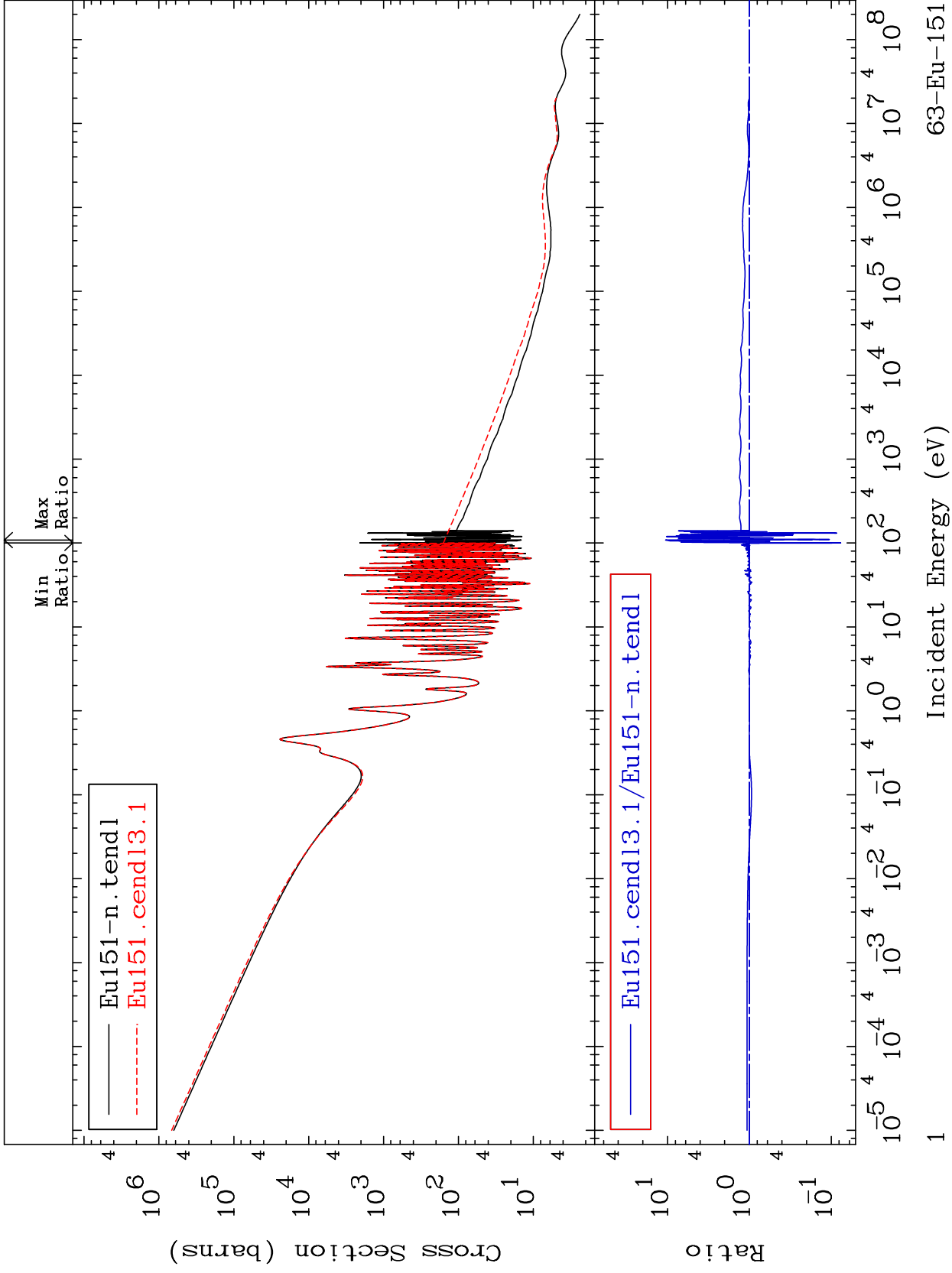


MAT 6325

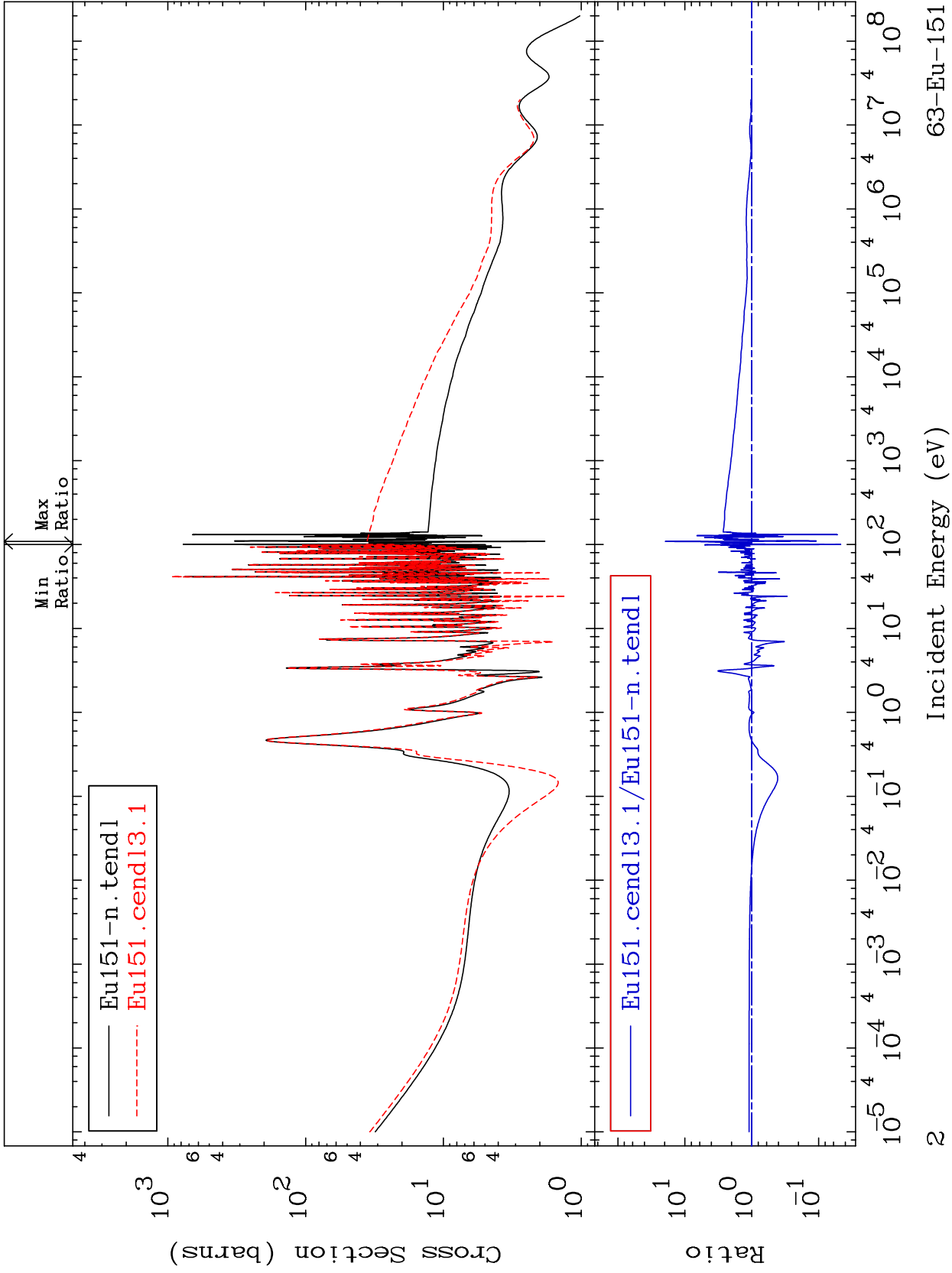
Total Cross Section  
63-Eu-151  
-92.34 To 956.4 %



63-Eu-151

MAT 6325

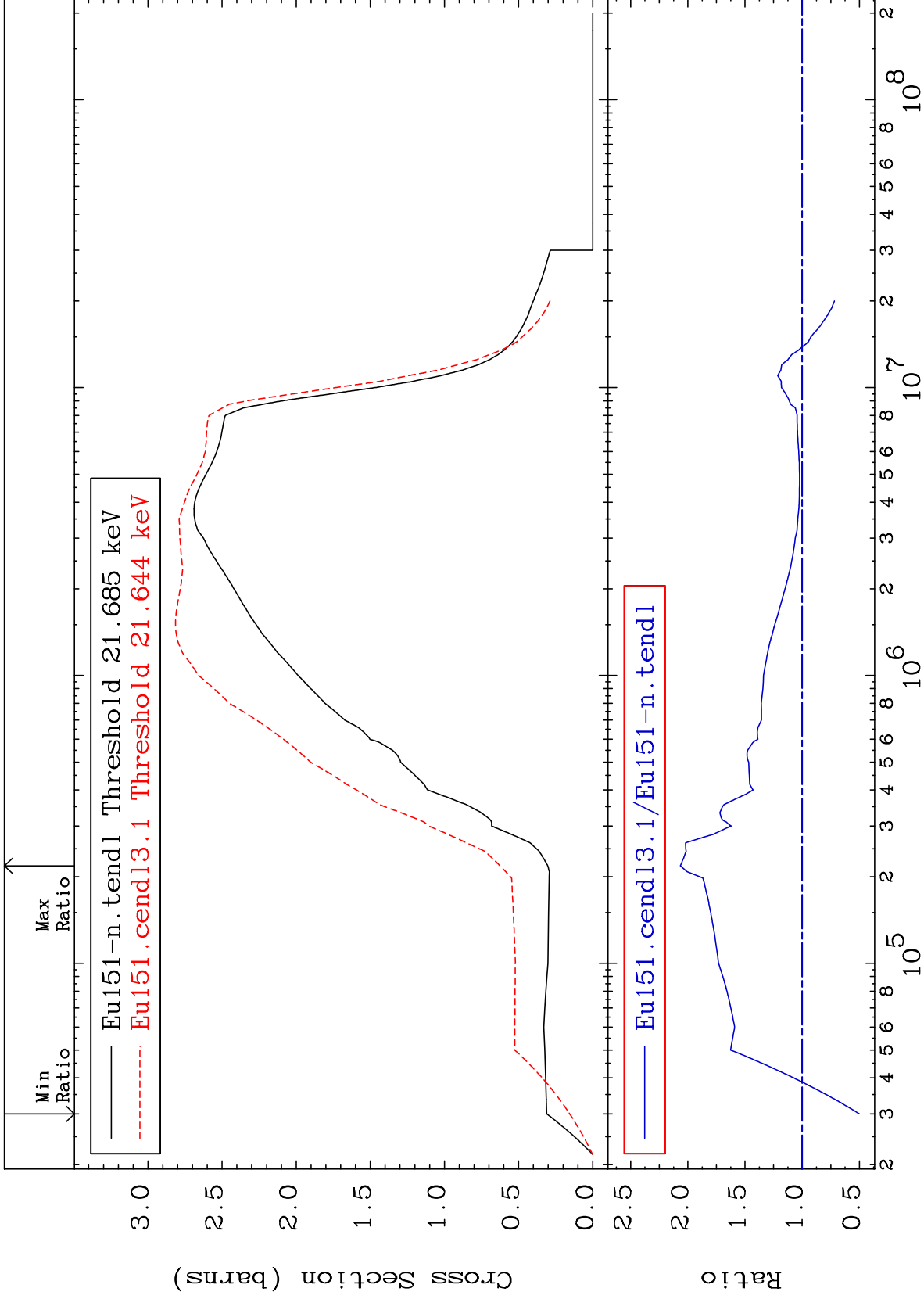
Elastic Cross Section  
63-Eu-151  
-95.30 To 1842. %



MAT 6325

Inelastic  
Cross Section

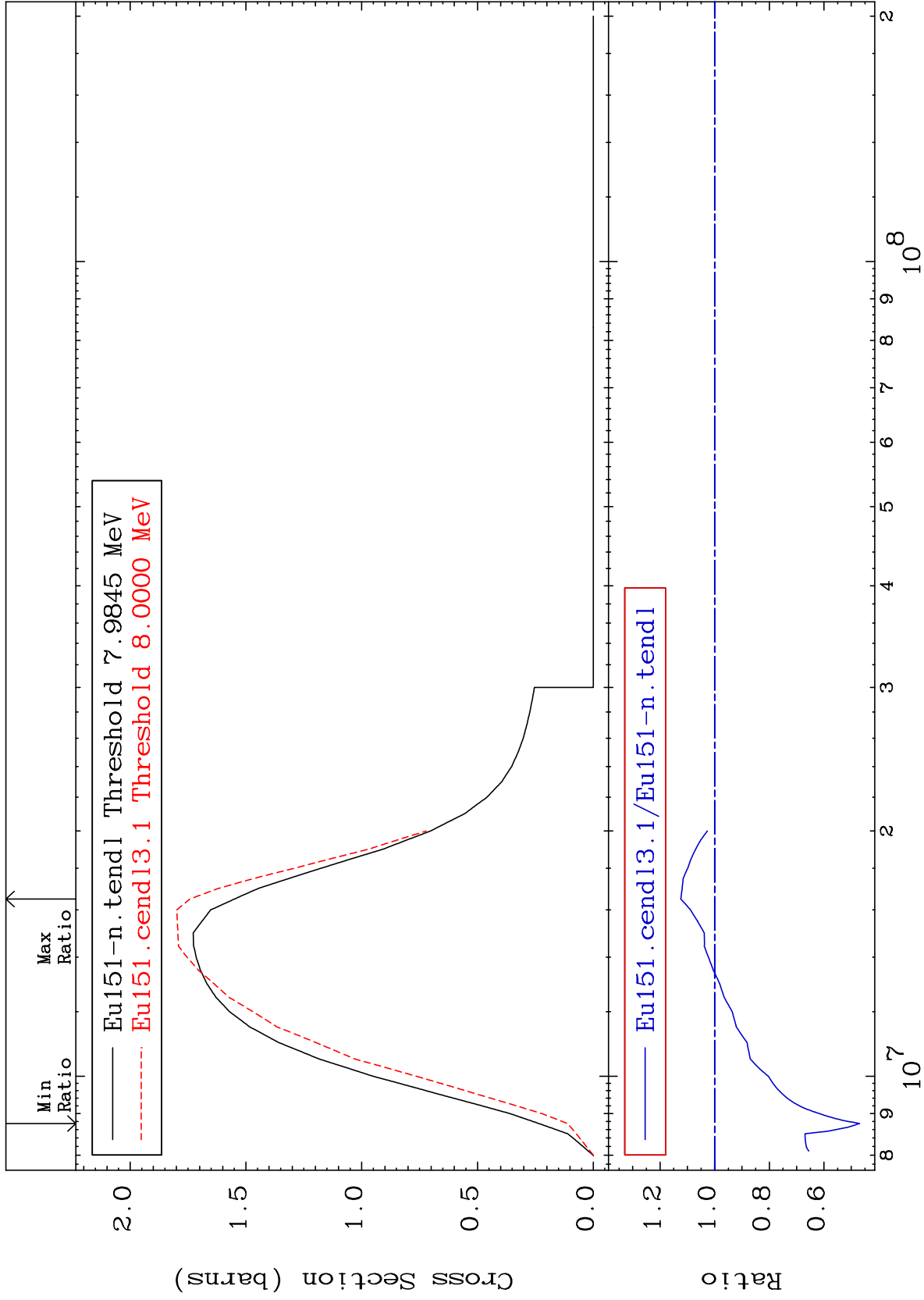
63-Eu-151  
-50.06 To 106.5 %



MAT 6325

(n,2n)  
Cross Section

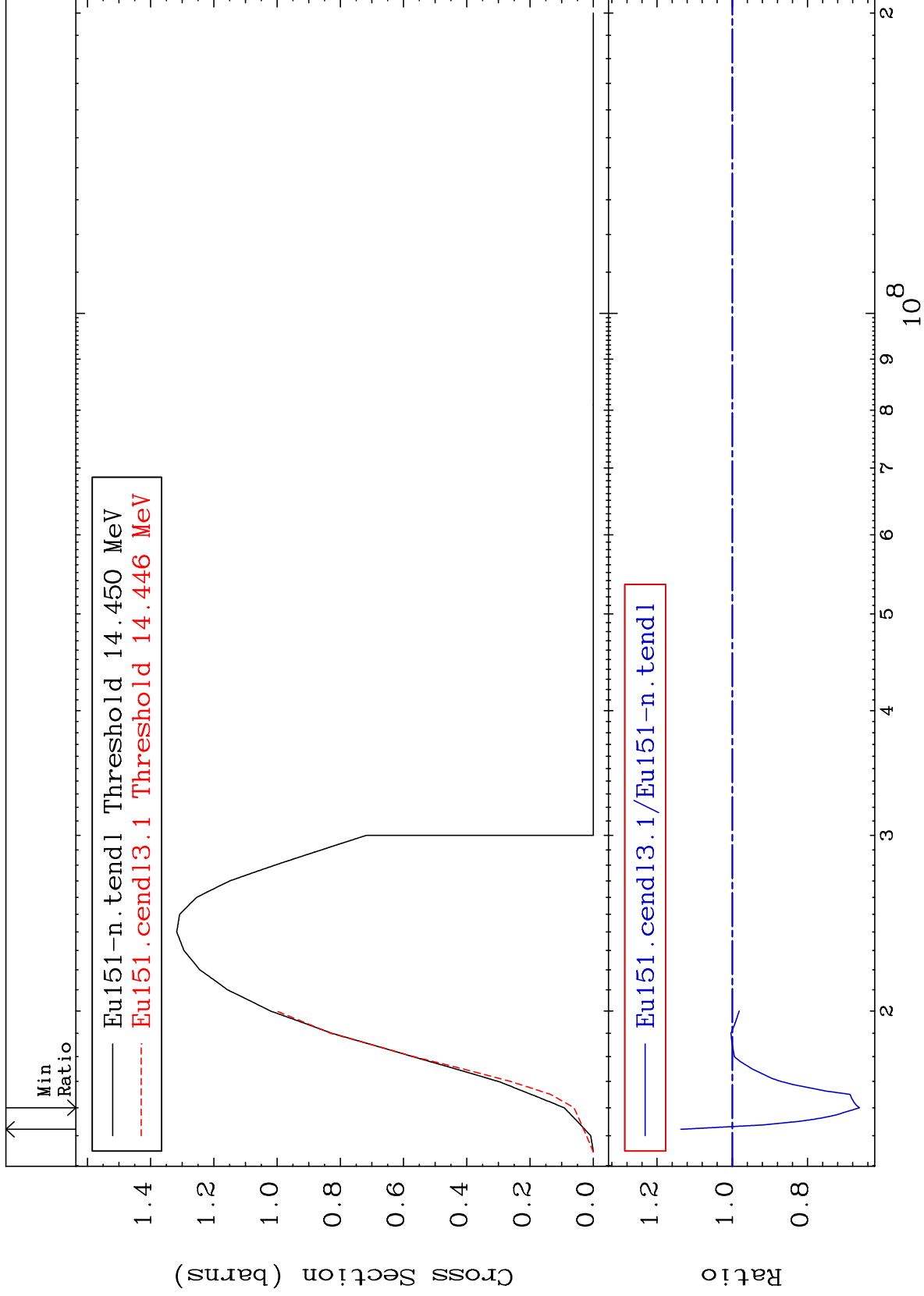
63-Eu-151  
-53.01 To 12.42 %



4

Incident Energy (eV)

