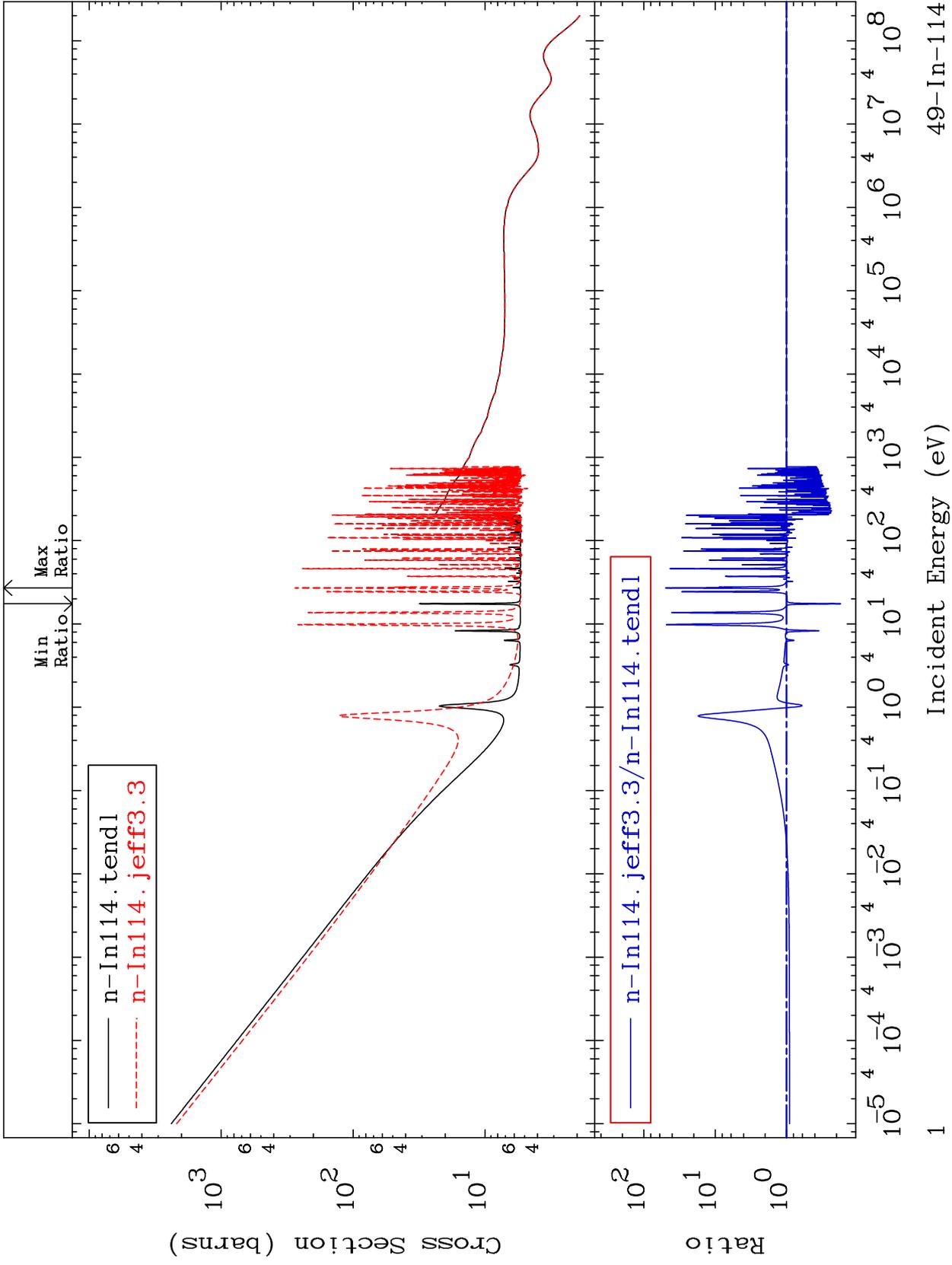


MAT 4928

Total
Cross Section

49-In-114
-82.62 To 4879. %



49-In-114

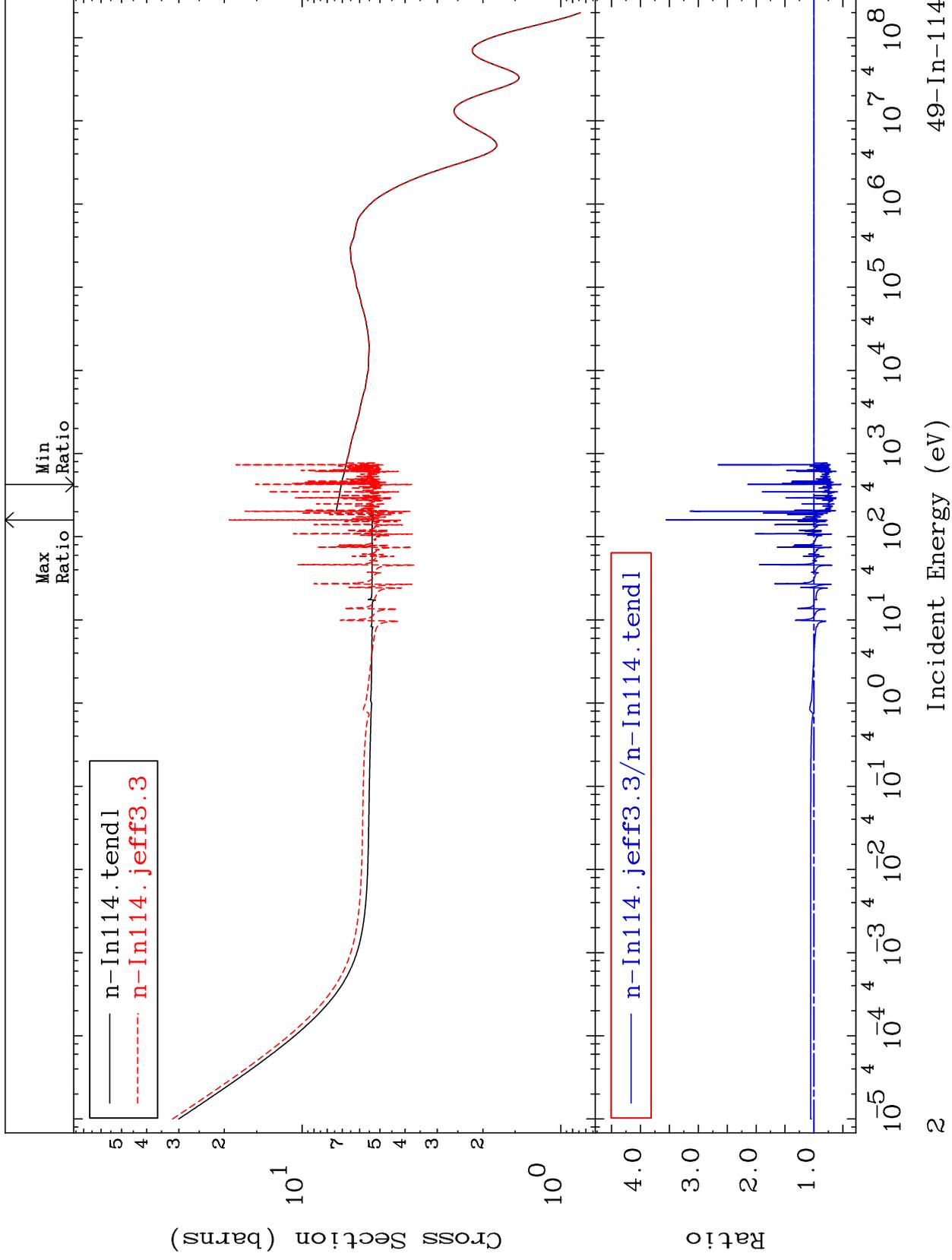
MAT 4928

Elastic

49-In-114

Cross Section

-46.74 To 255.8 %

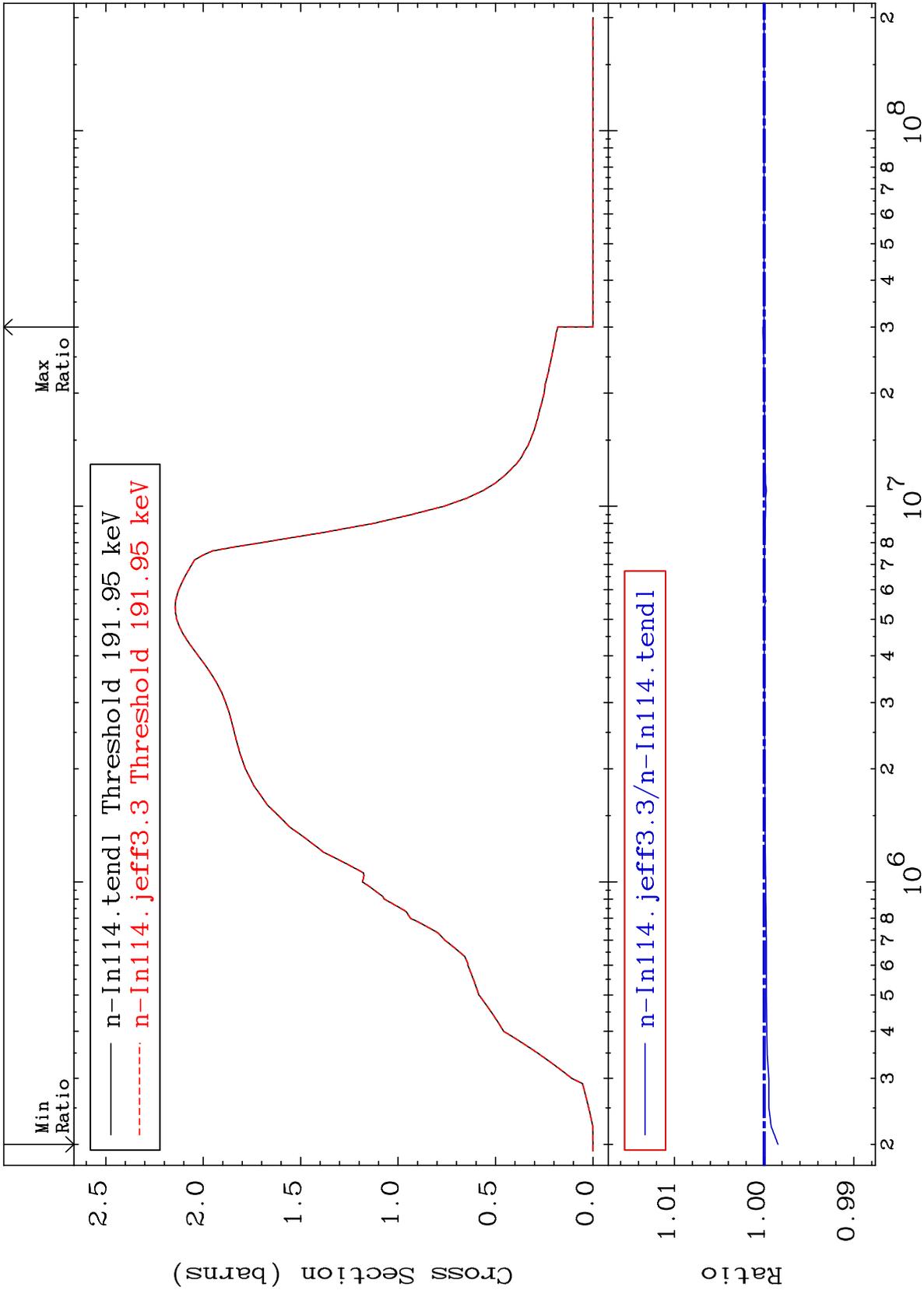


49-In-114

MAT 4928

Inelastic
Cross Section

49-In-114
-0.154 To 0.013 %



3

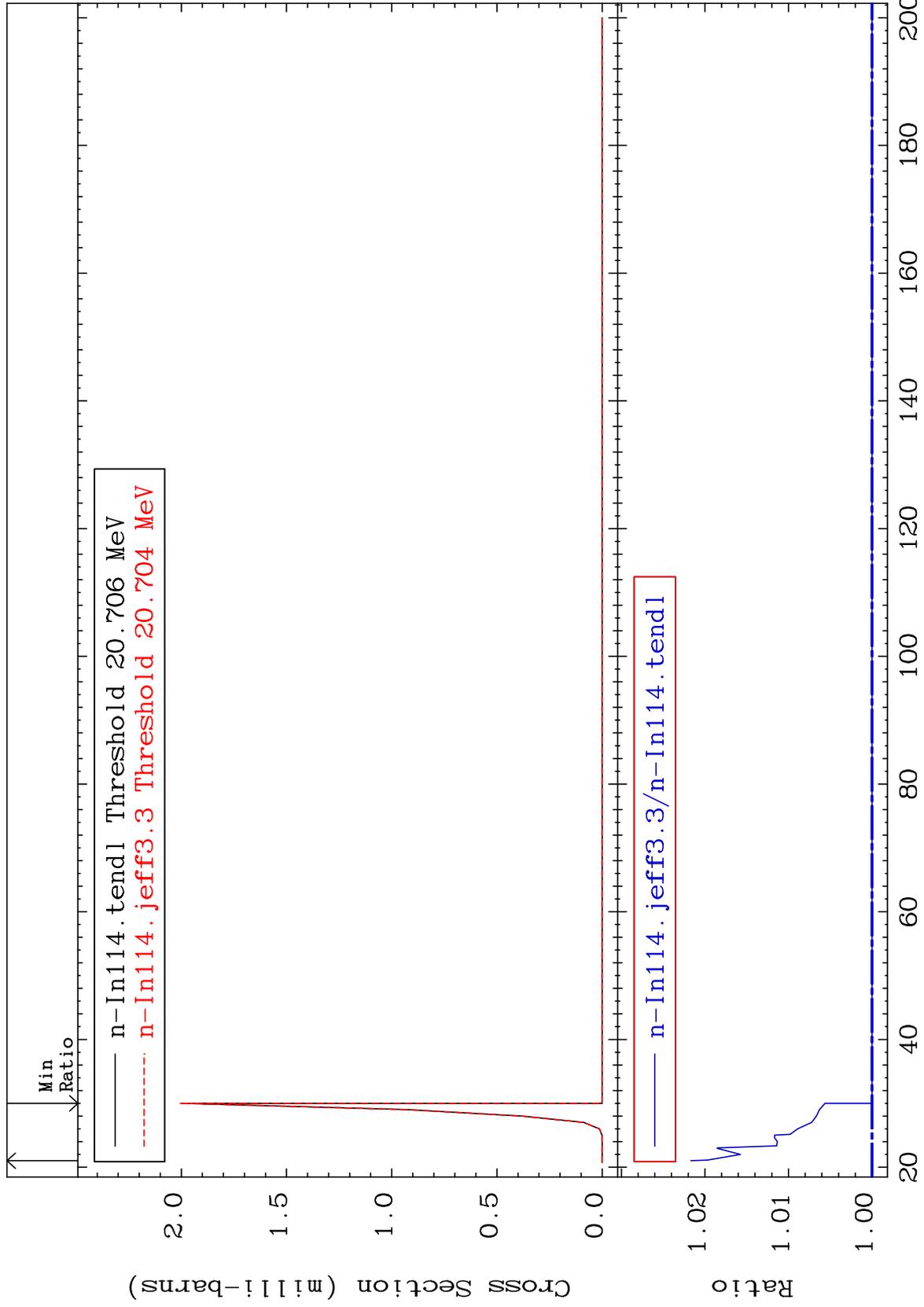
Incident Energy (eV)

49-In-114

MAT 4928

(n,2n) d
Cross Section

49-In-114
0.000 To 2.168 %



49-In-114

Incident Energy (MeV)

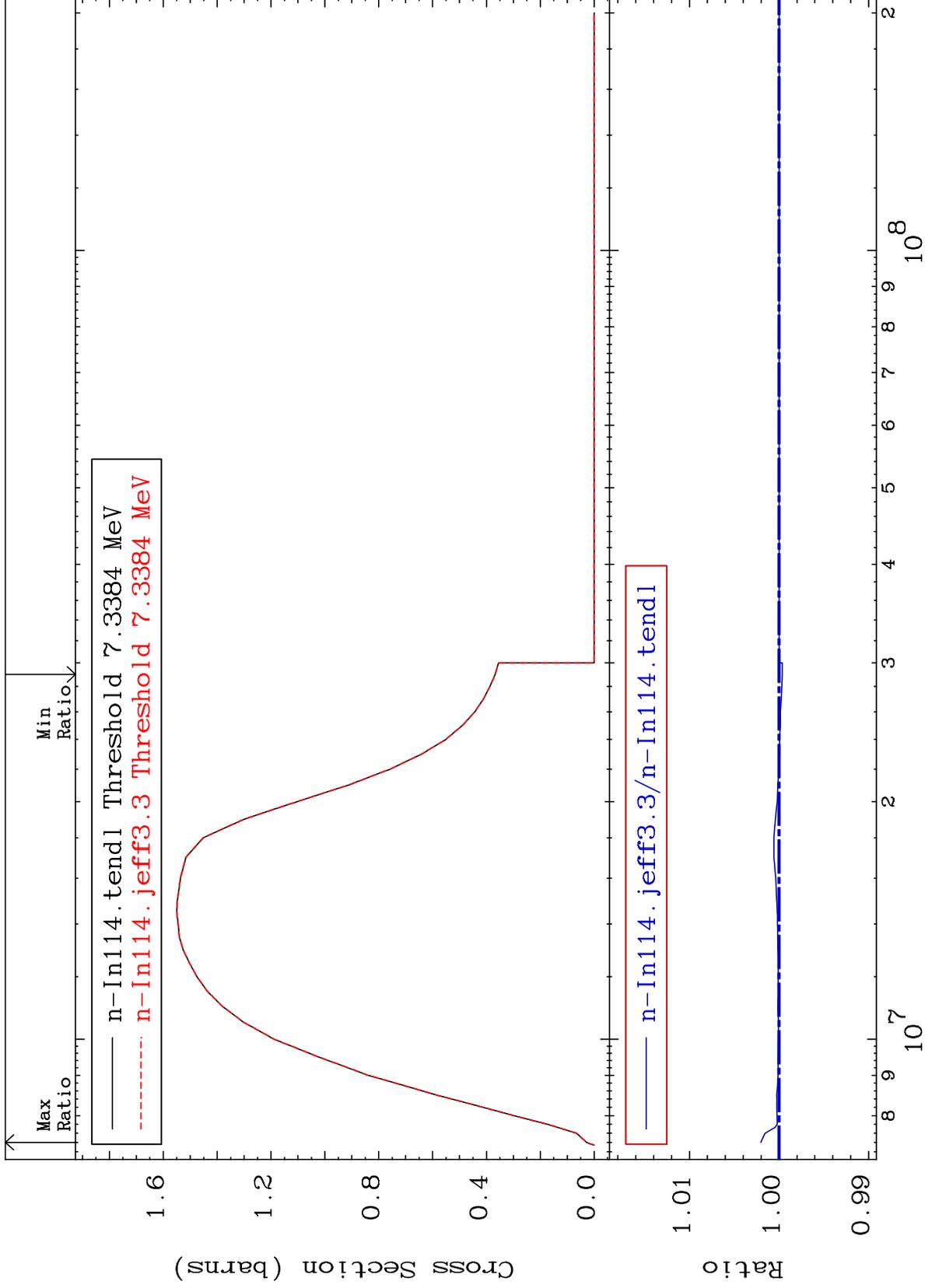
MAT 4928

(n,2n)

49-In-114

Cross Section

-0.037 To 0.205 %



5

Incident Energy (eV)

49-In-114

MAT 4928

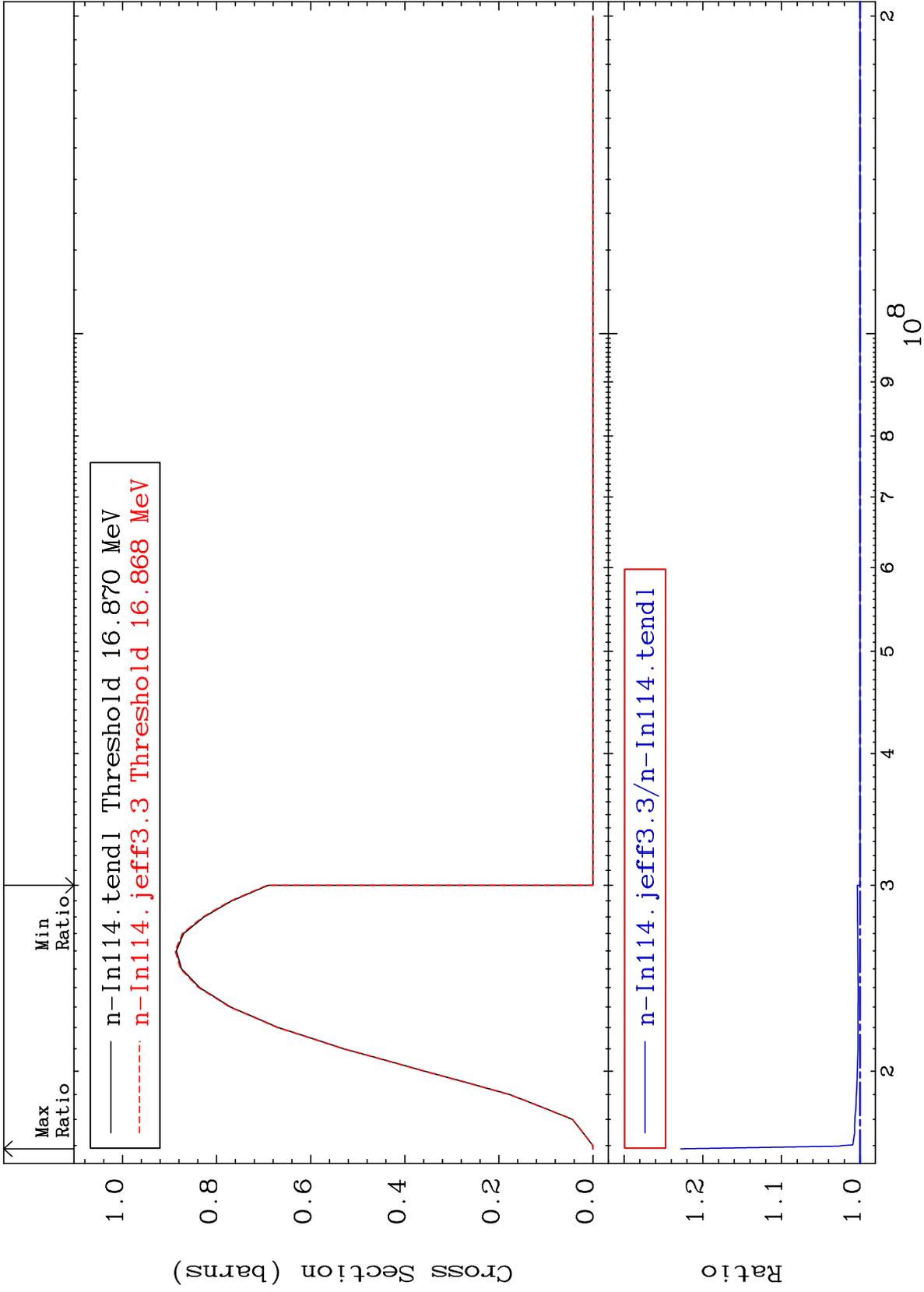
(n,3n)

49-In-114

Cross Section

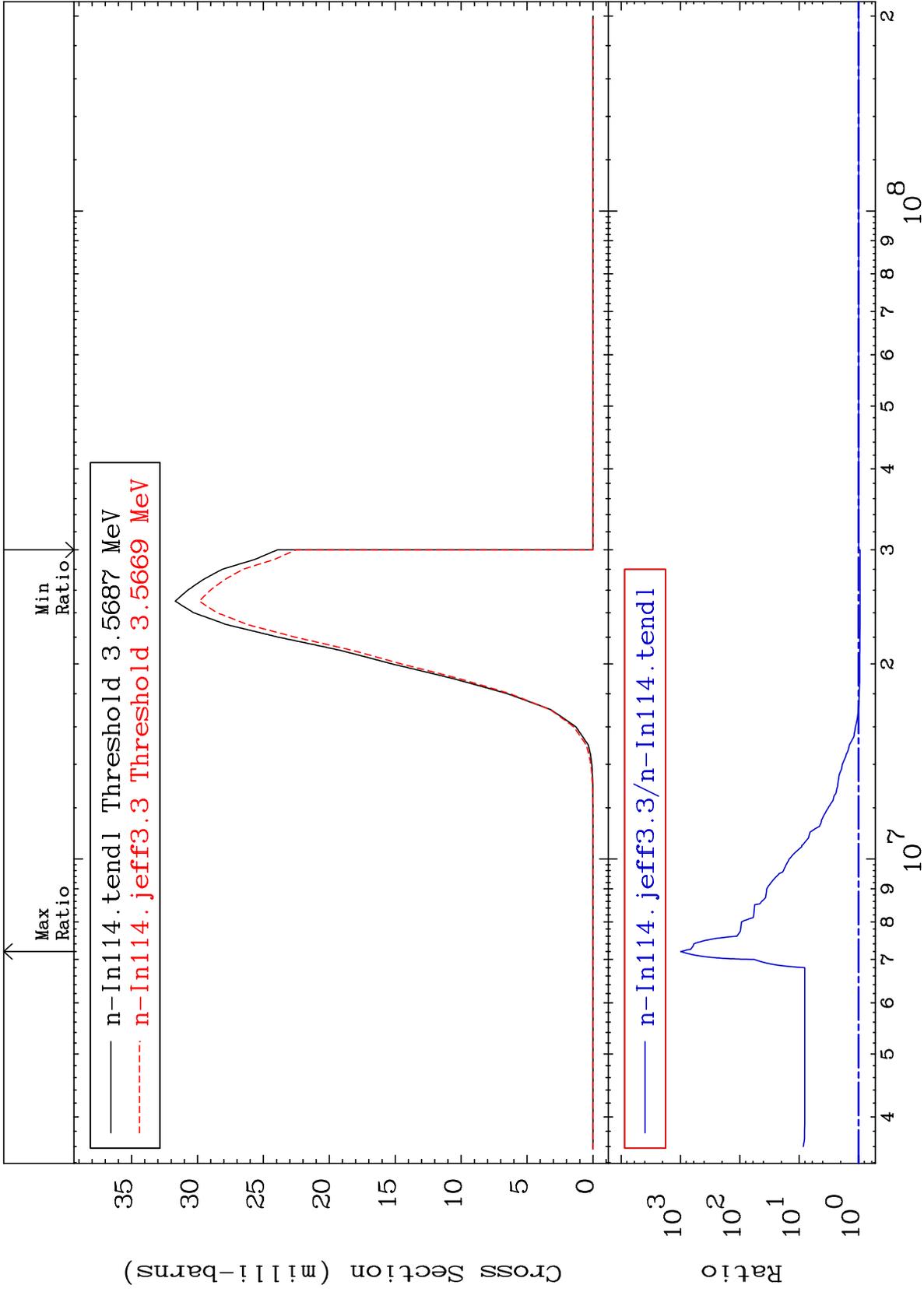
0.000

To 22.80 %



MAT 4928

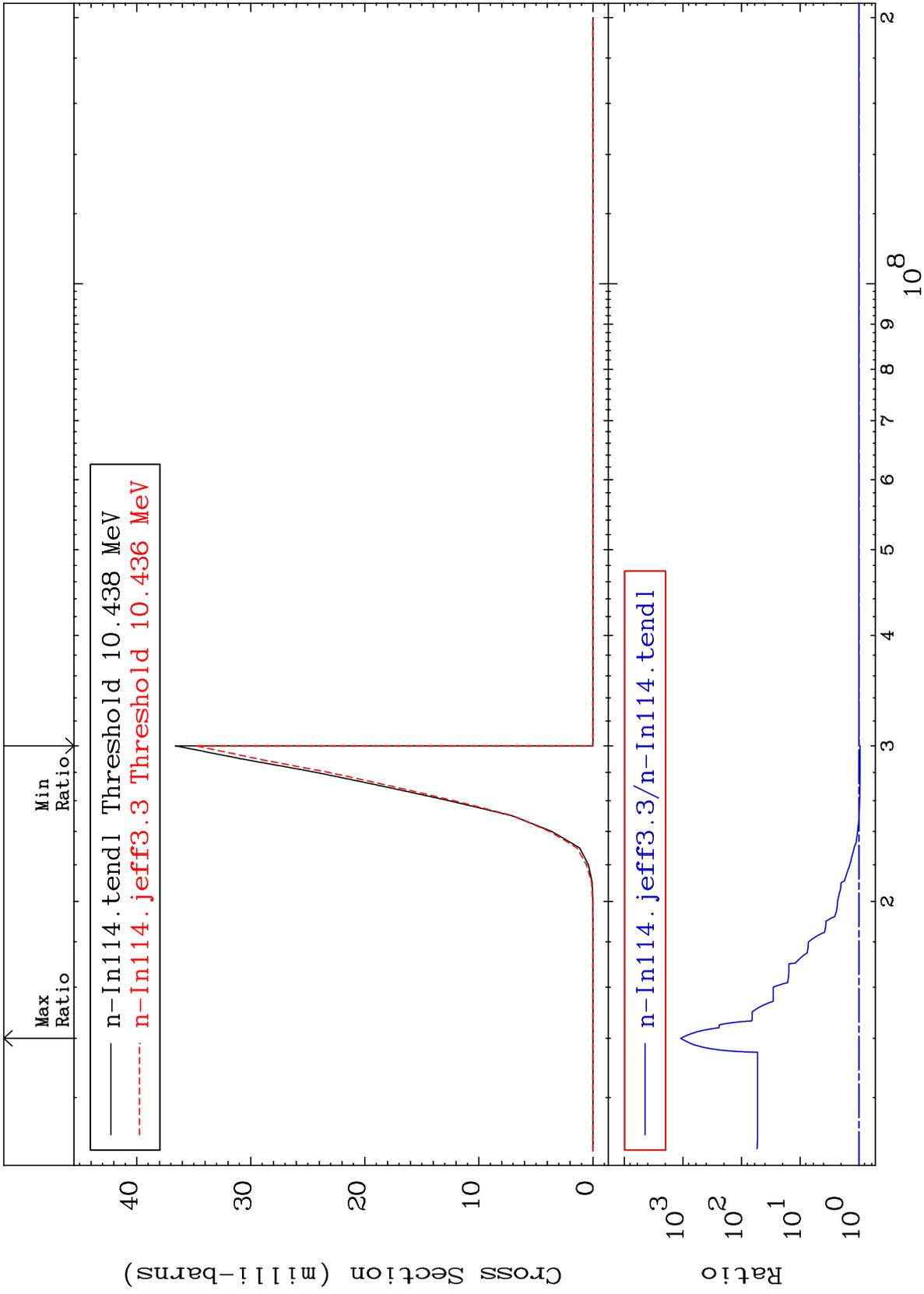
(n,n') α Cross Section
49-In-114
-5.902 To 9999. %



MAT 4928

(n,2n) α
Cross Section

49-In-114
-4.811 To 9999. %



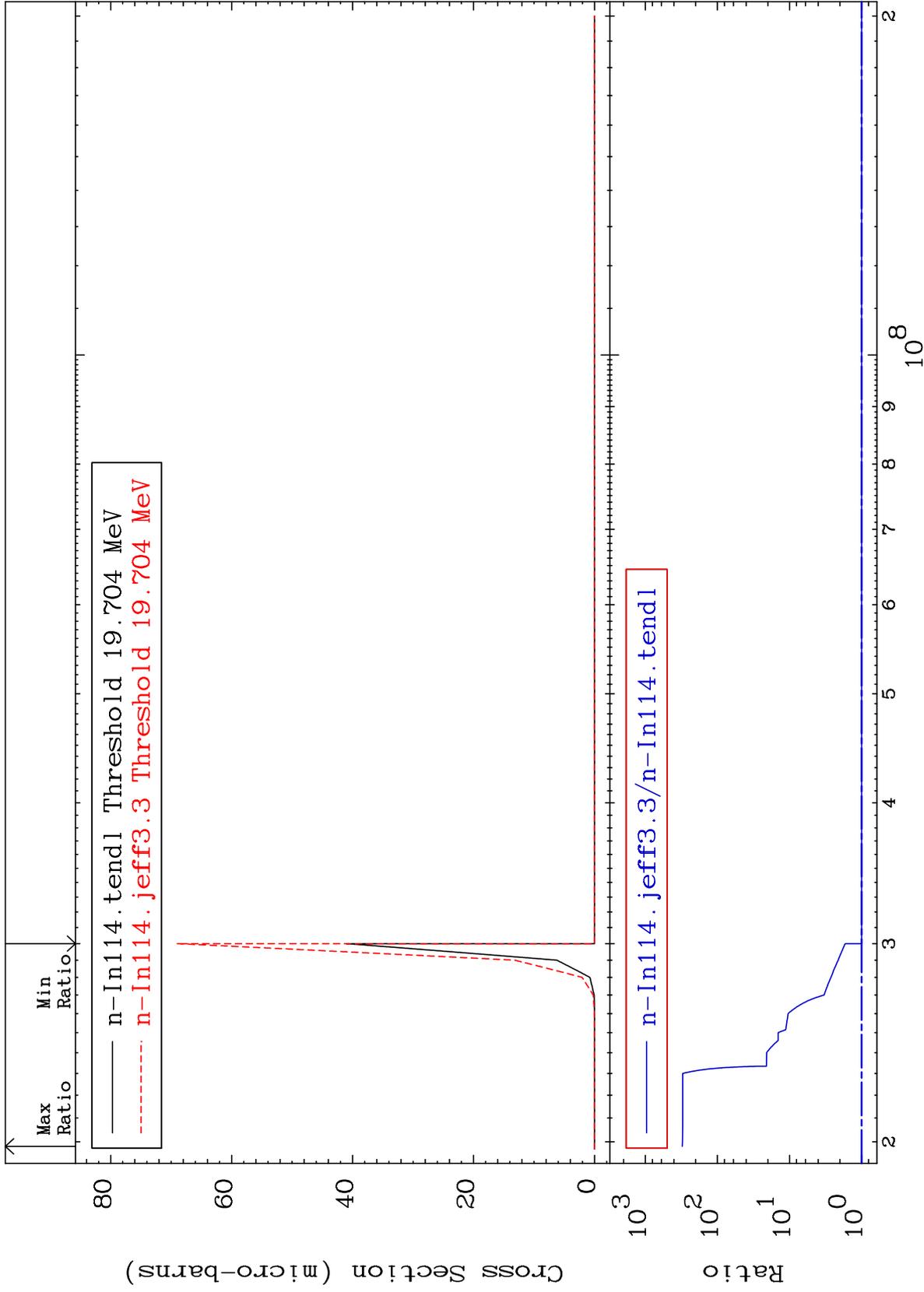
MAT 4928

(n,3n) α

49-In-114

Cross Section

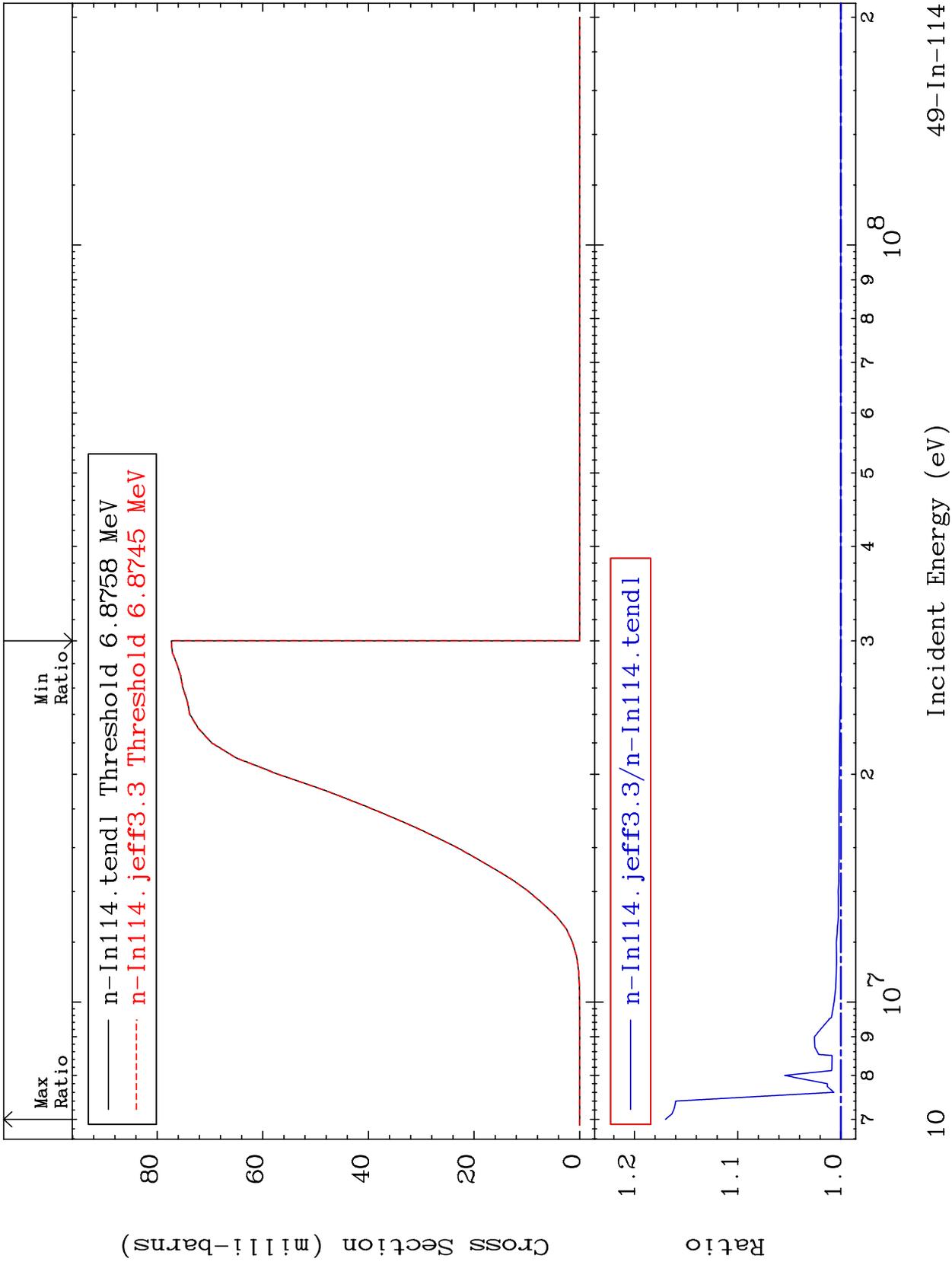
0.000 To 9999. %



MAT 4928

(n,n') p
Cross Section

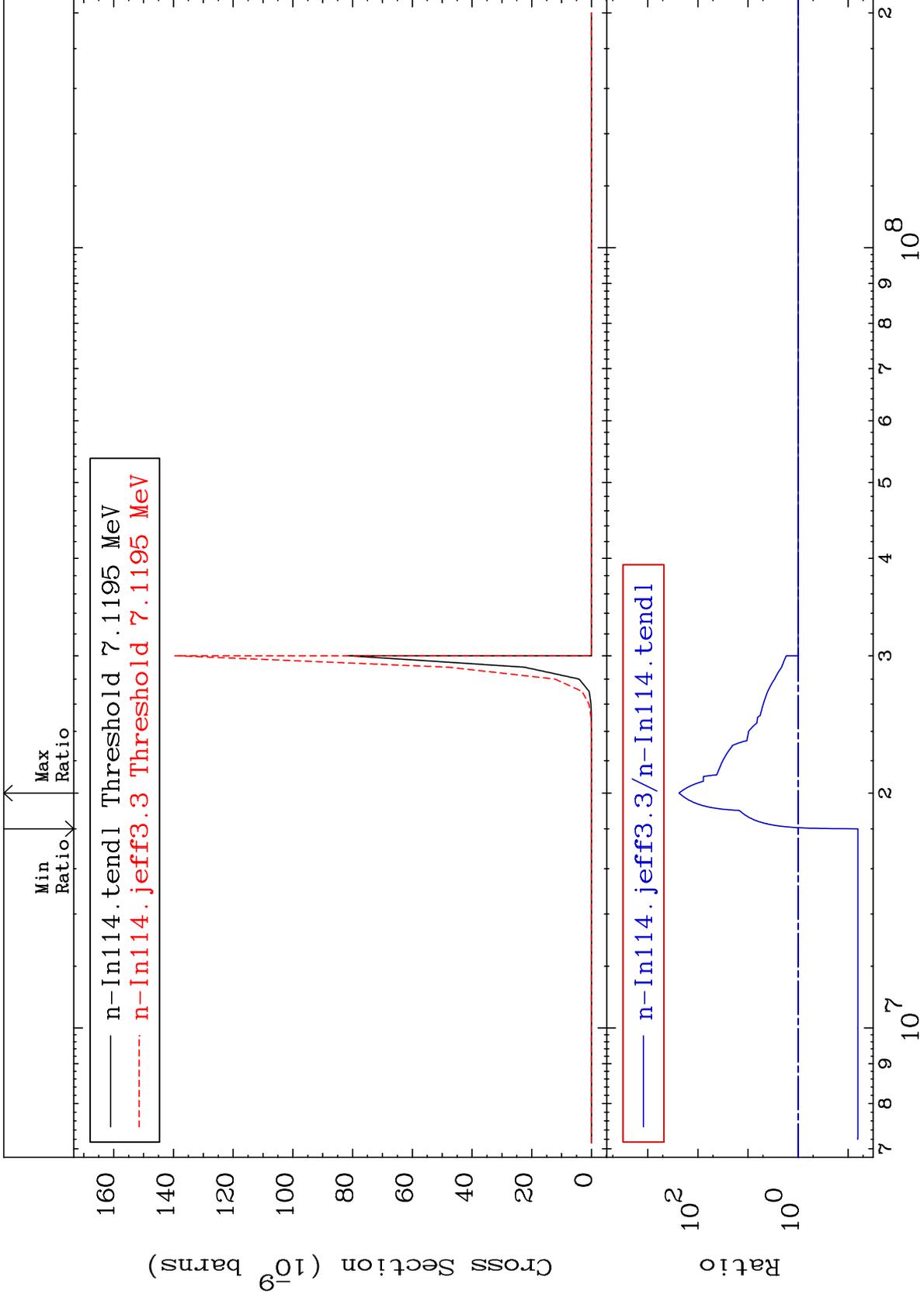
49-In-114
To 16.99 %



MAT 4928

(n, n') 2α
Cross Section

49-In-114
-93.63 To 9999. %



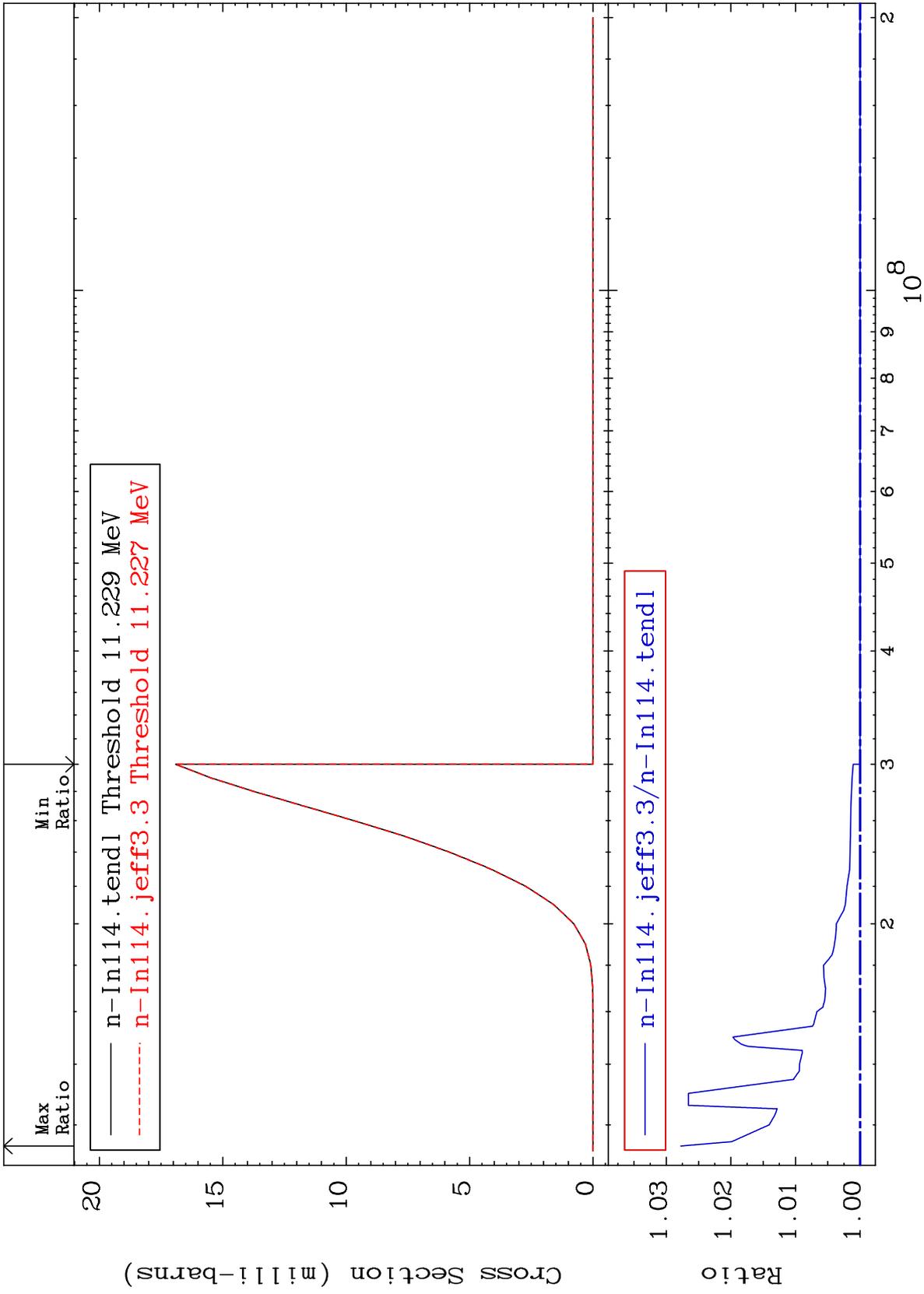
MAT 4928

(n,n') d

49-In-114

Cross Section

0.000 To 2.776 %



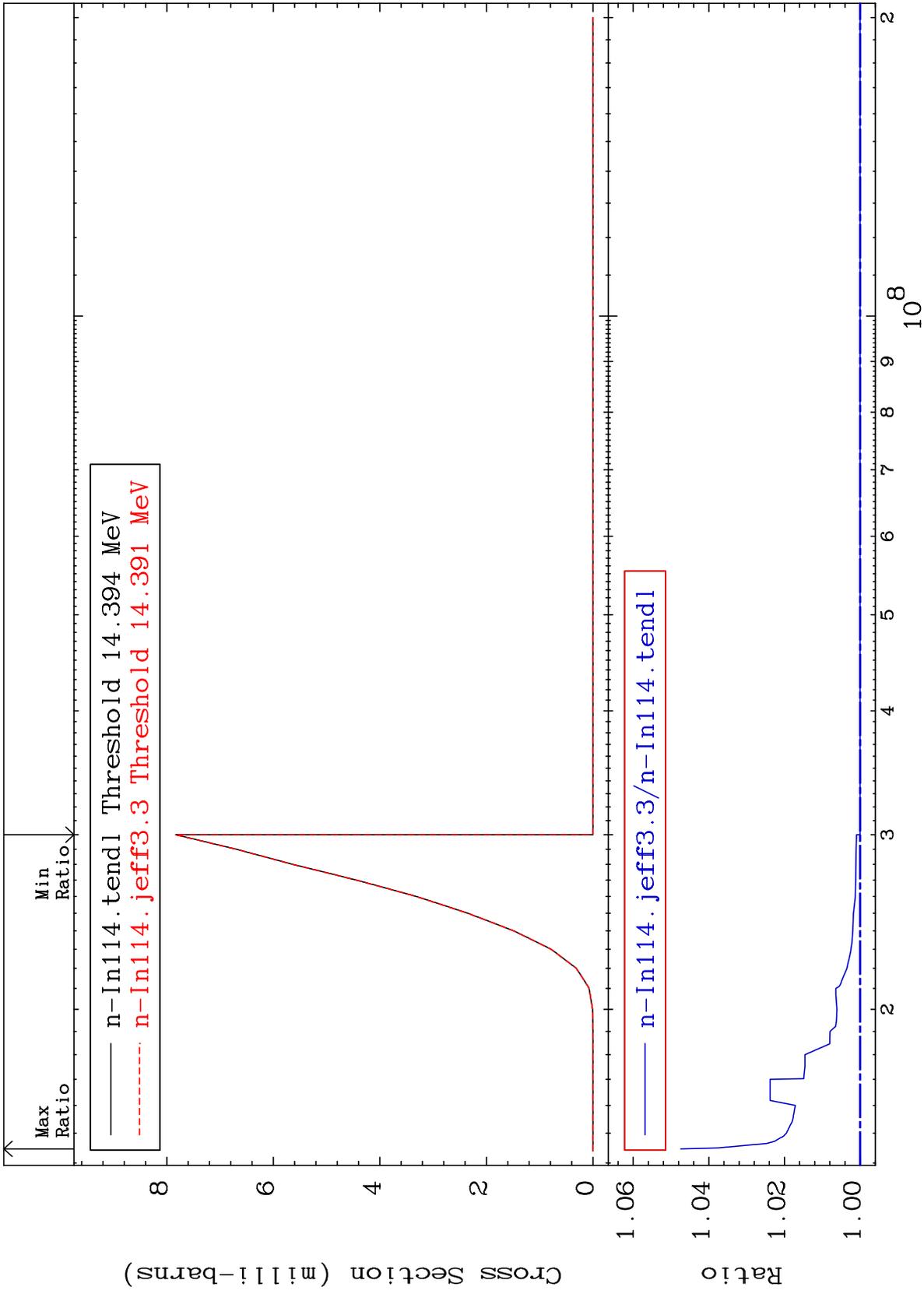
MAT 4928

(n,n') t

49-In-114

Cross Section

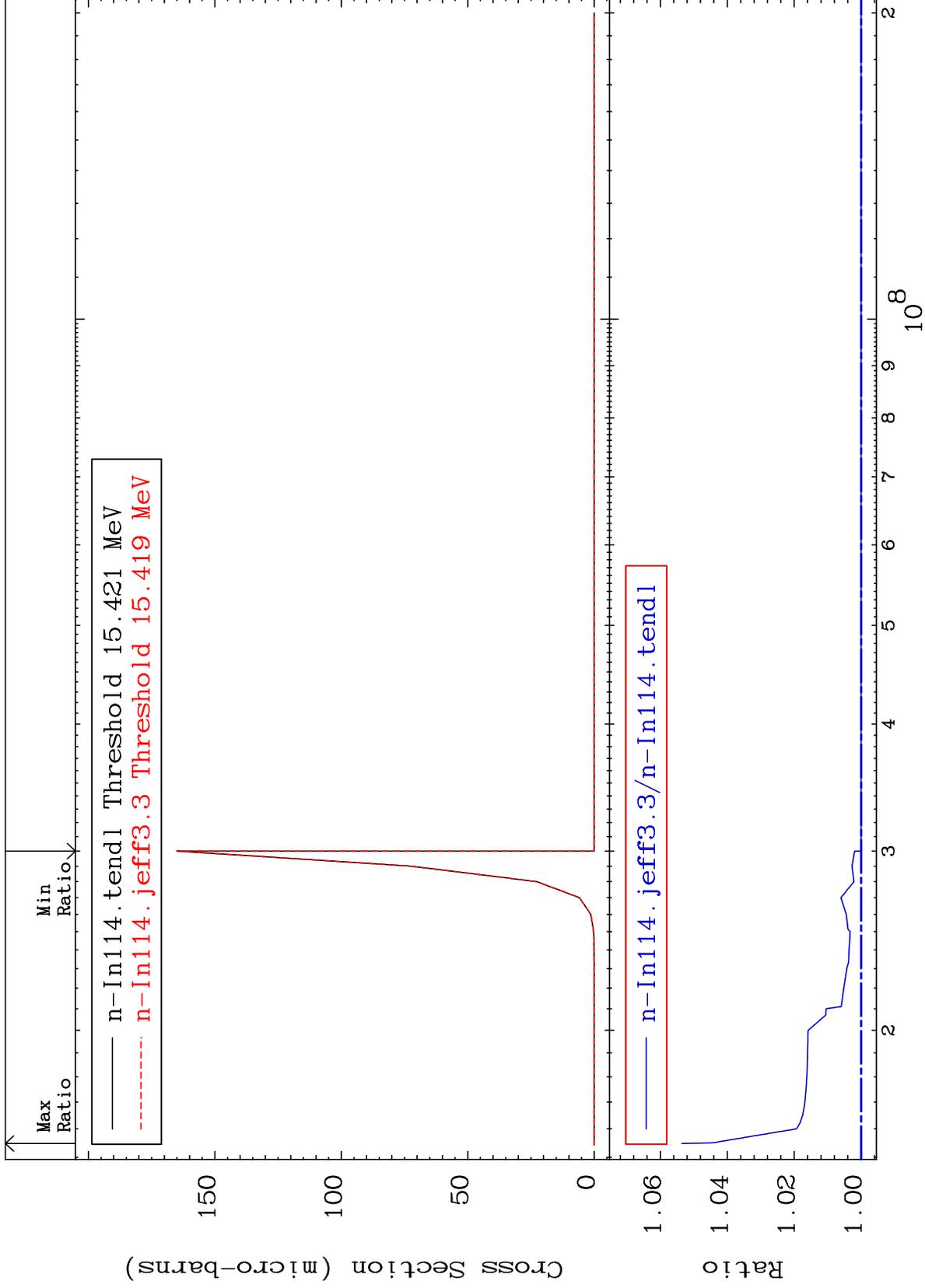
0.000 To 4.742 %



MAT 4928

(n, n') He-3
Cross Section

49-In-114
To 5.356 %



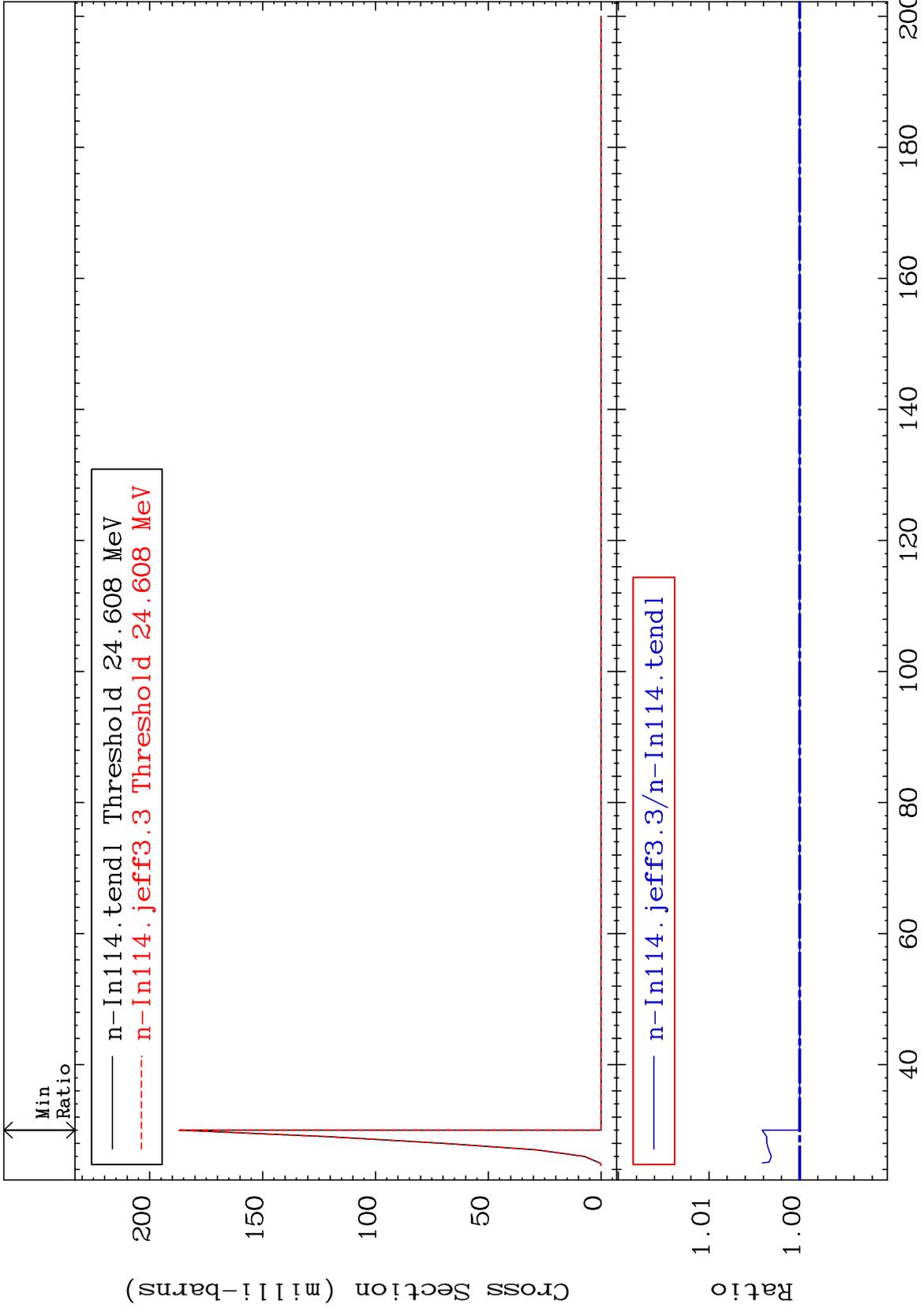
MAT 4928

(n,4n)

