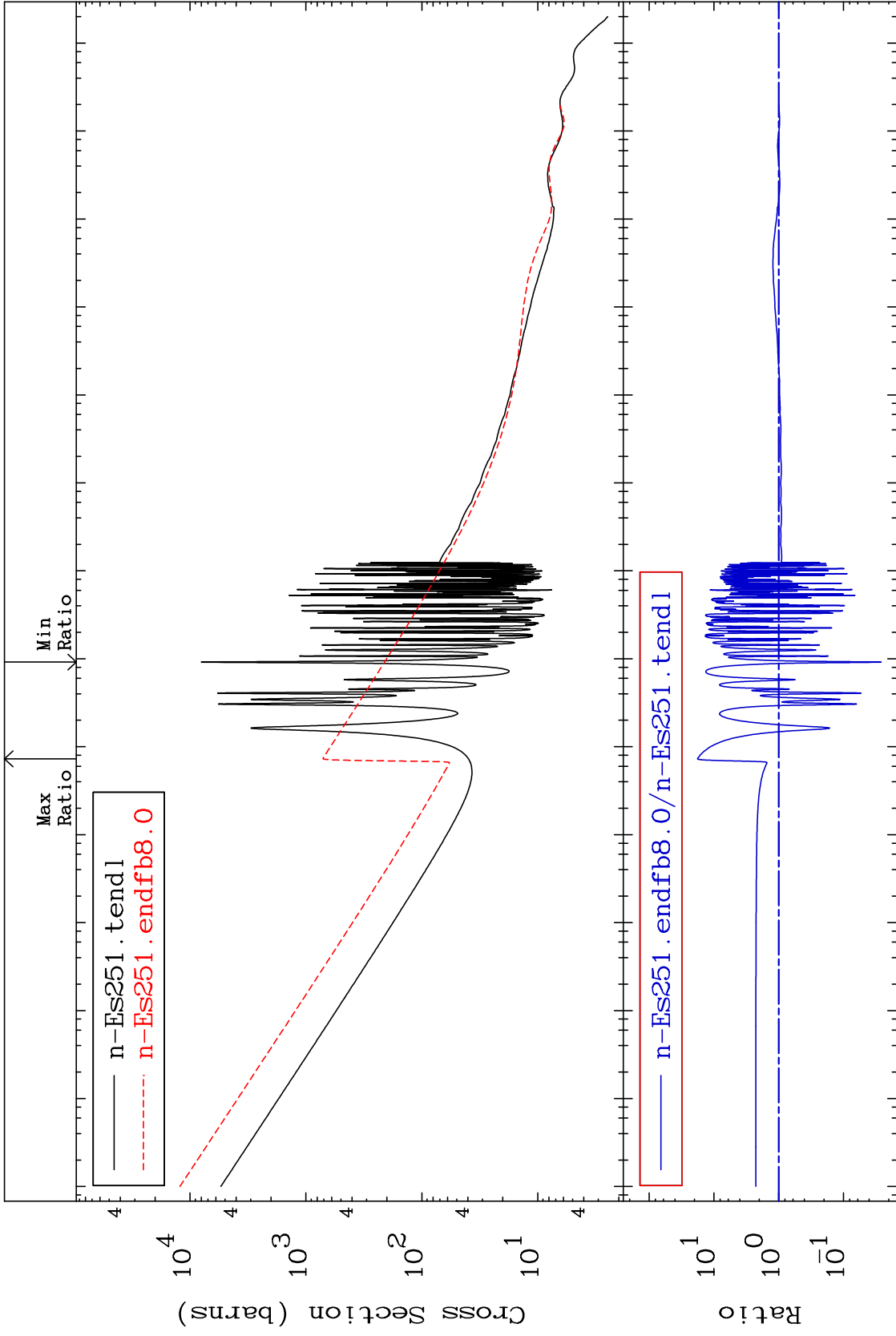


MAT 9911

Total Cross Section  
99-Es-251  
-97.38 To 1693. %

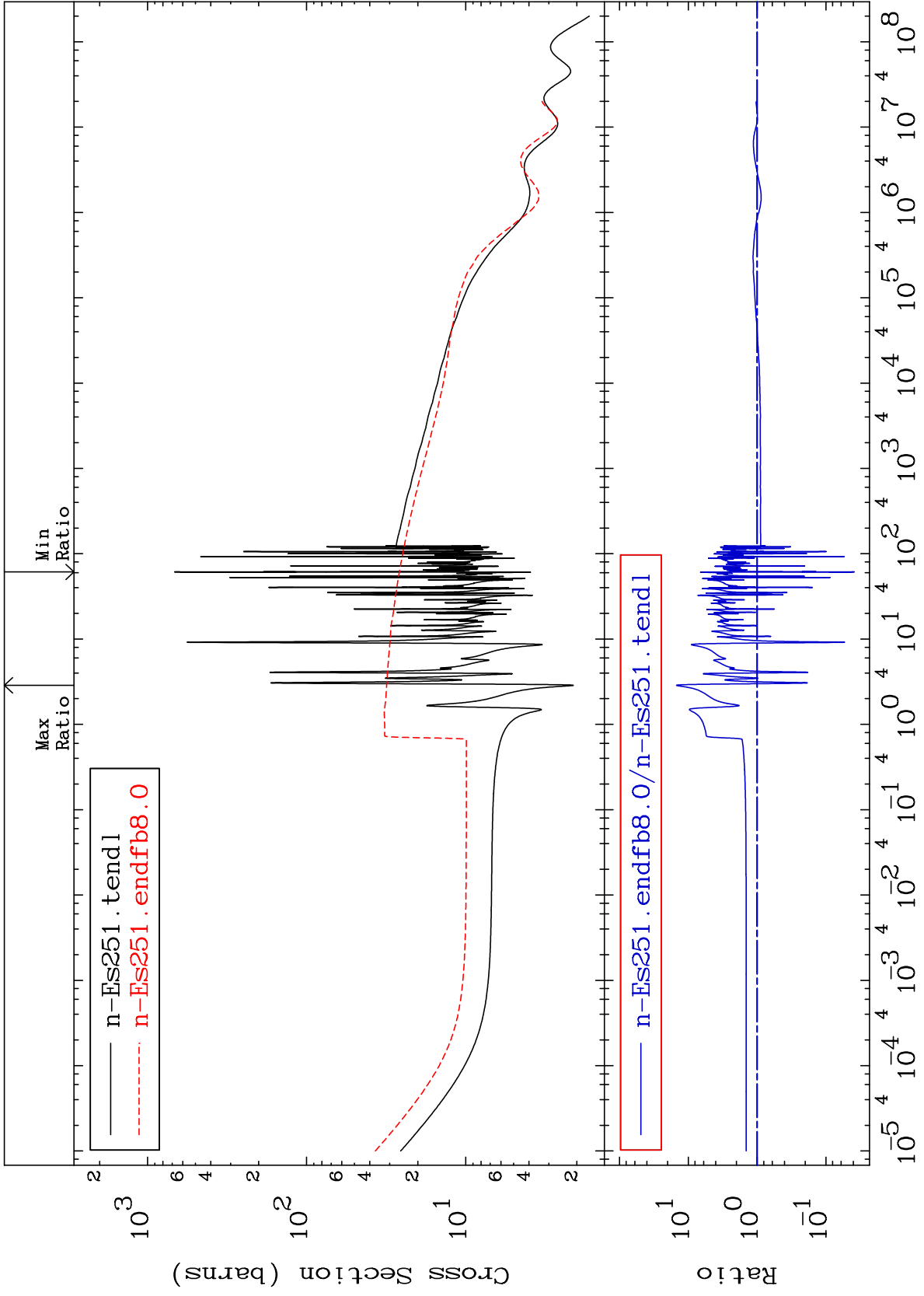


Incident Energy (eV) 99-Es-251

MAT 9911

Elastic  
Cross Section

99-Es-251  
-96.14 To 1394. %



Incident Energy (eV)

