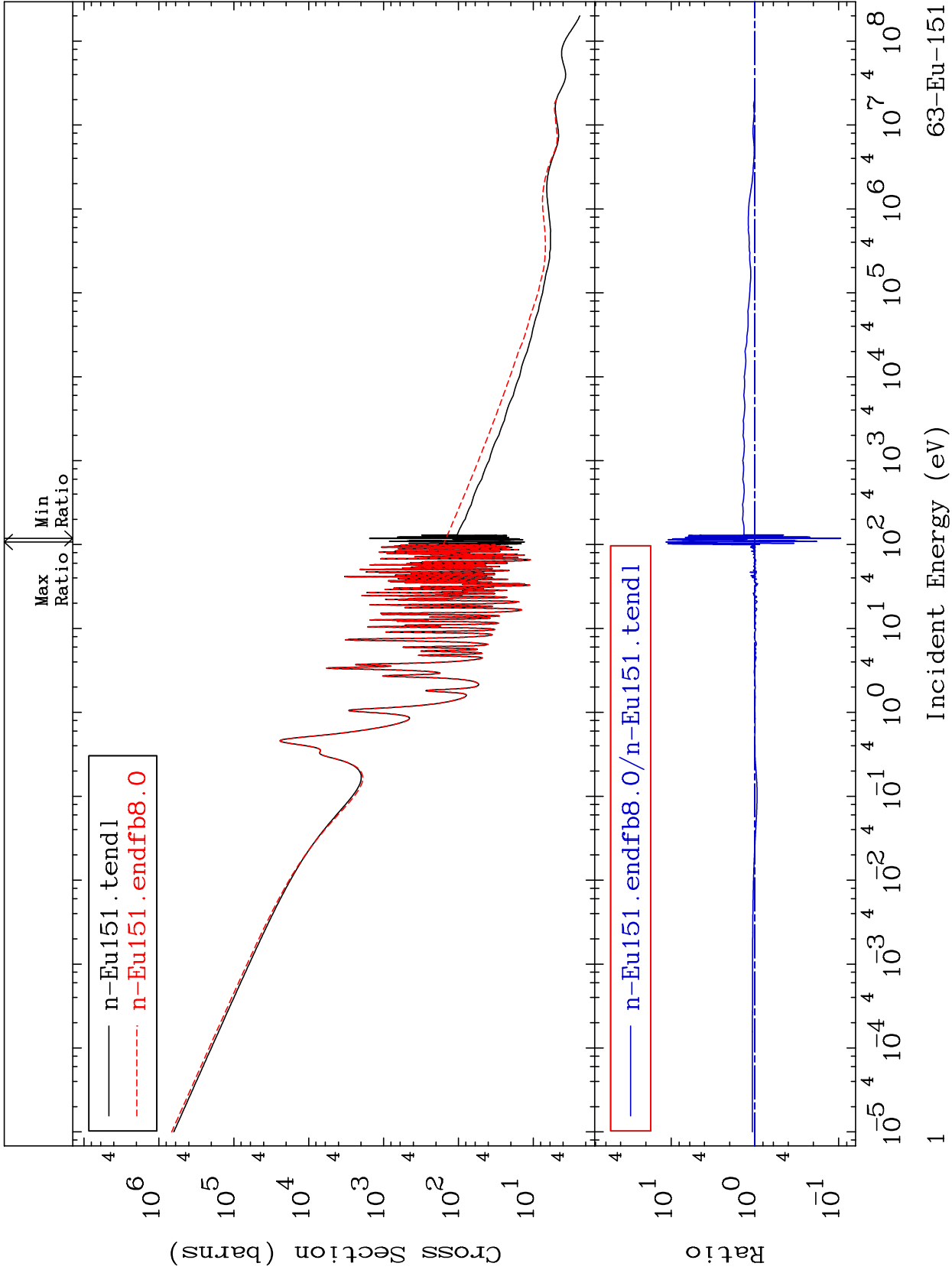


MAT 6325

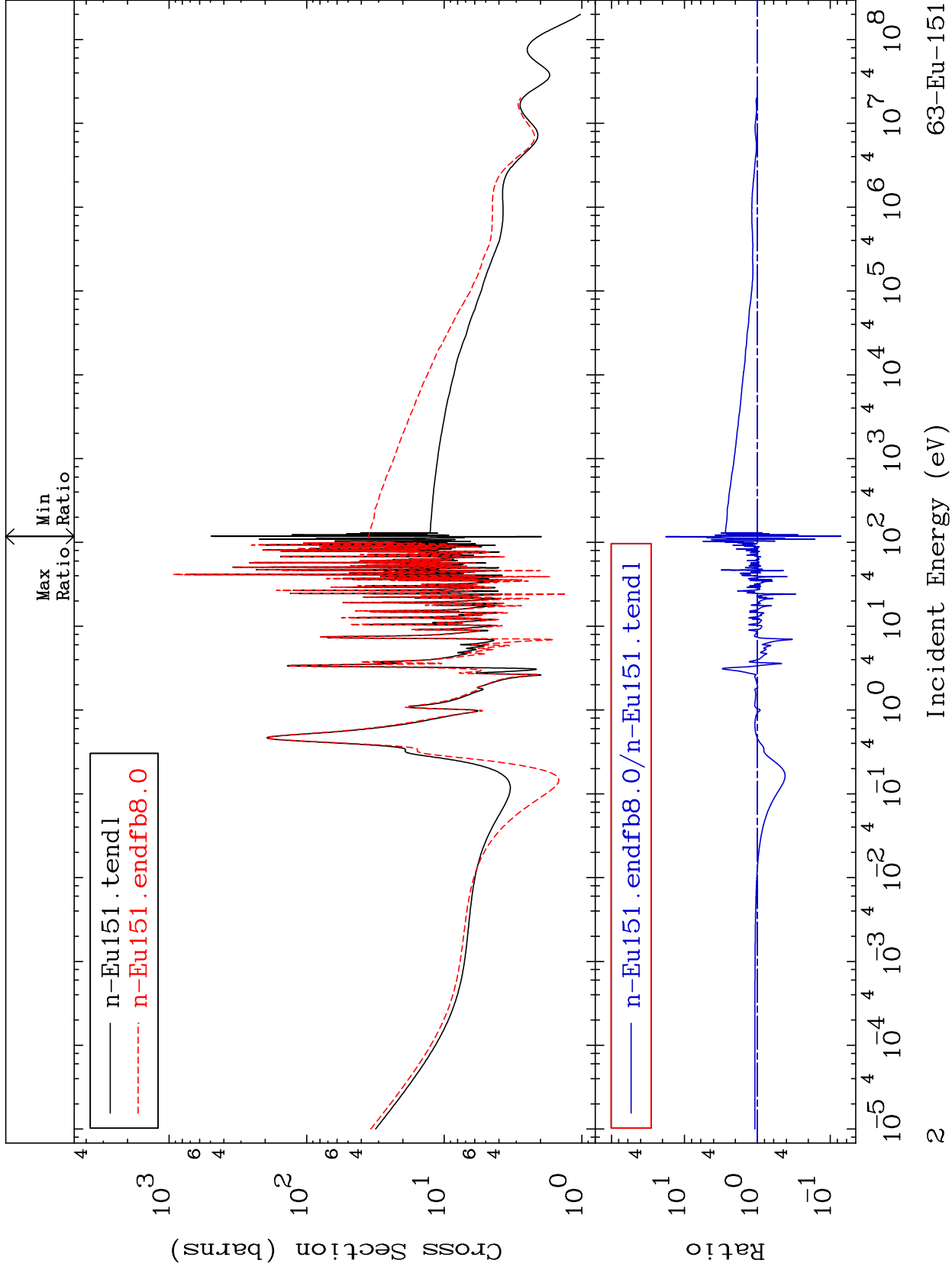
Total Cross Section  
63-Eu-151  
-90.56 To 1066. %



63-Eu-151

MAT 6325

Elastic Cross Section  
63-Eu-151  
-92.83 To 1696. %



63-Eu-151

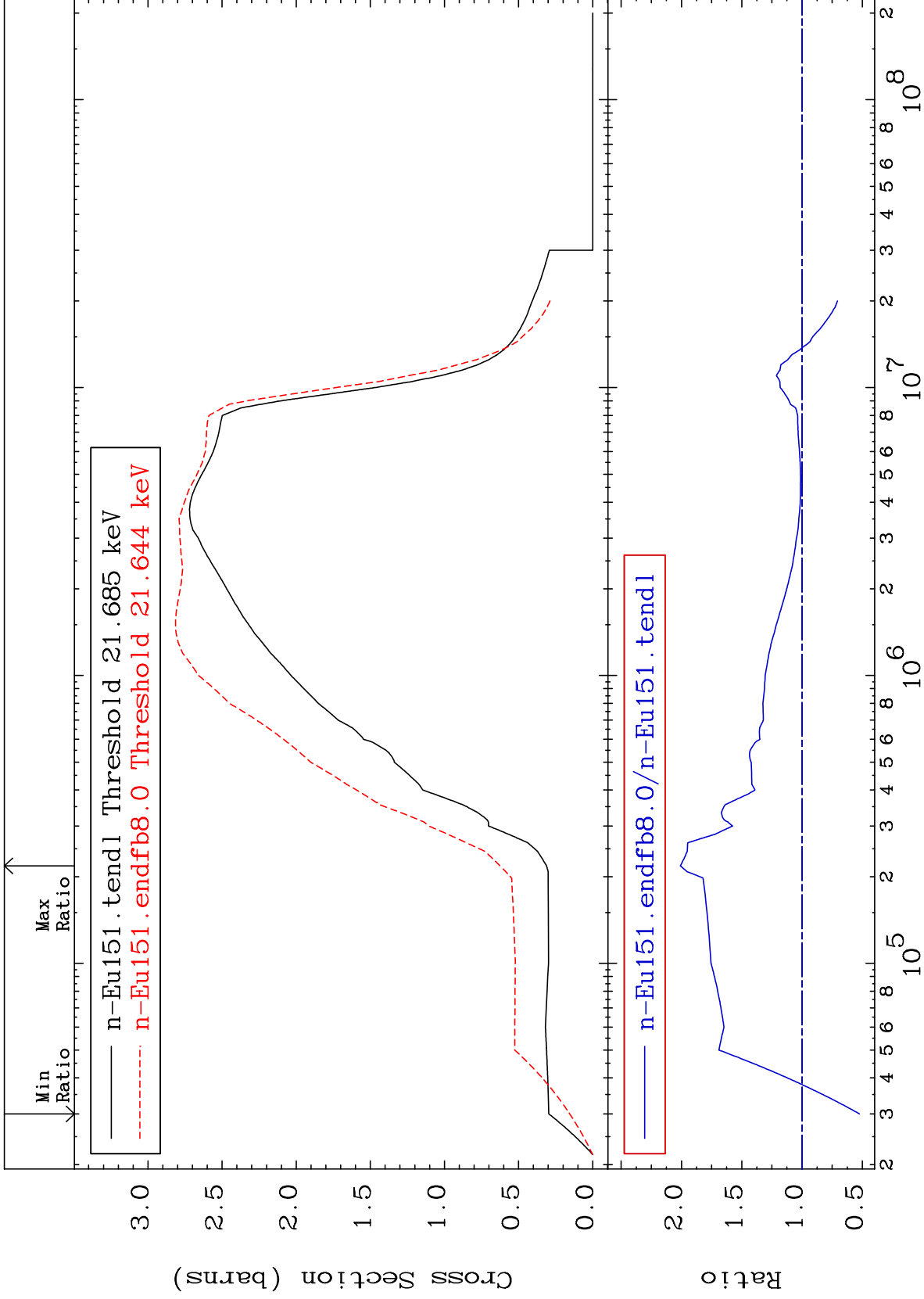
Incident Energy (eV)

