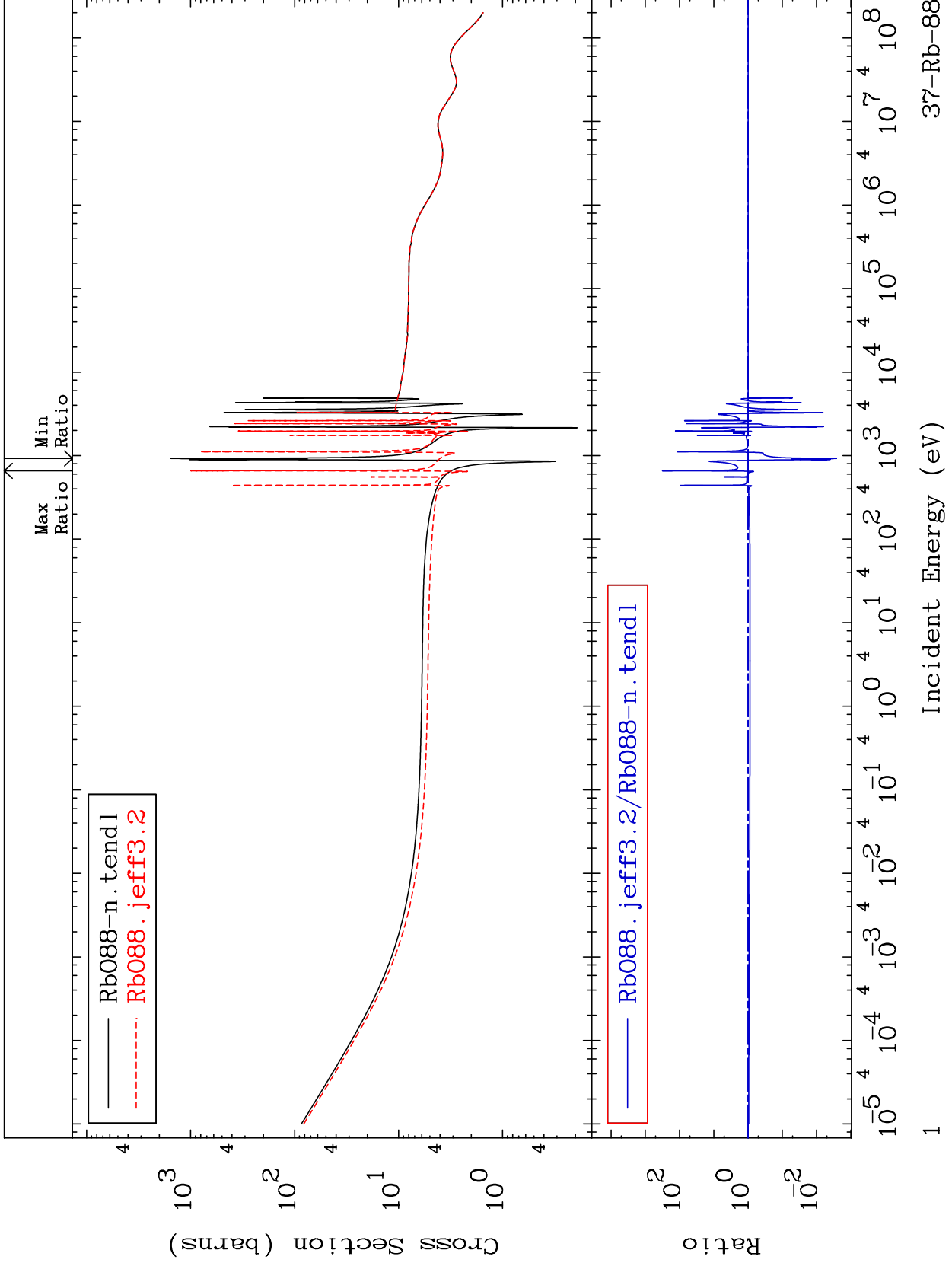


MAT 3734

Total  
Cross Section

37-Rb-88  
-99.74 To 9999. %

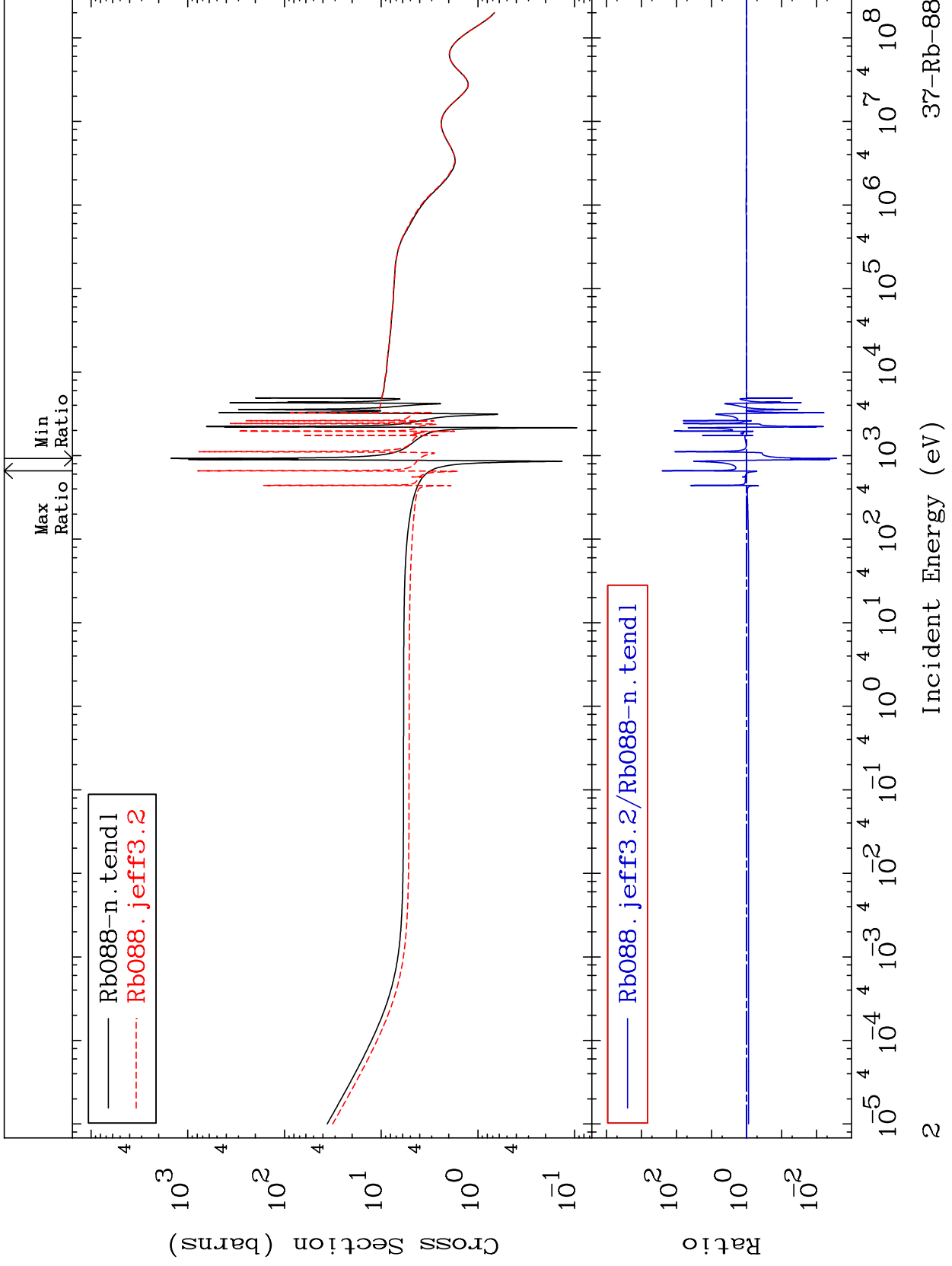


37-Rb-88

MAT 3734

Elastic  
Cross Section

37-Rb-88  
-99.73 To 9999. %

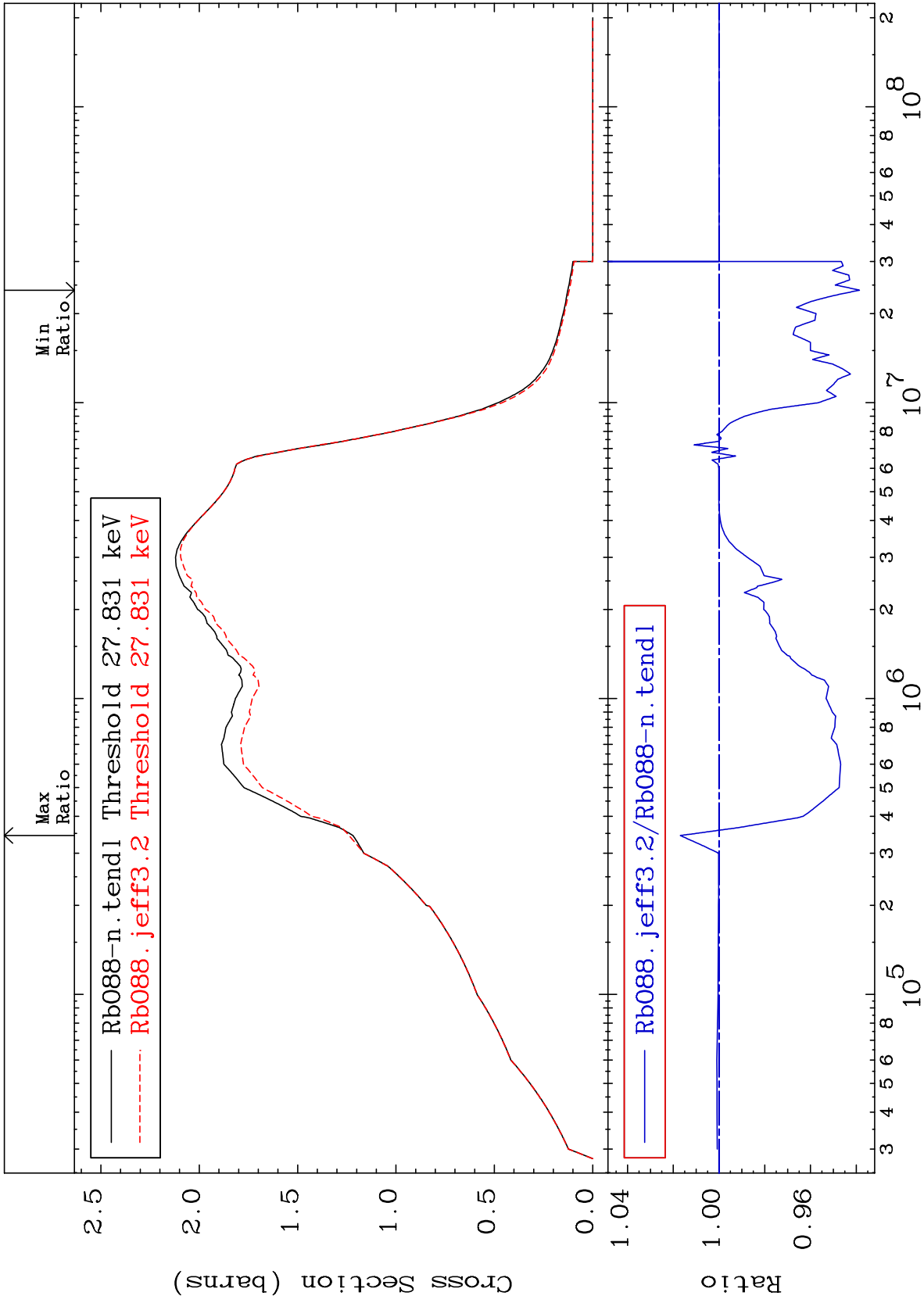


37-Rb-88

MAT 3734

Inelastic  
Cross Section

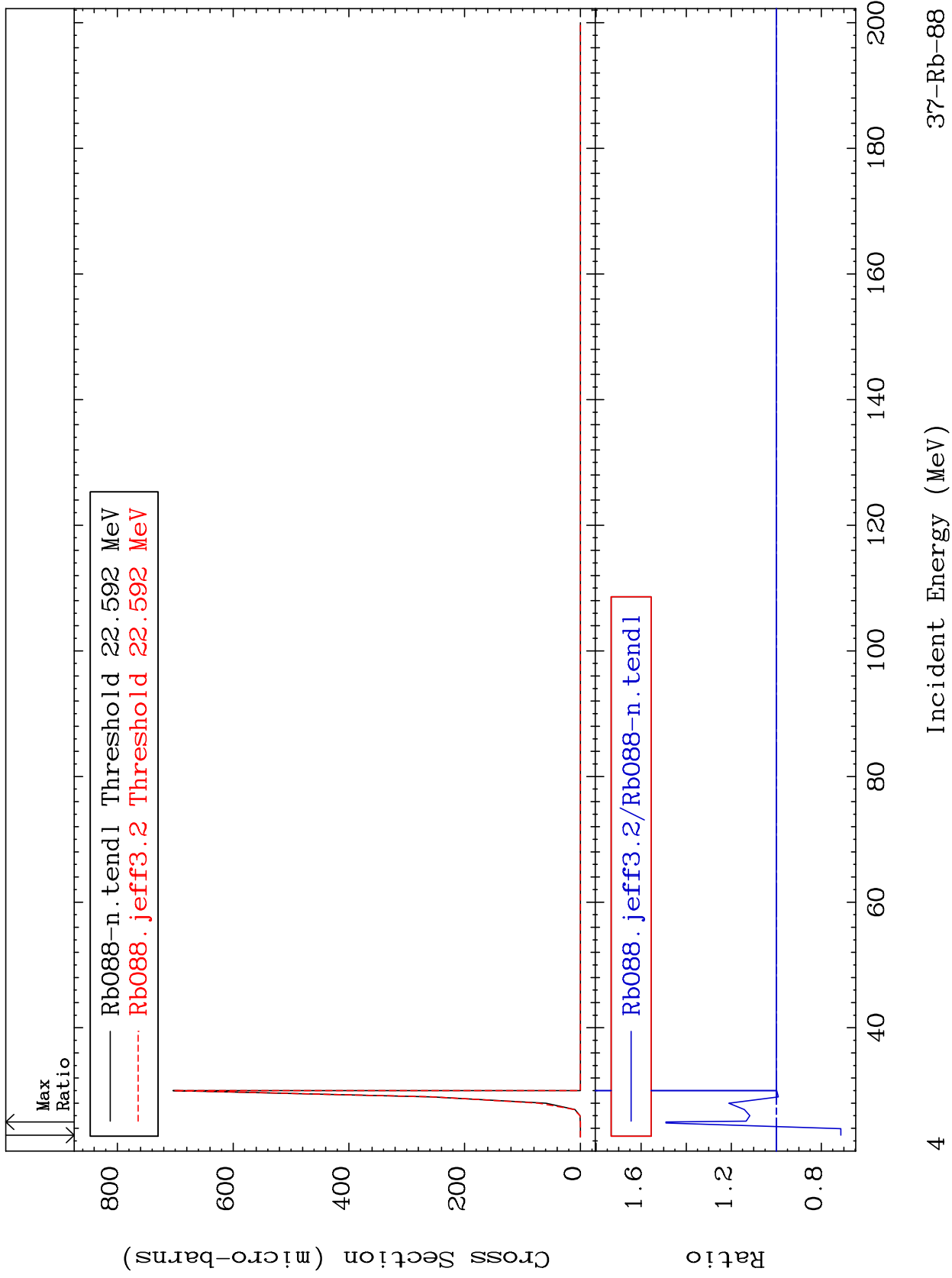
<sup>37</sup>Rb-88  
-6.138 To 1.690 %



MAT 3734

(n,2n) d  
Cross Section

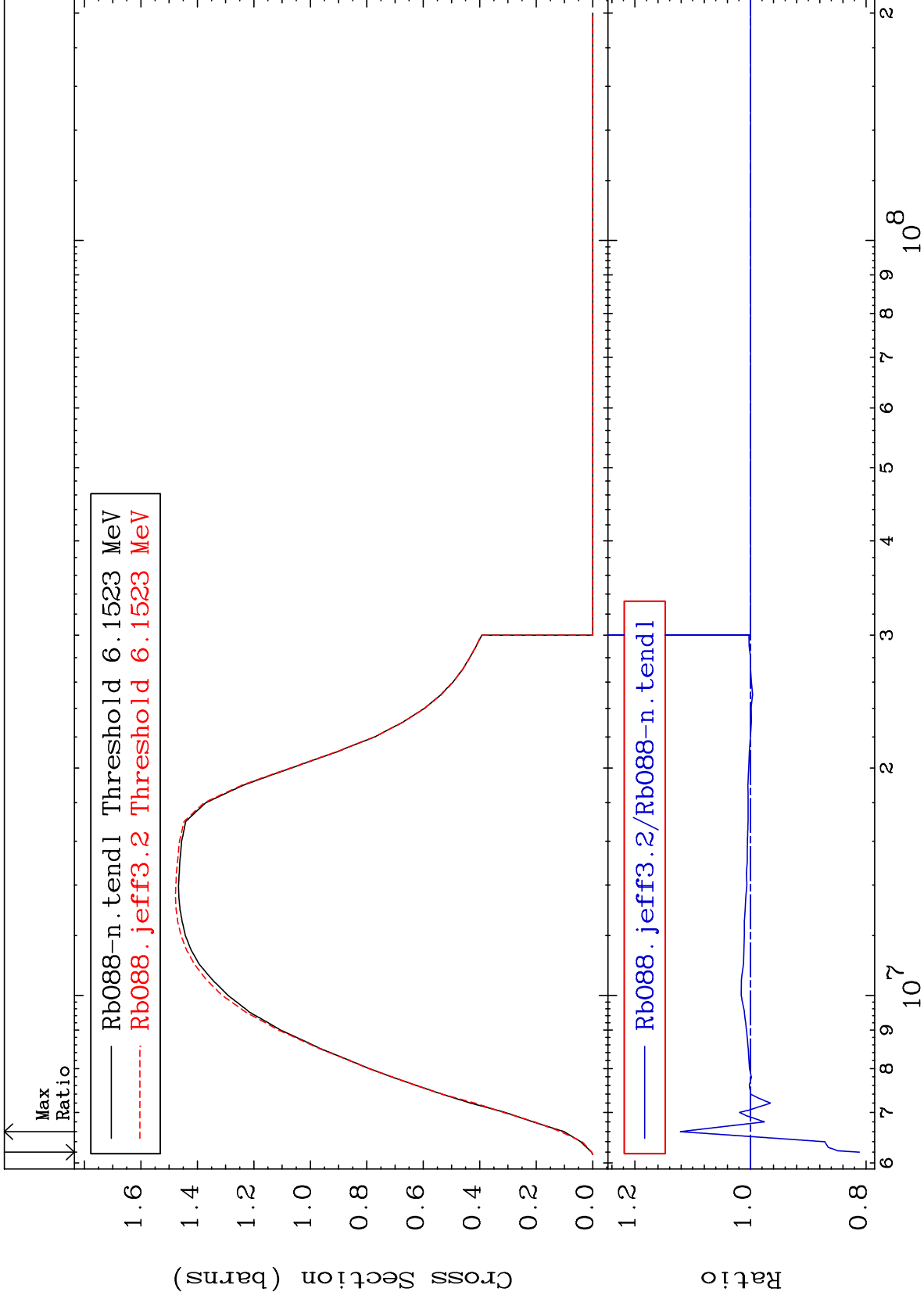
<sup>37</sup>Rb-88  
-28.64 To 48.98 %

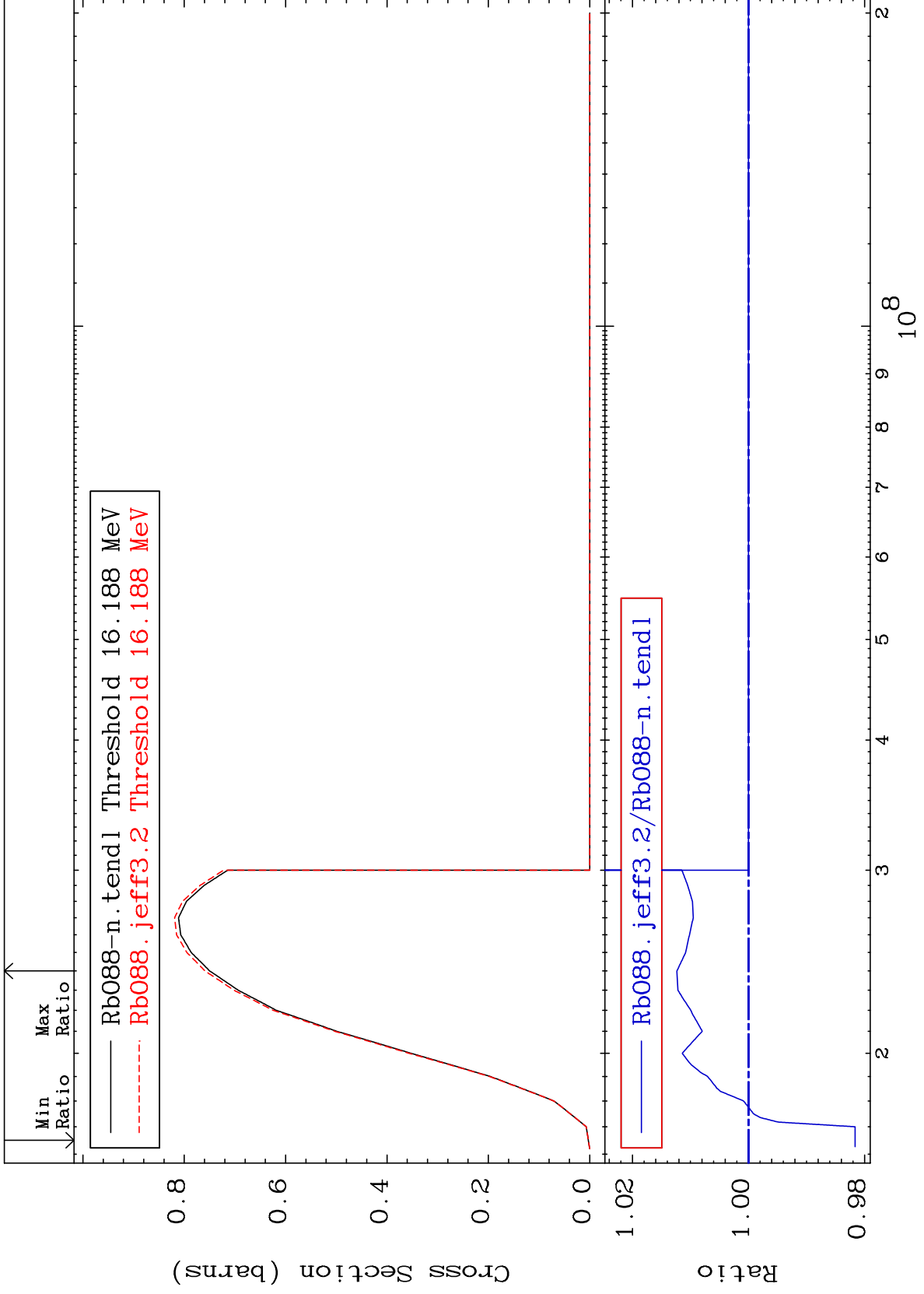


MAT 3734

(n,2n)  
Cross Section

37-Rb-88  
-18.86 To 12.14 %

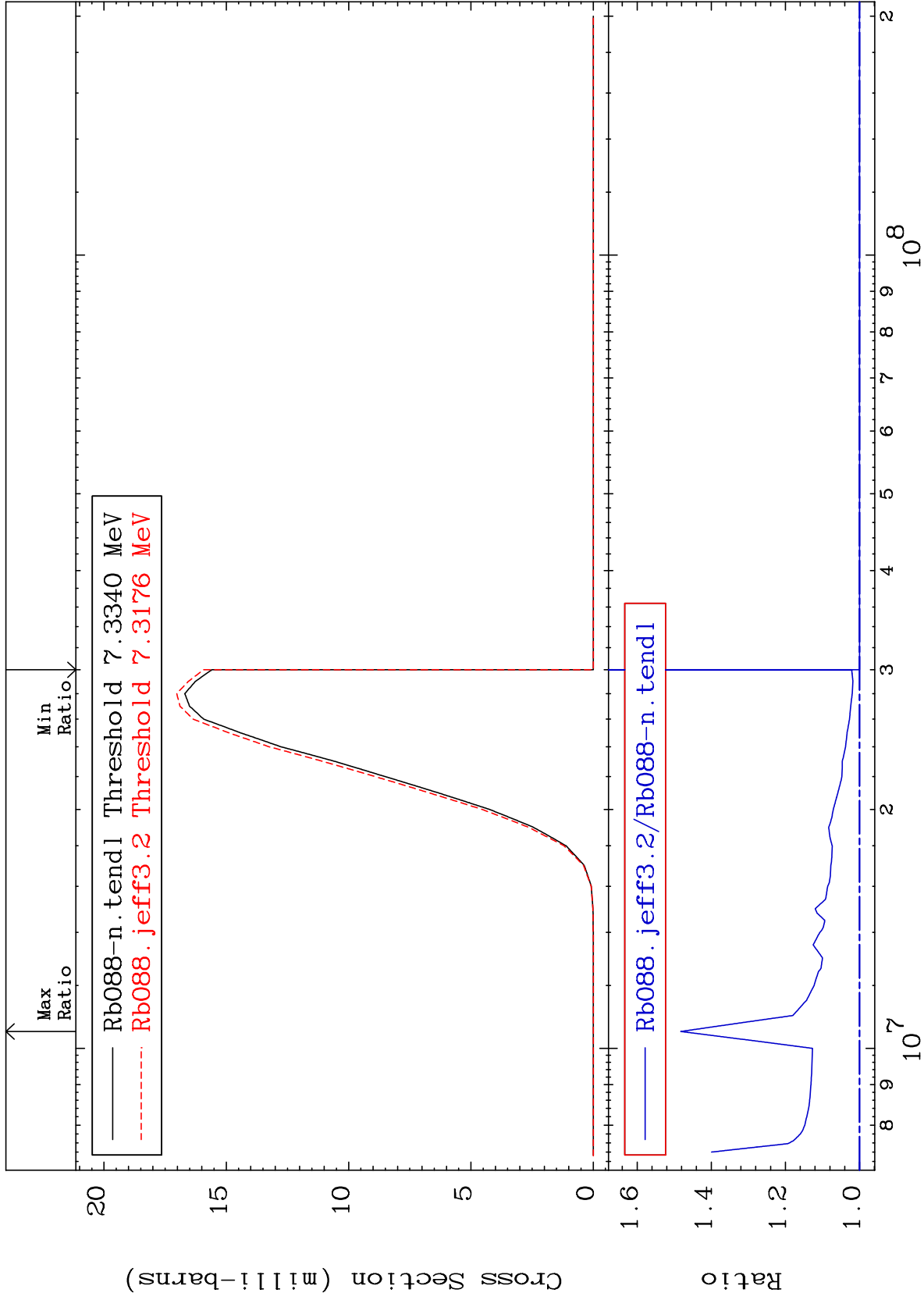




MAT 3734

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

$^{37}\text{Rb-88}$   
0.000 To 48.22 %



7

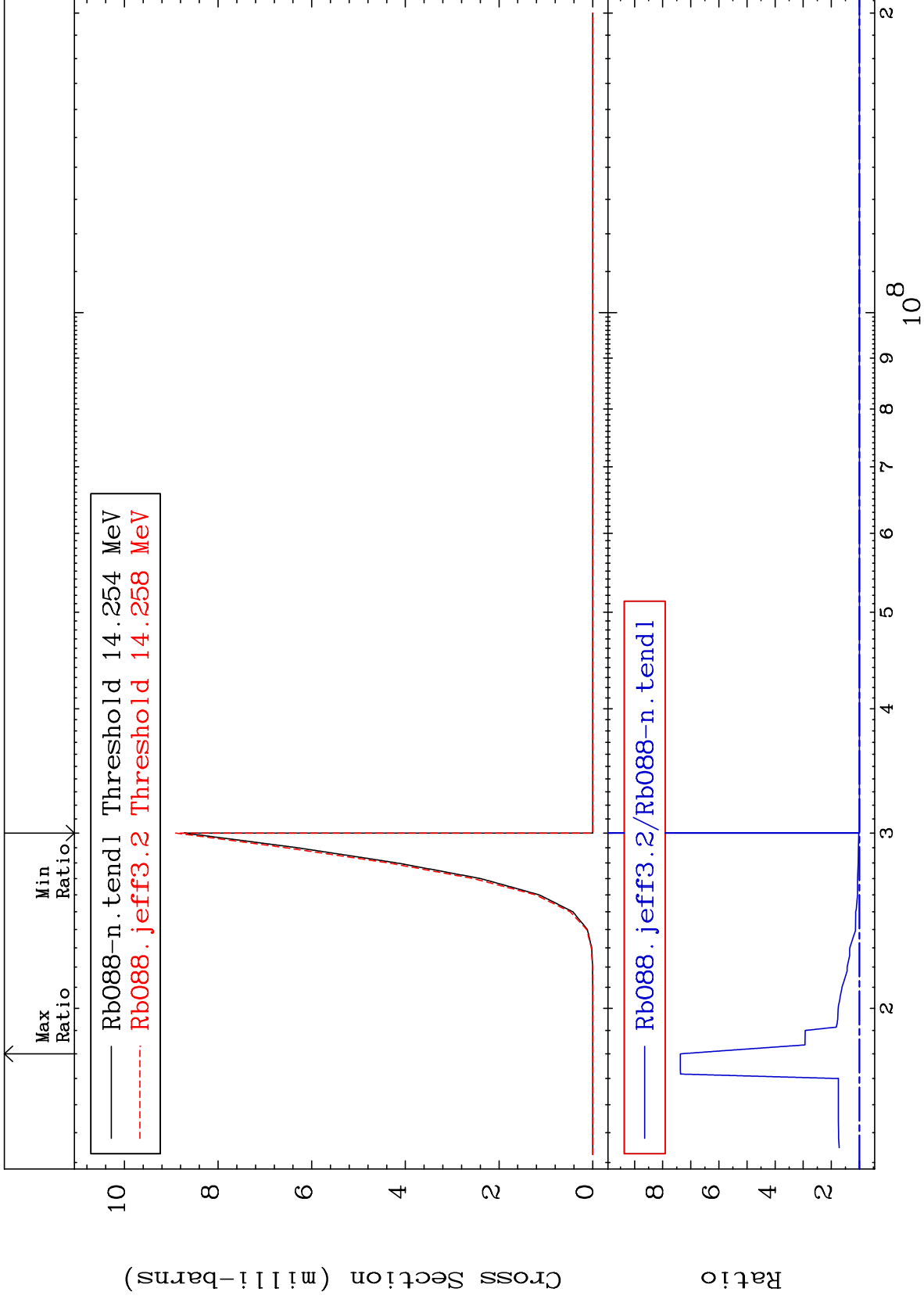
$^{37}\text{Rb-88}$

$^{37}\text{Rb-88}$

MAT 3734

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

$^{37}\text{Rb-88}$   
0.000 To 637.1 %

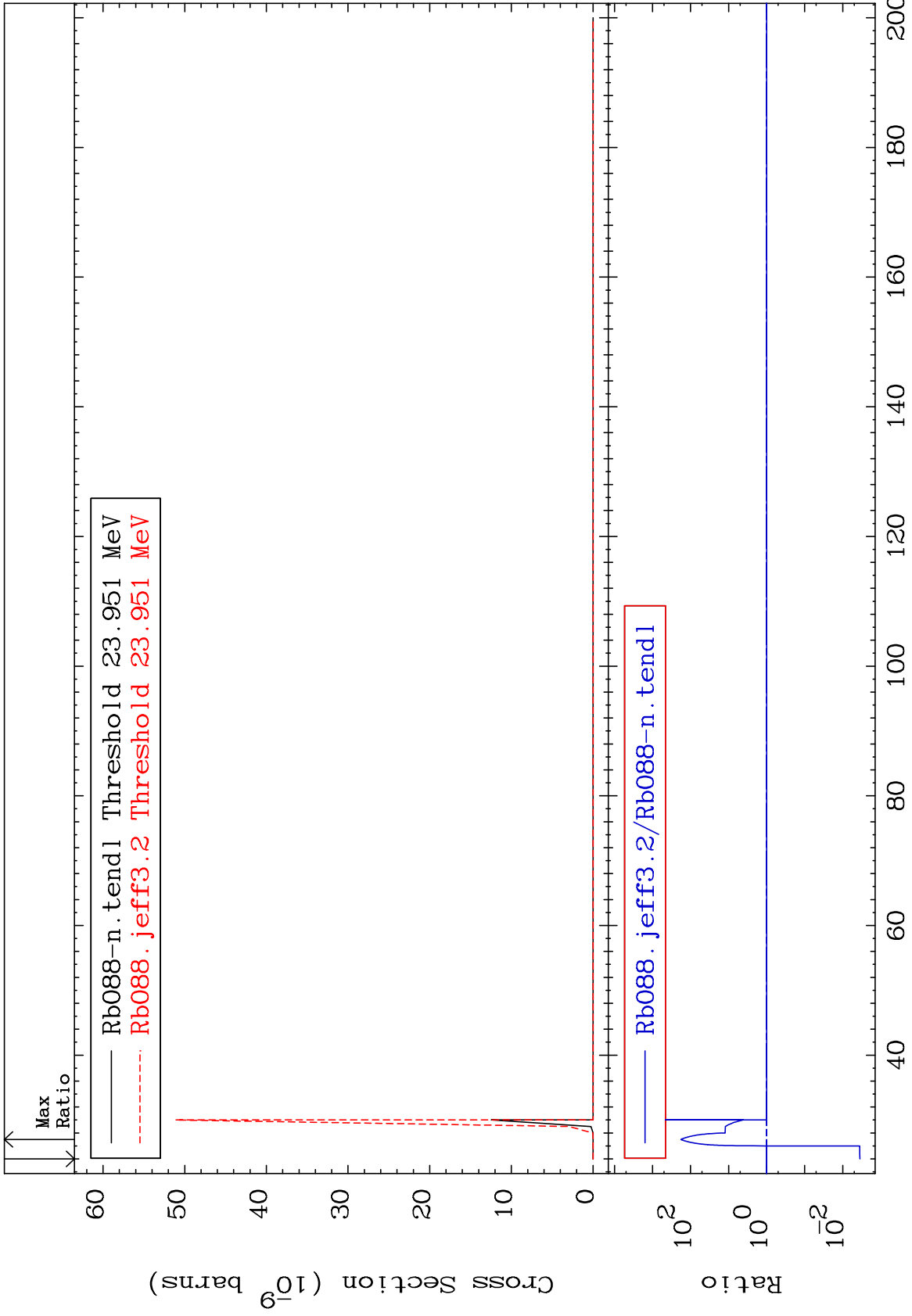




MAT 3734

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

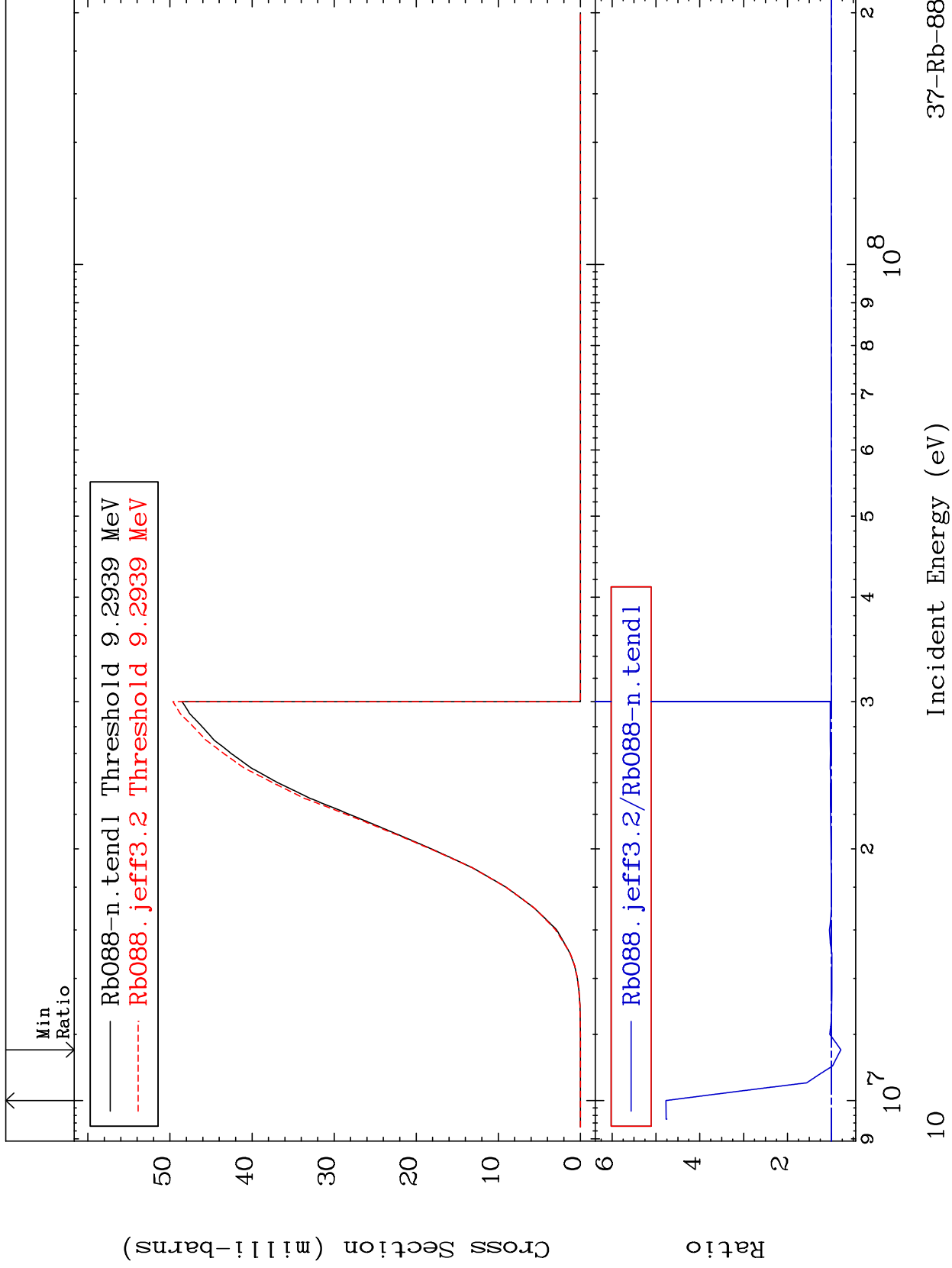
37-Rb-88  
-99.65 To 9999. %

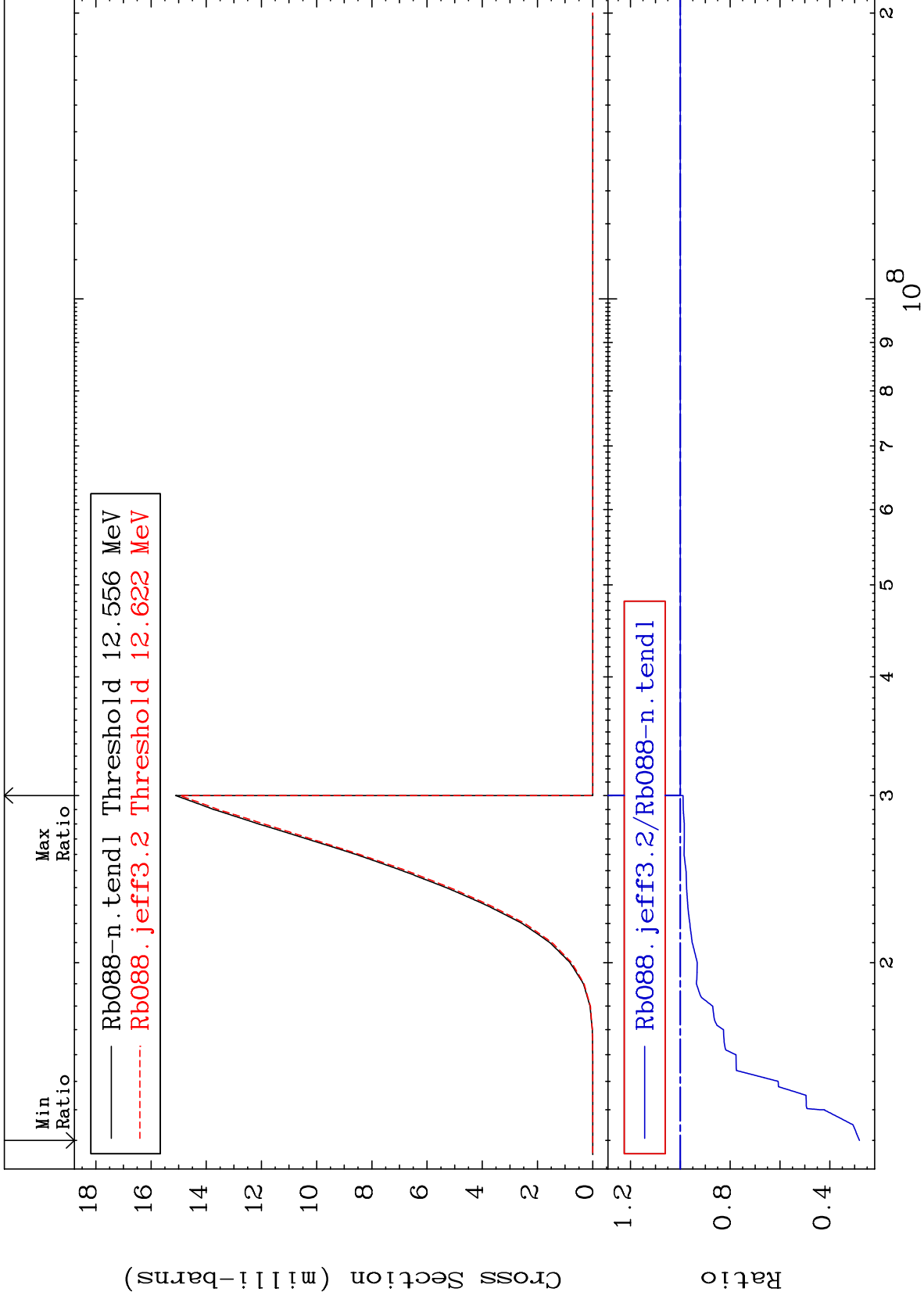


MAT 3734

(n, n') p  
Cross Section

<sup>37</sup>Rb-88  
-21.80 To 377.2 %

