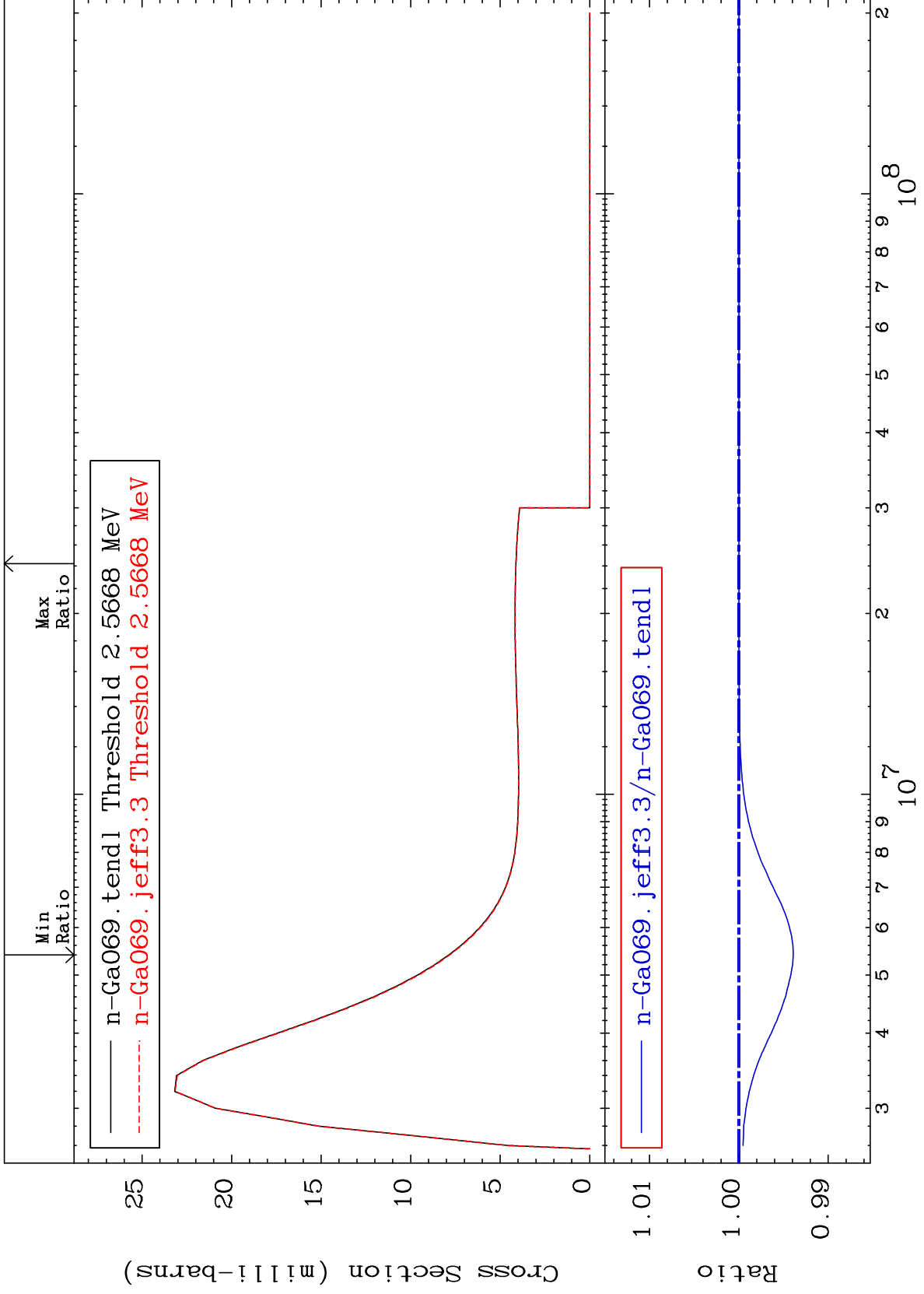
Incident Energy (eV)