2

MAT 6325

Inelastic  
Cross Section

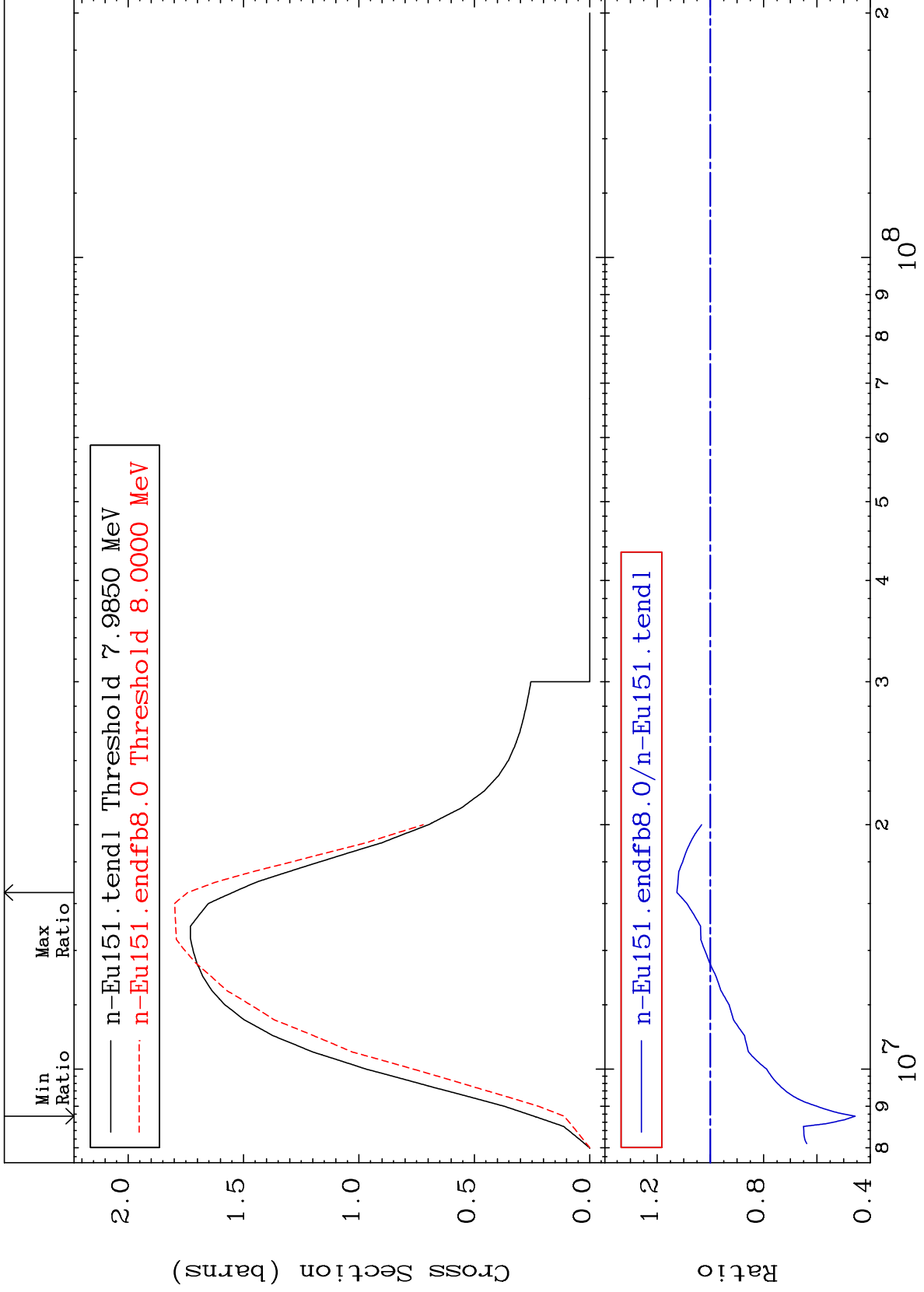
63-Eu-151  
-47.62 To 100.9 %



MAT 6325

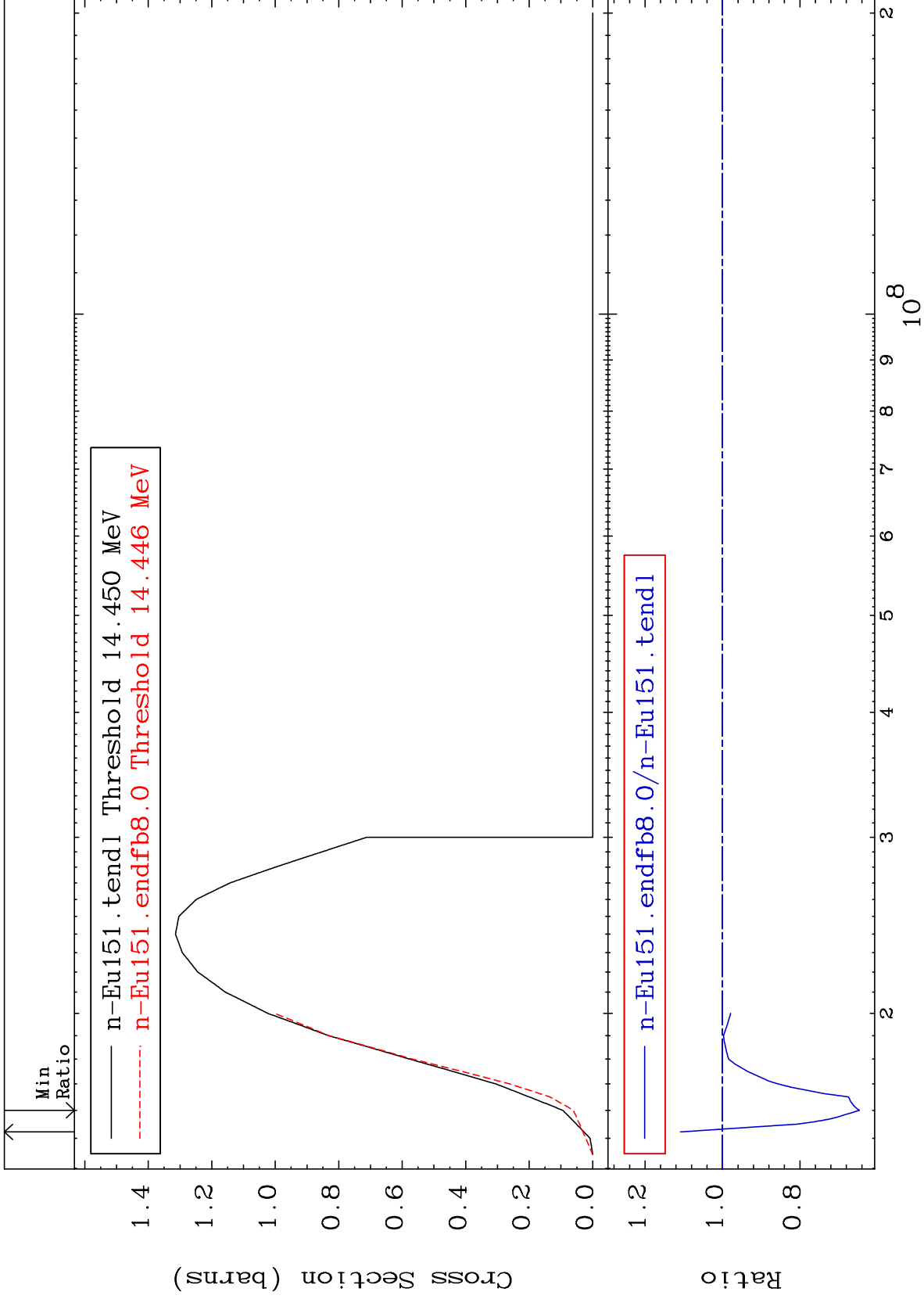
(n,2n)  
Cross Section

63-Eu-151  
-54.31 To 12.55 %



63-Eu-151

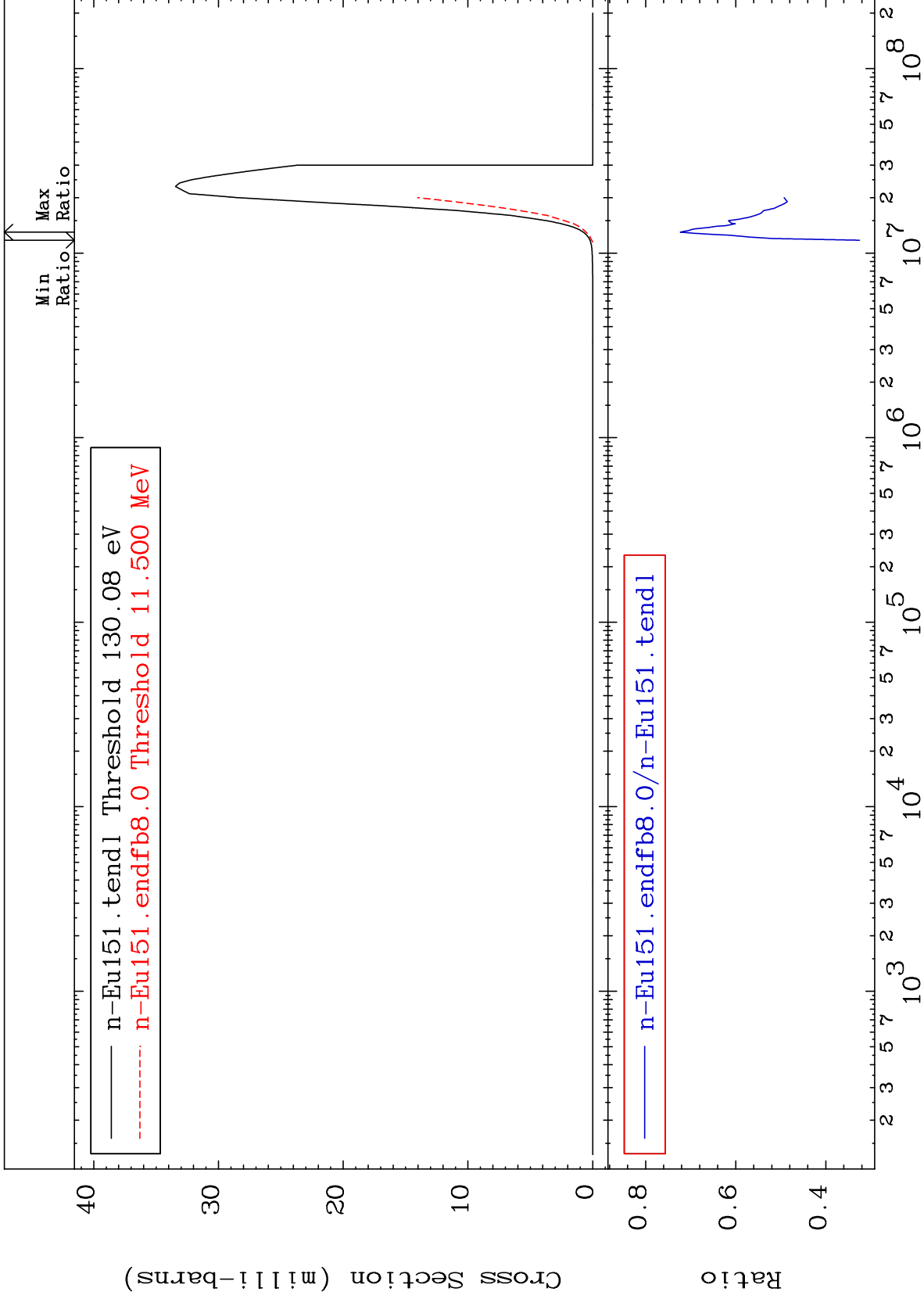
4



MAT 6325

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

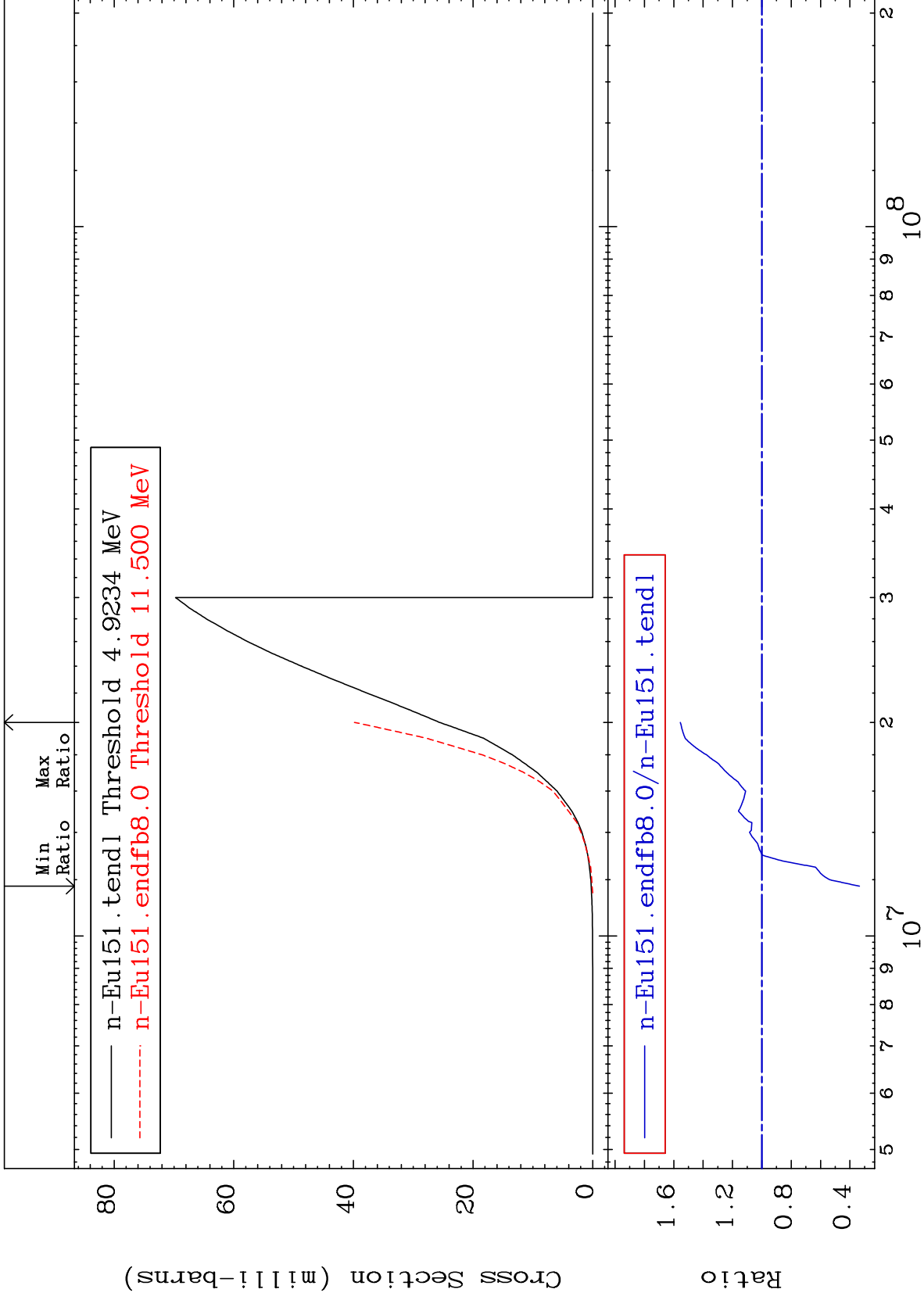
63-Eu-151  
-67.46 To -27.71%



MAT 6325

(n, n') p  
Cross Section

63-Eu-151  
-66.48 To 55.50 %



7

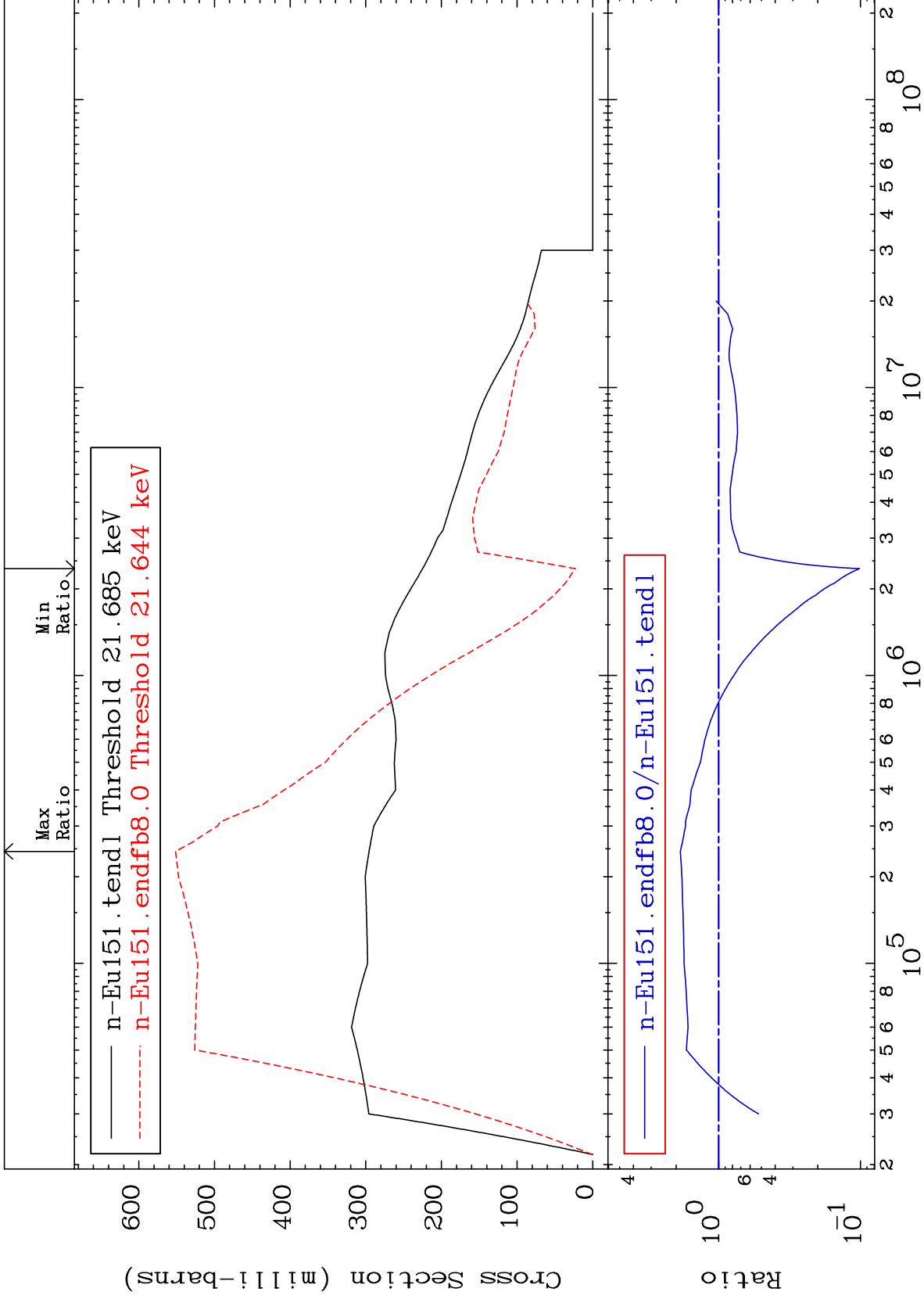
Incident Energy (eV)

