

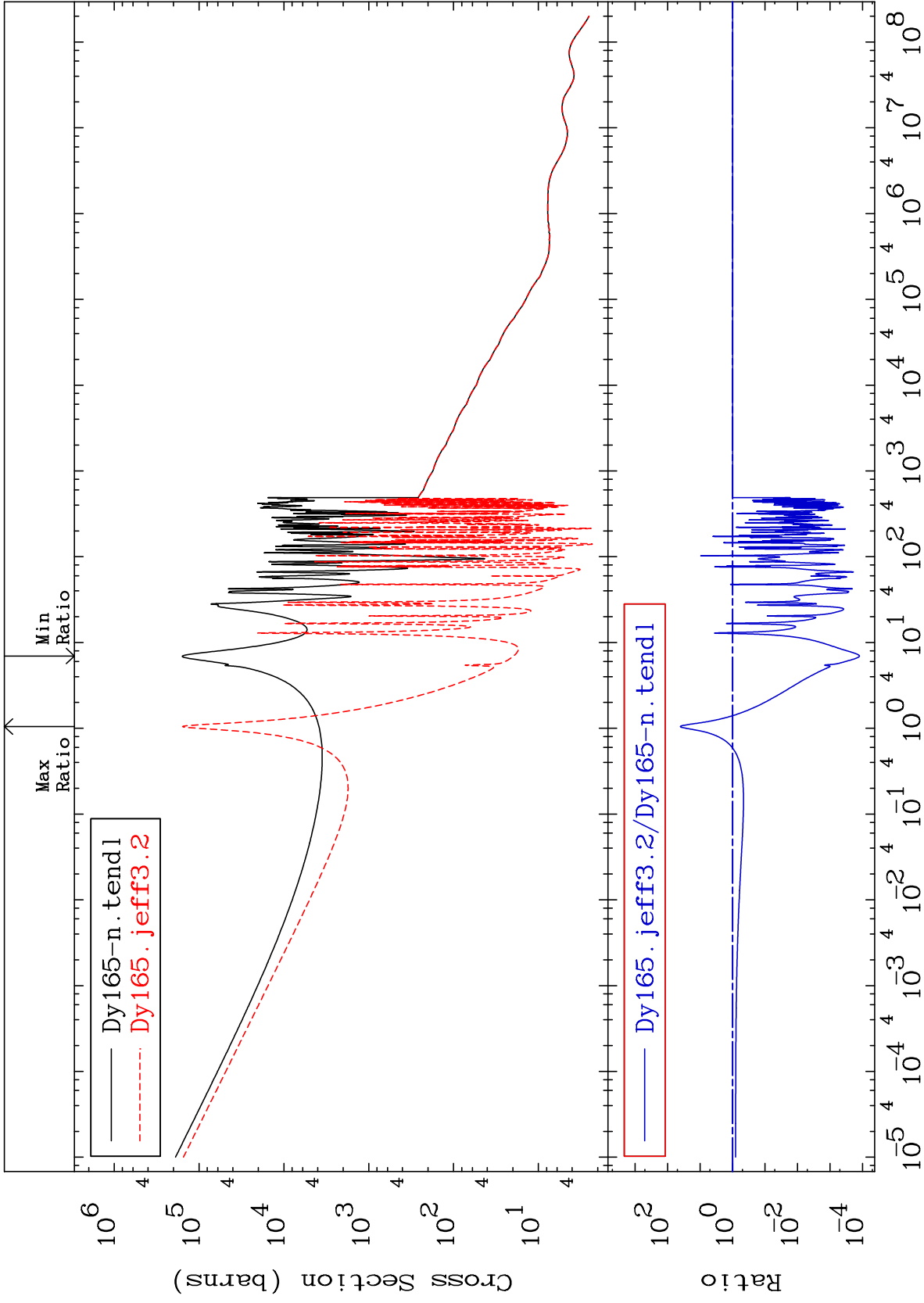
MAT 6652

Total

66-Dy-165

Cross Section

-99.99 To 3943. %



Incident Energy (eV)

66-Dy-165

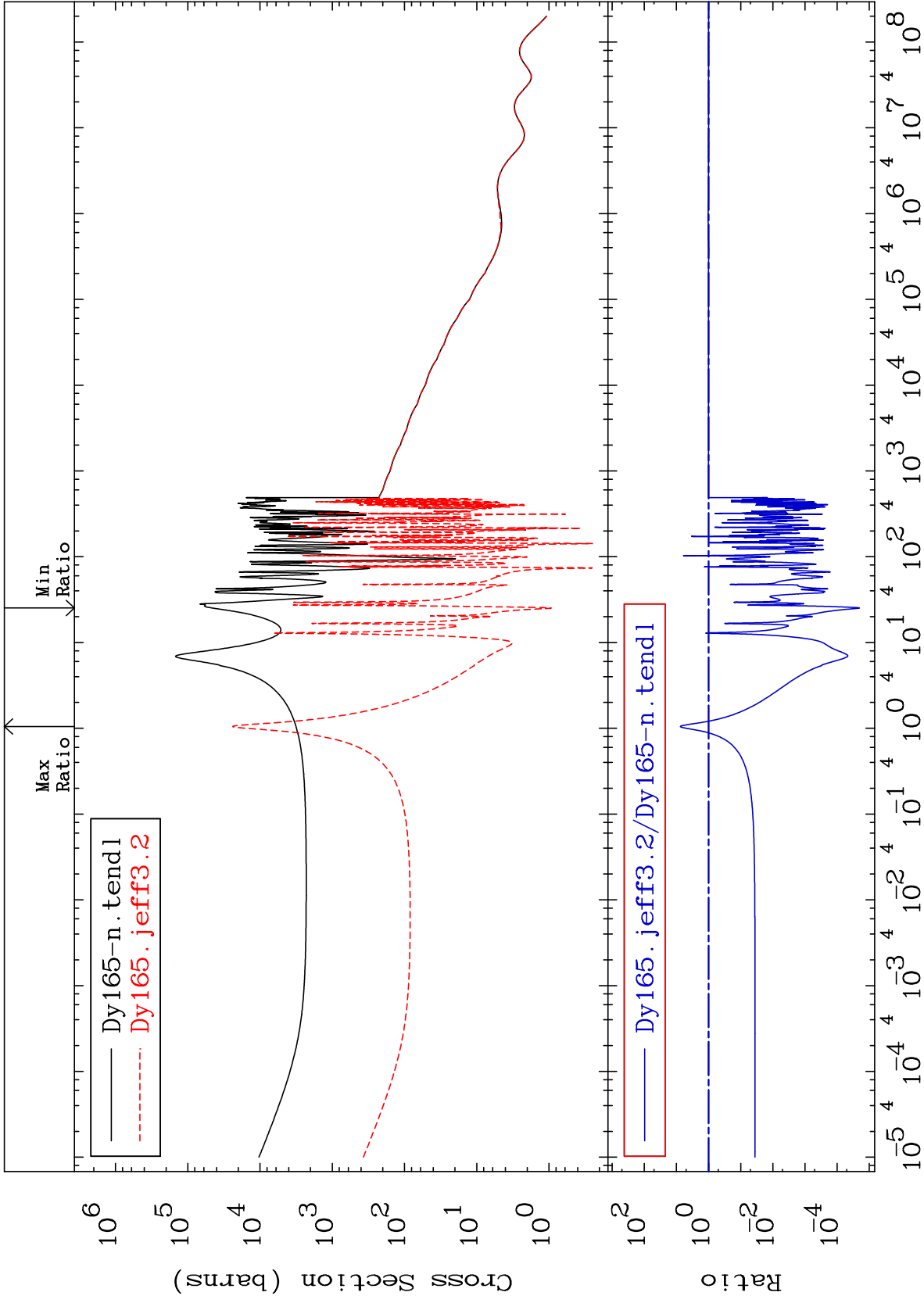
MAT 6652

Elastic

66-Dy-165

Cross Section

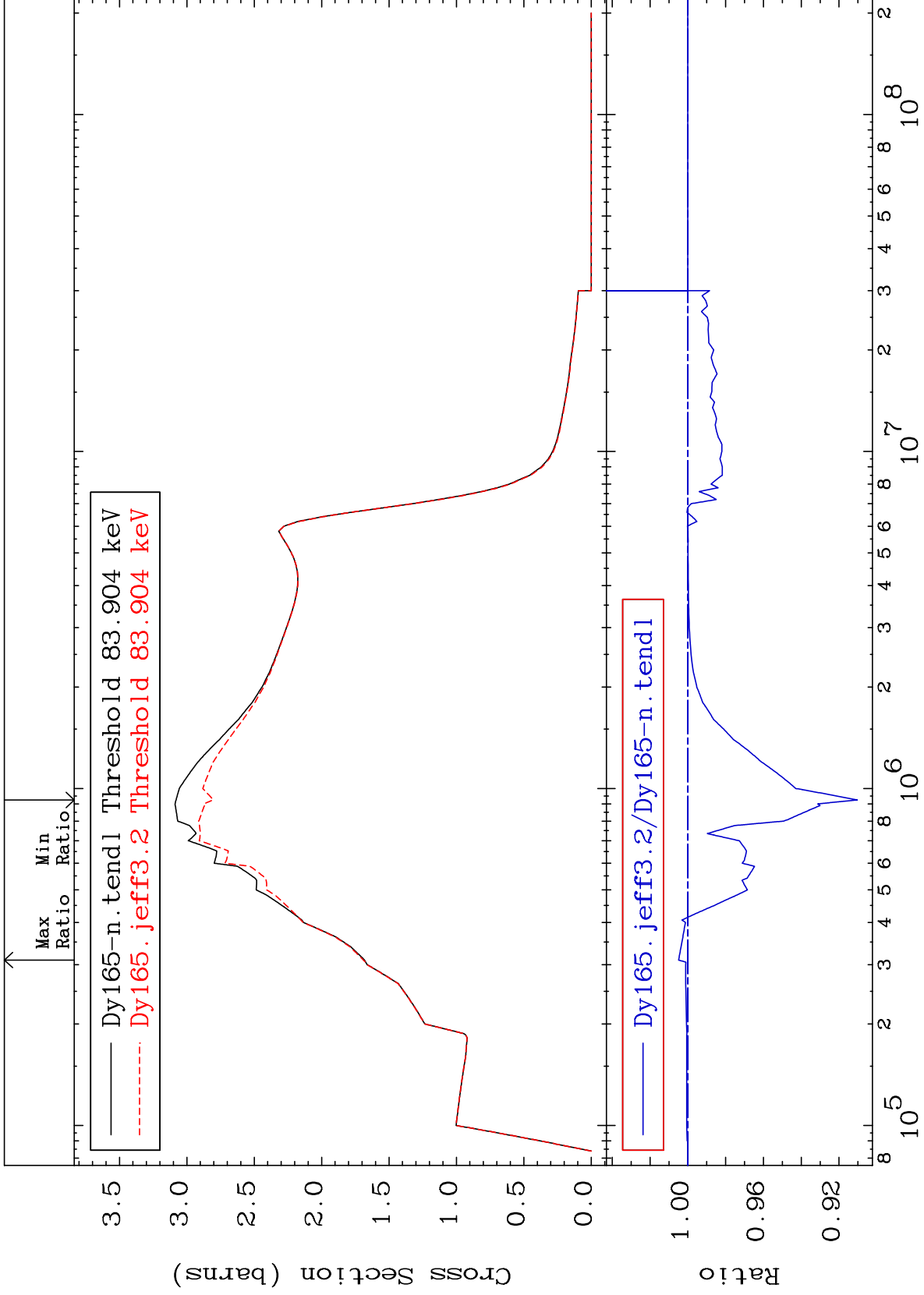
-100.0 To 655.4 %



MAT 6652

Inelastic  
Cross Section

66-Dy-165  
-8.963 To 0.487 %



66-Dy-165

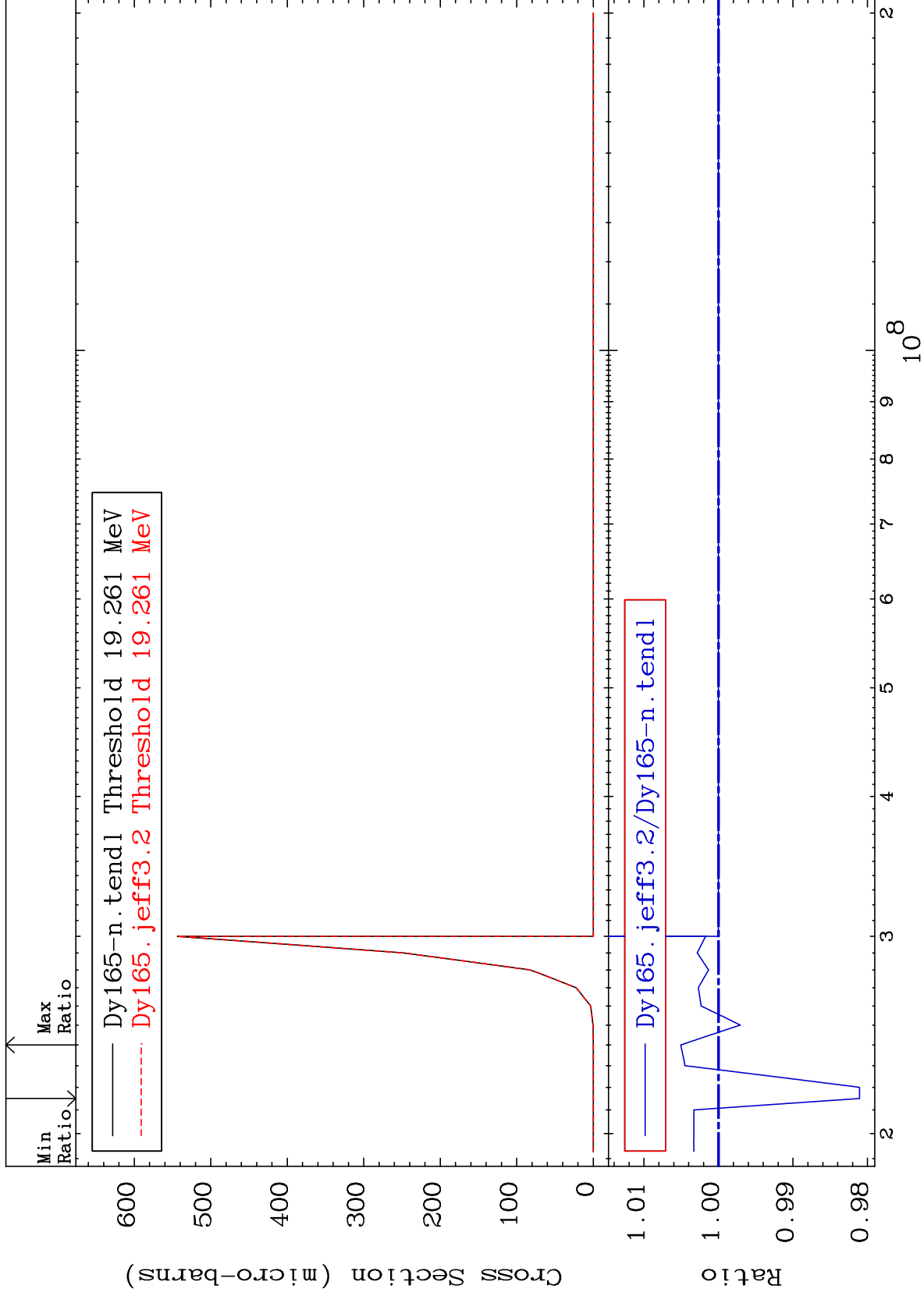
Incident Energy (eV)

3

MAT 6652

(n,2n) d  
Cross Section

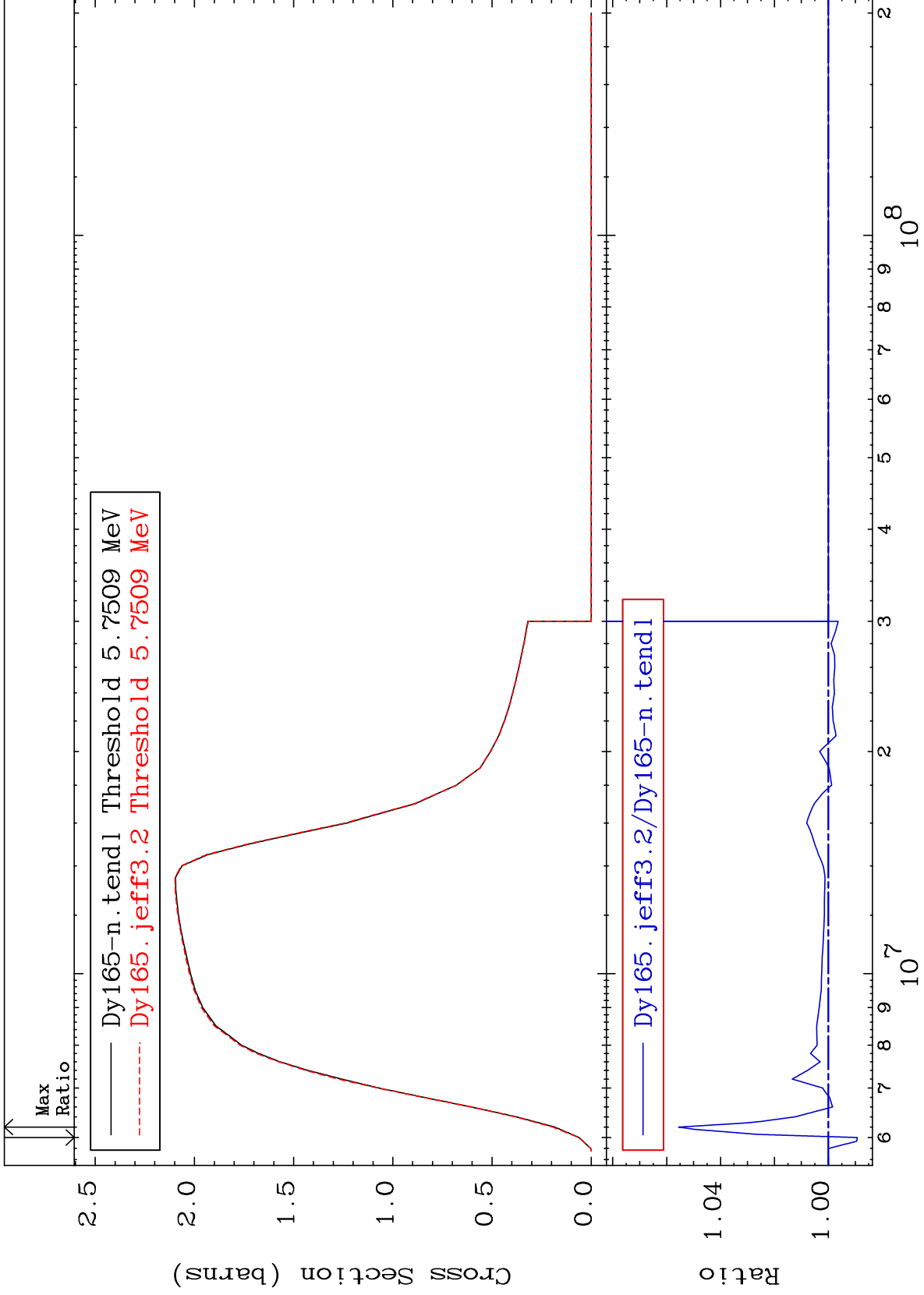
66-Dy-165  
-1.893 To 0.506 %



MAT 6652

(n,2n)  
Cross Section

66-Dy-165  
-1.072 To 5.555 %



5

Incident Energy (eV)

66-Dy-165

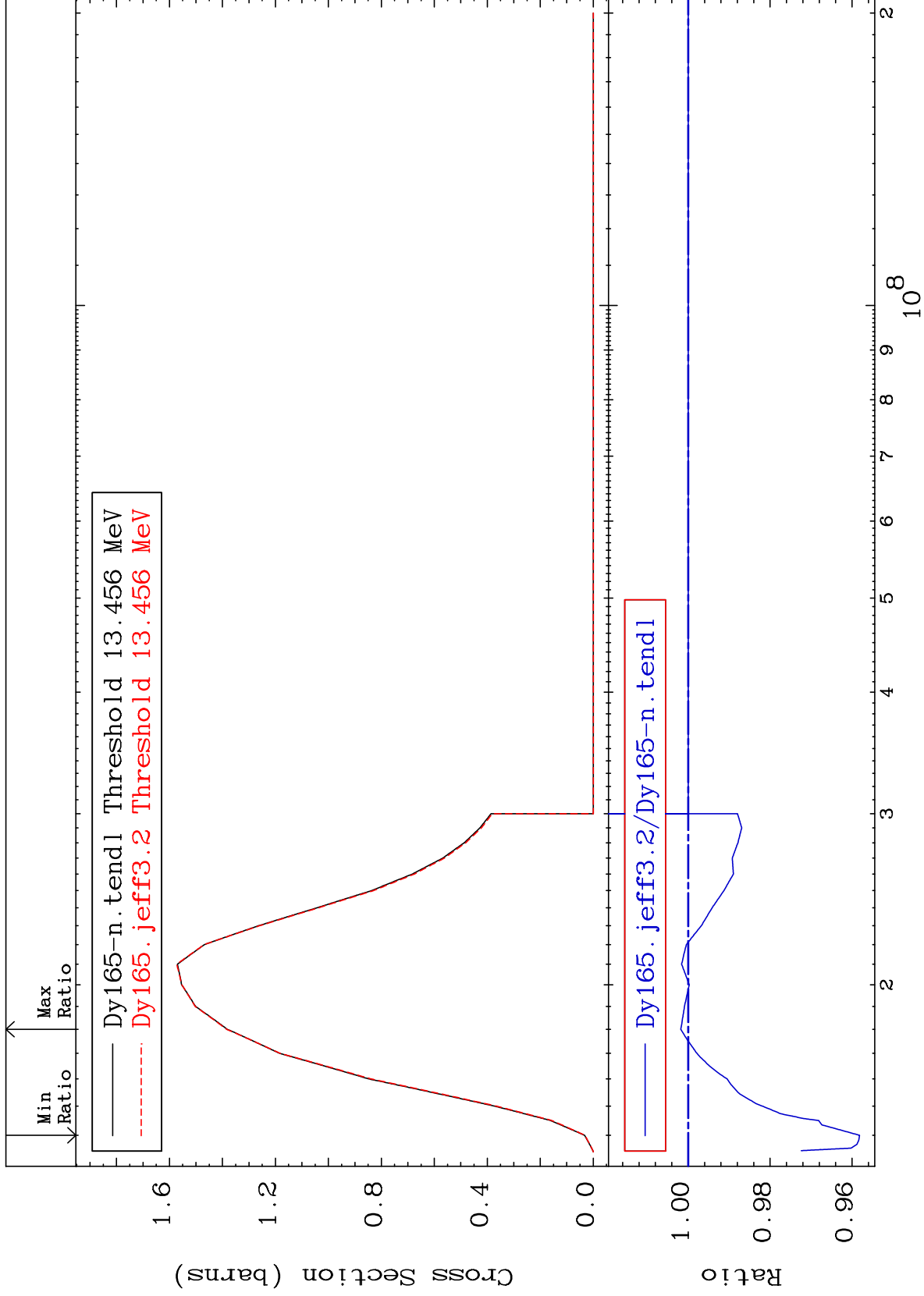
MAT 6652

(n,3n)