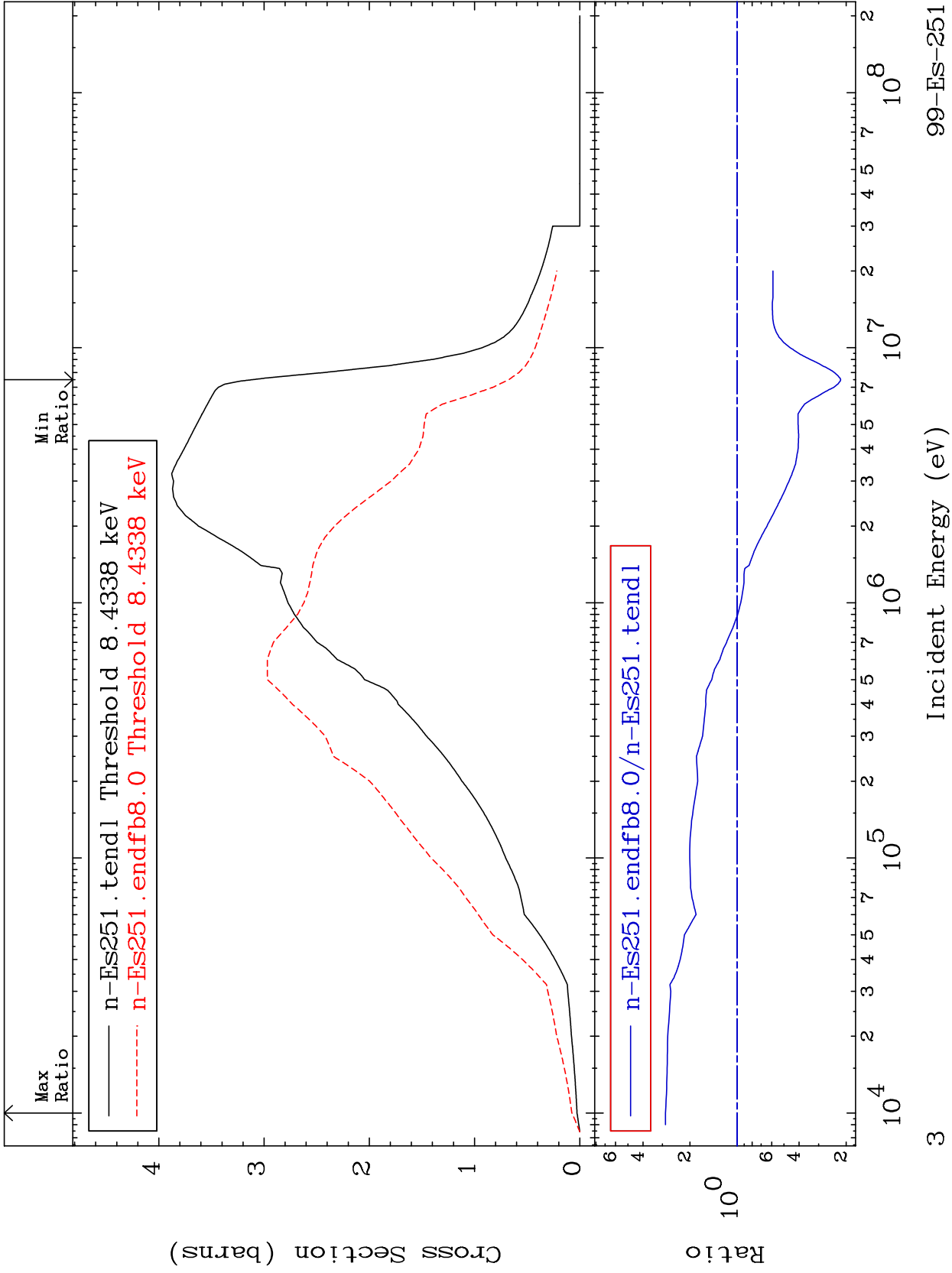
99-Es-251

2

MAT 9911

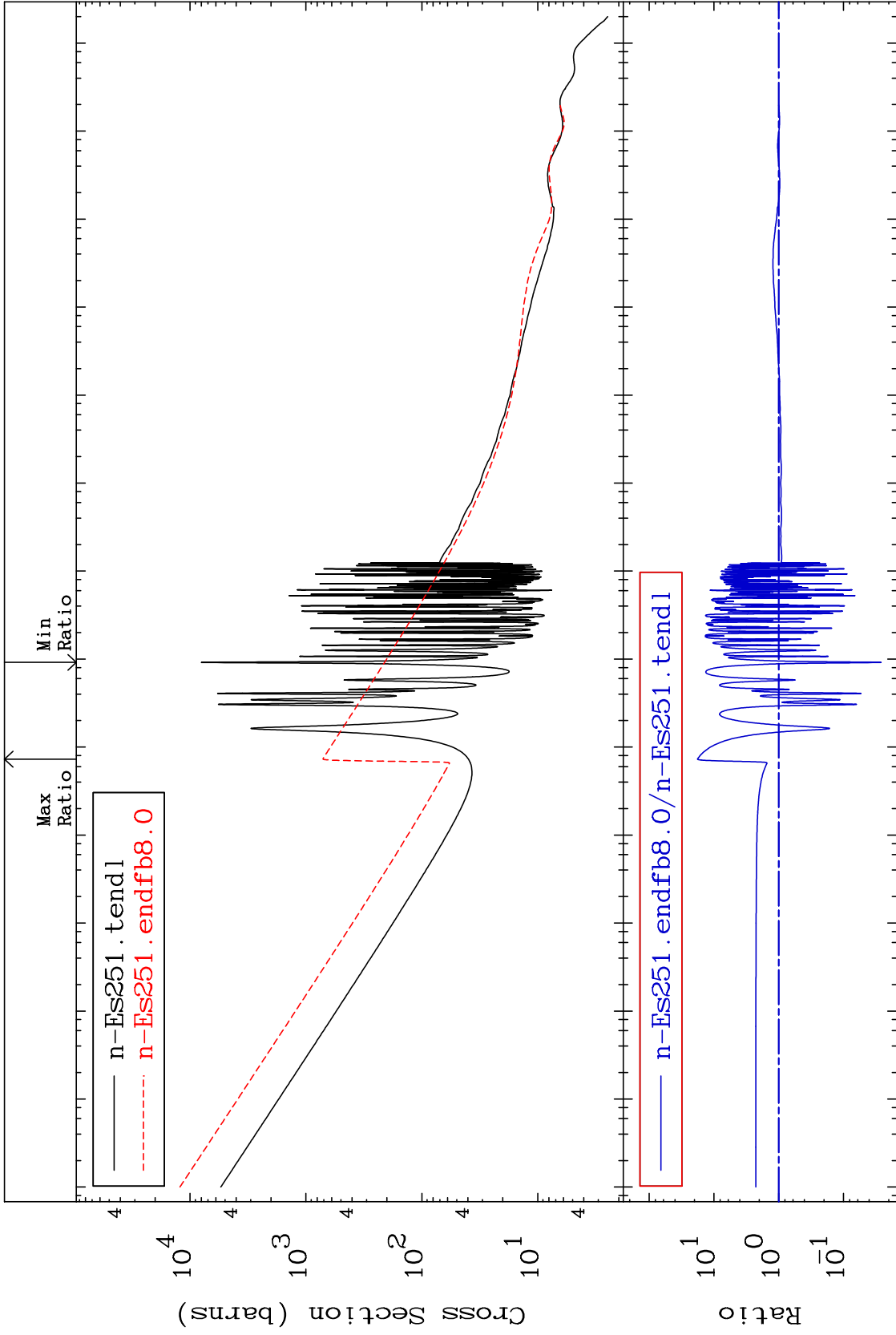
Inelastic  
Cross Section

99-Es-251  
-78.32 To 186.9 %



MAT 9911

Total Cross Section  
99-Es-251  
-97.38 To 1693. %



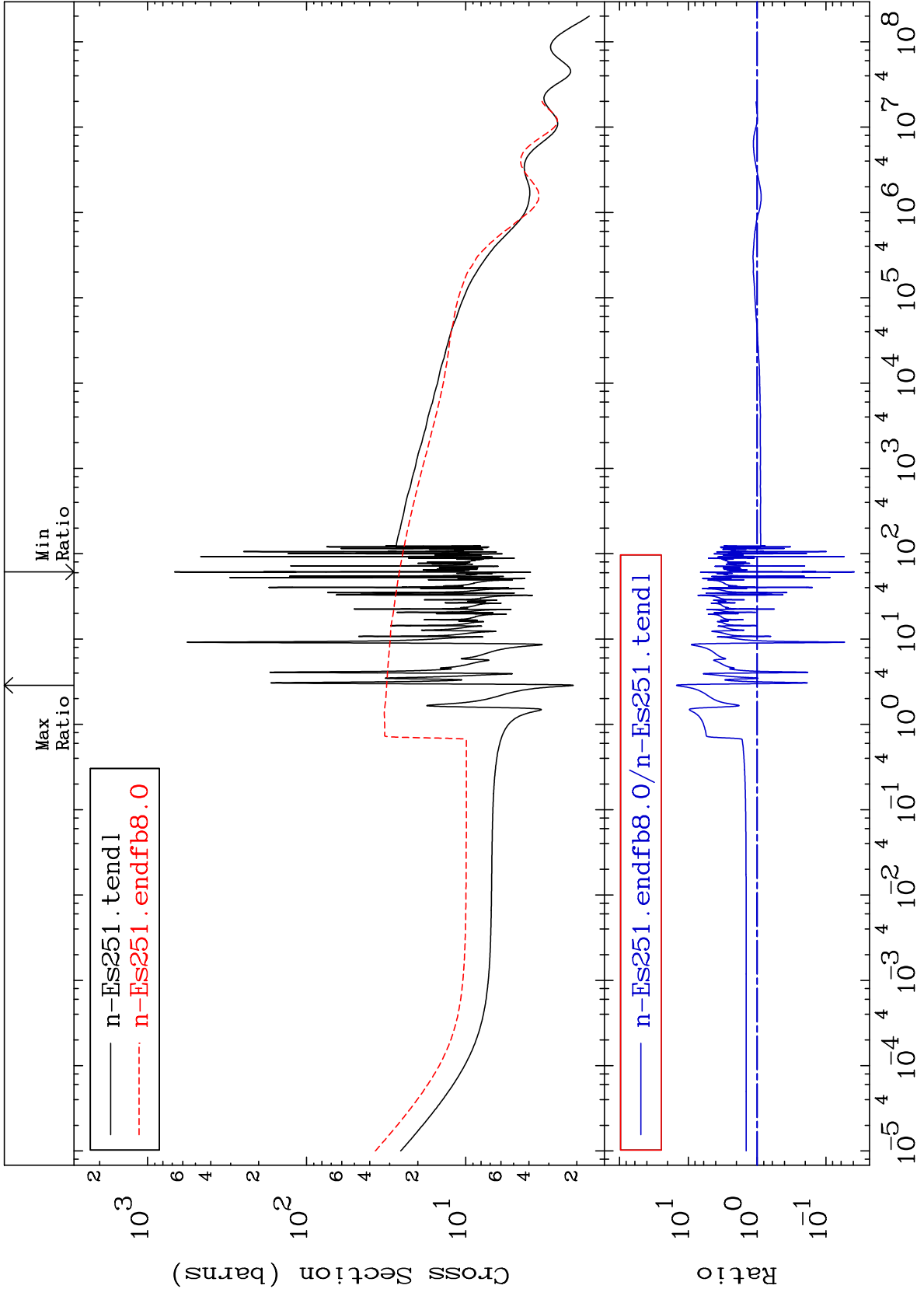
99-Es-251

Incident Energy (eV)

MAT 9911

Elastic  
Cross Section

99-Es-251  
-96.14 To 1394. %



Incident Energy (eV)

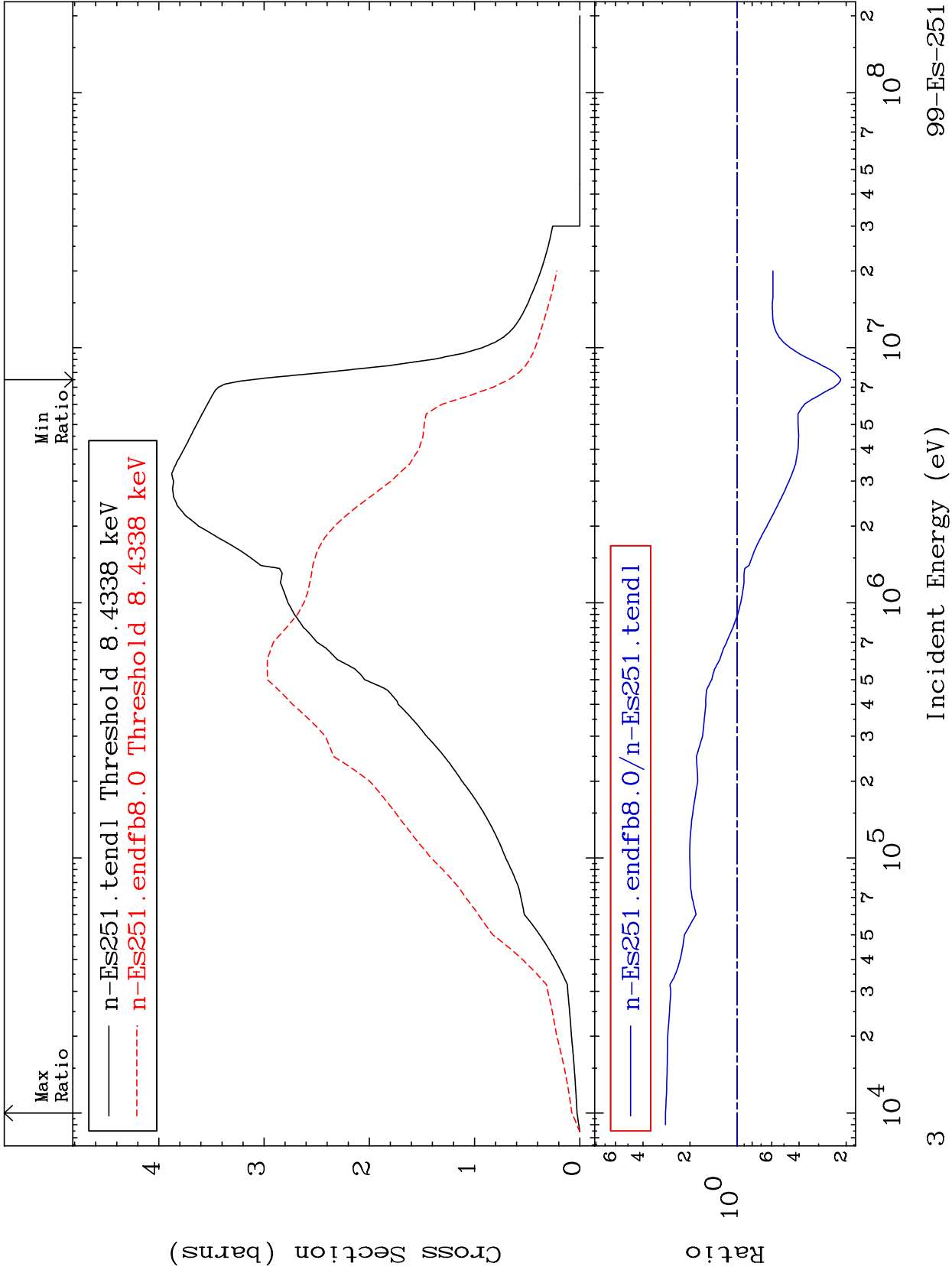
99-Es-251

2

MAT 9911

Inelastic  
Cross Section

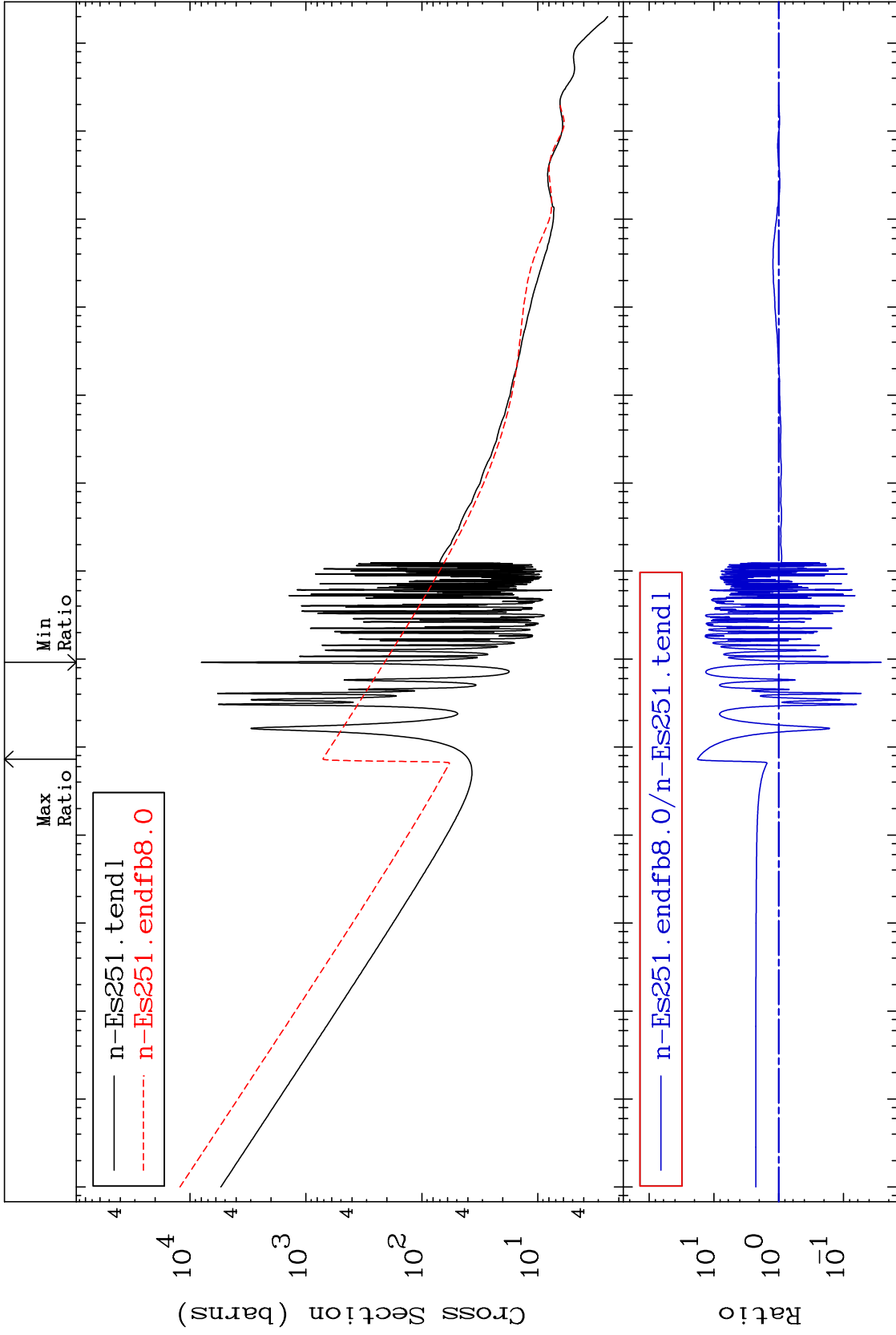
99-Es-251  
-78.32 To 186.9 %



3

MAT 9911

Total Cross Section  
99-Es-251  
-97.38 To 1693. %



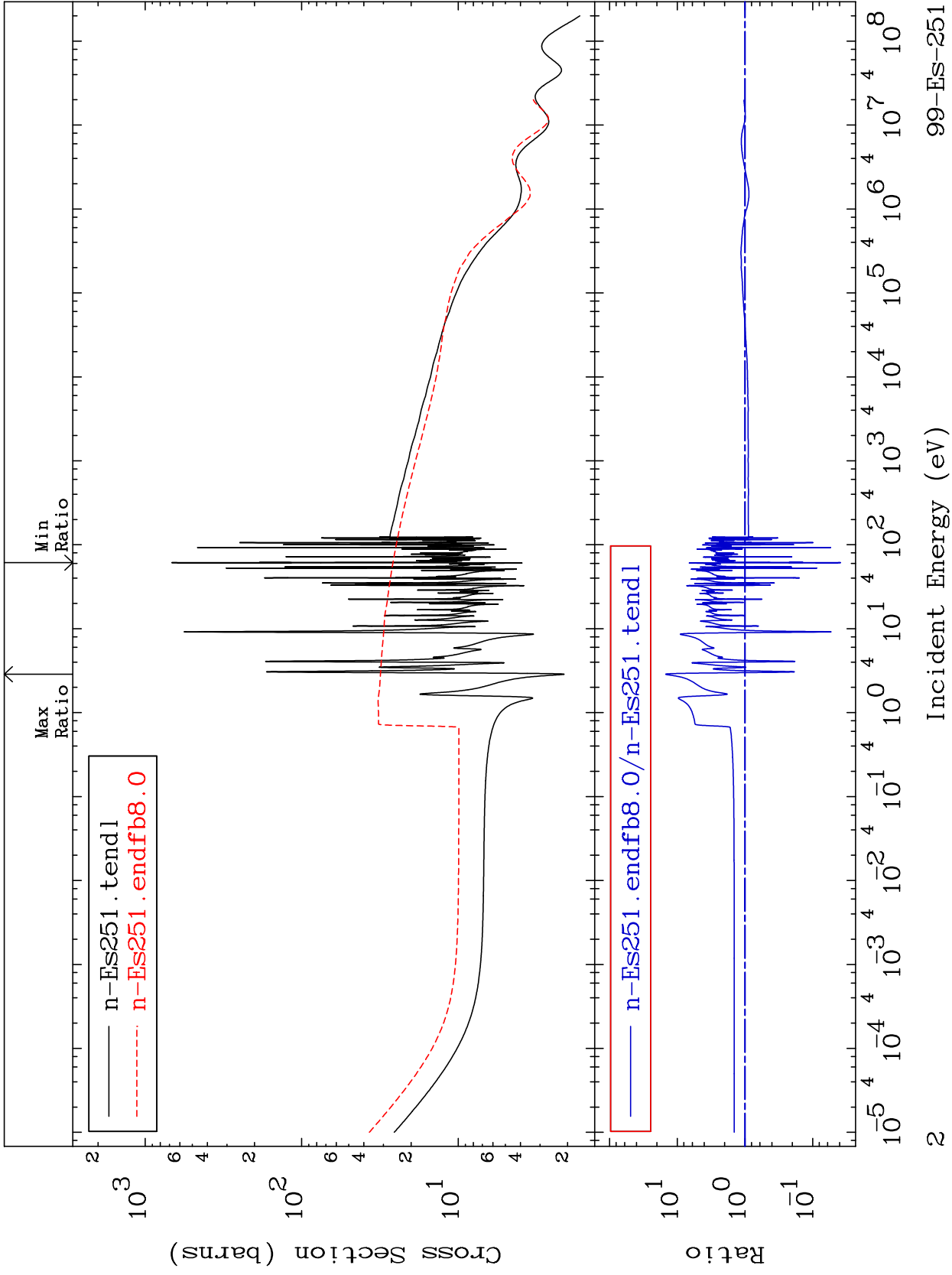
99-Es-251

Incident Energy (eV)