63-Eu-151

MAT 6325

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

63-Eu-151  
-89.84 To 86.59 %

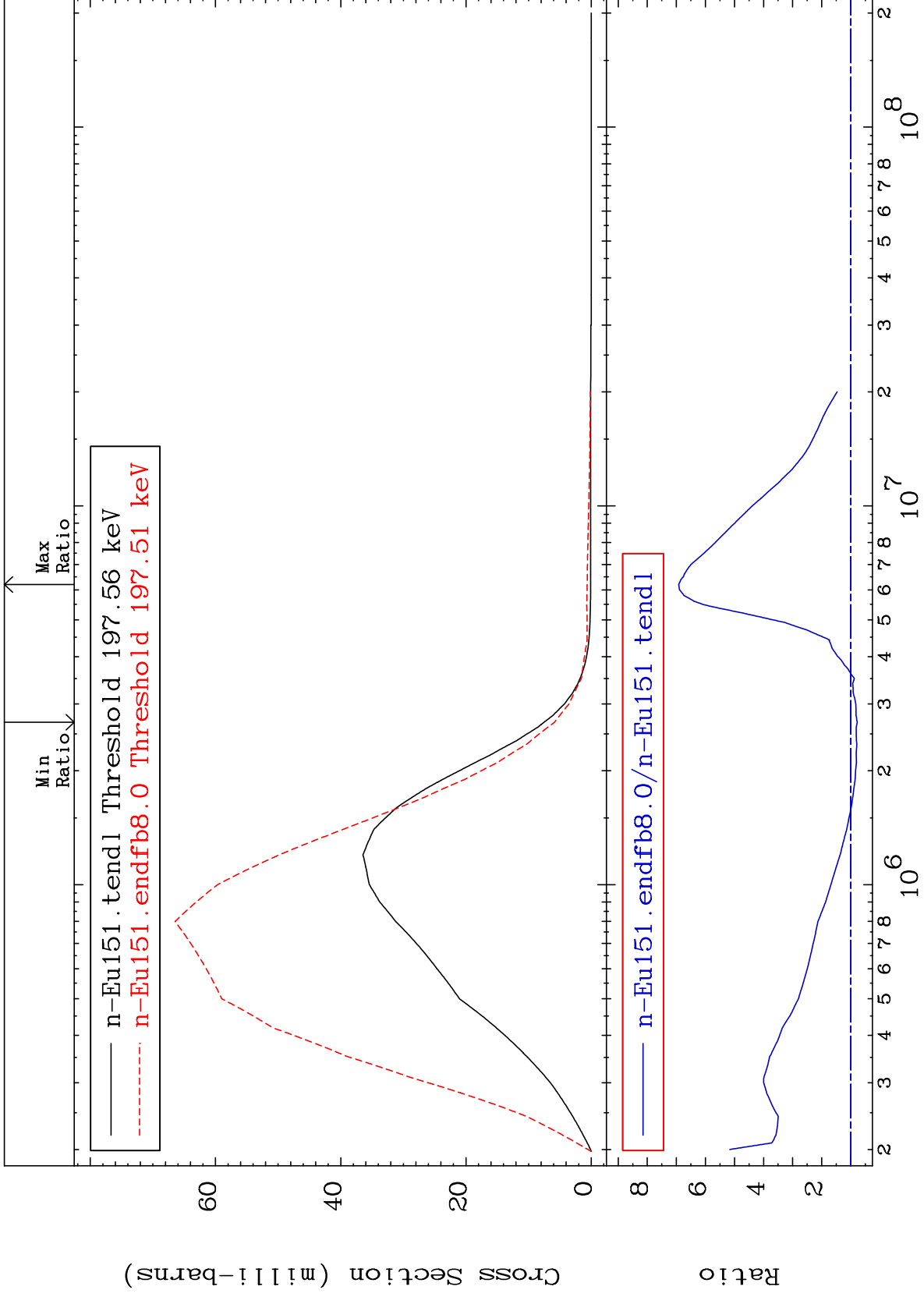




MAT 6325

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

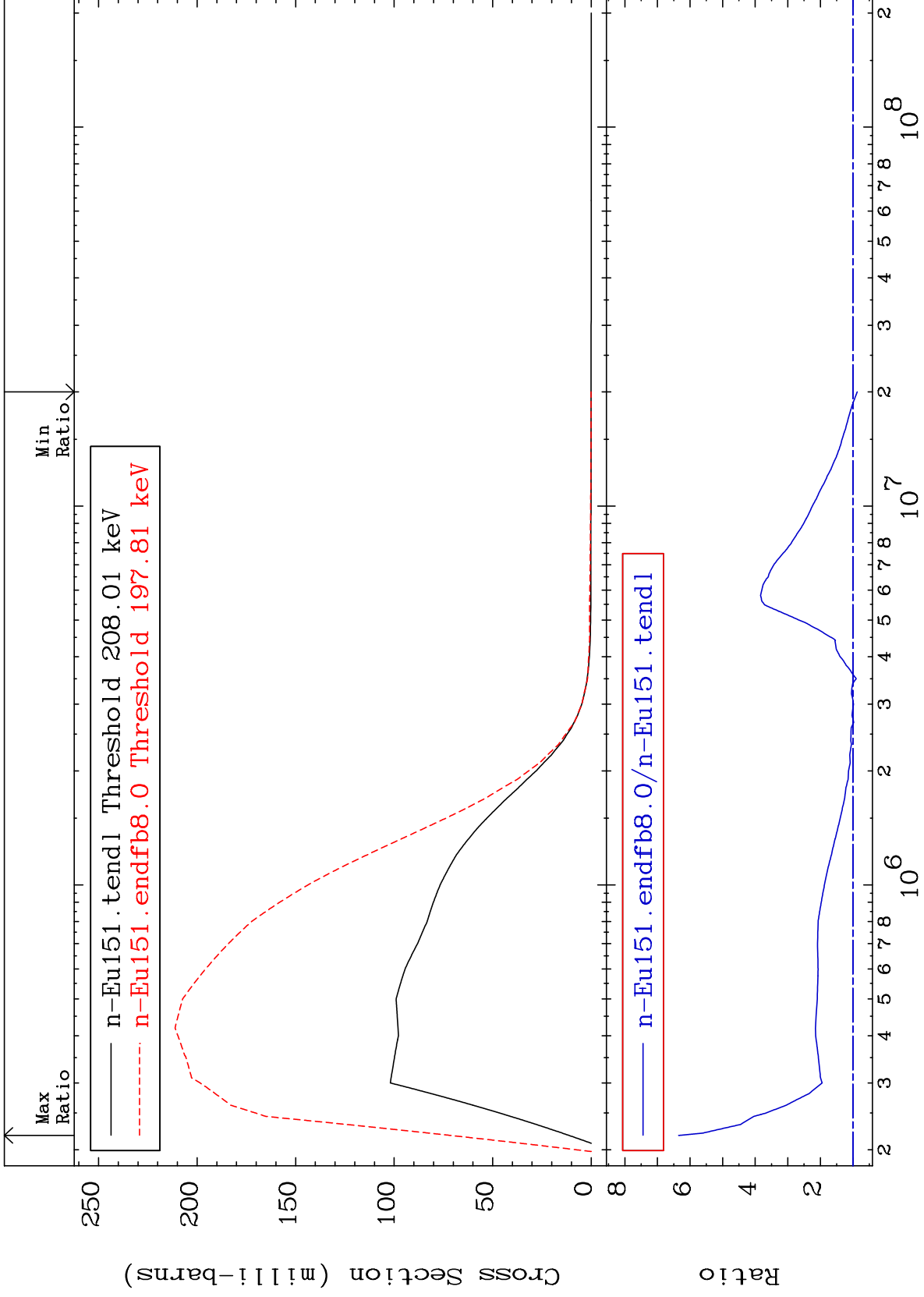
63-Eu-151  
-22.21 To 592.1 %



MAT 6325

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

63-Eu-151  
-13.15 To 535.0 %



10

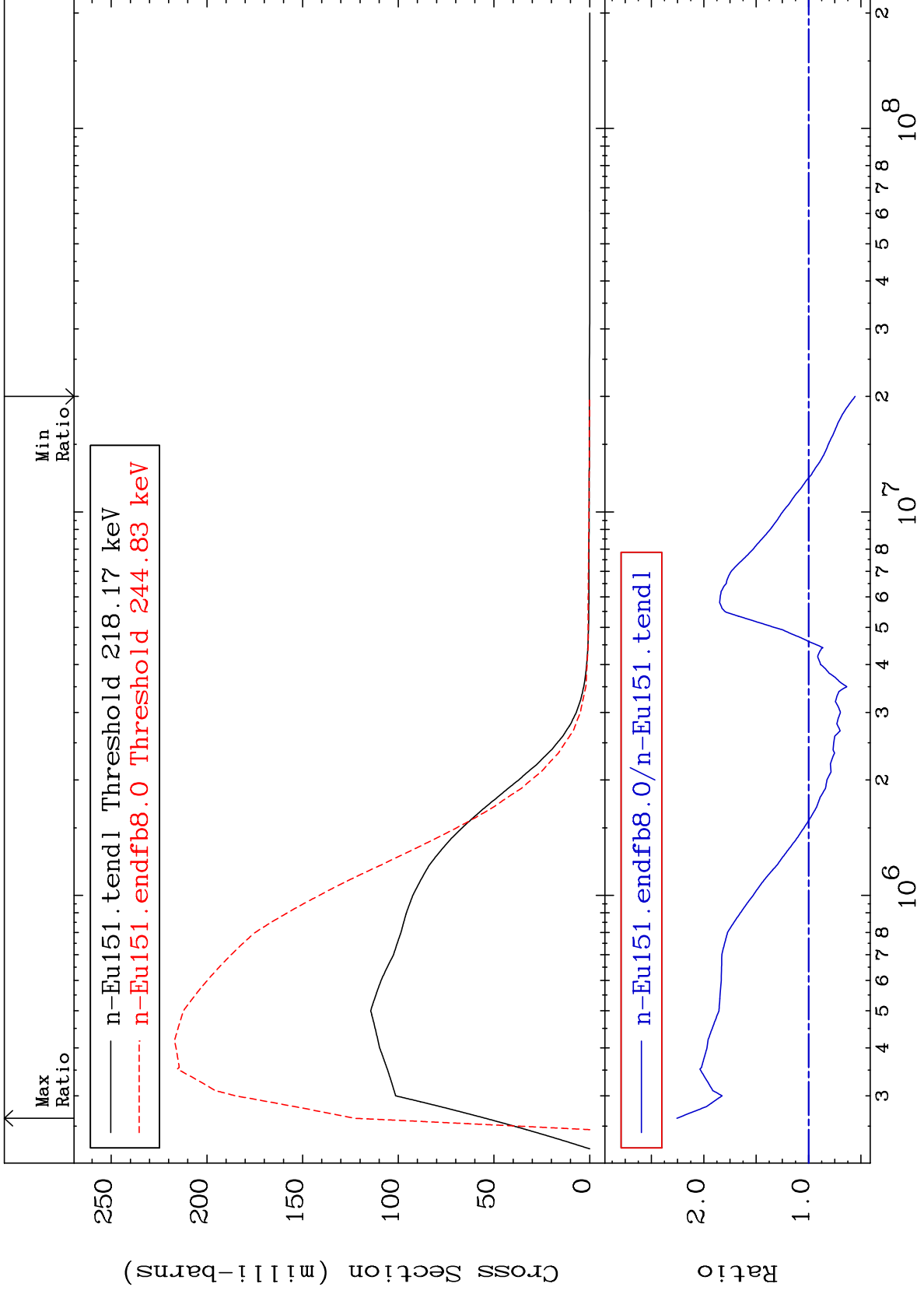
Incident Energy (eV)

63-Eu-151

MAT 6325

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

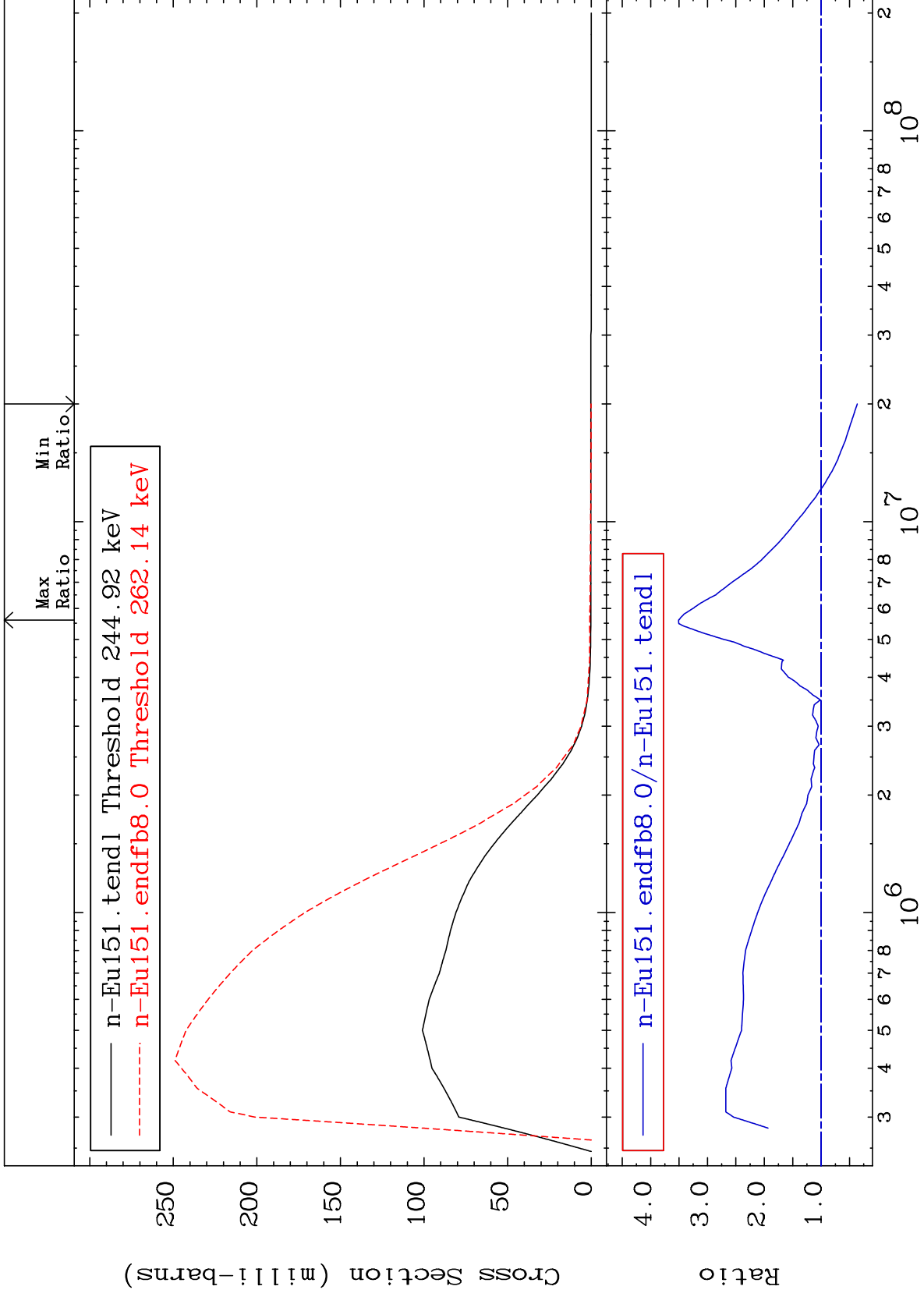
63-Eu-151  
-44.43 To 125.6 %



MAT 6325

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

63-Eu-151  
-63.60 To 250.7 %



12

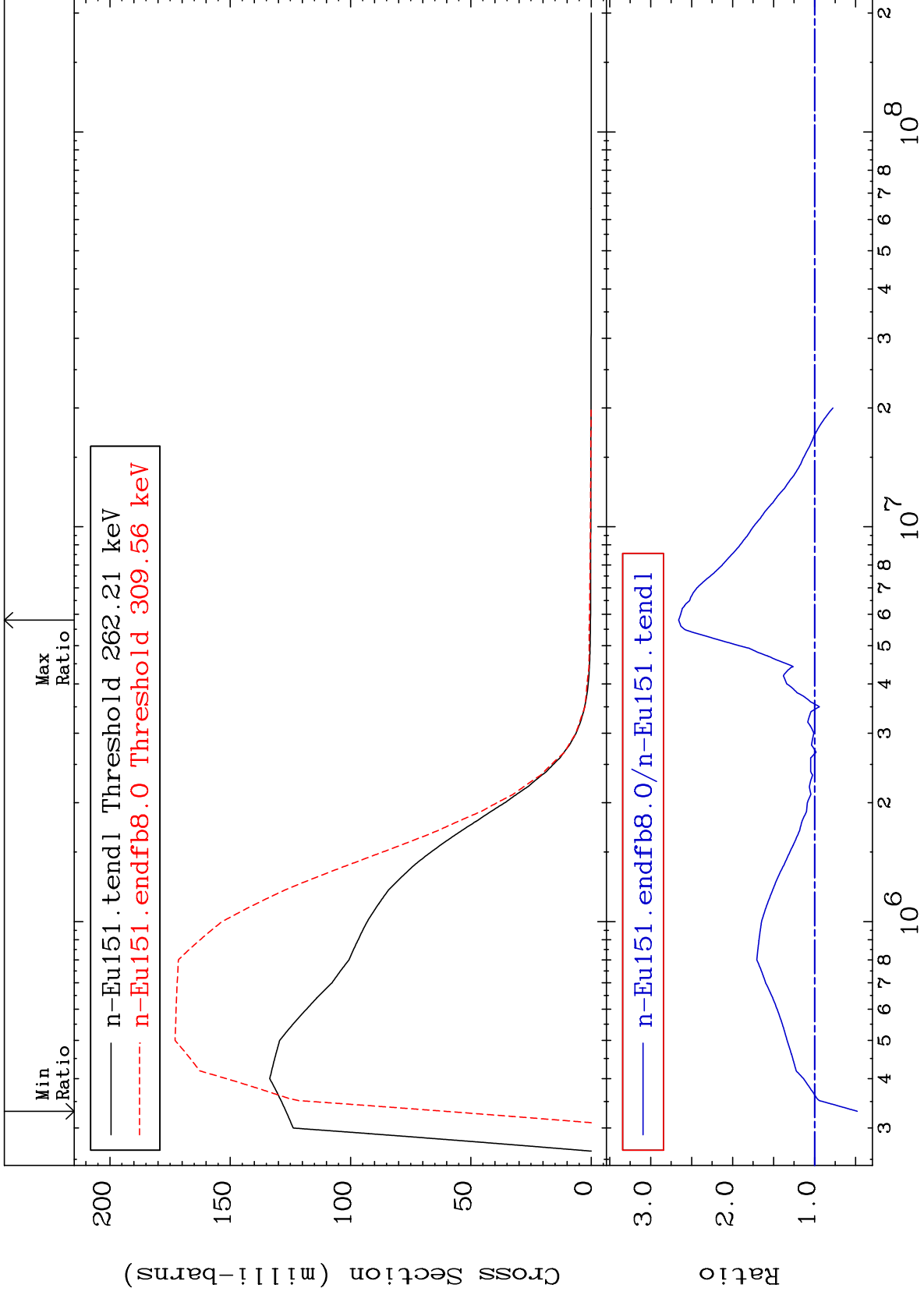
Incident Energy (eV)

63-Eu-151

MAT 6325

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

63-Eu-151  
-52.02 To 165.9 %



13

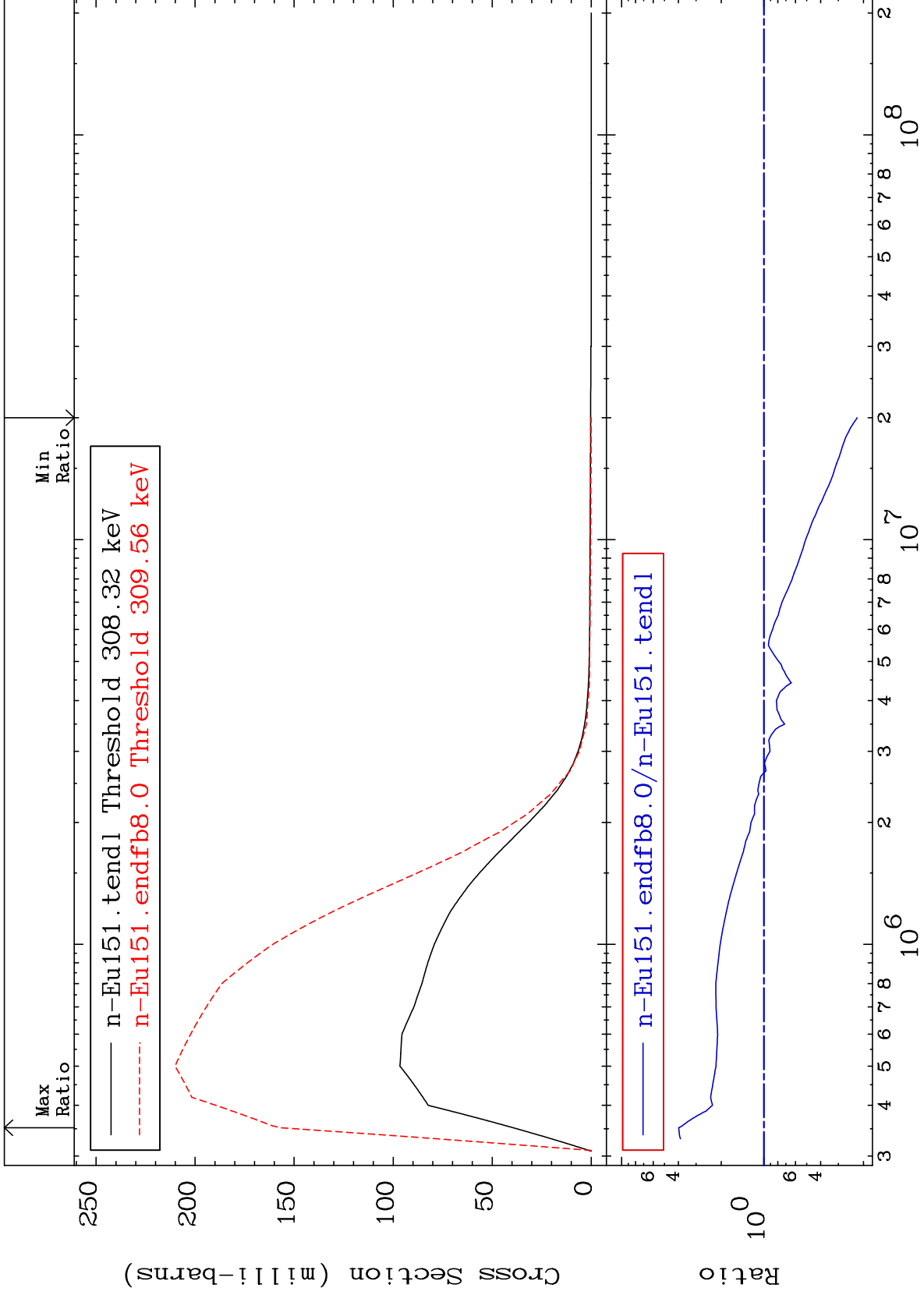
Incident Energy (eV)

