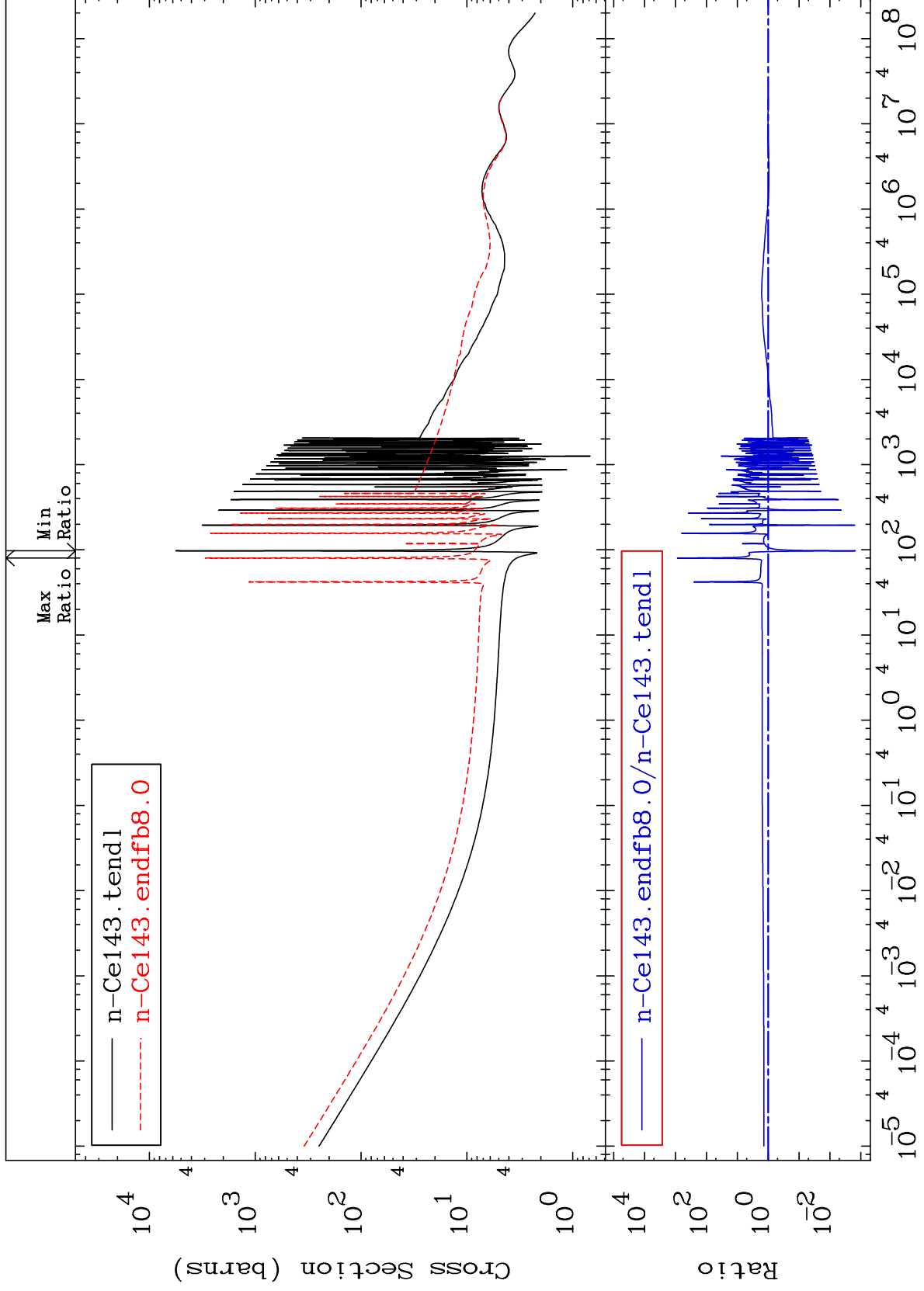


MAT 5846

Total
Cross Section

58-Ce-143
-99.85 To 9999. %

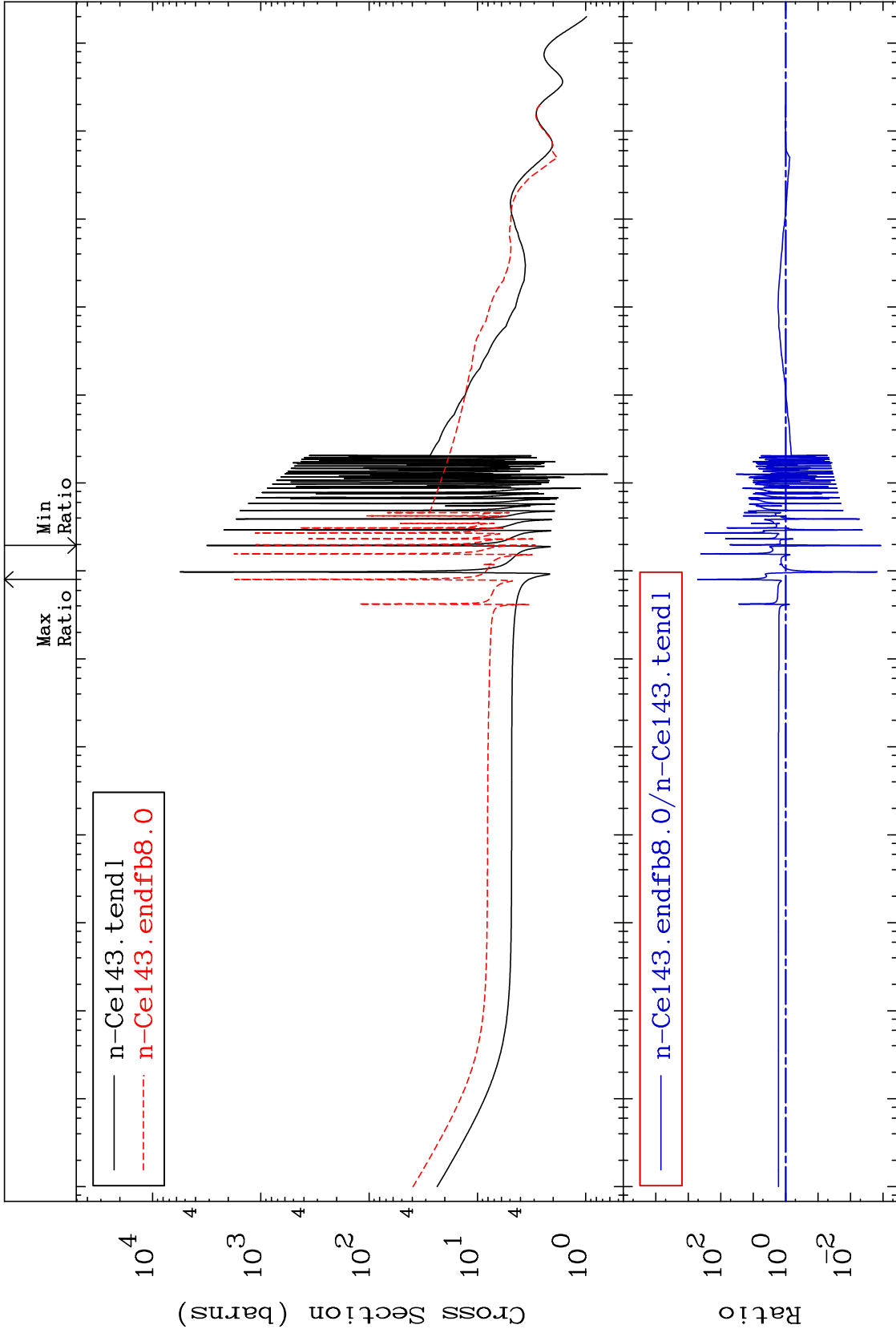


Incident Energy (eV)

58-Ce-143

MAT 5846

Elastic Cross Section
58-Ce-143
-99.89 To 9999. %



58-Ce-143

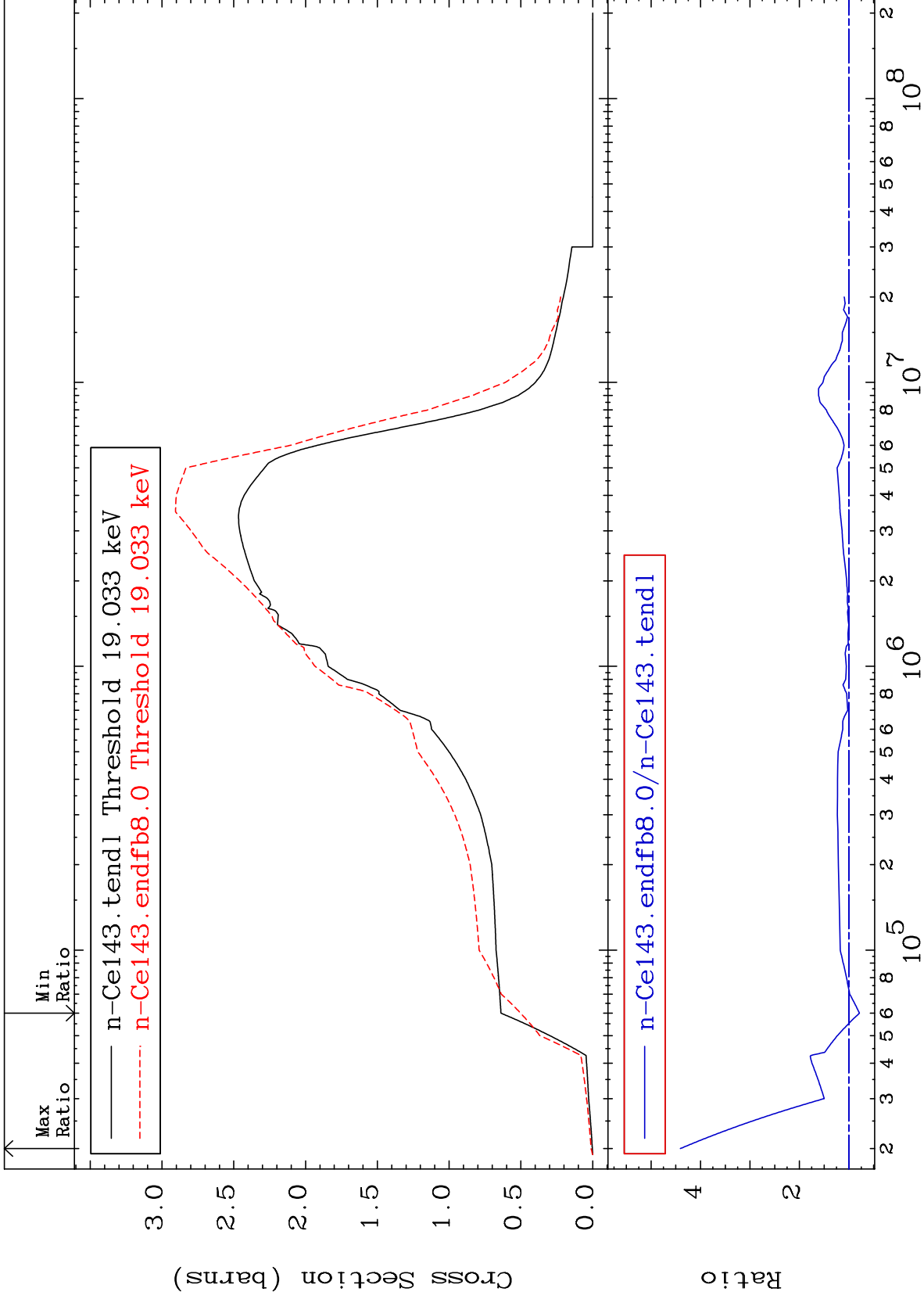
Incident Energy (eV)

2

MAT 5846

Inelastic
Cross Section

58-Ce-143
-21.40 To 340.8 %



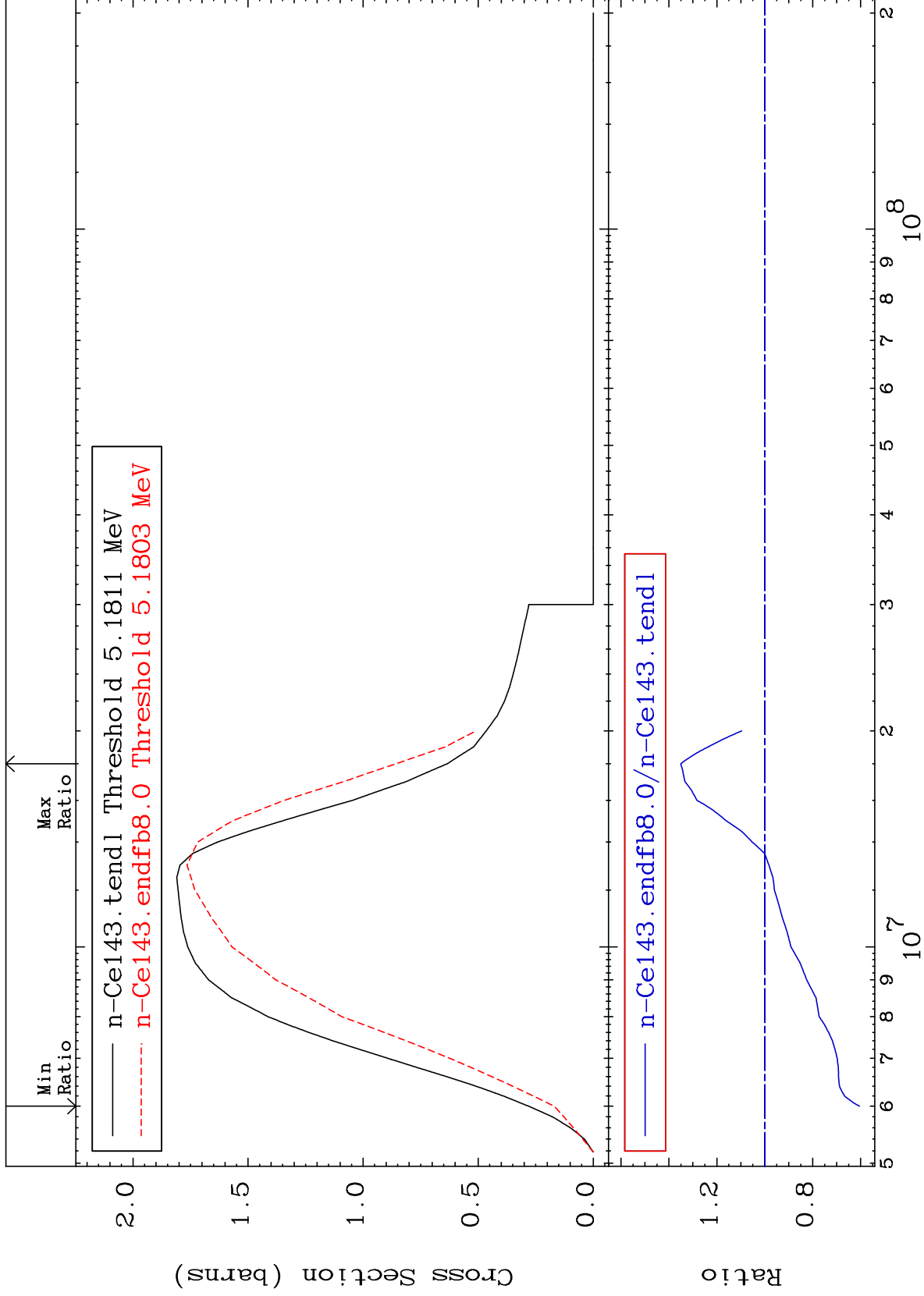
MAT 5846

(n,2n)

58-Ce-143

Cross Section

-39.53 To 35.05 %



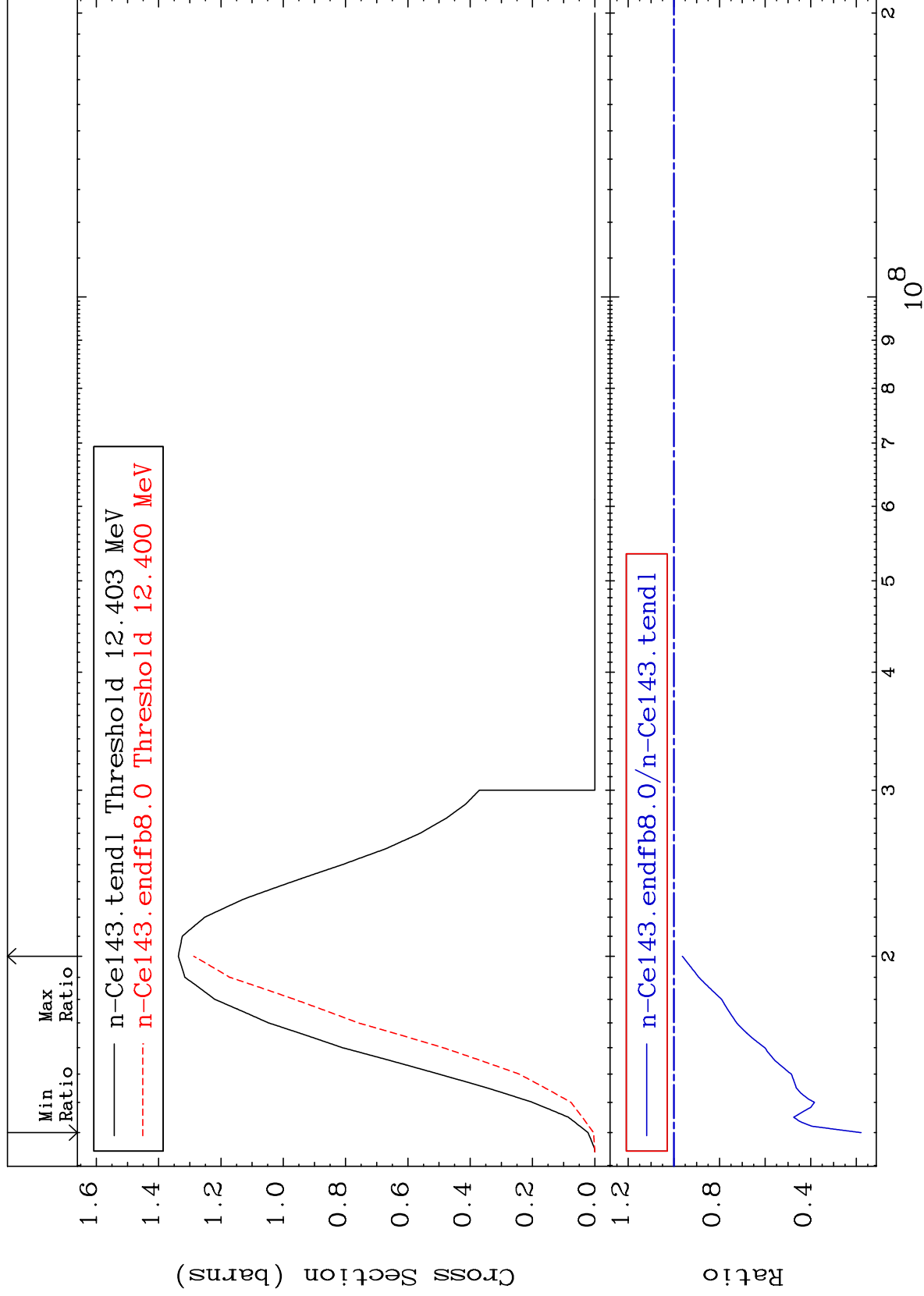
MAT 5846

(n,3n)