MAT 9911

Elastic  
Cross Section

99-Es-251  
-96.14 To 1394. %



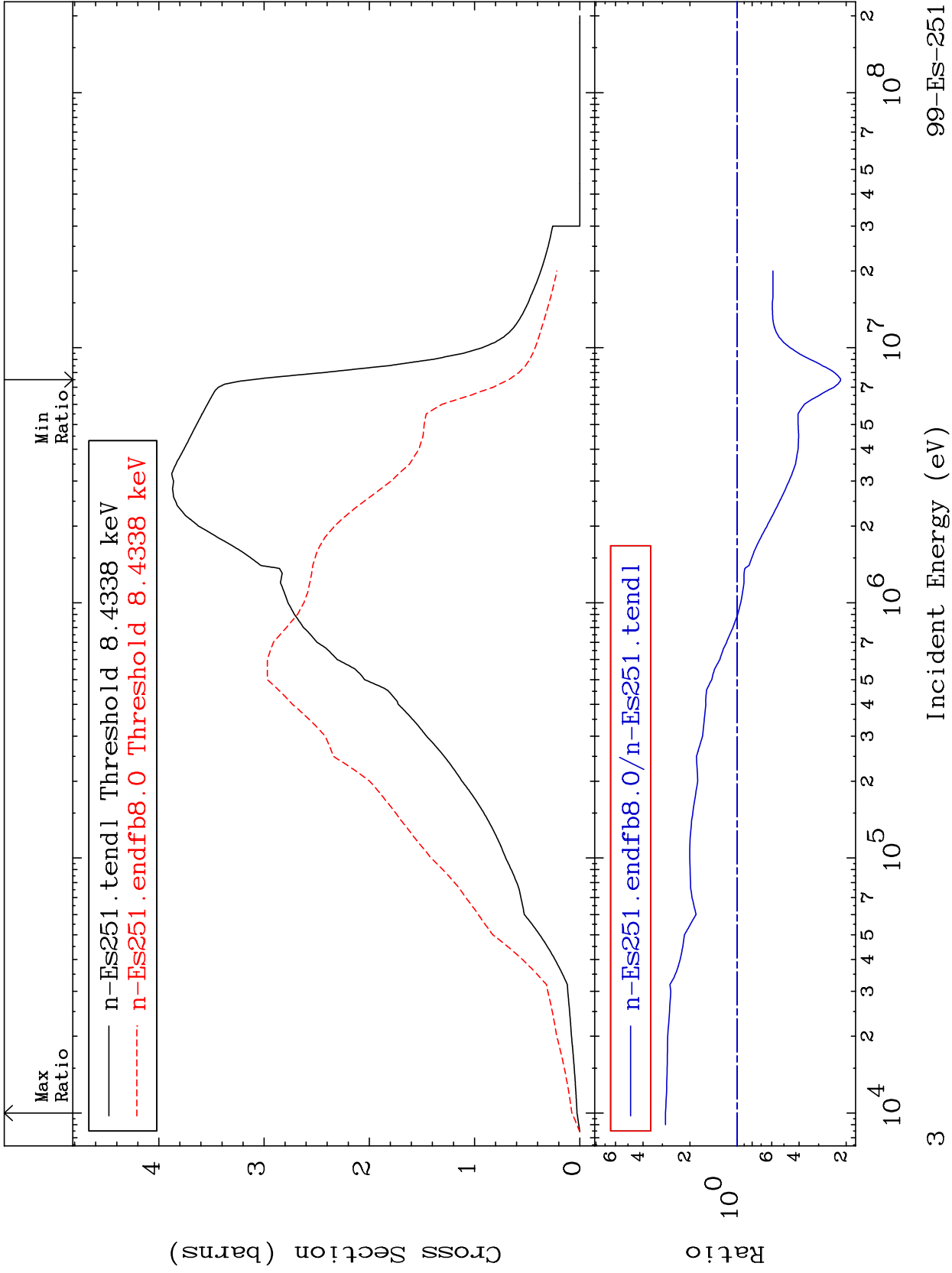
99-Es-251



MAT 9911

Inelastic  
Cross Section

99-Es-251  
-78.32 To 186.9 %



3

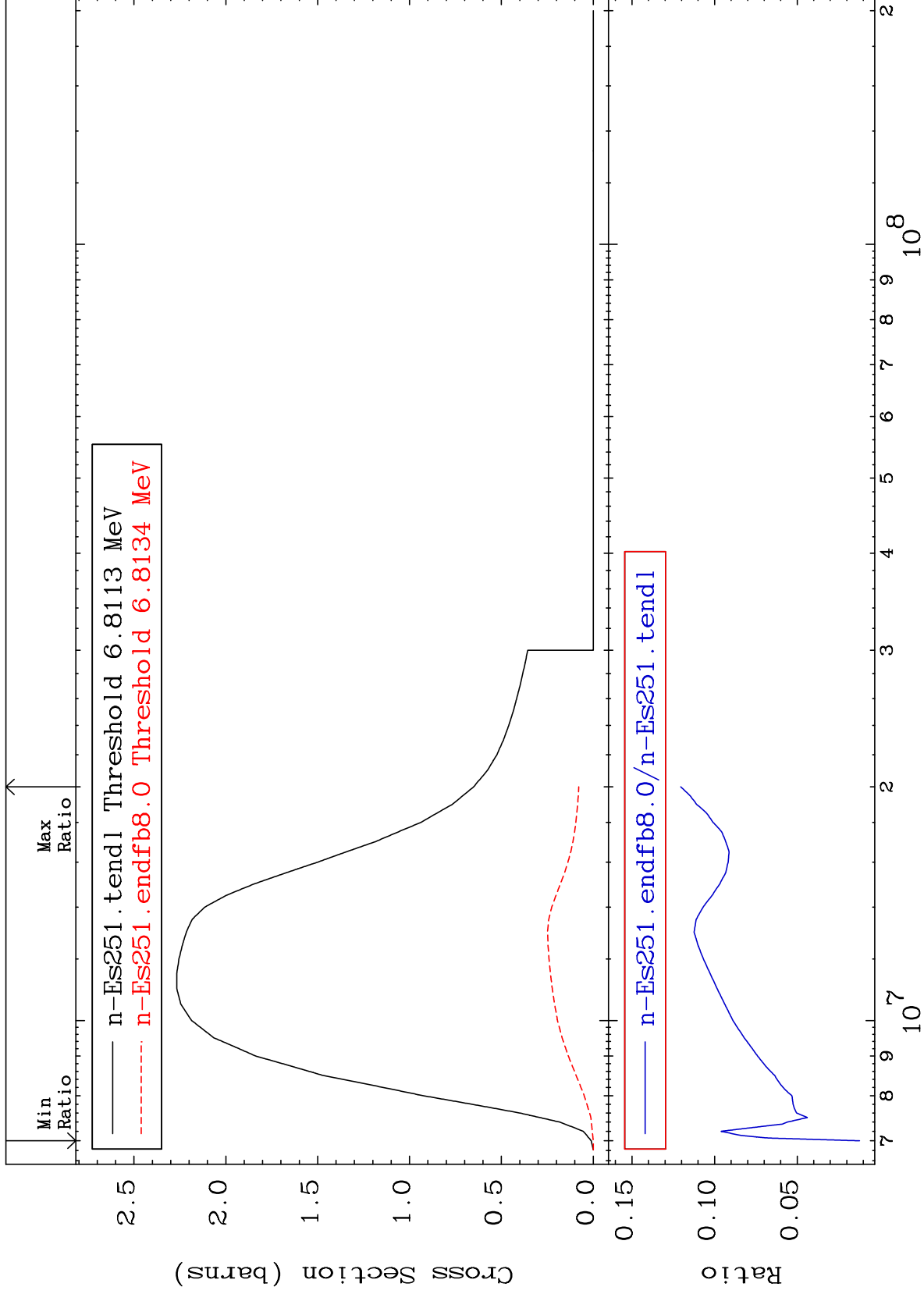
MAT 9911

(n,2n)

