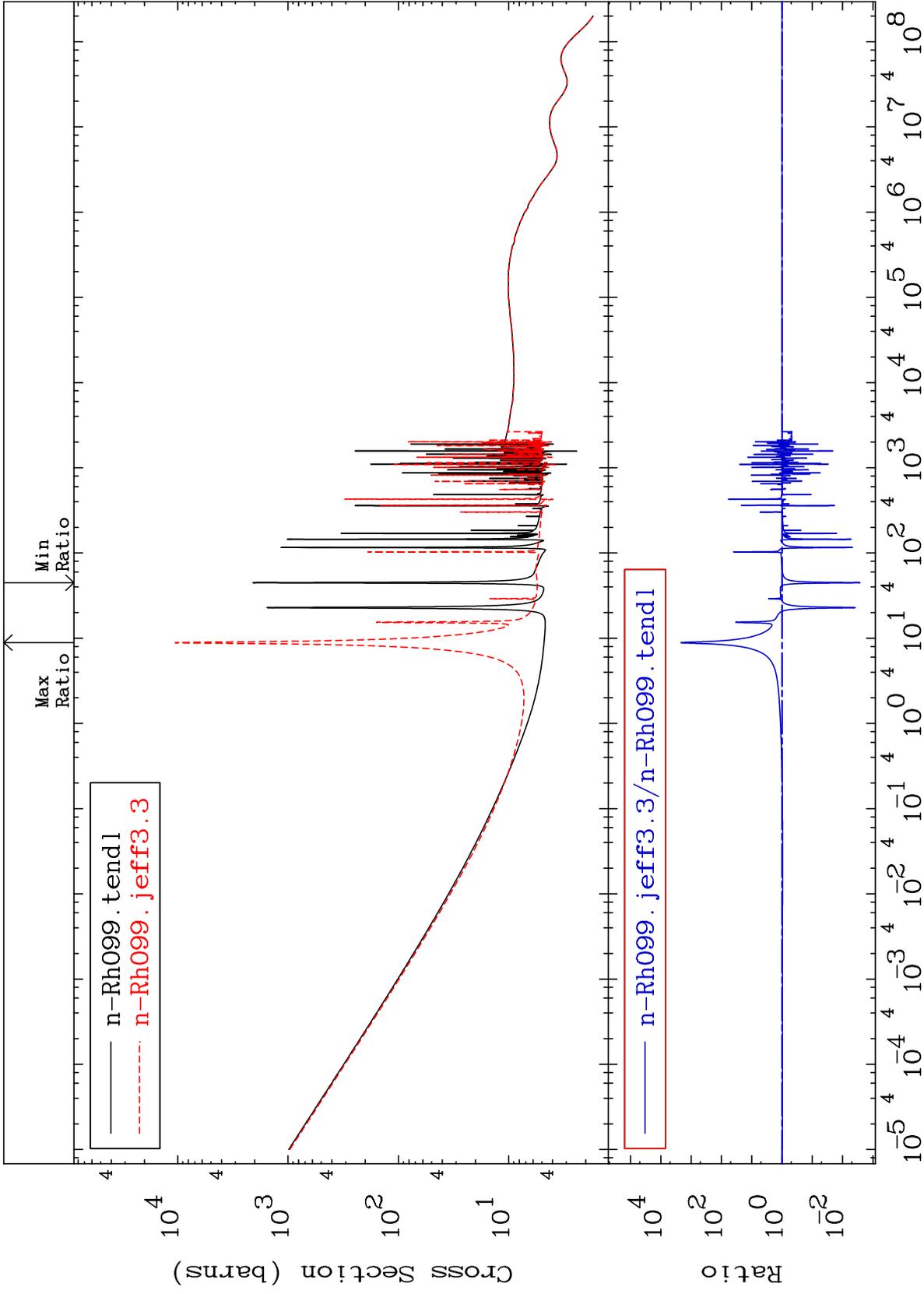


MAT 4513

Total
Cross Section

45-Rh-99
-99.73 To 9999. %

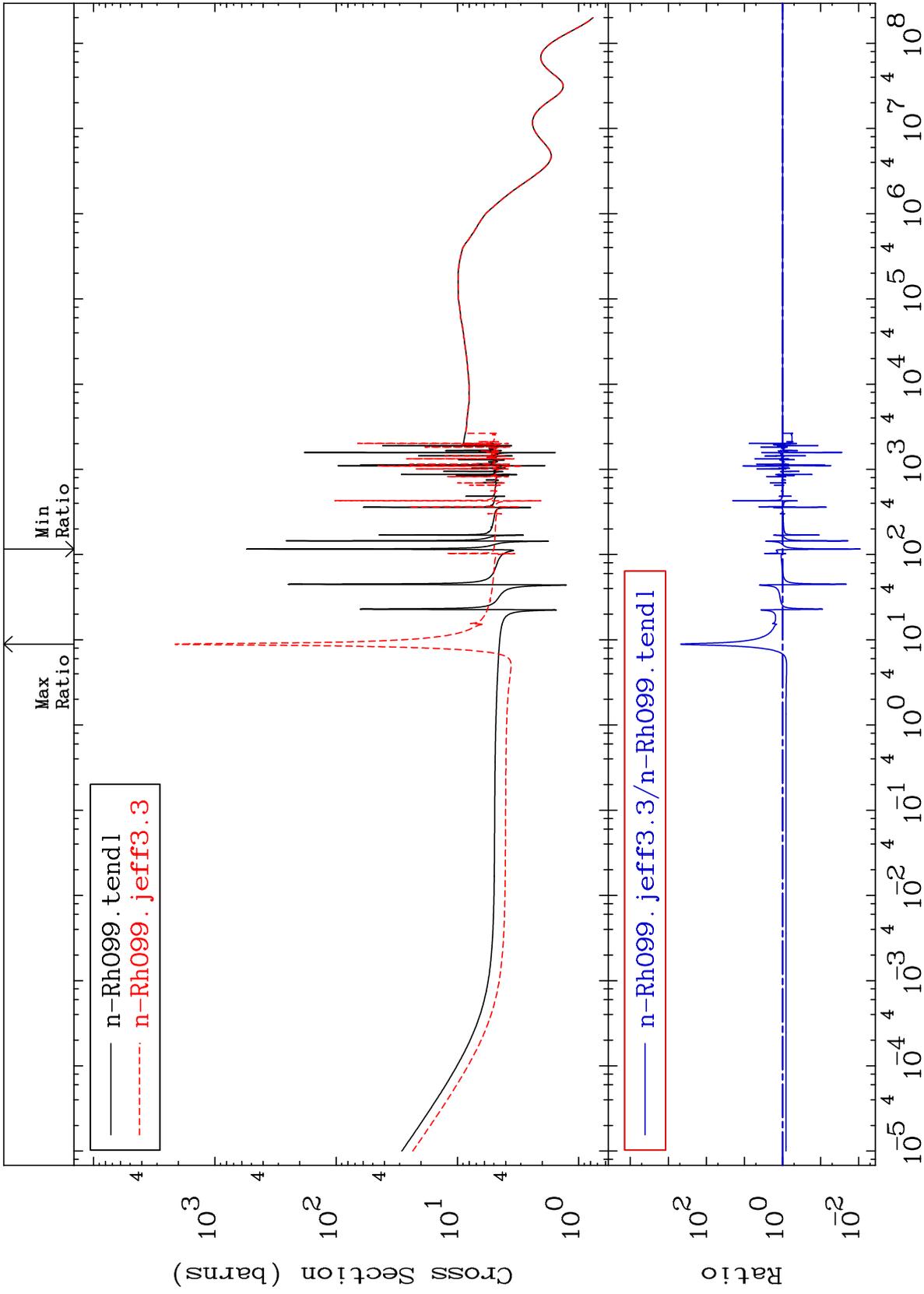


45-Rh-99

Incident Energy (eV)

MAT 4513

Elastic Cross Section
45-Rh-99
-99.08 To 9999. %



45-Rh-99

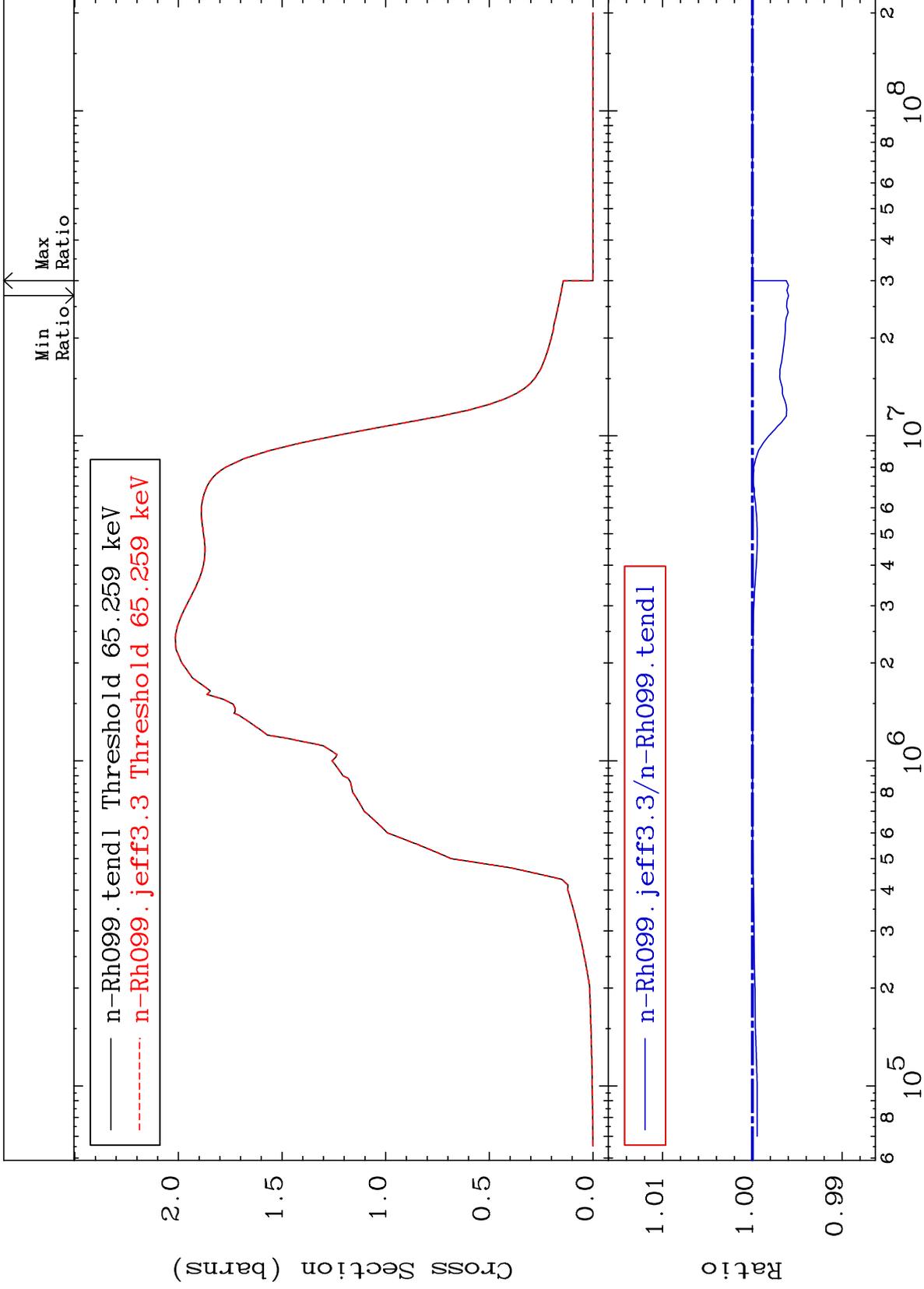
Incident Energy (eV)

2

MAT 4513

Inelastic
Cross Section

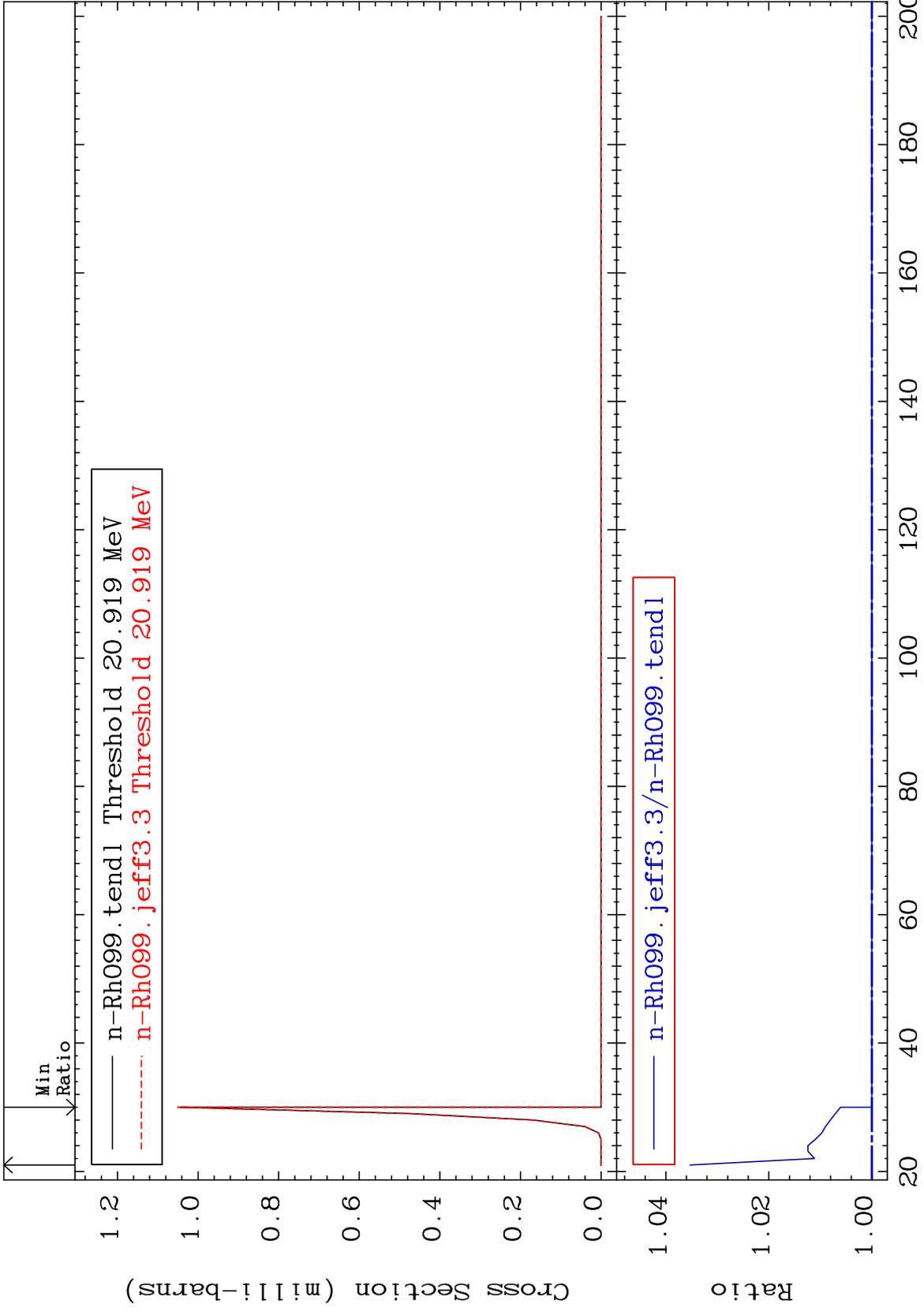
45-Rh-99
-0.403 To 0.000 %



MAT 4513

(n,2n) d
Cross Section

45-Rh-99
0.000 To 3.529 %

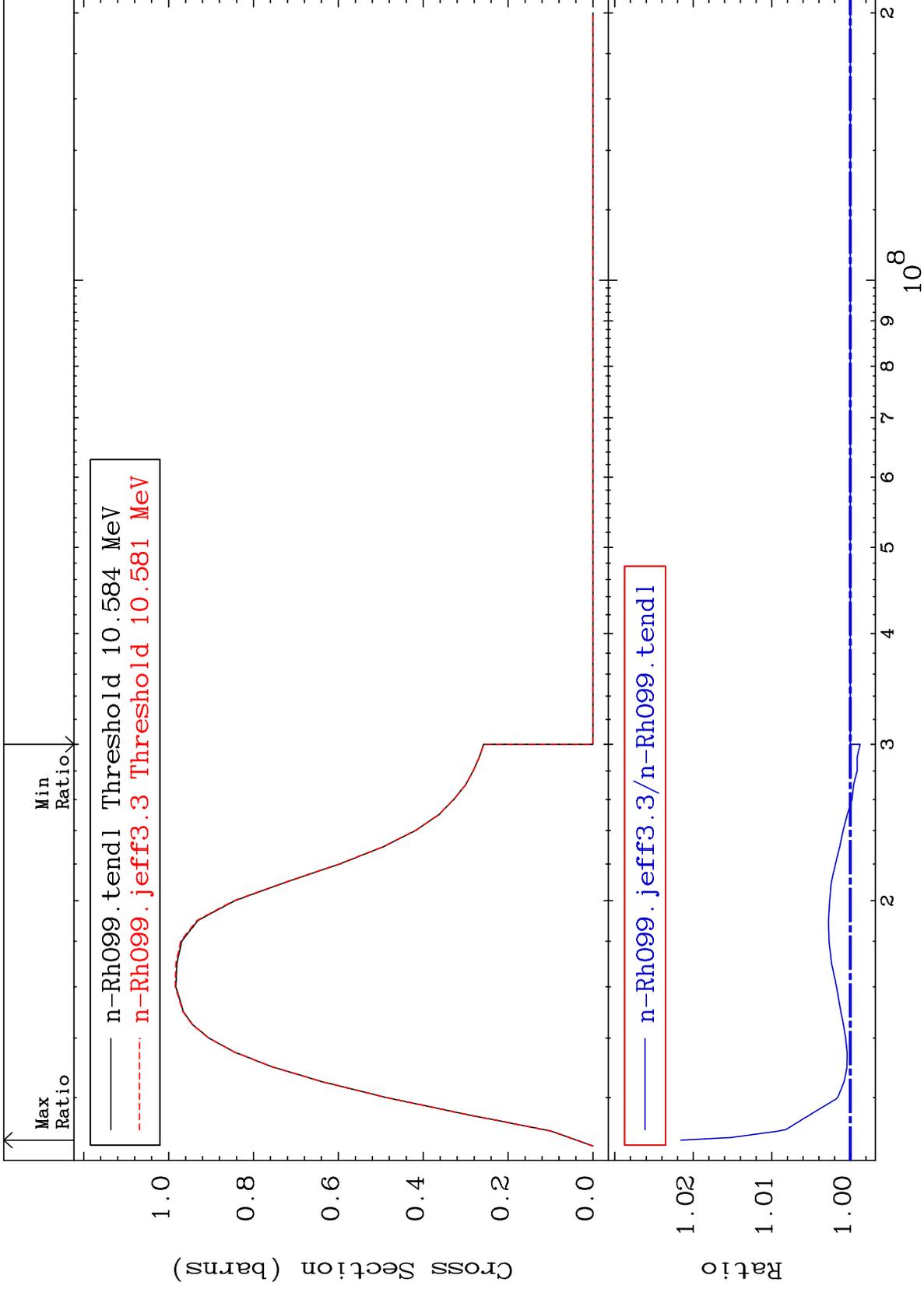


45-Rh-99

MAT 4513

(n,2n)
Cross Section

45-Rh-99
-0.125 To 2.159 %



MAT 4513

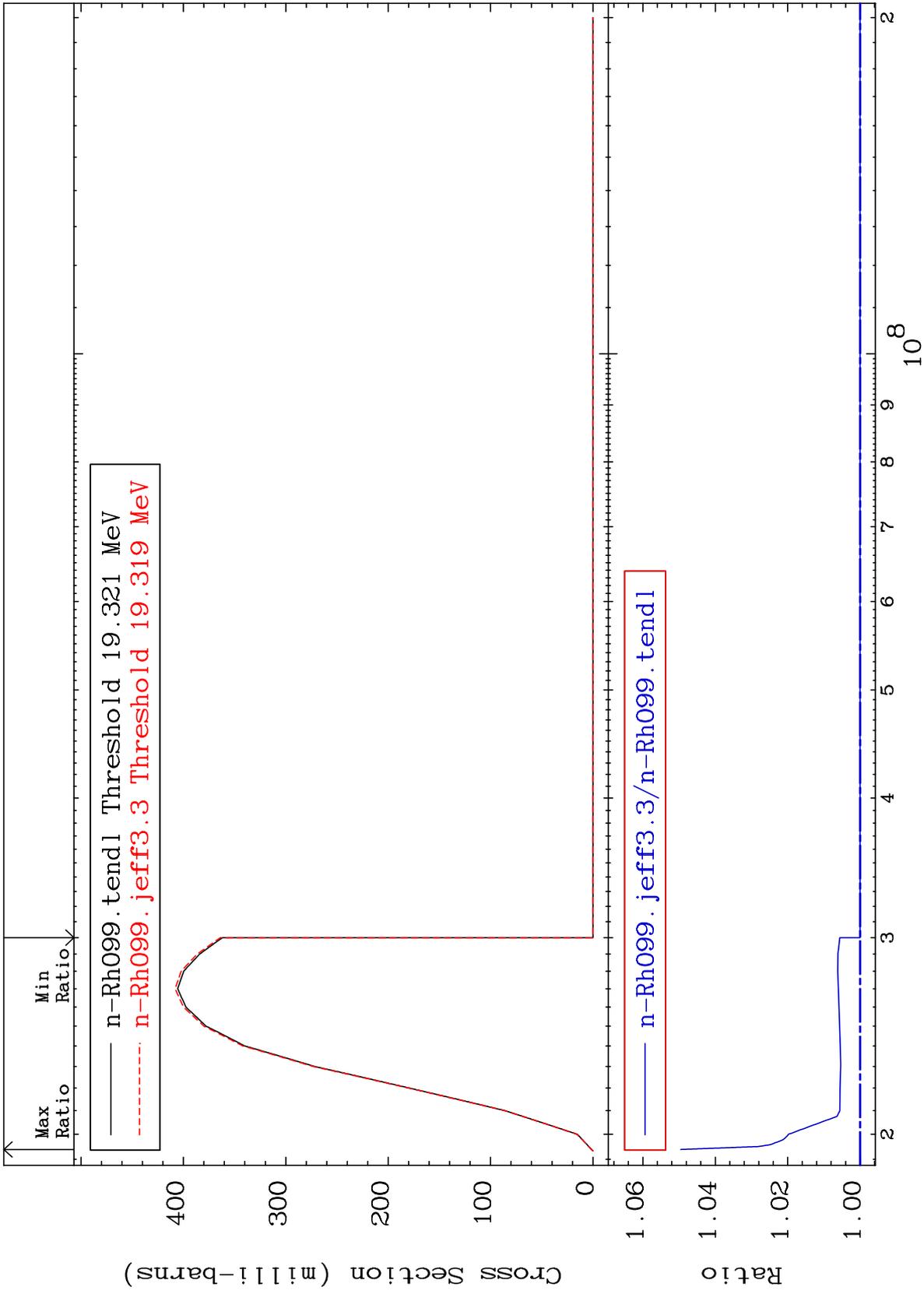
(n,3n)

45-Rh-99

Cross Section

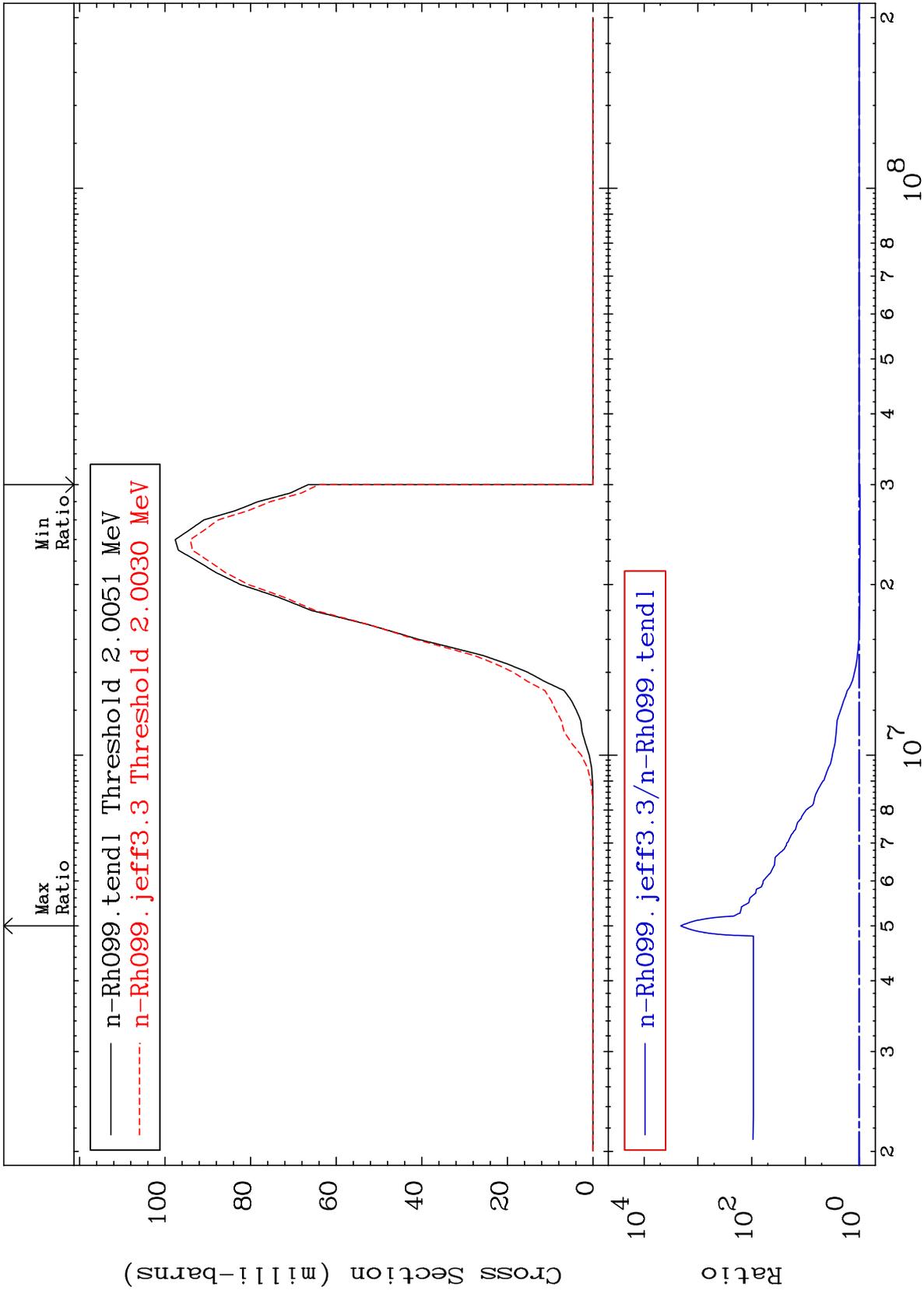
0.000

To 4.953 %



MAT 4513

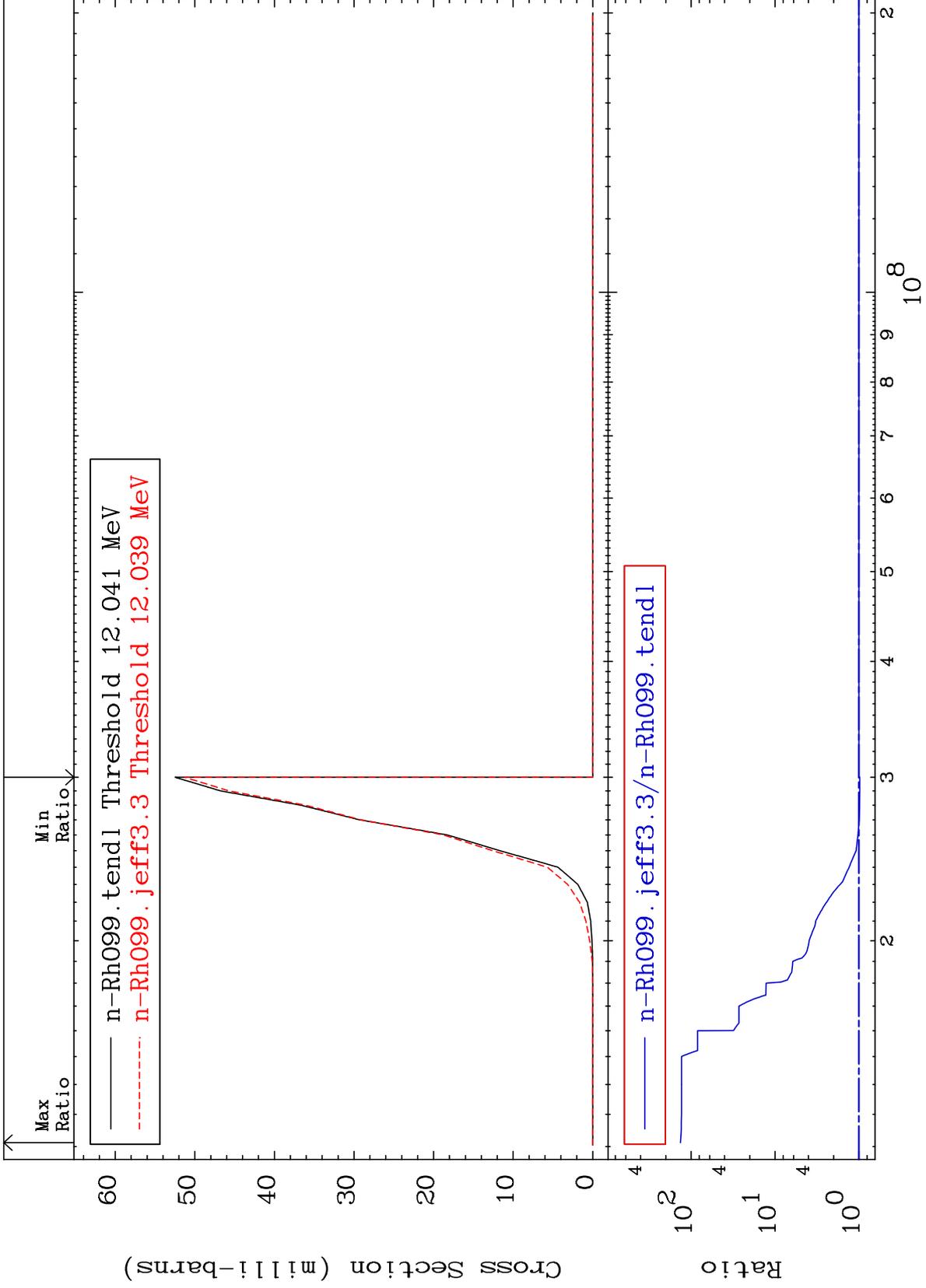
(n, n') α
Cross Section
45-Rh-99
-3.741 To 9999. %



MAT 4513

(n,2n) α
Cross Section

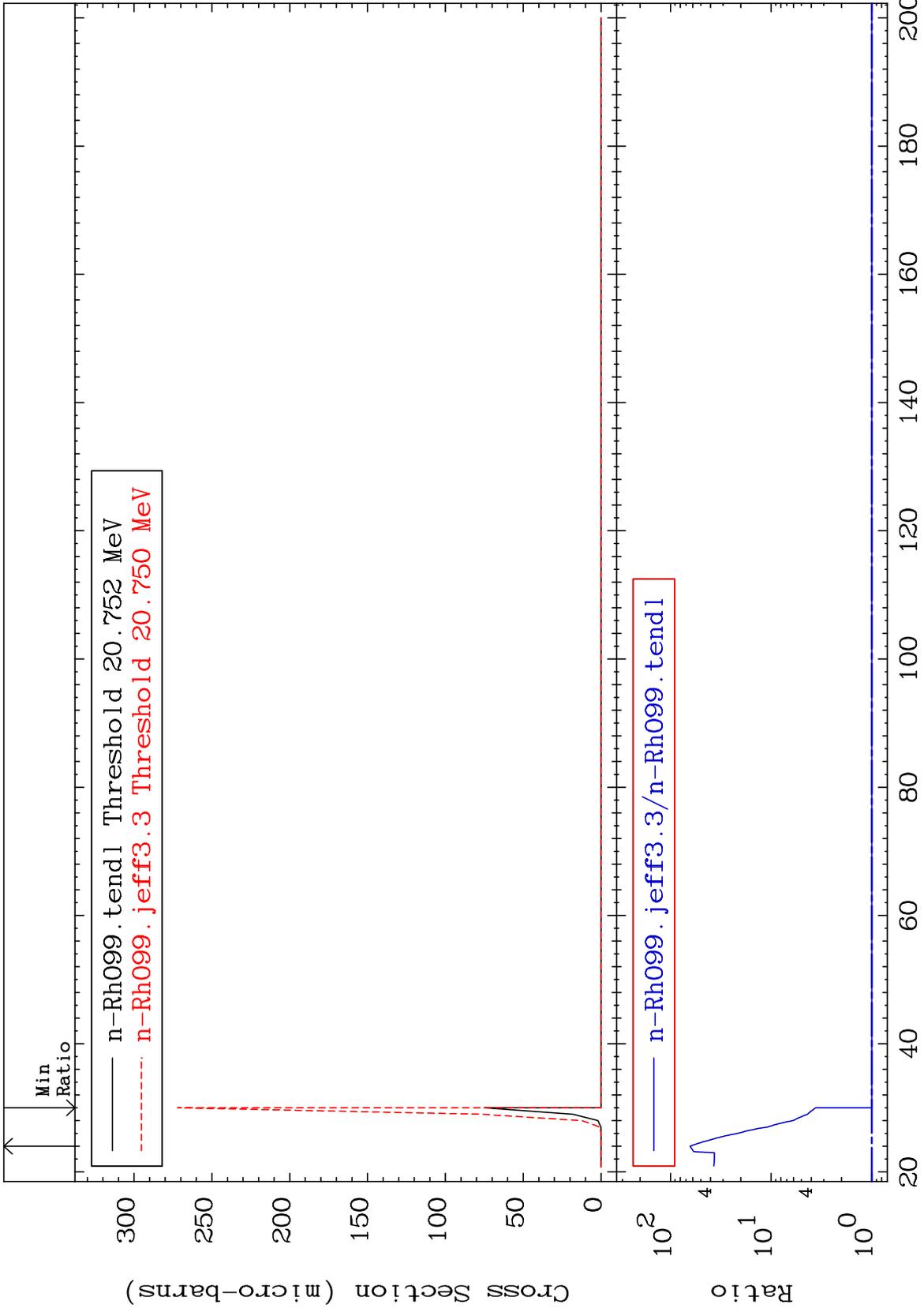
45-Rh-99
-2.317 To 9999. %



MAT 4513

(n,3n) α
Cross Section

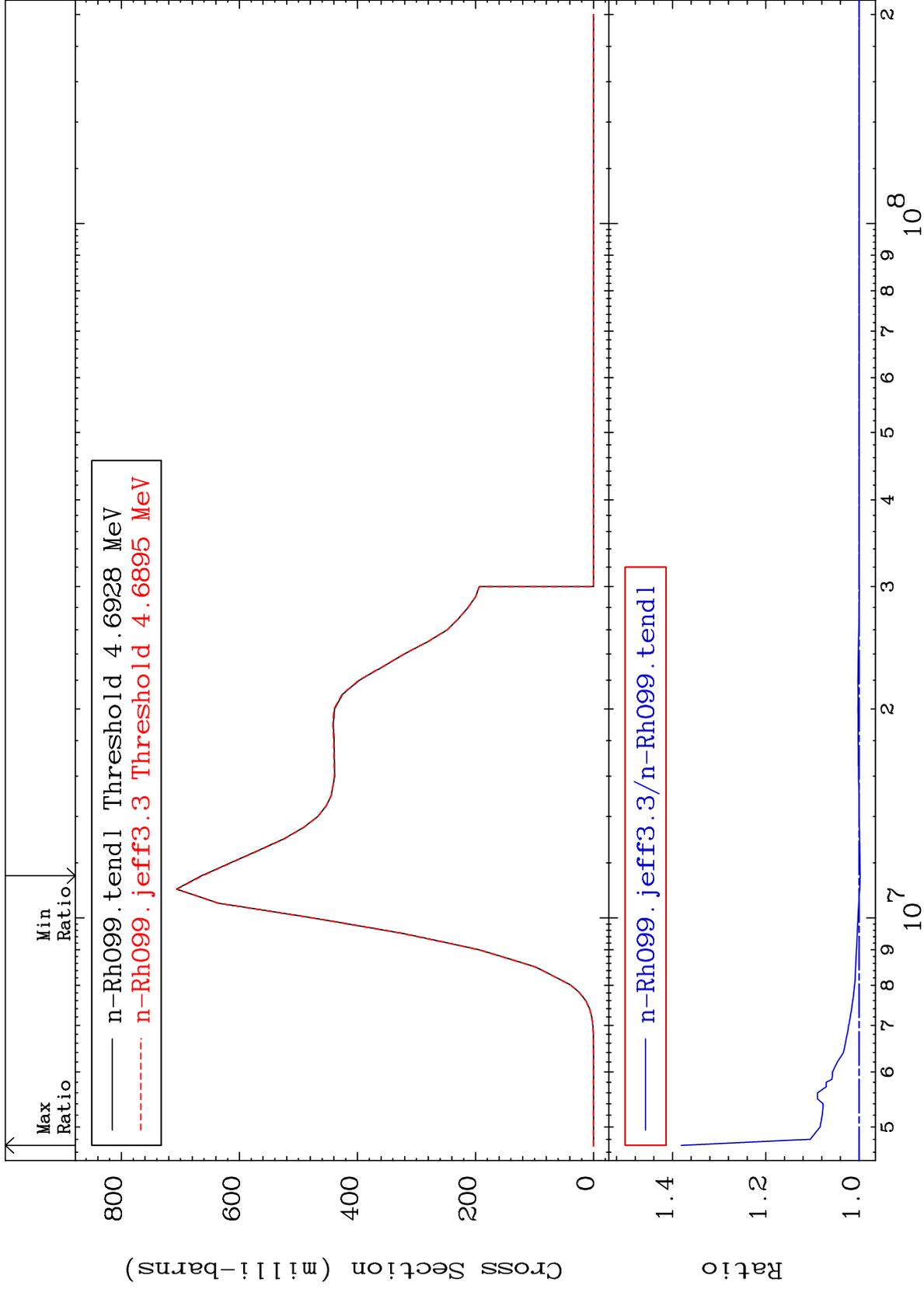
45-Rh-99
0.000 To 6286. %



MAT 4513

(n,n') p
Cross Section

45-Rh-99
-0.237 To 38.14 %



10

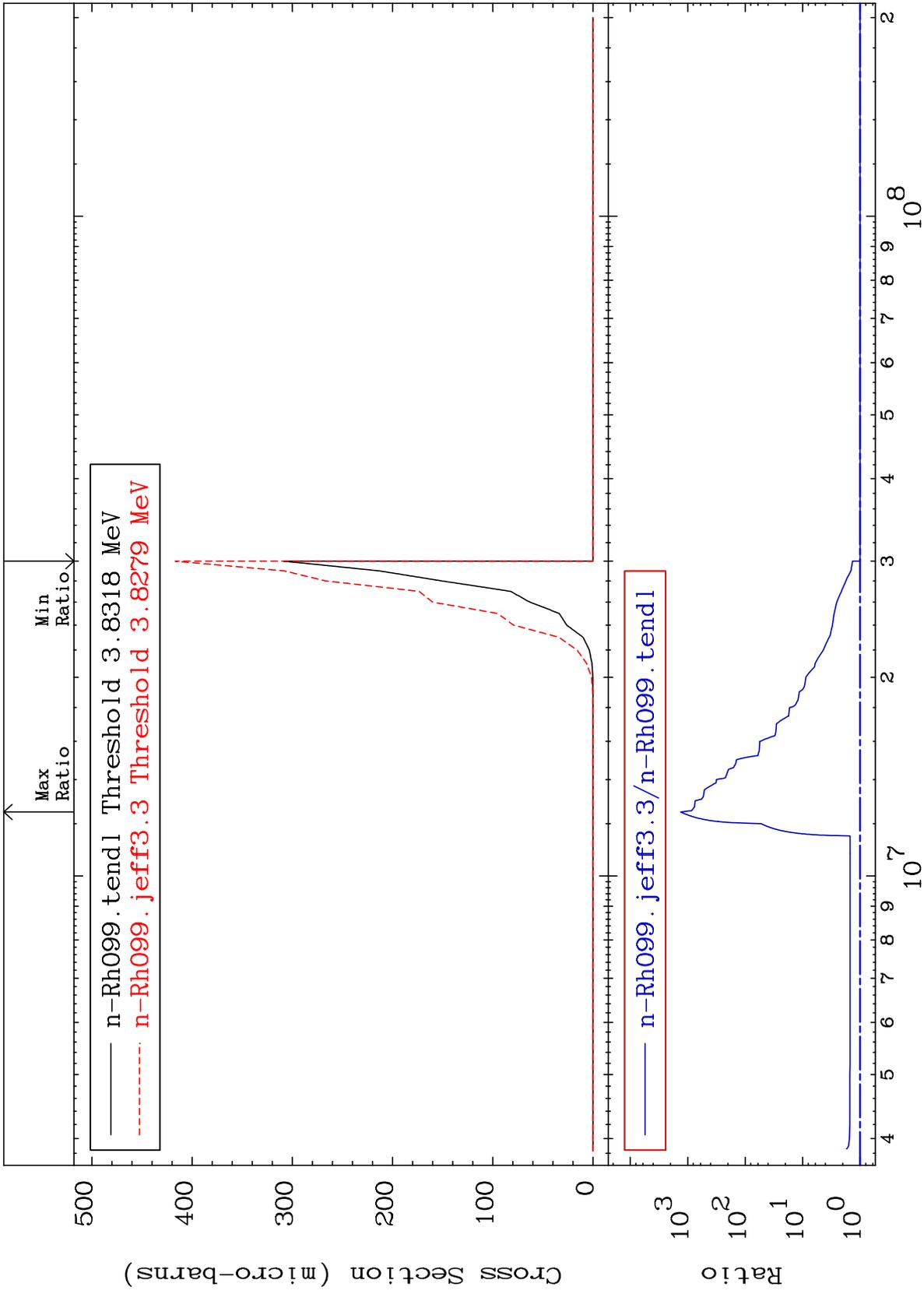
Incident Energy (eV)