58-Ce-143

Cross Section

-82.07 To -3.708%



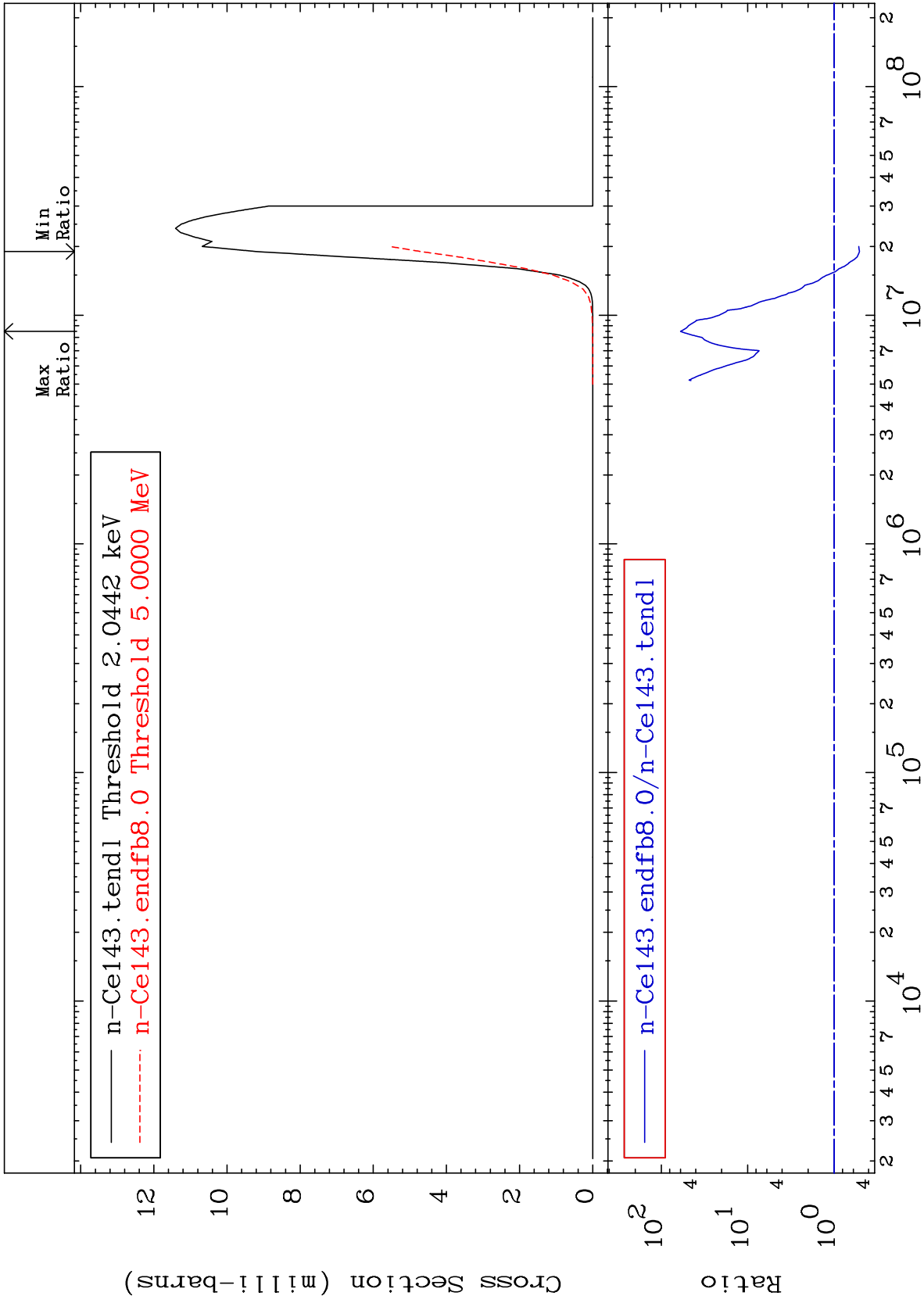
MAT 5846

(n, n') α

58-Ce-143

Cross Section

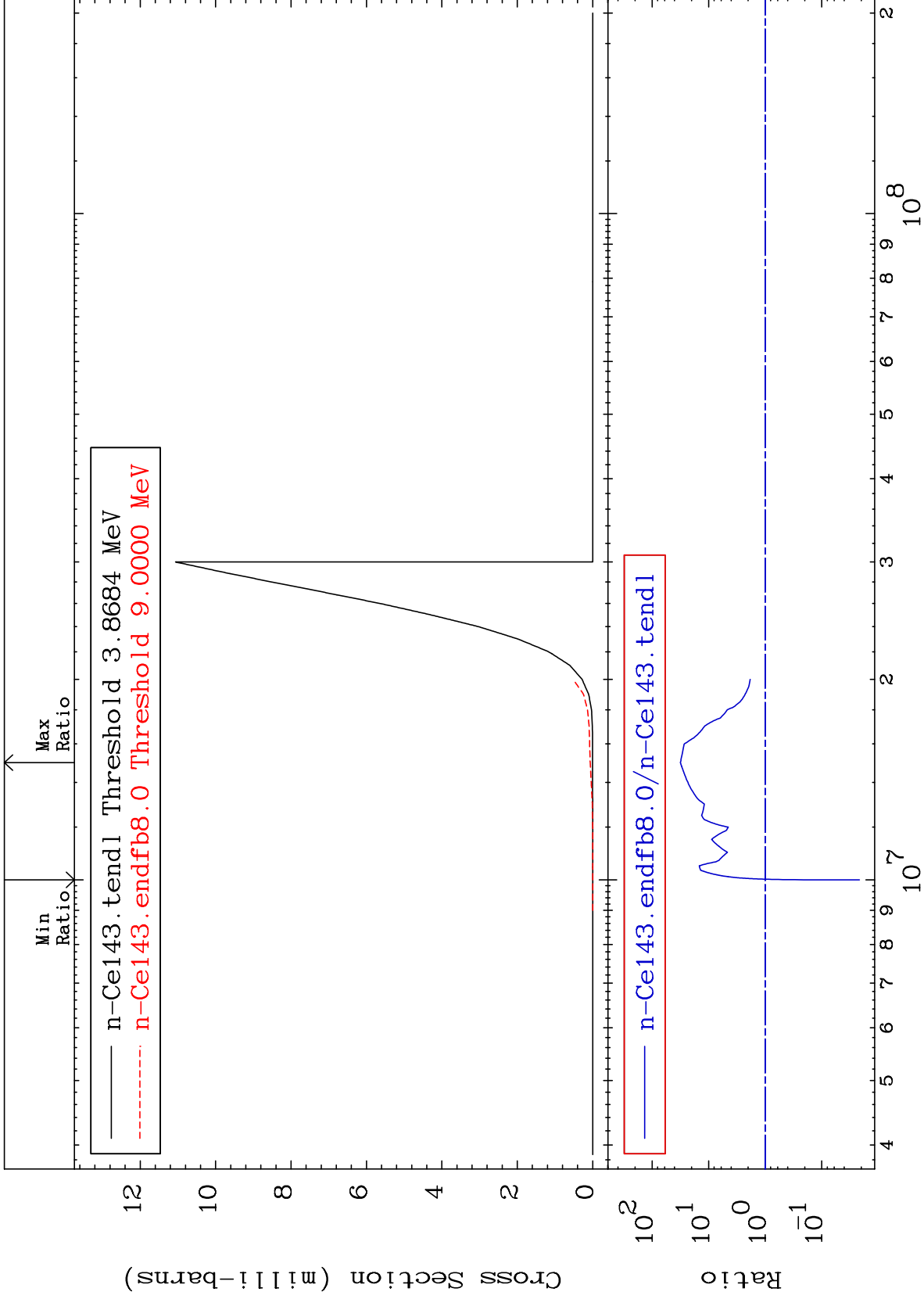
-48.92 To 5910. %



MAT 5846

(n,2n) α
Cross Section

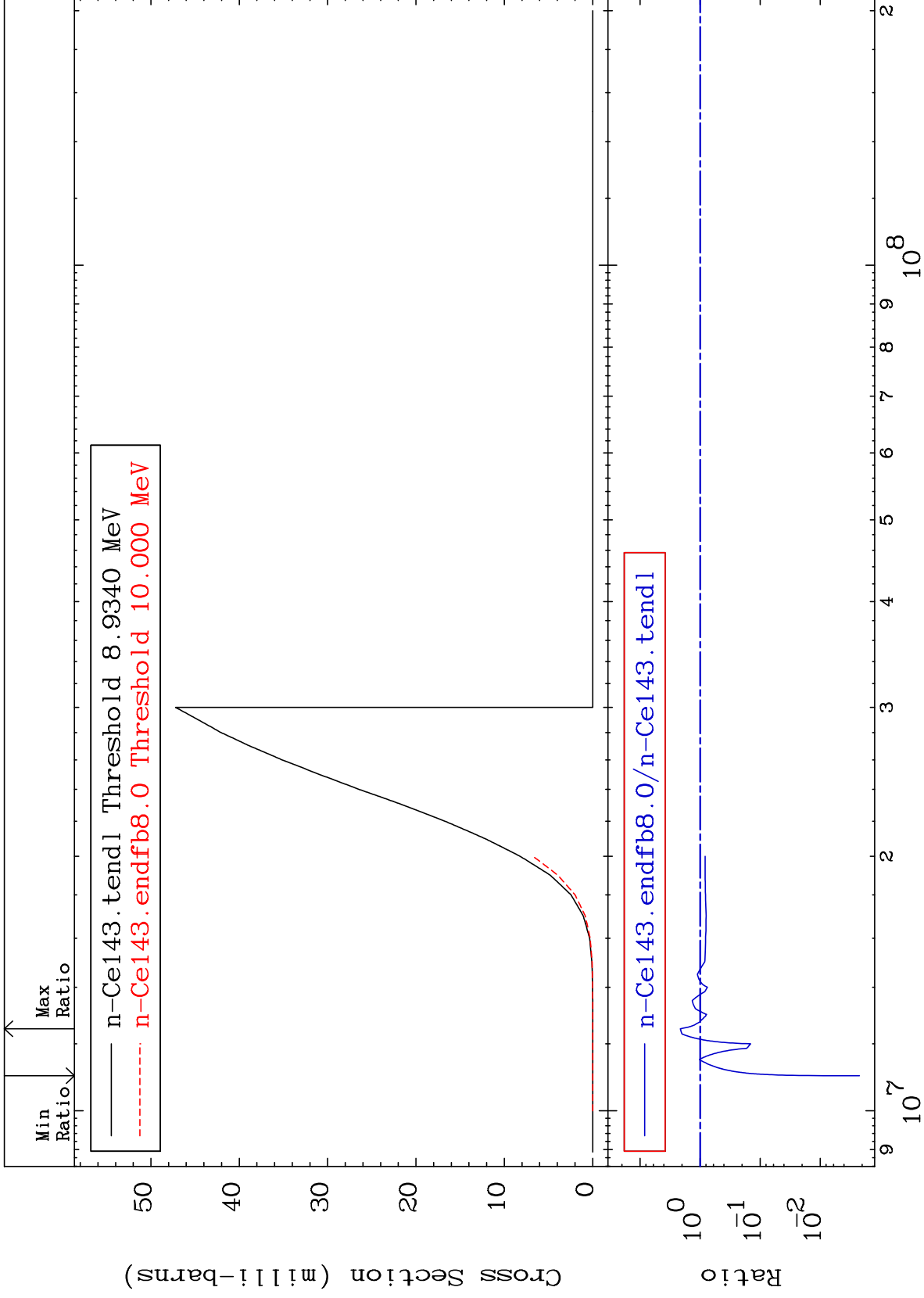
58-Ce-143
-97.84 To 3060. %



MAT 5846

(n,n') p
Cross Section

58-Ce-143
-99.78 To 112.9 %



8

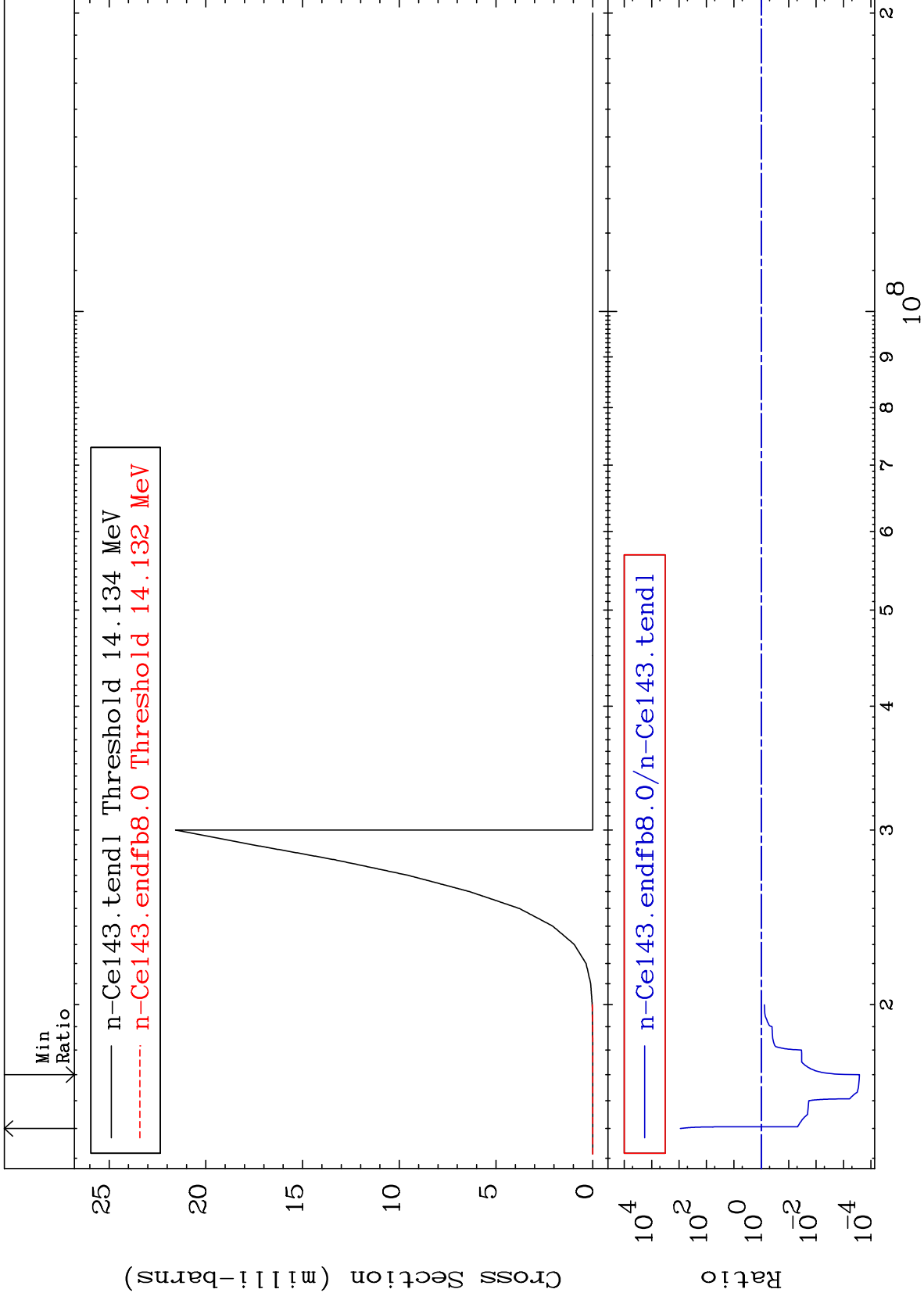
Incident Energy (eV)