66-Dy-165

Cross Section

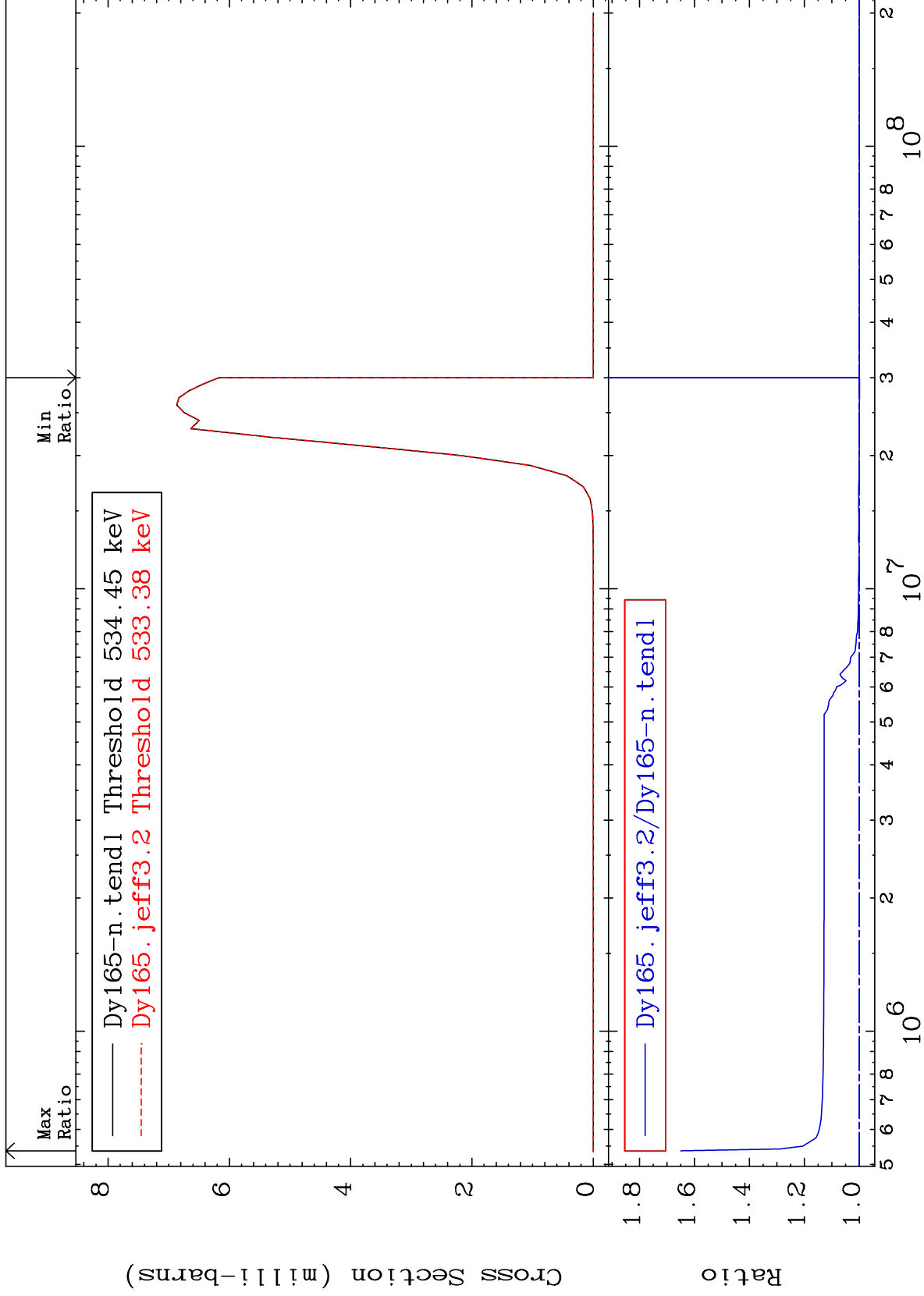
-4.182 To 0.181 %



MAT 6652

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

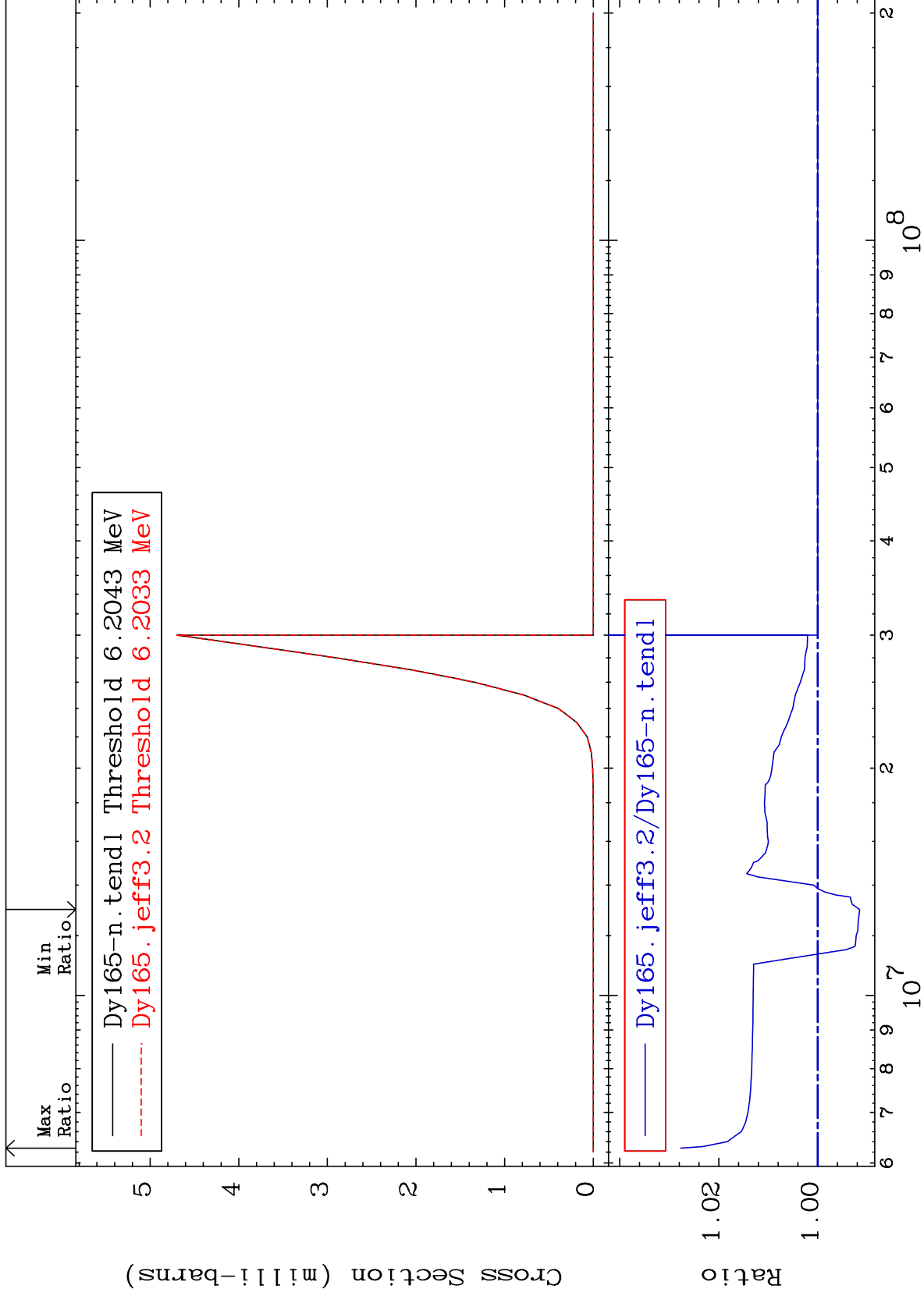
66-Dy-165  
-0.060 To 64.99 %



MAT 6652

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

66-Dy-165  
-0.846 To 2.768 %



8

66-Dy-165

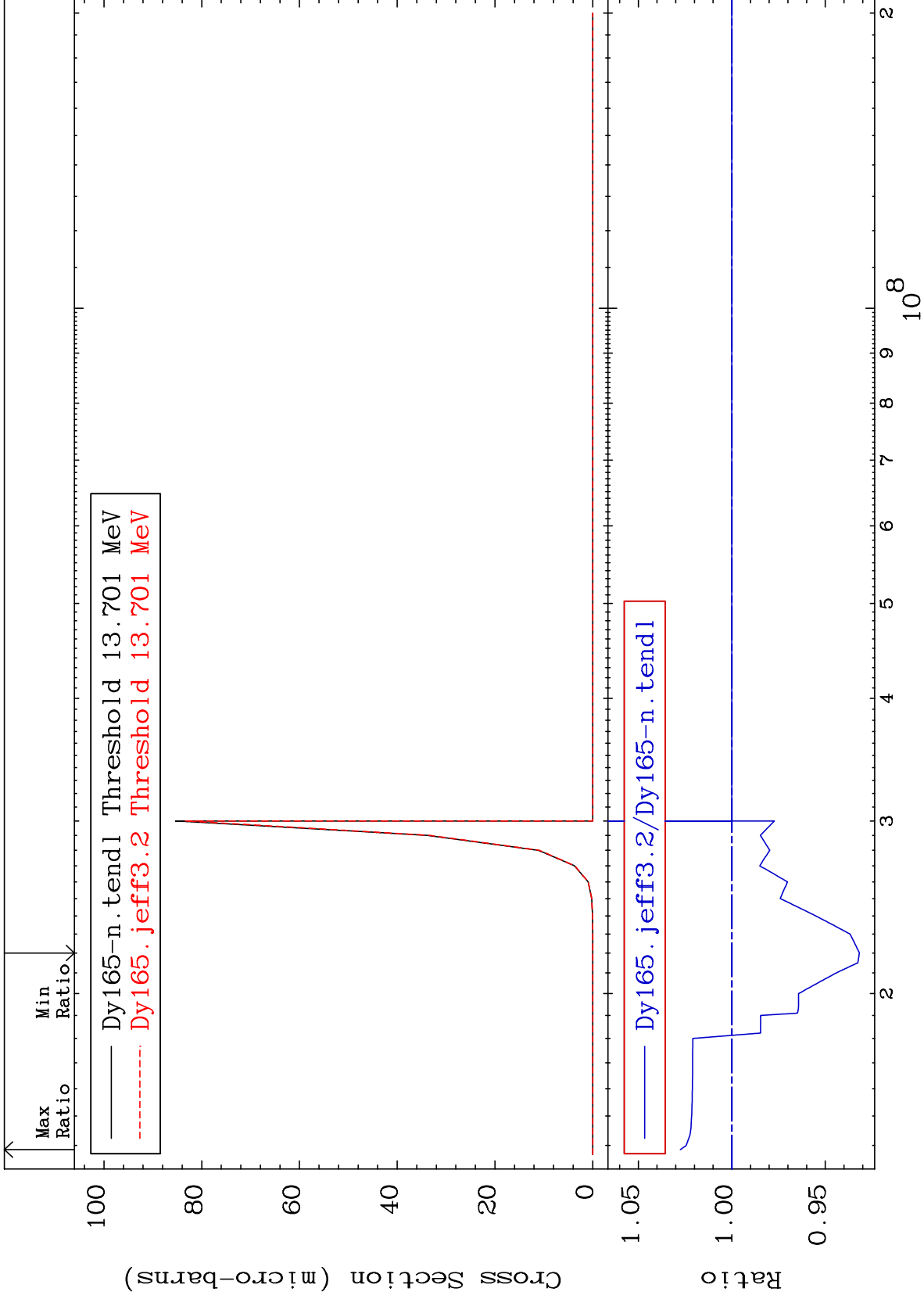
66-Dy-165



MAT 6652

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

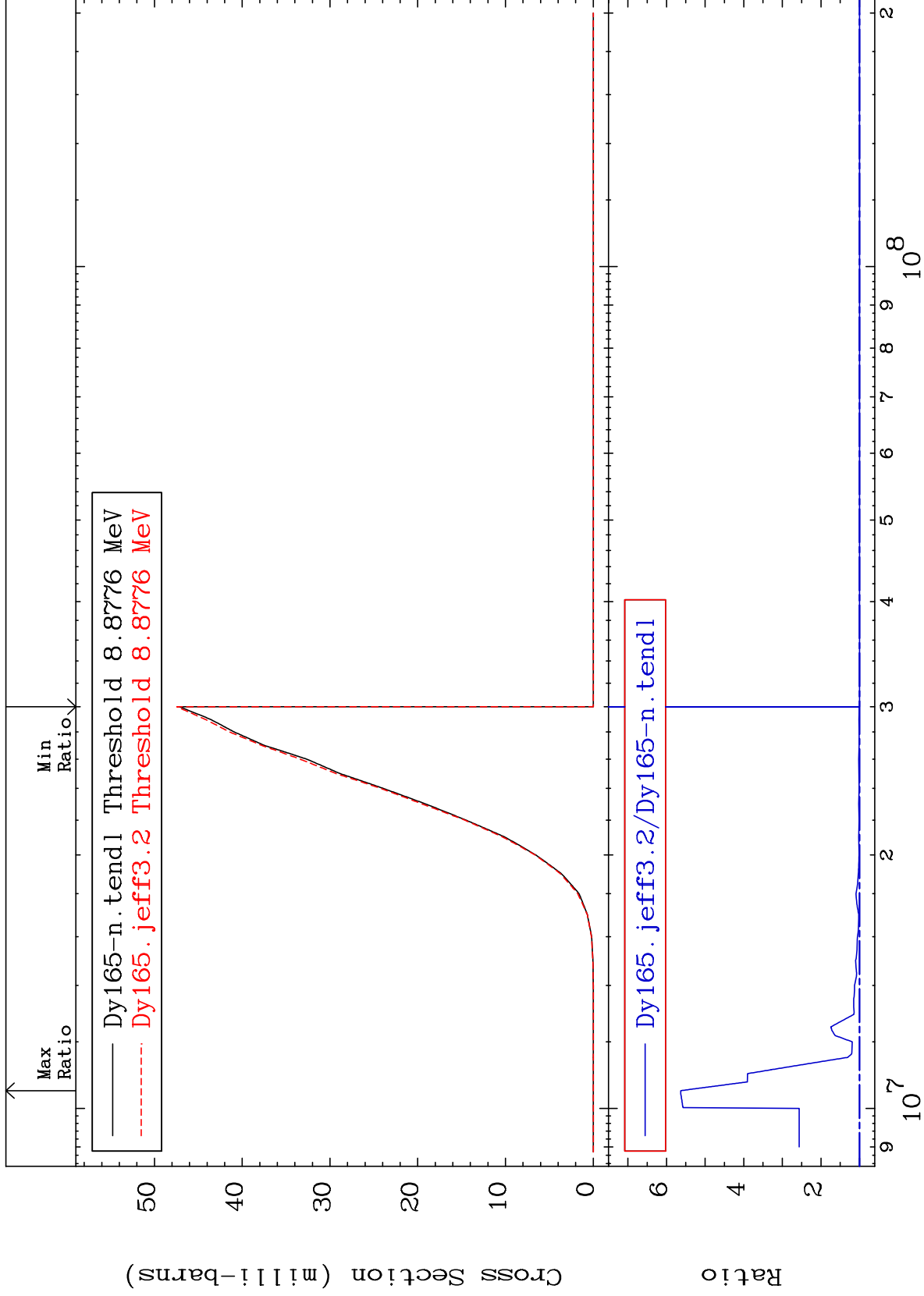
66-Dy-165  
-6.826 To 2.751 %



MAT 6652

(n, n') p  
Cross Section

66-Dy-165  
To 463.1 %  
0.000



10

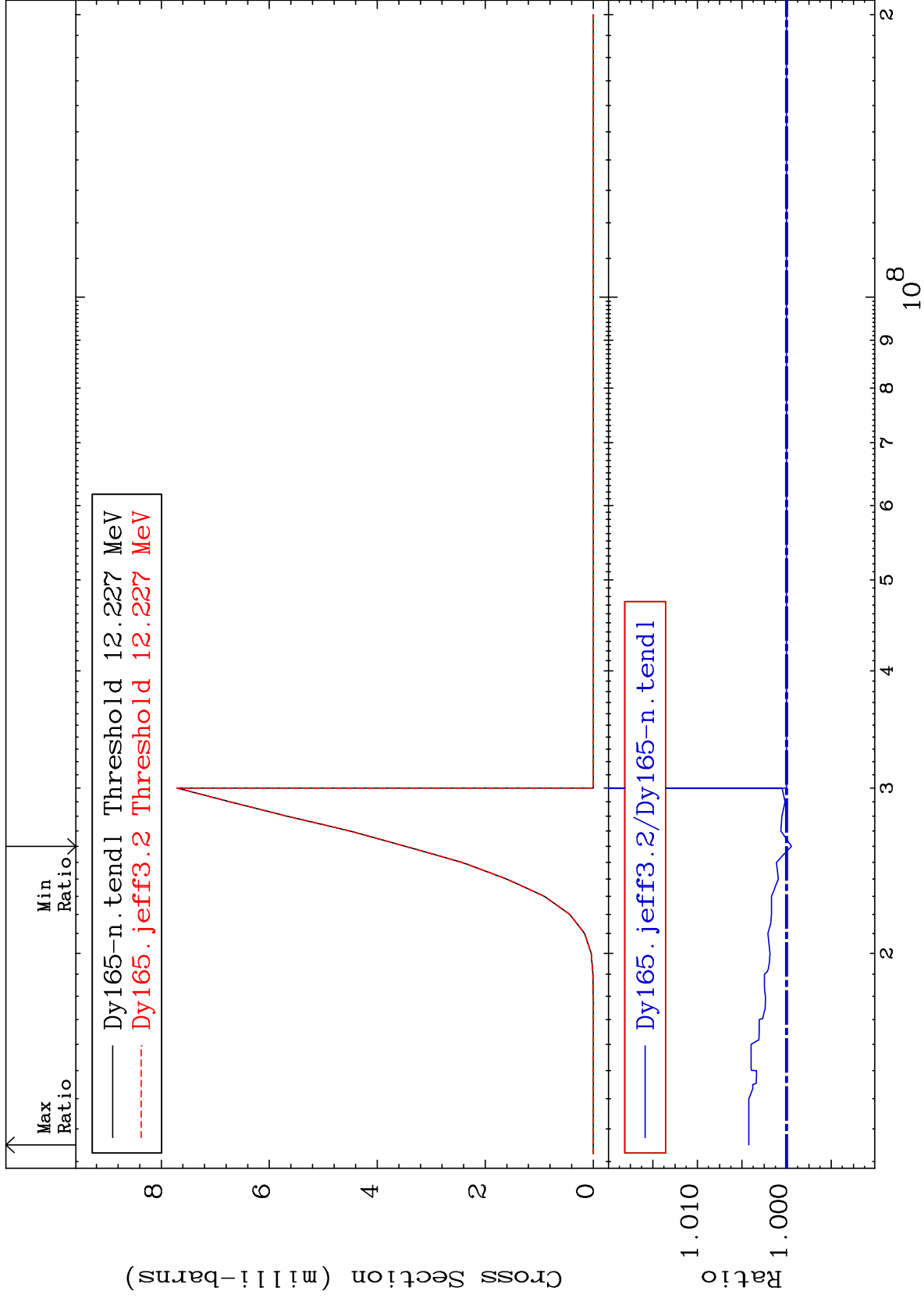
Incident Energy (eV)

66-Dy-165

MAT 6652

(n, n') d  
Cross Section

66-Dy-165  
-0.055 To 0.423 %



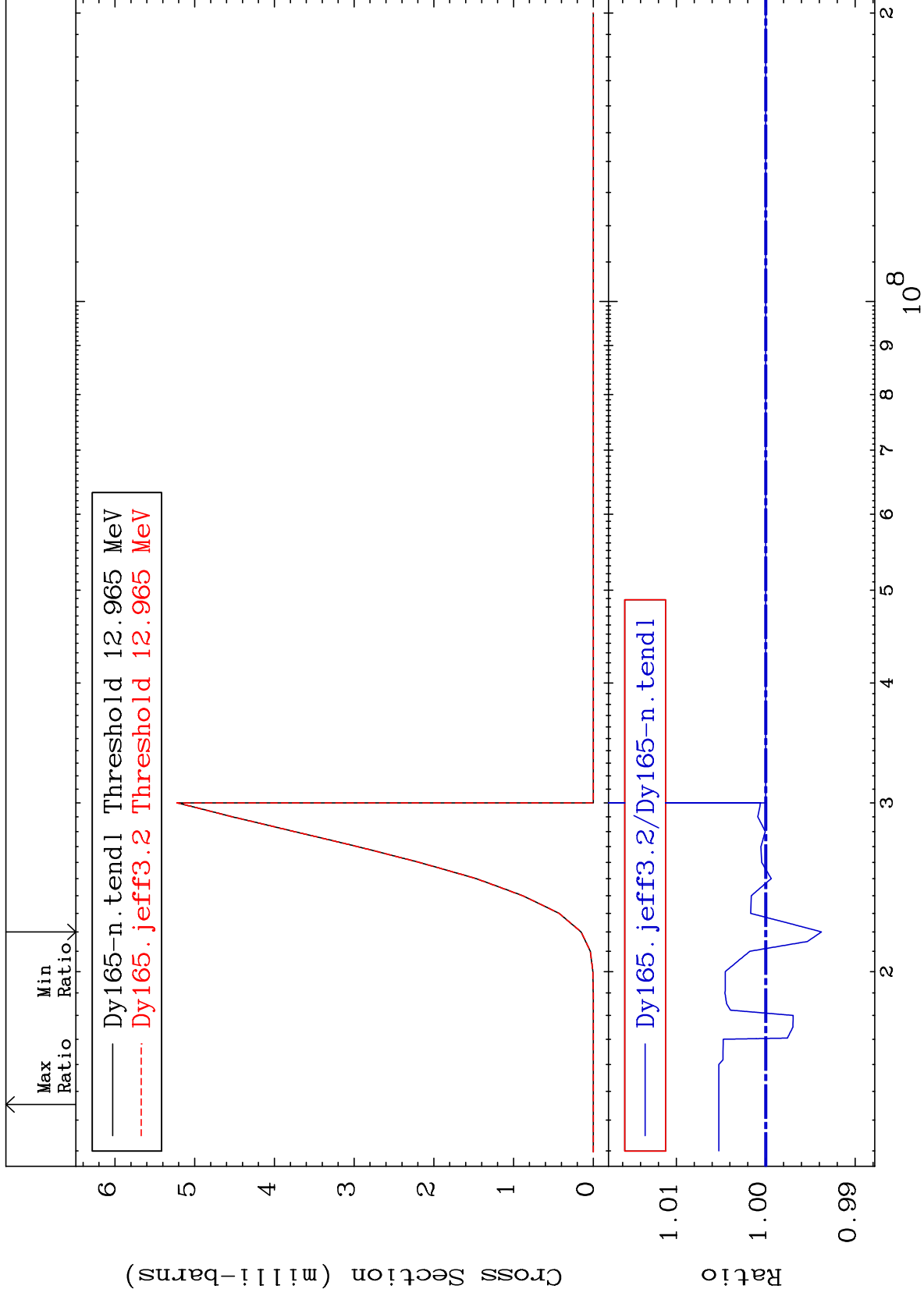
MAT 6652

(n,n') t

66-Dy-165

Cross Section

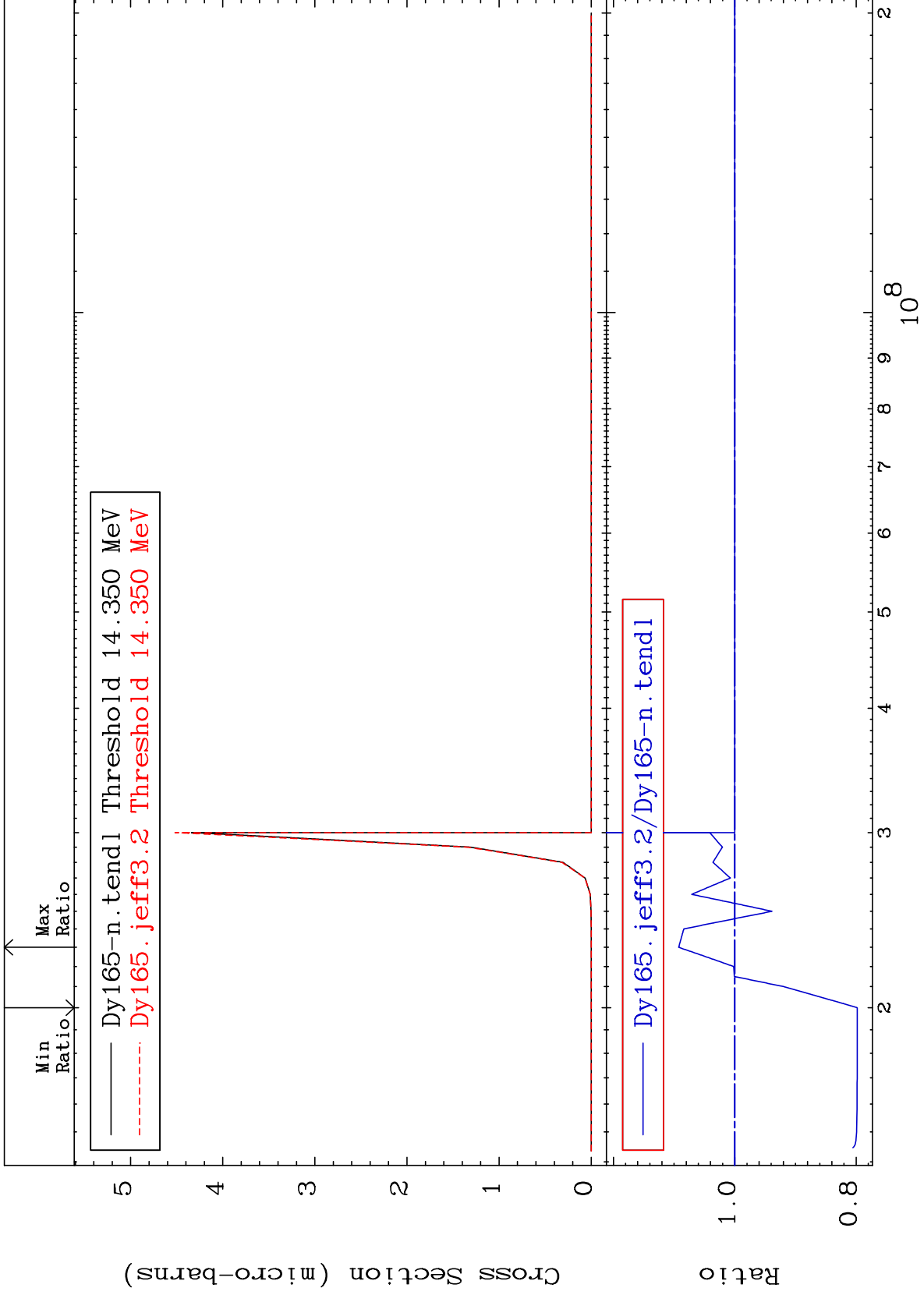
-0.623 To 0.524 %



MAT 6652

(n, n') He-3  
Cross Section

66-Dy-165  
-20.18 To 9.251 %

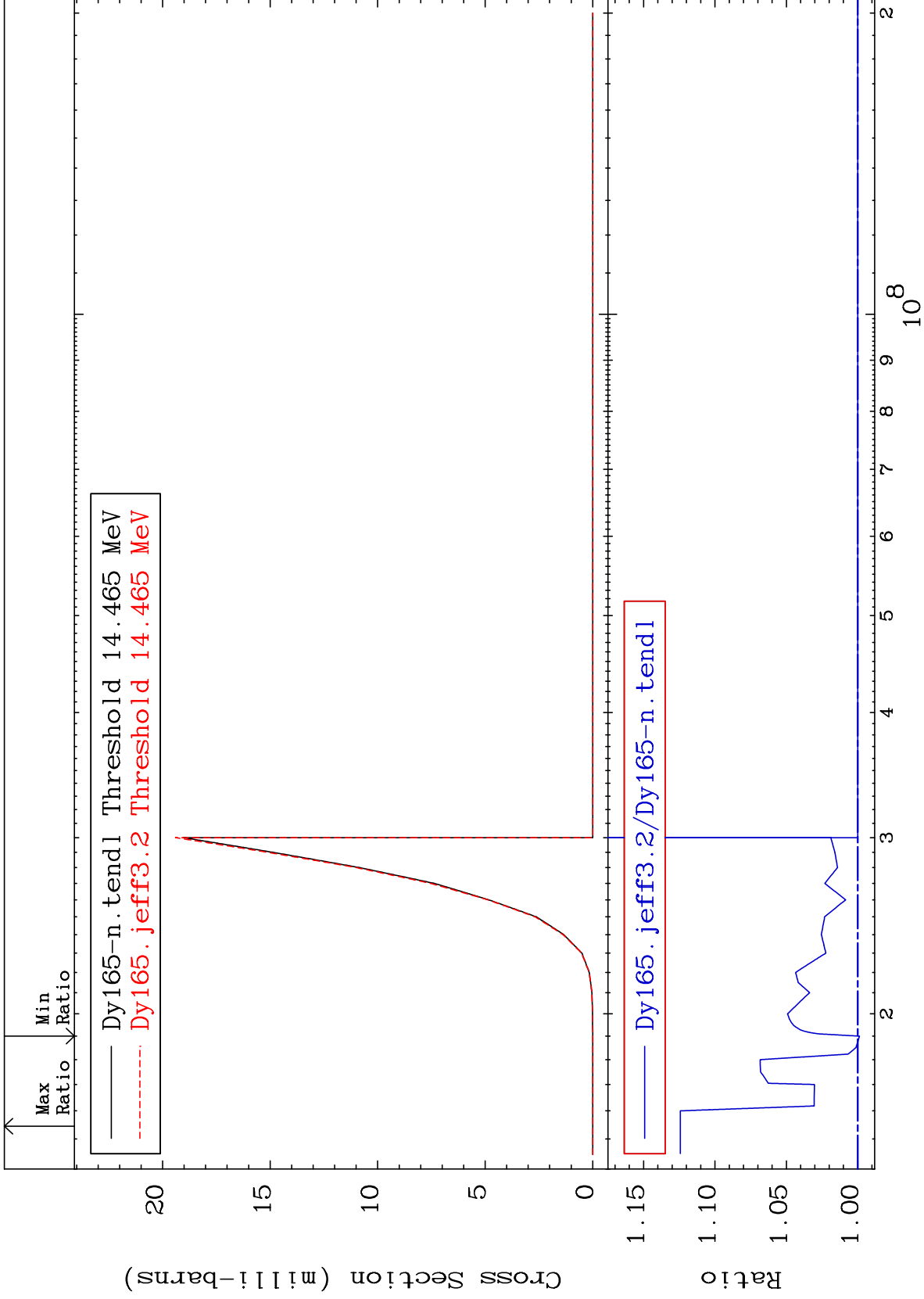




MAT 6652

(n,2n) p  
Cross Section

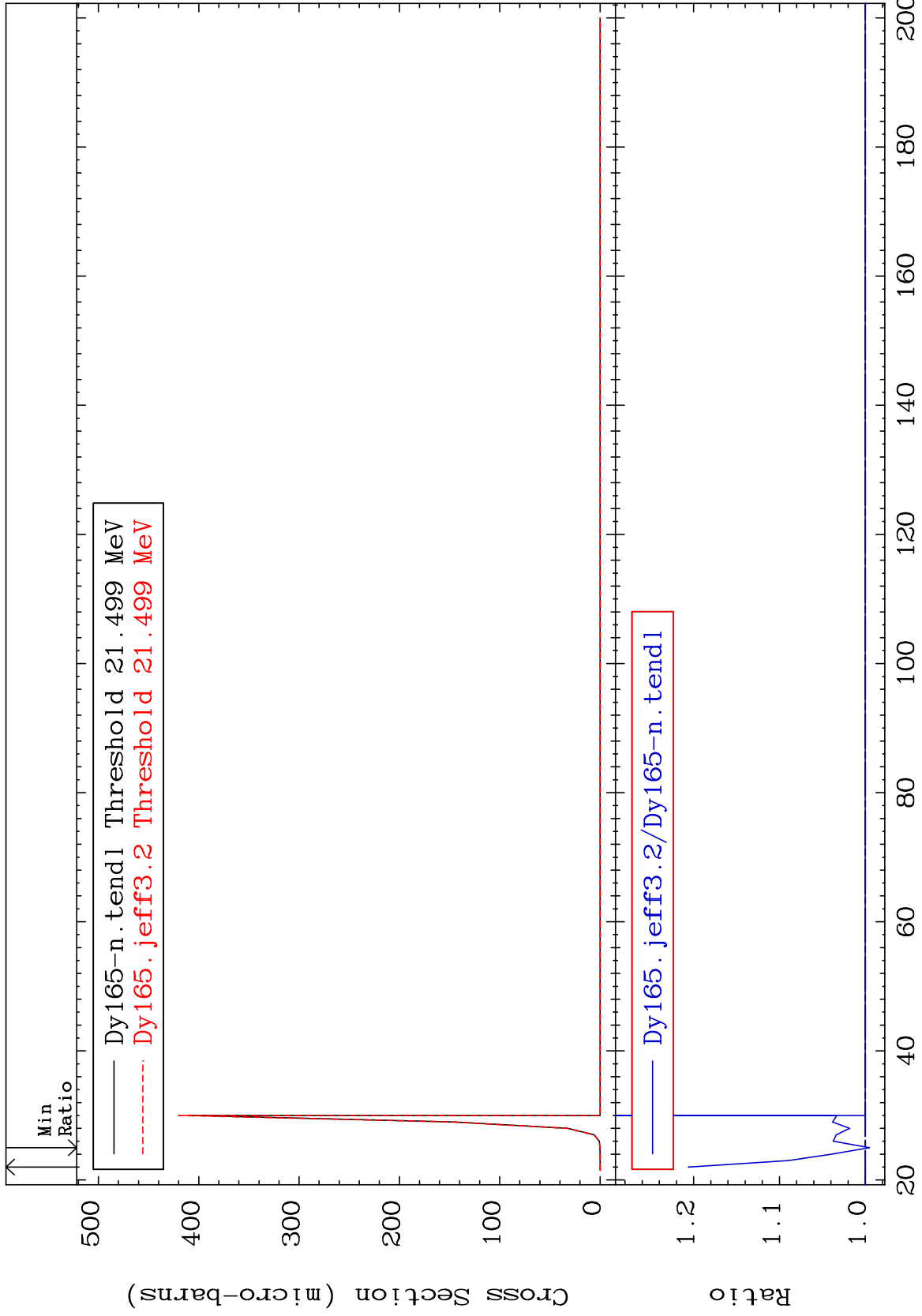
66-Dy-165  
-0.118 To 12.42 %



MAT 6652

(n,3n) p  
Cross Section

66-Dy-165  
-0.488 To 20.59 %



16

Incident Energy (MeV)

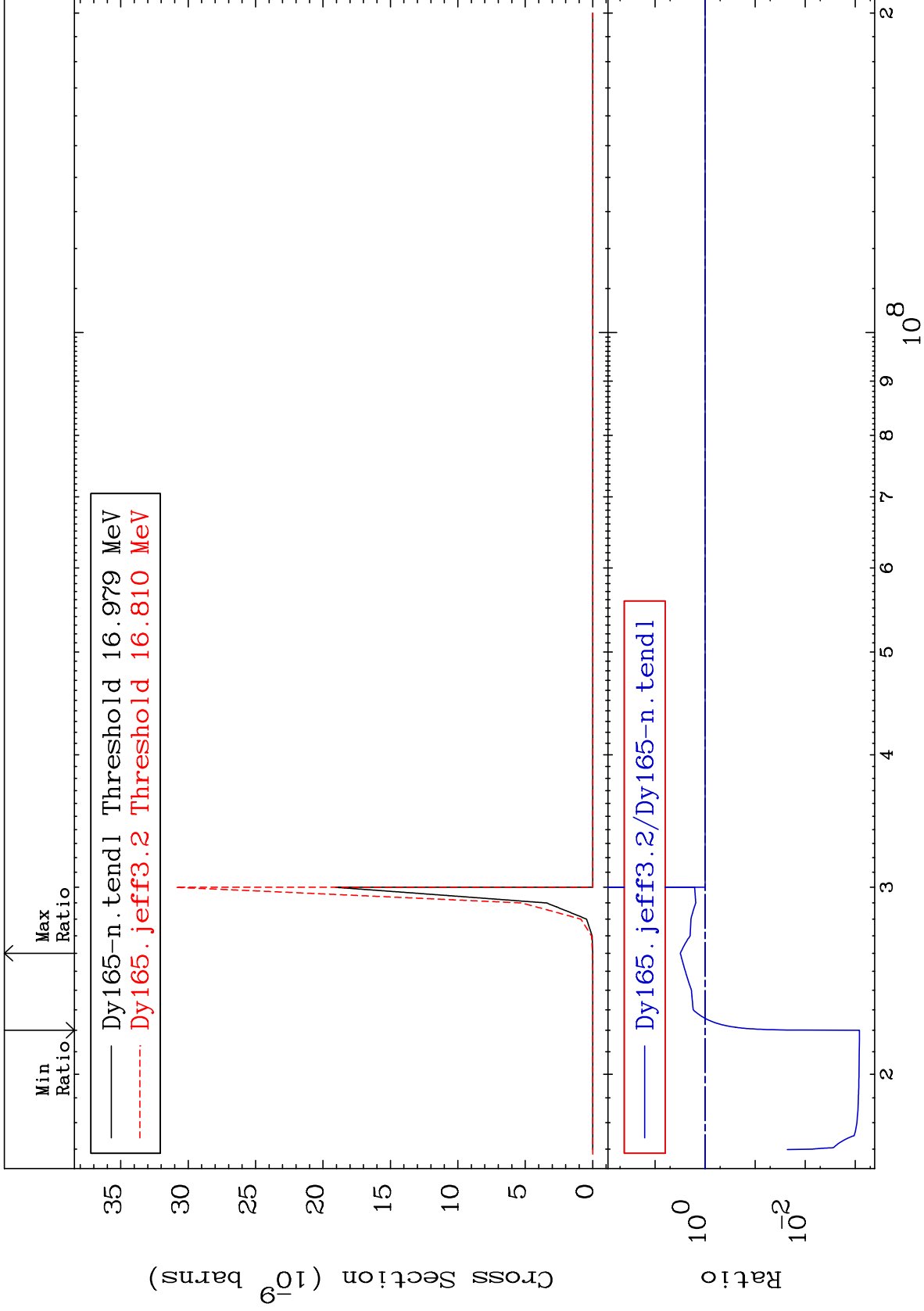
66-Dy-165



MAT 6652

(n,2n) p  
Cross Section

66-Dy-165  
-99.92 To 212.5 %



17

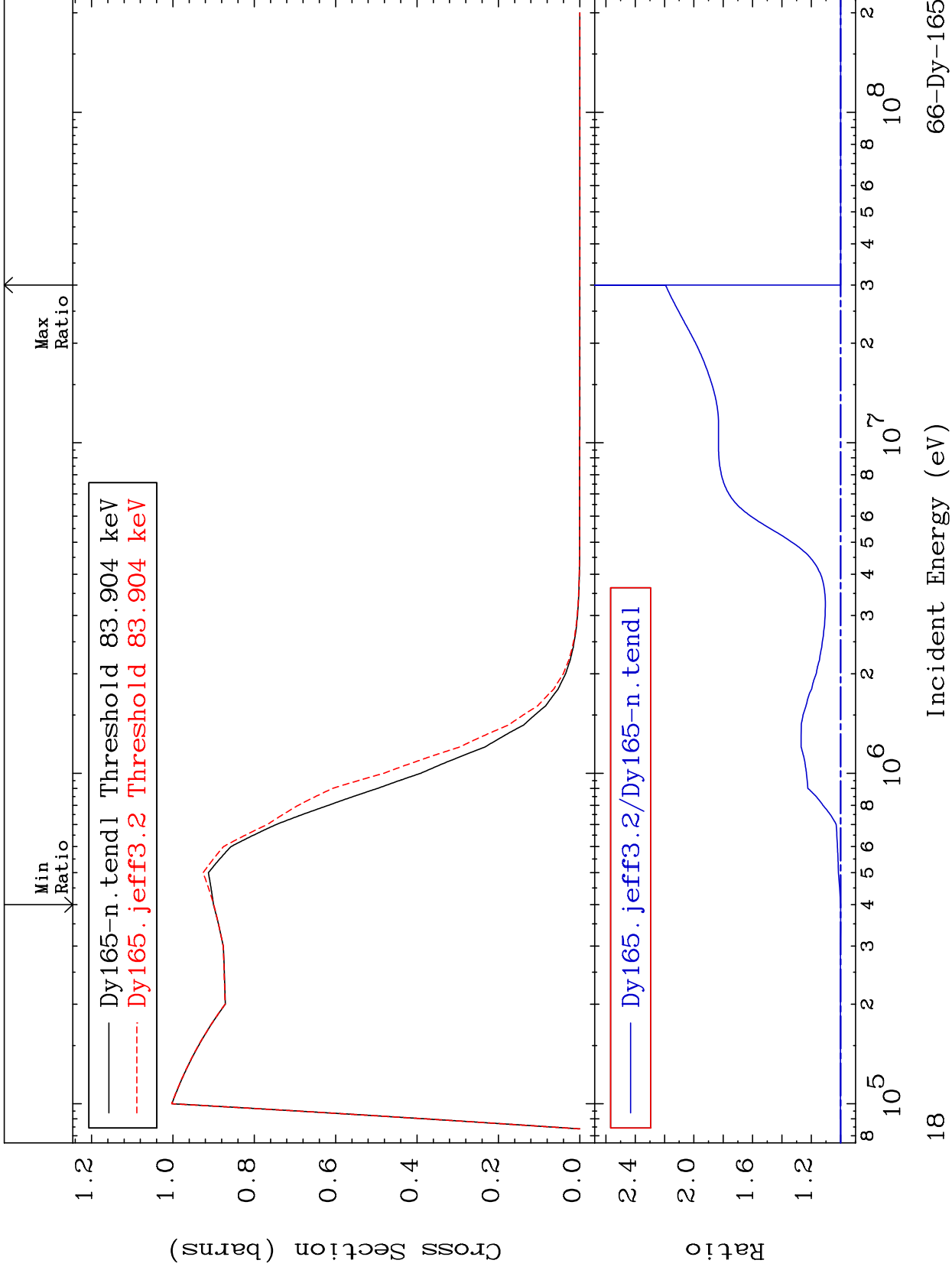
Incident Energy (eV)

66-Dy-165

MAT 6652

83.39 keV (n,n') Level  
Cross Section

66-Dy-165  
-0.059 To 119.4 %



18

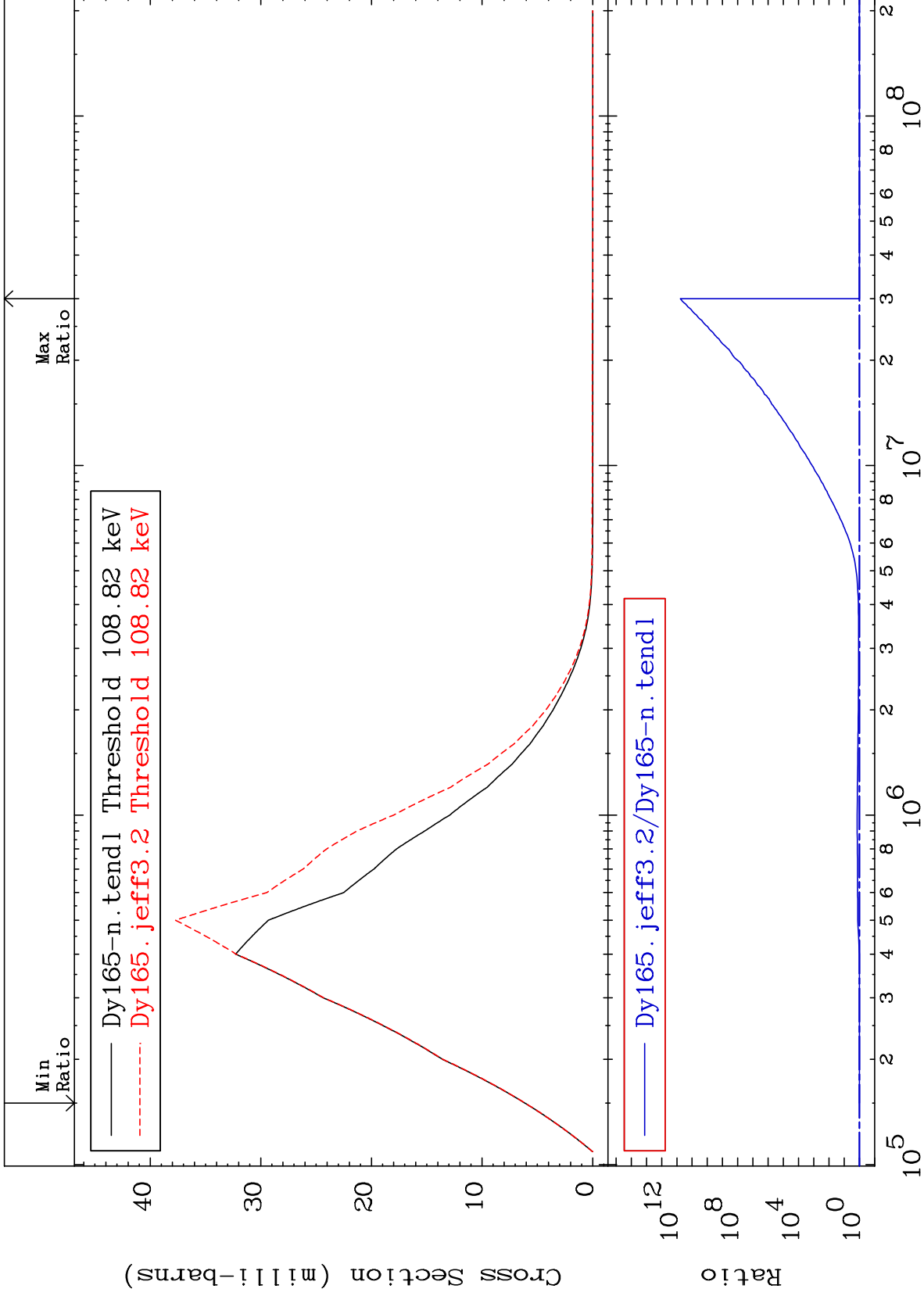
Incident Energy (eV)