63-Eu-151

MAT 6325

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

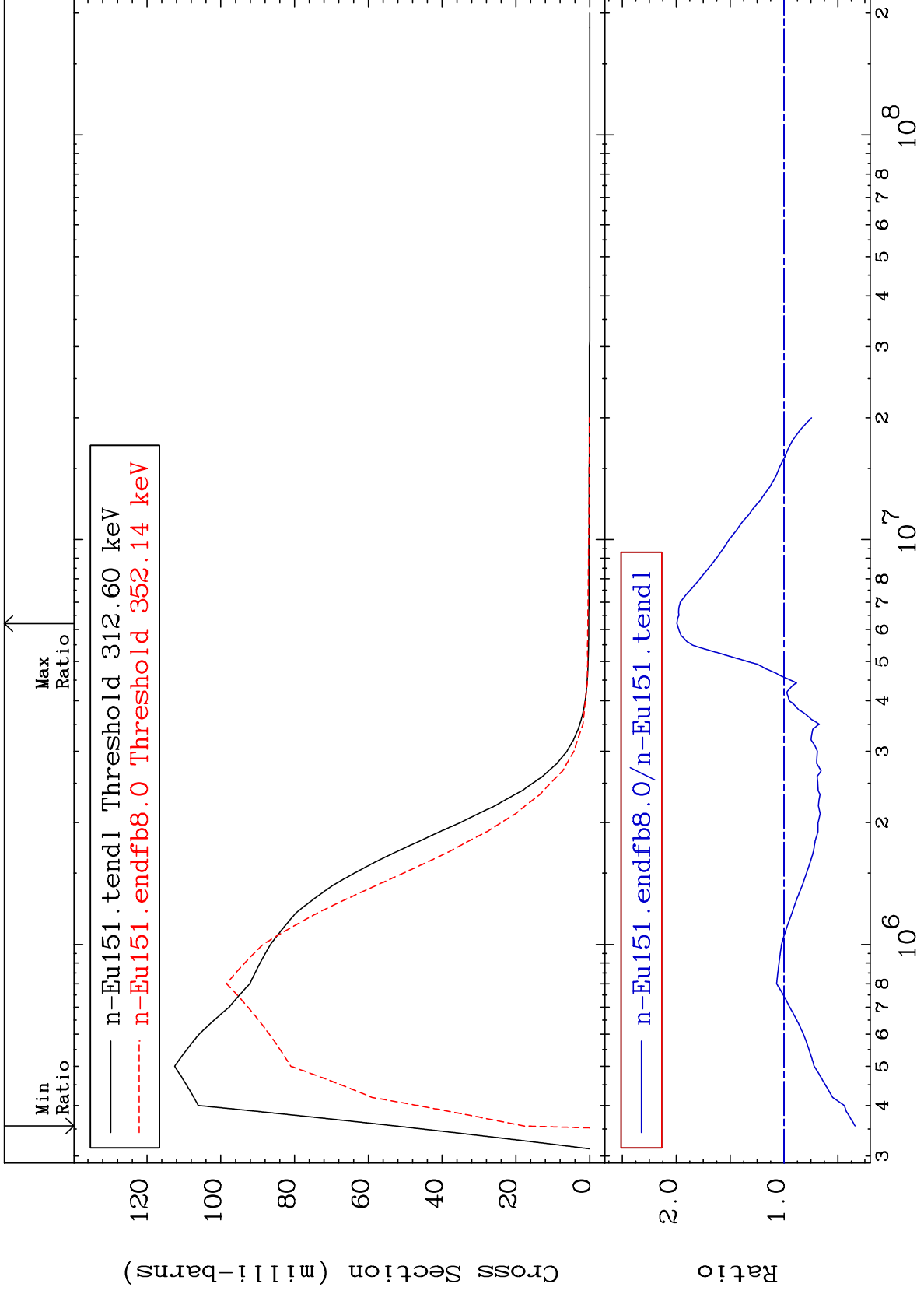
63-Eu-151  
-77.91 To 297.9 %



MAT 6325

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

63-Eu-151  
-65.91 To 99.35 %



15

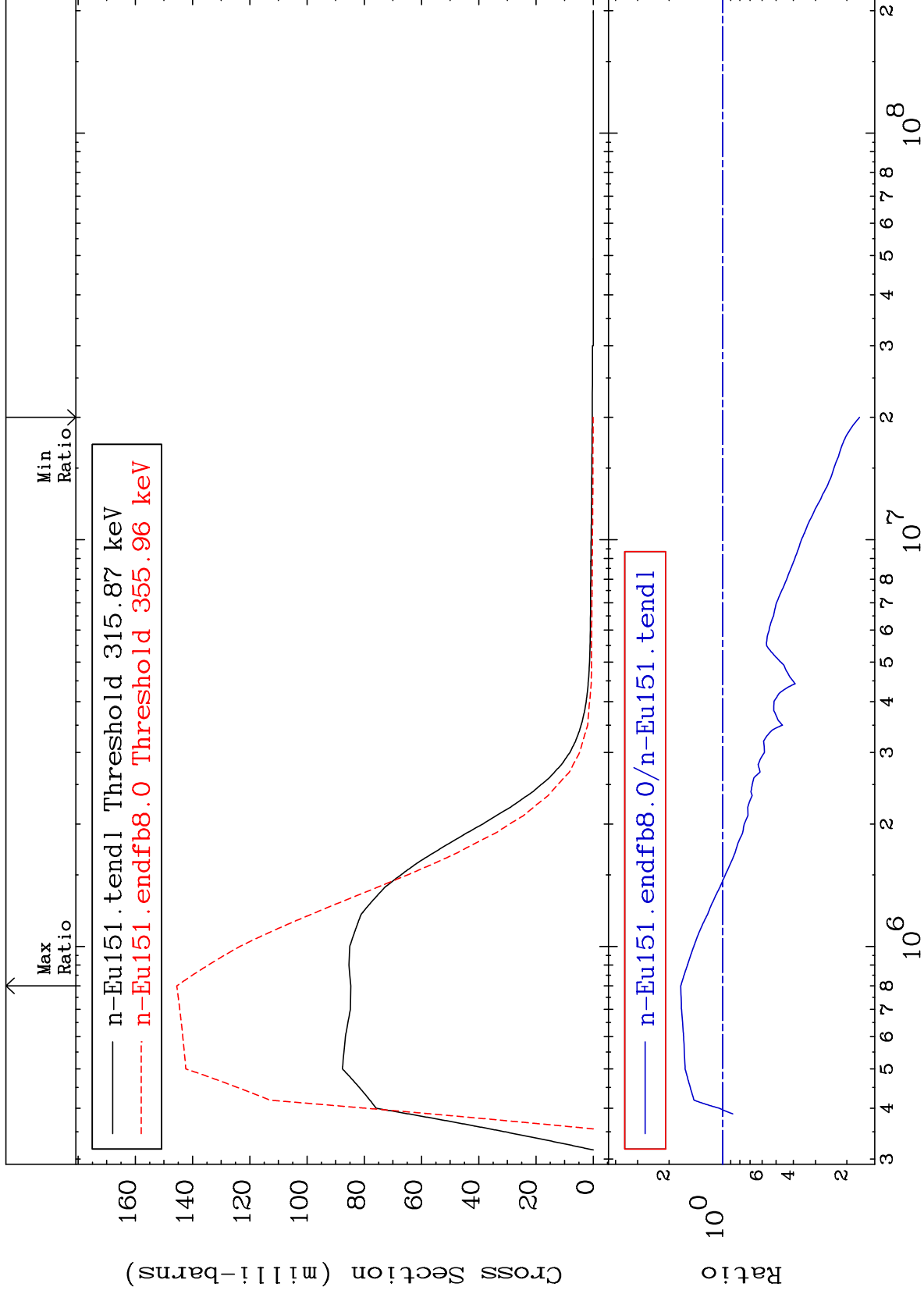
Incident Energy (eV)

63-Eu-151

MAT 6325

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

63-Eu-151  
-83.01 To 71.79 %



16

Incident Energy (eV)

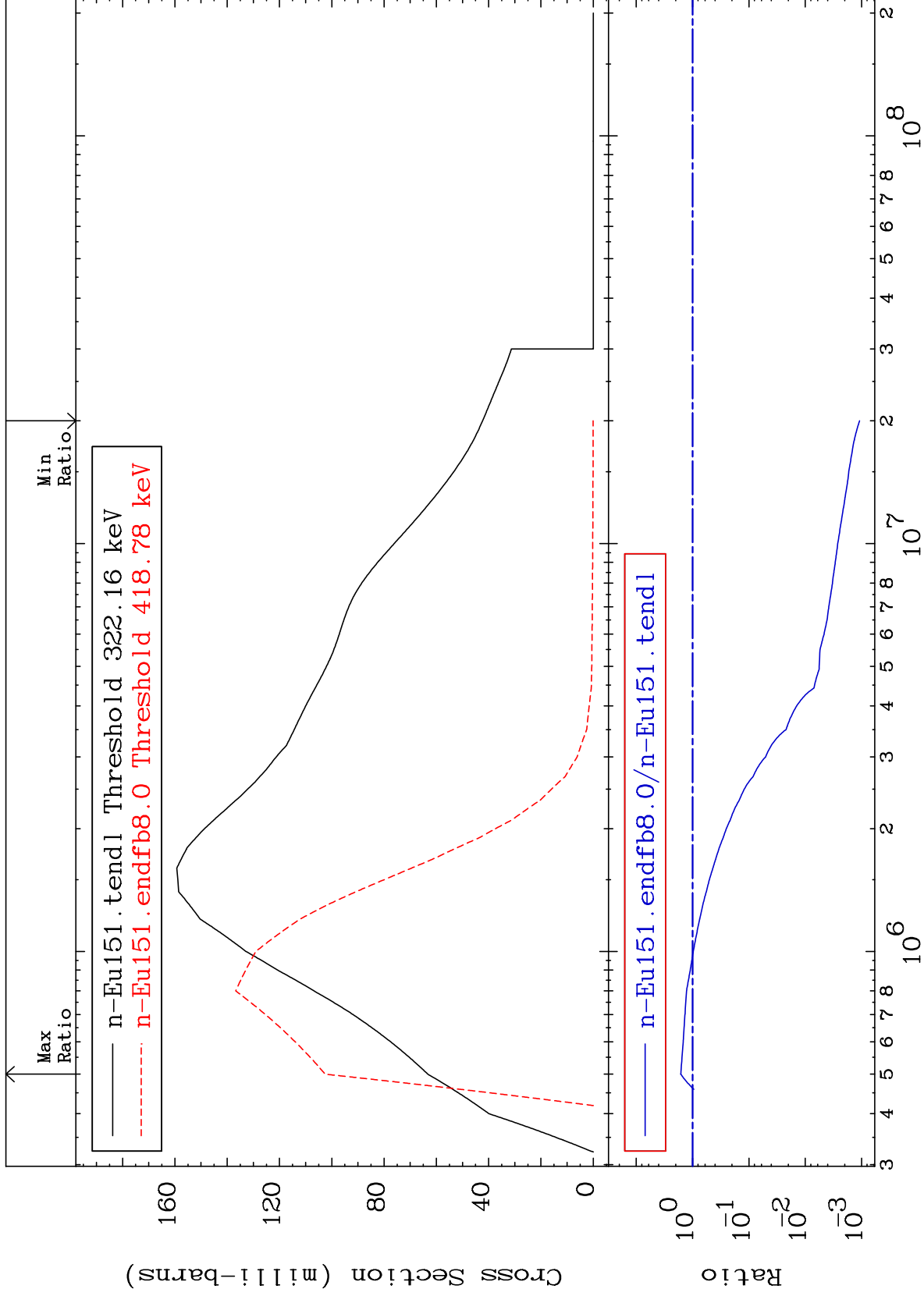
63-Eu-151



MAT 6325

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

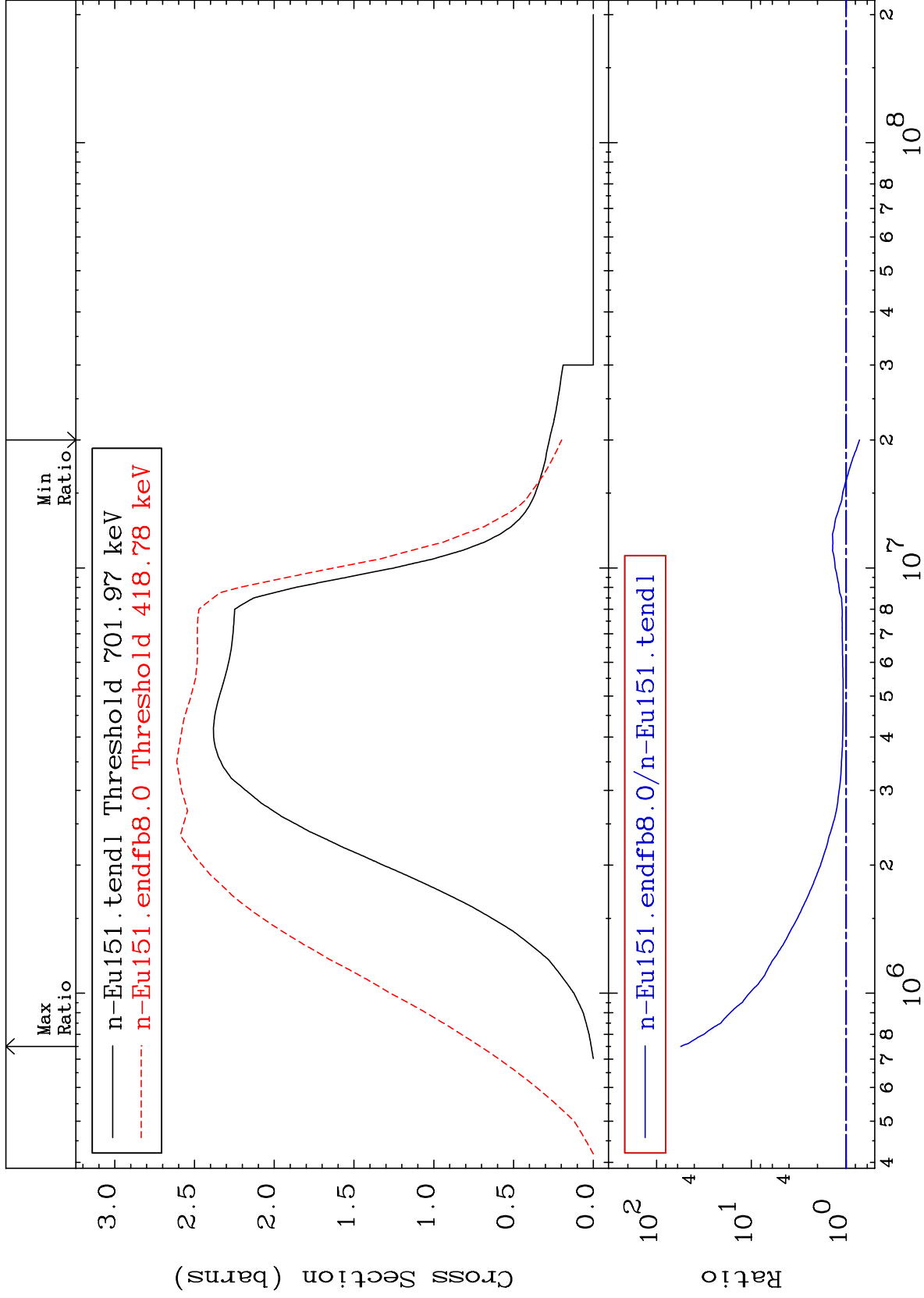
63-Eu-151  
-99.89 To 62.10 %



17

Incident Energy (eV)