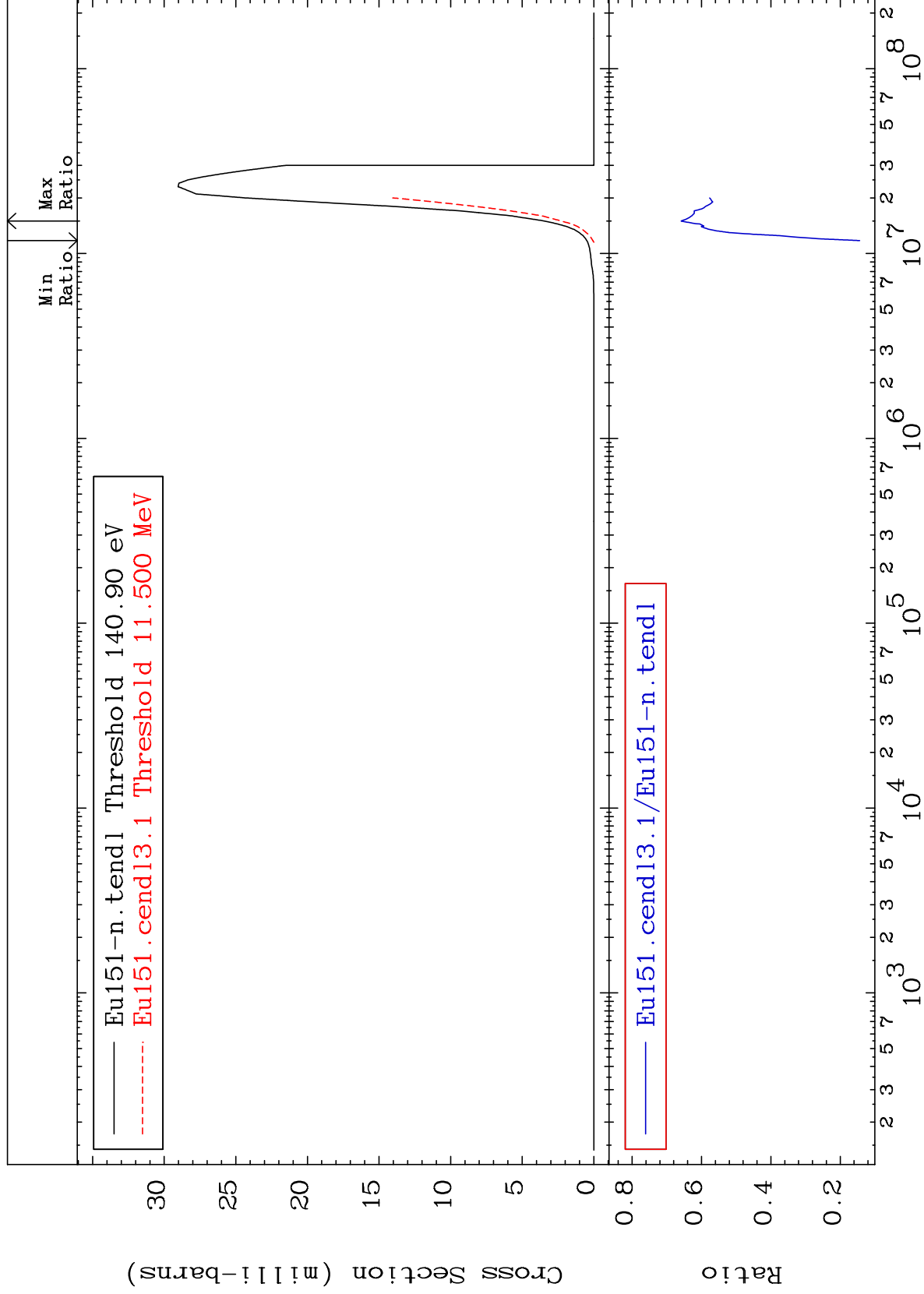
63-Eu-151



MAT 6325

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

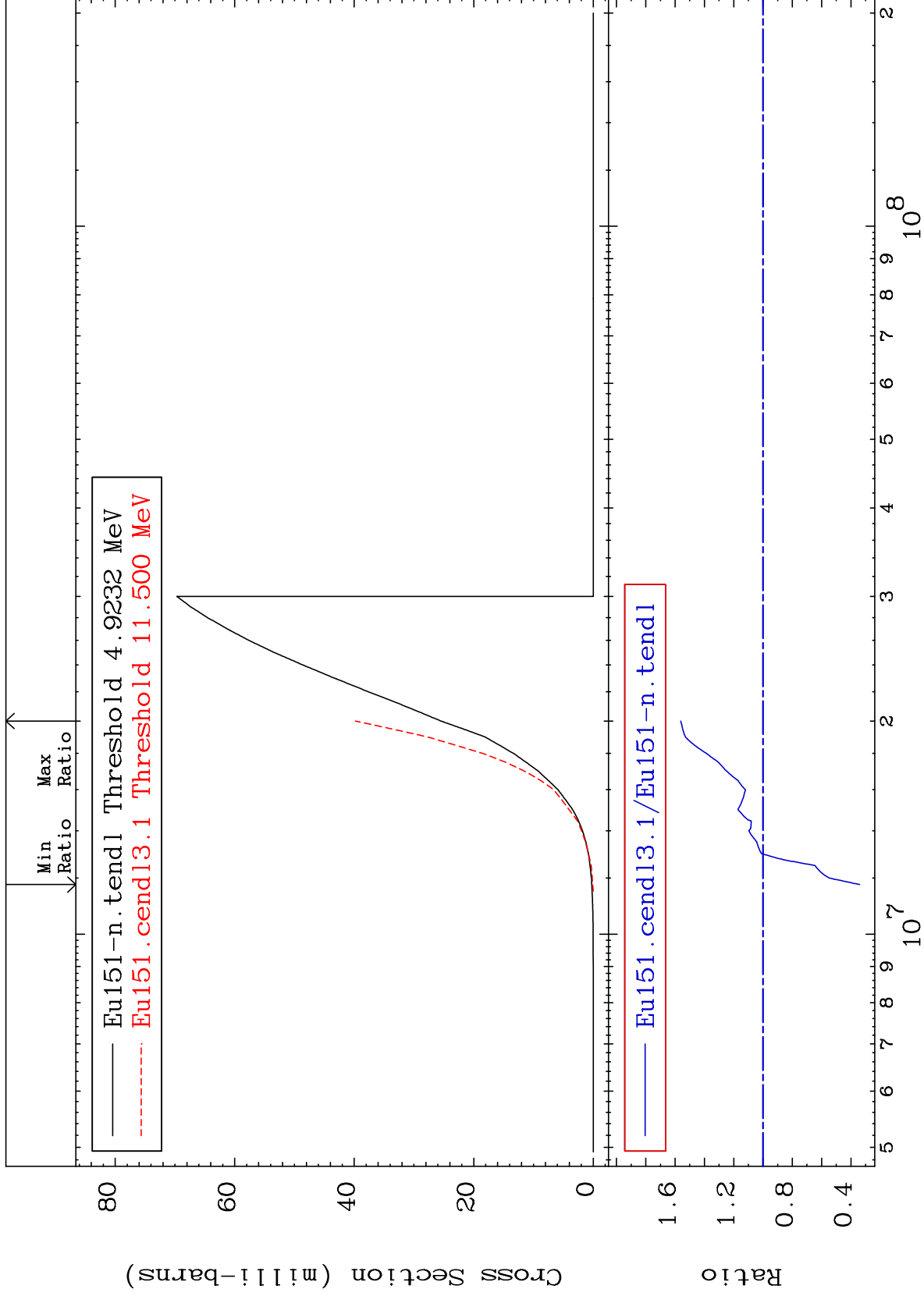
63-Eu-151  
-85.59 To -34.14%



MAT 6325

(n, n') p  
Cross Section

63-Eu-151  
-65.87 To 56.12 %



7

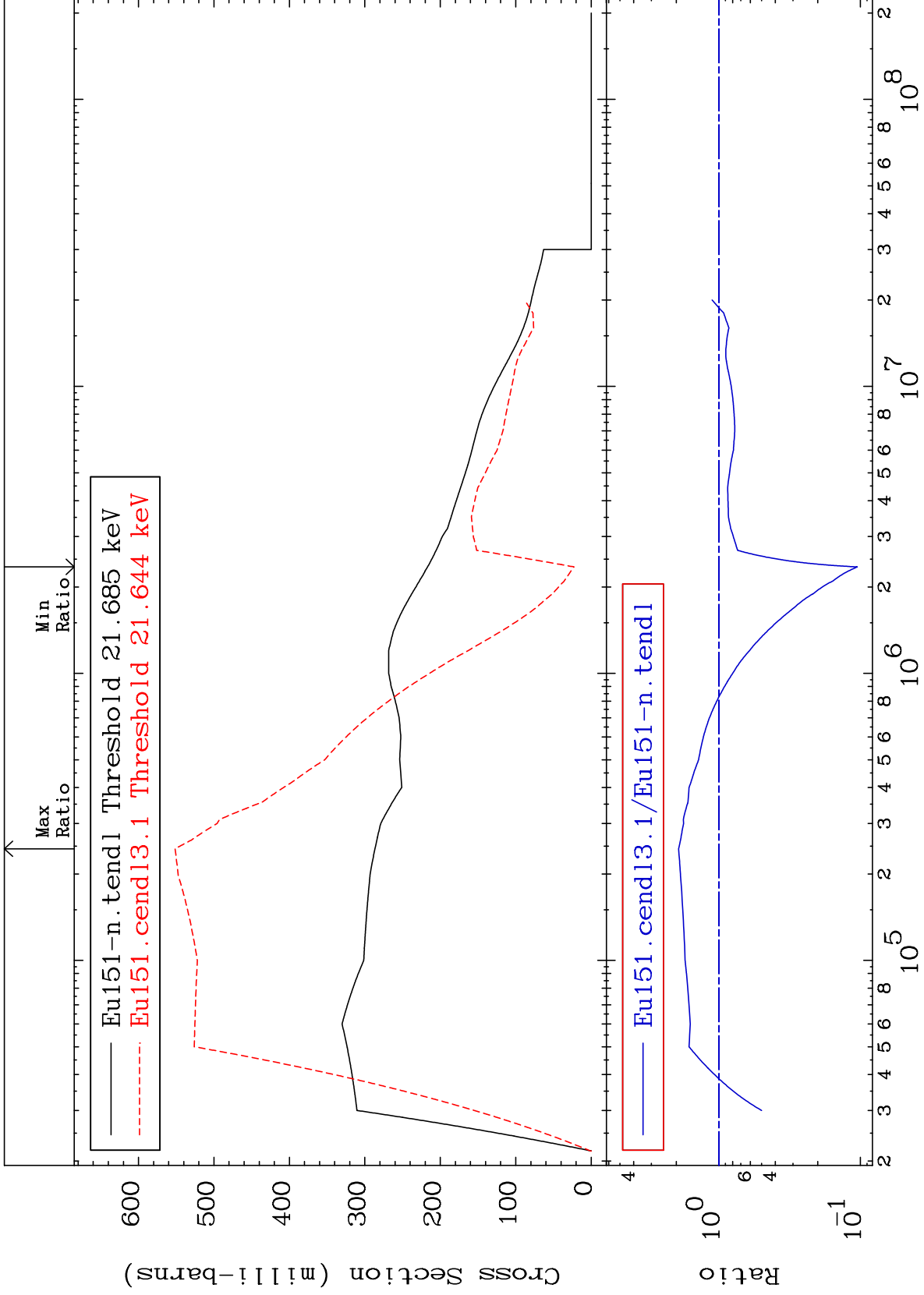
Incident Energy (eV)