45-Rh-99

MAT 4513

(n, n') 2α
Cross Section

45-Rh-99
To 9999. %
0.000



11

45-Rh-99

45-Rh-99

MAT 4513

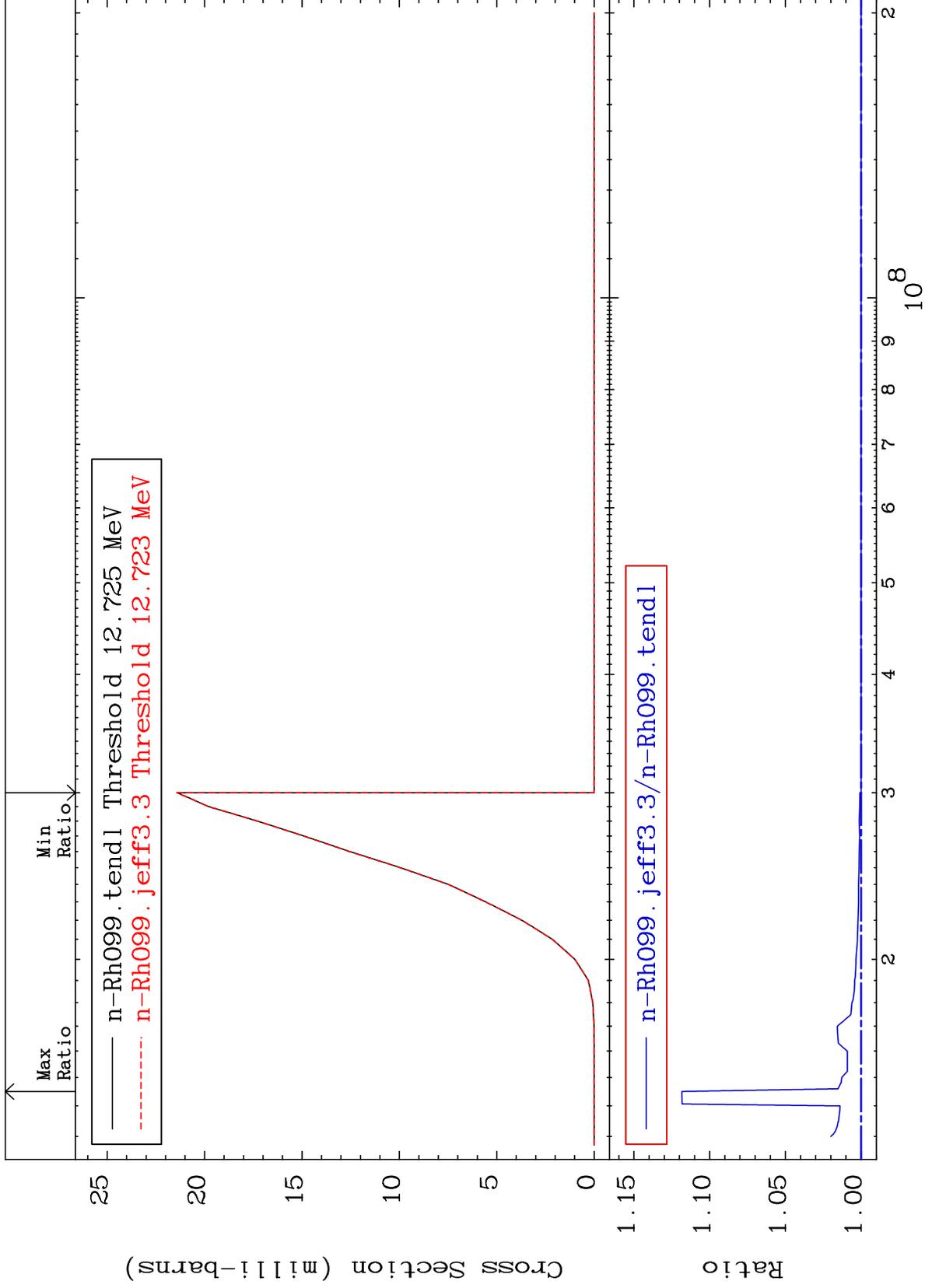
(n,n') d

45-Rh-99

Cross Section

0.000

To 11.83 %



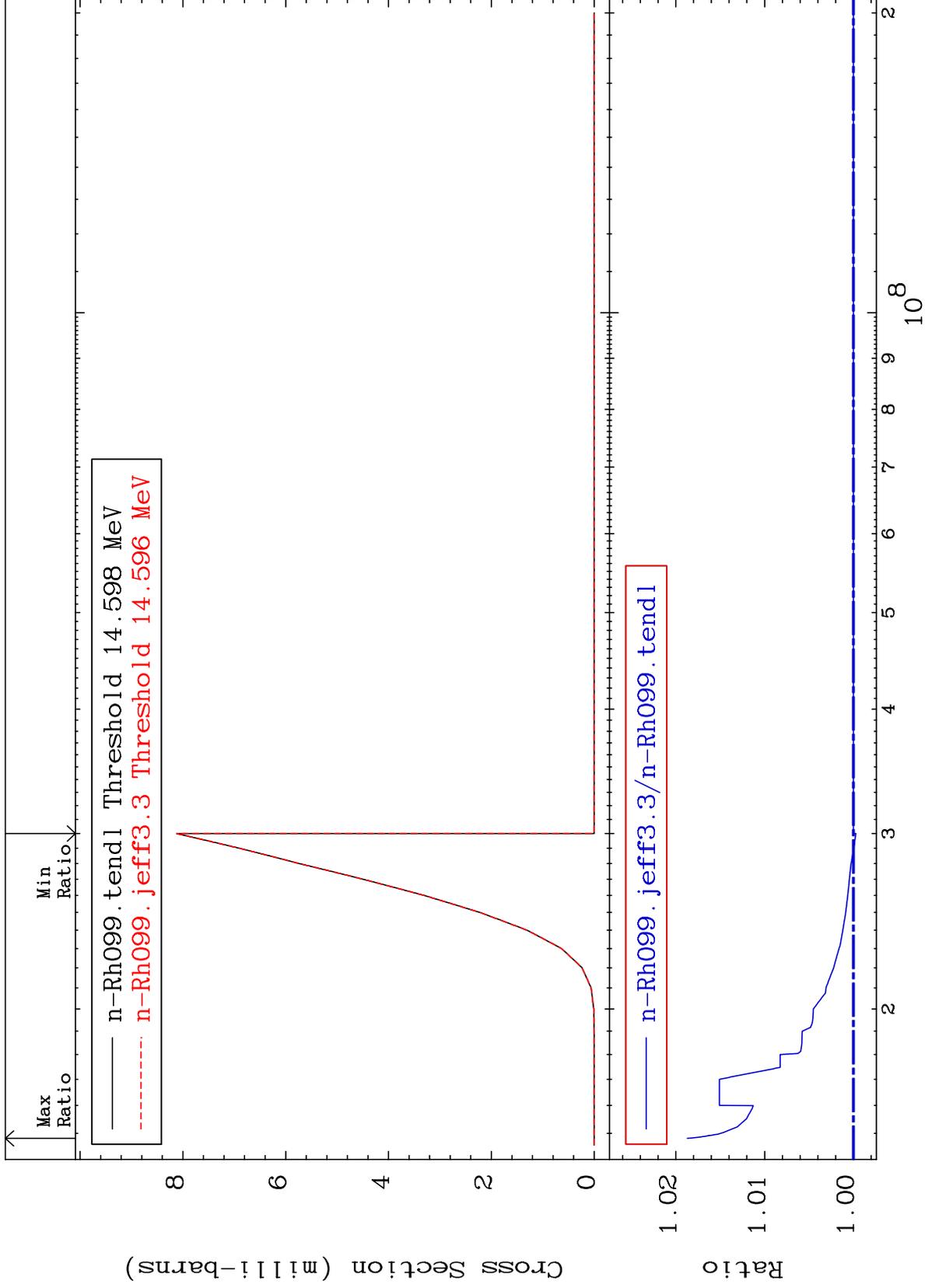
MAT 4513

(n,n') t

45-Rh-99

Cross Section

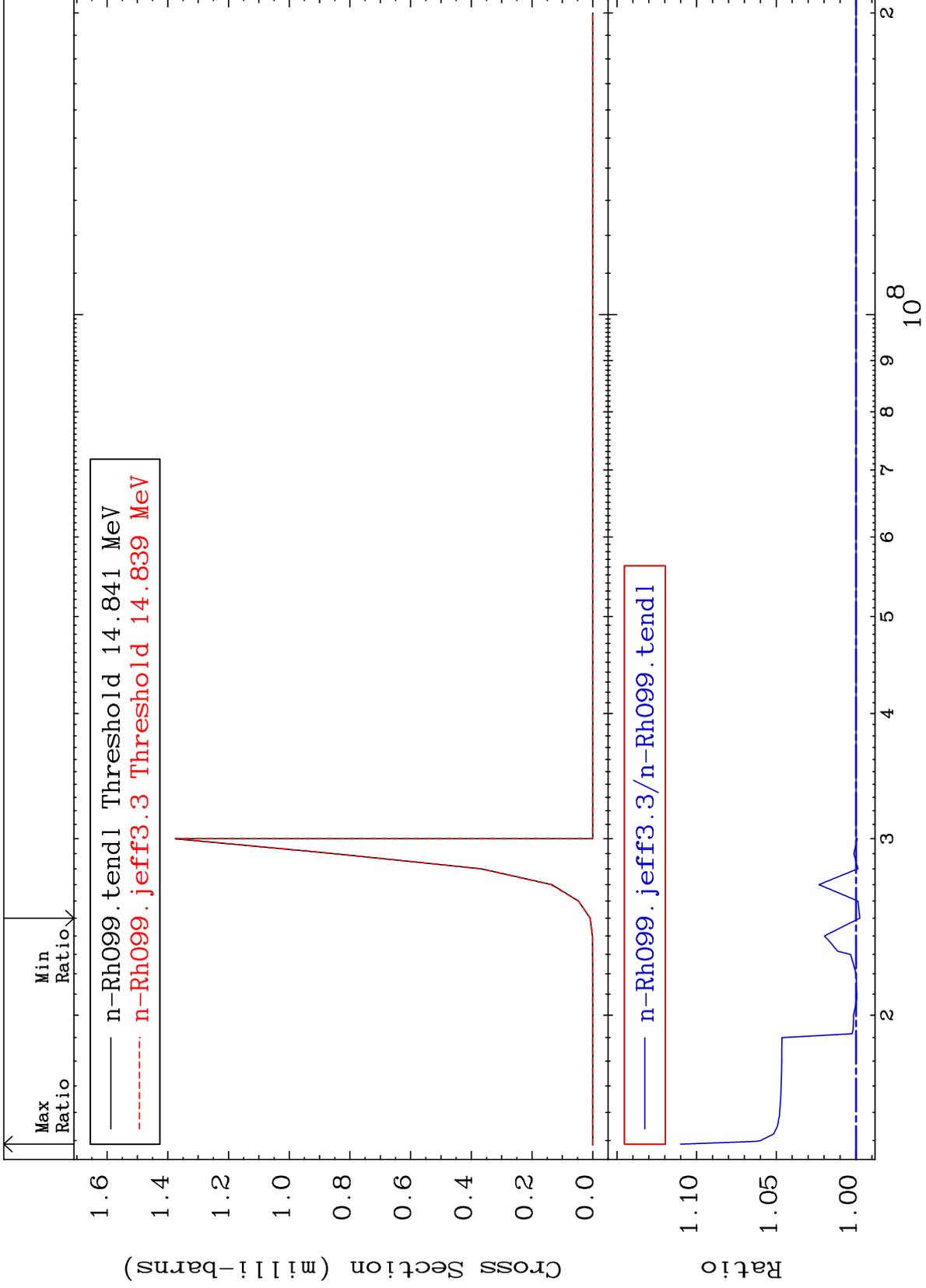
-0.027 To 1.872 %



MAT 4513

(n, n') He-3
Cross Section

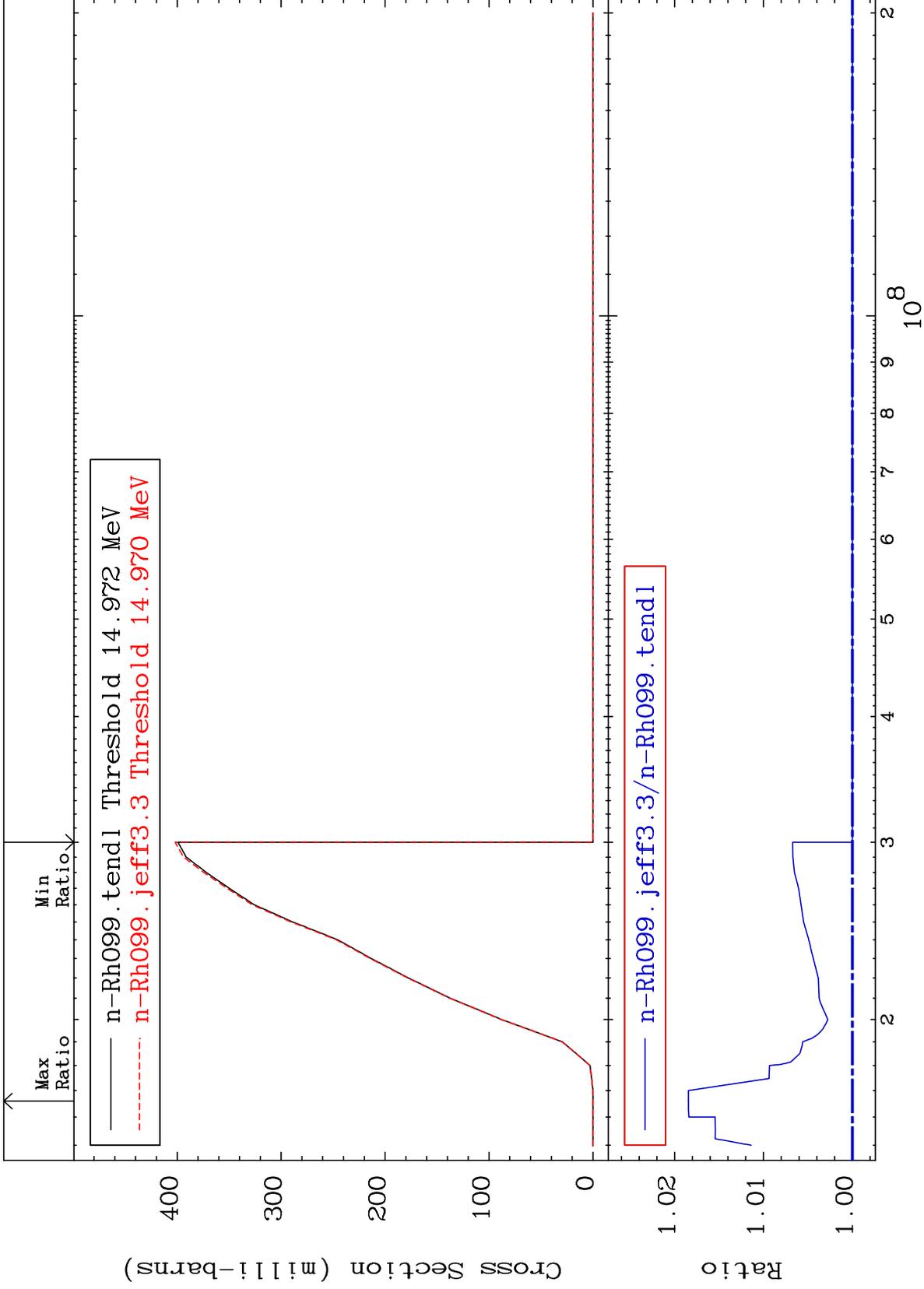
45-Rh-99
-0.238 To 11.01 %



MAT 4513

(n,2n) p
Cross Section

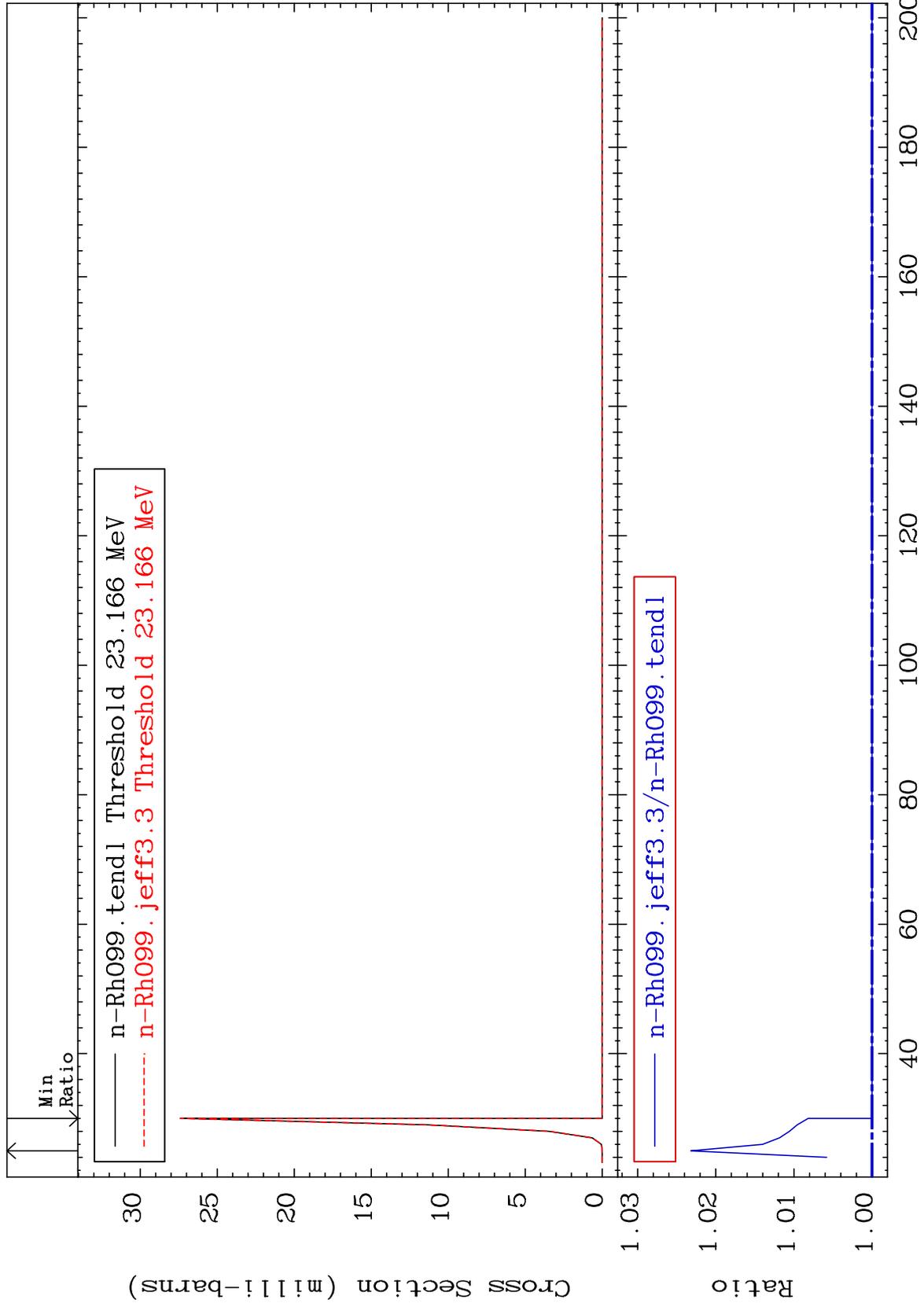
45-Rh-99
0.000 To 1.844 %



MAT 4513

(n,3n) p
Cross Section

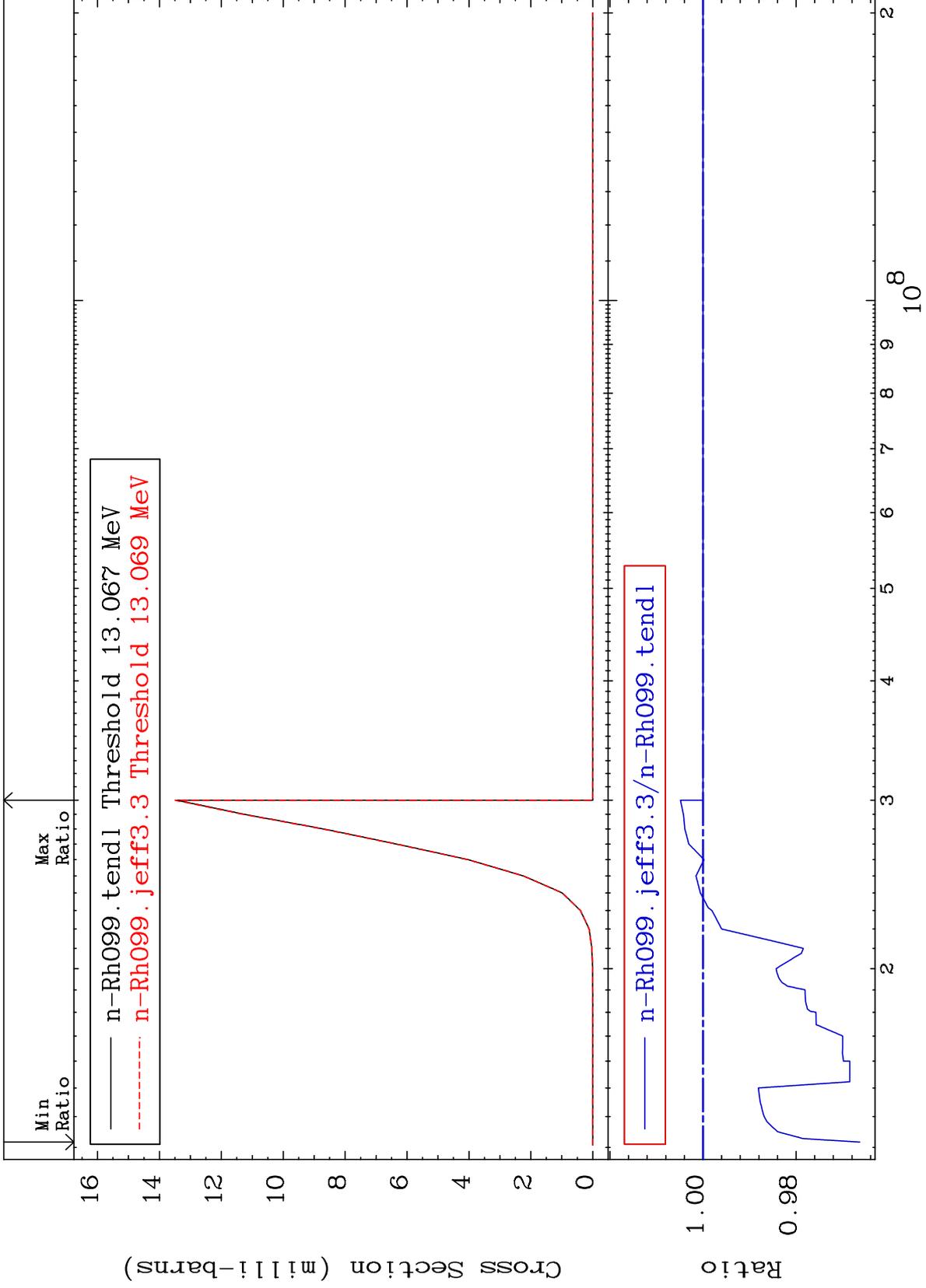
45-Rh-99
0.000 To 2.319 %



MAT 4513

(n,2n) p
Cross Section

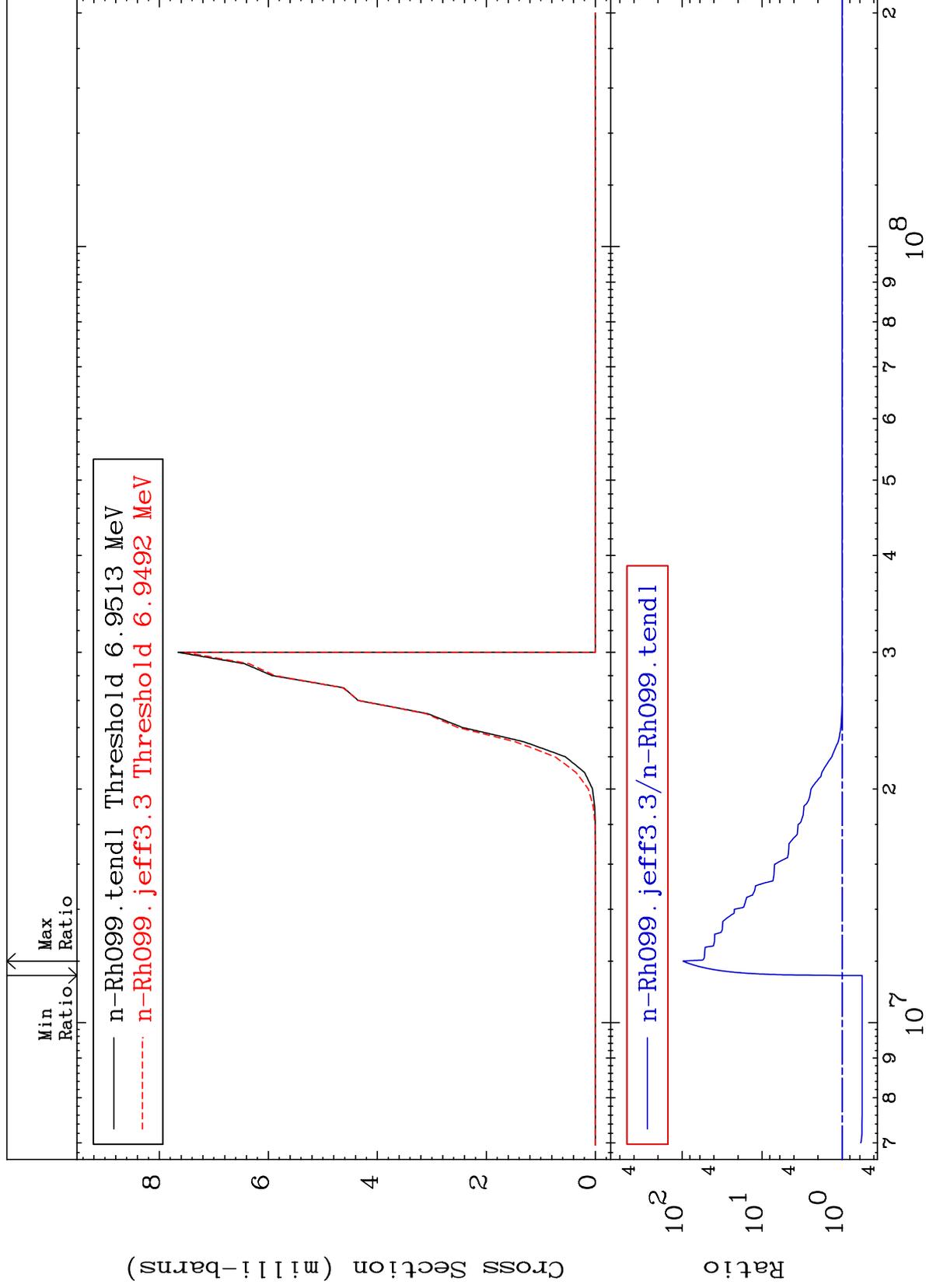
45-Rh-99
-3.368 To 0.483 %



17

Incident Energy (eV)

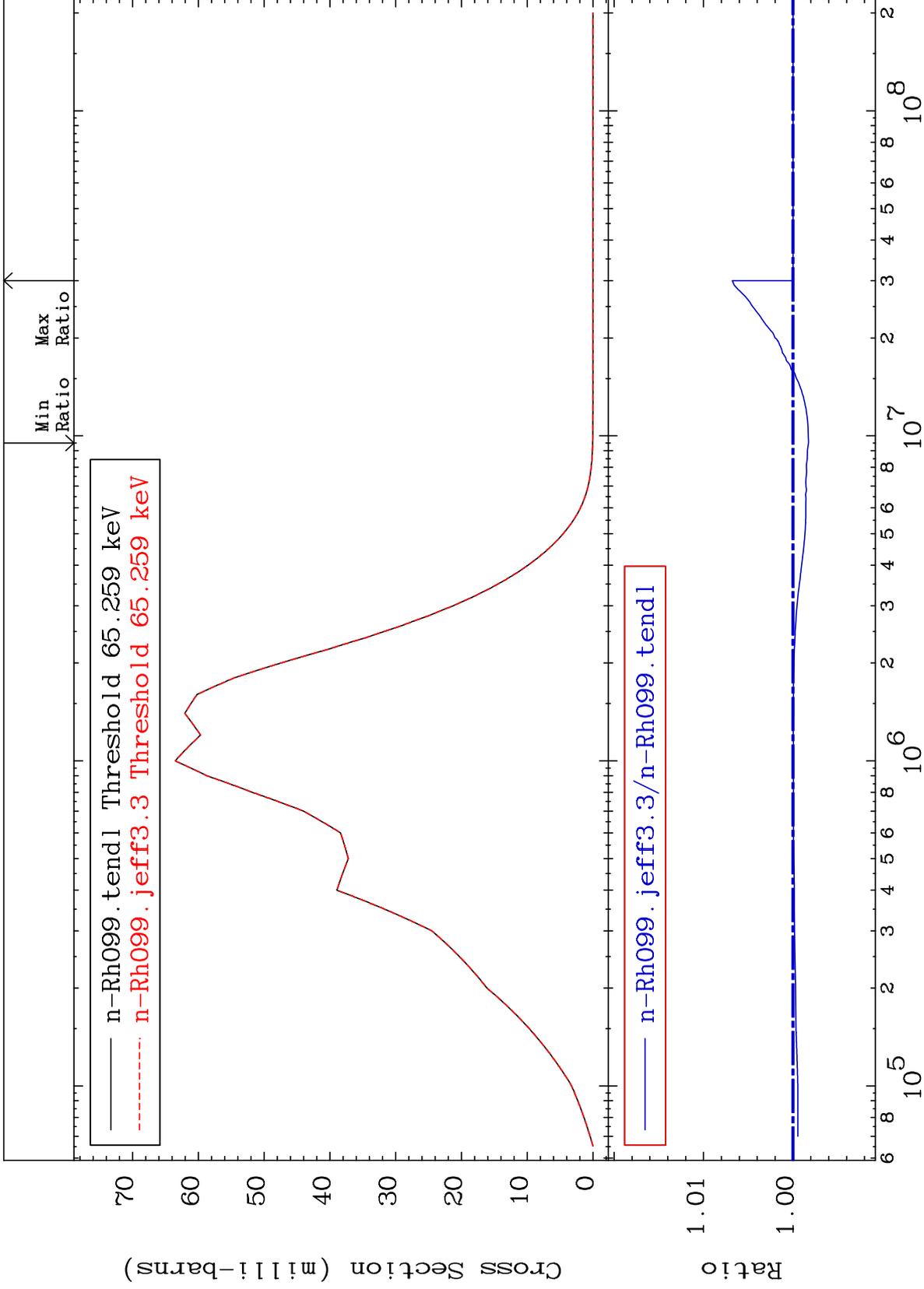
45-Rh-99



MAT 4513

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

45-Rh-99
-0.173 To 0.678 %



19

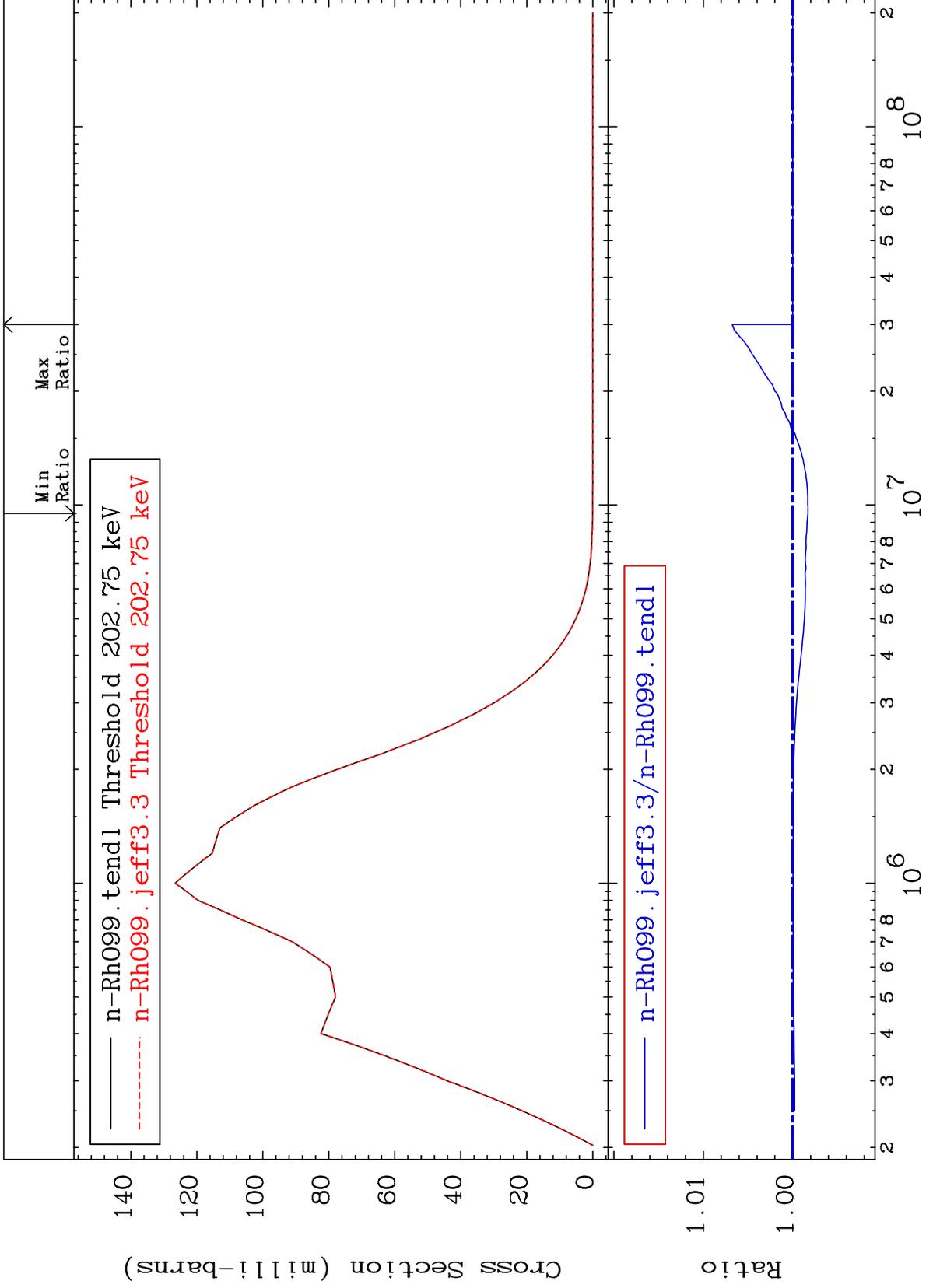
Incident Energy (eV)

45-Rh-99

MAT 4513

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

45-Rh-99
-0.171 To 0.677 %



20

Incident Energy (eV)

45-Rh-99

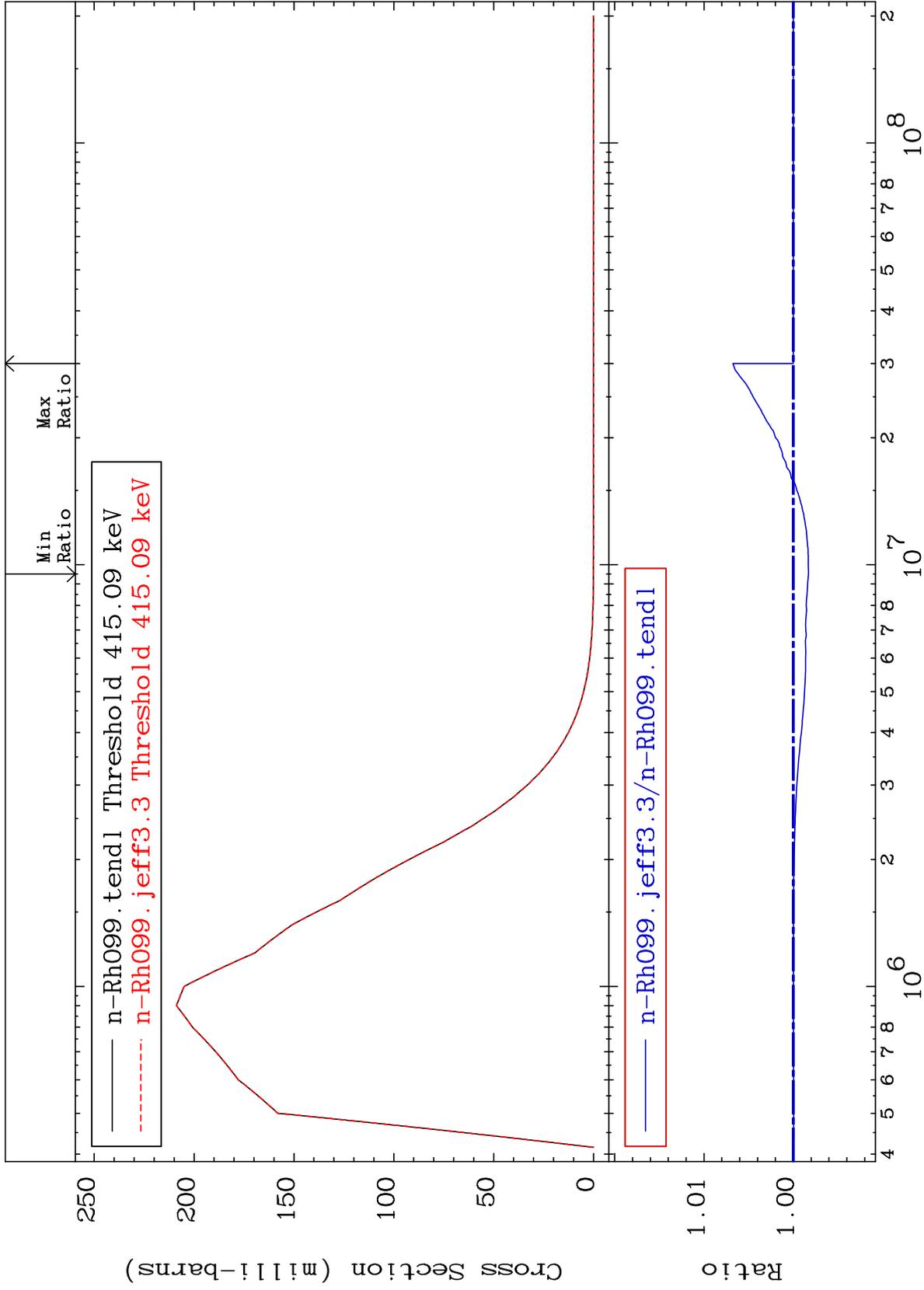
MAT 4513

MT= 53 (n, n') Level

45-Rh-99

Cross Section

-0.170 To 0.676 %



21

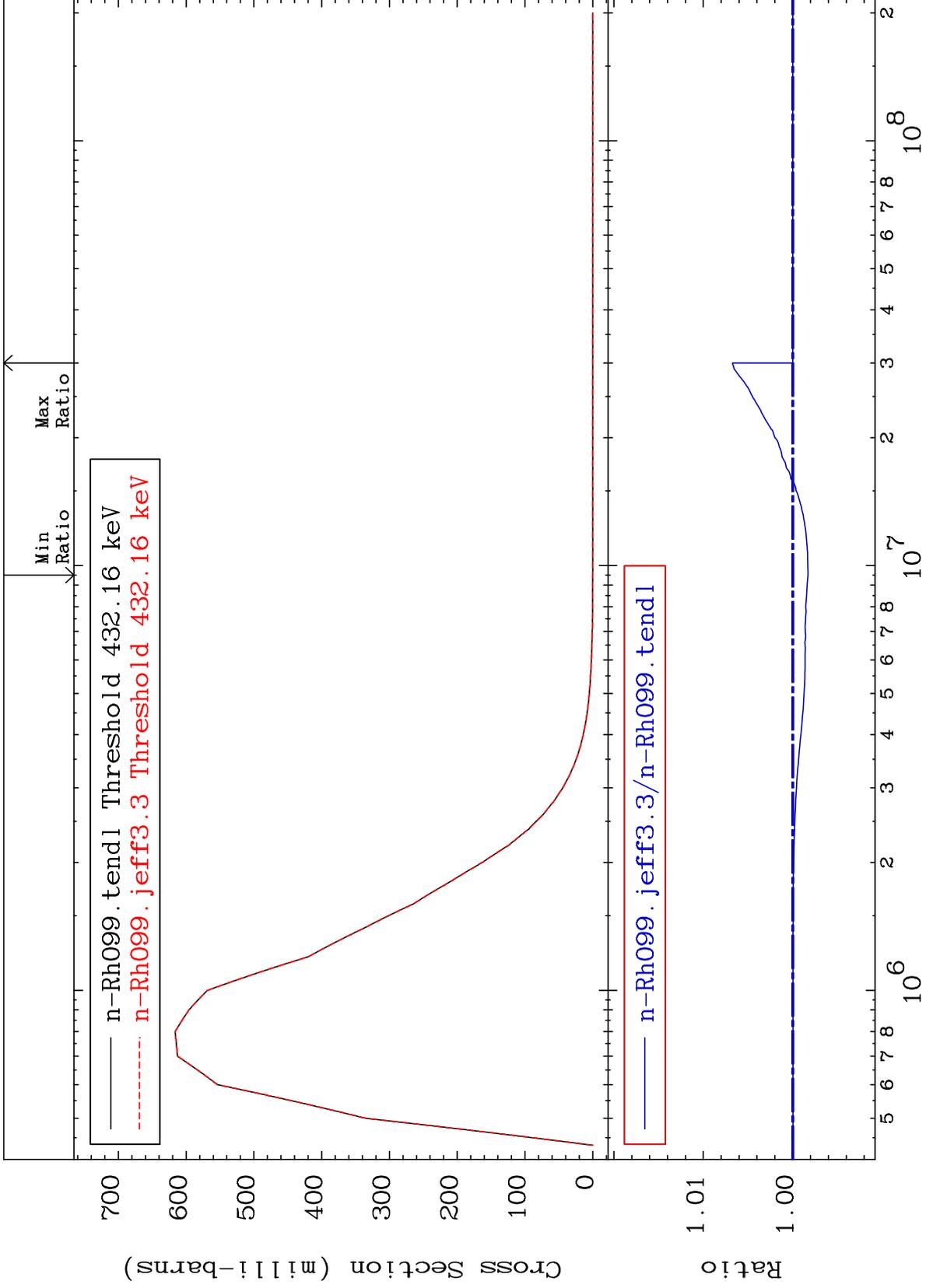
Incident Energy (eV)

45-Rh-99

MAT 4513

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

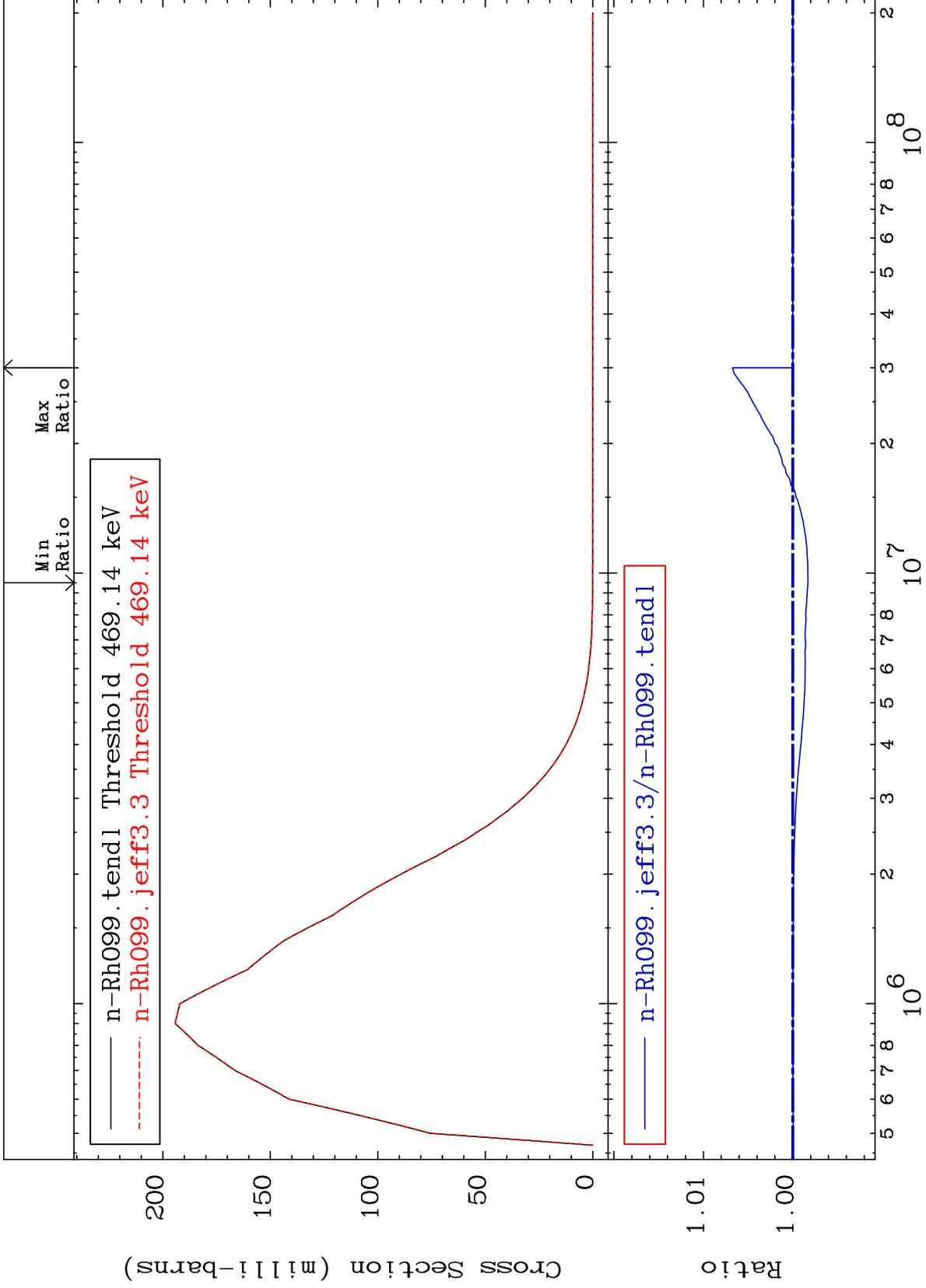
45-Rh-99
-0.170 To 0.675 %



MAT 4513

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

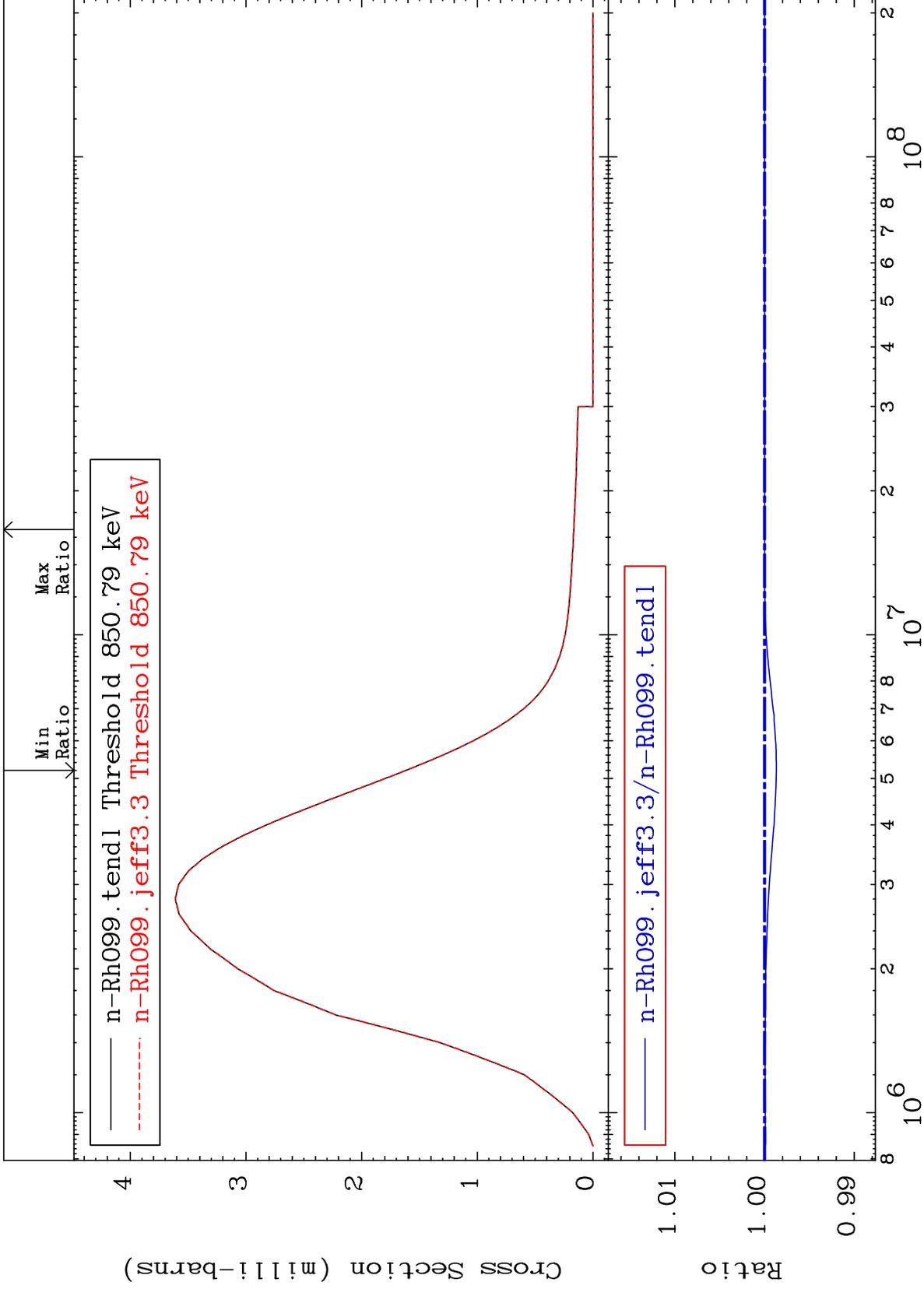
45-Rh-99
-0.169 To 0.676 %



MAT 4513

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

45-Rh-99
-0.131 To 0.000 %



24

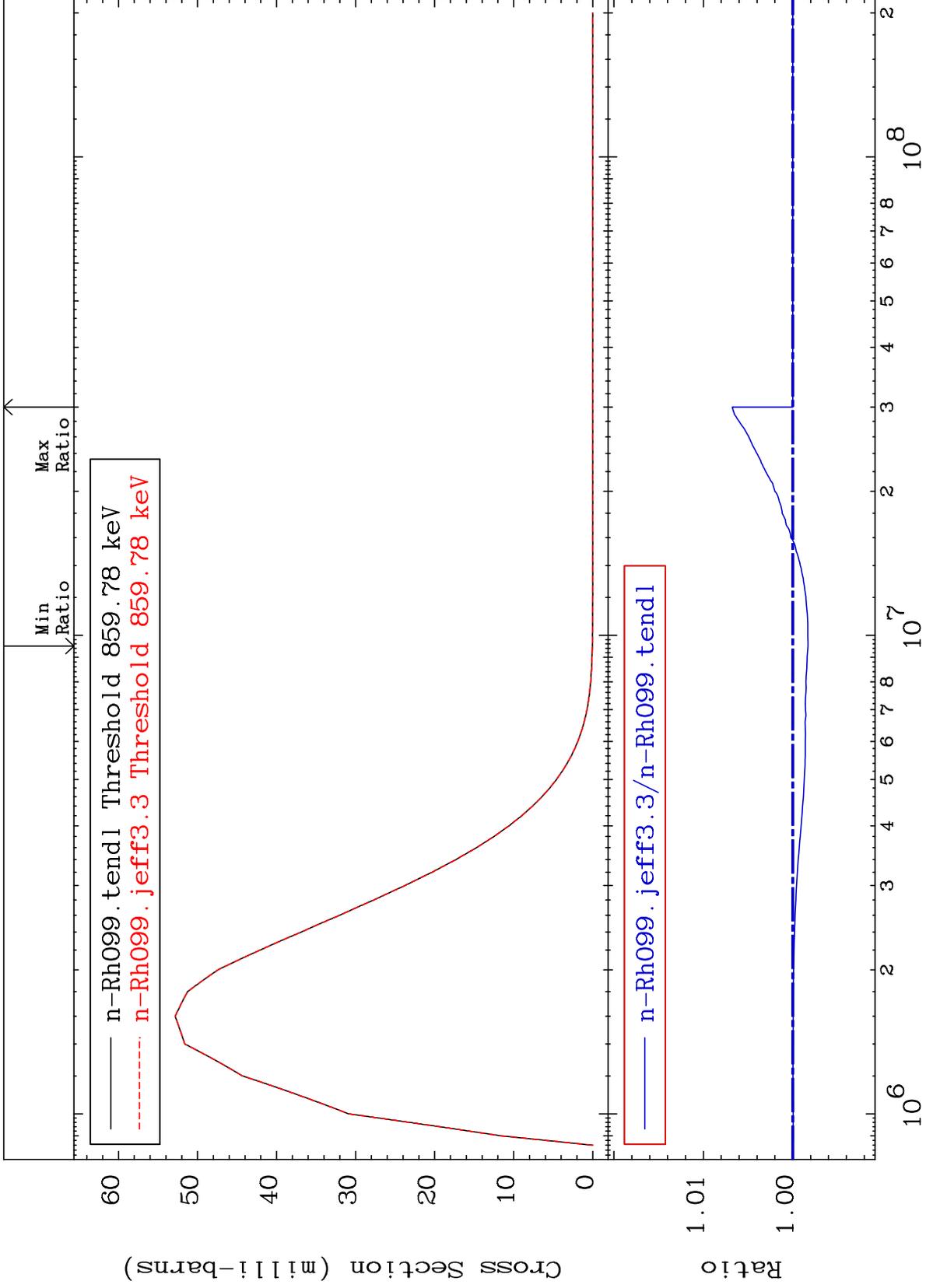
Incident Energy (eV)