66-Dy-165

MAT 6652

108.2 keV (n,n') Level  
Cross Section

66-Dy-165  
-0.365 To 9999. %



19

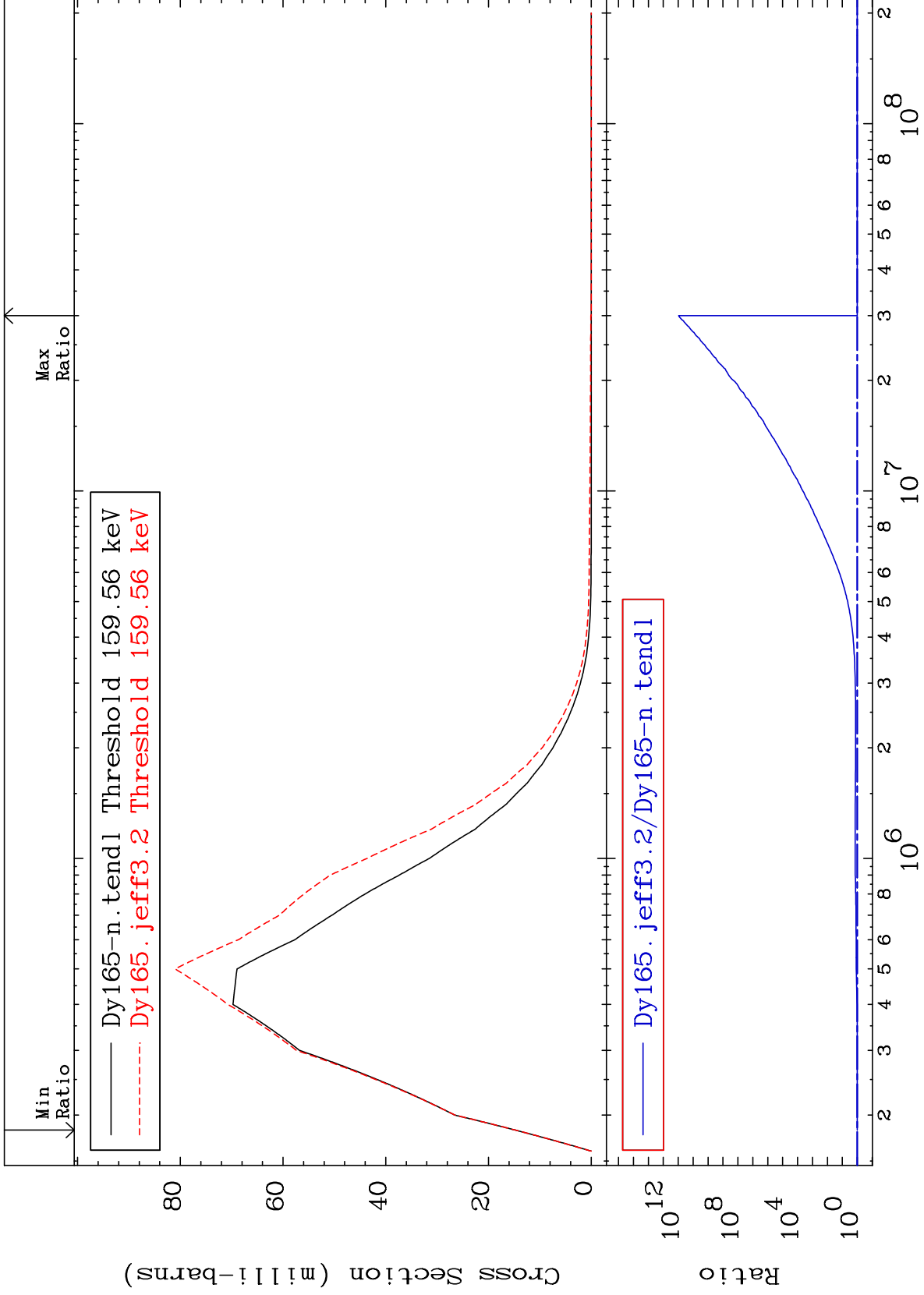
Incident Energy (eV)

66-Dy-165

MAT 6652

158.6 keV (n,n') Level  
Cross Section

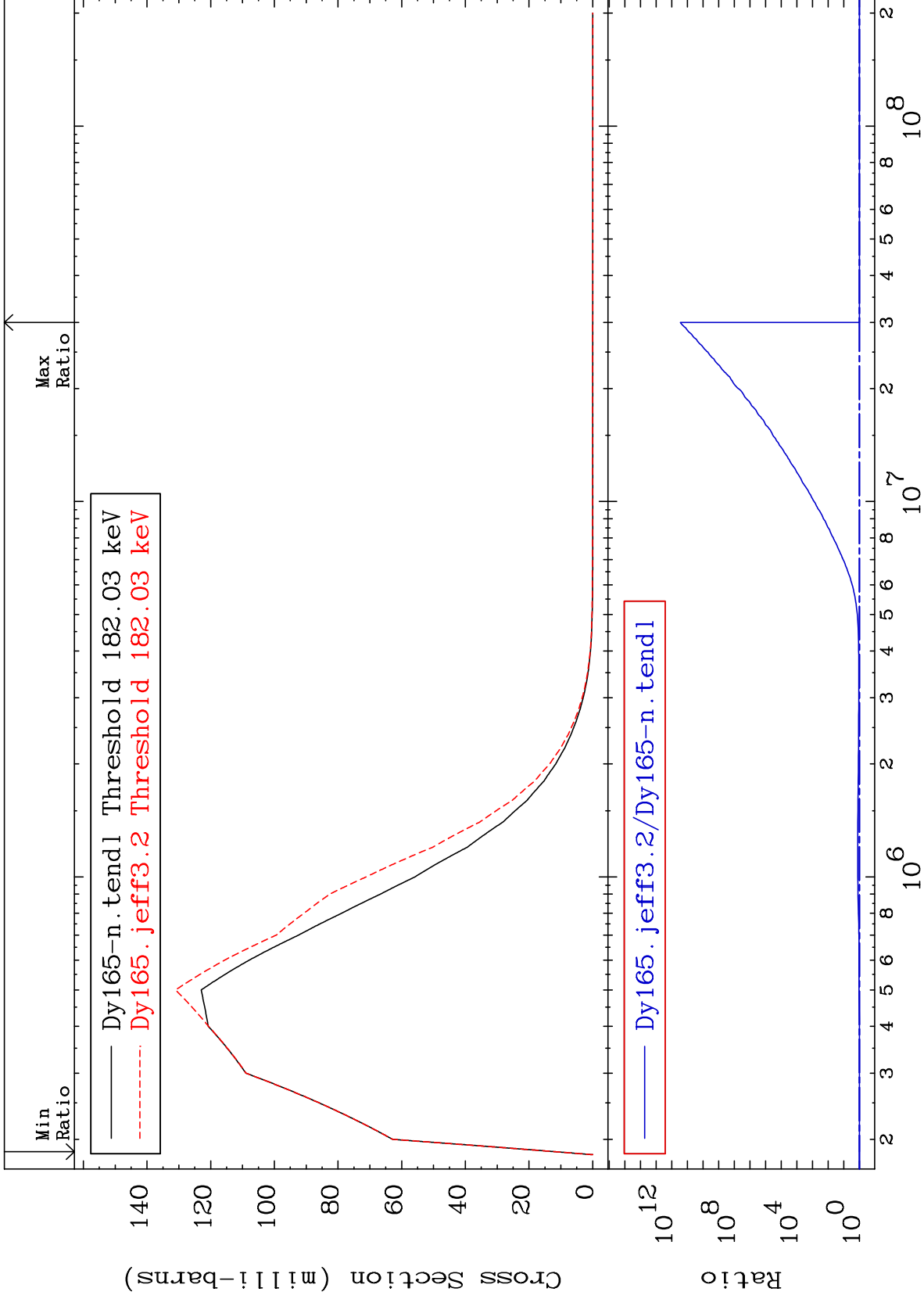
66-Dy-165  
-0.115 To 9999. %



MAT 6652

180.9 keV (n,n') Level  
Cross Section

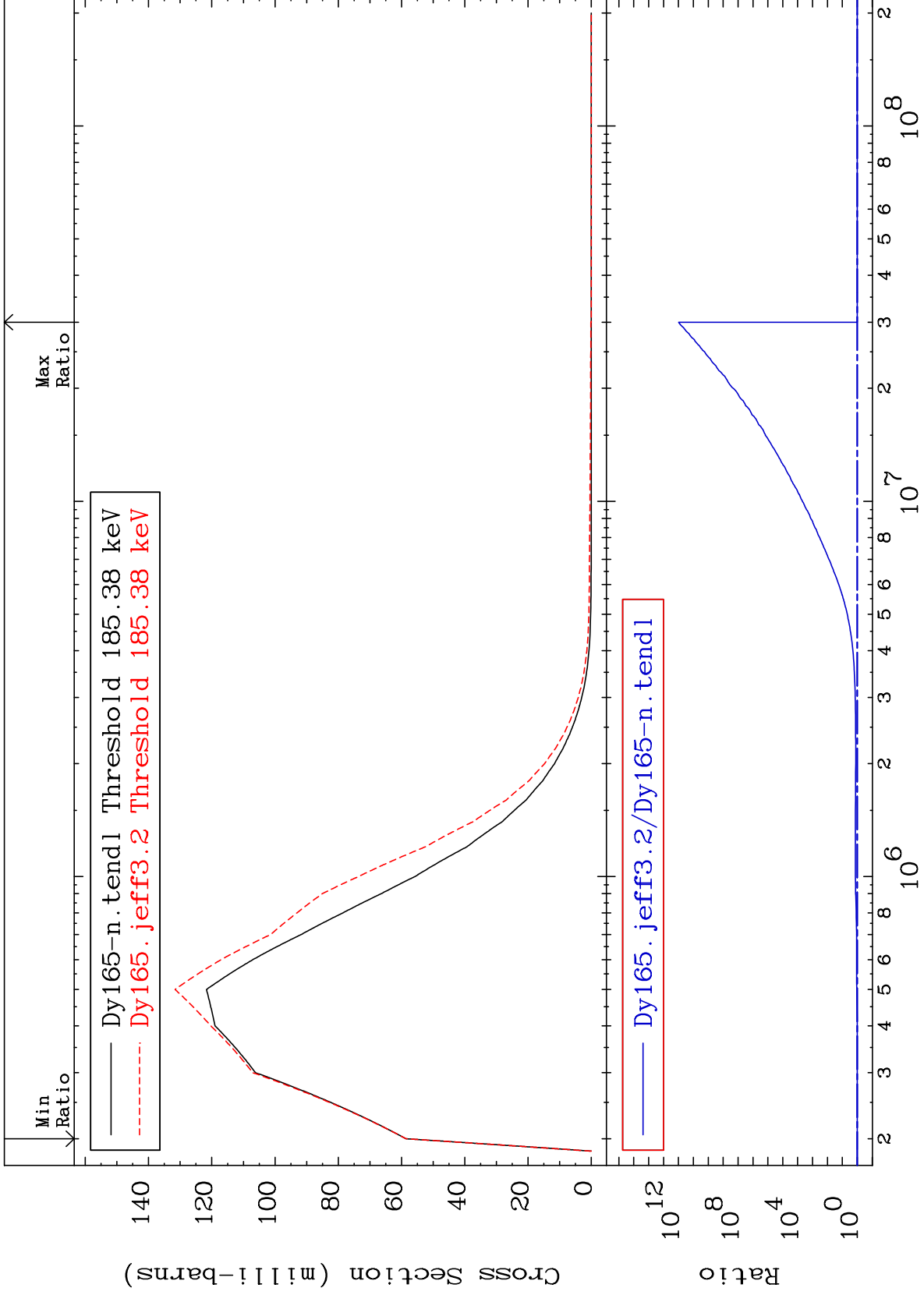
66-Dy-165  
-0.152 To 9999. %



MAT 6652

184.3 keV (n,n') Level  
Cross Section

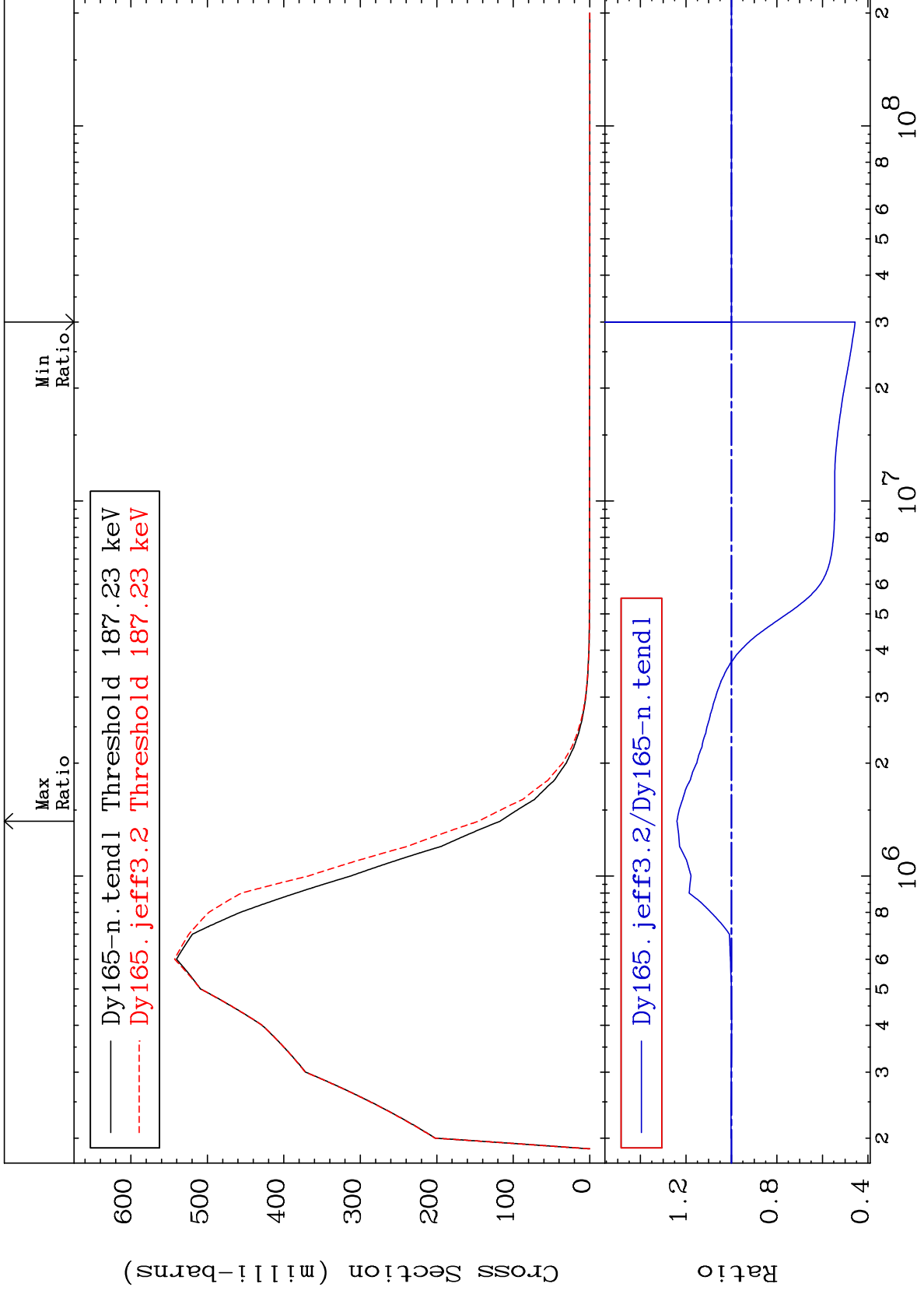
66-Dy-165  
-0.021 To 9999. %



MAT 6652

186.1 keV (n,n') Level  
Cross Section

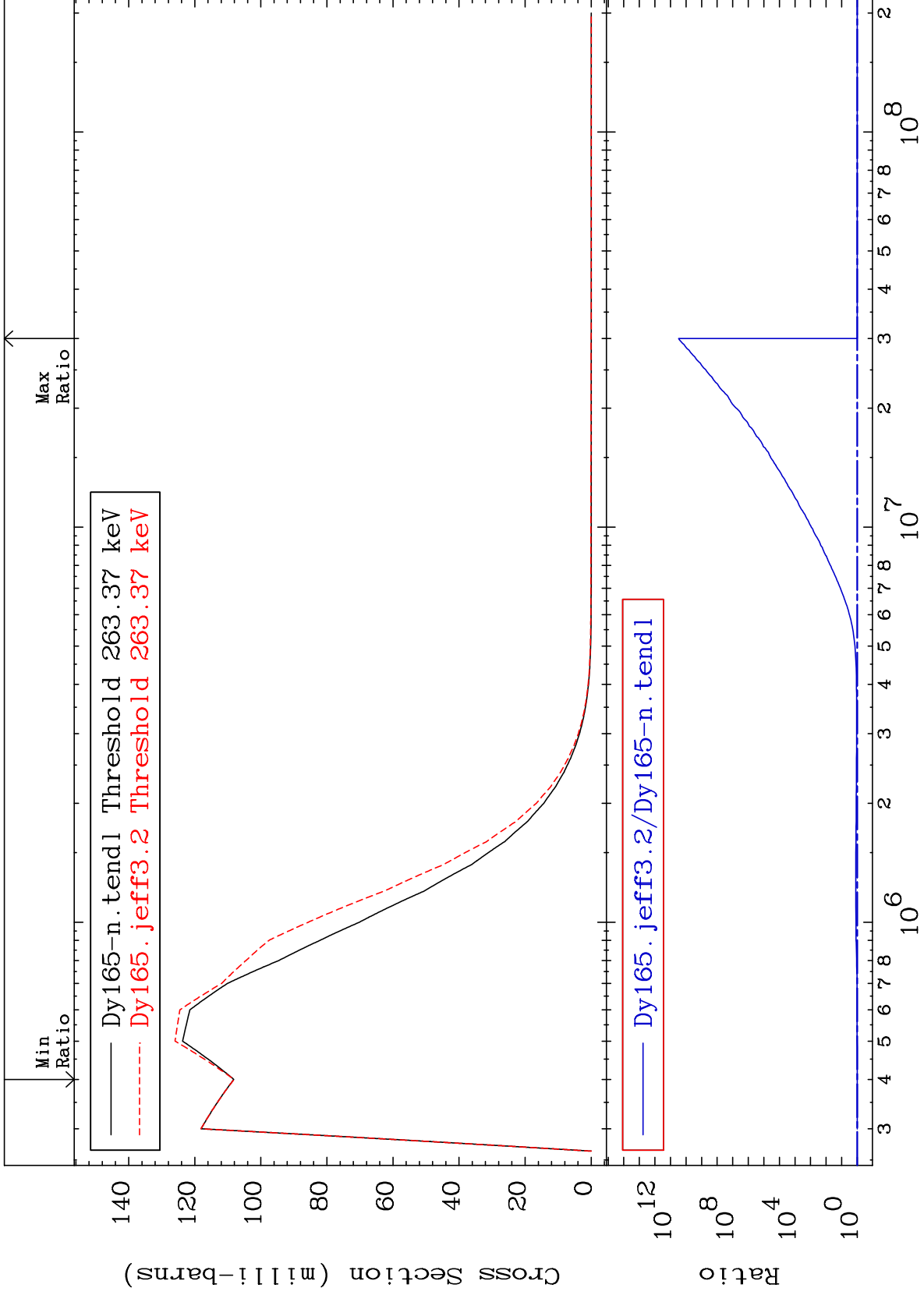
66-Dy-165  
-54.35 To 23.97 %



MAT 6652

261.8 keV (n,n') Level  
Cross Section

66-Dy-165  
-0.055 To 9999. %

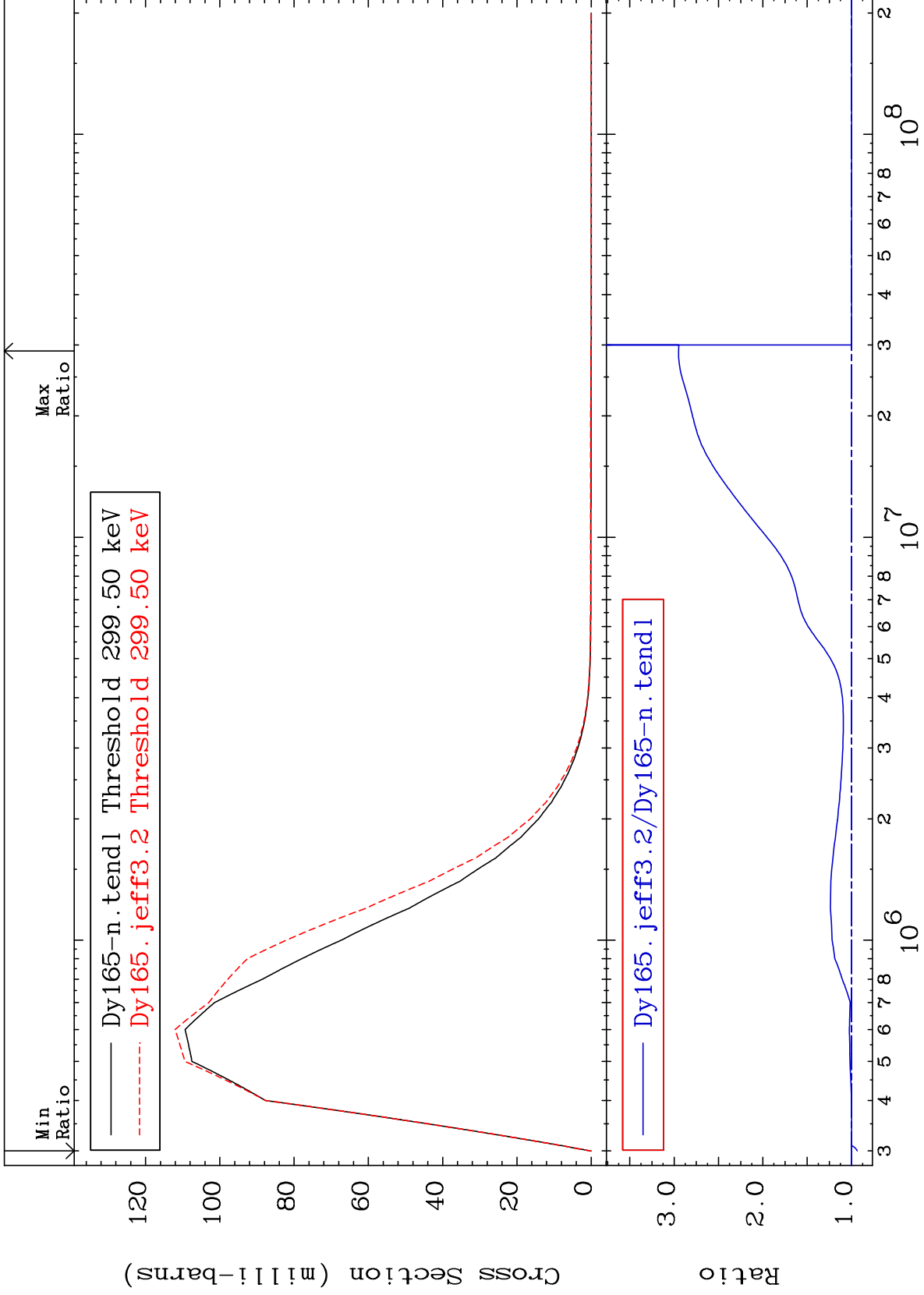




MAT 6652

297.7 keV (n,n') Level  
Cross Section

66-Dy-165  
-6.428 To 194.9 %



25

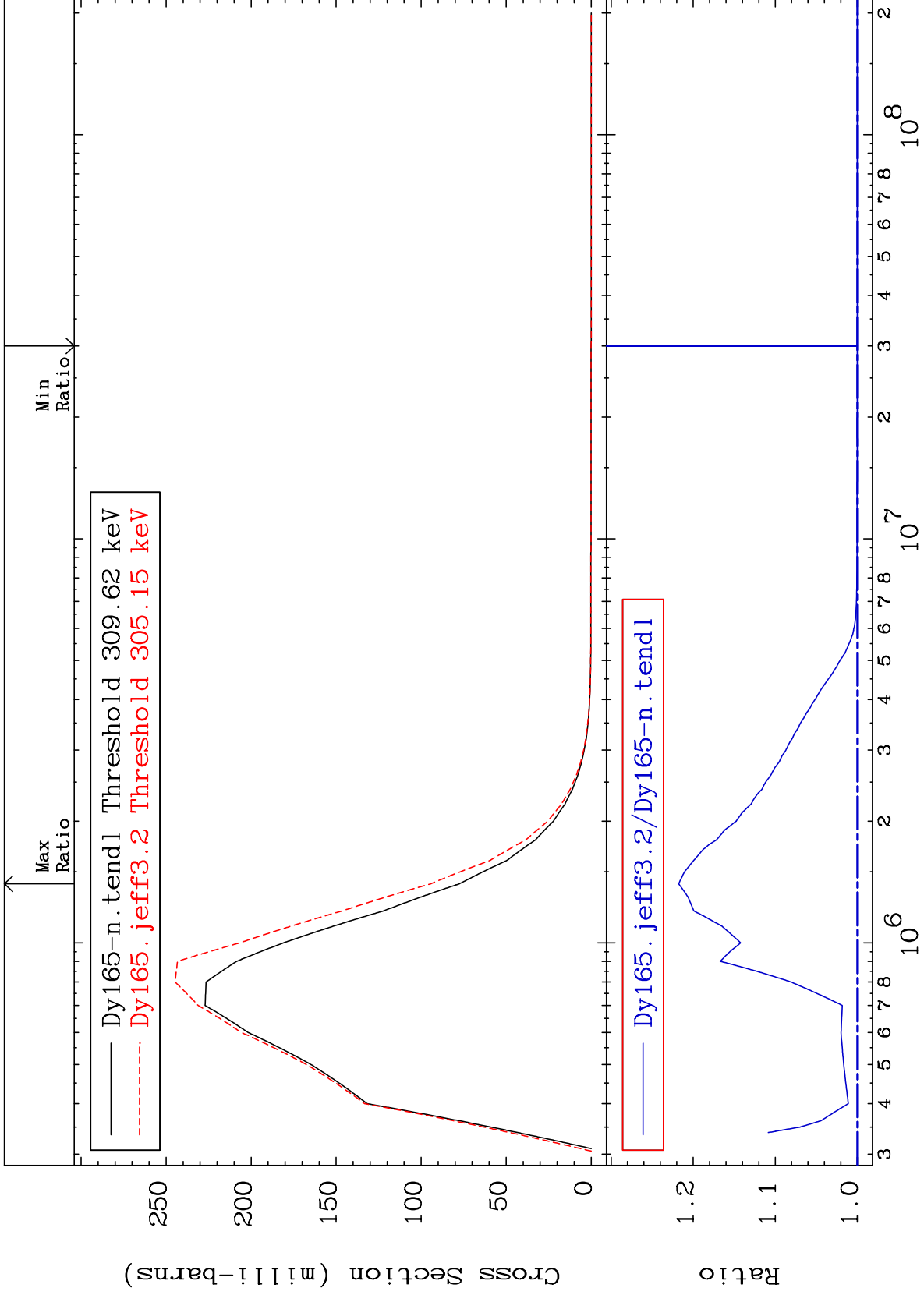
Incident Energy (eV)