63-Eu-151

MAT 6325

21.54 keV (n,n') Level  
Cross Section

63-Eu-151  
-89.47 To 92.44 %

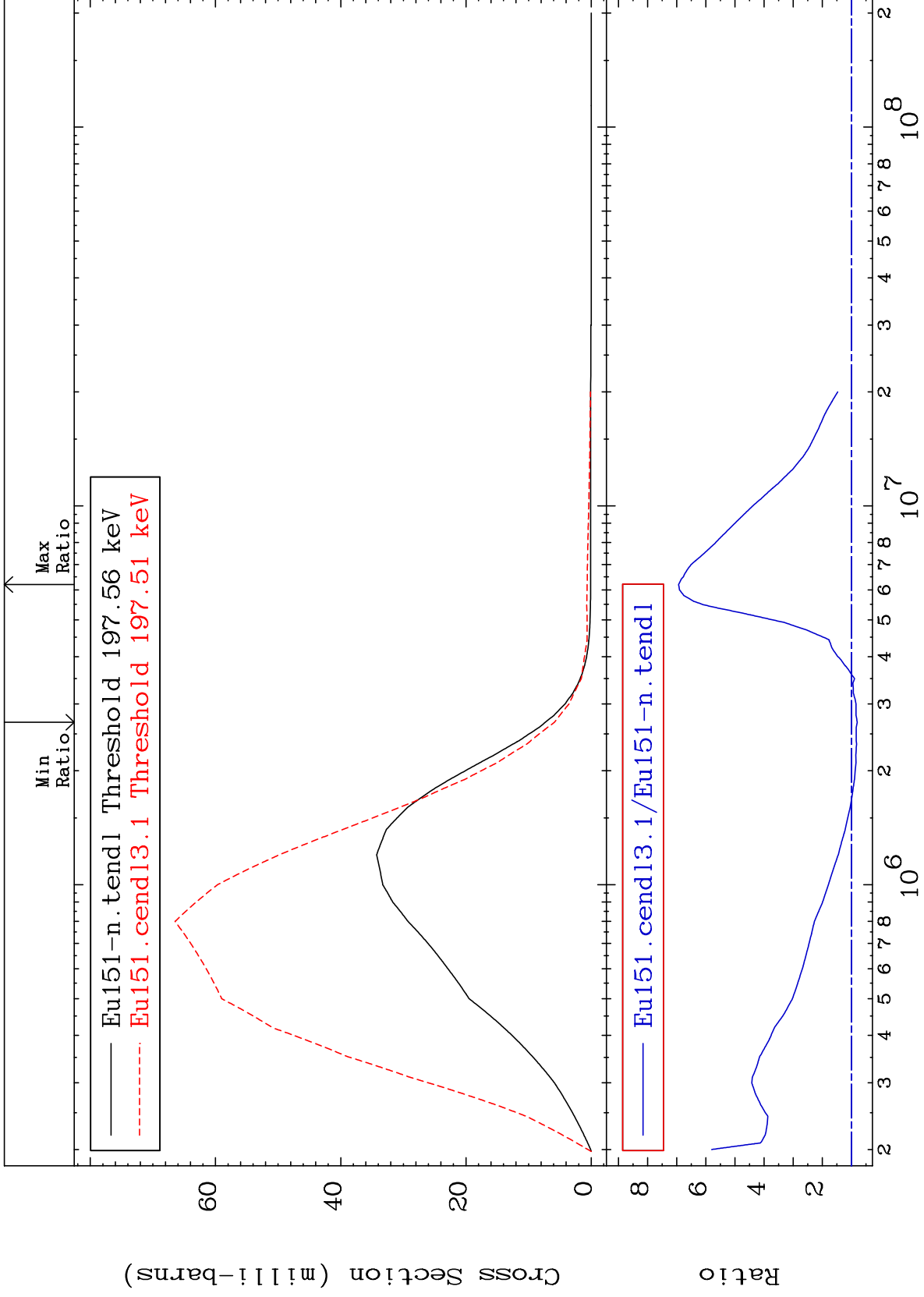




MAT 6325

196.2 keV (n,n') Level  
Cross Section

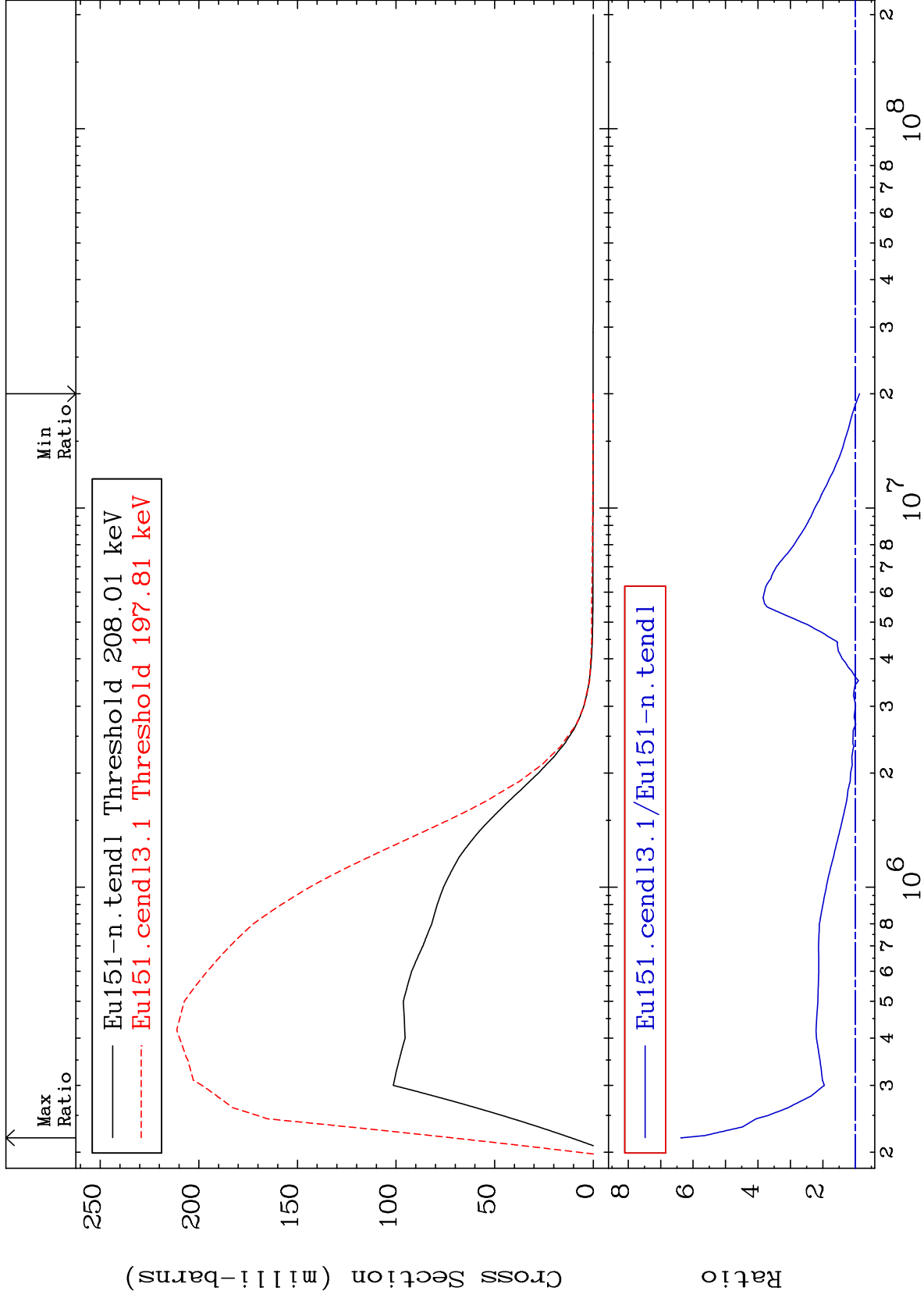
63-Eu-151  
-19.99 To 593.3 %



MAT 6325

206.6 keV (n,n') Level  
Cross Section

63-Eu-151  
-13.15 To 538.0 %



10

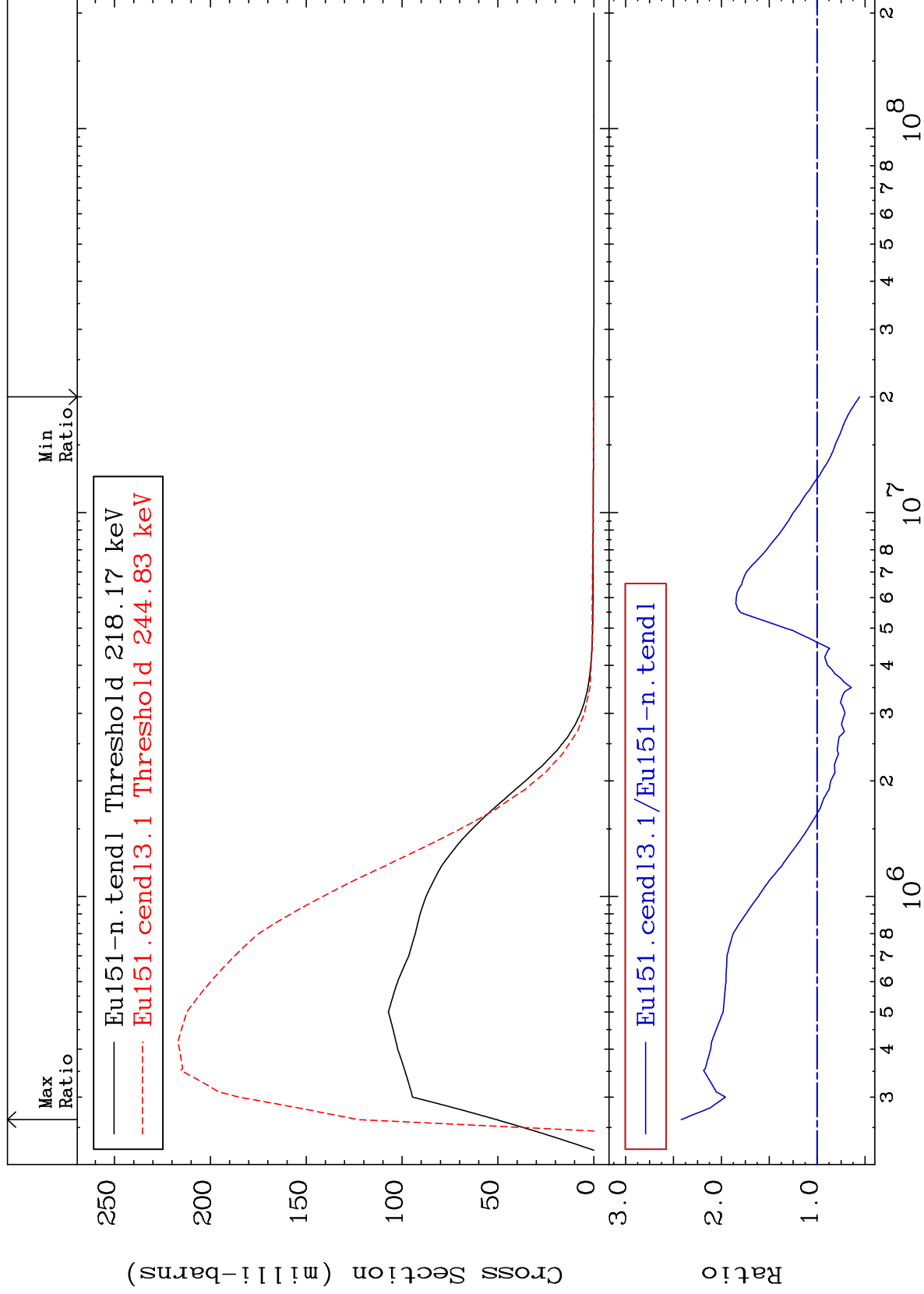
Incident Energy (eV)

63-Eu-151

MAT 6325

216.7 keV (n,n') Level  
Cross Section

63-Eu-151  
-44.43 To 142.0 %



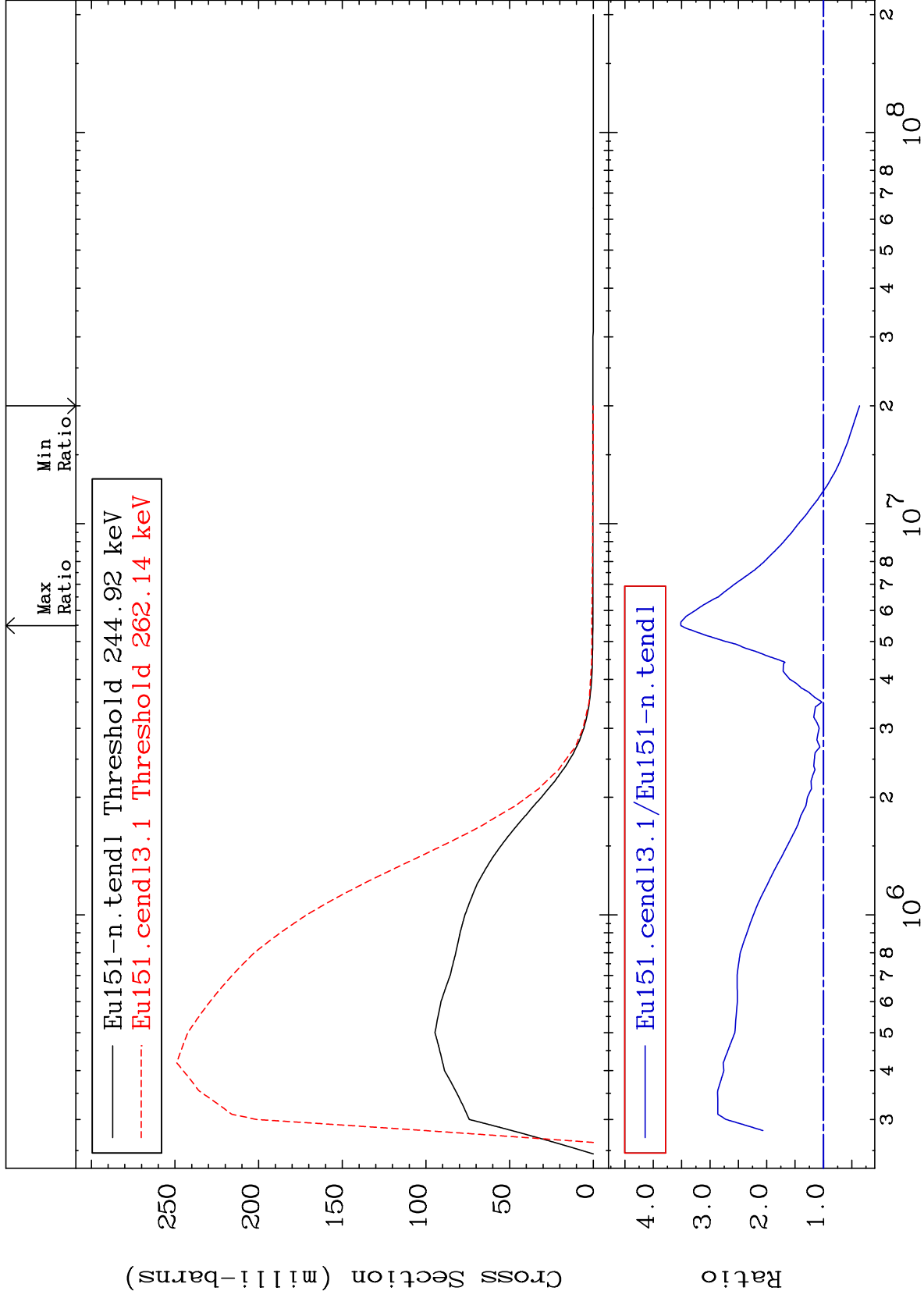
MAT 6325

243.3 keV (n,n') Level

63-Eu-151

-63.60 To 251.6 %

Cross Section



12

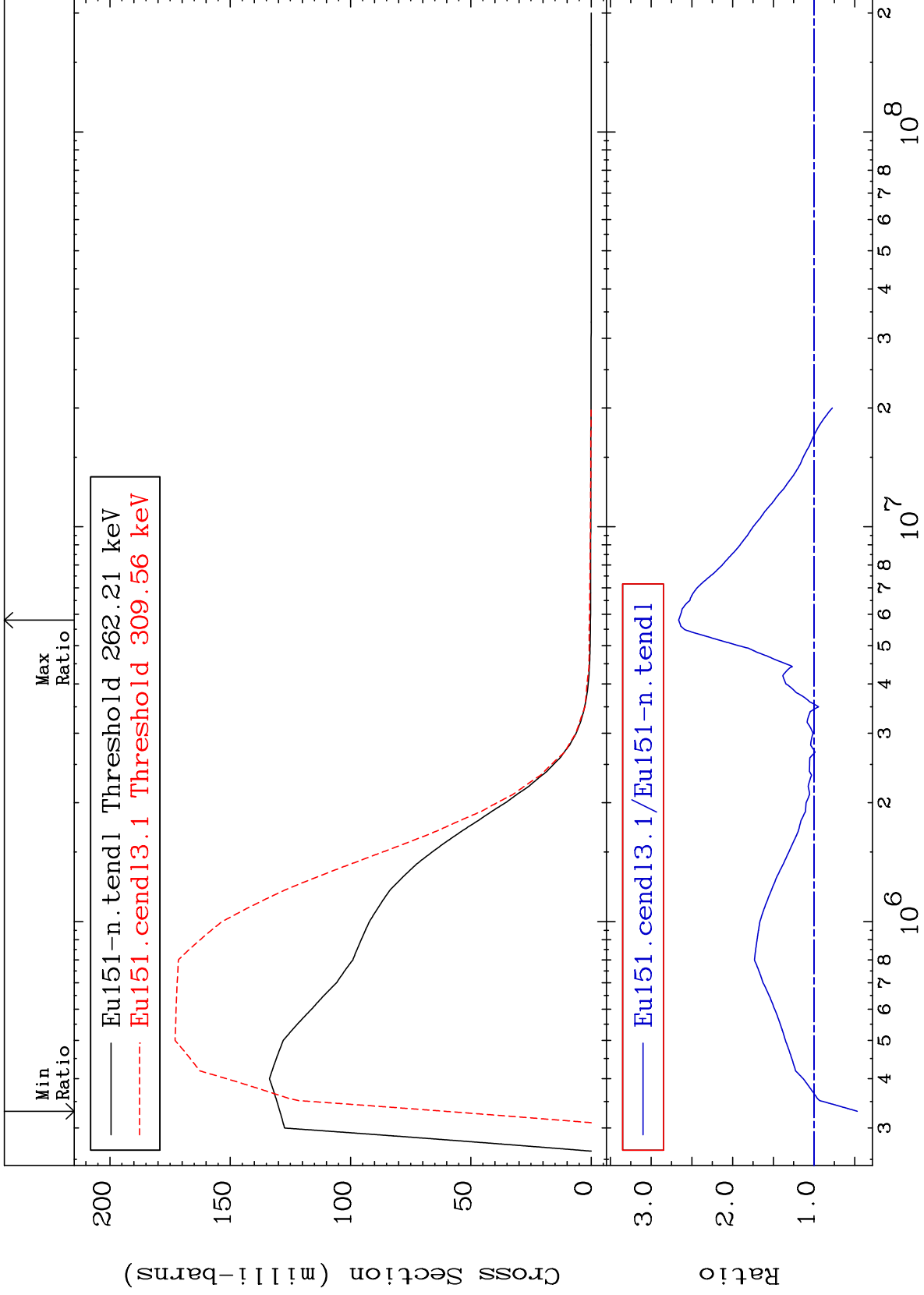
Incident Energy (eV)

63-Eu-151

MAT 6325

260.5 keV (n,n') Level  
Cross Section

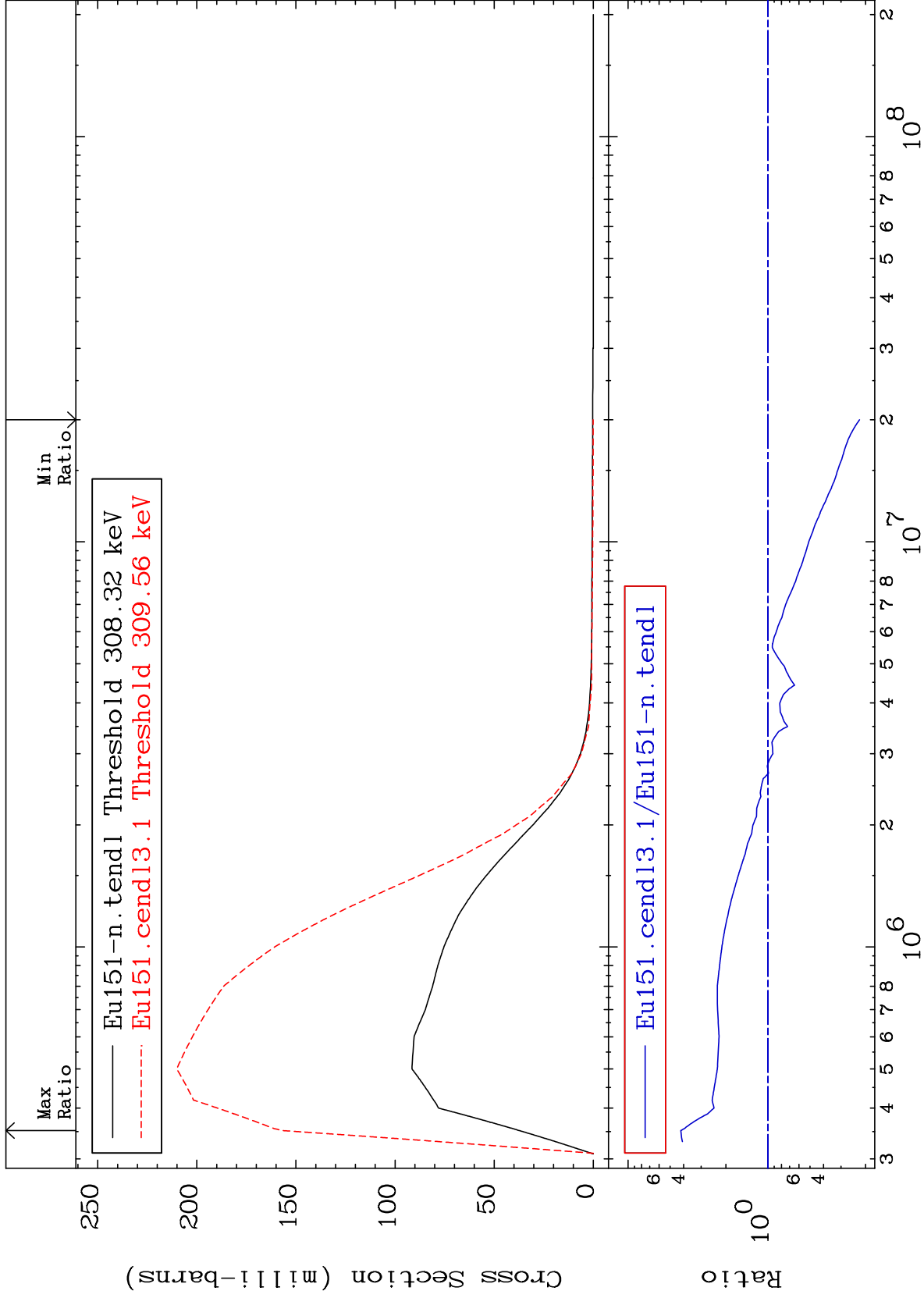
63-Eu-151  
-52.96 To 166.2 %



MAT 6325

306.3 keV (n,n') Level  
Cross Section

63-Eu-151  
-77.91 To 320.1 %



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Incident Energy (eV)

