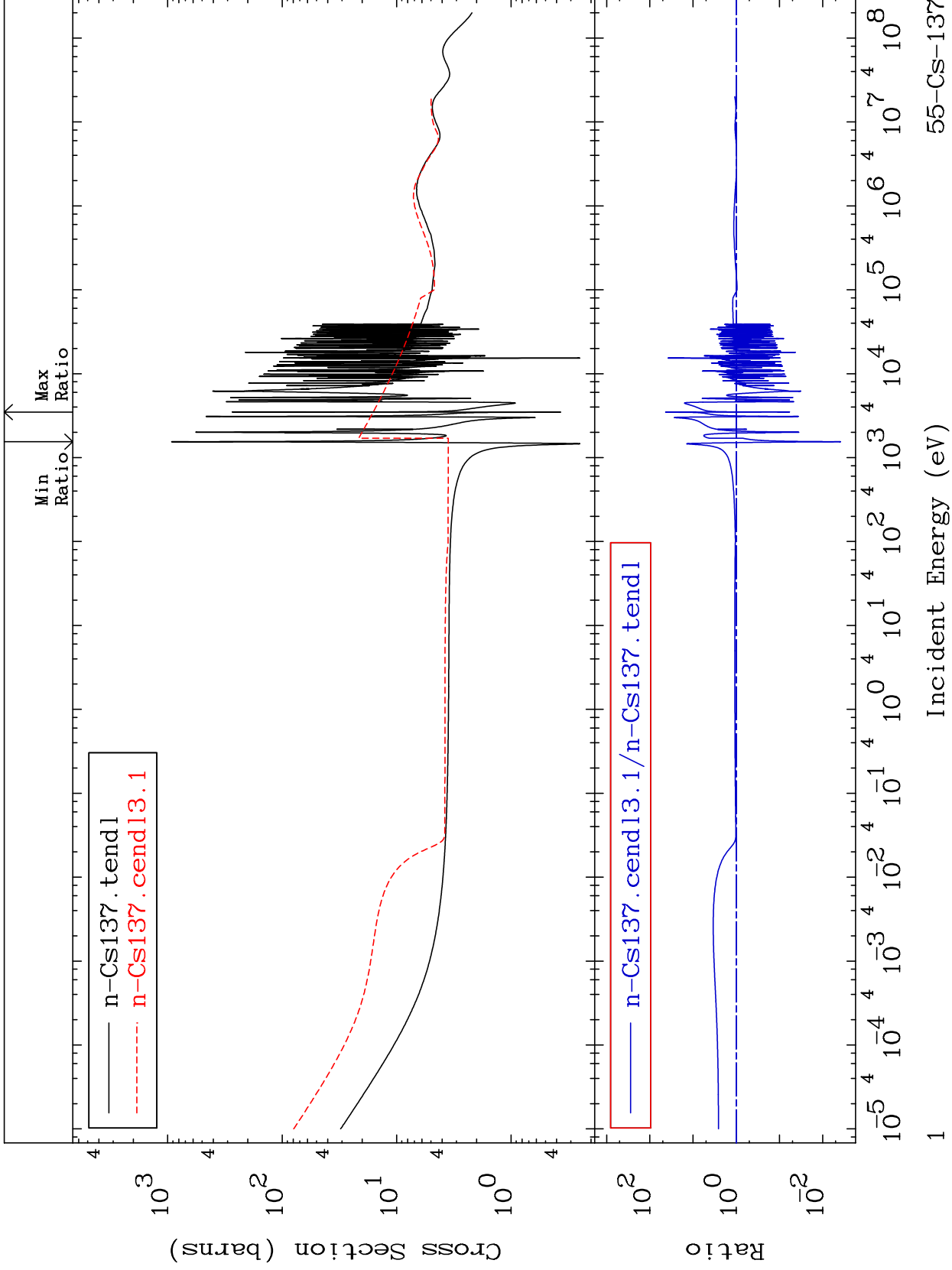


MAT 5537

Total
Cross Section

55-Cs-137
-99.62 To 4237. %



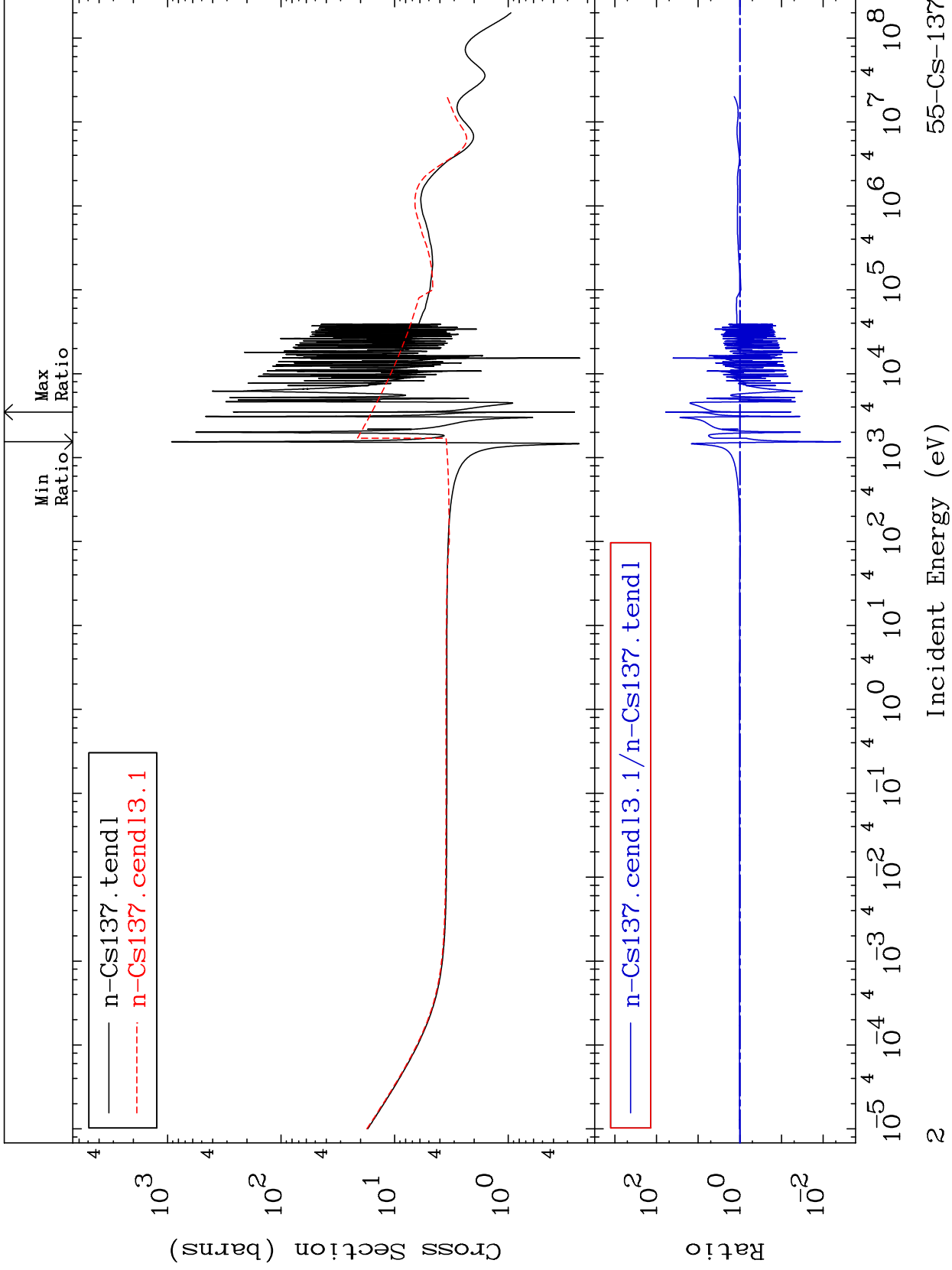
Incident Energy (eV)

55-Cs-137

MAT 5537

Elastic
Cross Section

55-Cs-137
-99.62 To 5975. %



55-Cs-137

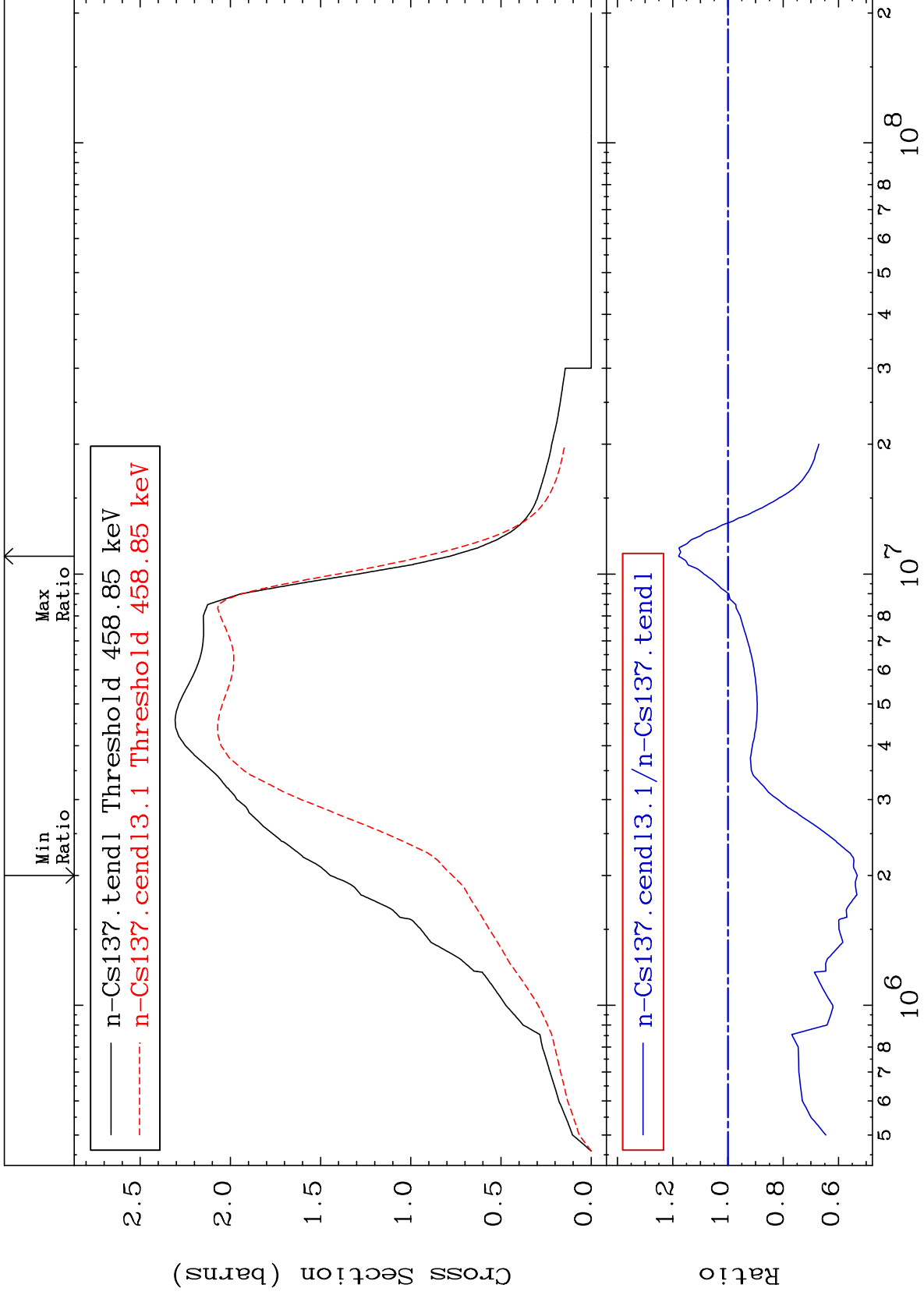
Incident Energy (eV)

2

MAT 5537

Inelastic
Cross Section

55-Cs-137
-46.77 To 17.86 %



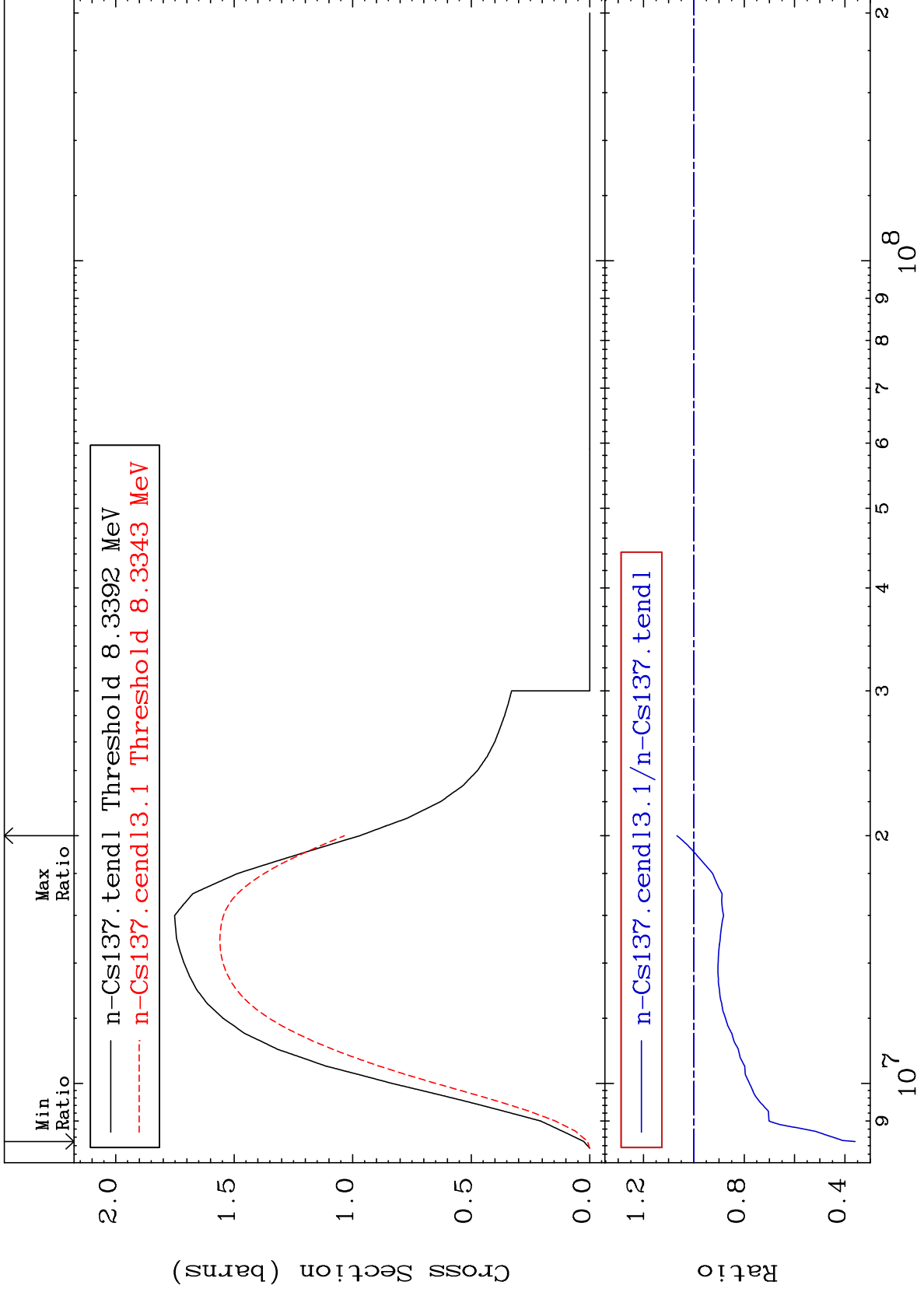
MAT 5537

(n,2n)