49-In-114

Cross Section

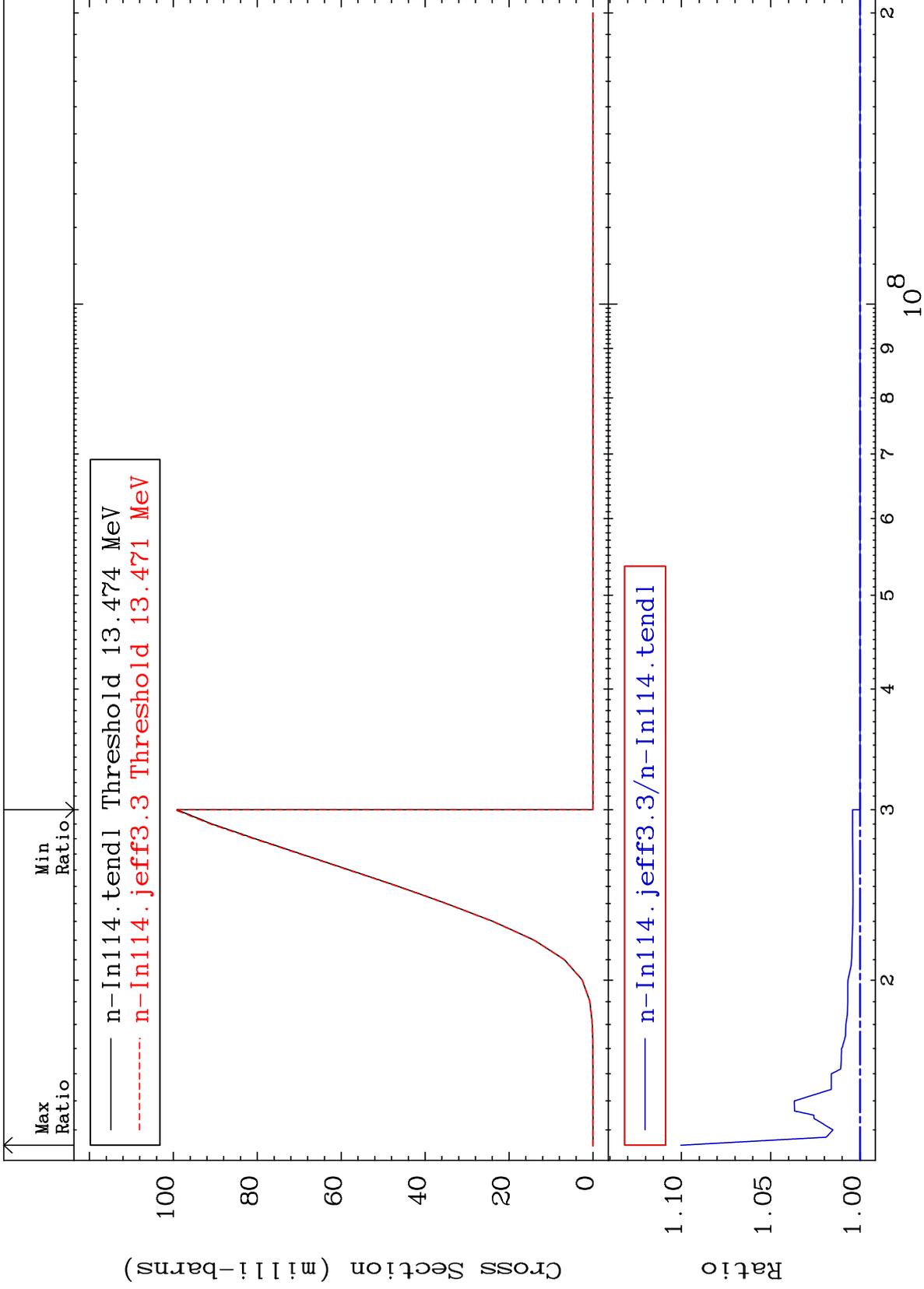
0.000 To 0.413 %



MAT 4928

(n,2n) p
Cross Section

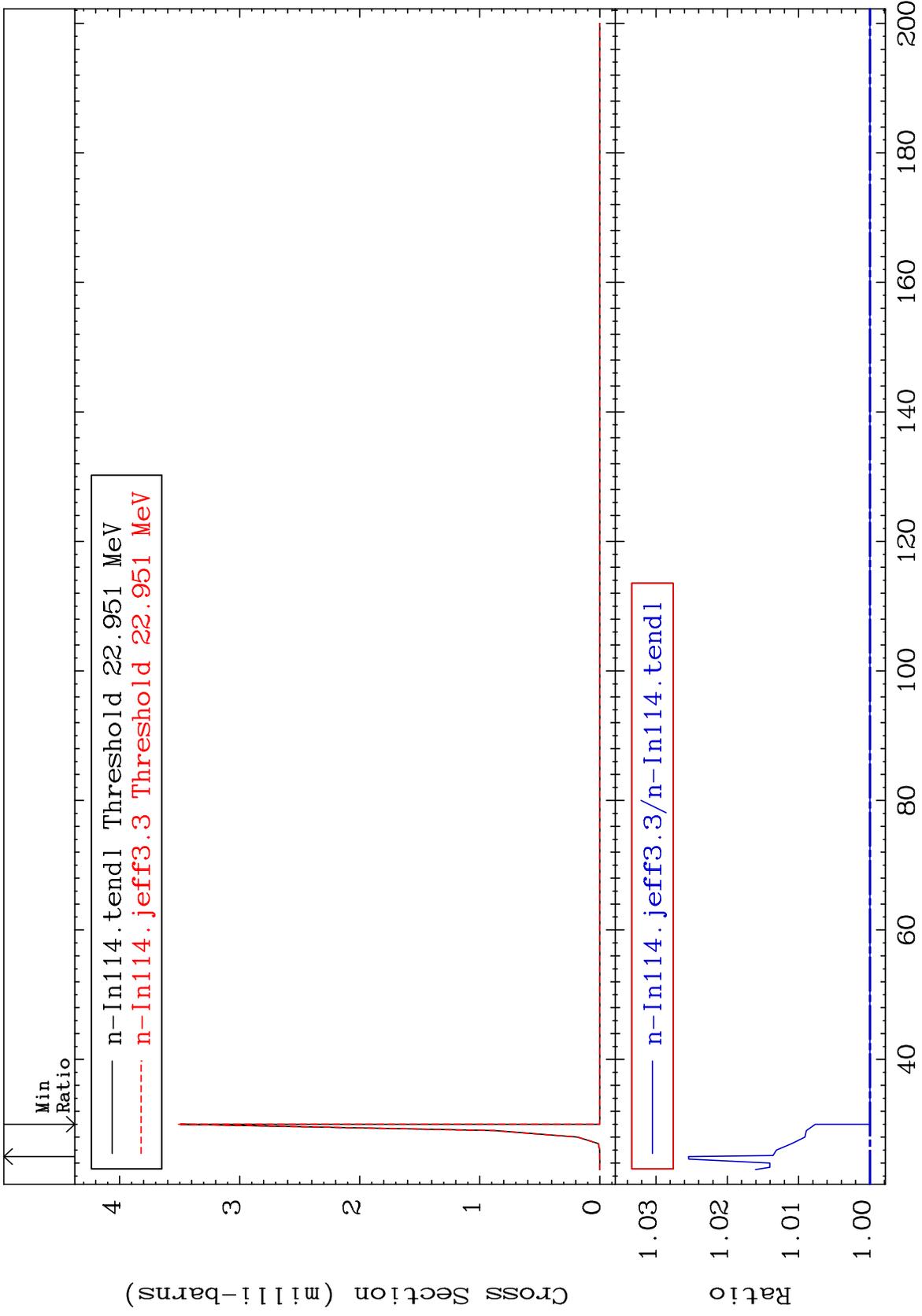
49-In-114
To 10.03 %



MAT 4928

(n,3n) p
Cross Section

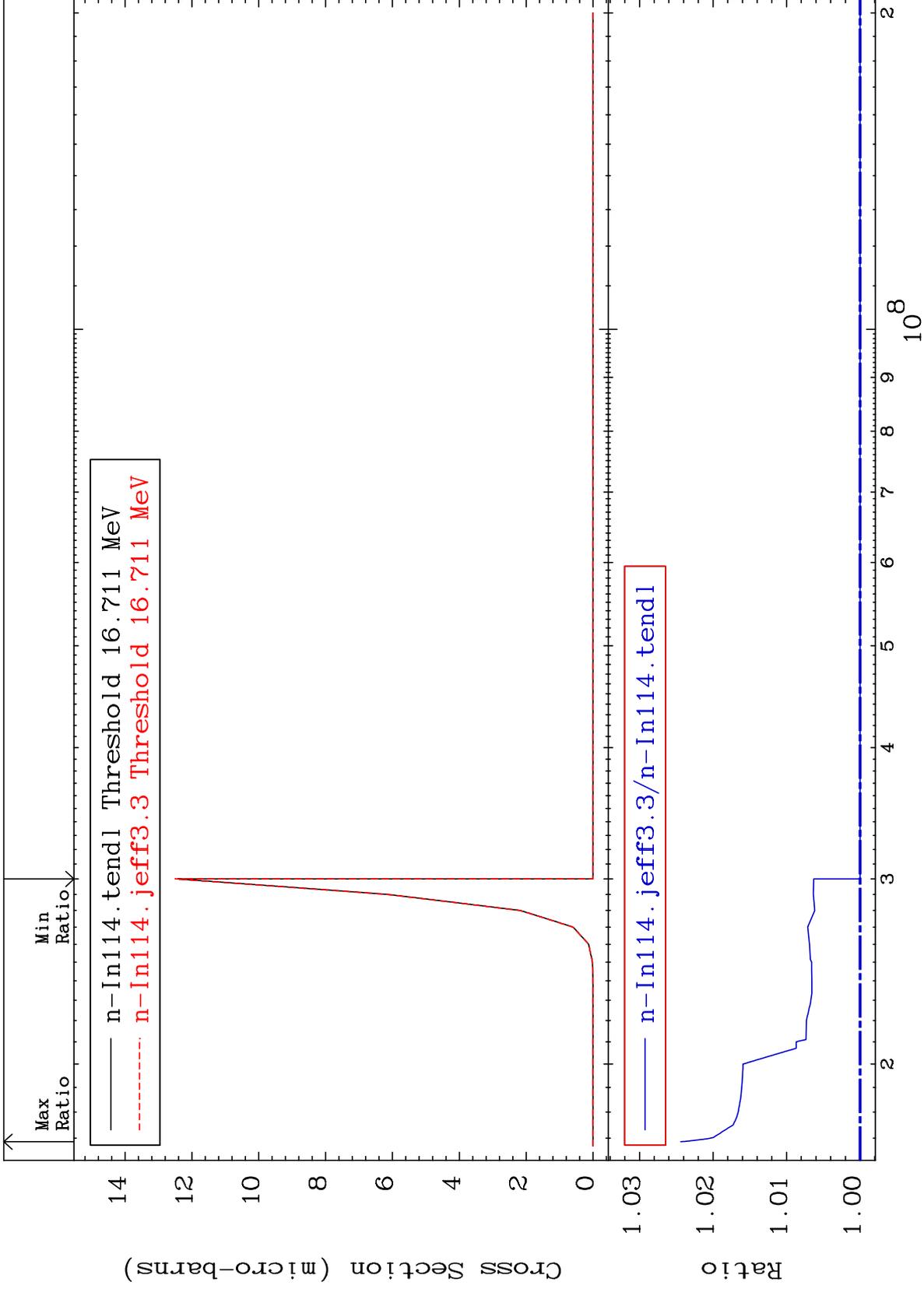
49-In-114
0.000 To 2.543 %



MAT 4928

(n,2n) p
Cross Section

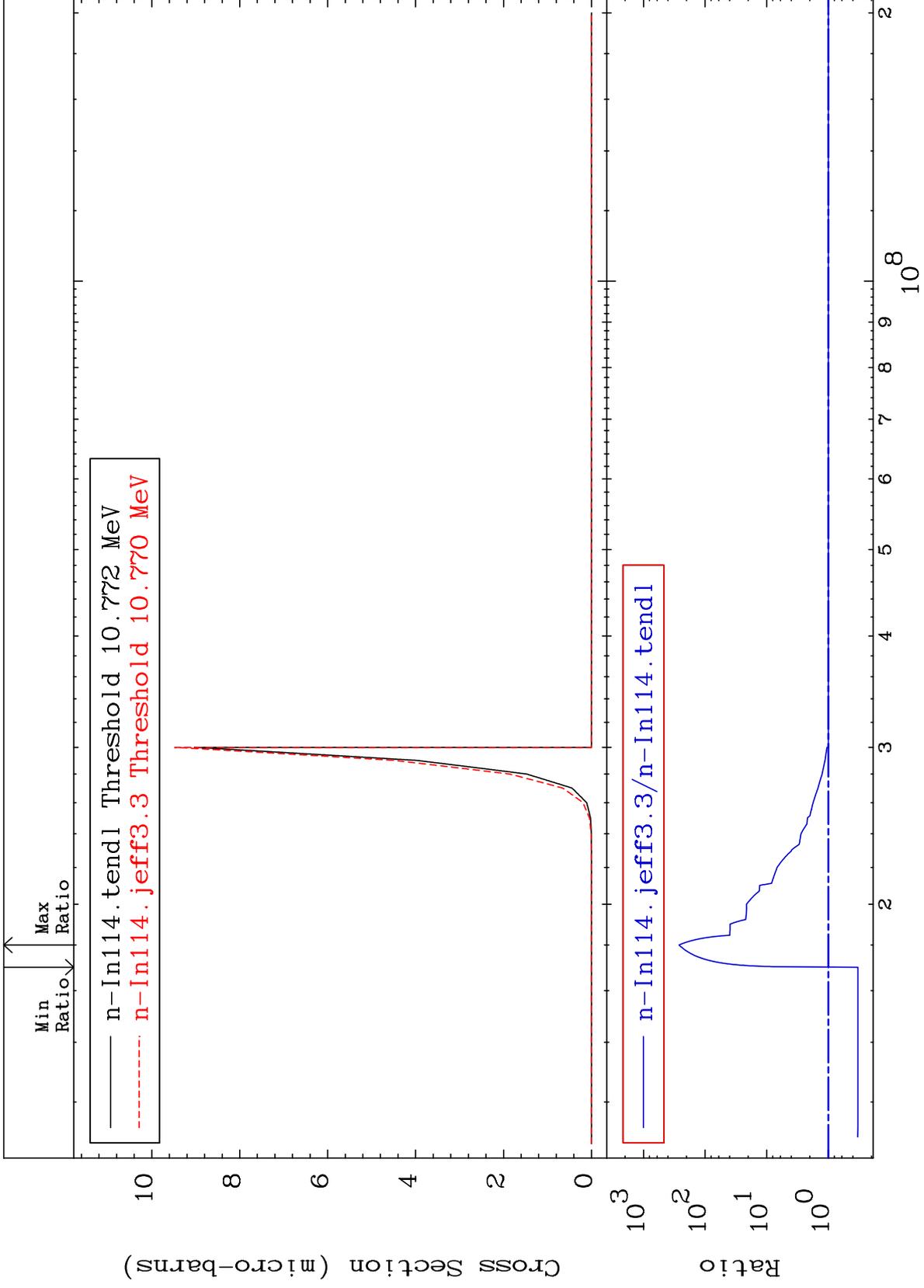
49-In-114
To 2.439 %



18

Incident Energy (eV)