31-Ga-69

MAT 3125

MT= 78 (n,n') Level  
Cross Section

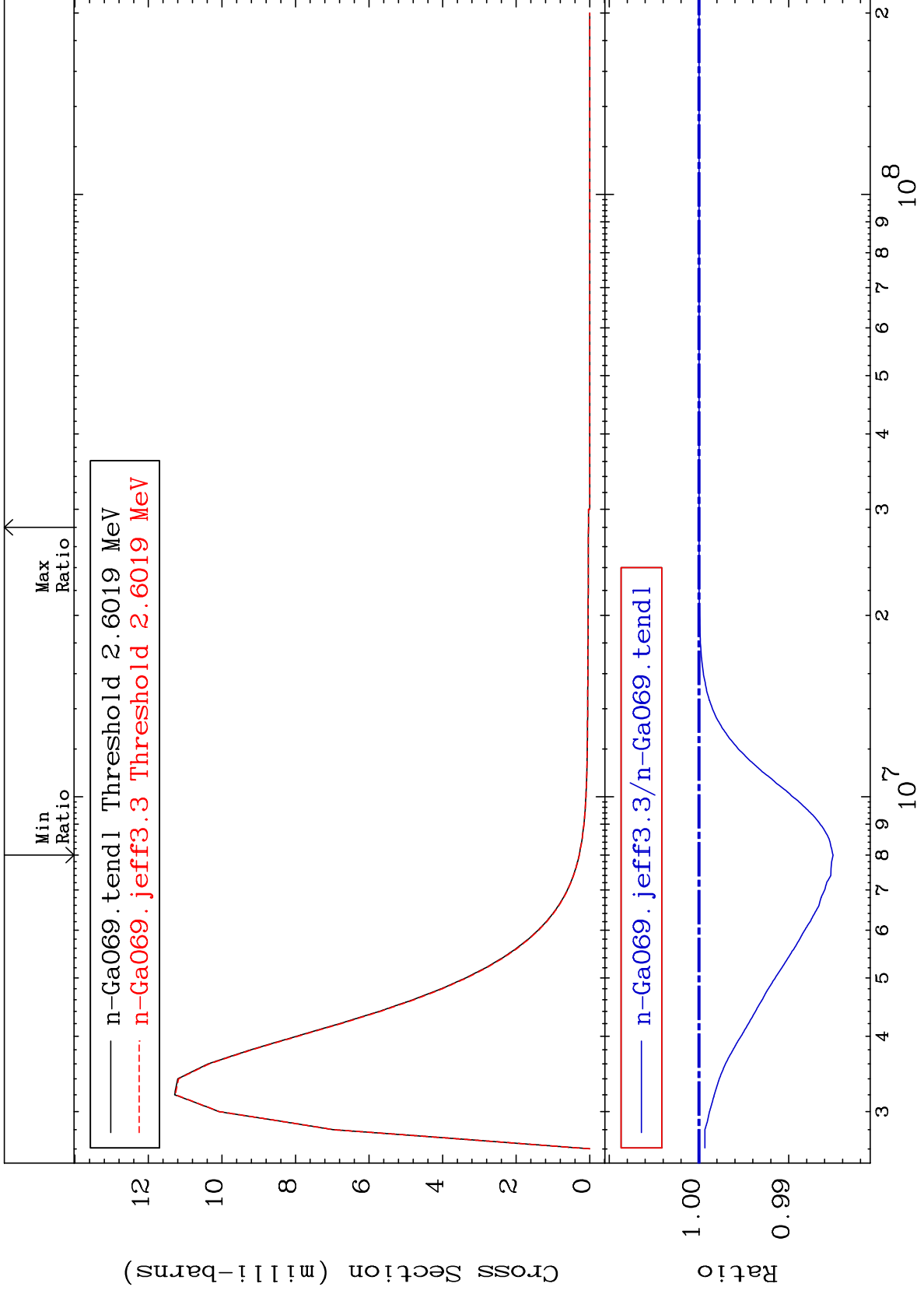
31-Ga-69  
-0.608 To 0.000 %



MAT 3125

MT= 79 (n,n') Level  
Cross Section

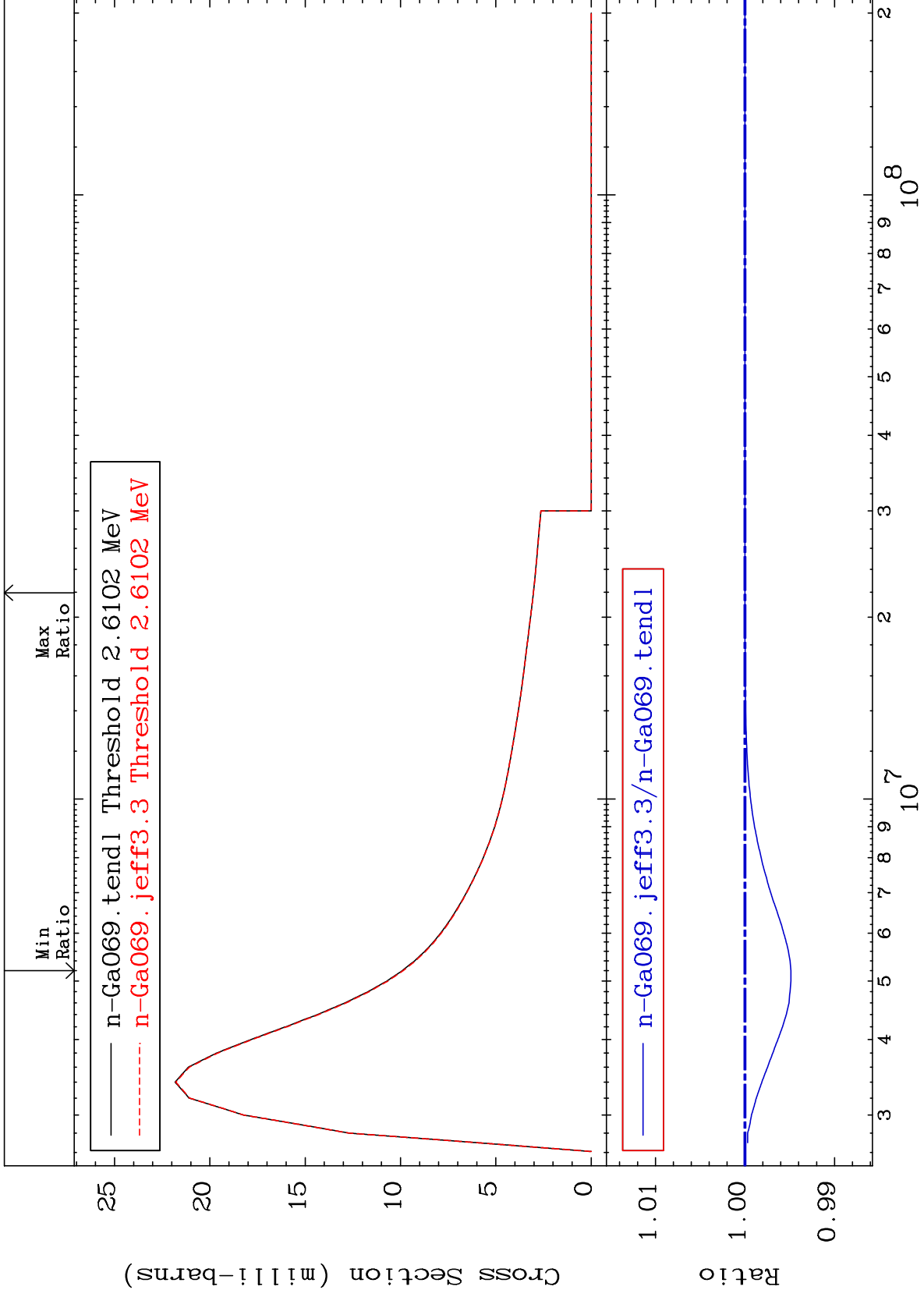
31-Ga-69  
-1.493 To 0.000 %



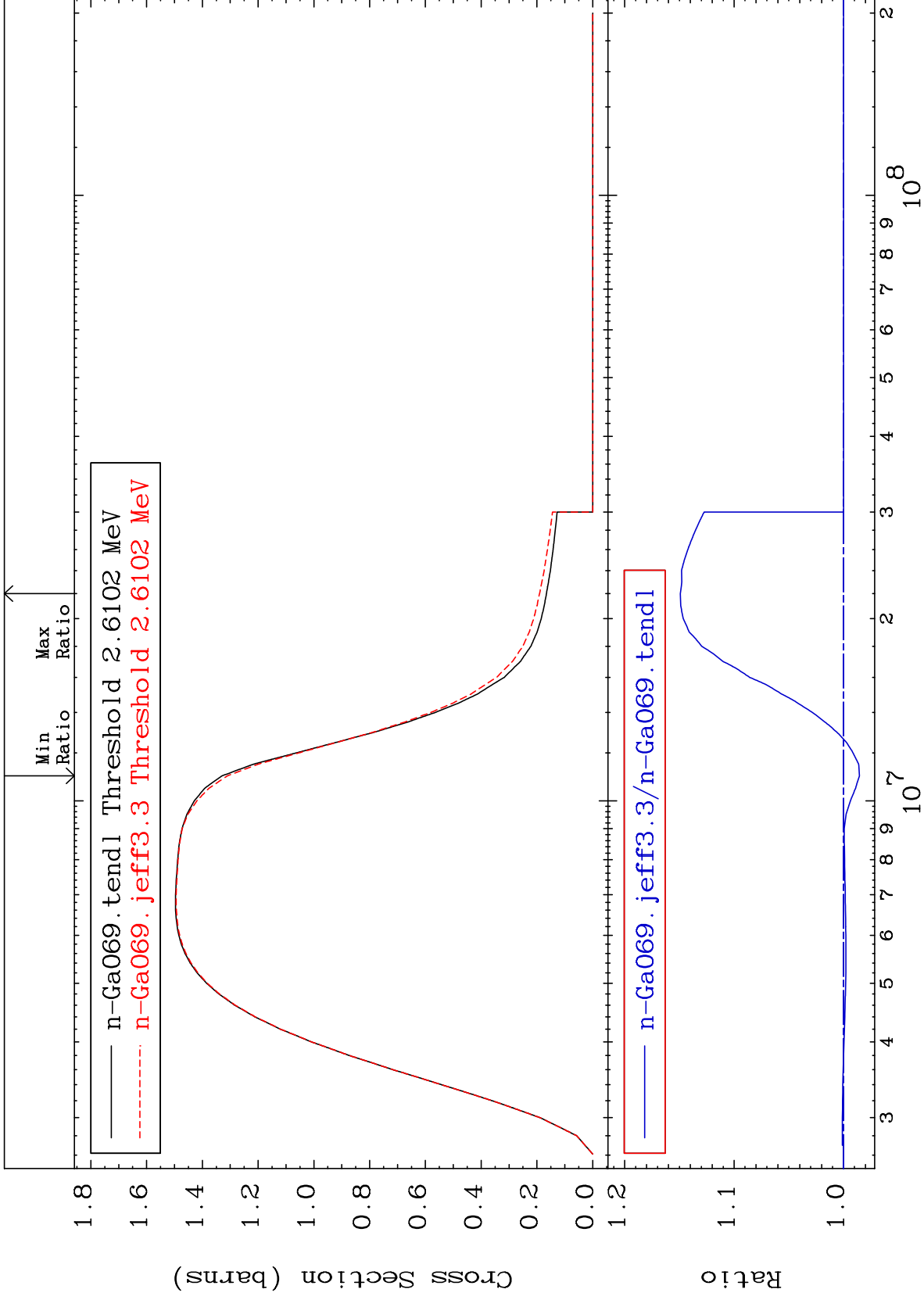
MAT 3125

MT= 80 (n,n') Level  
Cross Section

31-Ga-69  
-0.513 To 0.000 %

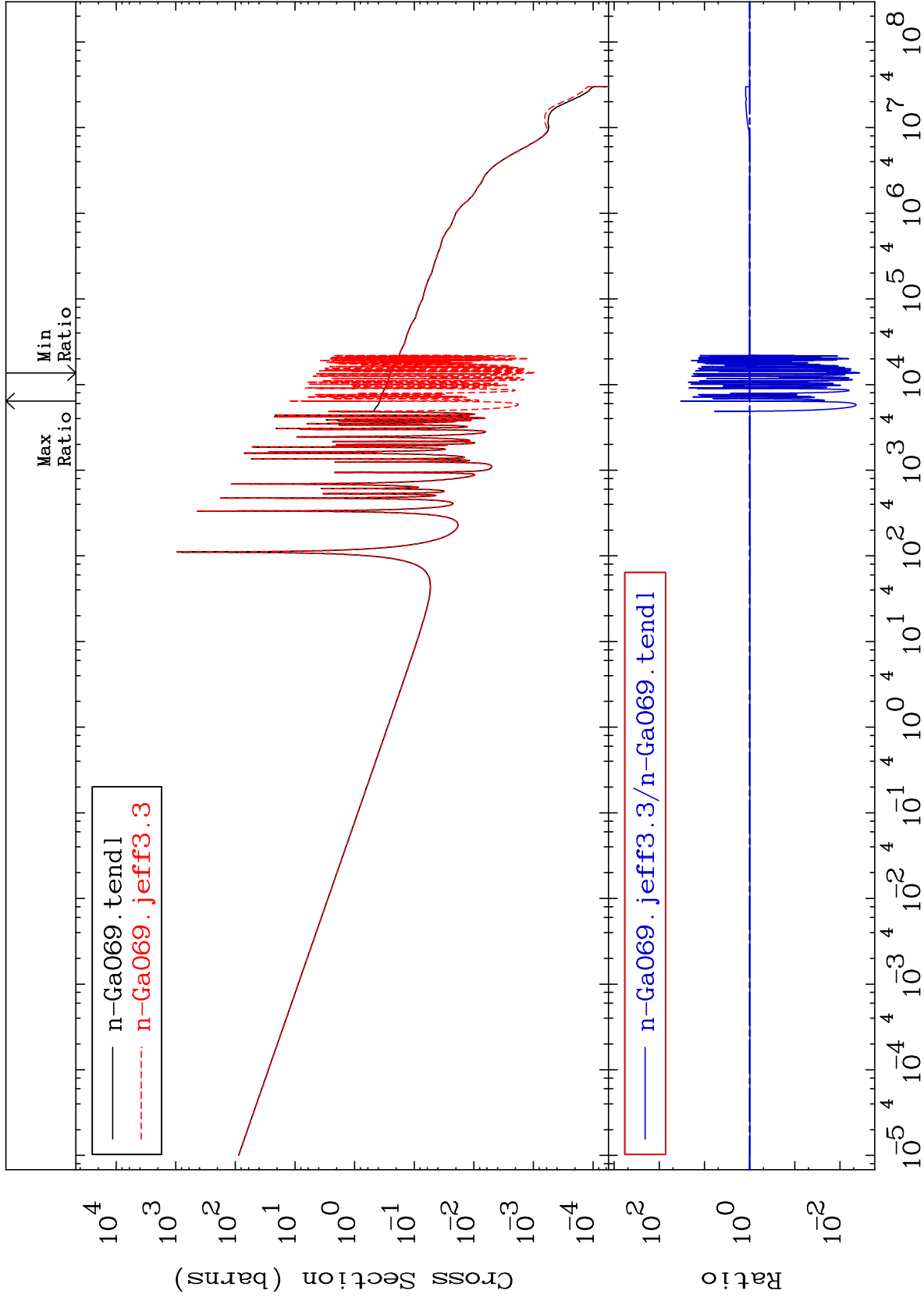




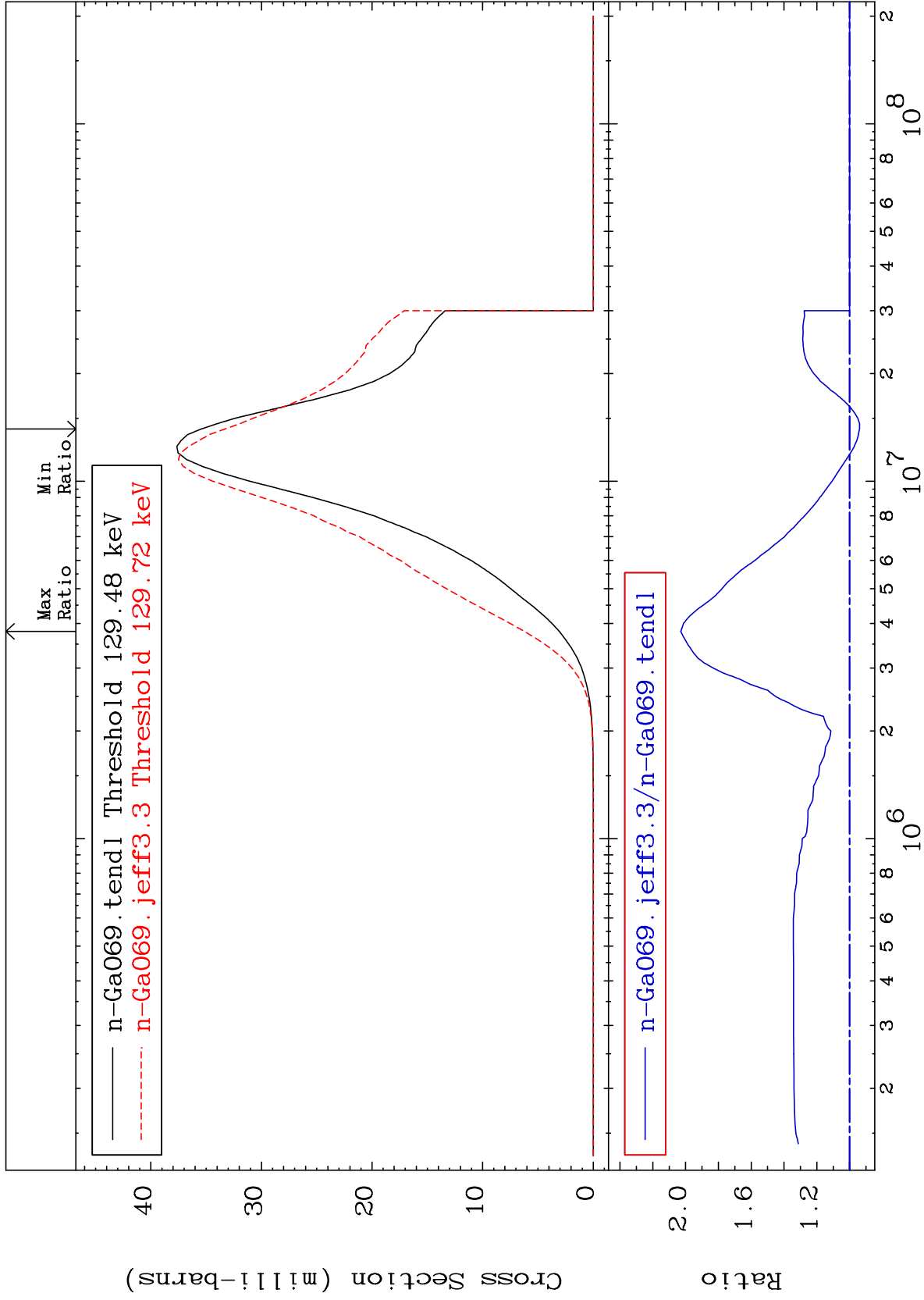


Cross Section

-99.63 To 3261. %



(n,p)  
Cross Section  
-6.054 To 103.0 %

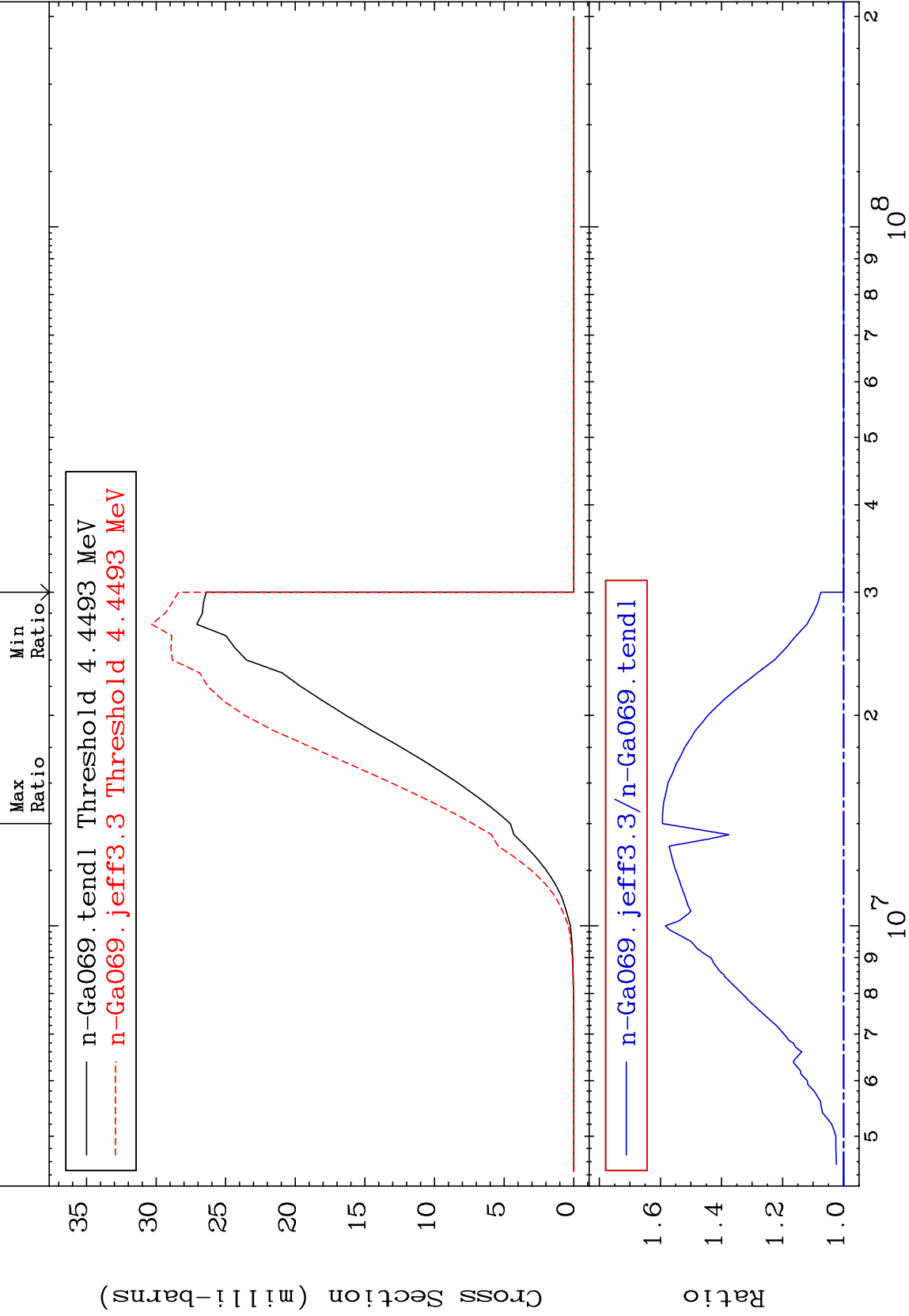


MAT 3125

31-Ga-69

0.000 To 59.35 %

(n, d)  
Cross Section



52

31-Ga-69

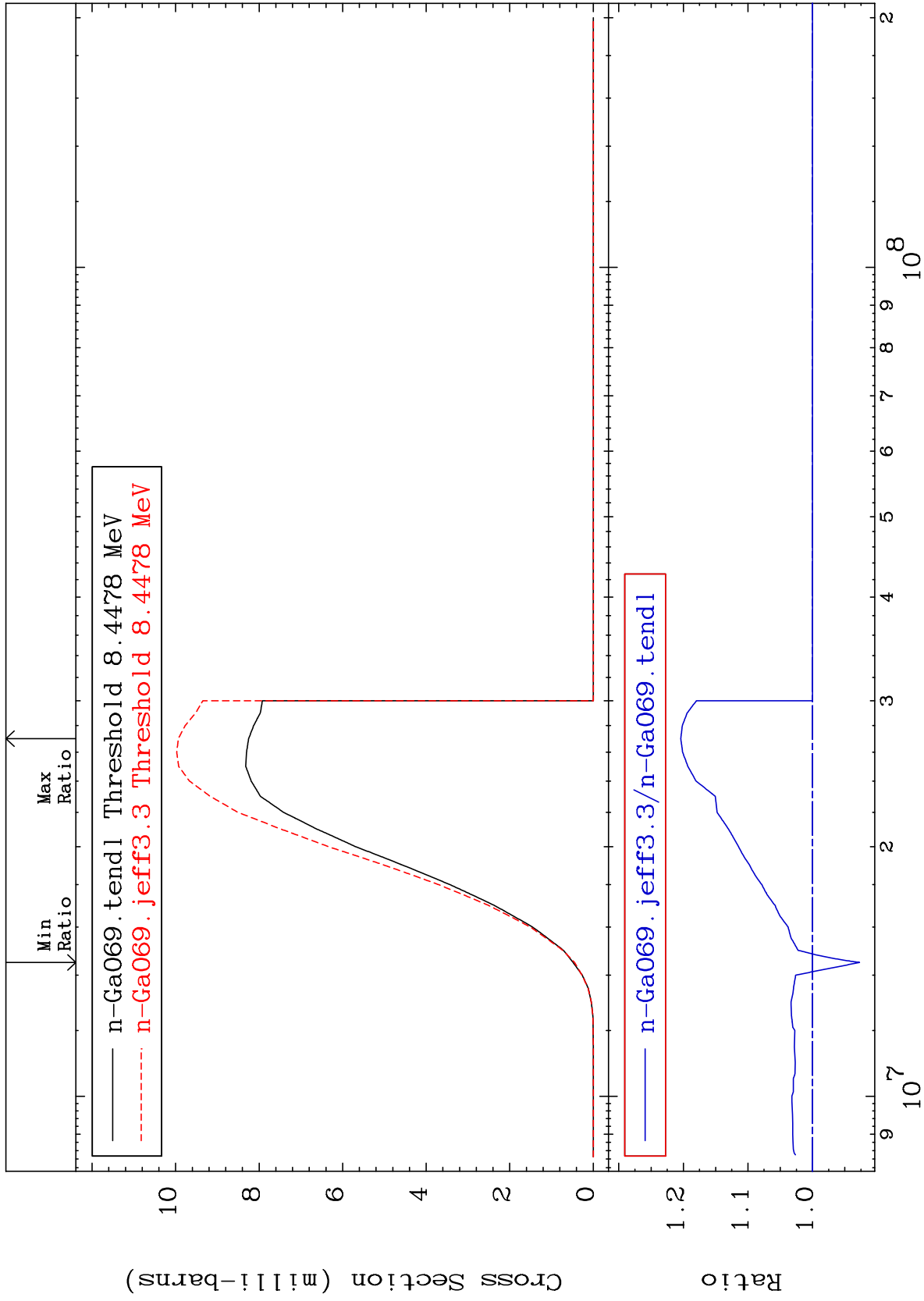
MAT 3125

(n, t)