63-Eu-151

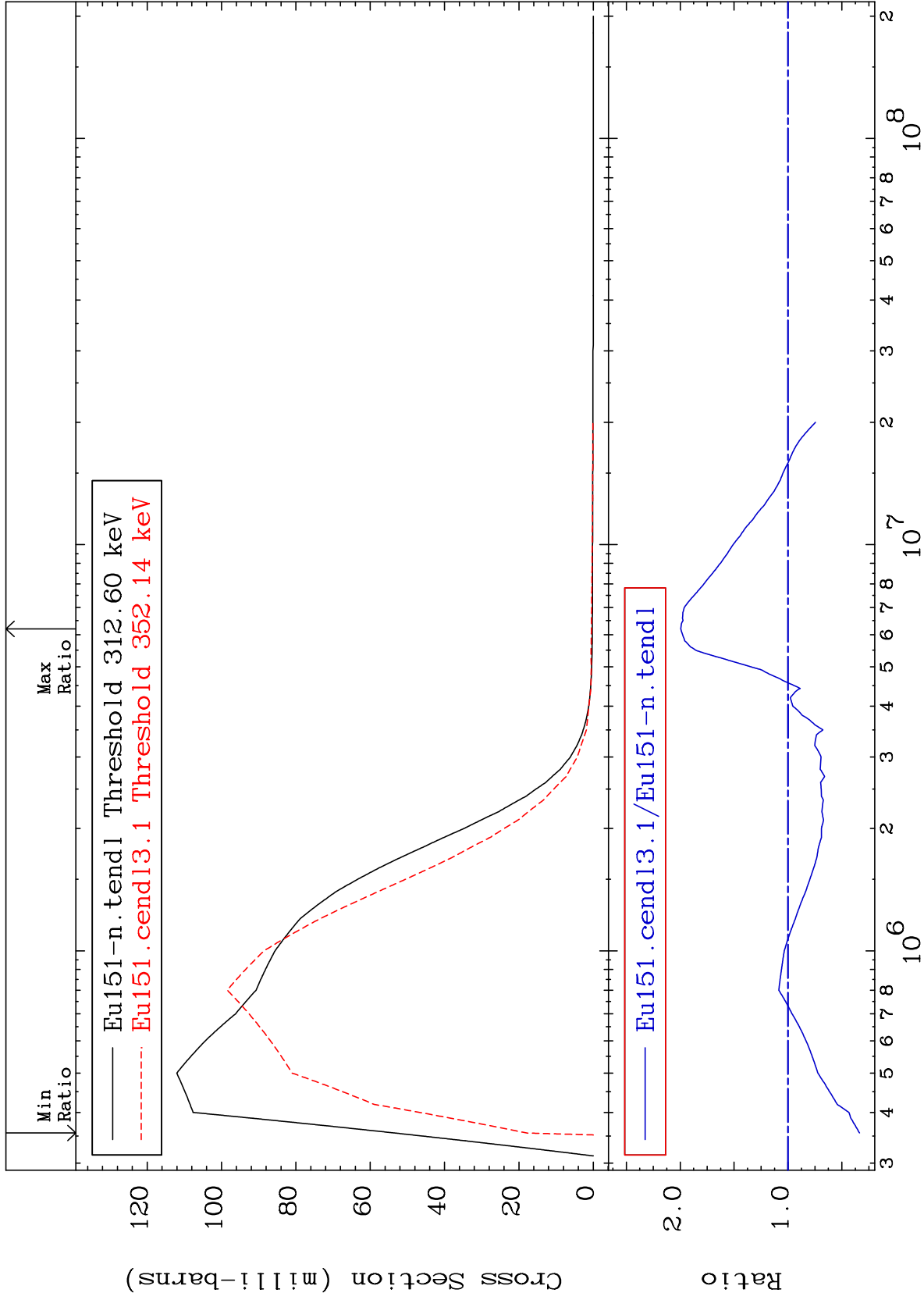
MAT 6325

310.5 keV (n,n') Level

63-Eu-151

-66.39 To 99.48 %

Cross Section



15

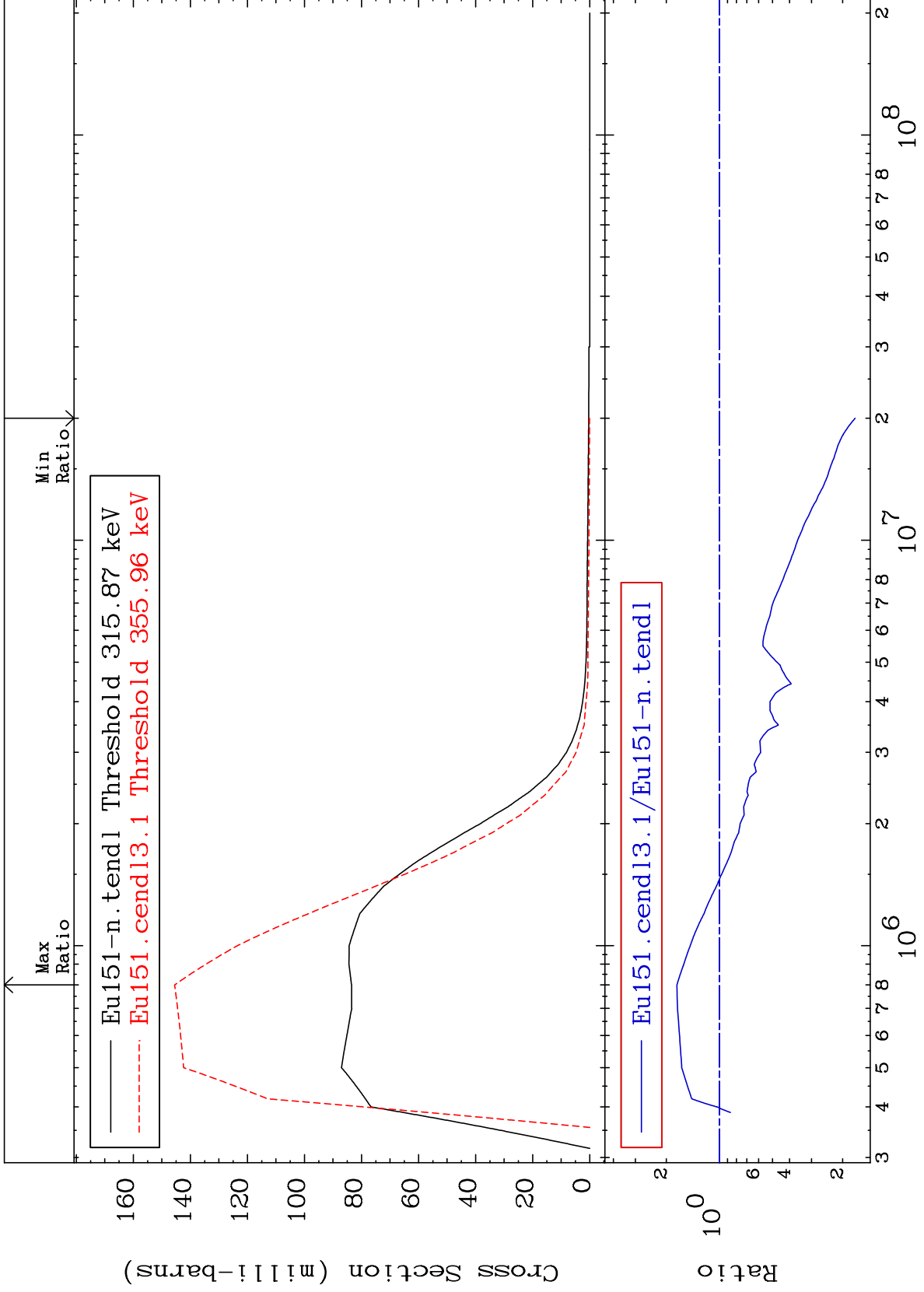
63-Eu-151

63-Eu-151

MAT 6325

313.8 keV (n,n') Level  
Cross Section

63-Eu-151  
-83.01 To 74.28 %



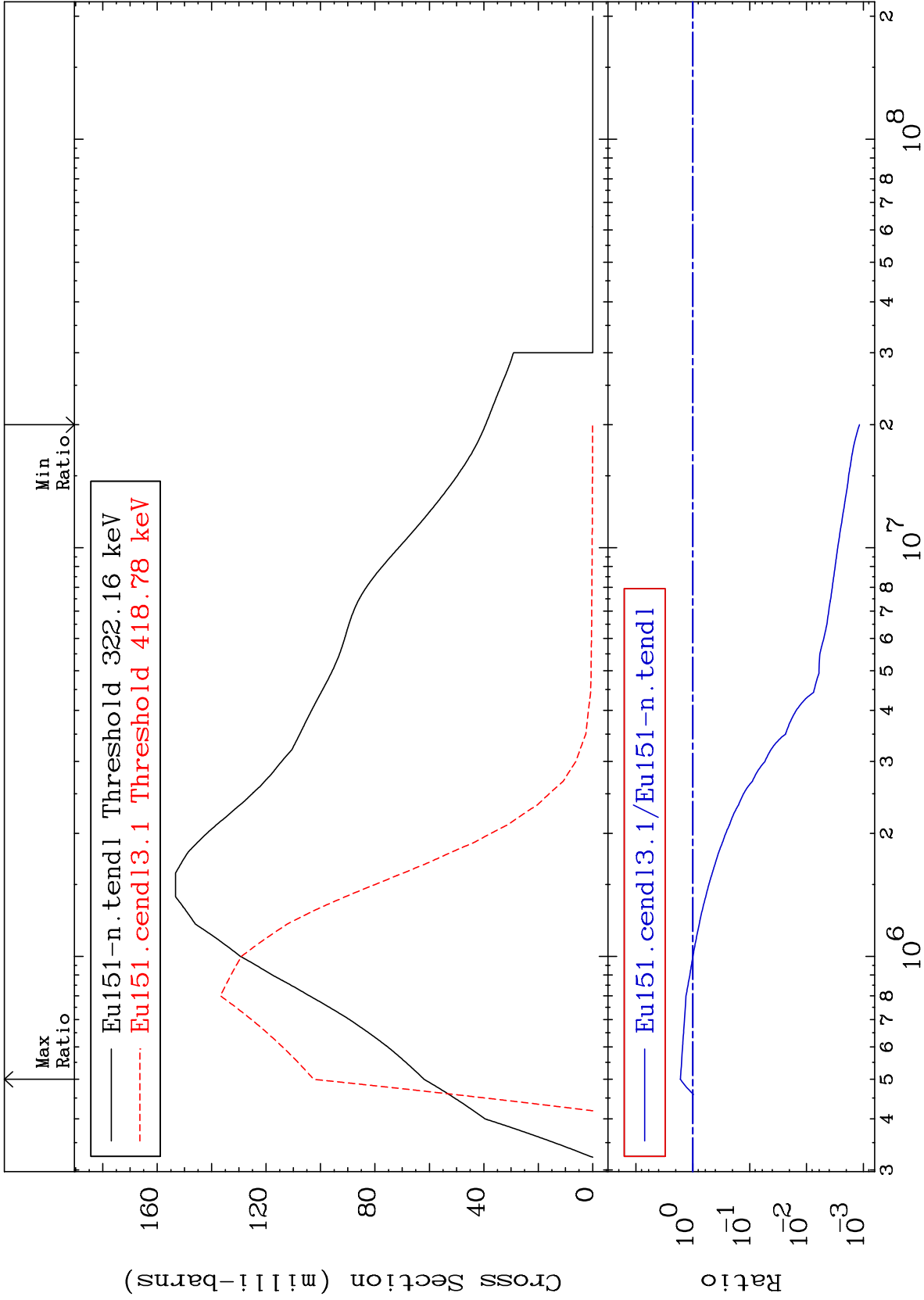
16

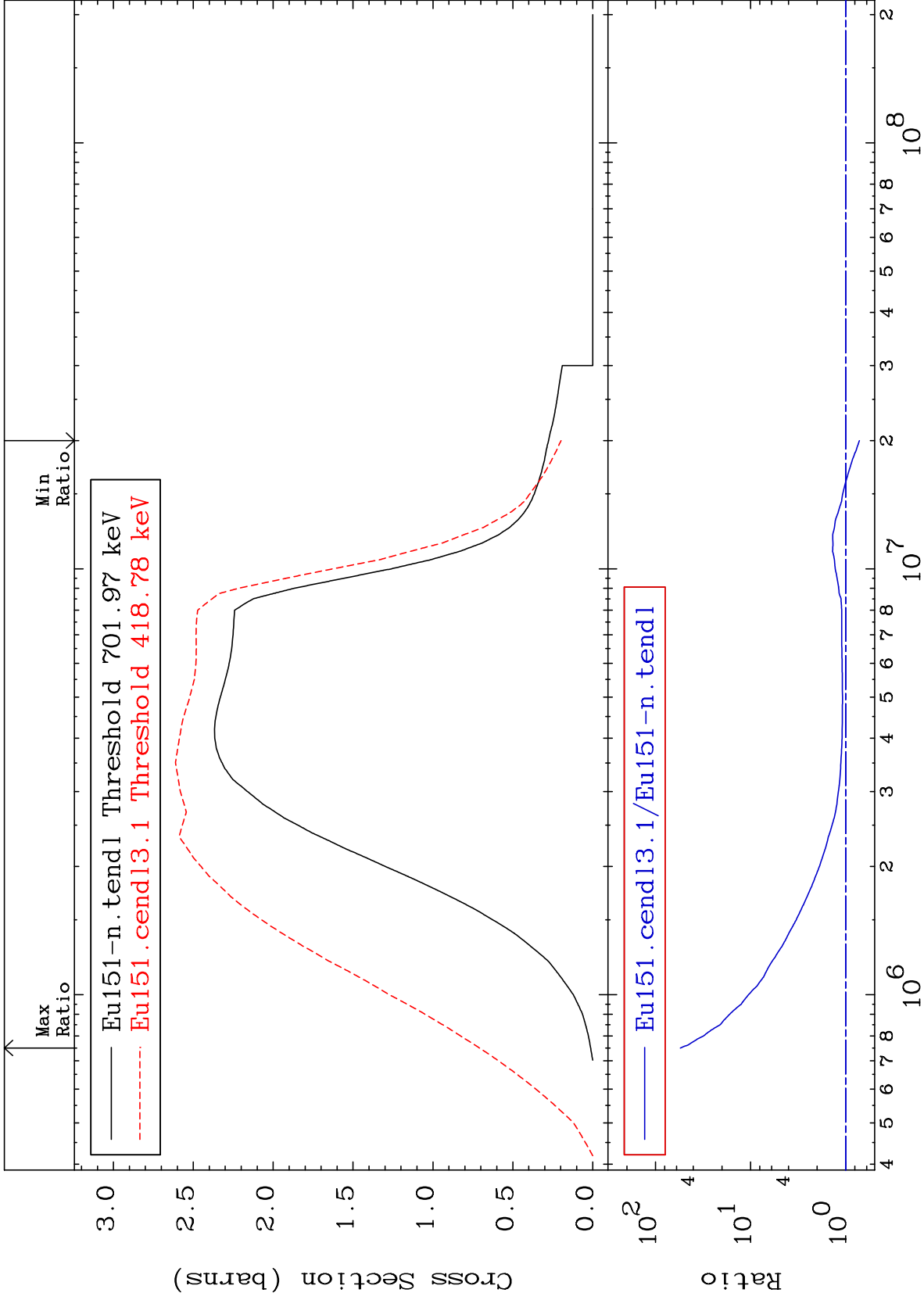
63-Eu-151

63-Eu-151



MAT 6325      320.0 keV (n,n') Level      63-Eu-151  
 Cross Section      -99.88 To 65.52 %