99-Es-251

Cross Section

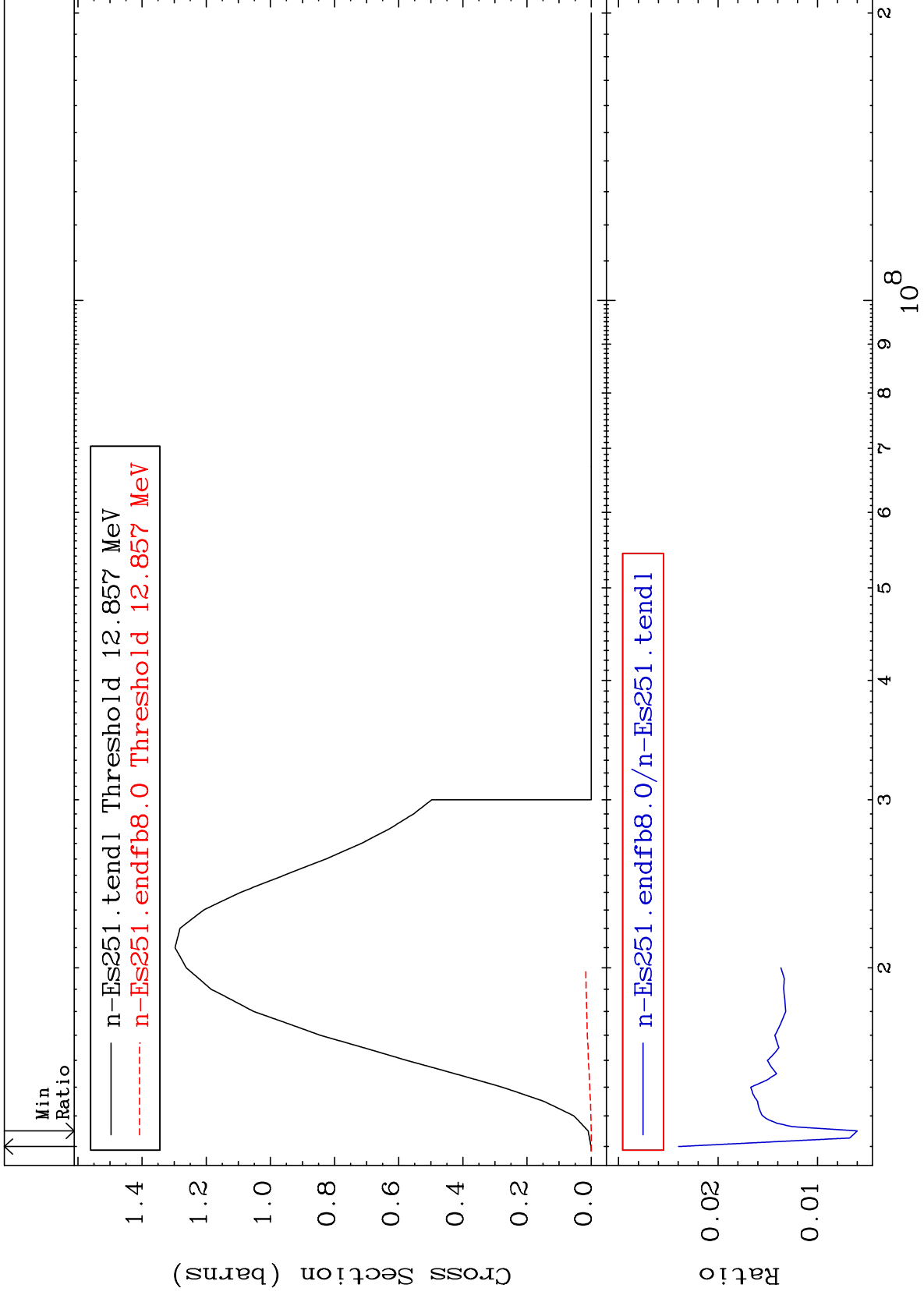
-98.77 To -87.95%



MAT 9911

(n,3n)  
Cross Section

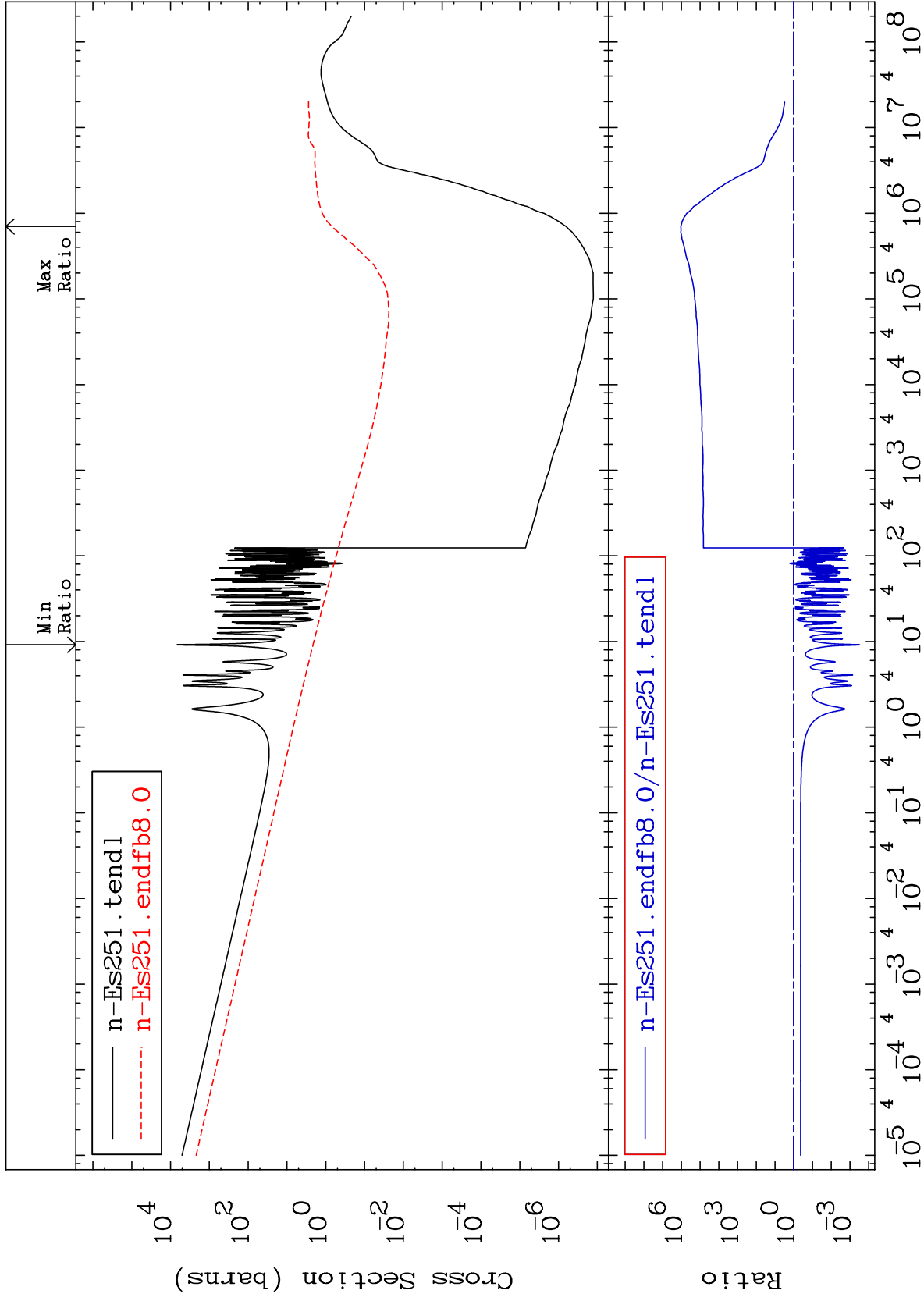
99-Es-251  
-99.40 To -97.60%



MAT 9911

Fission  
Cross Section

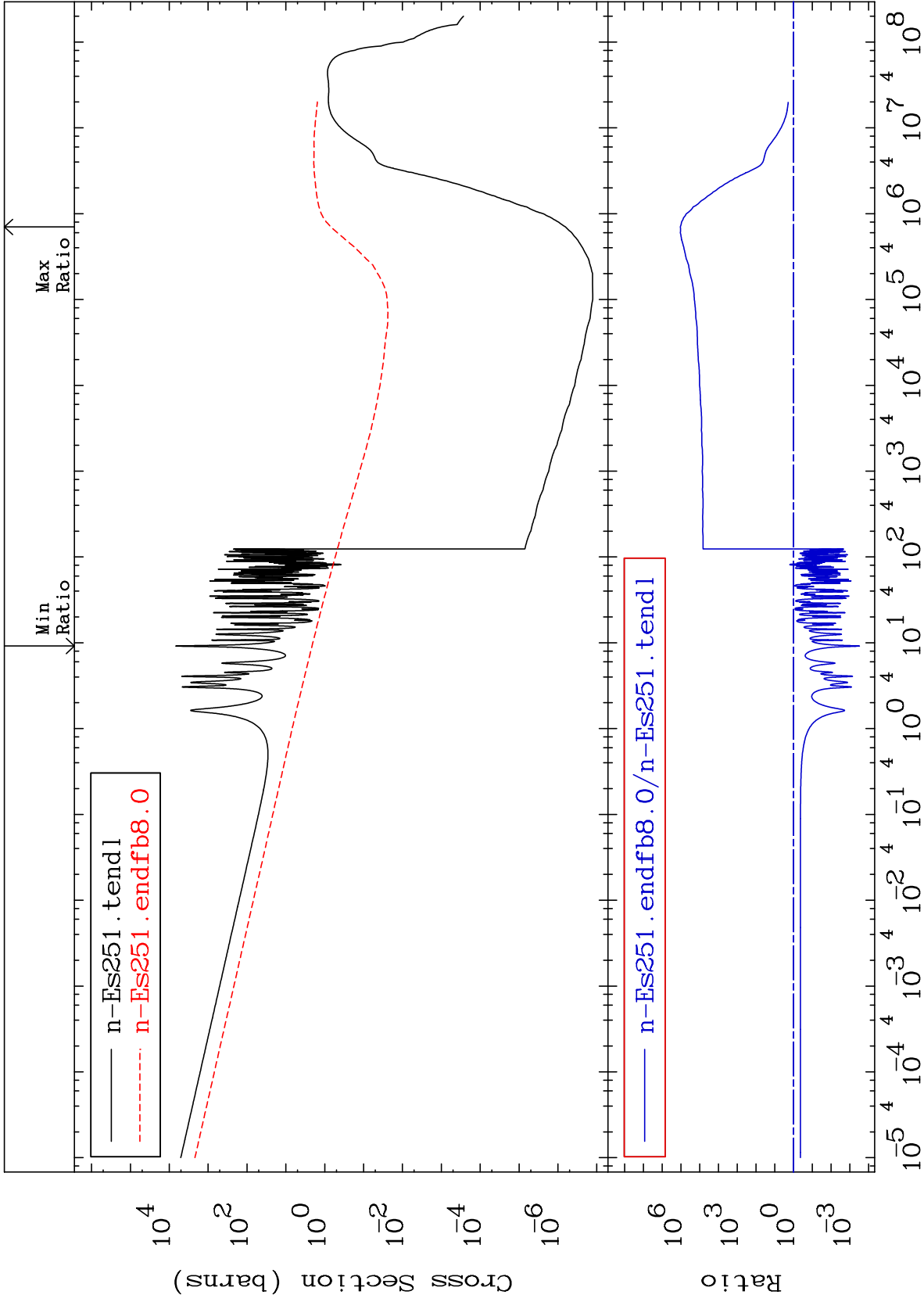
99-Es-251  
-99.97 To 9999. %



MAT 9911

(n,f) First Chance  
Cross Section

99-Es-251  
-99.97 To 9999. %



7

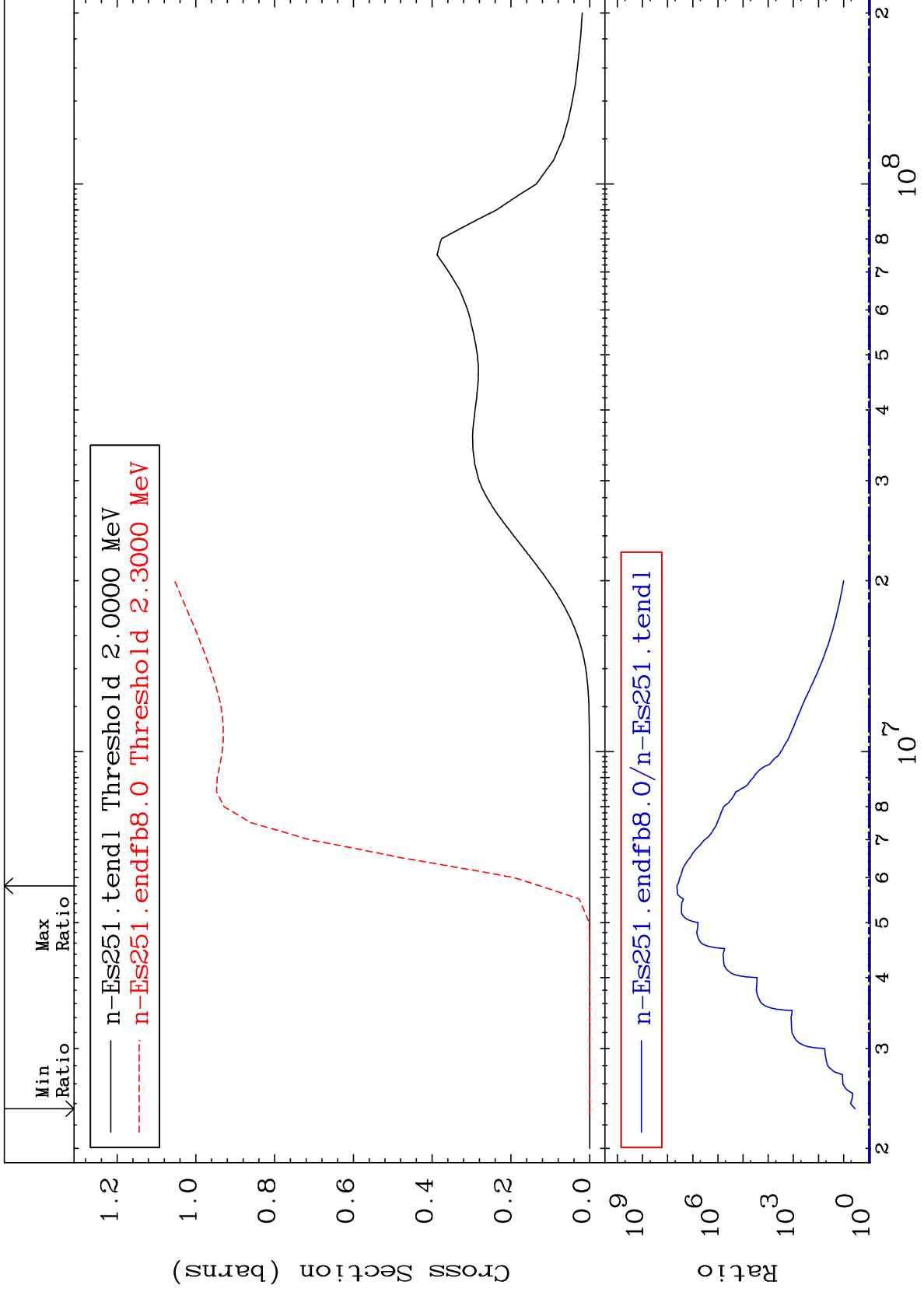
Incident Energy (eV)

99-Es-251

MAT 9911

(n, nf) Second Chance  
Cross Section

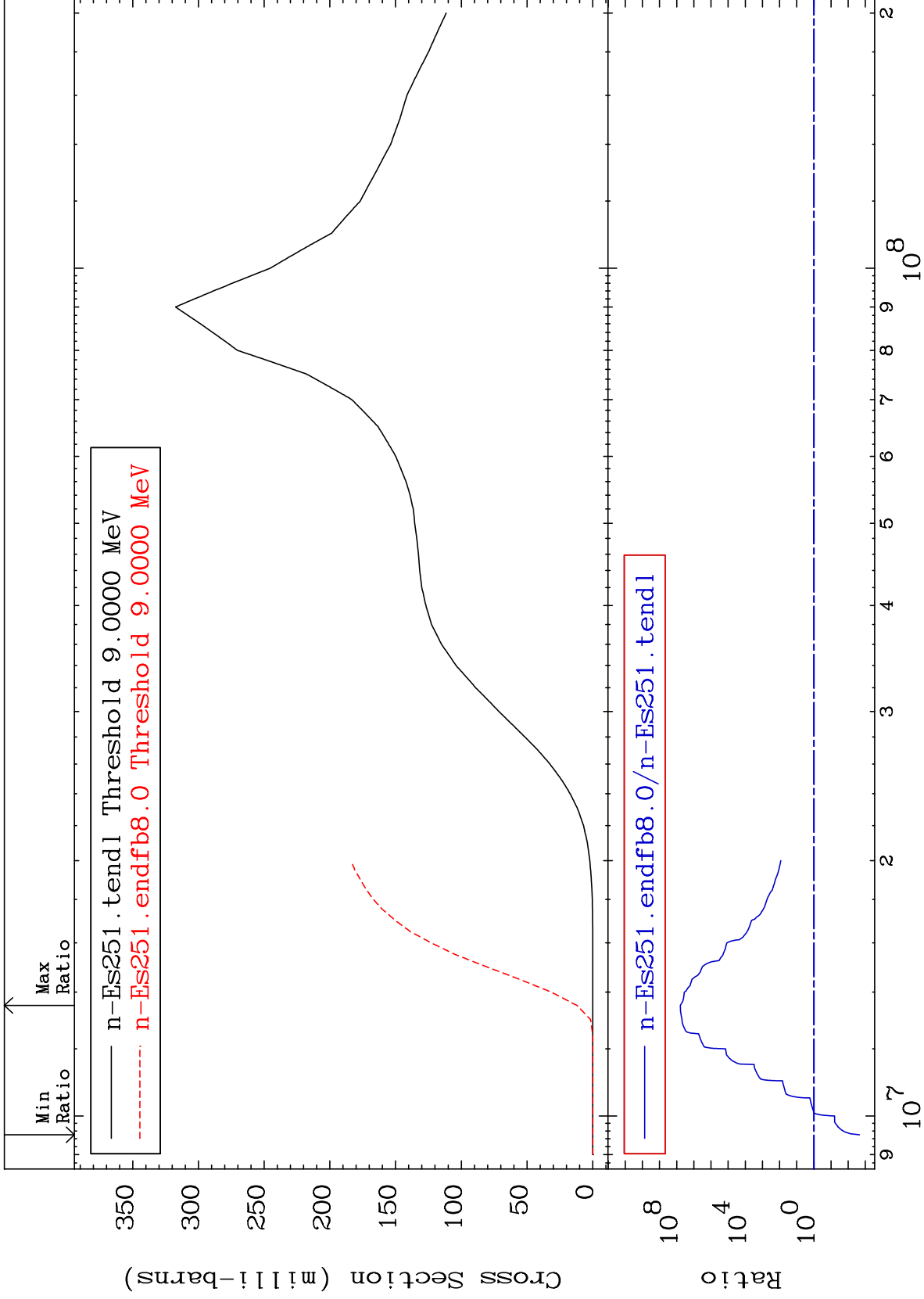
99-Es-251  
250.2 To 9999. %



MAT 9911

(n,2nf) Third Chance  
Cross Section

99-Es-251  
-99.78 To 9999. %



9

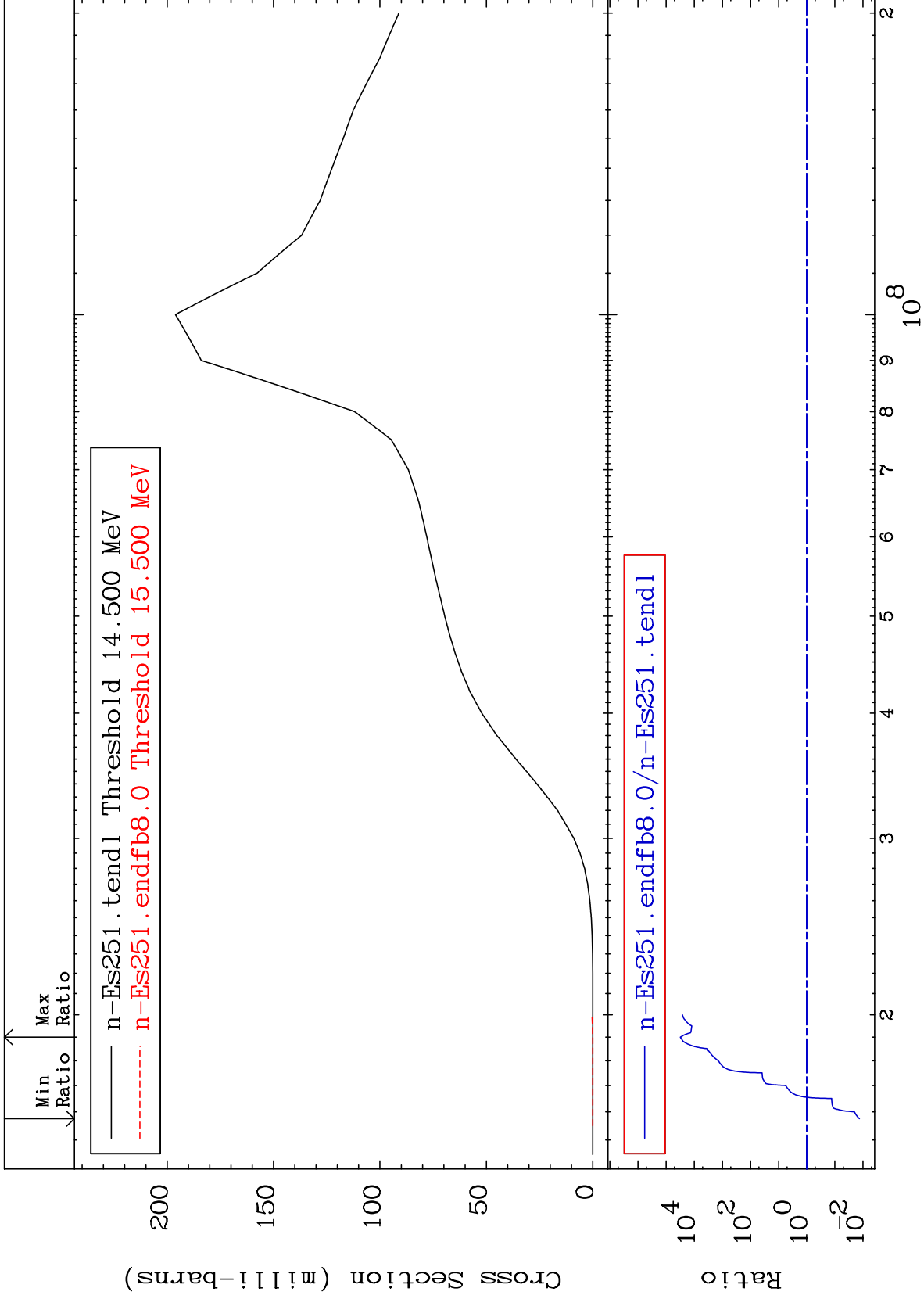
Incident Energy (eV)

99-Es-251

MAT 9911

(n,3nf) Fourth Chance  
Cross Section

99-Es-251  
-98.66 To 9999. %



10

Incident Energy (eV)