31-Ga-69

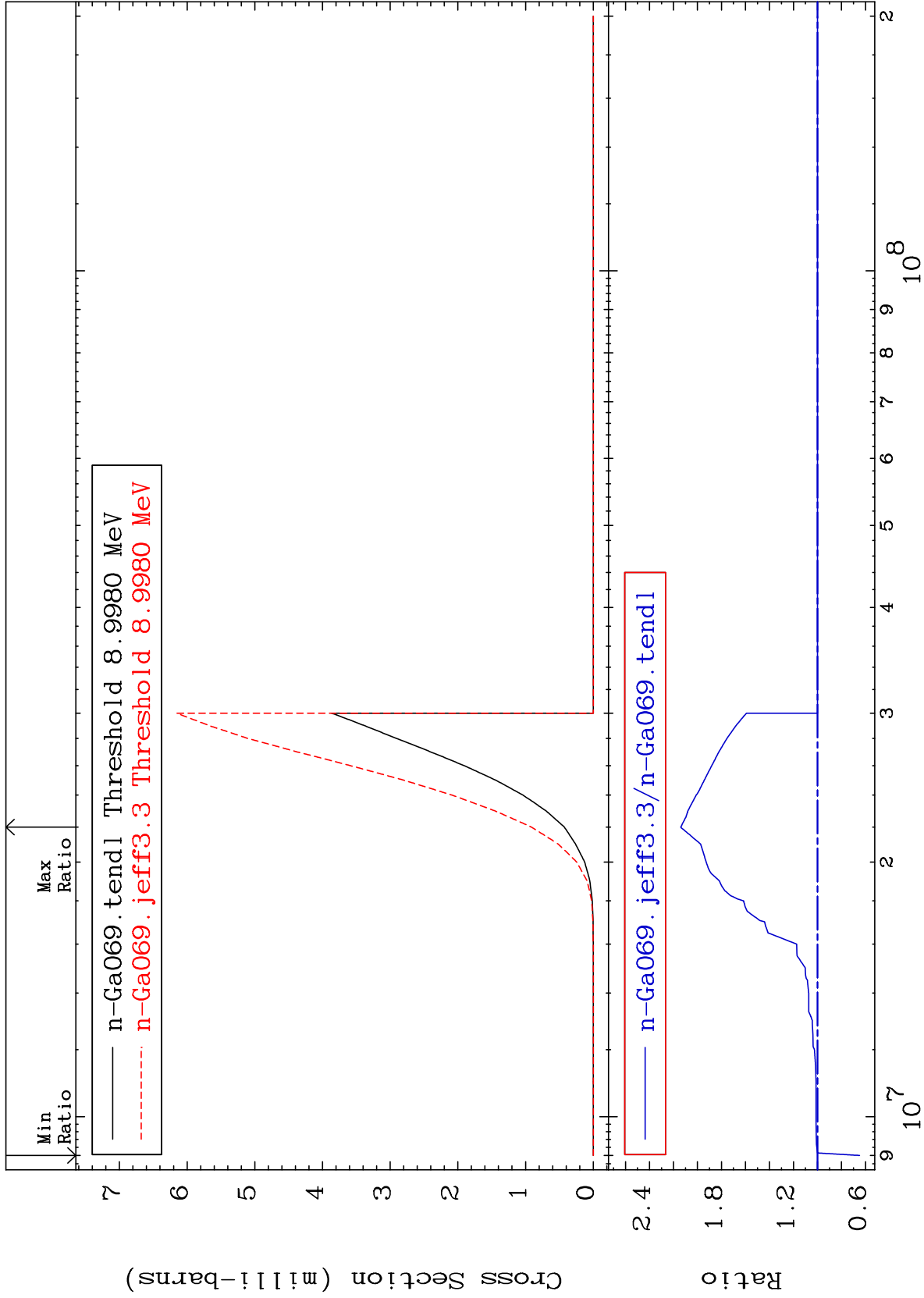
Cross Section

-7.280 To 20.40 %



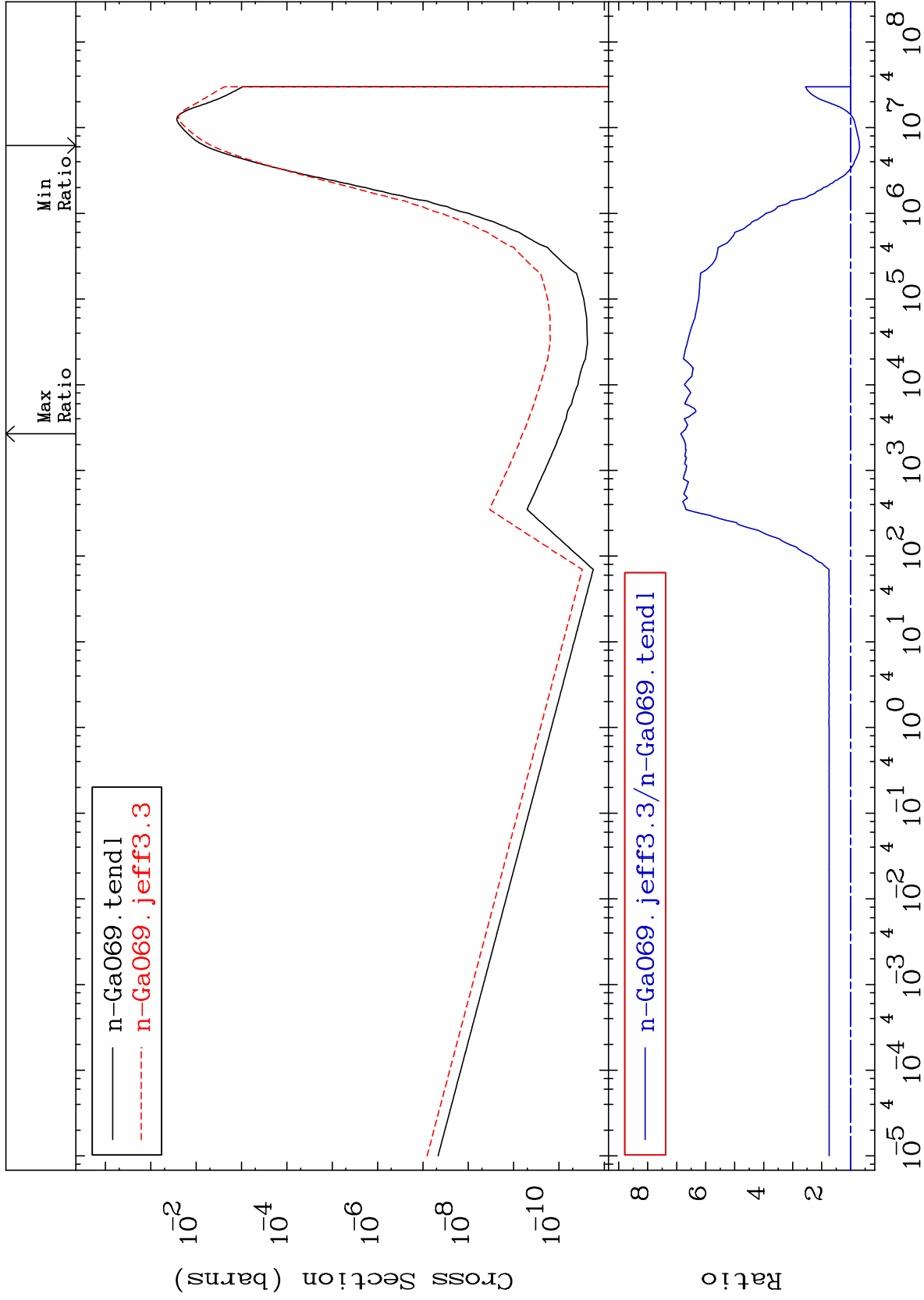
Cross Section

-35.03 To 113.9 %



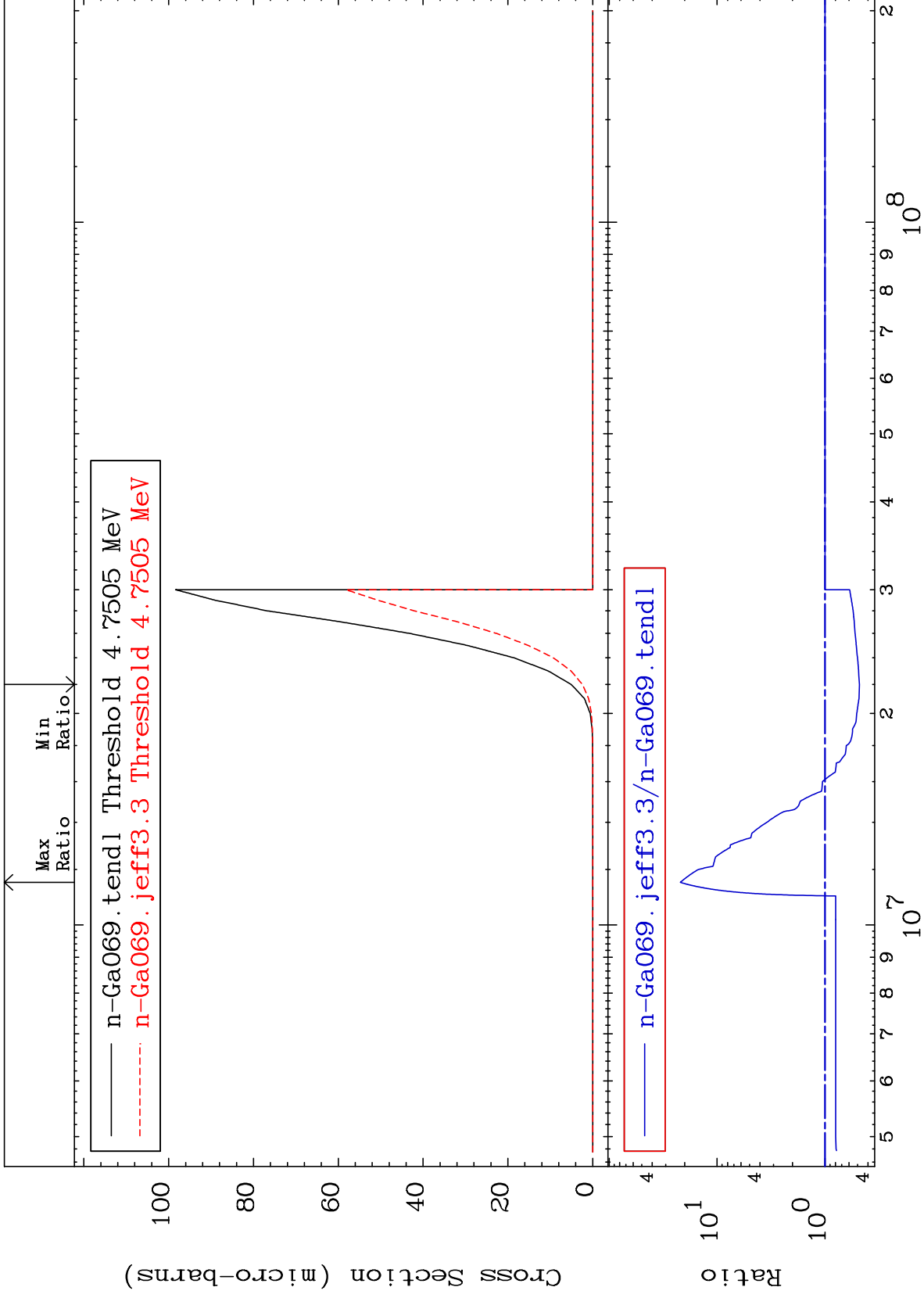
Cross Section

-30.59 To 586.0 %

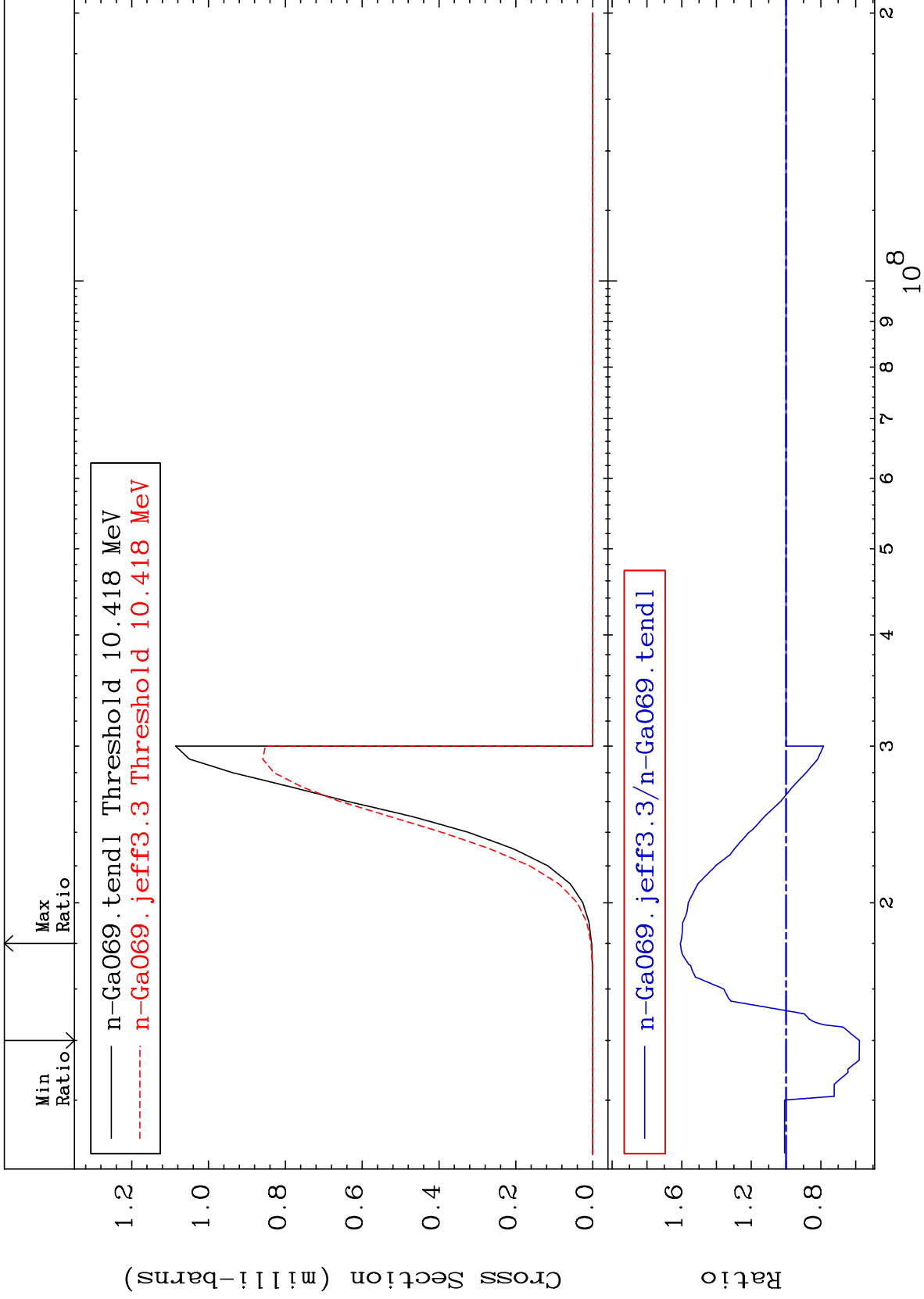


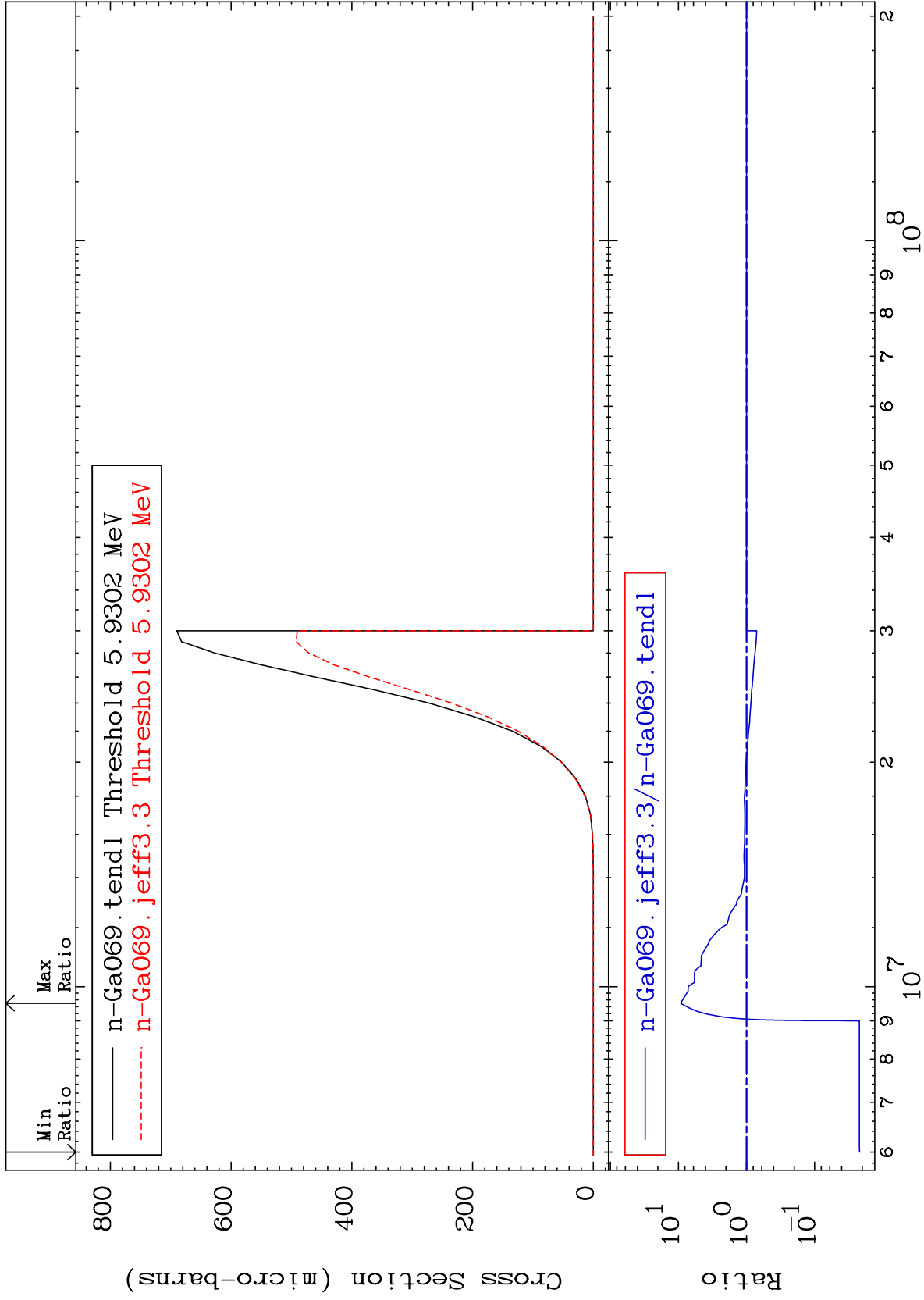
Cross Section

-52.03 To 2091. %



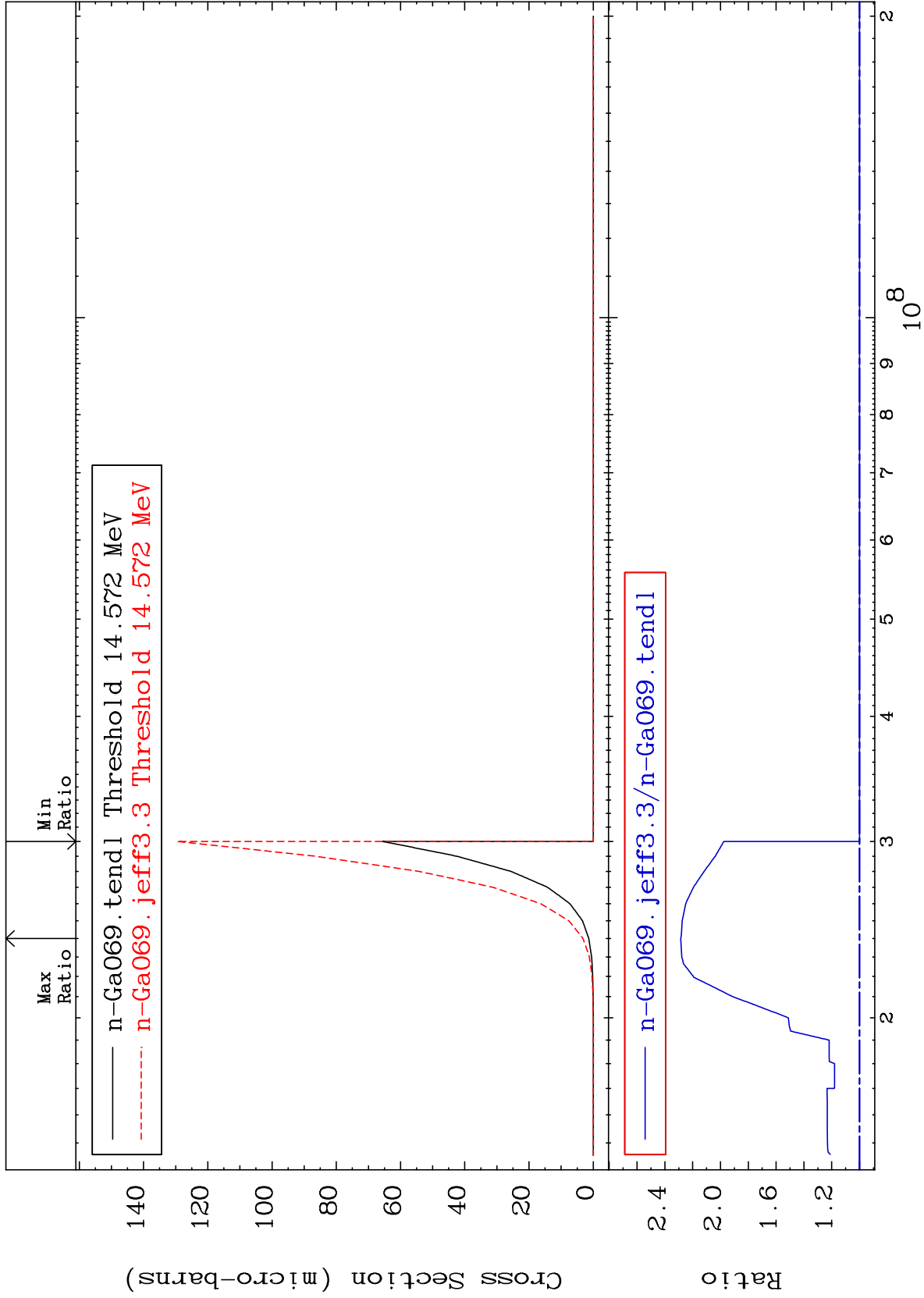






Cross Section

0.000 To 128.5 %



MAT 3125

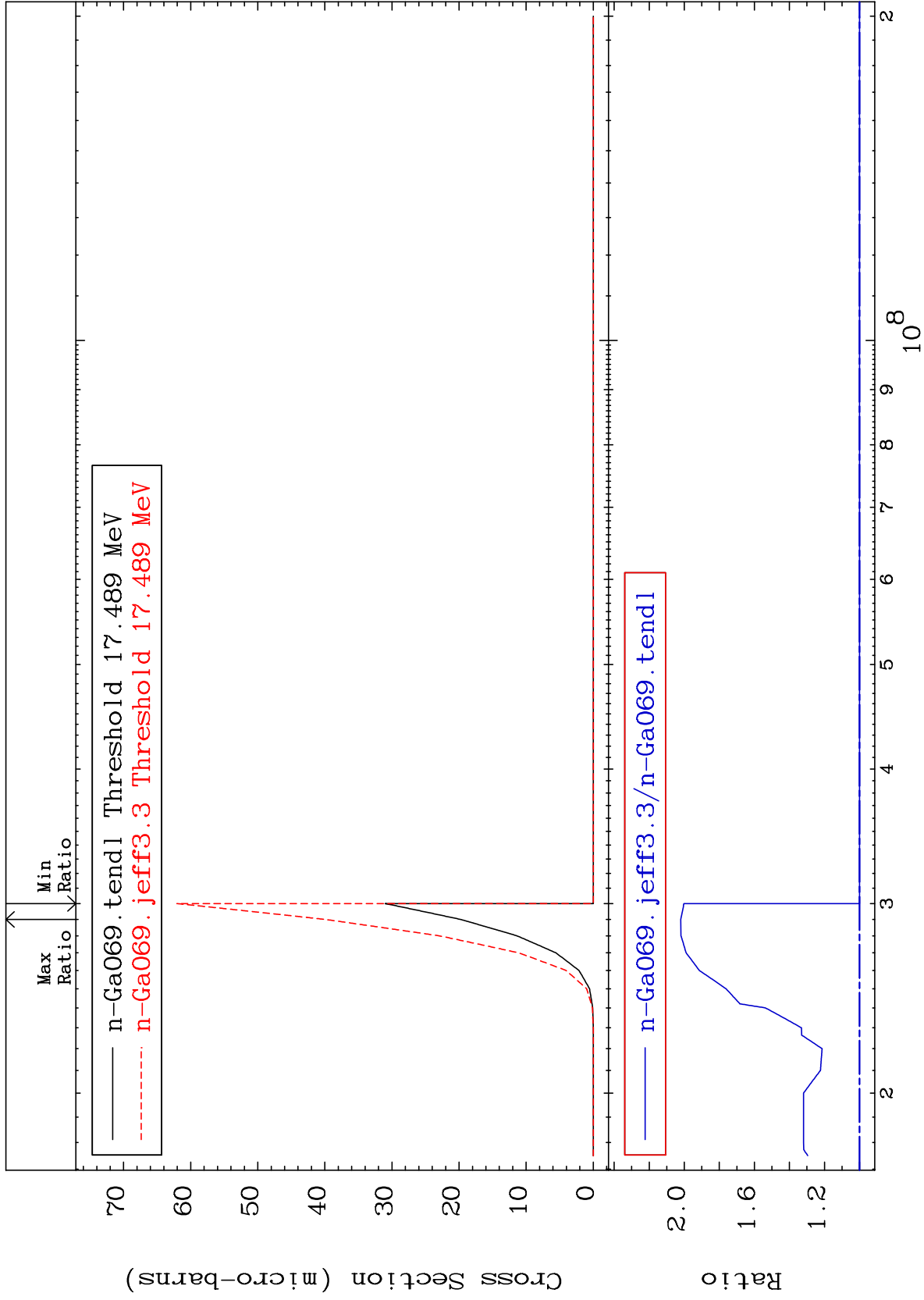
(n,p) t

