

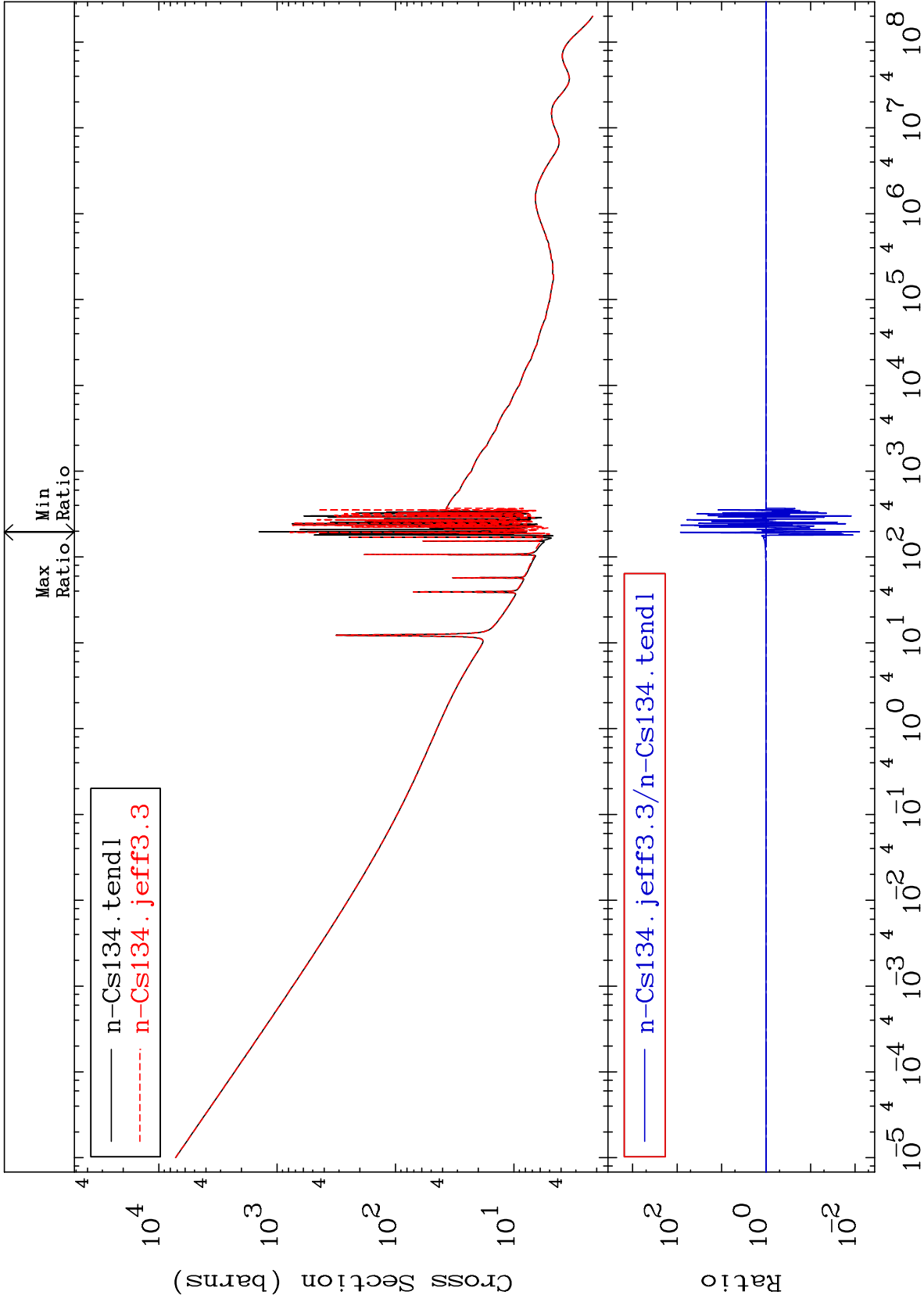
MAT 5528

Total

55-Cs-134

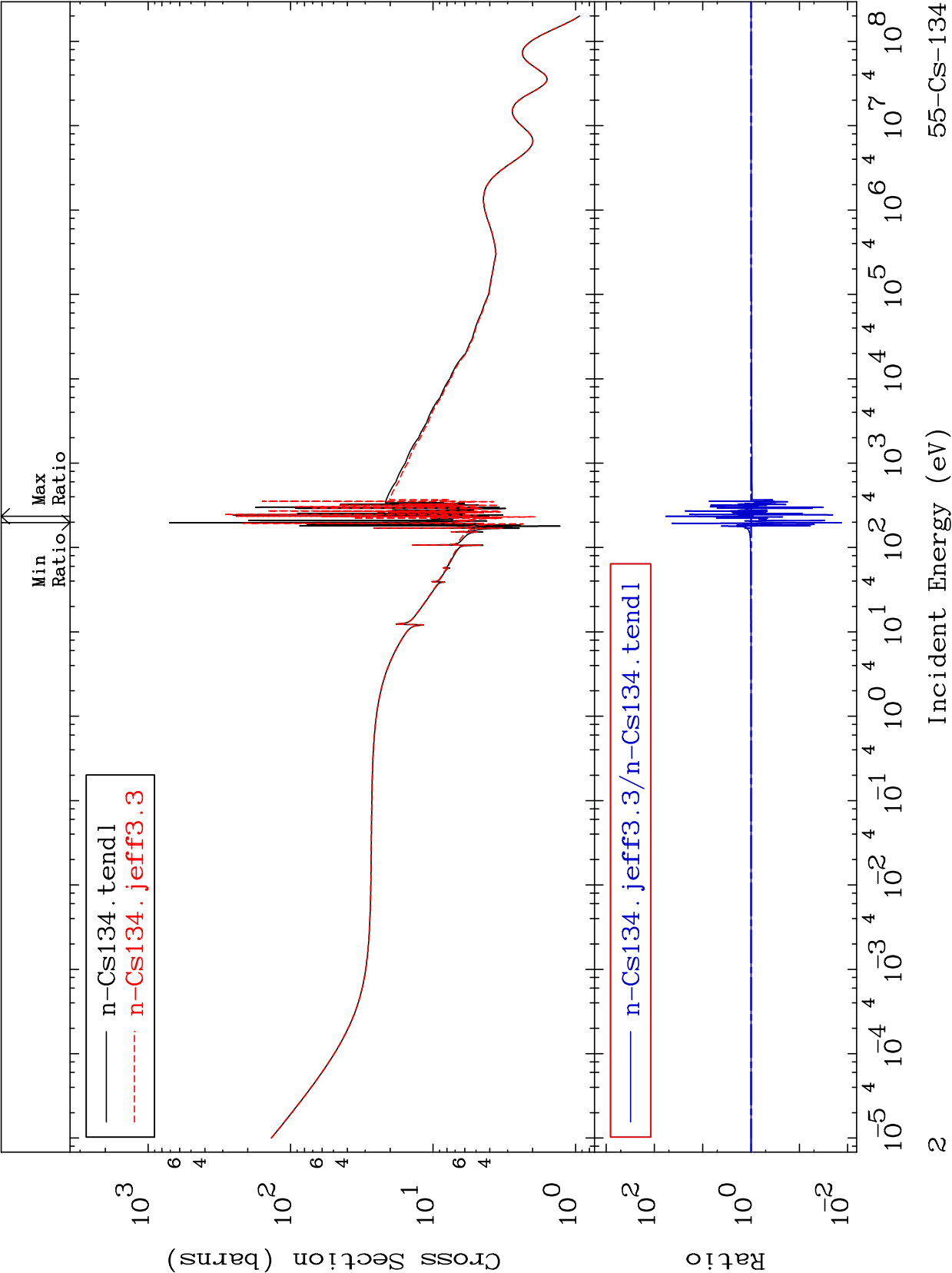
Cross Section

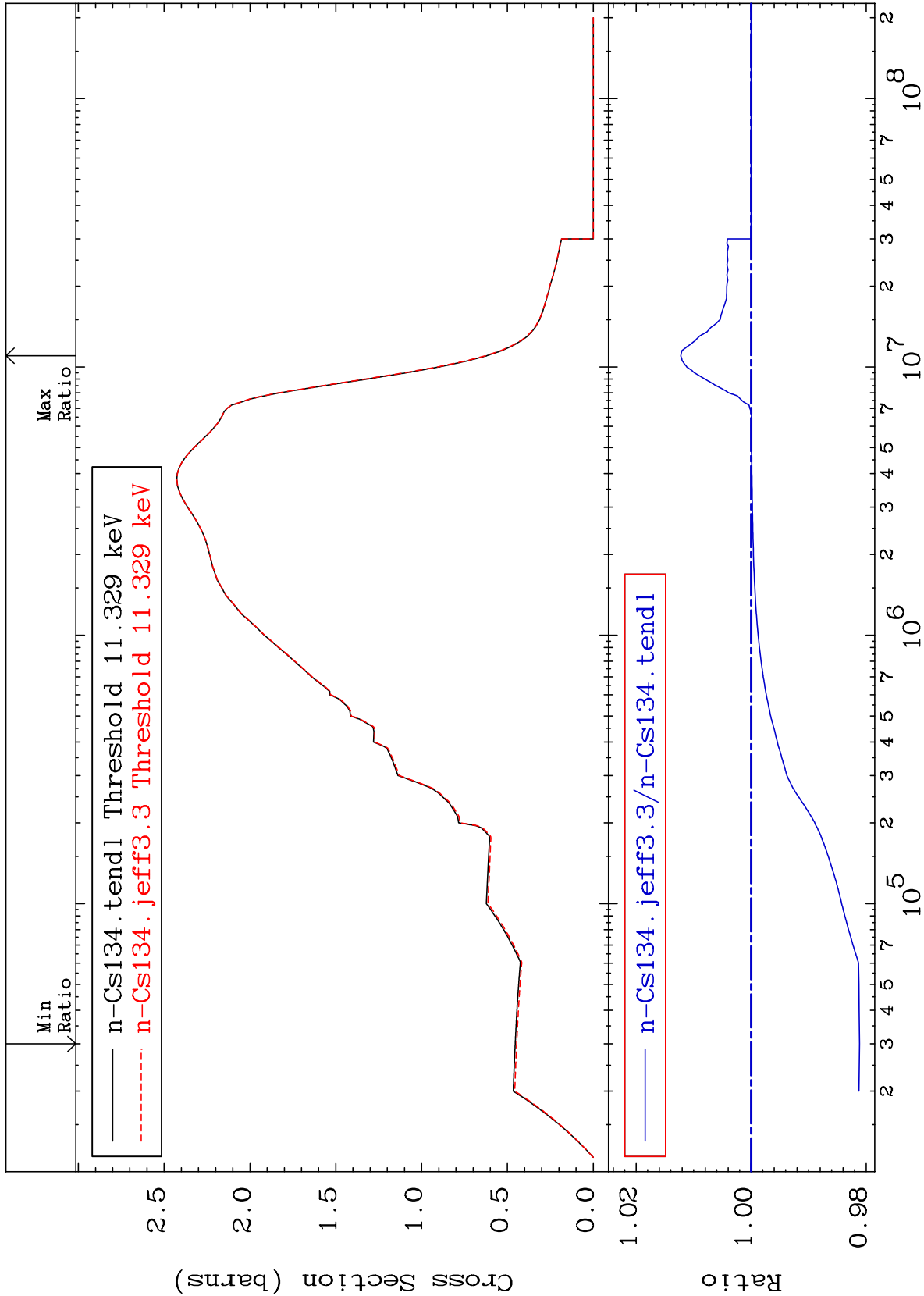
-99.20 To 8360. %

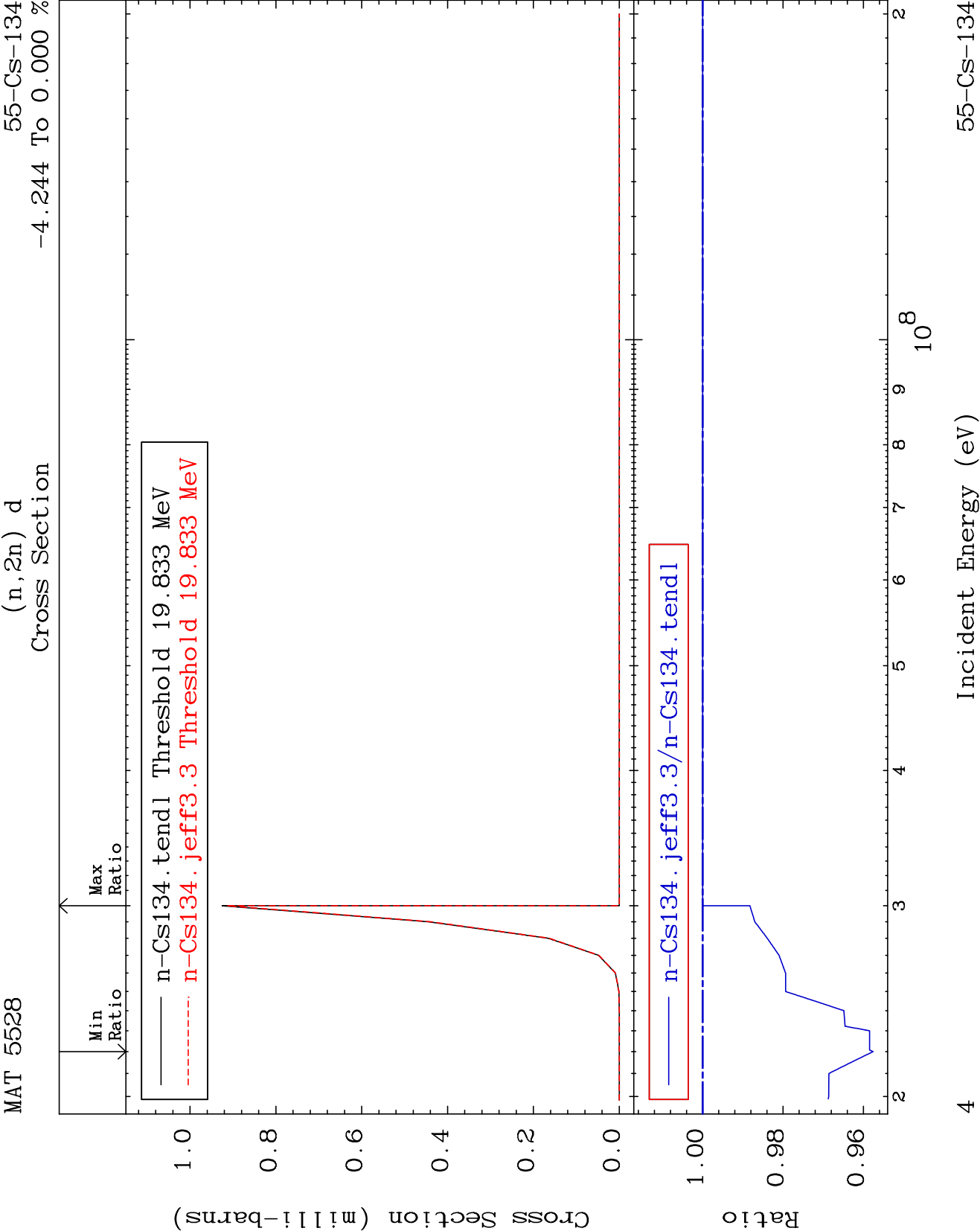


Incident Energy (eV)

55-Cs-134







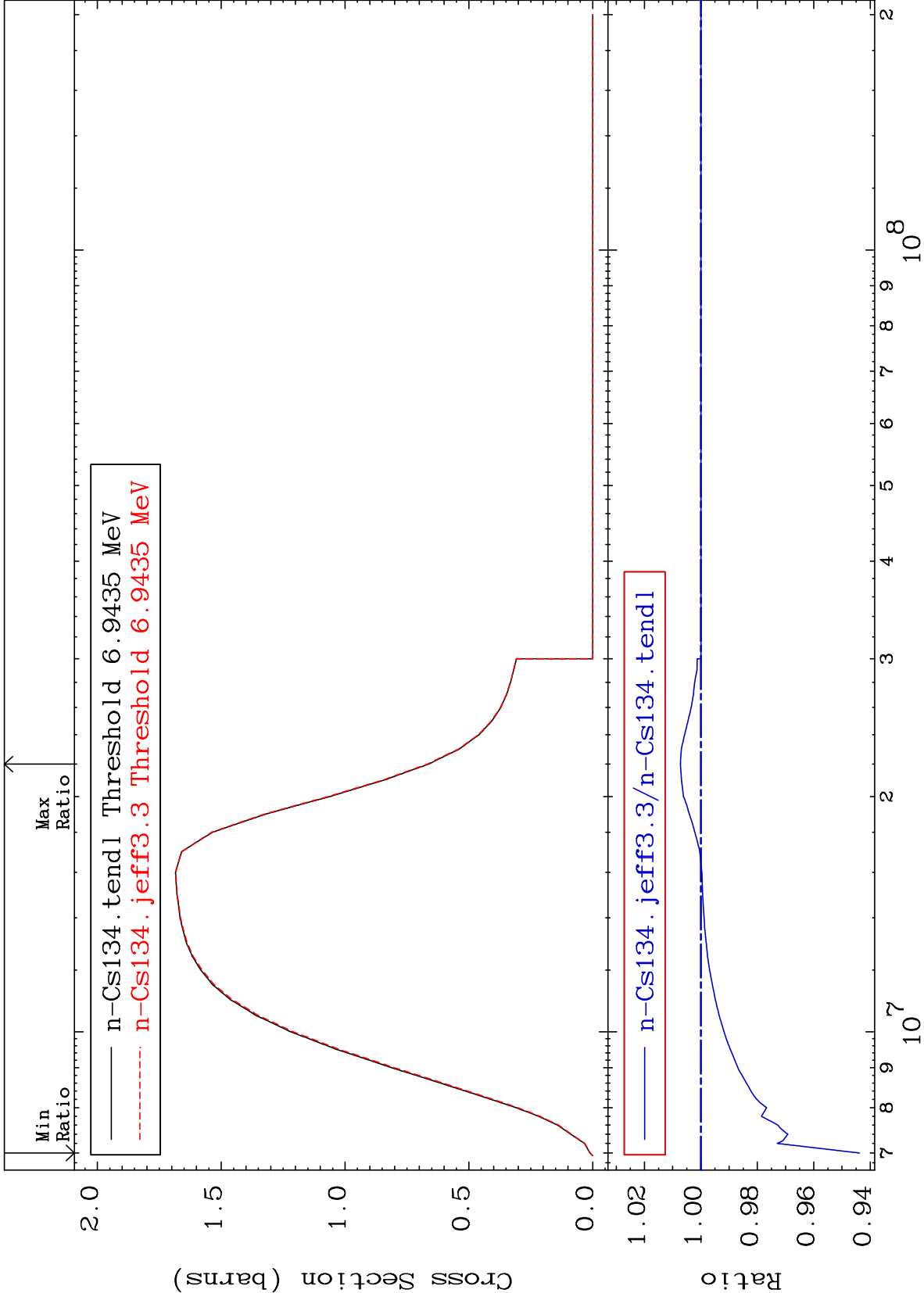
MAT 5528

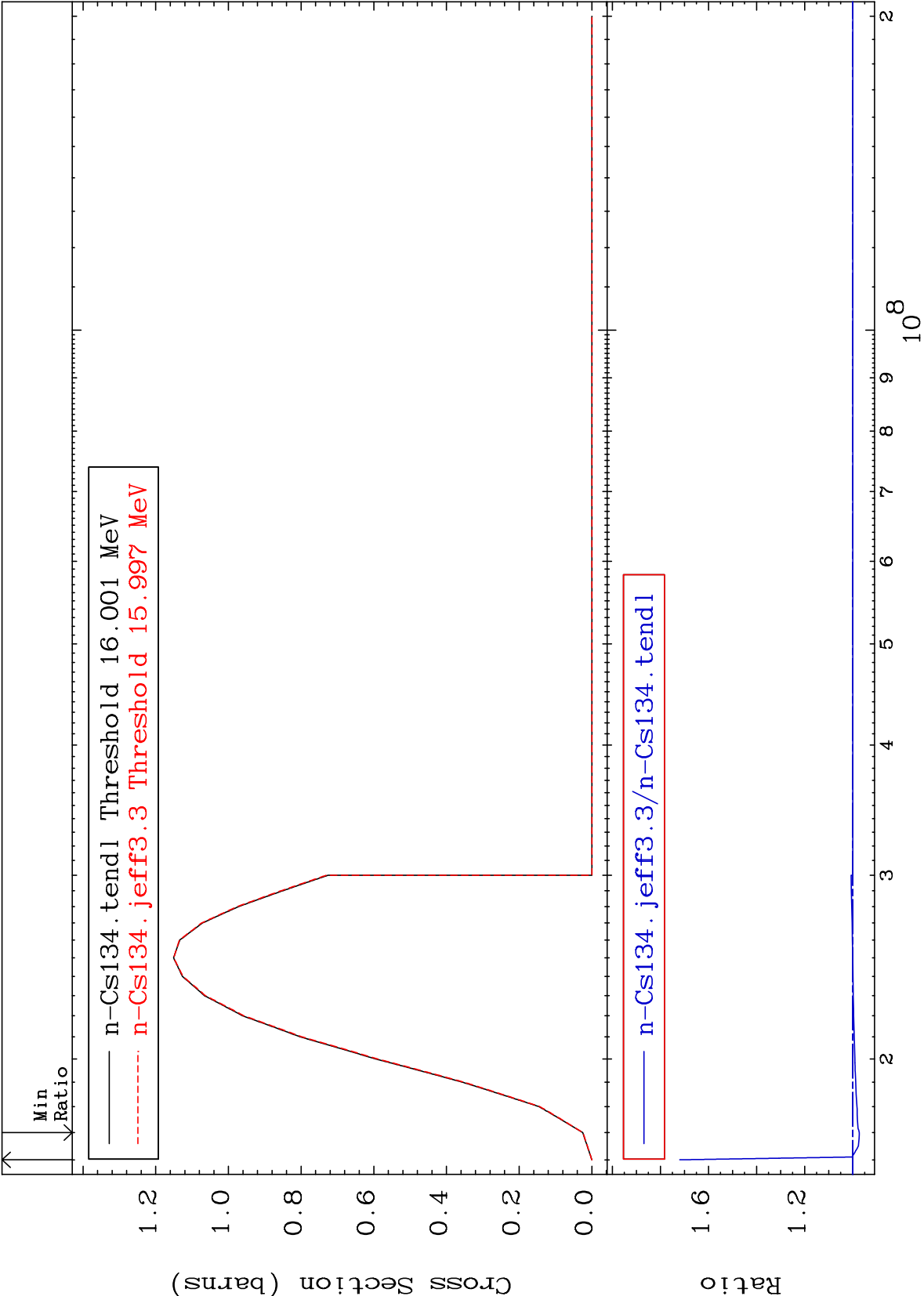
(n,2n)

55-Cs-134

Cross Section

-5.618 To 0.728 %





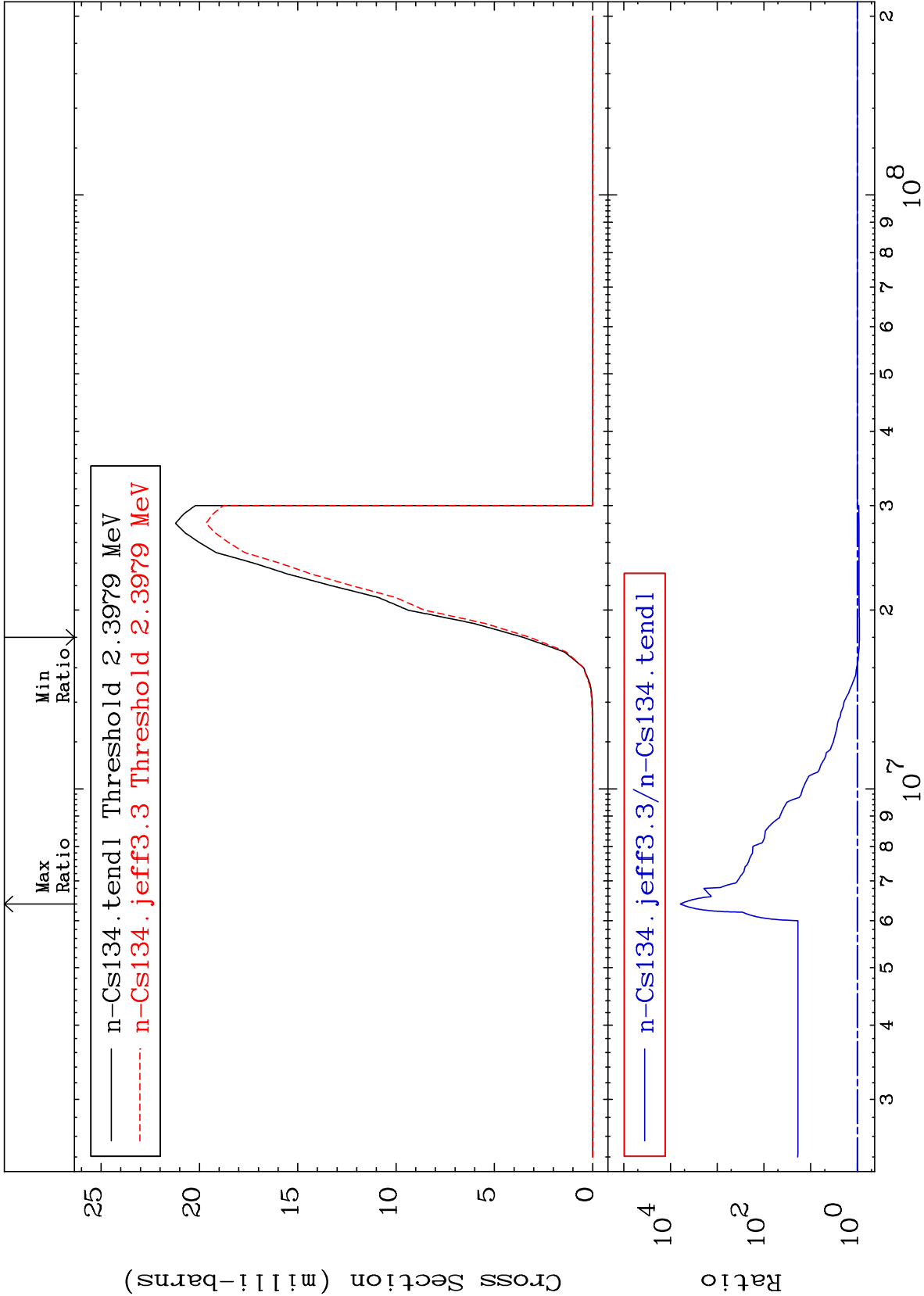
MAT 5528

55-Cs-134

(n,n') α

-9.556 To 9999. %

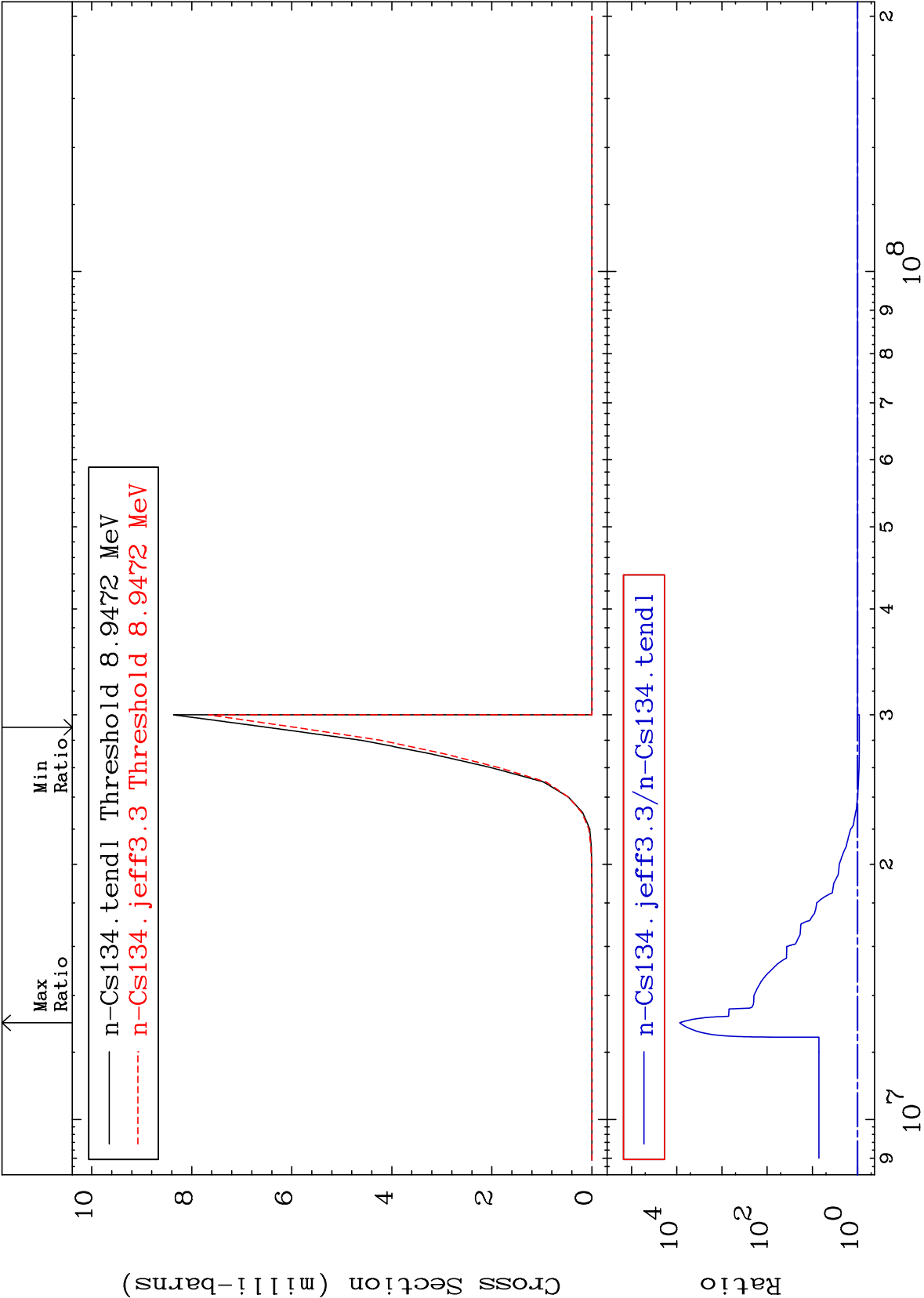
Cross Section

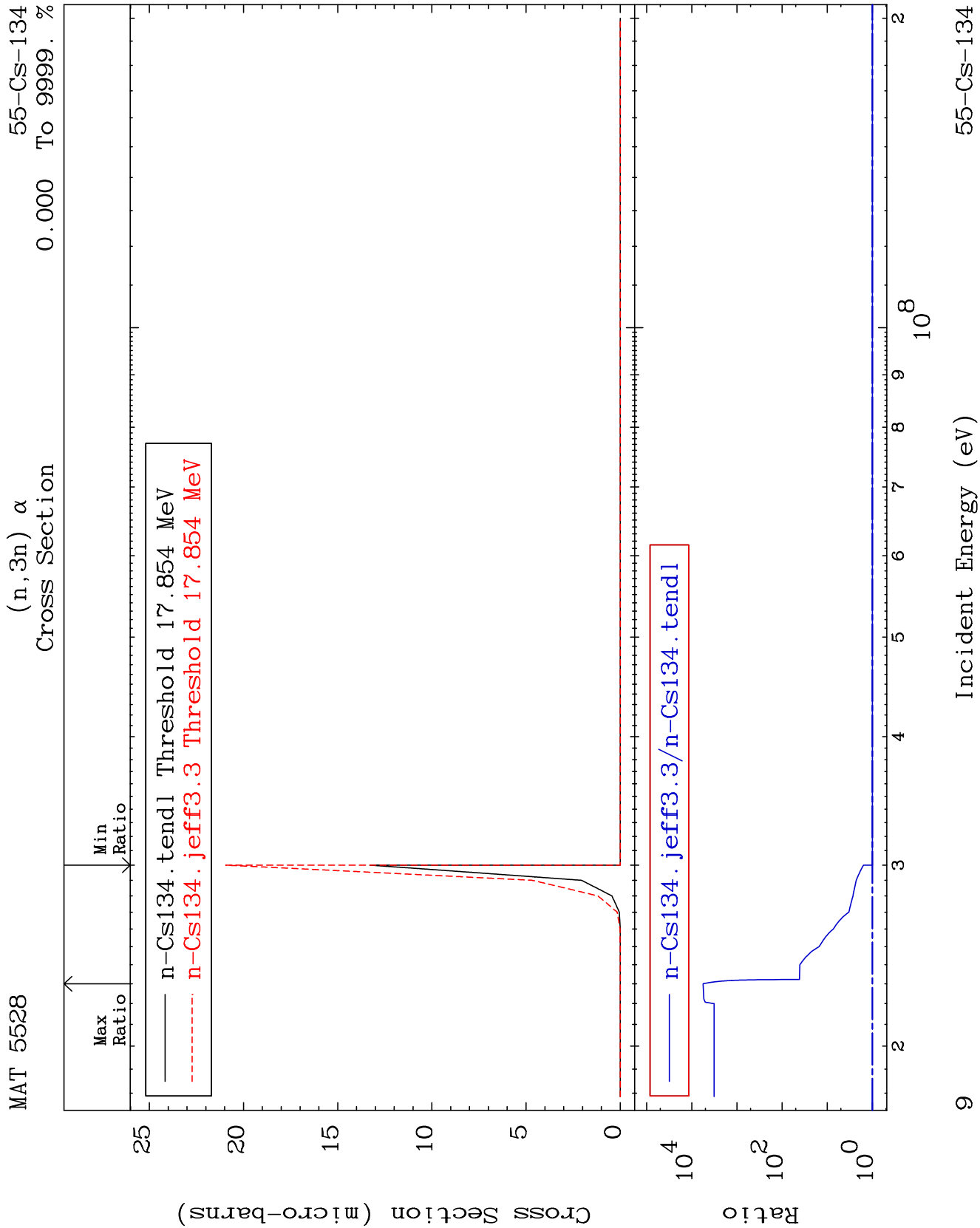


MAT 5528

(n,2n) α
Cross Section

55-Cs-134
-8.507 To 9999. %





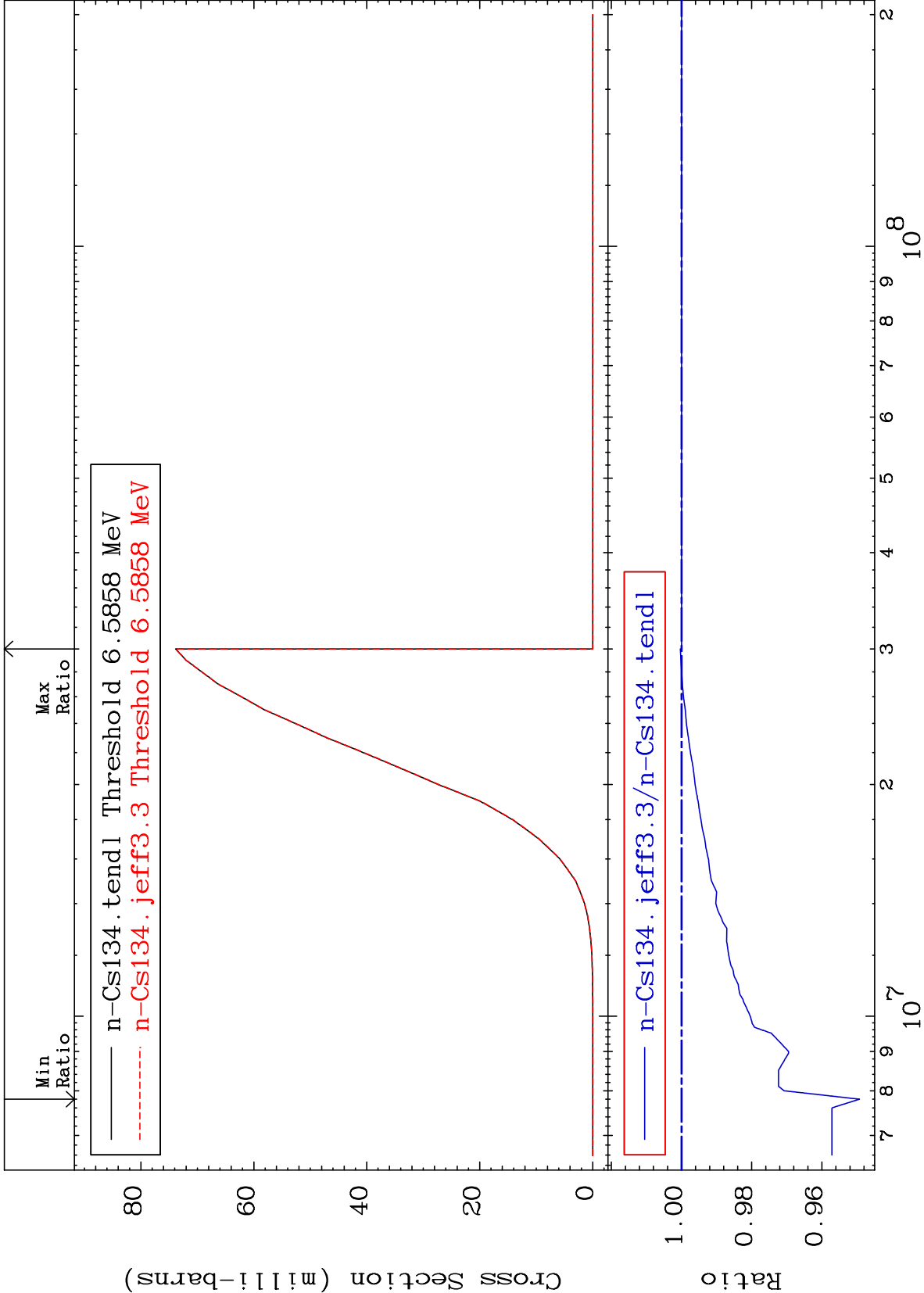
MAT 5528

(n,n') p

55-Cs-134

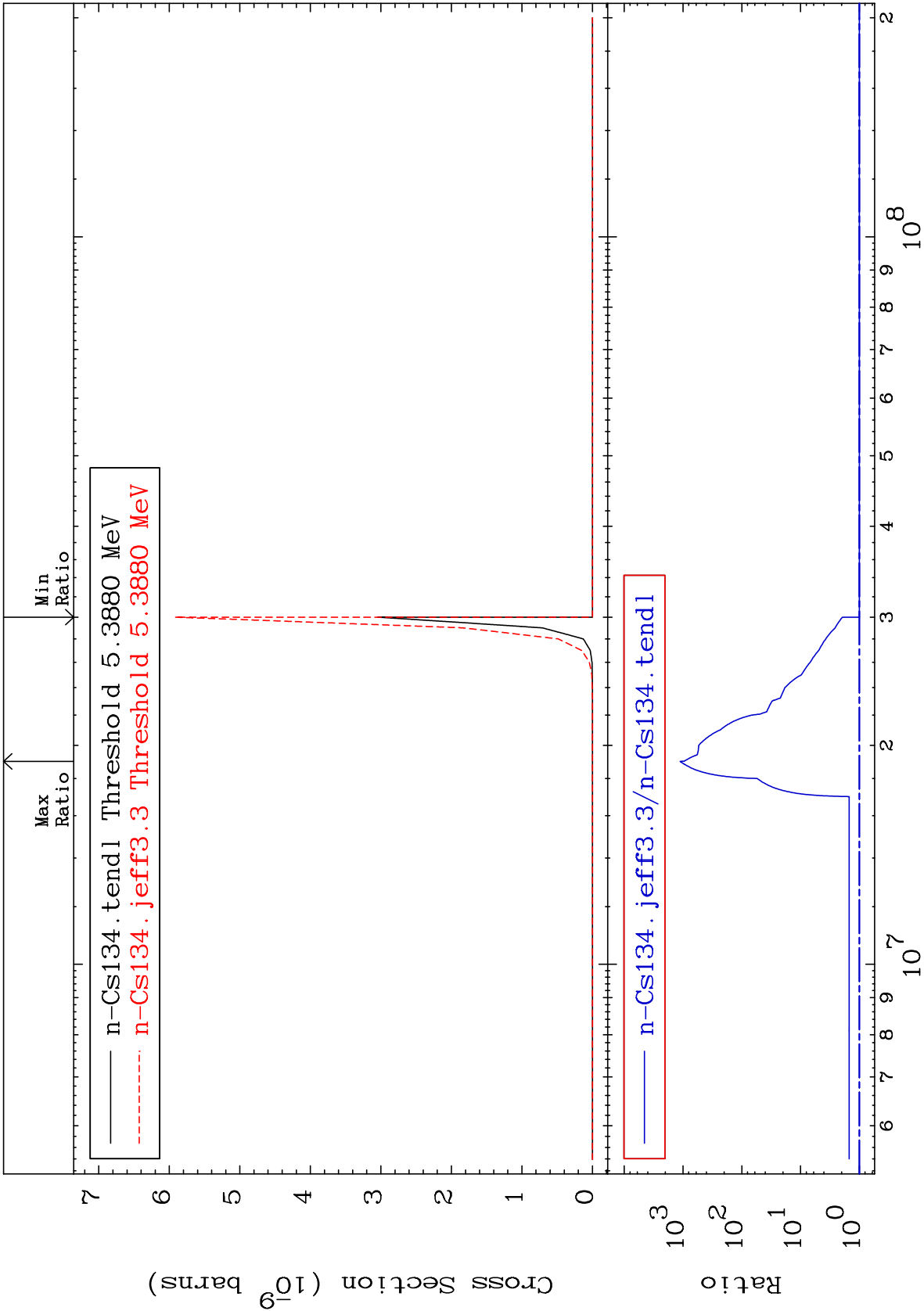
Cross Section

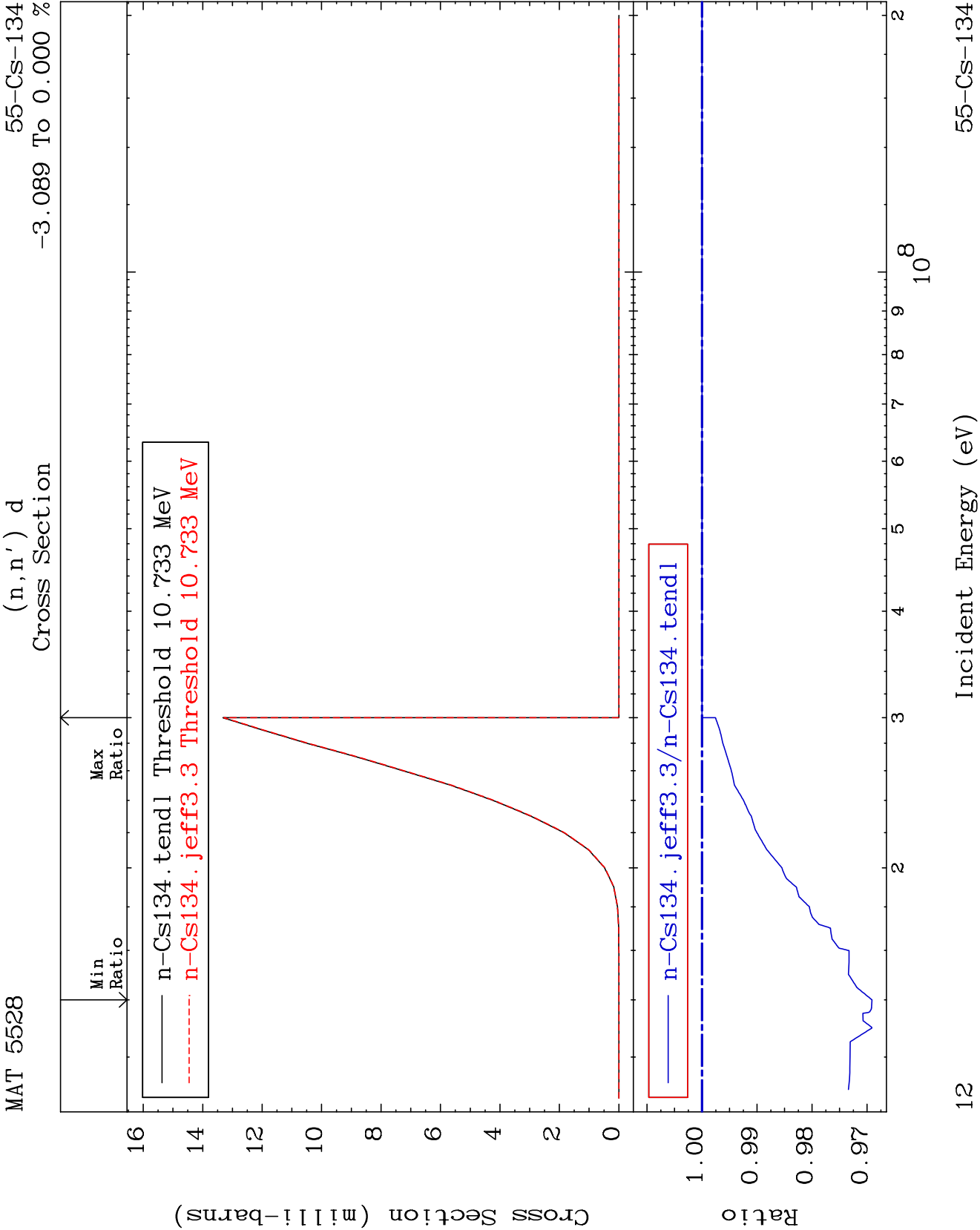
-5.069 To 0.034 %



MAT 5528

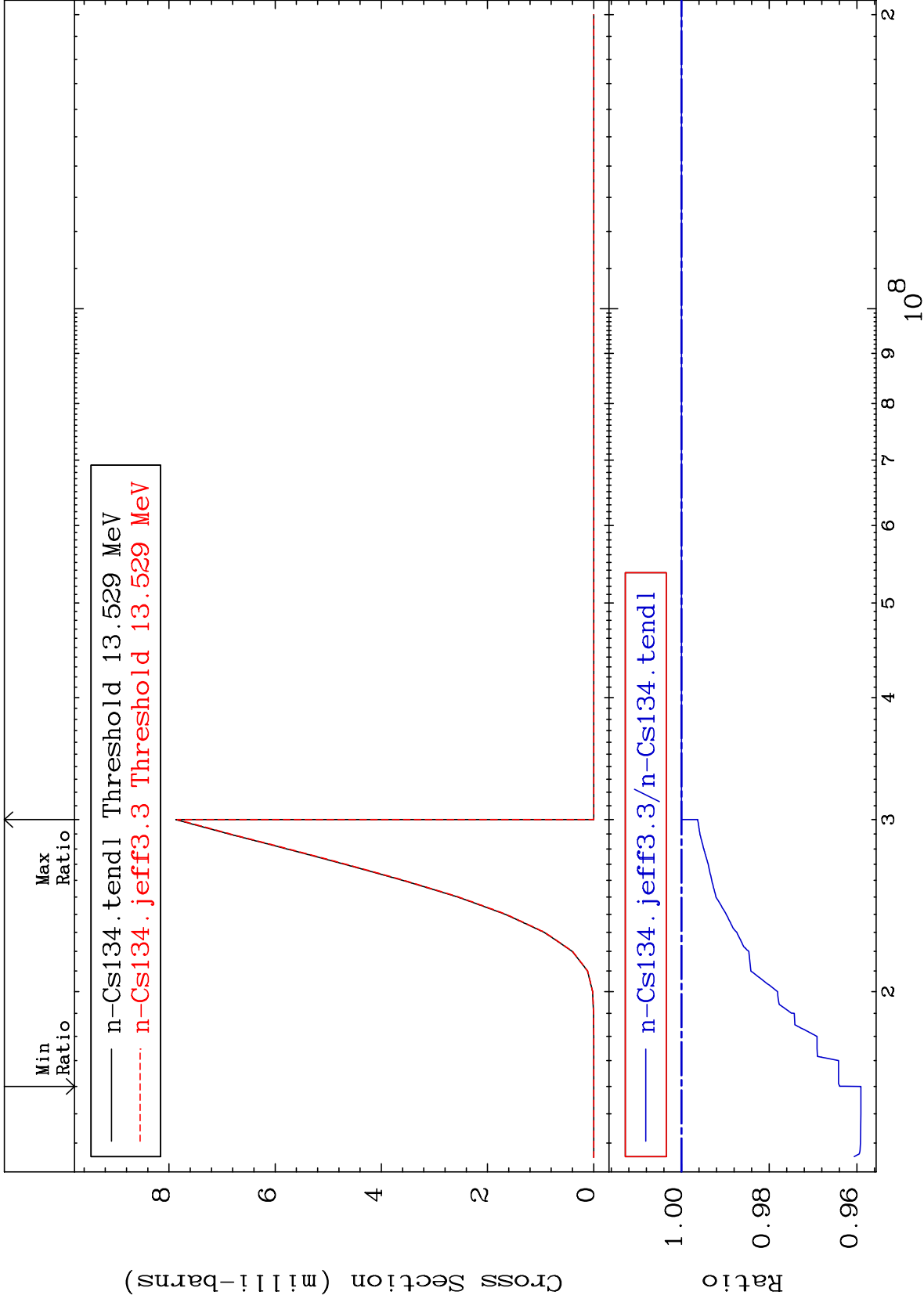
(n,n') 2α
Cross Section
55-Cs-134
To 9999. %