45-Rh-99

MAT 4513

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

45-Rh-99
-0.171 To 0.677 %



25

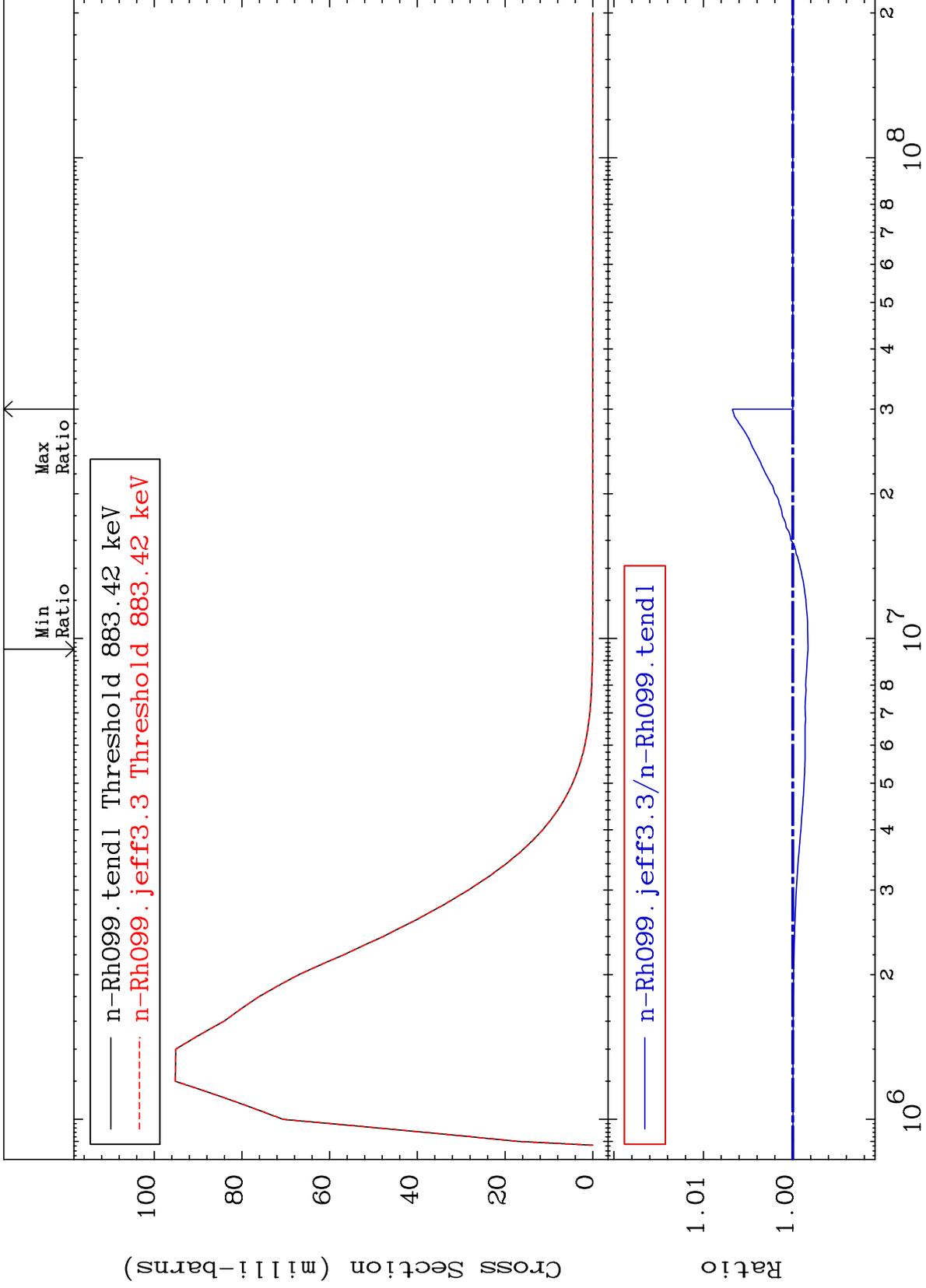
Incident Energy (eV)

45-Rh-99

MAT 4513

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

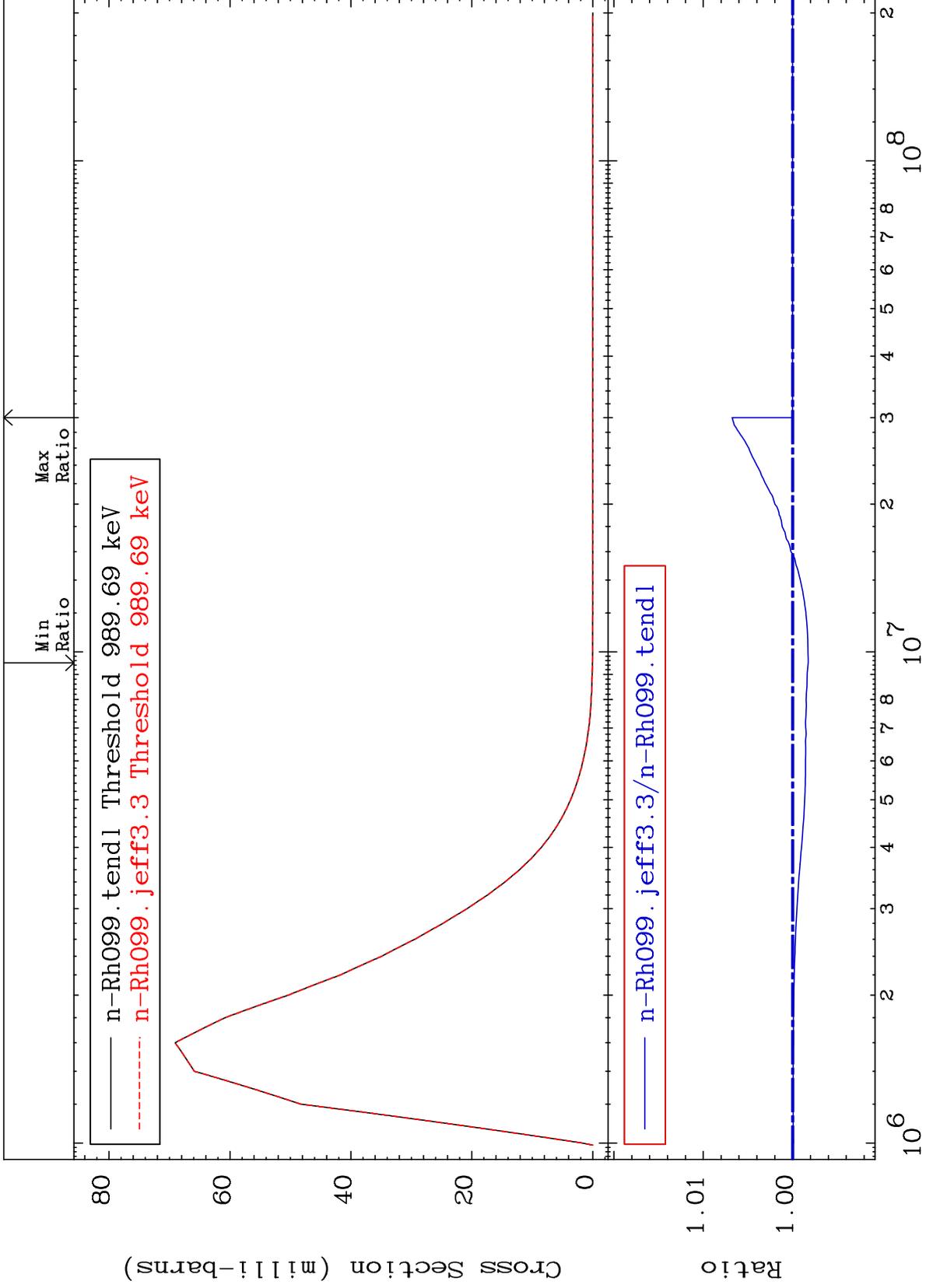
45-Rh-99
-0.169 To 0.676 %



MAT 4513

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

45-Rh-99
-0.174 To 0.677 %



27

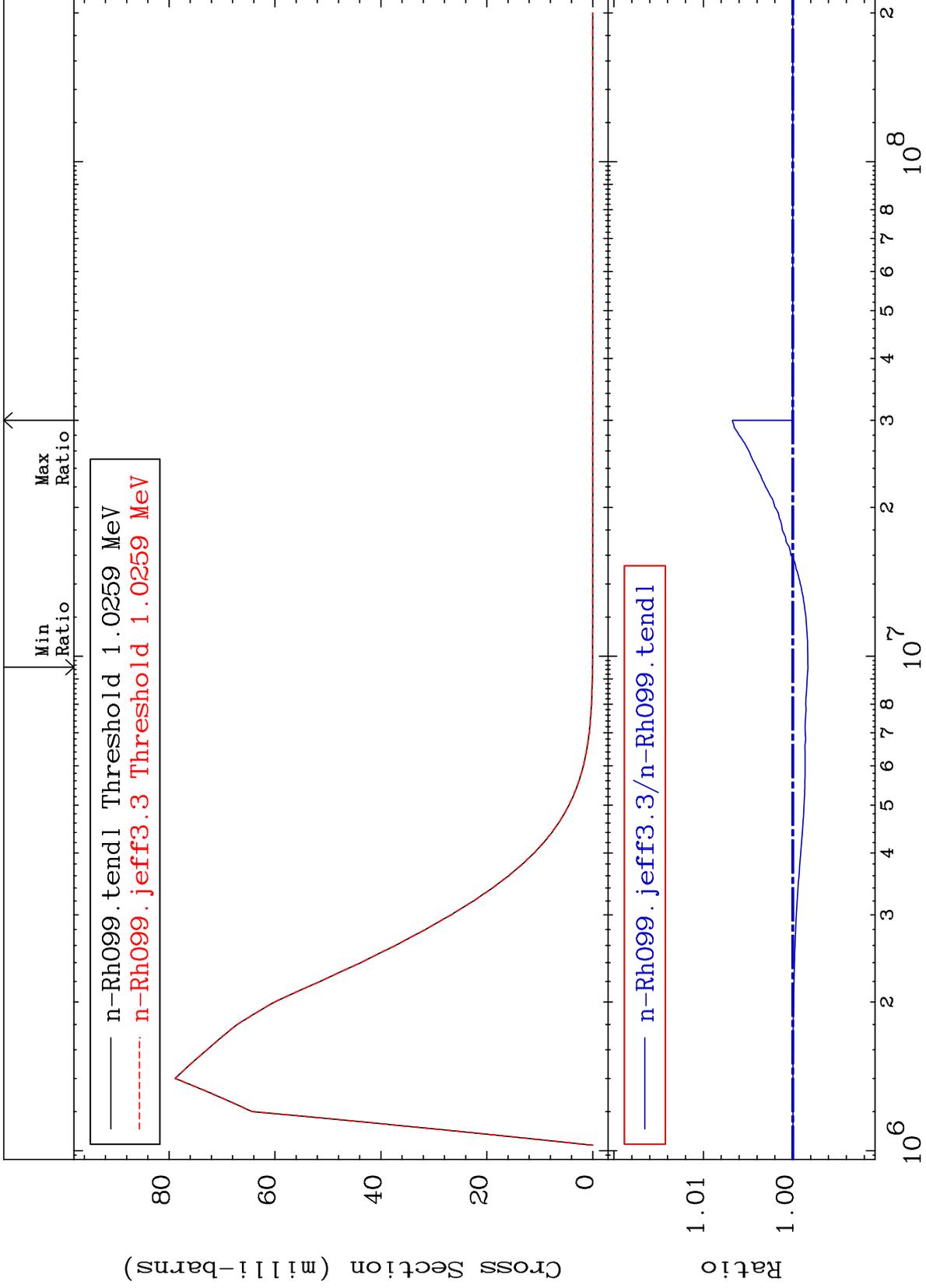
Incident Energy (eV)

45-Rh-99

MAT 4513

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

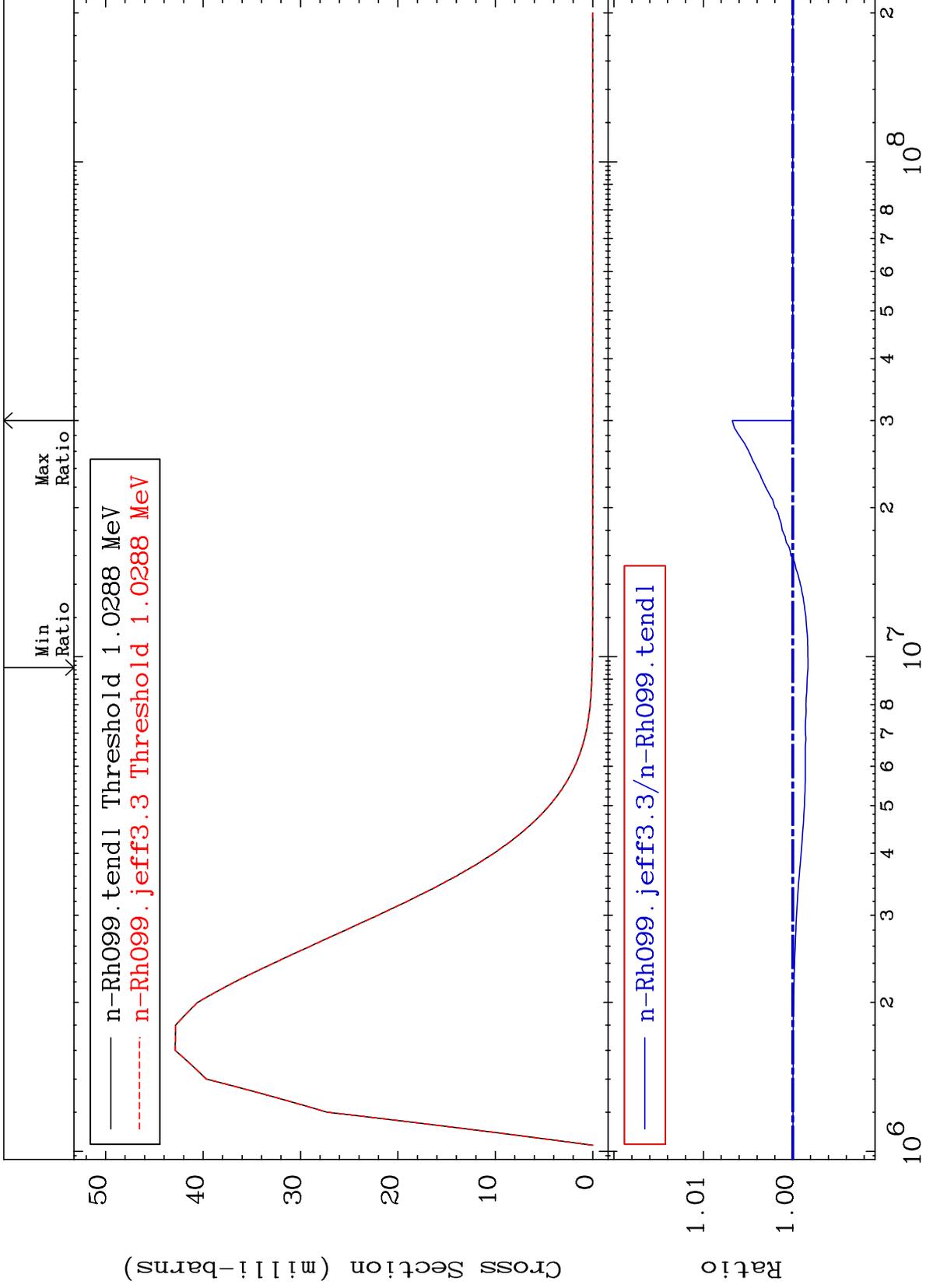
45-Rh-99
-0.169 To 0.676 %



MAT 4513

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

45-Rh-99
-0.171 To 0.677 %



29

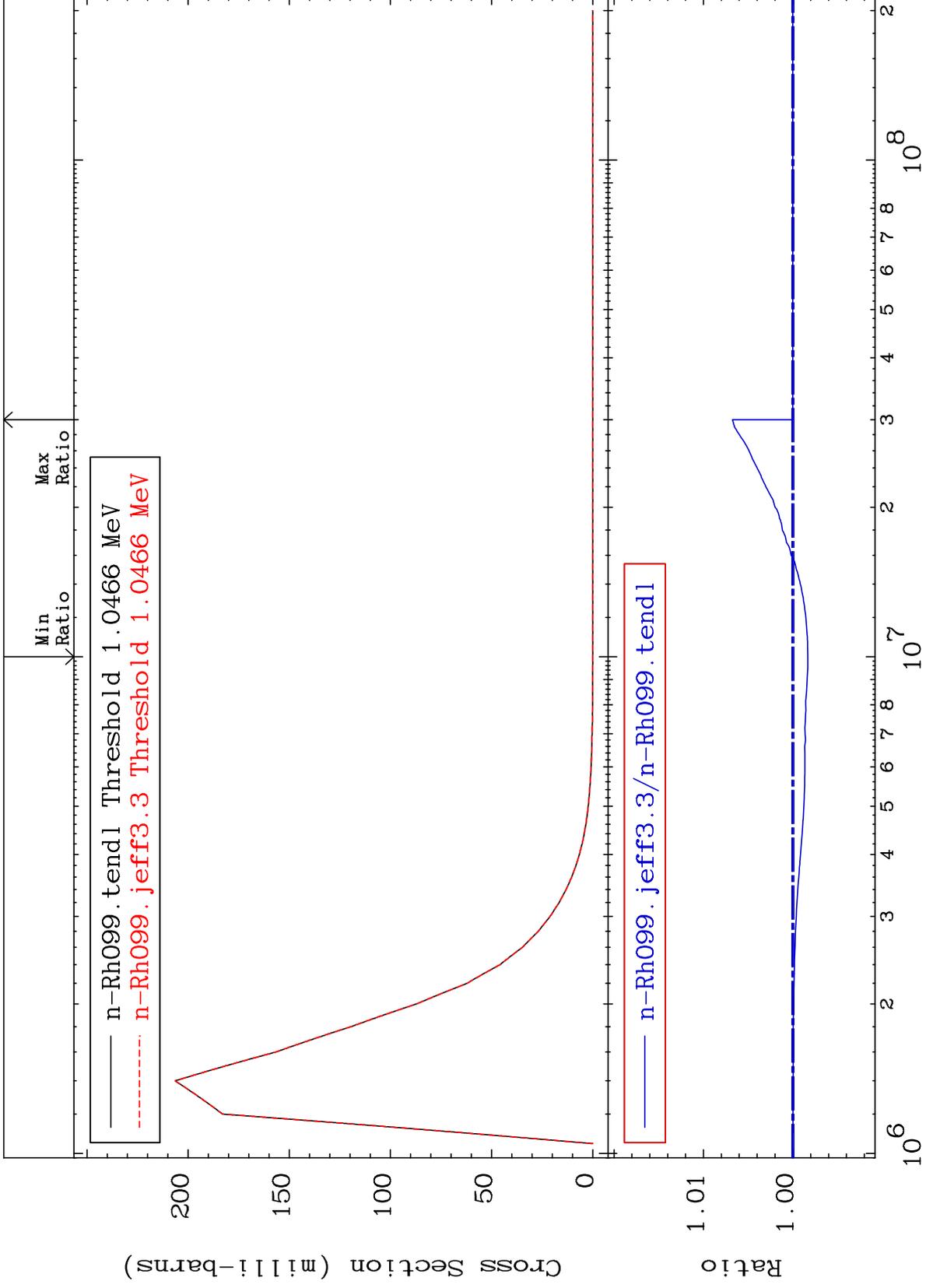
Incident Energy (eV)

45-Rh-99

MAT 4513

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

45-Rh-99
-0.168 To 0.675 %



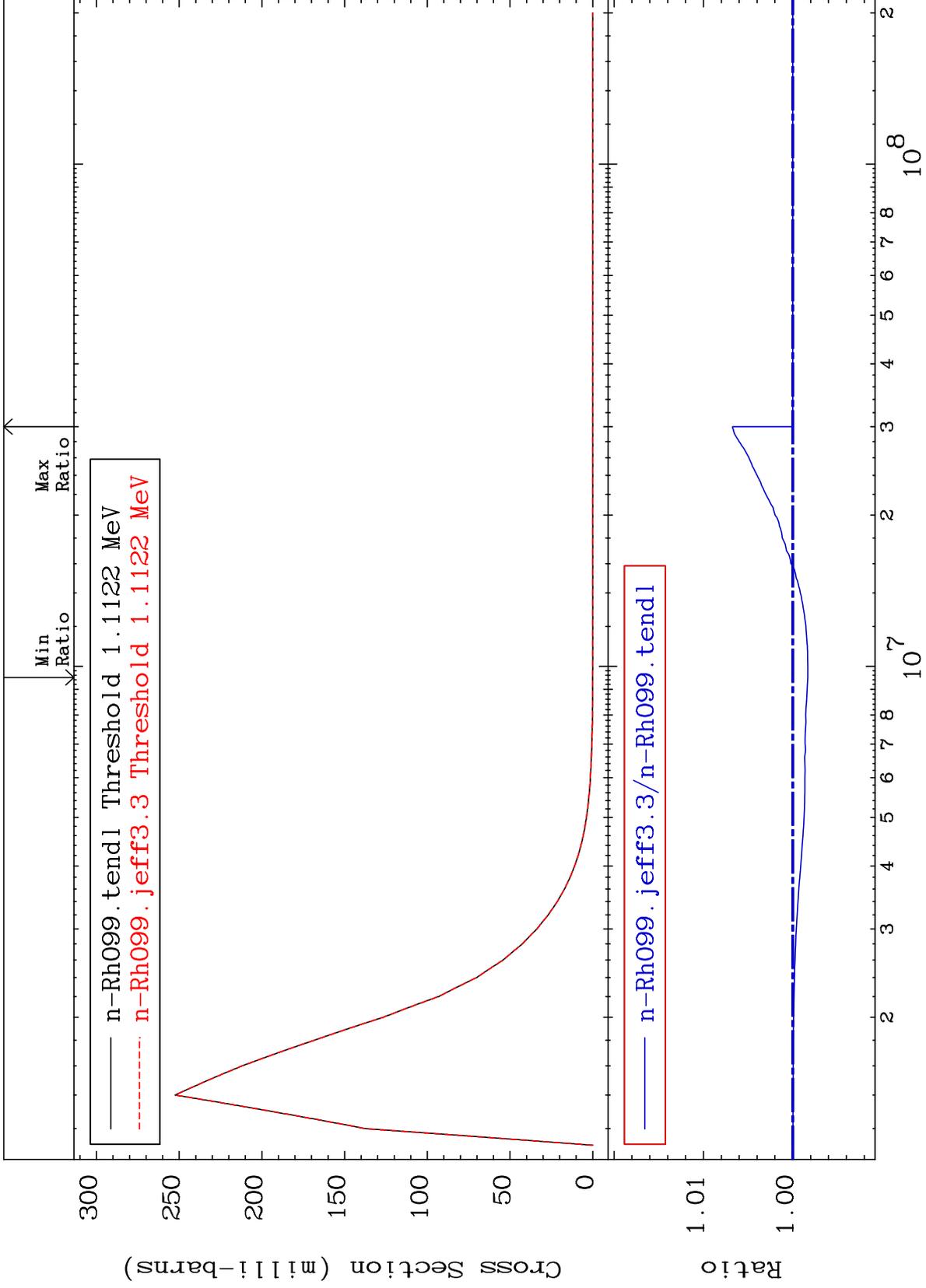
Incident Energy (eV)