58-Ce-143

MAT 5846

(n,2n) p
Cross Section

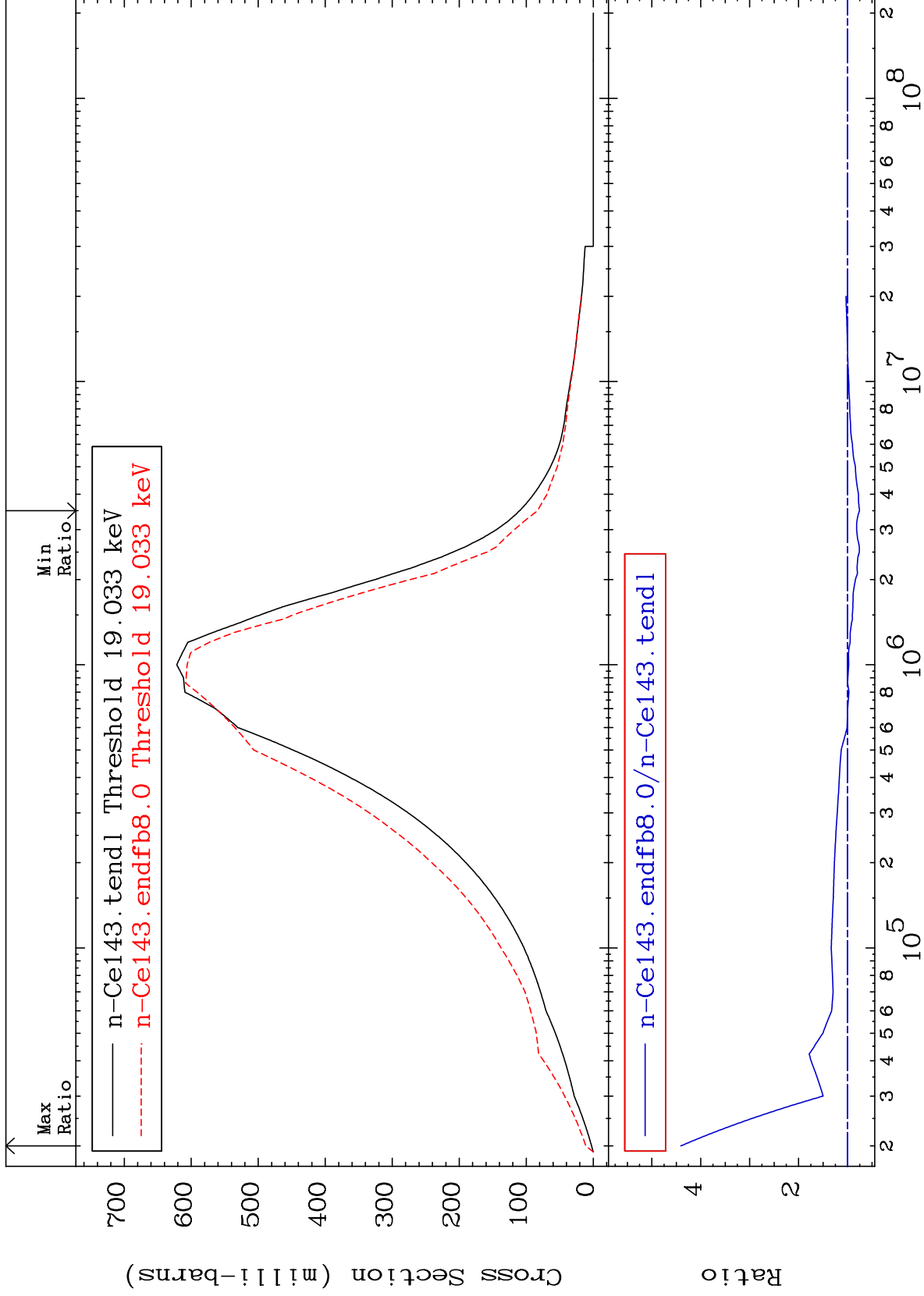
58-Ce-143
-99.97 To 9999. %



MAT 5846

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

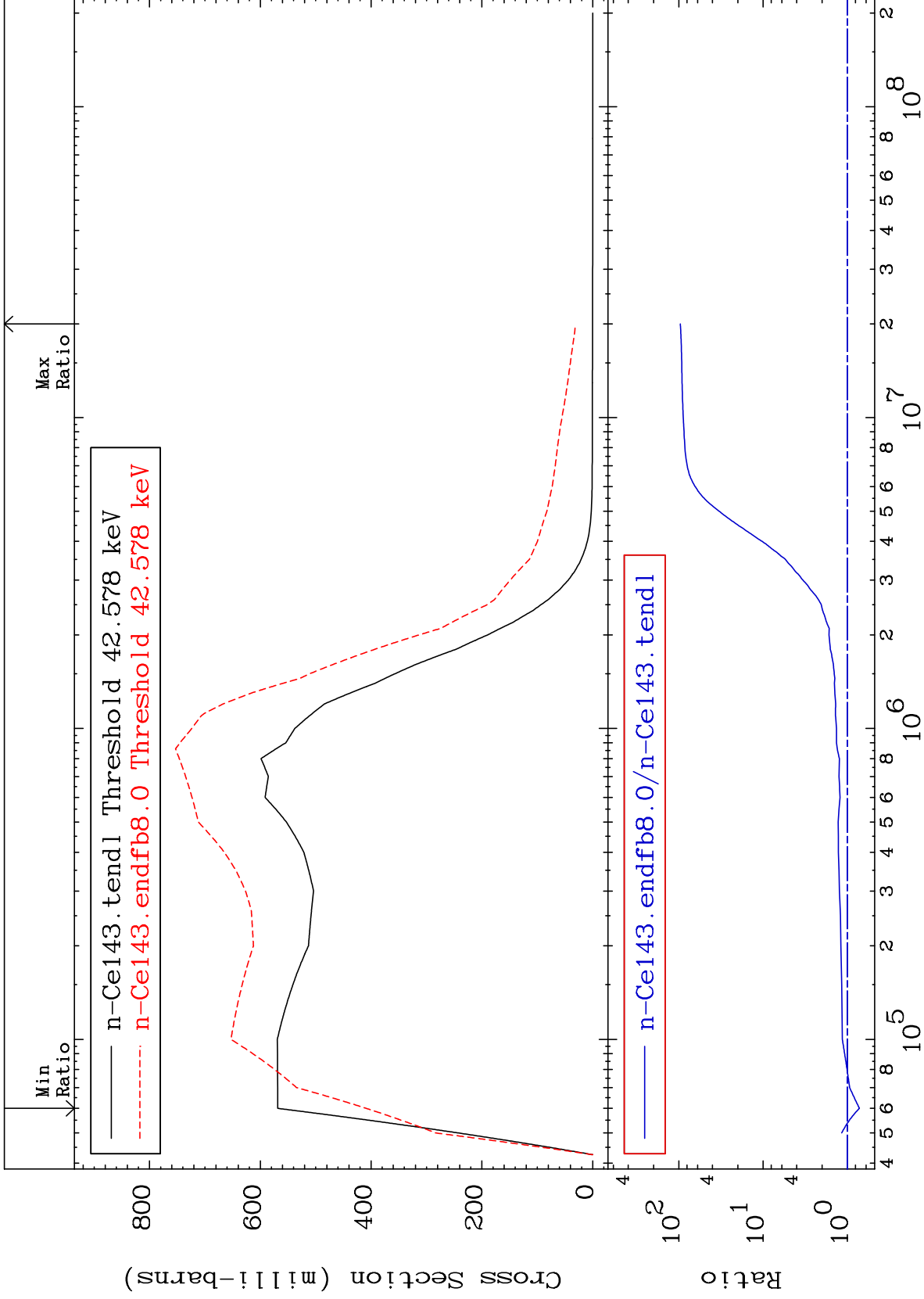
58-Ce-143
-24.57 To 340.8 %



MAT 5846

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

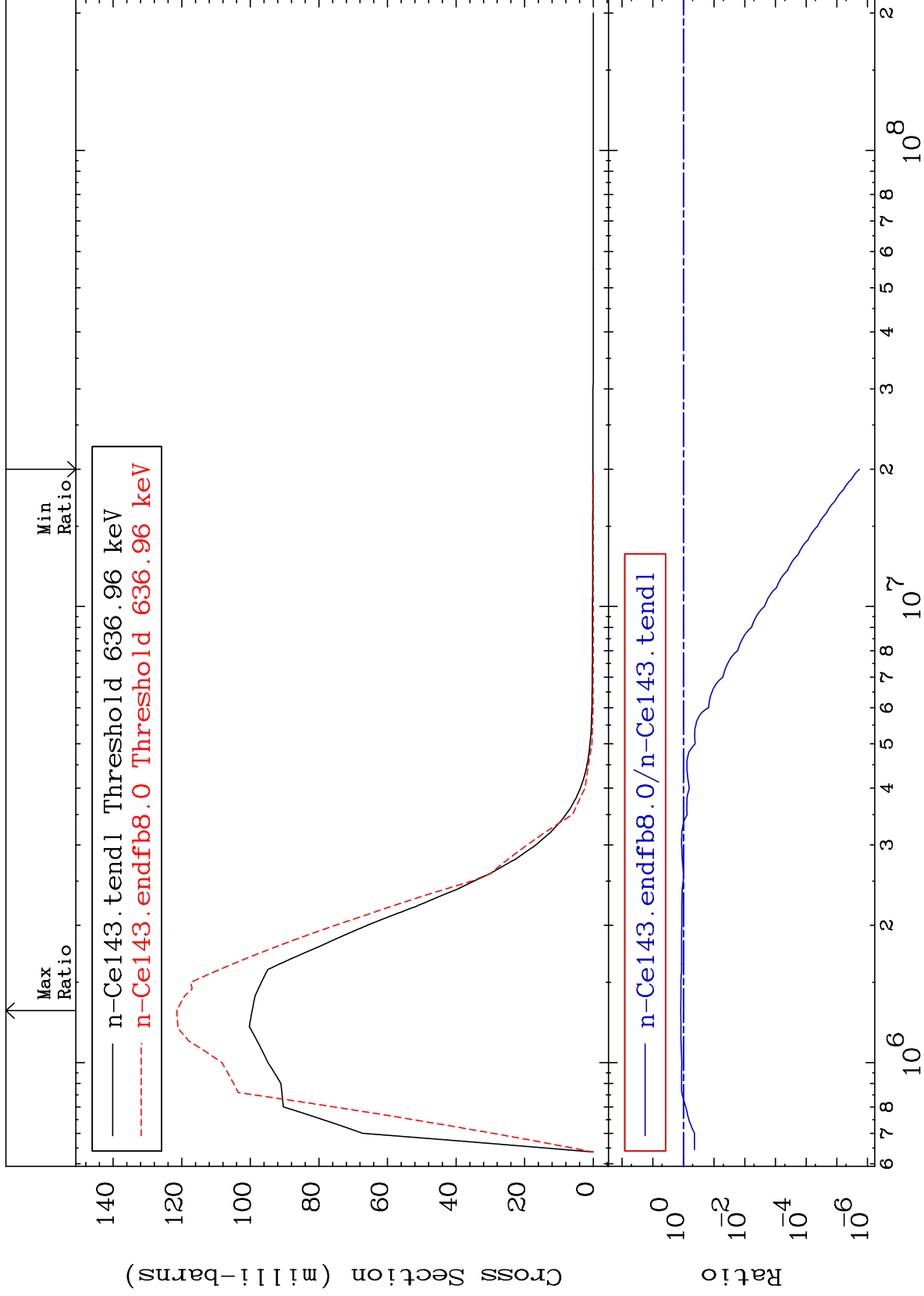
58-Ce-143
-28.09 To 9504. %



MAT 5846

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

58-Ce-143
-100.0 To 22.10 %



12

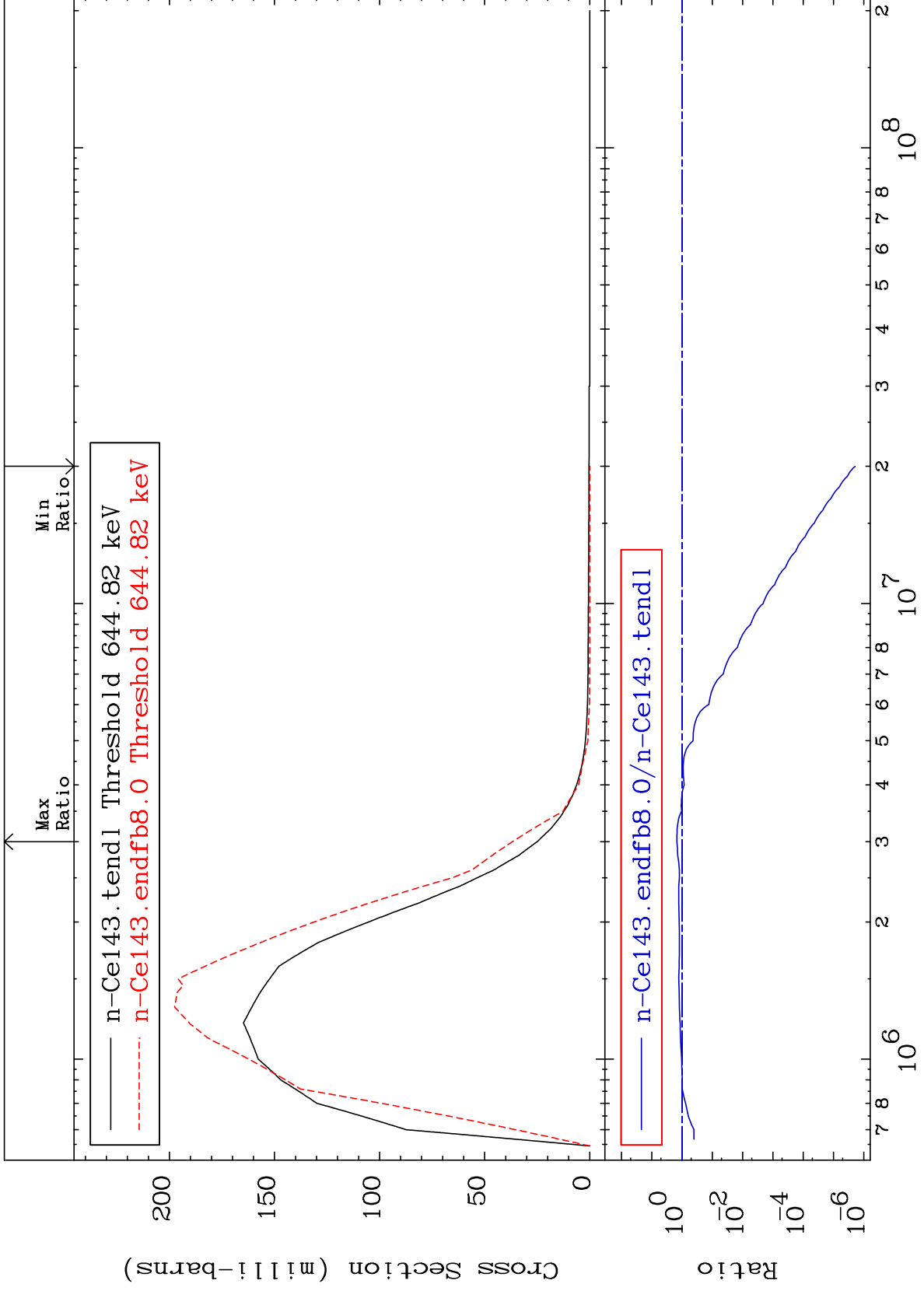
Incident Energy (eV)

