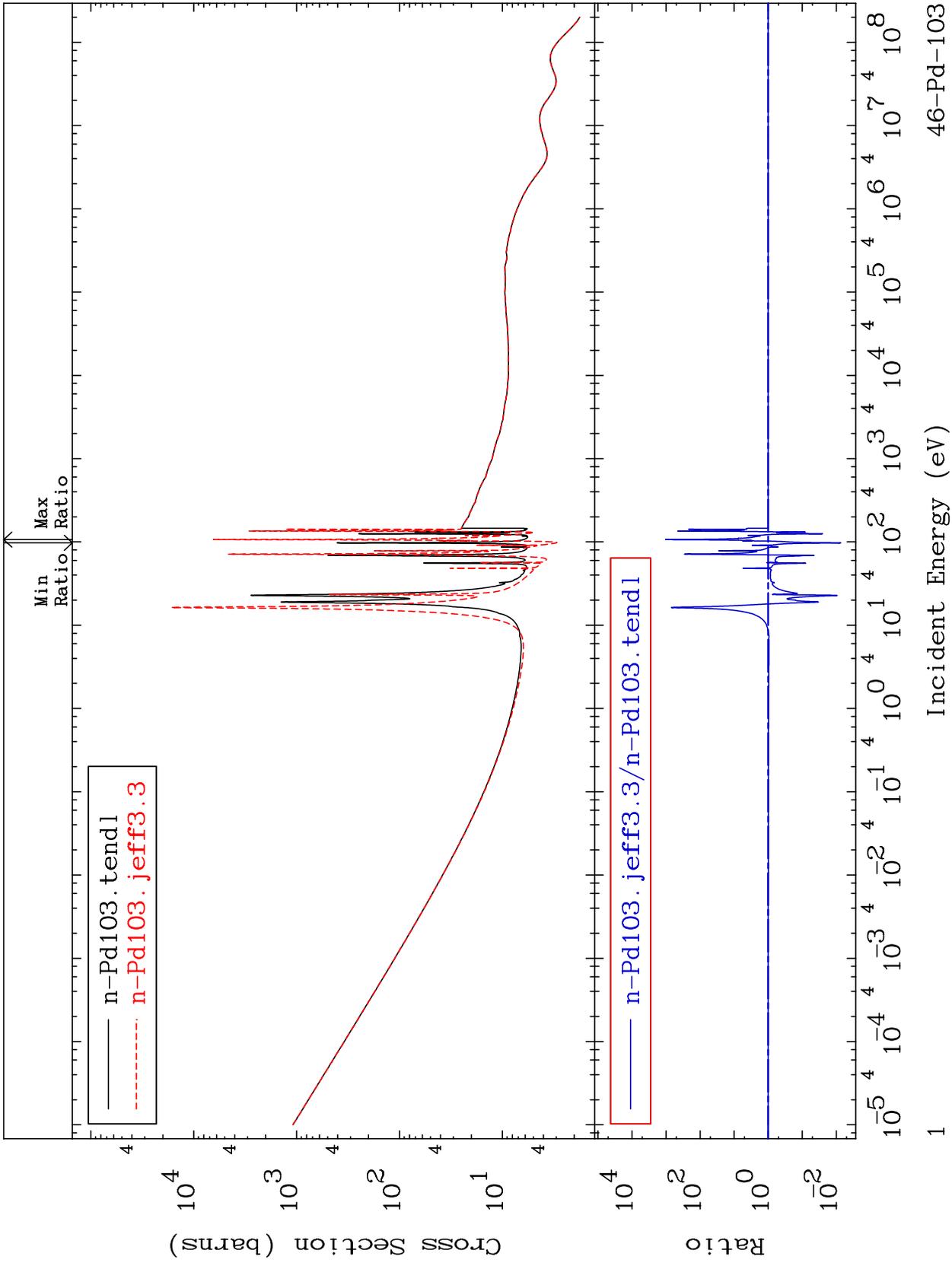


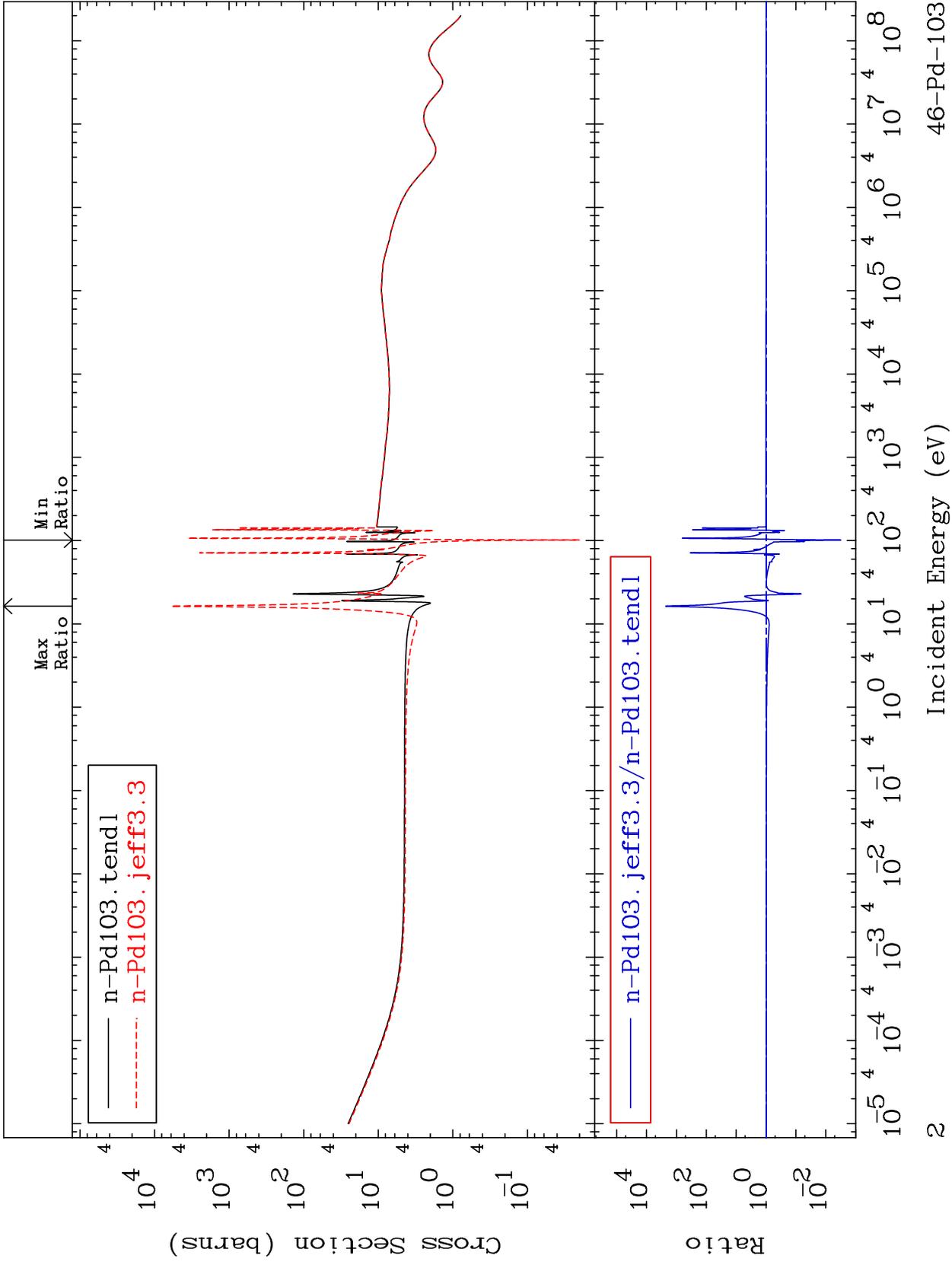
MAT 4628

Total Cross Section
46-Pd-103
-99.26 To 9999. %



MAT 4628

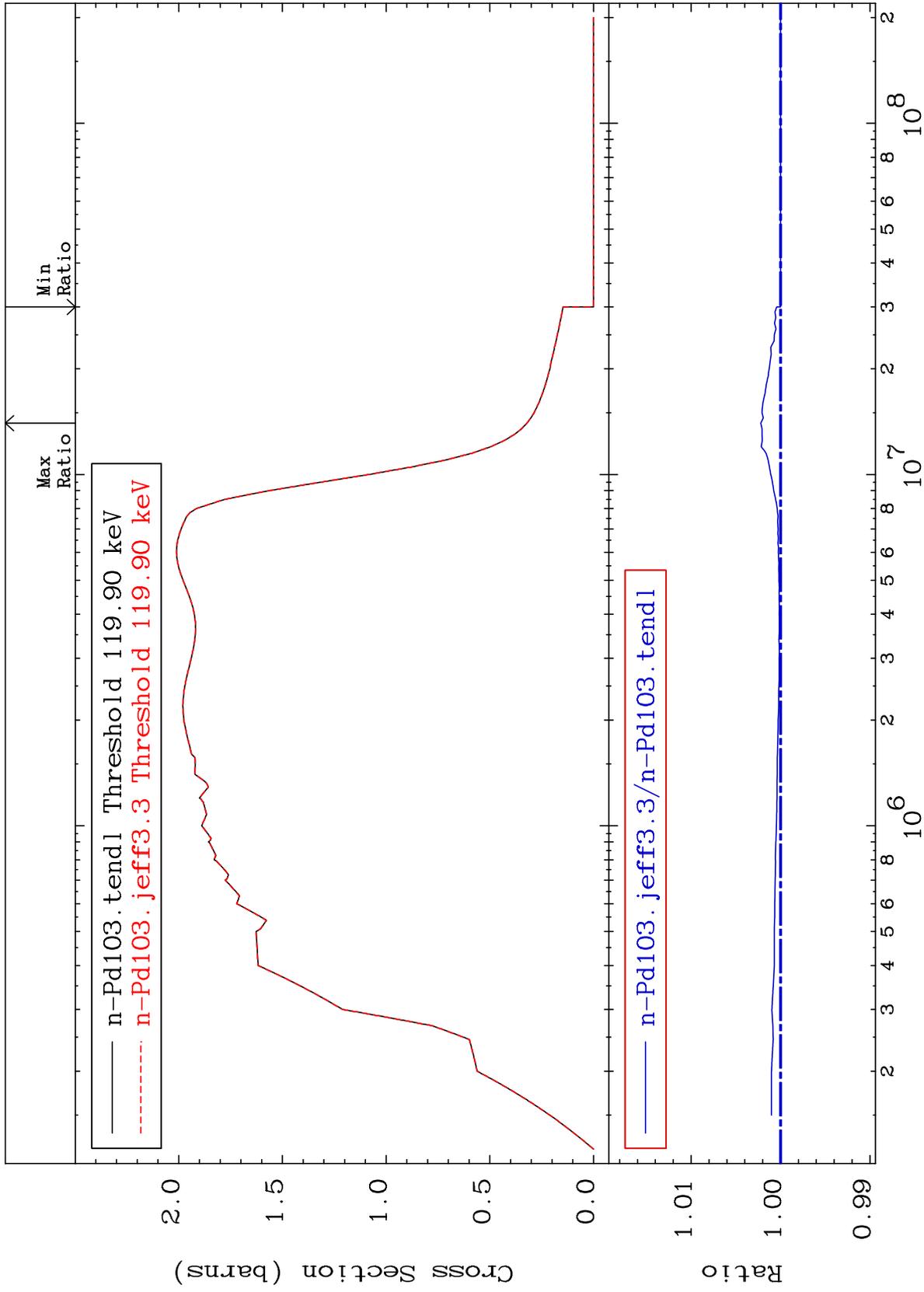
Elastic Cross Section 46-Pd-103
-99.69 To 9999. %