66-Dy-165

MAT 6652

307.7 keV (n,n') Level  
Cross Section

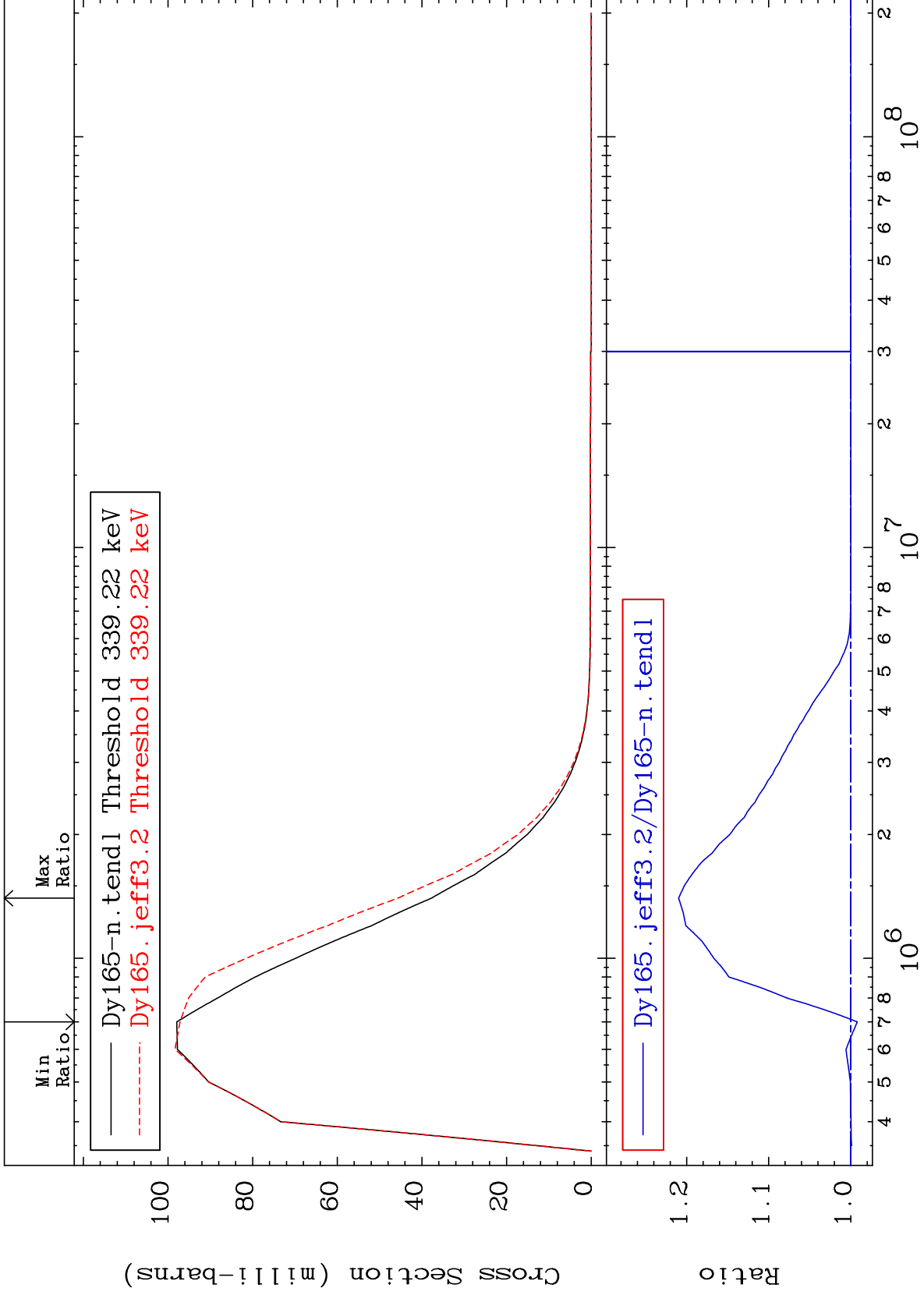
66-Dy-165  
To 21.77 %



MAT 6652

337.2 keV (n,n') Level  
Cross Section

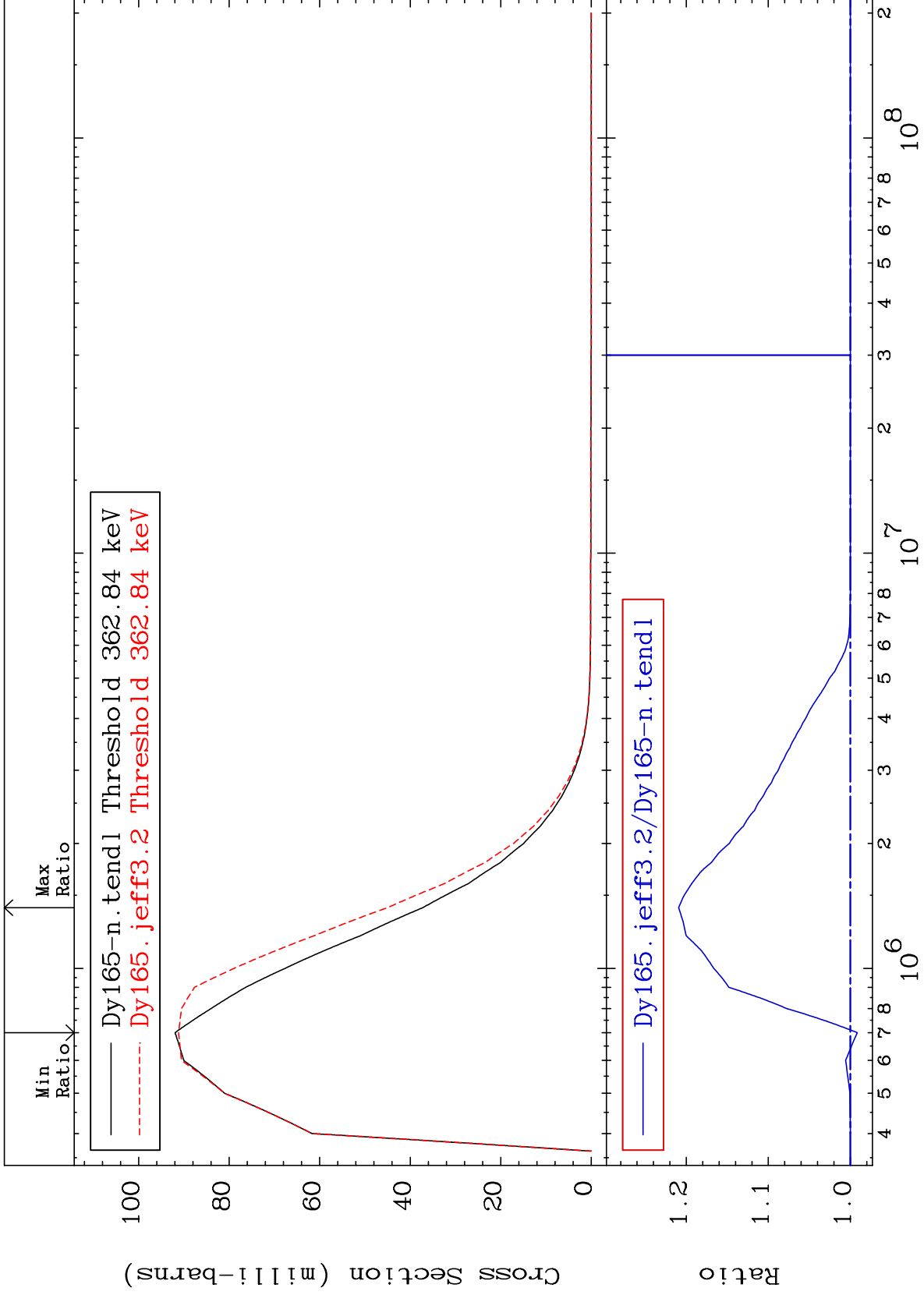
66-Dy-165  
-0.789 To 20.98 %



MAT 6652

360.6 keV (n,n') Level  
Cross Section

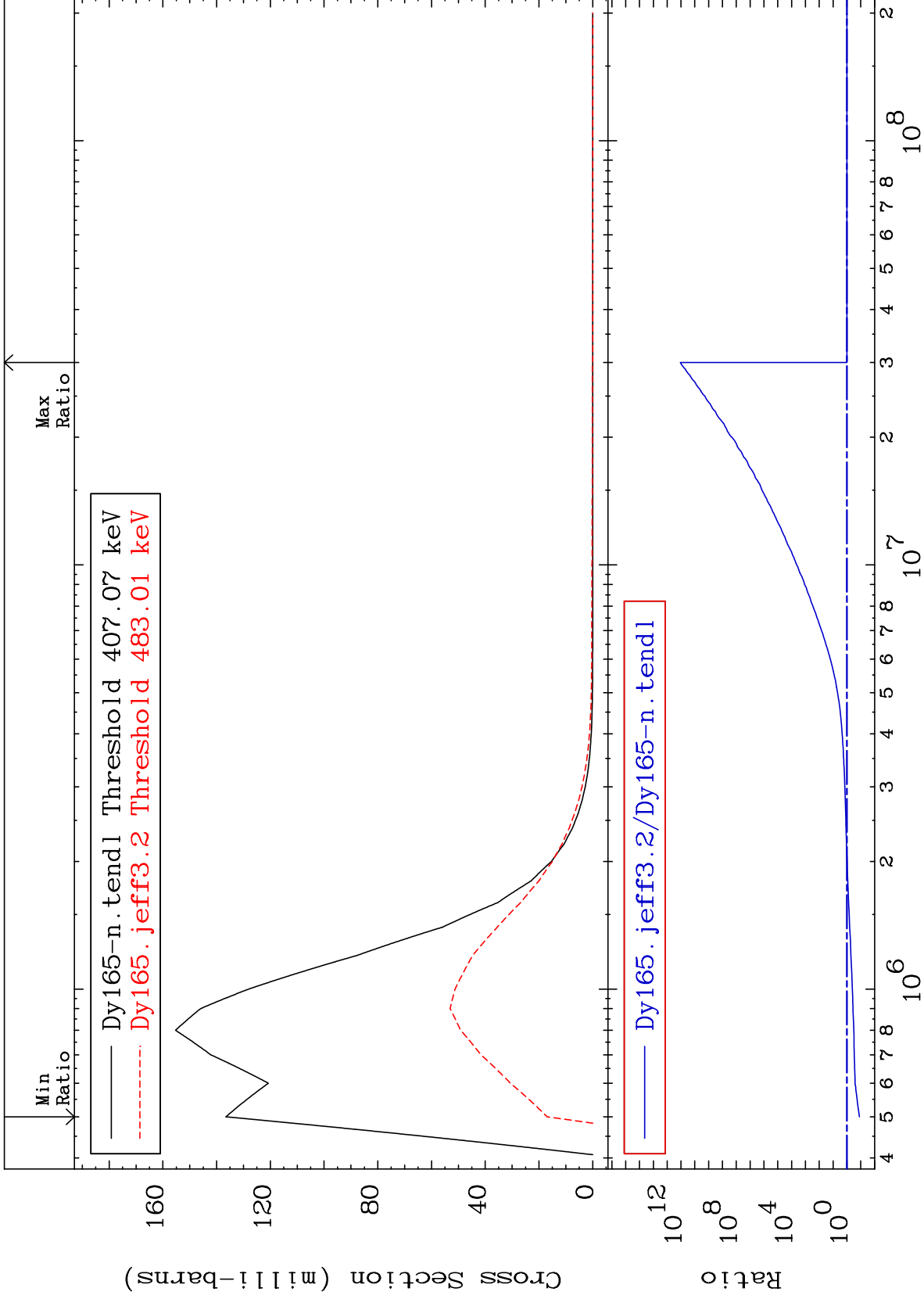
66-Dy-165  
-0.841 To 20.93 %



MAT 6652

404.6 keV (n,n') Level  
Cross Section

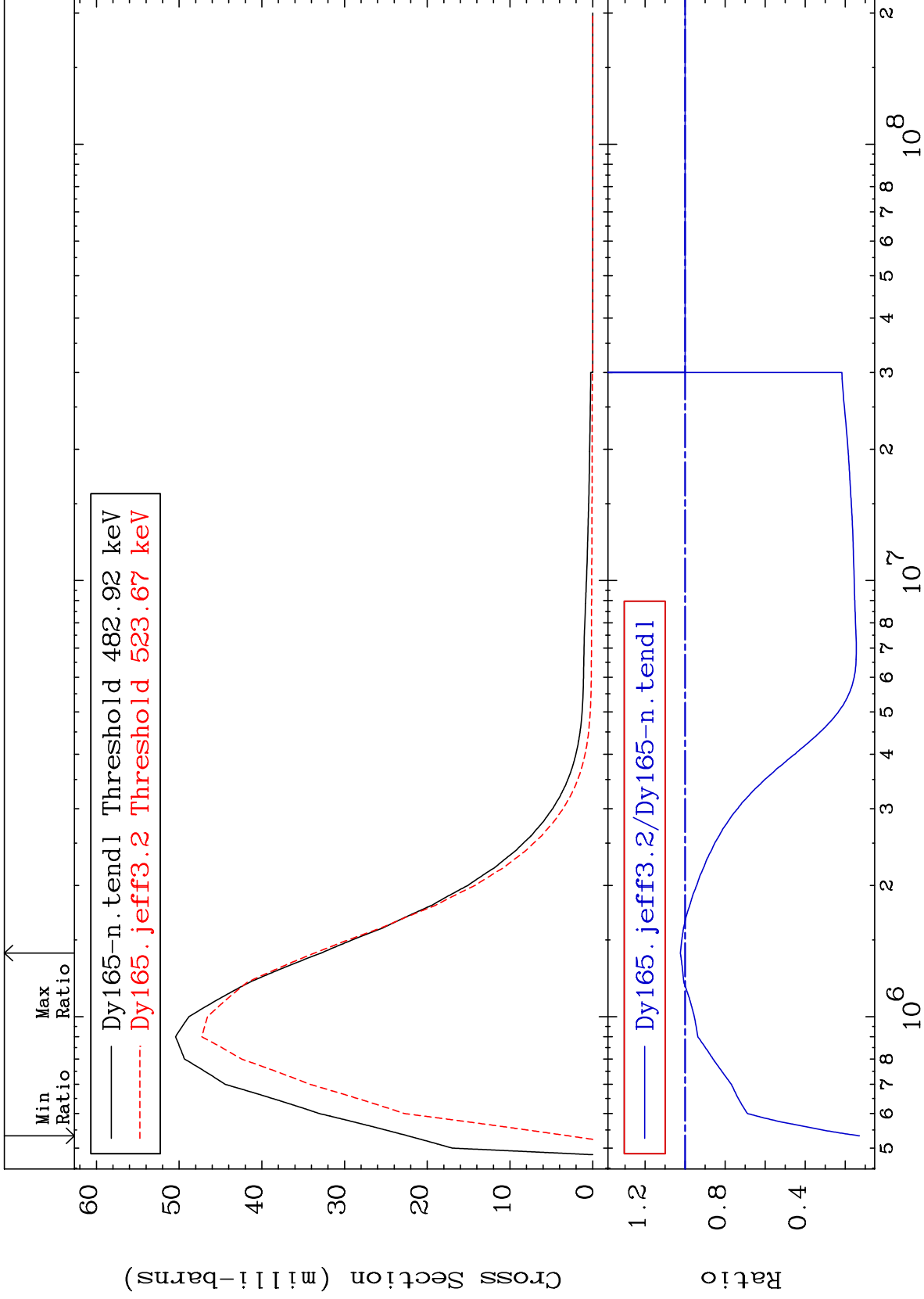
66-Dy-165  
-87.58 To 9999. %



MAT 6652

480.0 keV (n,n') Level  
Cross Section

66-Dy-165  
-87.05 To 2.391 %



30

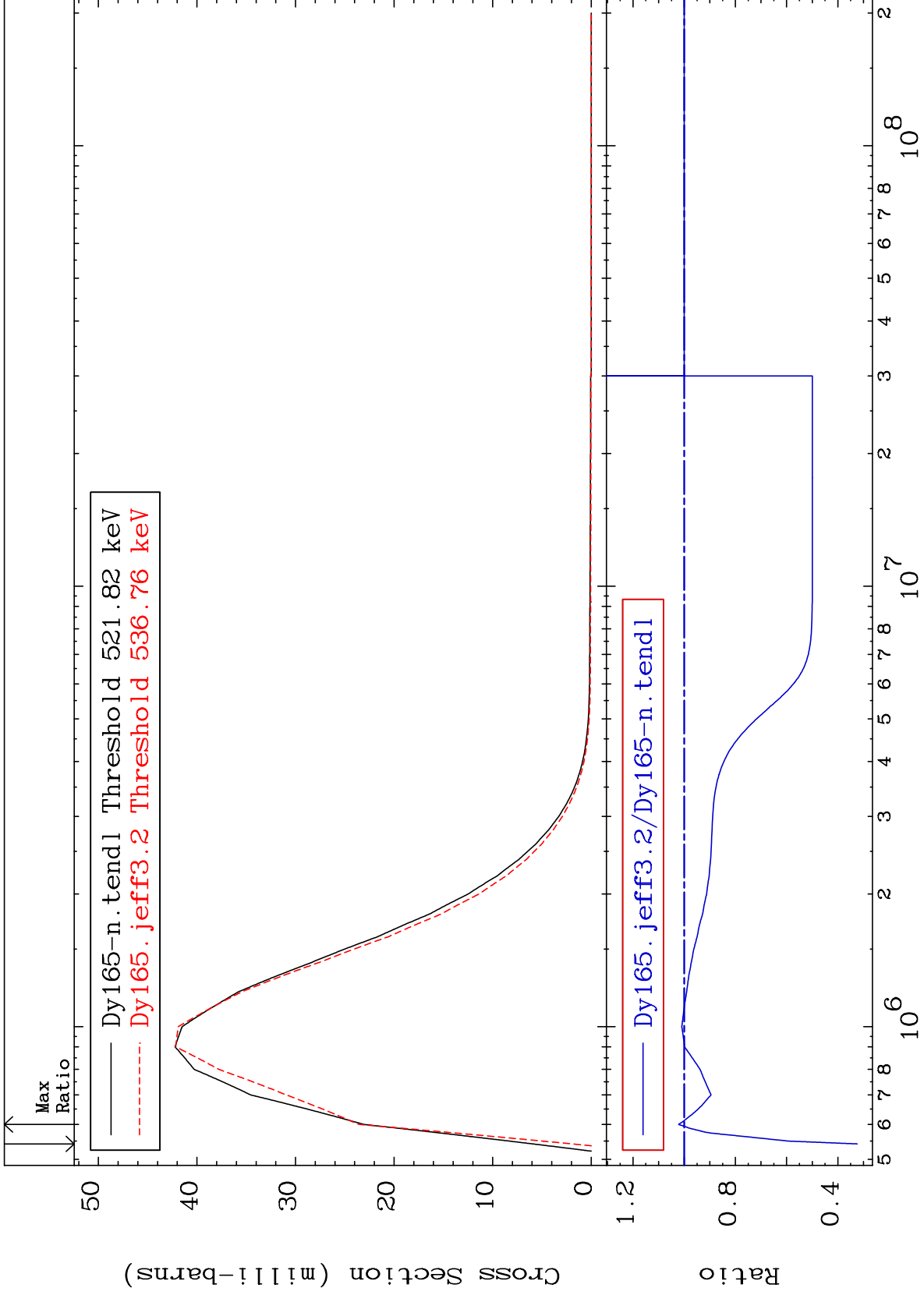
Incident Energy (eV)