55-Cs-137

Cross Section

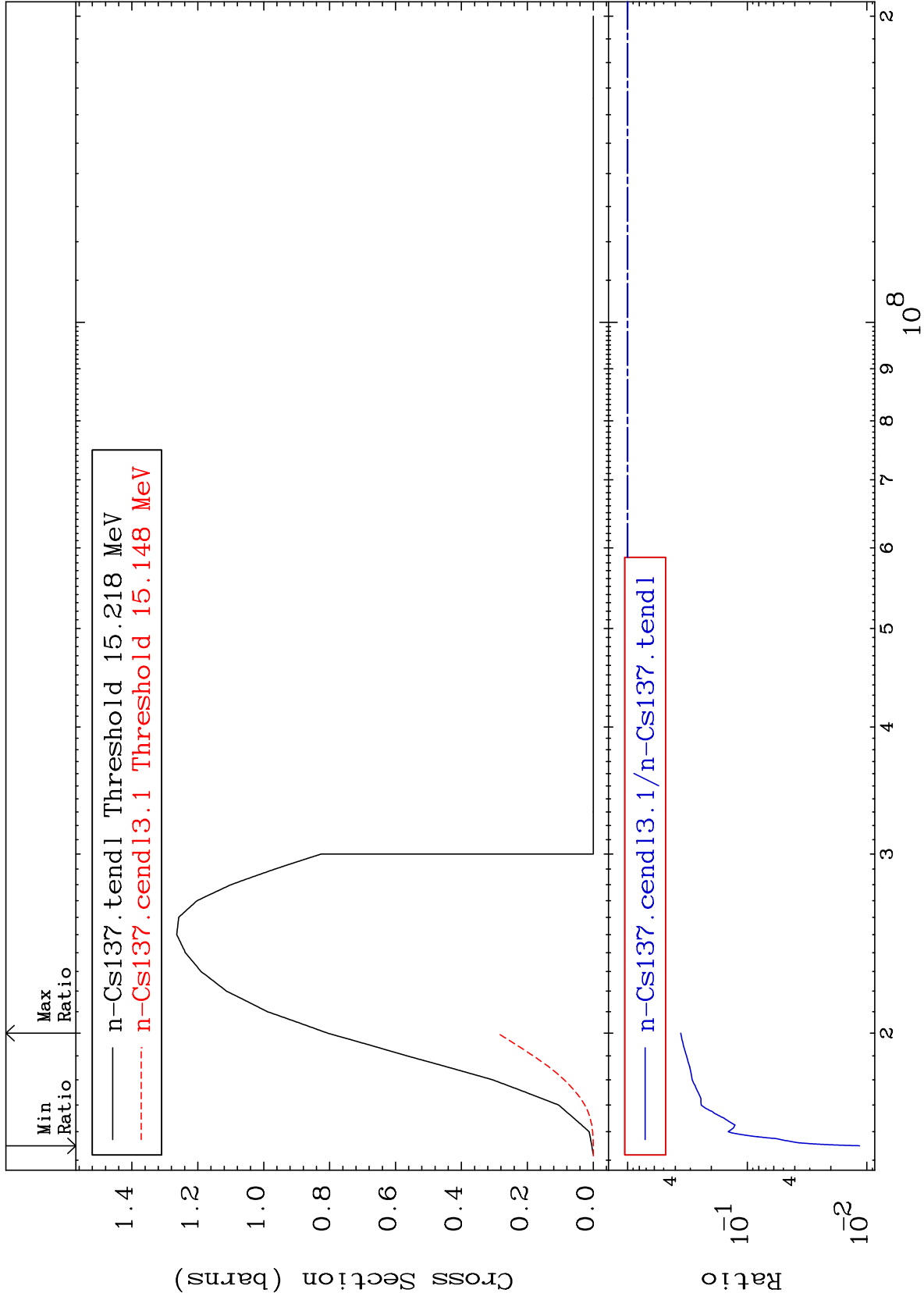
-64.01 To 6.710 %



Incident Energy (eV)

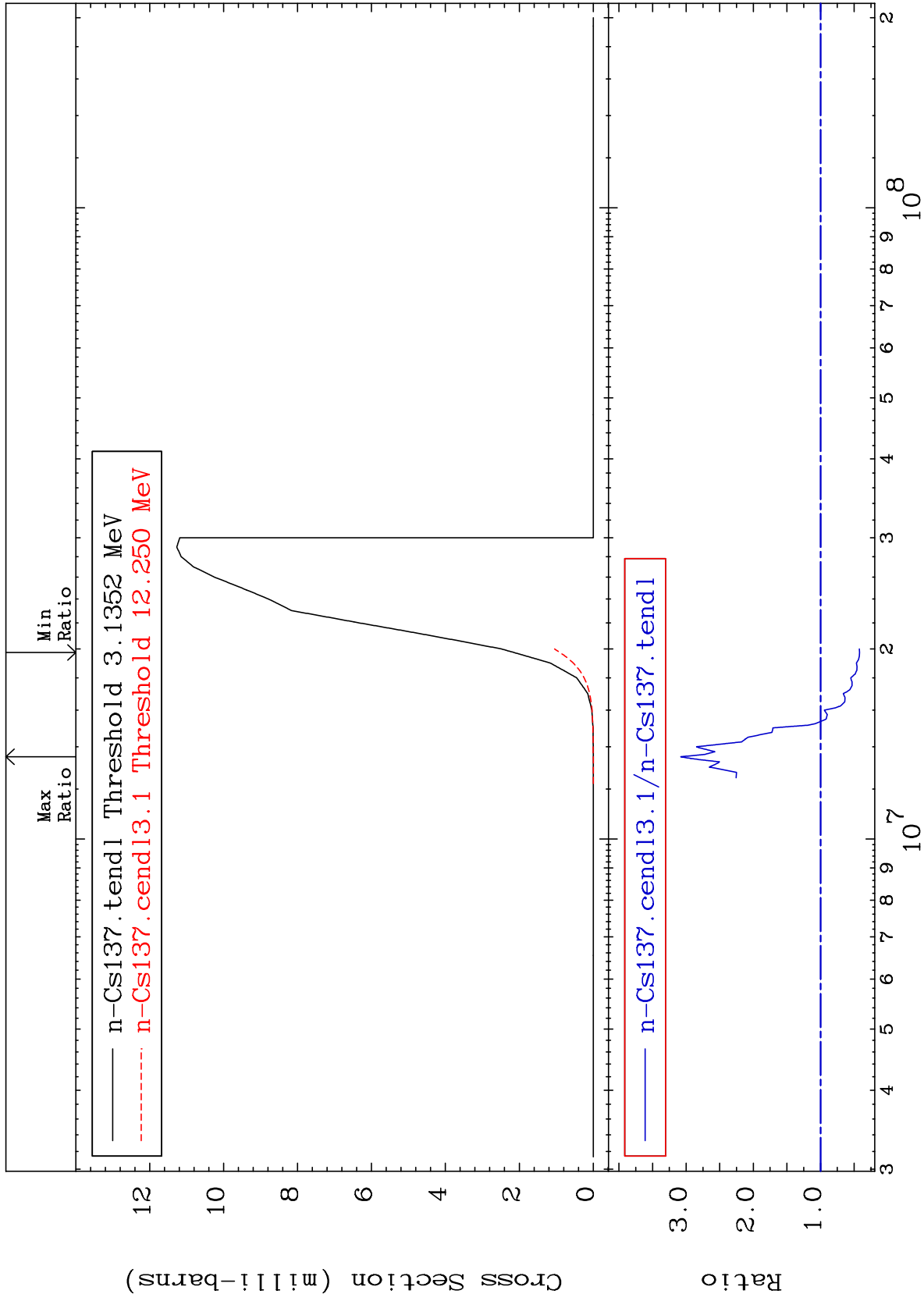
55-Cs-137

4



Cross Section

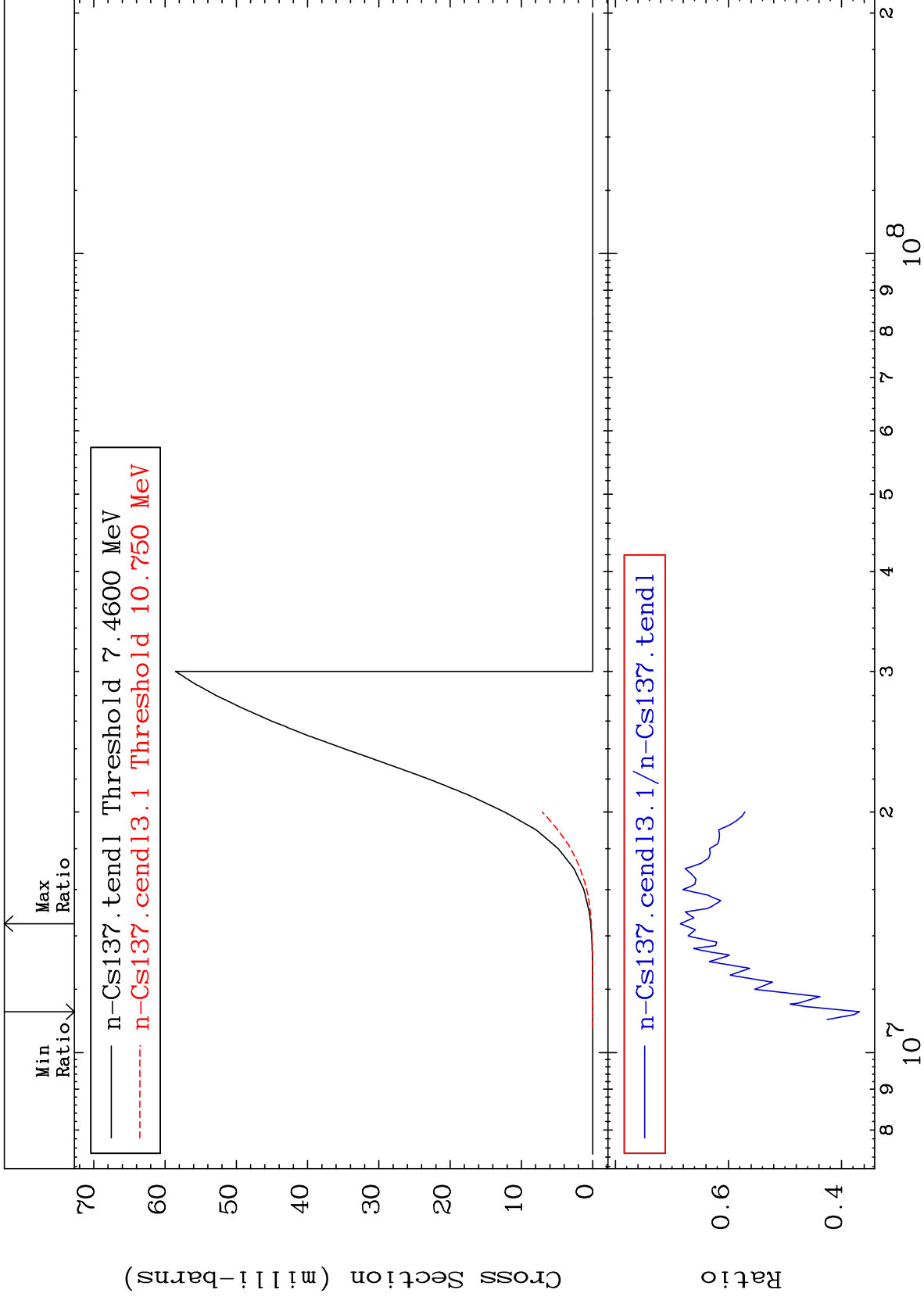
-58.08 To 208.0 %



MAT 5537

(n,n') p
Cross Section

55-Cs-137
-63.16 To -31.48%



7

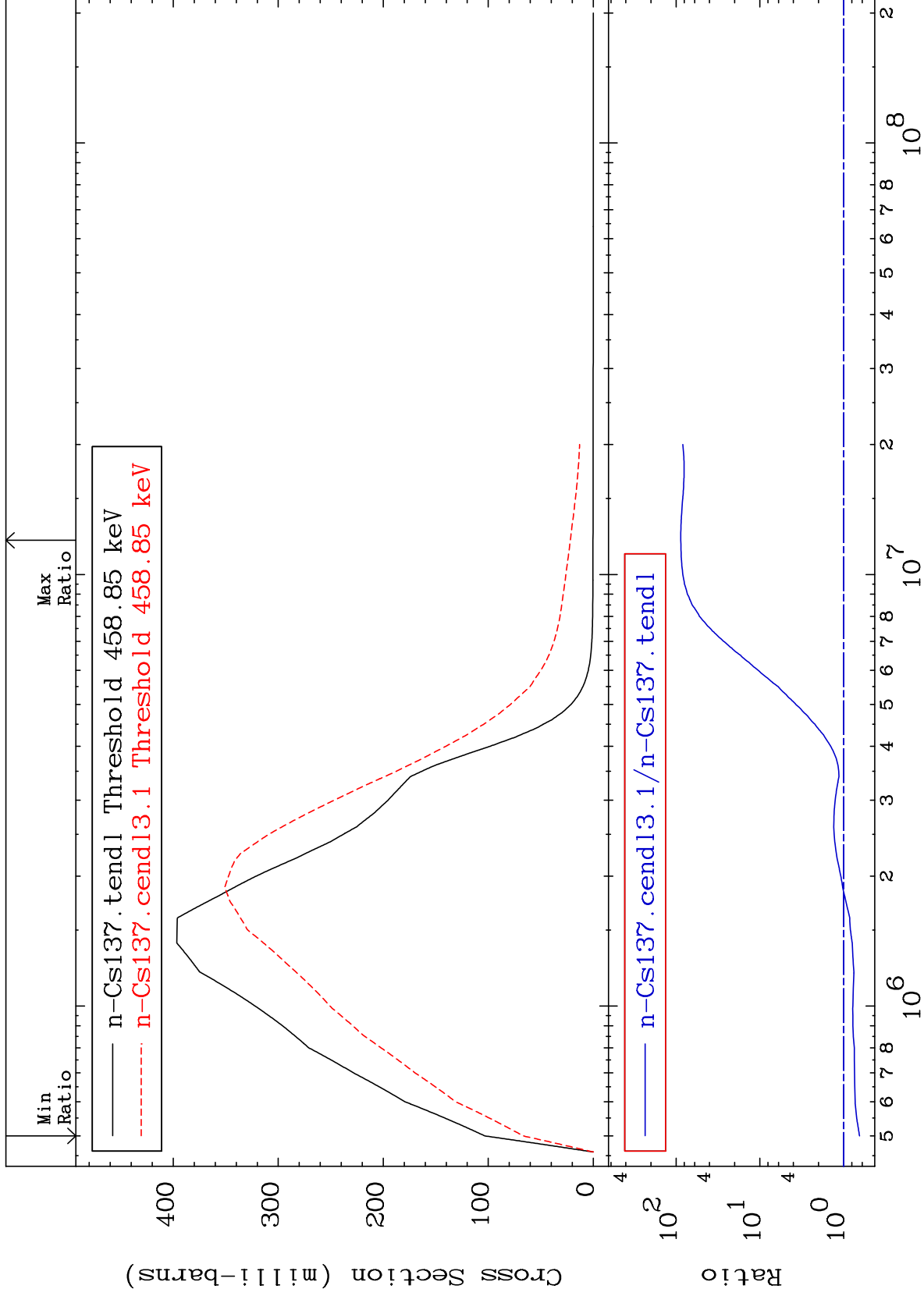
Incident Energy (eV)