MAT 4628

Inelastic
Cross Section

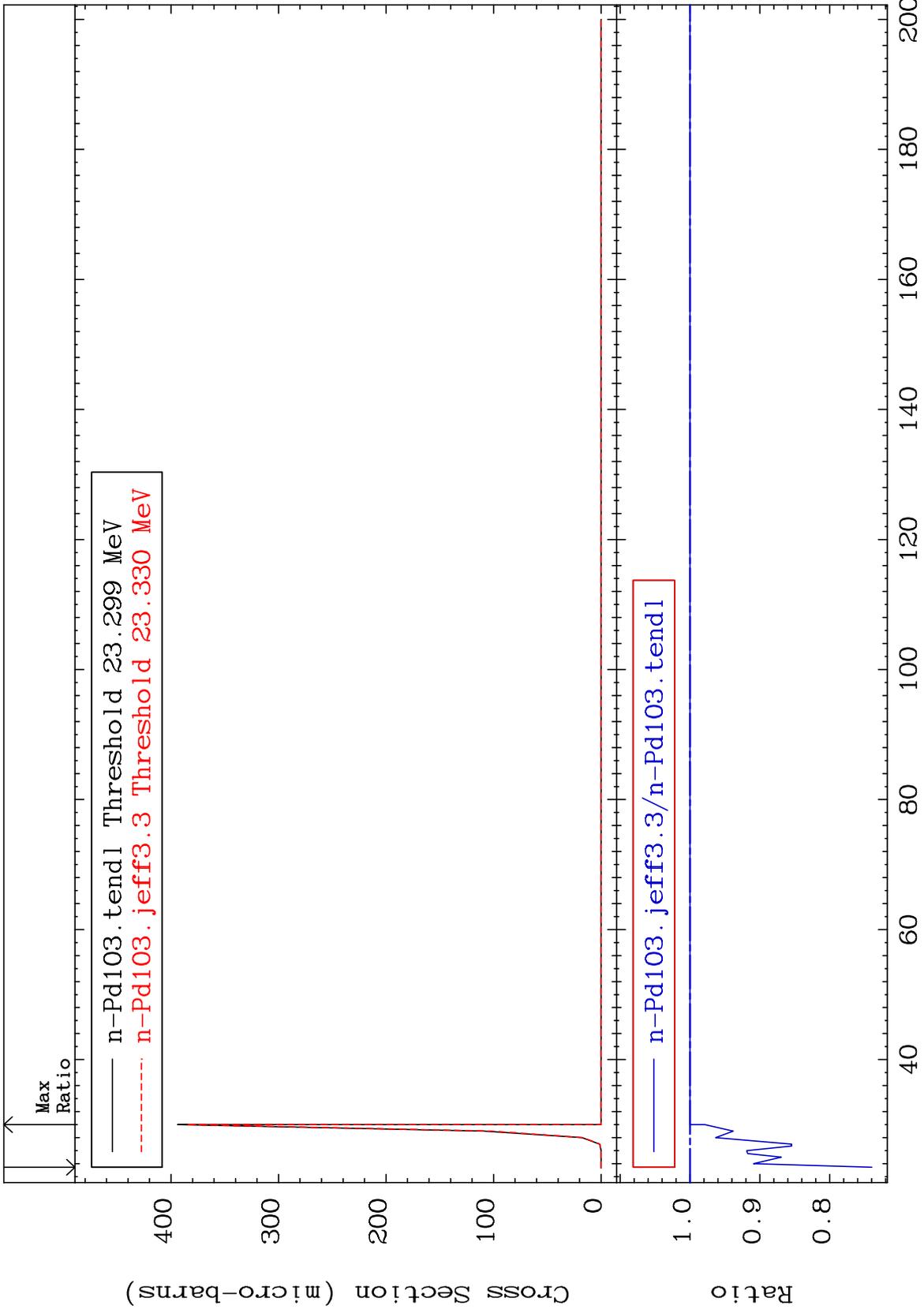
46-Pd-103
0.000 To 0.221 %



MAT 4628

(n,2n) d
Cross Section

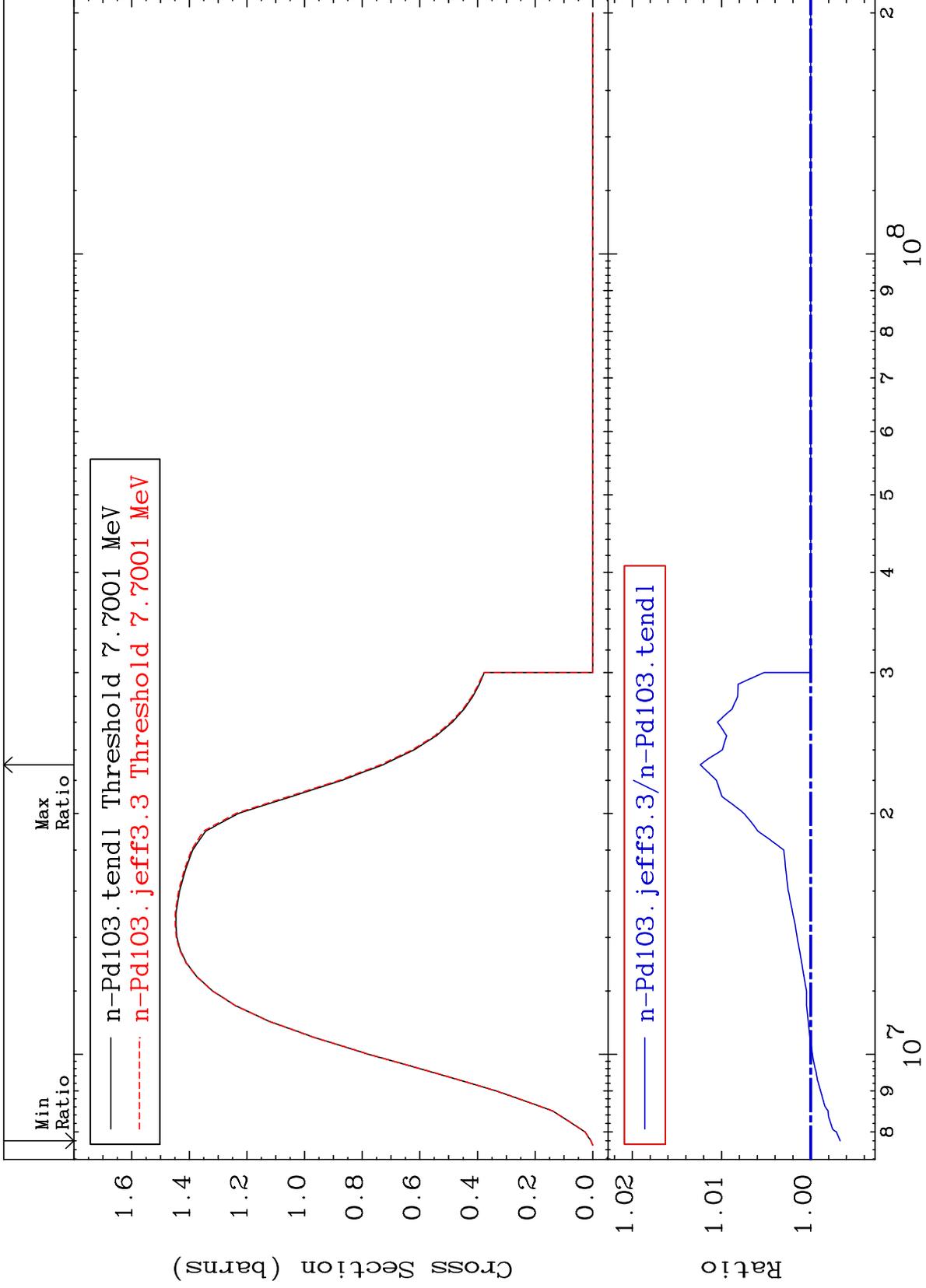
46-Pd-103
-26.03 To 0.000 %



MAT 4628

(n,2n)
Cross Section

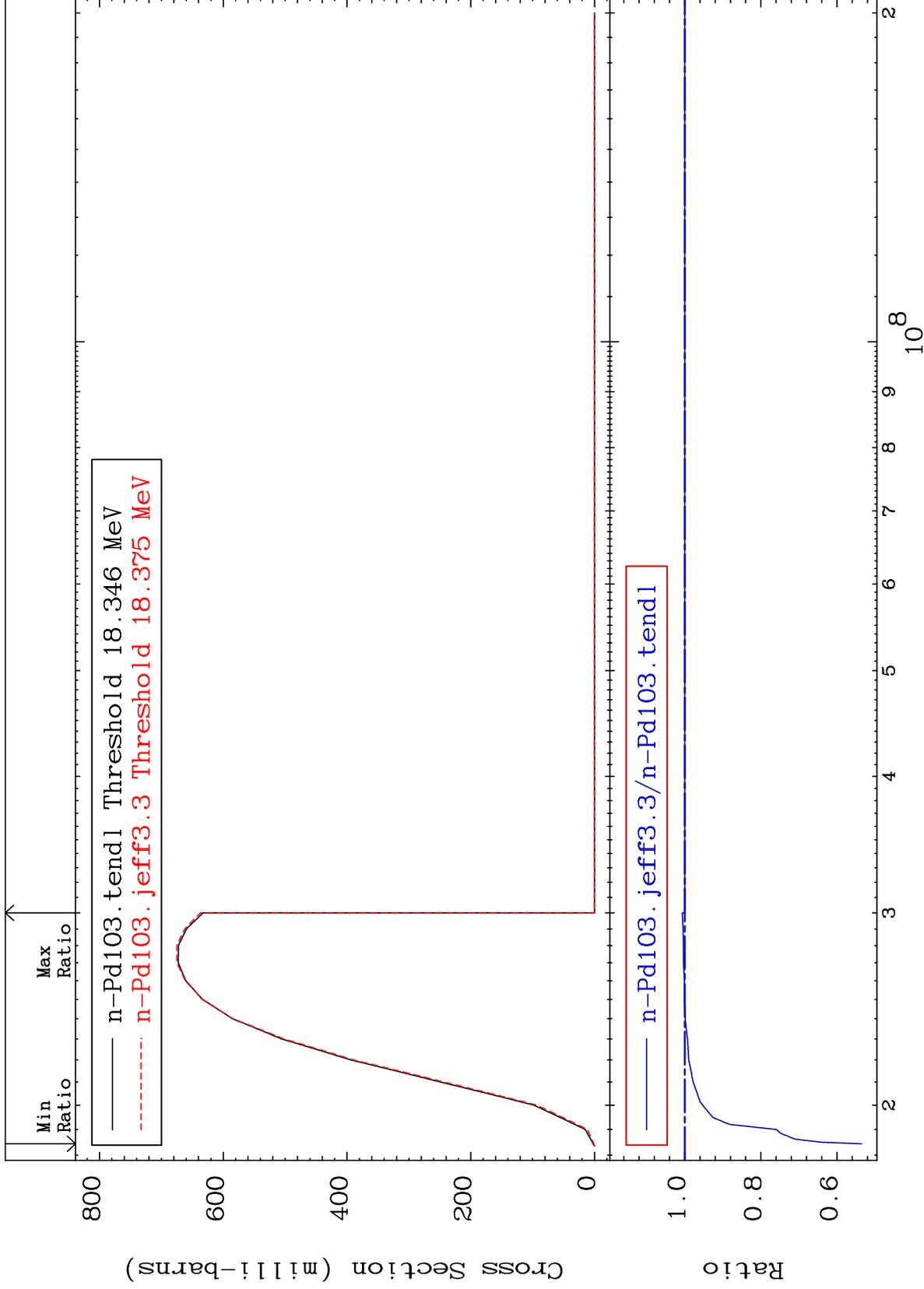