66-Dy-165

MAT 6652

518.7 keV (n,n') Level  
Cross Section

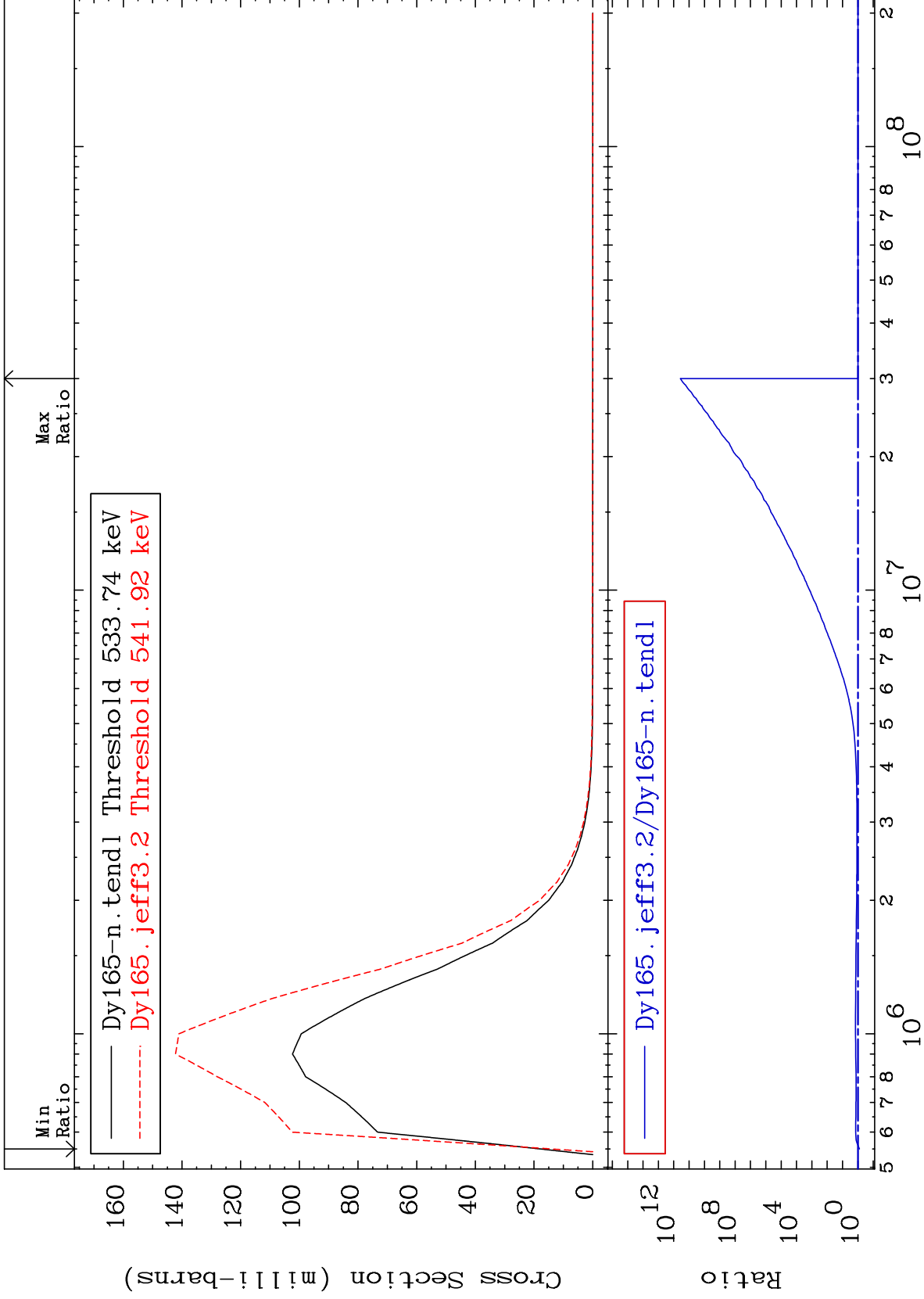
66-Dy-165  
-67.58 To 2.181 %



MAT 6652

530.5 keV (n,n') Level  
Cross Section

66-Dy-165  
-20.84 To 9999. %

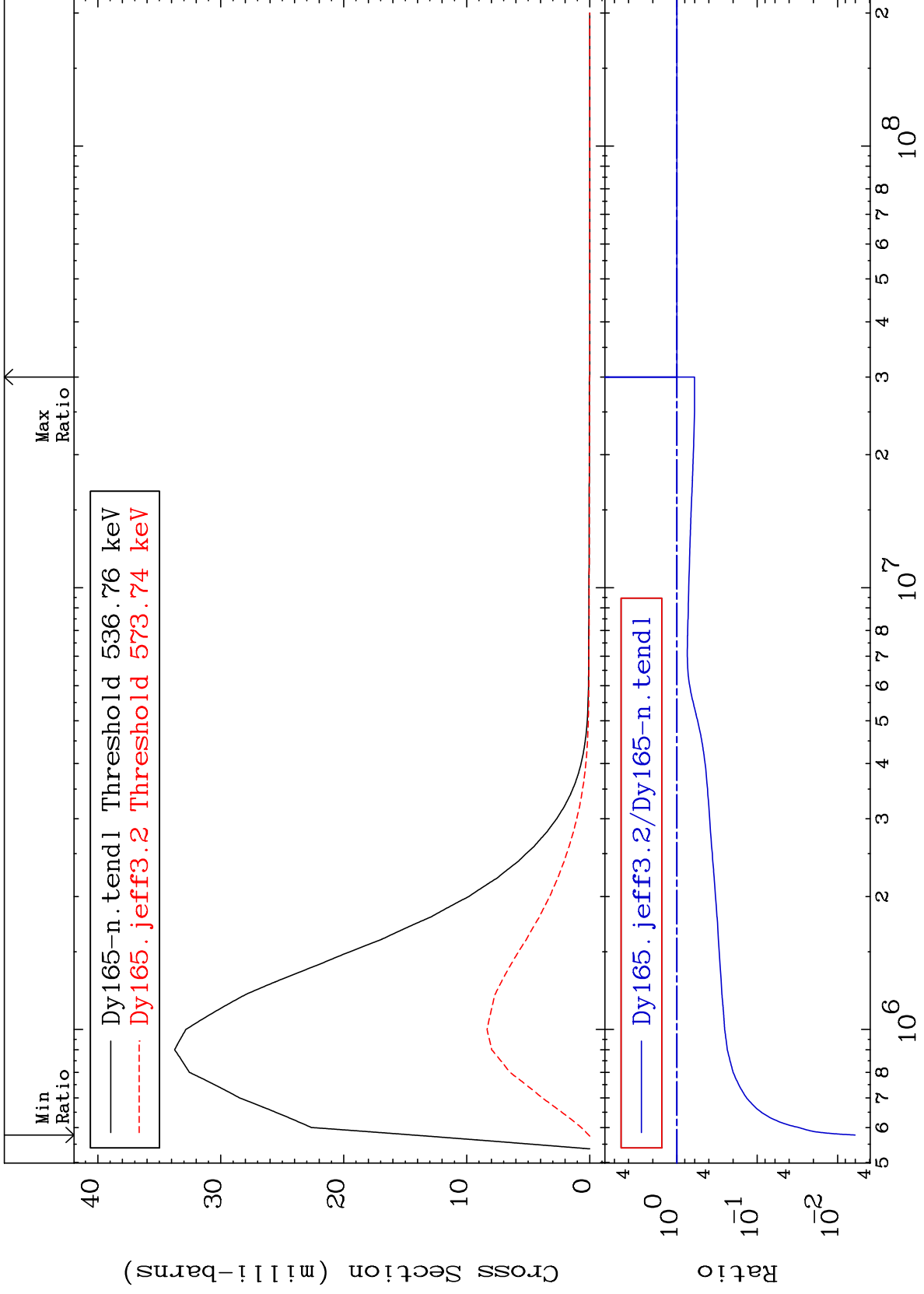




MAT 6652

533.5 keV (n,n') Level  
Cross Section

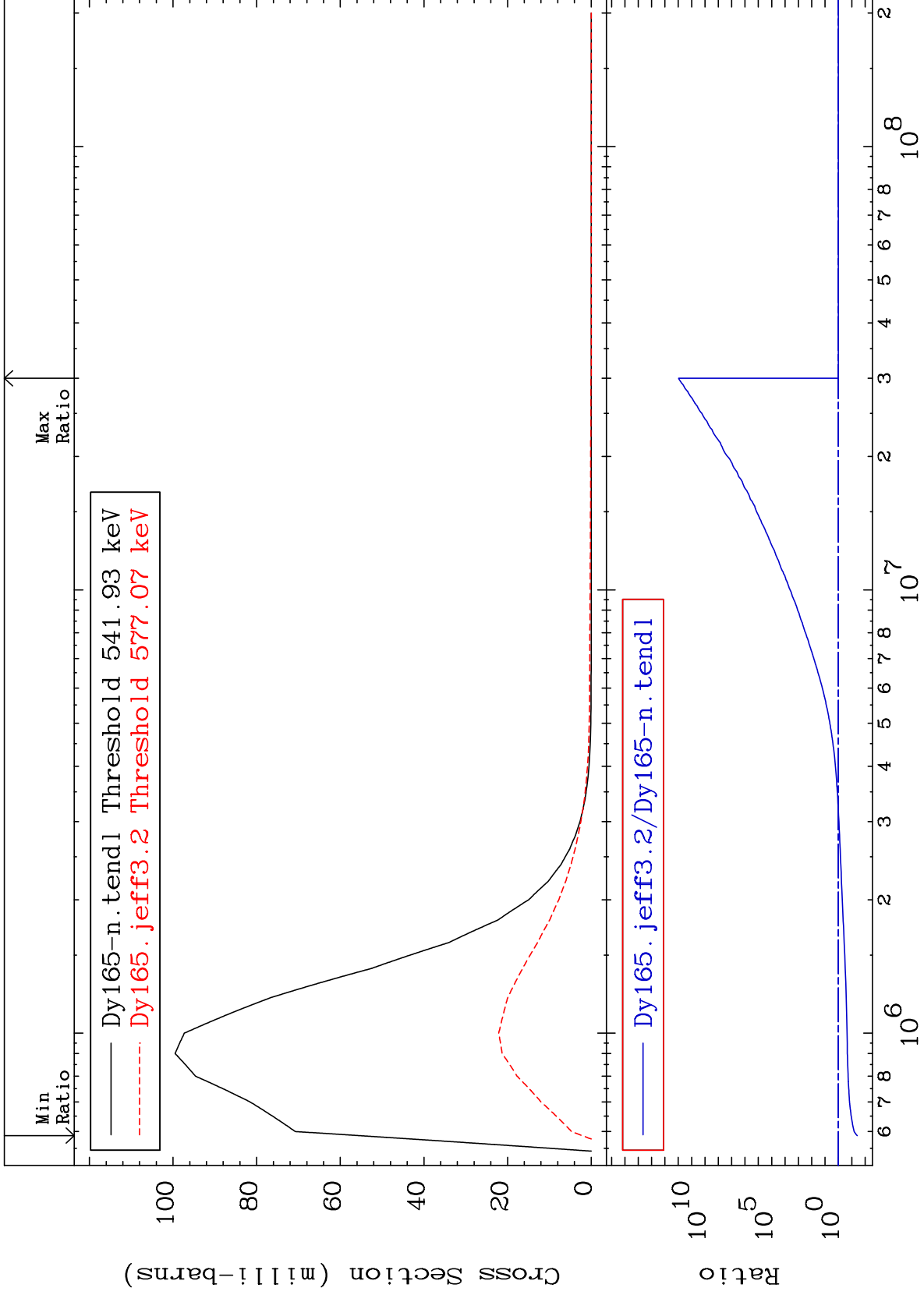
66-Dy-165  
-99.39 To 0.000 %



MAT 6652

538.6 keV (n,n') Level  
Cross Section

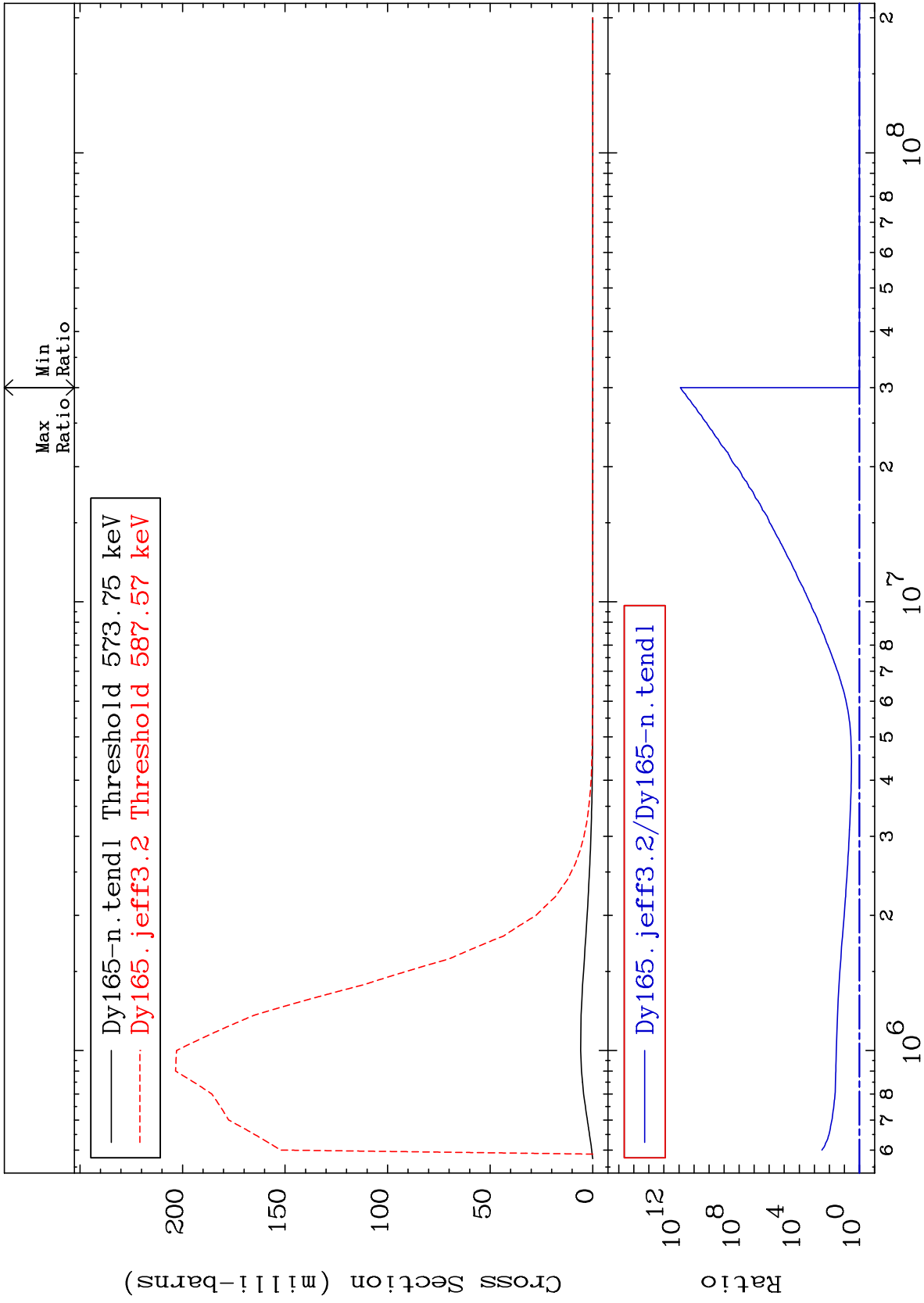
66-Dy-165  
-96.13 To 9999. %



MAT 6652

570.3 keV (n,n') Level  
Cross Section

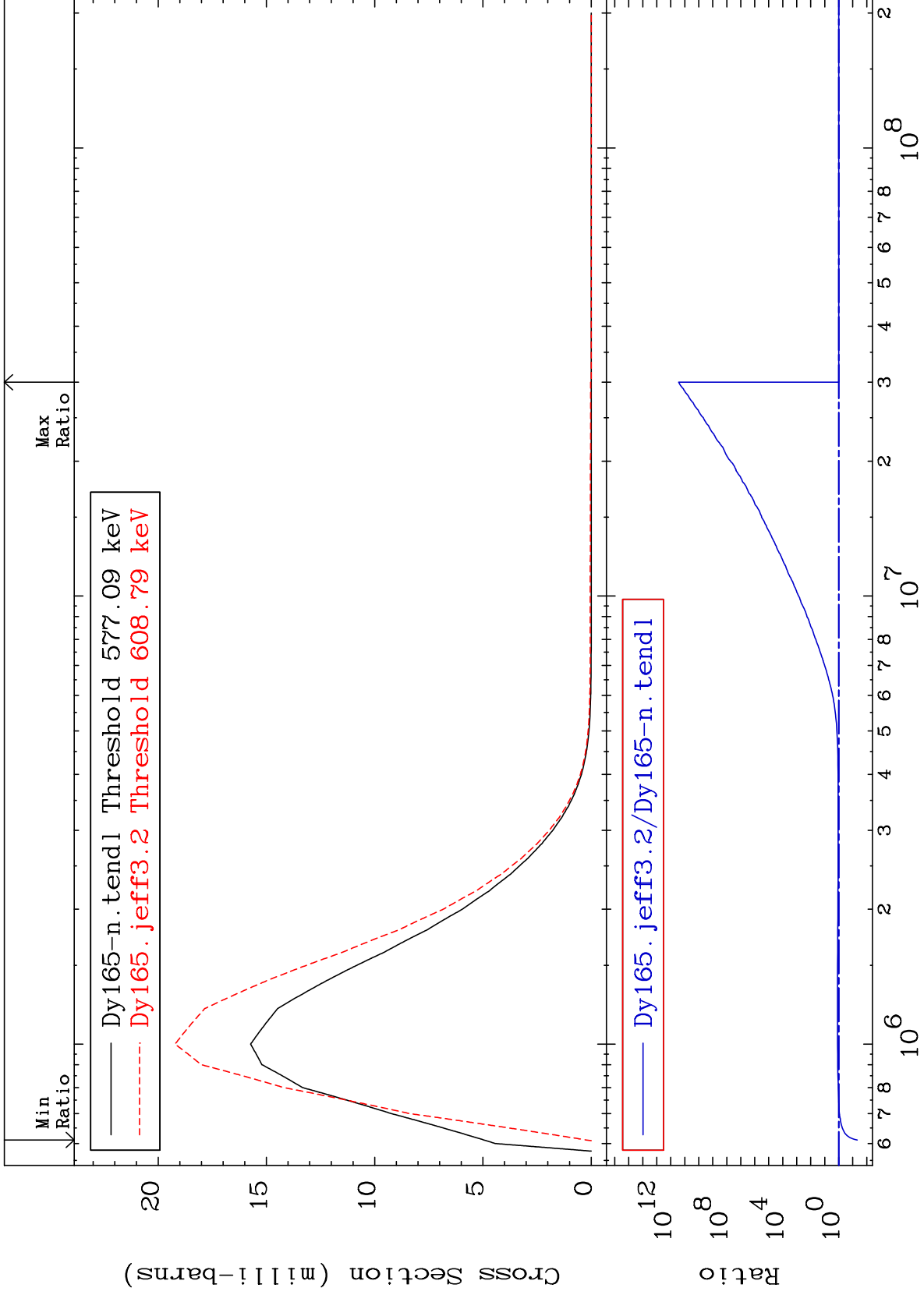
66-Dy-165  
To 9999. %



MAT 6652

573.6 keV (n,n') Level  
Cross Section

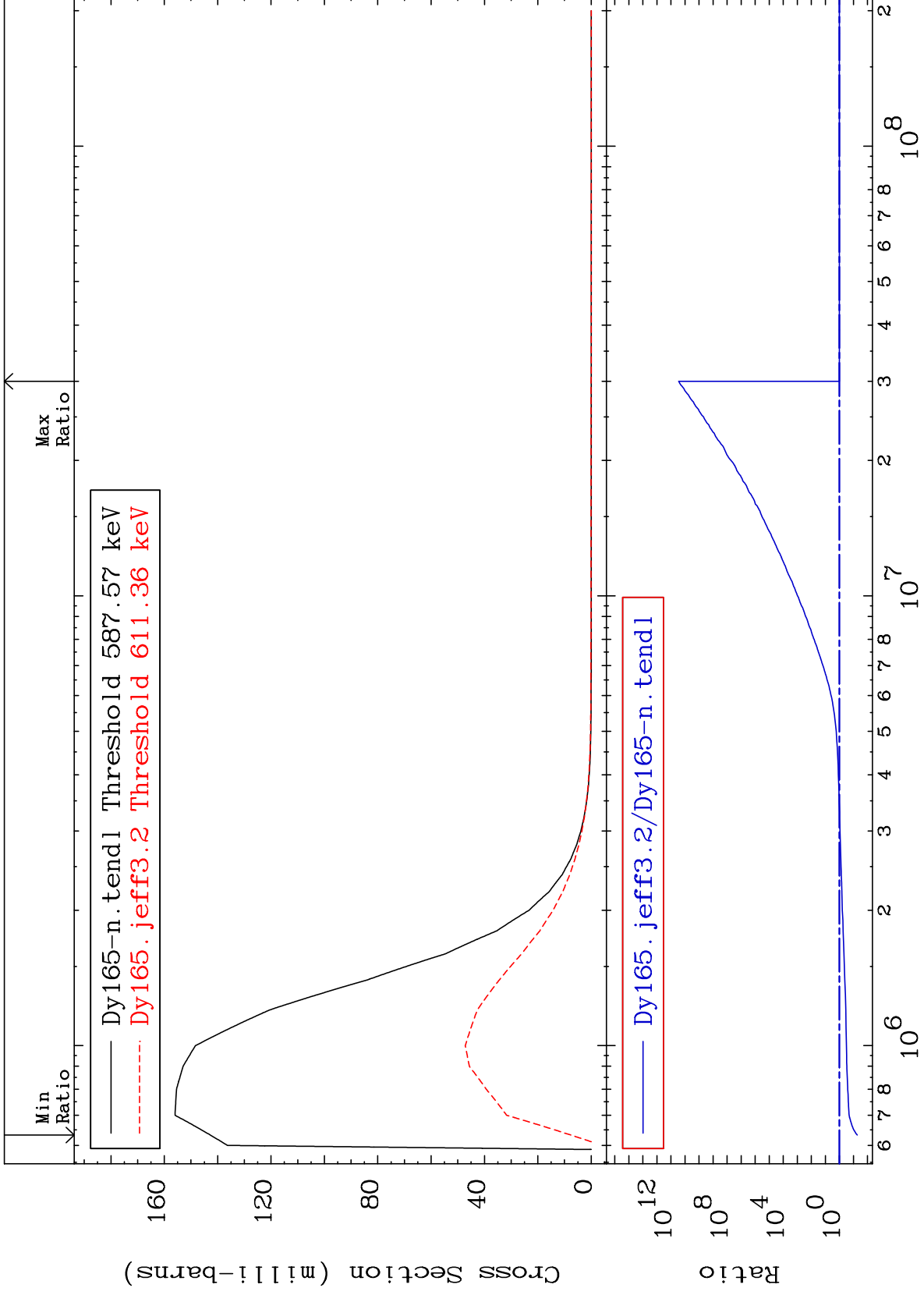
66-Dy-165  
-95.25 To 9999. %



MAT 6652

584.0 keV (n,n') Level  
Cross Section

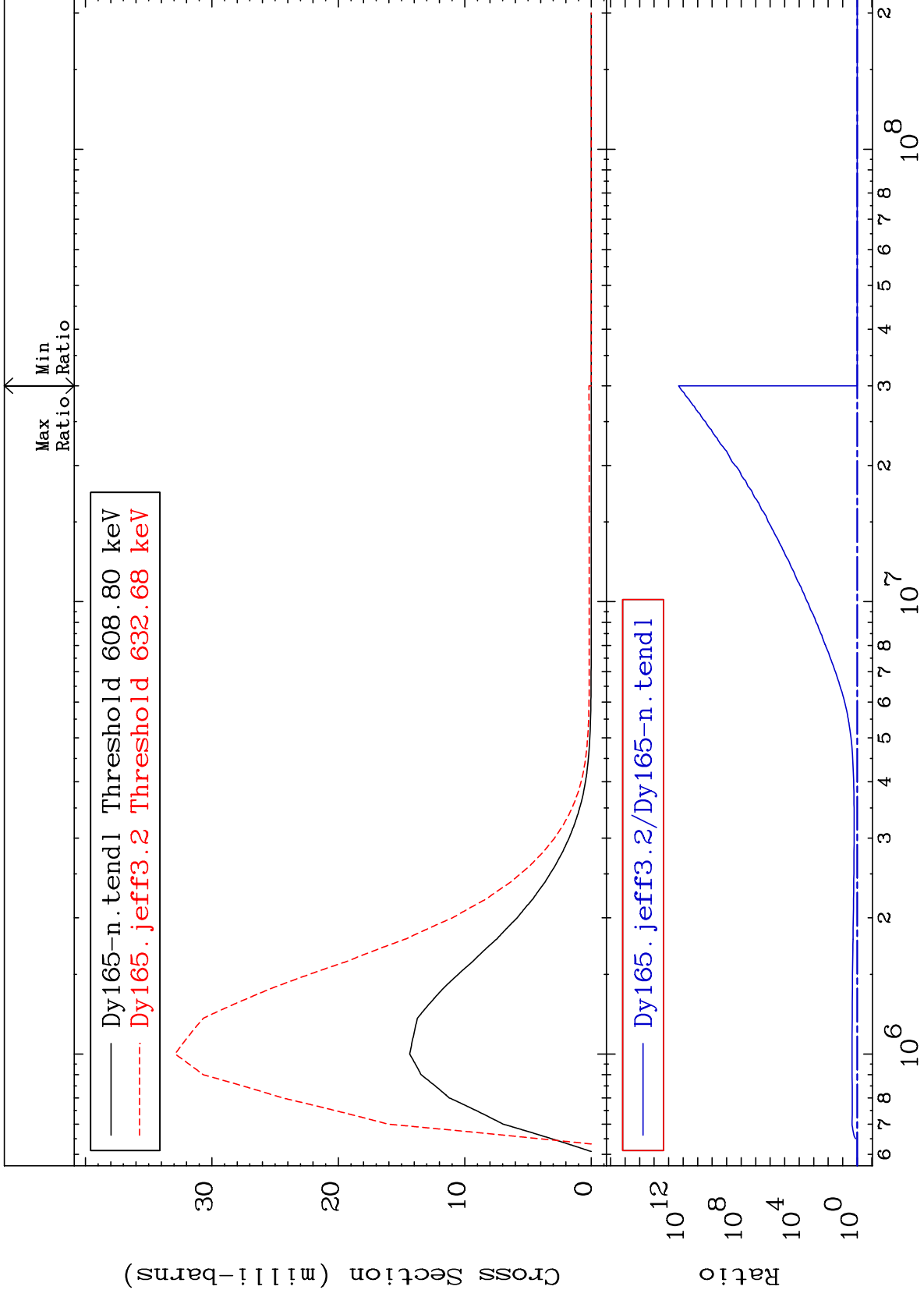
66-Dy-165  
-94.66 To 9999. %



MAT 6652

605.1 keV (n,n') Level  
Cross Section

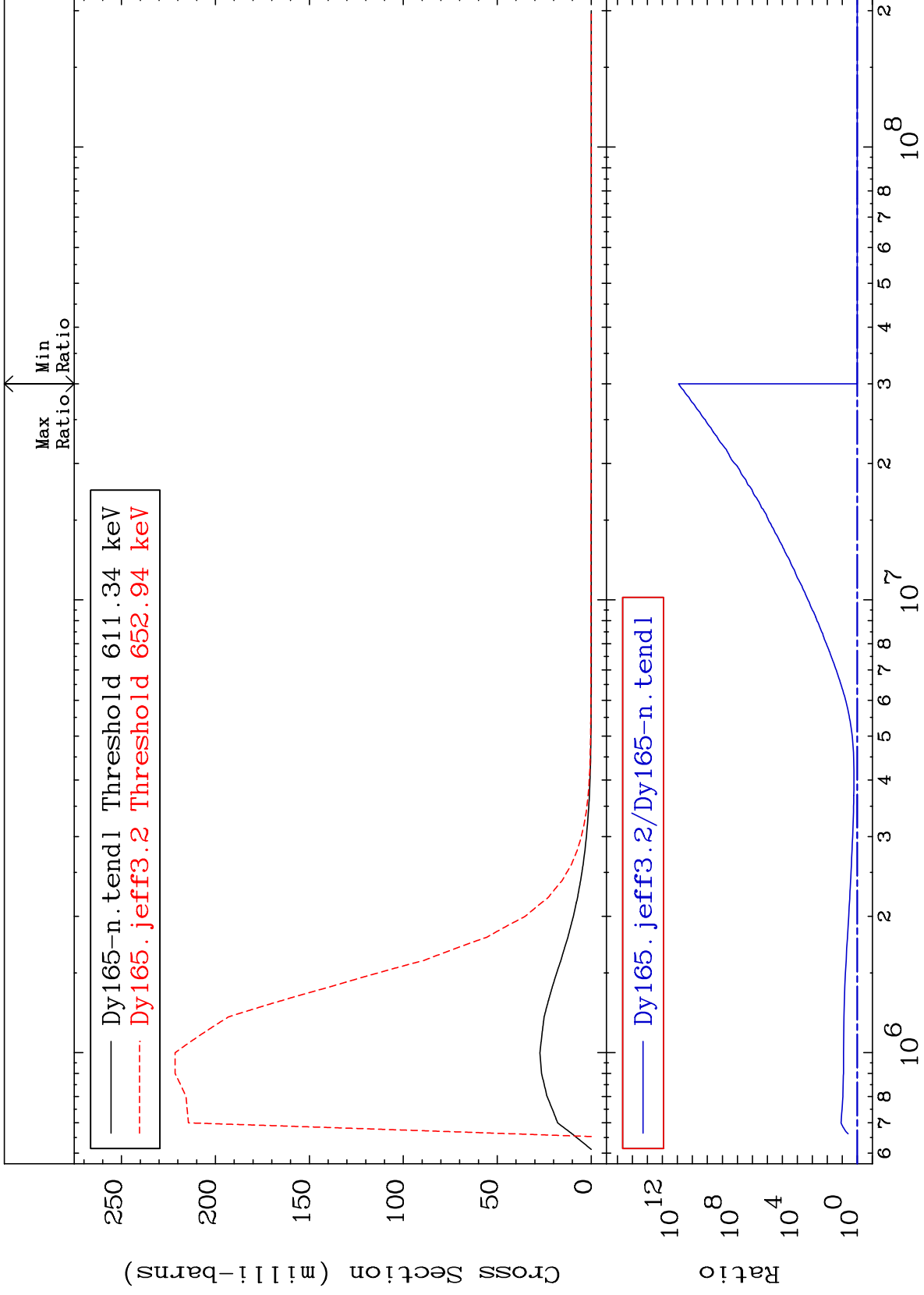
66-Dy-165  
To 9999. %



MAT 6652

607.6 keV (n,n') Level  
Cross Section

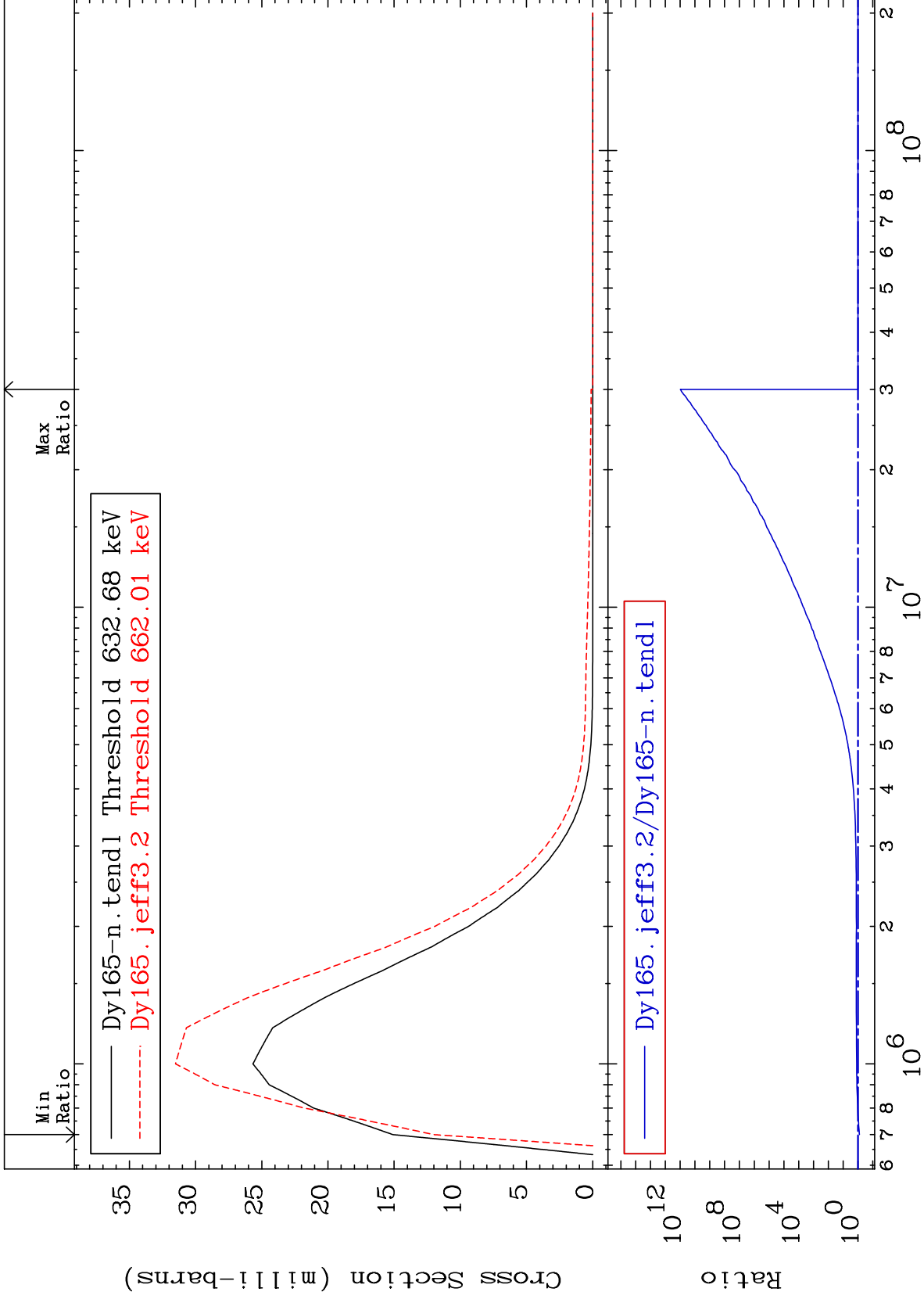
66-Dy-165  
To 9999. %



MAT 6652

628.8 keV (n,n') Level  
Cross Section

66-Dy-165  
-20.52 To 9999. %



40

Incident Energy (eV)