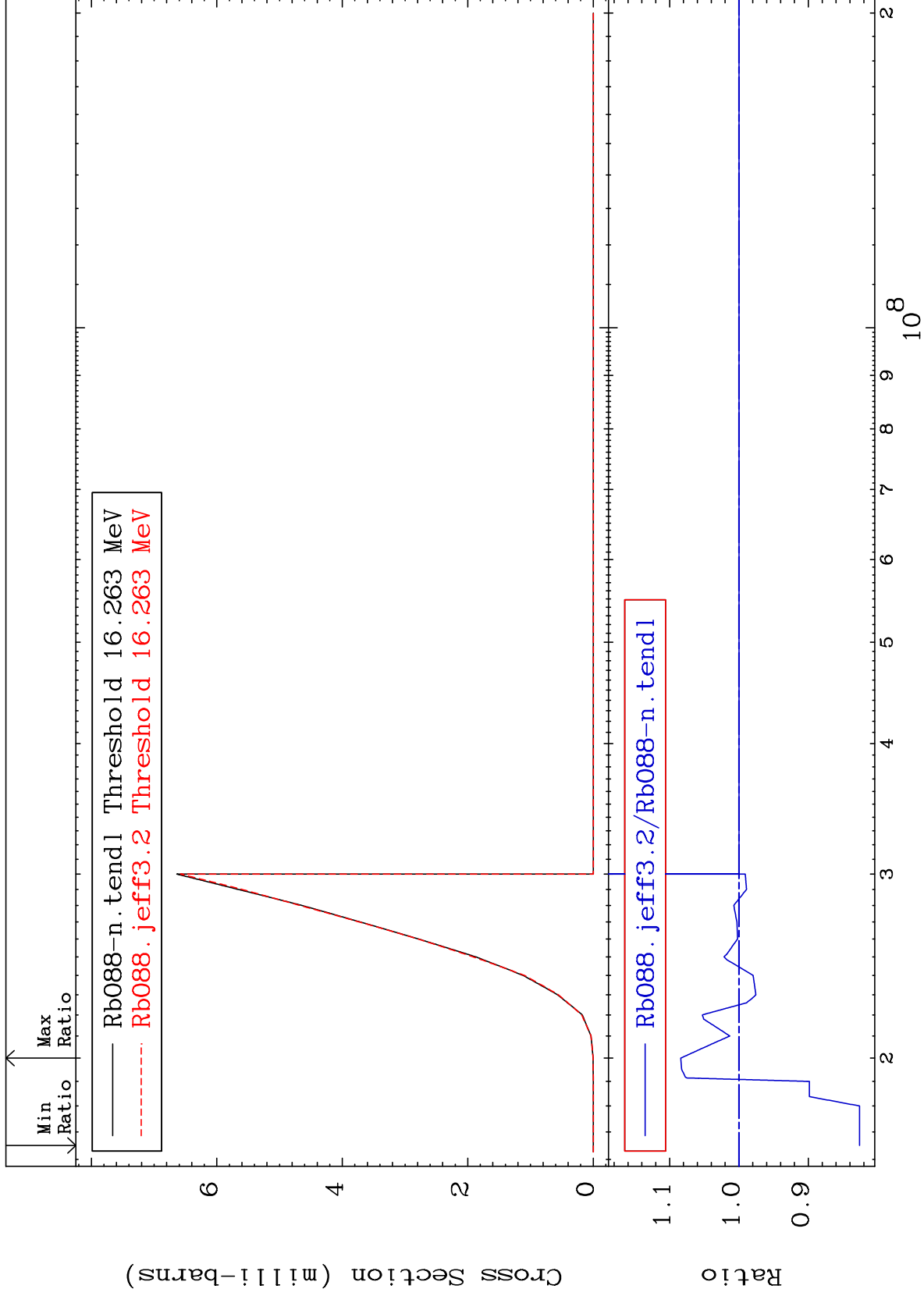




MAT 3734

(n,n') t  
Cross Section

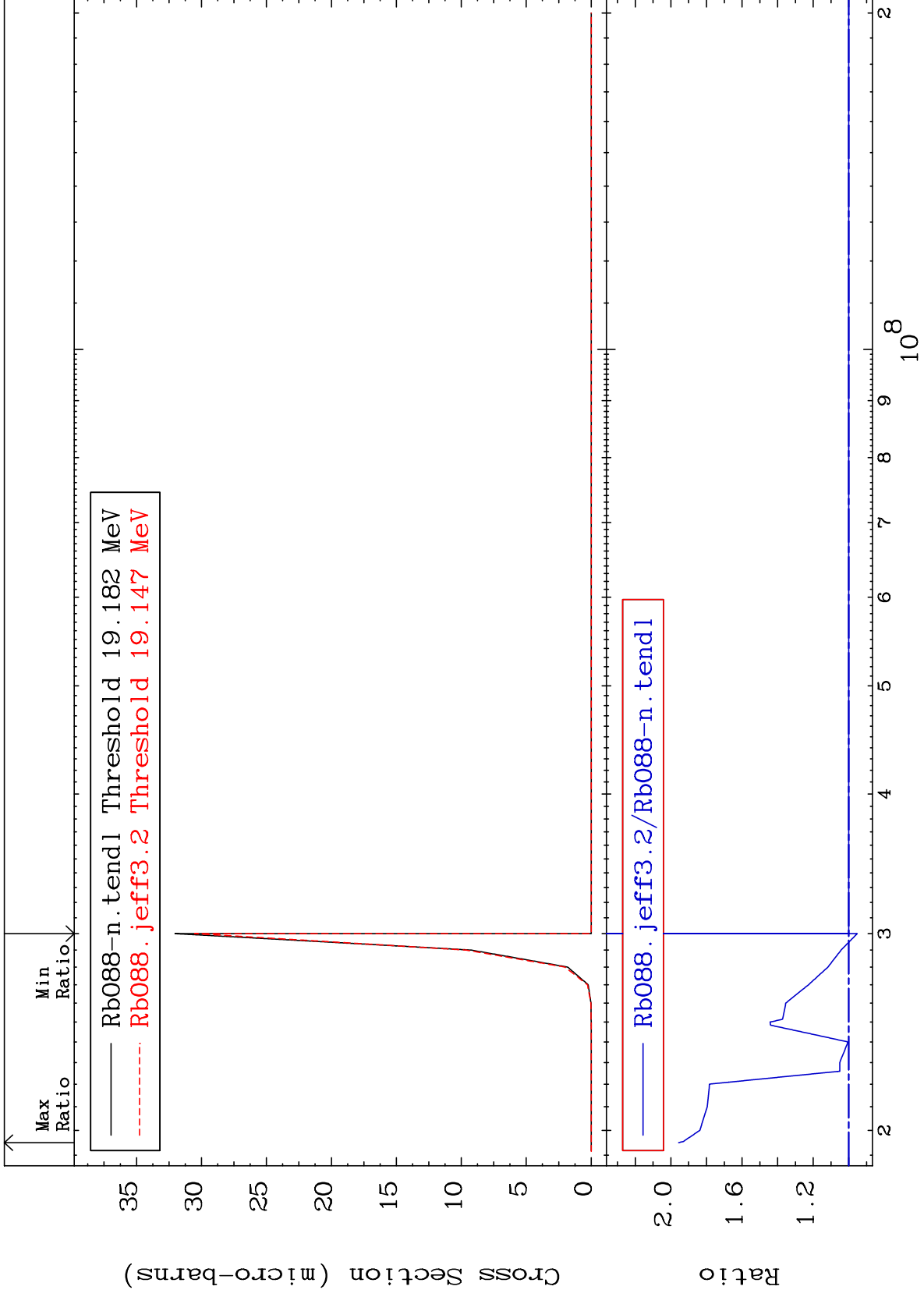
37-Rb-88  
-17.38 To 8.389 %



MAT 3734

(n, n') He-3  
Cross Section

37-Rb-88  
-4.776 To 95.64 %



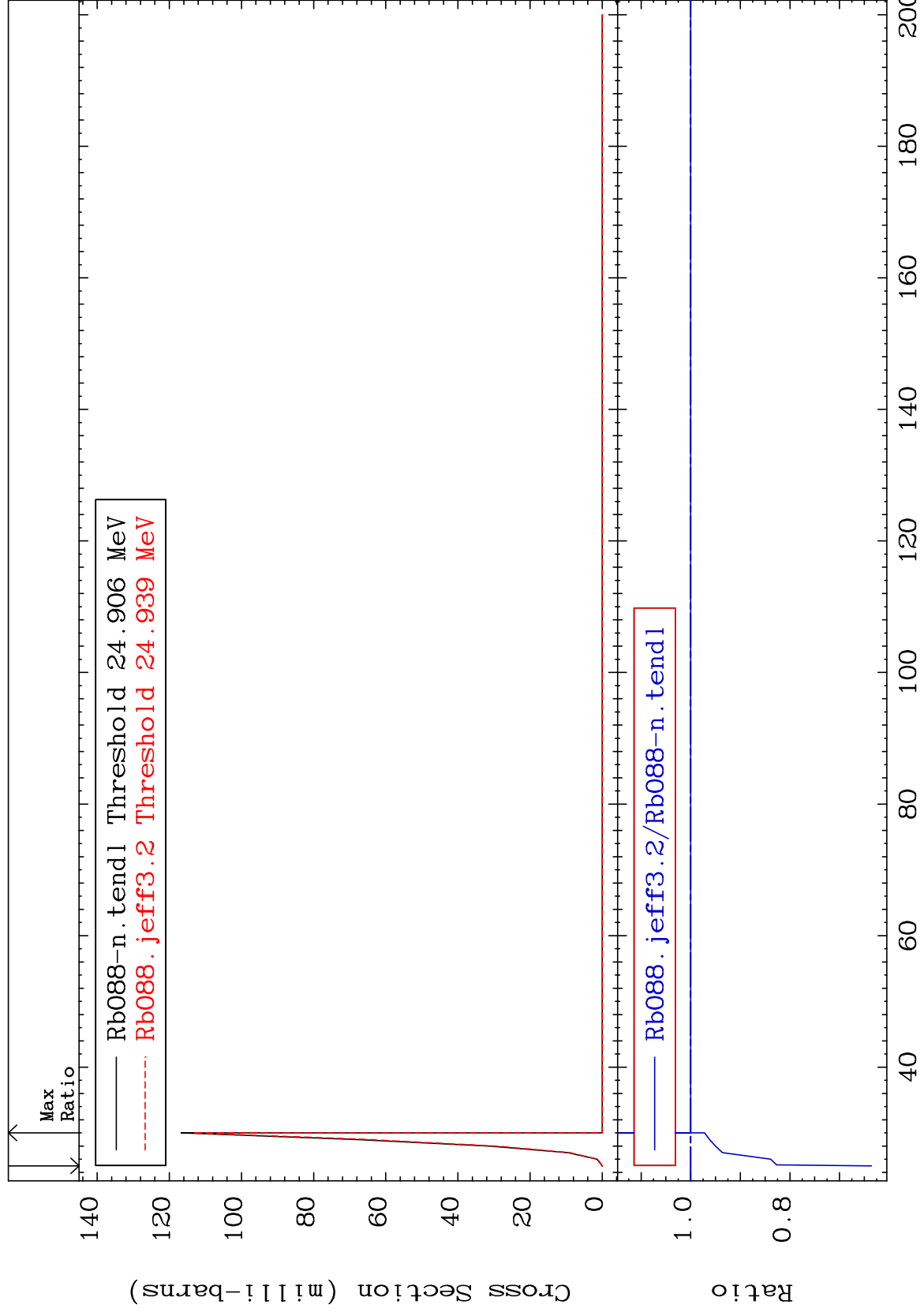
MAT 3734

(n,4n)

<sup>37</sup>Rb-88

Cross Section

-36.44 To 0.000 %



14

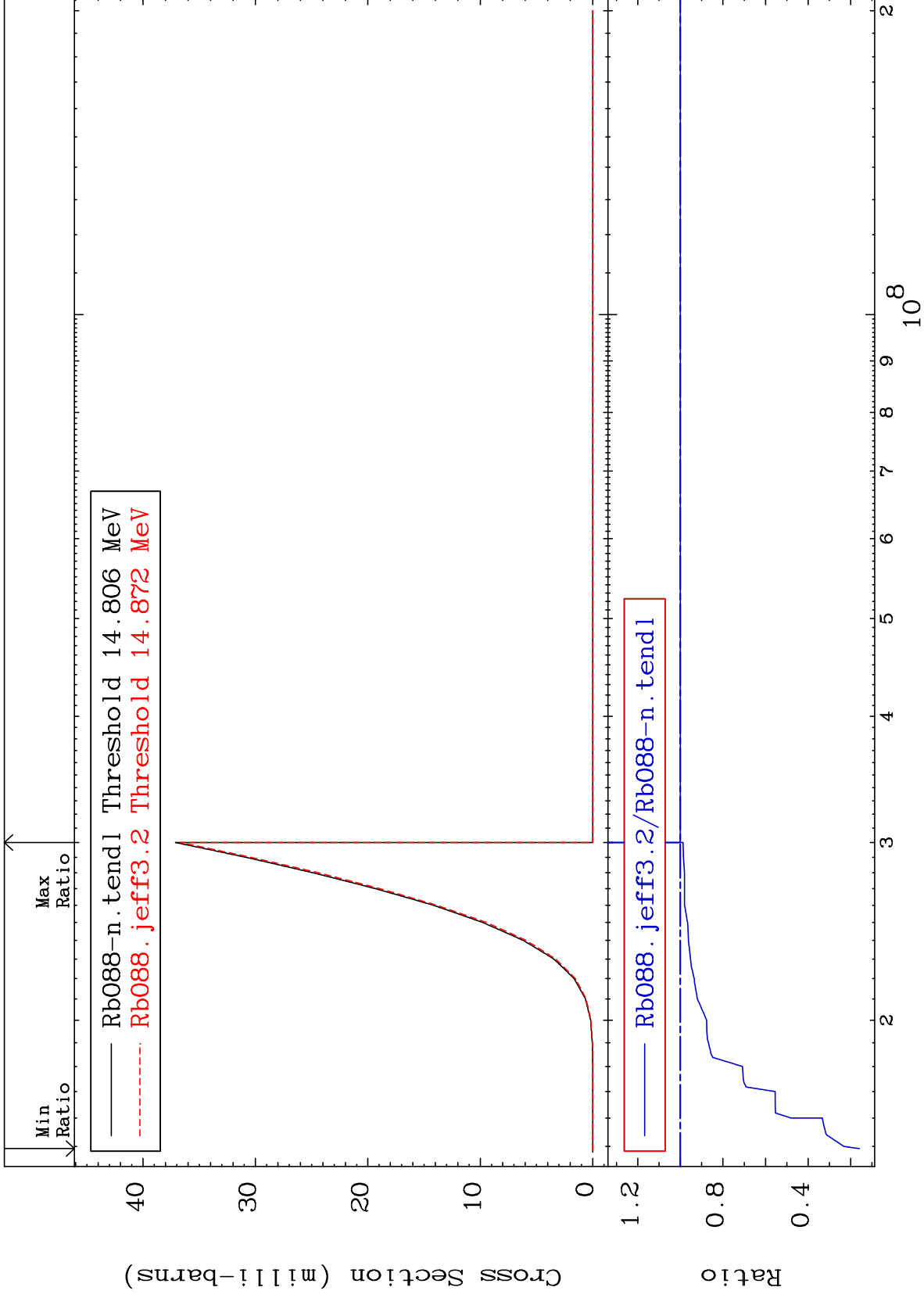
Incident Energy (MeV)

<sup>37</sup>Rb-88

MAT 3734

(n,2n) p  
Cross Section

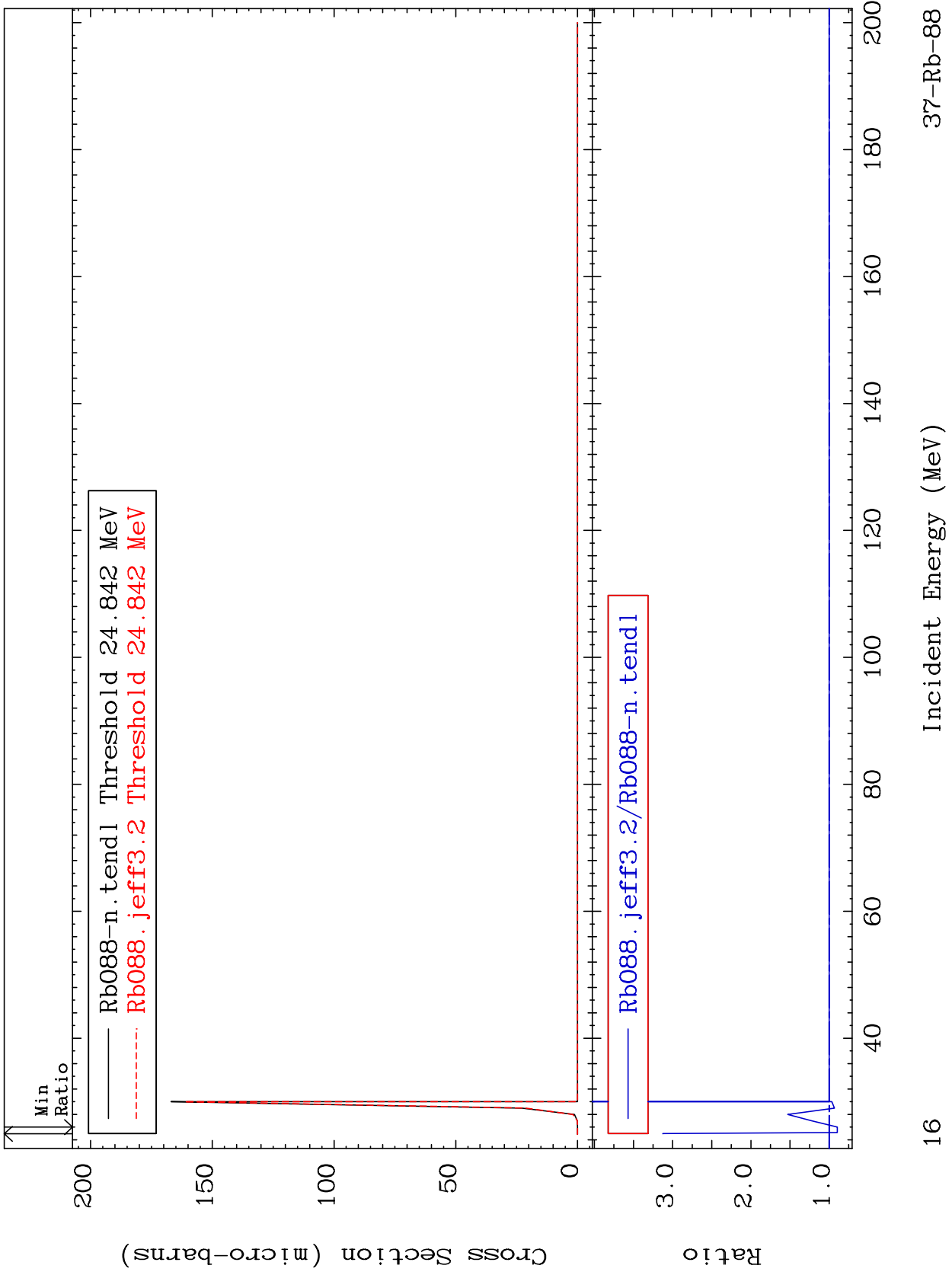
<sup>37</sup>Rb-88  
-84.09 To 0.000 %



MAT 3734

(n,3n) p  
Cross Section

37-Rb-88  
-10.36 To 212.5 %

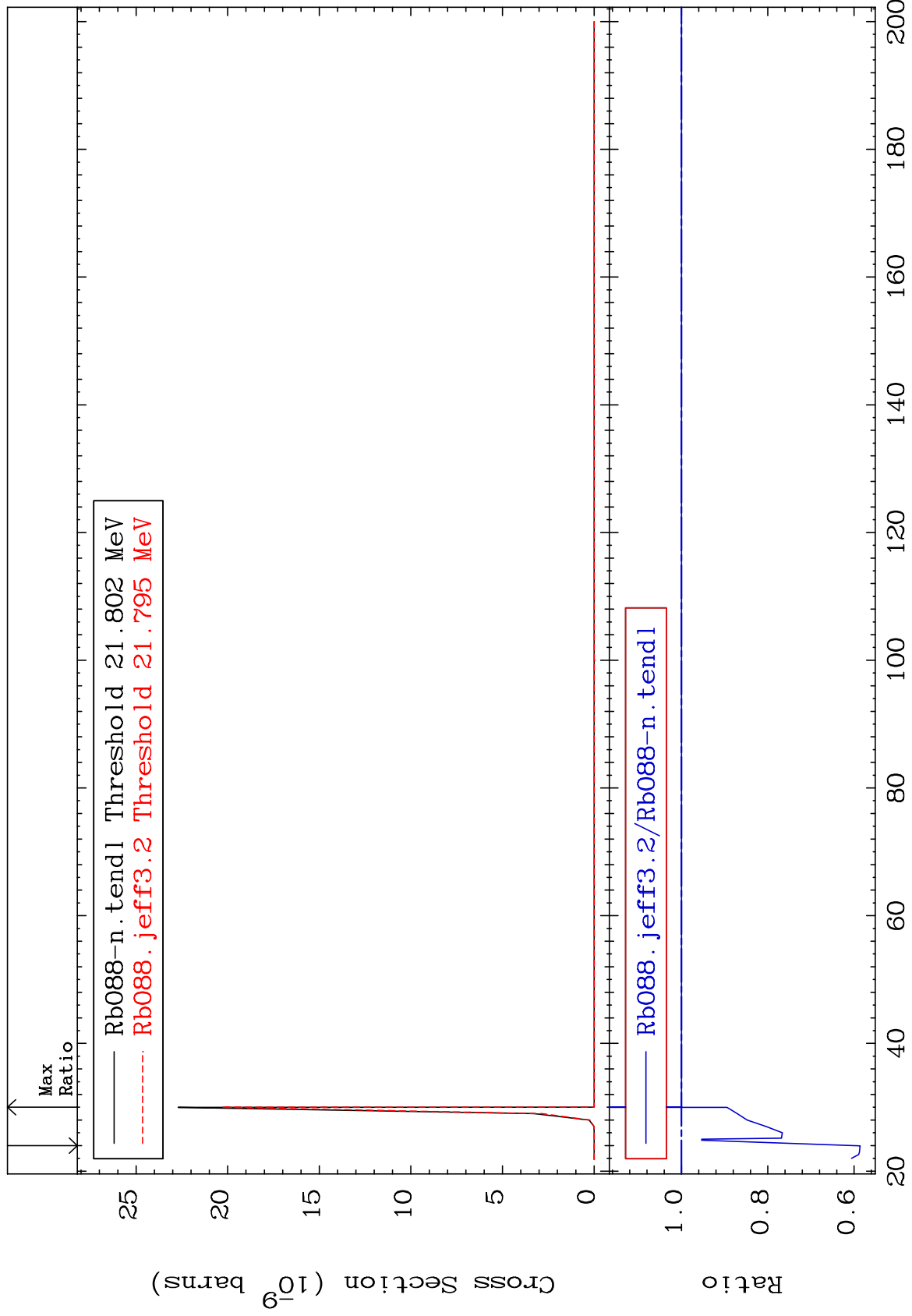




MAT 3734

(n,2n) p  
Cross Section

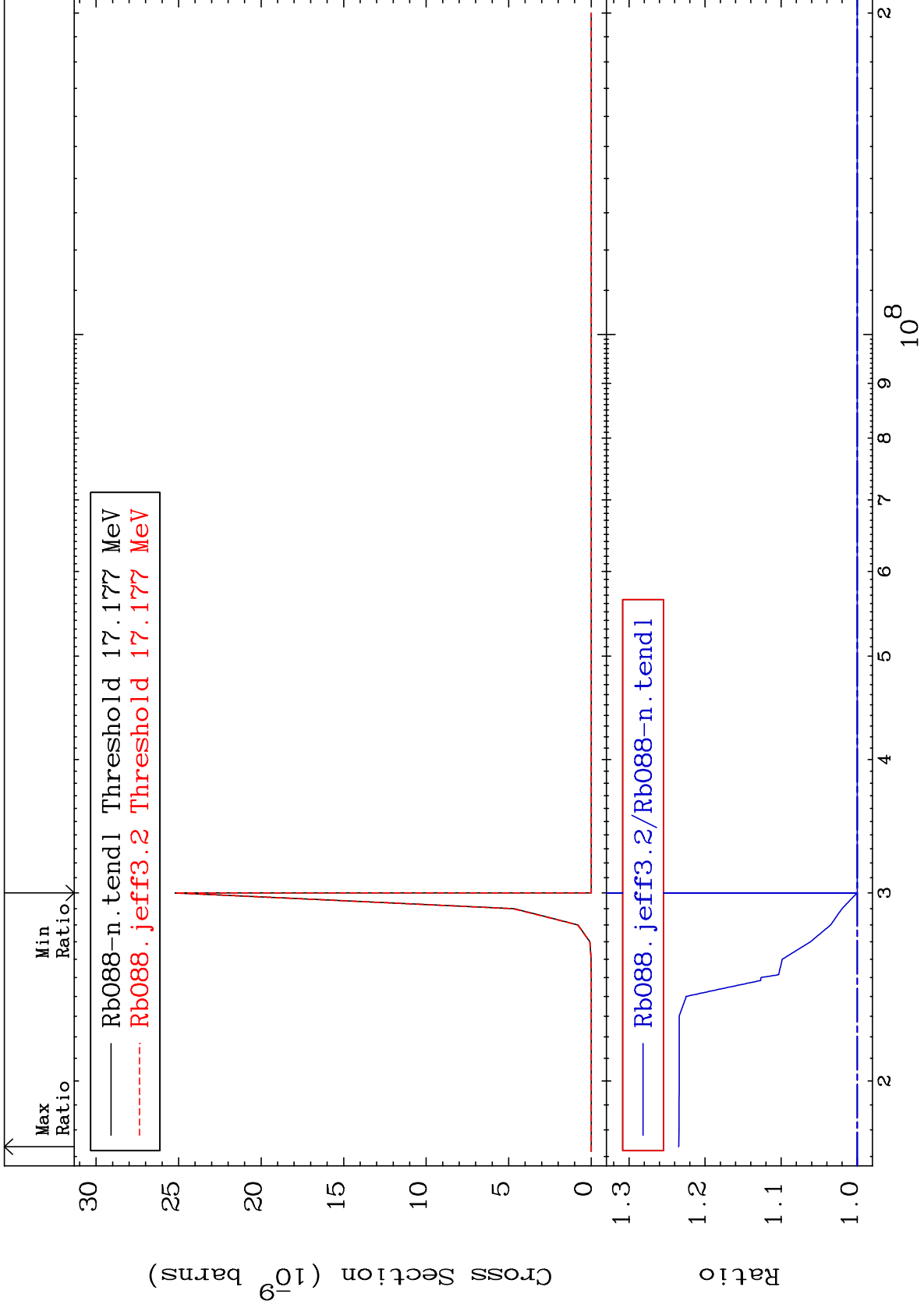
<sup>37</sup>Rb-88  
-41.39 To 0.000 %



MAT 3734

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

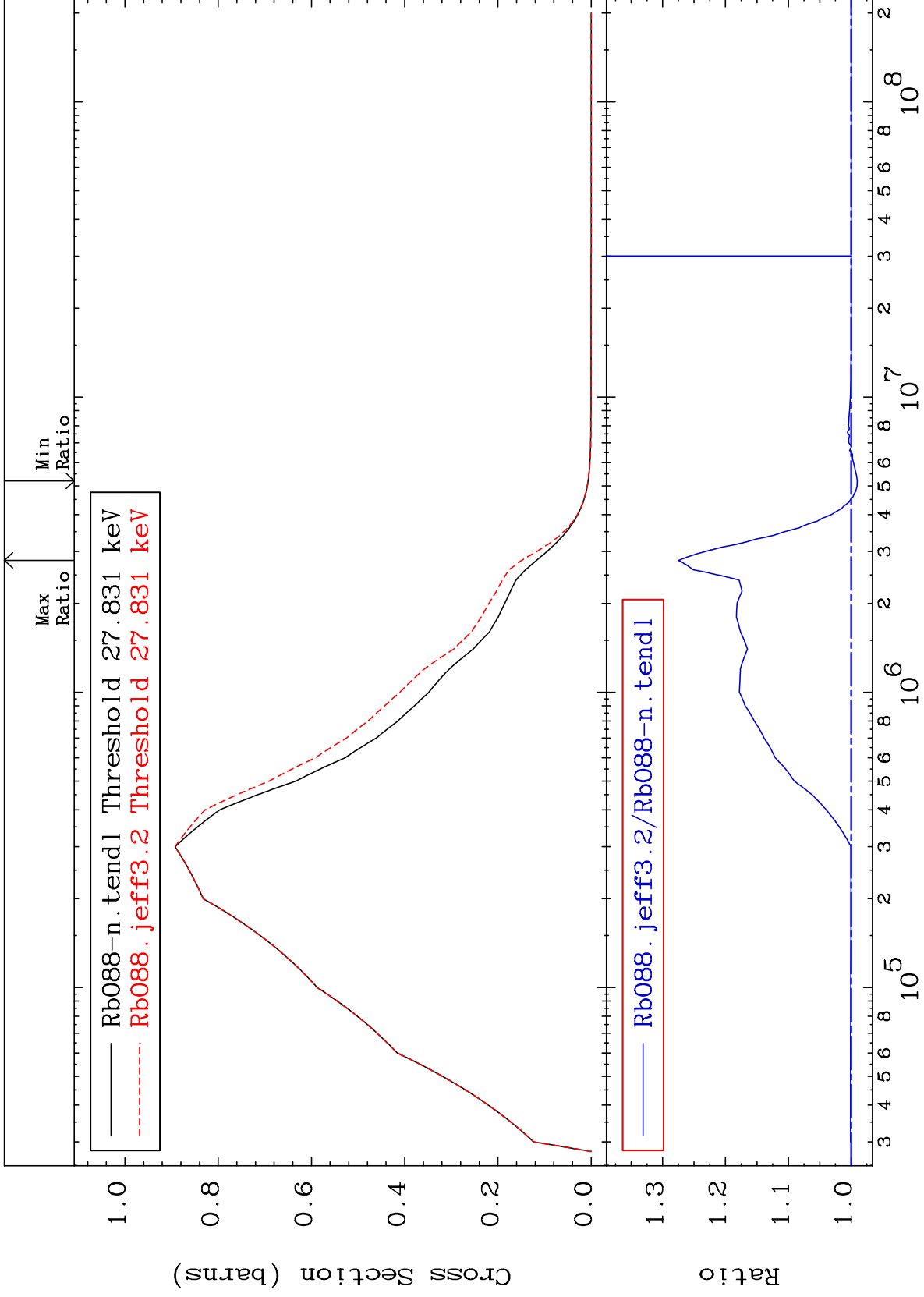
37-Rb-88  
0.000 To 23.48 %



MAT 3734

27.51 keV (n,n') Level  
Cross Section

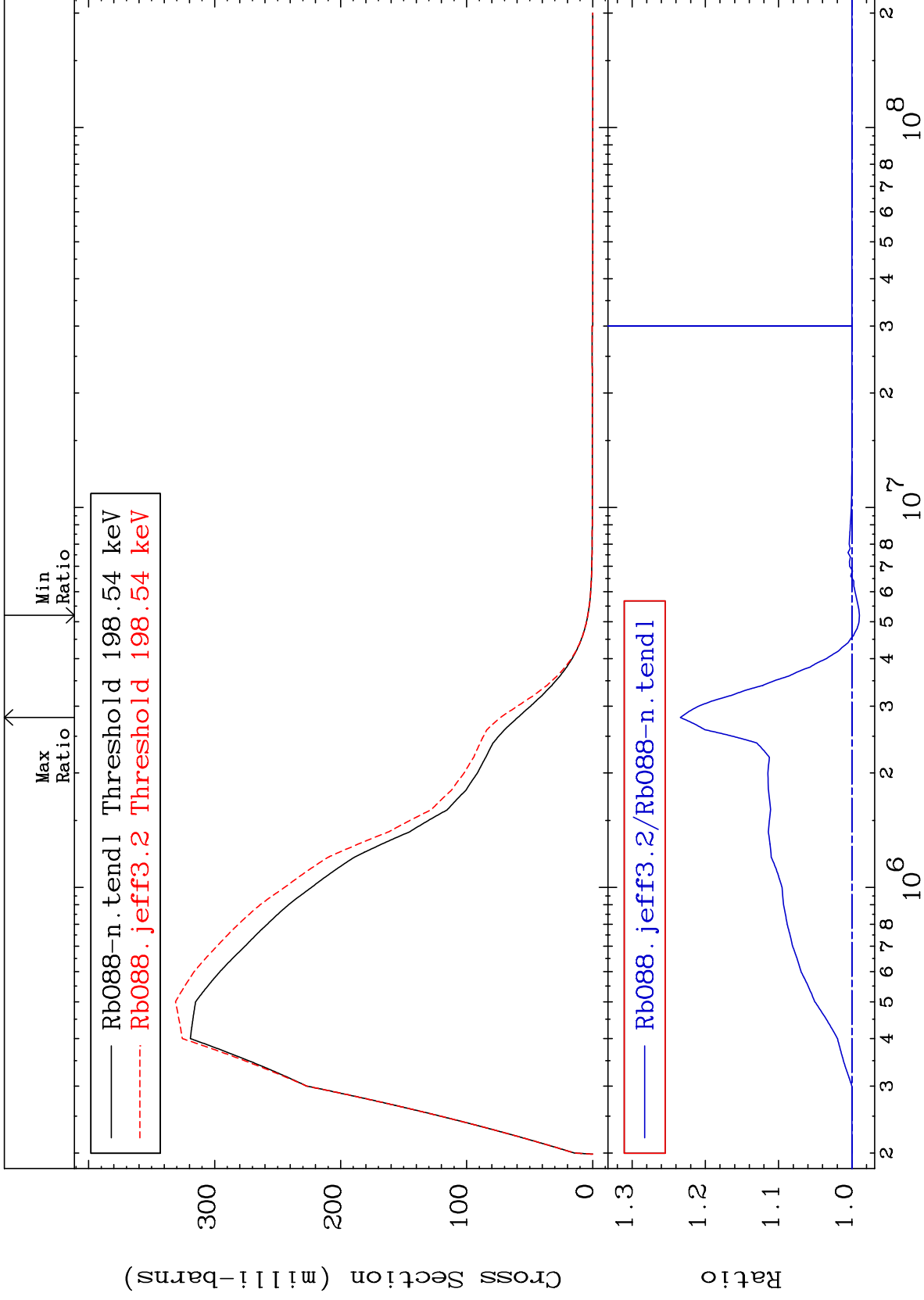
37-Rb-88  
-0.969 To 27.45 %



MAT 3734

196.3 keV (n,n') Level  
Cross Section

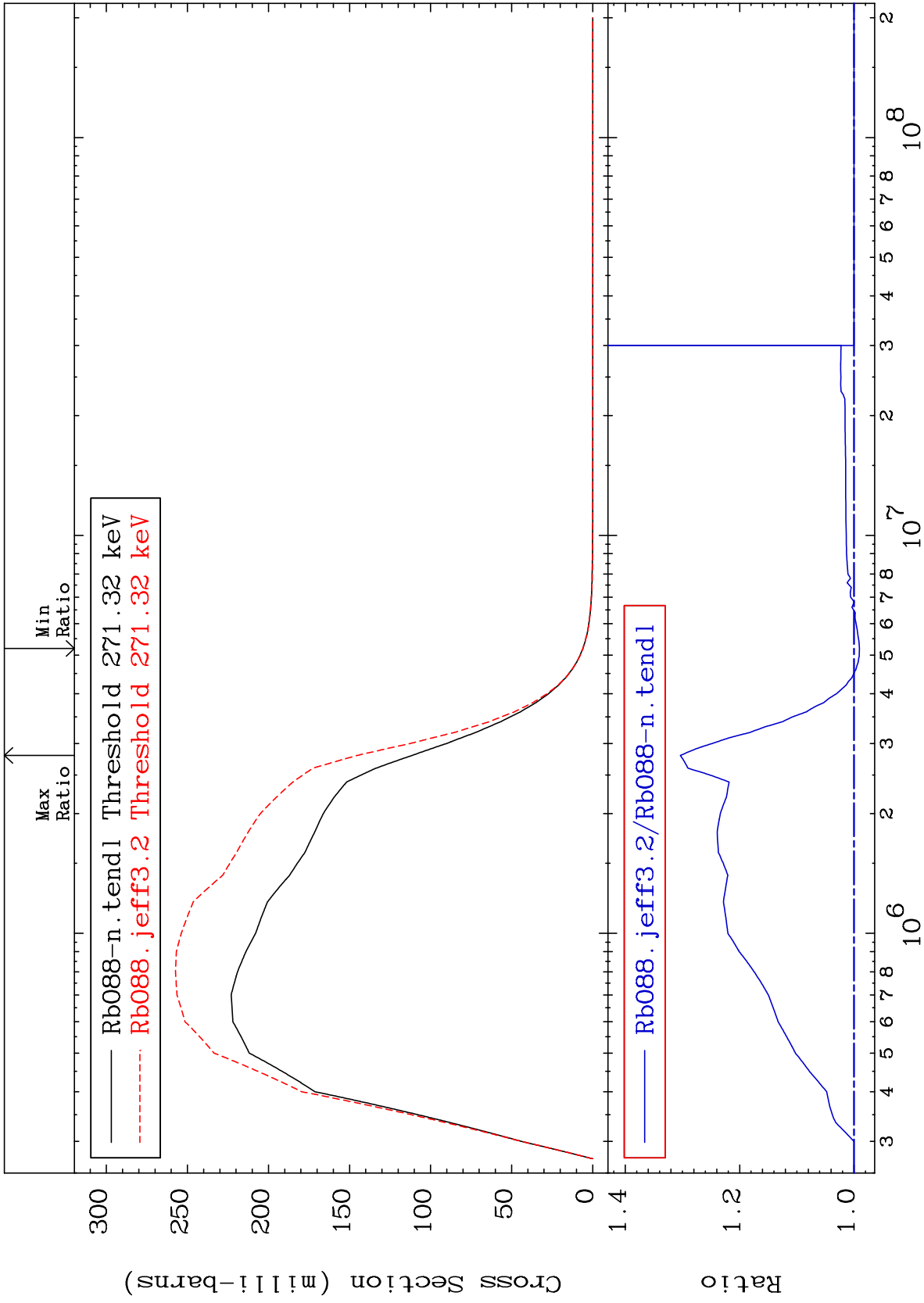
37-Rb-88  
-1.025 To 23.41 %



MAT 3734

268.2 keV (n,n') Level  
Cross Section

37-Rb-88  
-0.948 To 30.37 %



21

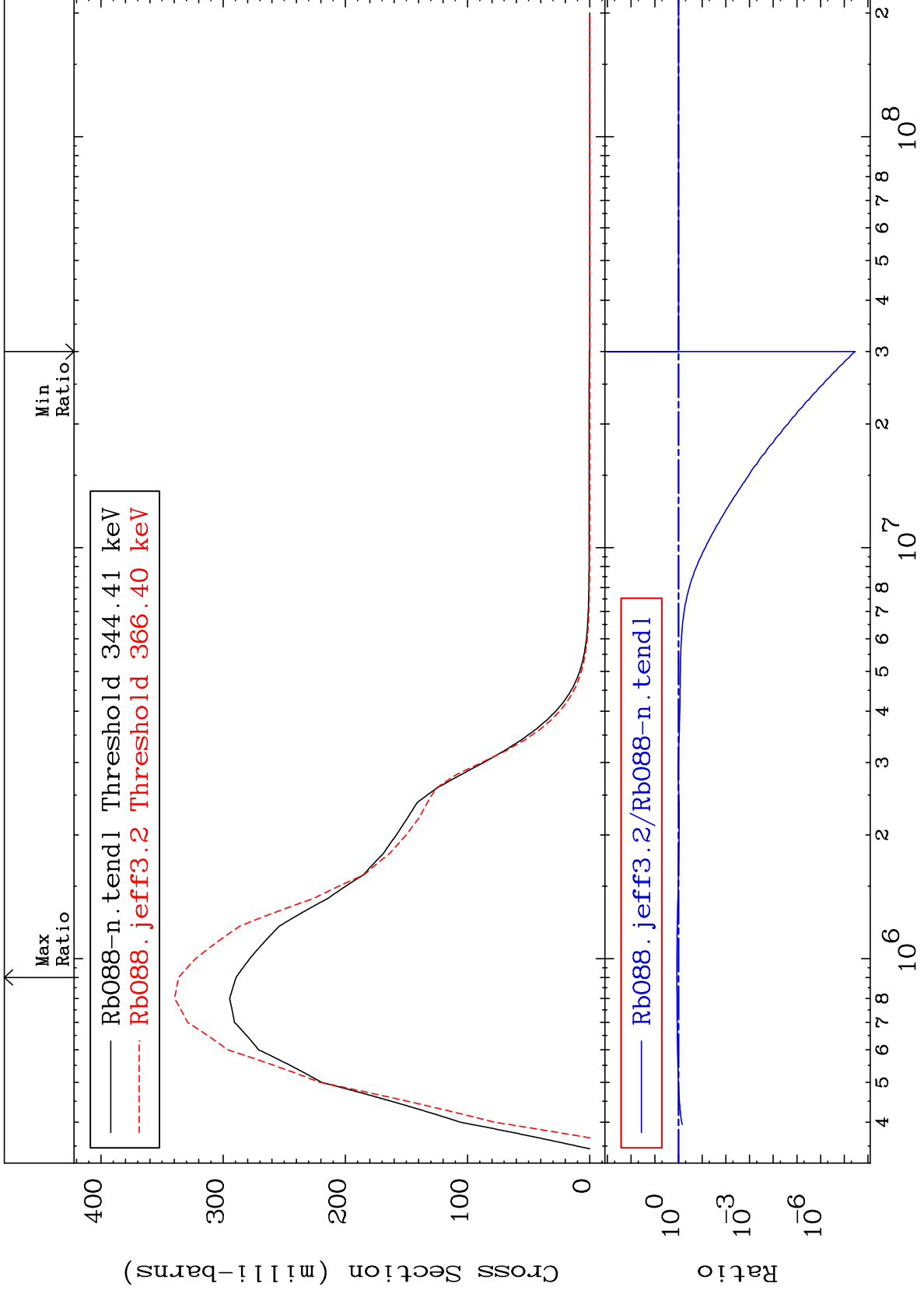
Incident Energy (eV)

