

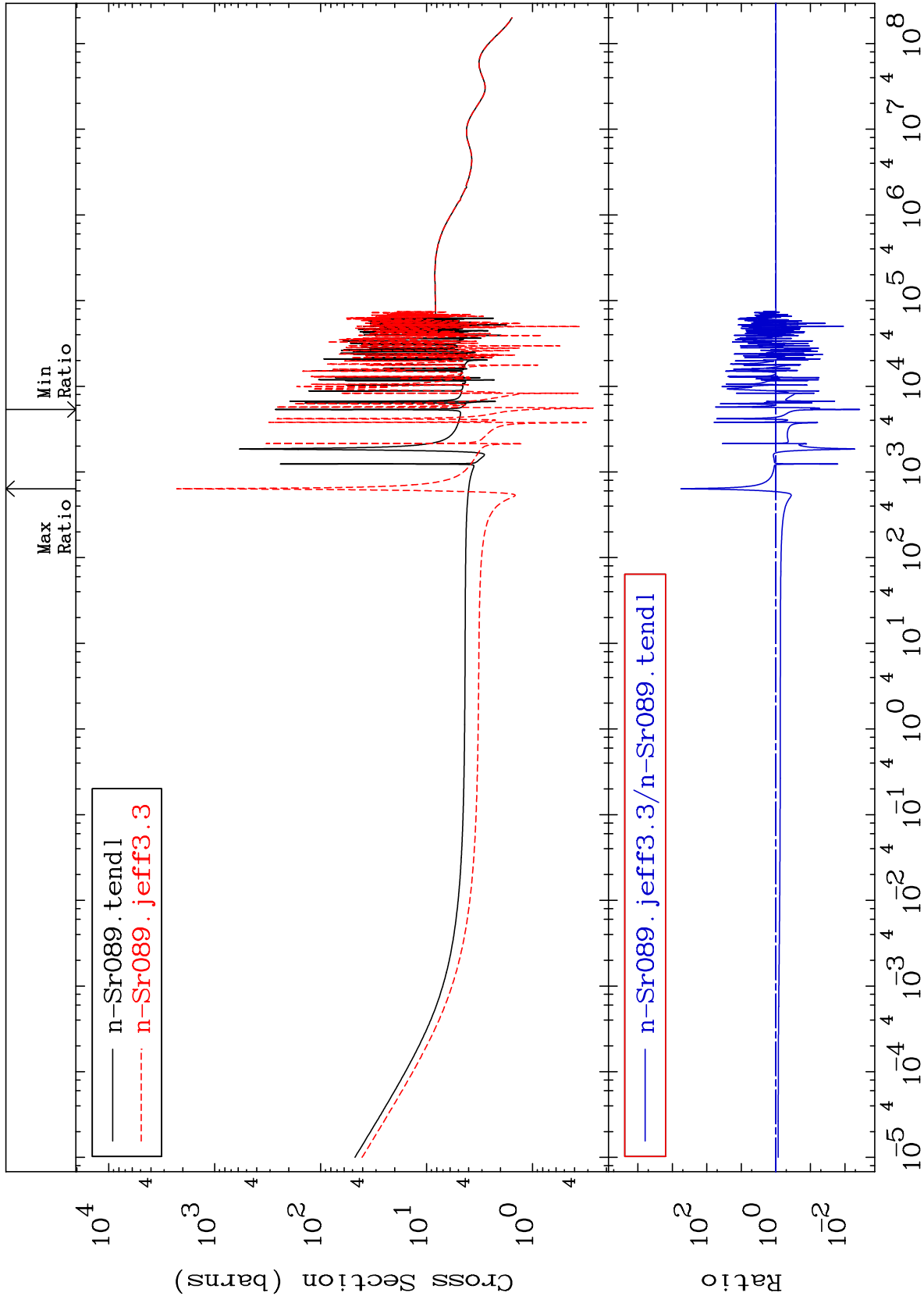
MAT 3840

Total

³⁸Sr-89

Cross Section

-99.62 To 9999. %



Incident Energy (eV)

³⁸Sr-89

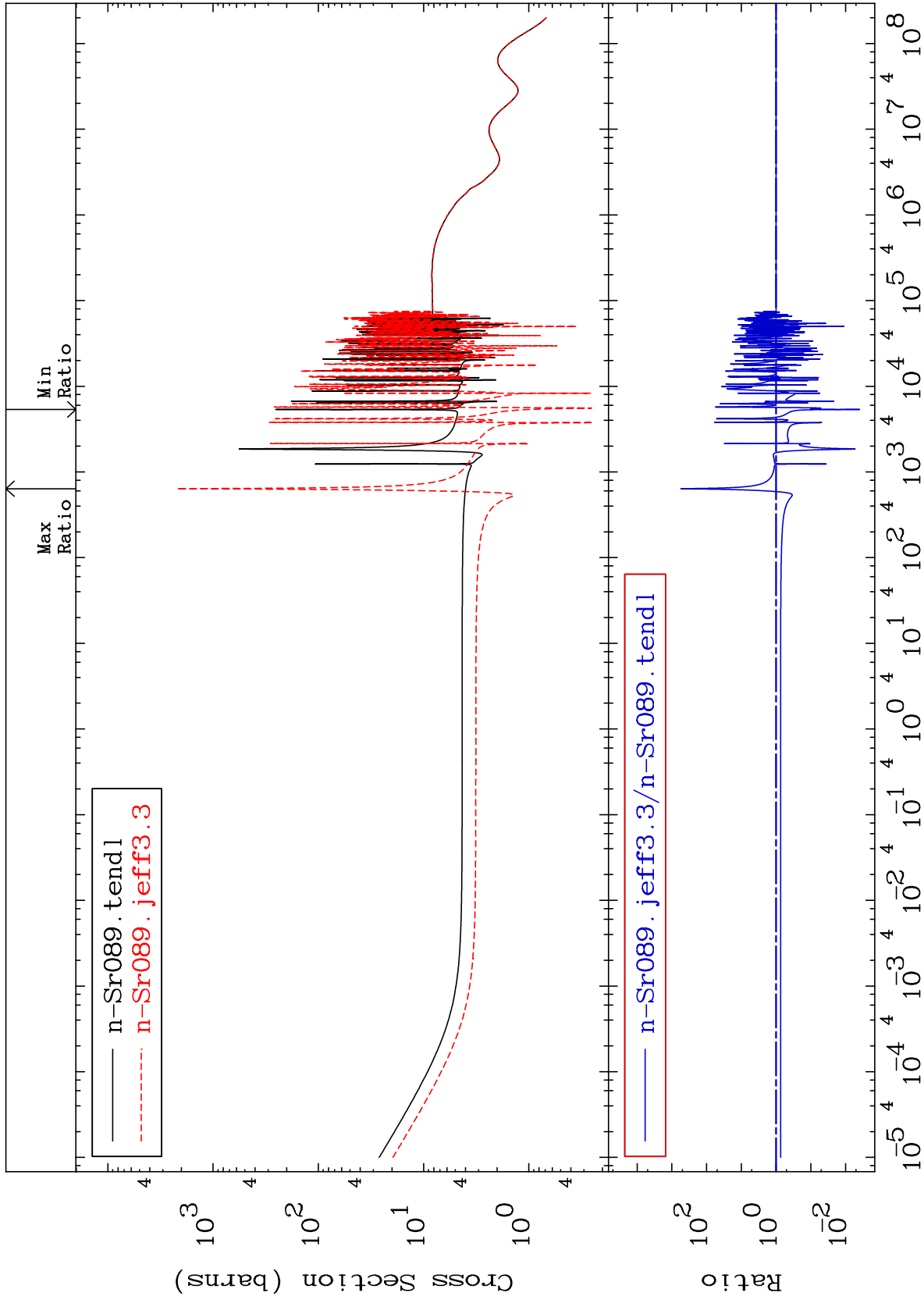
MAT 3840

Elastic

Cross Section

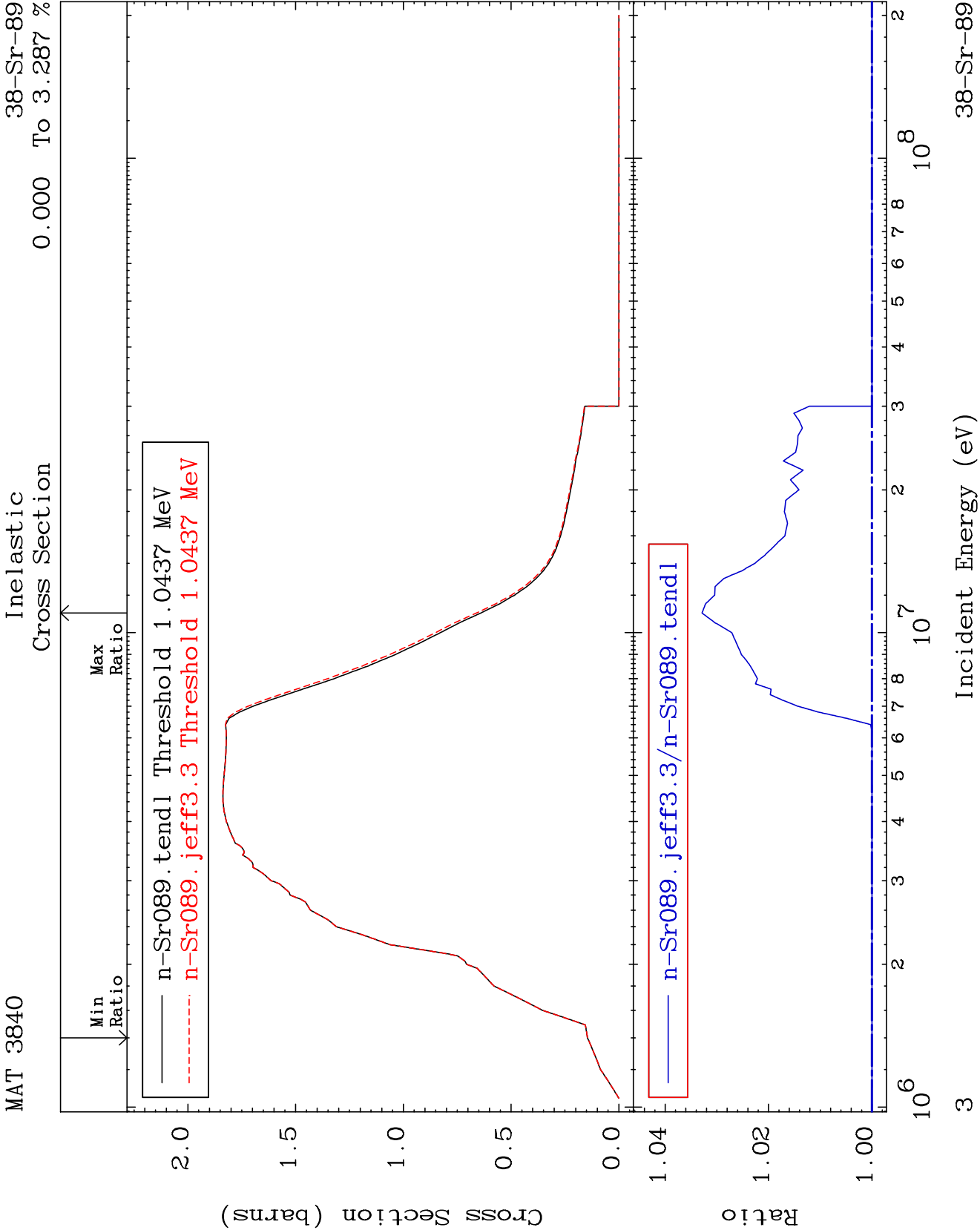
³⁸Sr-89

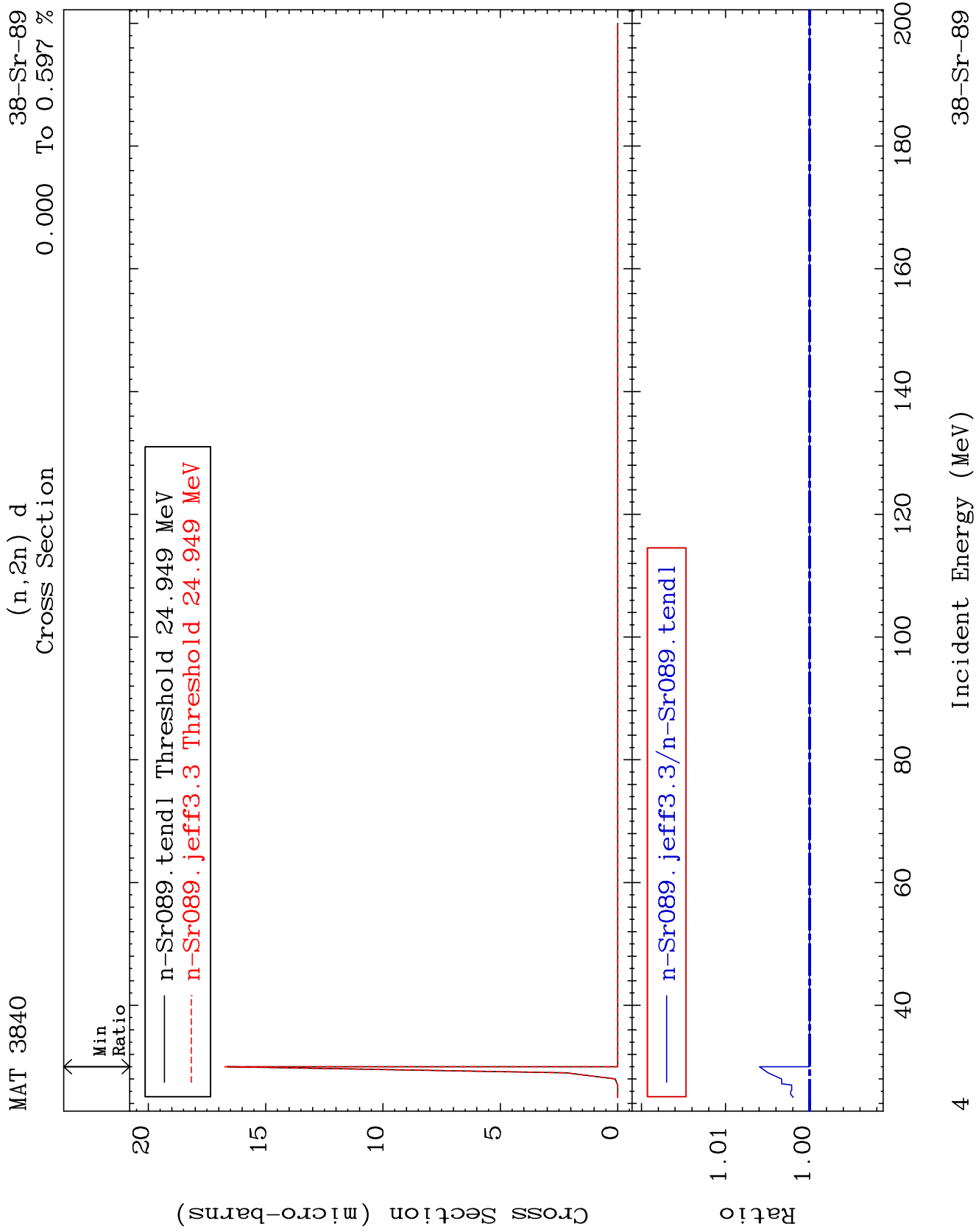
-99.60 To 9999. %

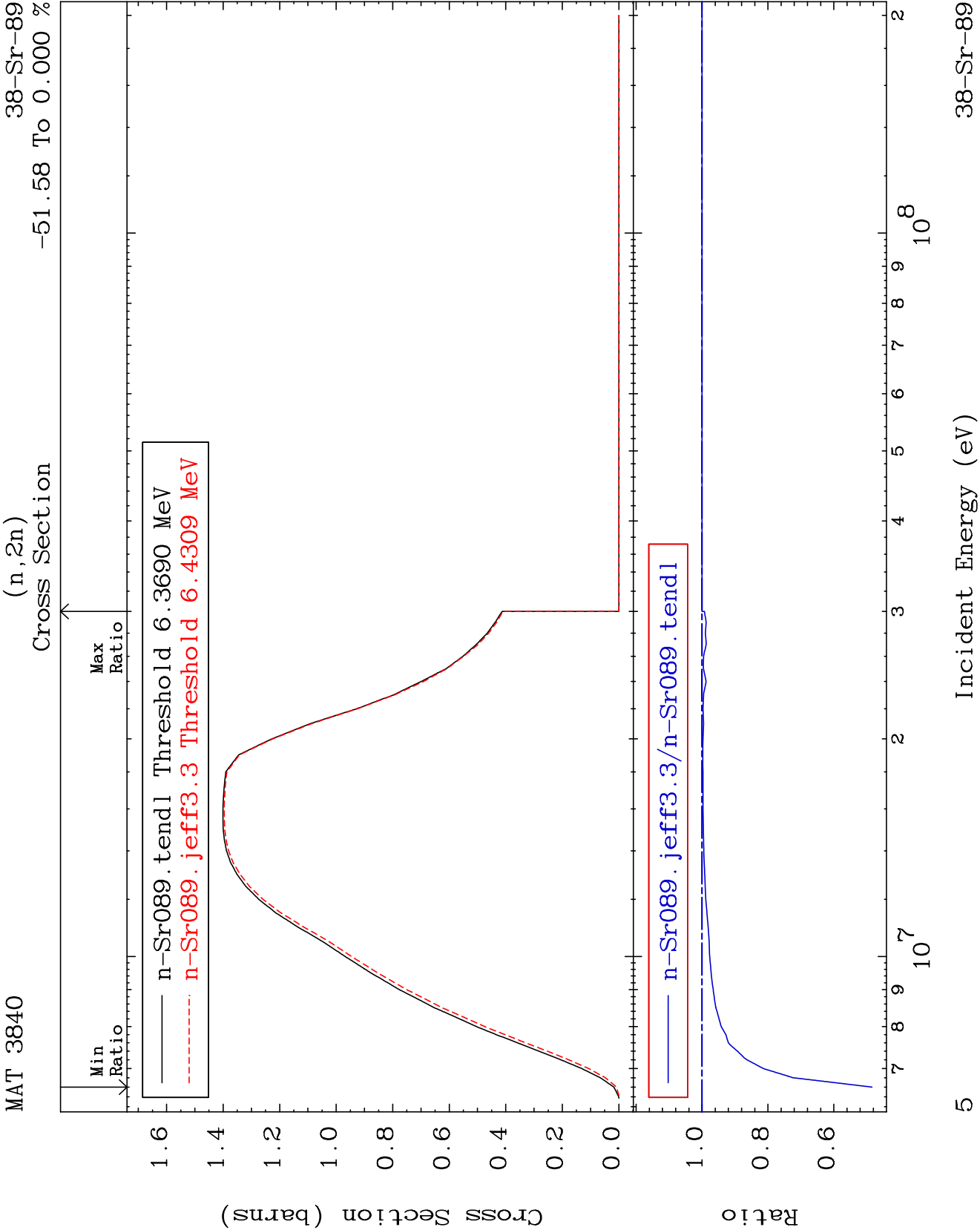


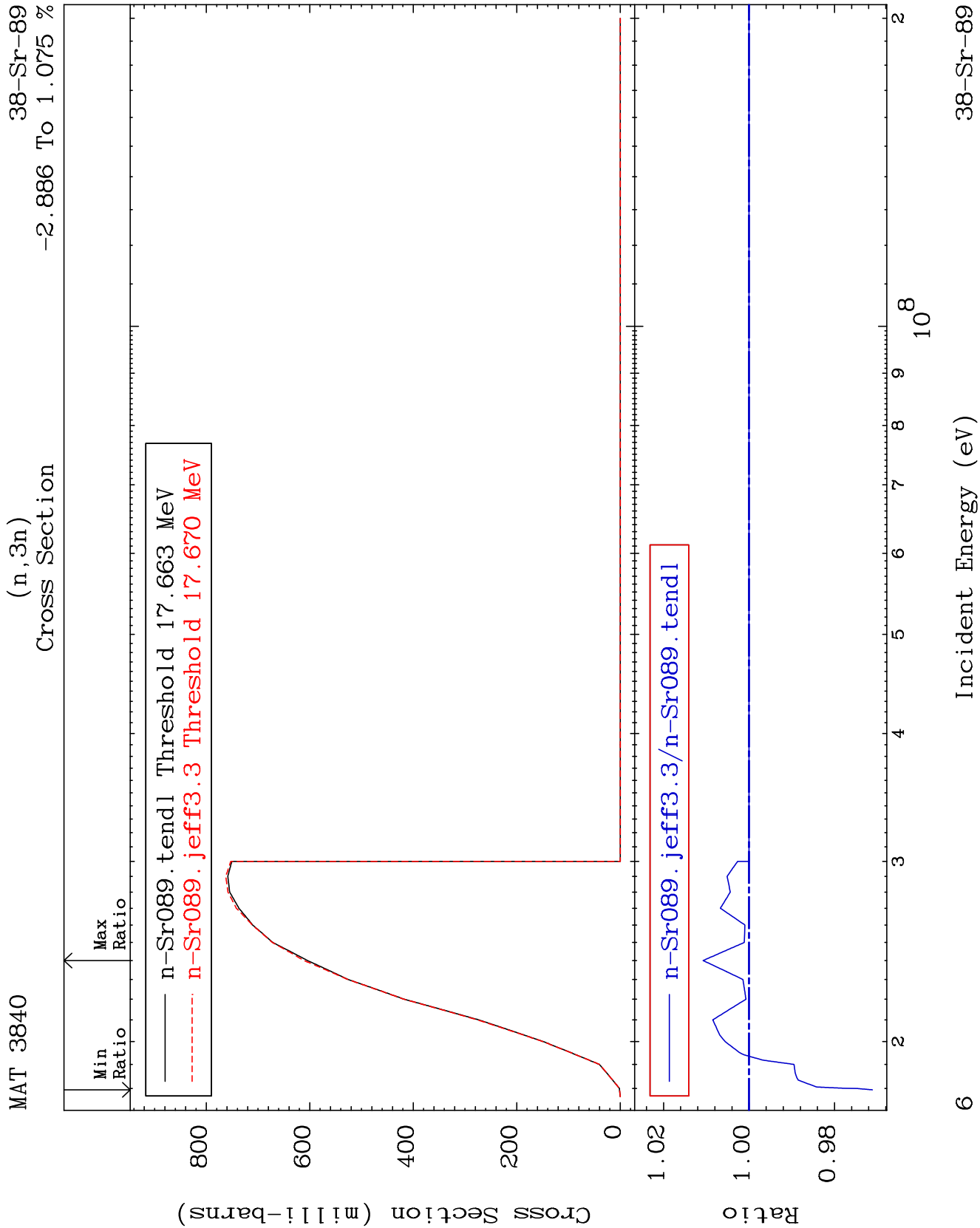
Incident Energy (eV)

³⁸Sr-89





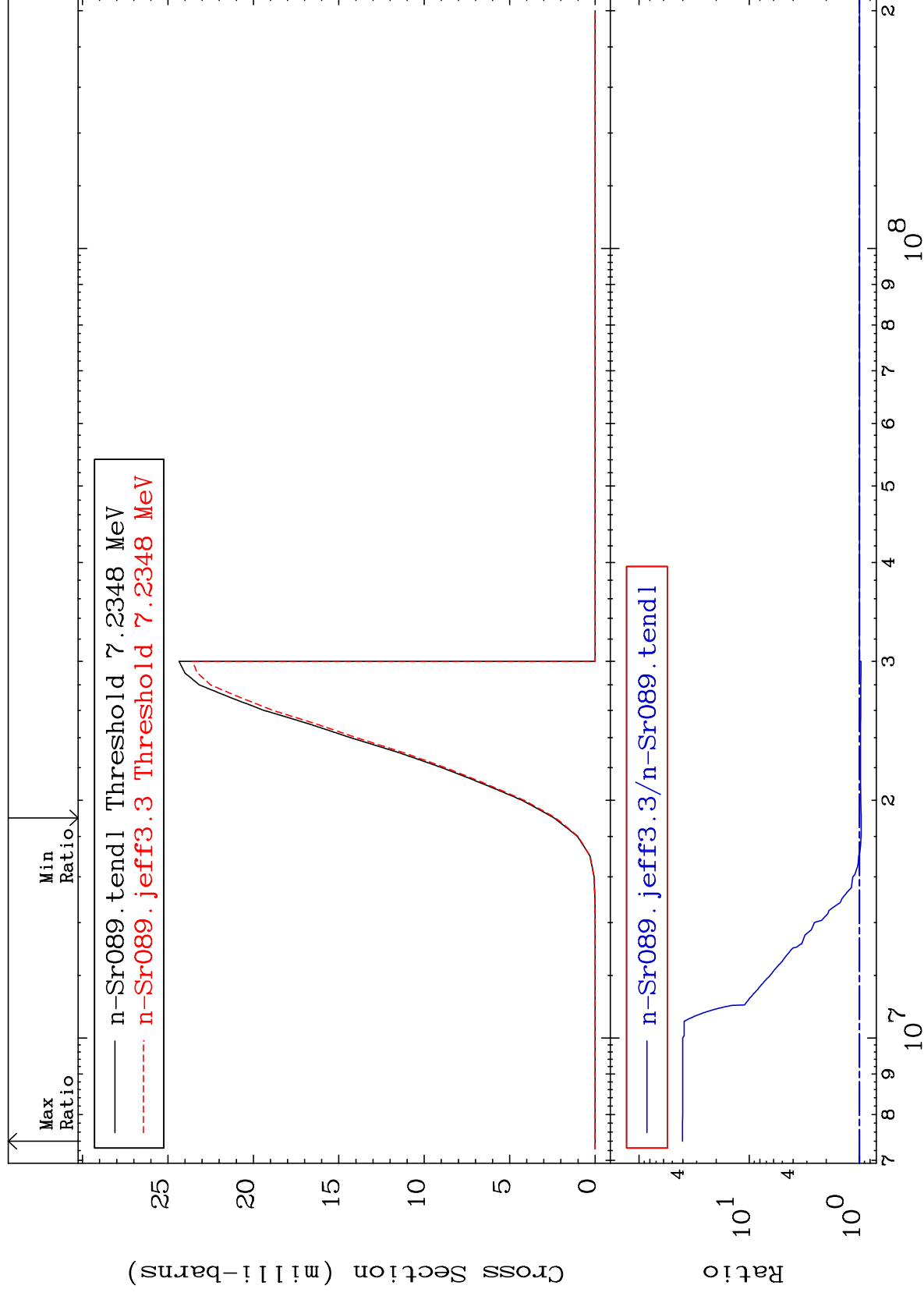




MAT 3840

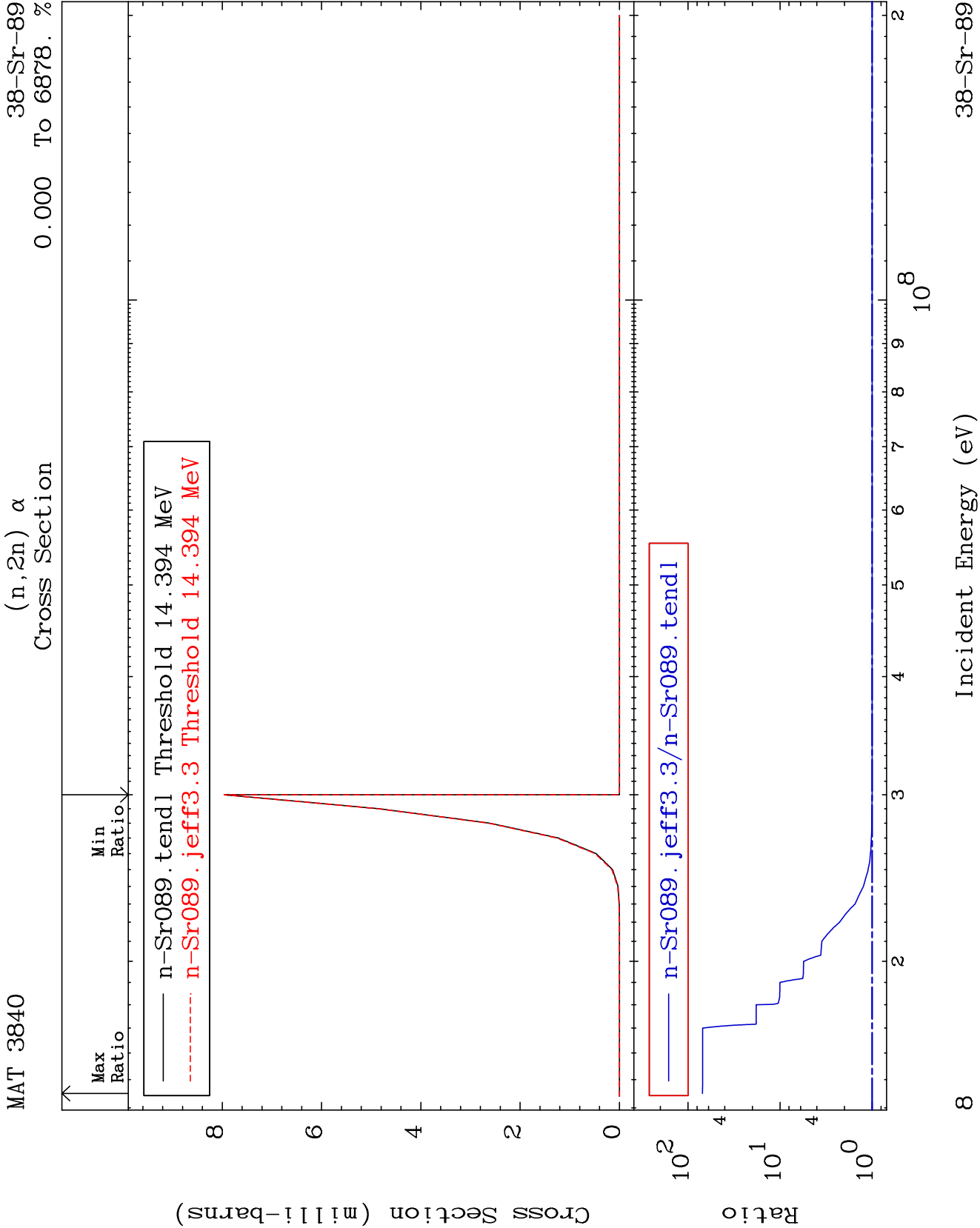
$(n, n') \propto$
Cross Section

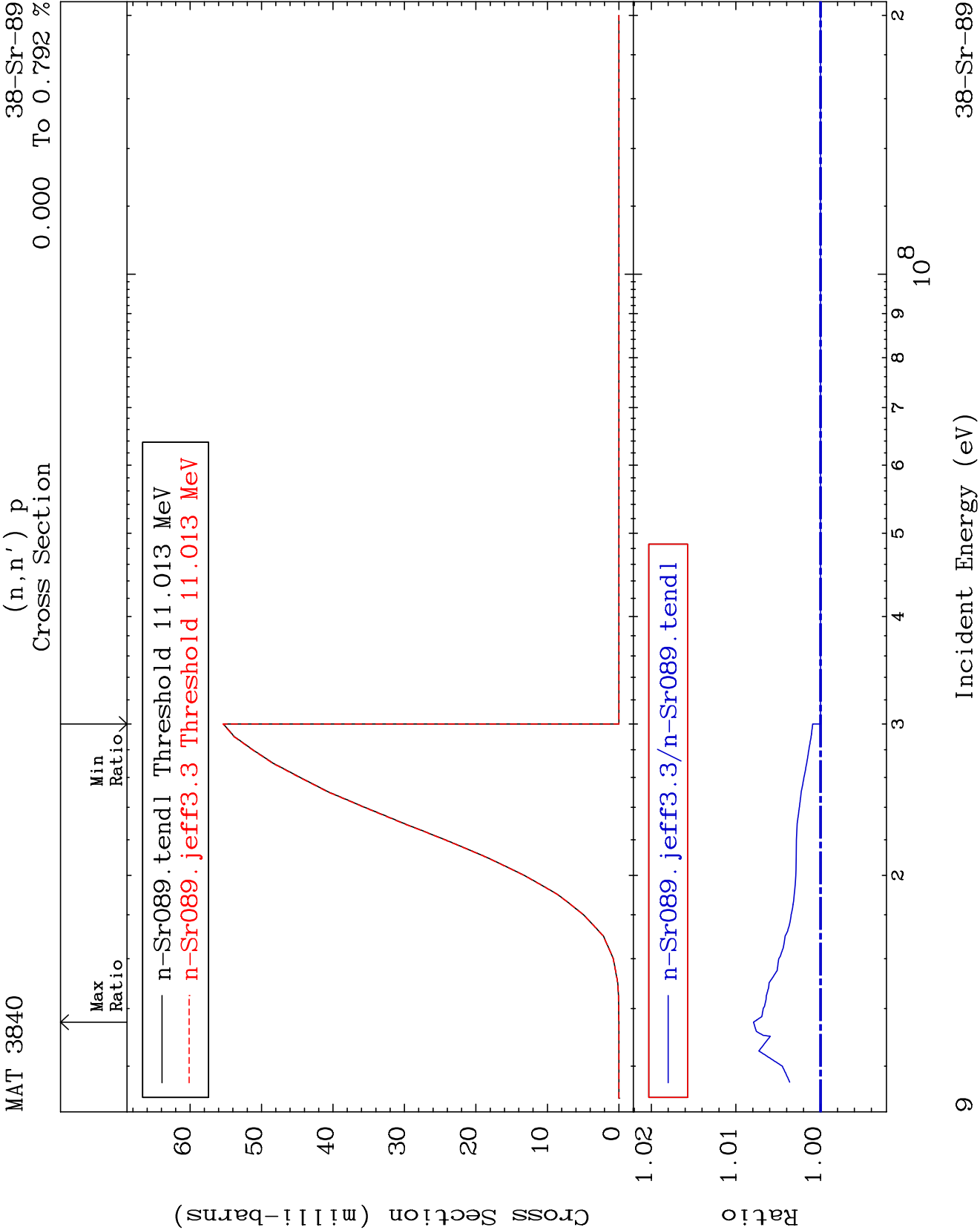
38-Sr-89
-3.599 To 3934. %

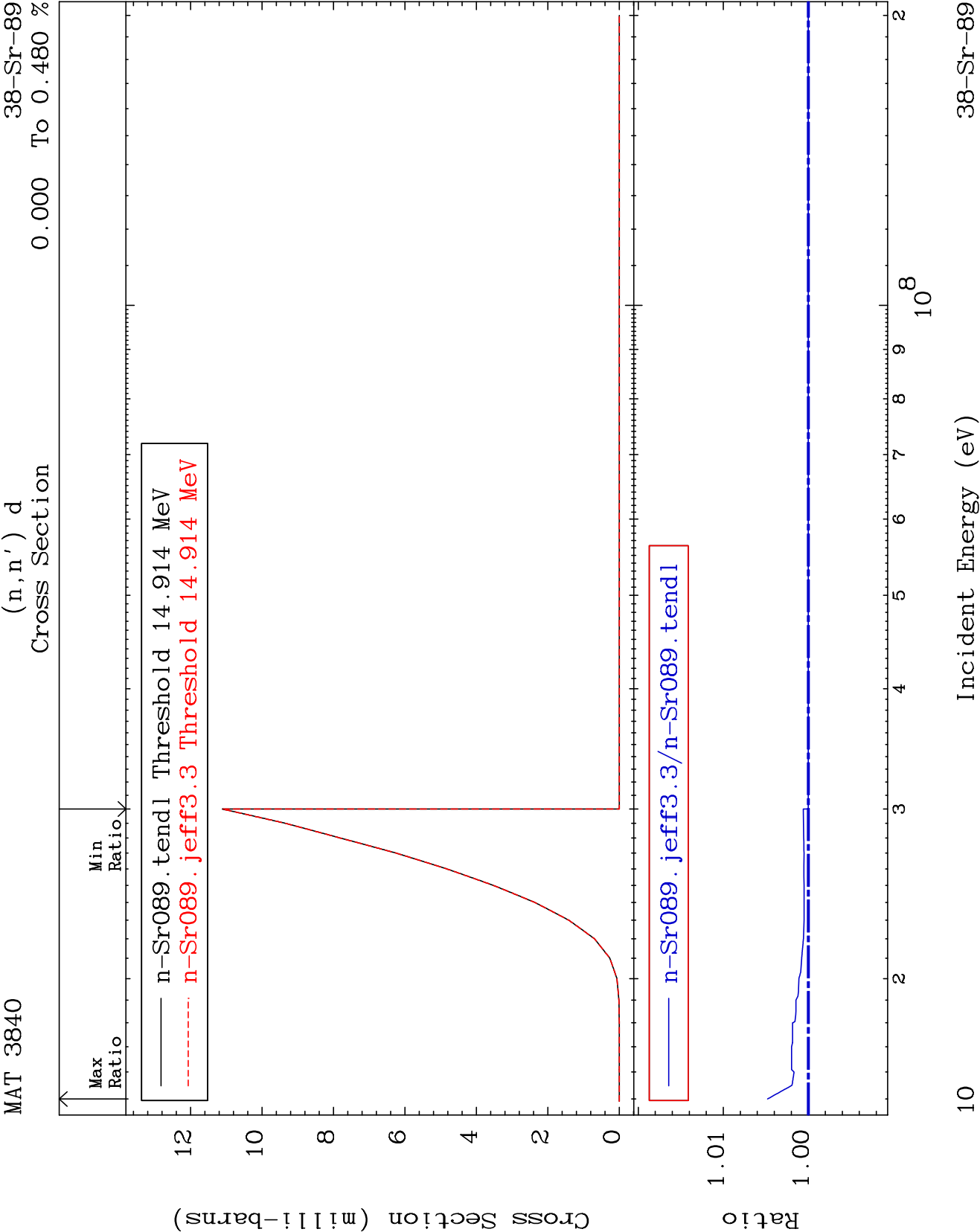
 $\sim$

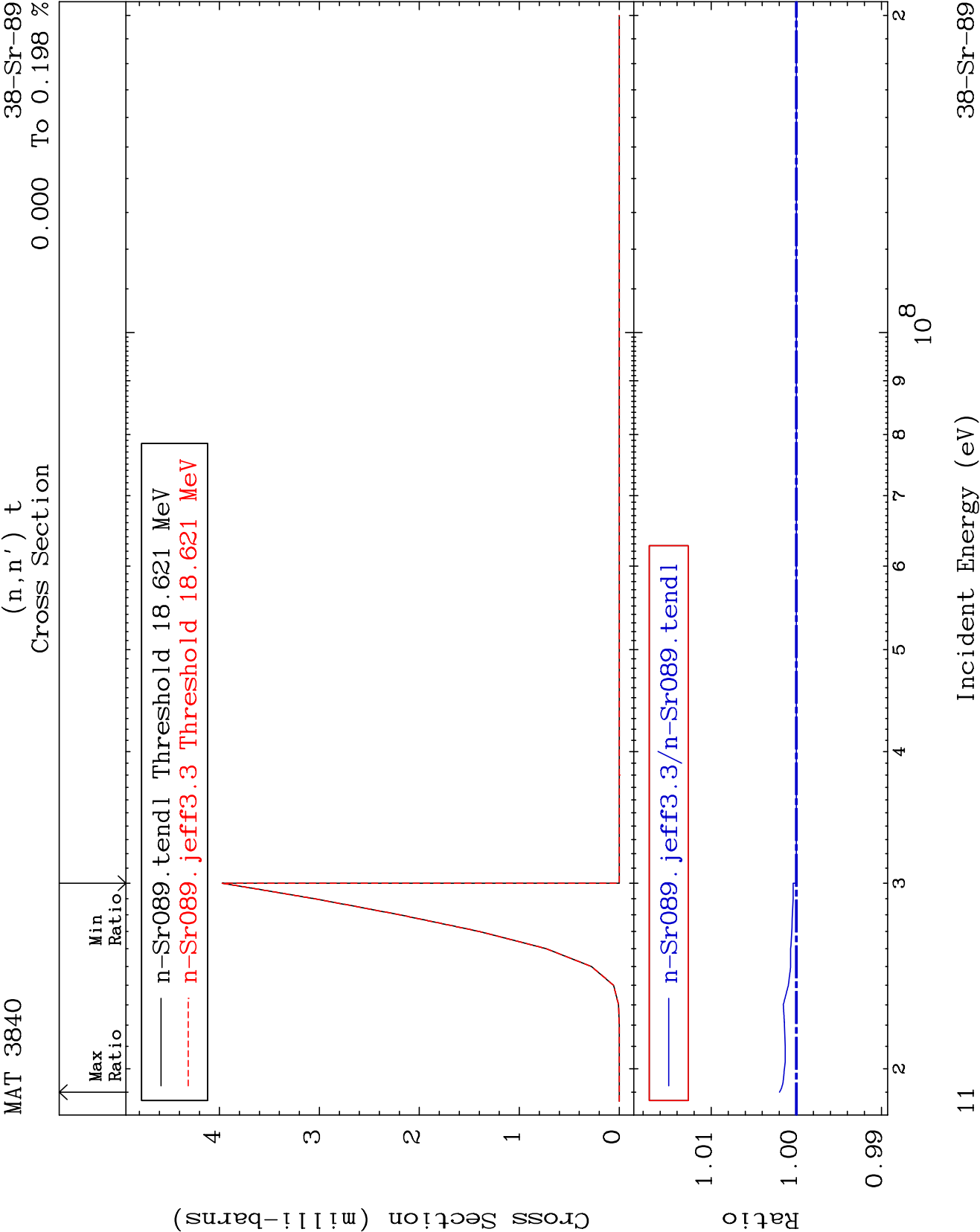
Incident Energy (eV)