46-Pd-103
-0.329 To 1.238 %



MAT 4628

(n,3n)
Cross Section

46-Pd-103
-46.48 To 0.637 %



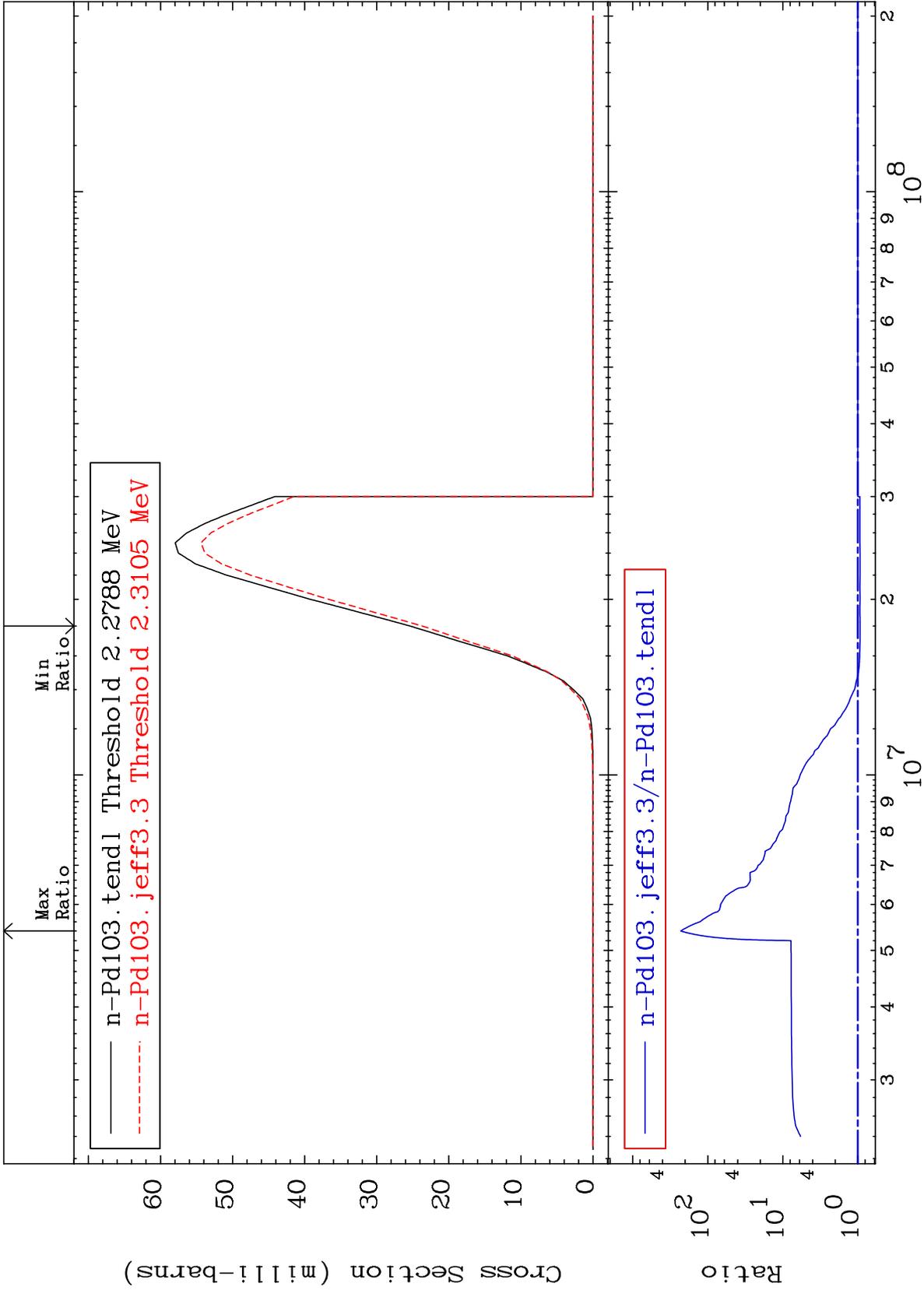
6

46-Pd-103

46-Pd-103

MAT 4628

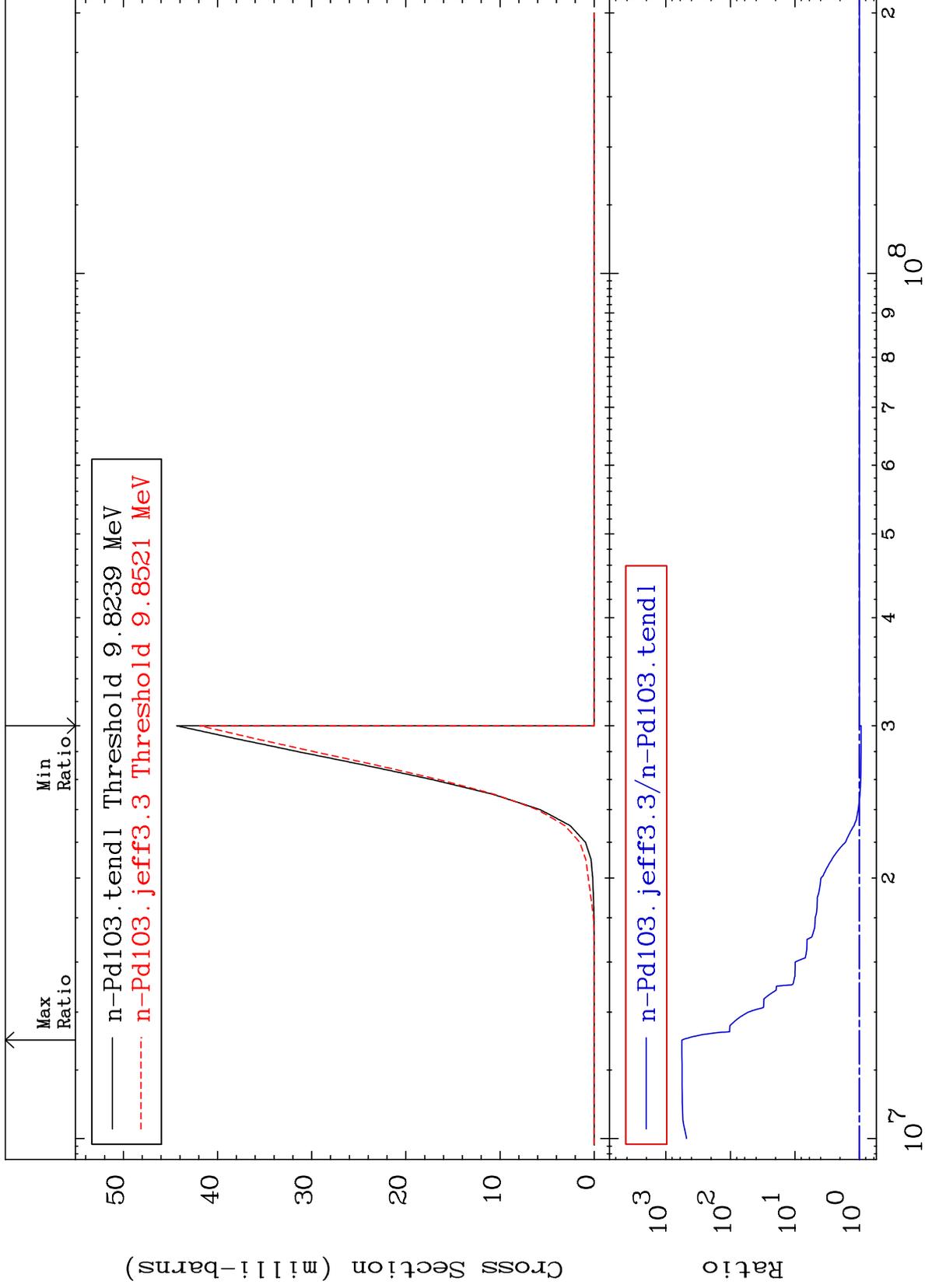
(n, n') α
Cross Section
46-Pd-103
-6.701 To 9999. %