45-Rh-99

MAT 4513

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

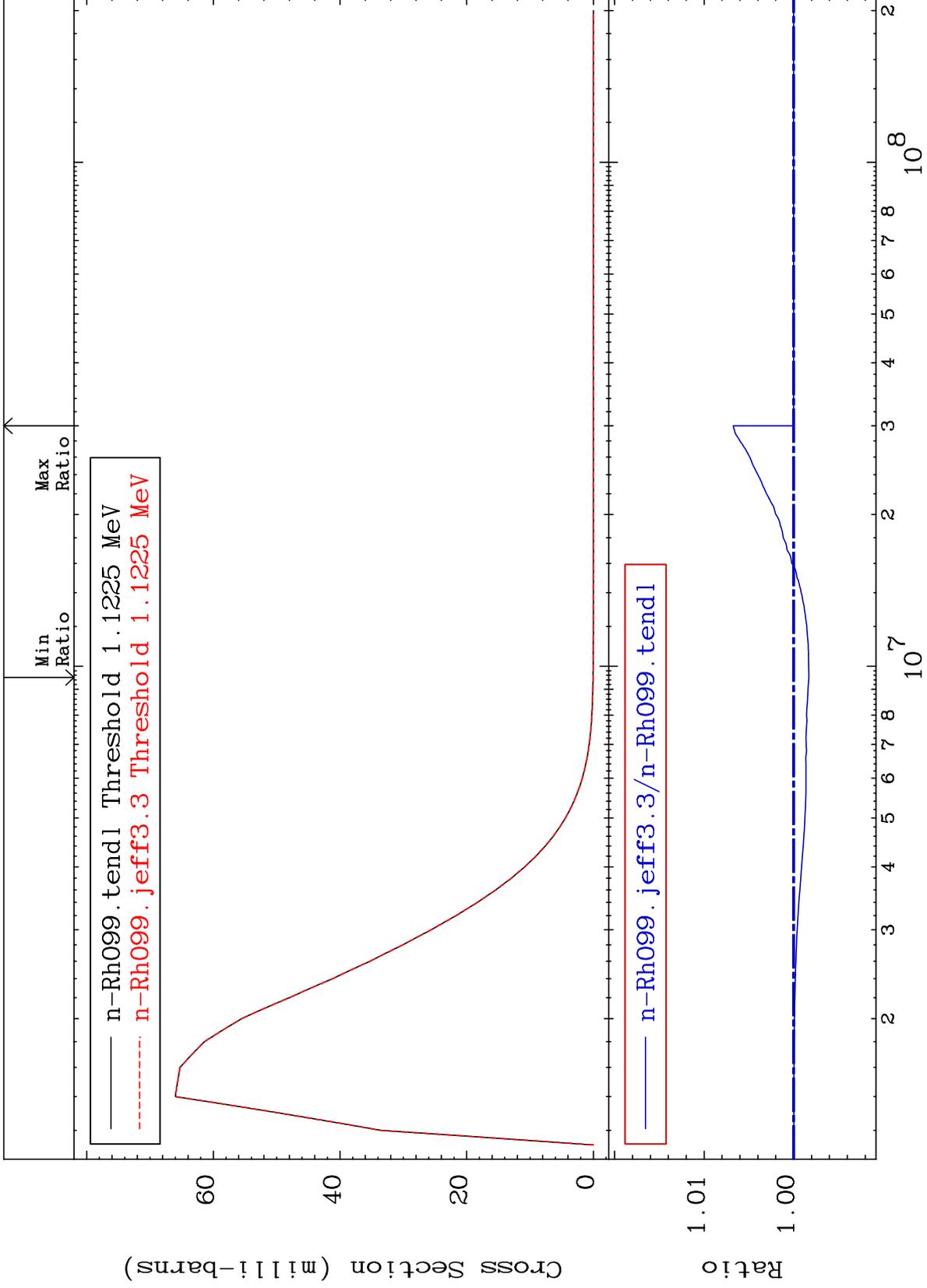
45-Rh-99
-0.168 To 0.675 %

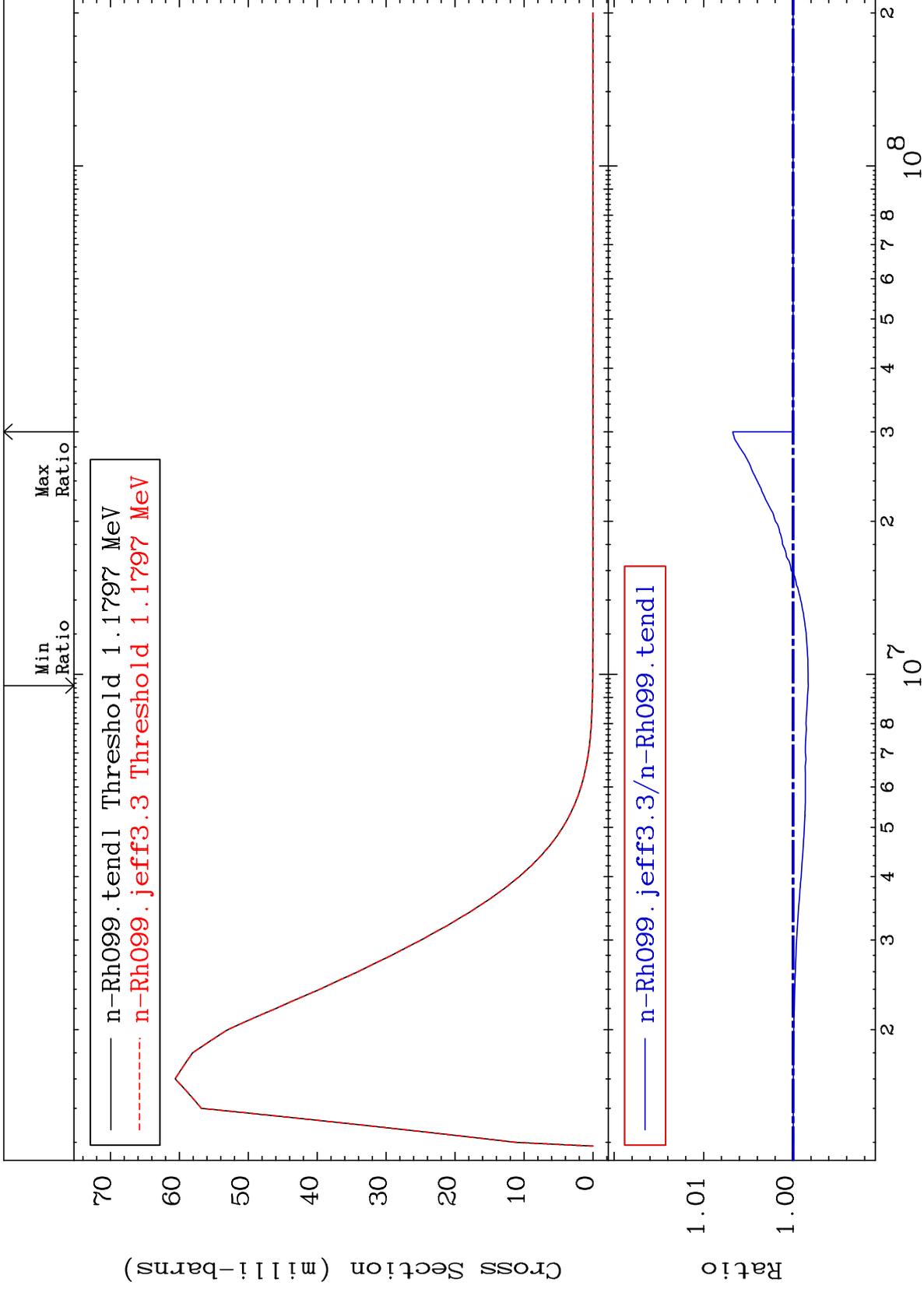


MAT 4513

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

45-Rh-99
-0.169 To 0.676 %

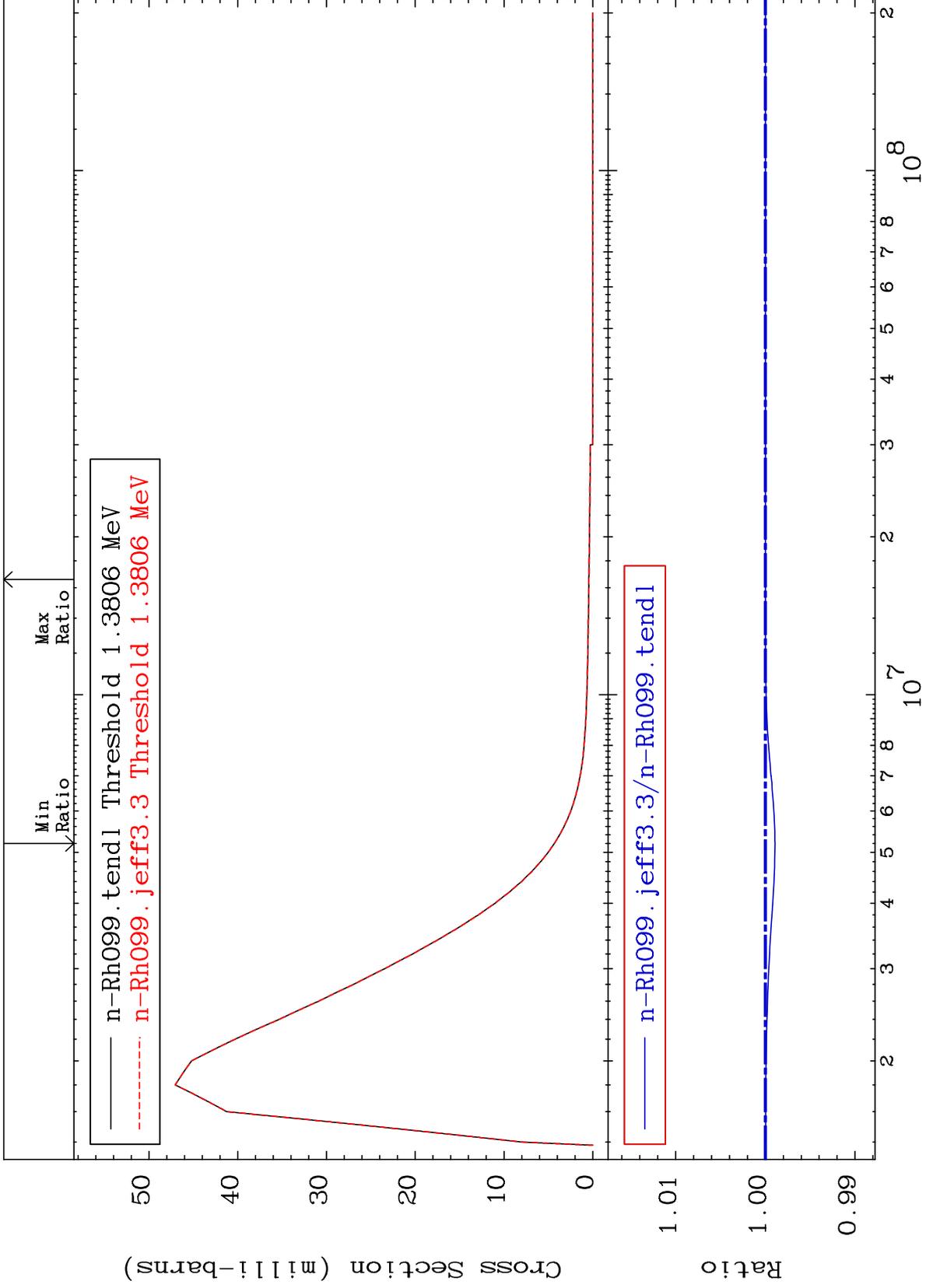




MAT 4513

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

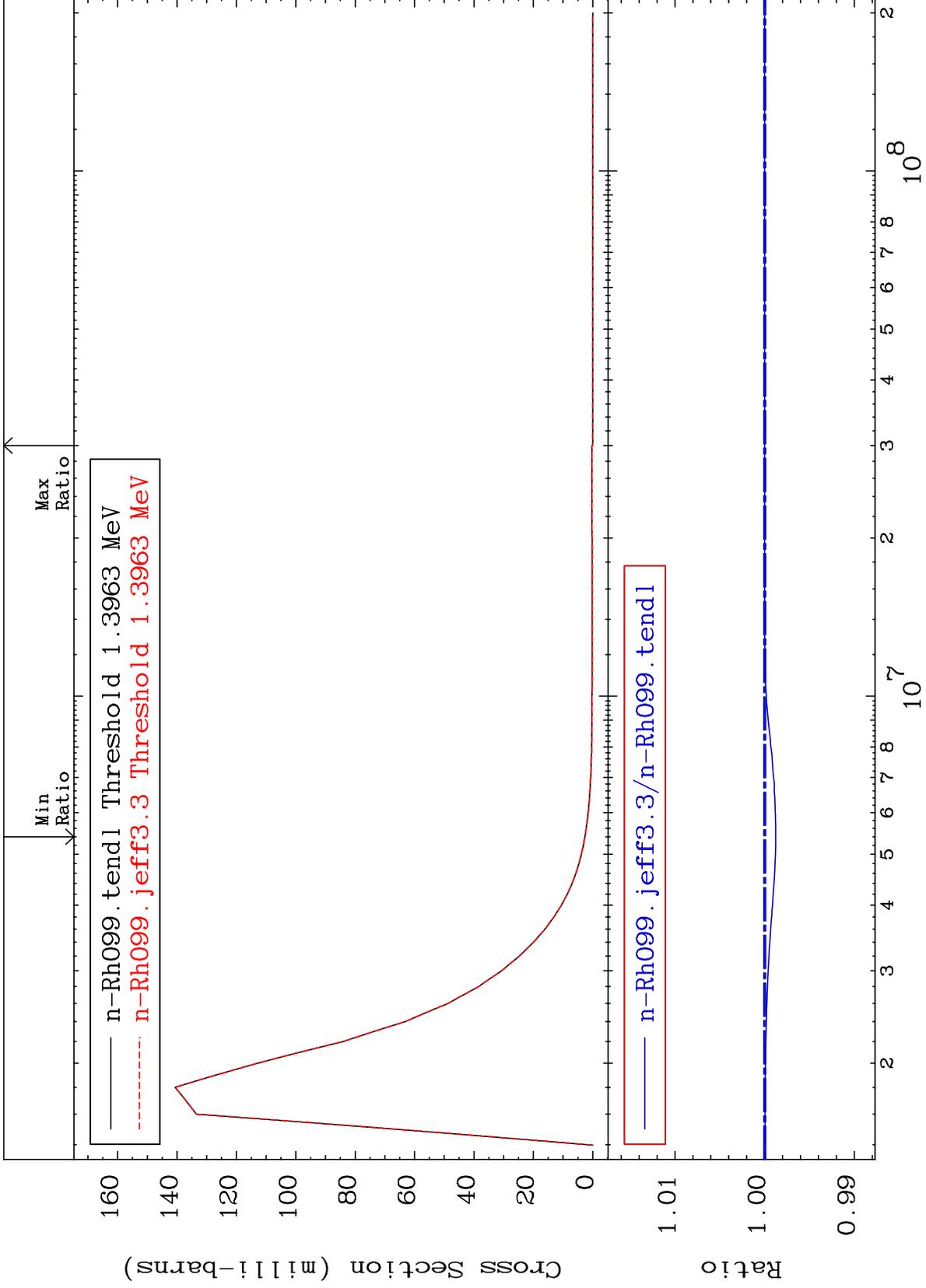
45-Rh-99
-0.107 To 0.000 %



MAT 4513

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

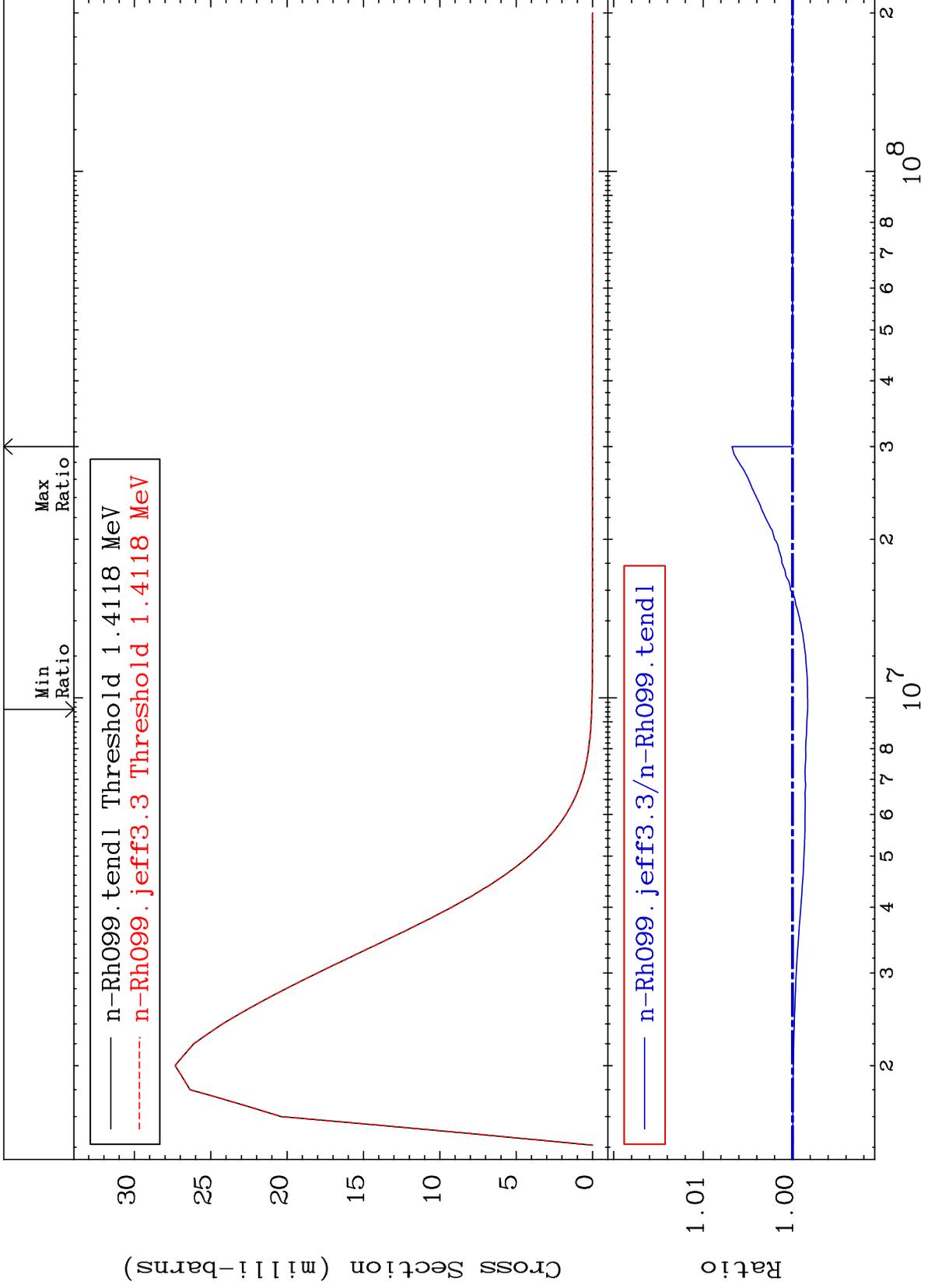
45-Rh-99
-0.123 To 0.000 %



MAT 4513

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

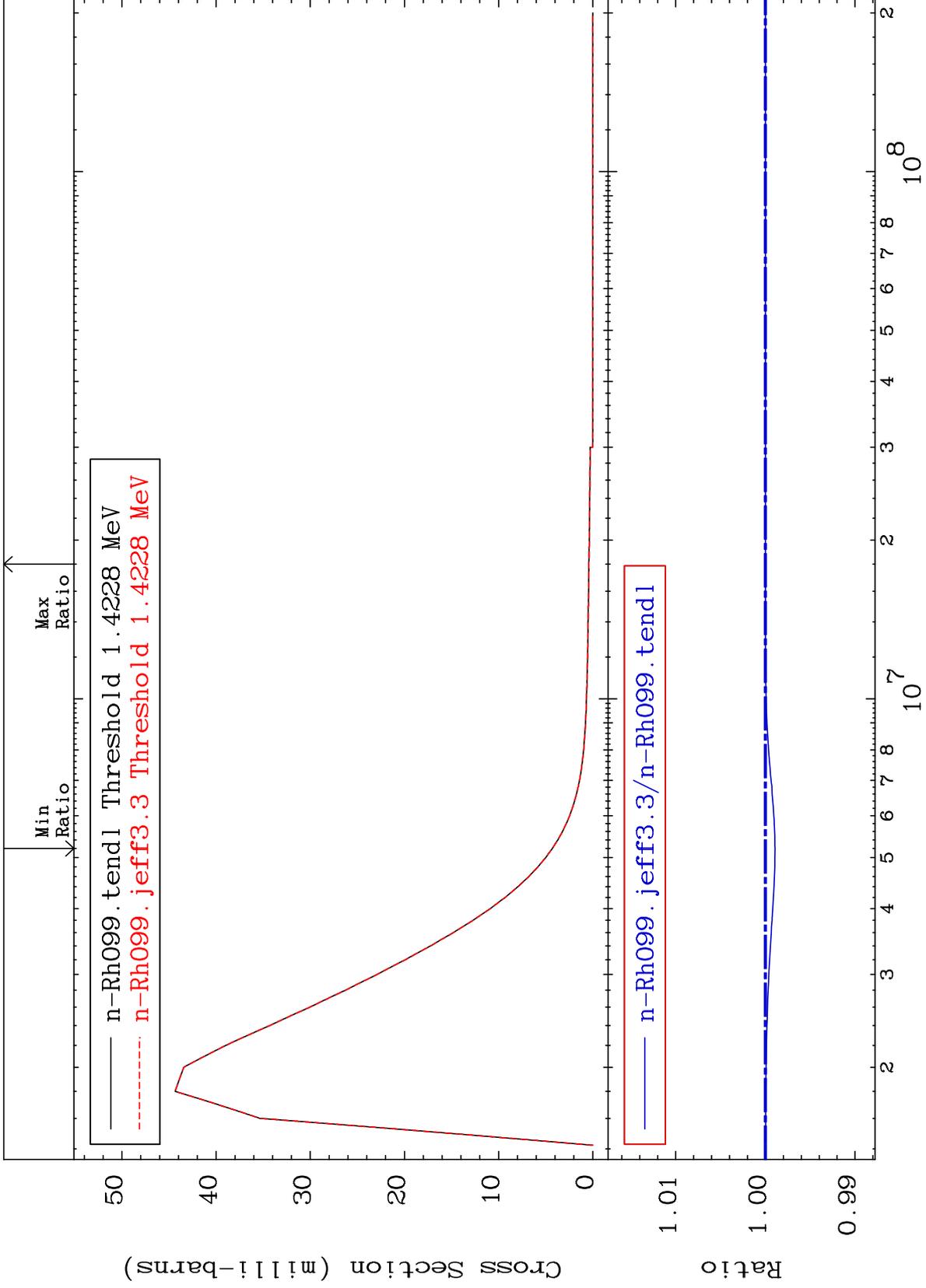
45-Rh-99
-0.171 To 0.677 %



MAT 4513

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

45-Rh-99
-0.107 To 0.000 %



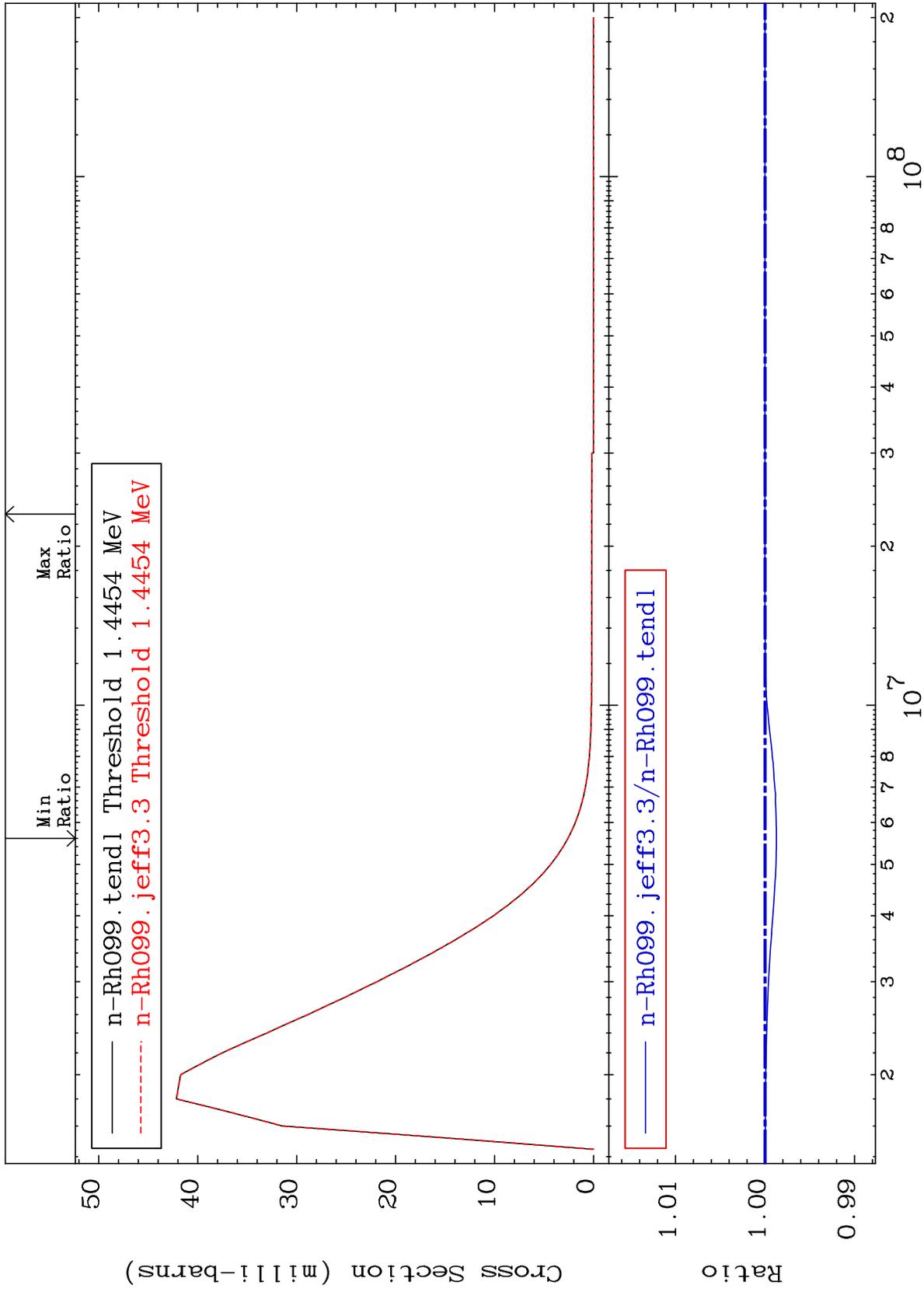
MAT 4513

MT= 70 (n, n') Level

45-Rh-99

-0.128 To 0.000 %

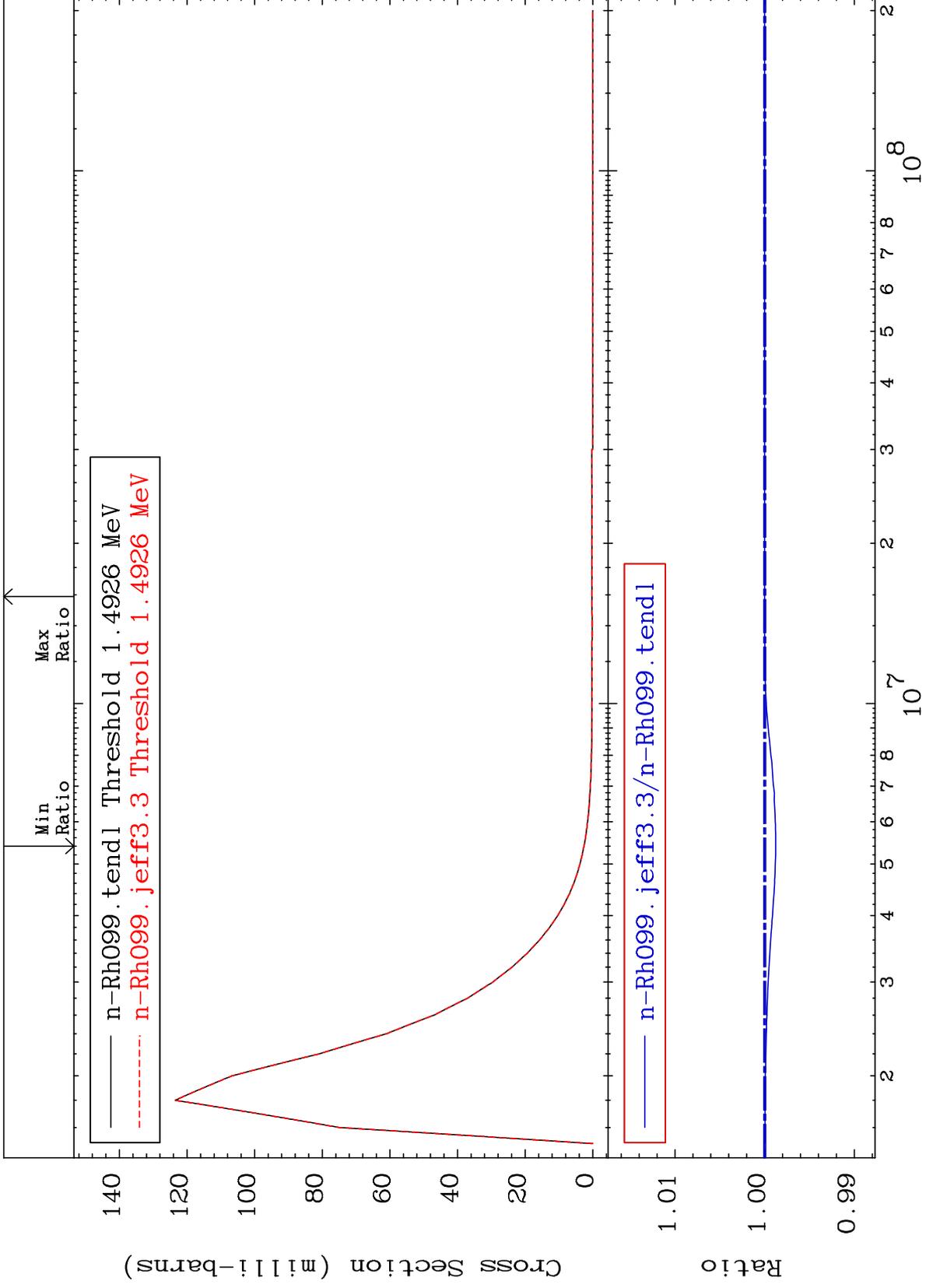
Cross Section



MAT 4513

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

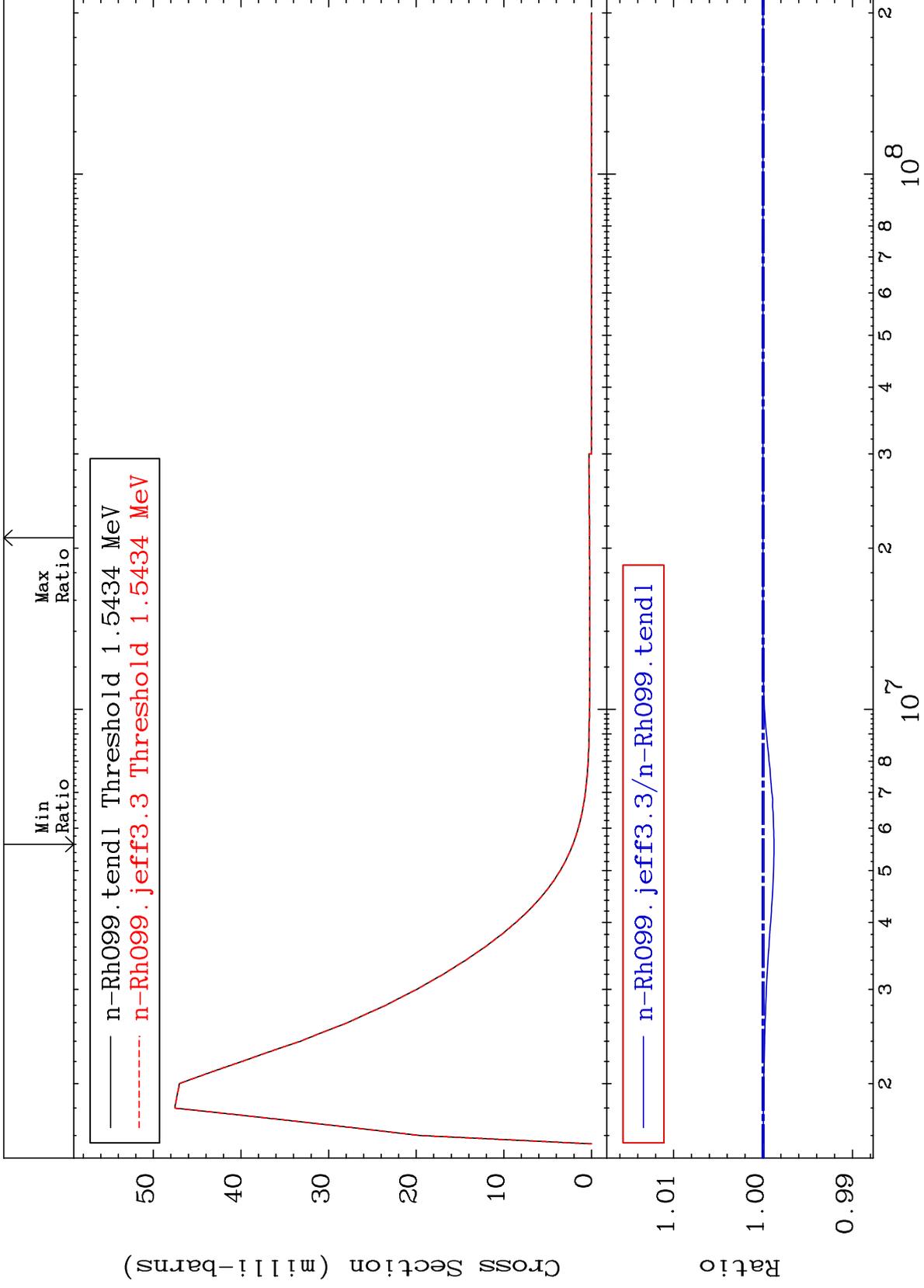
45-Rh-99
-0.123 To 0.000 %



MAT 4513

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

45-Rh-99
-0.122 To 0.000 %



40

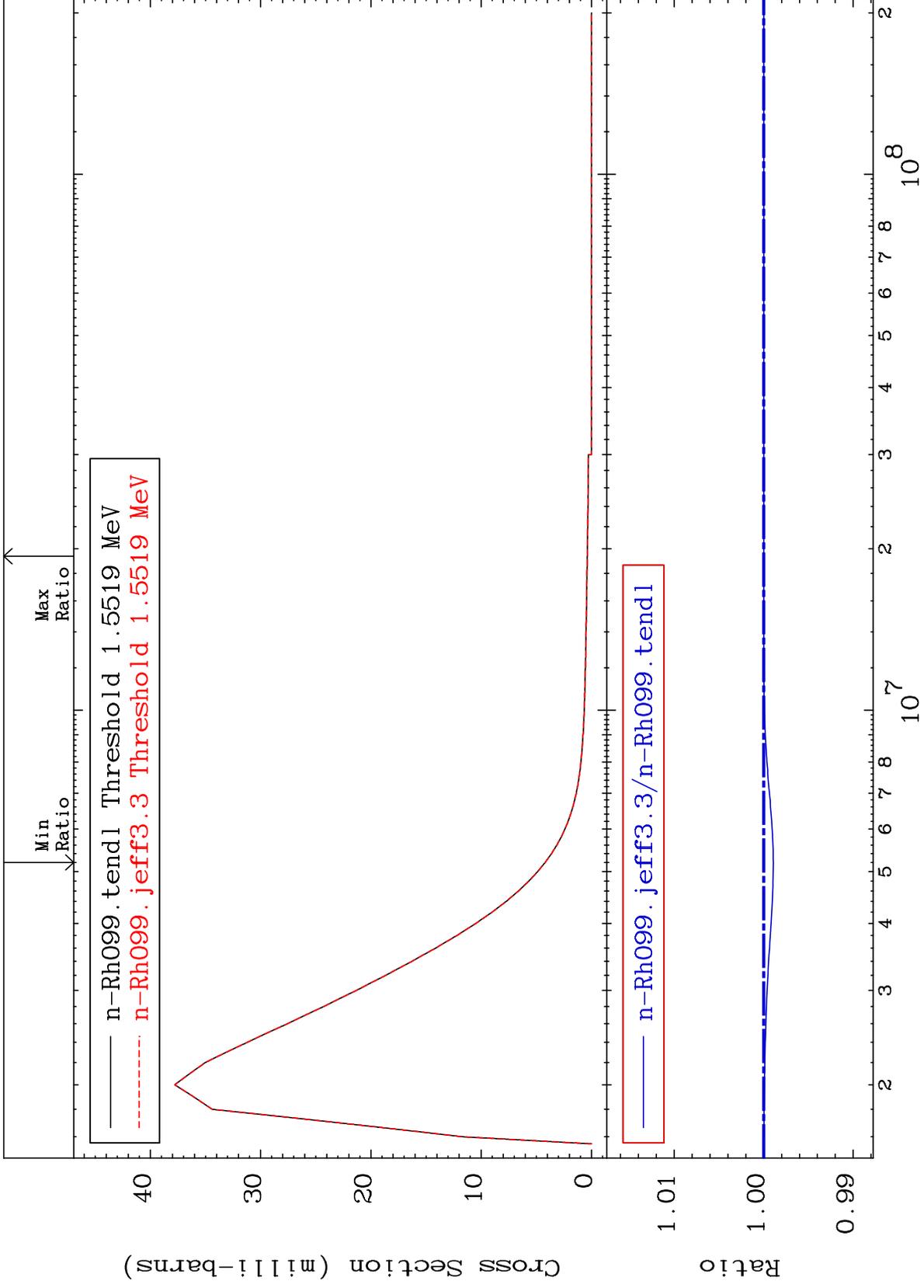
Incident Energy (eV)

45-Rh-99

MAT 4513

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

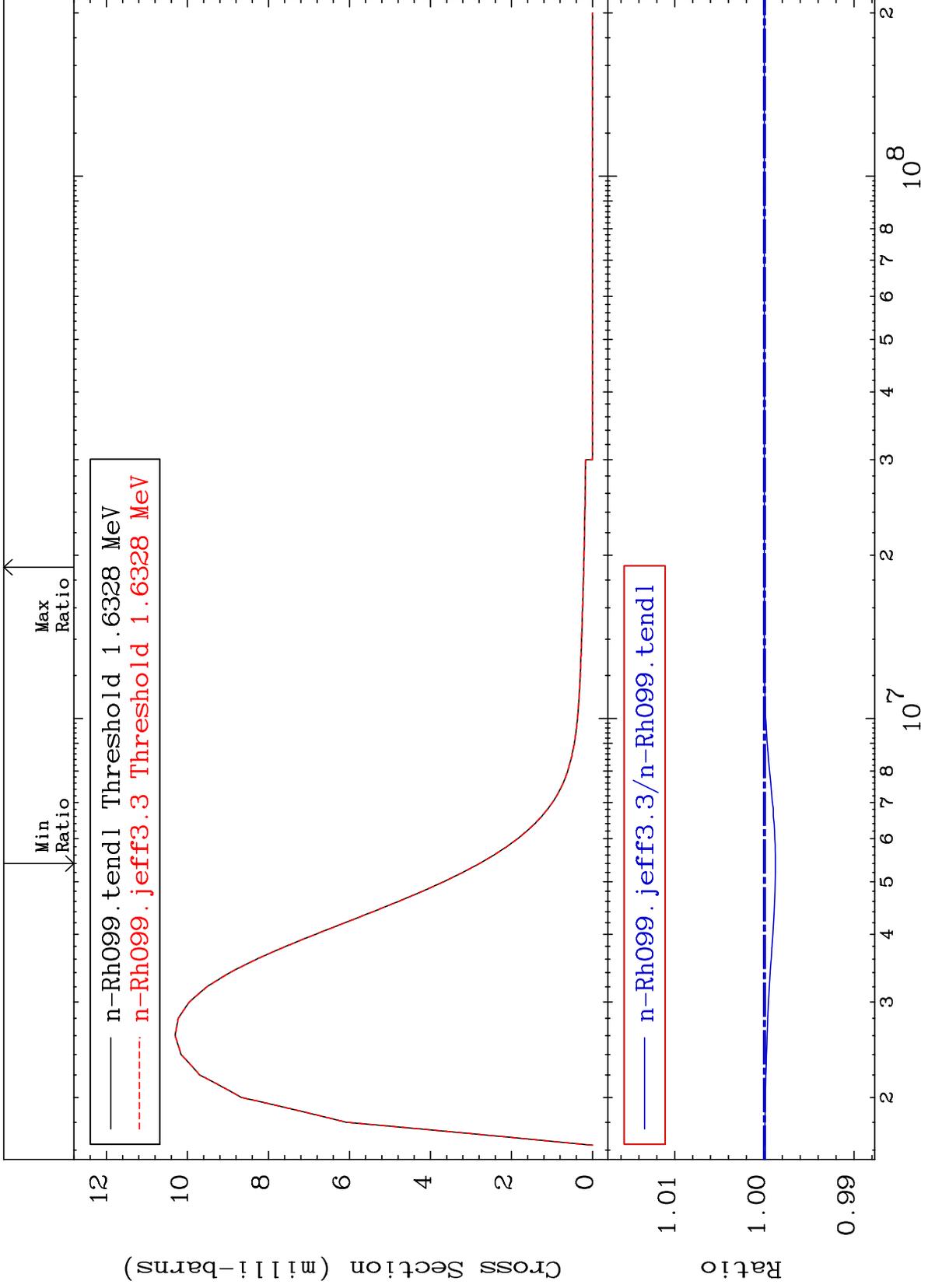
45-Rh-99
-0.107 To 0.000 %



MAT 4513

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

45-Rh-99
-0.123 To 0.000 %



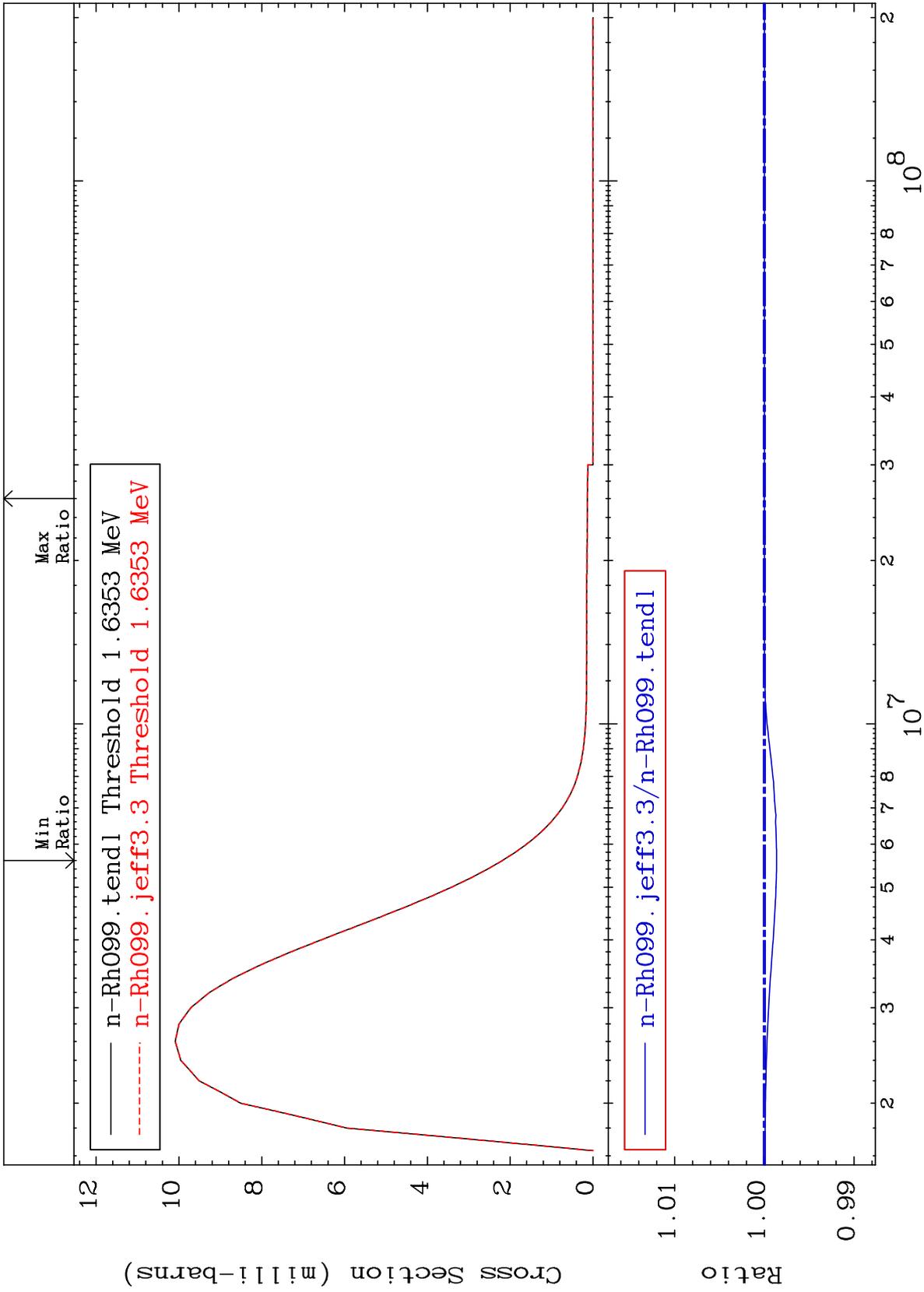
MAT 4513

MT= 75 (n,n') Level

45-Rh-99

-0.136 To 0.000 %

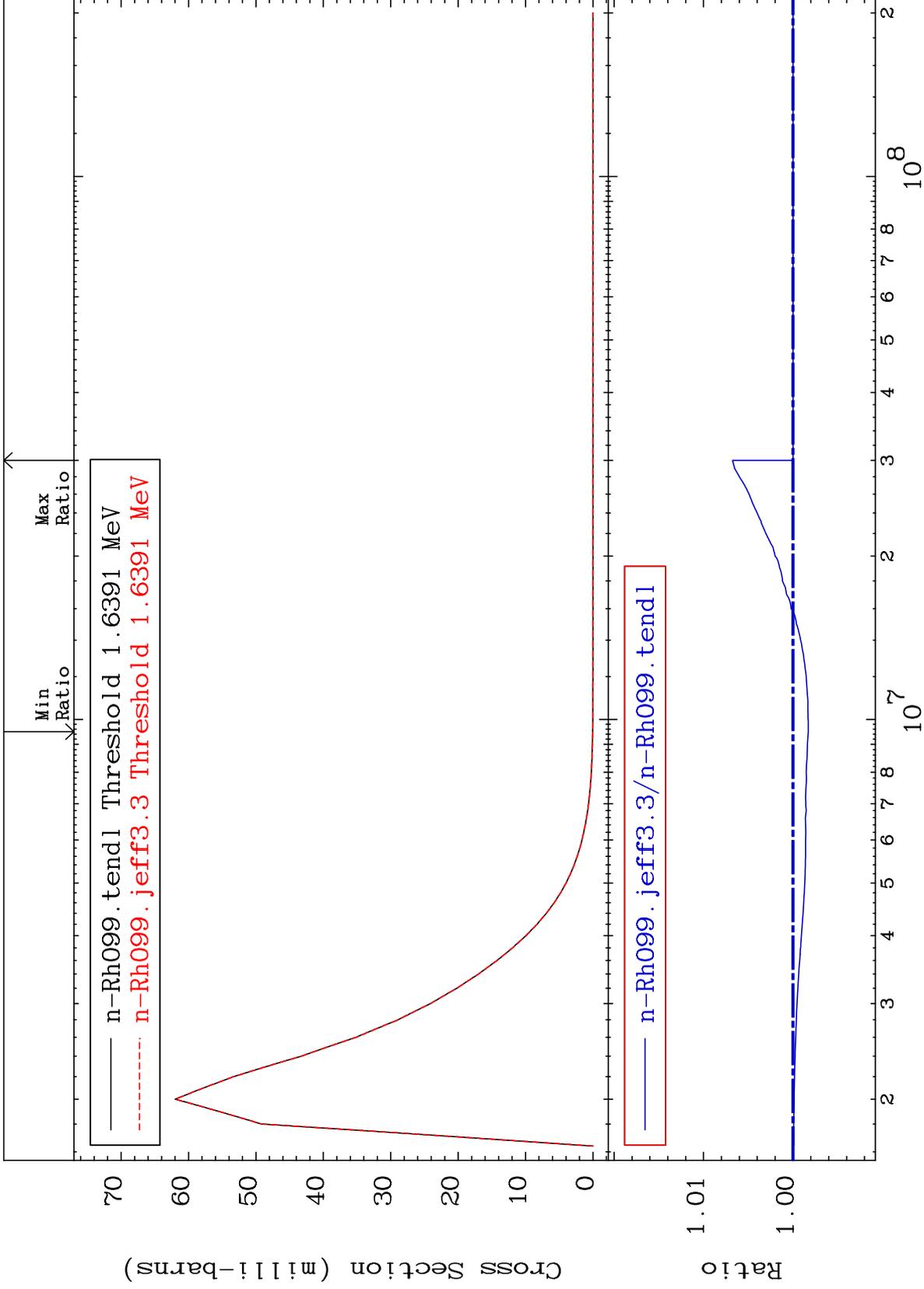
Cross Section



MAT 4513

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

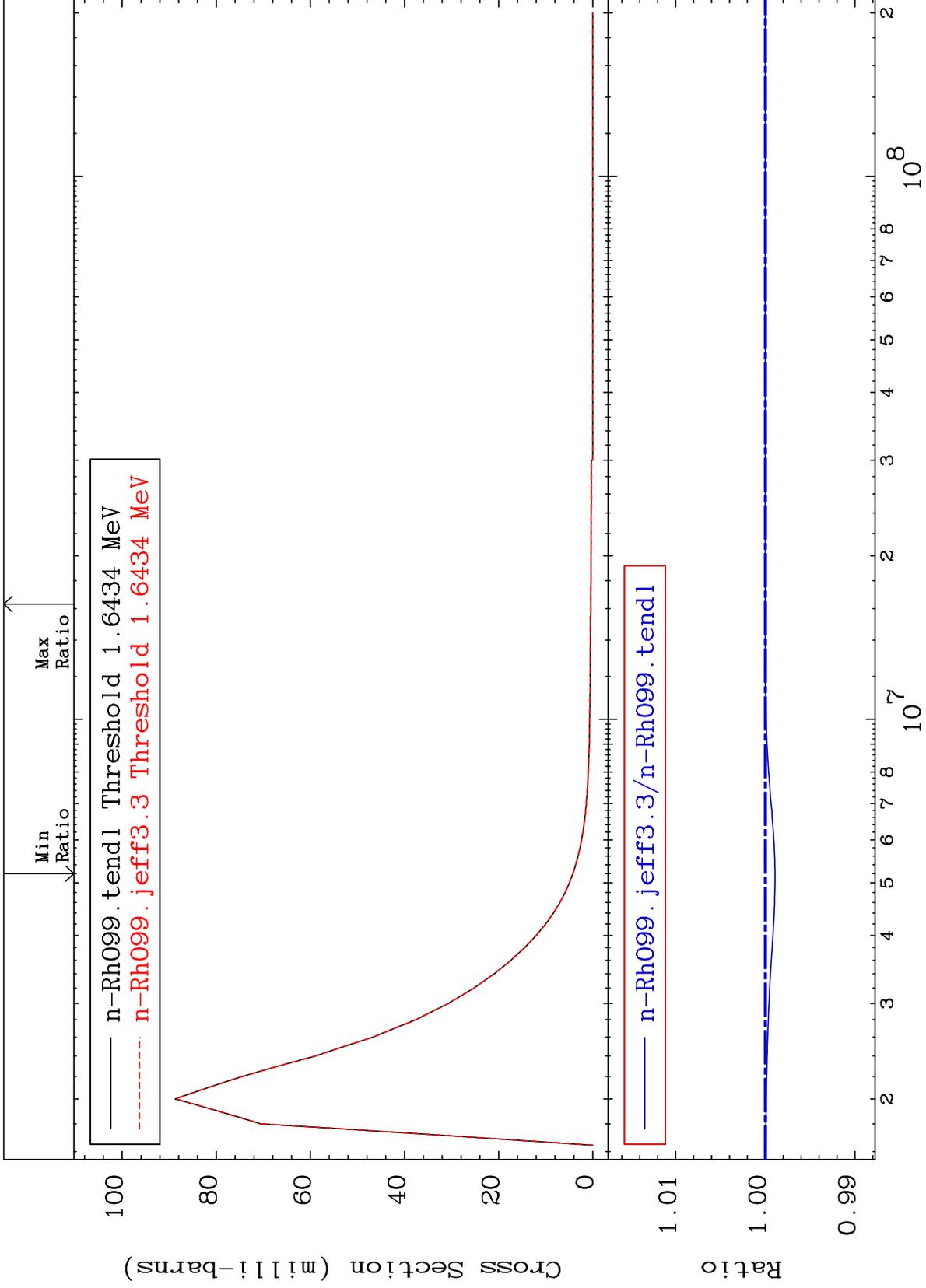
45-Rh-99
-0.172 To 0.676 %



MAT 4513

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

45-Rh-99
-0.108 To 0.000 %



45

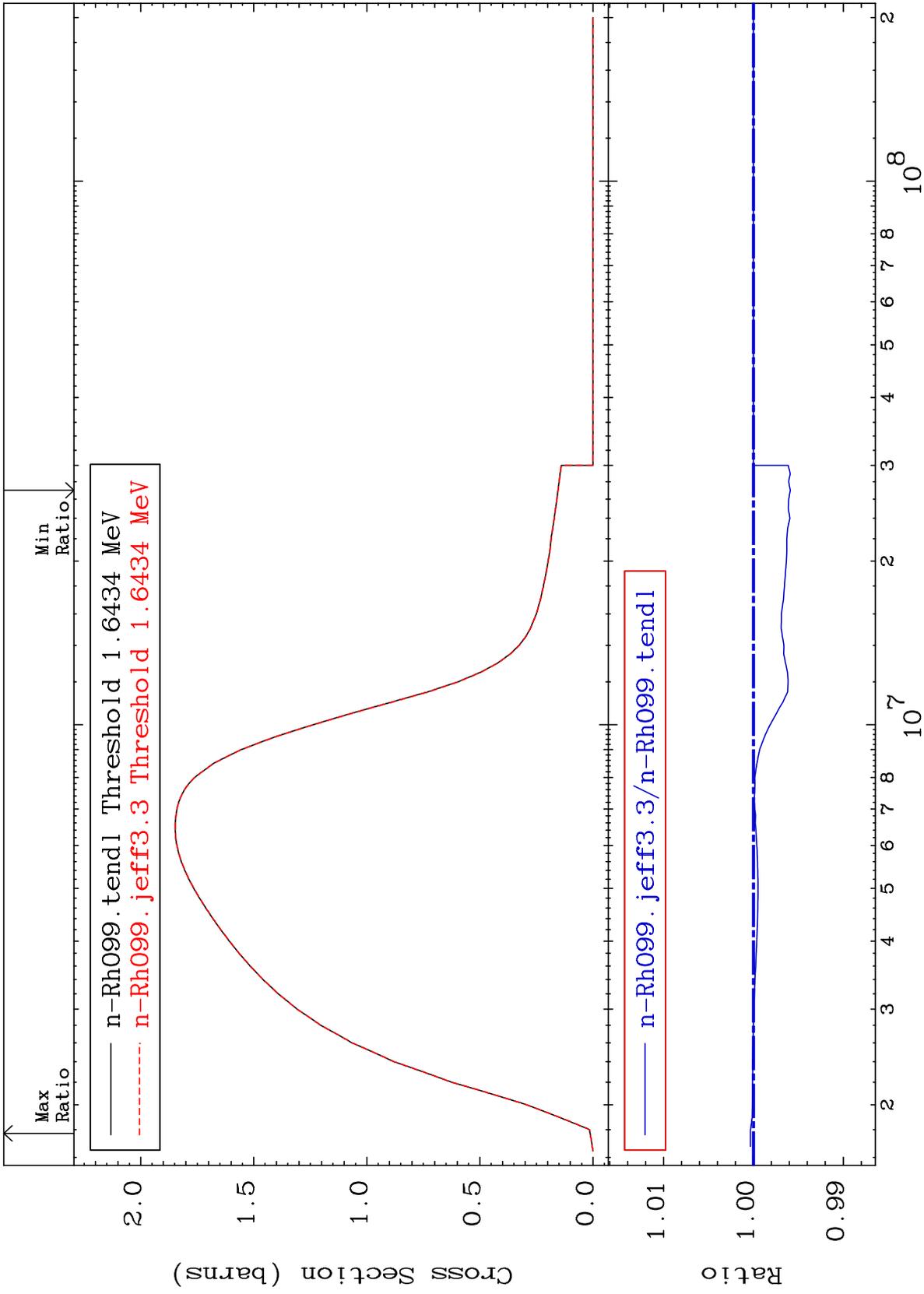
Incident Energy (eV)

45-Rh-99

MAT 4513

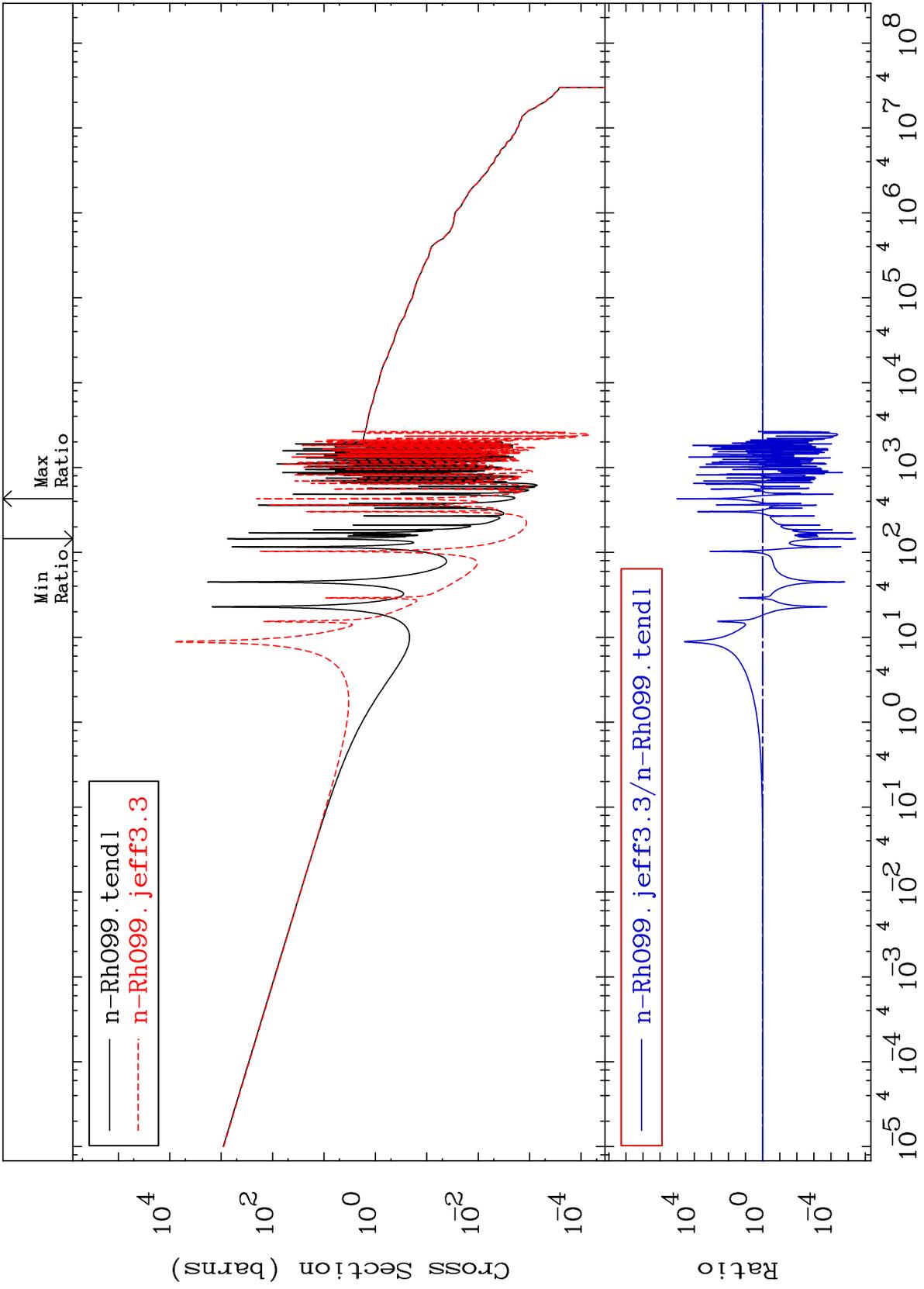
(n, n') Continuum
Cross Section

45-Rh-99
-0.410 To 0.032 %



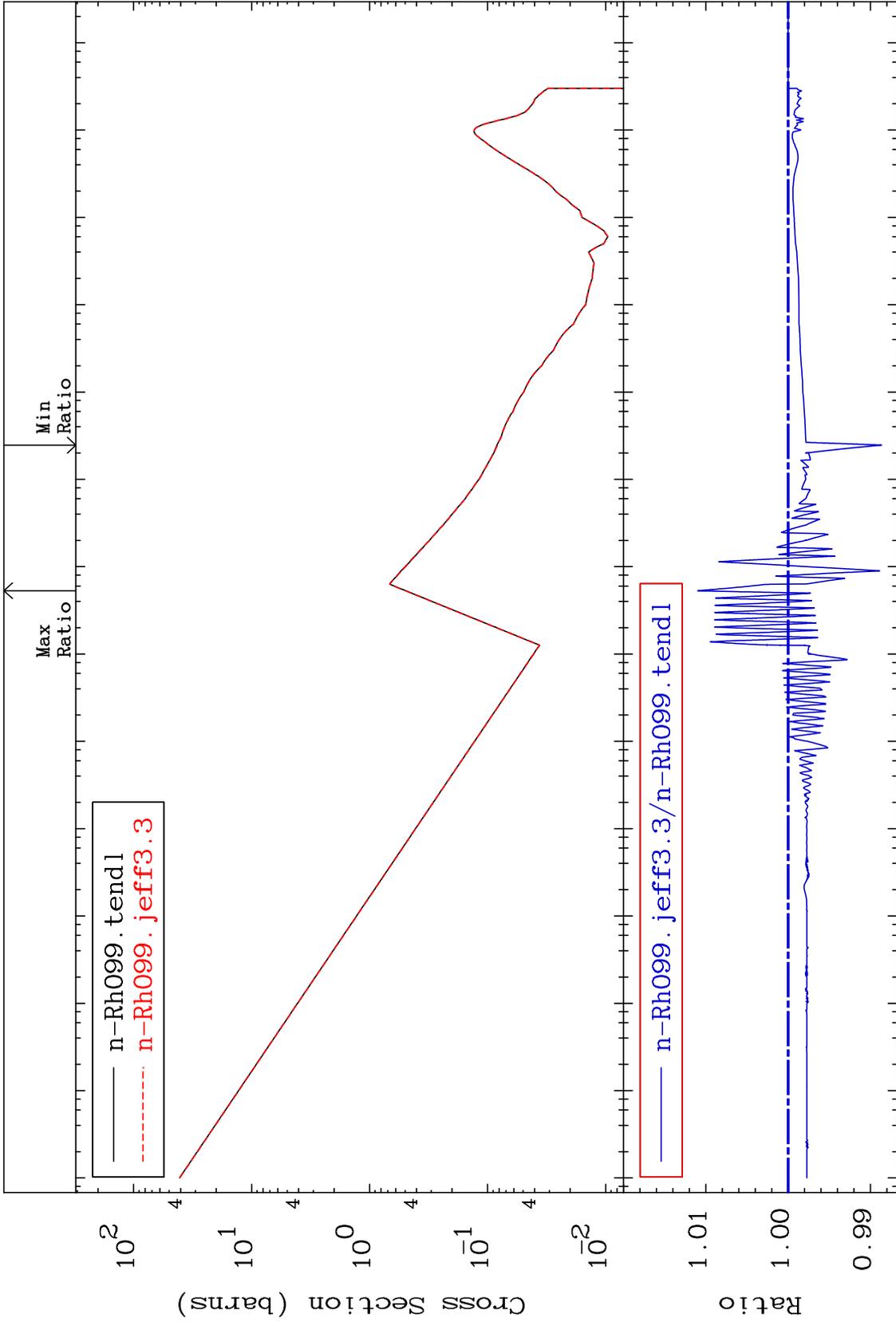
MAT 4513

(n, γ)
Cross Section
45-Rh-99
-100.0 To 9999. %

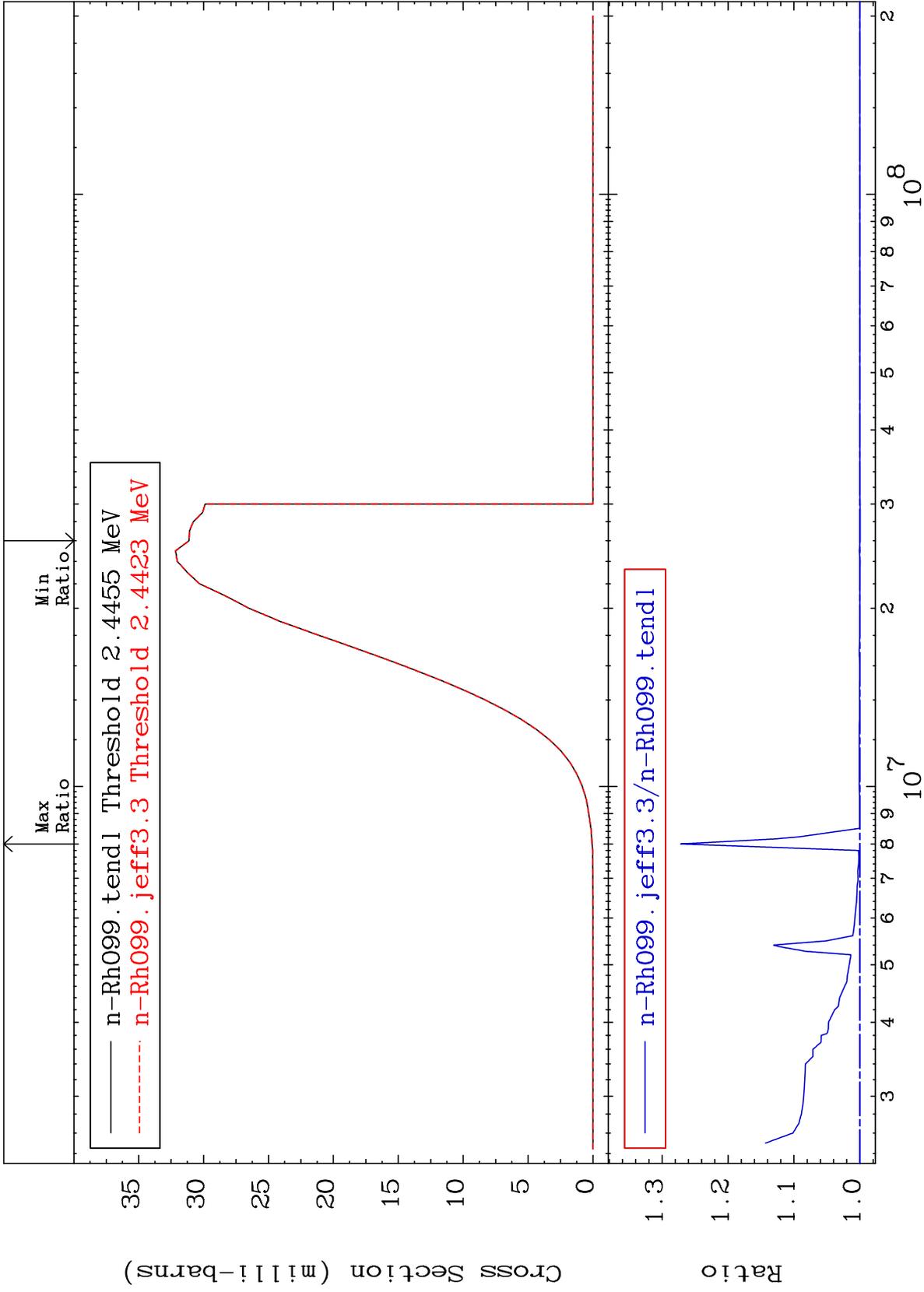


Cross Section

-1.135 To 1.098 %



(n, d)
Cross Section
-0.021 To 27.17 %



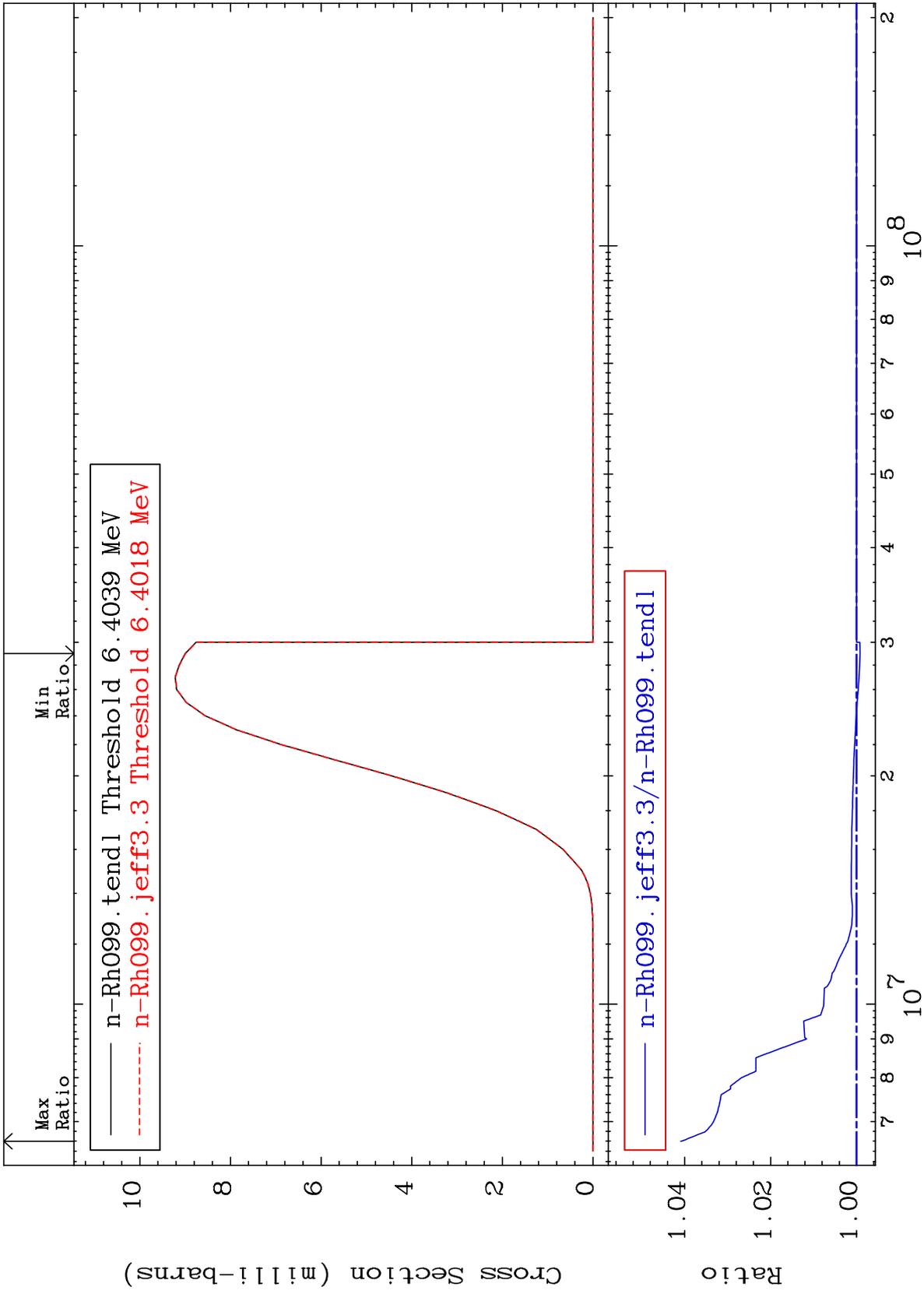
MAT 4513

(n, t)