55-Cs-137

MAT 5537

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

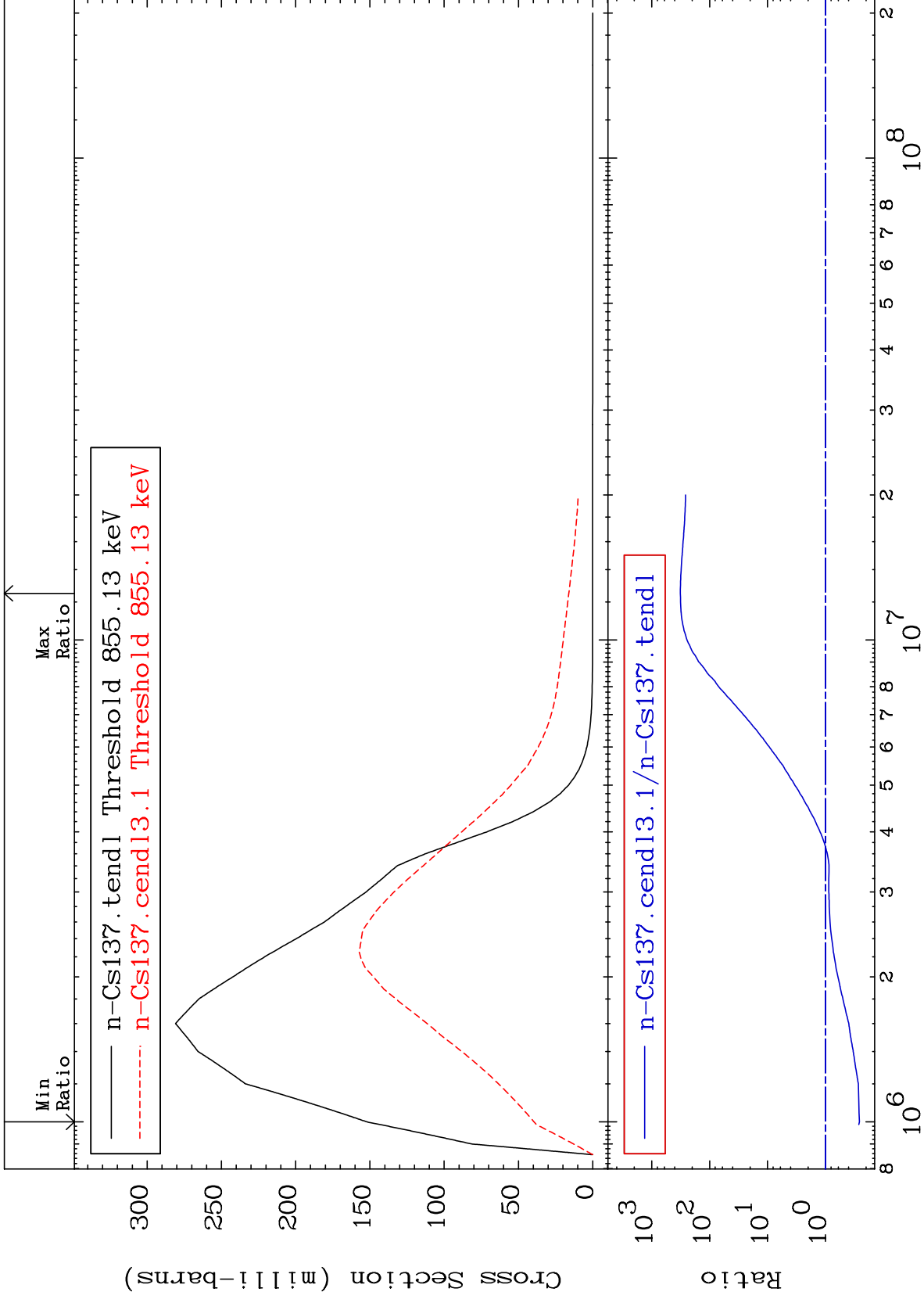
55-Cs-137
-35.38 To 8715. %



MAT 5537

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

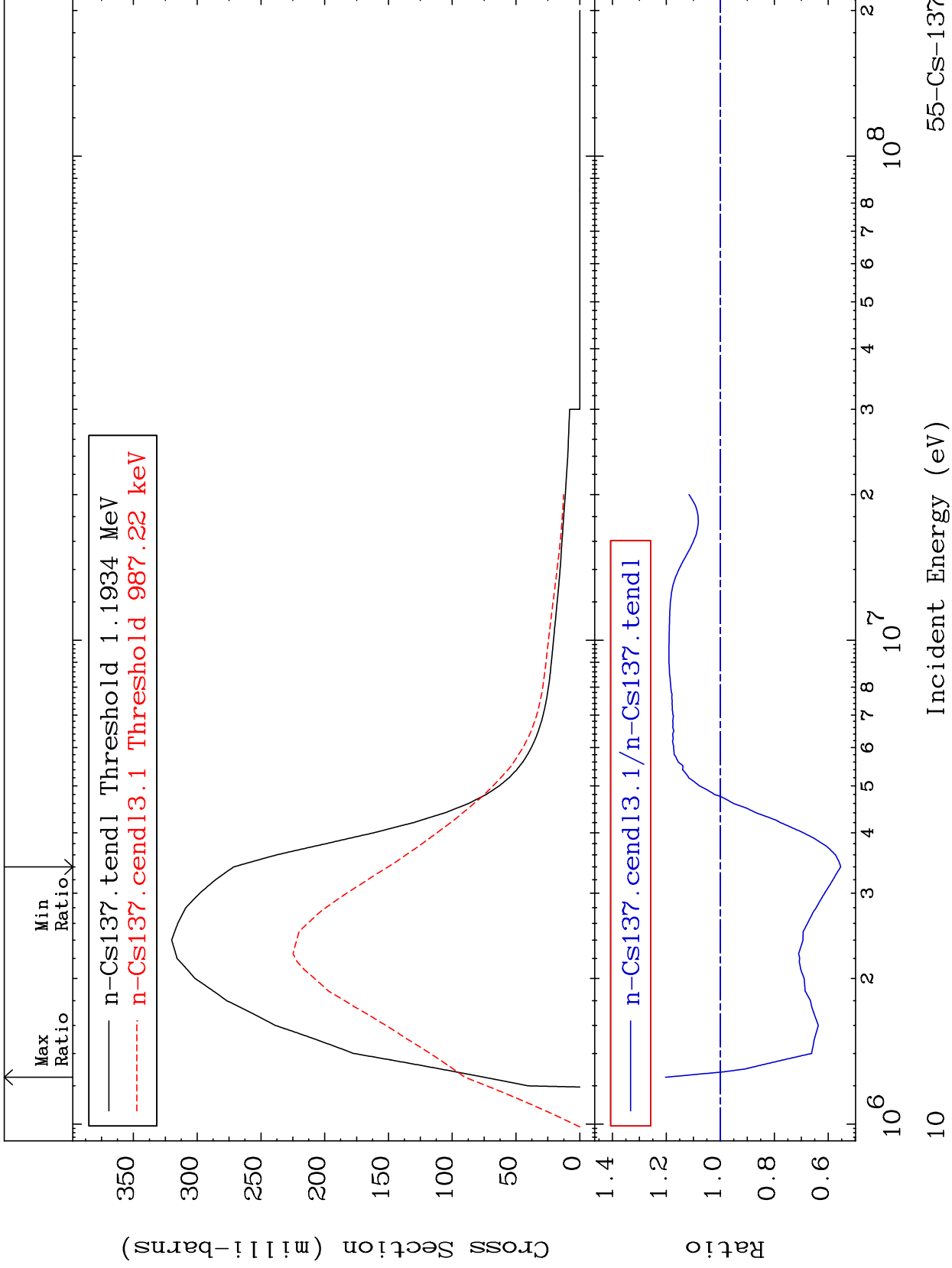
55-Cs-137
-74.03 To 9999. %



MAT 5537

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

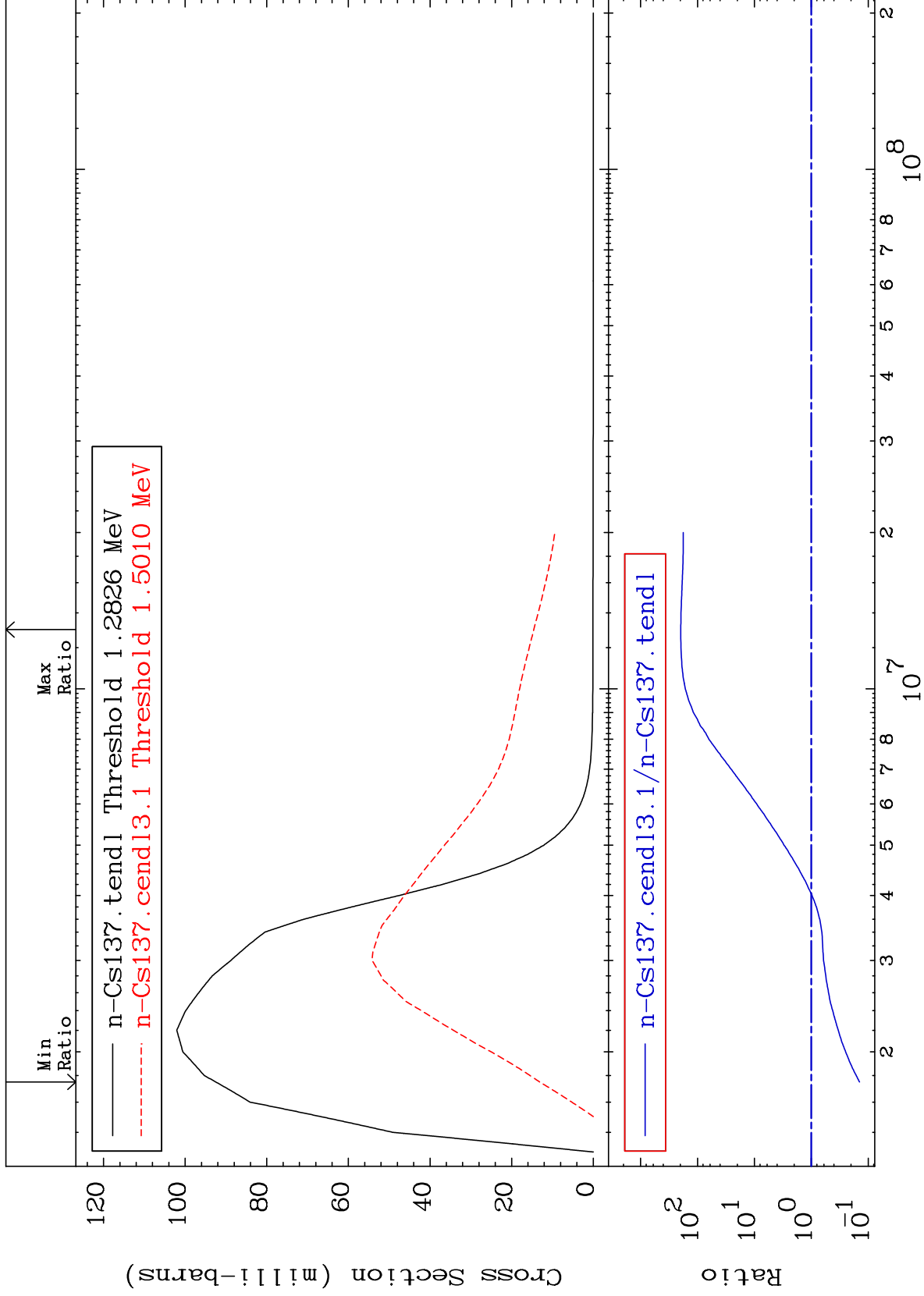
55-Cs-137
-44.60 To 20.31 %



MAT 5537

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

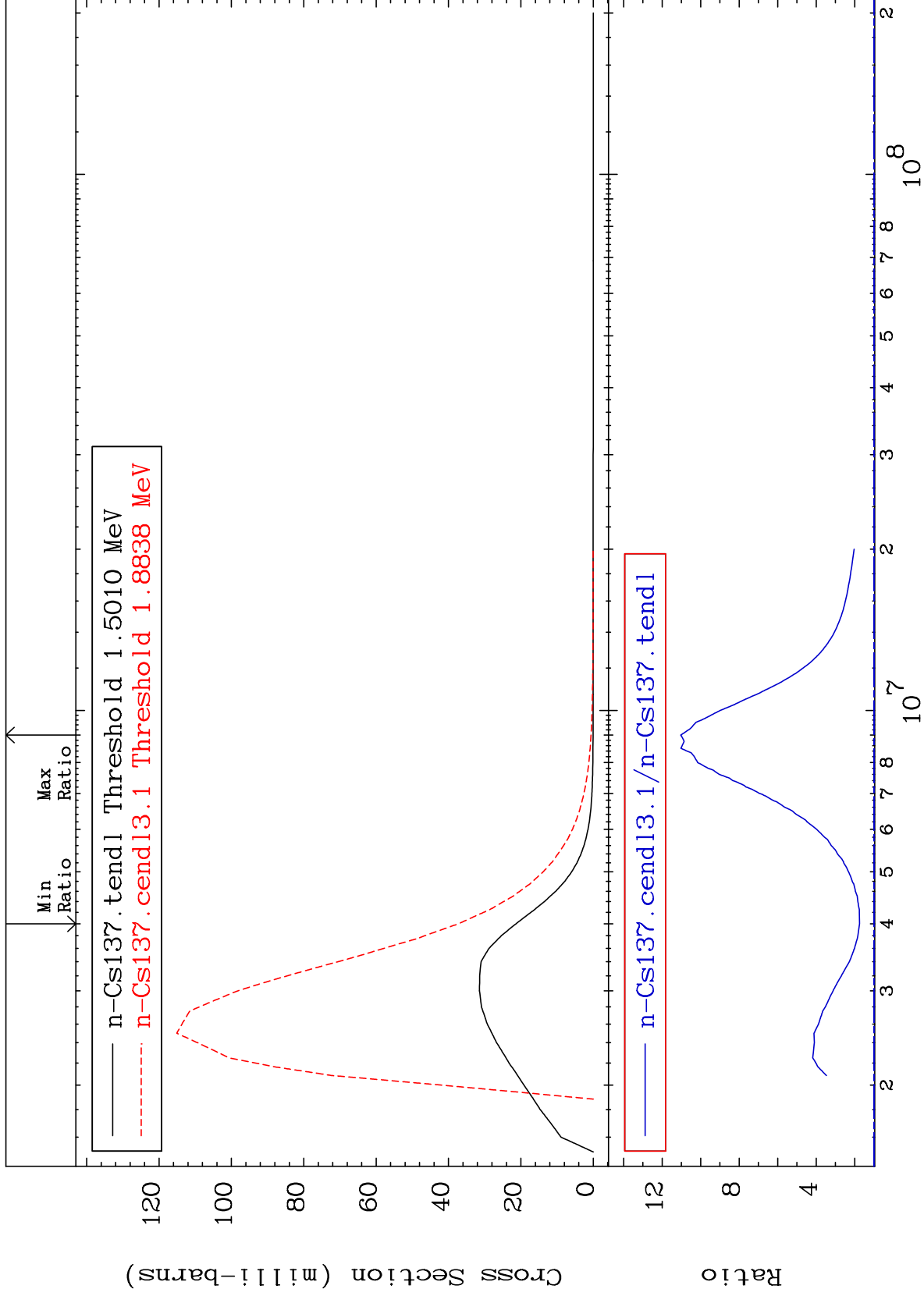
55-Cs-137
-85.78 To 9999. %



MAT 5537