37-Rb-88

MAT 3734

340.5 keV (n,n') Level  
Cross Section

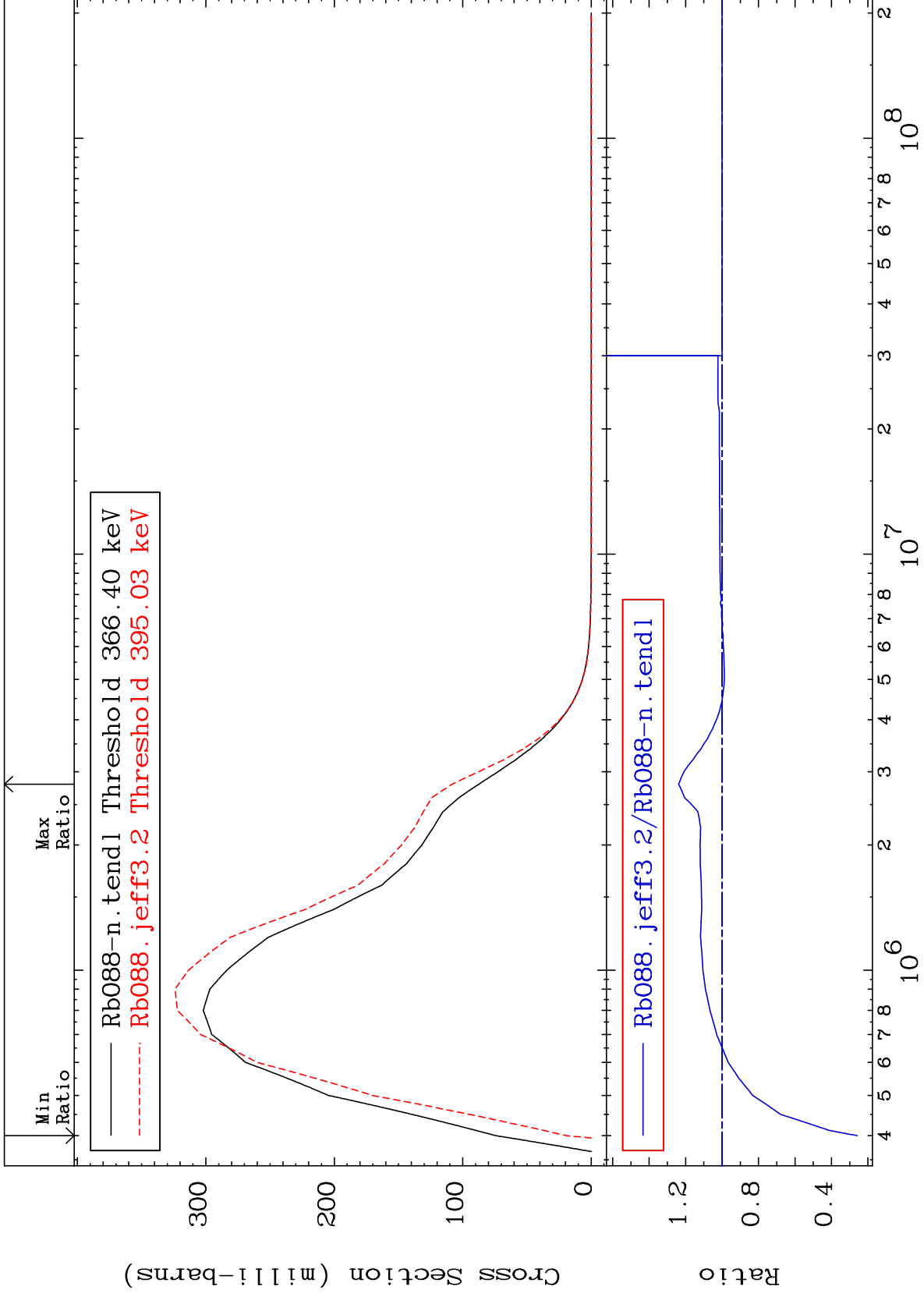
37-Rb-88  
-100.0 To 16.26 %



MAT 3734

362.2 keV (n,n') Level  
Cross Section

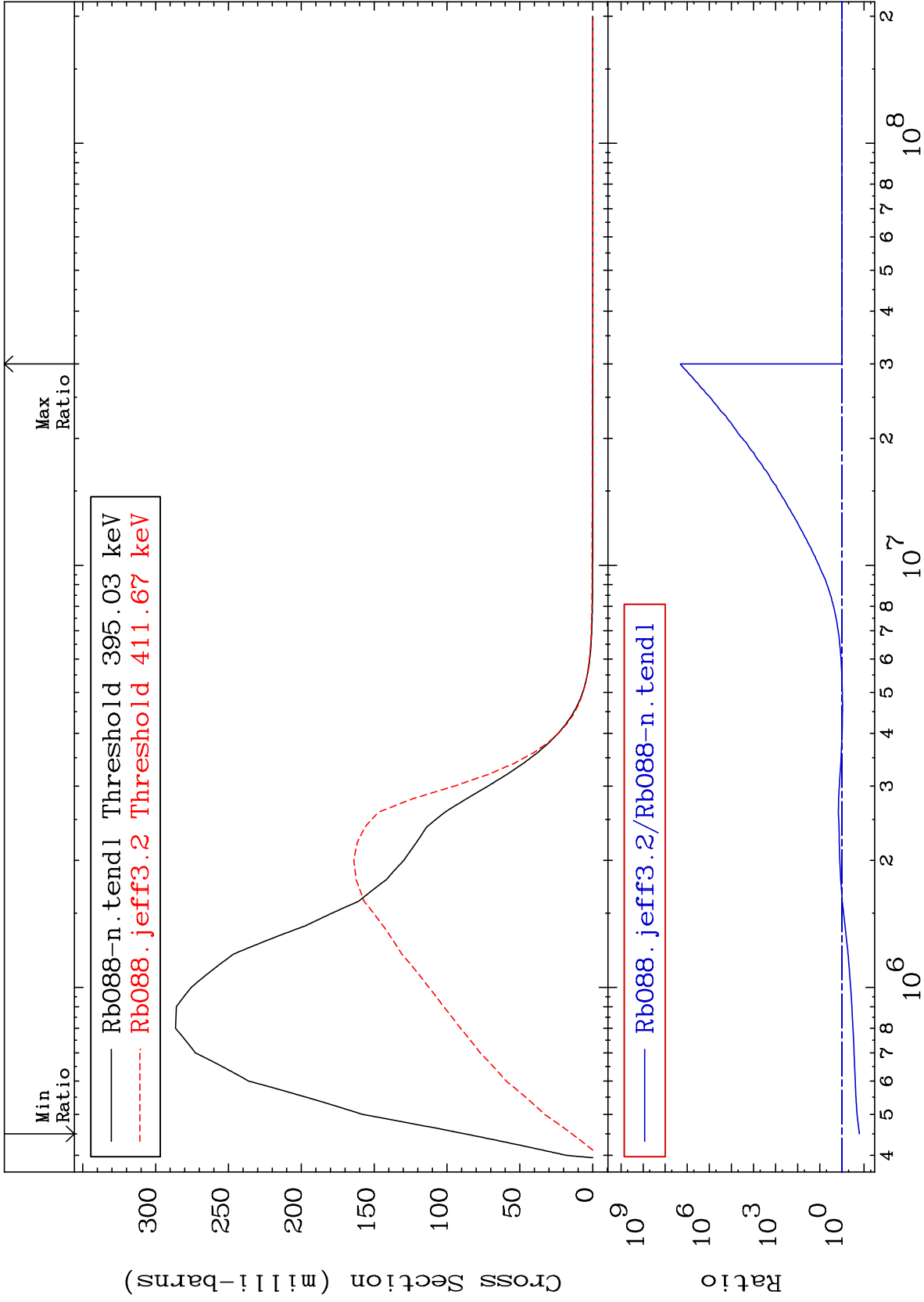
37-Rb-88  
-74.14 To 23.83 %



MAT 3734

390.5 keV (n,n') Level  
Cross Section

37-Rb-88  
-83.74 To 9999. %

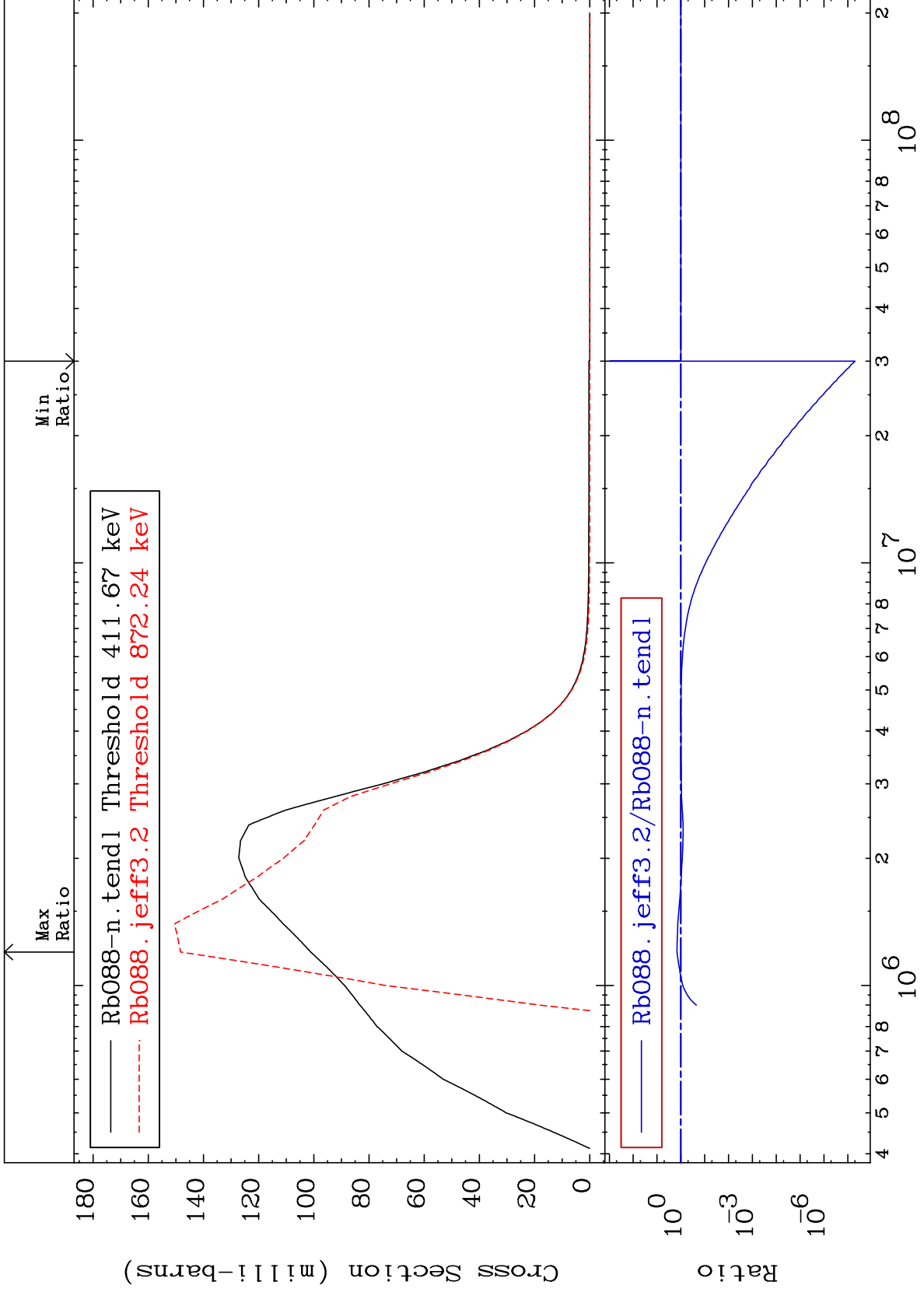




MAT 3734

407.0 keV (n,n') Level  
Cross Section

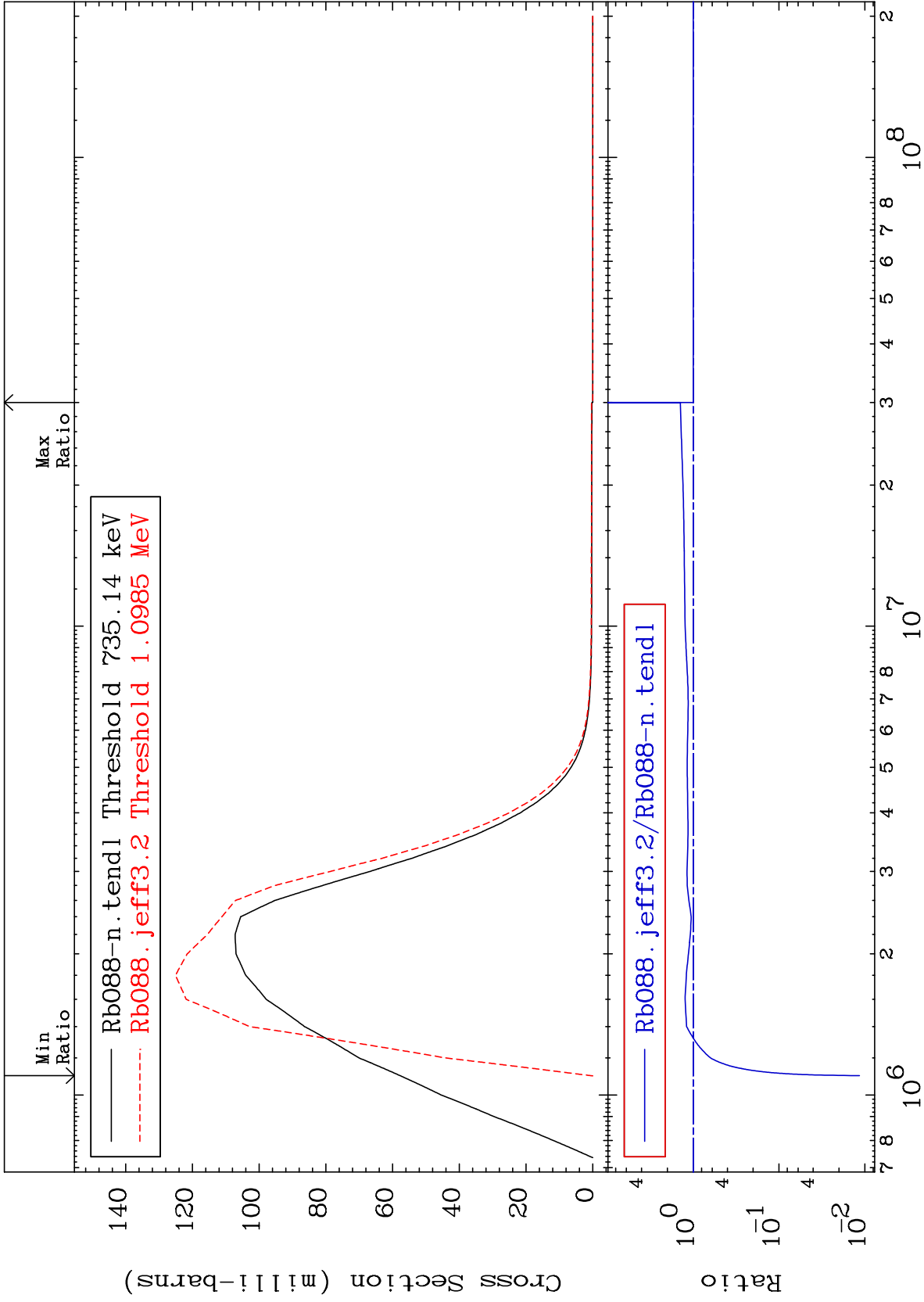
37-Rb-88  
-100.0 To 46.60 %



MAT 3734

726.8 keV (n,n') Level  
Cross Section

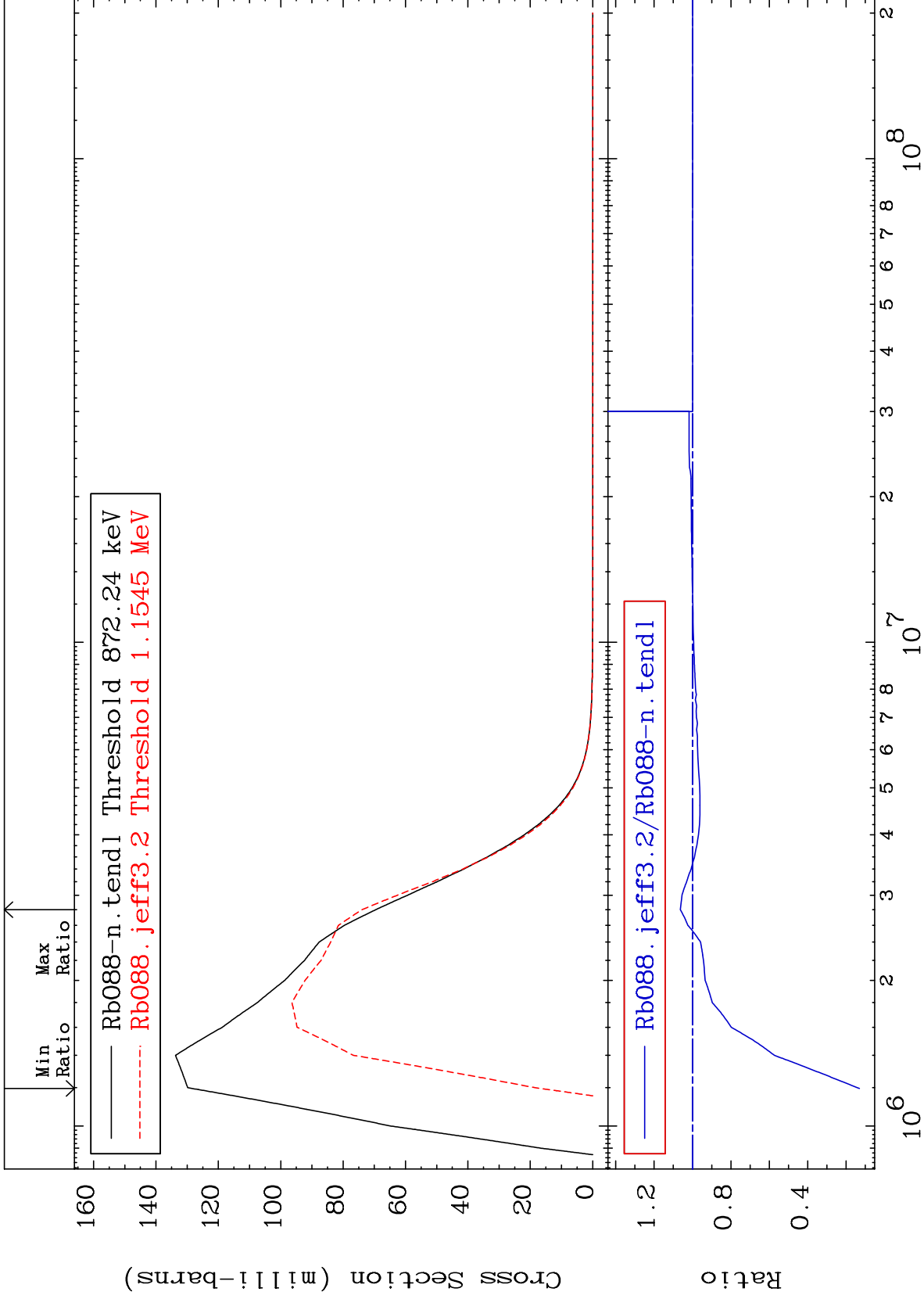
37-Rb-88  
-98.84 To 41.06 %



MAT 3734

862.3 keV (n,n') Level  
Cross Section

37-Rb-88  
-86.95 To 6.334 %



27

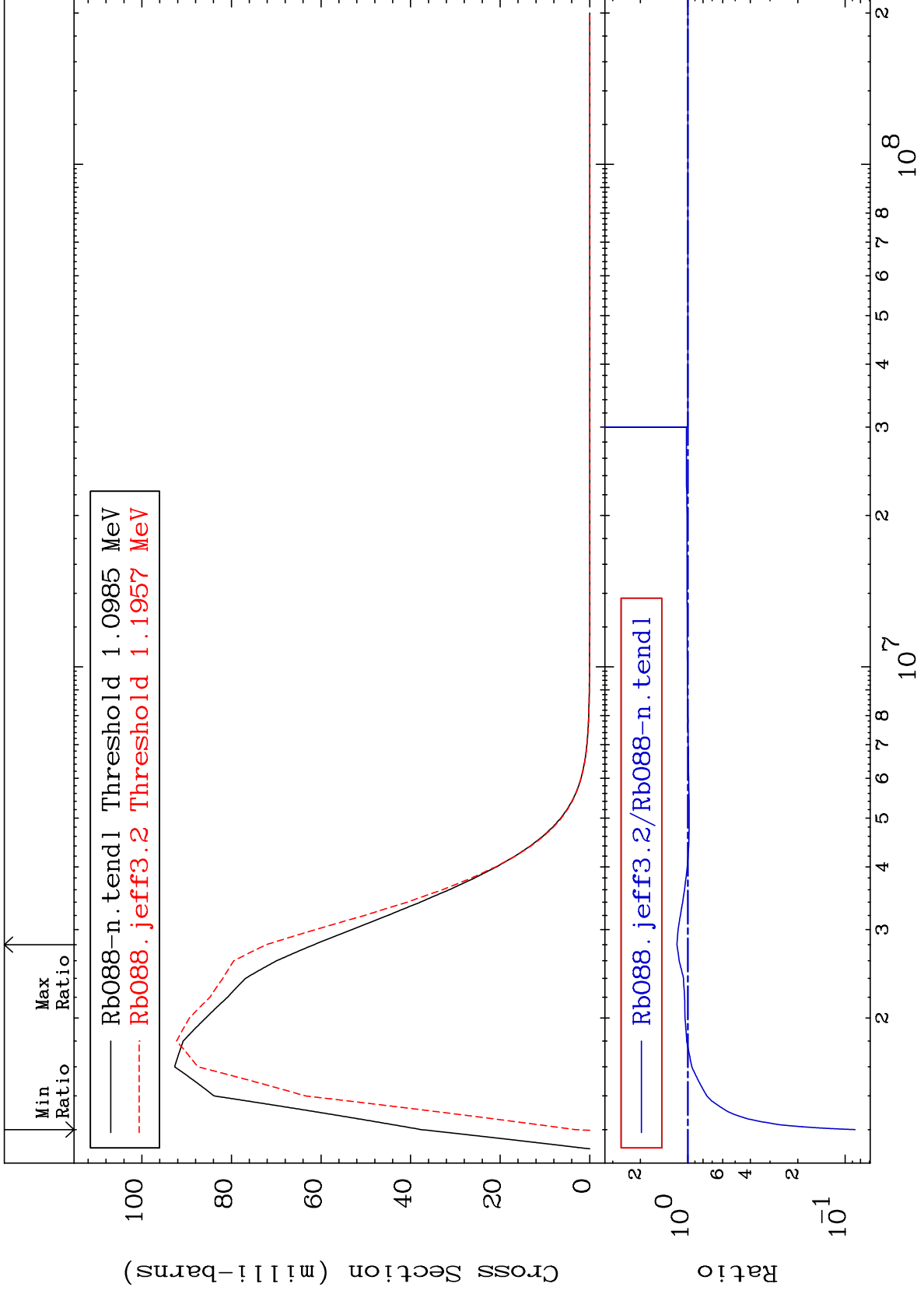
Incident Energy (eV)