MAT 4628

(n,2n) α
Cross Section

46-Pd-103
-5.531 To 9999. %

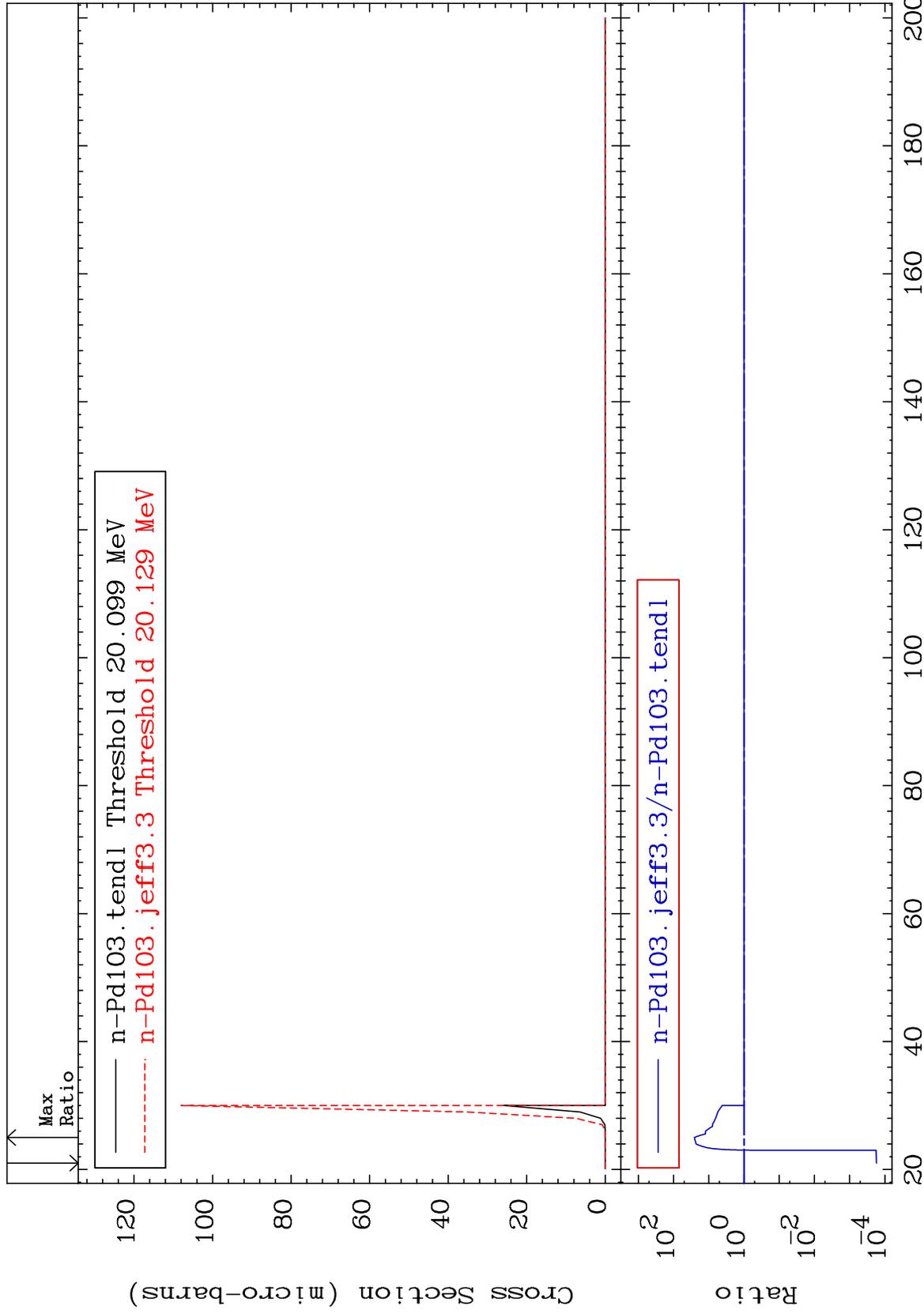


46-Pd-103

MAT 4628

(n,3n) α
Cross Section

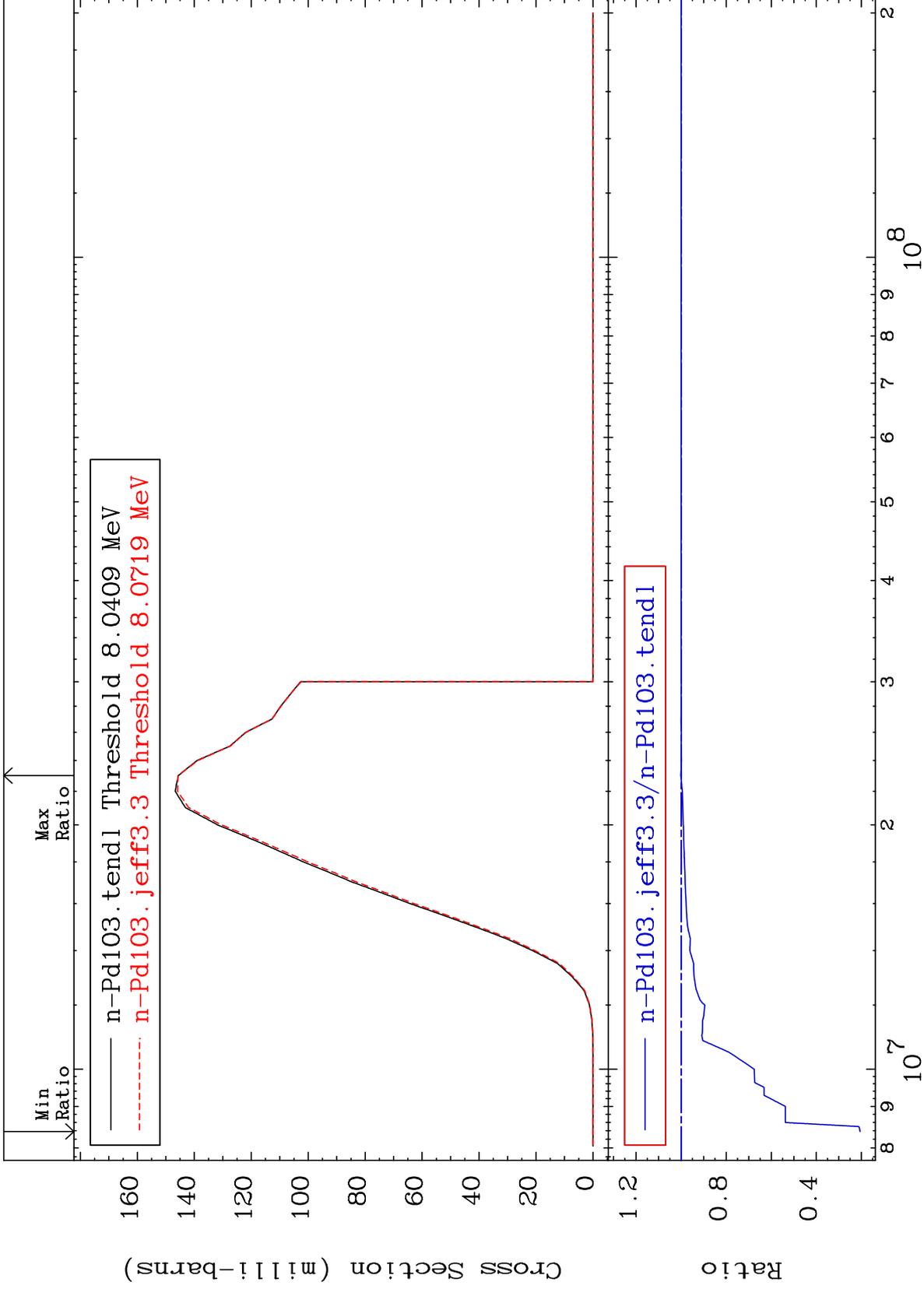
46-Pd-103
-99.98 To 2469. %



MAT 4628

(n,n') p
Cross Section

46-Pd-103
-79.40 To 0.129 %



10

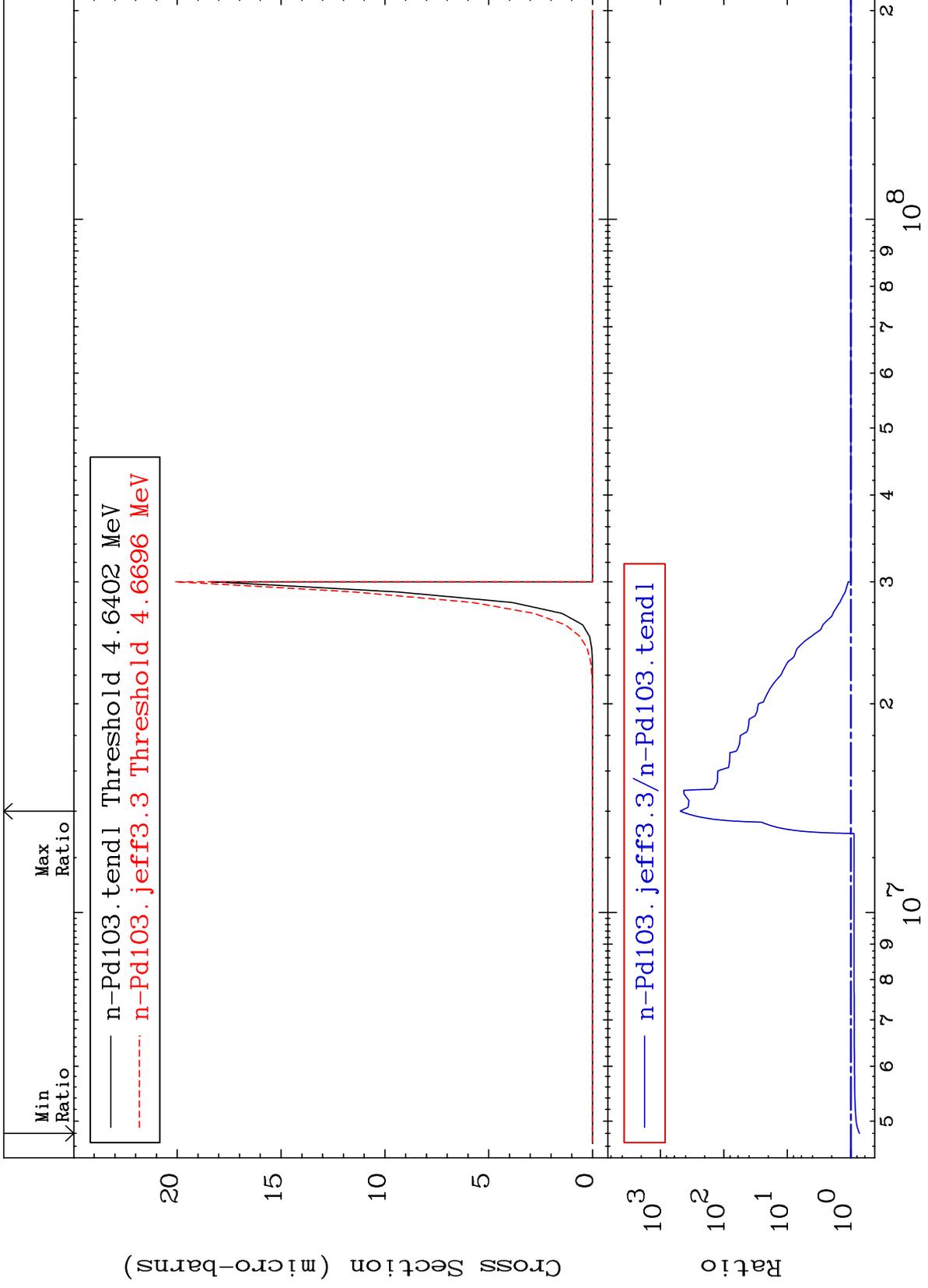
Incident Energy (eV)