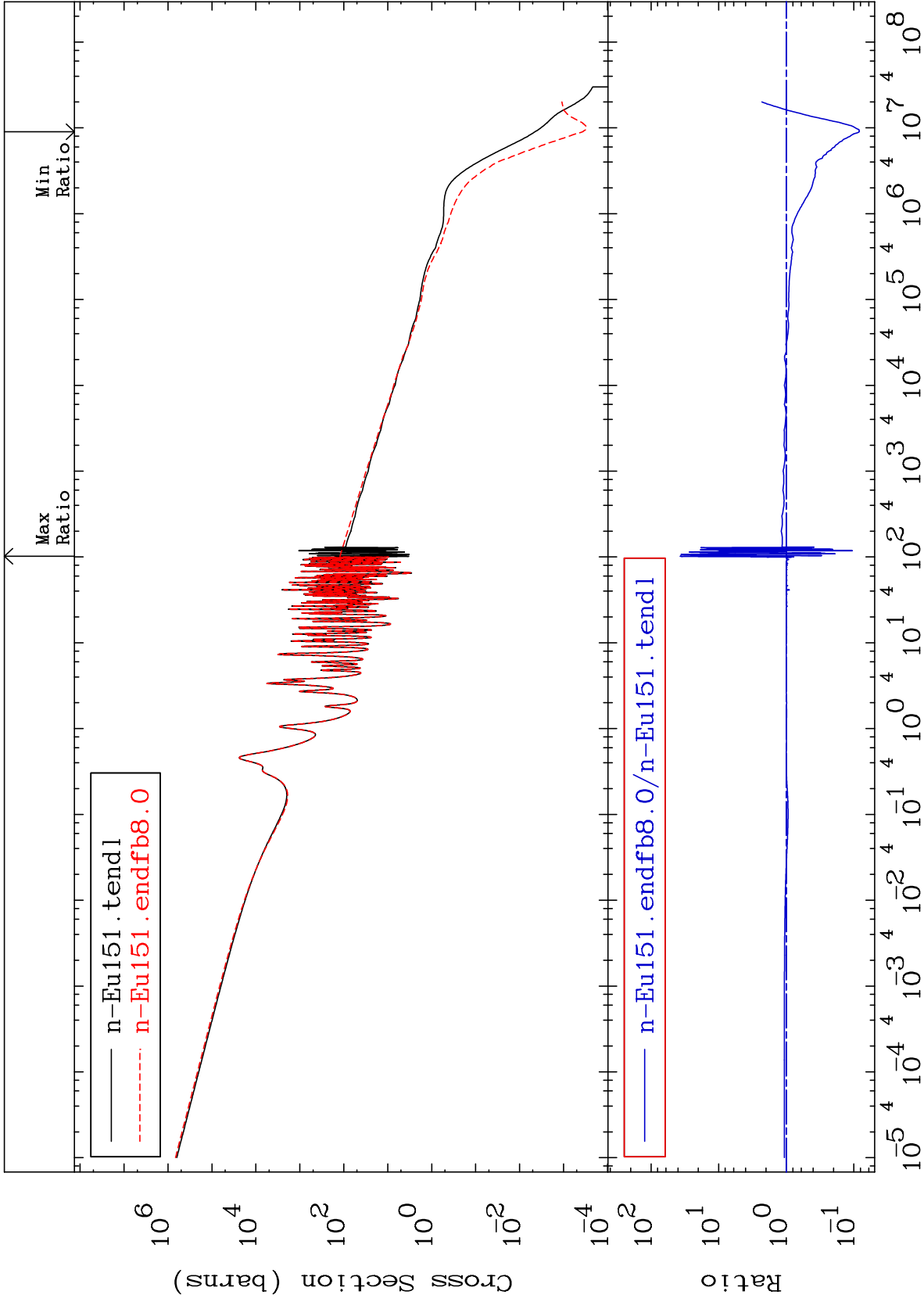
63-Eu-151



MAT 6325

(n,  $\gamma$ )  
Cross Section

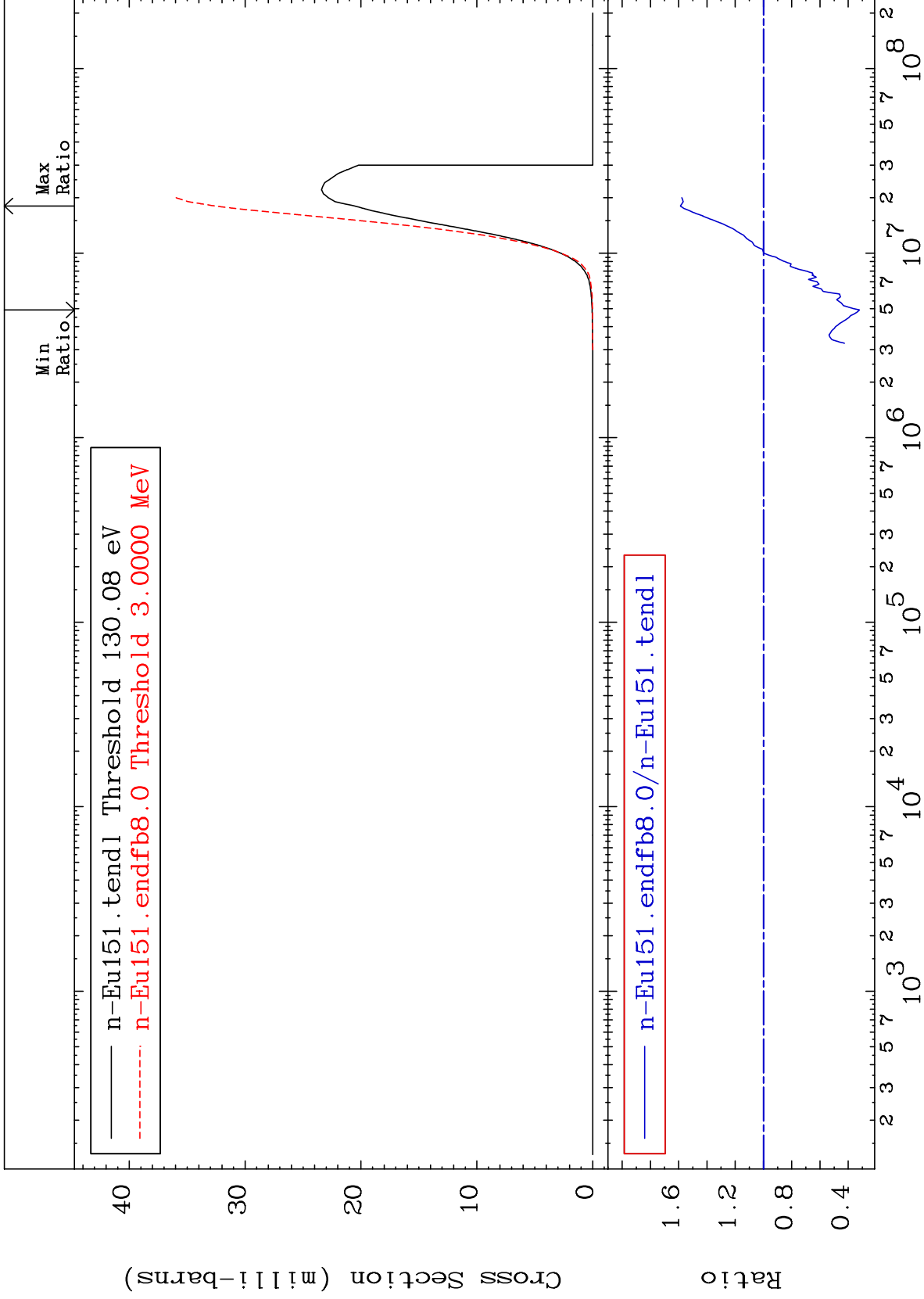
63-Eu-151  
-91.72 To 3583. %



MAT 6325

(n,p)  
Cross Section

63-Eu-151  
-67.91 To 58.80 %



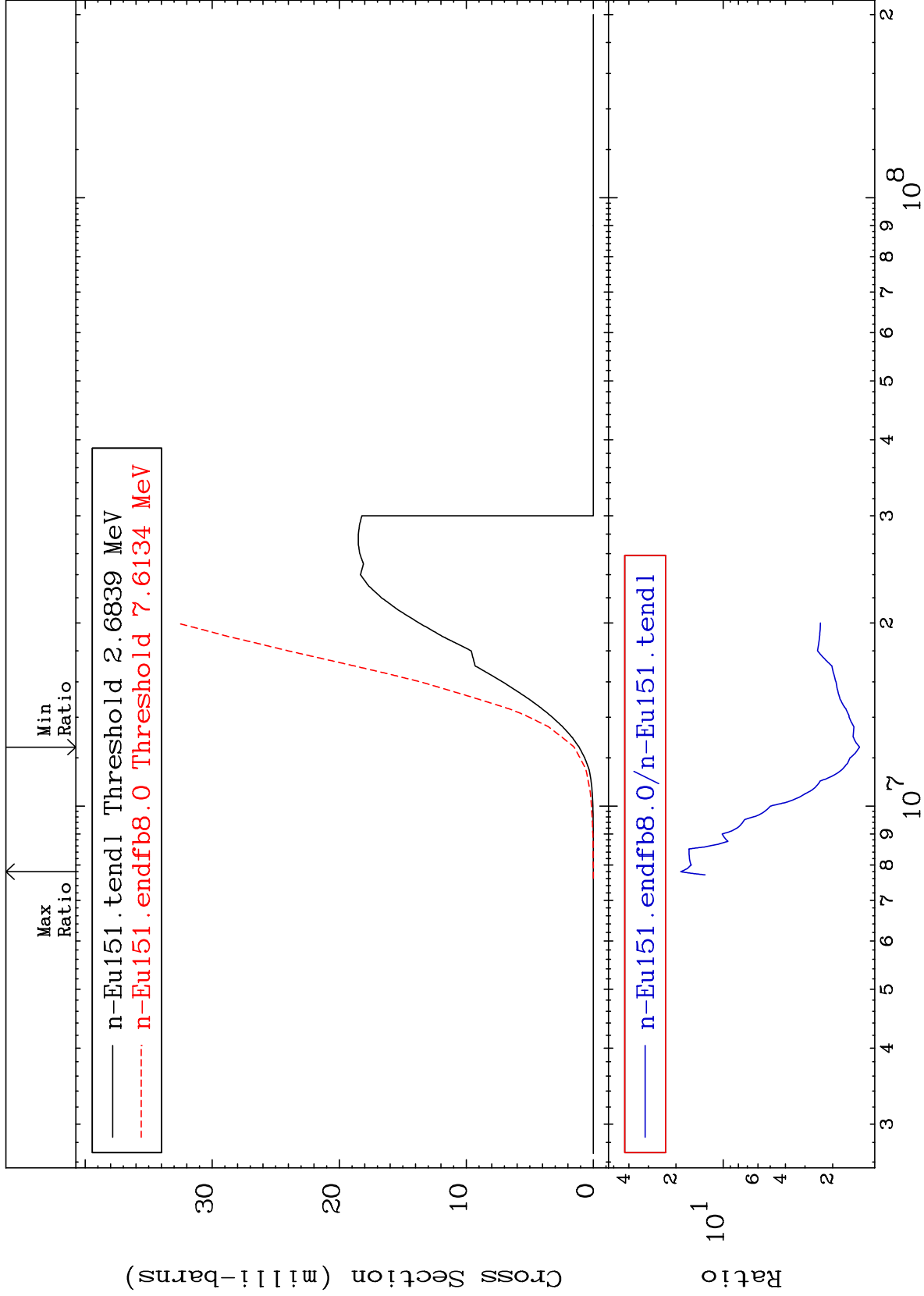
MAT 6325

(n, d)

63-Eu-151

Cross Section

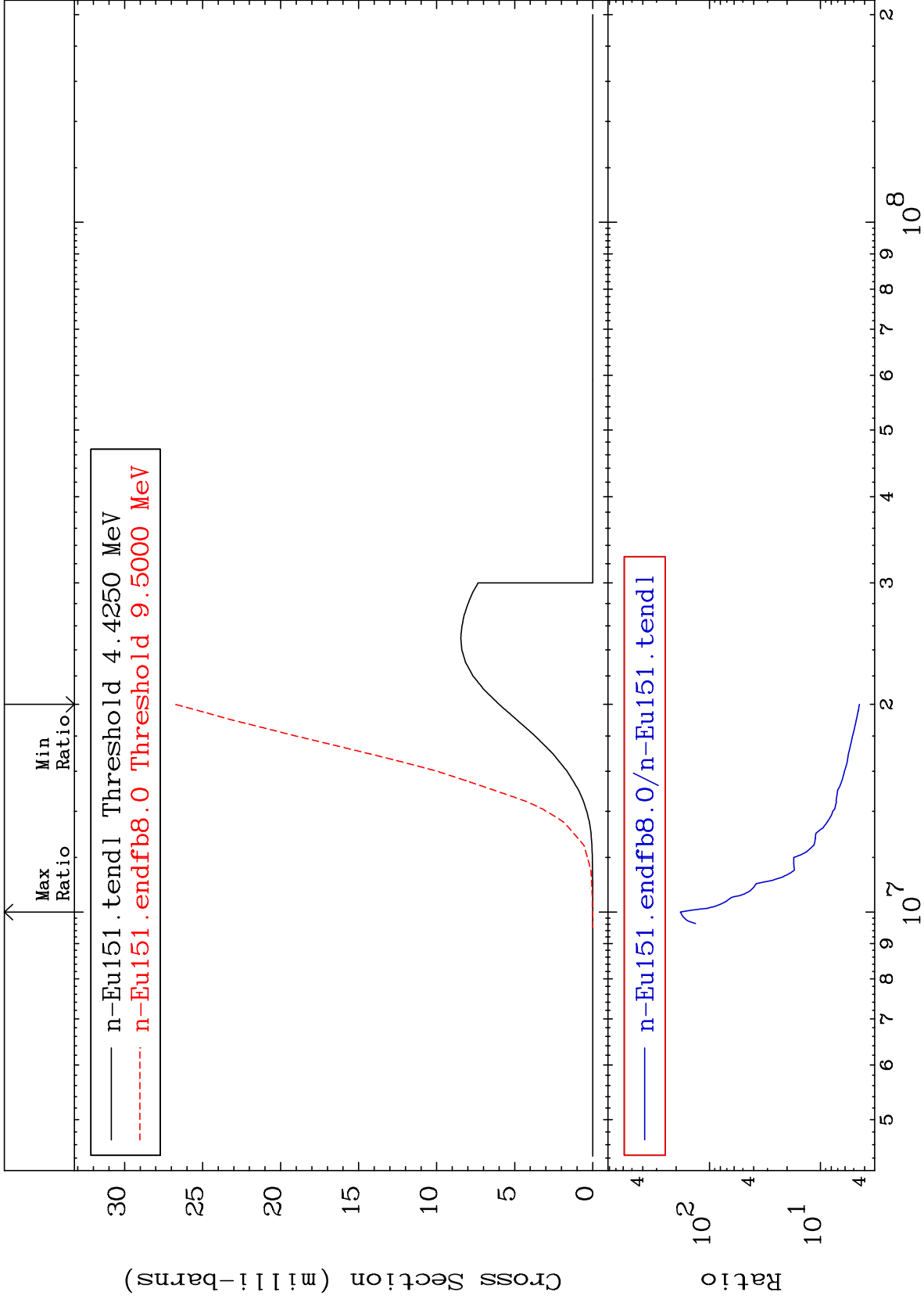
34.64 To 1764. %



21

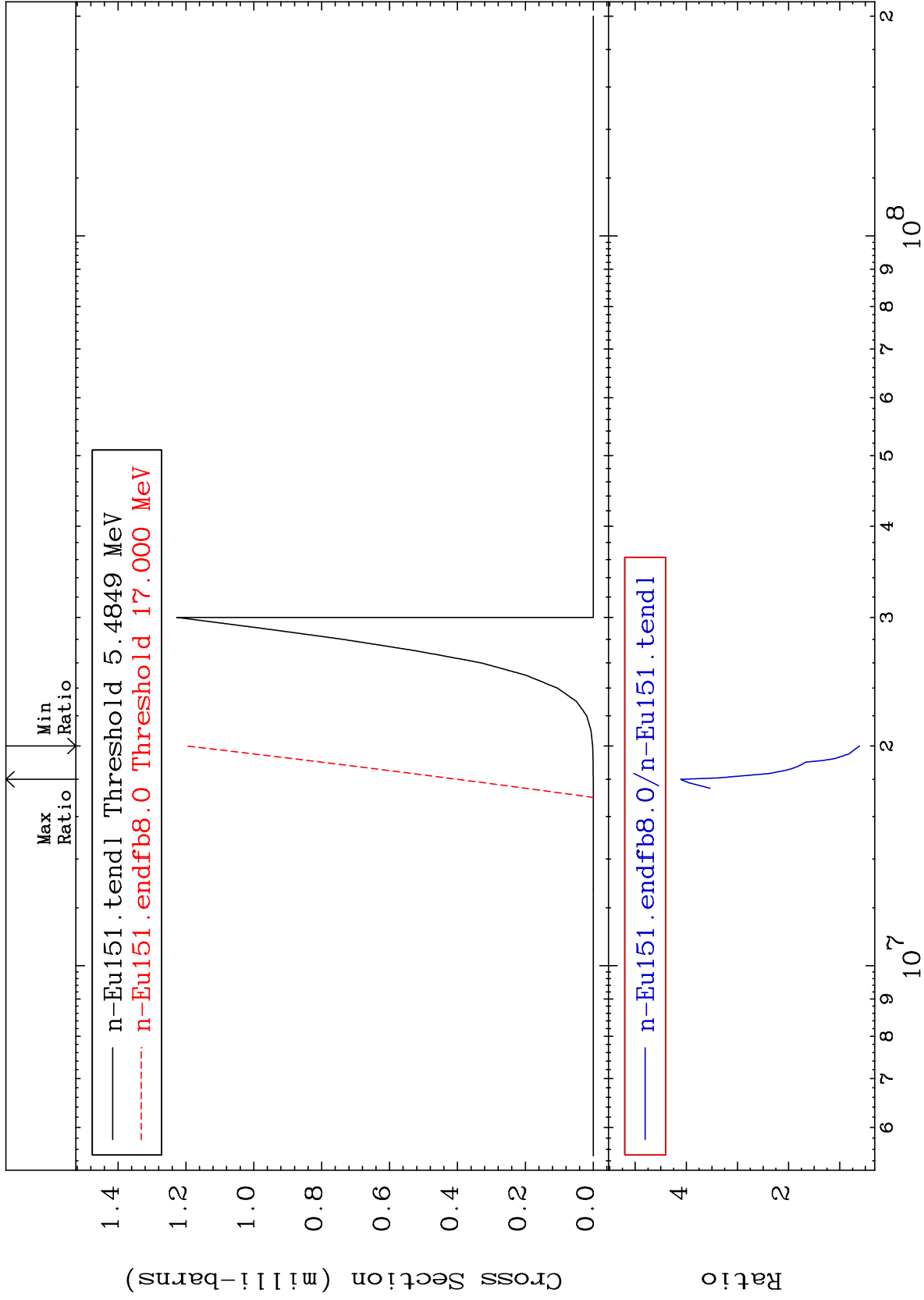
Incident Energy (eV)

63-Eu-151



Cross Section

9999. To 9999. %



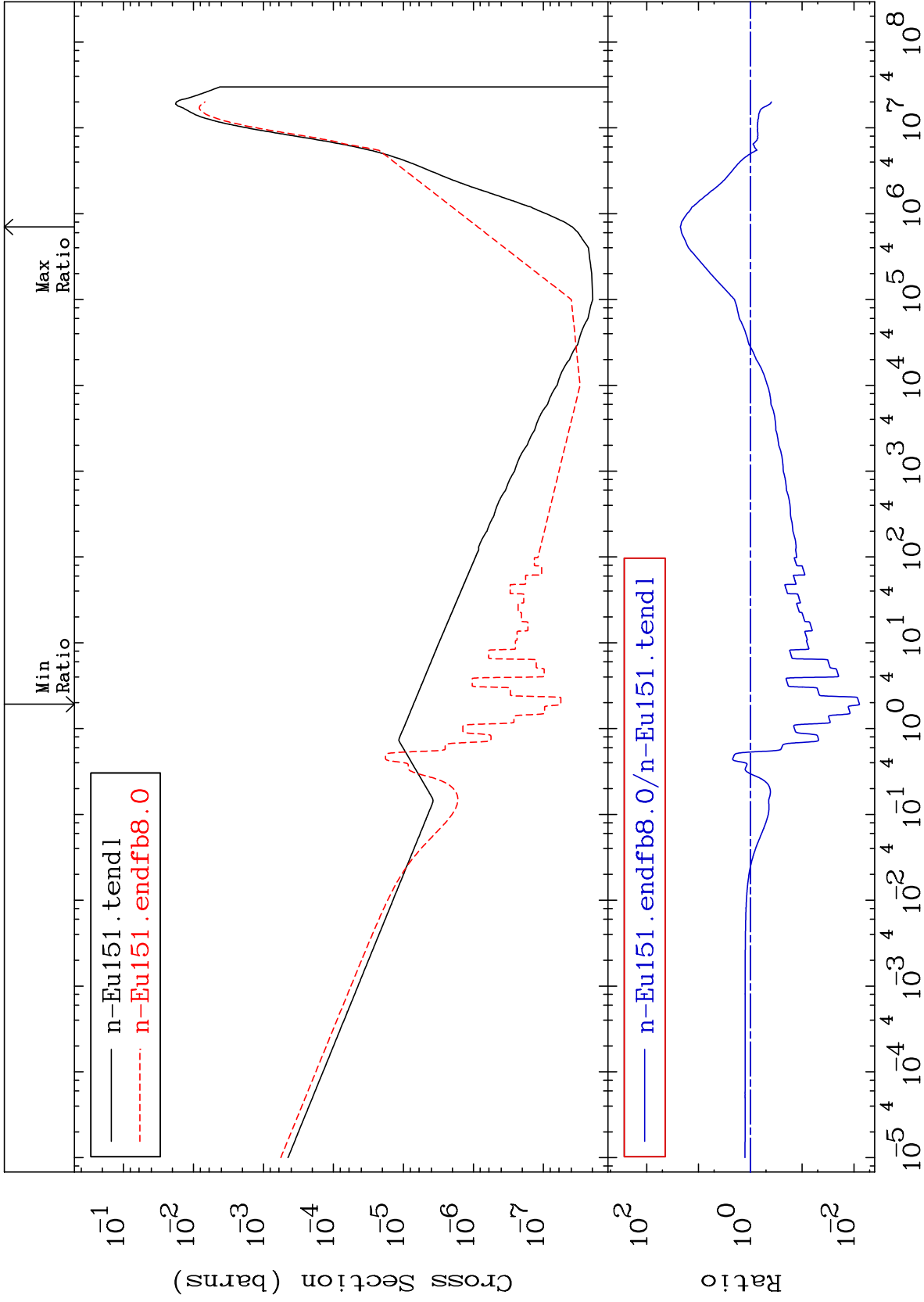
MAT 6325

(n,  $\alpha$ )