38-Sr-89









MAT 3840

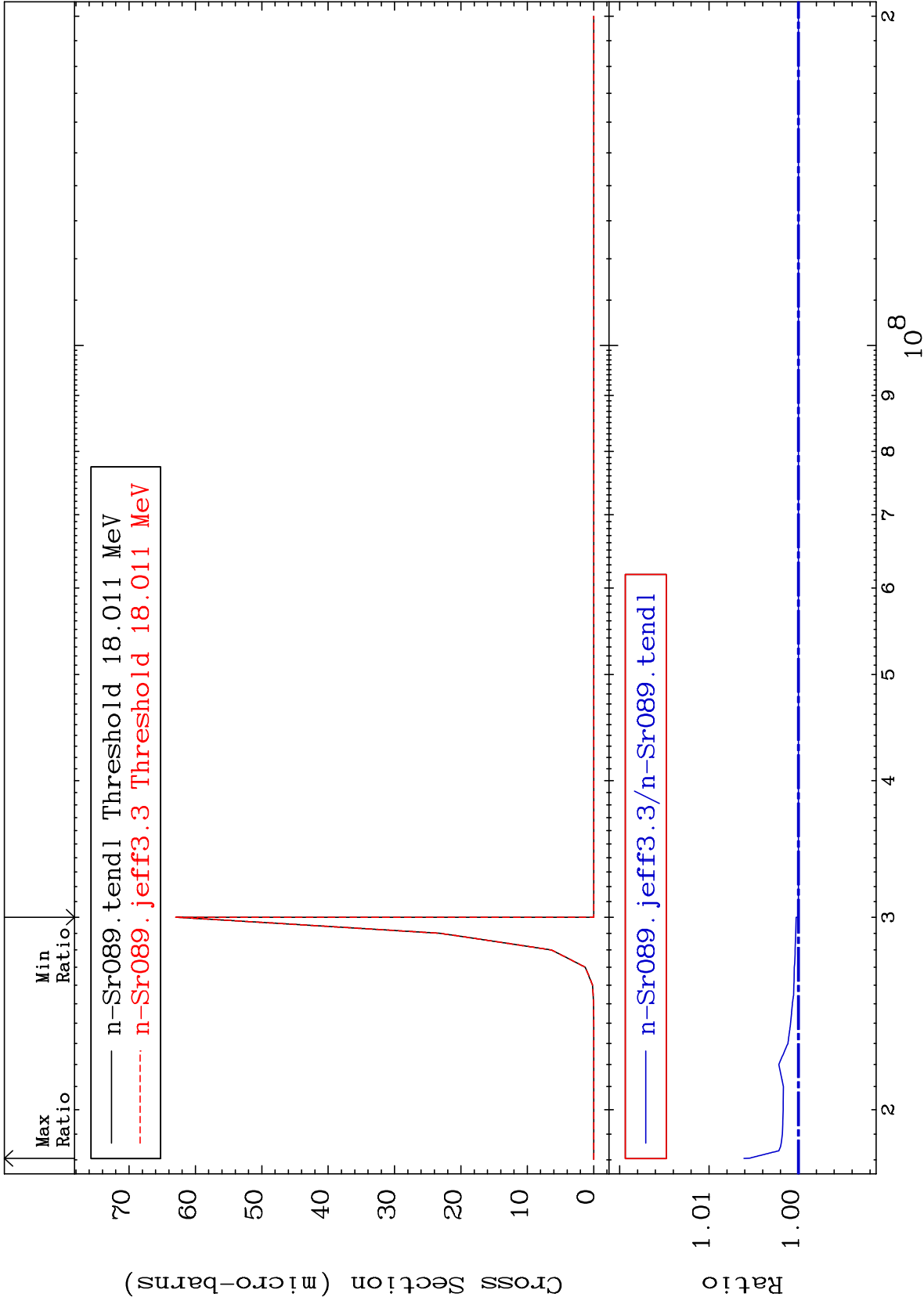
(n,n') He-3

38-Sr-89

Cross Section

0.000

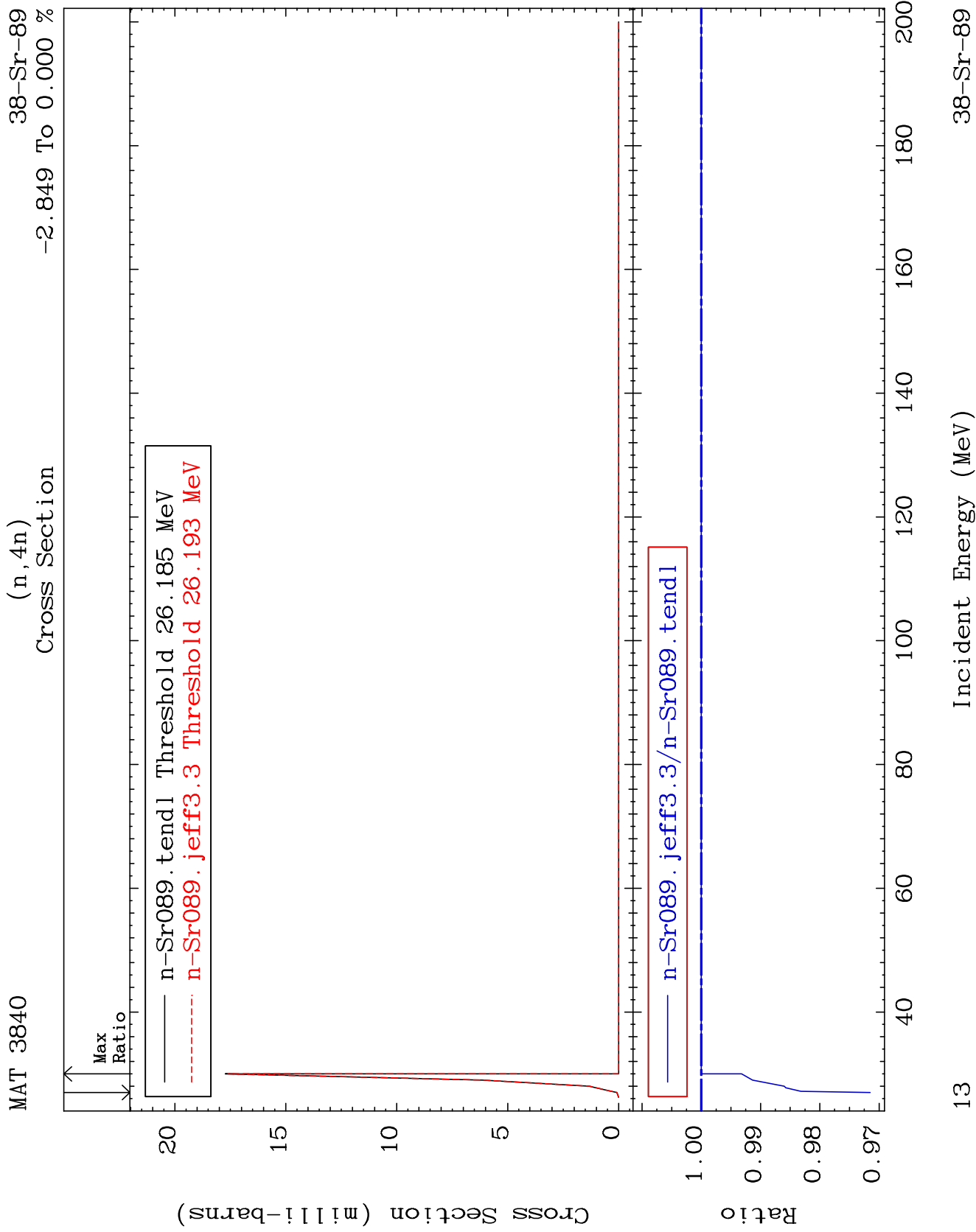
To 0.610 %

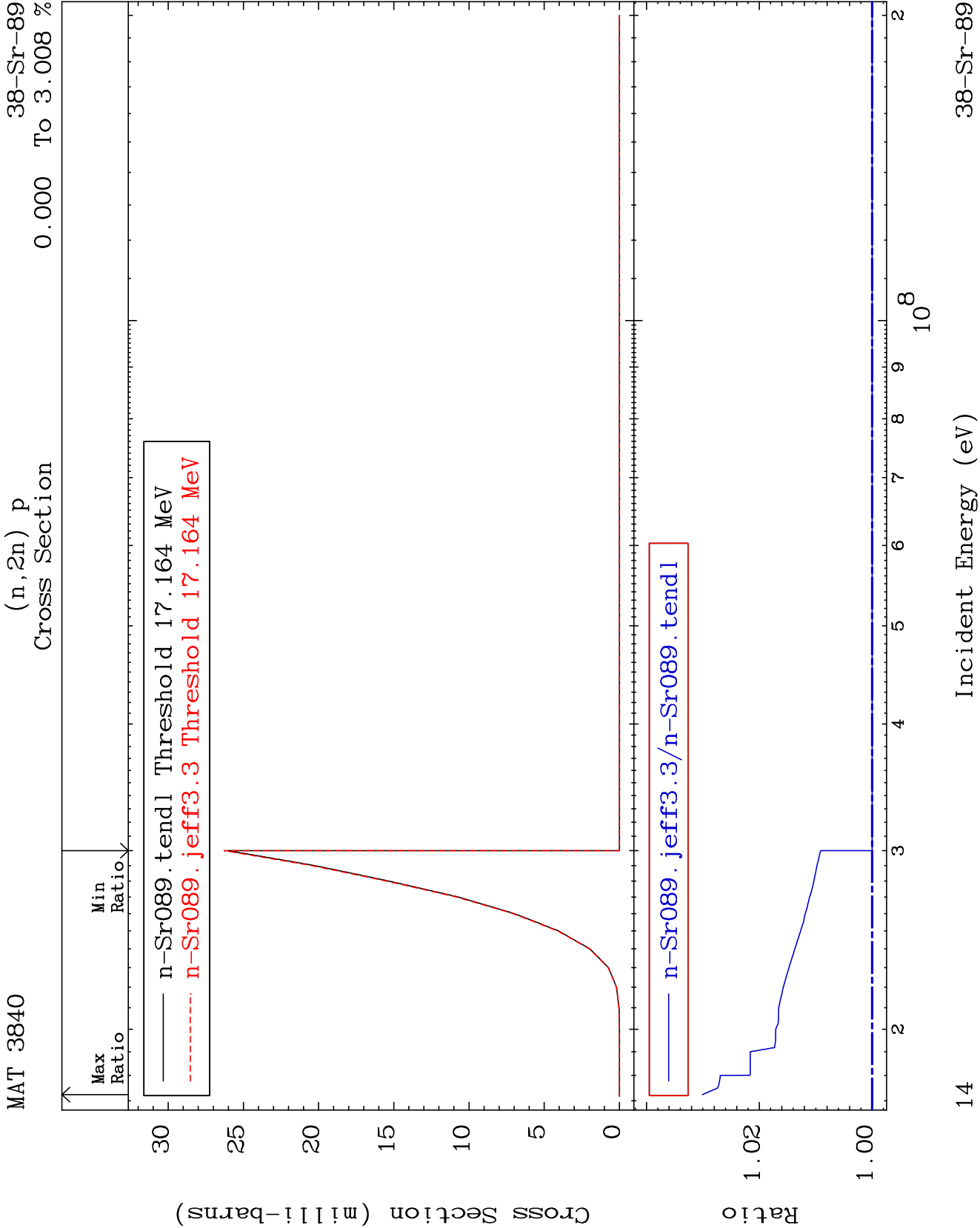


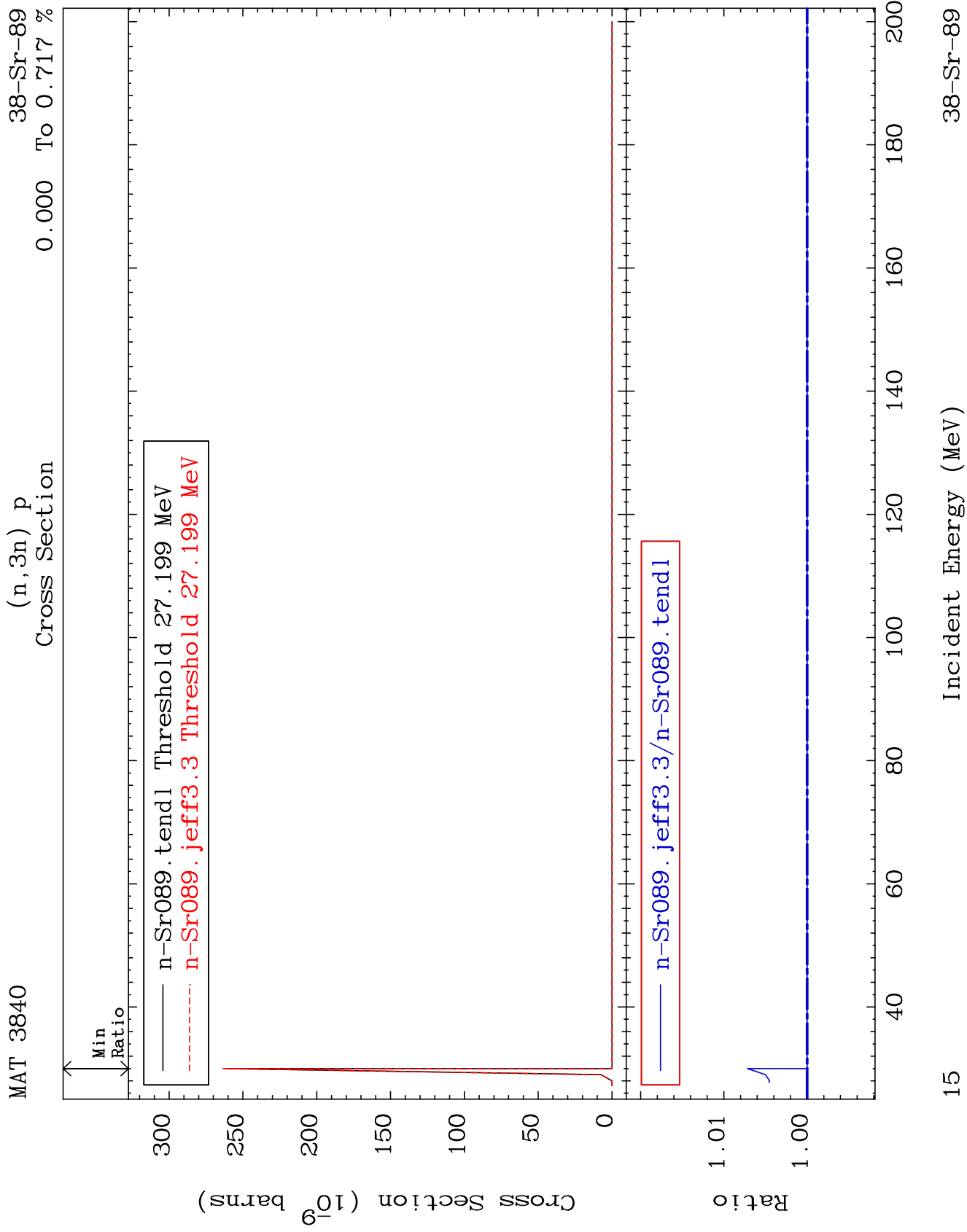
12

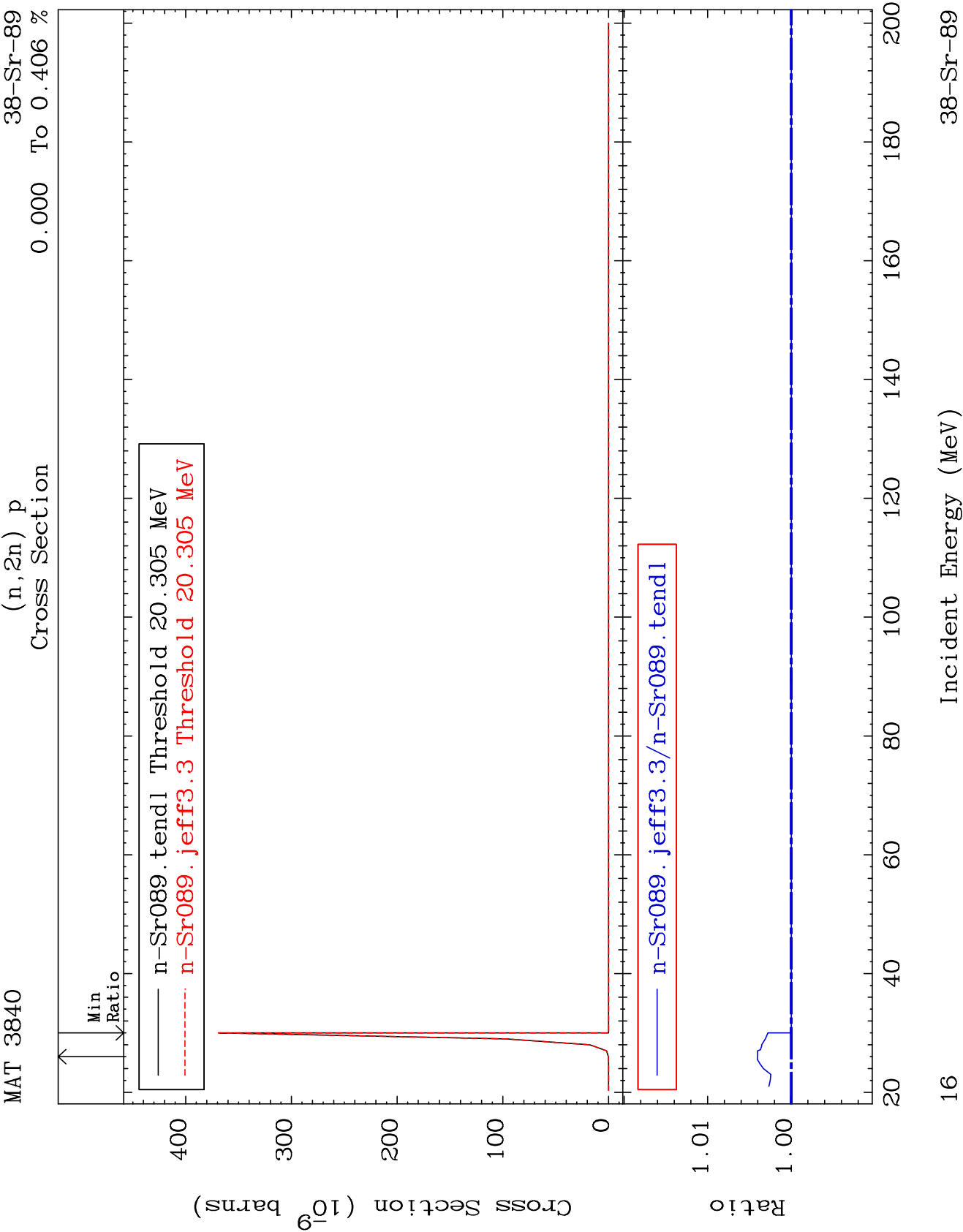
Incident Energy (eV)