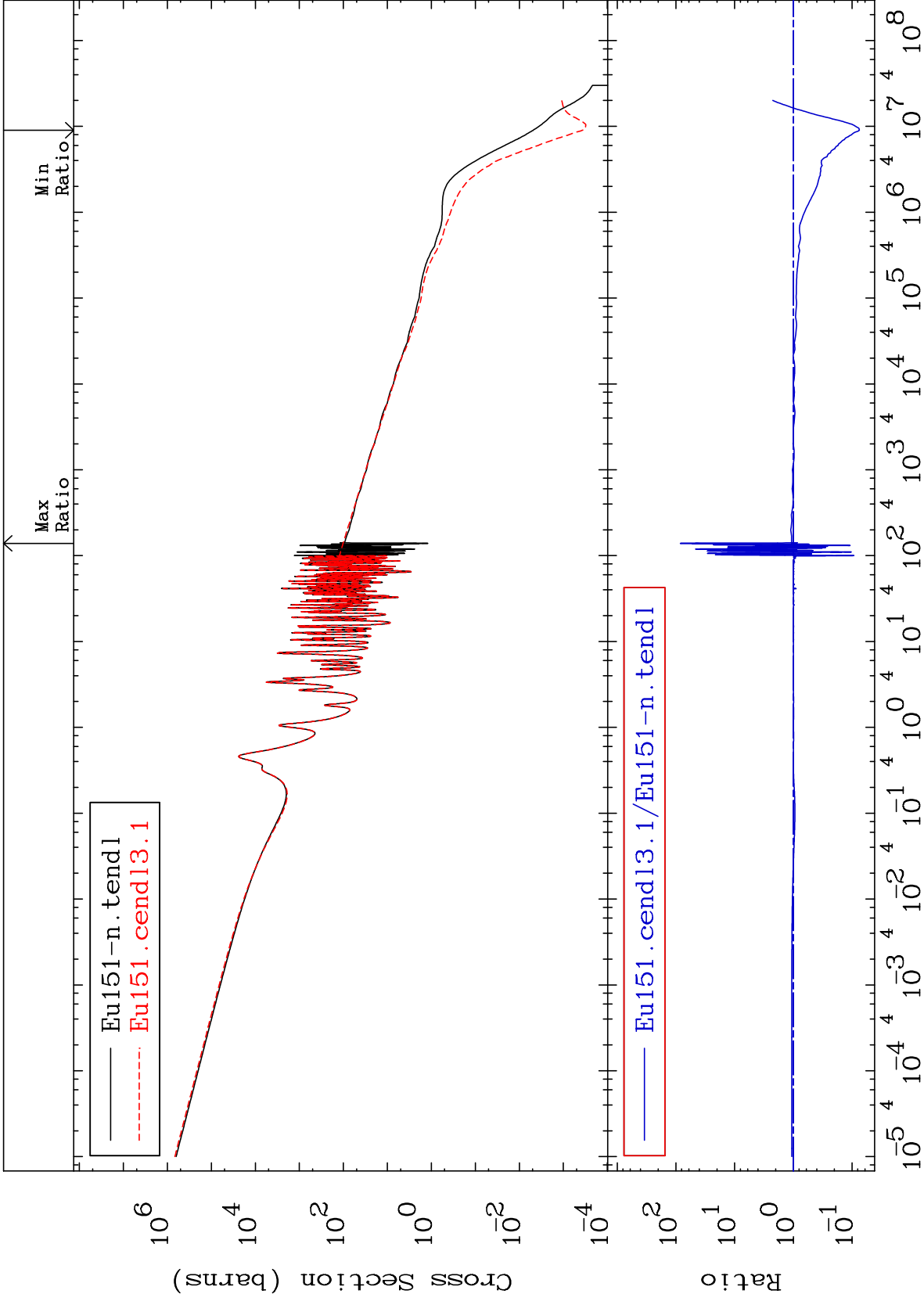




MAT 6325

(n,  $\gamma$ )  
Cross Section

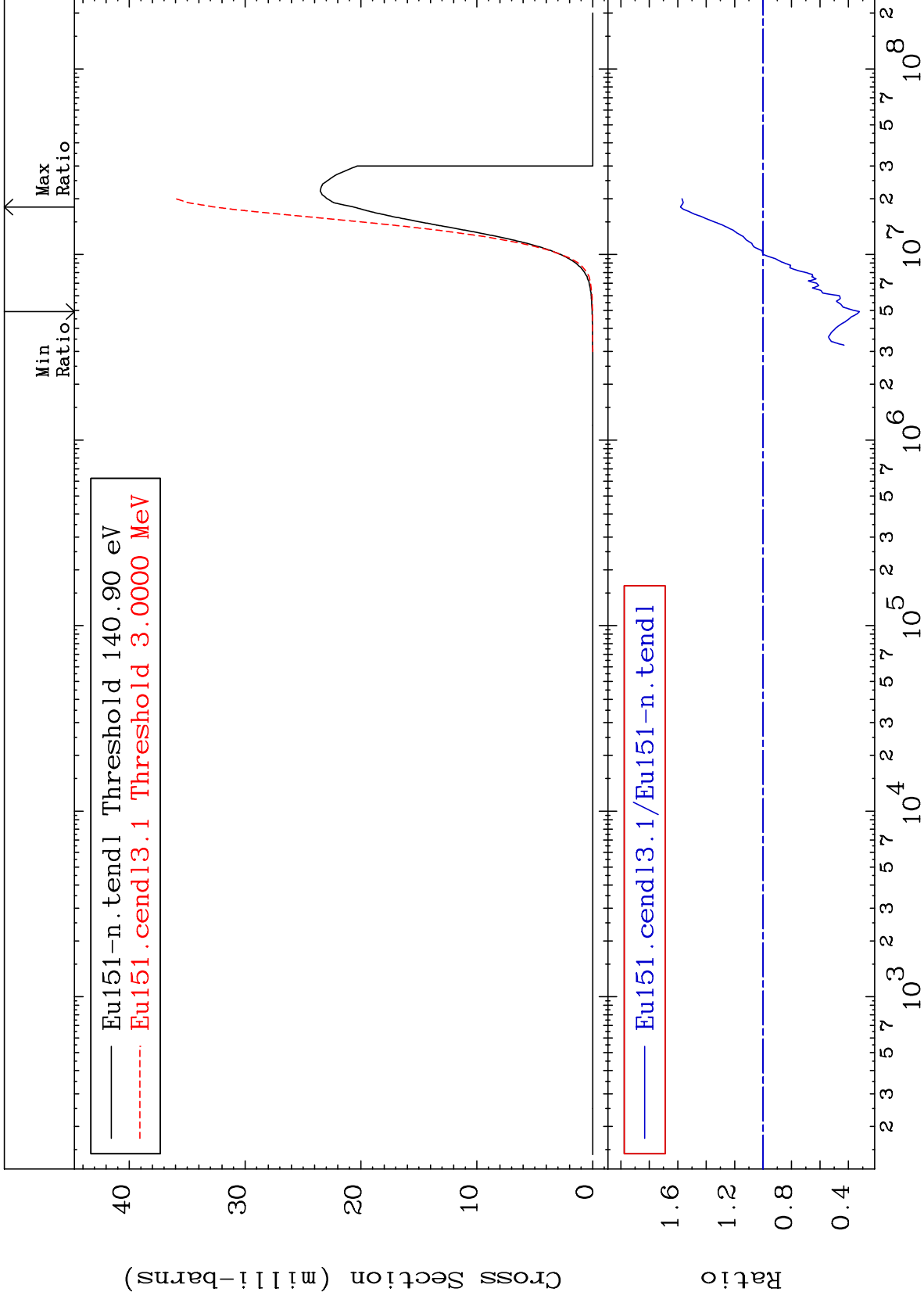
63-Eu-151  
-92.49 To 8367. %



MAT 6325

(n, p)  
Cross Section

63-Eu-151  
-67.73 To 58.16 %



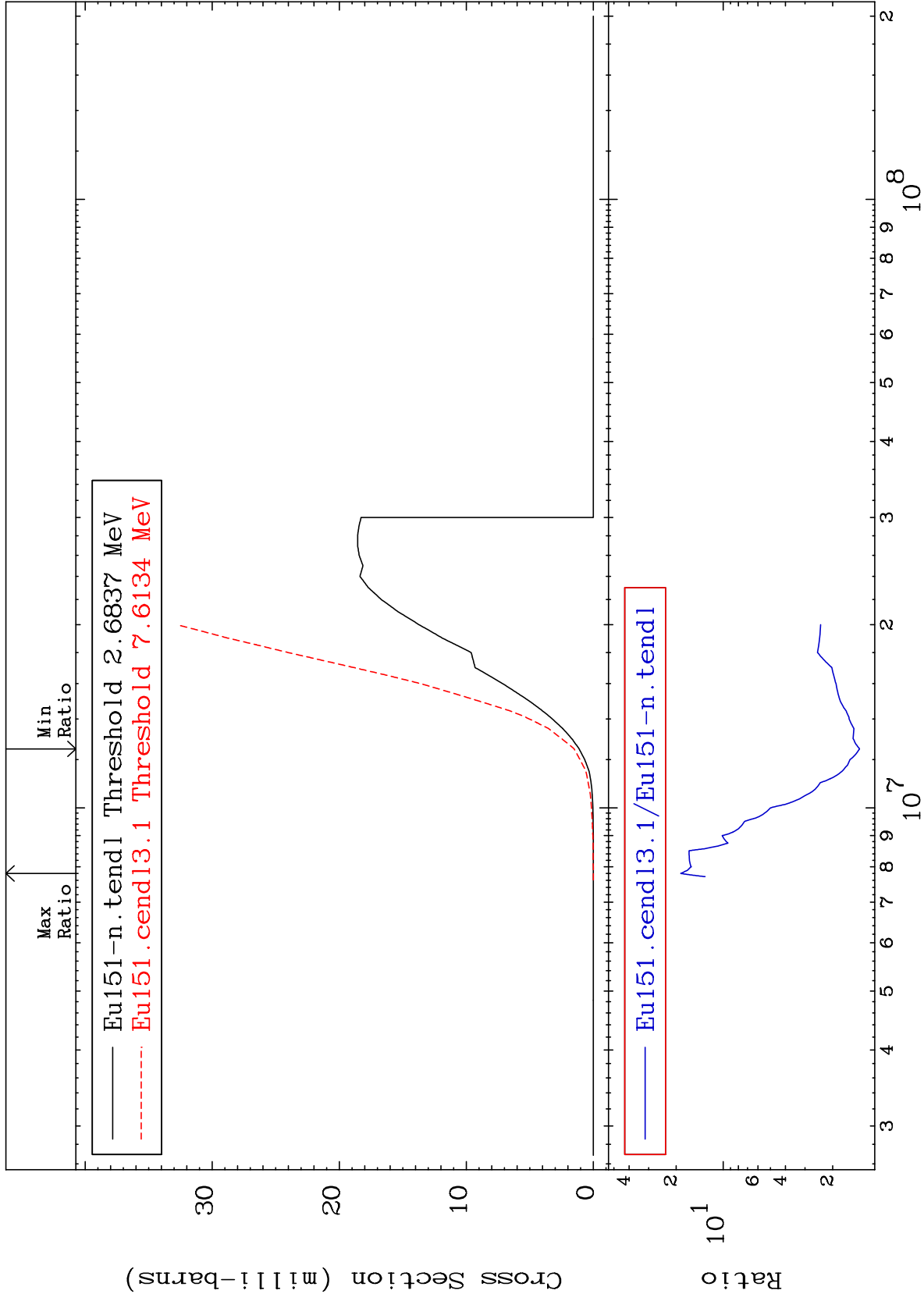
MAT 6325

(n, d)

63-Eu-151

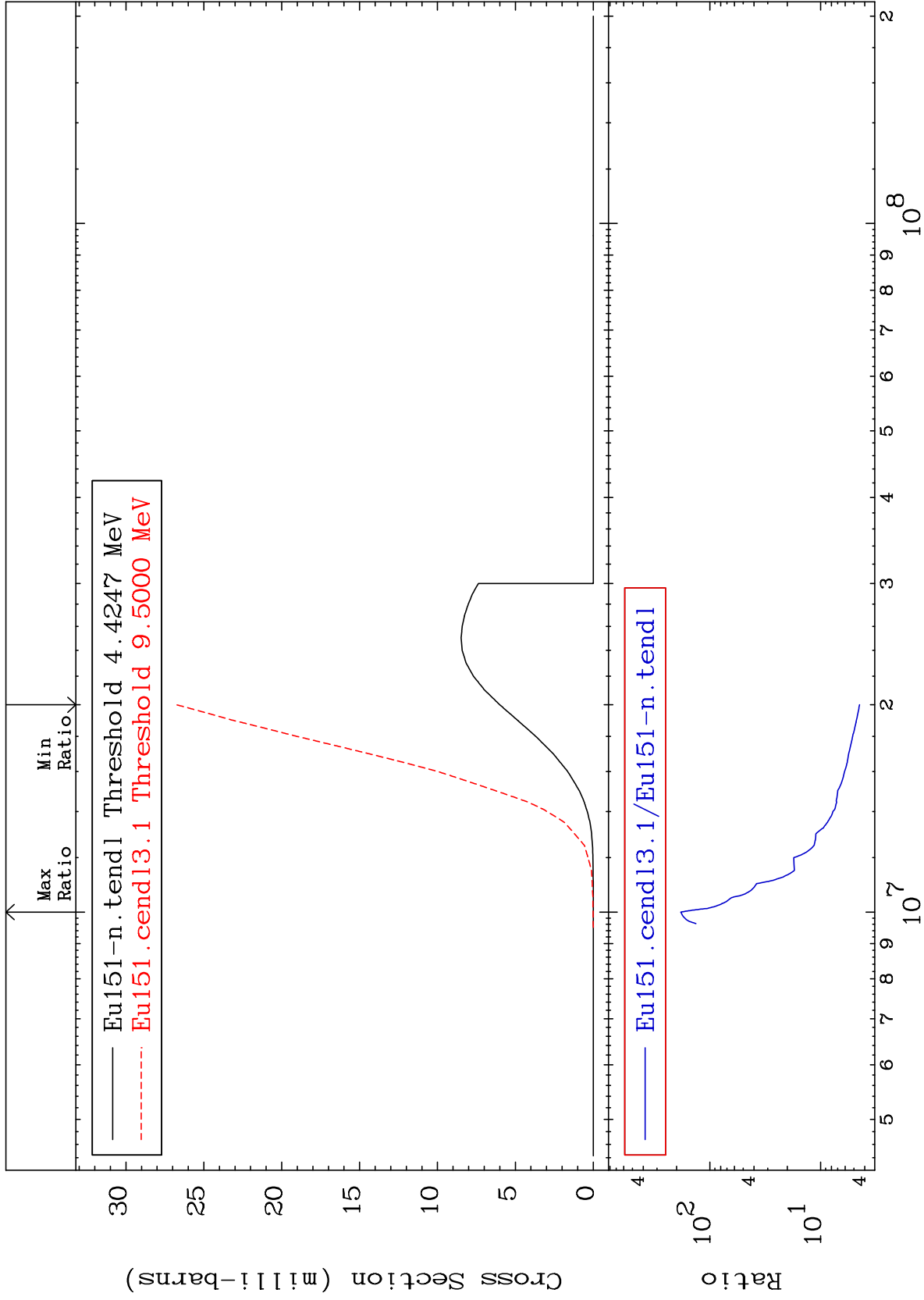
Cross Section

34.64 To 1768. %



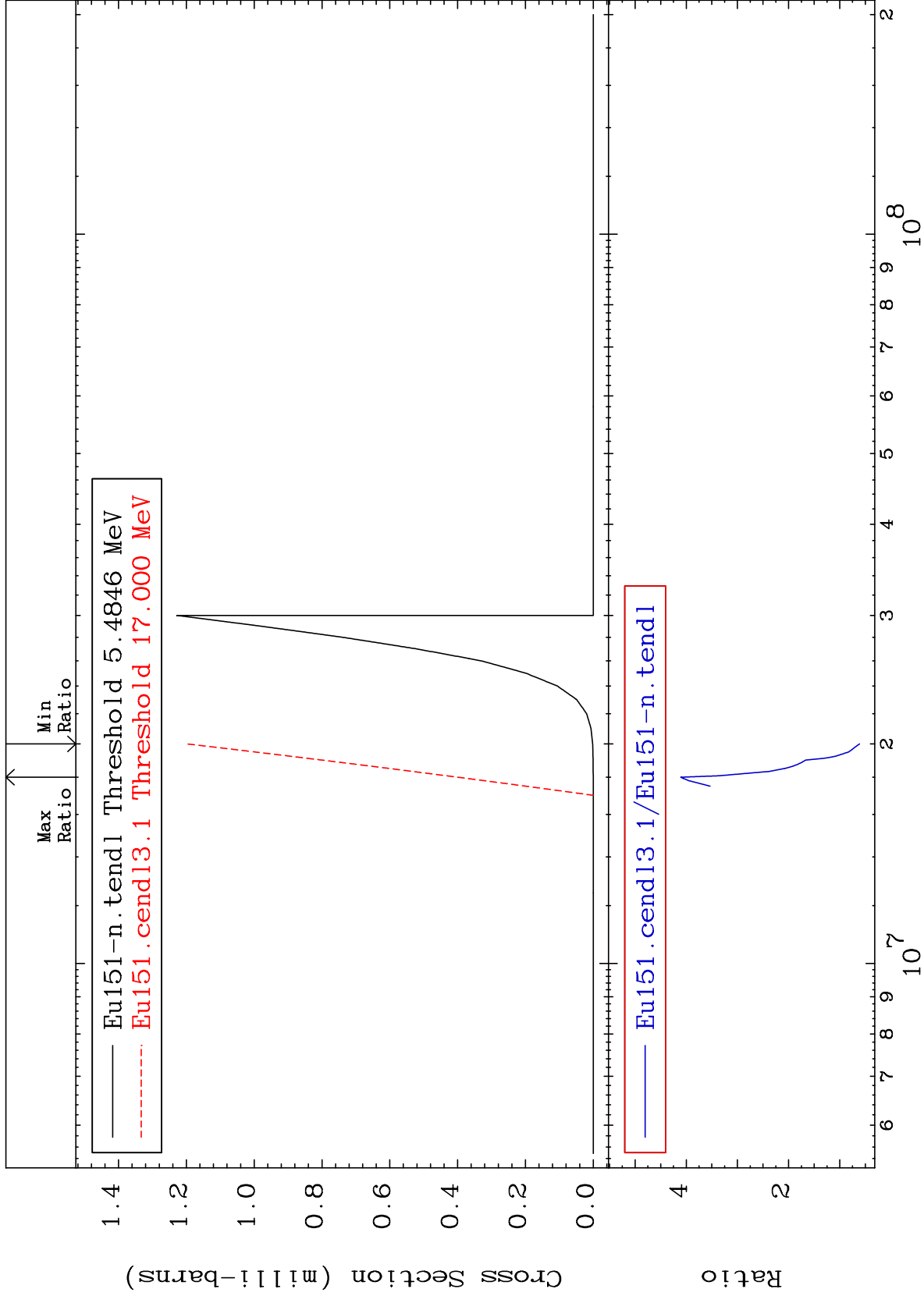
21

63-Eu-151



Cross Section

9999. % To 9999. %



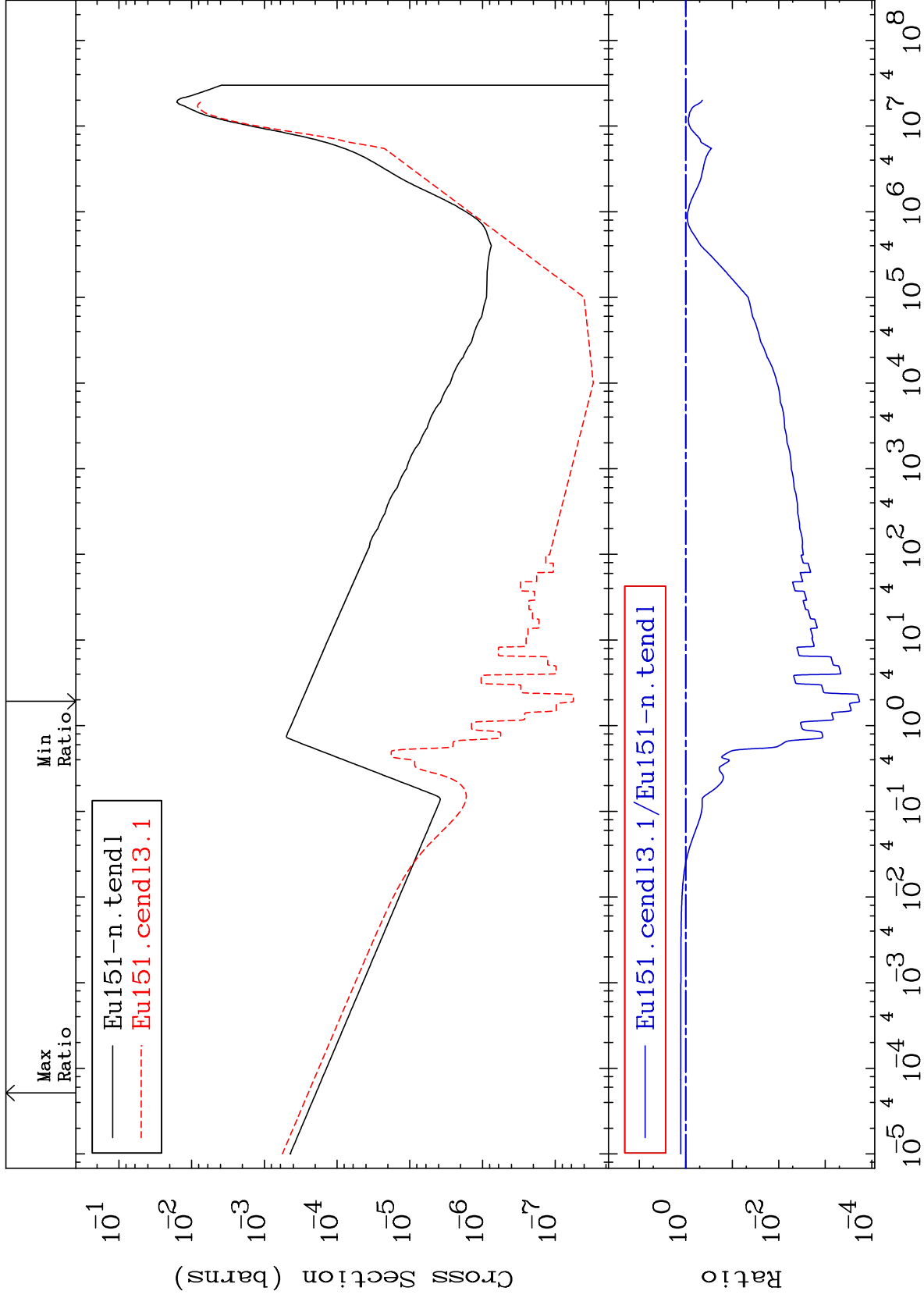
MAT 6325

(n,  $\alpha$ )

