

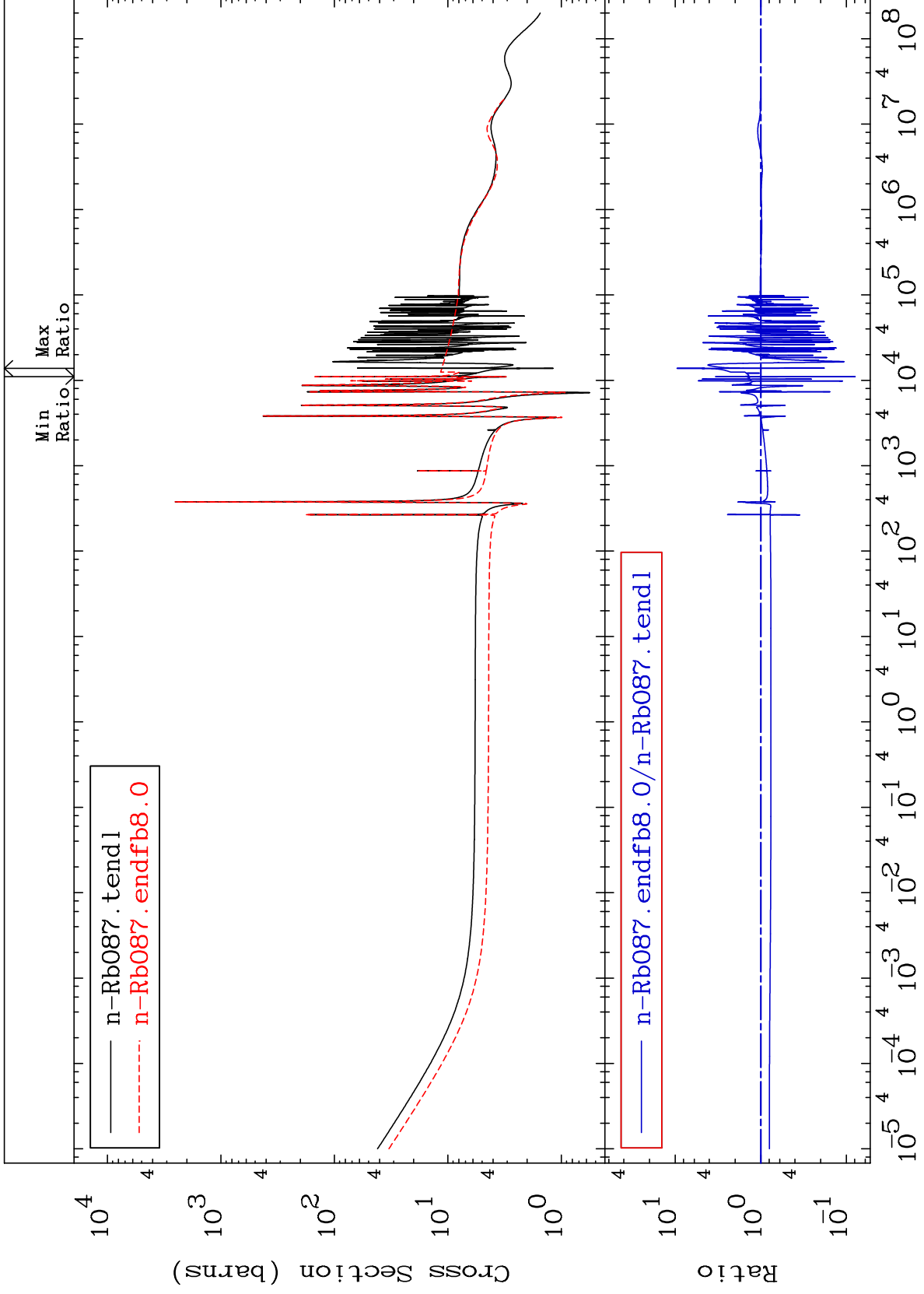
MAT 3731

Total

Cross Section

<sup>37</sup>Rb-87

-92.10 To 857.5 %



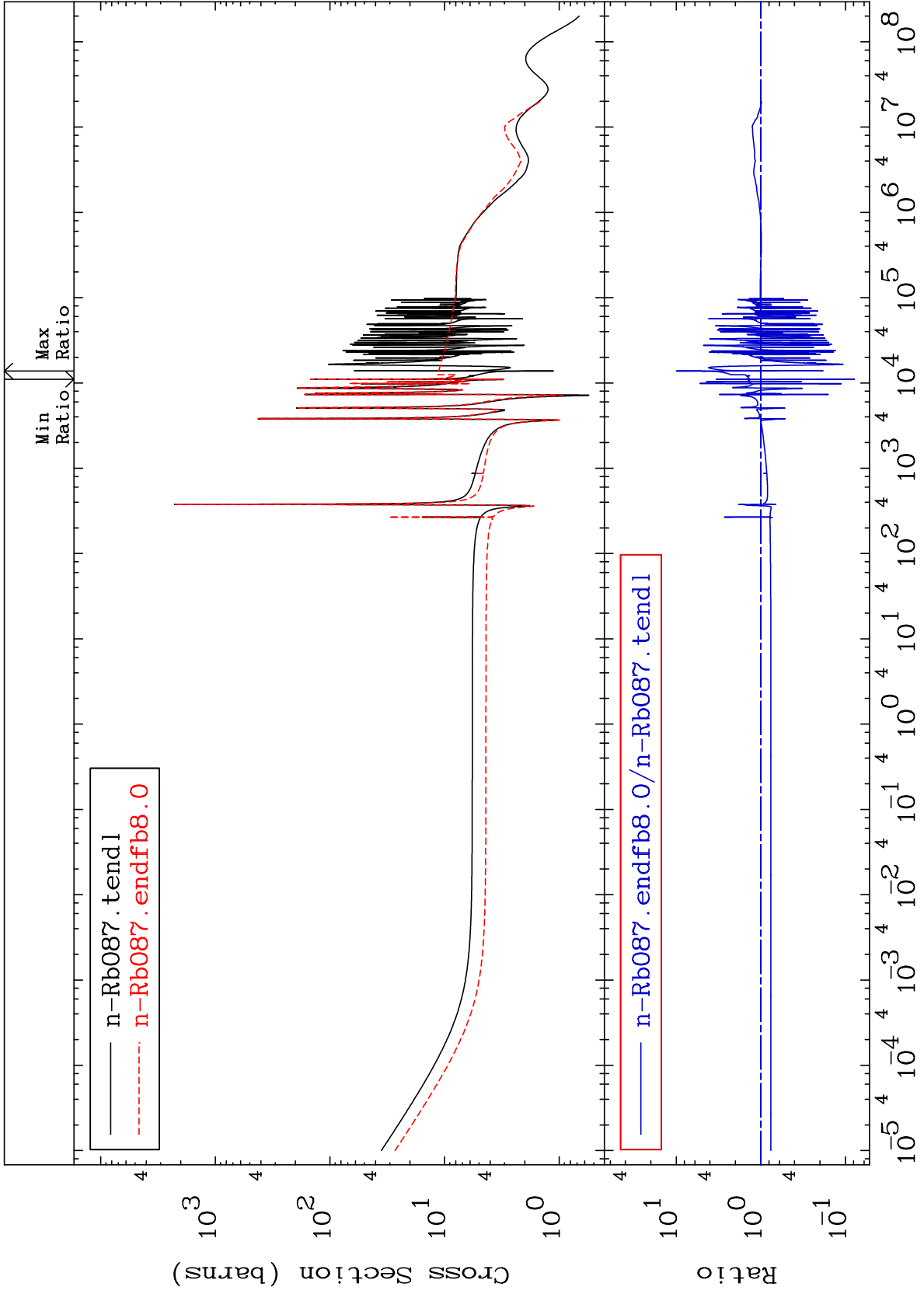
Incident Energy (eV)

<sup>37</sup>Rb-87

MAT 3731

Elastic  
Cross Section

37-Rb-87  
-92.18 To 897.5 %



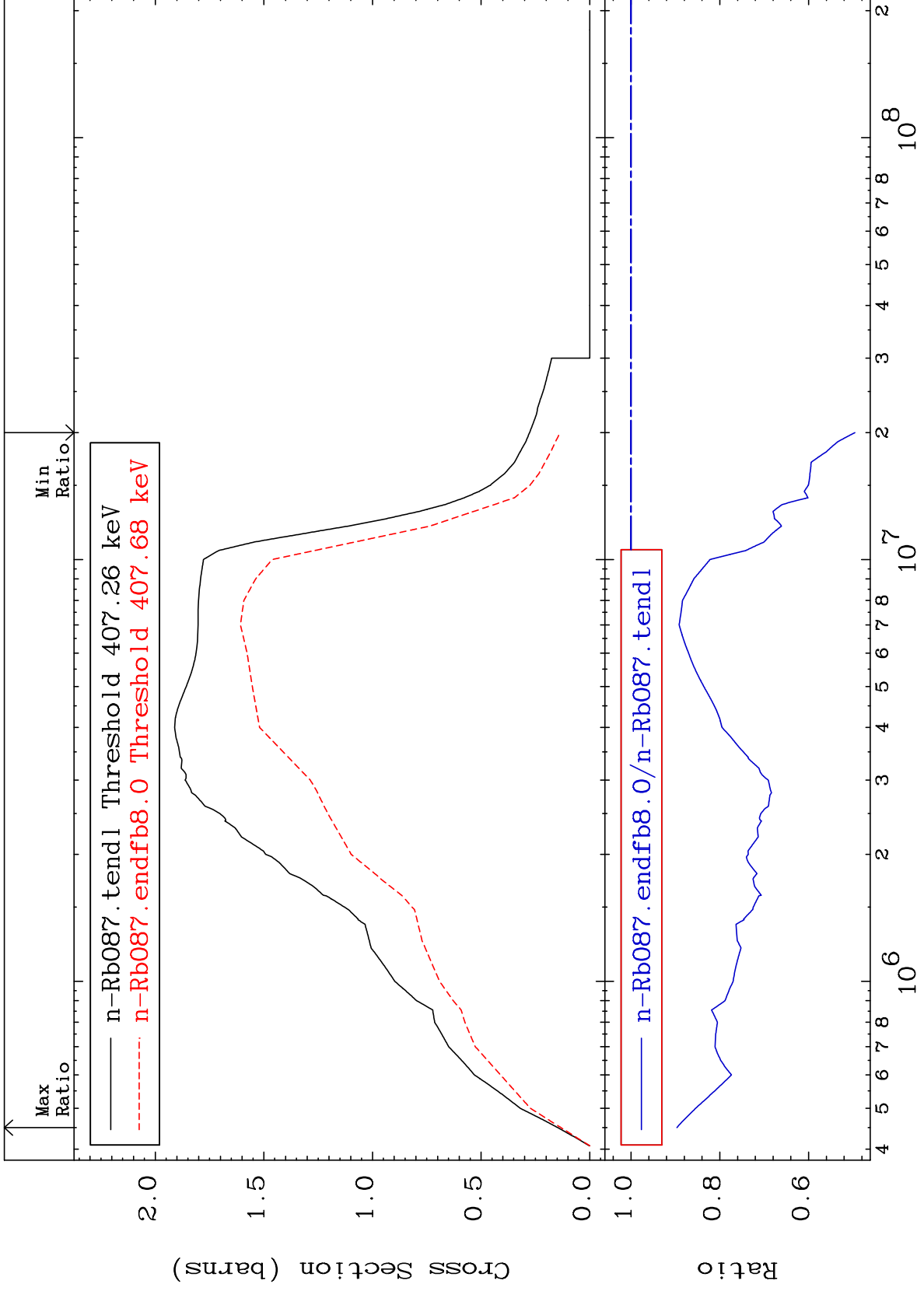
Incident Energy (eV)

37-Rb-87

MAT 3731

Inelastic  
Cross Section

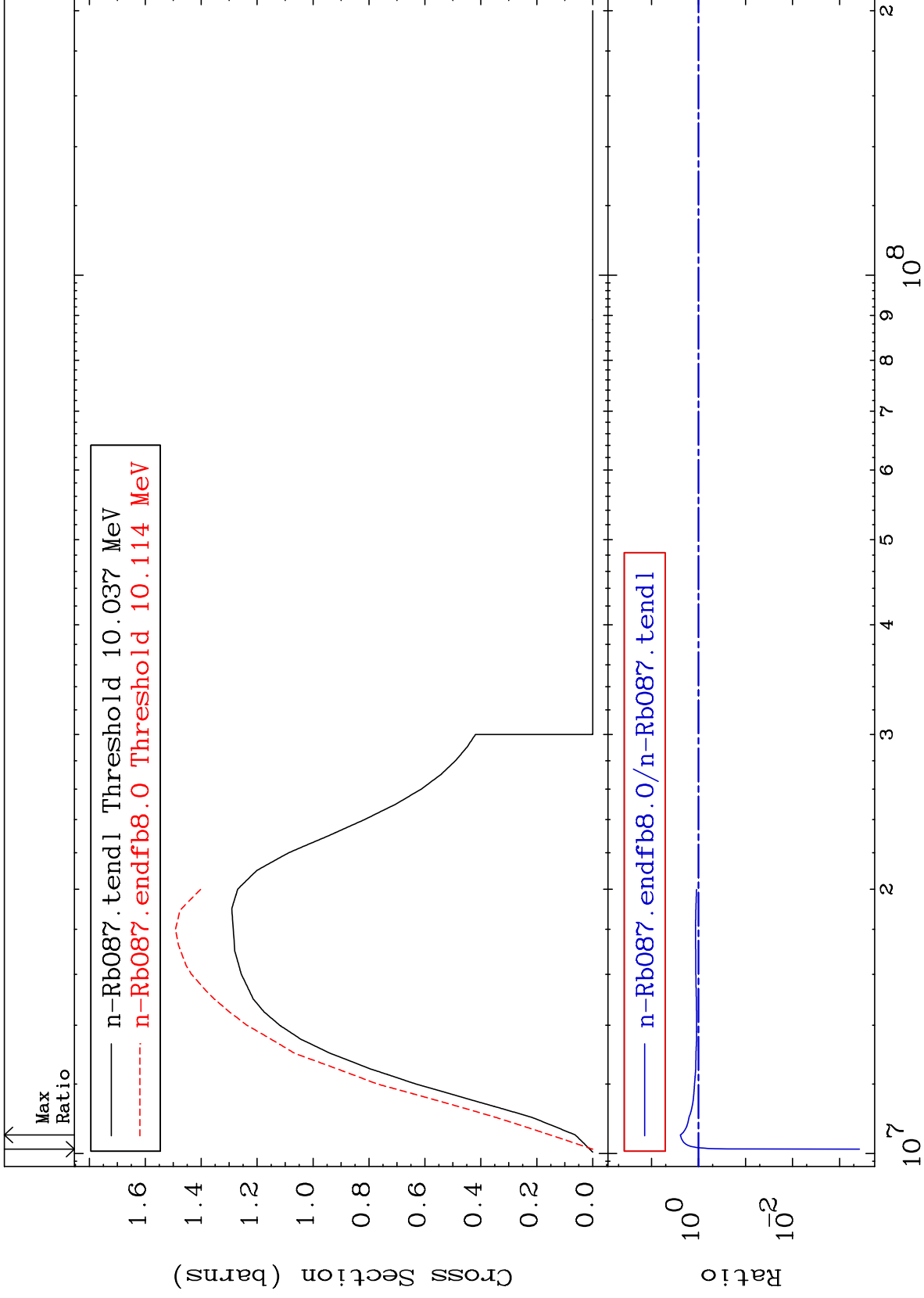
$^{37}\text{Rb-87}$   
-50.47 To -10.34%