46-Pd-103

MAT 4628

(n, n') 2α
Cross Section

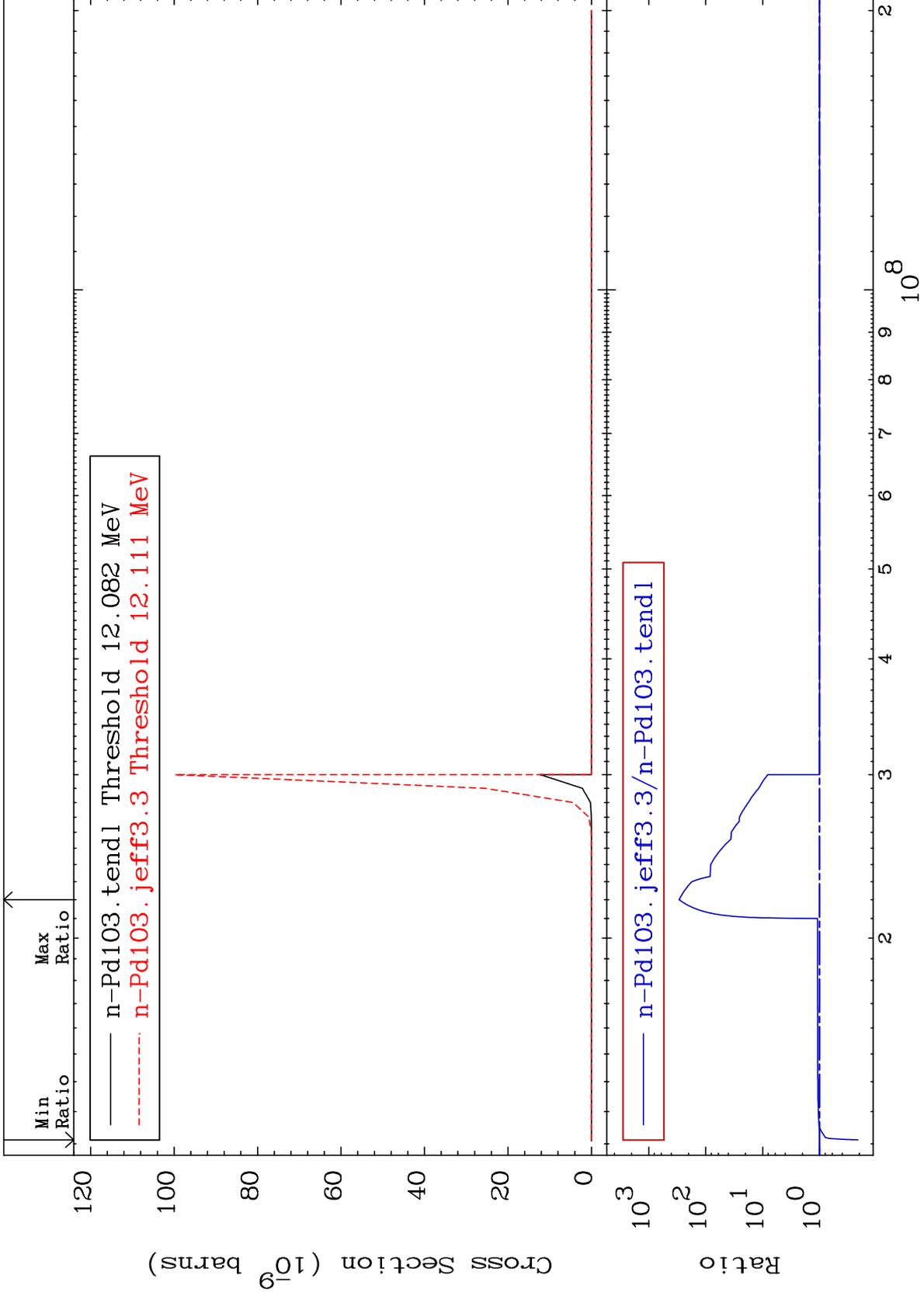
46-Pd-103
-26.93 To 9999. %



MAT 4628

(n,2n) 2 α
Cross Section

46-Pd-103
-78.73 To 9999. %



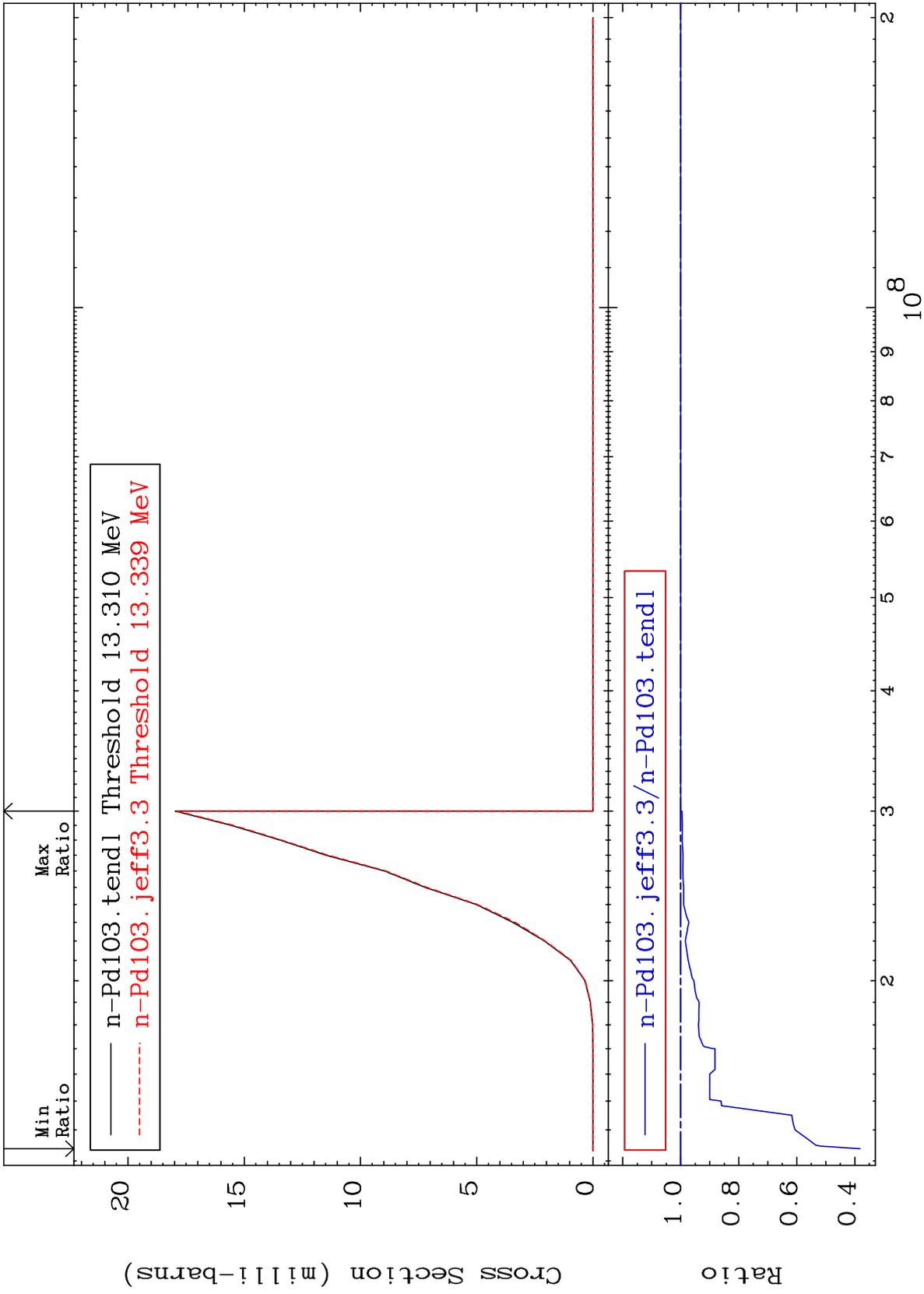
MAT 4628

(n,n') d

46-Pd-103

Cross Section

-61.84 To 0.000 %



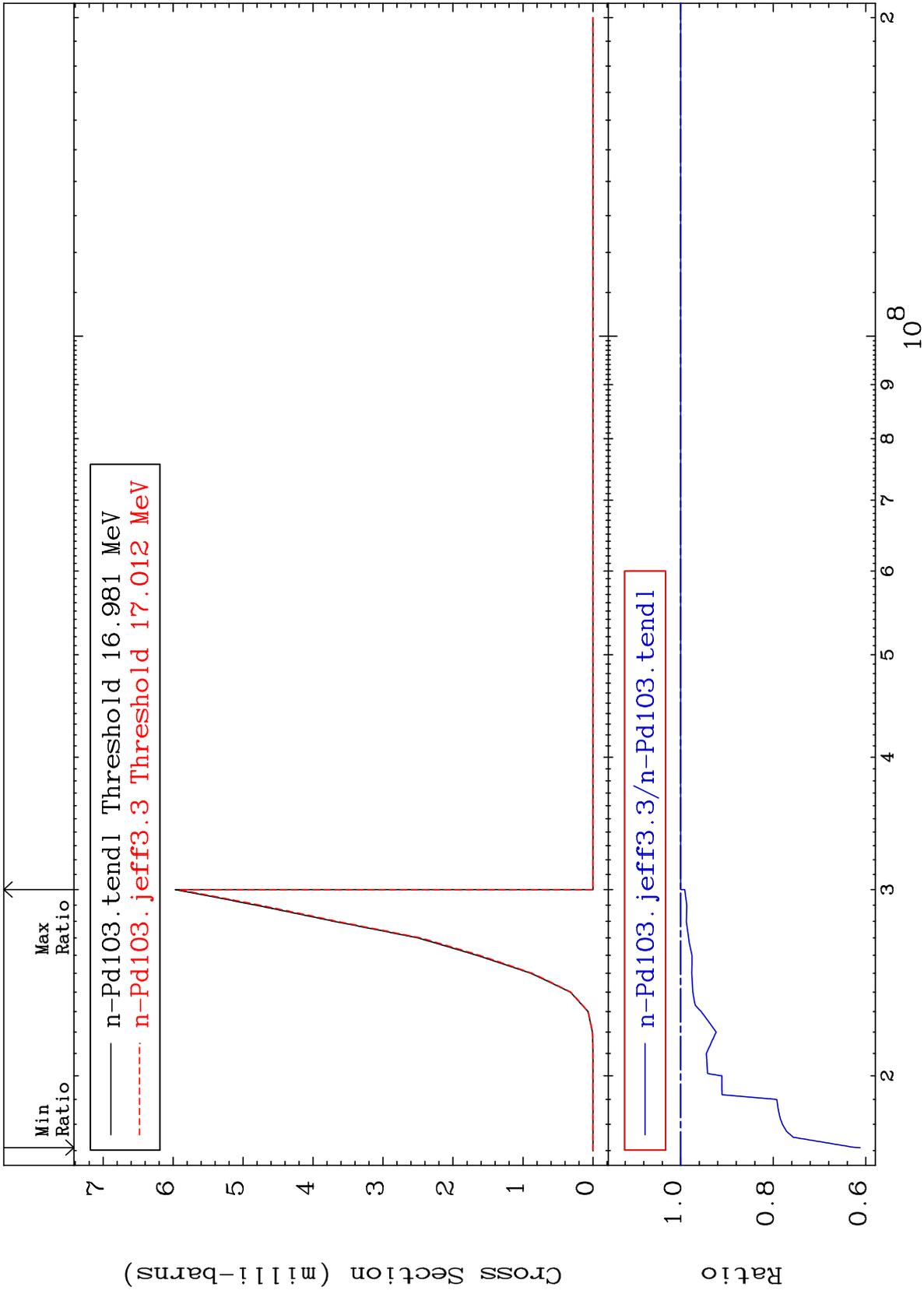
MAT 4628

(n,n') t

46-Pd-103

Cross Section

-38.77 To 0.000 %



14

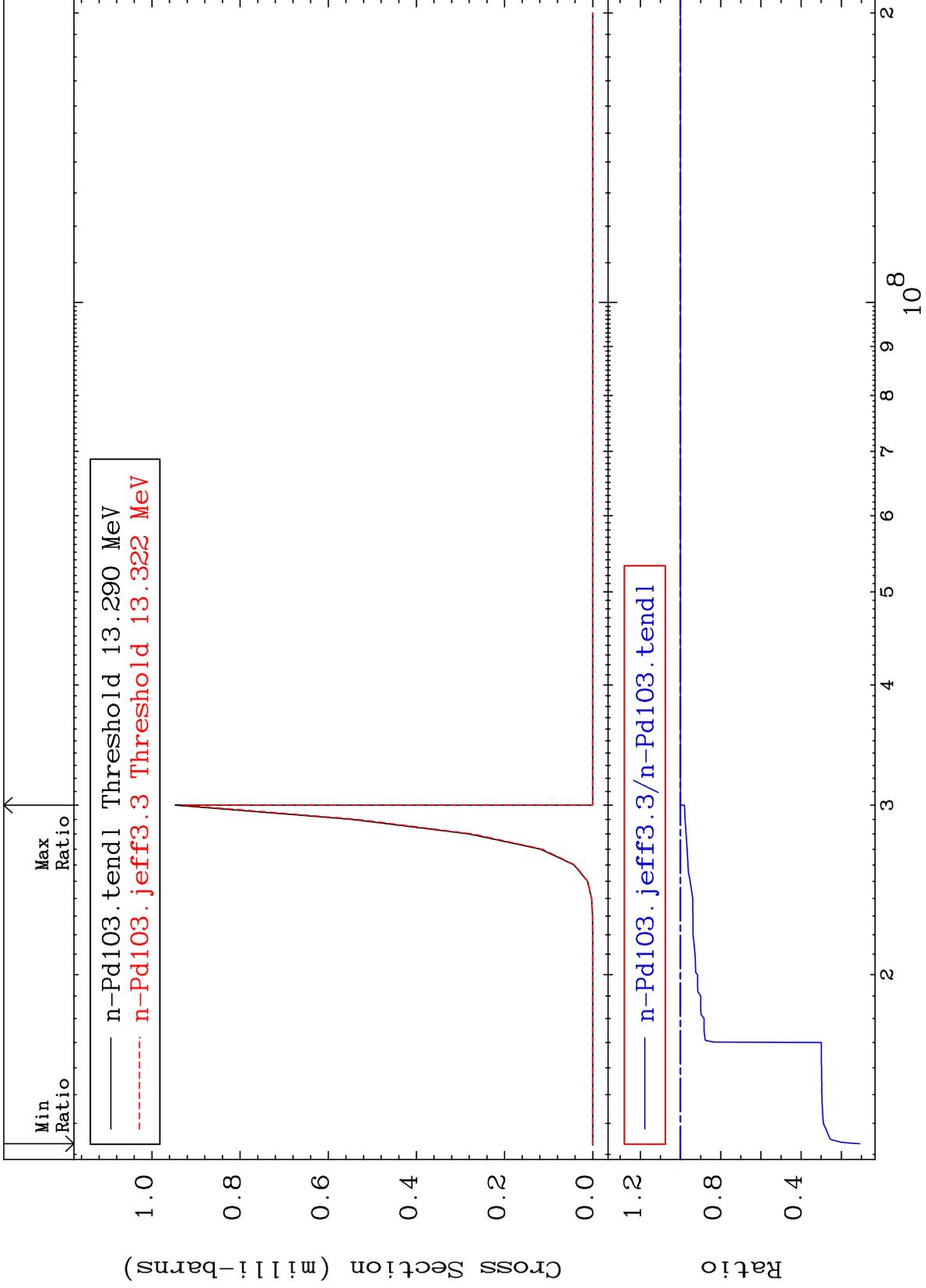
Incident Energy (eV)

