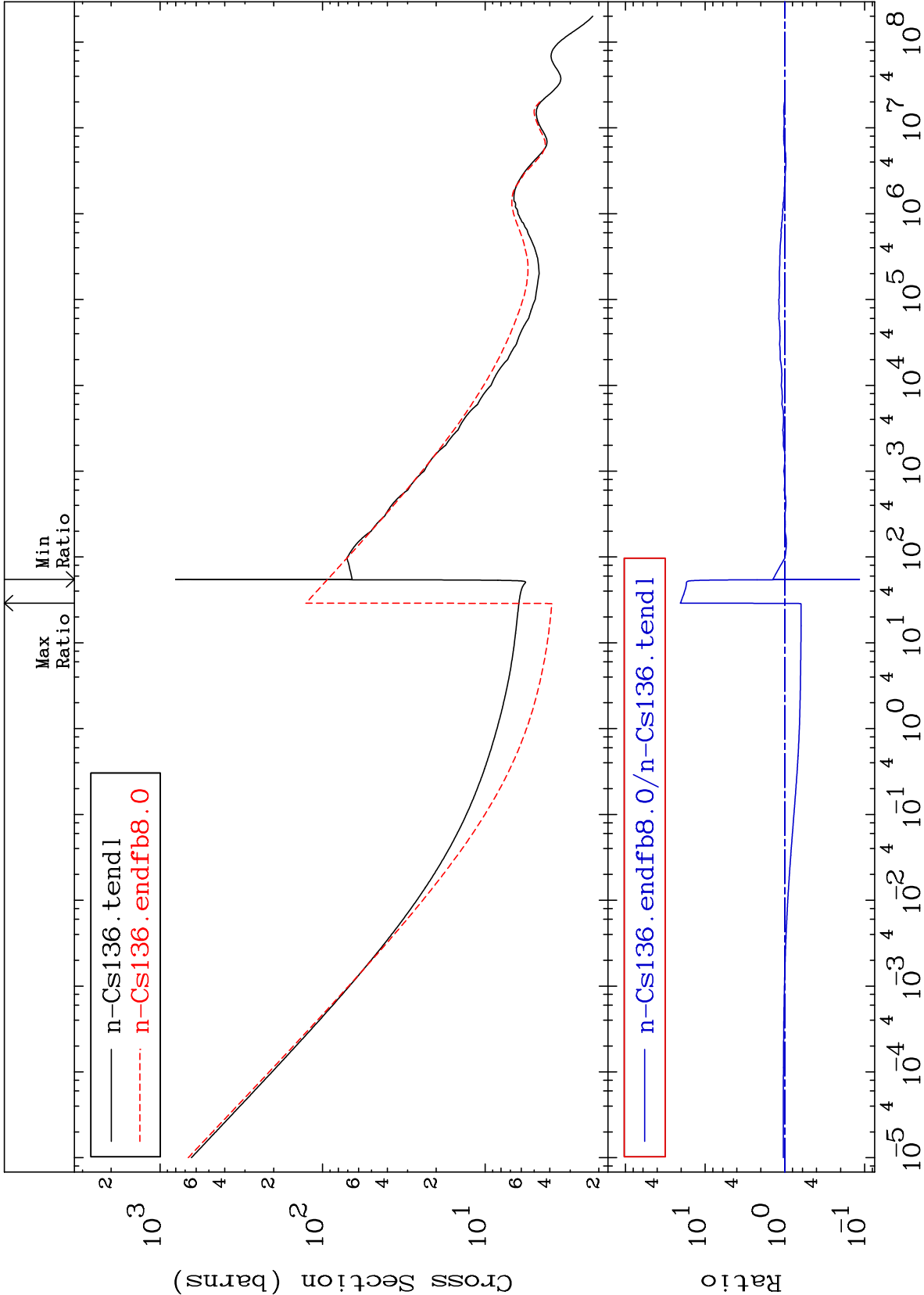


MAT 5534

55-Cs-136

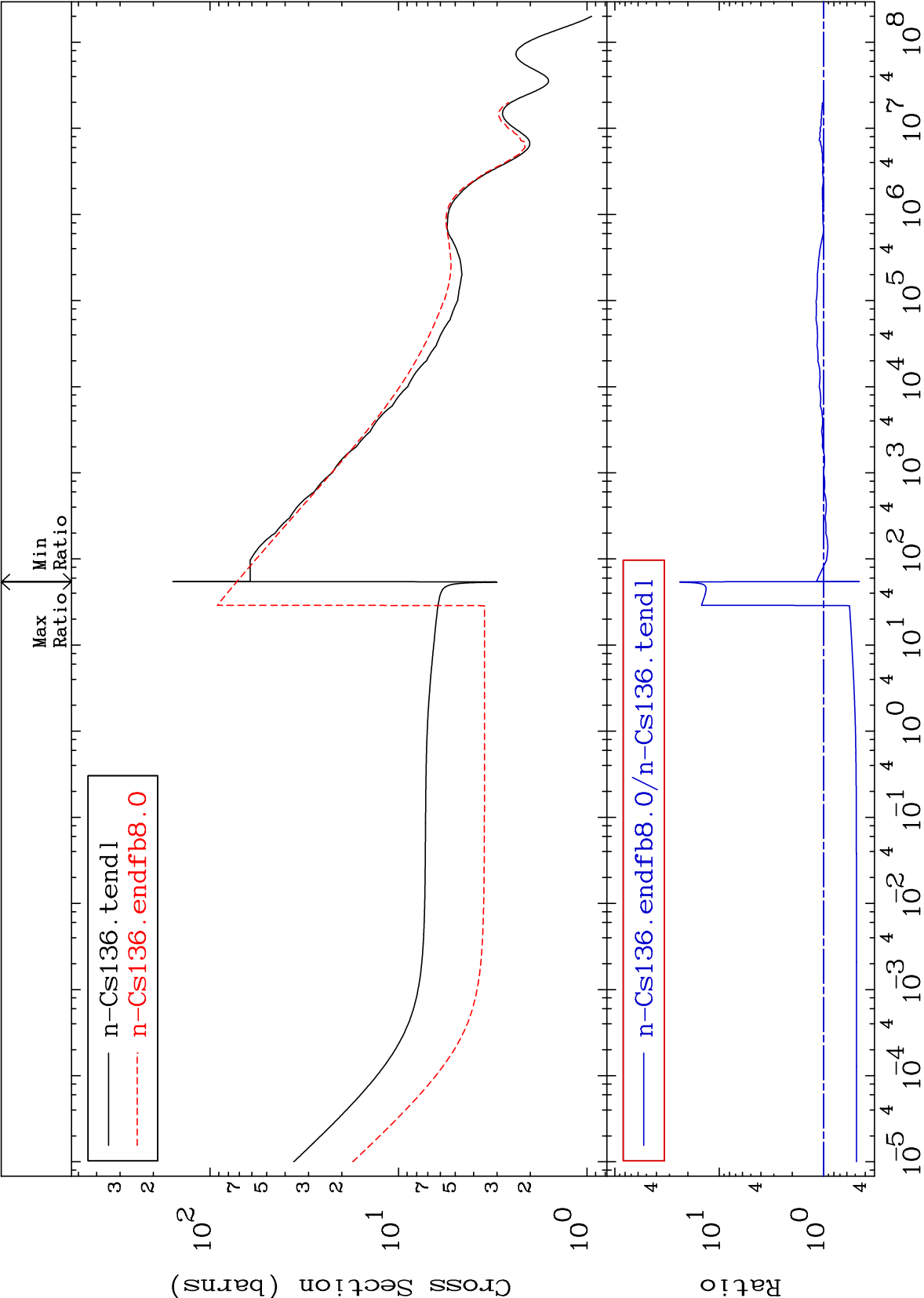
-88.40 To 1944. %

Total
Cross Section



Incident Energy (eV)