38-Sr-89





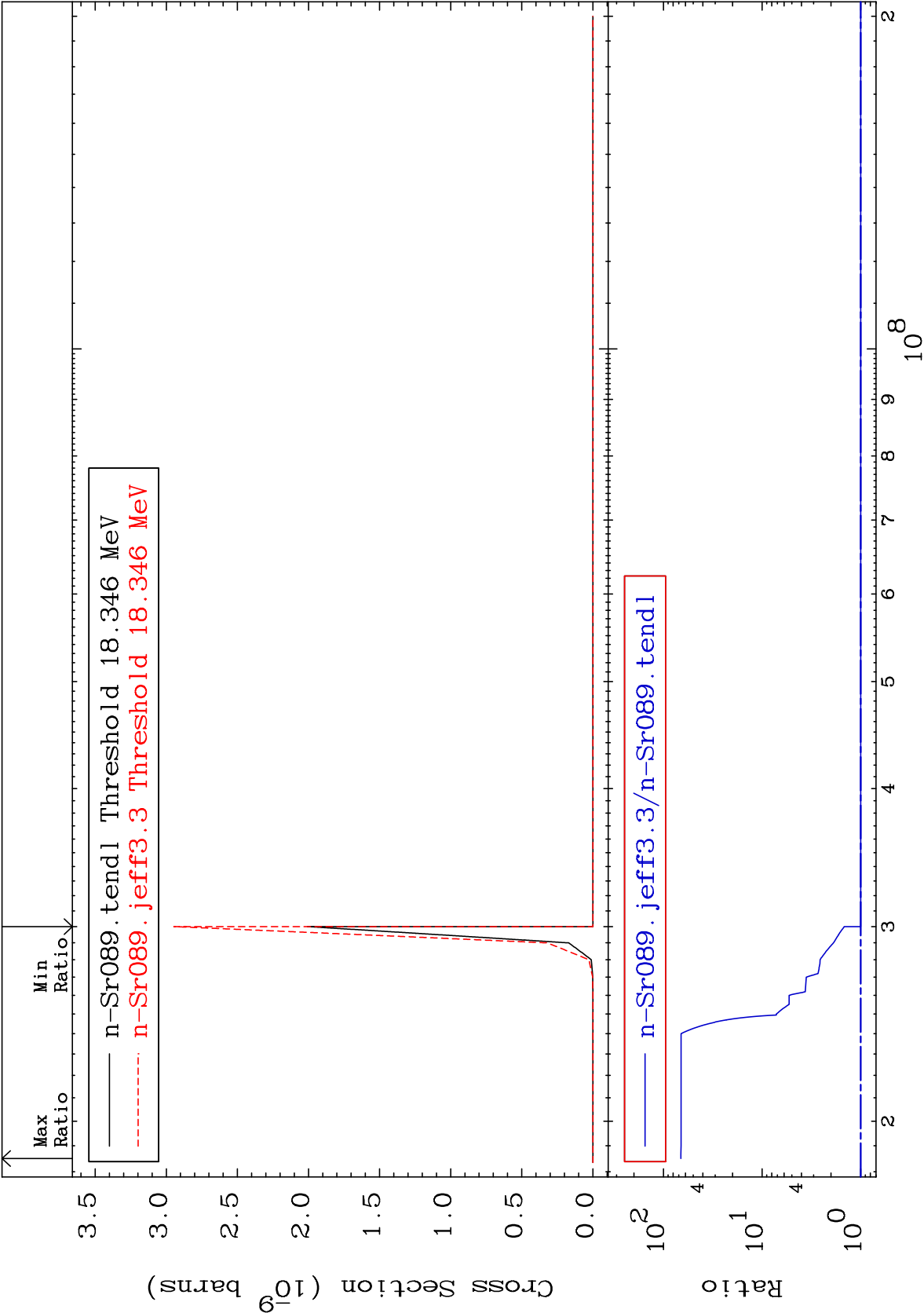


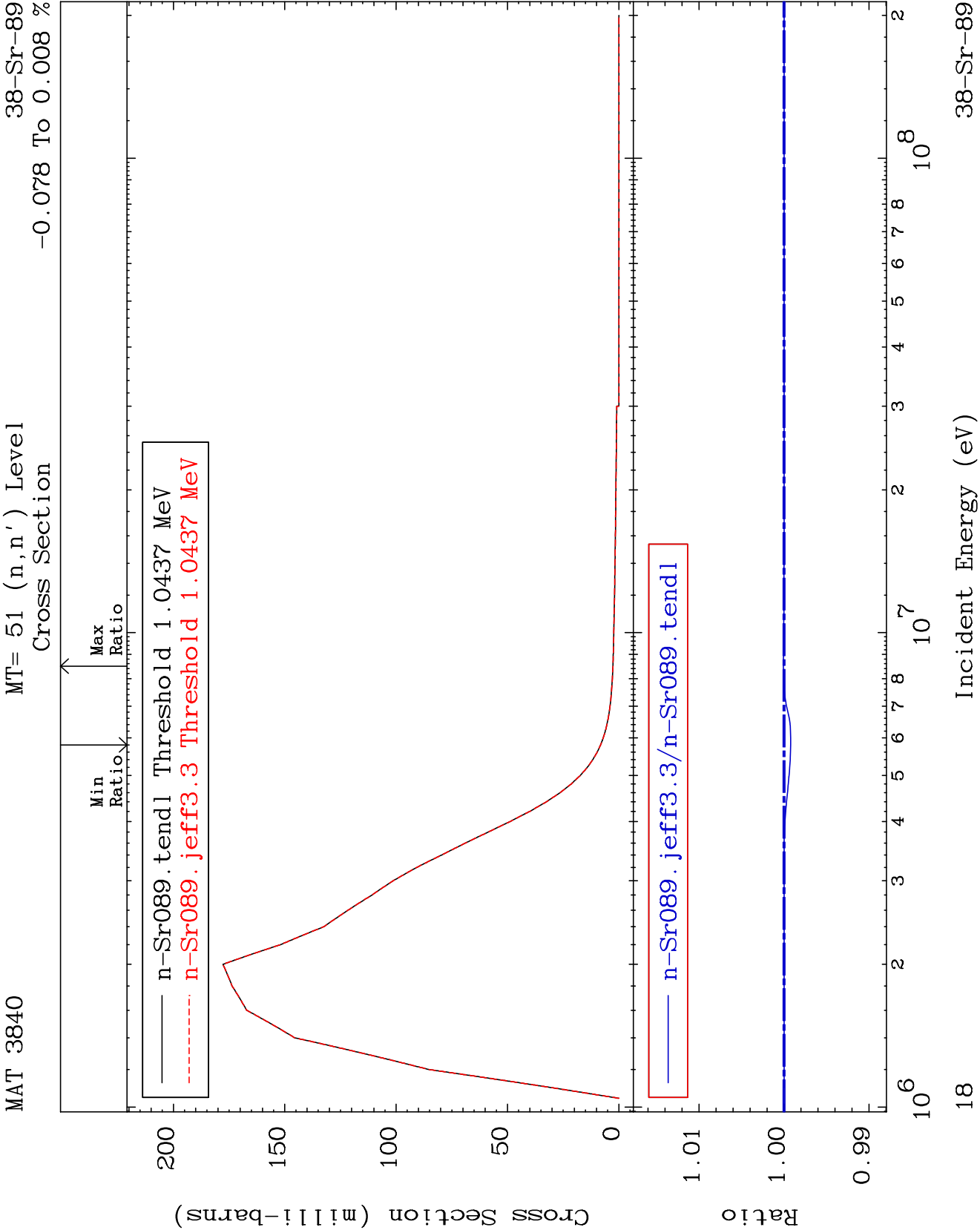


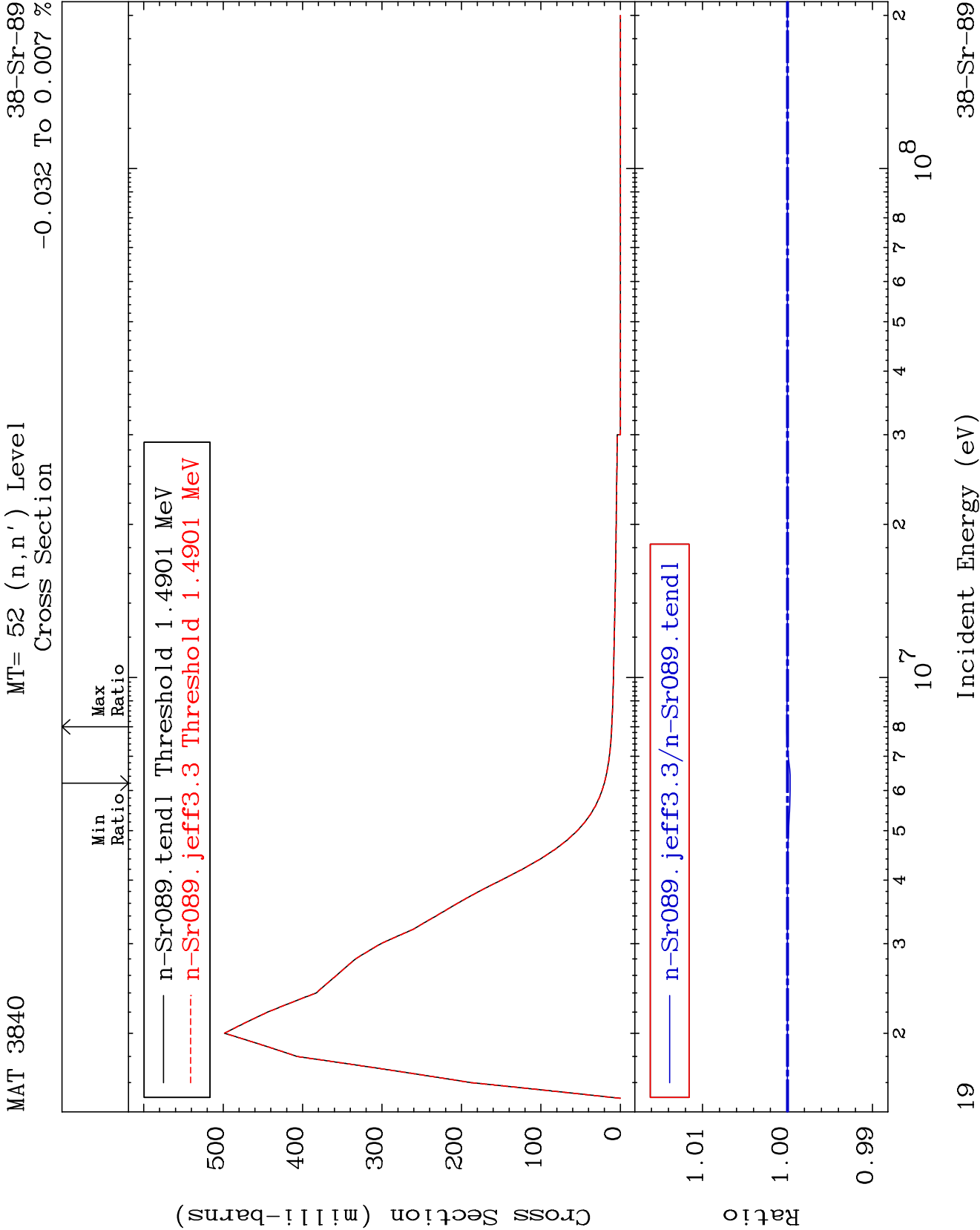
MAT 3840

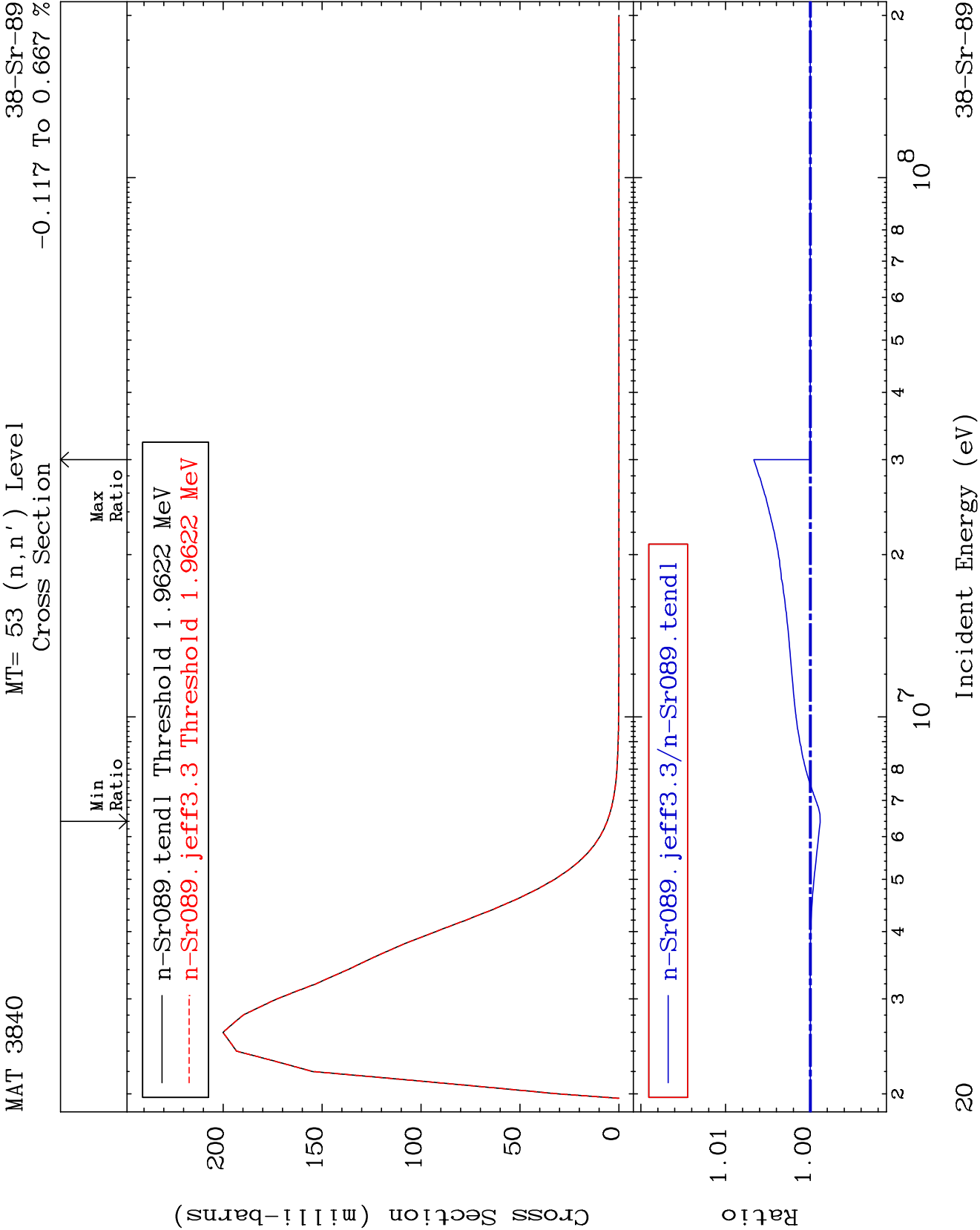
(n,n') p α
Cross Section

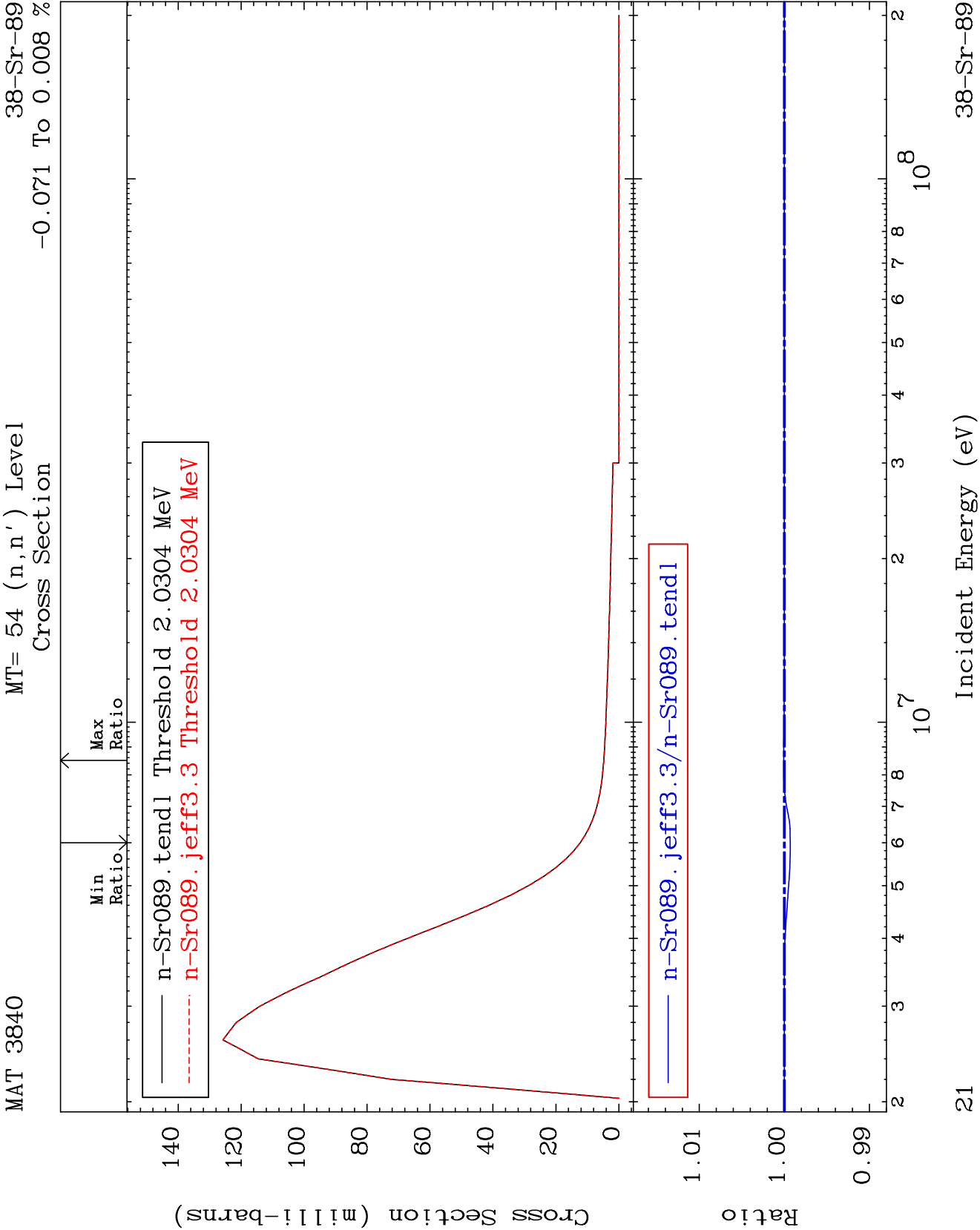
38-Sr-89
0.000 To 6572. %

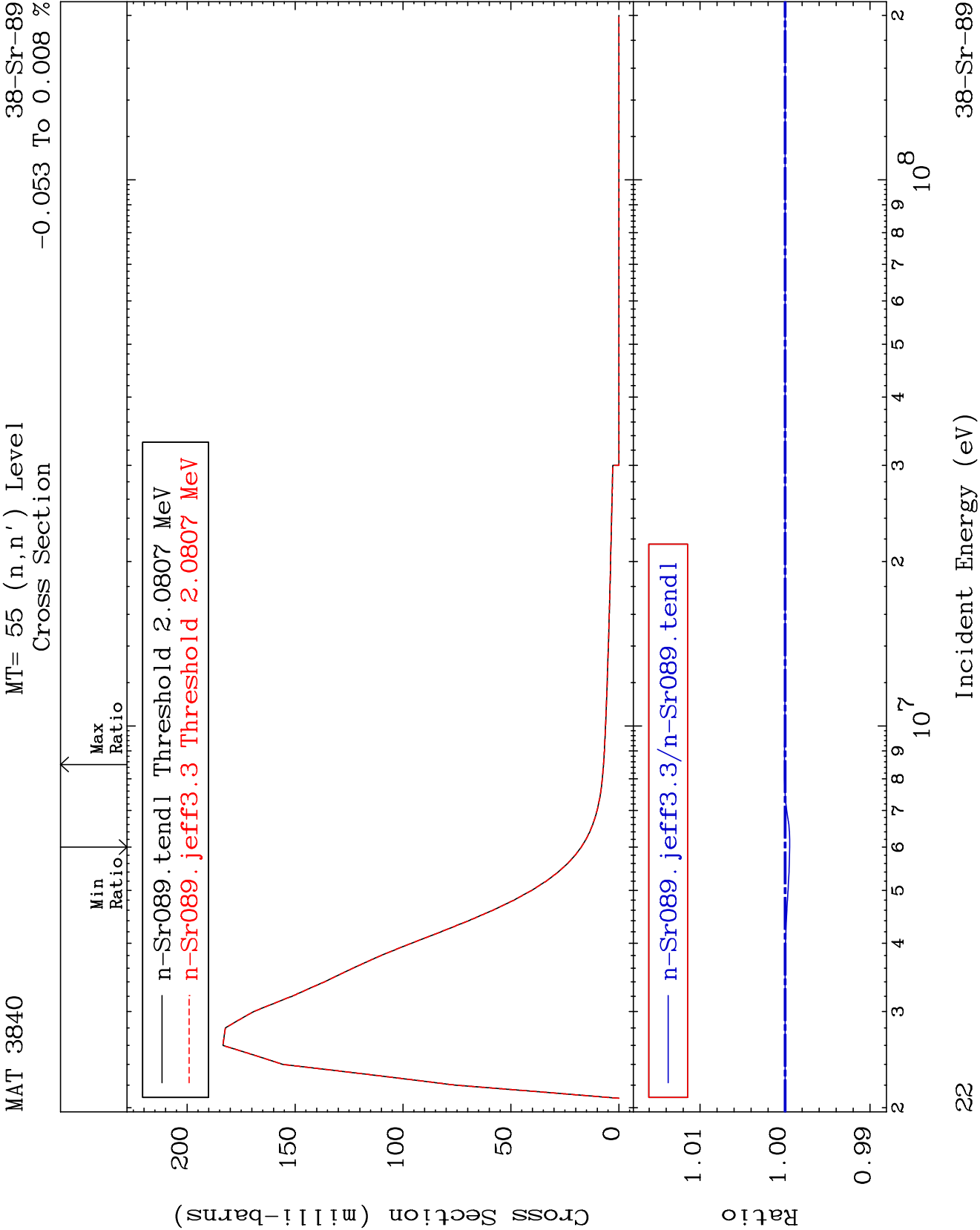


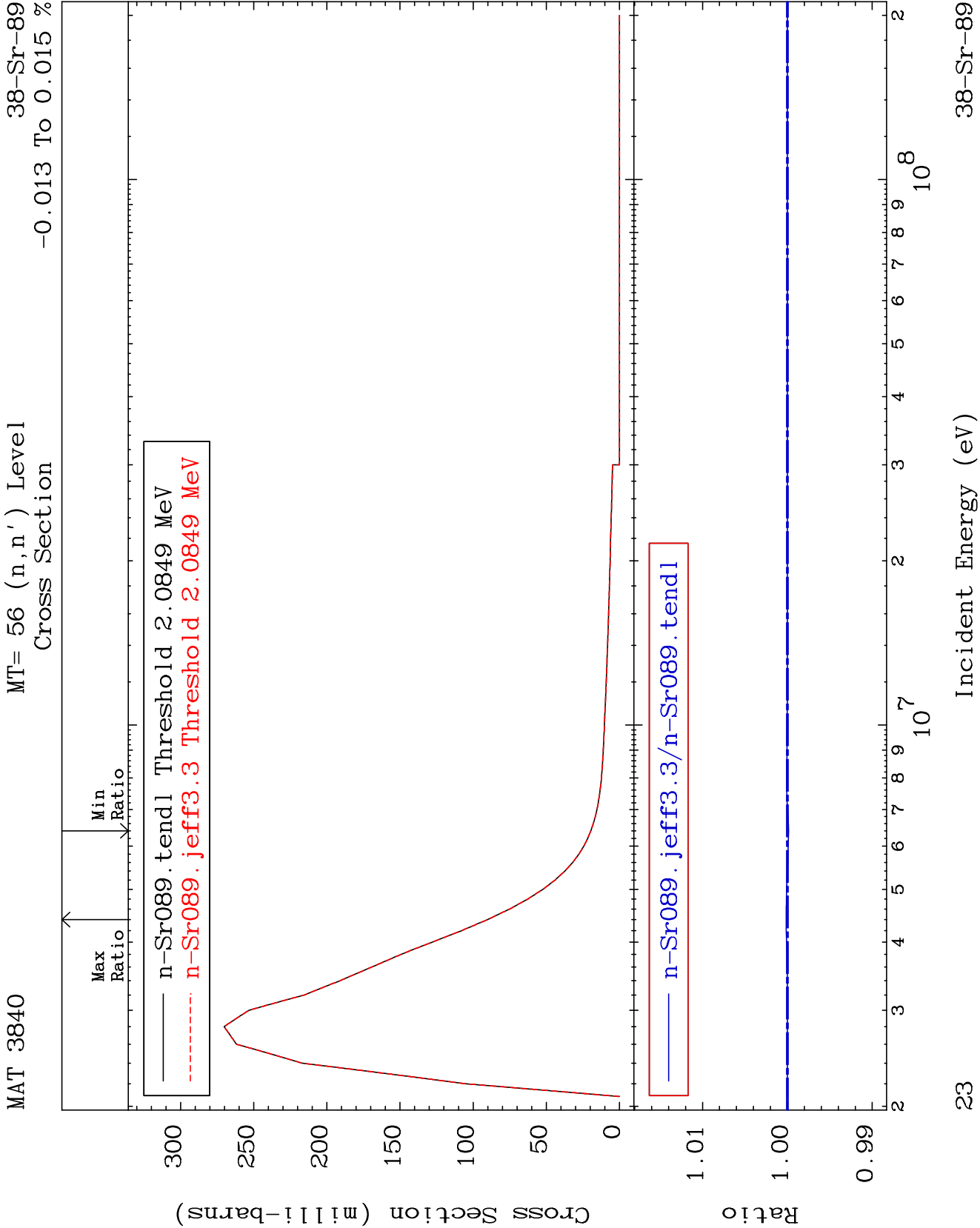


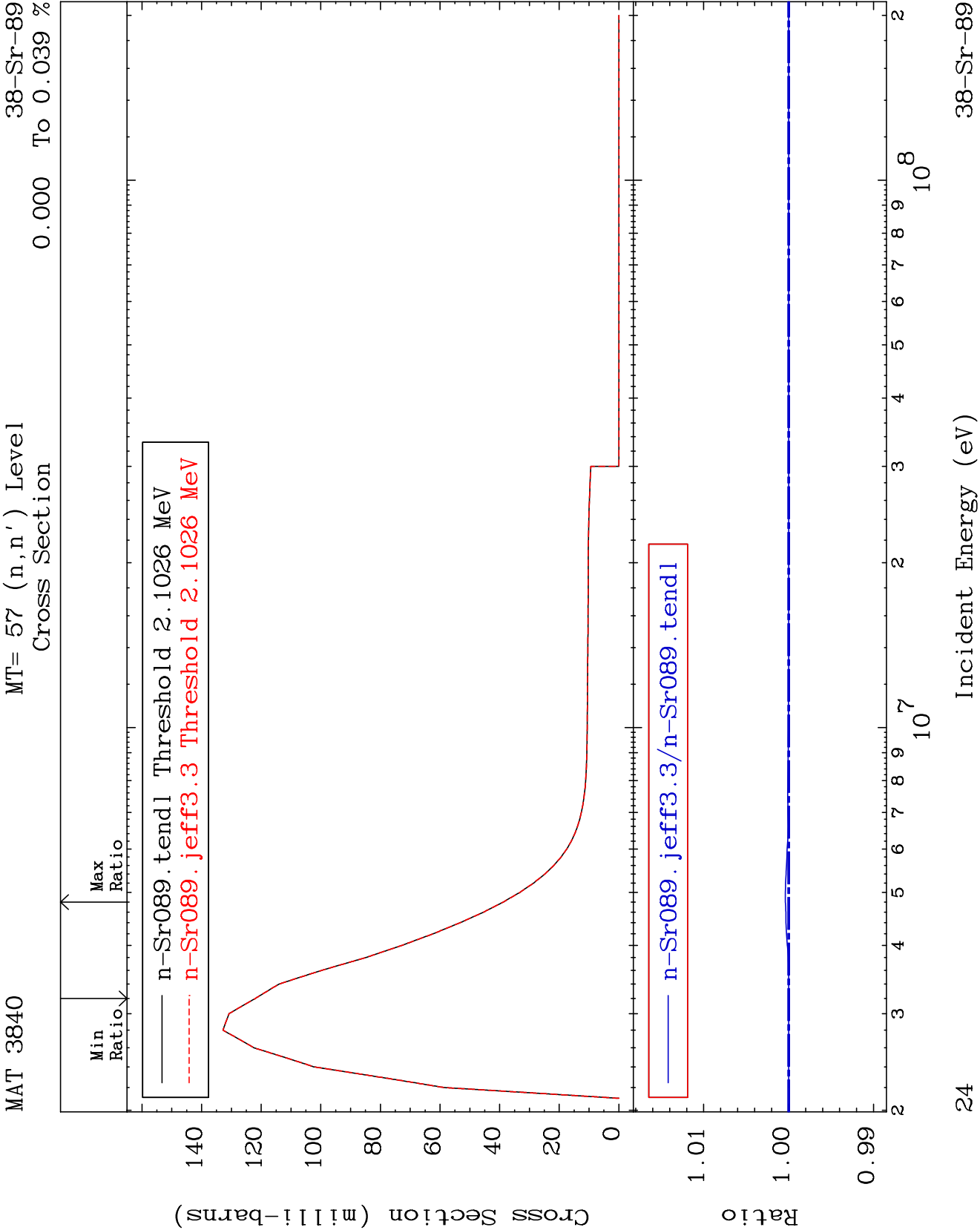


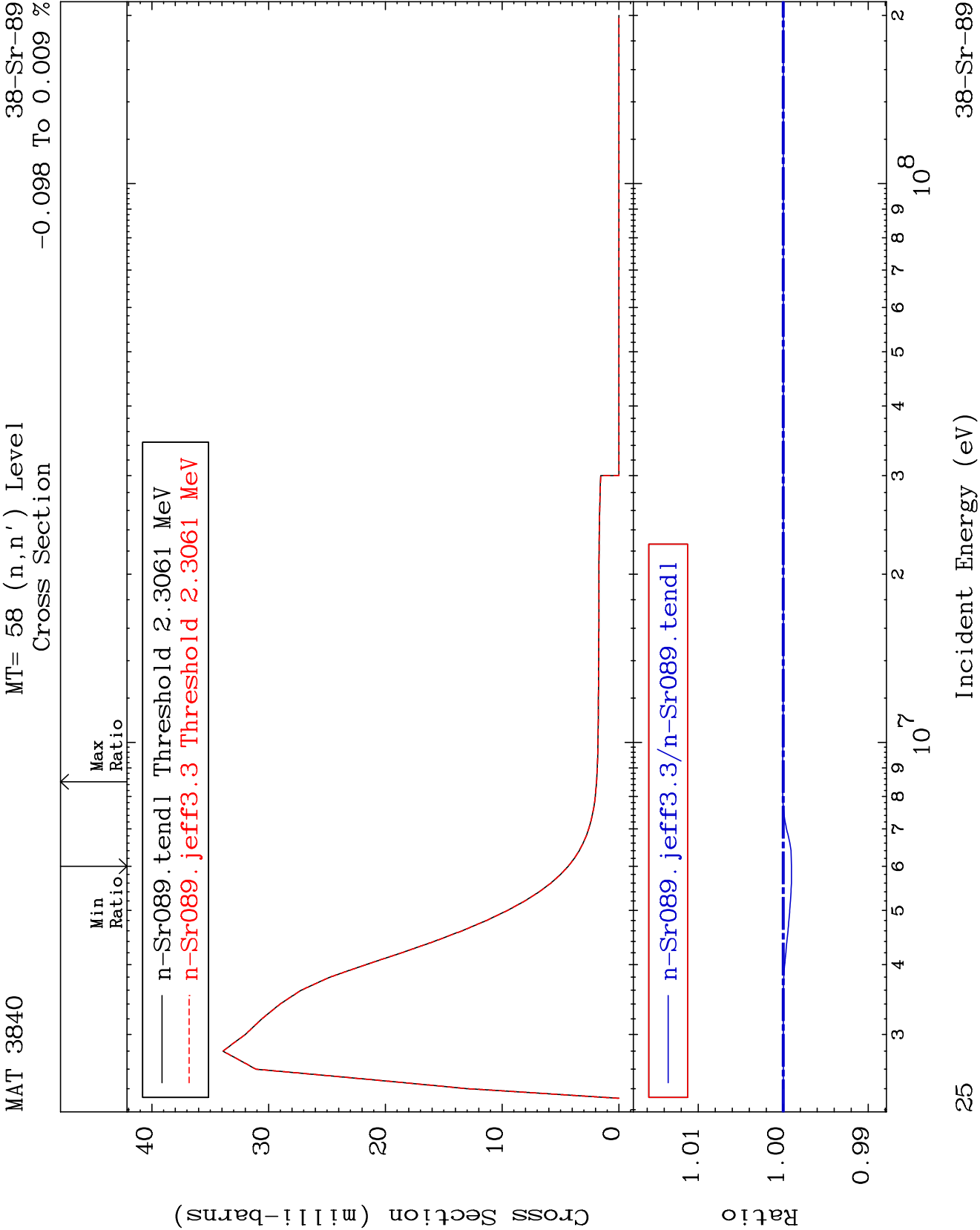


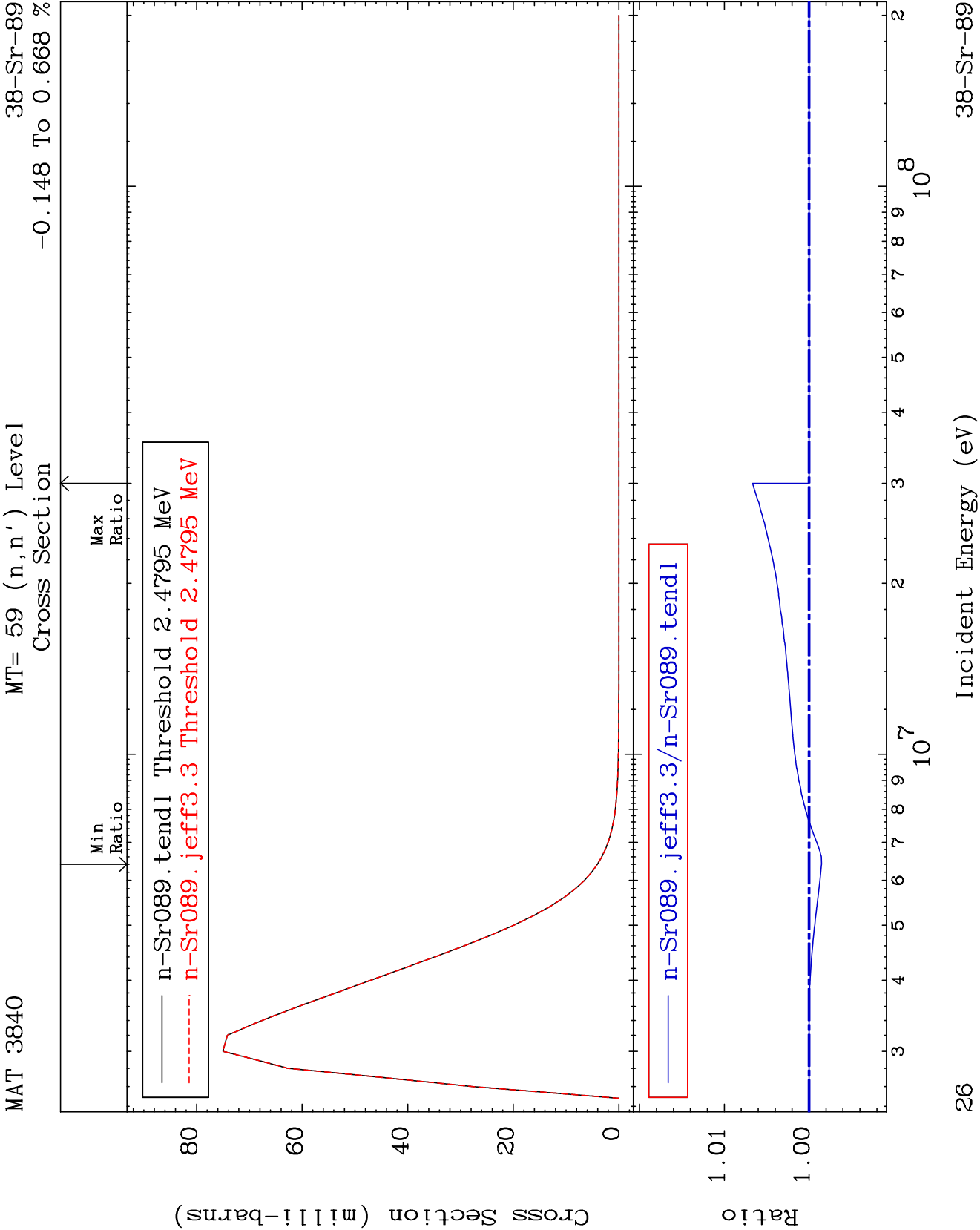


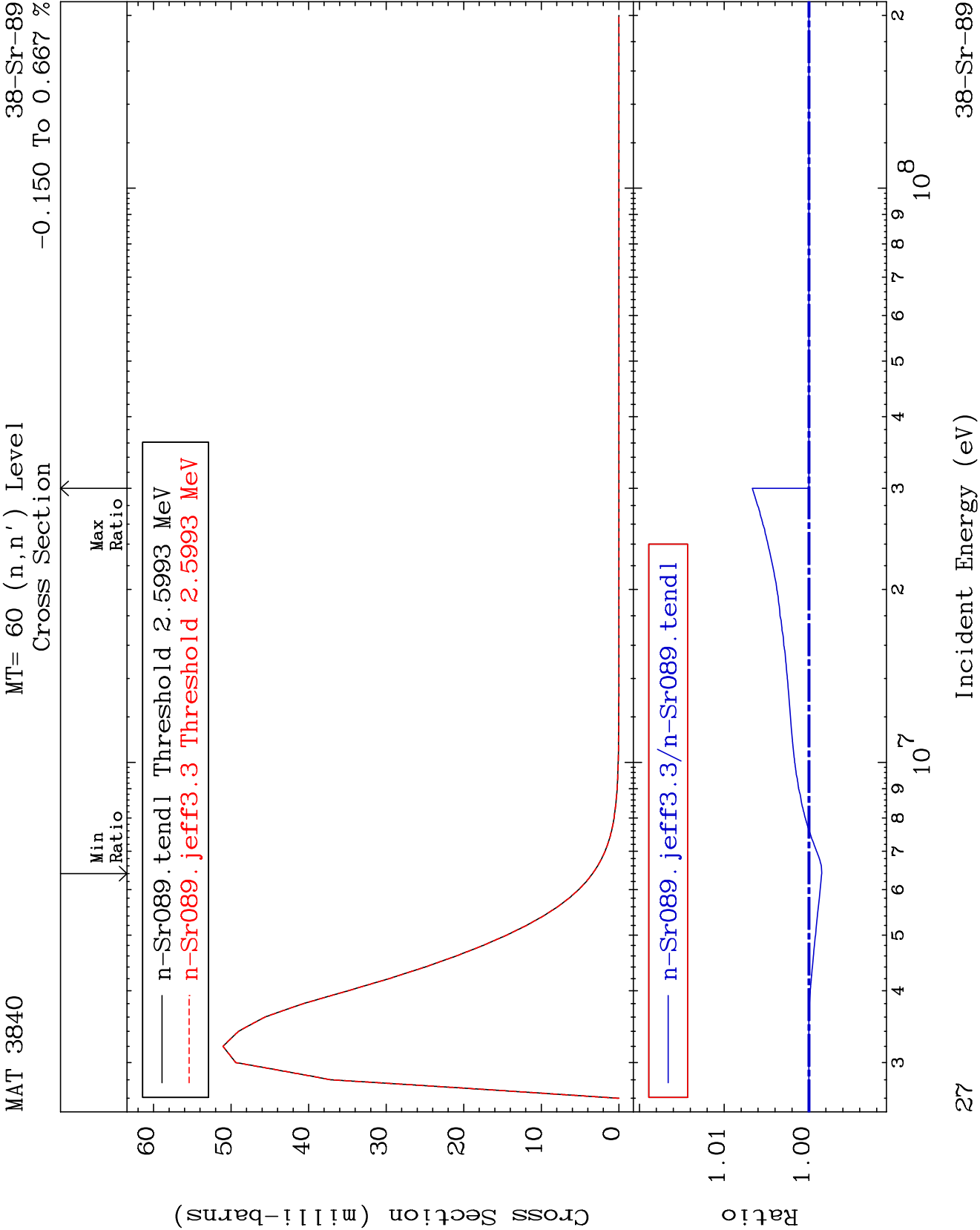








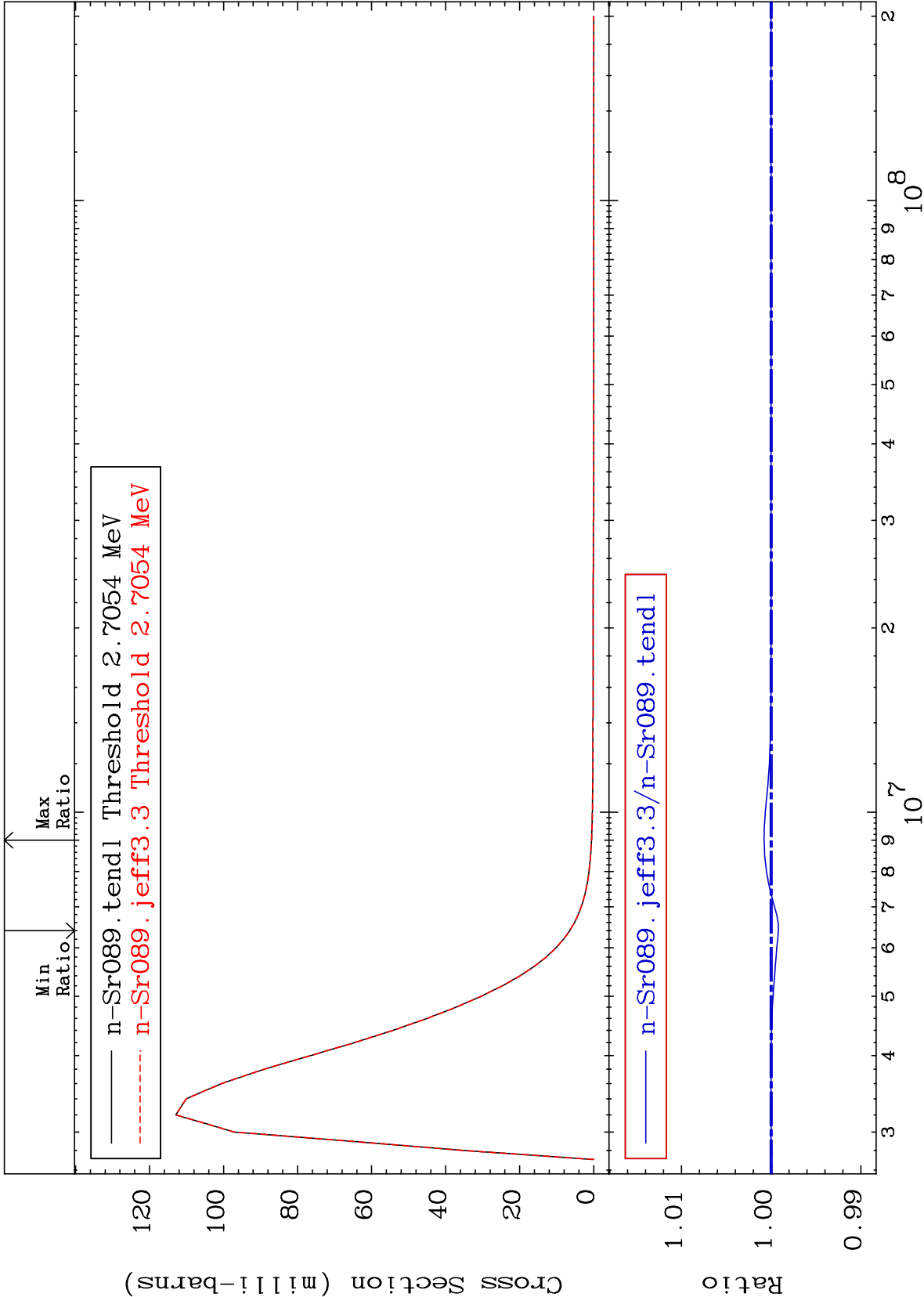


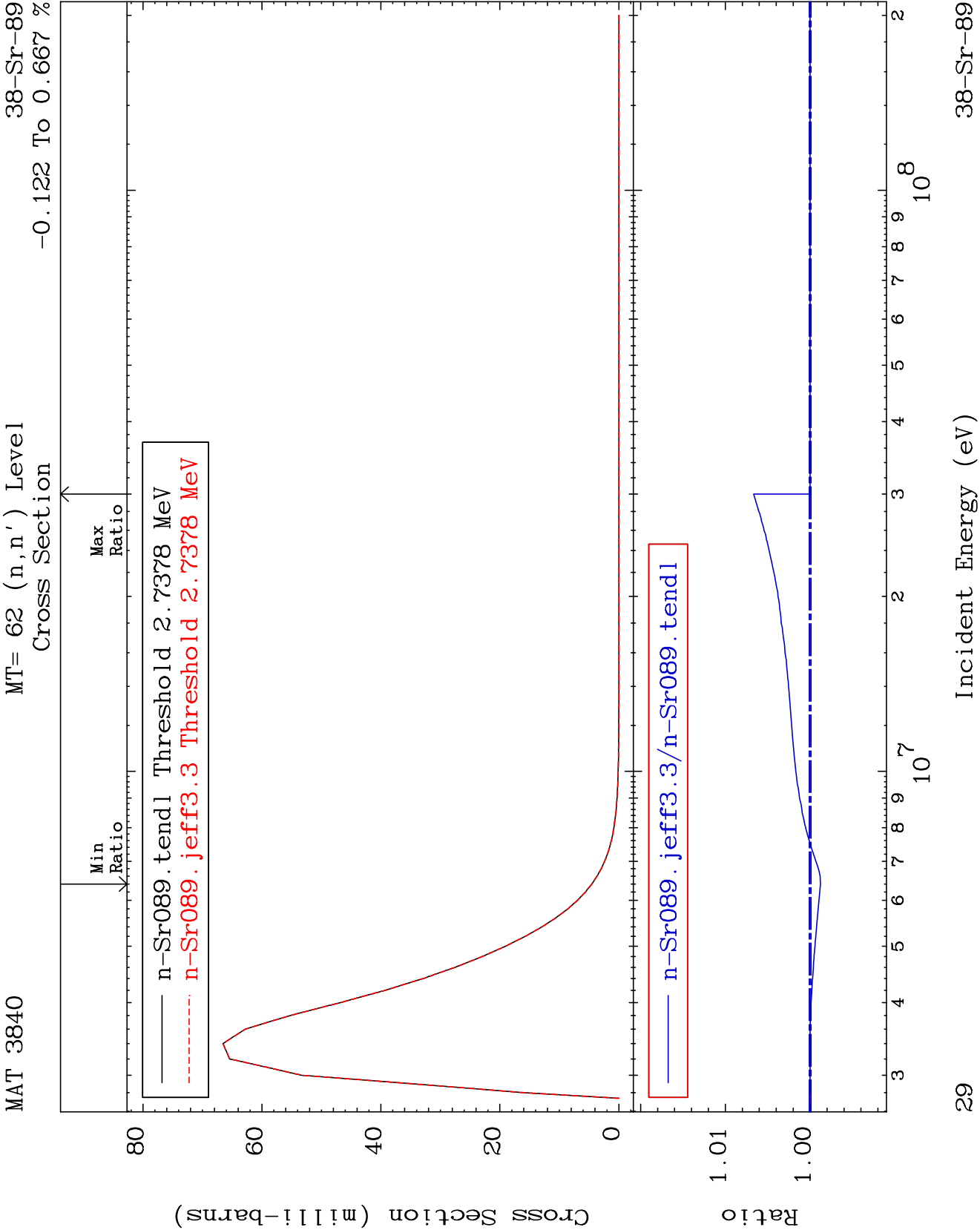


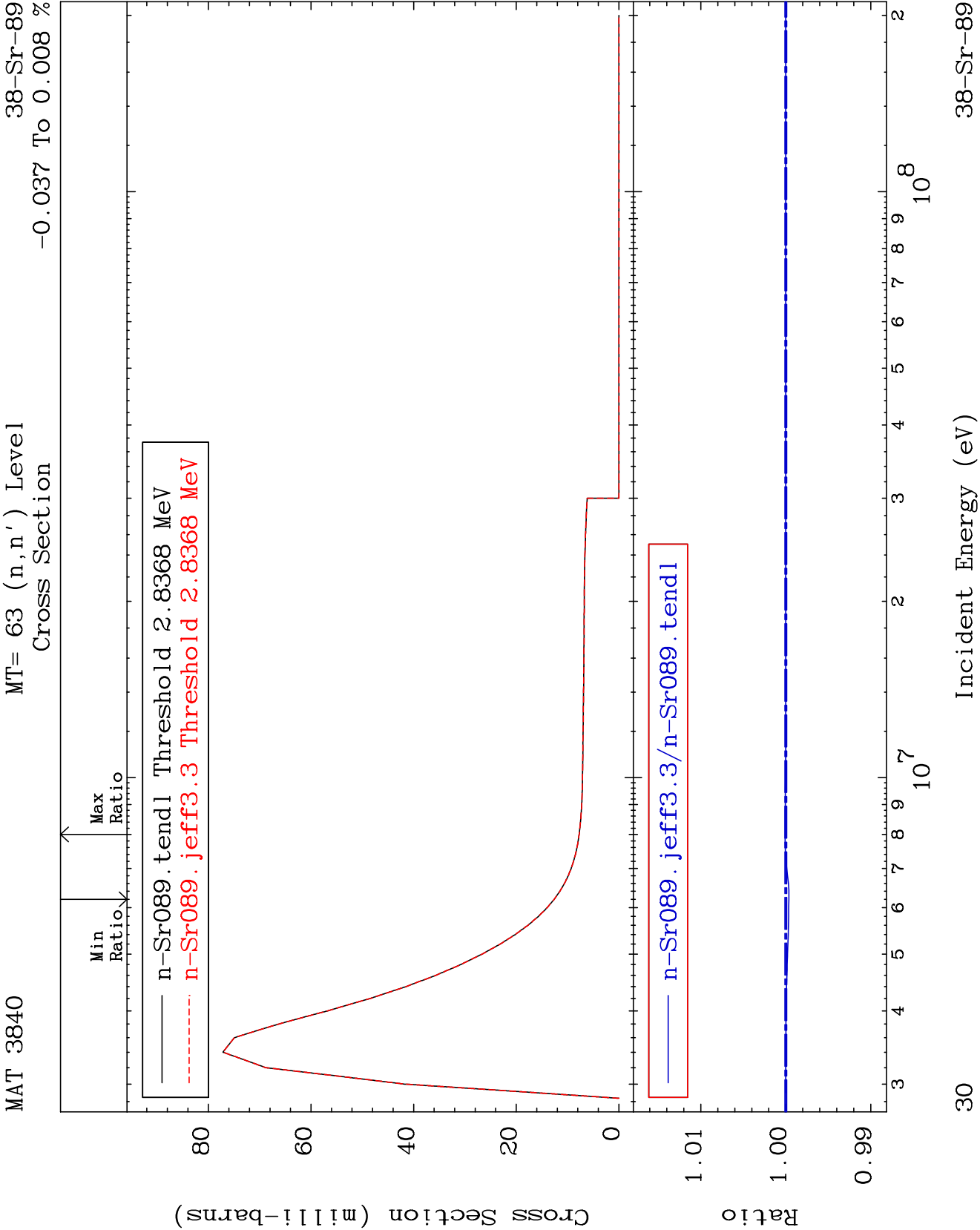
MAT 3840

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

38-Sr-89
-0.080 To 0.080 %





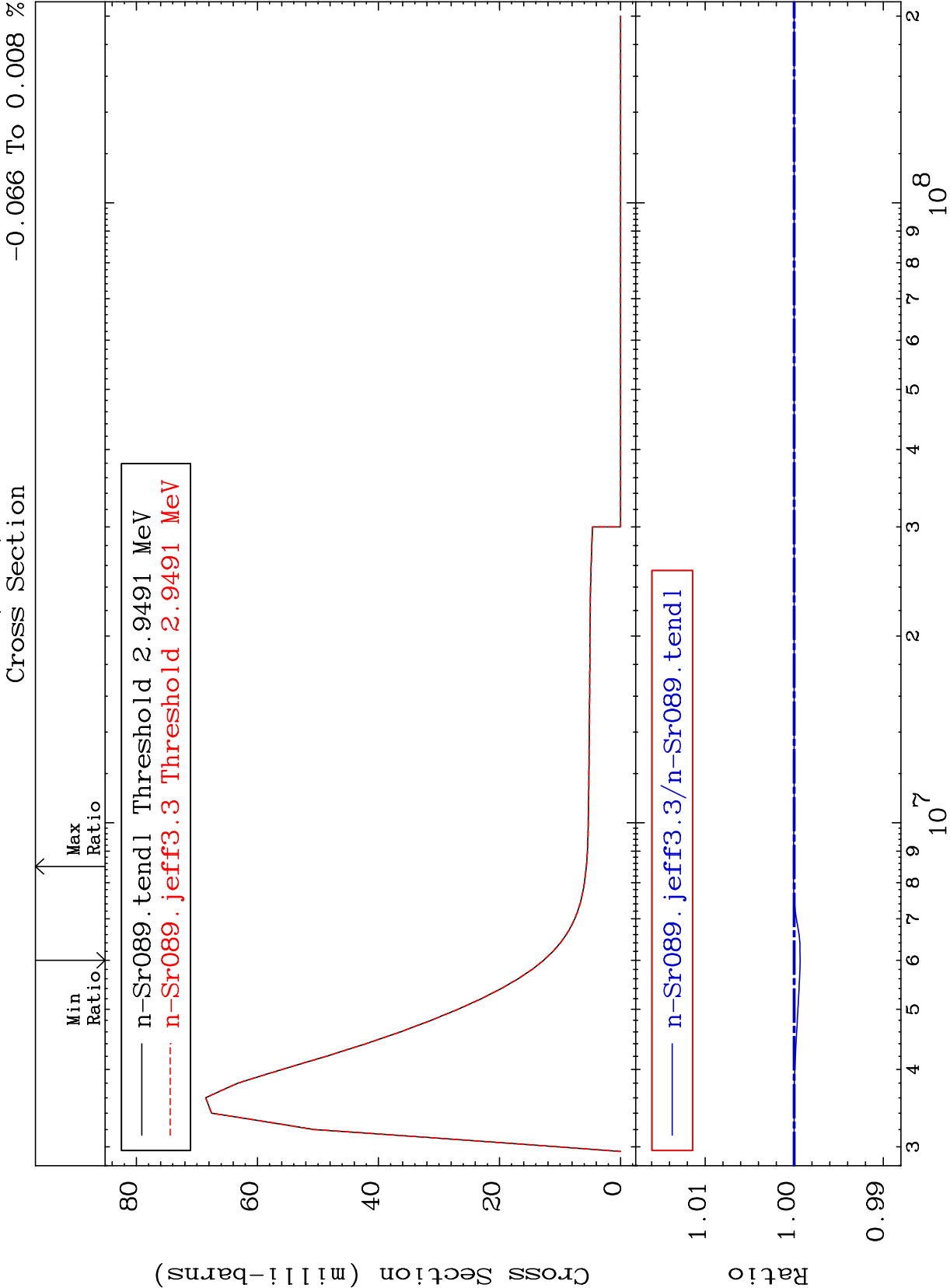


MAT 3840

MT= 64 (n,n') Level

³⁸Sr-89

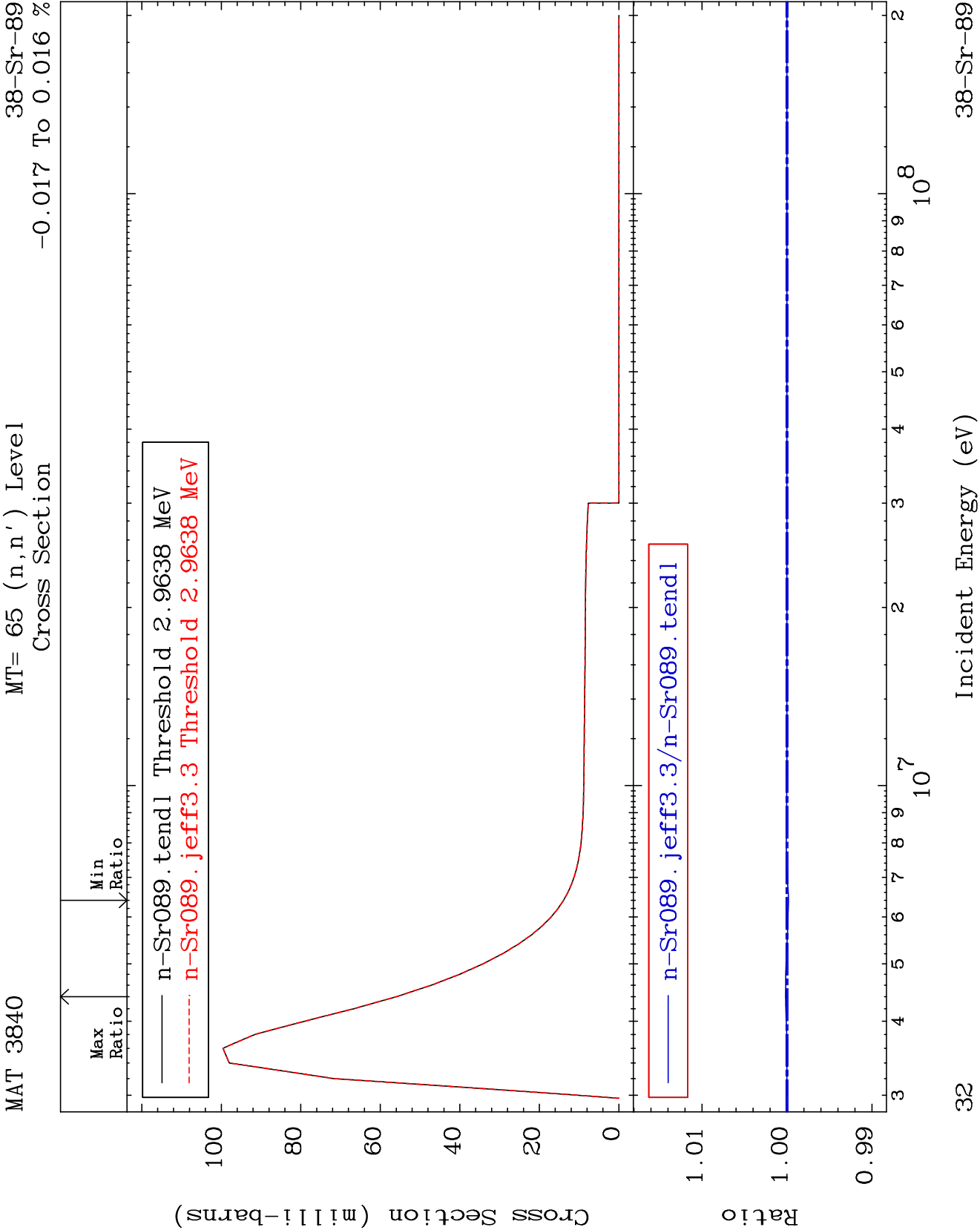
-0.066 To 0.008 %



31

Incident Energy (eV)