58-Ce-143

MAT 5846

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

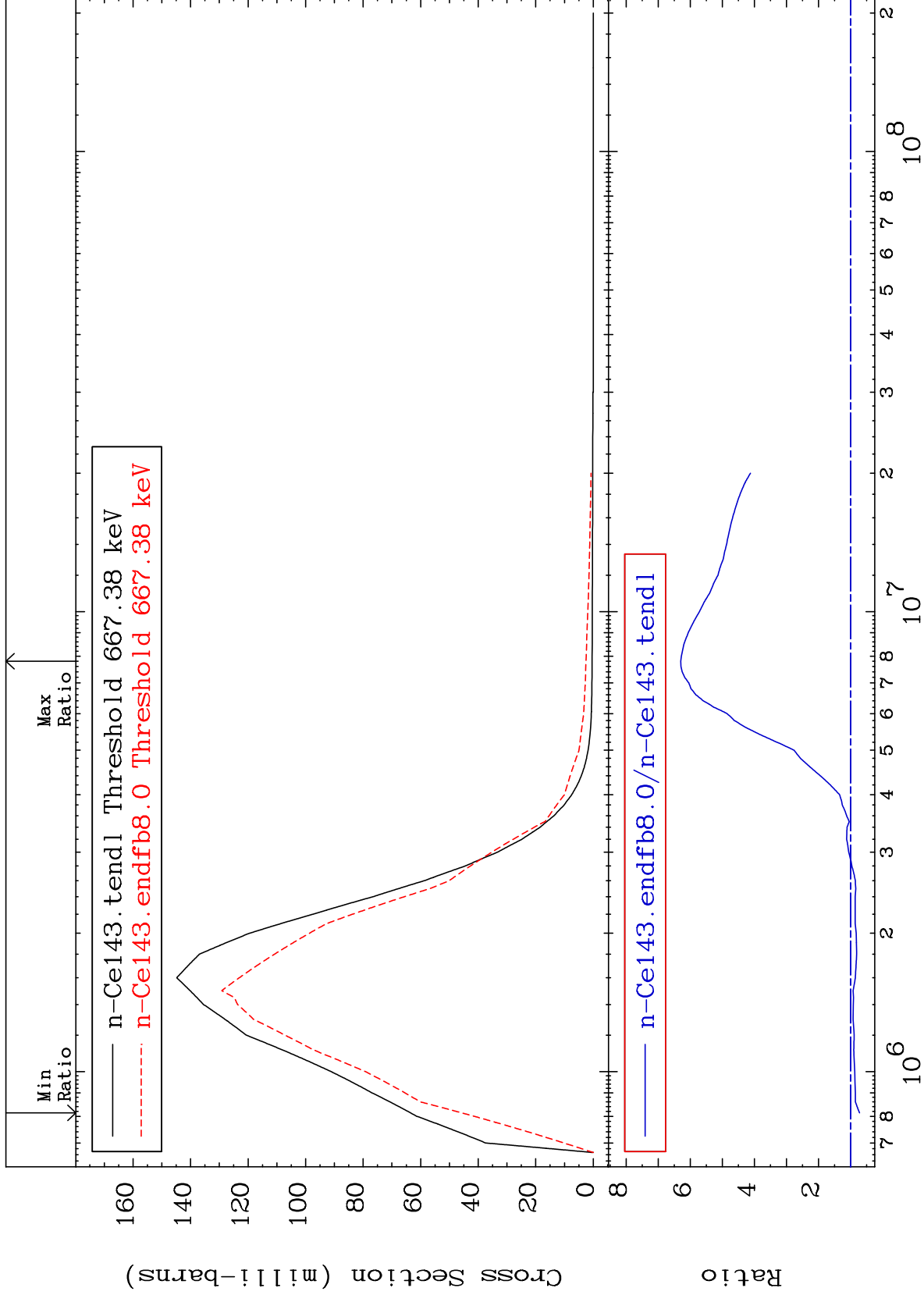
58-Ce-143
-100.0 To 47.20 %



MAT 5846

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

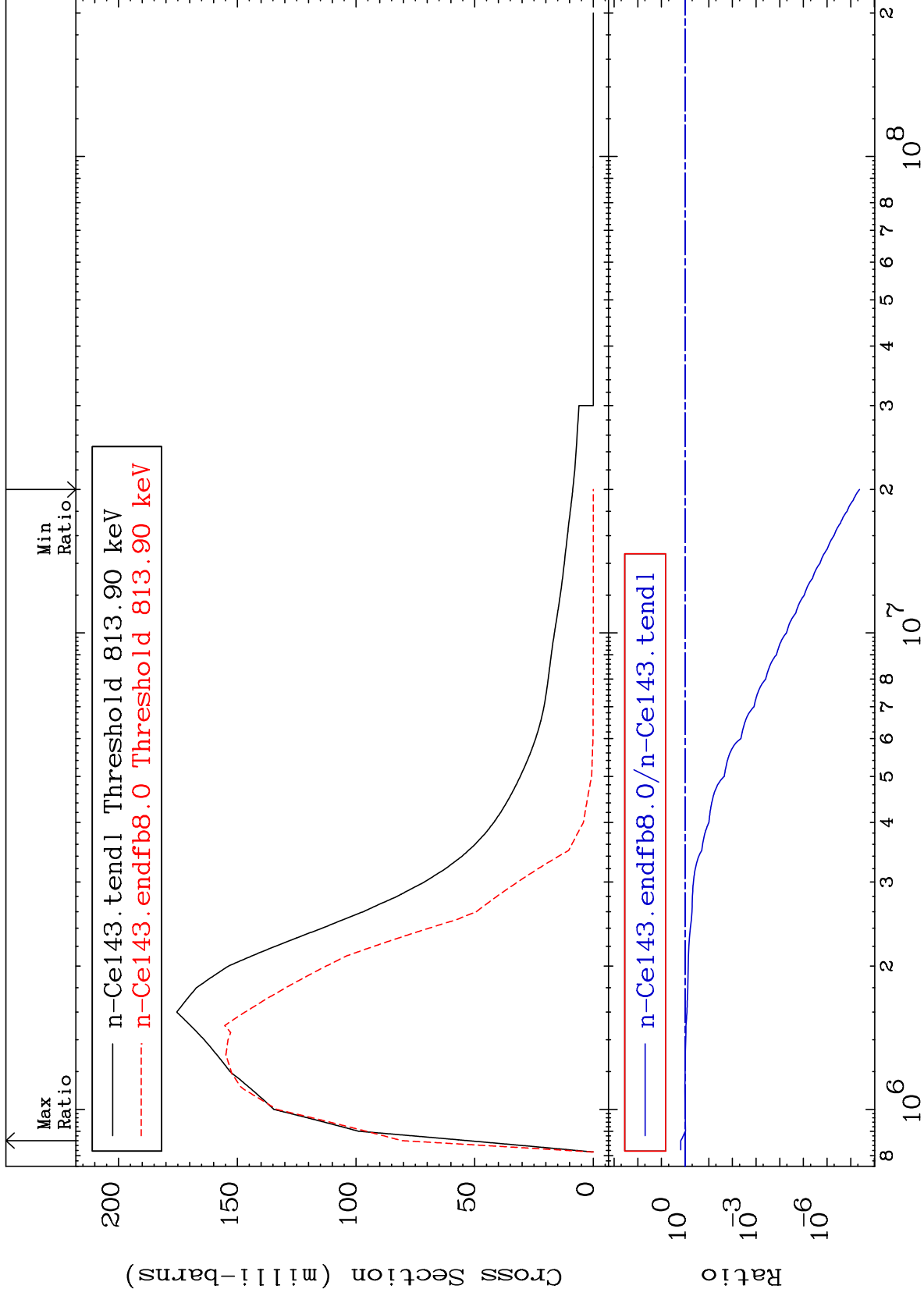
58-Ce-143
-28.01 To 529.5 %



MAT 5846

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

58-Ce-143
-100.0 To 52.37 %



15

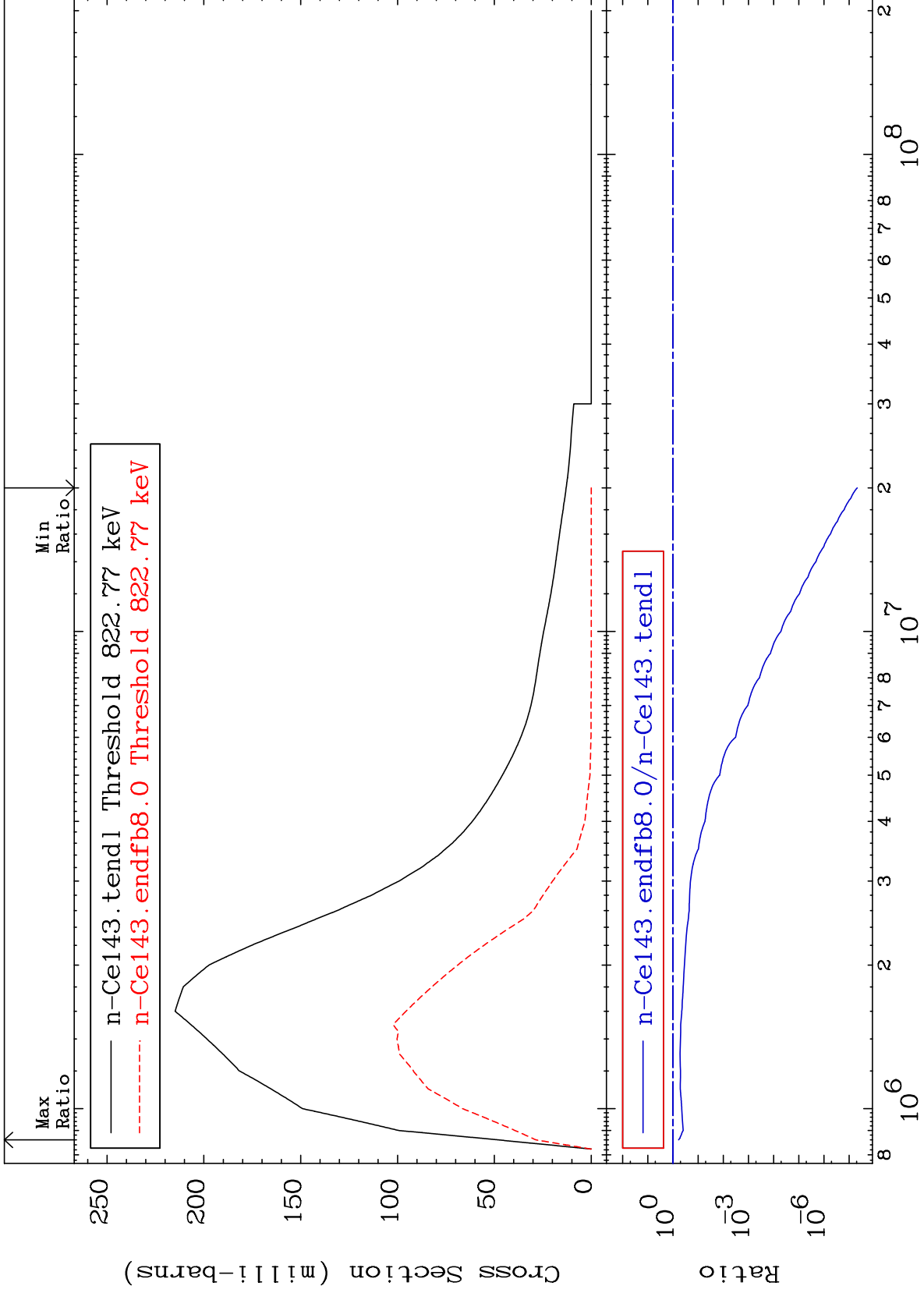
Incident Energy (eV)

58-Ce-143

MAT 5846

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

58-Ce-143
-100.0 To -40.47%



16

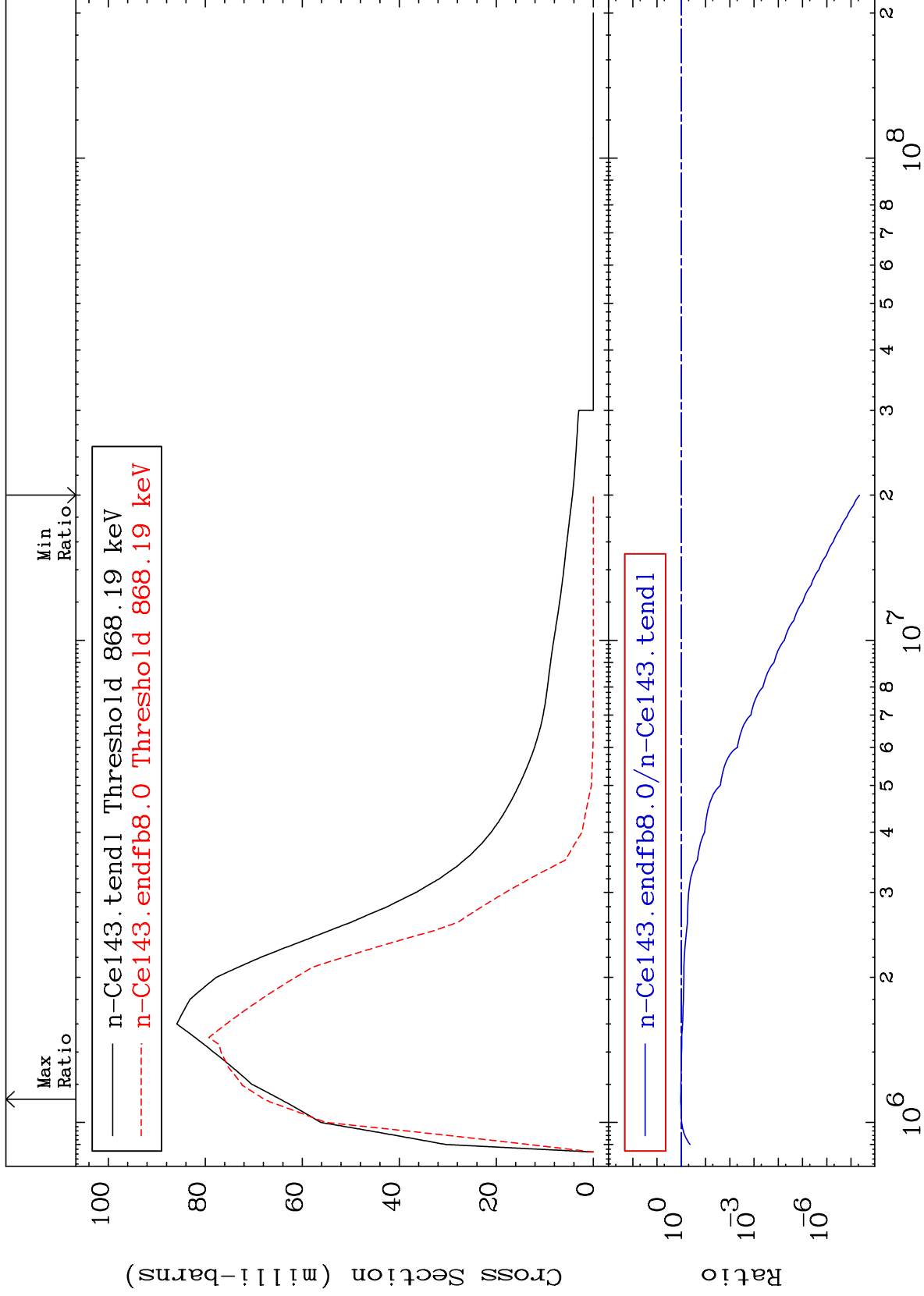
Incident Energy (eV)

58-Ce-143

MAT 5846

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

58-Ce-143
-100.0 To 5.144 %



17

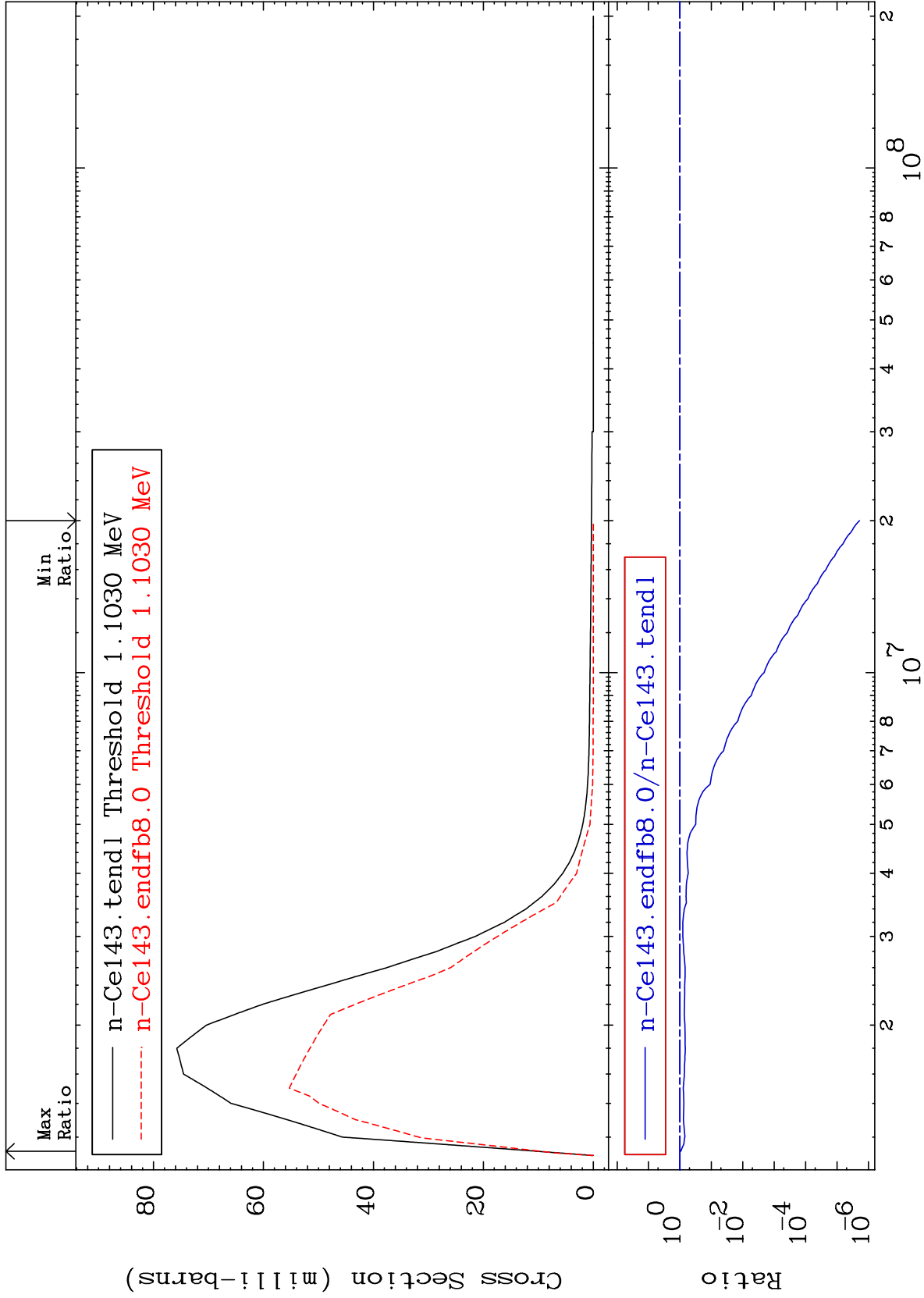
Incident Energy (eV)

58-Ce-143

MAT 5846

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

58-Ce-143
-100.0 To -5.643%



18

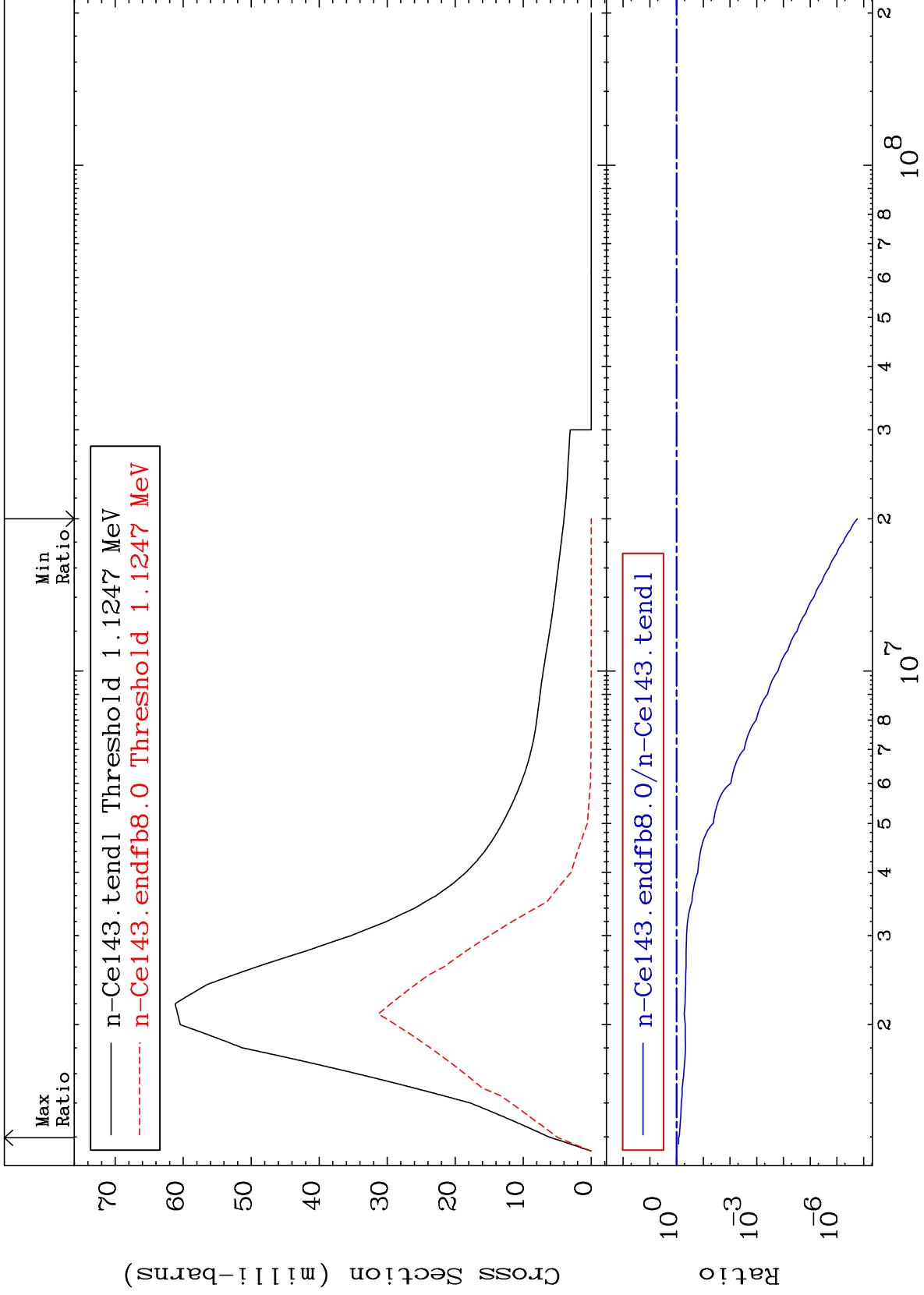
Incident Energy (eV)

