

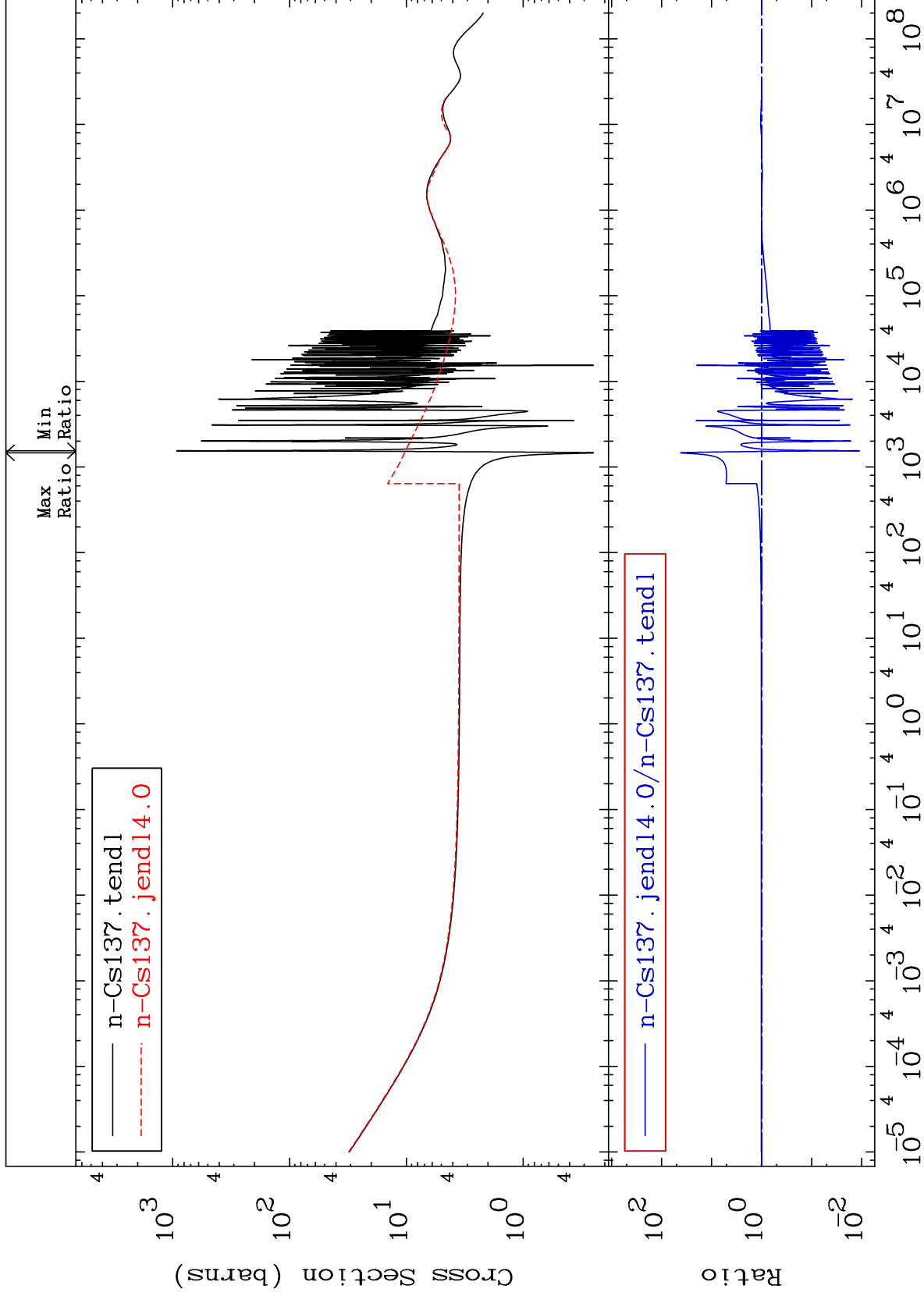
MAT 5537

Total

55-Cs-137

Cross Section

-98.90 To 4029. %



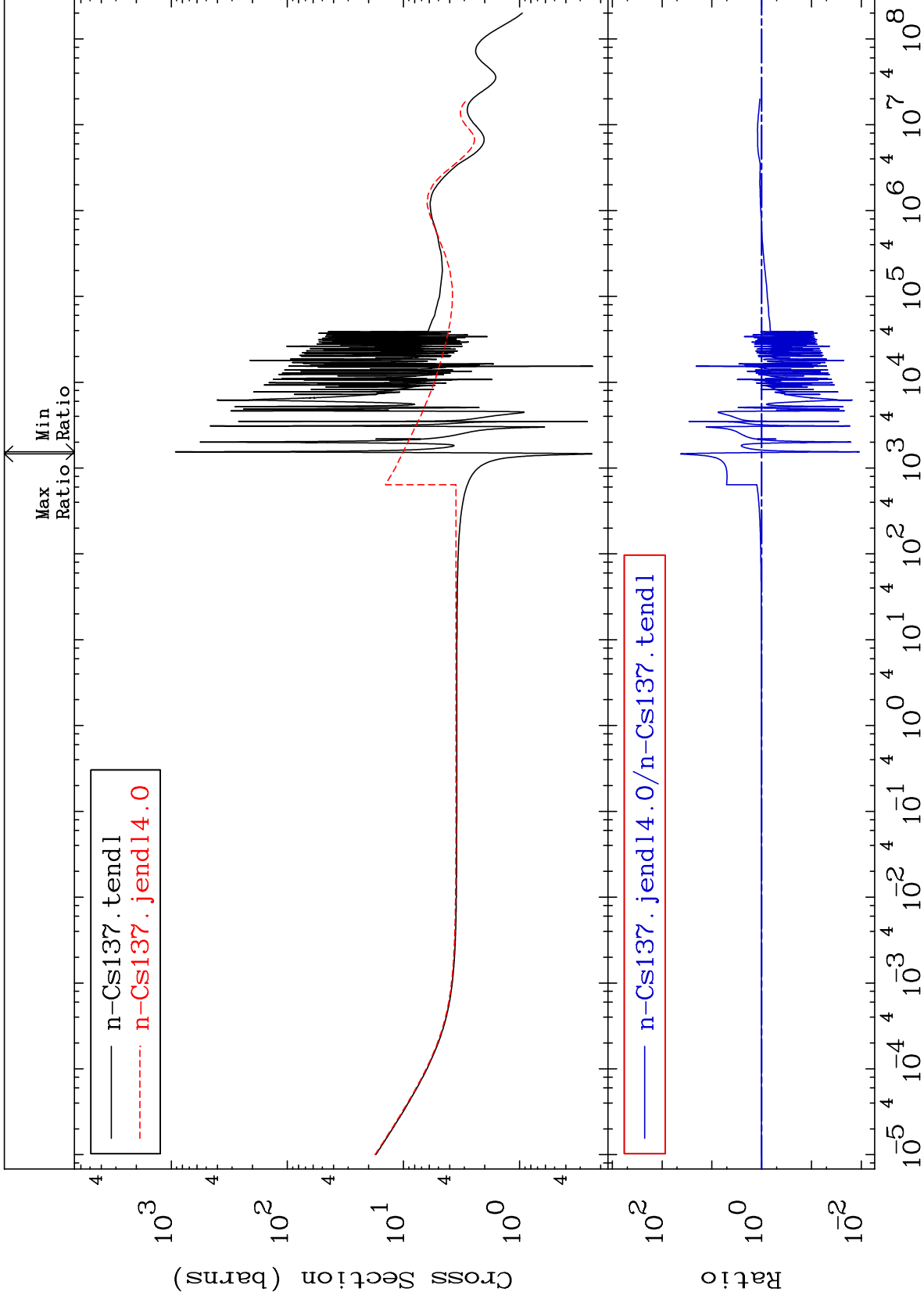
Incident Energy (eV)

55-Cs-137

MAT 5537

Elastic  
Cross Section

55-Cs-137  
-98.91 To 4197. %



Incident Energy (eV)

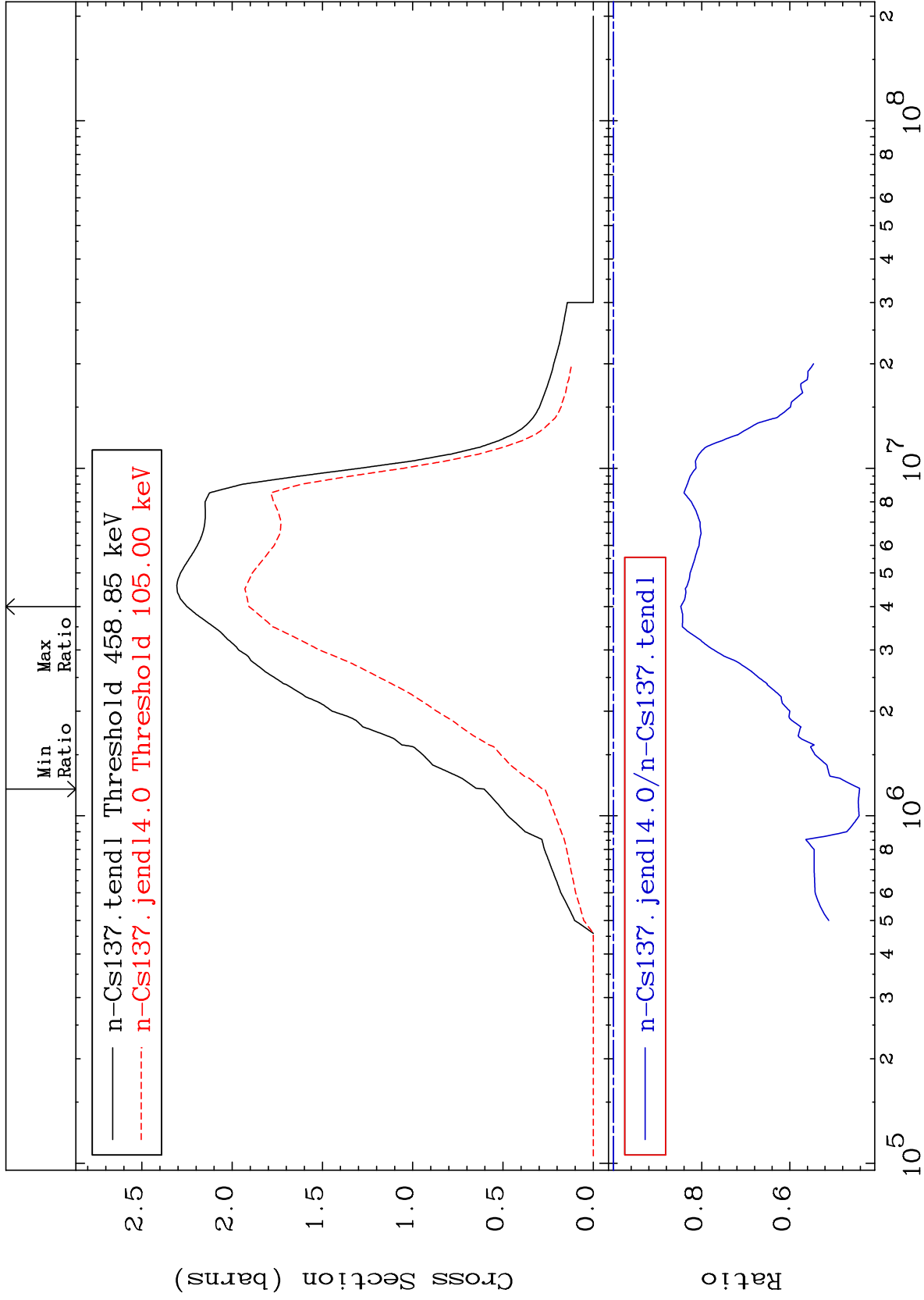
55-Cs-137

2

MAT 5537

Inelastic  
Cross Section

55-Cs-137  
-55.83 To -15.26%



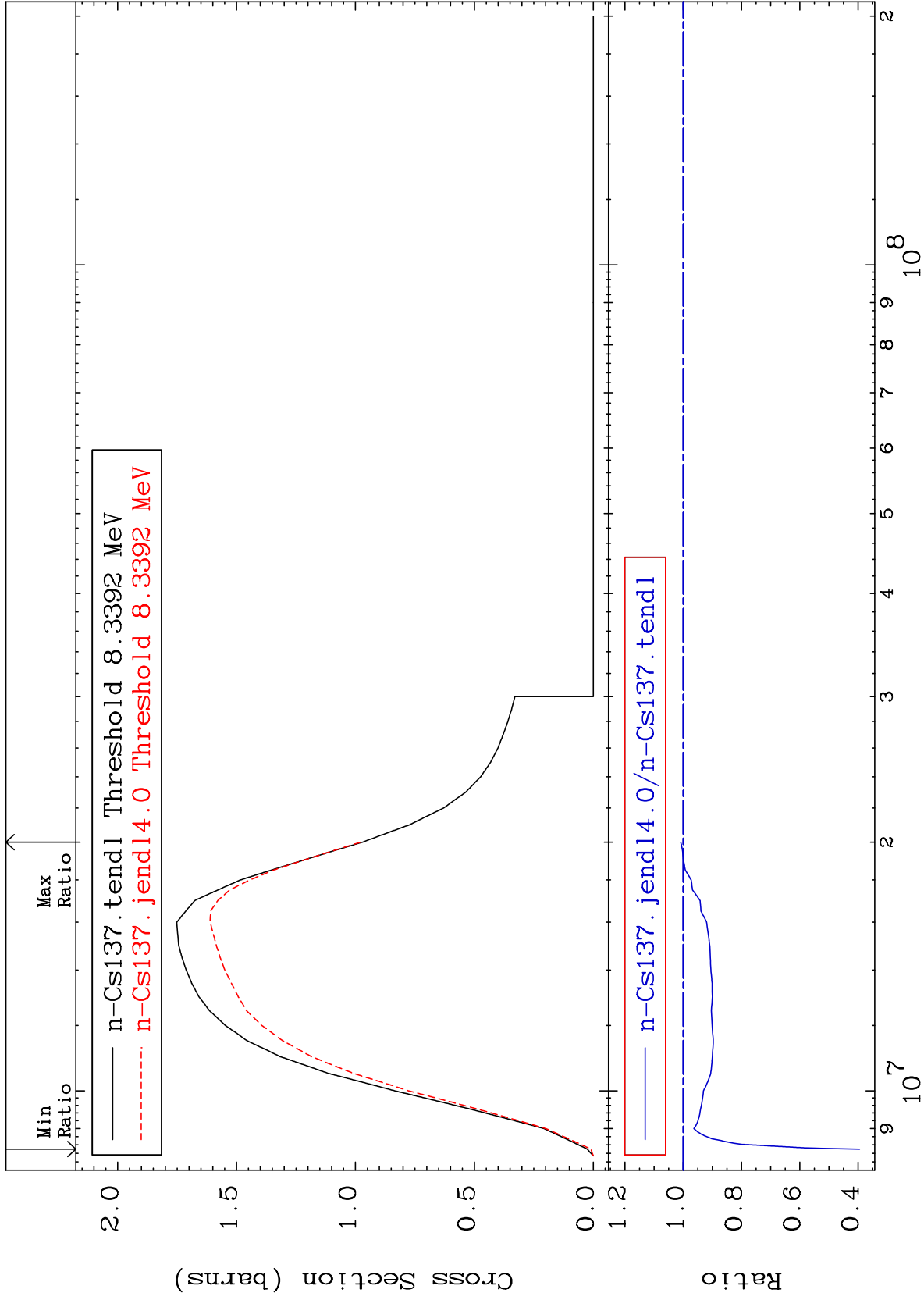
MAT 5537

(n,2n)

55-Cs-137

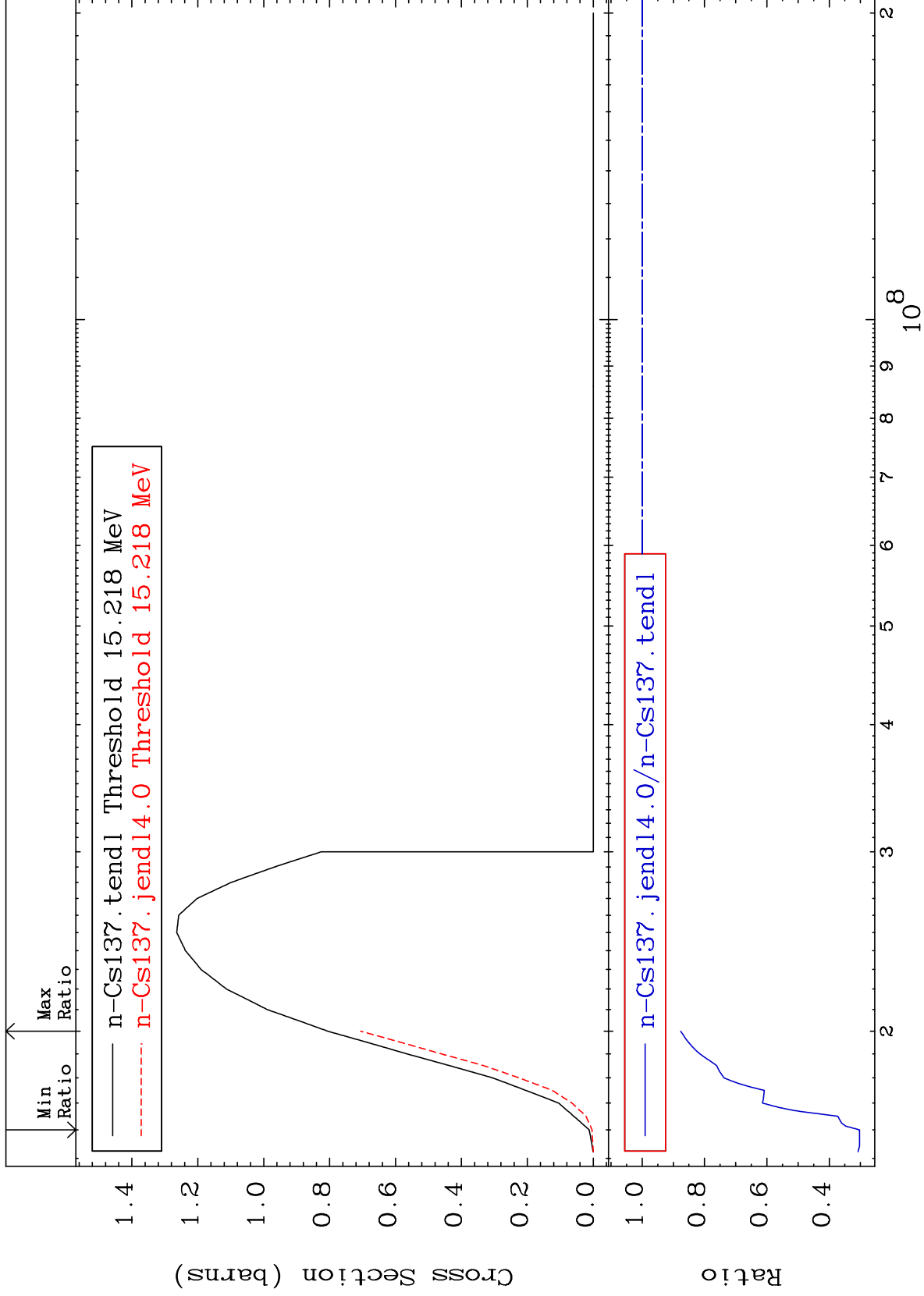
Cross Section

-60.49 To 0.849 %



Cross Section

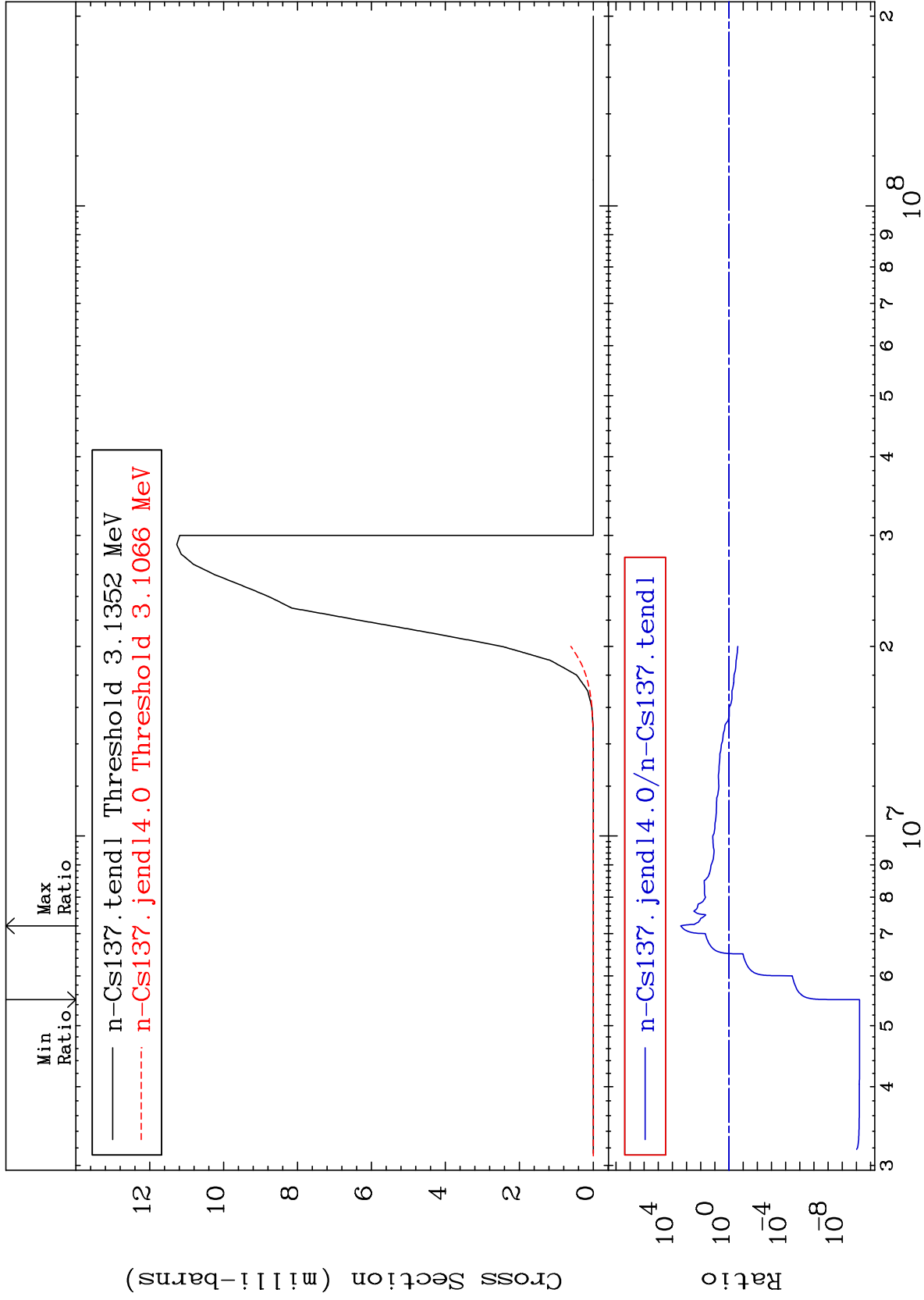
-69.71 To -12.38%

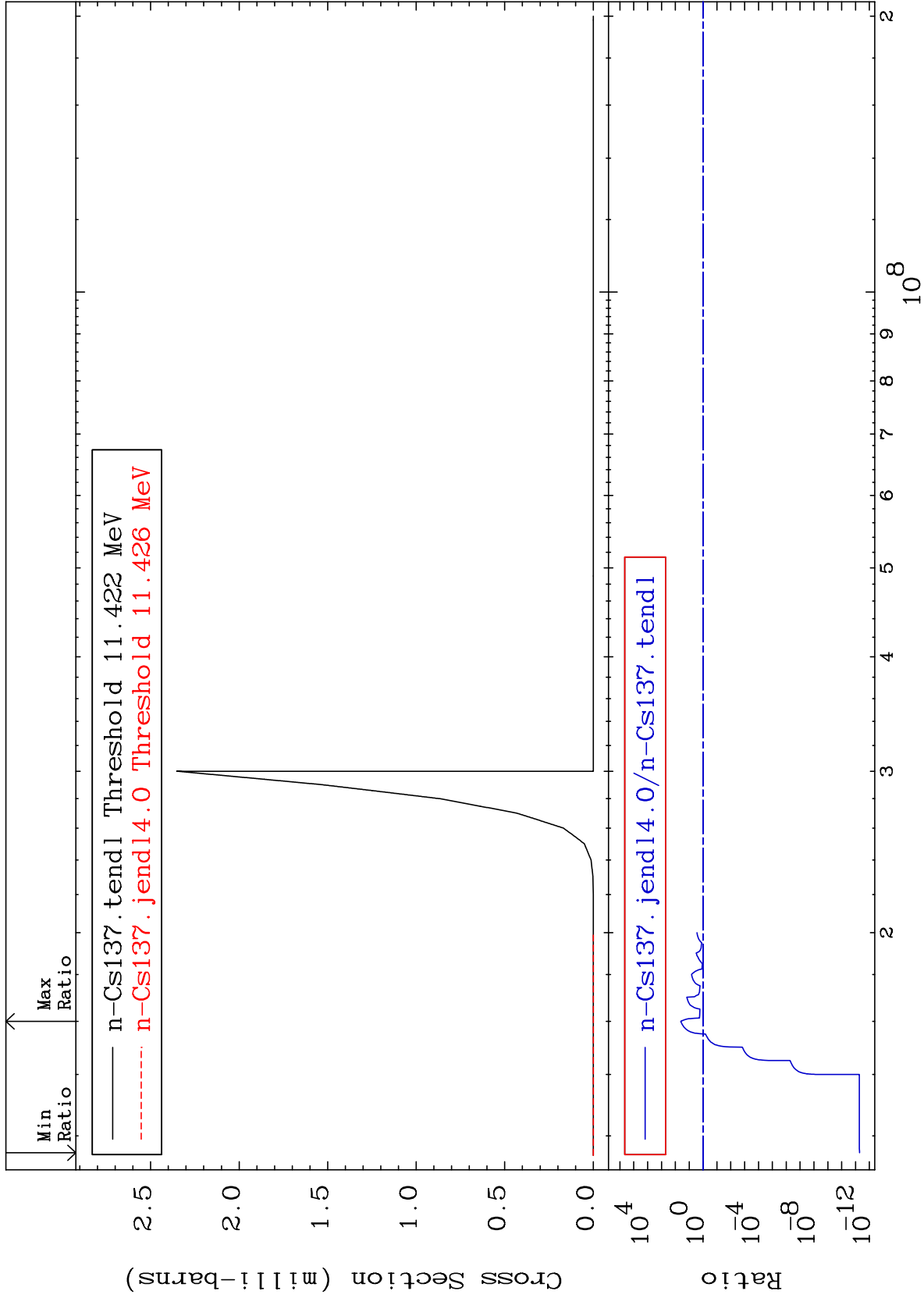


MAT 5537

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

55-Cs-137  
-100.0 To 9999. %

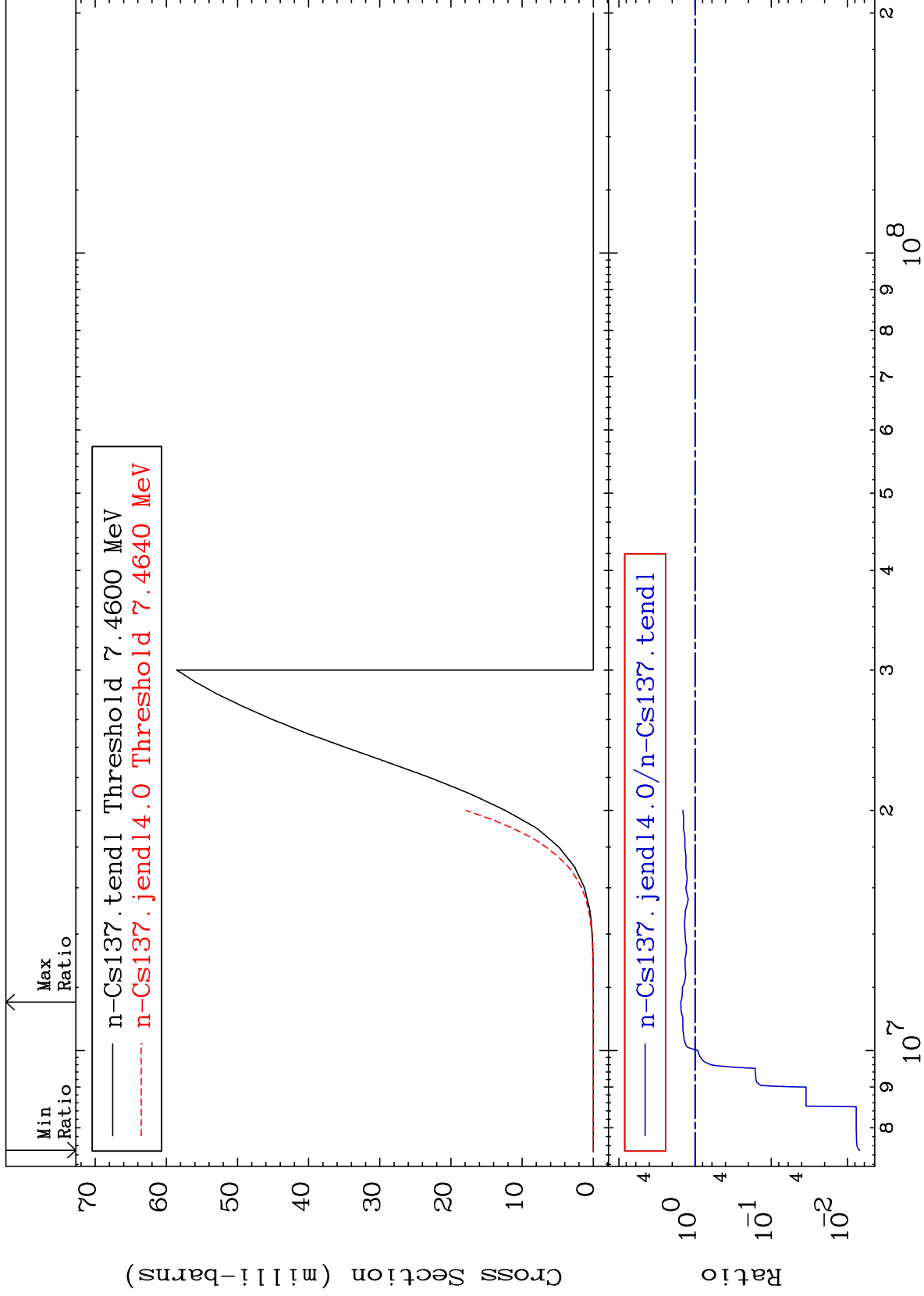




MAT 5537

(n,n') p  
Cross Section

55-Cs-137  
-99.30 To 54.16 %



8

Incident Energy (eV)