MAT 3731

(n,2n)  
Cross Section

37-Rb-87  
-99.96 To 143.6 %



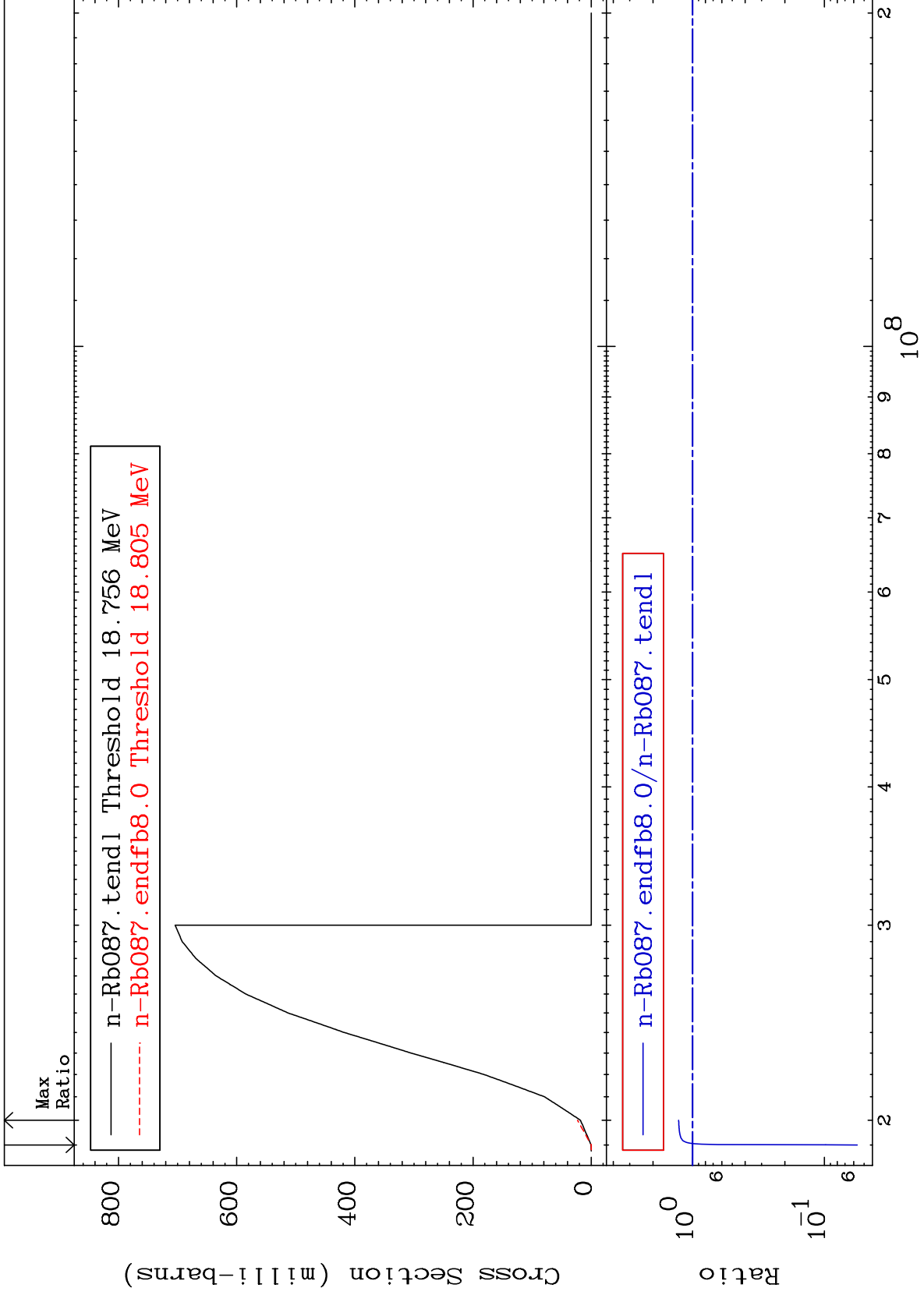
37-Rb-87

37-Rb-87

MAT 3731

(n,3n)  
Cross Section

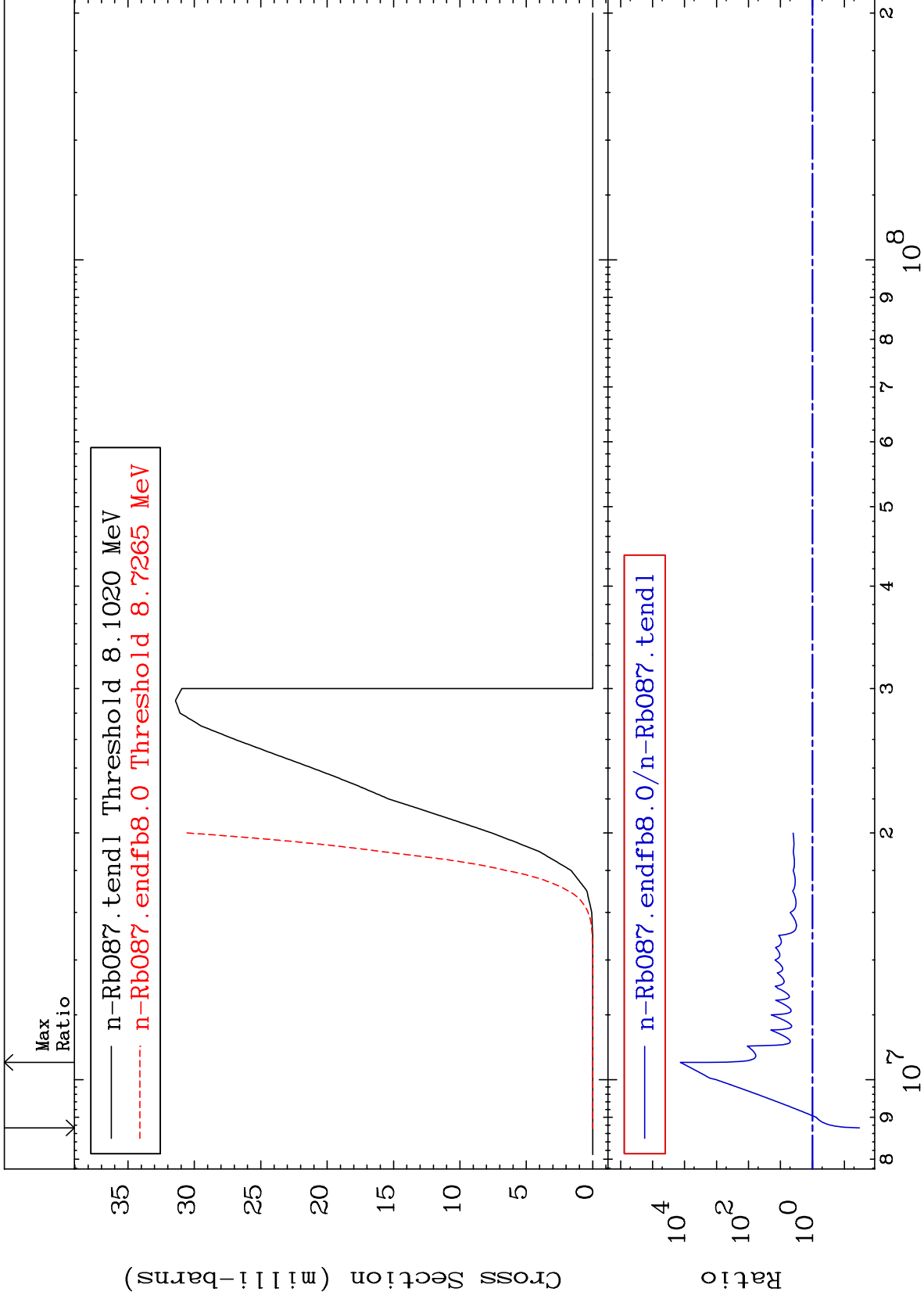
<sup>37</sup>Rb-87  
-94.36 To 27.68 %



MAT 3731

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

37-Rb-87  
-96.61 To 9999. %



6

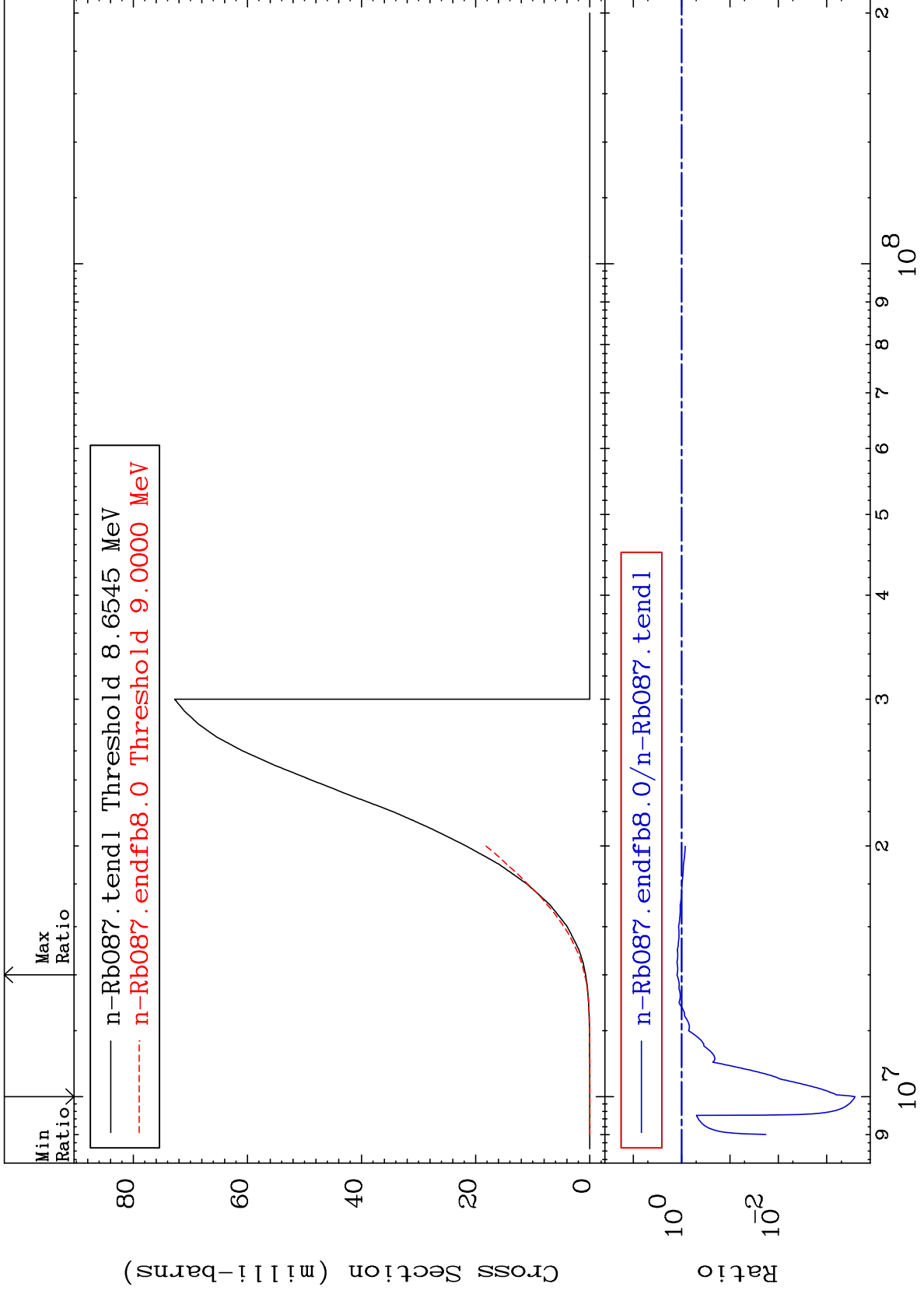
Incident Energy (eV)