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

55-Cs-137
74.58 To 1003. %



12

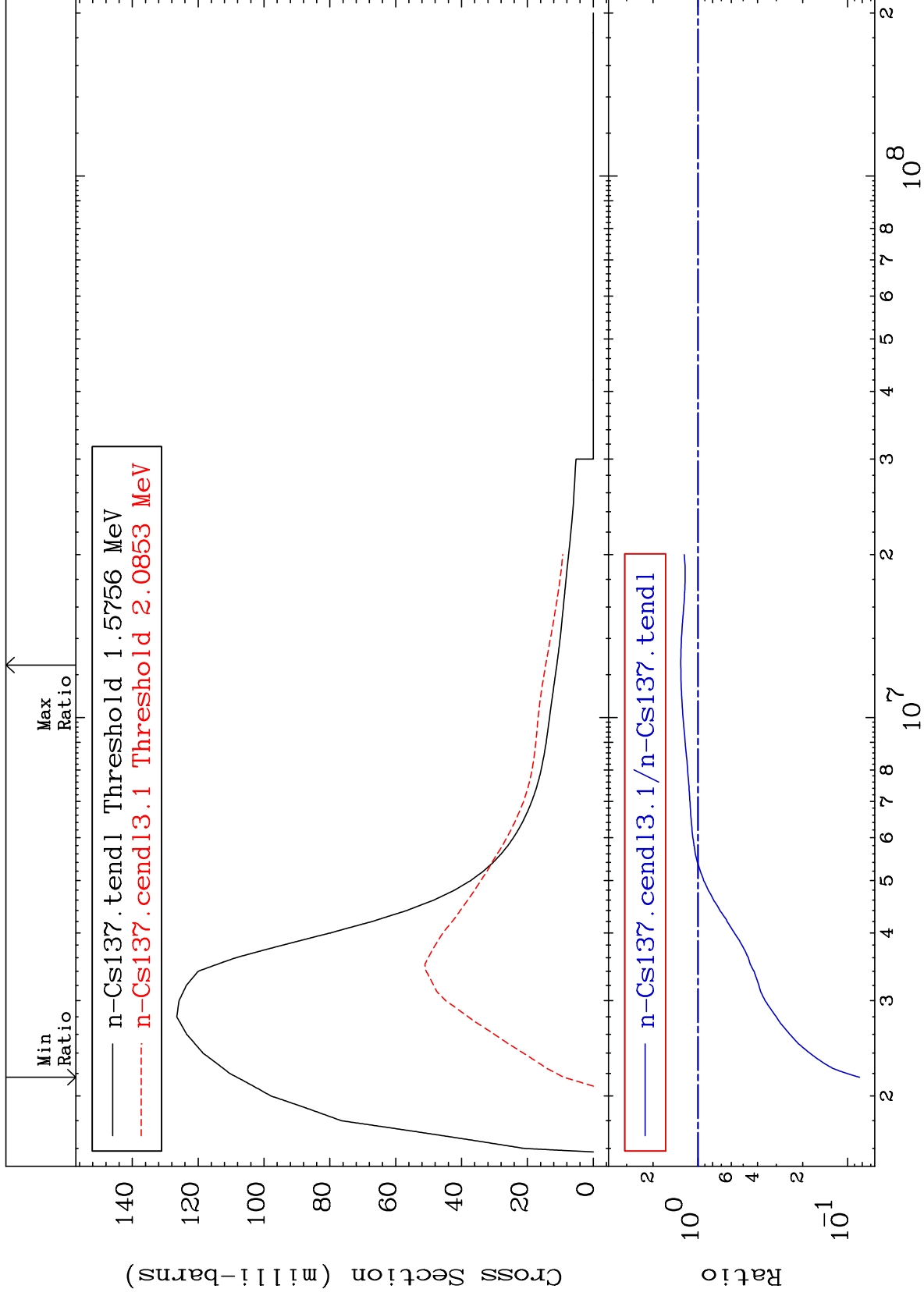
Incident Energy (eV)

55-Cs-137

MAT 5537

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

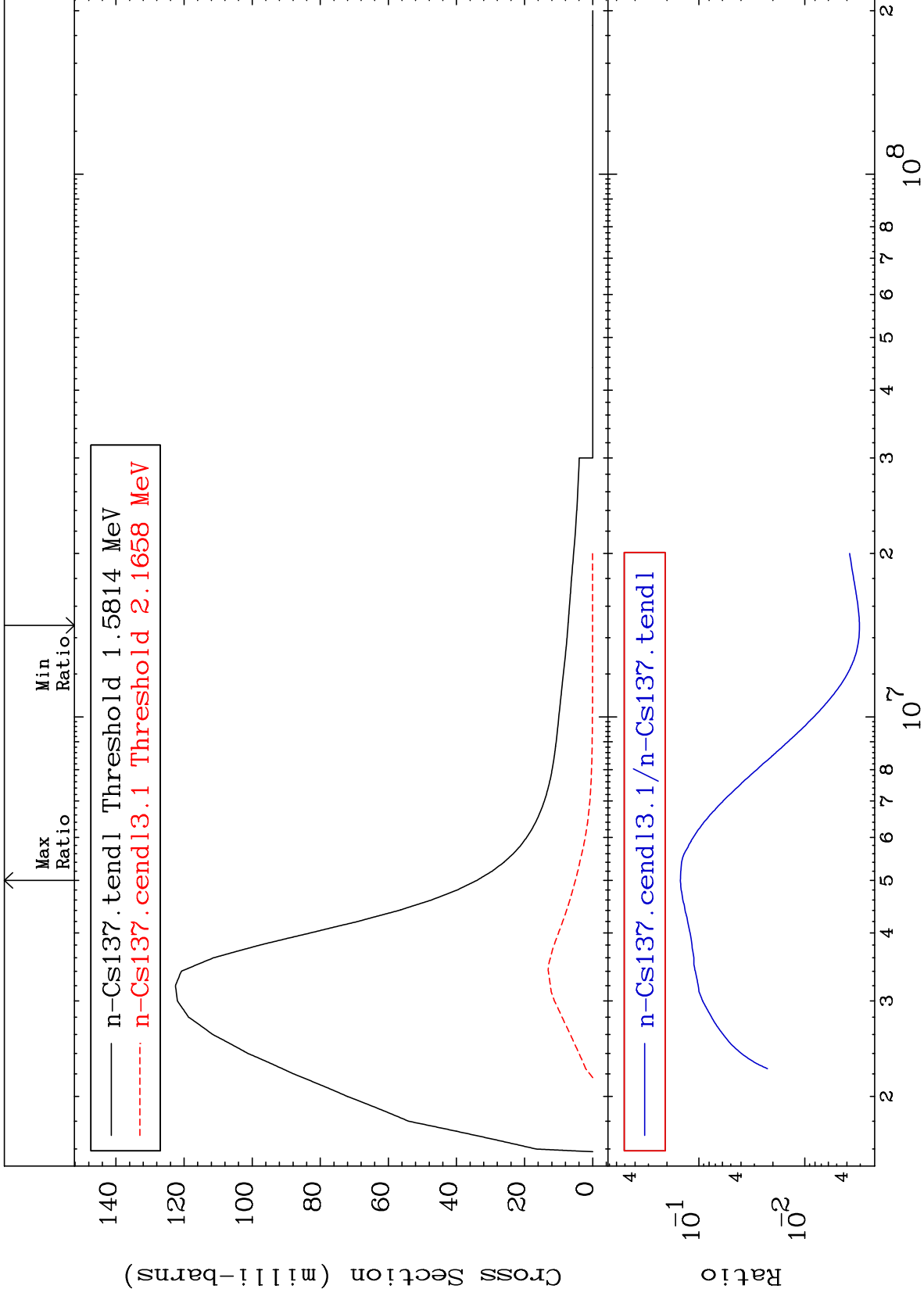
55-Cs-137
-91.67 To 30.53 %



MAT 5537

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

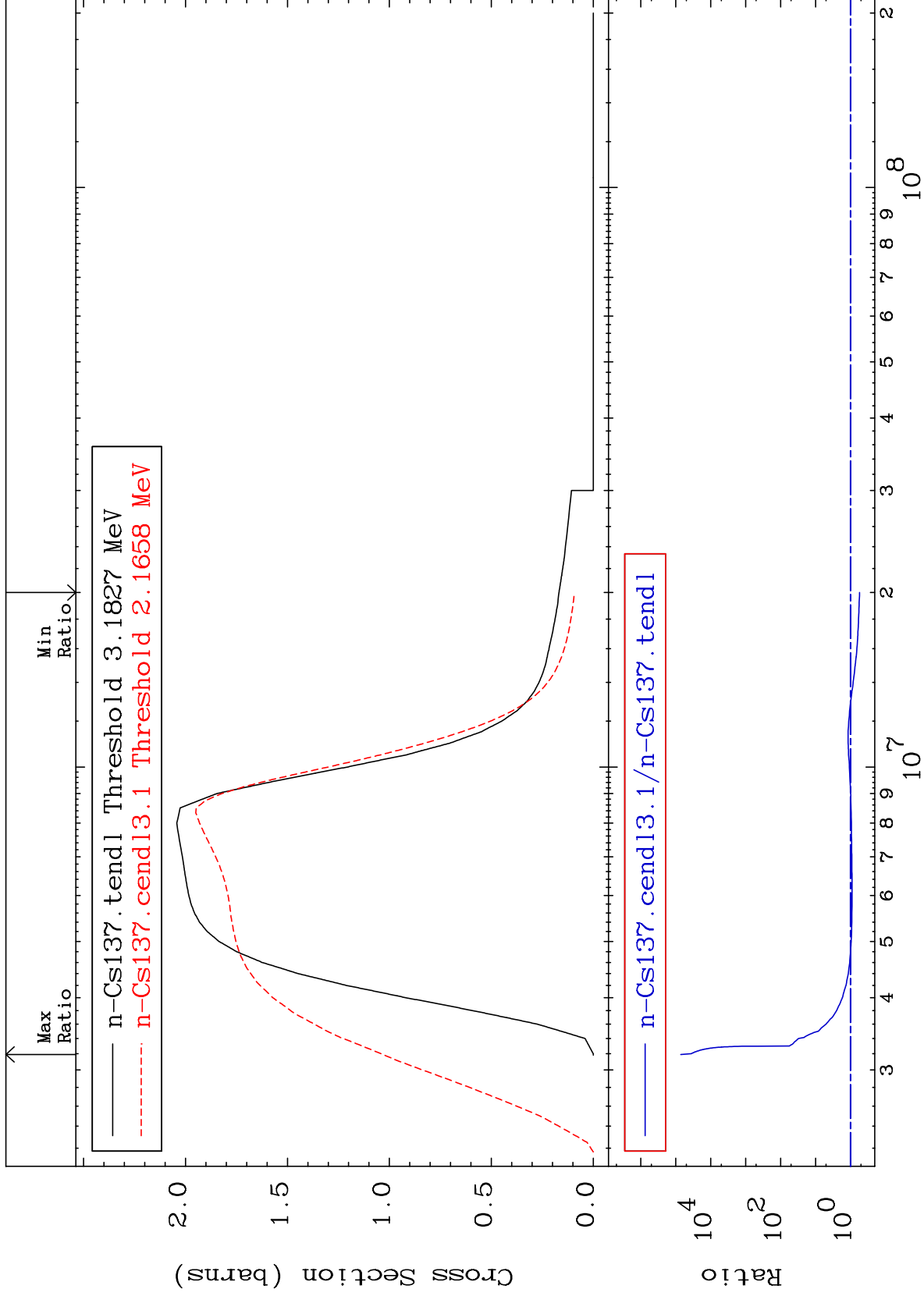
55-Cs-137
-99.70 To -85.04%



MAT 5537

(n, n') Continuum
Cross Section

55-Cs-137
-44.95 To 9999. %



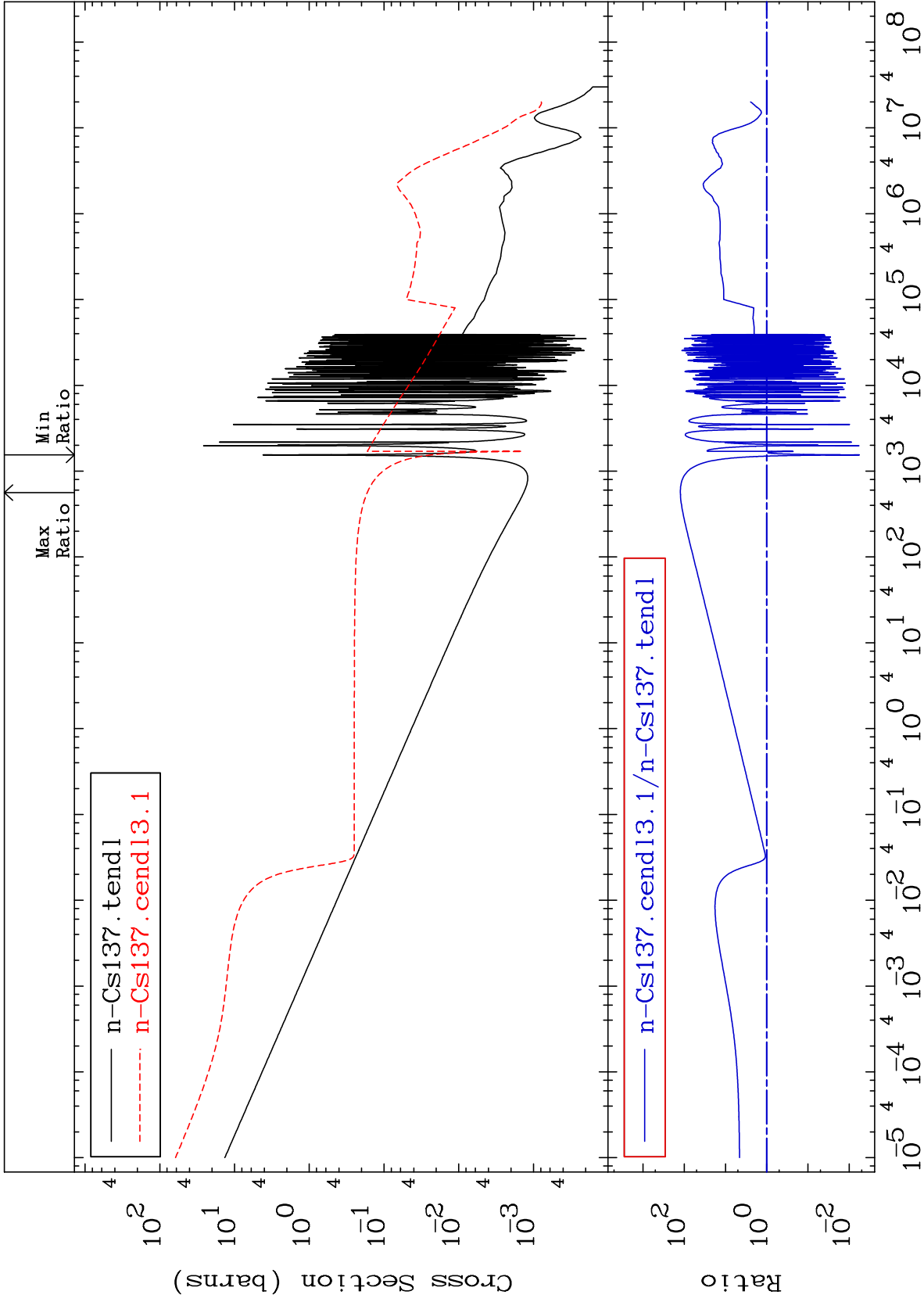
MAT 5537

(n, γ)