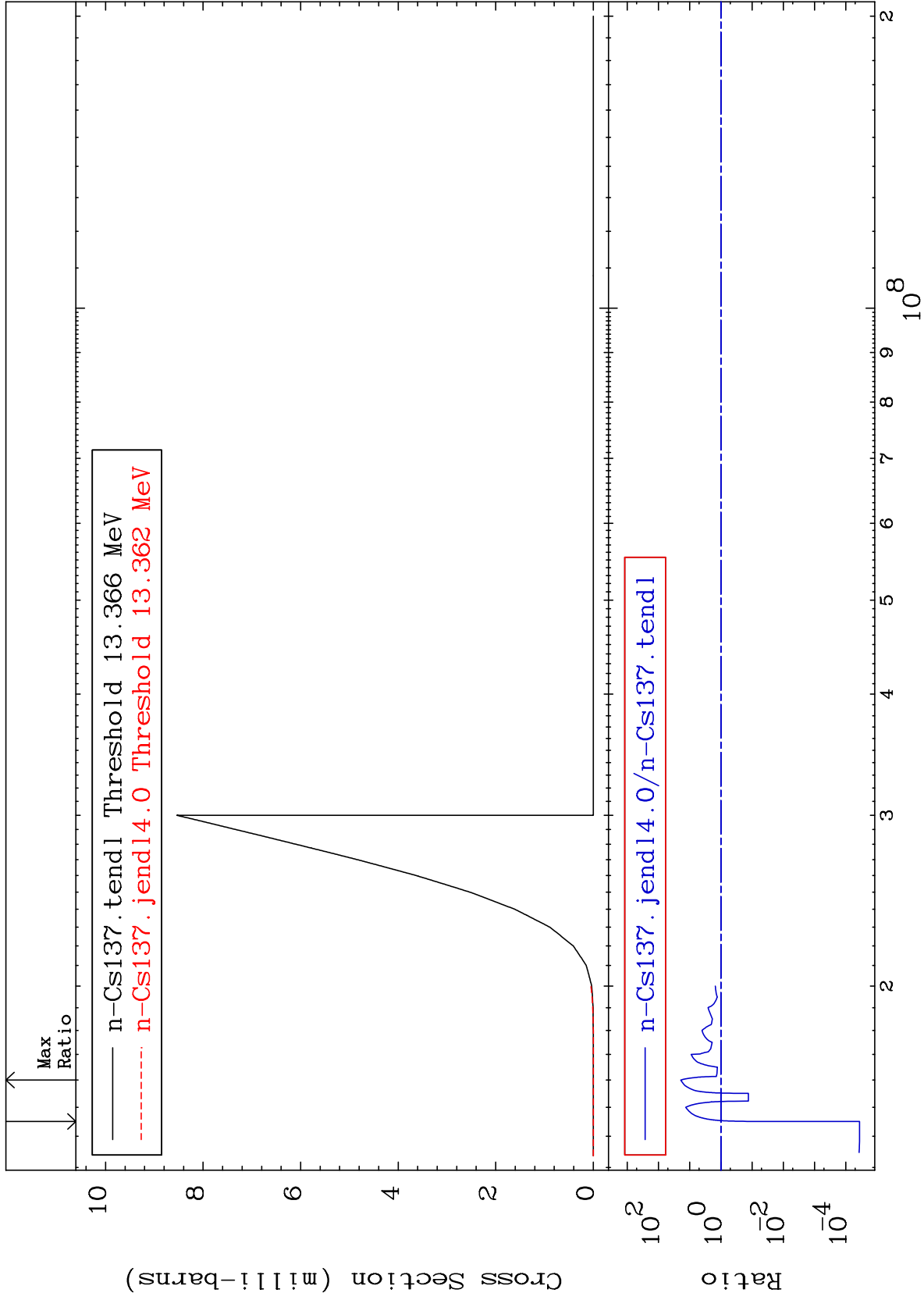
55-Cs-137



MAT 5537

(n,n') d  
Cross Section

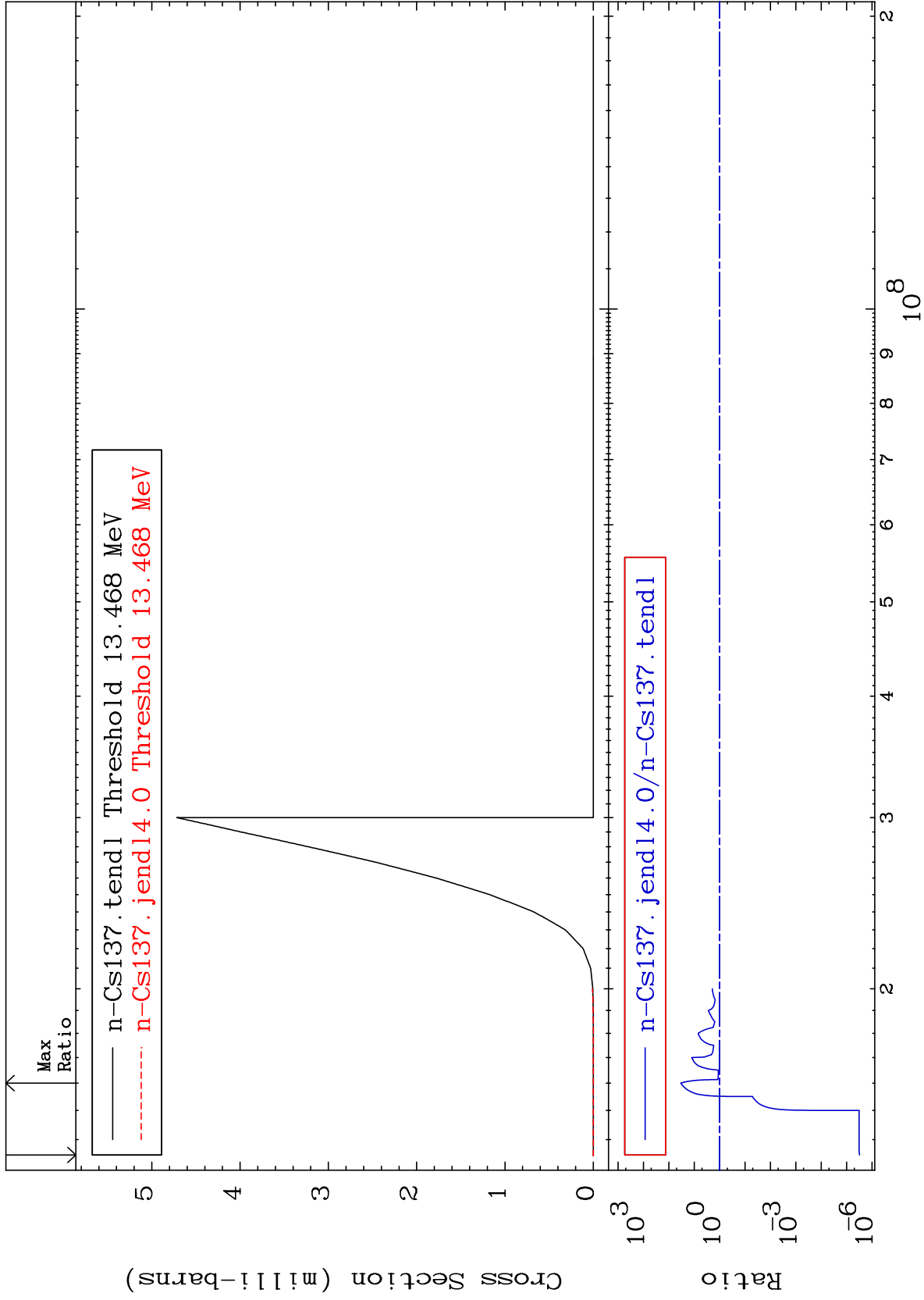
55-Cs-137  
-100.0 To 1828. %



MAT 5537

(n,n') t  
Cross Section

55-Cs-137  
-100.0 To 3303. %



10

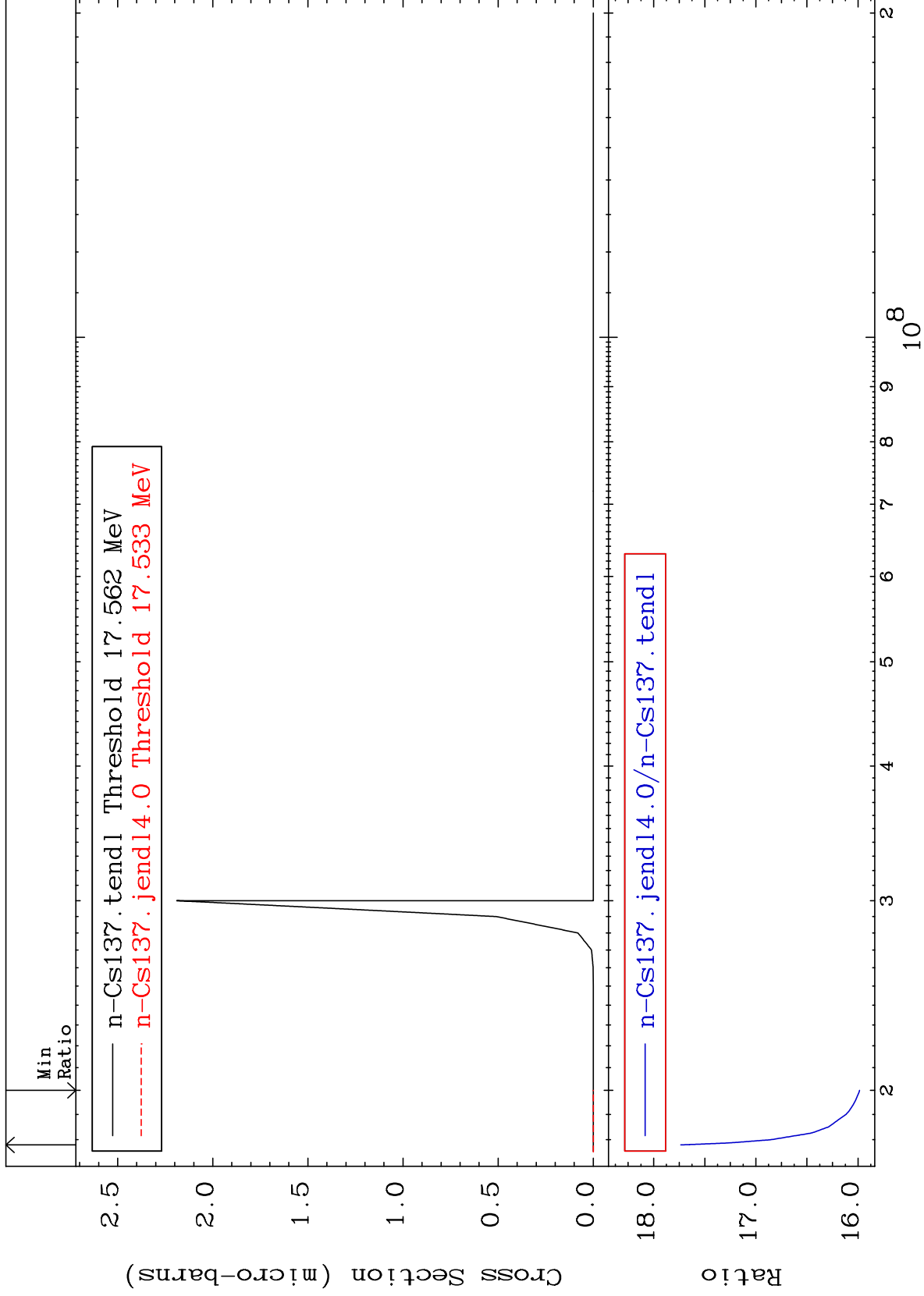
Incident Energy (eV)