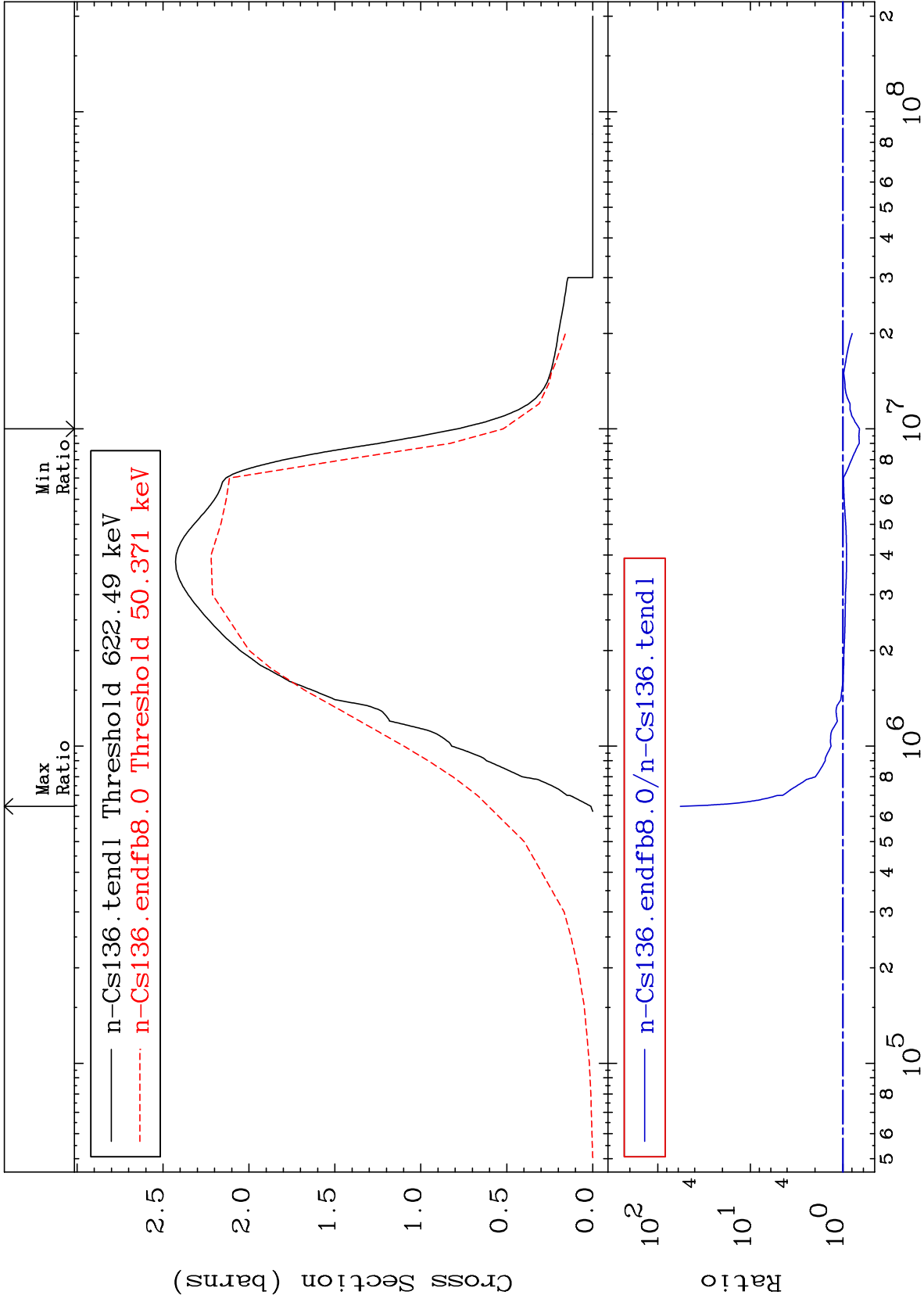
55-Cs-136



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Inelastic
Cross Section

55-Cs-136
-33.72 To 5602. %



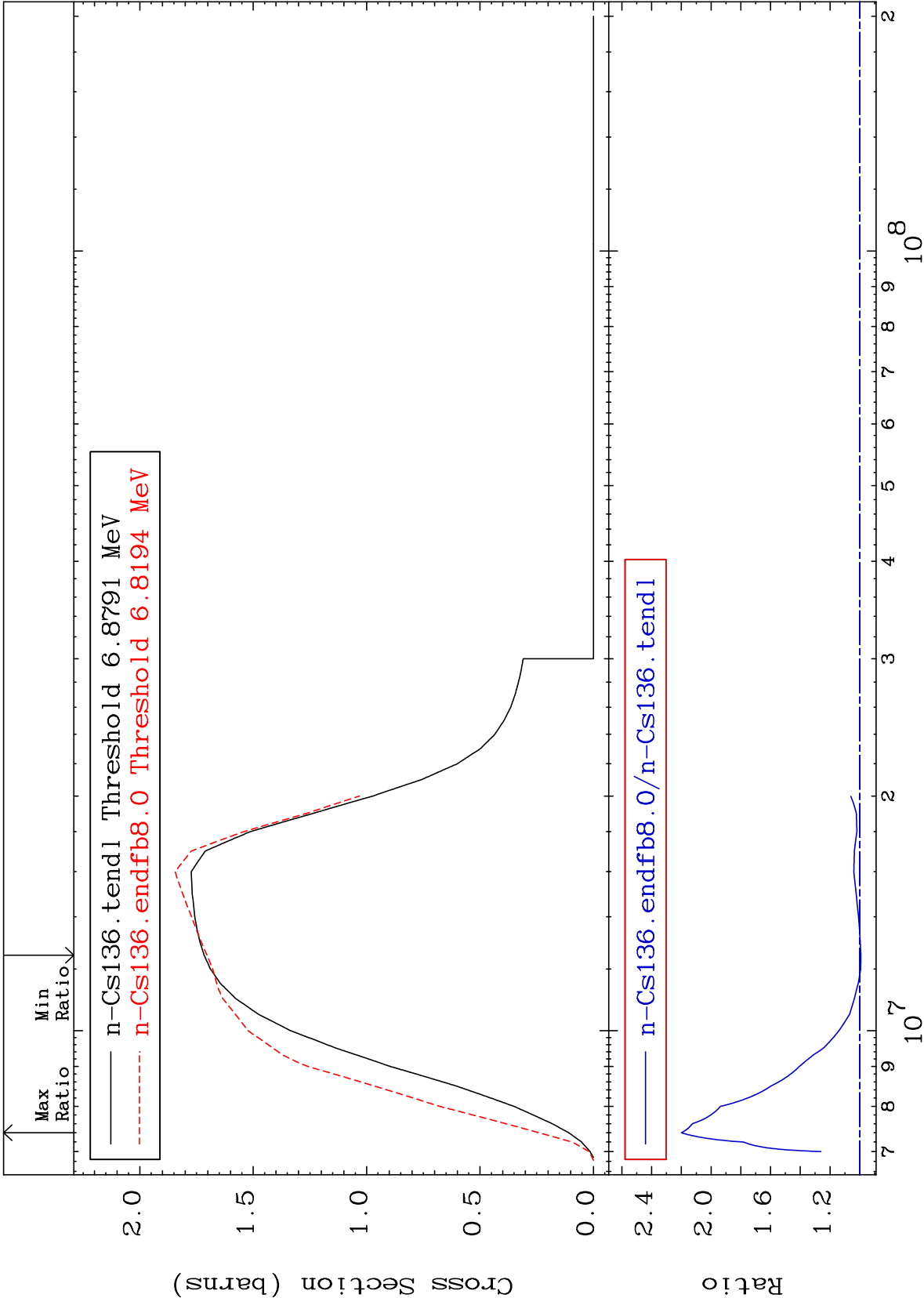
MAT 5534

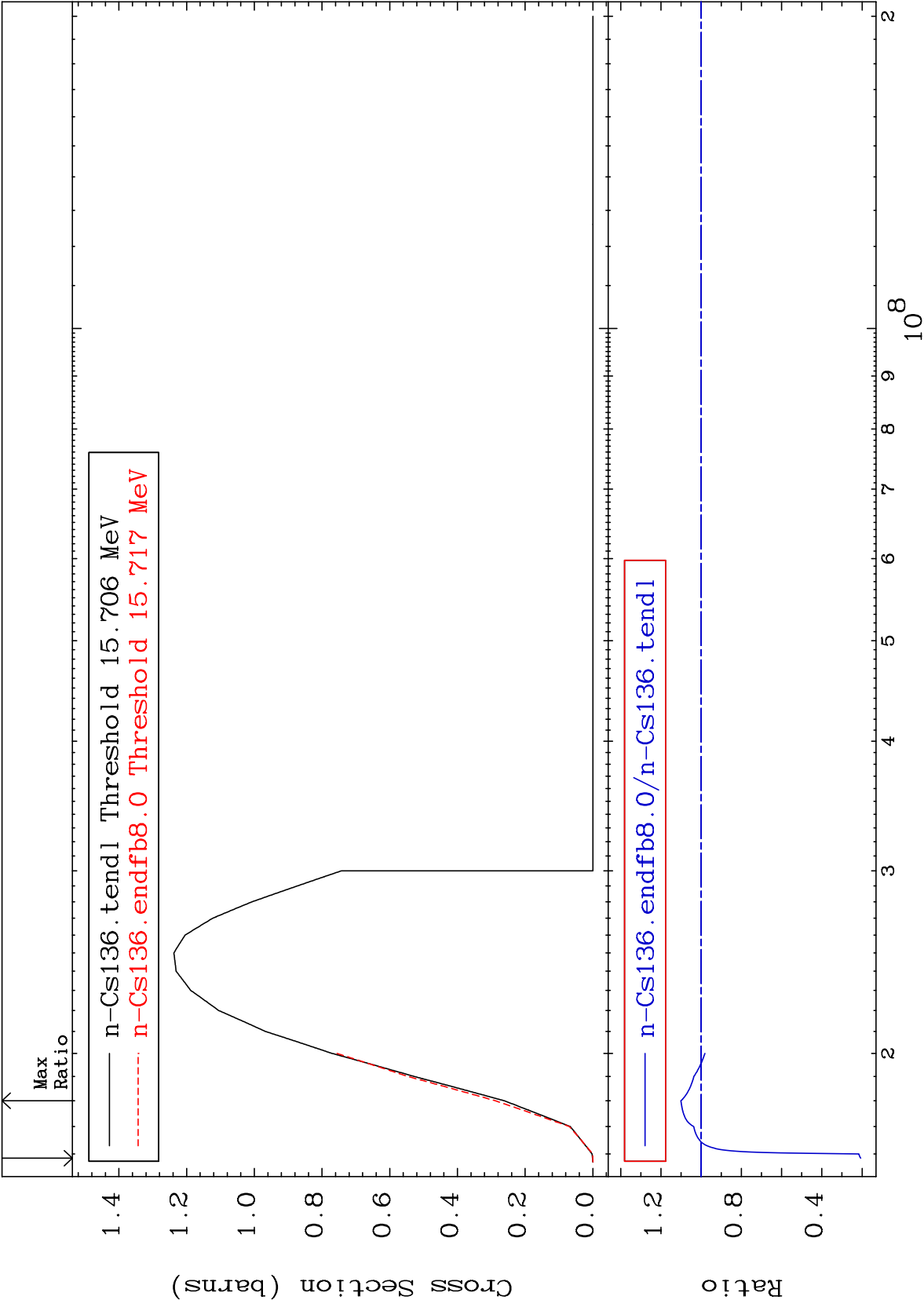
(n,2n)

55-Cs-136

Cross Section

-0.727 To 120.0 %





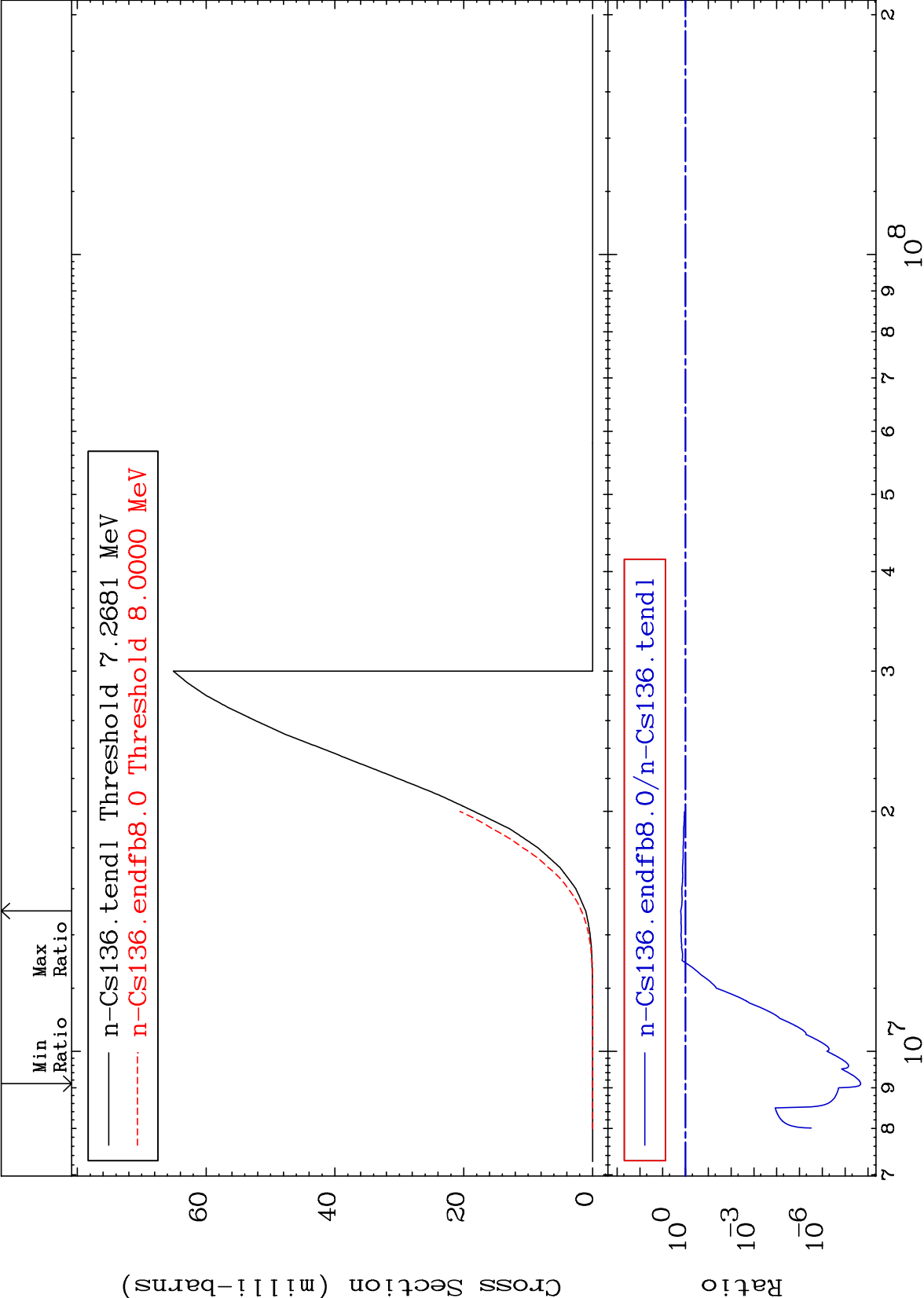
(n, n') α
Cross Section
55-Cs-136
30.29 To 9999. %