66-Dy-165



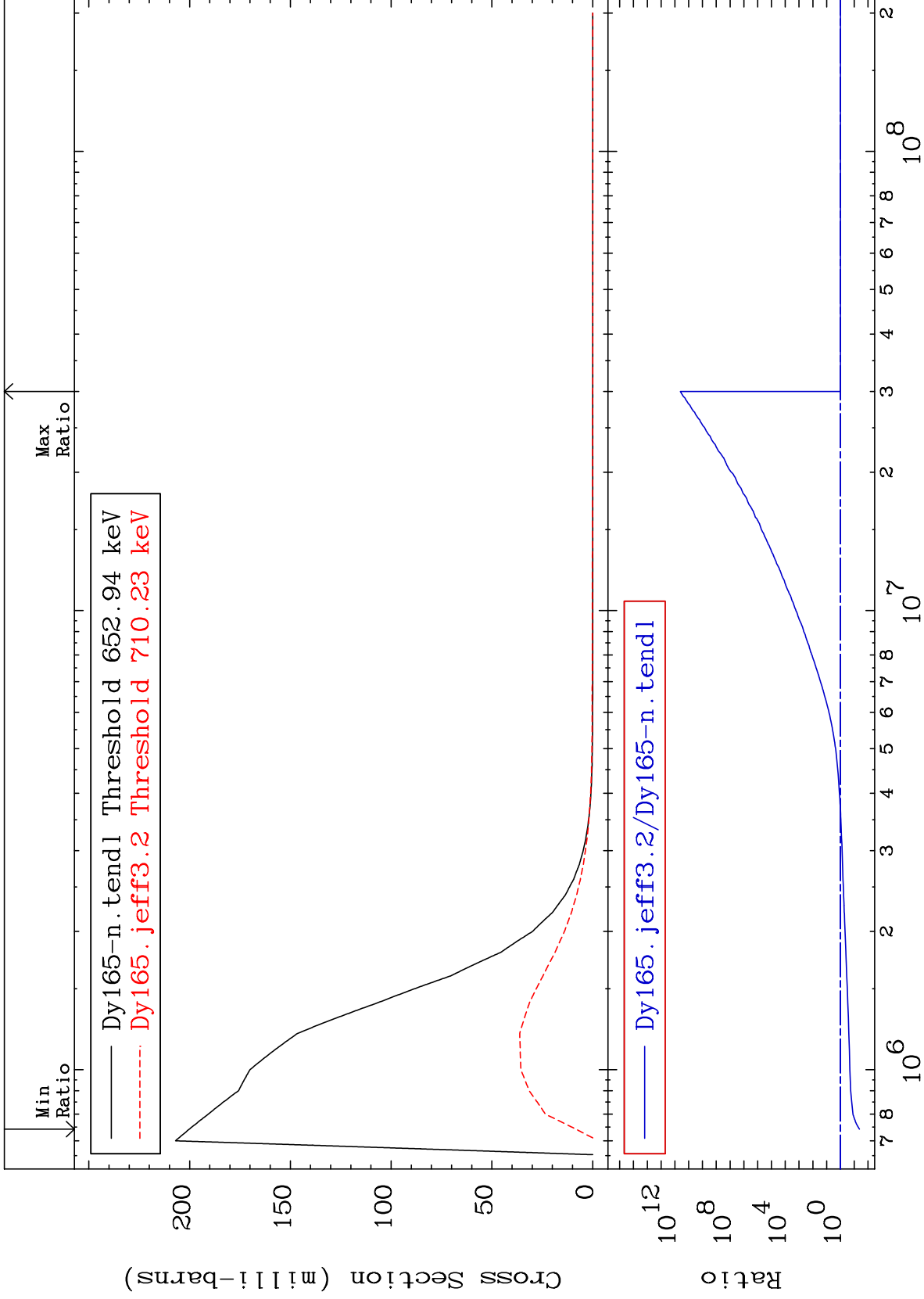
MAT 6652

649.0 keV (n,n') Level

66-Dy-165

-95.80 To 9999. %

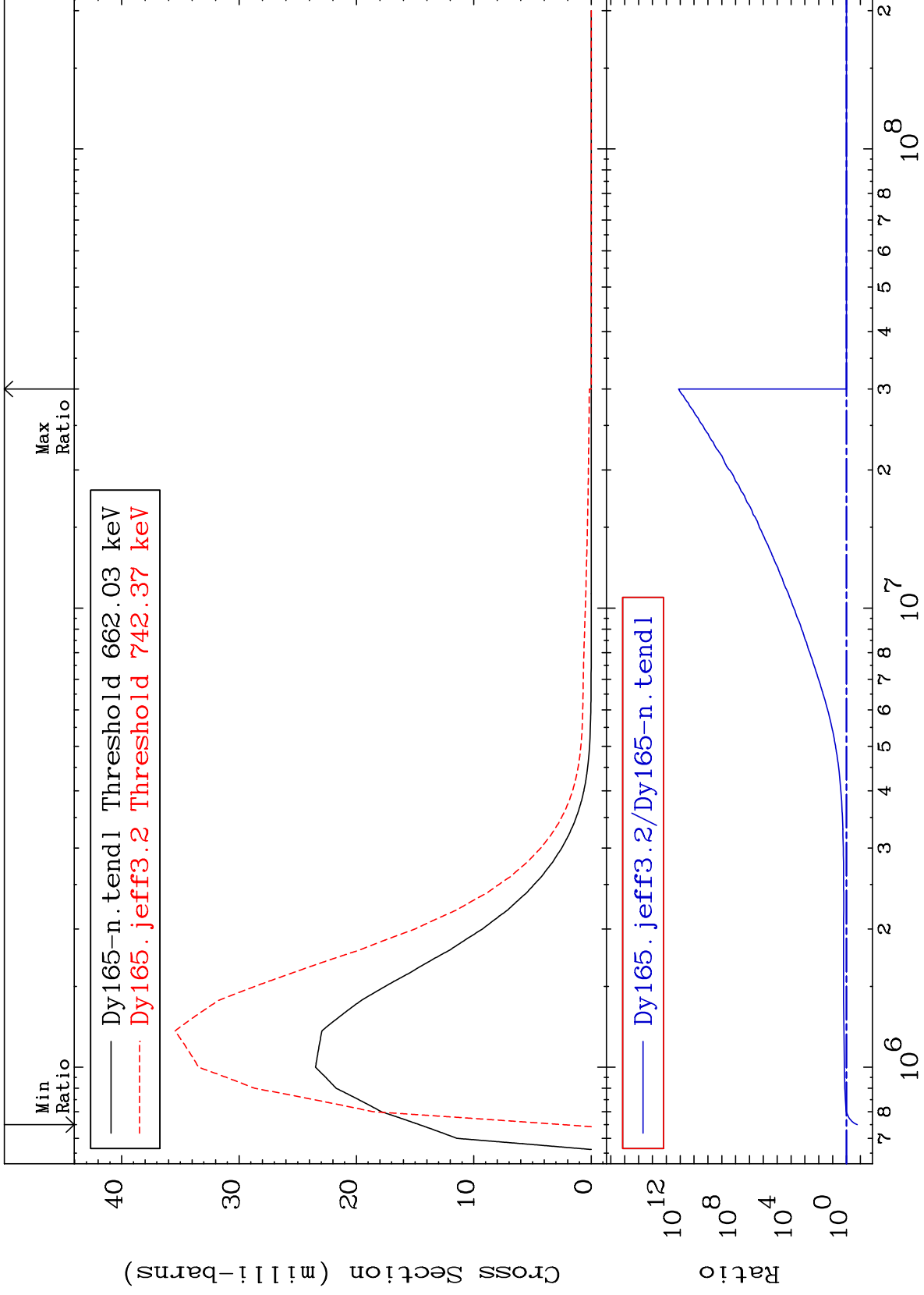
Cross Section



MAT 6652

658.0 keV (n,n') Level  
Cross Section

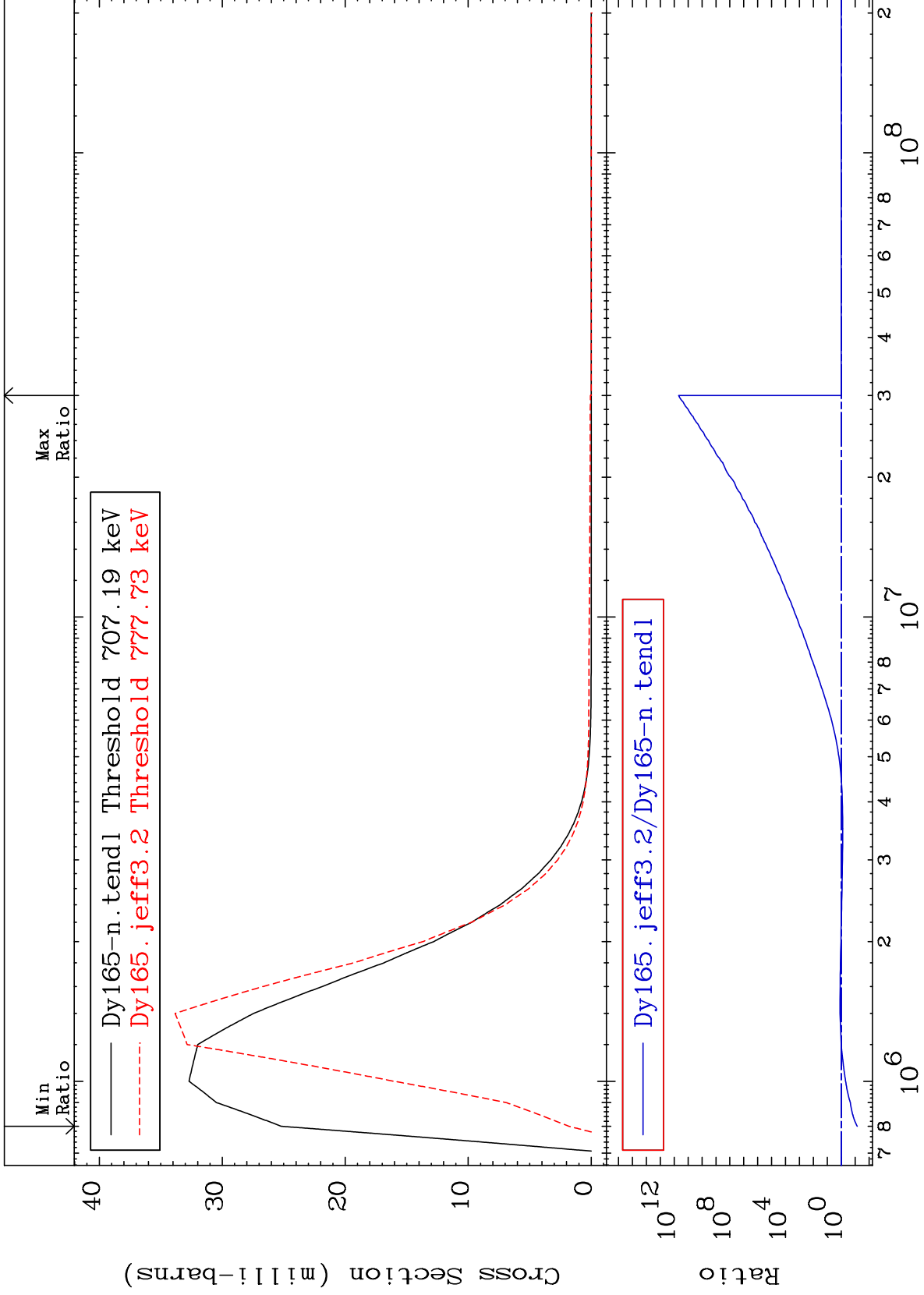
66-Dy-165  
-83.23 To 9999. %



MAT 6652

702.9 keV (n,n') Level  
Cross Section

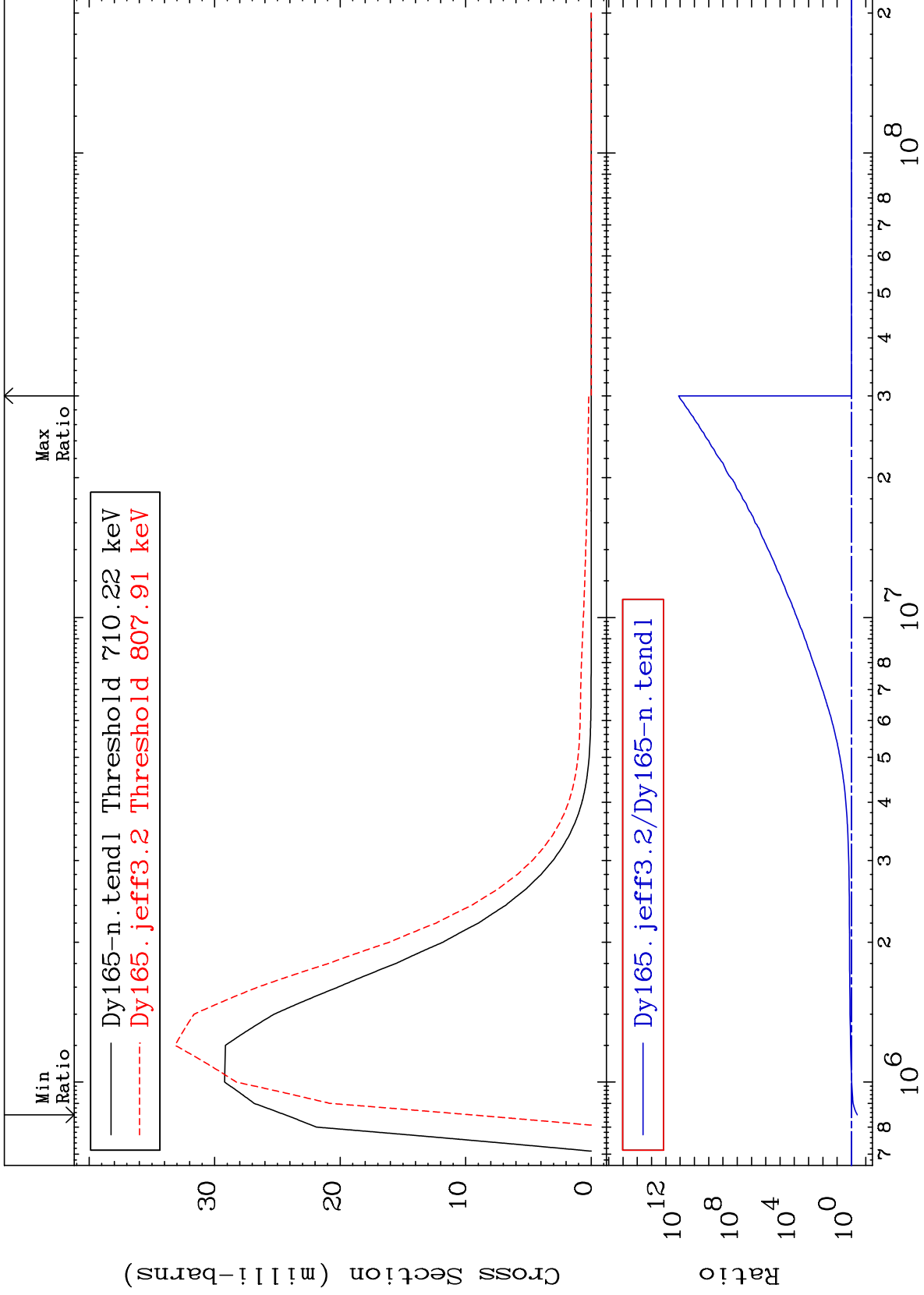
66-Dy-165  
-92.80 To 9999. %



MAT 6652

705.9 keV (n,n') Level  
Cross Section

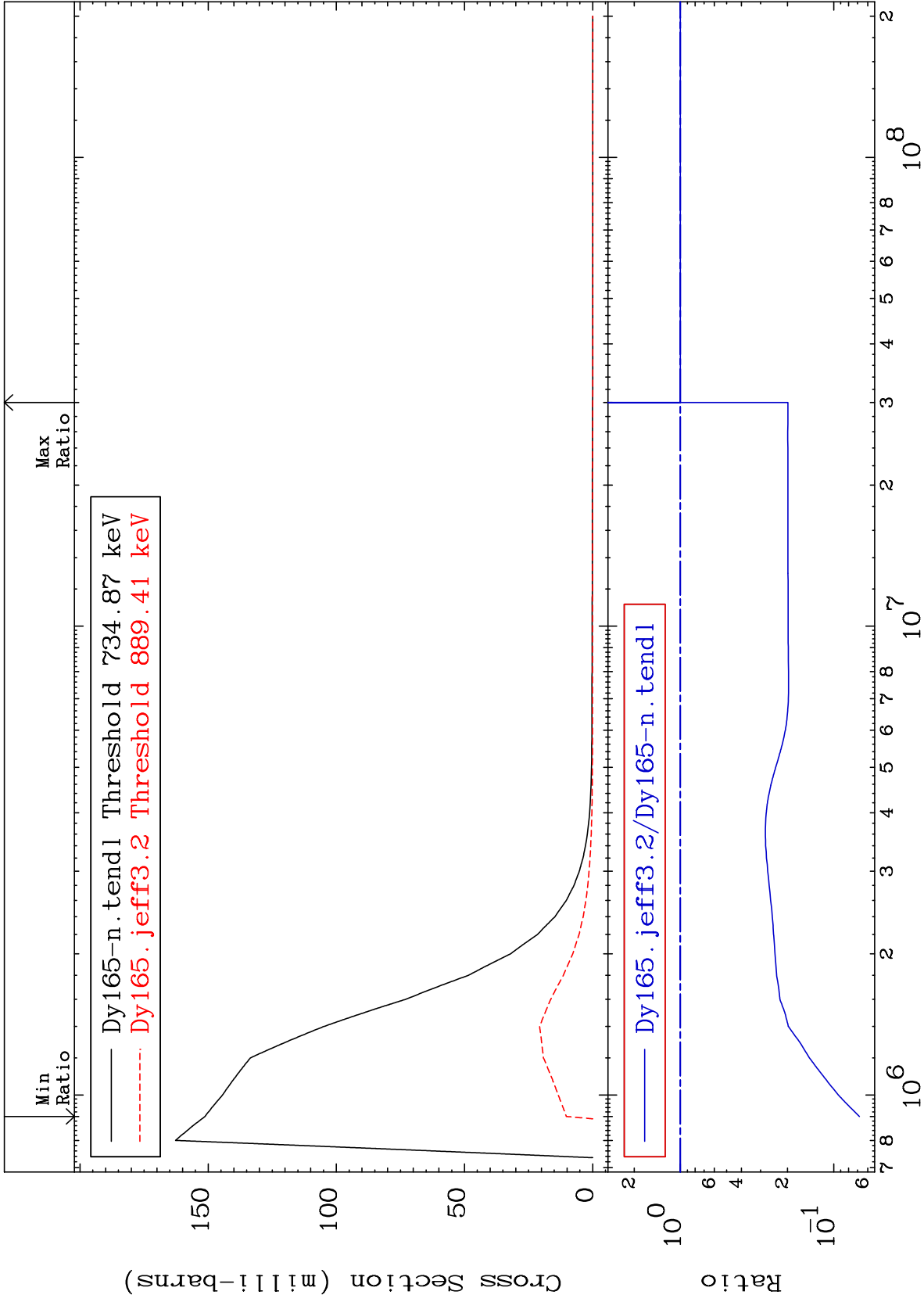
66-Dy-165  
-60.94 To 9999. %



MAT 6652

730.4 keV (n,n') Level  
Cross Section

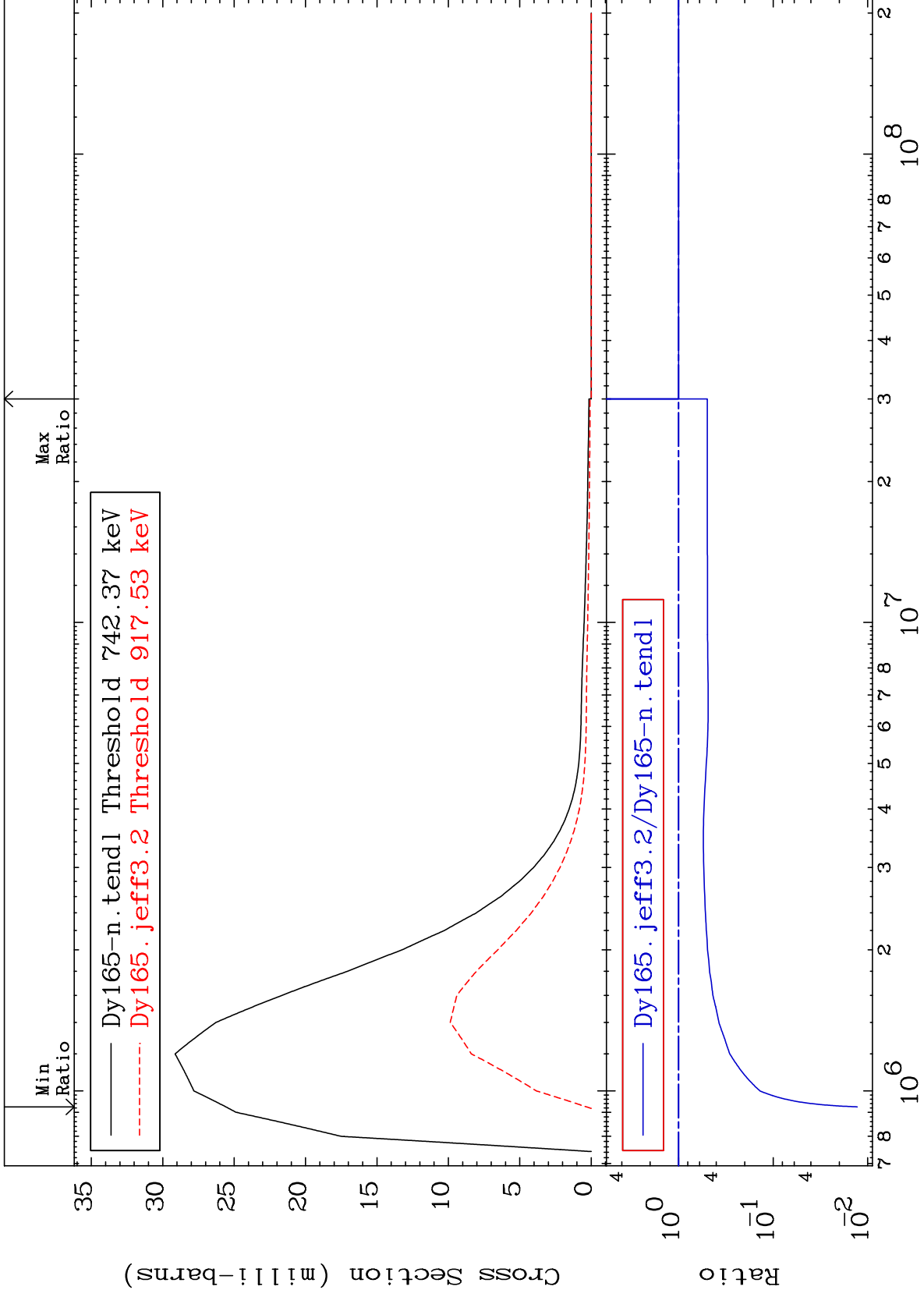
66-Dy-165  
-93.20 To 0.000 %



MAT 6652

737.9 keV (n,n') Level  
Cross Section

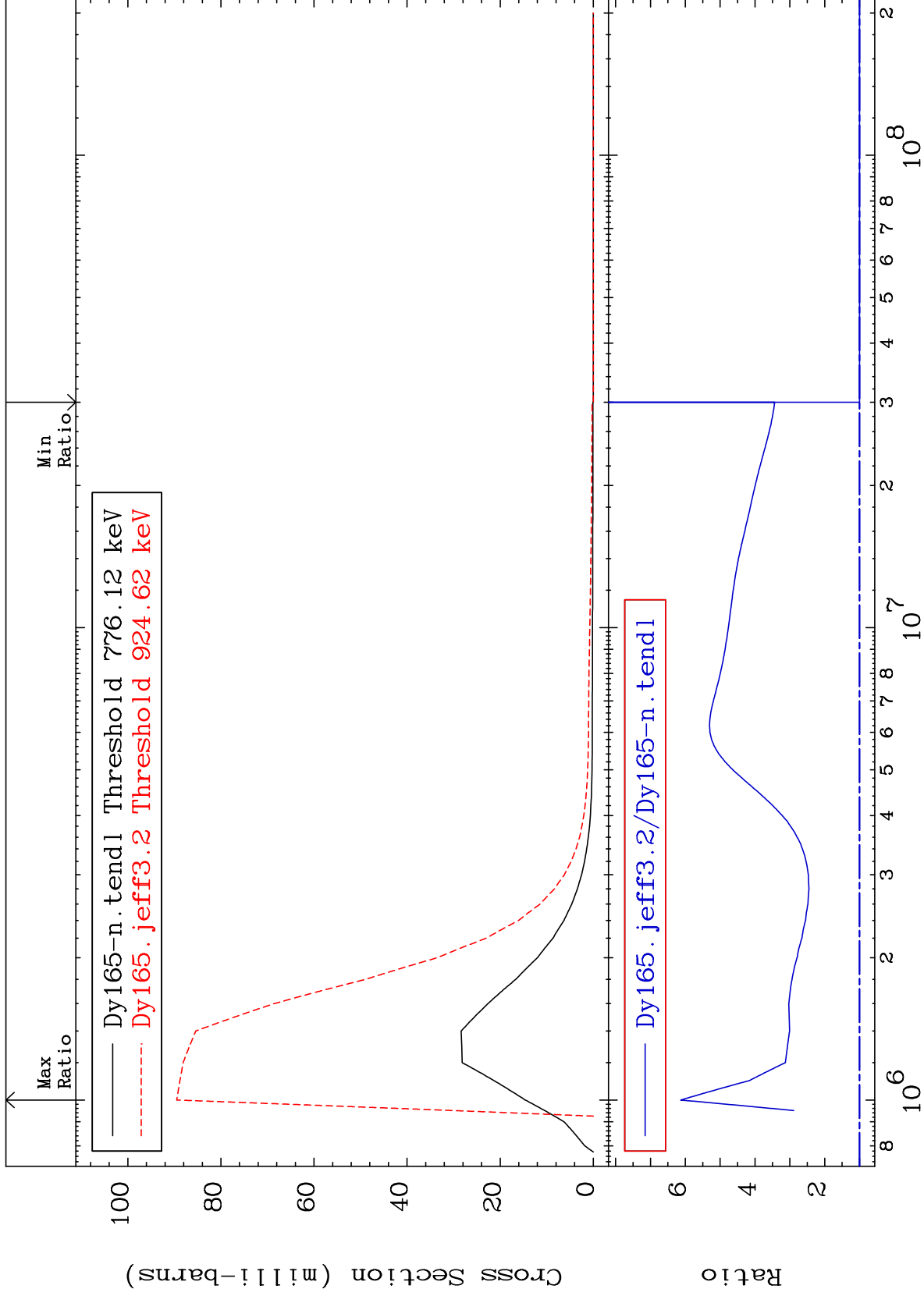
66-Dy-165  
-98.71 To 0.000 %



MAT 6652

771.4 keV (n,n') Level  
Cross Section

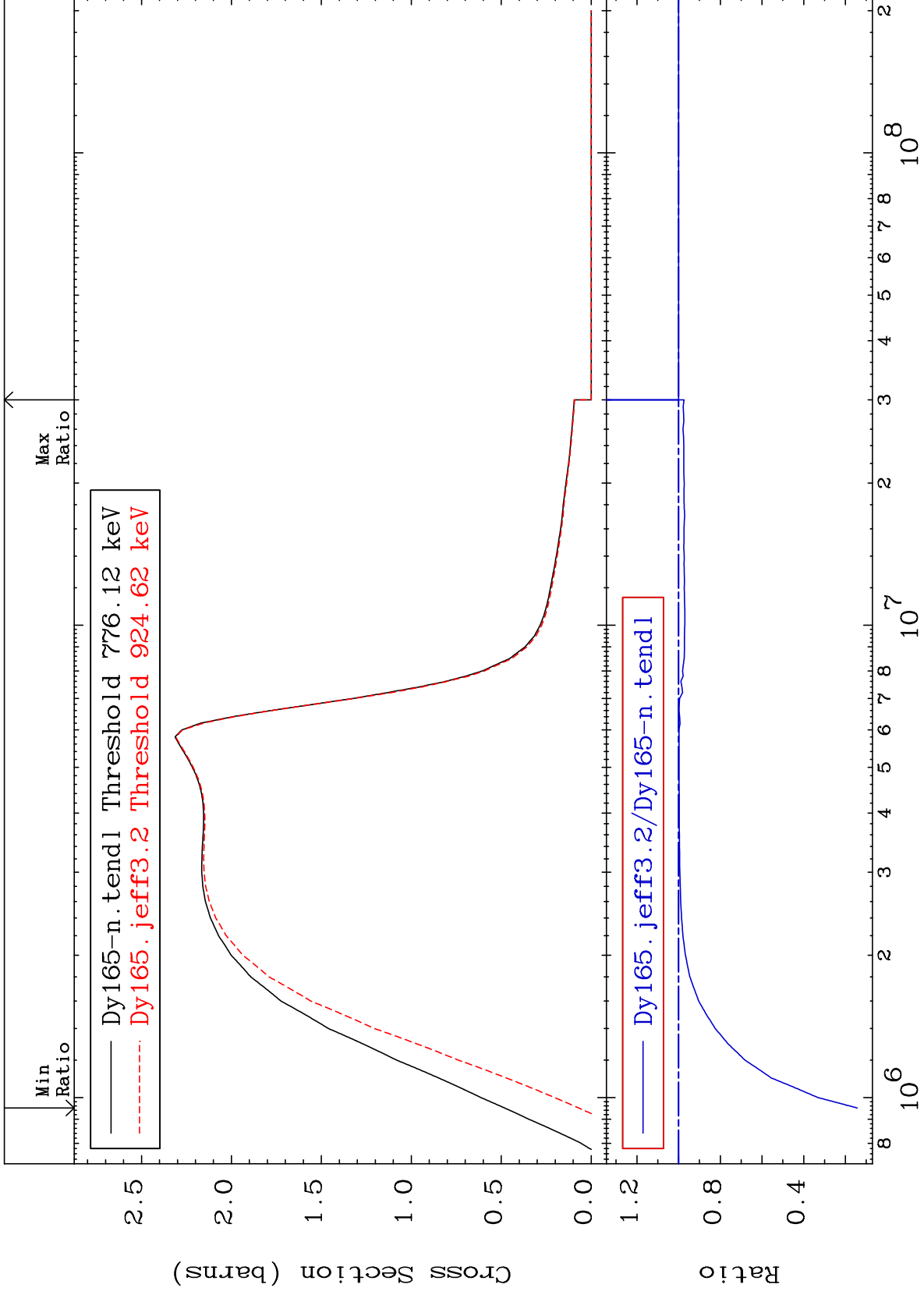
66-Dy-165  
To 513.0 %



MAT 6652

(n, n') Continuum  
Cross Section

66-Dy-165  
-85.66 To 0.000 %

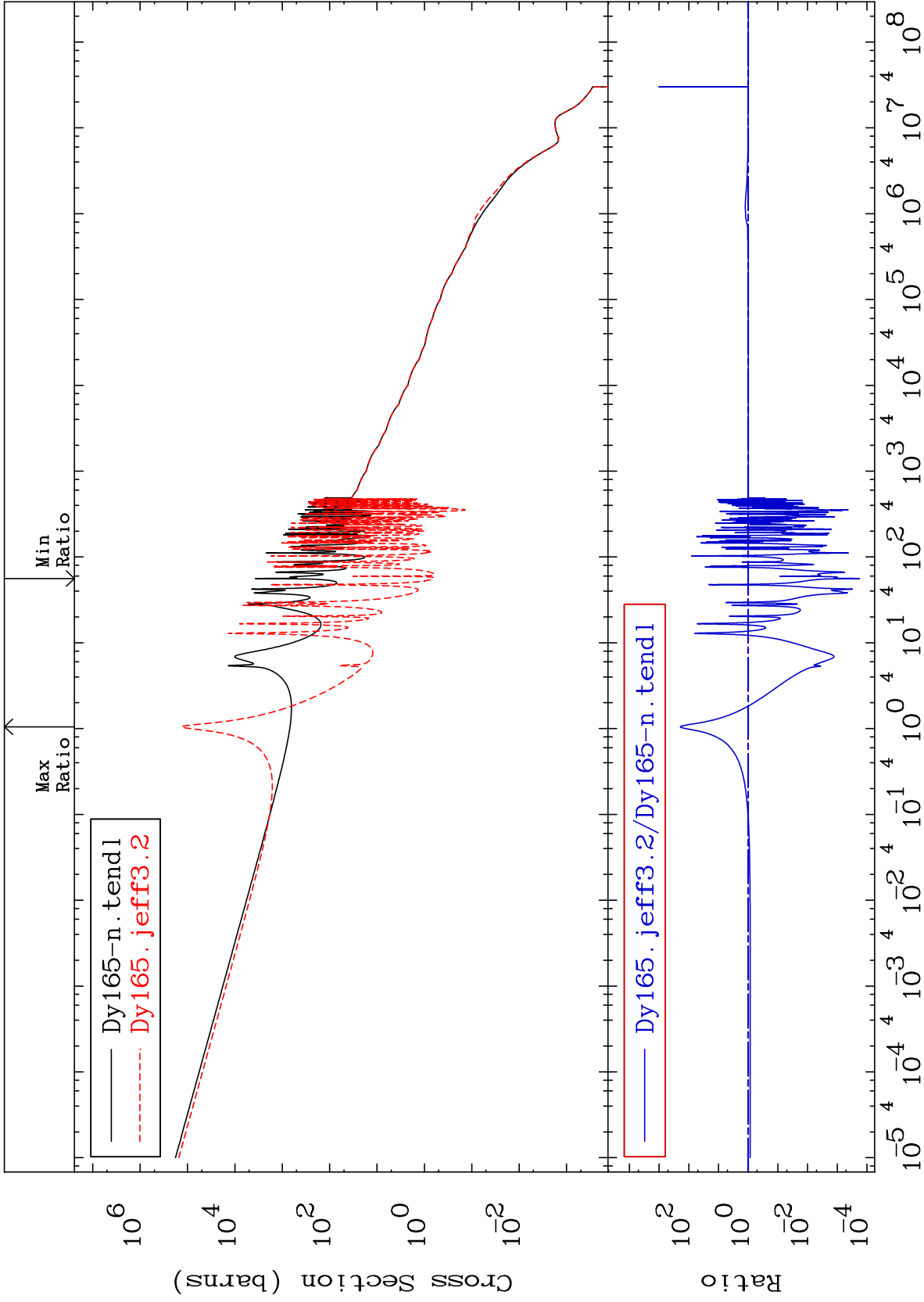




MAT 6652

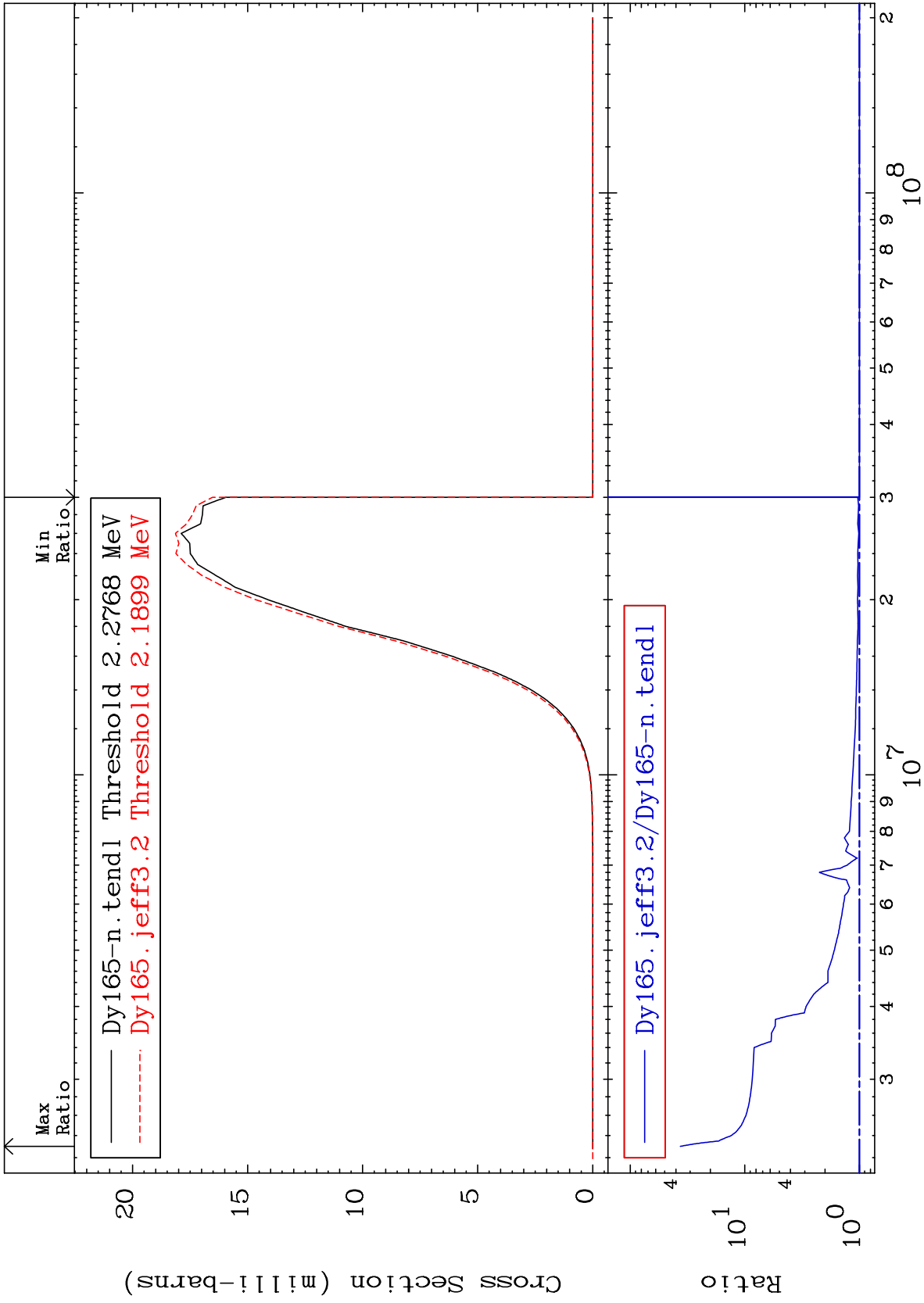
(n,  $\gamma$ )  
Cross Section

66-Dy-165  
-99.98 To 9999. %



MAT 6652

(n, p)  
Cross Section  
66-Dy-165  
0.000 To 3553. %



50

66-Dy-165

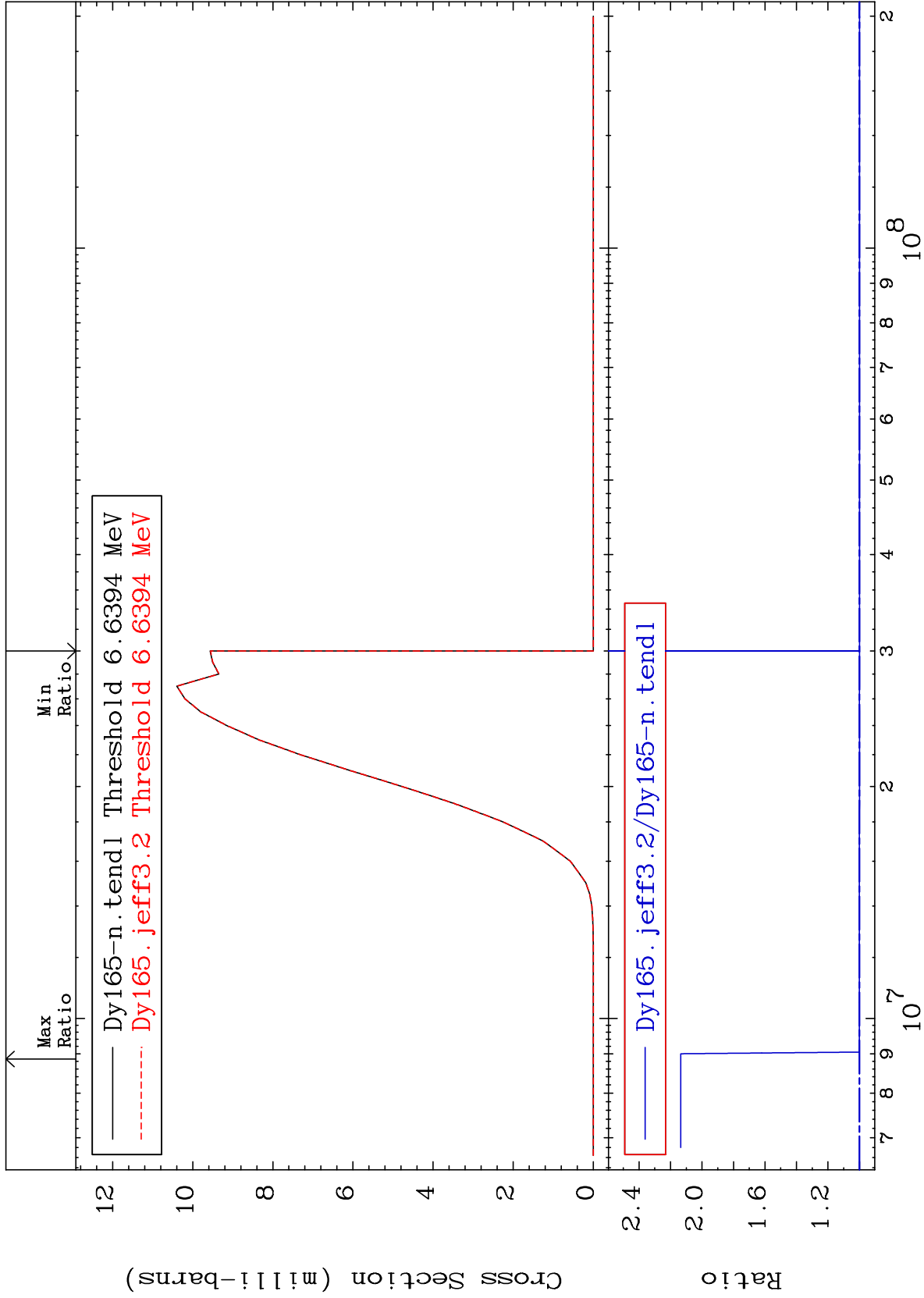
MAT 6652

(n, d)

66-Dy-165

Cross Section

-0.068 To 113.5 %



51

Incident Energy (eV)

66-Dy-165

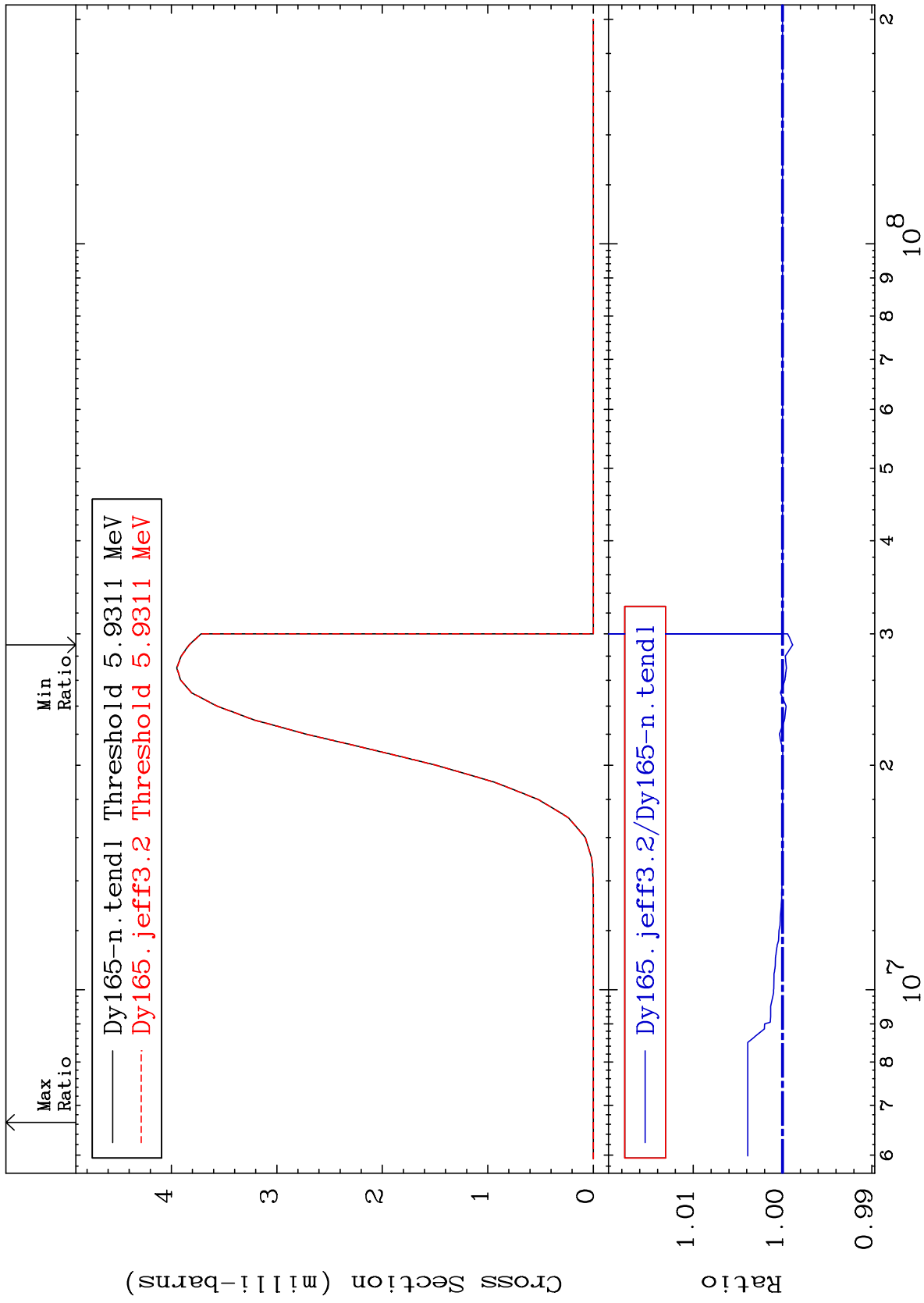
MAT 6652

(n, t)

66-Dy-165

Cross Section

-0.114 To 0.390 %



52

Incident Energy (eV)

66-Dy-165

MAT 6652

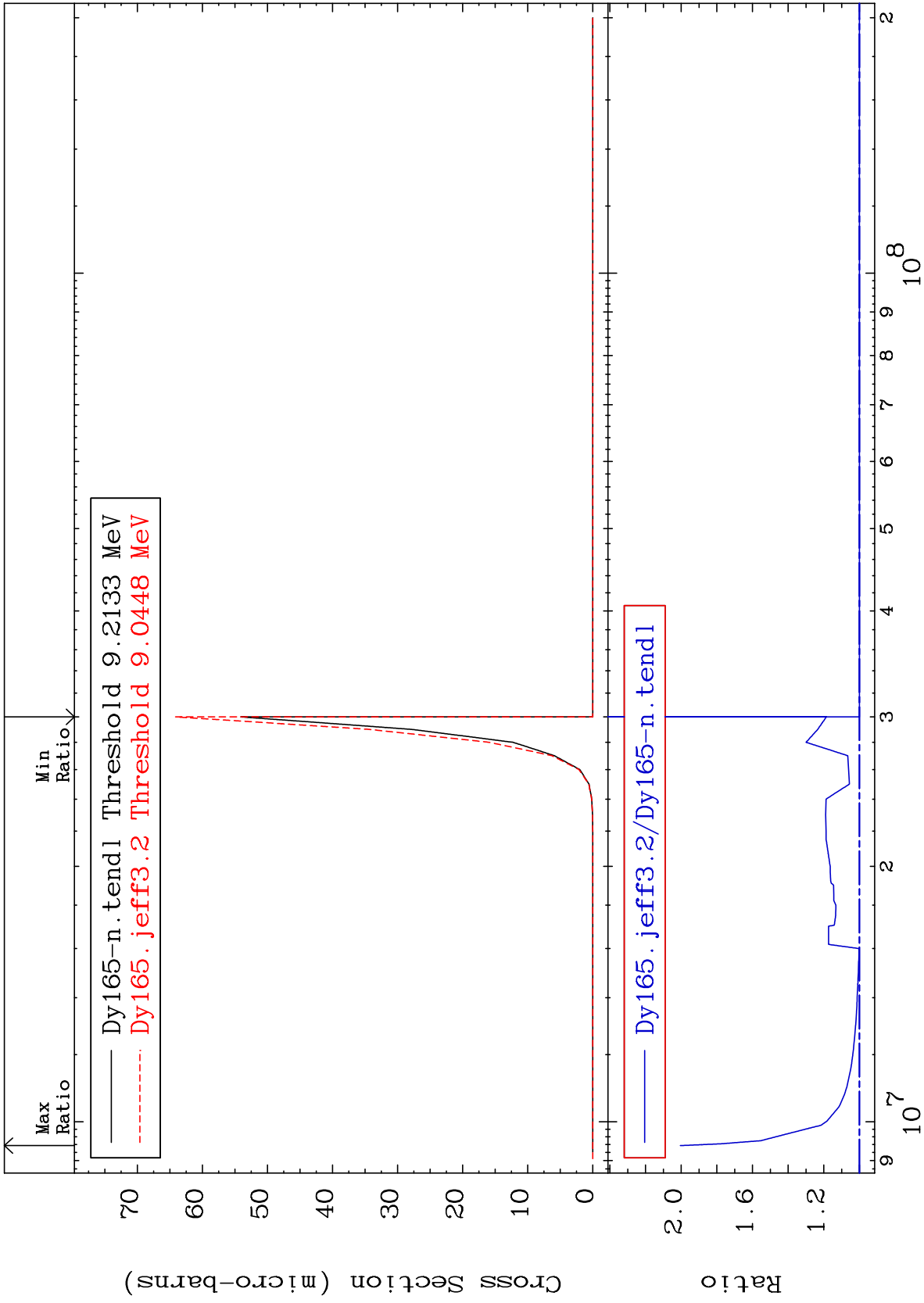
(n, He-3)

66-Dy-165

Cross Section

0.000

To 100.5 %



53

66-Dy-165

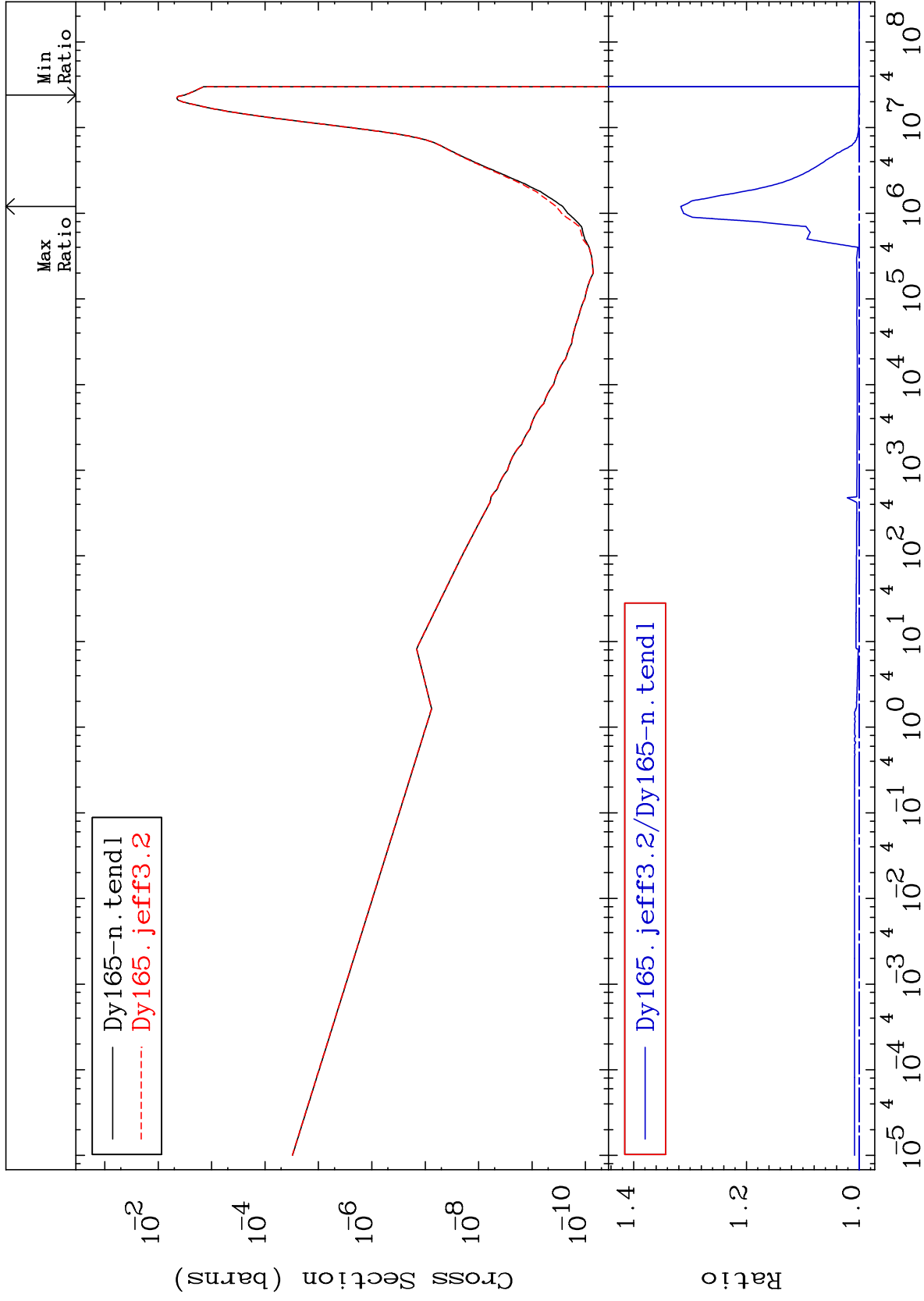
MAT 6652

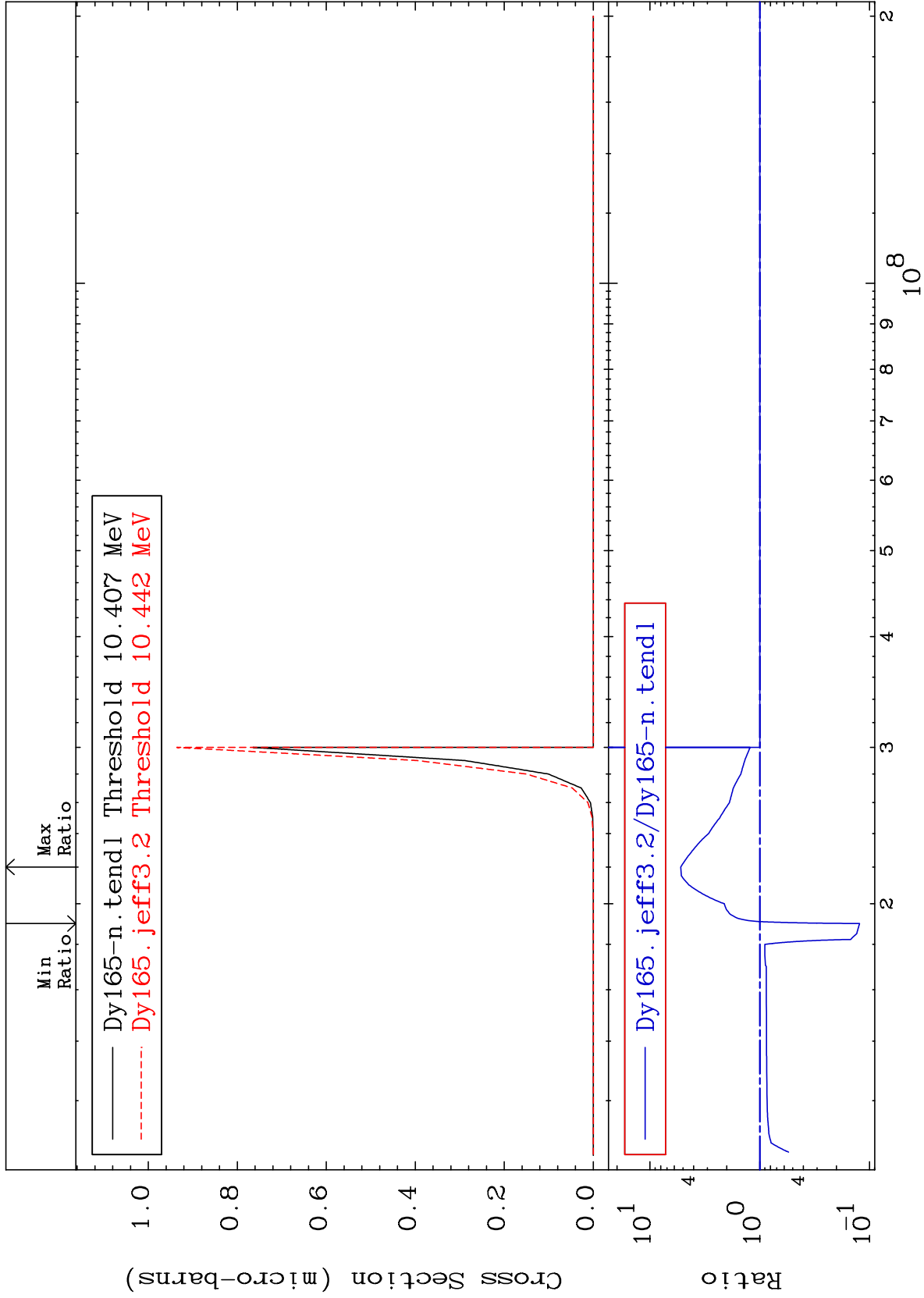
(n,  $\alpha$ )