46-Pd-103

MAT 4628

(n, n') He-3
Cross Section

46-Pd-103
-89.18 To 0.000 %



15

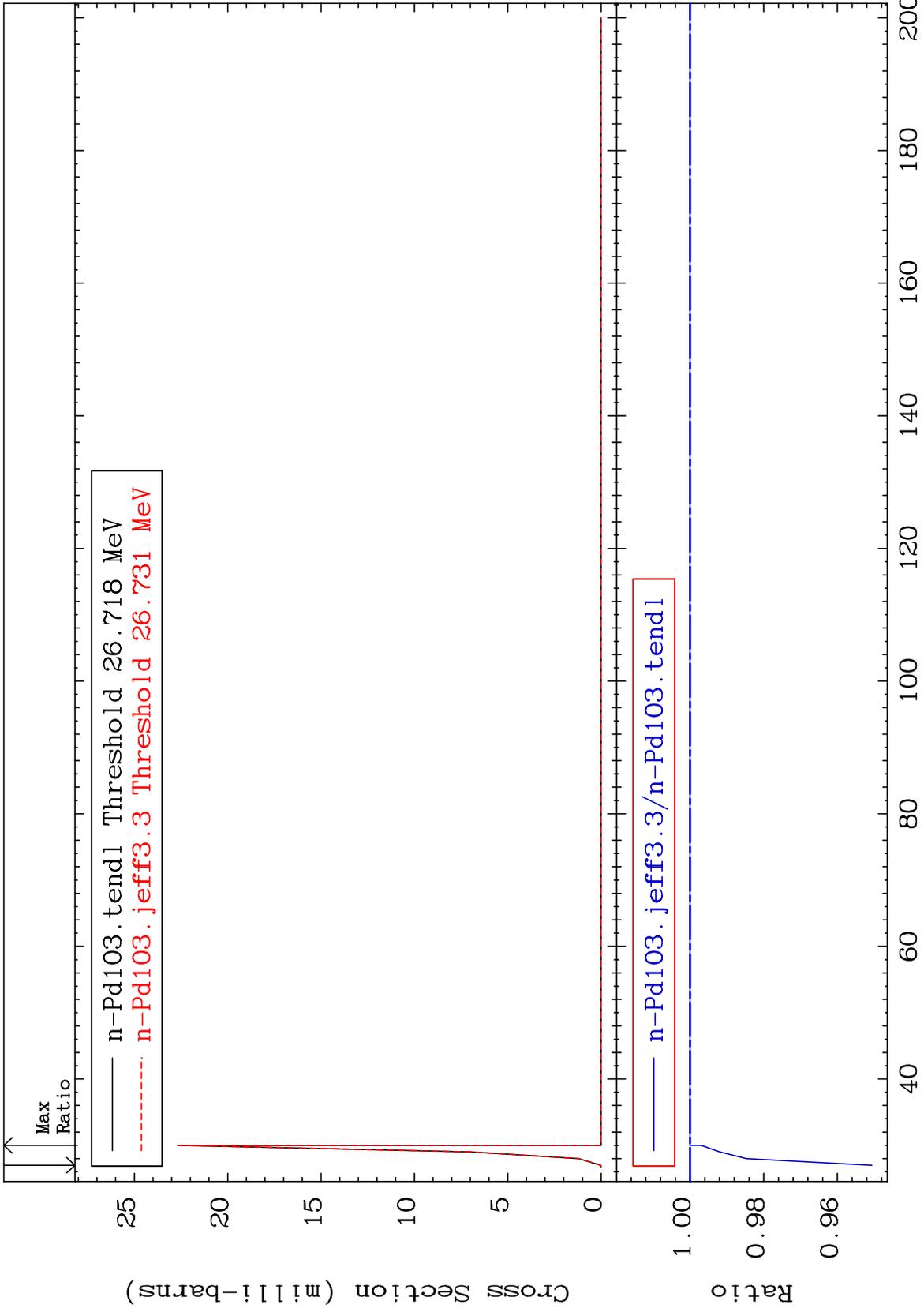
46-Pd-103

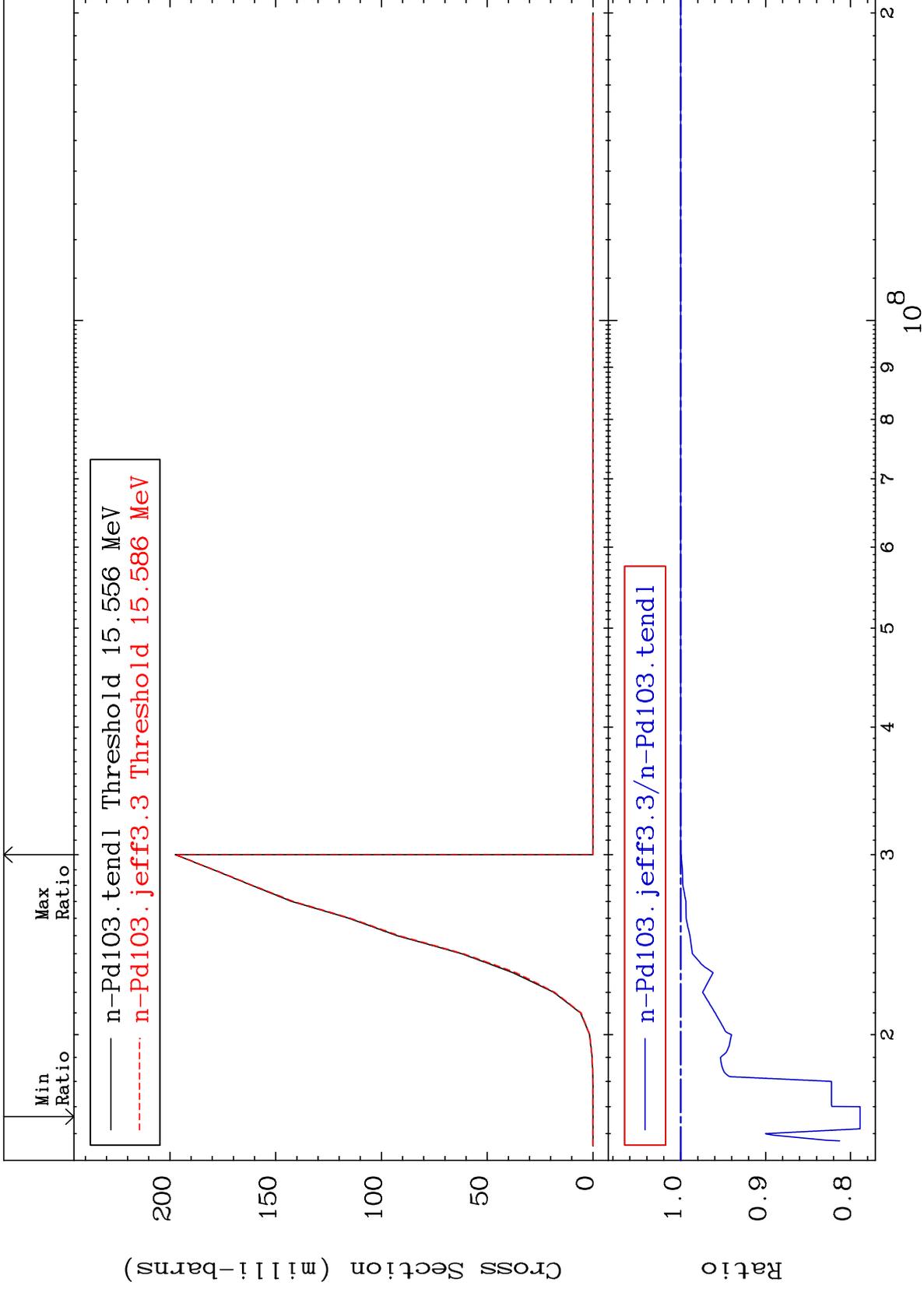
46-Pd-103

MAT 4628

(n,4n)
Cross Section

46-Pd-103
-4.935 To 0.000 %

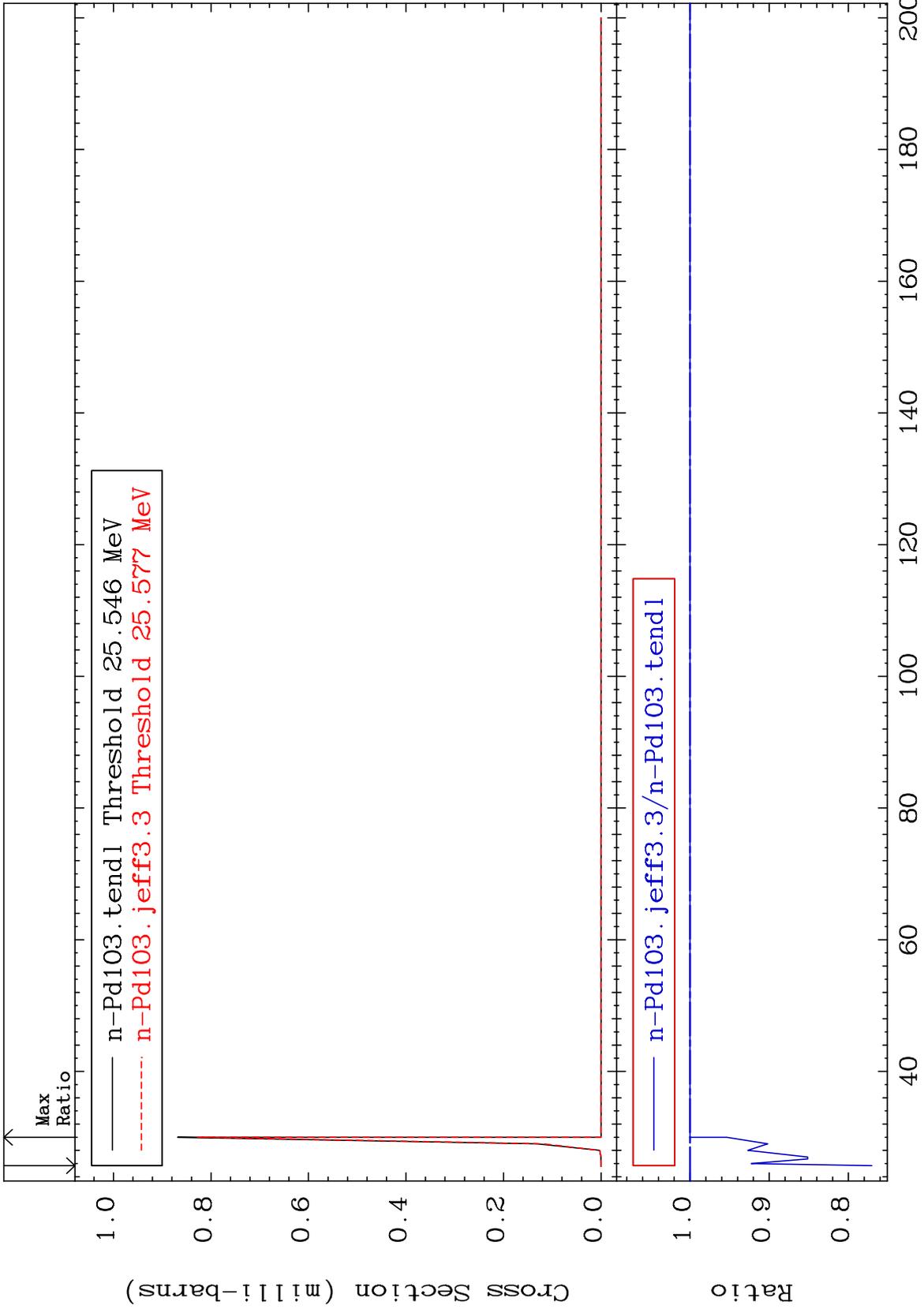