31-Ga-69

Cross Section

0.000

To 102.0 %



60

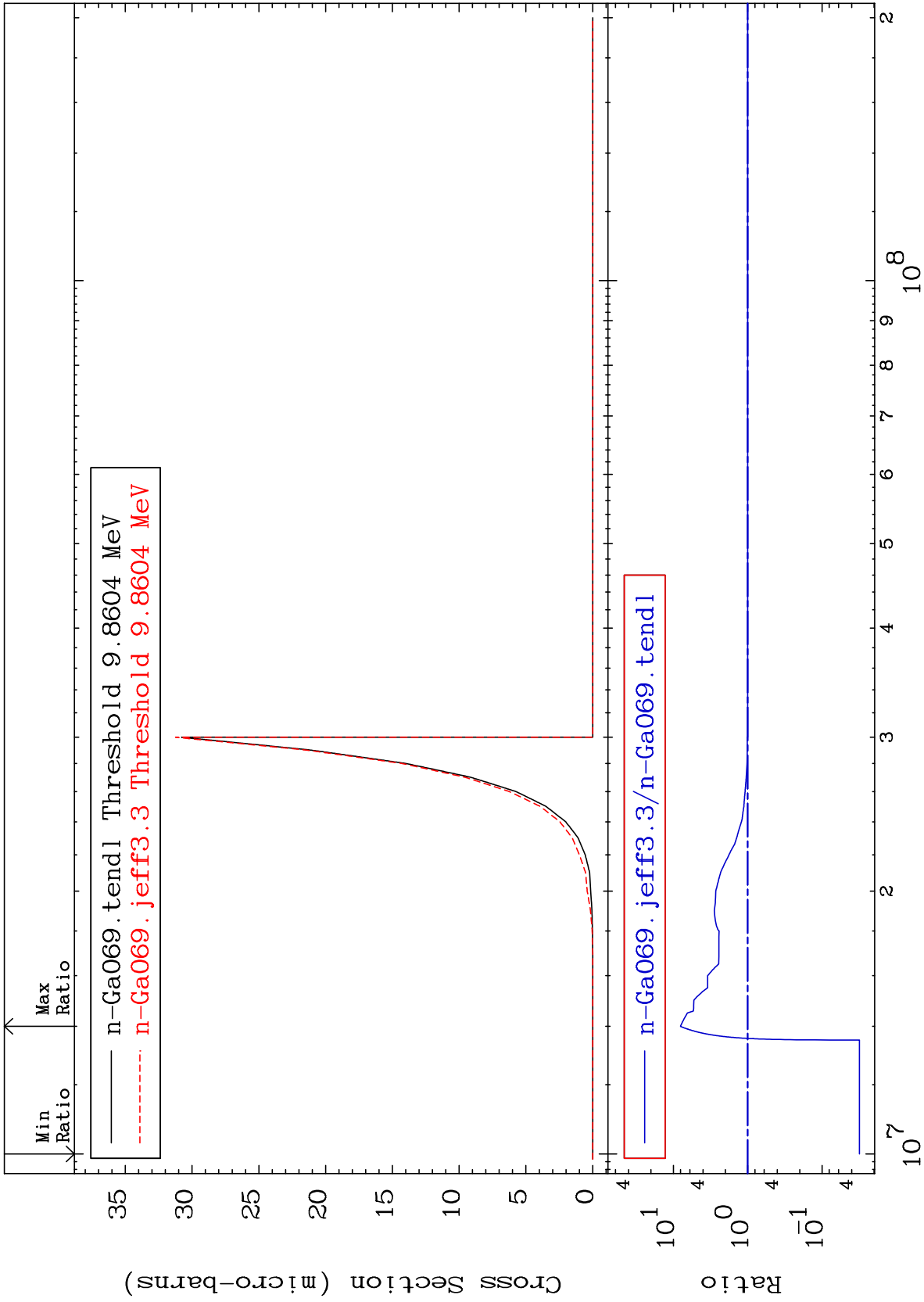
31-Ga-69

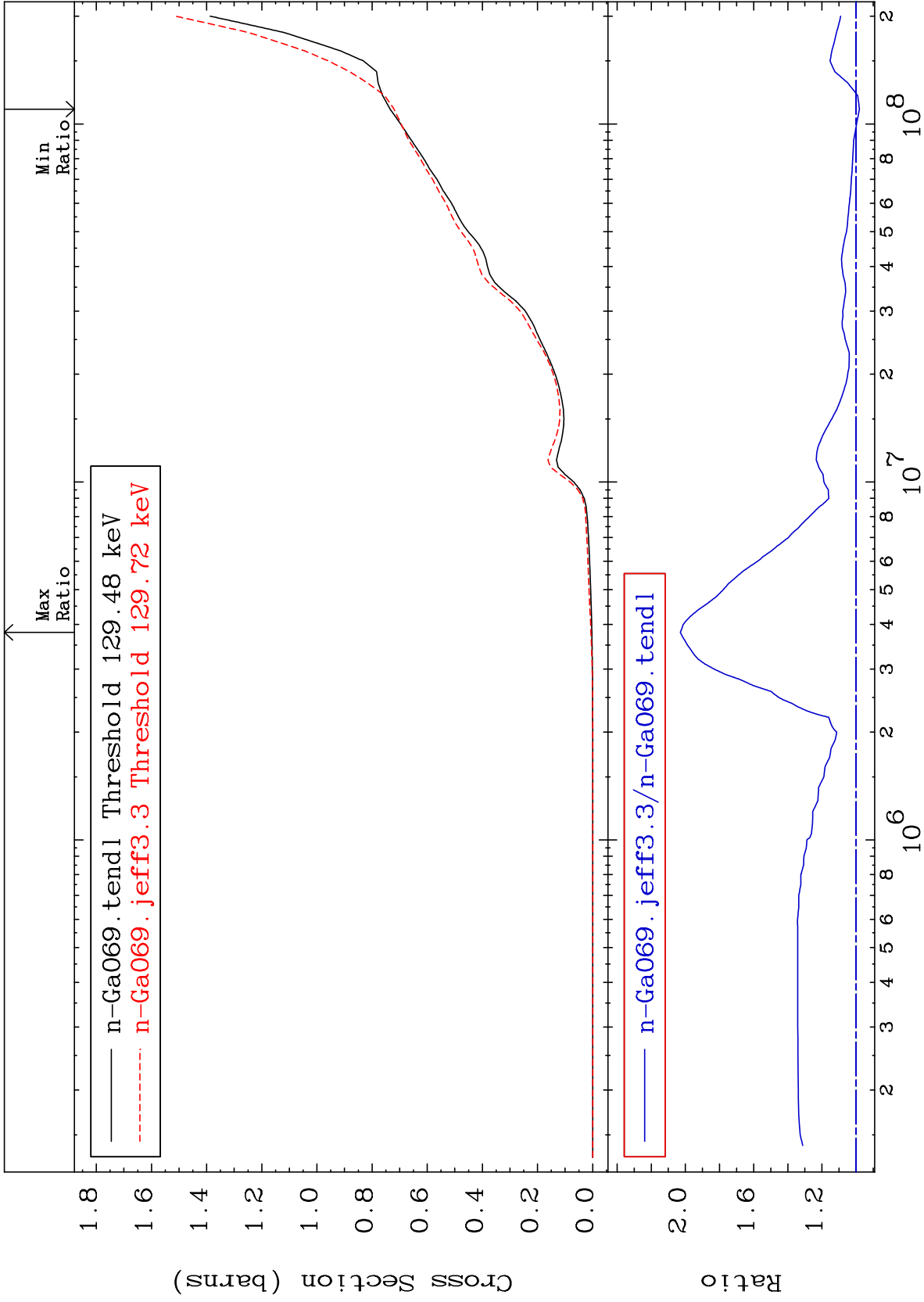
31-Ga-69

MAT 3125

(n, d)  $\alpha$   
Cross Section

31-Ga-69  
-96.85 To 705.1 %

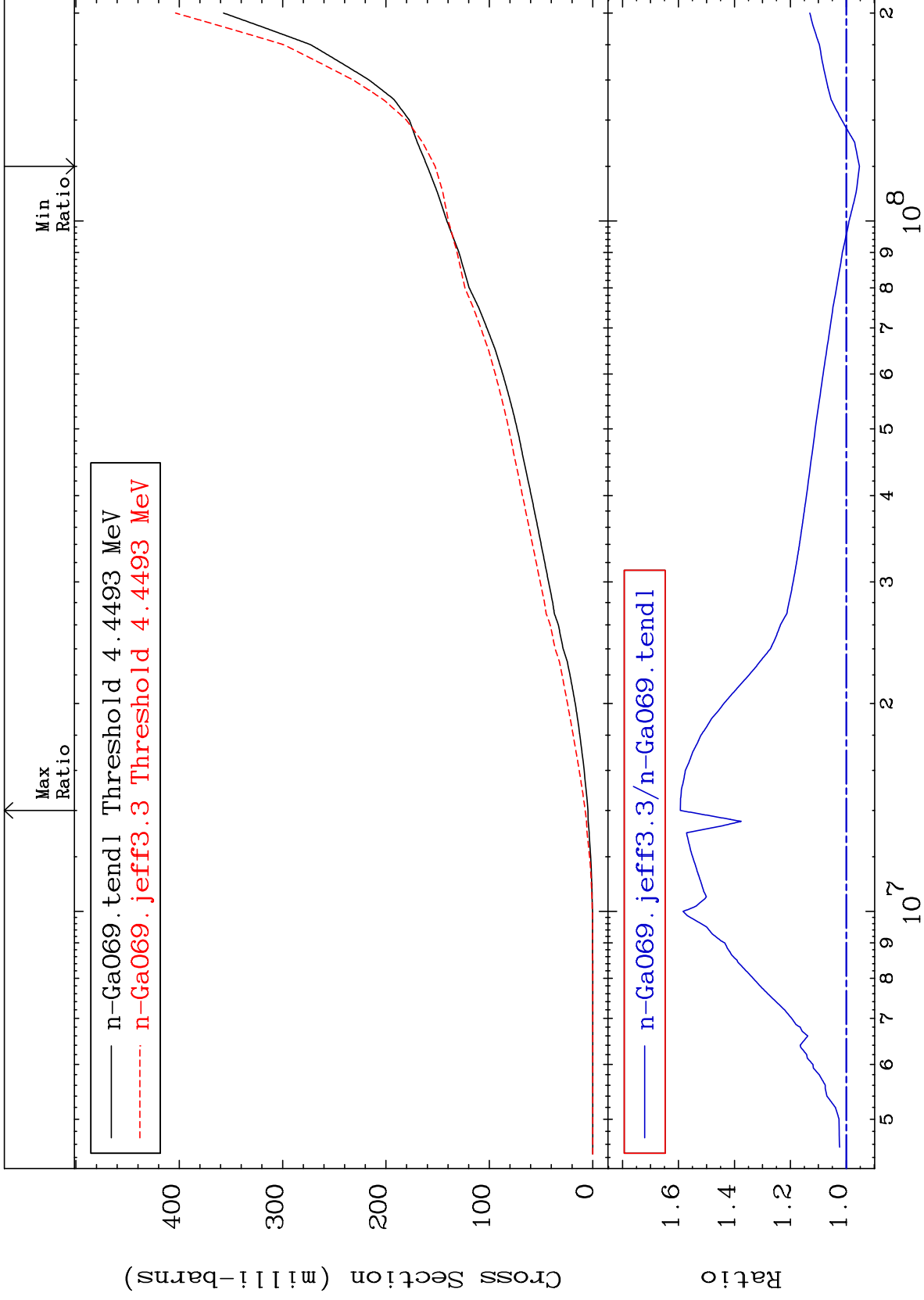




MAT 3125

Deuterium Production  
Cross Section

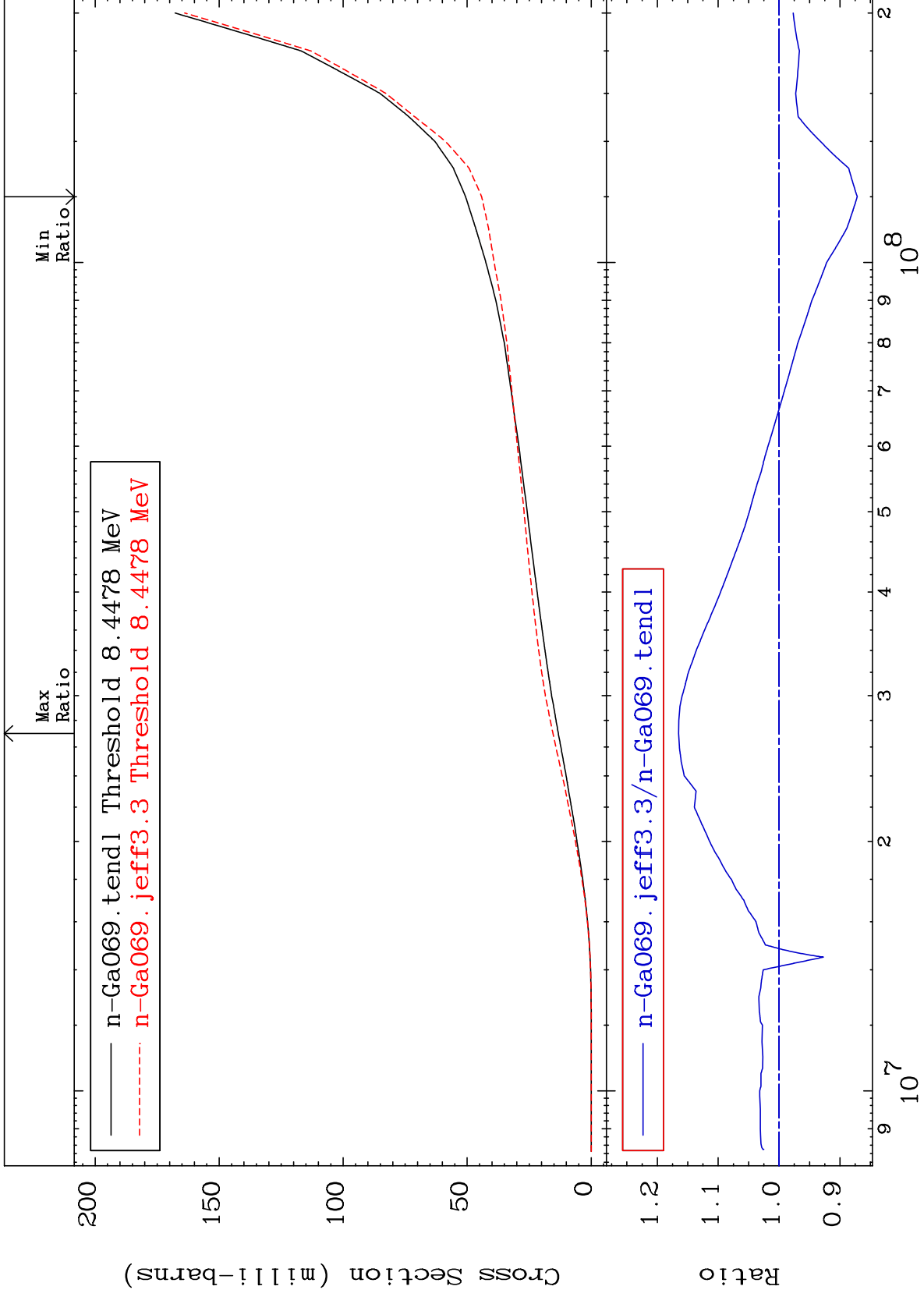
31-Ga-69  
-4.726 To 59.35 %



MAT 3125

Tritium Production  
Cross Section

31-Ga-69  
-12.84 To 16.50 %



64

Incident Energy (eV)