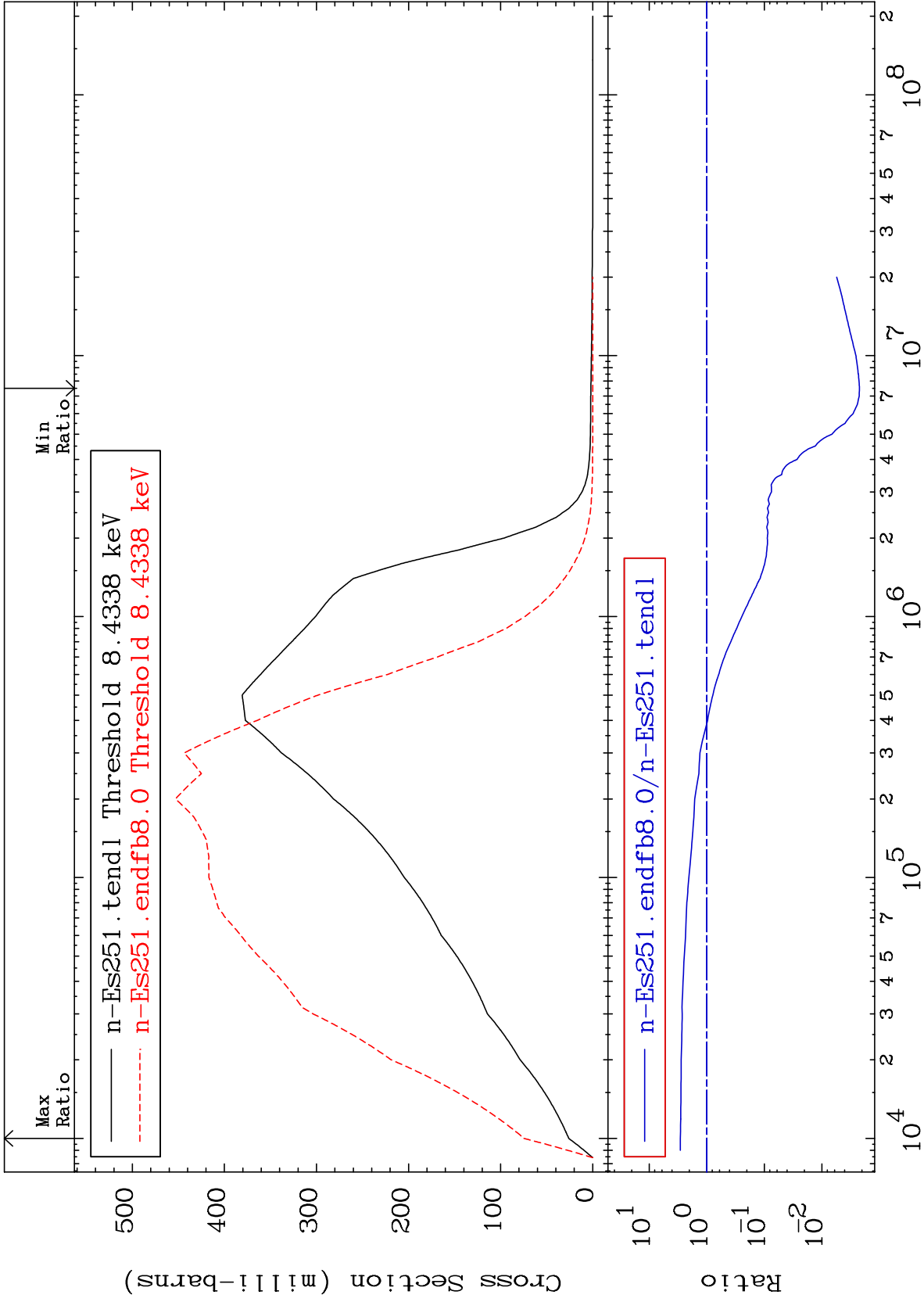
99-Es-251



MAT 9911

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

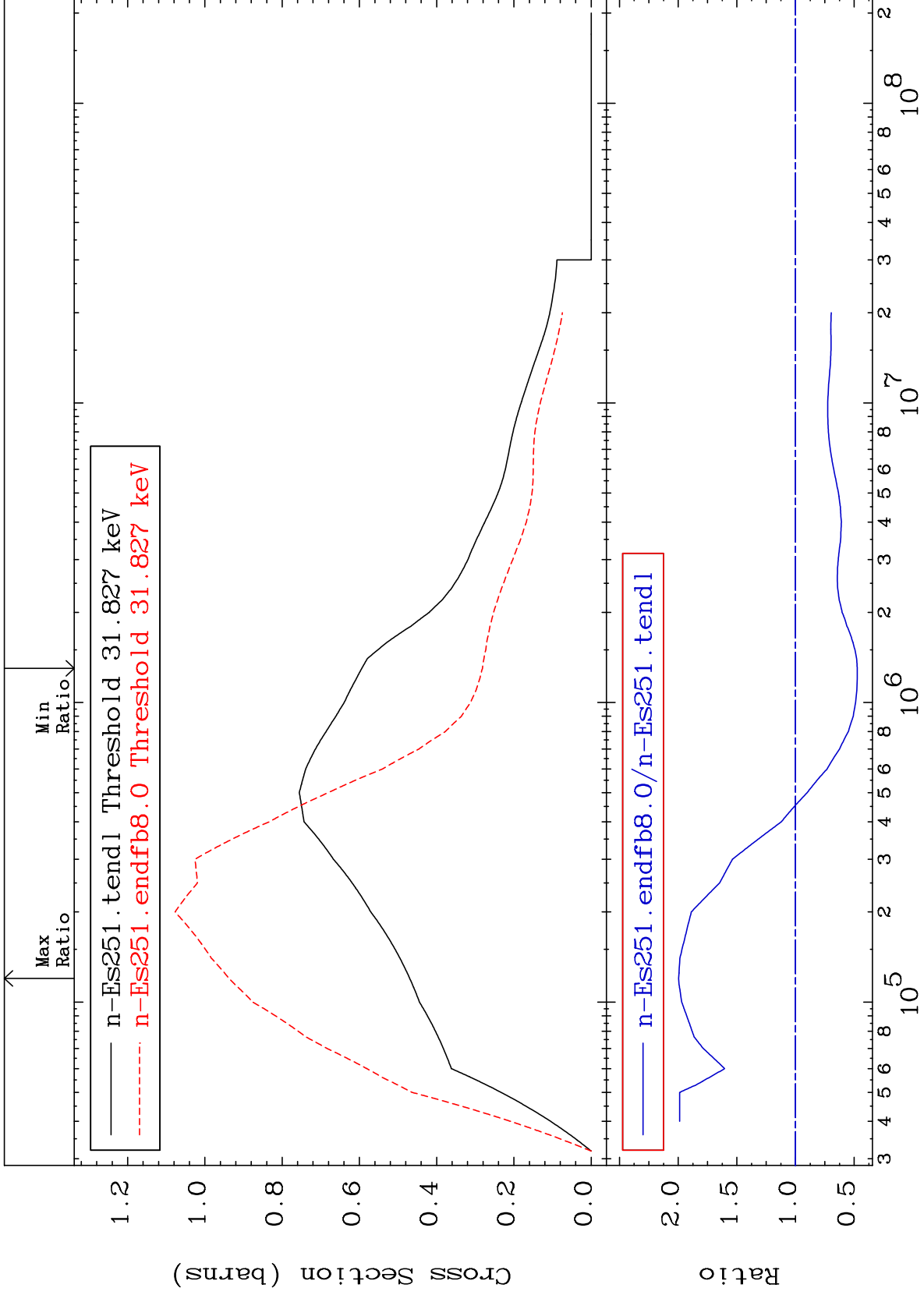
99-Es-251  
-99.78 To 186.9 %



MAT 9911

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

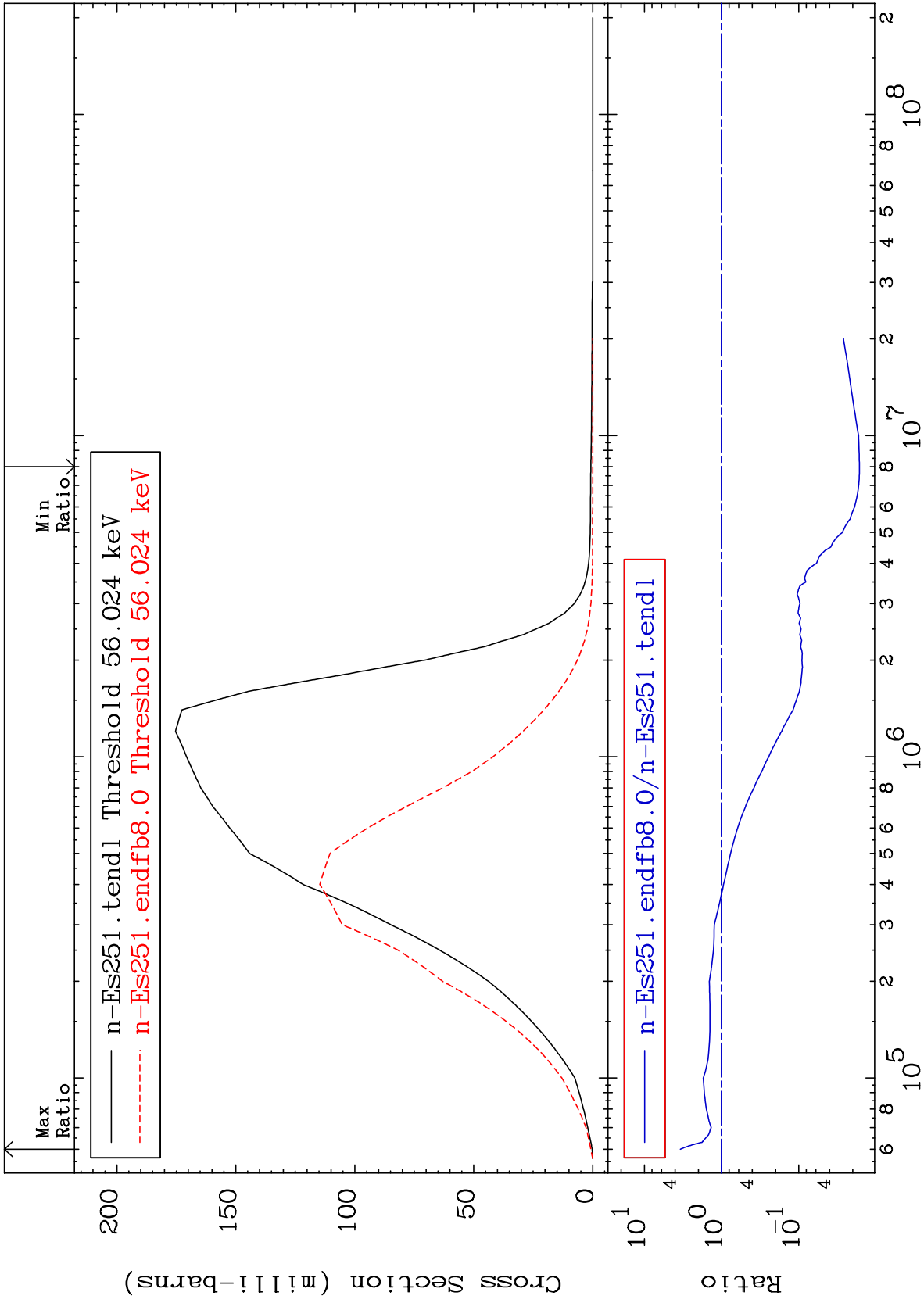
99-Es-251  
-52.58 To 99.62 %



MAT 9911

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

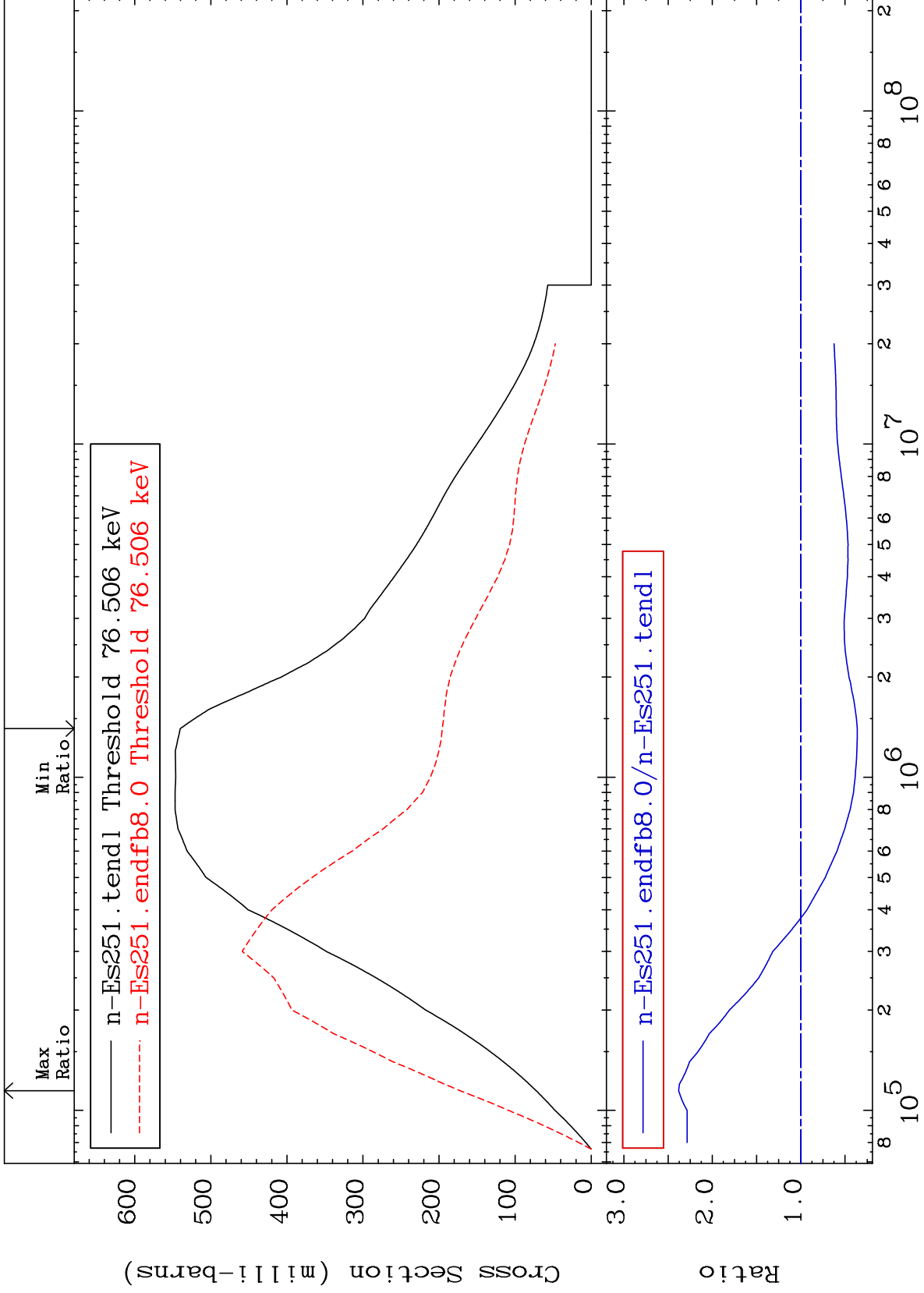
99-Es-251  
-98.36 To 242.1 %



MAT 9911

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

99-Es-251  
-63.76 To 138.1 %



14

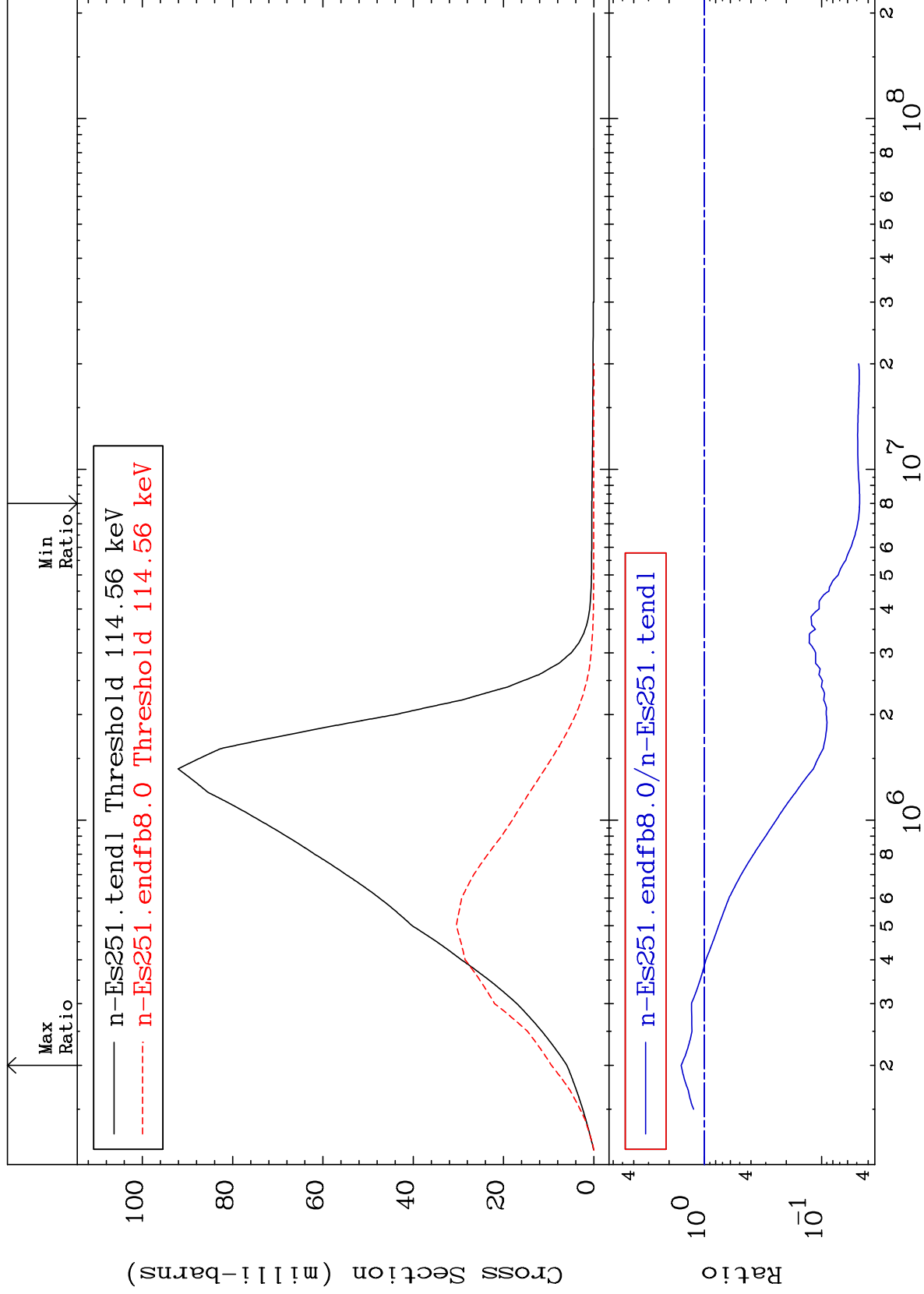
Incident Energy (eV)