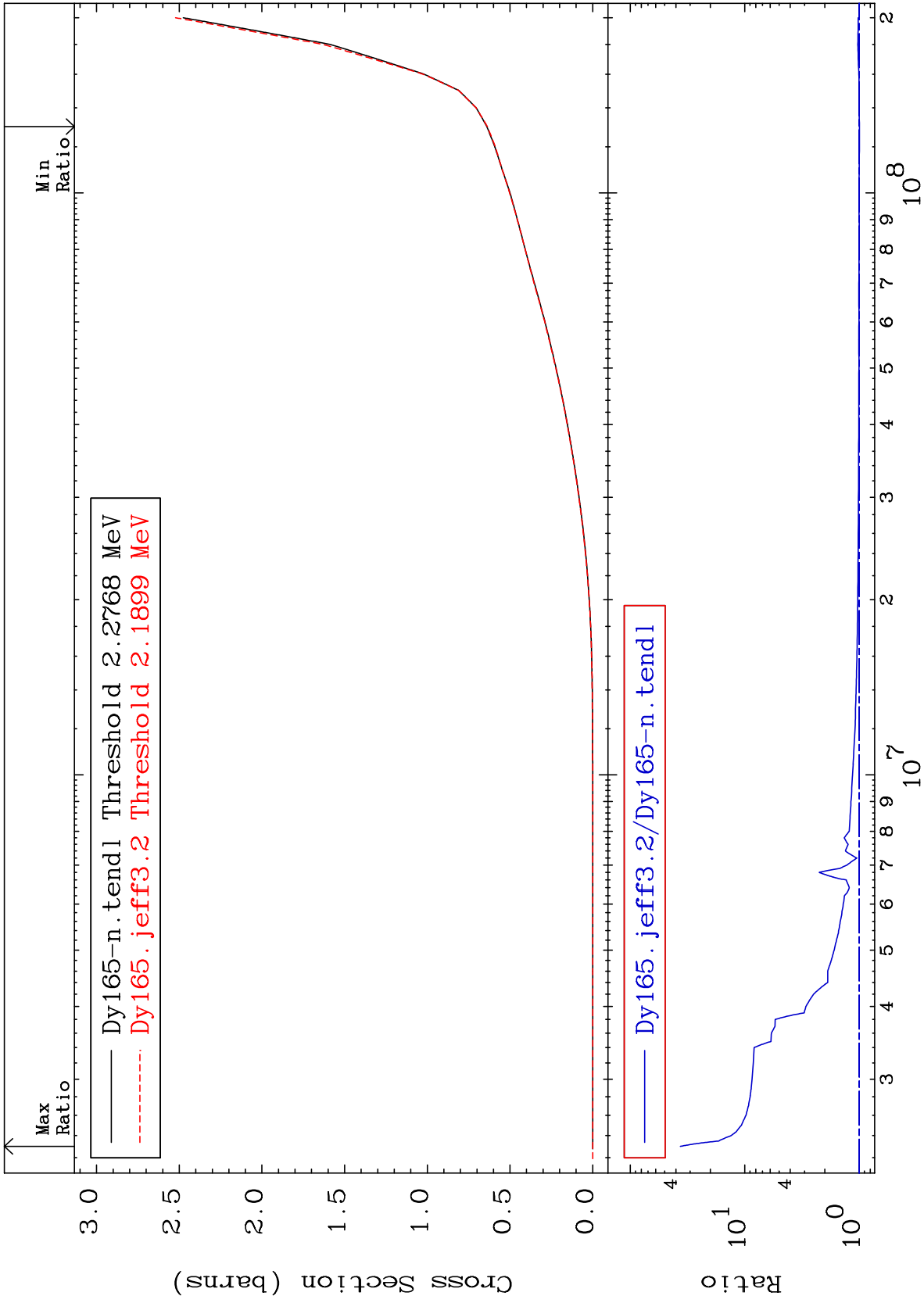
66-Dy-165

Cross Section

-0.058 To 31.64 %





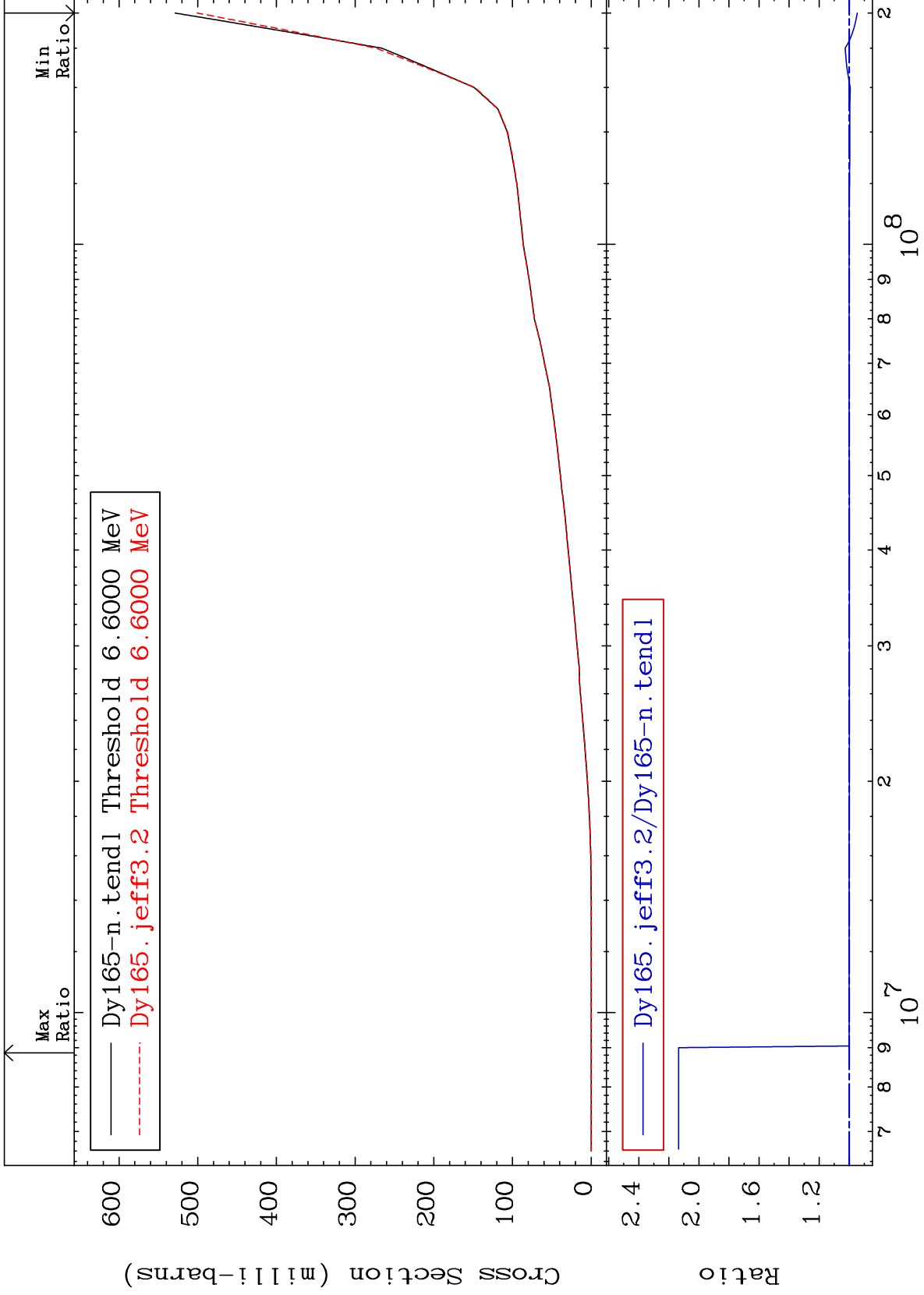




MAT 6652

Deuterium Production  
Cross Section

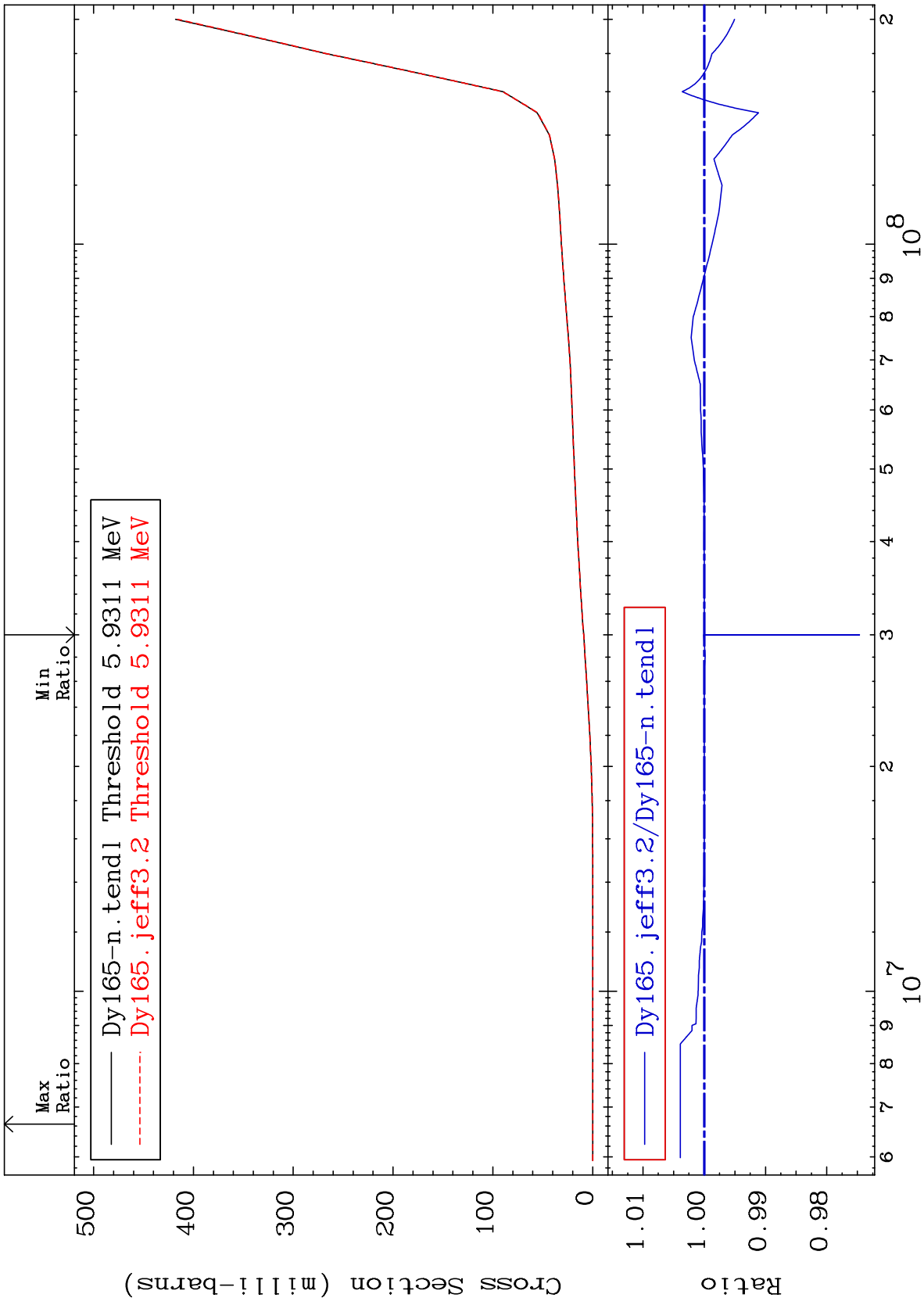
66-Dy-165  
-5.328 To 113.5 %



MAT 6652

Tritium Production  
Cross Section

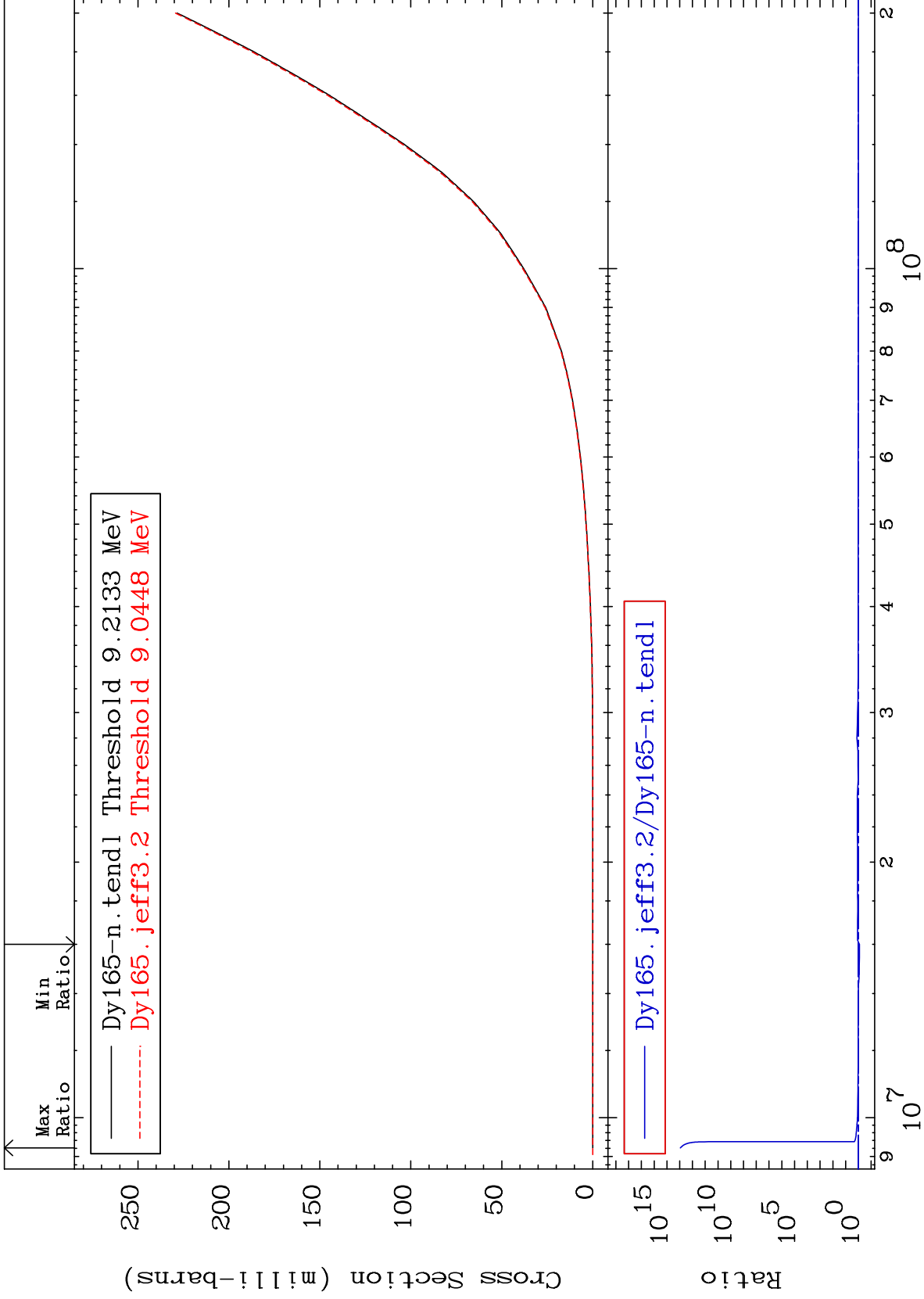
66-Dy-165  
-2.534 To 0.390 %



58

Incident Energy (eV)

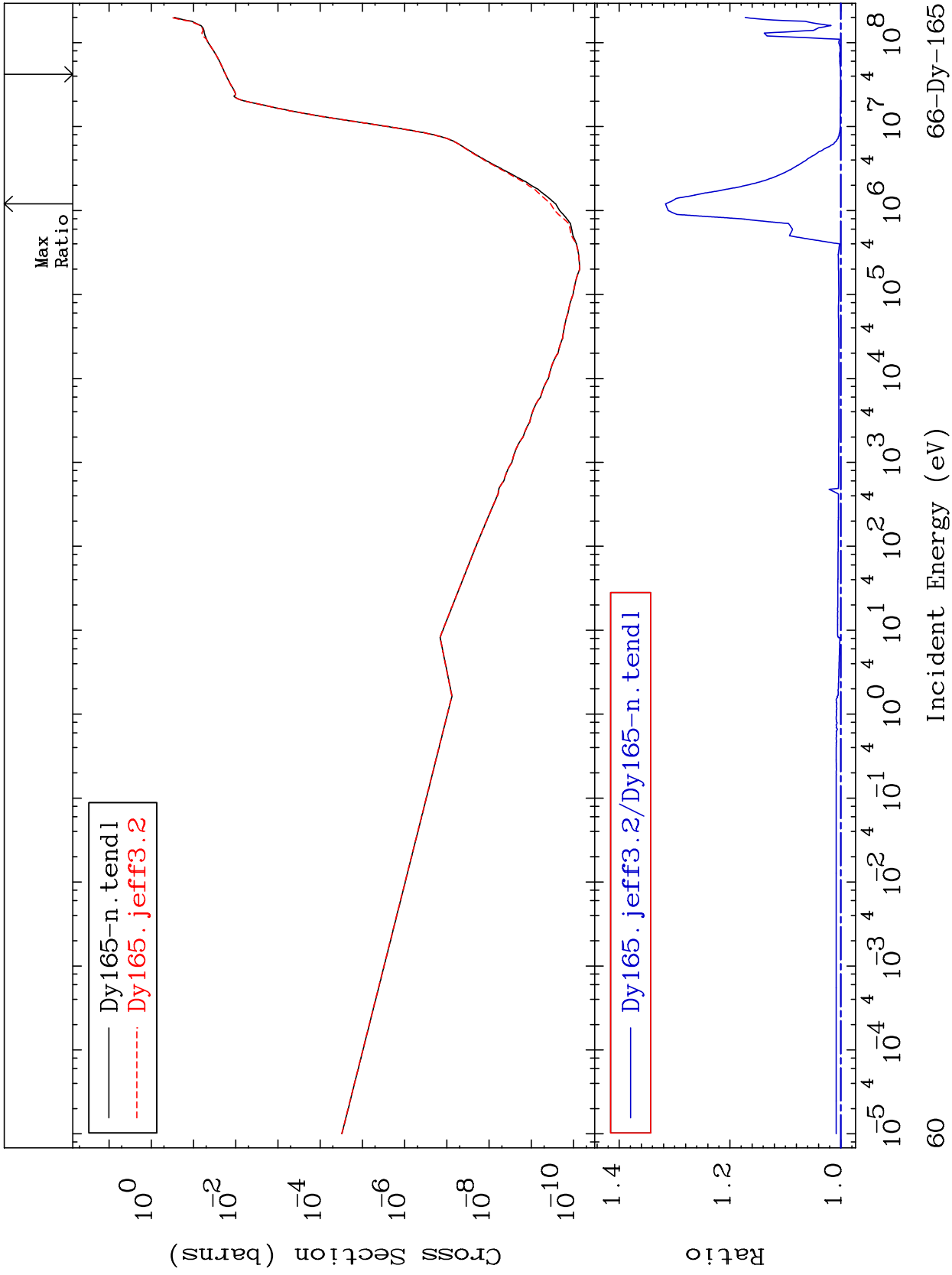
66-Dy-165



MAT 6652

He-4 Production  
Cross Section

66-Dy-165  
To 31.64 %  
0.025



60

Incident Energy (eV)

66-Dy-165

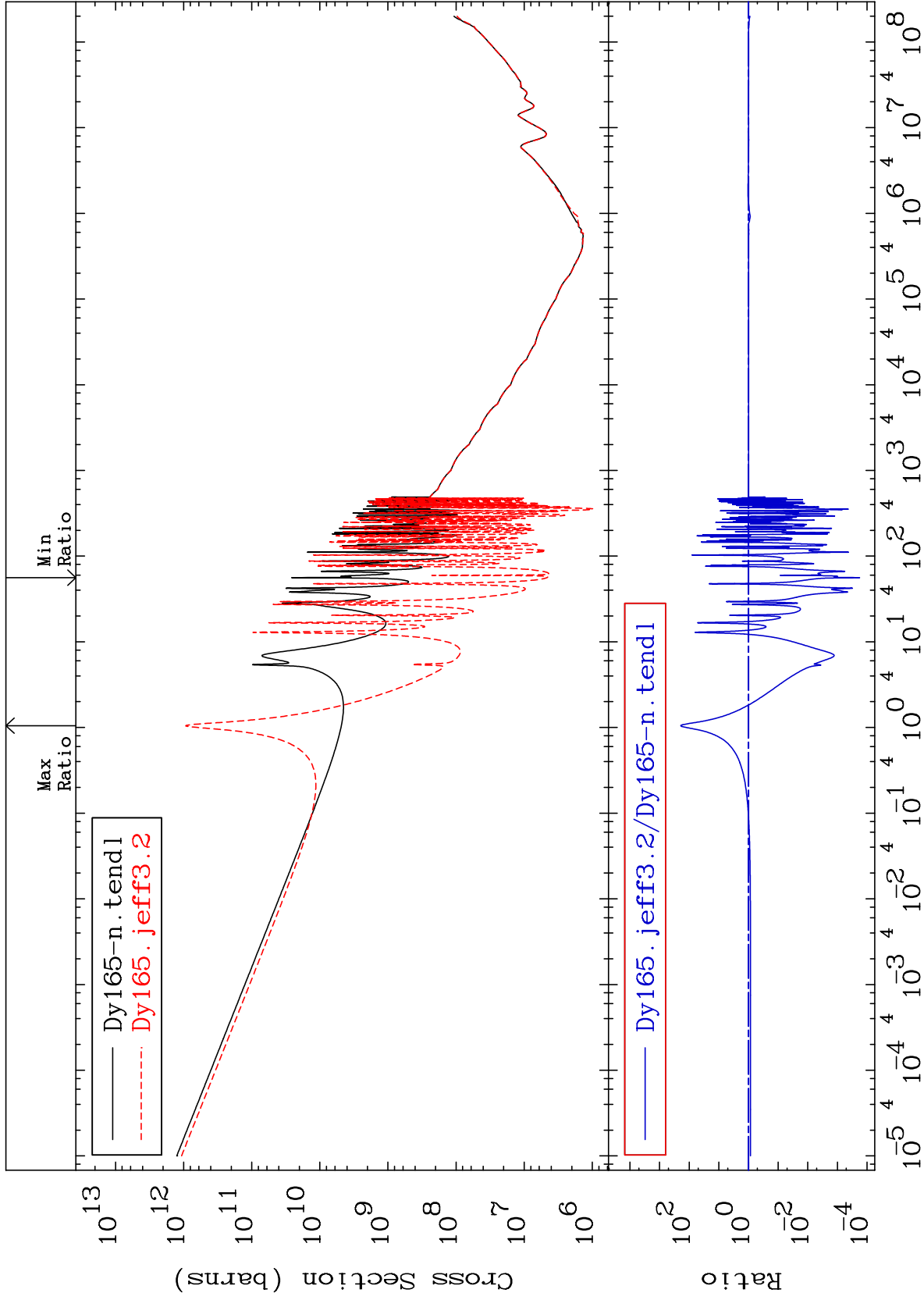
MAT 6652

Kerma total (eV-barns)

66-Dy-165

-99.98 To 9999. %

Cross Section



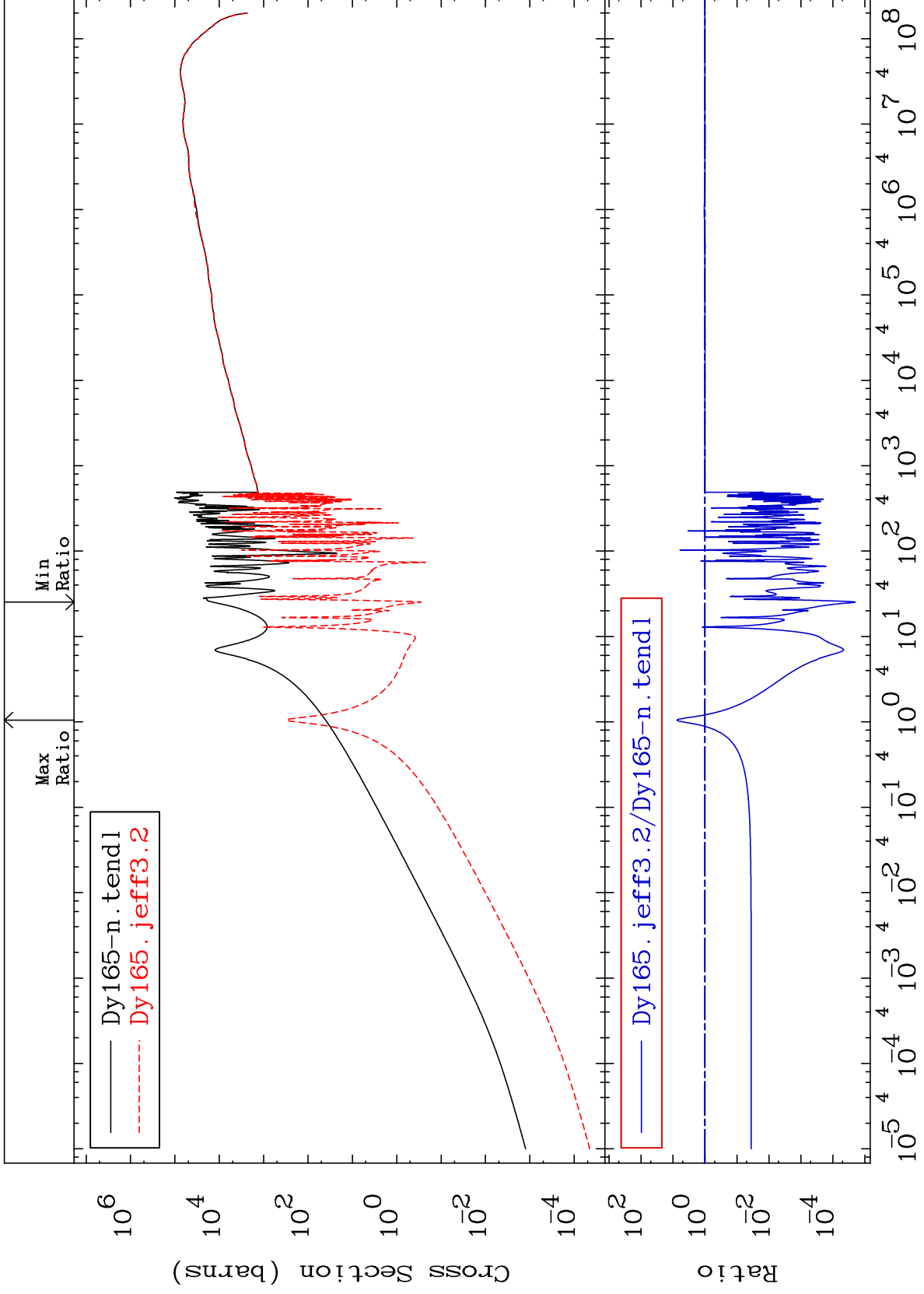
61

66-Dy-165

MAT 6652

Kerma elastic  
Cross Section

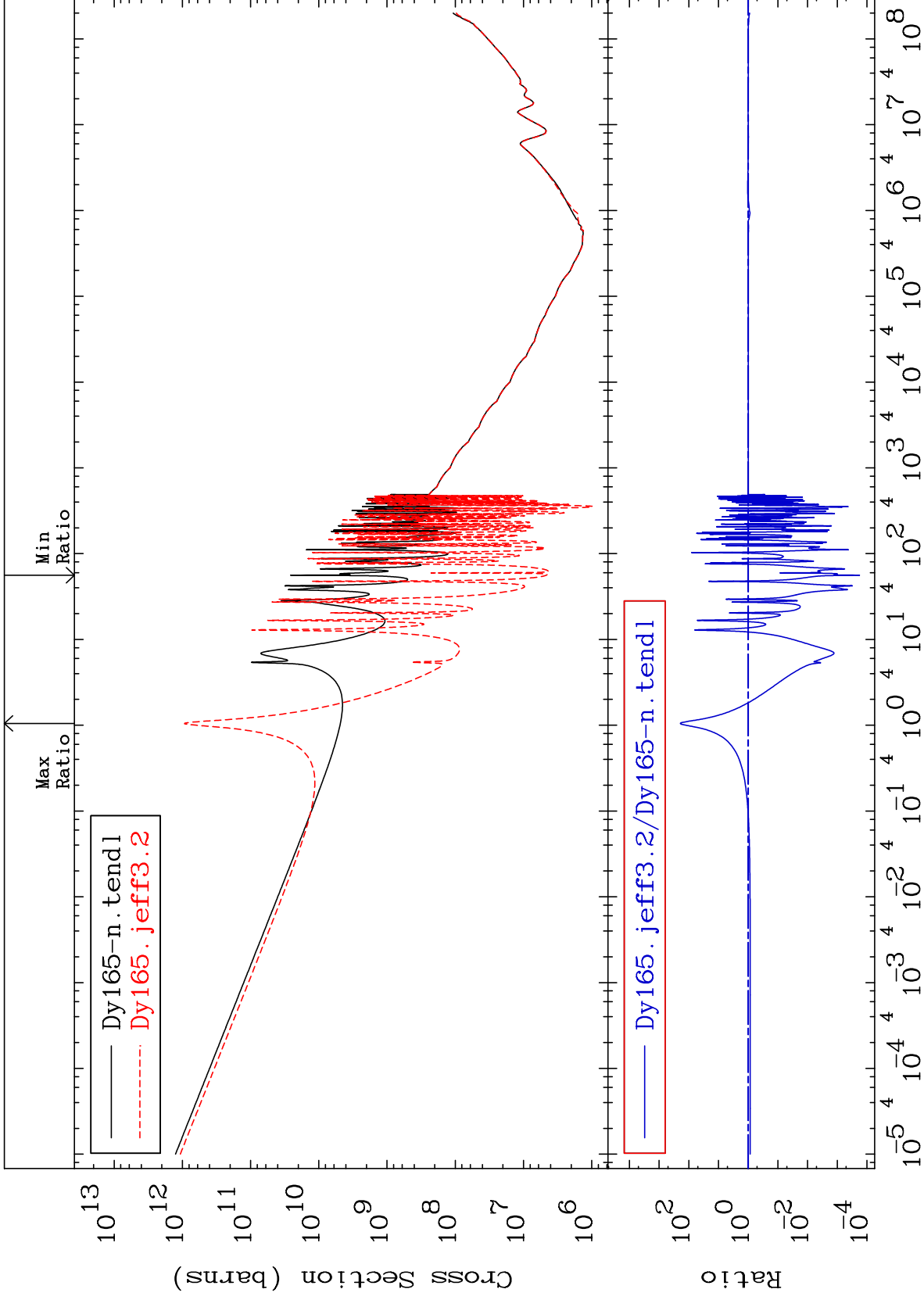
66-Dy-165  
-100.0 To 655.3 %



MAT 6652

Kerma non-elastic (all but mt2)  
Cross Section

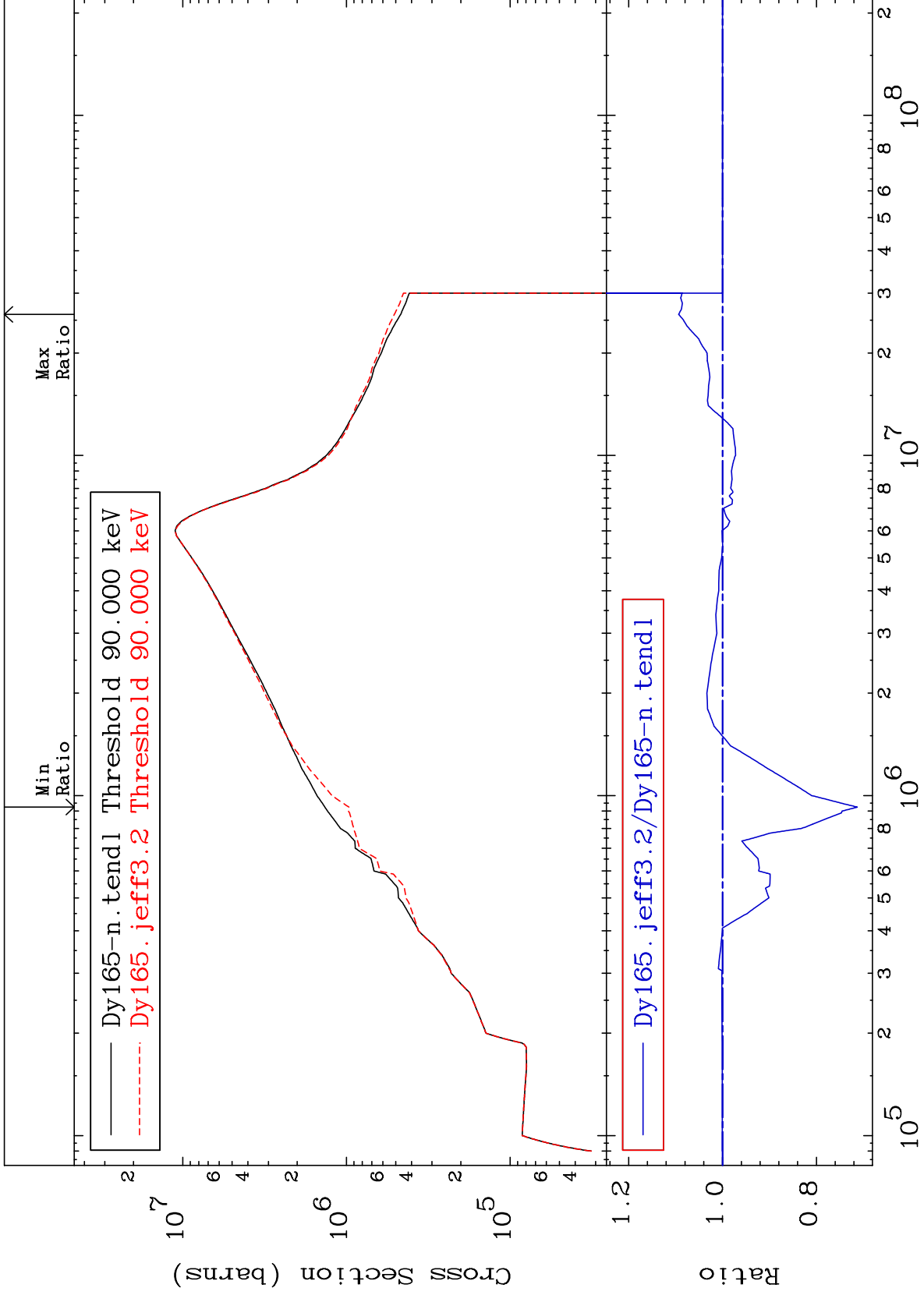
66-Dy-165  
-99.98 To 9999. %



MAT 6652

Kerma inelastic (mt51-91)  
Cross Section

66-Dy-165  
-28.69 To 9.352 %



64

Incident Energy (eV)