45-Rh-99

Cross Section

-0.083 To 4.092 %



50

Incident Energy (eV)

45-Rh-99

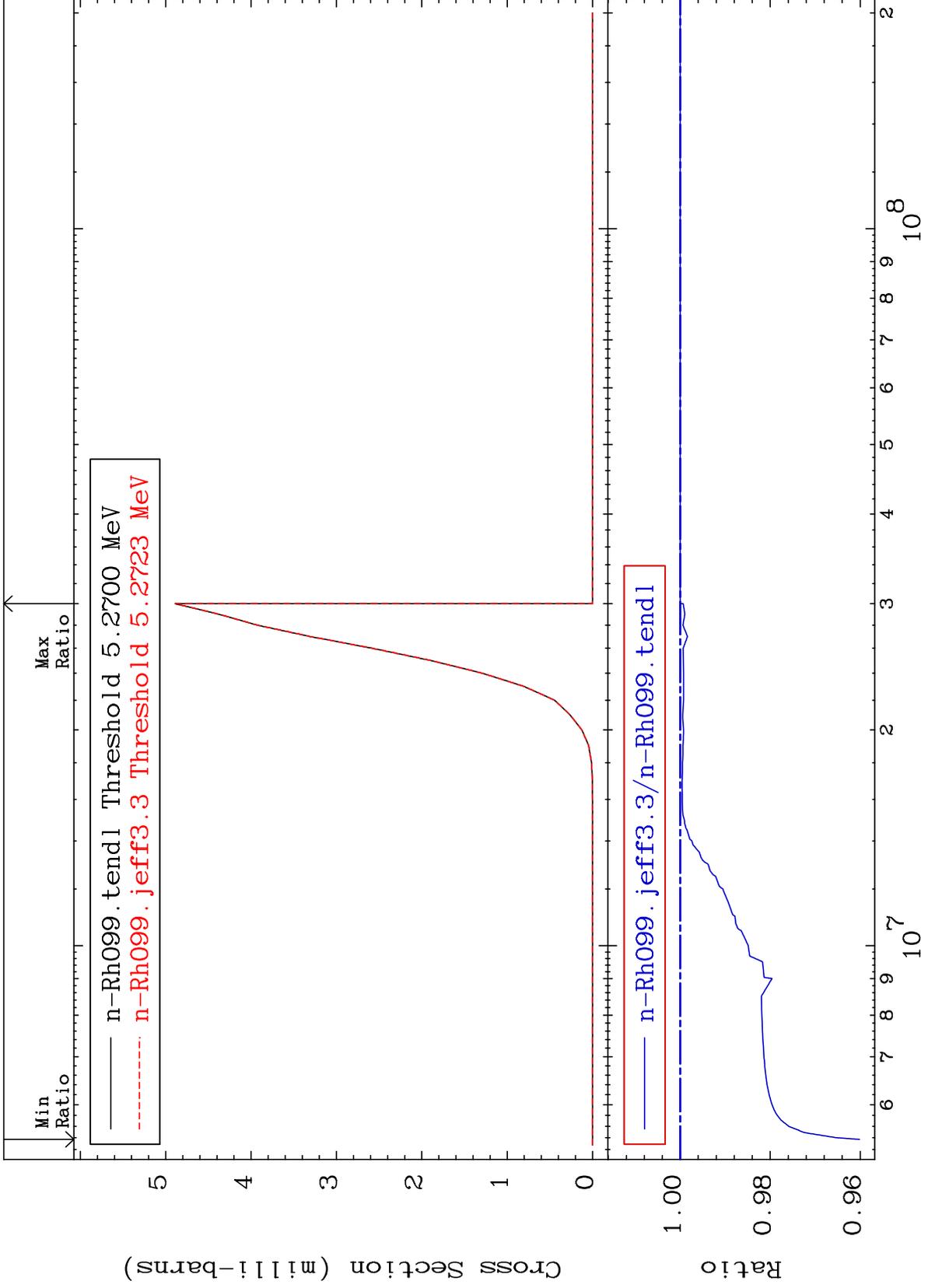
MAT 4513

(n, He-3)

45-Rh-99

Cross Section

-3.984 To 0.000 %



51

45-Rh-99

45-Rh-99

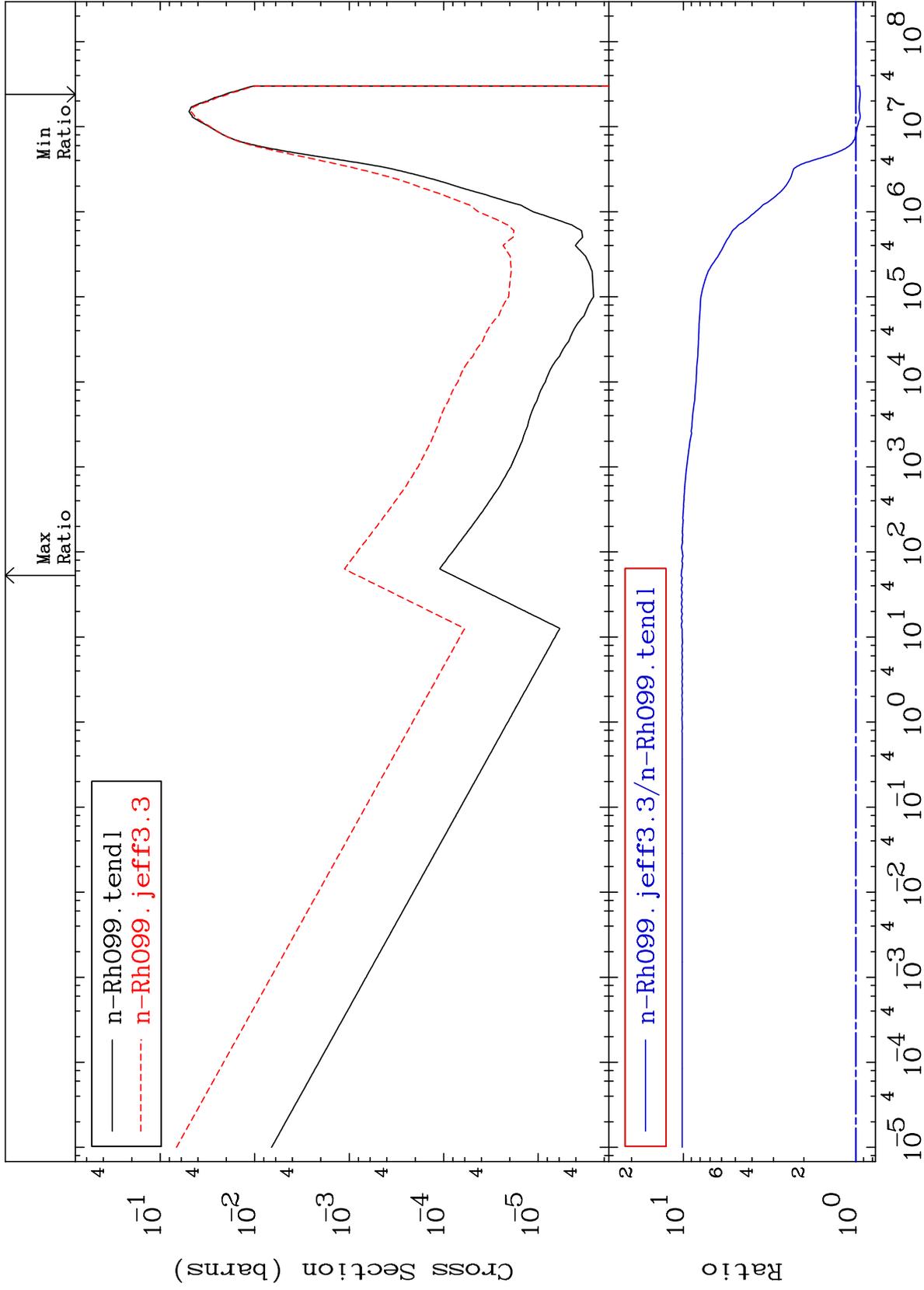
MAT 4513

(n, α)

45-Rh-99

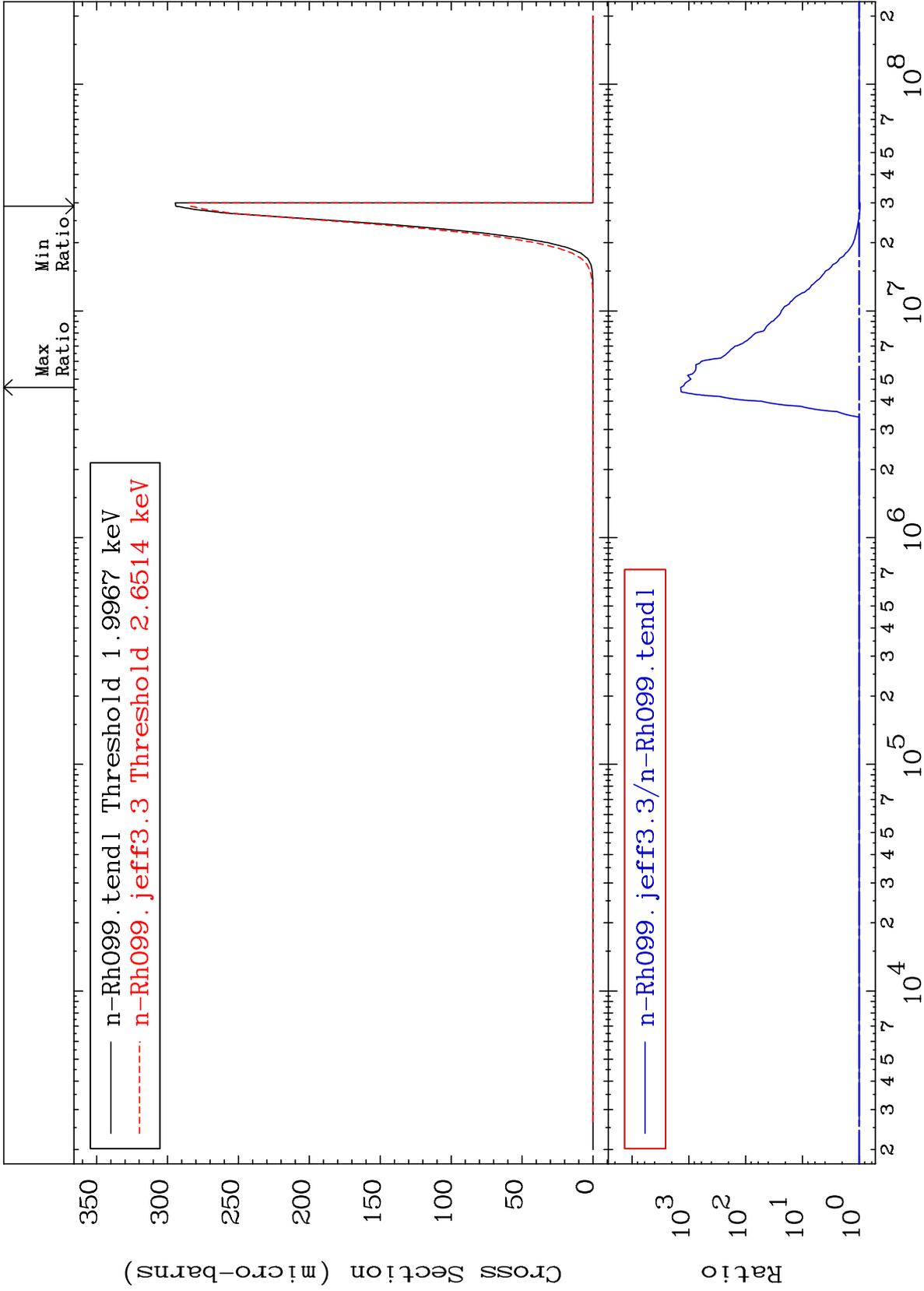
Cross Section

-5.813 To 929.7 %



Cross Section

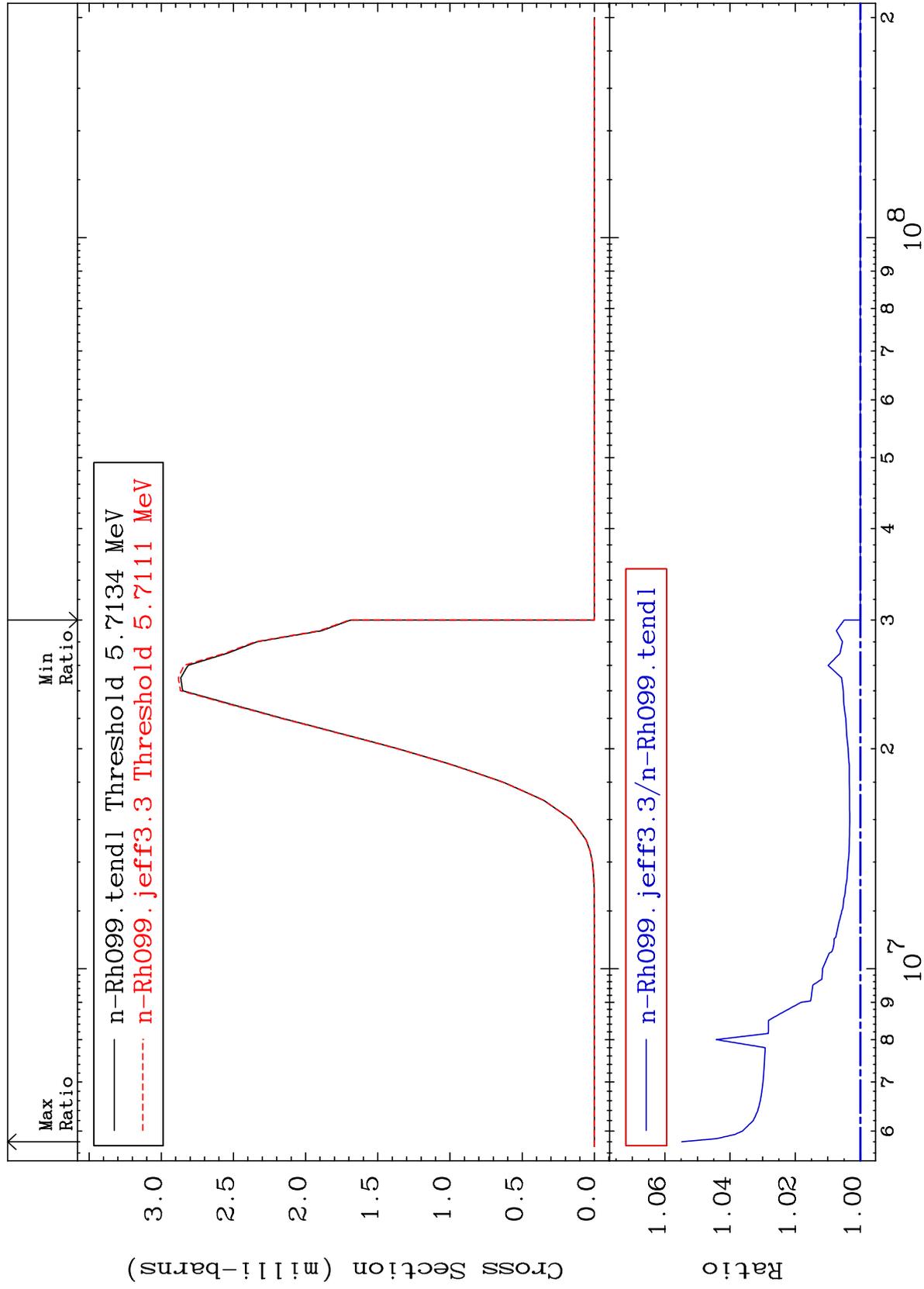
-3.456 To 9999. %



MAT 4513

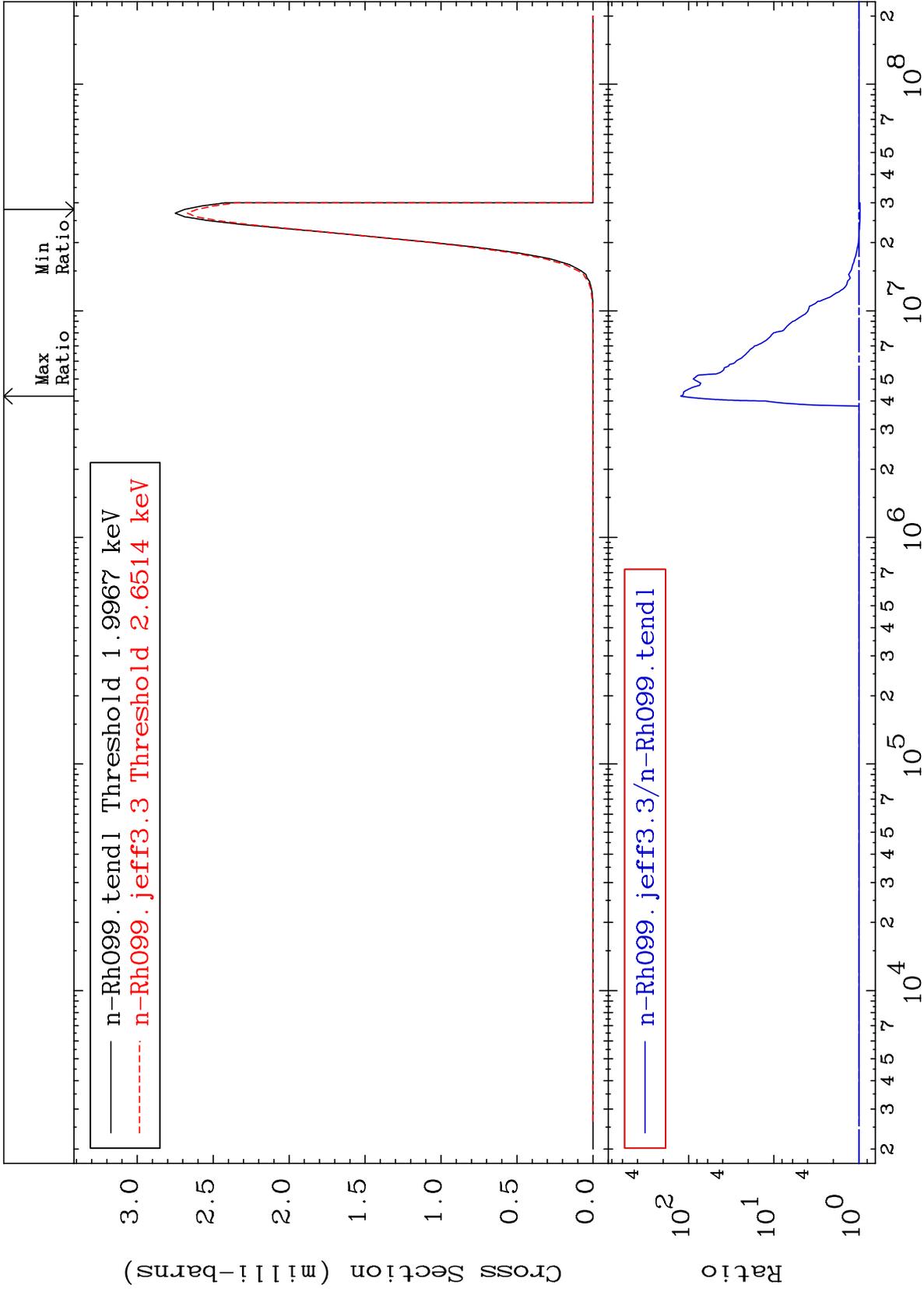
45-Rh-99

Cross Section To 5.481 %



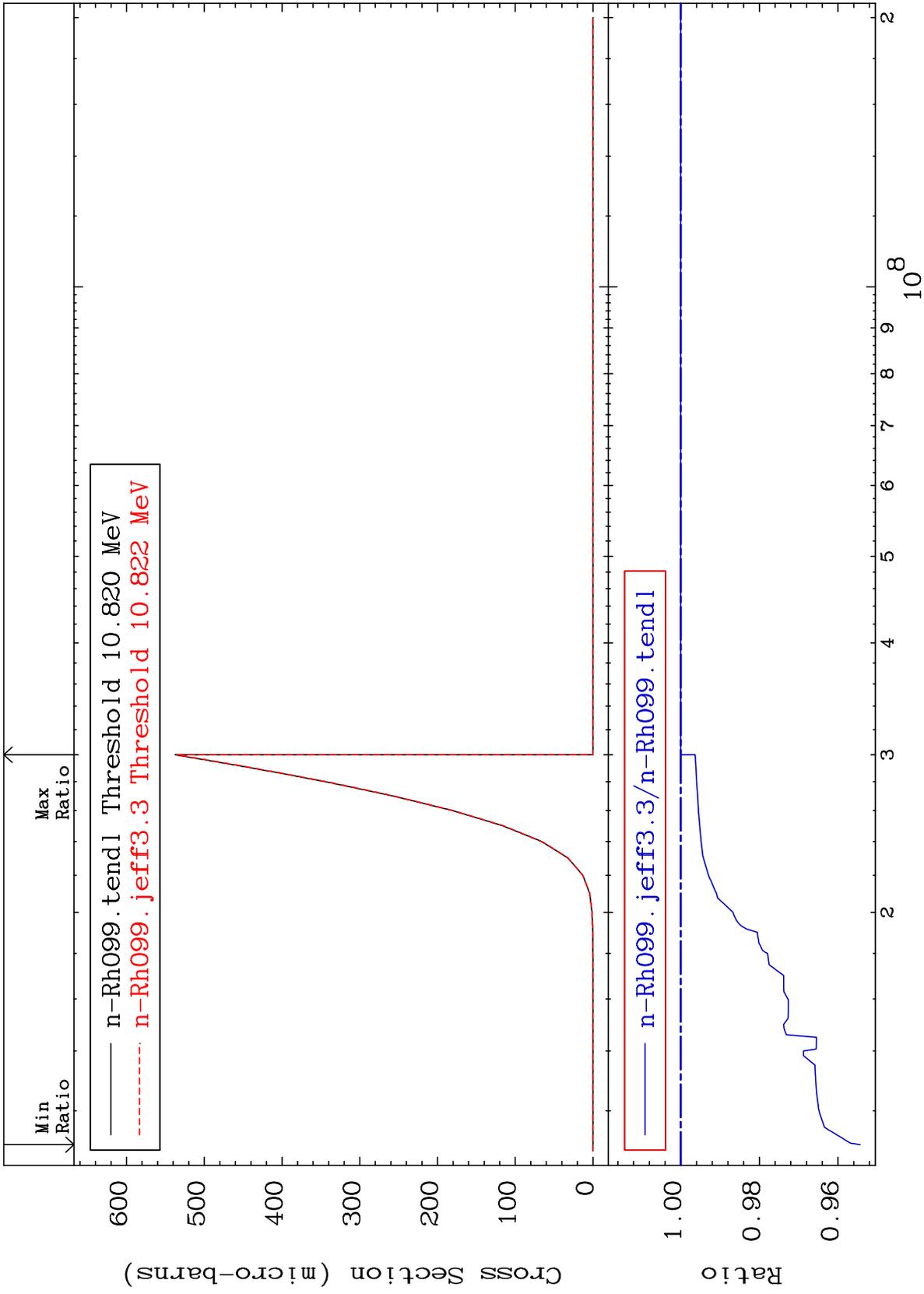
Cross Section

-3.008 To 9999. %



Cross Section

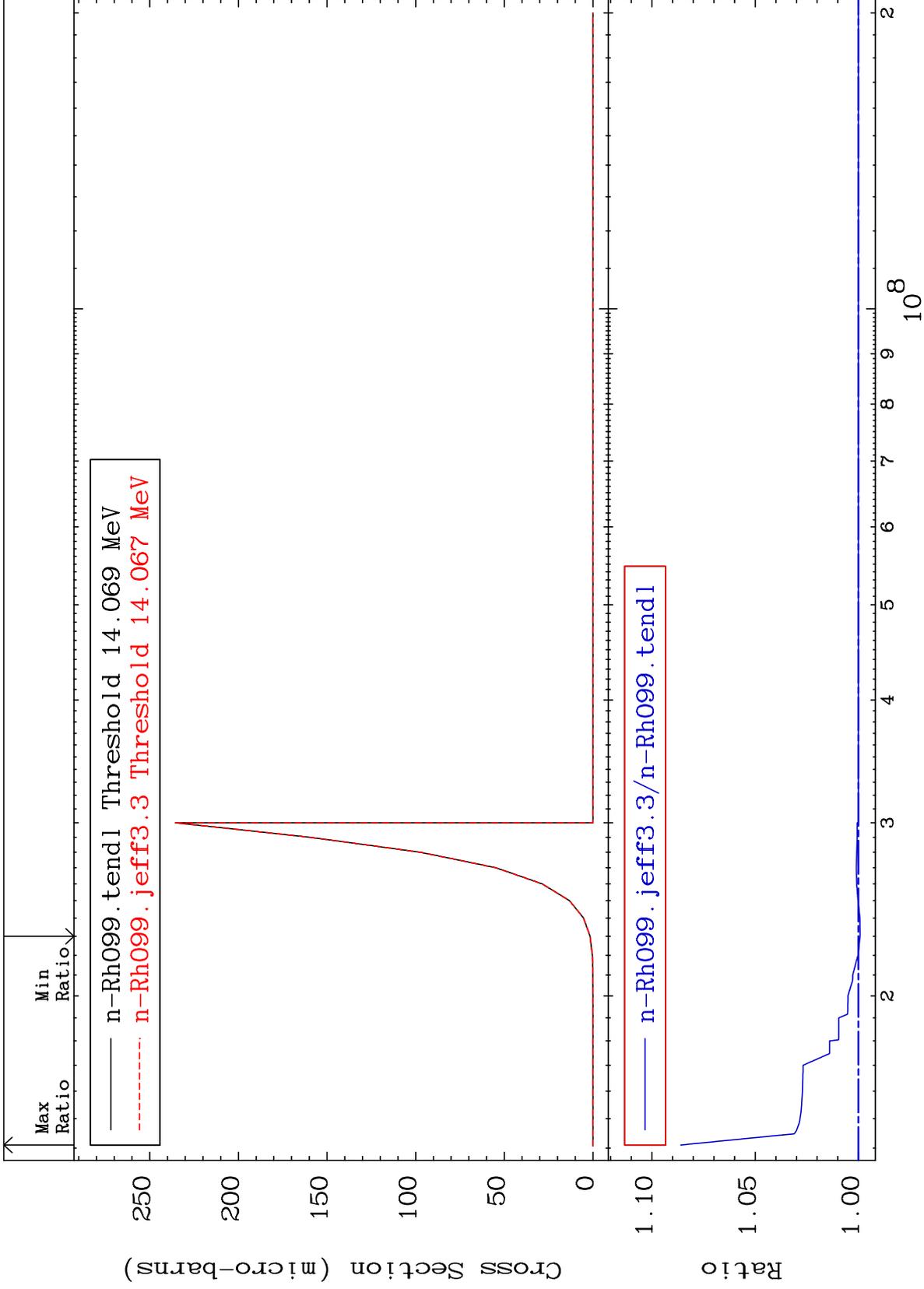
-4.561 To 0.000 %



MAT 4513

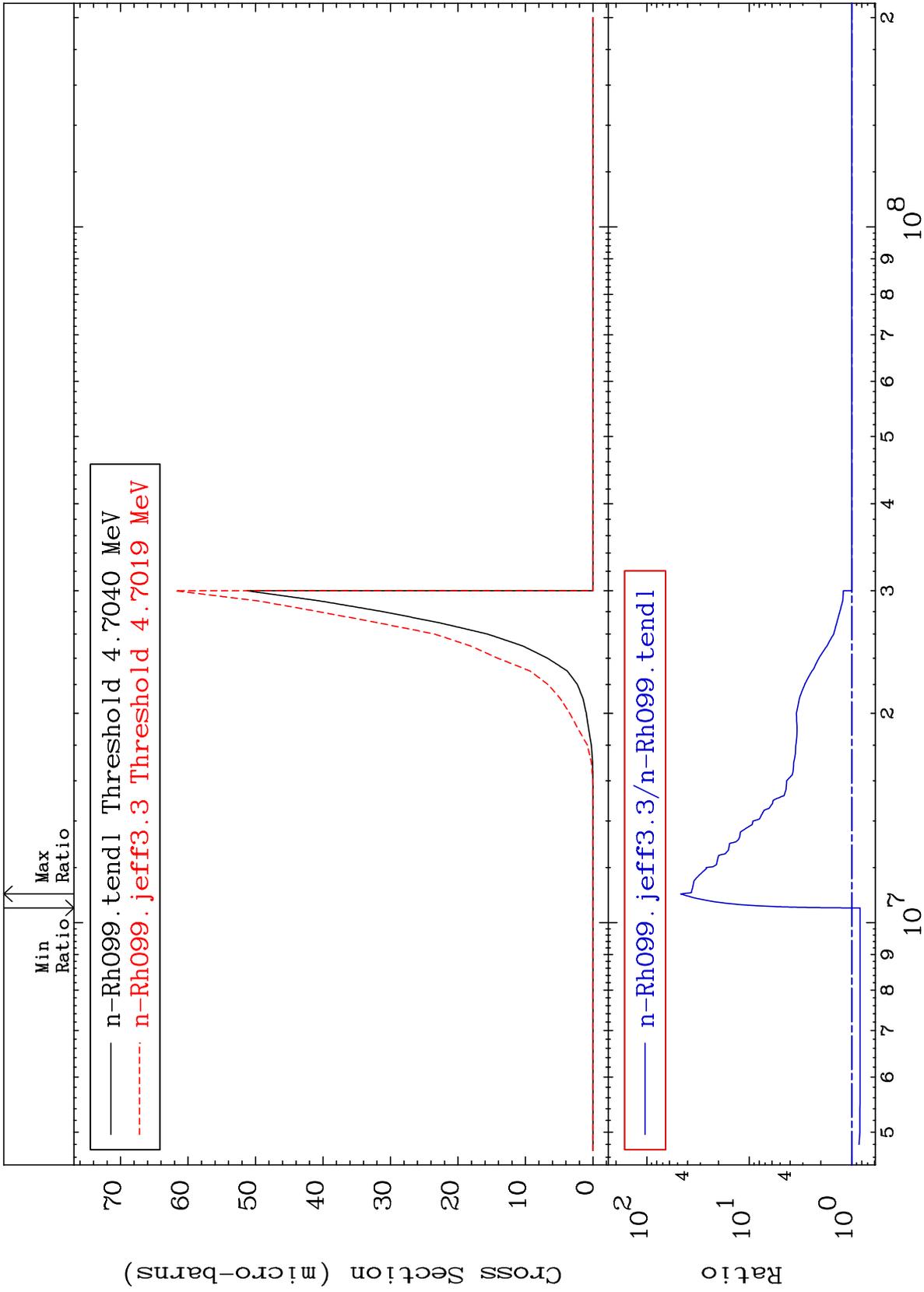
(n,p) t
Cross Section

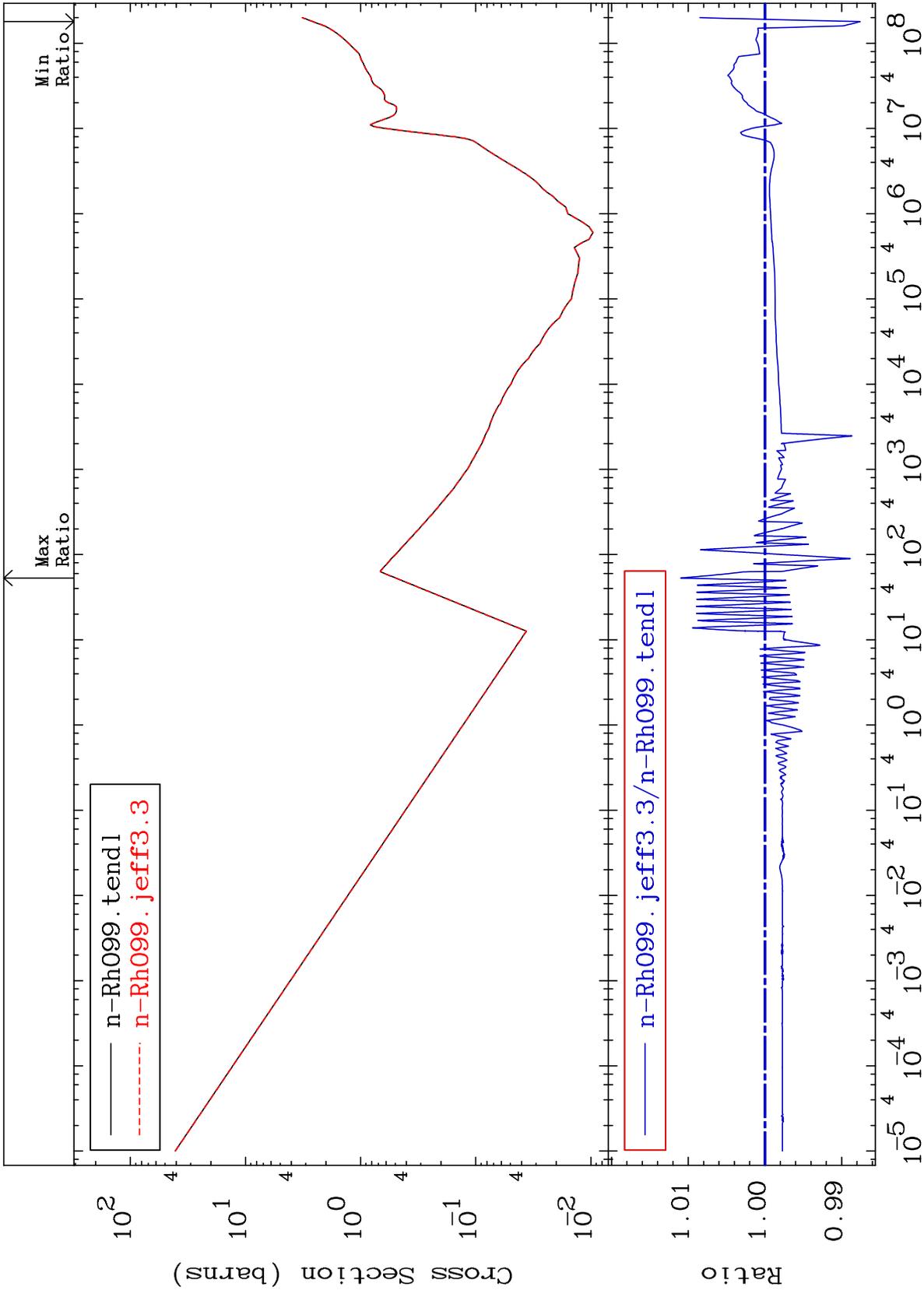
45-Rh-99
-0.078 To 8.604 %



Cross Section

-17.04 To 4563. %

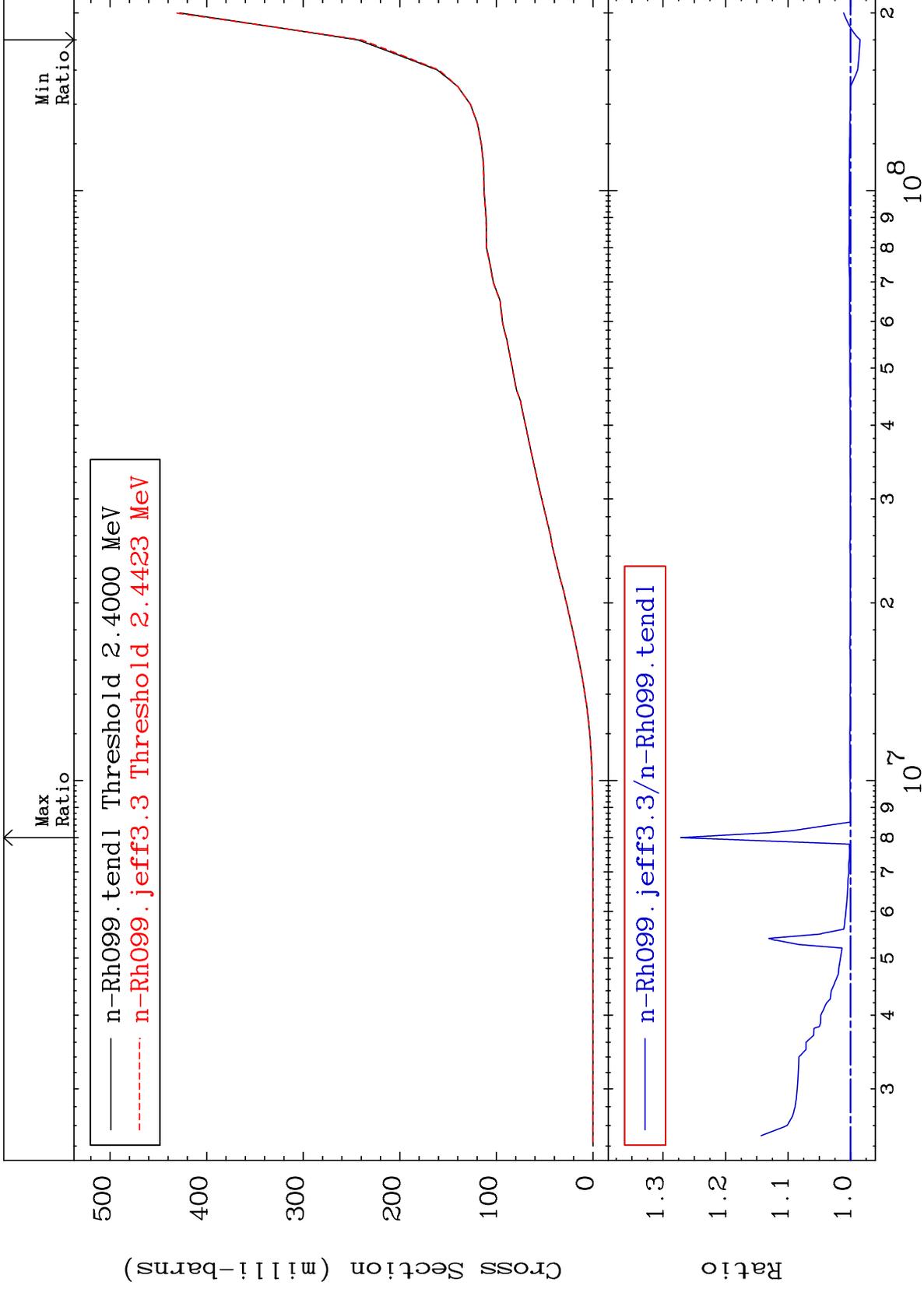




MAT 4513

Deuterium Production
Cross Section

45-Rh-99
-1.517 To 27.17 %



60

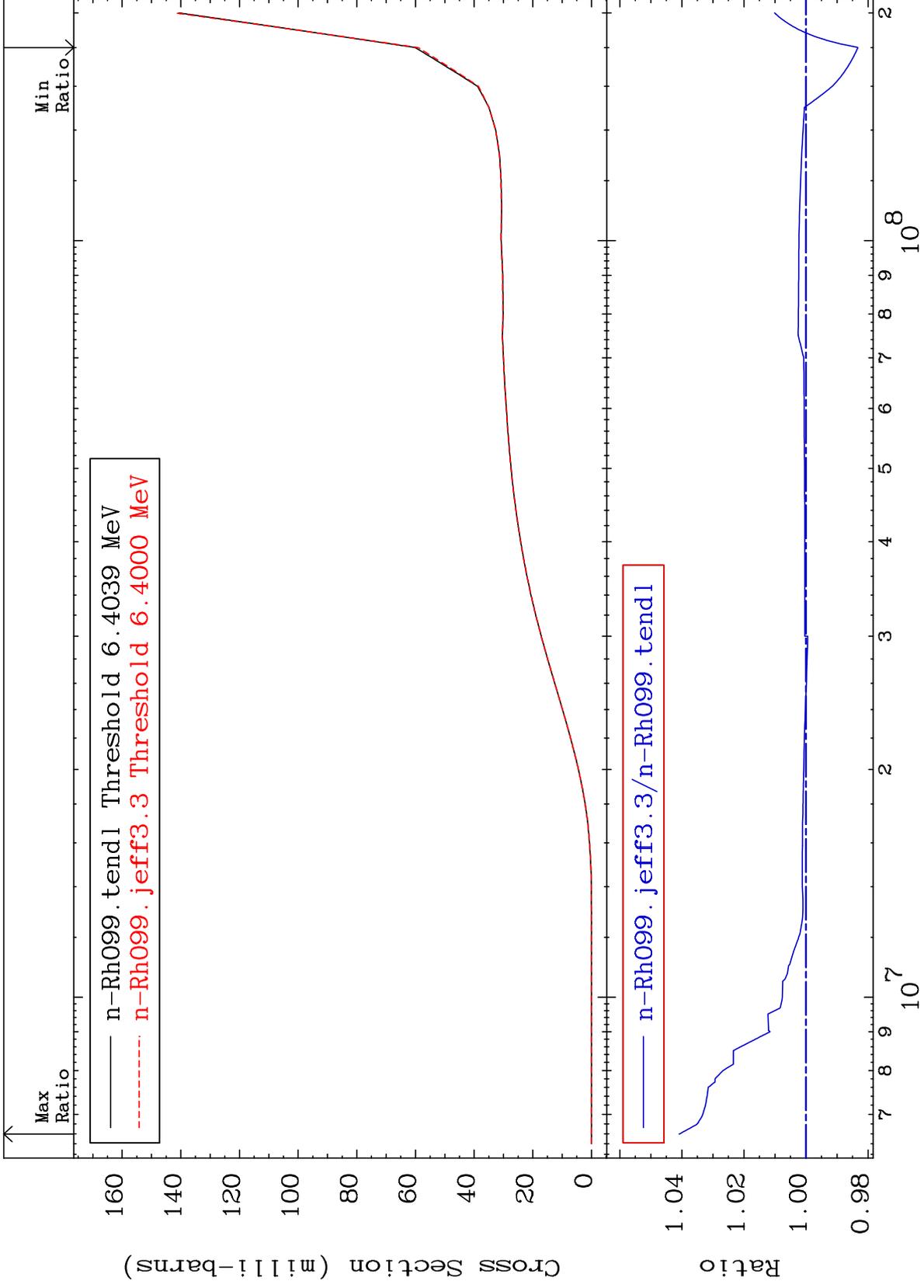
Incident Energy (eV)