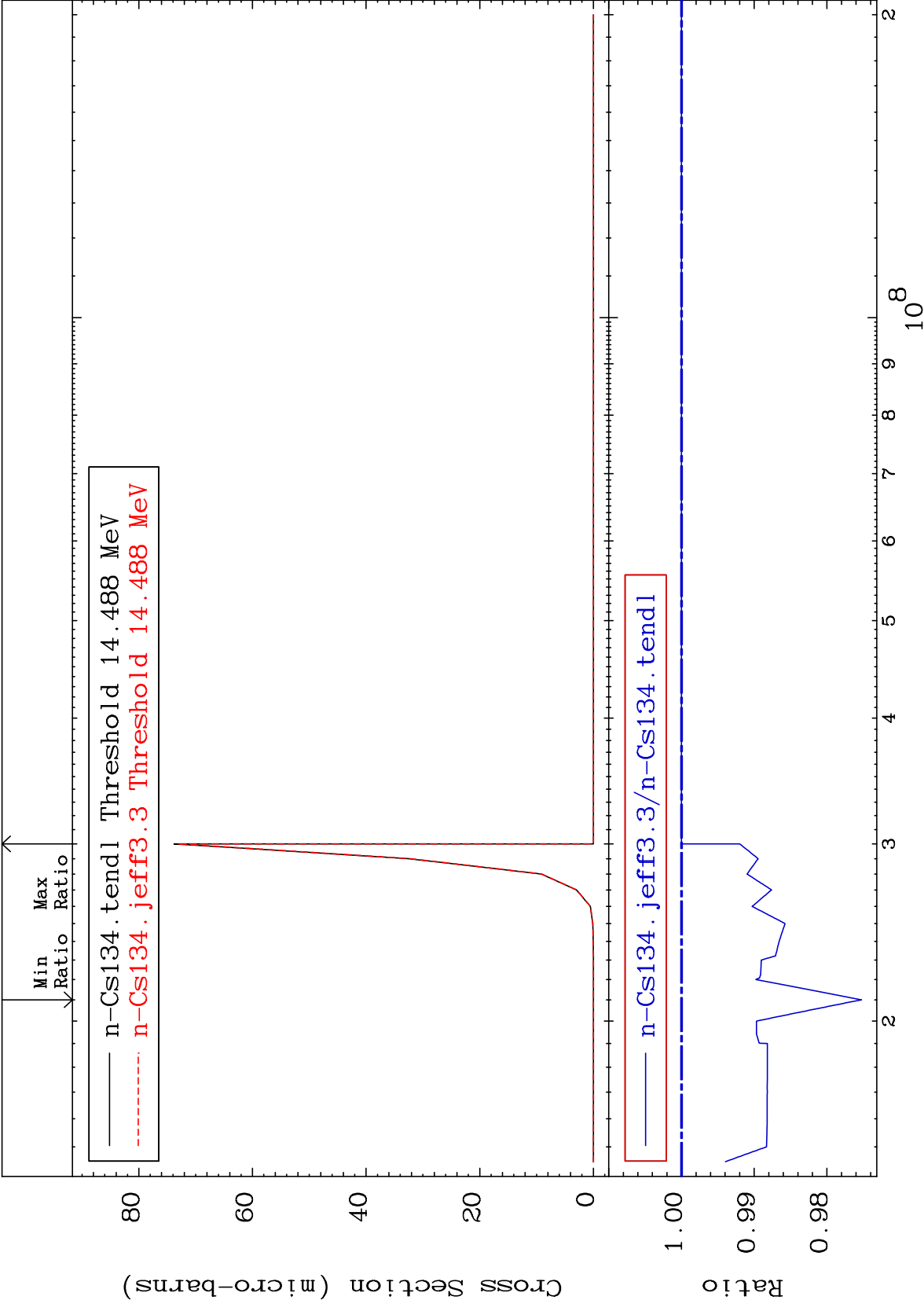


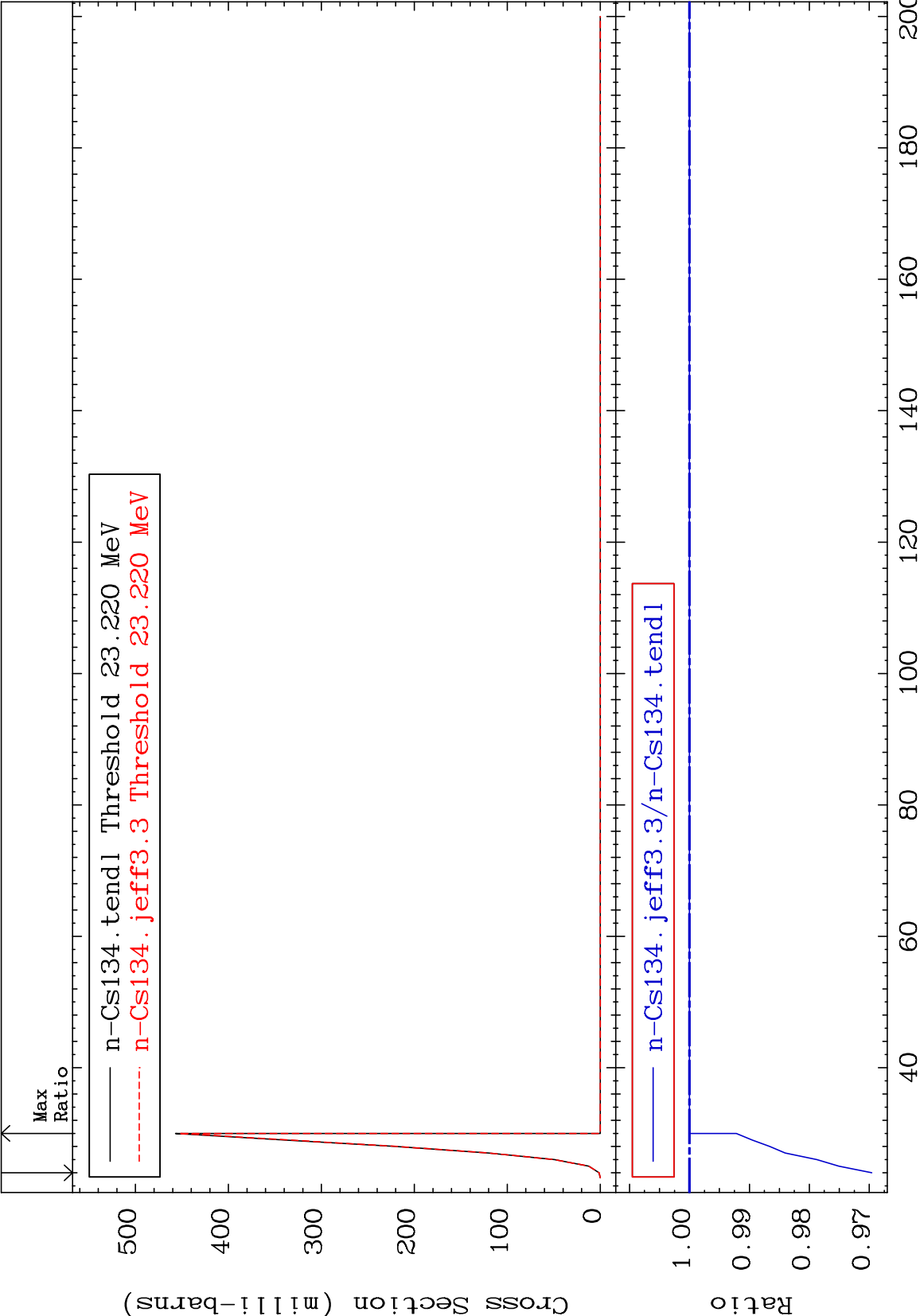


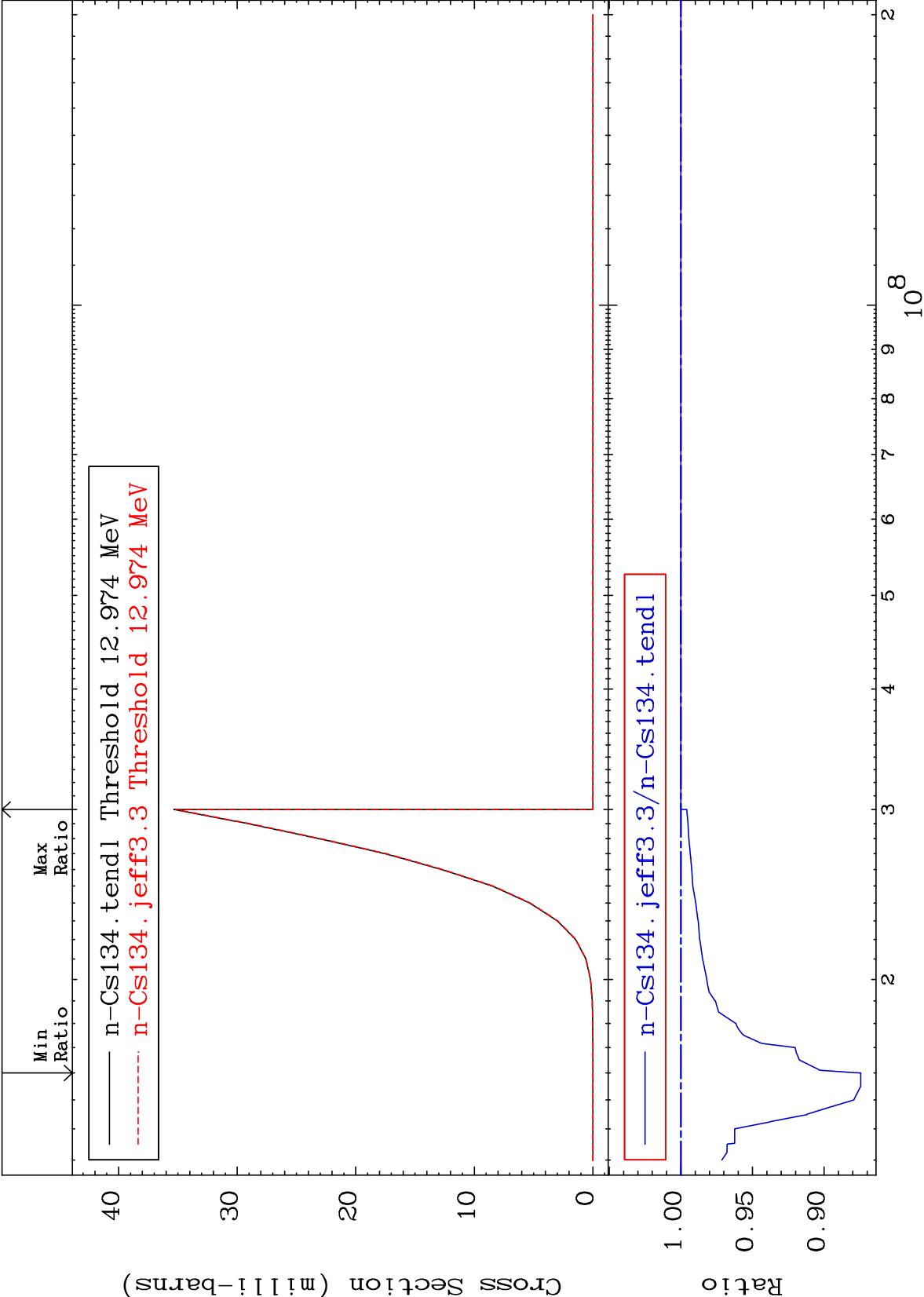
Cross Section

-4.090 To 0.000 %





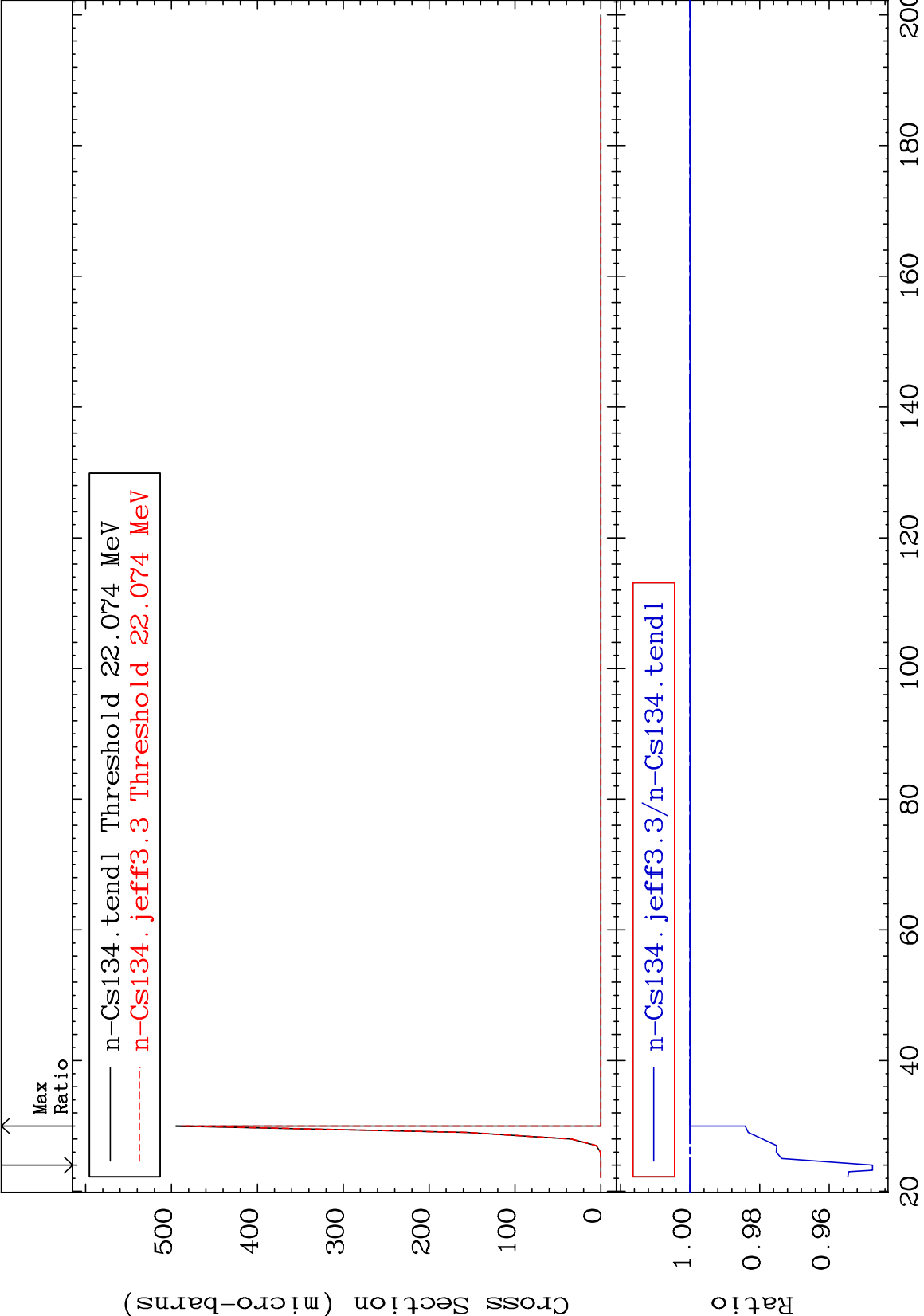


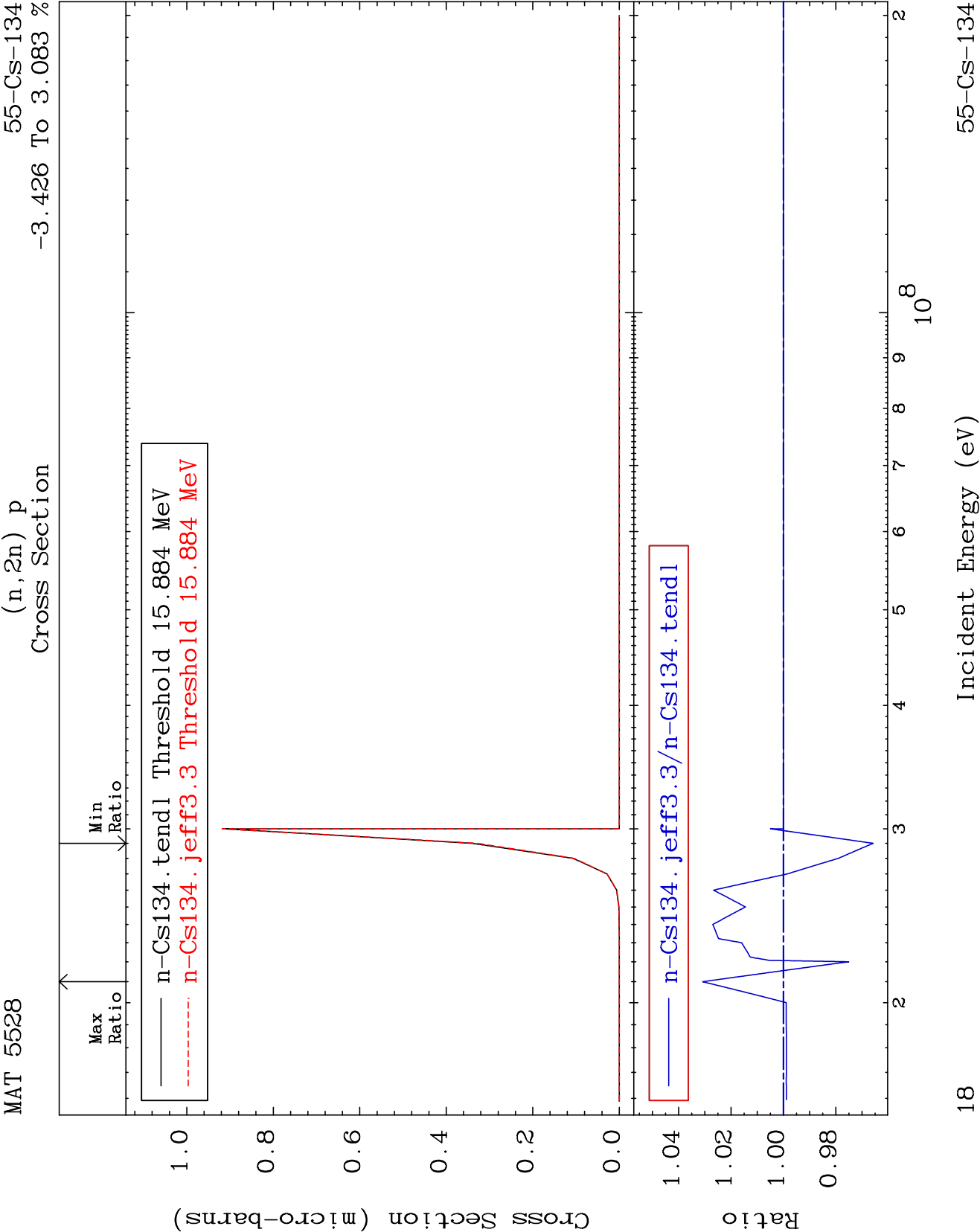


MAT 5528

(n,3n) p
Cross Section

55-Cs-134
-5.242 To 0.000 %

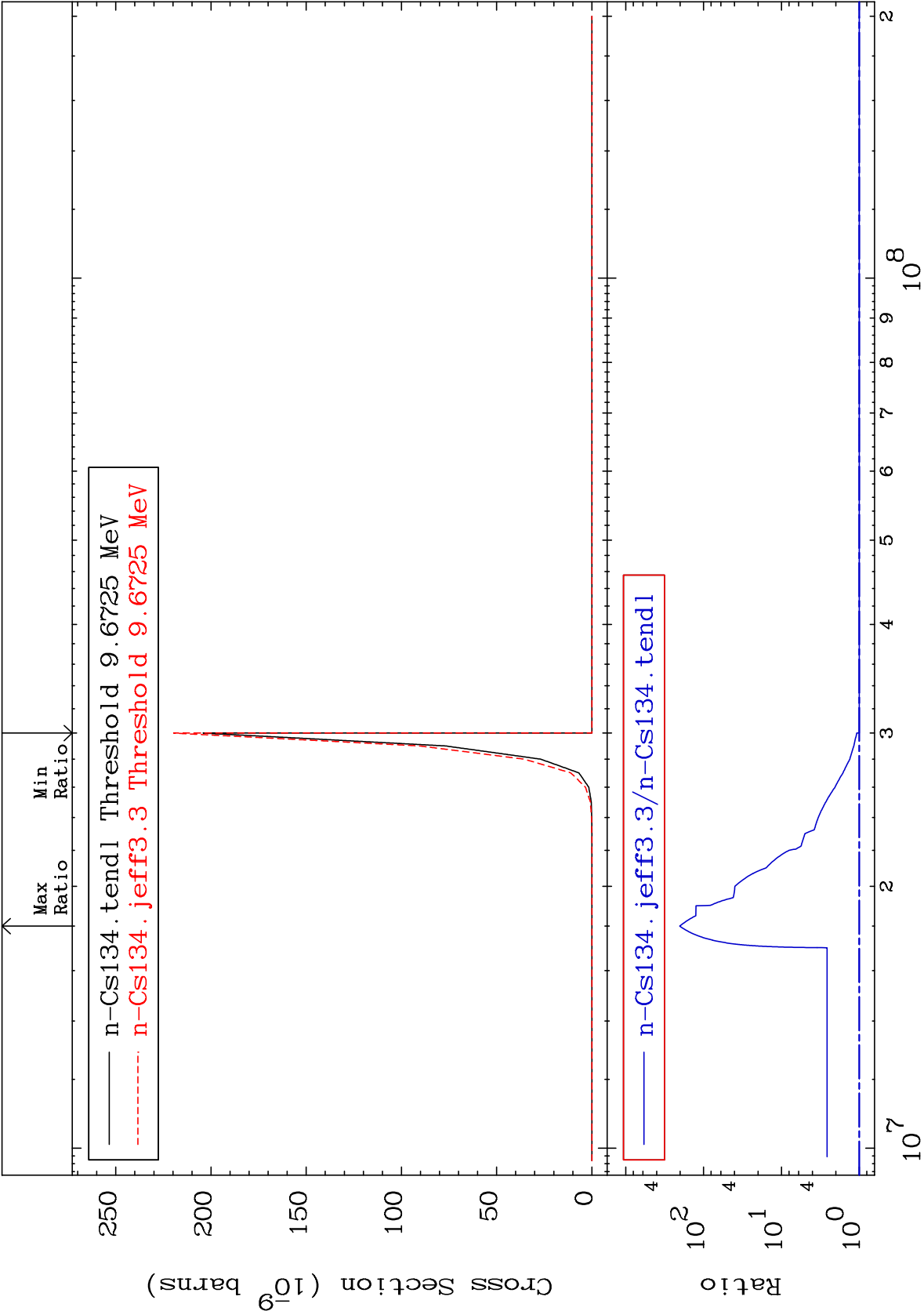




MAT 5528

(n,n') p α
Cross Section

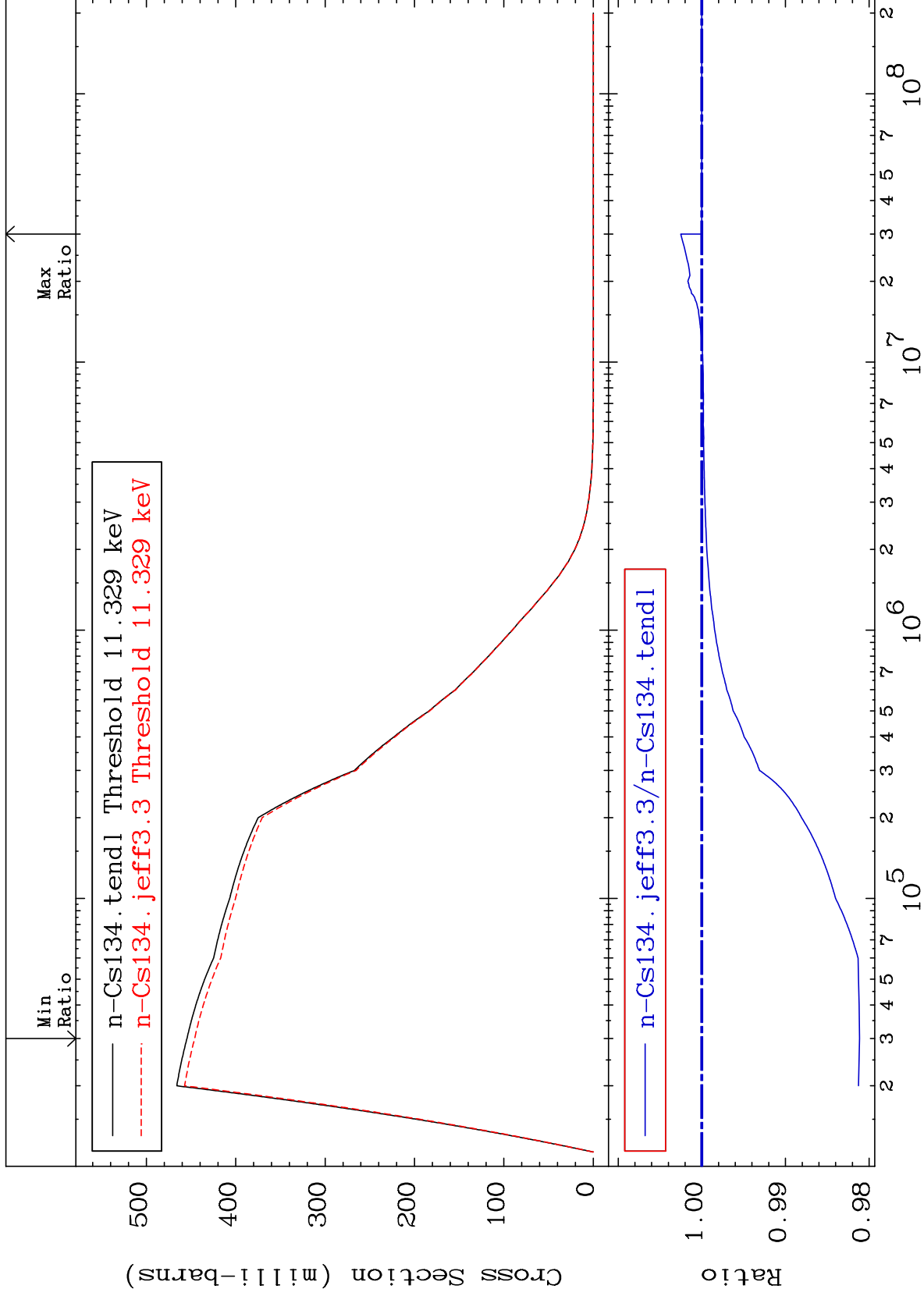
55-Cs-134
To 9999. %



MAT 5528

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

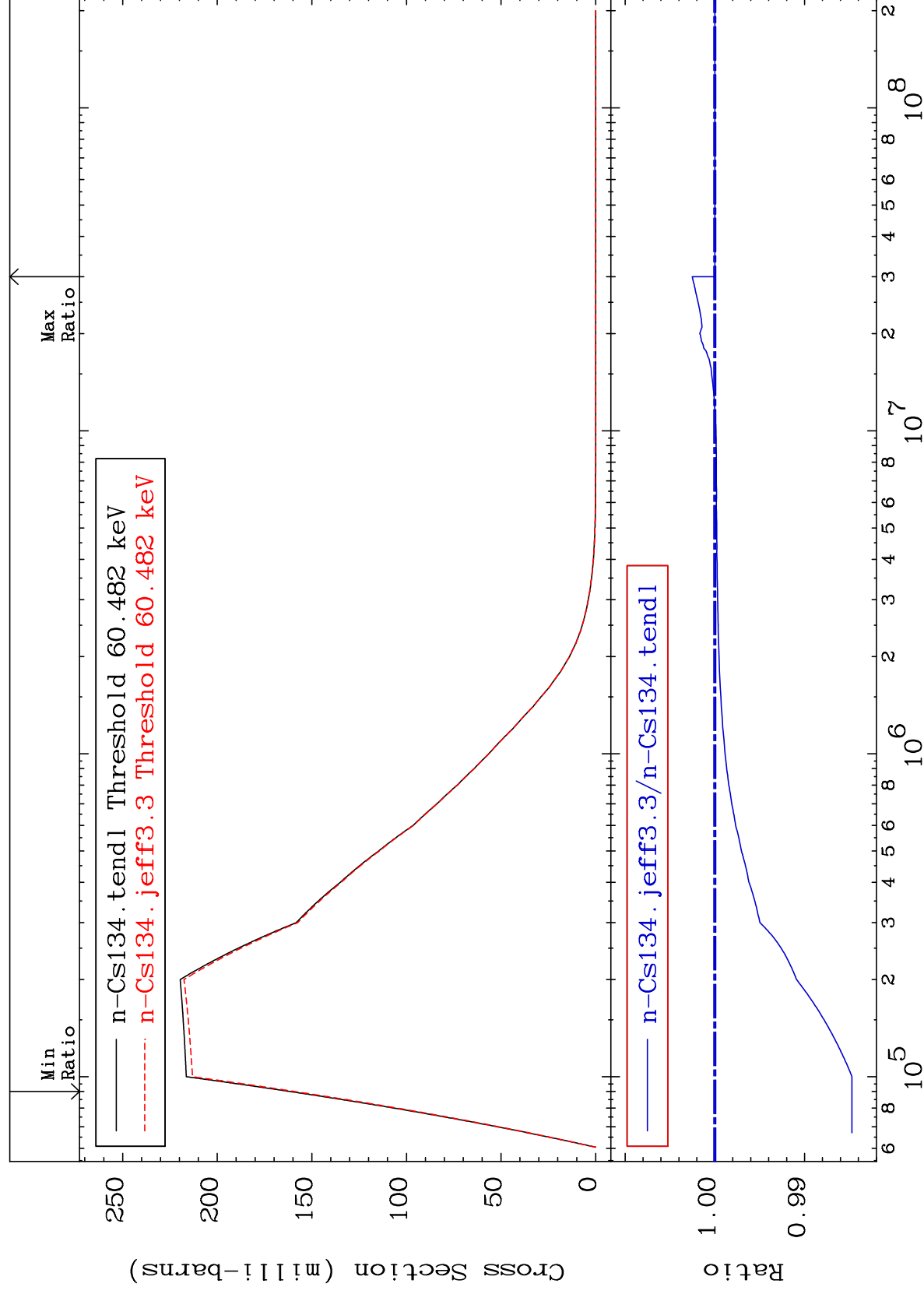
55-Cs-134
-1.886 To 0.252 %



MAT 5528

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

55-Cs-134
-1.528 To 0.252 %



21

Incident Energy (eV)

55-CS-134

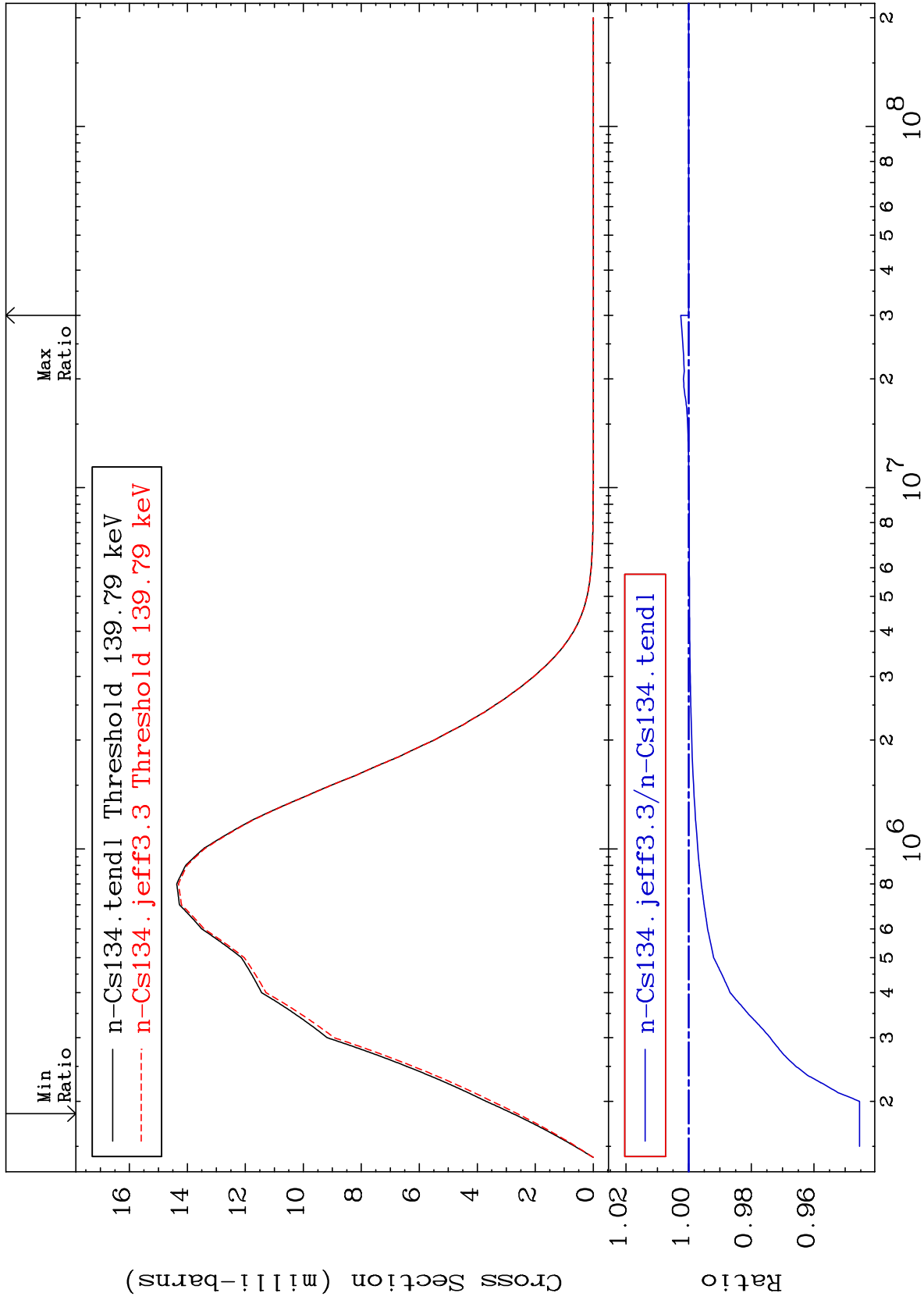
MAT 5528

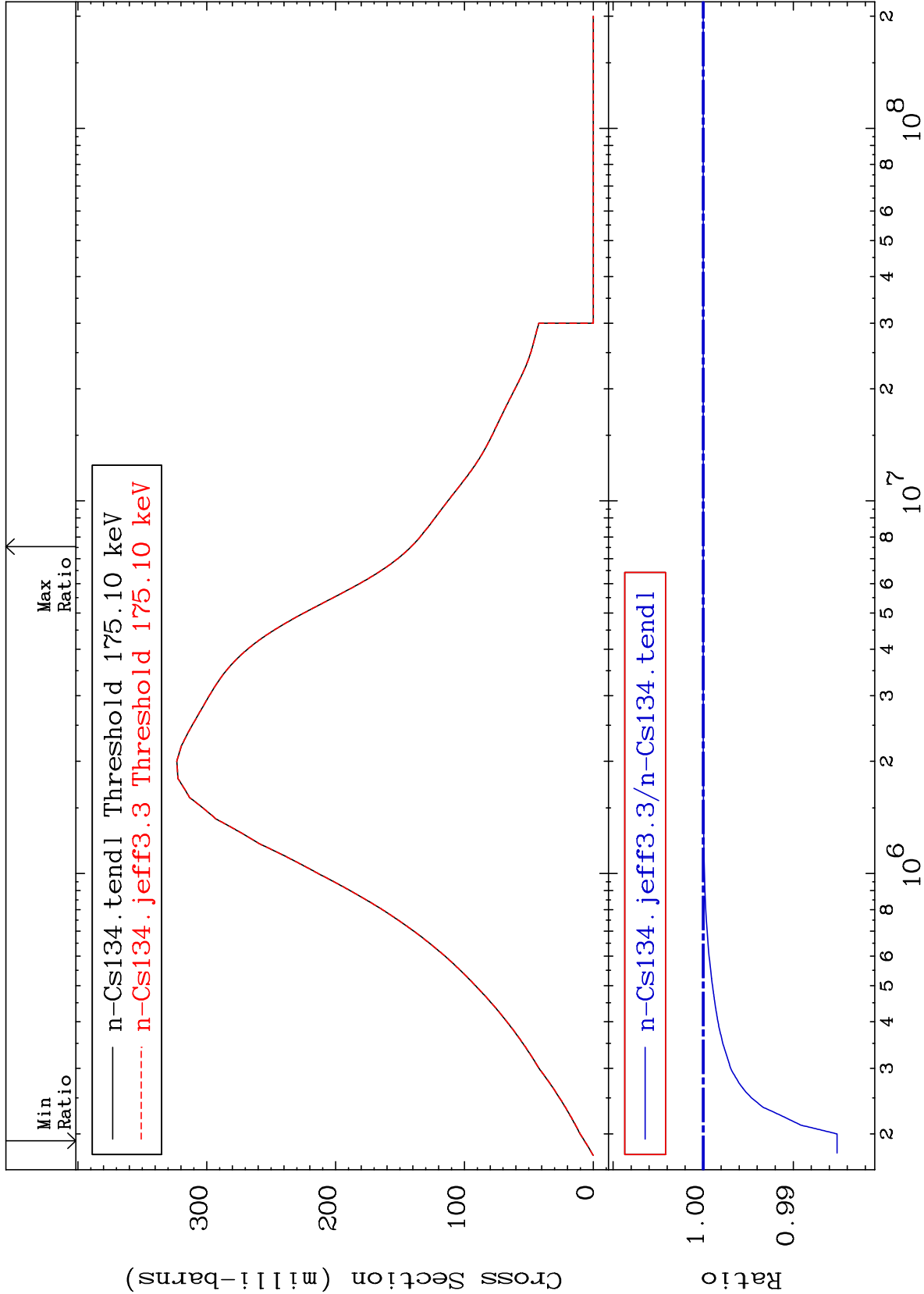
MT= 53 (n,n') Level

55-Cs-134

Cross Section

-5.458 To 0.252 %





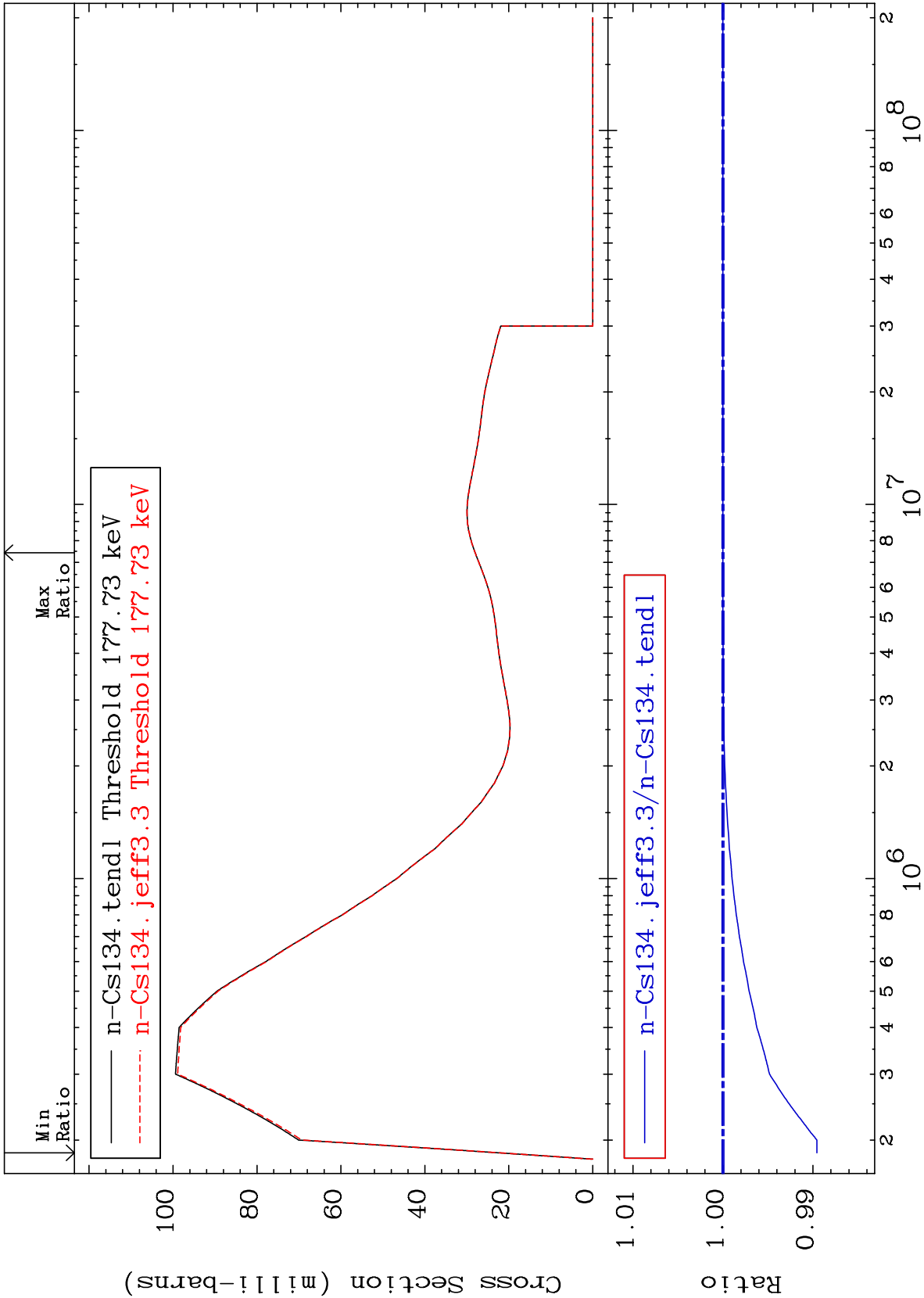
MAT 5528

MT= 55 (n,n') Level

55-Cs-134

-1.044 To 0.000 %

Cross Section



24

Incident Energy (eV)