58-Ce-143

MAT 5846

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

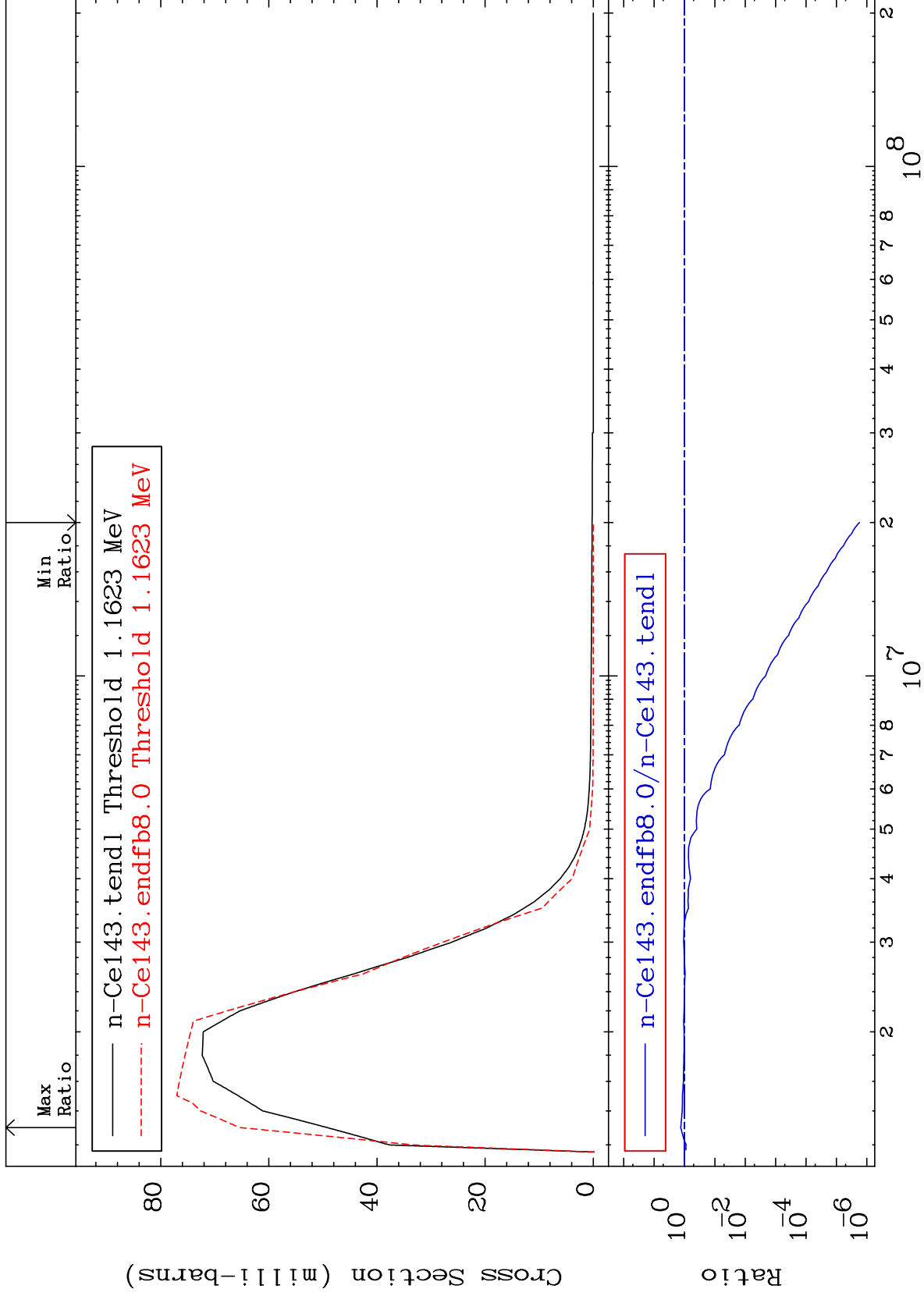
58-Ce-143
-100.0 To -16.59%



MAT 5846

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

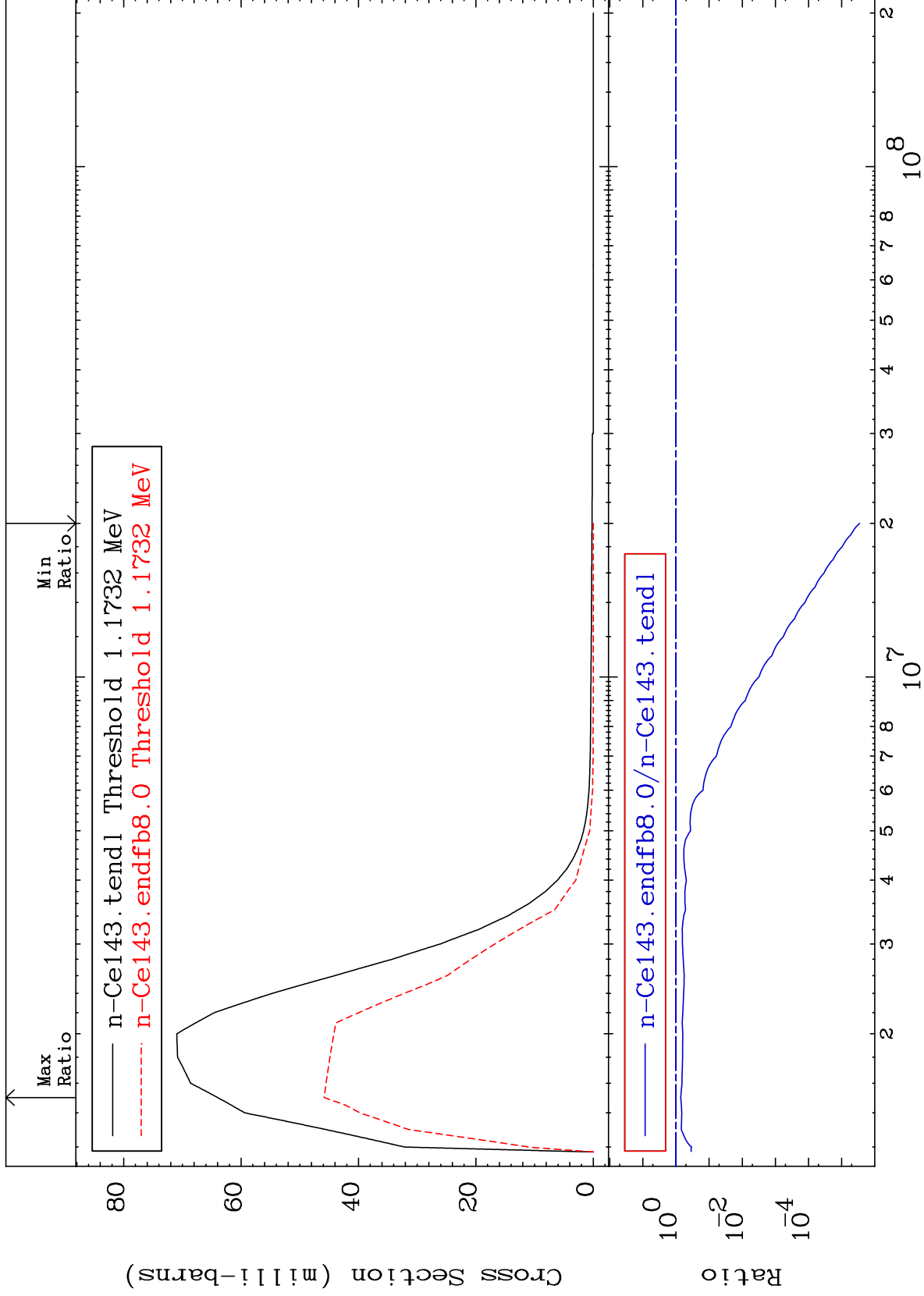
58-Ce-143
-100.0 To 32.68 %



MAT 5846

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

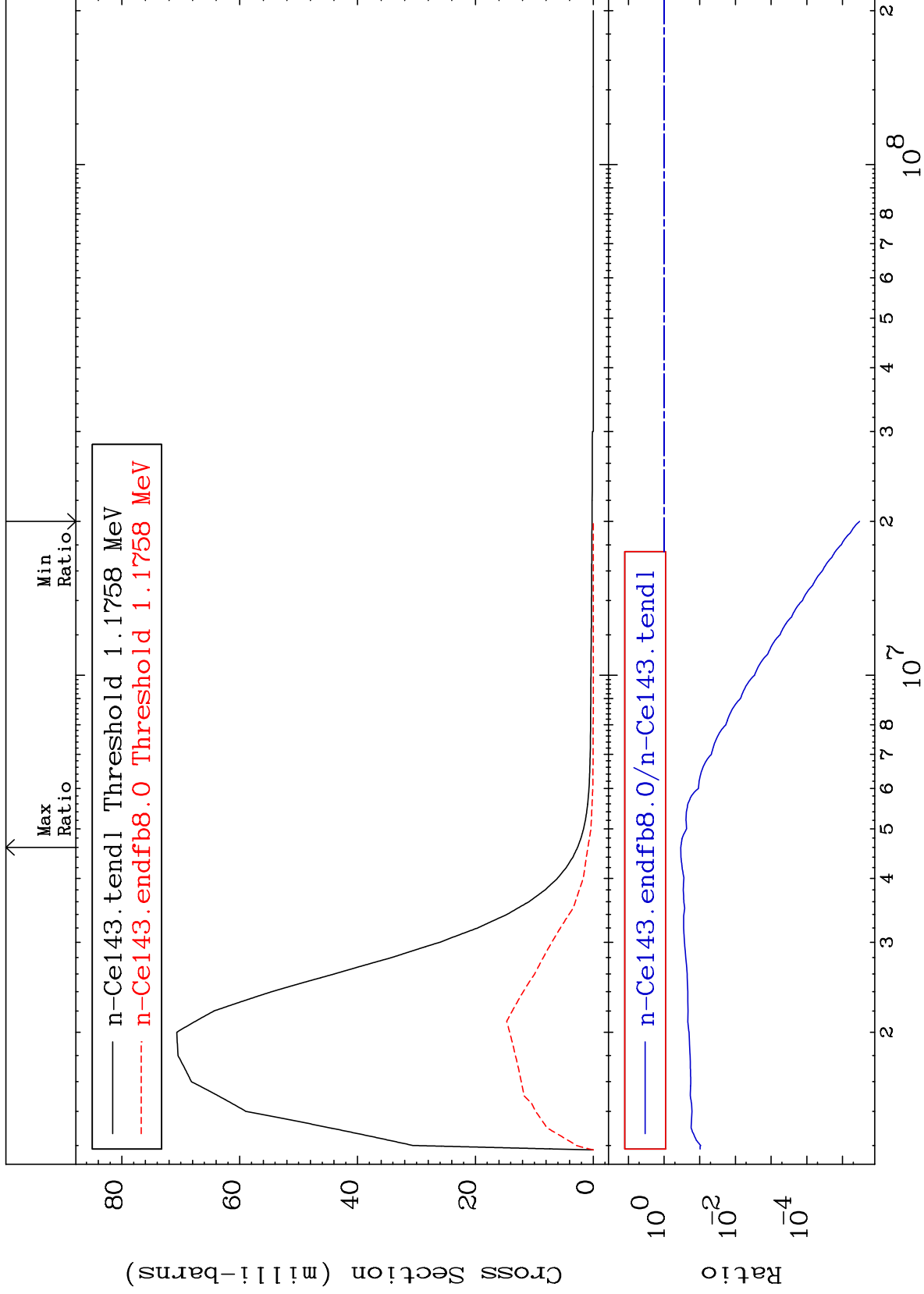
58-Ce-143
-100.0 To -28.35%



MAT 5846

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

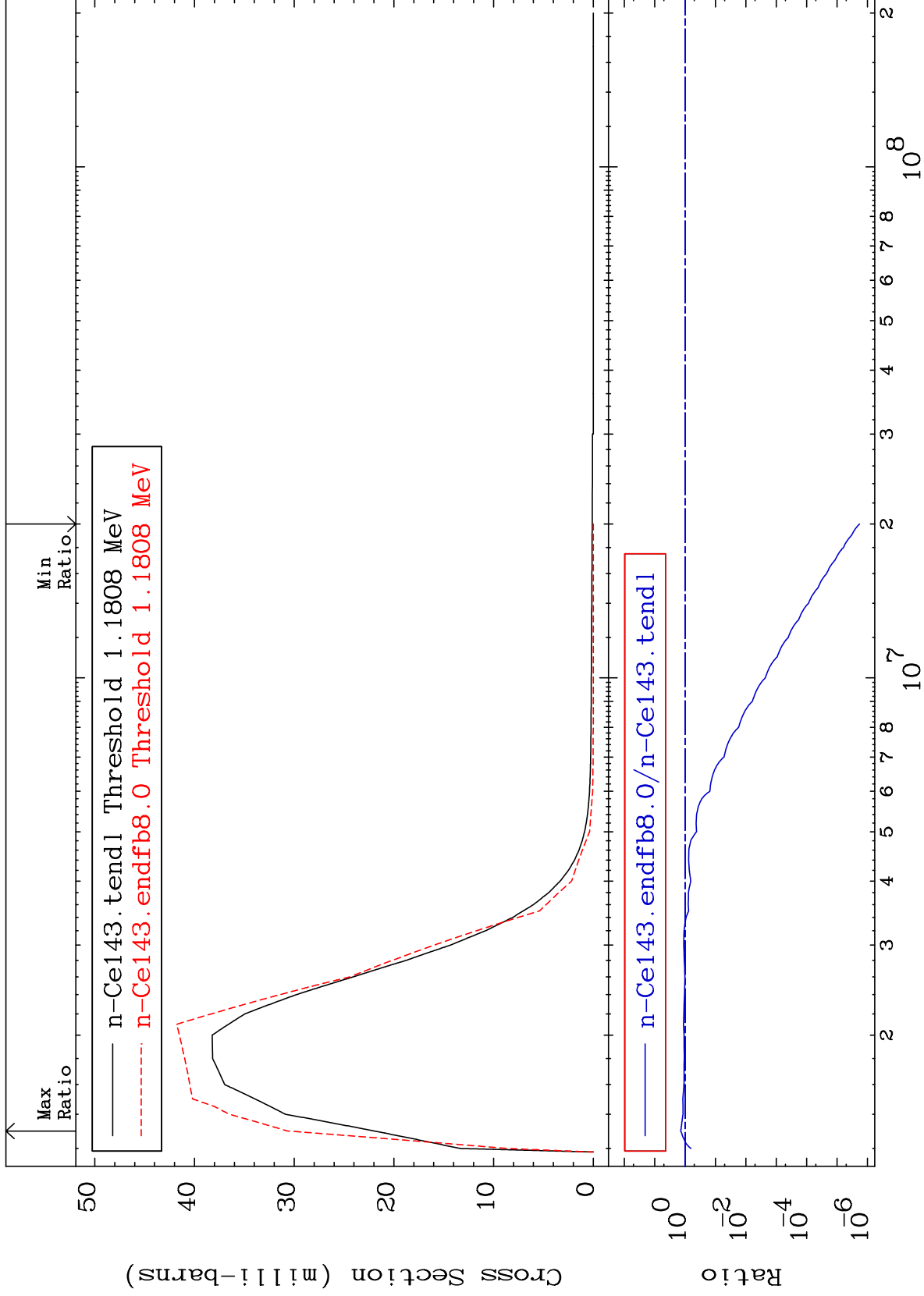
58-Ce-143