55-Cs-137

Cross Section

-99.43 To 9999. %



16

55-Cs-137

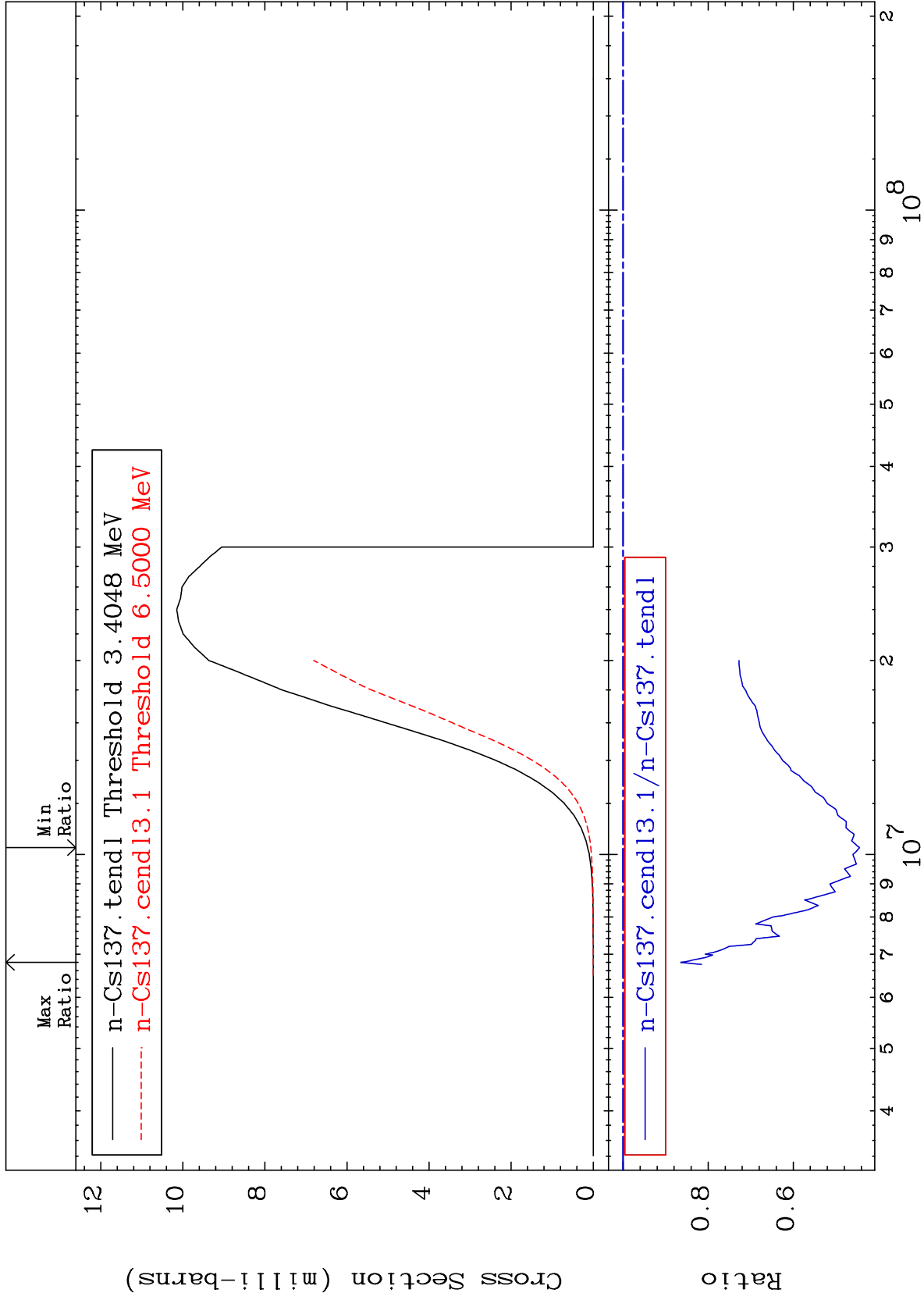
MAT 5537

(n,p)

55-Cs-137

Cross Section

-55.58 To -13.56%



17

Incident Energy (eV)

55-Cs-137

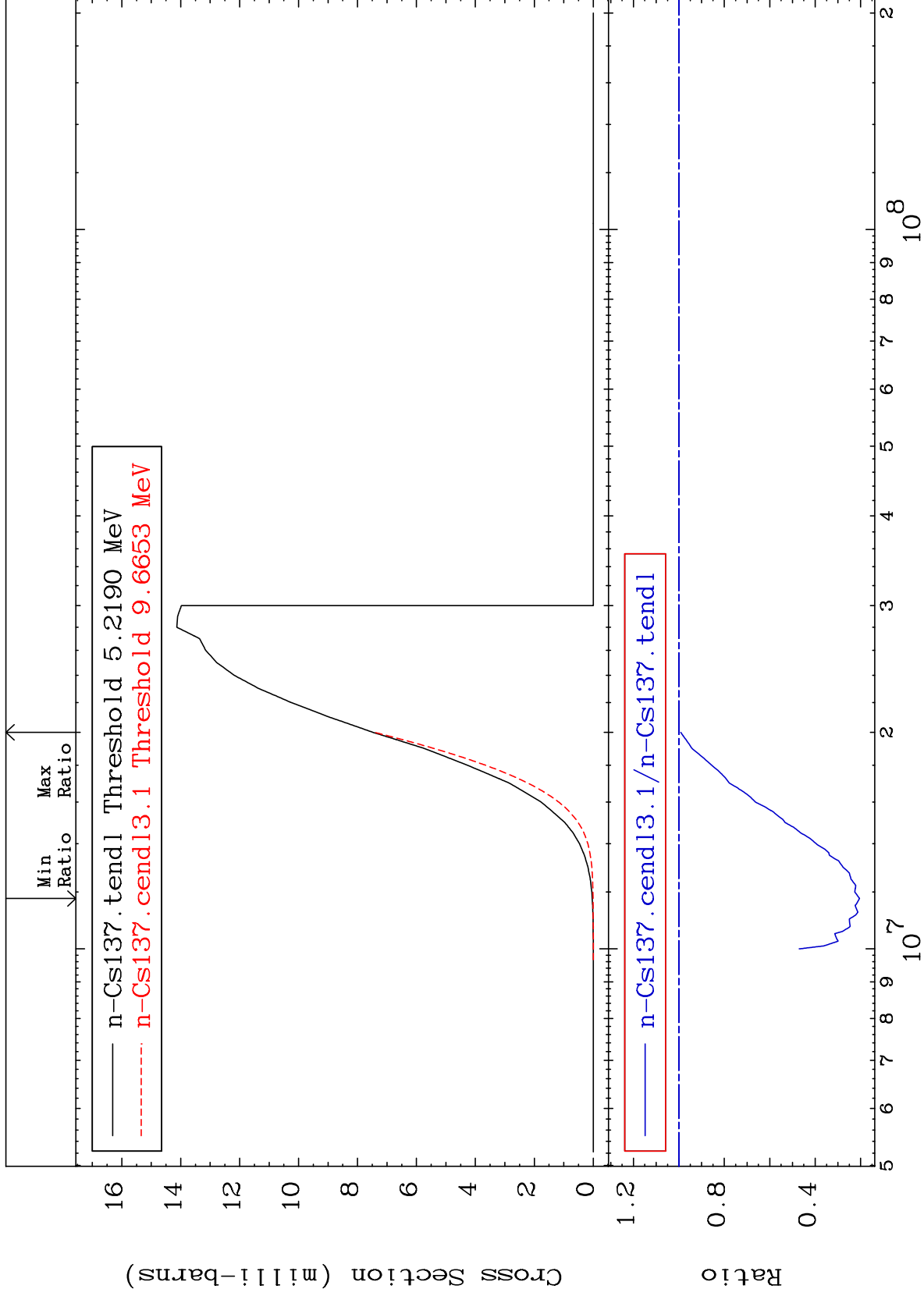
MAT 5537

(n, d)

55-Cs-137

Cross Section

-79.51 To -0.830%



18

Incident Energy (eV)

55-Cs-137

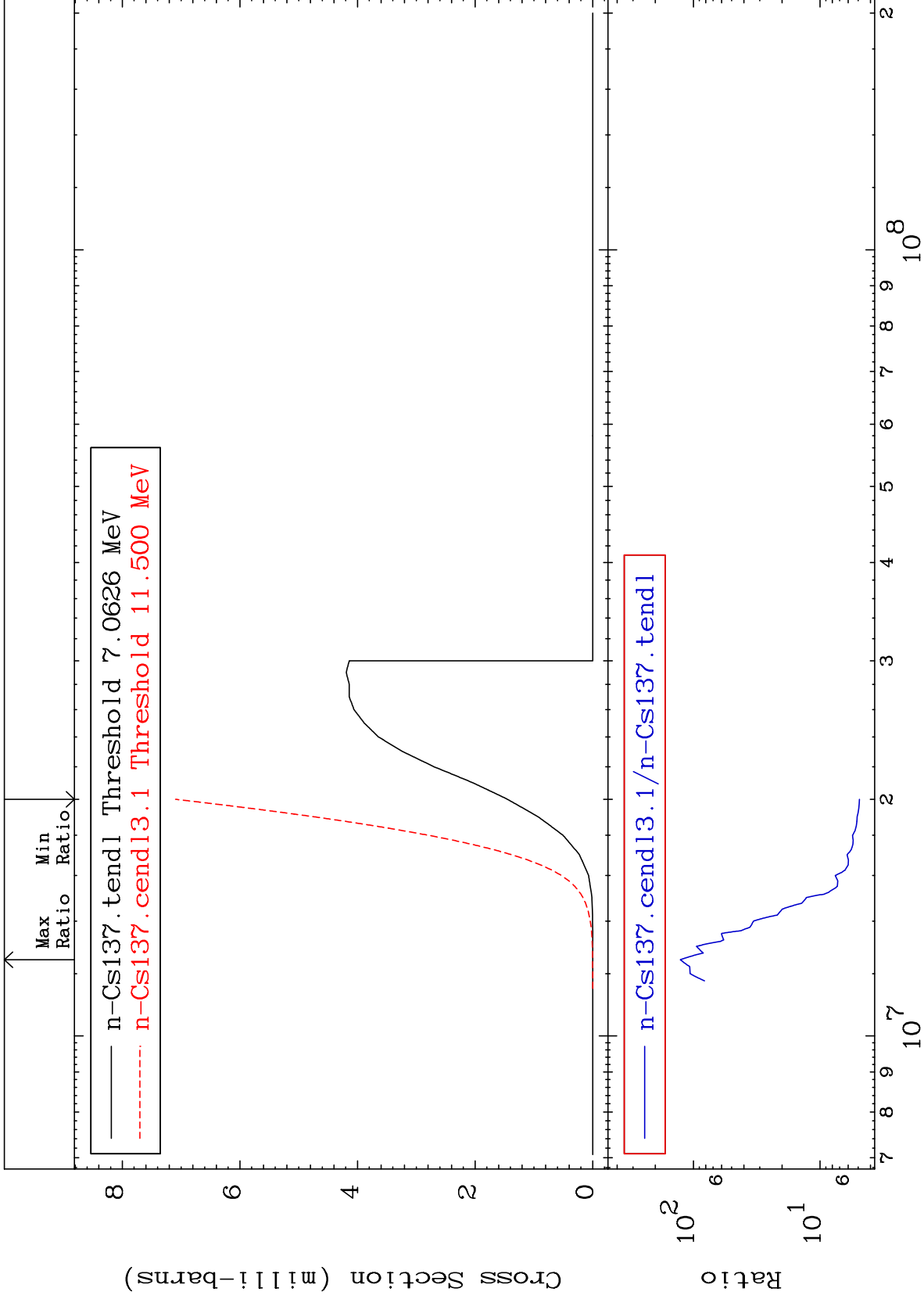
MAT 5537

(n, t)

55-Cs-137

Cross Section

389.0 To 9999. %



19

Incident Energy (eV)