37-Rb-88

MAT 3734

1.086 MeV (n,n') Level  
Cross Section

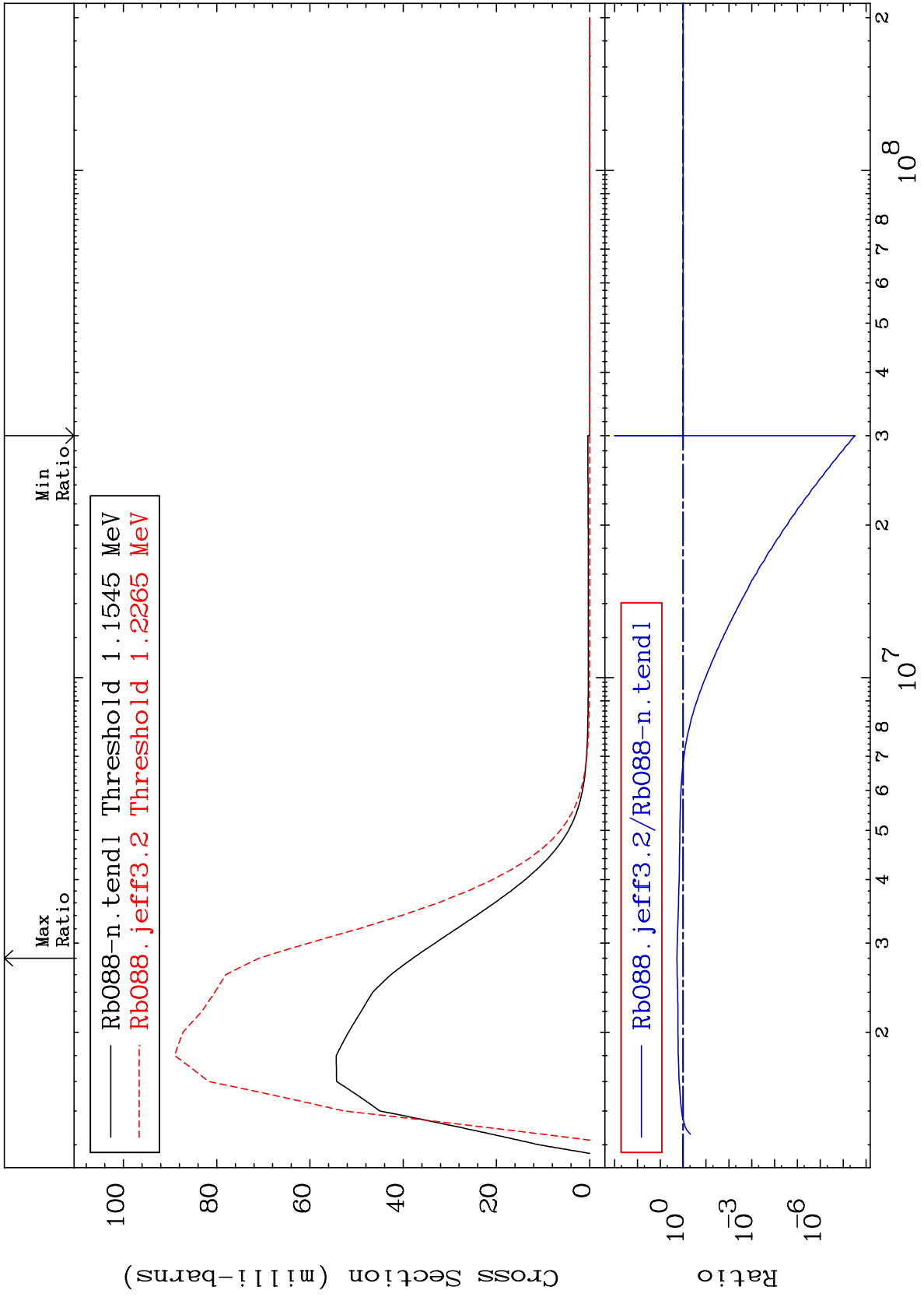
37-Rb-88  
-91.36 To 17.29 %



MAT 3734

1.141 MeV (n,n') Level  
Cross Section

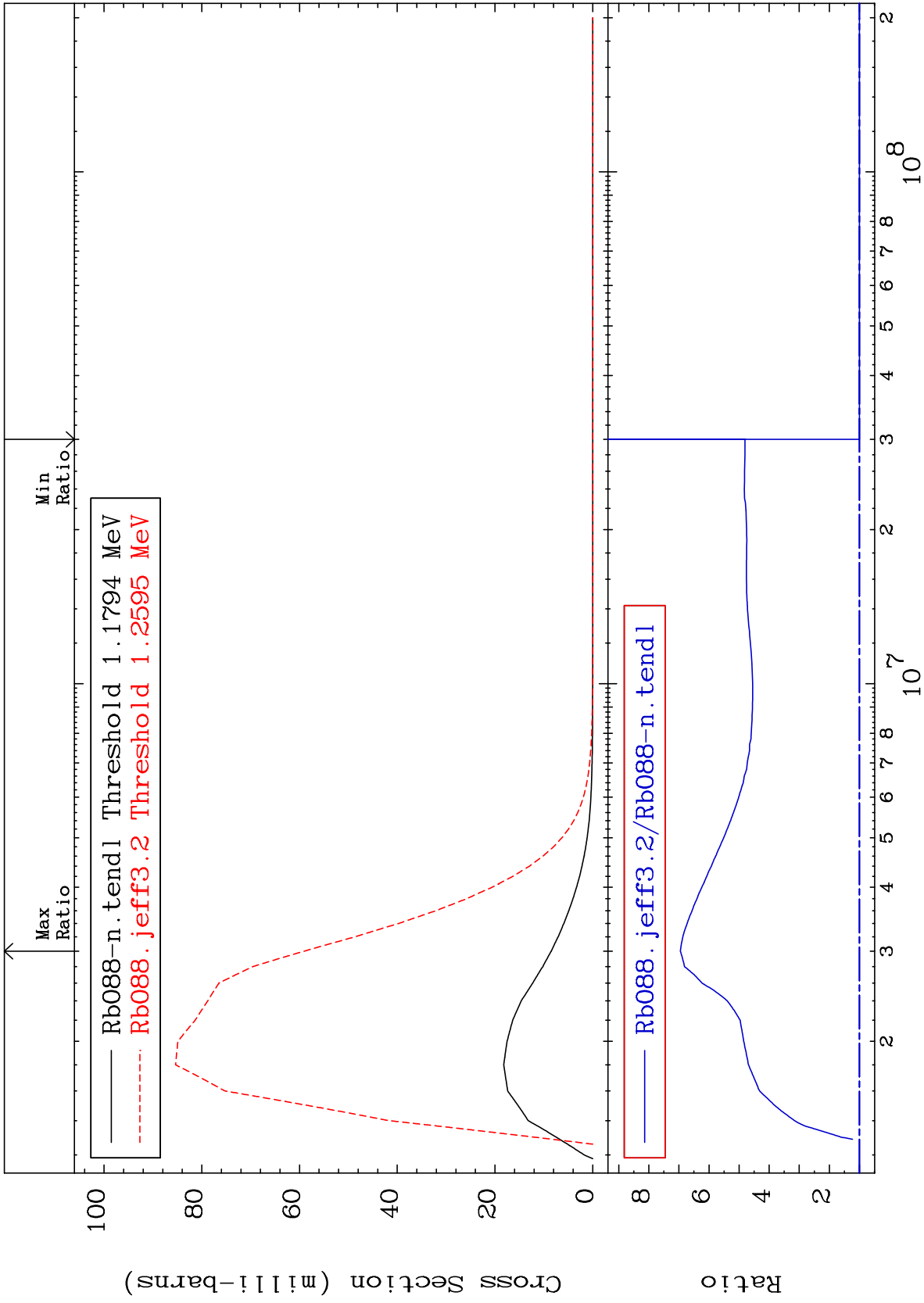
37-Rb-88  
-100.0 To 86.97 %



MAT 3734

1.166 MeV (n,n') Level  
Cross Section

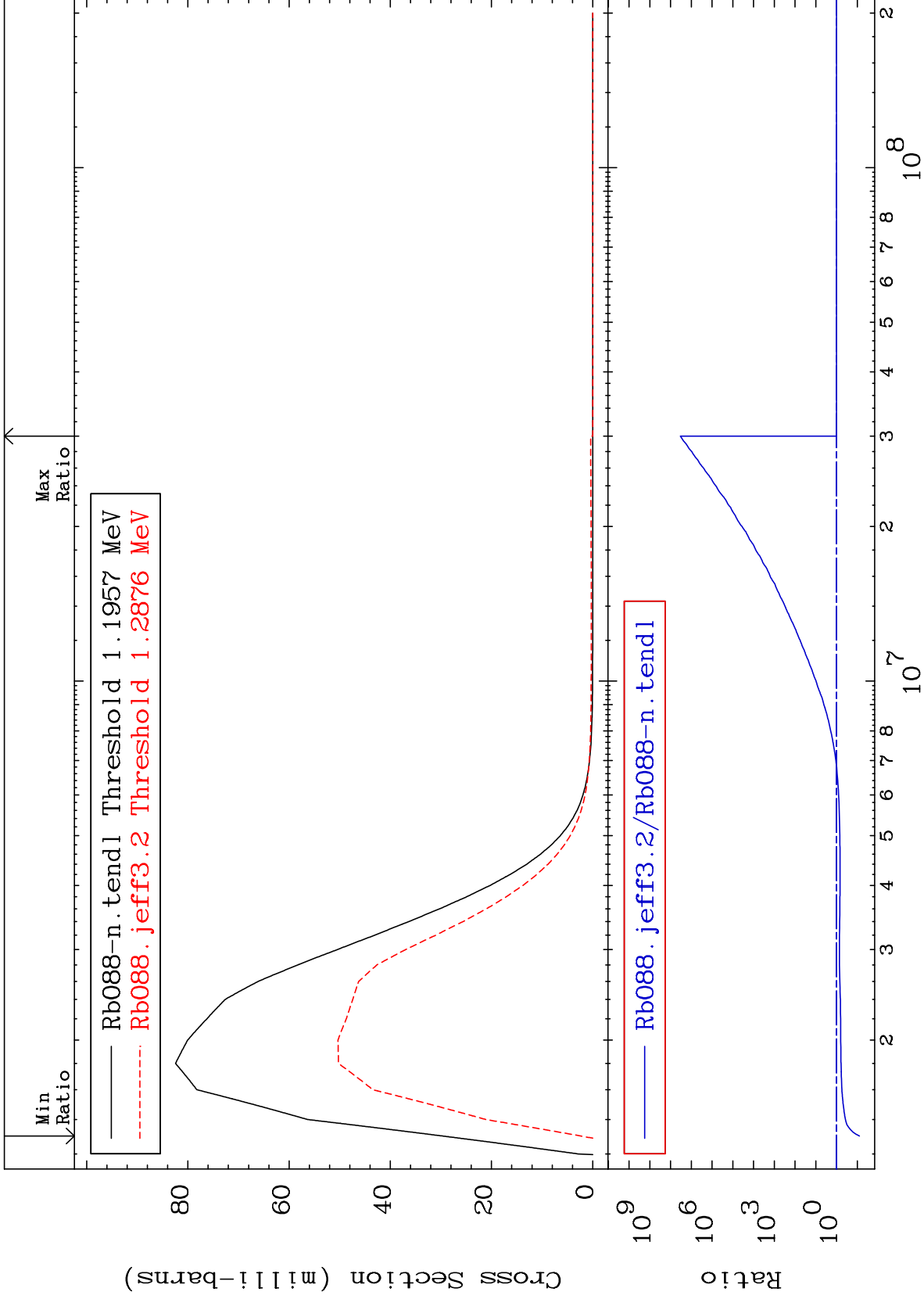
37-Rb-88  
0.000 To 595.2 %



MAT 3734

1.182 MeV (n,n') Level  
Cross Section

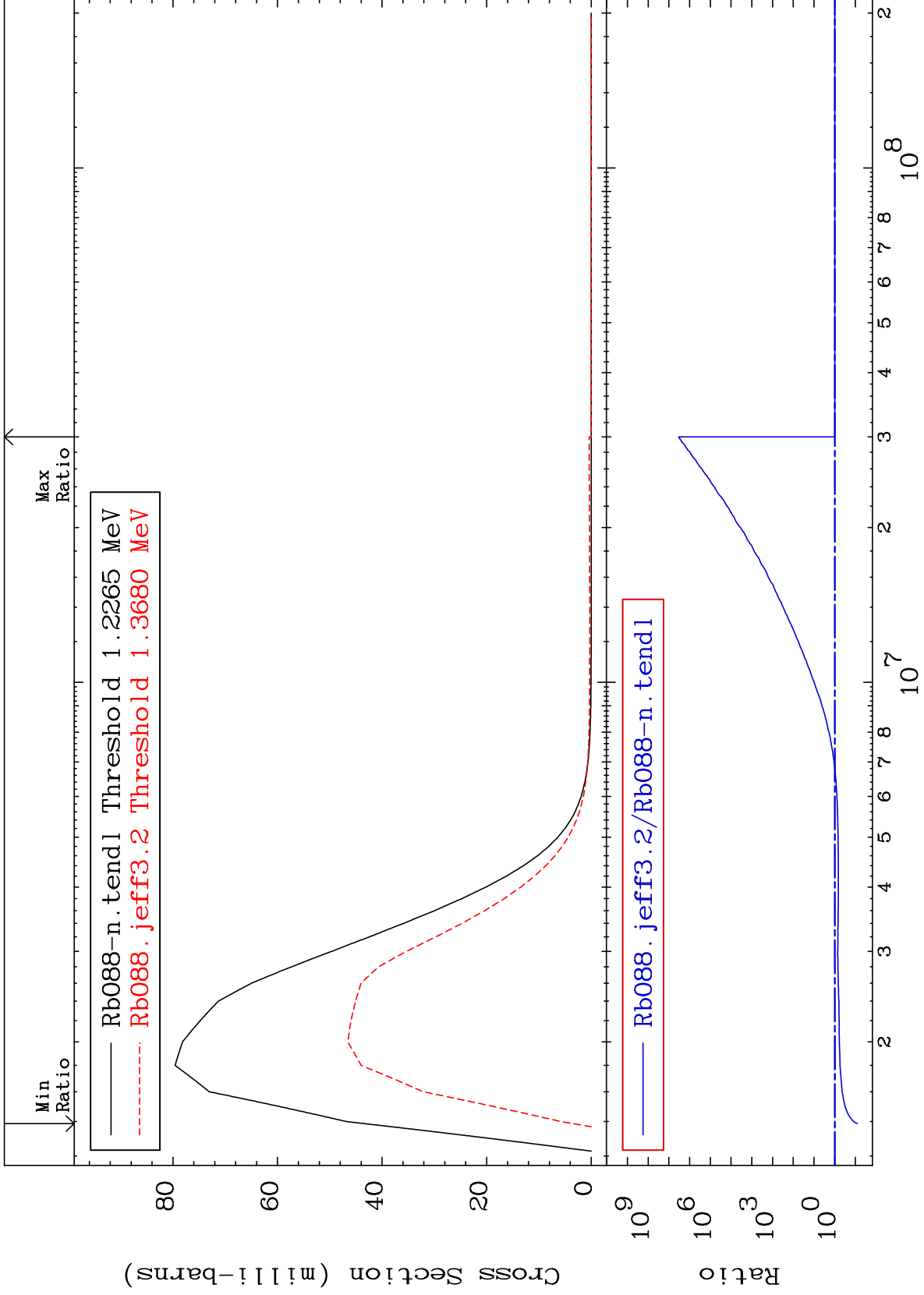
37-Rb-88  
-92.14 To 9999. %



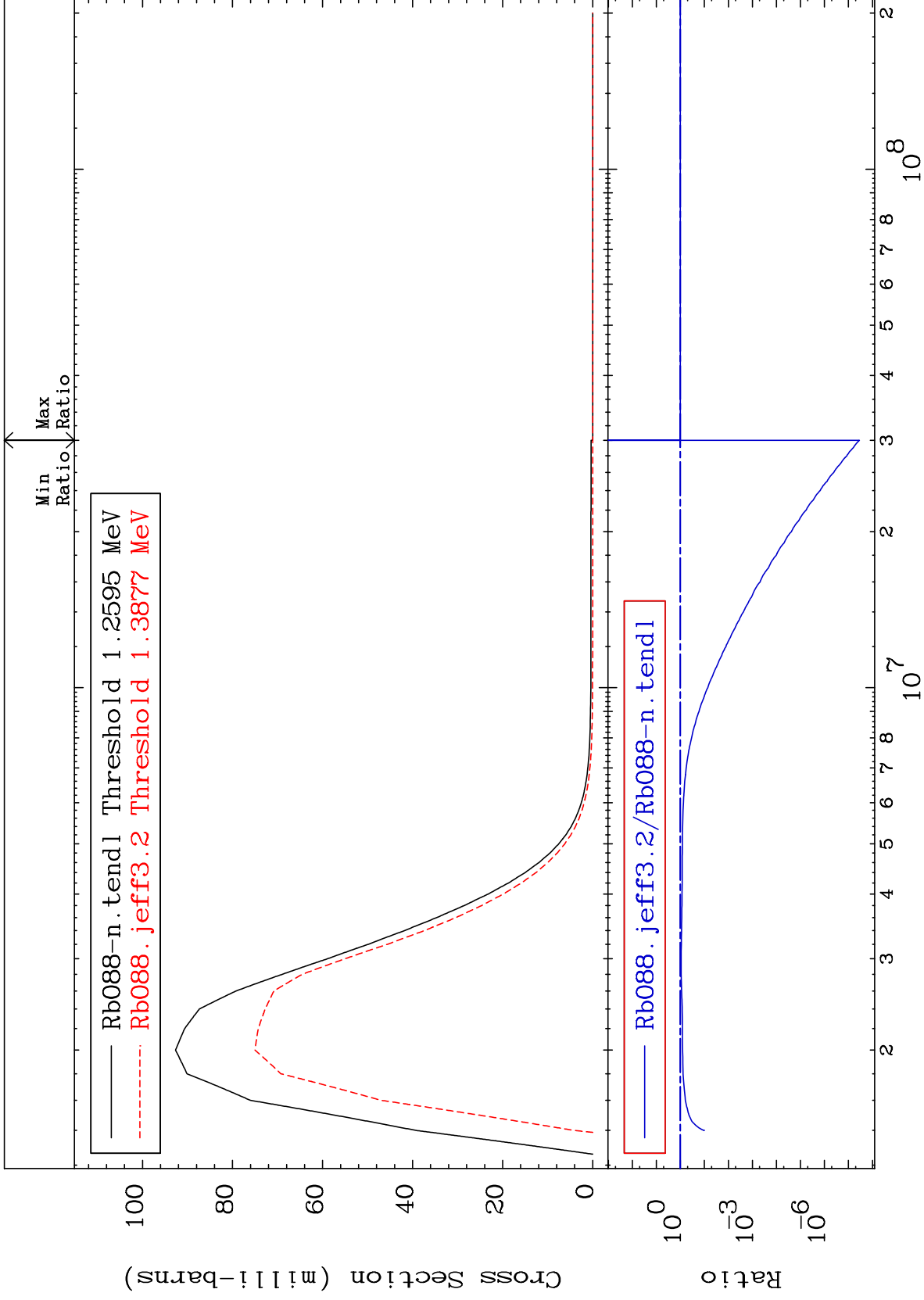
MAT 3734

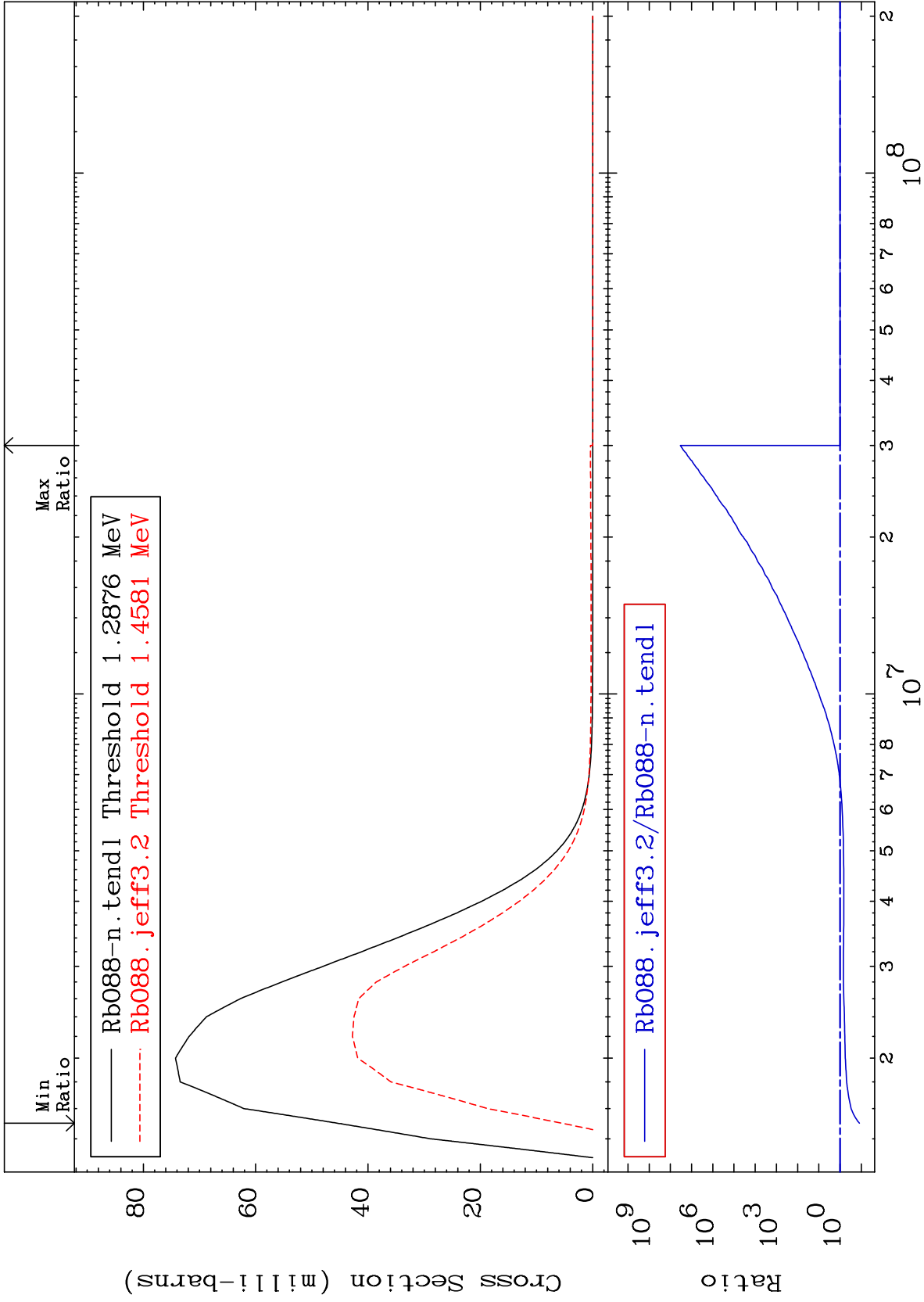
1.213 MeV (n,n') Level  
Cross Section

37-Rb-88  
-91.81 To 9999. %





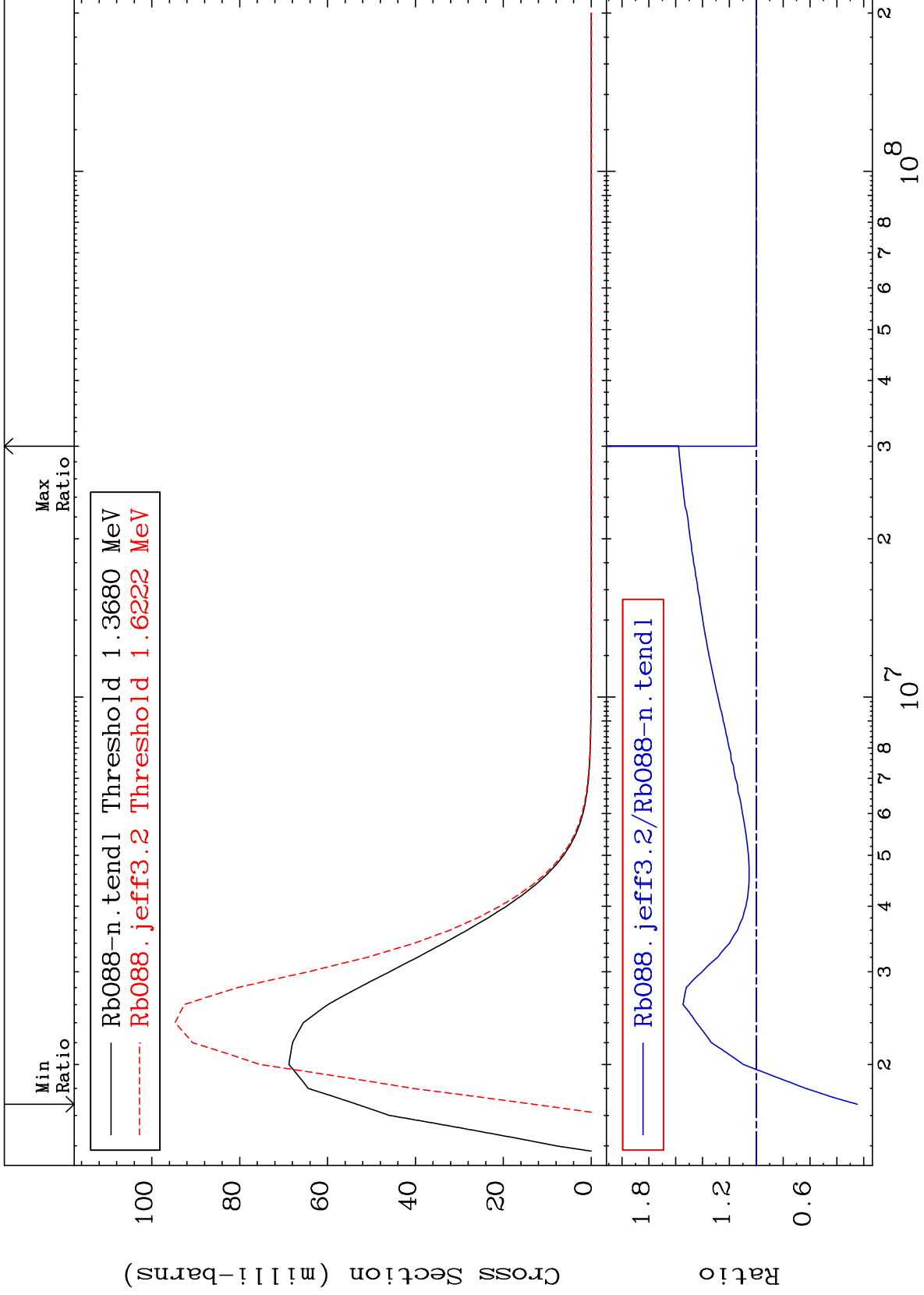




MAT 3734

1.352 MeV (n,n') Level  
Cross Section

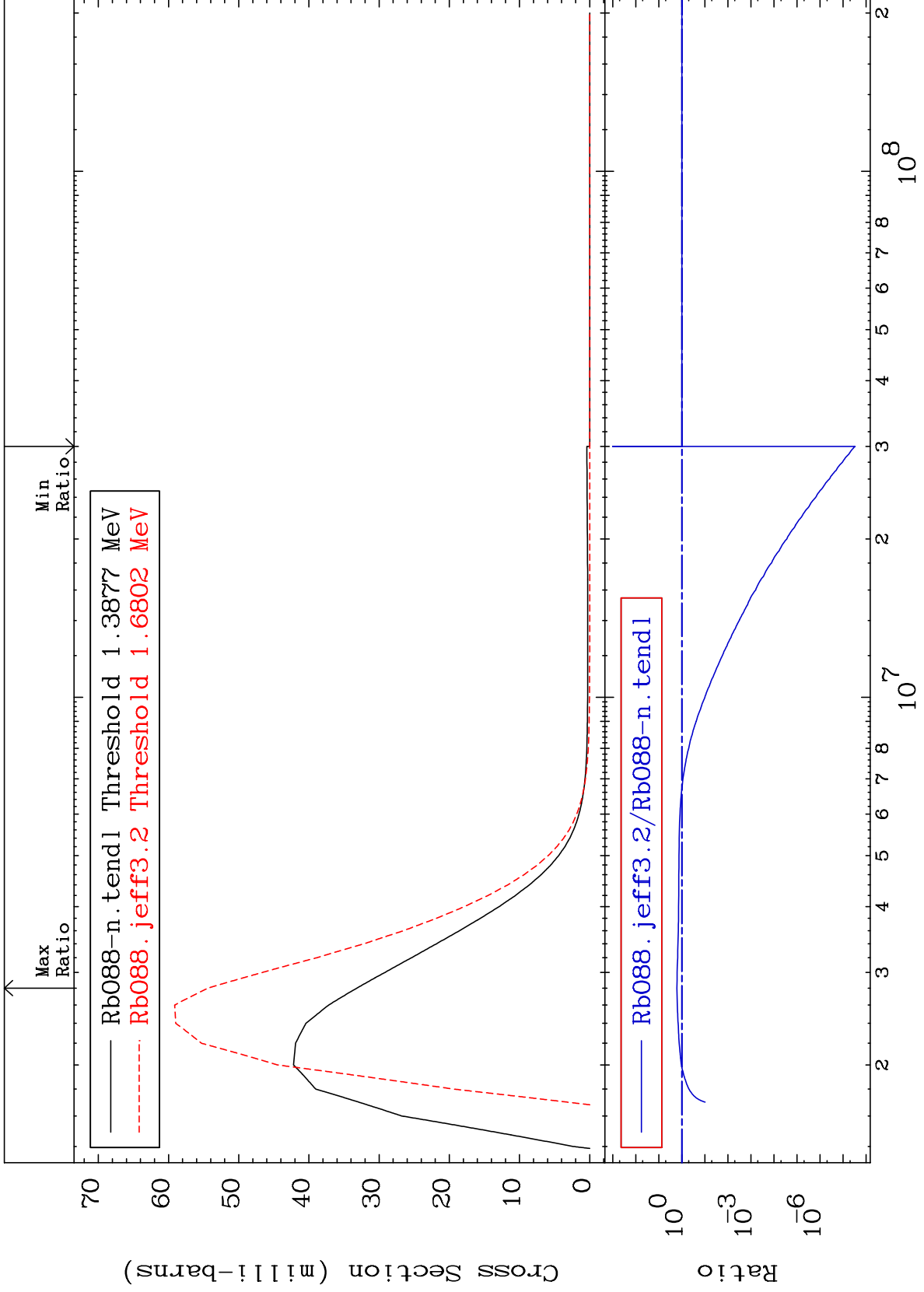
37-Rb-88  
-75.24 To 57.84 %



MAT 3734

1.372 MeV (n,n') Level  
Cross Section

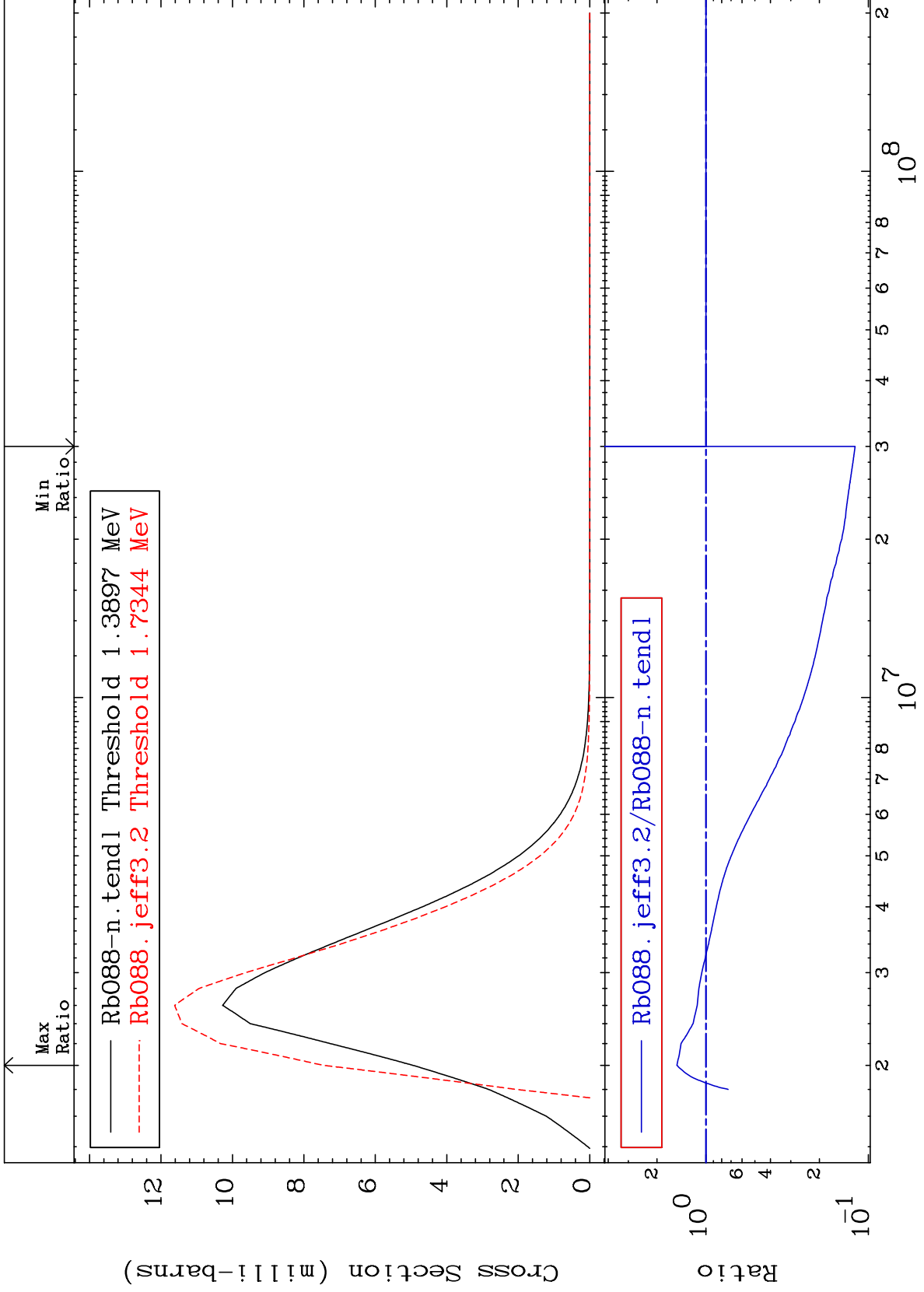
37-Rb-88  
-100.0 To 64.00 %

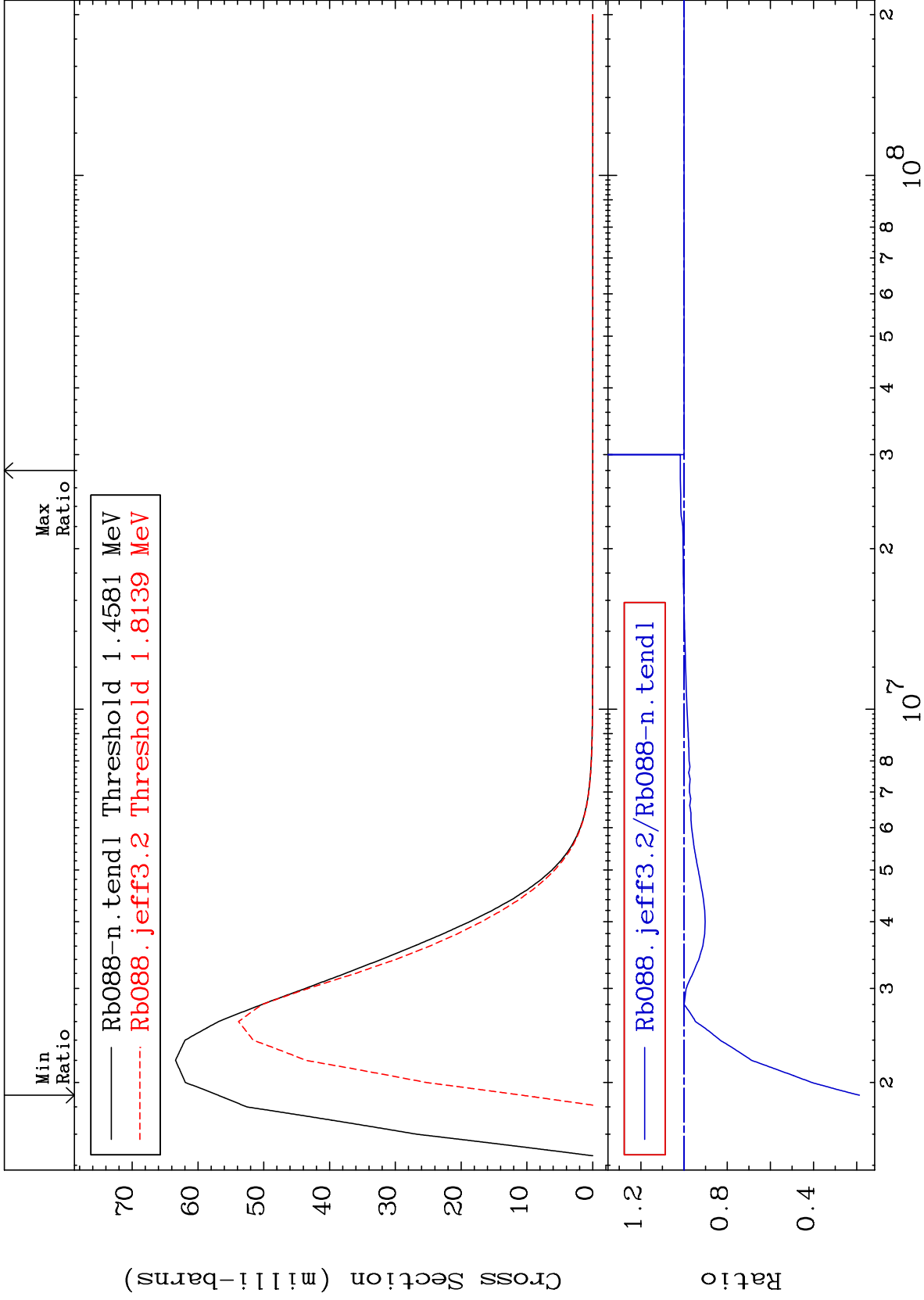


MAT 3734

1.374 MeV (n,n') Level  
Cross Section

37-Rb-88  
-87.94 To 50.78 %

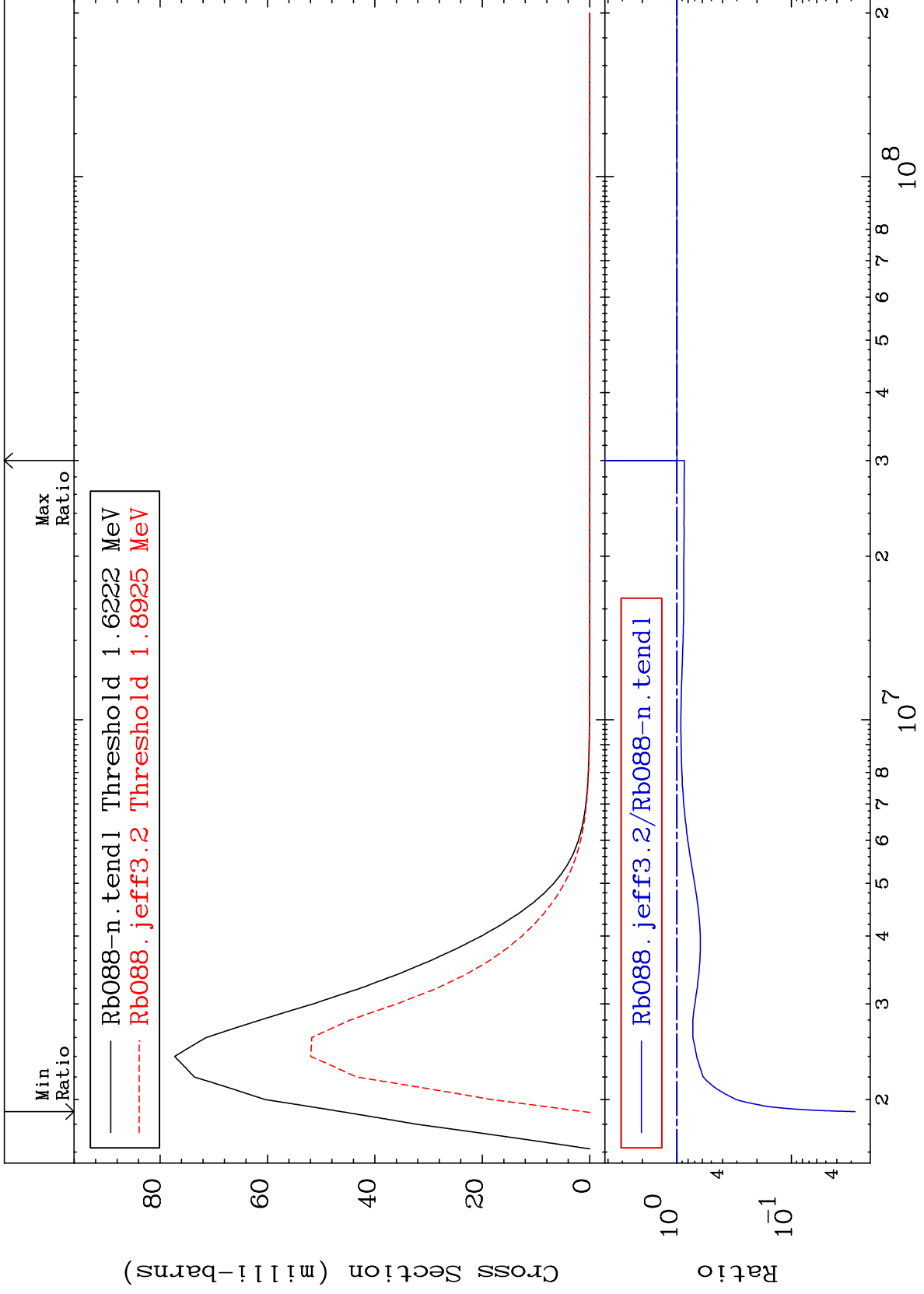




MAT 3734

1.604 MeV (n,n') Level  
Cross Section

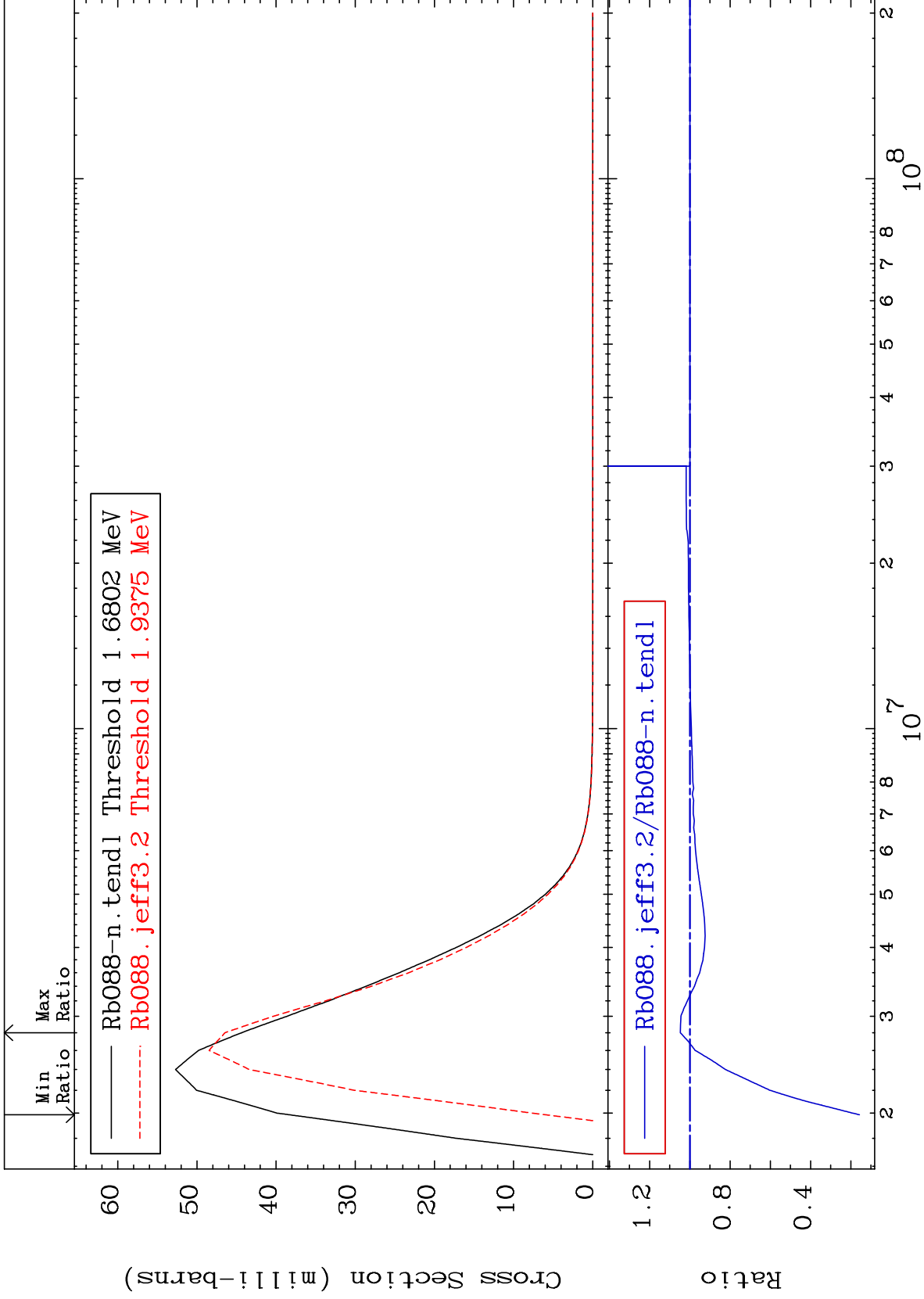
37-Rb-88  
-97.23 To 0.000 %



MAT 3734

1.661 MeV (n,n') Level  
Cross Section

37-Rb-88  
-84.29 To 4.708 %



40

Incident Energy (eV)