45-Rh-99

MAT 4513

Tritium Production
Cross Section

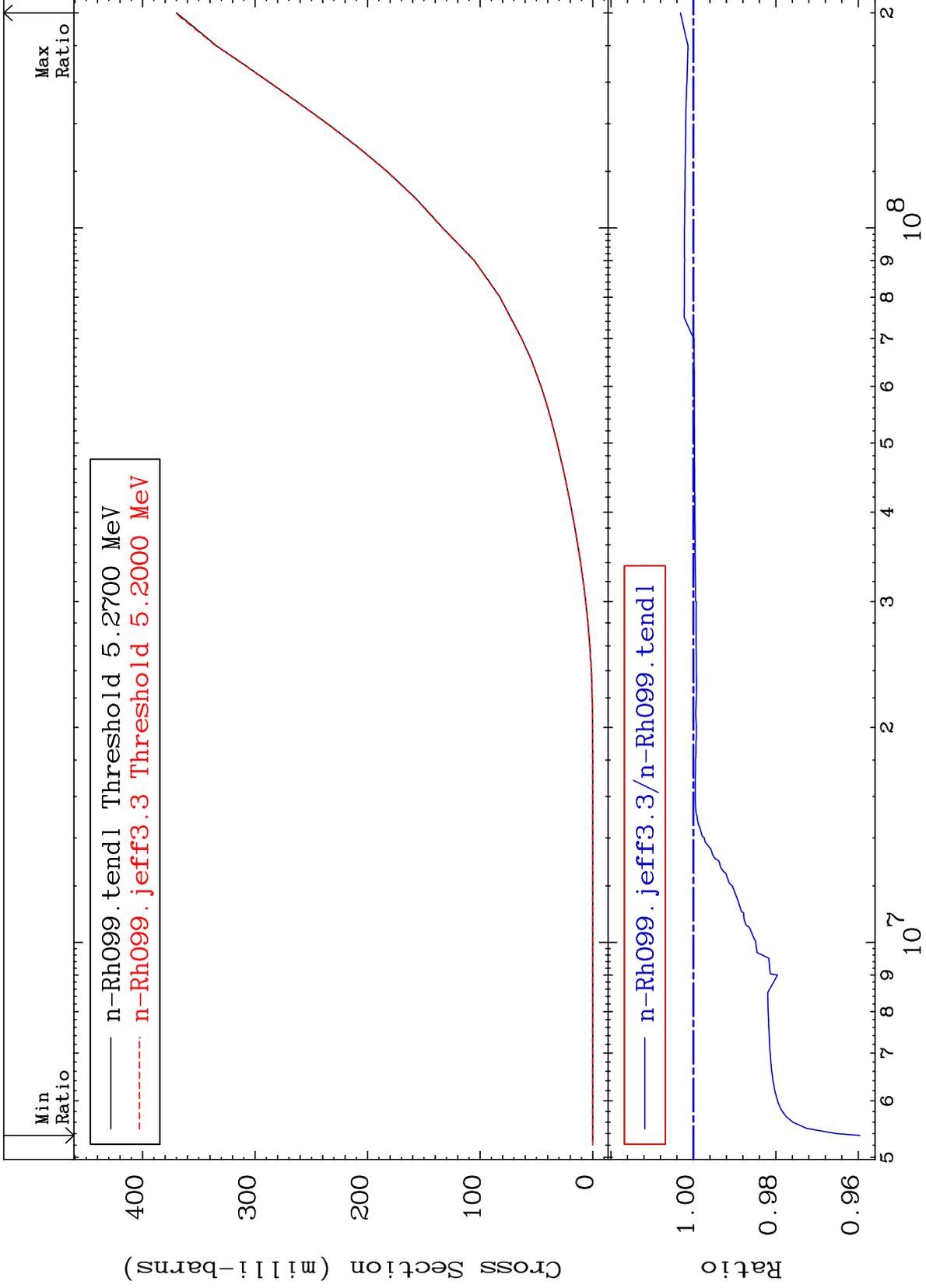
45-Rh-99
-1.673 To 4.092 %



MAT 4513

He-3 Production
Cross Section

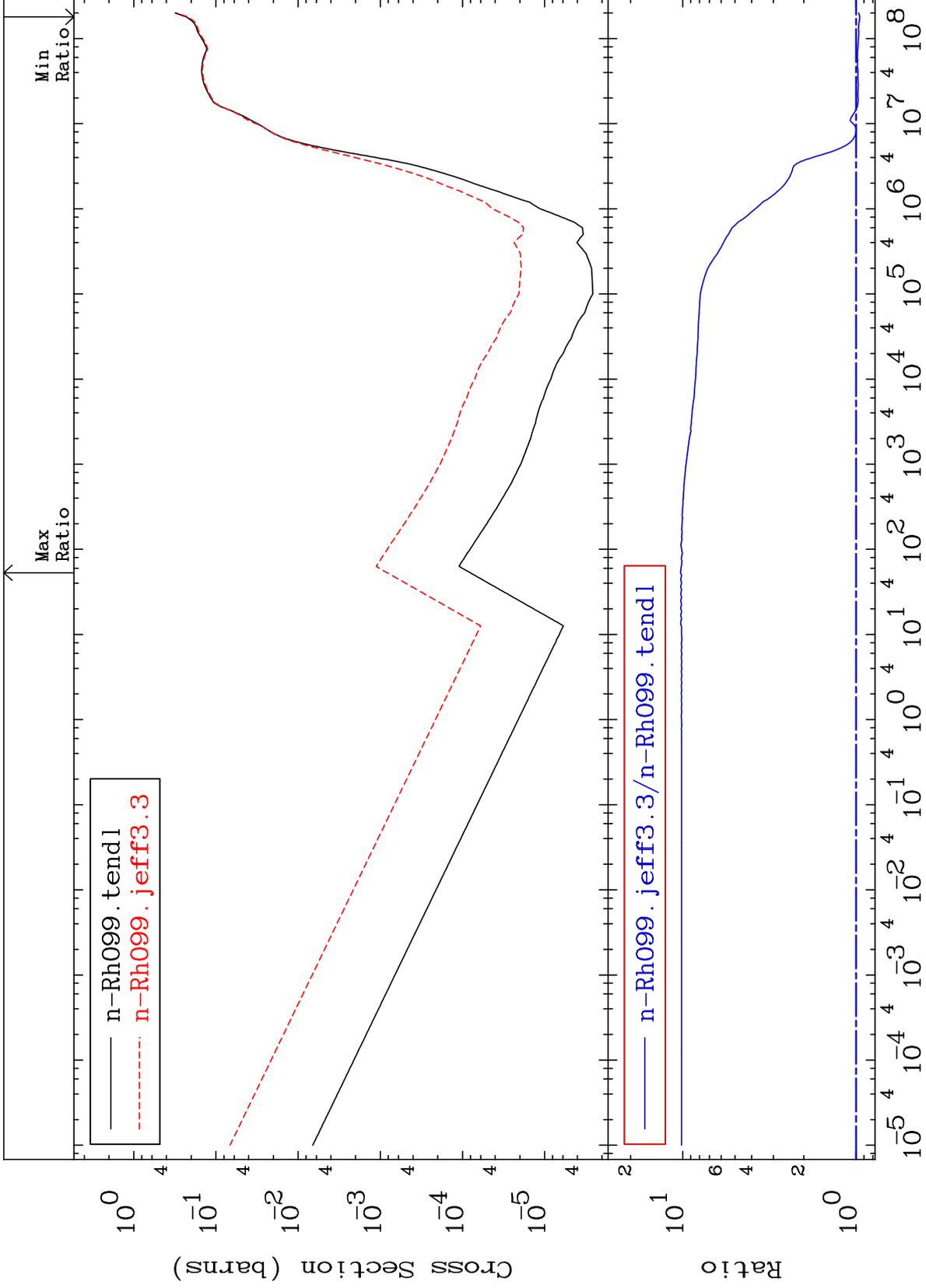
45-Rh-99
-4.036 To 0.314 %

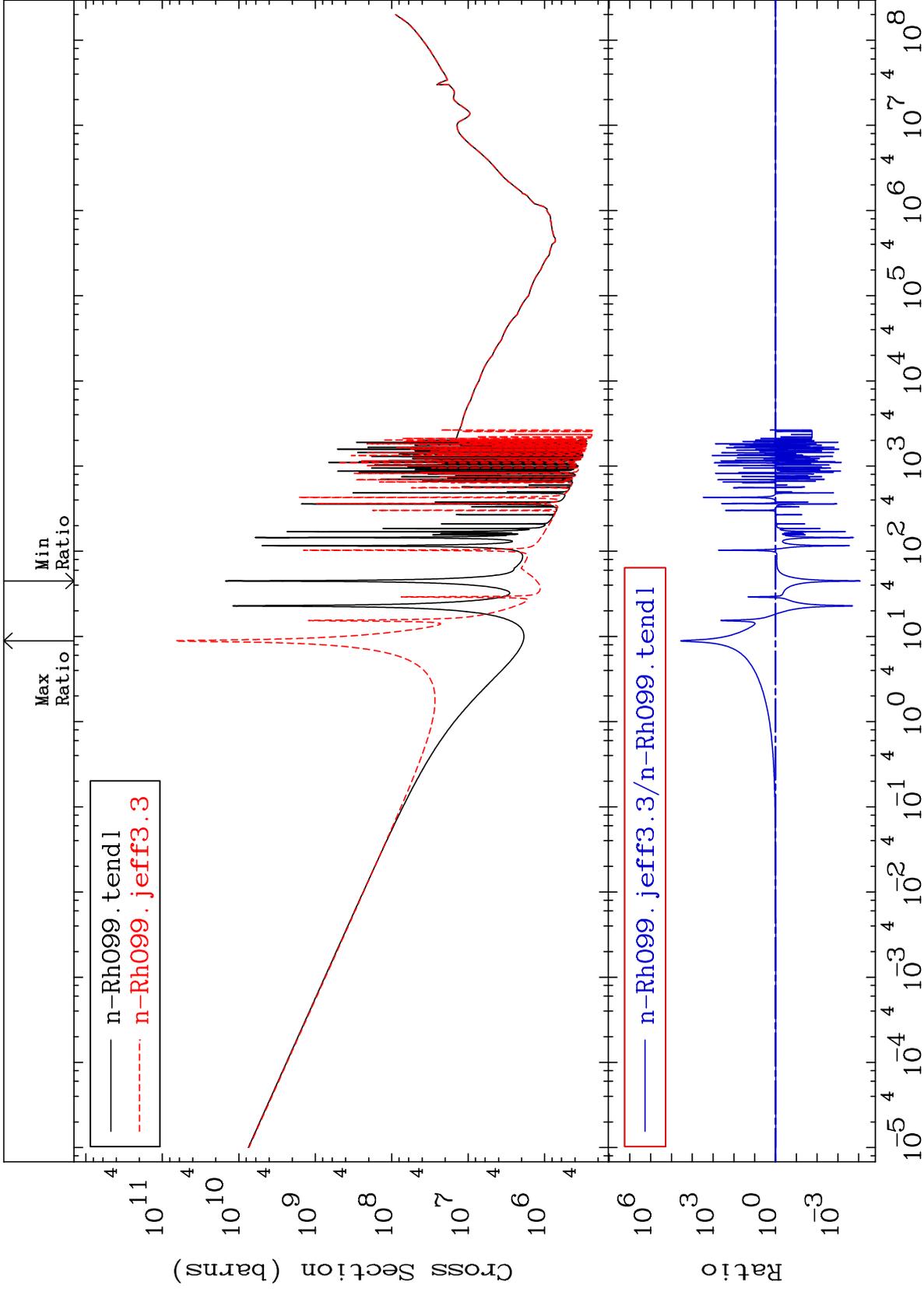


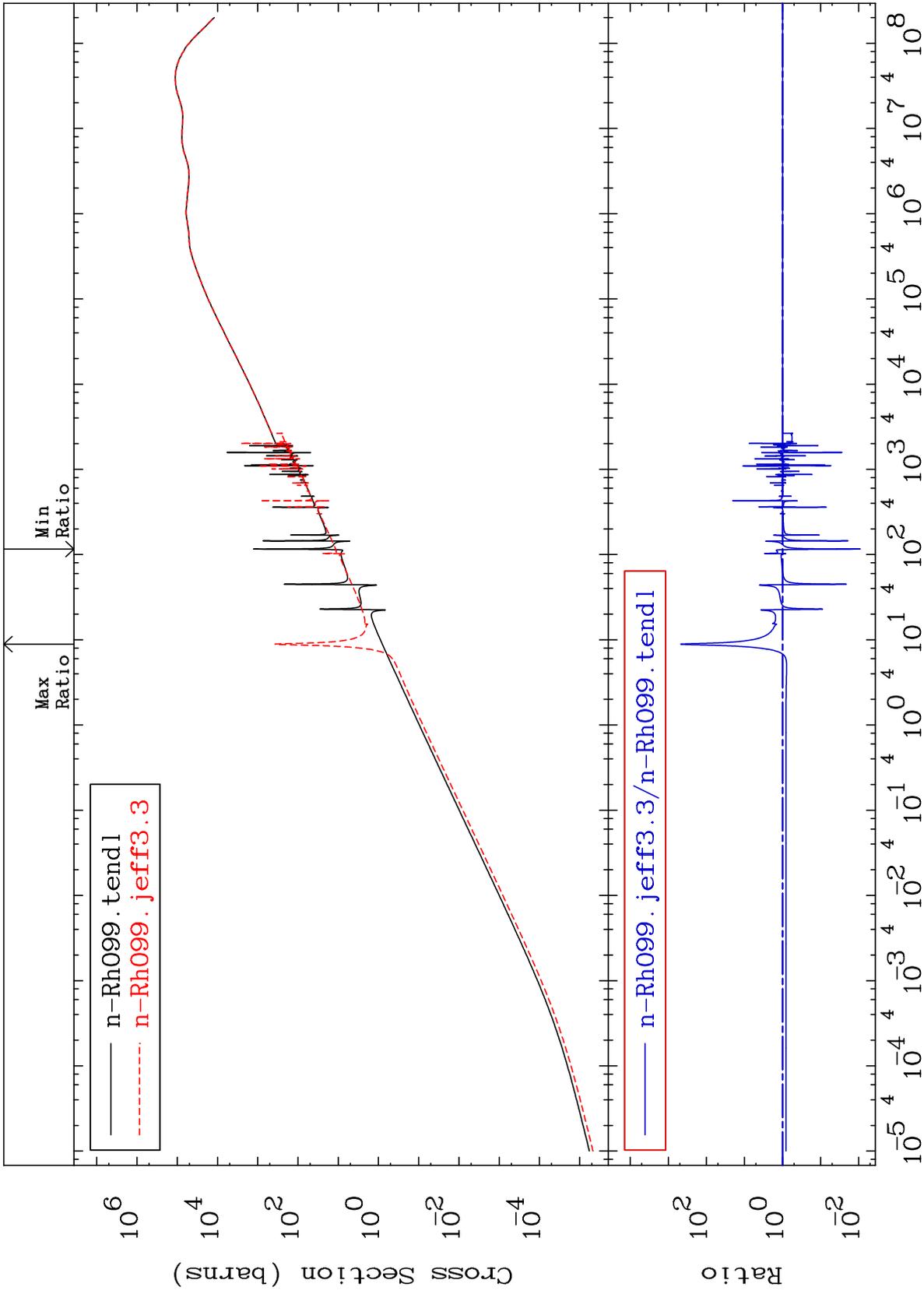
MAT 4513

He-4 Production
Cross Section

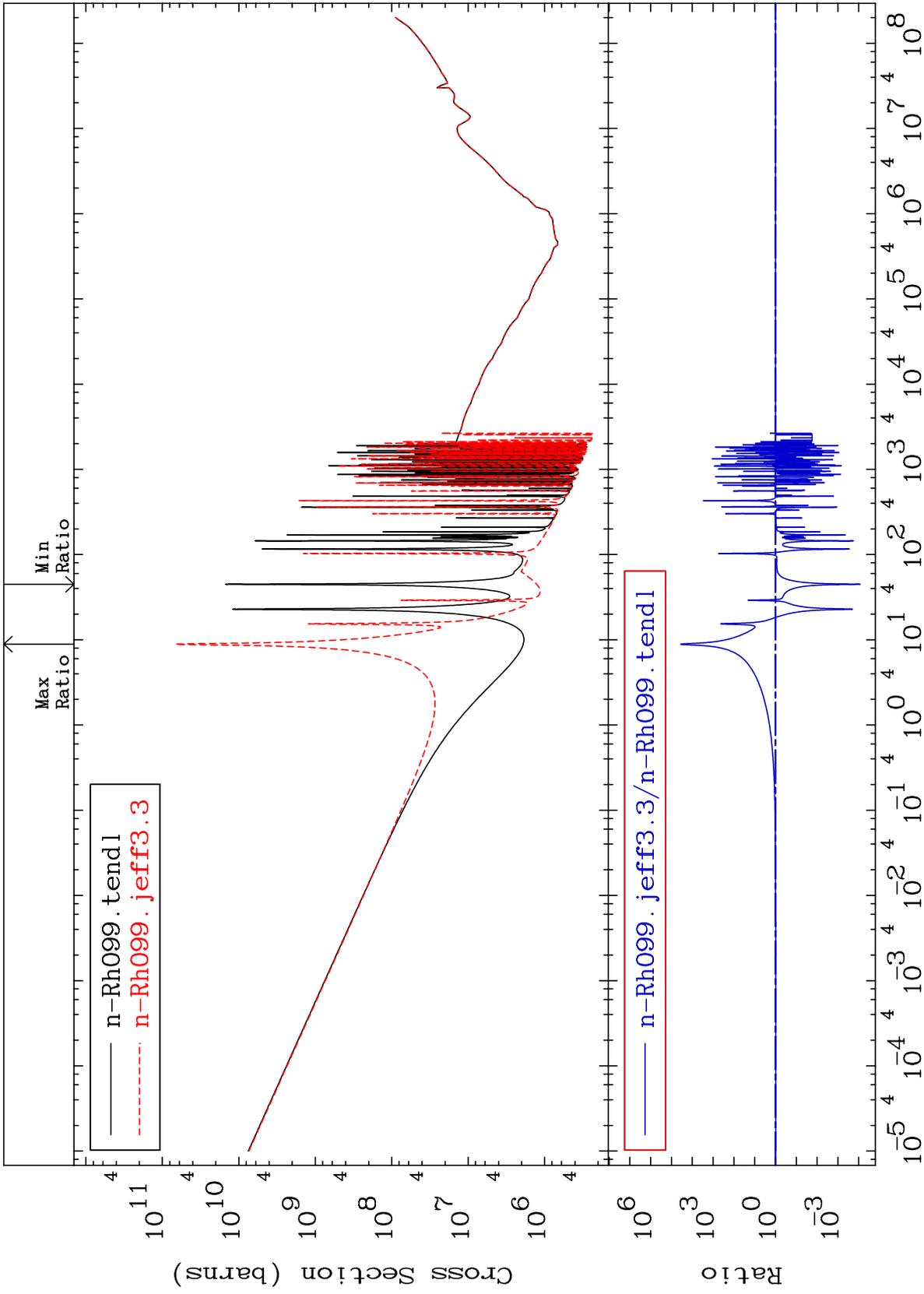
45-Rh-99
-4.856 To 929.7 %

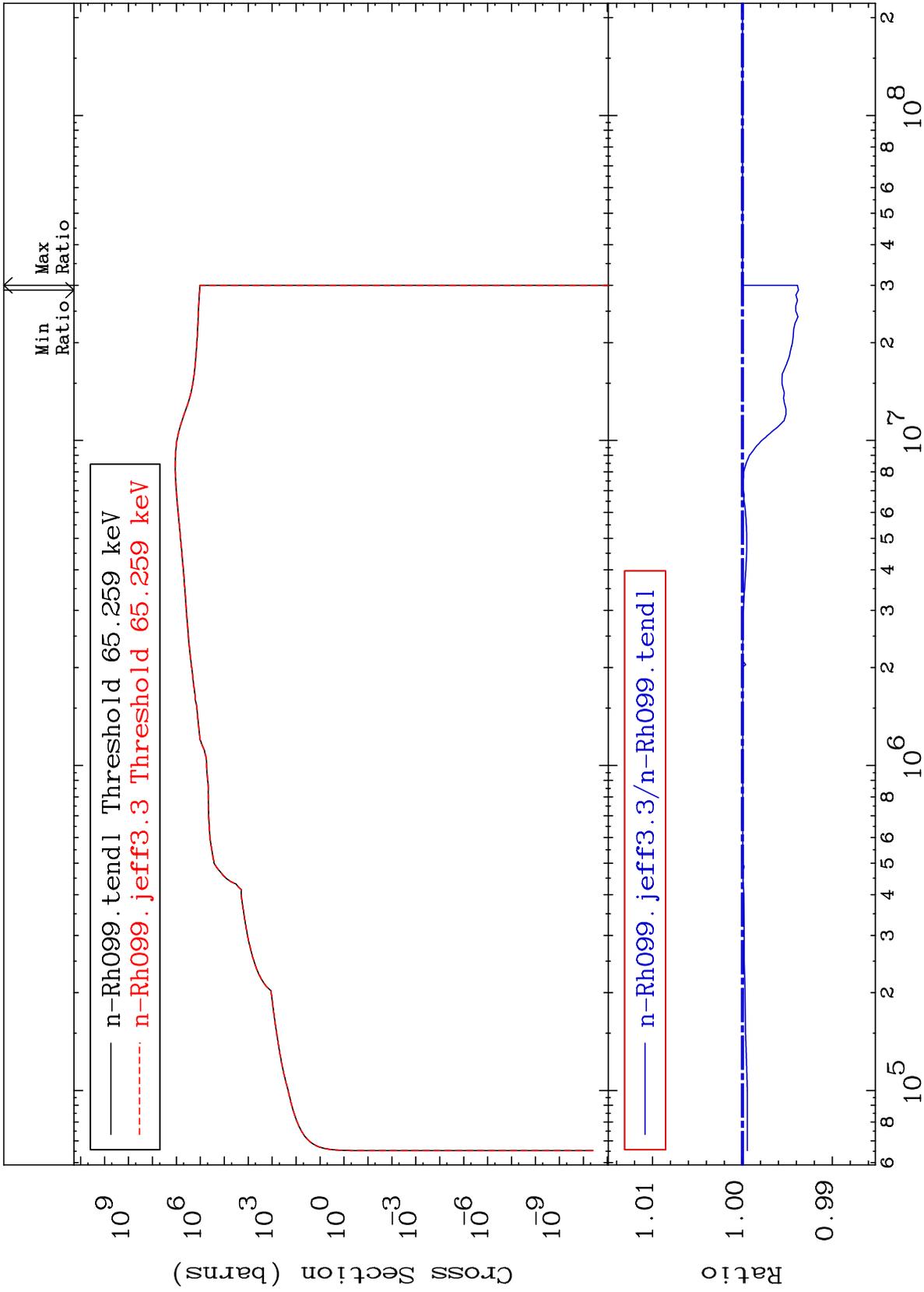


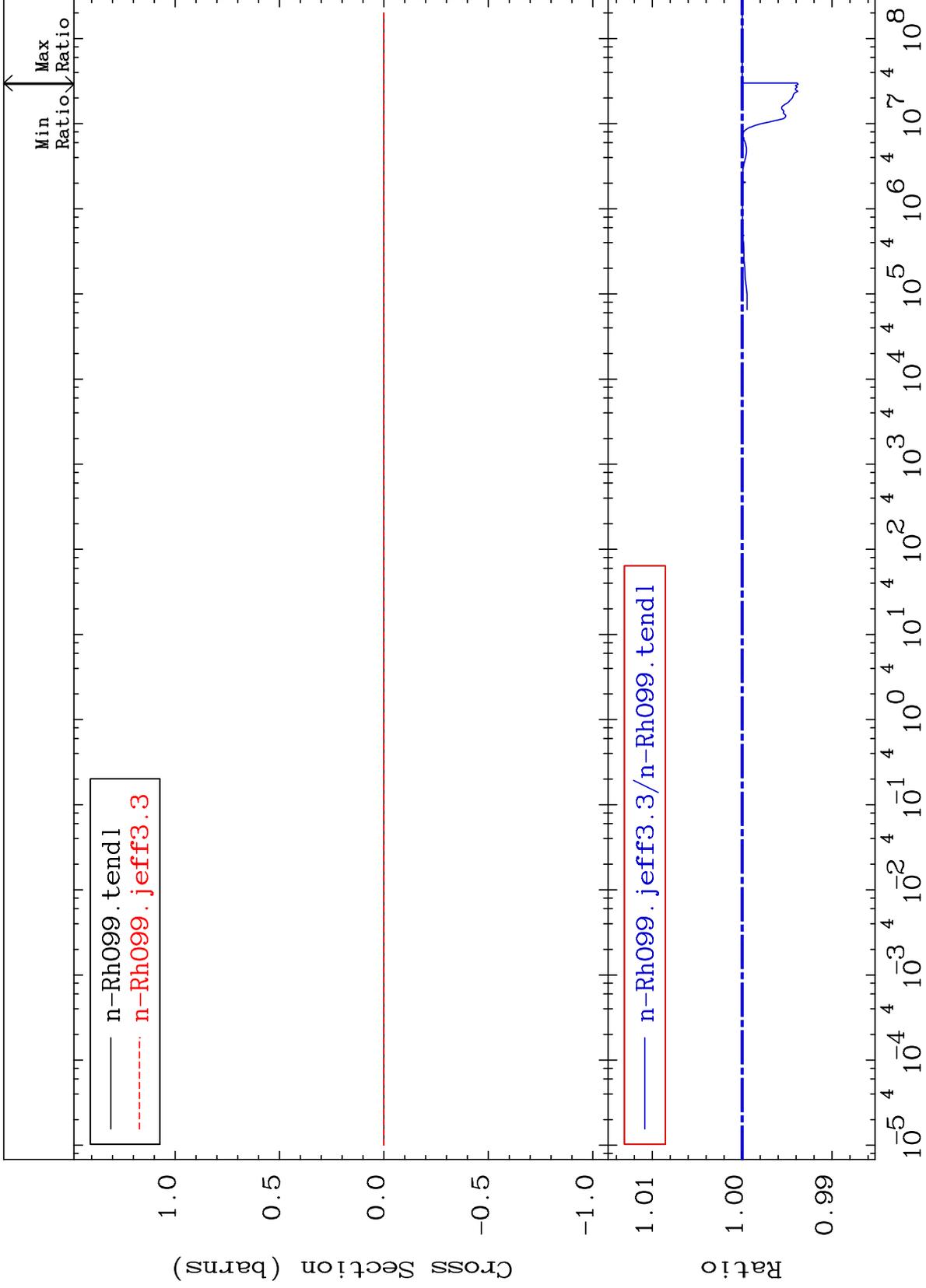


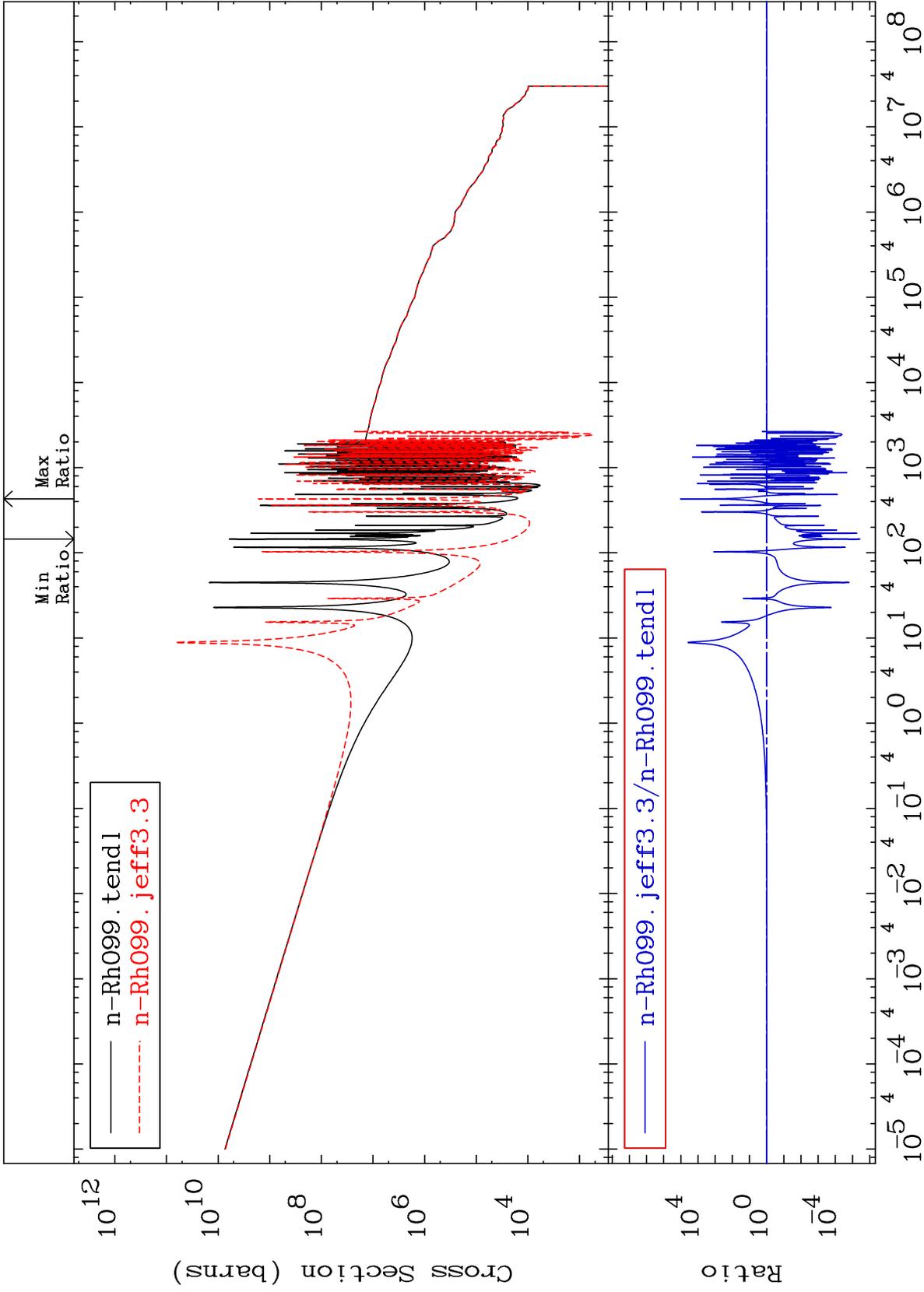


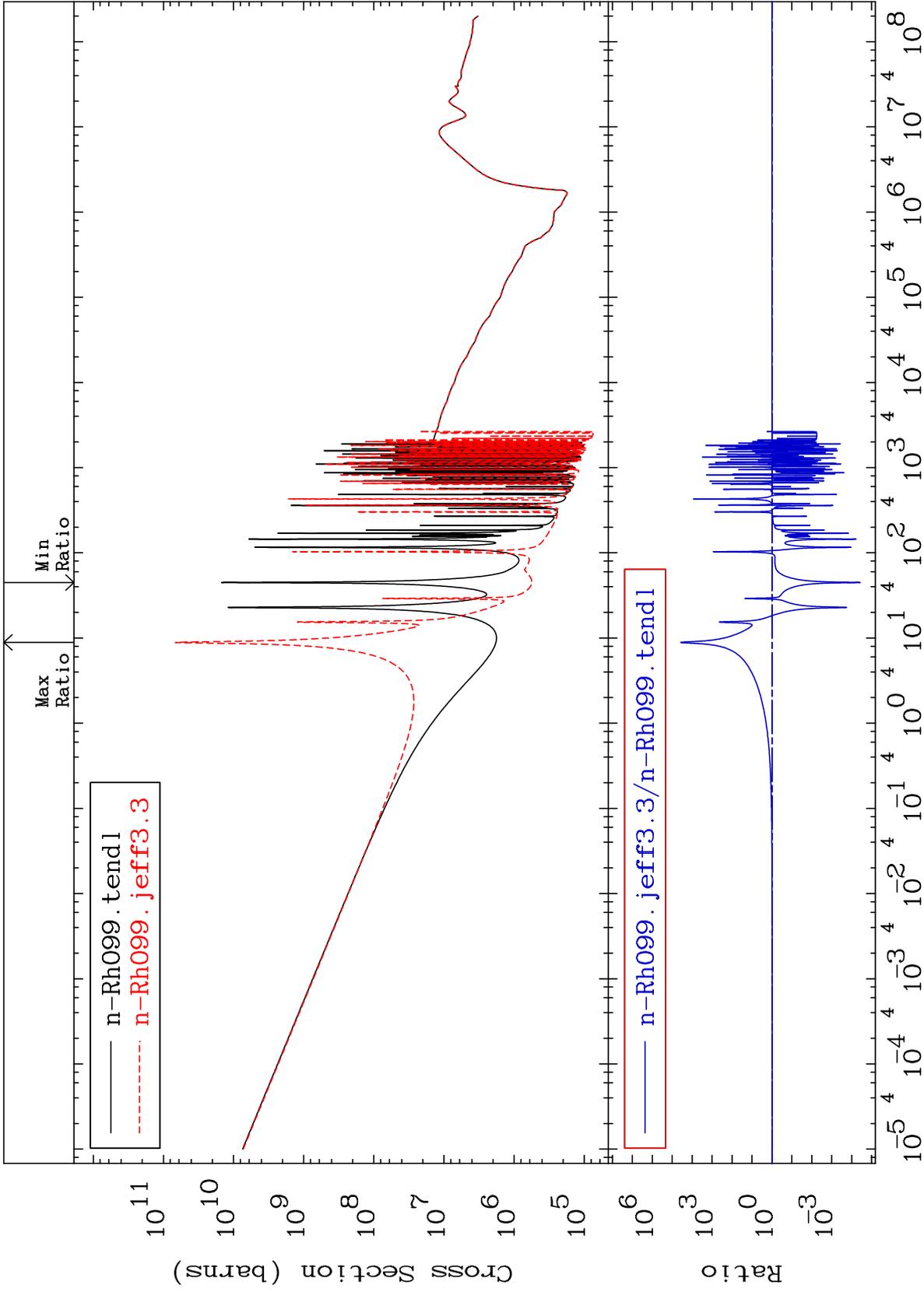
Cross Section

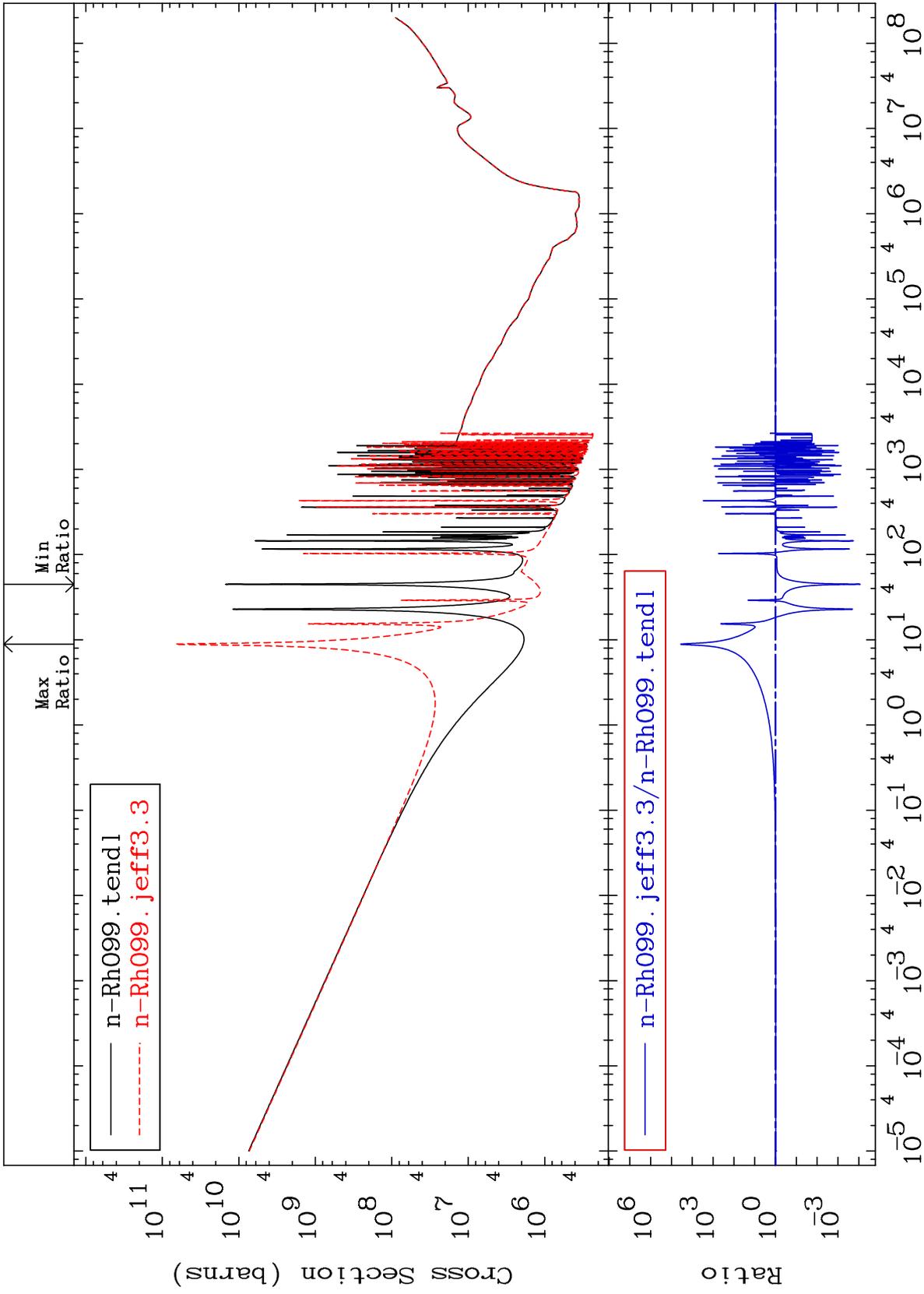


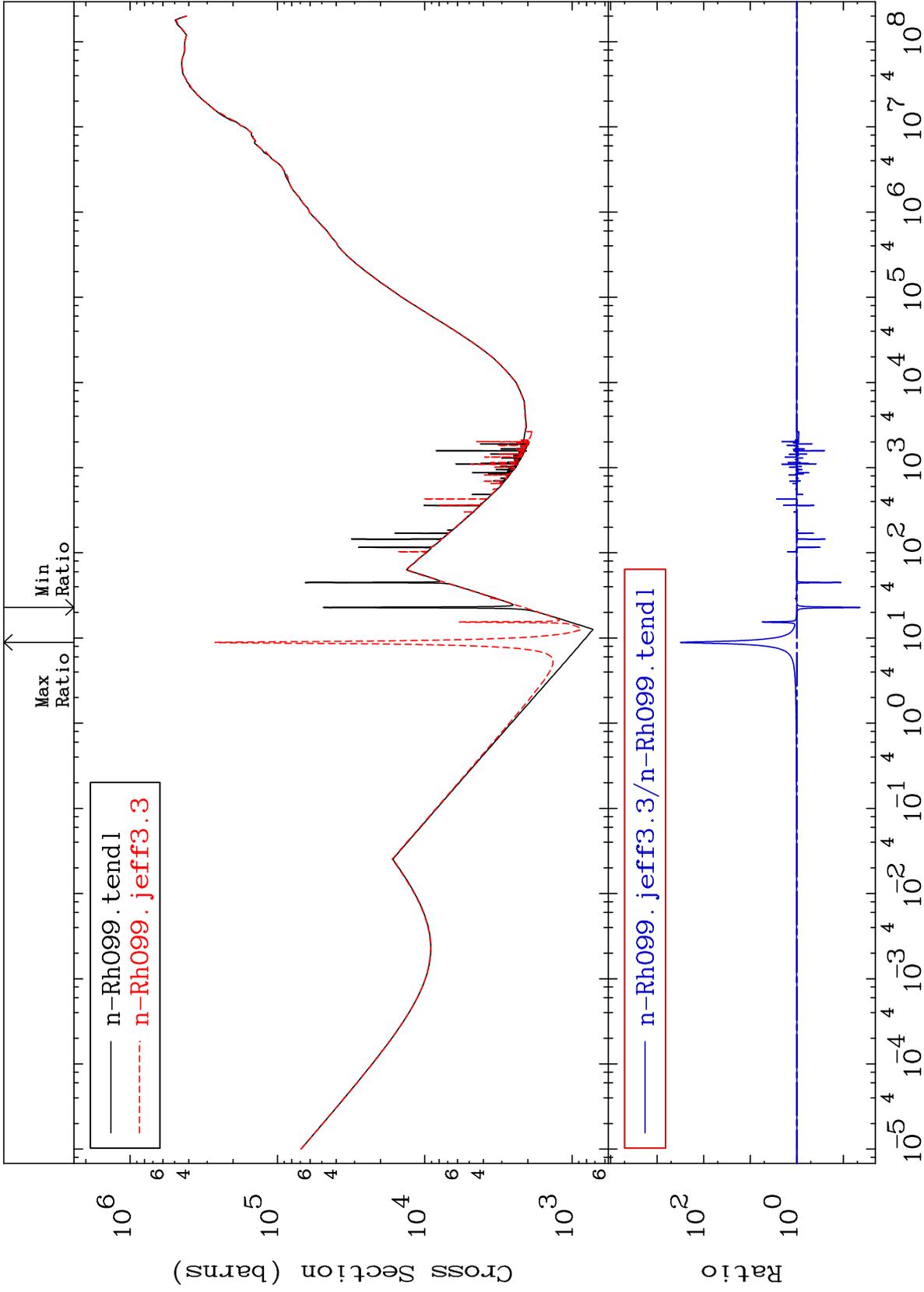








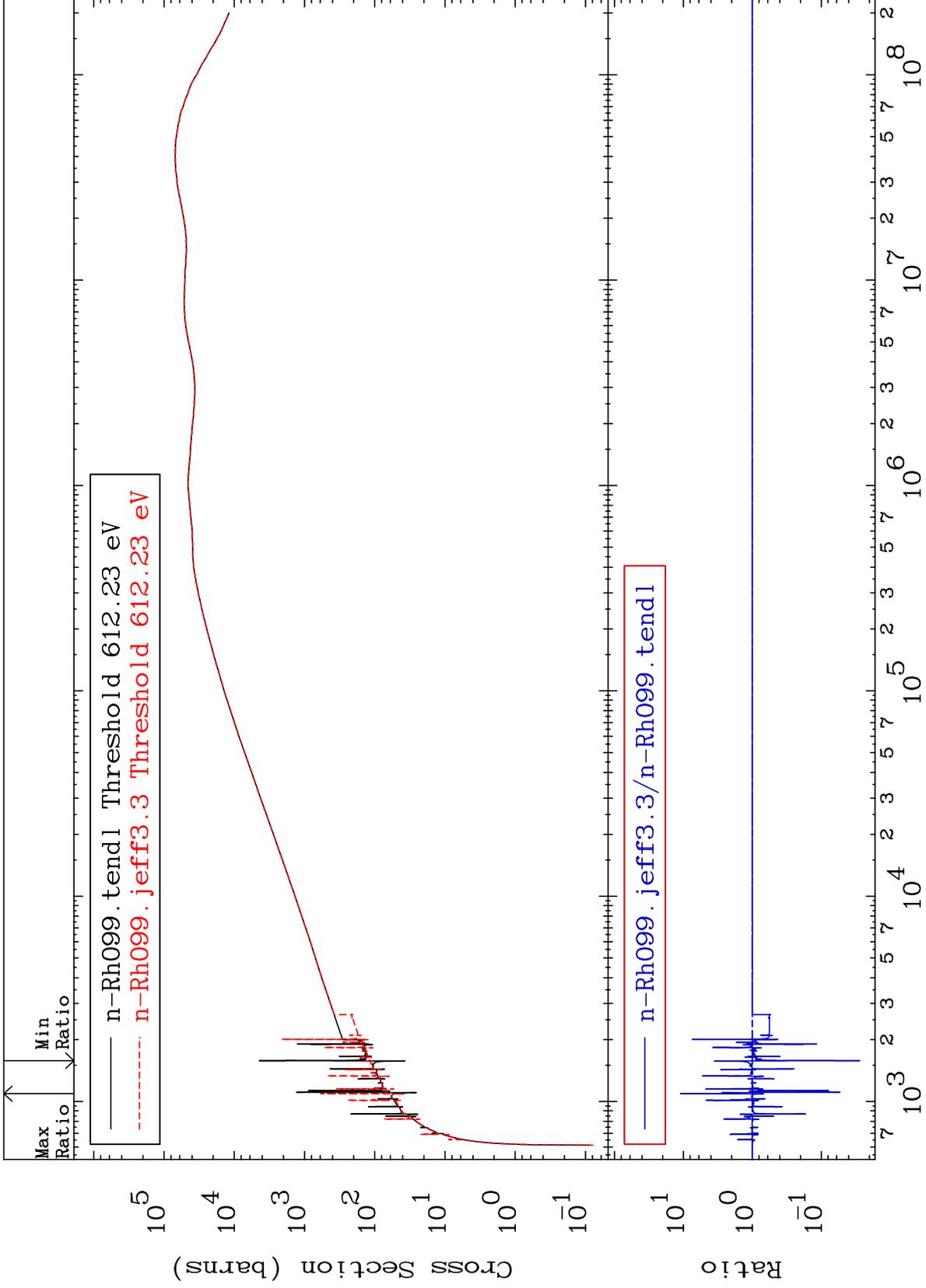




MAT 4513

Dpa elastic (mt2)
Cross Section

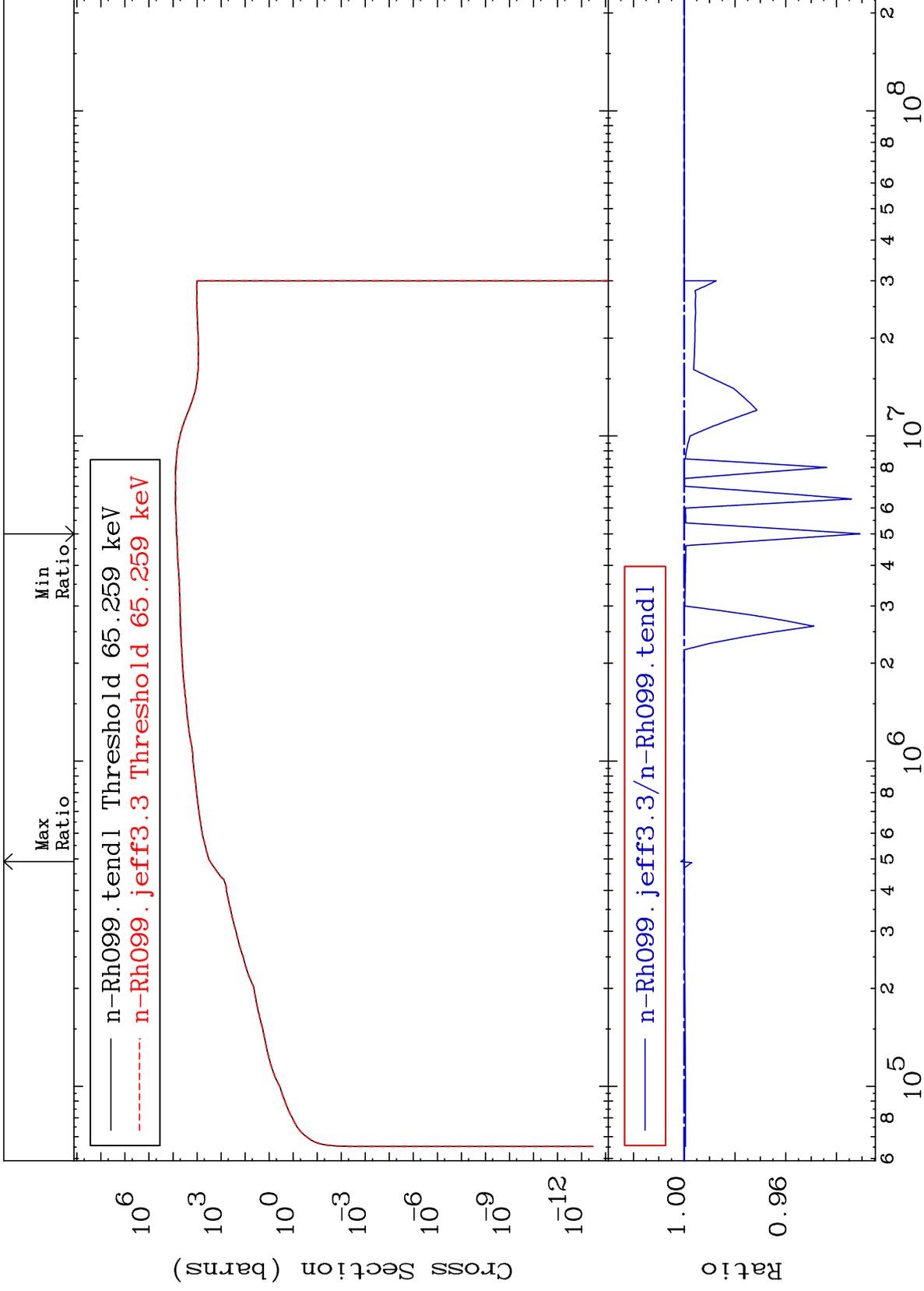
45-Rh-99
-97.24 To 1004. %

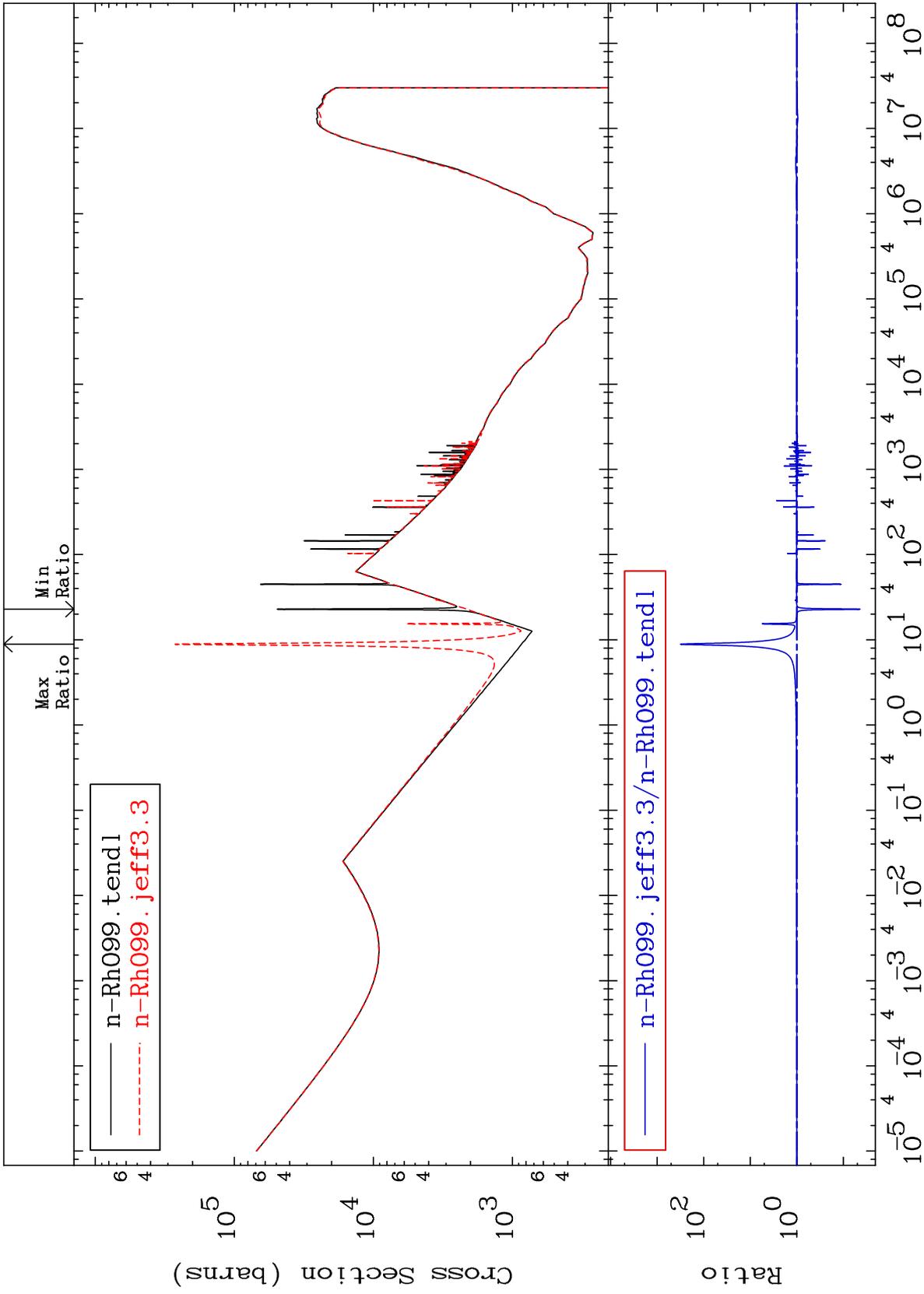


73

Incident Energy (eV)