55-Cs-137

MAT 5537

(n, n') He-3  
Cross Section

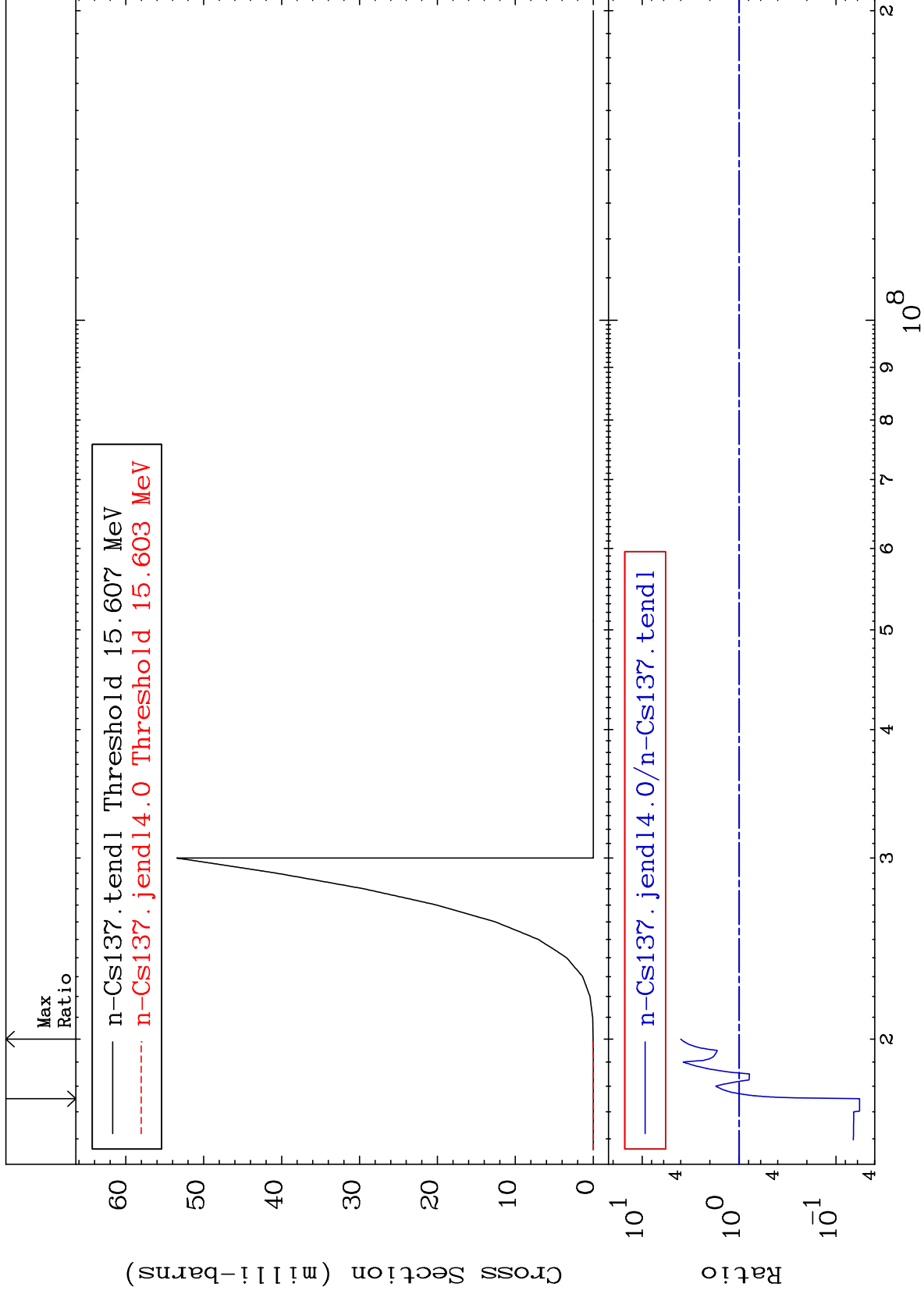
55-Cs-137  
-100.0 To -100.0%

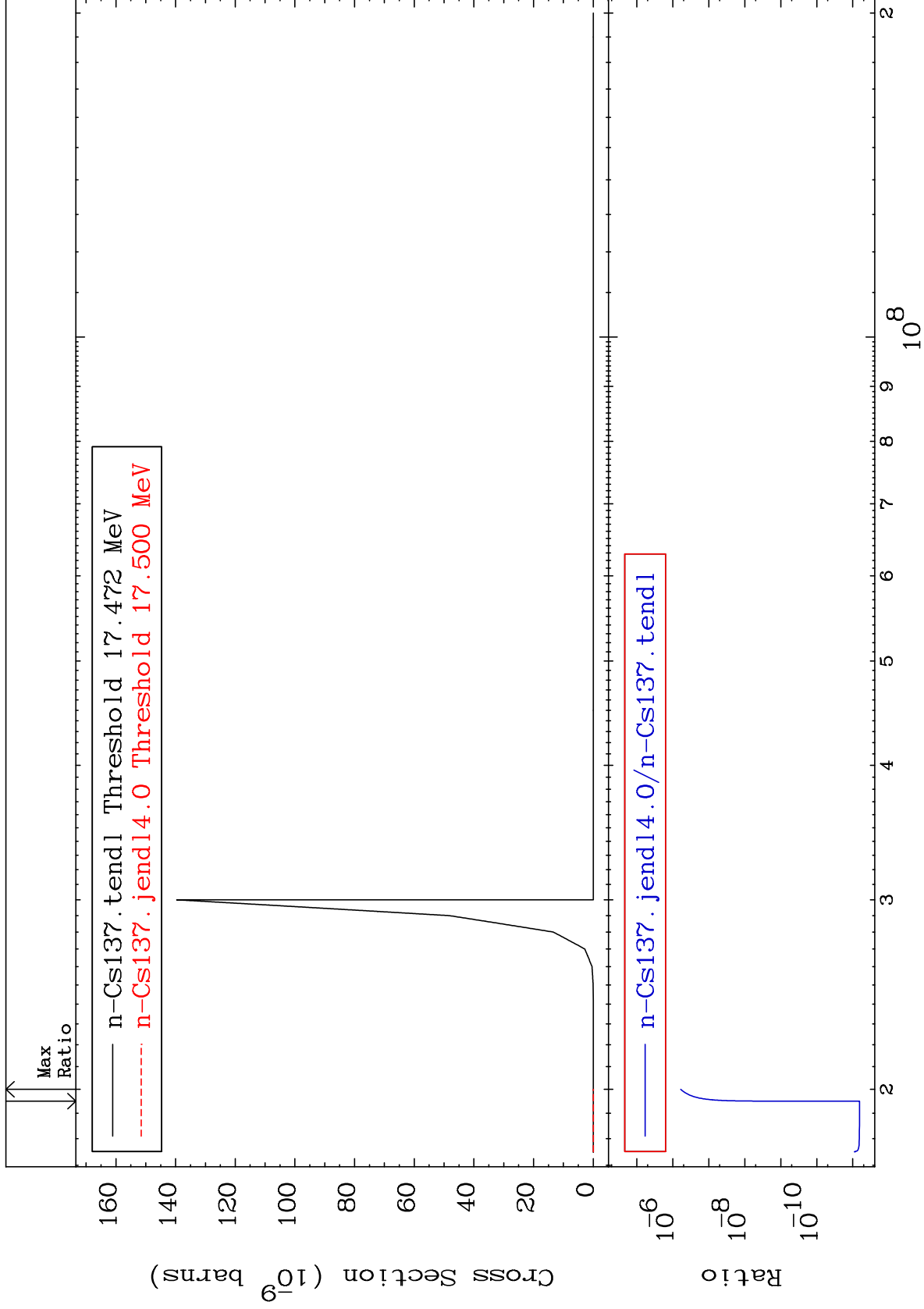


MAT 5537

(n,2n) p  
Cross Section

55-Cs-137  
-94.28 To 300.2 %

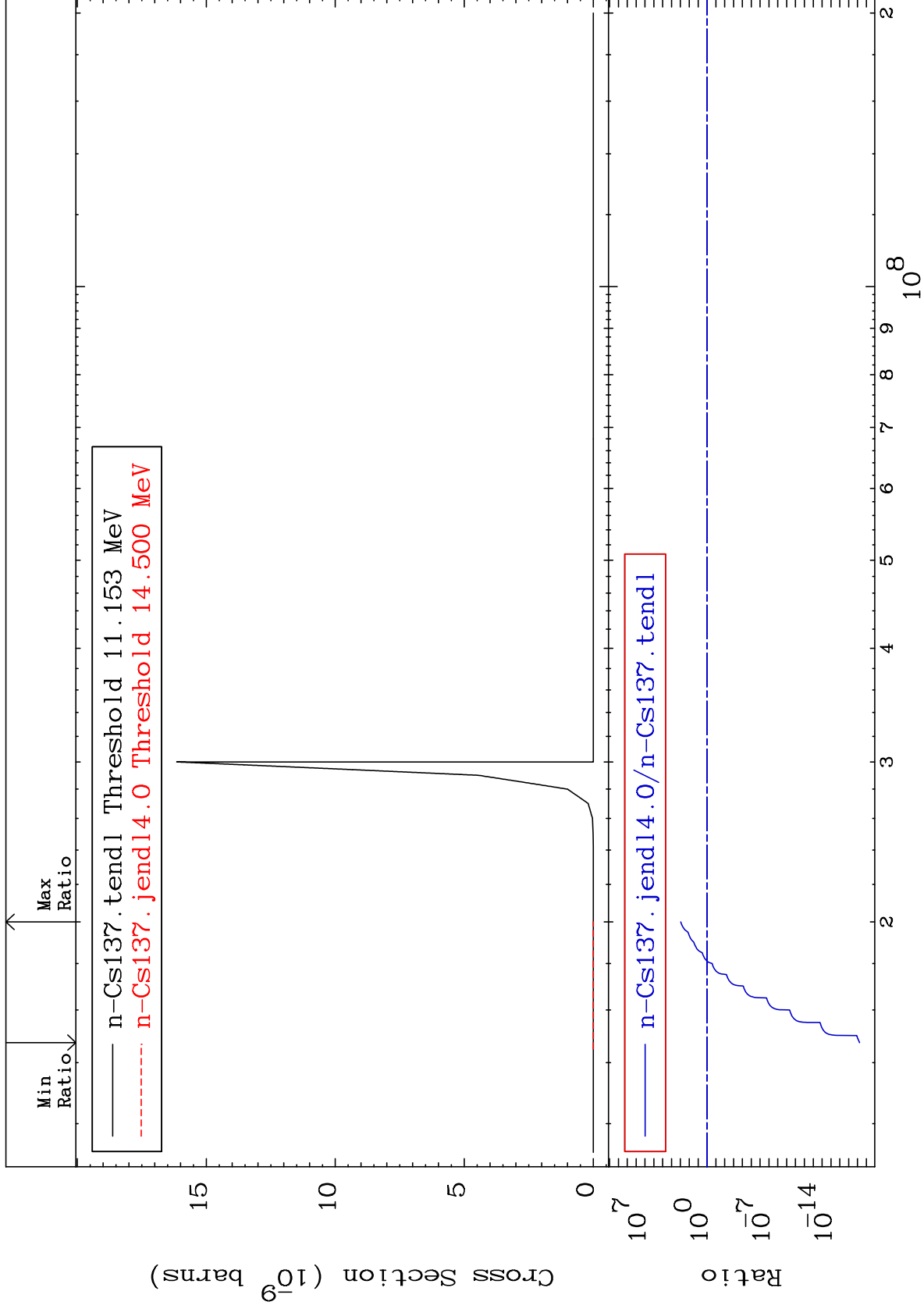




MAT 5537

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

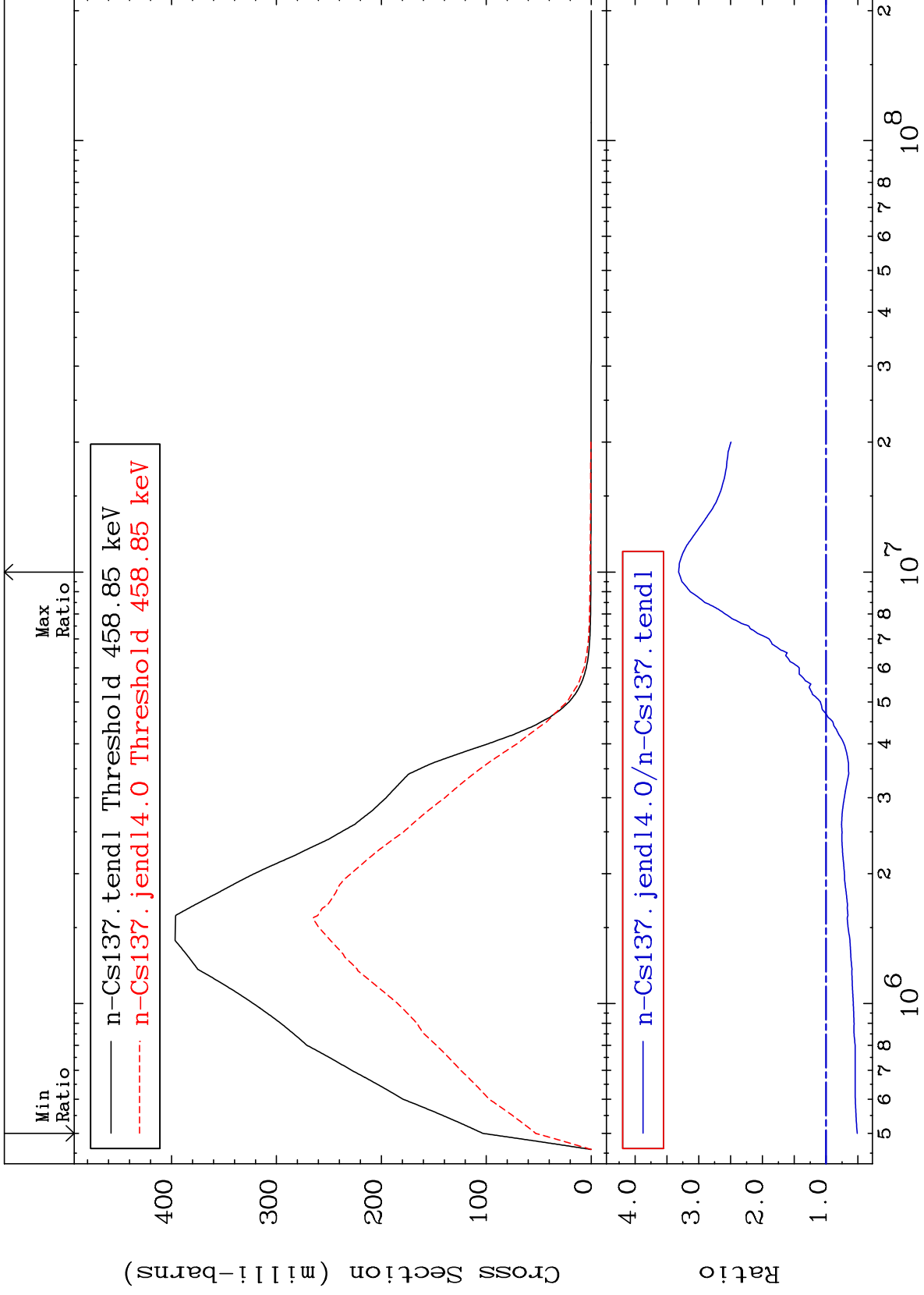
55-Cs-137  
-100.0 To 9999. %



MAT 5537

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

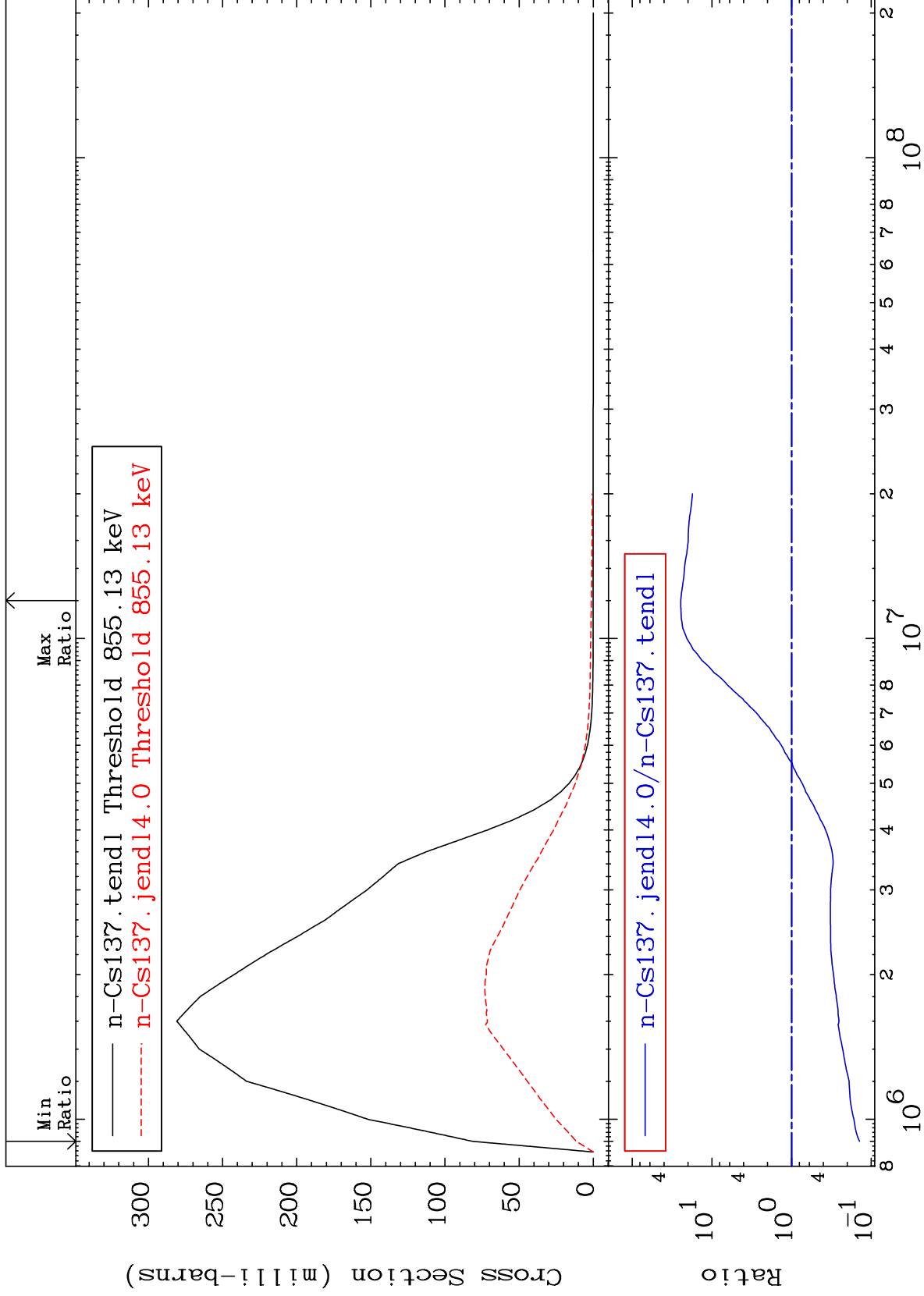
55-Cs-137  
-48.87 To 231.5 %



MAT 5537

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

55-Cs-137  
-85.96 To 2362. %



16

Incident Energy (eV)

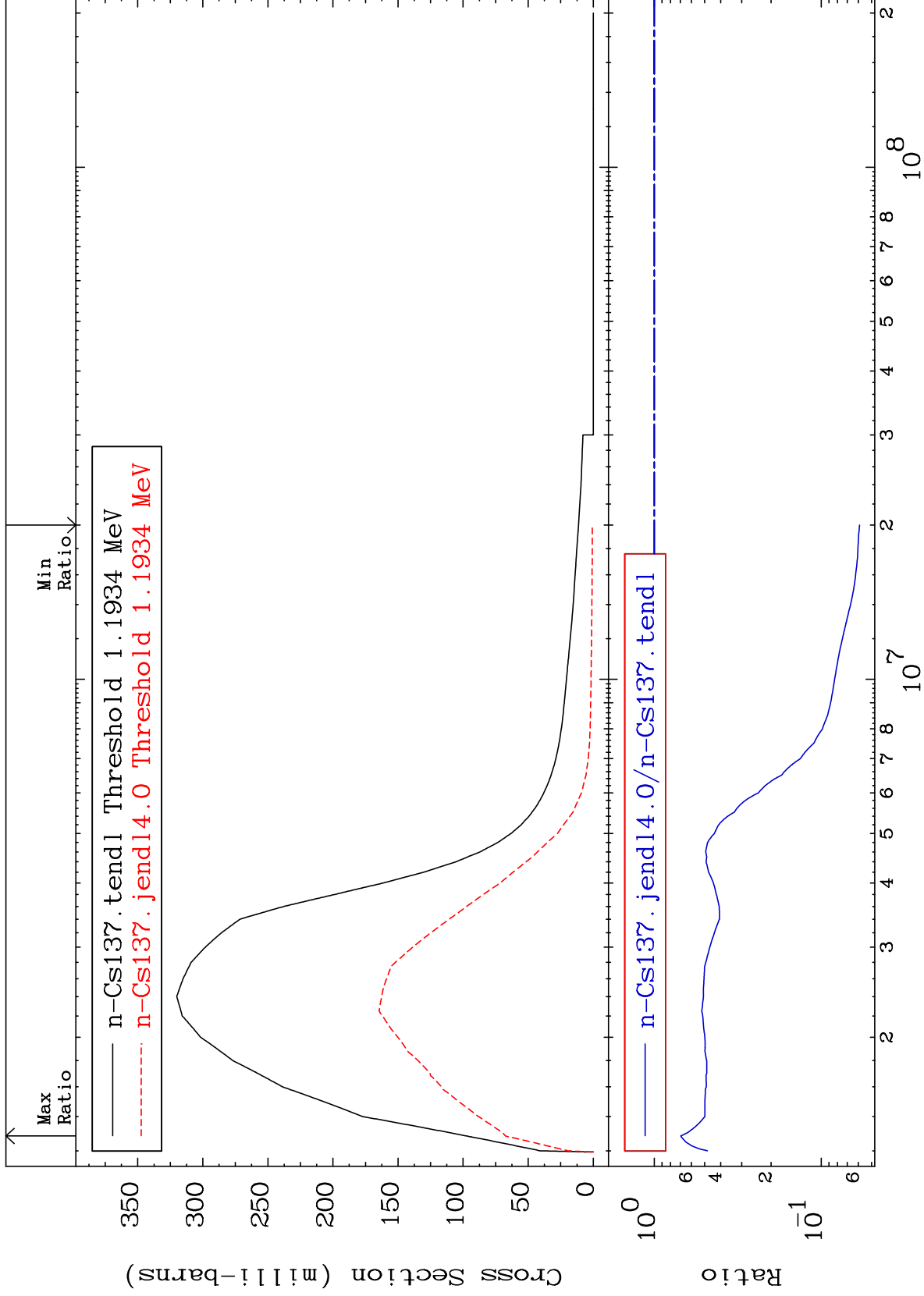
55-Cs-137



MAT 5537

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

55-Cs-137  
-94.10 To -30.54%



17

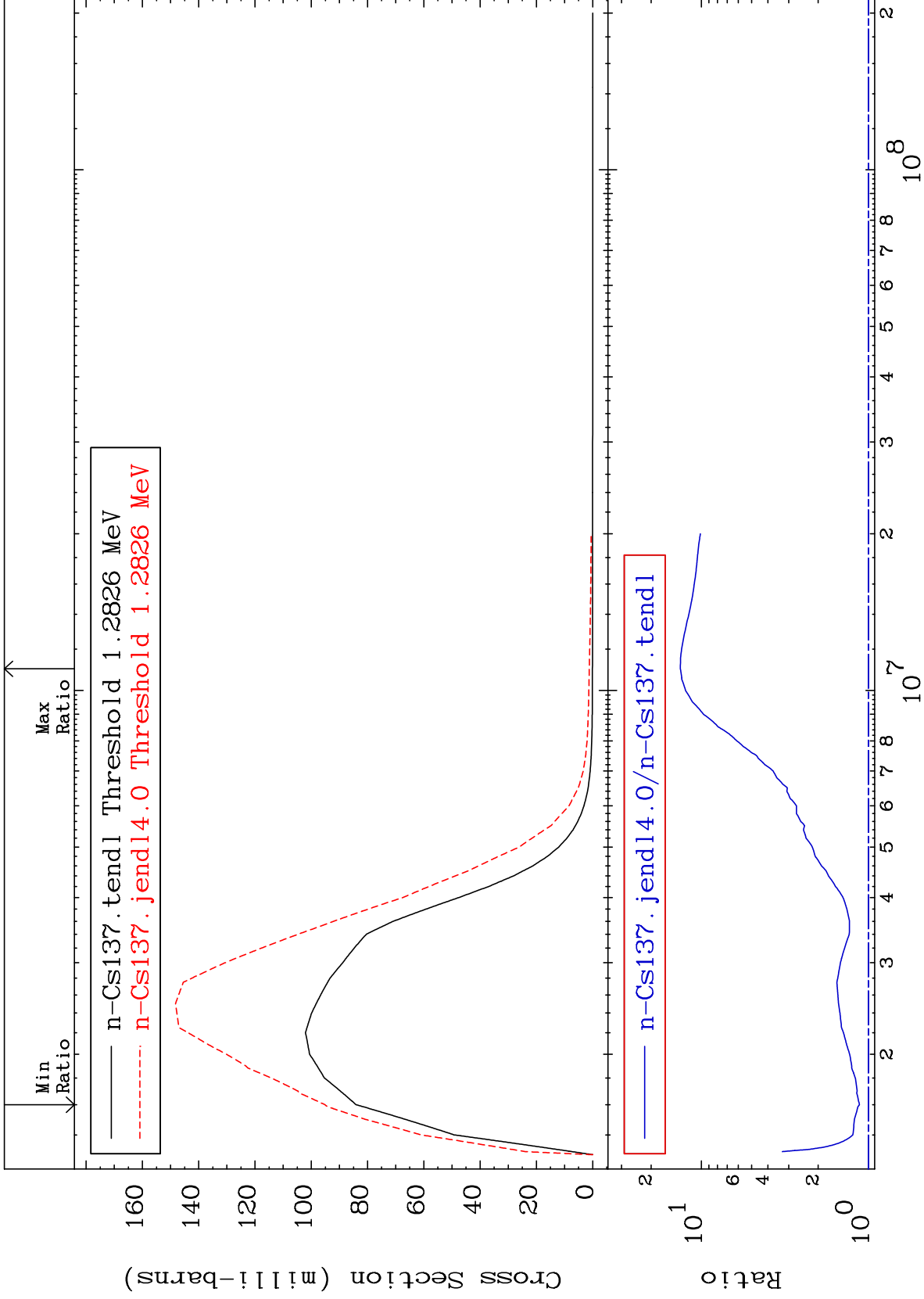
Incident Energy (eV)