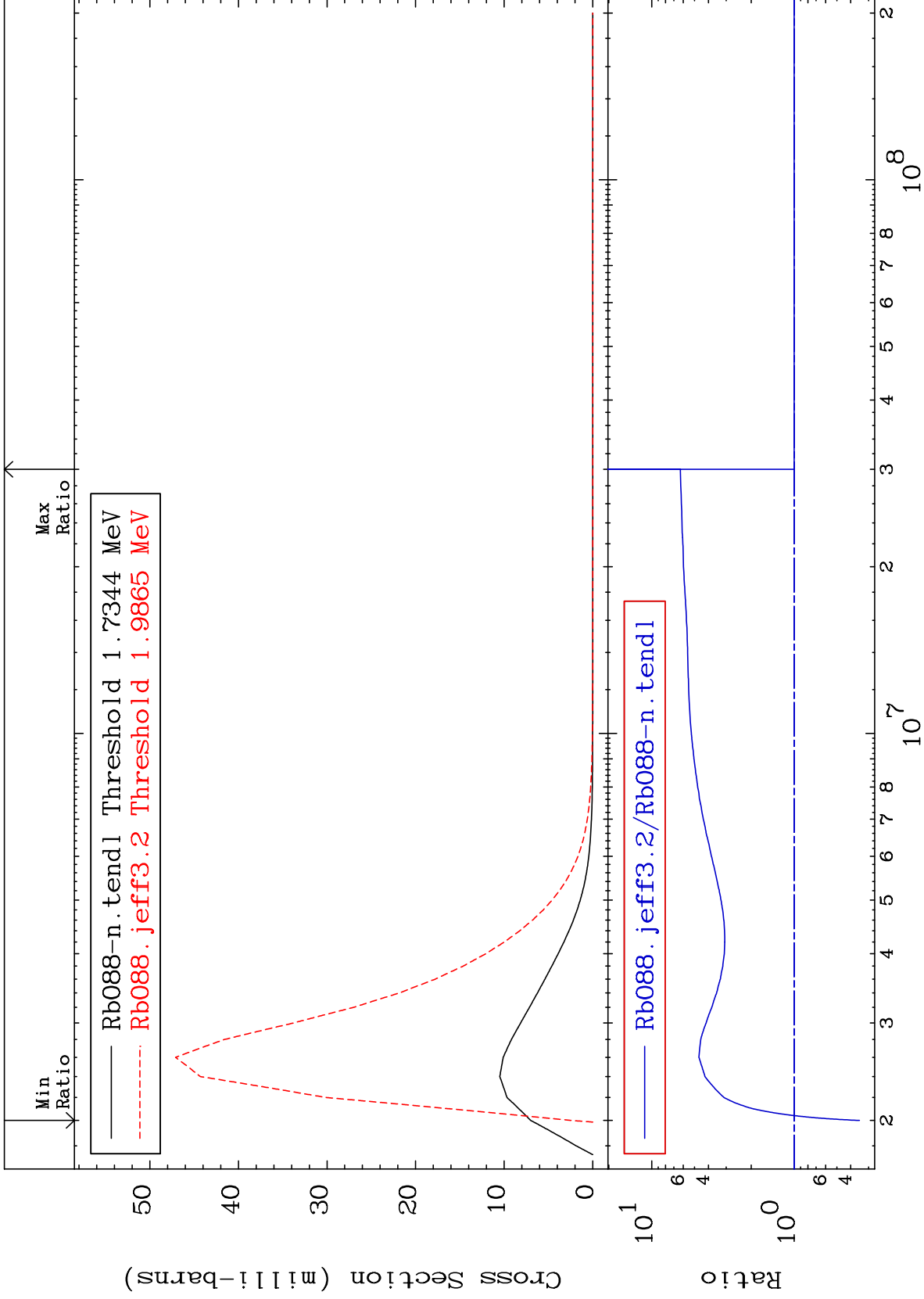
37-Rb-88



MAT 3734

1.715 MeV (n,n') Level  
Cross Section

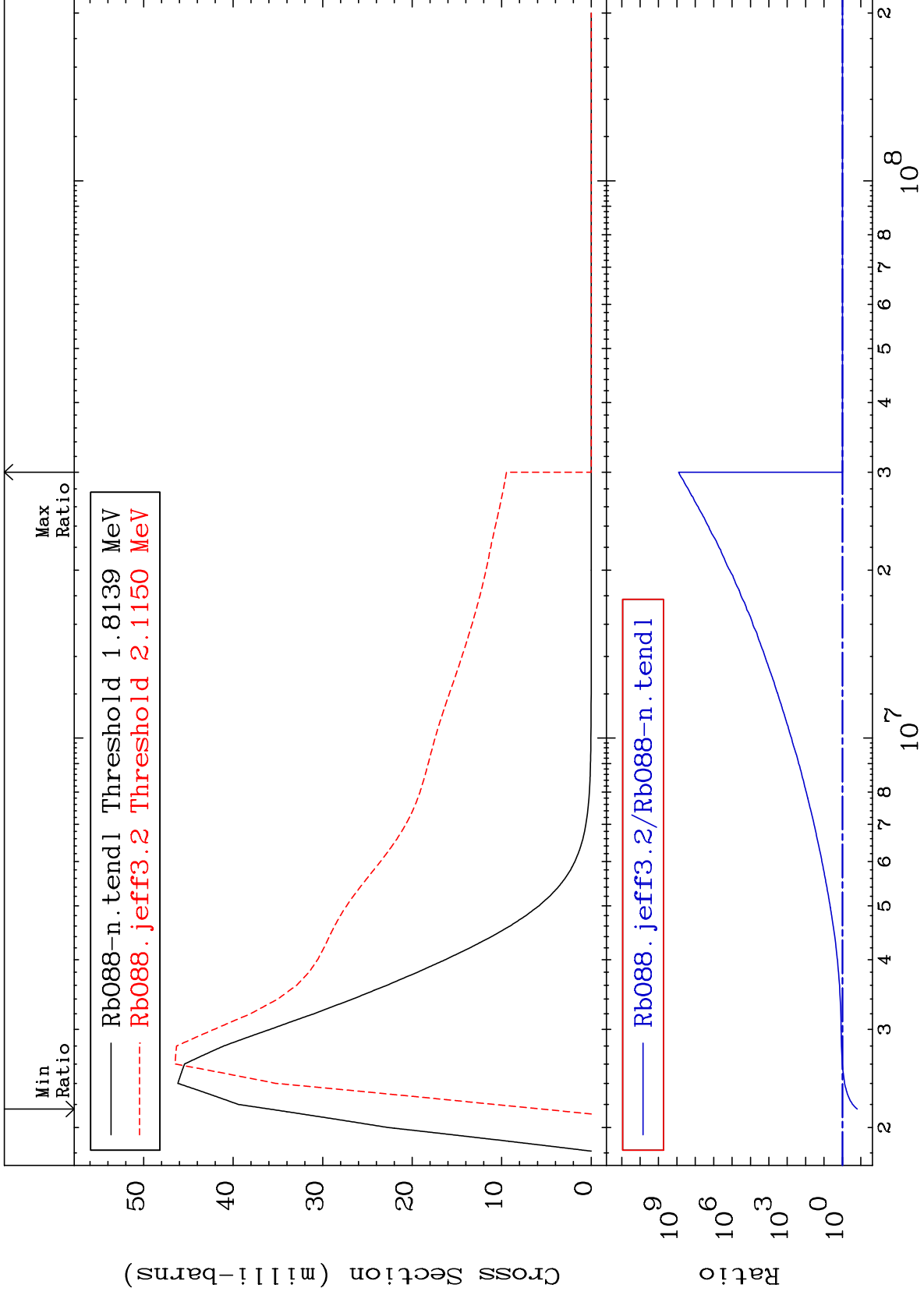
37-Rb-88  
-65.26 To 529.2 %



MAT 3734

1.793 MeV (n,n') Level  
Cross Section

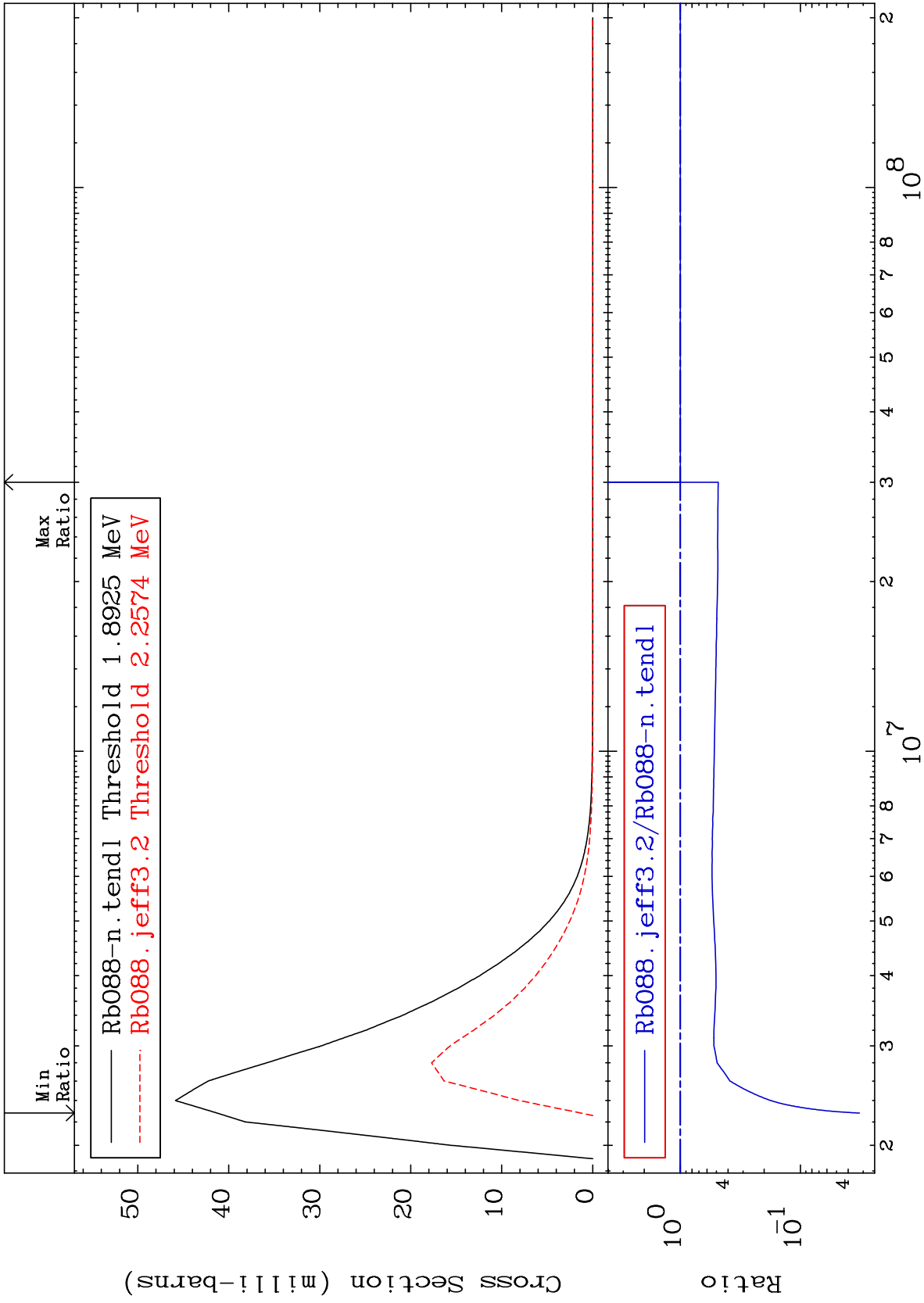
37-Rb-88  
-84.41 To 9999. %



MAT 3734

1.871 MeV (n,n') Level  
Cross Section

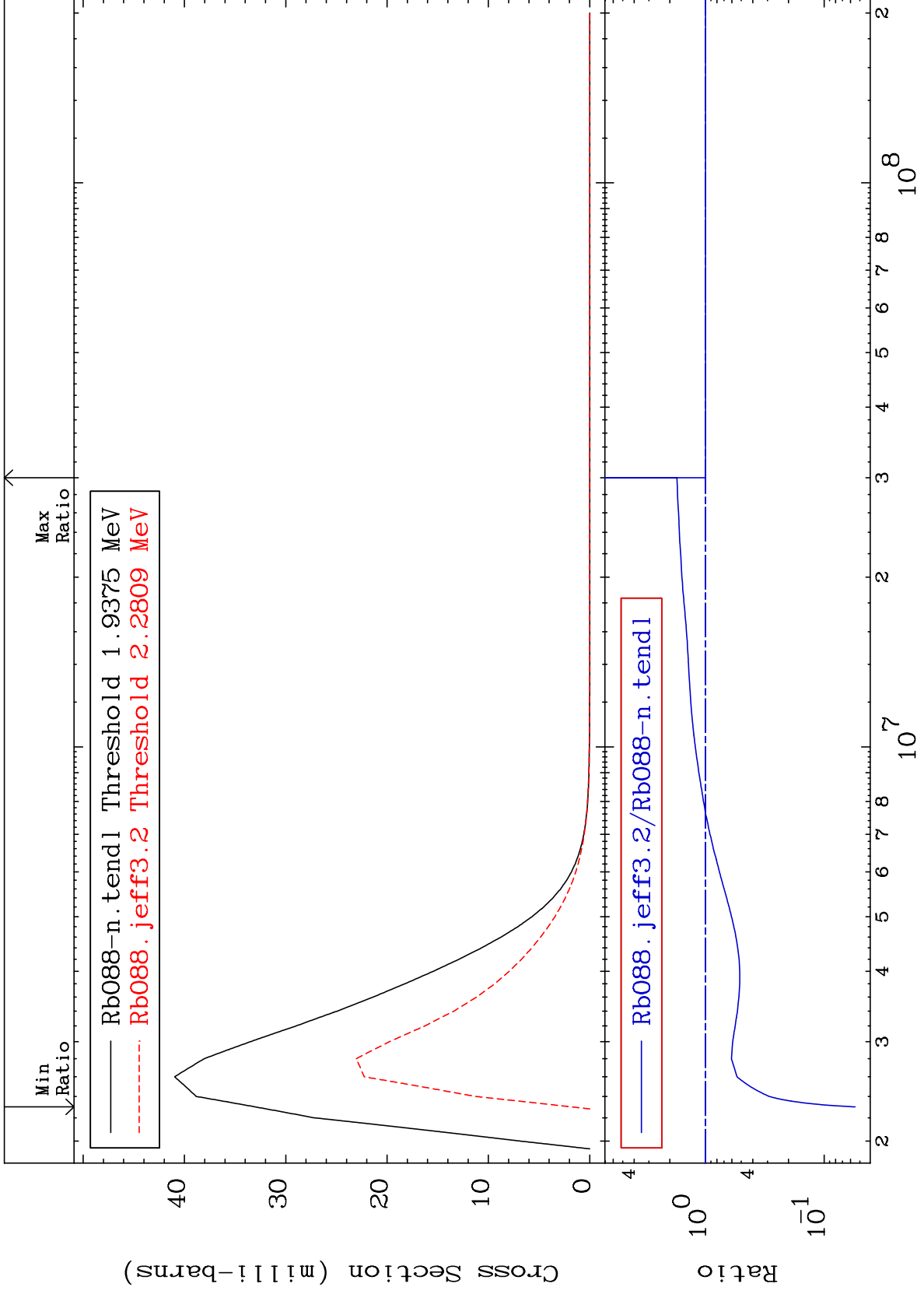
37-Rb-88  
-96.78 To 0.000 %



MAT 3734

1.916 MeV (n,n') Level  
Cross Section

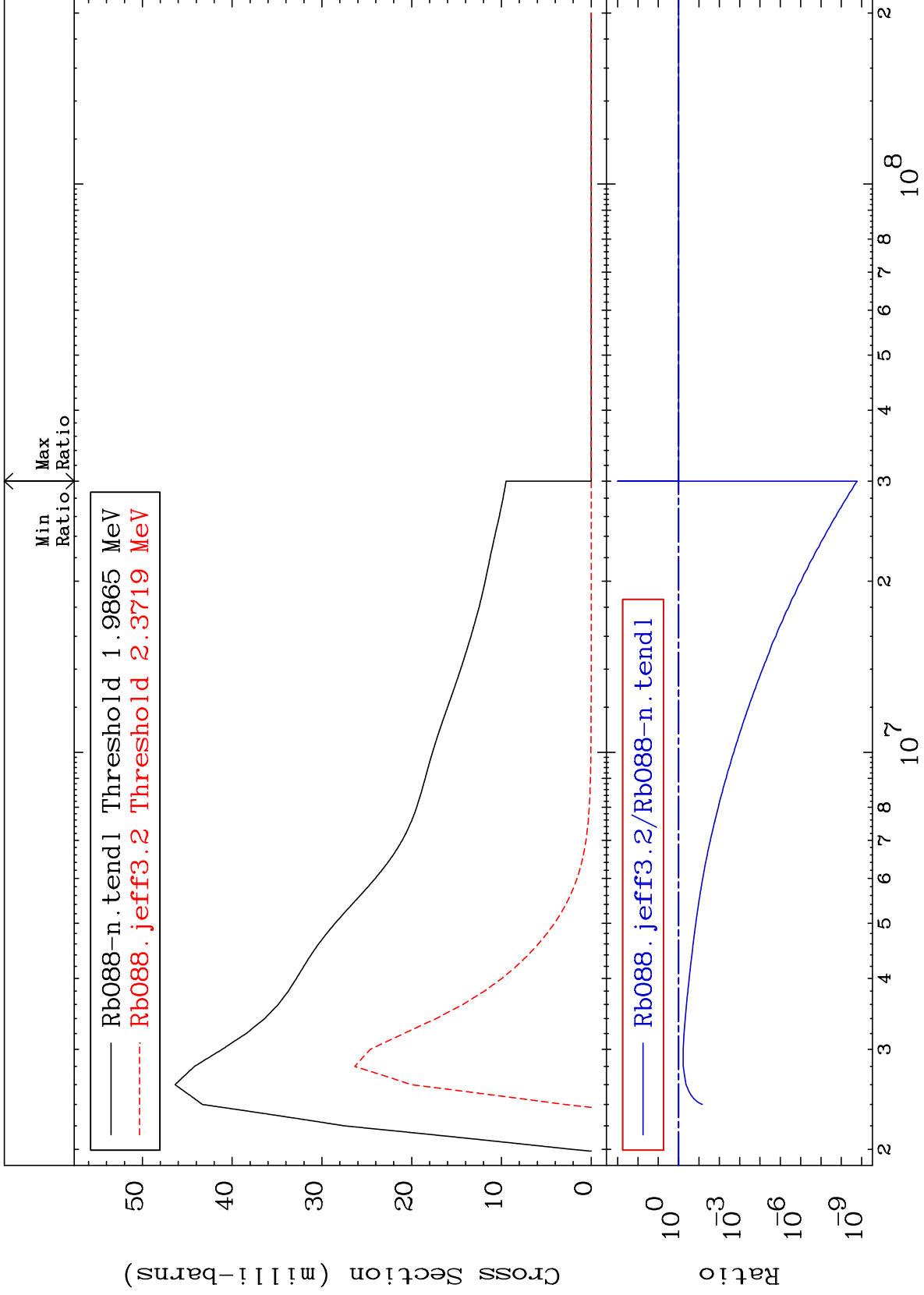
37-Rb-88  
-94.52 To 74.25 %



MAT 3734

1.964 MeV (n,n') Level  
Cross Section

37-Rb-88  
-100.0 To 0.000 %

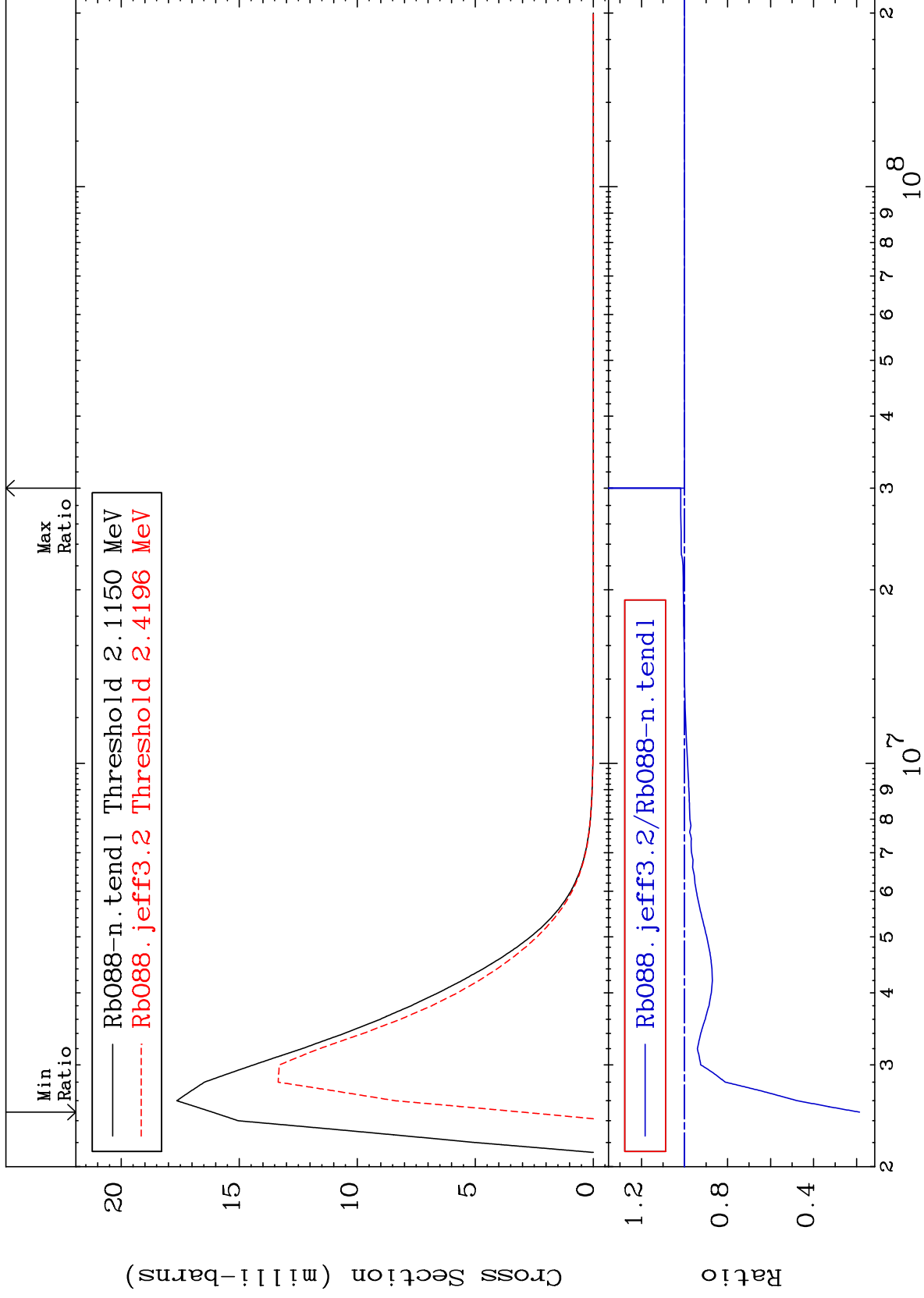


MAT 3734

2.091 MeV (n,n') Level

37-Rb-88

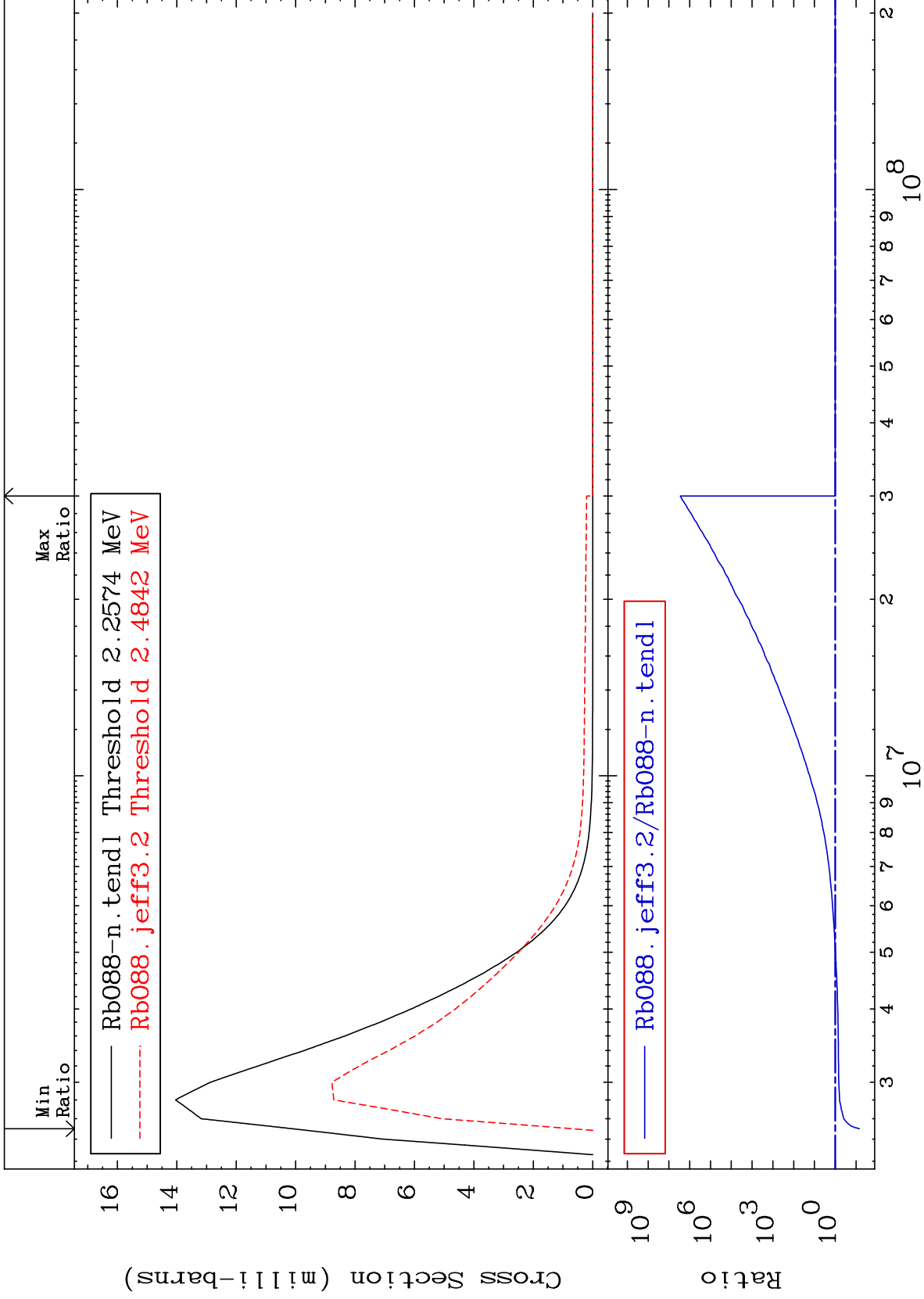
-81.36 To 1.740 %



MAT 3734

2.232 MeV (n,n') Level  
Cross Section

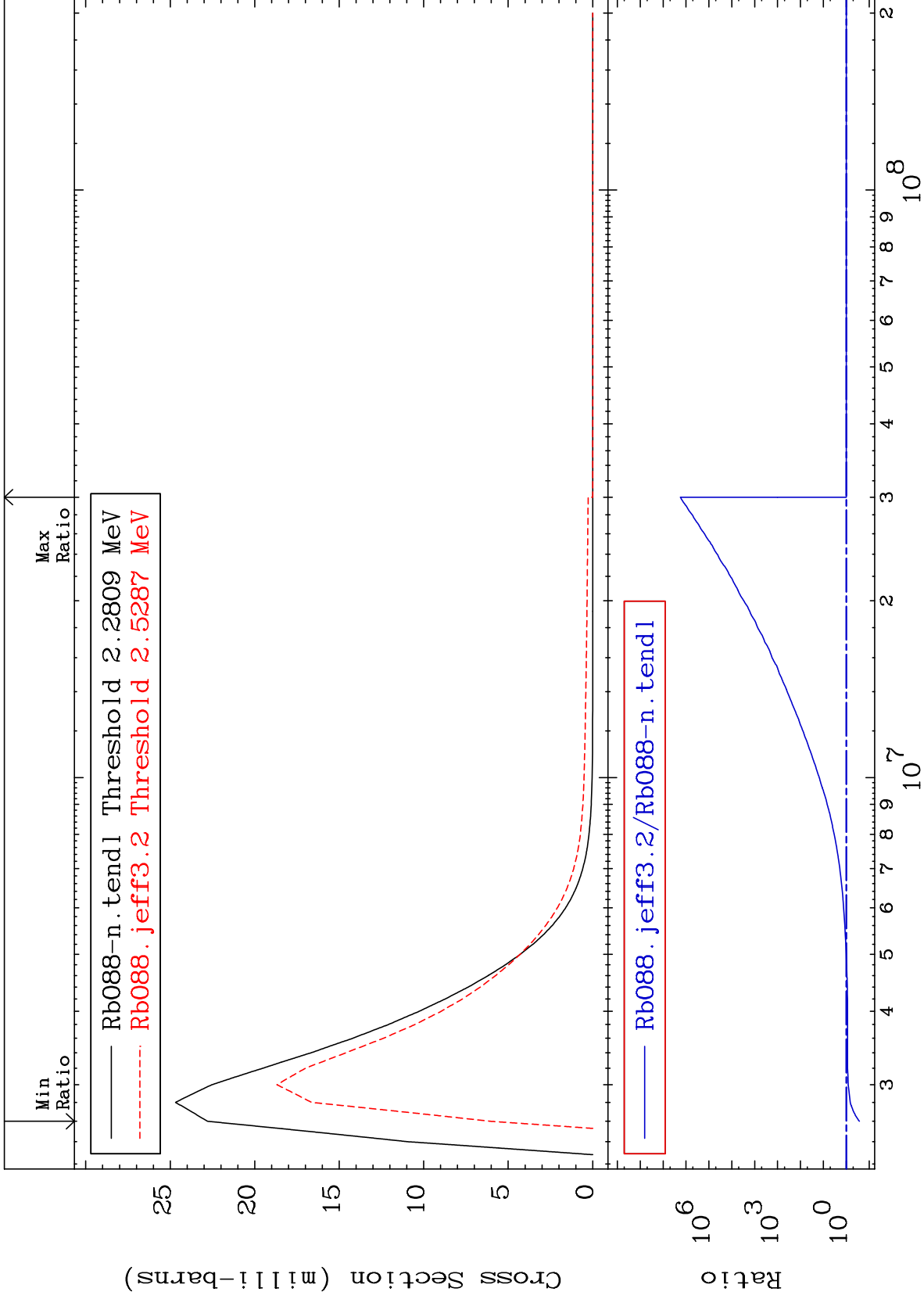
37-Rb-88  
-93.14 To 9999. %



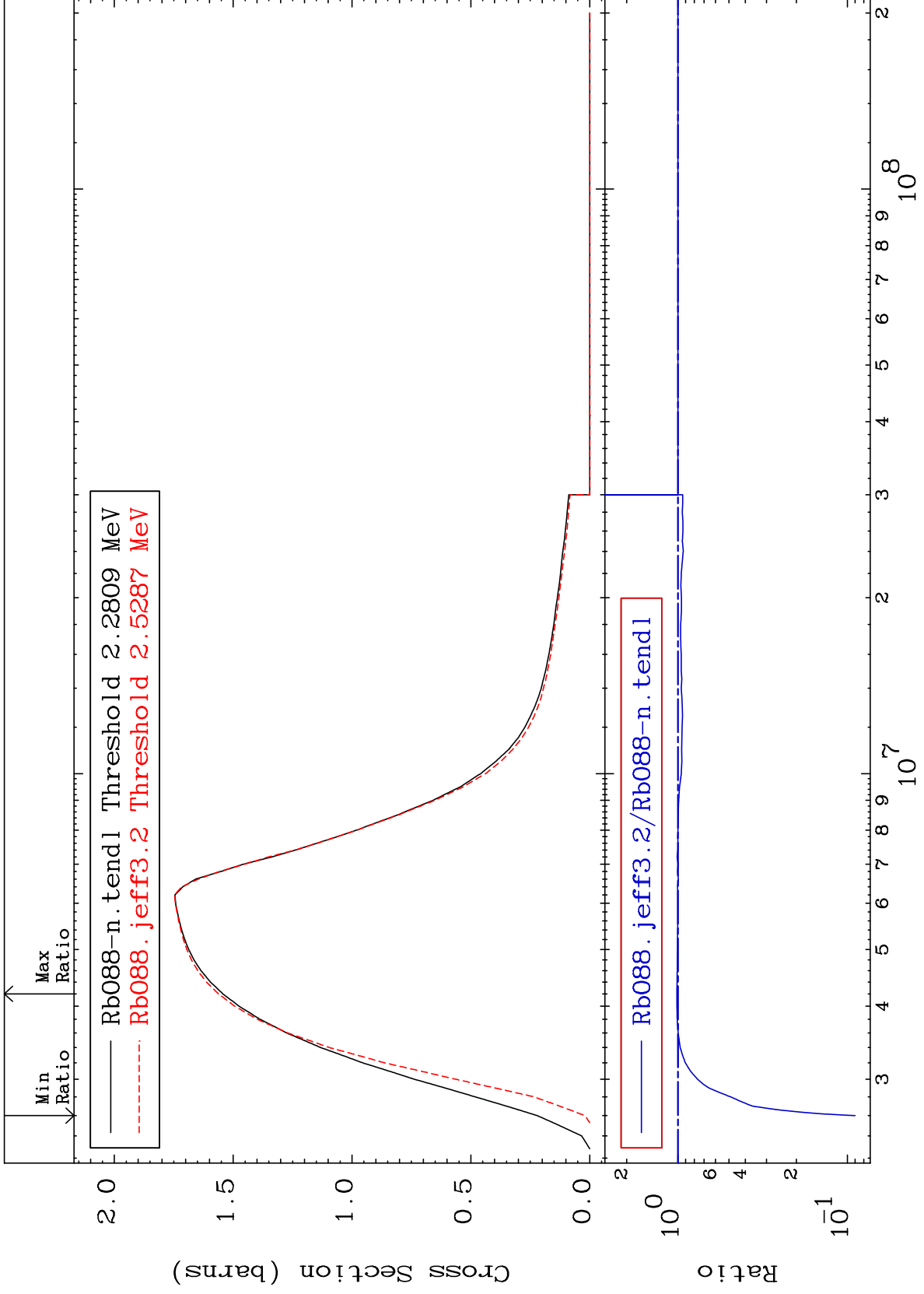
MAT 3734

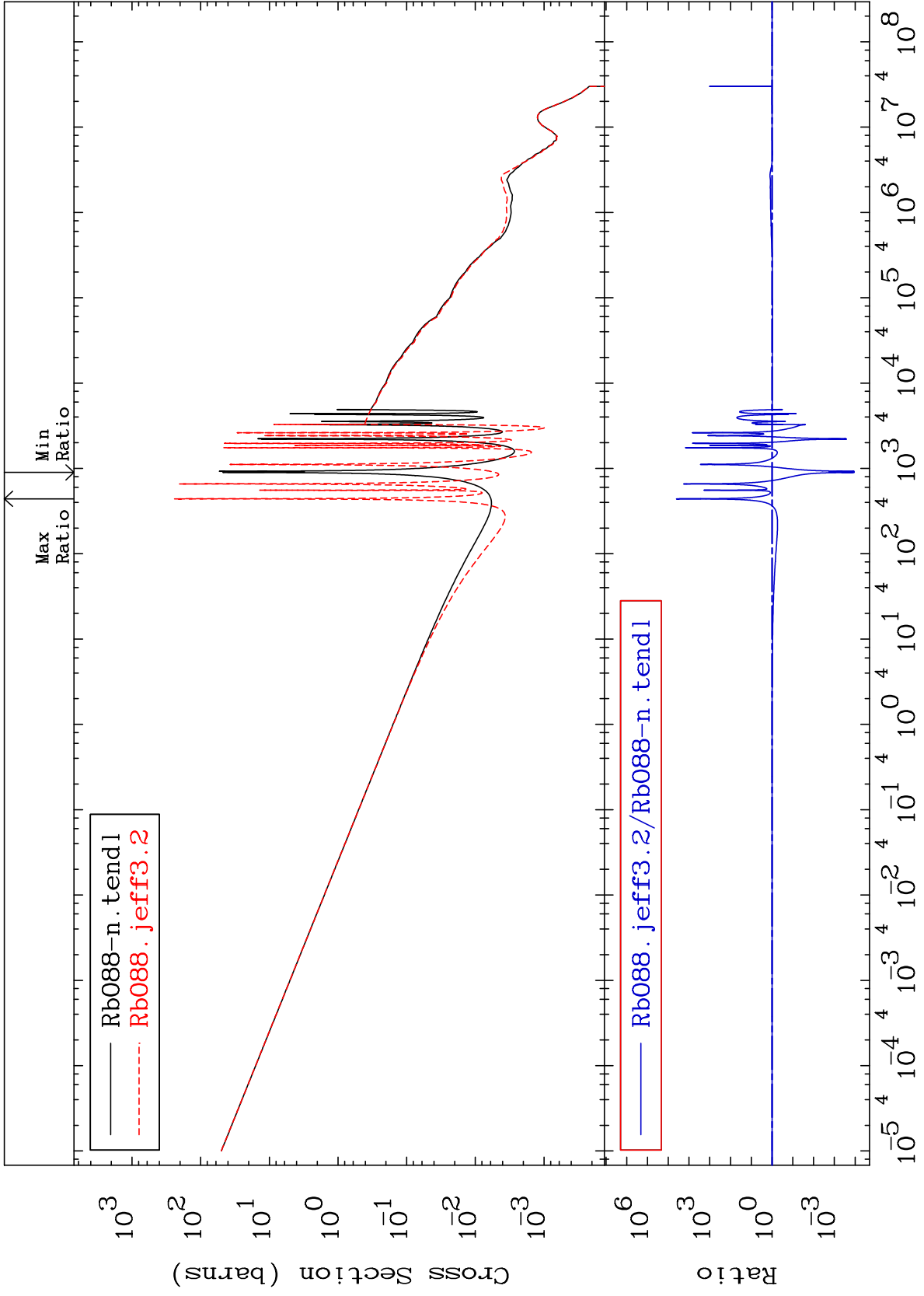
2.255 MeV (n,n') Level  
Cross Section

37-Rb-88  
-73.45 To 9999. %









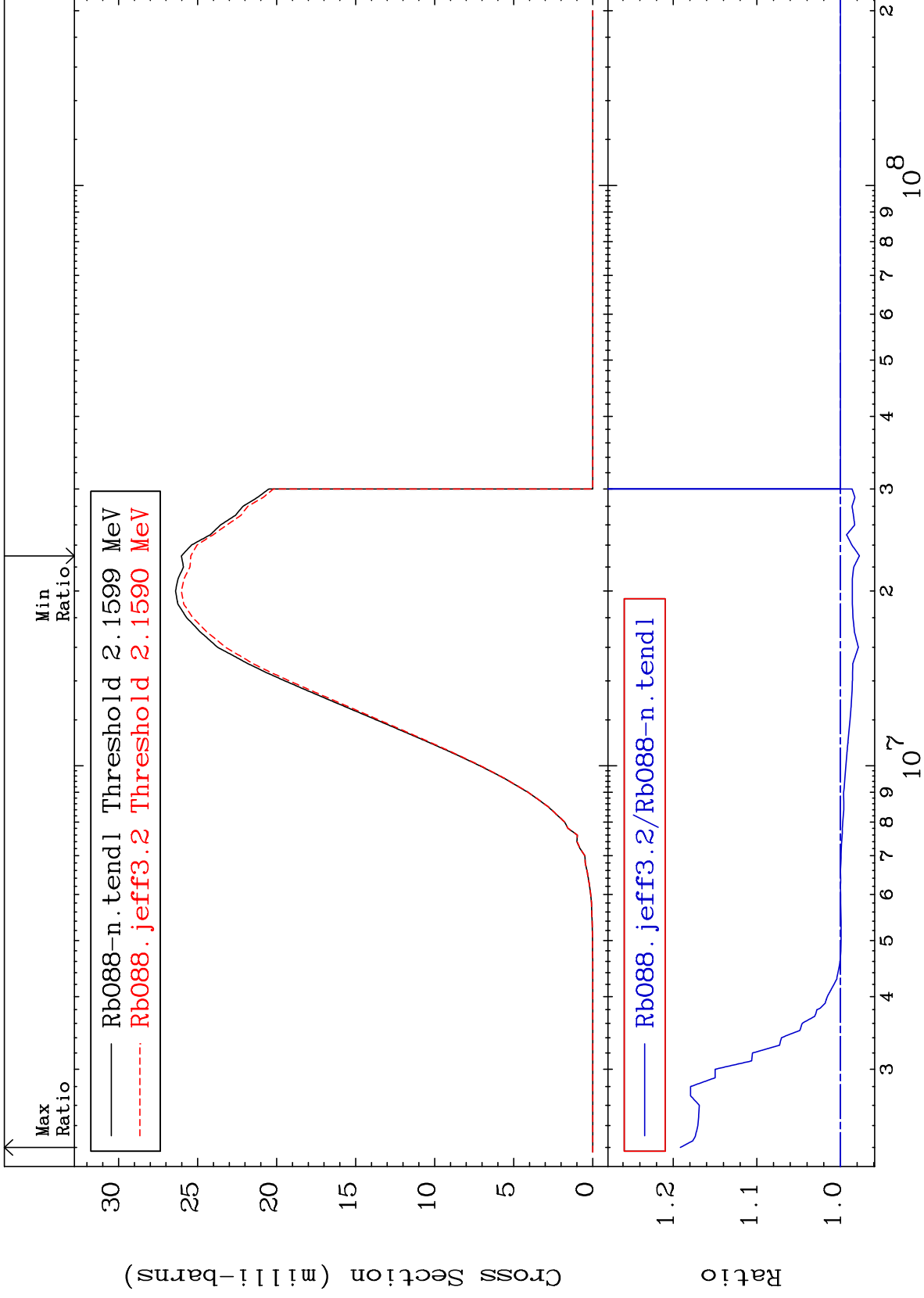
MAT 3734

(n,p)

<sup>37</sup>Rb-88

Cross Section

-2.268 To 19.15 %



51

Incident Energy (eV)

<sup>37</sup>Rb-88

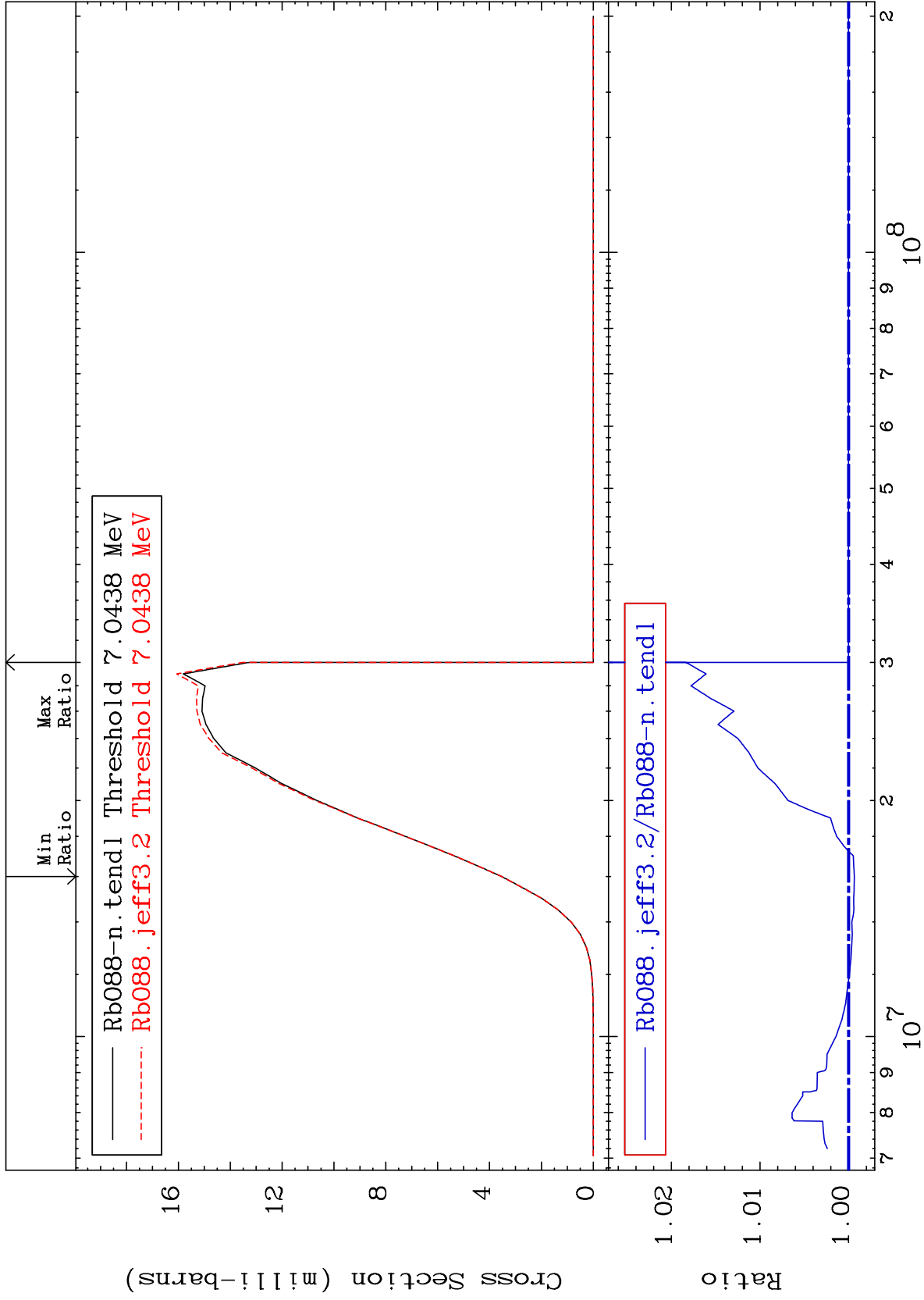
MAT 3734

(n, d)

<sup>37</sup>Rb-88

Cross Section

-0.066 To 1.836 %

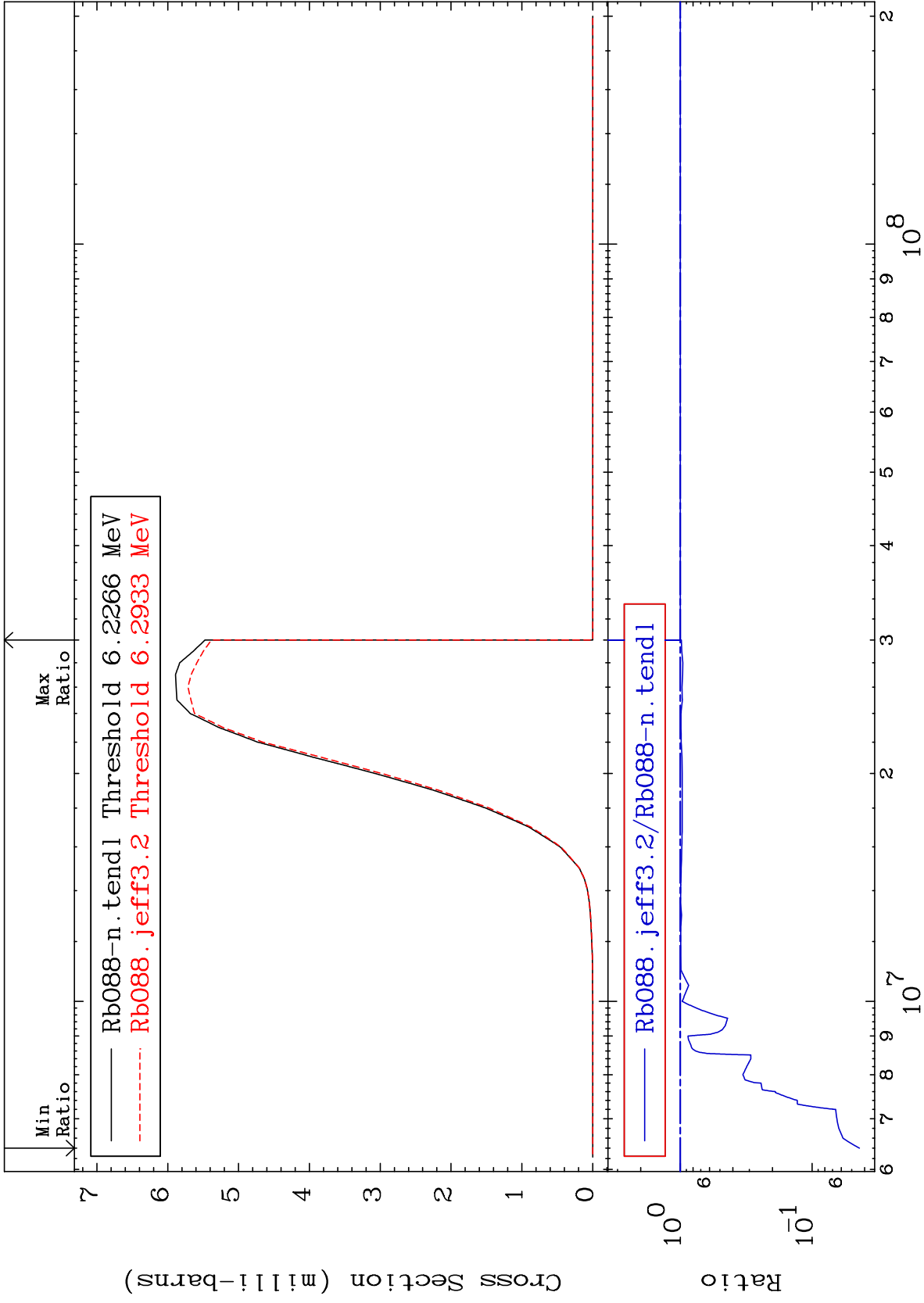


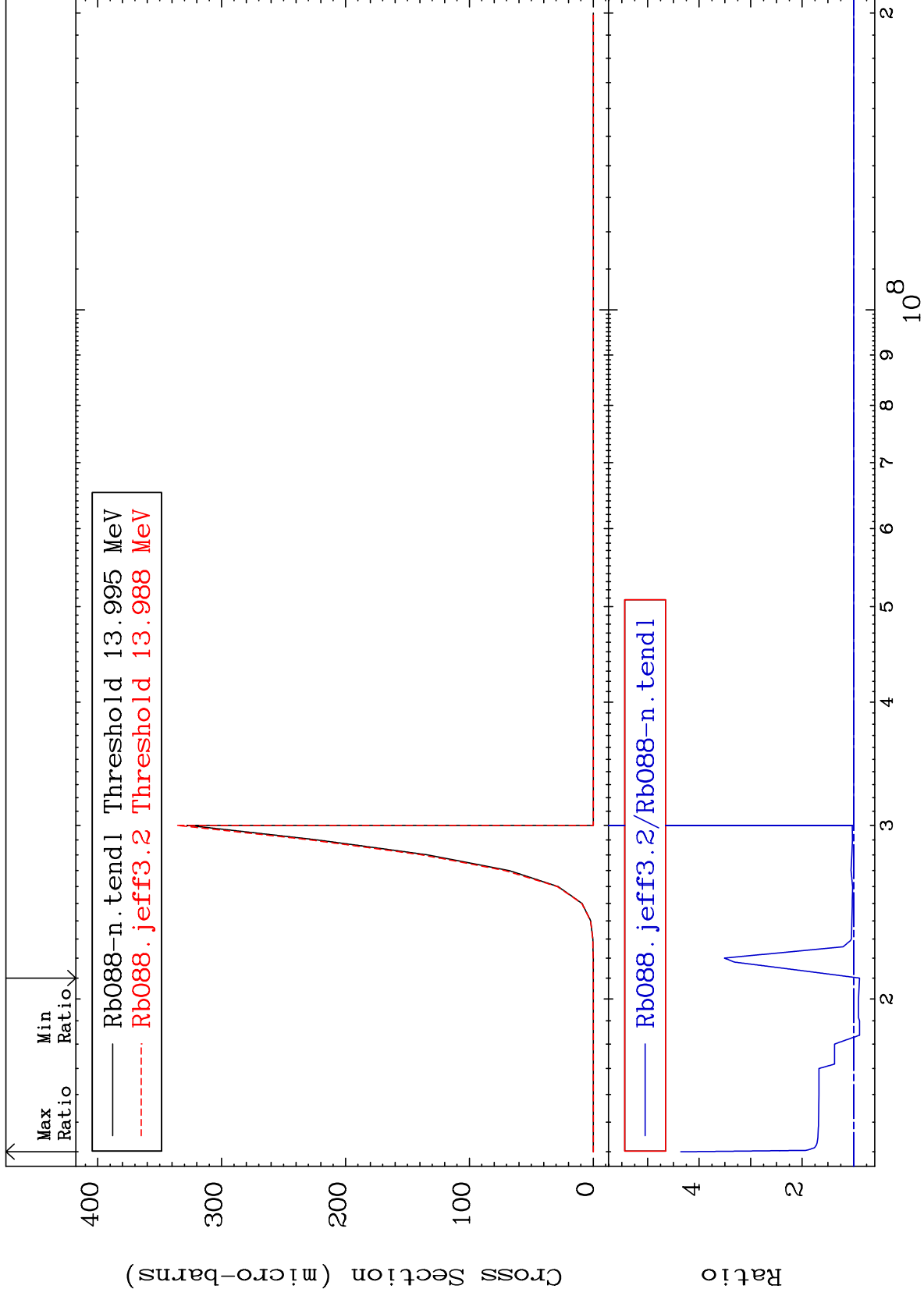
52

Incident Energy (eV)

<sup>37</sup>Rb-88

(n, t)  
Cross Section  
-95.62 To 0.000 %





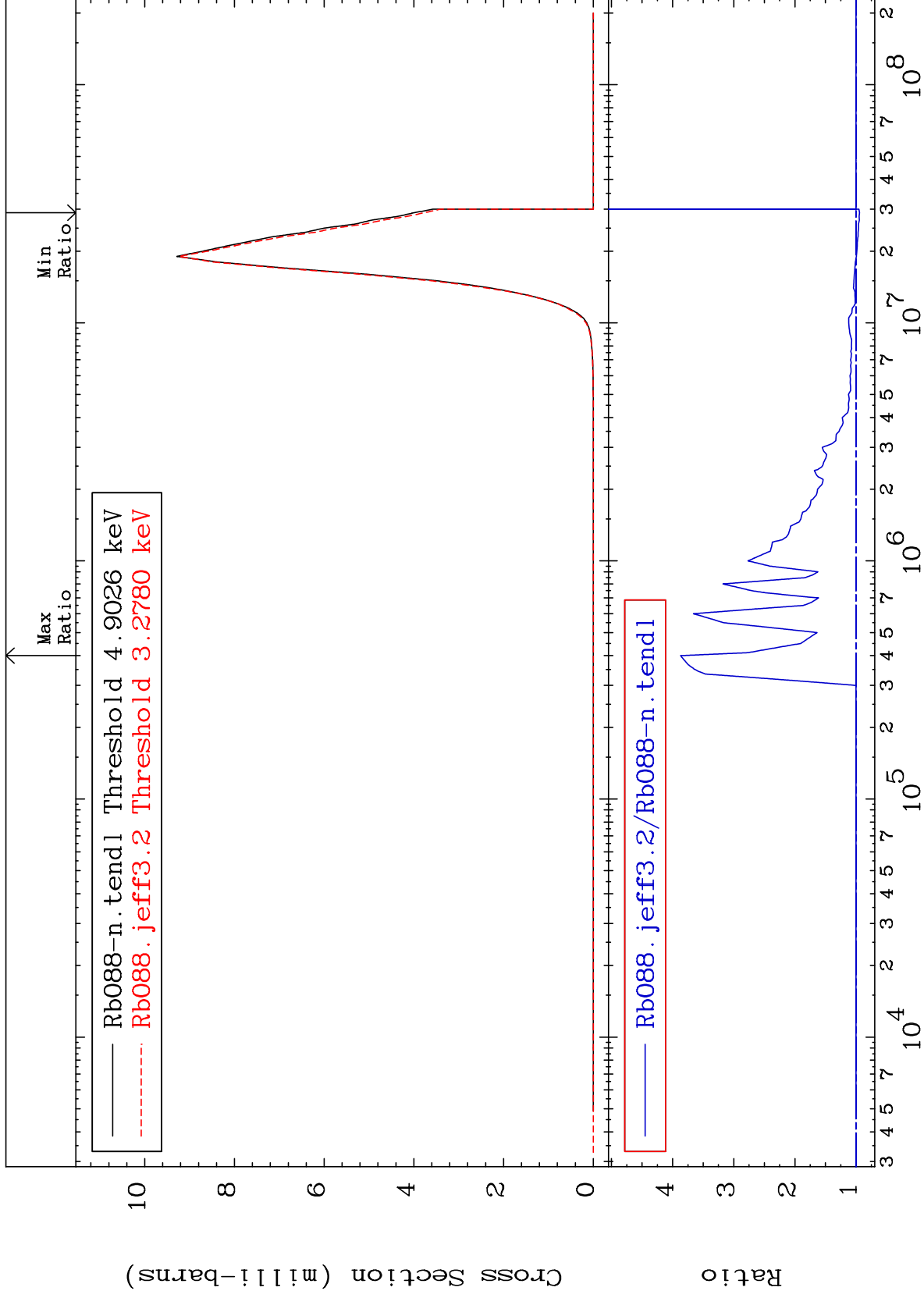
MAT 3734

(n,  $\alpha$ )

<sup>37</sup>Rb-88

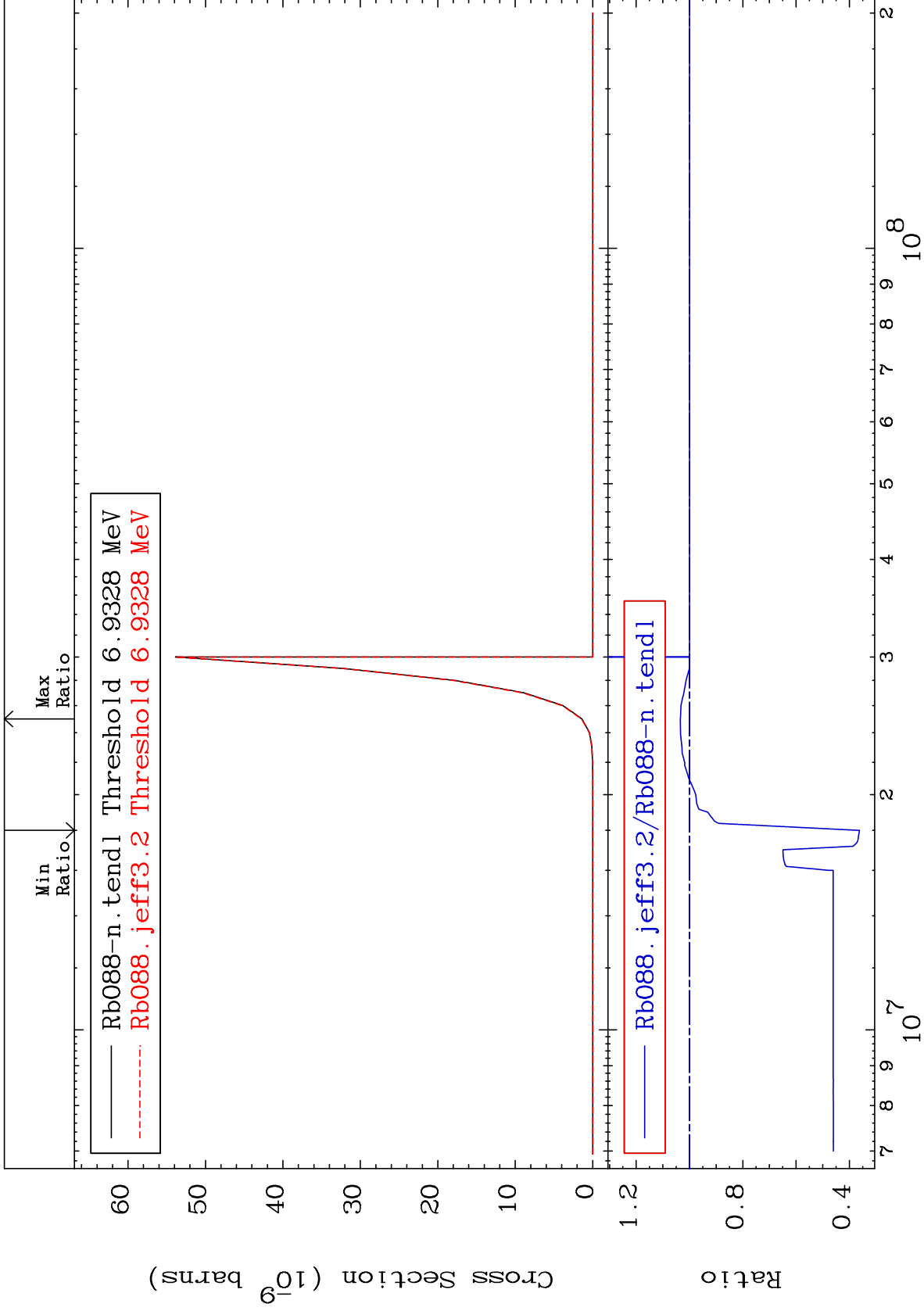
Cross Section

-5.707 To 286.7 %



Cross Section

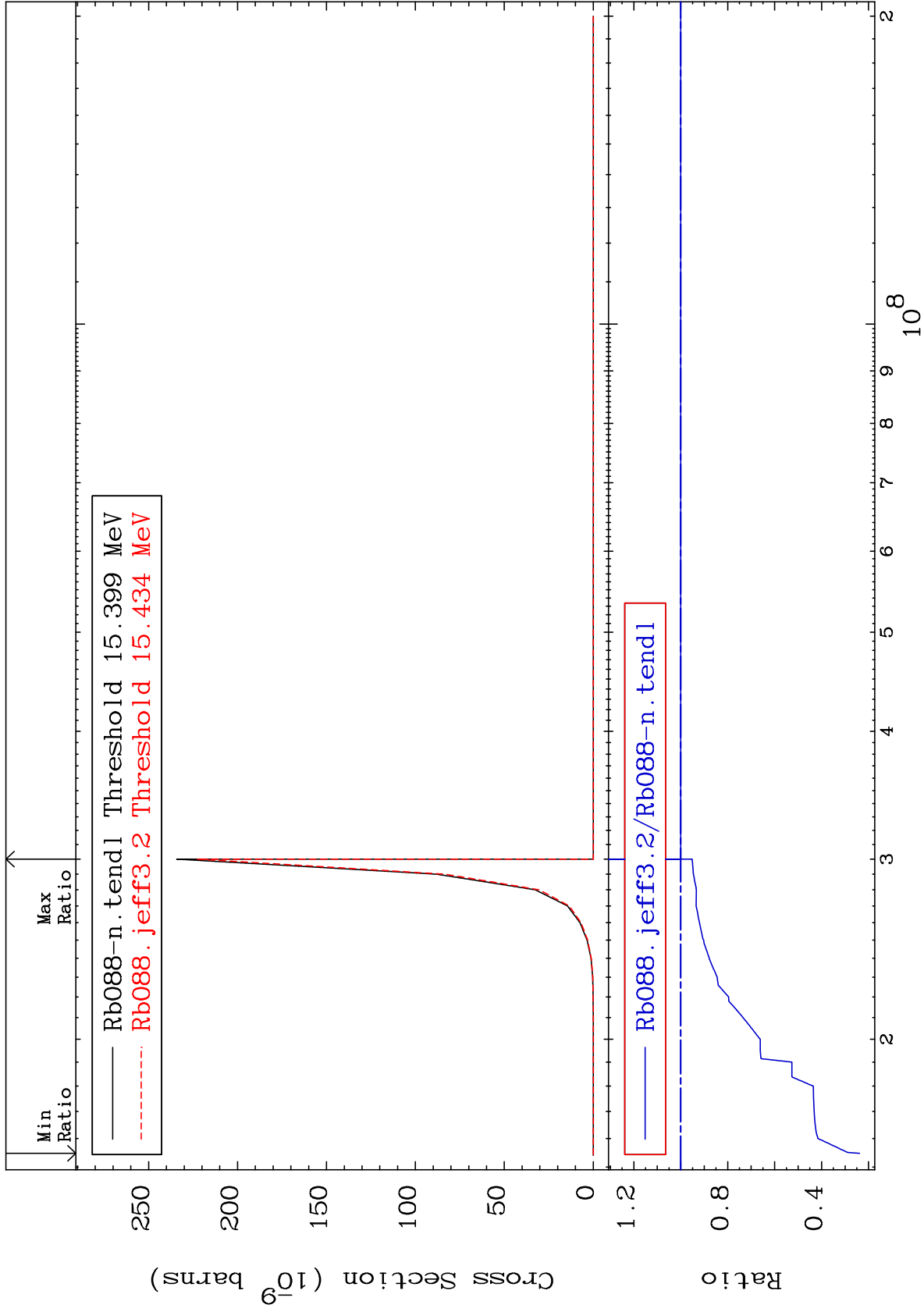
-63.77 To 3.422 %





Cross Section

-76.16 To 0.000 %



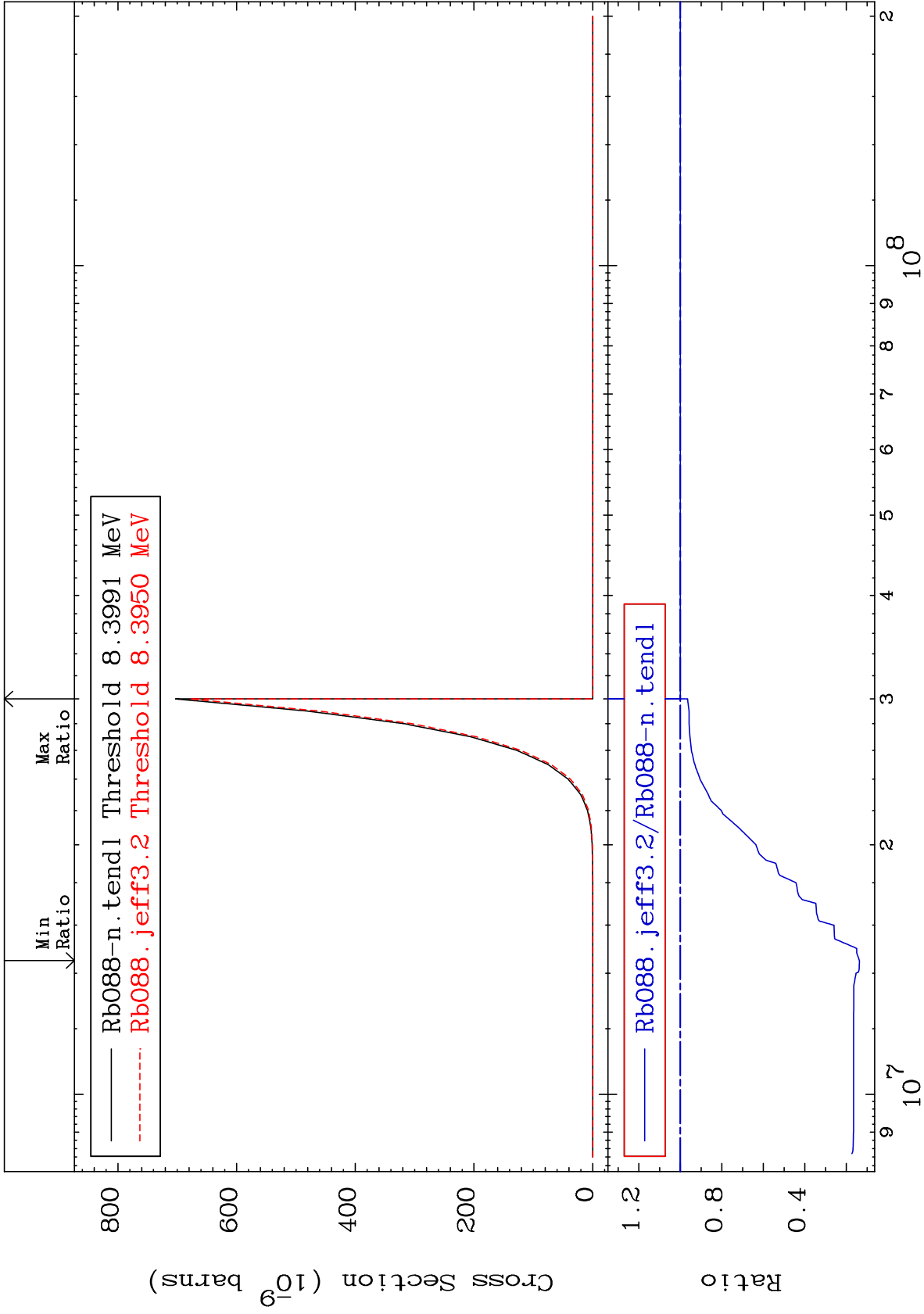
MAT 3734

(n,p)  $\alpha$

<sup>37</sup>Rb-88

Cross Section

-86.32 To 0.000 %



58

Incident Energy (eV)