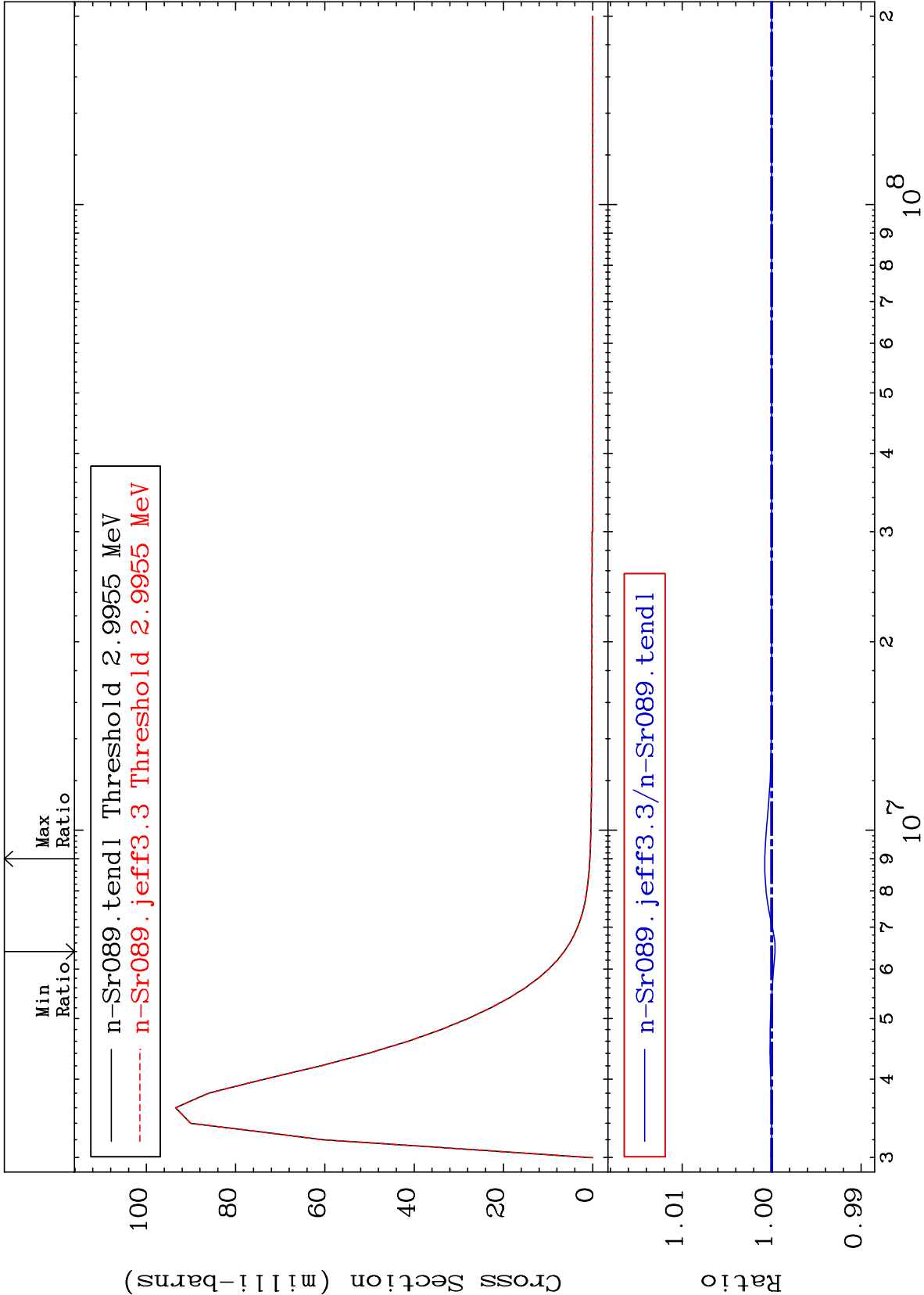
³⁸Sr-89

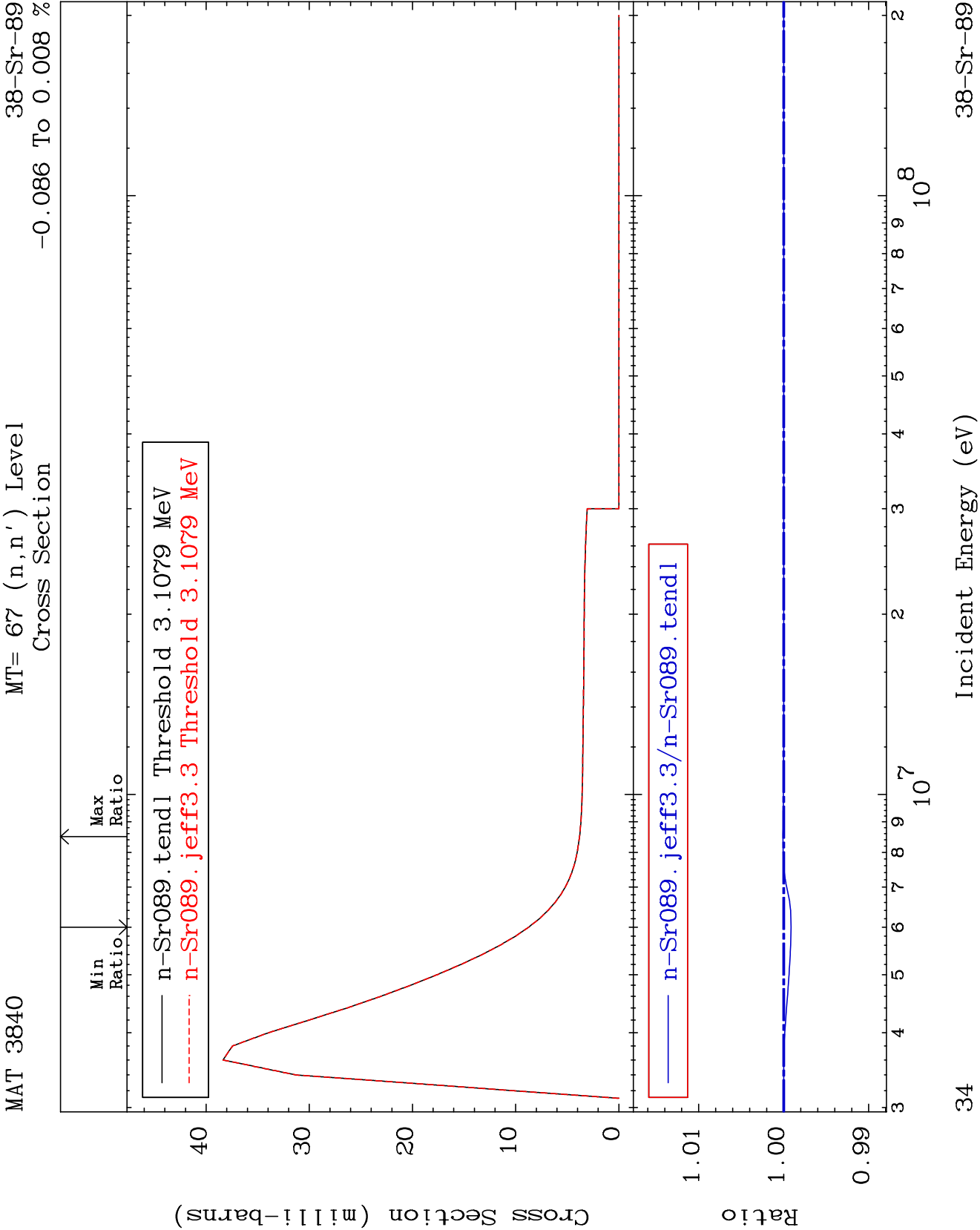


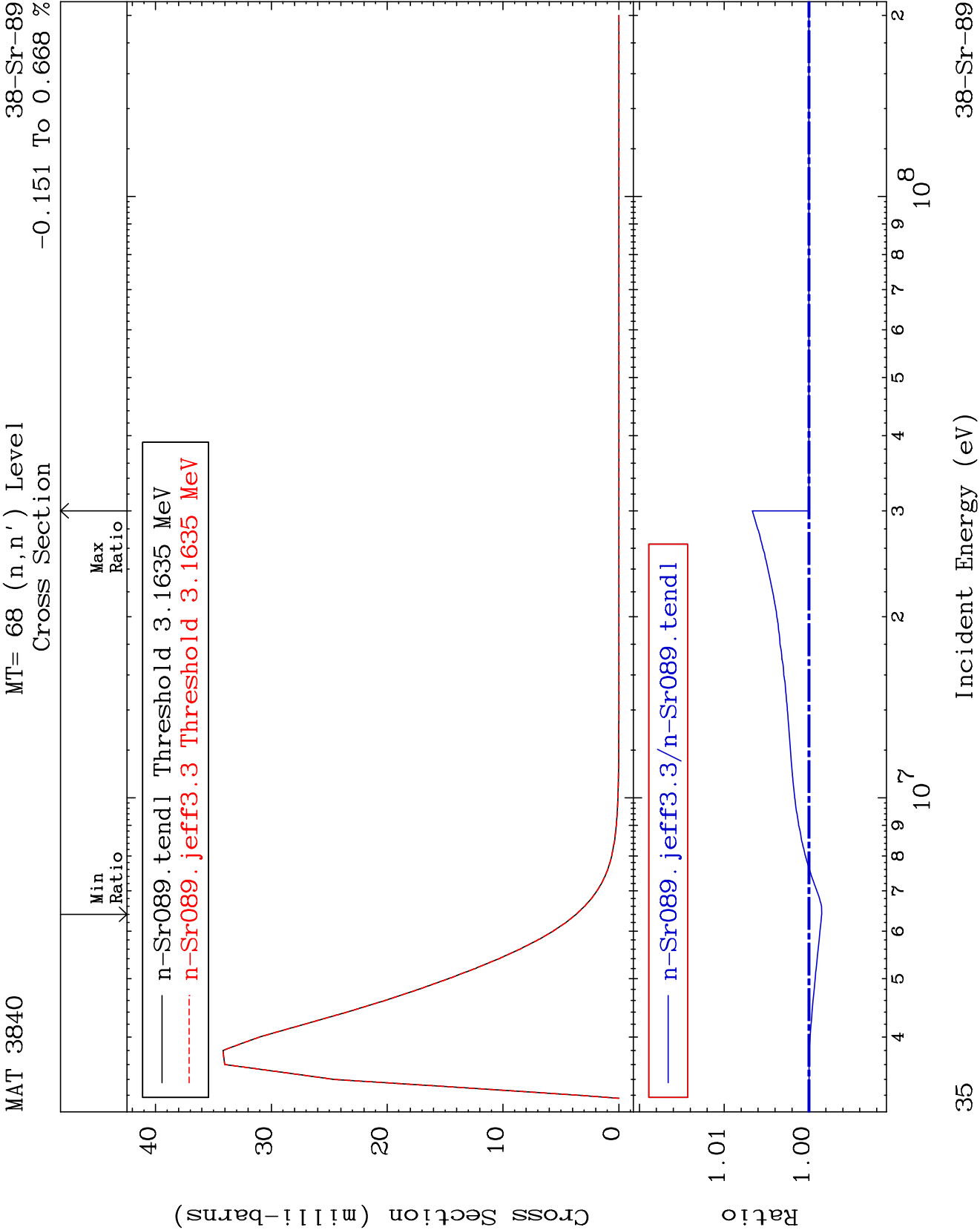
MAT 3840

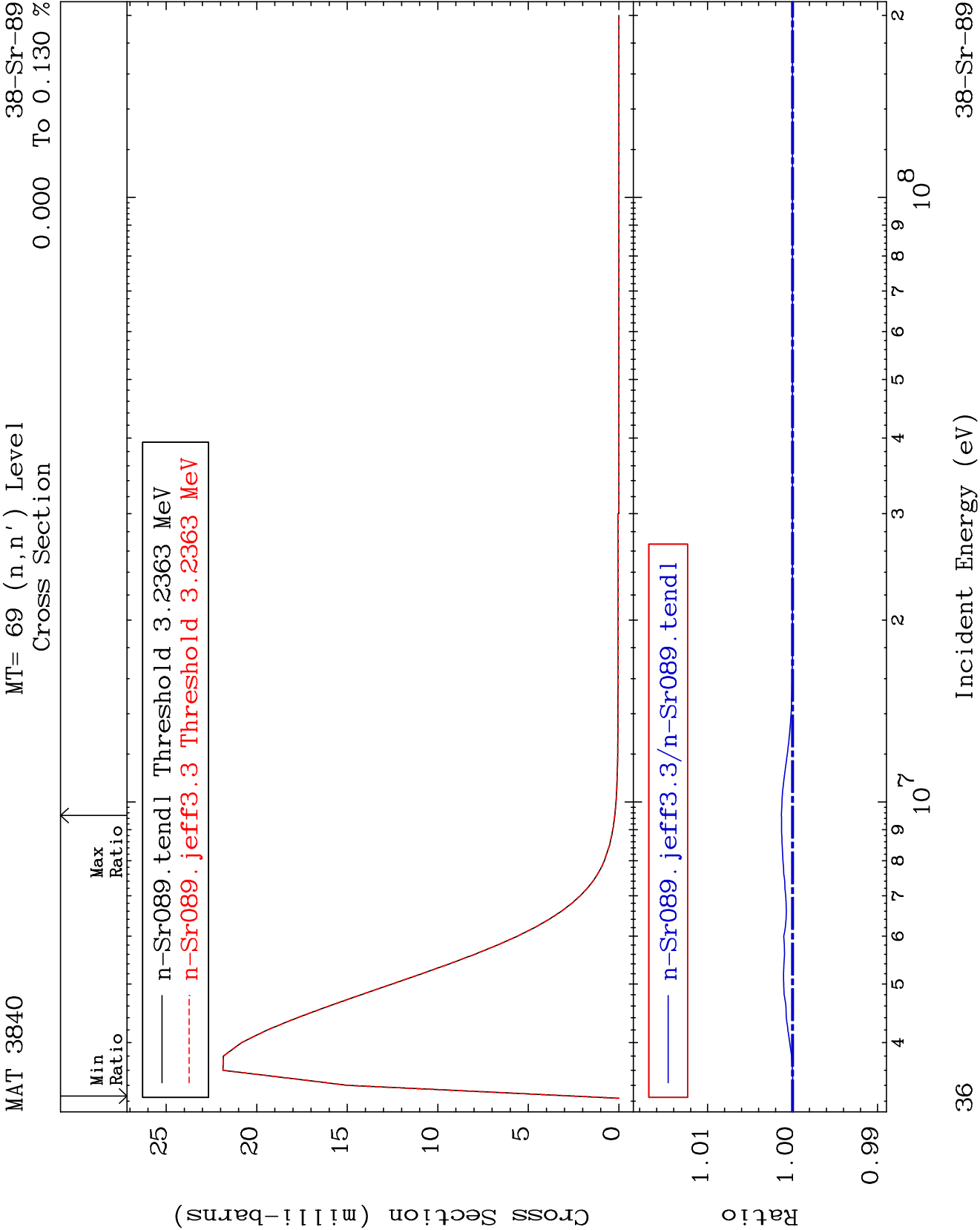
MT= 66 (n,n') Level
Cross Section

38-Sr-89
-0.038 To 0.077 %





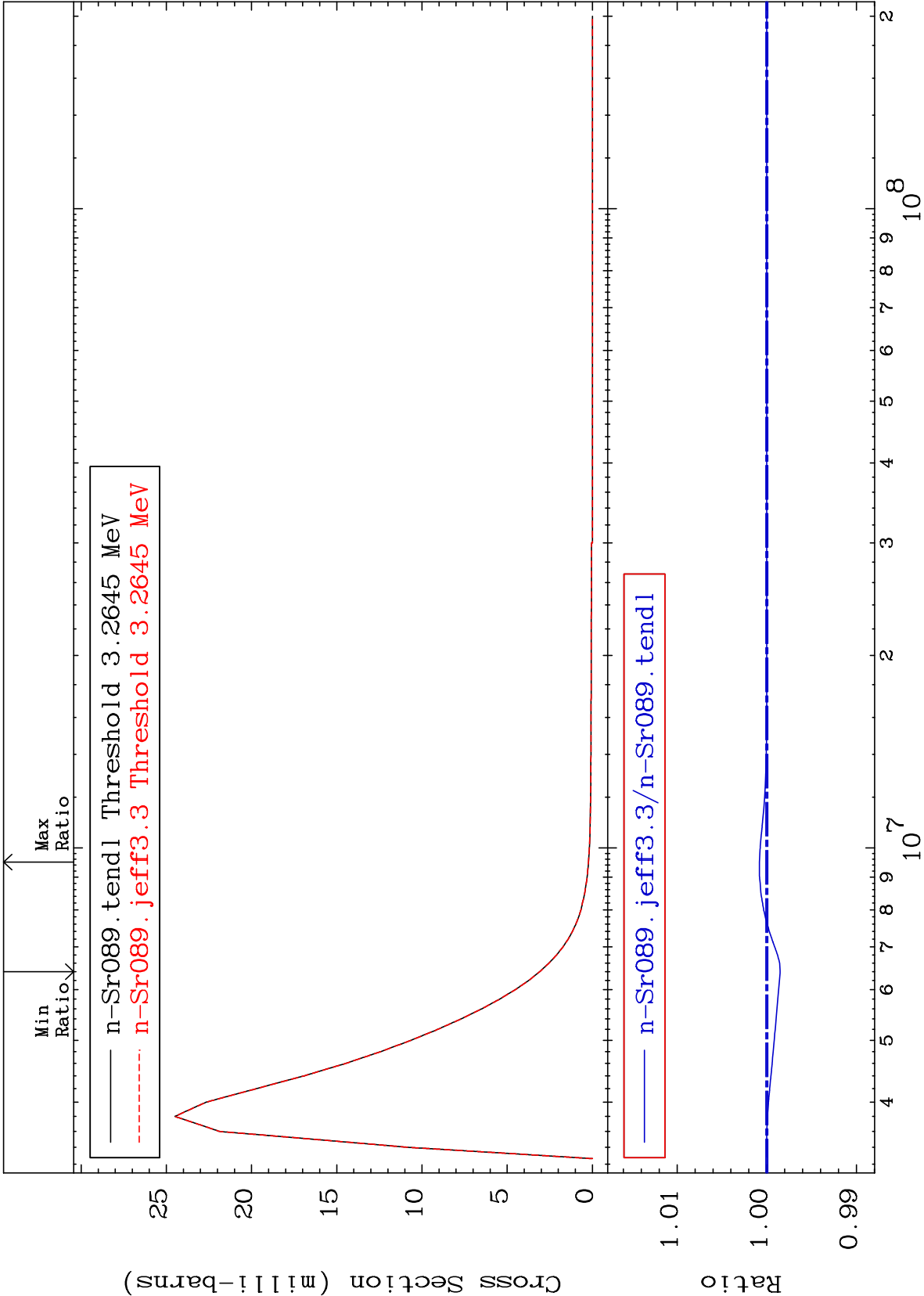




MAT 3840

MT= 70 (n,n') Level
Cross Section

38-Sr-89
-0.149 To 0.082 %



37

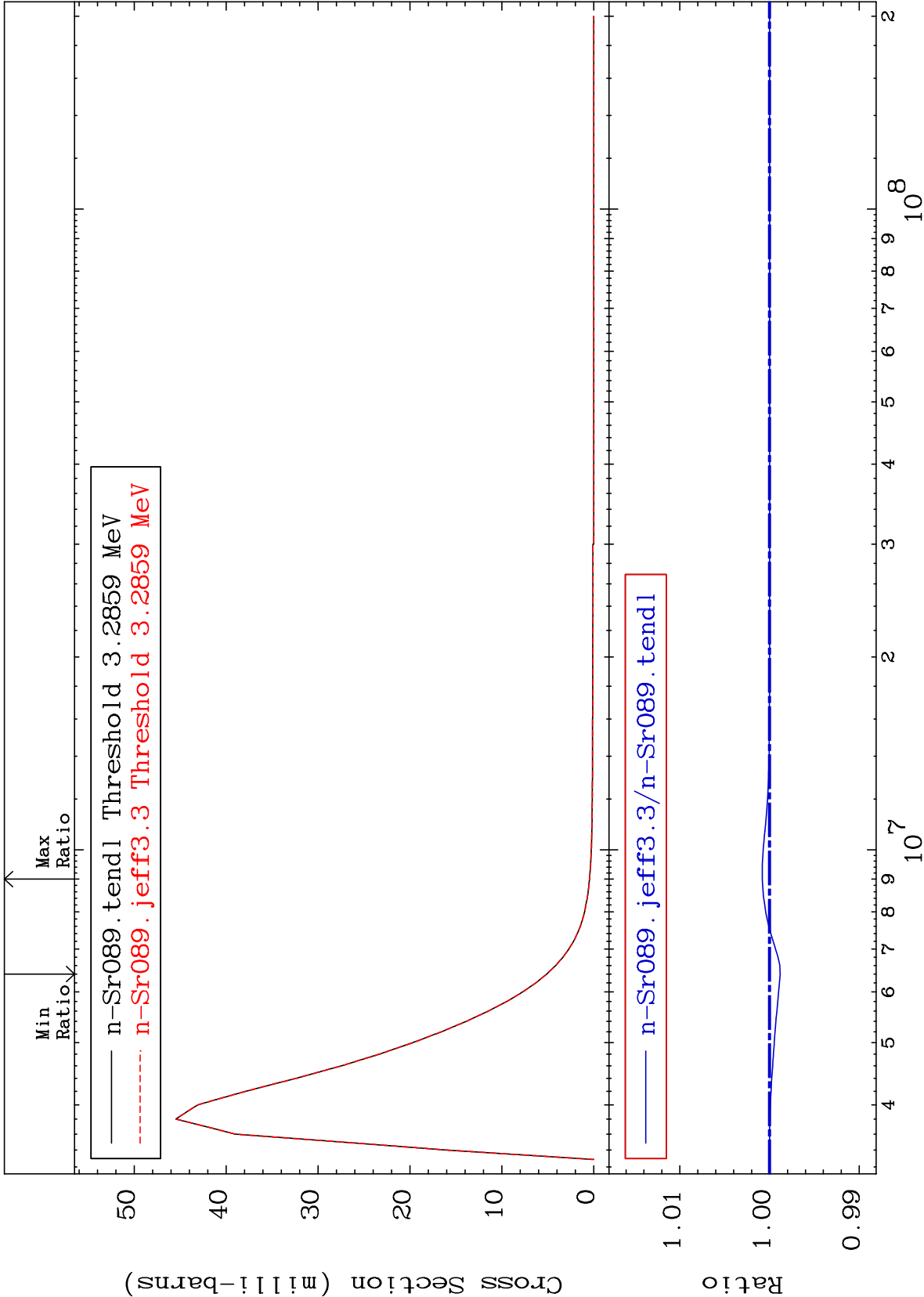
Incident Energy (eV)