-100.0 To -65.93%



MAT 5846

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

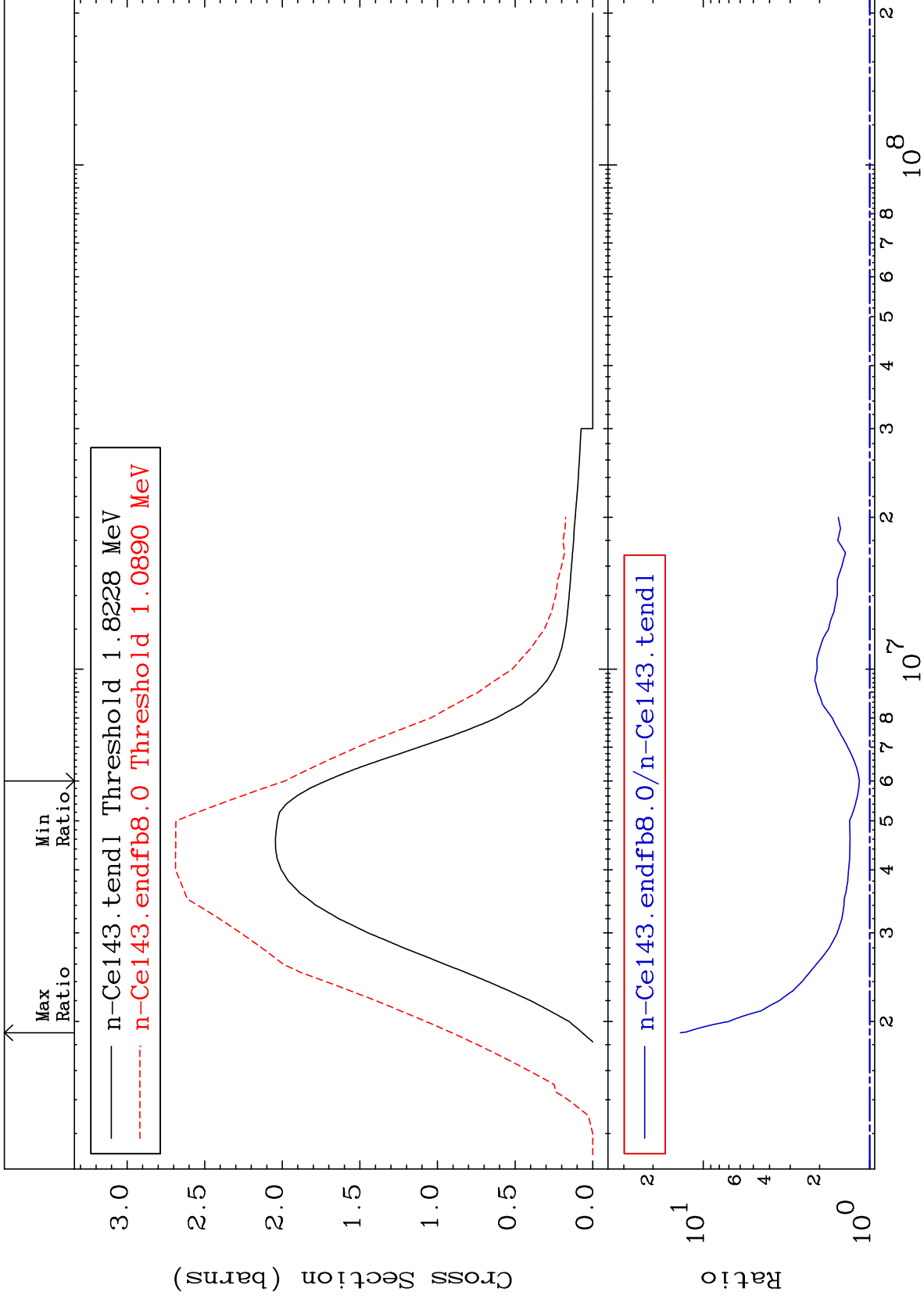
58-Ce-143
-100.0 To 39.24 %



MAT 5846

(n, n') Continuum
Cross Section

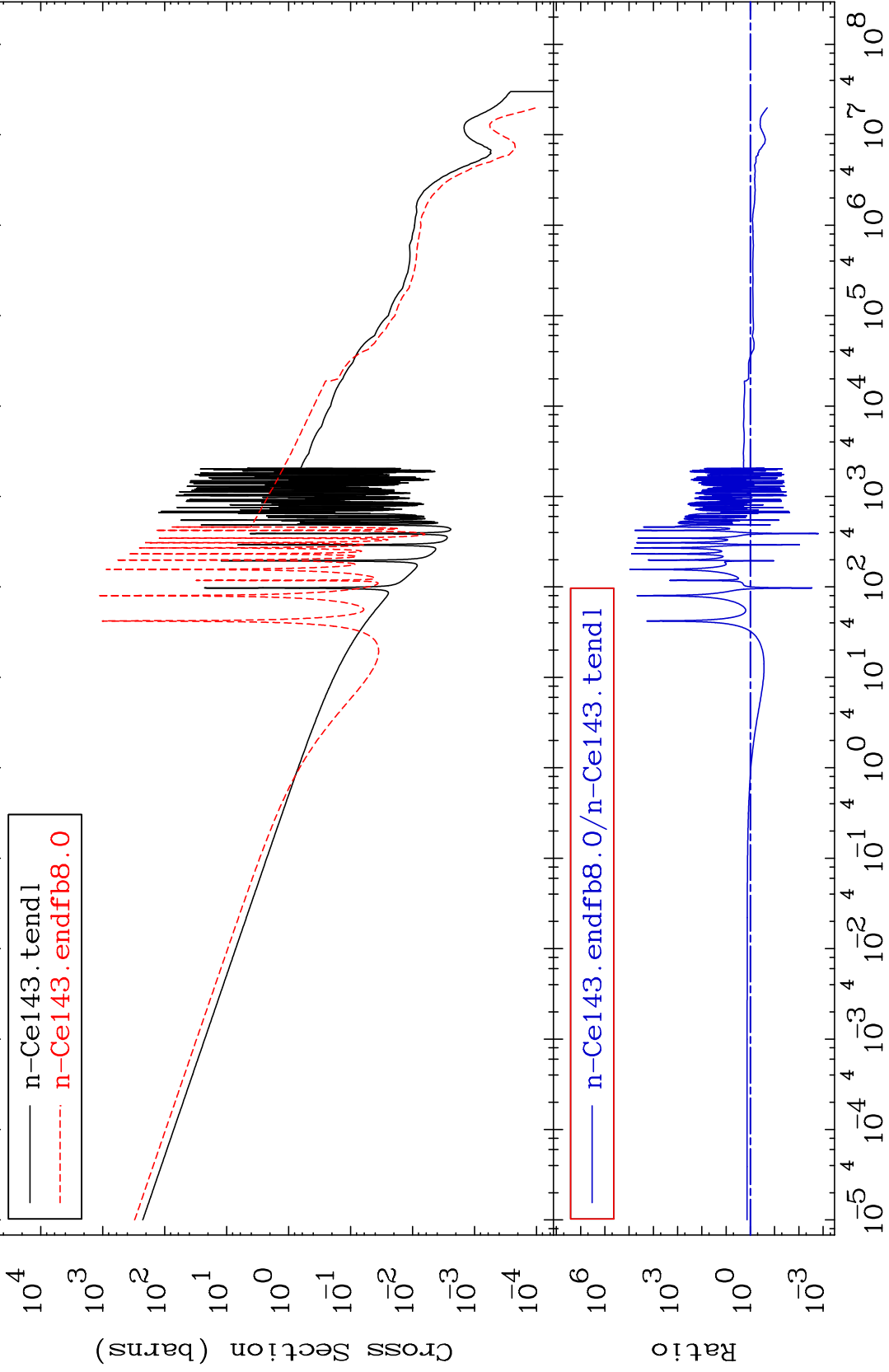
58-Ce-143
15.32 To 1271. %



MAT 5846

(n, γ)
Cross Section

58-Ce-143
-99.85 To 9999. %



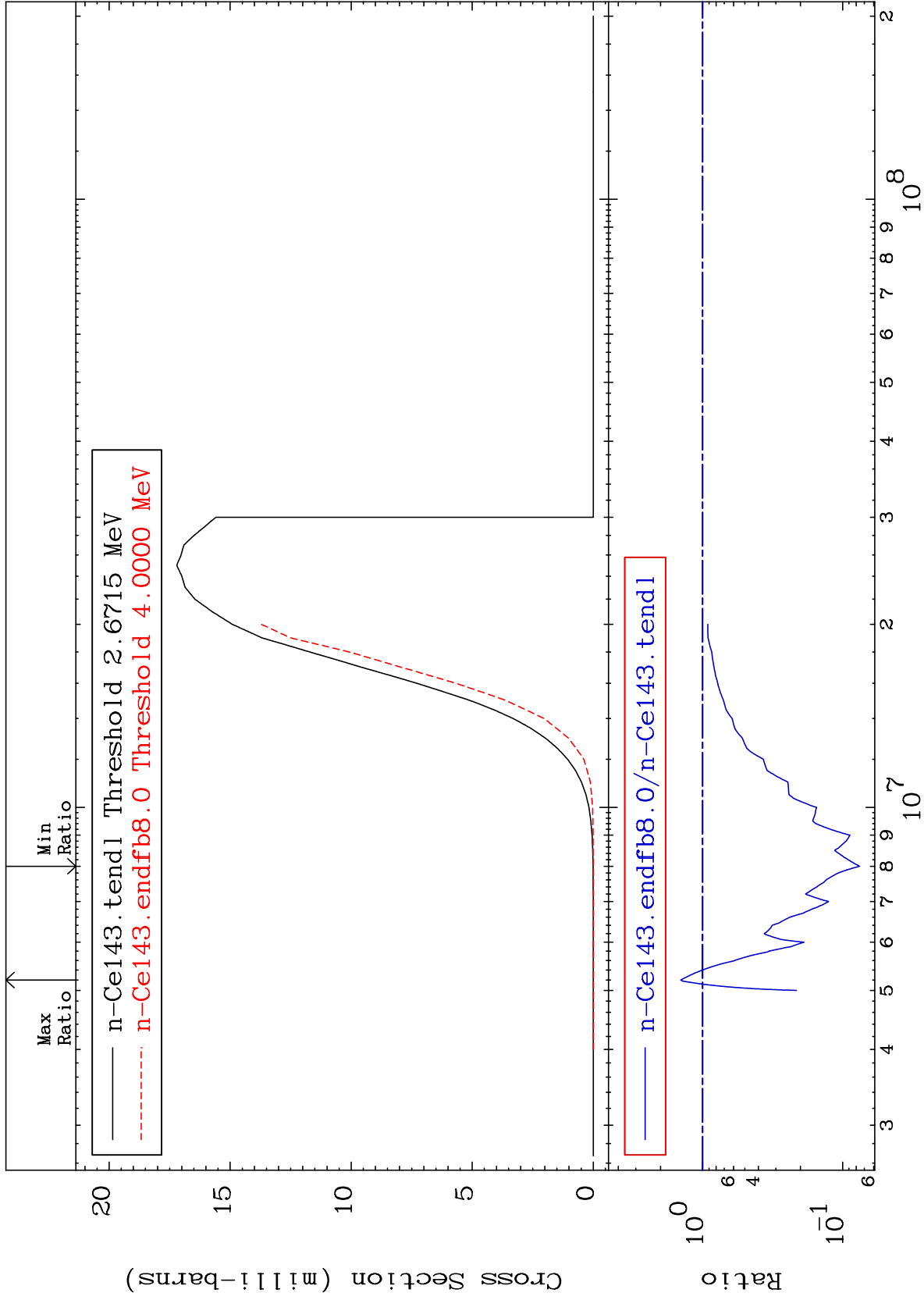
MAT 5846

(n,p)

58-Ce-143

Cross Section

-92.43 To 43.19 %



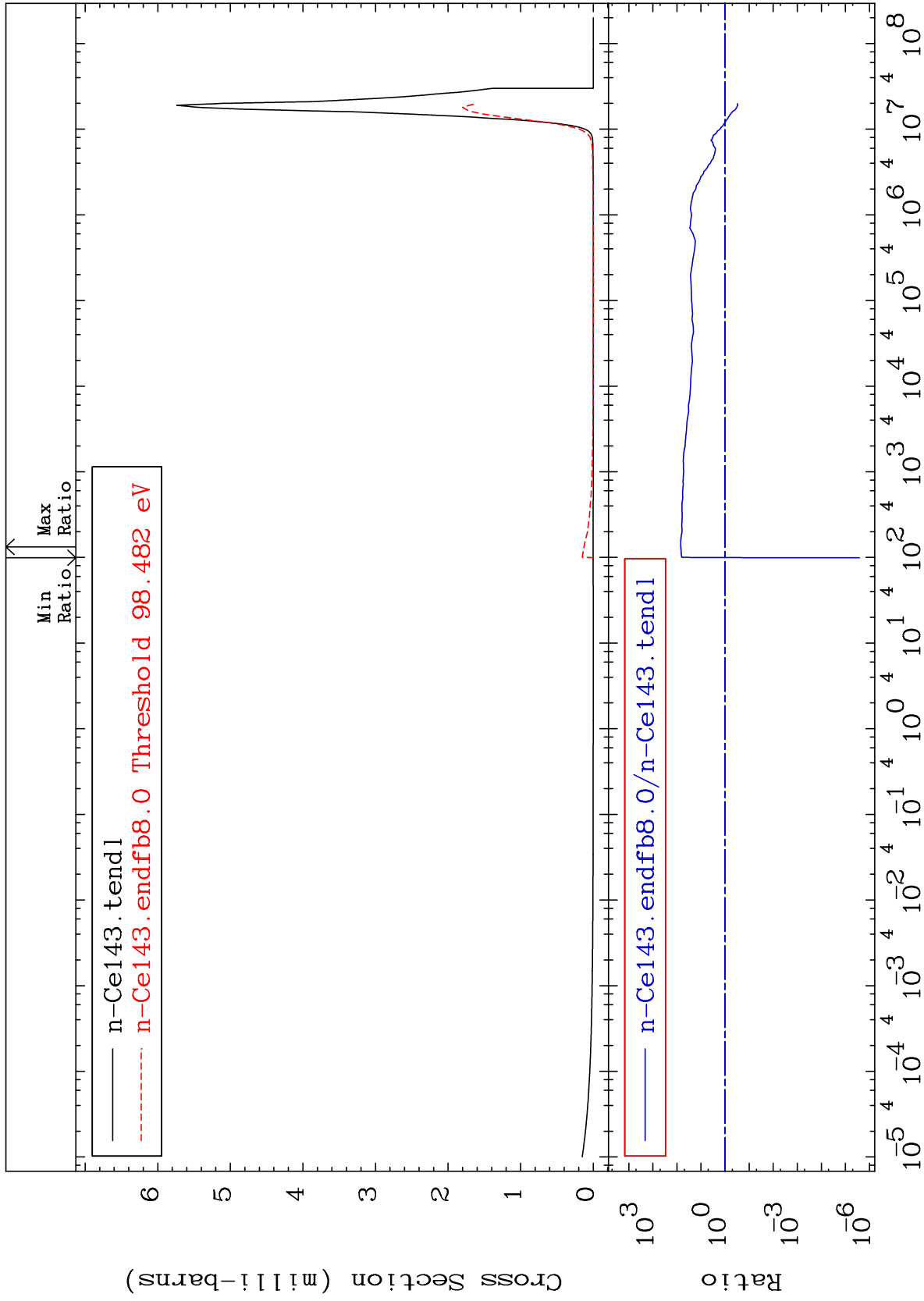
MAT 5846

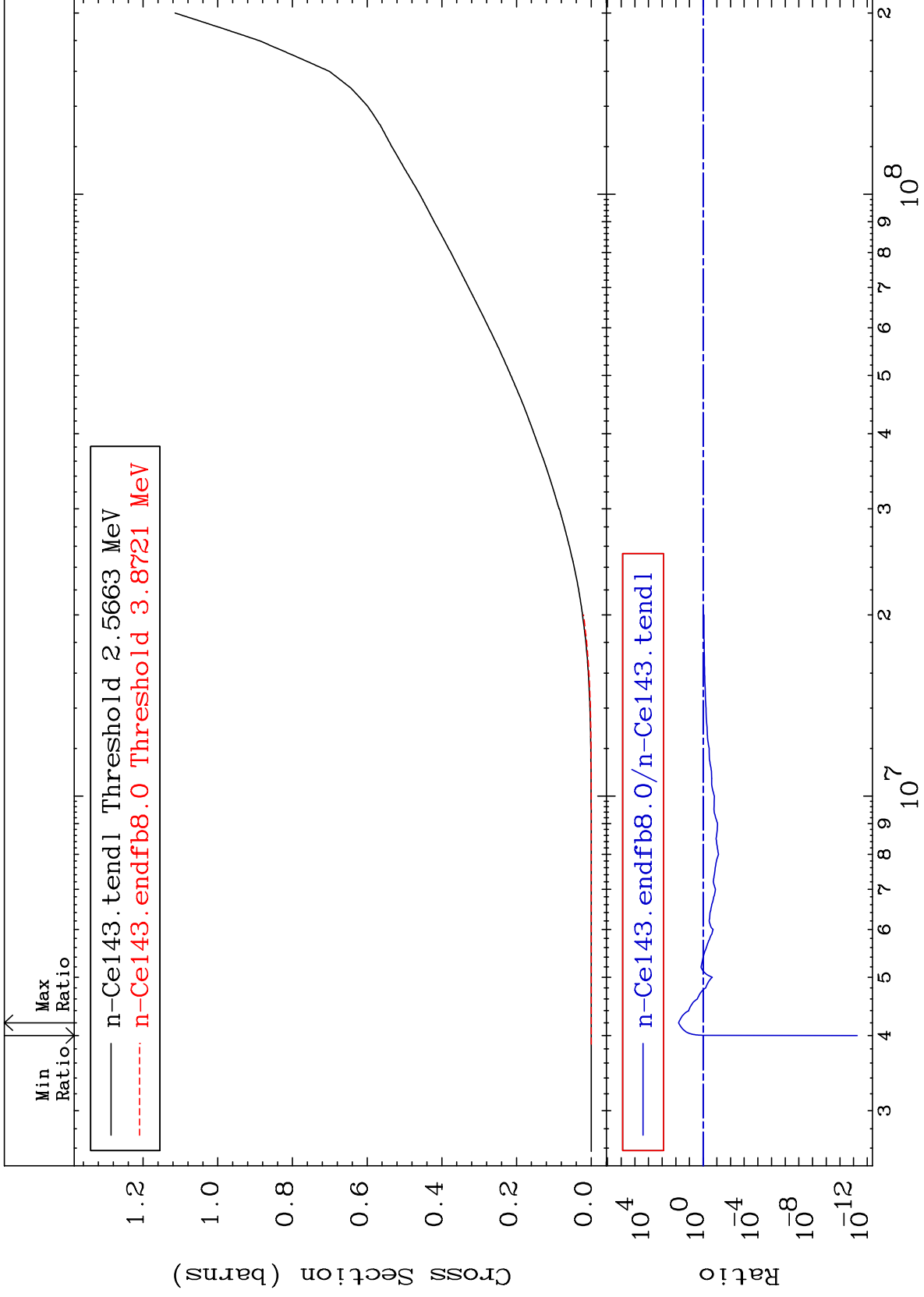
(n, α)