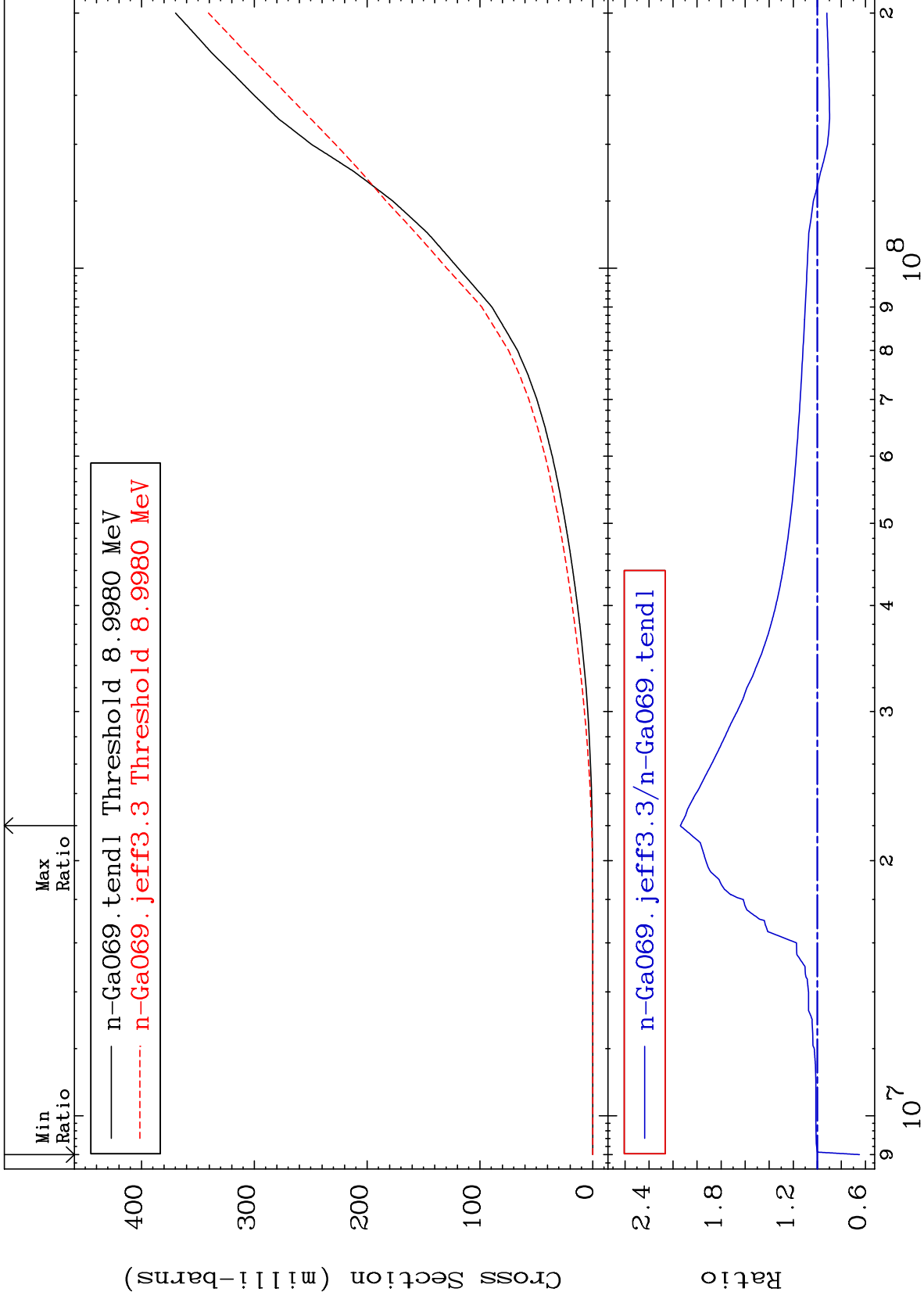
31-Ga-69



MAT 3125

He-3 Production  
Cross Section

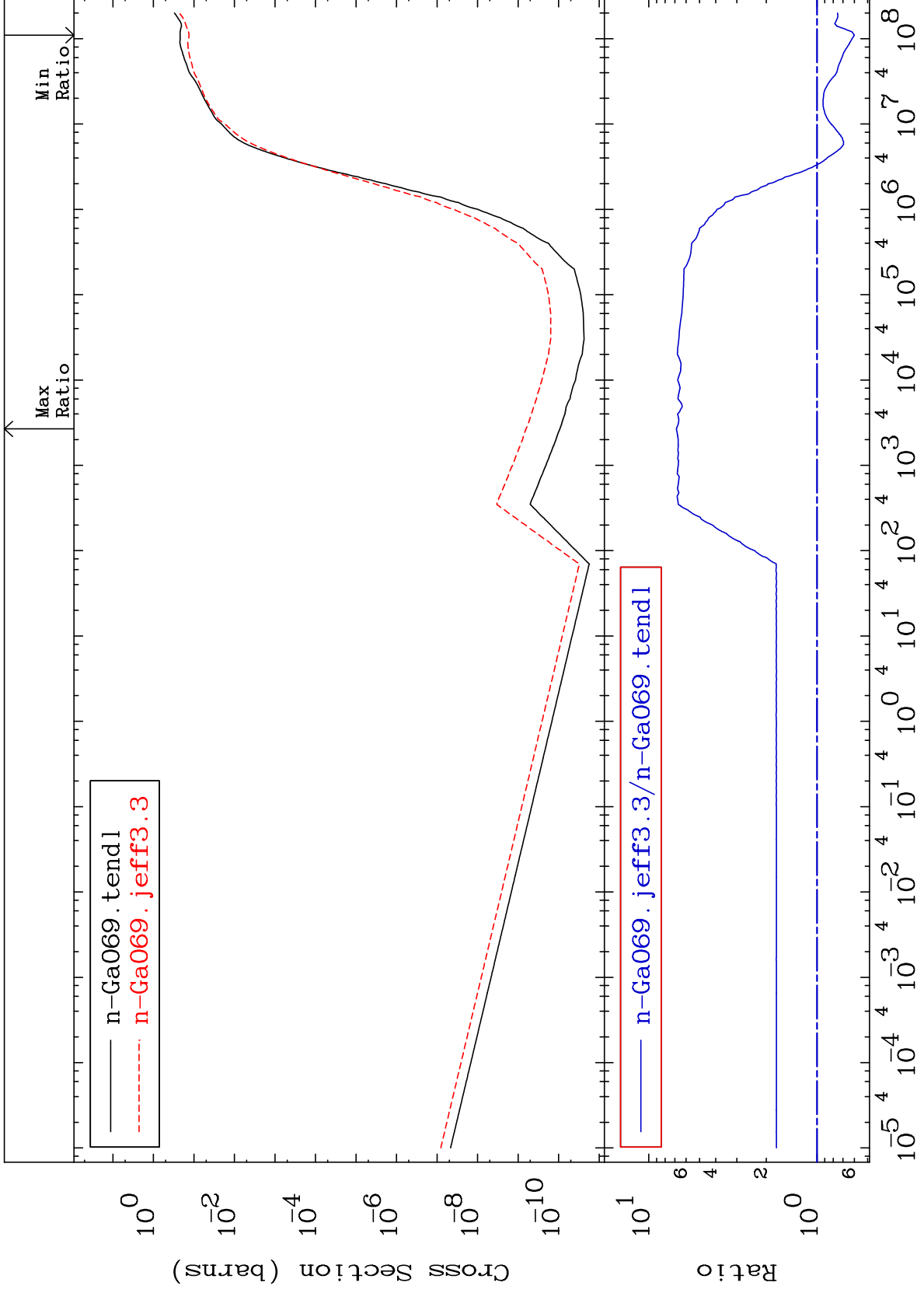
31-Ga-69  
-35.03 To 113.9 %

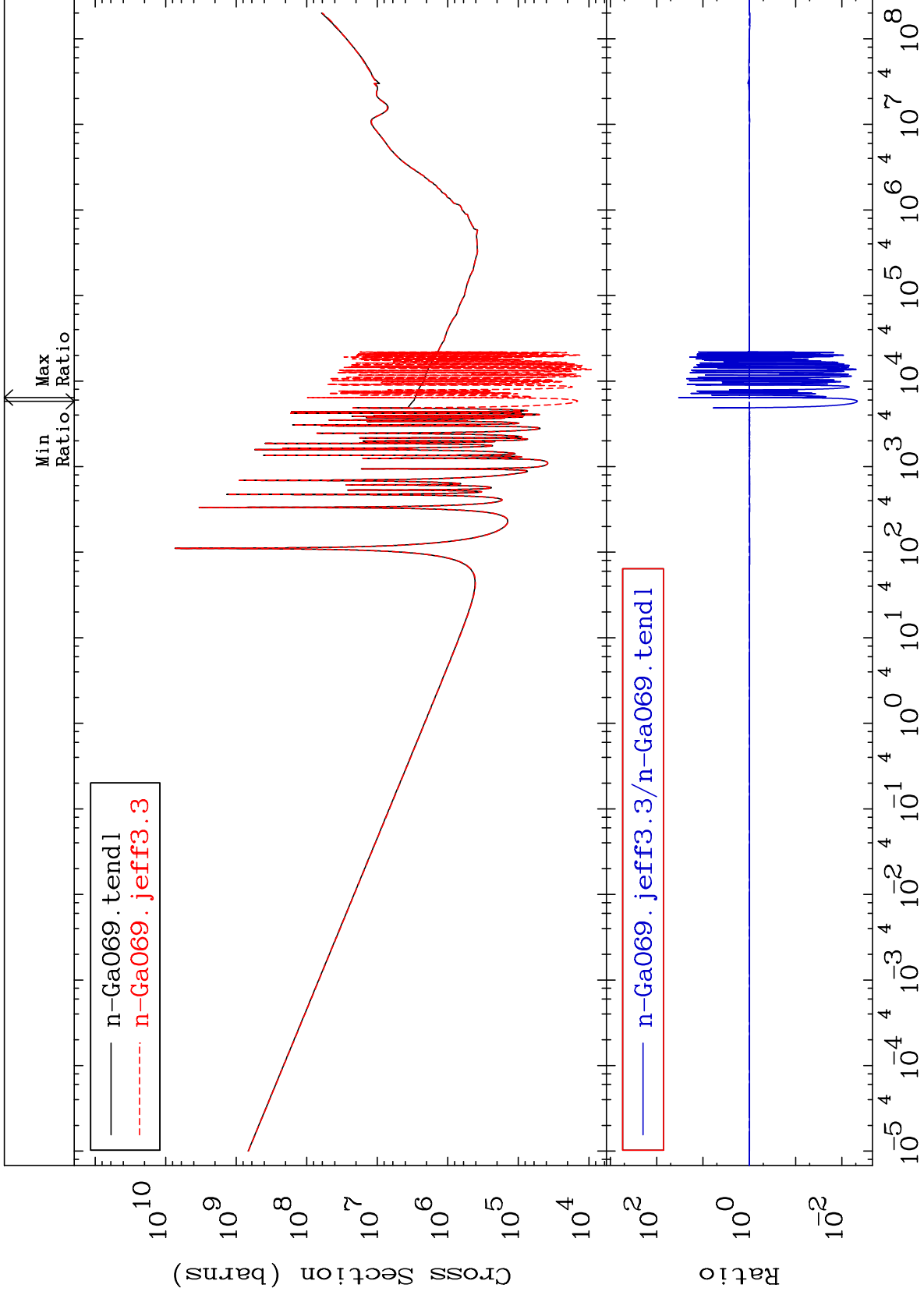


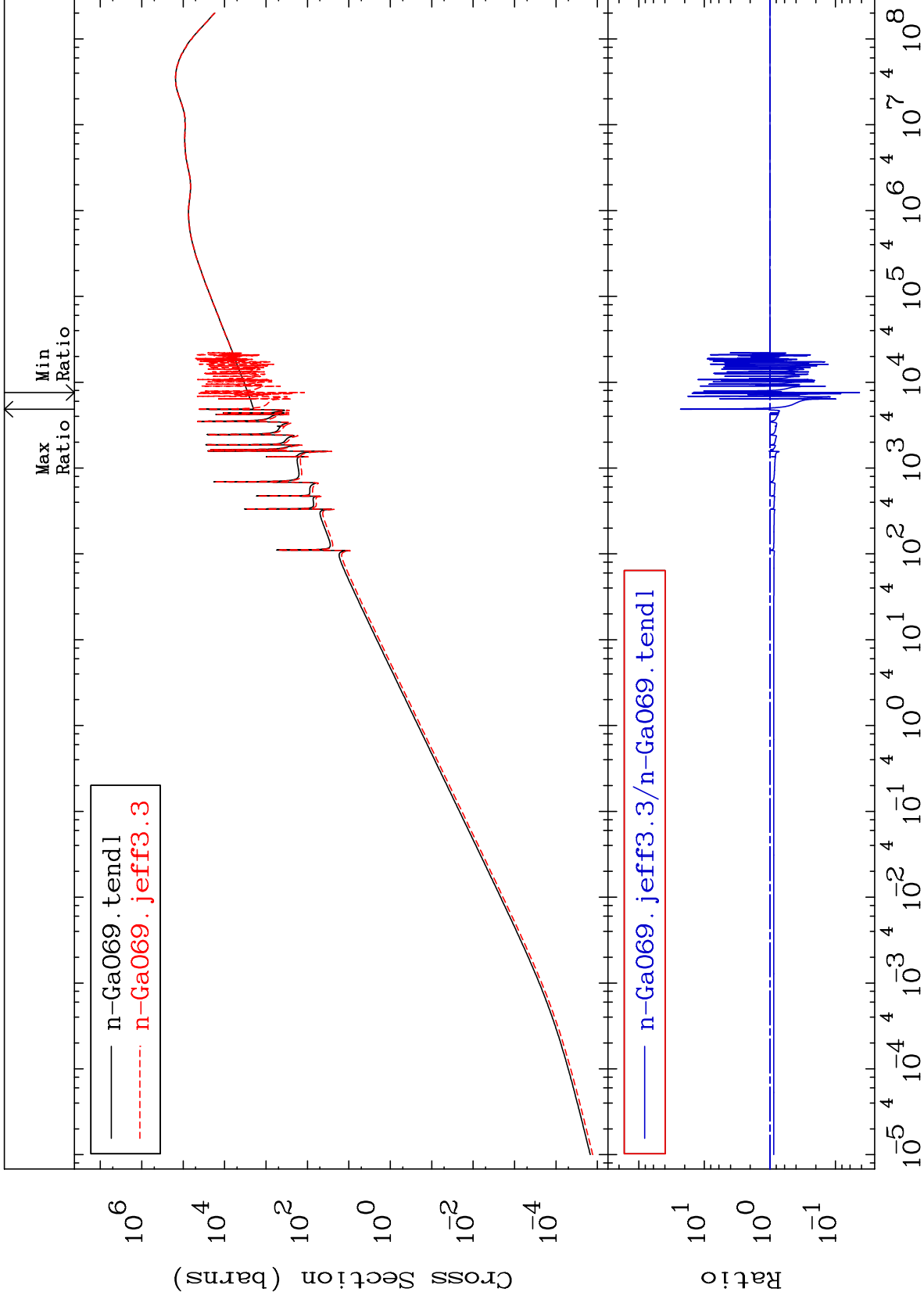
65

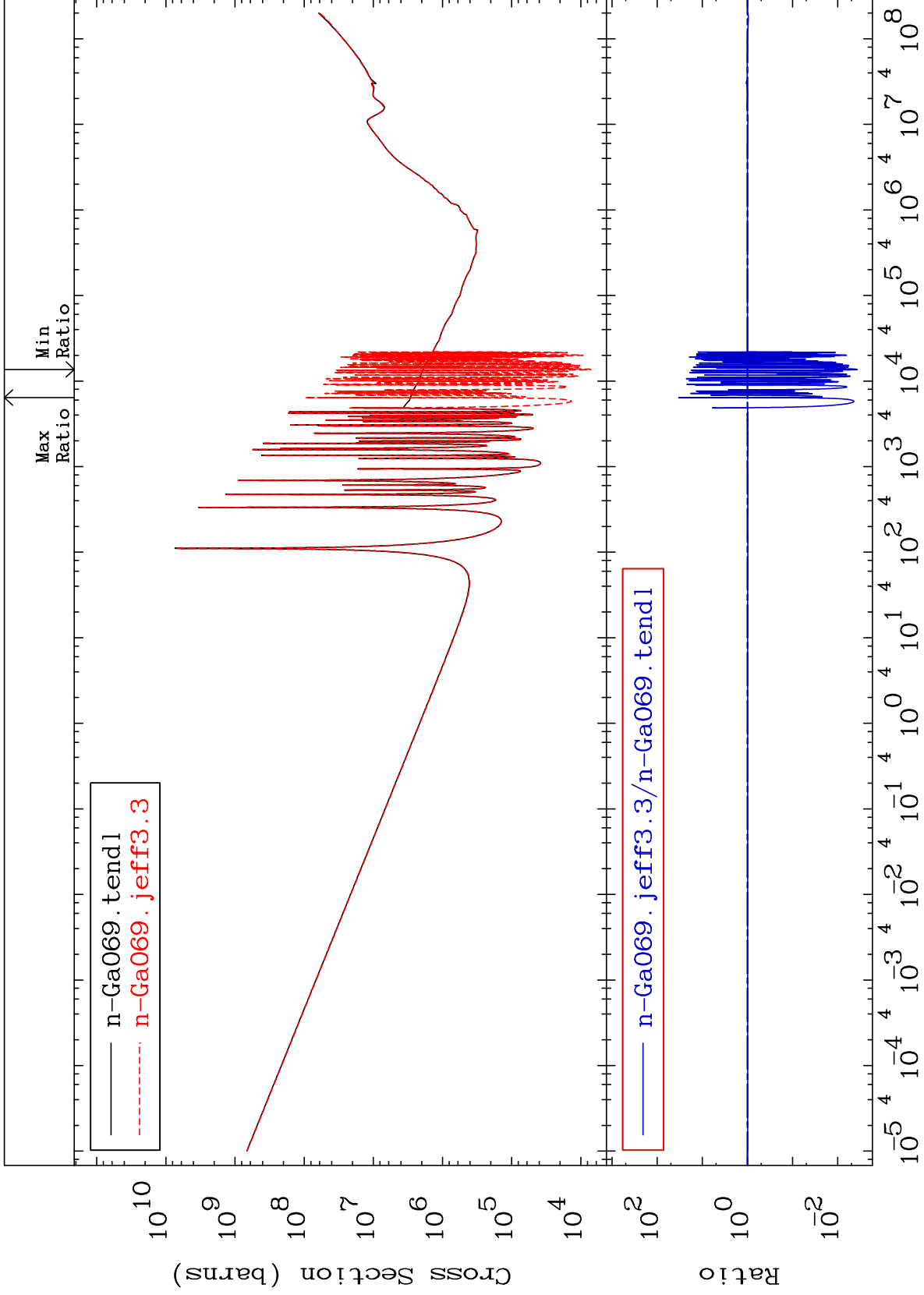
Incident Energy (eV)