<sup>37</sup>Rb-88

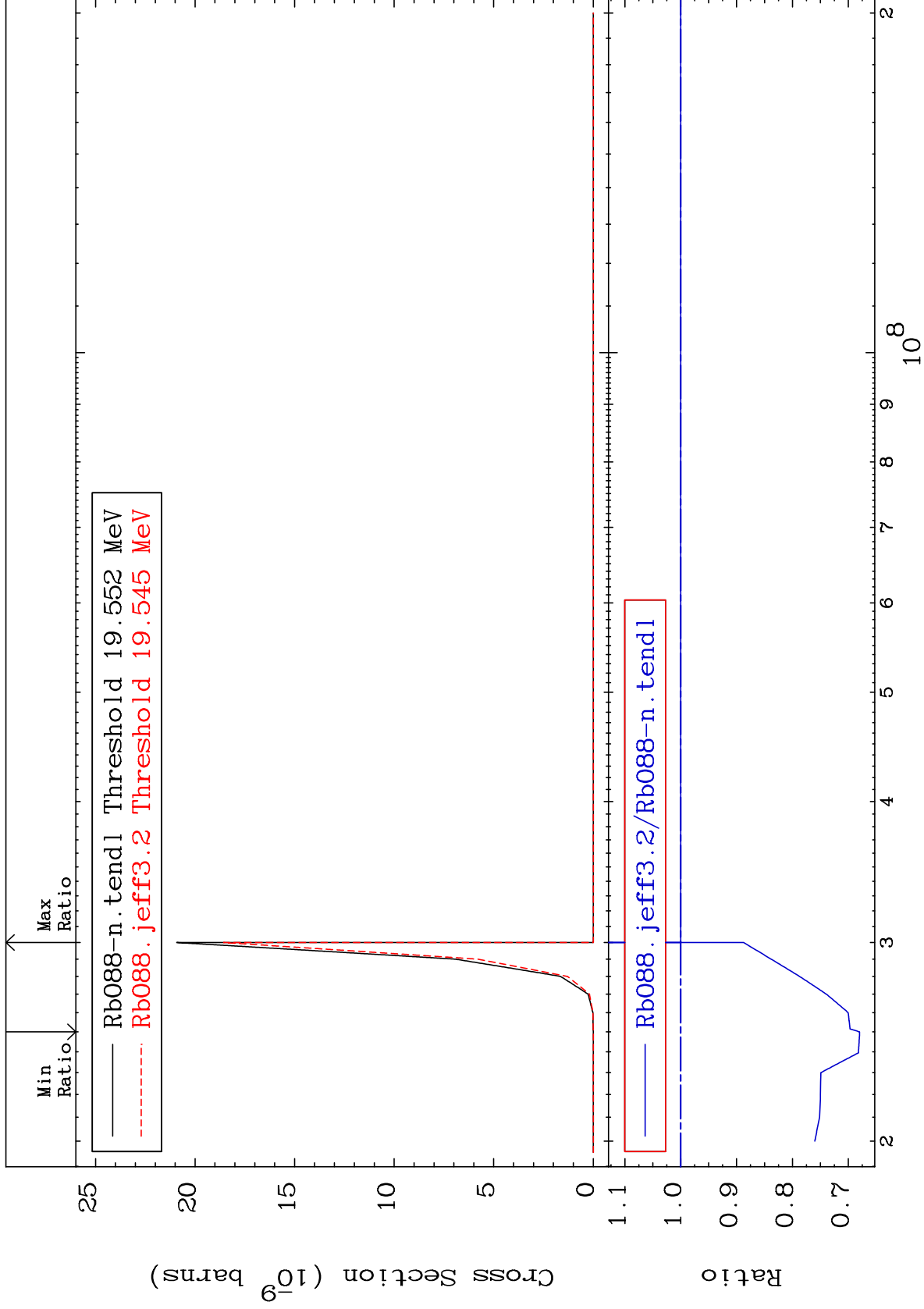
MAT 3734

(n,p) d

<sup>37</sup>Rb-88

Cross Section

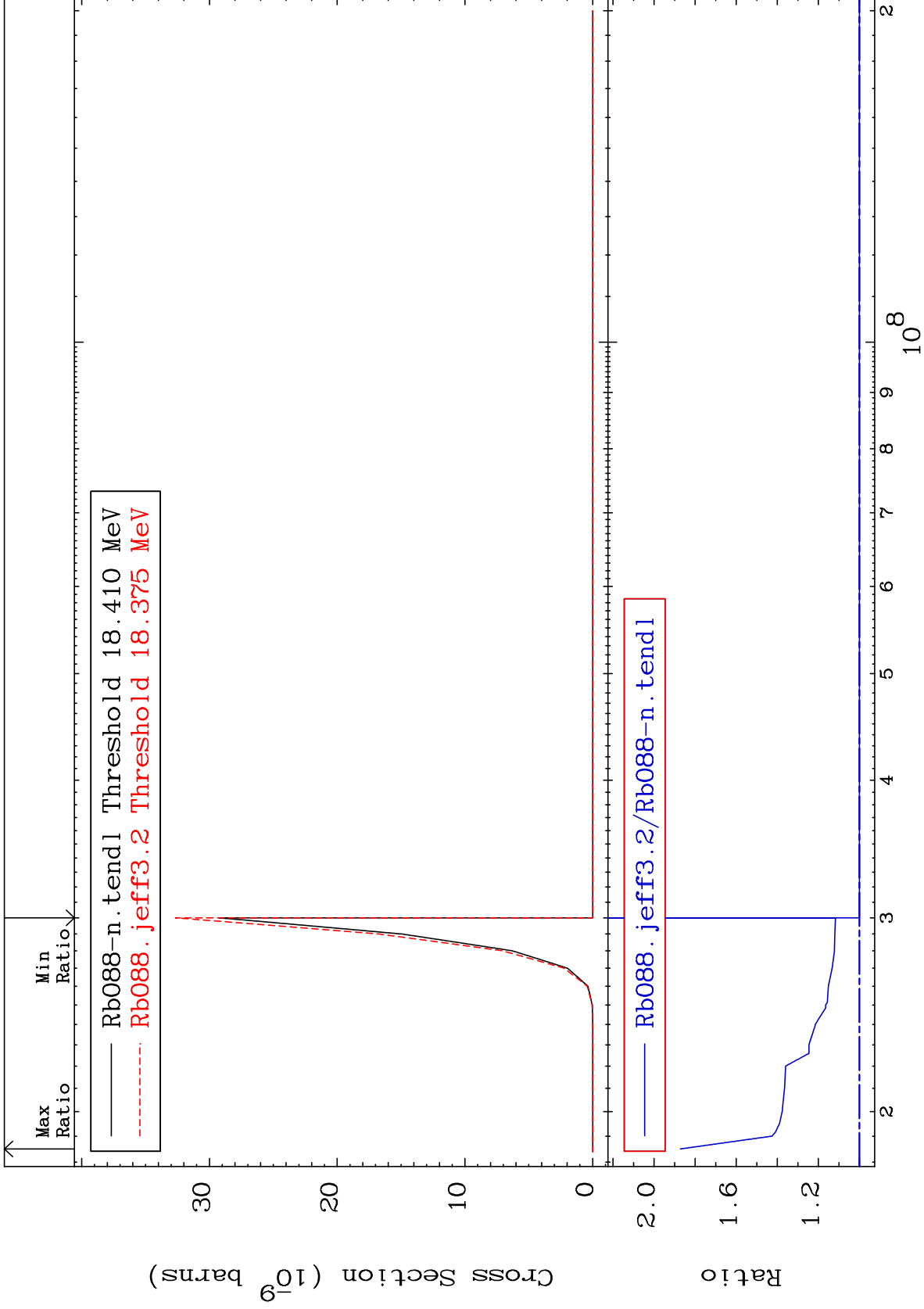
-32.02 To 0.000 %



MAT 3734

(n,p) t  
Cross Section

37-Rb-88  
To 87.20 %  
0.000



60

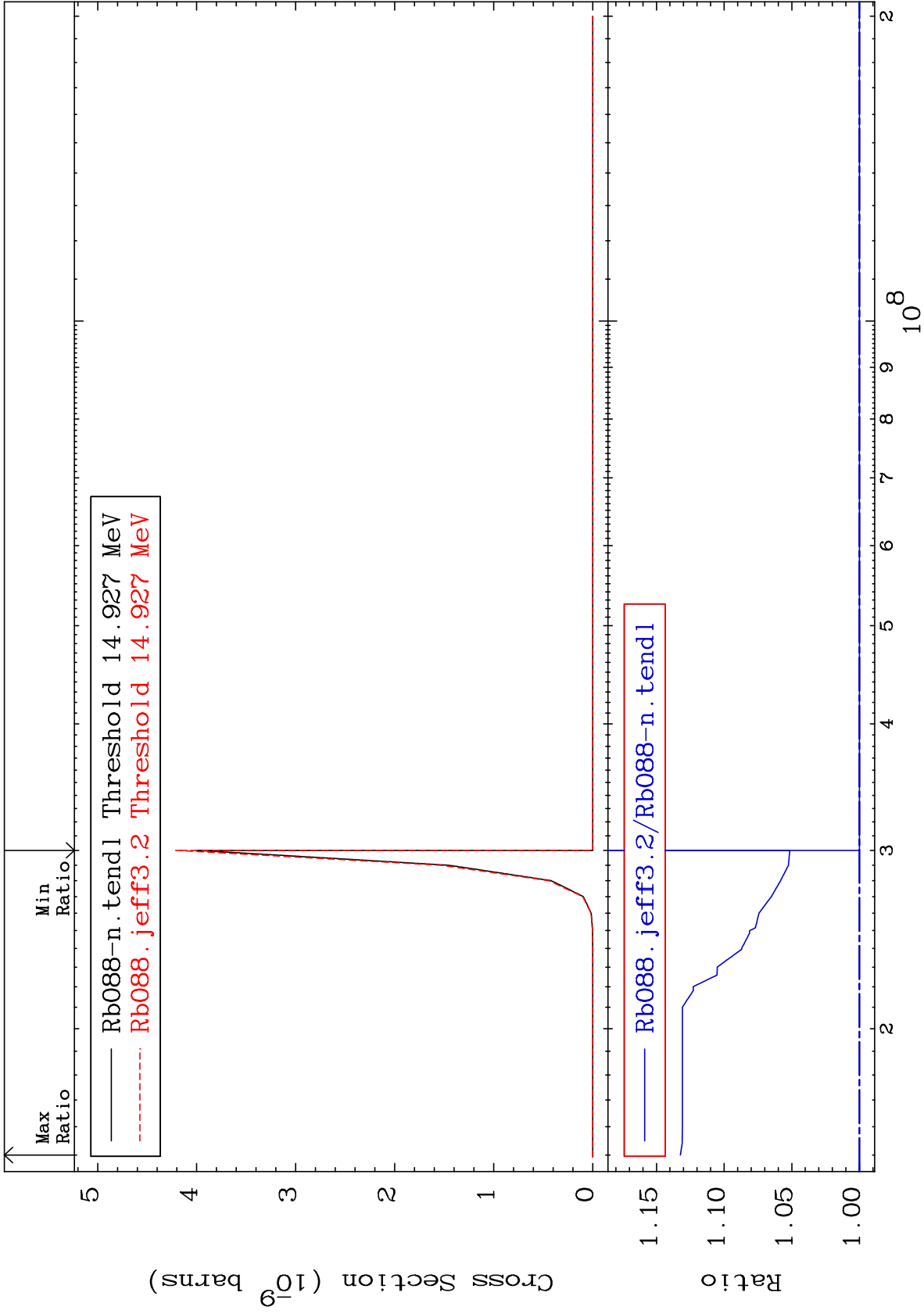
Incident Energy (eV)

37-Rb-88

MAT 3734

(n,d)  $\alpha$   
Cross Section

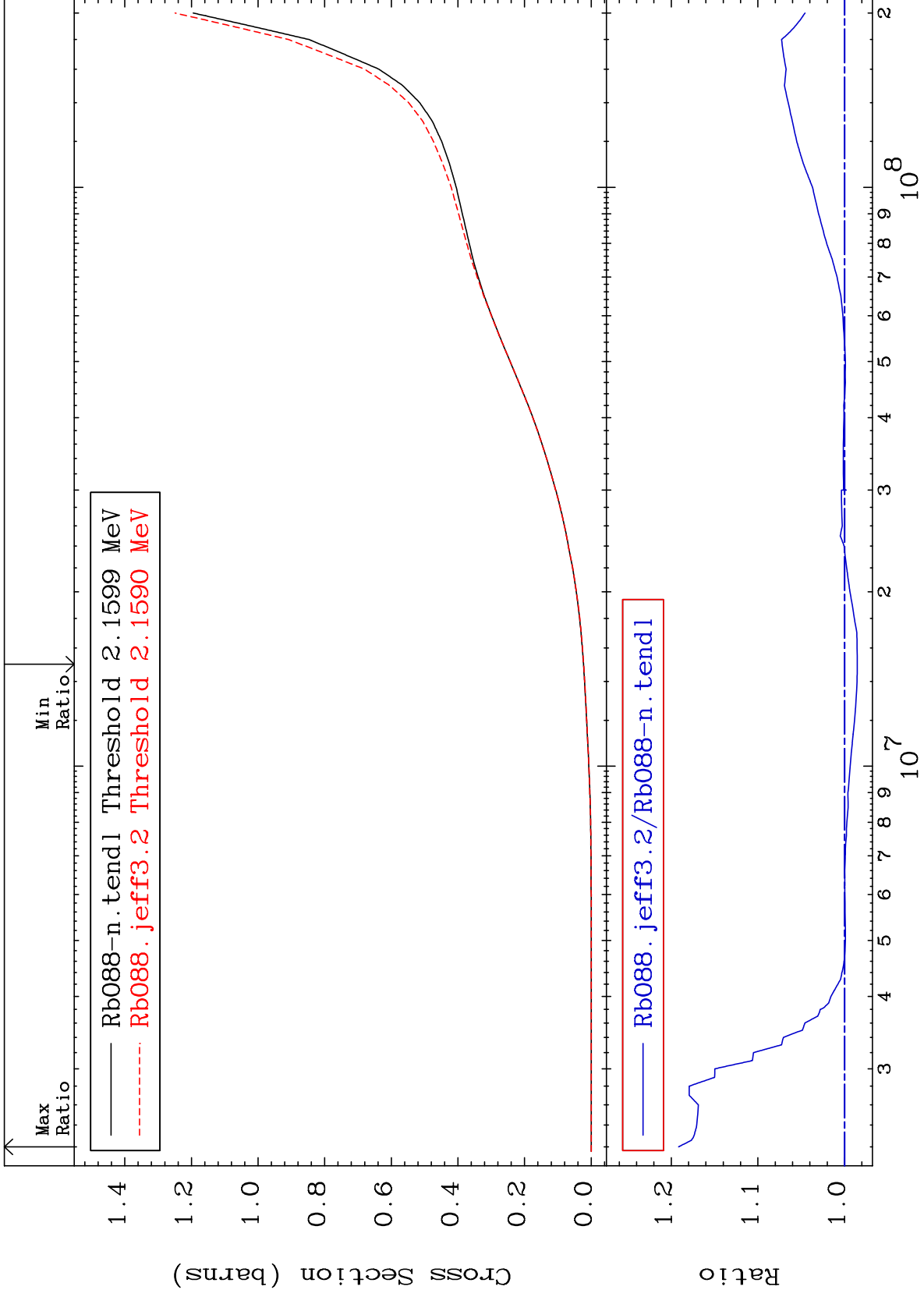
37-Rb-88  
0.000 To 13.23 %



MAT 3734

Hydrogen Production  
Cross Section

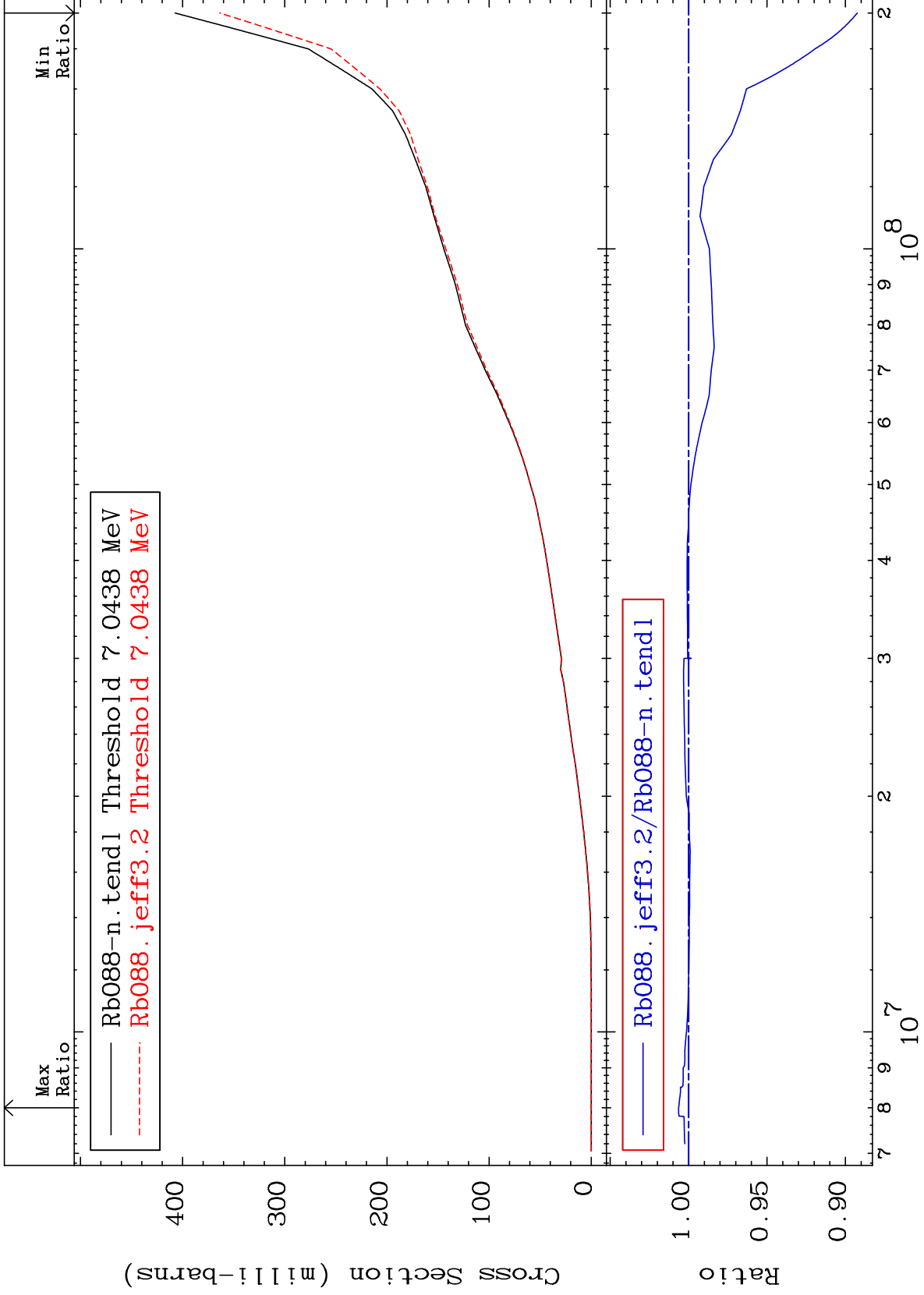
<sup>37</sup>Rb-88  
-1.462 To 19.15 %



MAT 3734

Deuterium Production  
Cross Section

37-Rb-88  
-10.75 To 0.639 %



63

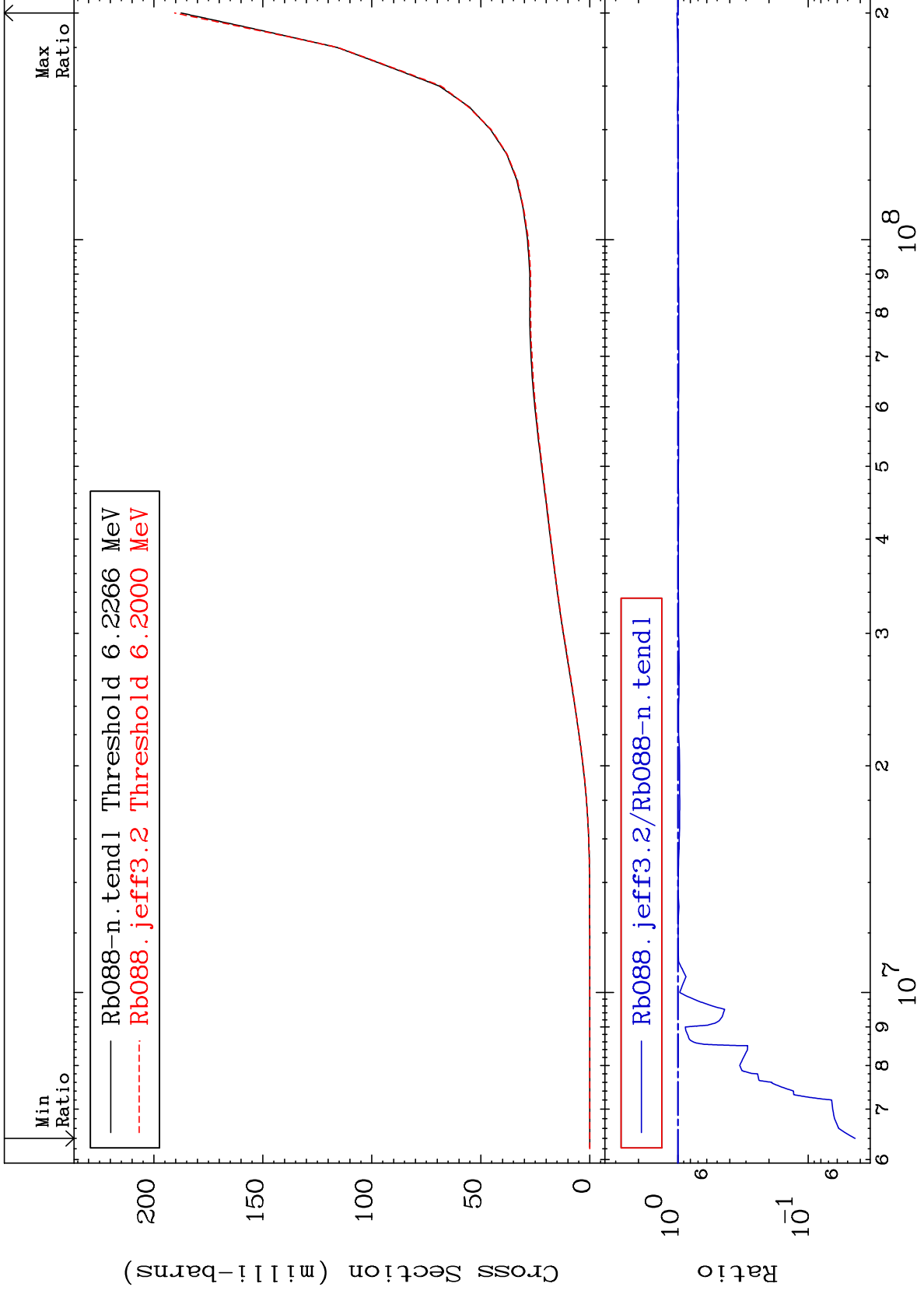
Incident Energy (eV)

37-Rb-88

MAT 3734

Tritium Production  
Cross Section

37-Rb-88  
-95.62 To 1.601 %

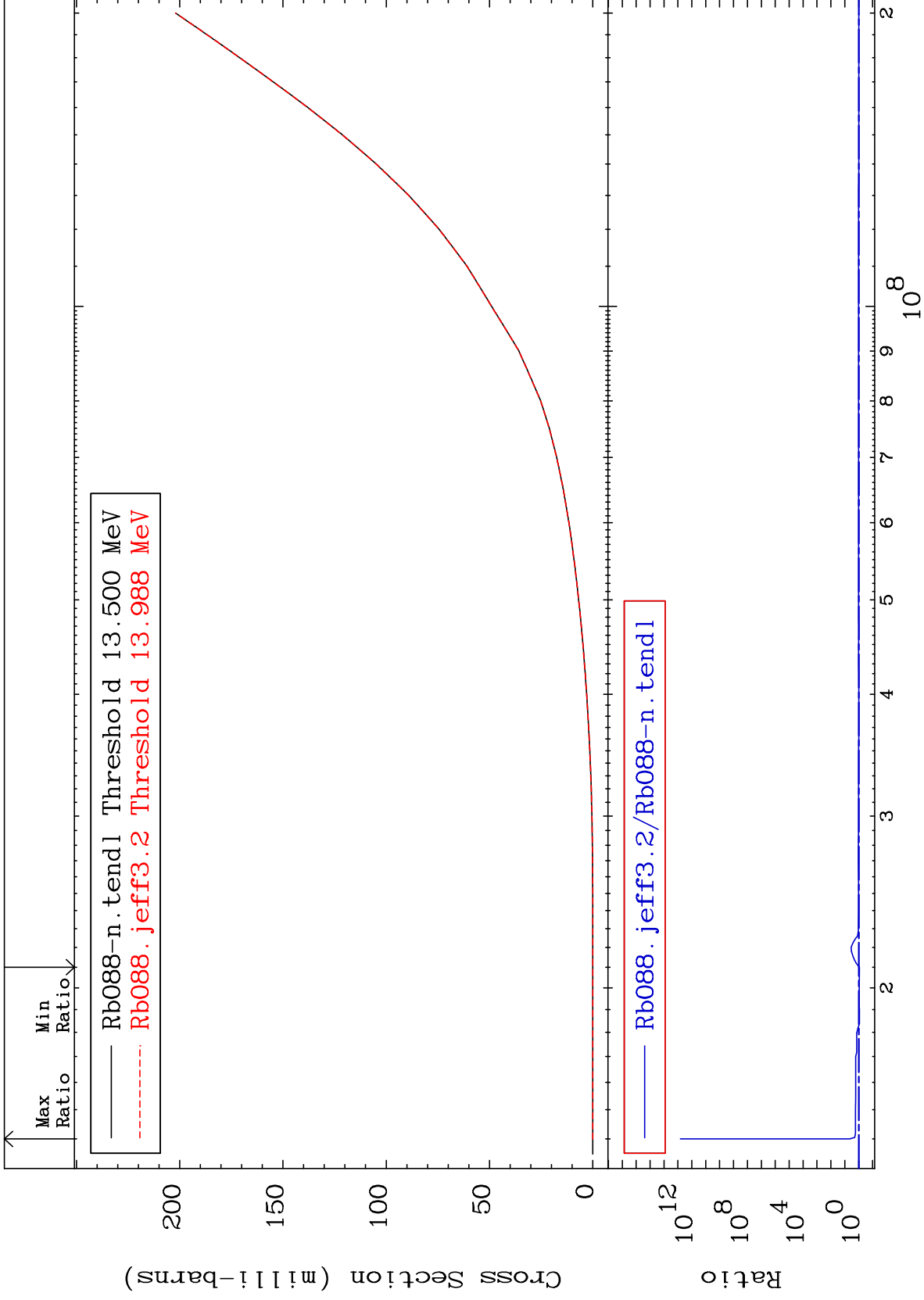


64

Incident Energy (eV)