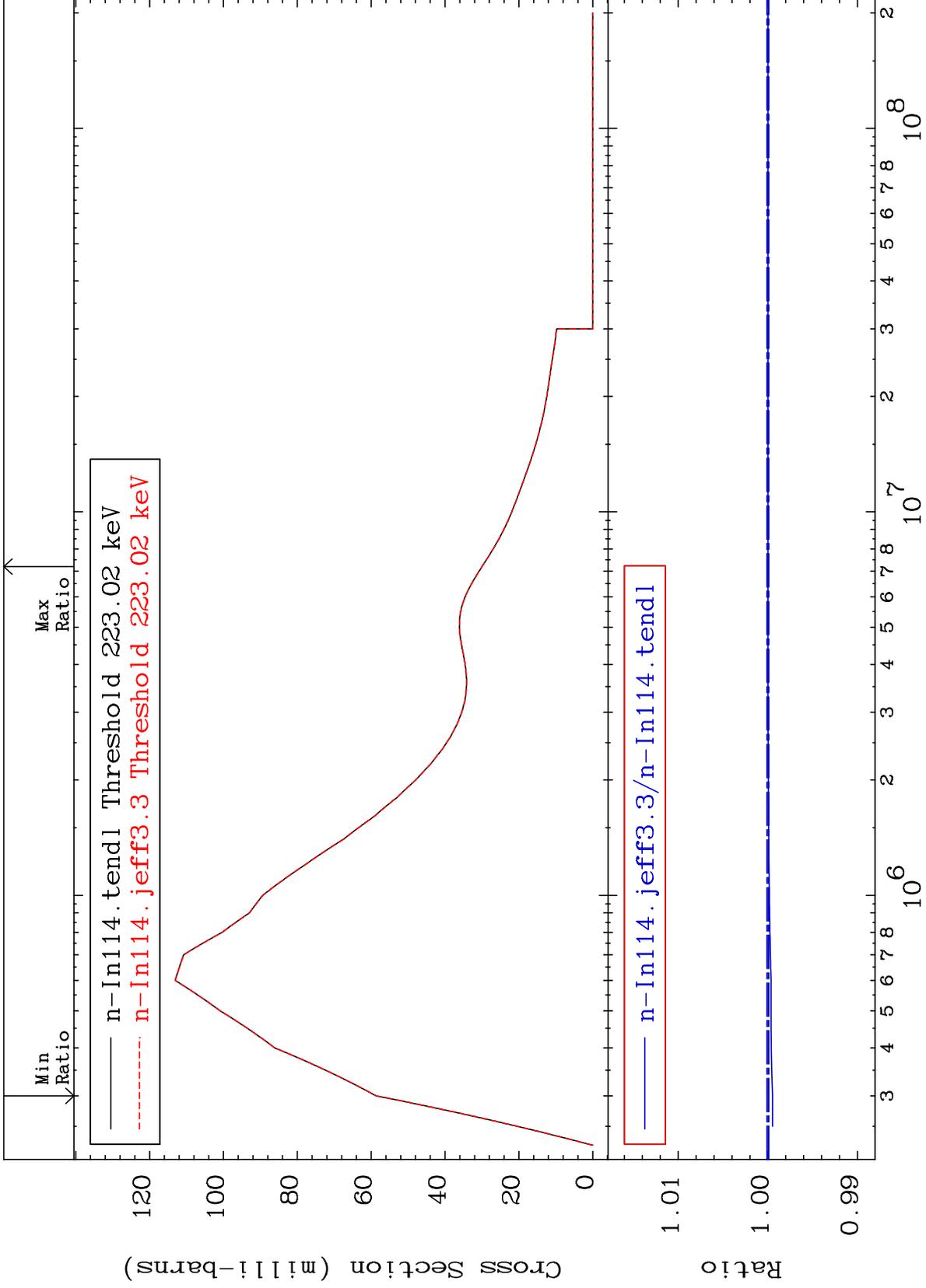
49-In-114



MAT 4928

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

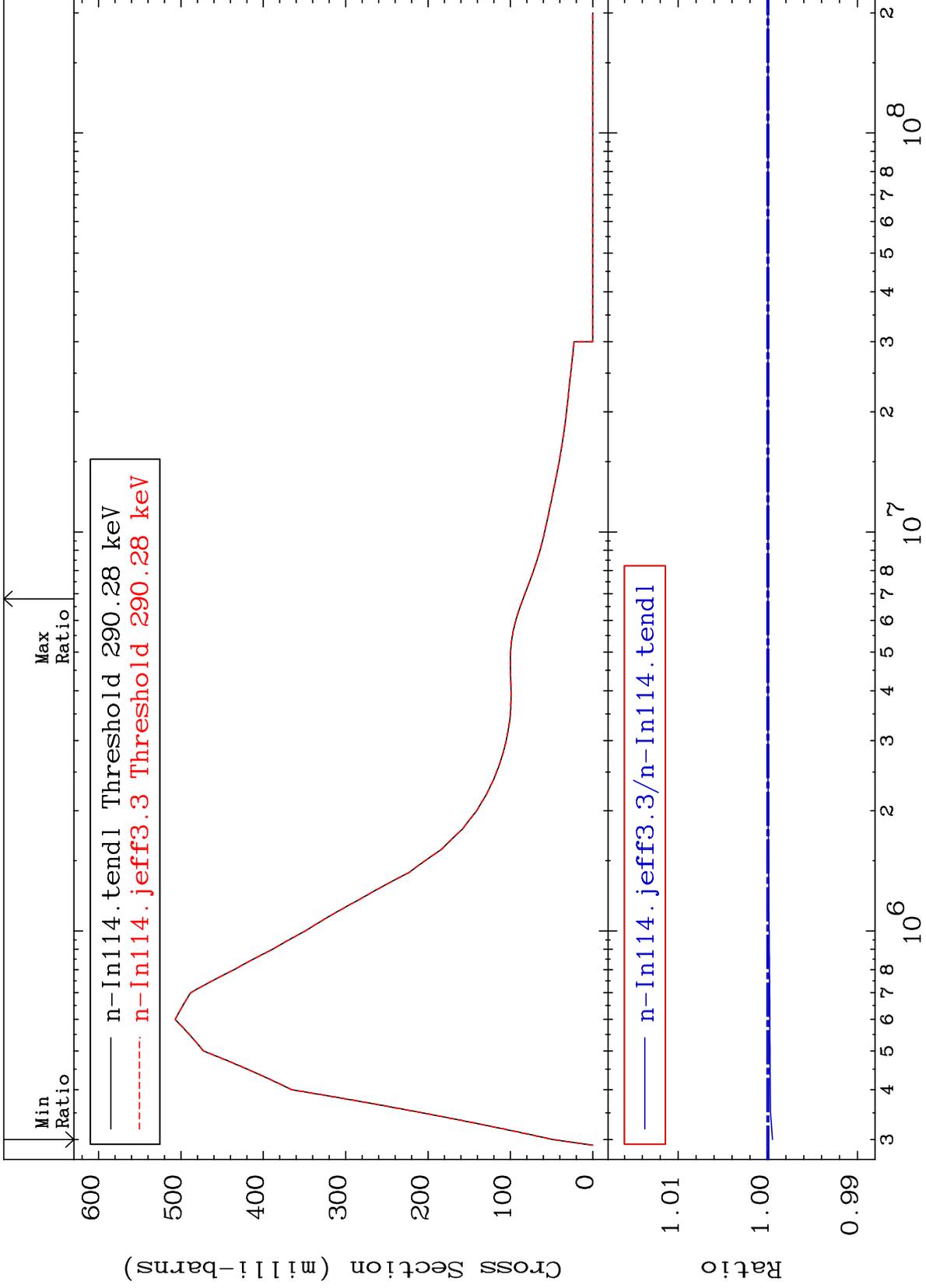
49-In-114
-0.052 To 0.000 %



MAT 4928

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

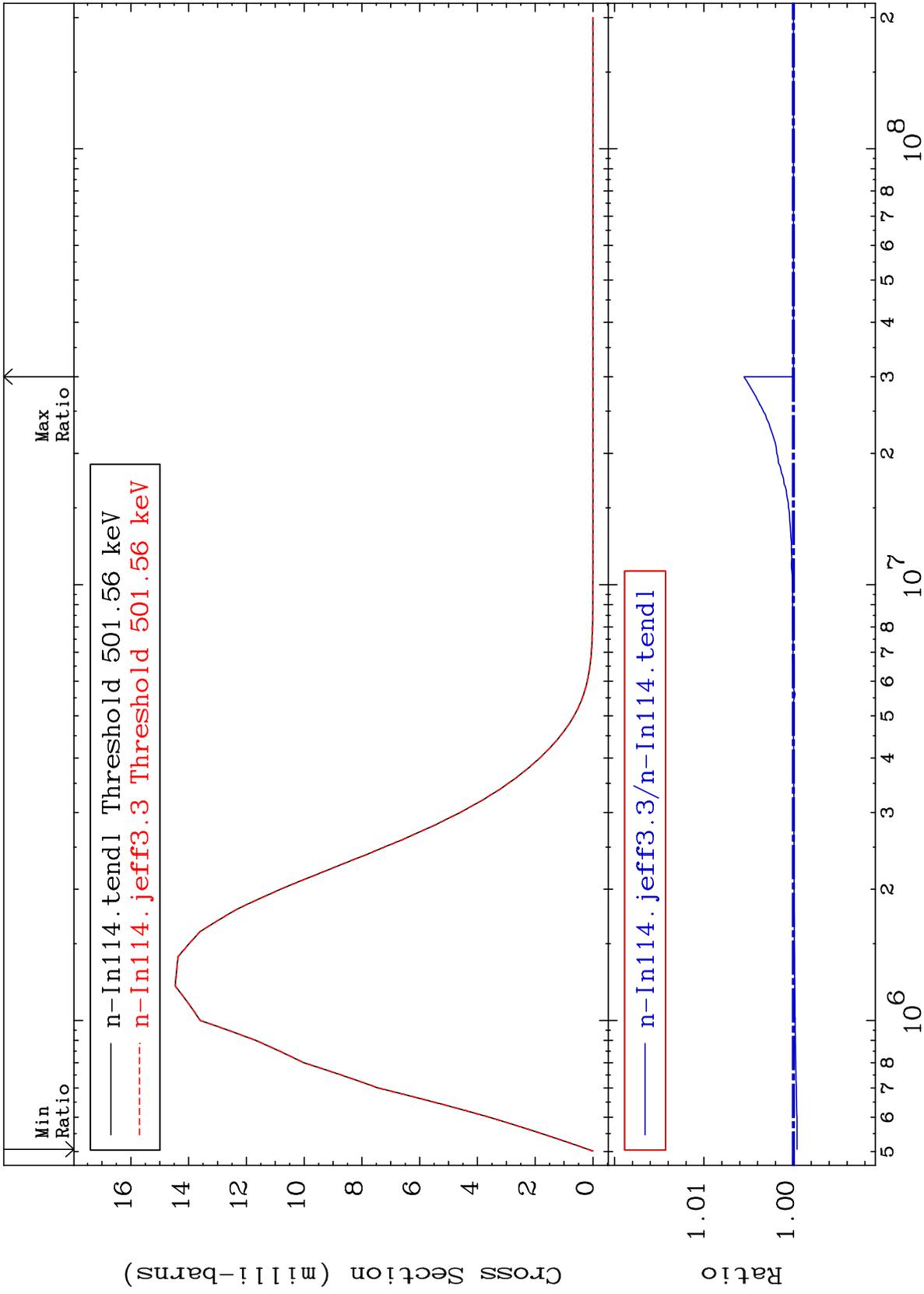
49-In-114
-0.051 To 0.000 %



MAT 4928

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

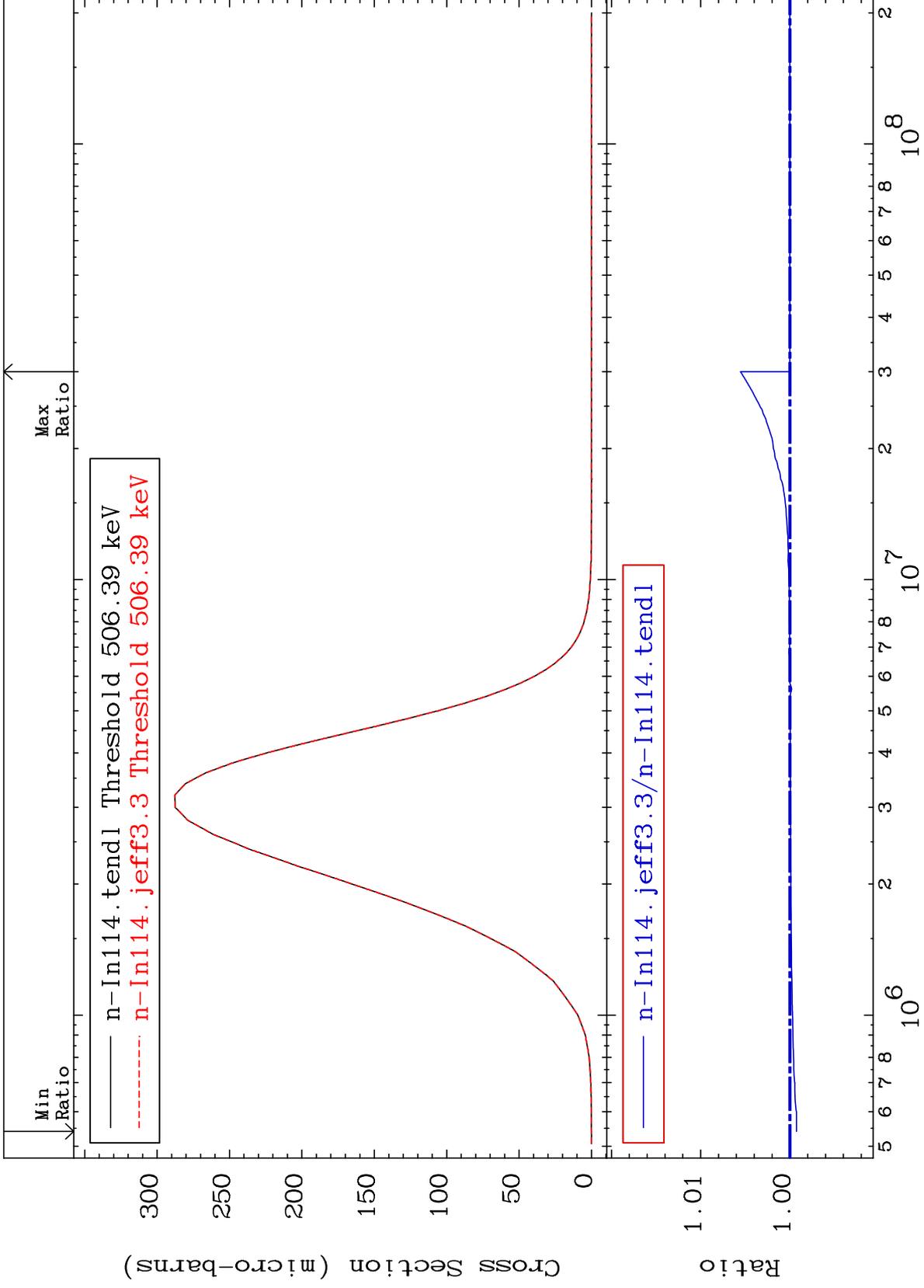
49-In-114
-0.040 To 0.553 %



MAT 4928

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

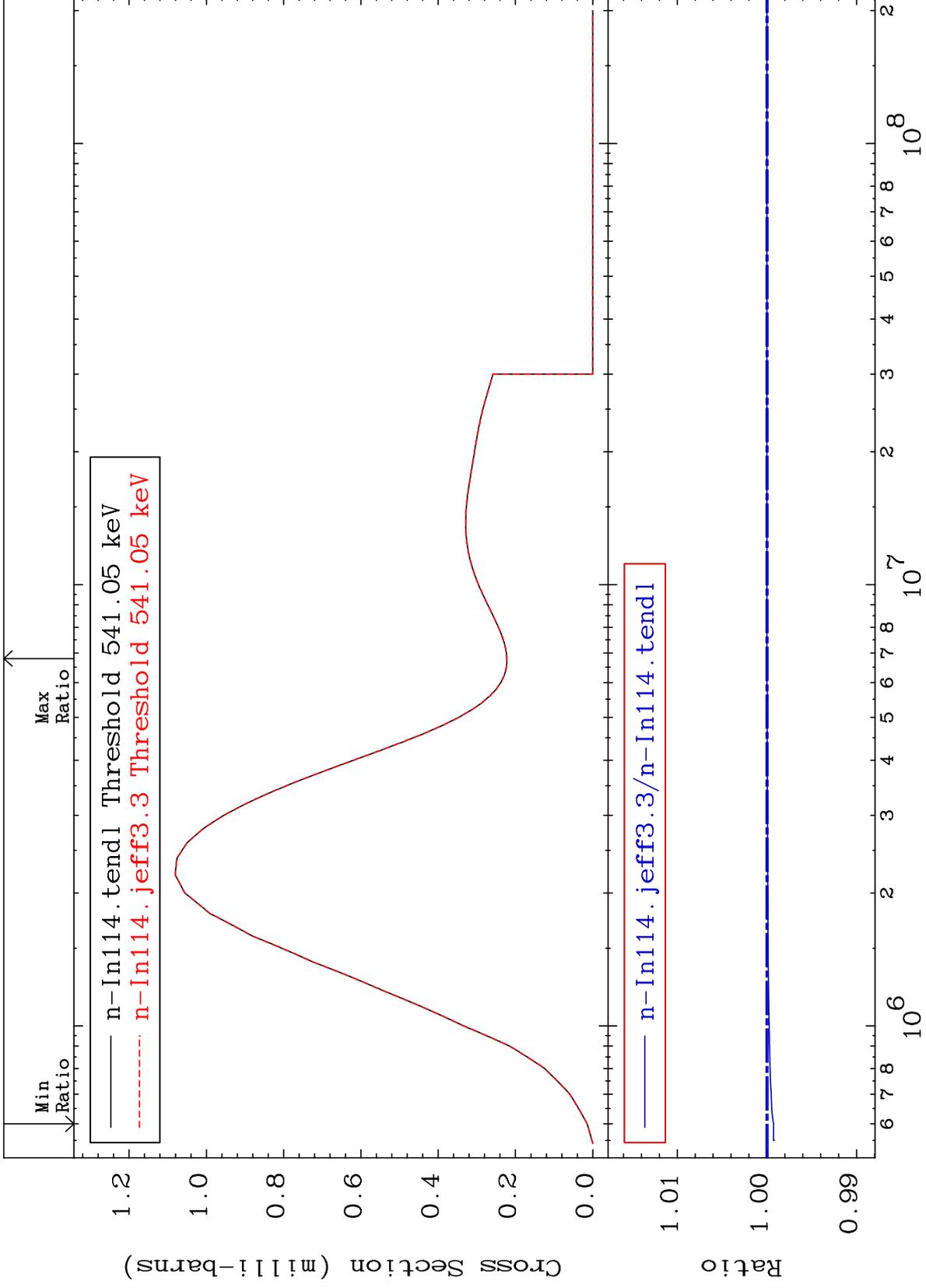
49-In-114
-0.074 To 0.554 %



MAT 4928

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

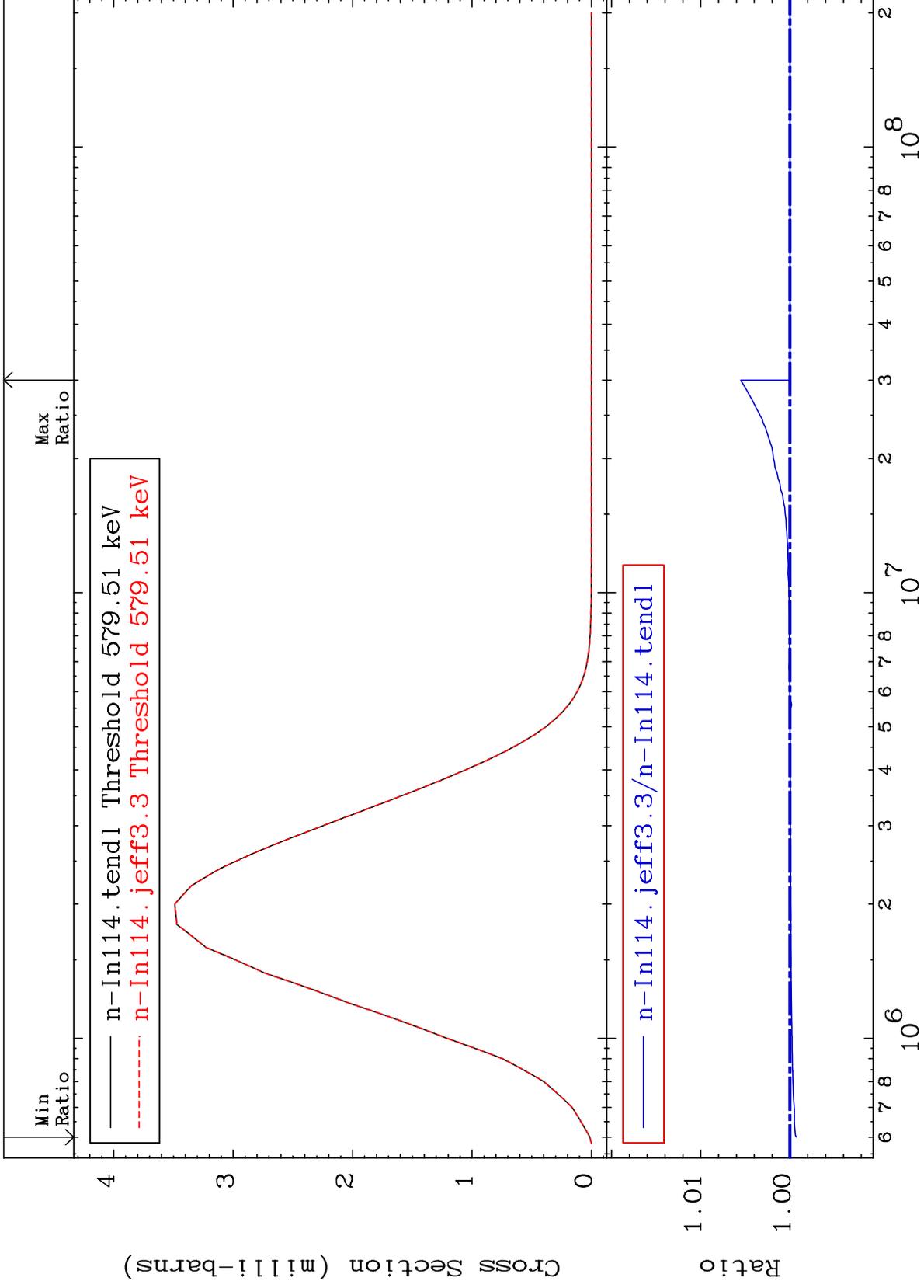
49-In-114
-0.073 To 0.001 %



MAT 4928

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

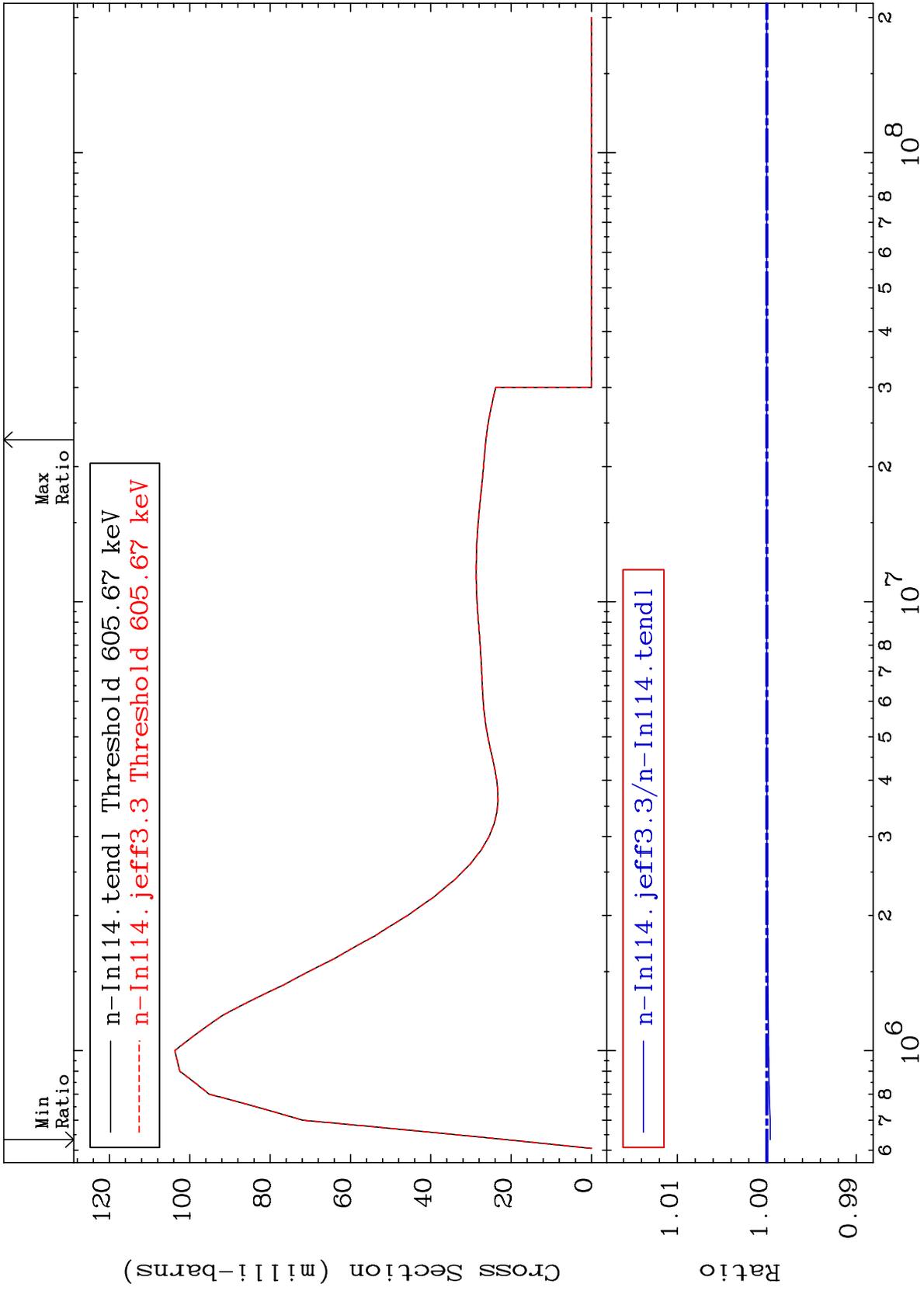
49-In-114
-0.072 To 0.553 %



MAT 4928

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

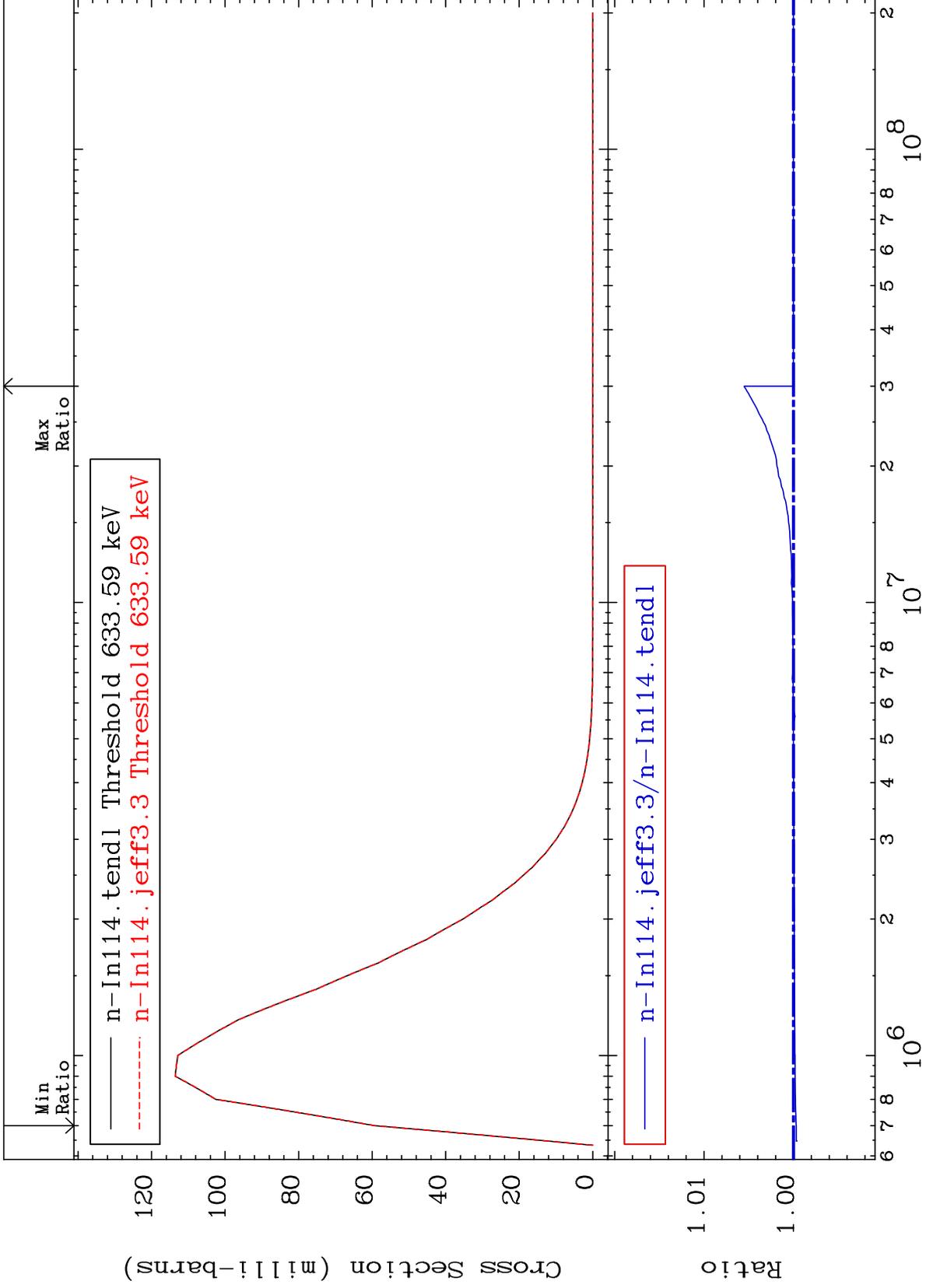
49-In-114
-0.039 To 0.000 %



MAT 4928

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

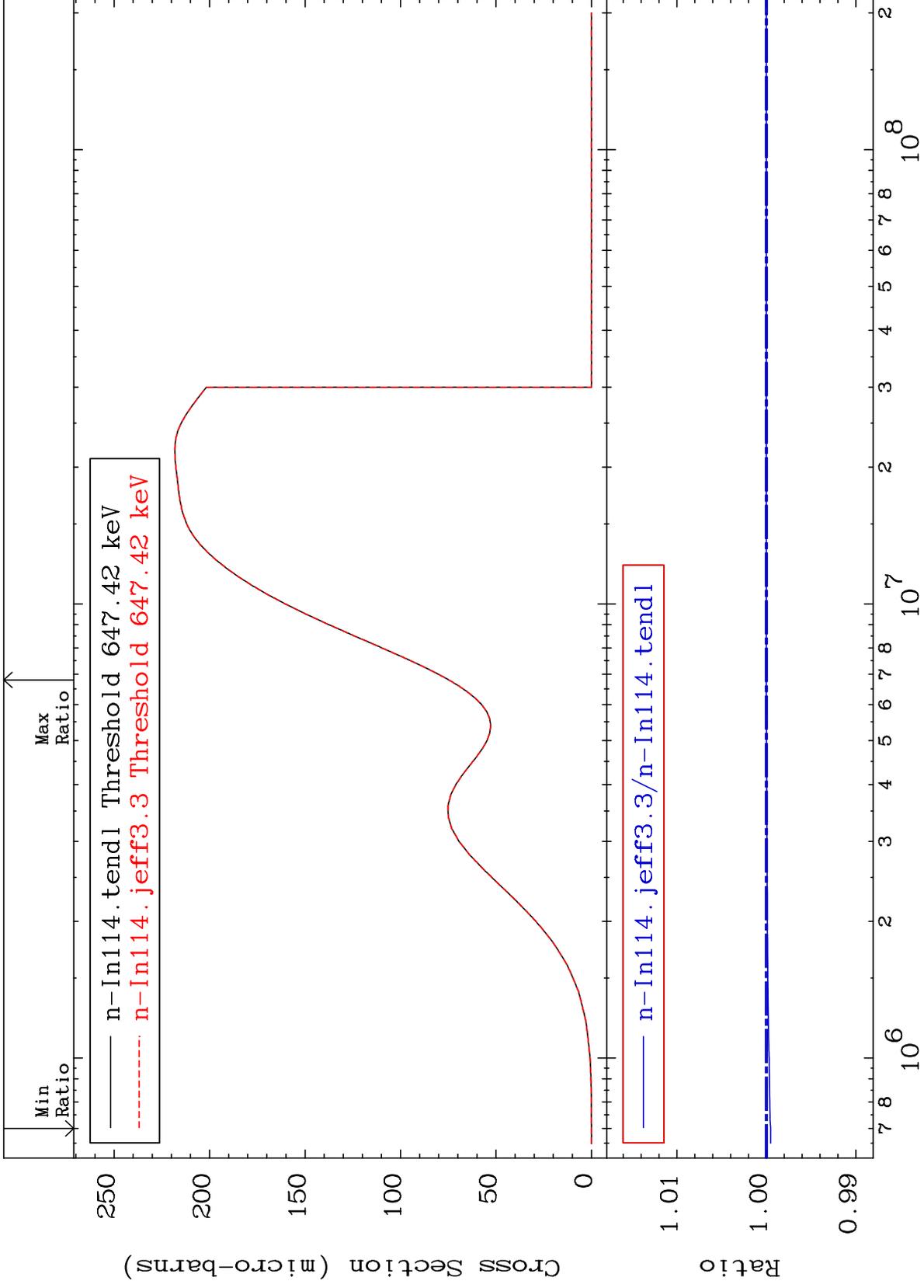
49-In-114
-0.031 To 0.552 %



MAT 4928

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

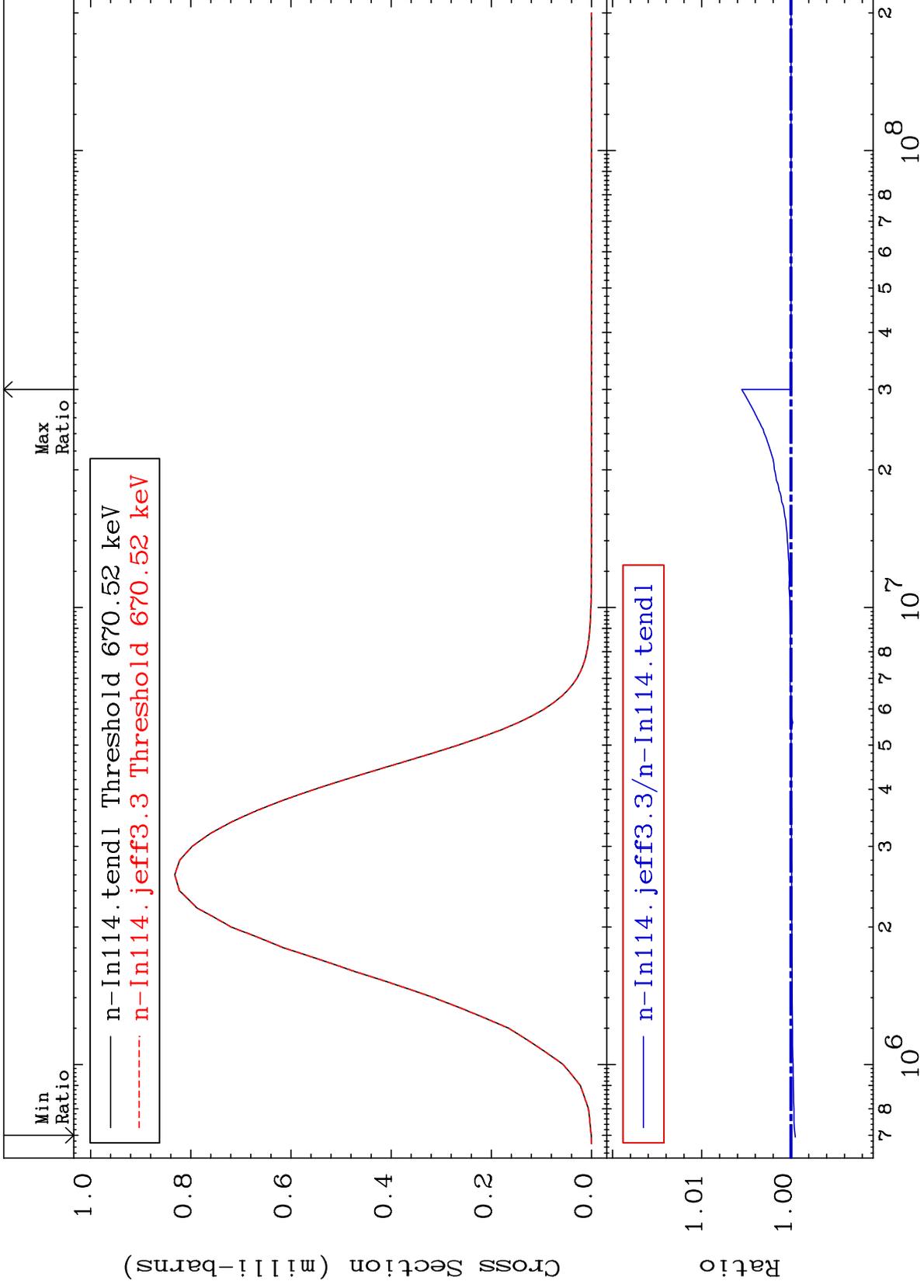
49-In-114
-0.048 To 0.001 %



MAT 4928

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

49-In-114
-0.049 To 0.553 %



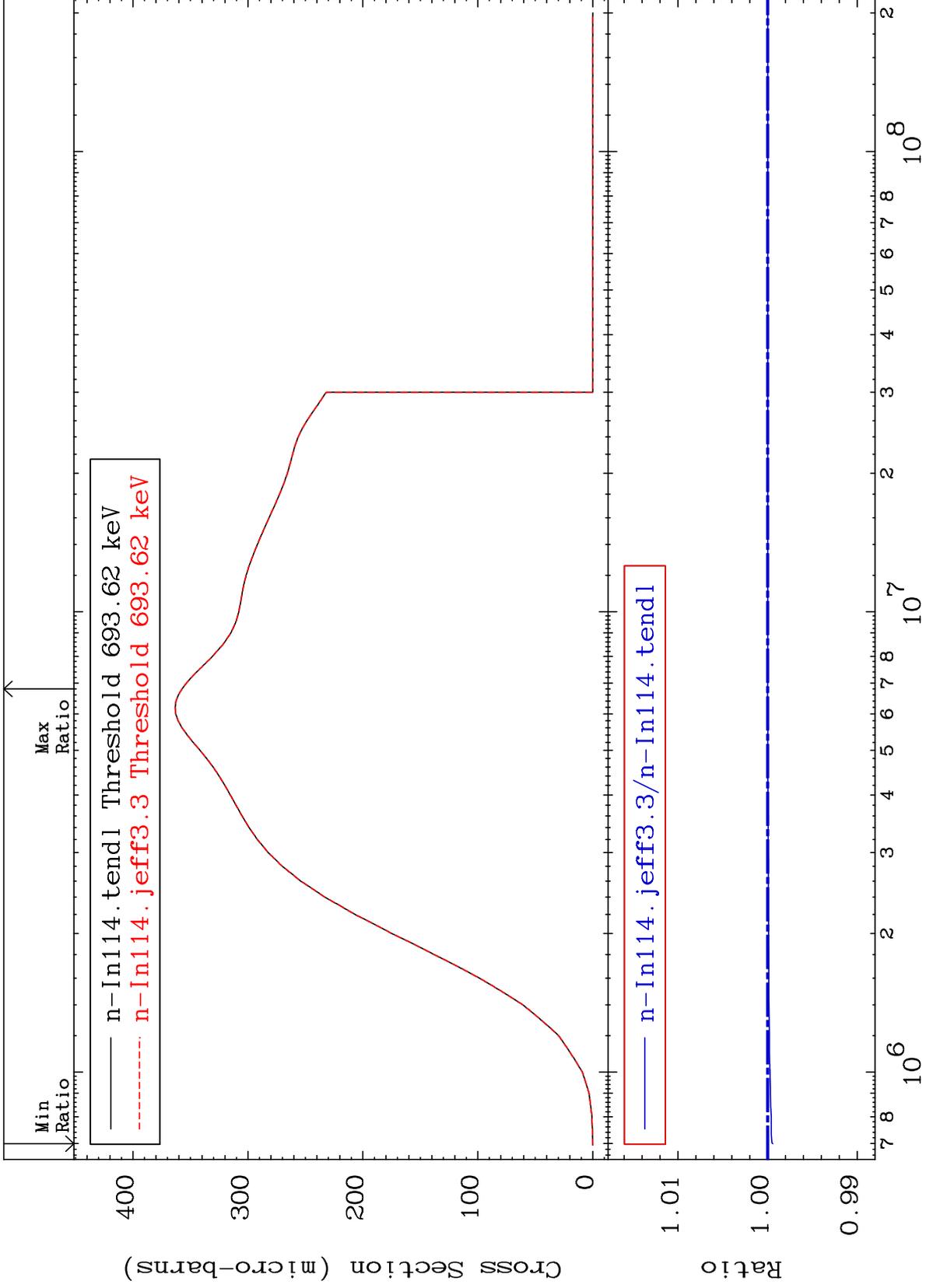
30

49-In-114

MAT 4928

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

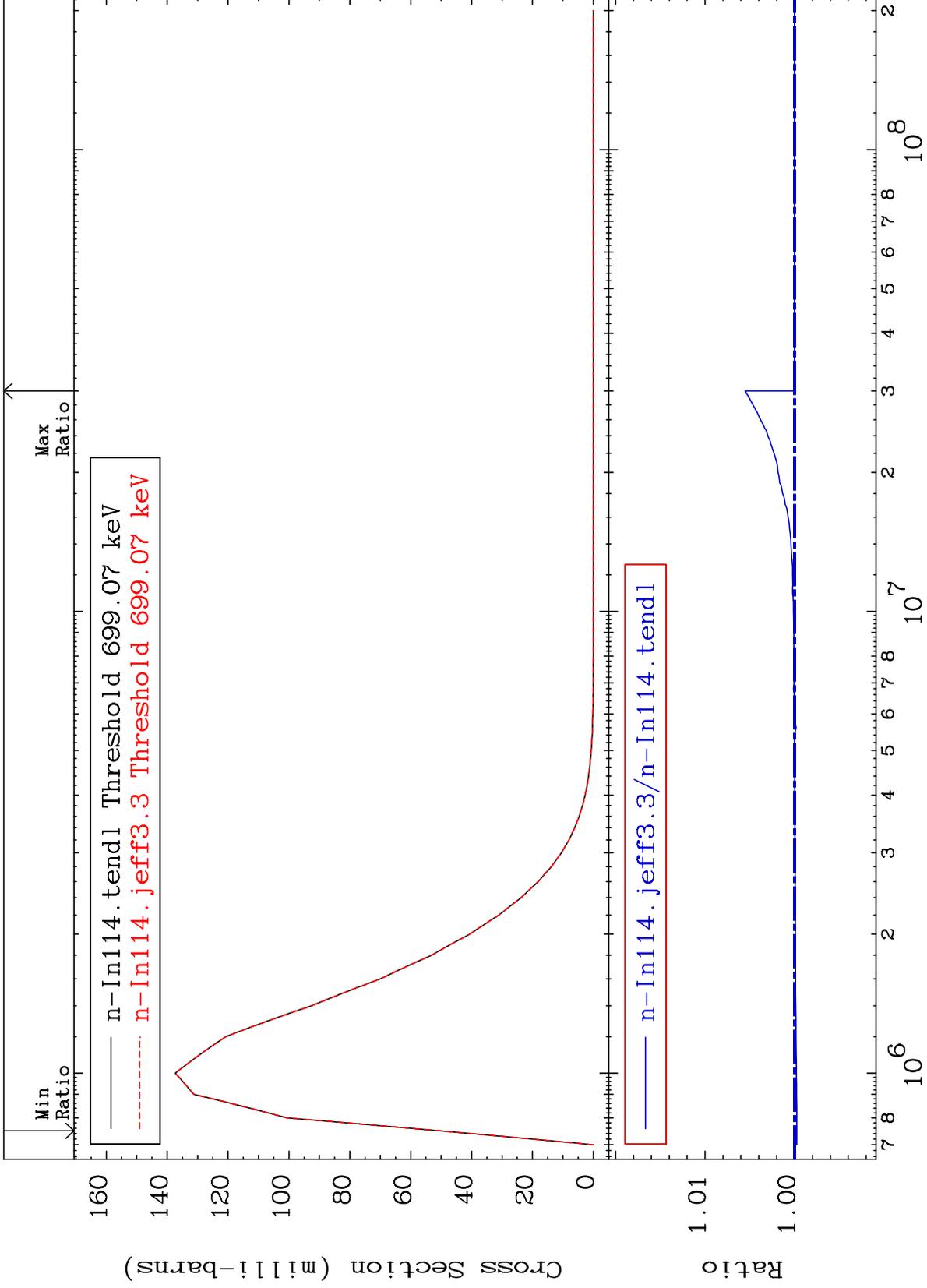
49-In-114
-0.057 To 0.000 %



MAT 4928

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

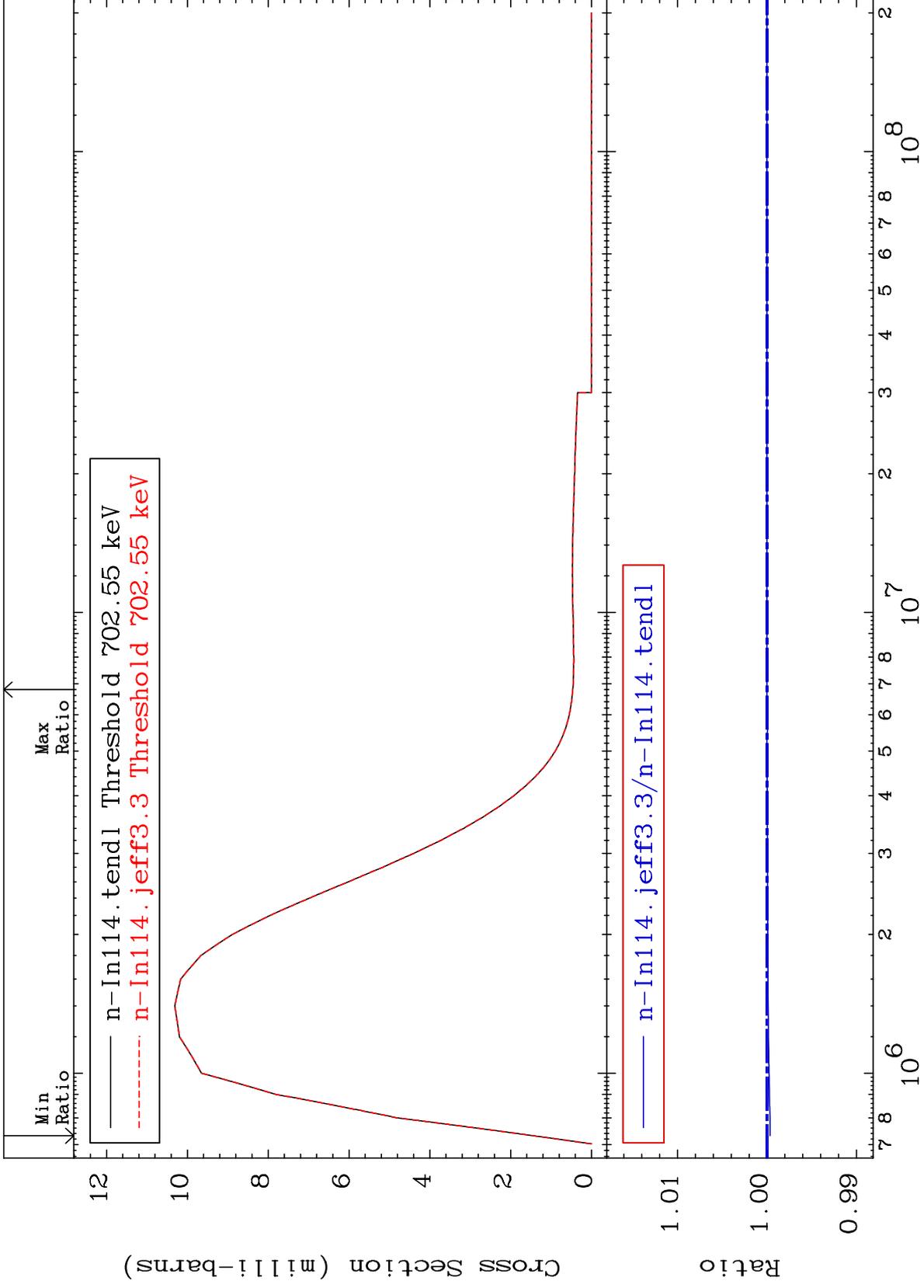
49-In-114
-0.026 To 0.553 %



MAT 4928

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

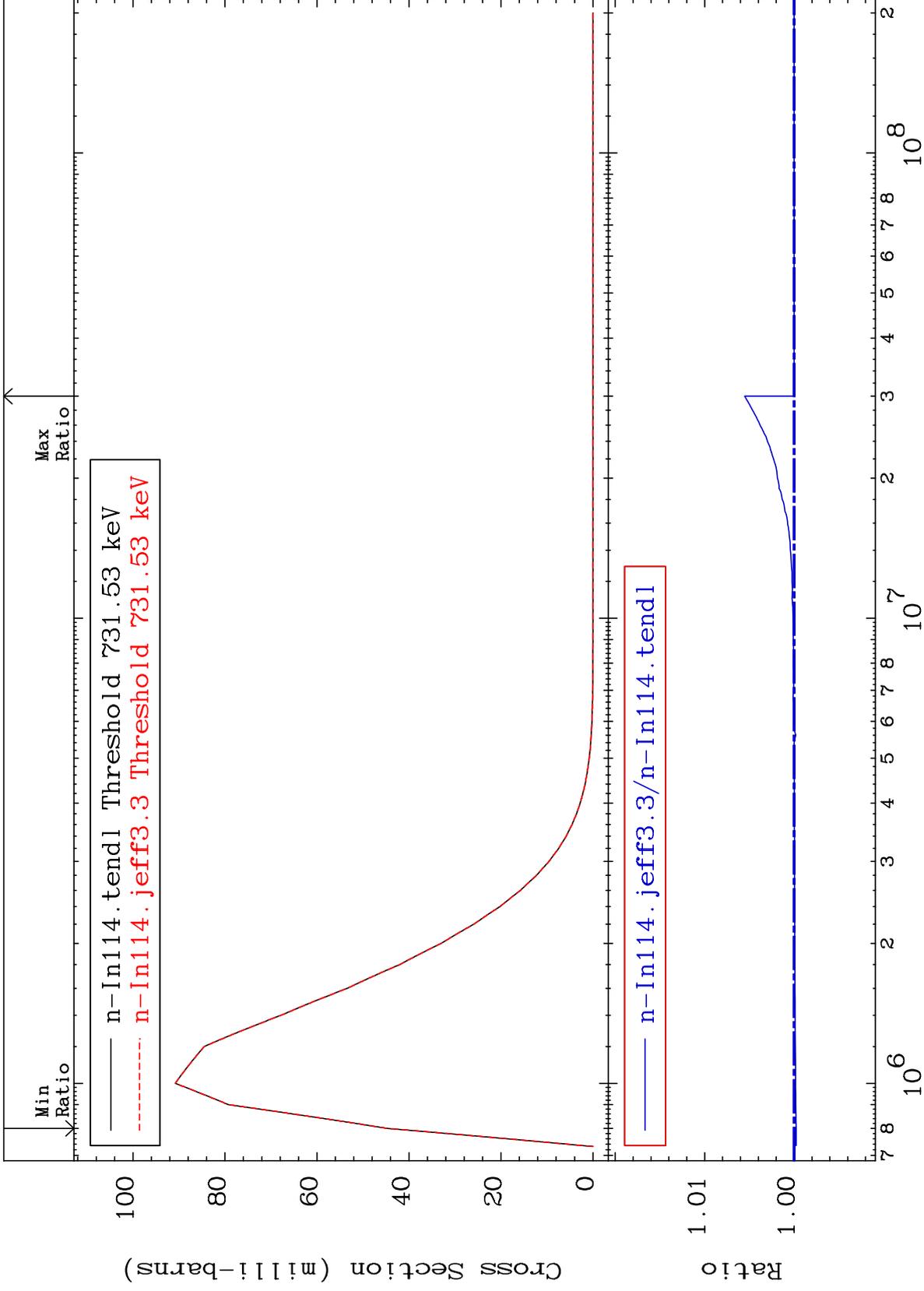
49-In-114
-0.035 To 0.002 %



MAT 4928

MT= 65 (n,n') Level
Cross Section

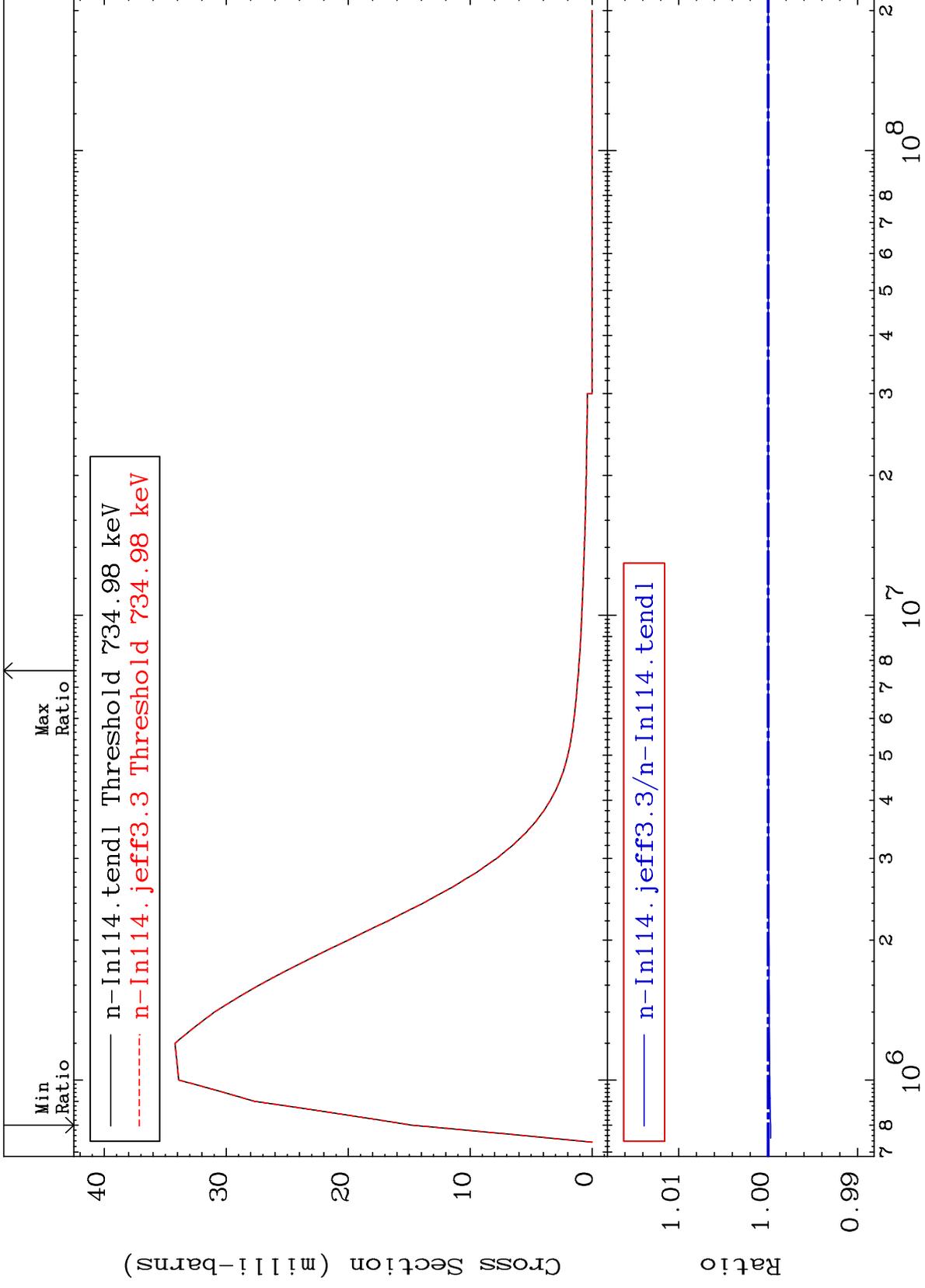
49-In-114
-0.024 To 0.553 %



MAT 4928

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

49-In-114
-0.027 To 0.000 %



35

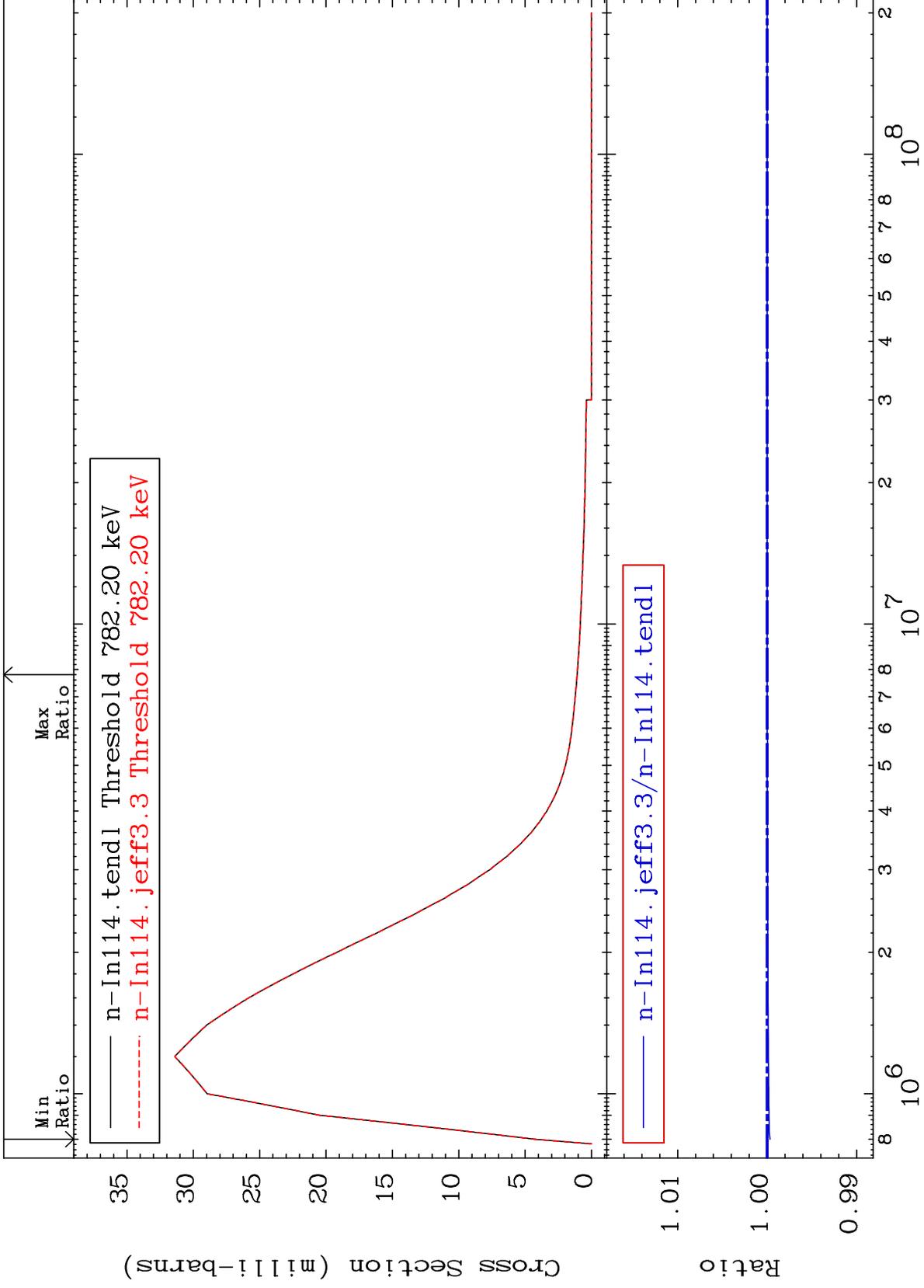
Incident Energy (eV)

49-In-114

MAT 4928

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

49-In-114
-0.031 To 0.000 %



36

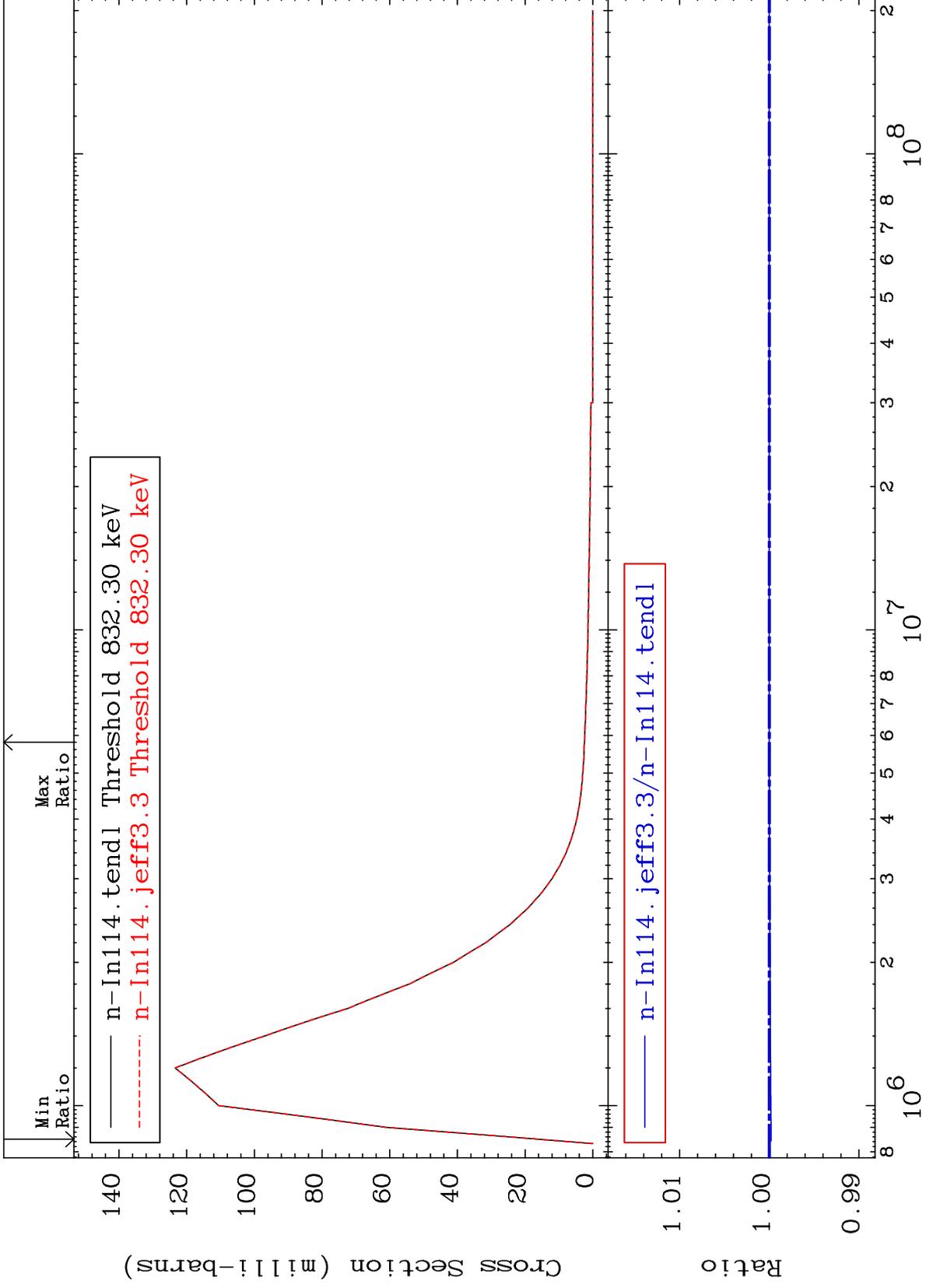
Incident Energy (eV)

49-In-114

MAT 4928

MT= 68 (n,n') Level
Cross Section

49-In-114
-0.020 To 0.000 %



37

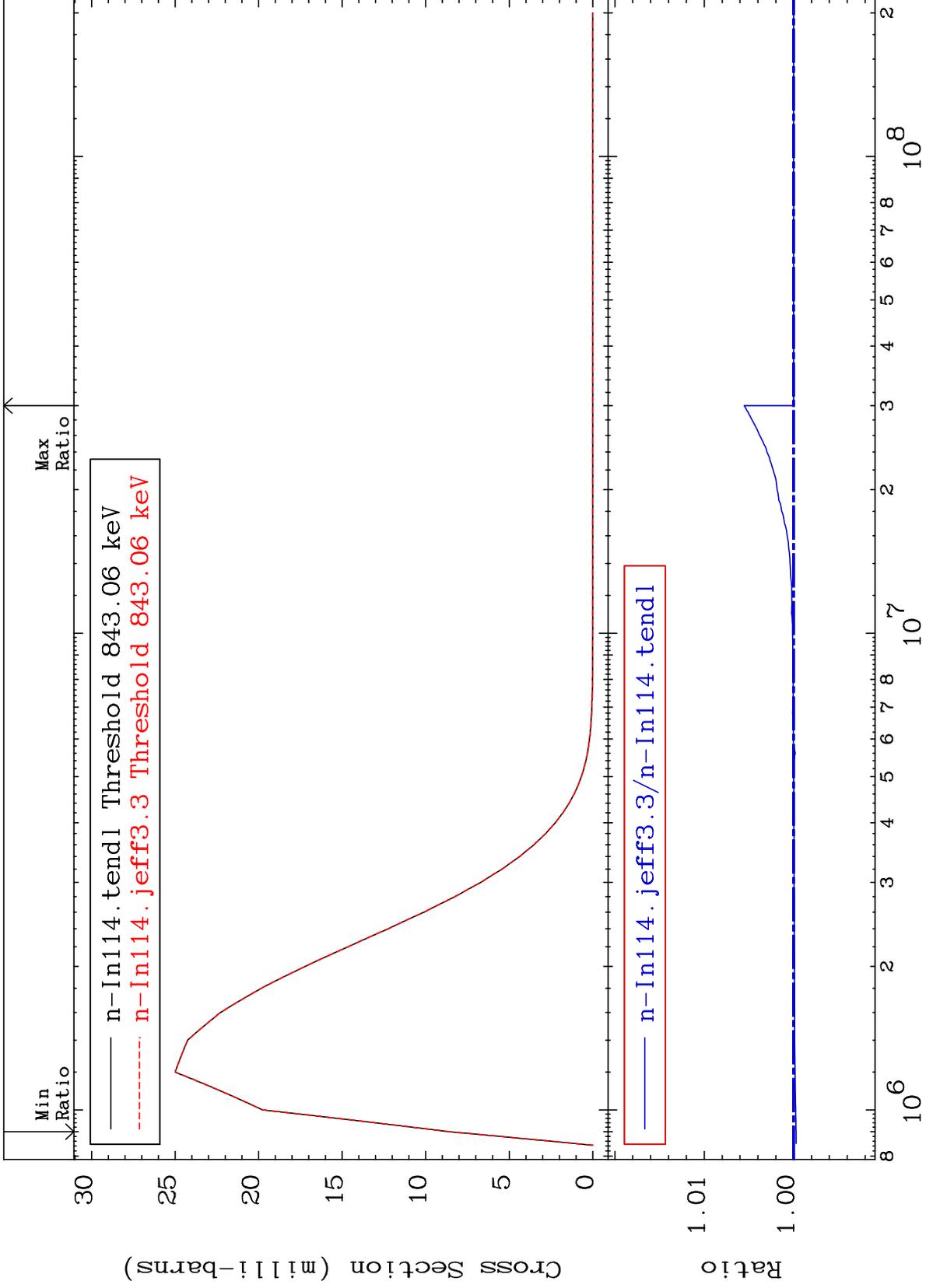
Incident Energy (eV)

49-In-114

MAT 4928

MT= 69 (n,n') Level
Cross Section

49-In-114
-0.027 To 0.553 %



38

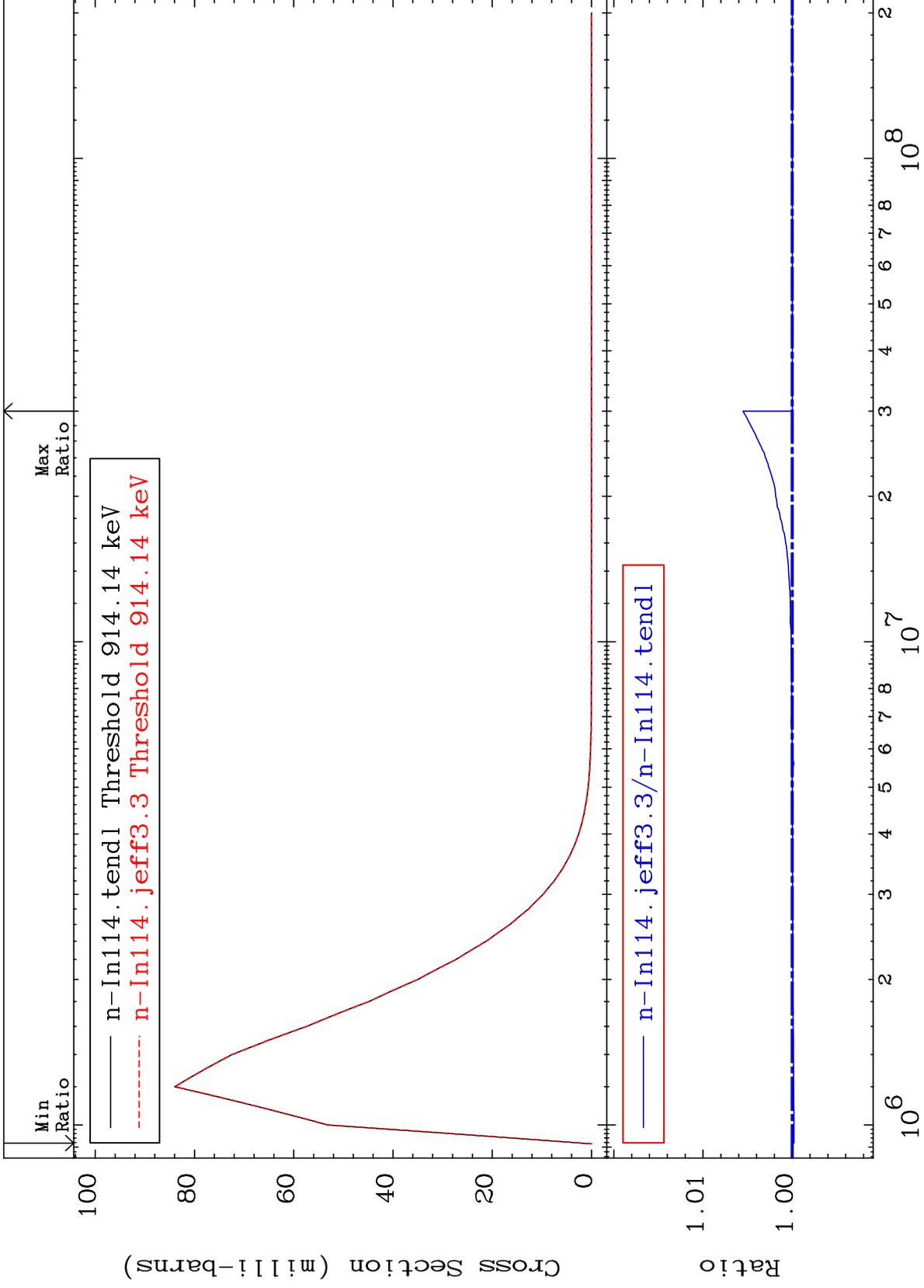
Incident Energy (eV)

49-In-114

MAT 4928

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

49-In-114
-0.021 To 0.553 %



39

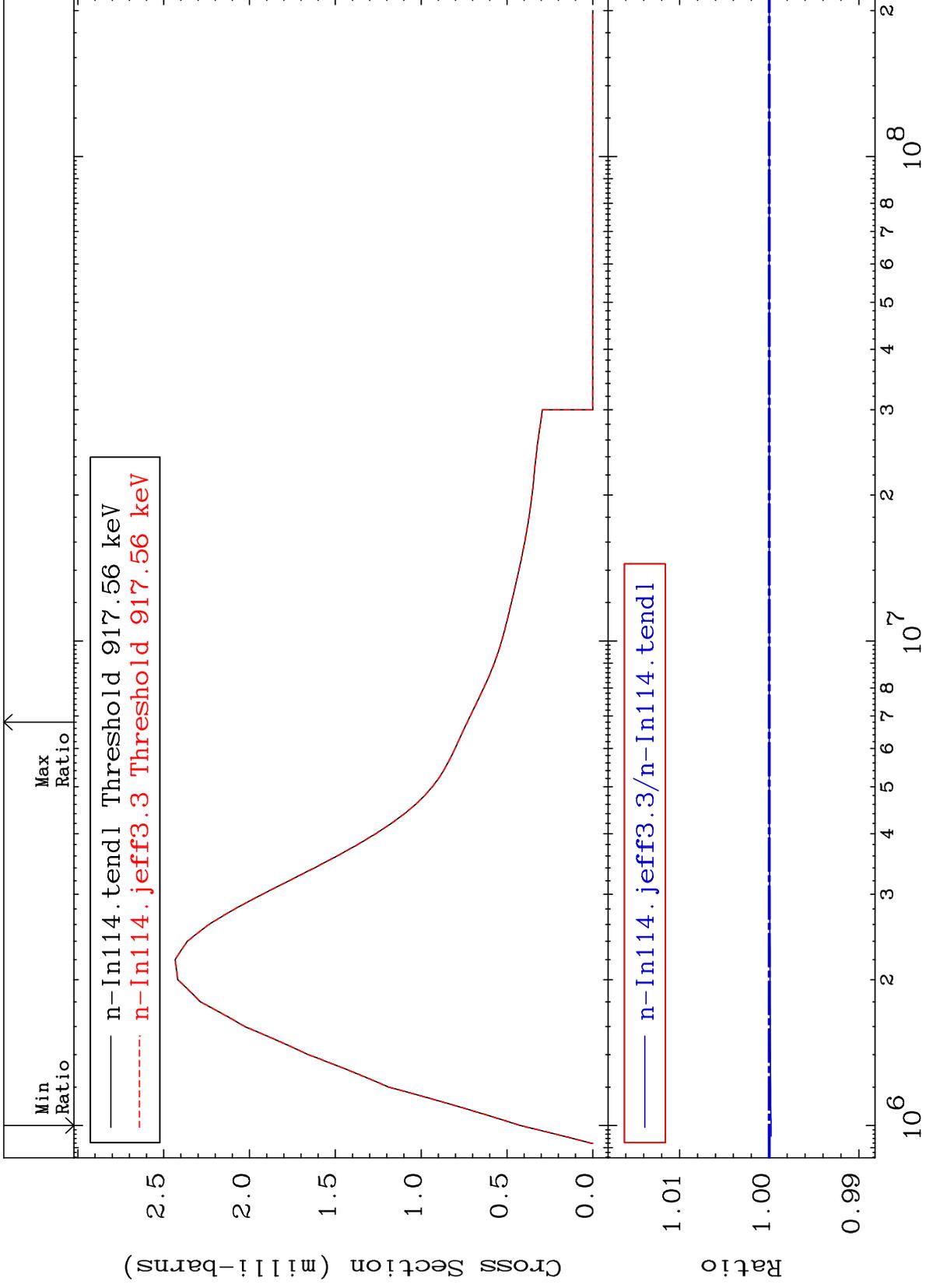
Incident Energy (eV)

49-In-114

MAT 4928

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

49-In-114
-0.022 To 0.000 %



40

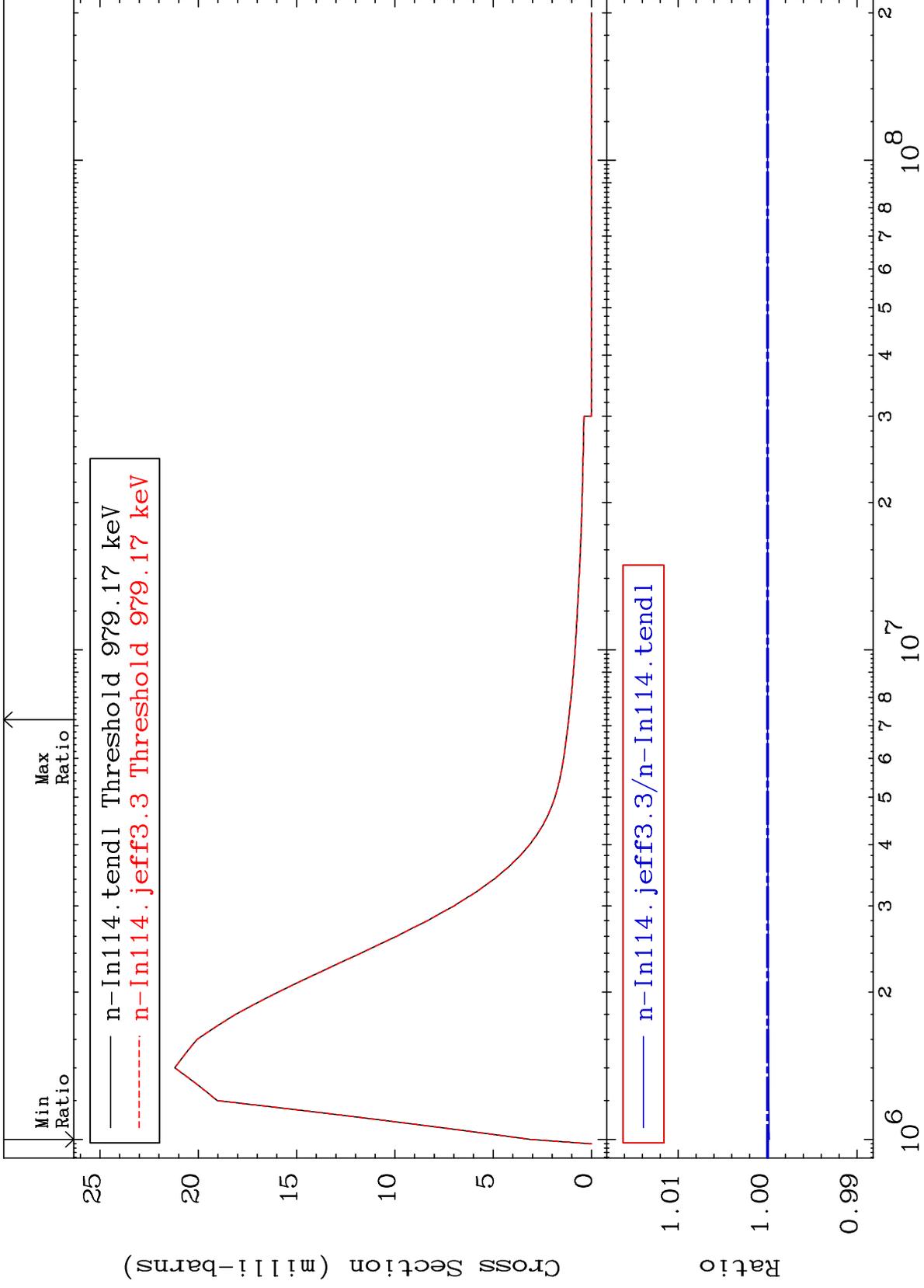
Incident Energy (eV)

49-In-114

MAT 4928

MT= 72 (n,n') Level
Cross Section

49-In-114
-0.021 To 0.000 %



41

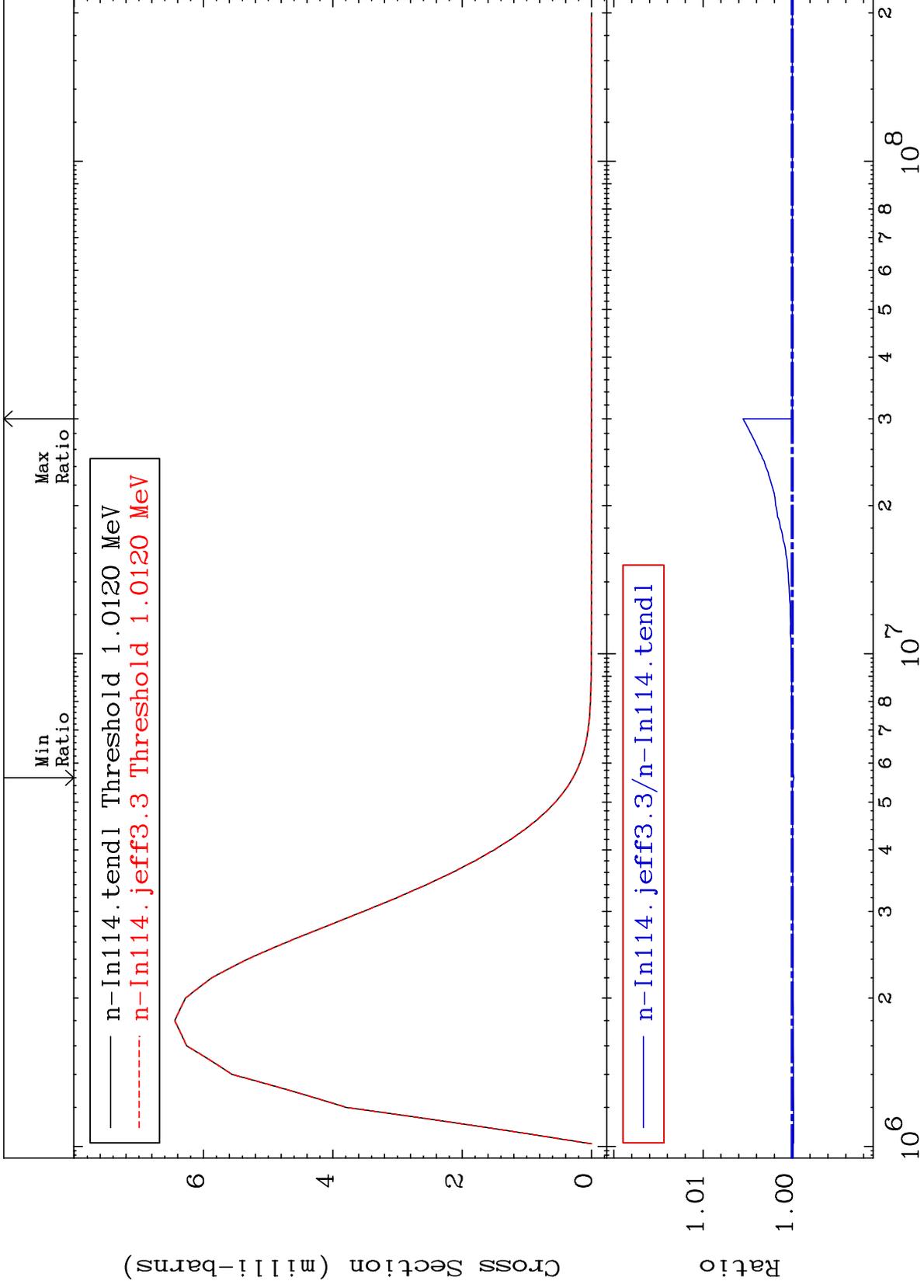
Incident Energy (eV)

49-In-114

MAT 4928

MT= 73 (n,n') Level
Cross Section

49-In-114
-0.020 To 0.553 %



42

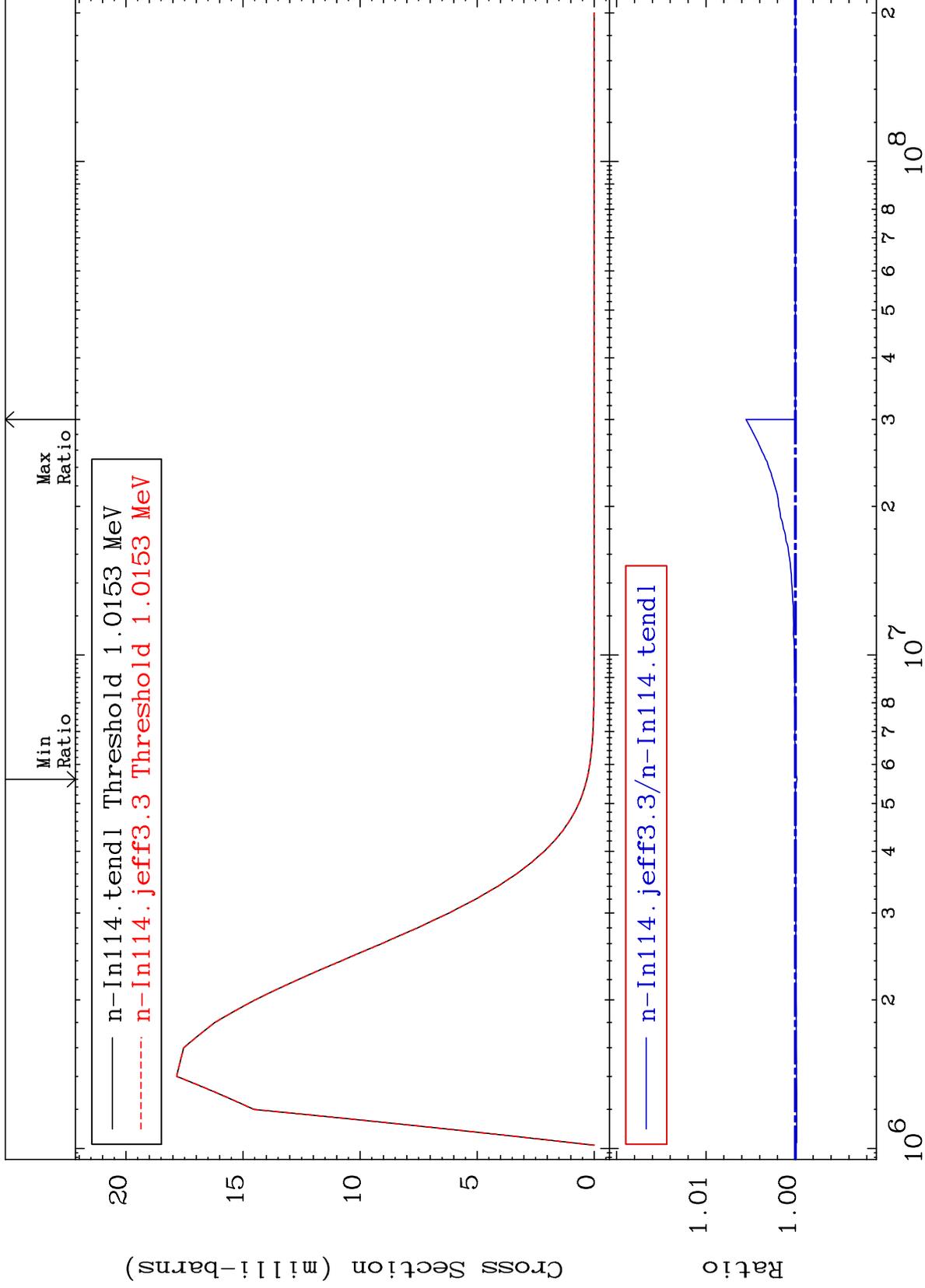
Incident Energy (eV)

49-In-114

MAT 4928

MT= 74 (n,n') Level
Cross Section

49-In-114
-0.019 To 0.553 %



43

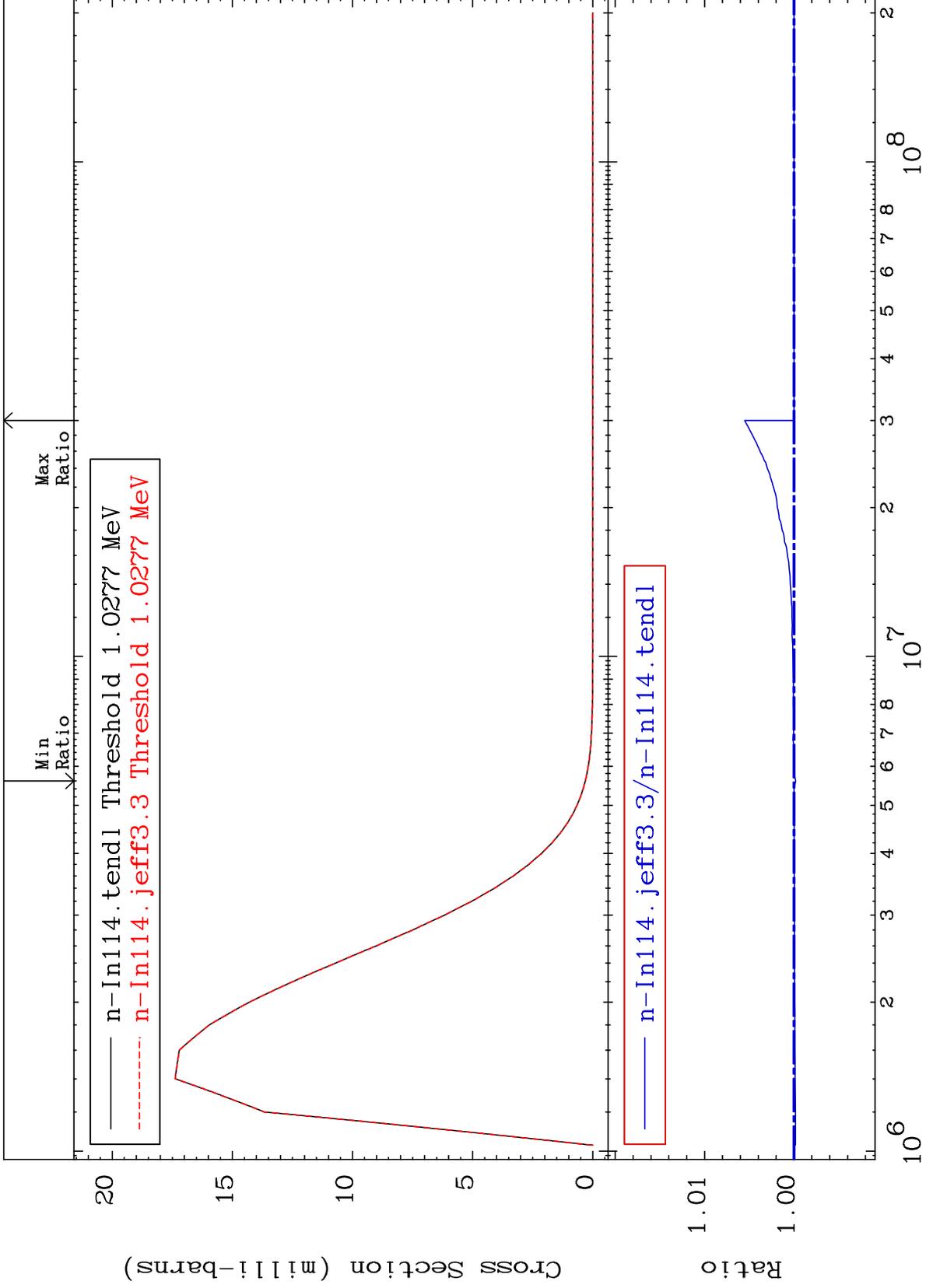
Incident Energy (eV)