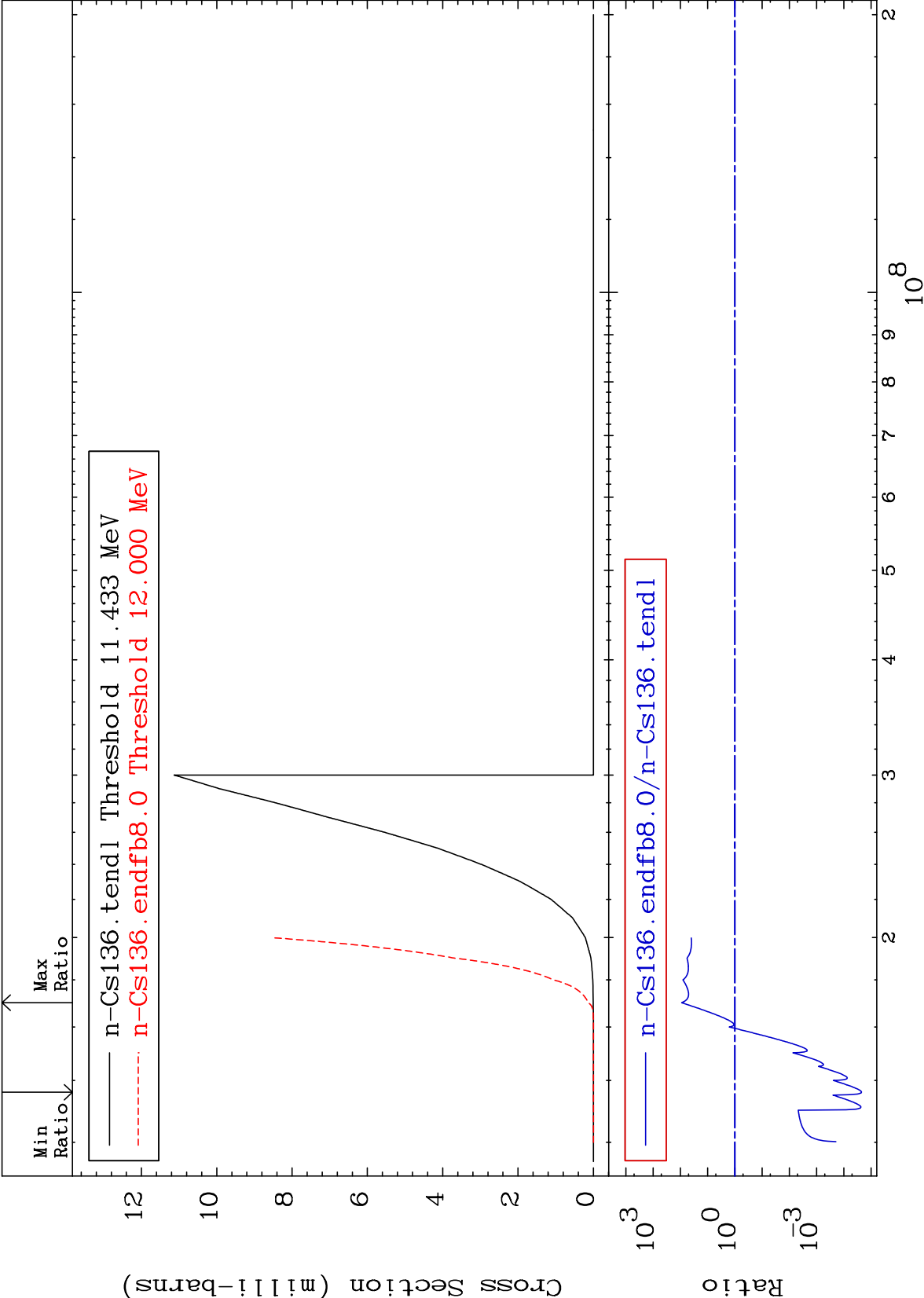
MAT 5534

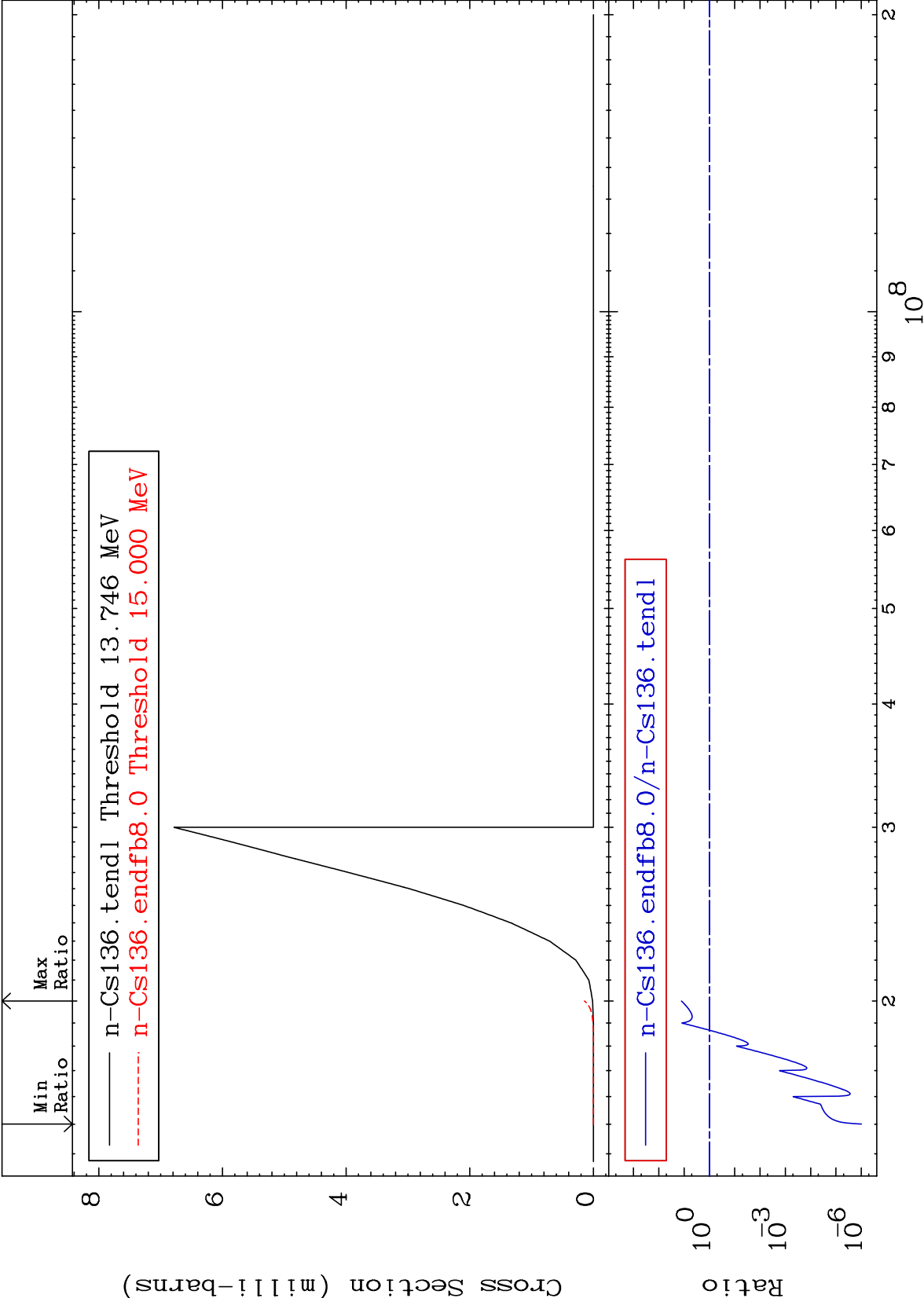
(n,n') p
Cross Section

55-Cs-136
-100.0 To 62.57 %

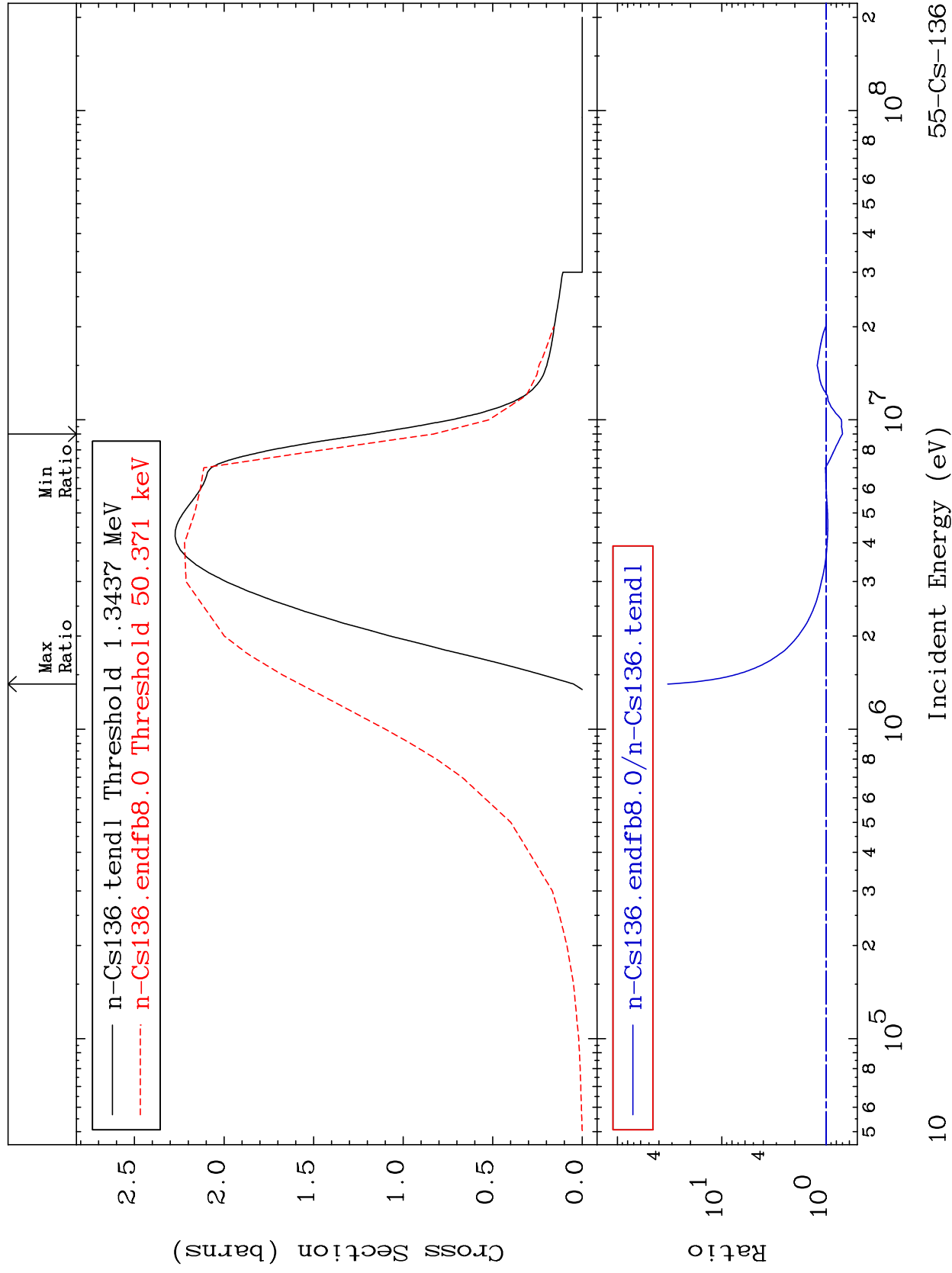


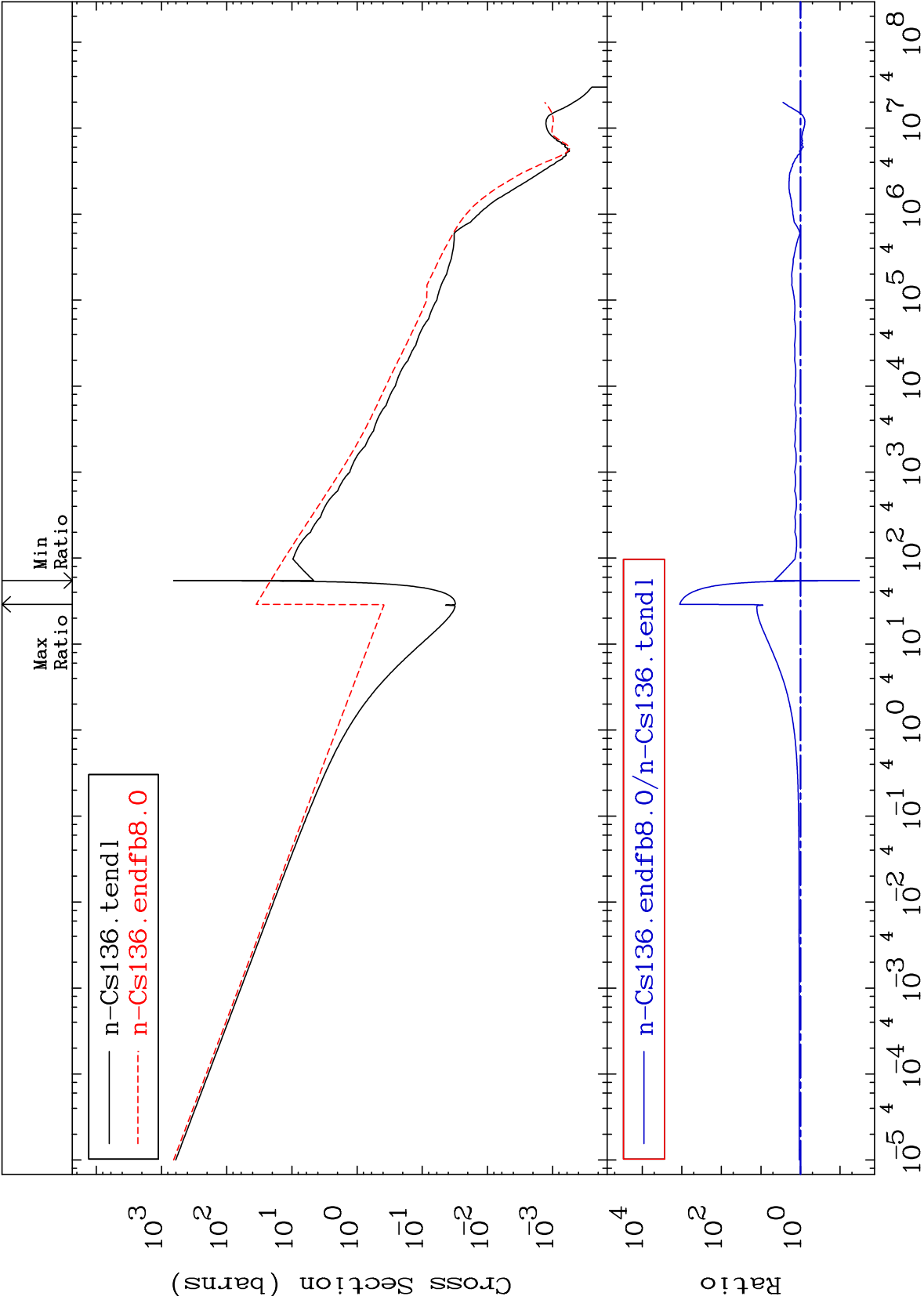