55-Cs-134

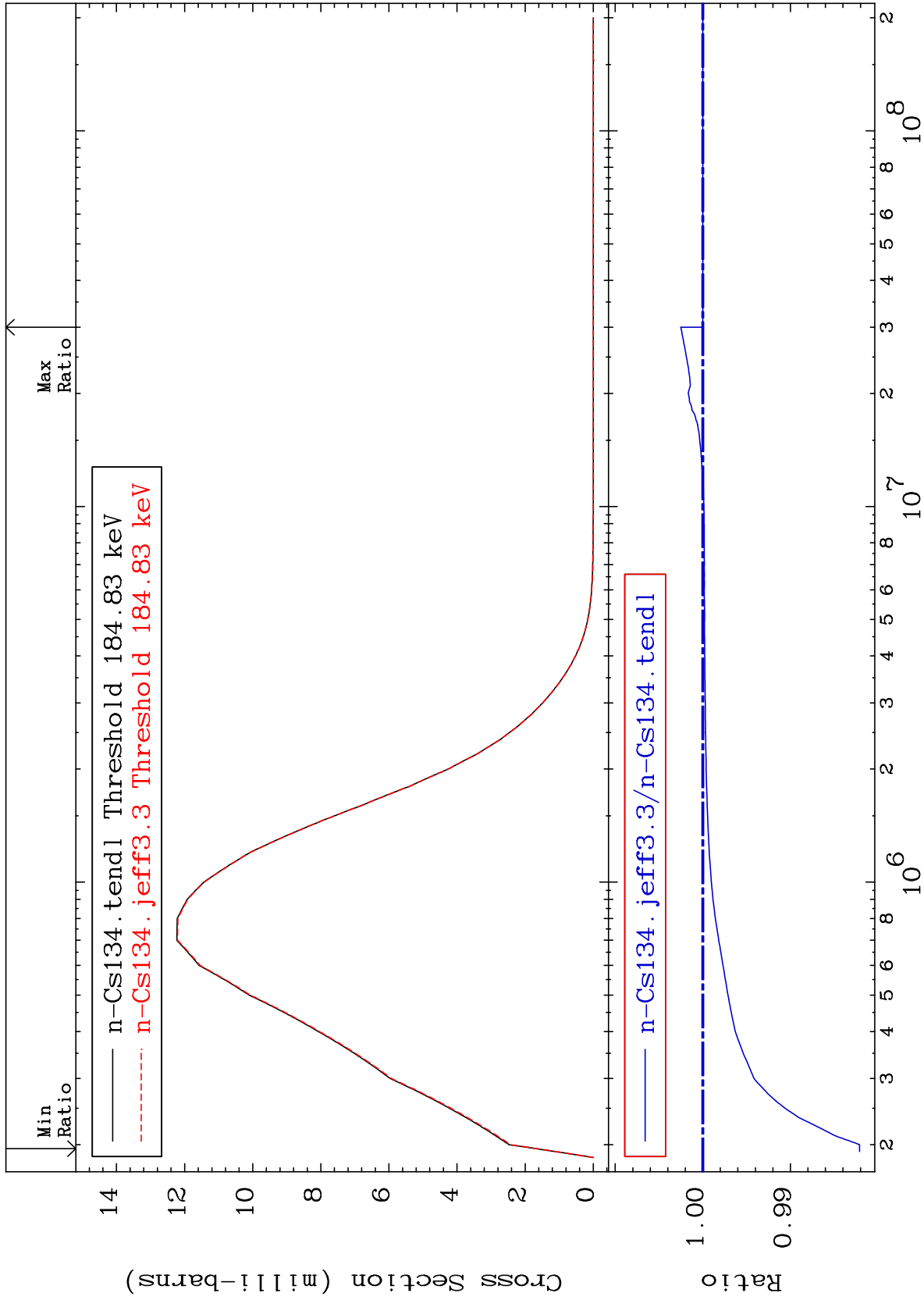
MAT 5528

MT= 56 (n,n') Level

55-Cs-134

Cross Section

-1.789 To 0.252 %



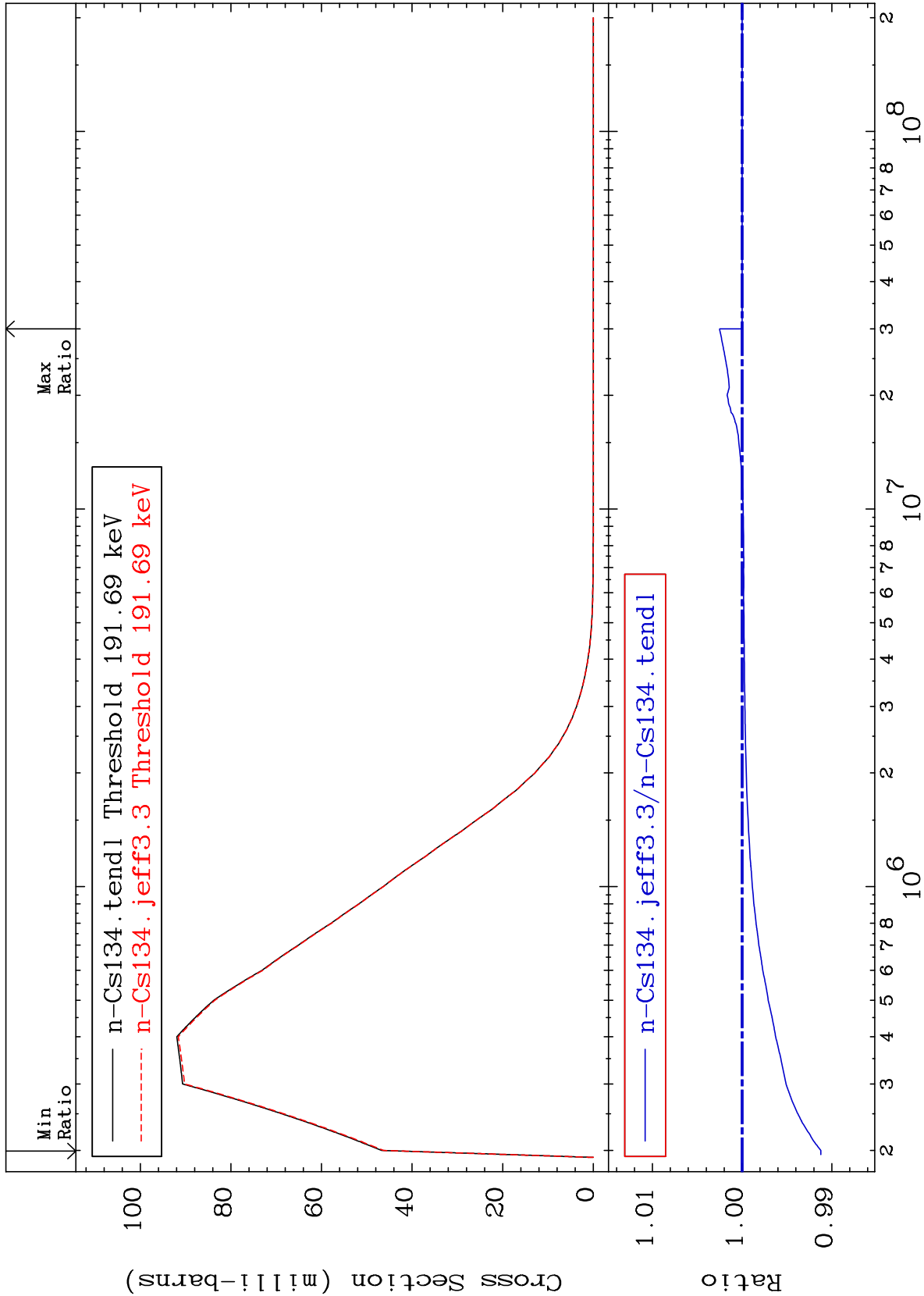
MAT 5528

MT= 57 (n,n') Level

55-Cs-134

Cross Section

-0.877 To 0.252 %



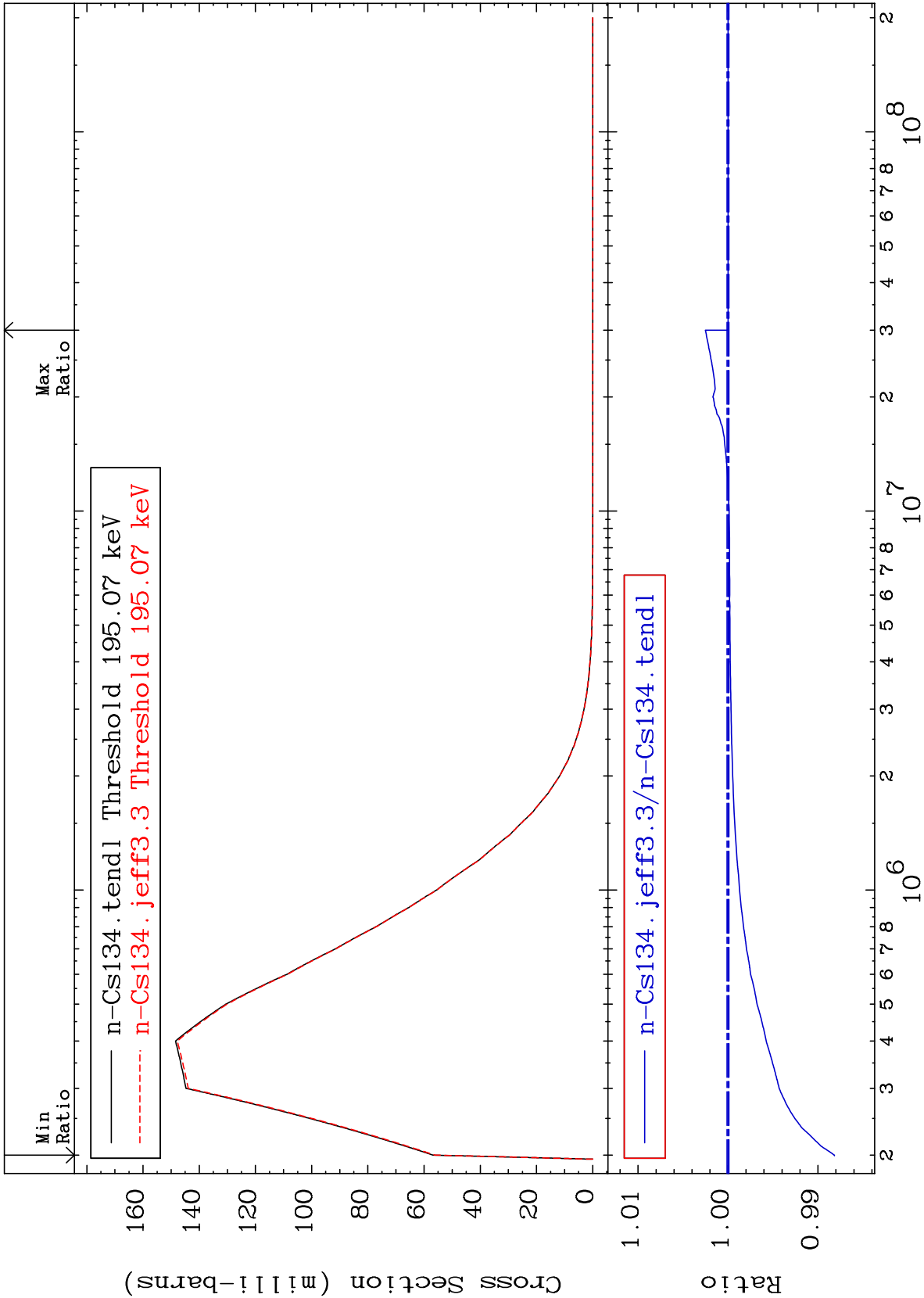
MAT 5528

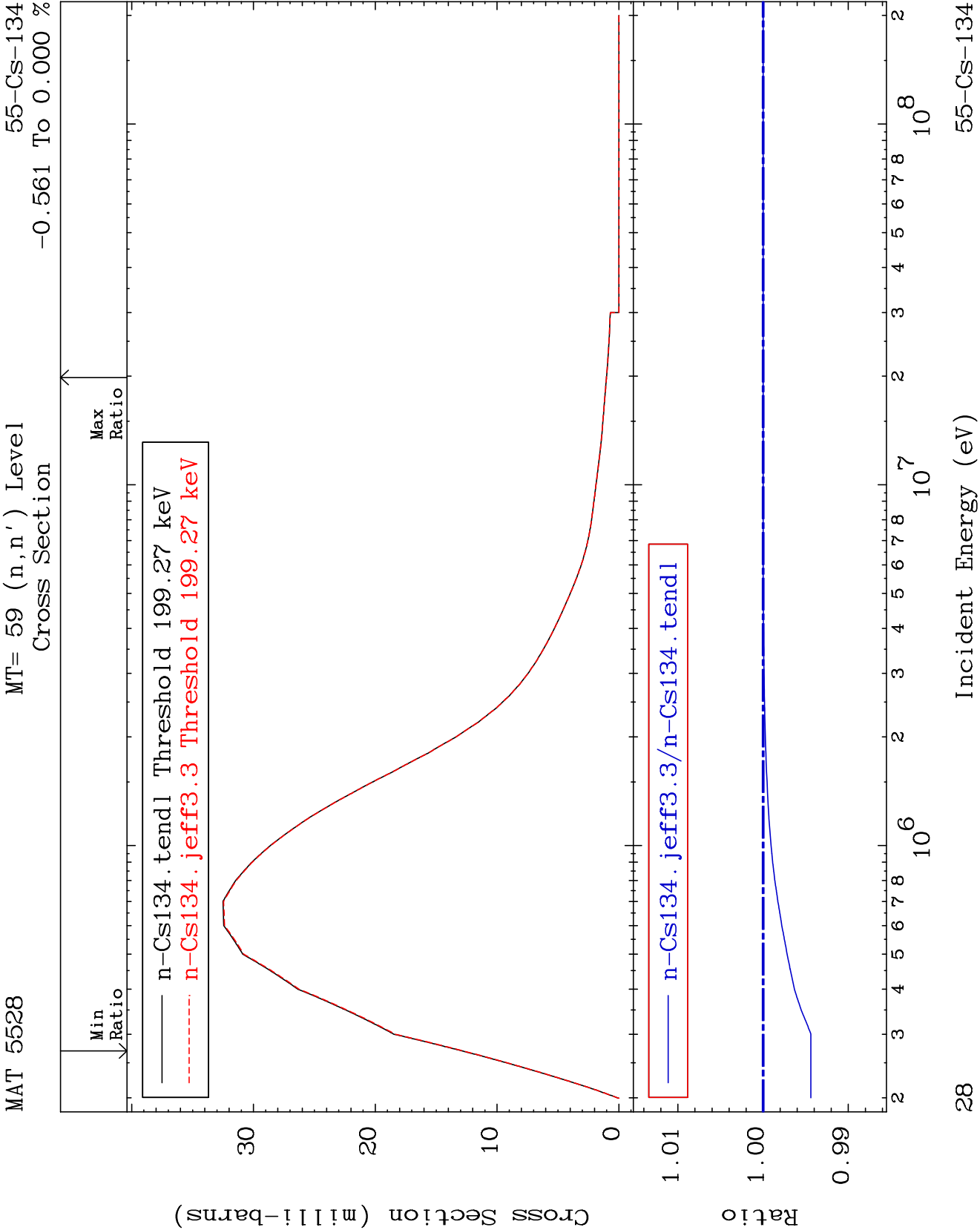
MT= 58 (n,n') Level

55-Cs-134

Cross Section

-1.183 To 0.252 %





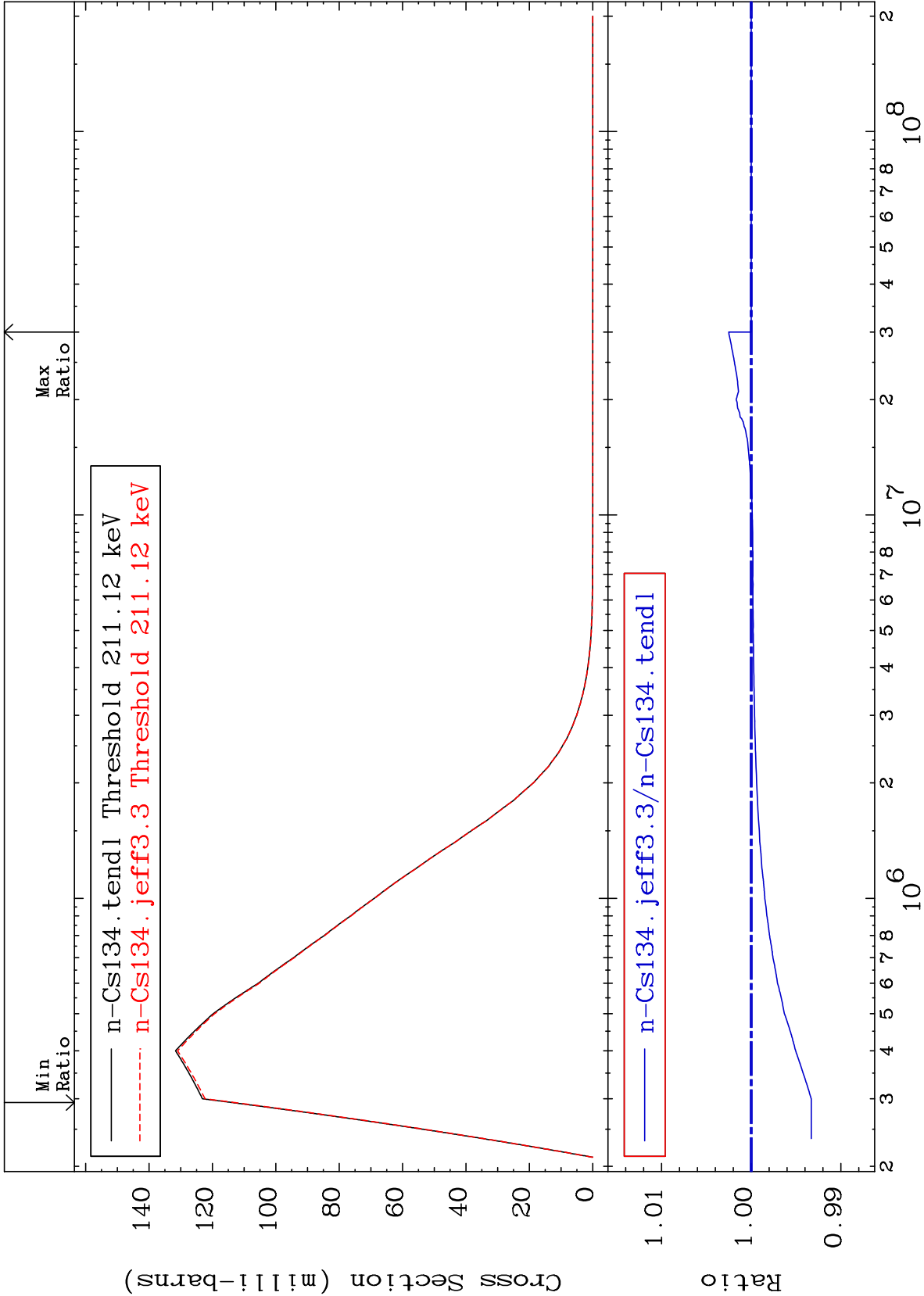
MAT 5528

MT= 60 (n,n') Level

55-Cs-134

Cross Section

-0.668 To 0.252 %



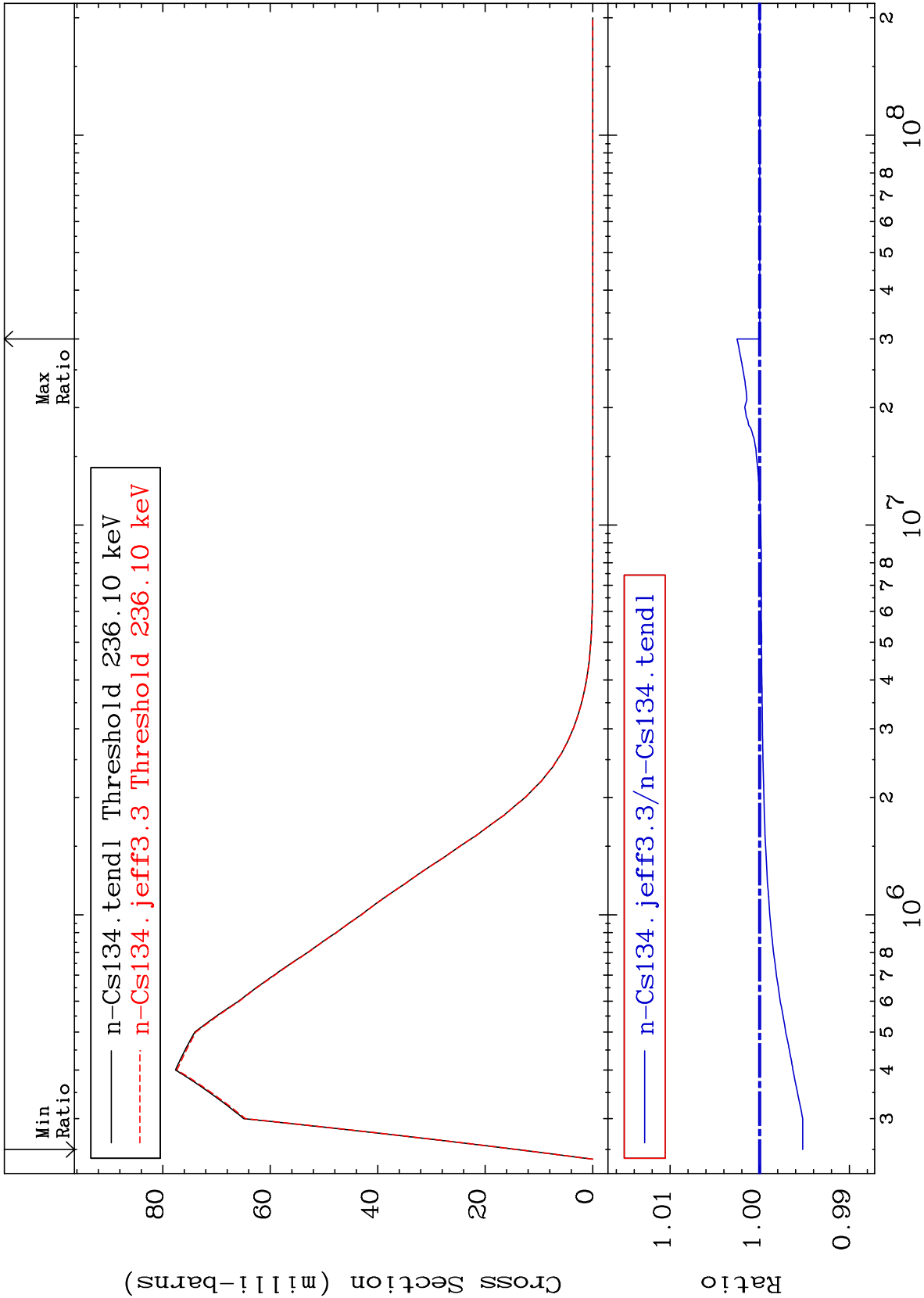
MAT 5528

MT= 61 (n,n') Level

55-Cs-134

Cross Section

-0.480 To 0.253 %



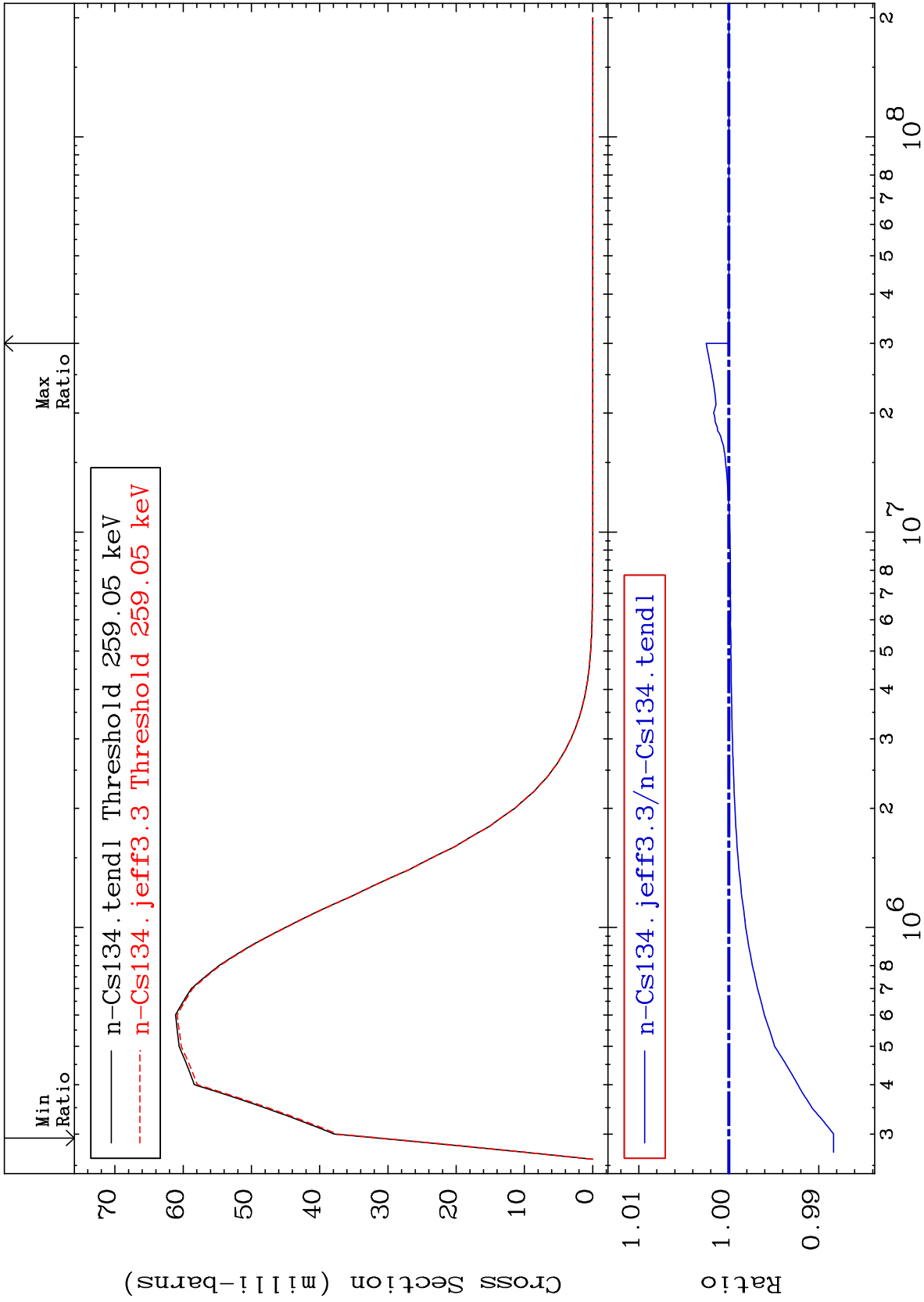
MAT 5528

MT= 62 (n,n') Level

55-Cs-134

Cross Section

-1.166 To 0.252 %



31

Incident Energy (eV)

55-Cs-134

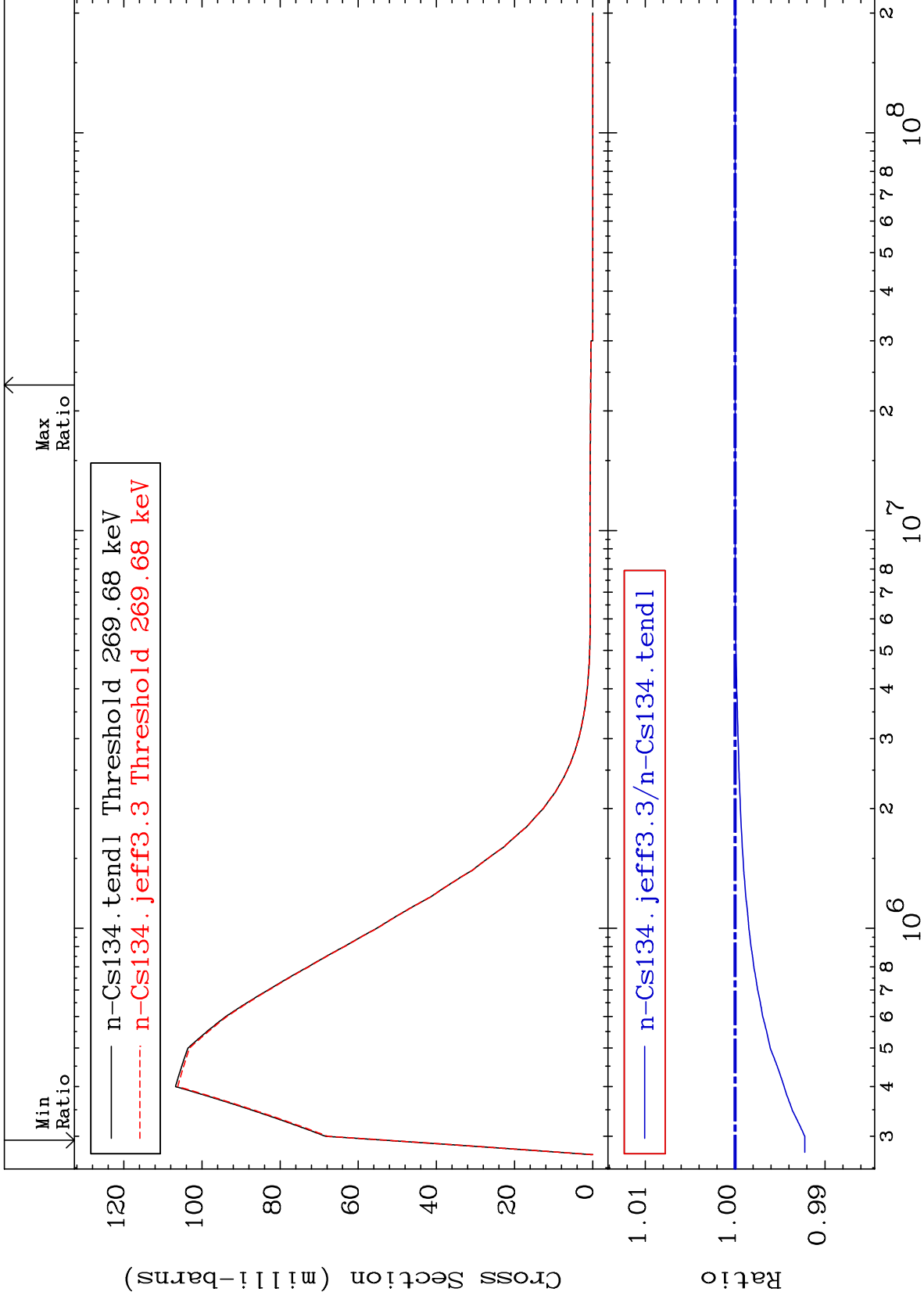
MAT 5528

MT= 63 (n,n') Level

55-Cs-134

Cross Section

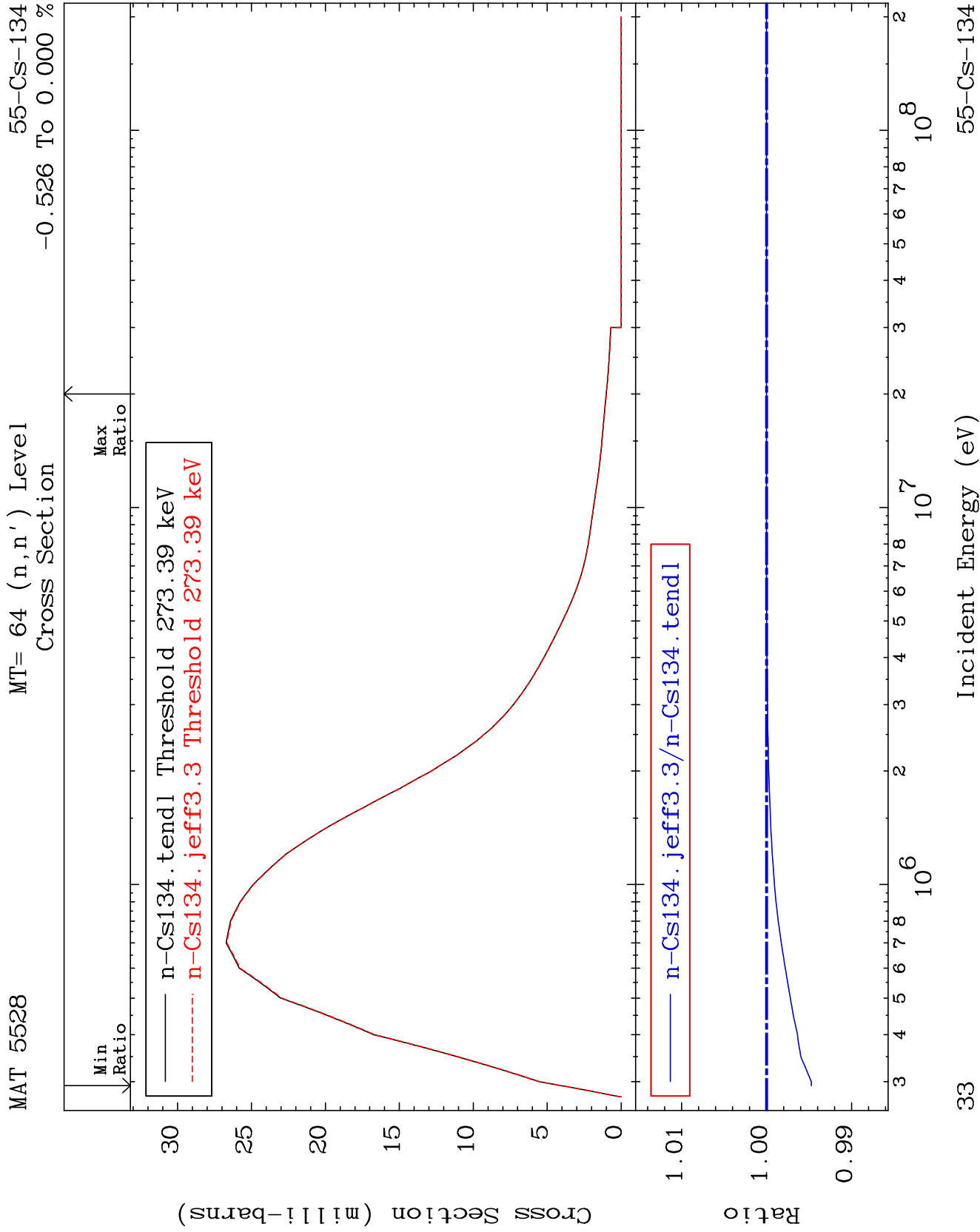
-0.775 To 0.000 %

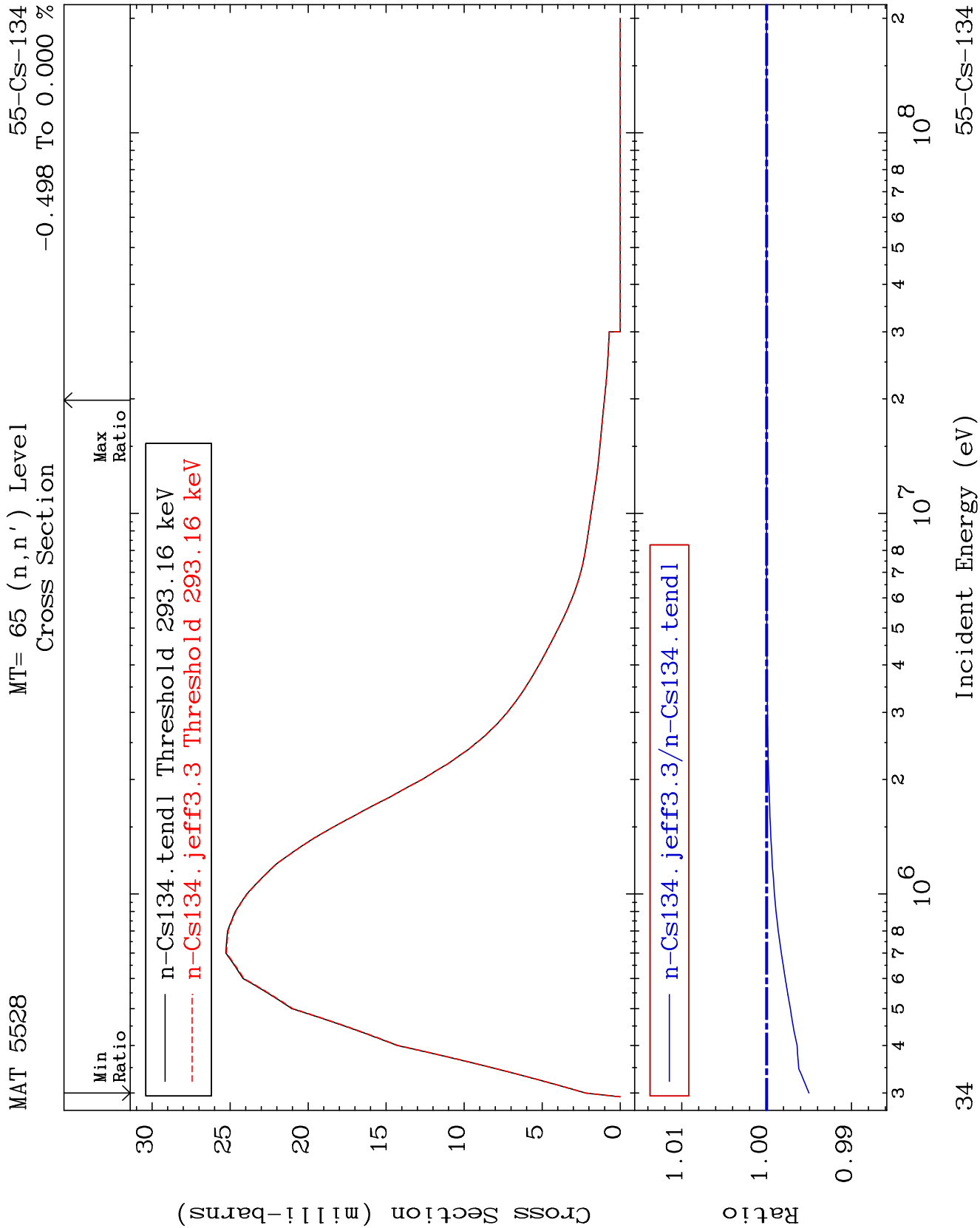


32

Incident Energy (eV)

55-Cs-134

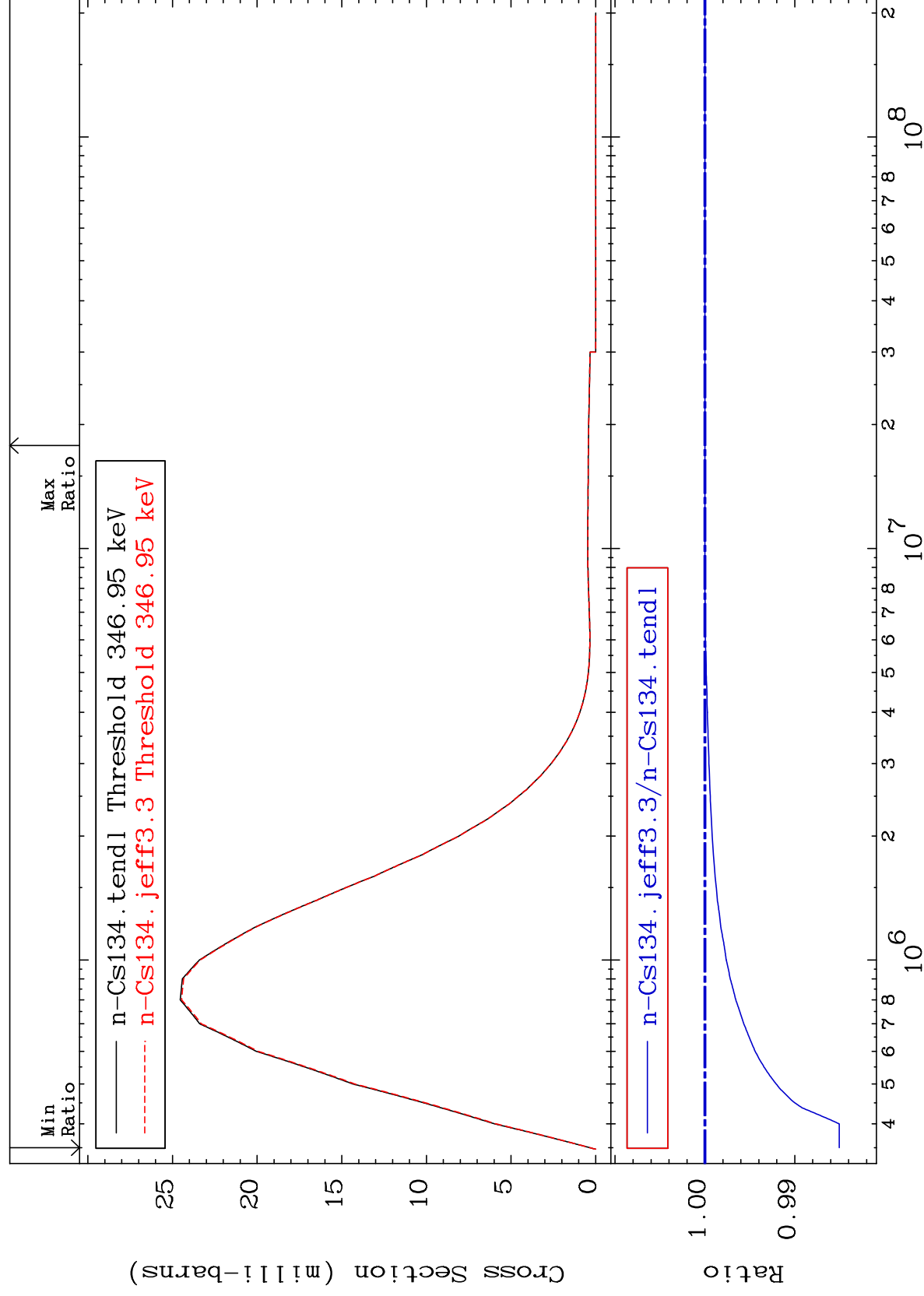




MAT 5528

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

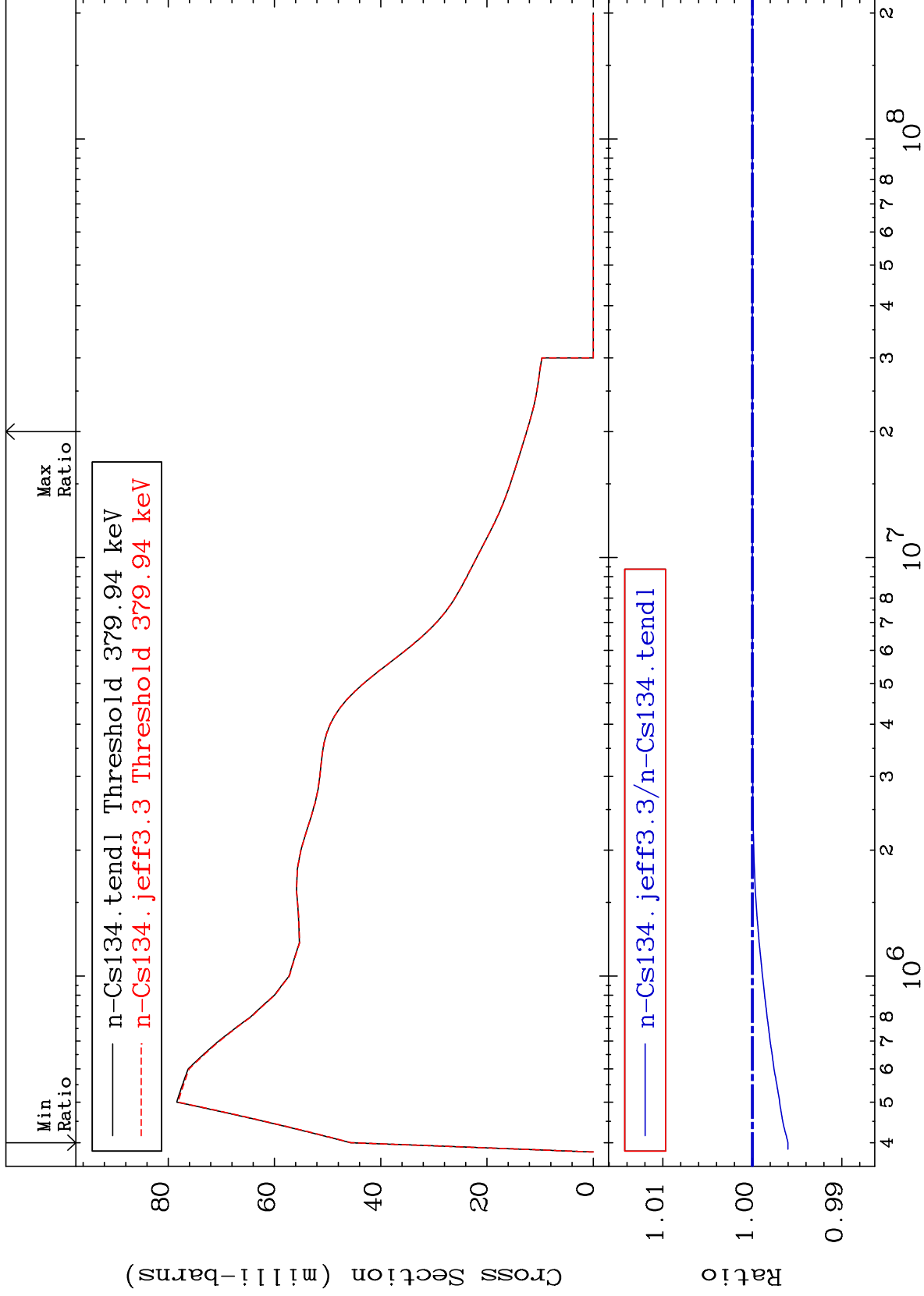
55-Cs-134
-1.496 To 0.000 %



MAT 5528

MT= 67 (n,n') Level
Cross Section

55-Cs-134
-0.398 To 0.000 %



36

Incident Energy (eV)

55-Cs-134

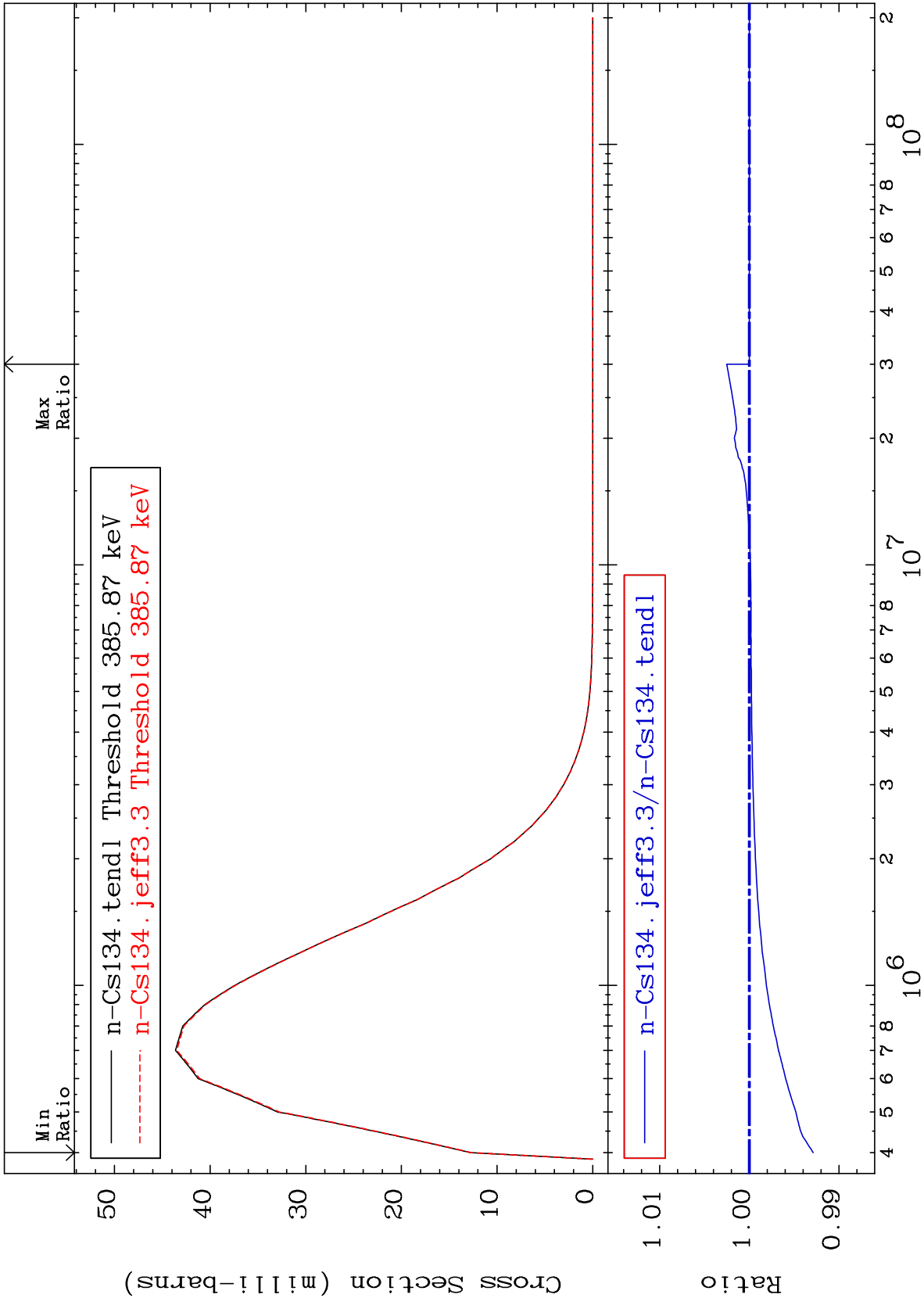
MAT 5528

MT= 68 (n,n') Level

55-Cs-134

Cross Section

-0.710 To 0.252 %



37

Incident Energy (eV)

55-Cs-134

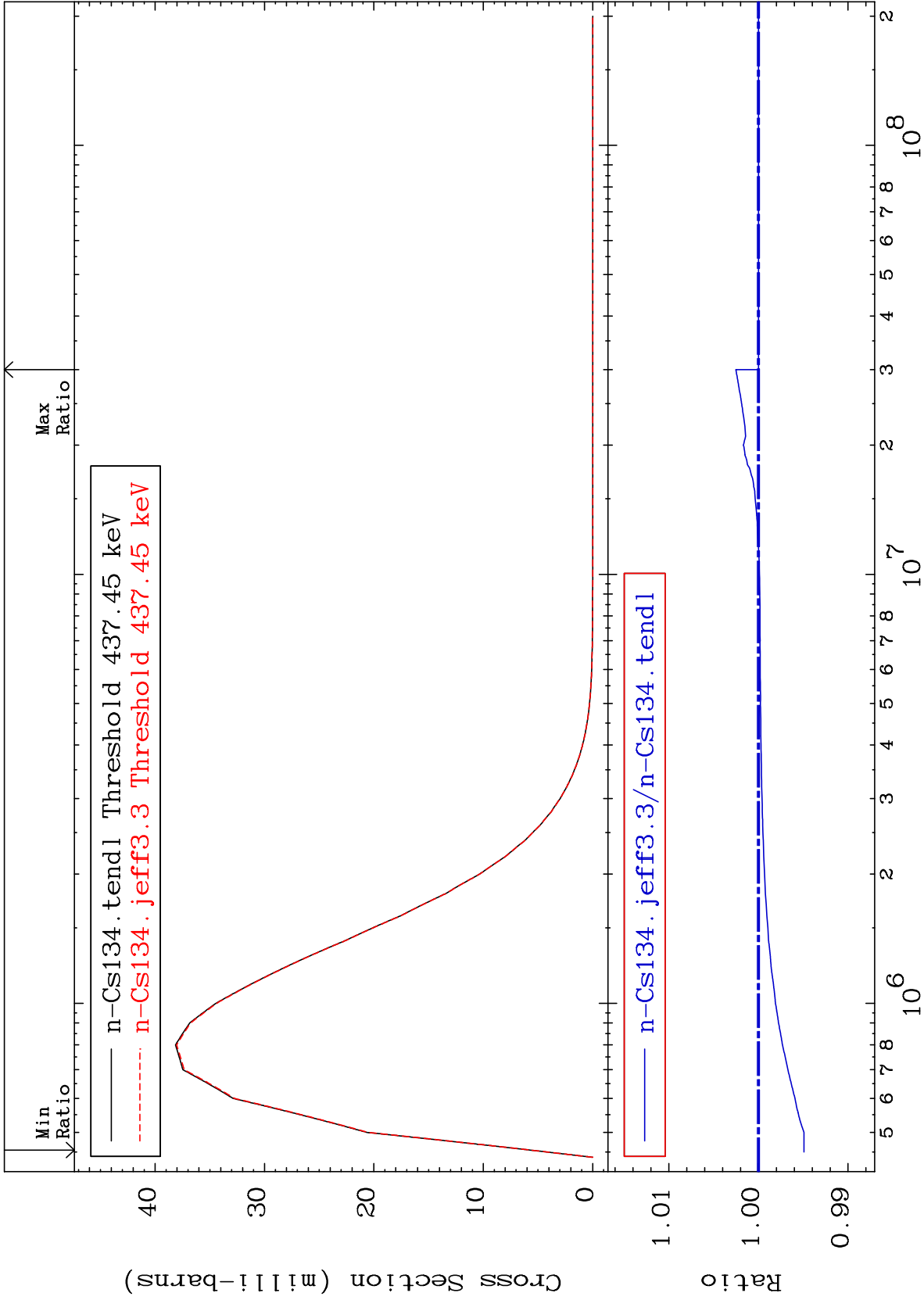
MAT 5528

MT= 69 (n,n') Level

55-Cs-134

Cross Section

-0.508 To 0.252 %



38

Incident Energy (eV)

55-Cs-134

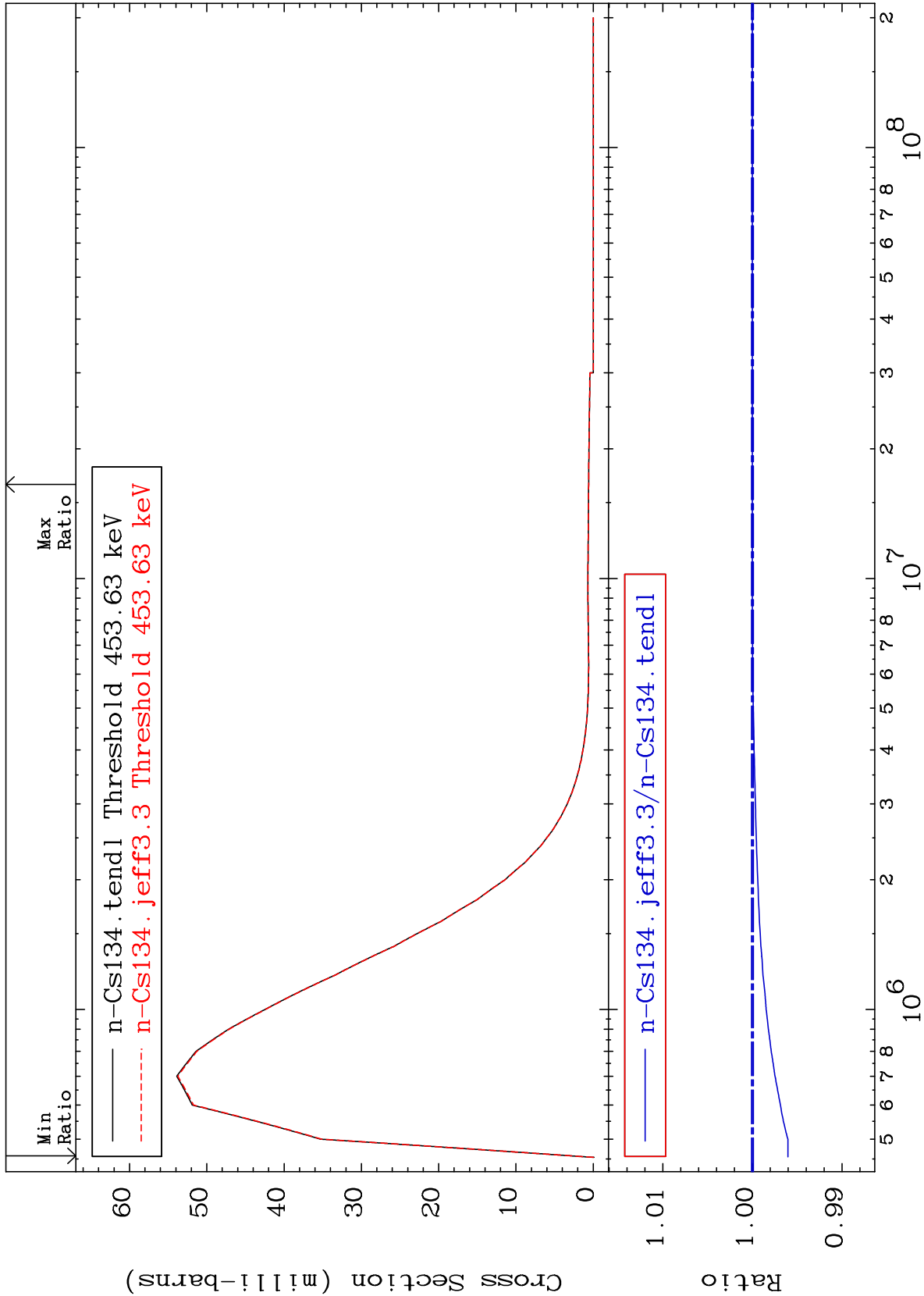
MAT 5528

MT= 70 (n,n') Level

55-Cs-134

-0.396 To 0.000 %

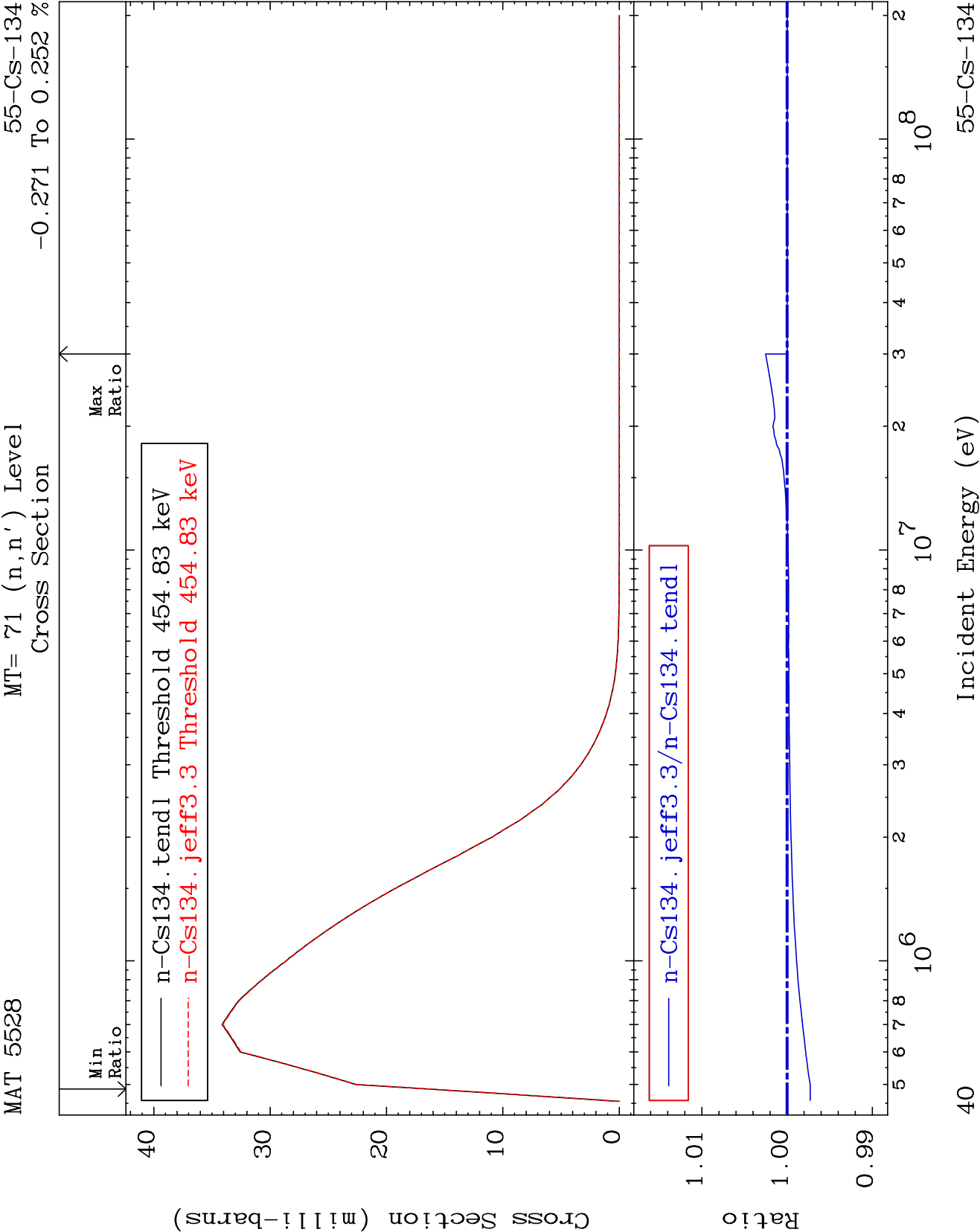
Cross Section



39

Incident Energy (eV)