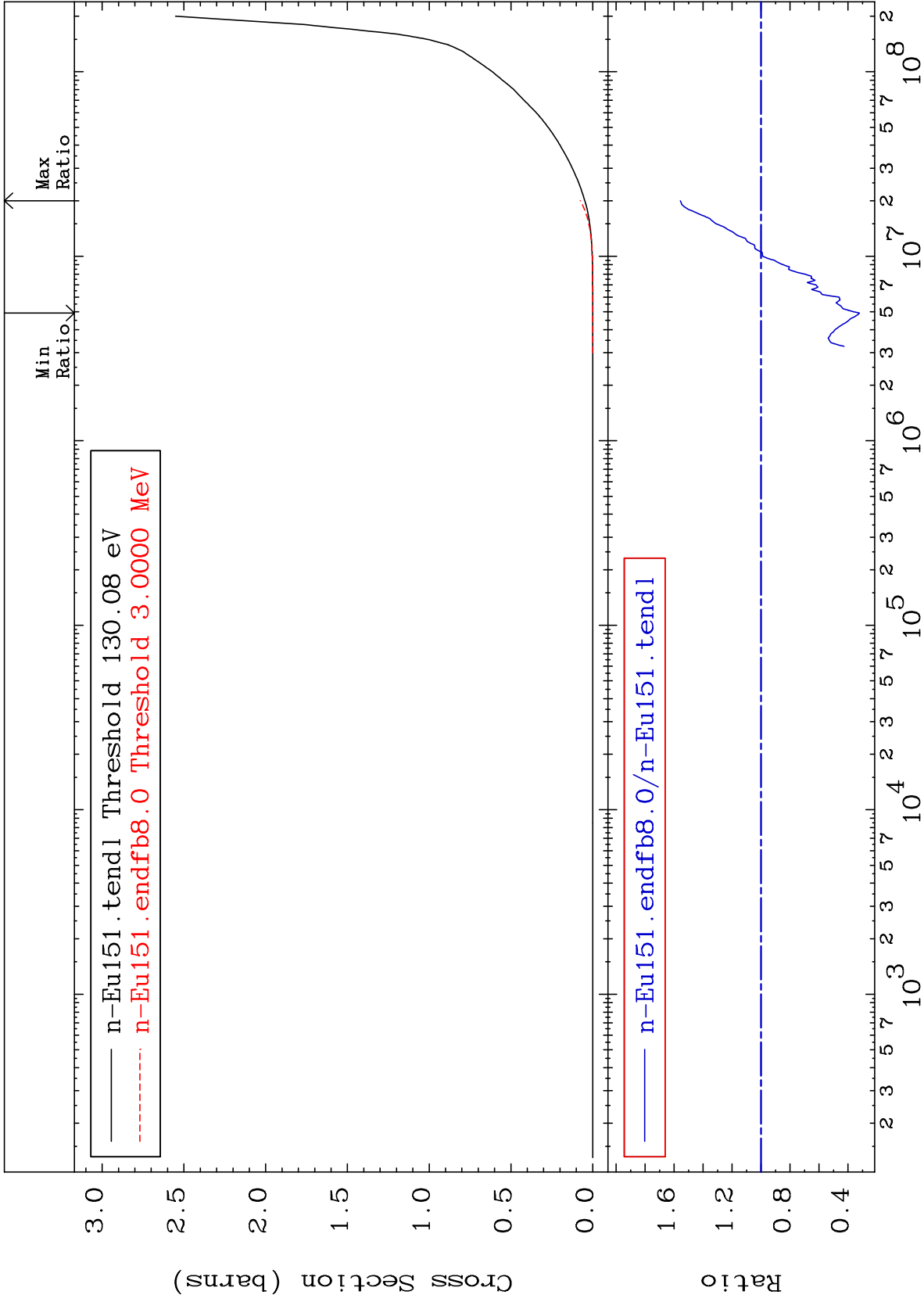
63-Eu-151

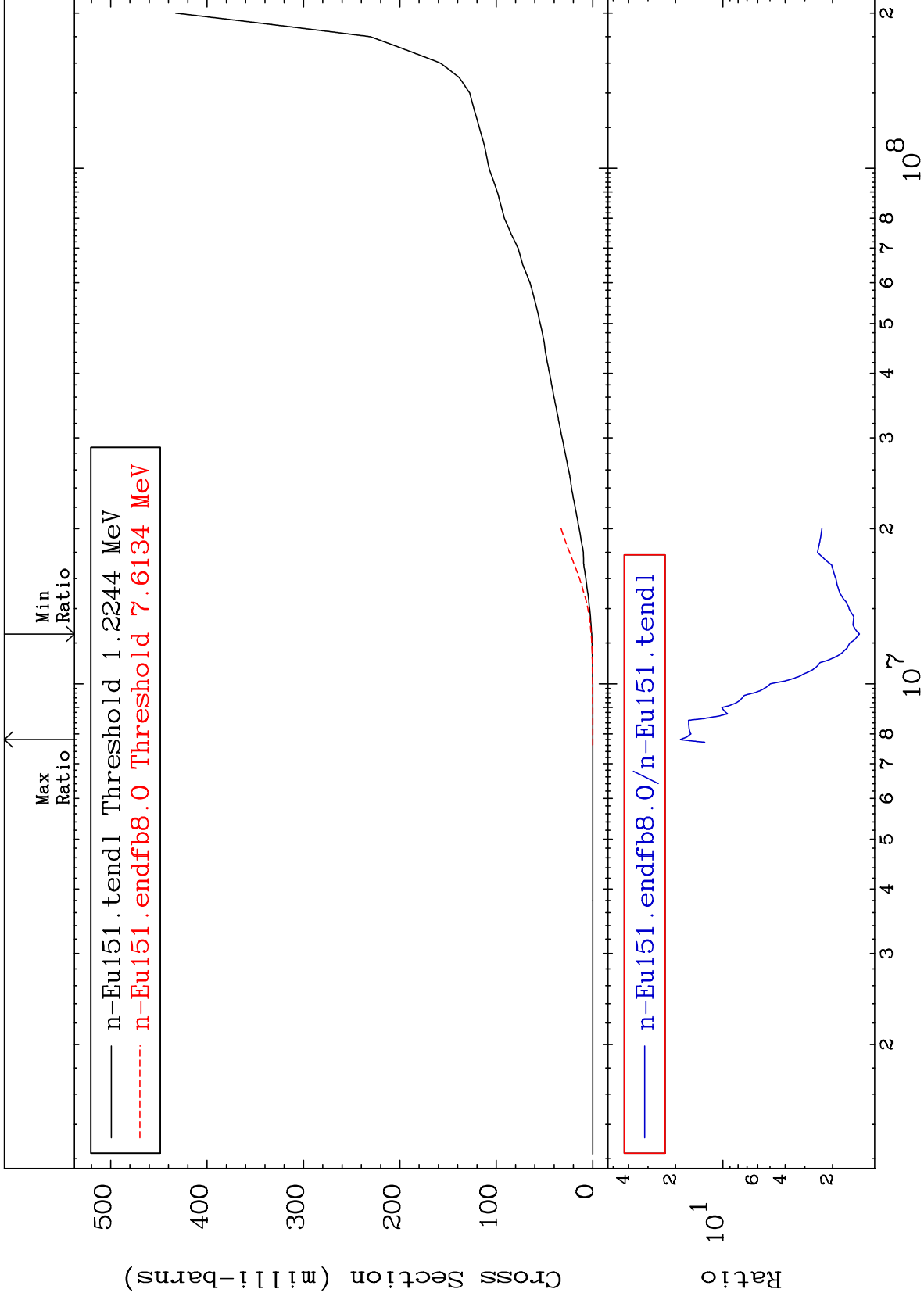
Cross Section

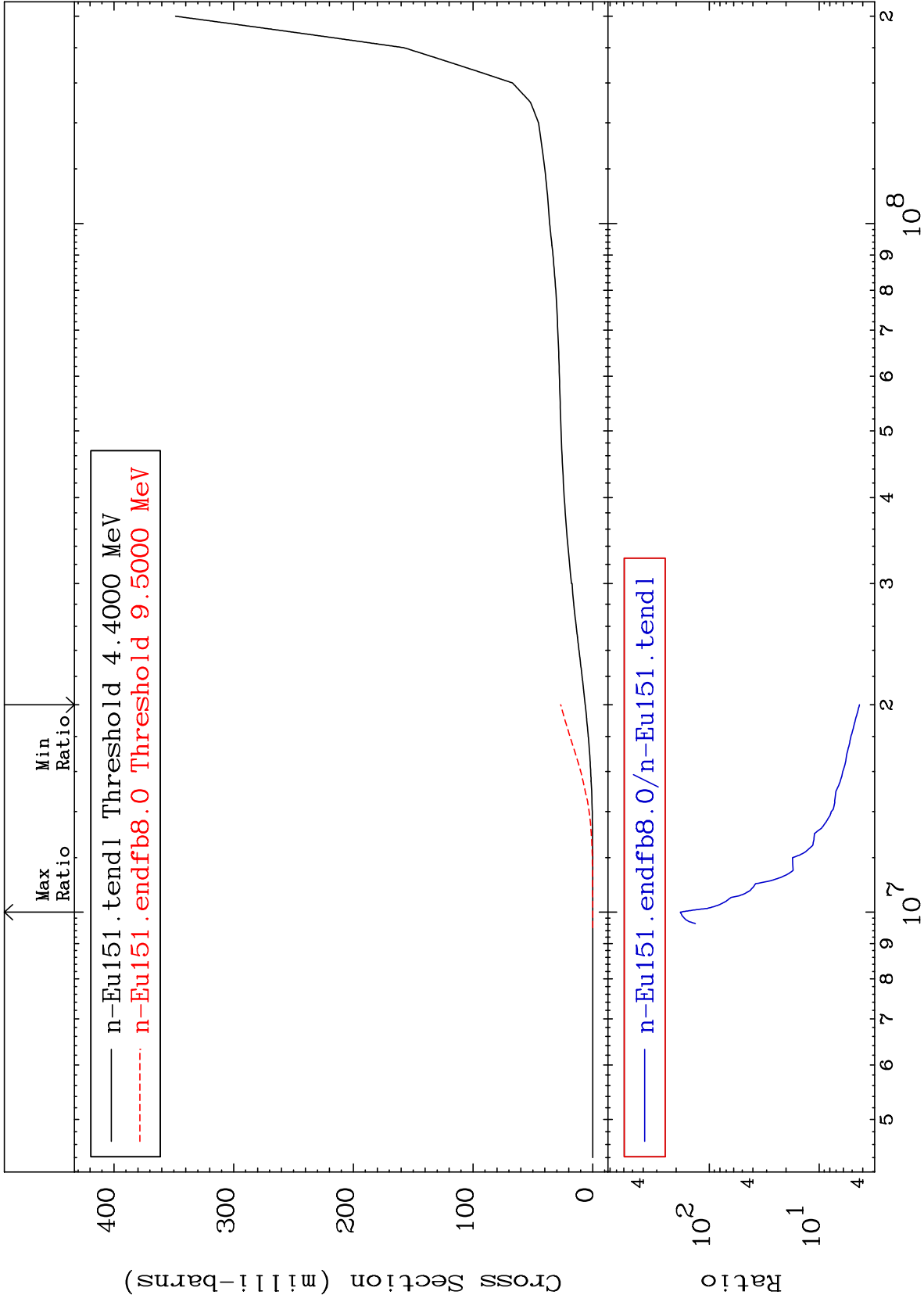
-99.21 To 2144. %







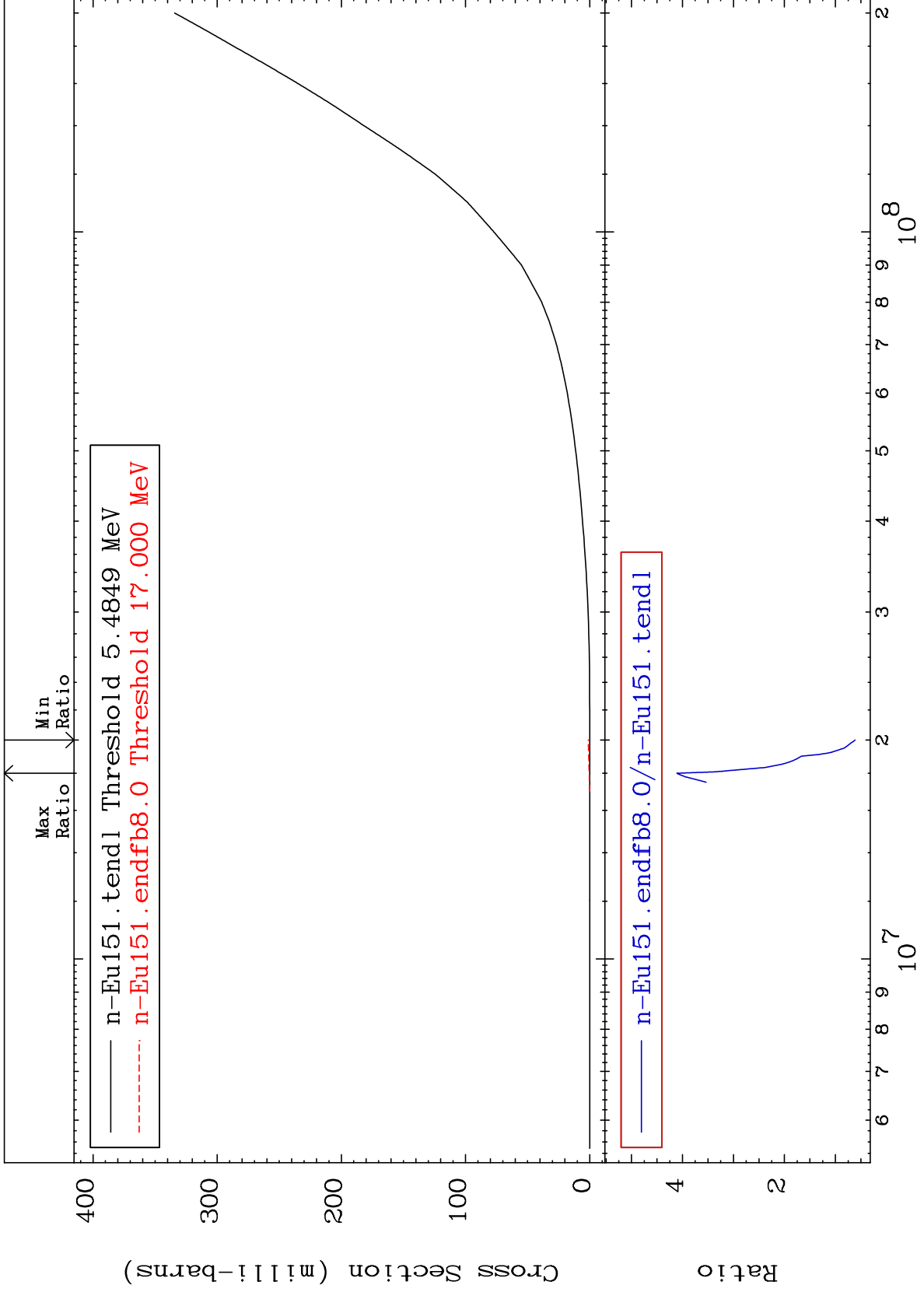




MAT 6325

He-3 Production  
Cross Section

63-Eu-151  
9999. To 9999. %



28

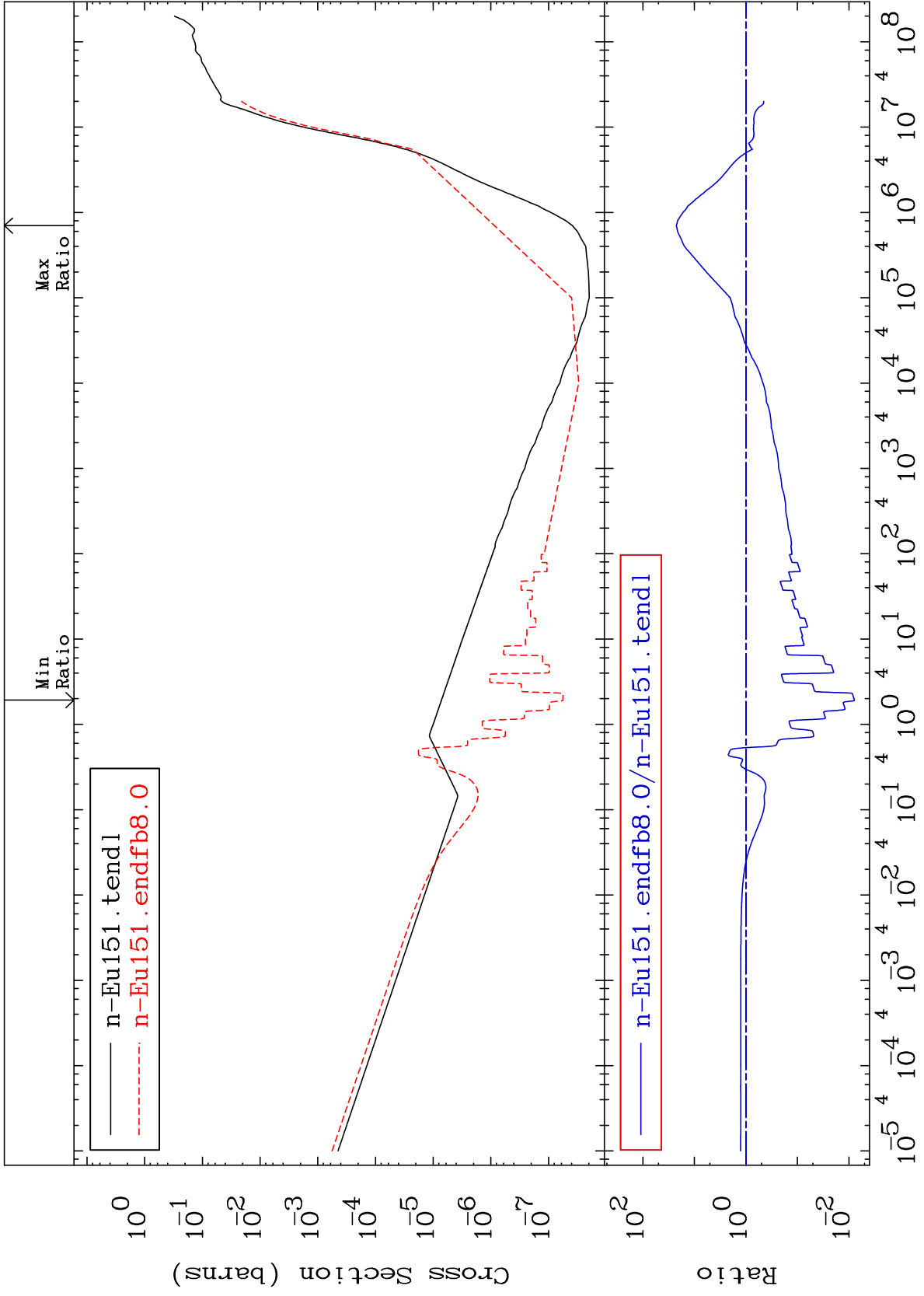
Incident Energy (eV)