55-Cs-137

MAT 5537

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

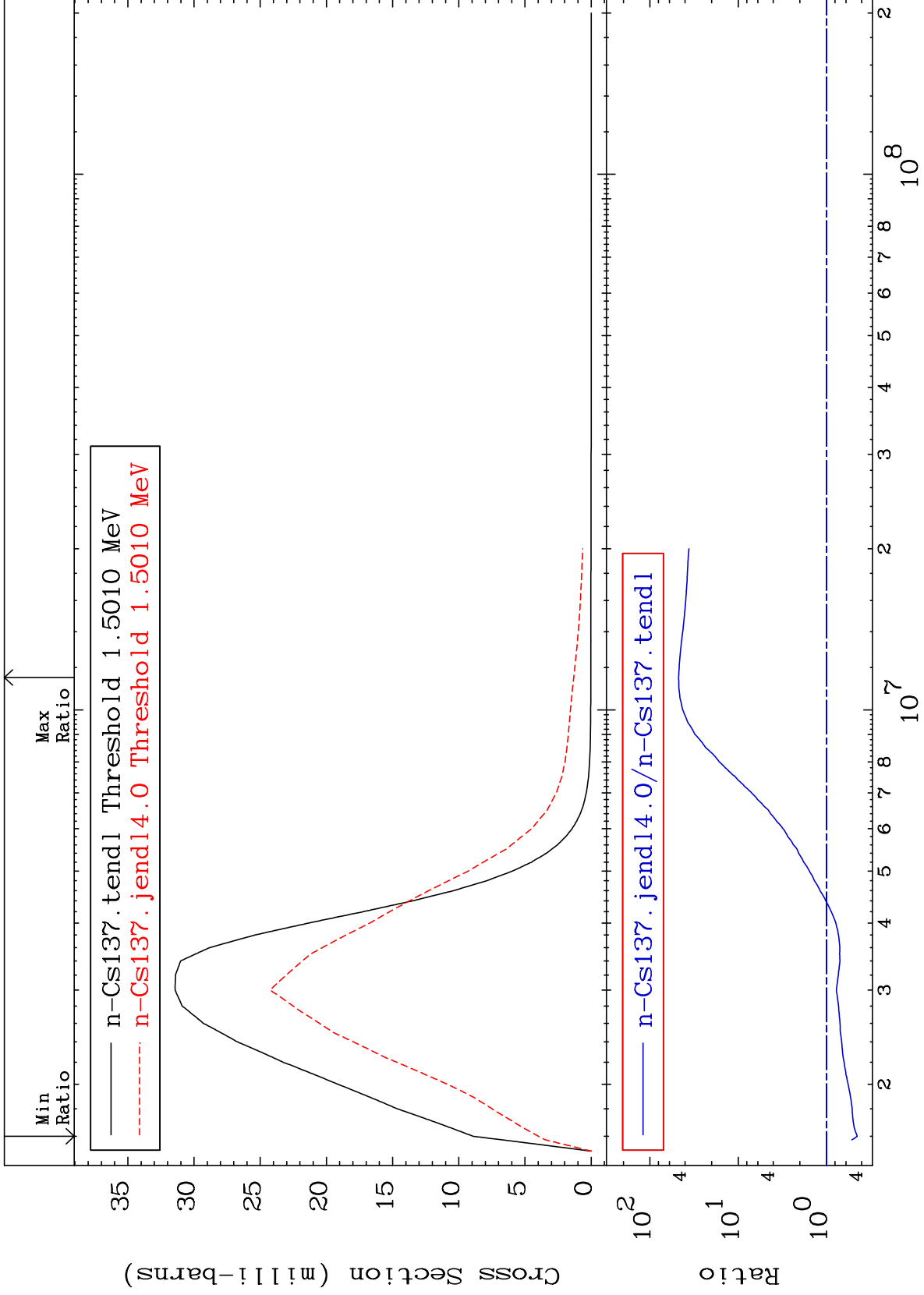
55-Cs-137  
13.14 To 1235. %

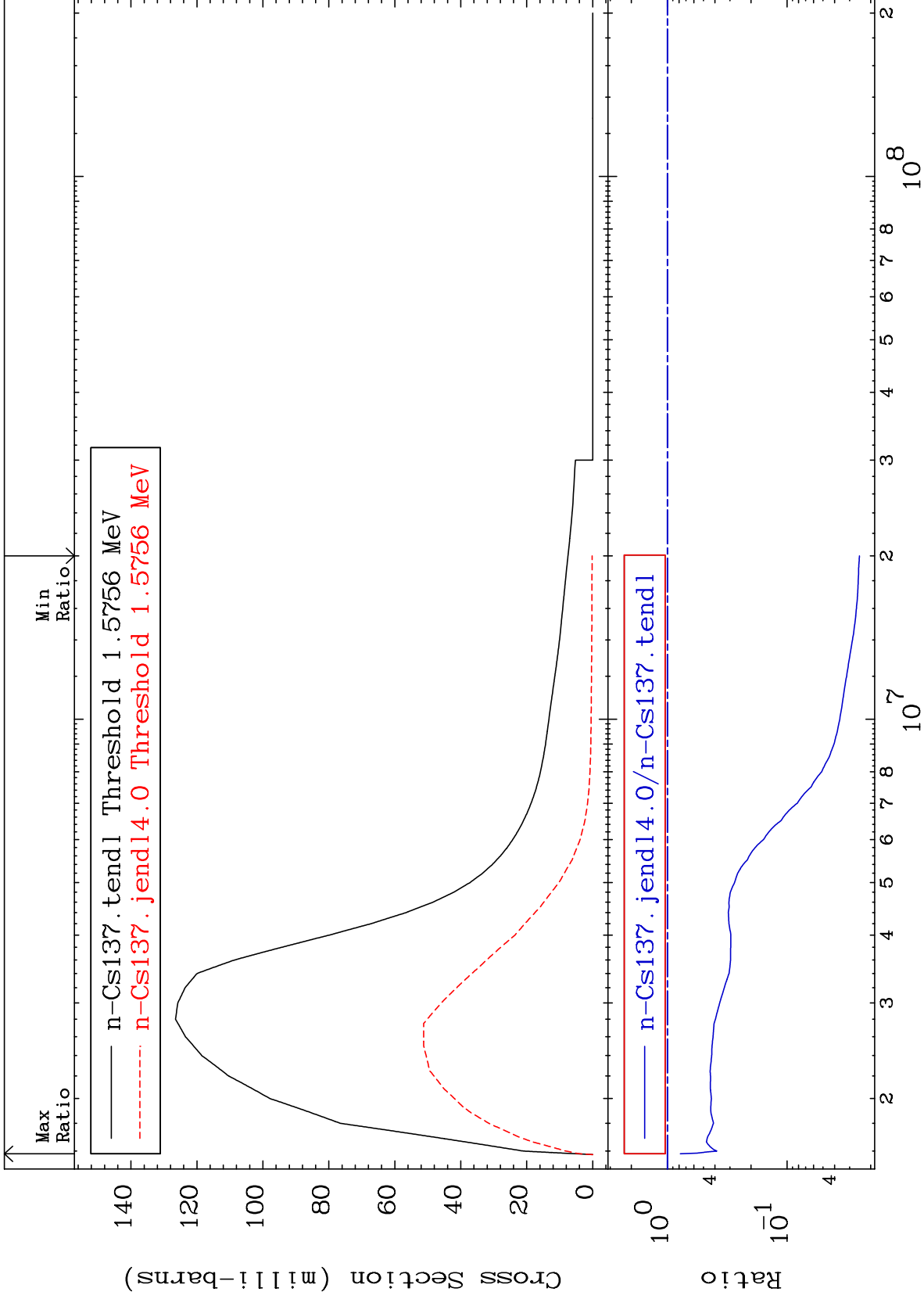


MAT 5537

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

55-Cs-137  
-55.25 To 4632. %

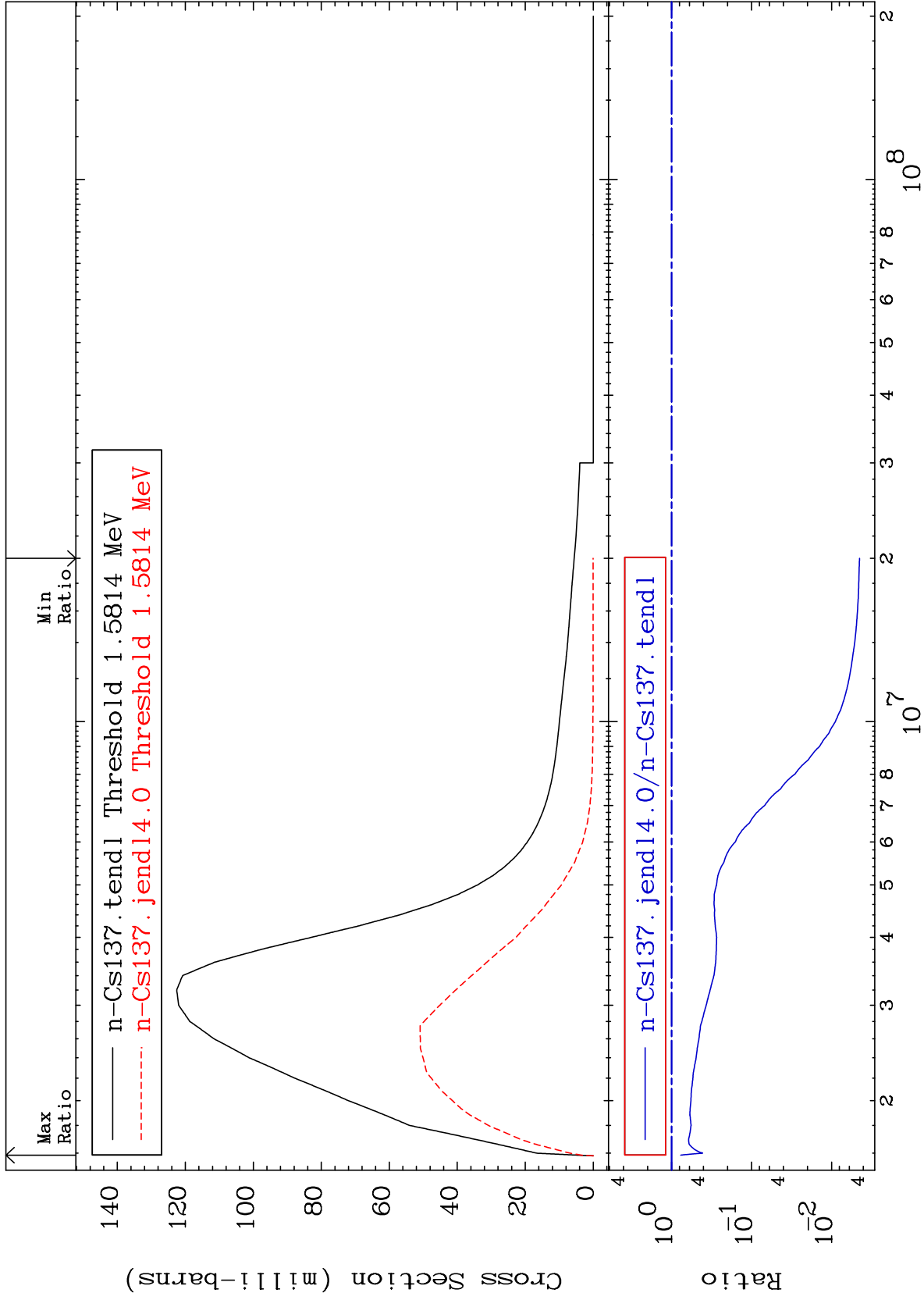




MAT 5537

MT= 57 (n, n') Level  
Cross Section

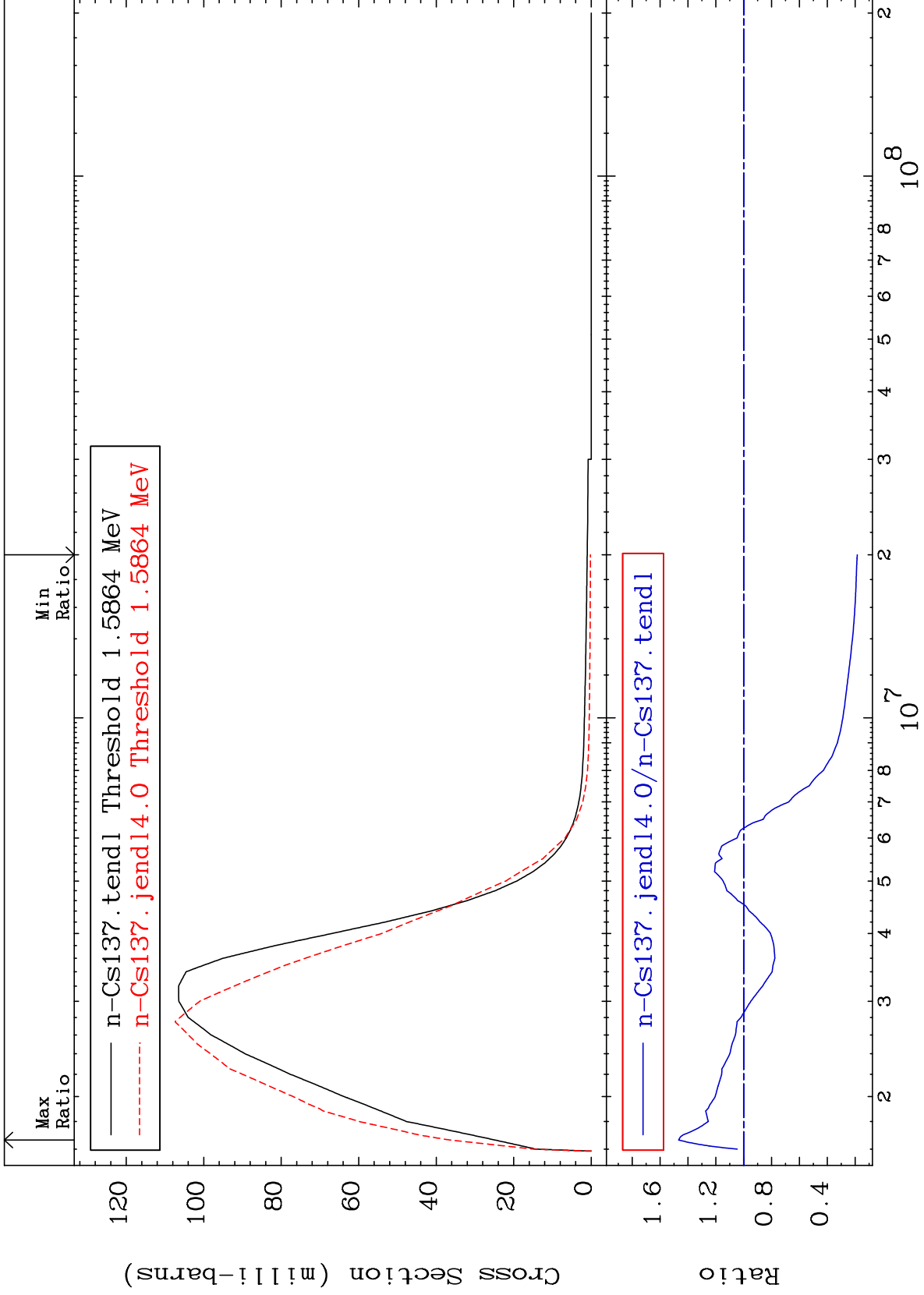
55-Cs-137  
-99.55 To -23.09%



MAT 5537

MT= 58 (n,n') Level  
Cross Section

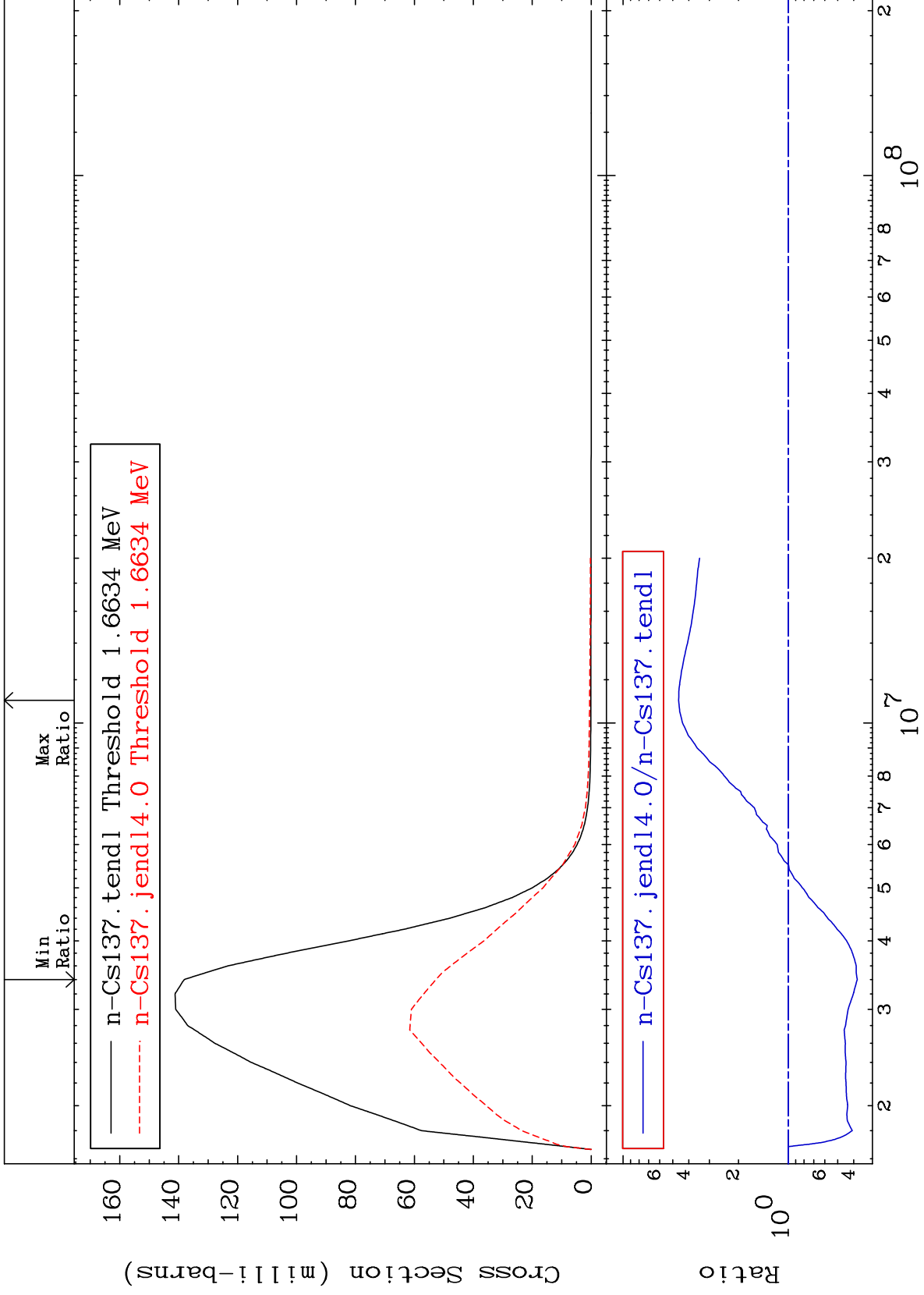
55-Cs-137  
-81.45 To 46.70 %

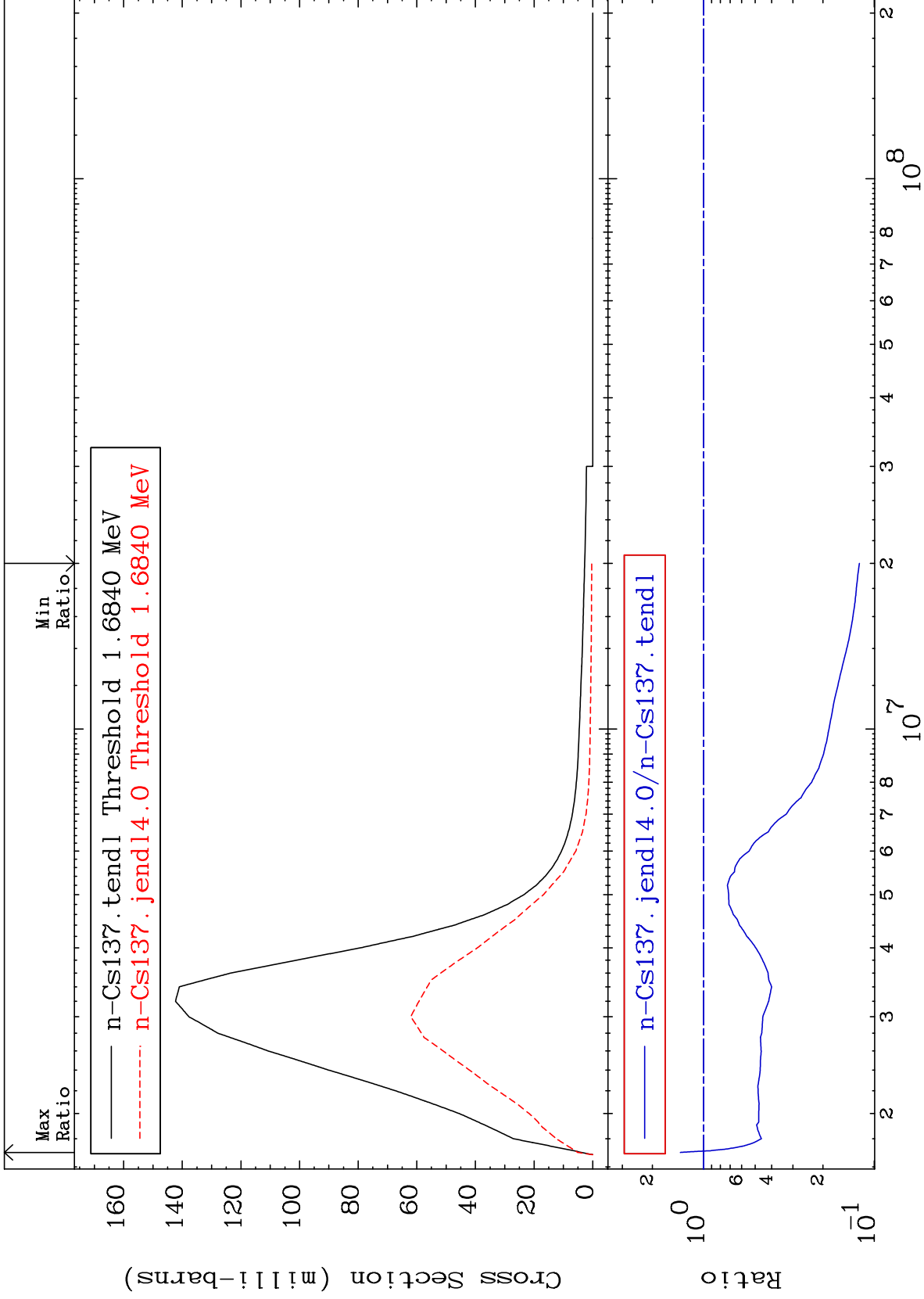


MAT 5537

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

55-Cs-137  
-61.89 To 360.7 %



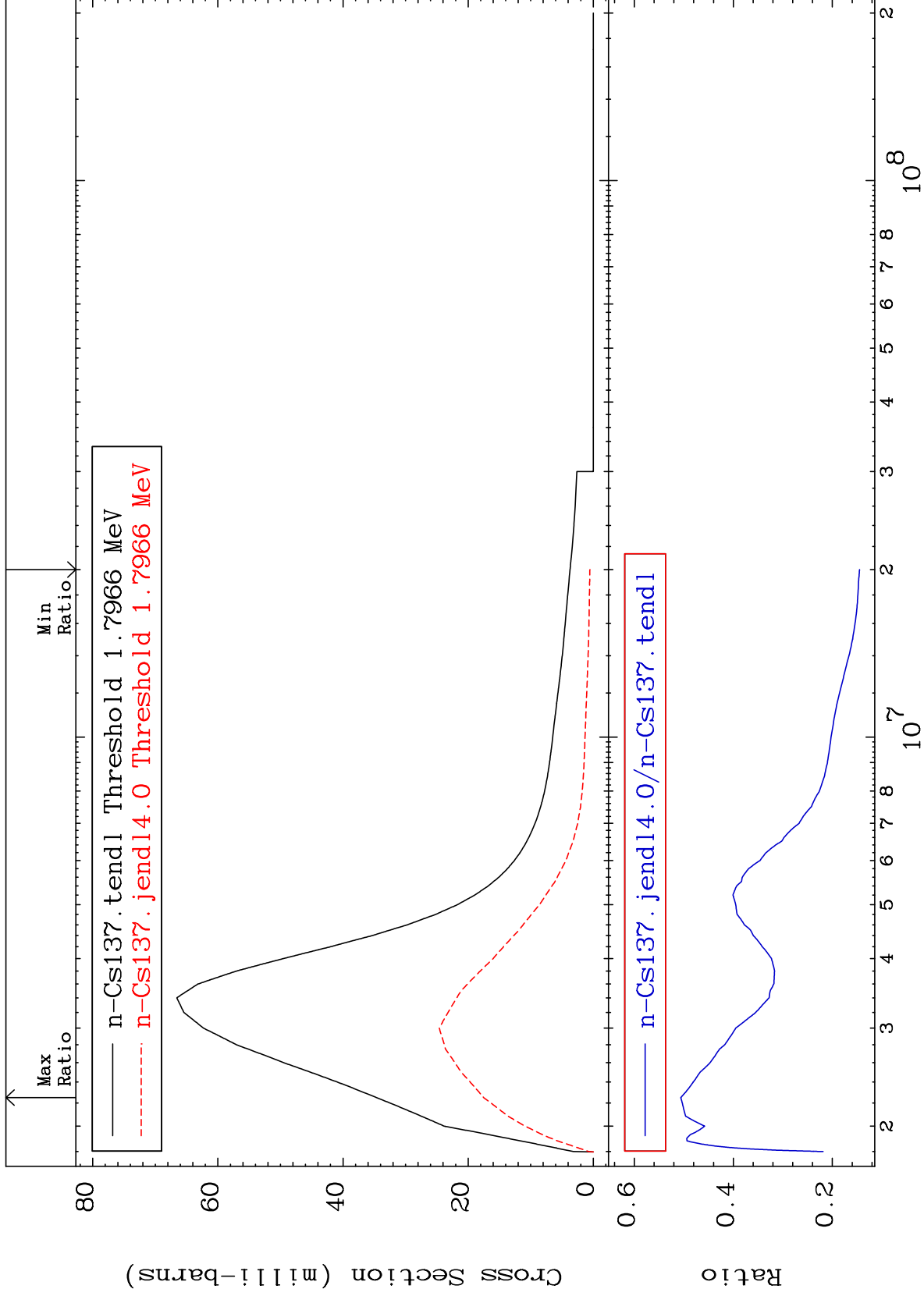




MAT 5537

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

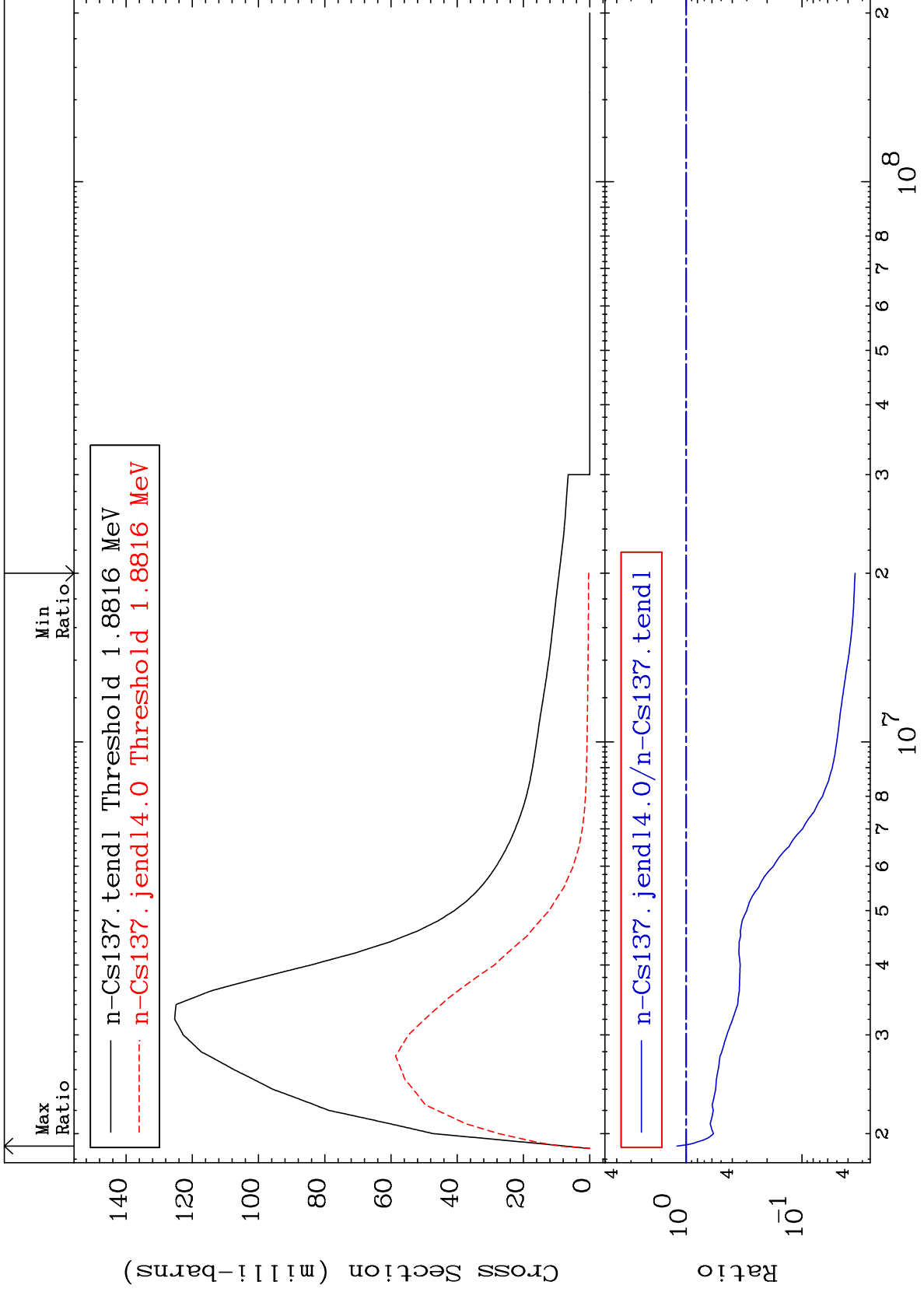
55-Cs-137  
-85.49 To -49.38%



MAT 5537

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