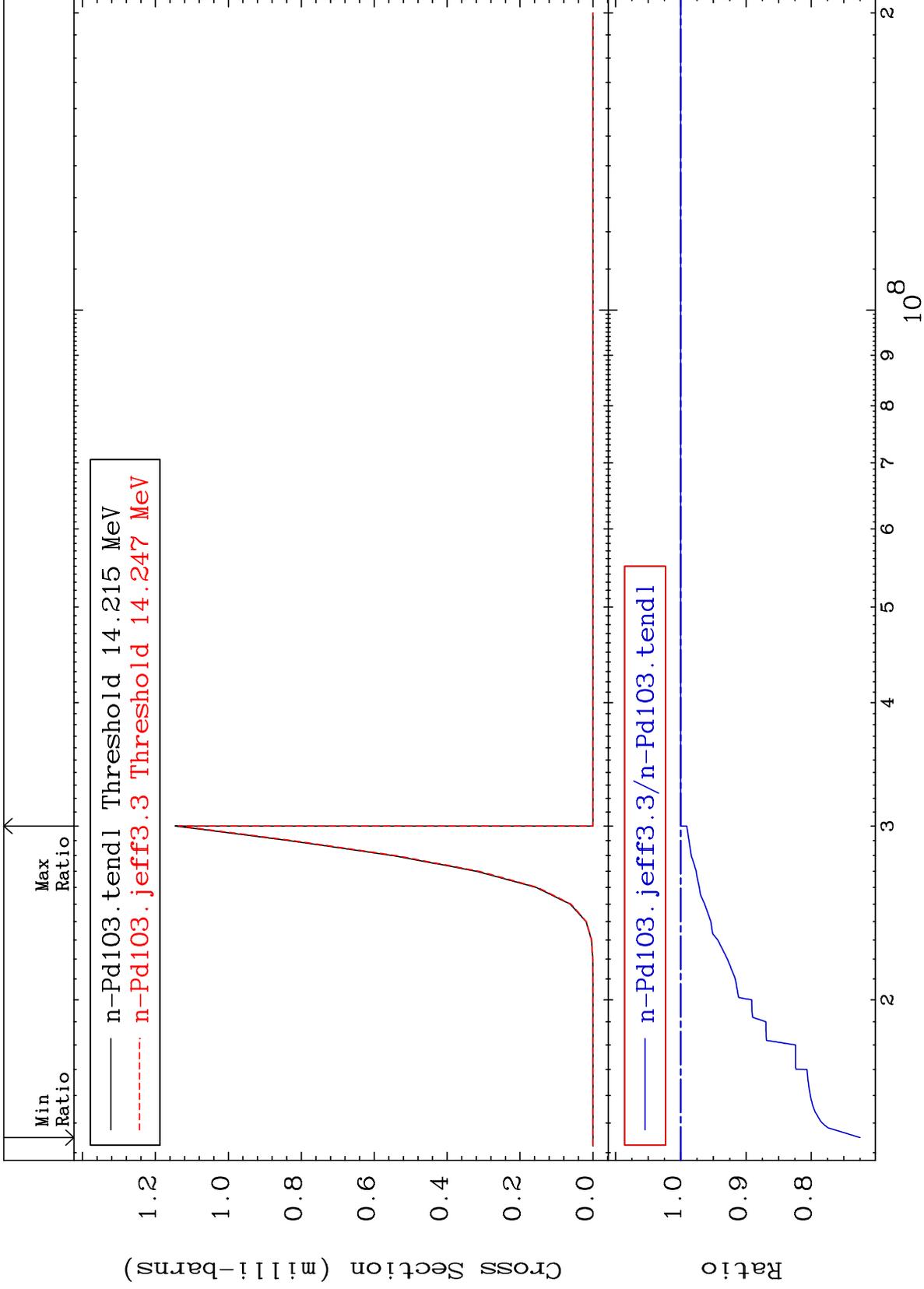


MAT 4628

(n,3n) p
Cross Section

46-Pd-103
-22.96 To 0.000 %

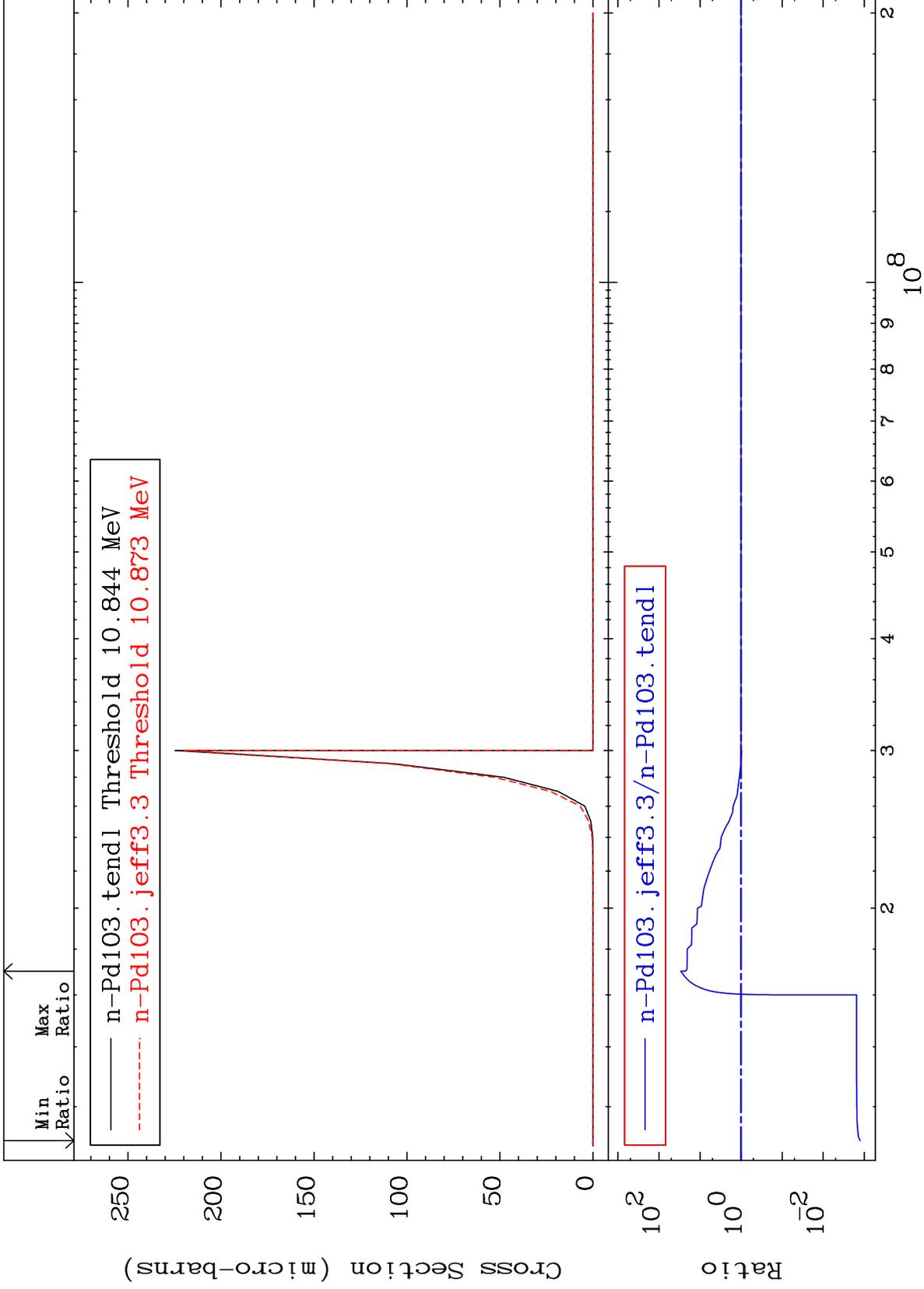




MAT 4628

(n,n') p α
Cross Section

46-Pd-103
-99.87 To 2849. %



20

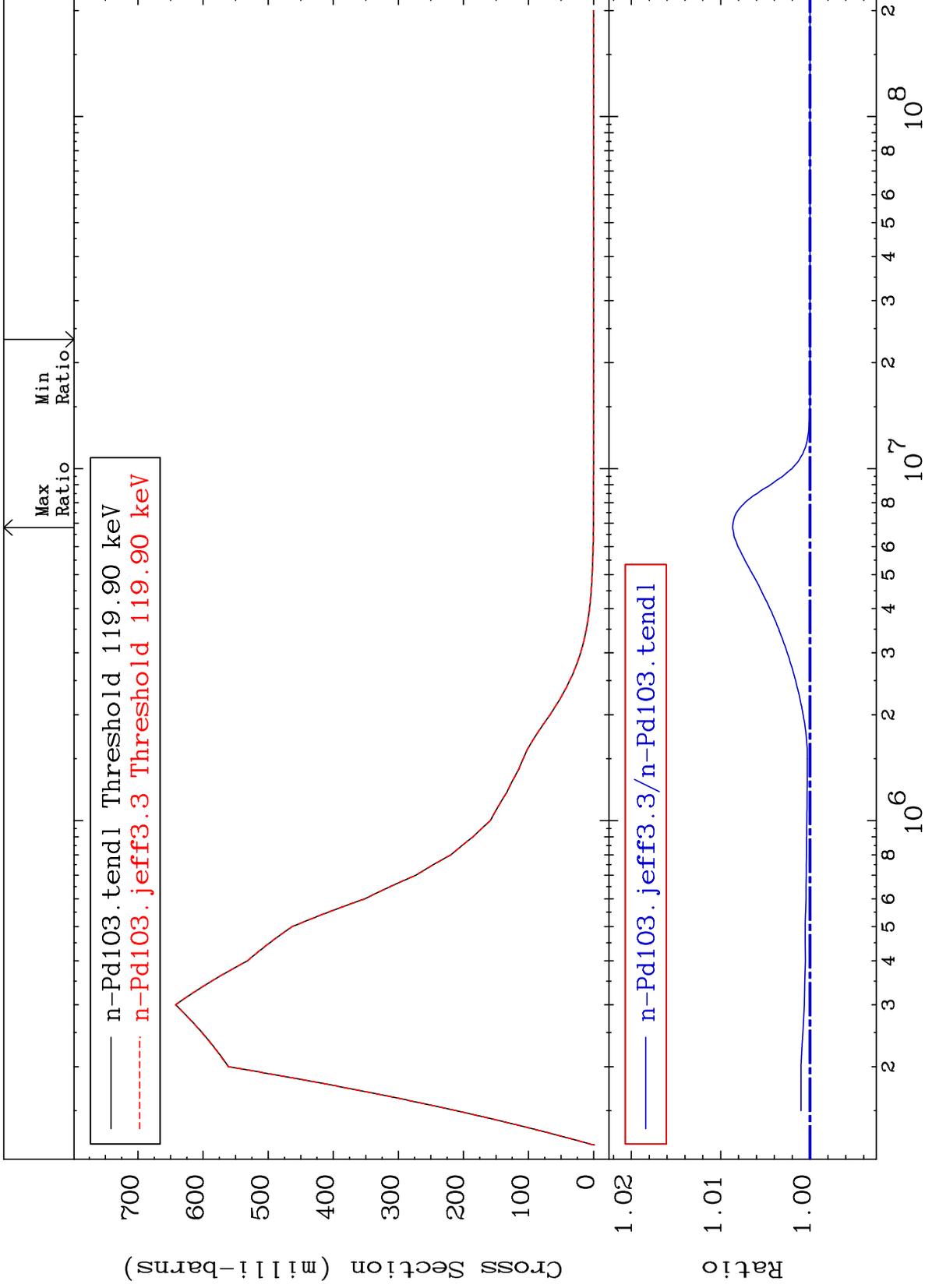
Incident Energy (eV)