99-Es-251

MAT 9911

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

99-Es-251  
-95.27 To 57.72 %



15

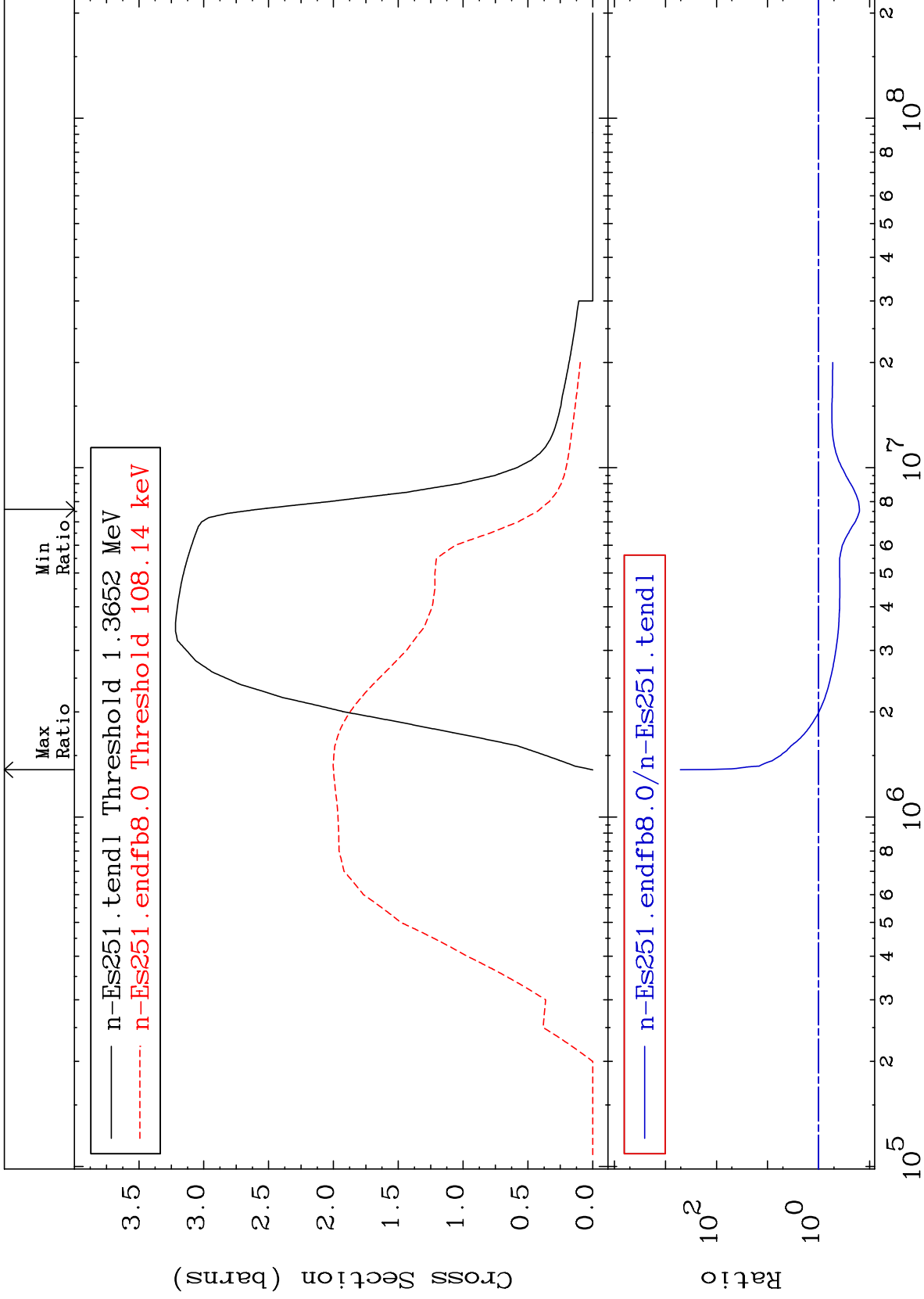
Incident Energy (eV)

99-Es-251

MAT 9911

(n, n') Continuum  
Cross Section

99-Es-251  
-84.19 To 9999. %



16

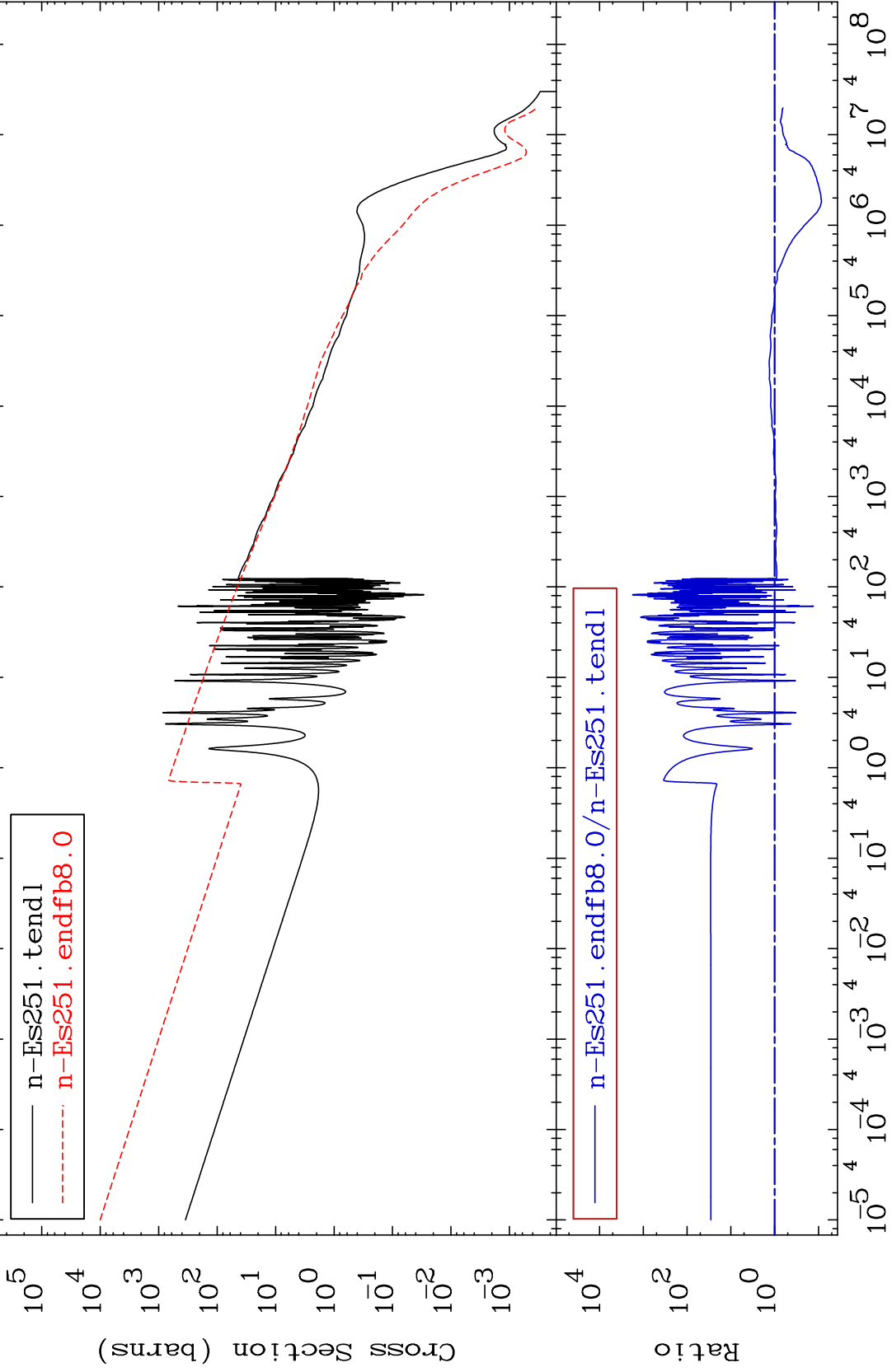
Incident Energy (eV)

99-Es-251

MAT 9911

(n,  $\gamma$ )  
Cross Section

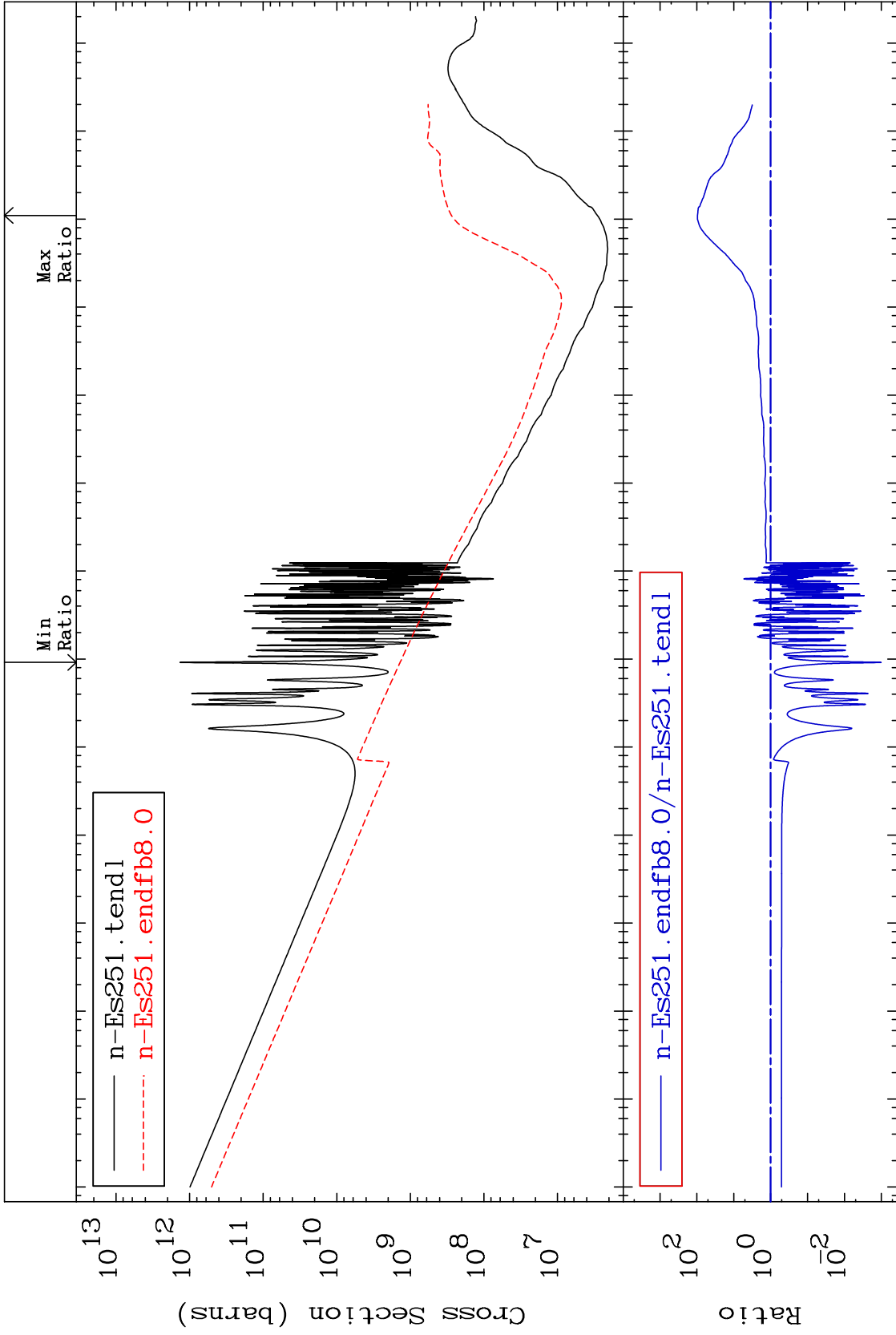
99-Es-251  
-91.44 To 9999. %



MAT 9911

Kerma total (eV-barns)  
Cross Section

99-Es-251  
-99.90 To 9503. %



18

Incident Energy (eV)