63-Eu-151

MAT 6325

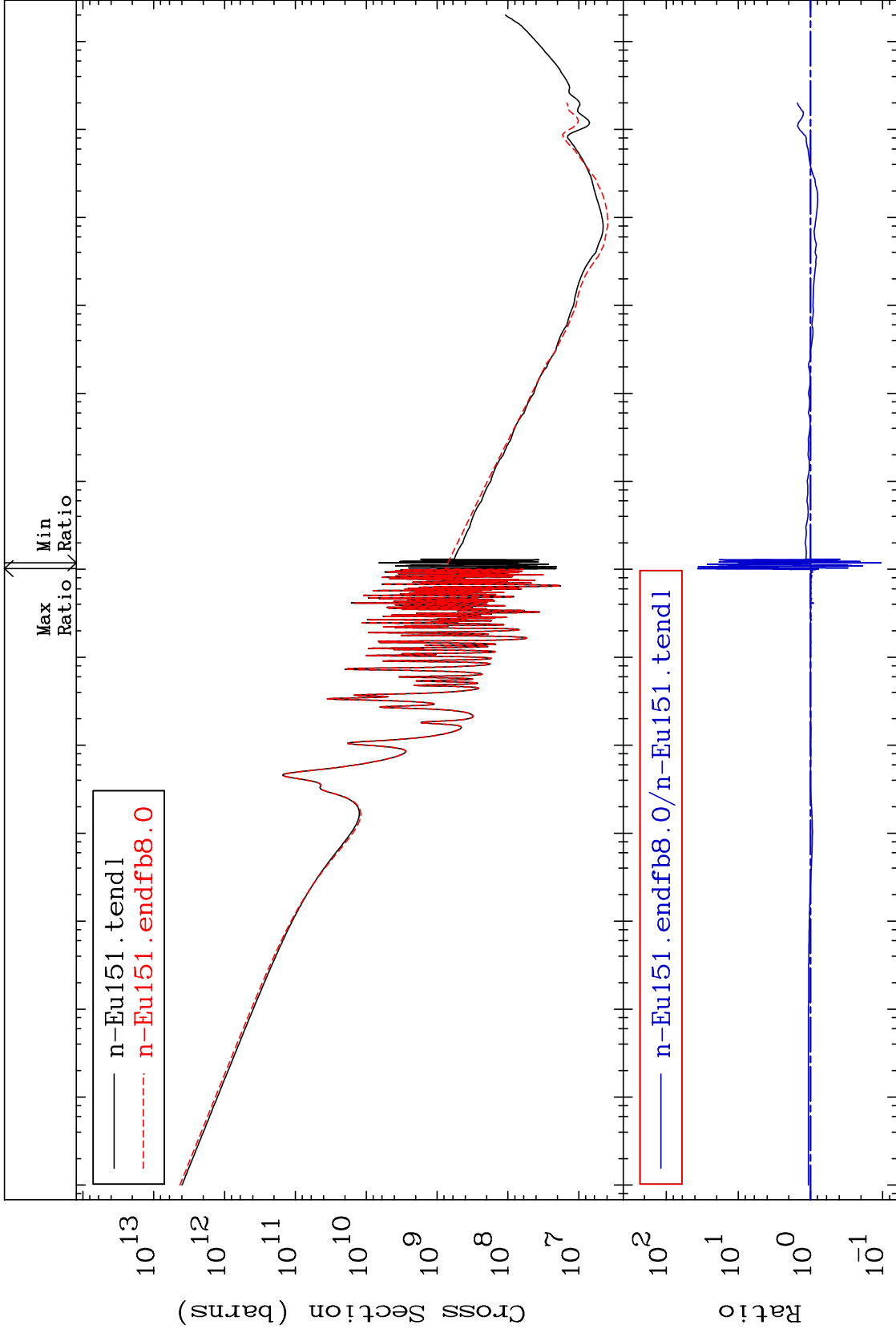
He-4 Production  
Cross Section

63-Eu-151  
-99.21 To 2144. %



Cross Section

-89.50 To 3584. %

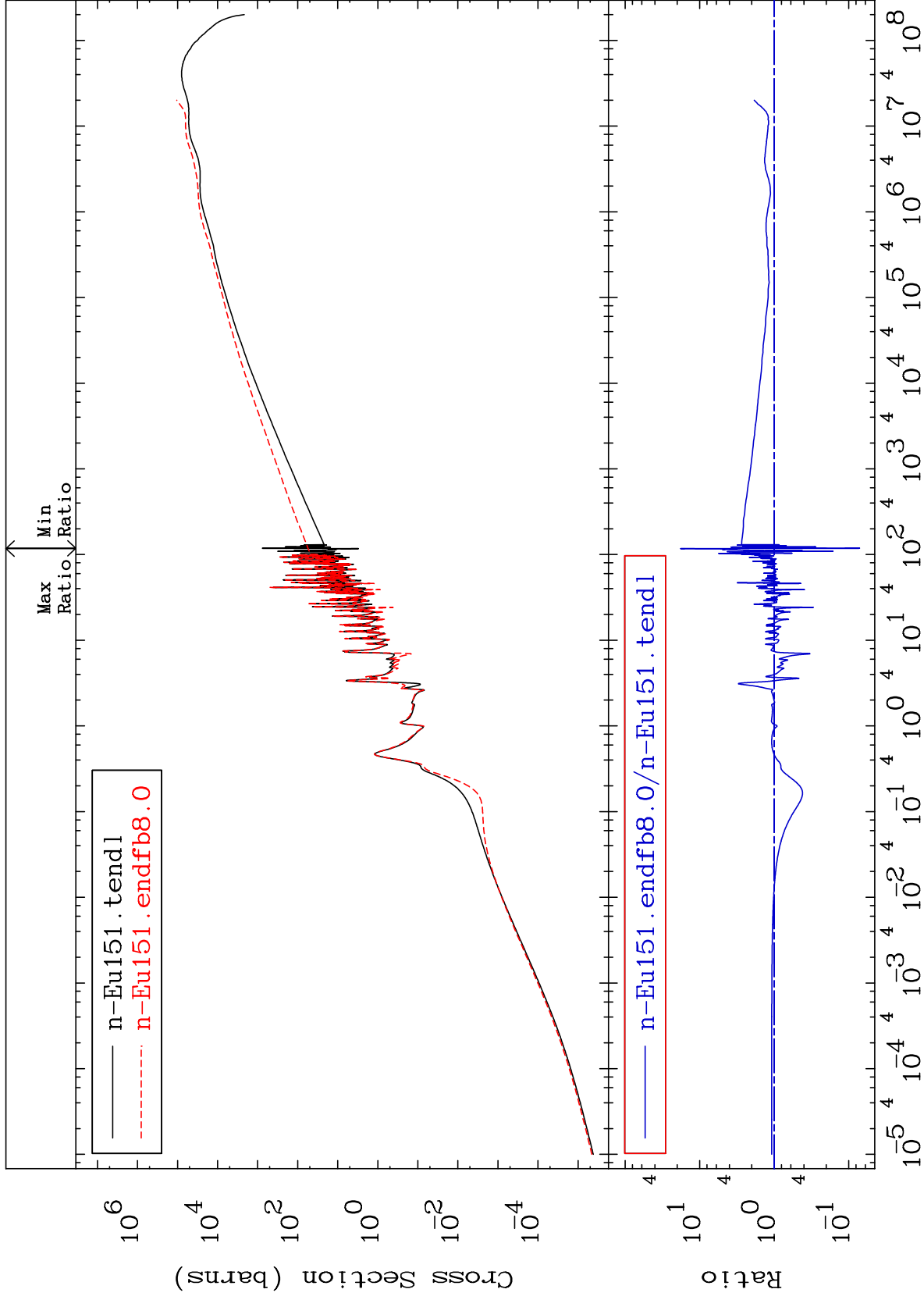


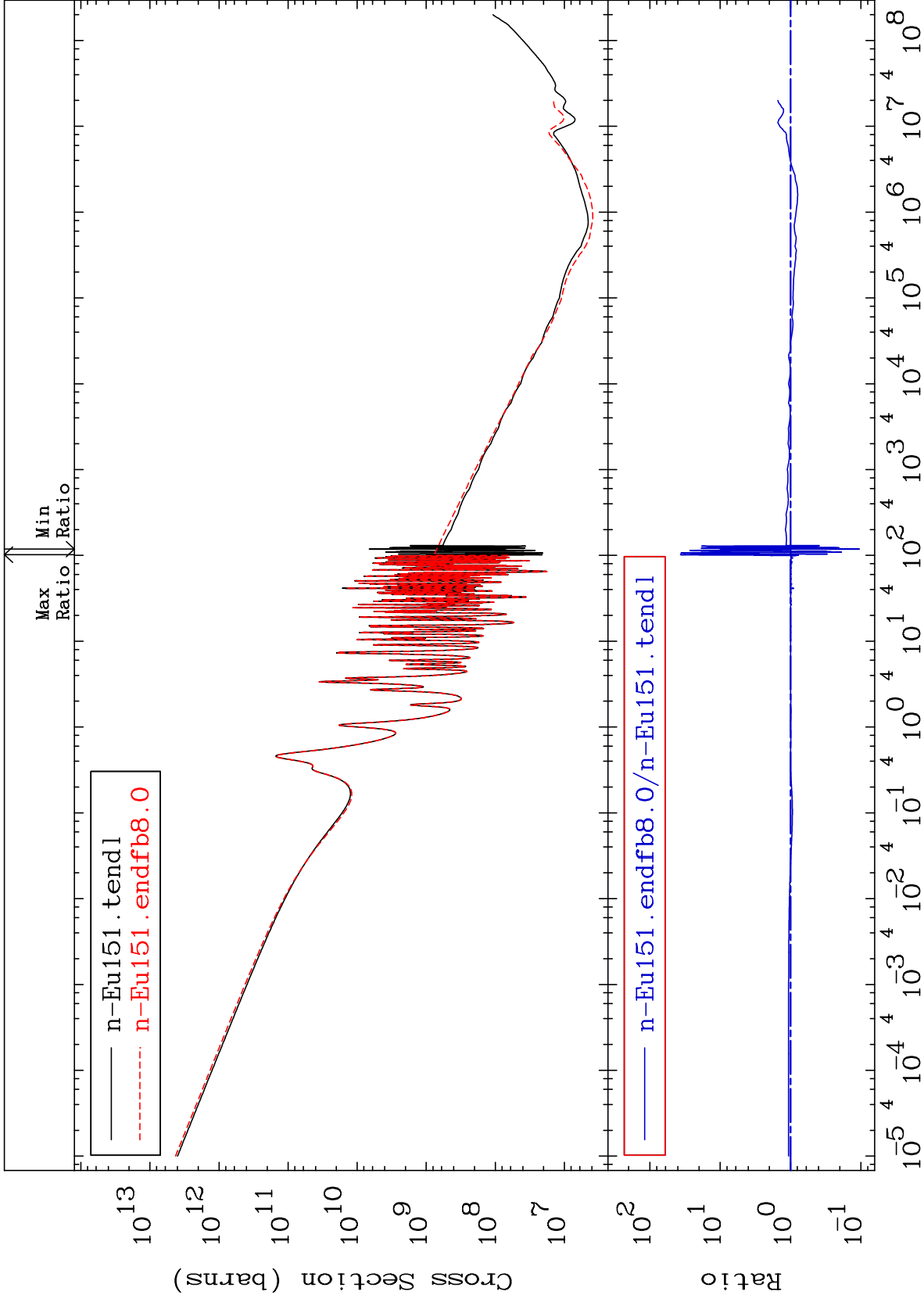
Incident Energy (eV)