55-Cs-136

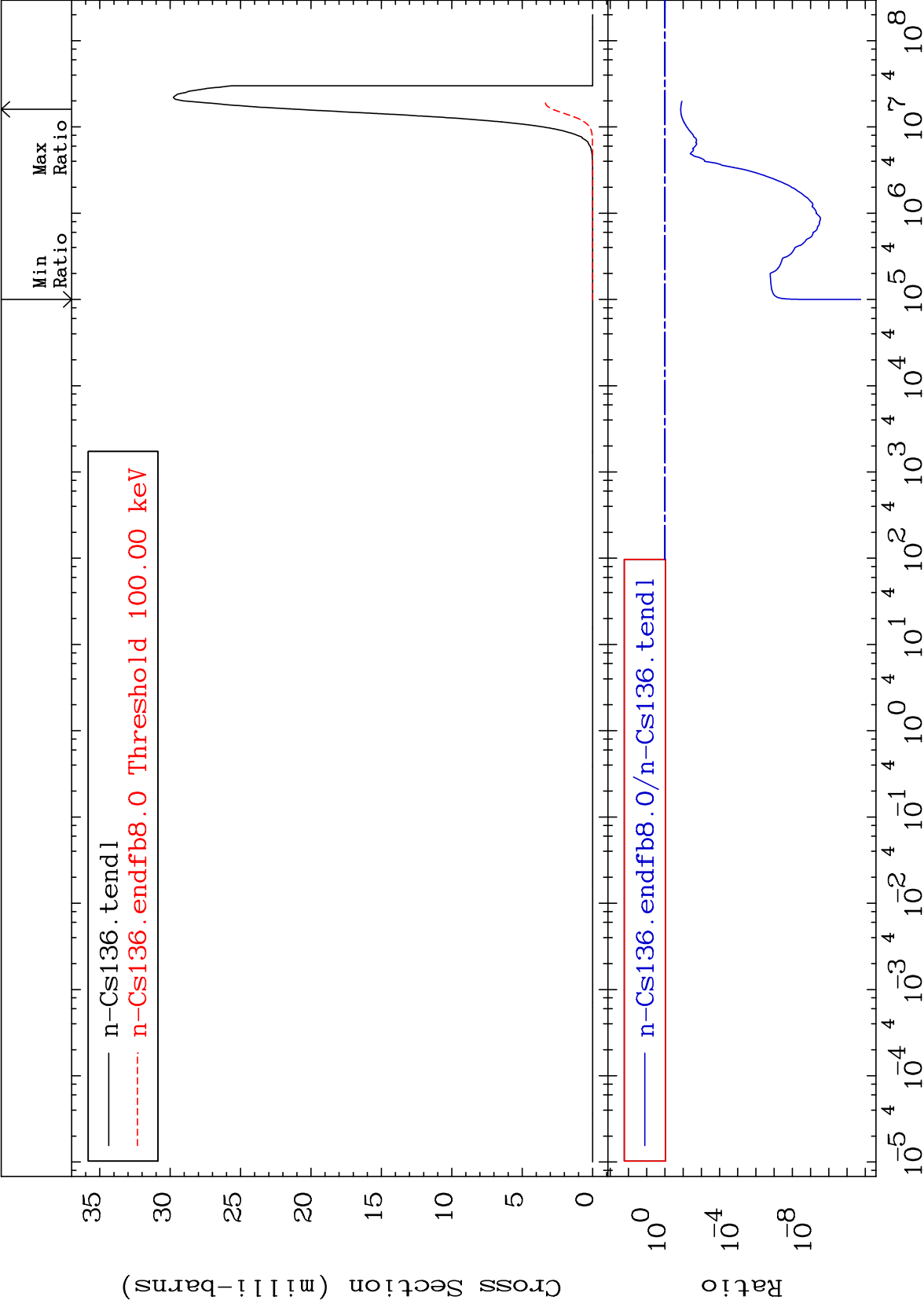




(n, n') Continuum	55-Cs-136
Cross Section	-30.13 To 3199. %







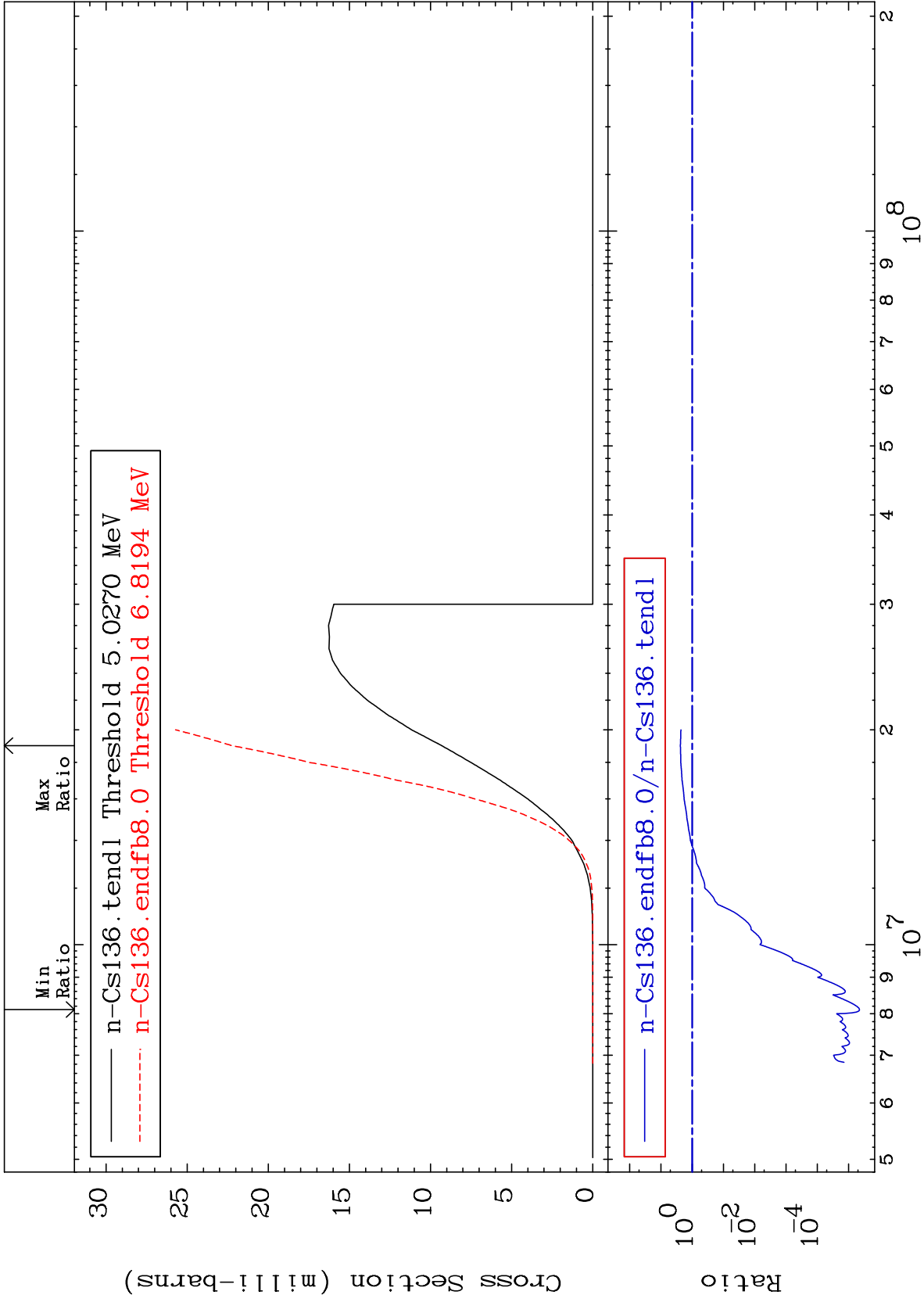
MAT 5534

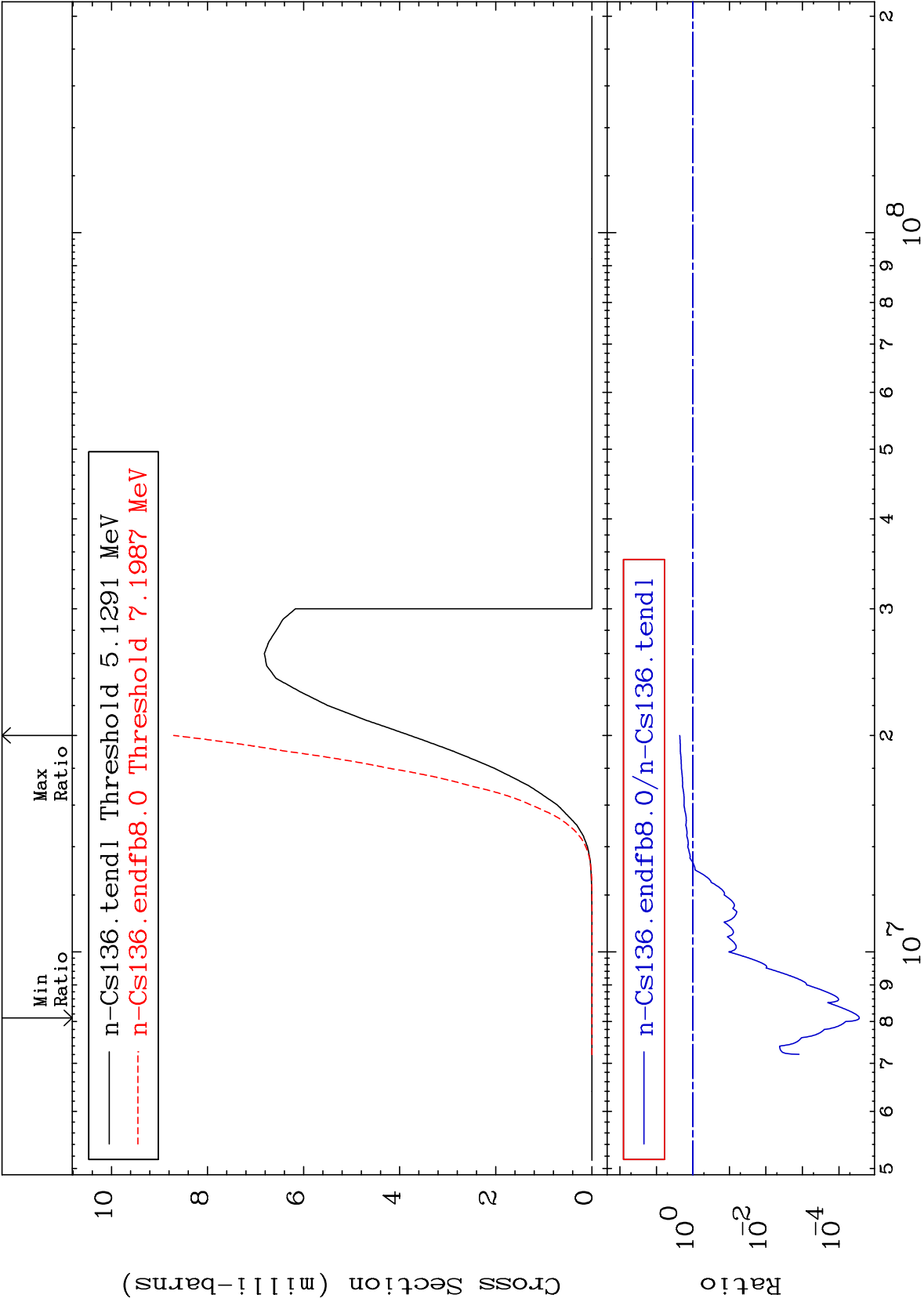
(n,d)