55-Cs-137

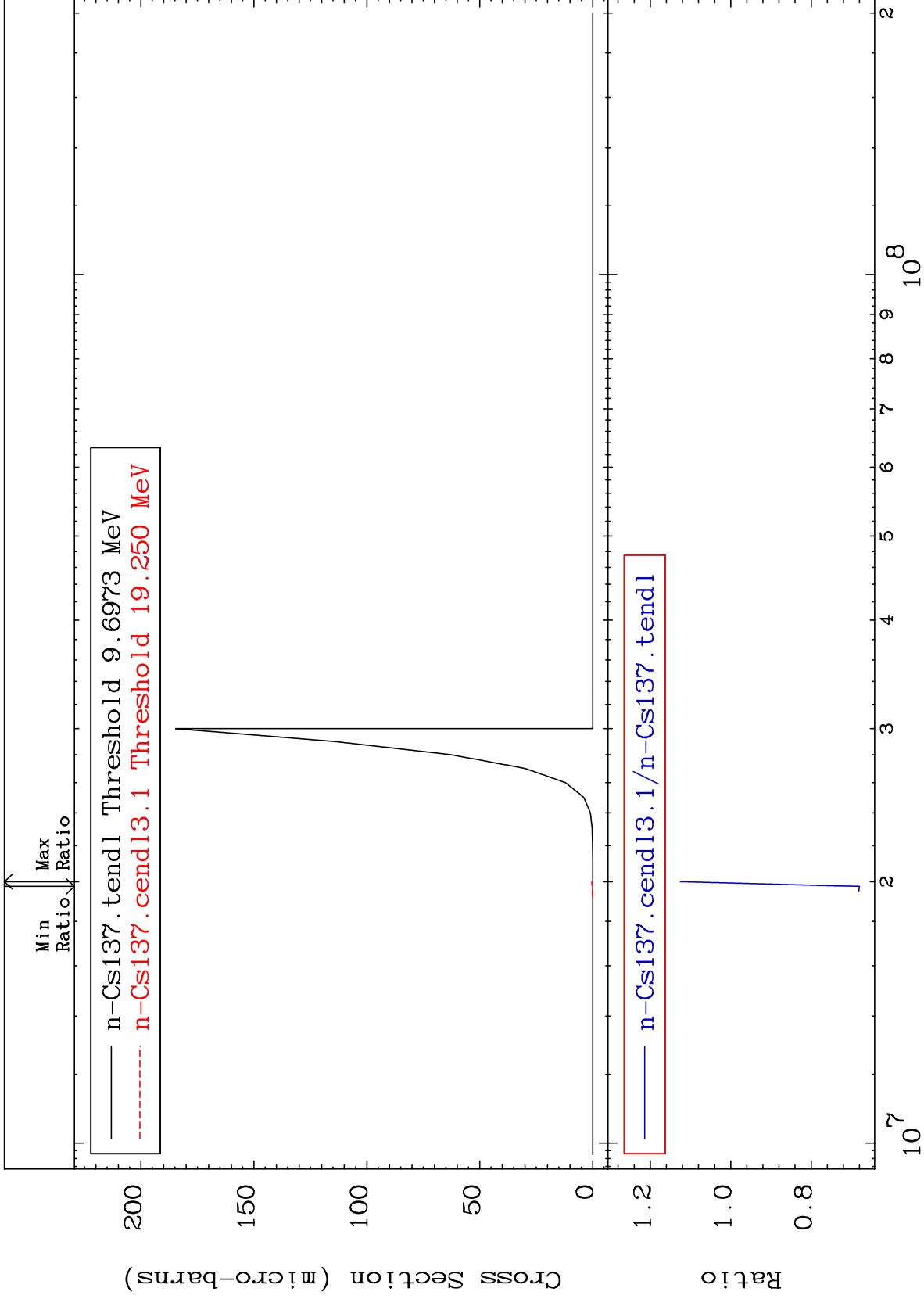
MAT 5537

(n, He-3)

55-Cs-137

Cross Section

9999. To 9999. %



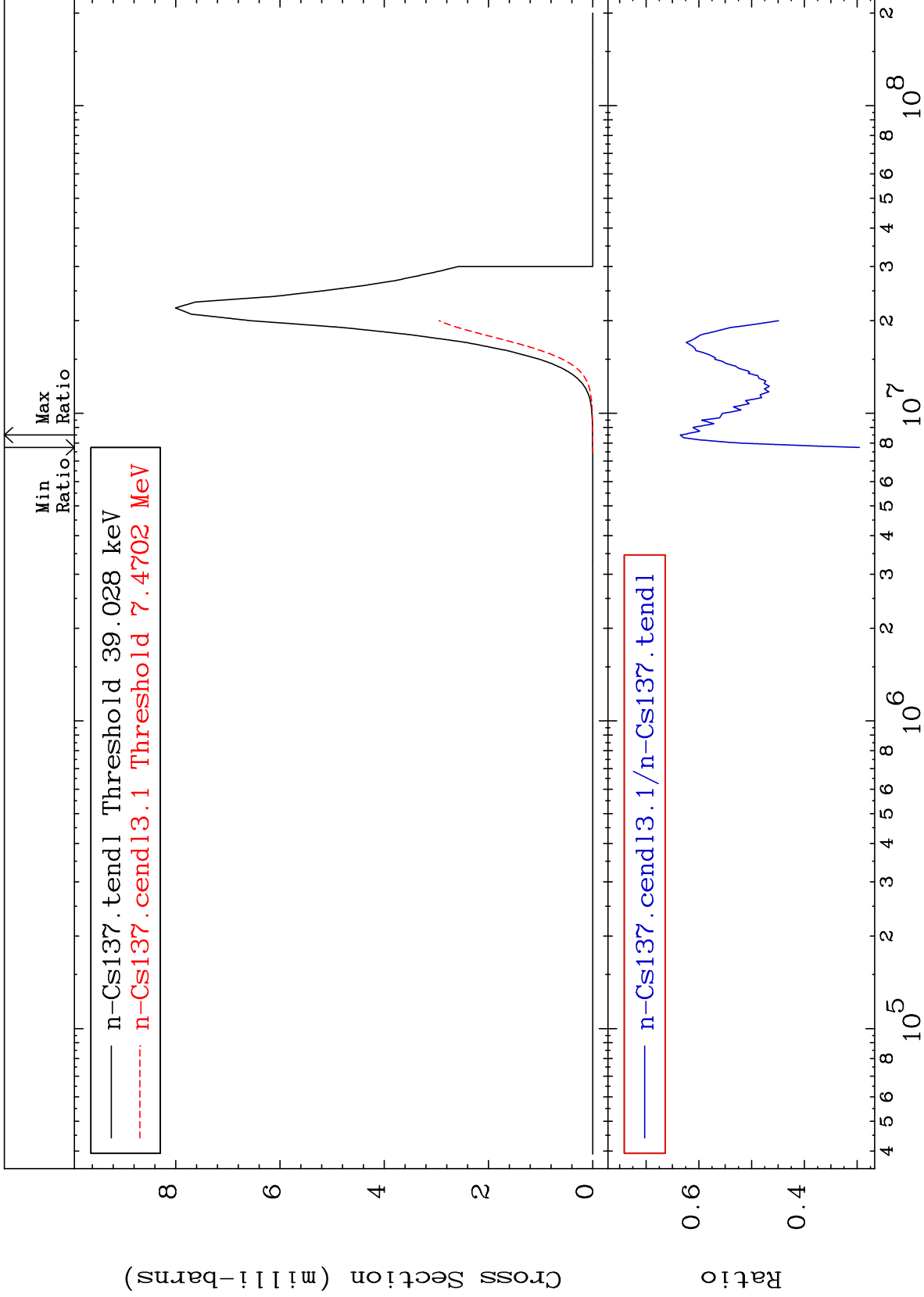
MAT 5537

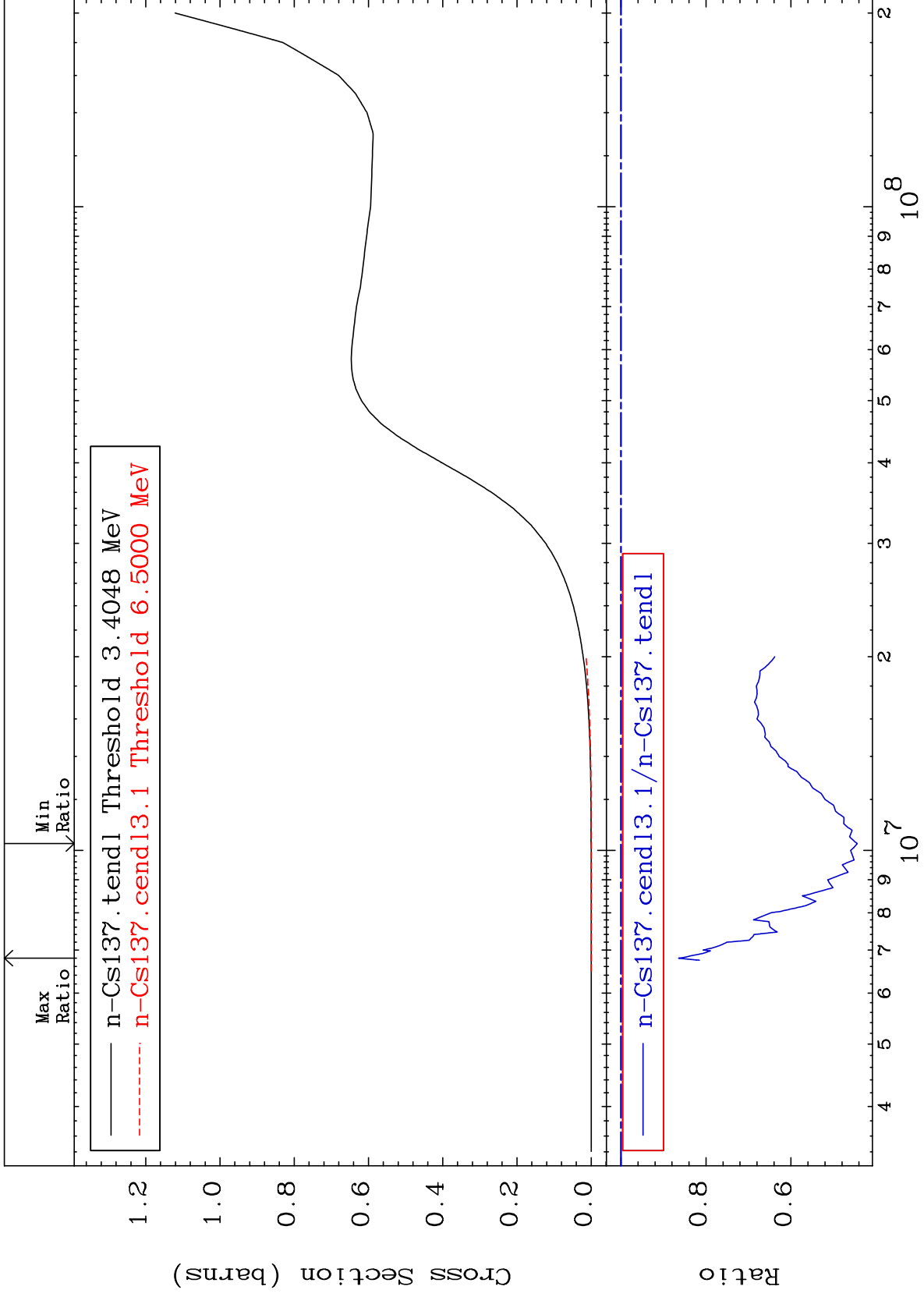
(n, α)