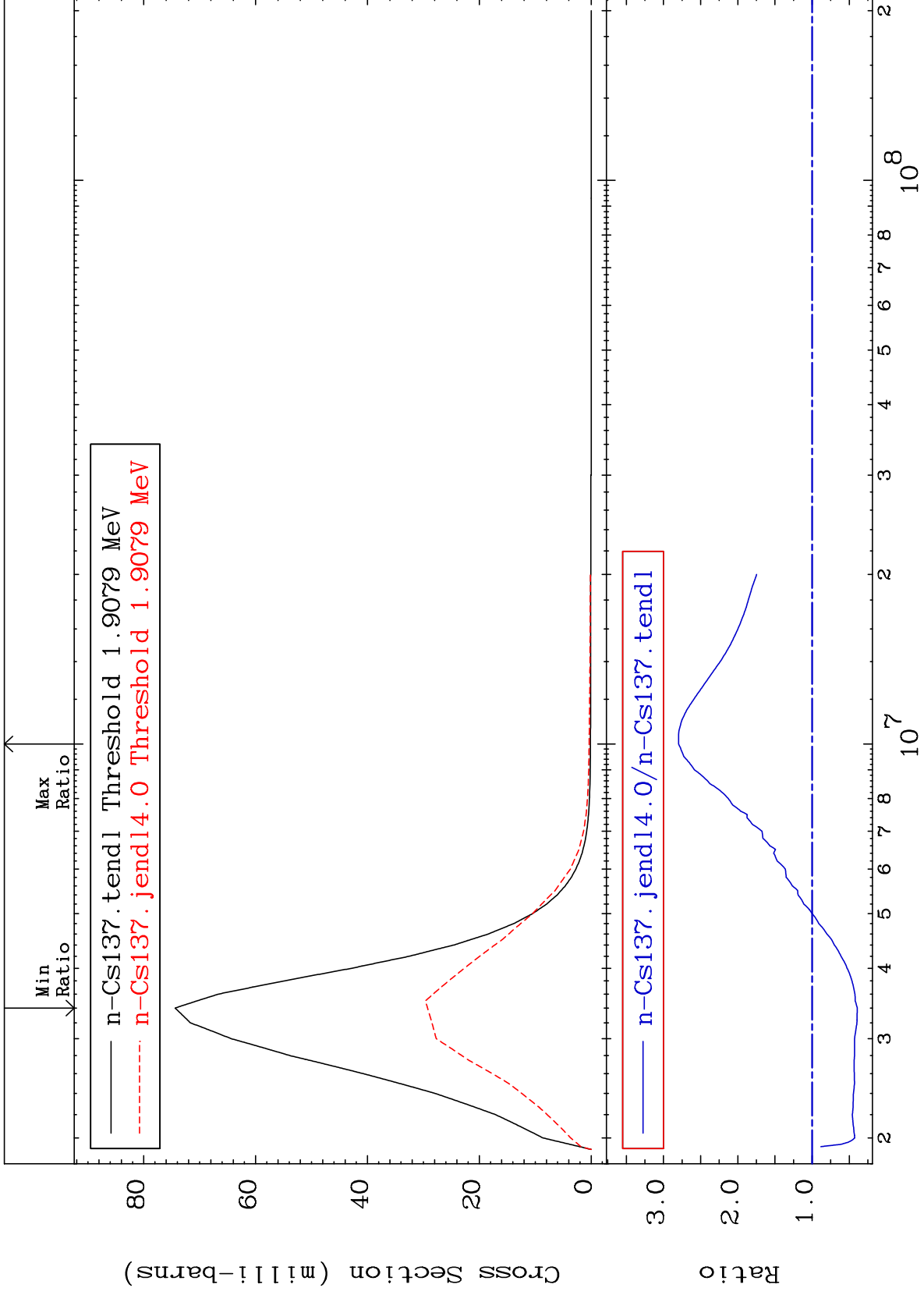
55-Cs-137  
-96.53 To 20.48 %



MAT 5537

MT= 63 (n,n') Level  
Cross Section

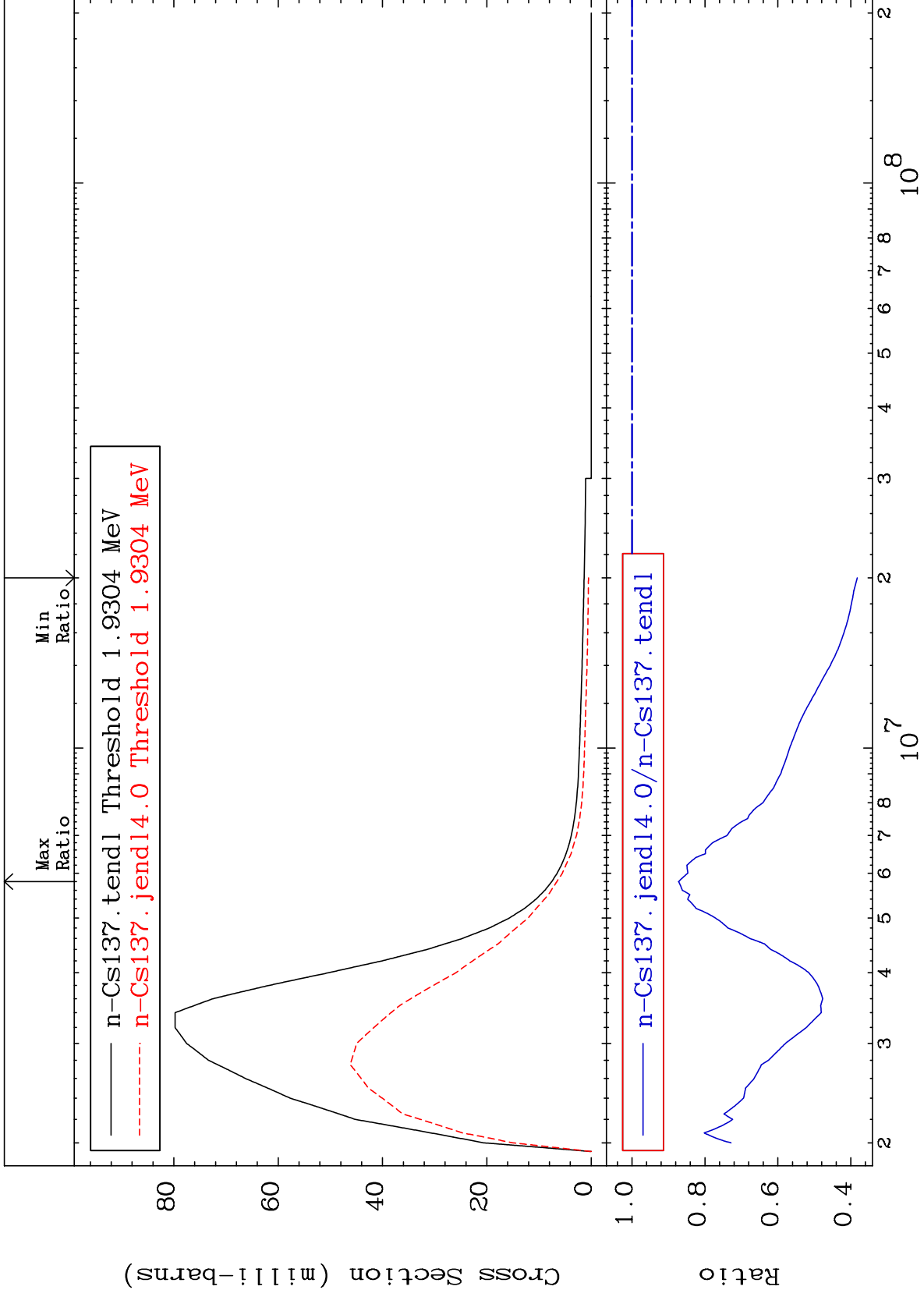
55-Cs-137  
-60.68 To 179.6 %



MAT 5537

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

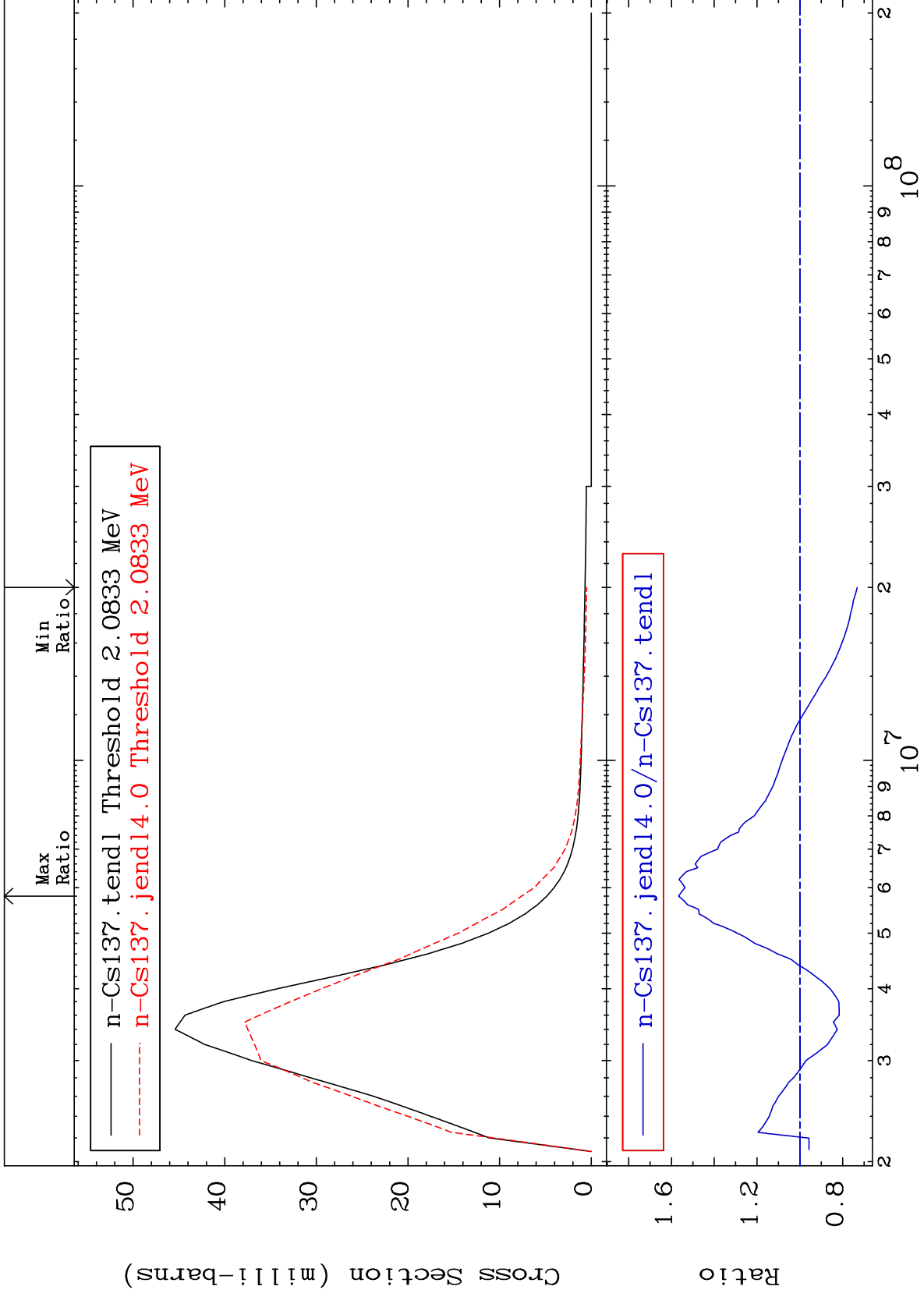
55-Cs-137  
-61.76 To -12.80%



MAT 5537

MT= 65 (n,n') Level  
Cross Section

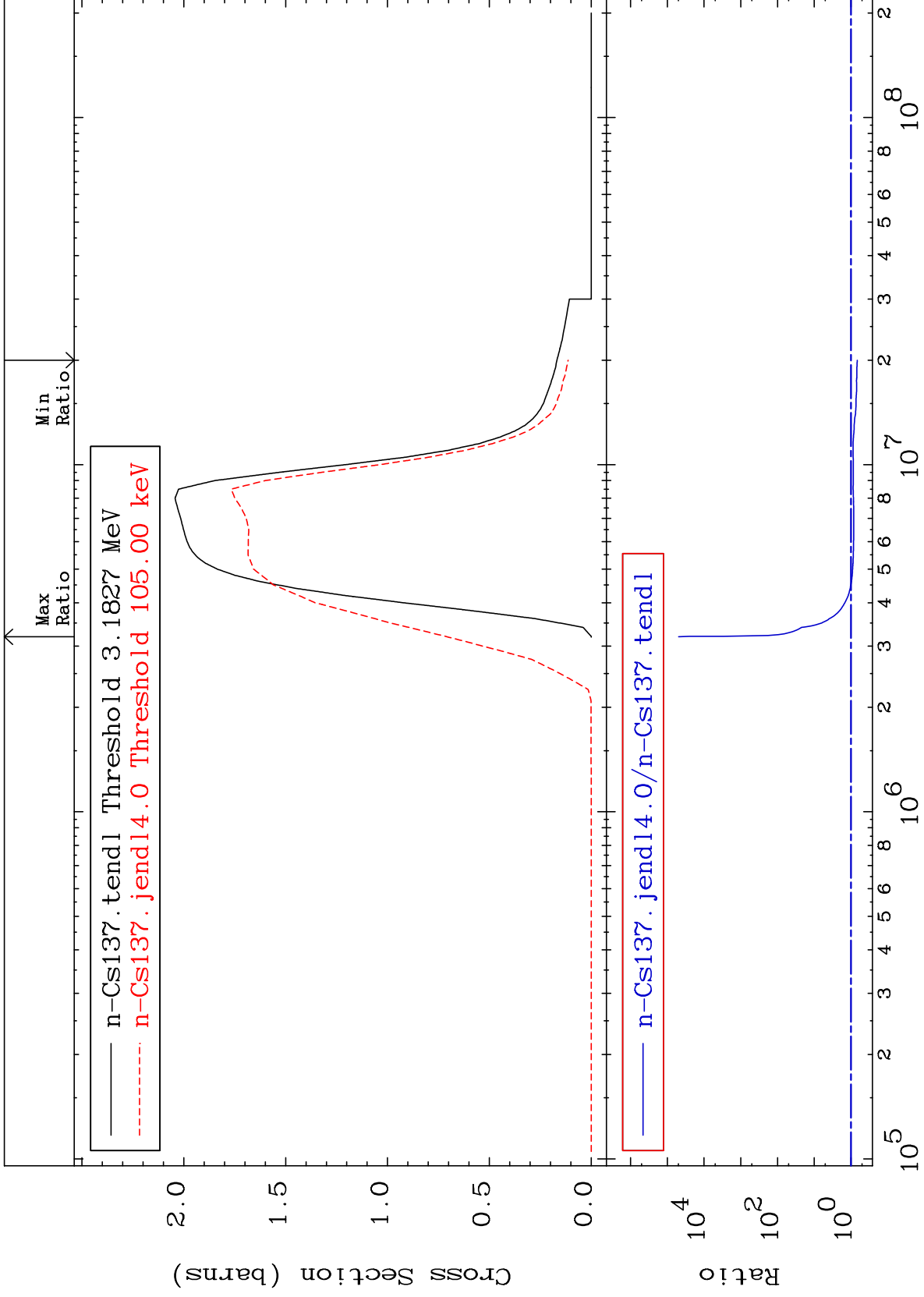
55-Cs-137  
-26.81 To 56.64 %



MAT 5537

(n, n') Continuum  
Cross Section

55-Cs-137  
-32.53 To 9999. %



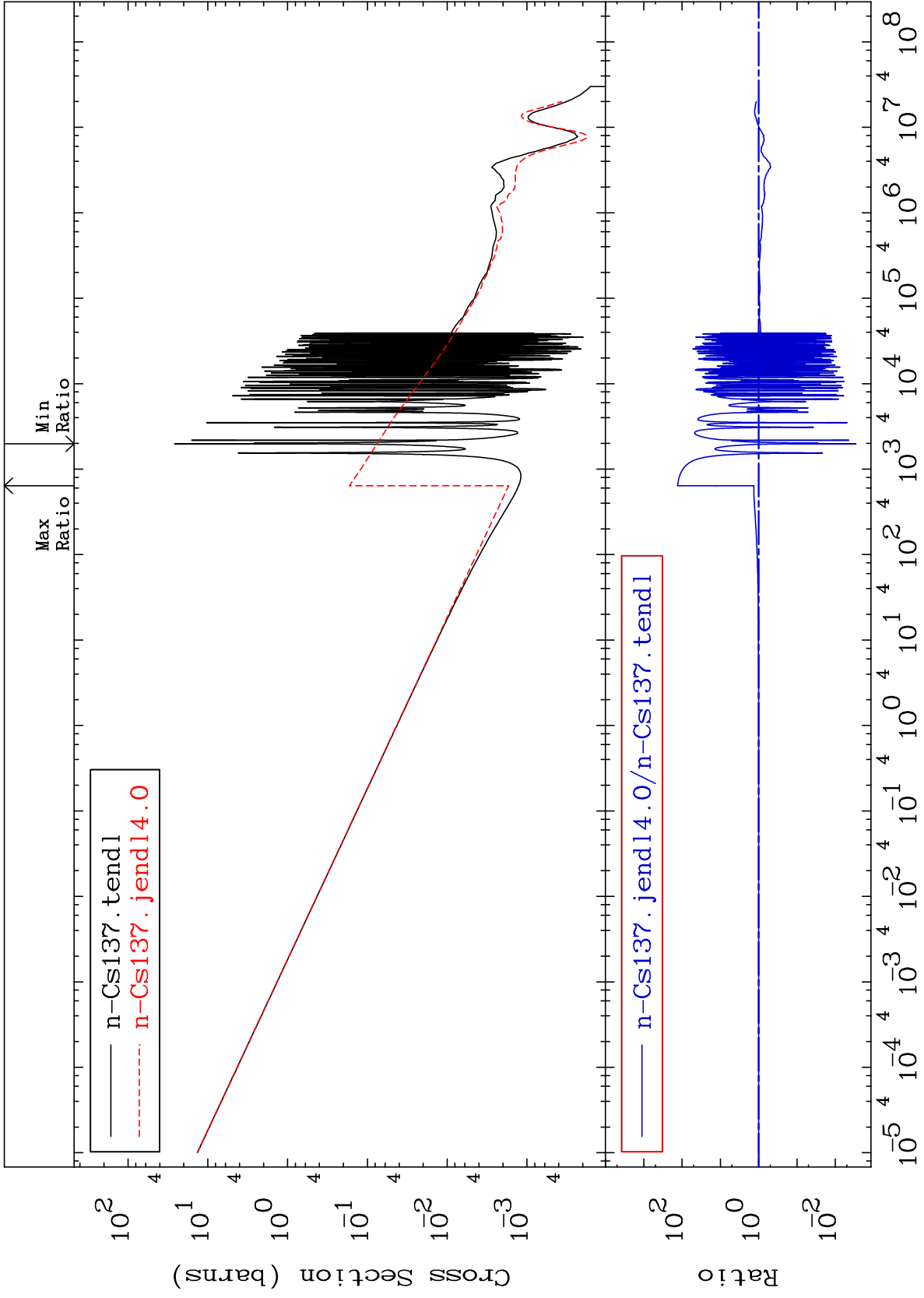
30

Incident Energy (eV)

55-Cs-137

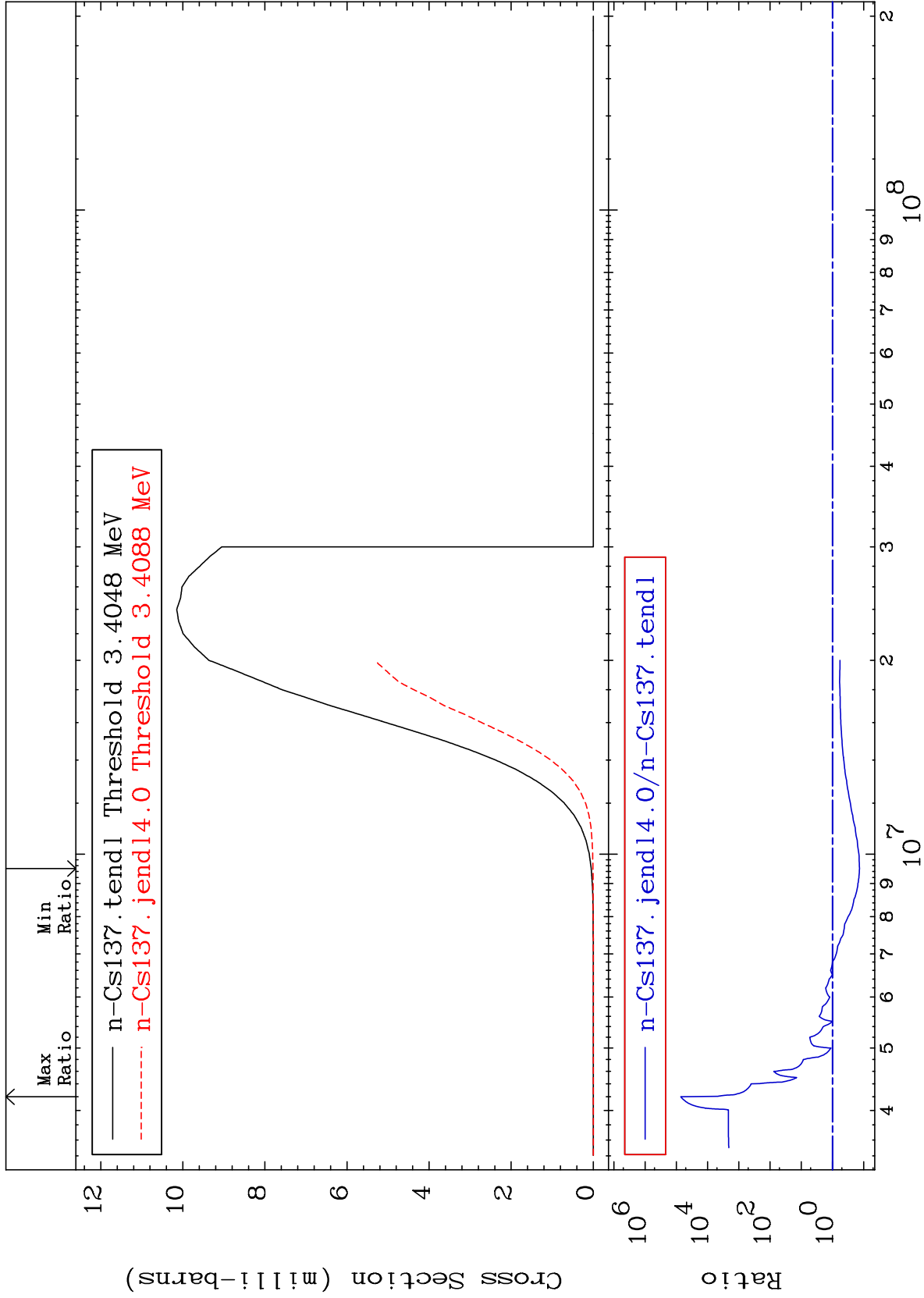
Cross Section

-99.71 To 9999. %



Cross Section

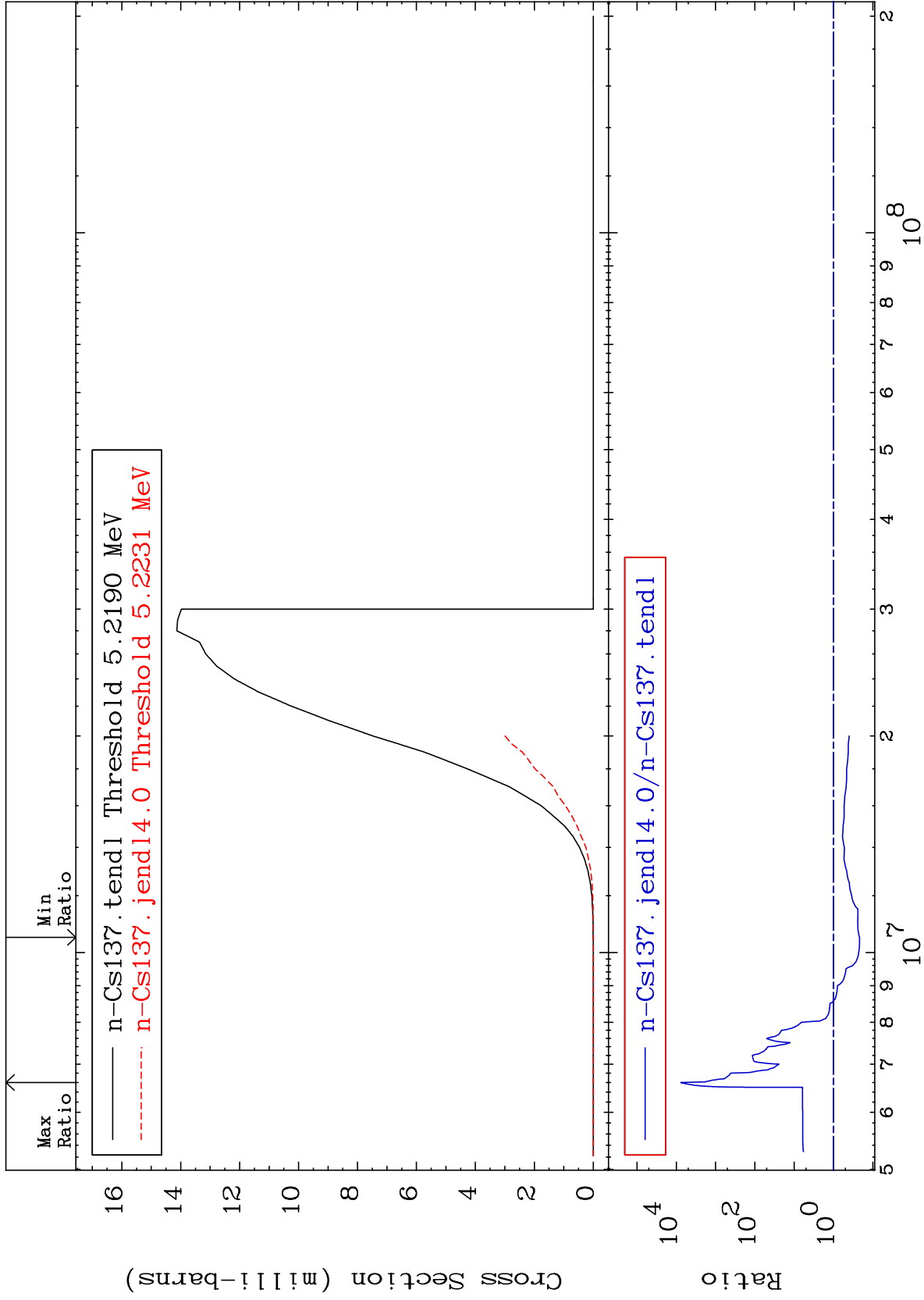
-86.45 To 9999. %

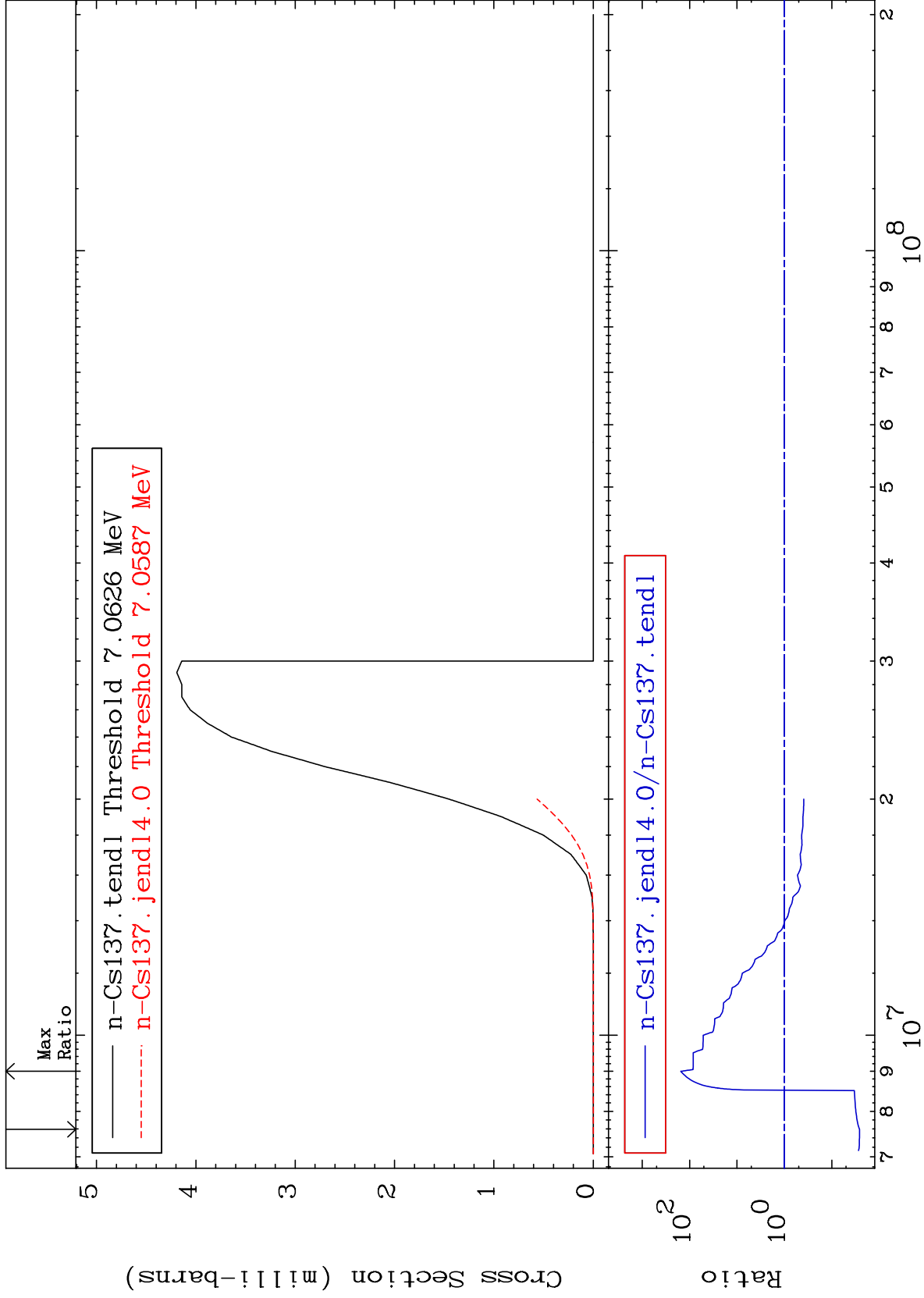




Cross Section

-78.25 To 9999. %





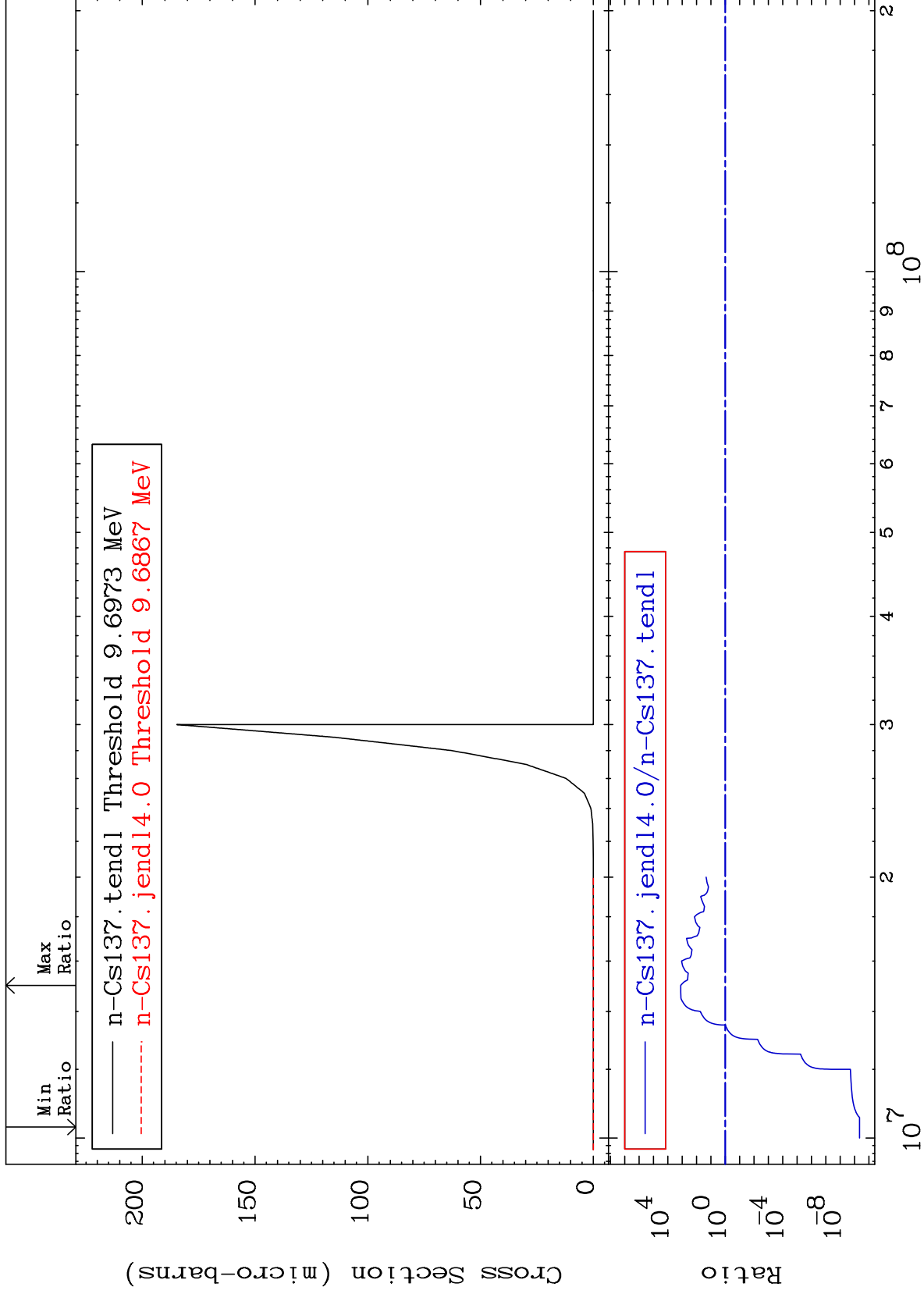
MAT 5537

(n, He-3)