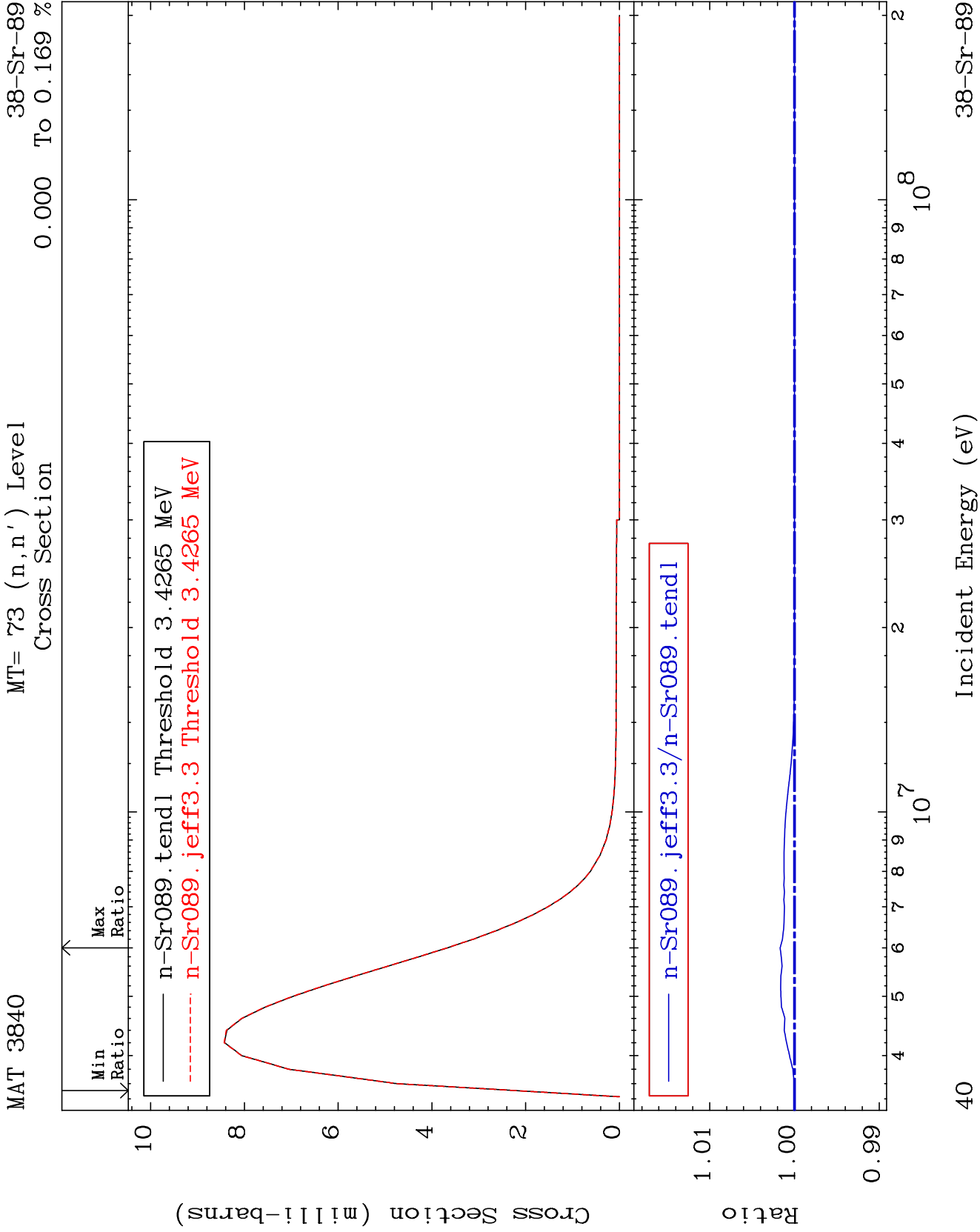
38-Sr-89

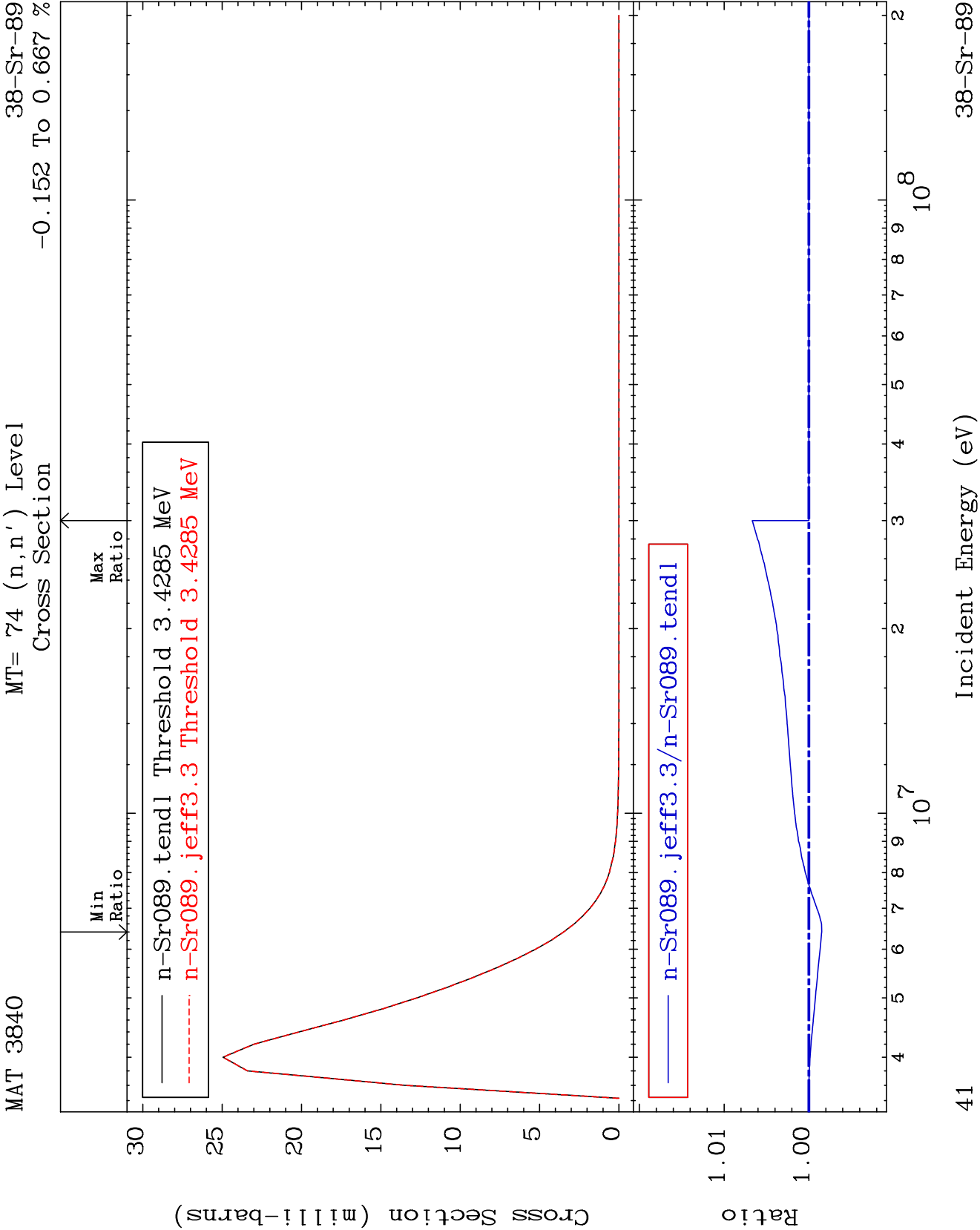
MAT 3840

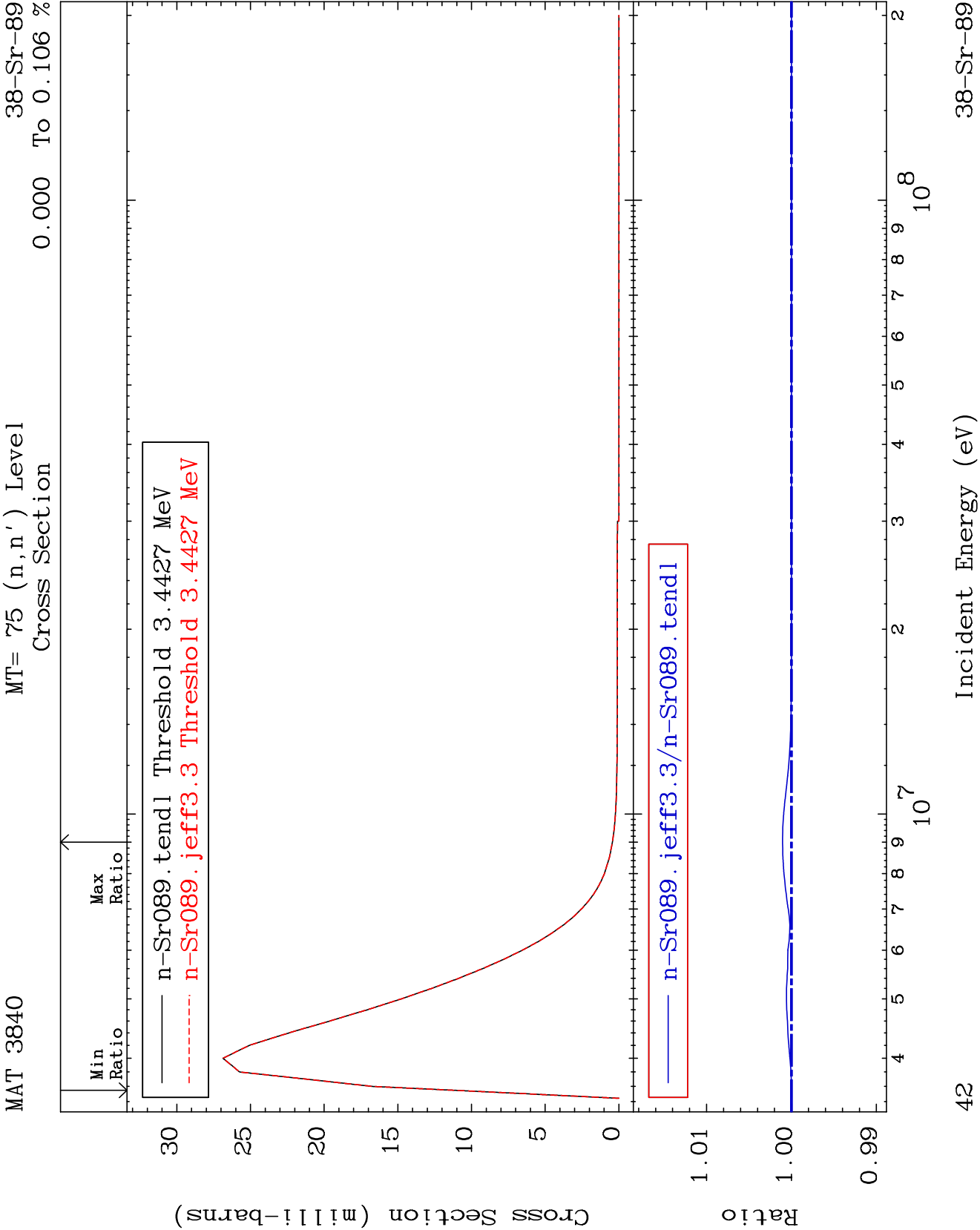
MT= 71 (n,n') Level
Cross Section

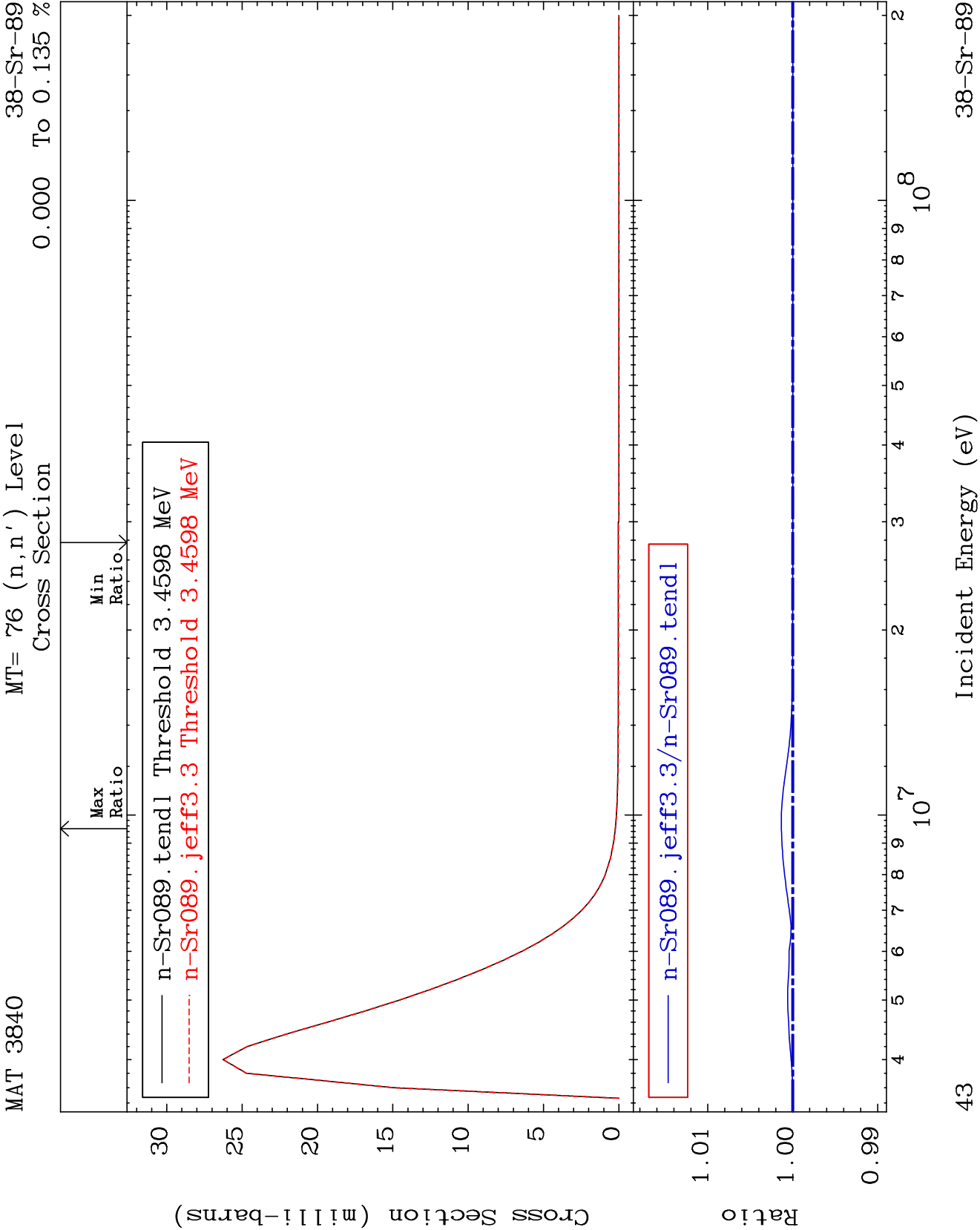
38-Sr-89
-0.118 To 0.082 %







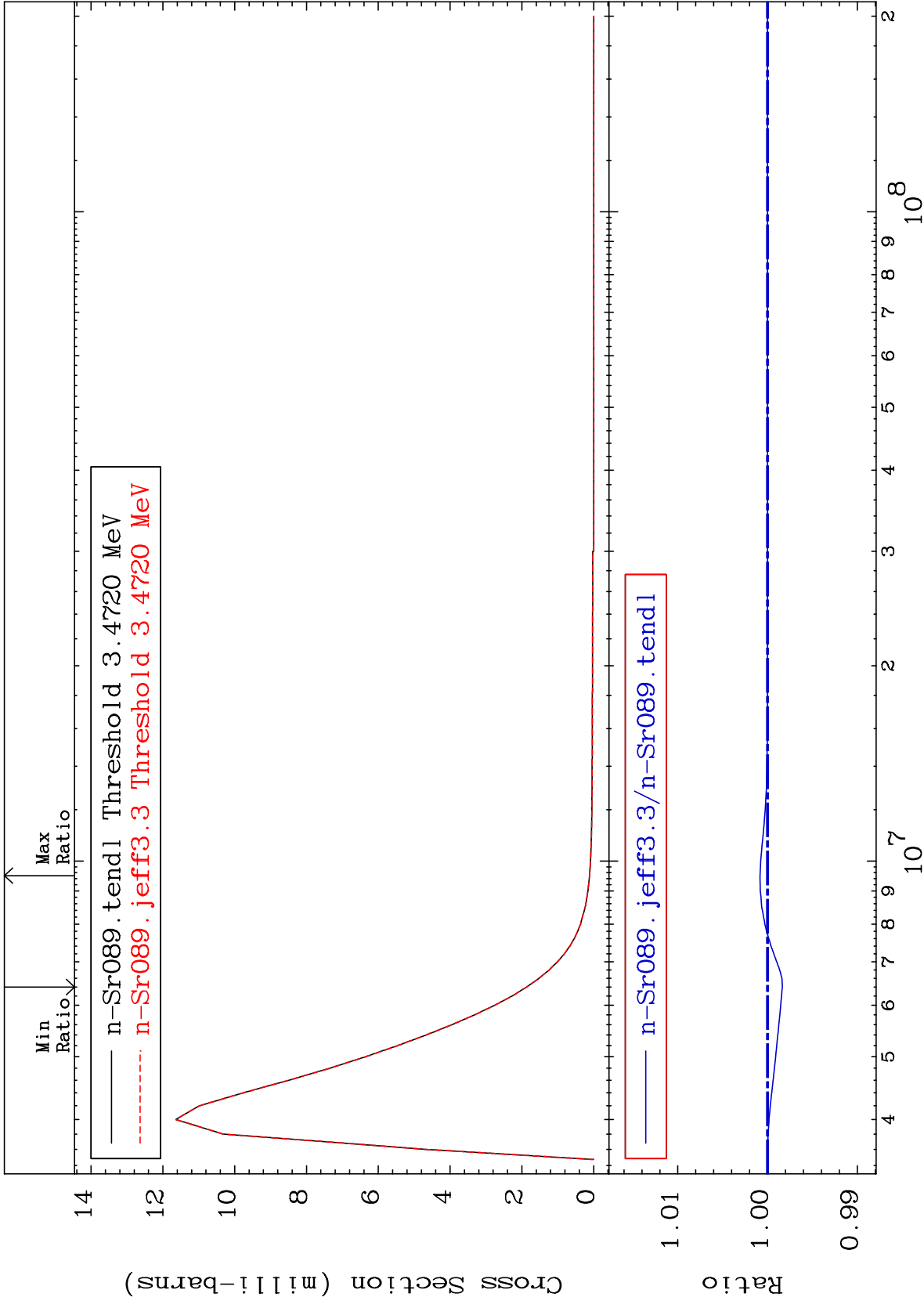


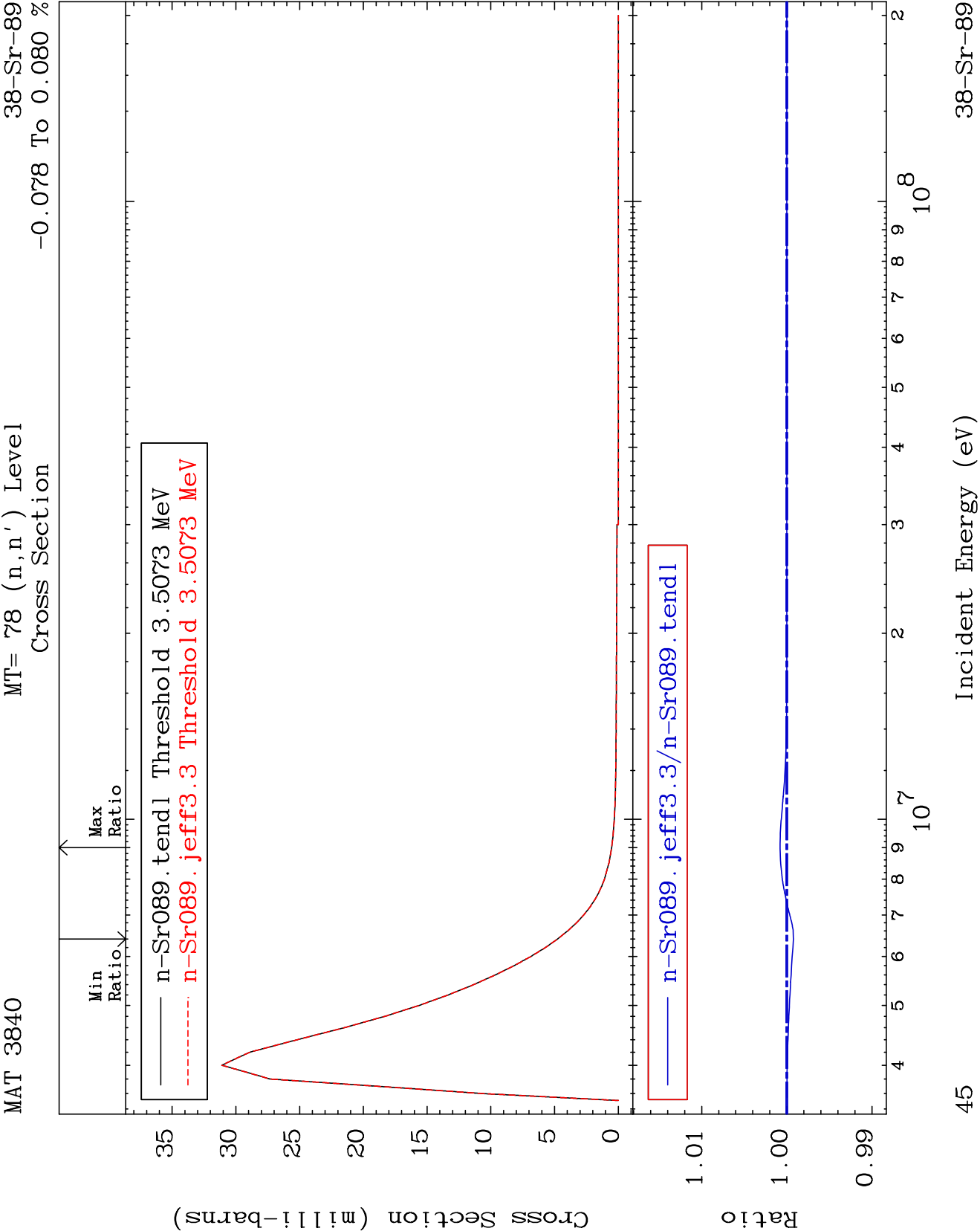


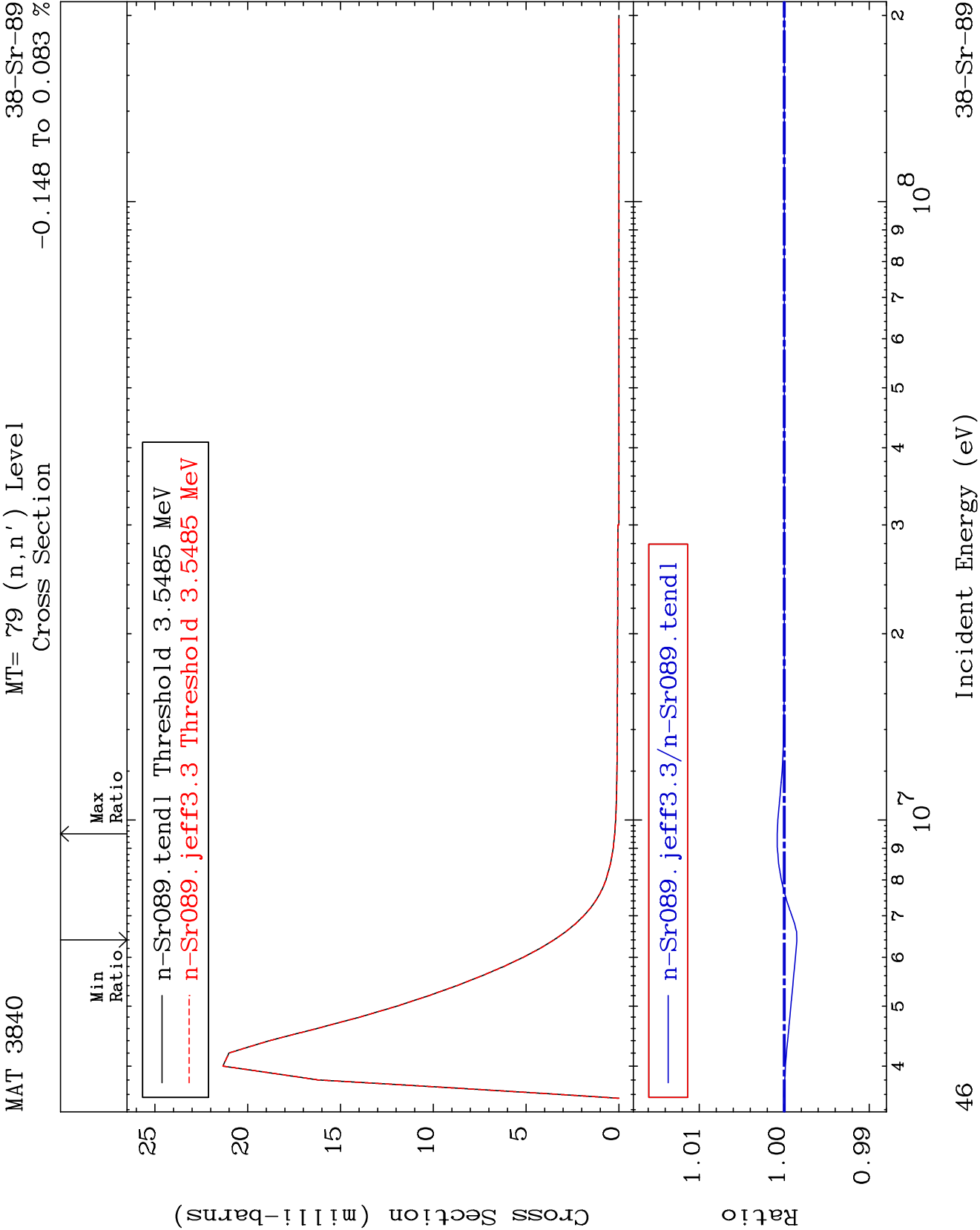
MAT 3840

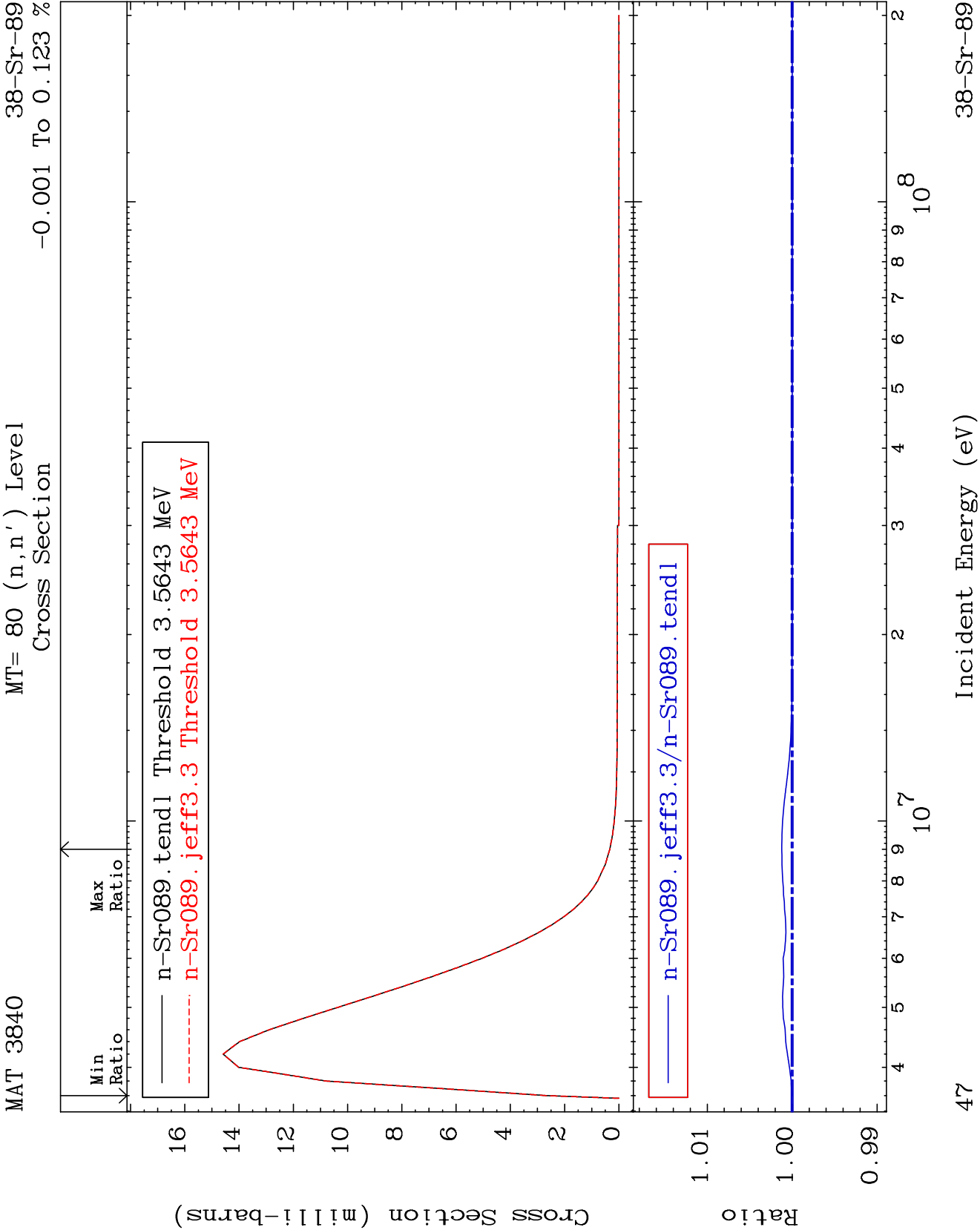
MT= 77 (n,n') Level
Cross Section

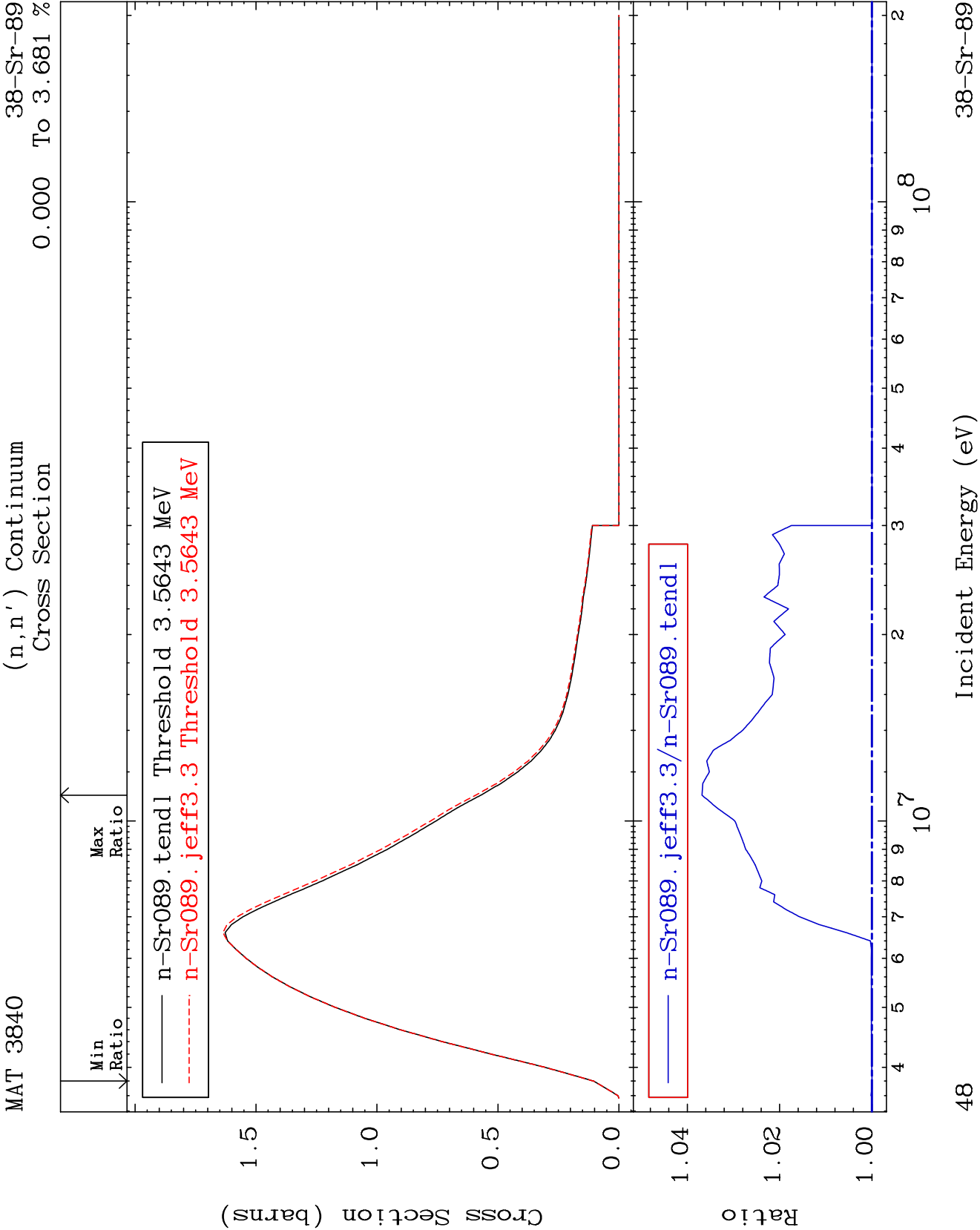
38-Sr-89
-0.166 To 0.084 %

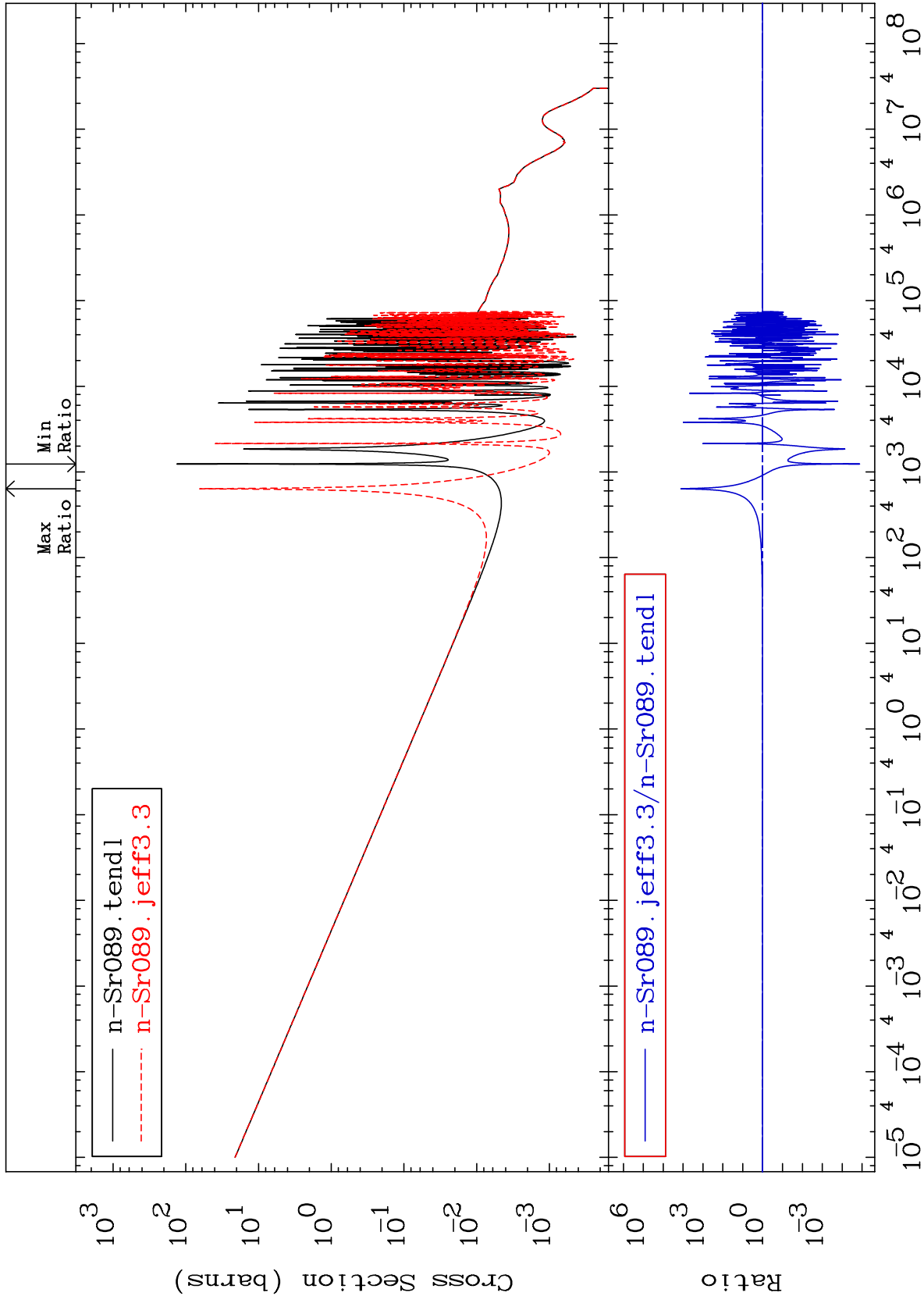


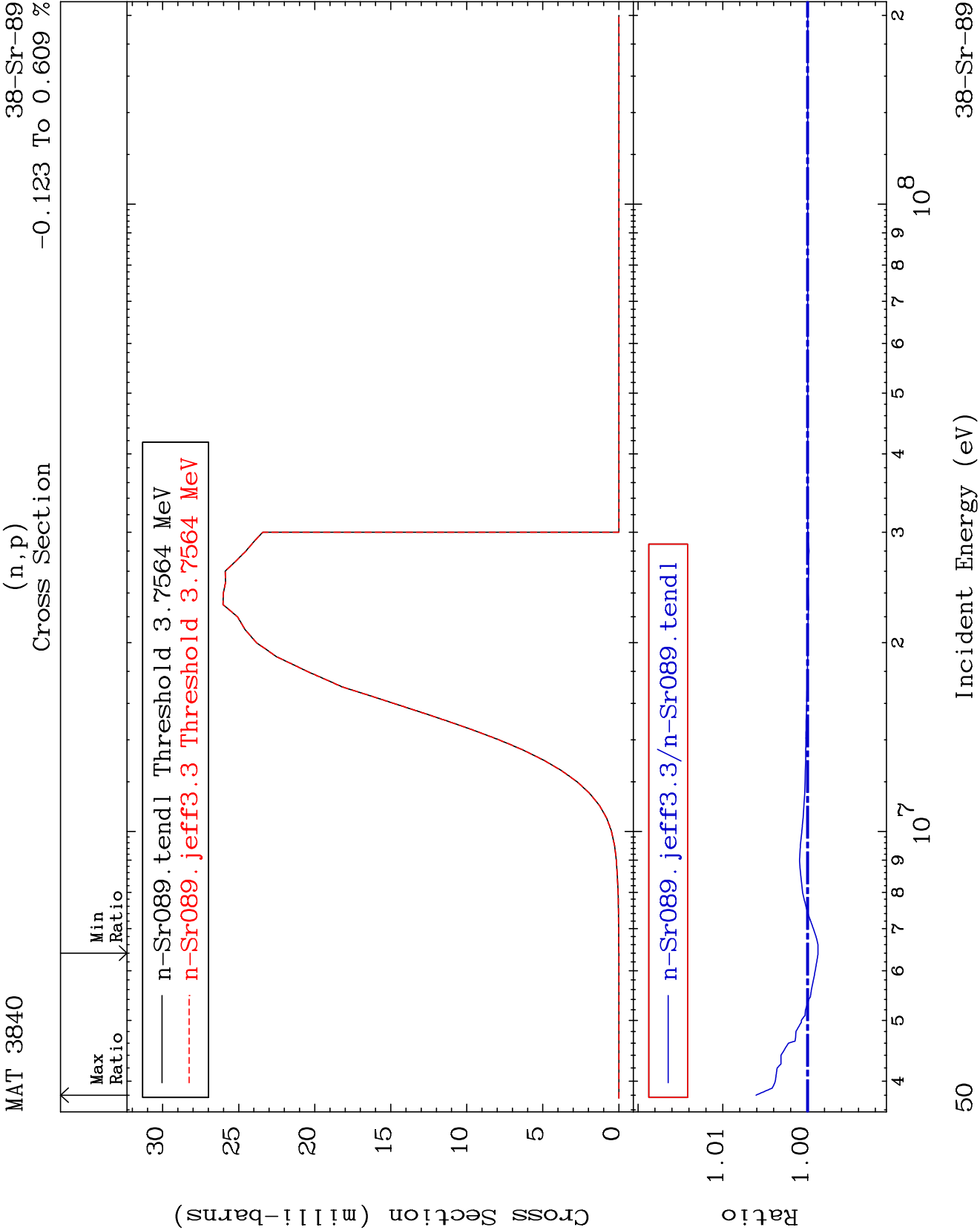


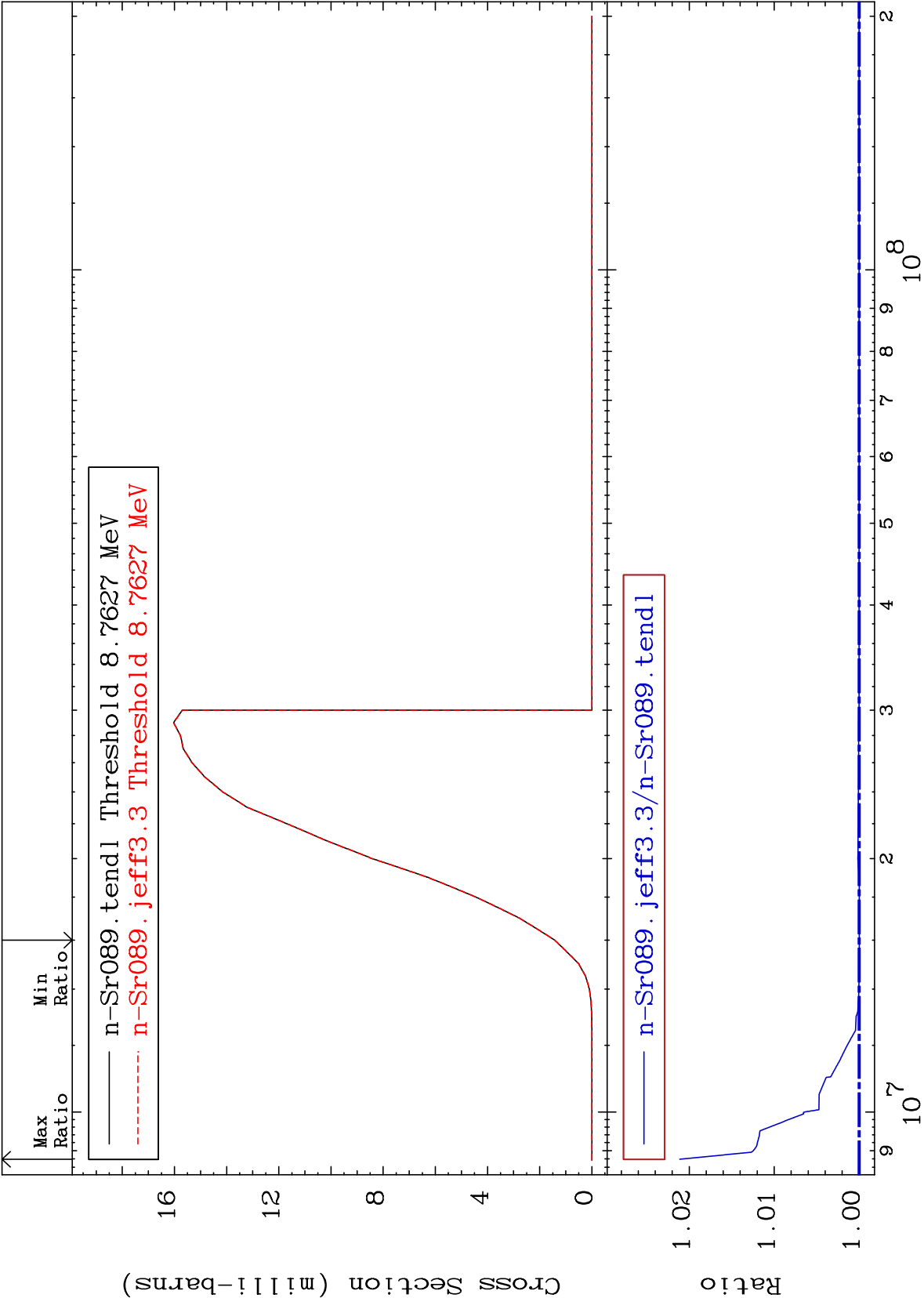






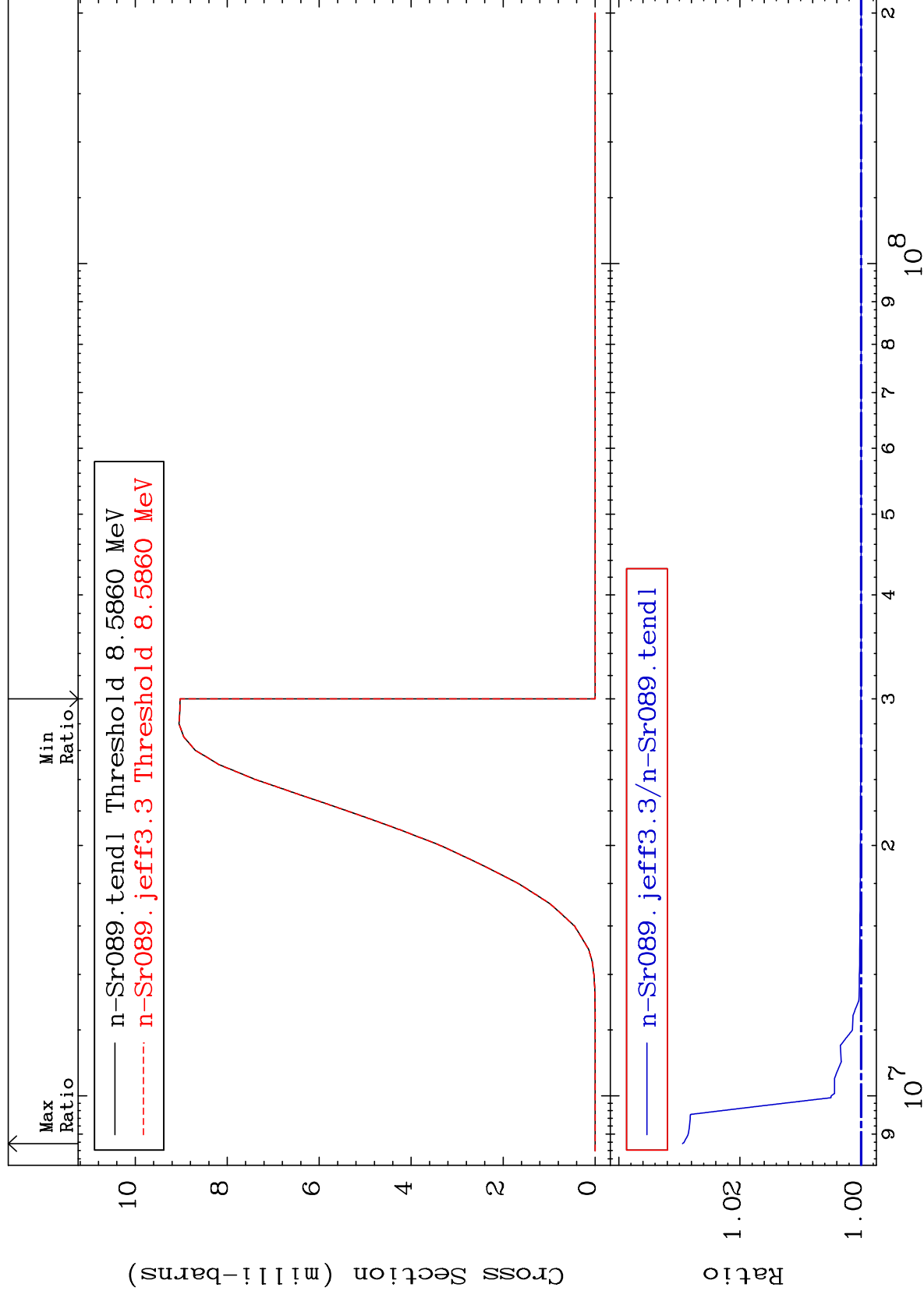






MAT 3840

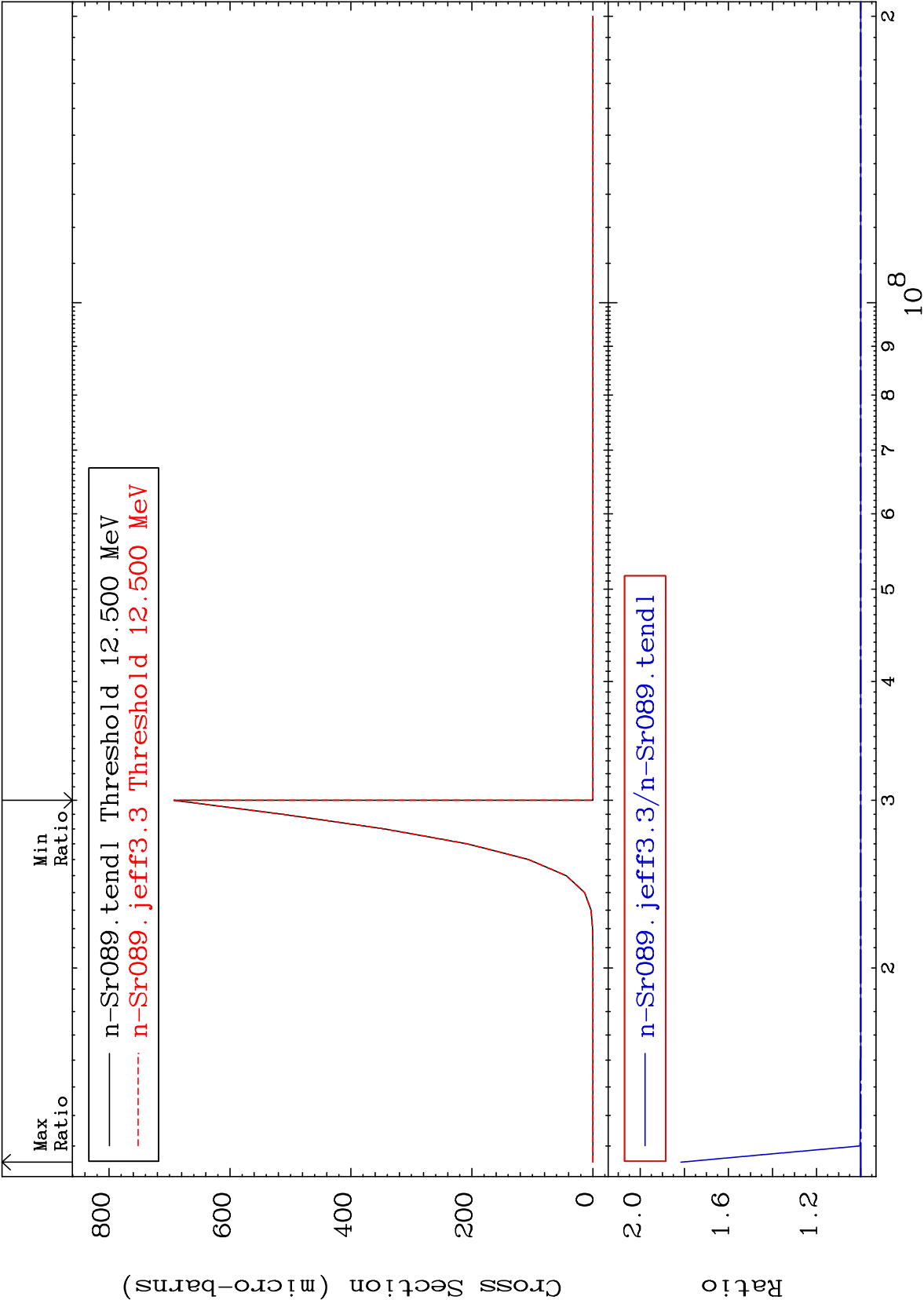
(n, t)	38-Sr-89
Cross Section	0.000 To 2.948 %