37-Rb-87

MAT 3731

(n,n') p  
Cross Section

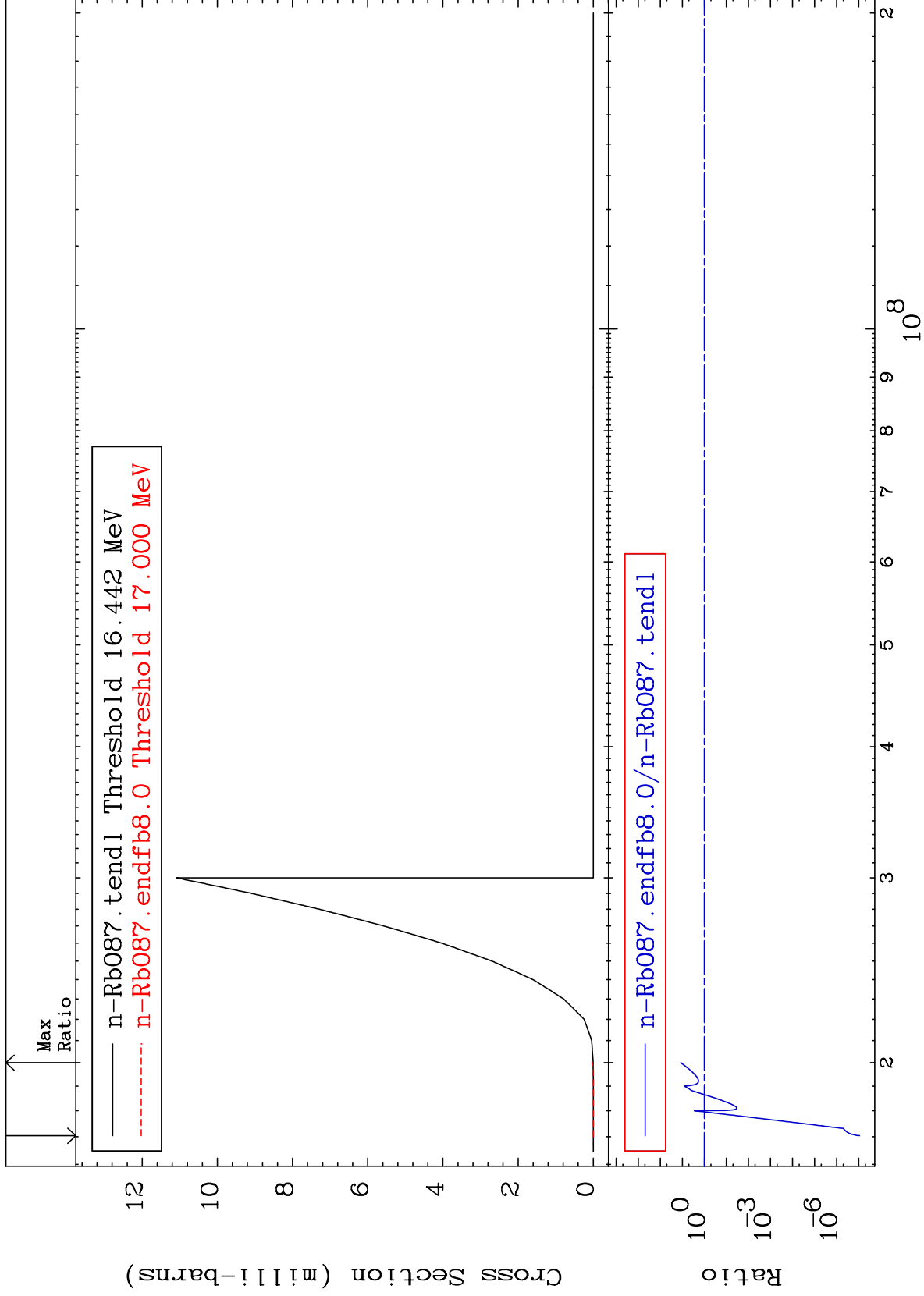
<sup>37</sup>Rb-87  
-99.97 To 24.98 %



<sup>37</sup>Rb-87

Incident Energy (eV)

7

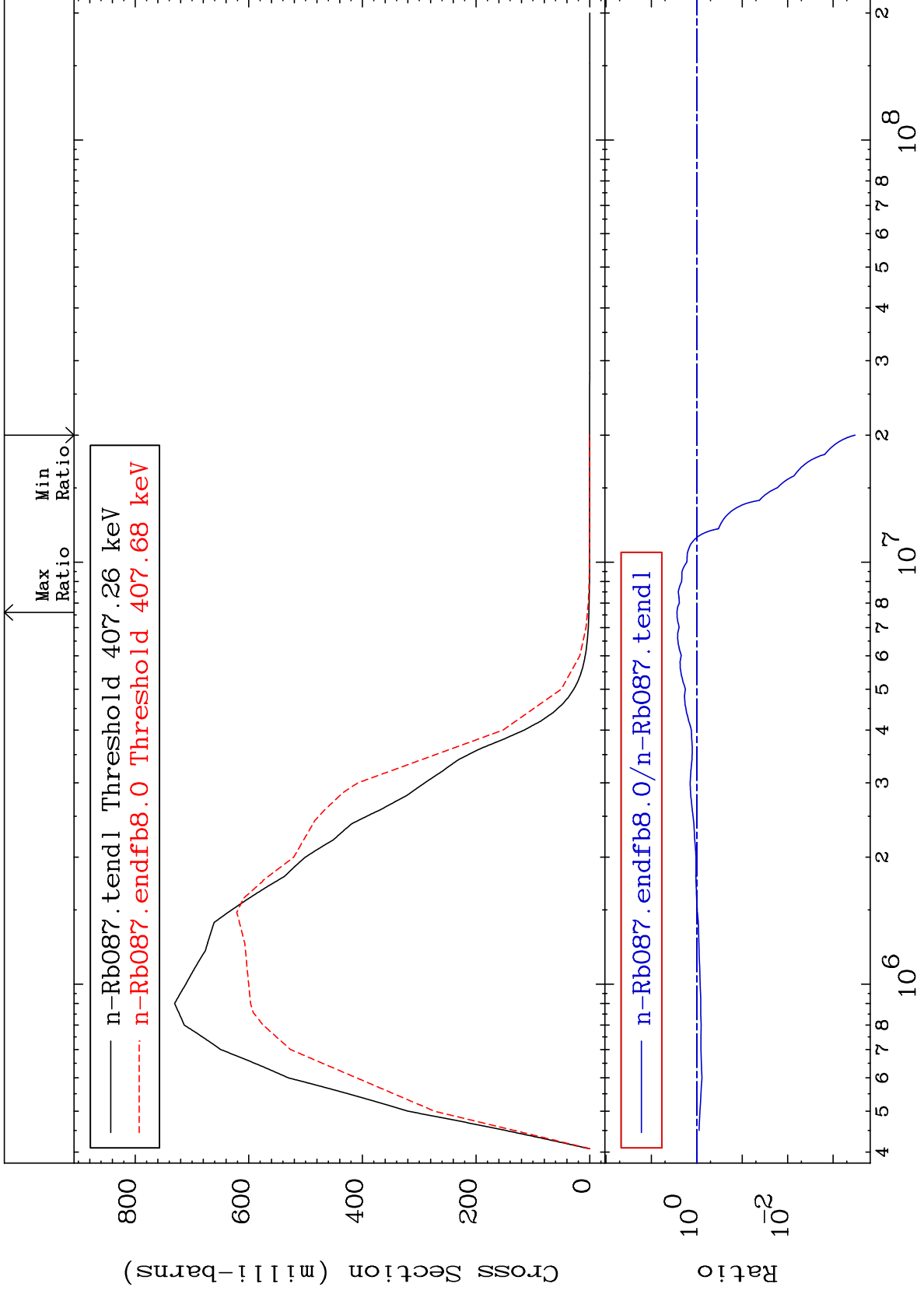




MAT 3731

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

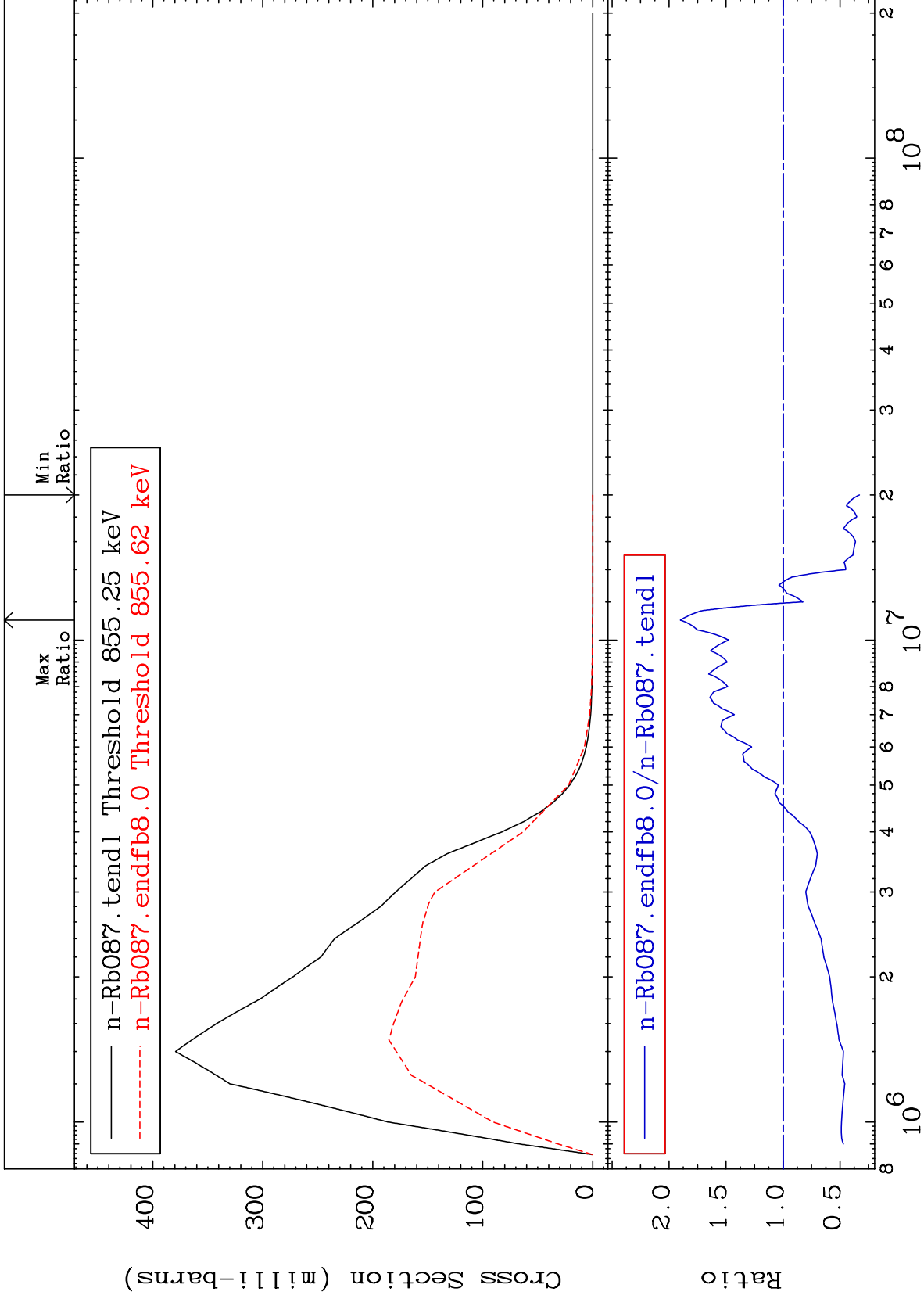
37-Rb-87  
-99.97 To 174.6 %



MAT 3731

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

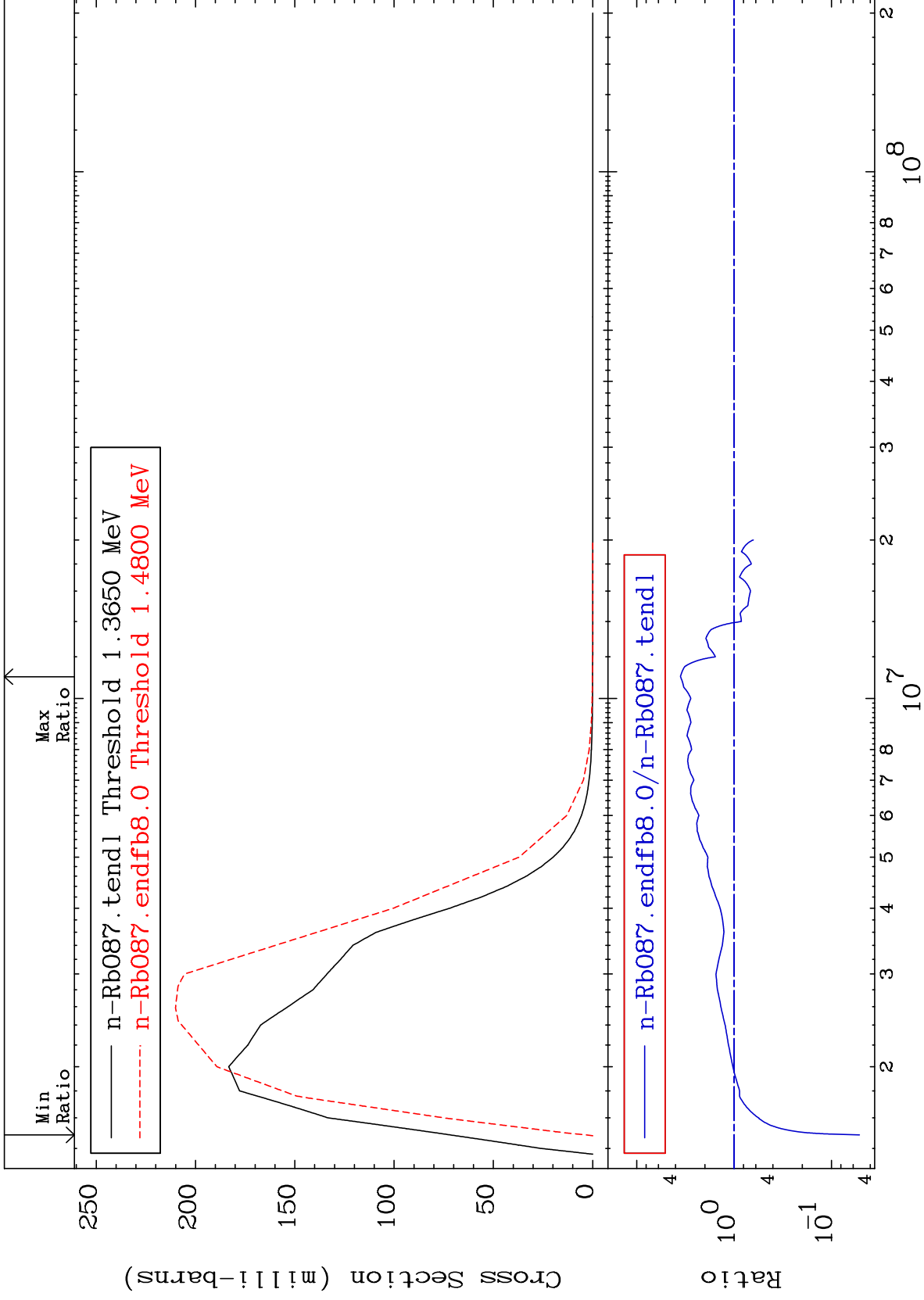
37-Rb-87  
-67.00 To 90.10 %



10

Incident Energy (eV)