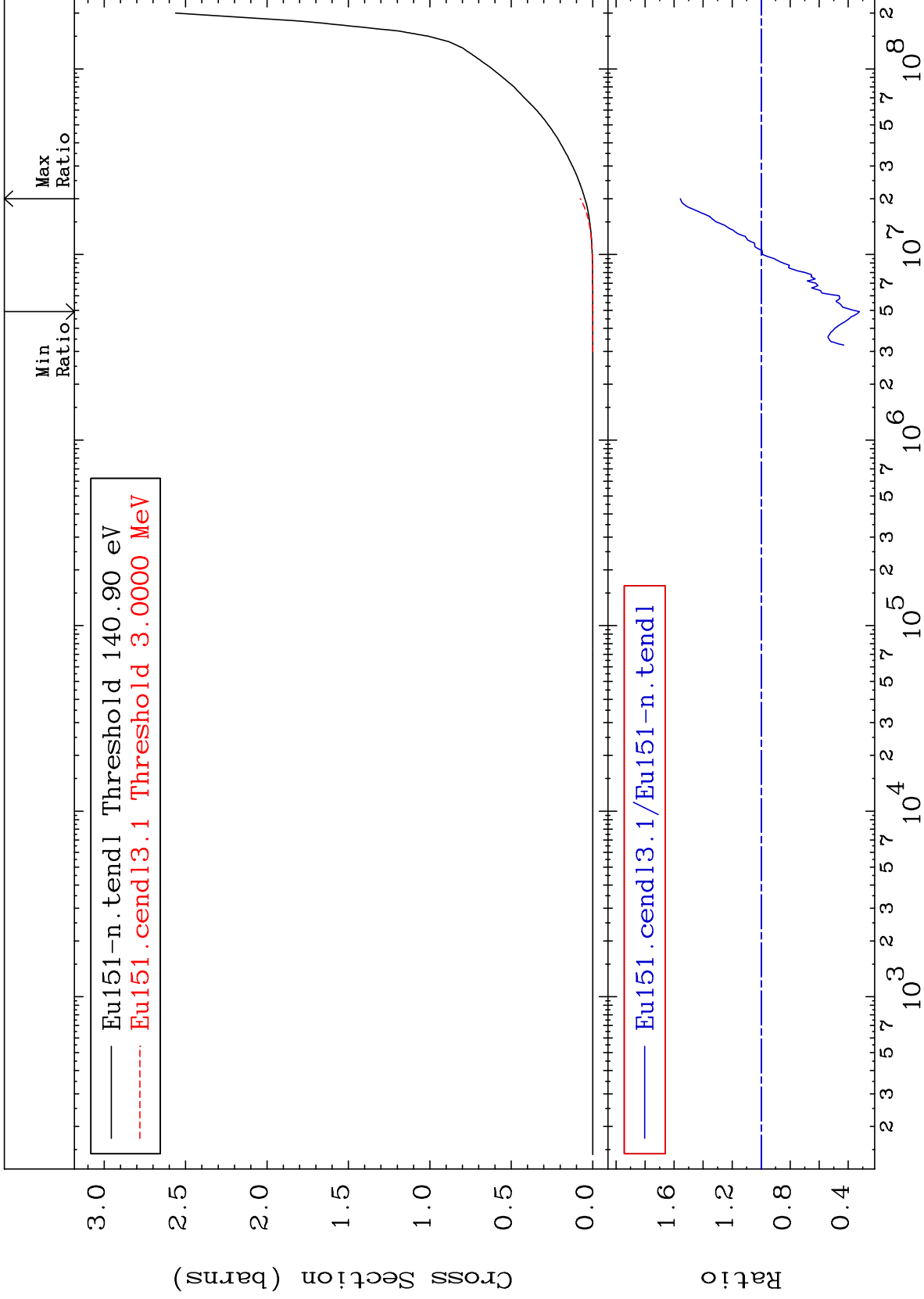
63-Eu-151

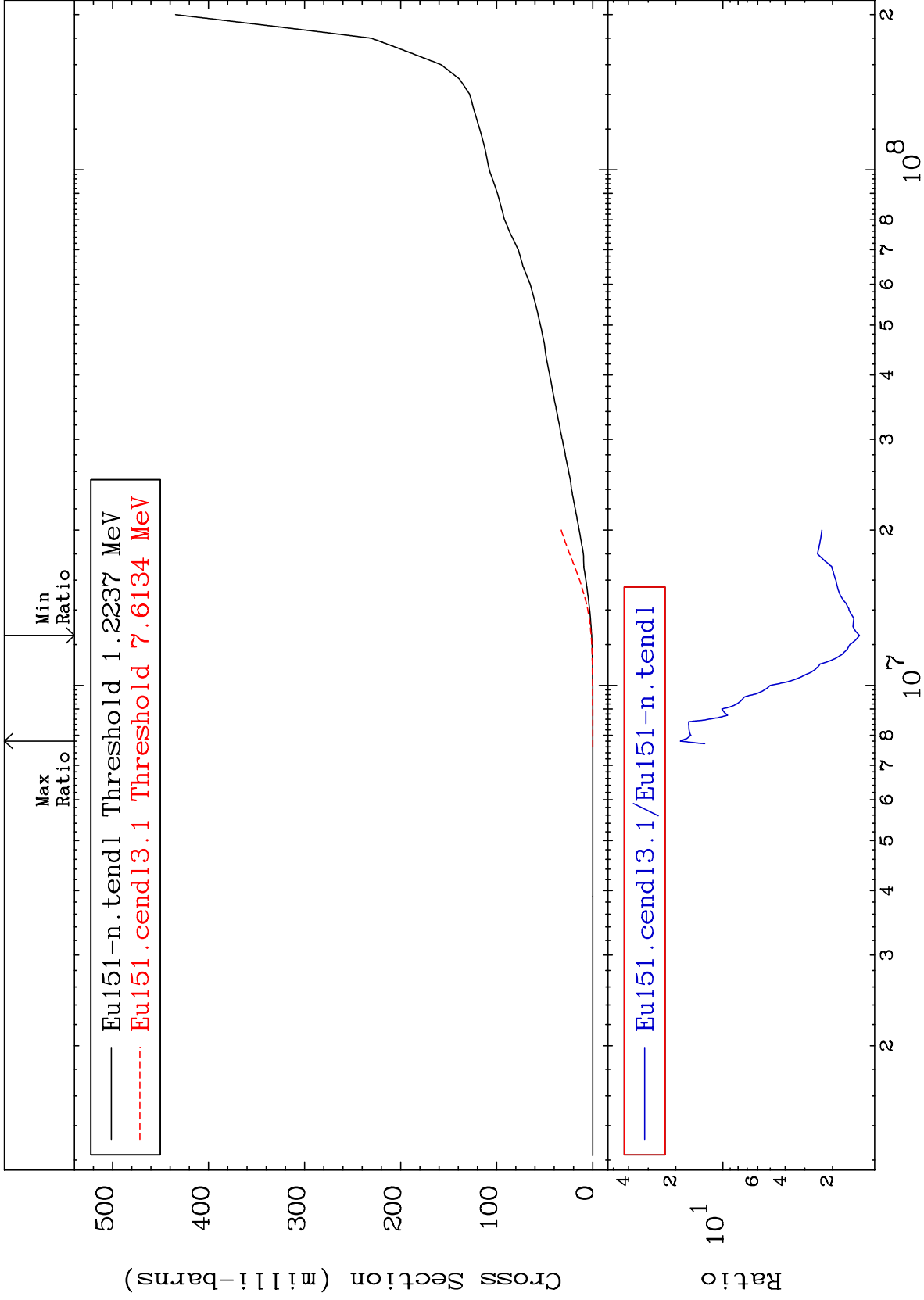
Cross Section

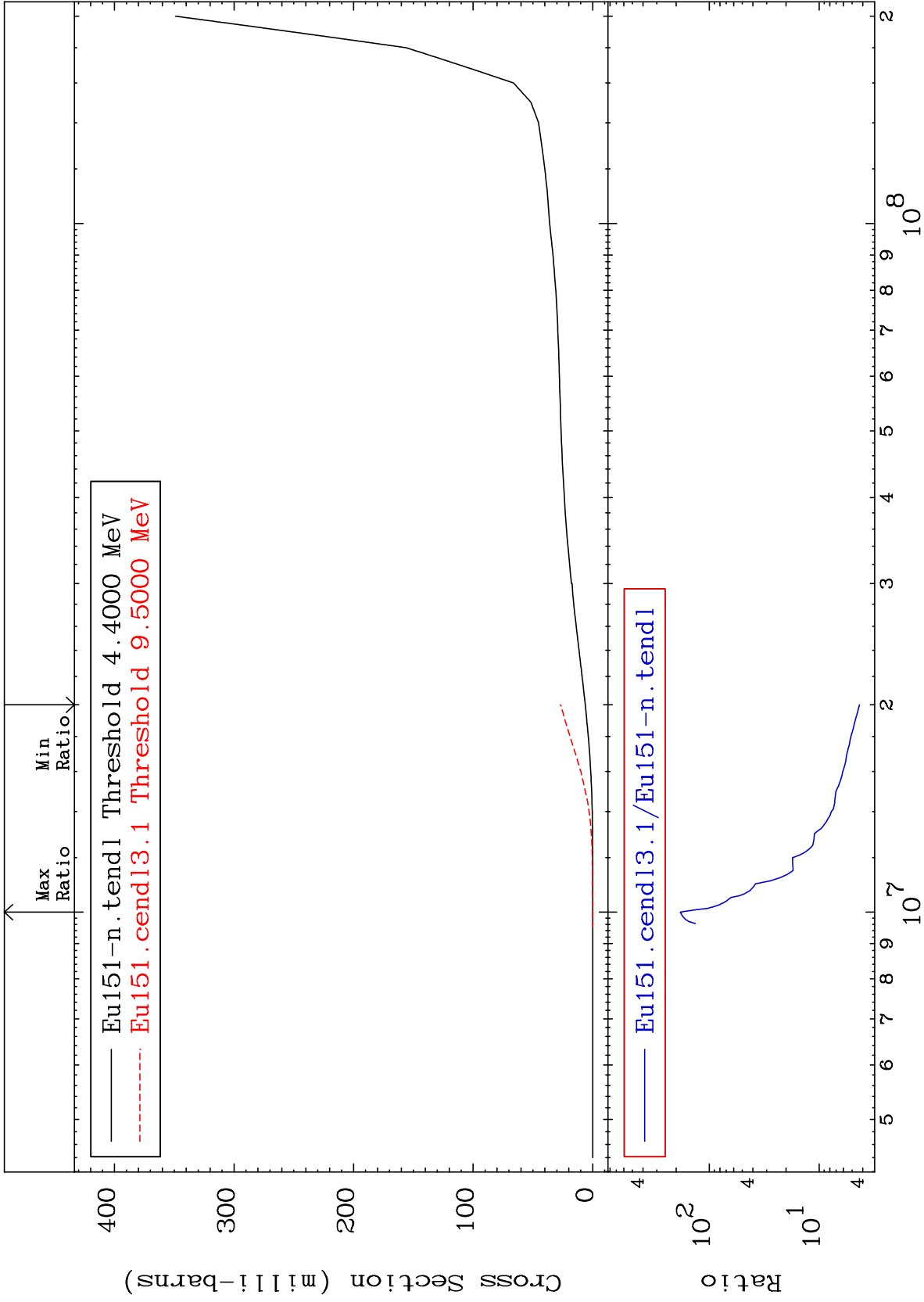
-99.98 To 27.97 %







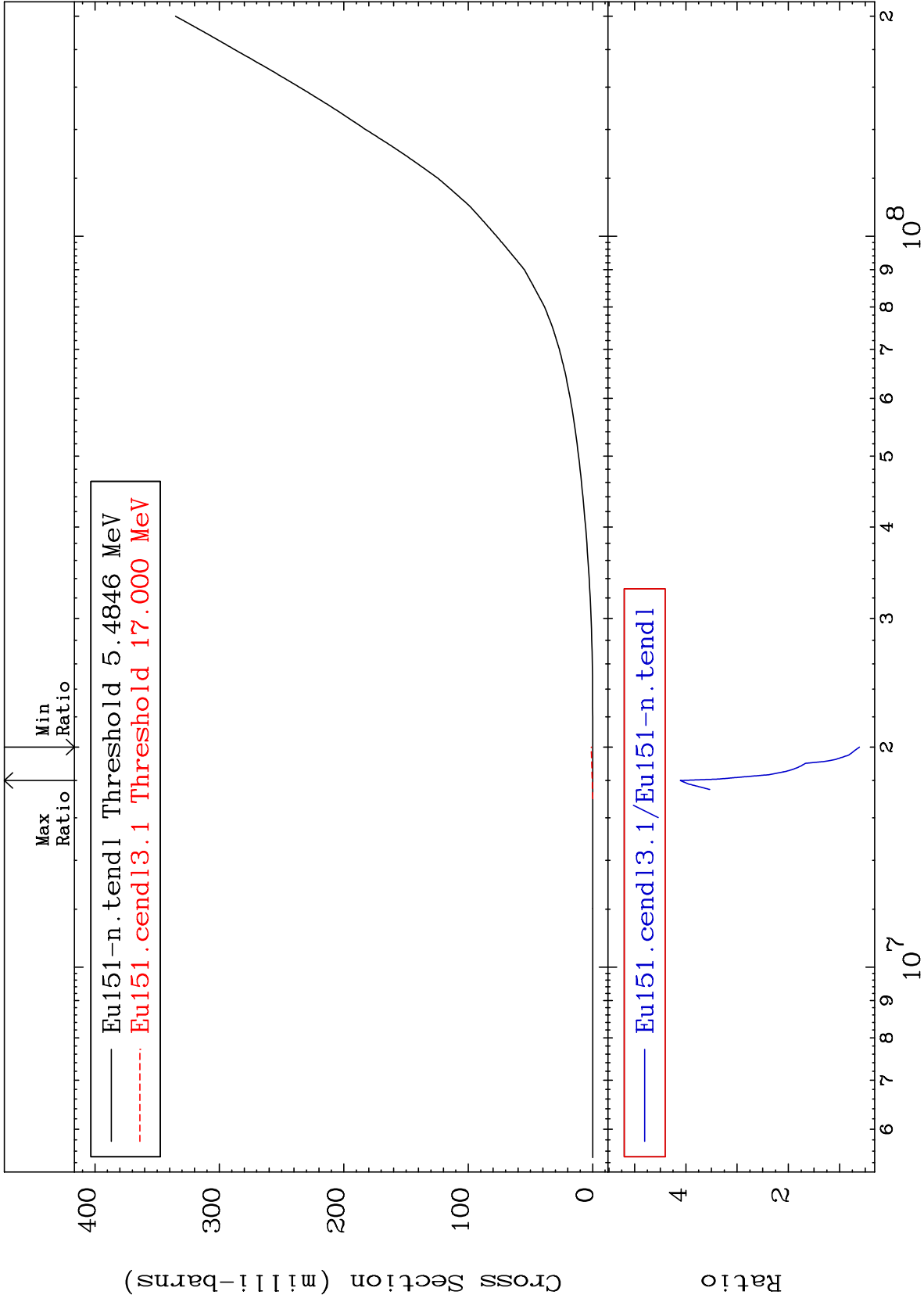




MAT 6325

He-3 Production  
Cross Section

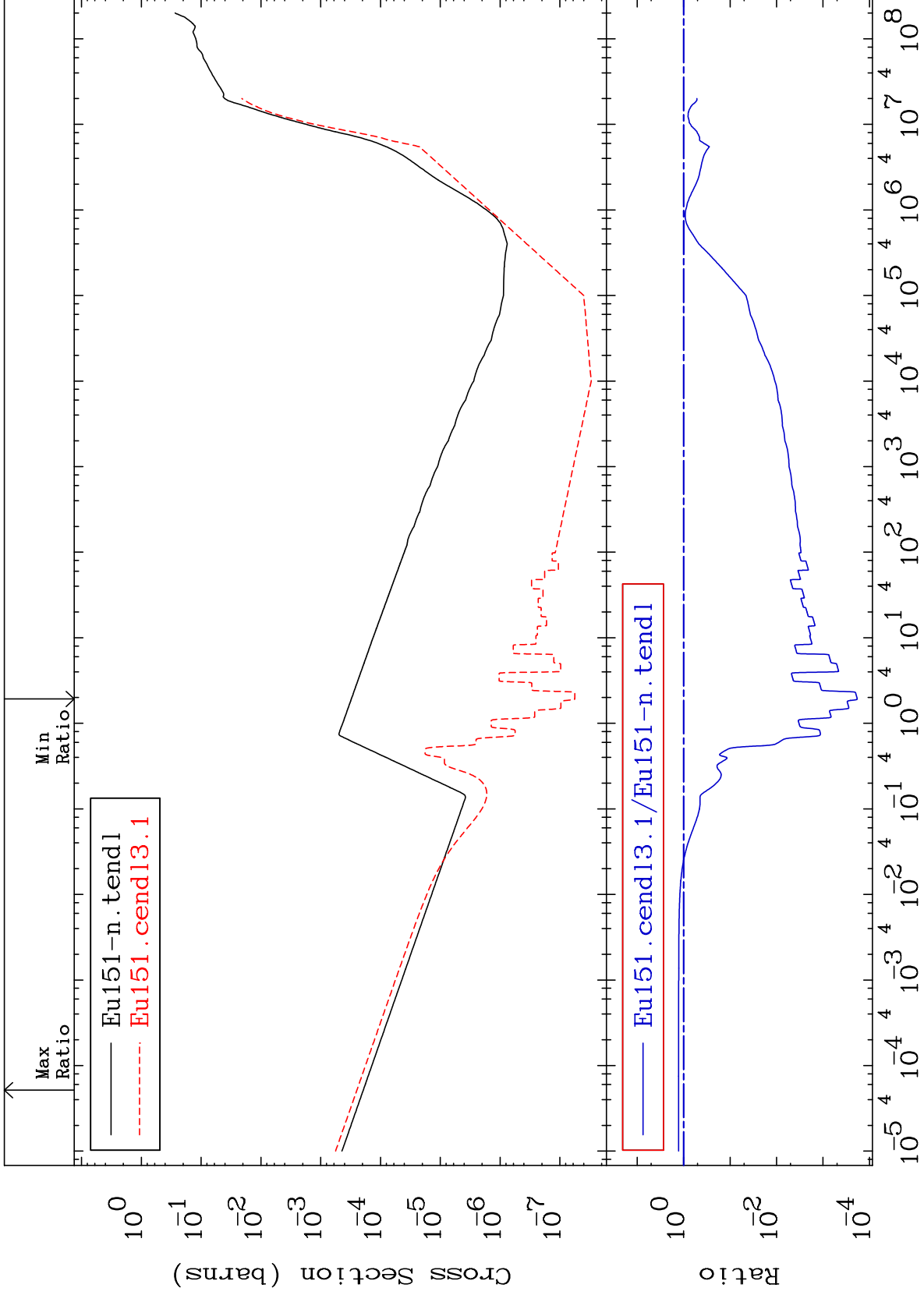
63-Eu-151  
9999. To 9999. %



MAT 6325

He-4 Production  
Cross Section

63-Eu-151  
-99.98 To 27.97 %



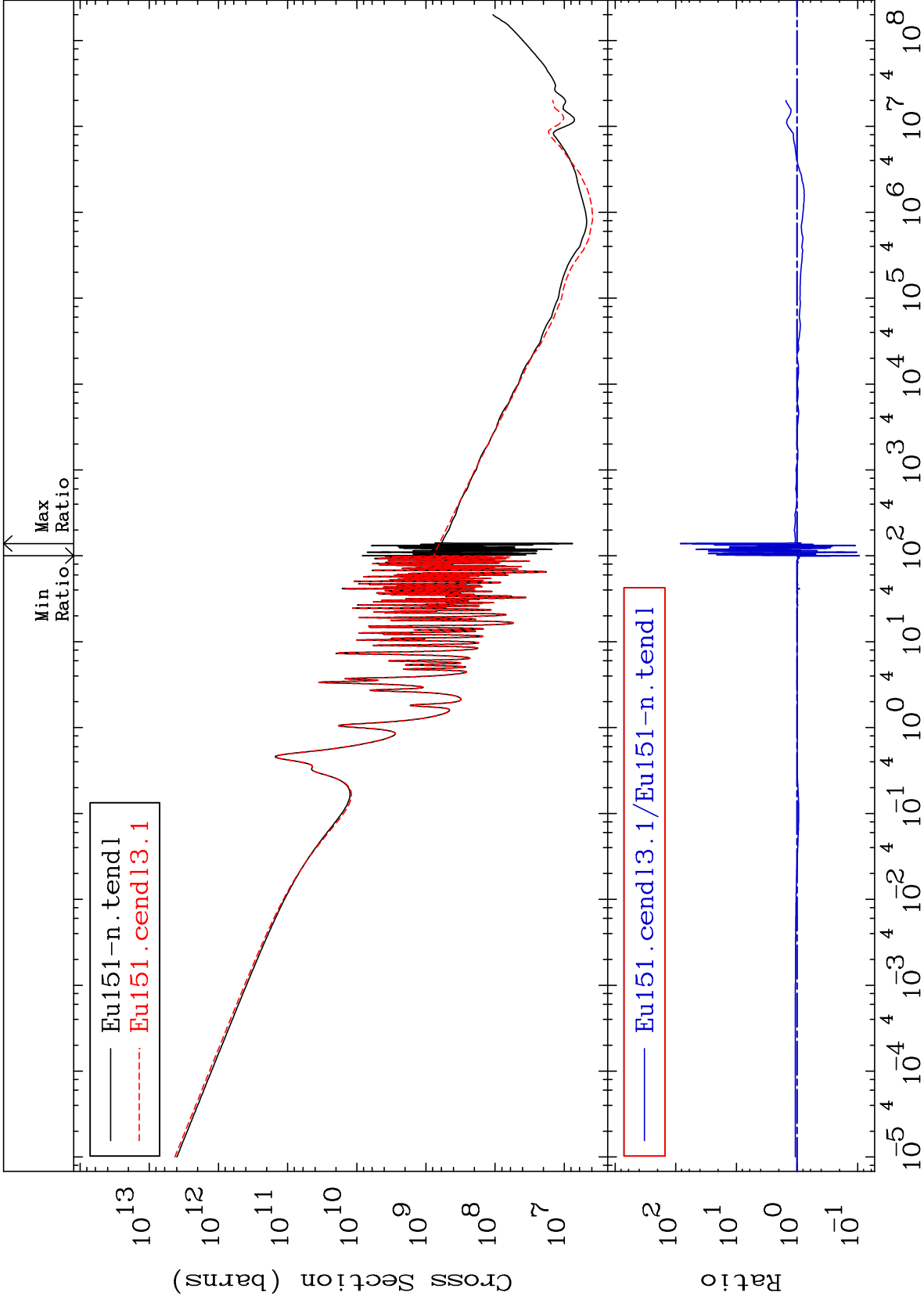
MAT 6325

Kerma total (eV-barns)

63-Eu-151

-90.61 To 8368. %

Cross Section



30

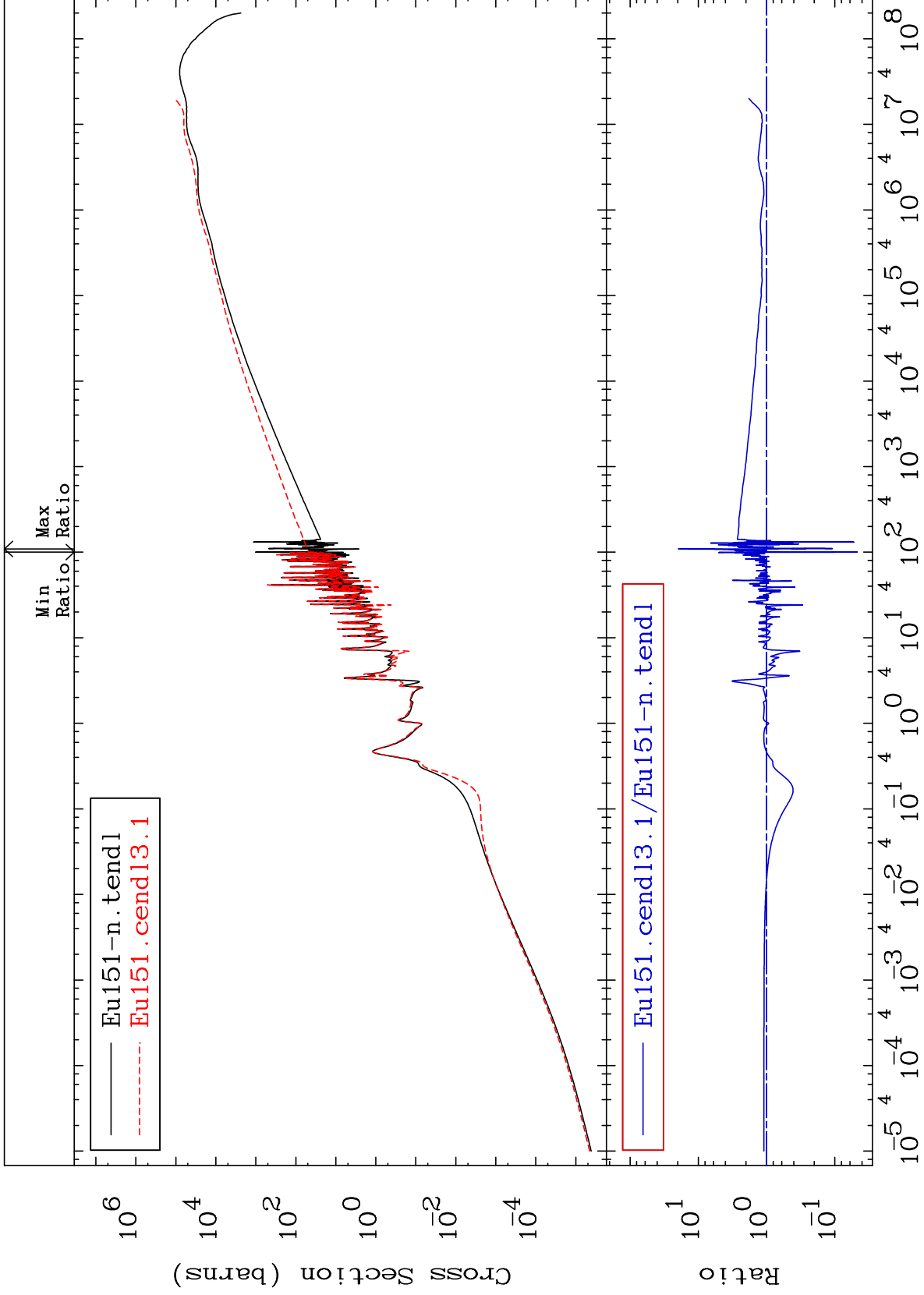
Incident Energy (eV)