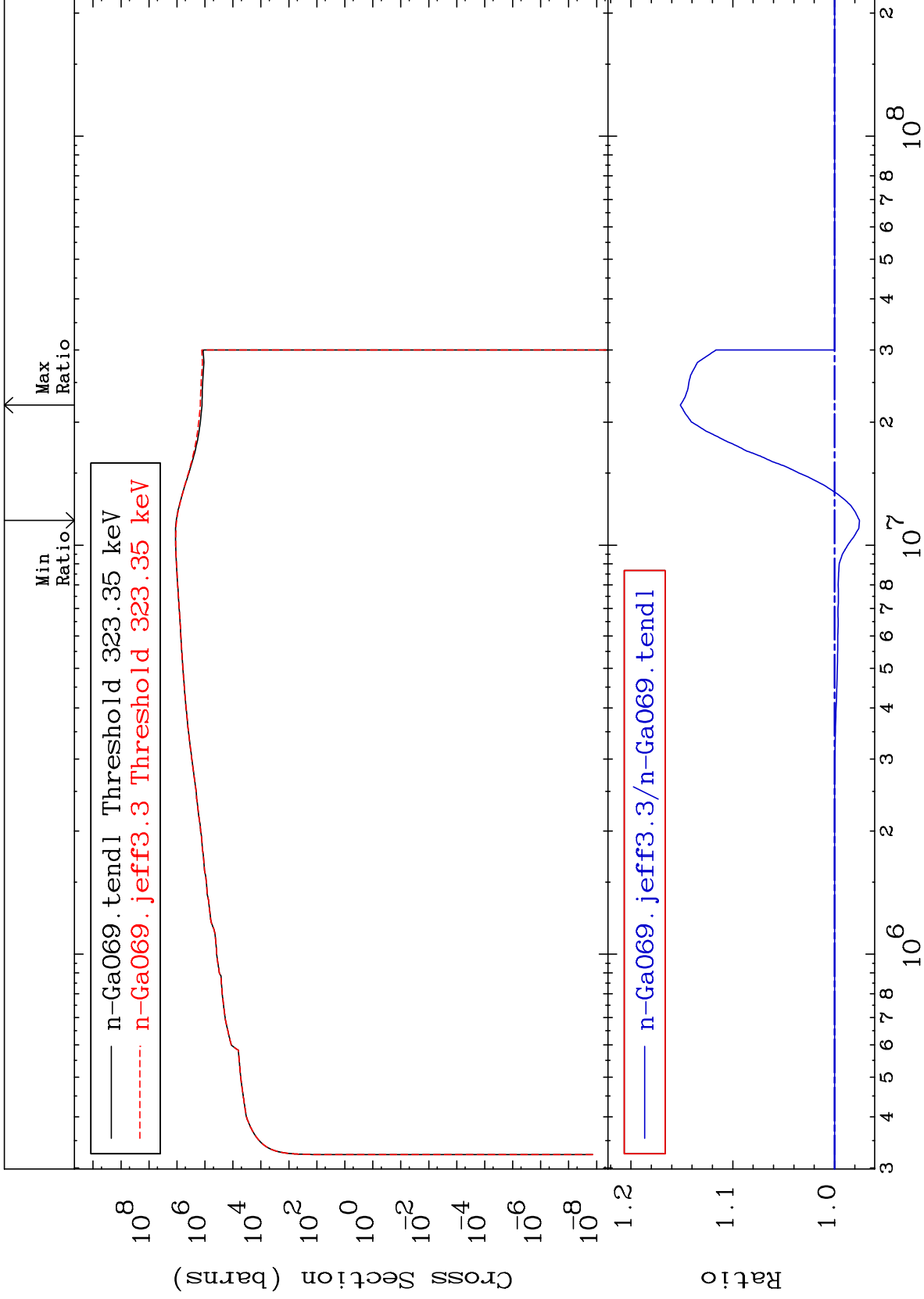
31-Ga-69

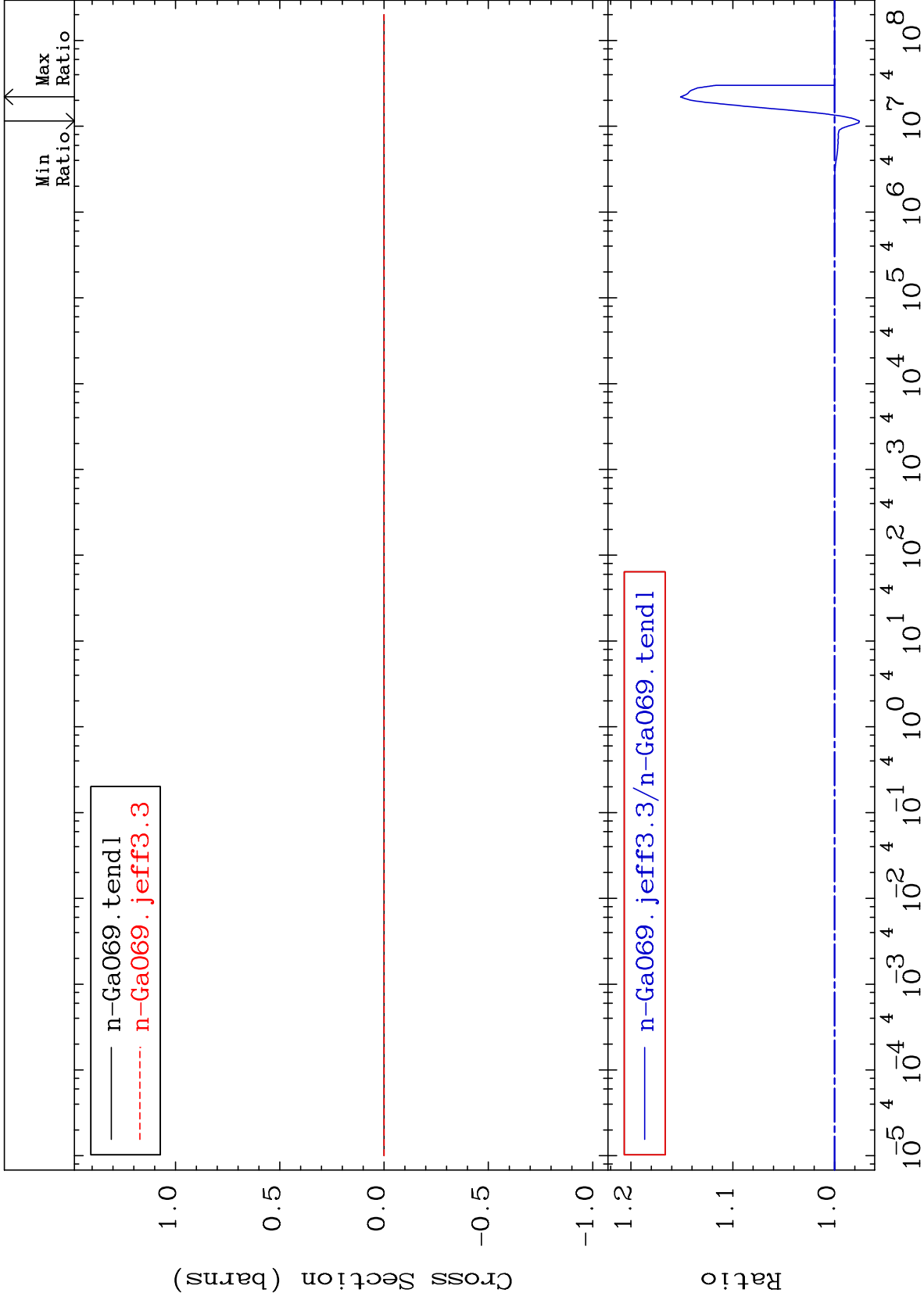


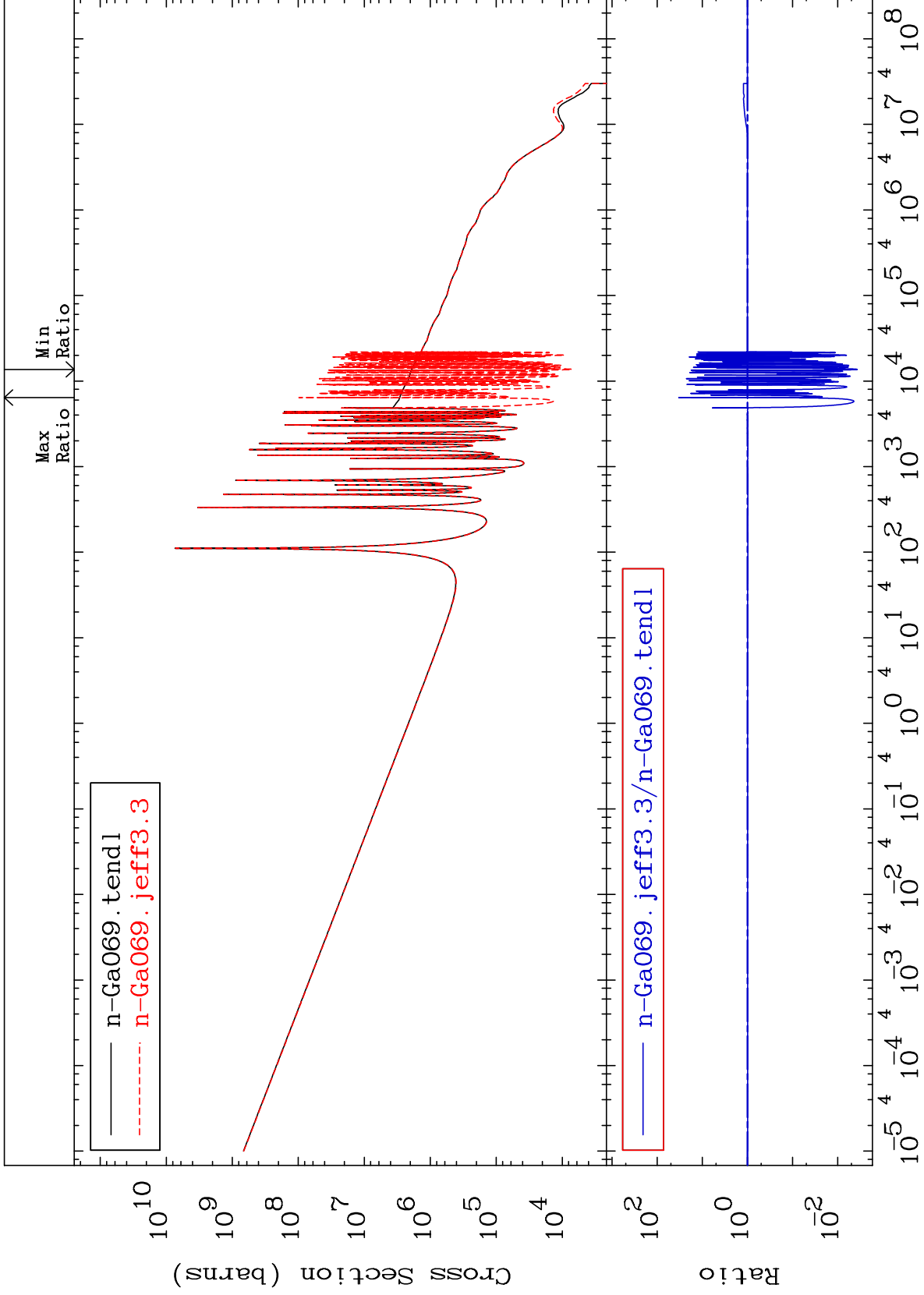




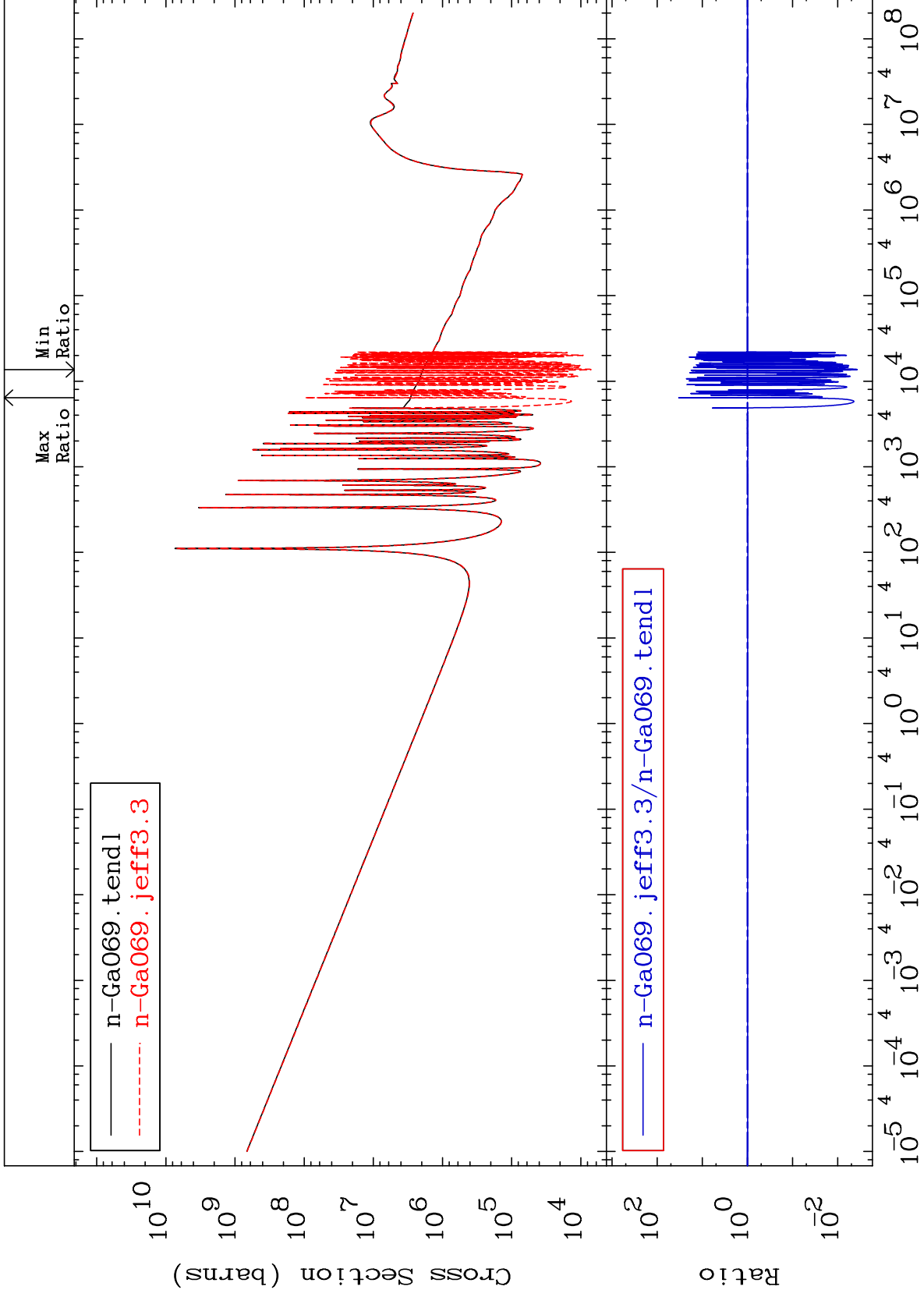


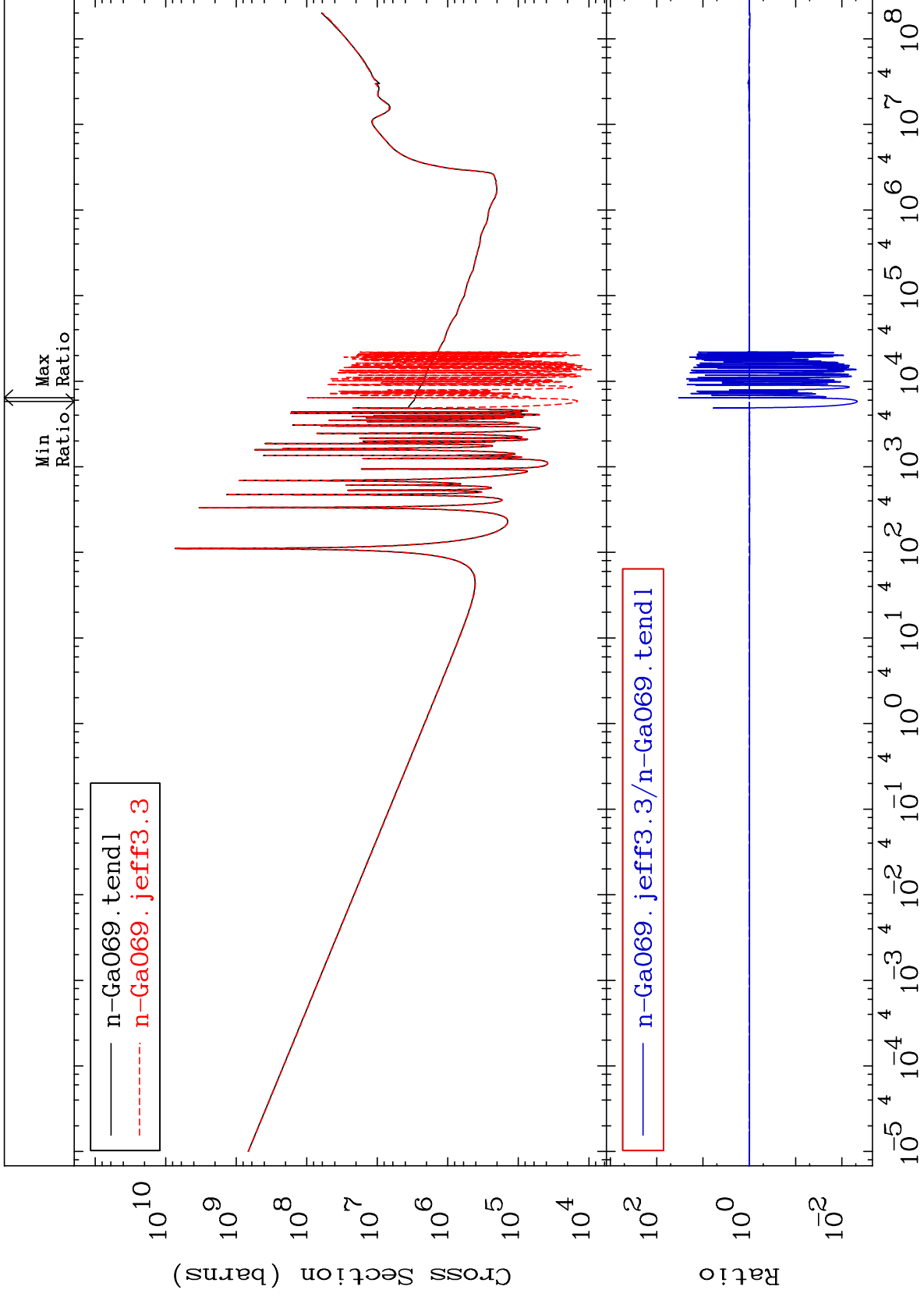


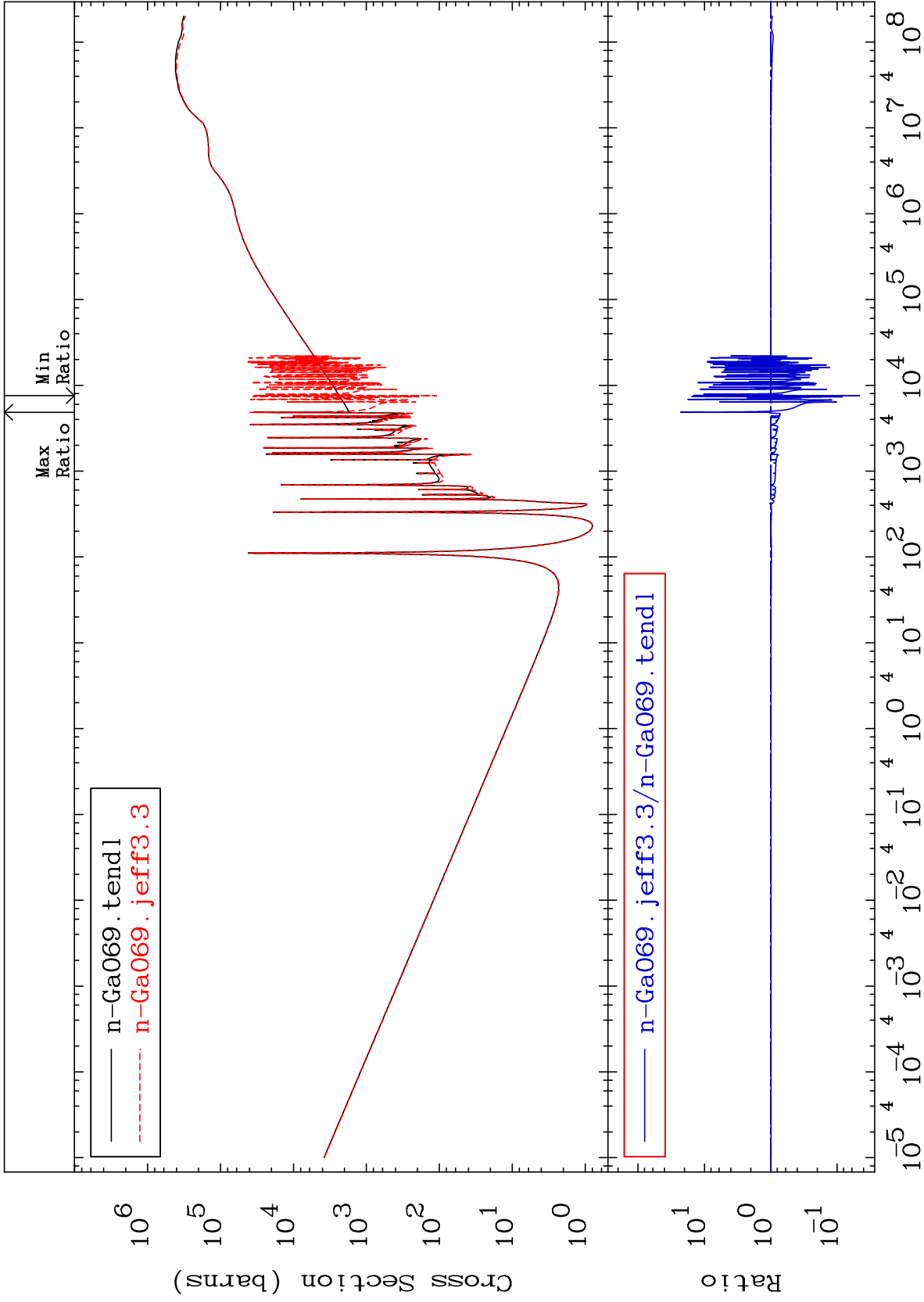


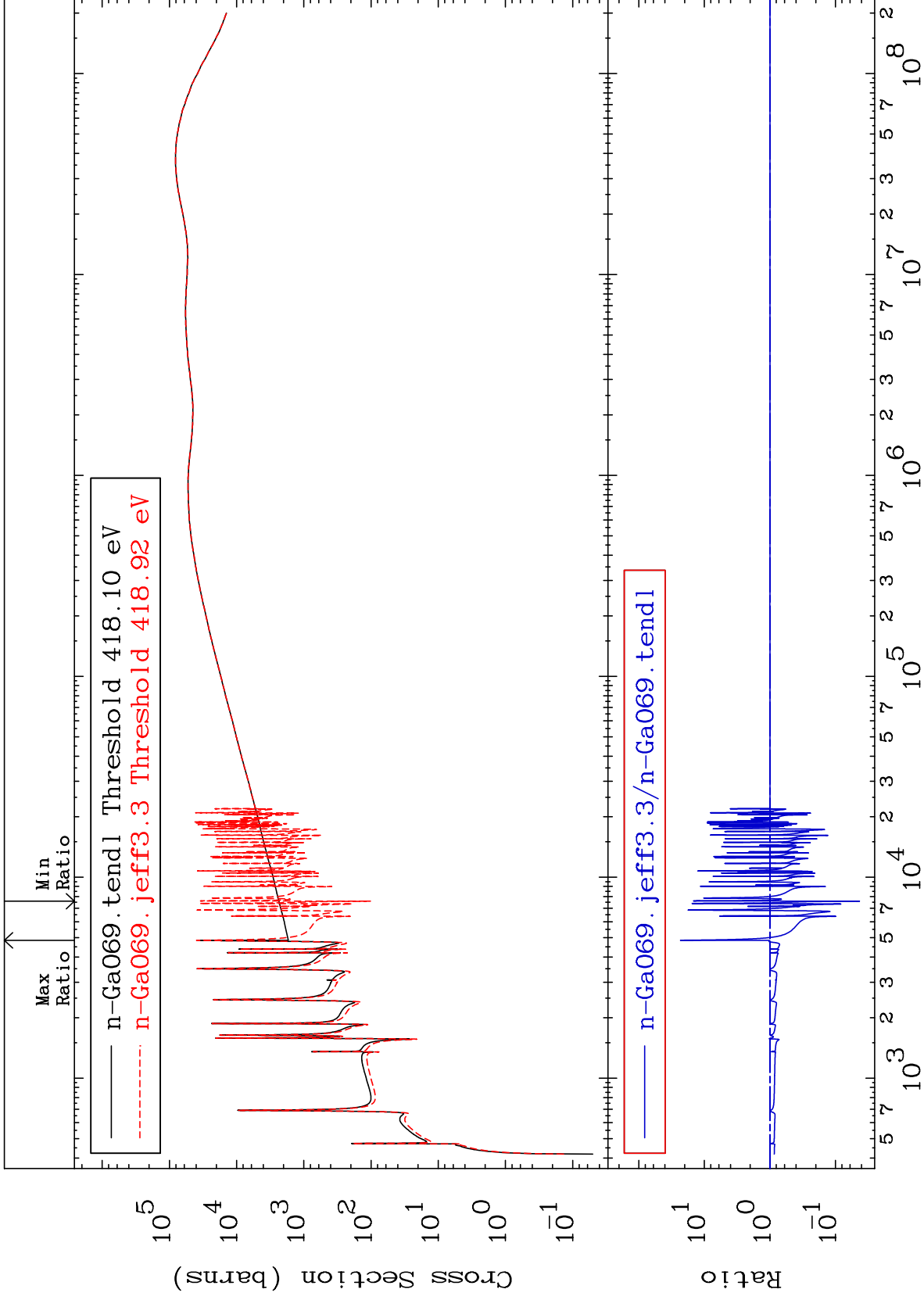