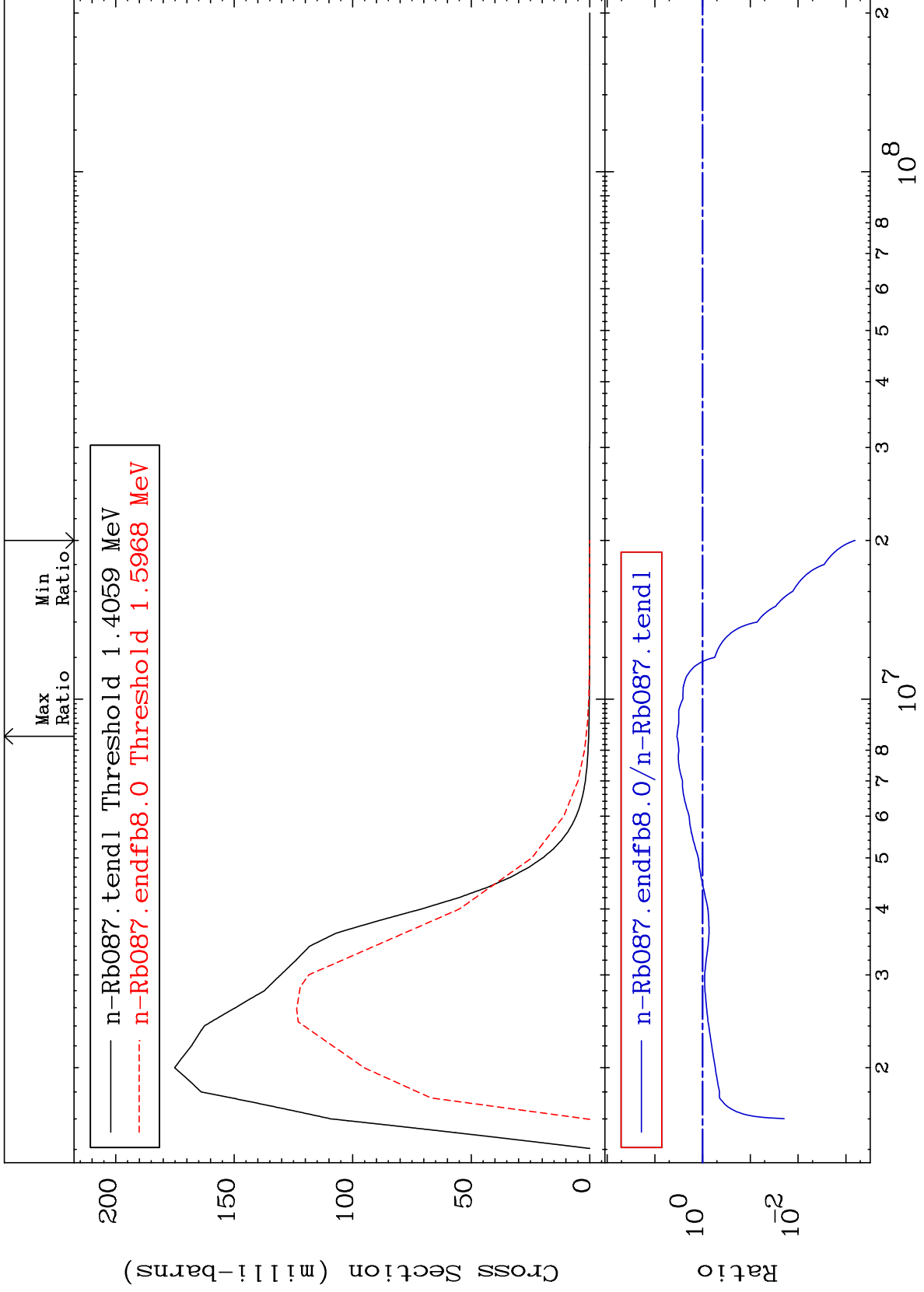
37-Rb-87



MAT 3731

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

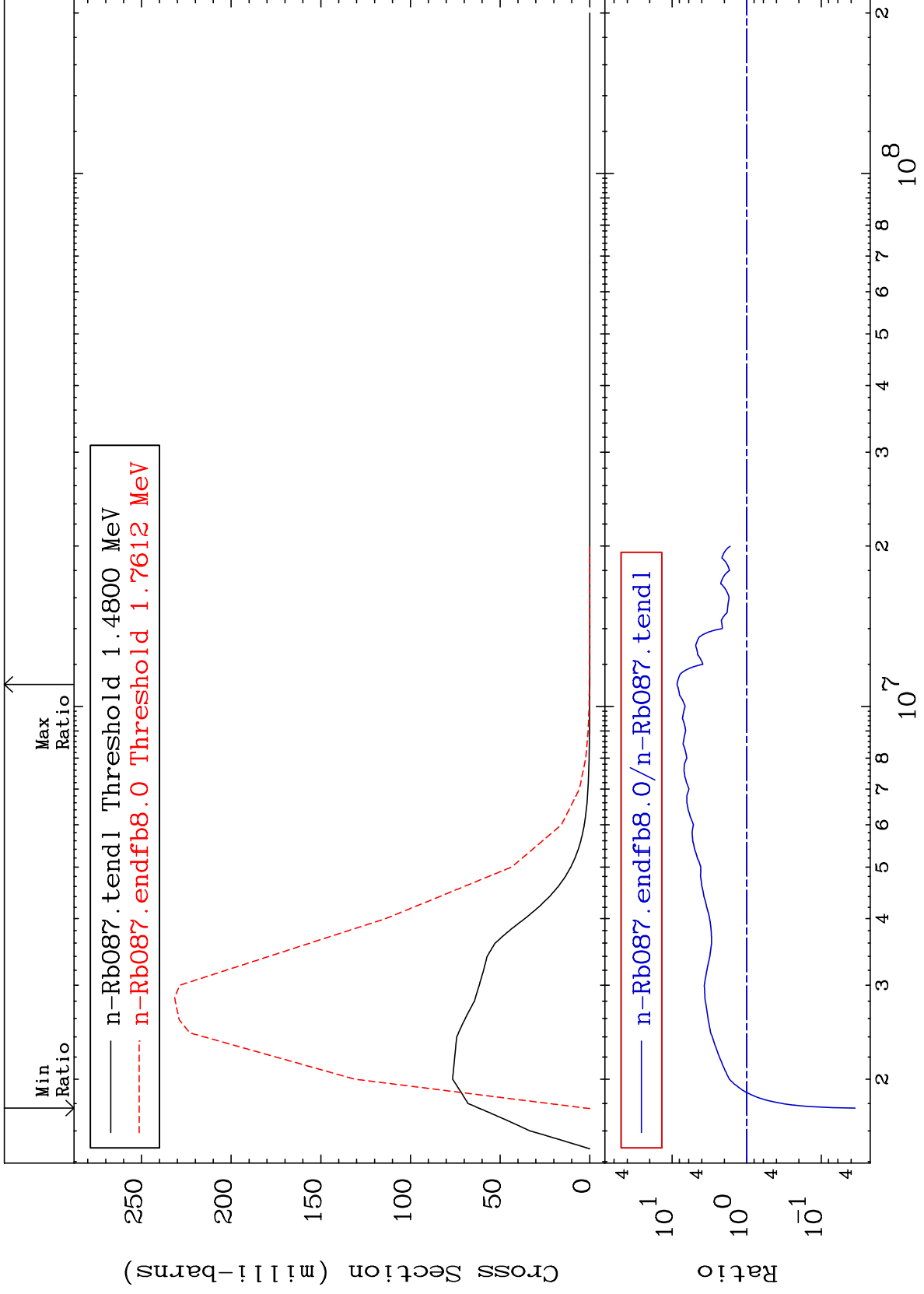
37-Rb-87  
-99.94 To 244.9 %



MAT 3731

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

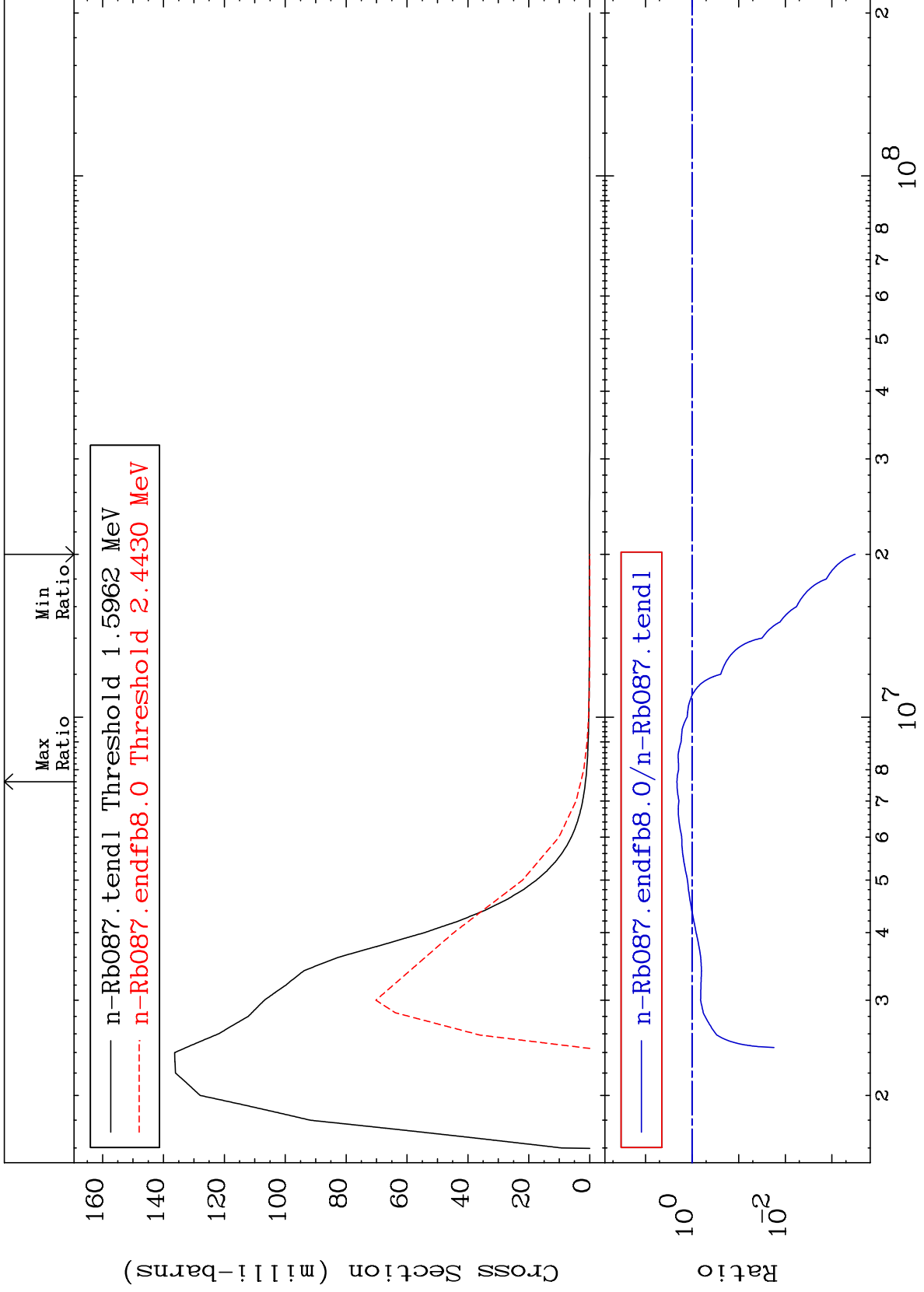
37-Rb-87  
-96.47 To 763.0 %

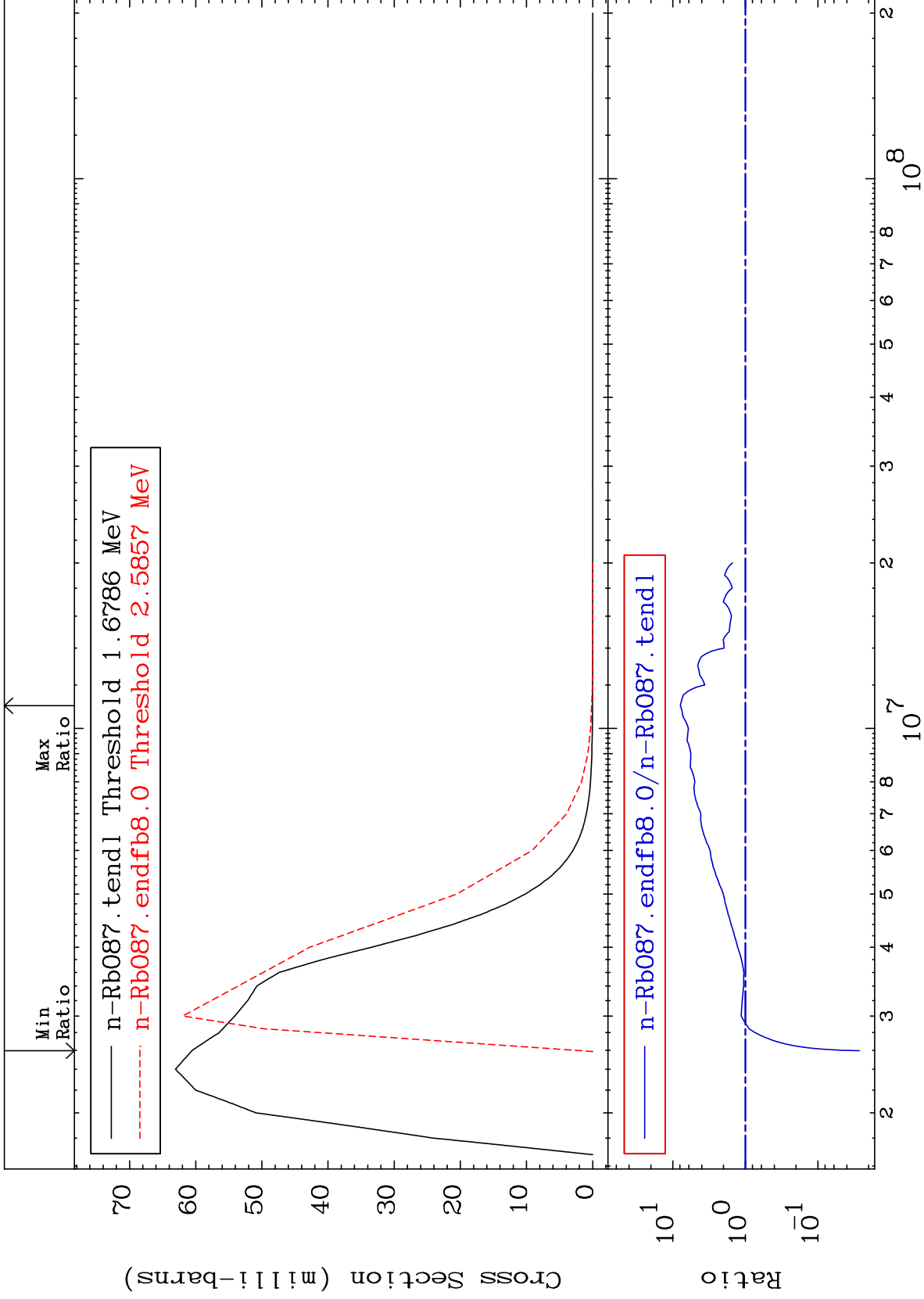


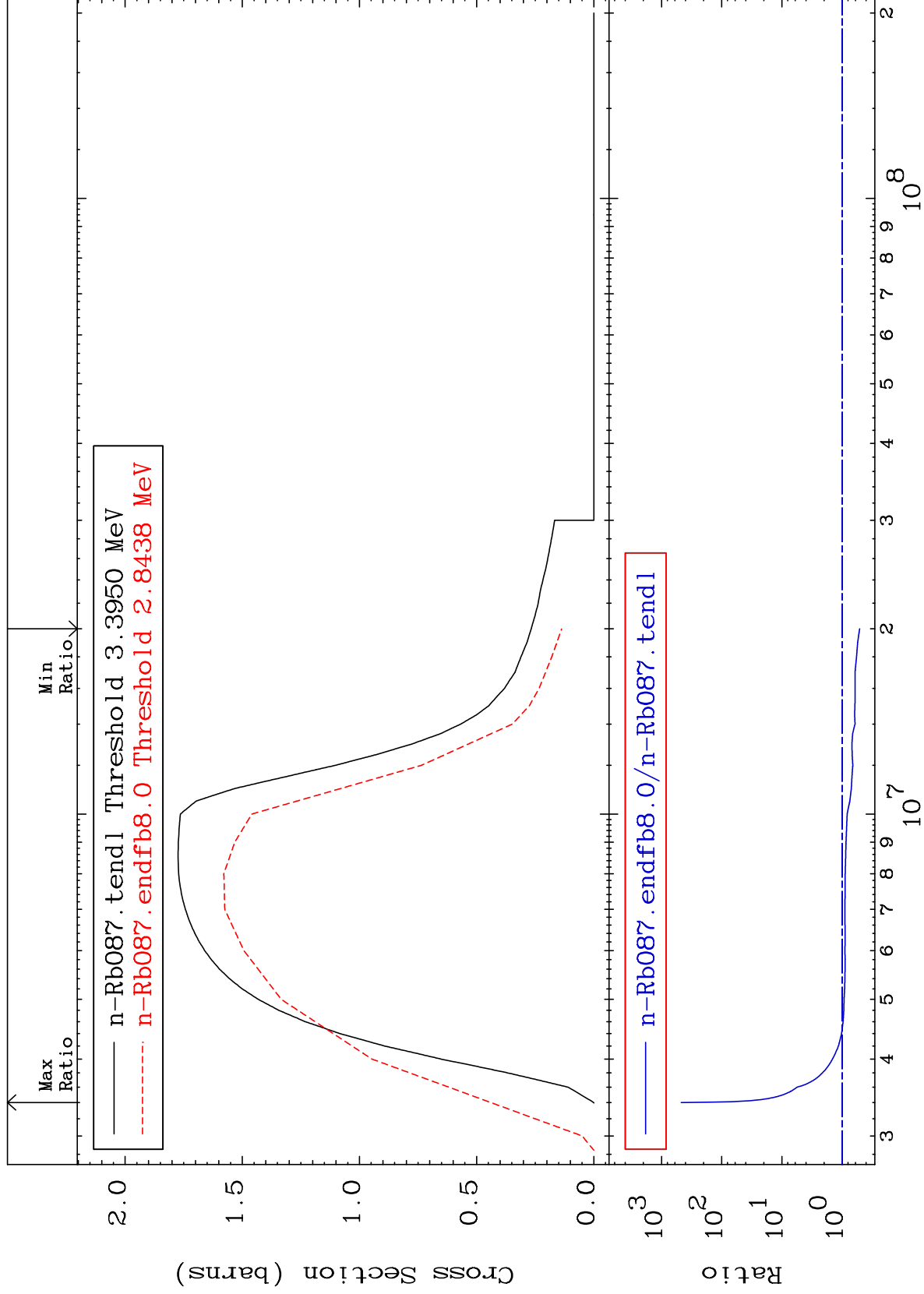
MAT 3731