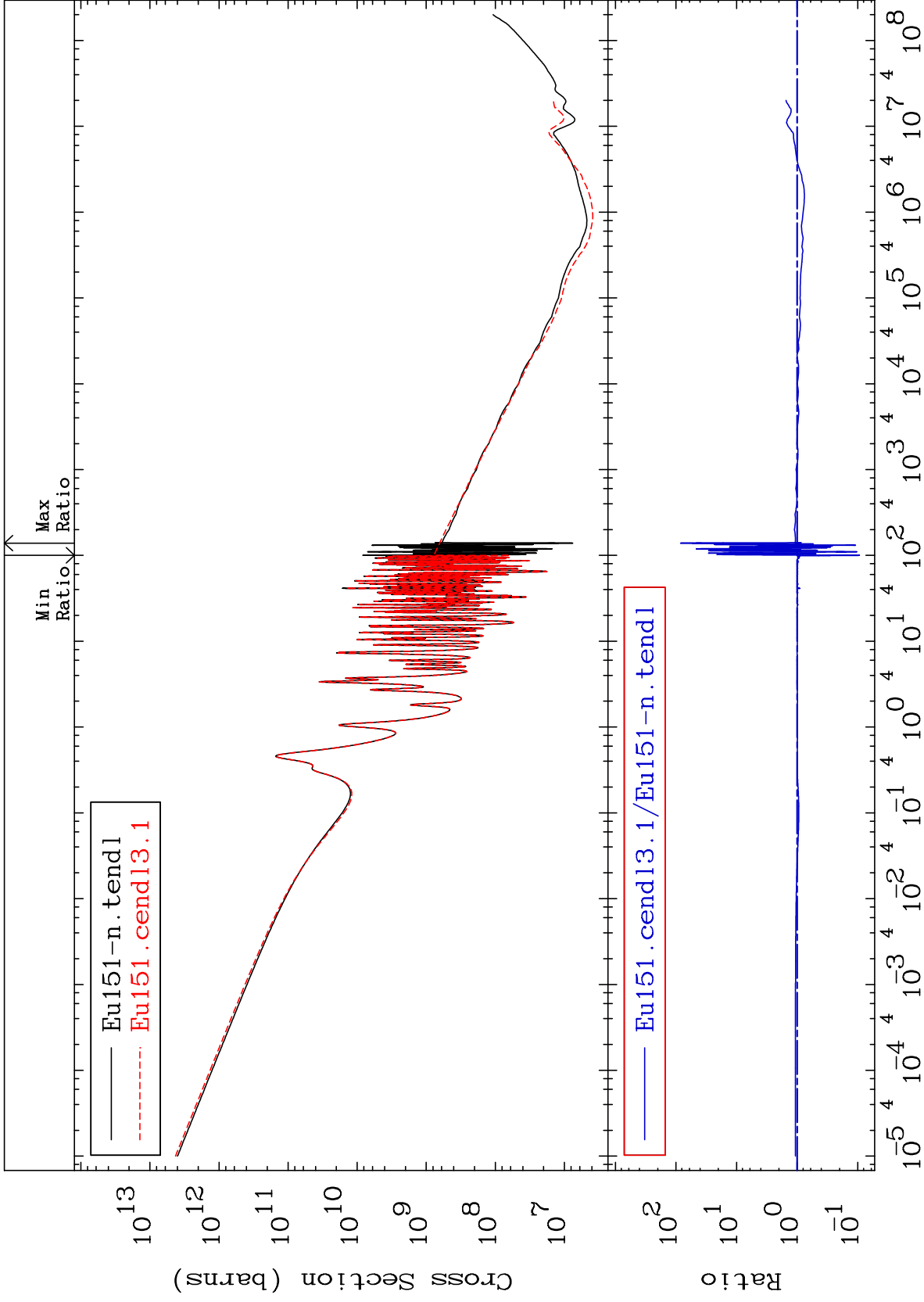
63-Eu-151

MAT 6325

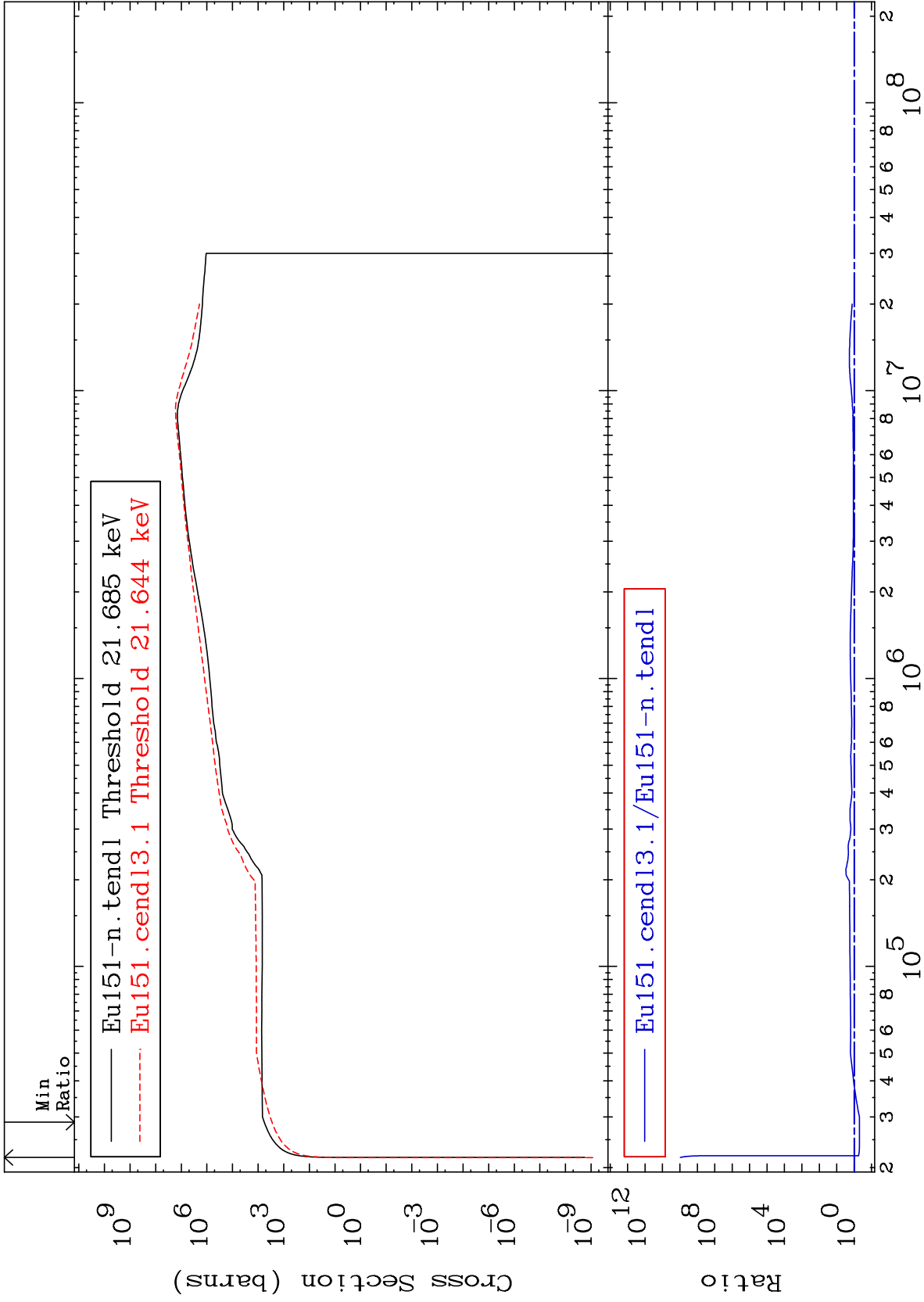
Kerma elastic  
Cross Section

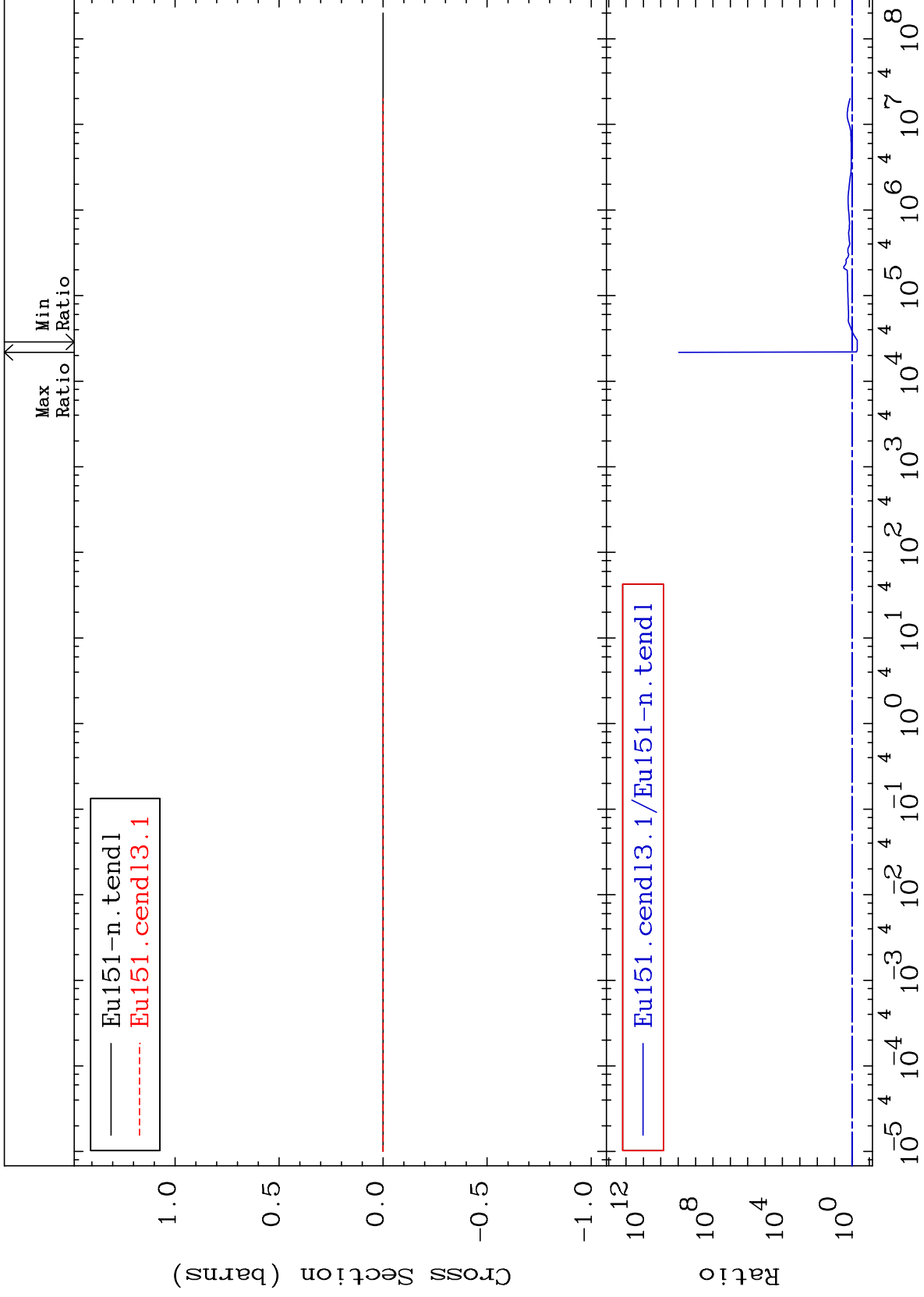
63-Eu-151  
-95.30 To 1842. %







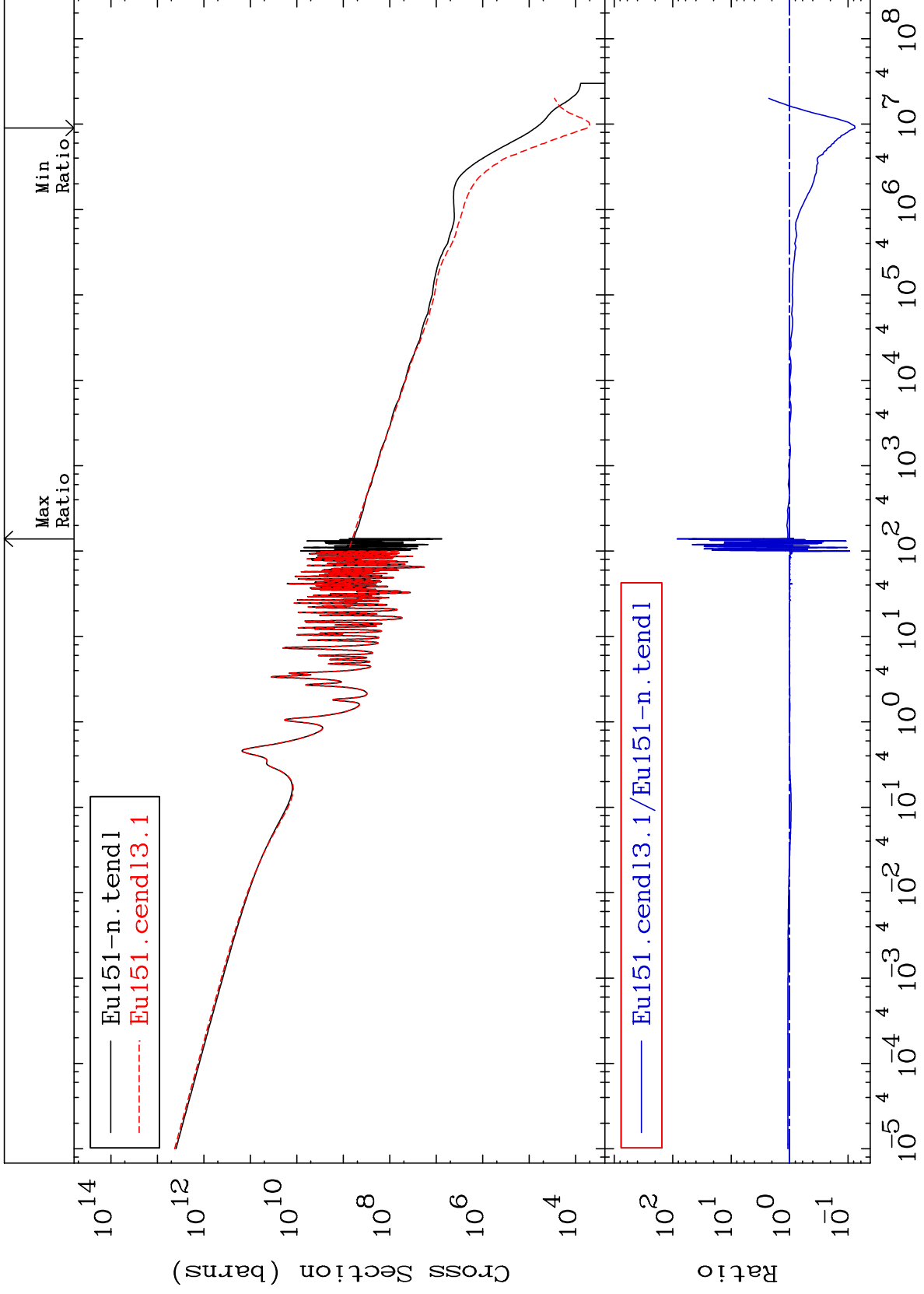




MAT 6325

Kerma capture (mt102)  
Cross Section

63-Eu-151  
-92.43 To 8369. %



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Incident Energy (eV)

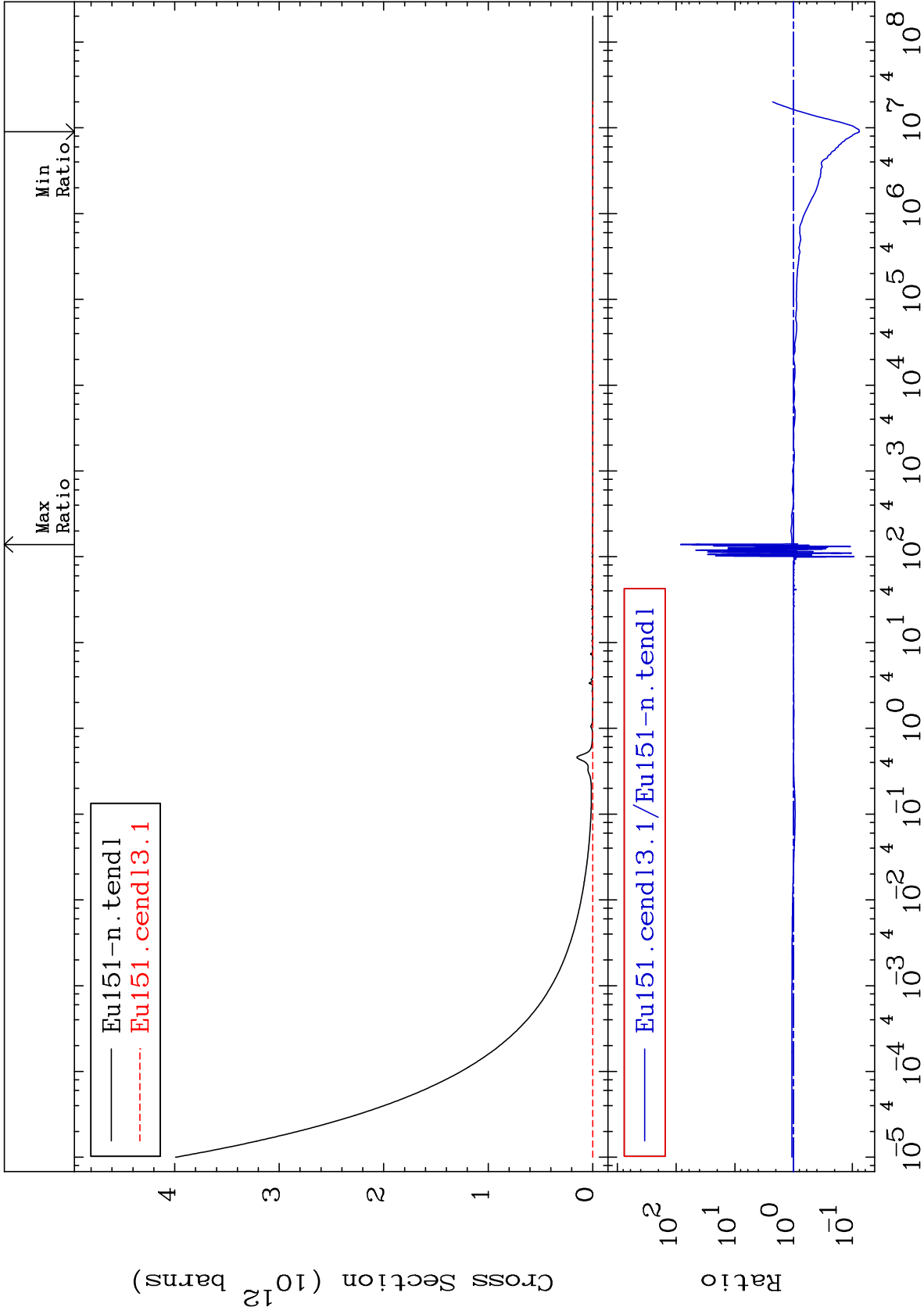
63-Eu-151

MAT 6325

Total photon (eV-barns)  
Cross Section

63-Eu-151