49-In-114

MAT 4928

MT= 75 (n,n') Level
Cross Section

49-In-114
-0.019 To 0.553 %



44

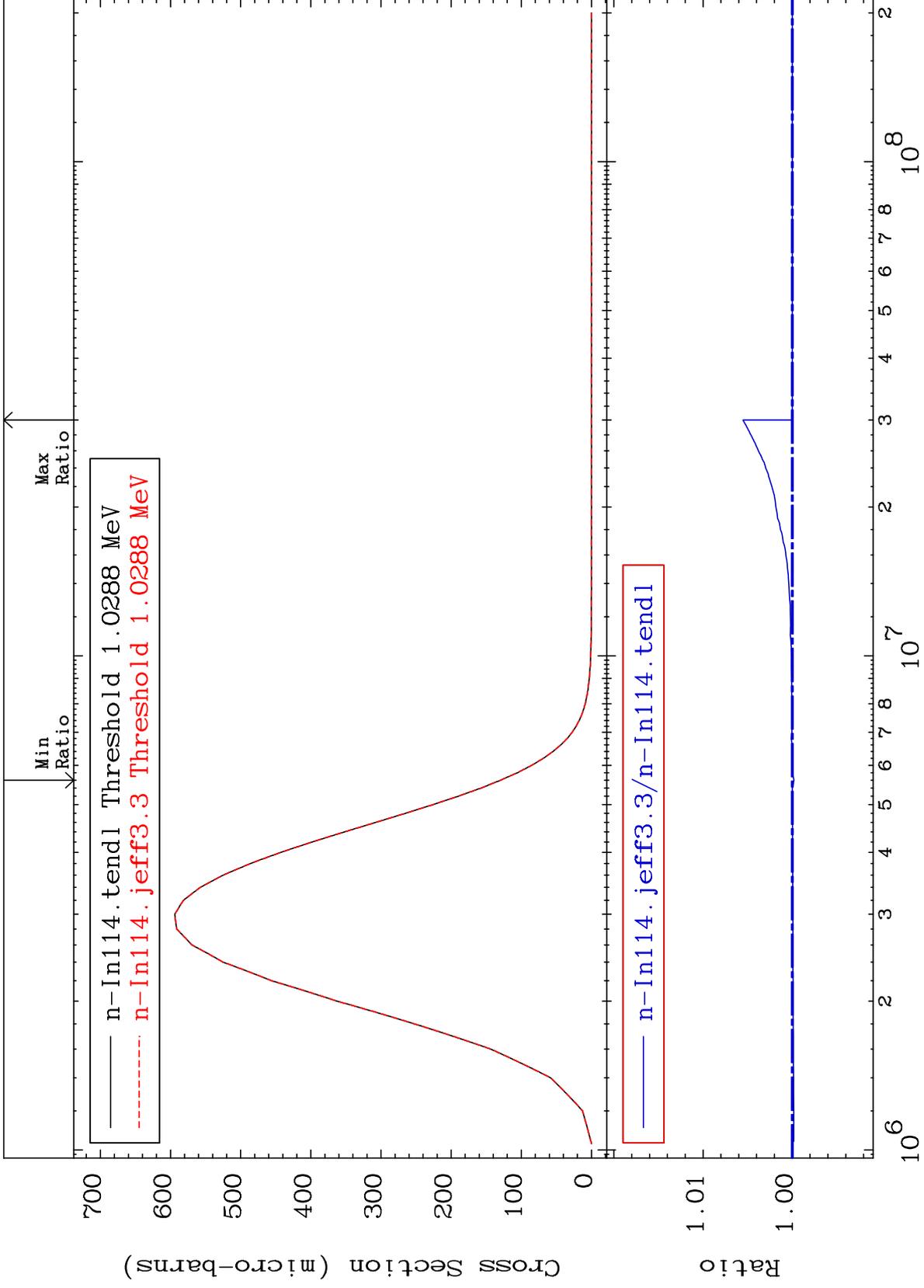
Incident Energy (eV)

49-In-114

MAT 4928

MT= 76 (n,n') Level
Cross Section

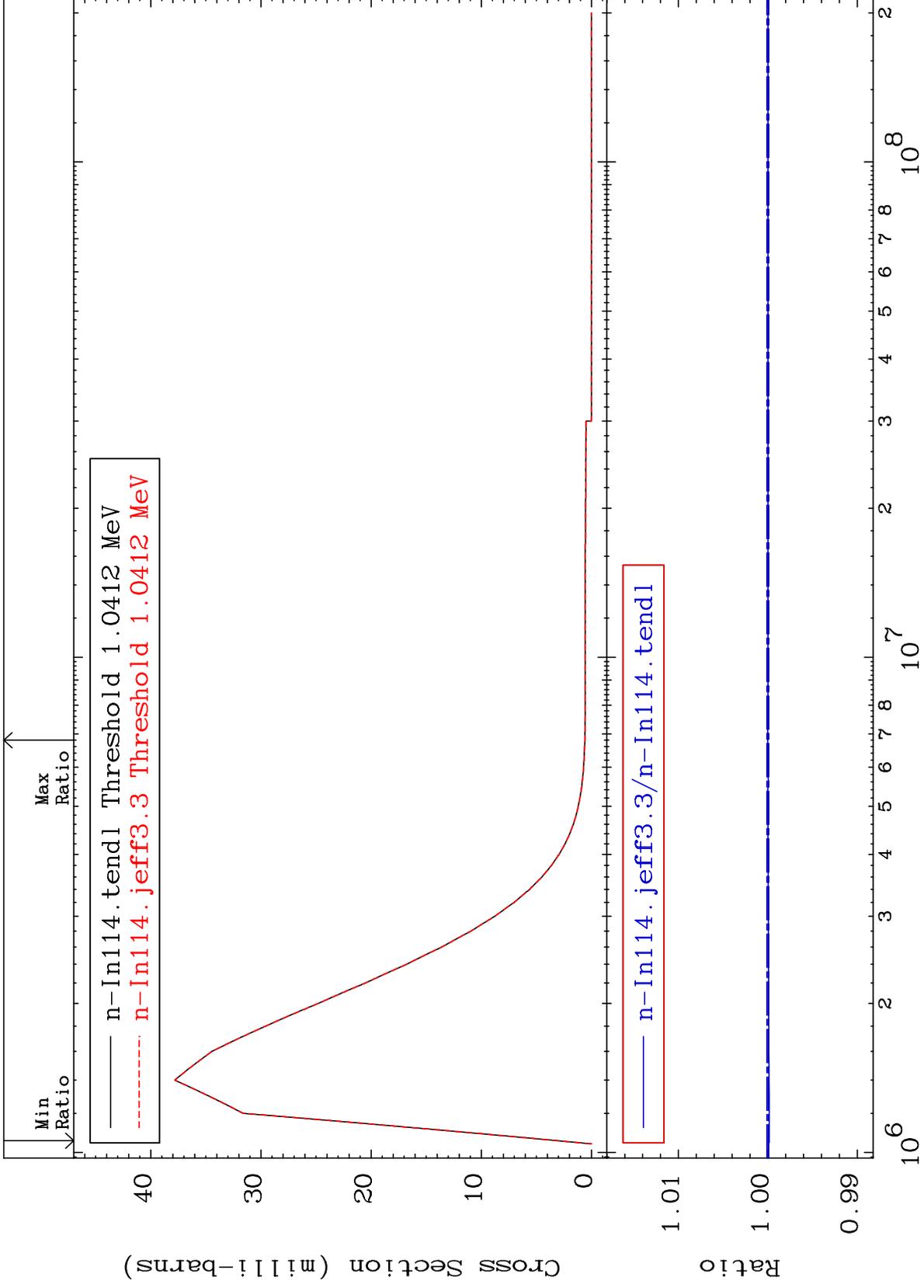
49-In-114
-0.020 To 0.553 %



MAT 4928

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

49-In-114
-0.015 To 0.001 %



46

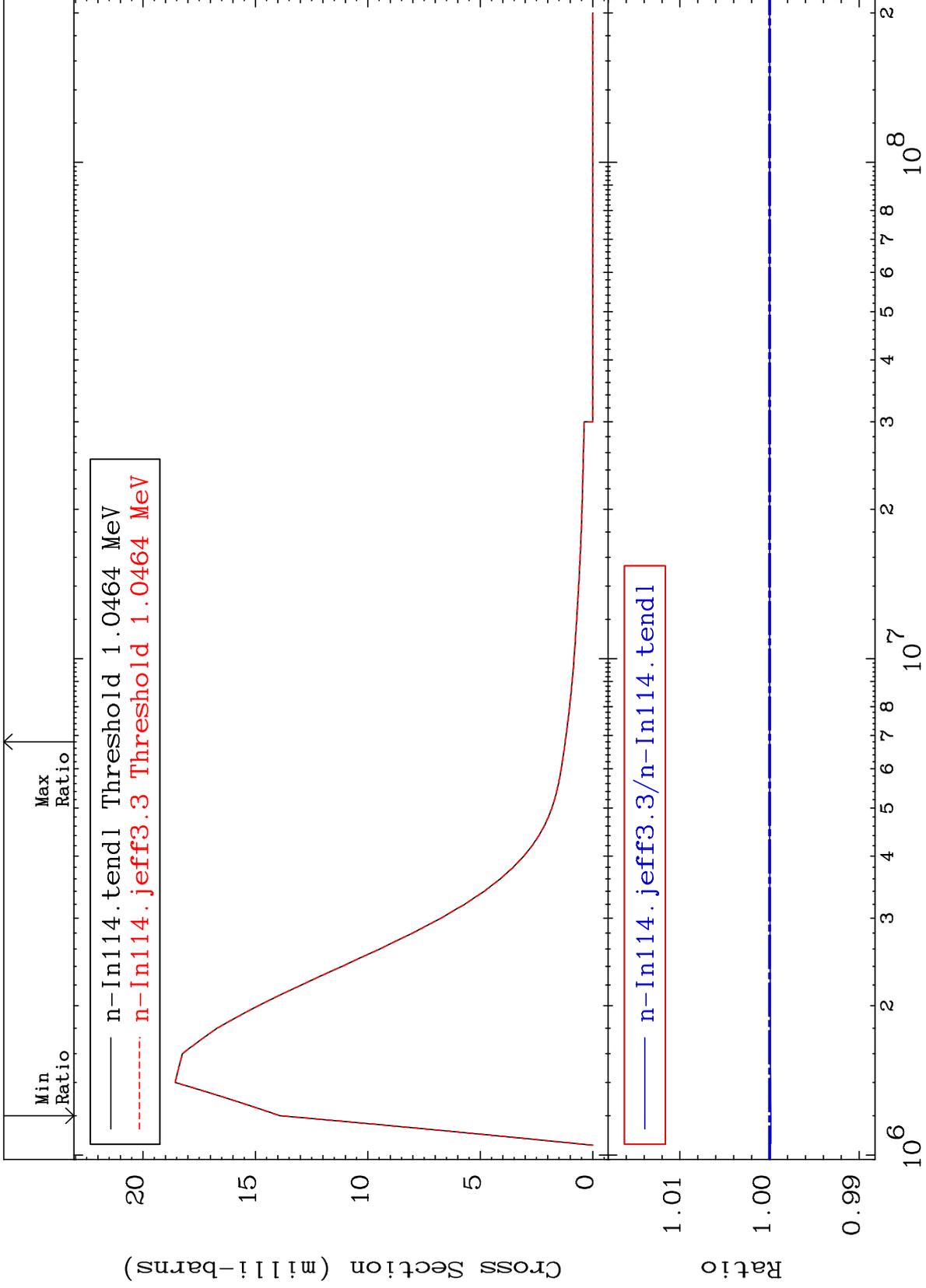
Incident Energy (eV)

49-In-114

MAT 4928

MT= 78 (n,n') Level
Cross Section

49-In-114
-0.014 To 0.000 %



47

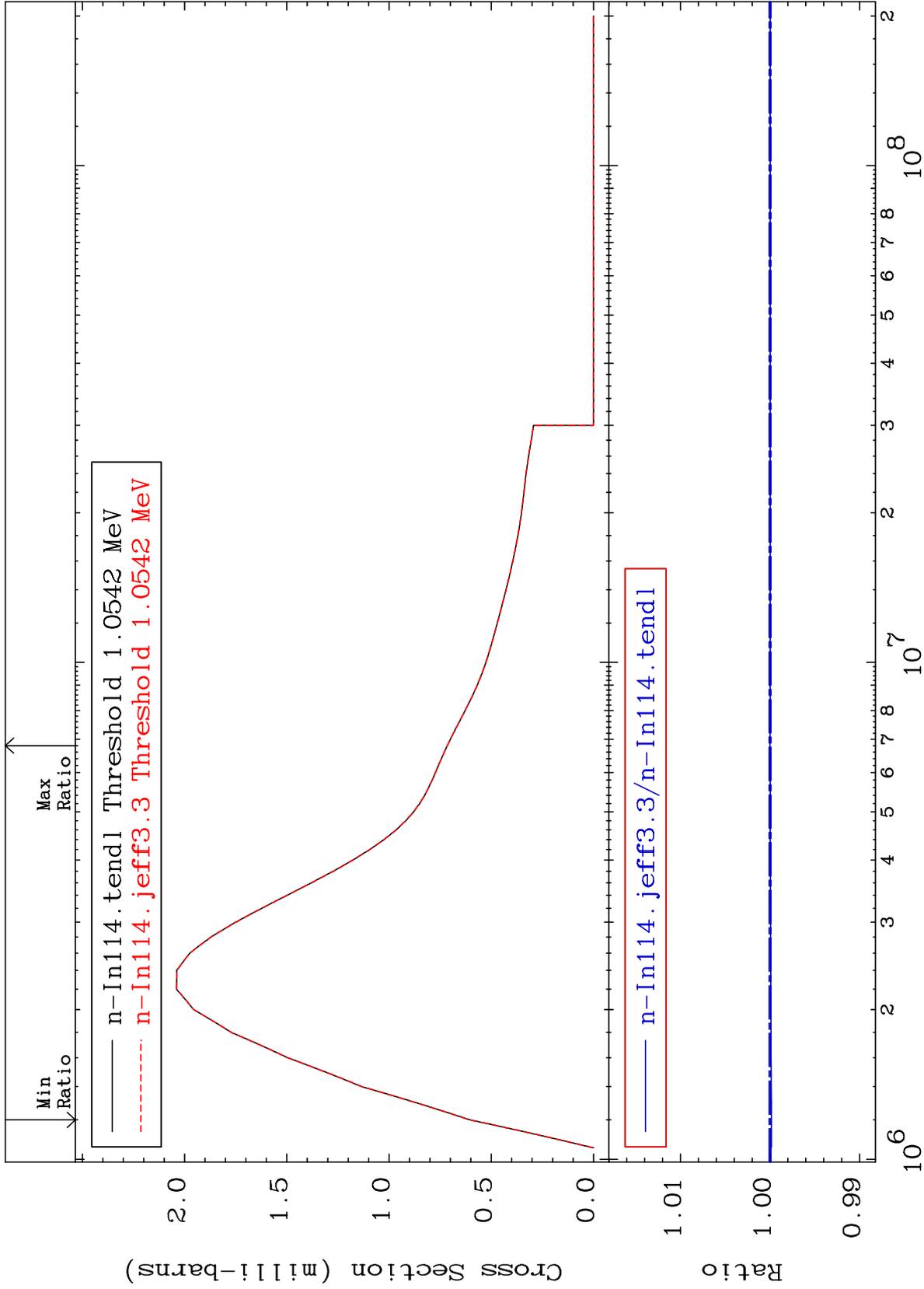
Incident Energy (eV)

49-In-114

MAT 4928

MT= 79 (n,n') Level
Cross Section

49-In-114
-0.015 To 0.000 %



48

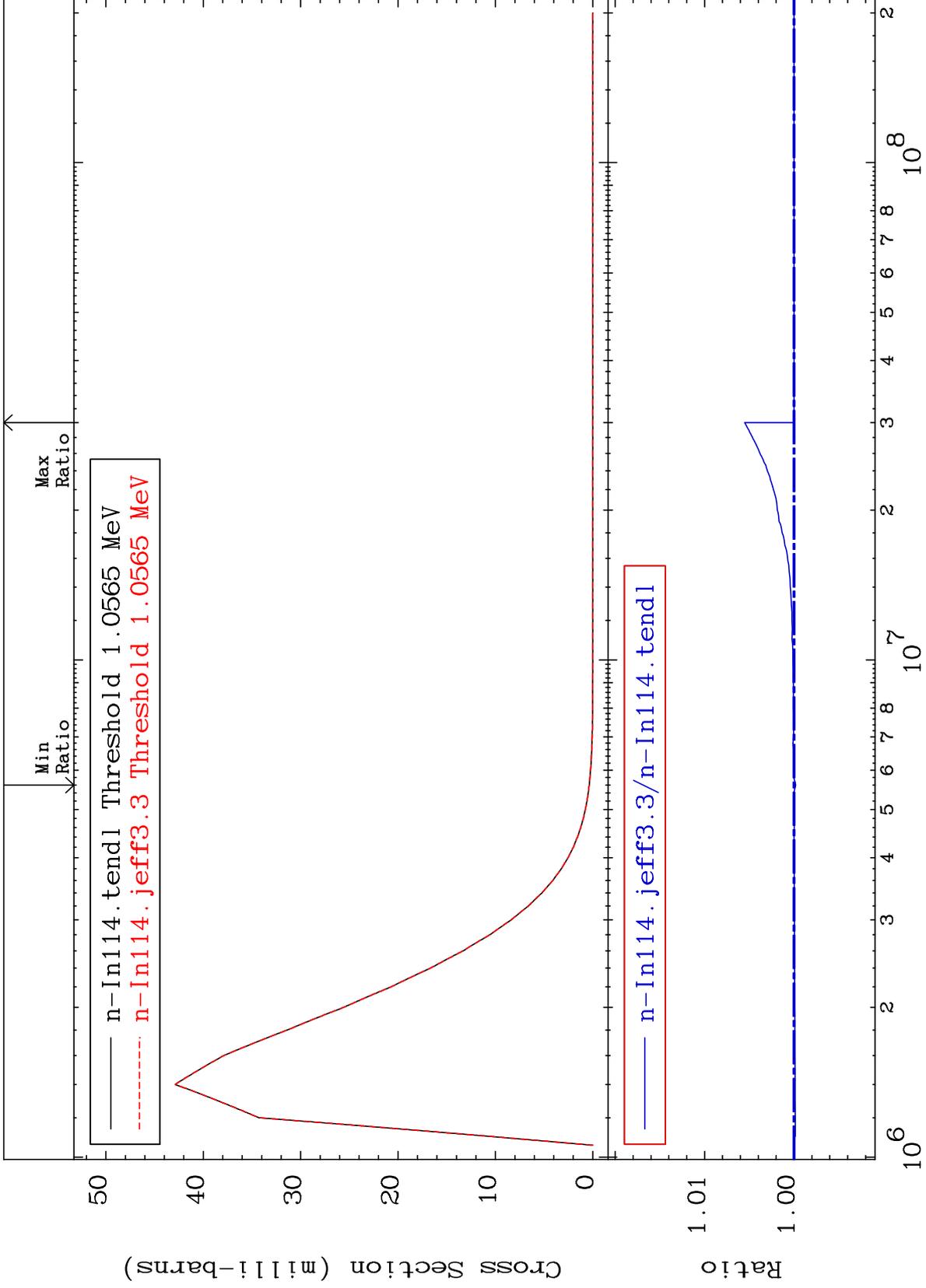
Incident Energy (eV)

49-In-114

MAT 4928

MT= 80 (n,n') Level
Cross Section

49-In-114
-0.019 To 0.553 %



49

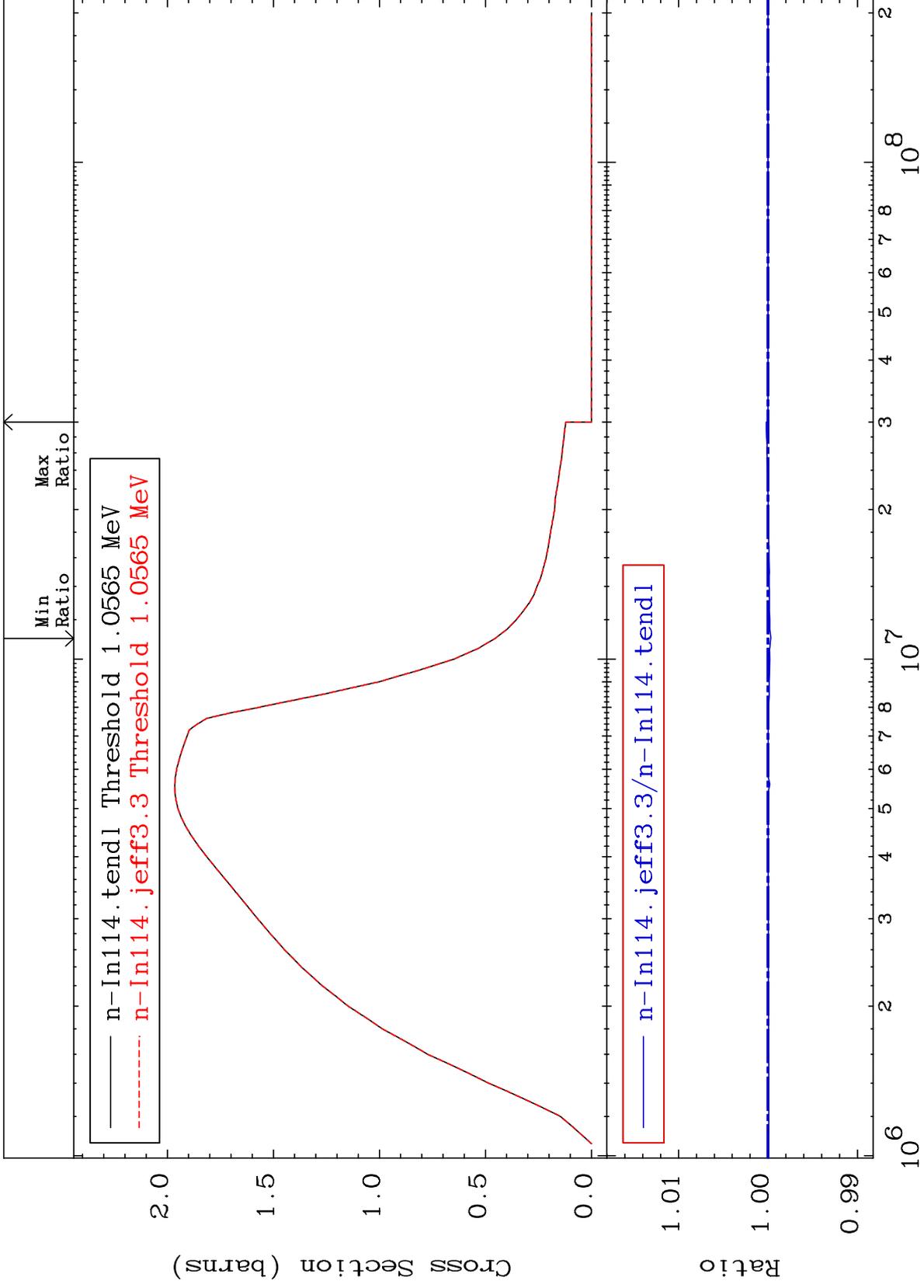
Incident Energy (eV)

49-In-114

MAT 4928

(n, n') Continuum
Cross Section

49-In-114
-0.031 To 0.020 %



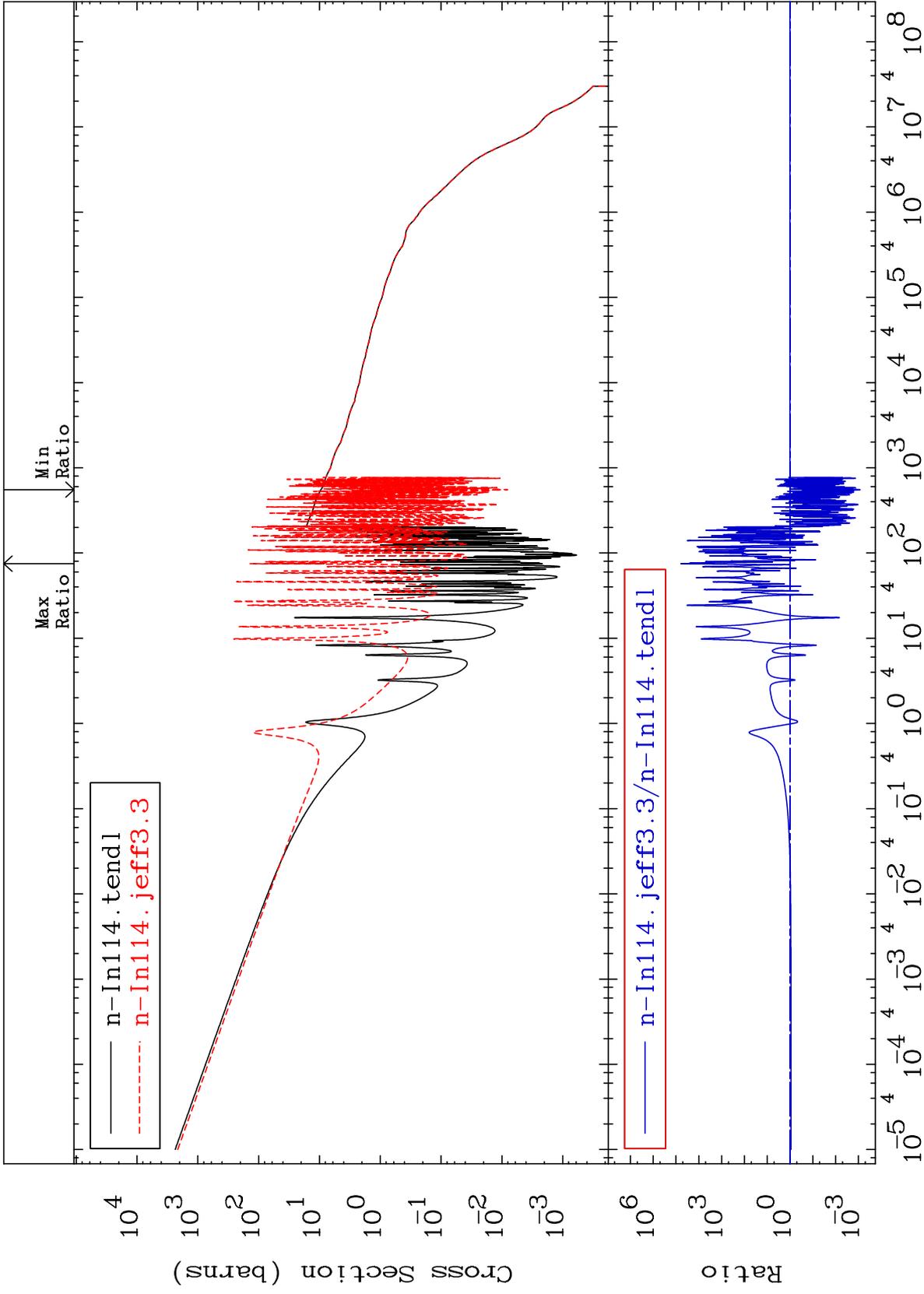
Incident Energy (eV)

49-In-114

MAT 4928

(n, γ)
Cross Section

49-In-114
-99.92 To 9999. %



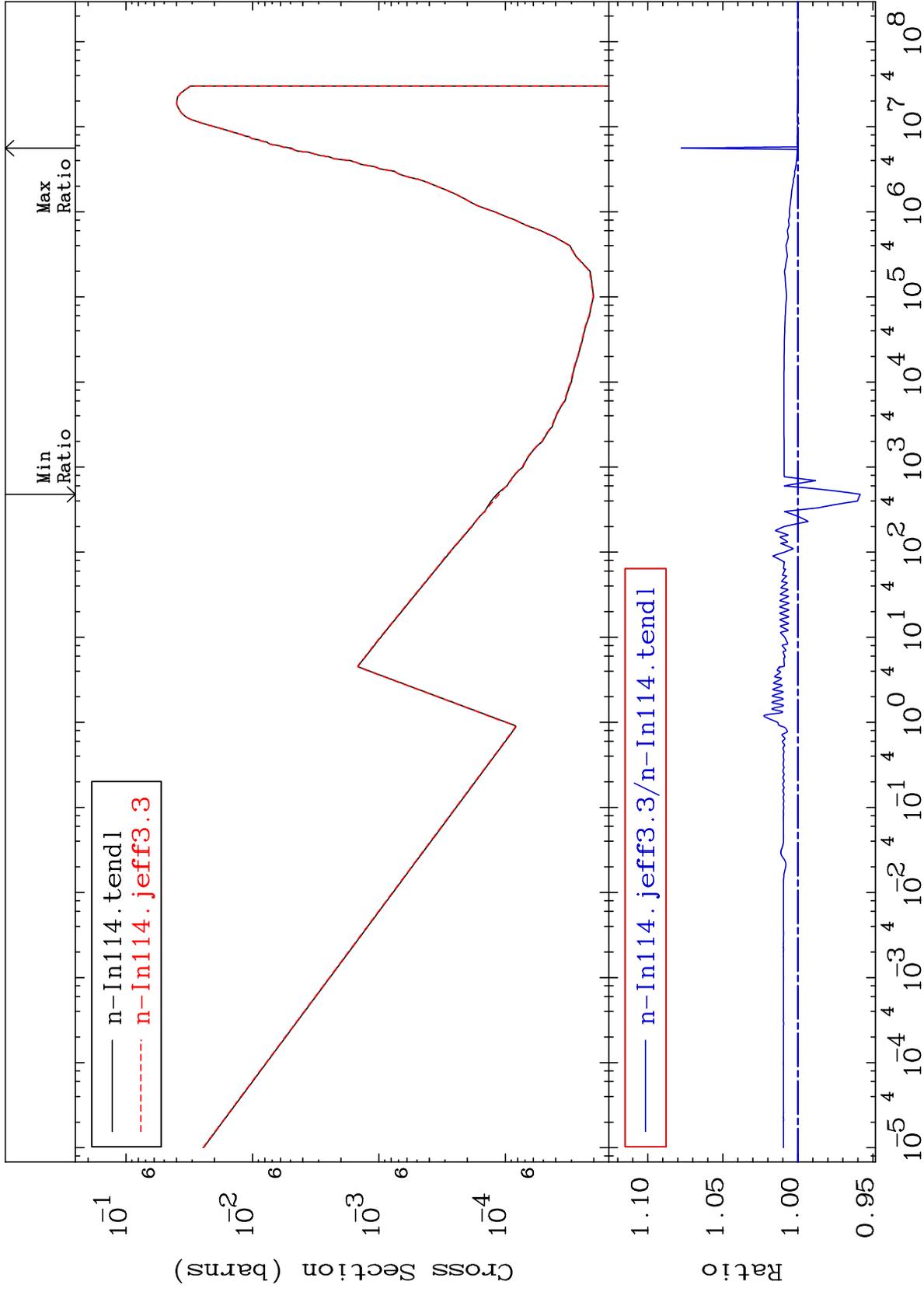
MAT 4928

(n, p)

49-In-114

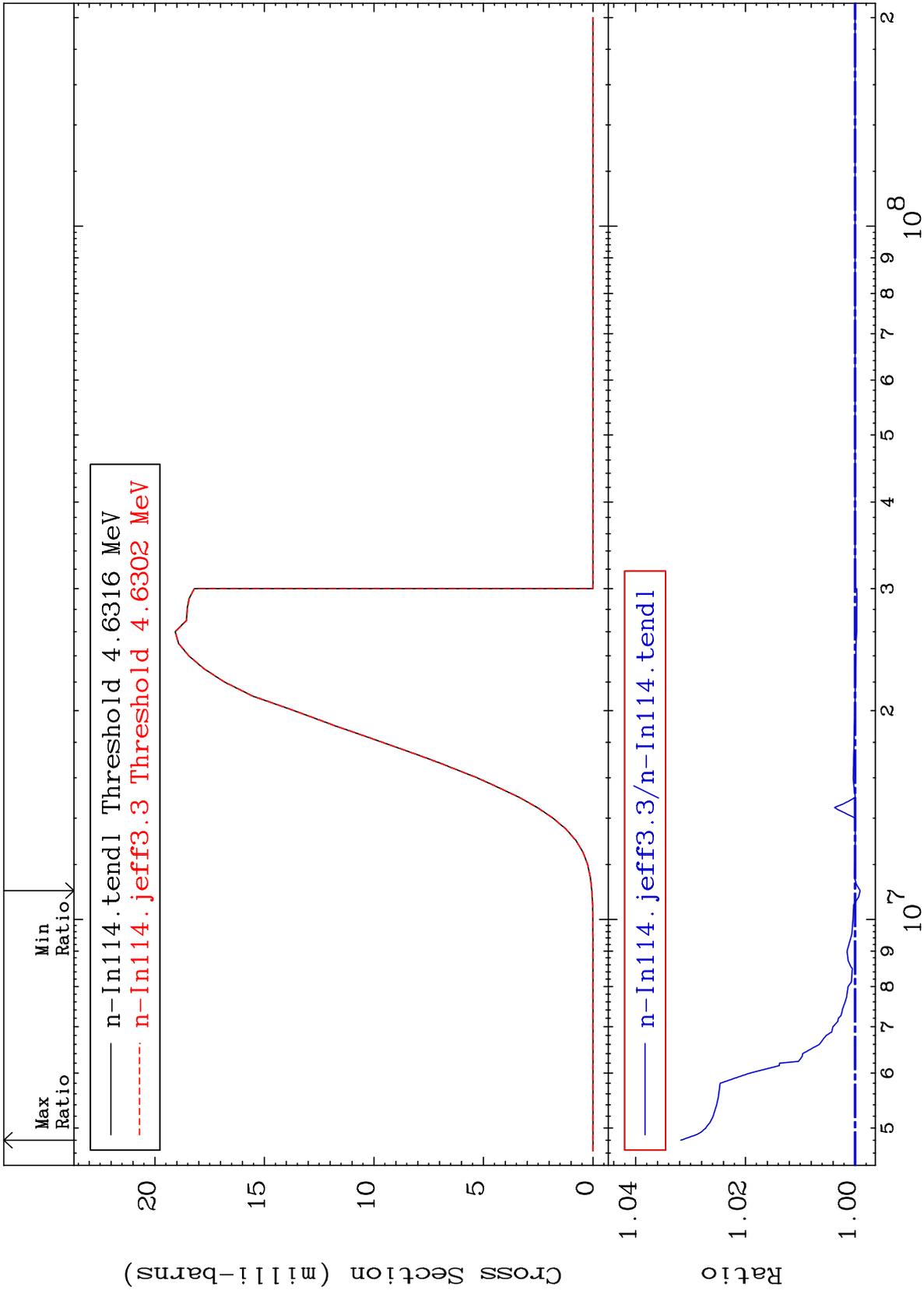
Cross Section

-4.151 To 7.774 %



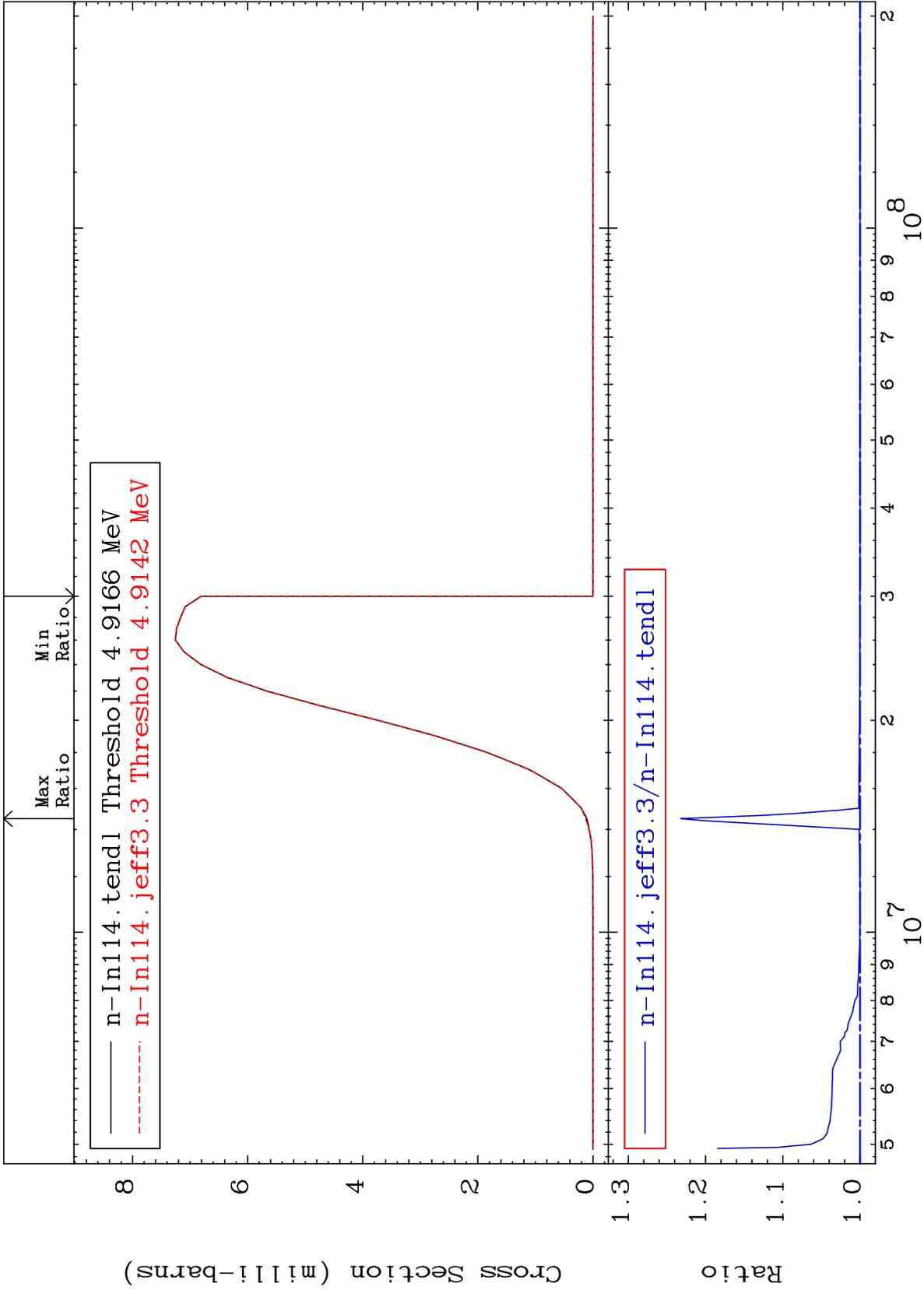
Cross Section

-0.091 To 3.178 %



MAT 4928

(n, t) Cross Section
49-In-114
To 23.22 %
0.000



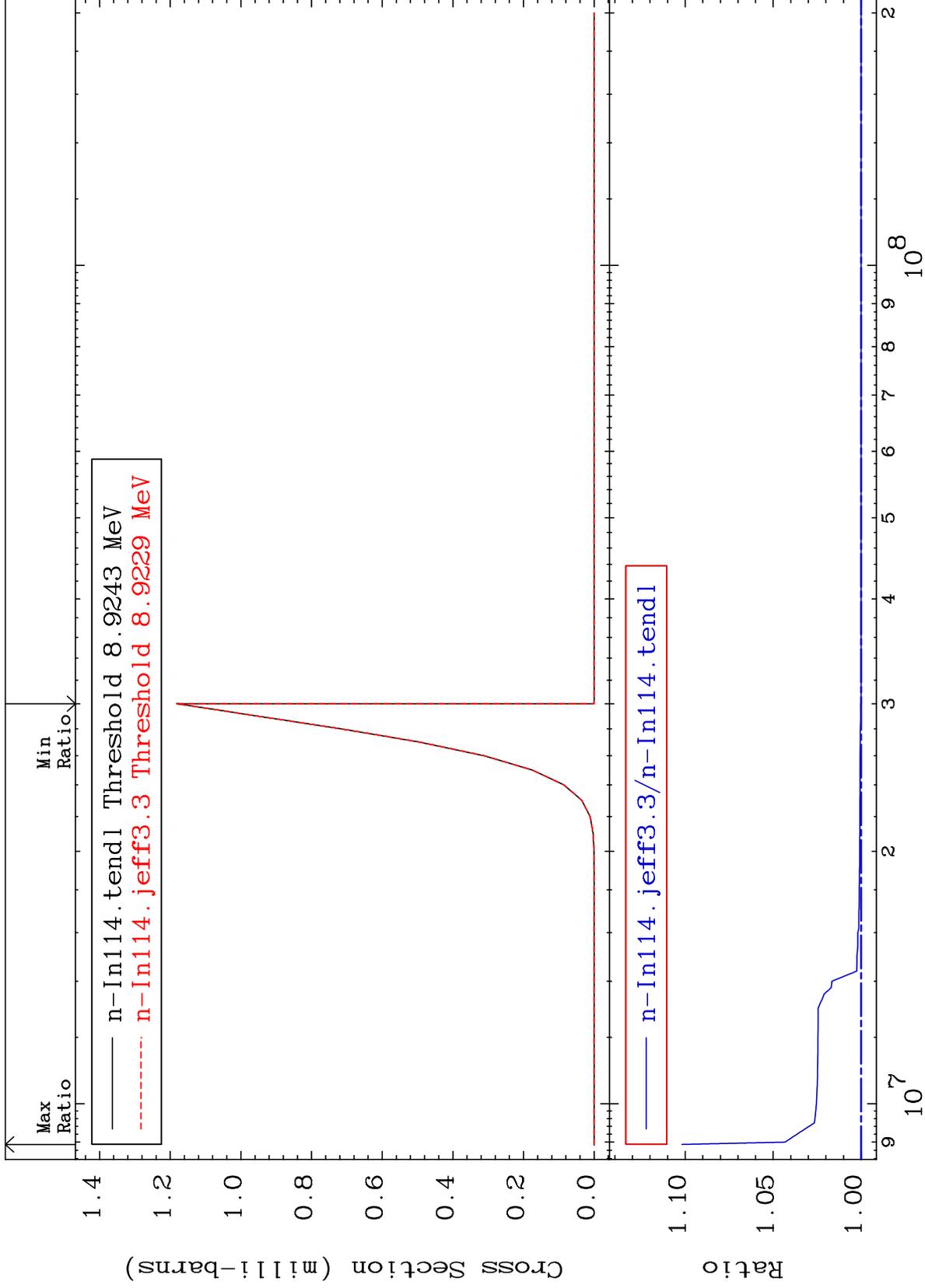
MAT 4928

(n,He-3)

49-In-114

Cross Section

0.000 To 10.19 %



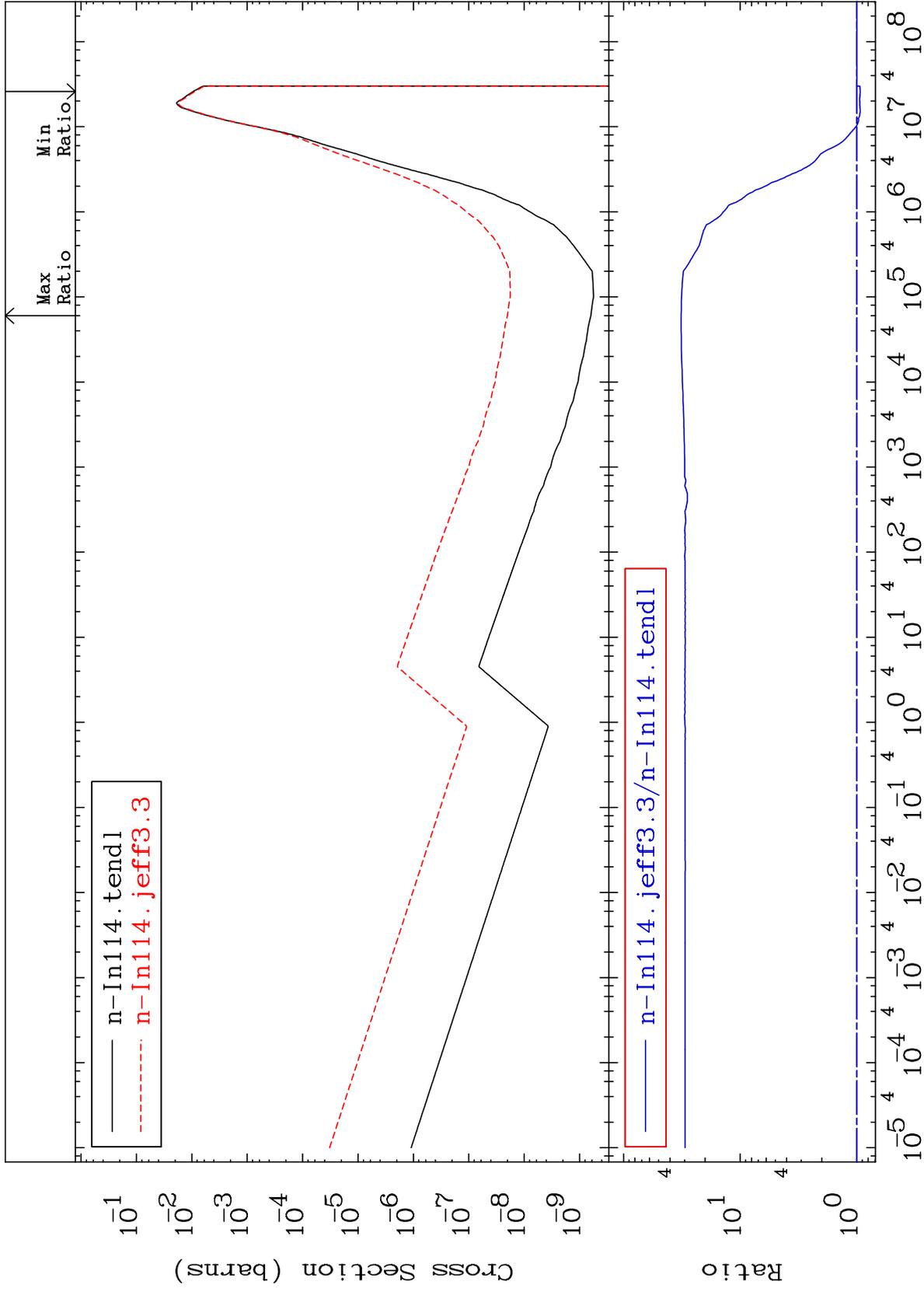
MAT 4928

(n, α)

49-In-114

Cross Section

-6.371 To 3108. %



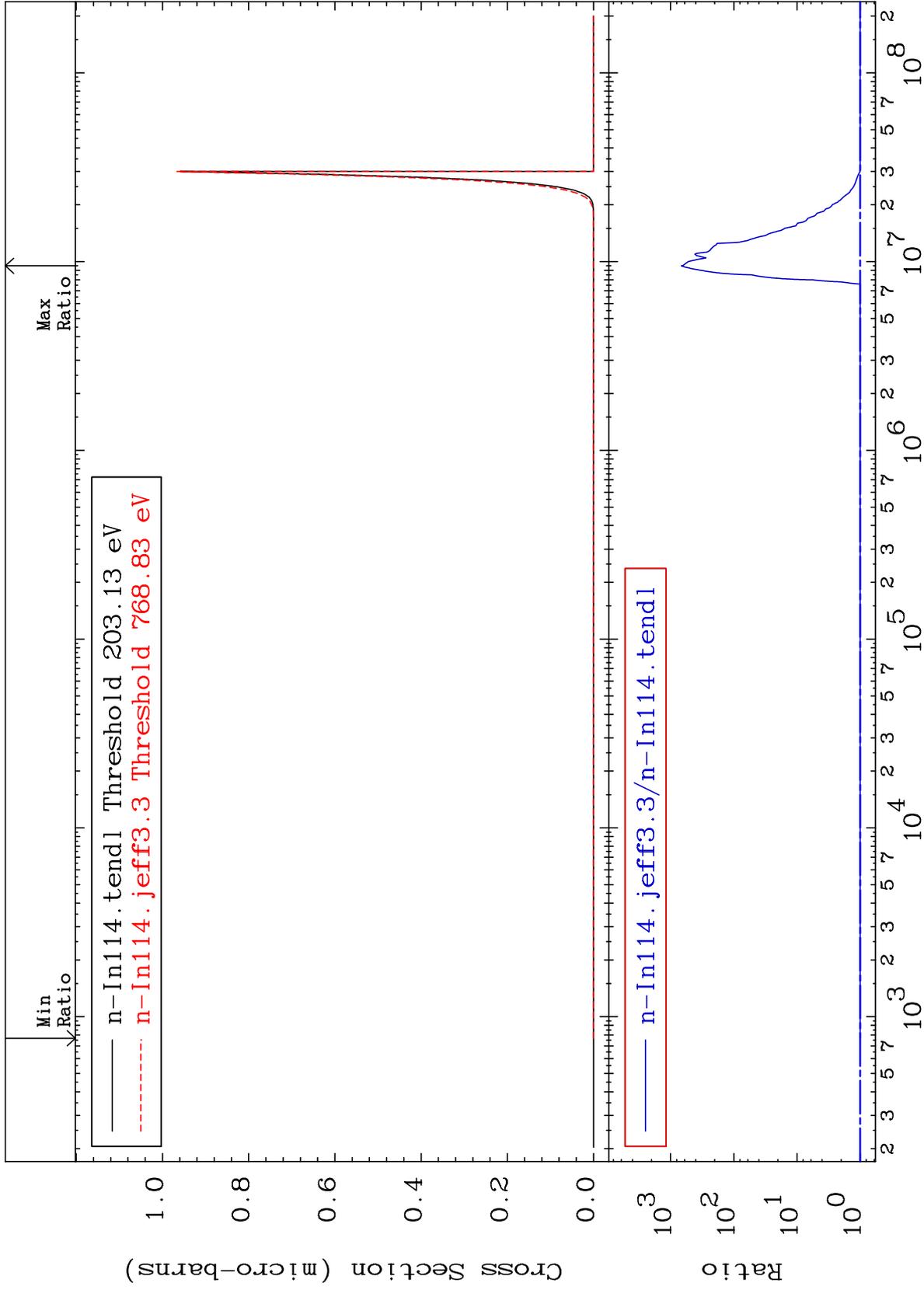
56

Incident Energy (eV)

49-In-114

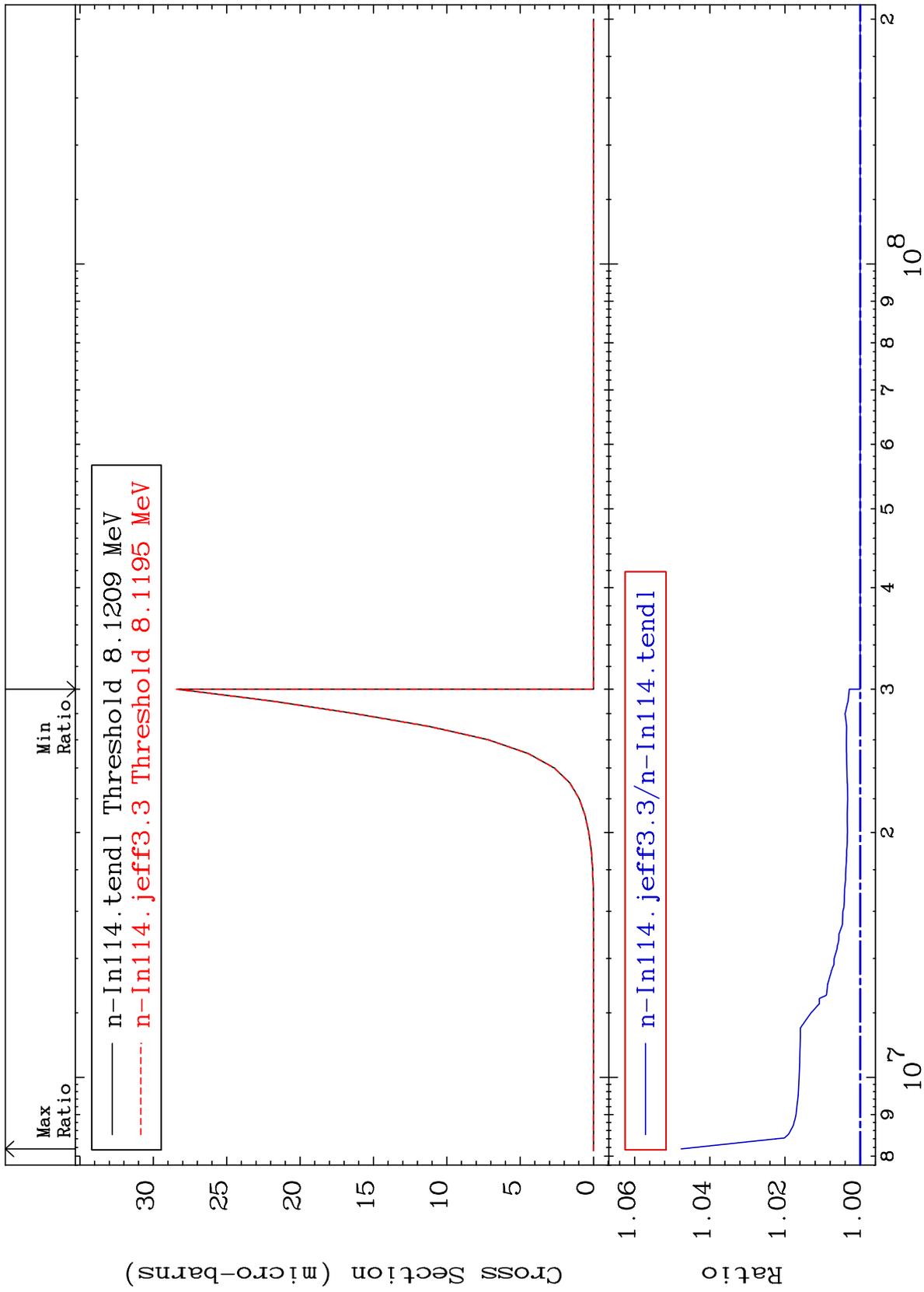
Cross Section

0.000 To 9999. %



MAT 4928

(n,2p) Cross Section
49-In-114
To 4.763 %
0.000

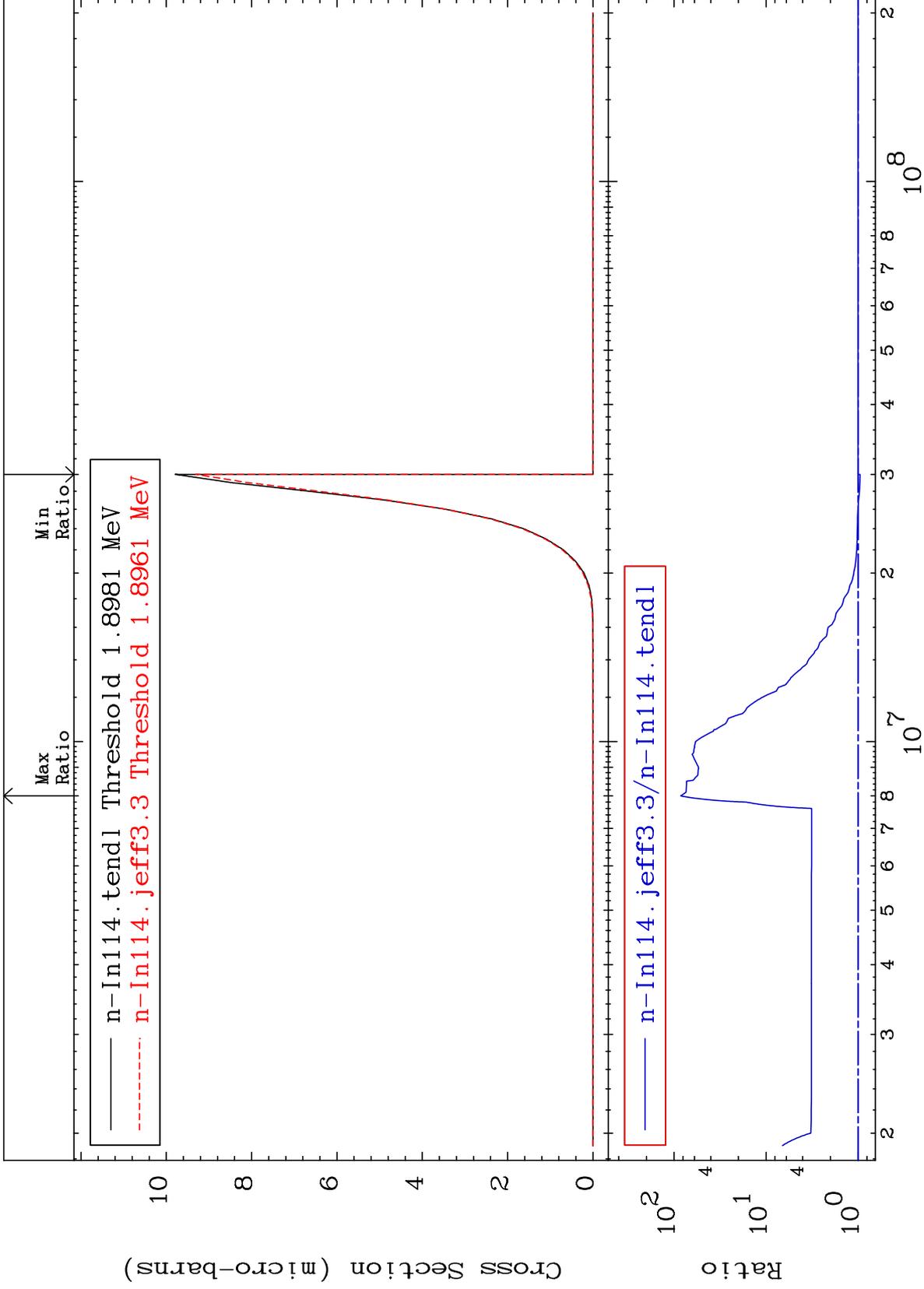


58

Incident Energy (eV)