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

<sup>37</sup>Rb-87  
-99.97 To 111.8 %









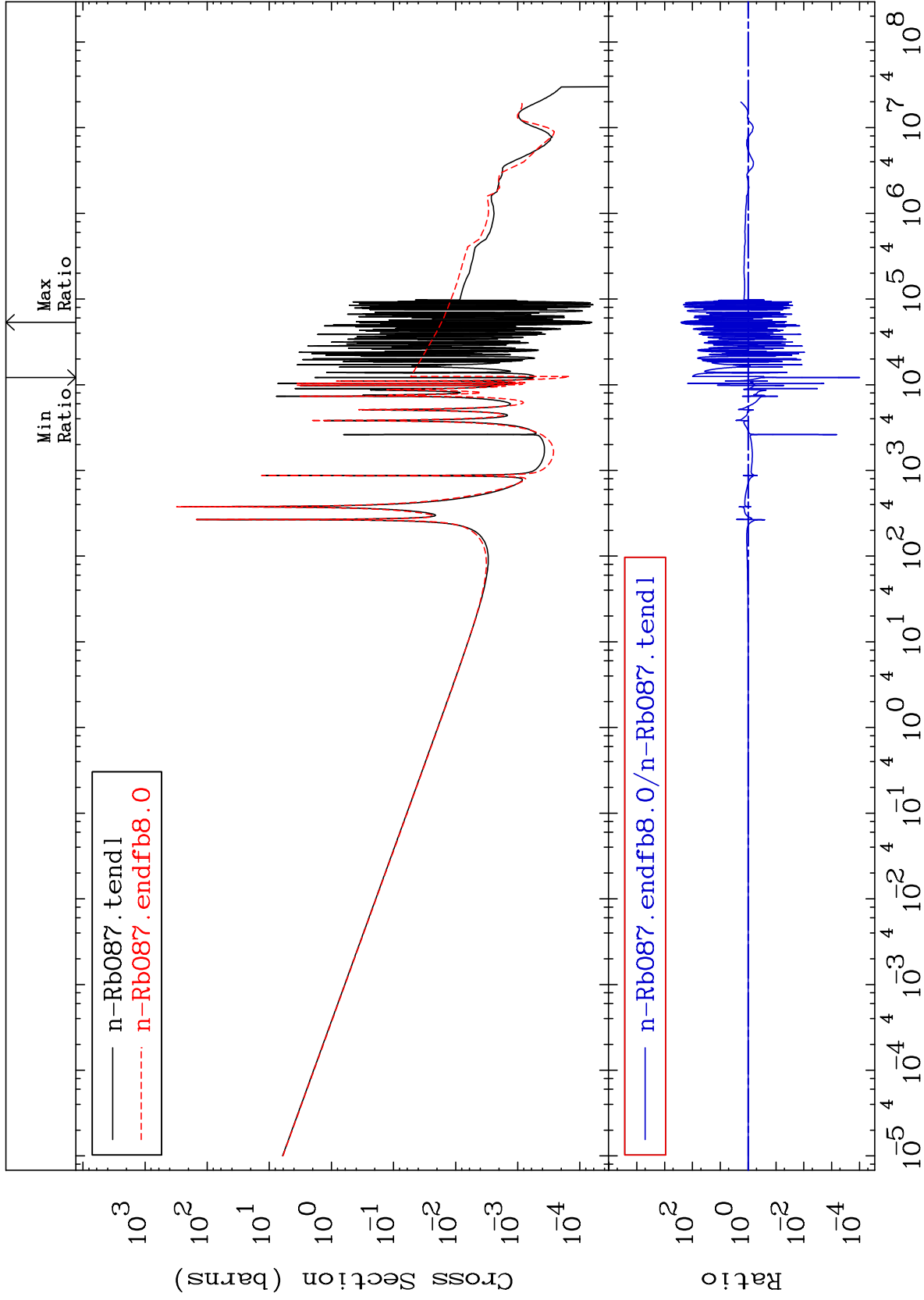
MAT 3731

(n,  $\gamma$ )

37-Rb-87

Cross Section

-99.99 To 9999. %



17

Incident Energy (eV)

37-Rb-87

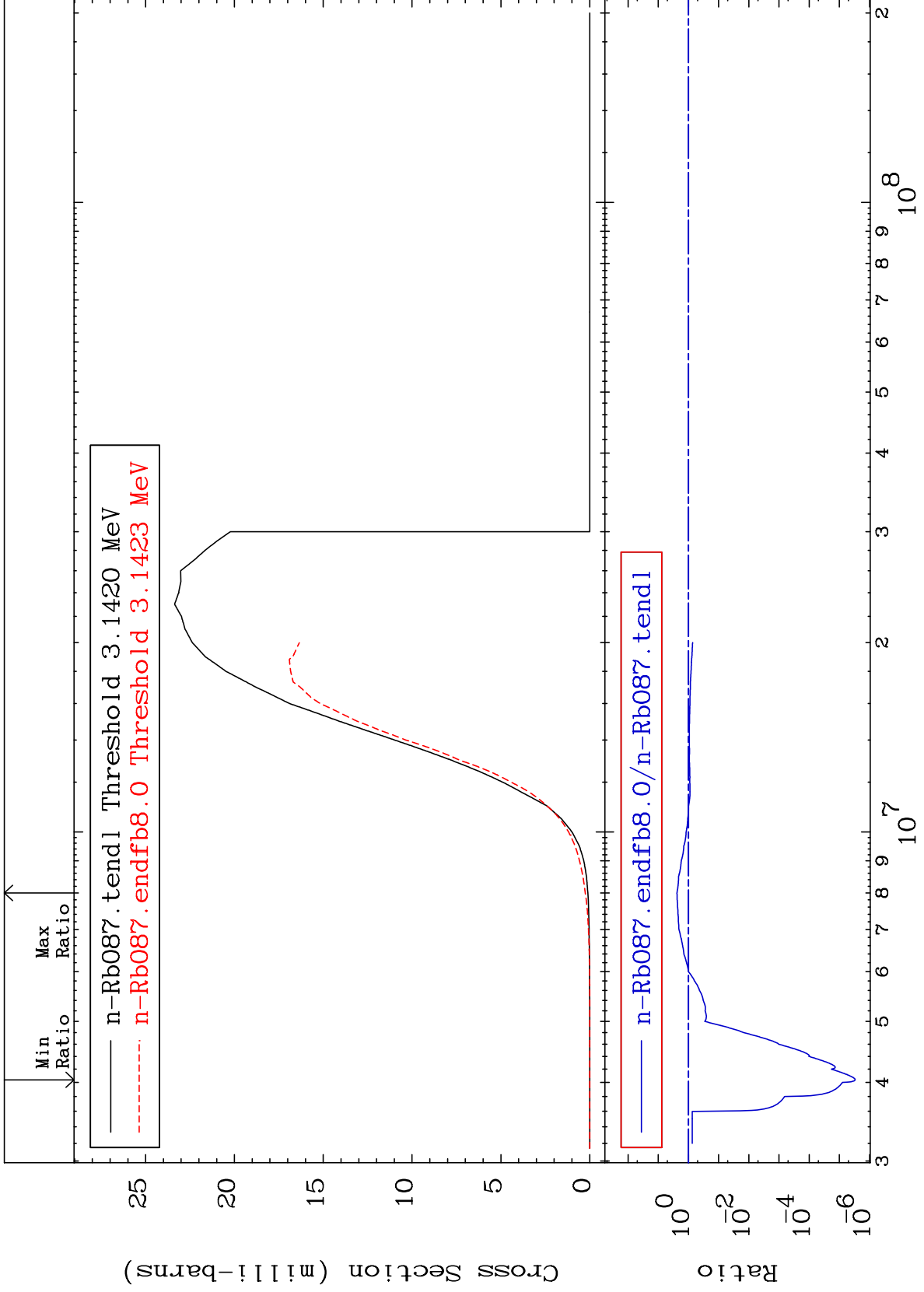
MAT 3731

(n,p)

<sup>37</sup>Rb-87

Cross Section

-100.0 To 141.4 %



18

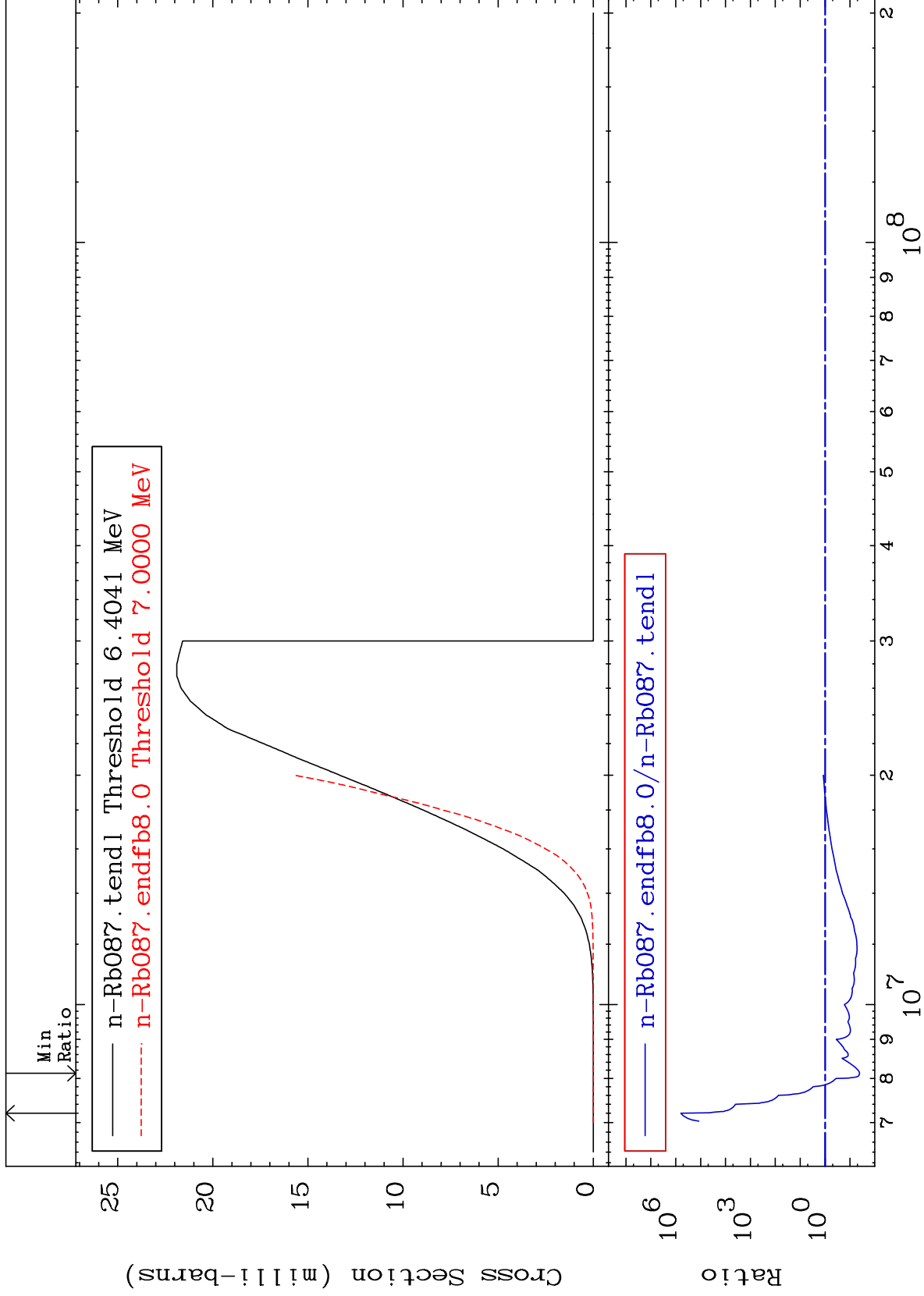
Incident Energy (eV)