55-Cs-137

Cross Section

-100.0 To 9999. %



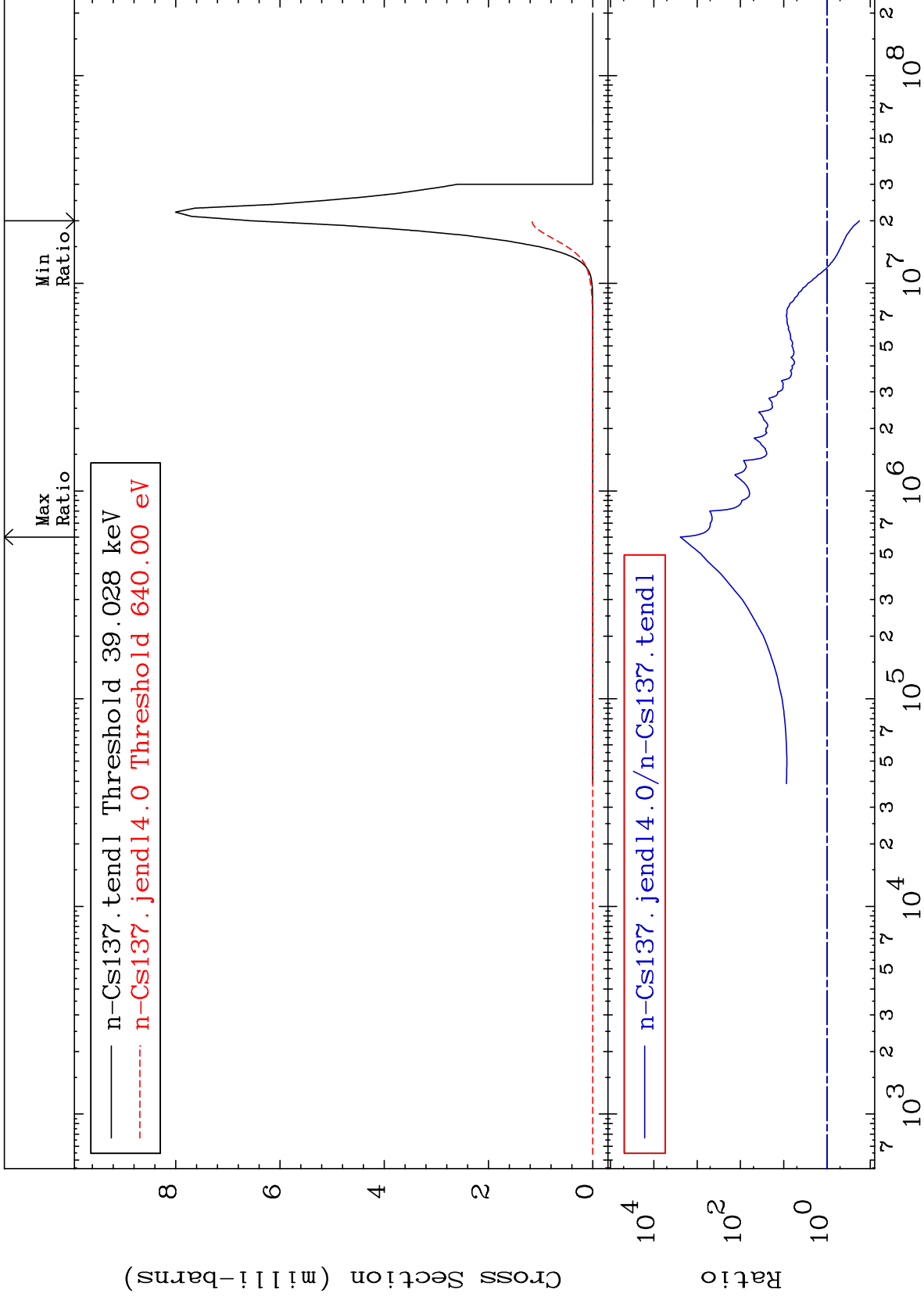
35

Incident Energy (eV)

55-Cs-137

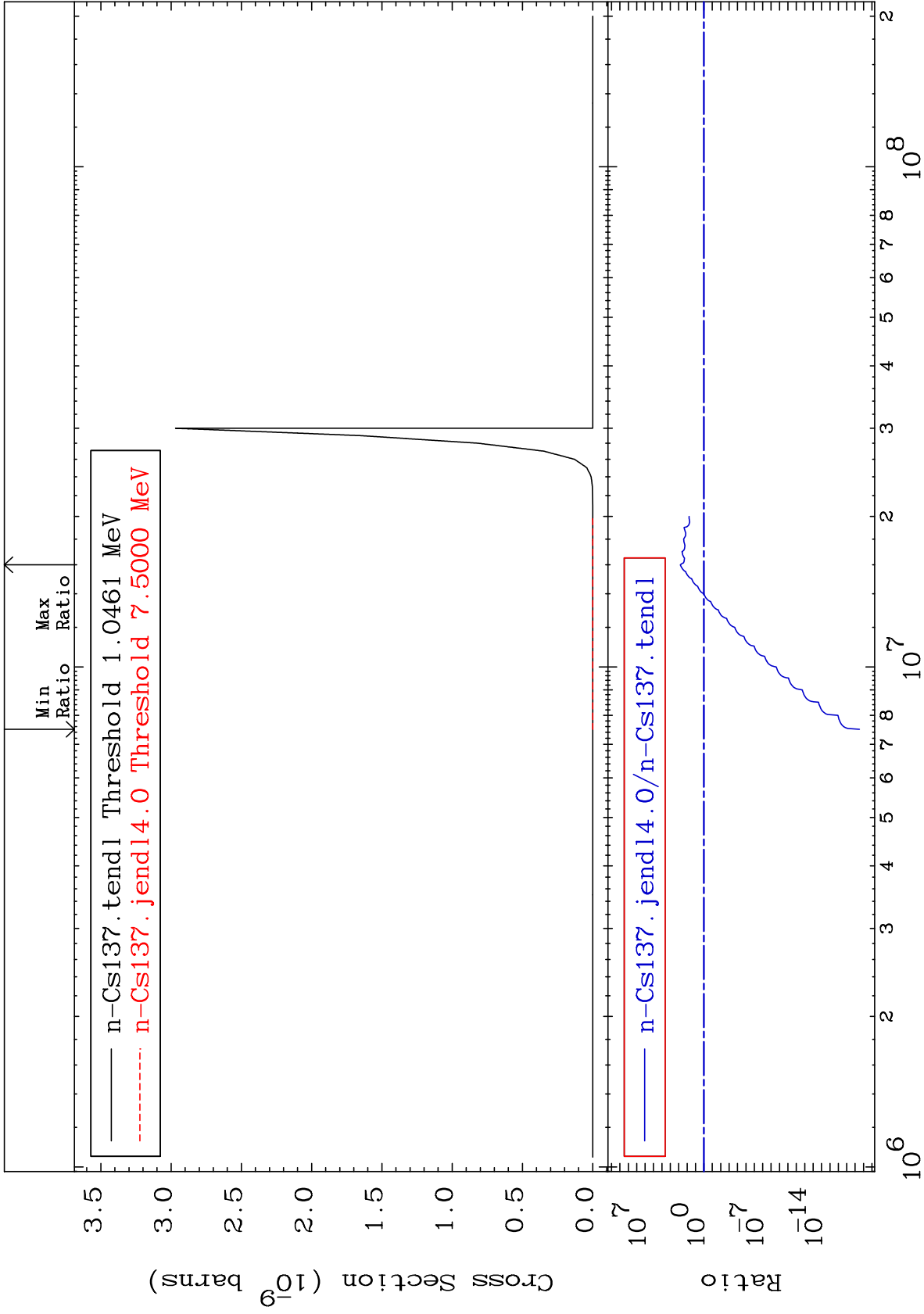
Cross Section

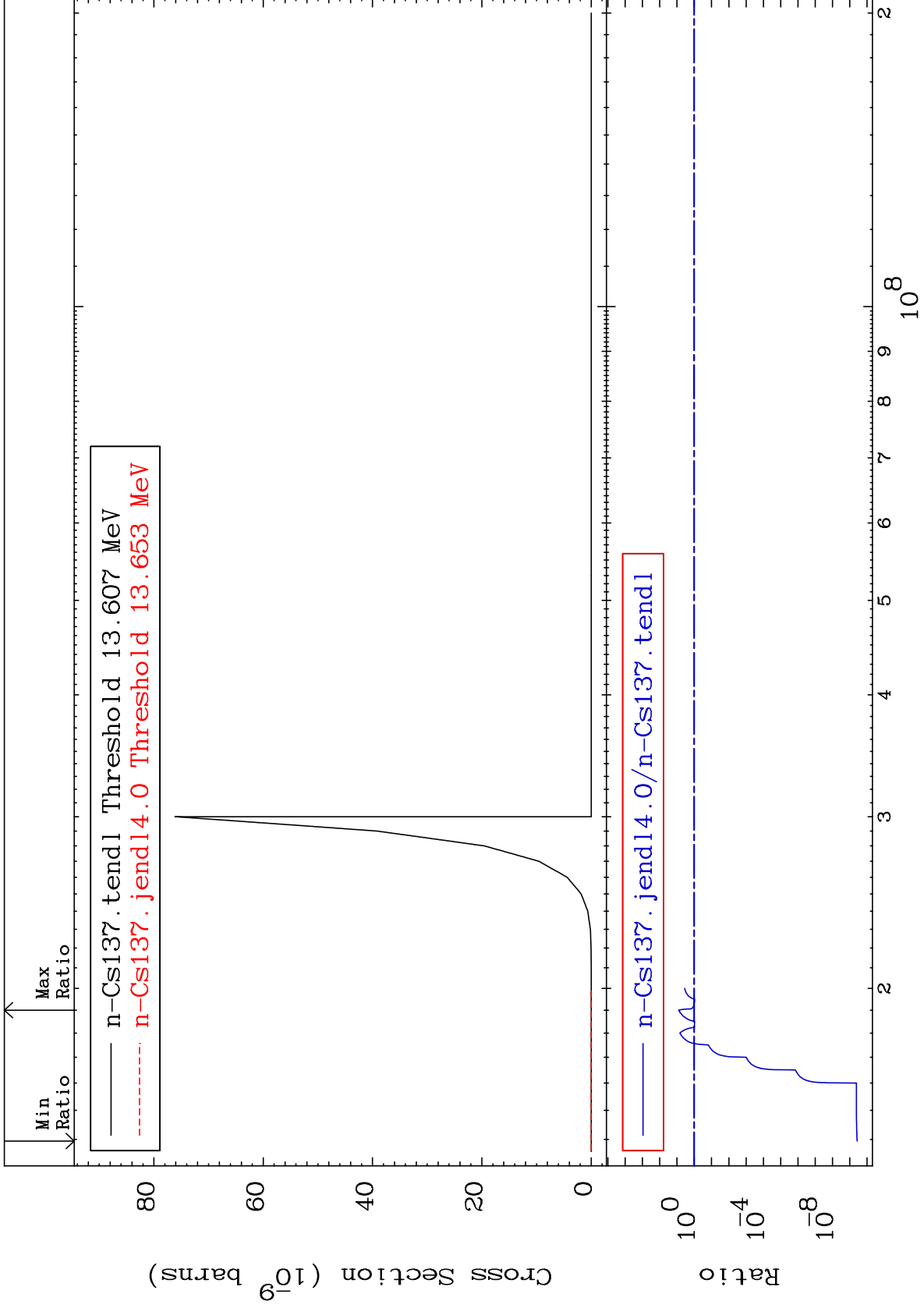
-82.11 To 9999. %



Cross Section

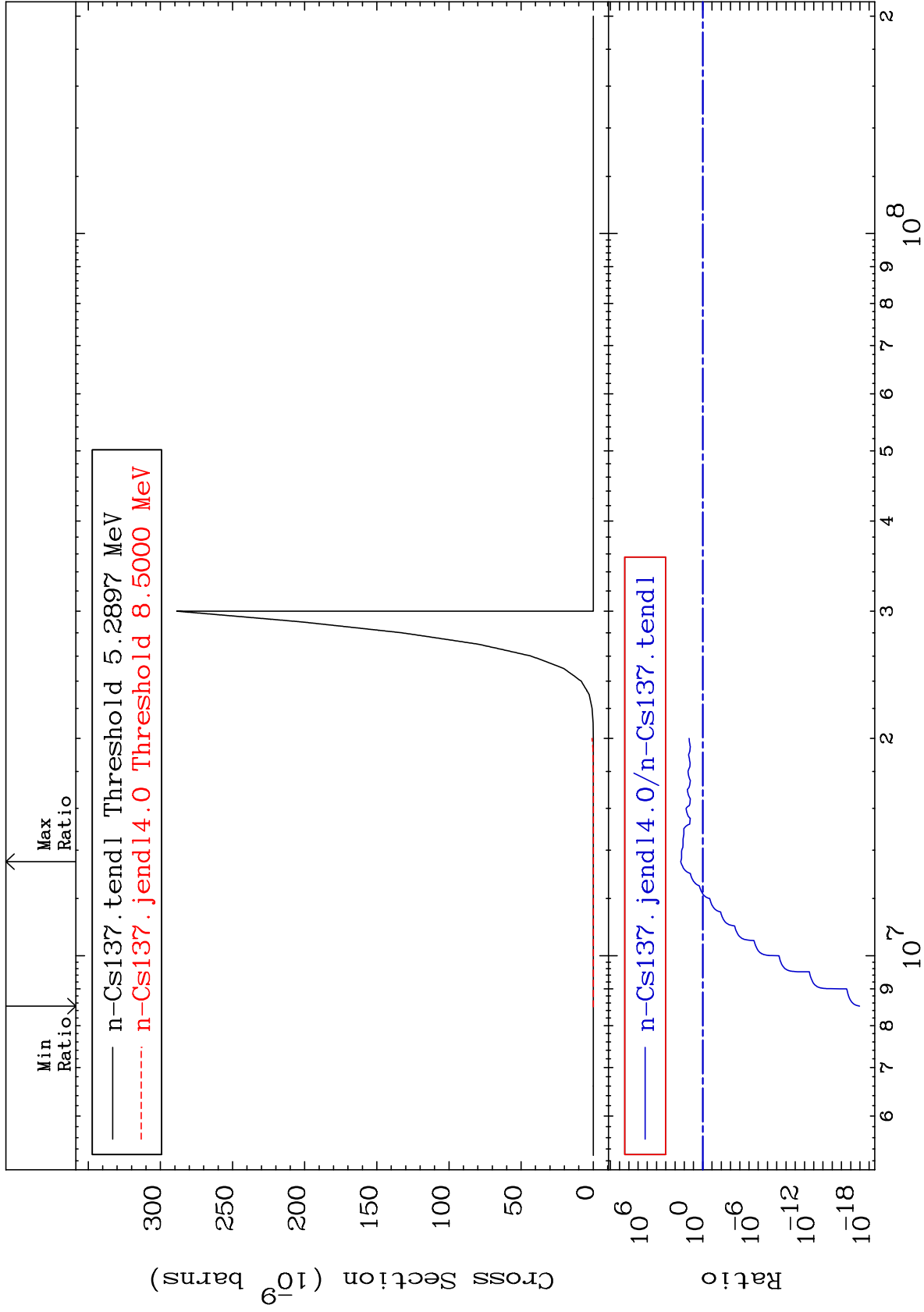
-100.0 To 9999. %





Cross Section

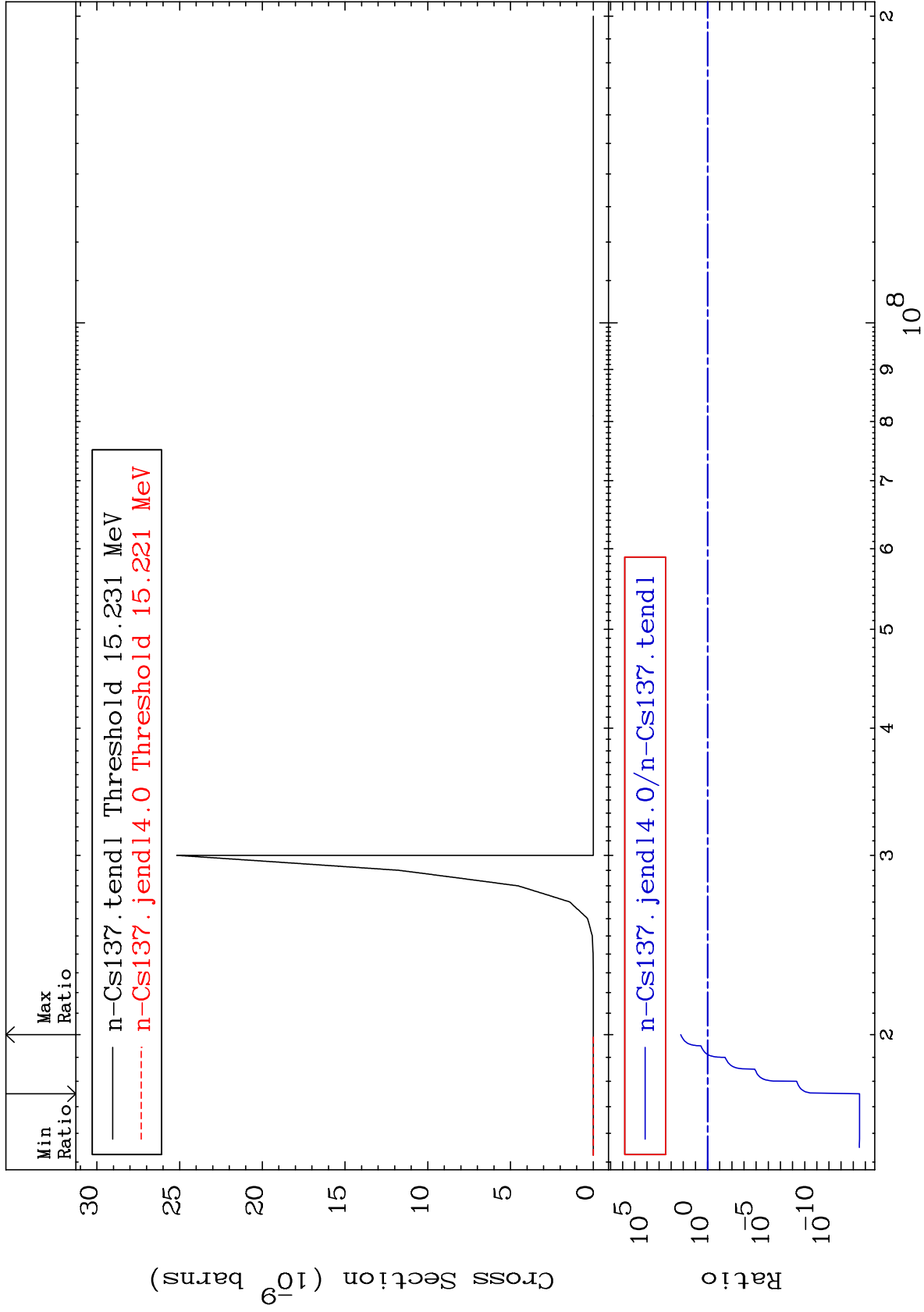
-100.0 To 9999. %



MAT 5537

(n,p) d  
Cross Section

55-Cs-137  
-100.0 To 9999. %



40

Incident Energy (eV)