49-In-114

Cross Section



MAT 4928

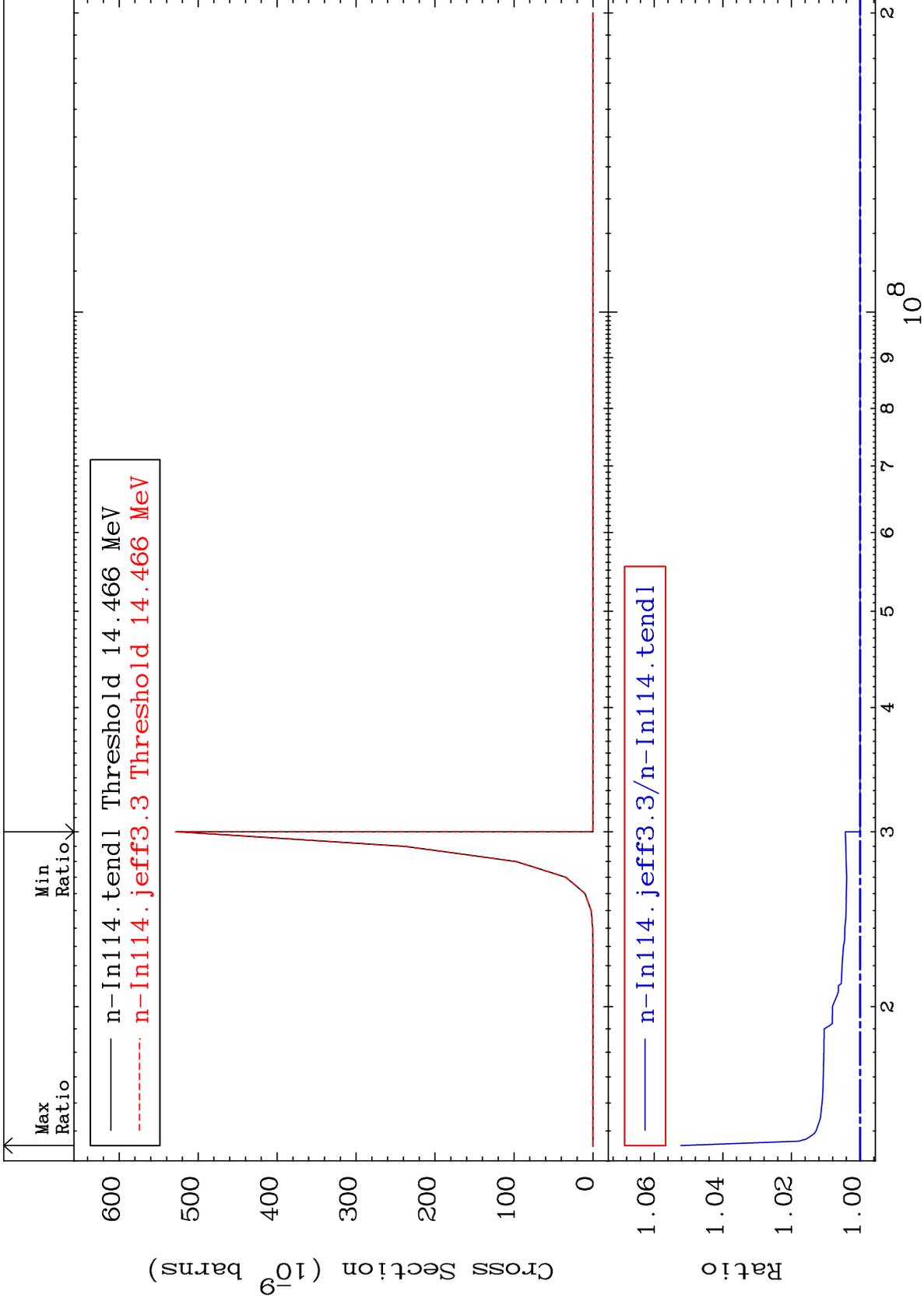
(n,p) d

49-In-114

Cross Section

0.000

To 5.225 %



60

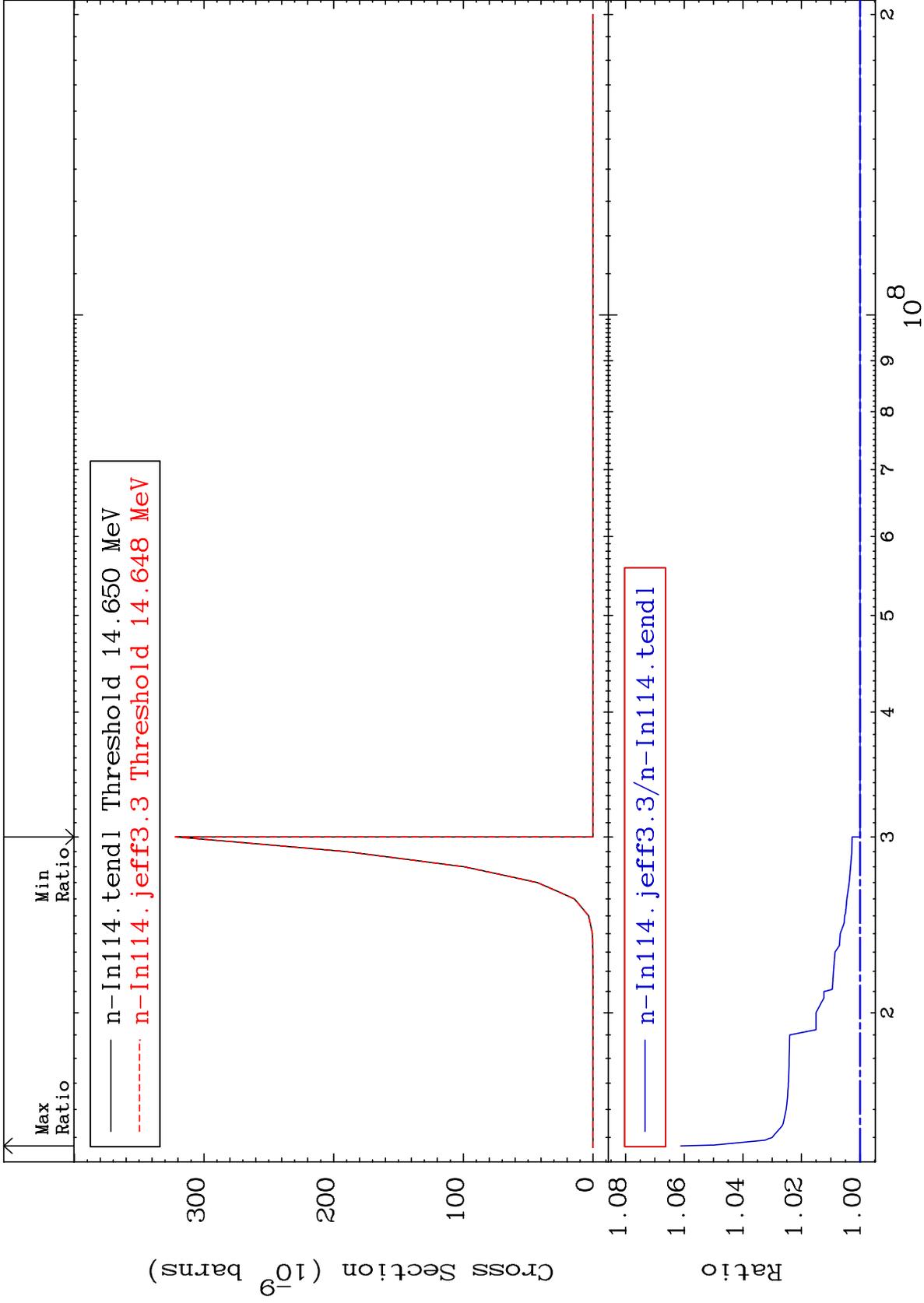
Incident Energy (eV)

49-In-114

MAT 4928

(n,p) t

49-In-114
To 6.118 %
Cross Section



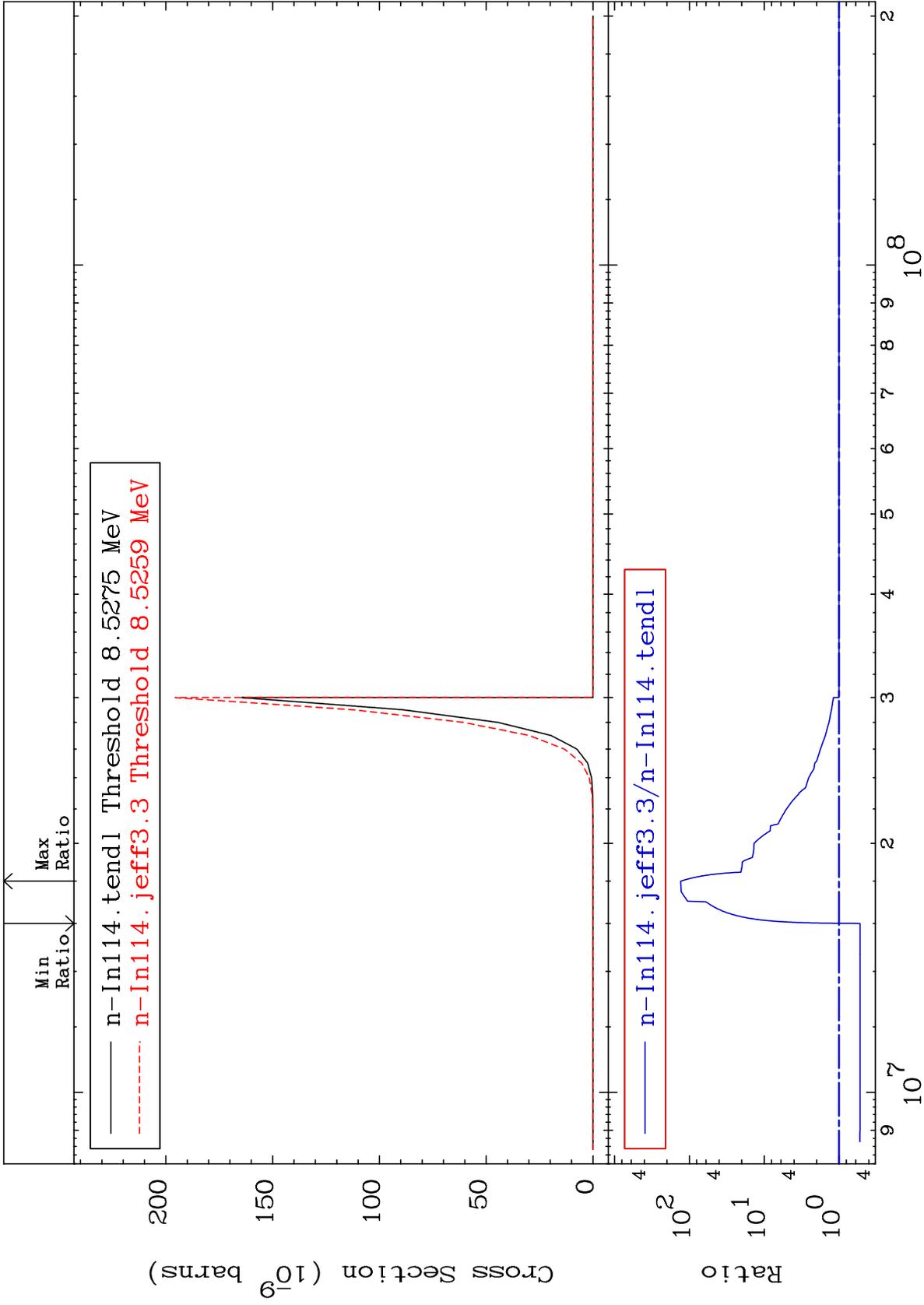
MAT 4928

(n, d) α

49-In-114

Cross Section

-47.60 To 9999. %



62

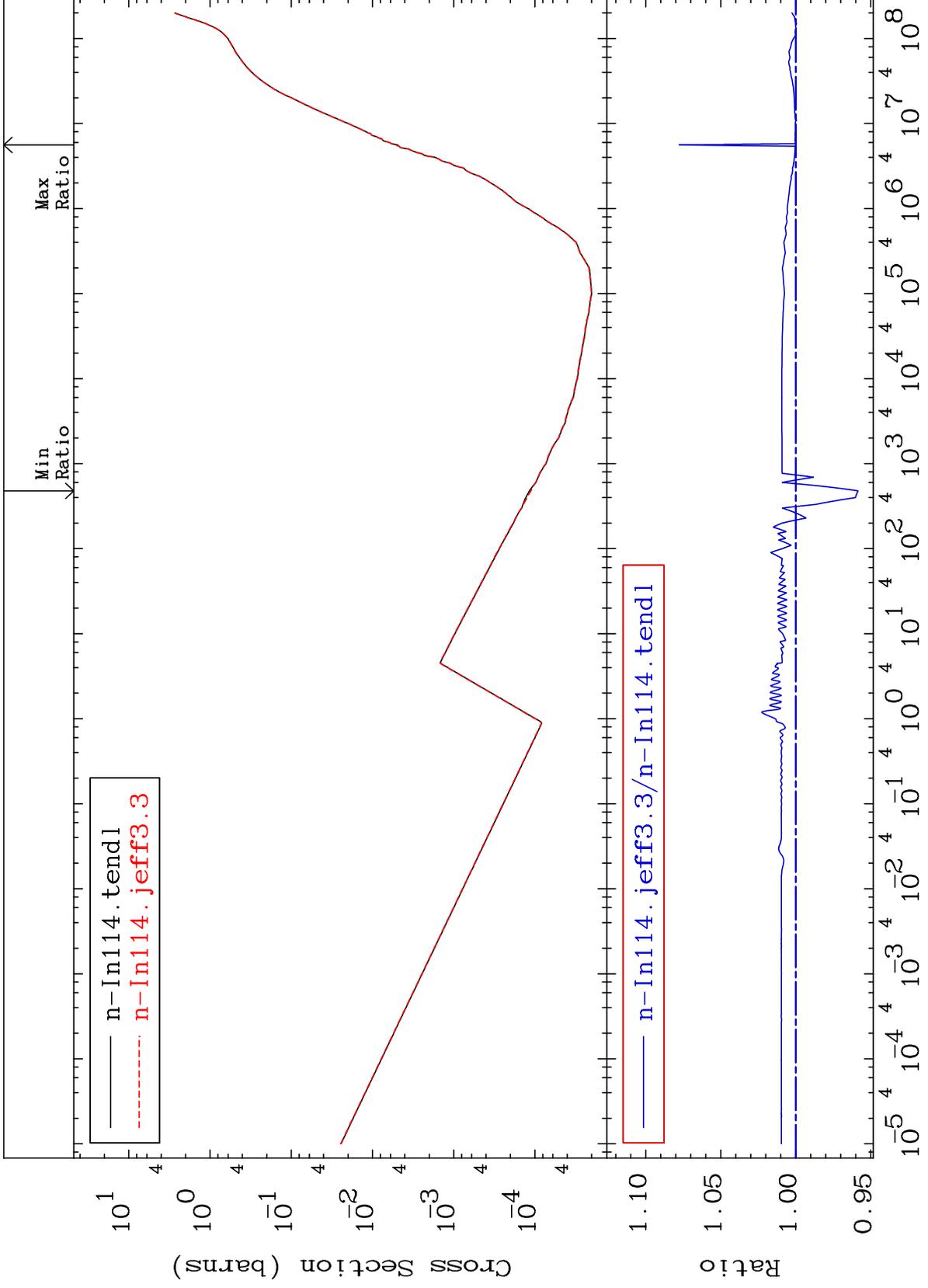
Incident Energy (eV)

49-In-114

MAT 4928

Hydrogen Production
Cross Section

49-In-114
-4.151 To 7.774 %



63

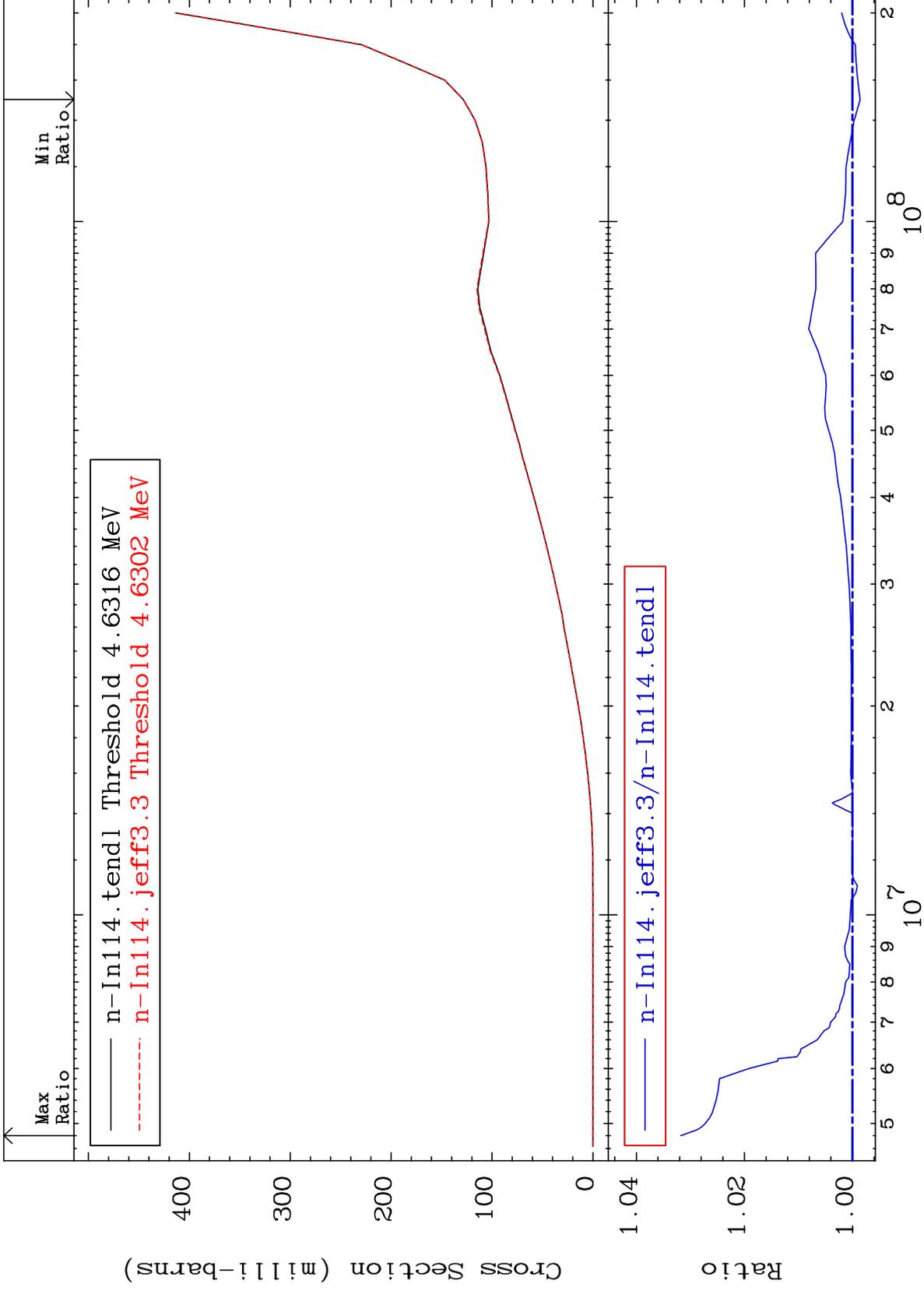
Incident Energy (eV)

49-In-114

MAT 4928

Deuterium Production
Cross Section

49-In-114
-0.140 To 3.178 %



64

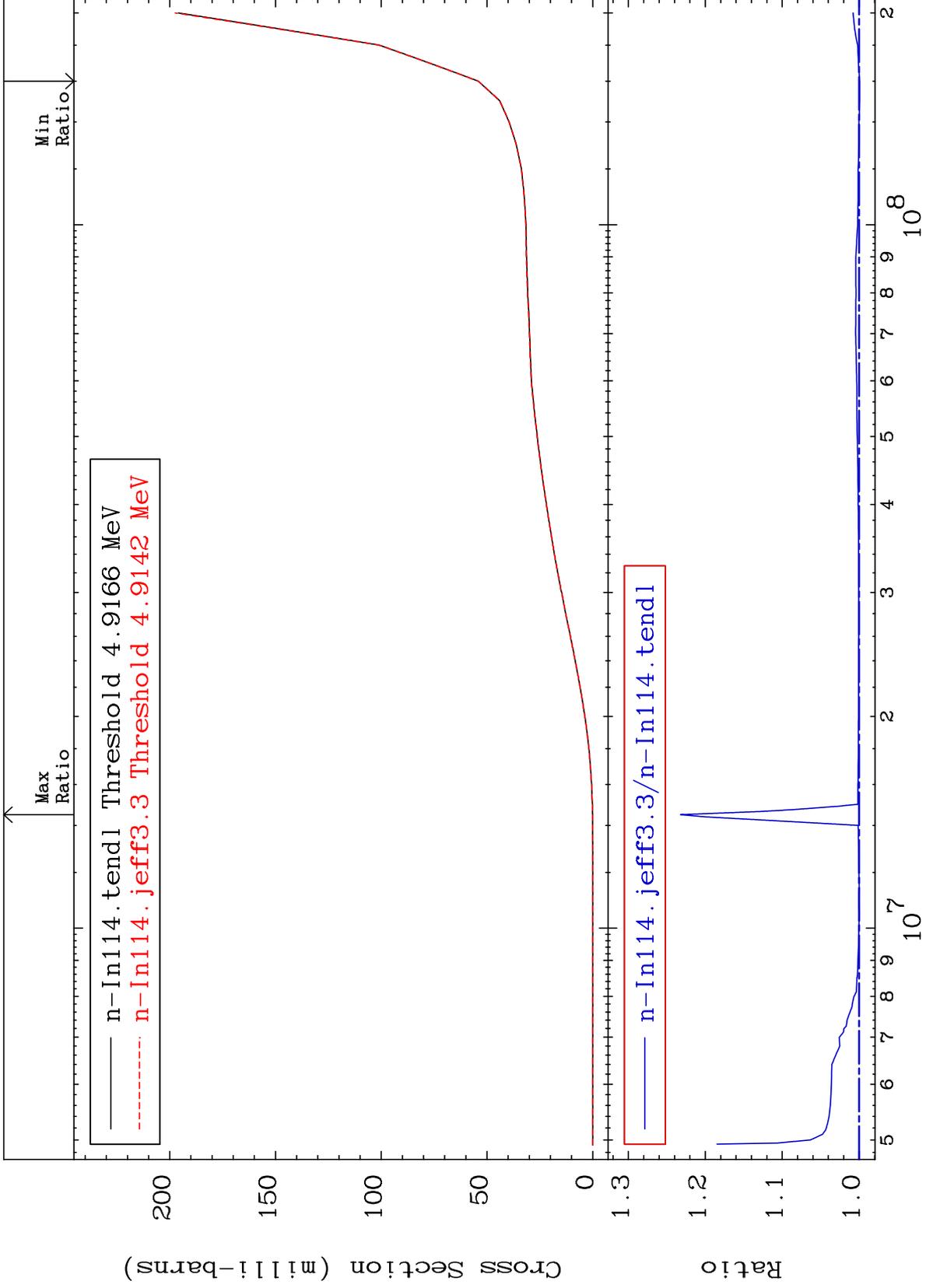
Incident Energy (eV)

49-In-114

MAT 4928

Tritium Production
Cross Section

49-In-114
-0.087 To 23.22 %



65

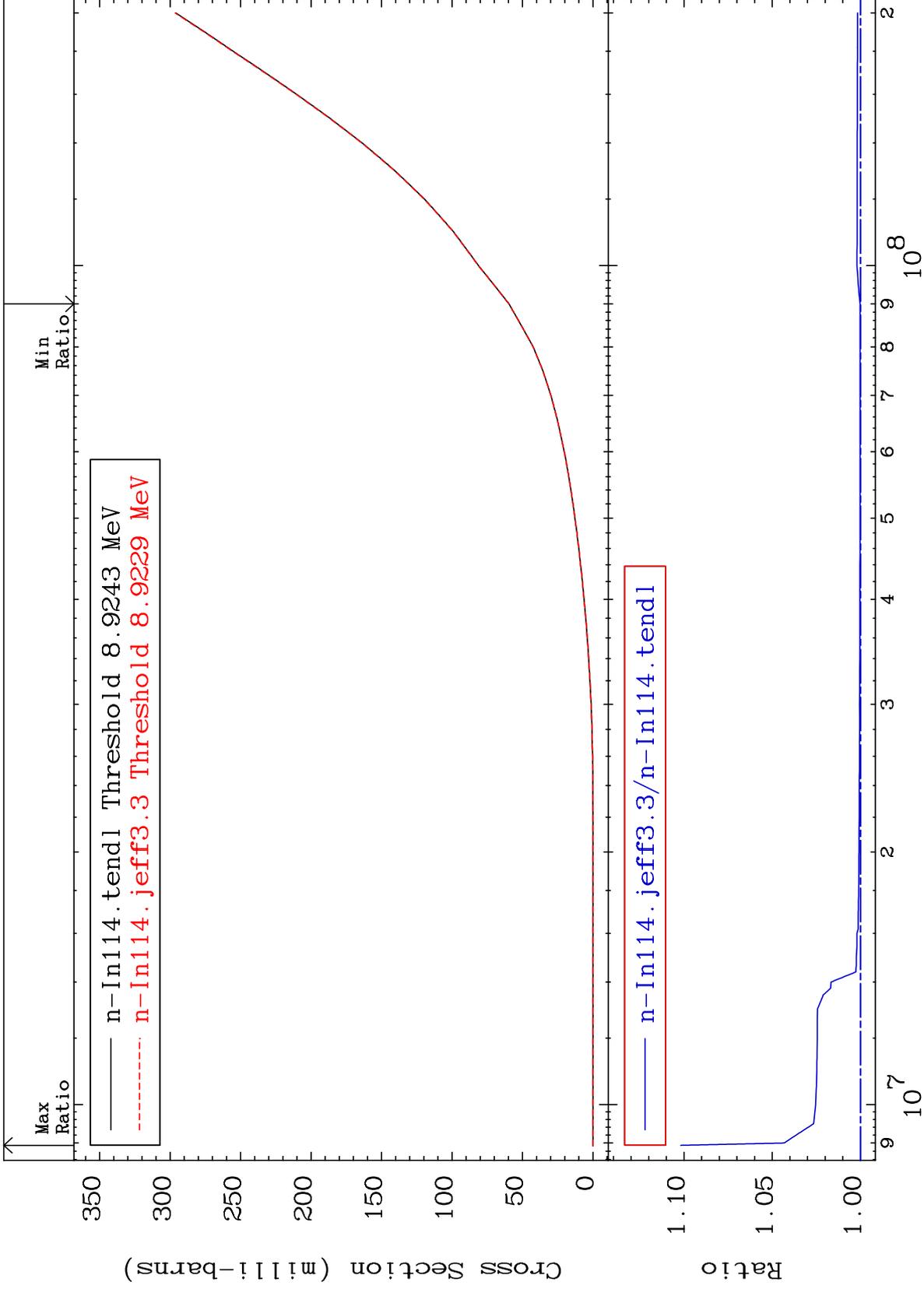
Incident Energy (eV)

49-In-114

MAT 4928

He-3 Production
Cross Section

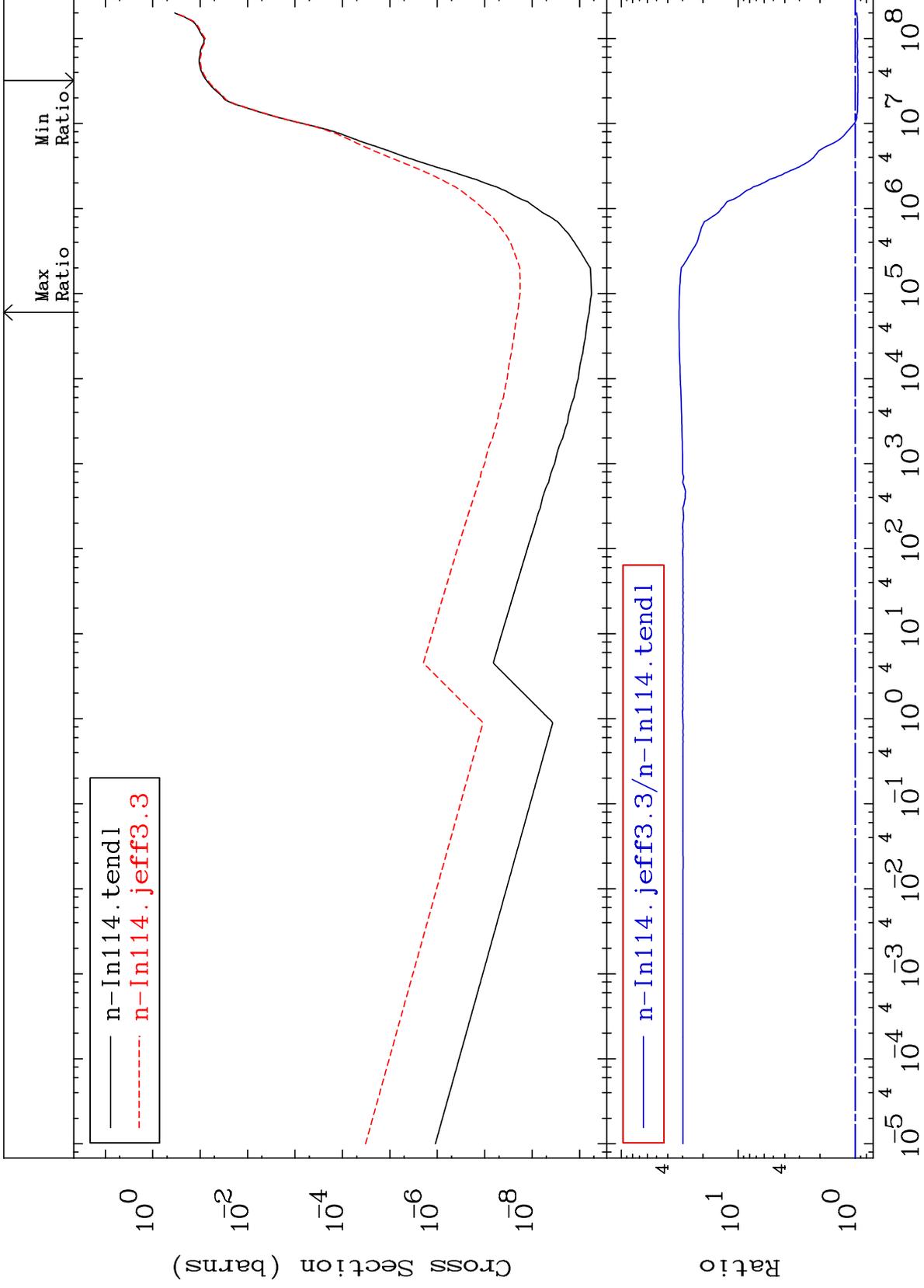
49-In-114
To 10.19 %

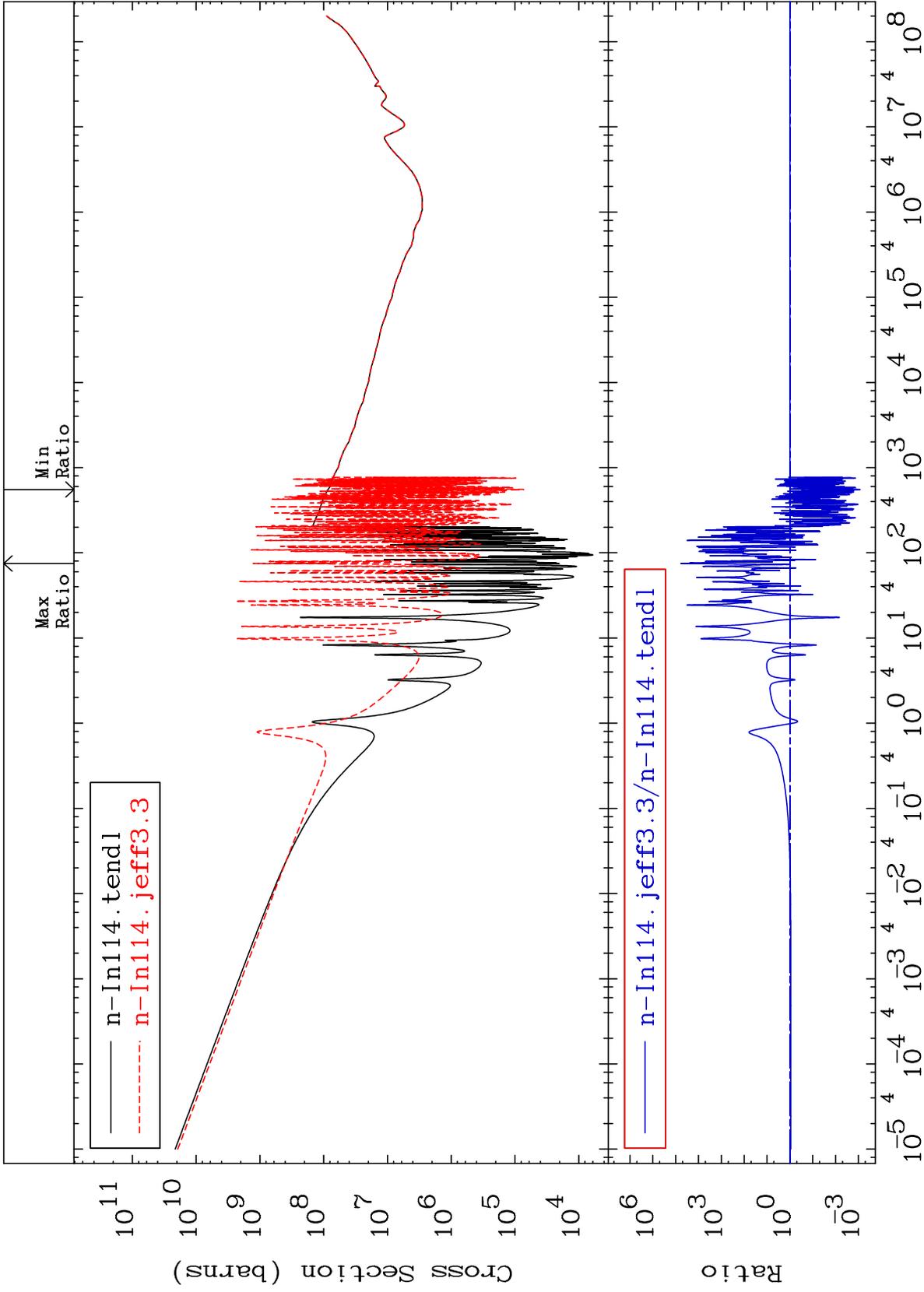


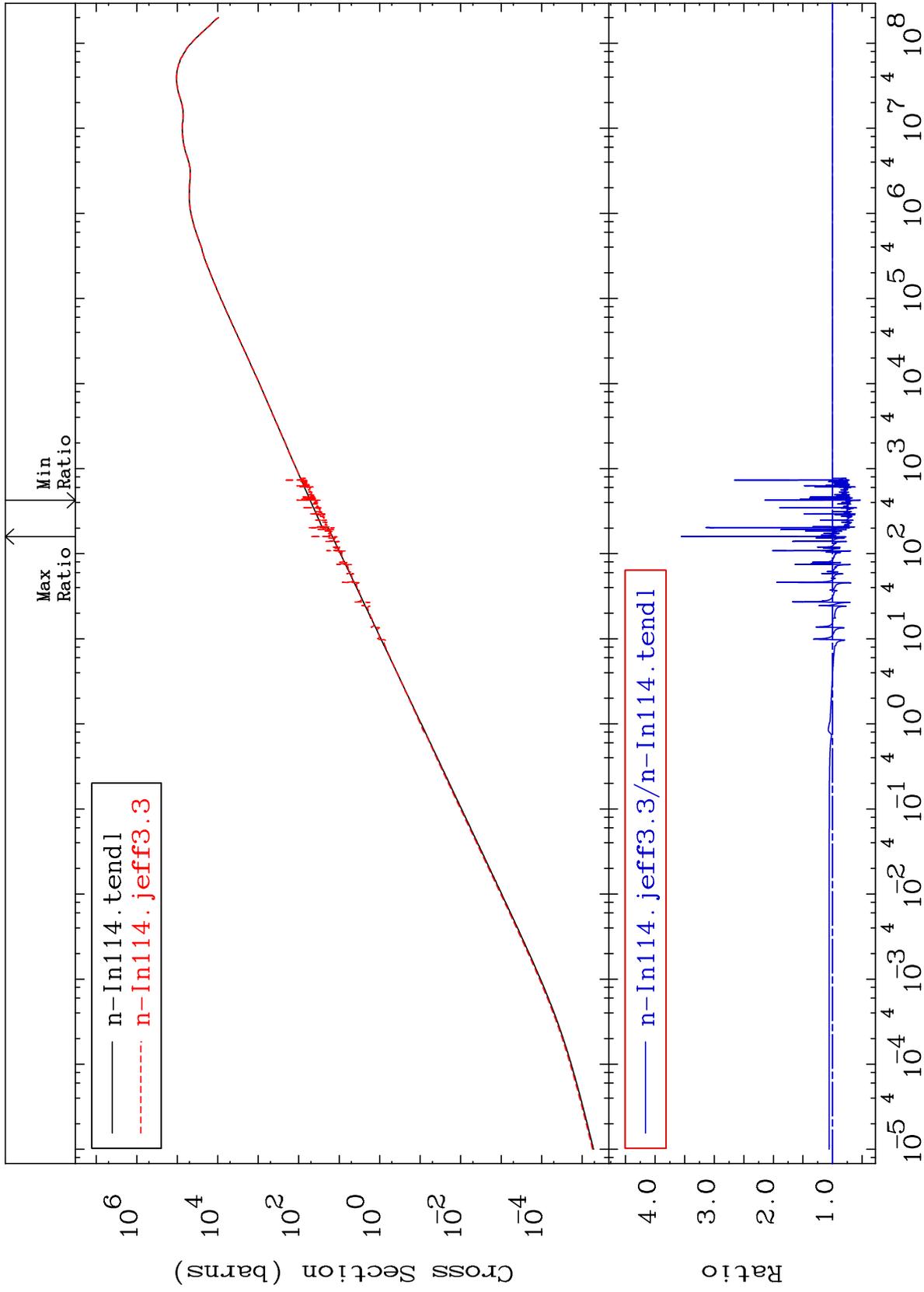
66

Incident Energy (eV)