<sup>37</sup>Rb-87

MAT 3731

(n, d)  
Cross Section

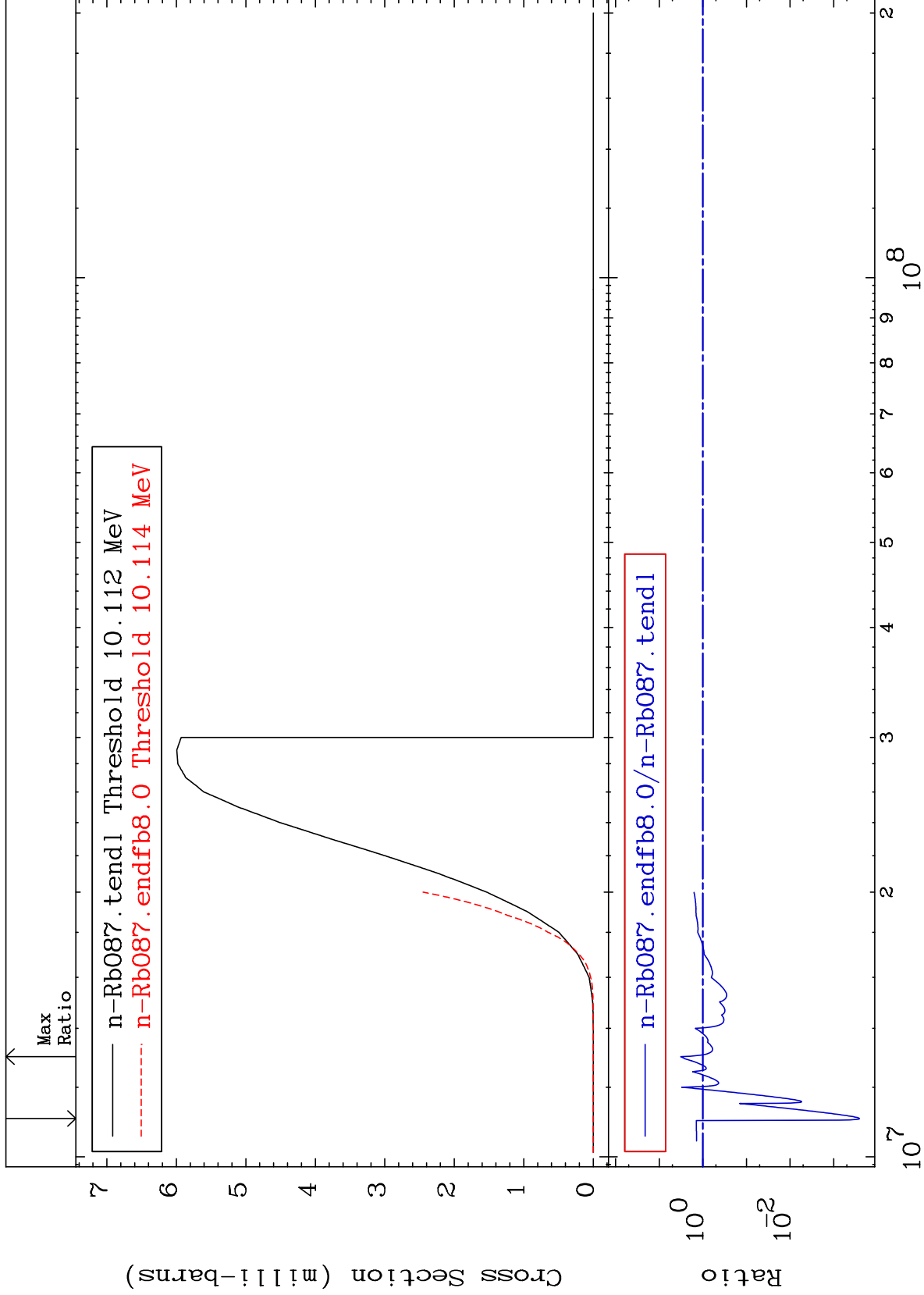
<sup>37</sup>Rb-87  
-95.86 To 9999. %



MAT 3731

(n, t)  
Cross Section

<sup>37</sup>Rb-87  
-99.97 To 220.6 %



Incident Energy (eV)

<sup>37</sup>Rb-87

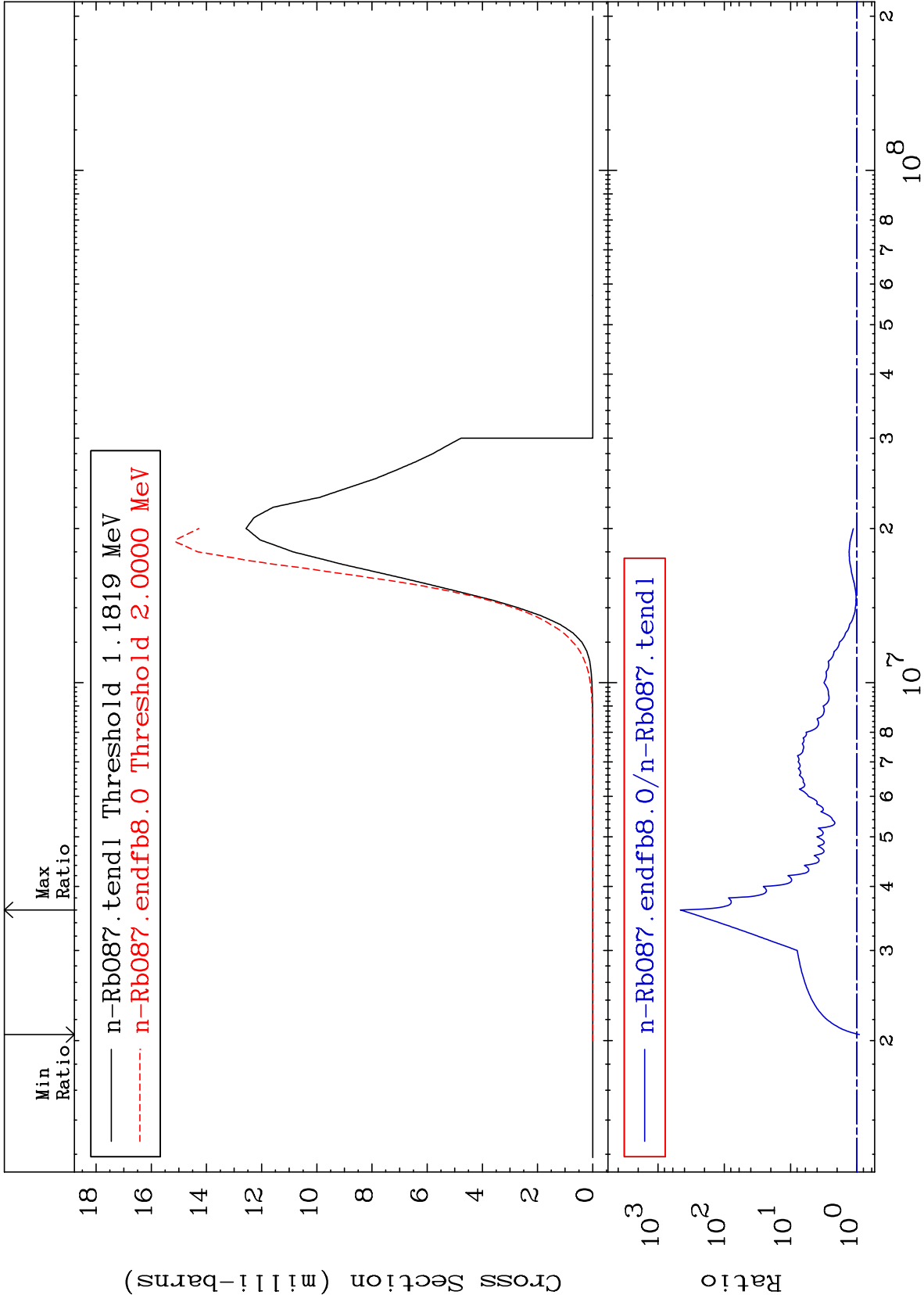
MAT 3731

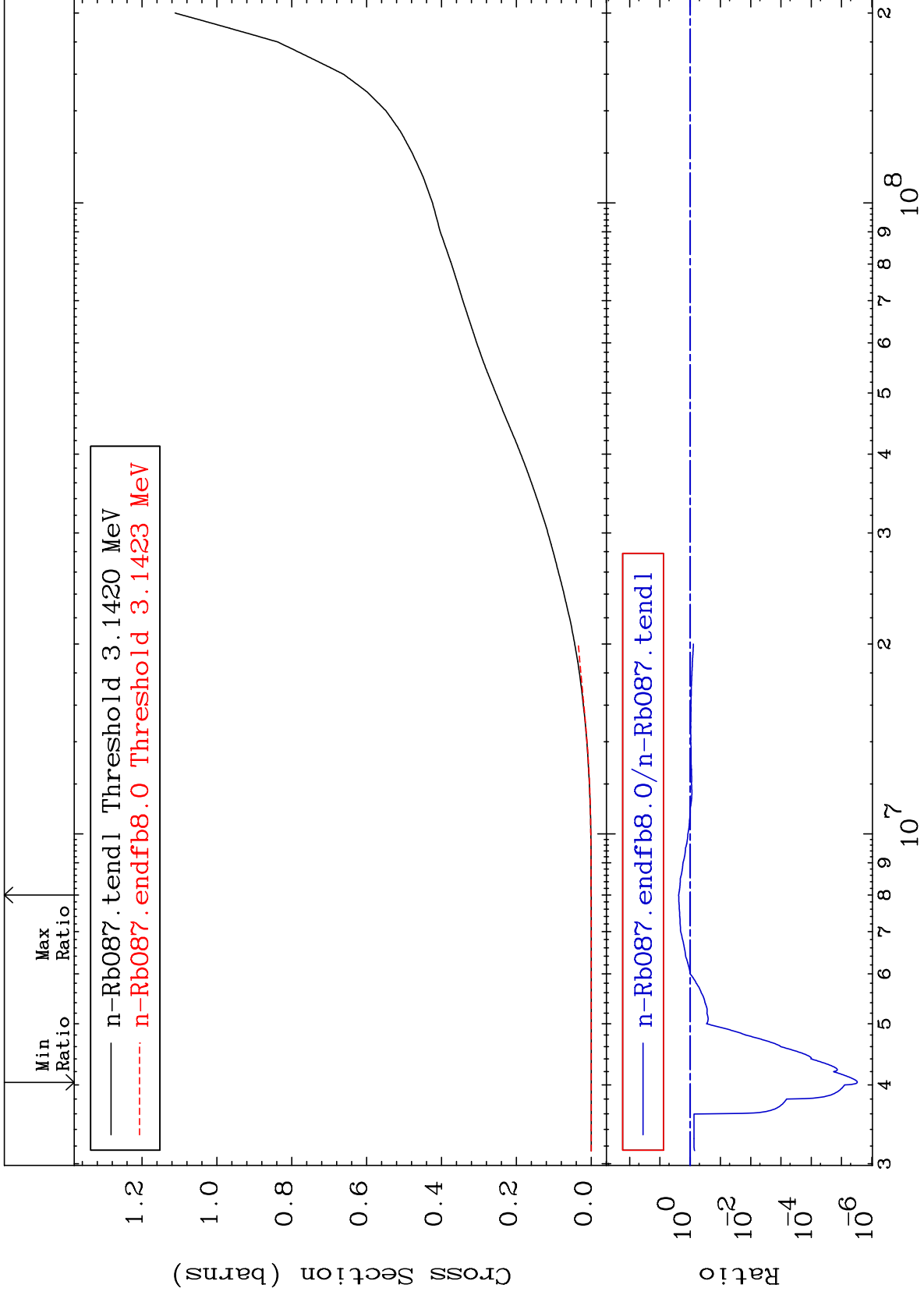
(n,  $\alpha$ )