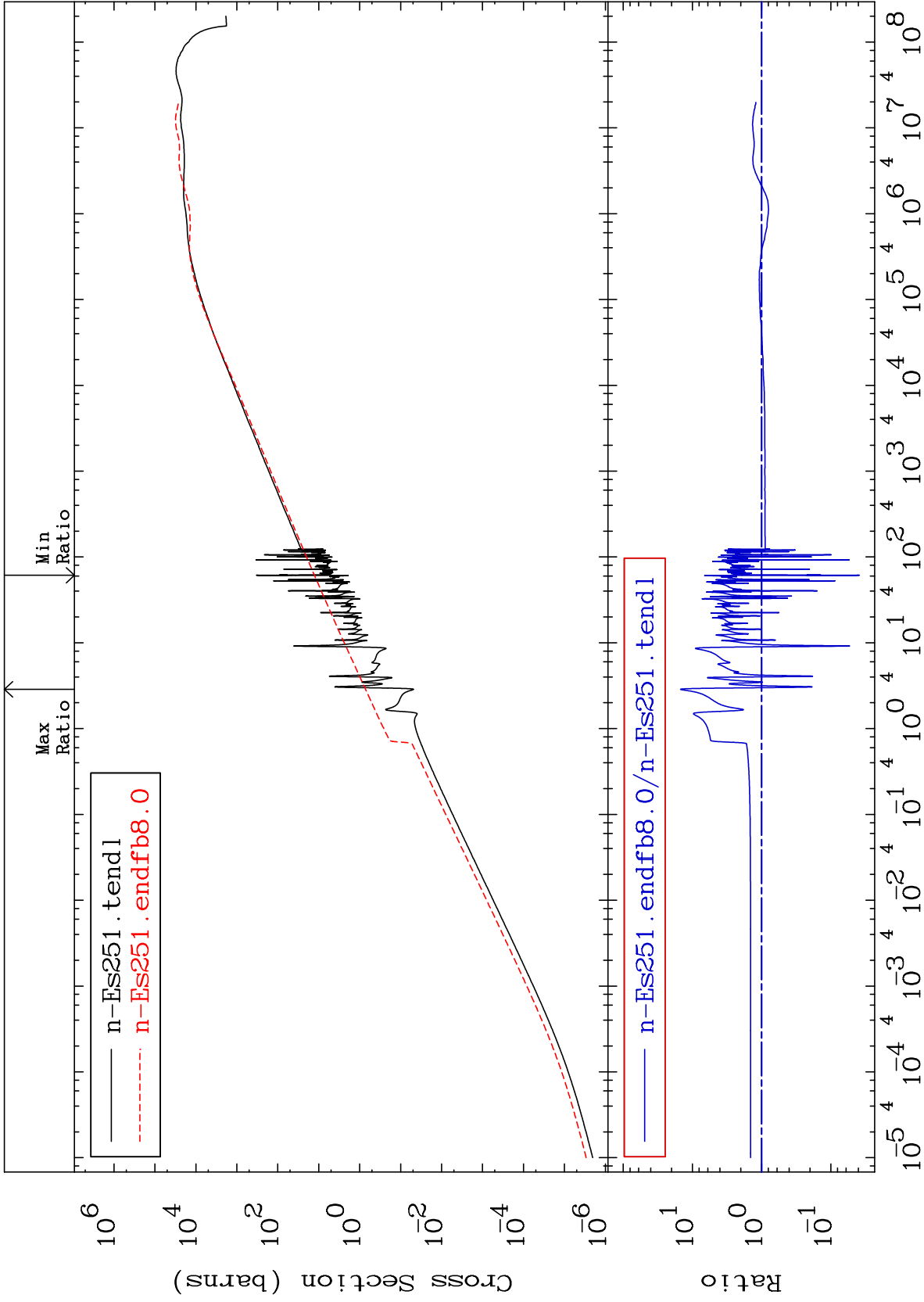
99-Es-251



MAT 9911

Kerma elastic  
Cross Section

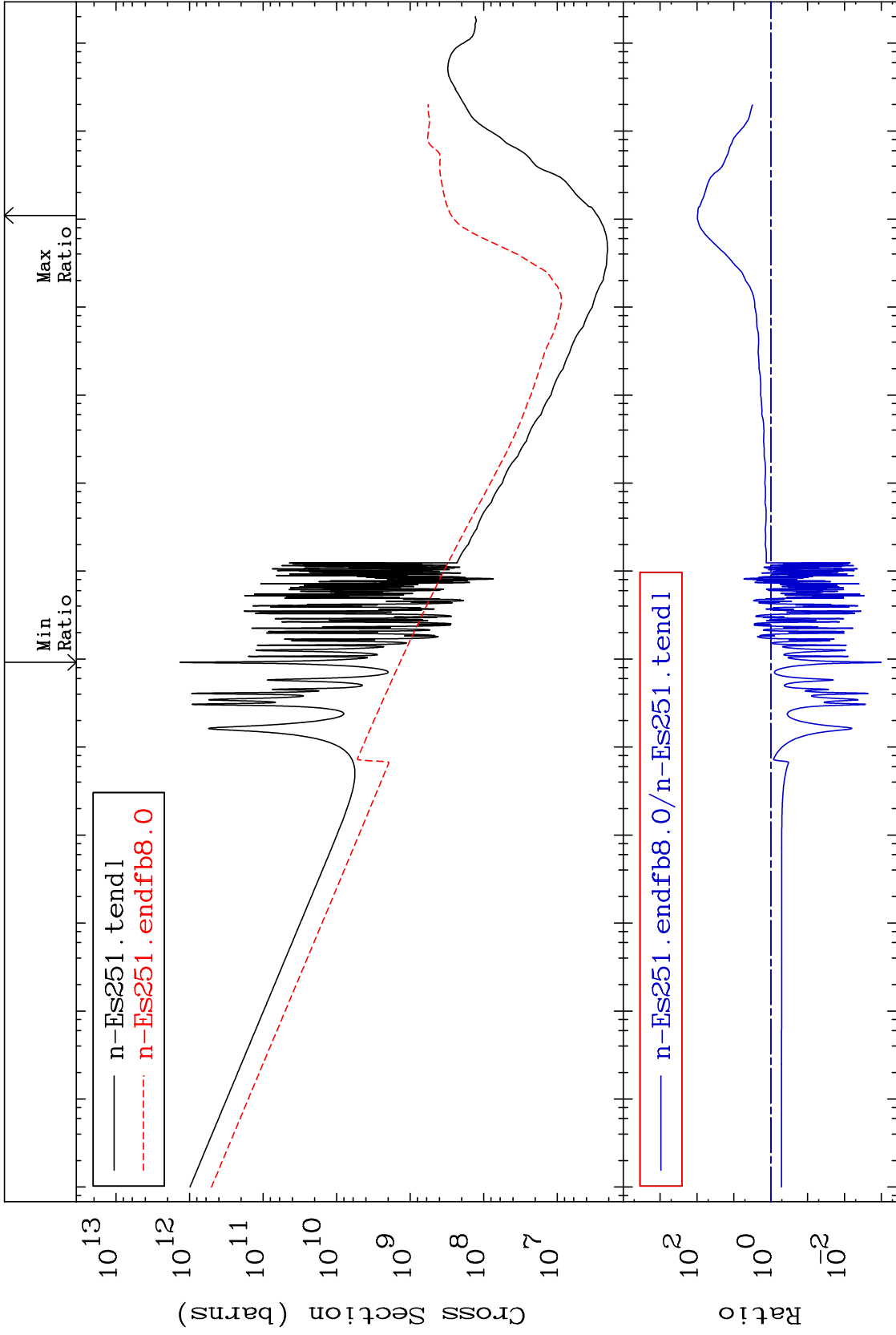
99-Es-251  
-96.14 To 1395. %



MAT 9911

Kerma non-elastic (all but mt2)  
Cross Section

99-Es-251  
-99.90 To 9562. %



20

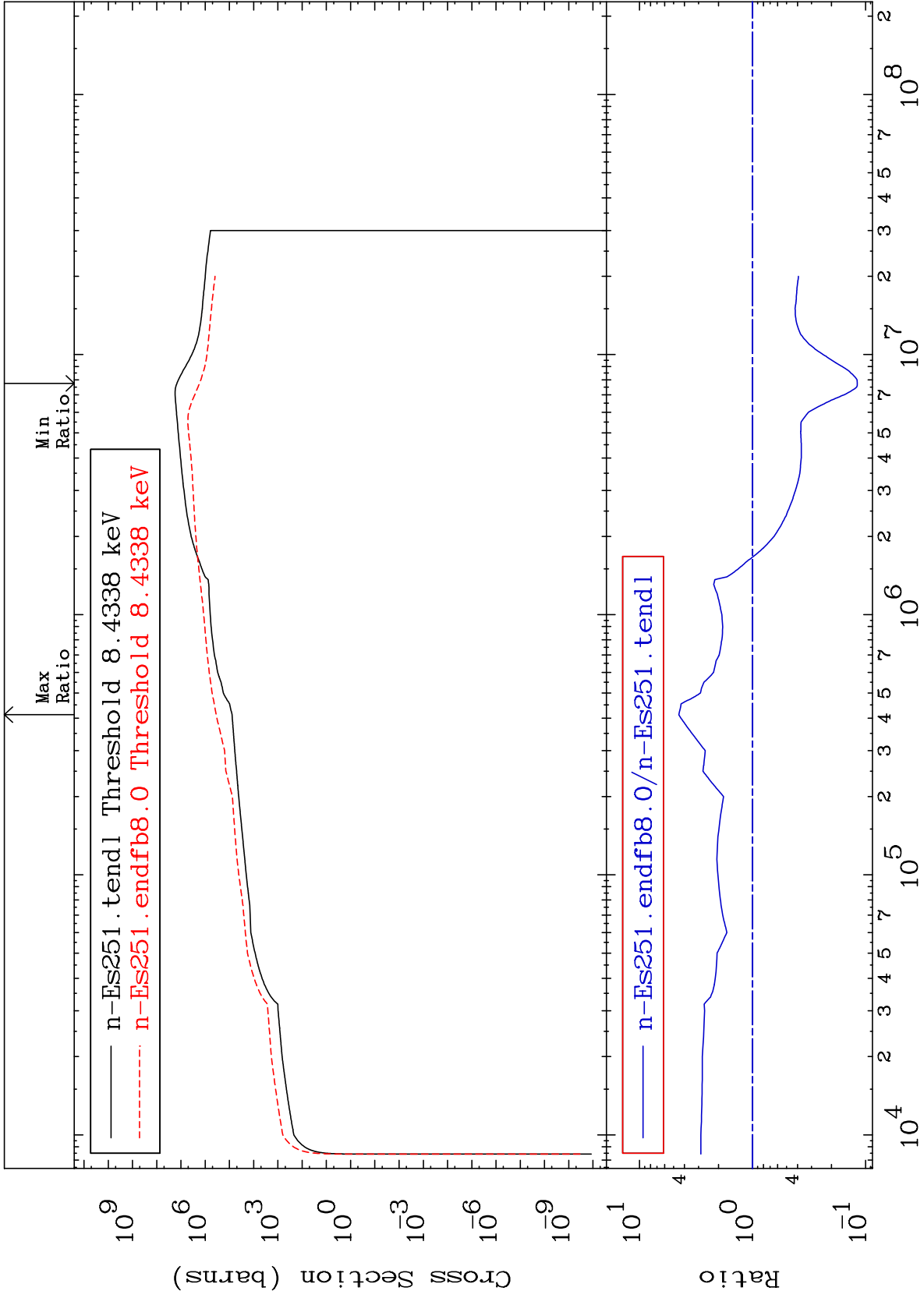
Incident Energy (eV)

99-Es-251

MAT 9911

Kerma inelastic (mt51-91)  
Cross Section

99-Es-251  
-88.17 To 350.9 %



21

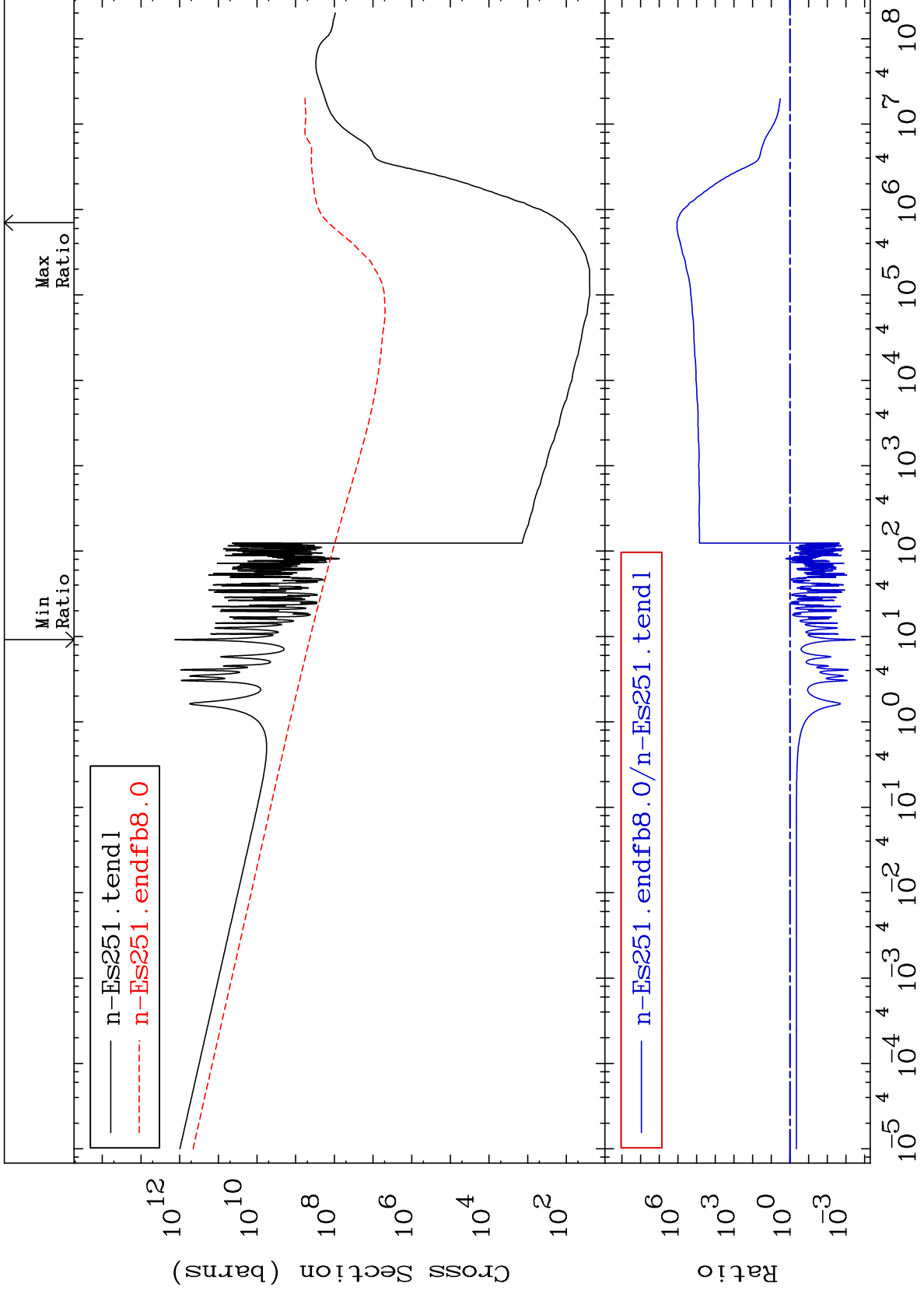
Incident Energy (eV)