MAT 6325

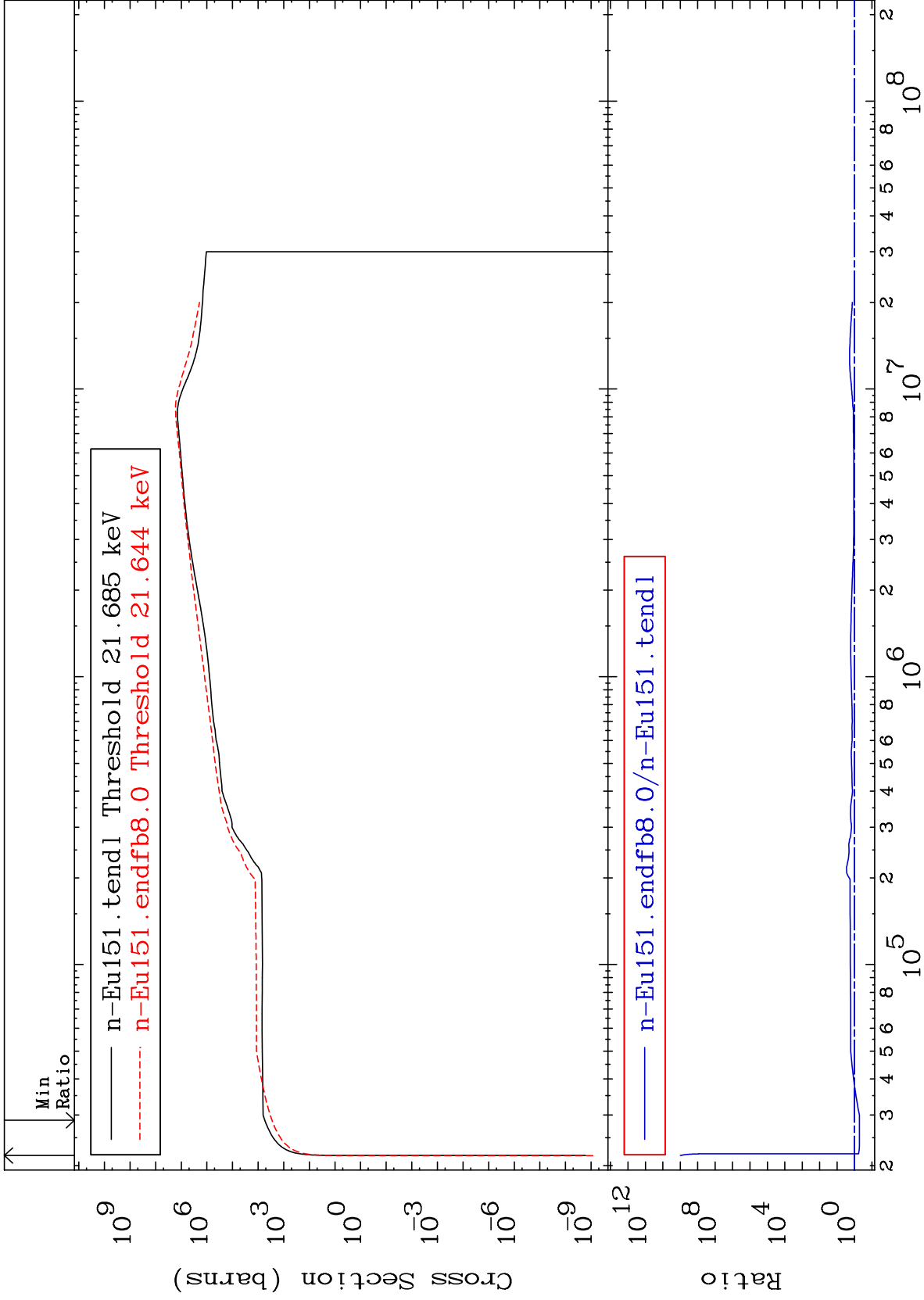
Kerma elastic  
Cross Section

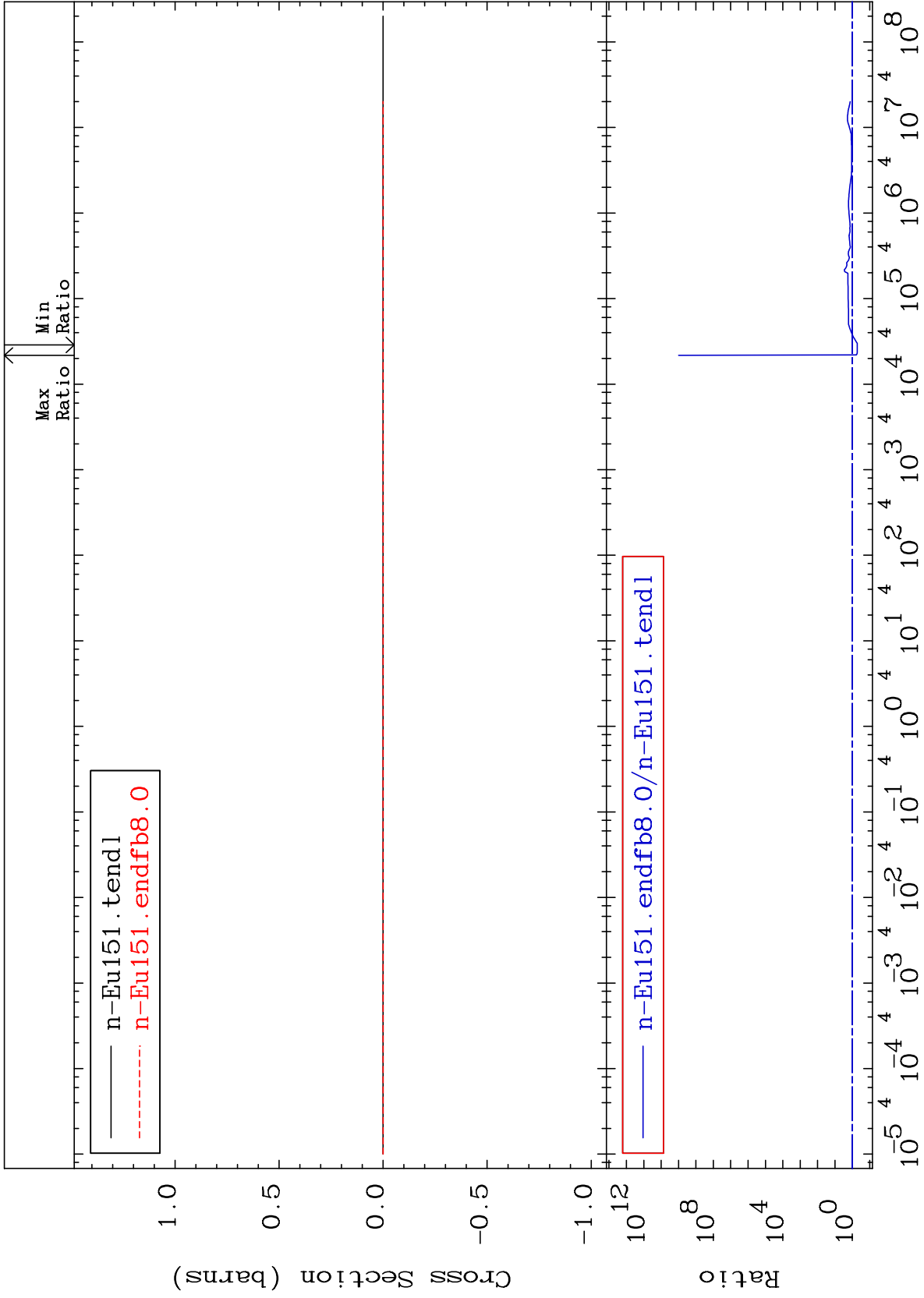
63-Eu-151  
-92.83 To 1696. %







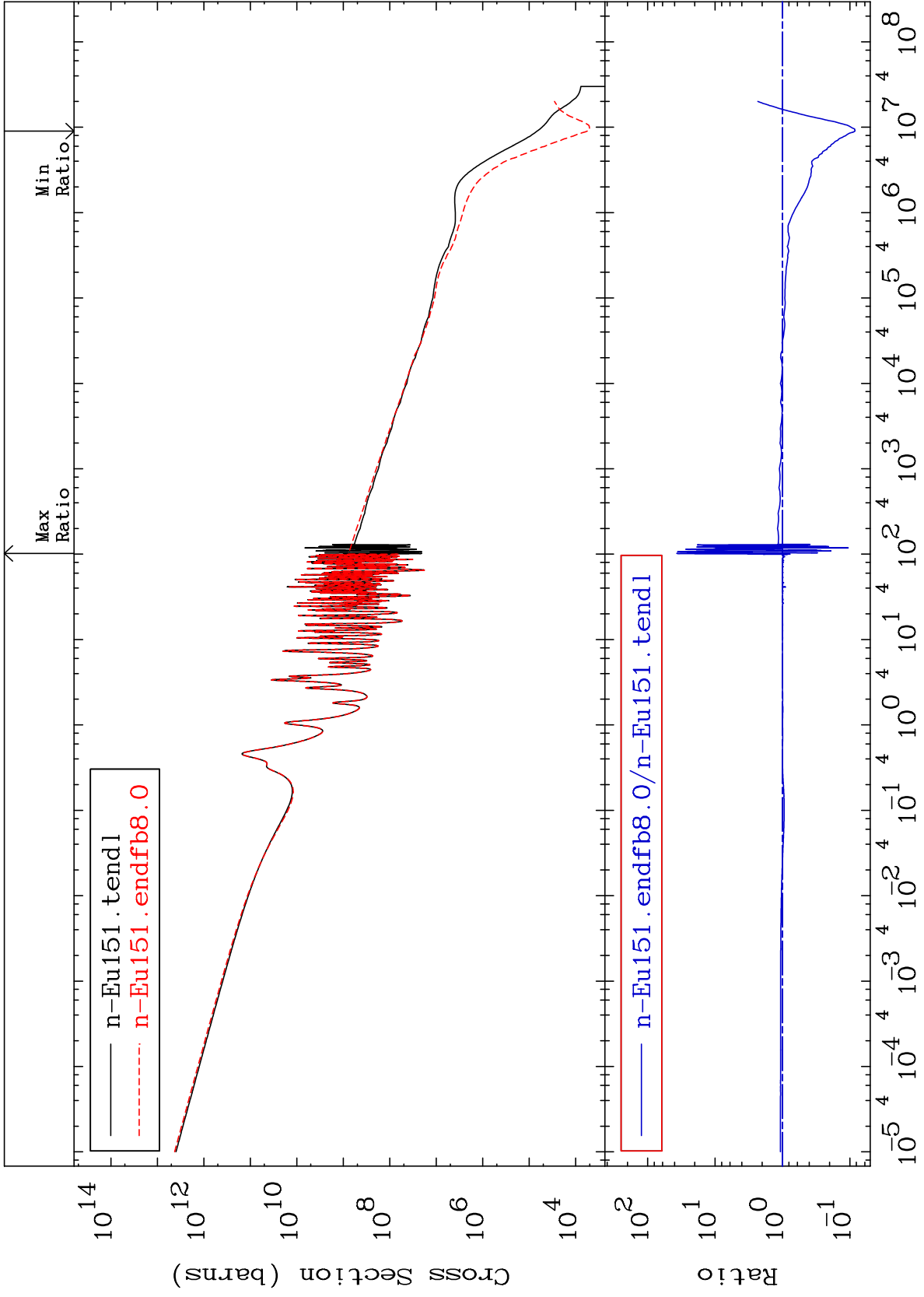


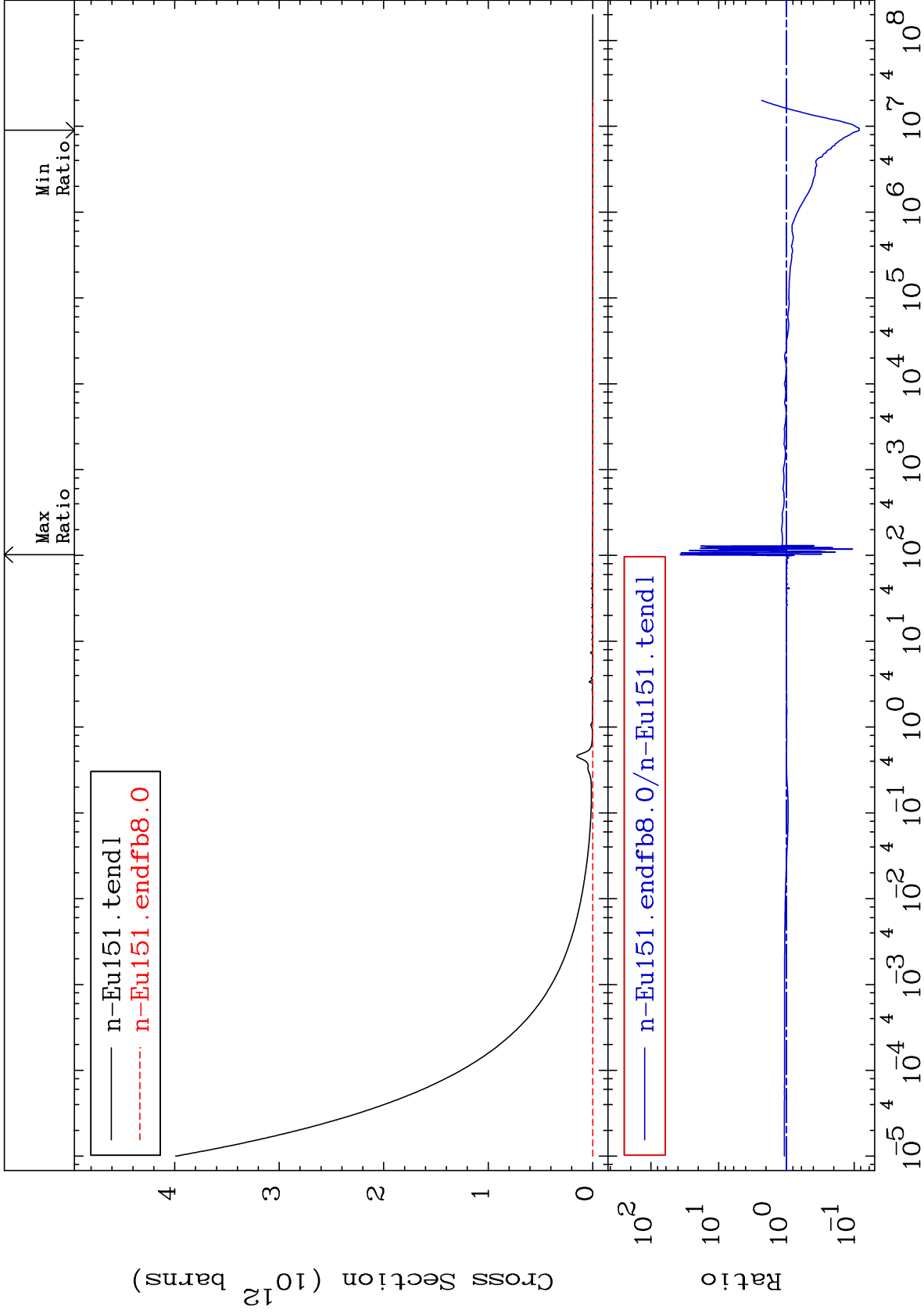


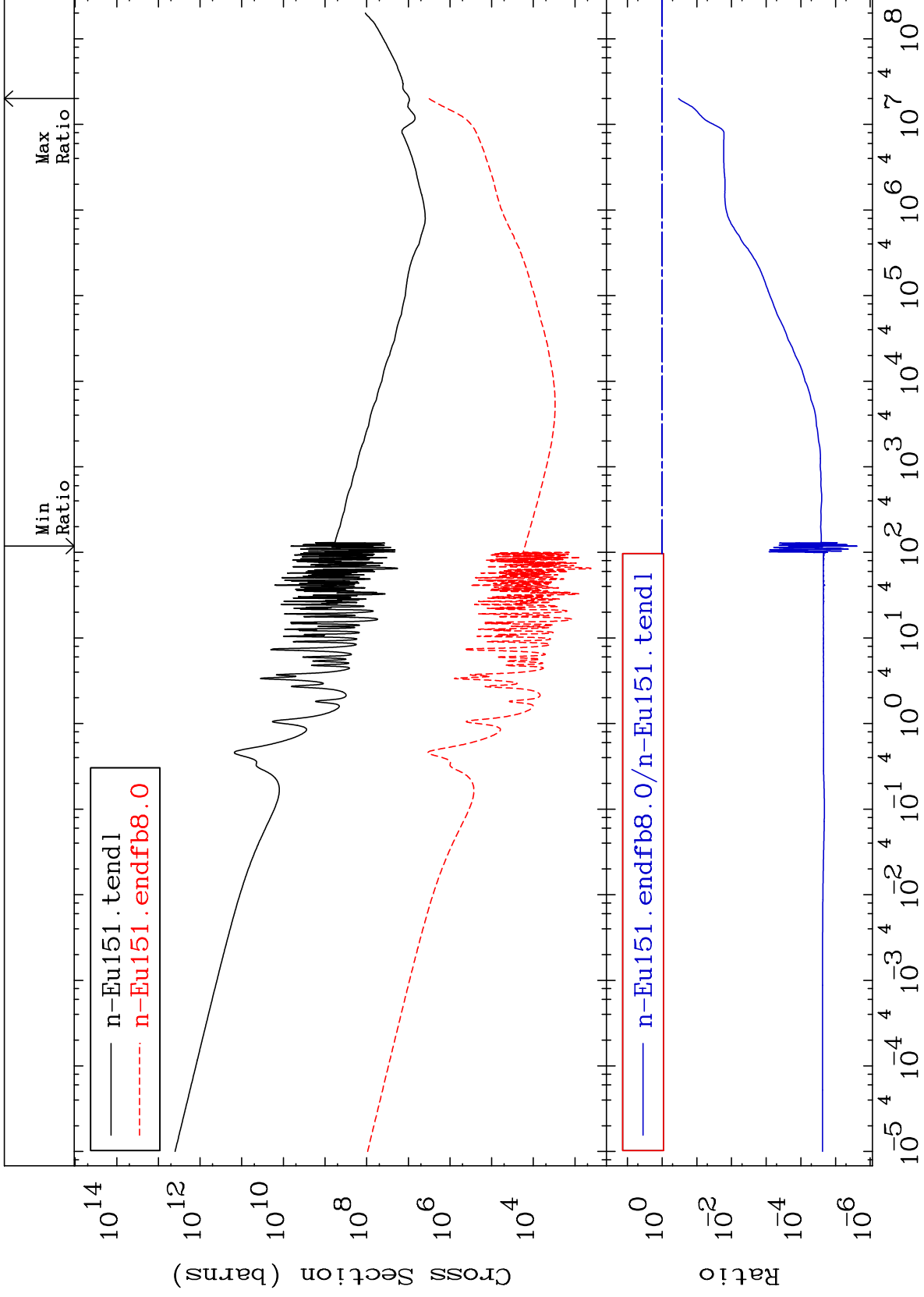
MAT 6325

Kerma capture (mt102)  
Cross Section

63-Eu-151  
-91.65 To 3584. %







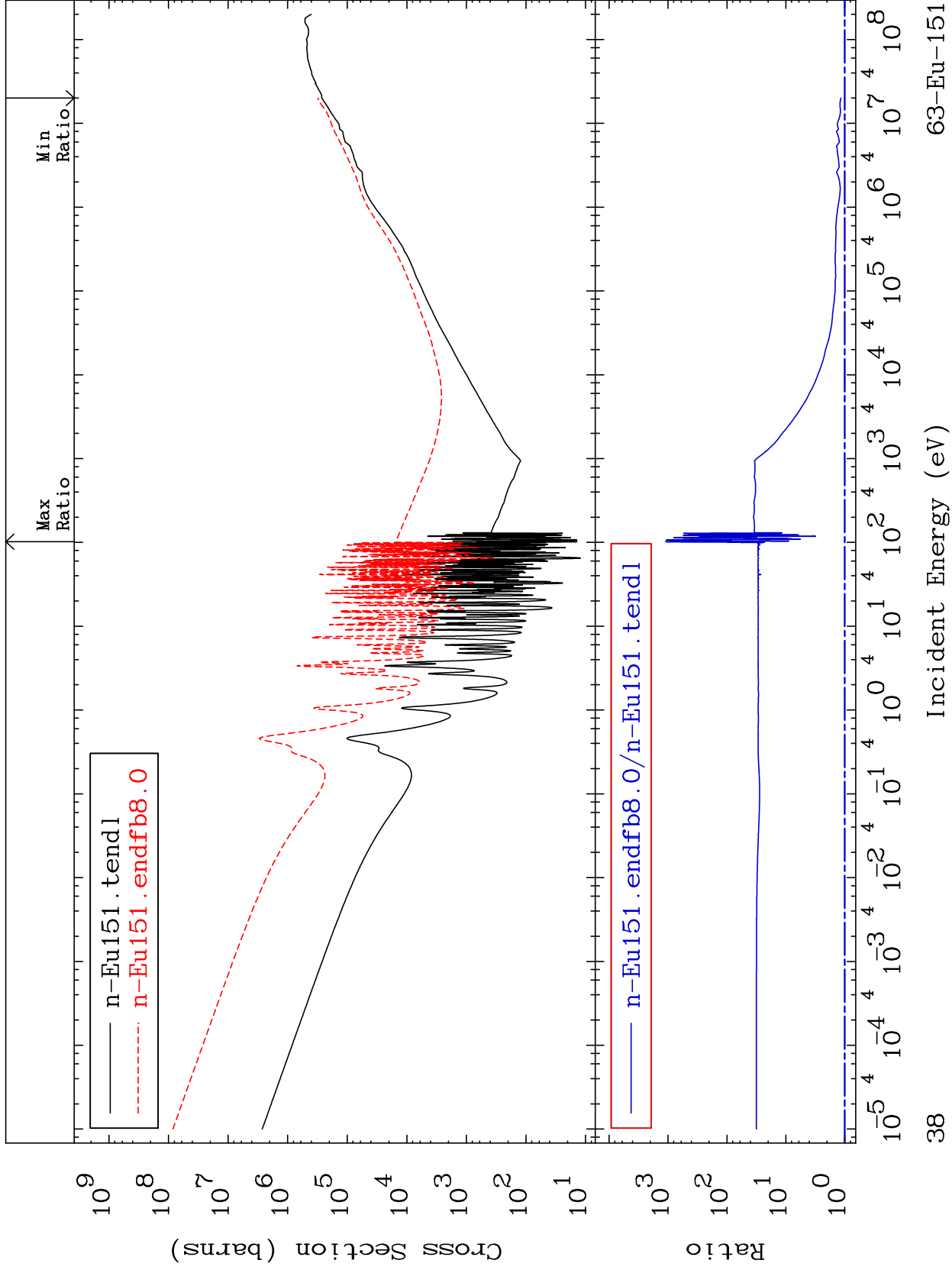
MAT 6325

Dpa total (eV-barns)

63-Eu-151

16.06 To 9999. %

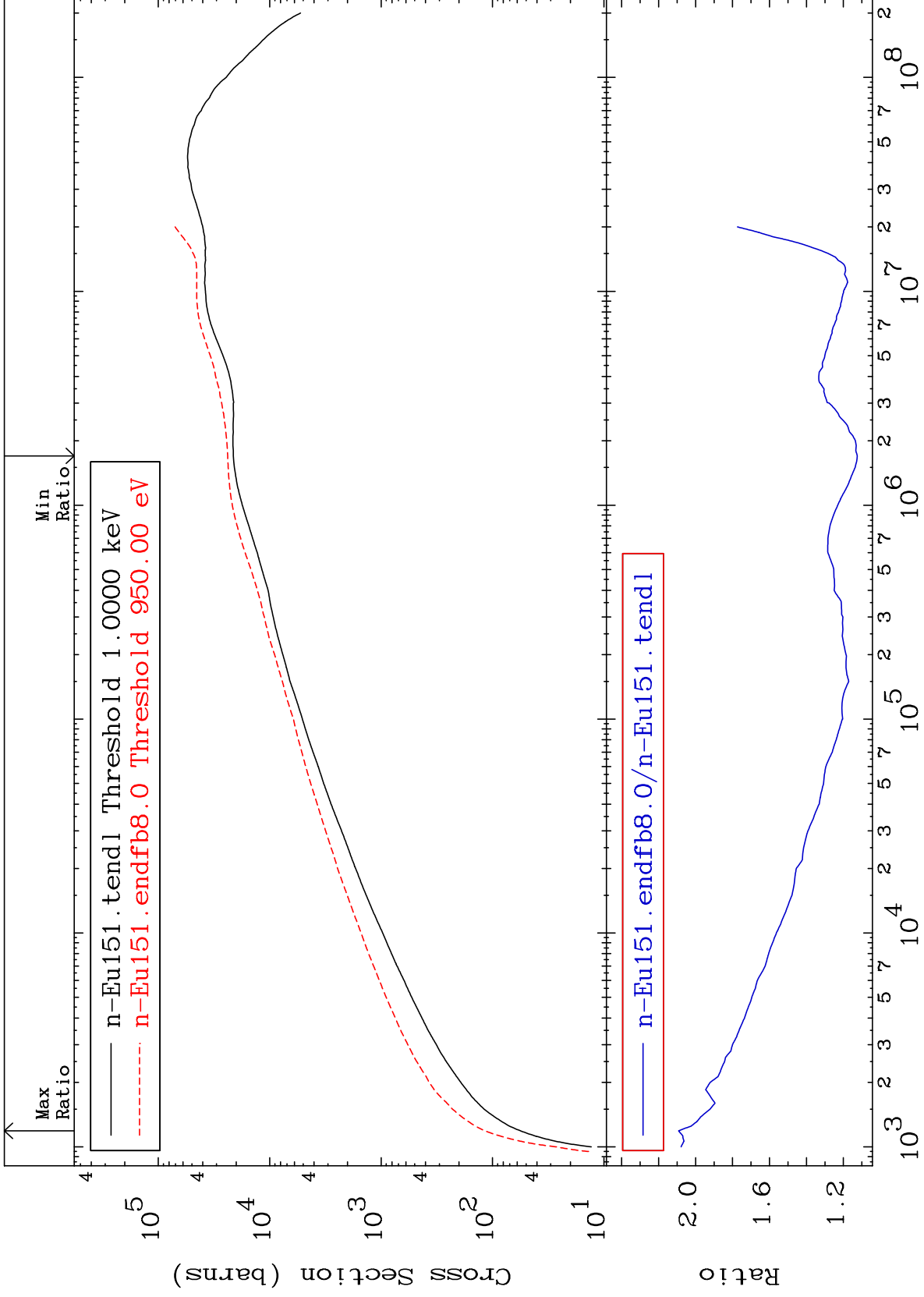
Cross Section



MAT 6325

Dpa elastic (mt2)  
Cross Section

63-Eu-151  
12.50 To 109.2 %



39

Incident Energy (eV)

63-Eu-151