55-Cs-136

Cross Section

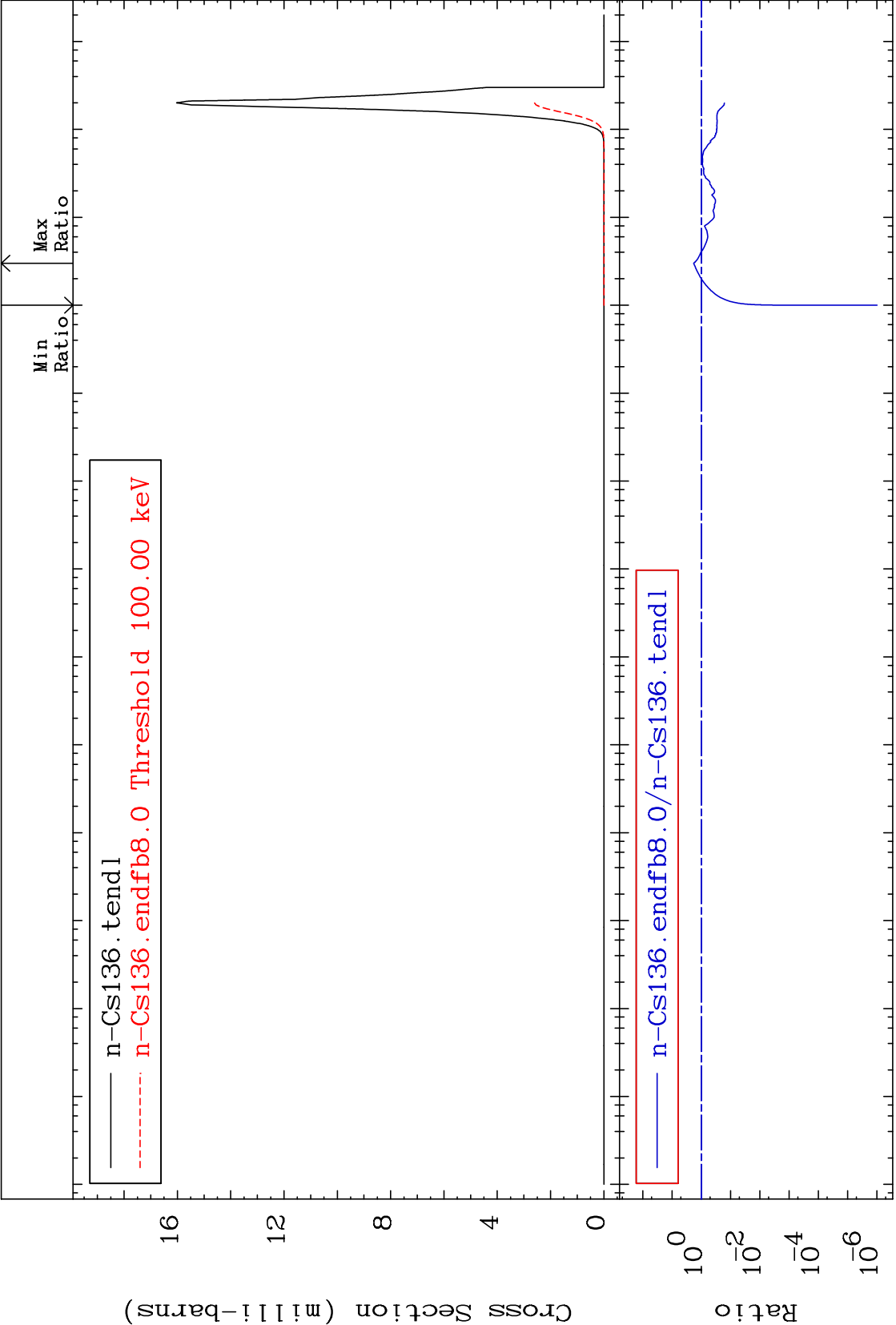
-100.0 To 138.9 %

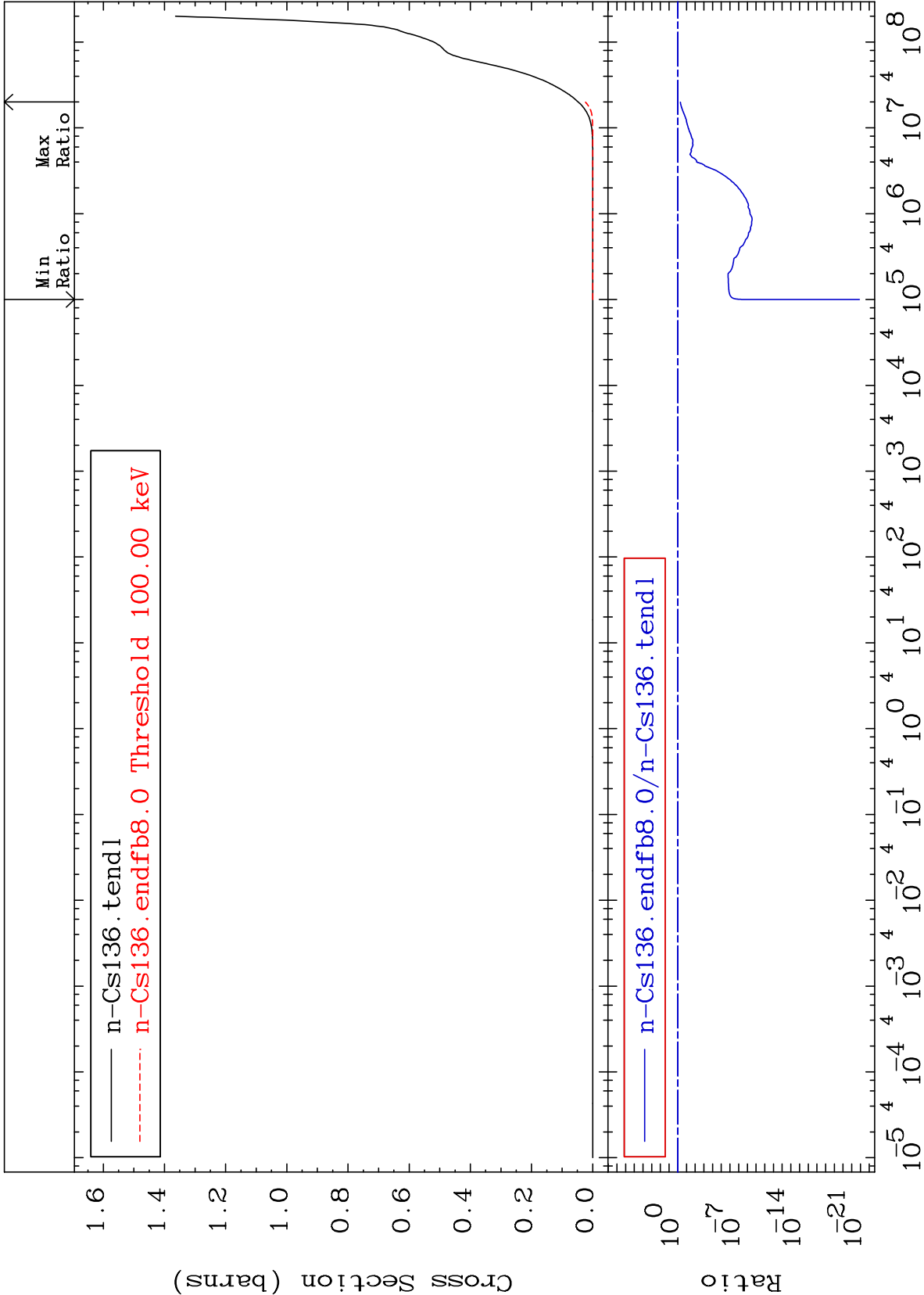


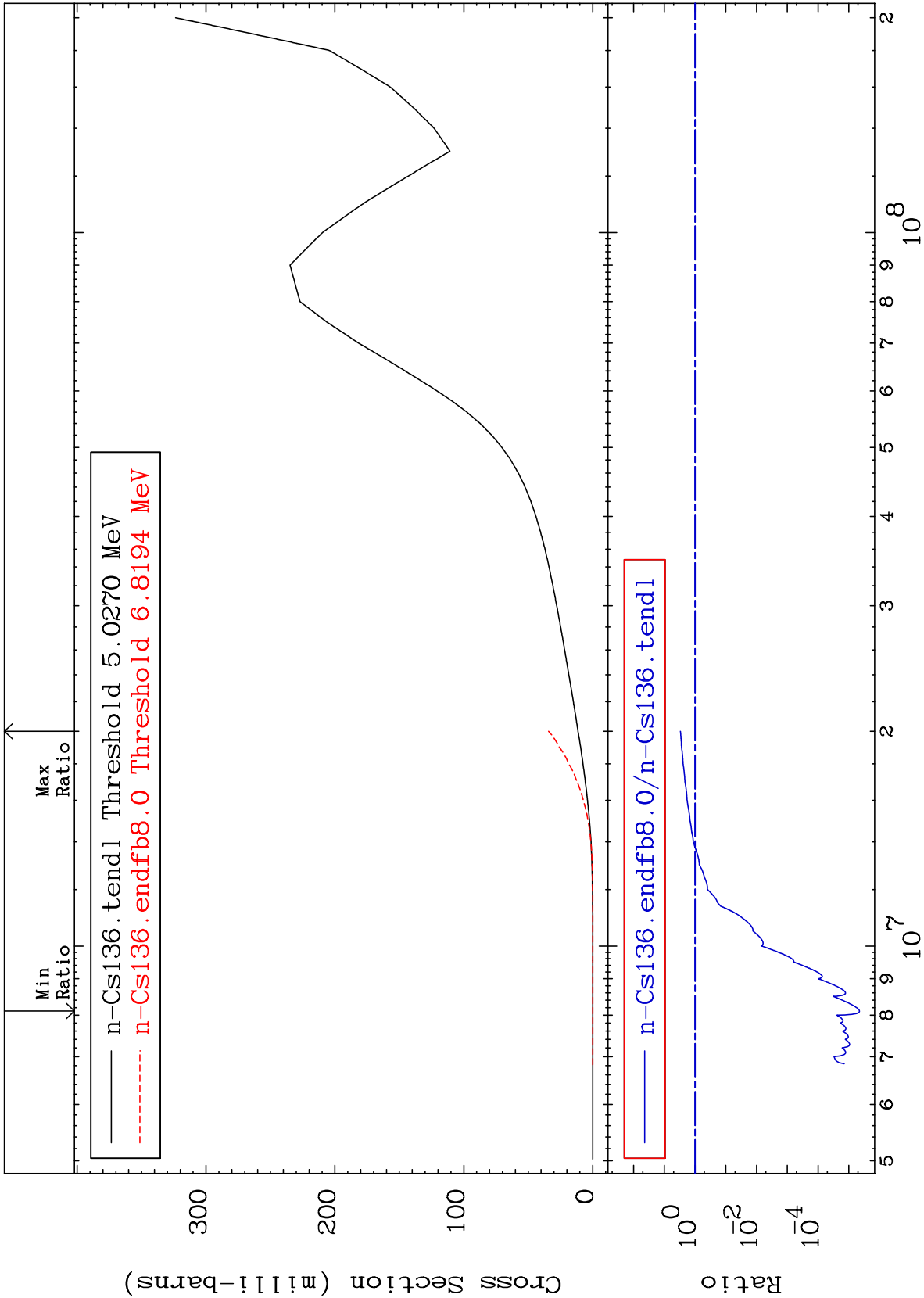


(n, α)
Cross Section

-100.0 To 81.10 %







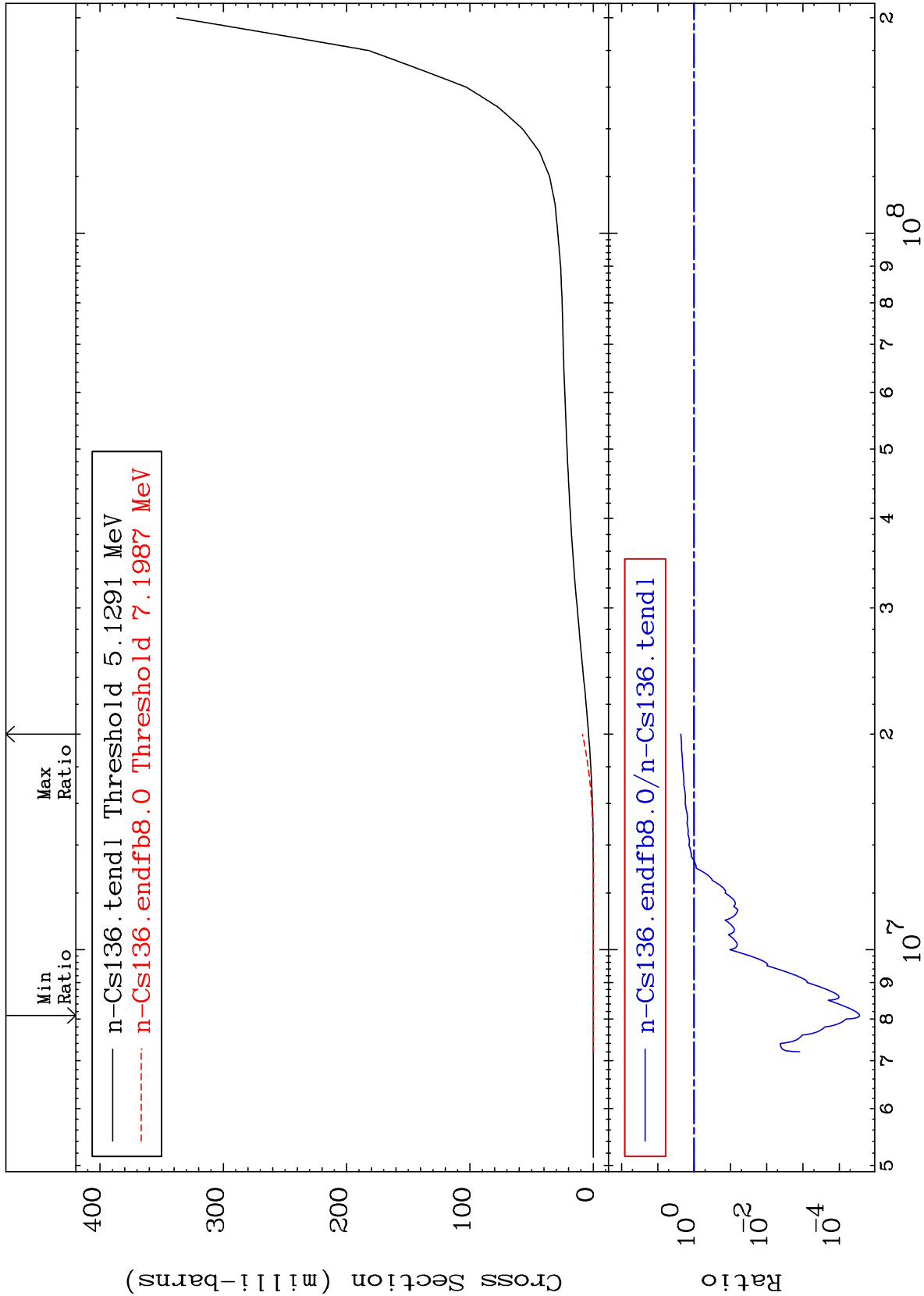
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Tritium Production