55-Cs-134

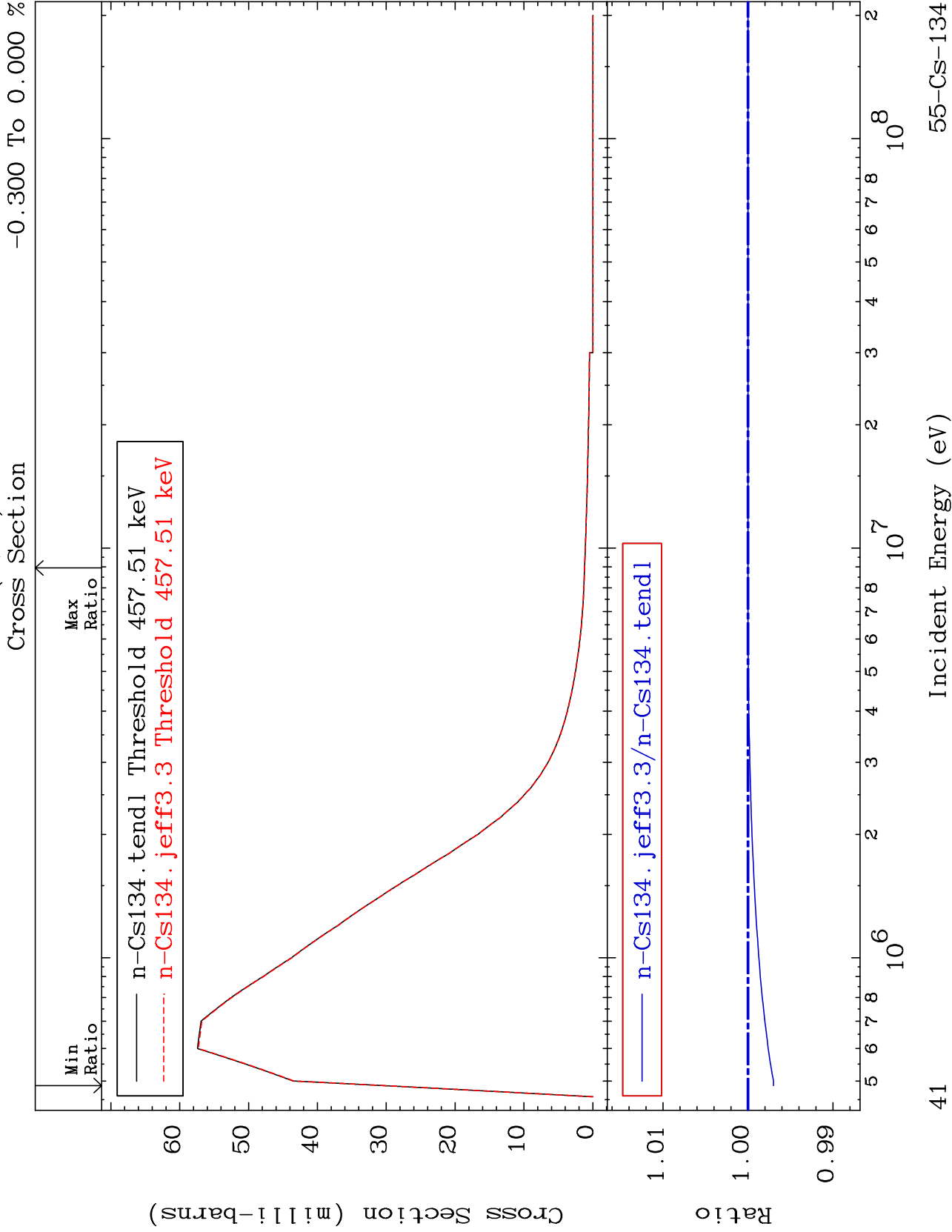


MAT 5528

MT= 72 (n,n') Level

55-Cs-134

-0.300 To 0.000 %



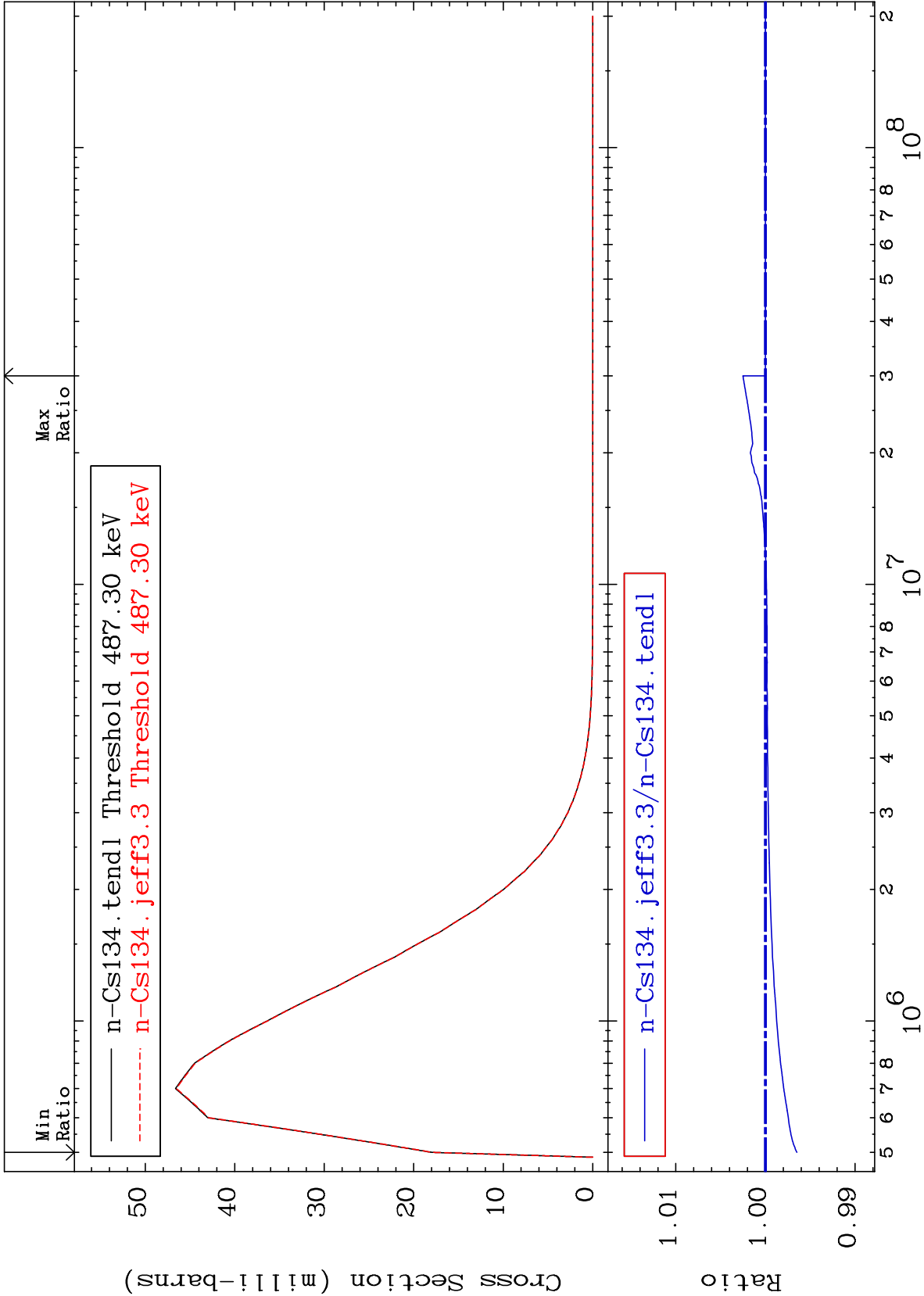
MAT 5528

MT= 73 (n,n') Level

55-Cs-134

Cross Section

-0.352 To 0.252 %



42

Incident Energy (eV)

55-Cs-134

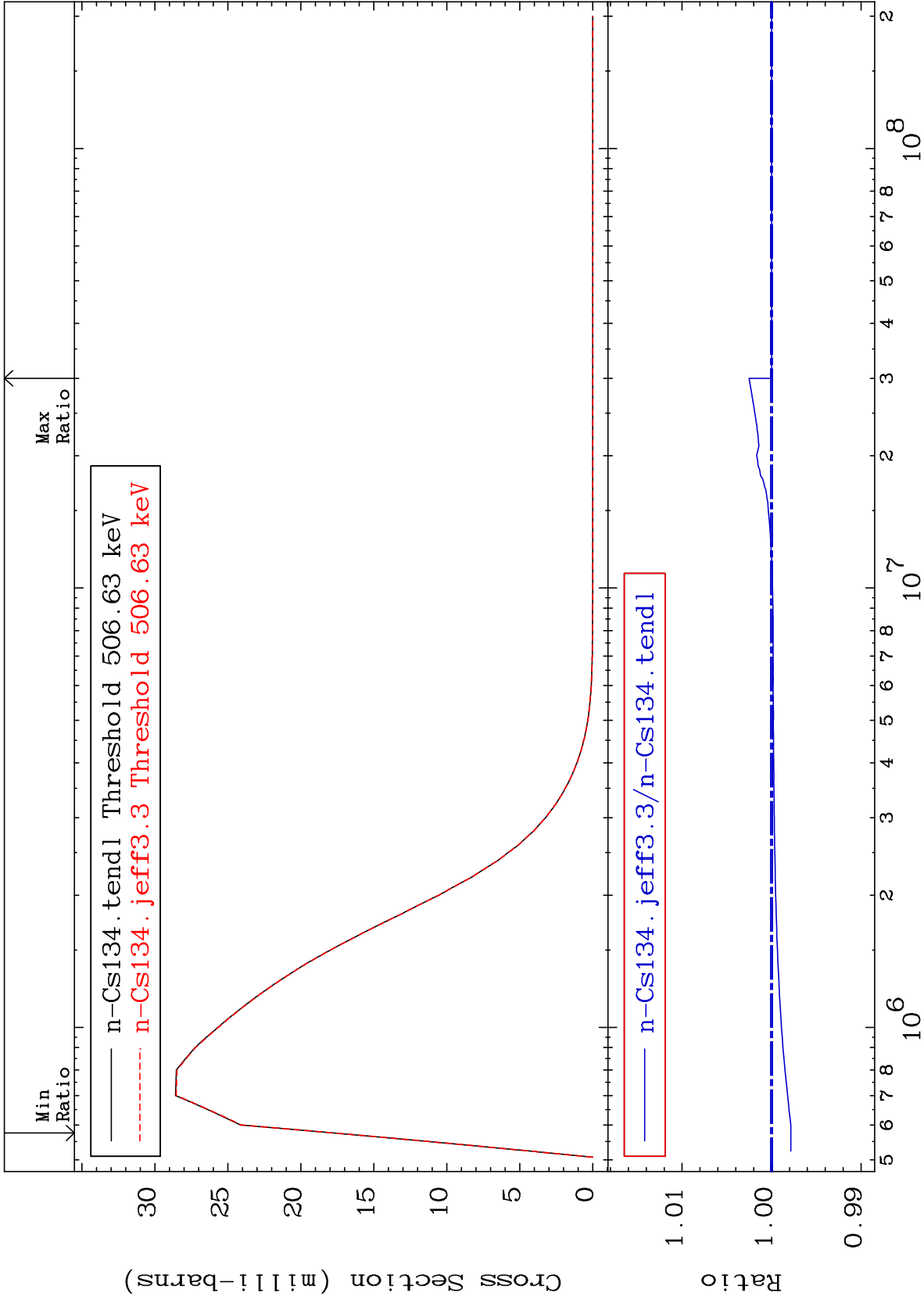
MAT 5528

MT= 74 (n,n') Level

55-Cs-134

Cross Section

-0.214 To 0.252 %



43

Incident Energy (eV)

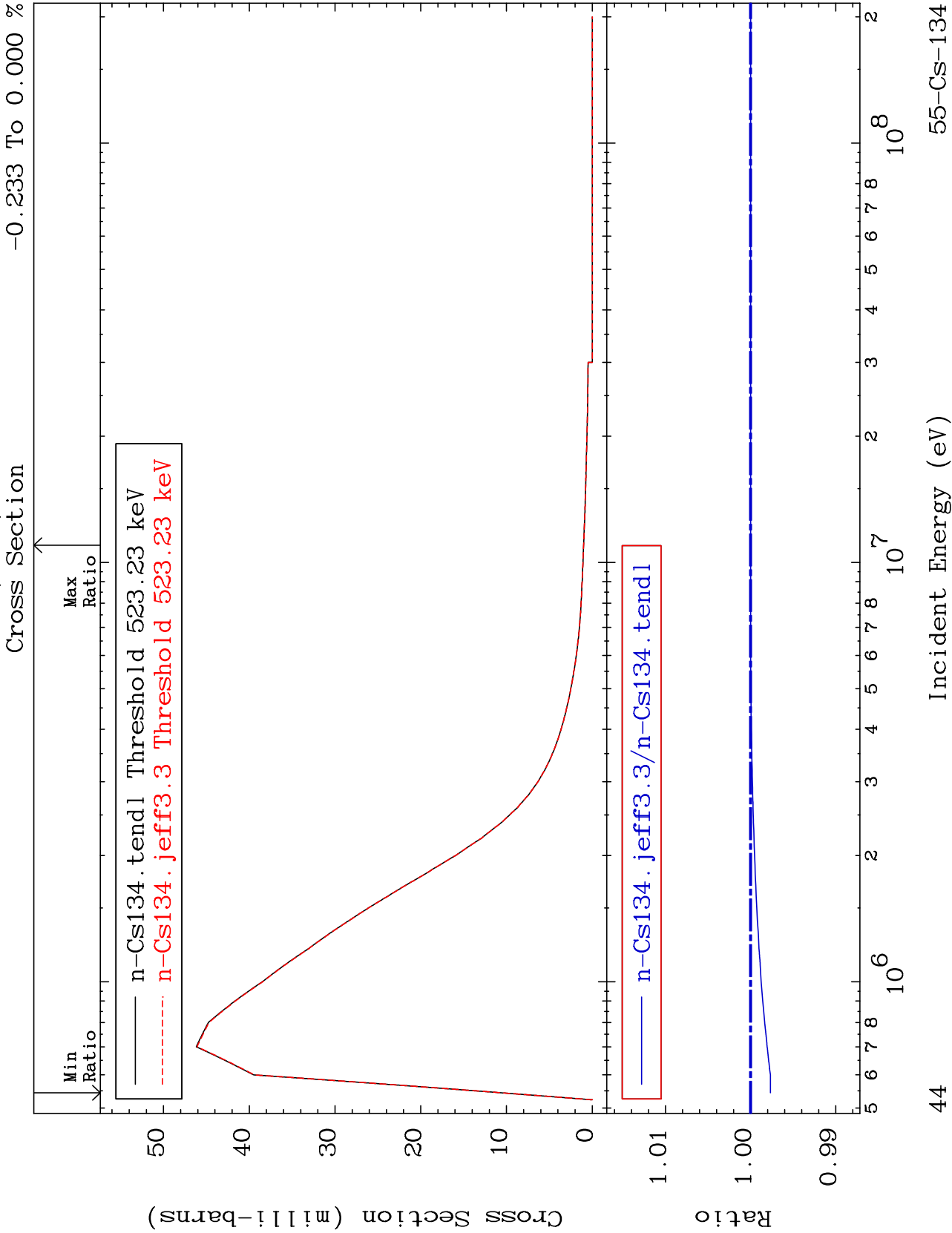
55-Cs-134

MAT 5528

MT= 75 (n,n') Level

55-Cs-134

-0.233 To 0.000 %



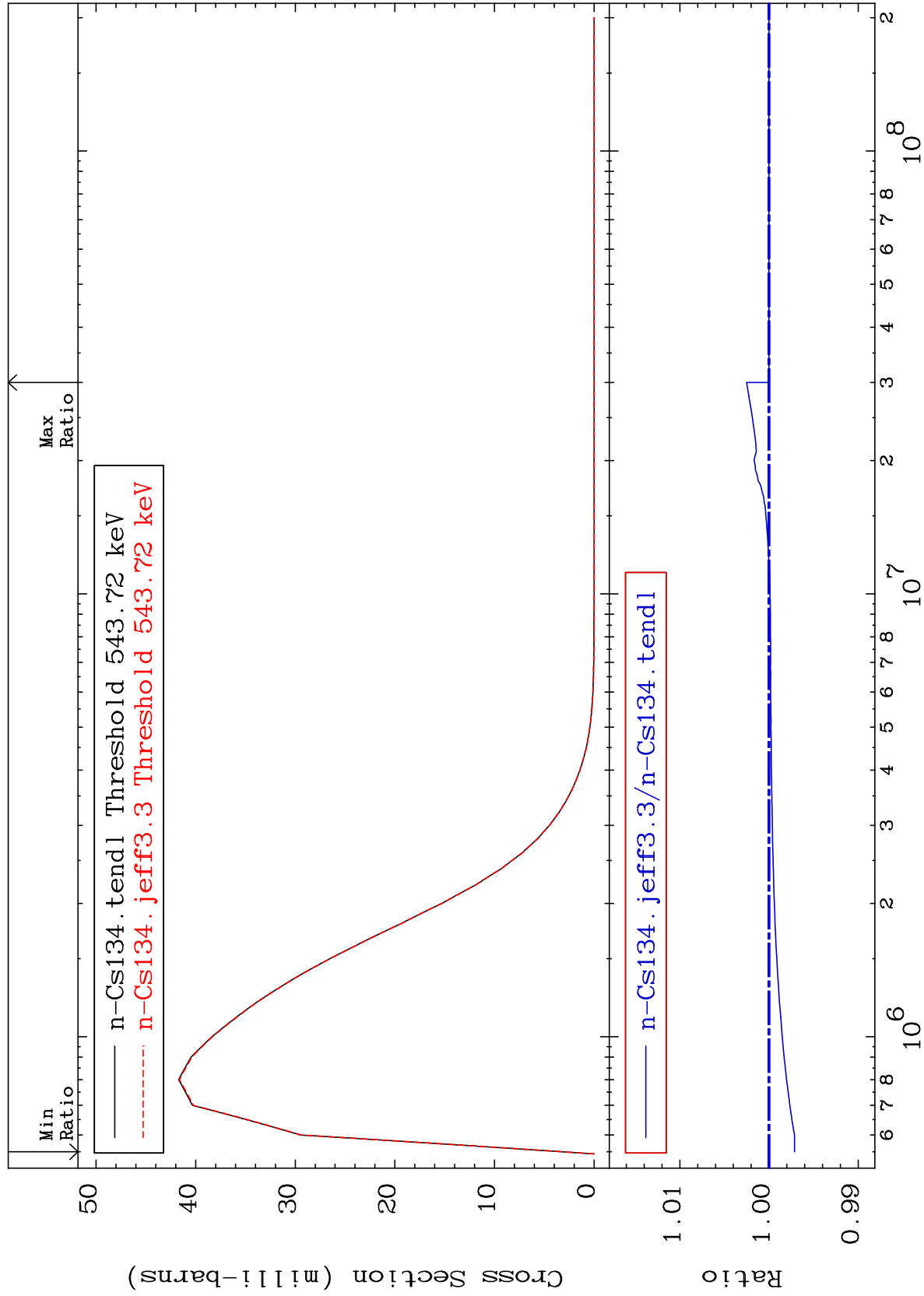
MAT 5528

MT= 76 (n,n') Level

55-Cs-134

Cross Section

-0.287 To 0.252 %



45

Incident Energy (eV)

55-Cs-134

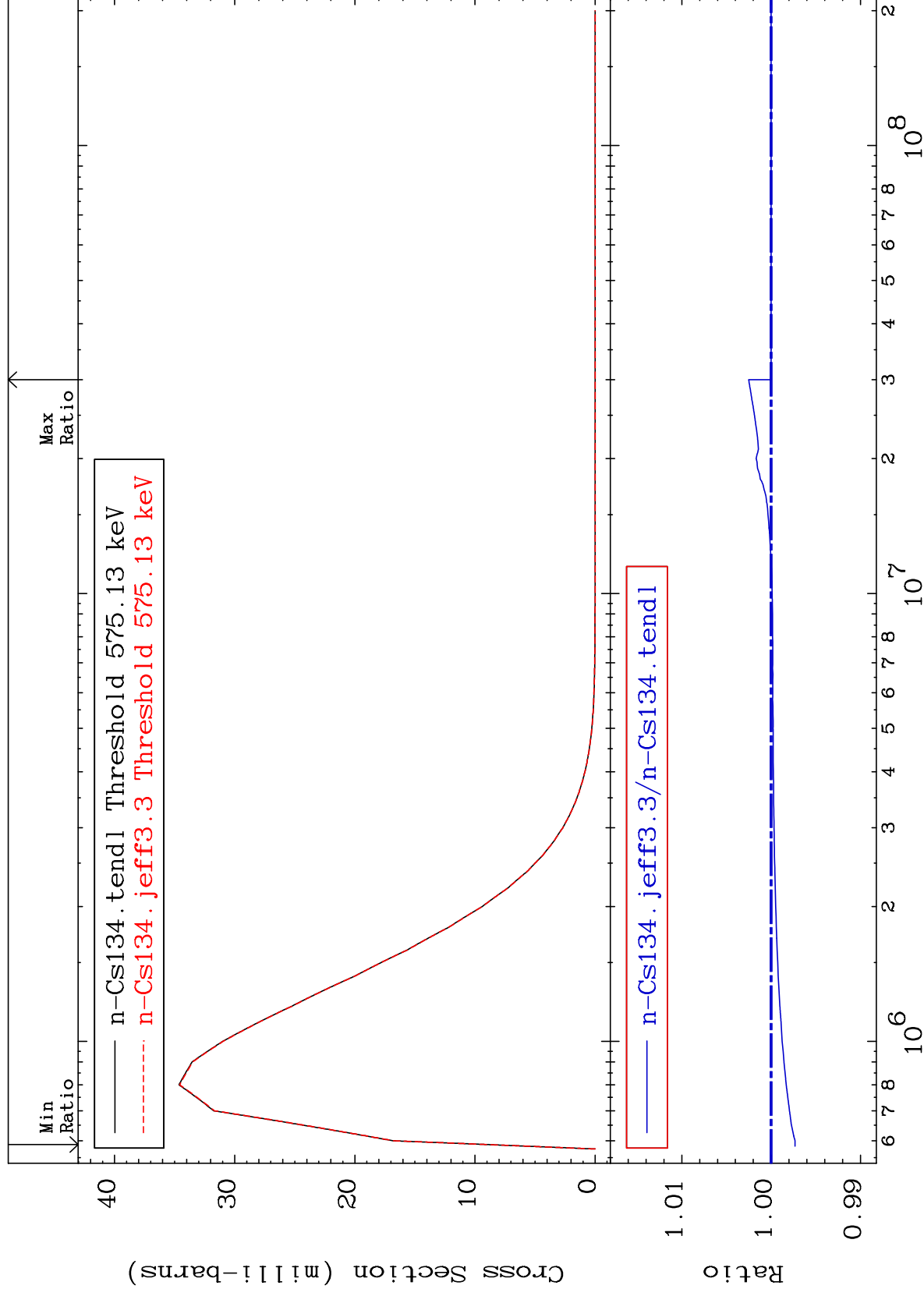
MAT 5528

MT=77 (n,n') Level

55-CS-134

Cross Section

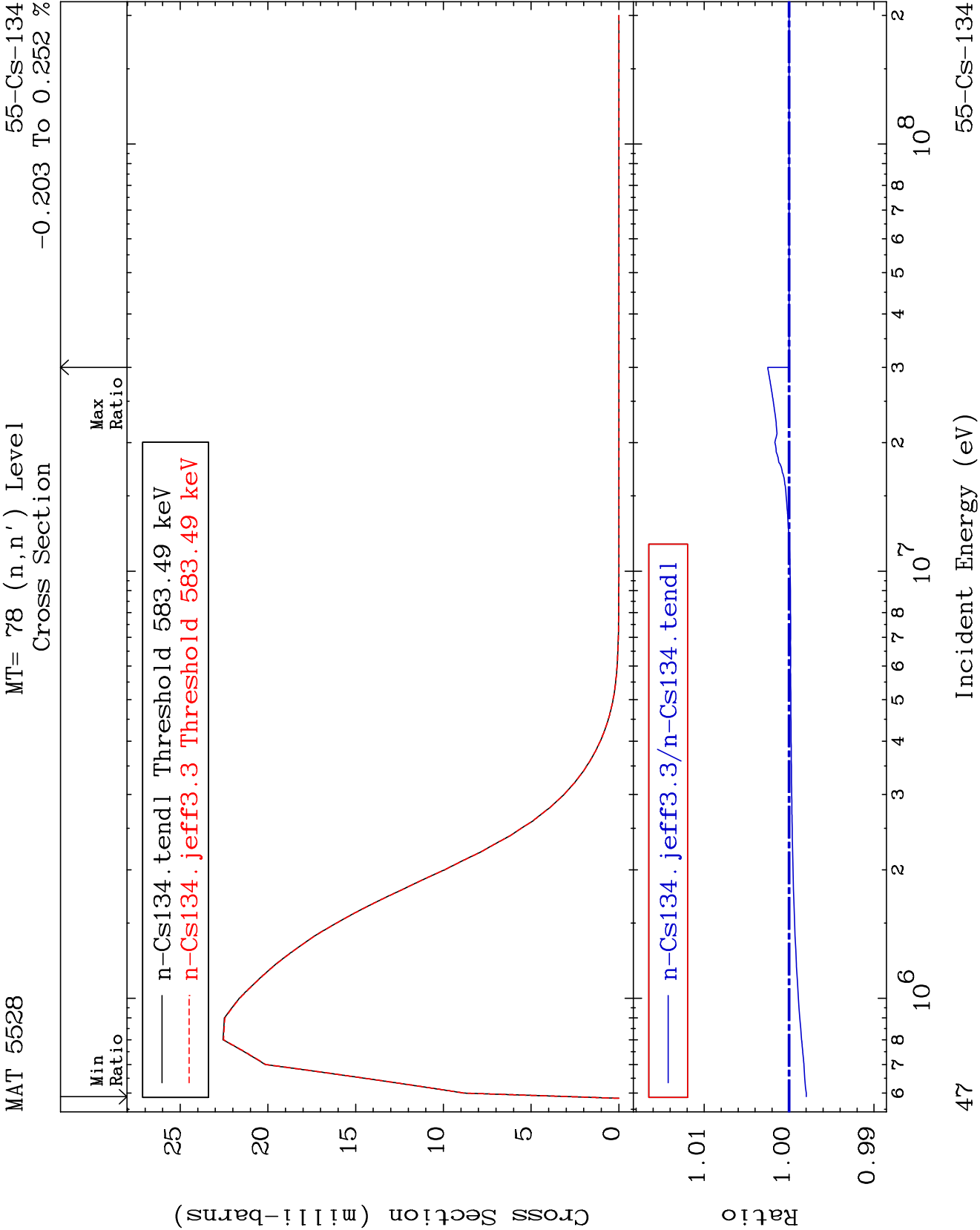
-0.268 To 0.252 %



46

Incident Energy (eV)

55-CS-134



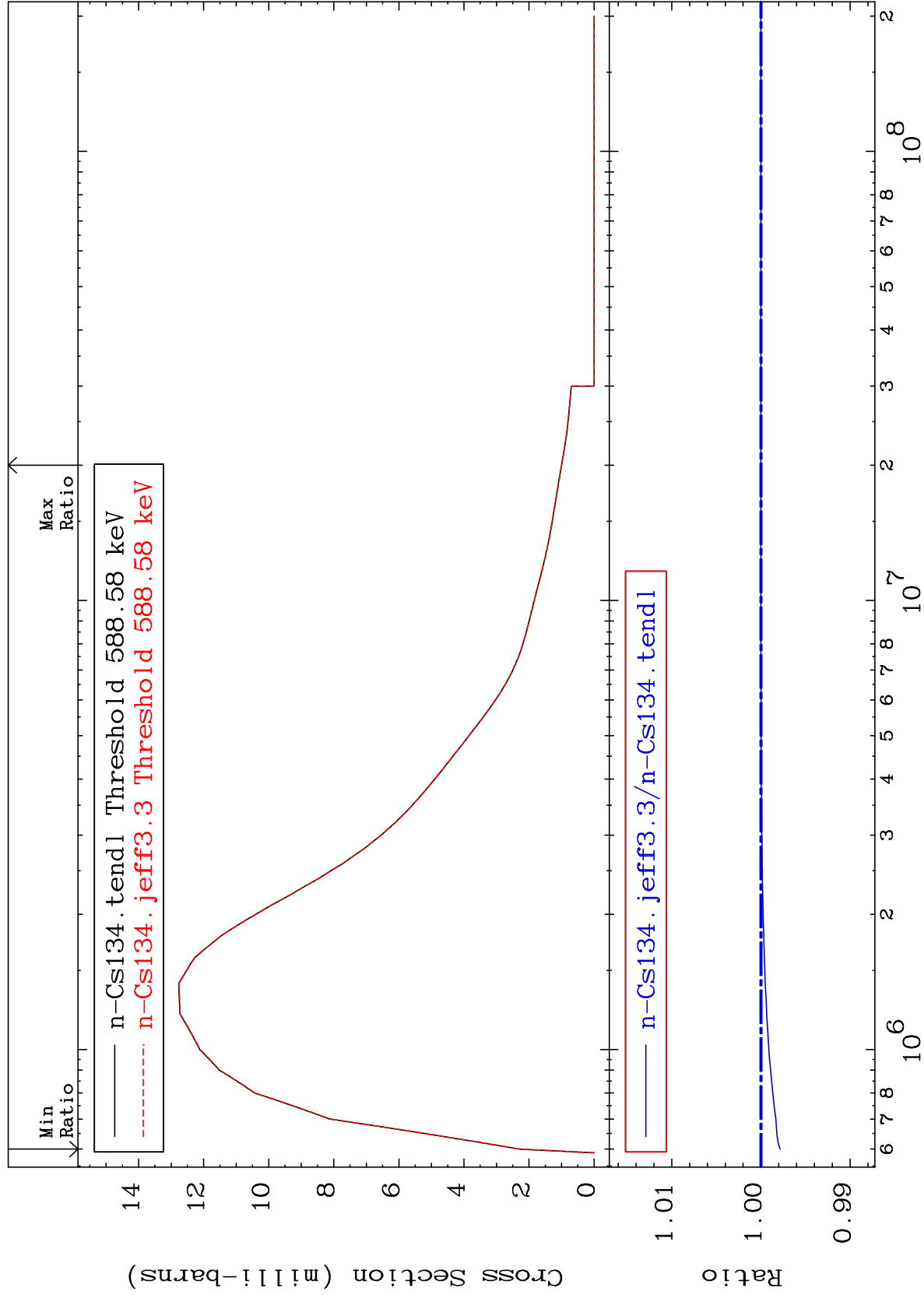
MAT 5528

MT= 79 (n,n') Level

55-Cs-134

-0.215 To 0.000 %

Cross Section



48

Incident Energy (eV)

55-Cs-134

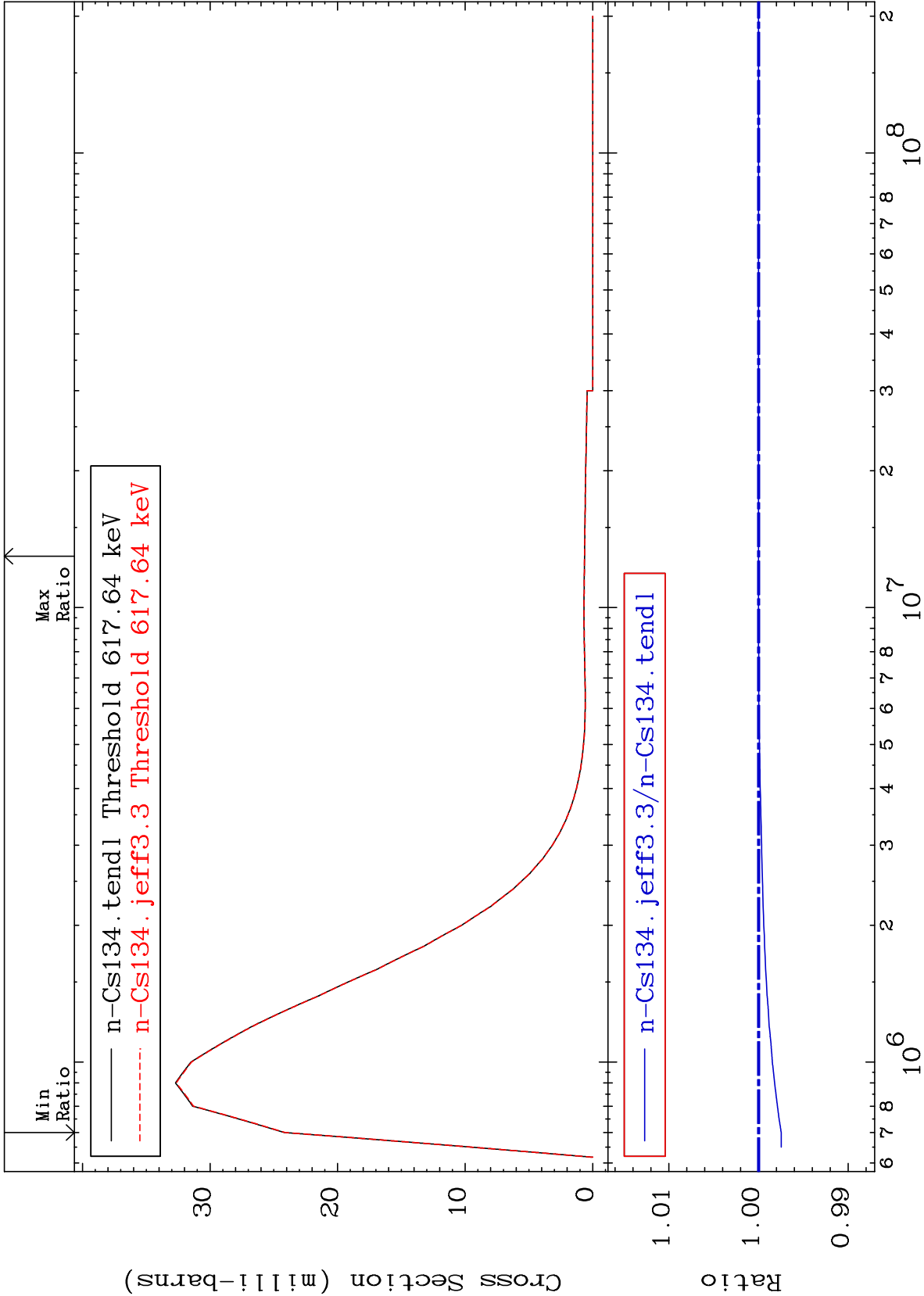
MAT 5528

MT= 80 (n,n') Level

55-Cs-134

-0.253 To 0.000 %

Cross Section



49

Incident Energy (eV)

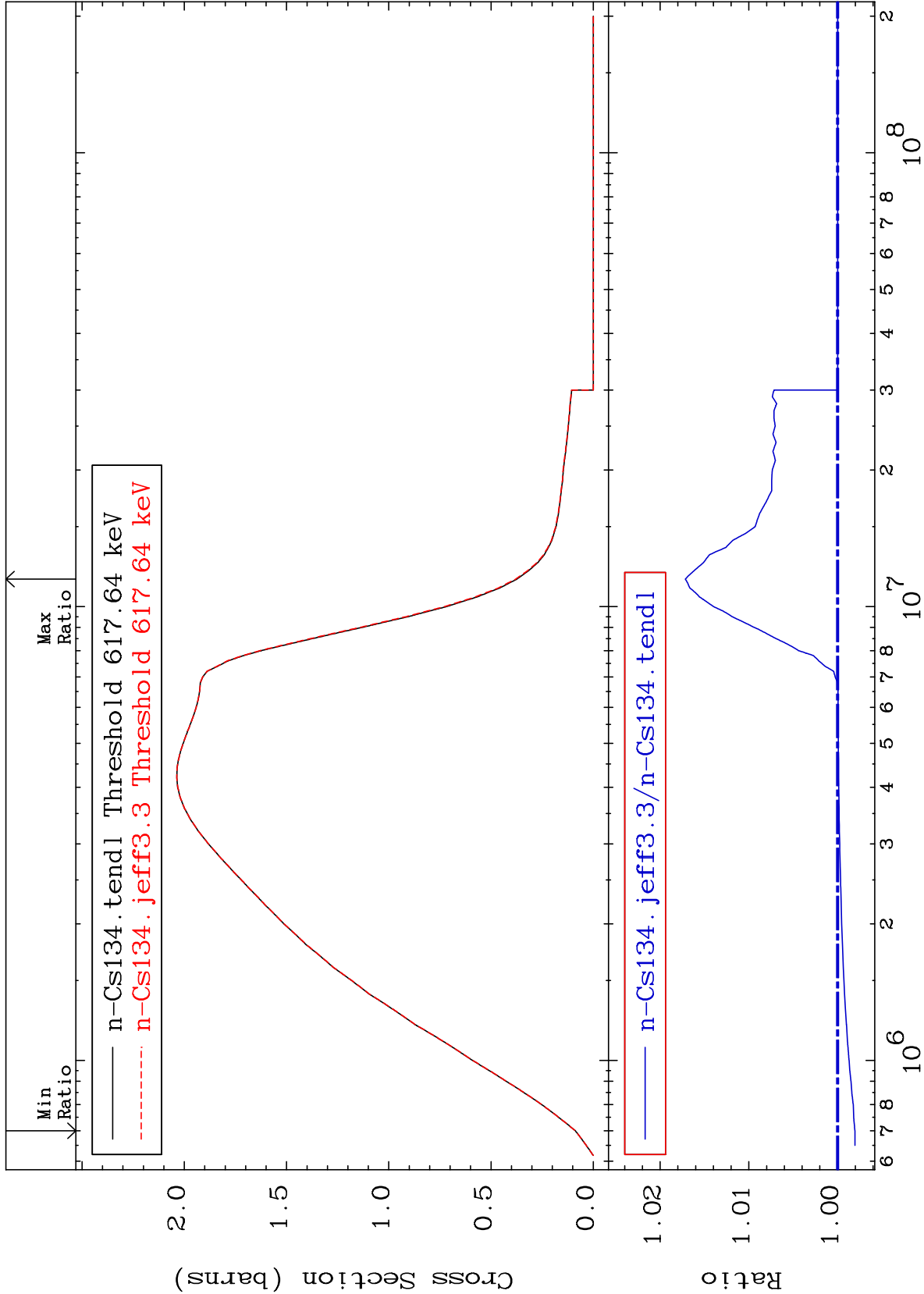
55-Cs-134

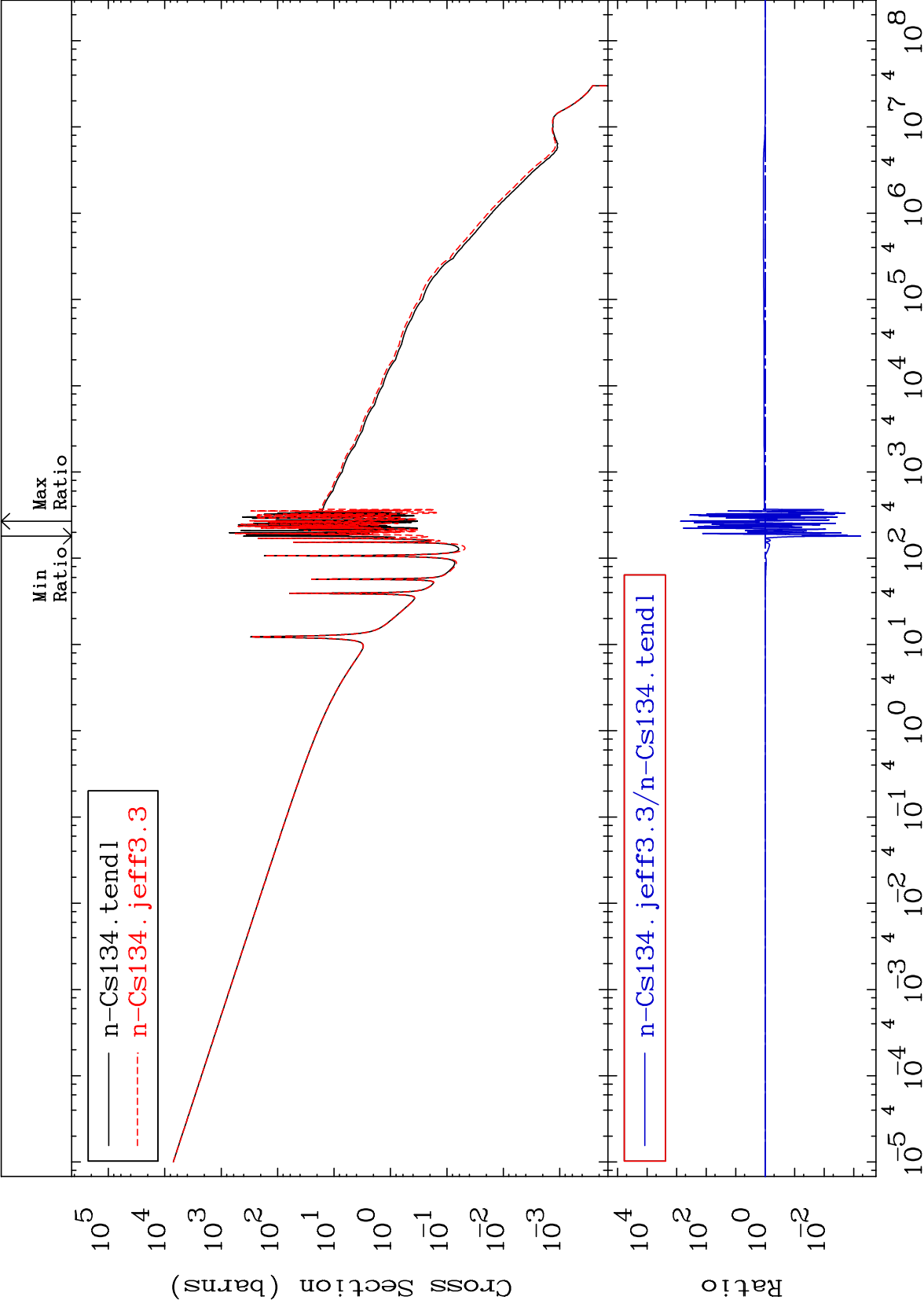
MAT 5528

(n,n') Continuum

55-Cs-134

-0.195 To 1.715 %



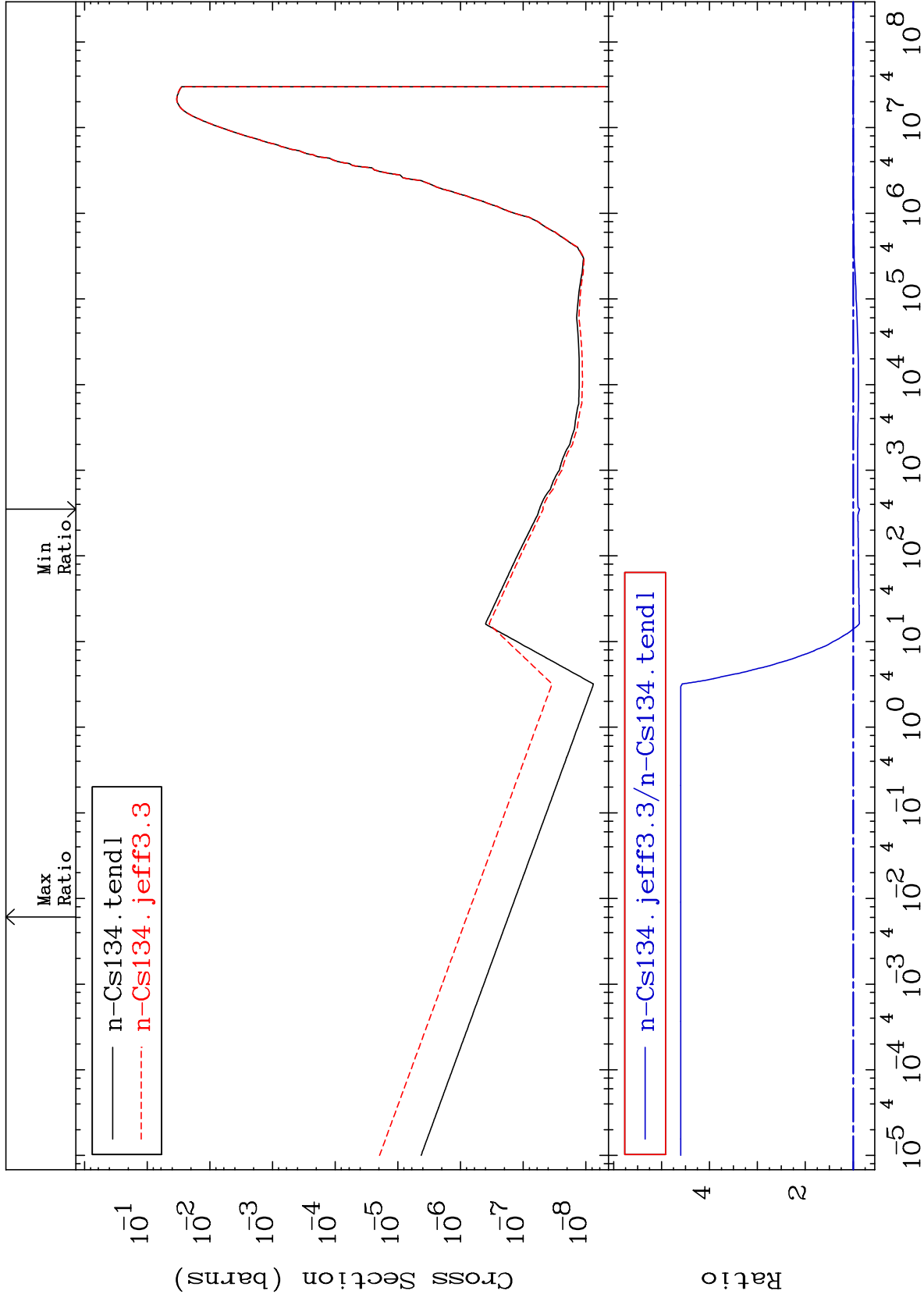


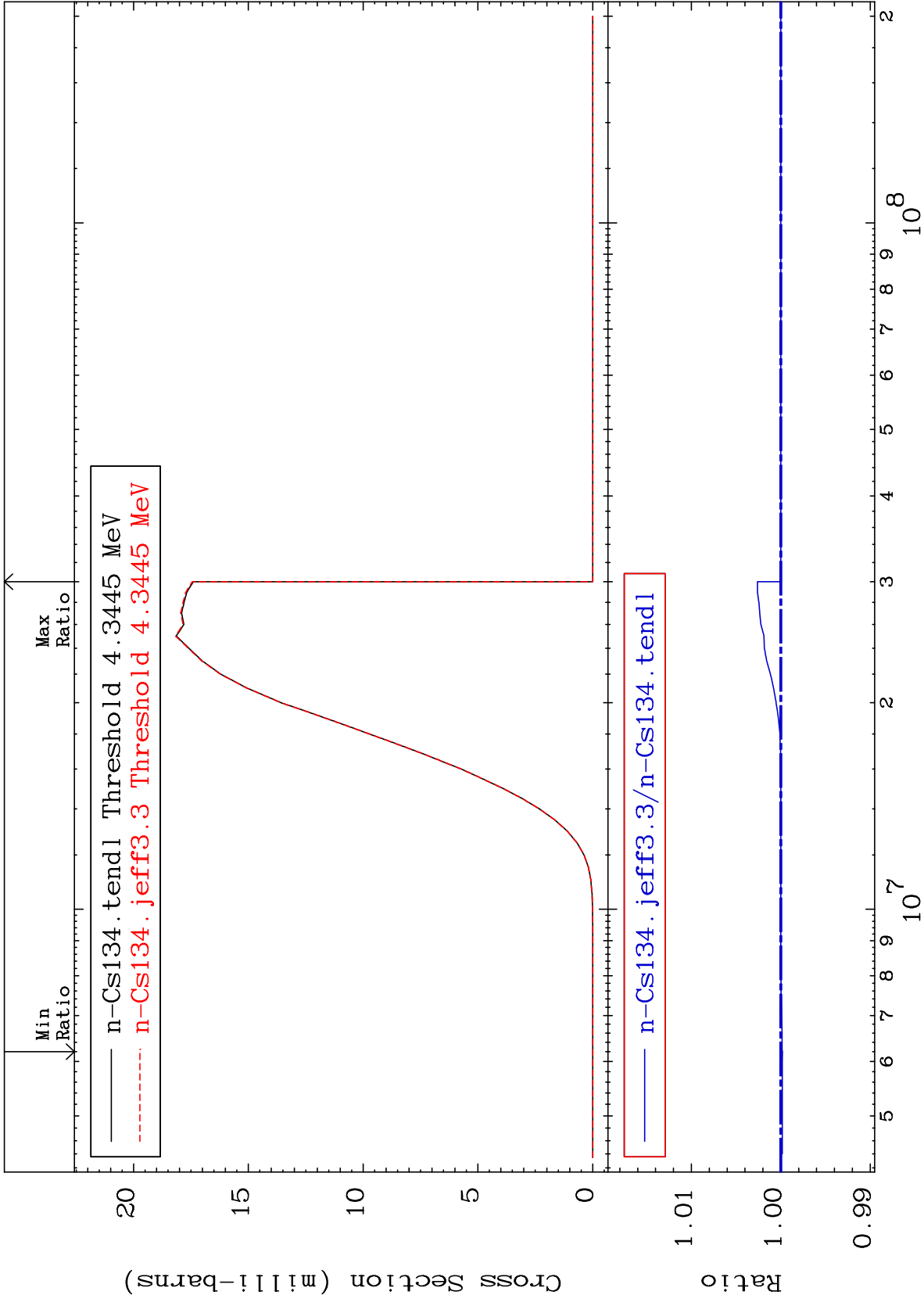
MAT 5528

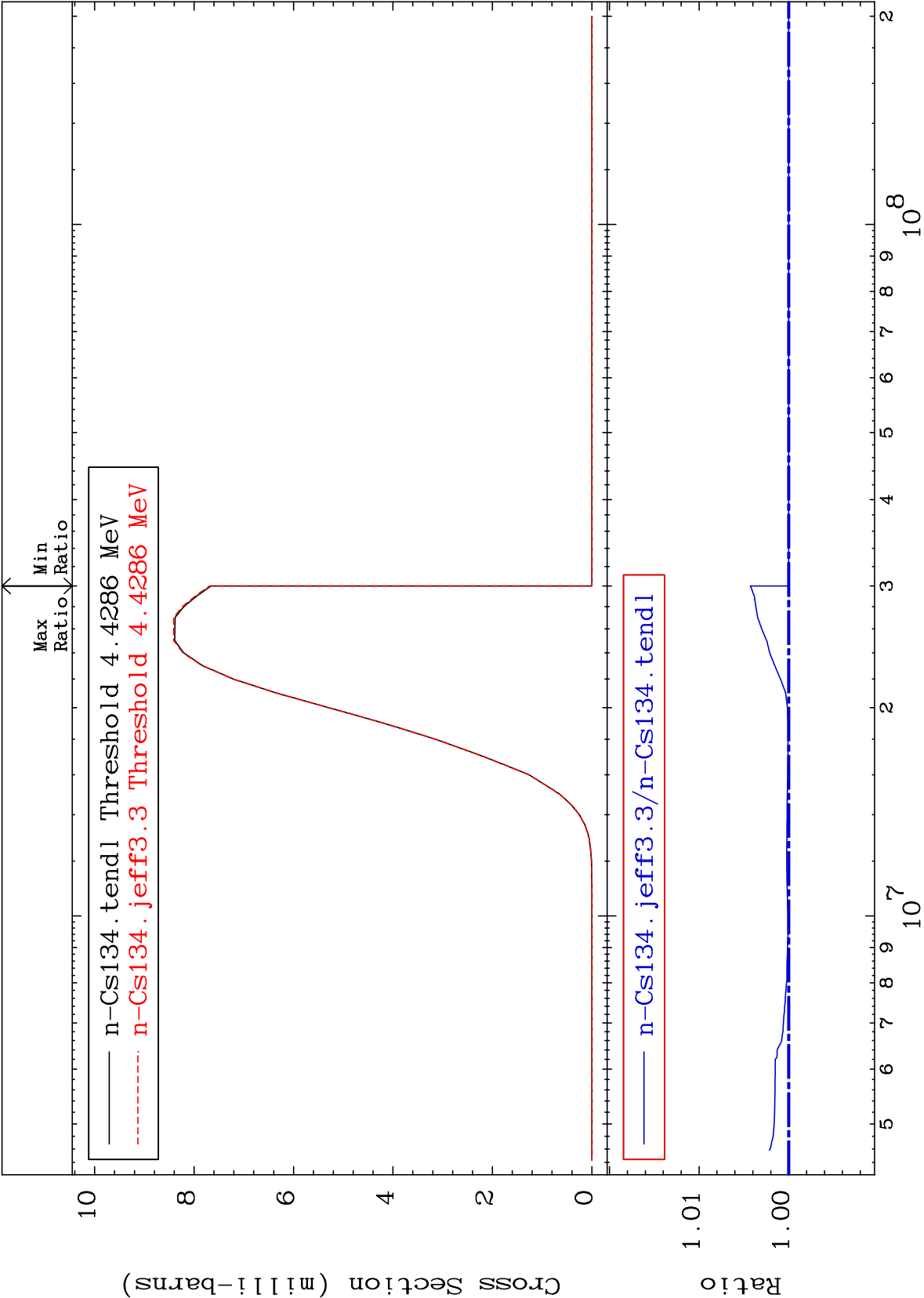
55-Cs-134

(n,p)
Cross Section

-13.21 To 359.8 %







MAT 5528

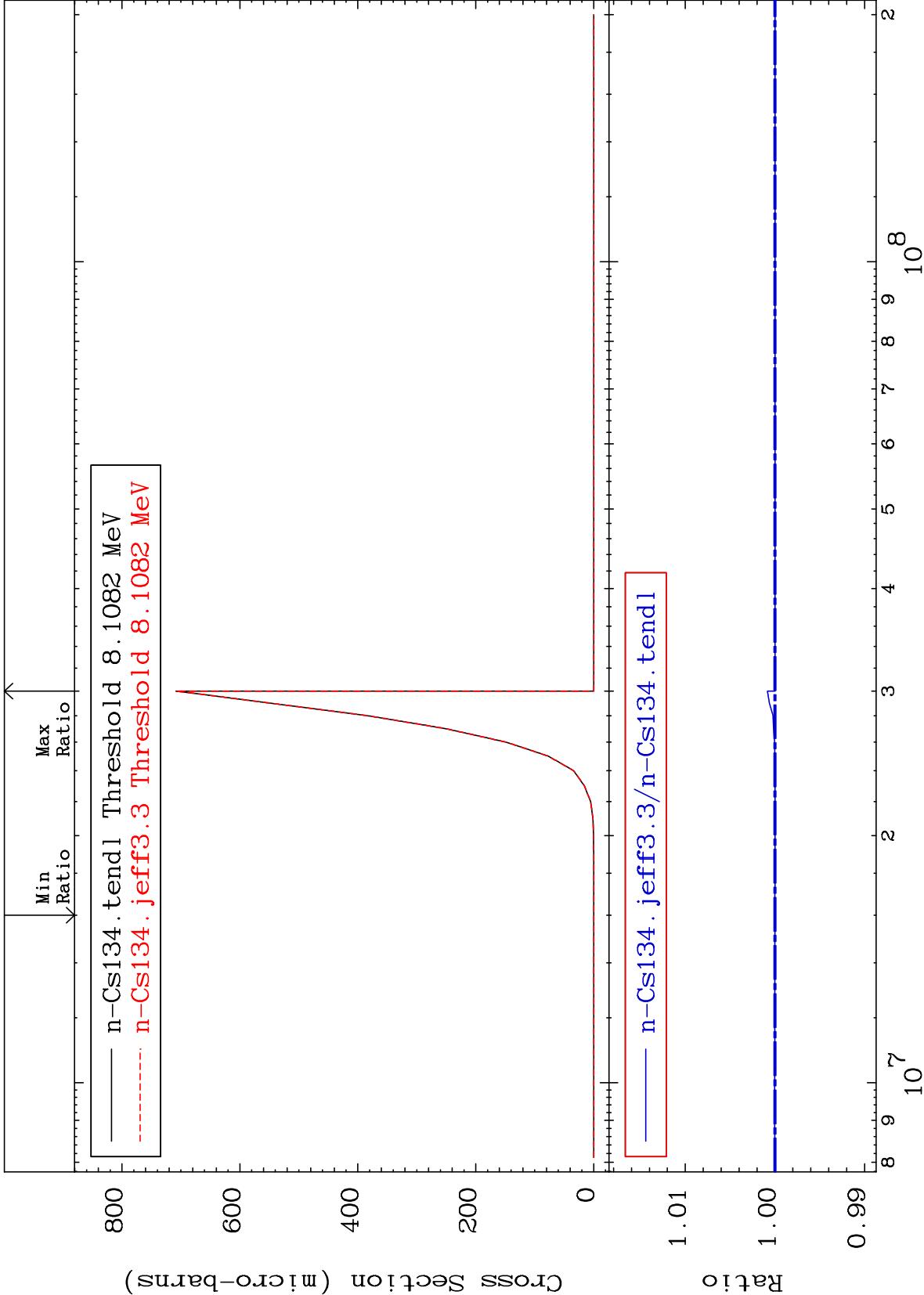
(n,He-3)