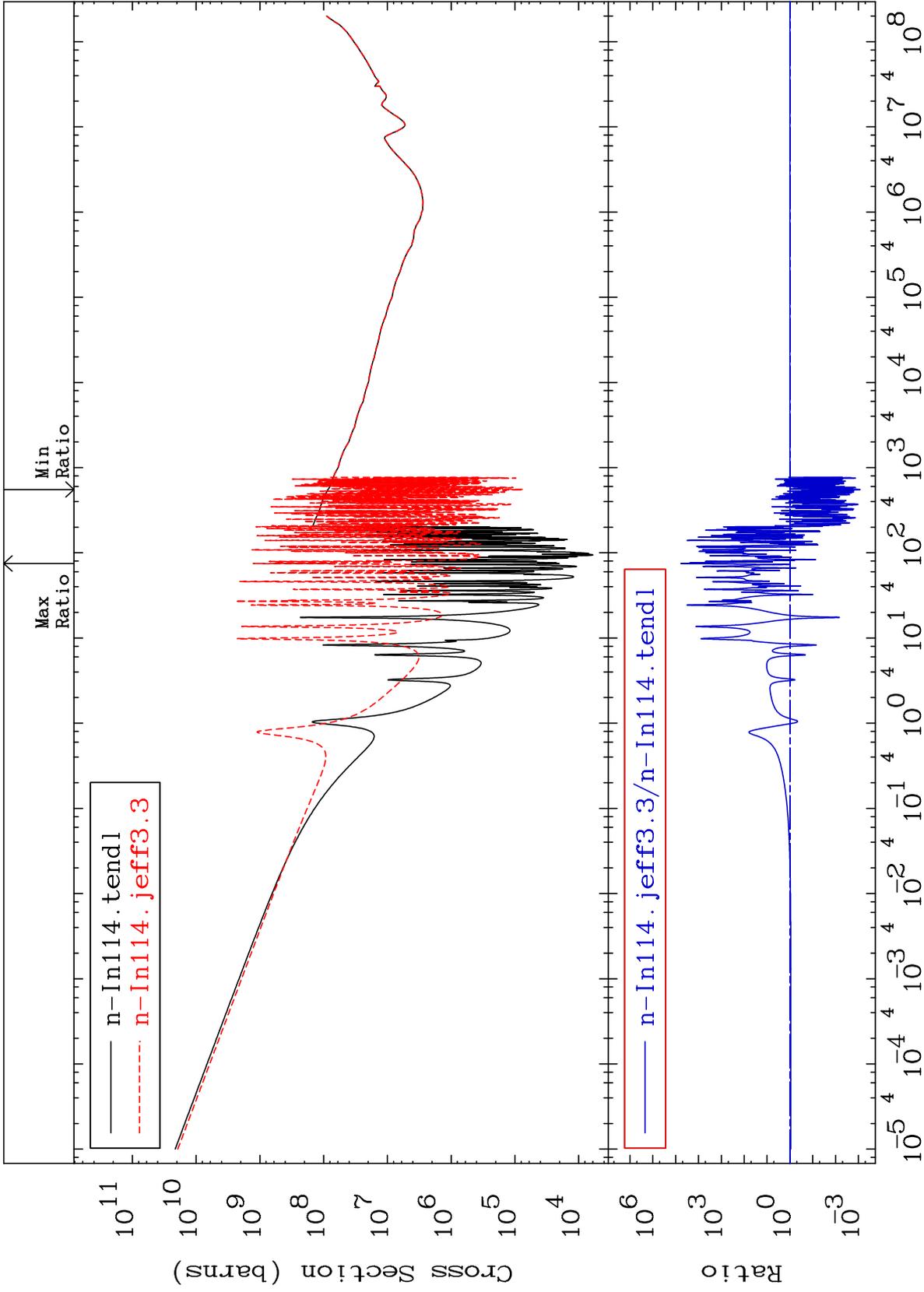
49-In-114

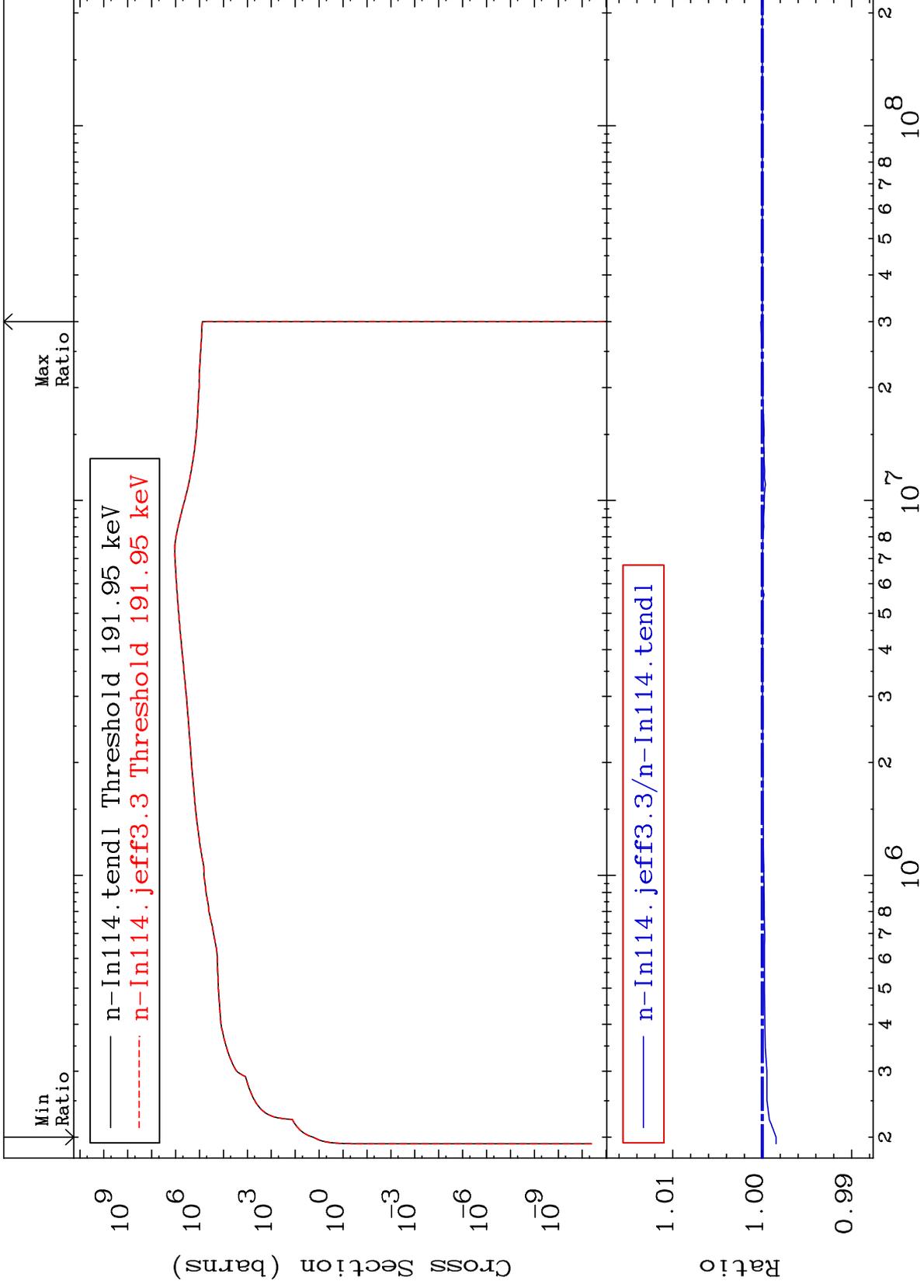


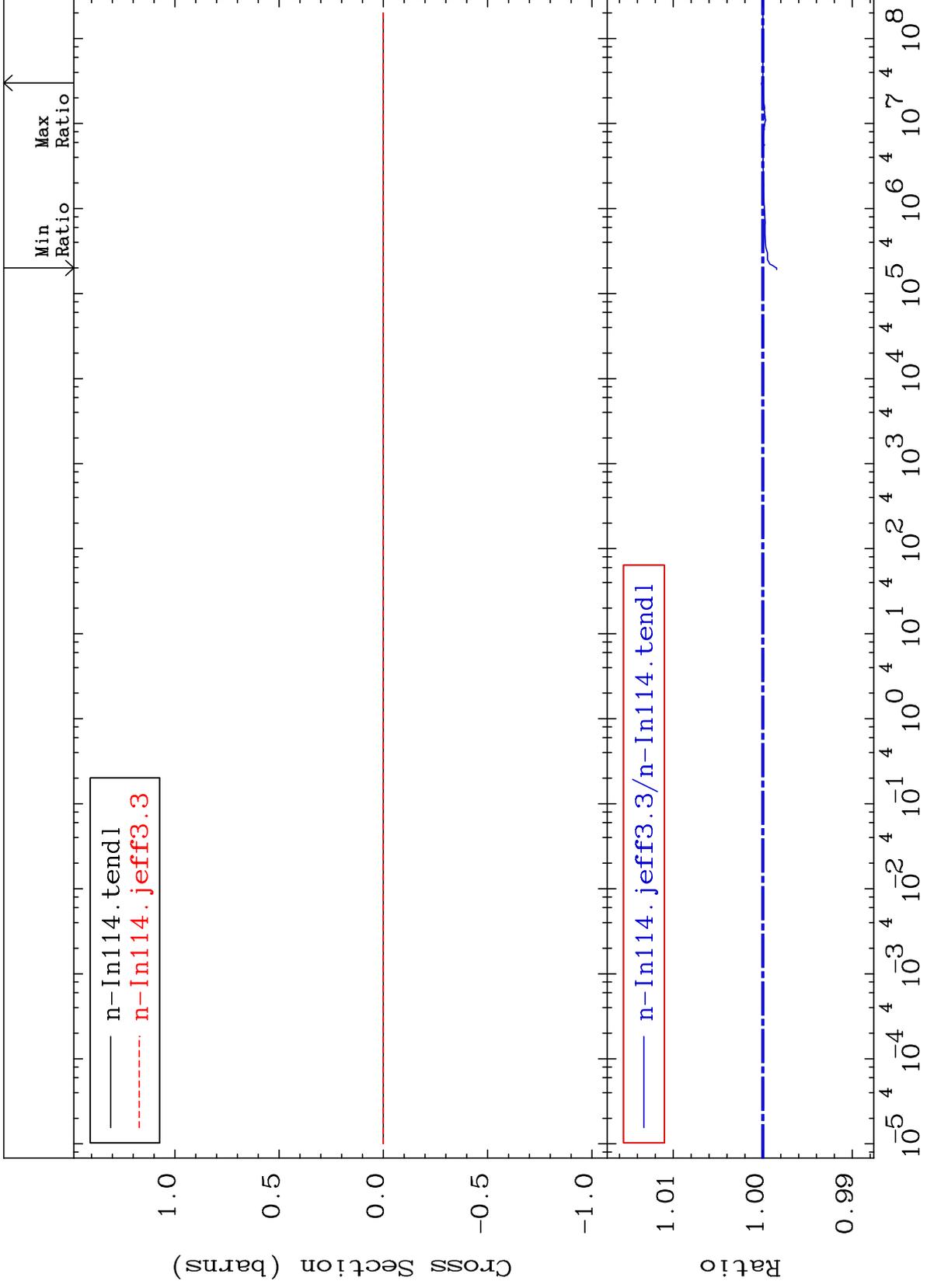


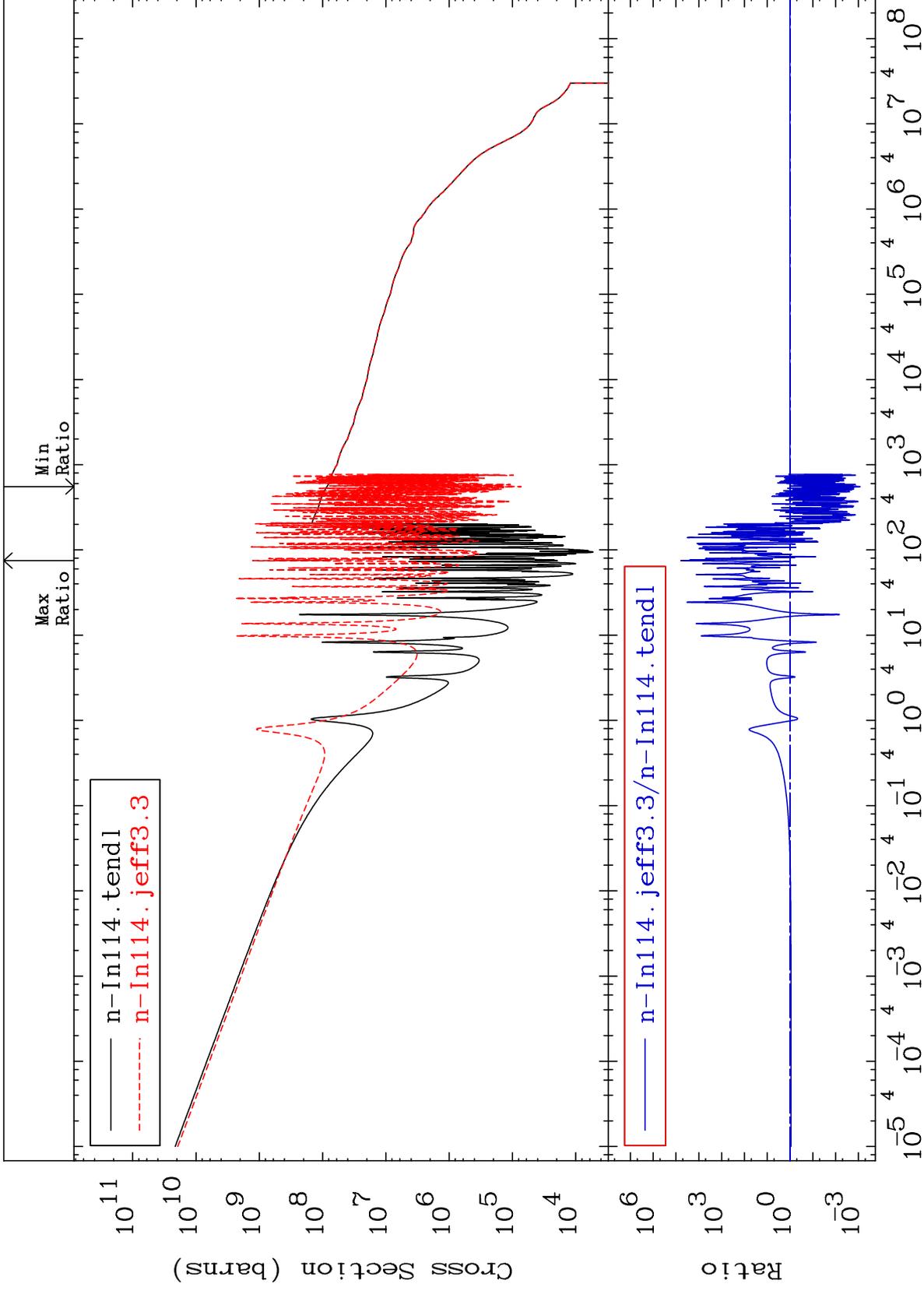


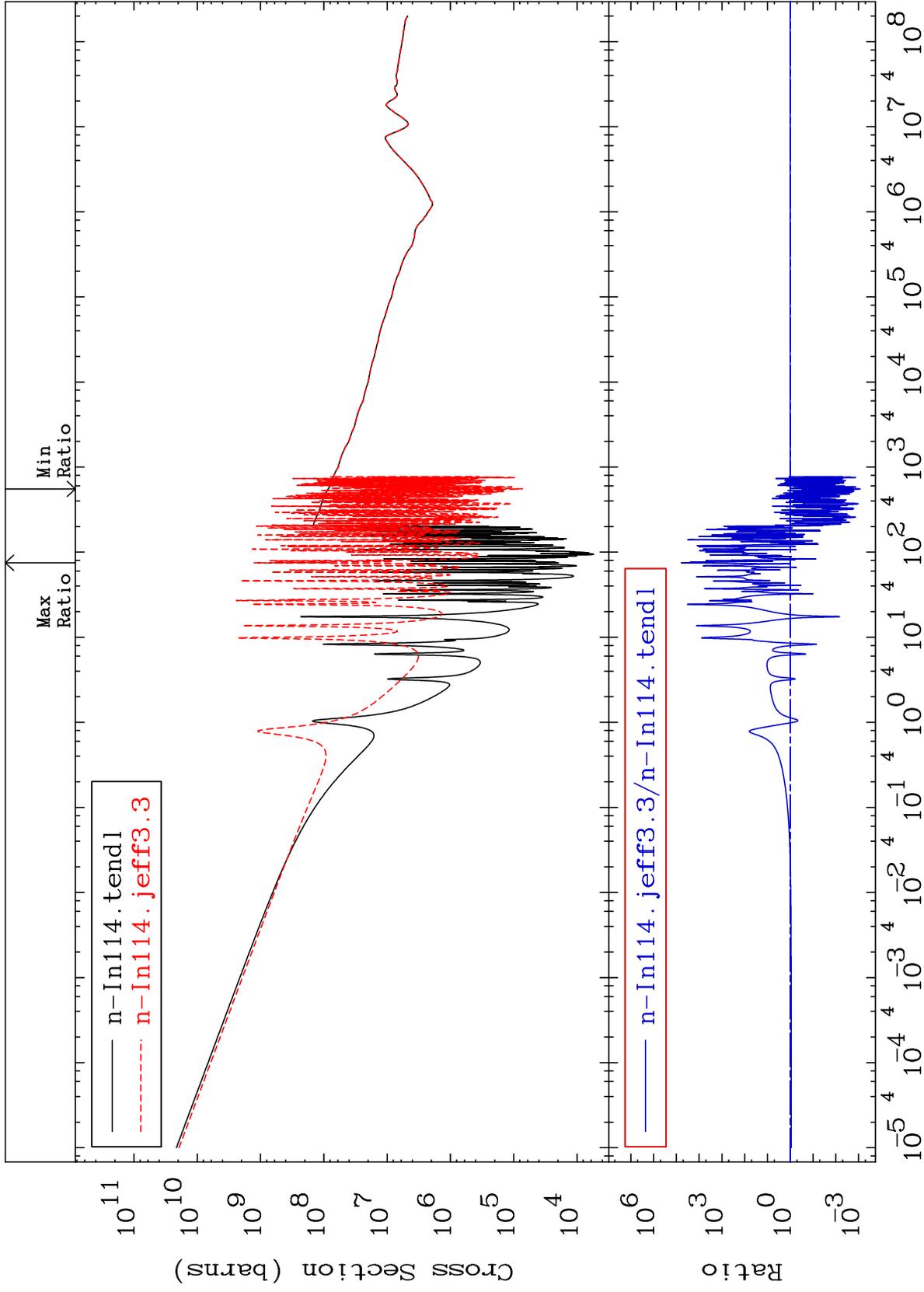
Cross Section

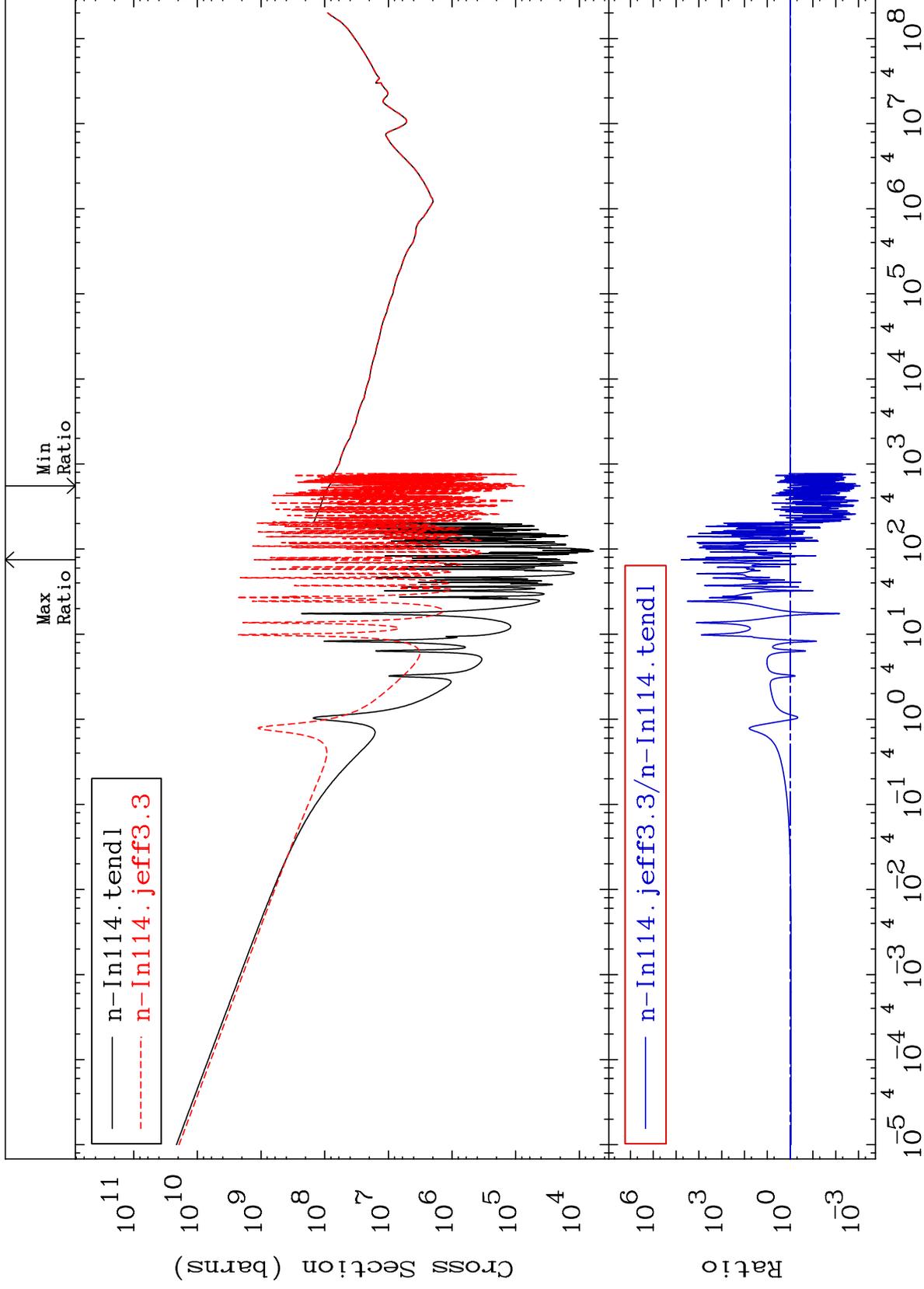


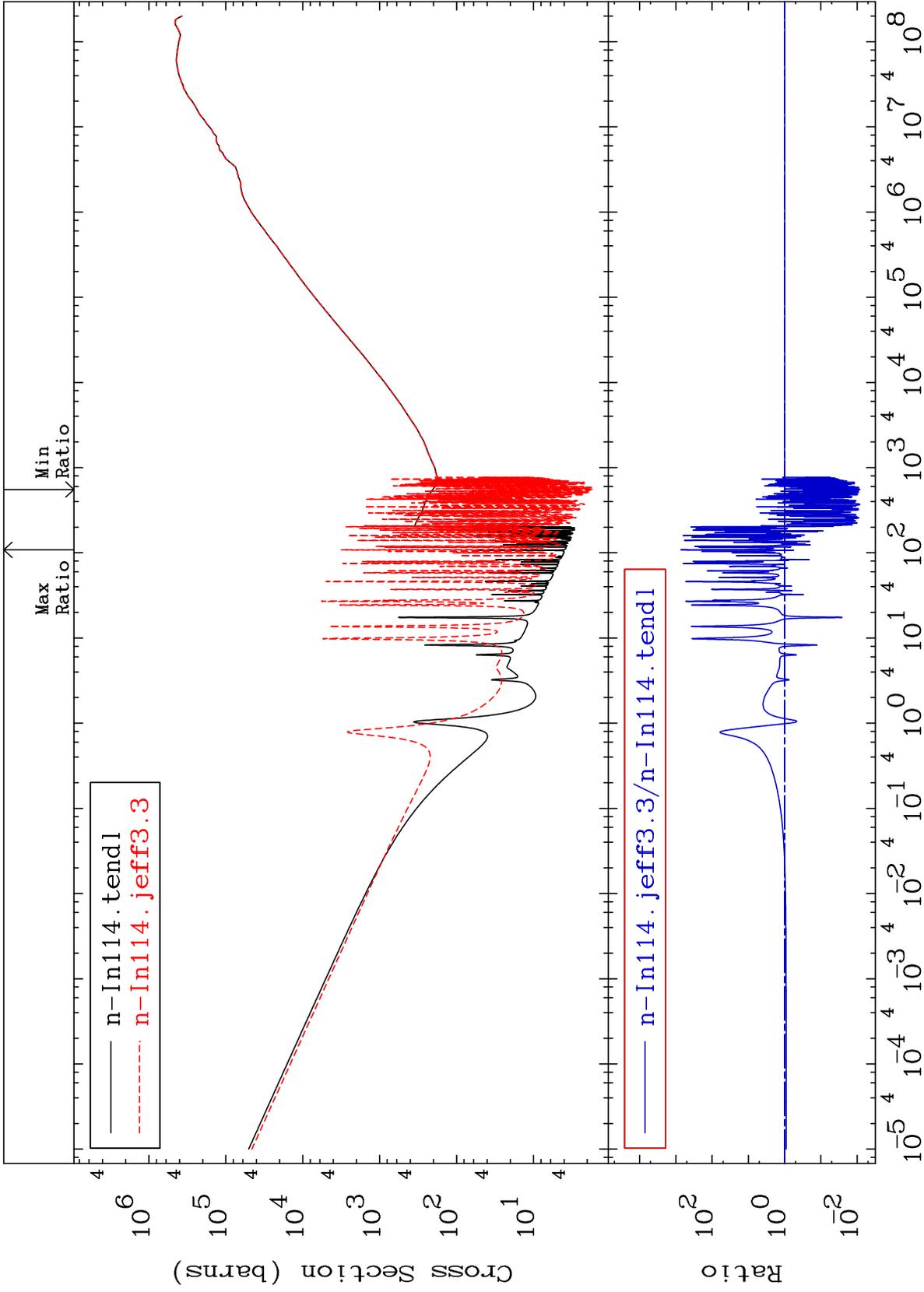


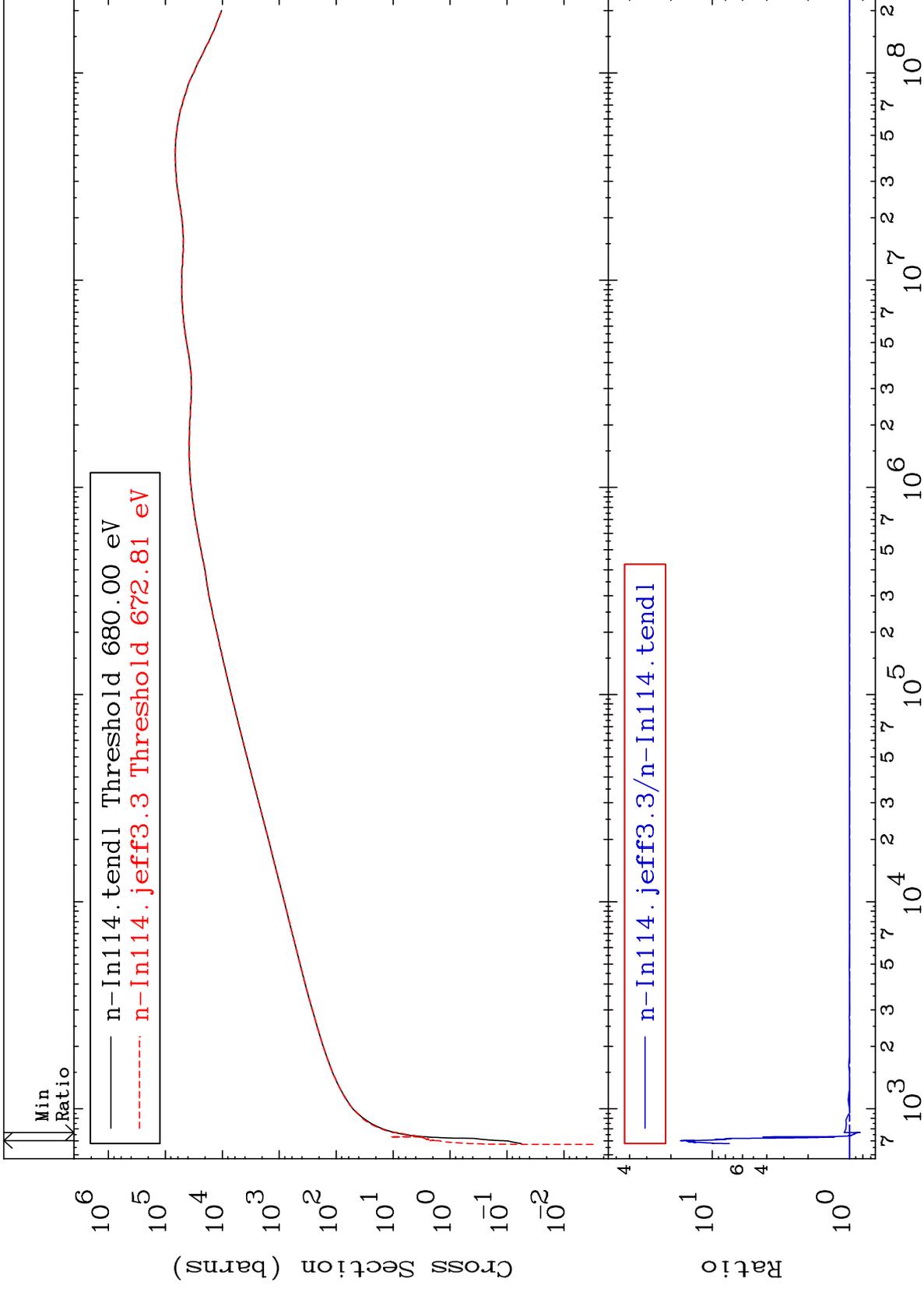








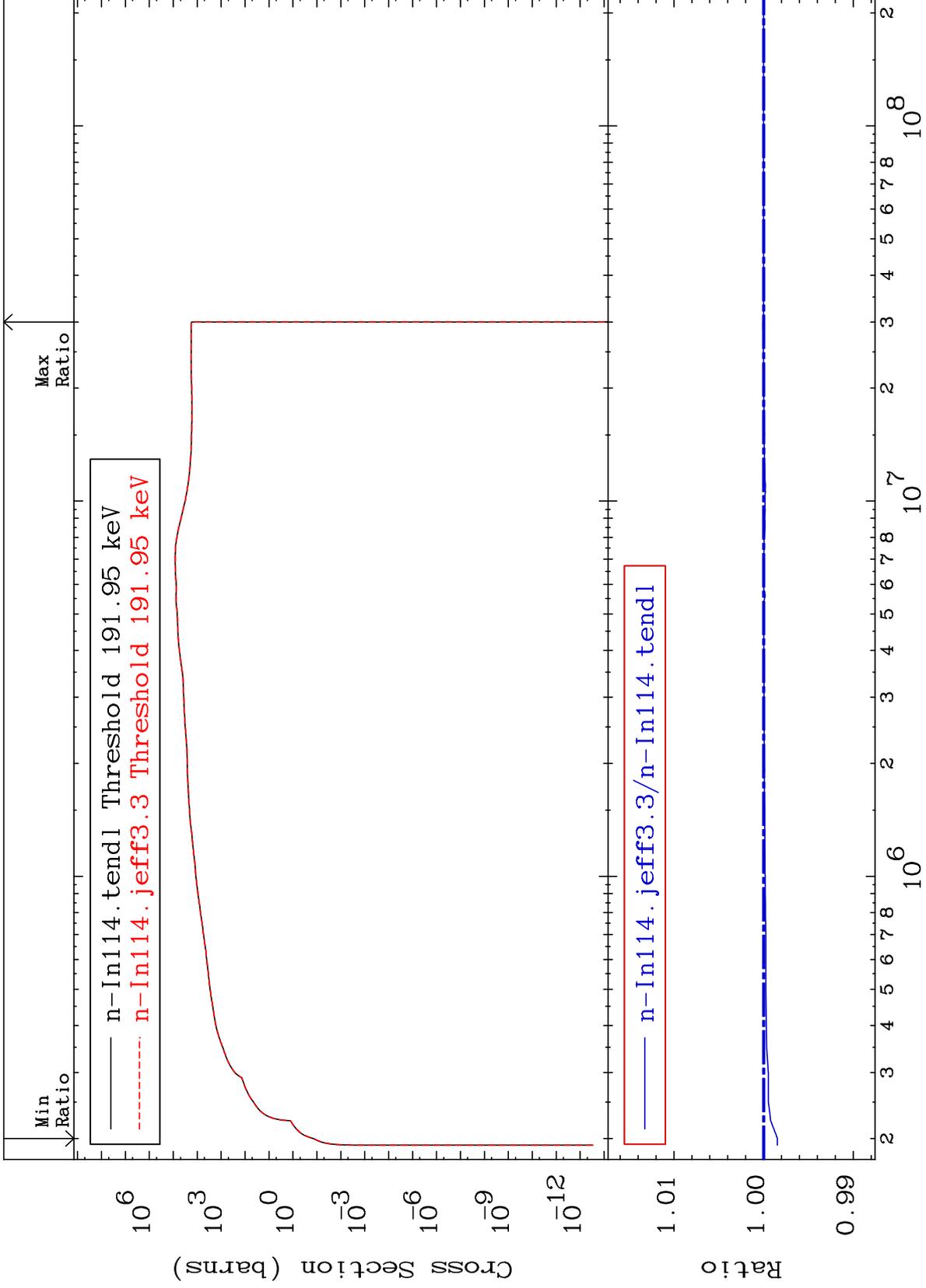


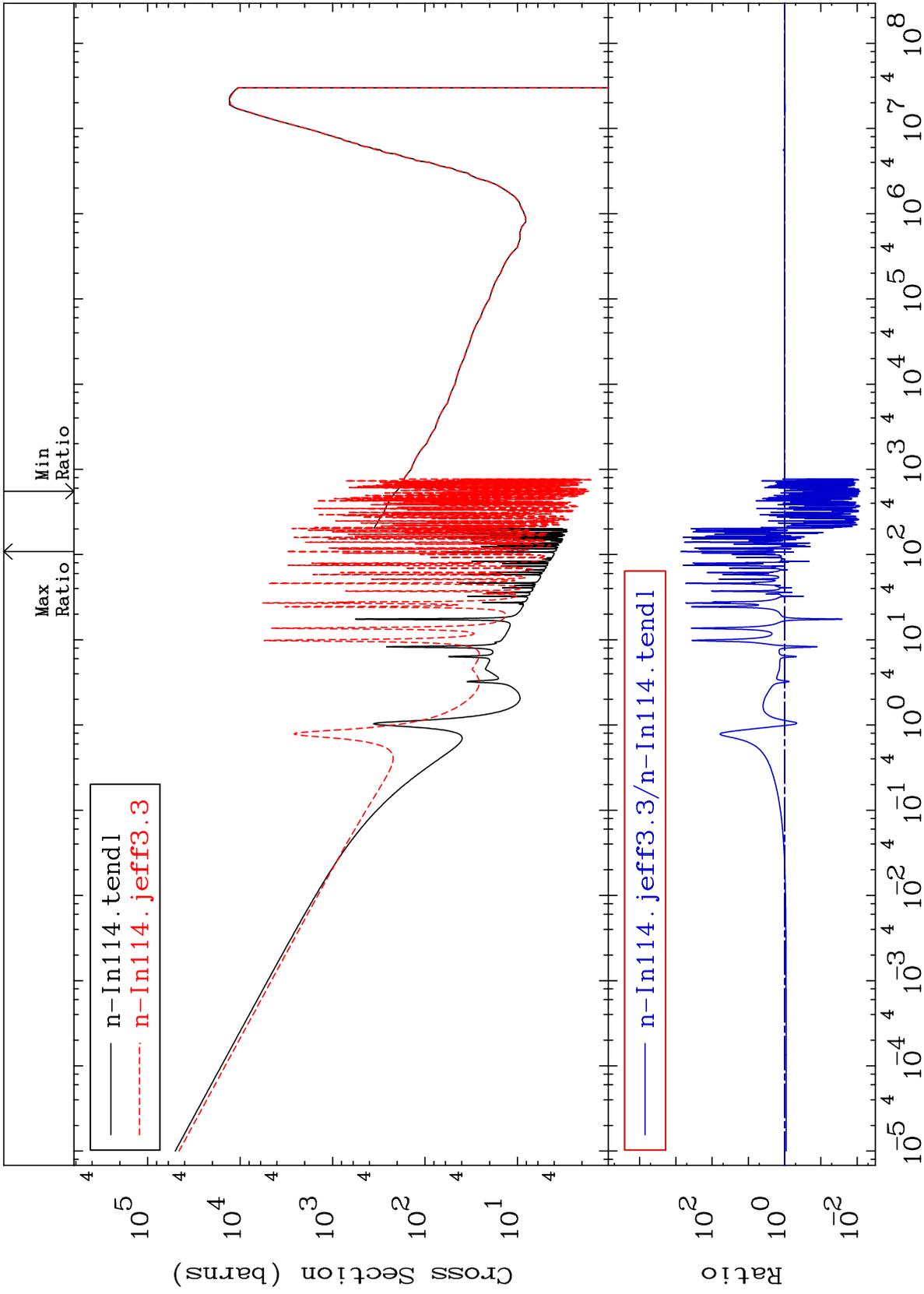


MAT 4928

Dpa inelastic (mt51-91)
Cross Section

49-In-114
-0.154 To 0.008 %



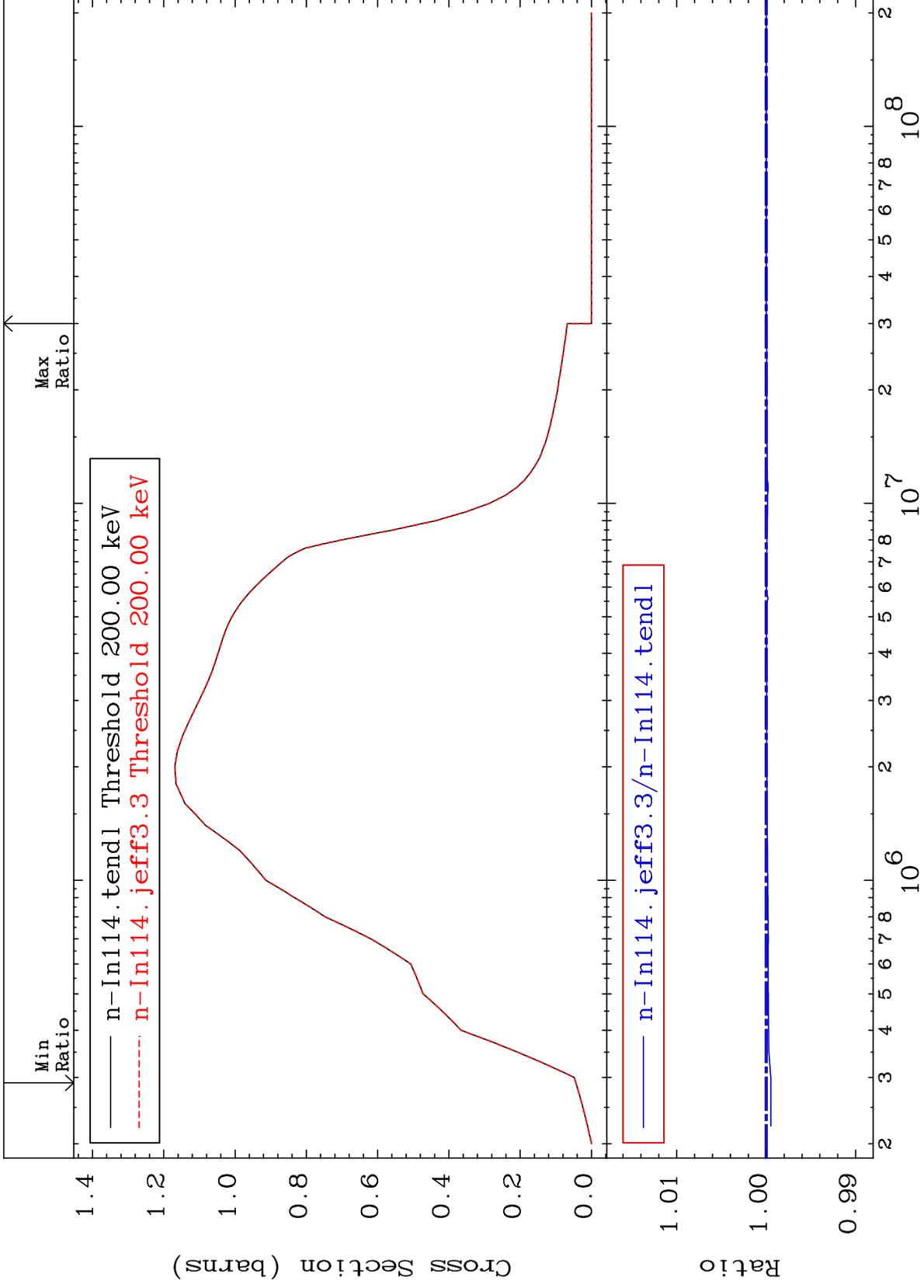


MAT 4928

Inelastic:49-In-114g

49-In-114

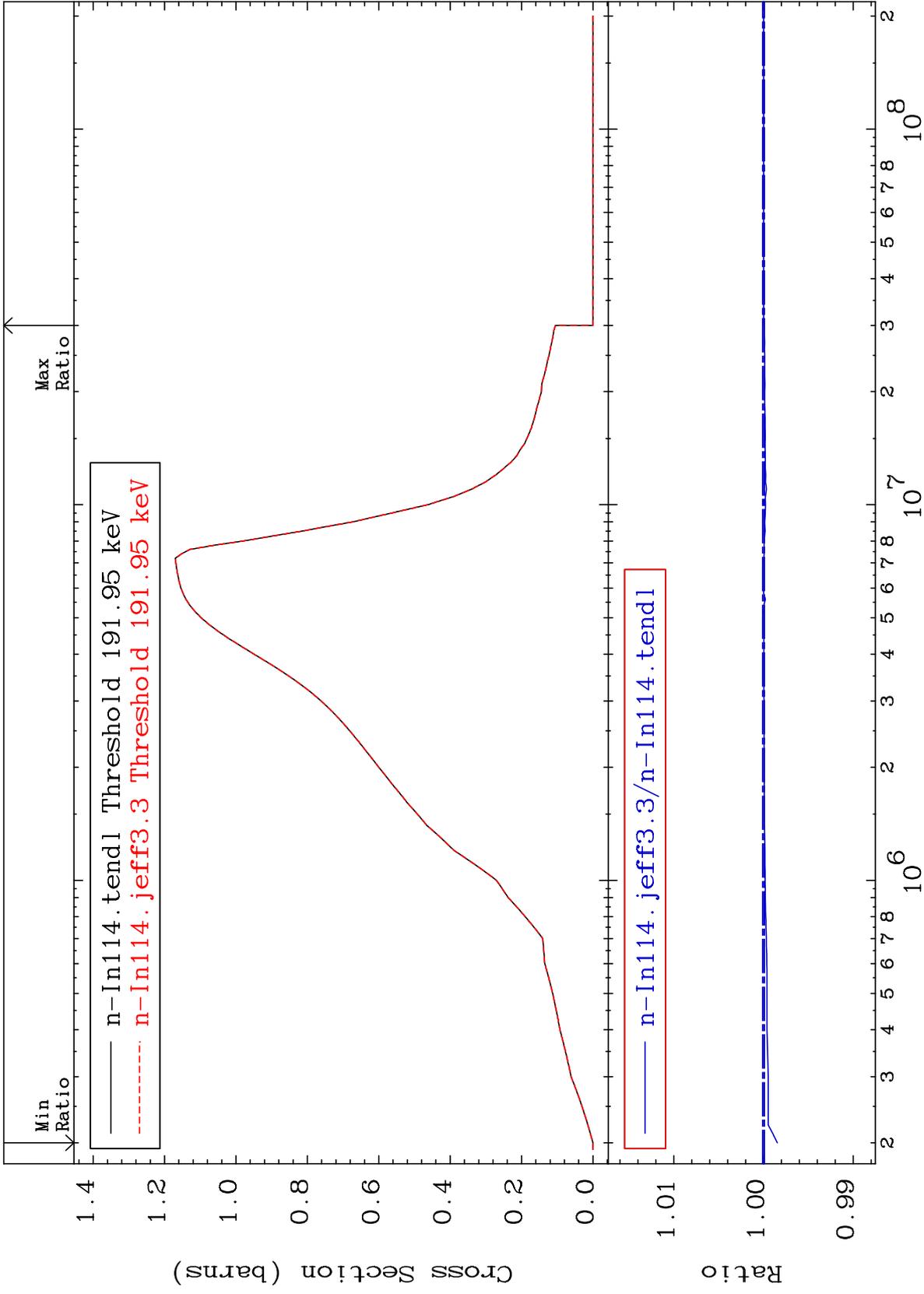
Radionuclide Production Cross Section -0.051 To 0.000 %



80

Incident Energy (eV)

49-In-114



MAT 4928

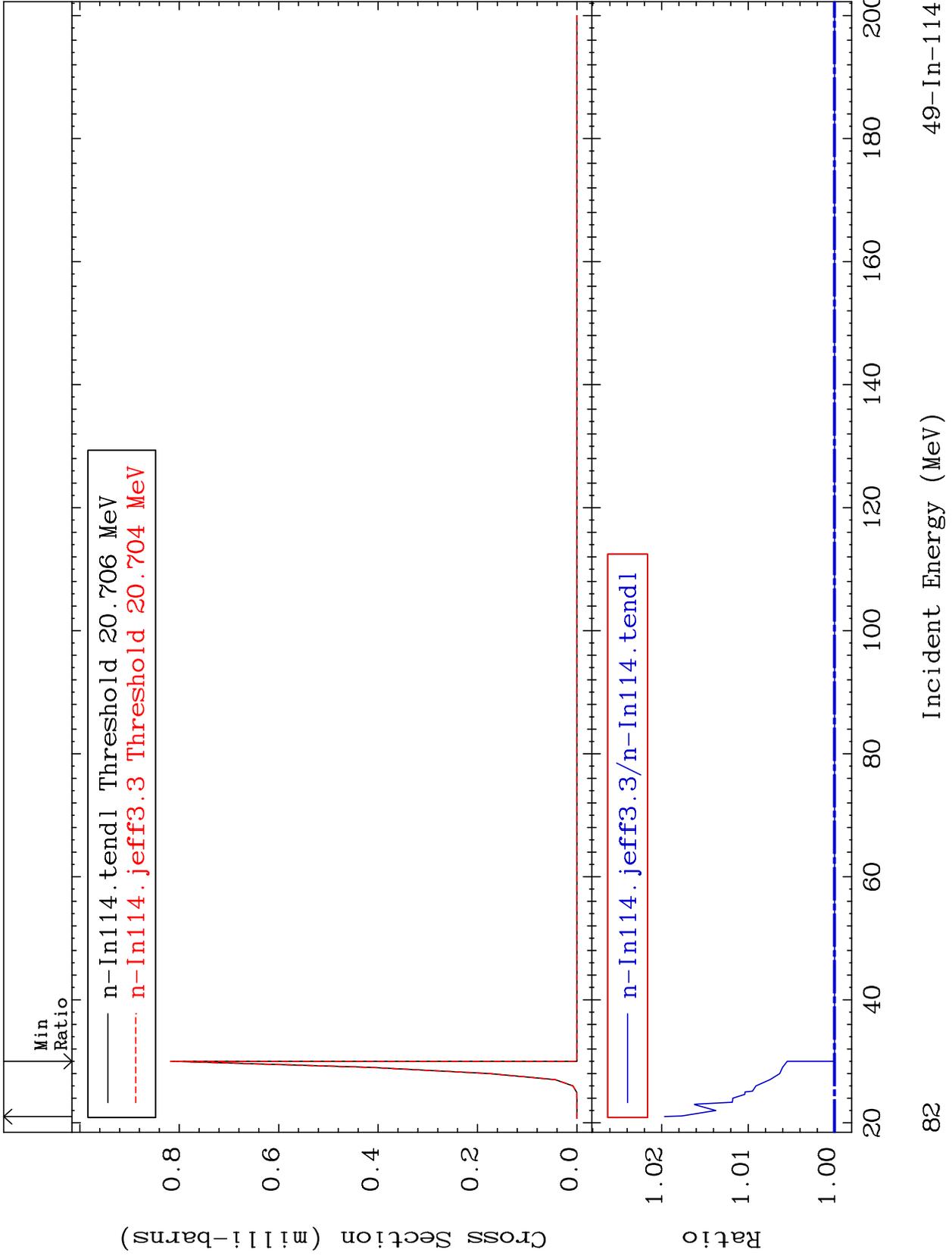
(n,2n) d:48-Cd-111g

49-In-114

Radionuclide Production Cross Section

0.000

To 1.967 %

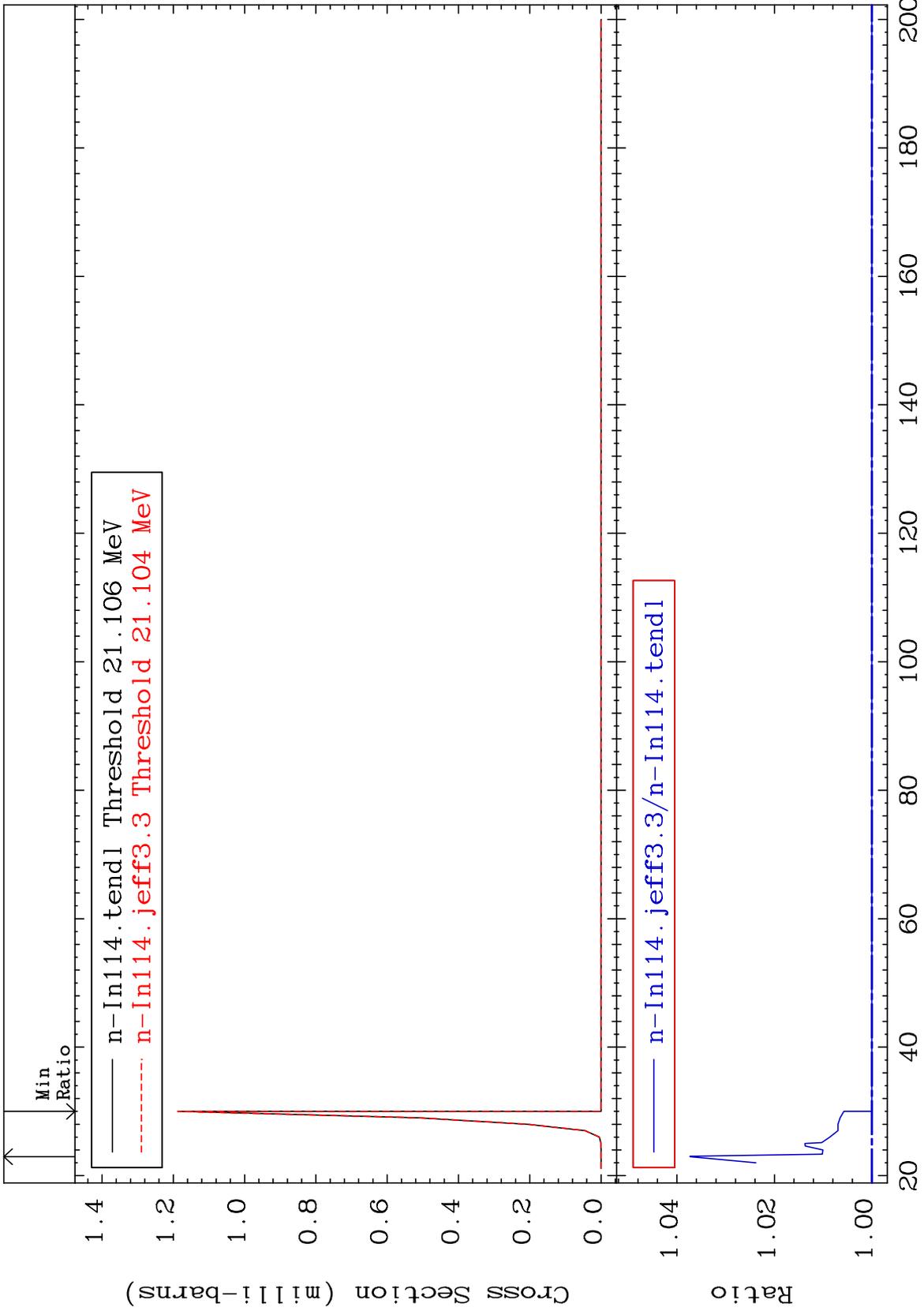


MAT 4928

(n,2n) d:48-Cd-111m3

49-In-114

Radionuclide Production Cross Section 0.000 To 3.732 %



83

Incident Energy (MeV)

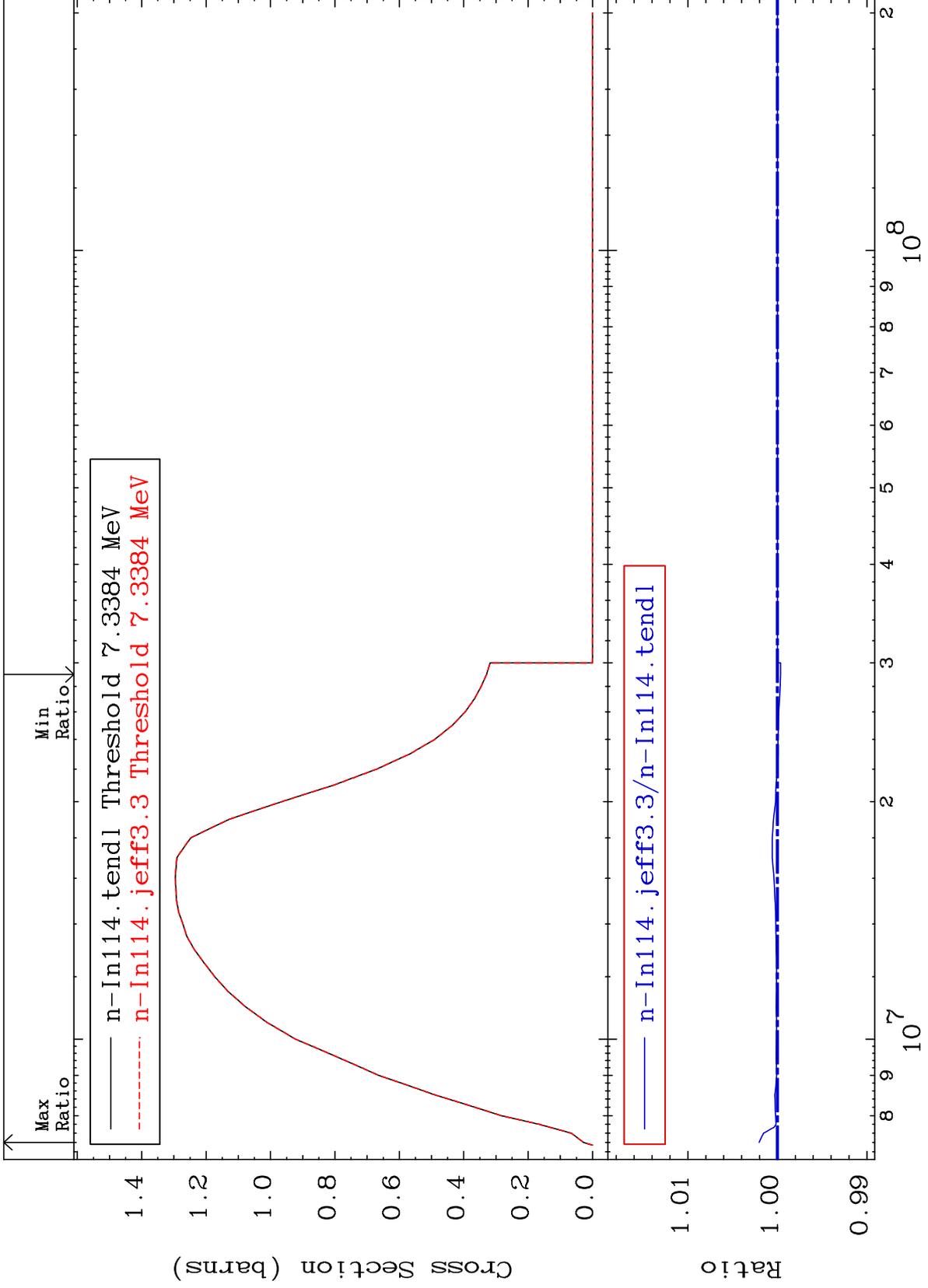
49-In-114

MAT 4928

(n,2n):49-In-113g

49-In-114

Radionuclide Production Cross Section -0.036 To 0.205 %



84

Incident Energy (eV)

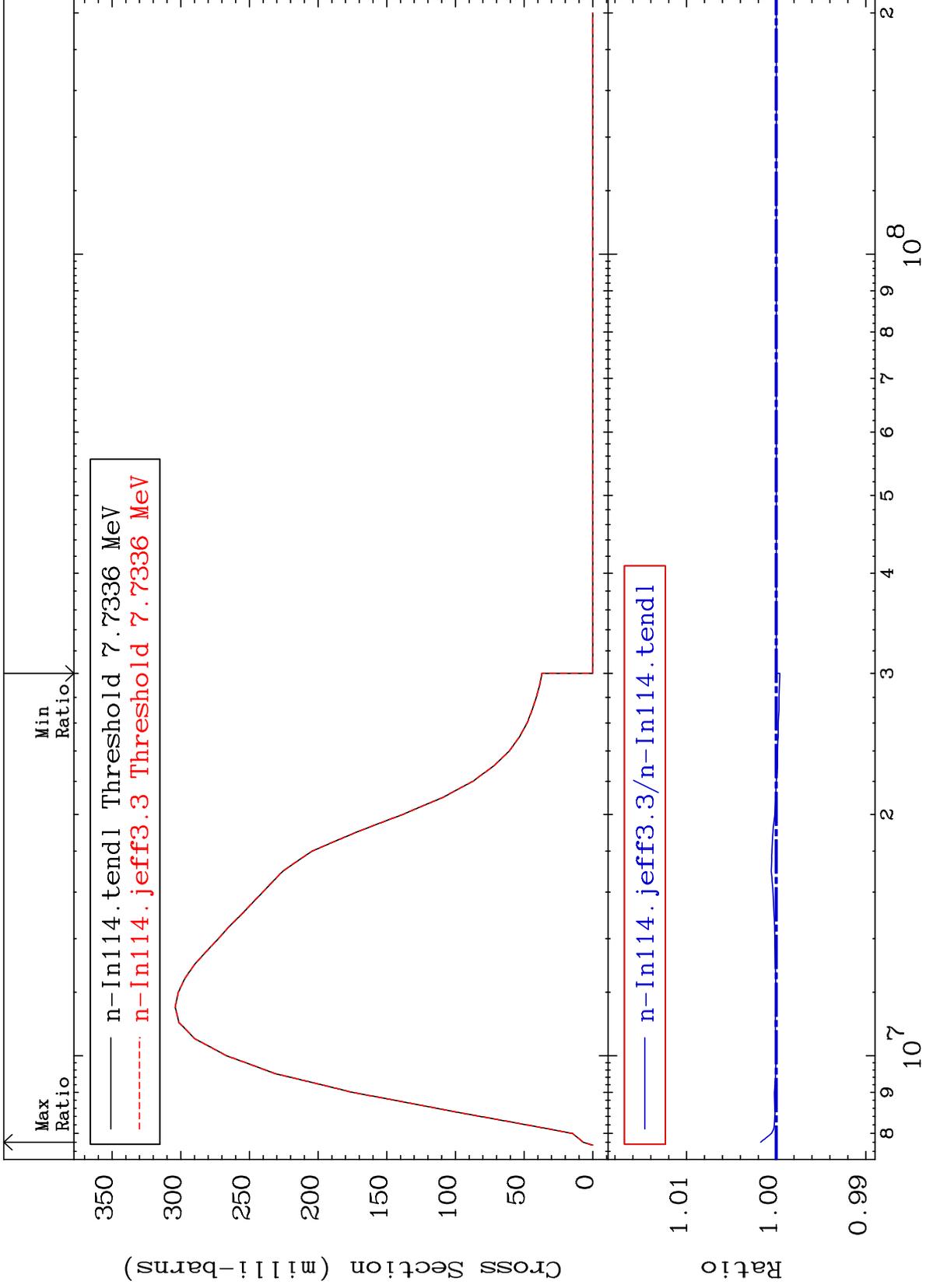
49-In-114

MAT 4928

(n,2n) : 49-In-113m1

49-In-114

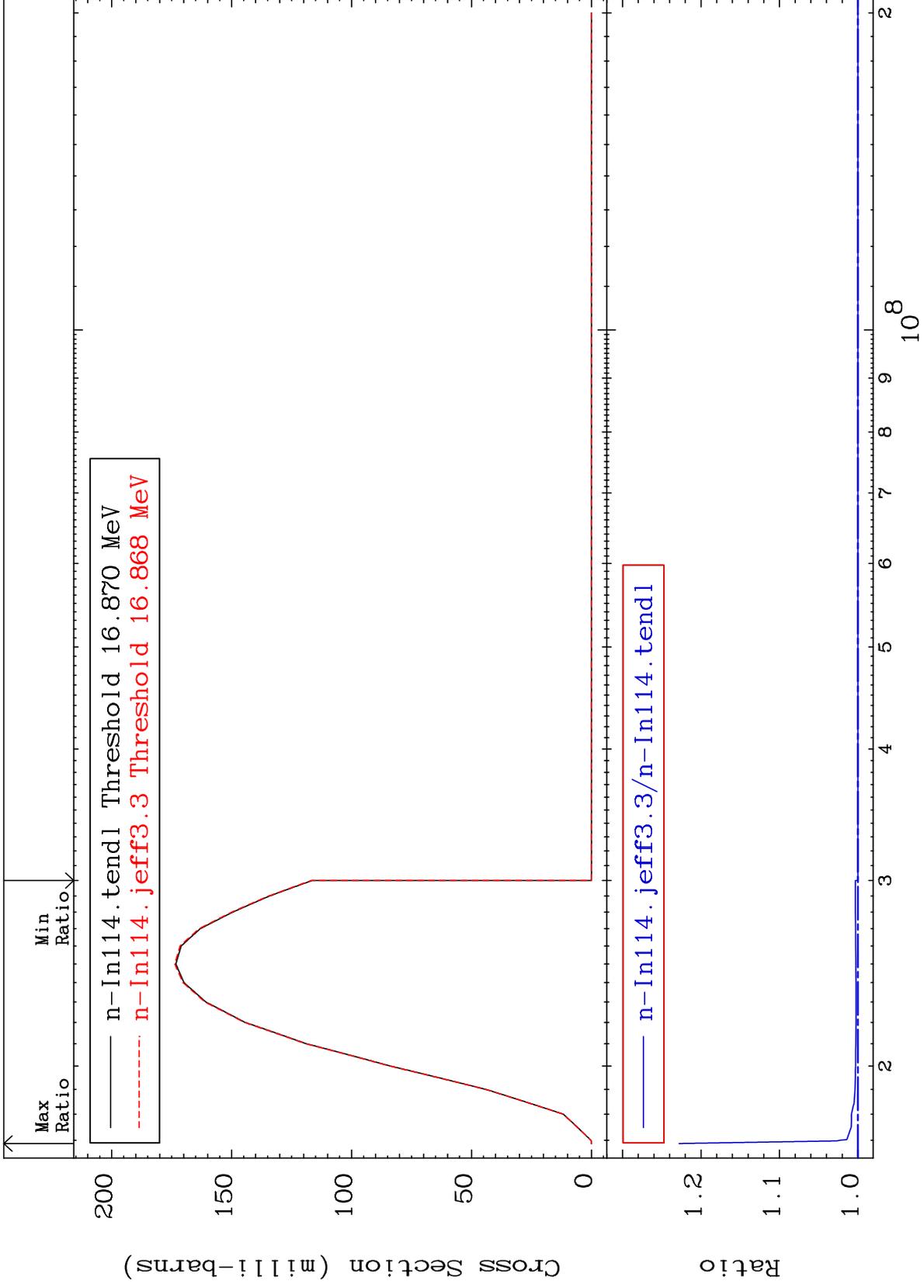
Radionuclide Production Cross Section -0.040 To 0.174 %



85

Incident Energy (eV)