<sup>37</sup>Rb-87

Cross Section

-8.061 To 9999. %

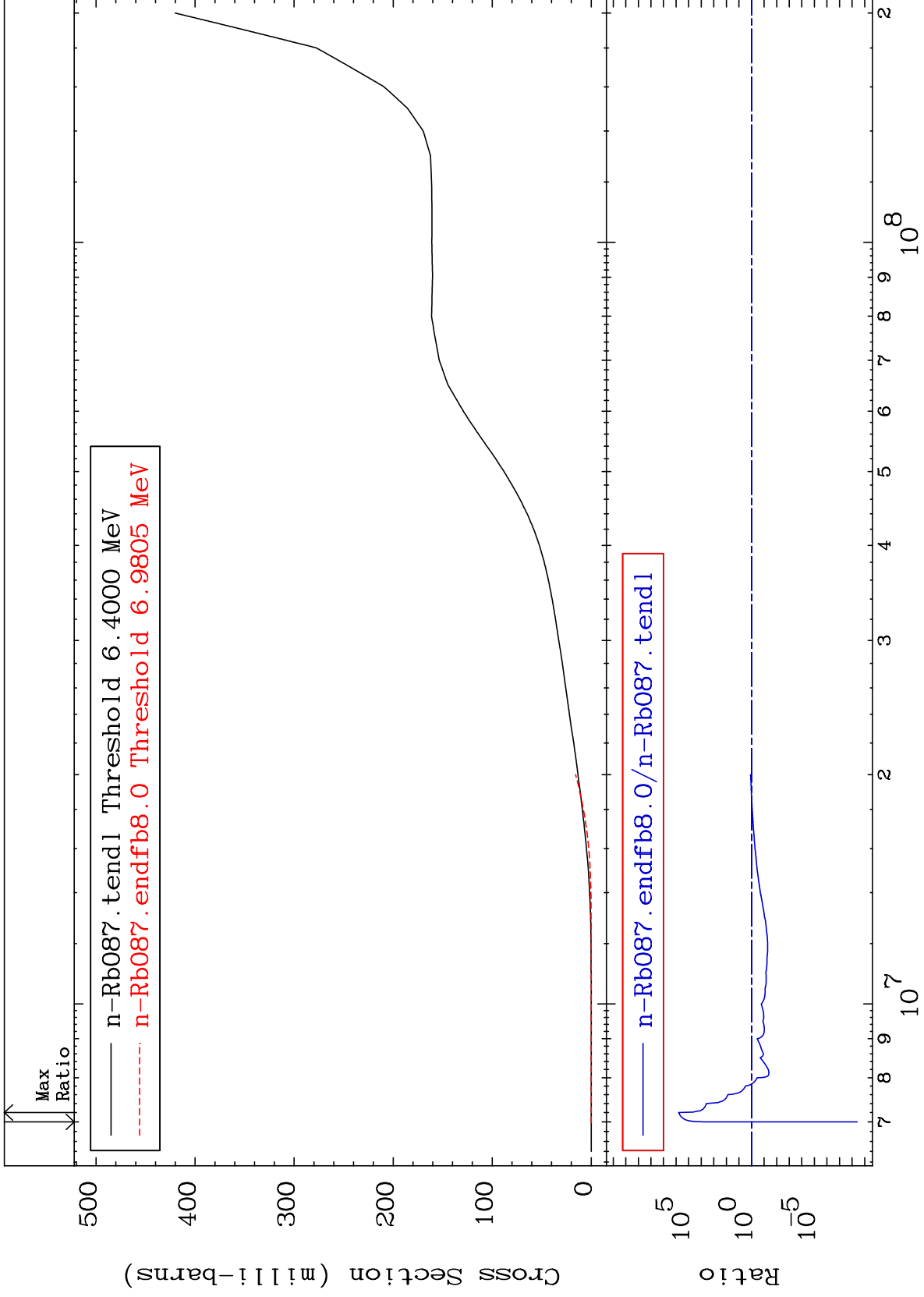




MAT 3731

Deuterium Production  
Cross Section

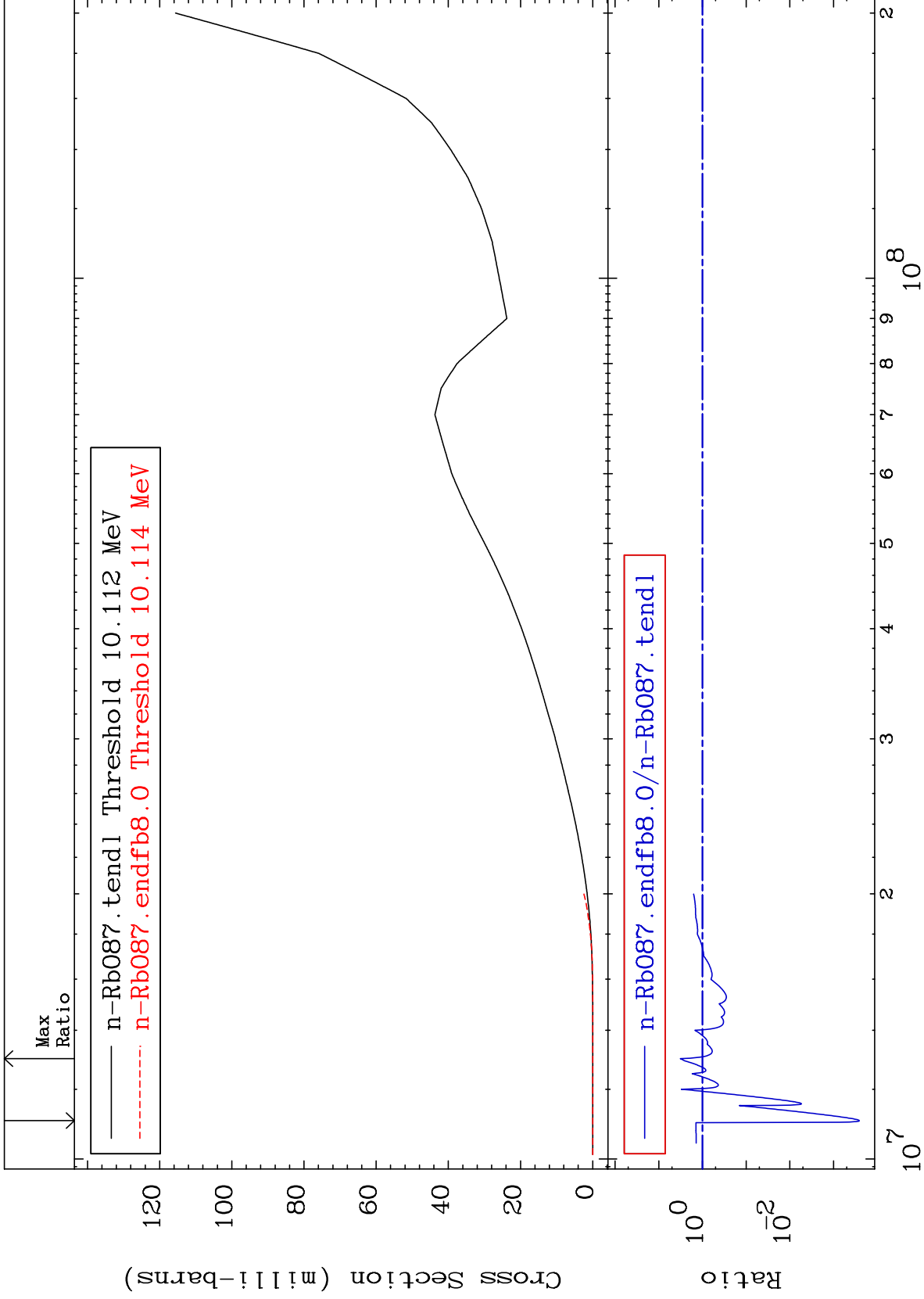
<sup>37</sup>Rb-87  
-100.0 To 9999. %



MAT 3731

Tritium Production  
Cross Section

<sup>37</sup>Rb-87  
-99.97 To 220.6 %

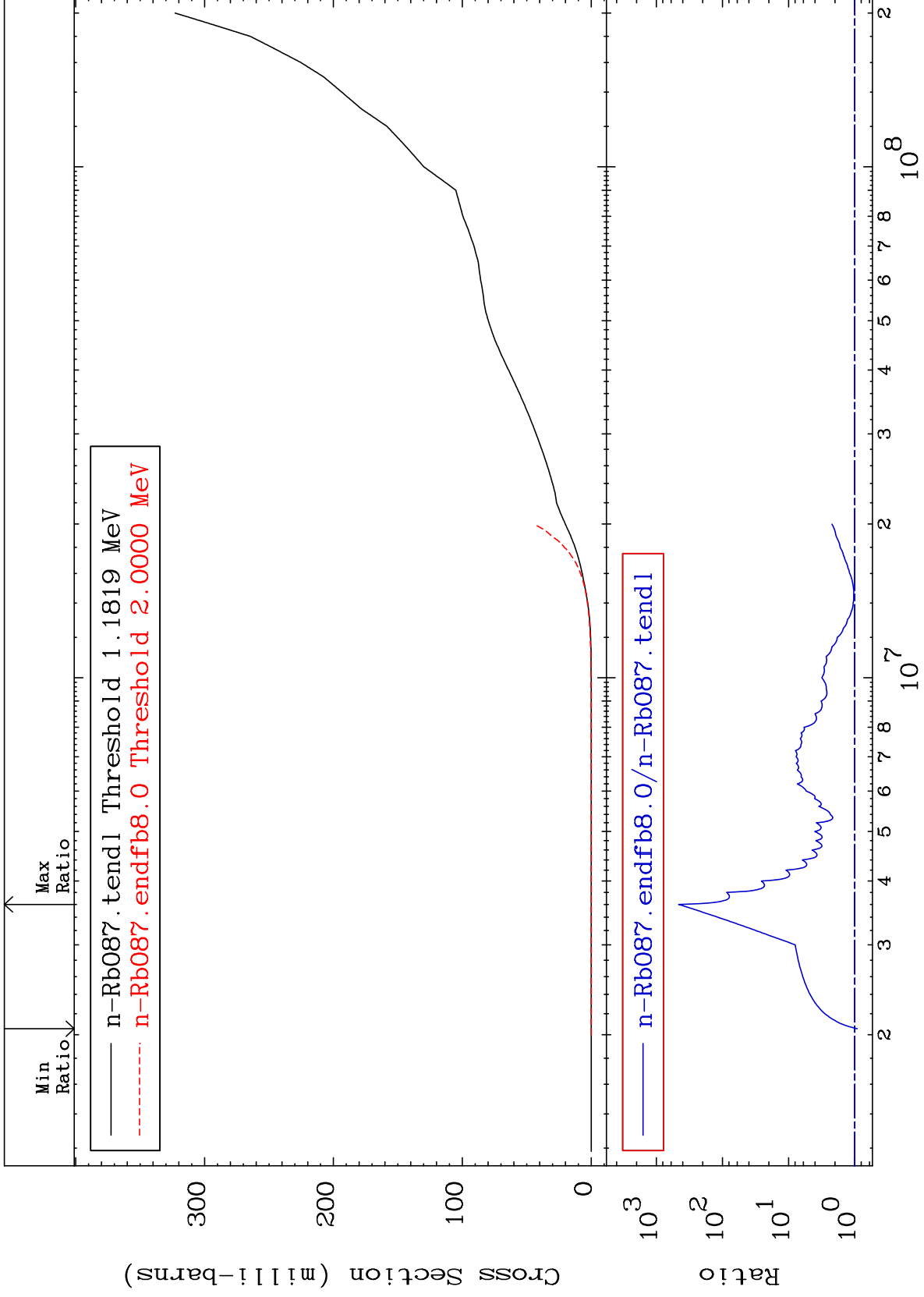


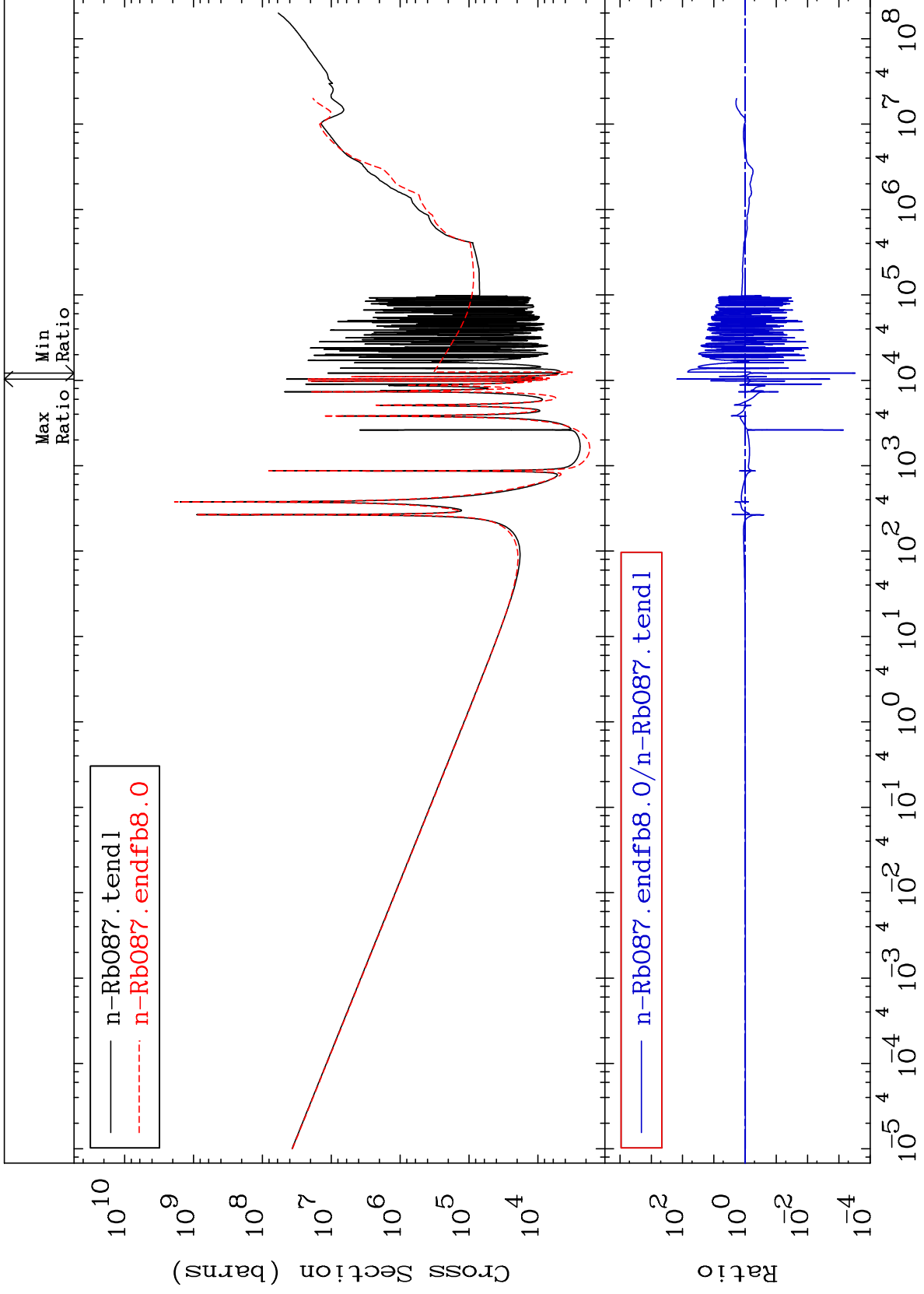
24

Incident Energy (eV)