55-Cs-136

Cross Section

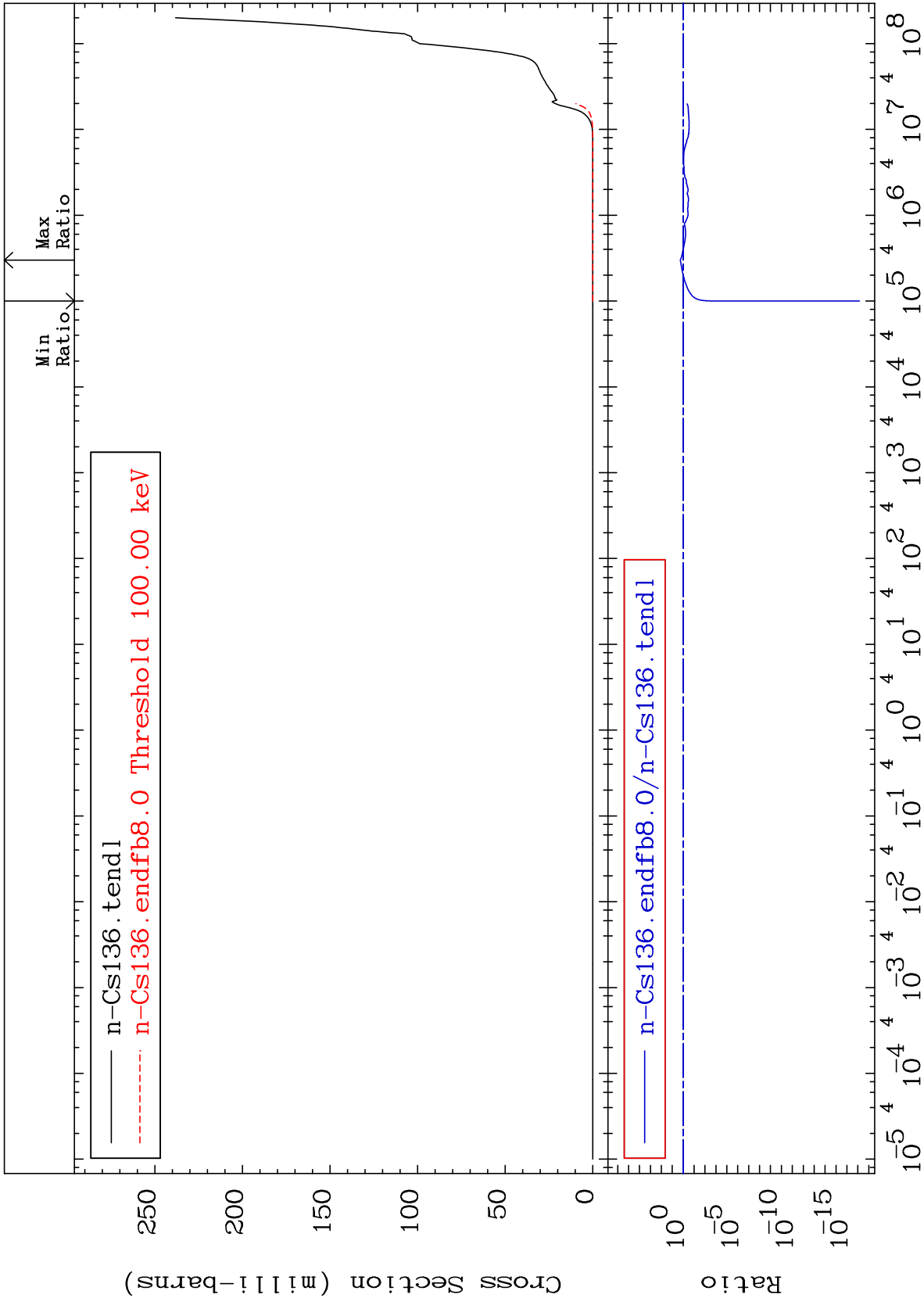
-100.0 To 132.9 %

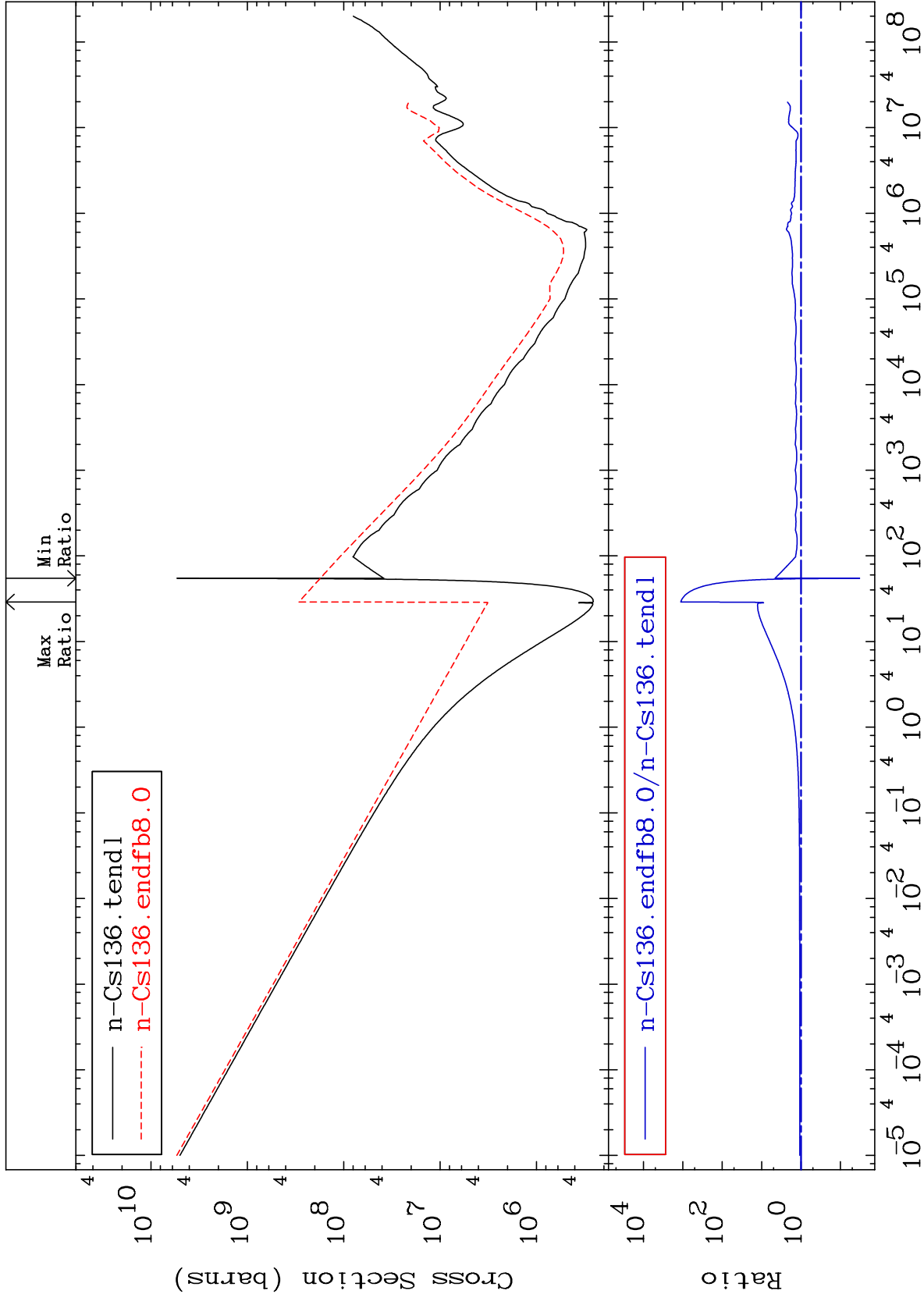


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Incident Energy (eV)