49-In-114

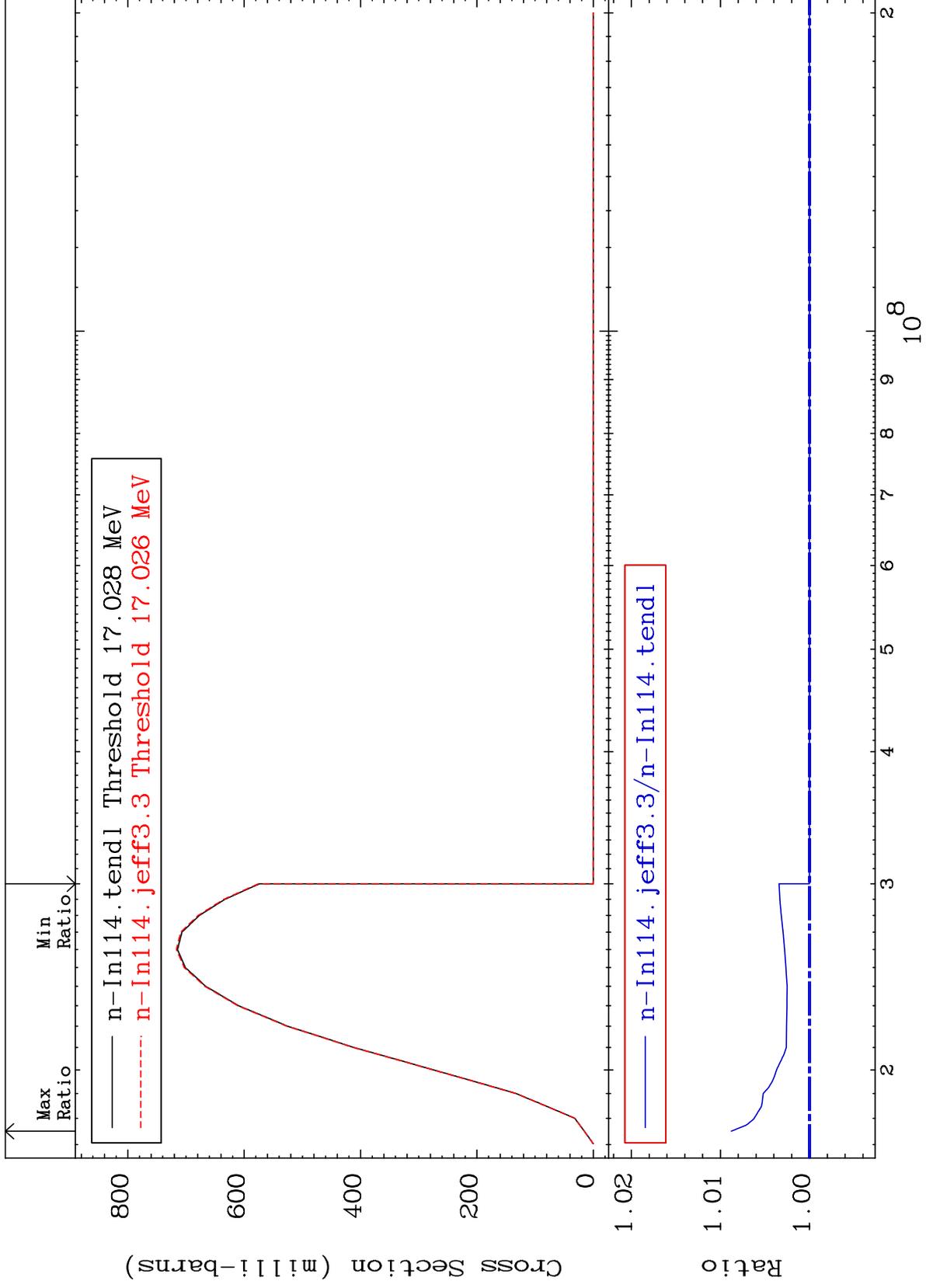


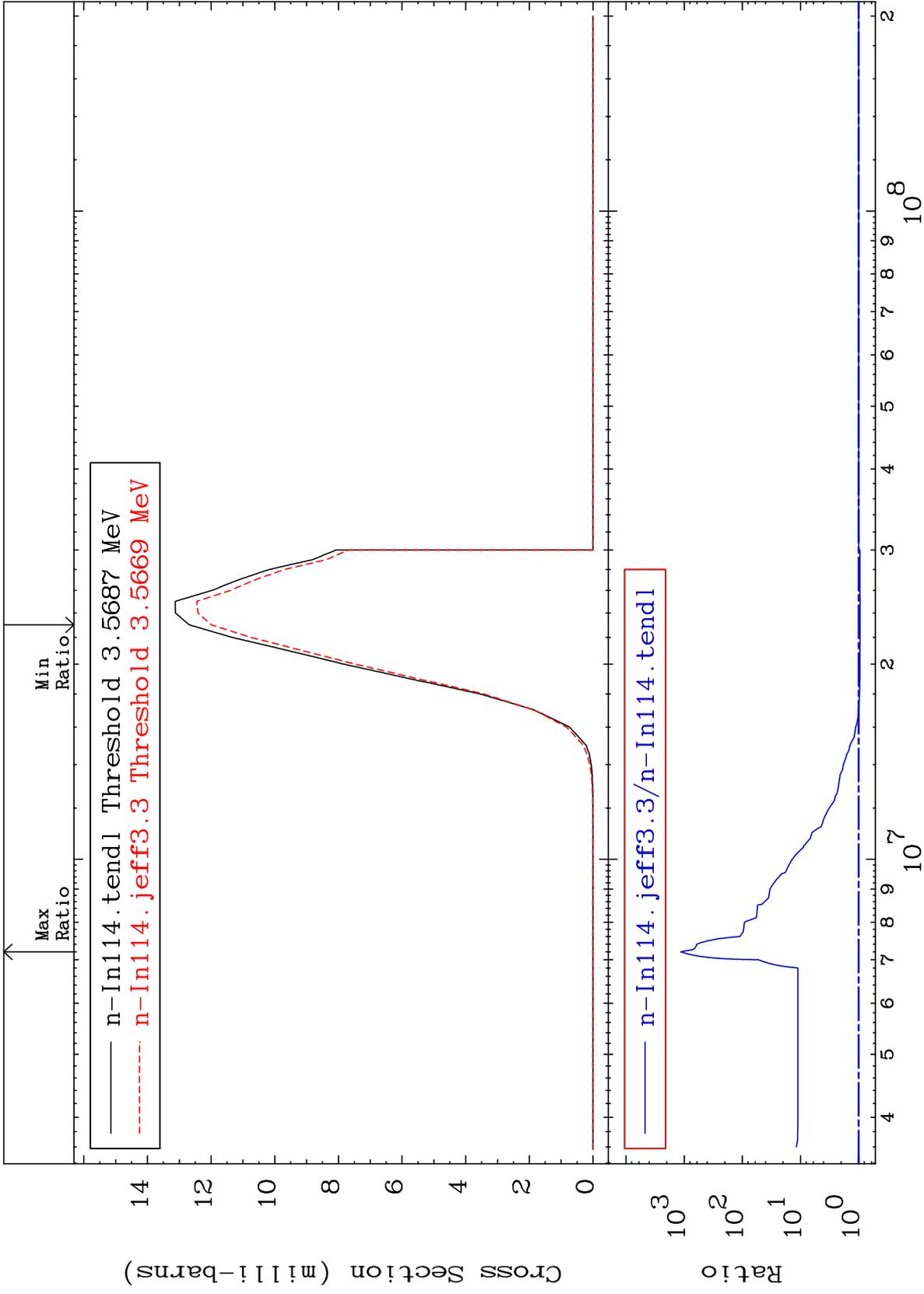
MAT 4928

(n,3n): 49-In-112m1

49-In-114

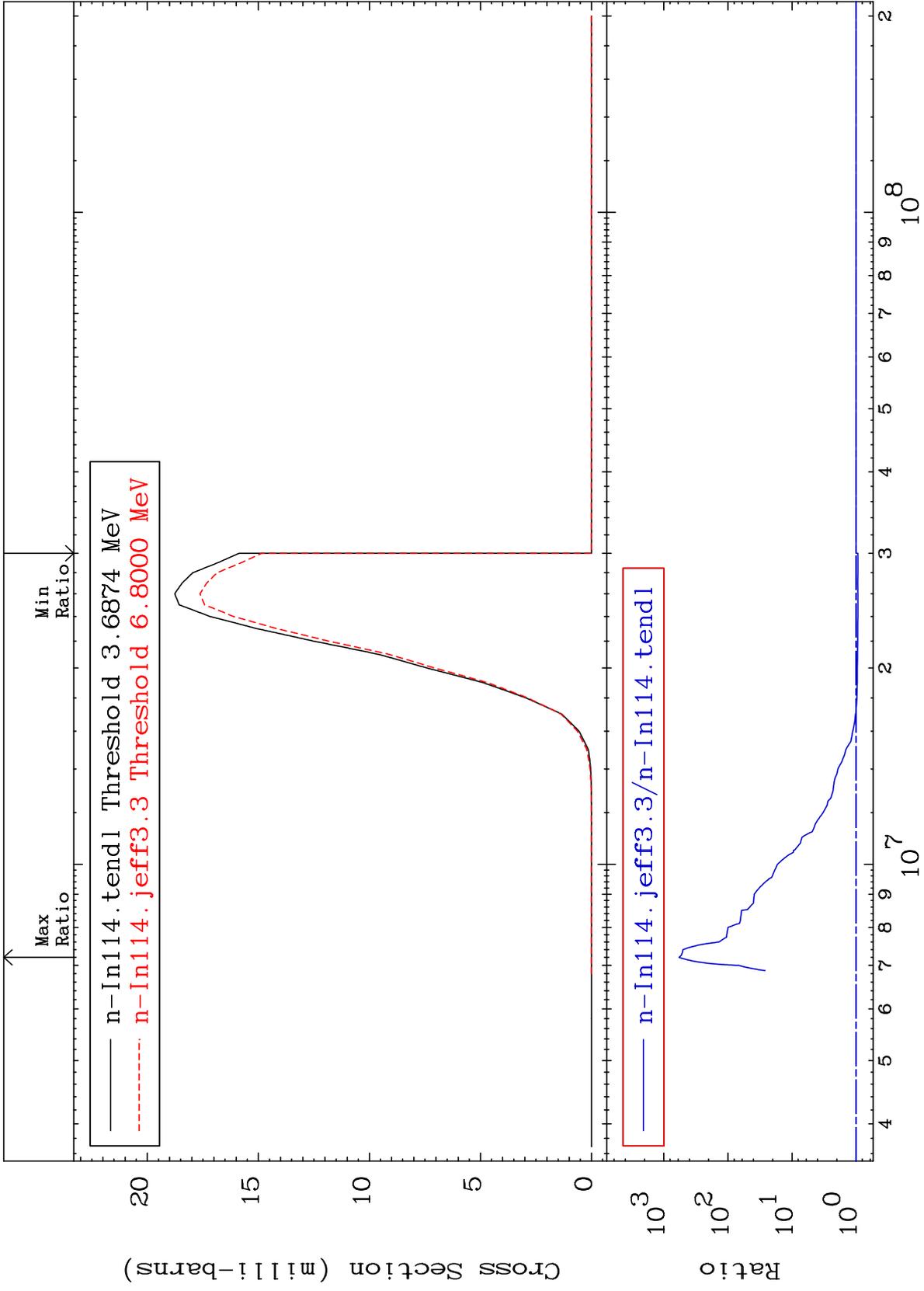
Radionuclide Production Cross Section 0.000 To 0.878 %

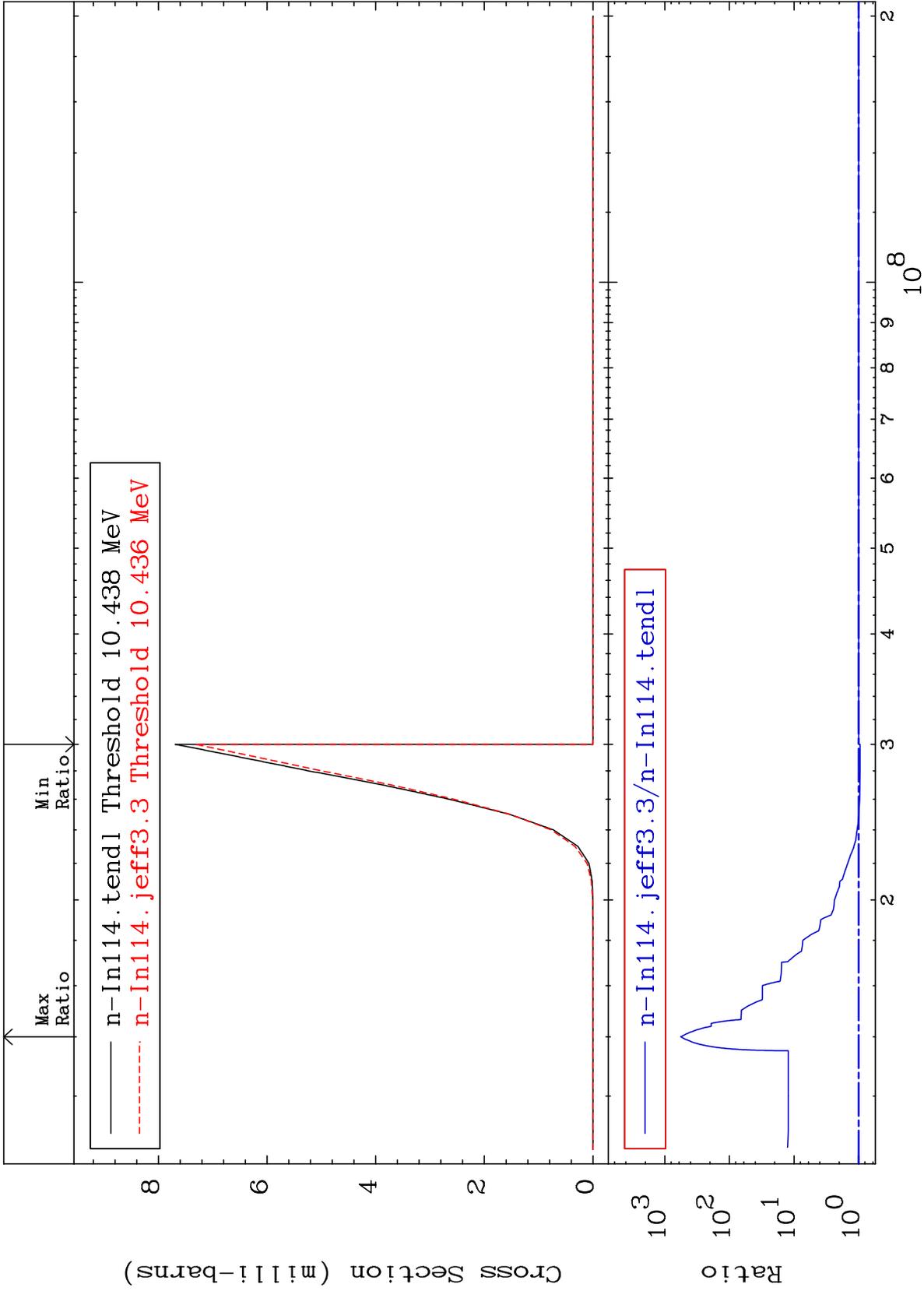




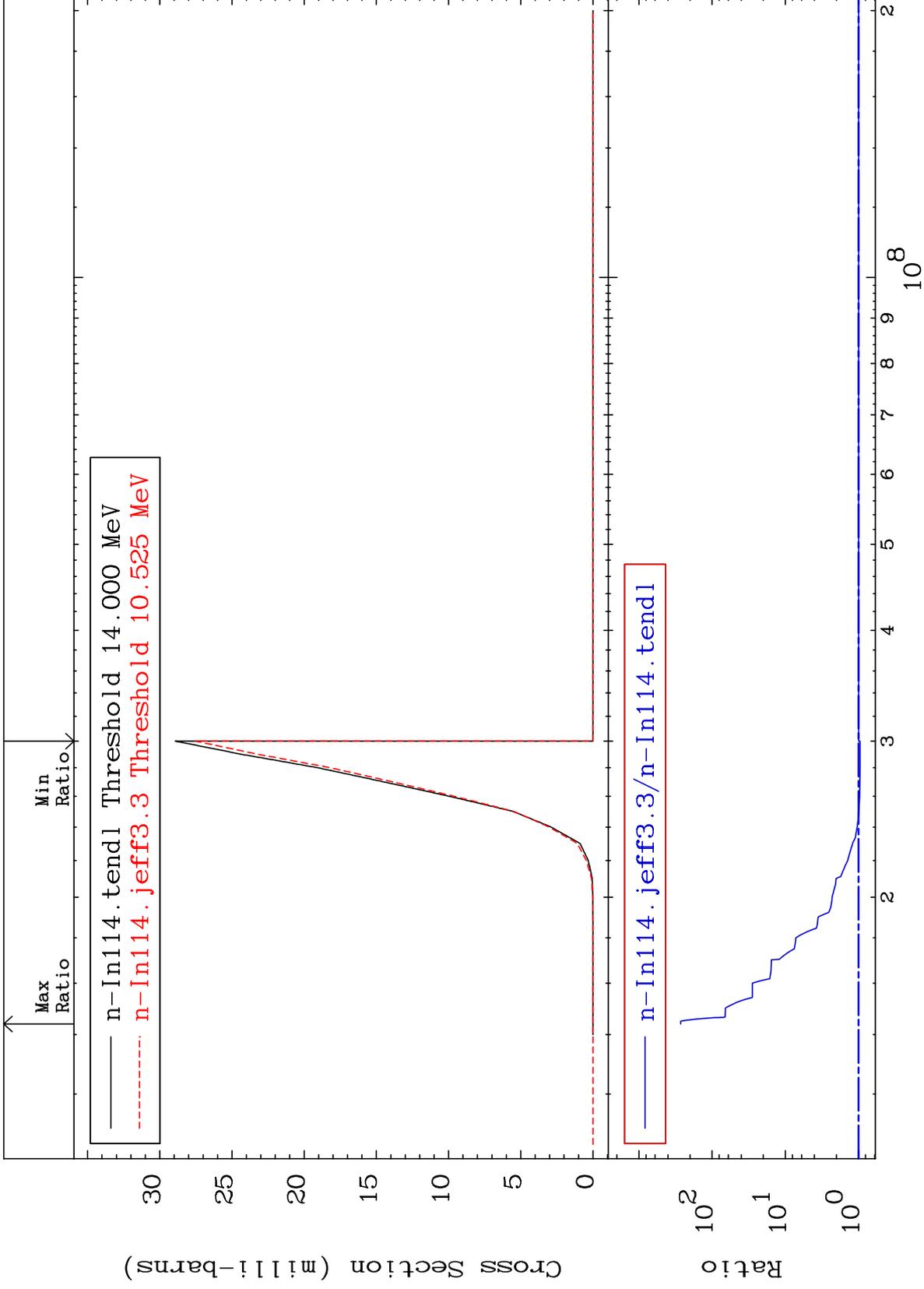
MAT 4928

(n, n') α : 47-Ag-110m2 49-In-114
Radionuclide Production Cross Section -6.418 To 9999. %





Radionuclide Production Cross Section -4.813 To 9999. %

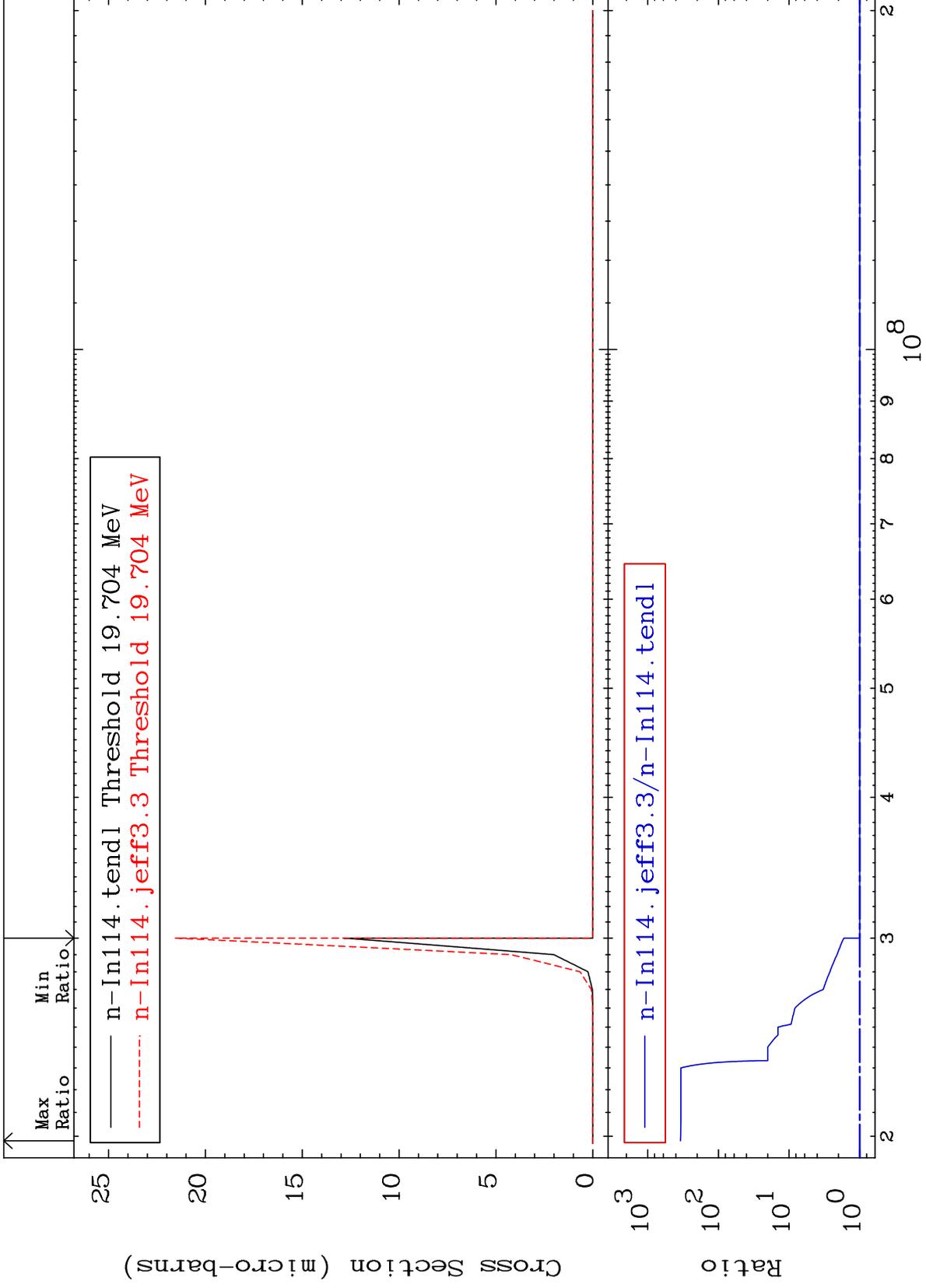


MAT 4928

(n,3n) α : 47-Ag-108g

Radionuclide Production Cross Section 0.000 To 9999. %

49-In-114

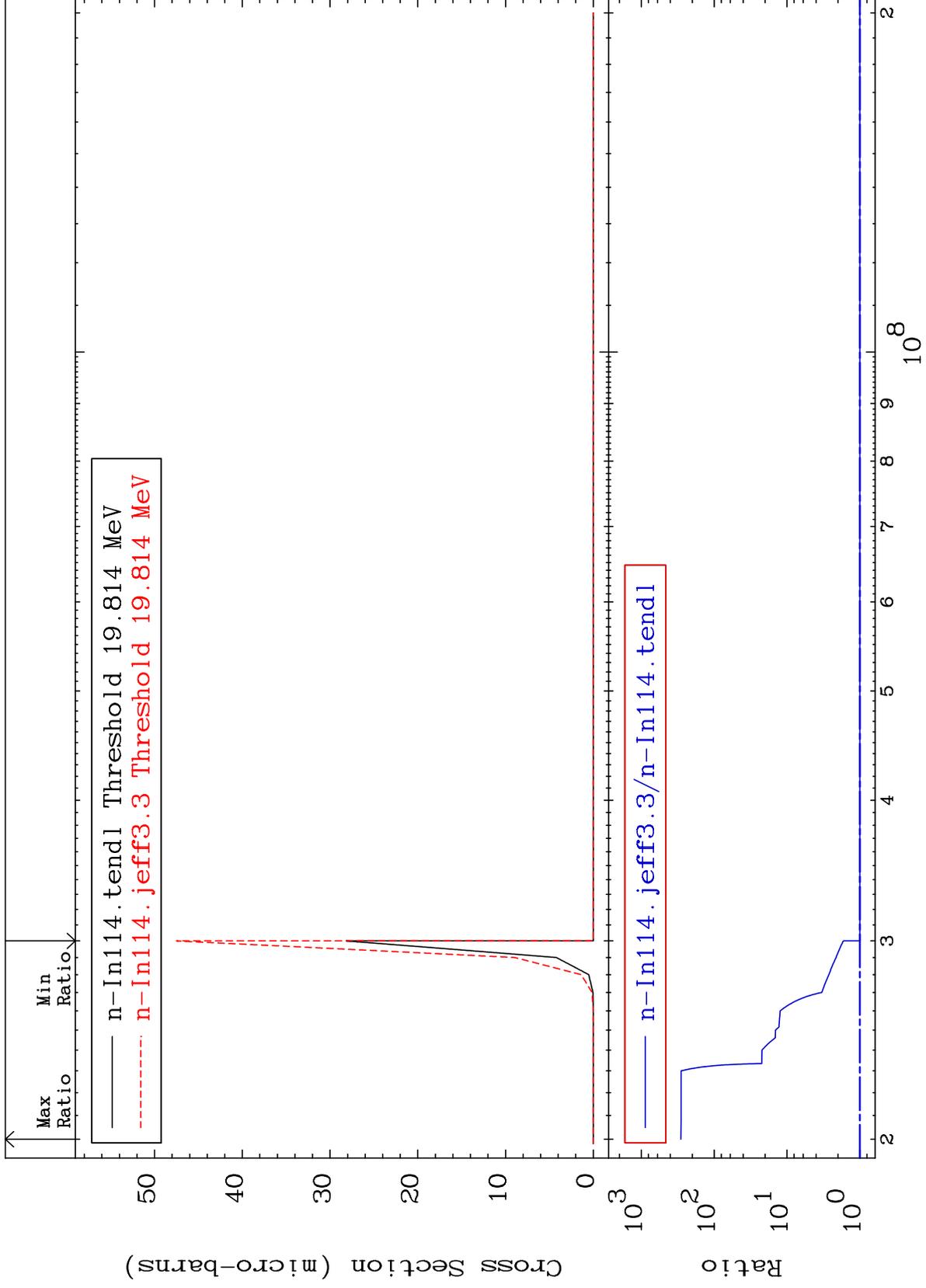


MAT 4928

(n,3n) α :47-Ag-108m2

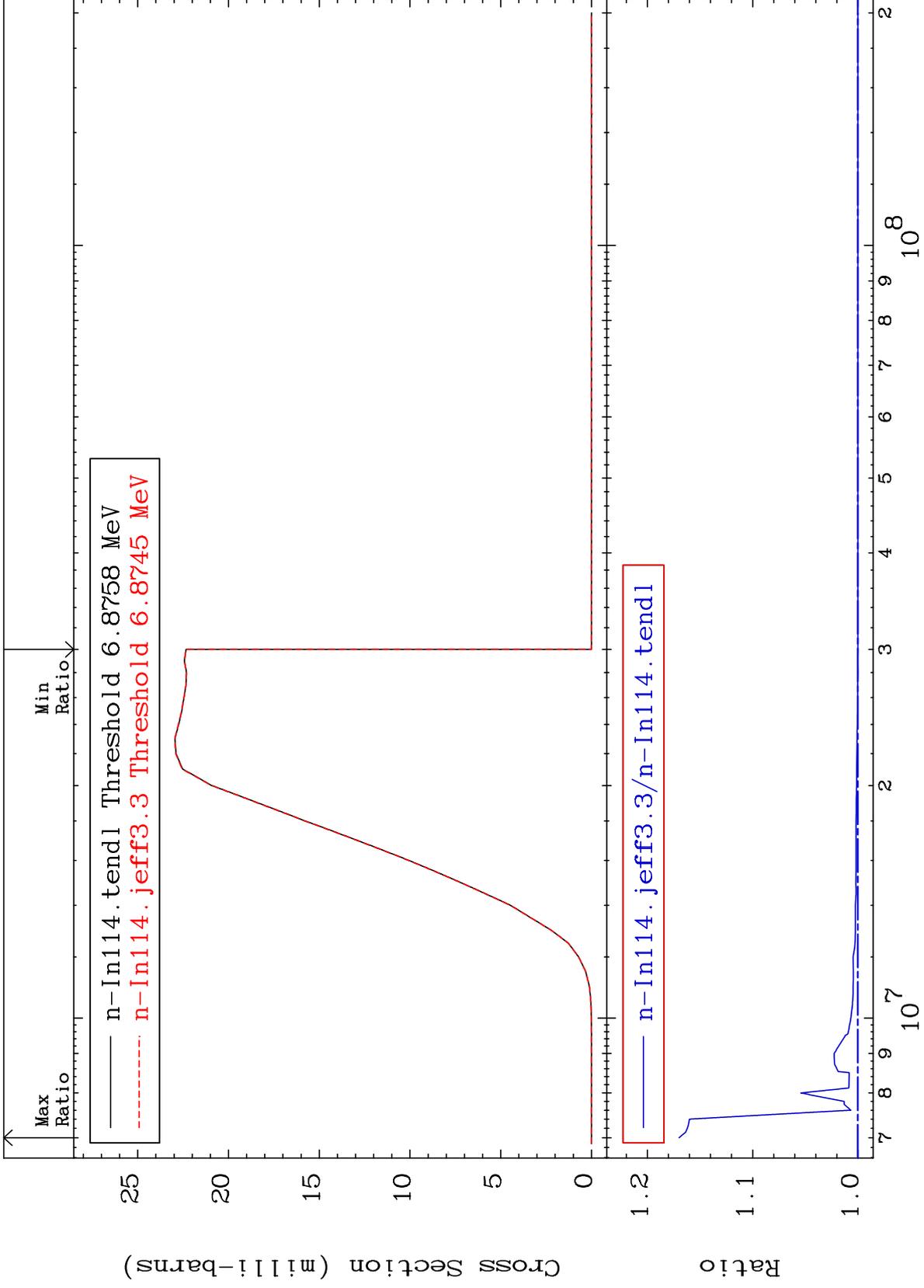
49-In-114

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 4928

(n,n') p:48-Cd-113g 49-In-114
Radionuclide Production Cross Section -0.002 To 16.99 %

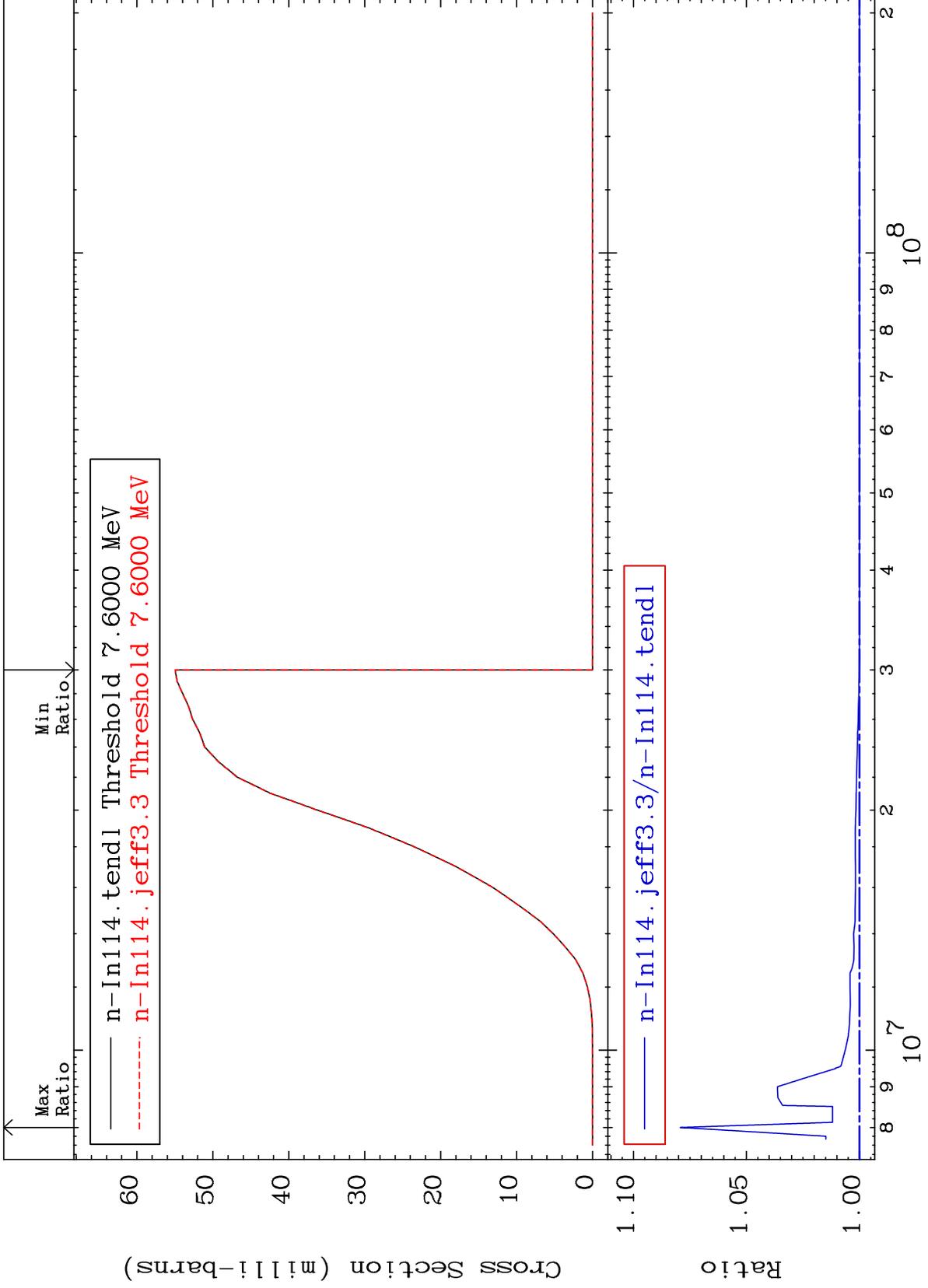


MAT 4928

(n,n') p:48-Cd-113m1

49-In-114

Radionuclide Production Cross Section 0.000 To 7.928 %

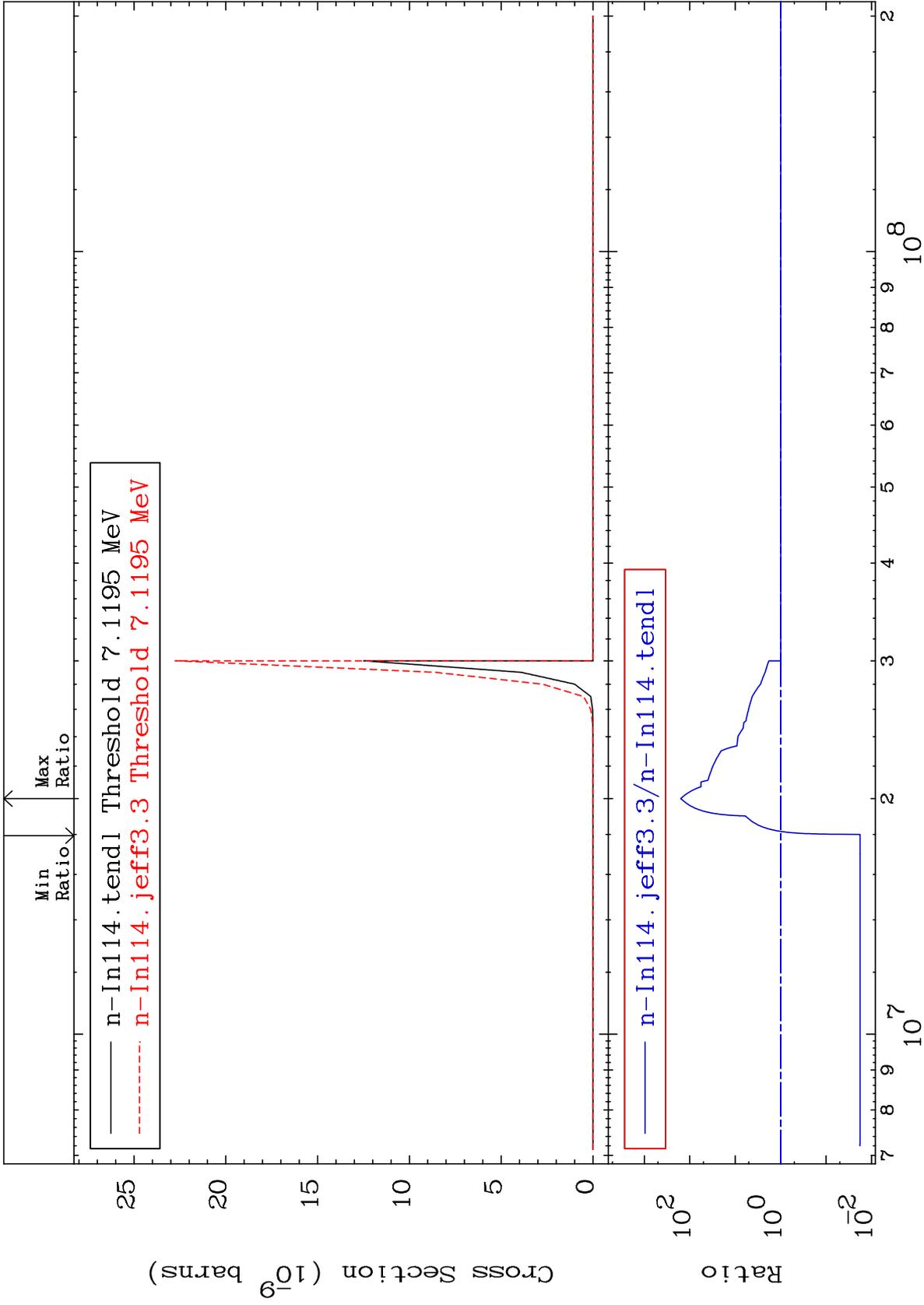


95

49-In-114

MAT 4928

(n, n') 2α:45-Rh-106g 49-In-114
Radionuclide Production Cross Section -98.21 To 9999. %



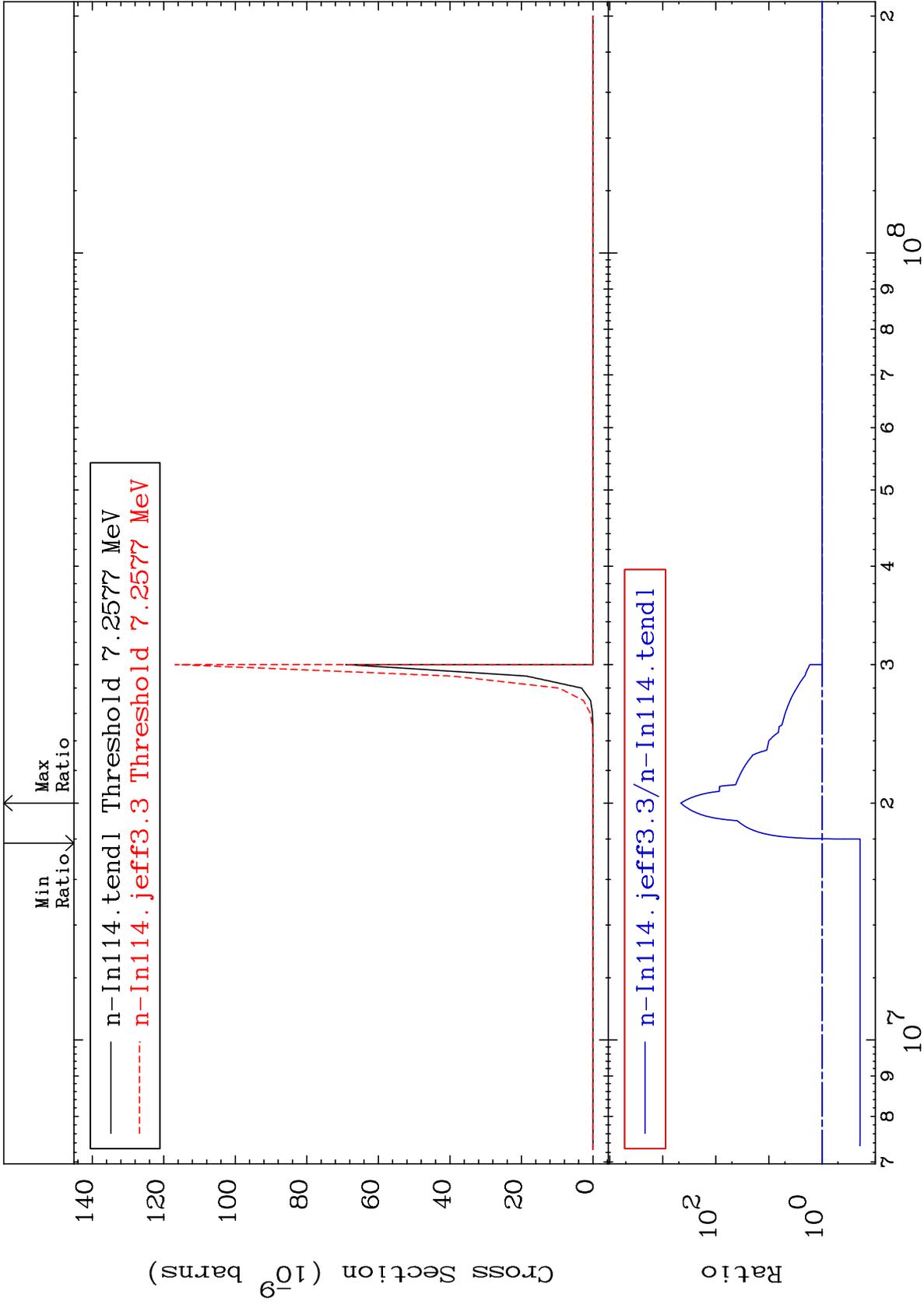
96

49-In-114

49-In-114

MAT 4928

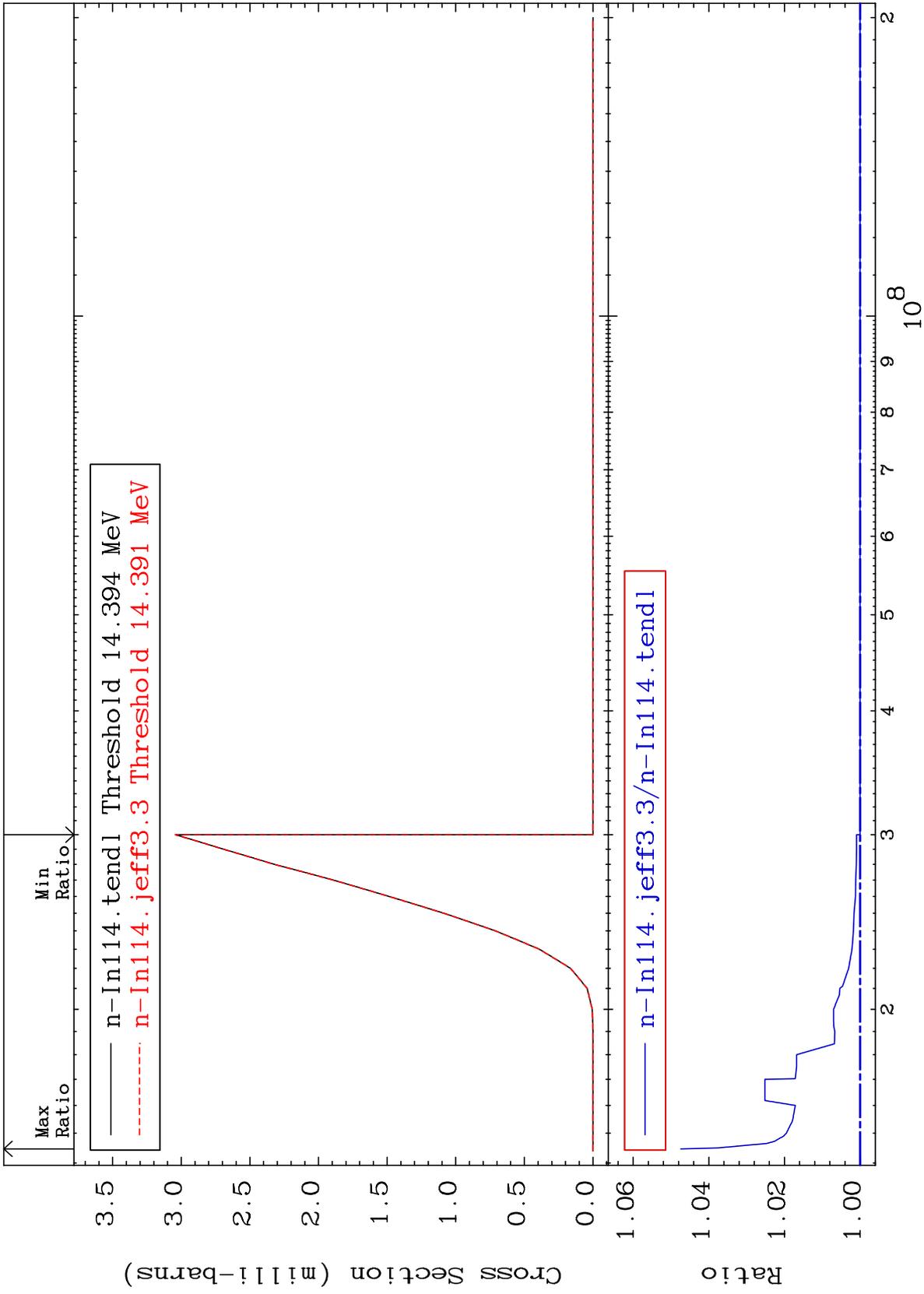
(n, n') 2α: 45-Rh-106m1 49-In-114
Radionuclide Production Cross Section -80.86 To 9999. %



49-In-114

Incident Energy (eV)

97

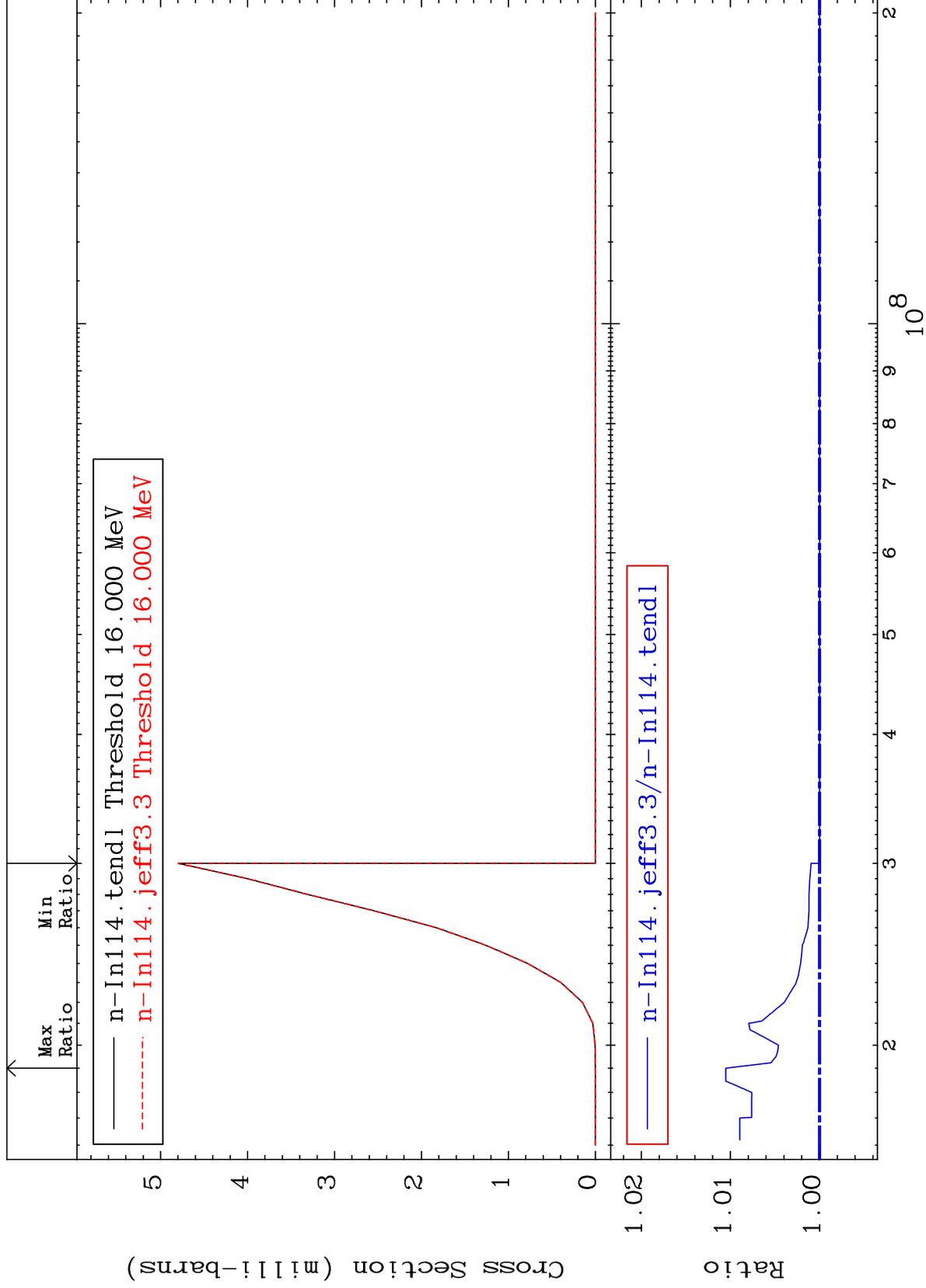


MAT 4928

(n,n') t:48-Cd-111m3

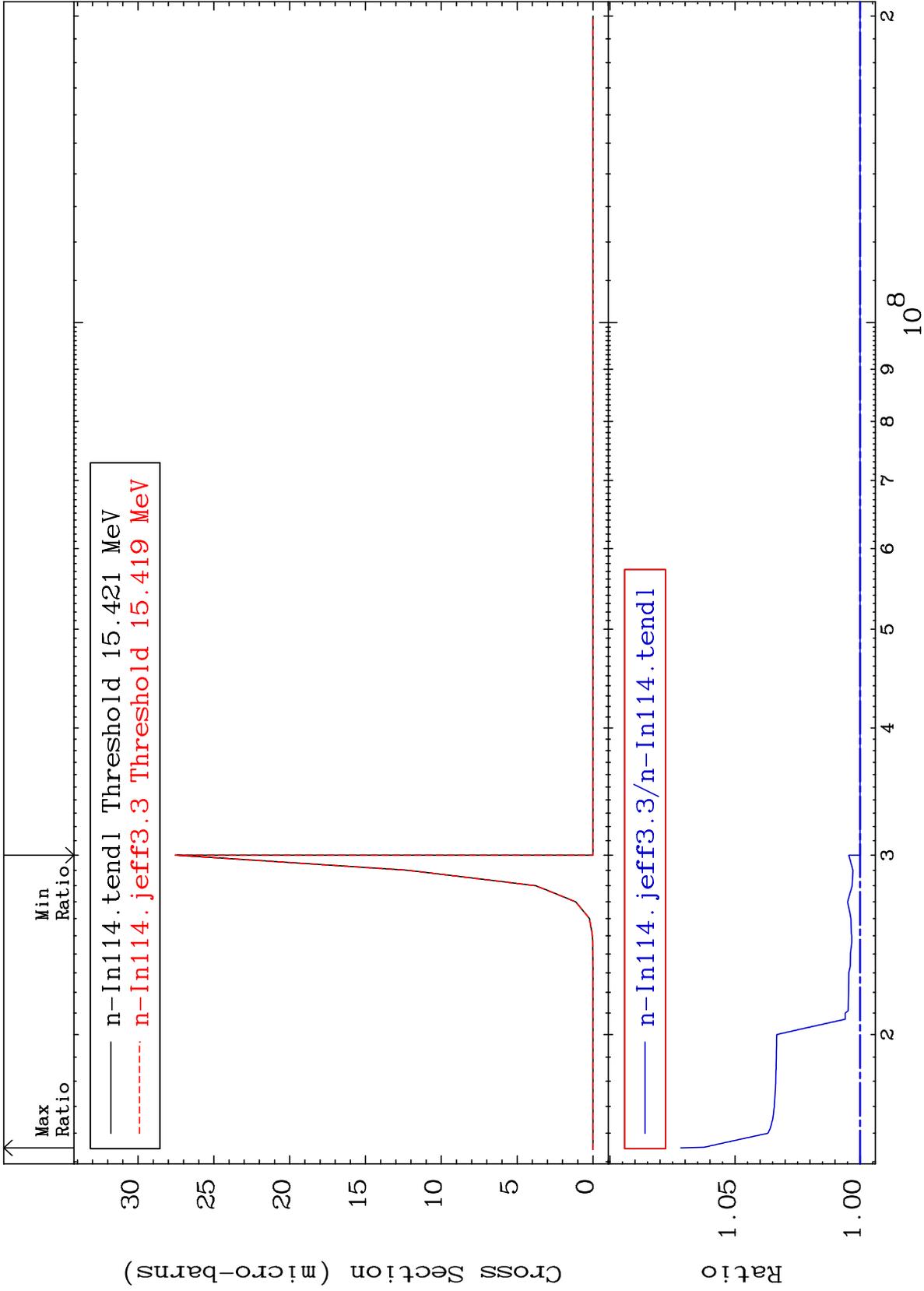
49-In-114

Radionuclide Production Cross Section 0.000 To 1.054 %



MAT 4928

(n, n') He-3:47-Ag-111g 49-In-114
Radionuclide Production Cross Section 0.000 To 7.171 %



100

Incident Energy (eV)

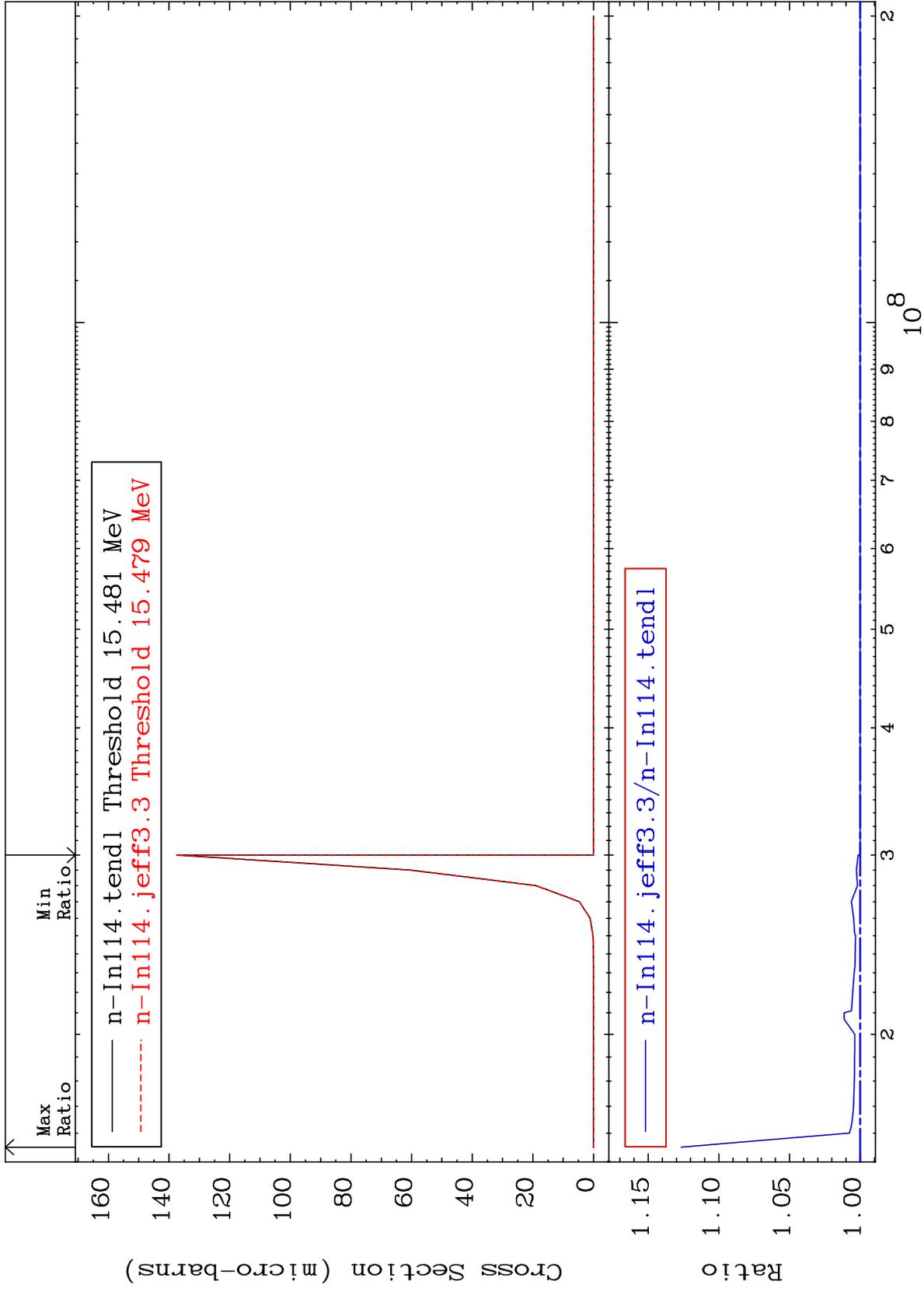
49-In-114

MAT 4928

(n, n') He-3:47-Ag-111m1

49-In-114

Radionuclide Production Cross Section 0.000 To 12.67 %



101

Incident Energy (eV)