55-Cs-134

Cross Section

0.000

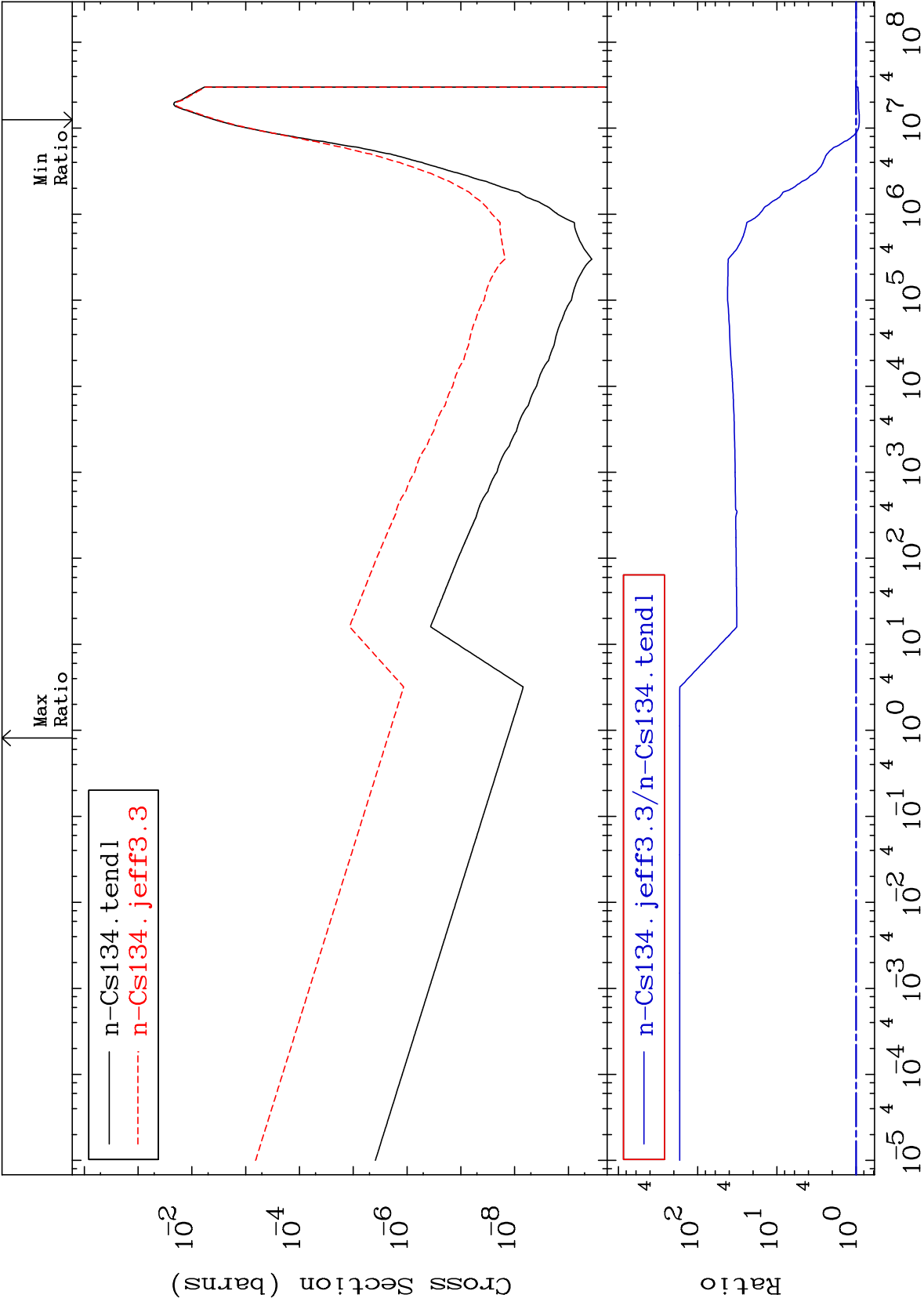
To 0.084 %

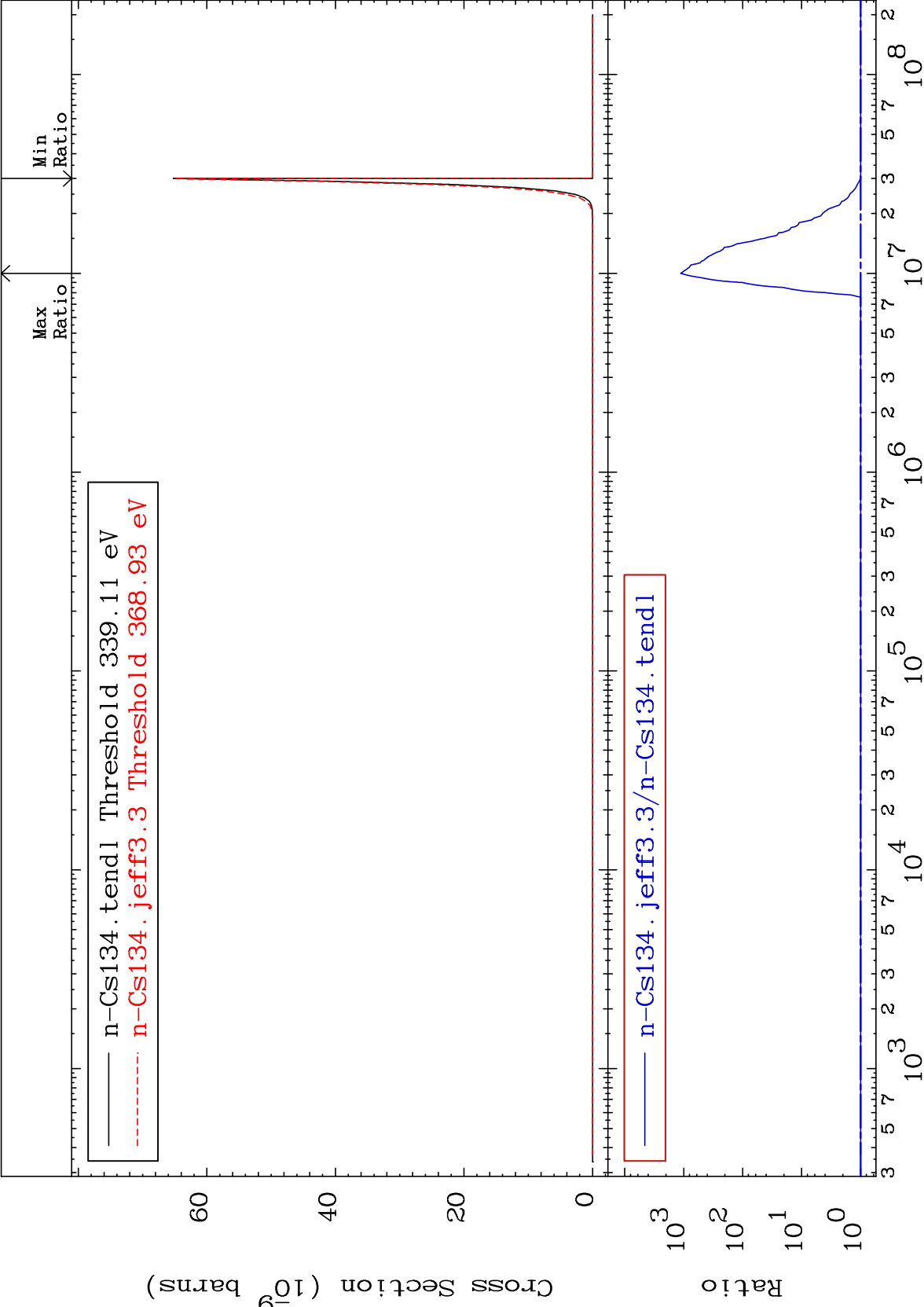


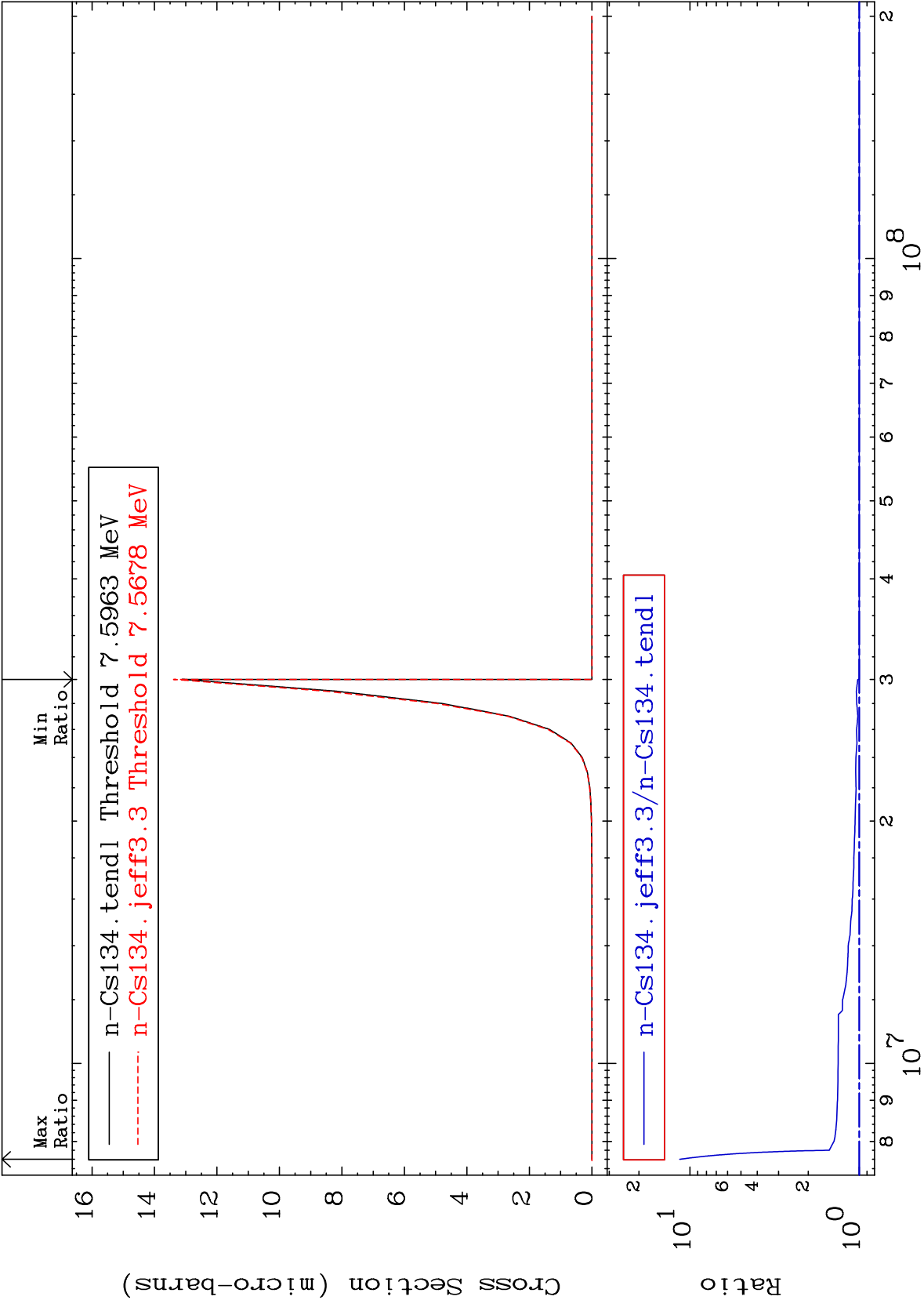
55

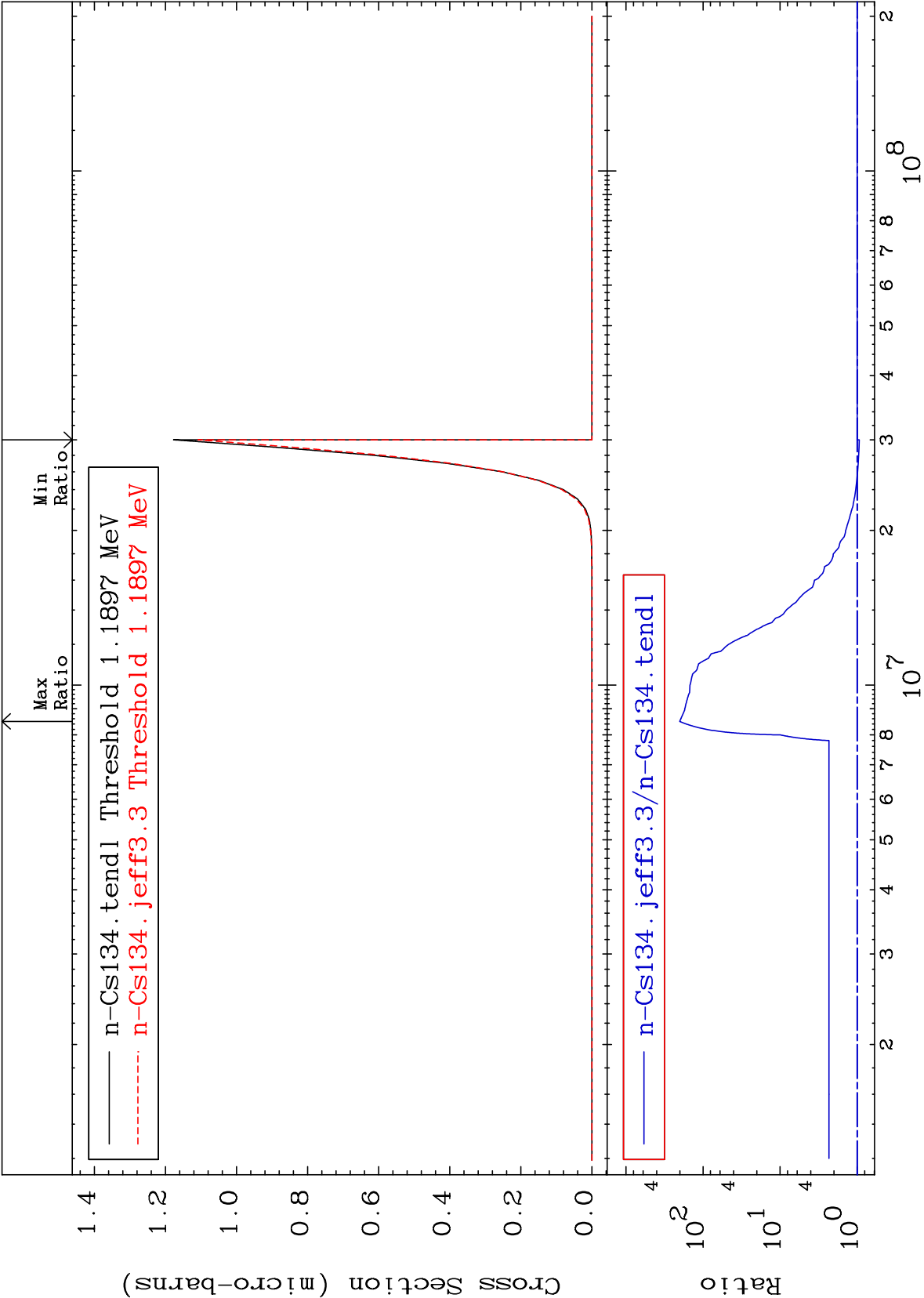
Incident Energy (eV)

55-Cs-134





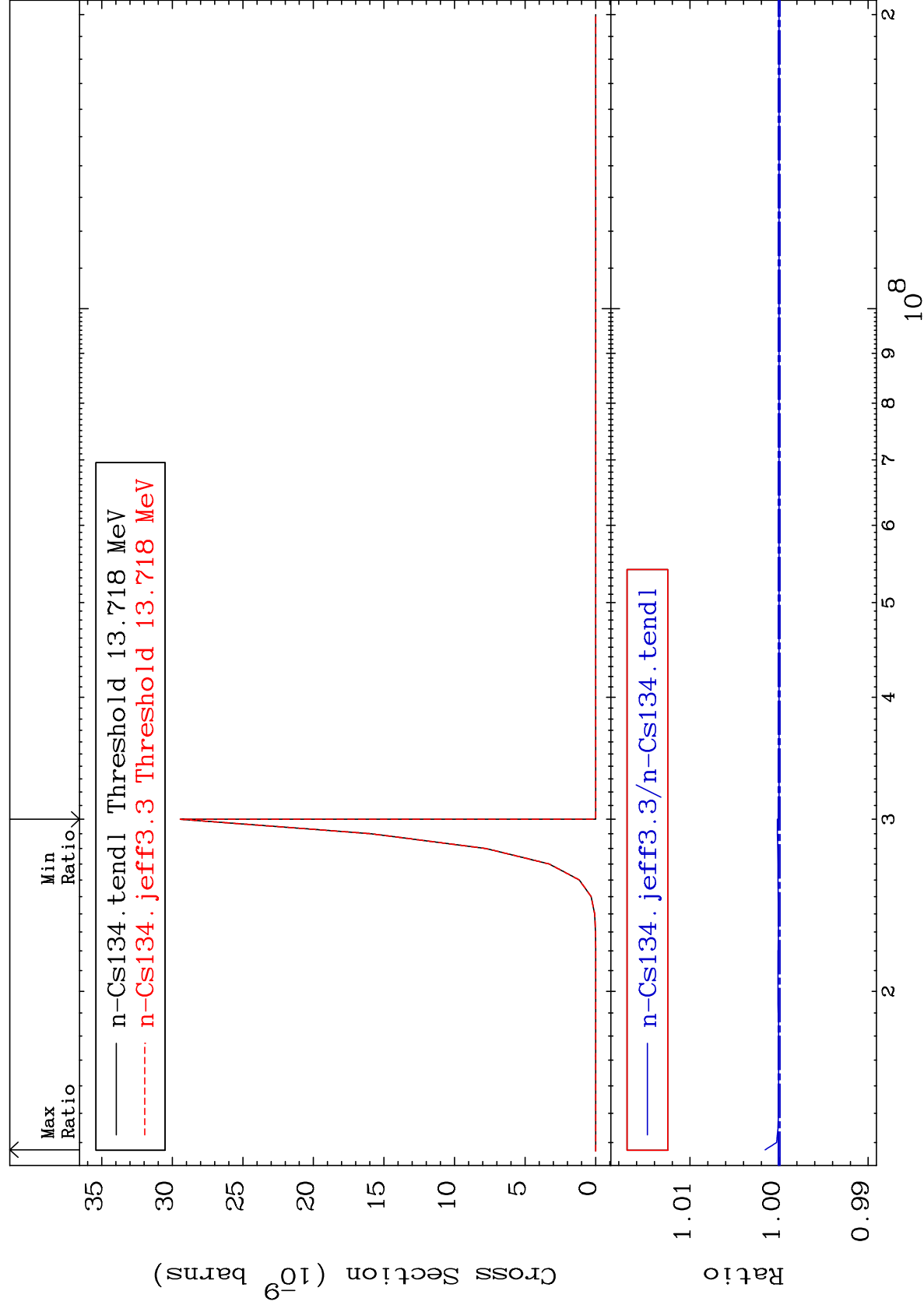




MAT 5528

$$(n, p)_t$$

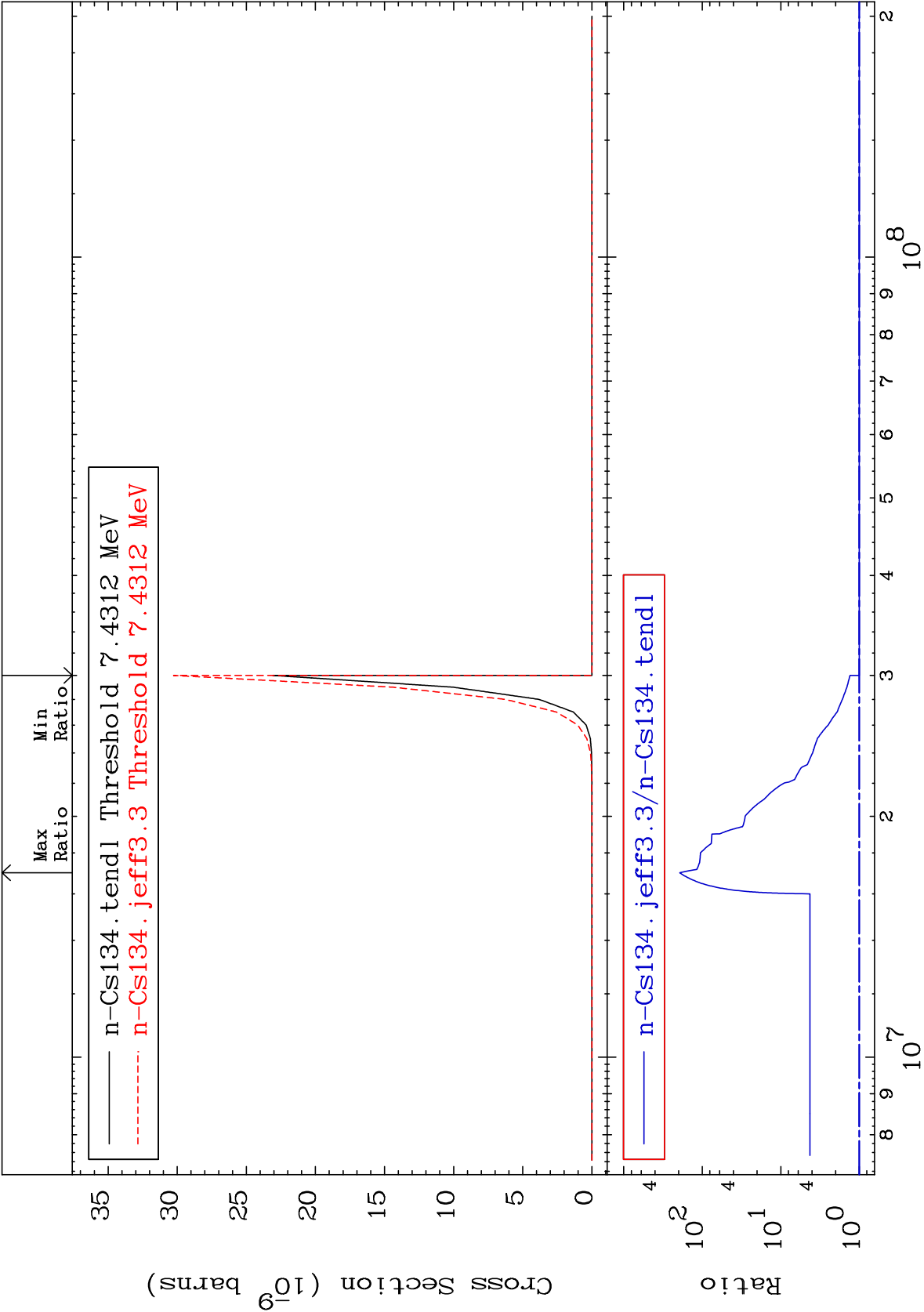
0.000 To 0.158 % 55-Cs-134

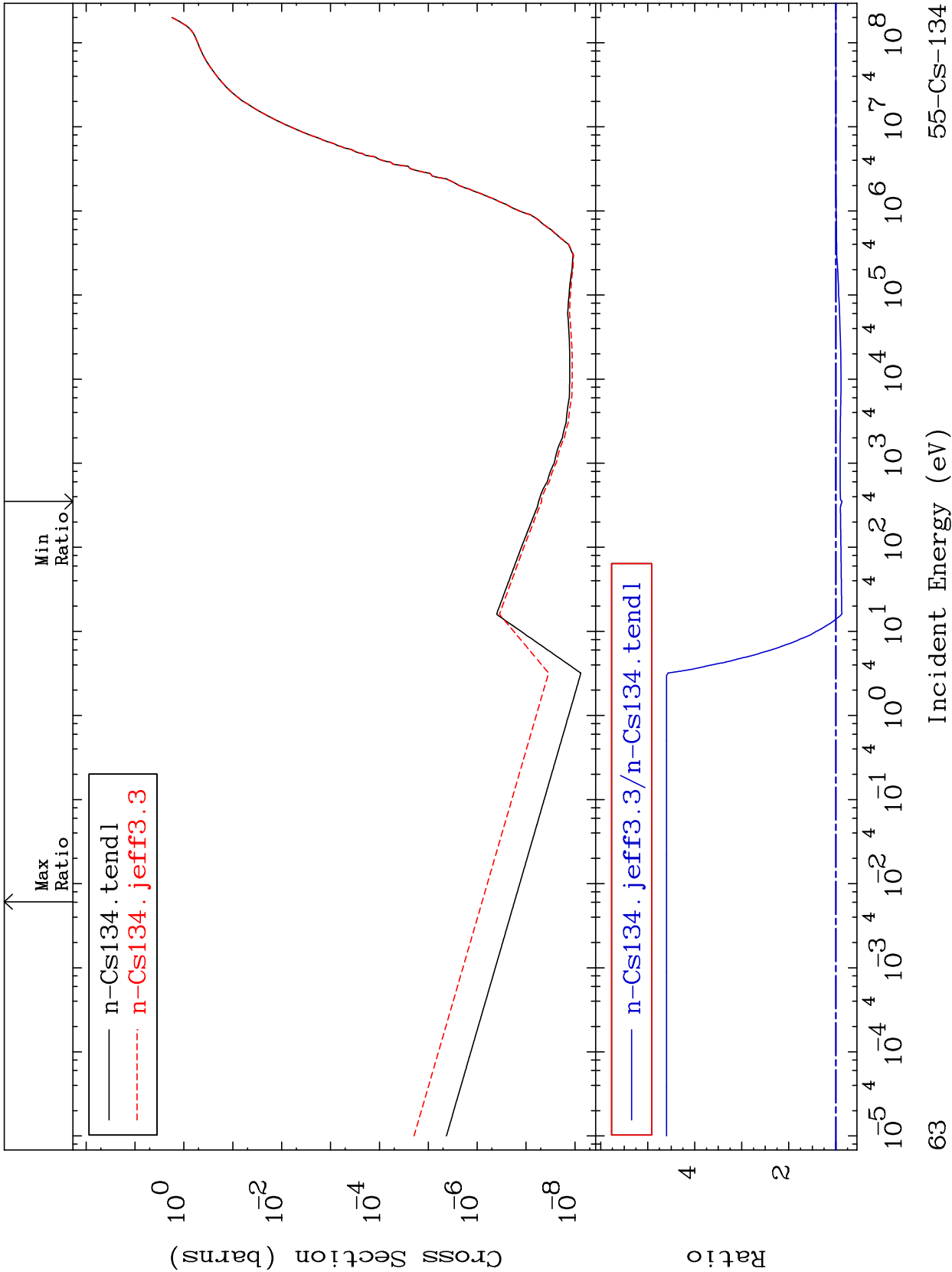


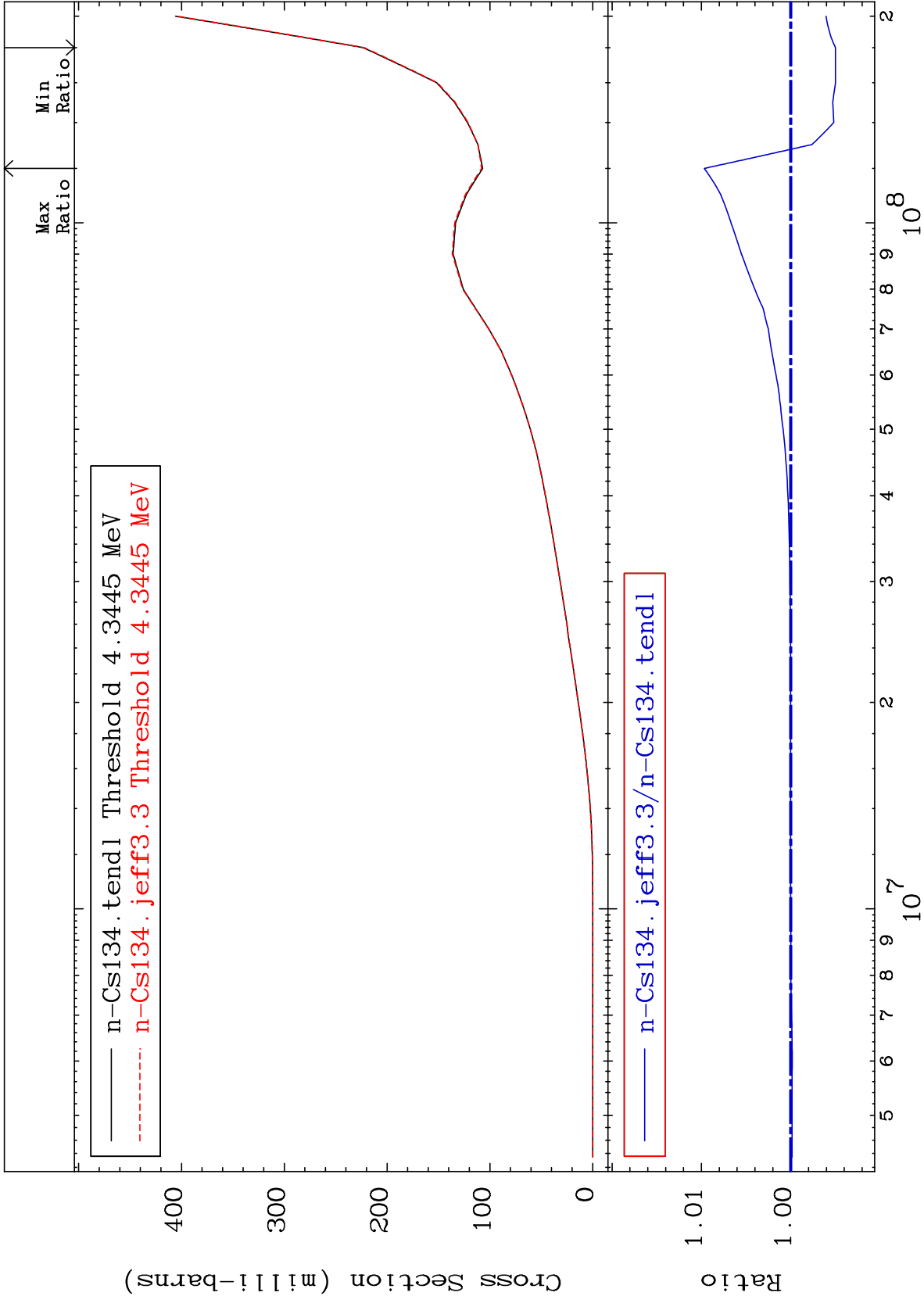
61

Incident Energy (eV)

55-Cs-134



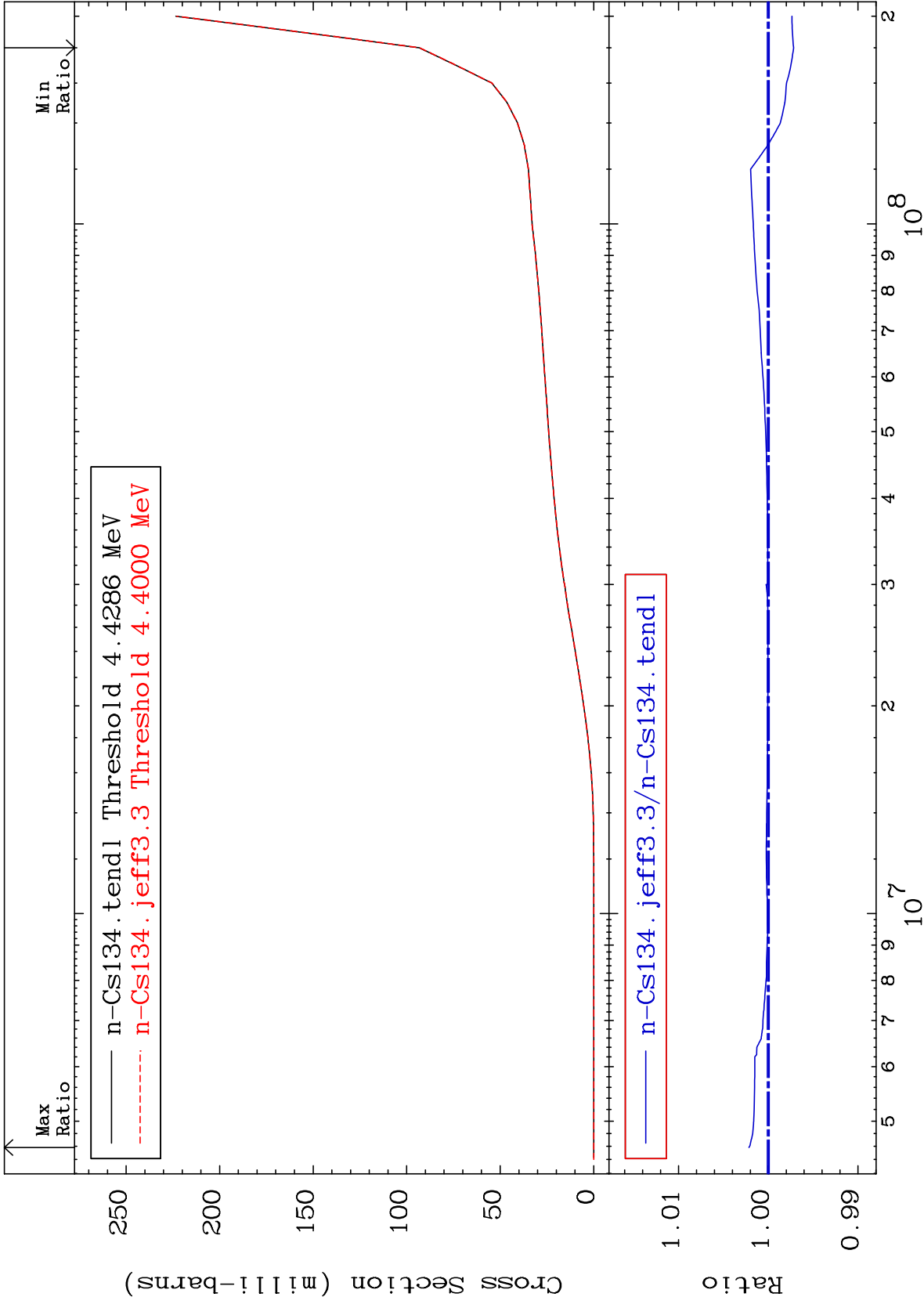




MAT 5528

Tritium Production
Cross Section

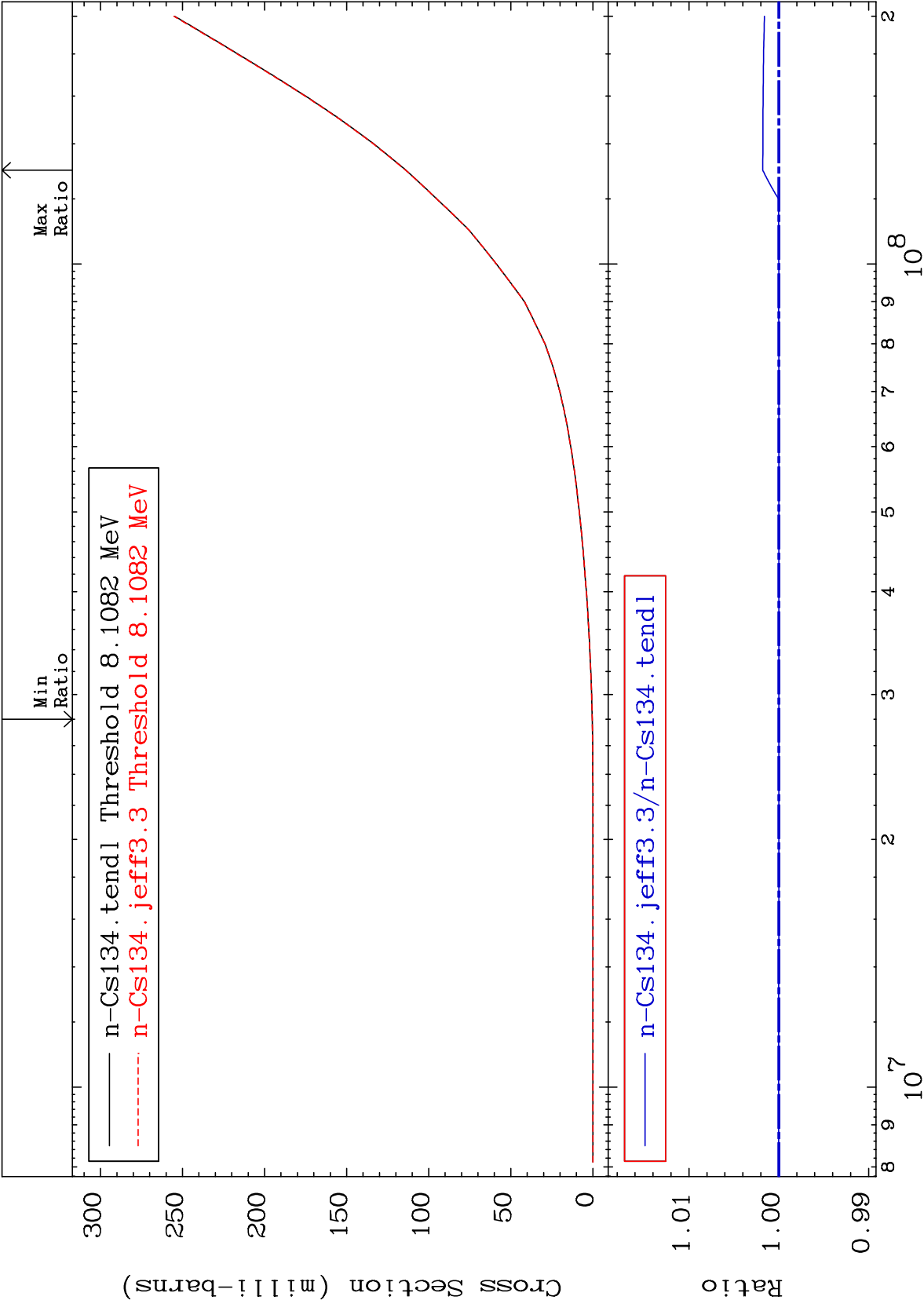
55-Cs-134
-0.282 To 0.216 %



MAT 5528

He-3 Production
Cross Section

55-Cs-134
To 0.178 %



66

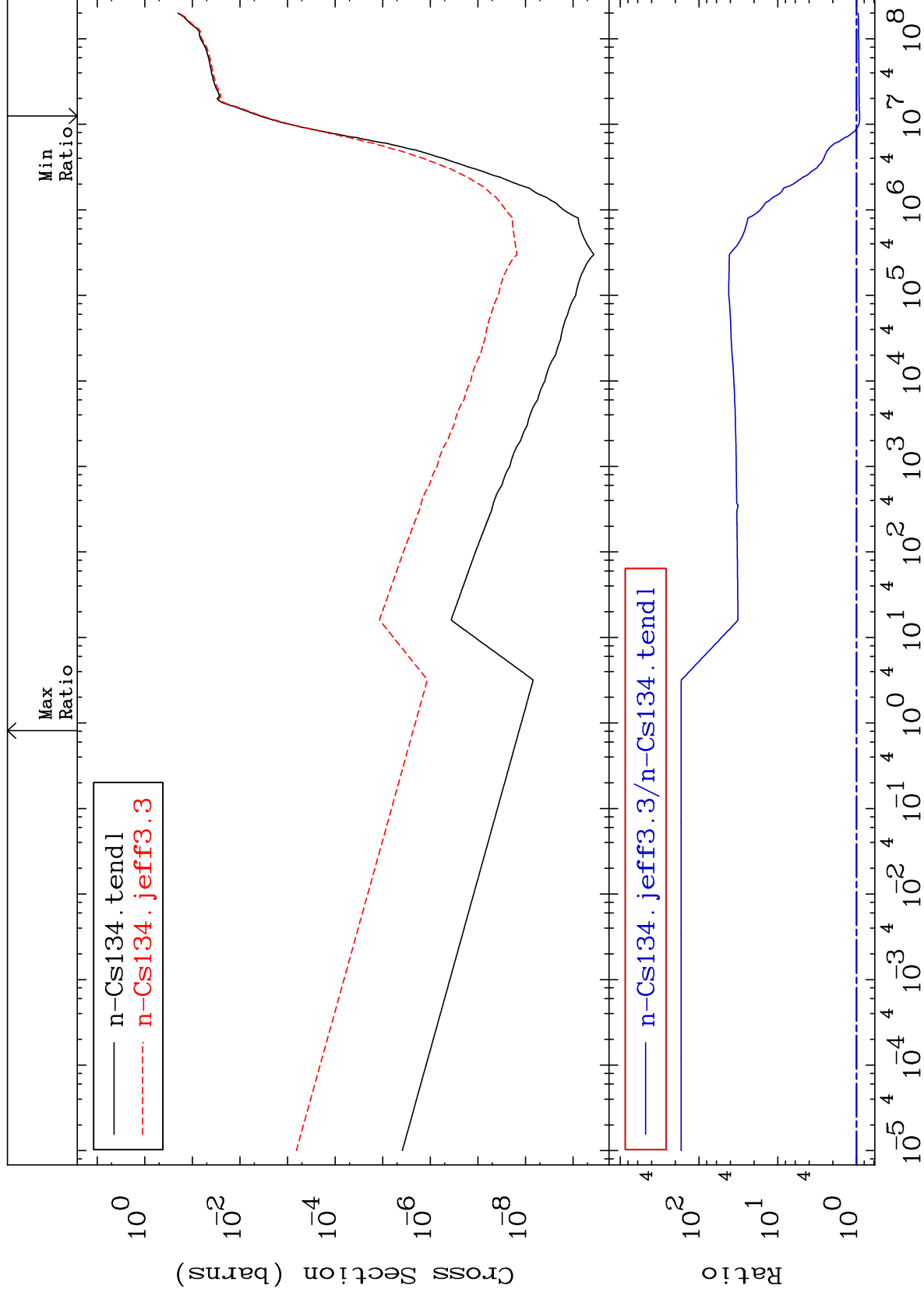
Incident Energy (eV)