55-Cs-136

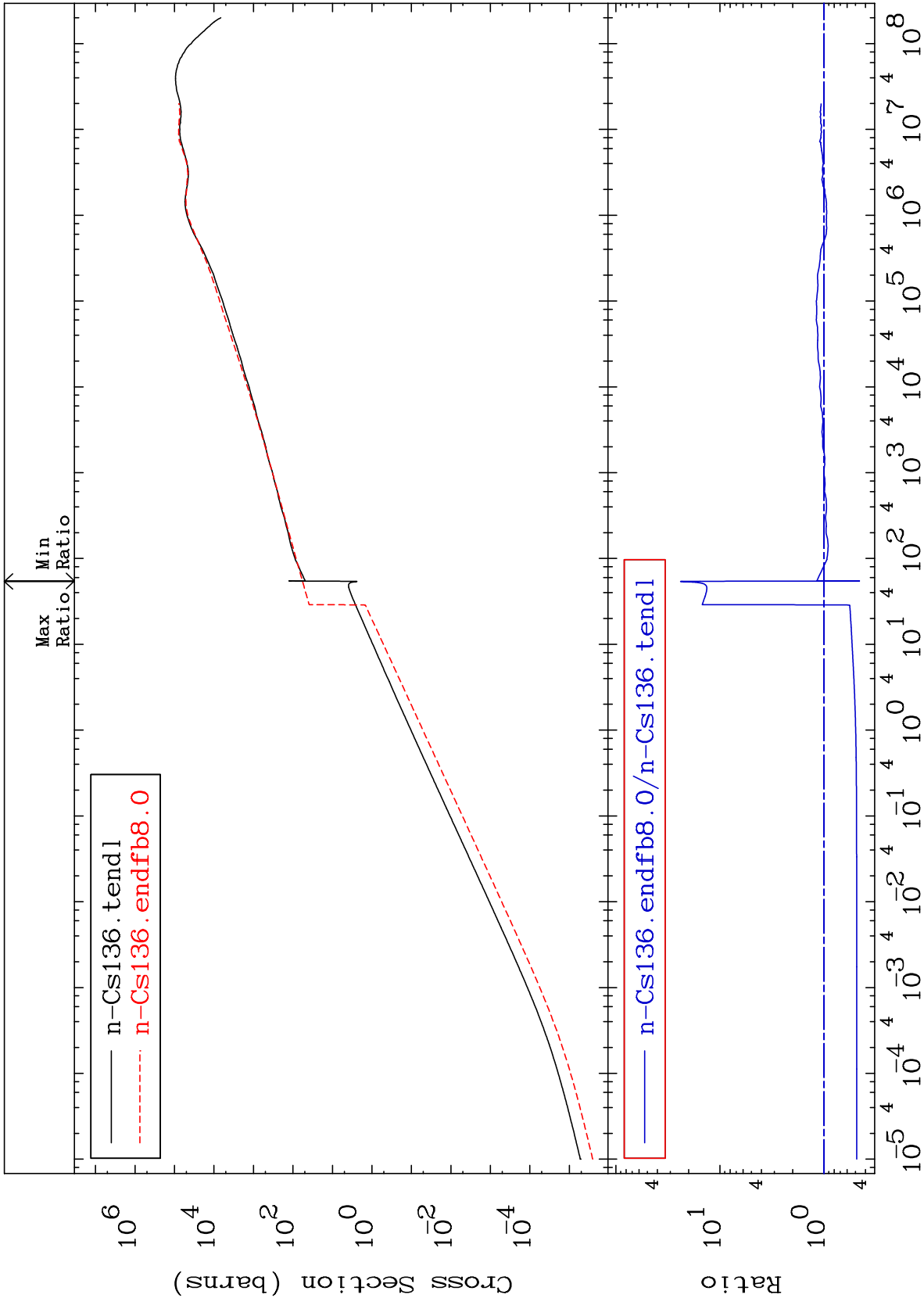


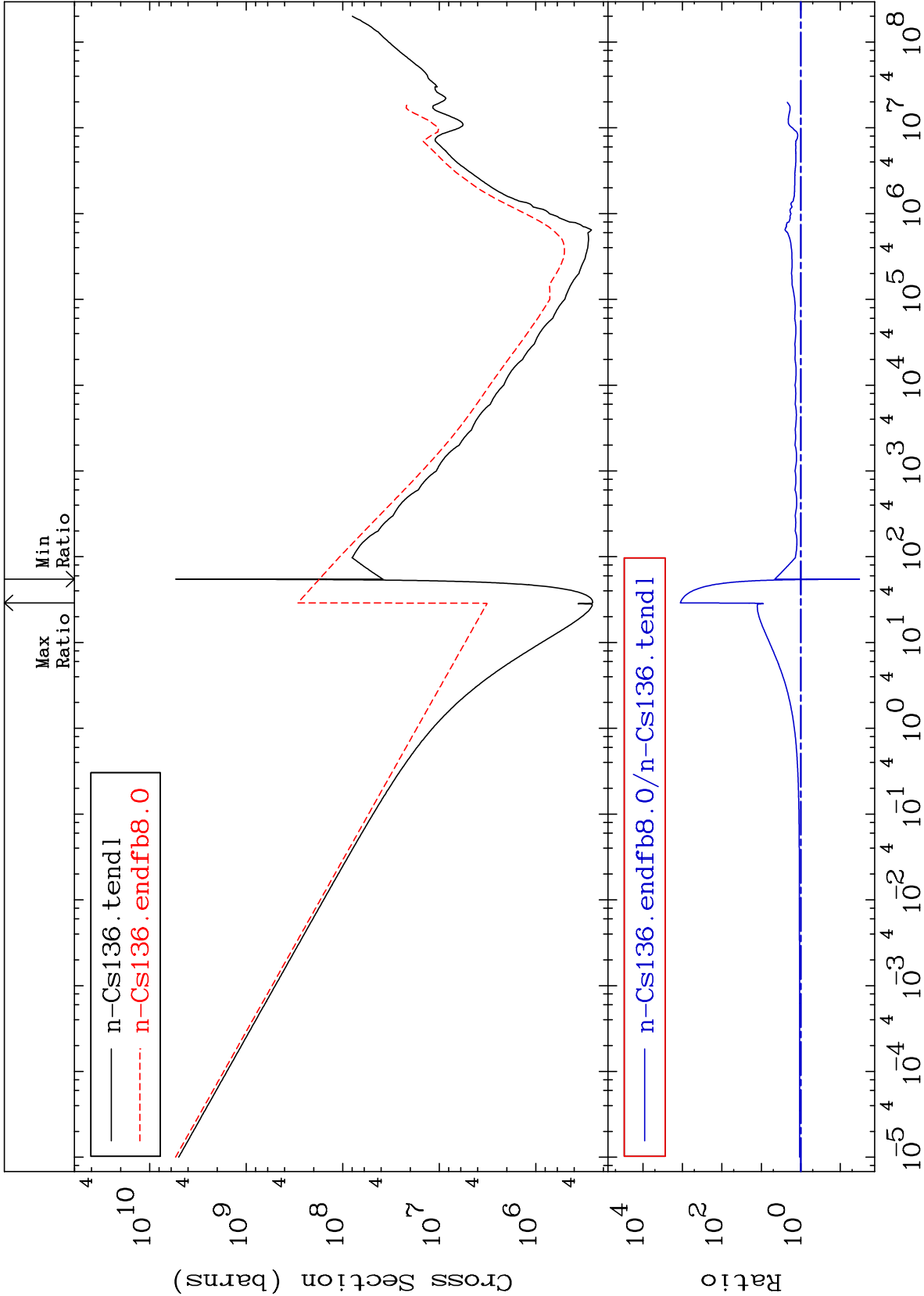


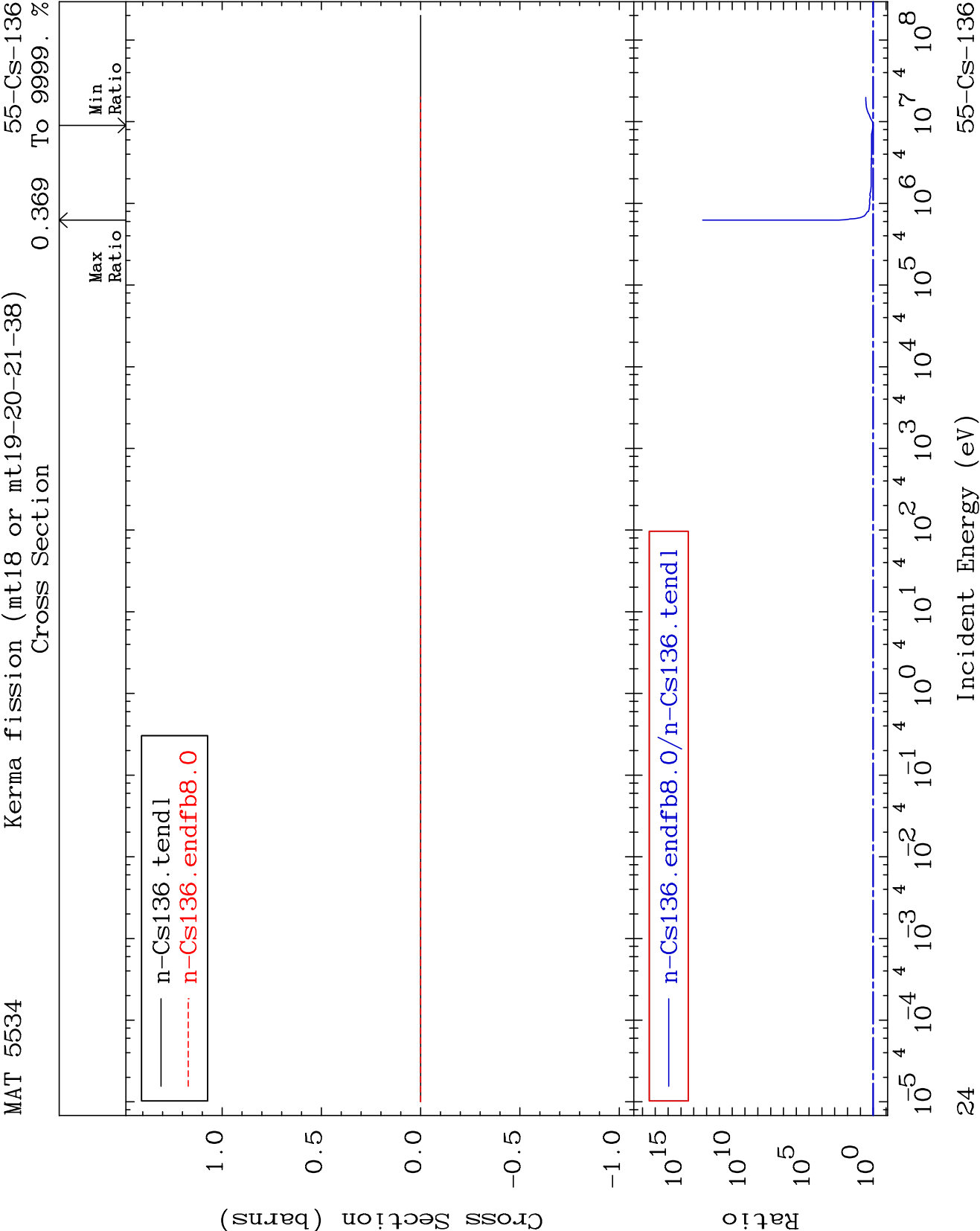
MAT 5534

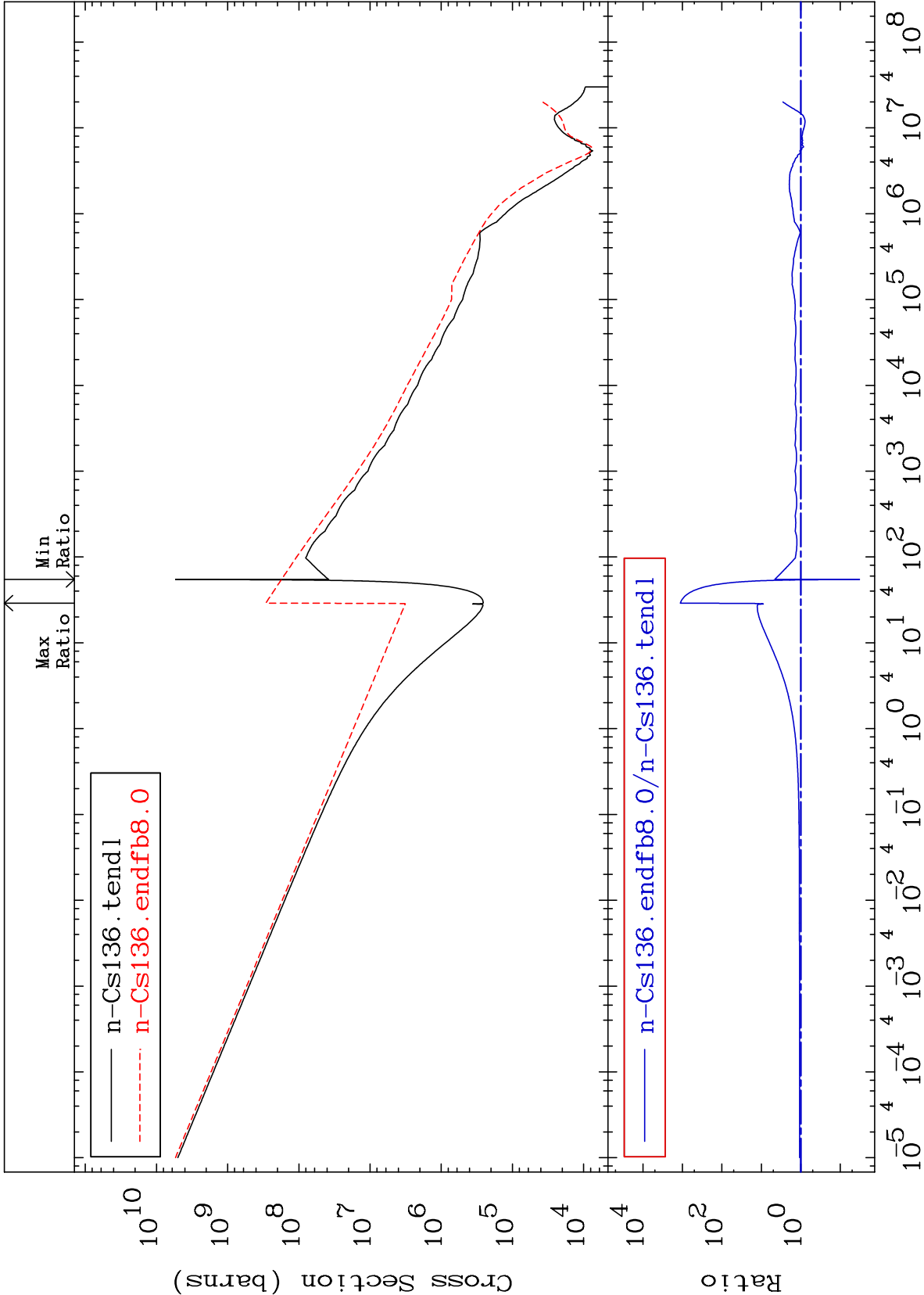
Kerma elastic
Cross Section

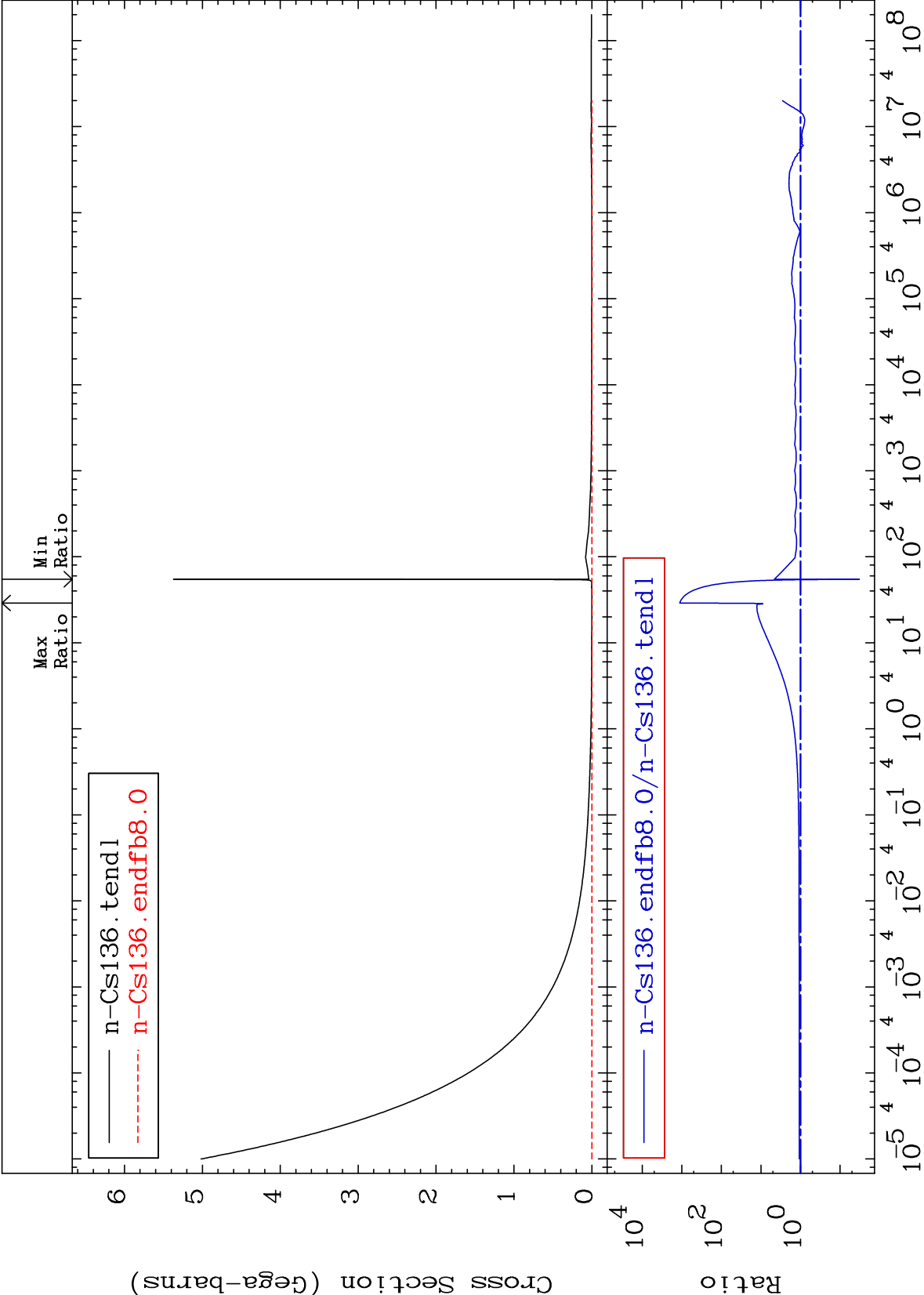
55-Cs-136
-54.27 To 2304. %











Cross Section

Min

Ratio

Max

Ratio

— n-Cs136.tendl
- - - n-Cs136.endfb8.0