Cross Section

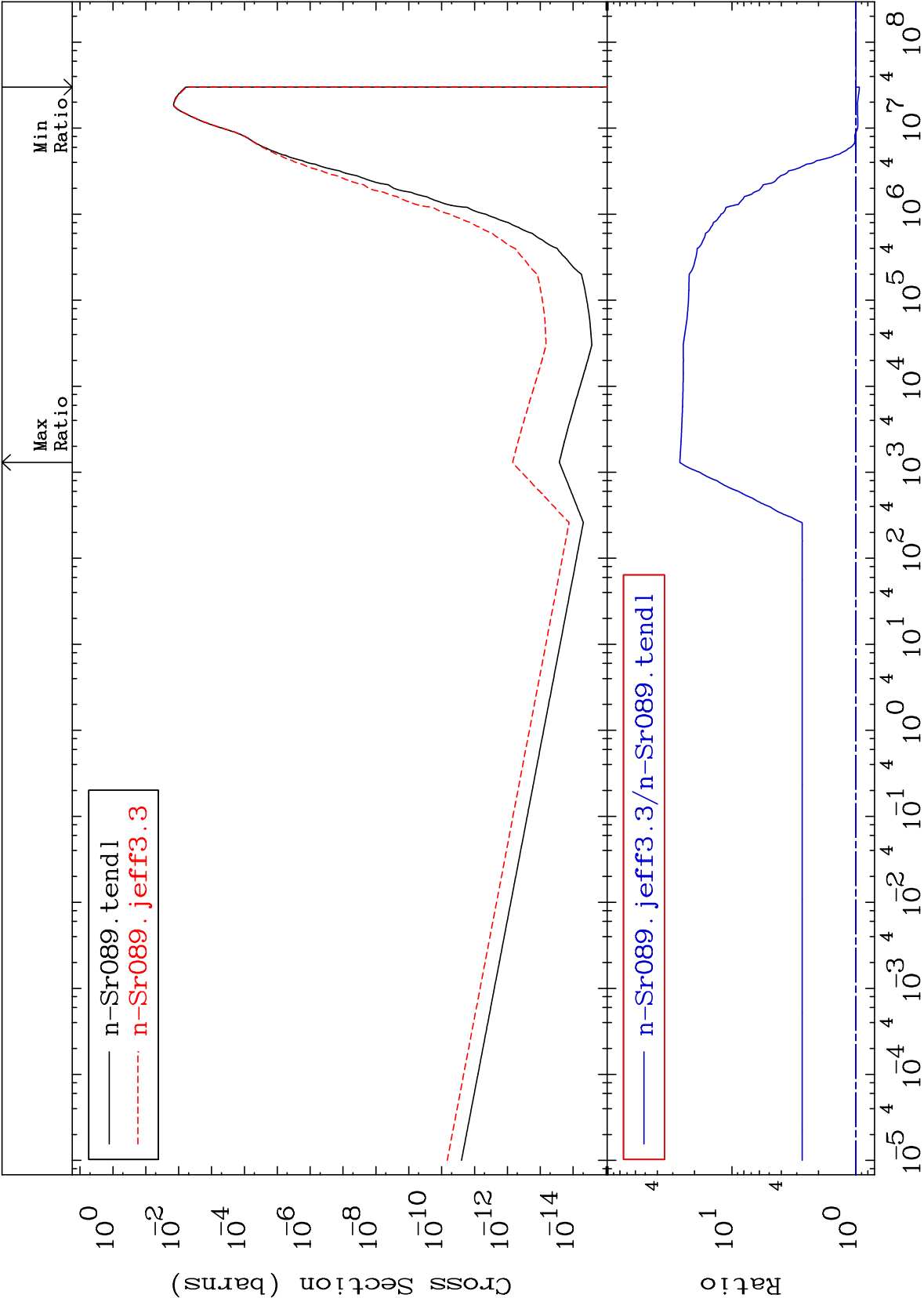
0.000

To 81.59 %



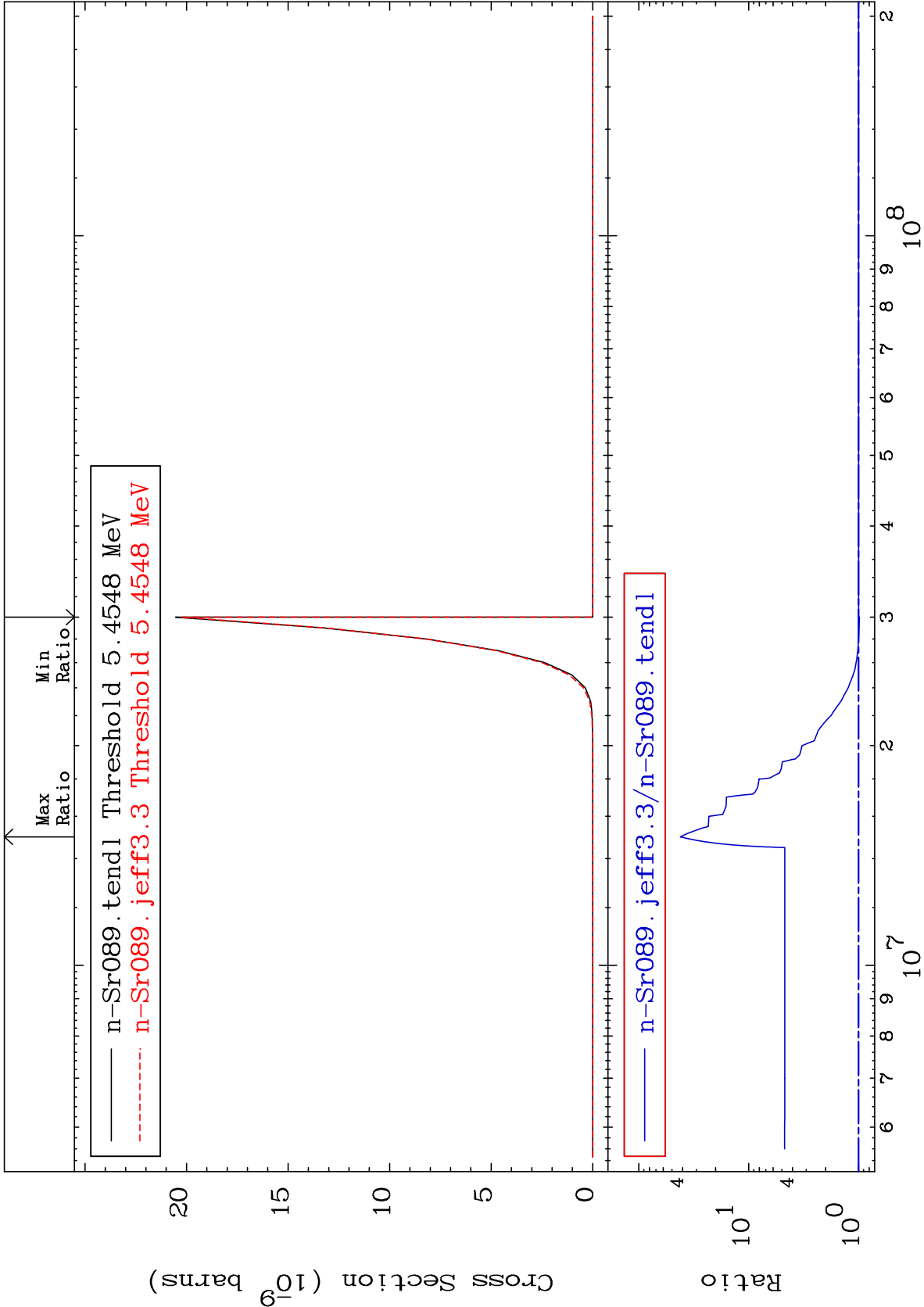
(n,α)
Cross Section

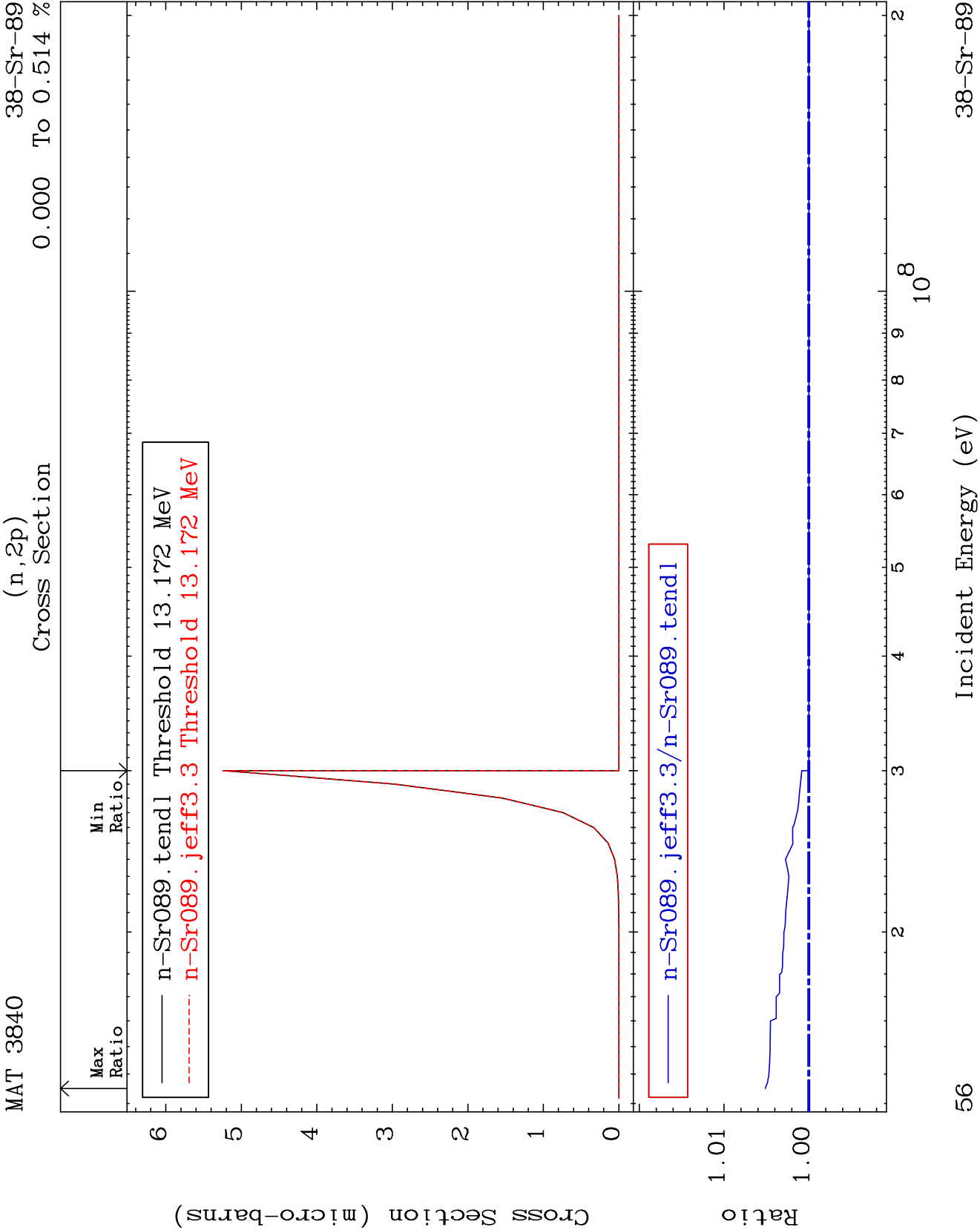
-6.063 To 2534. %



Cross Section

-1.593 To 4087. %

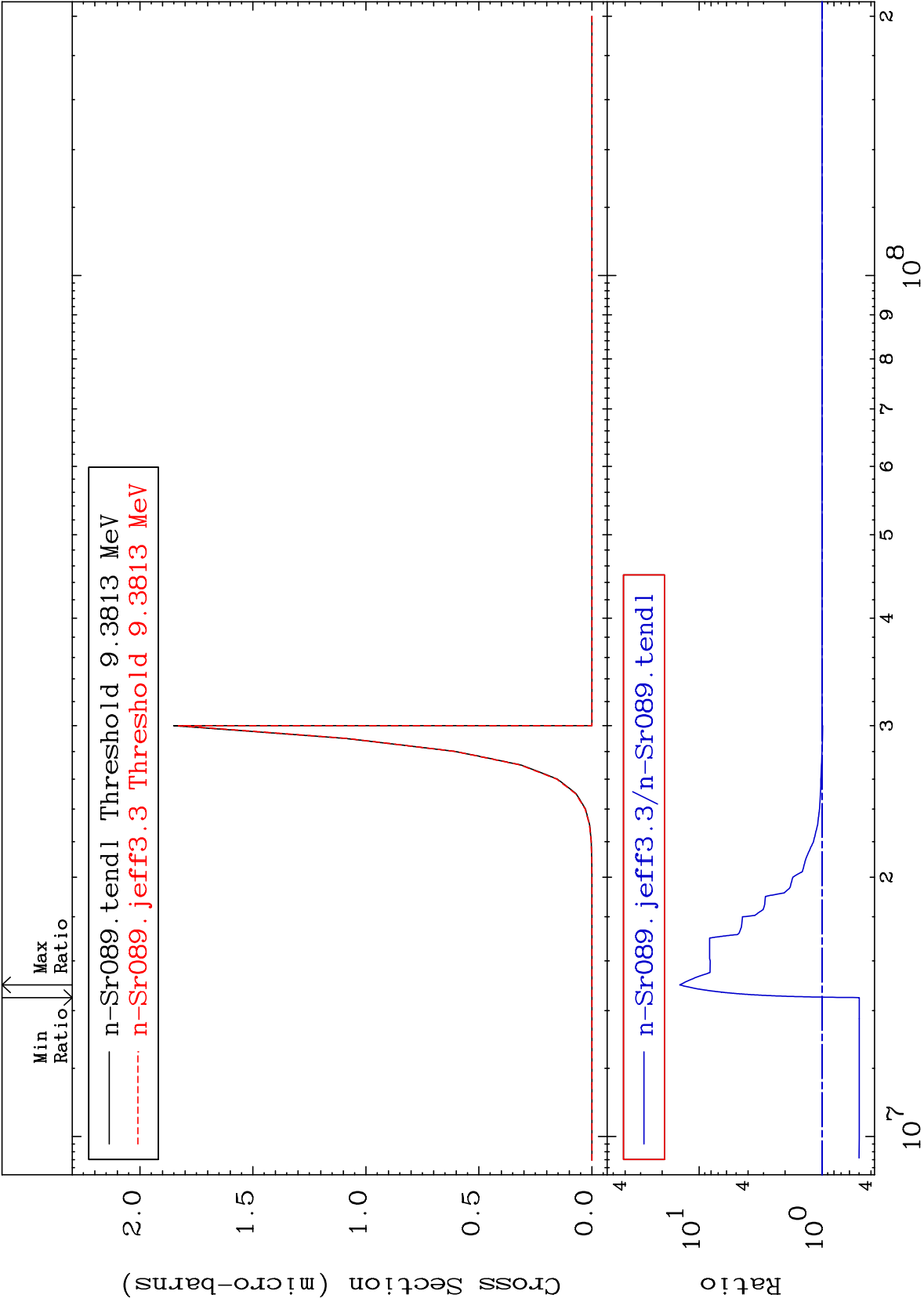




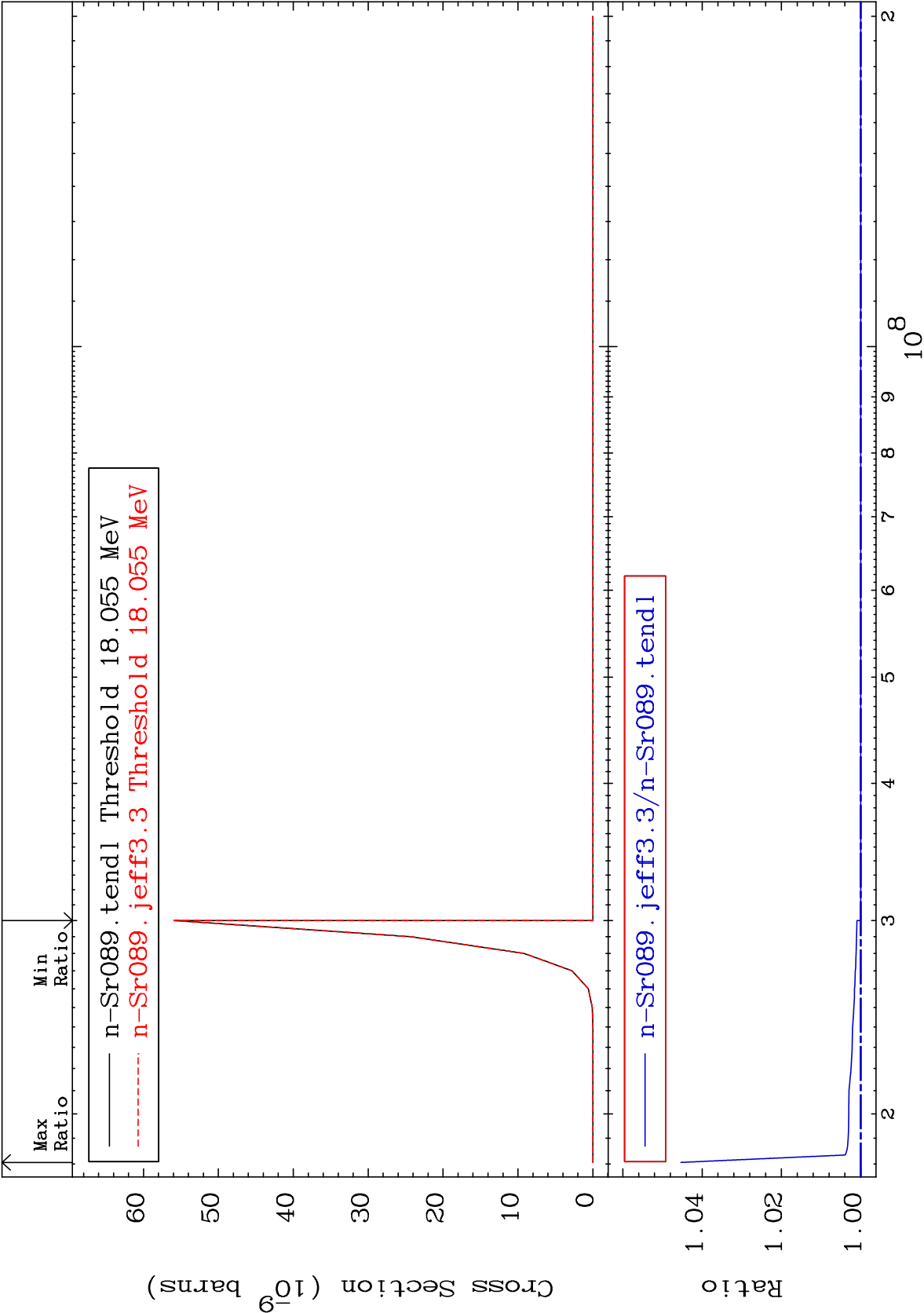
MAT 3840

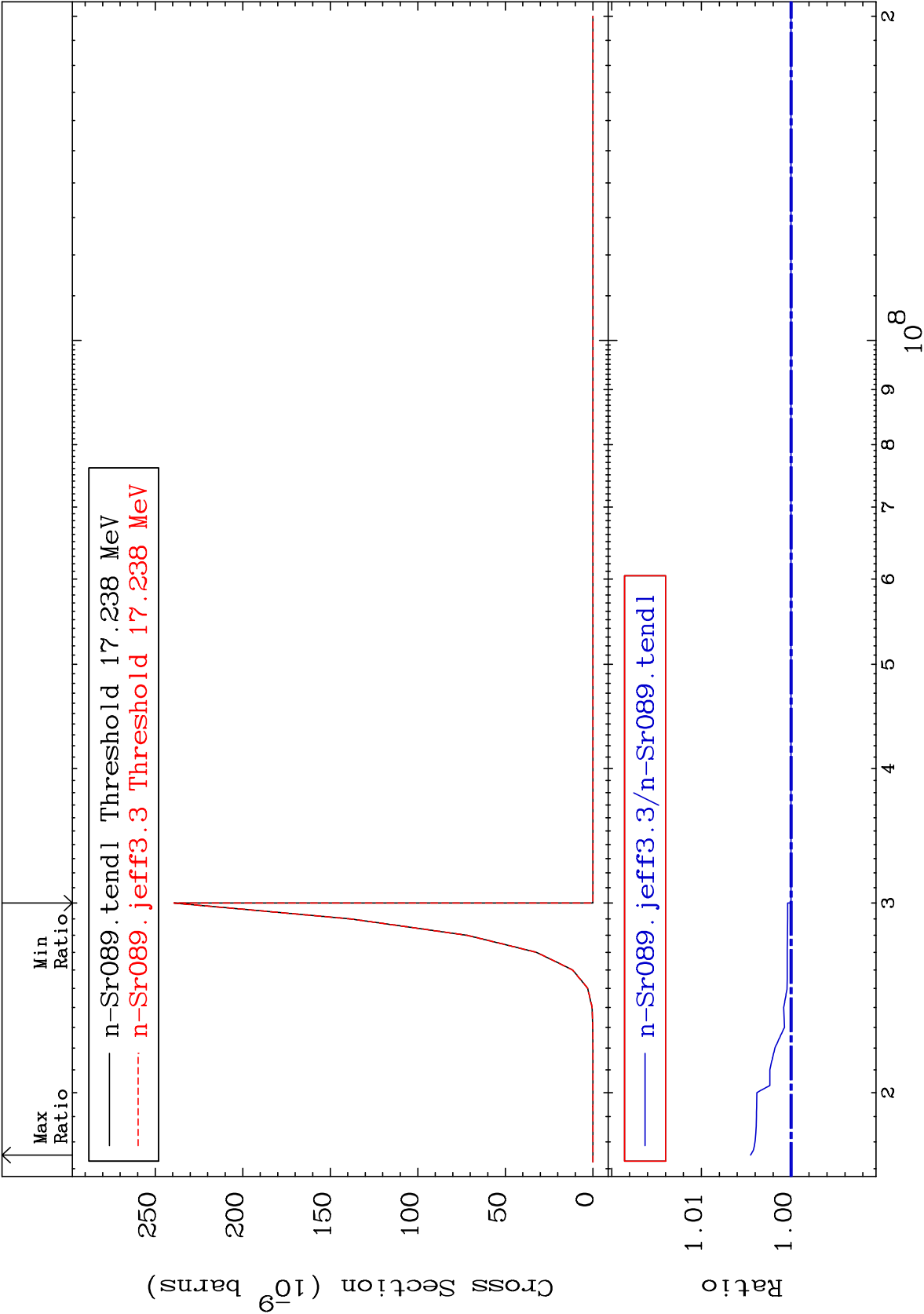
(n,p) α
Cross Section

^{38}Sr -89
-50.16 To 1339. %



57

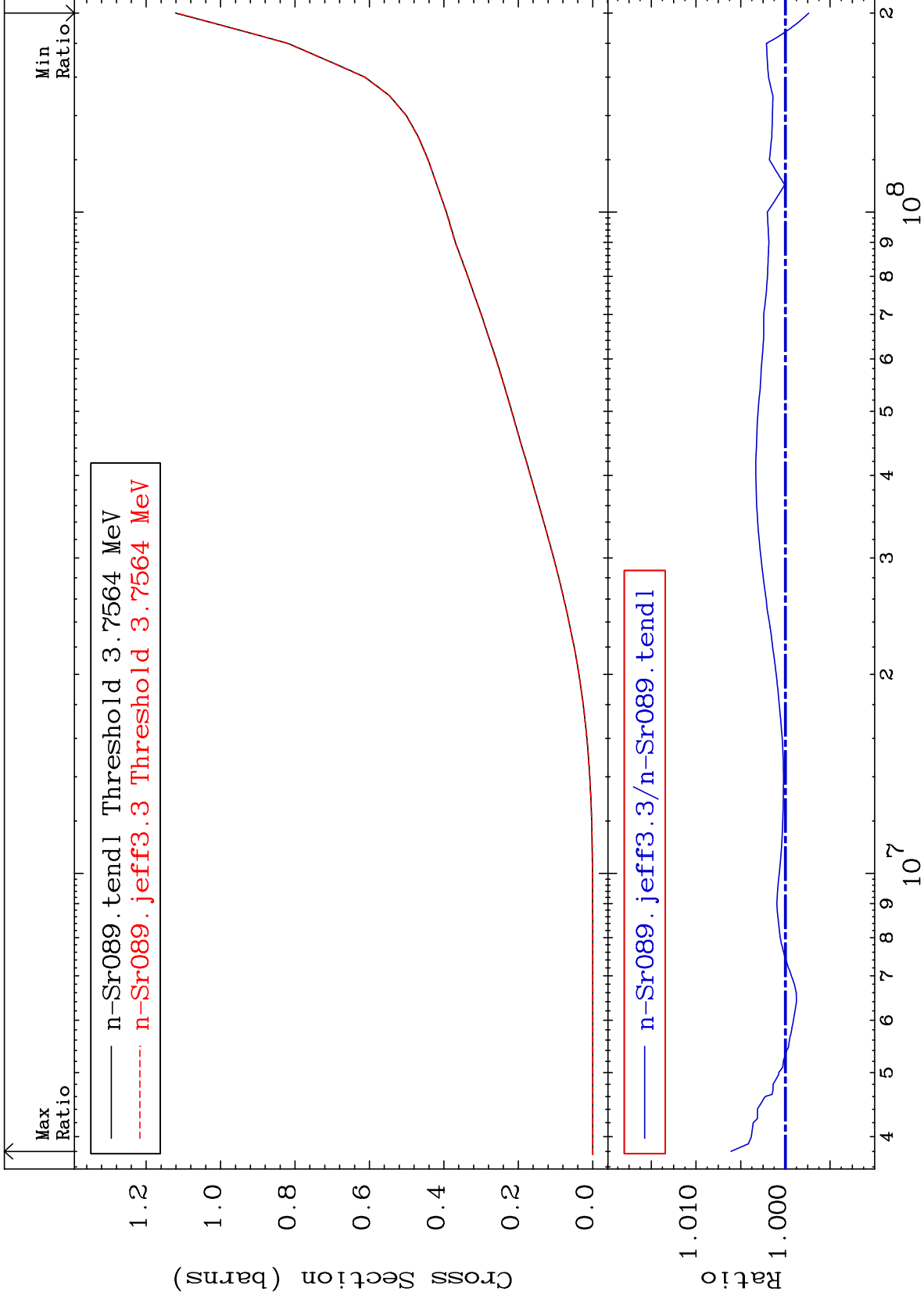




MAT 3840

Hydrogen Production
Cross Section

38-Sr-89
-0.262 To 0.609 %



60

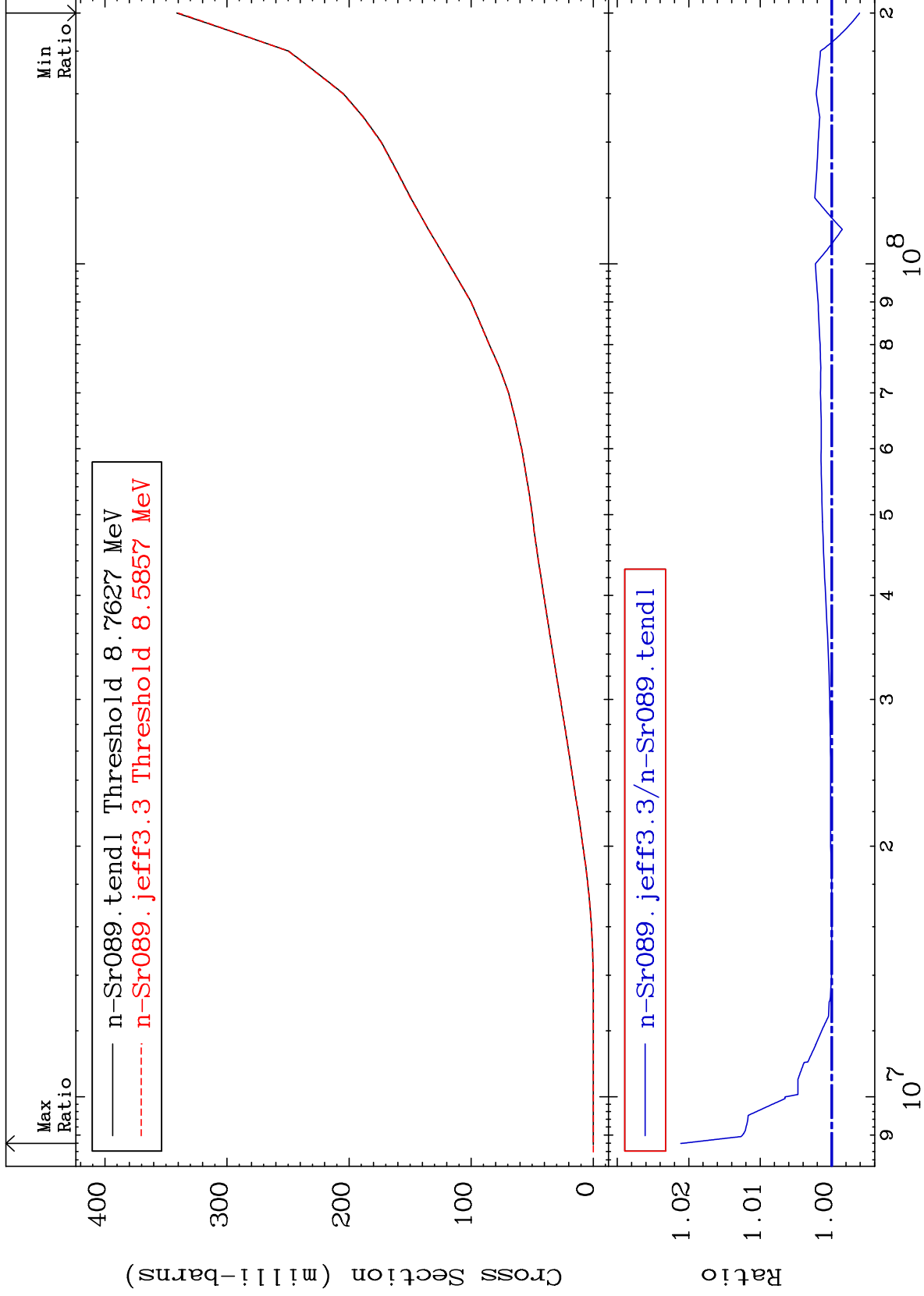
Incident Energy (eV)

38-Sr-89

MAT 3840

Deuterium Production
Cross Section

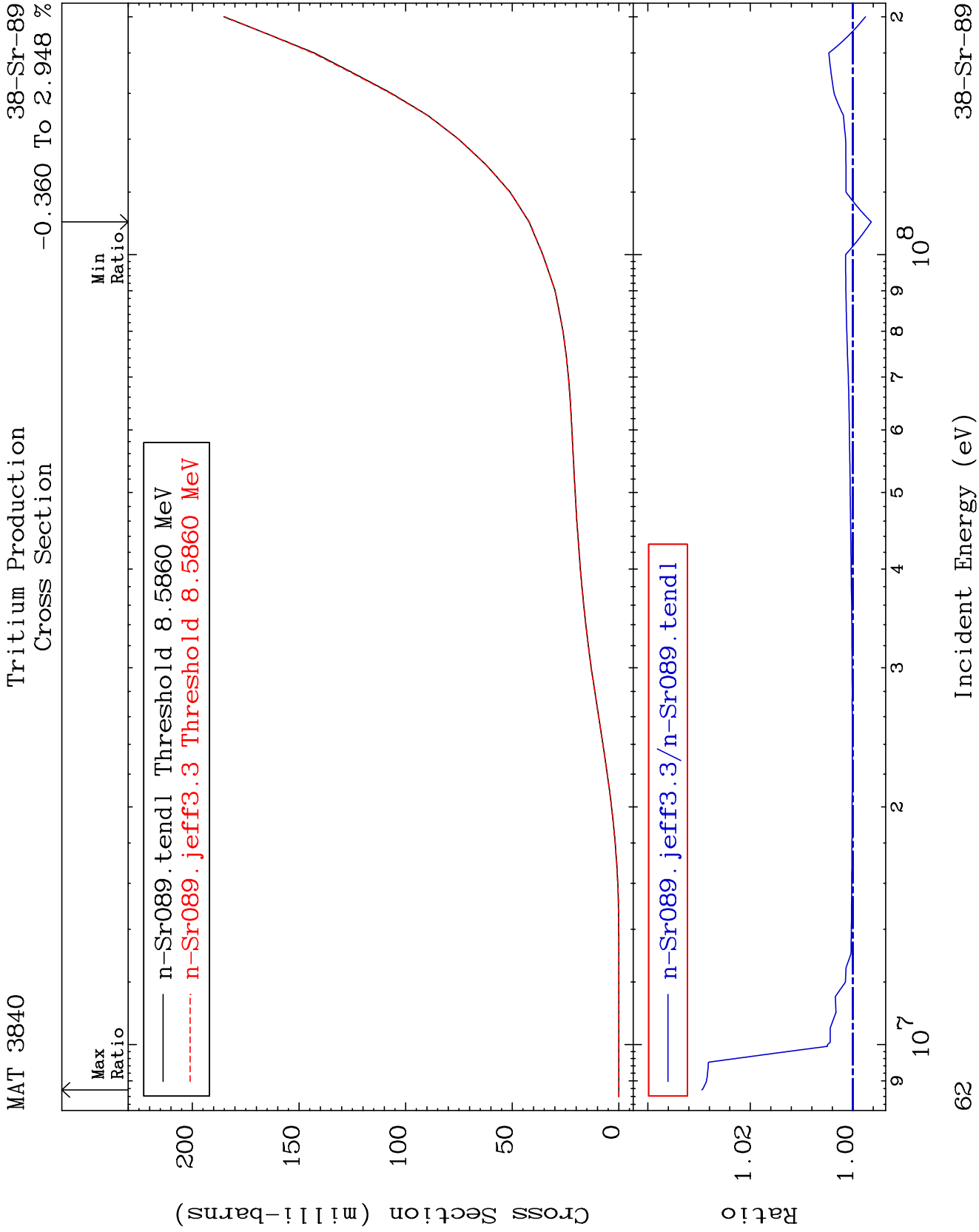
38-Sr-89
-0.390 To 2.112 %

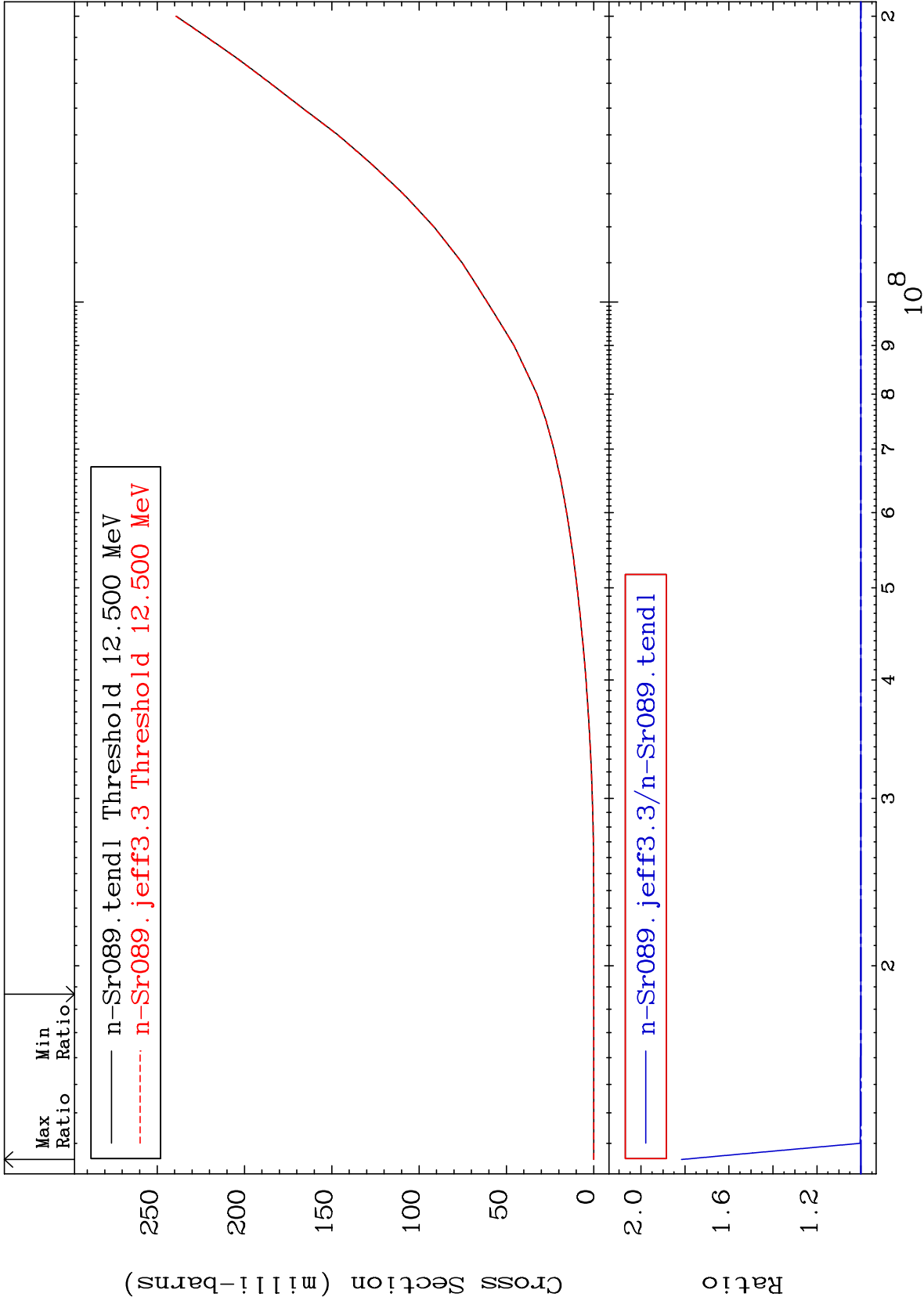


61

Incident Energy (eV)