55-Cs-134

MAT 5528

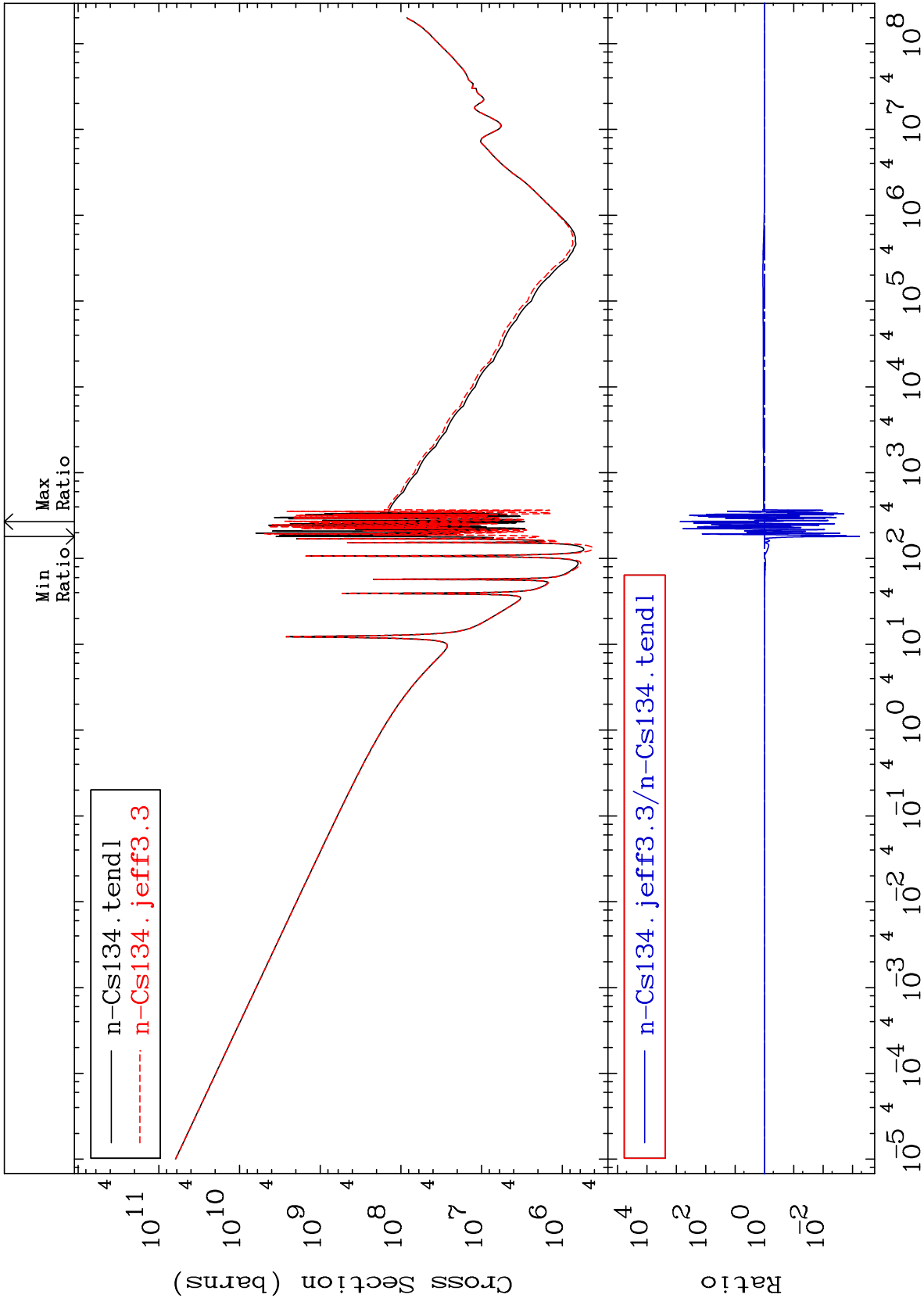
He-4 Production
Cross Section

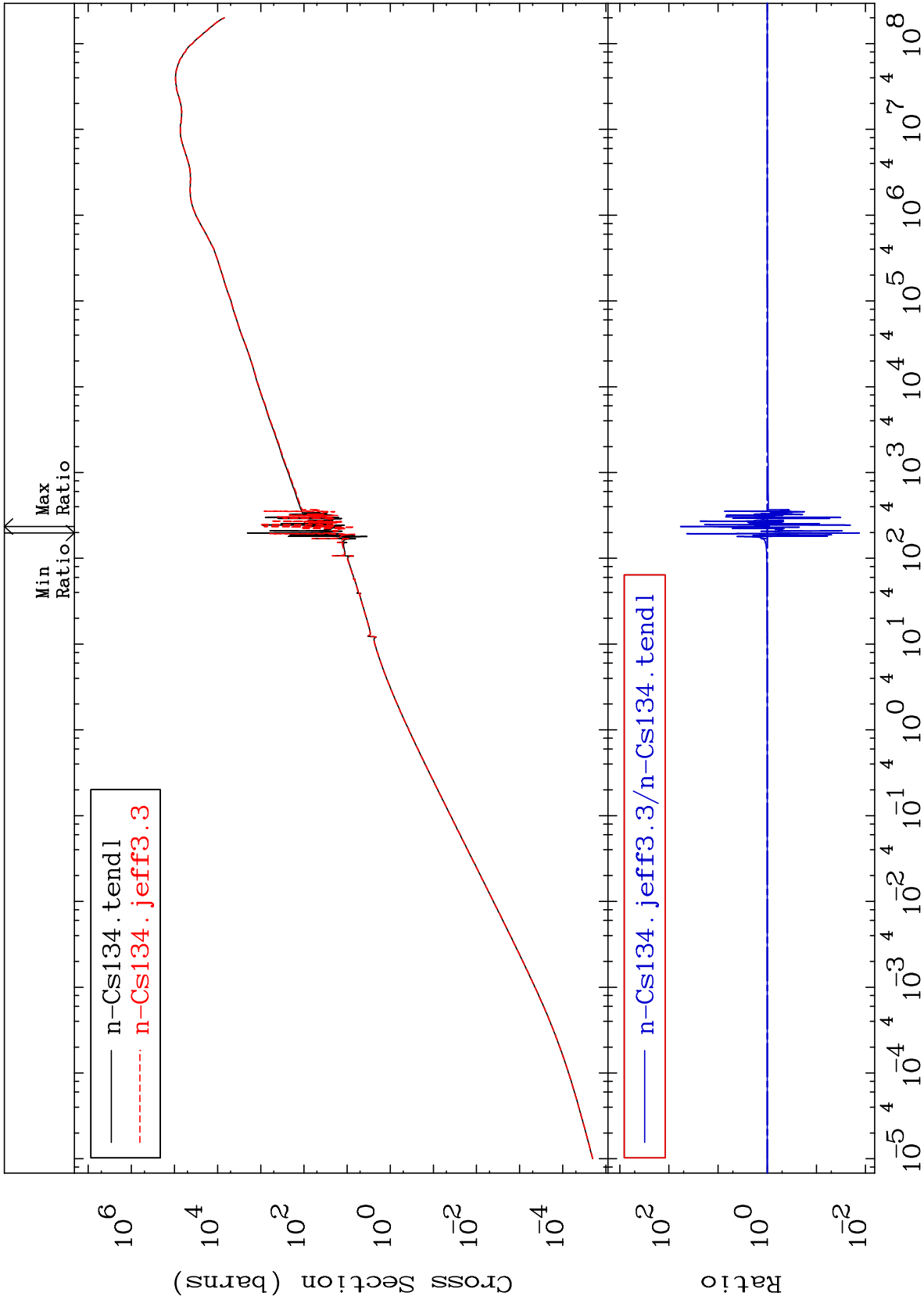
55-Cs-134
-8.655 To 9999. %



Incident Energy (eV)

55-Cs-134





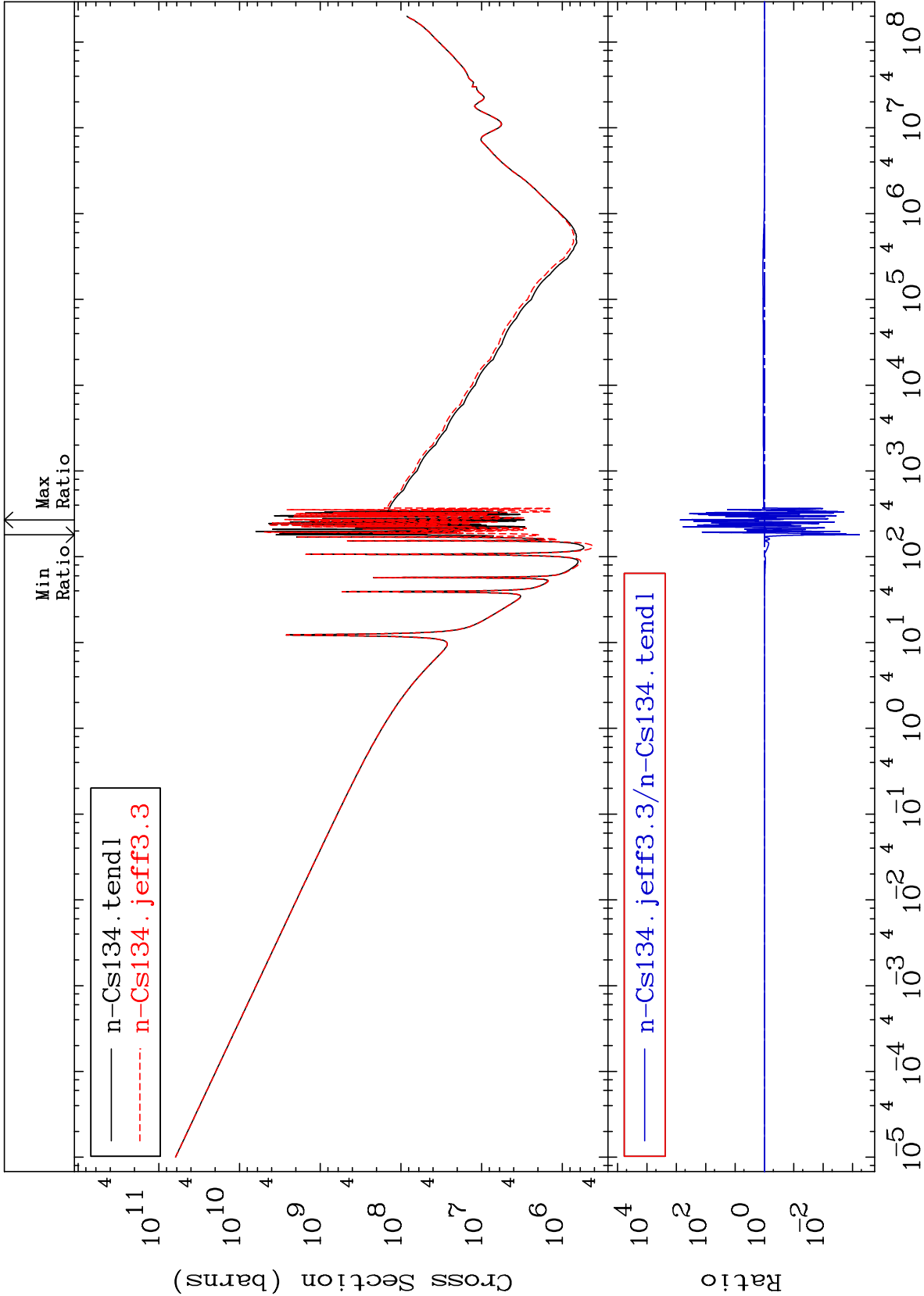
MAT 5528

Kerma non-elastic (all but mt2)

55-Cs-134

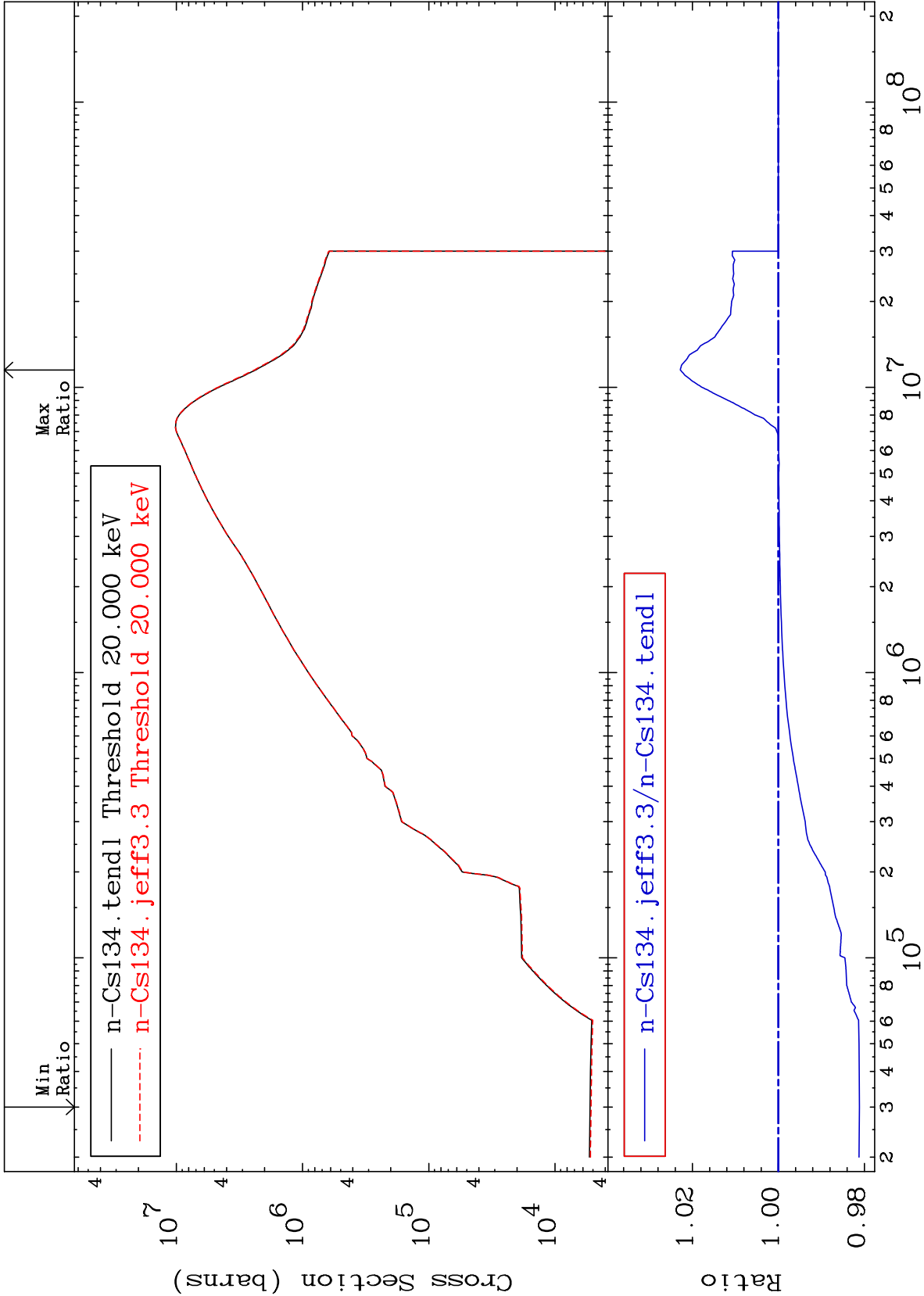
-99.94 To 9999. %

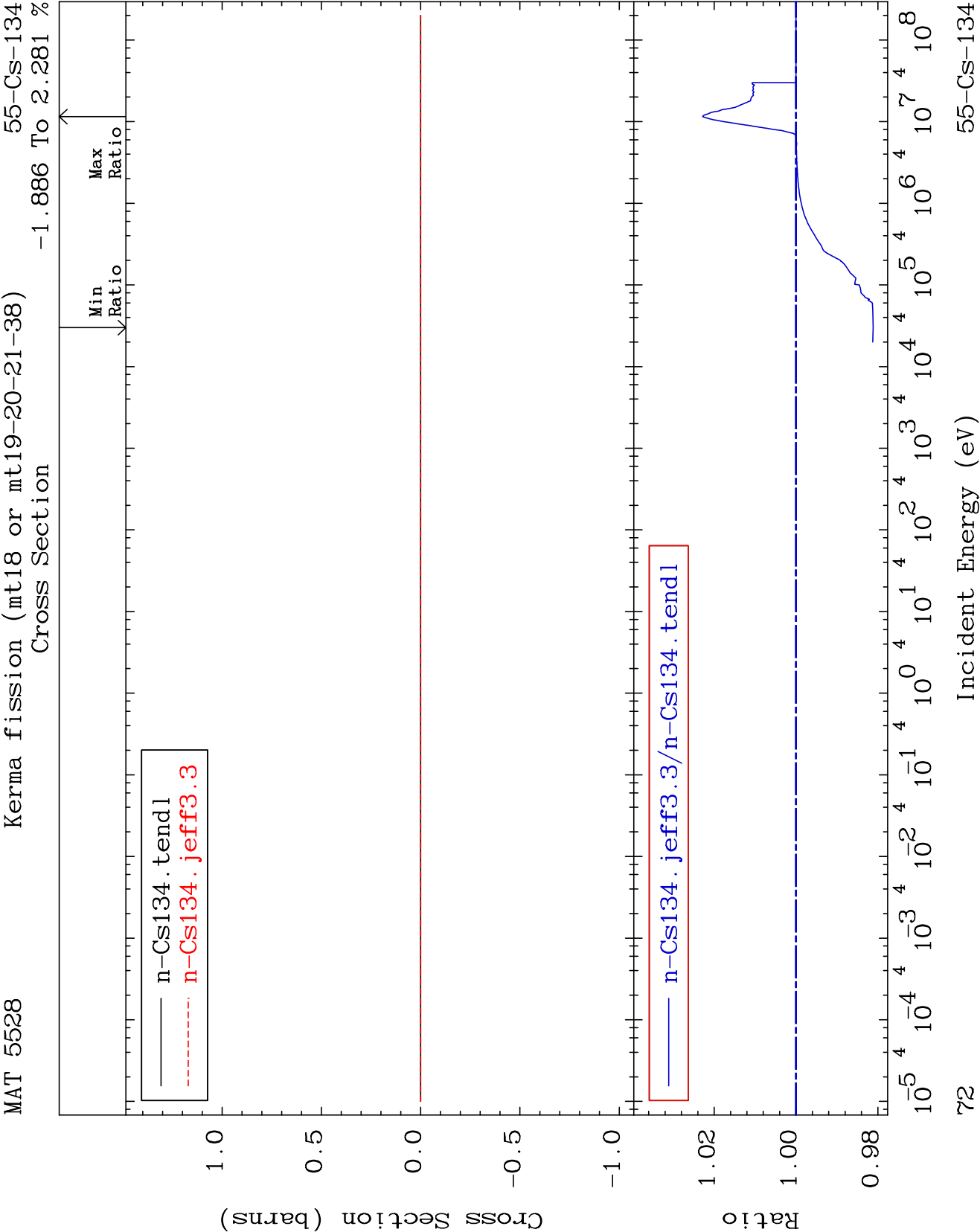
Cross Section

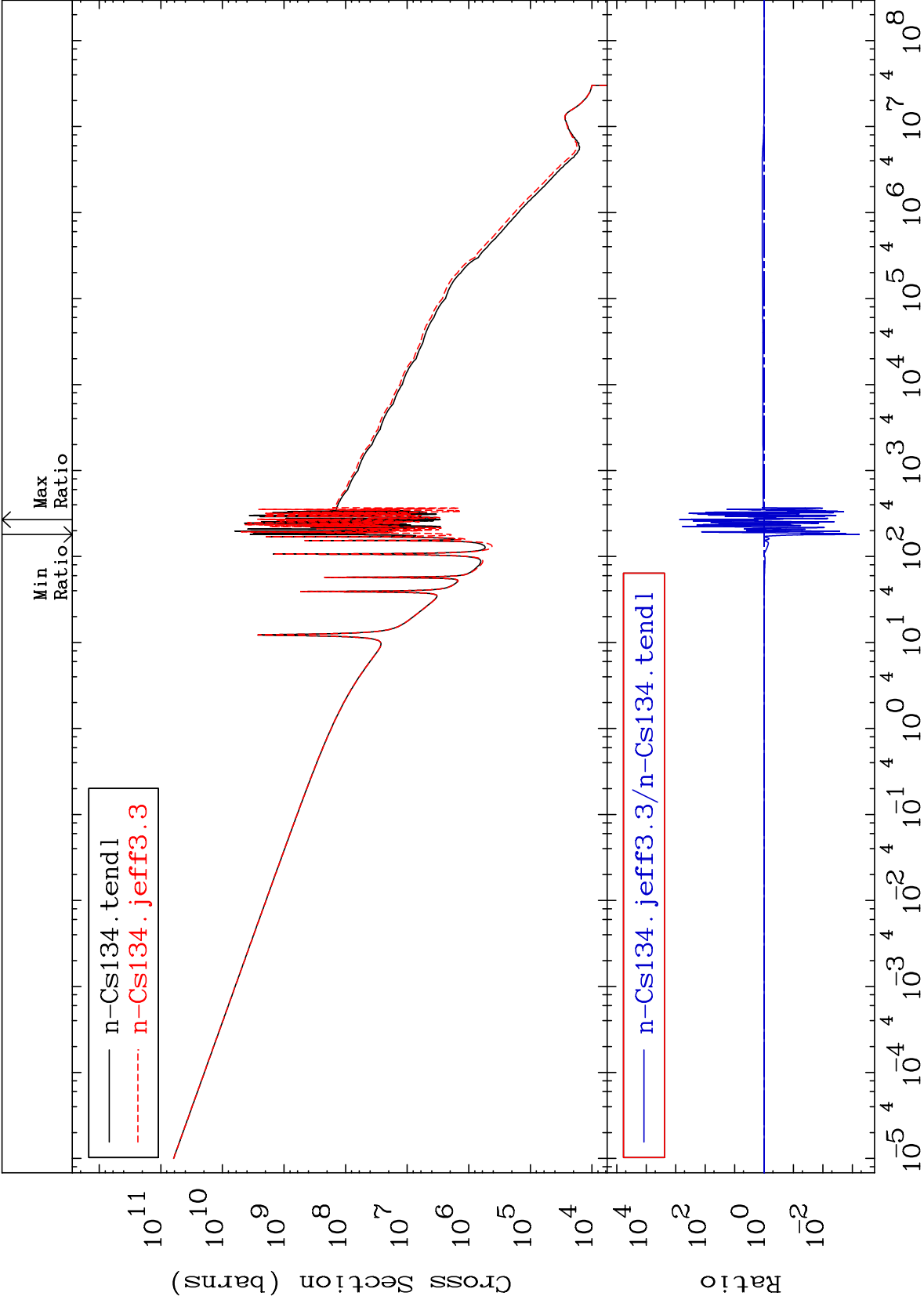


Cross Section

-1.886 To 2.281 %







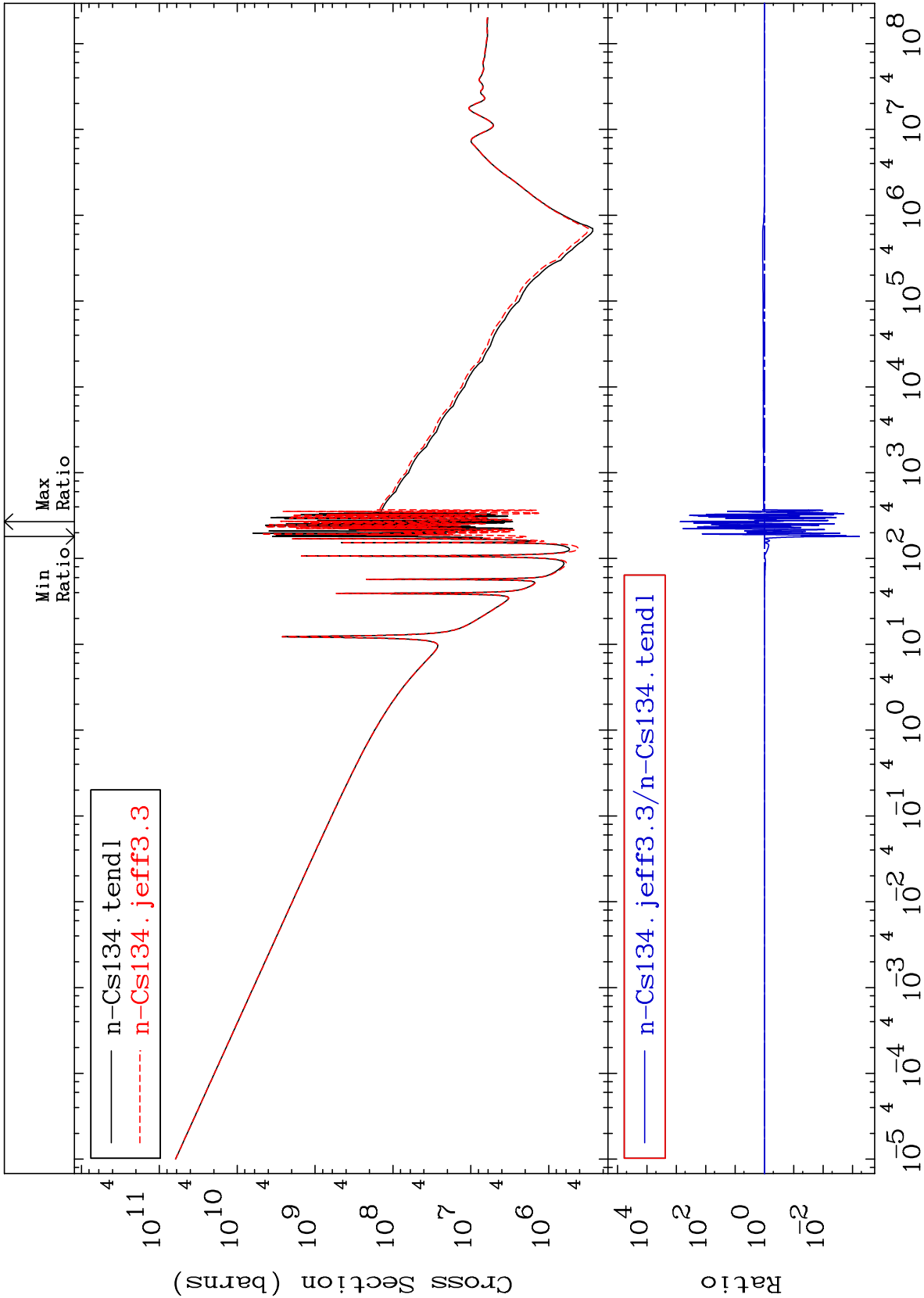
MAT 5528

Total photon (eV-barns)

55-Cs-134

Cross Section

-99.94 To 9999. %



74

Incident Energy (eV)

55-Cs-134

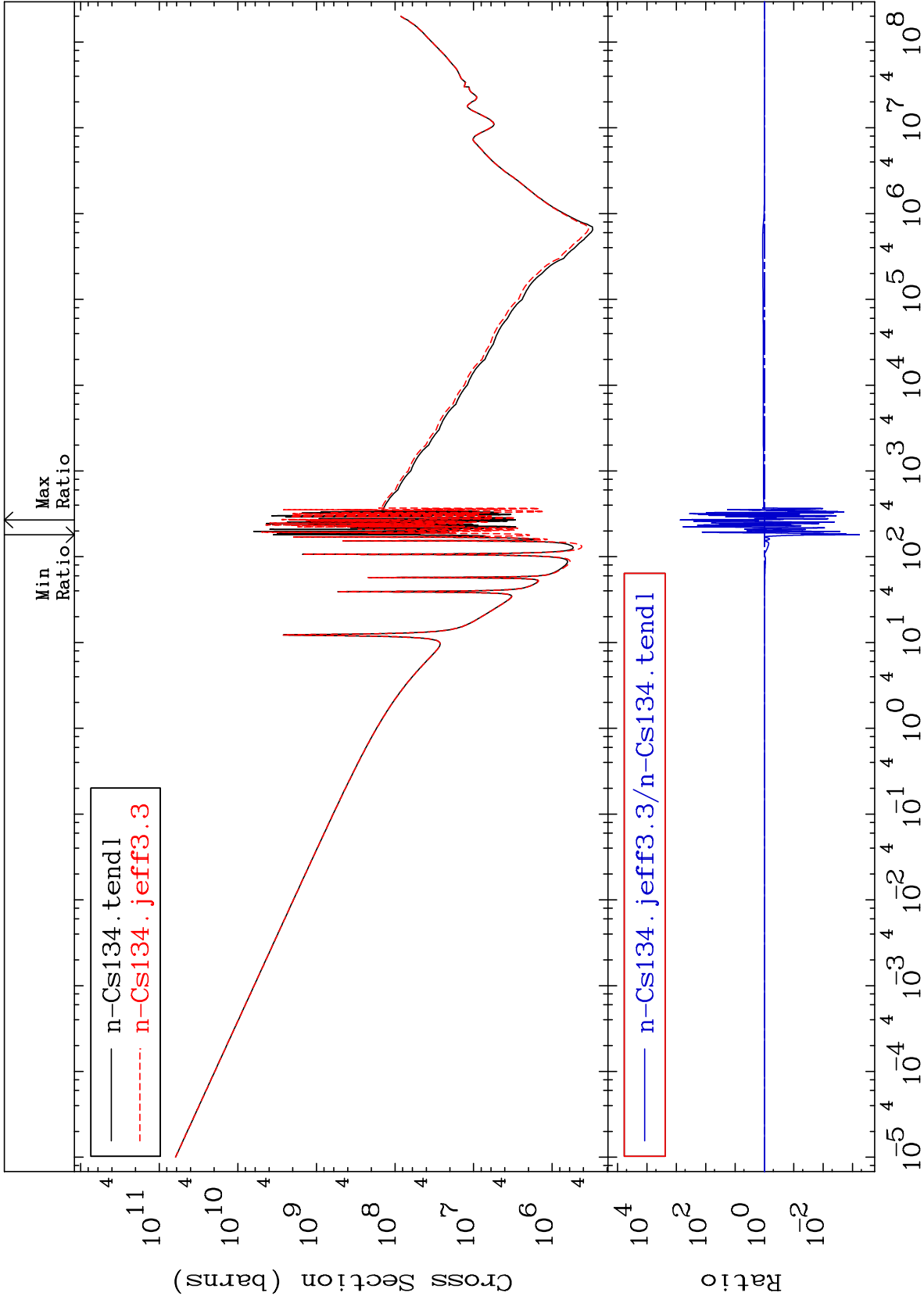
MAT 5528

Total kinematic kerma (high limit)

55-Cs-134

-99.94 To 9999. %

Cross Section



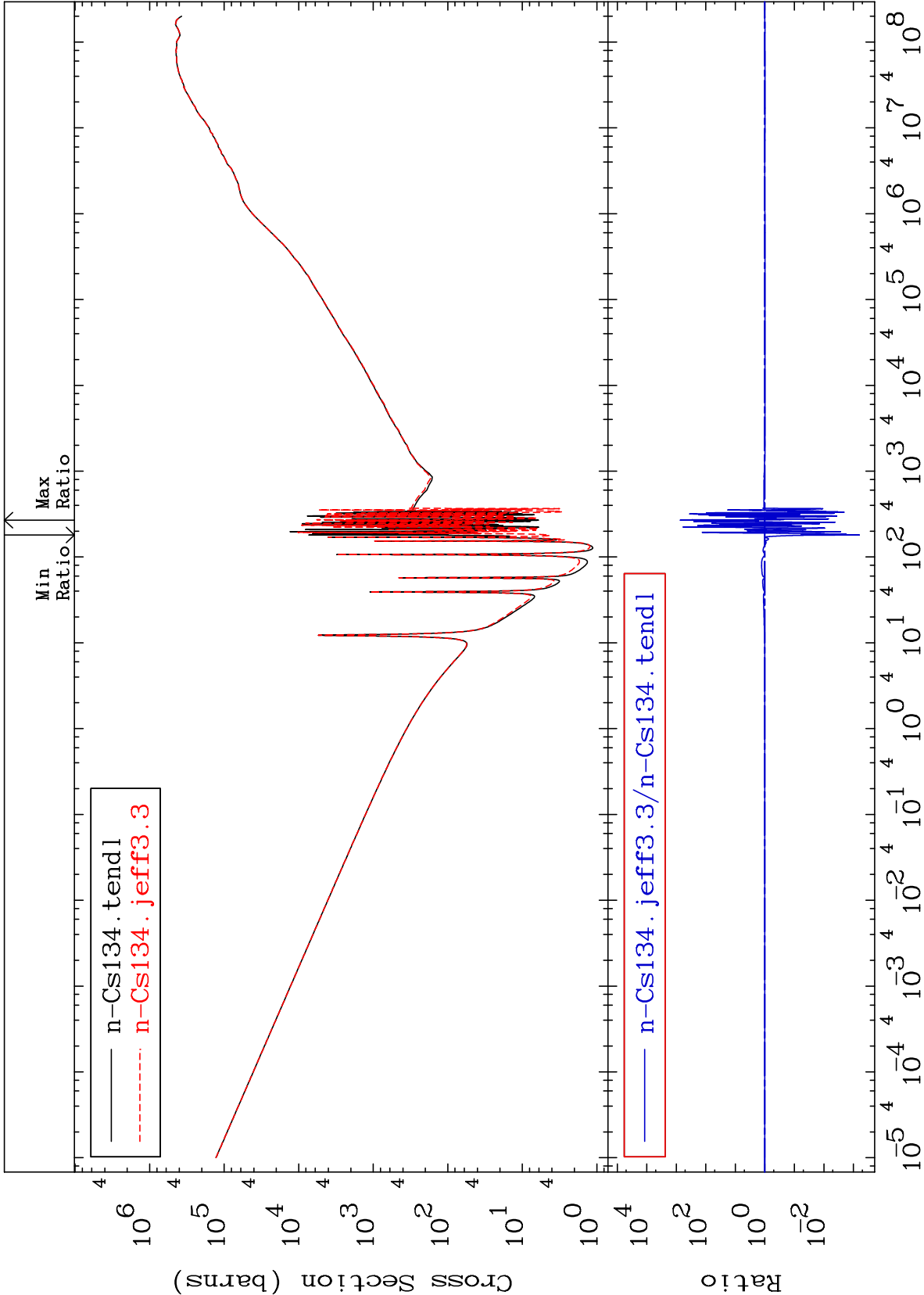
MAT 5528

Dpa total (eV-barns)

55-Cs-134

-99.94 To 9999. %

Cross Section



76

Incident Energy (eV)

55-Cs-134

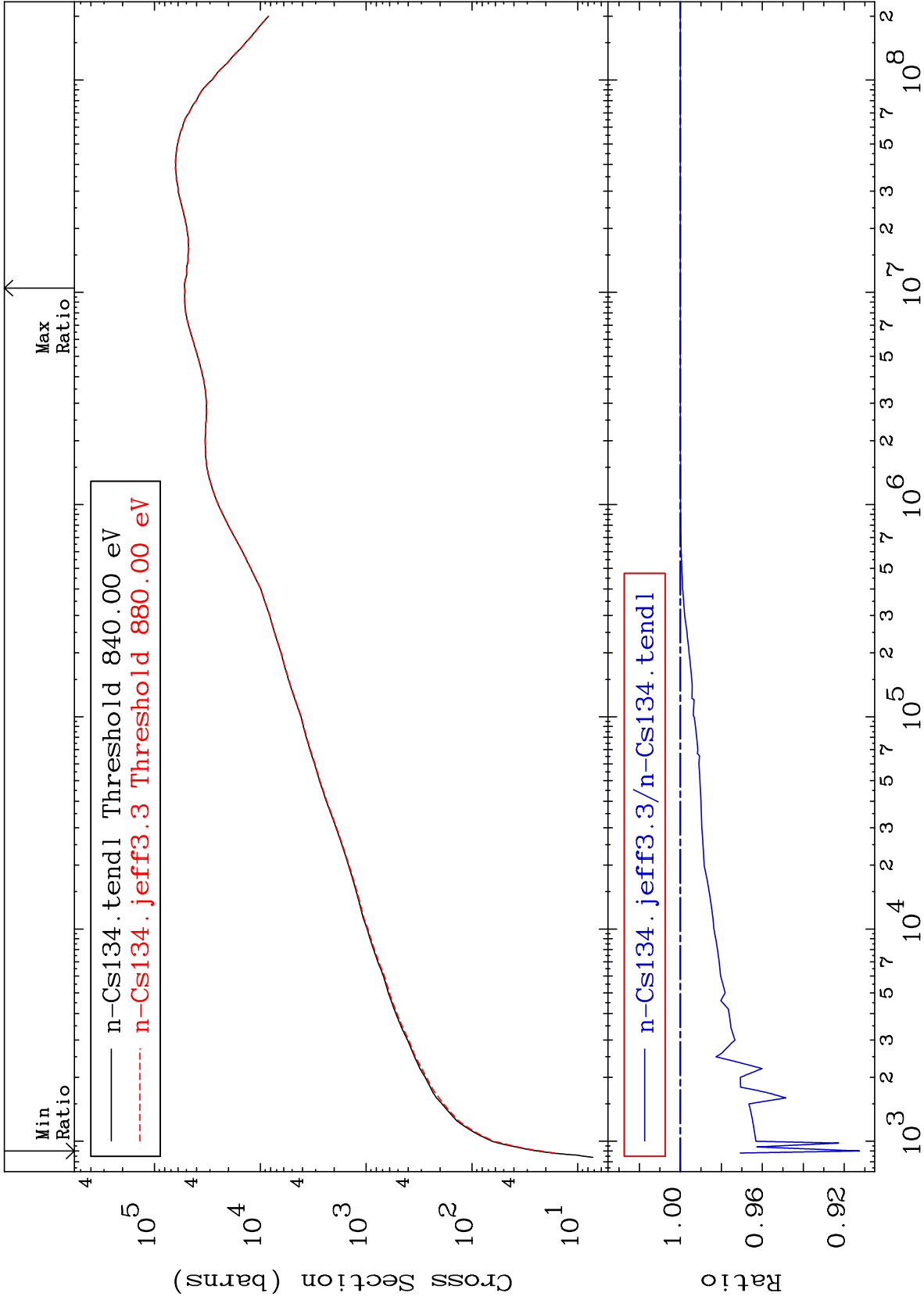
MAT 5528

Dpa elastic (mt2)