— n-Cs136.endfb8.0/n-Cs136.tendl

10^{10}

10^8

10^6

10^4

10^2

10^0

10^{-2}

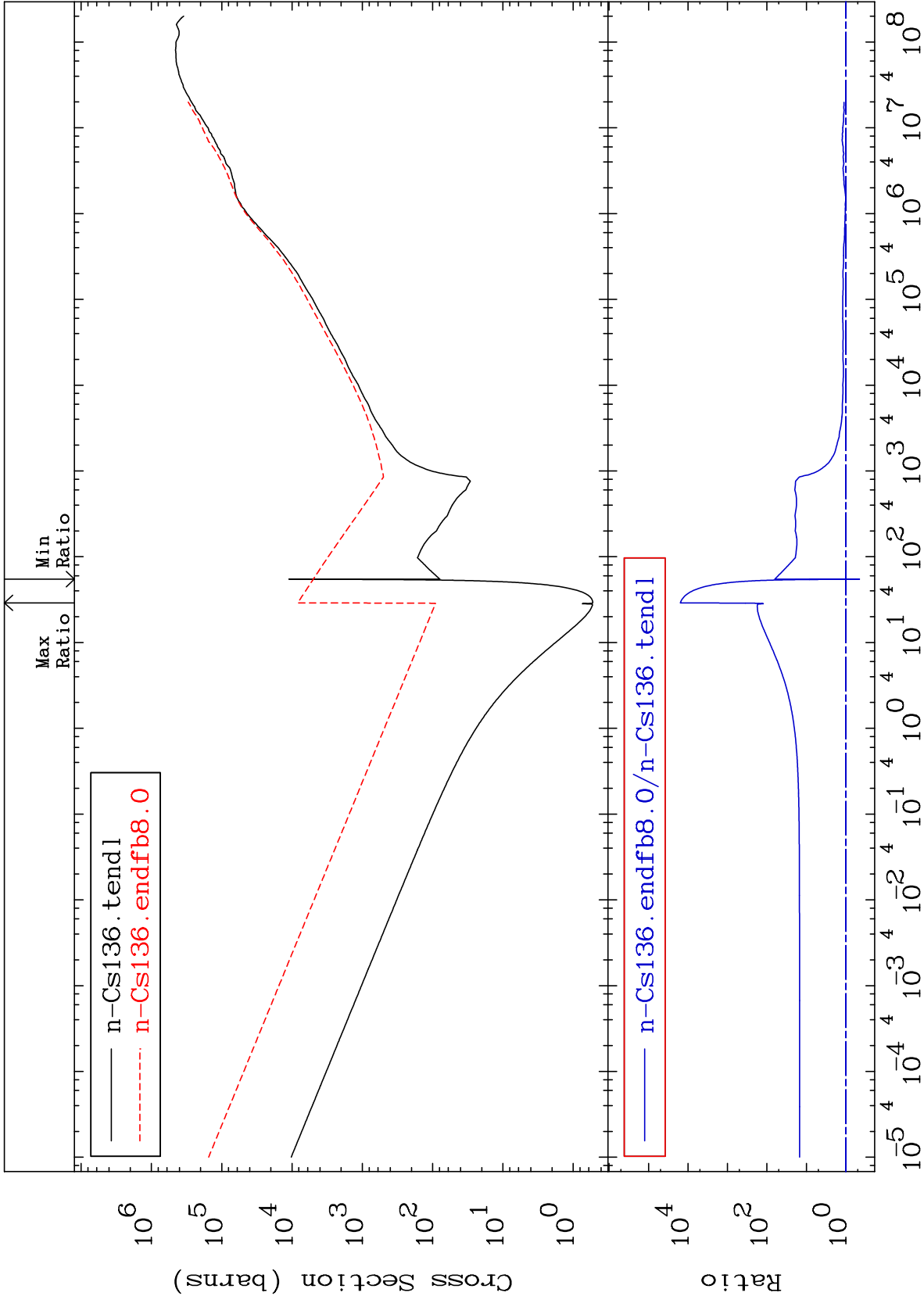
10^{-4}

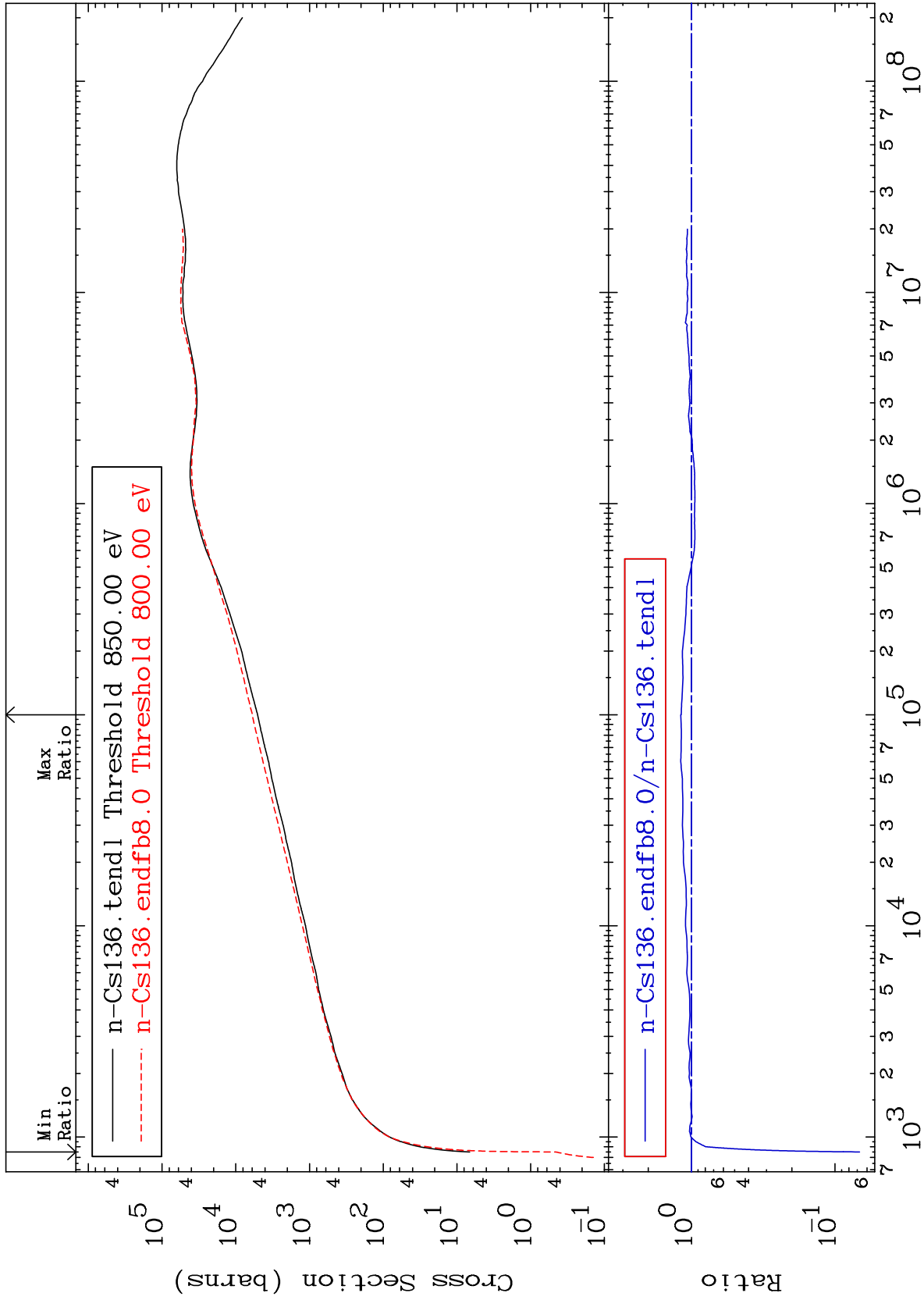
10^{-6}

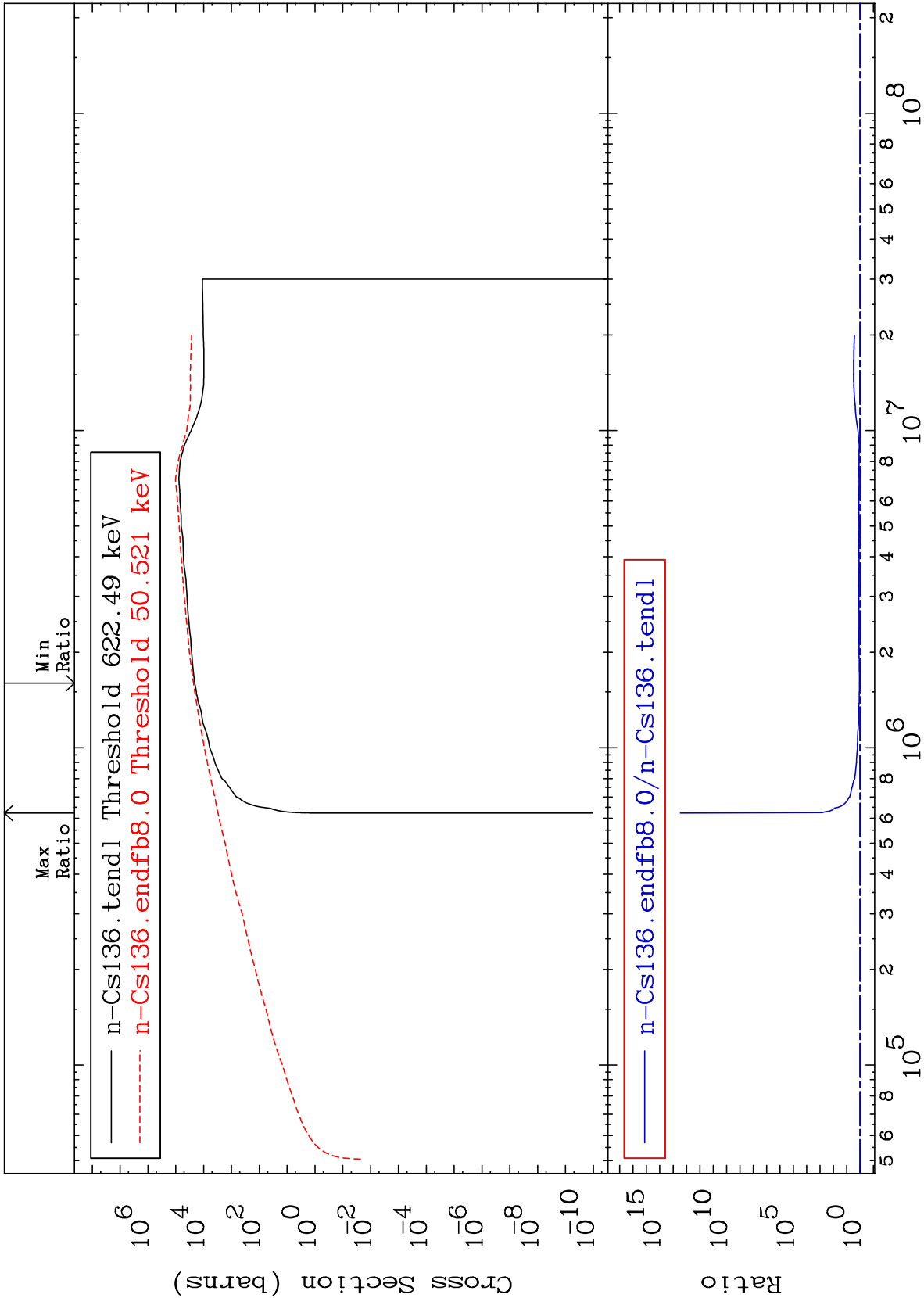
Cross Section (barns)

Ratio

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8







MAT 5534

Dpa disappearance (mt102 -120)

55-Cs-136

Cross Section

-71.90 To 9999. %