55-Cs-137

Cross Section

-70.42 To -36.50%

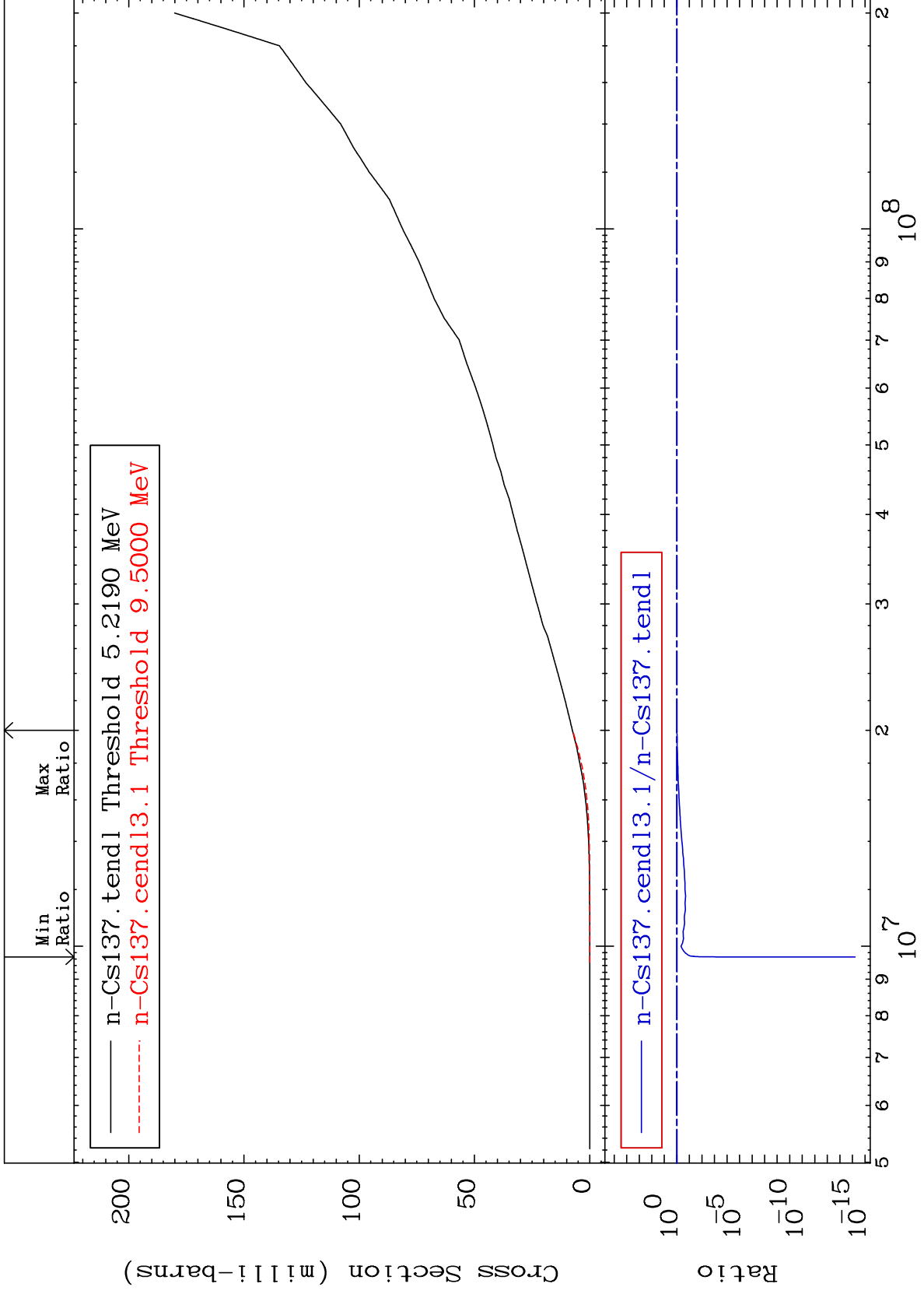




MAT 5537

Deuterium Production
Cross Section

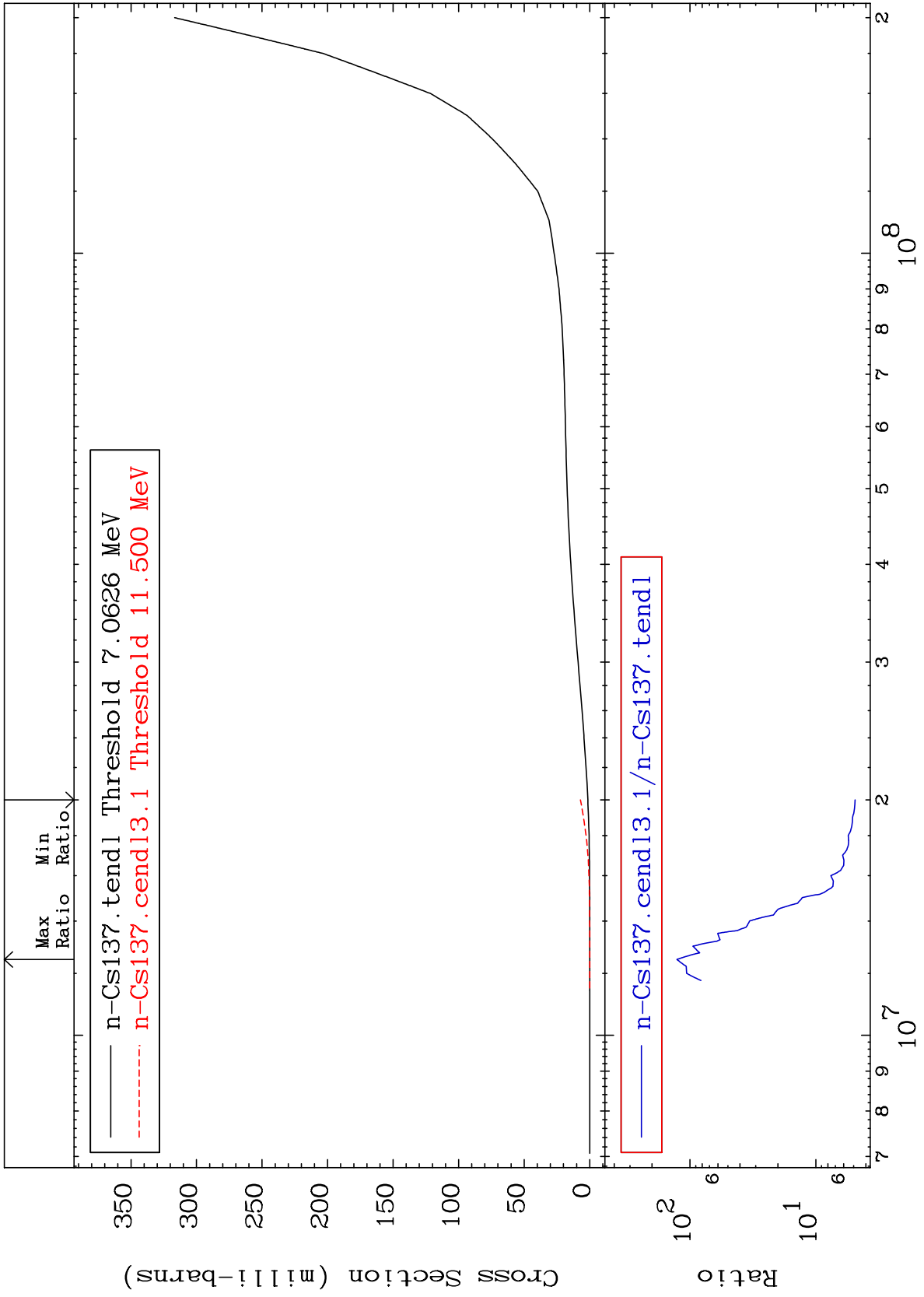
55-Cs-137
-100.0 To -1.246%



MAT 5537

Tritium Production
Cross Section

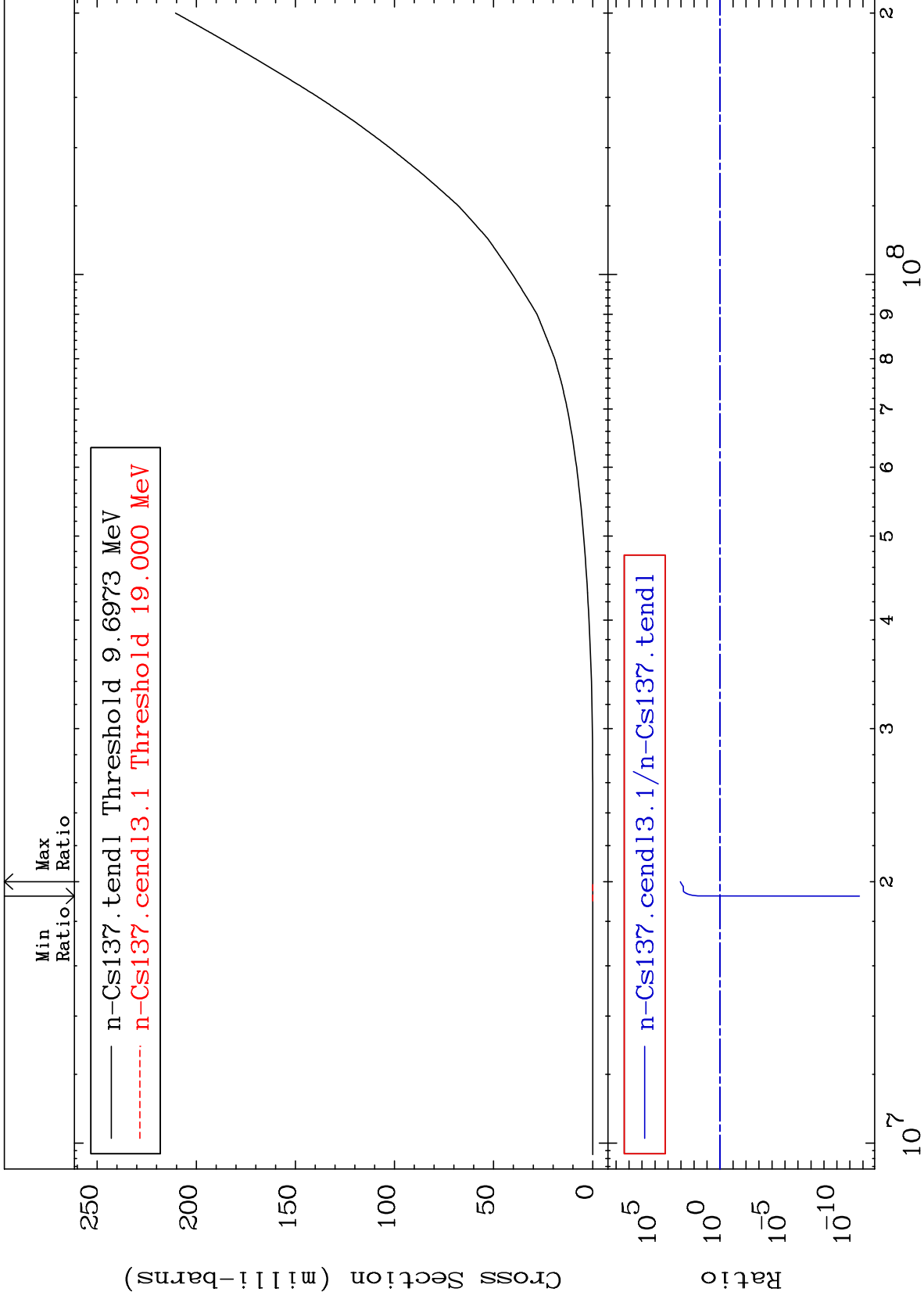
55-Cs-137
387.4 To 9999. %



MAT 5537

He-3 Production
Cross Section

55-Cs-137
-100.0 To 9999. %



25

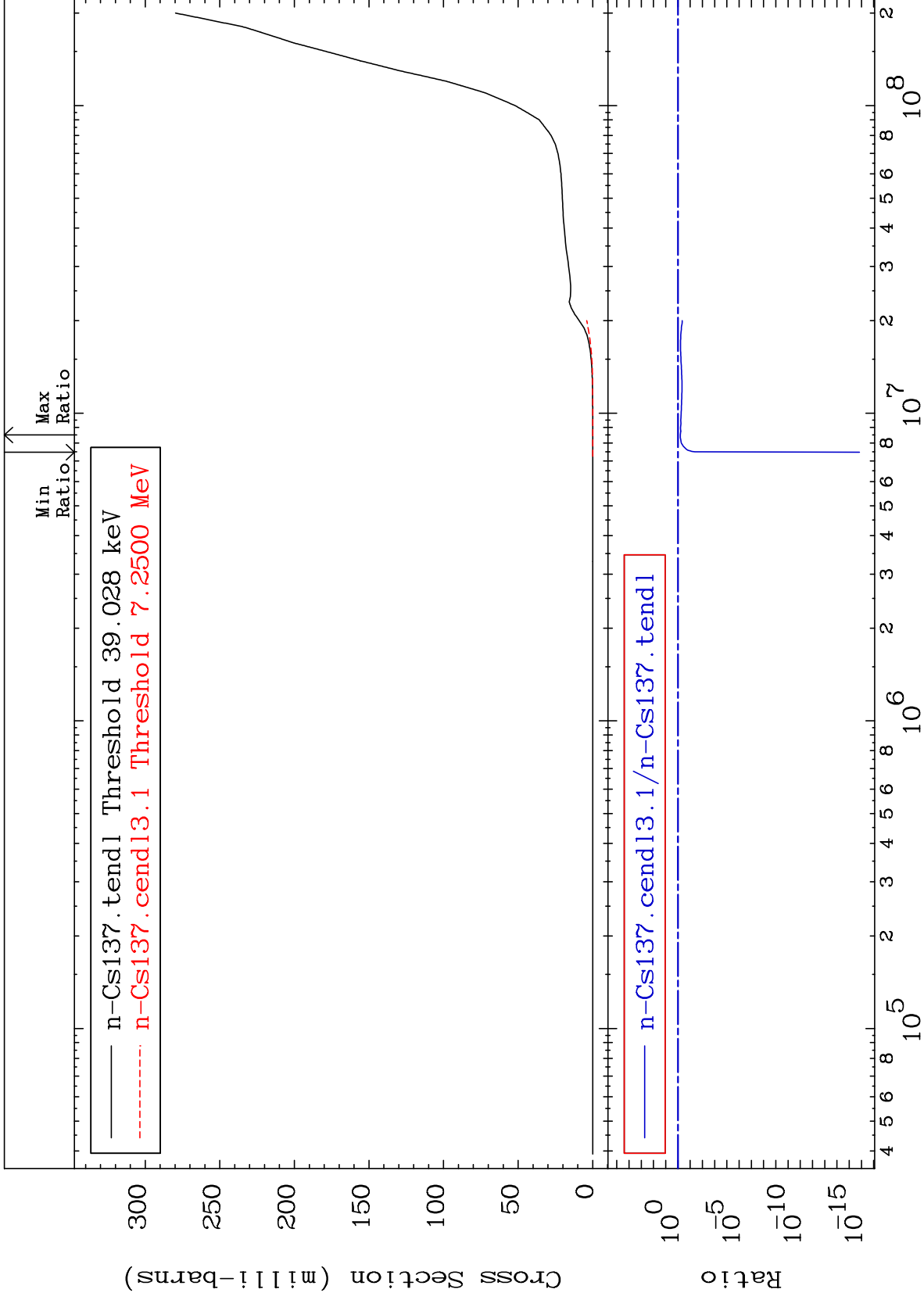
Incident Energy (eV)

55-Cs-137

MAT 5537

He-4 Production
Cross Section

55-Cs-137
-100.0 To -36.50%



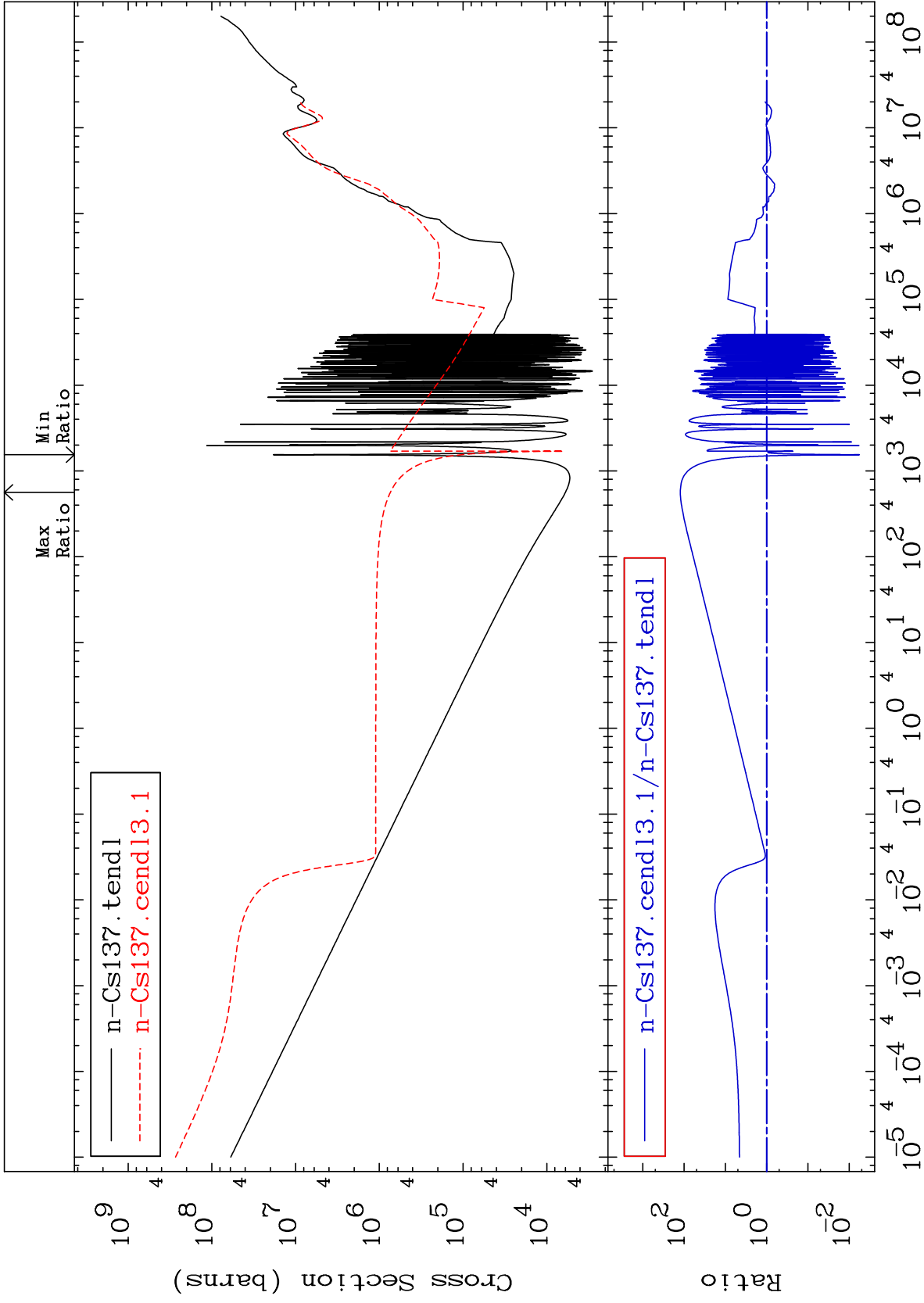
MAT 5537

Kerma total (eV-barns)