58-Ce-143

Cross Section

-100.0 To 6836. %

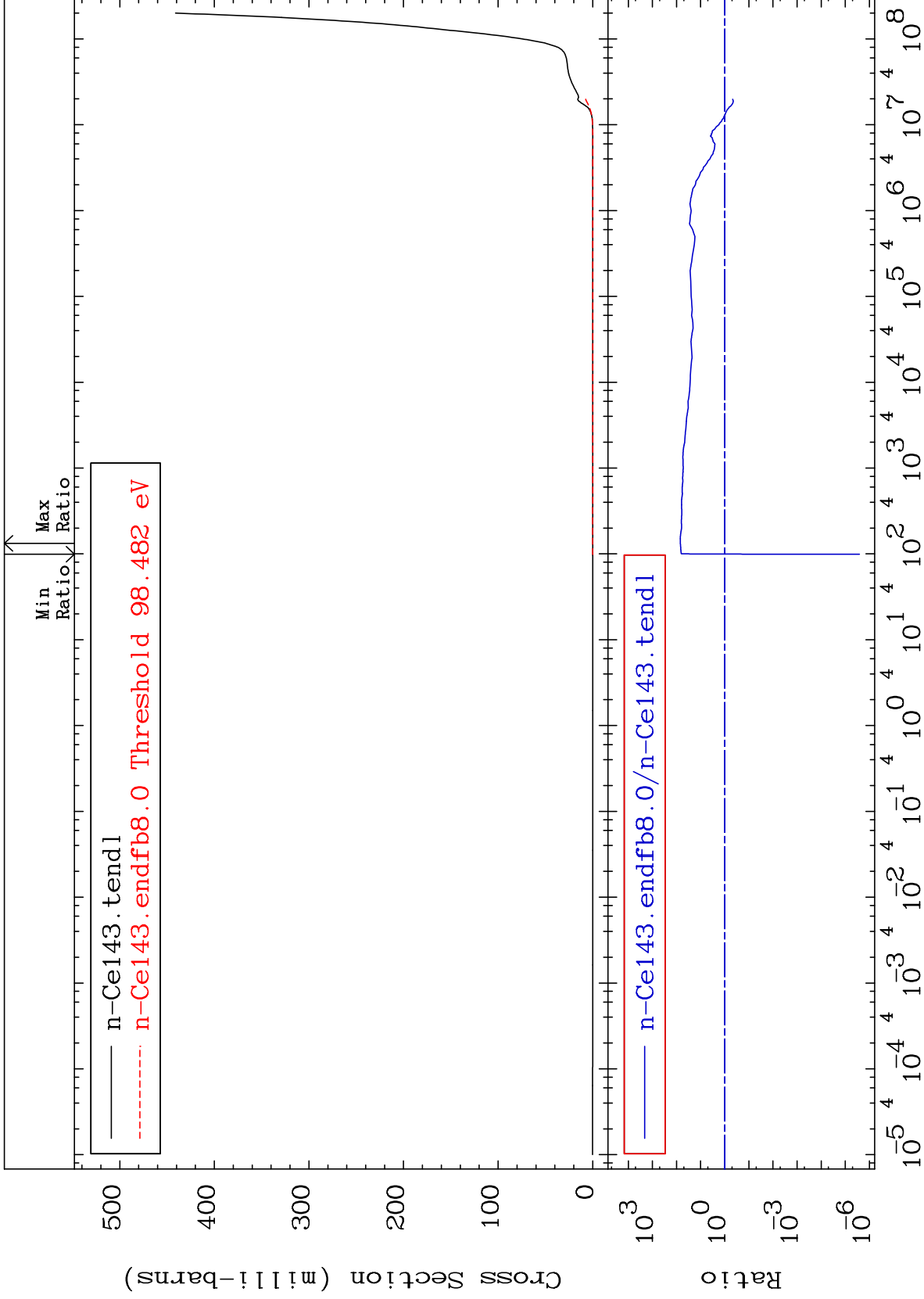


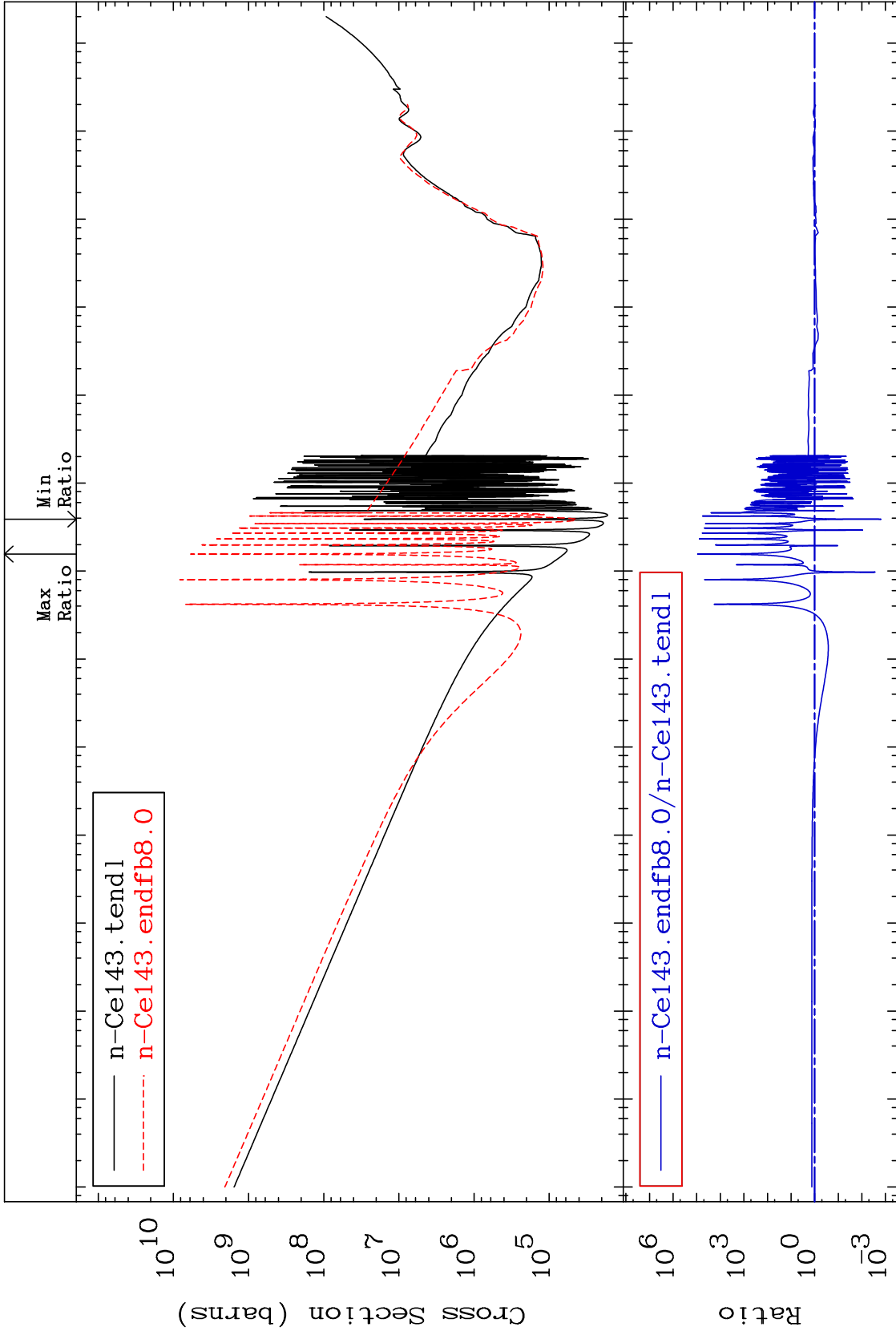


MAT 5846

He-4 Production
Cross Section

58-Ce-143
-100.0 To 6836. %

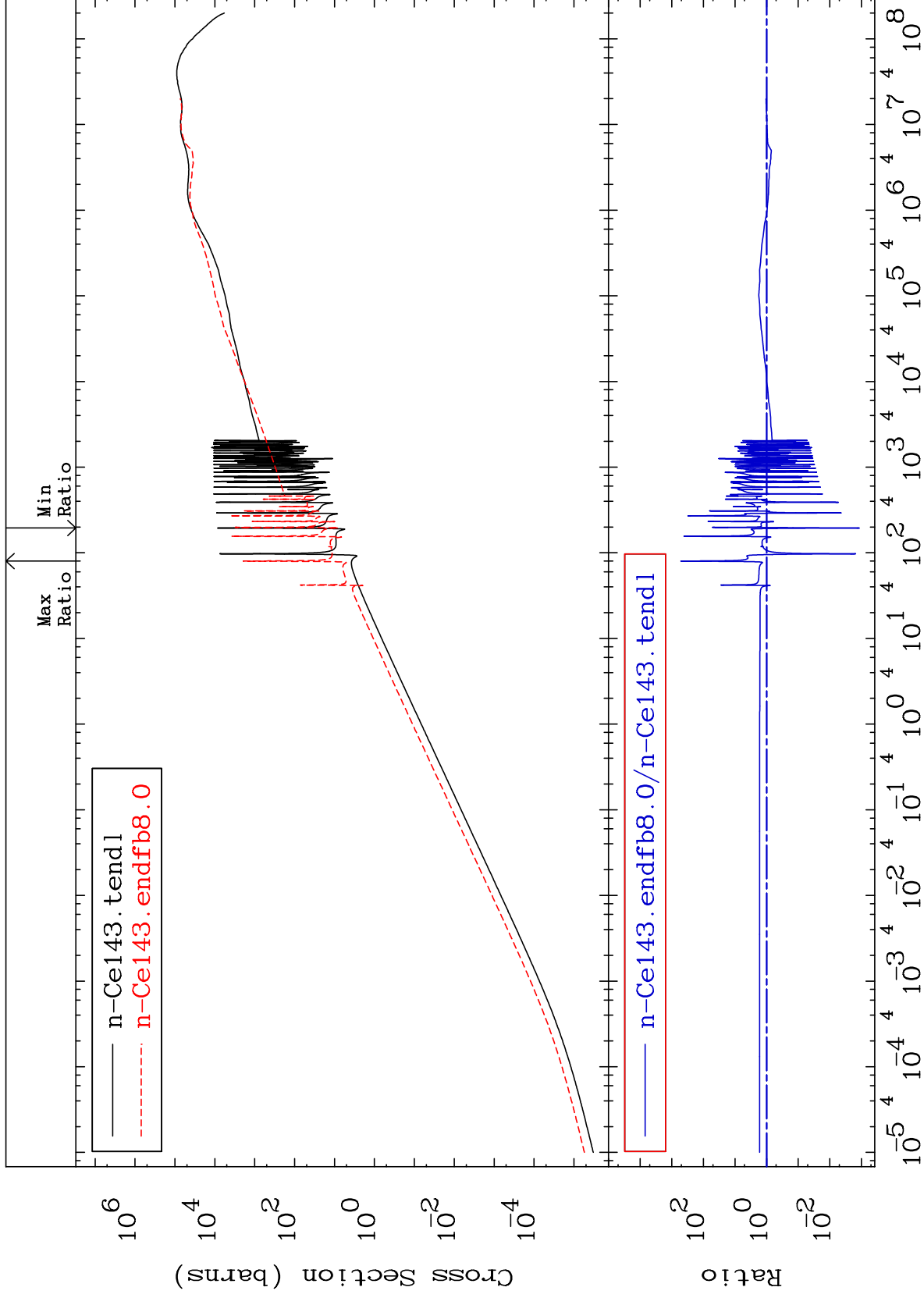


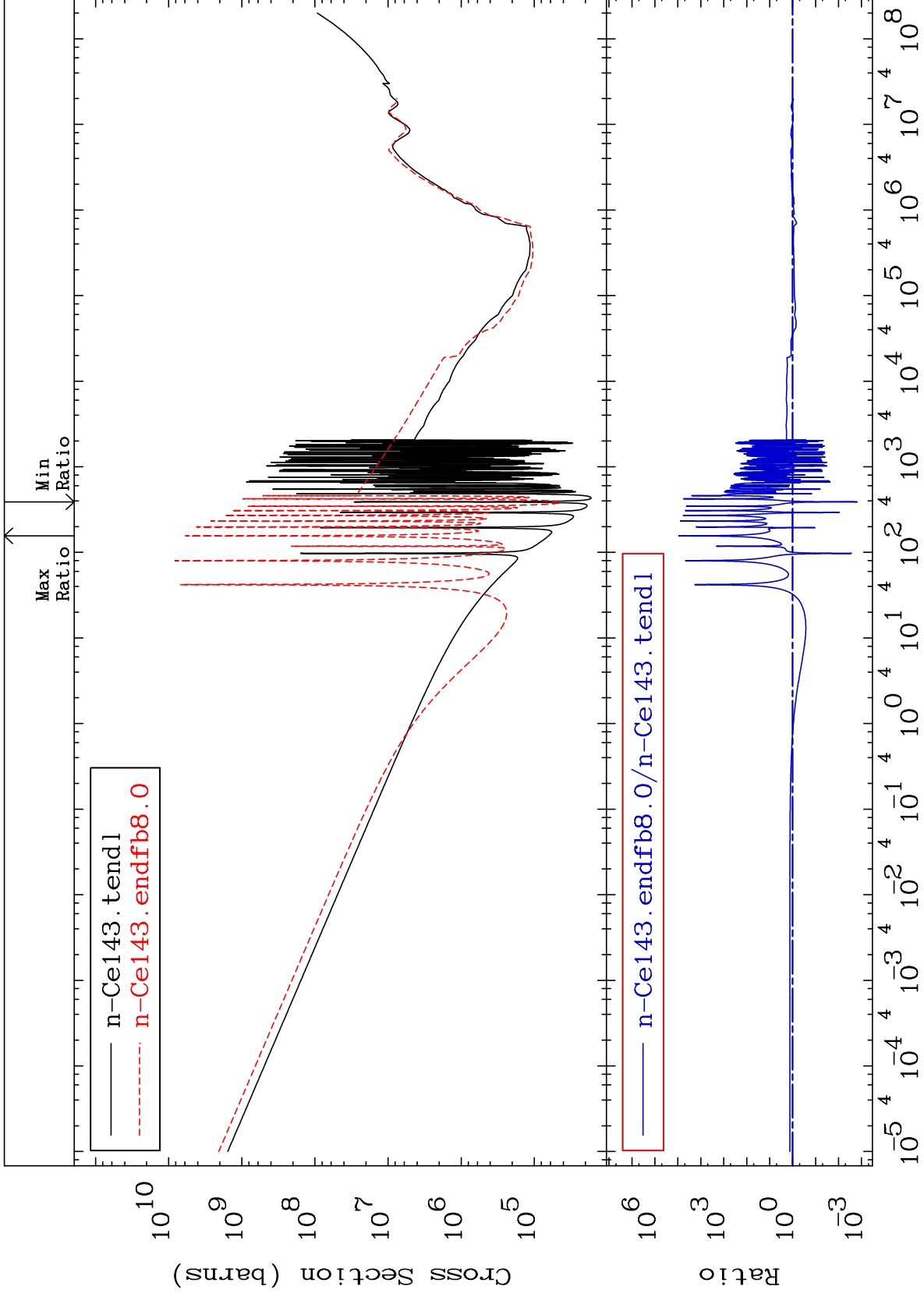


MAT 5846

Kerma elastic
Cross Section

58-Ce-143
-99.89 To 9999. %

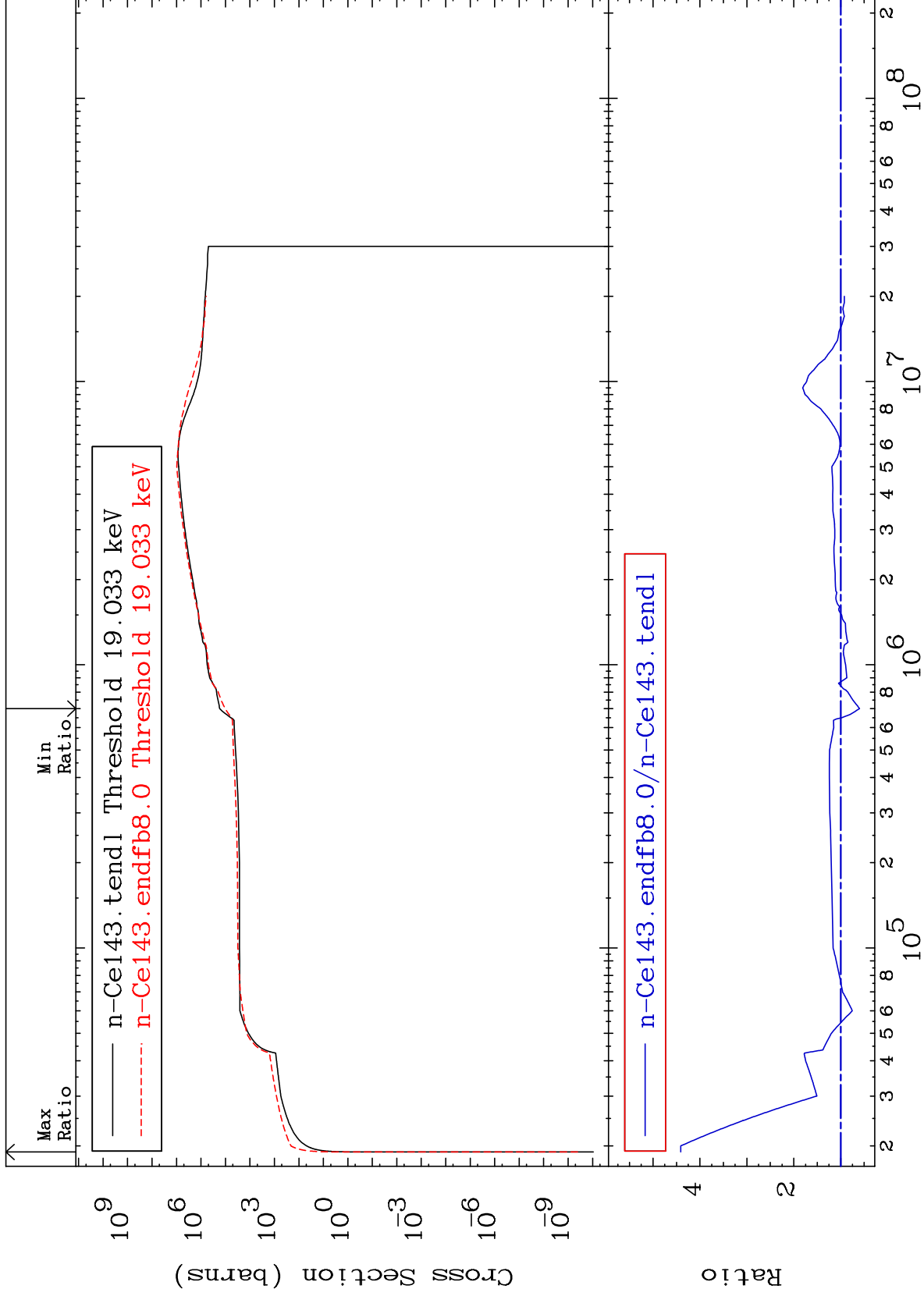




MAT 5846

Kerma inelastic (mt51-91)
Cross Section

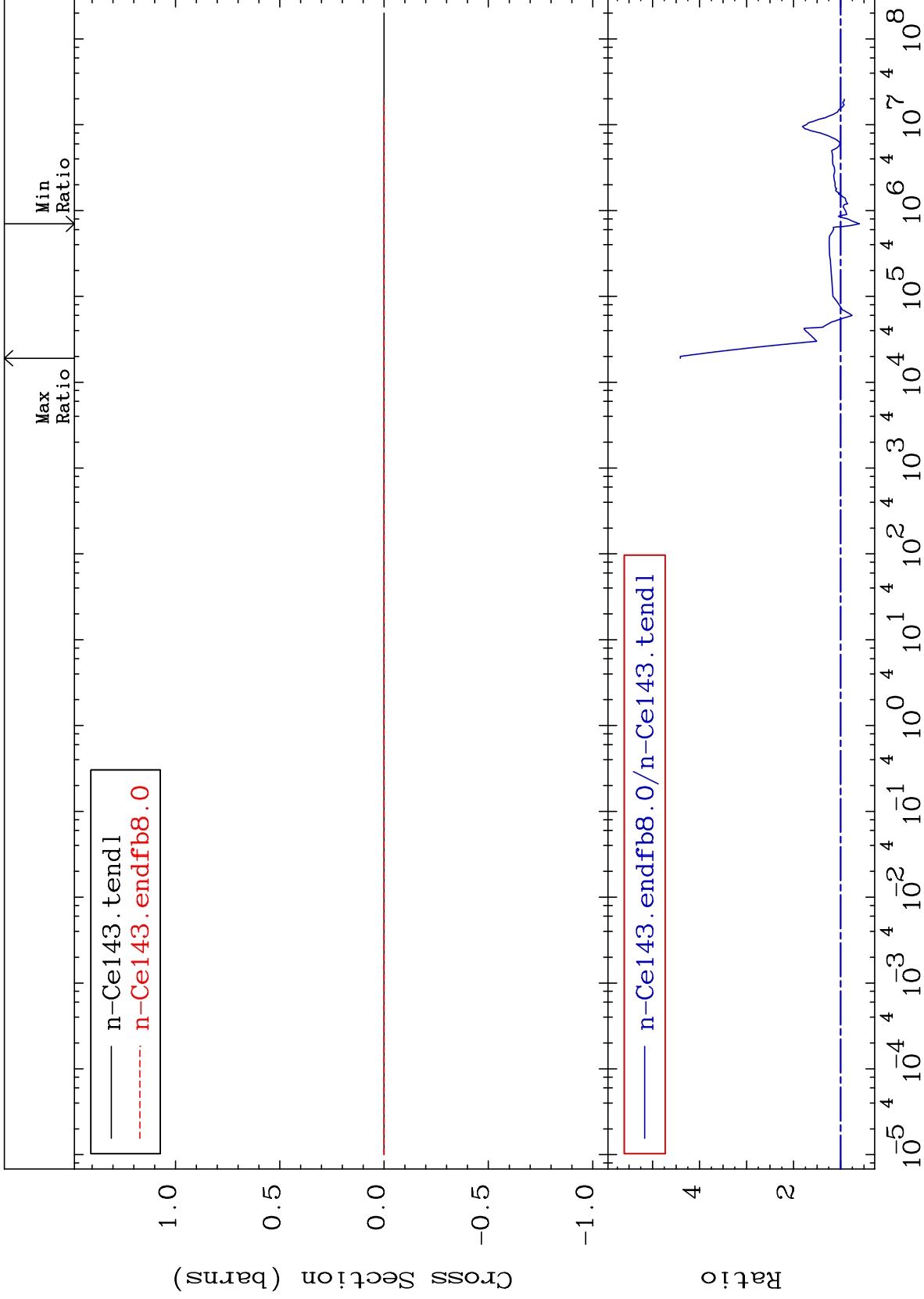
58-Ce-143
-40.07 To 340.8 %



MAT 5846

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