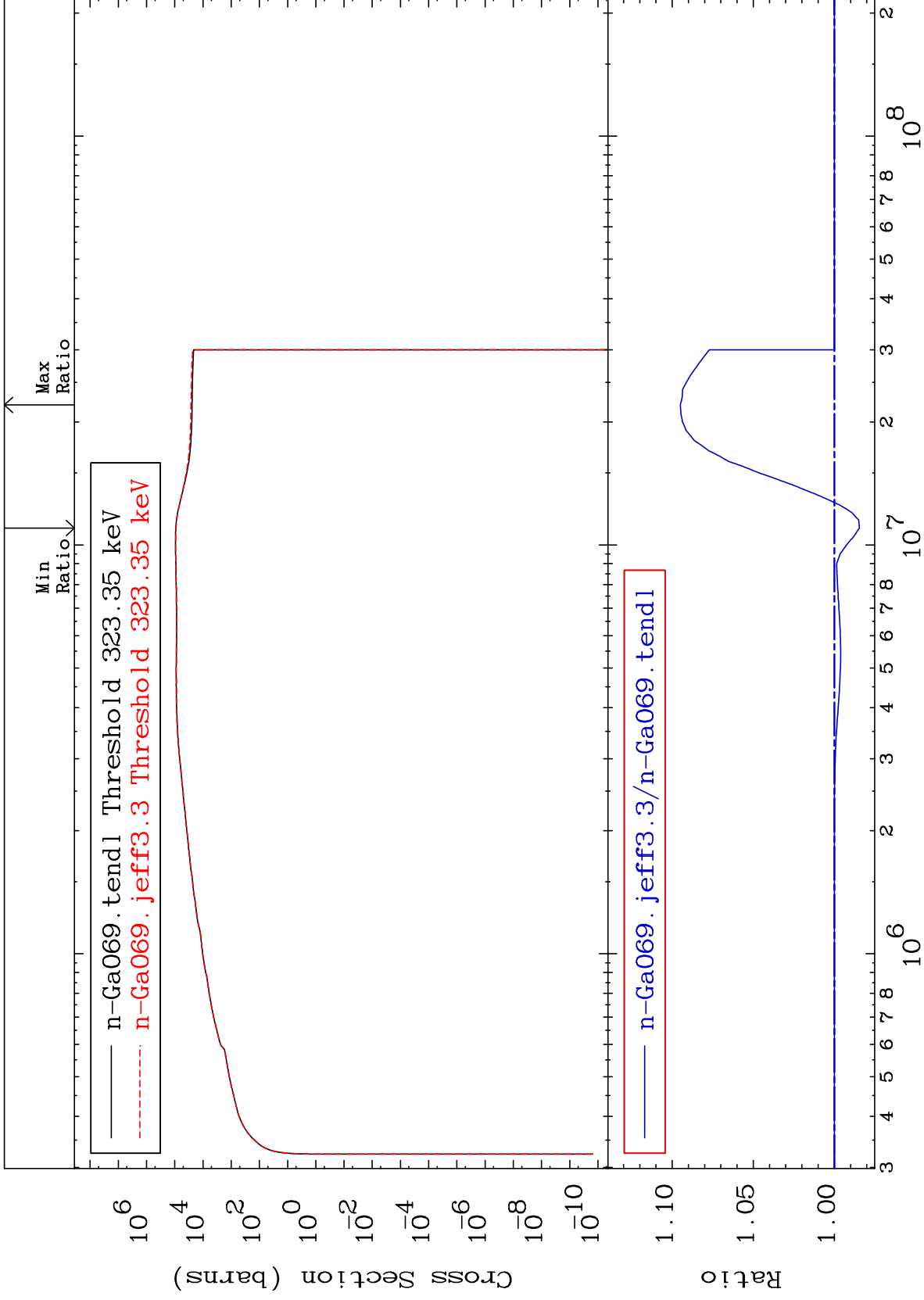


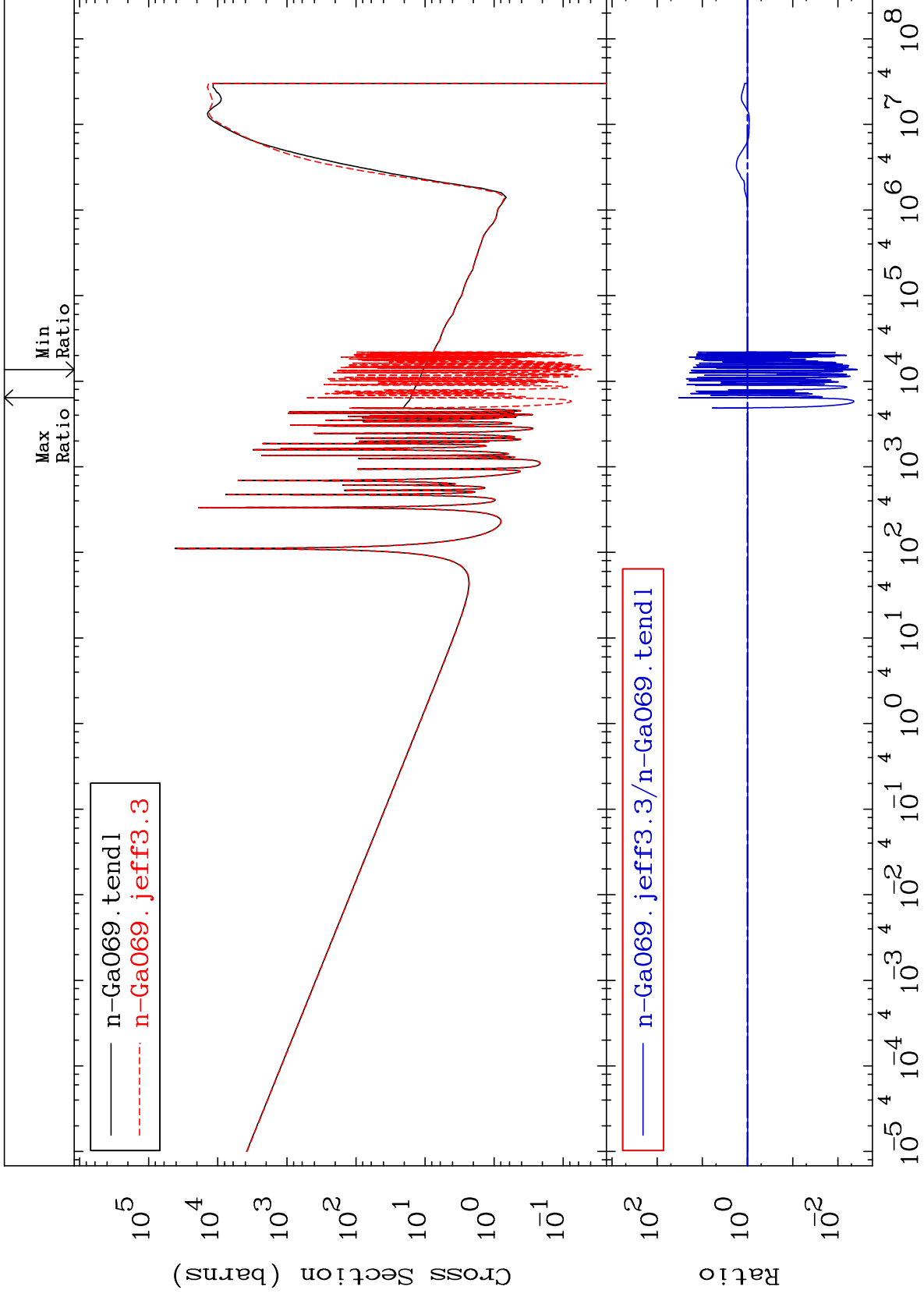


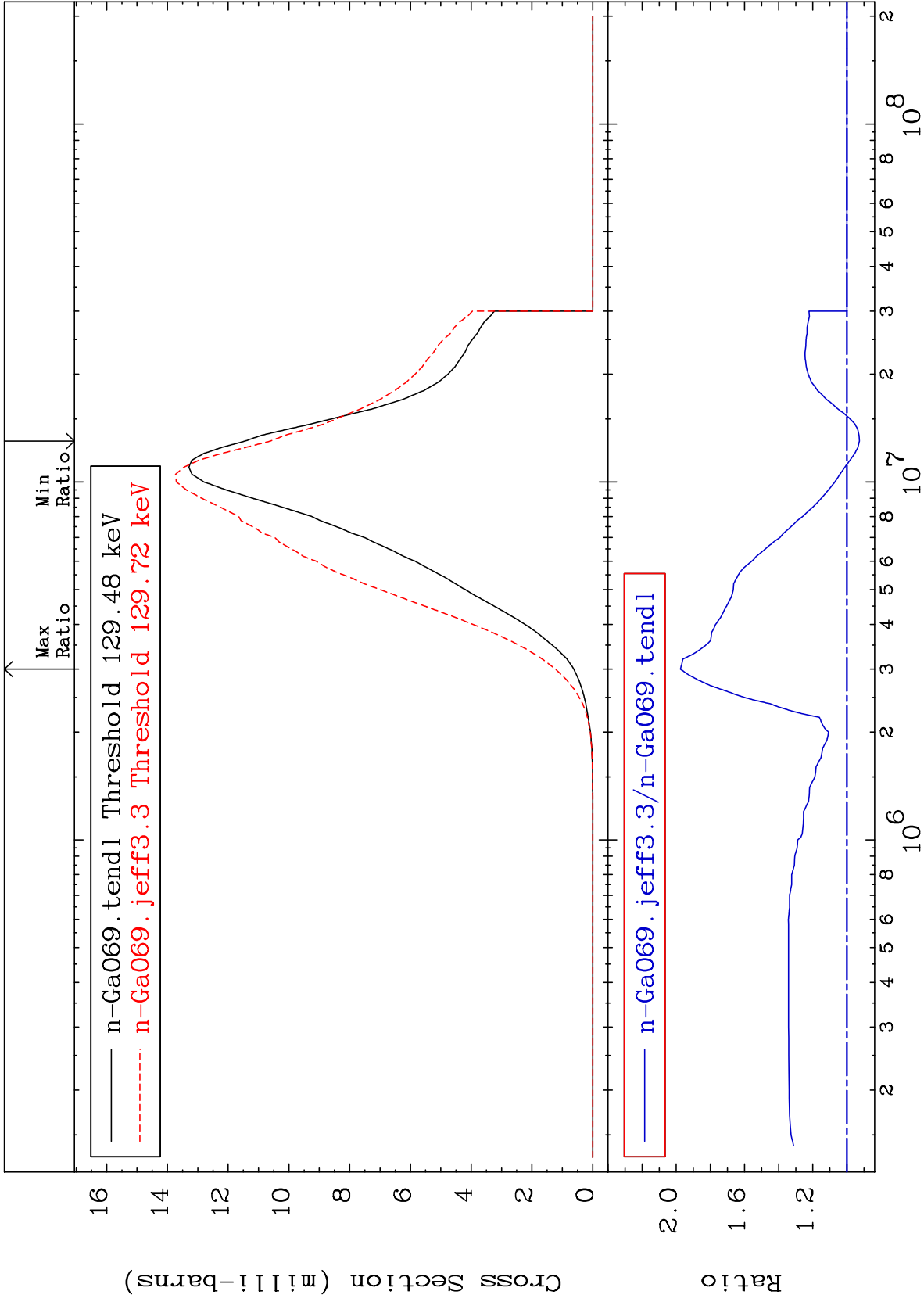










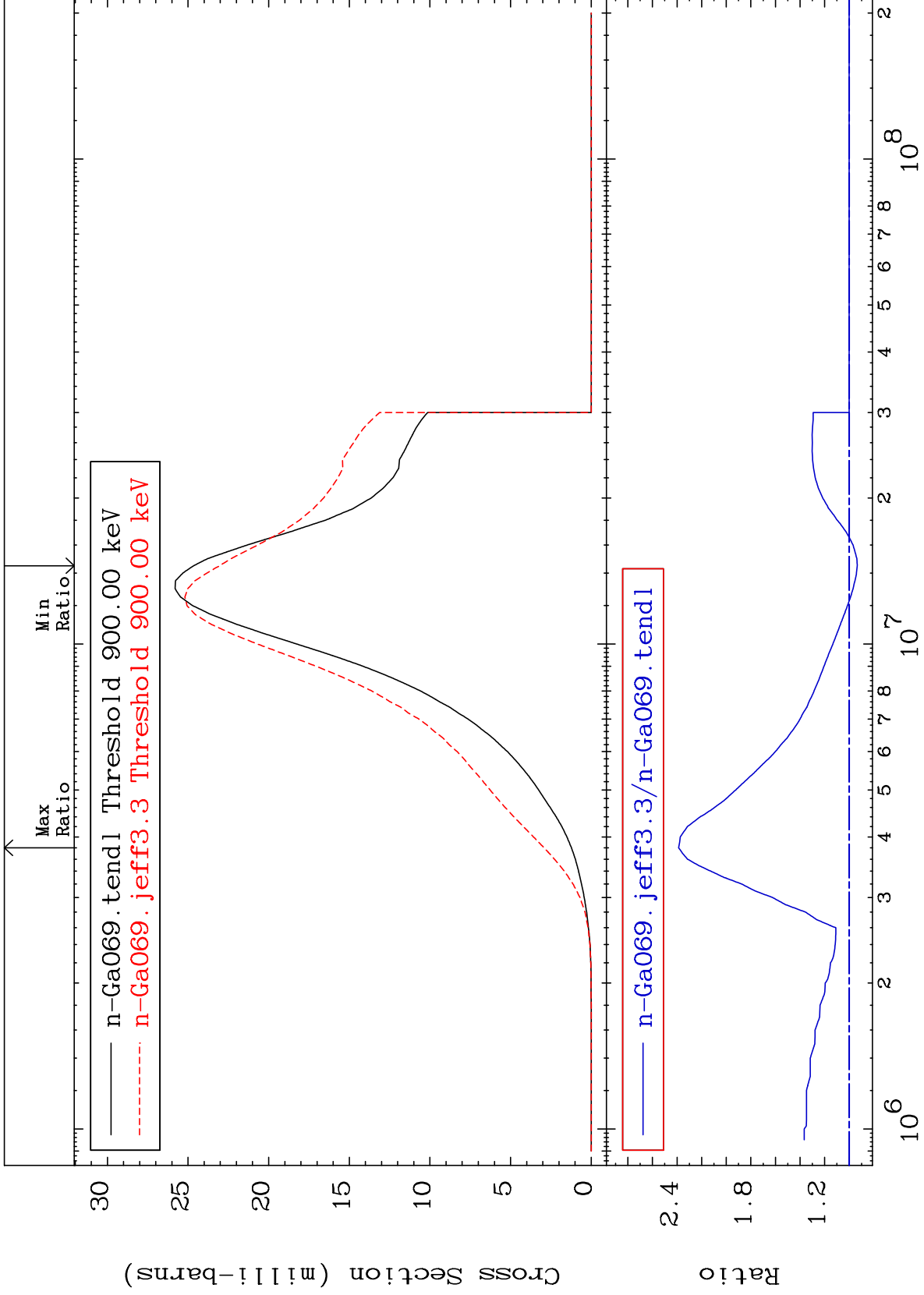


MAT 3125

(n, p) : 30-Zn-69m1

31-Ga-69

Radionuclide Production Cross Section -6.517 To 138.7 %



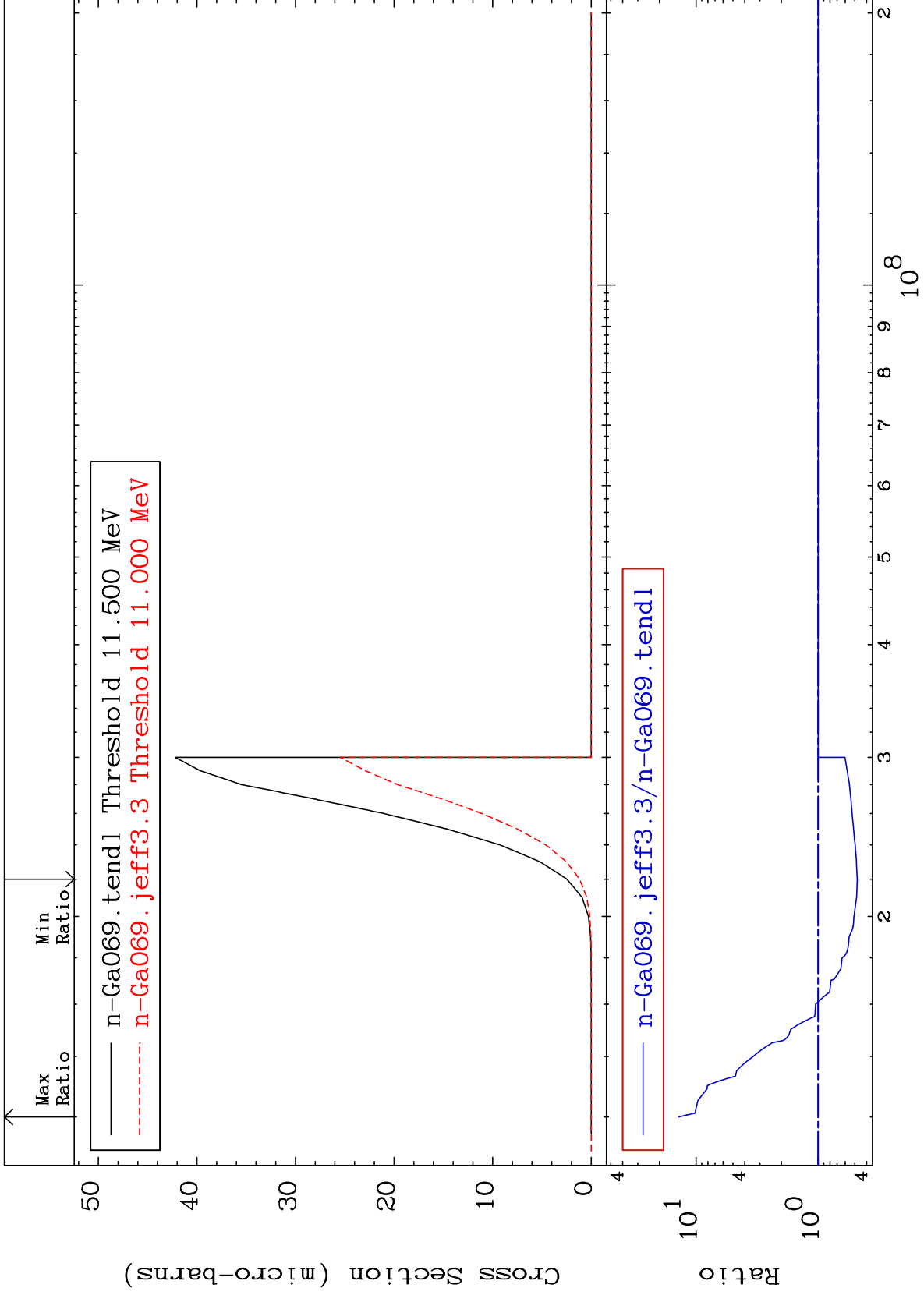