38-Sr-89

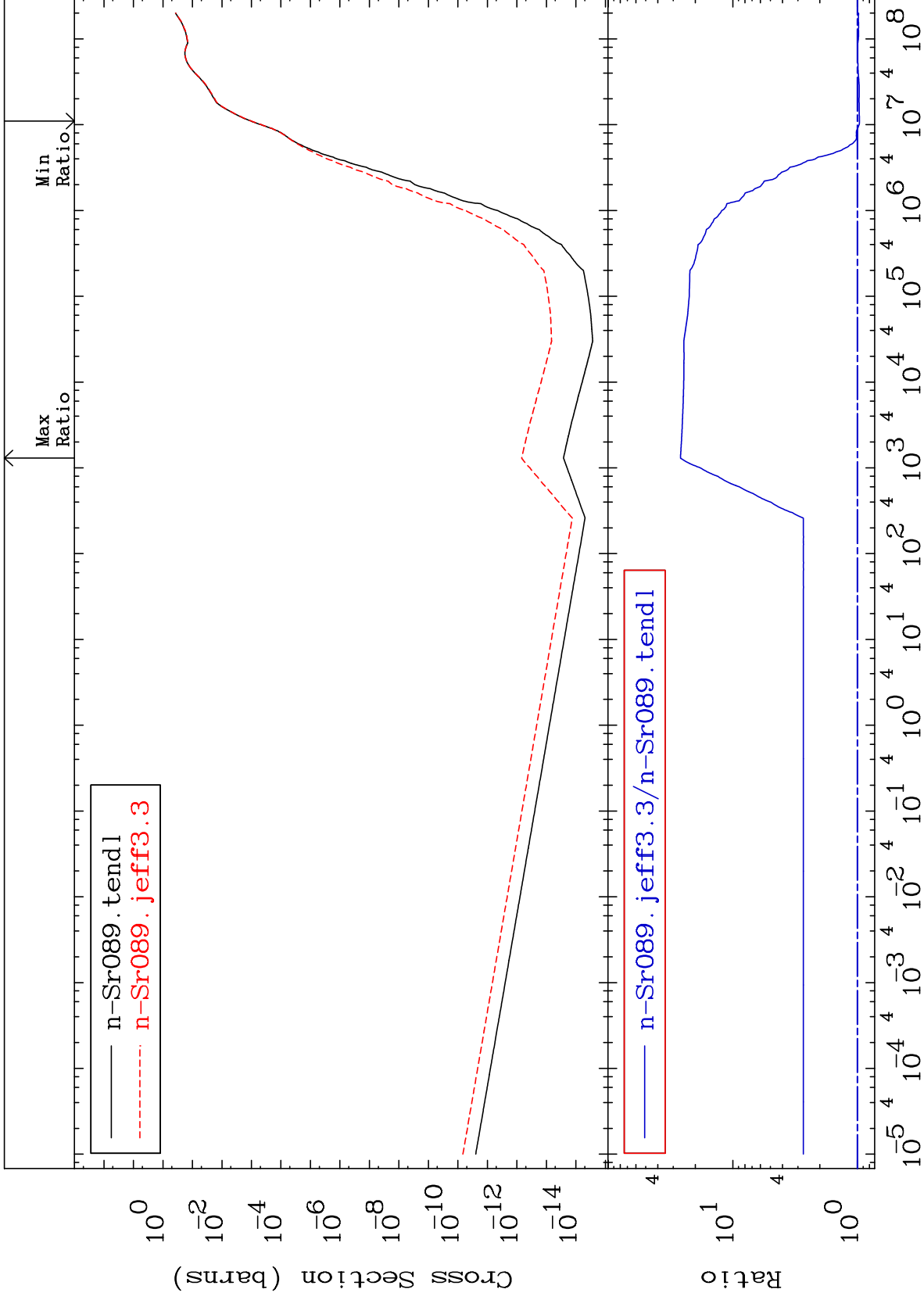




MAT 3840

He-4 Production
Cross Section

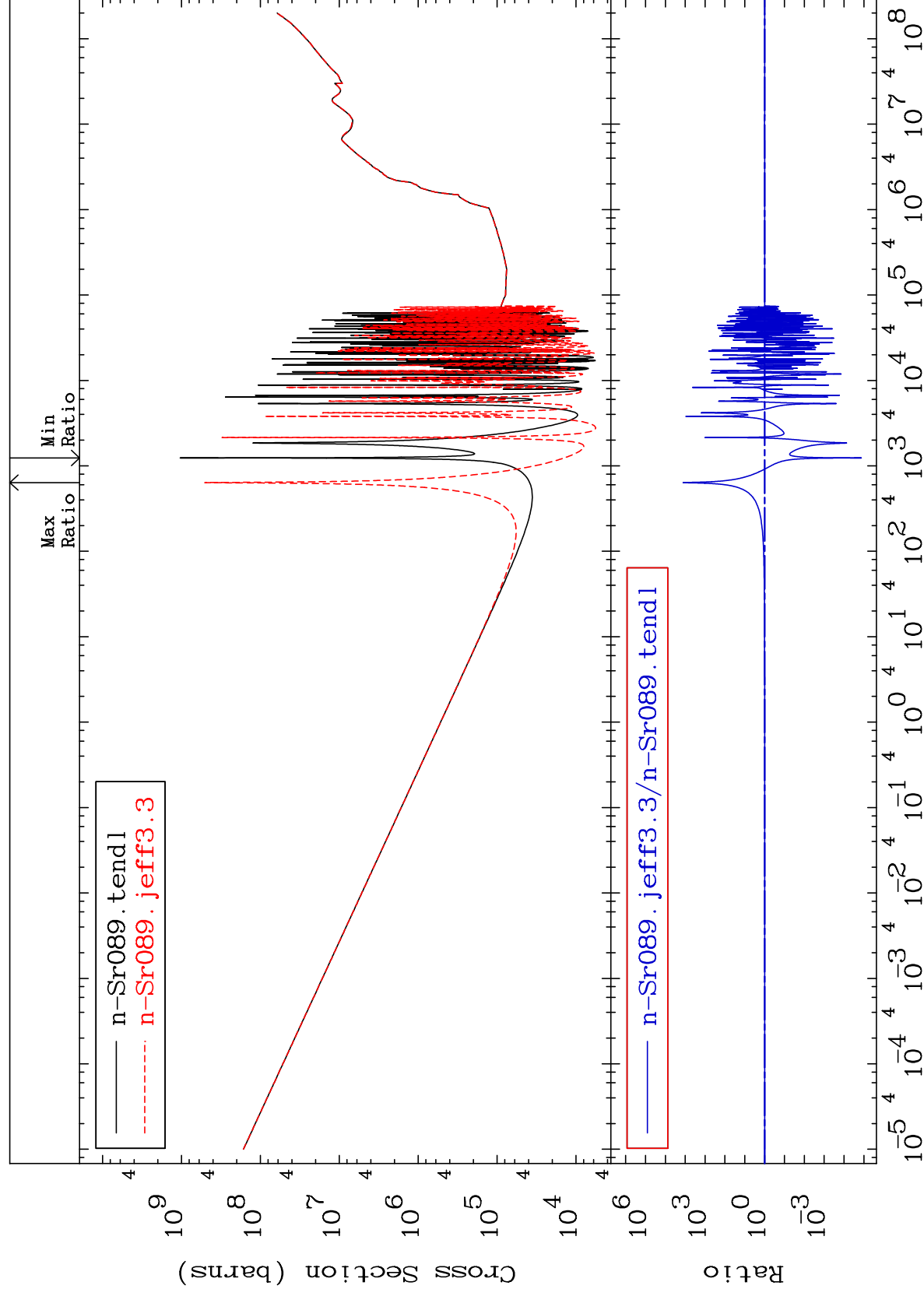
38-Sr-89
-3.625 To 2534. %



64

Incident Energy (eV)

38-Sr-89



Max Ratio	Min Ratio
--------------	--------------

Min_Ratio

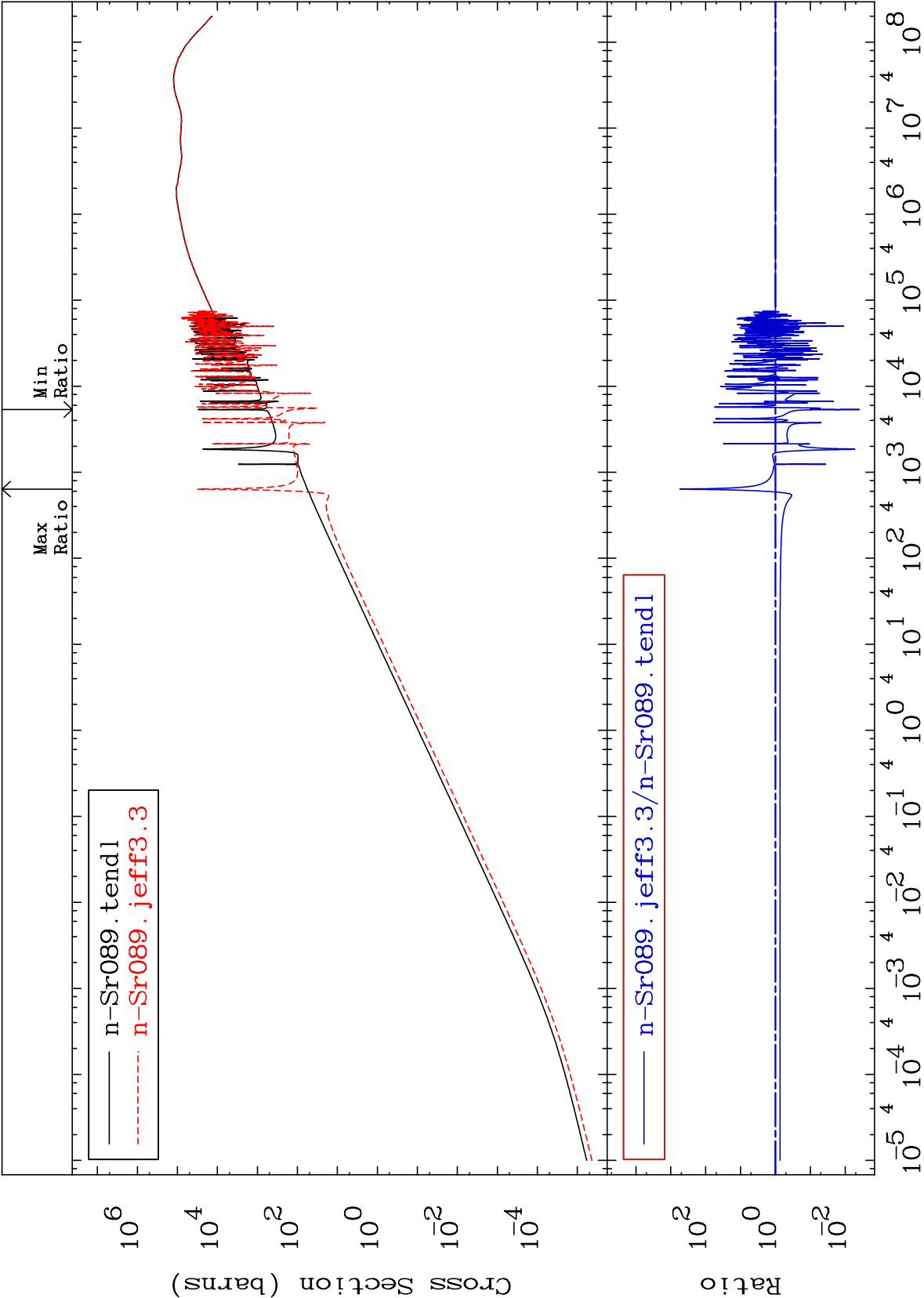
n-Sr089.tendl

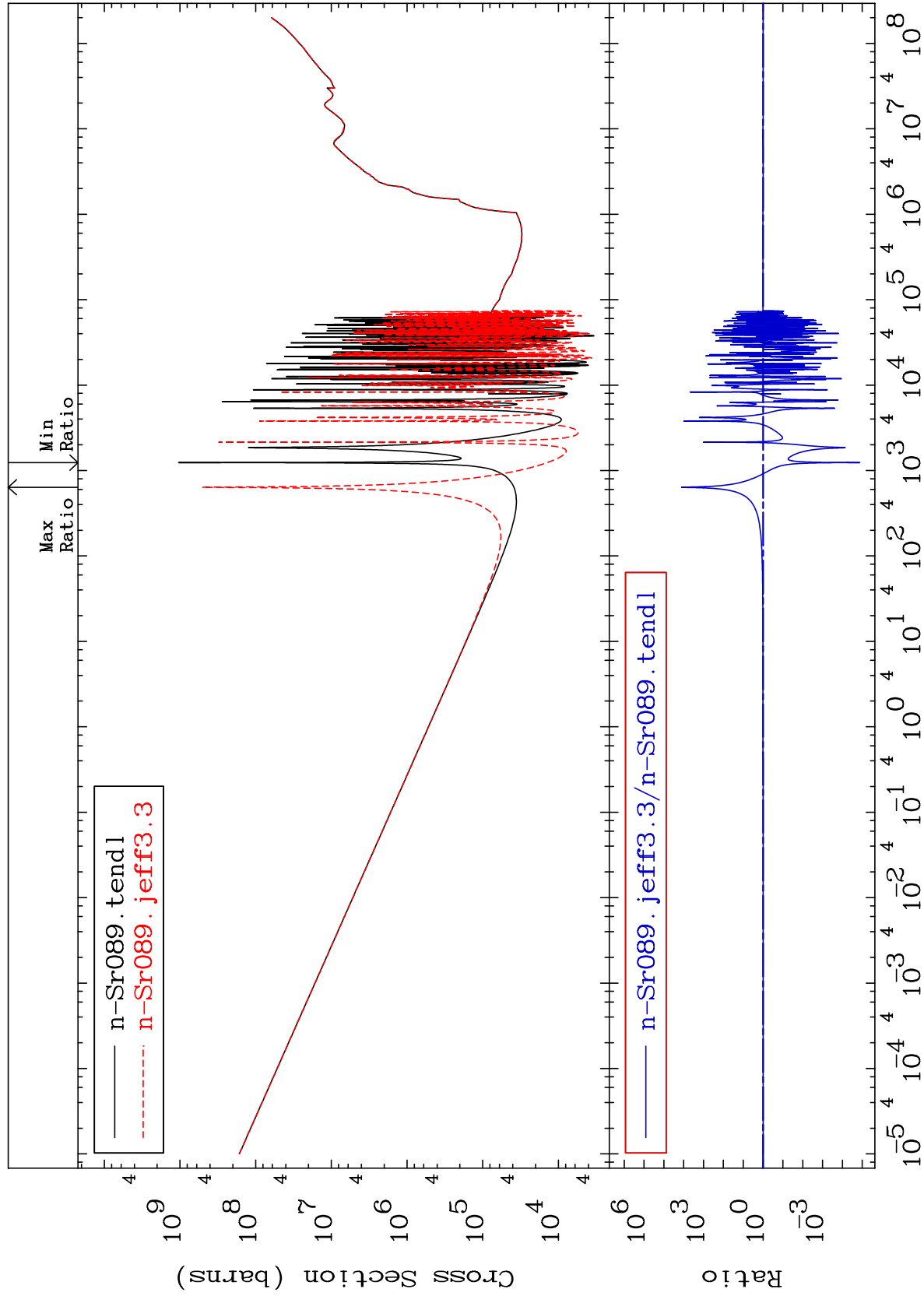
-----: n-Sr089.jeff3.3

— n-Sr089.jeff3.3/n-Sr089.tendl

Ratio

Incident Energy (eV)





MAT 3840

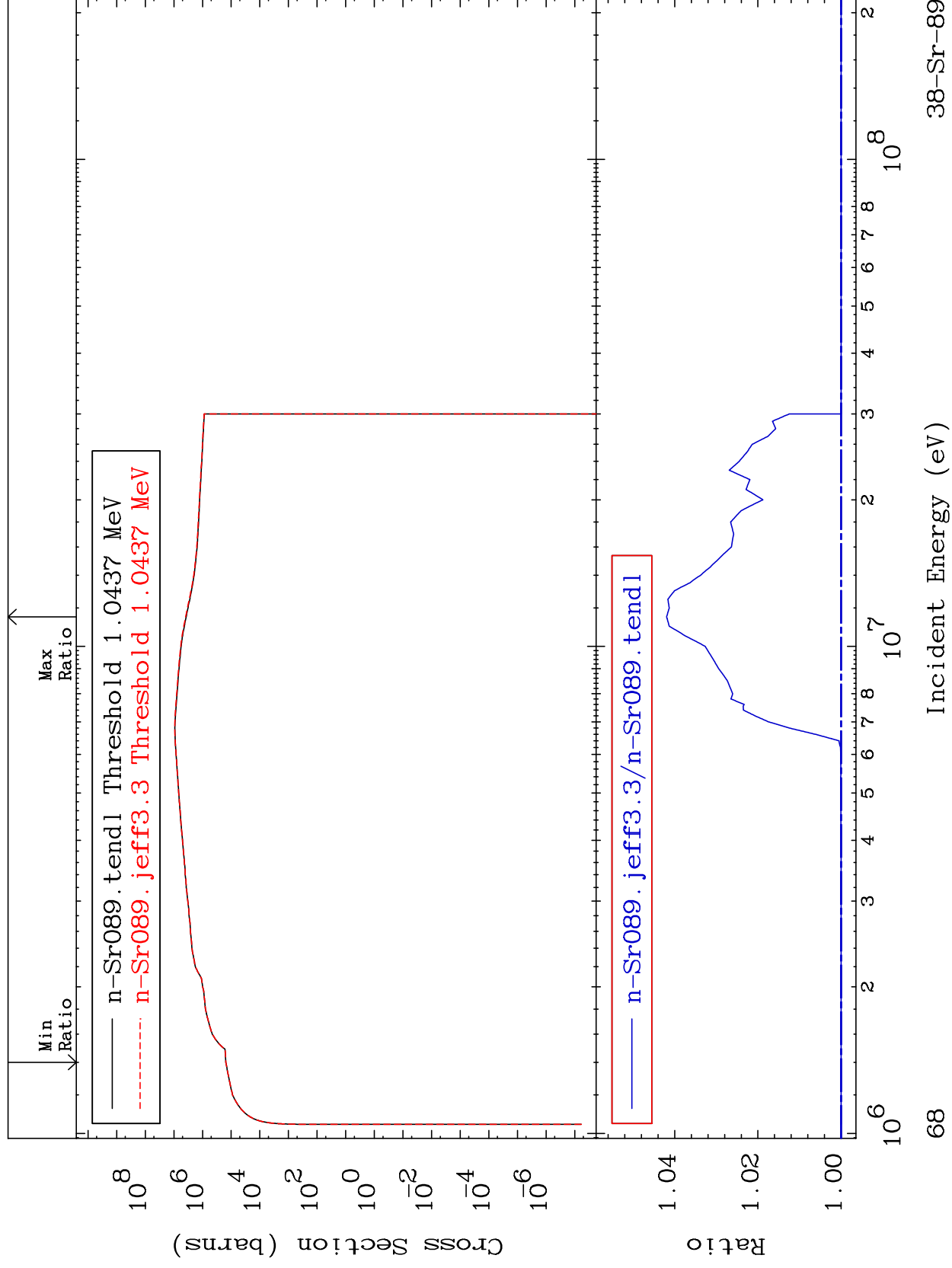
Kerma inelastic (mt51-91)

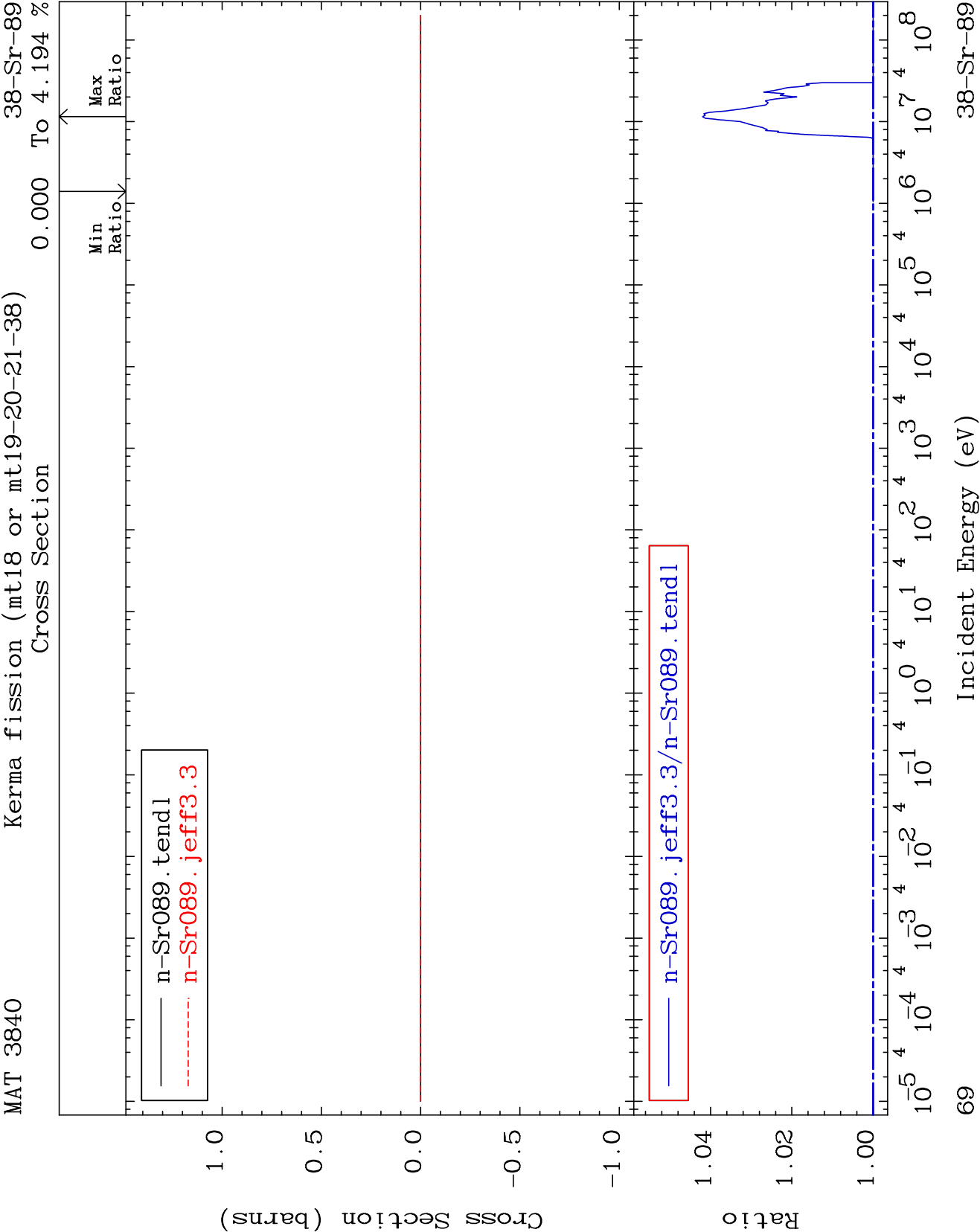
38-Sr-89

Cross Section

0.000

To 4.194 %

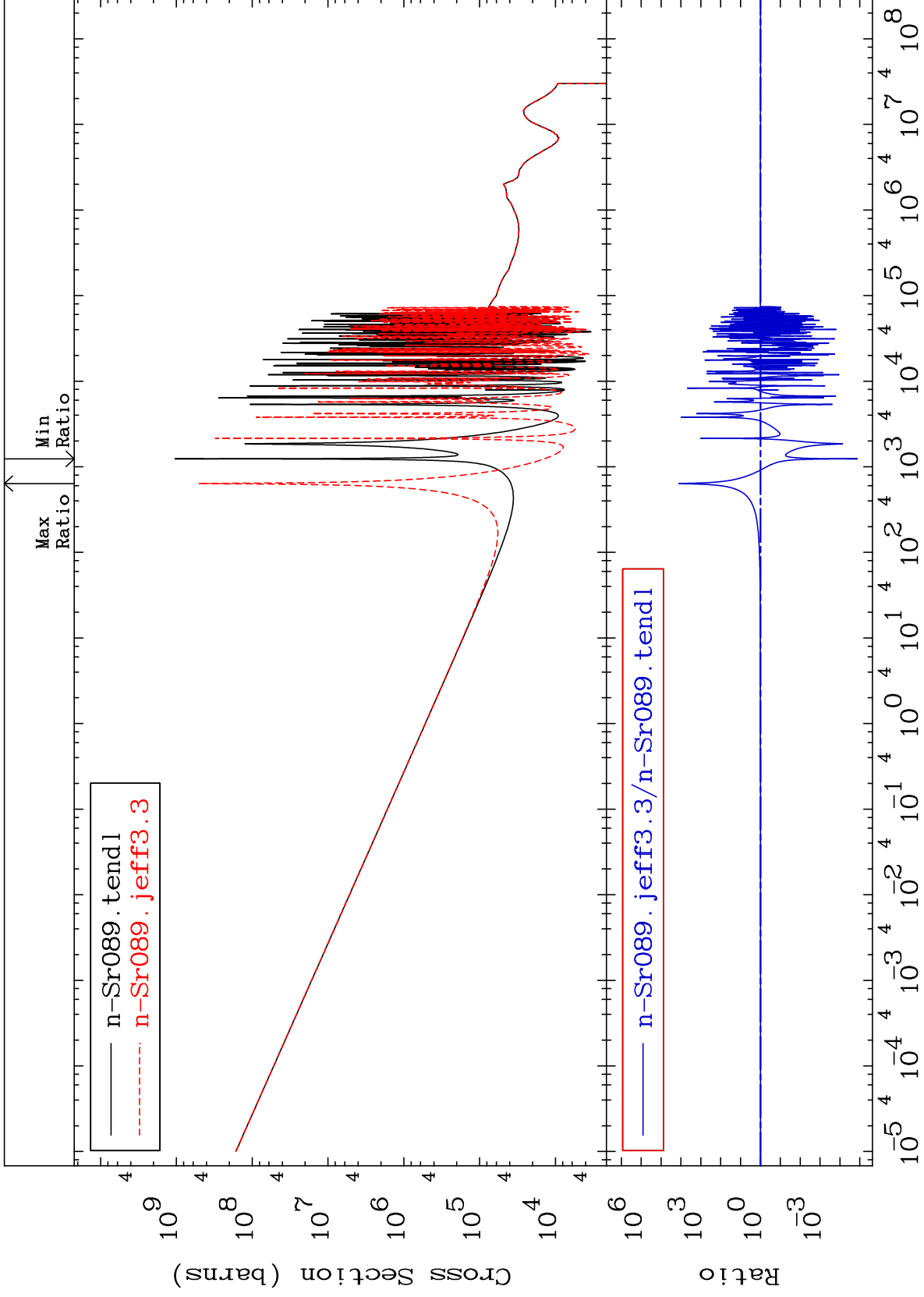


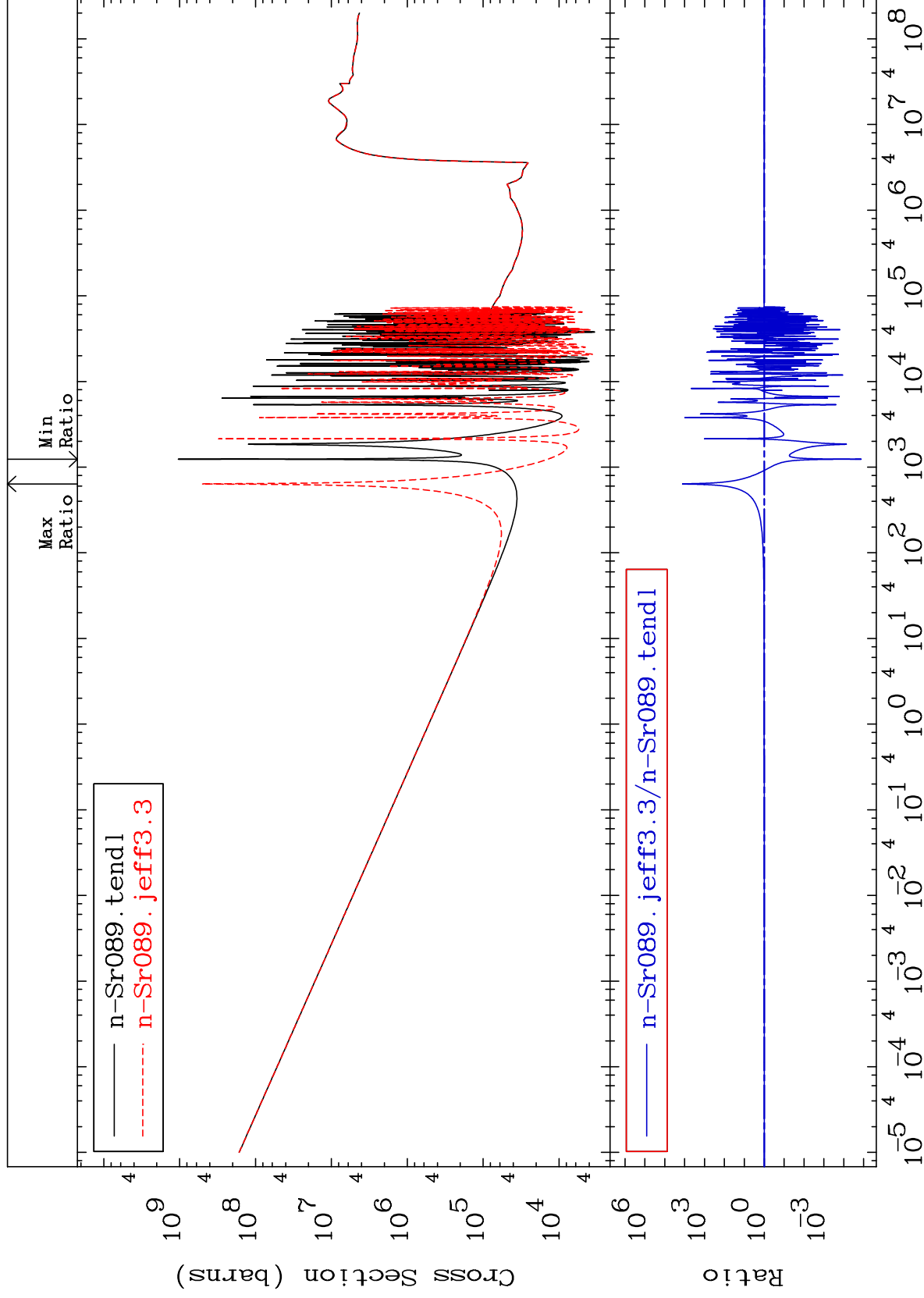


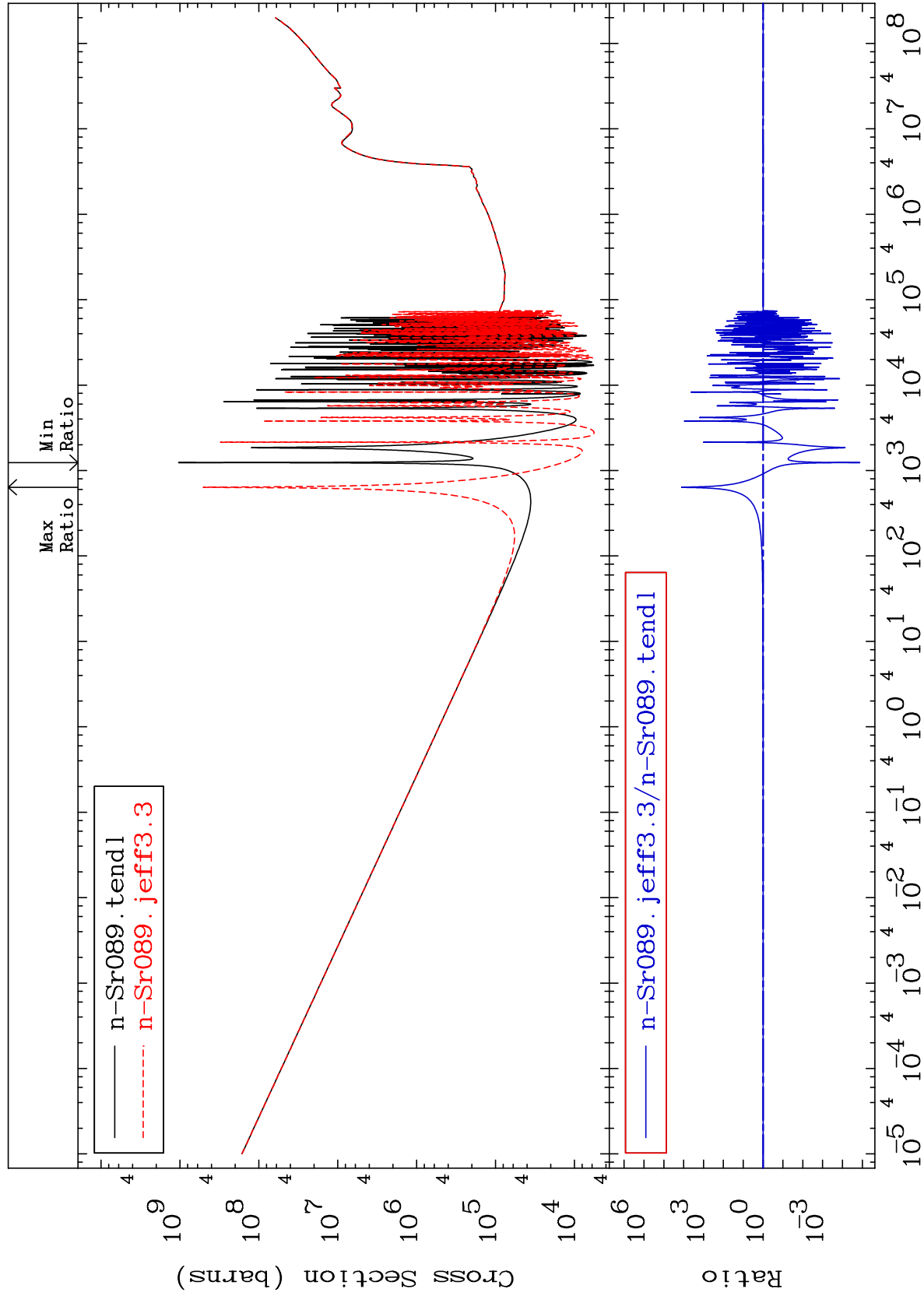
MAT 3840

Kerma capture (mt102)
Cross Section

38-Sr-89
-100.0 To 9999. %







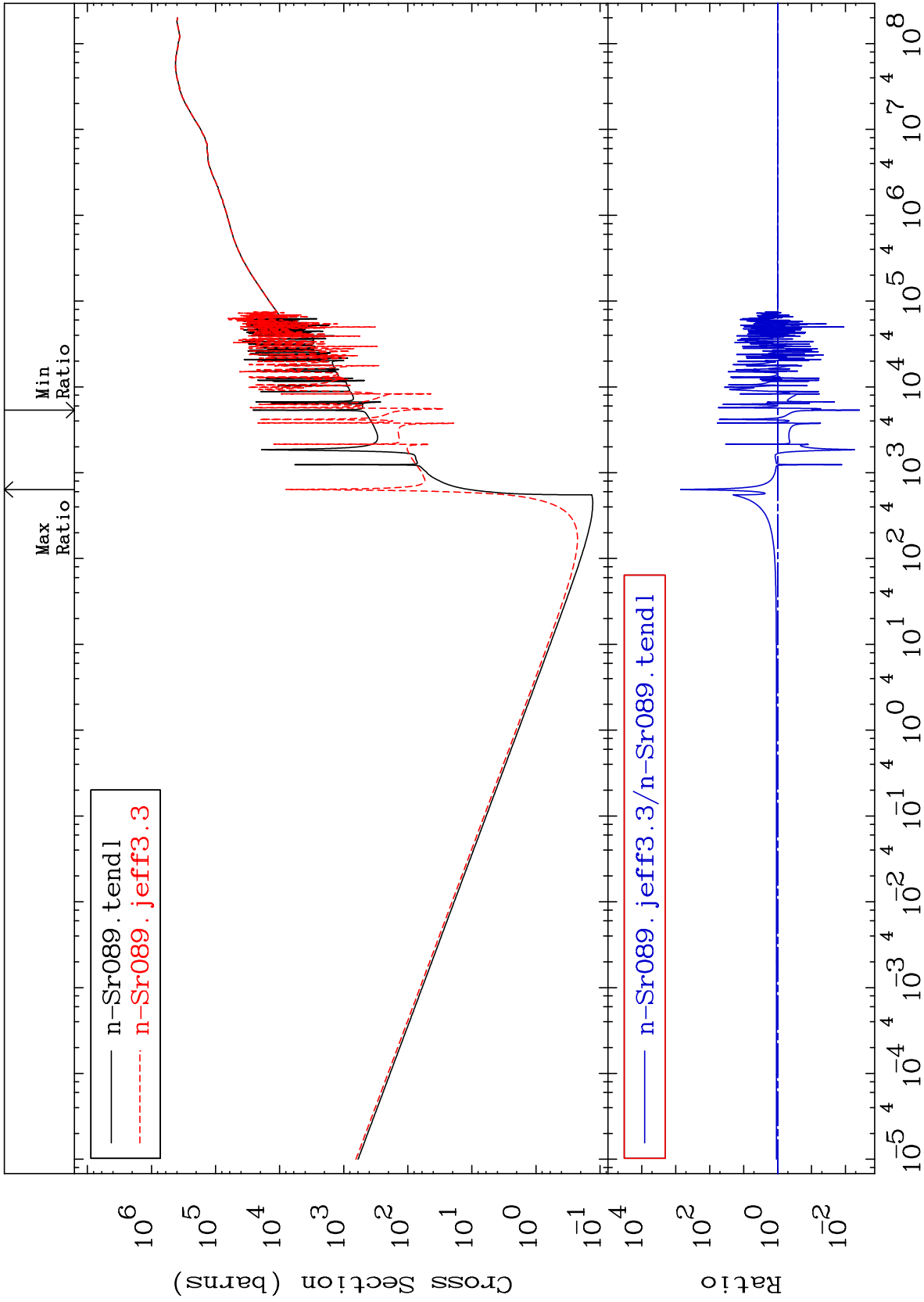
MAT 3840

Dpa total (eV-barns)

38-Sr-89

Cross Section

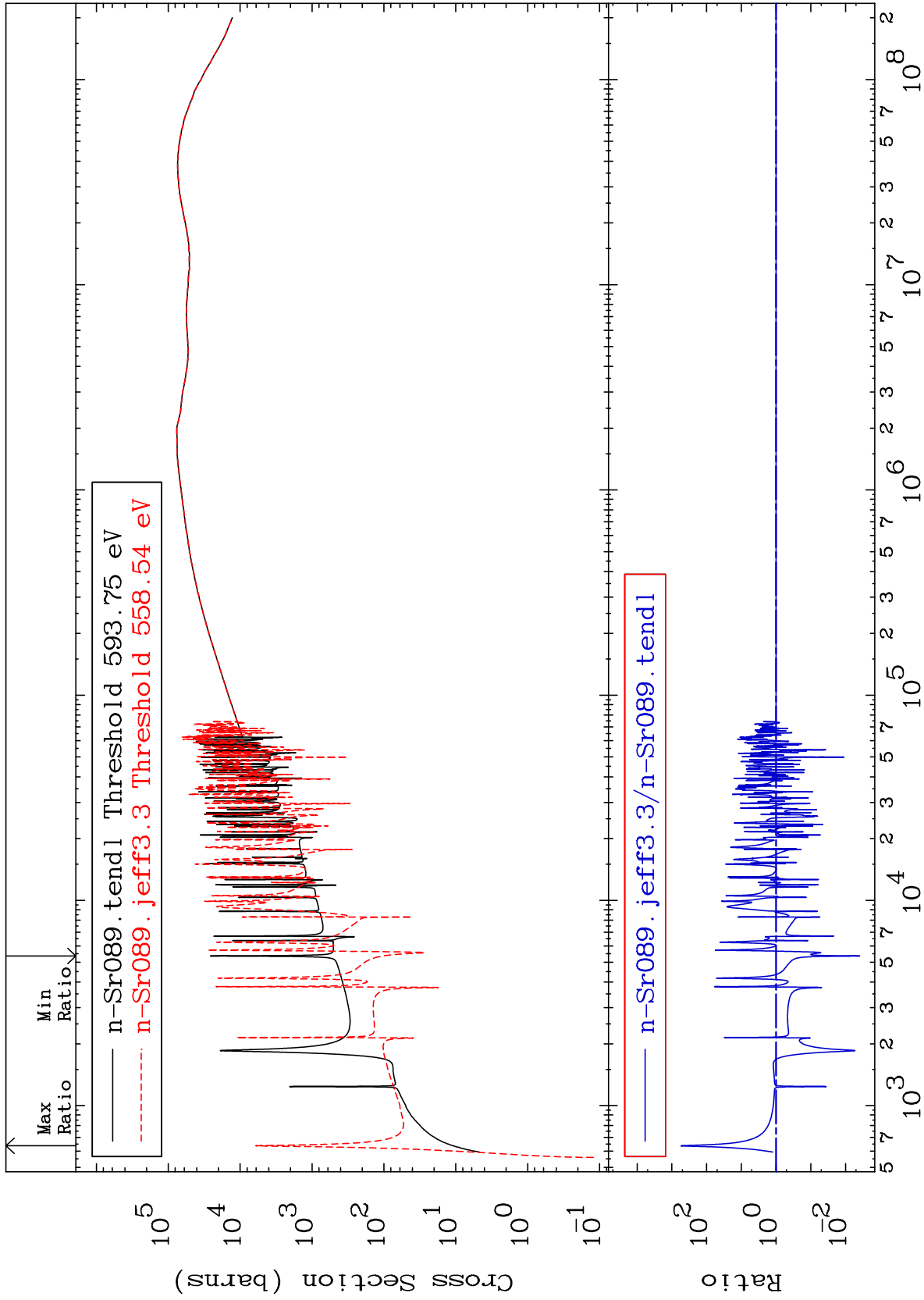
-99.61 To 9999. %



73

Incident Energy (eV)