55-Cs-137

-99.43 To 9999. %

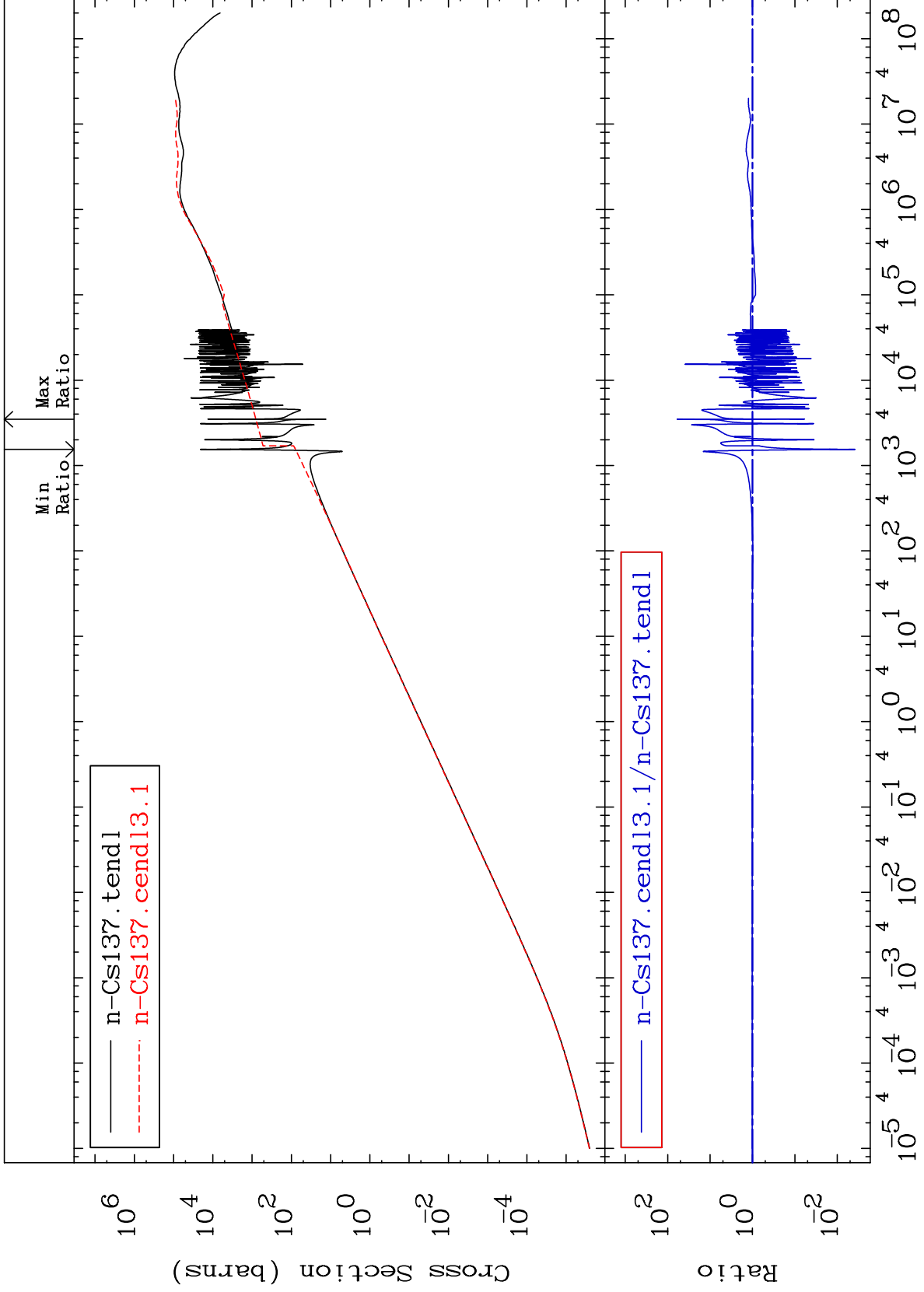
Cross Section

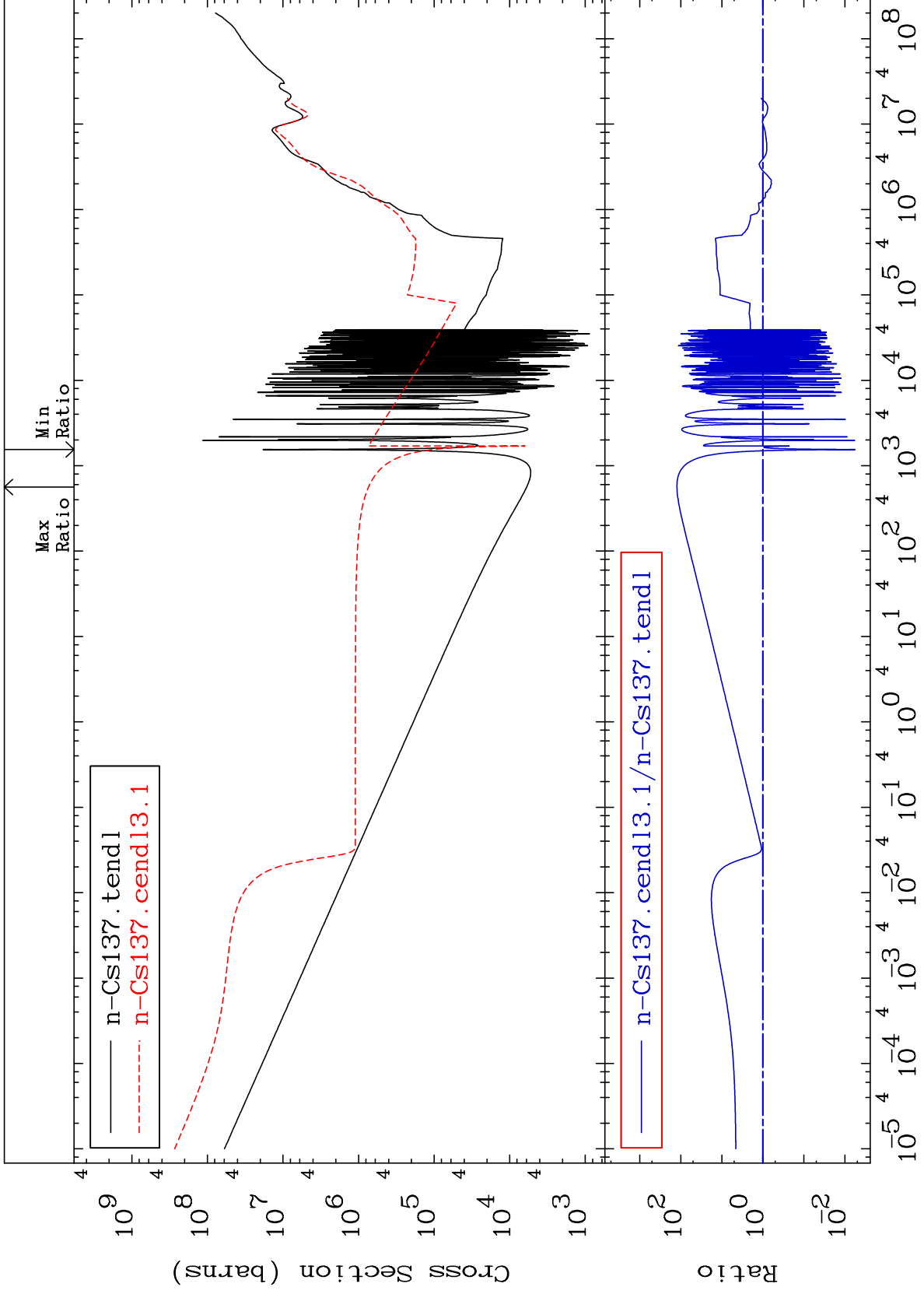


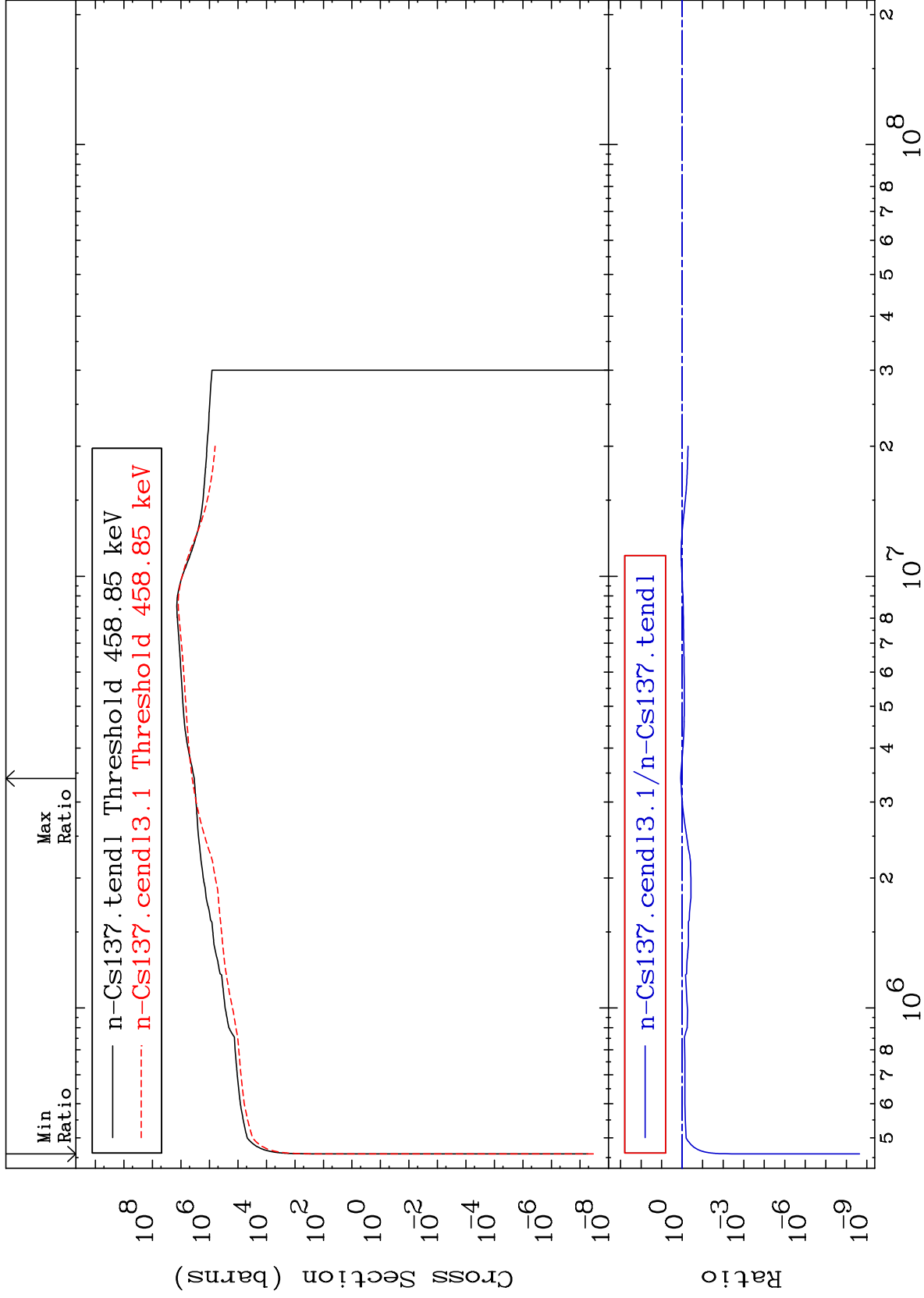
27

Incident Energy (eV)

55-Cs-137



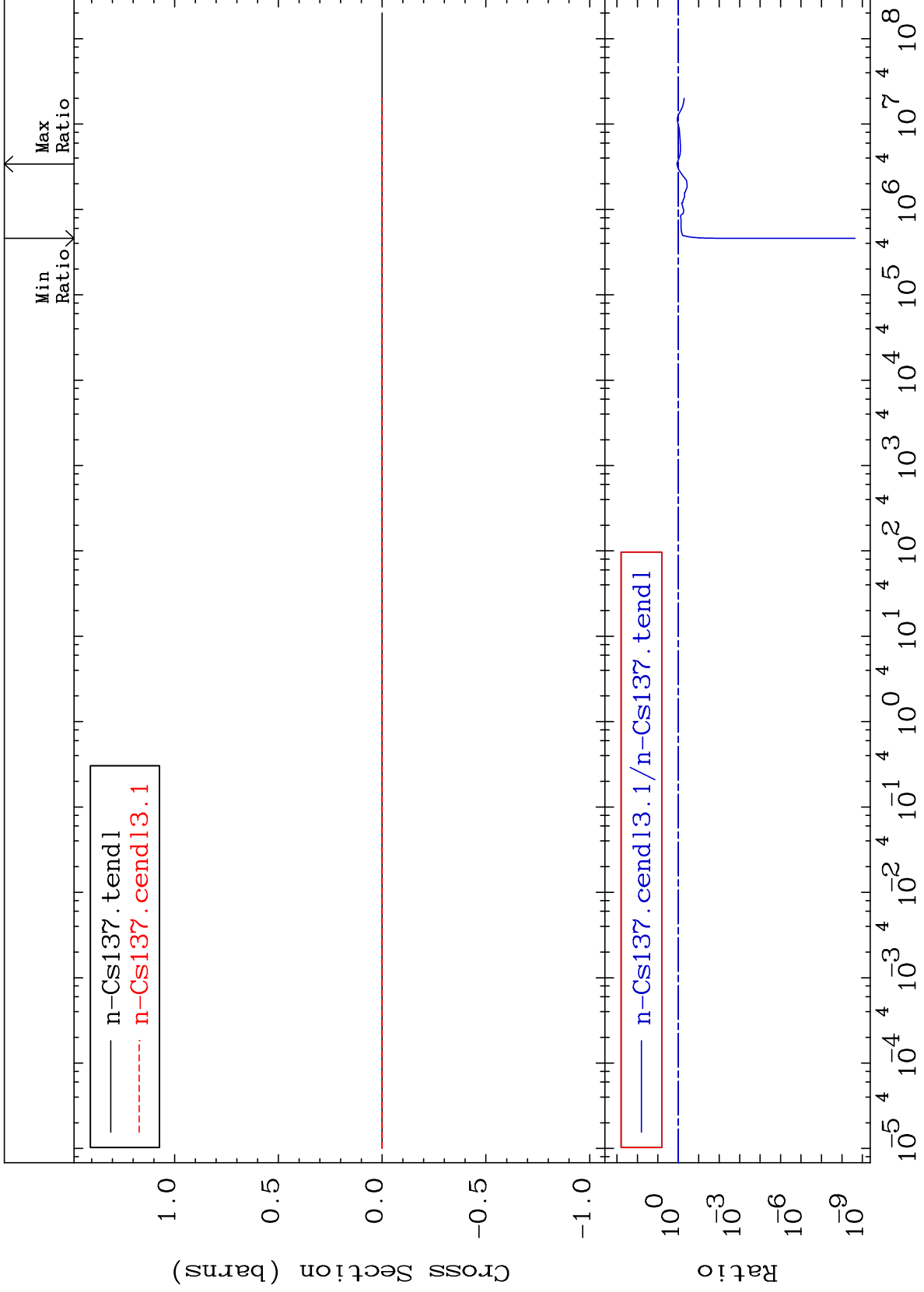




MAT 5537

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

55-Cs-137
-100.0 To 16.71 %



MAT 5537

Kerma capture (mt102)
Cross Section

55-Cs-137
-99.43 To 9999. %