45-Rh-99



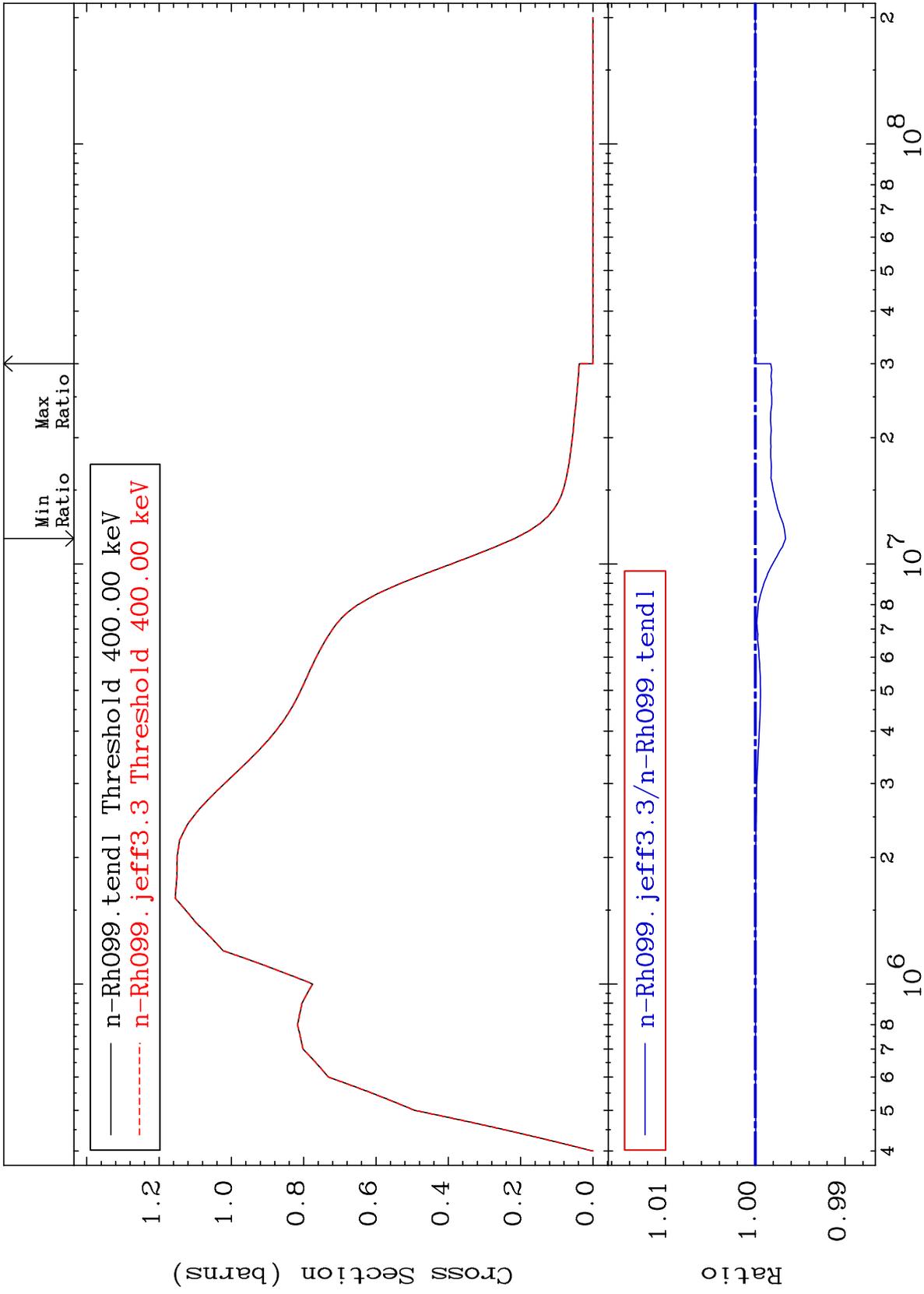


MAT 4513

Inelastic: 45-Rh-99g

45-Rh-99

Radionuclide Production Cross Section -0.339 To 0.000 %

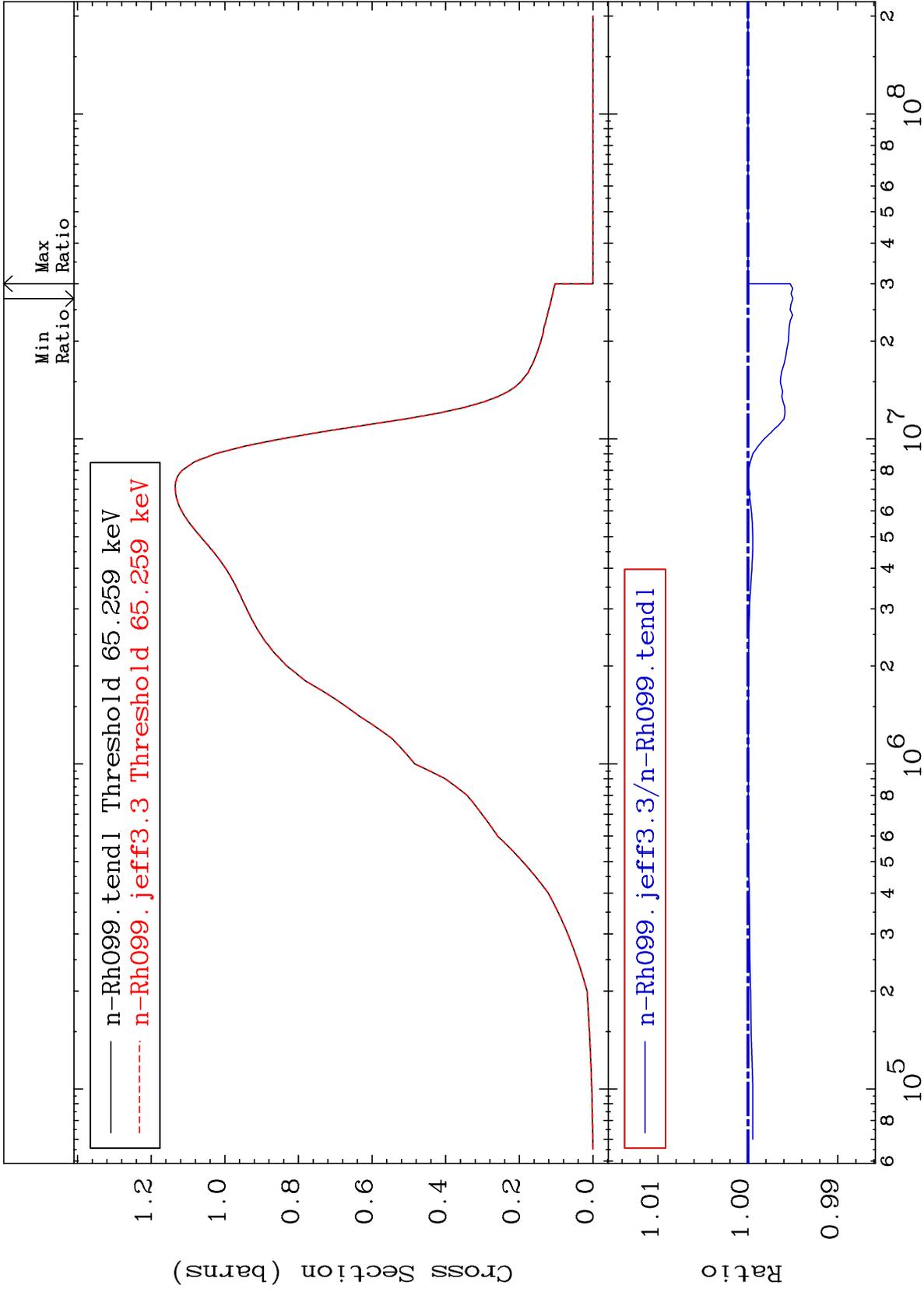


76

Incident Energy (eV)

45-Rh-99

Radionuclide Production Cross Section -0.500 To 0.000 %

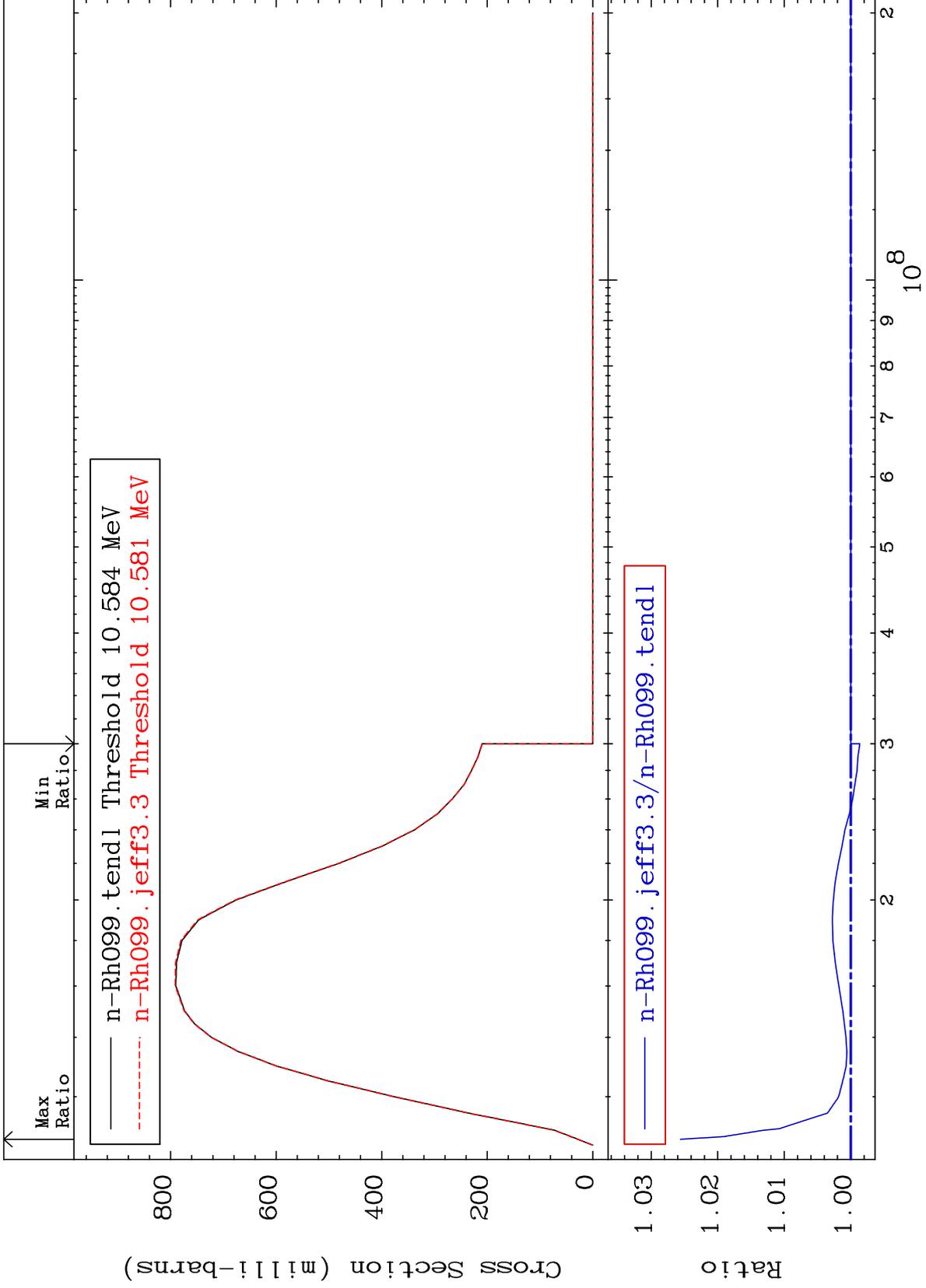


MAT 4513

(n,2n) : 45-Rh-98g

45-Rh-99

Radionuclide Production Cross Section -0.135 To 2.559 %

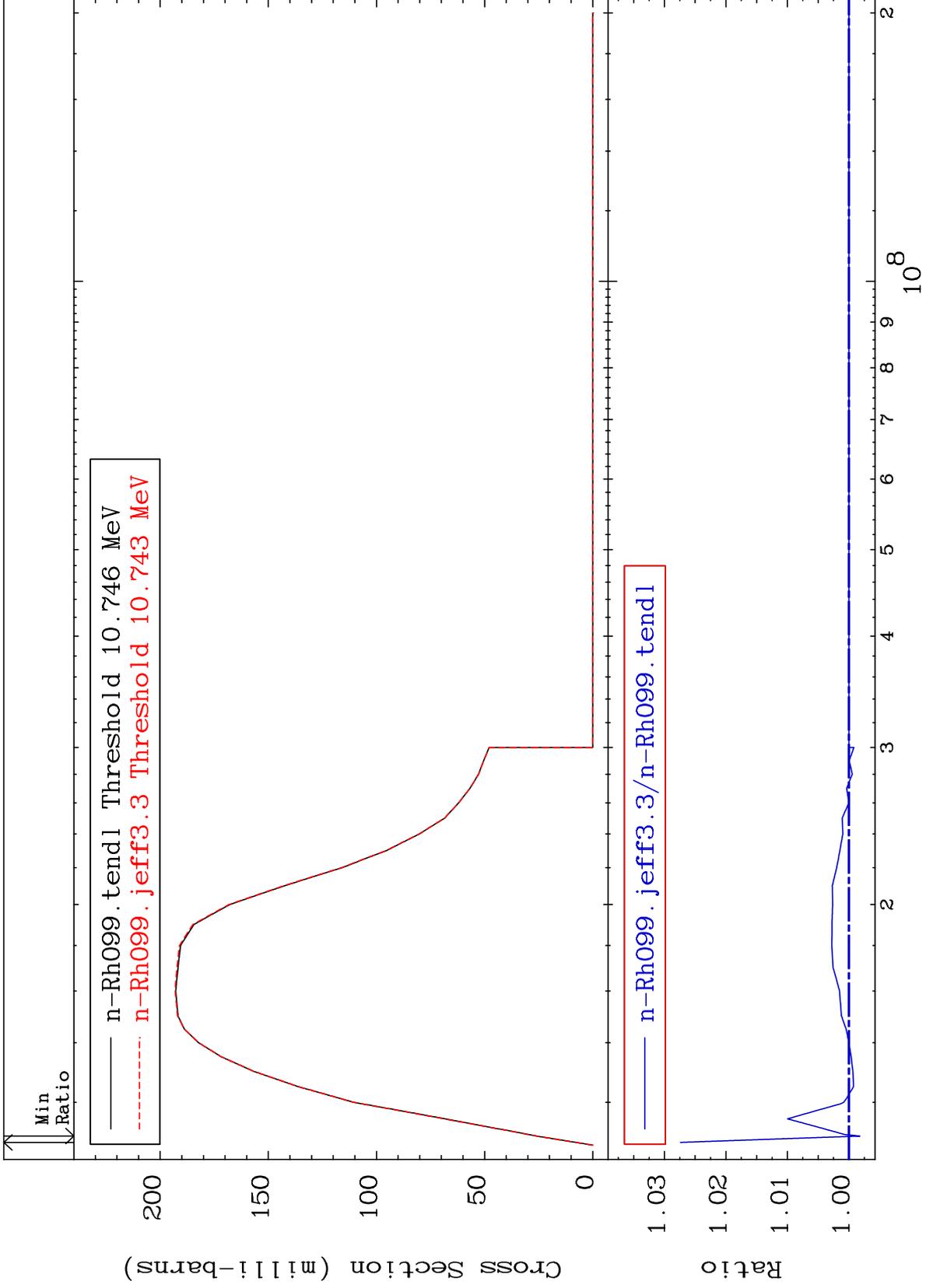


MAT 4513

(n,2n):45-Rh-98m3

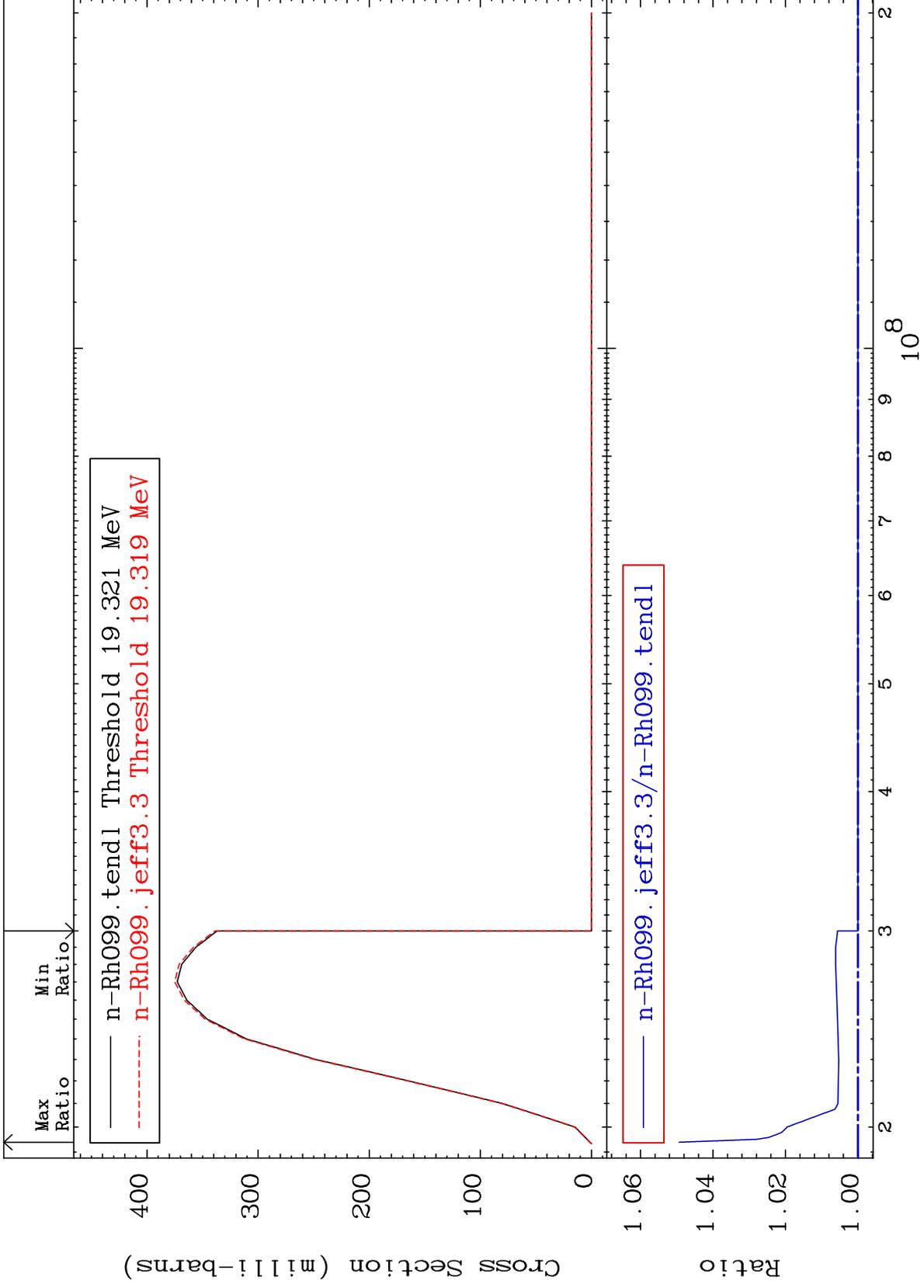
45-Rh-99

Radionuclide Production Cross Section -0.176 To 2.739 %



MAT 4513

(n,3n) : 45-Rh-97g 45-Rh-99
Radionuclide Production Cross Section 0.000 To 4.936 %



80

45-Rh-99

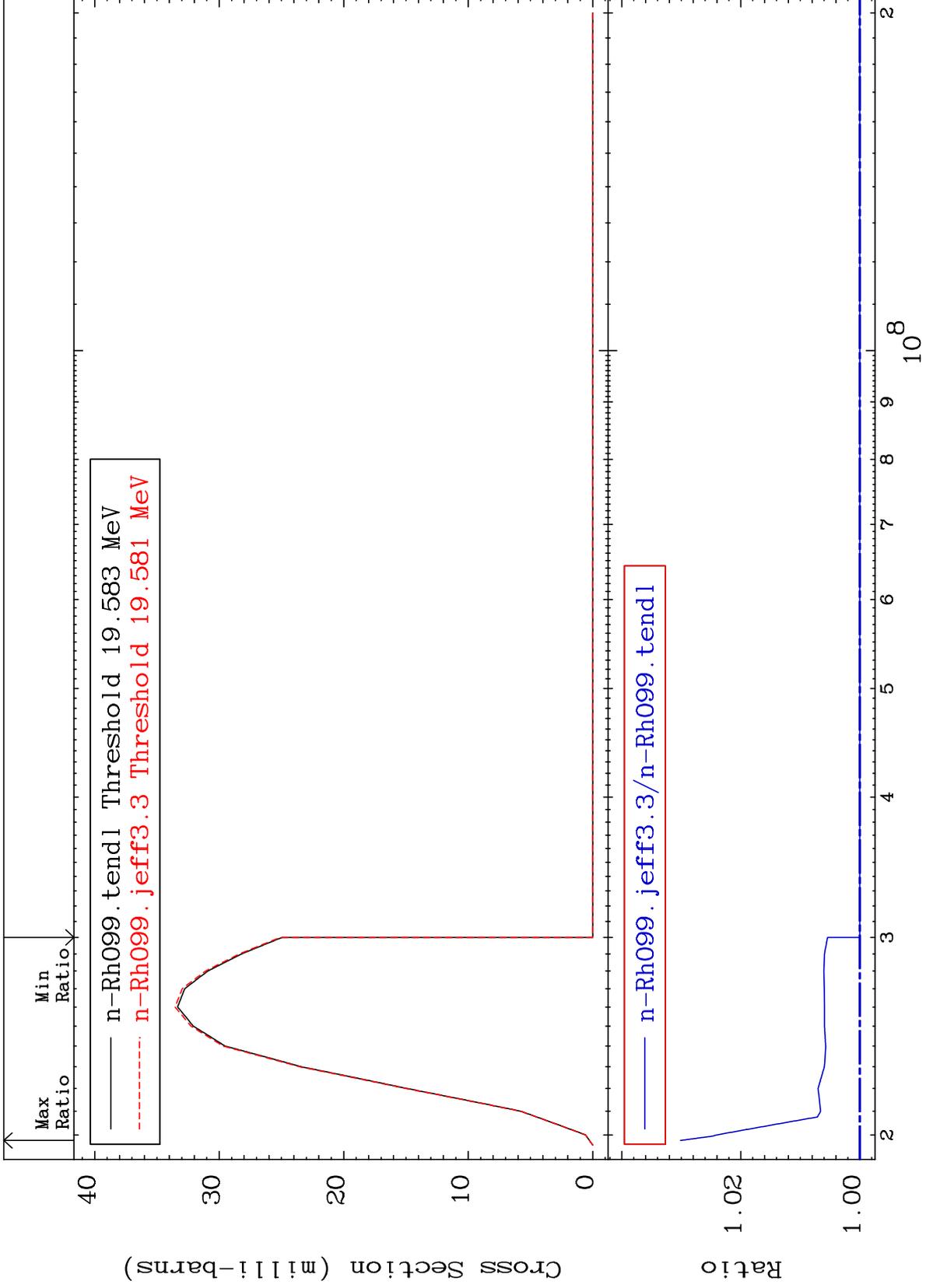
45-Rh-99

MAT 4513

(n,3n):45-Rh-97m1

45-Rh-99

Radionuclide Production Cross Section 0.000 To 3.013 %



81

Incident Energy (eV)