38-Sr-89



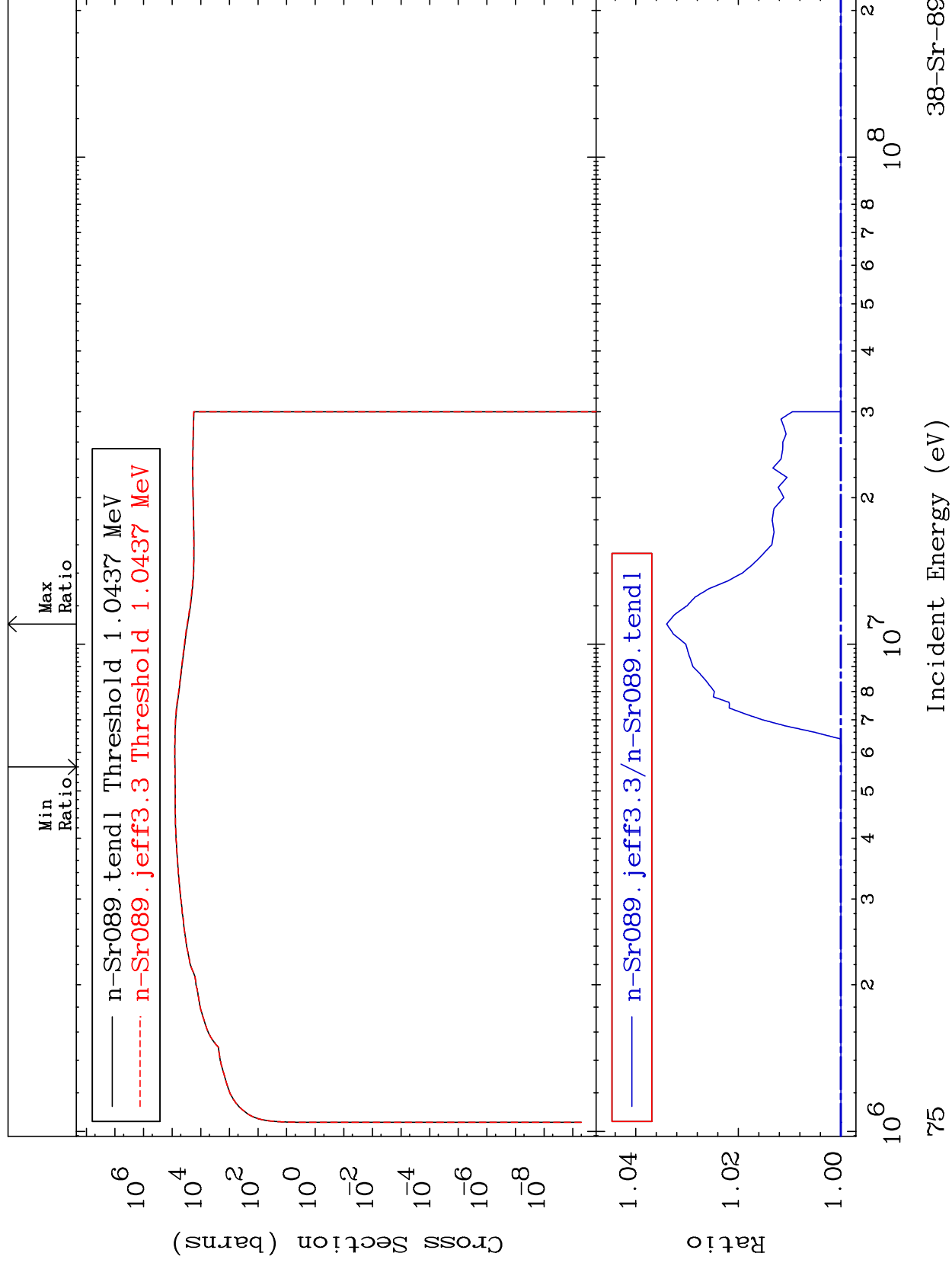
MAT 3840

Dpa inelastic (mt51-91)

38-Sr-89

Cross Section

-0.006 To 3.396 %



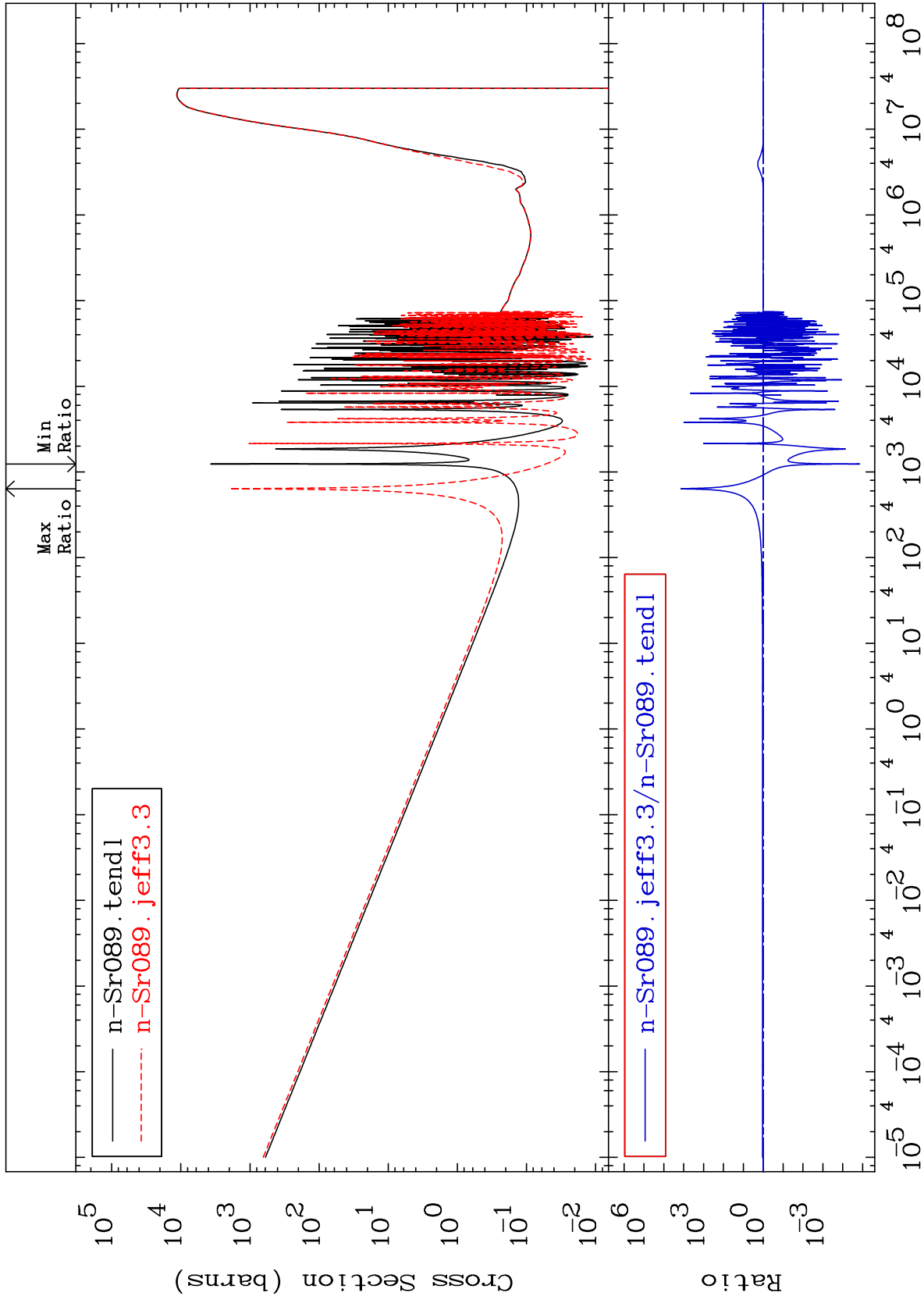
MAT 3840

Dpa disappearance (mt102 -120)

38-Sr-89

Cross Section

-100.0 To 9999. %



76

Incident Energy (eV)

38-Sr-89

MAT 3840

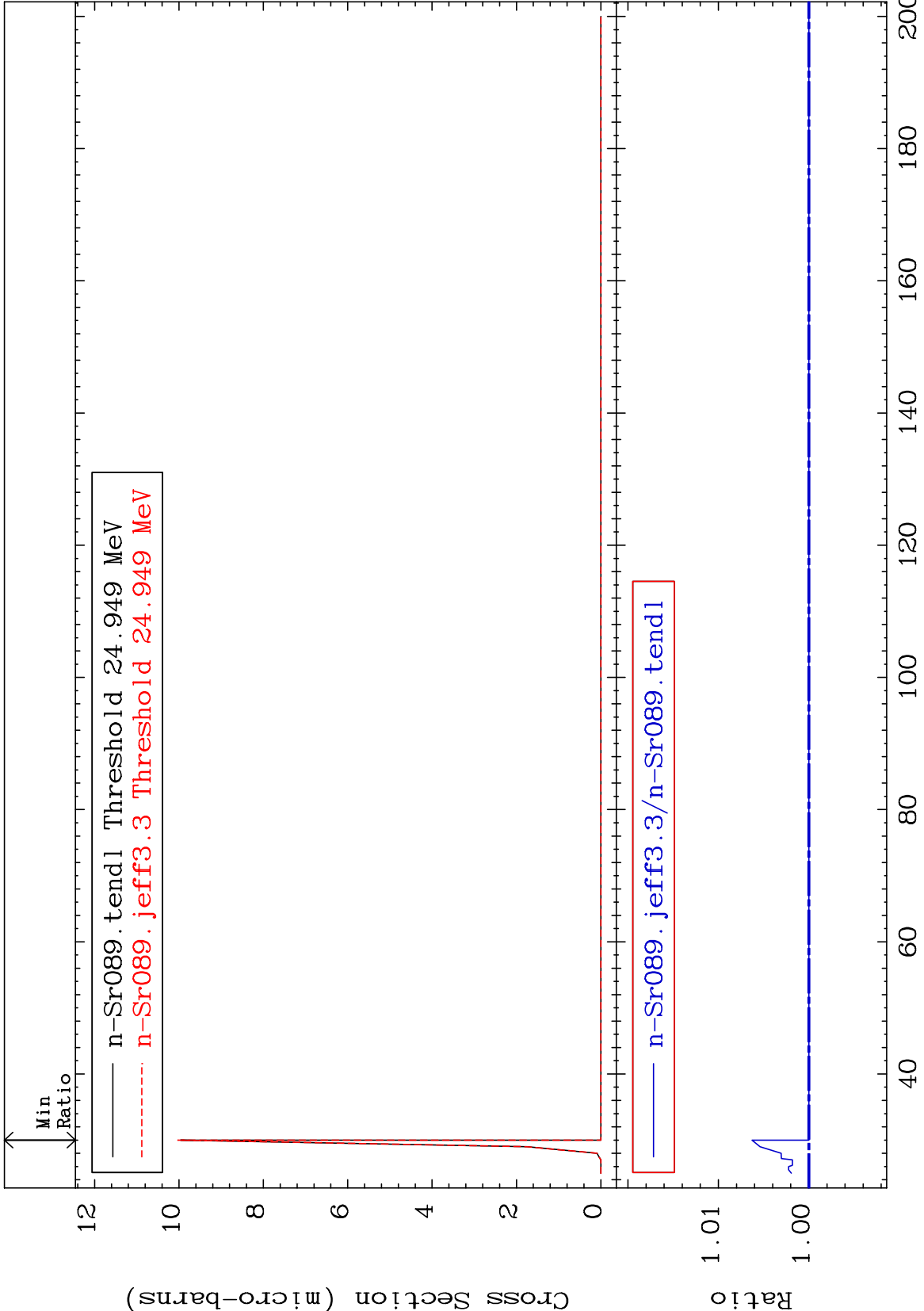
(n,2n) d:37-Rb-86g

38-Sr-89

Radionuclide Production Cross Section

0.000

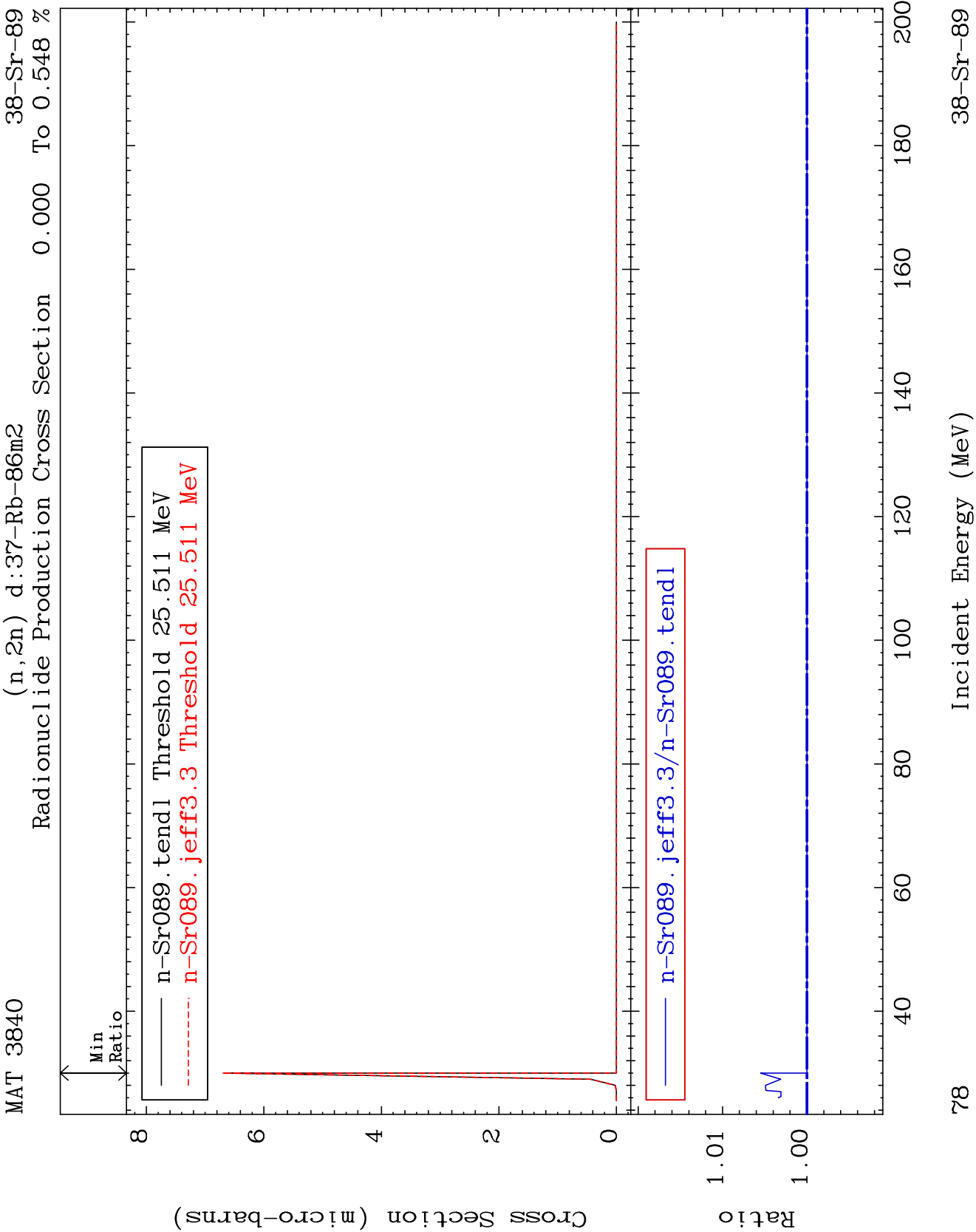
To 0.628 %



77

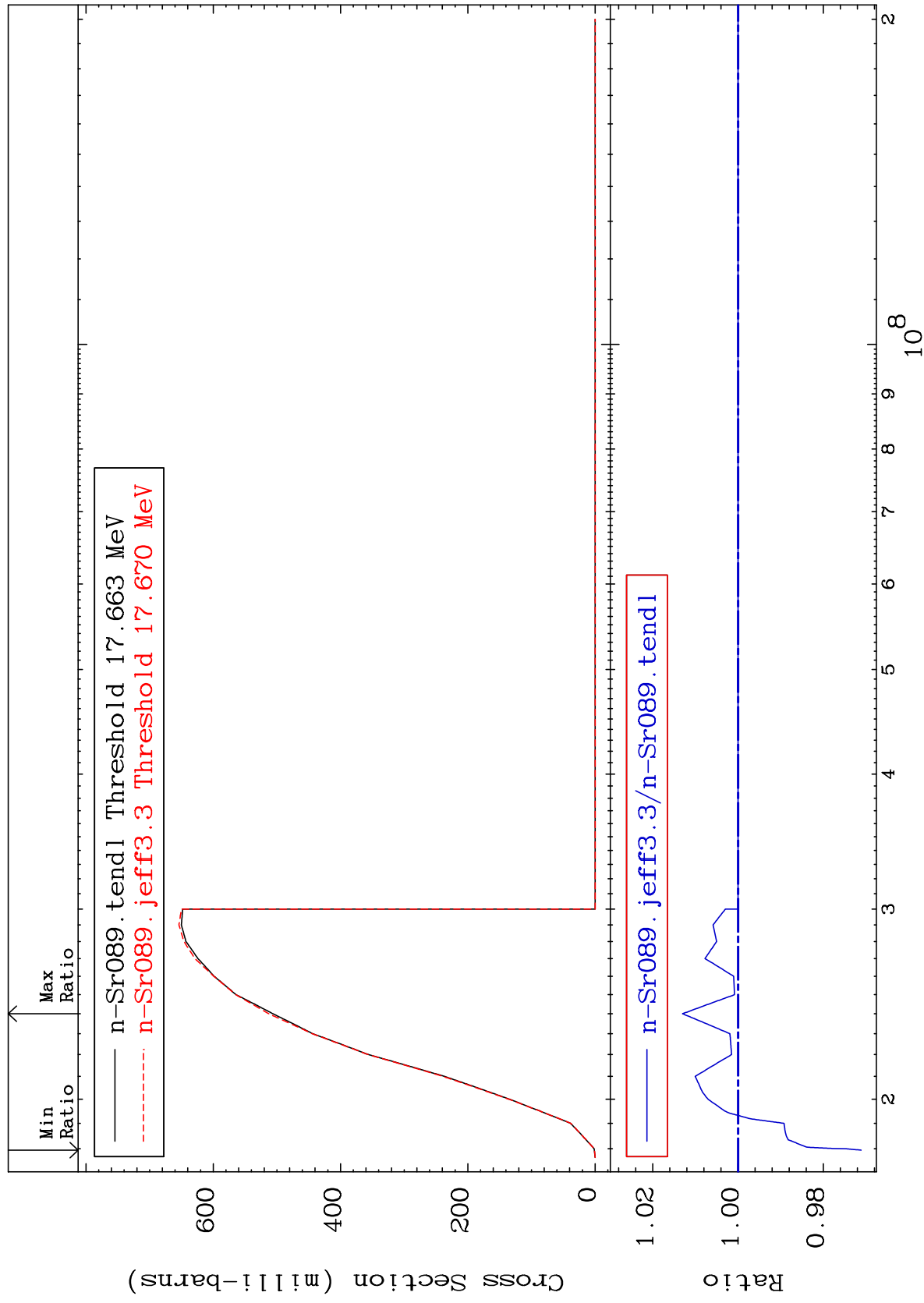
Incident Energy (MeV)

38-Sr-89



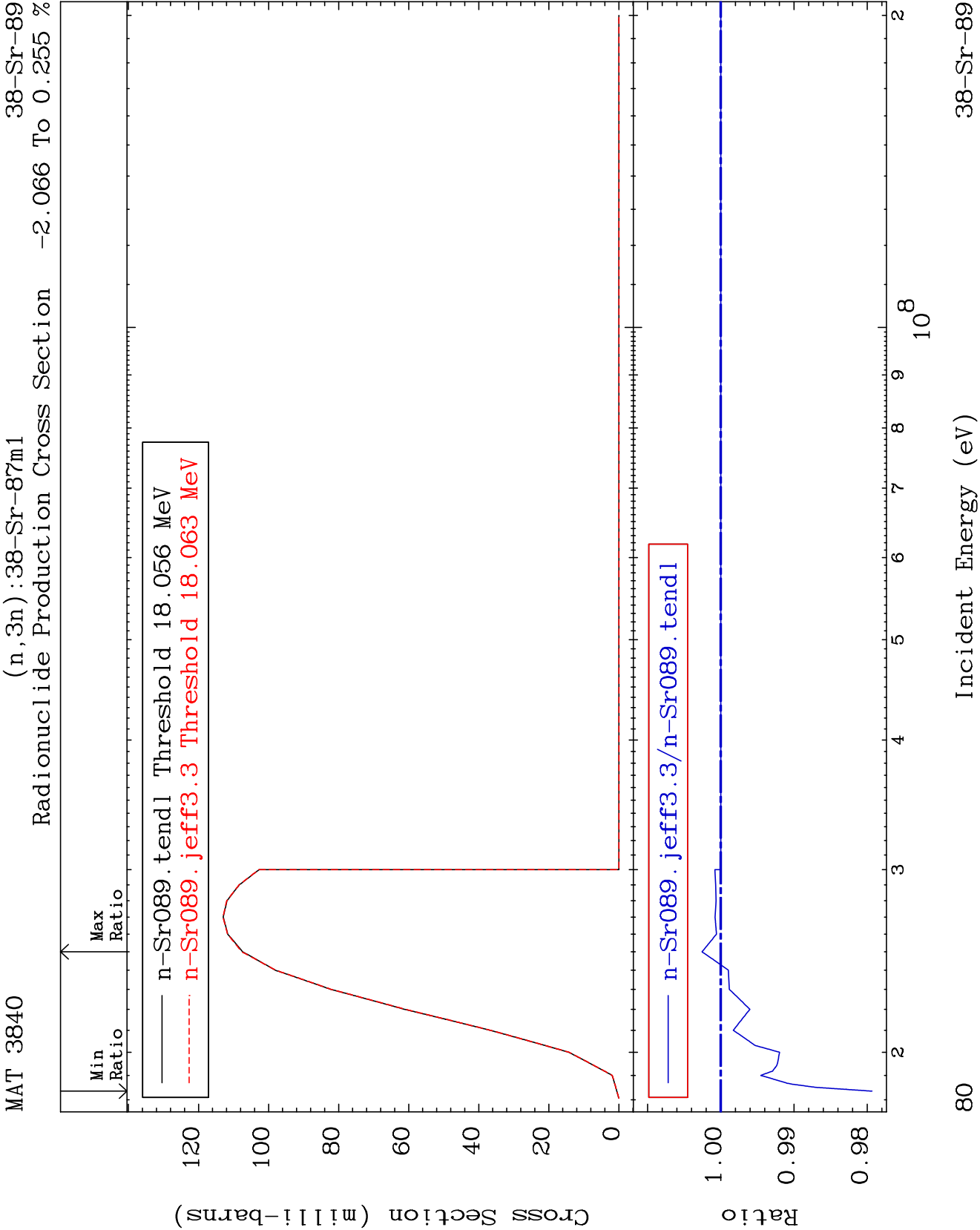
$(n, 3n) : 38\text{-Sr-}87g$

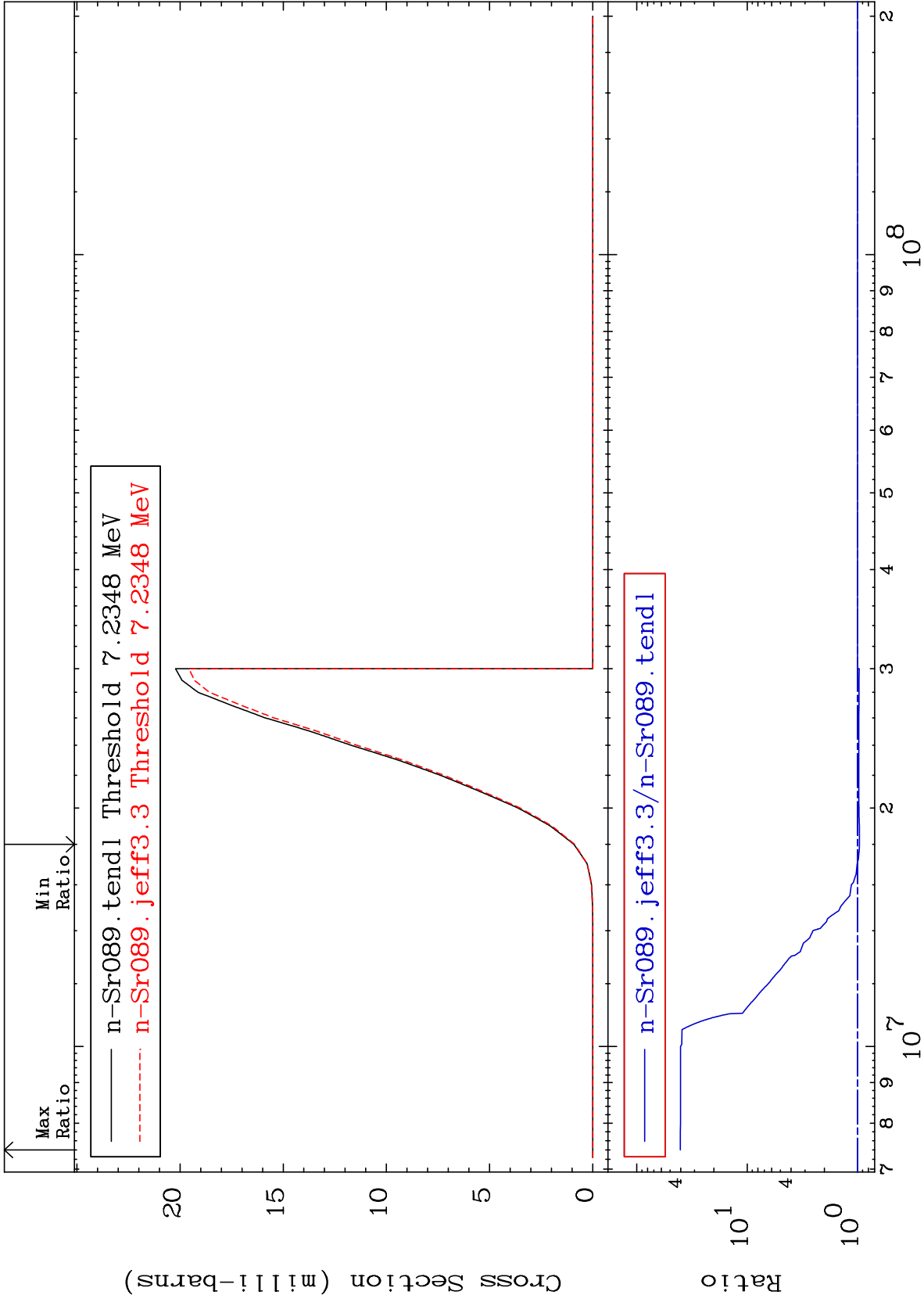
-2.886 To 1.304 %



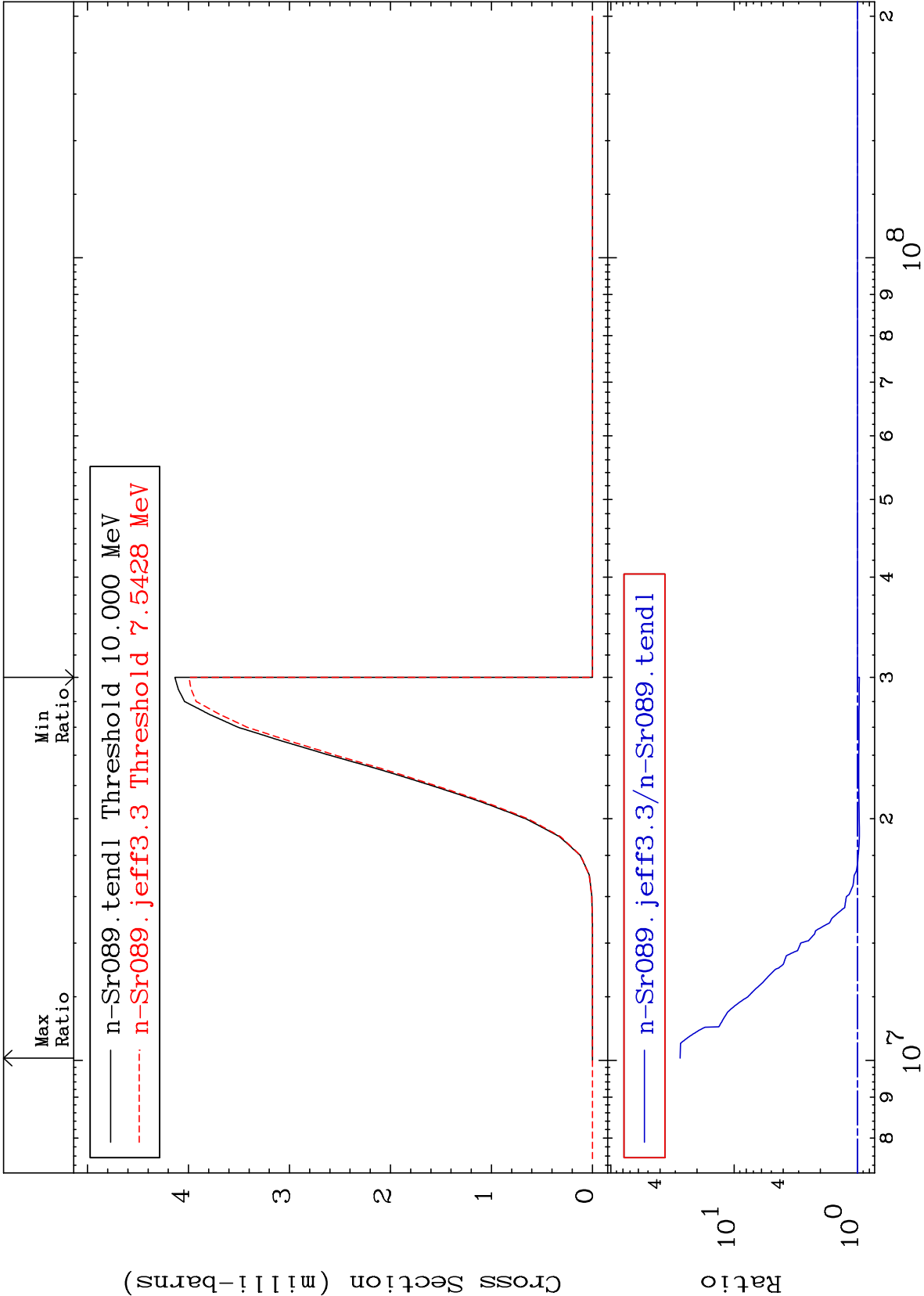
38-Sr-89

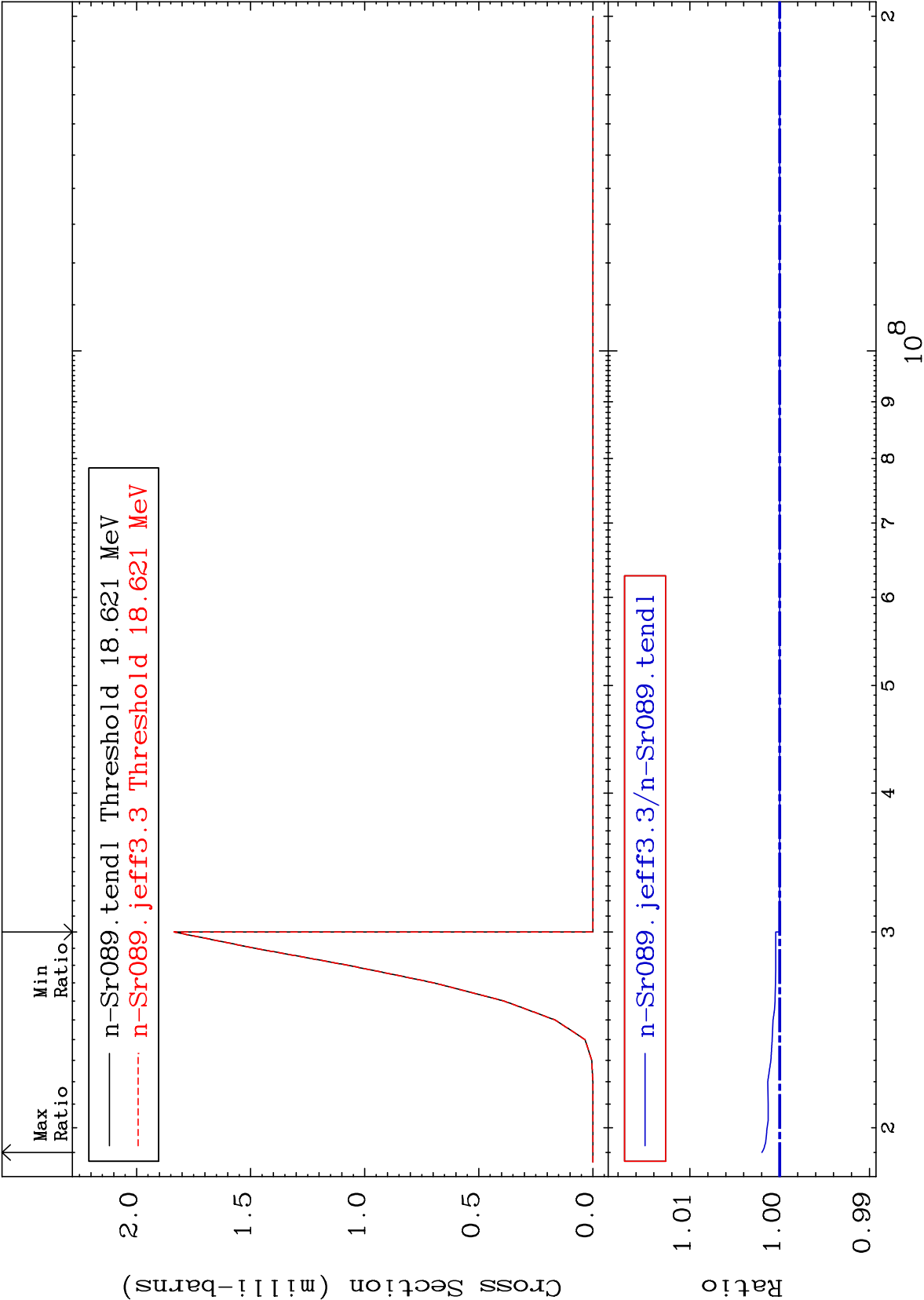
Incident Energy (eV)

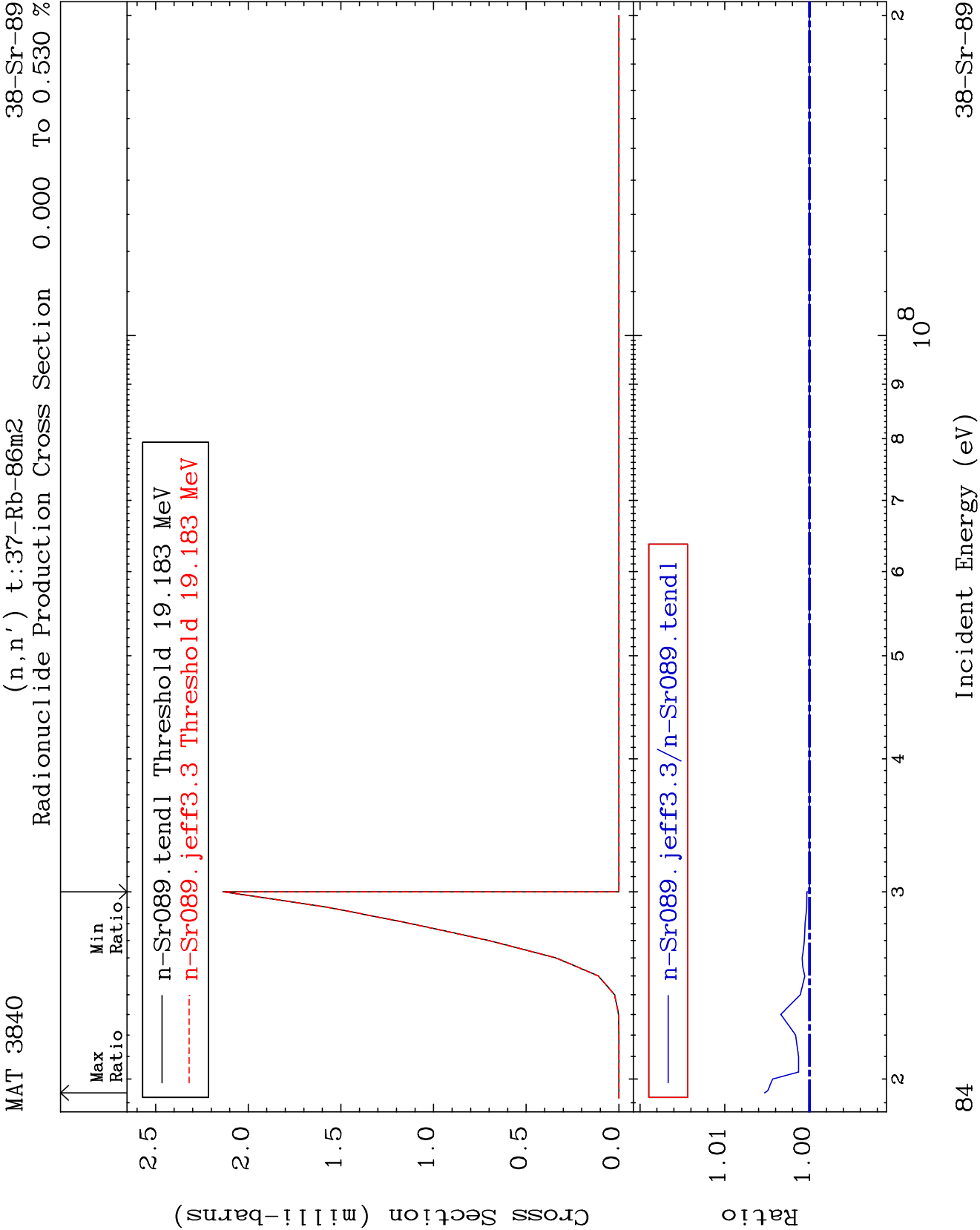




Radionuclide Production Cross Section -3.373 To 2645. %







MAT 3840

(n,3n) p:37-Rb-86g

38-Sr-89

Radionuclide Production Cross Section

0.000

To 0.764 %