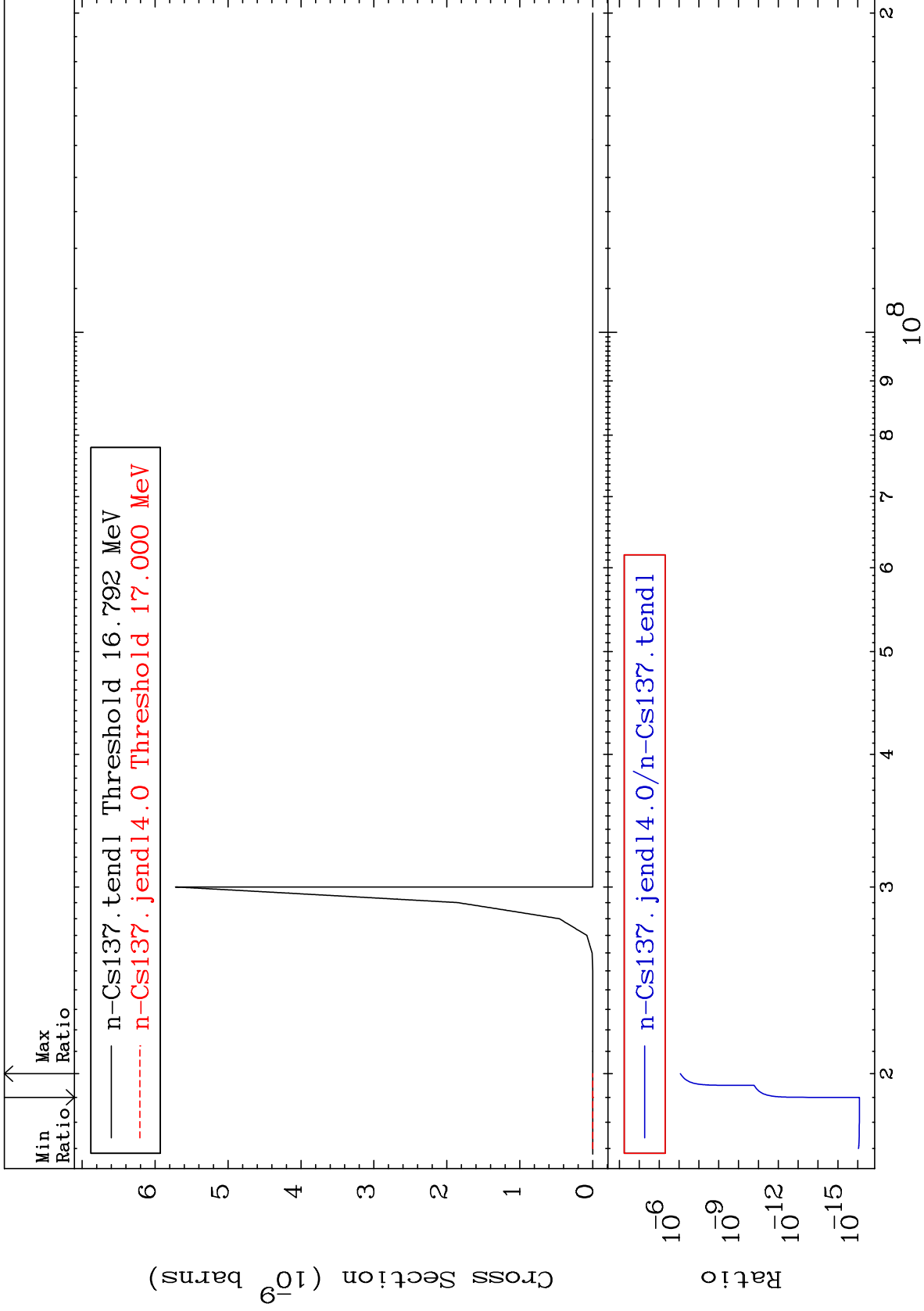
55-Cs-137

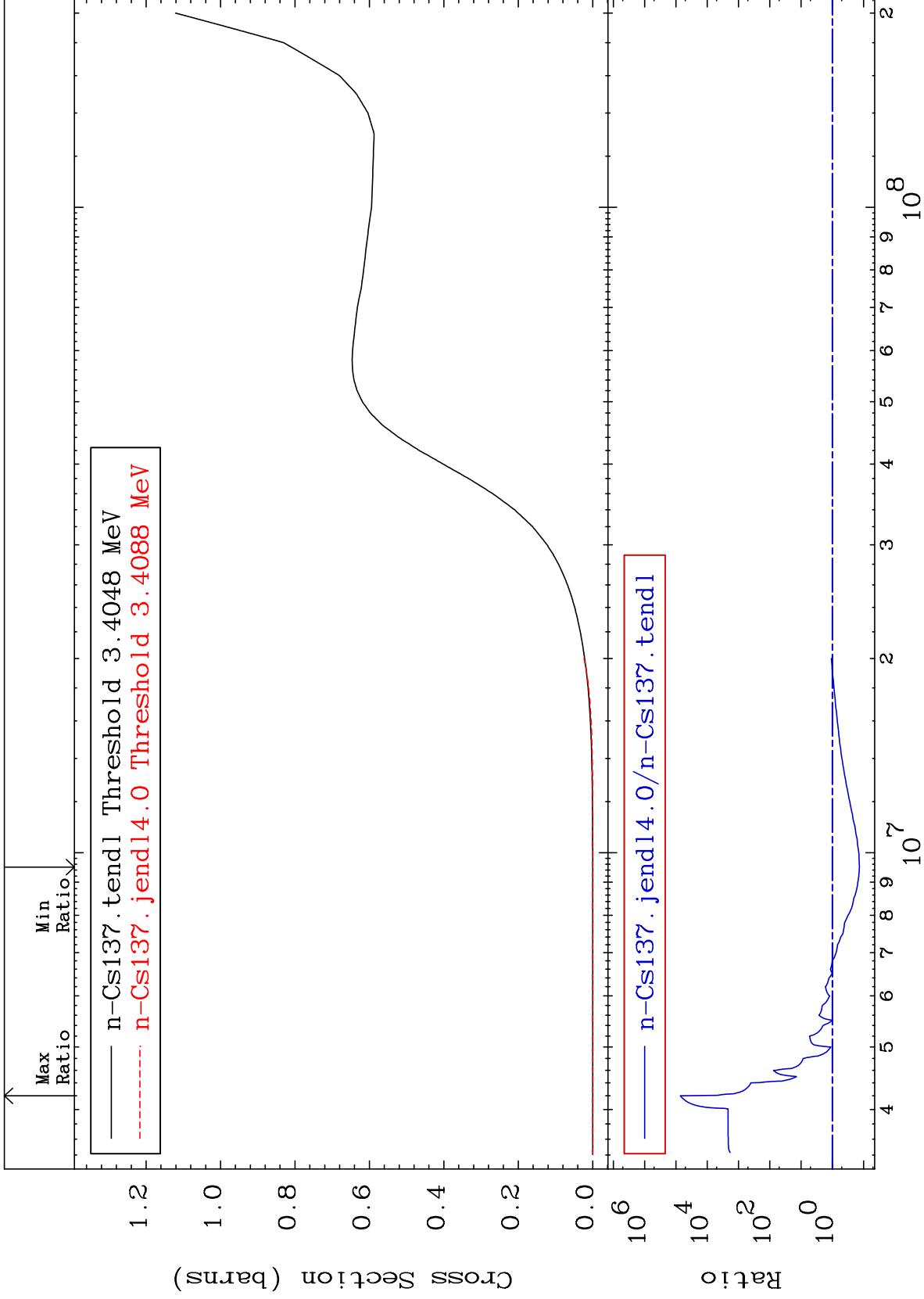


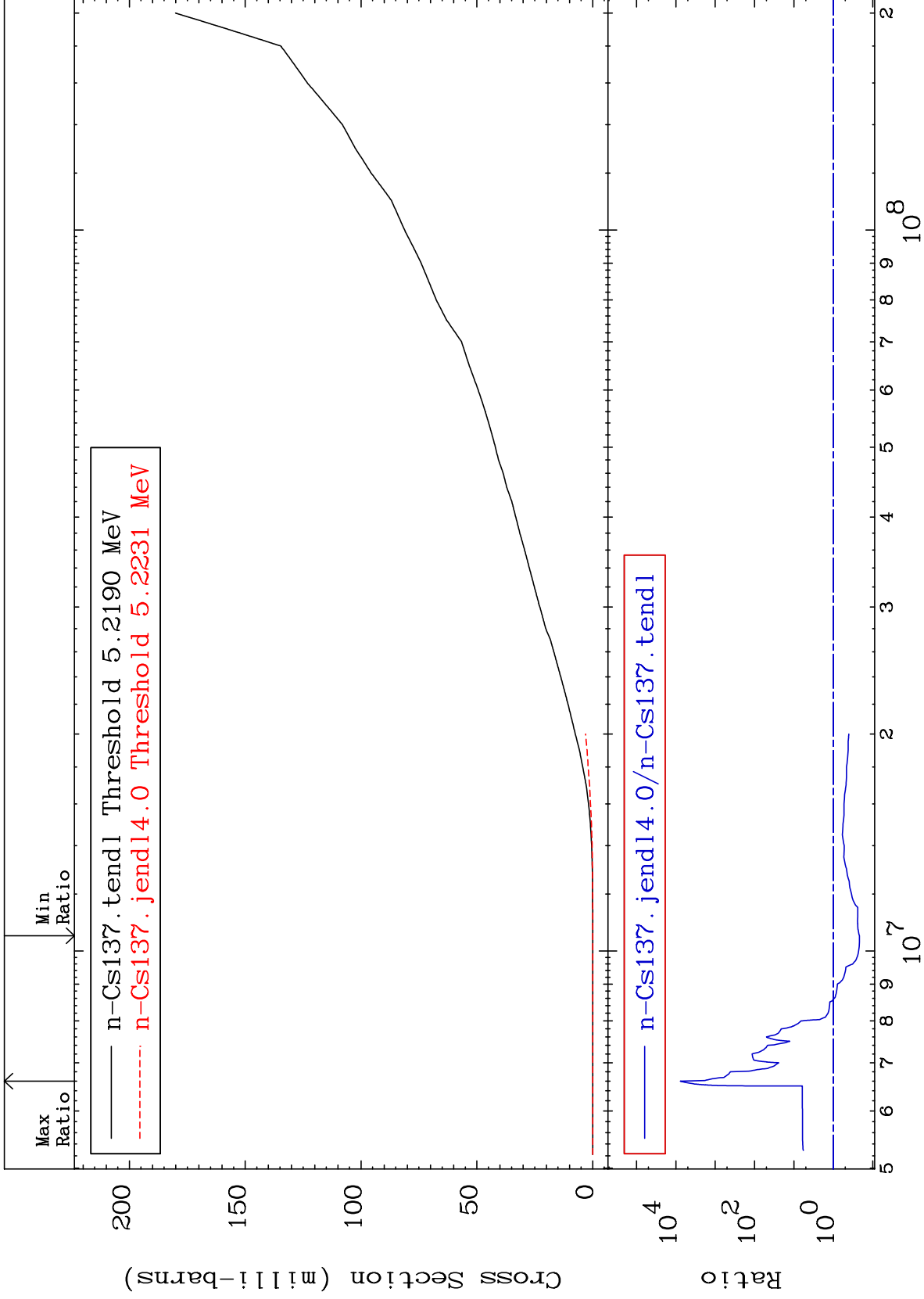
MAT 5537

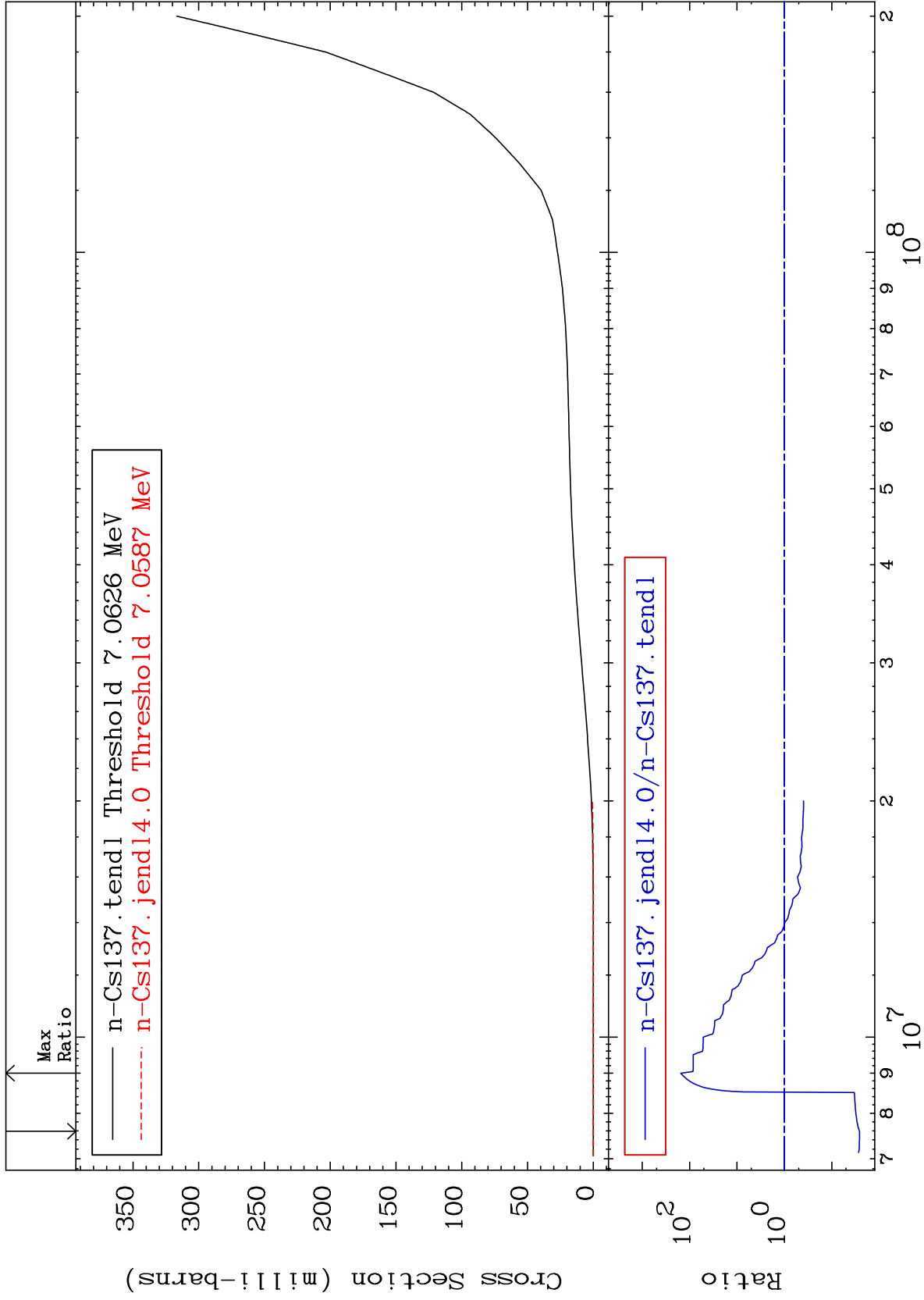
(n,p) t  
Cross Section

55-Cs-137  
-100.0 To -100.0%





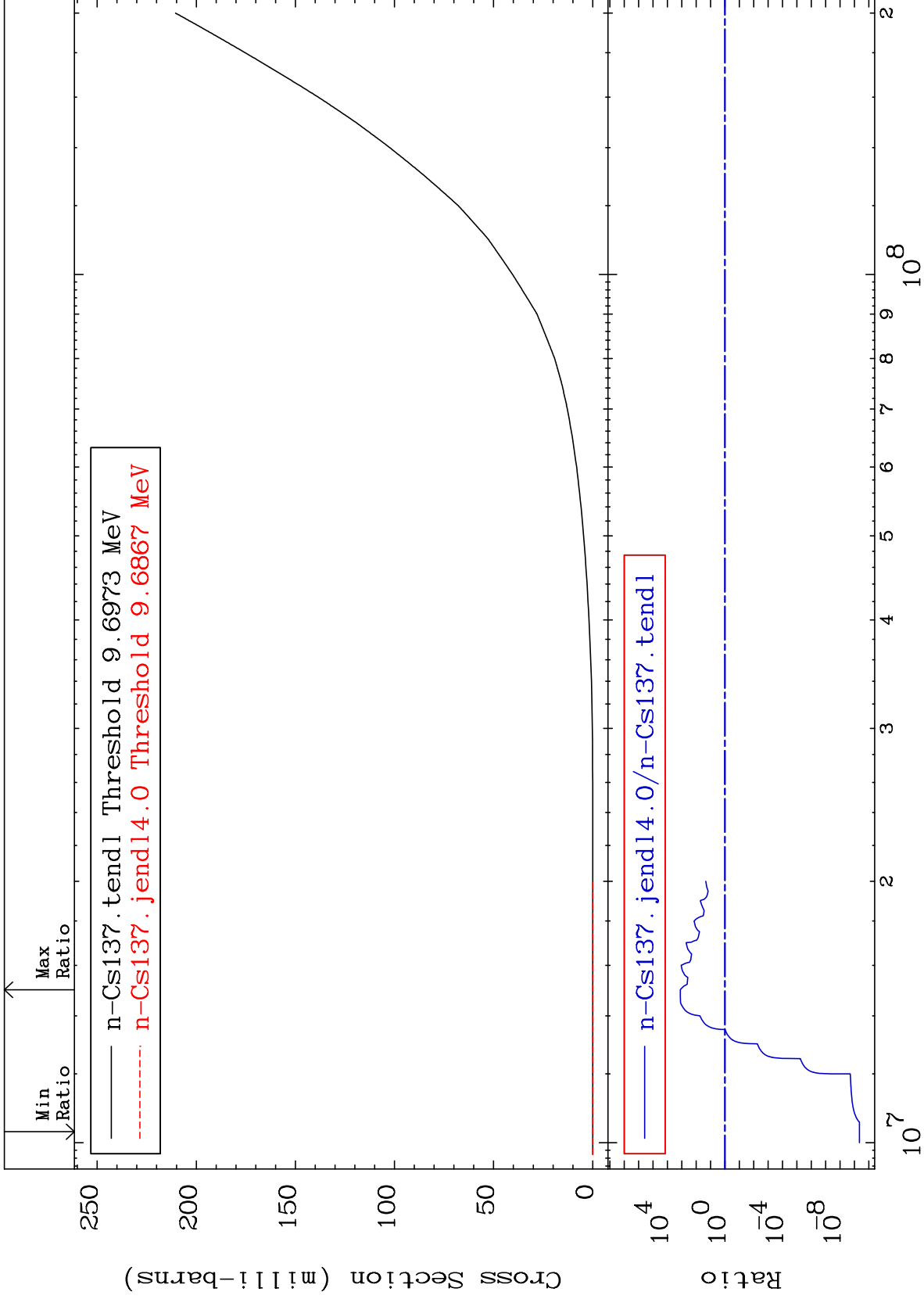




MAT 5537

He-3 Production  
Cross Section

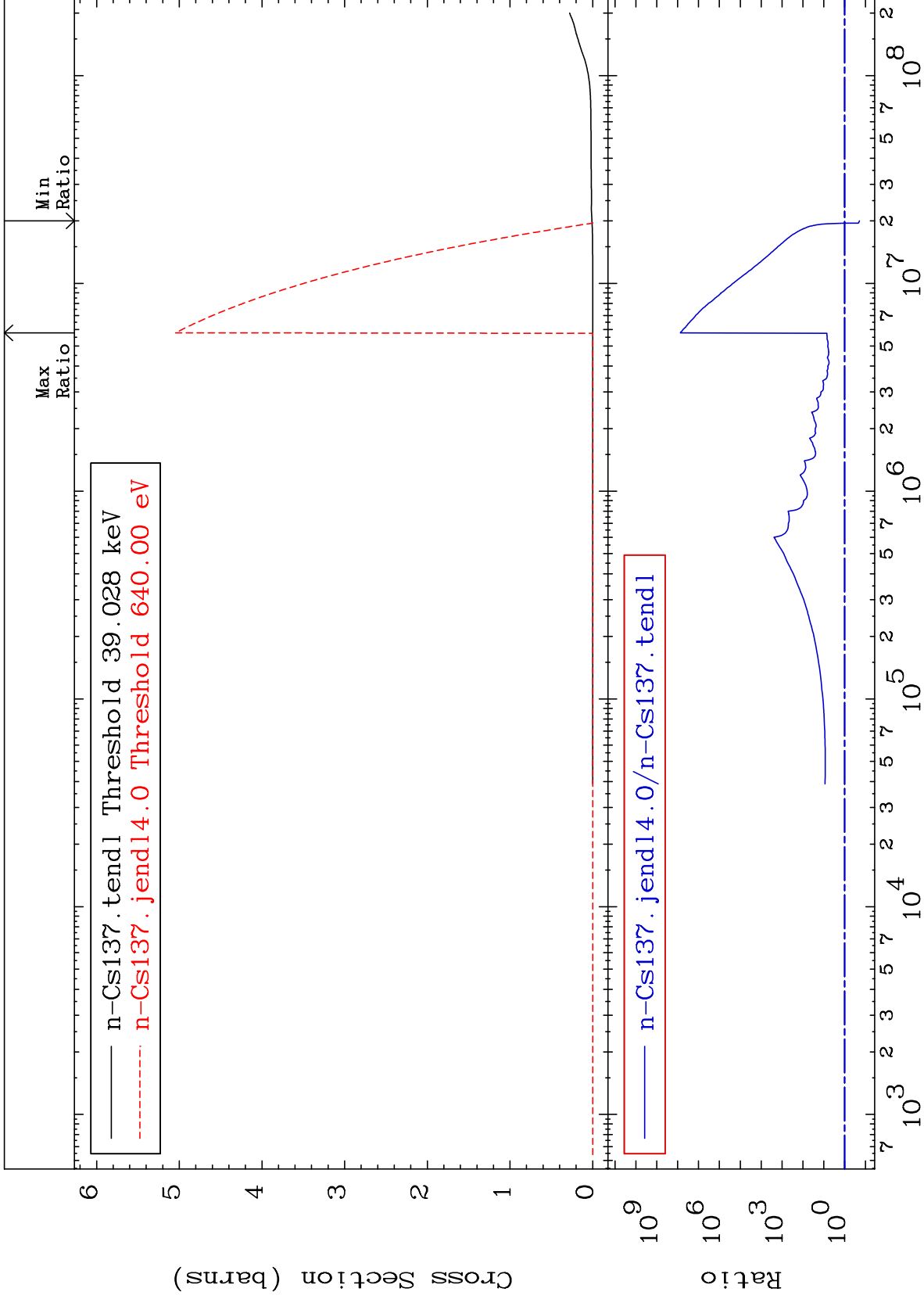
55-Cs-137  
-100.0 To 9999. %



45

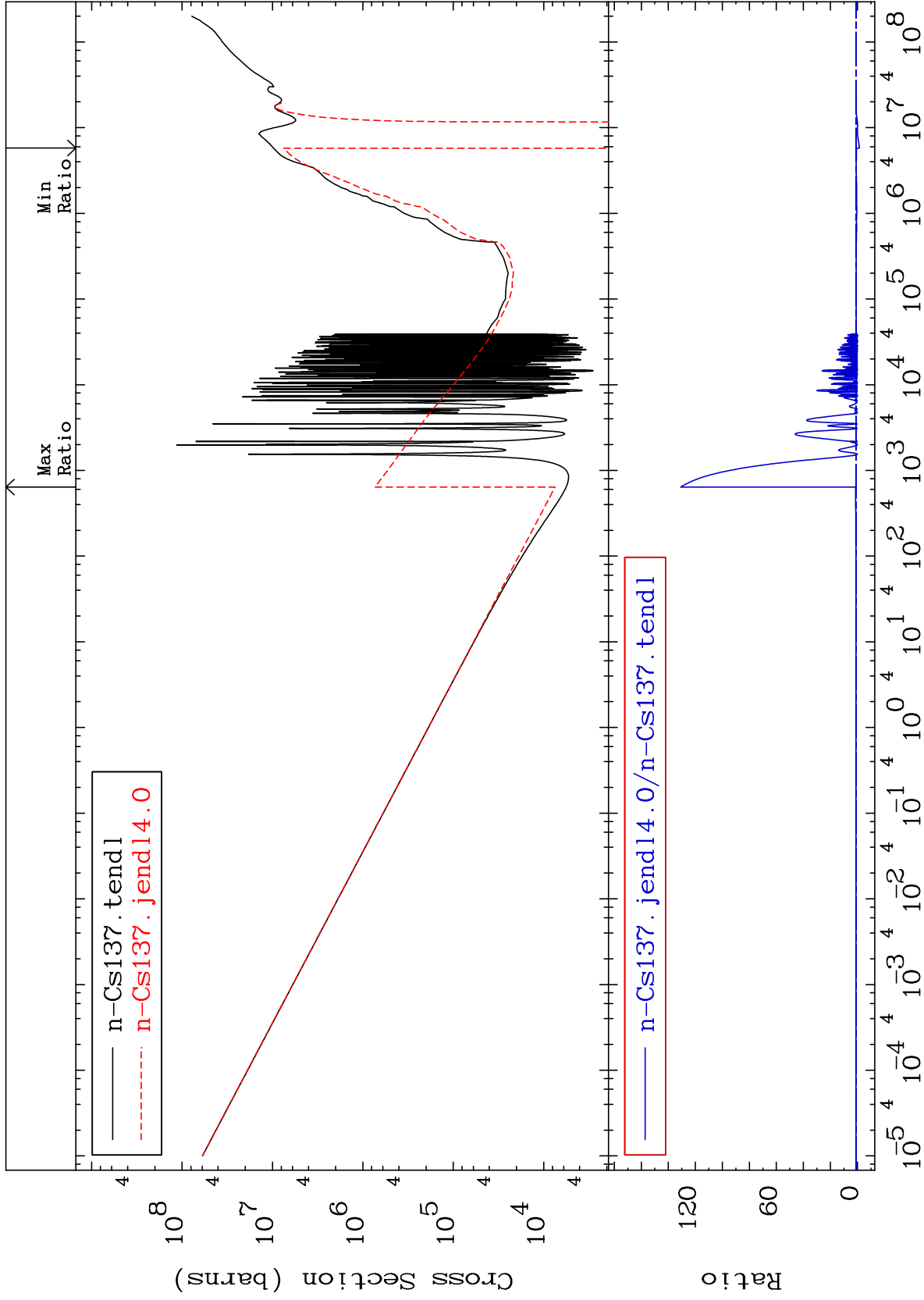
Incident Energy (eV)