55-Cs-134

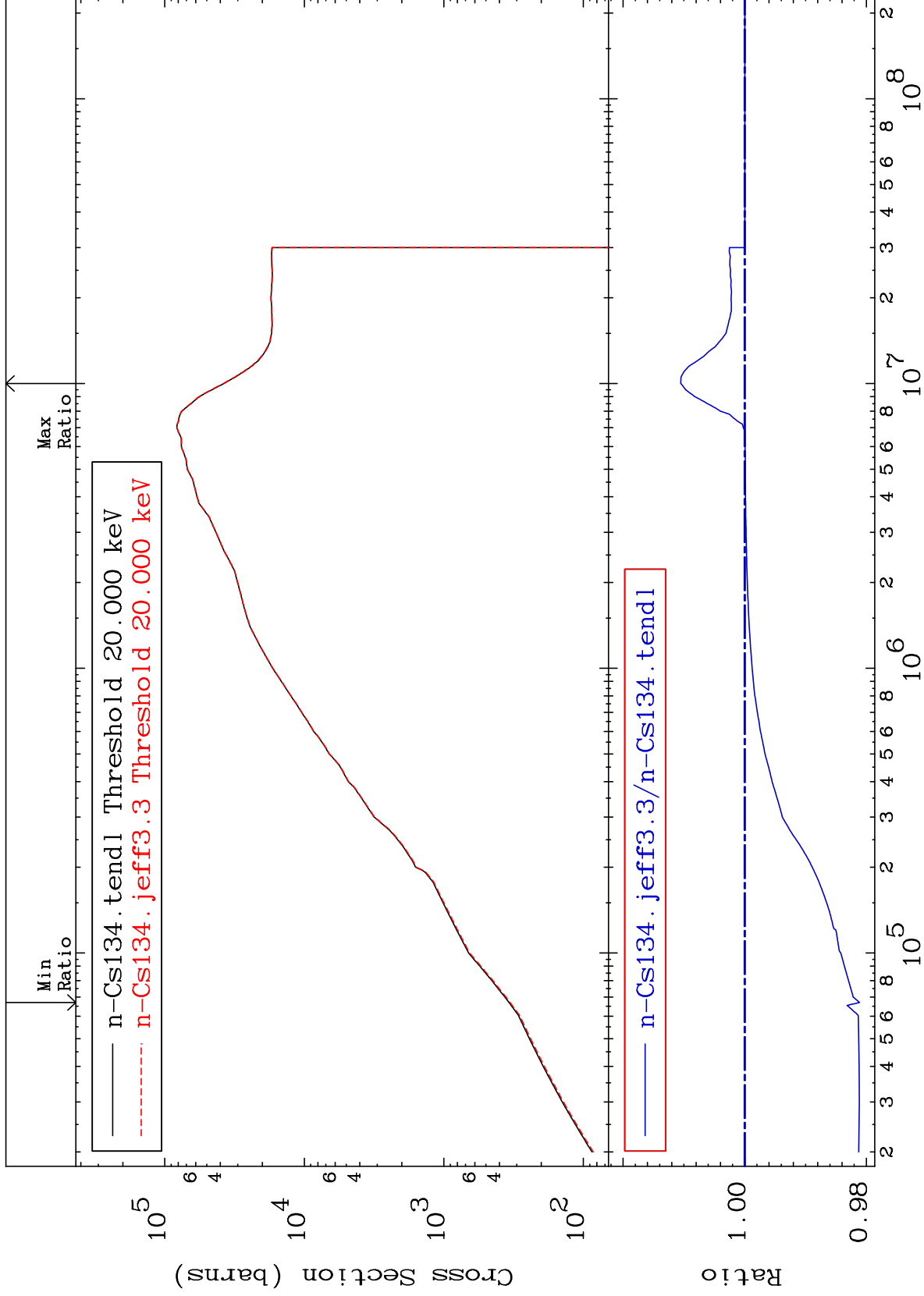
Cross Section

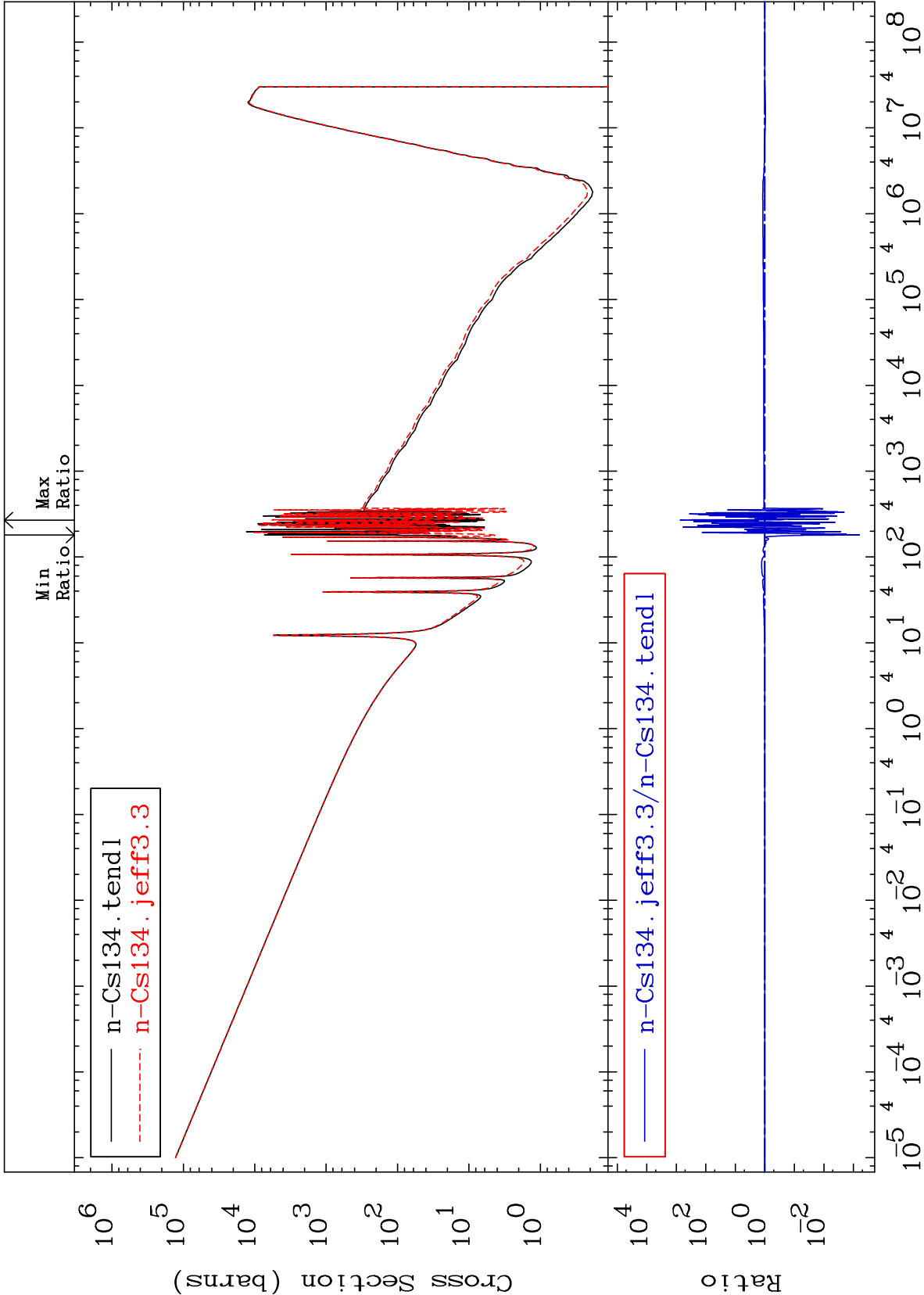
-8.740 To 0.000 %

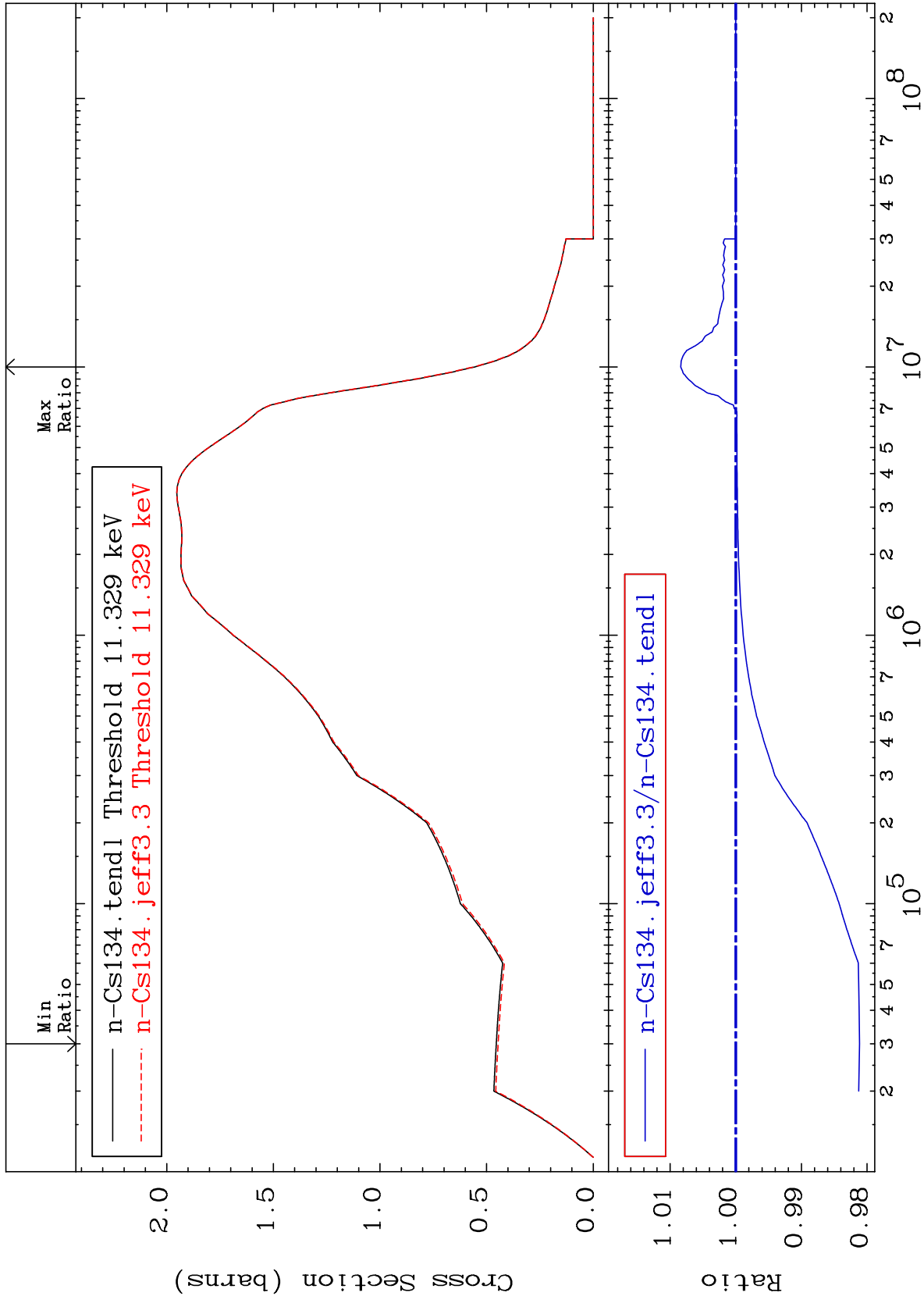


Cross Section

-1.888 To 1.052 %

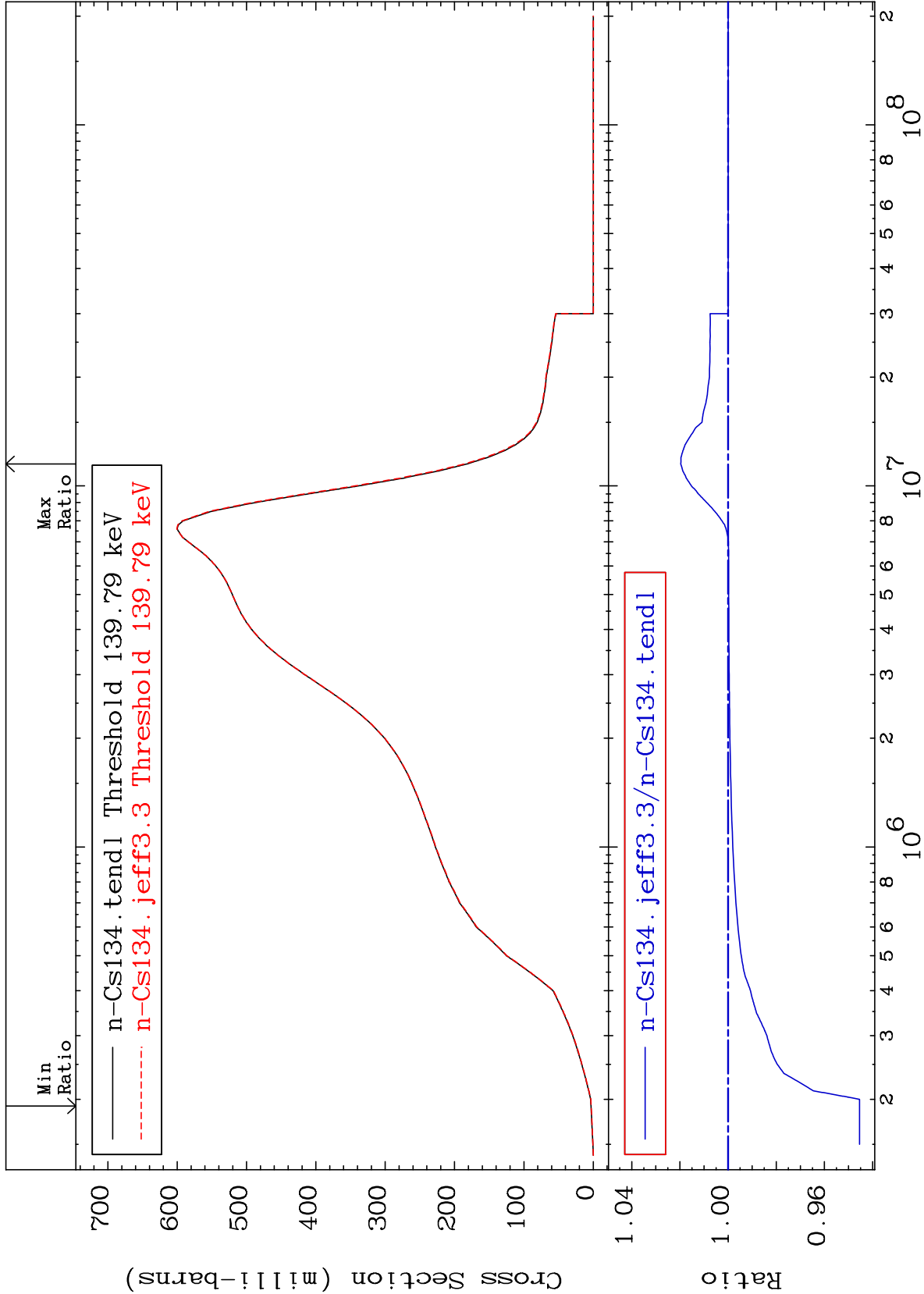


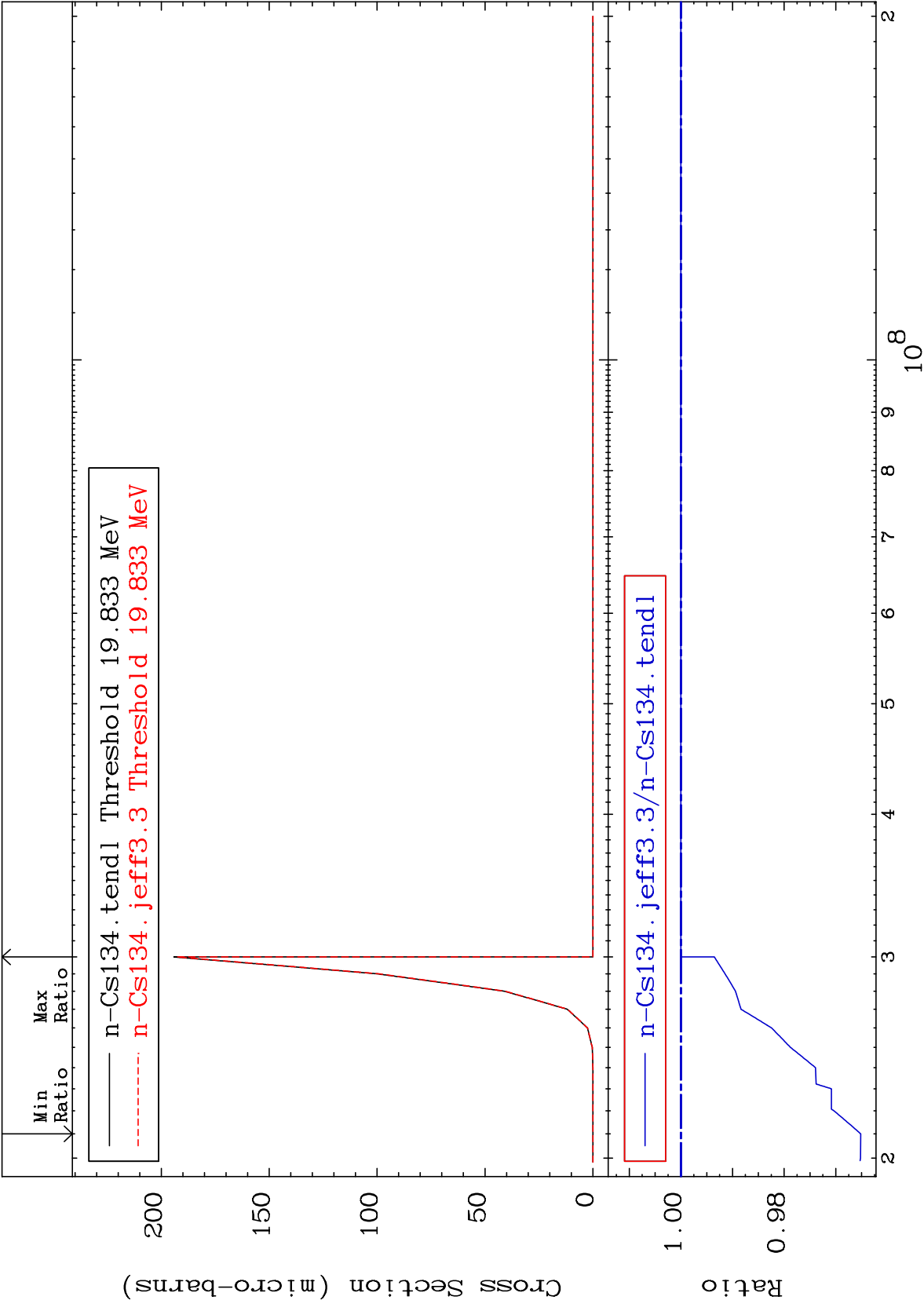


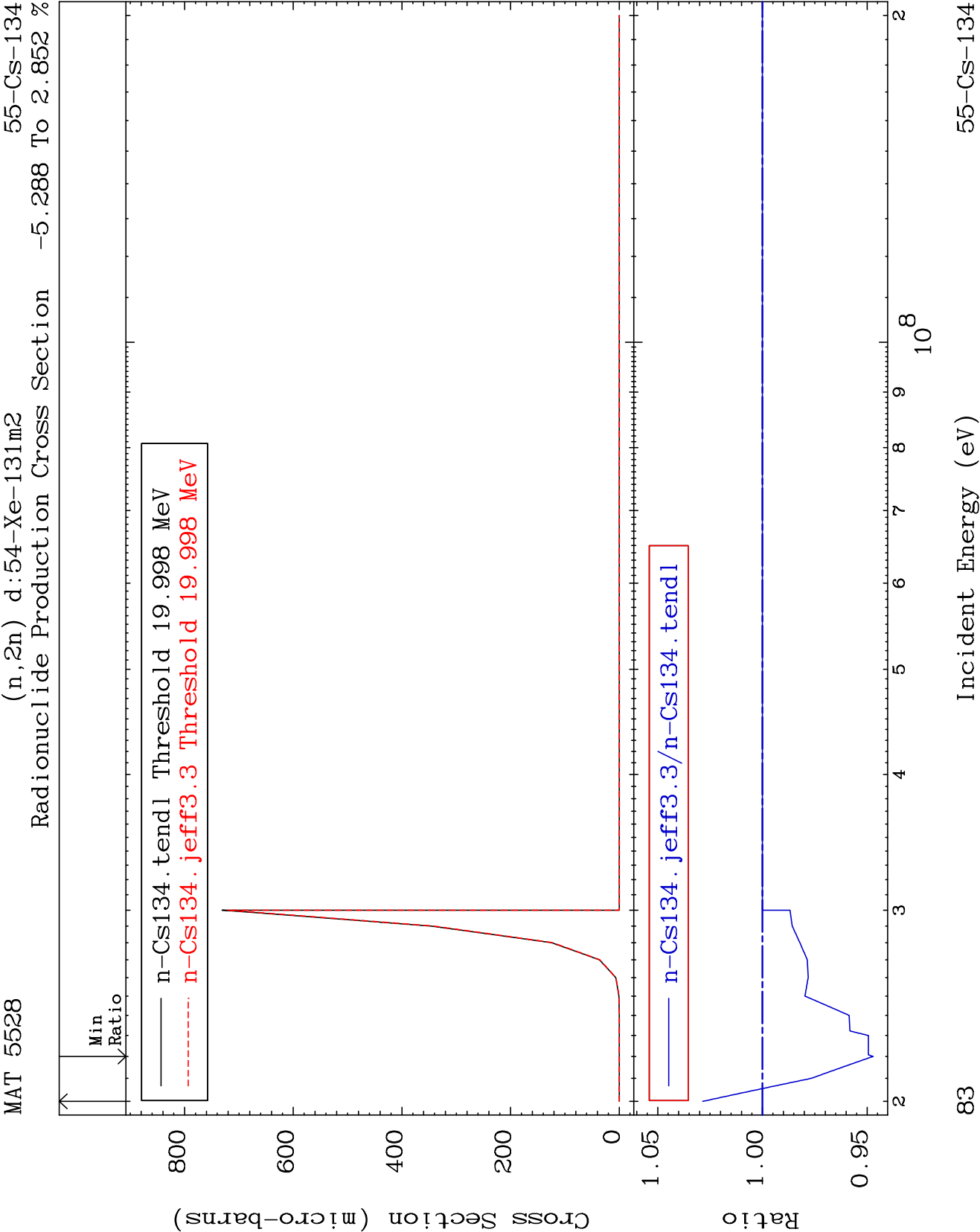


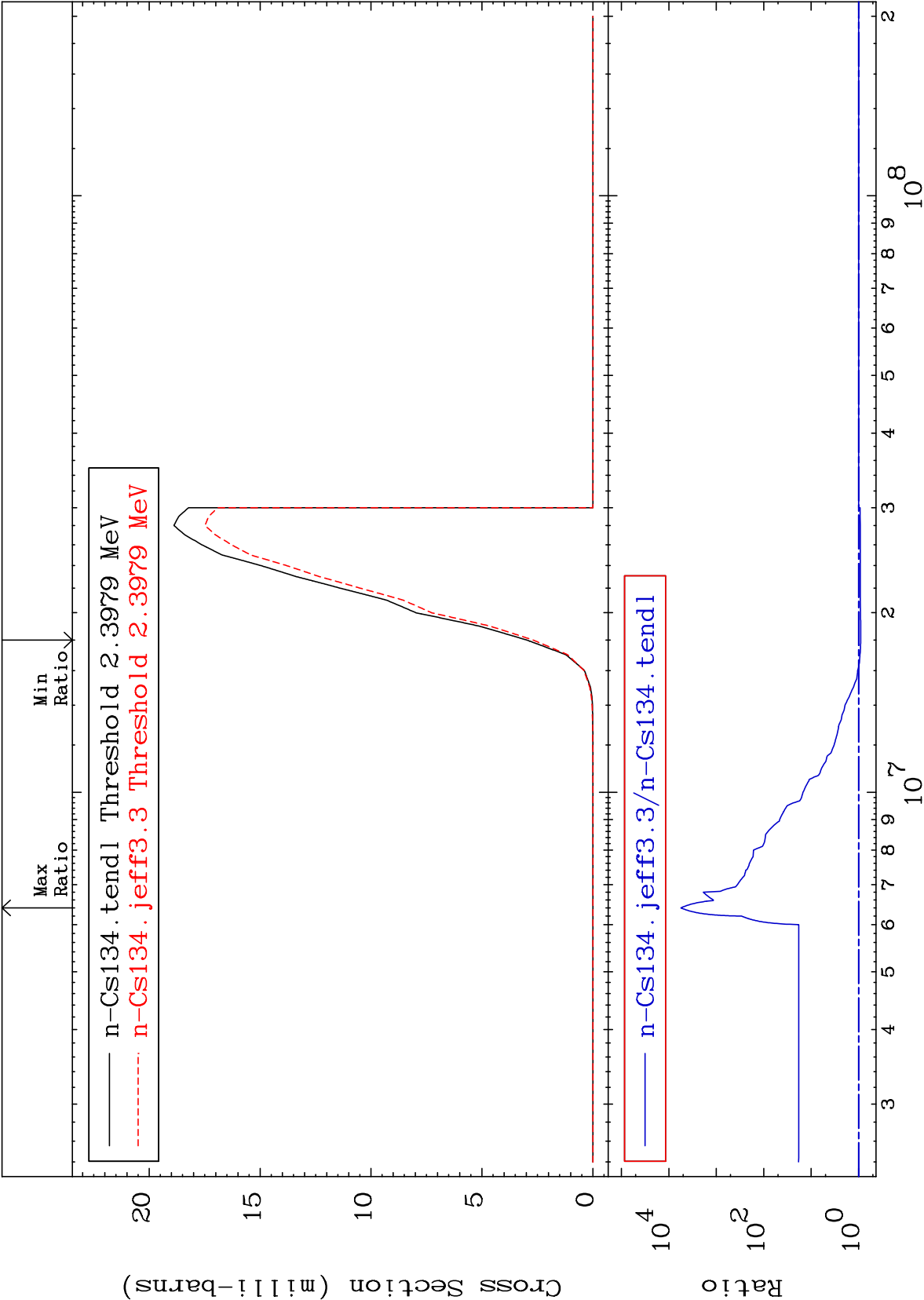
Radionuclide Production Cross Section

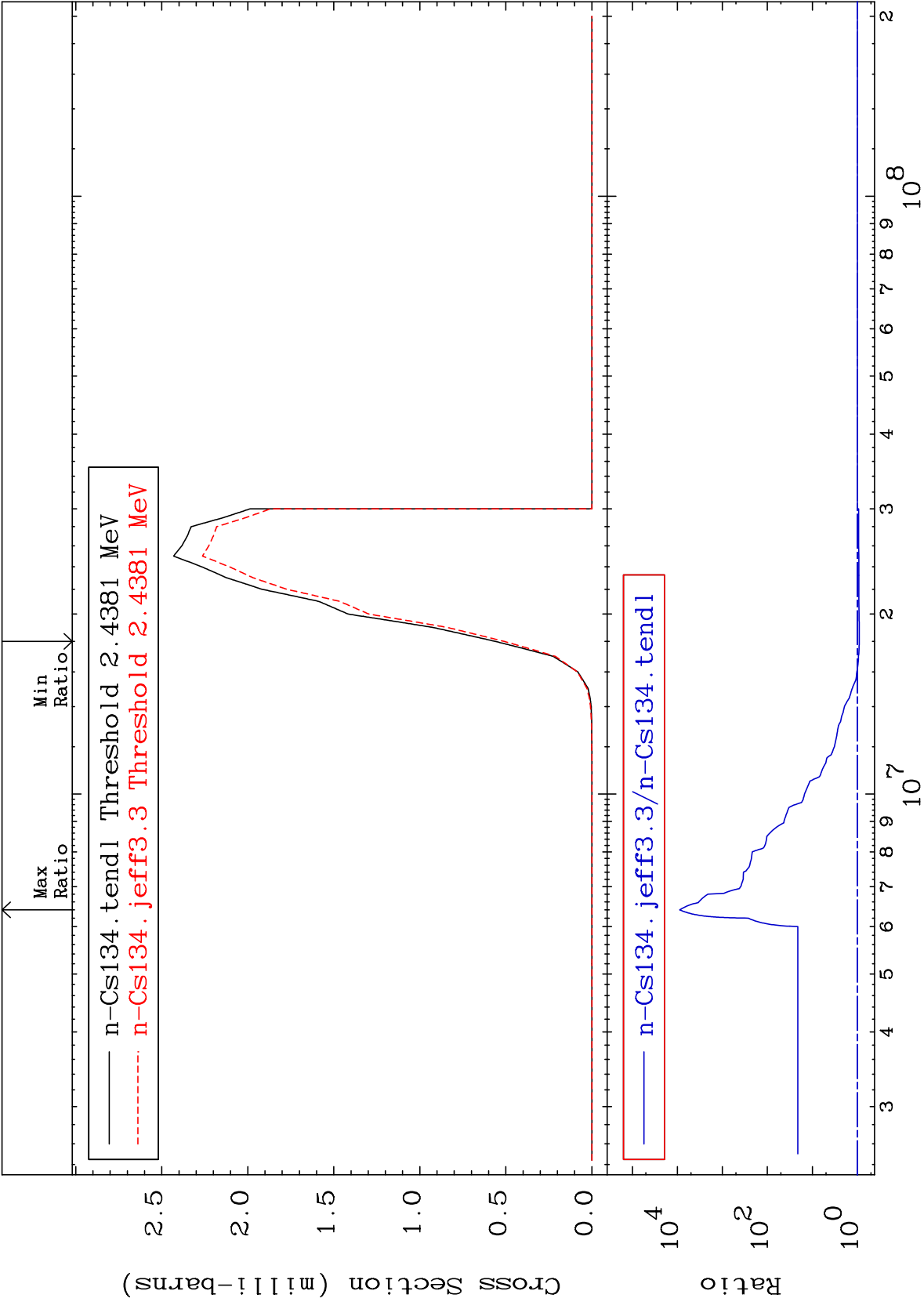
-5.458 To 1.964 %











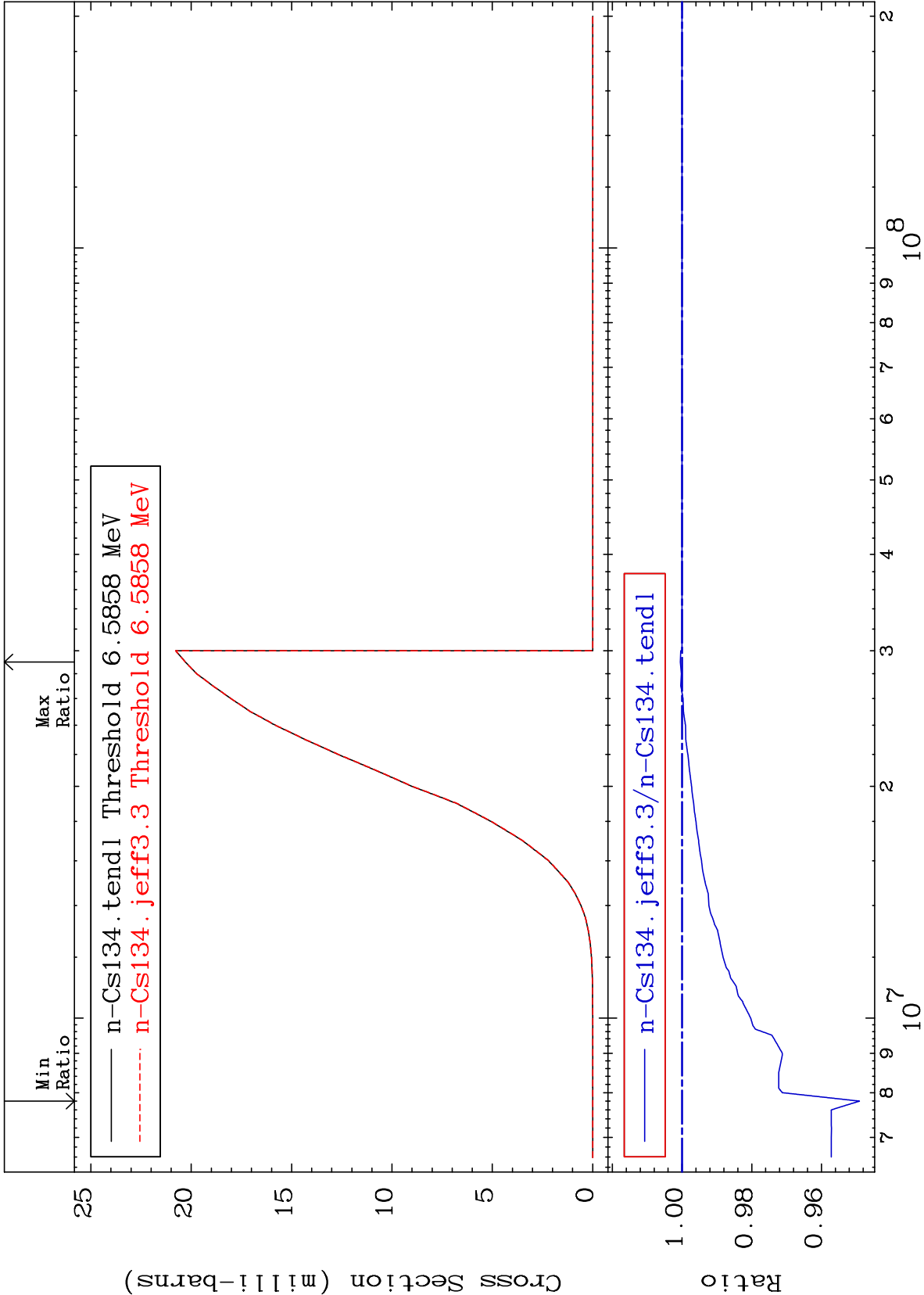
MAT 5528

(n,n') p:54-Xe-133g

55-Cs-134

Radionuclide Production Cross Section

-5.090 To 0.048 %



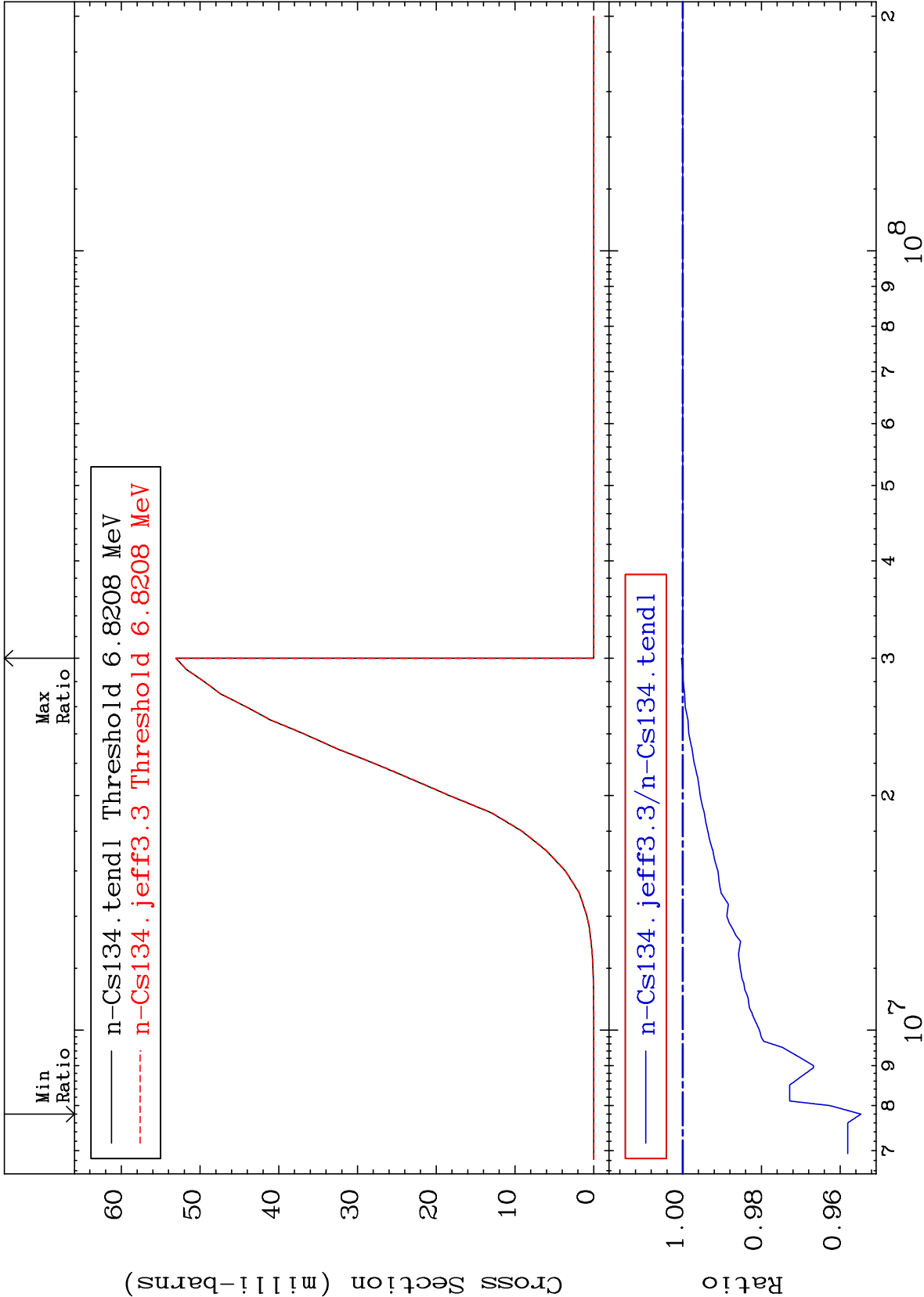
MAT 5528

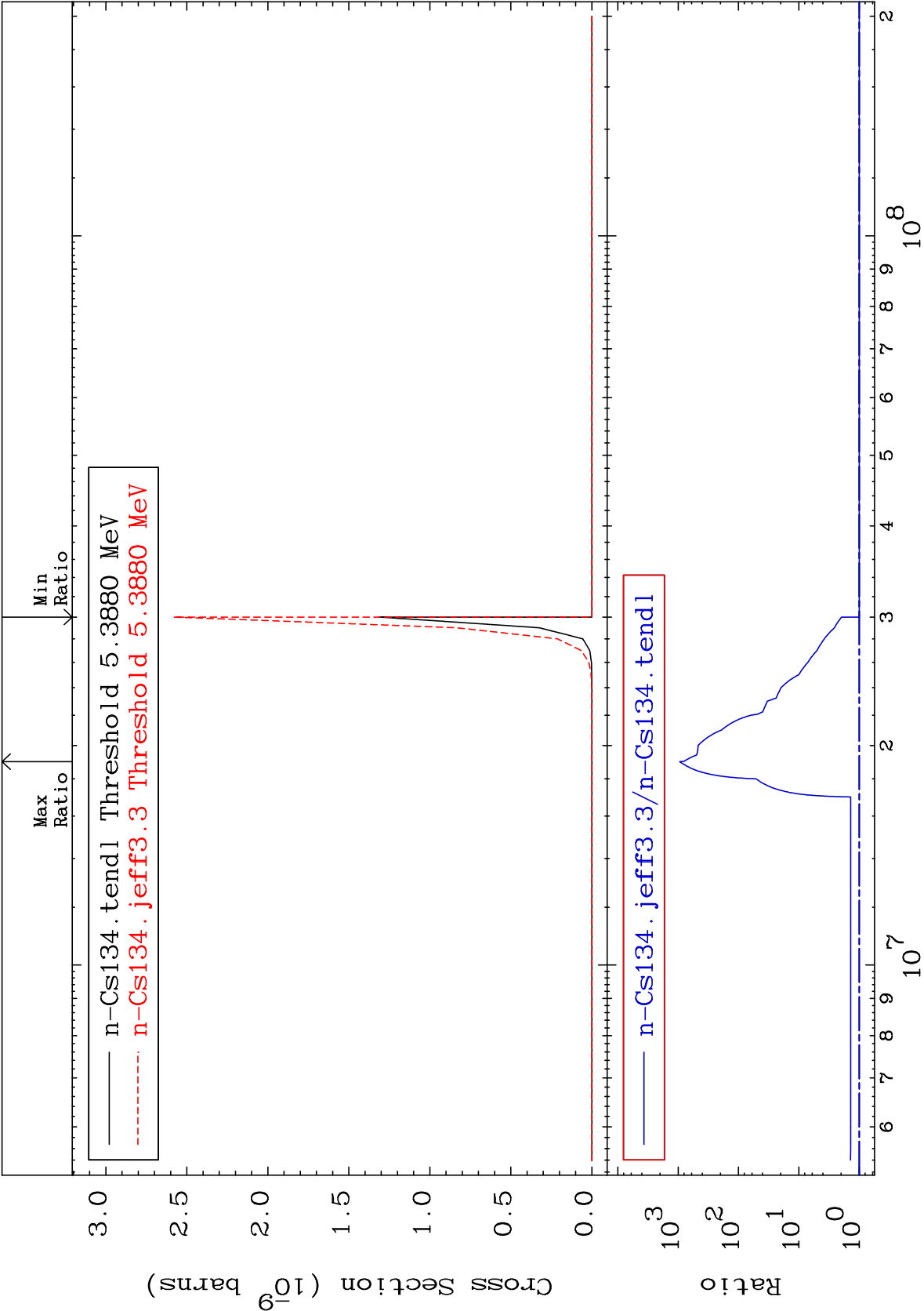
(n,n') p:54-Xe-133m1

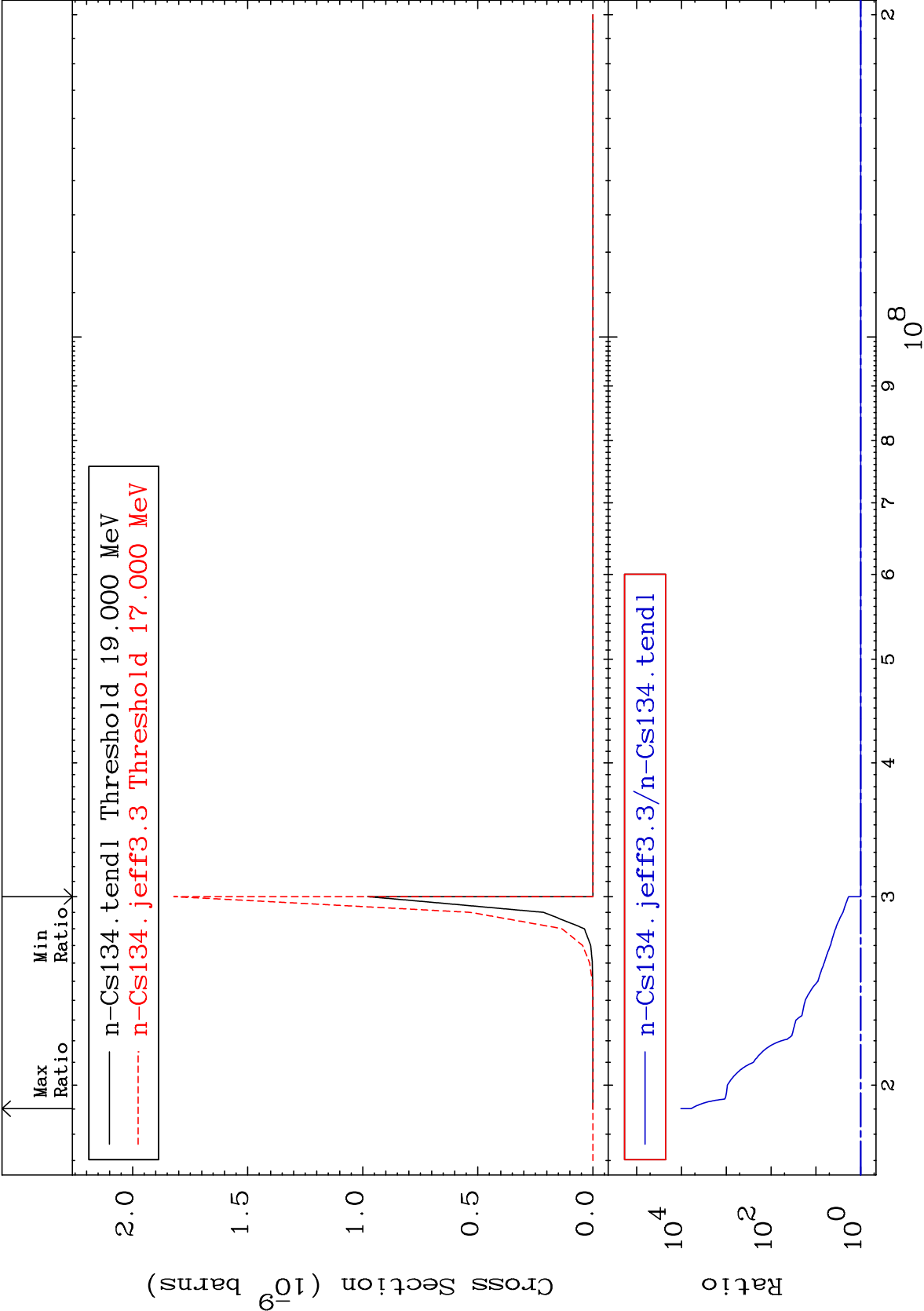
55-Cs-134

Radionuclide Production Cross Section

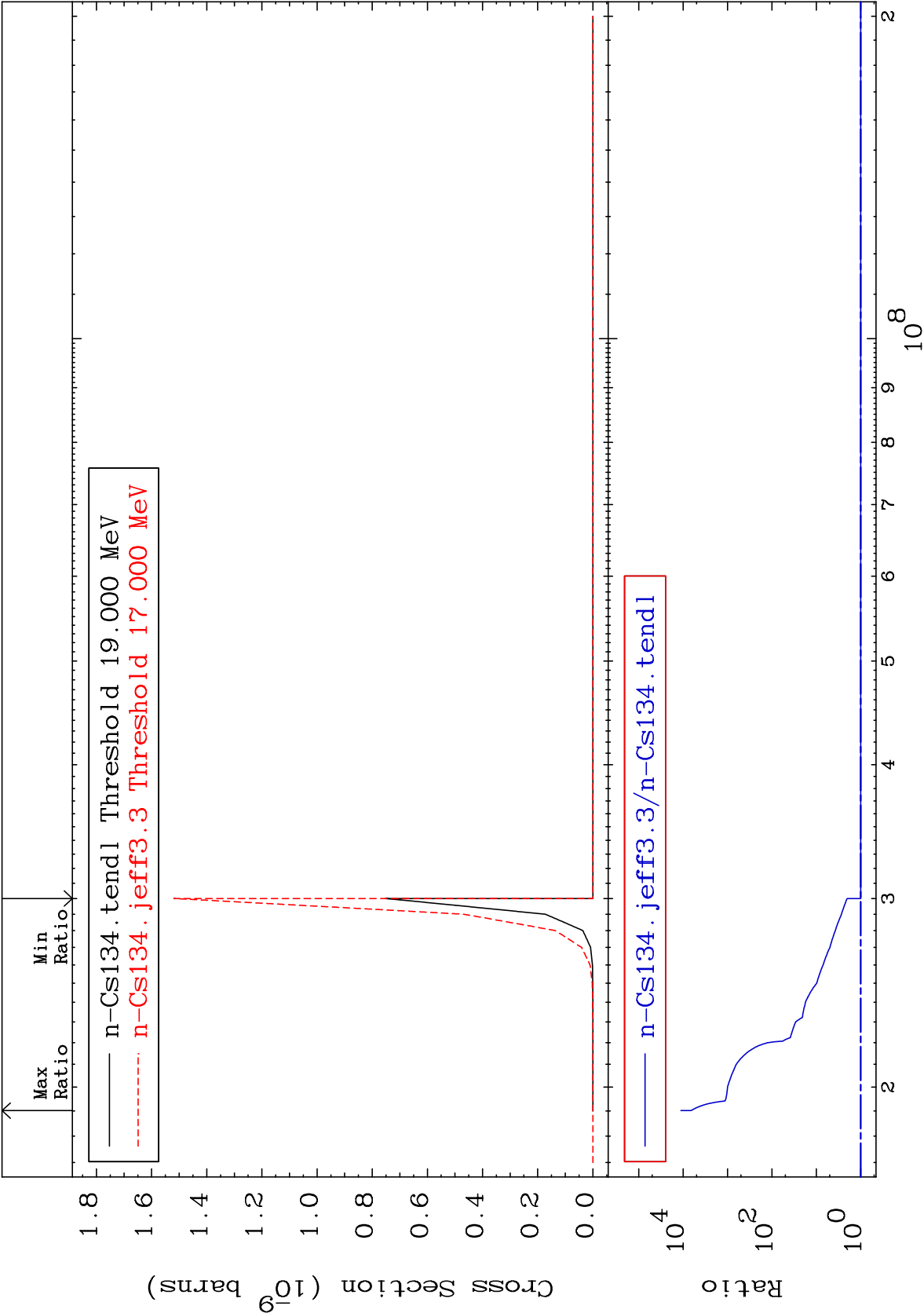
-4.528 To 0.031 %

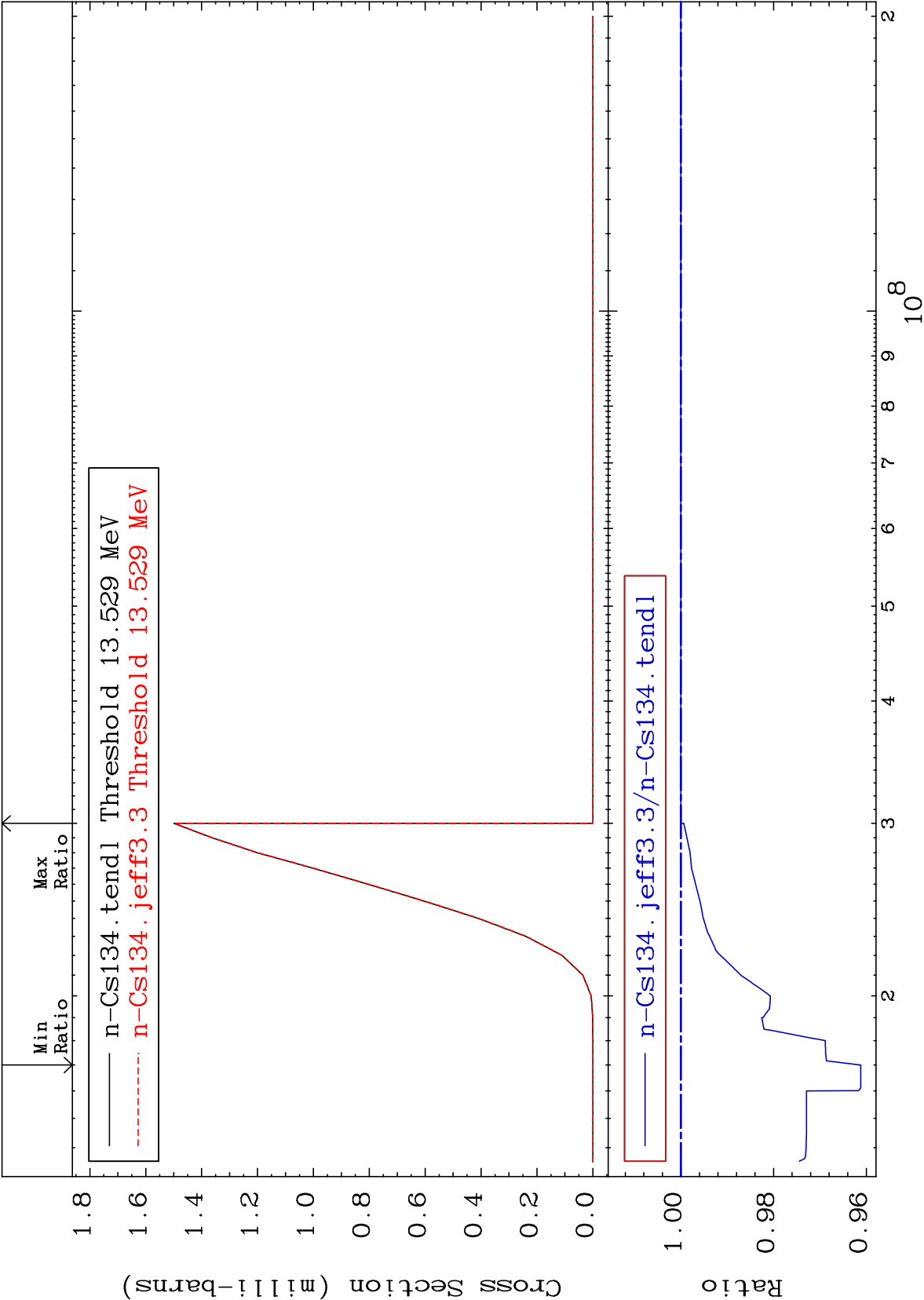






Radionuclide Production Cross Section 0.000 To 9999. %





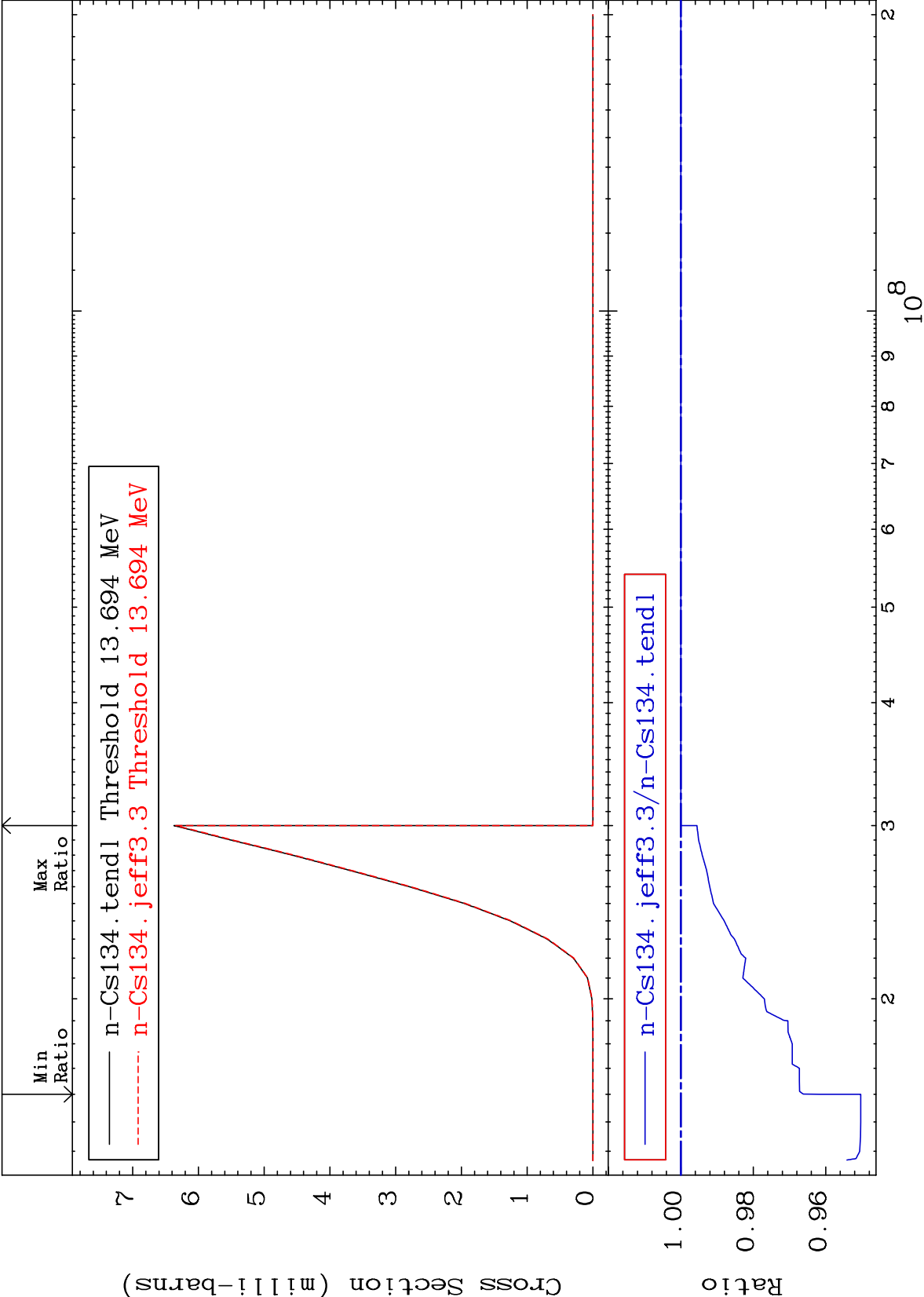
MAT 5528

(n,n') t:54-Xe-131m2

55-Cs-134

Radionuclide Production Cross Section

-4.965 To 0.000 %



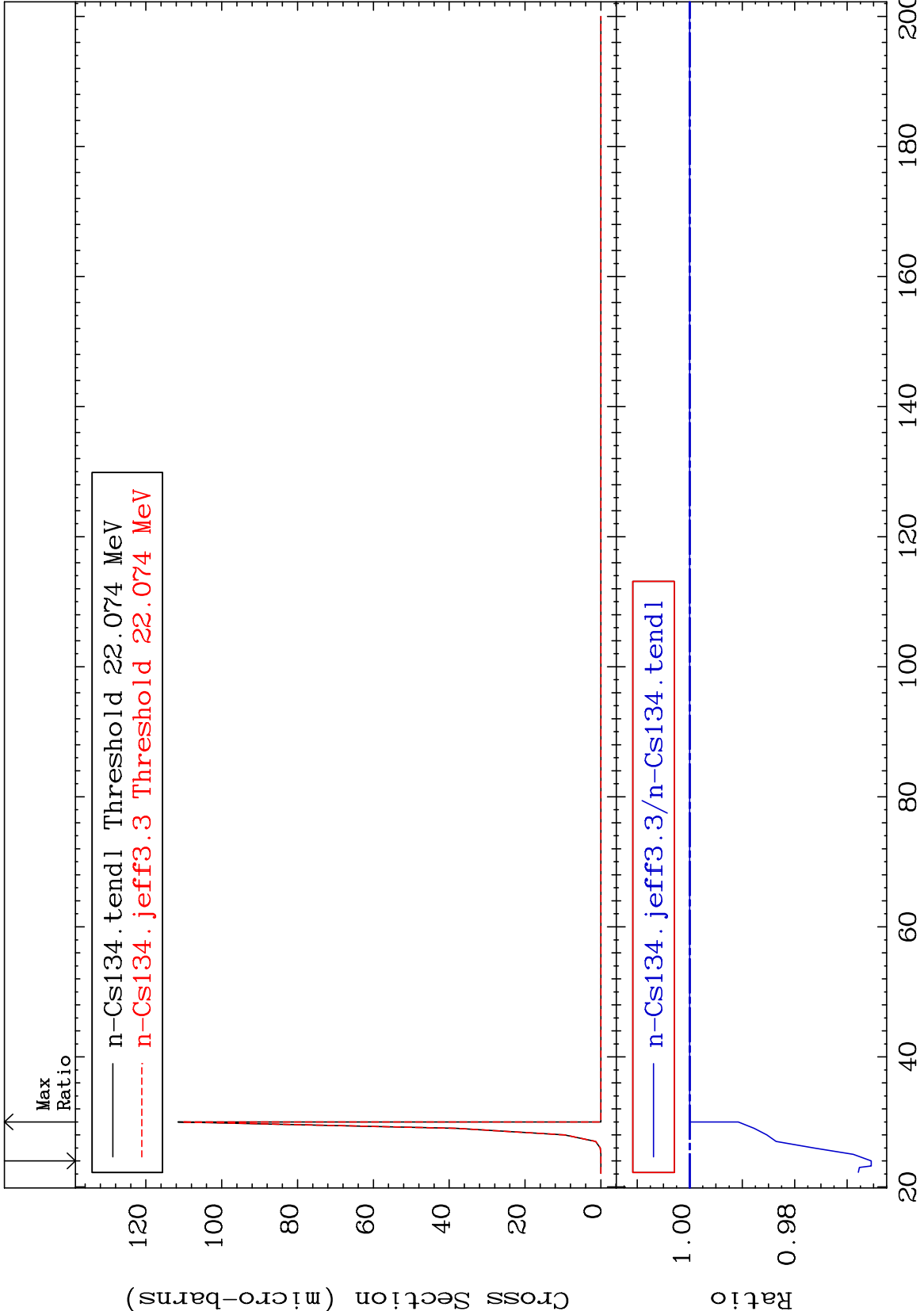
MAT 5528

(n,3n) p:54-Xe-131g

55-Cs-134

Radionuclide Production Cross Section

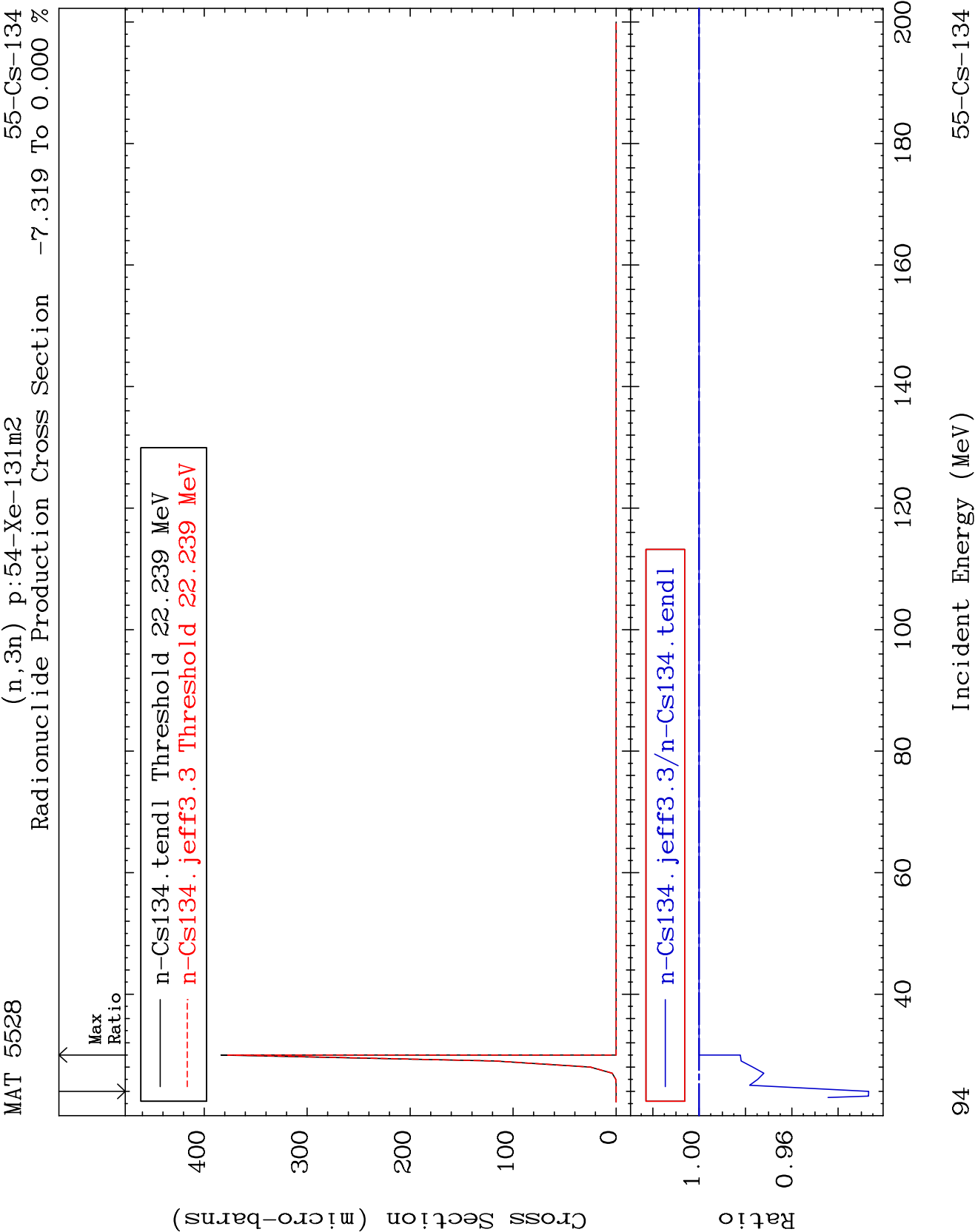
-3.457 To 0.000 %



93

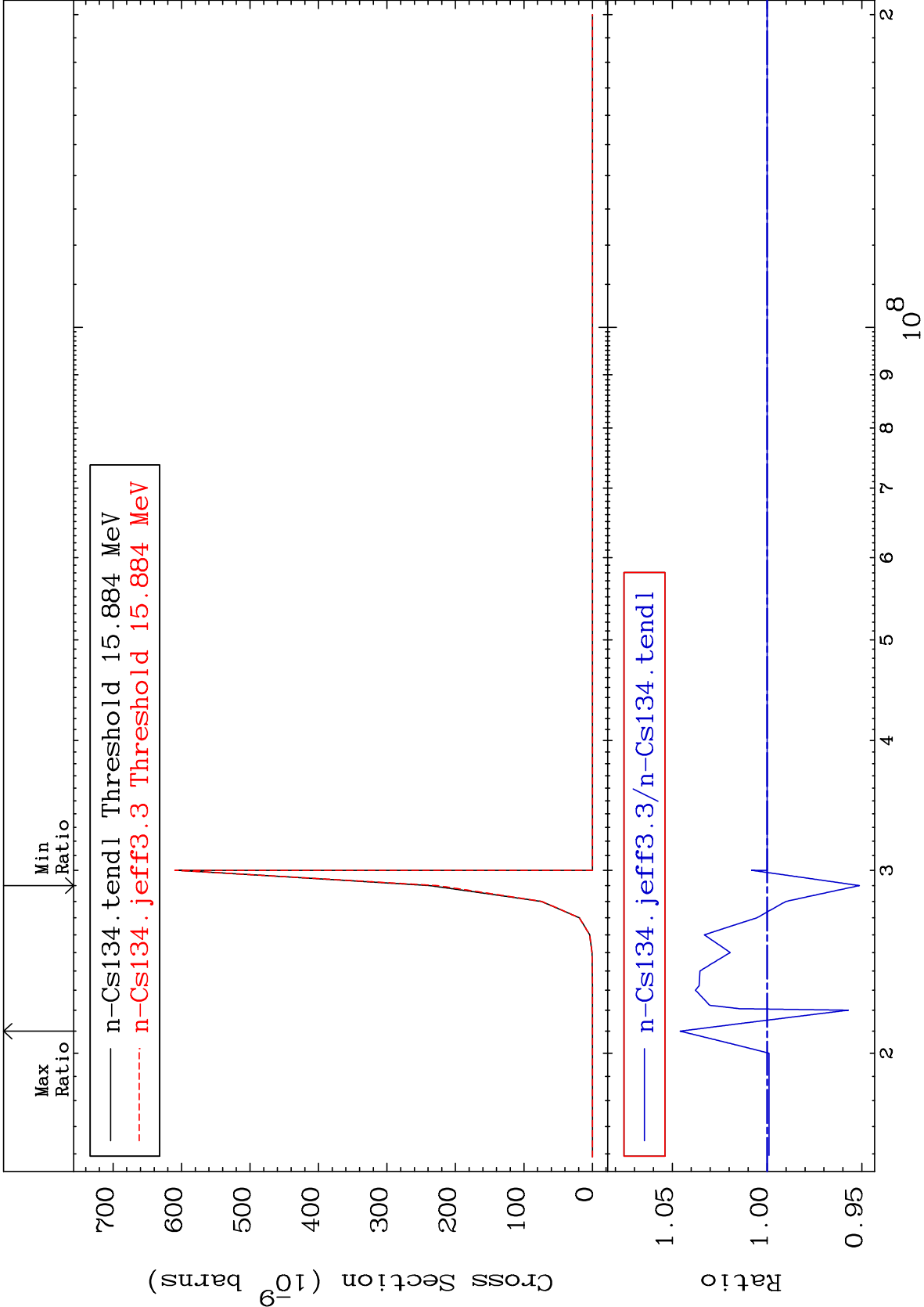
Incident Energy (MeV)