<sup>37</sup>Rb-87



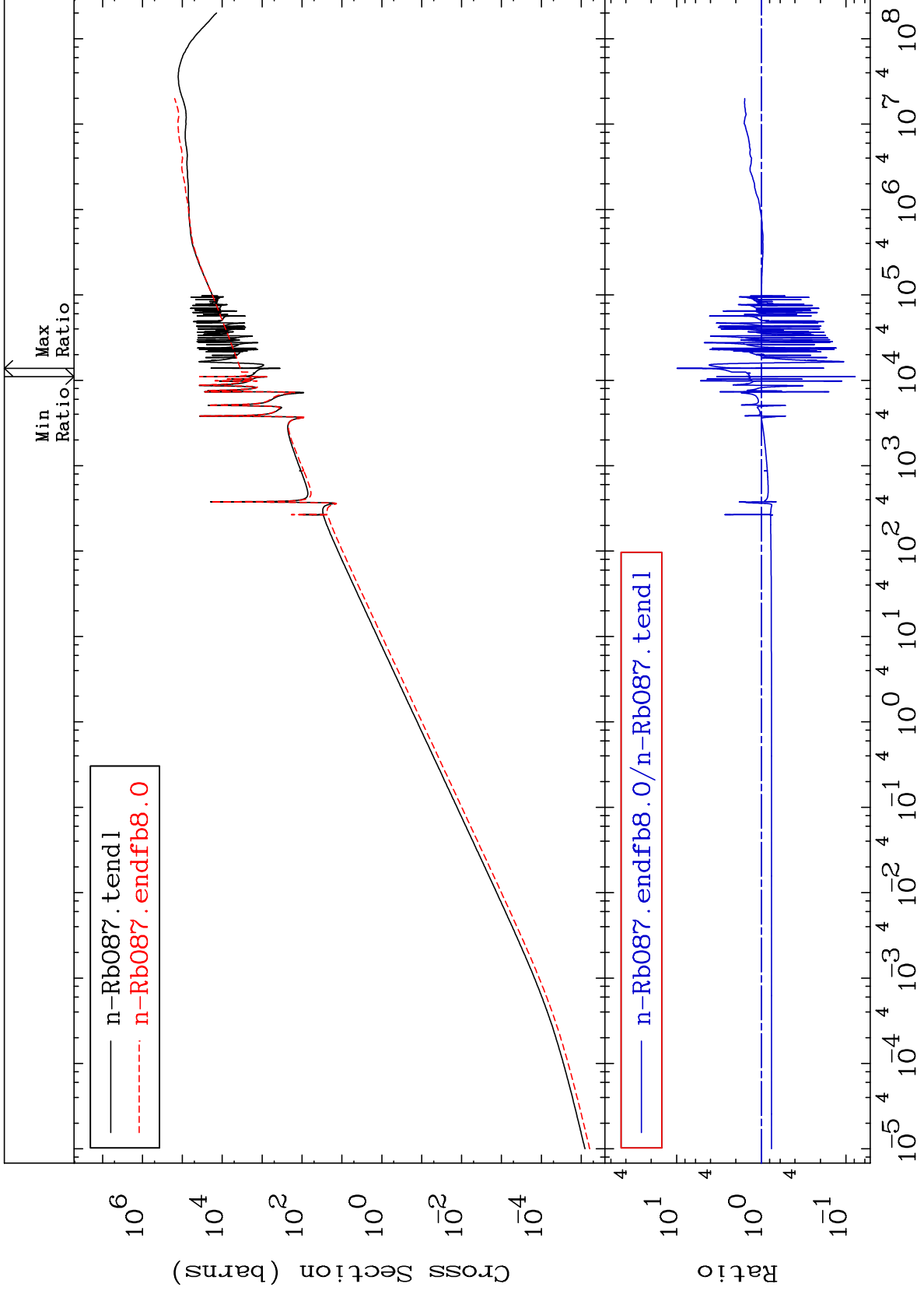


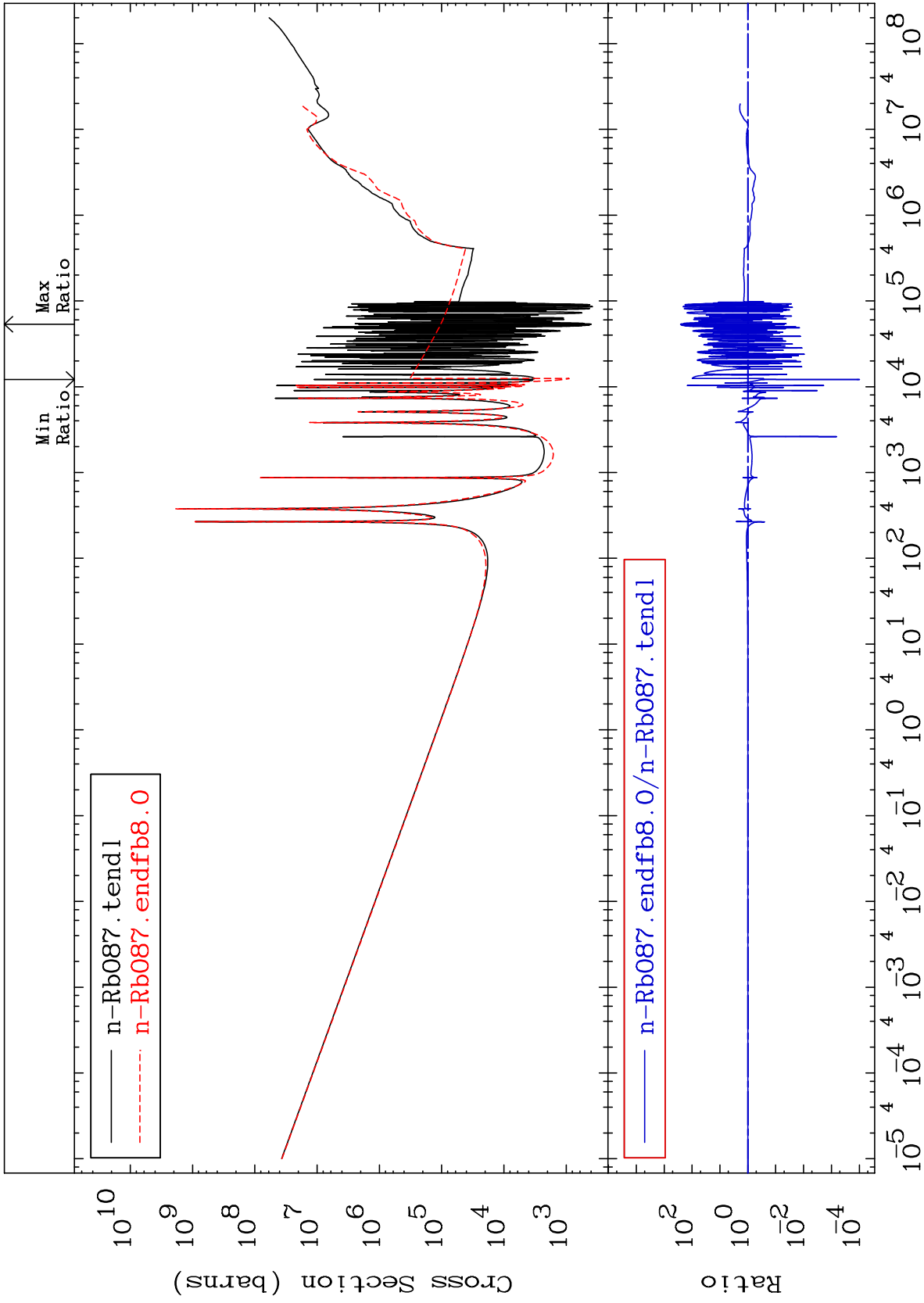


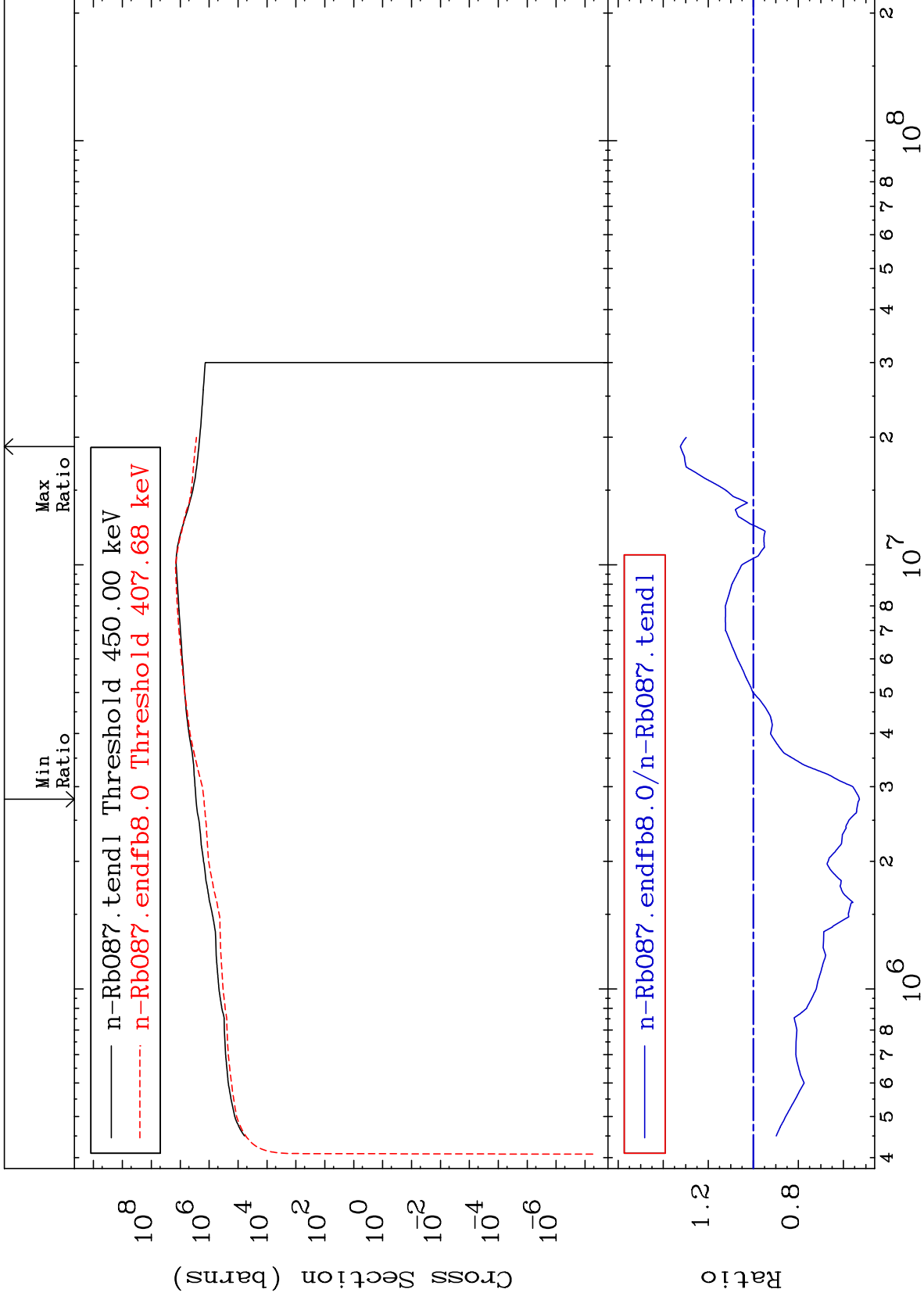
MAT 3731

Kerma elastic  
Cross Section

37-Rb-87  
-92.20 To 894.1 %



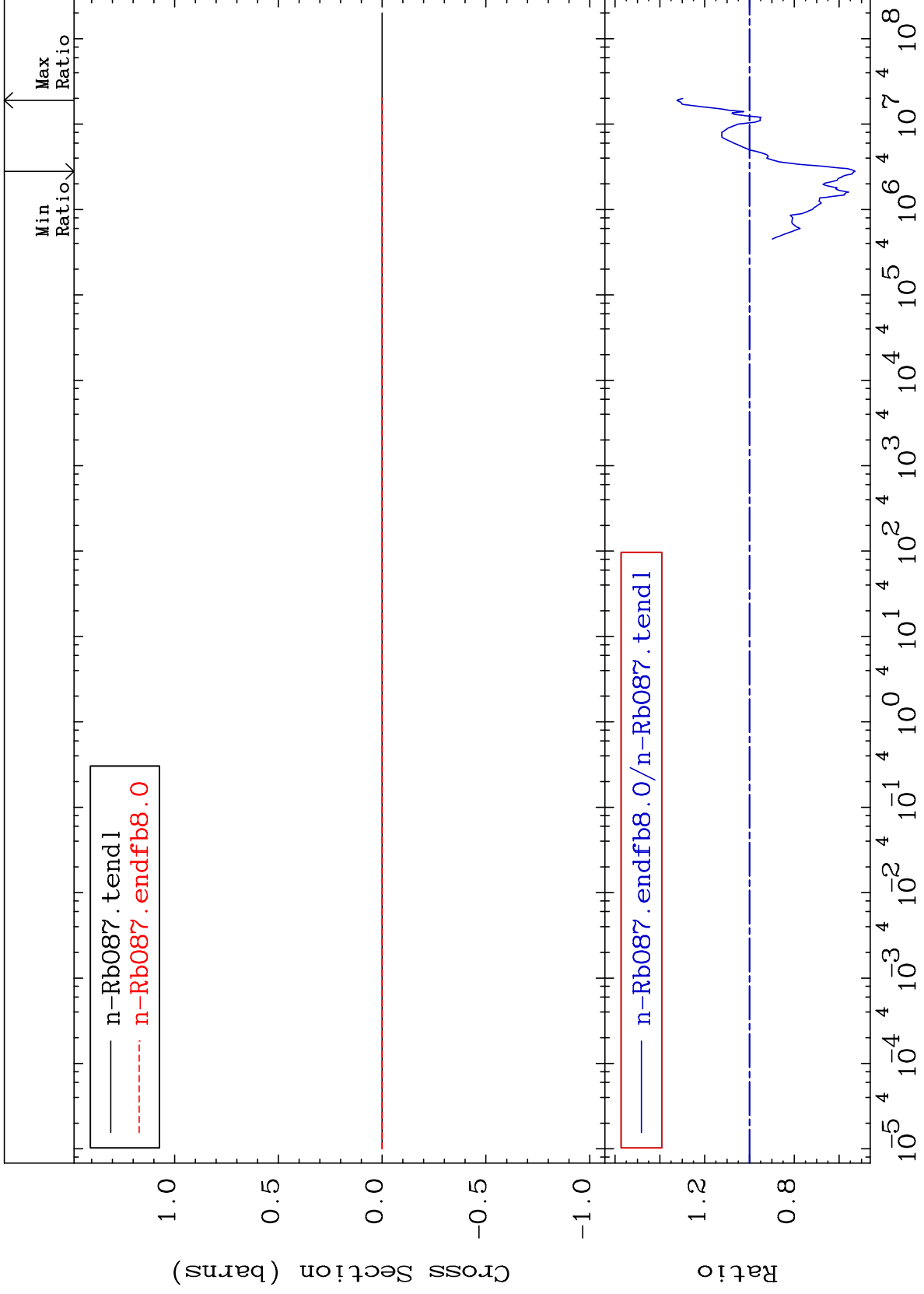




MAT 3731

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

37-Rb-87  
-47.09 To 32.38 %



30

Incident Energy (eV)

37-Rb-87