37-Rb-88

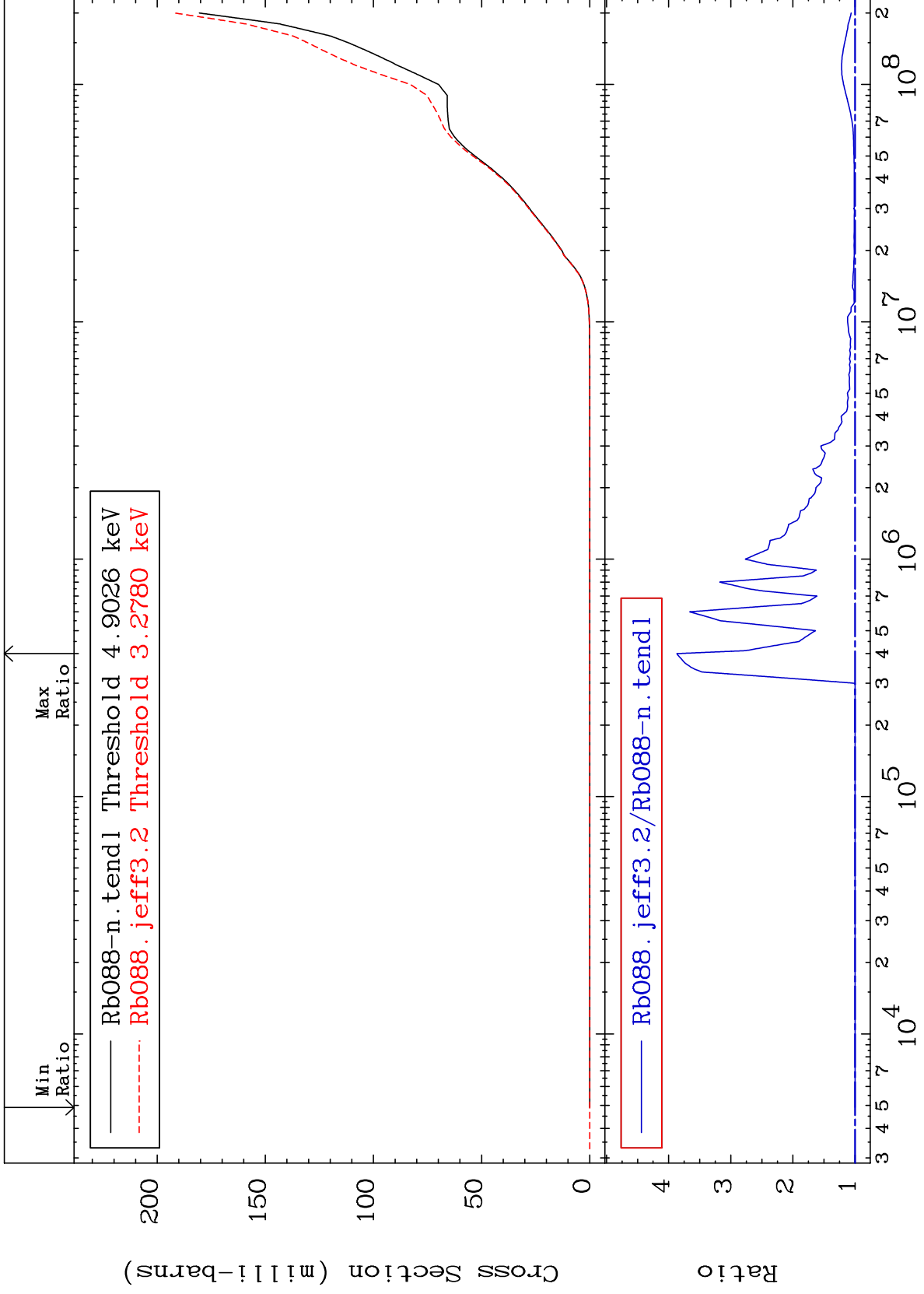


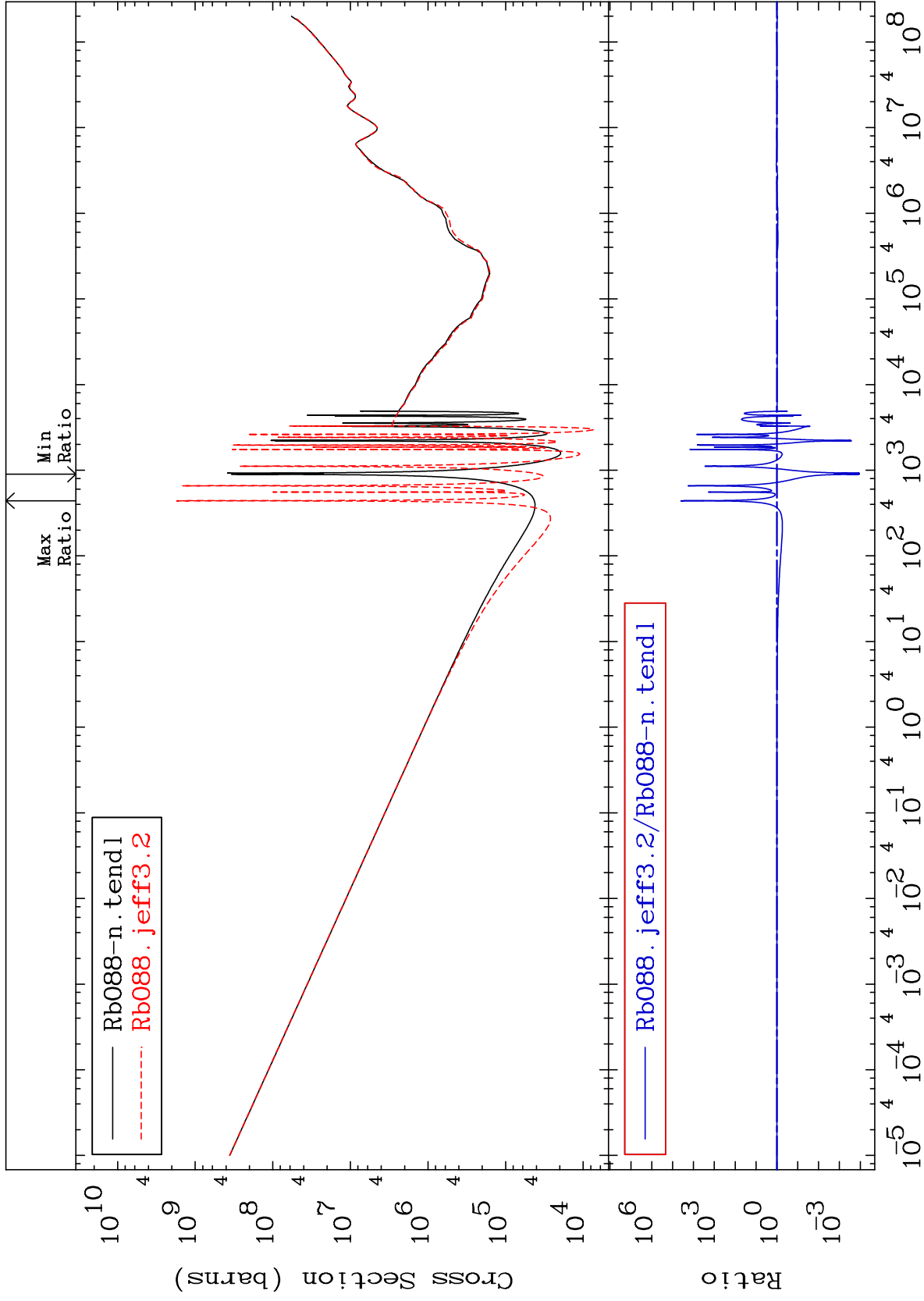


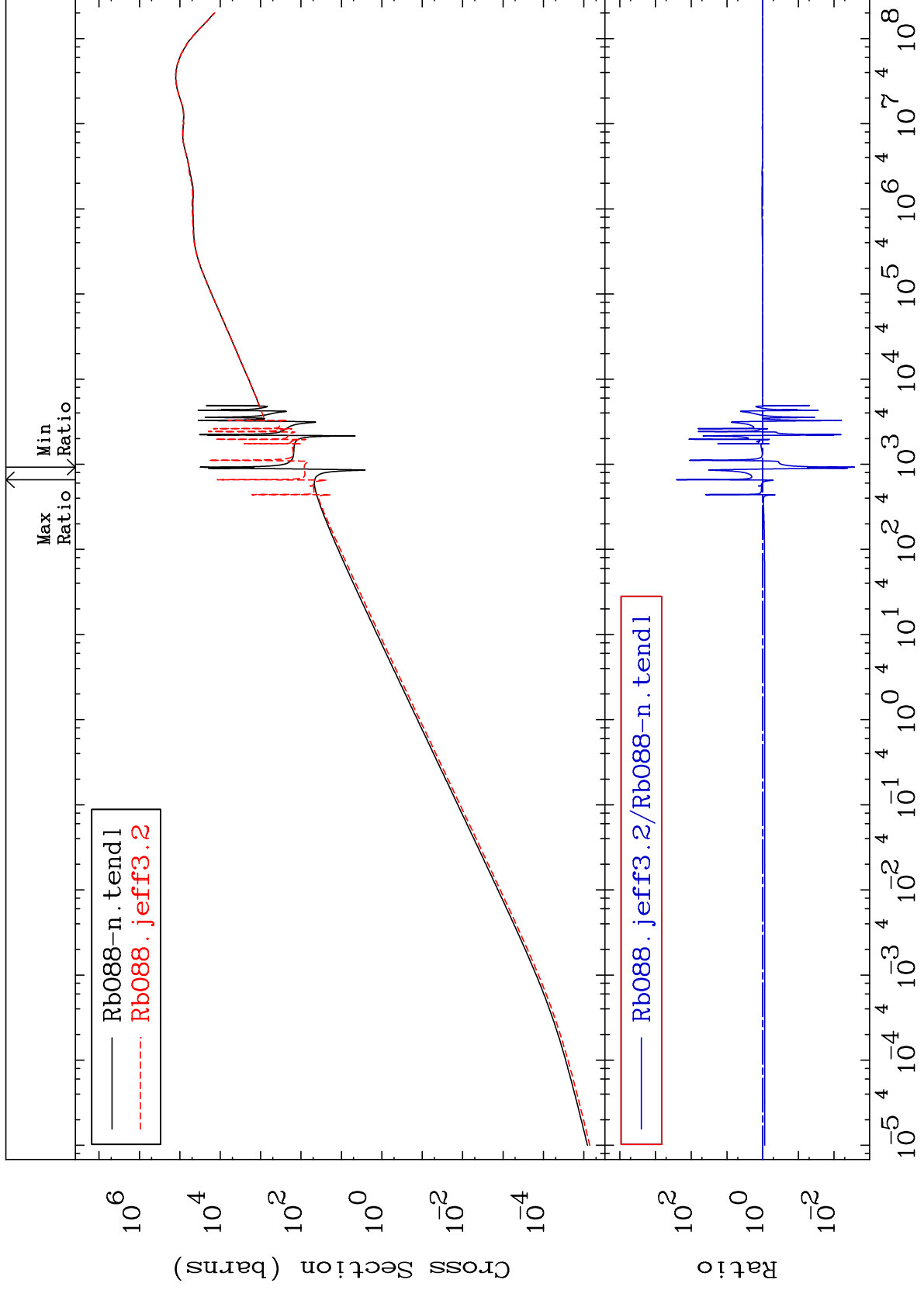
MAT 3734

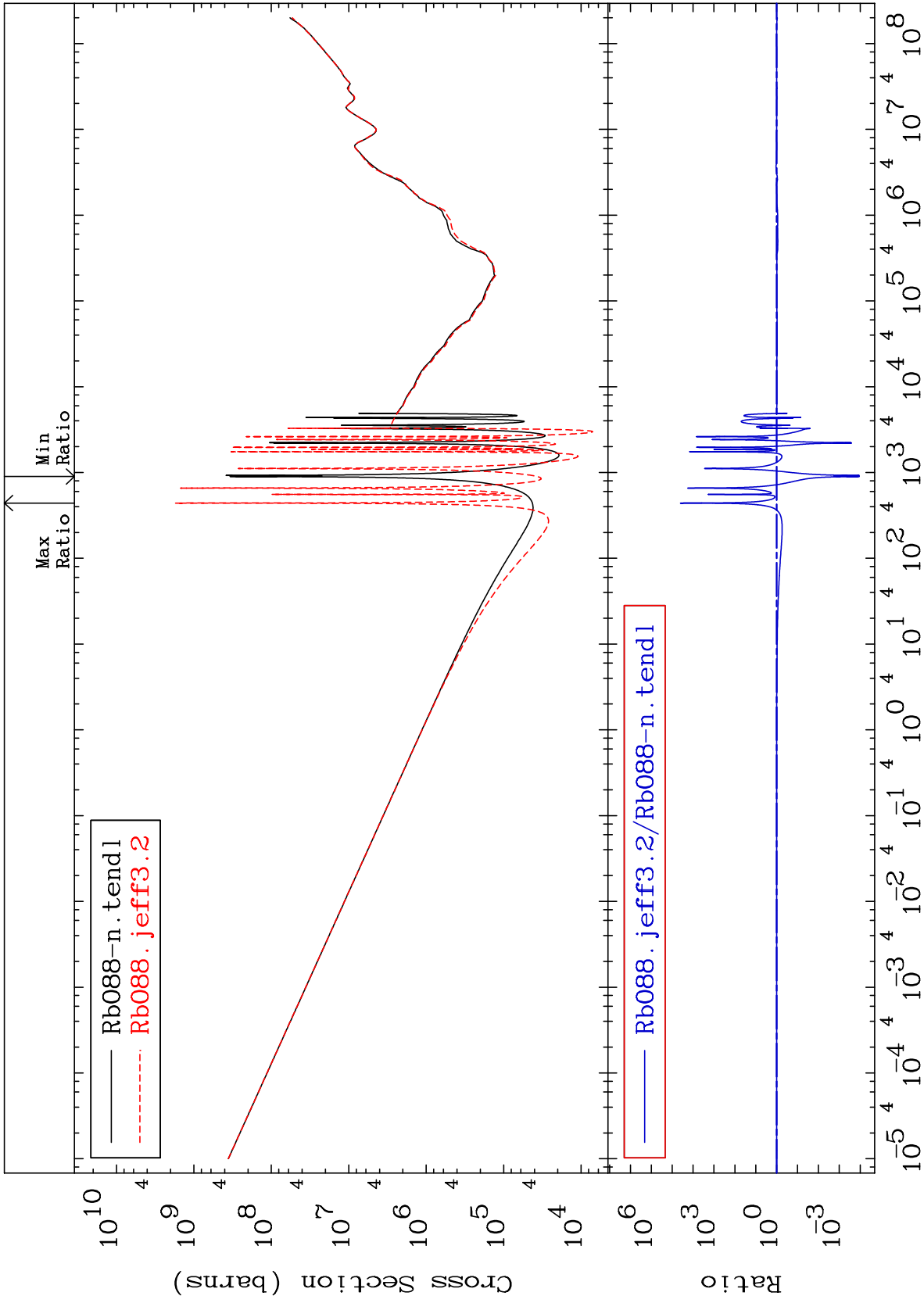
He-4 Production  
Cross Section

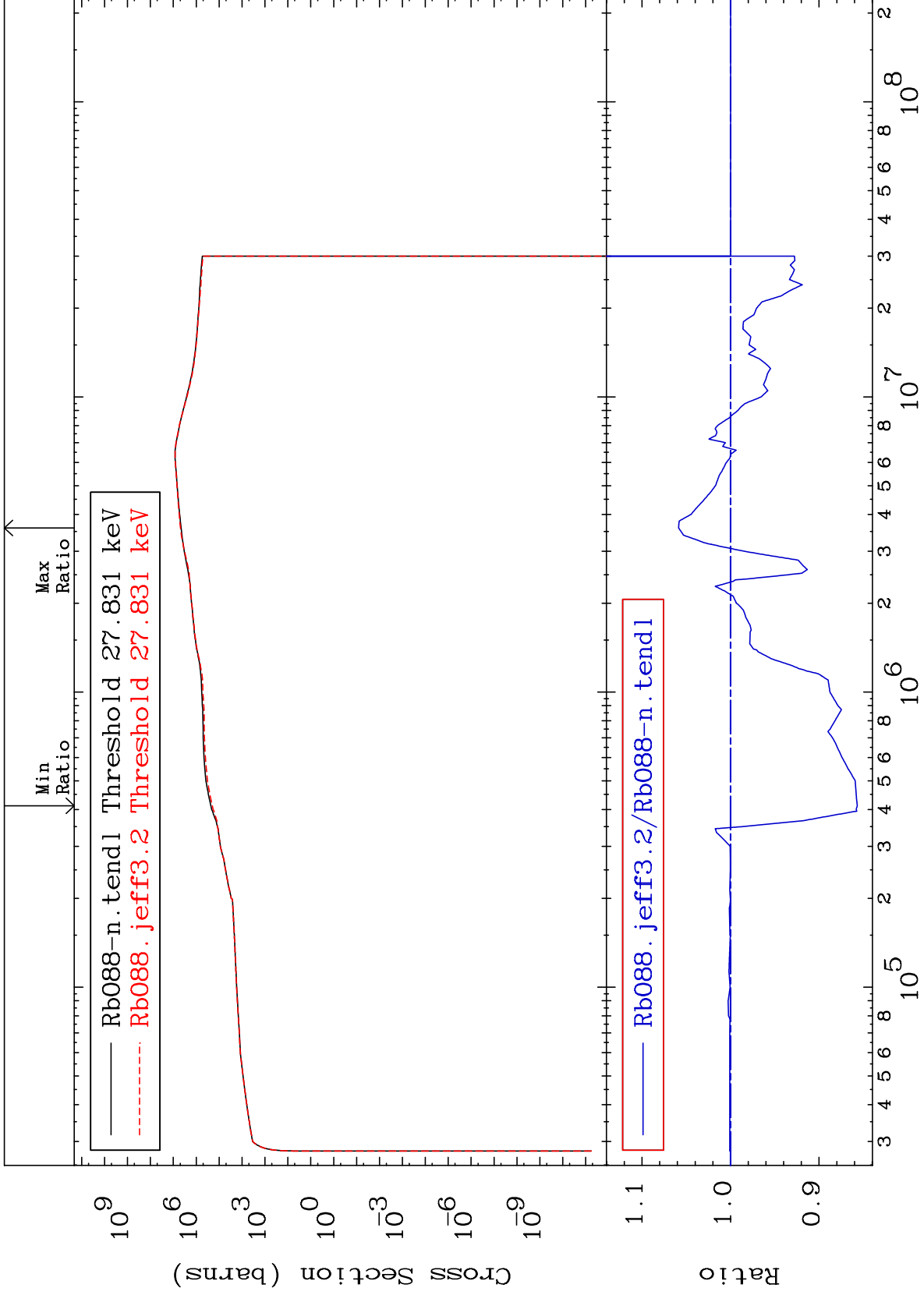
37-Rb-88  
0.000 To 286.7 %







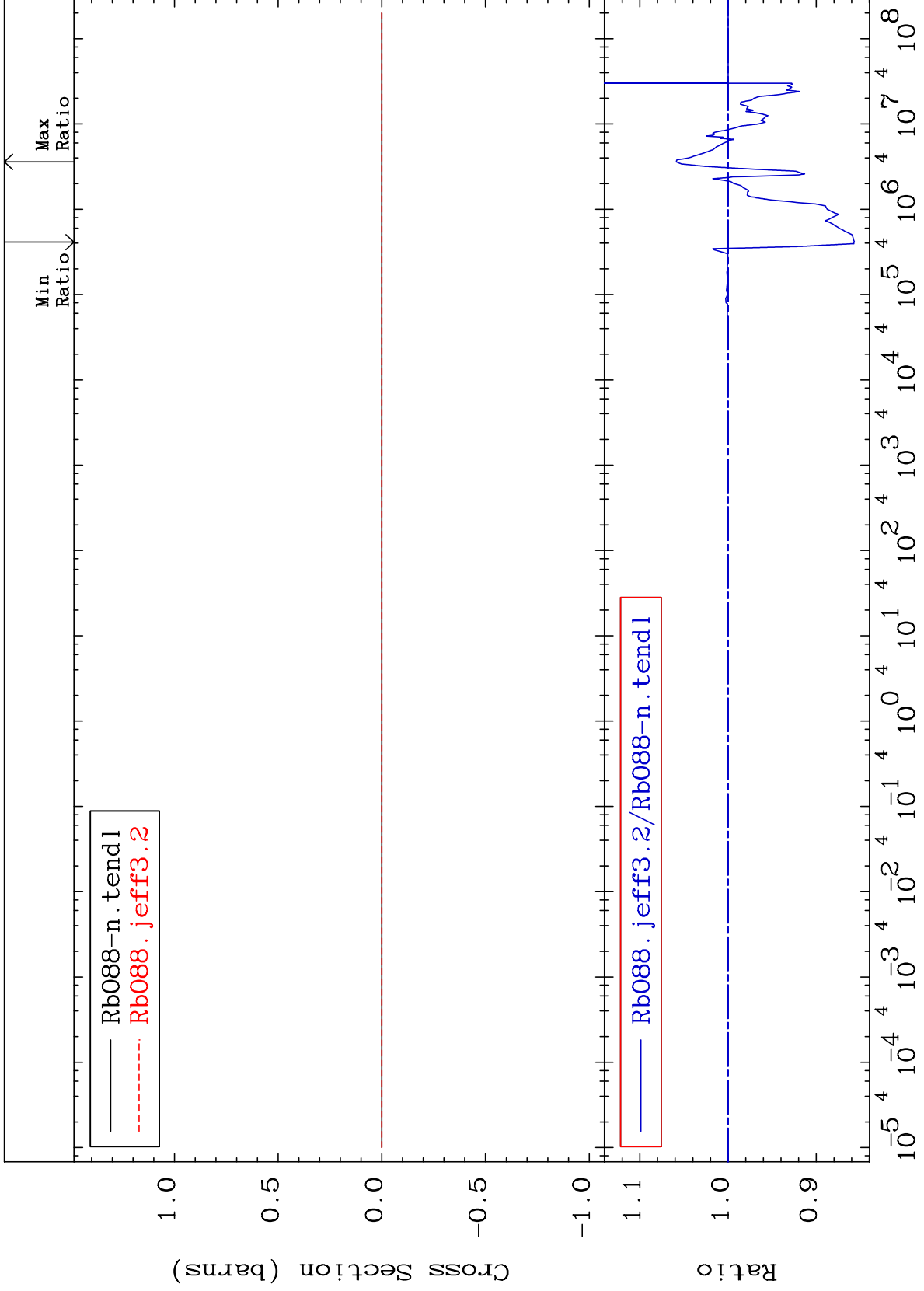


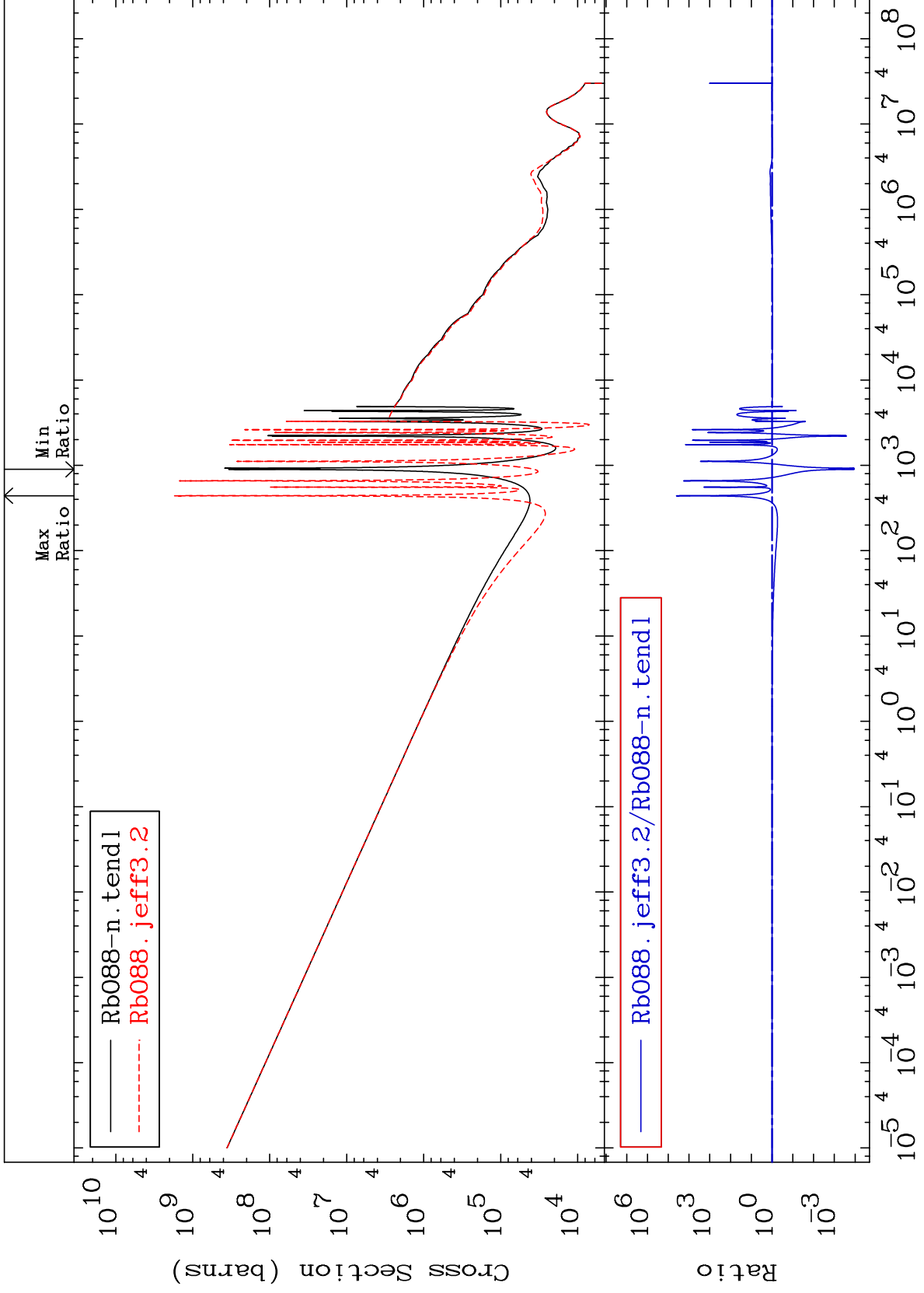


MAT 3734

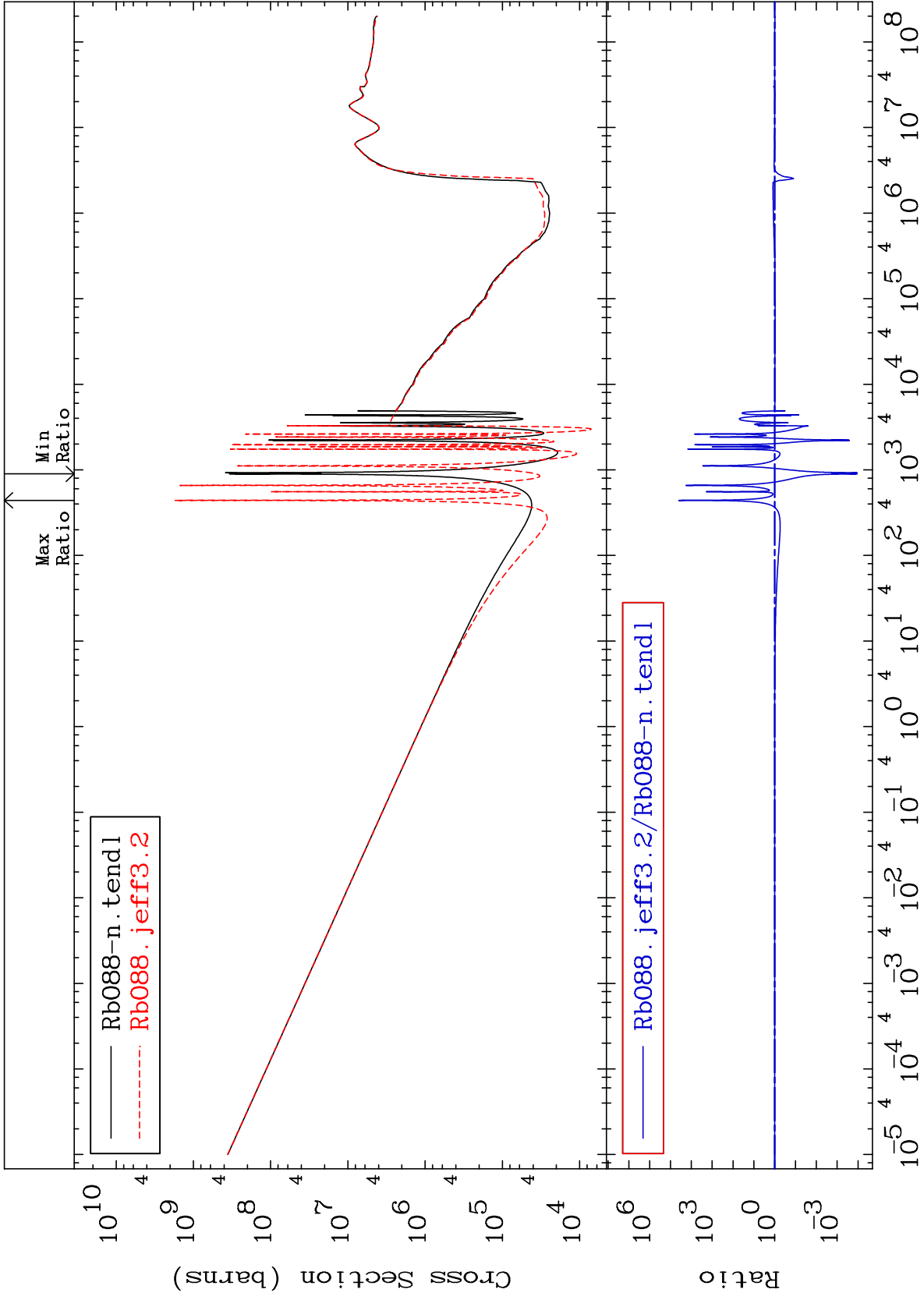
Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

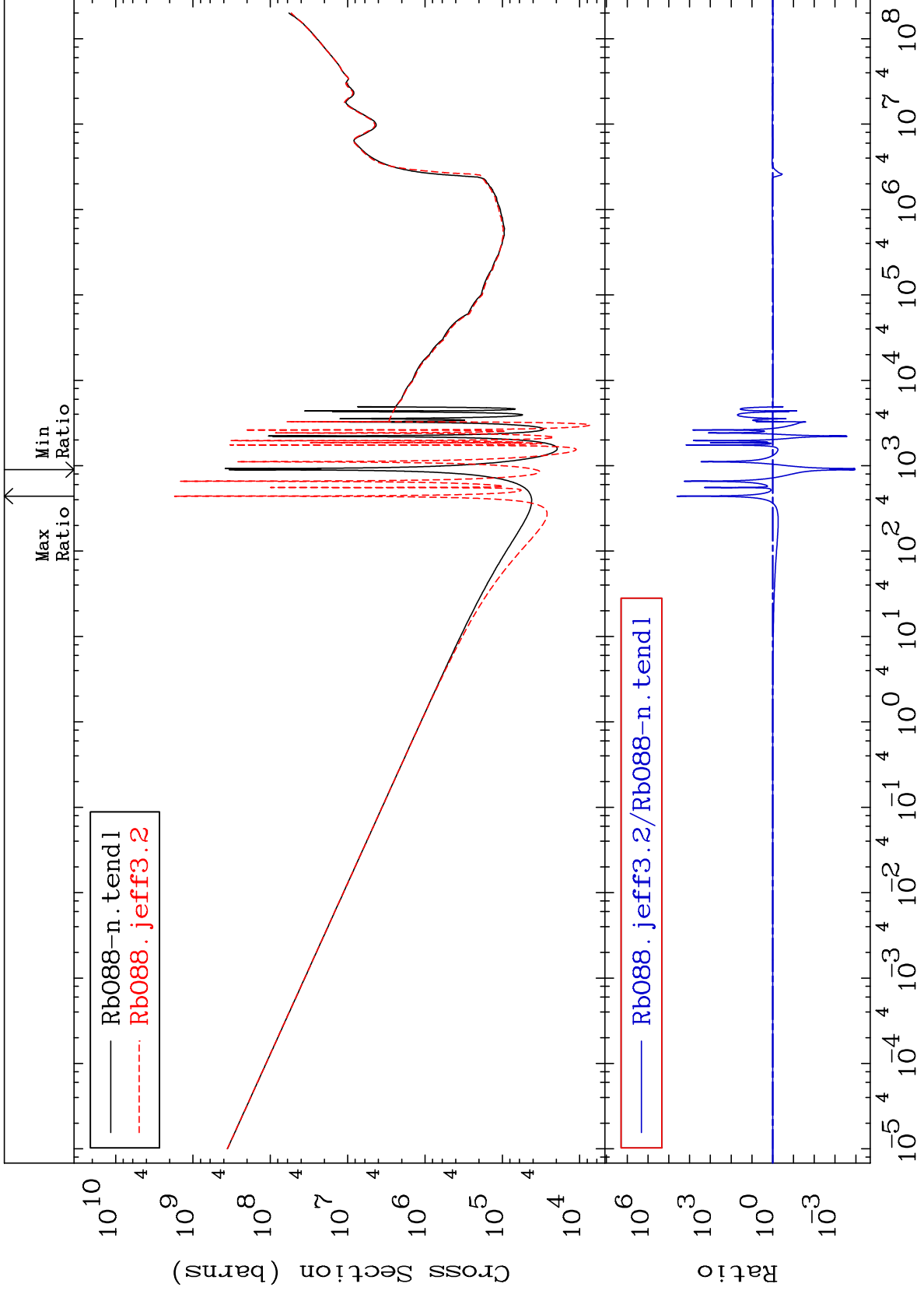
37-Rb-88  
-14.31 To 5.864 %

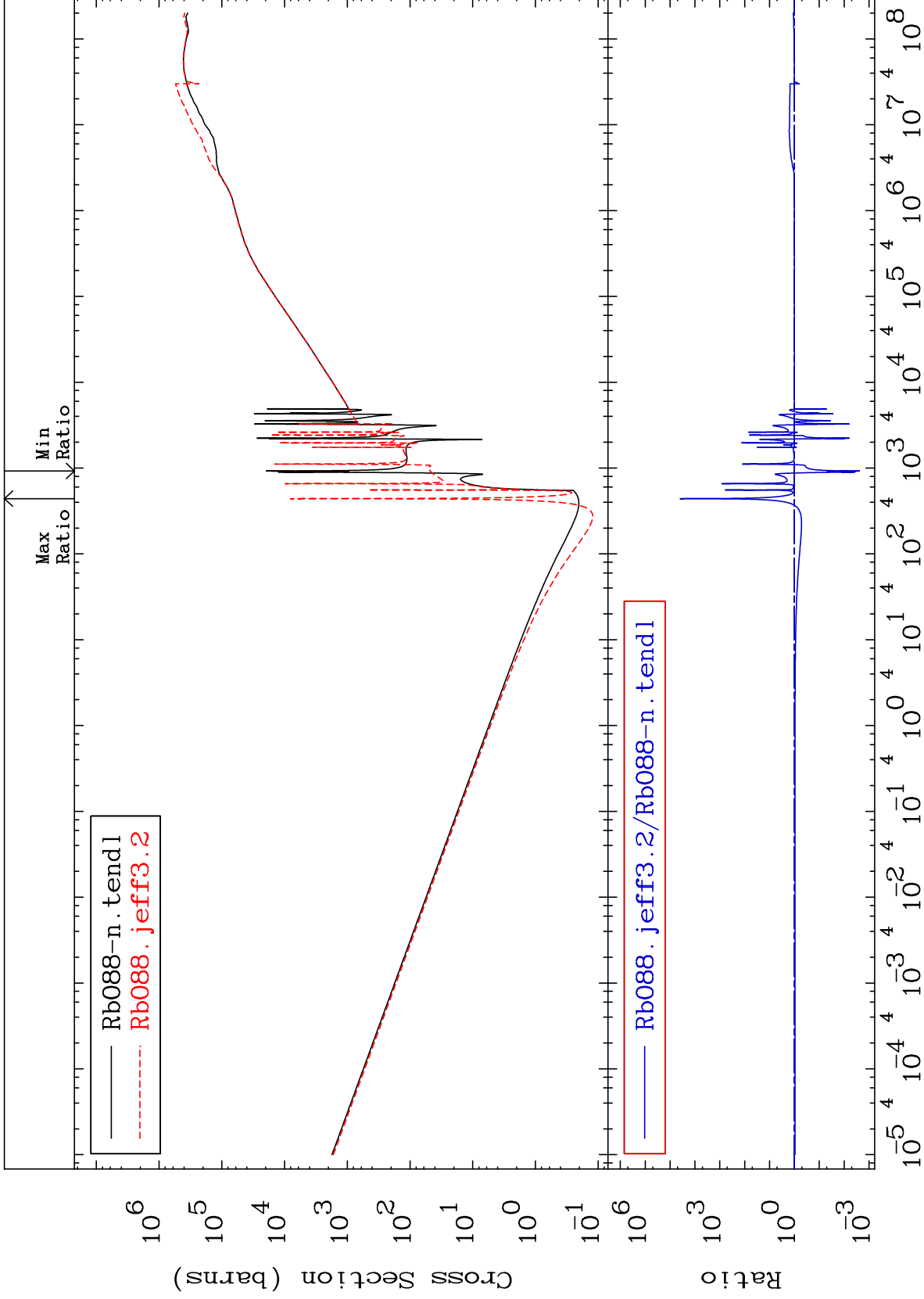


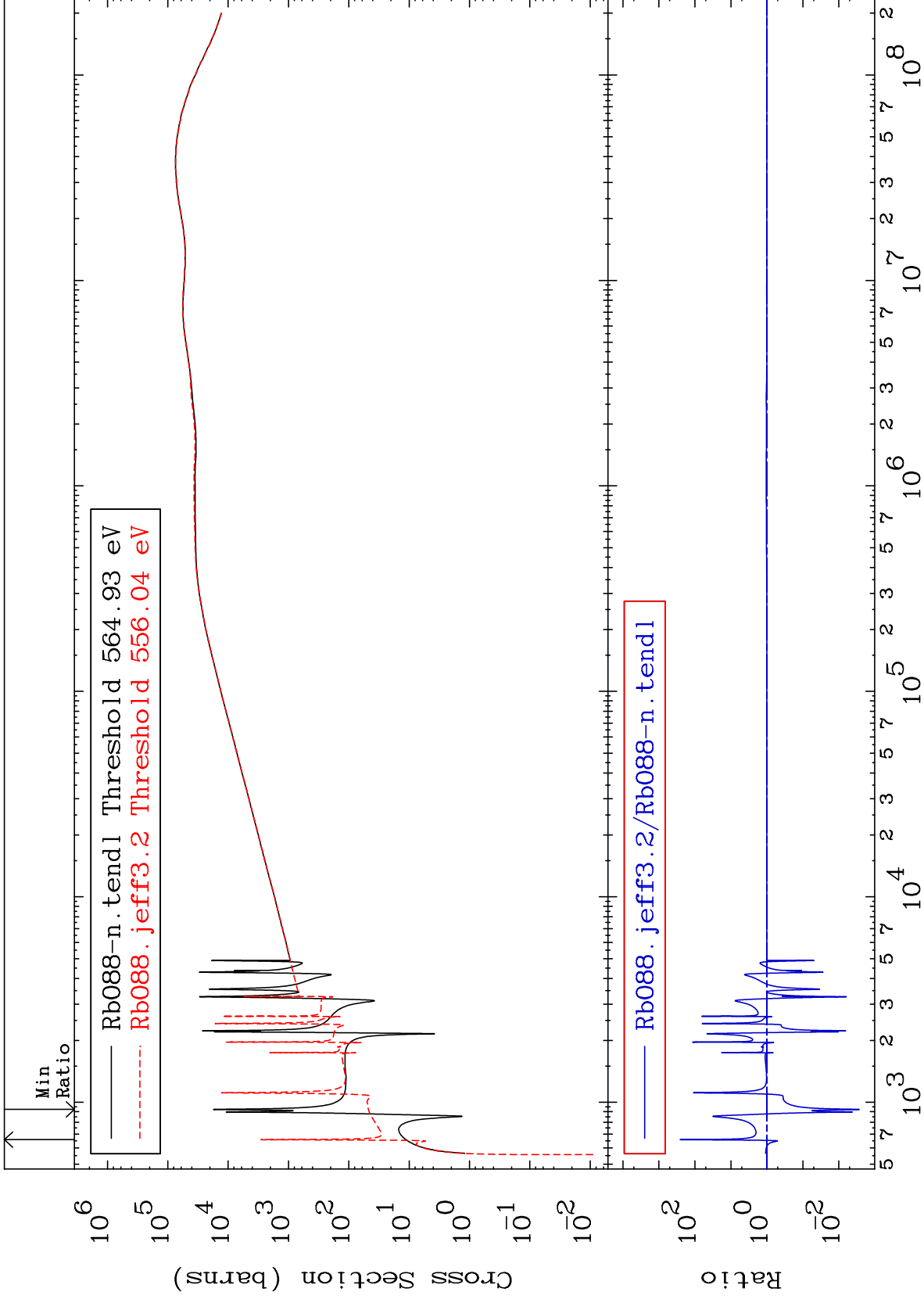


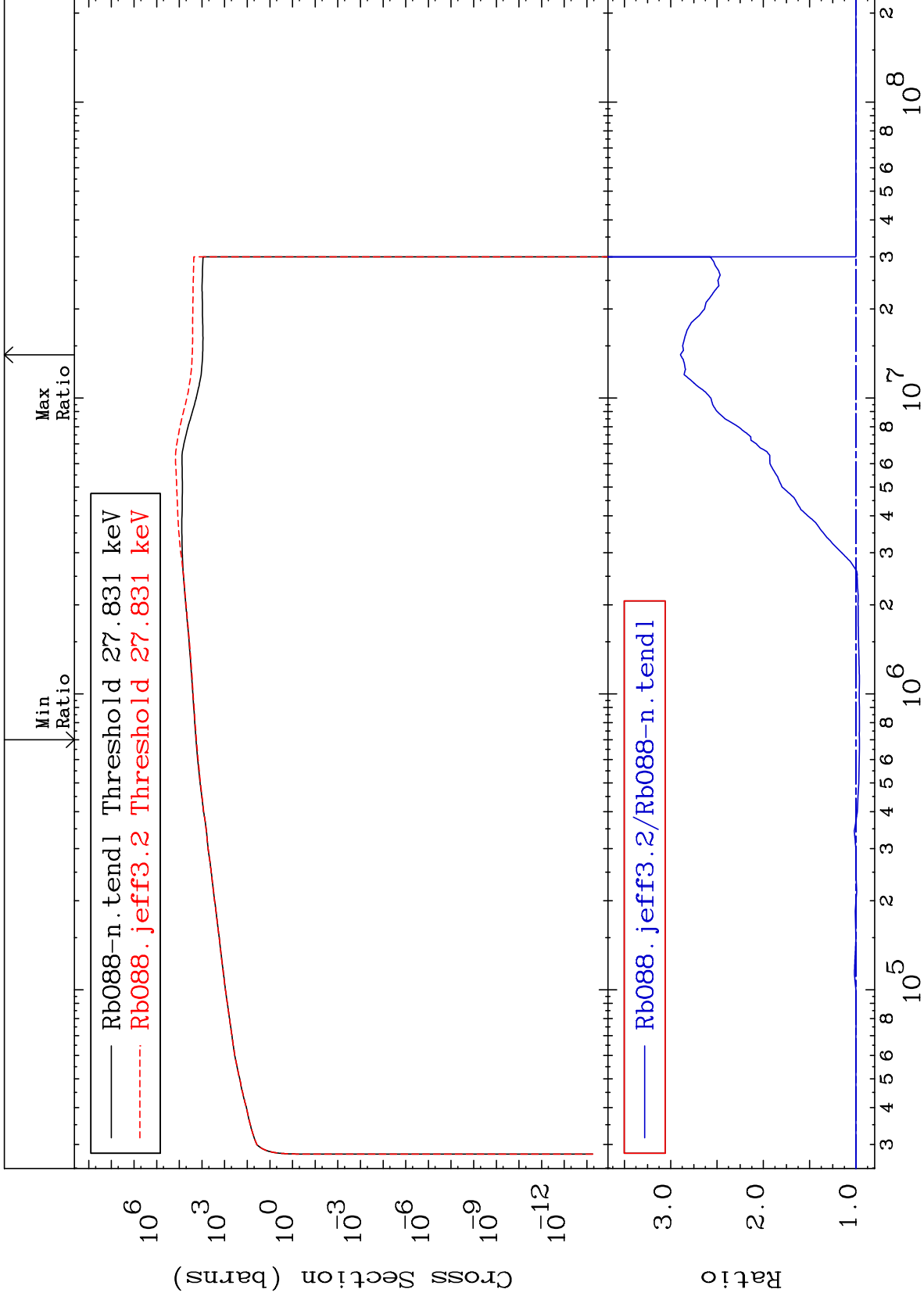


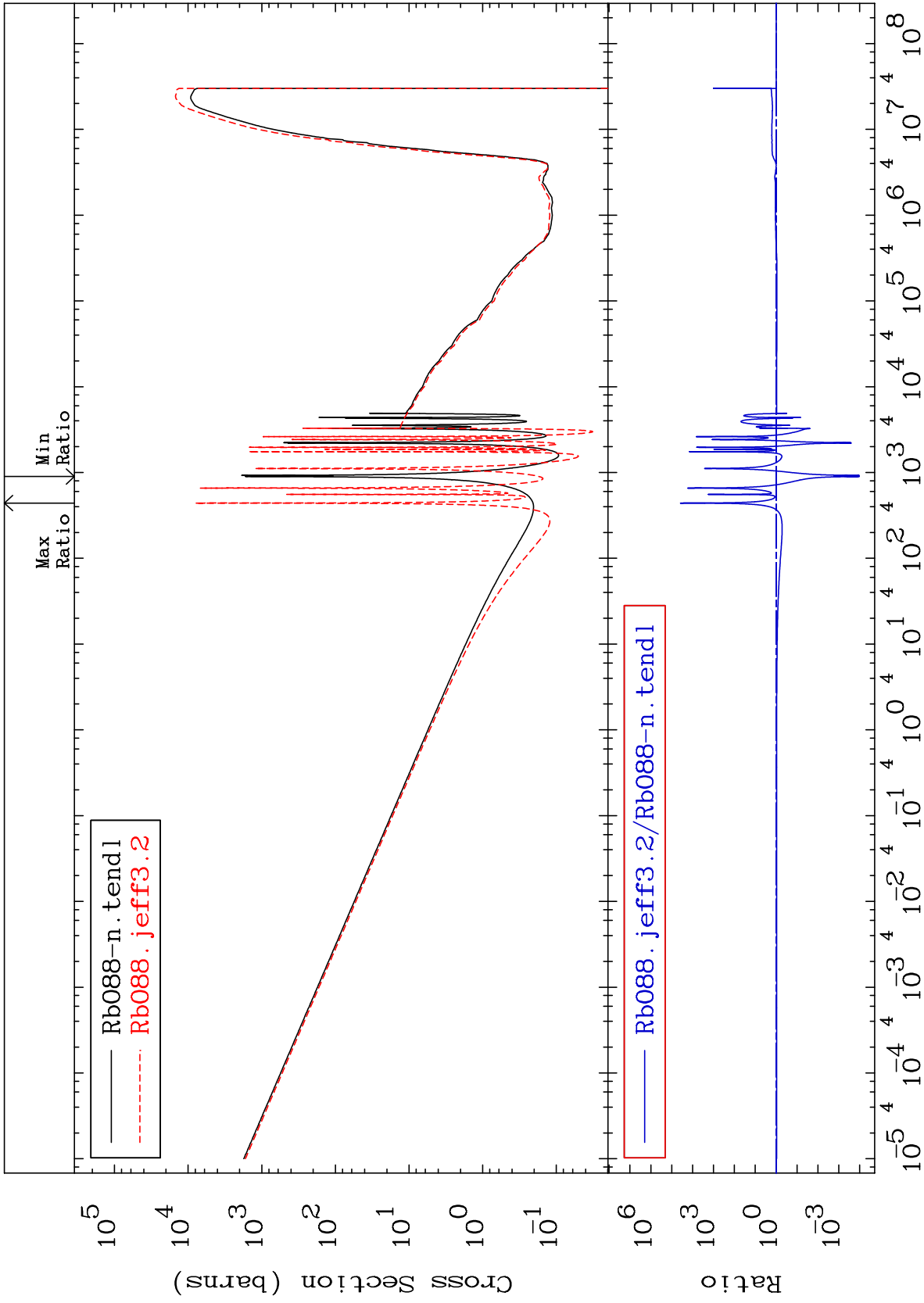












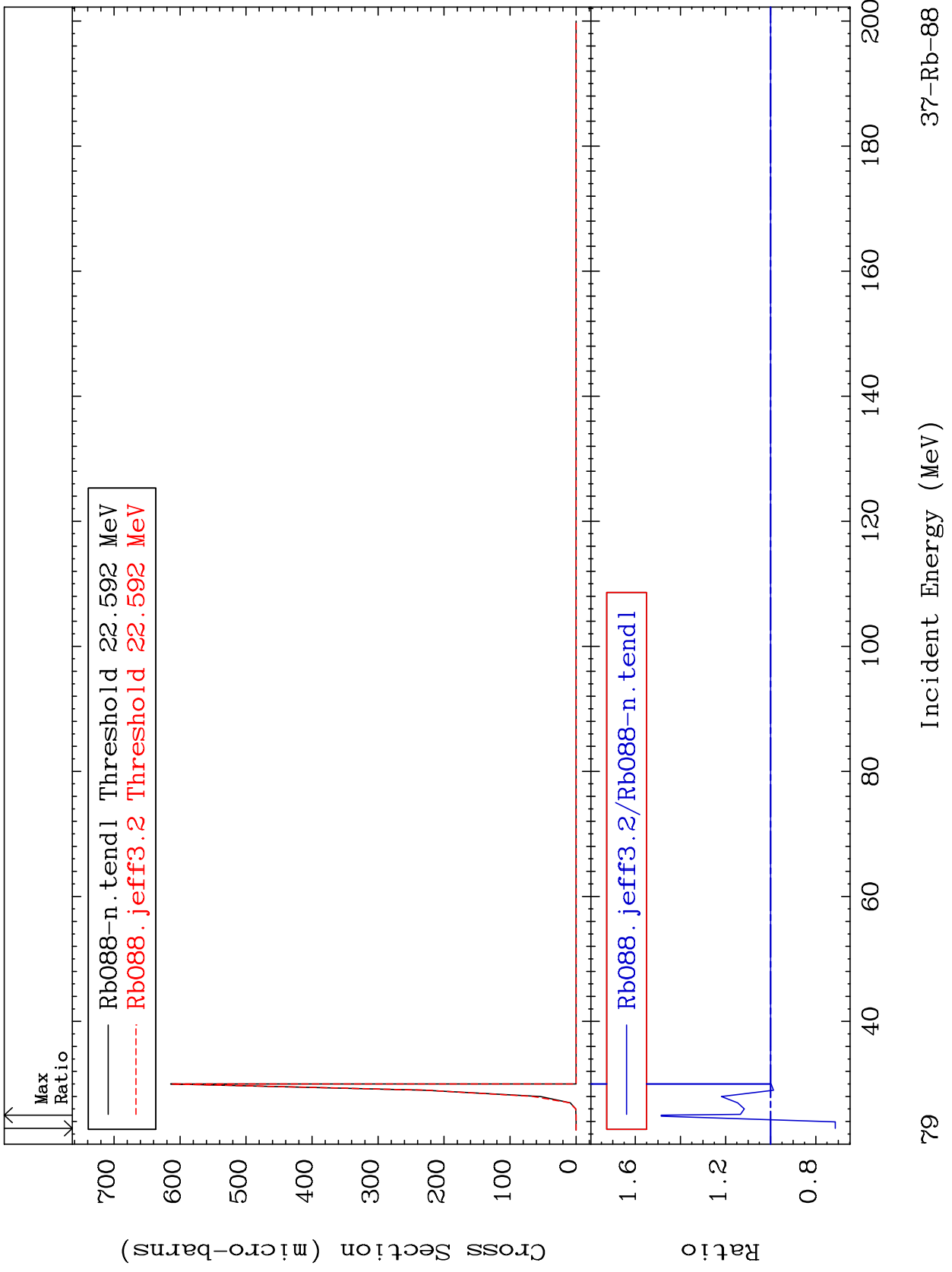
MAT 3734

(n,2n) d:36-Kr-85g

37-Rb-88

Radionuclide Production Cross Section

-28.65 To 48.51 %

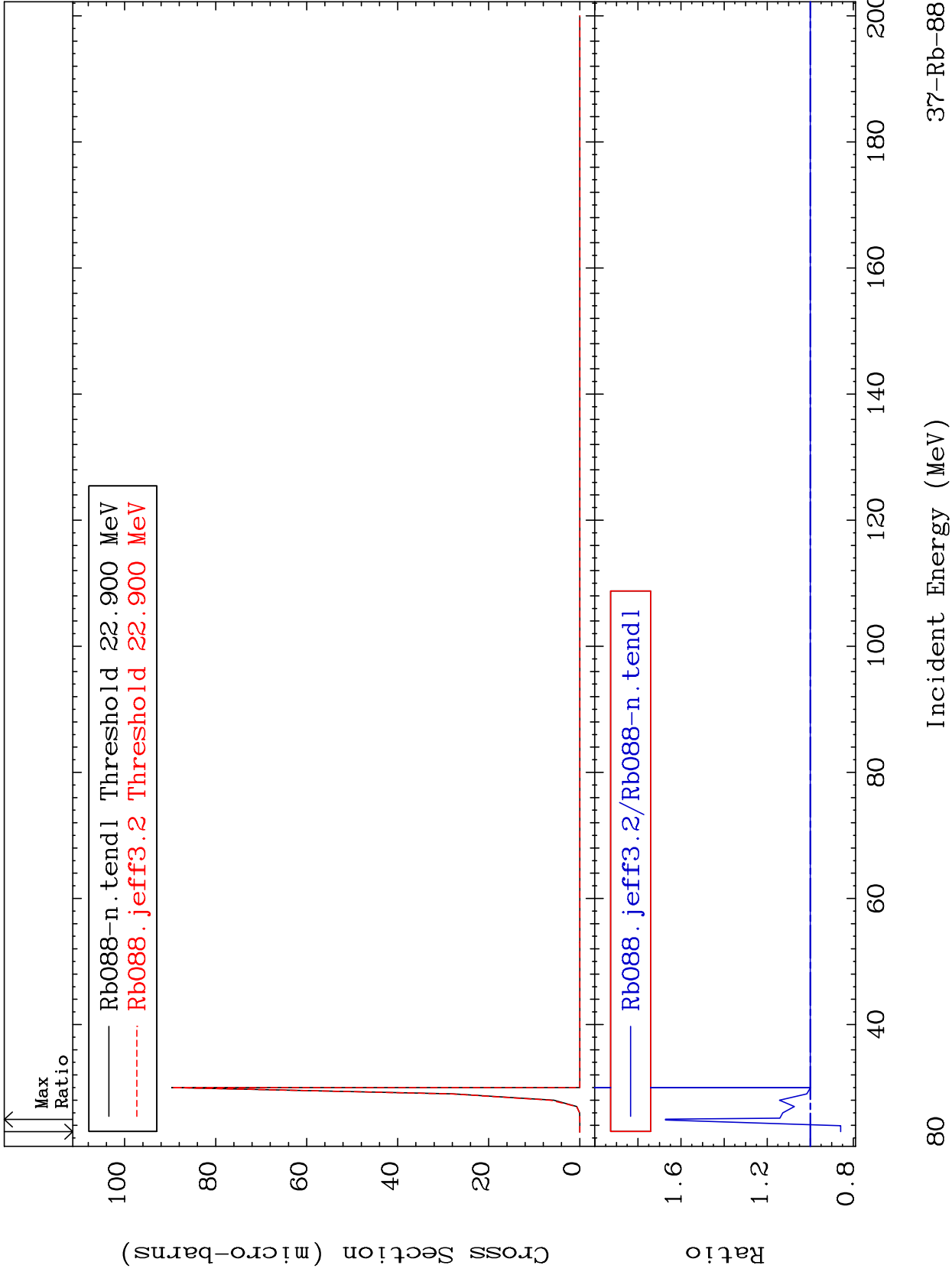


MAT 3734

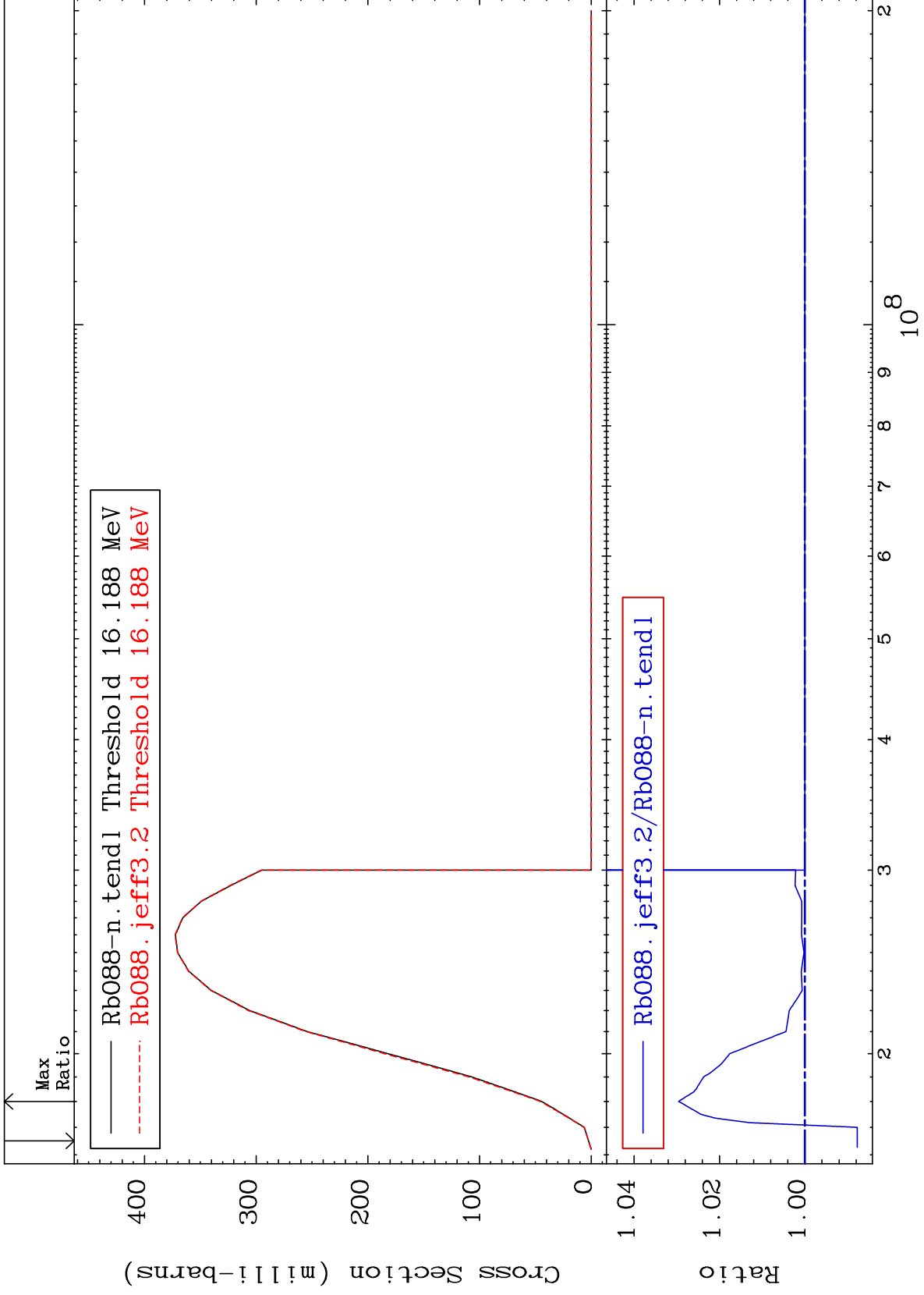
(n,2n) d:36-Kr-85m1

37-Rb-88

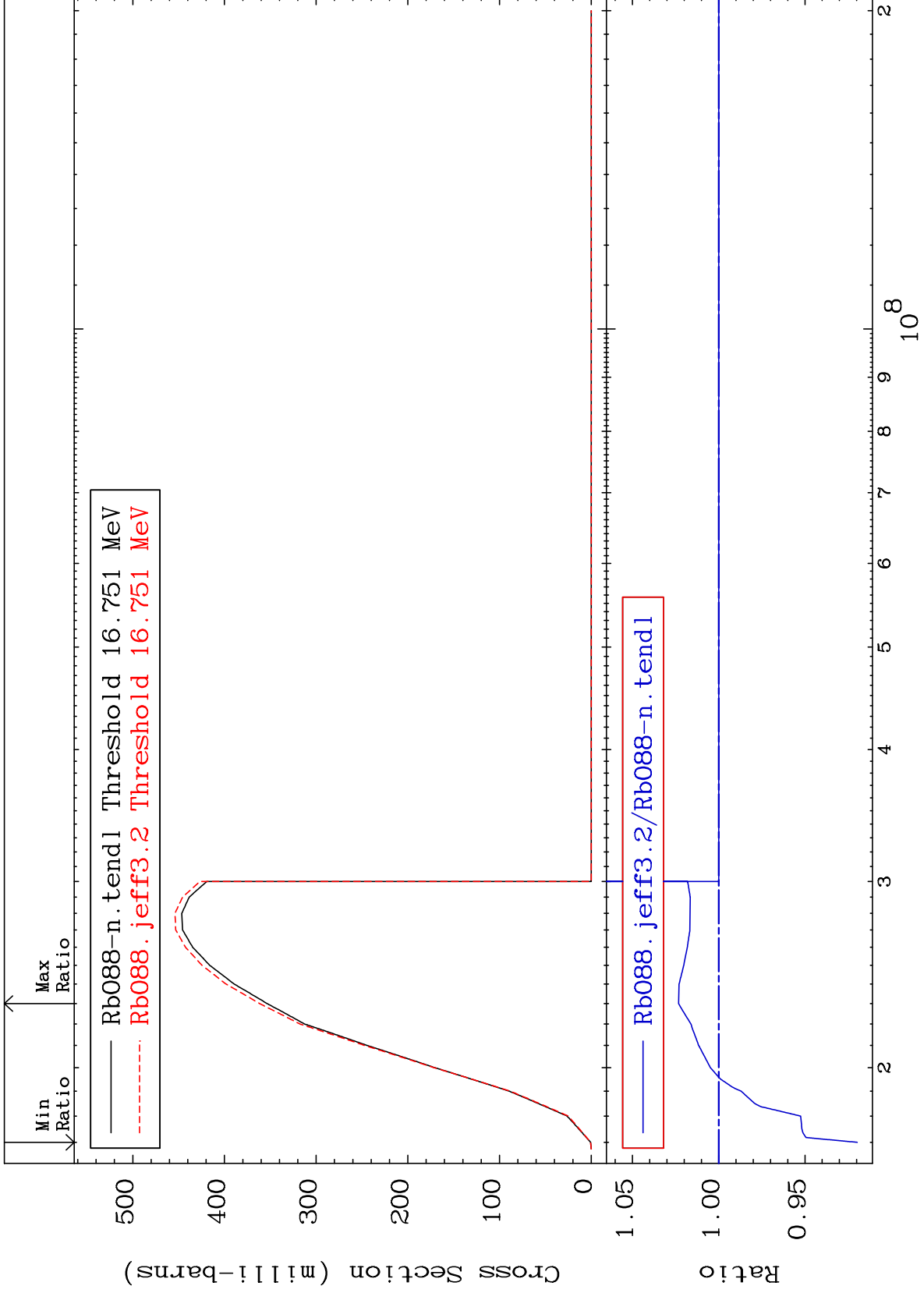
Radionuclide Production Cross Section -14.12 To 67.21 %