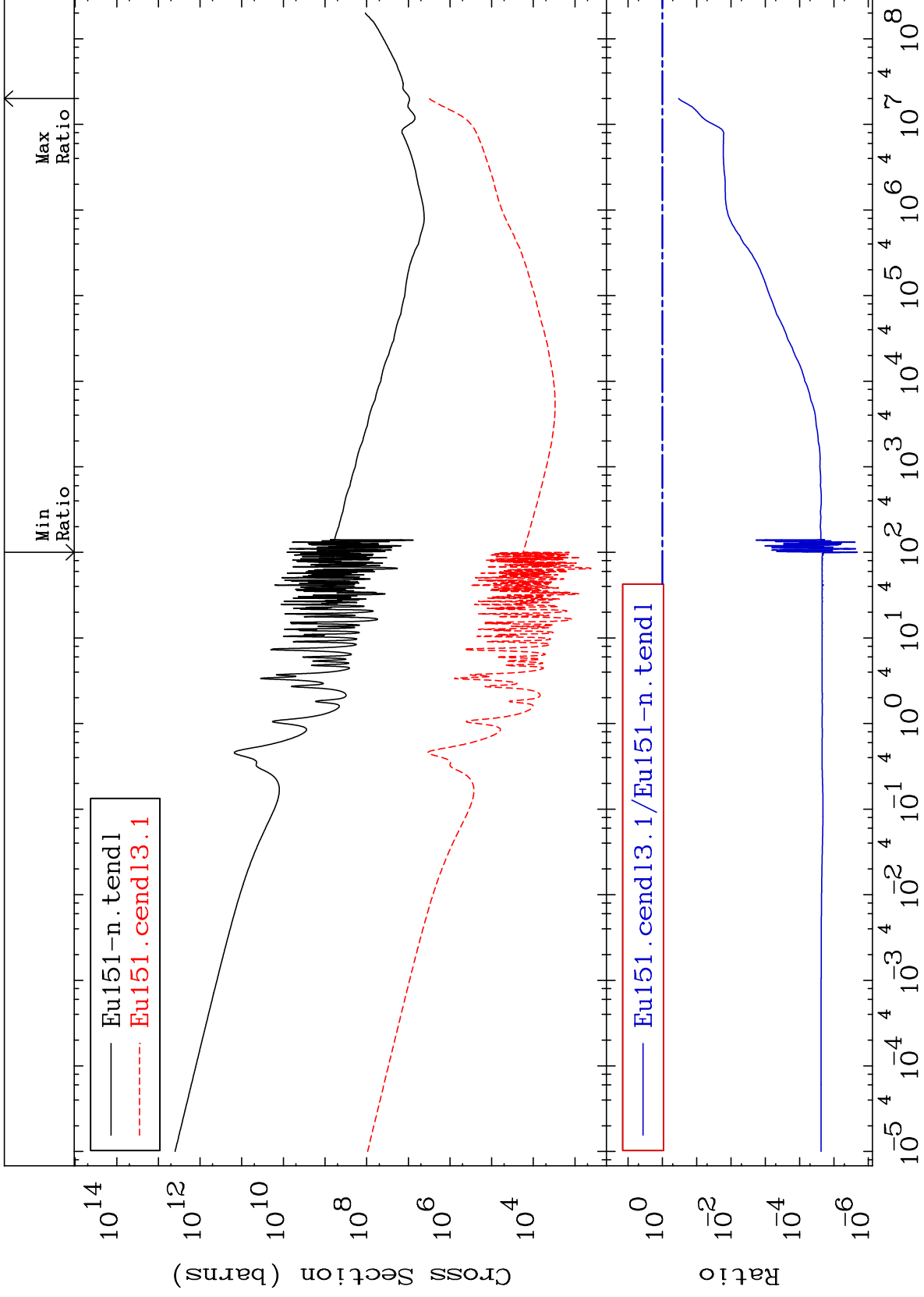
-92.43 To 8369. %



MAT 6325

Total kinematic kerma (high limit)  
Cross Section

63-Eu-151  
-100.0 To -66.26%



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Incident Energy (eV)

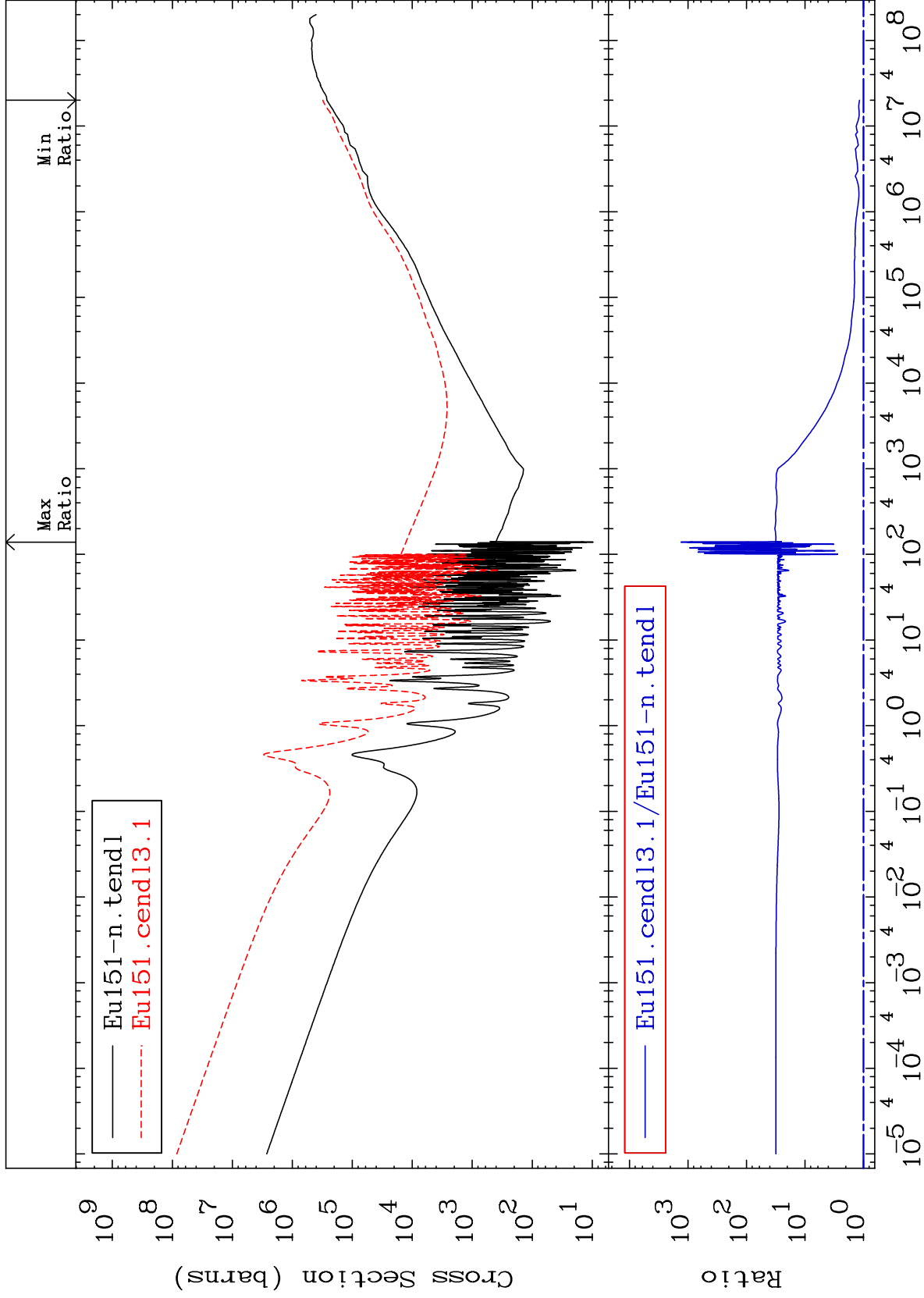
63-Eu-151

MAT 6325

Dpa total (eV-barns)

63-Eu-151

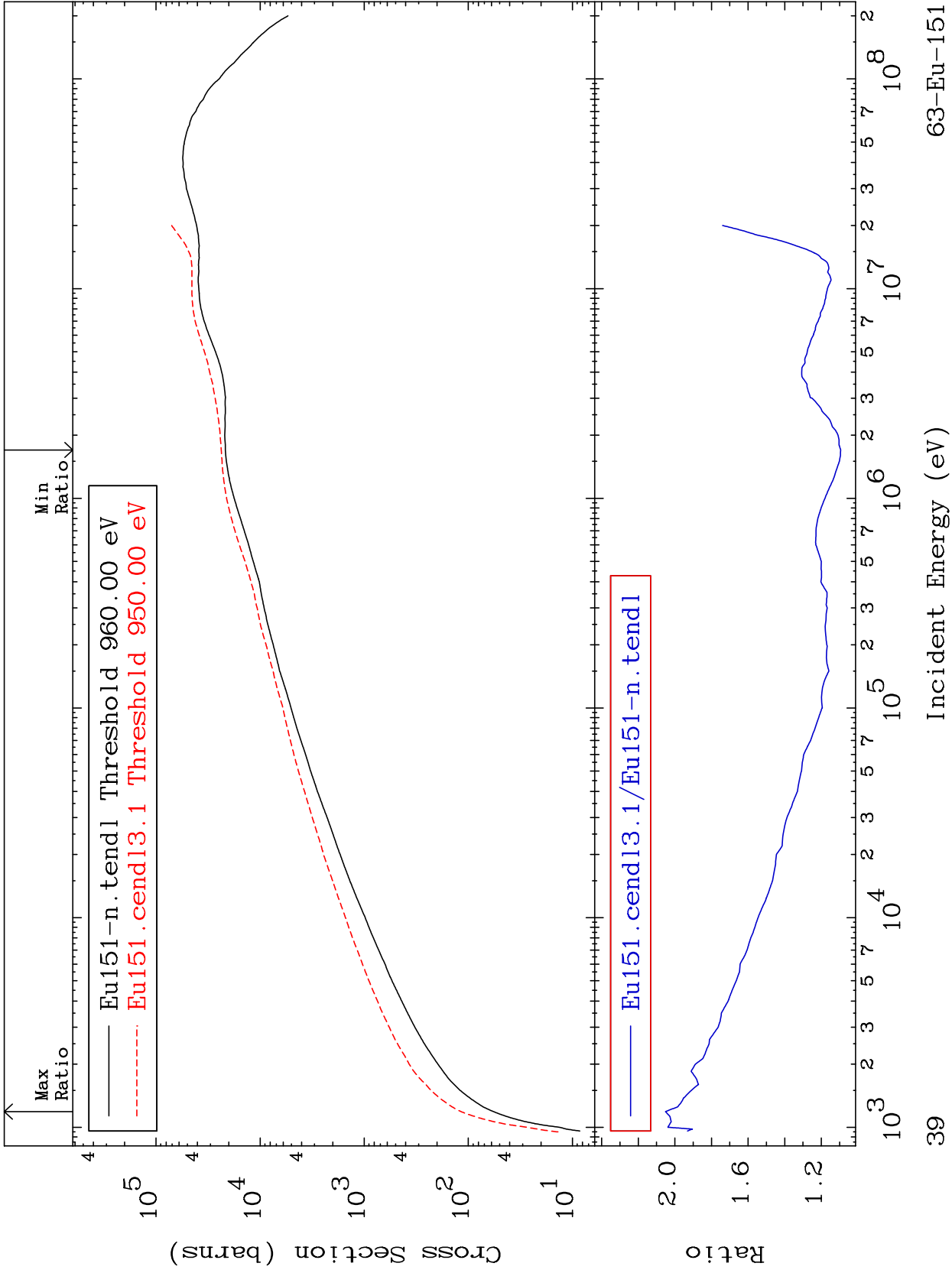
Cross Section  
16.79 To 9999. %



MAT 6325

Dpa elastic (mt2)  
Cross Section

63-Eu-151  
9.433 To 105.1 %



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Incident Energy (eV)

63-Eu-151