45-Rh-99

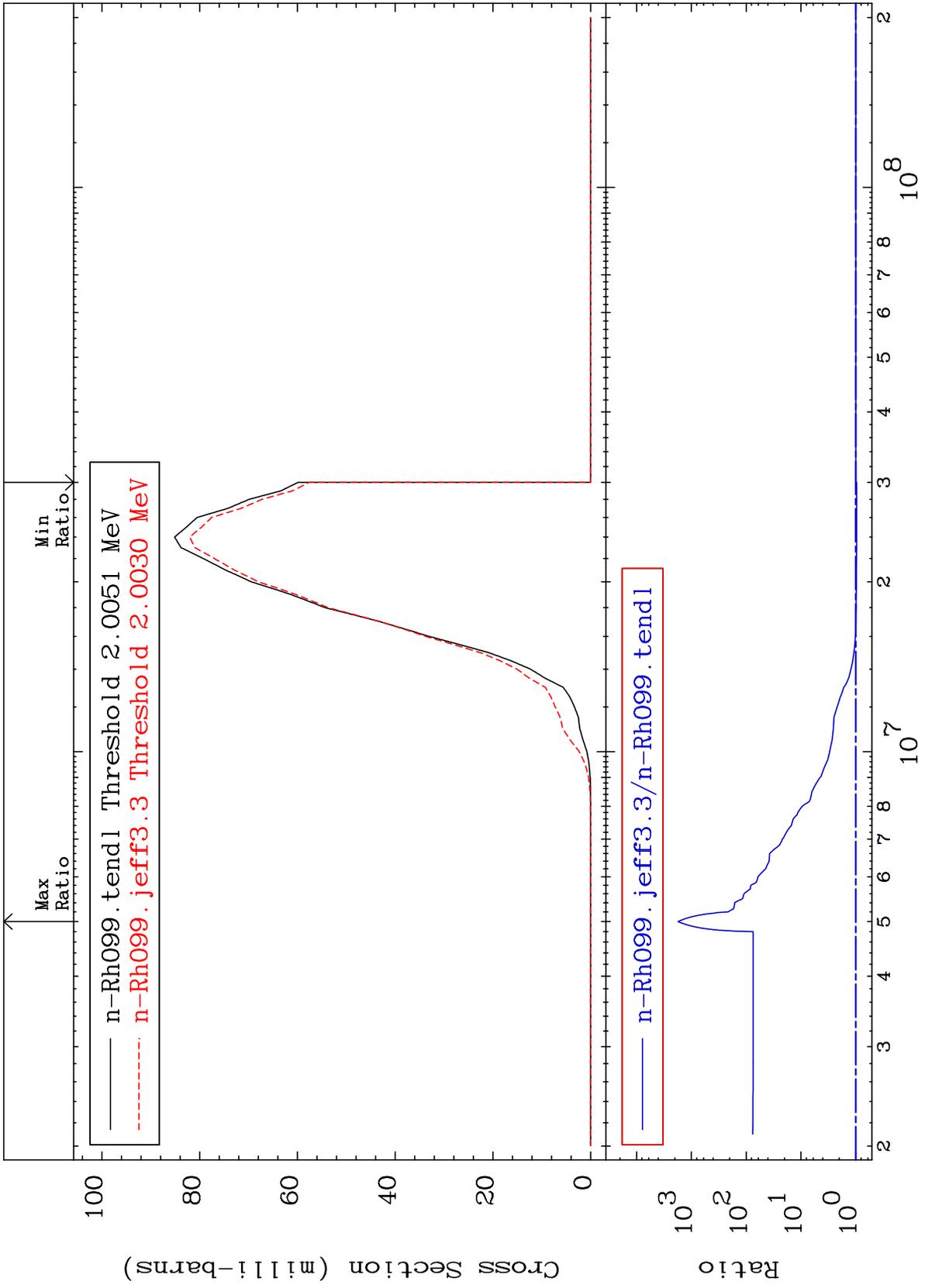
MAT 4513

(n, n') α :43-Tc-95g

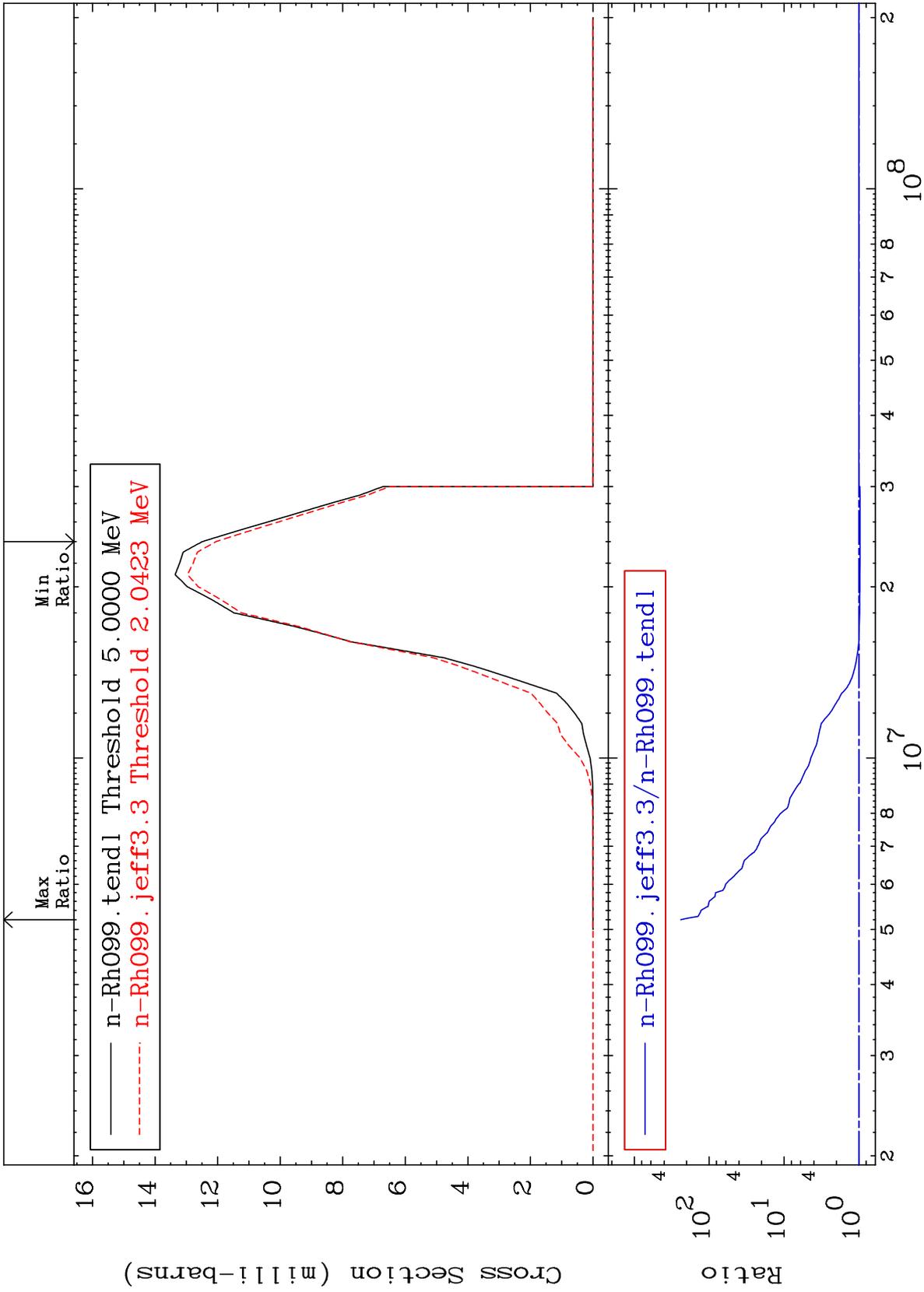
45-Rh-99

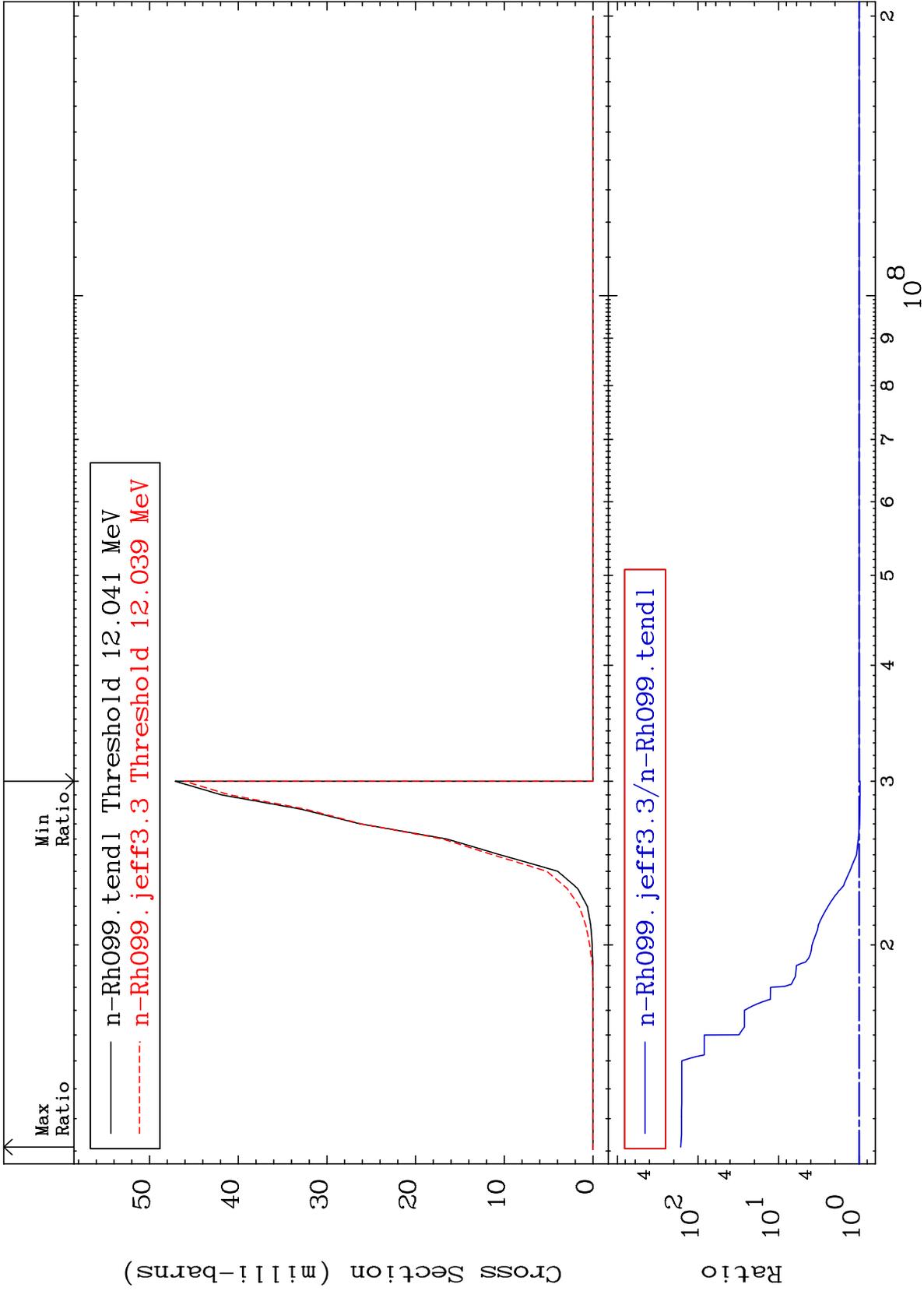
Radionuclide Production Cross Section

-3.809 To 9999. %

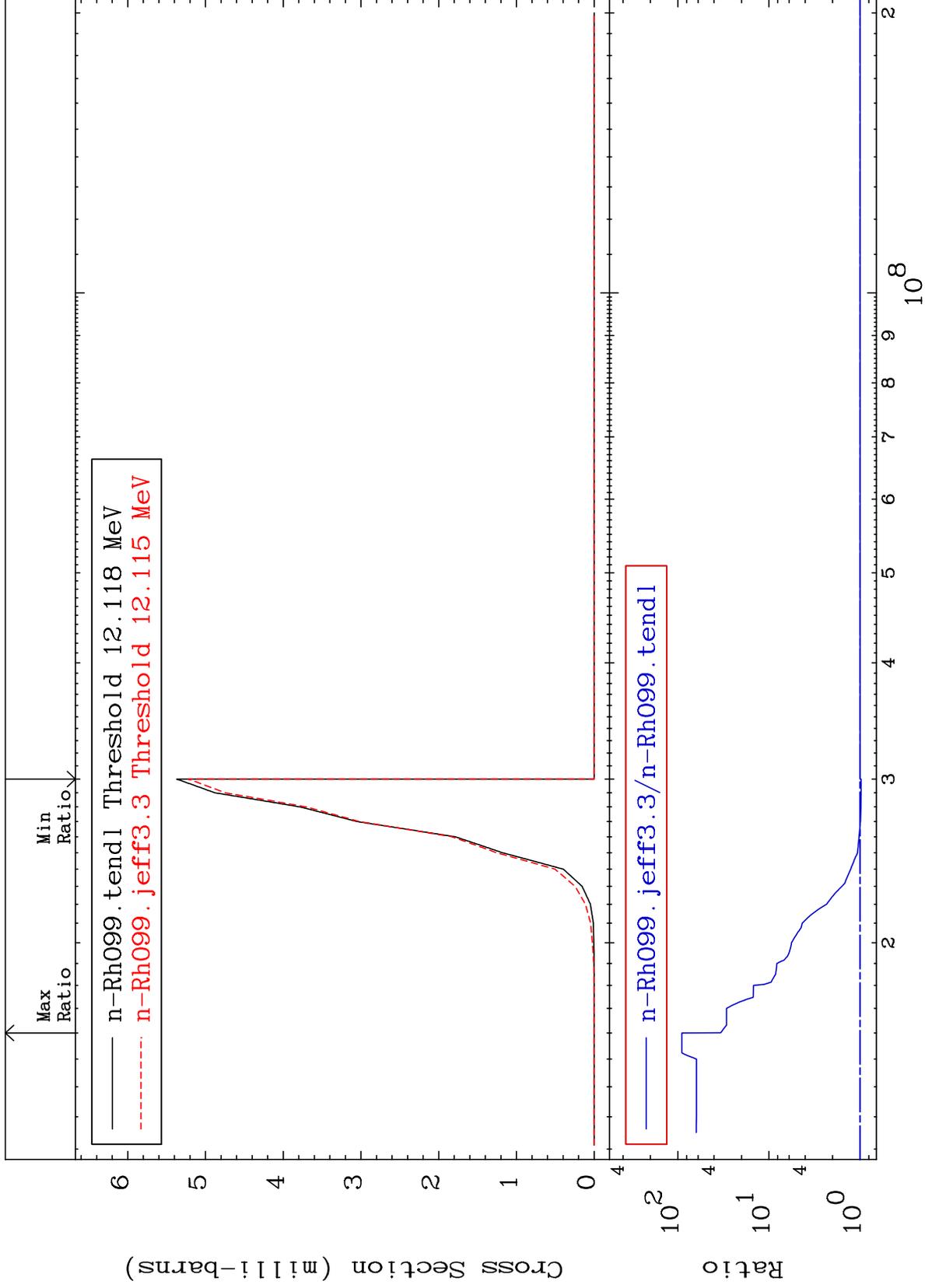


Radionuclide Production Cross Section -3.506 To 9999. %





Radionuclide Production Cross Section -2.802 To 8925. %

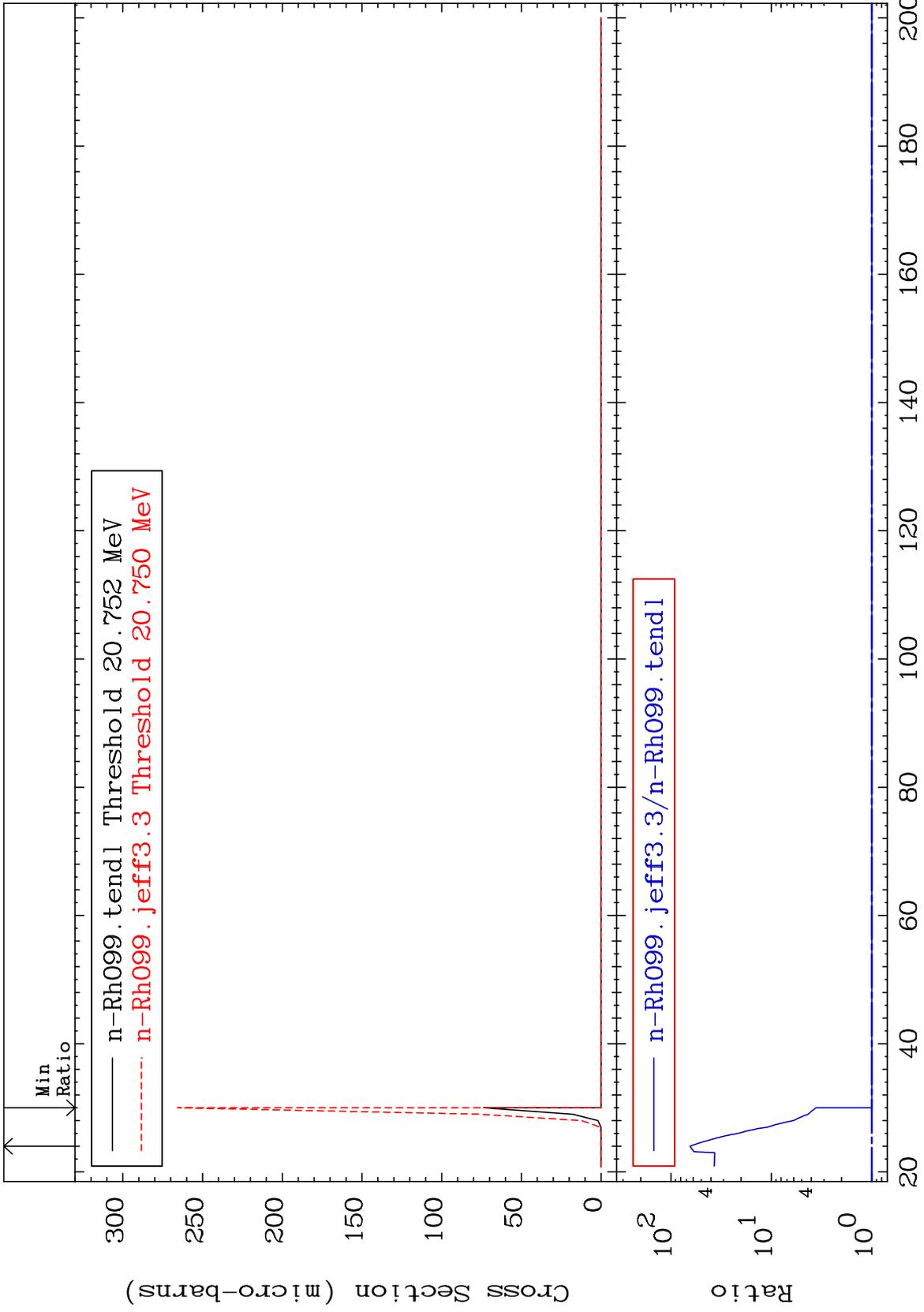


MAT 4513

(n, 3n) α :43-Tc-93g

45-Rh-99

Radionuclide Production Cross Section 0.000 To 6346. %

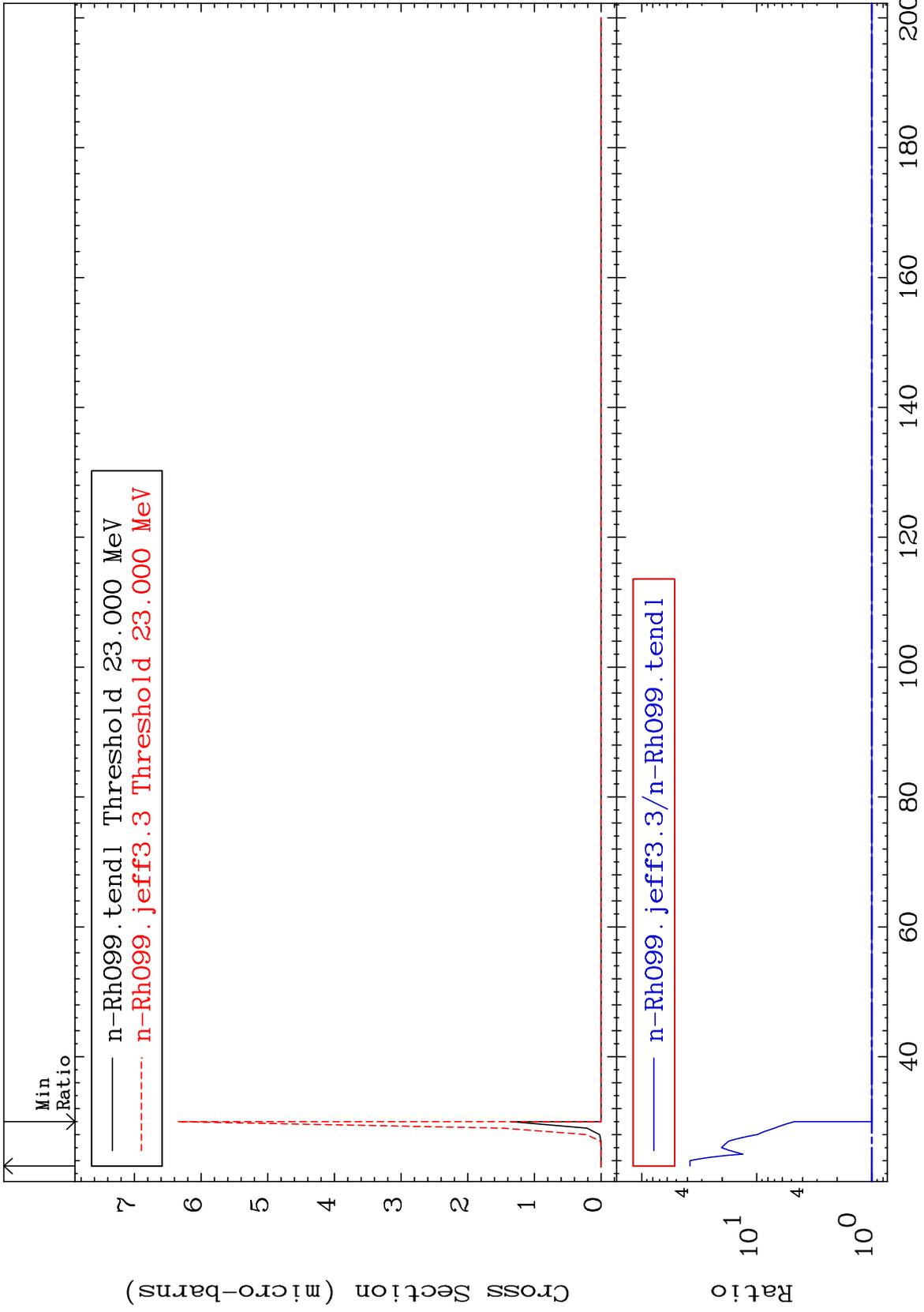


MAT 4513

(n,3n) α : 43-Tc-93m1

45-Rh-99

Radionuclide Production Cross Section 0.000 To 3697. %

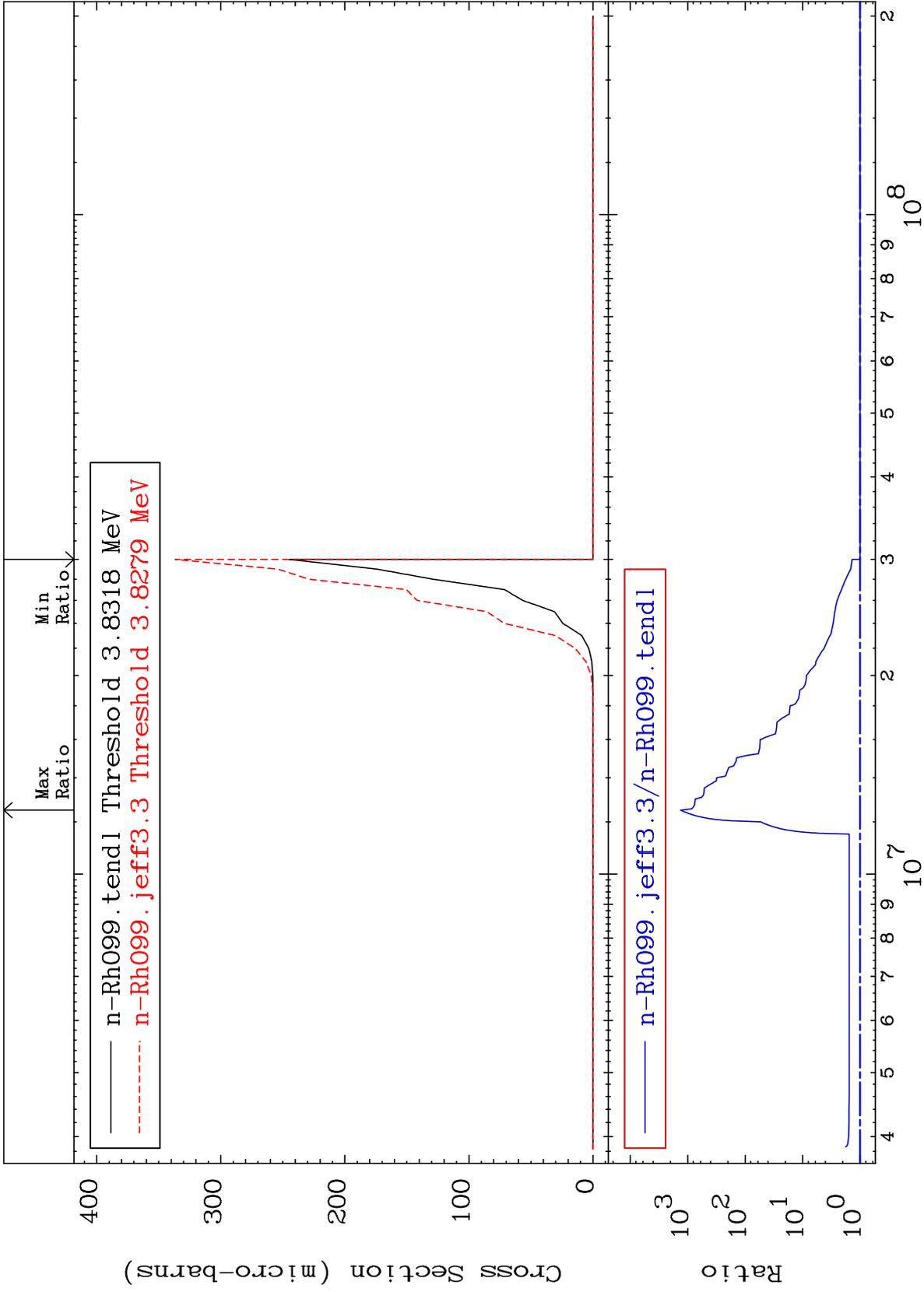


MAT 4513

(n, n') 2α: 41-Nb-91g

45-Rh-99

Radionuclide Production Cross Section 0.000 To 9999. %

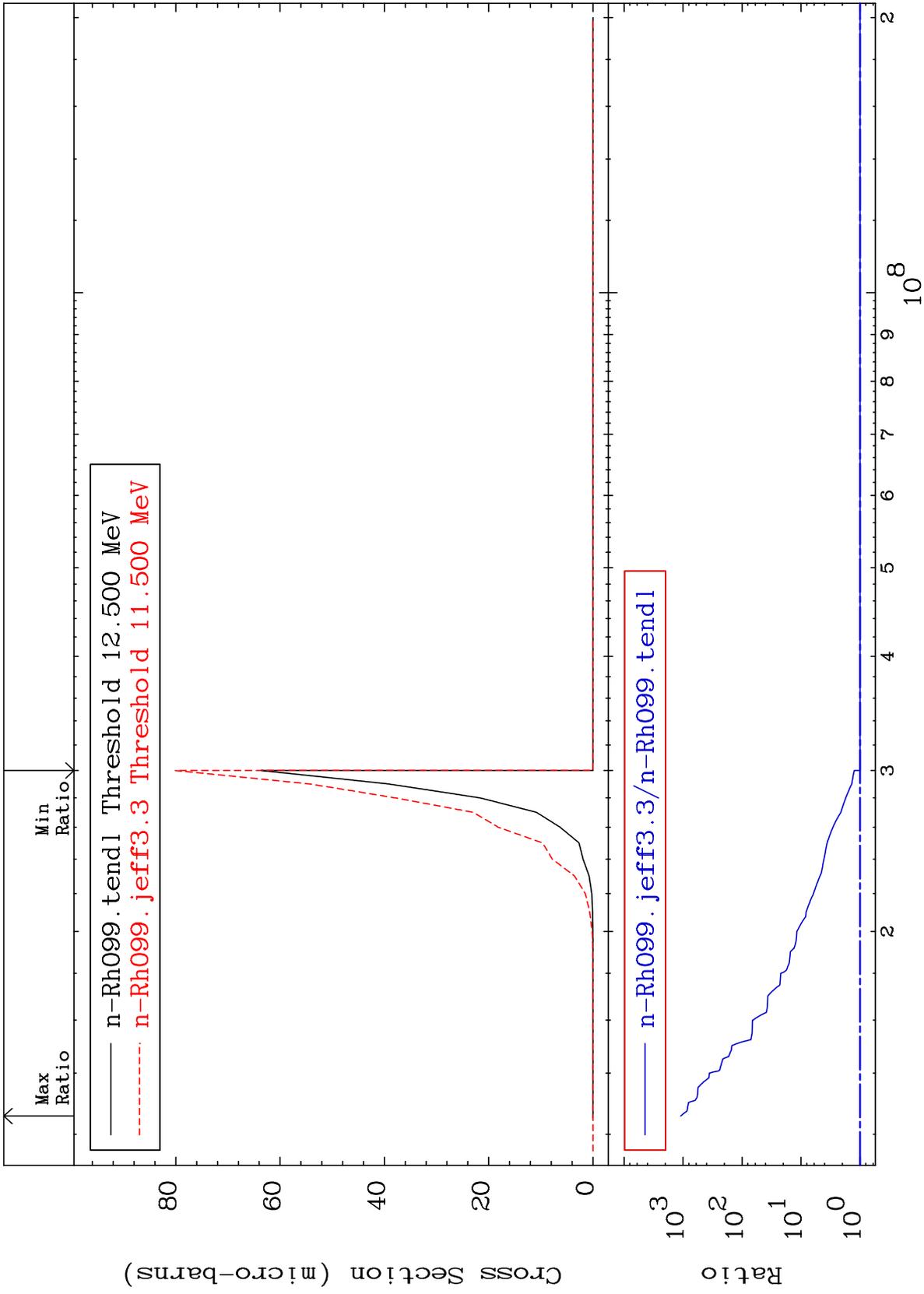


MAT 4513

(n, n') 2α:41-Nb-91m1

45-Rh-99

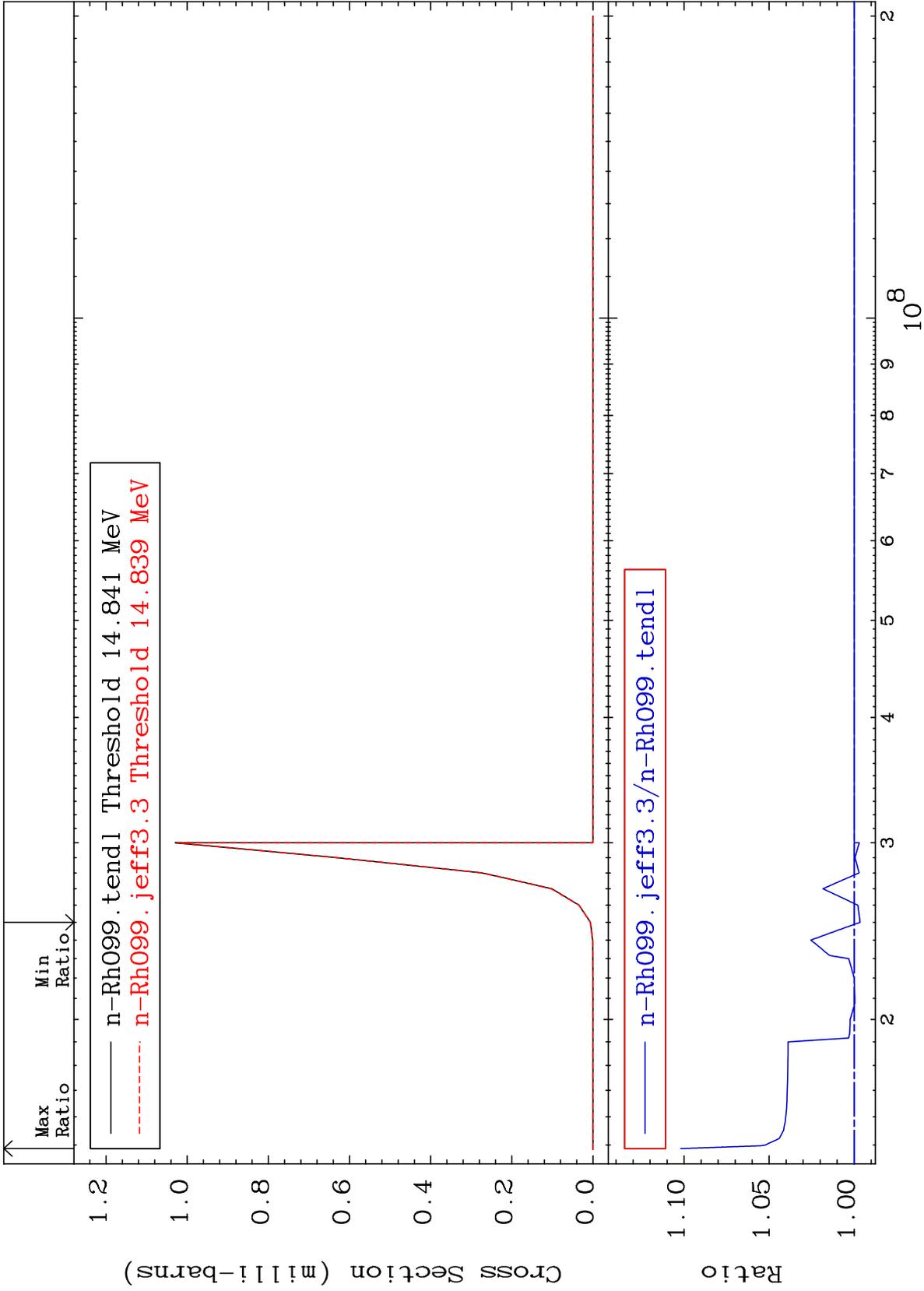
Radionuclide Production Cross Section 0.000 To 9999. %



89

Incident Energy (eV)

45-Rh-99

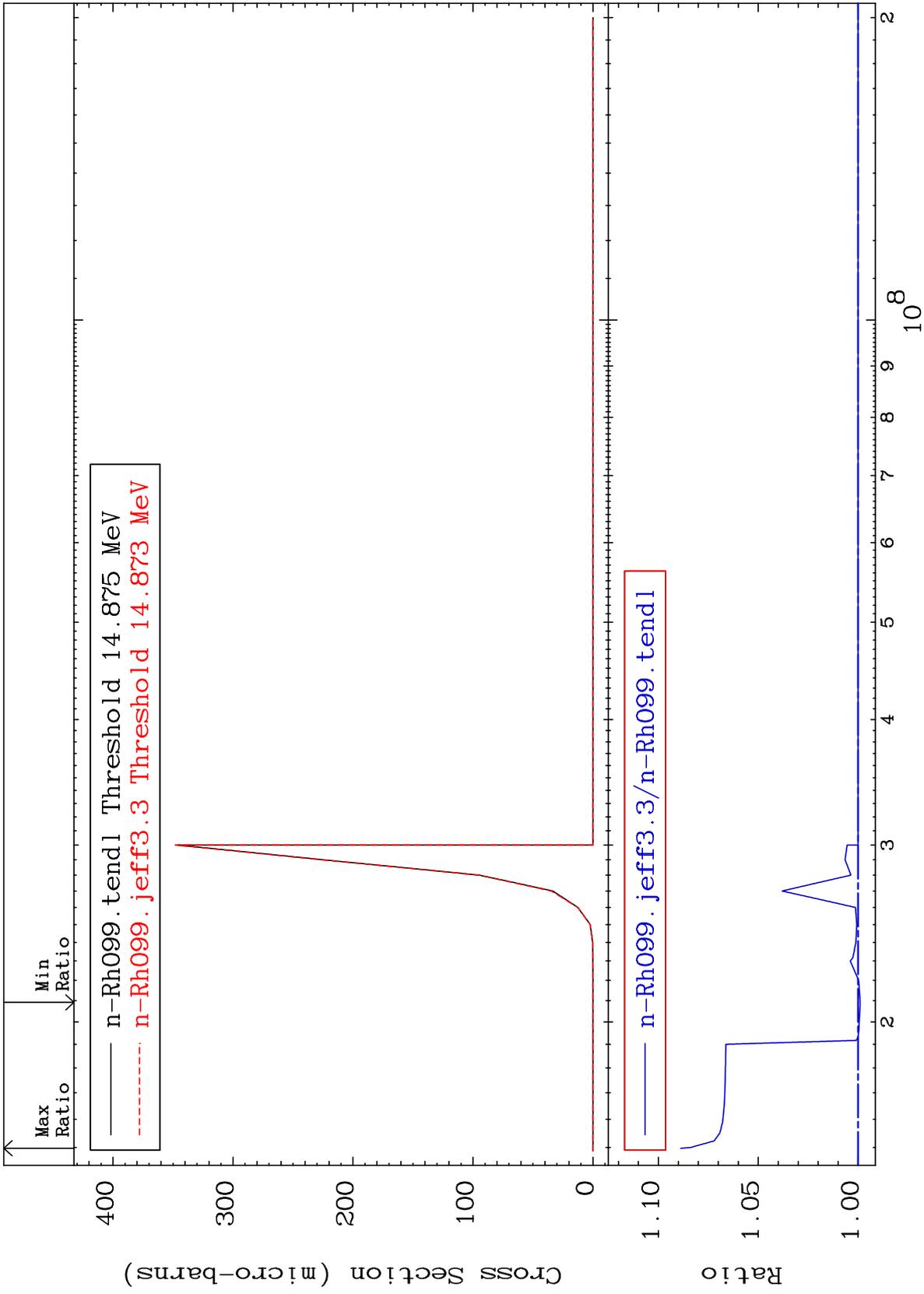


MAT 4513

(n, n') He-3:43-Tc-96m1

45-Rh-99

Radionuclide Production Cross Section -0.100 To 8.880 %

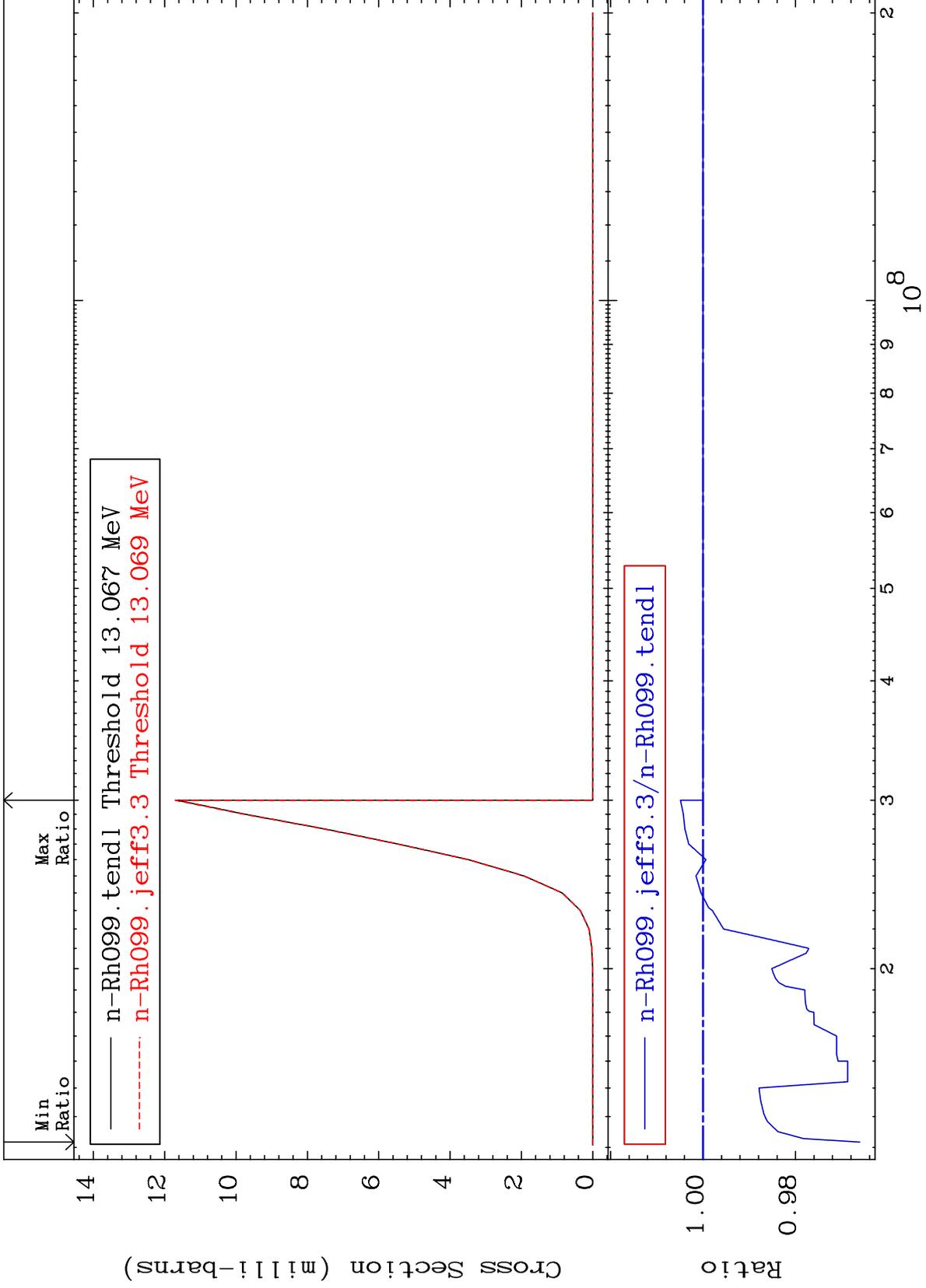


MAT 4513

(n,2n) p:43-Tc-97g

45-Rh-99

Radionuclide Production Cross Section -3.389 To 0.487 %

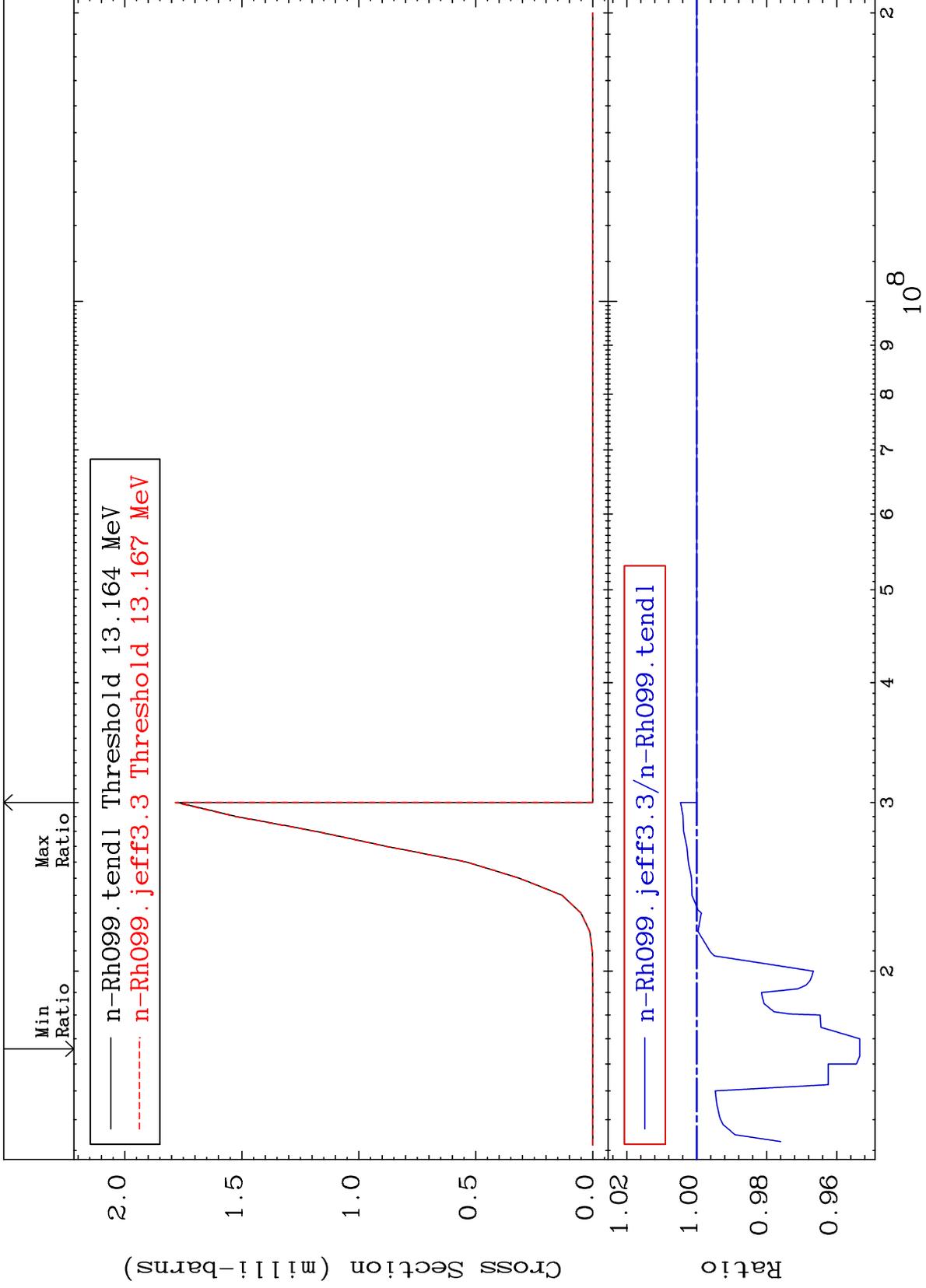


92

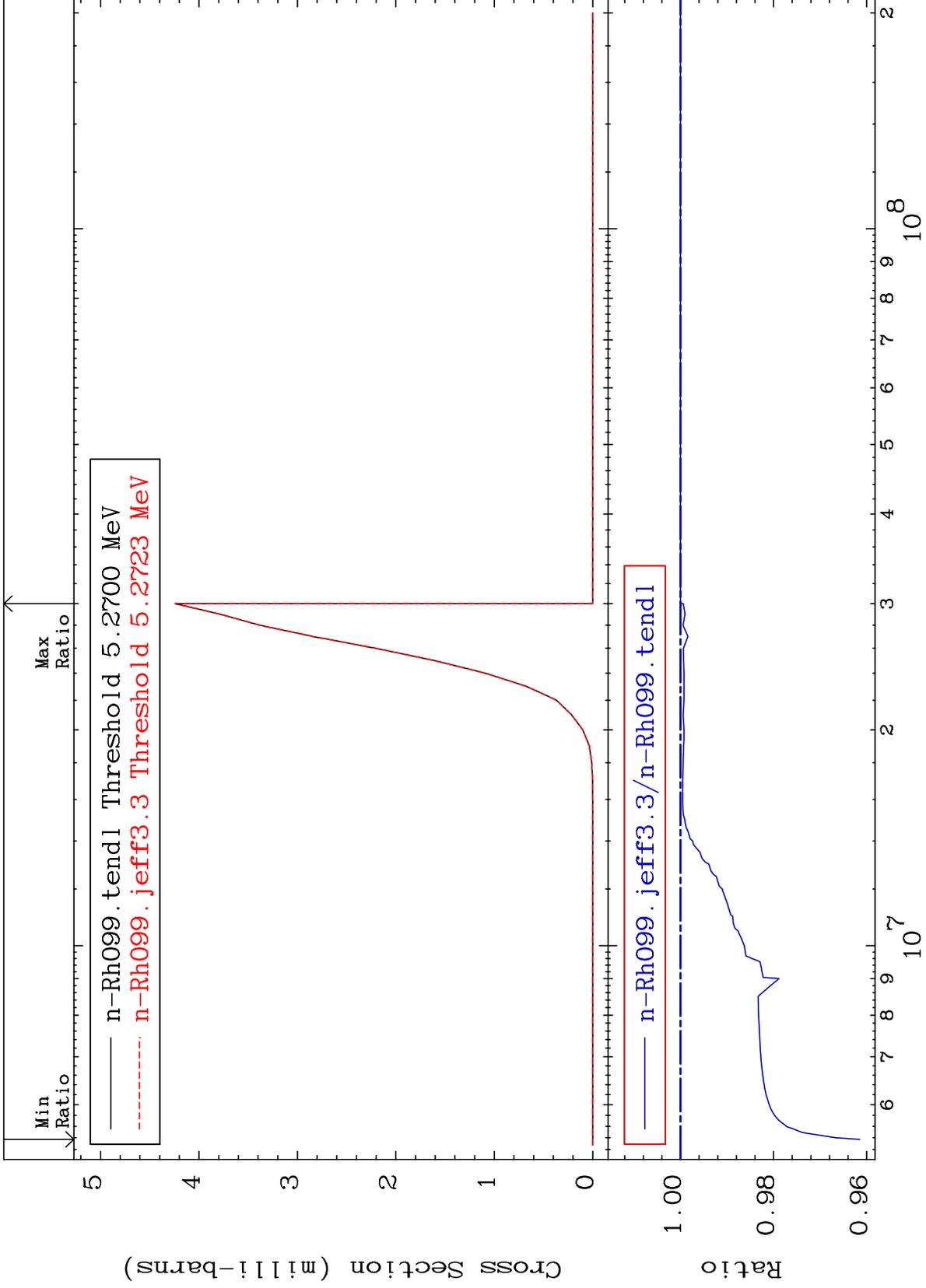
Incident Energy (eV)

45-Rh-99

Radionuclide Production Cross Section -4.659 To 0.464 %



Radionuclide Production Cross Section -3.851 To 0.000 %

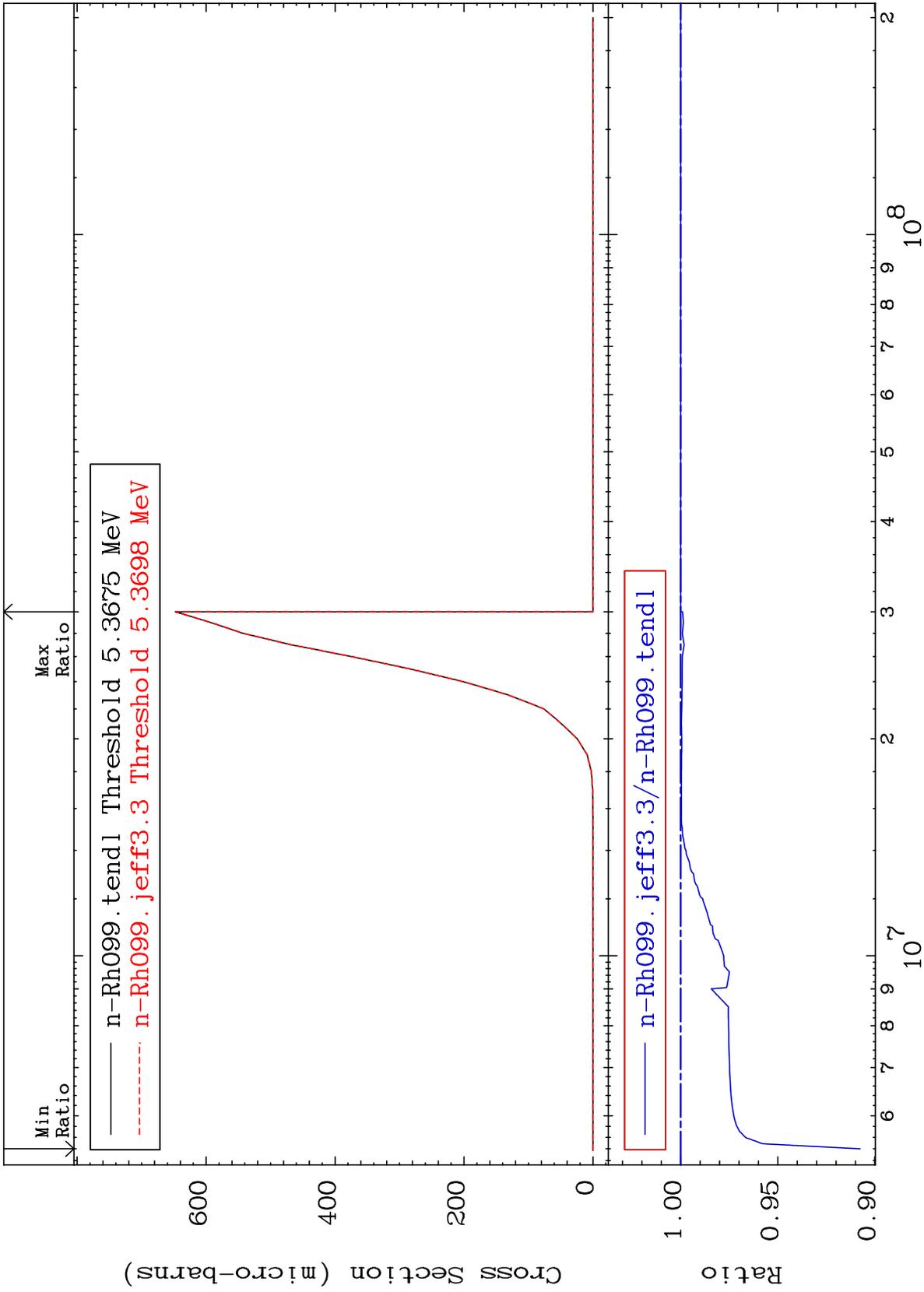


MAT 4513

(n, He-3) : 43-Tc-97m1

45-Rh-99

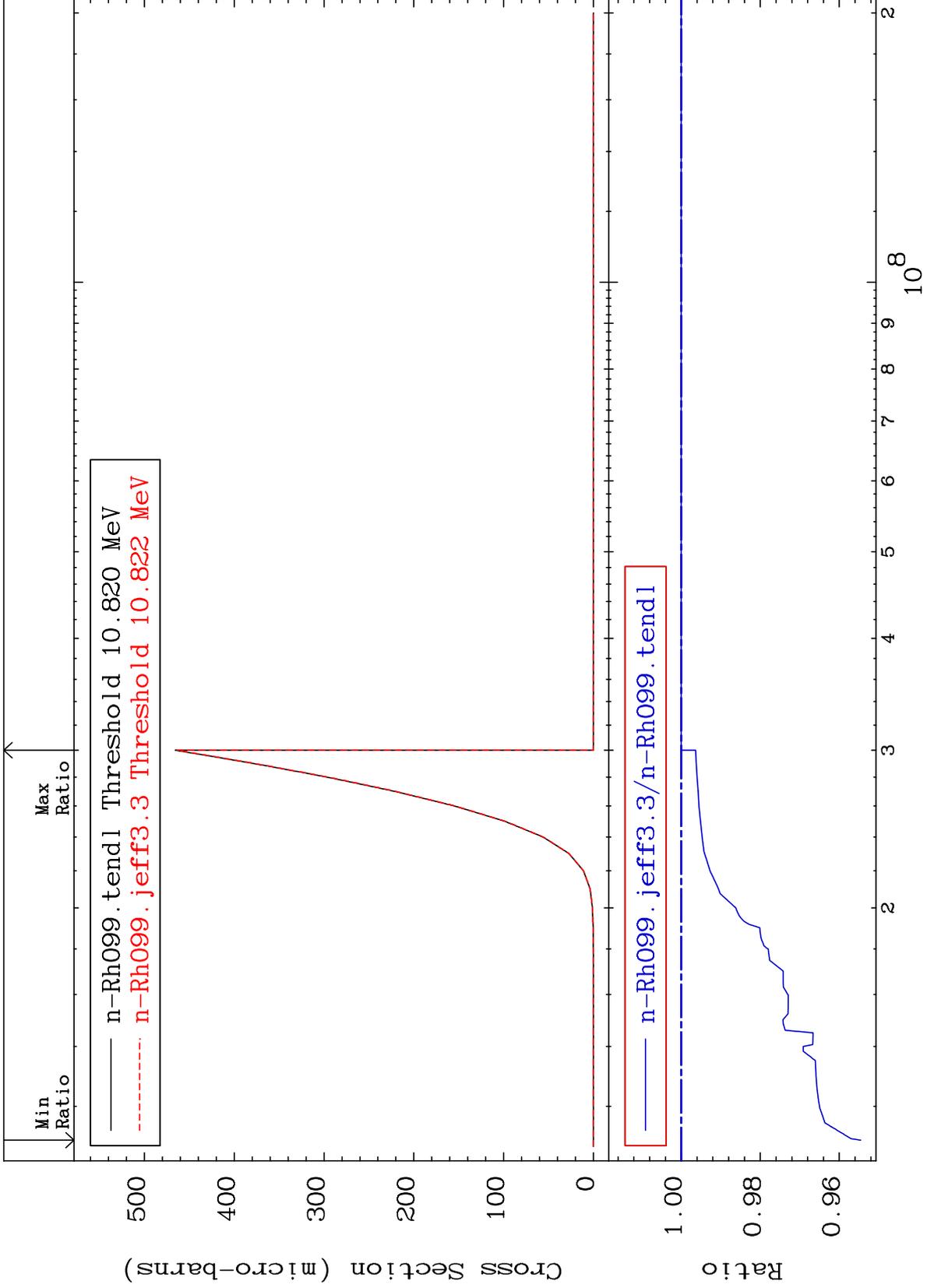
Radionuclide Production Cross Section -9.242 To 0.000 %



95

45-Rh-99

(n, p) d: 43-Tc-97g
Radionuclide Production Cross Section -4.543 To 0.000 %

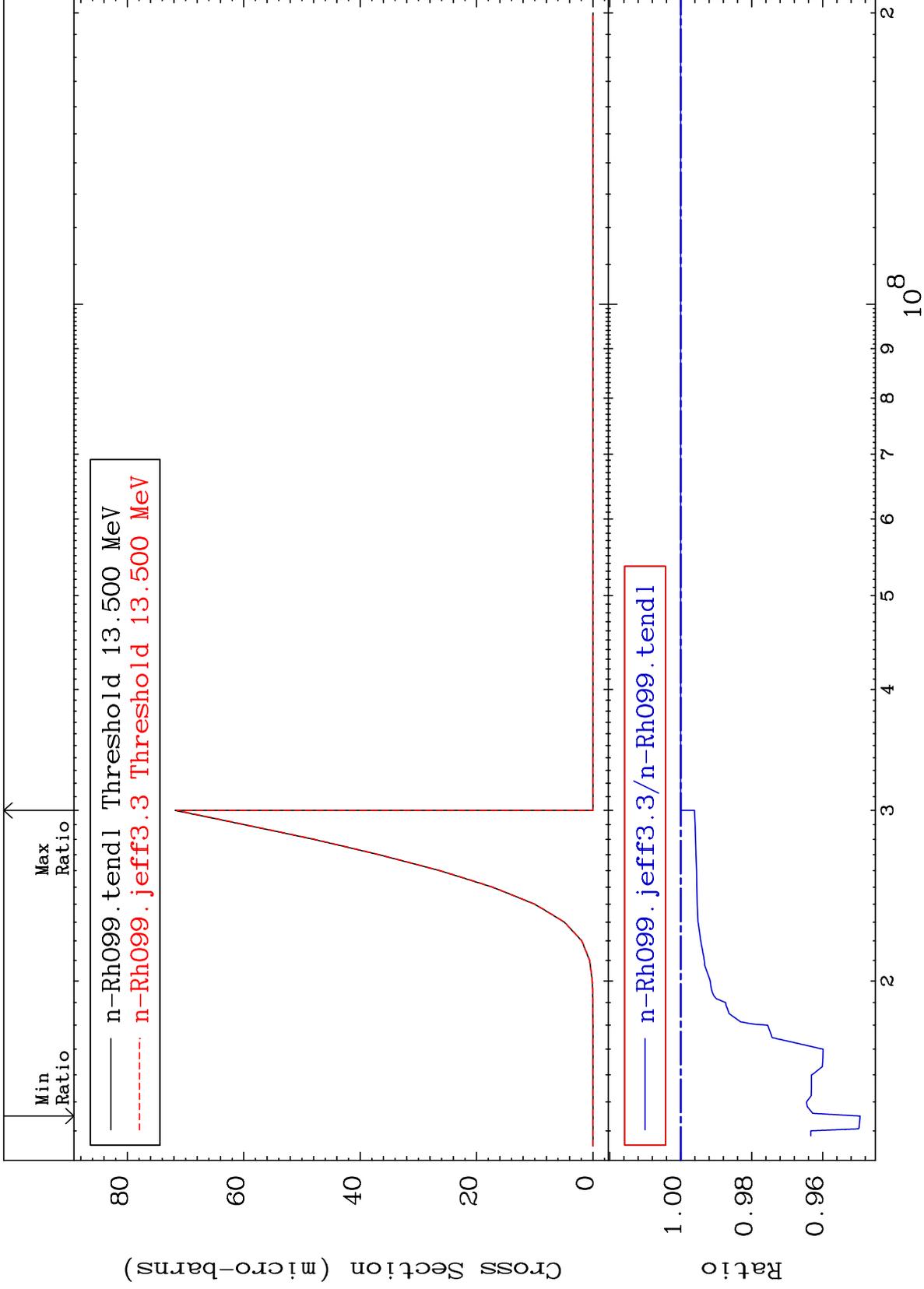


MAT 4513

(n, p) d:43-Tc-97m1

45-Rh-99

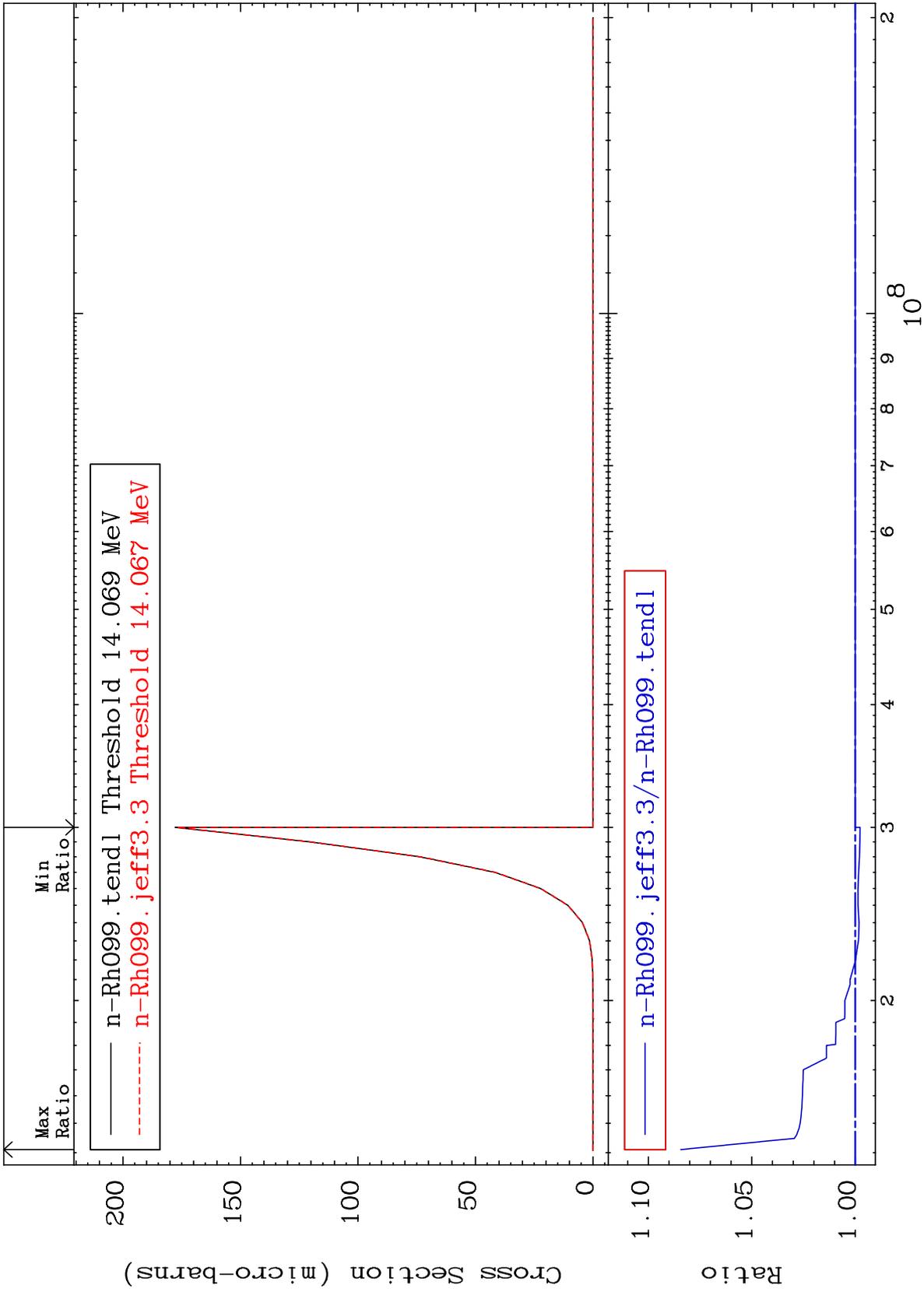
Radionuclide Production Cross Section -5.056 To 0.000 %



97

Incident Energy (eV)

45-Rh-99

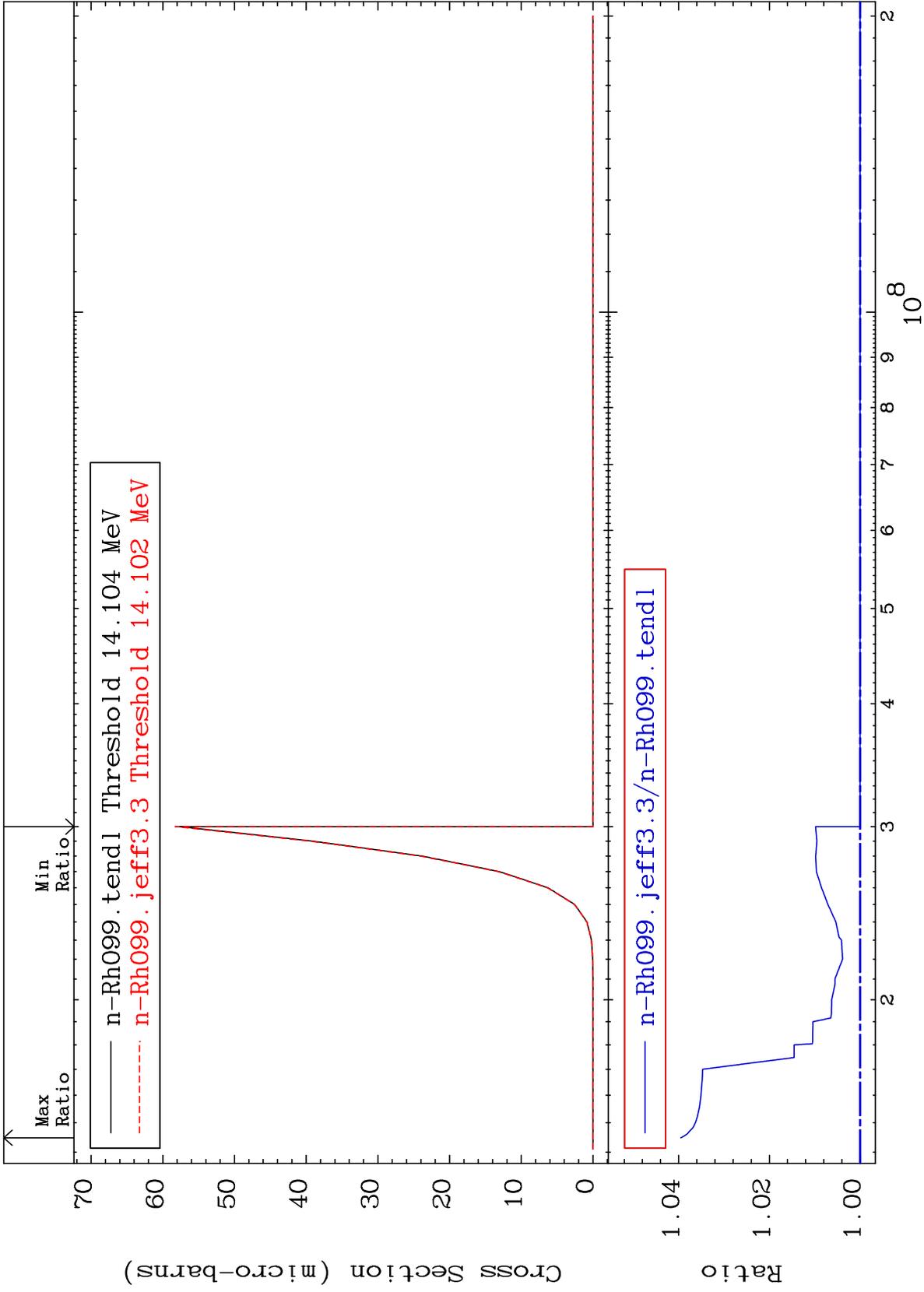


MAT 4513

(n, p) t: 43-Tc-96m1

45-Rh-99

Radionuclide Production Cross Section 0.000 To 3.954 %



99

Incident Energy (eV)

45-Rh-99