80

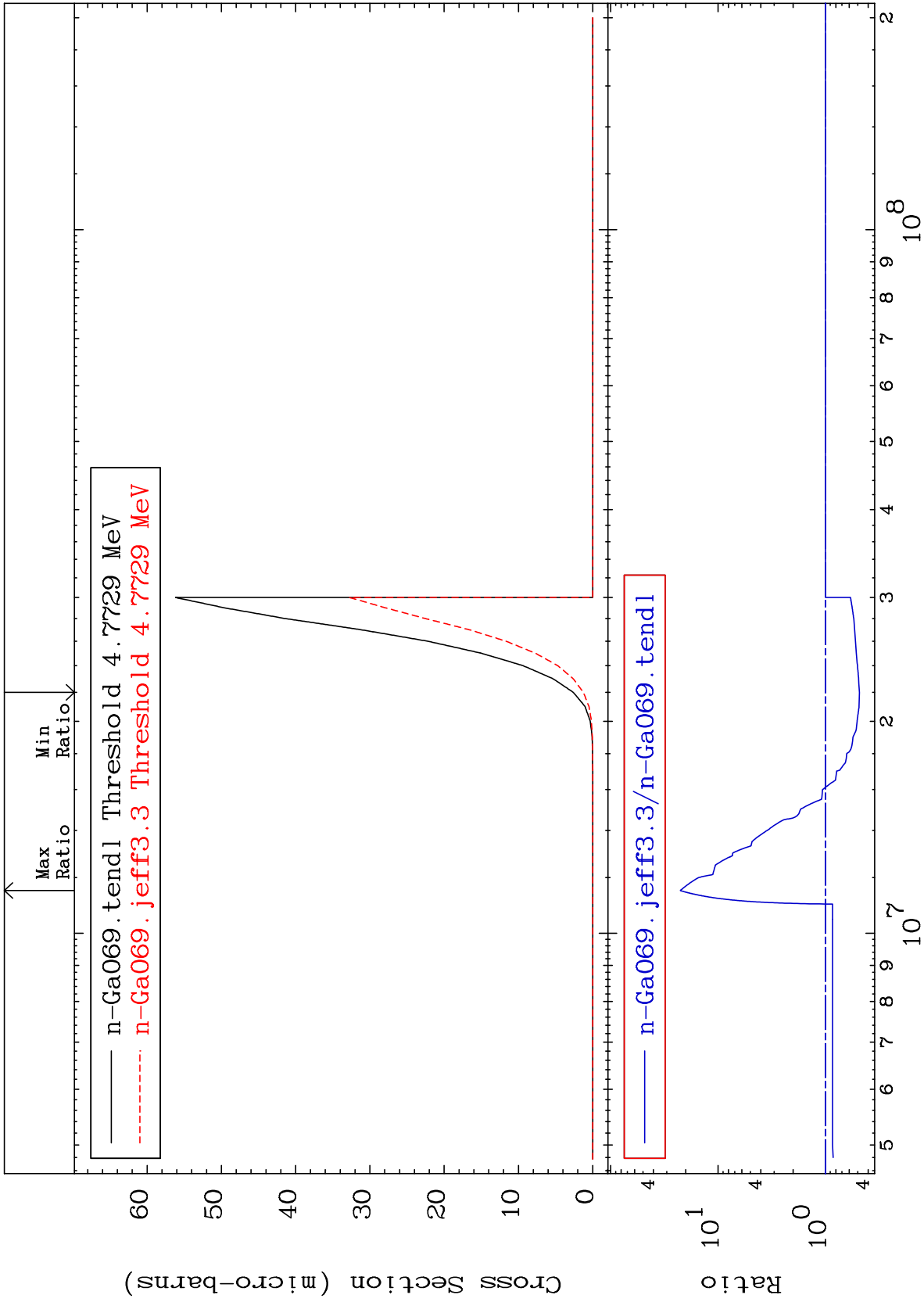
Incident Energy (eV)

31-Ga-69

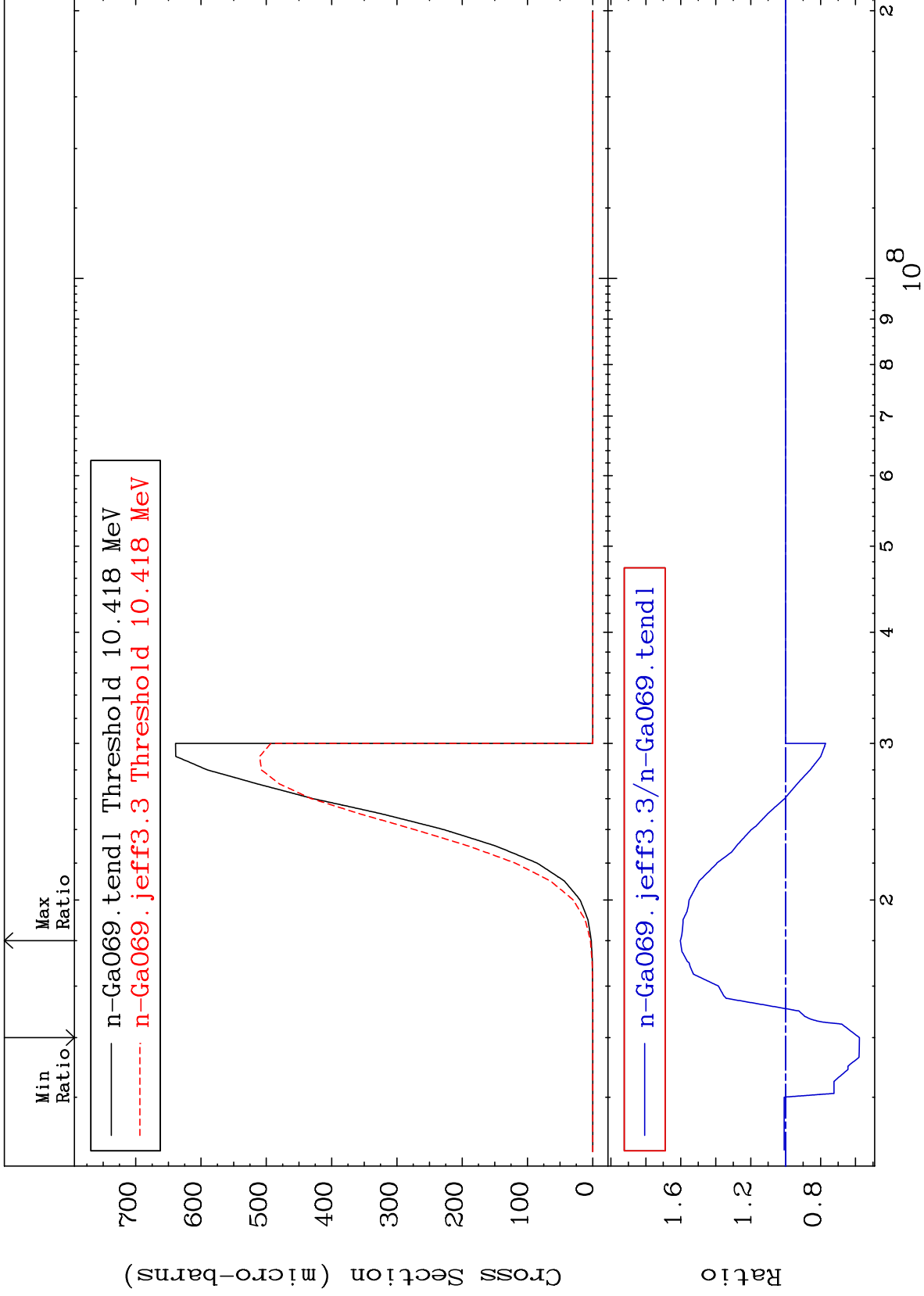


Radionuclide Production Cross Section -52.22 To 1291. %





Radionuclide Production Cross Section -42.21 To 60.24 %



Radionuclide Production Cross Section

-43.97 To 62.67 %