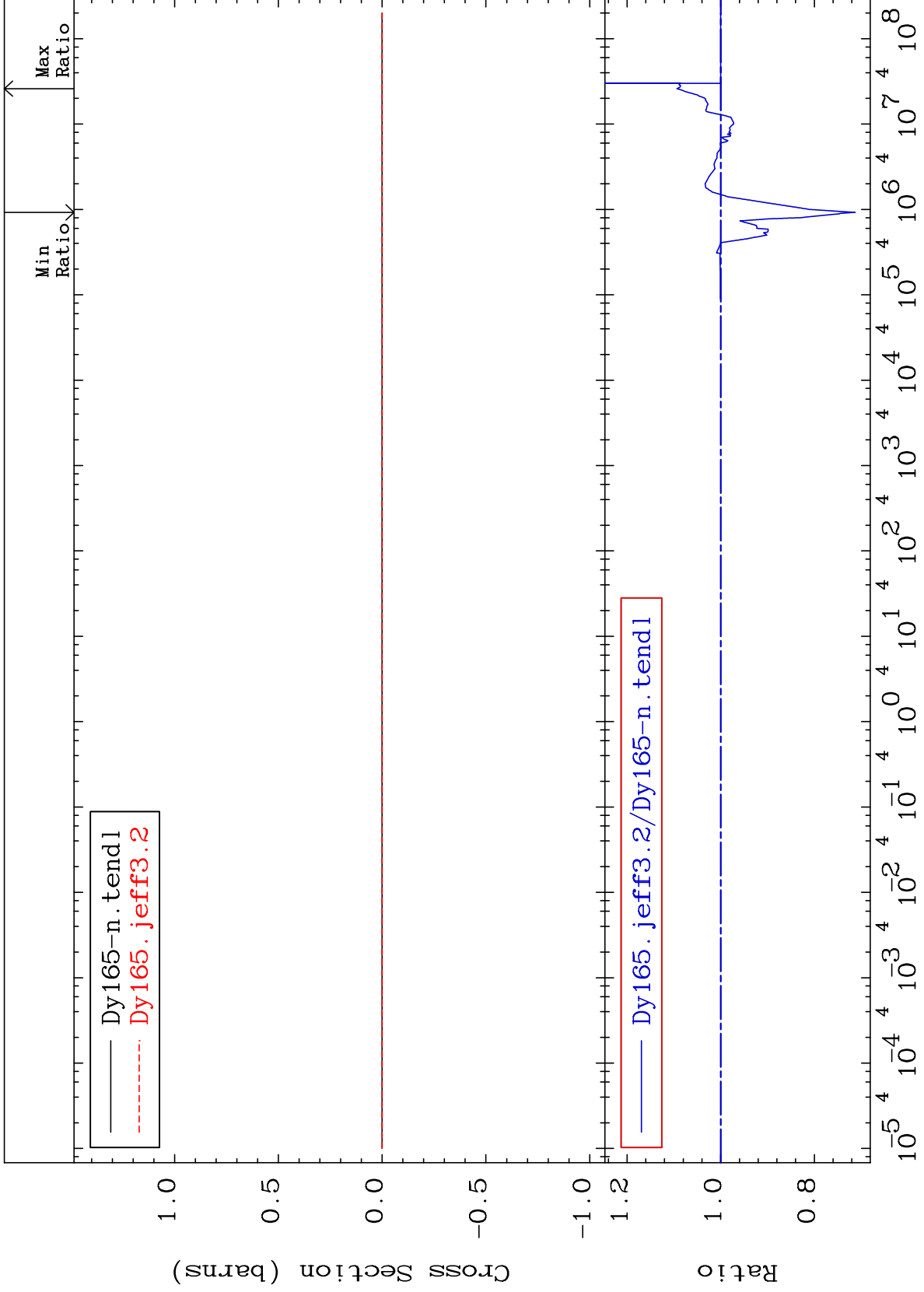
66-Dy-165



MAT 6652

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

66-Dy-165  
-28.69 To 9.352 %



65

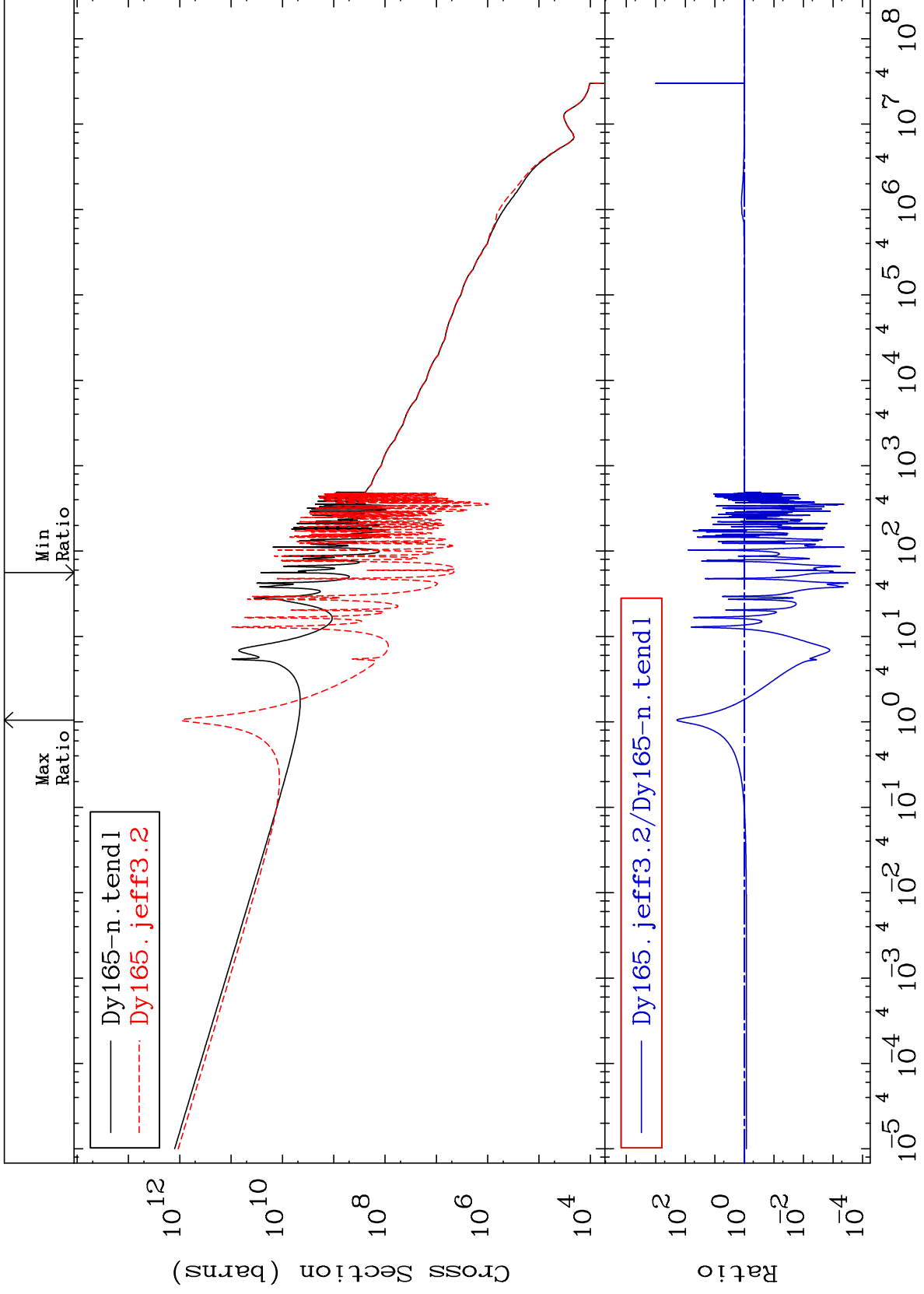
Incident Energy (eV)

66-Dy-165

MAT 6652

Kerma capture (mt102)  
Cross Section

66-Dy-165  
-99.98 To 9999. %



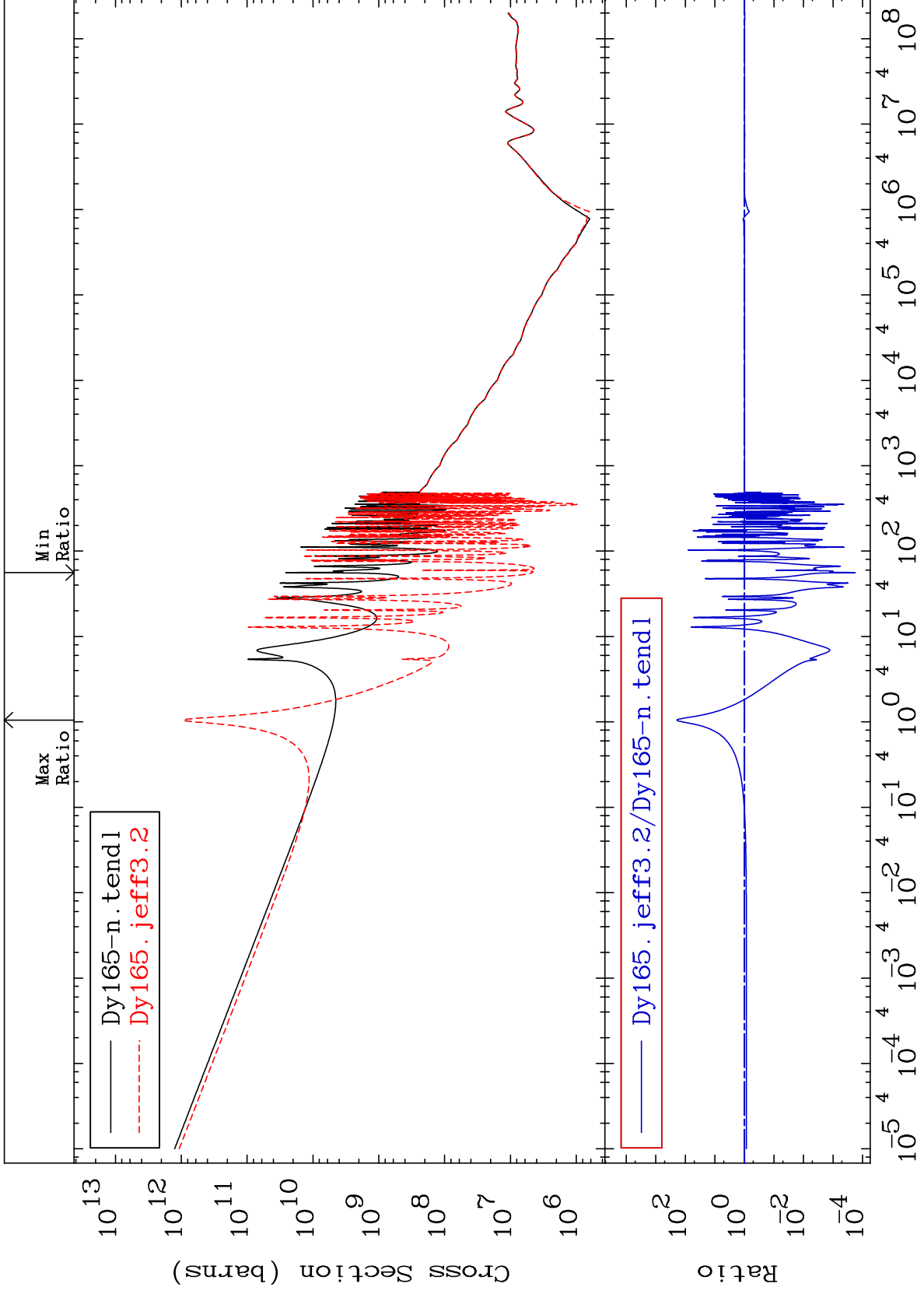
66

66-Dy-165

MAT 6652

Total photon (eV-barns)  
Cross Section

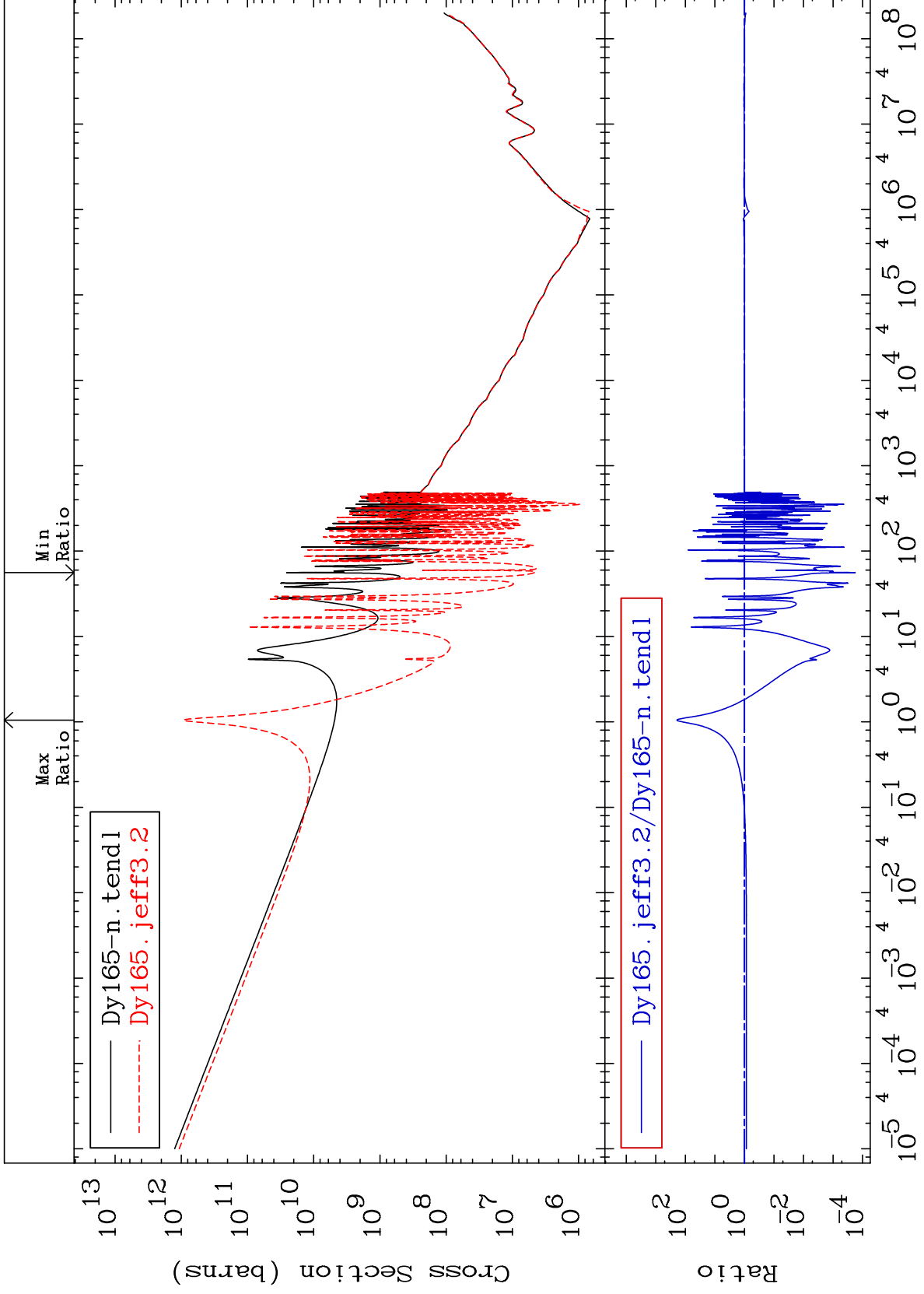
66-Dy-165  
-99.98 To 9999. %



67

Incident Energy (eV)

66-Dy-165



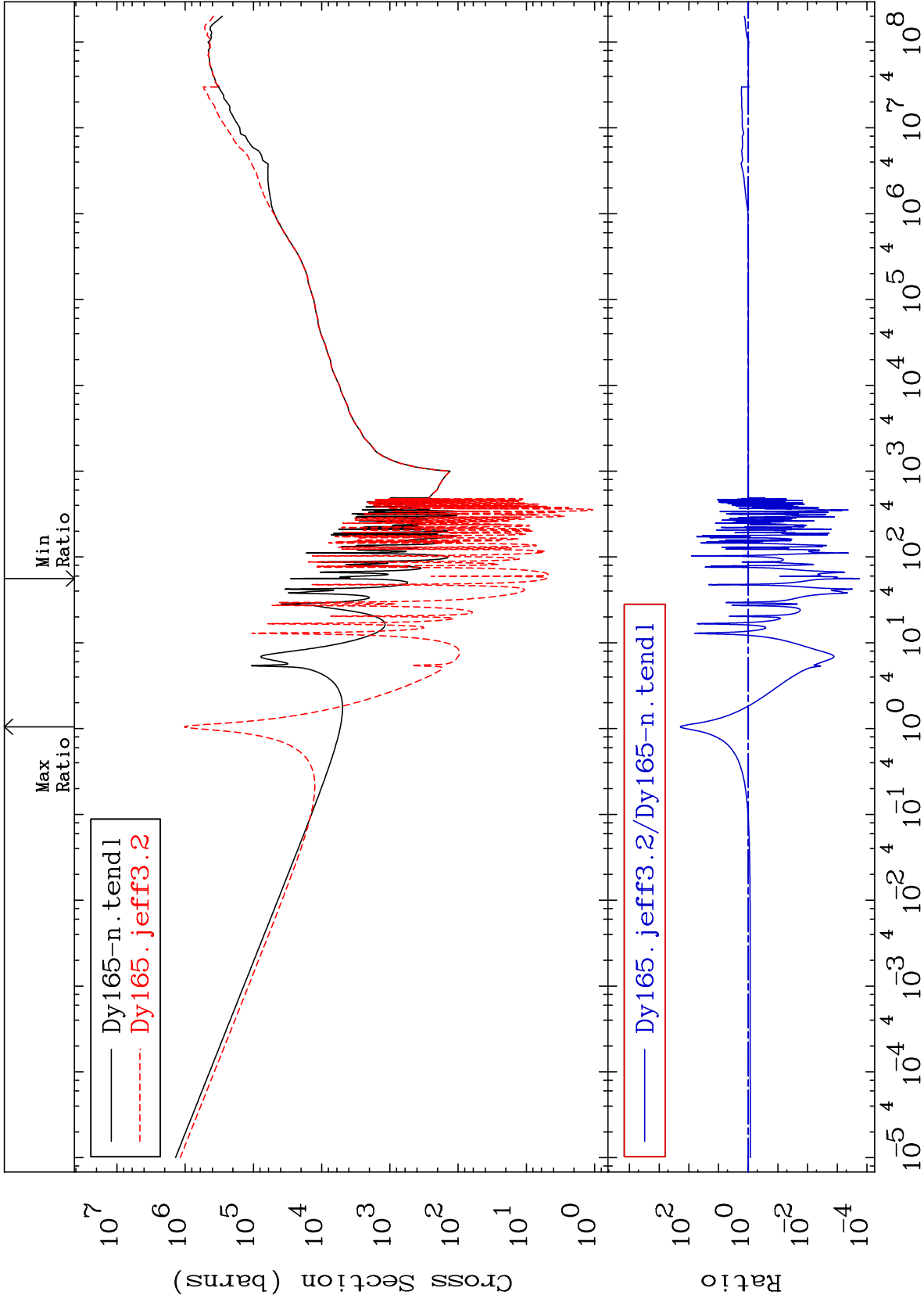
MAT 6652

Dpa total (eV-barns)

66-Dy-165

Cross Section

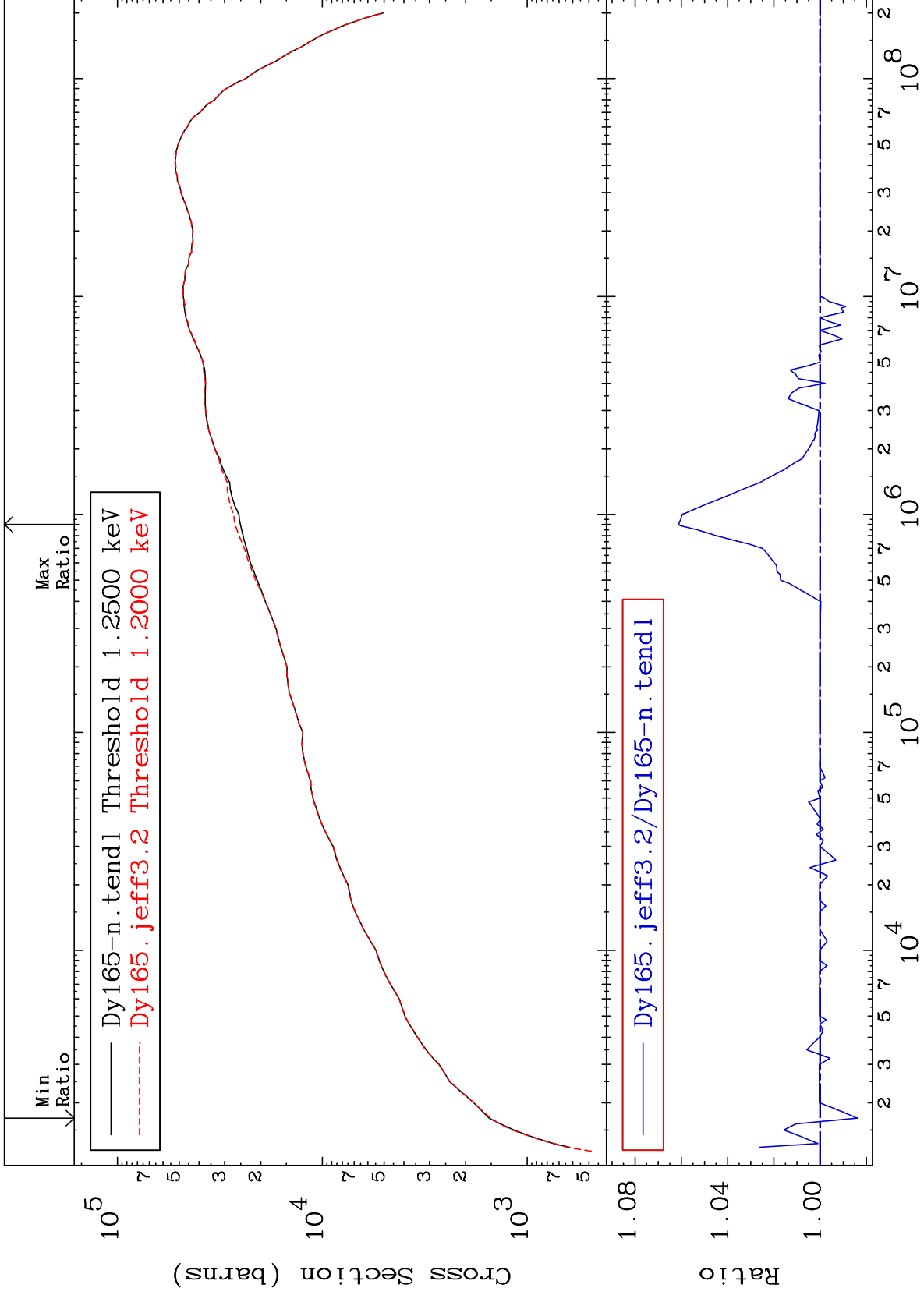
-99.98 To 9999. %



MAT 6652

Dpa elastic (mt2)  
Cross Section

66-Dy-165  
-1.605 To 6.118 %



70

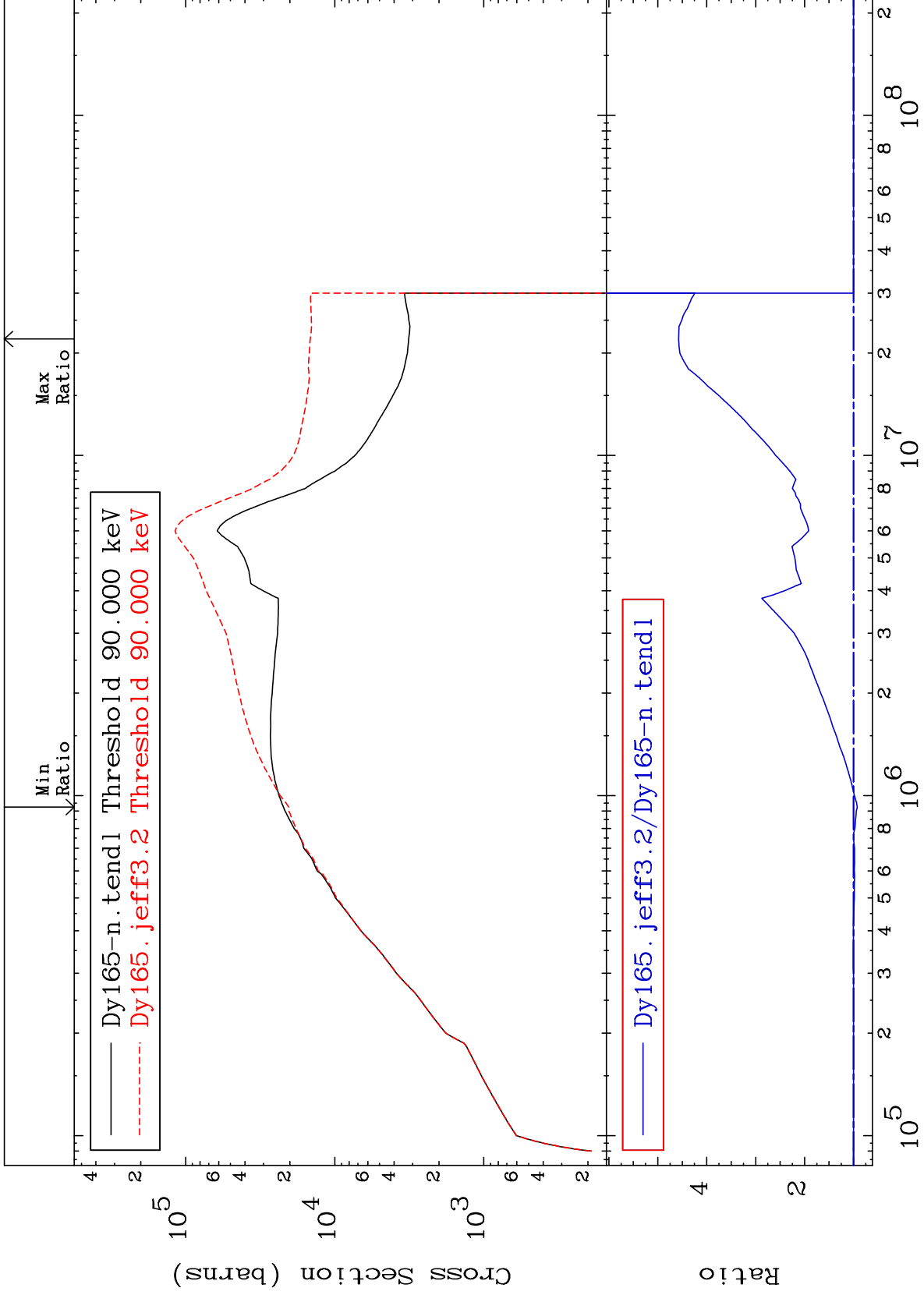
Incident Energy (eV)

66-Dy-165

MAT 6652

Dpa inelastic (mt51-91)  
Cross Section

66-Dy-165  
-7.648 To 357.4 %



71

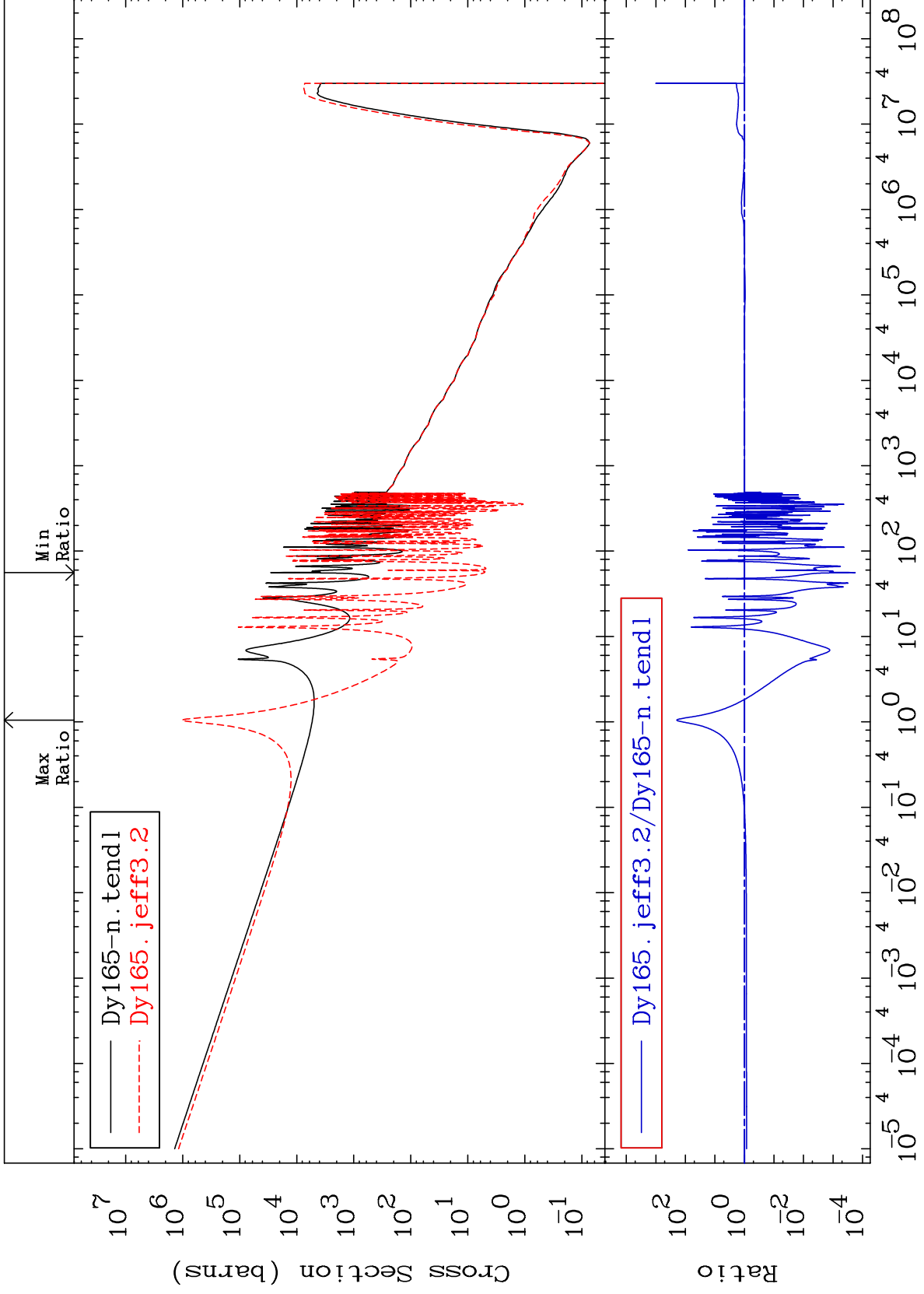
Incident Energy (eV)

66-Dy-165

MAT 6652

Dpa disappearance (mt102 -120)  
Cross Section

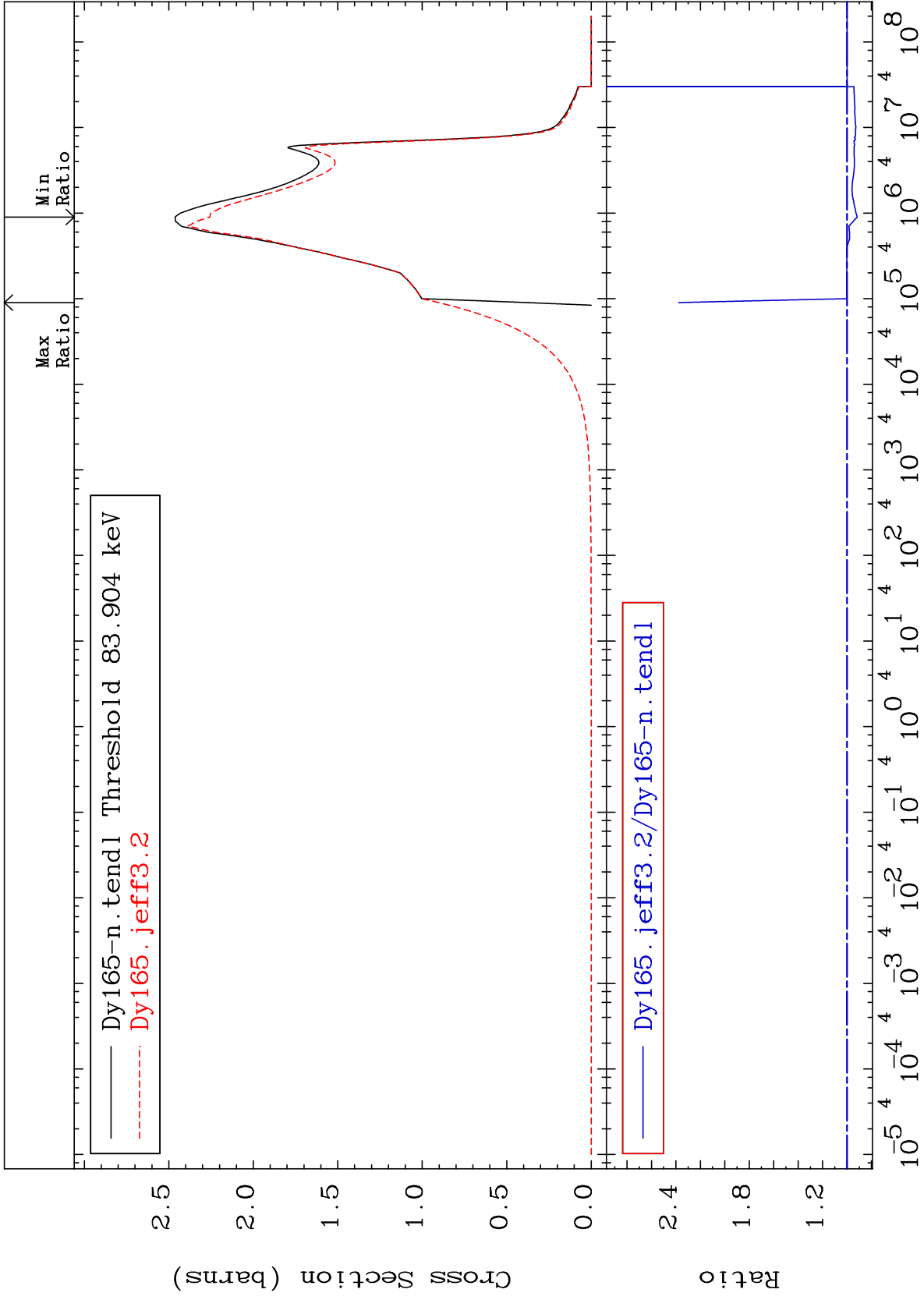
66-Dy-165  
-99.98 To 9999. %





MAT 6652

Inelastic:66-Dy-165  
Radionuclide Production Cross Section -8.372 To 137.8 %



73

Incident Energy (eV)

66-Dy-165

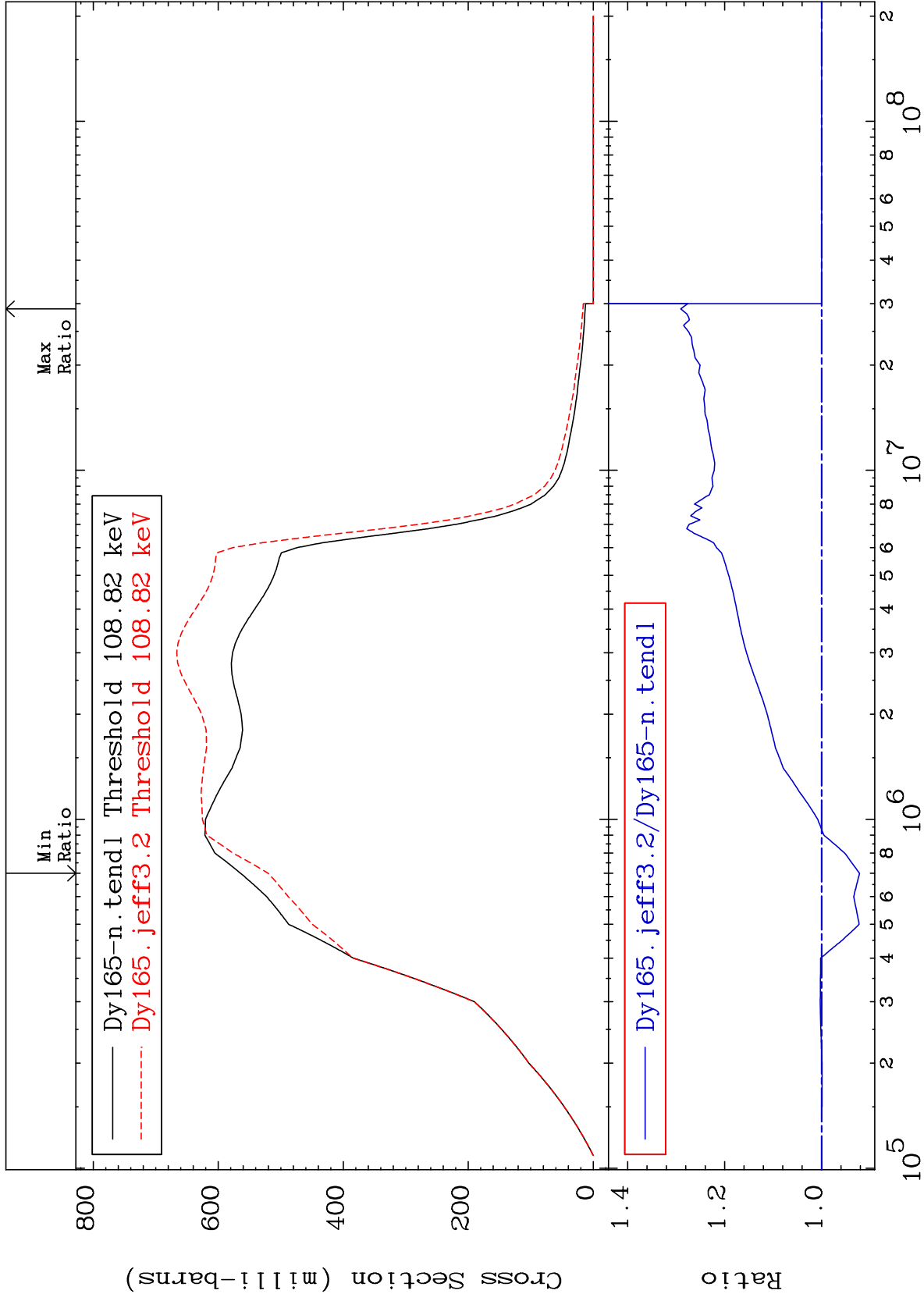
MAT 6652

Inelastic: 66-Dy-165m2

66-Dy-165

Radionuclide Production Cross Section

-7.834 To 29.04 %



74

Incident Energy (eV)

66-Dy-165