Radionuclide Production Cross Section -8.033 To 2.323 %

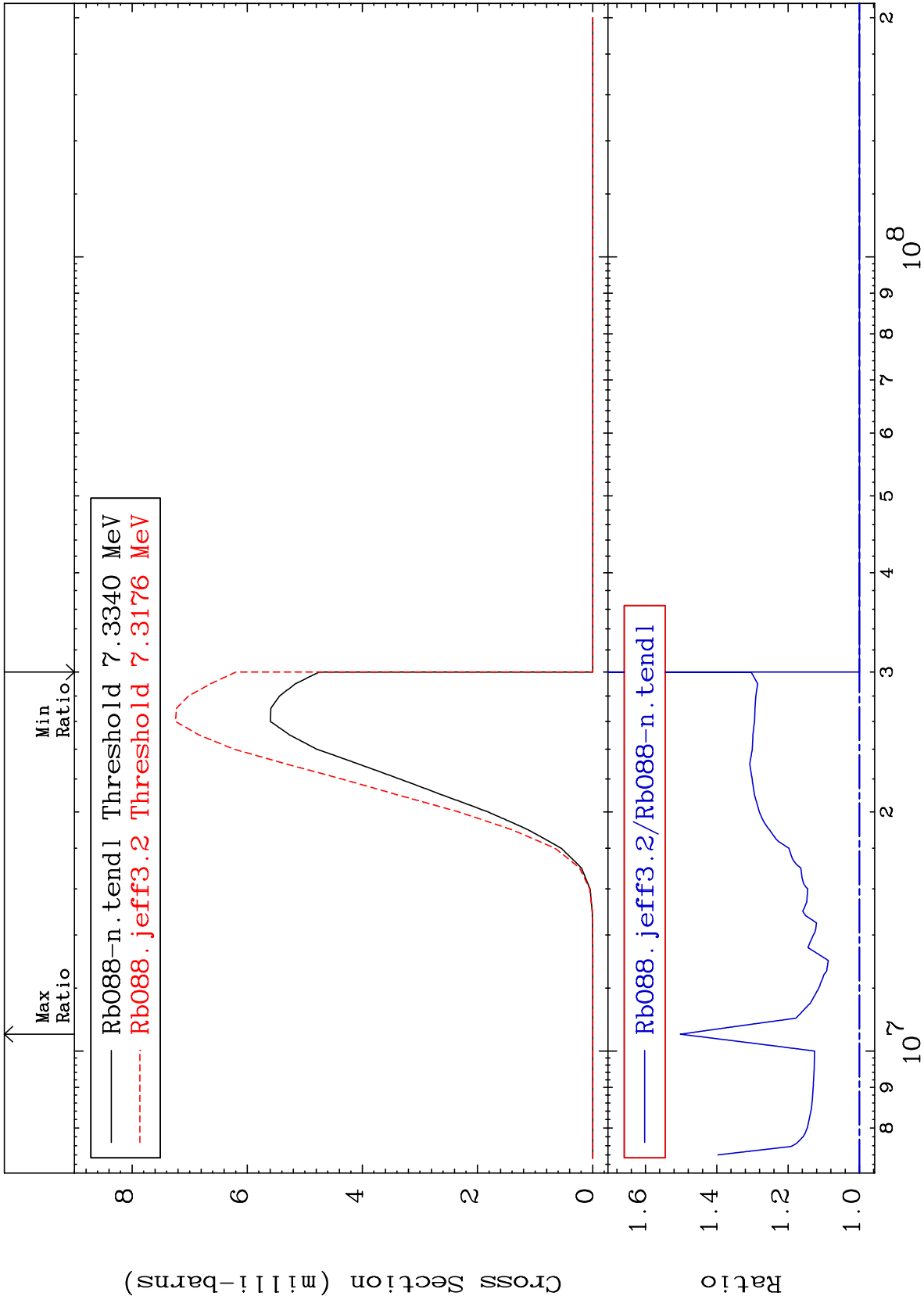


MAT 3734

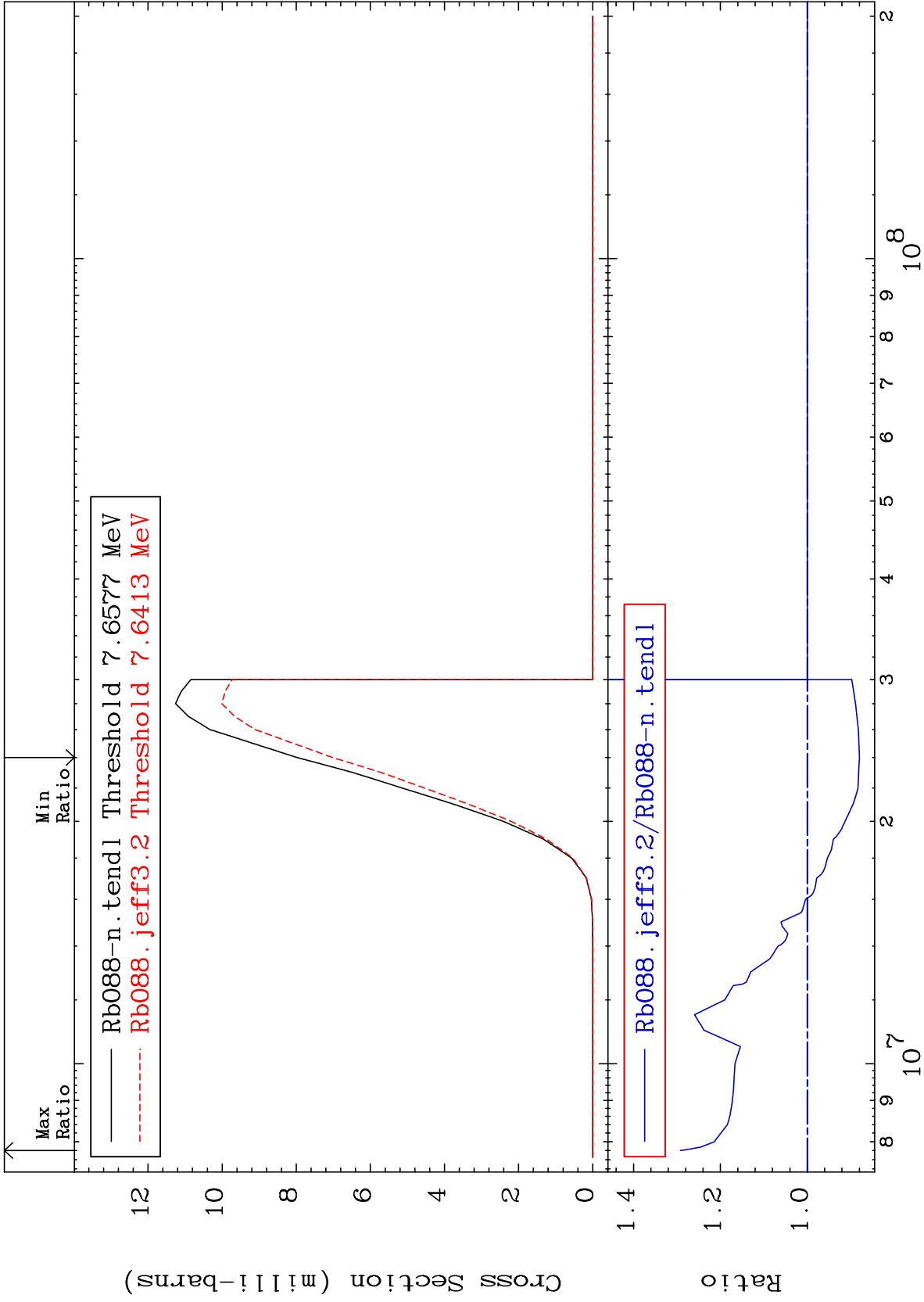
(n, n')  $\alpha$ :35-Br-84g

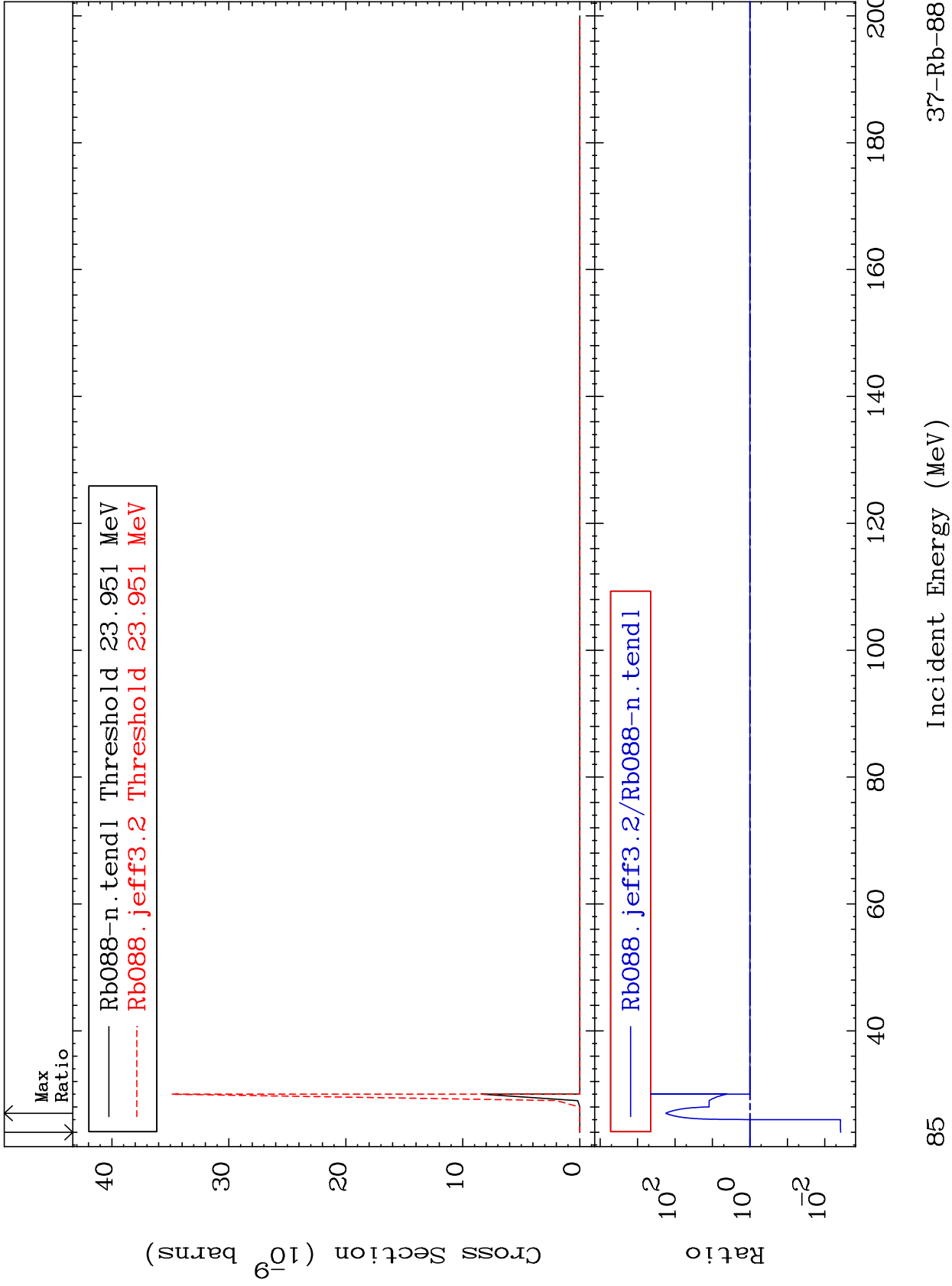
37-Rb-88

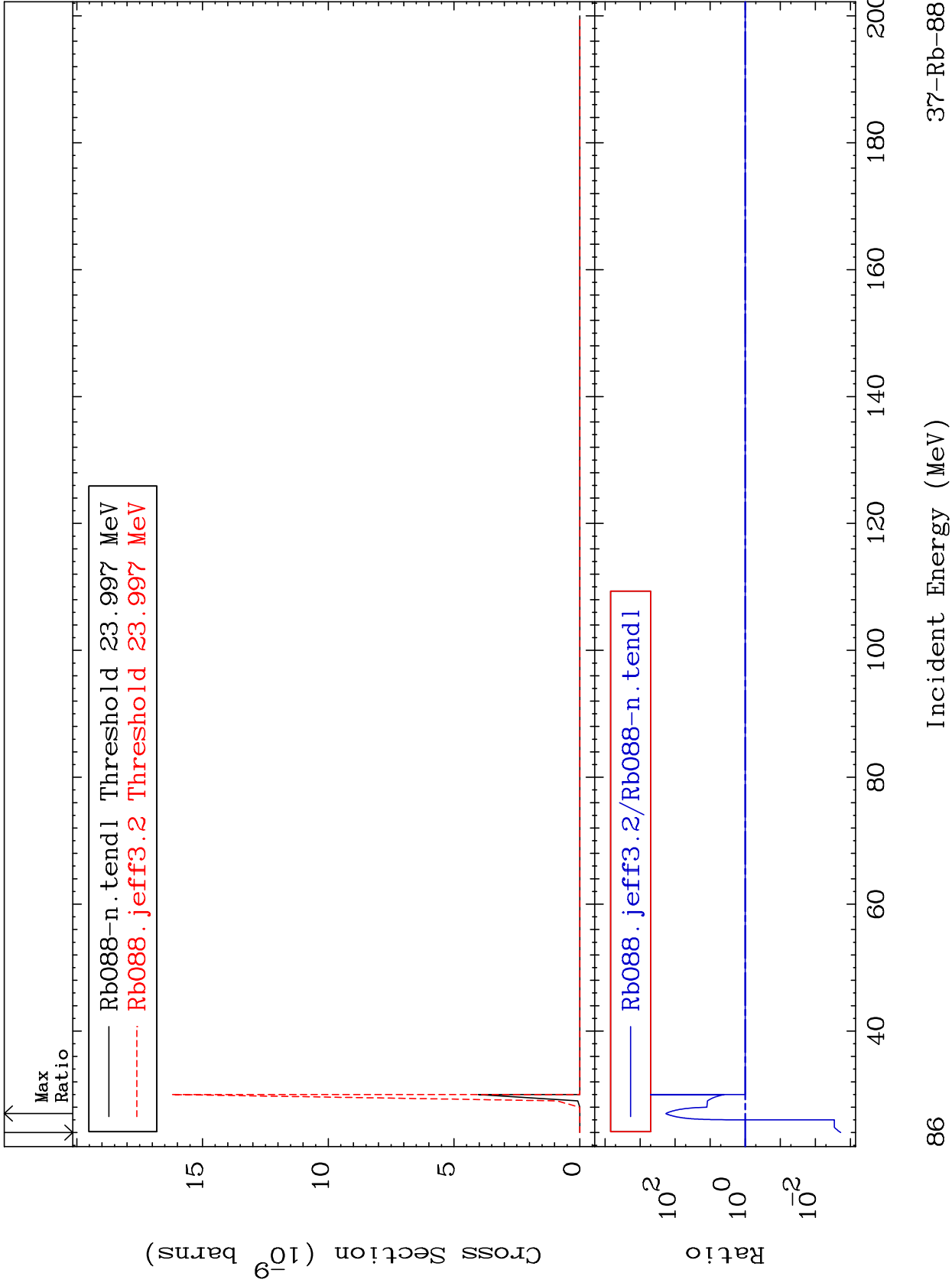
Radionuclide Production Cross Section 0.000 To 50.22 %



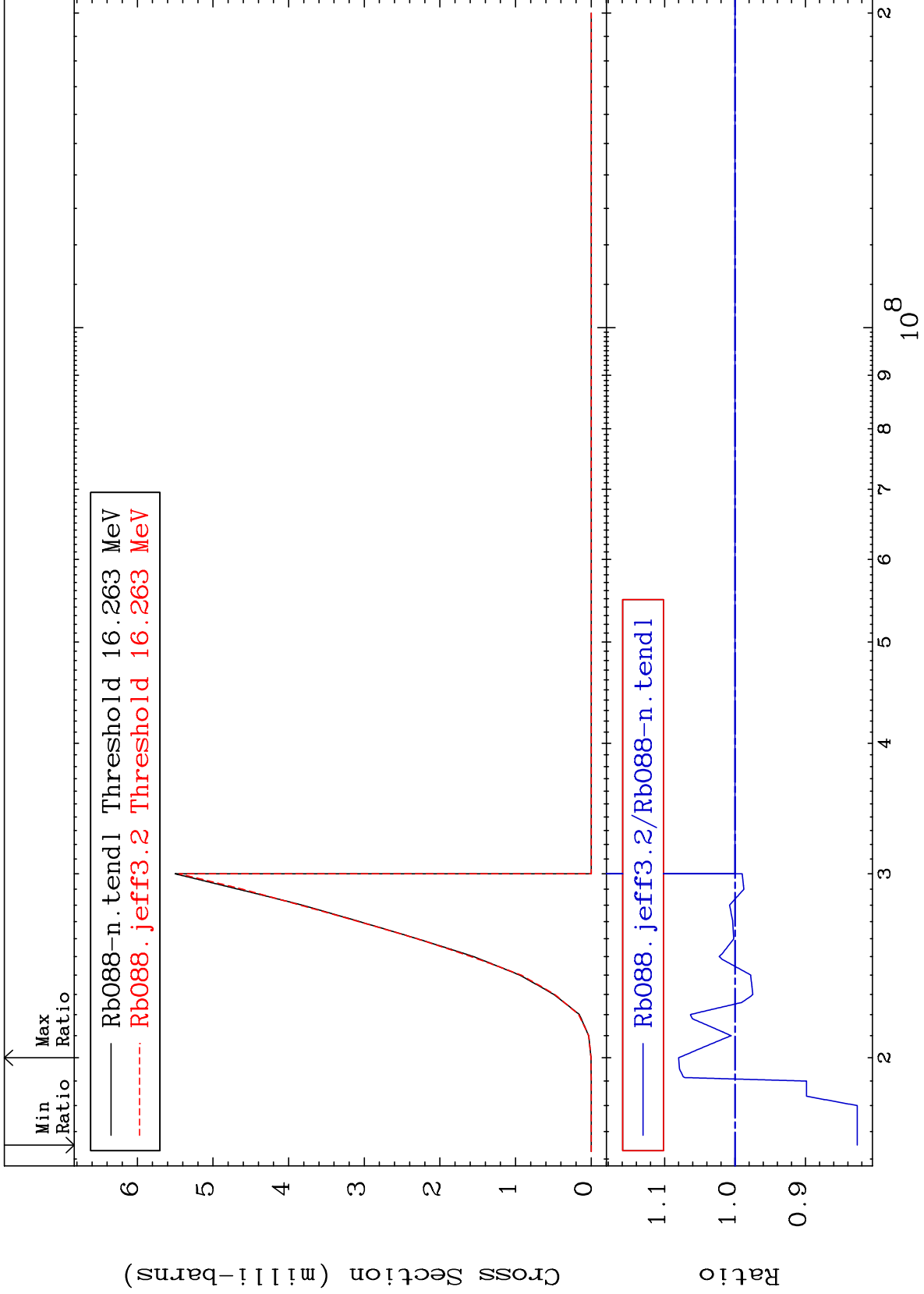
Radionuclide Production Cross Section -12.01 To 29.22 %



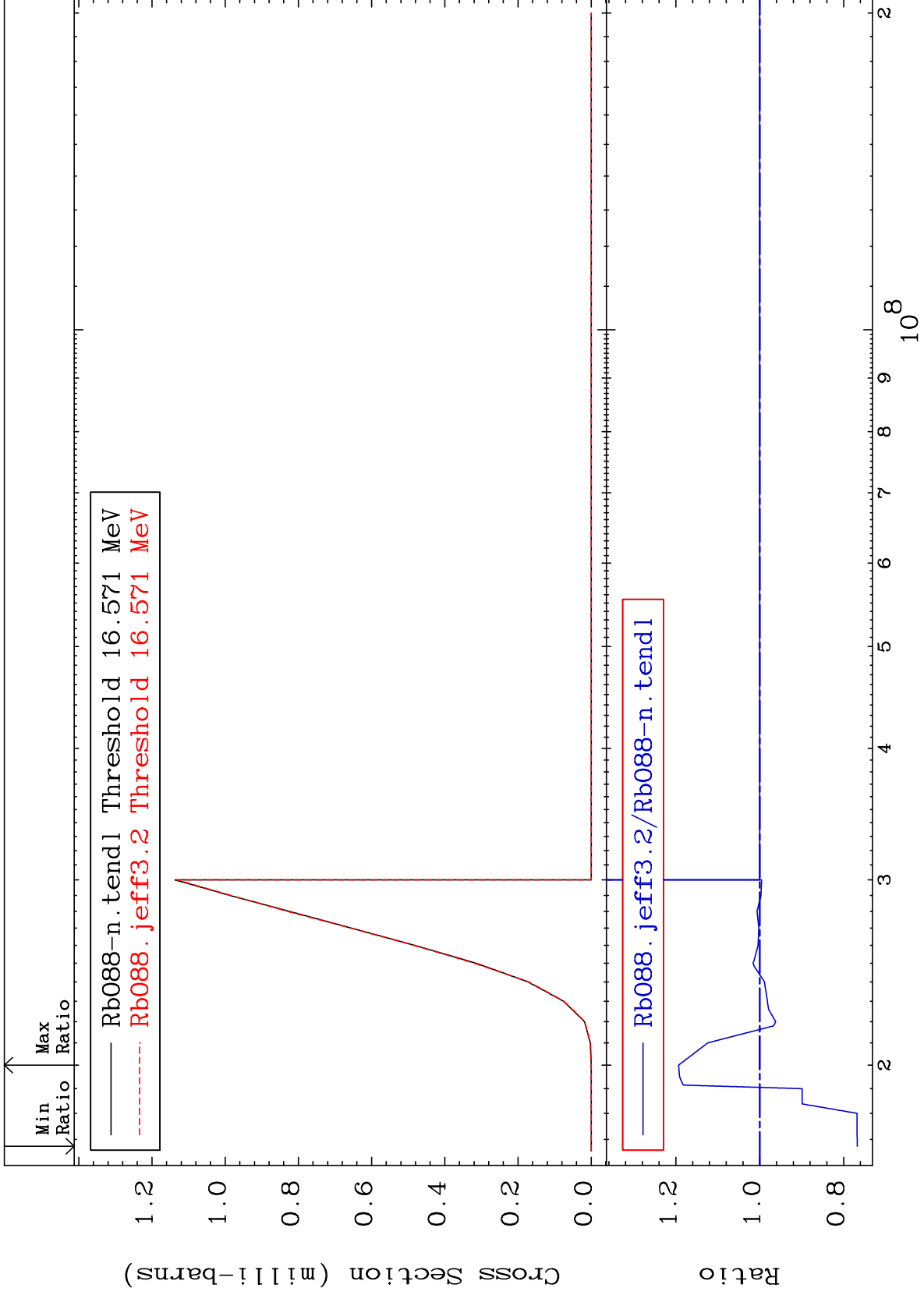




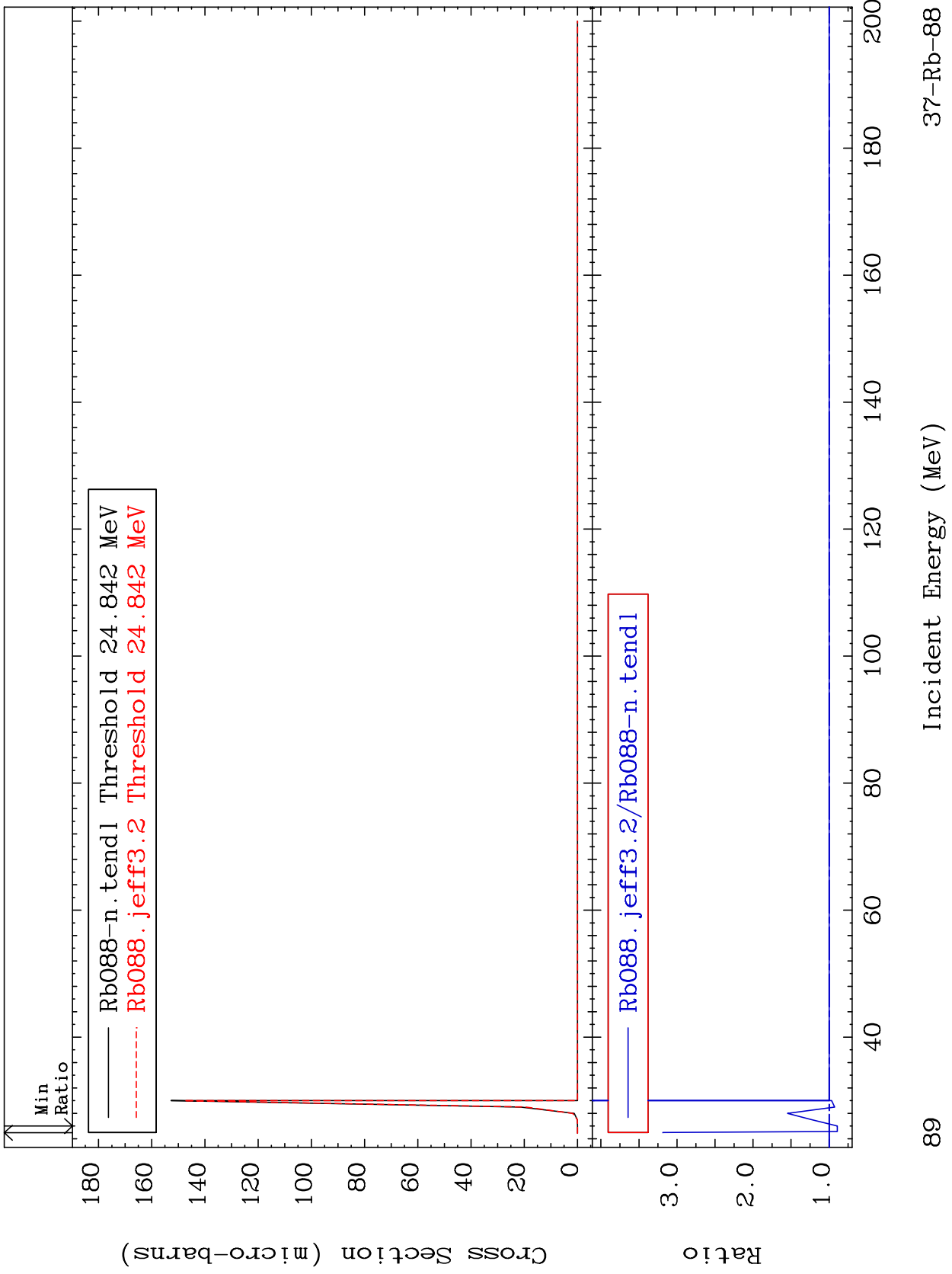
Radionuclide Production Cross Section -17.34 To 8.005 %



Radionuclide Production Cross Section -23.25 To 19.35 %

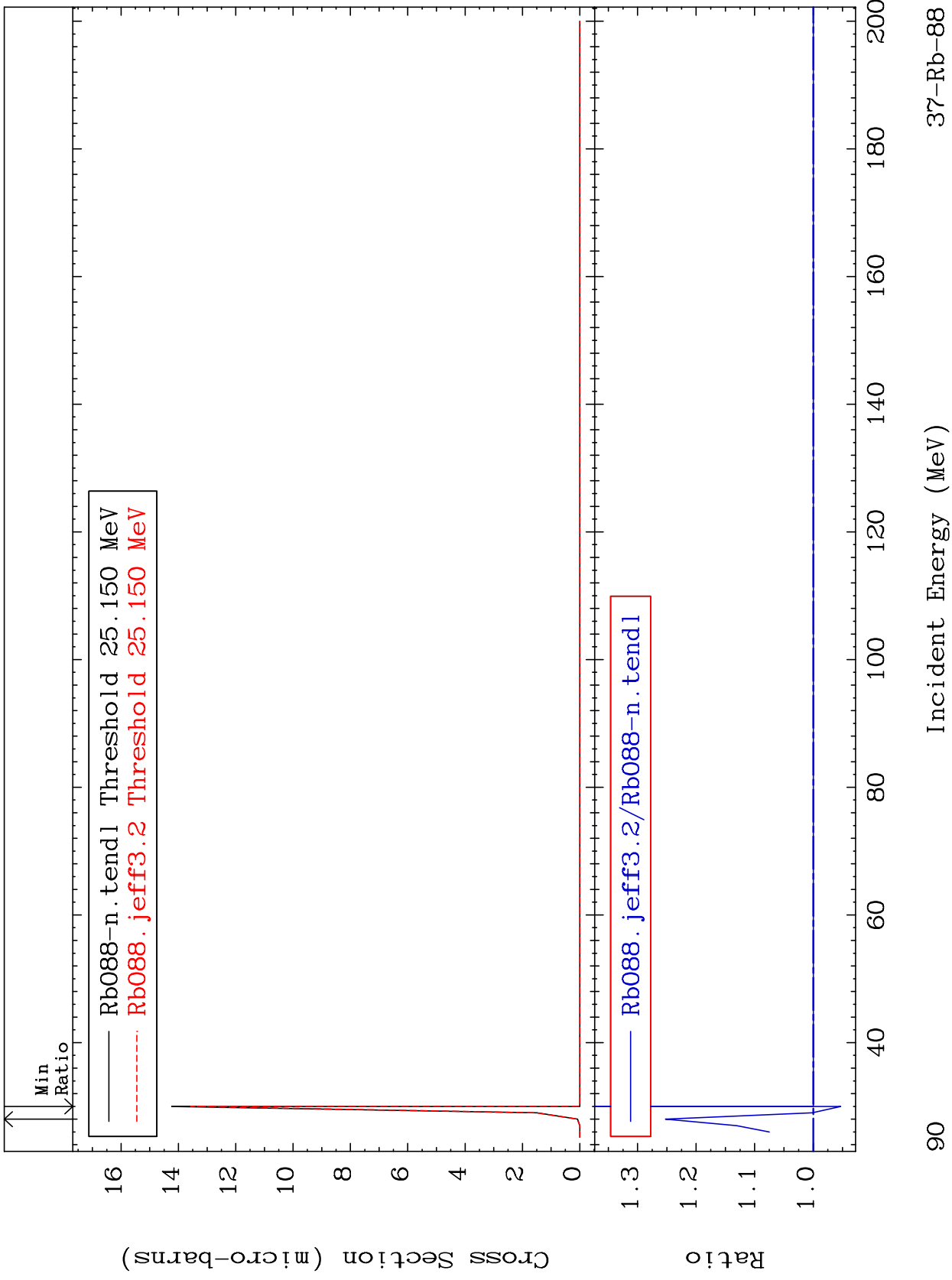


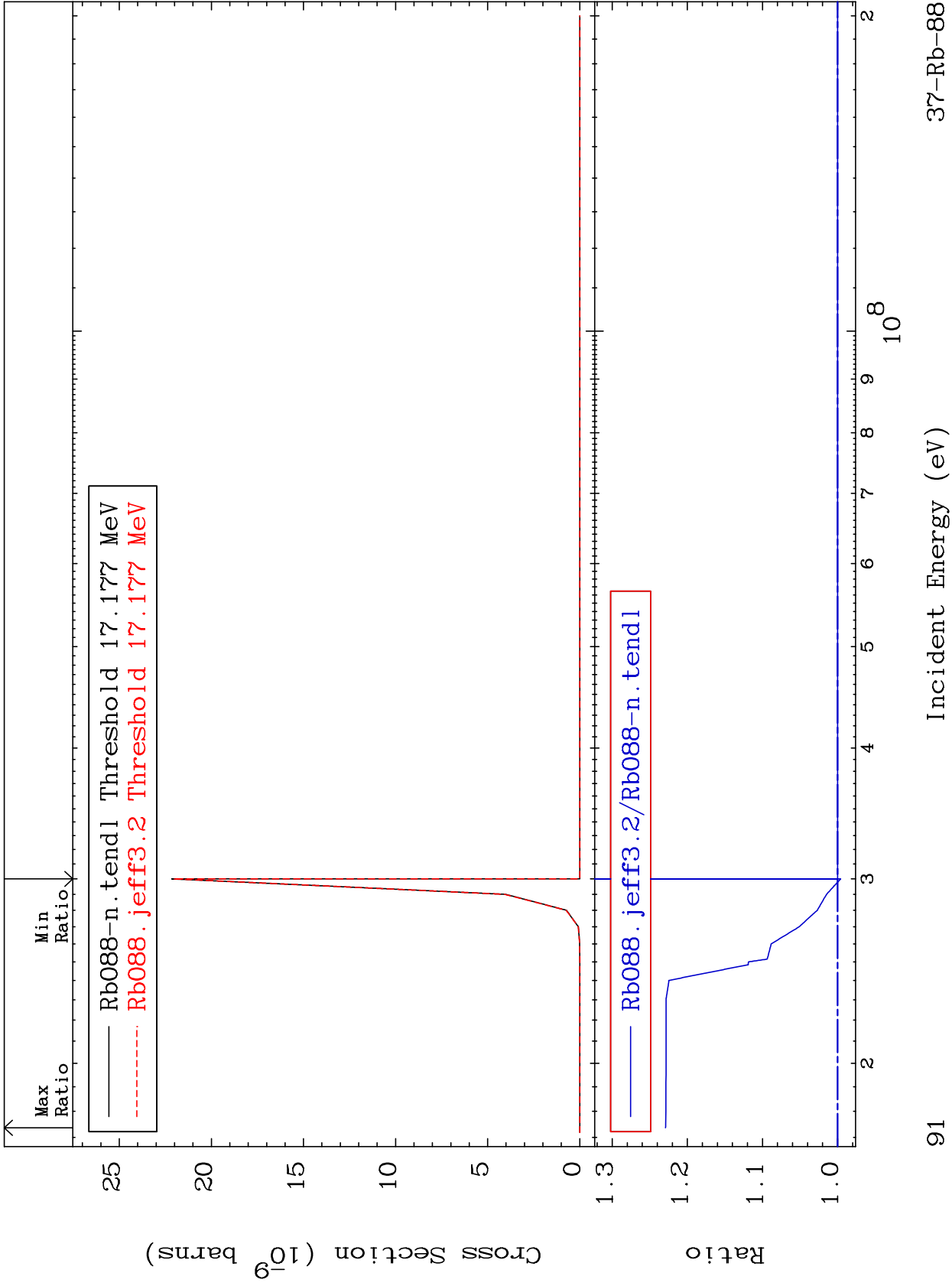




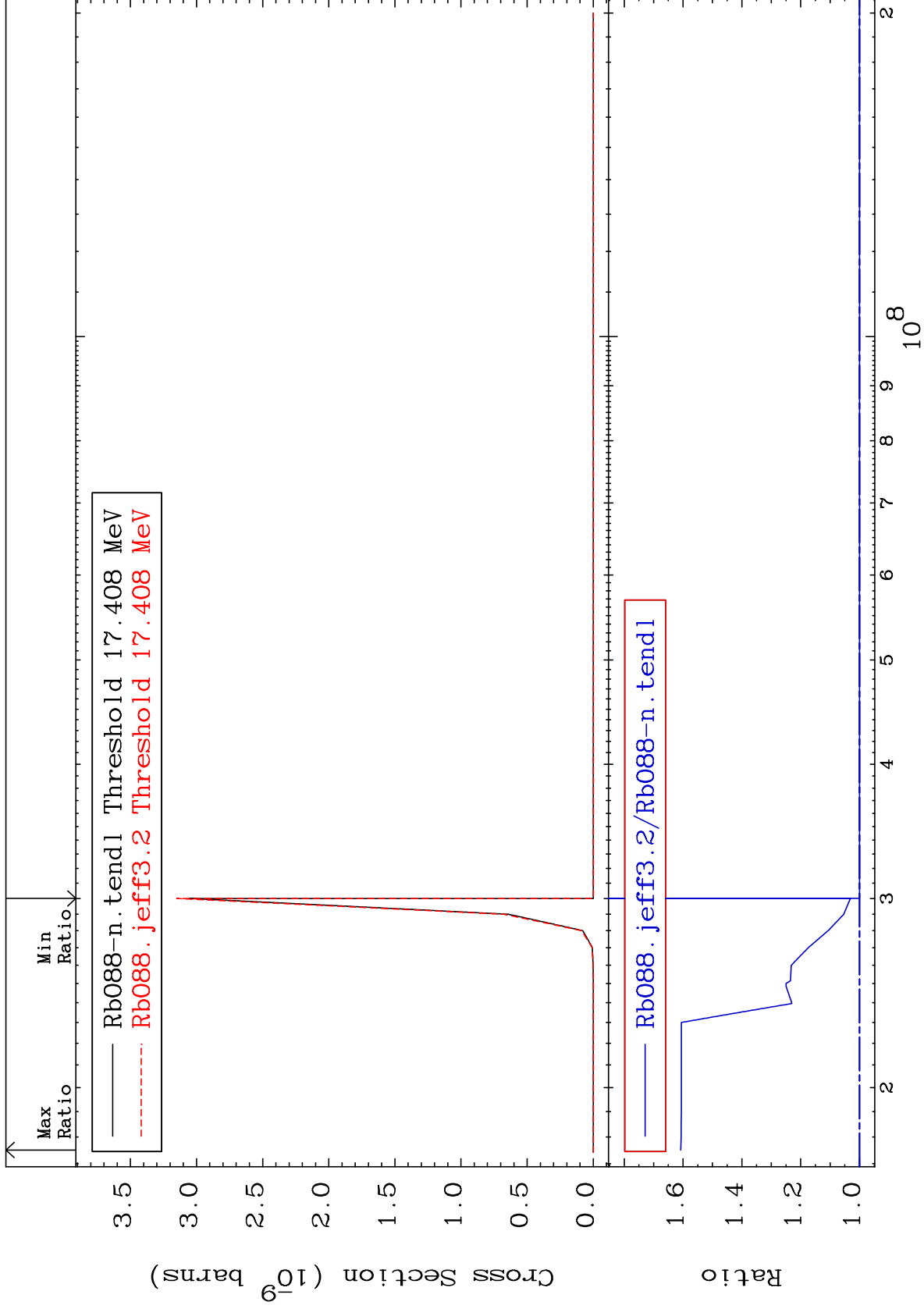
Radionuclide Production Cross Section

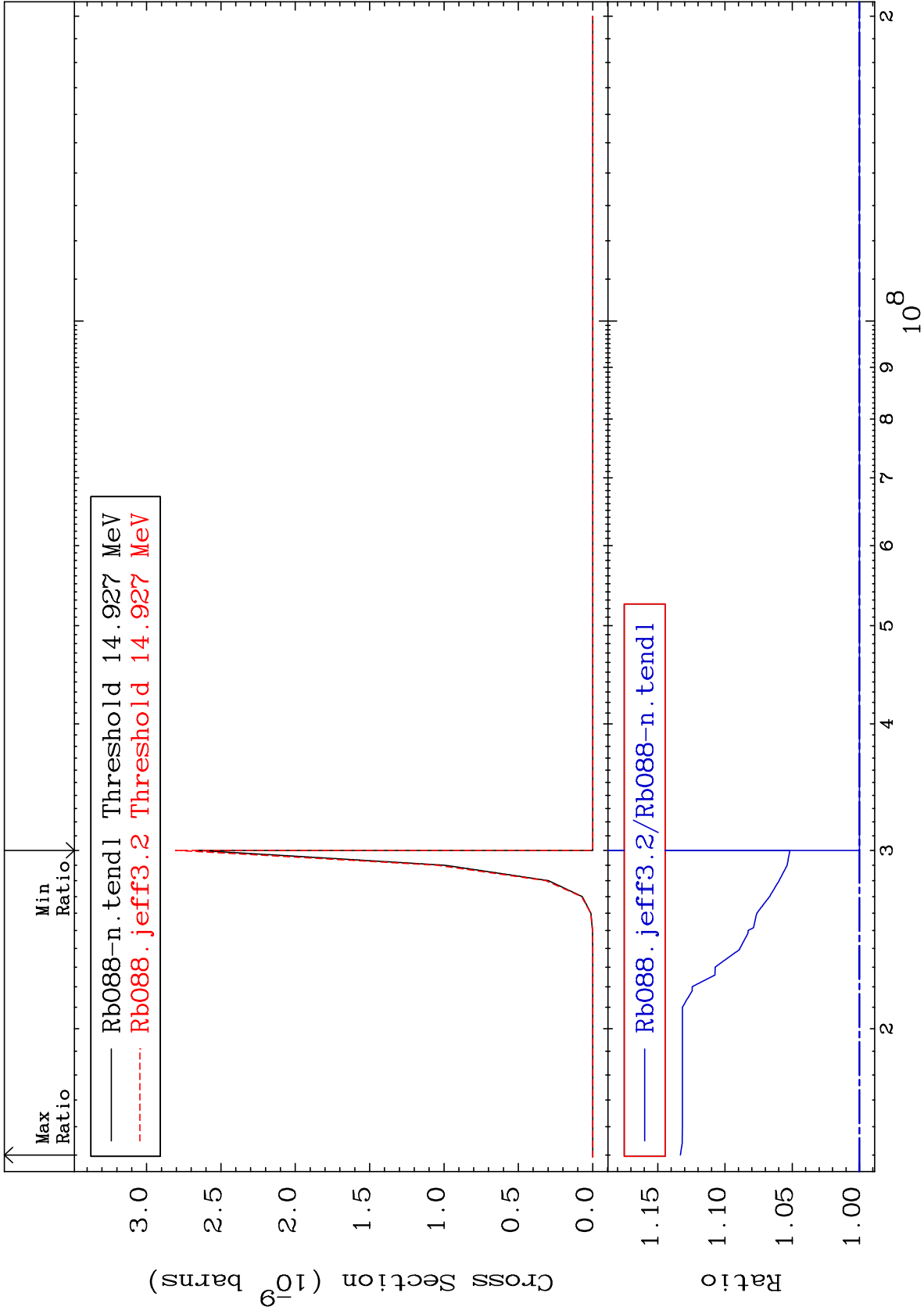
-4.683 To 25.23 %





Radionuclide Production Cross Section 0.000 To 60.77 %



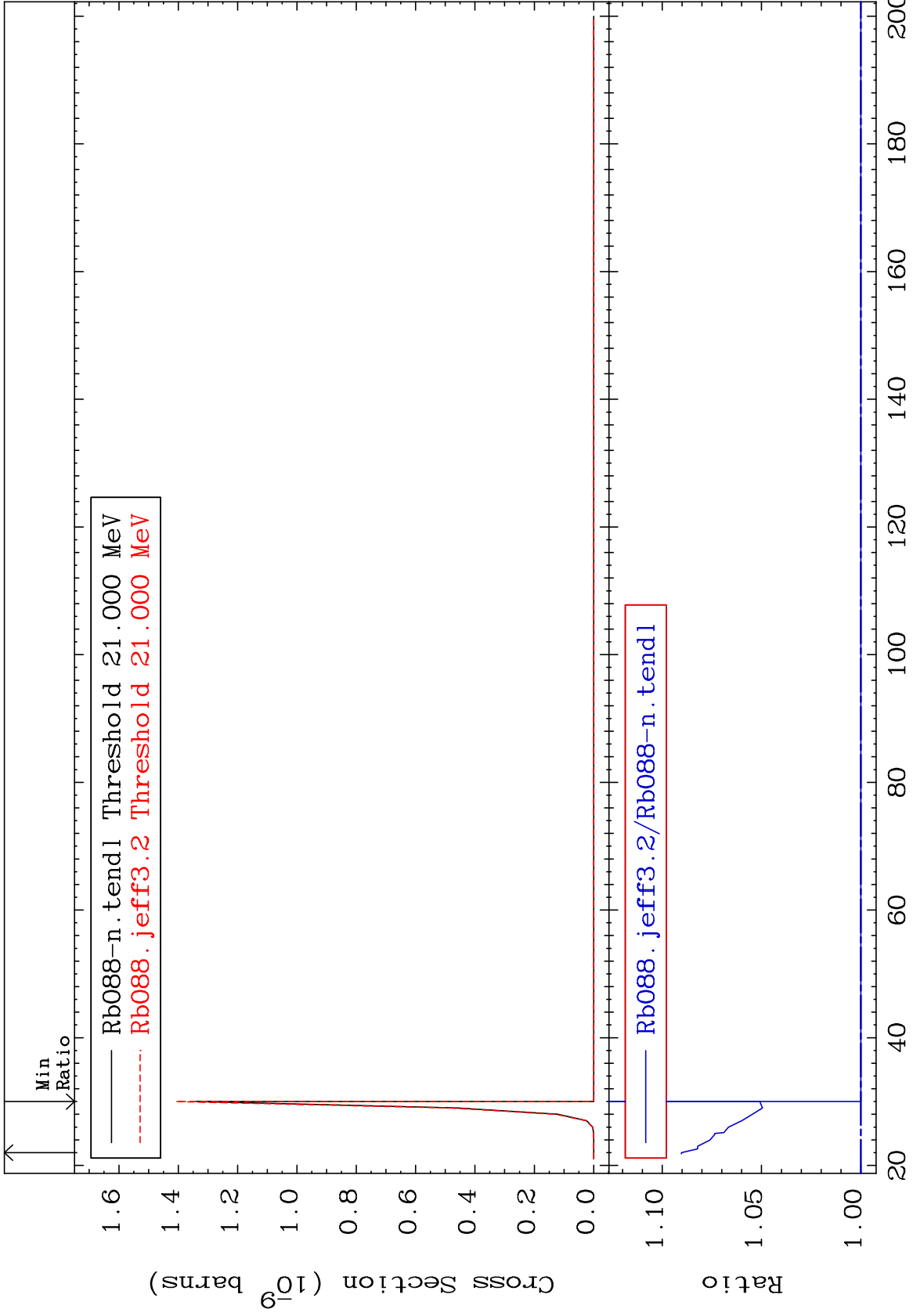


MAT 3734

(n, d)  $\alpha$ :34-Se-83m1

37-Rb-88

Radionuclide Production Cross Section 0.000 To 9.030 %



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Incident Energy (MeV)

37-Rb-88