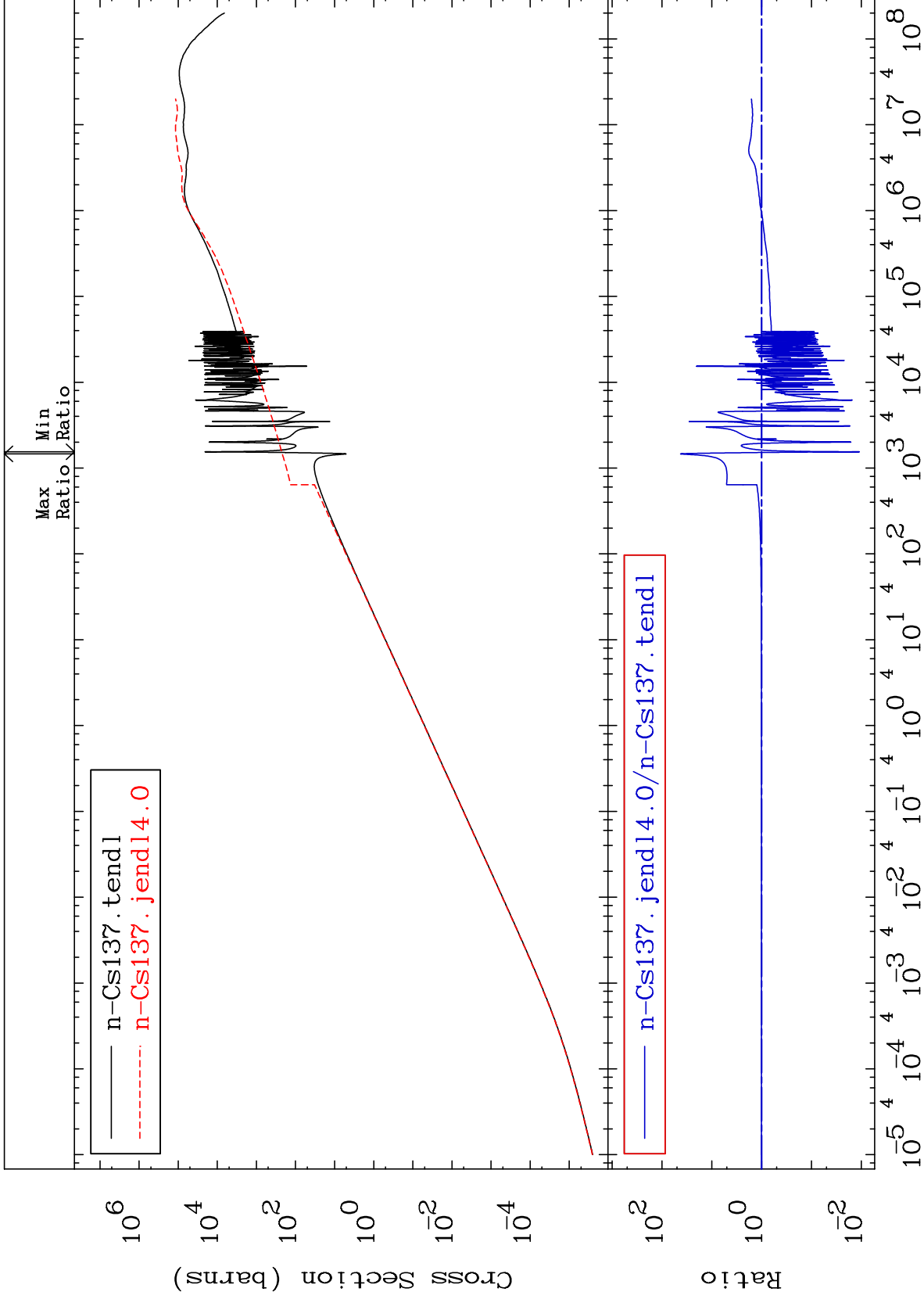
55-Cs-137



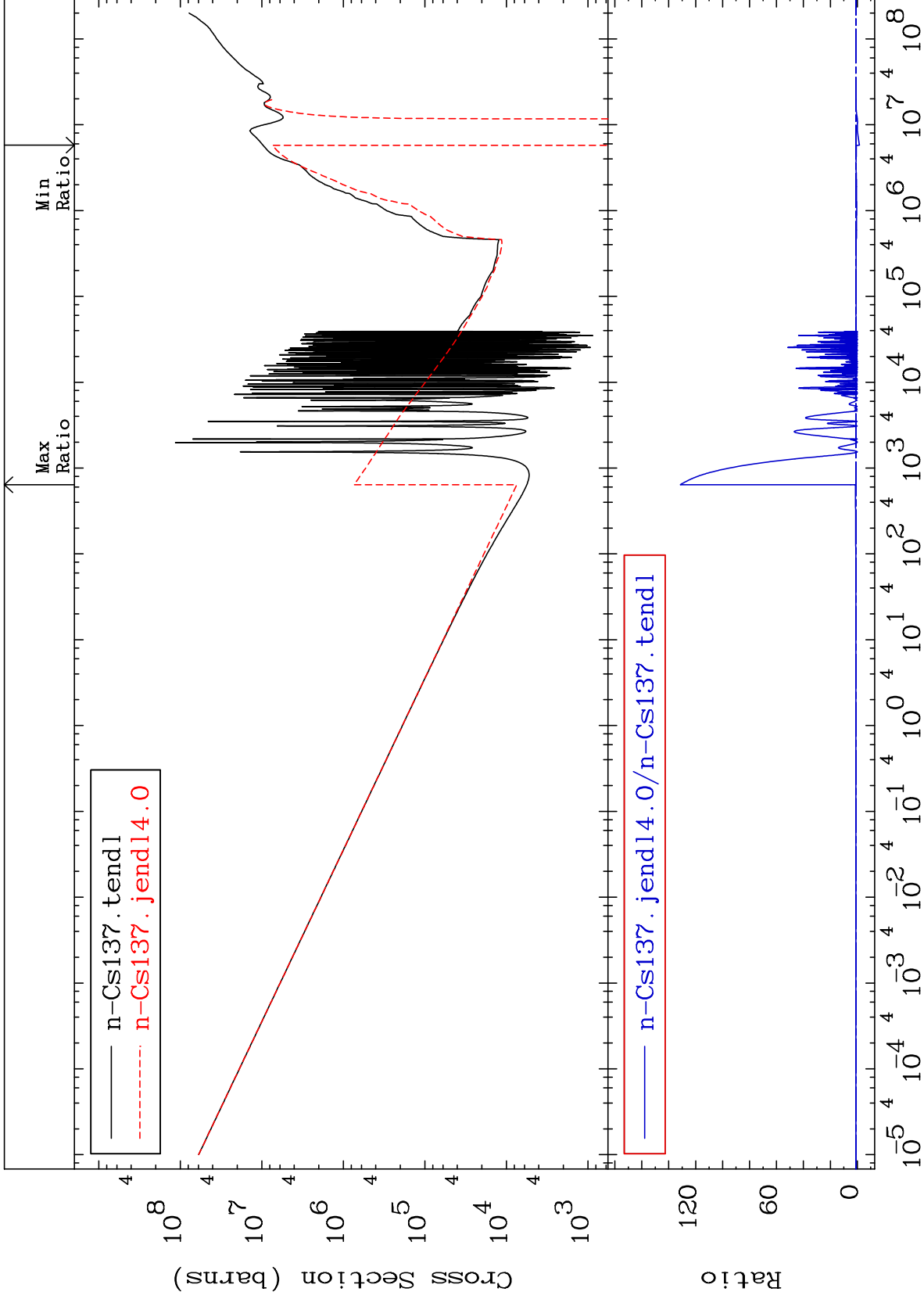
Cross Section

-257.7 To 9999. %





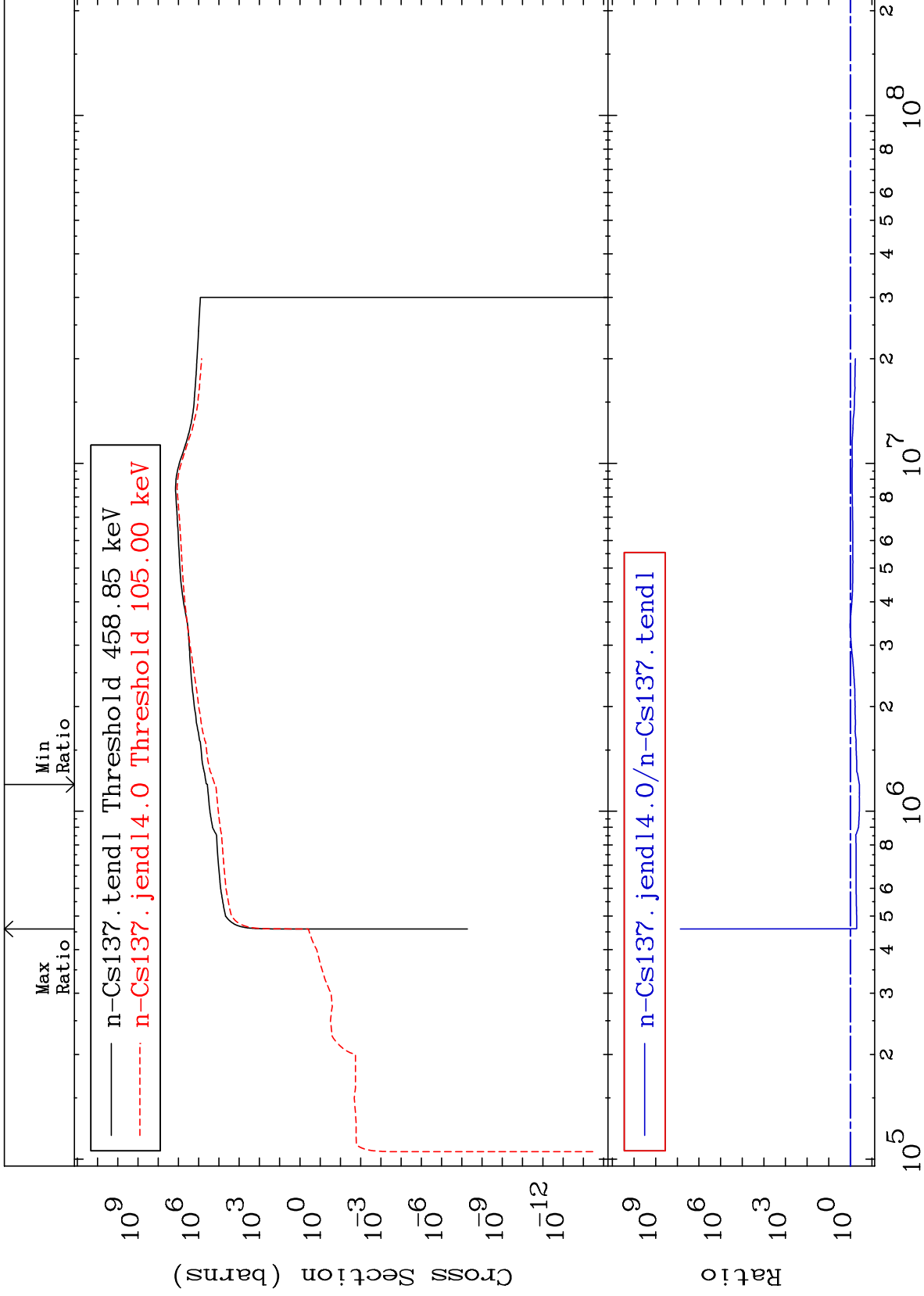




MAT 5537

Kerma inelastic (mt51-91)  
Cross Section

55-Cs-137  
-61.94 To 9999. %



50

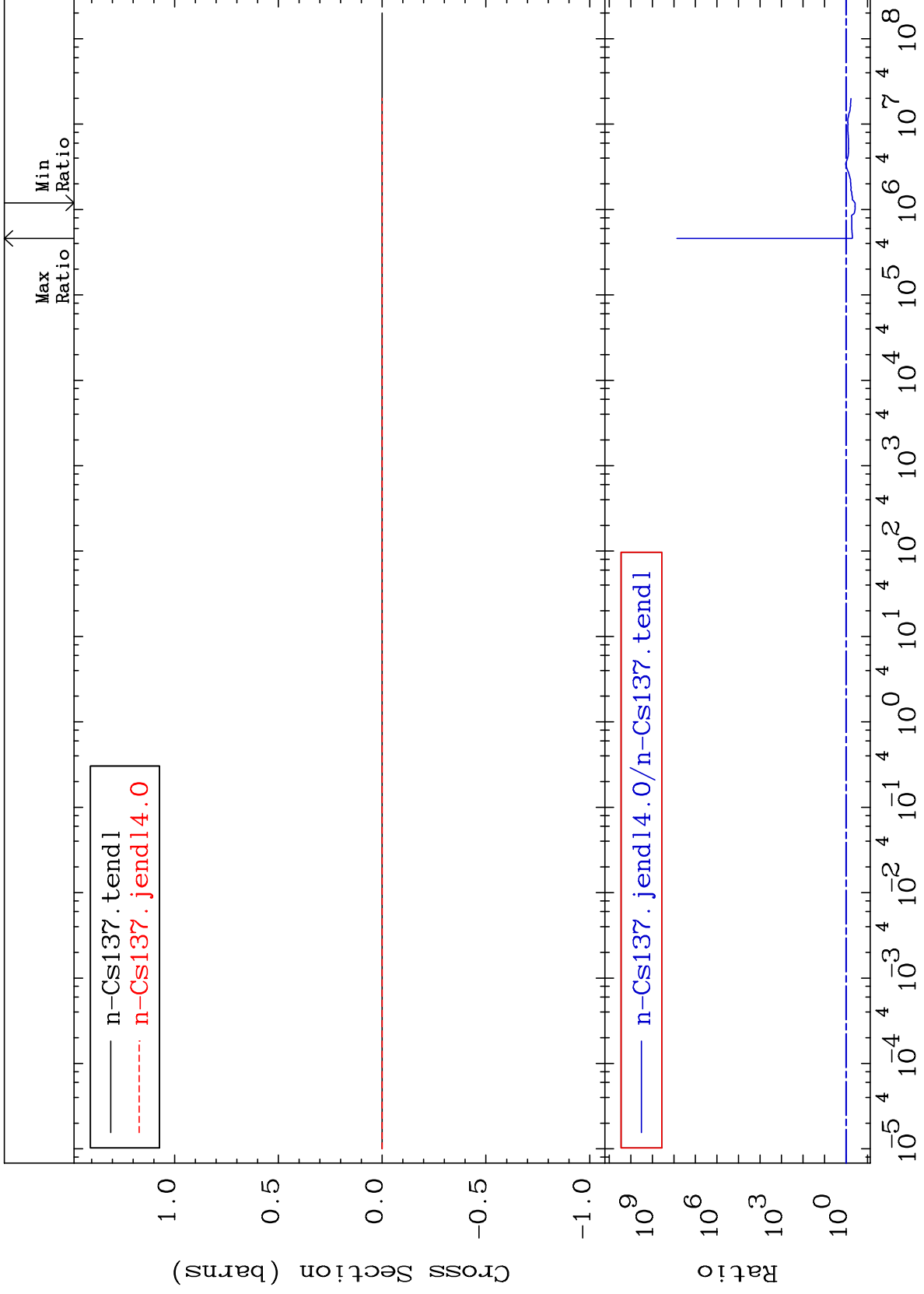
Incident Energy (eV)

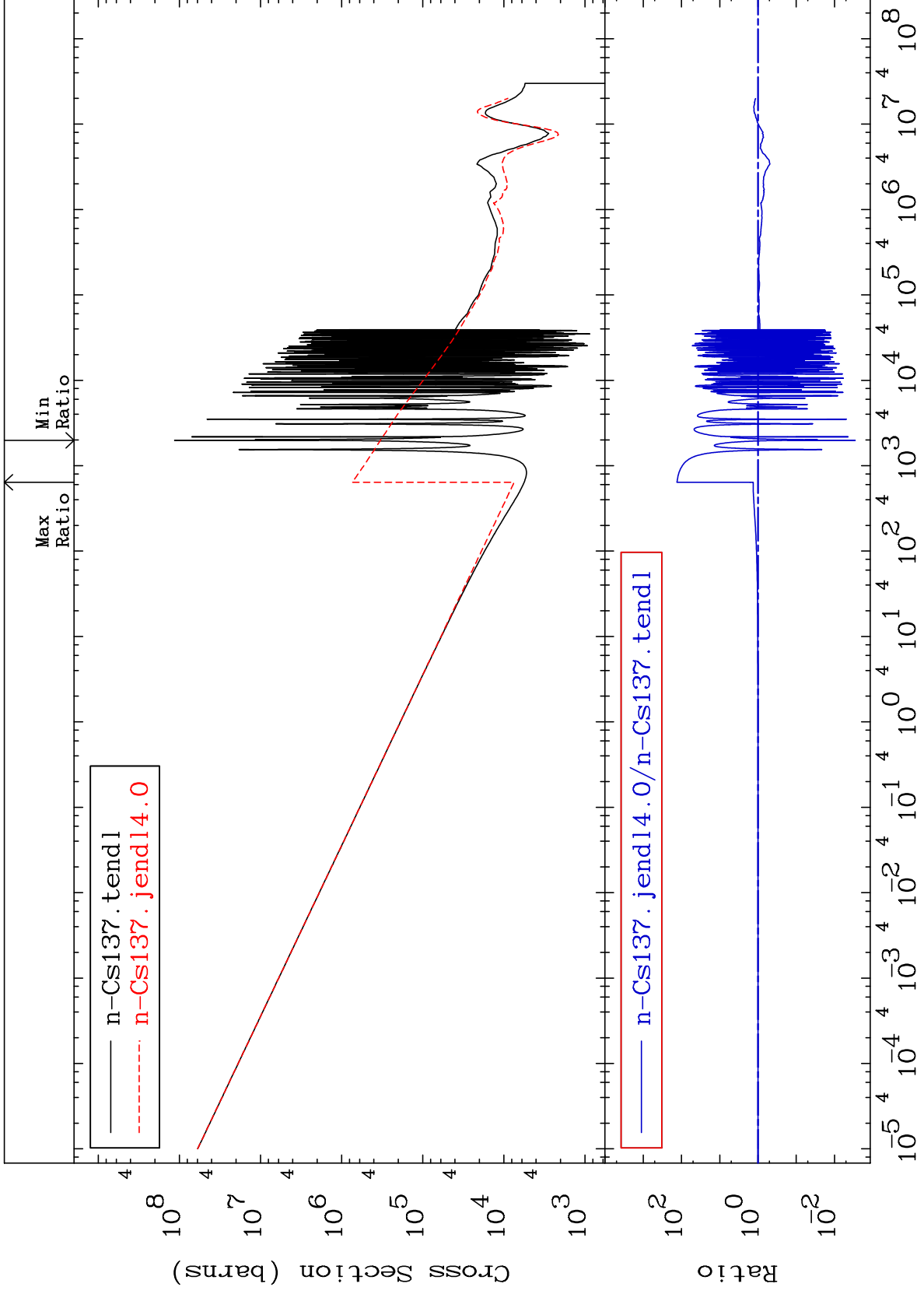
55-Cs-137

MAT 5537

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

55-Cs-137  
-61.94 To 9999. %

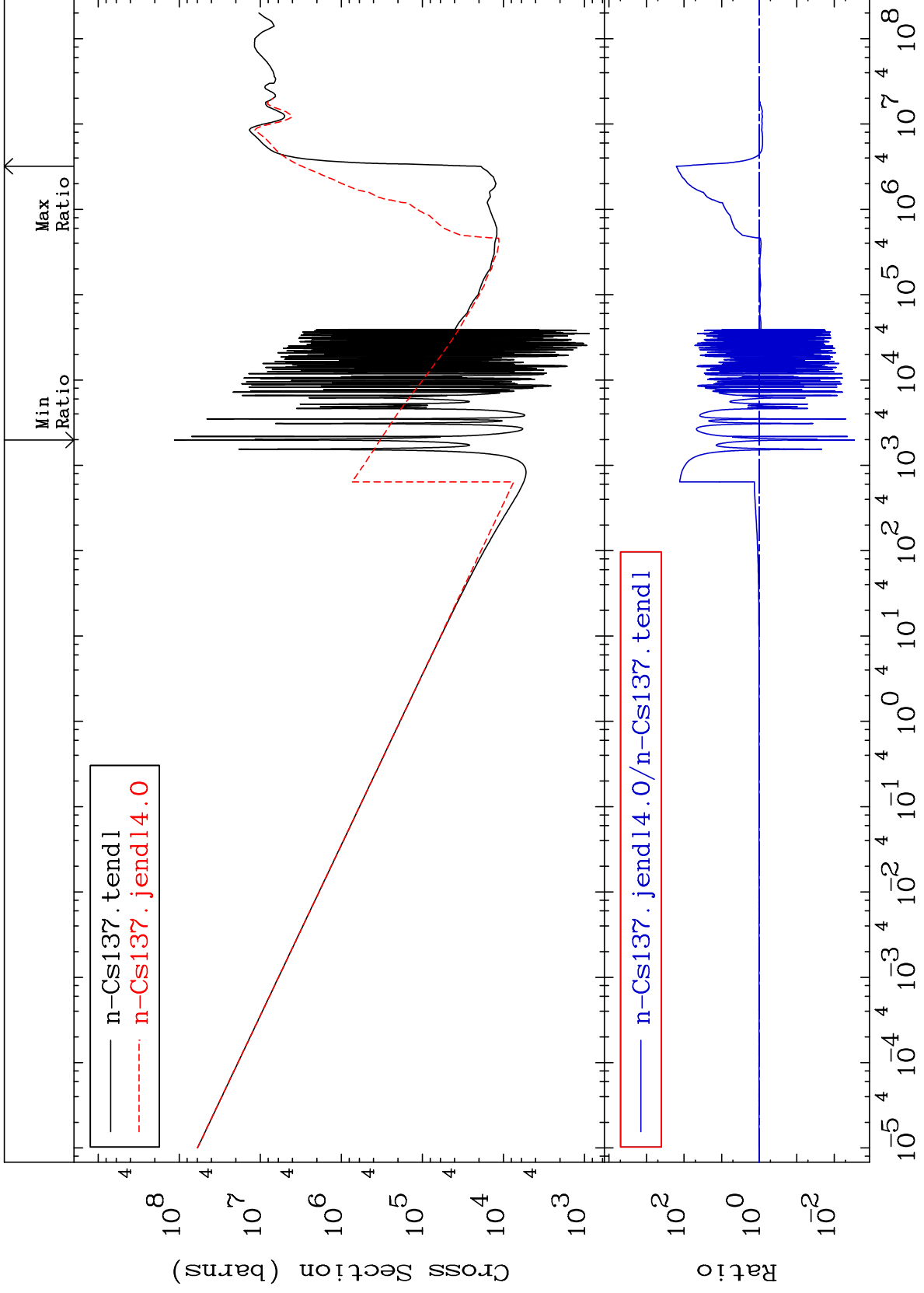


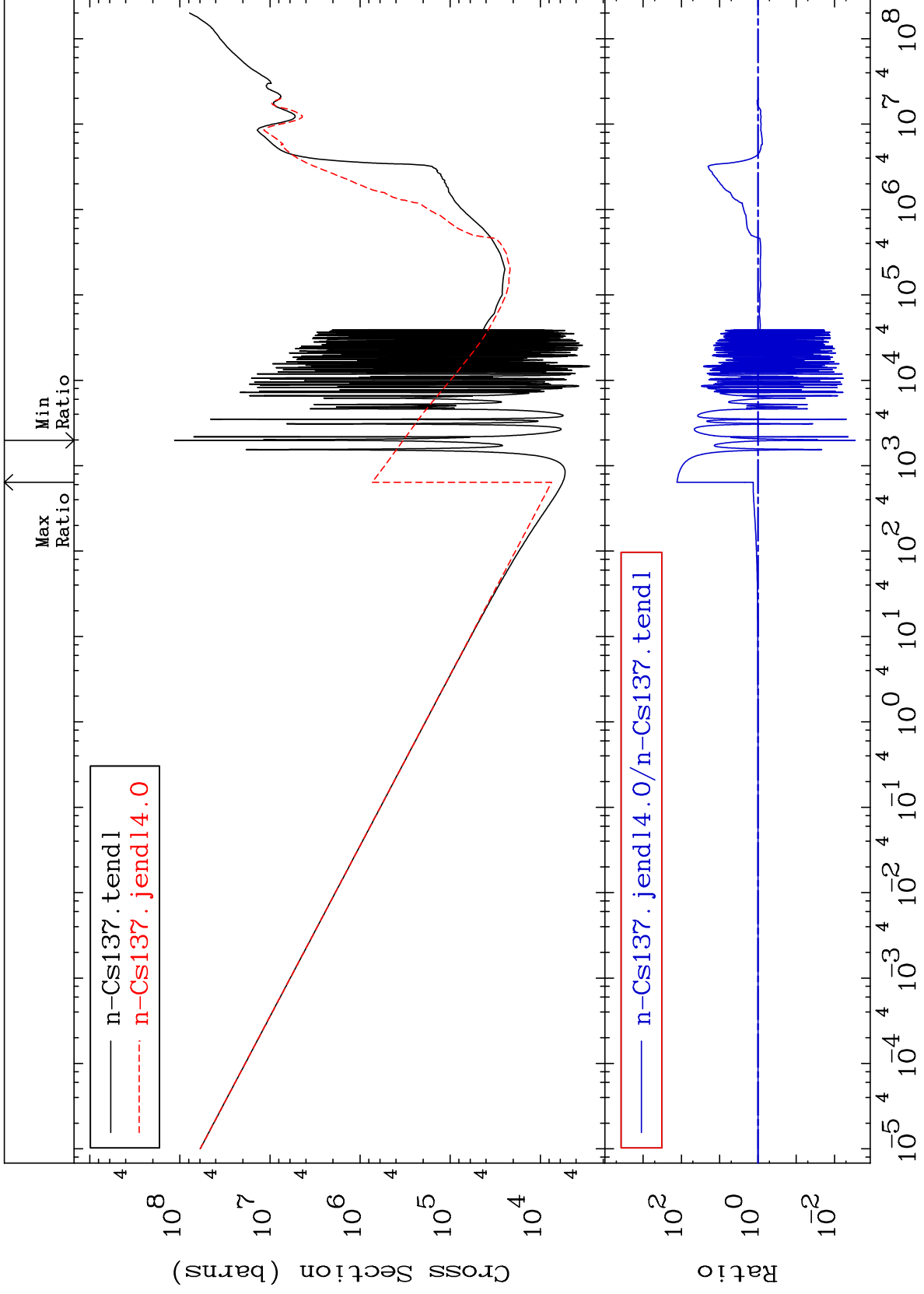


MAT 5537

Total photon (eV-barns)  
Cross Section

55-Cs-137  
-99.71 To 9999. %





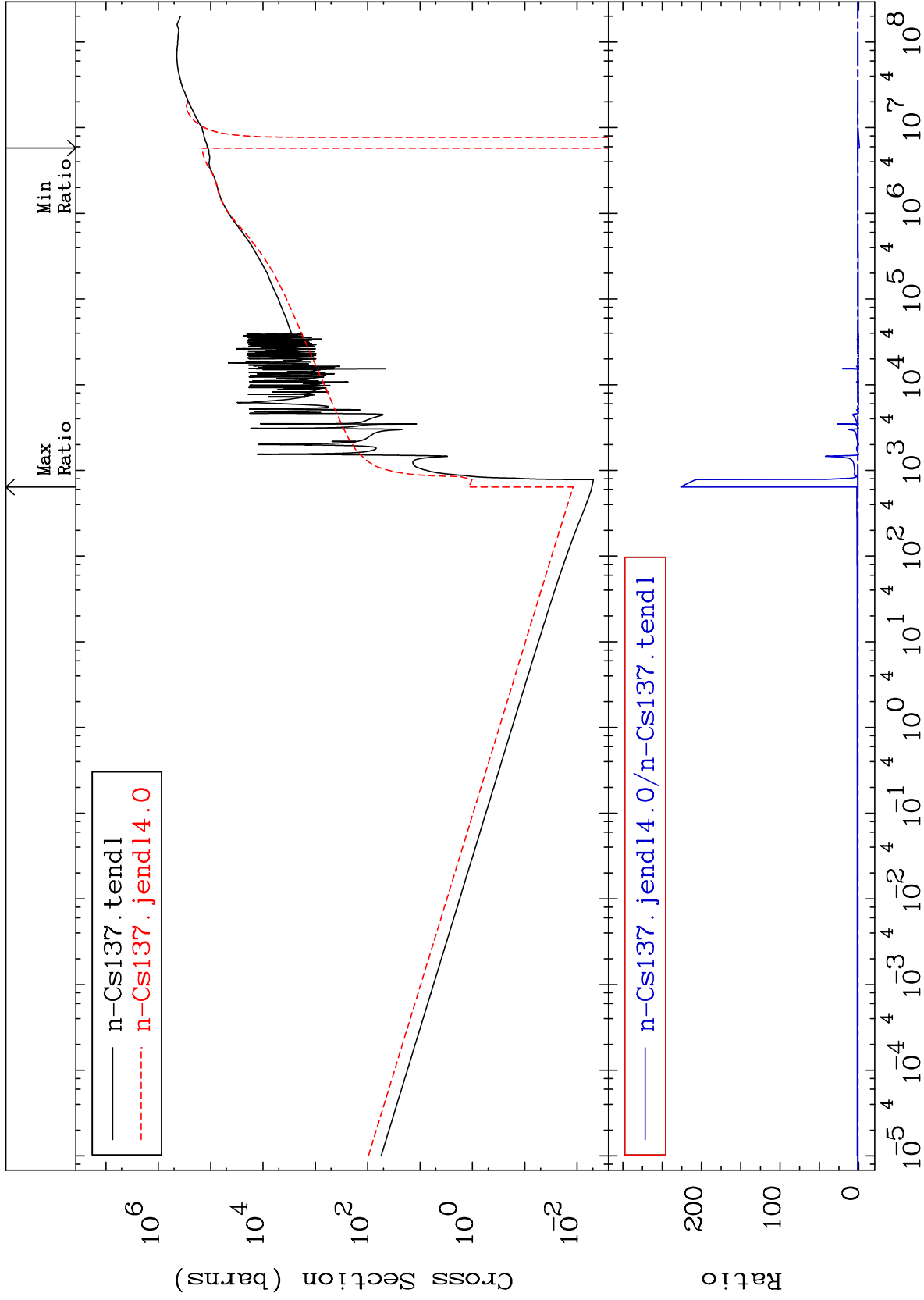
MAT 5537

Dpa total (eV-barns)

55-Cs-137

Cross Section

-217.5 To 9999. %



55

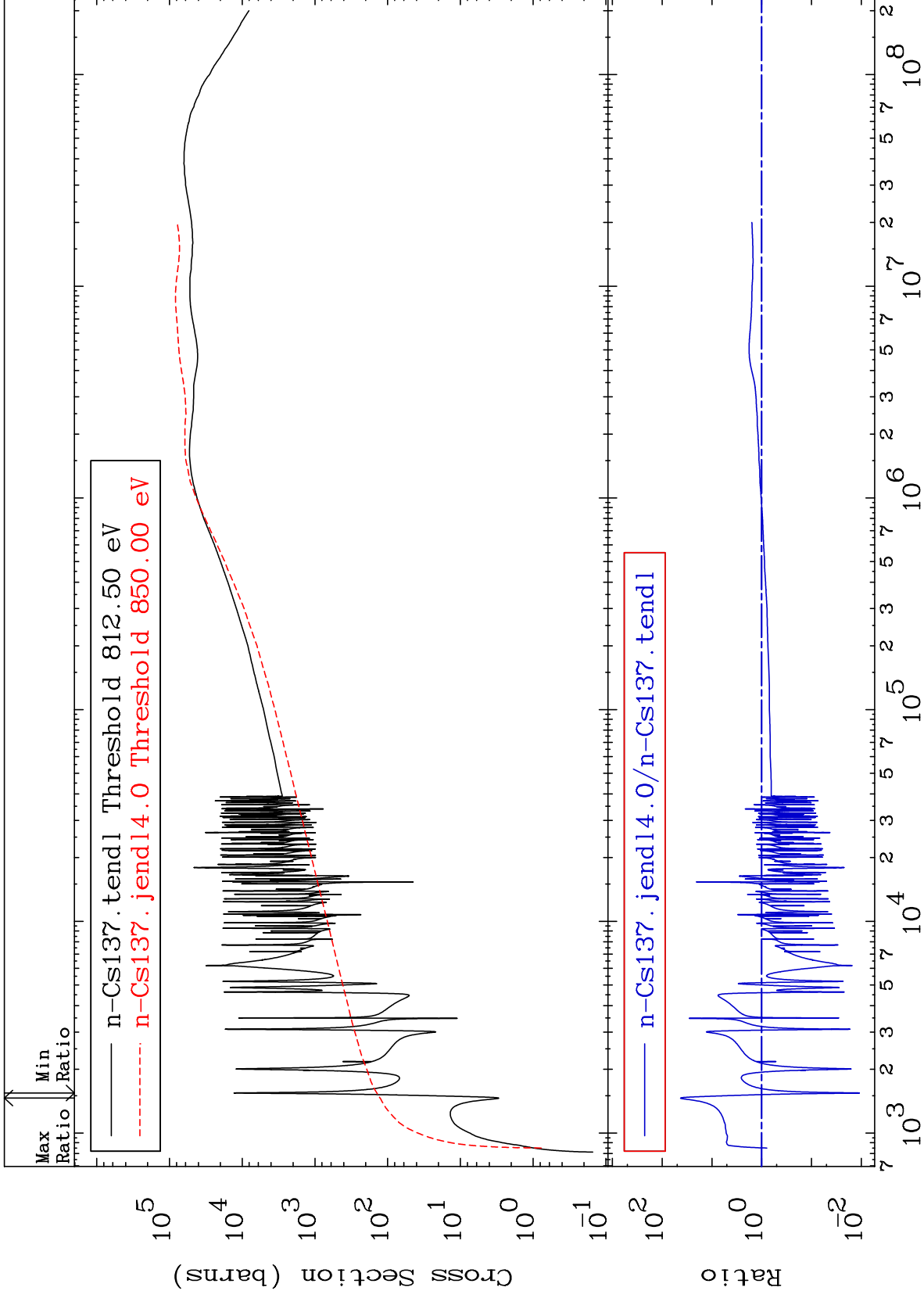
Incident Energy (eV)

55-Cs-137

MAT 5537

Dpa elastic (mt2)  
Cross Section

55-Cs-137  
-98.91 To 4205. %



56

Incident Energy (eV)

55-Cs-137