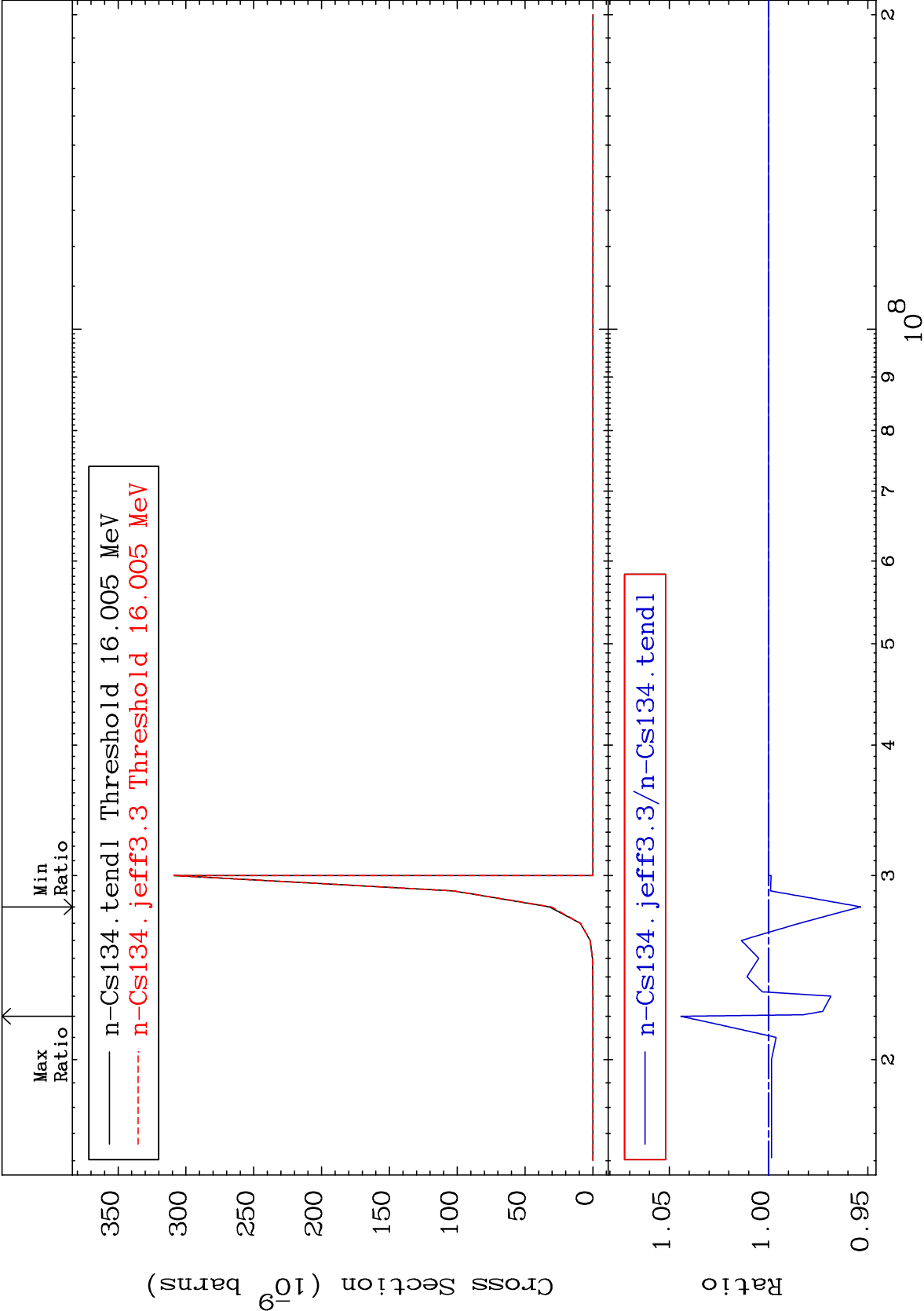
55-Cs-134



Radionuclide Production Cross Section

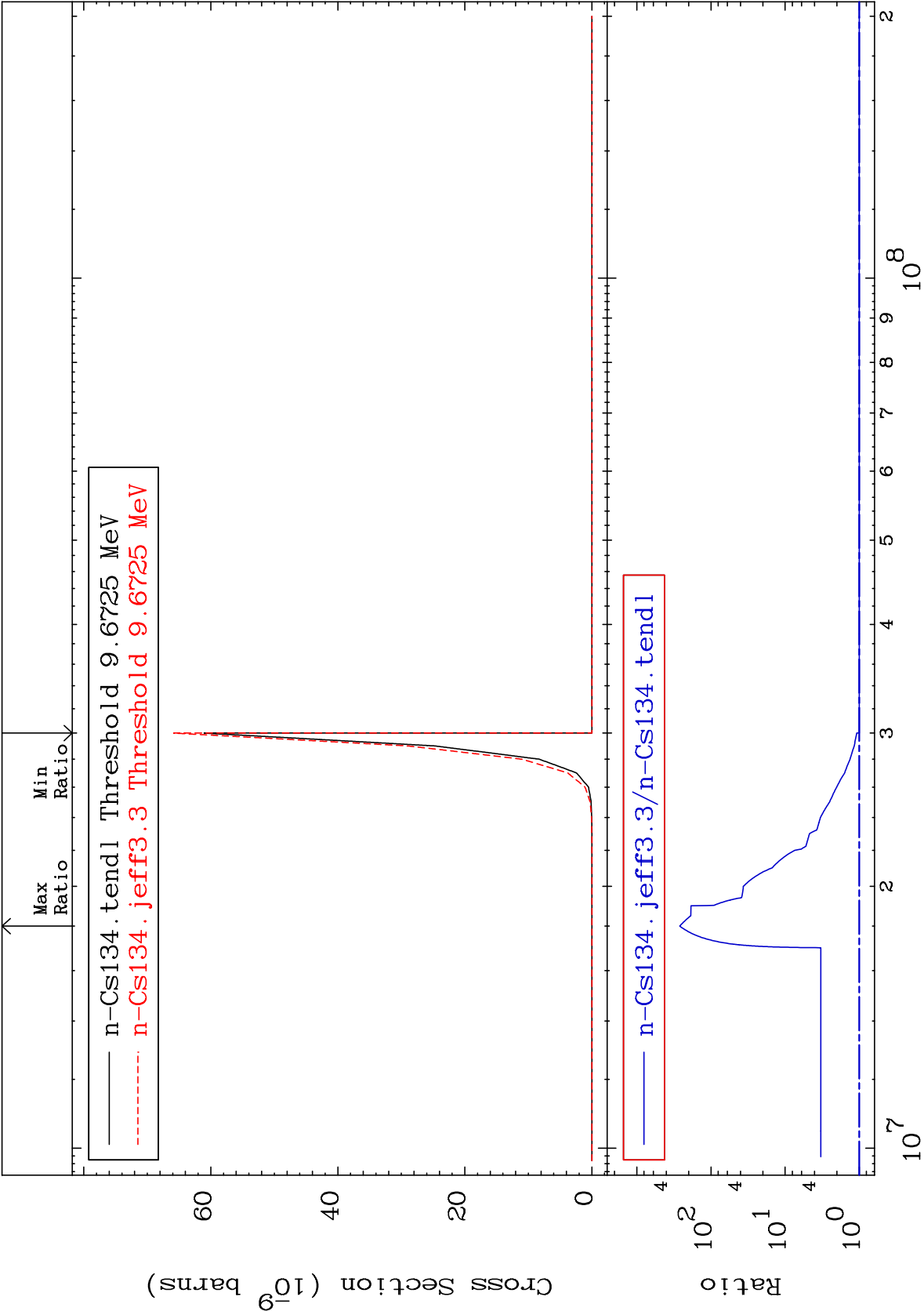
-4.867 To 4.585 %





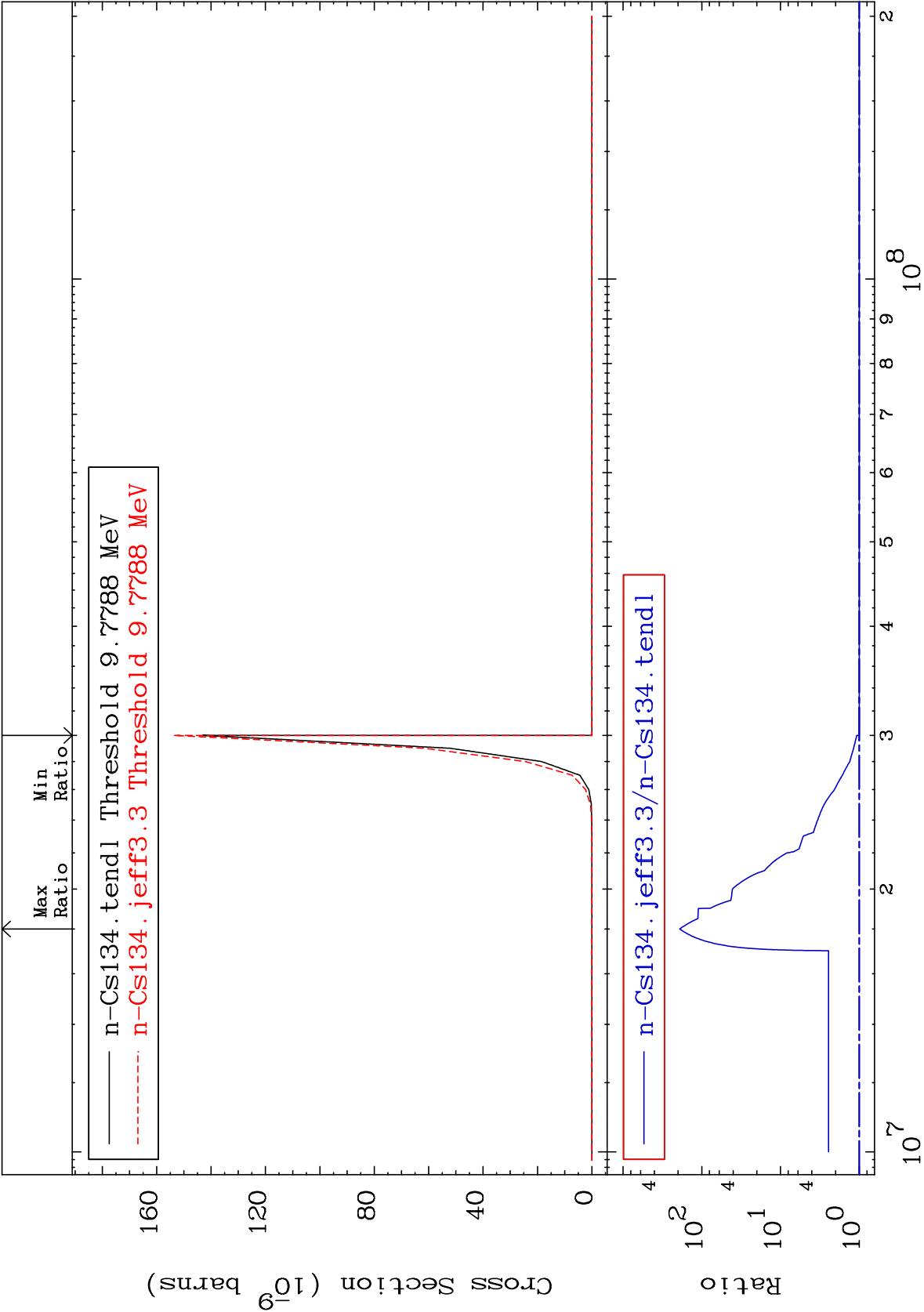
MAT 5528

(n,n') p α :52-Te-129g 55-Cs-134
Radionuclide Production Cross Section 0.000 To 9999. %



MAT 5528

(n,n') p α:52-Te-129m1 55-Cs-134
Radionuclide Production Cross Section 0.000 To 9999. %

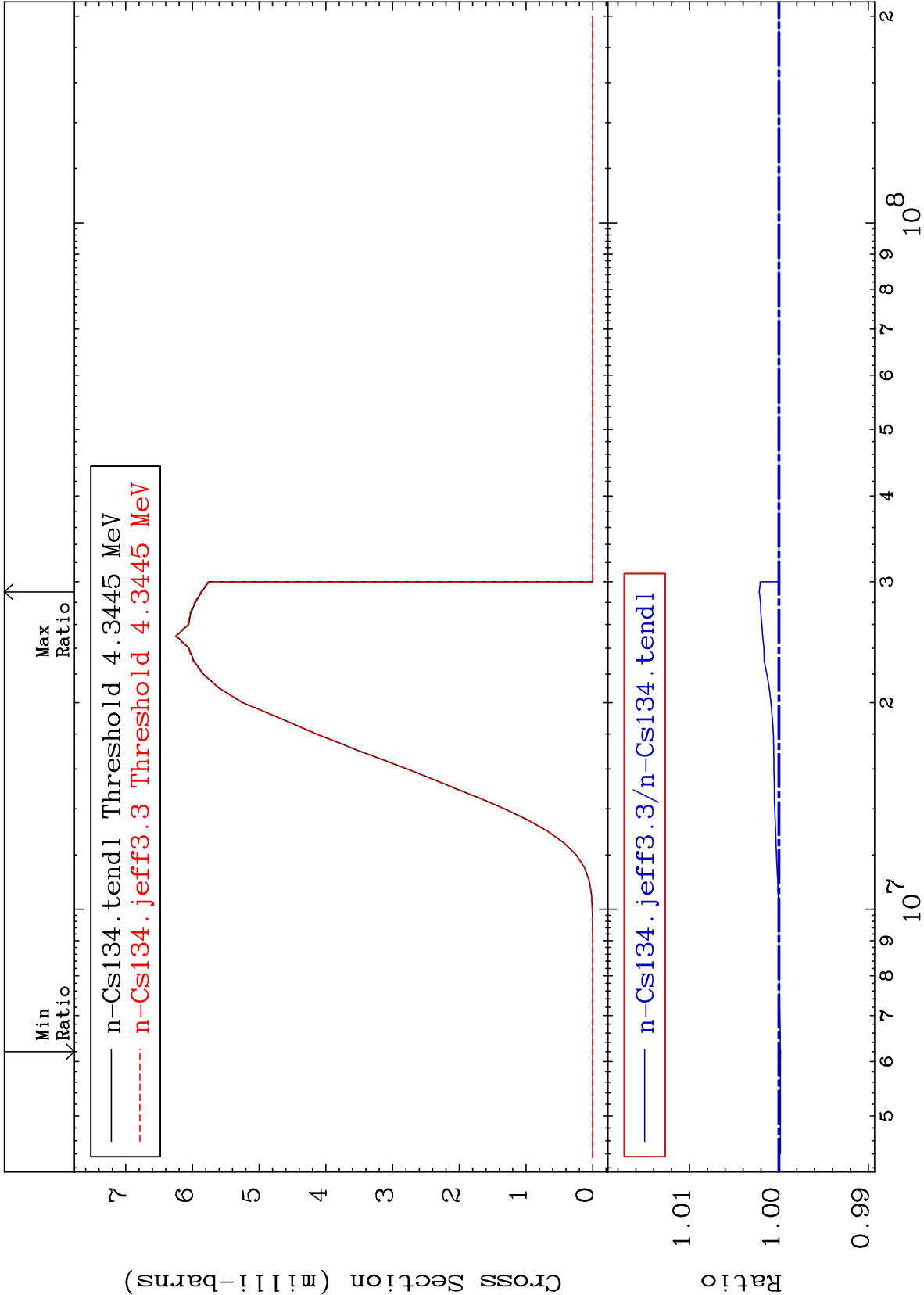


MAT 5528

(n,d):54-Xe-133g

55-Cs-134

Radionuclide Production Cross Section -0.019 To 0.220 %



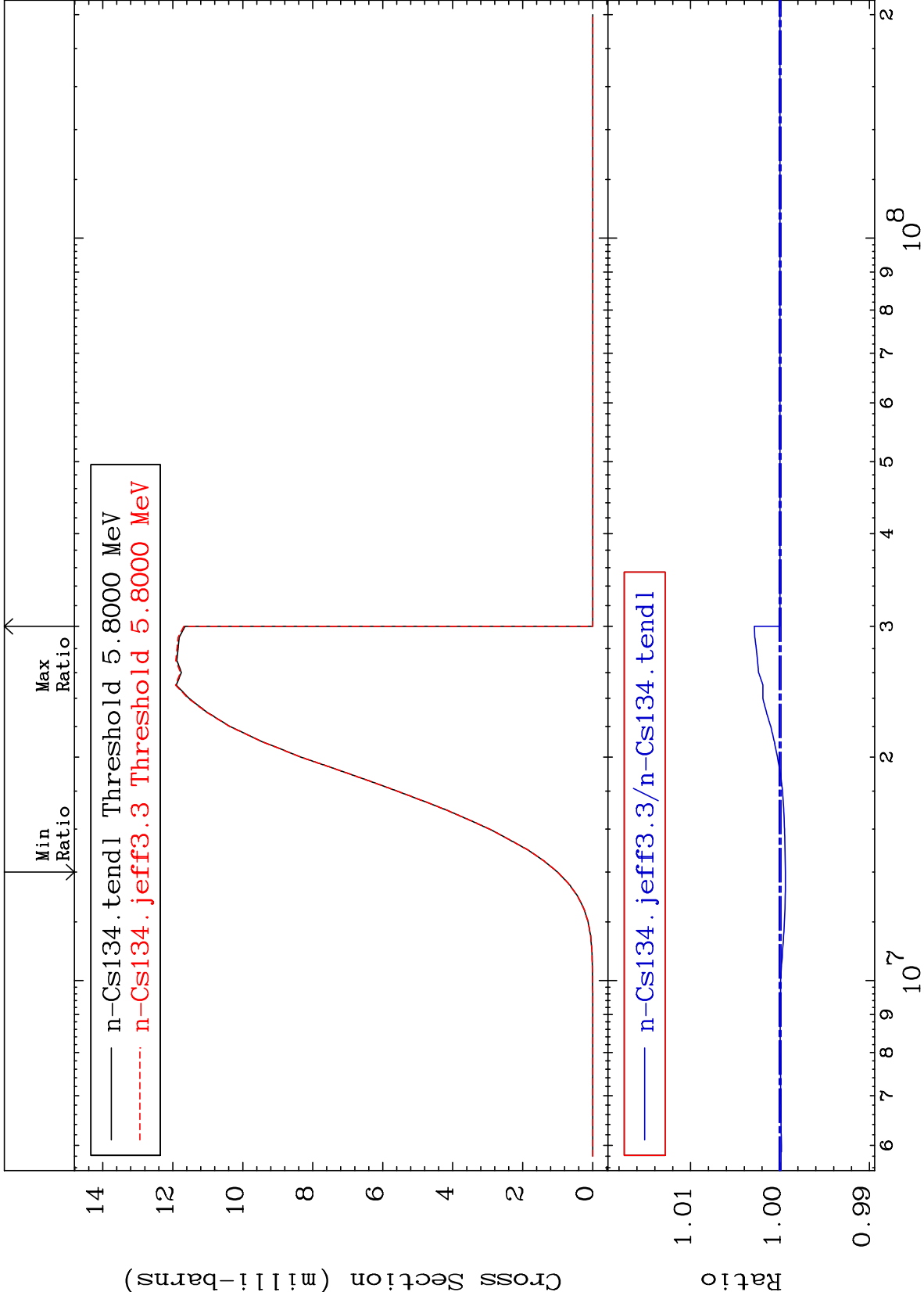
MAT 5528

(n,d):54-Xe-133m1

55-Cs-134

Radionuclide Production Cross Section

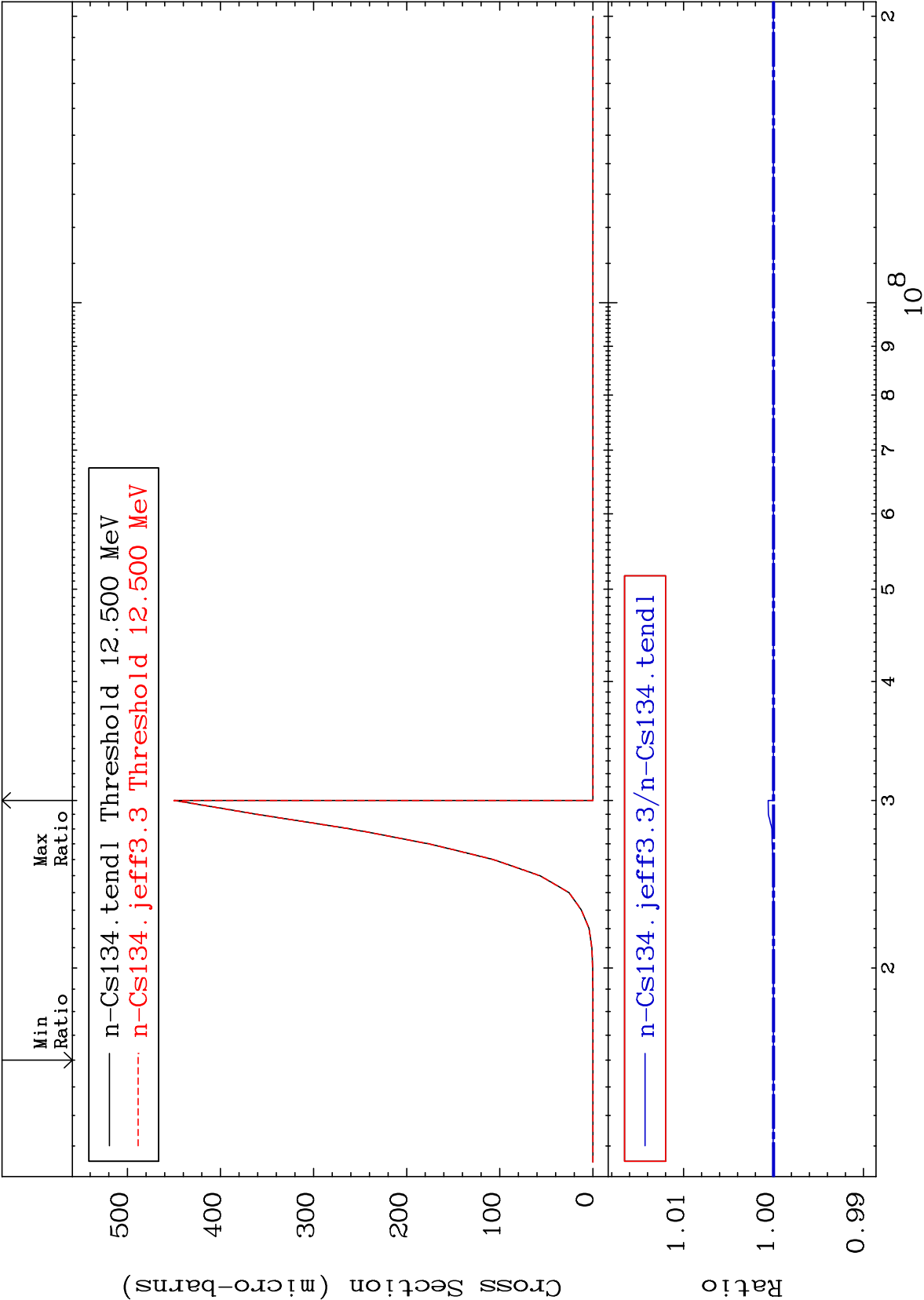
-0.061 To 0.288 %



100

Incident Energy (eV)

55-Cs-134



MAT 5528

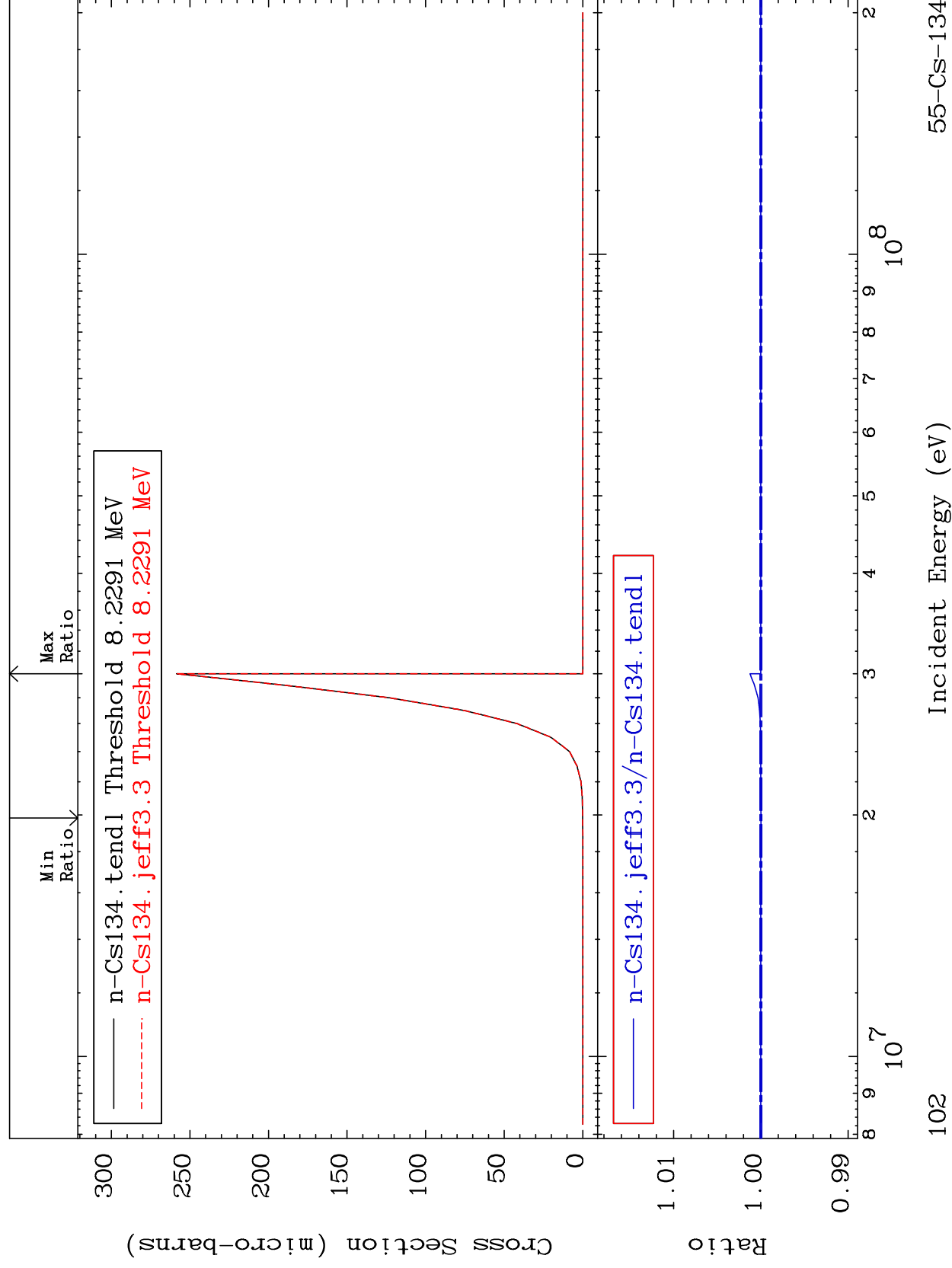
 $(n, \text{He-3}): 53\text{-I} \quad -132\text{m3}$

55-CS-134

Radionuclide Production Cross Section

0.000

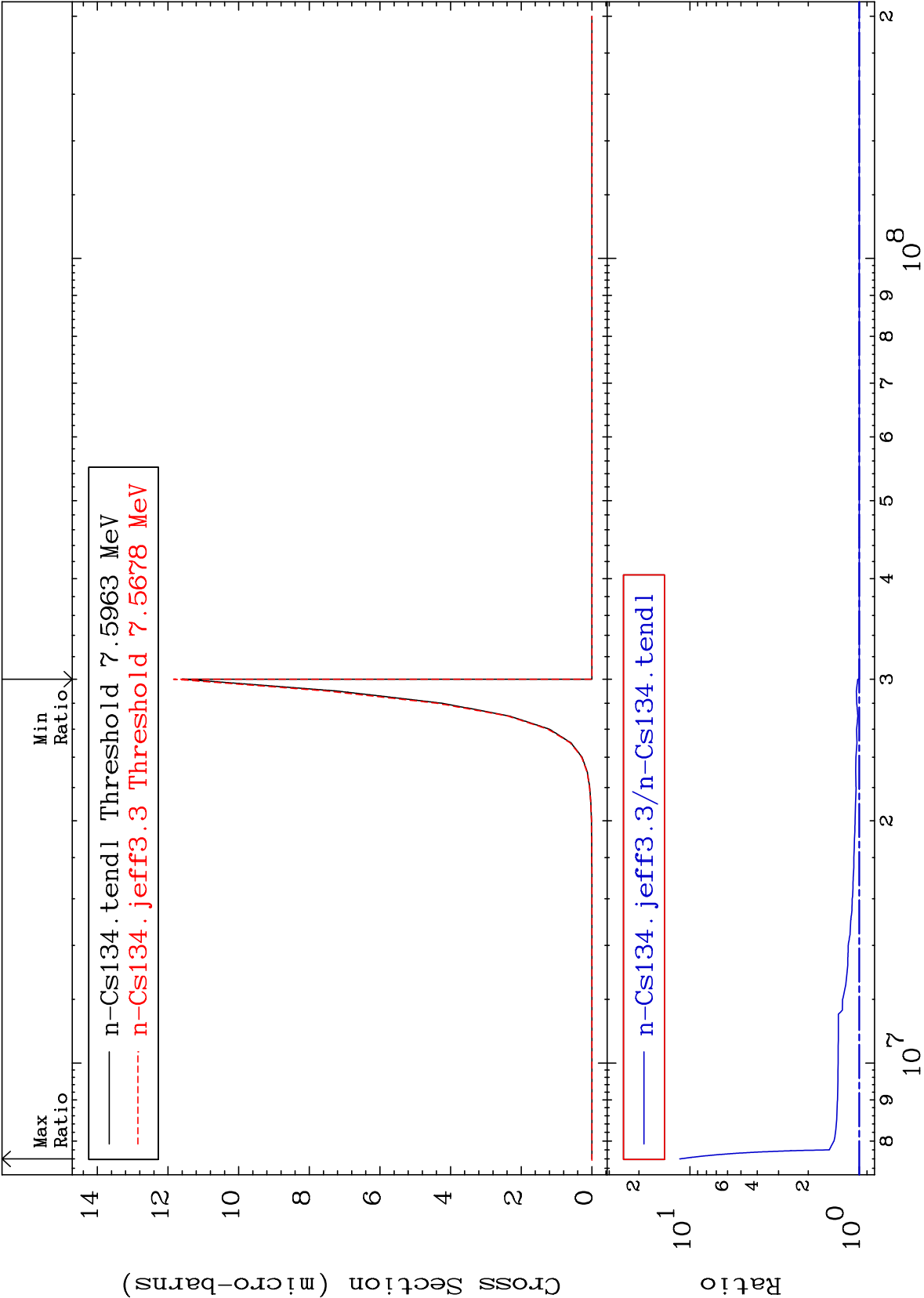
To 0.125 %



MAT 5528

(n,2p):53-I -133g
Radionuclide Production Cross Section 0.000 To 1049. %

55-Cs-134



103

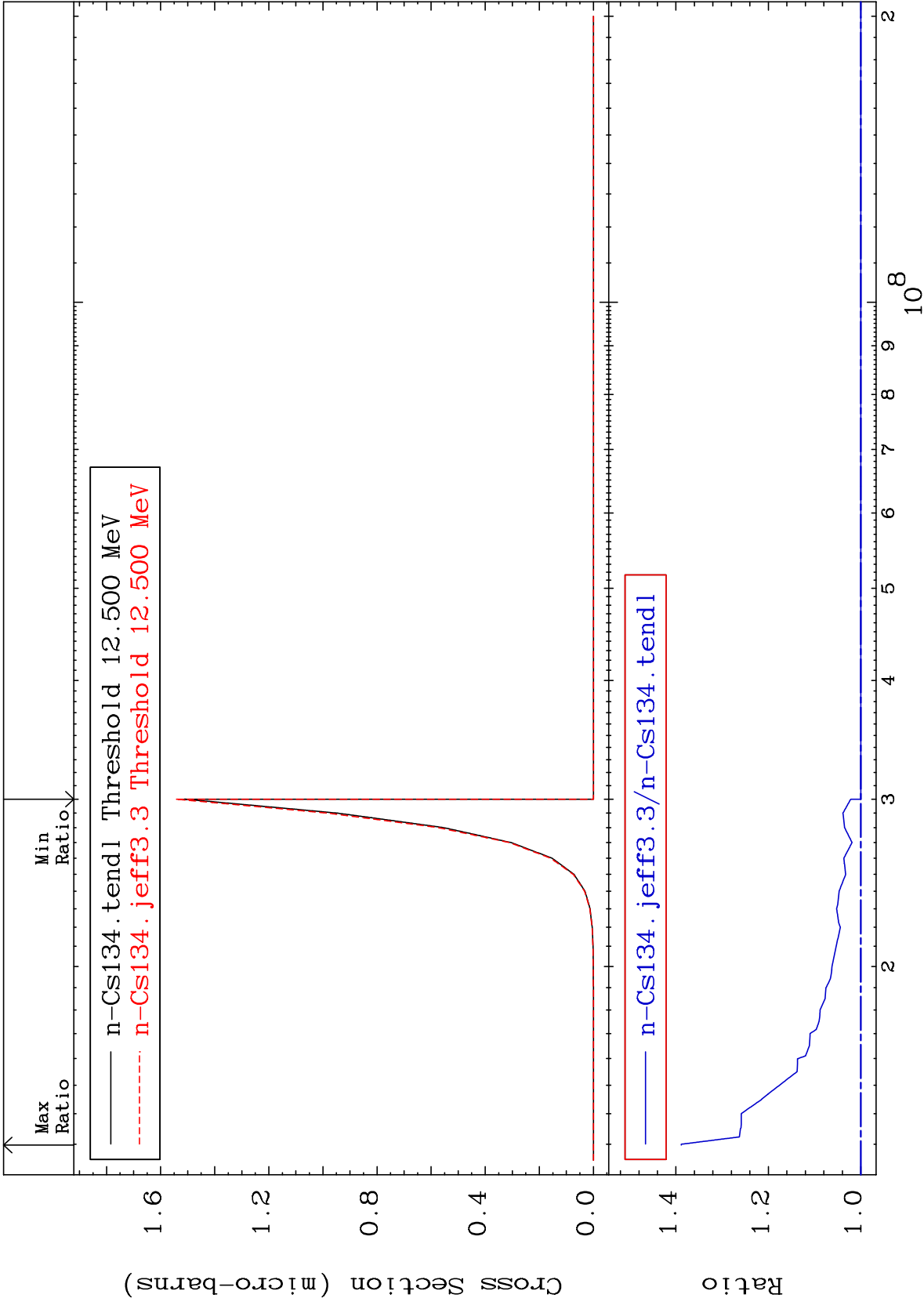
Incident Energy (eV)

55-Cs-134

Radionuclide Production Cross Section

0.000

To 38.83 %



MAT 5528

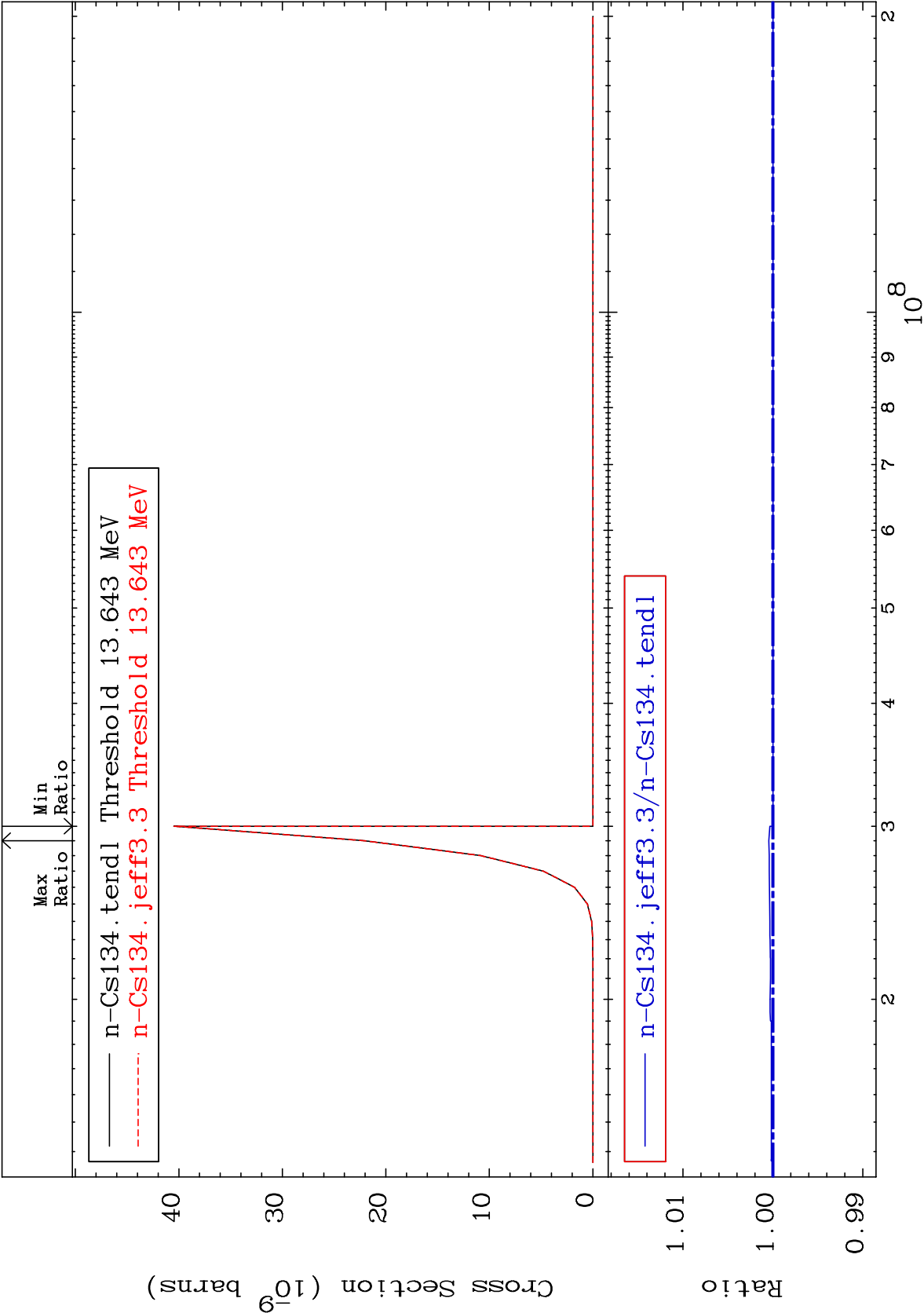
(n,p) d:53-I -132g

55-Cs-134

Radionuclide Production Cross Section

0.000

To 0.046 %



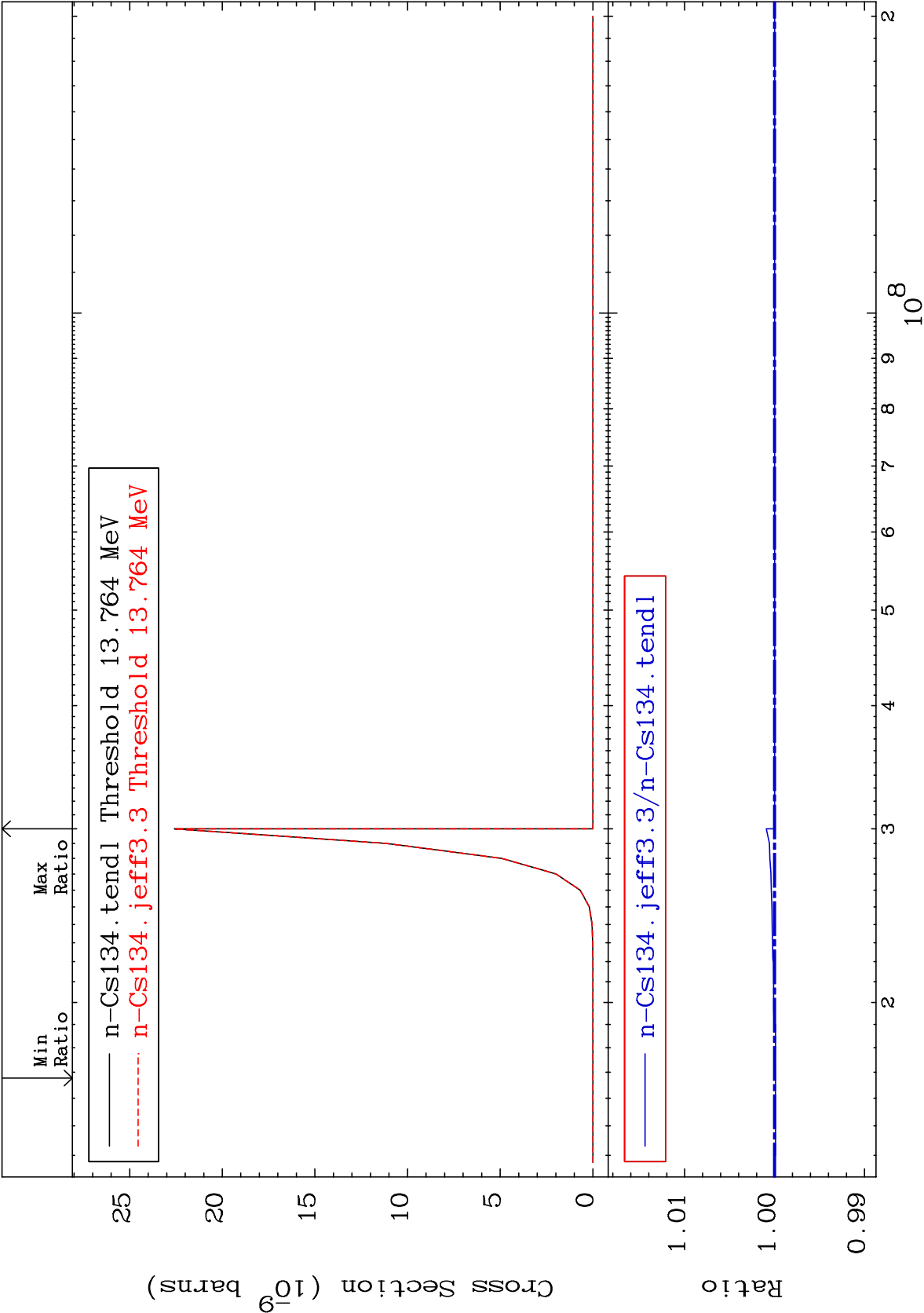
105

Incident Energy (eV)

55-Cs-134

Radionuclide Production Cross Section

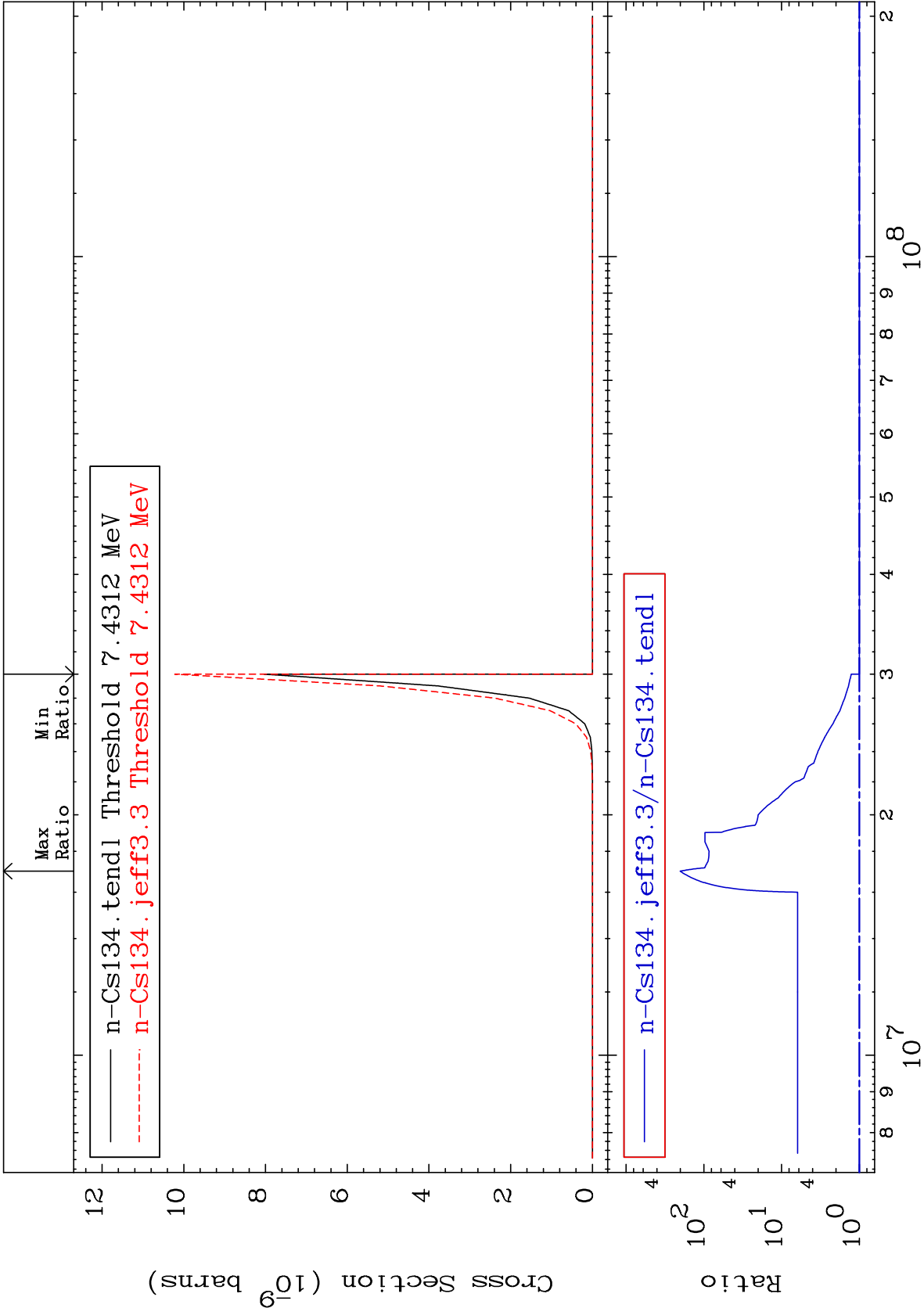
-0.009 To 0.093 %



MAT 5528

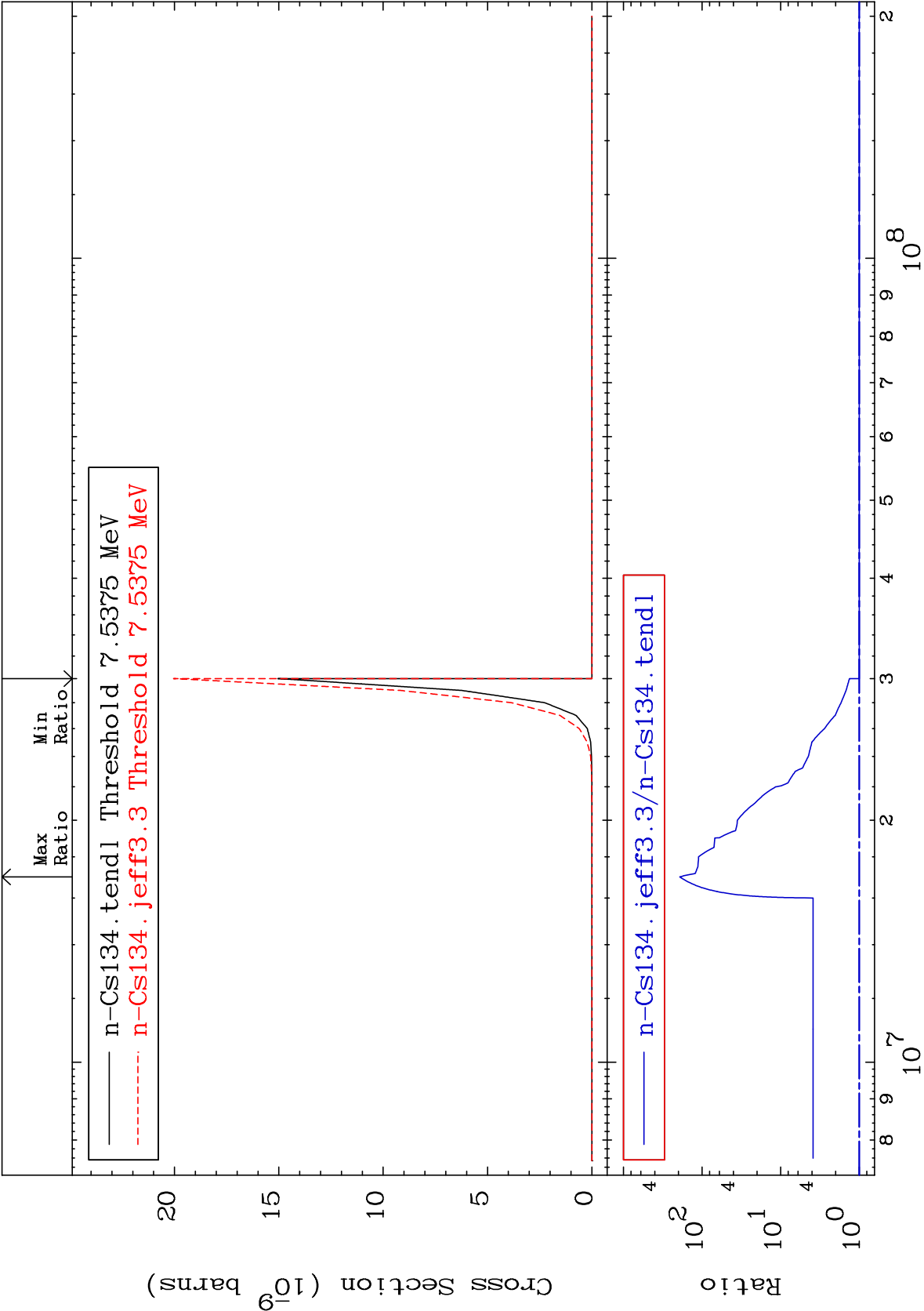
(n,d) α :52-Te-129g 55-Cs-134

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 5528

(n,d) α :52-Te-129m1
Radionuclide Production Cross Section 0.000 55-Cs-134
To 9999. %



108

Incident Energy (eV)

55-Cs-134