99-Es-251

MAT 9911

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

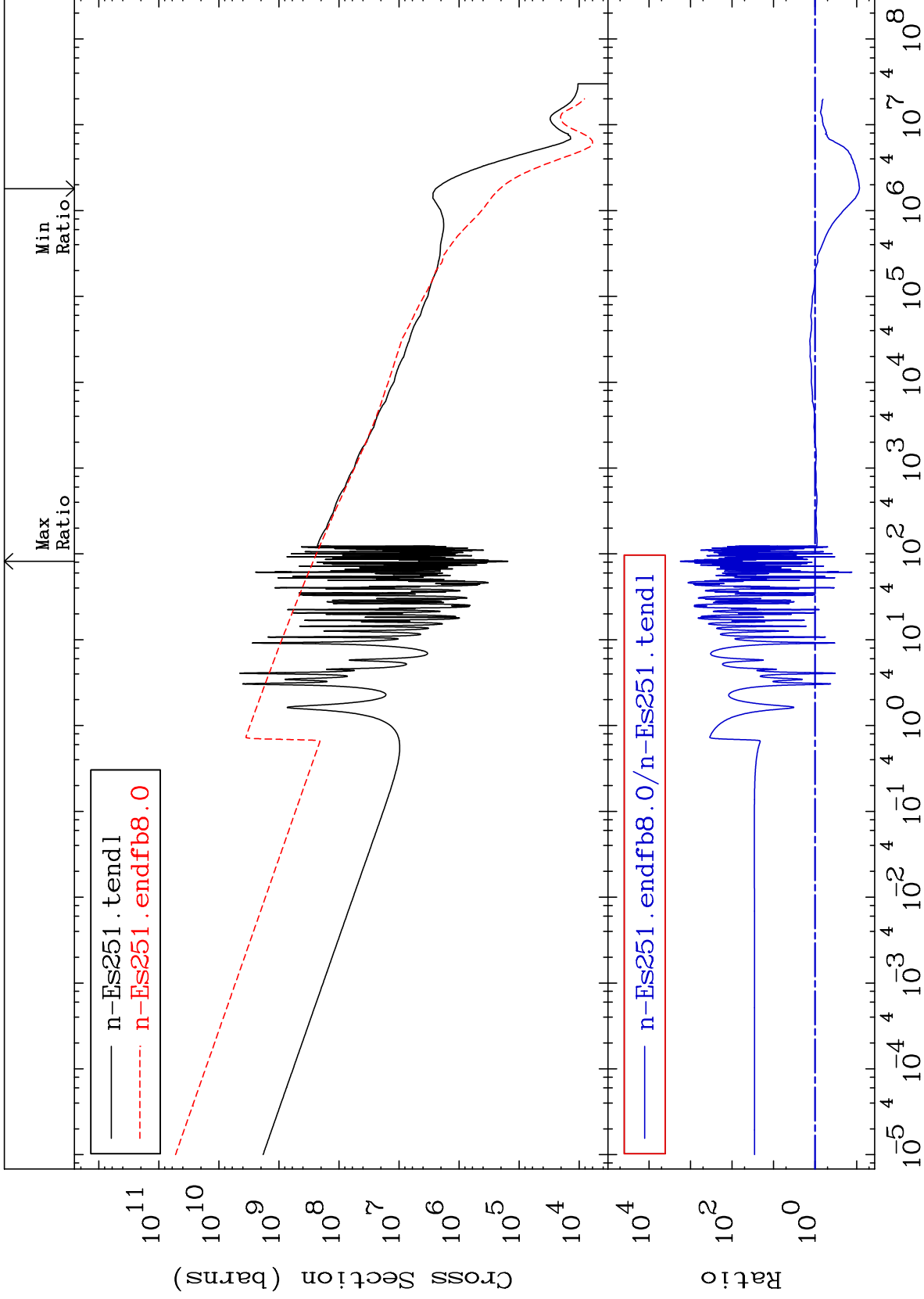
99-Es-251  
-99.97 To 9999. %



MAT 9911

Kerma capture (mt102)  
Cross Section

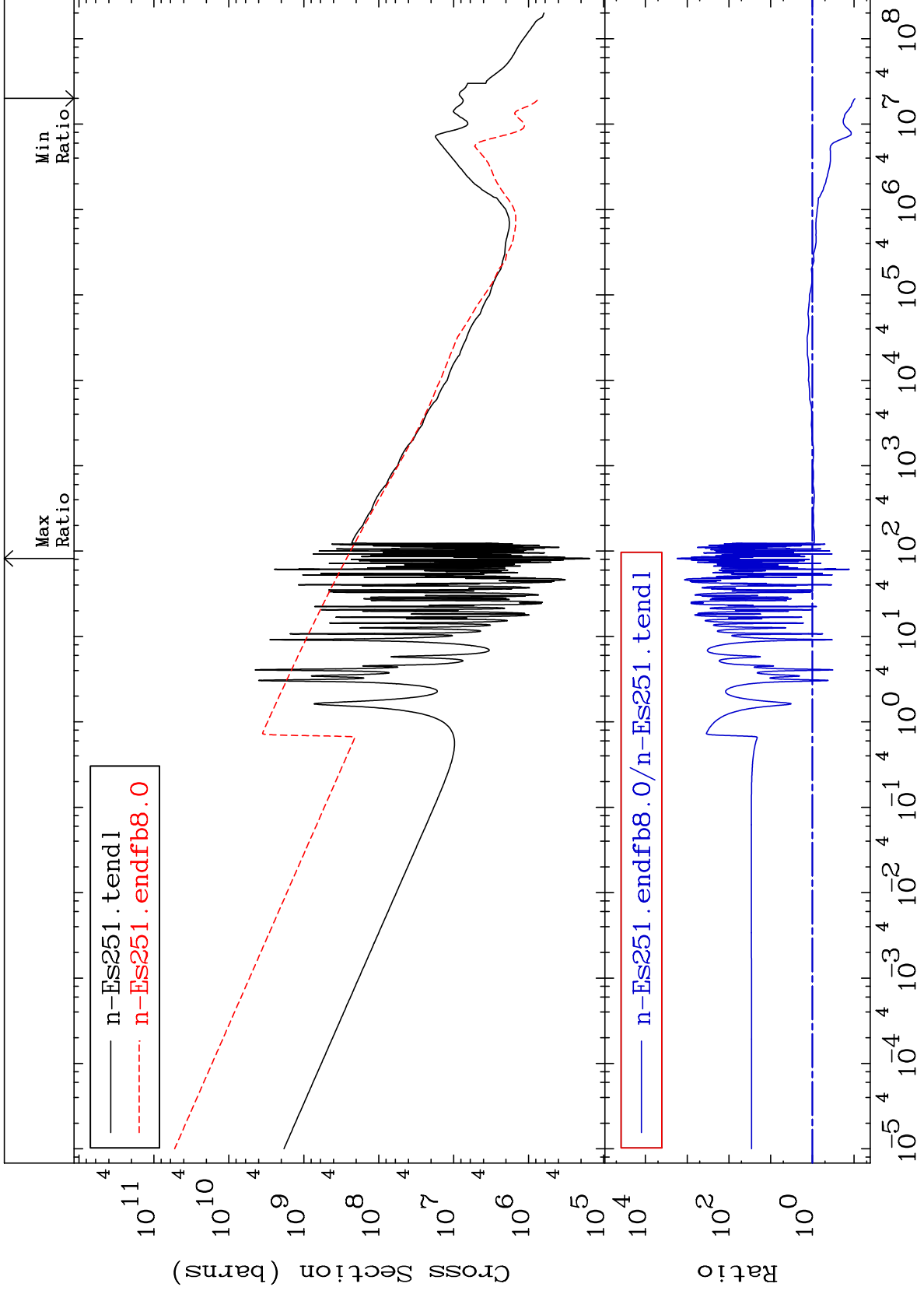
99-Es-251  
-91.44 To 9999. %



MAT 9911

Total photon (eV-barns)  
Cross Section

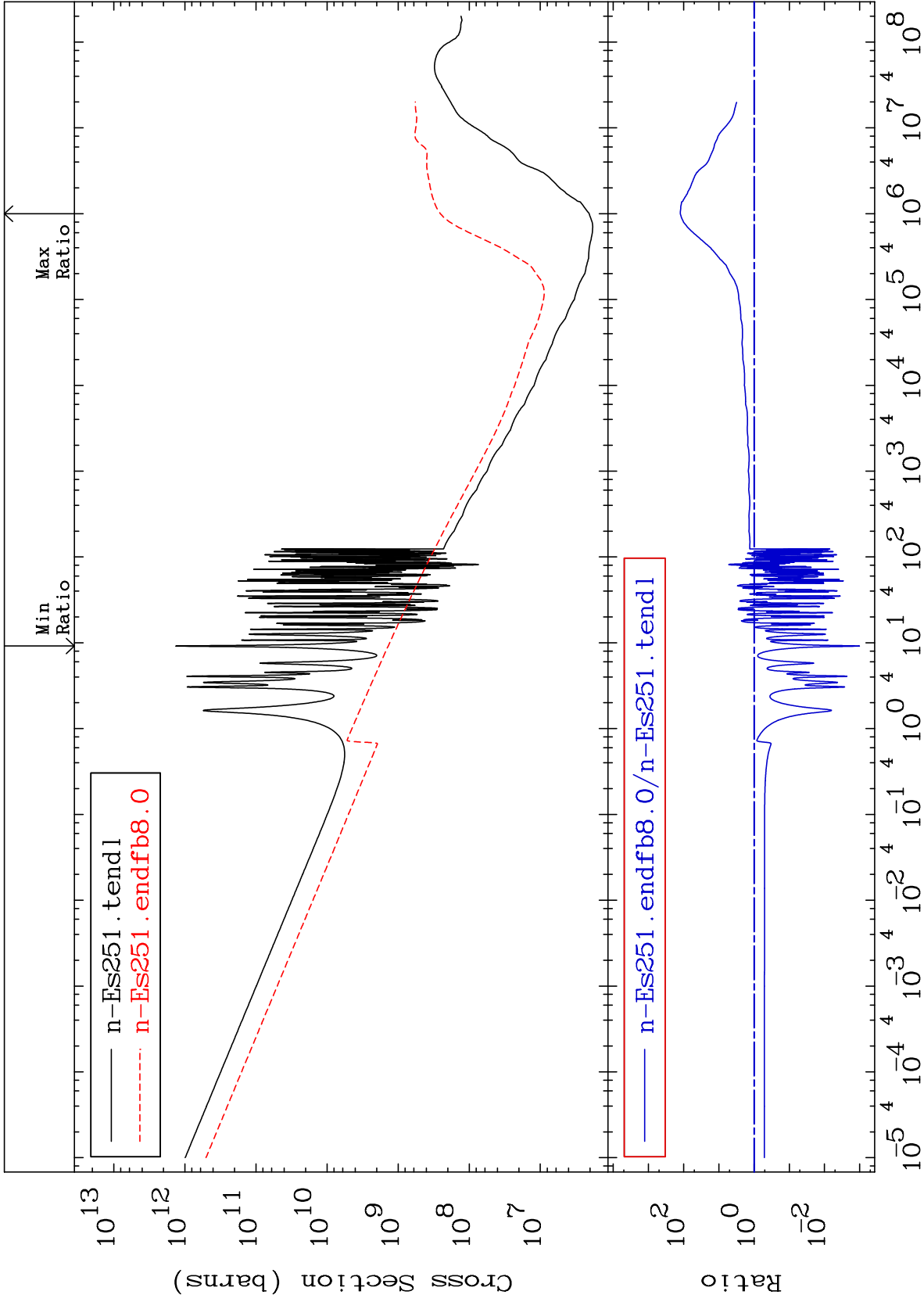
99-Es-251  
-90.51 To 9999. %



MAT 9911

Total kinematic kerma (high limit)  
Cross Section

99-Es-251  
-99.90 To 9999. %



25

Incident Energy (eV)

99-Es-251

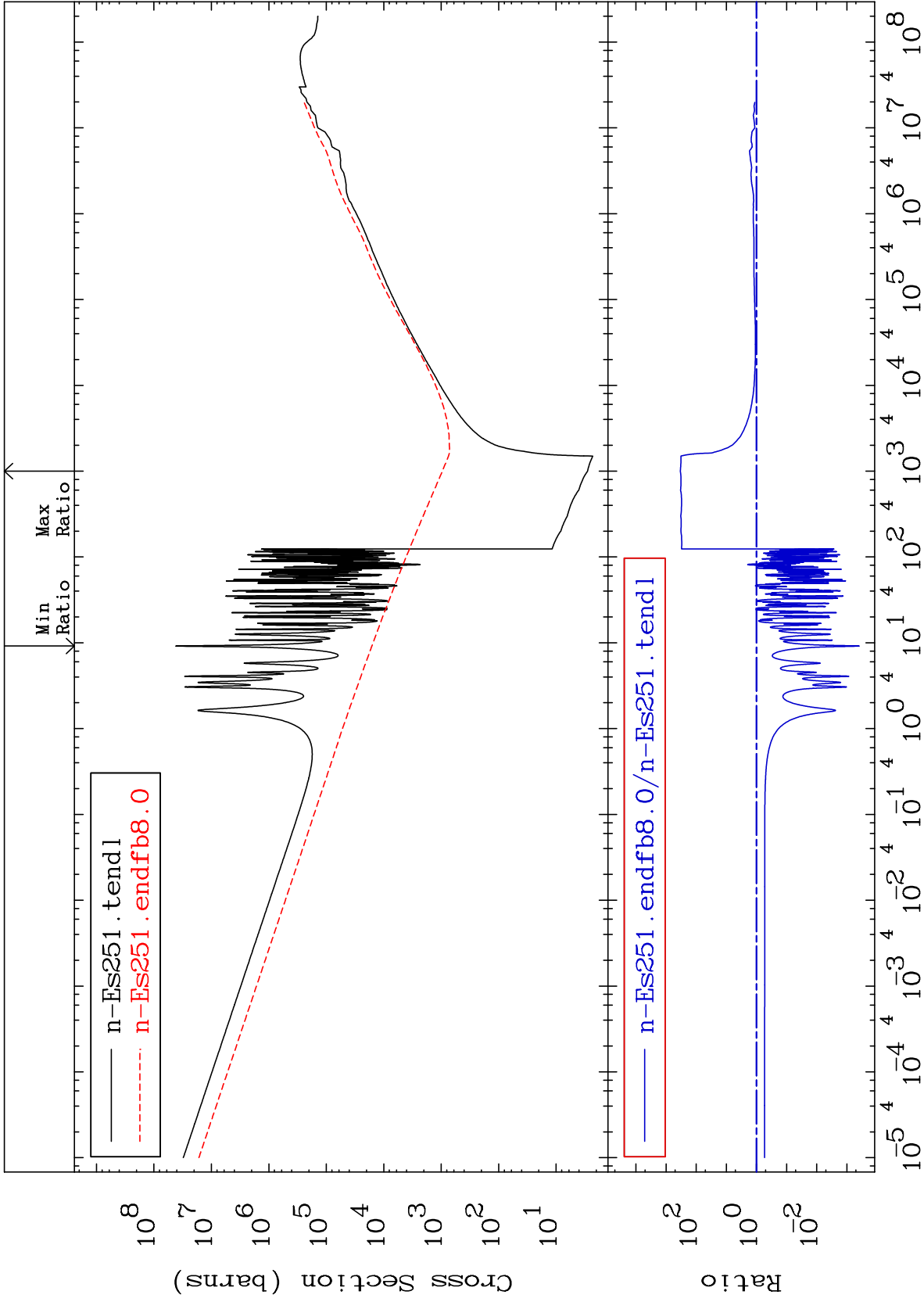
MAT 9911

Dpa total (eV-barns)

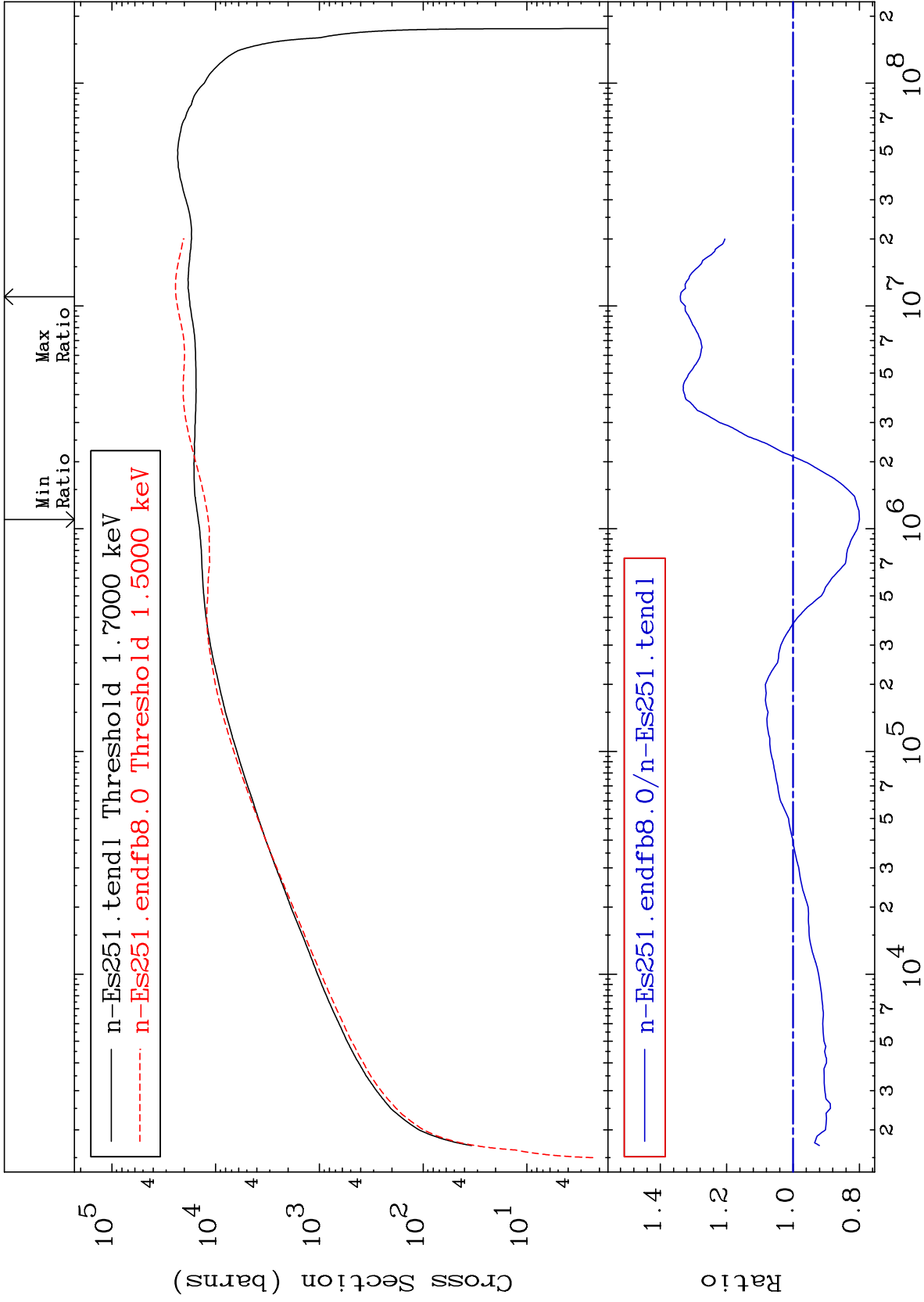
99-Es-251

-99.96 To 9999. %

Cross Section



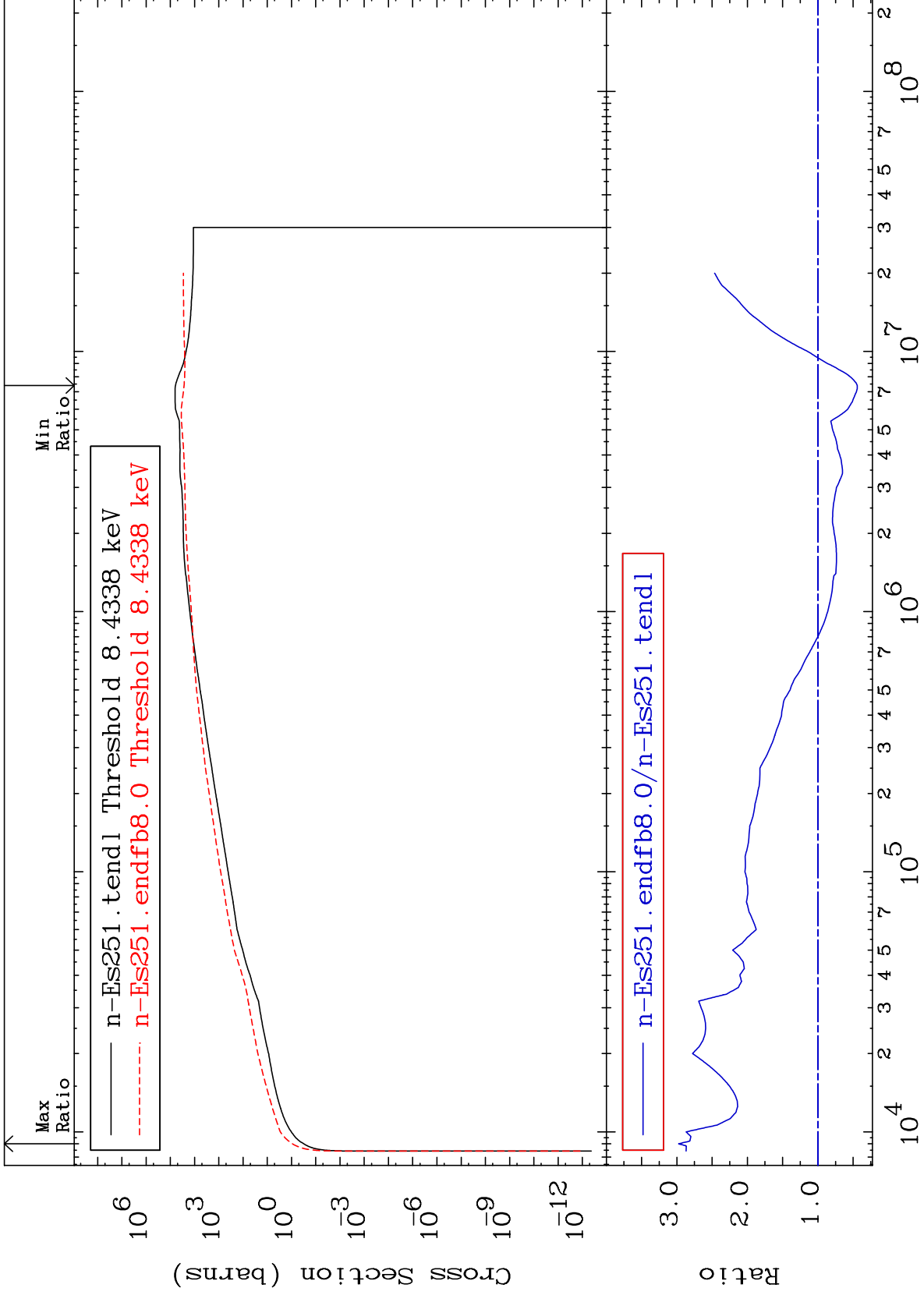




MAT 9911

Dpa inelastic (mt51-91)  
Cross Section

99-Es-251  
-55.82 To 197.5 %



MAT 9911

Dpa disappearance (mt102 -120)  
Cross Section

99-Es-251  
-100.0 To 9999. %