49-In-114

MAT 4928

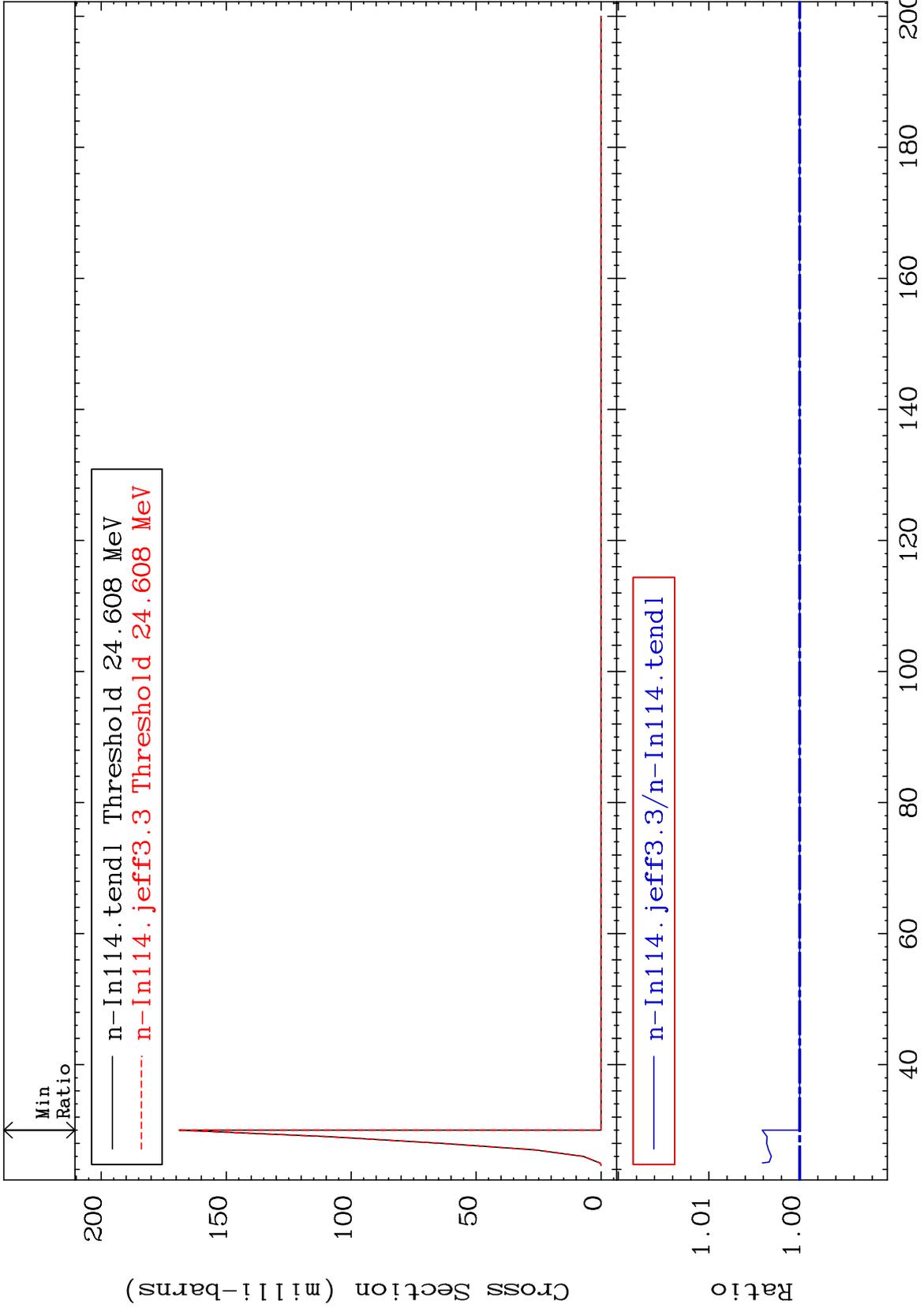
(n,4n):49-In-111g

49-In-114

Radionuclide Production Cross Section

0.000

To 0.412 %



102

49-In-114

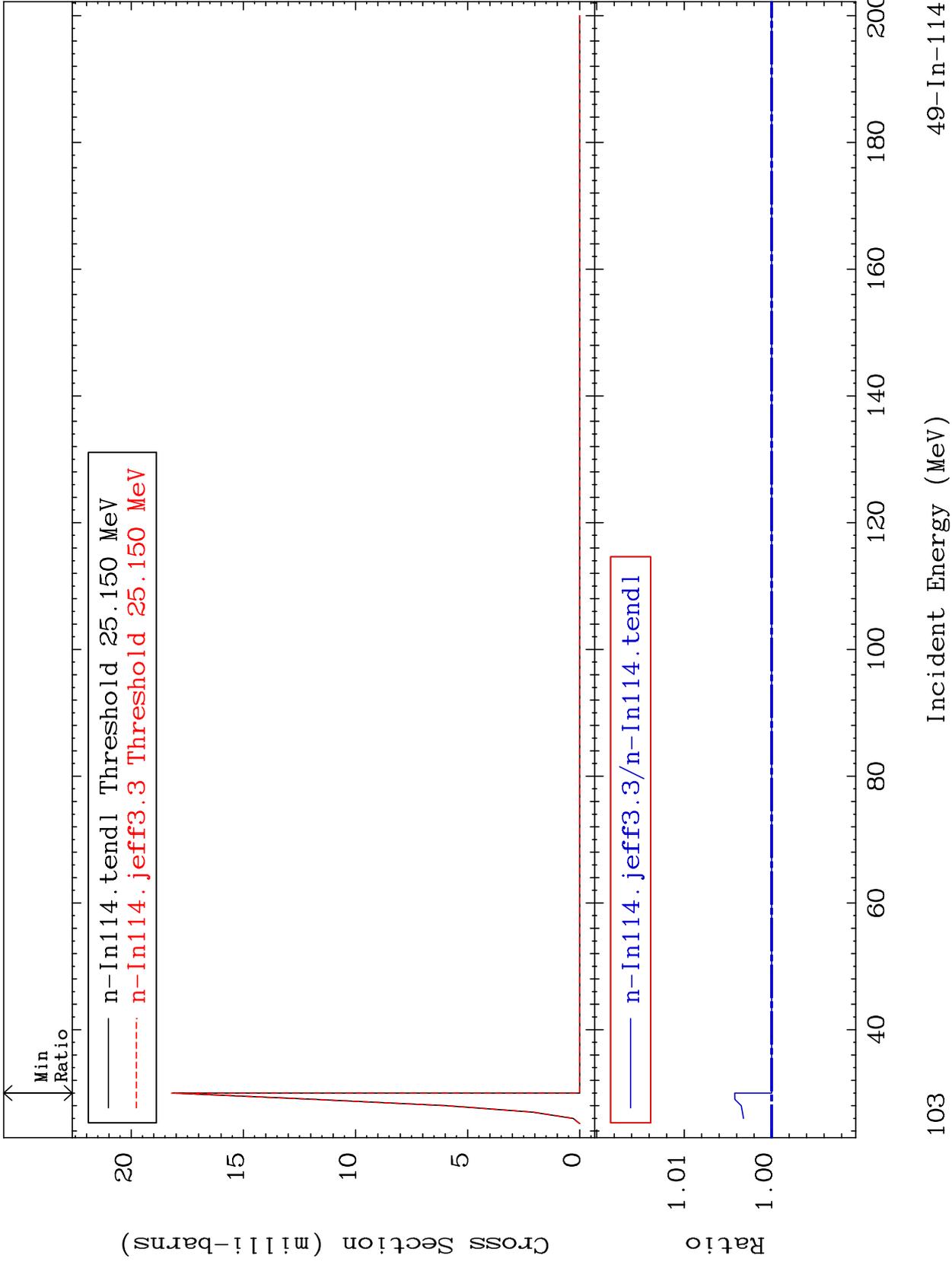
49-In-114

MAT 4928

(n, 4n) : 49-In-111m1

49-In-114

Radionuclide Production Cross Section 0.000 To 0.422 %



103

Incident Energy (MeV)

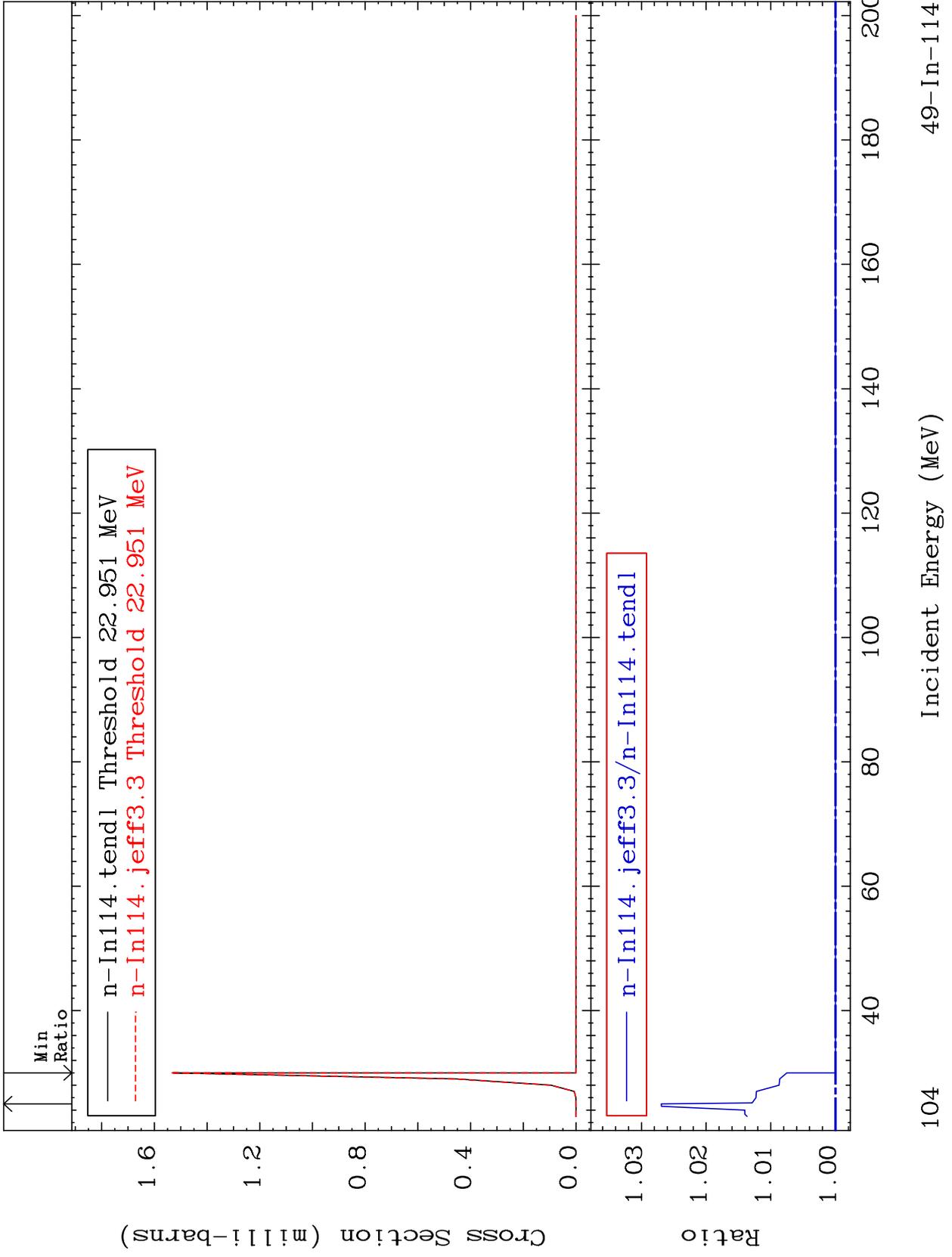
49-In-114

MAT 4928

(n,3n) p:48-Cd-111g

49-In-114
To 2.694 %

Radionuclide Production Cross Section 0.000



104

Incident Energy (MeV)

49-In-114

MAT 4928

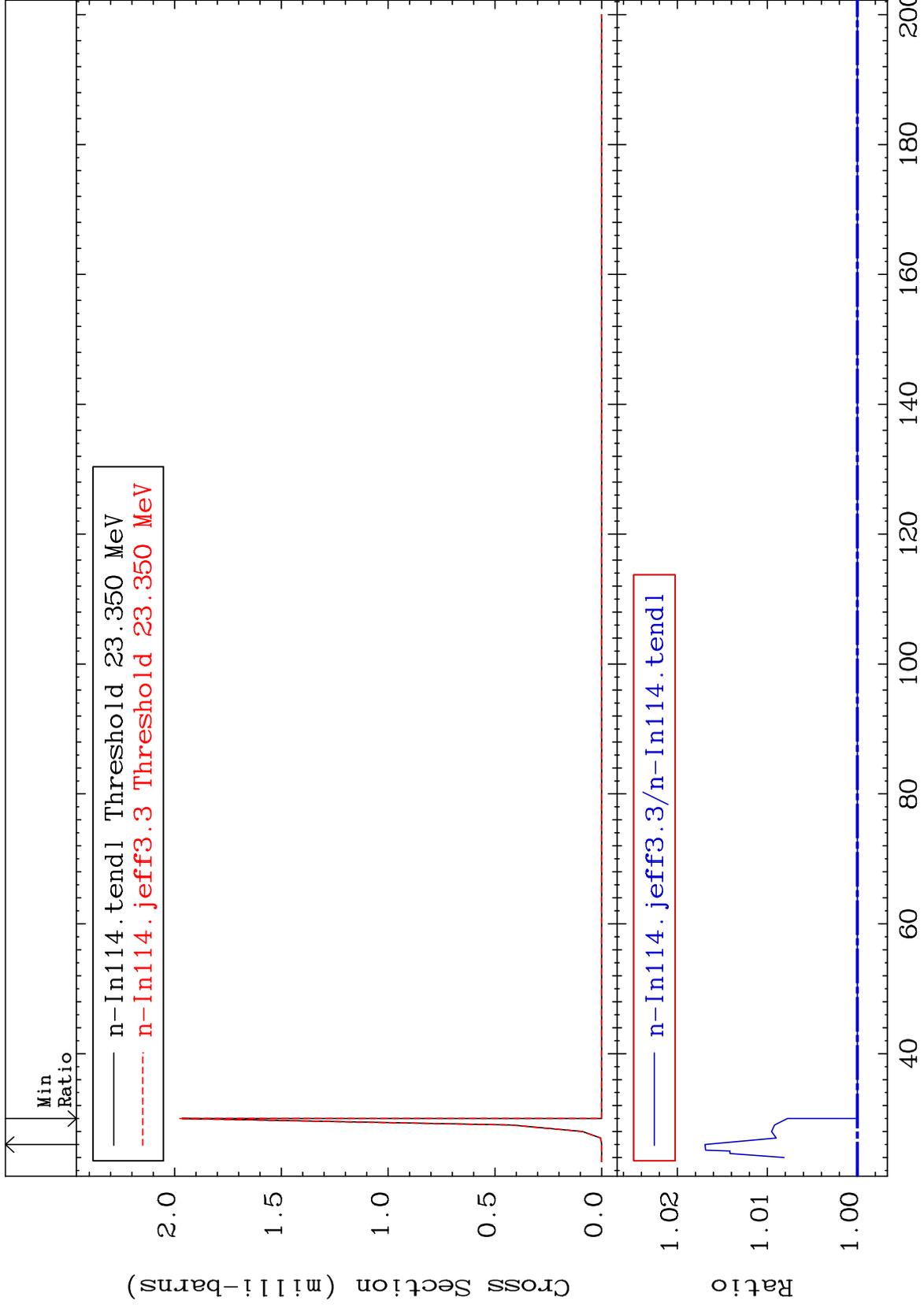
(n,3n) p:48-Cd-111m3

49-In-114

Radionuclide Production Cross Section

0.000

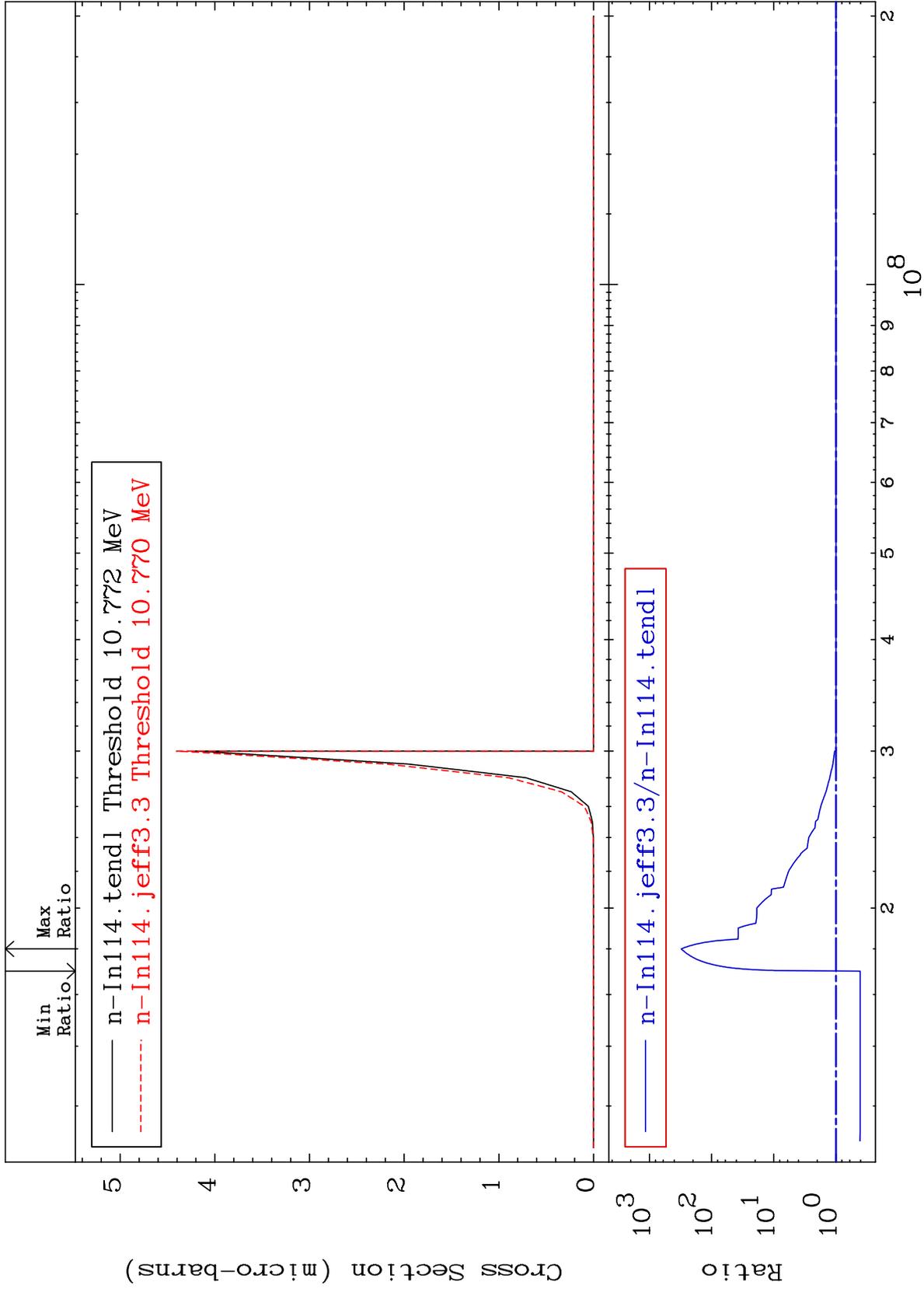
To 1.693 %



105

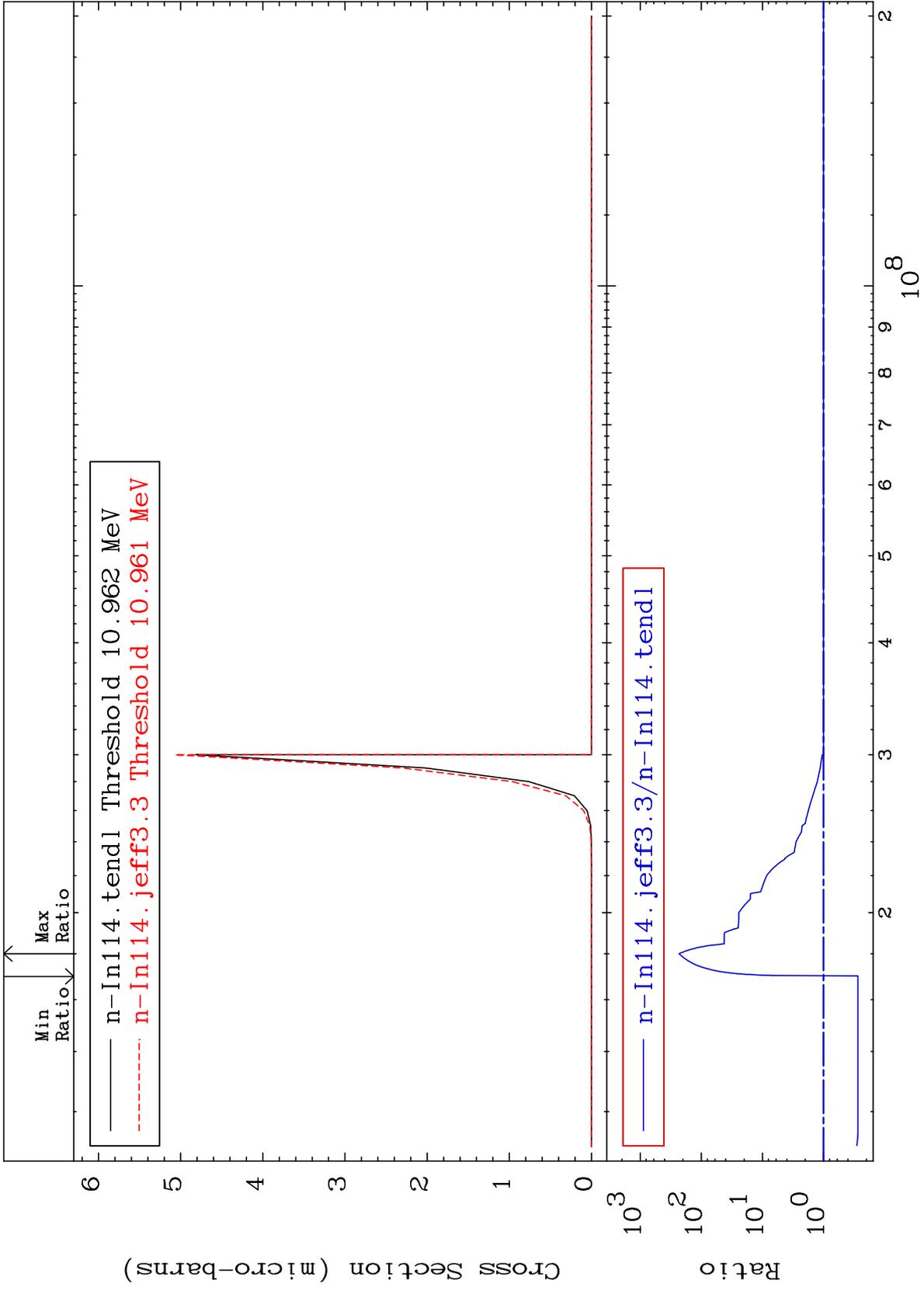
Incident Energy (MeV)

49-In-114



MAT 4928

(n, n') p α :46-Pd-109m2 49-In-114
Radionuclide Production Cross Section -72.52 To 9999. %



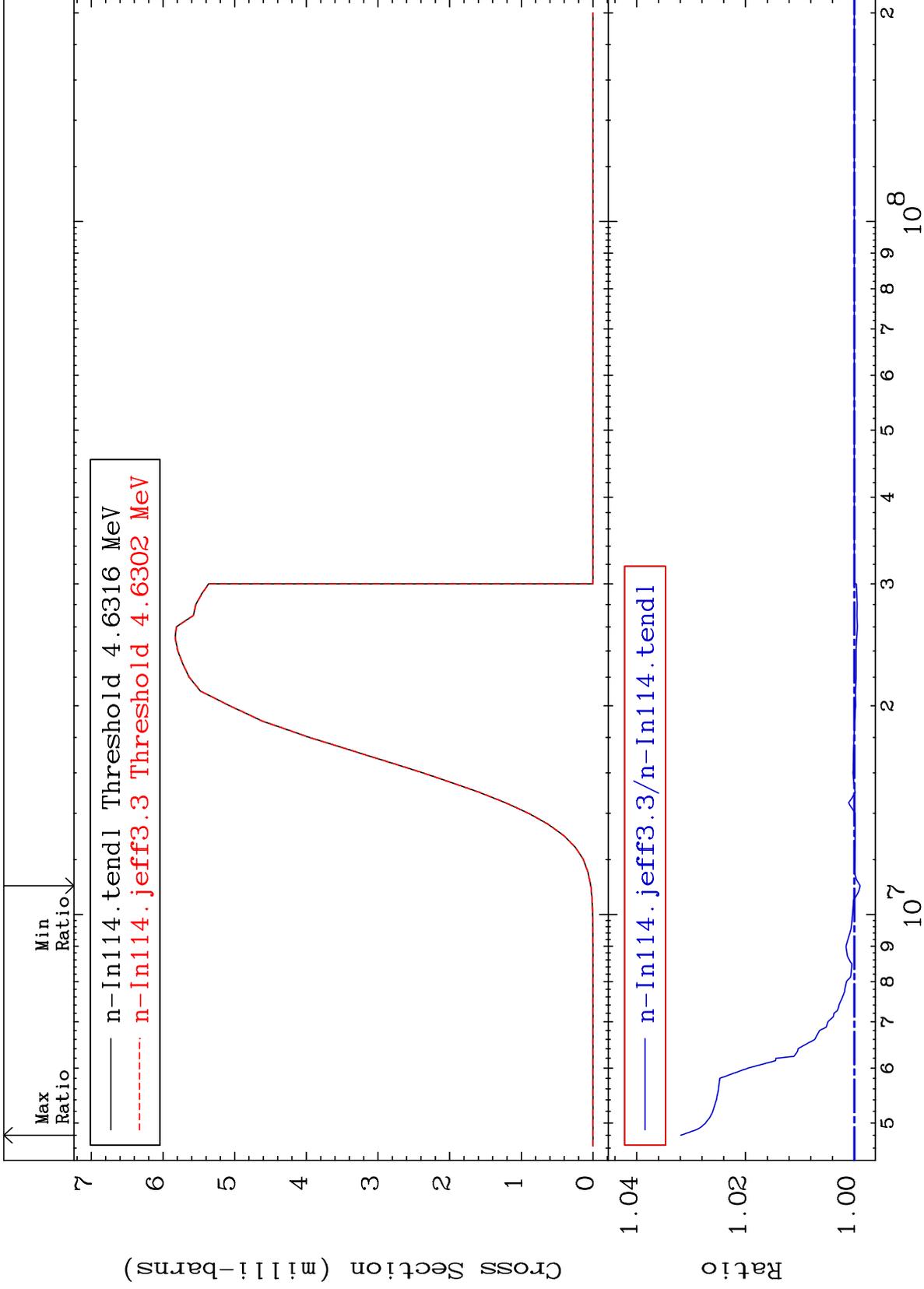
107

MAT 4928

(n, d) : 48-Cd-113g

49-In-114

Radionuclide Production Cross Section -0.106 To 3.190 %



108

Incident Energy (eV)

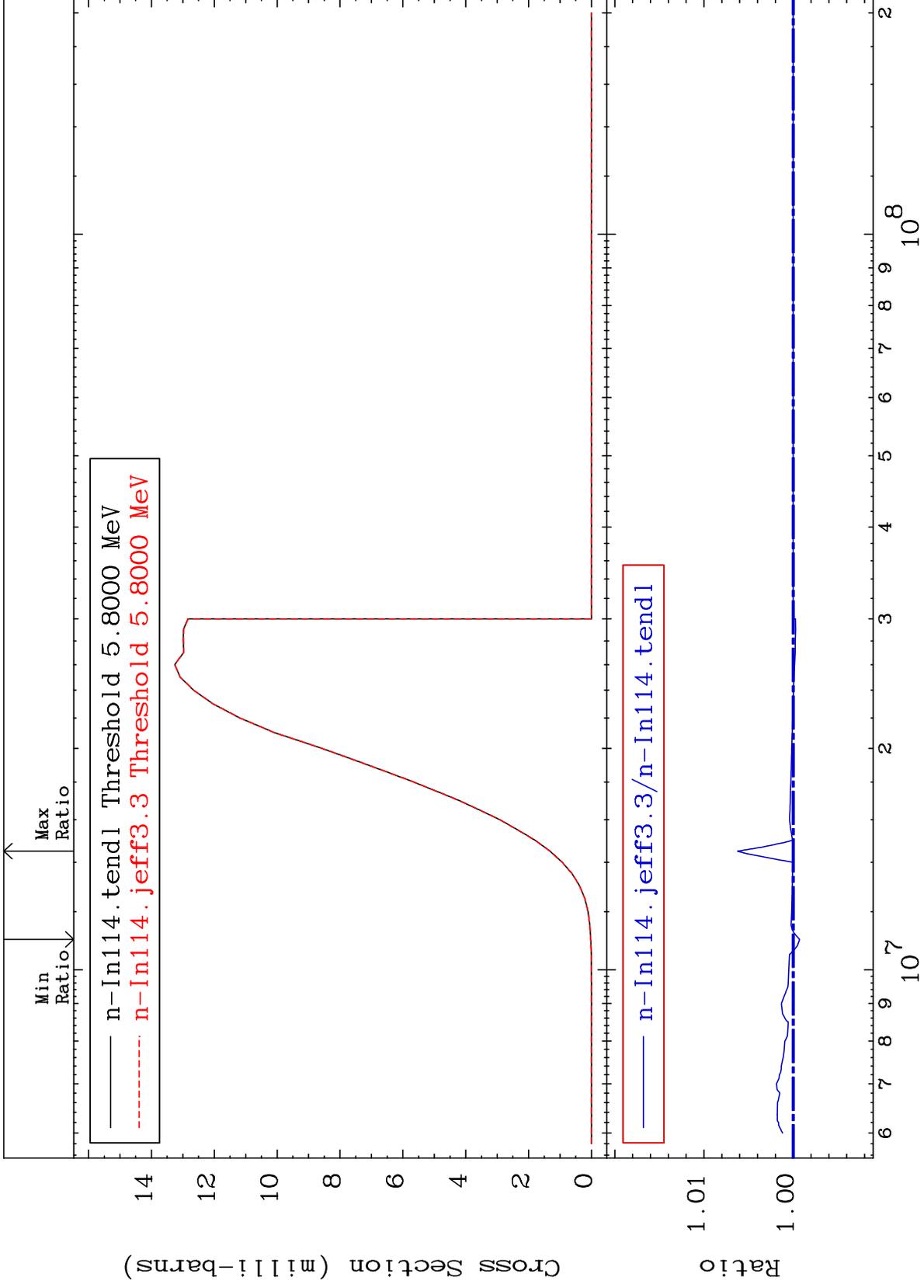
49-In-114

MAT 4928

(n, d) : 48-Cd-113m1

49-In-114

Radionuclide Production Cross Section -0.071 To 0.625 %



109

Incident Energy (eV)

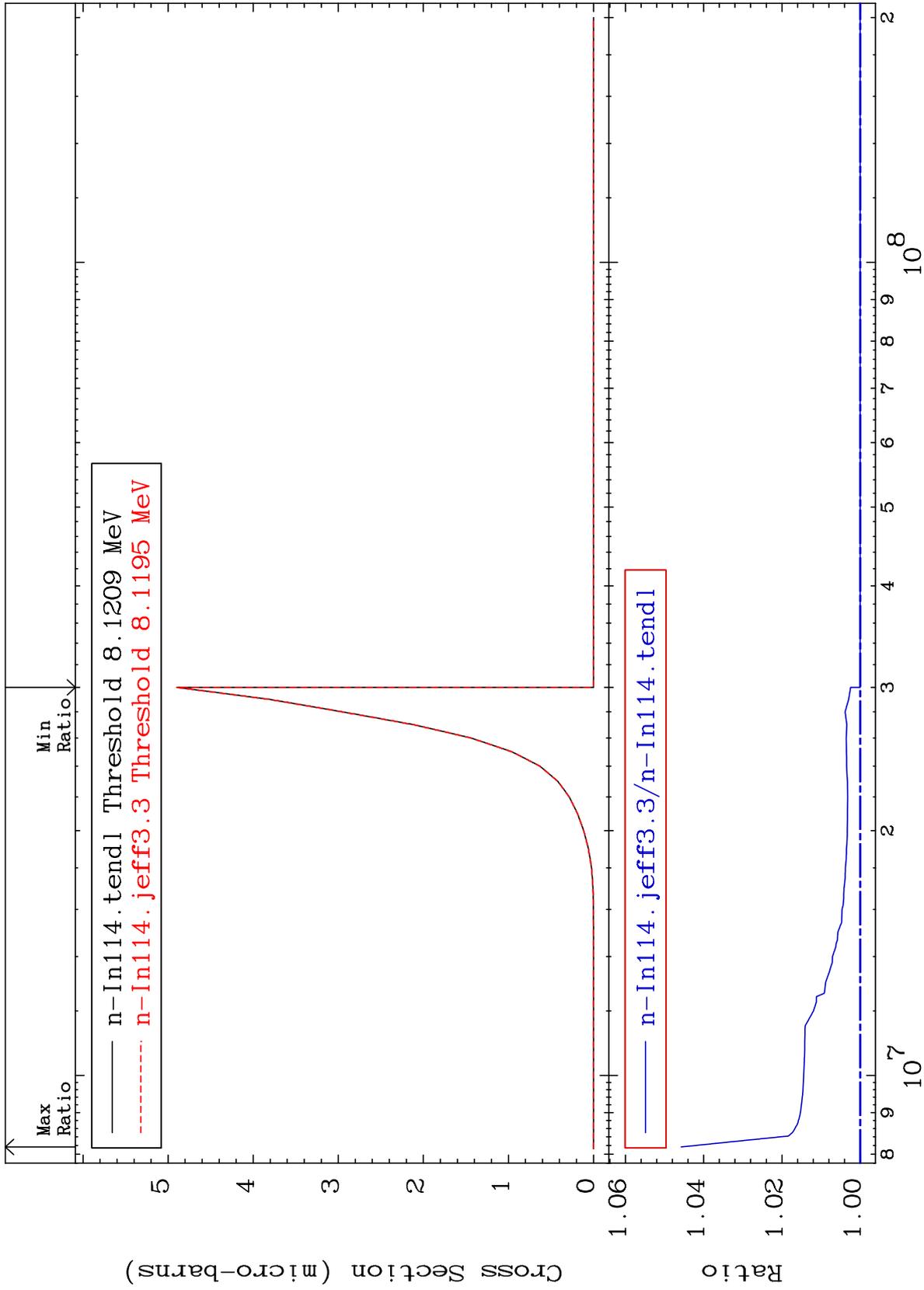
49-In-114

MAT 4928

49-In-114

(n,2p):47-Ag-113g

Radionuclide Production Cross Section 0.000 To 4.575 %



49-In-114

Incident Energy (eV)

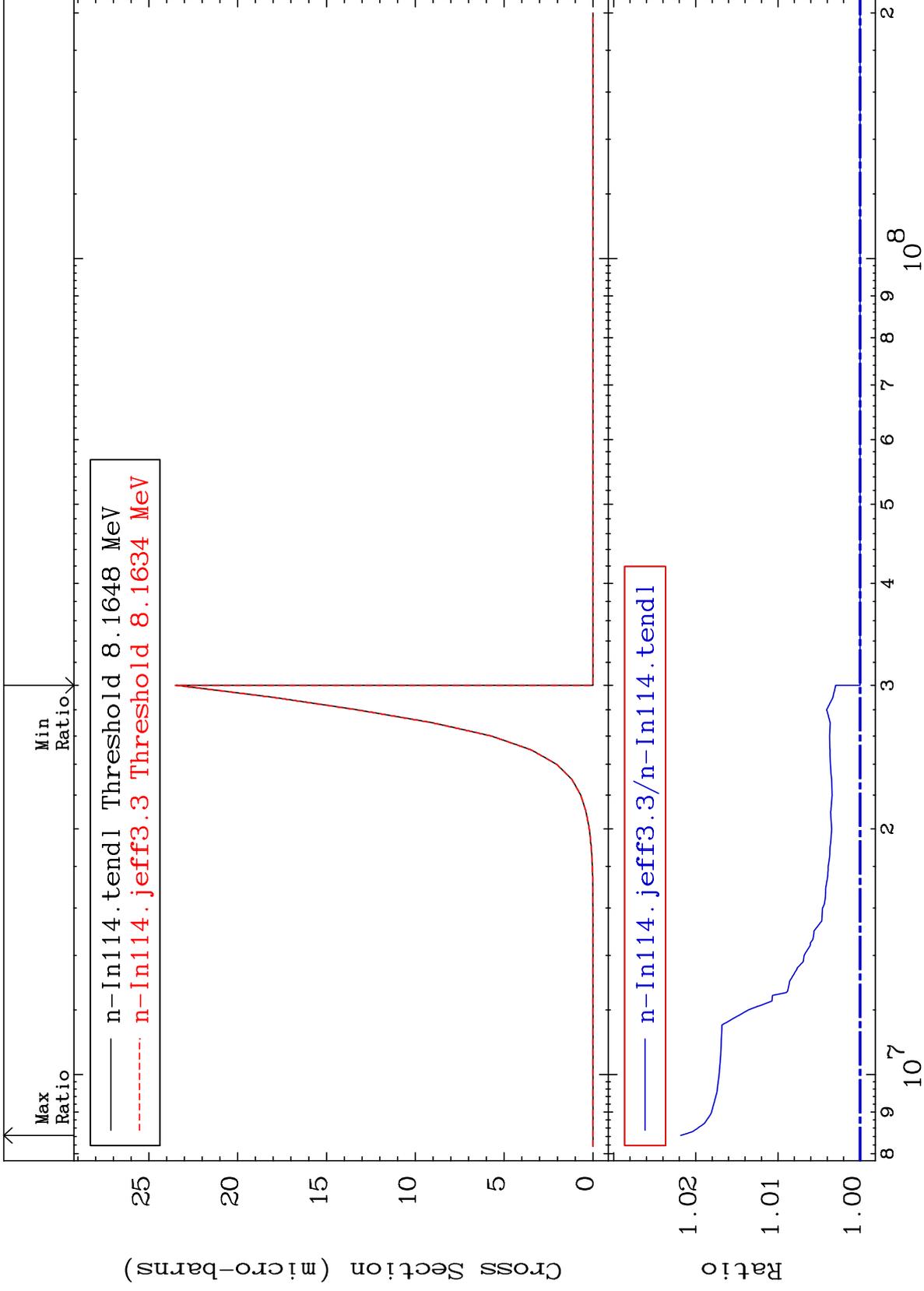
110

MAT 4928

(n,2p) : 47-Ag-113m1

49-In-114

Radionuclide Production Cross Section 0.000 To 2.183 %



111

Incident Energy (eV)

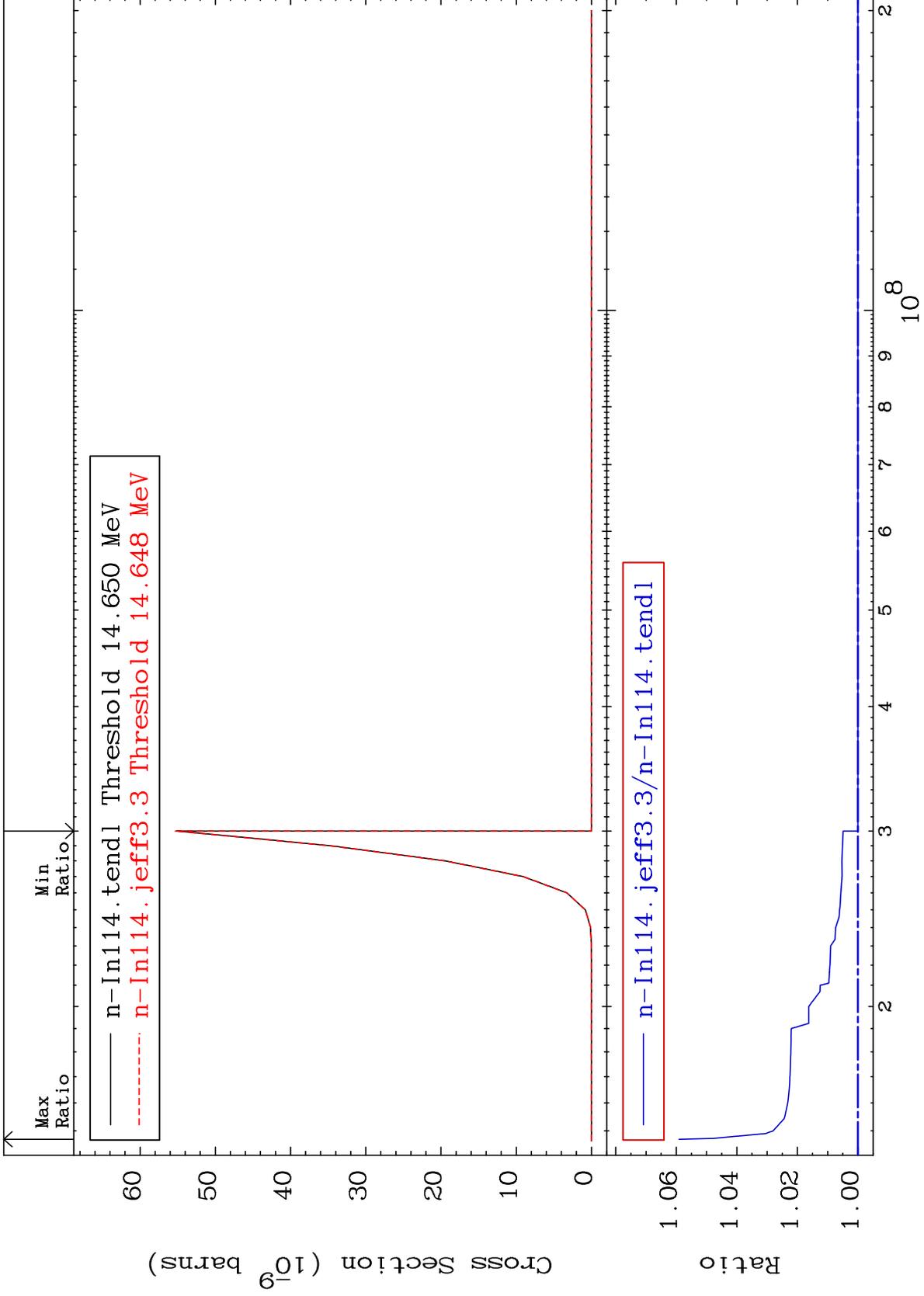
49-In-114

MAT 4928

(n,p) t:47-Ag-111g

49-In-114
To 5.910 %

Radionuclide Production Cross Section 0.000



112

Incident Energy (eV)

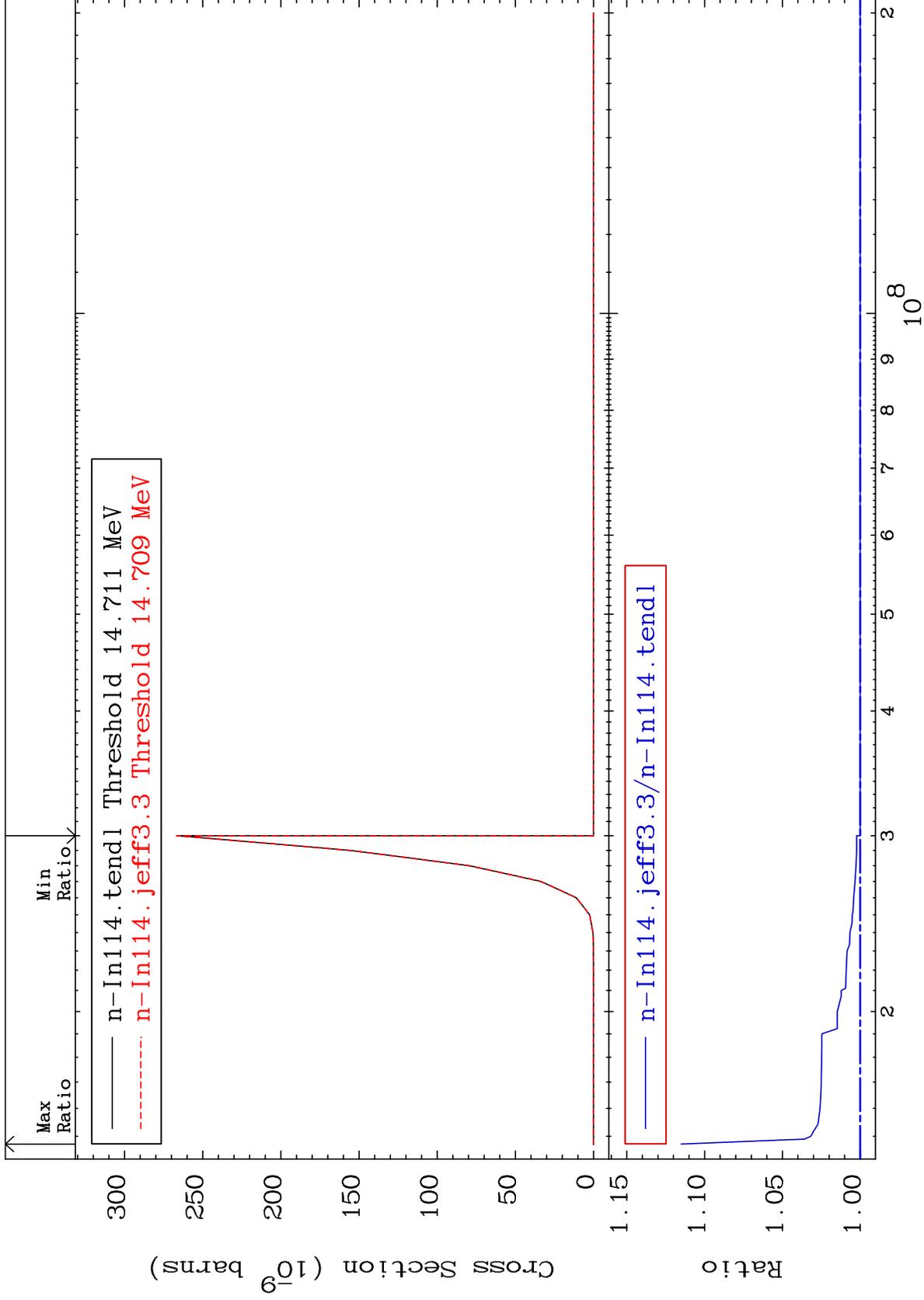
49-In-114

MAT 4928

(n,p) t:47-Ag-111m1

49-In-114

Radionuclide Production Cross Section 0.000 To 11.51 %



113

Incident Energy (eV)

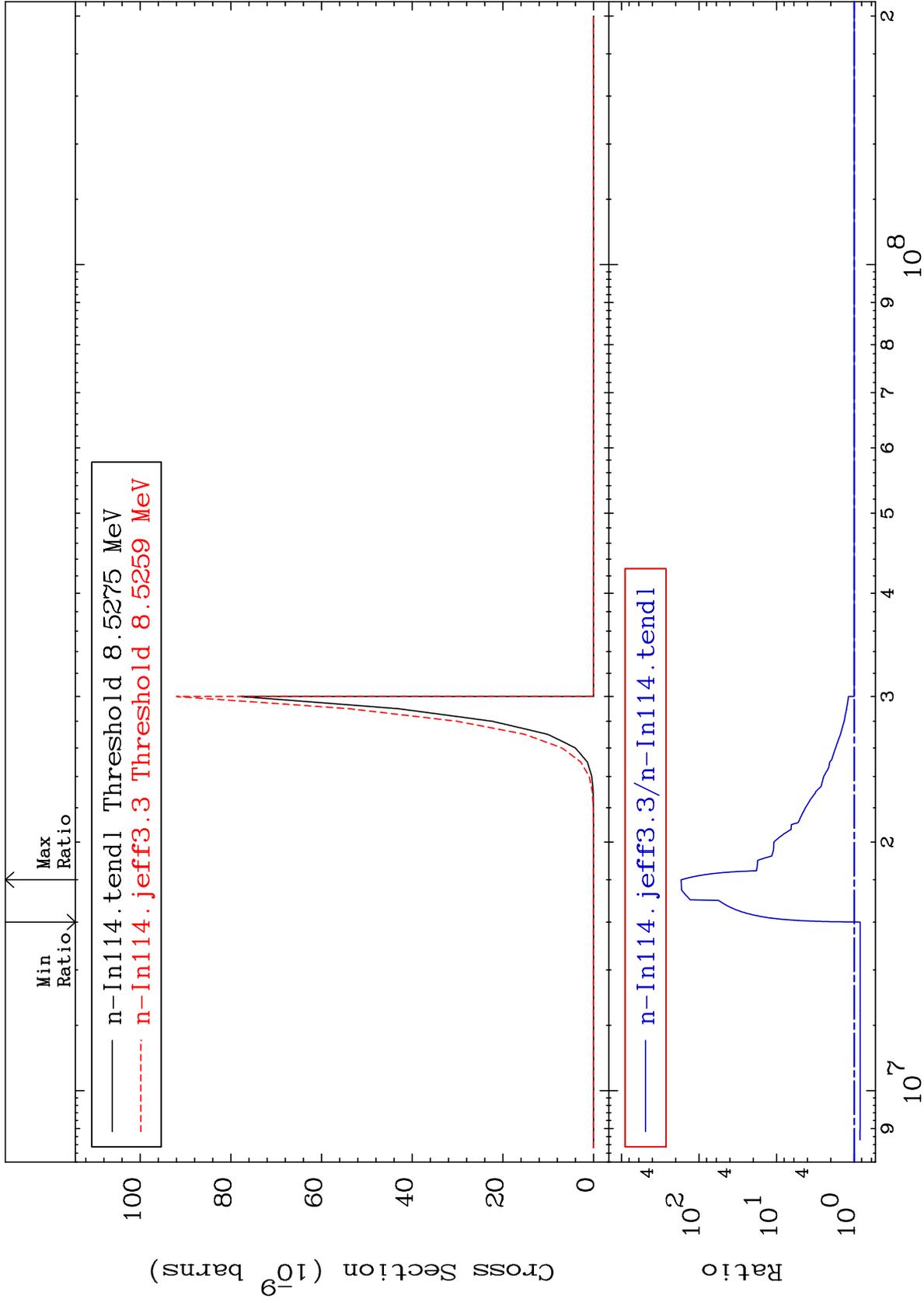
49-In-114

MAT 4928

49-In-114

(n, d) α : 46-Pd-109g

Radionuclide Production Cross Section -16.22 To 9999. %



114

Incident Energy (eV)

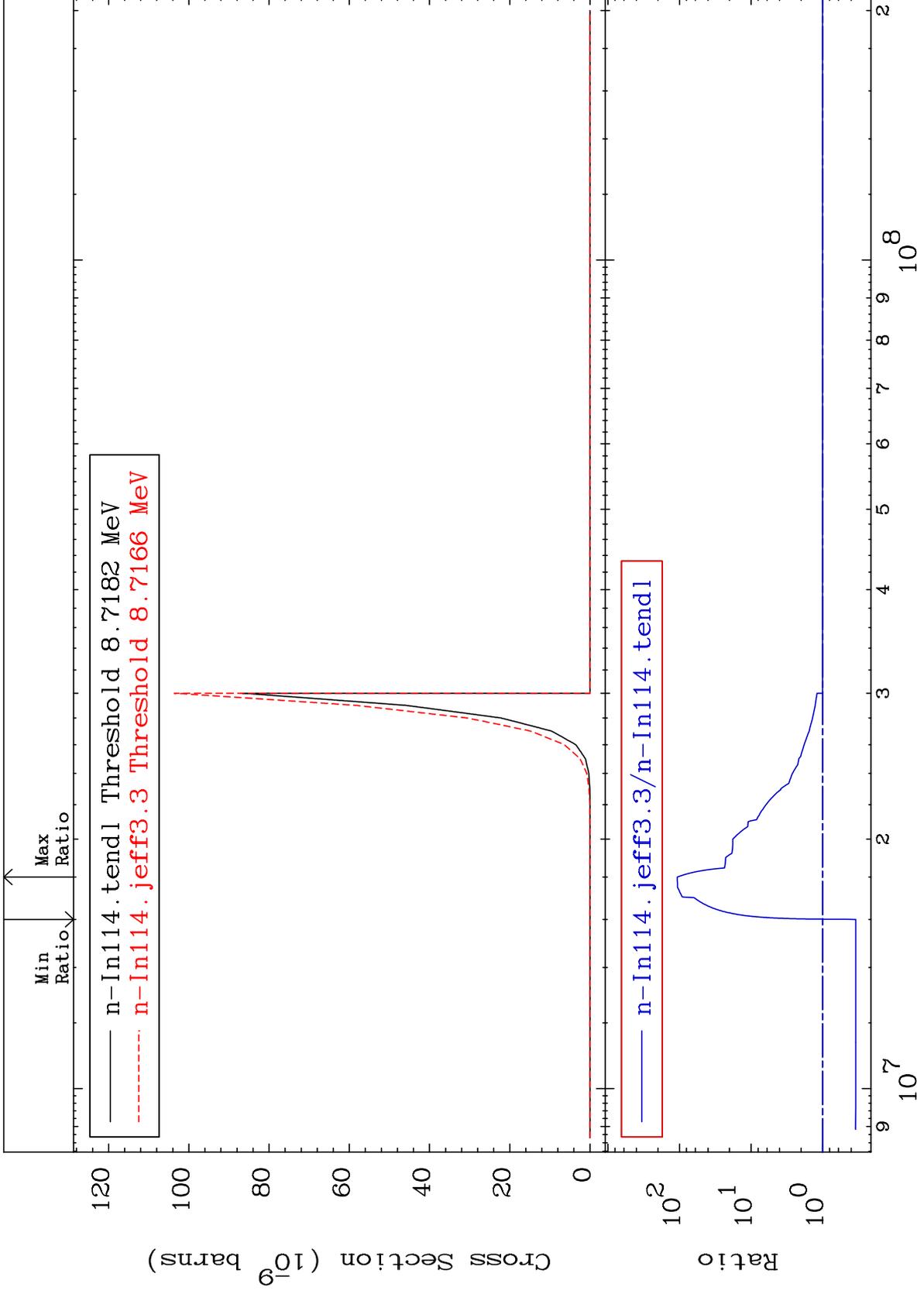
49-In-114

MAT 4928

(n,d) α :46-Pd-109m2

49-In-114

Radionuclide Production Cross Section -65.59 To 9999. %



115

Incident Energy (eV)

49-In-114