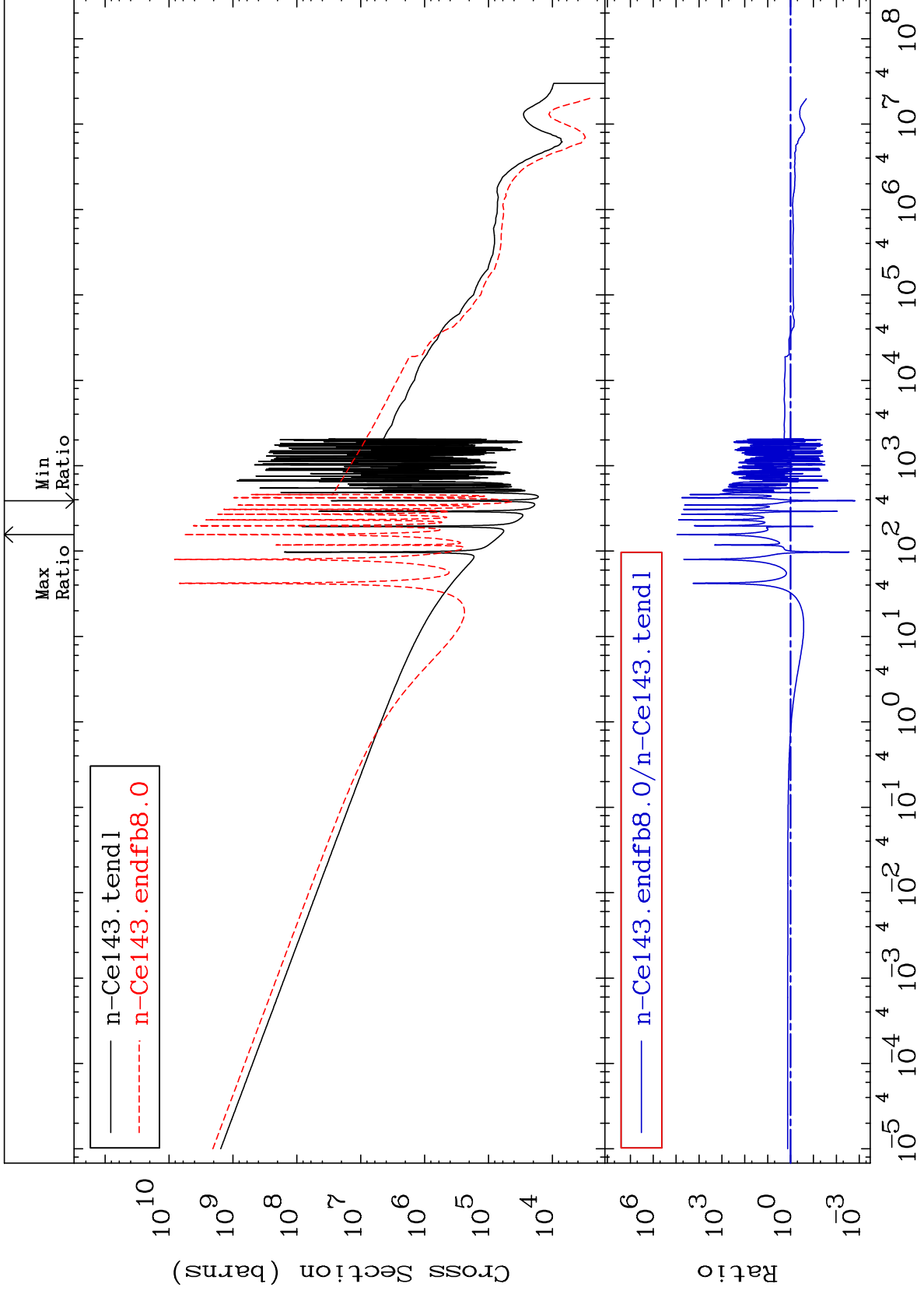
58-Ce-143
-40.07 To 340.8 %



MAT 5846

Kerma capture (mt102)
Cross Section

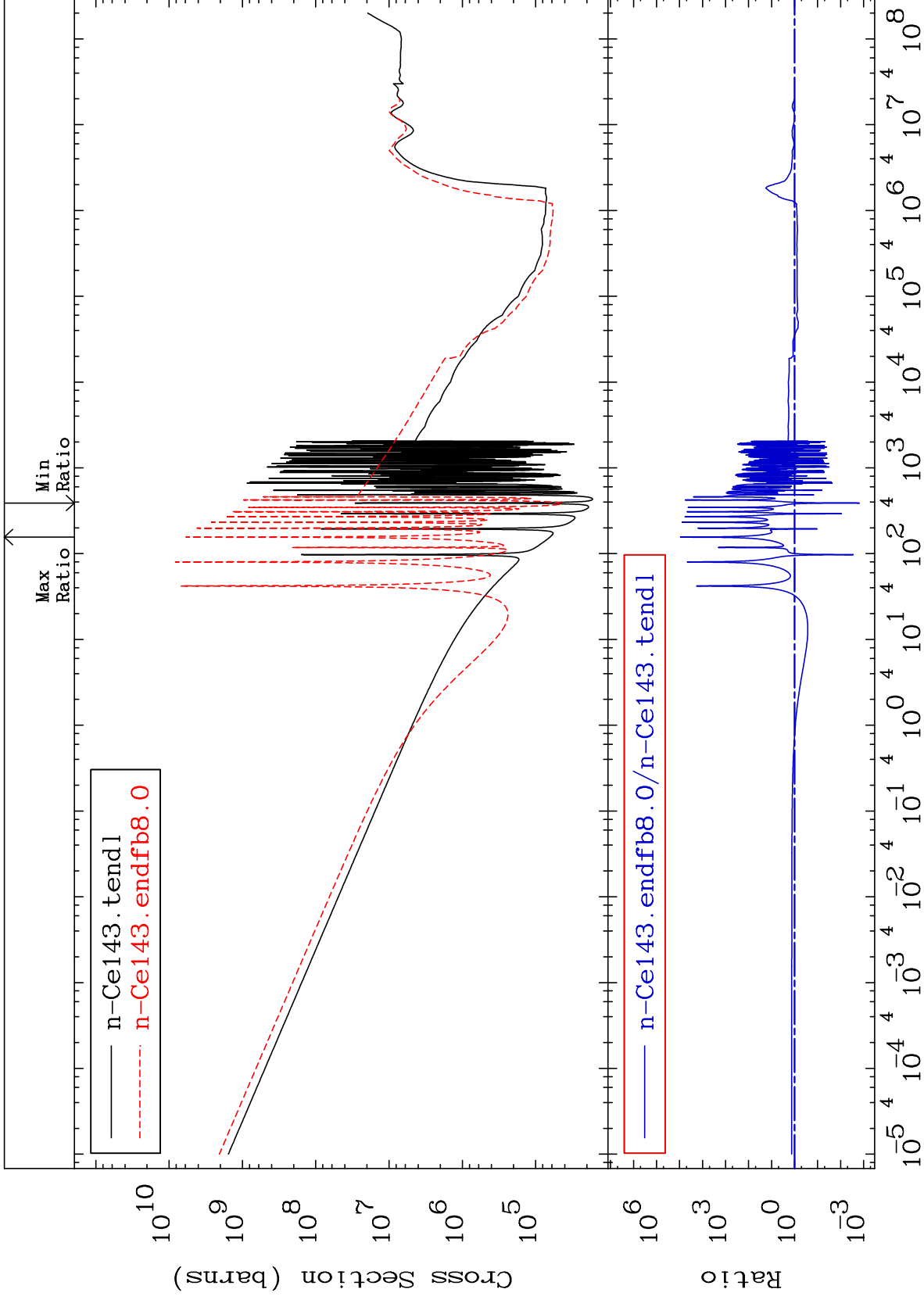
58-Ce-143
-99.85 To 9999. %

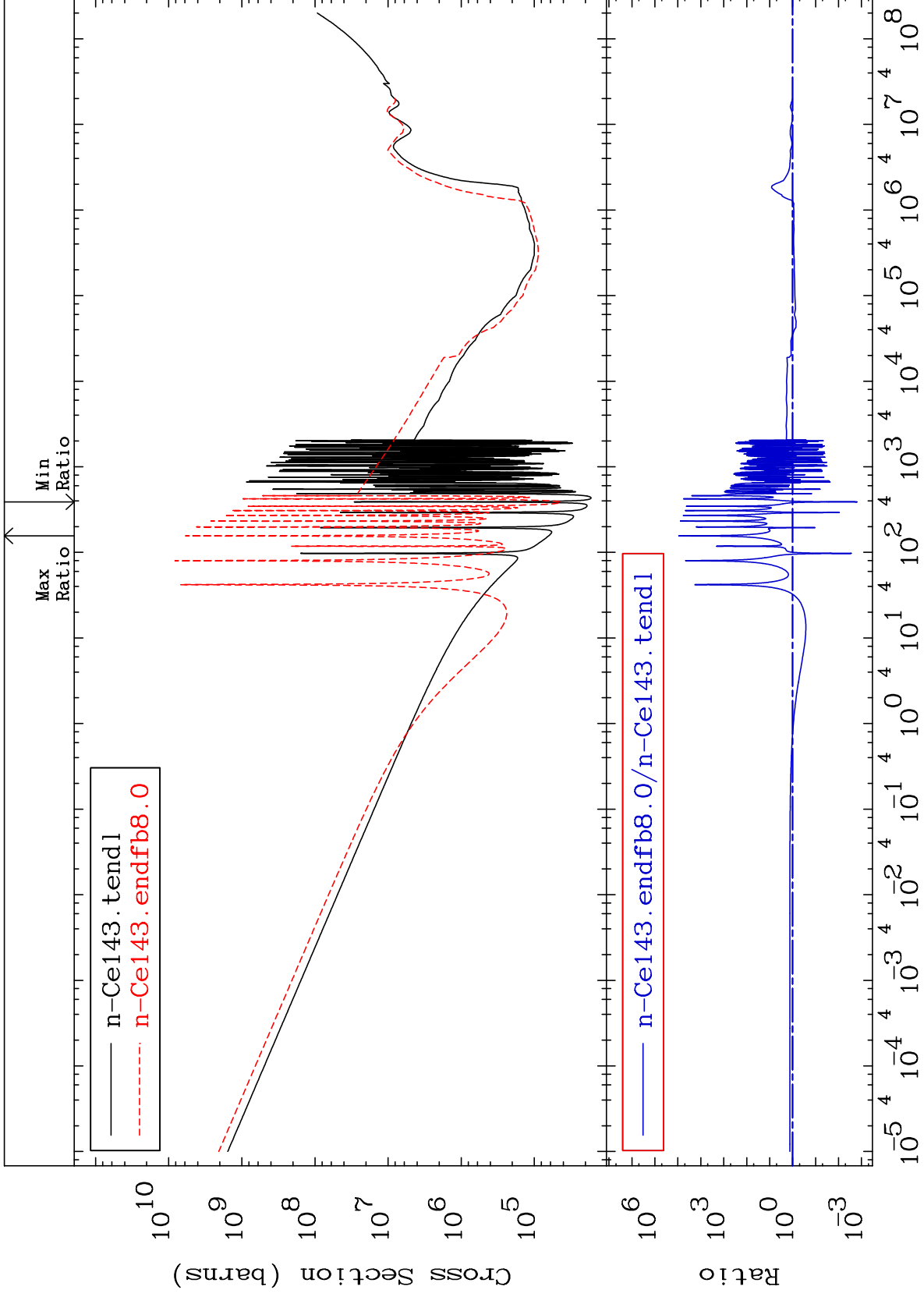


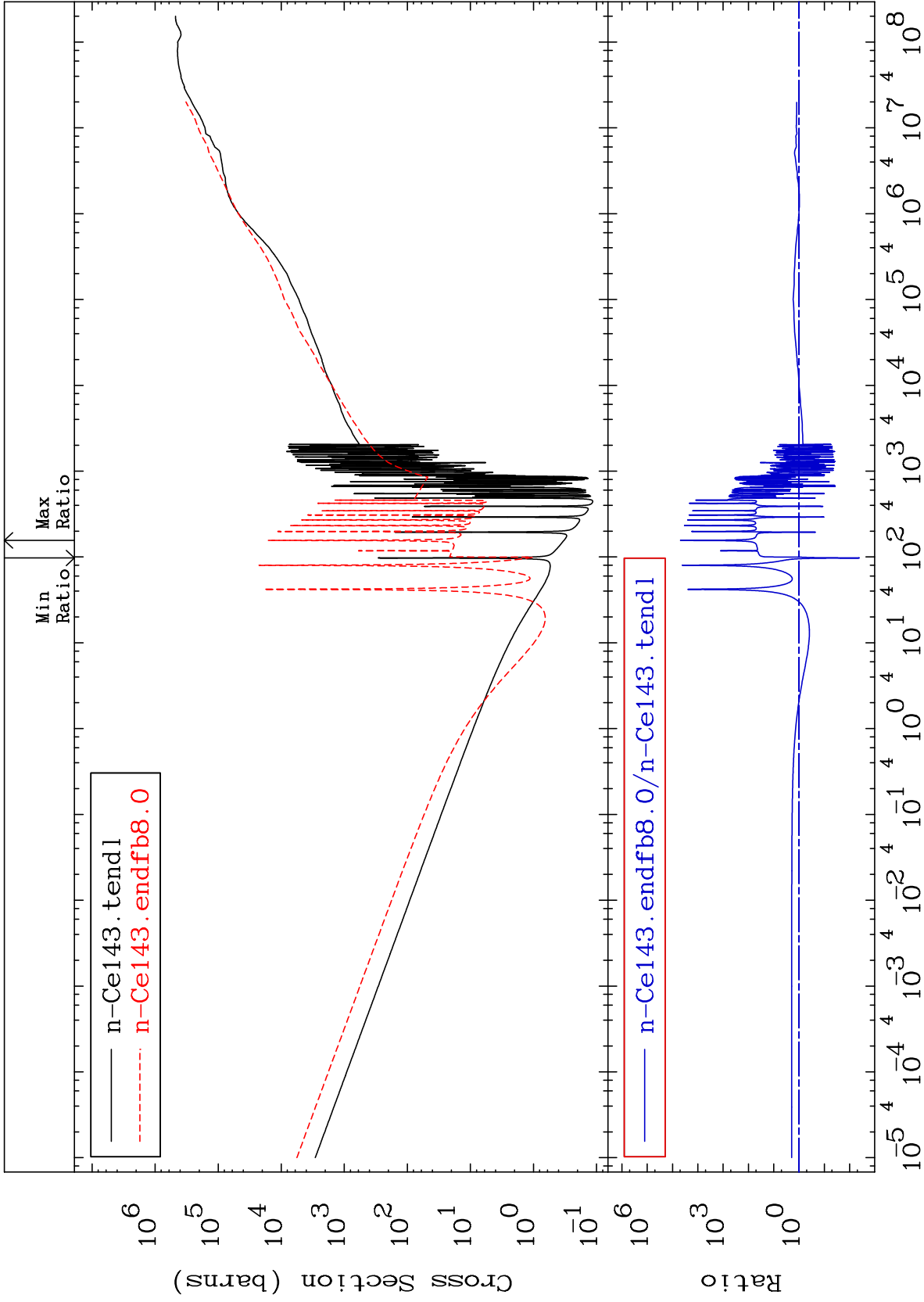
35

Incident Energy (eV)

58-Ce-143



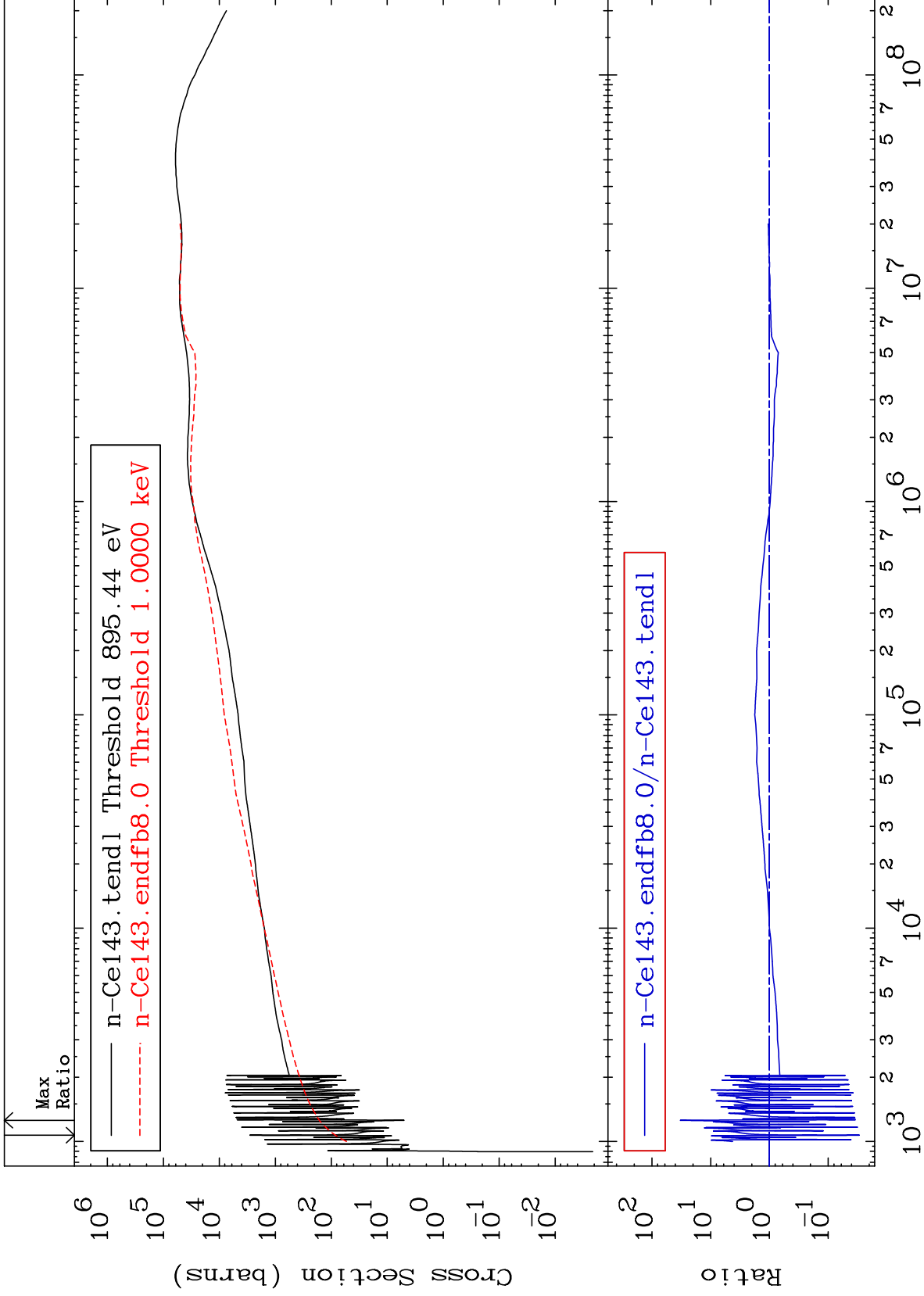




MAT 5846

Dpa elastic (mt2)
Cross Section

58-Ce-143
-97.06 To 3182. %



39

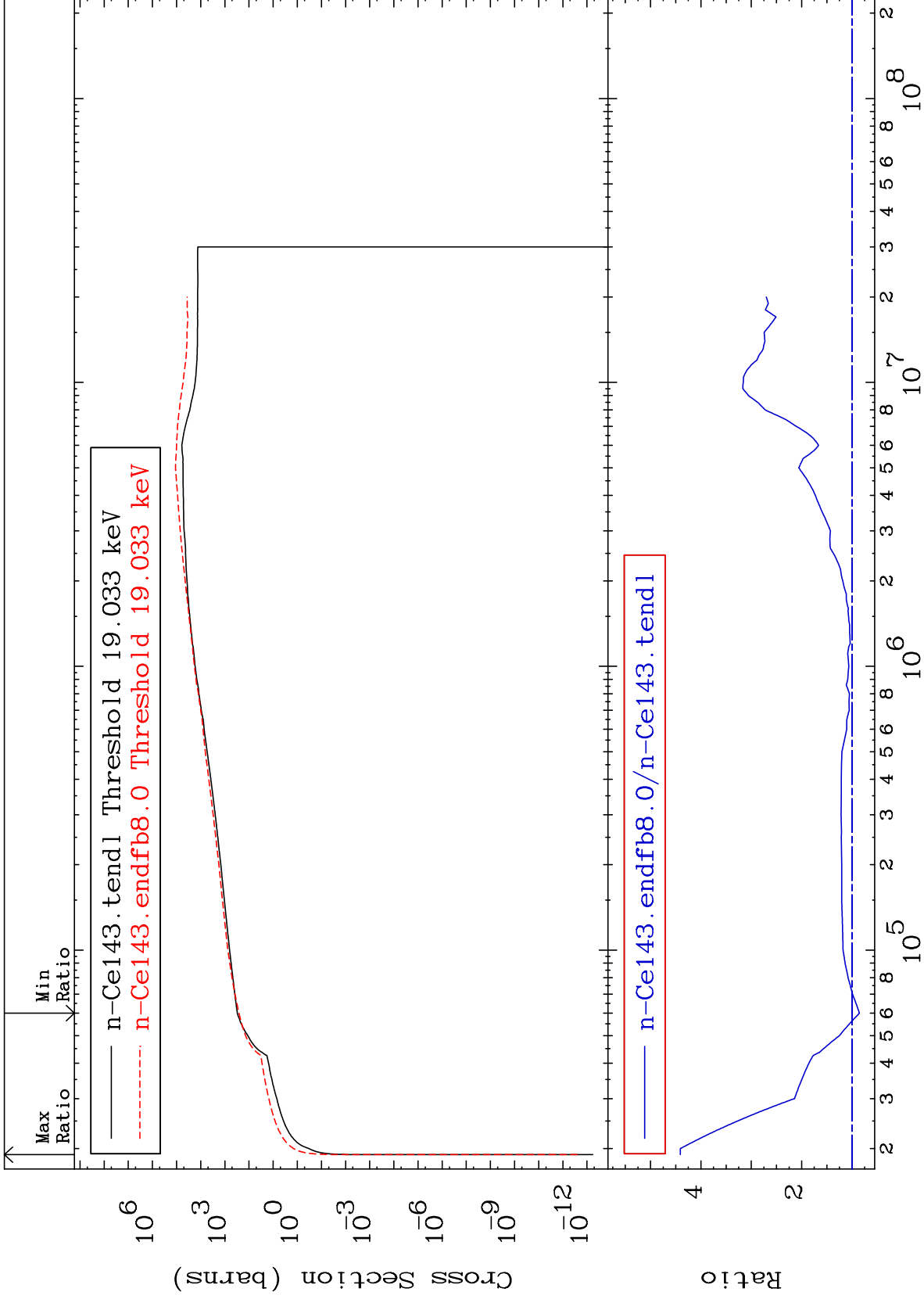
Incident Energy (eV)

58-Ce-143

MAT 5846

Dpa inelastic (mt51-91)
Cross Section

58-Ce-143
-14.71 To 340.8 %



40

Incident Energy (eV)

58-Ce-143