46-Pd-103

MAT 4628

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

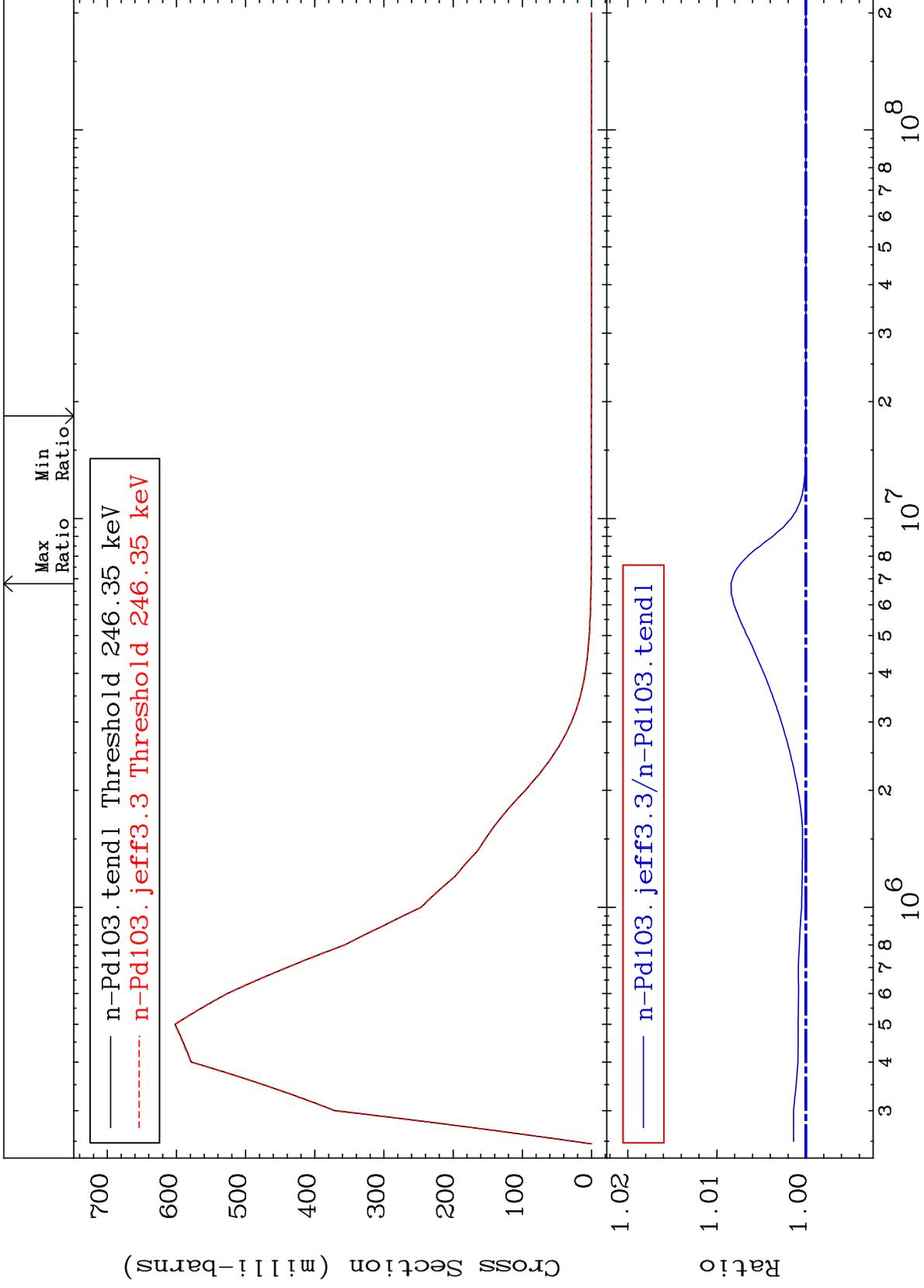
46-Pd-103
0.000 To 0.868 %



MAT 4628

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

46-Pd-103
0.000 To 0.840 %



MAT 4628

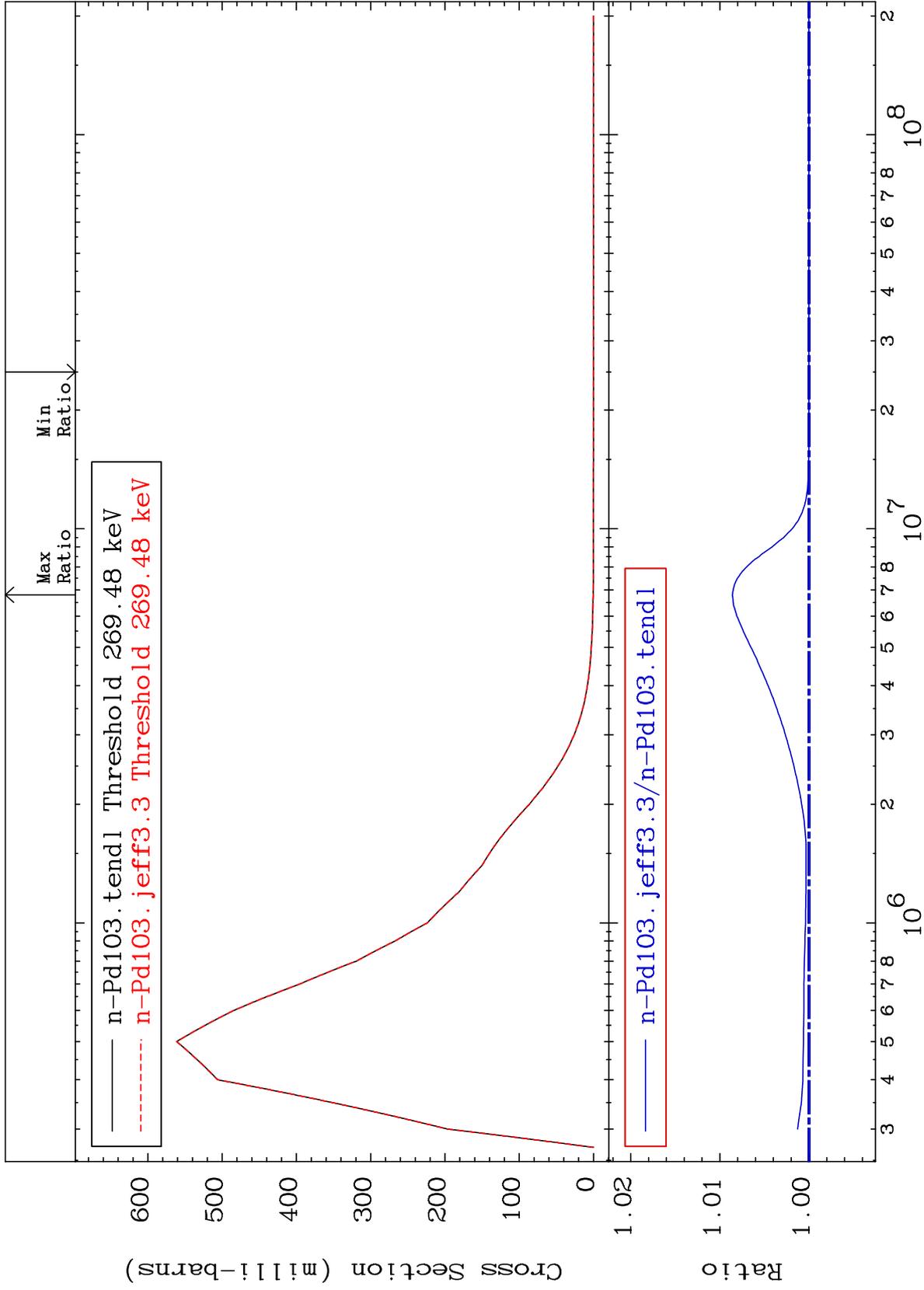
MT= 53 (n,n') Level

46-Pd-103

Cross Section

0.000

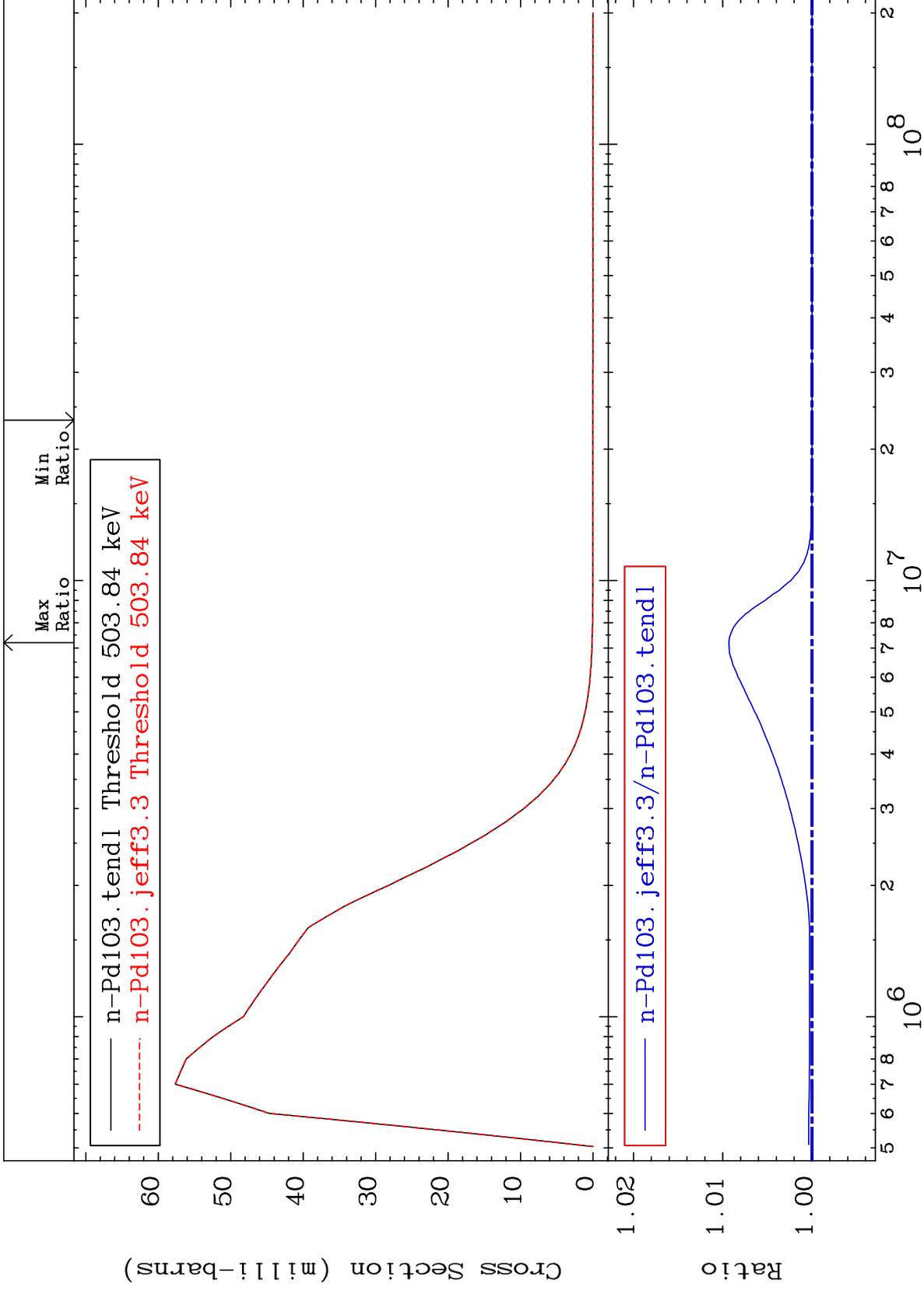
To 0.859 %



MAT 4628

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

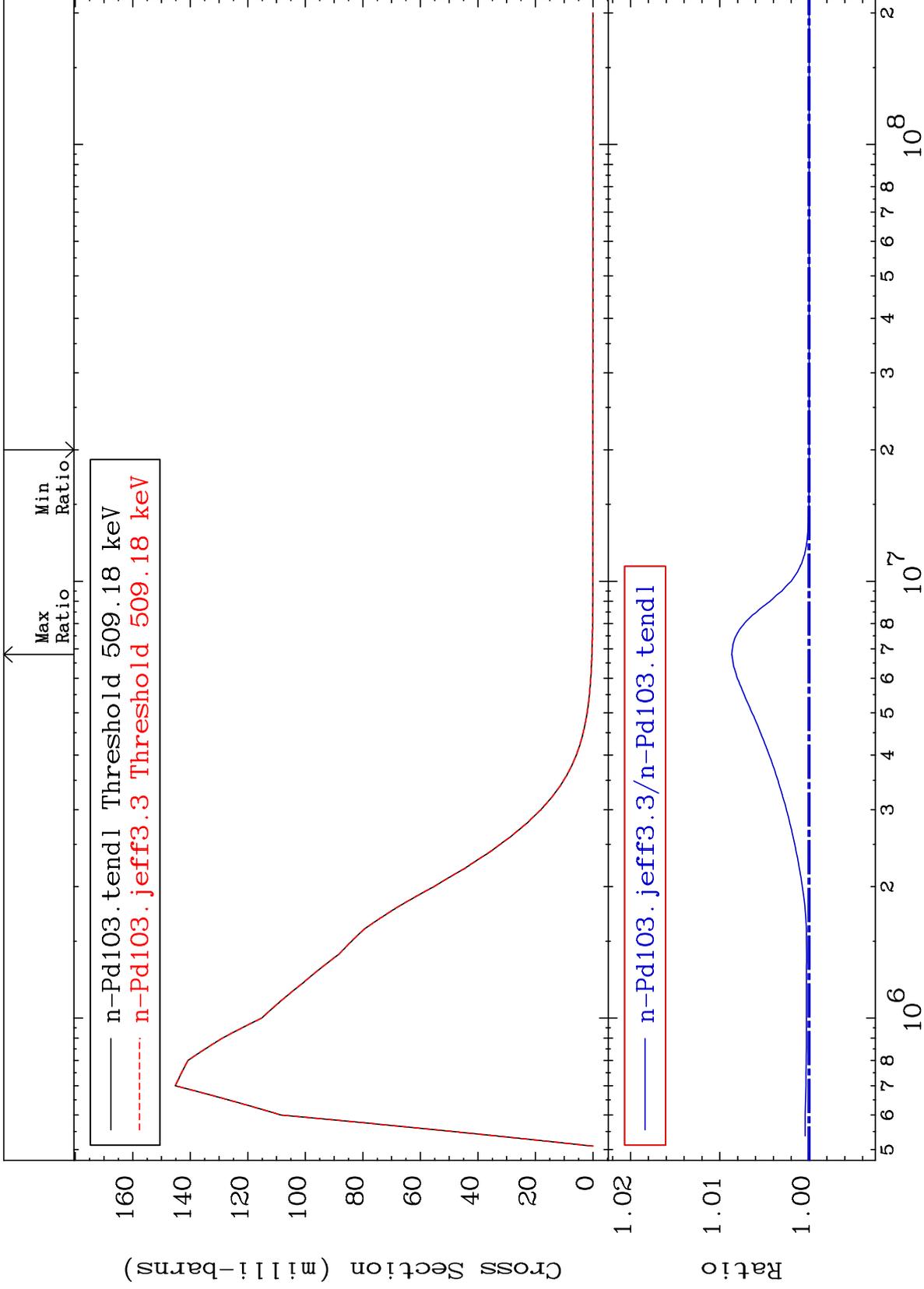
46-Pd-103
0.000 To 0.932 %



MAT 4628

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

46-Pd-103
0.000 To 0.866 %

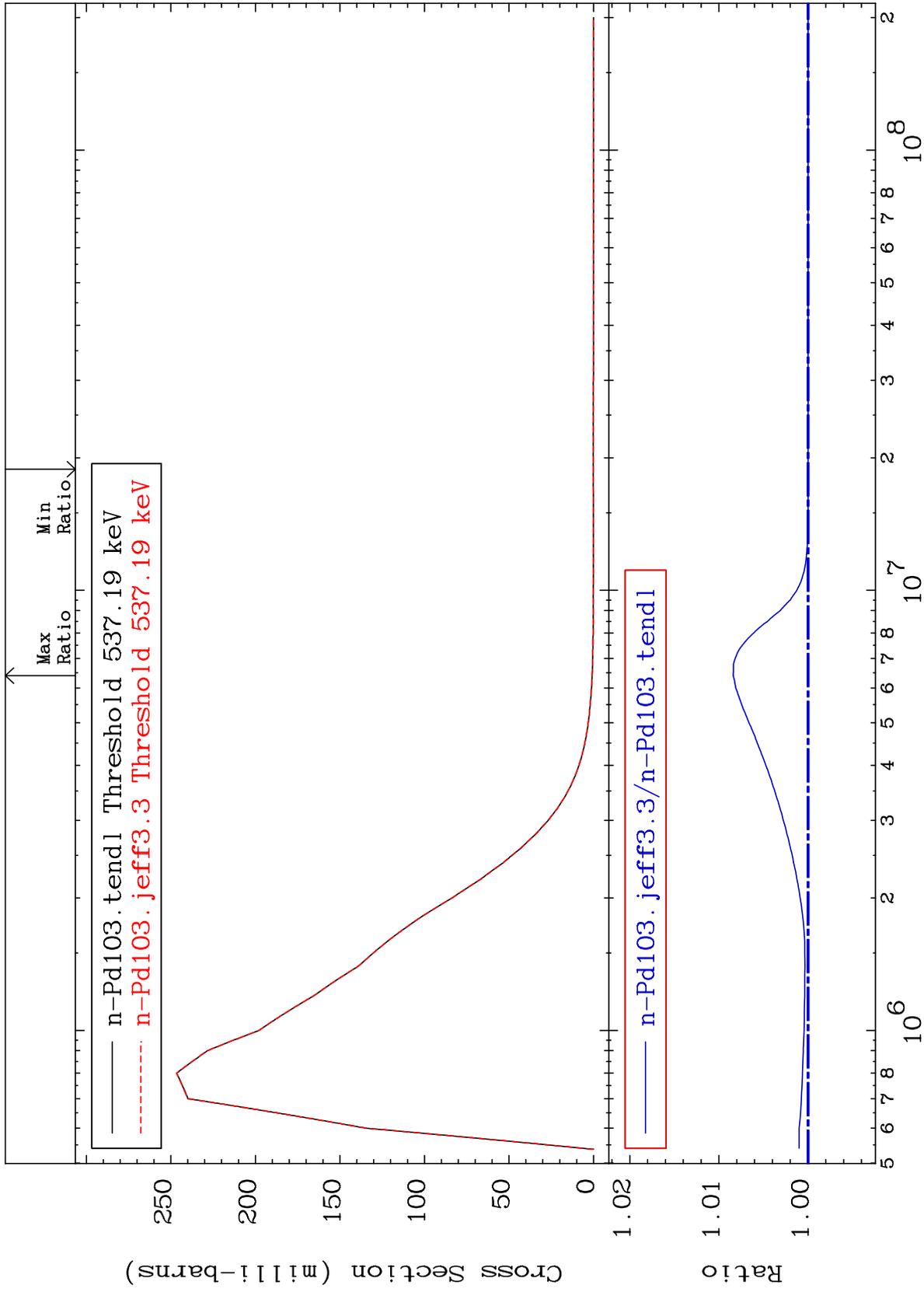


MAT 4628

MT= 56 (n,n') Level

46-Pd-103

Cross Section
0.000 To 0.839 %



26

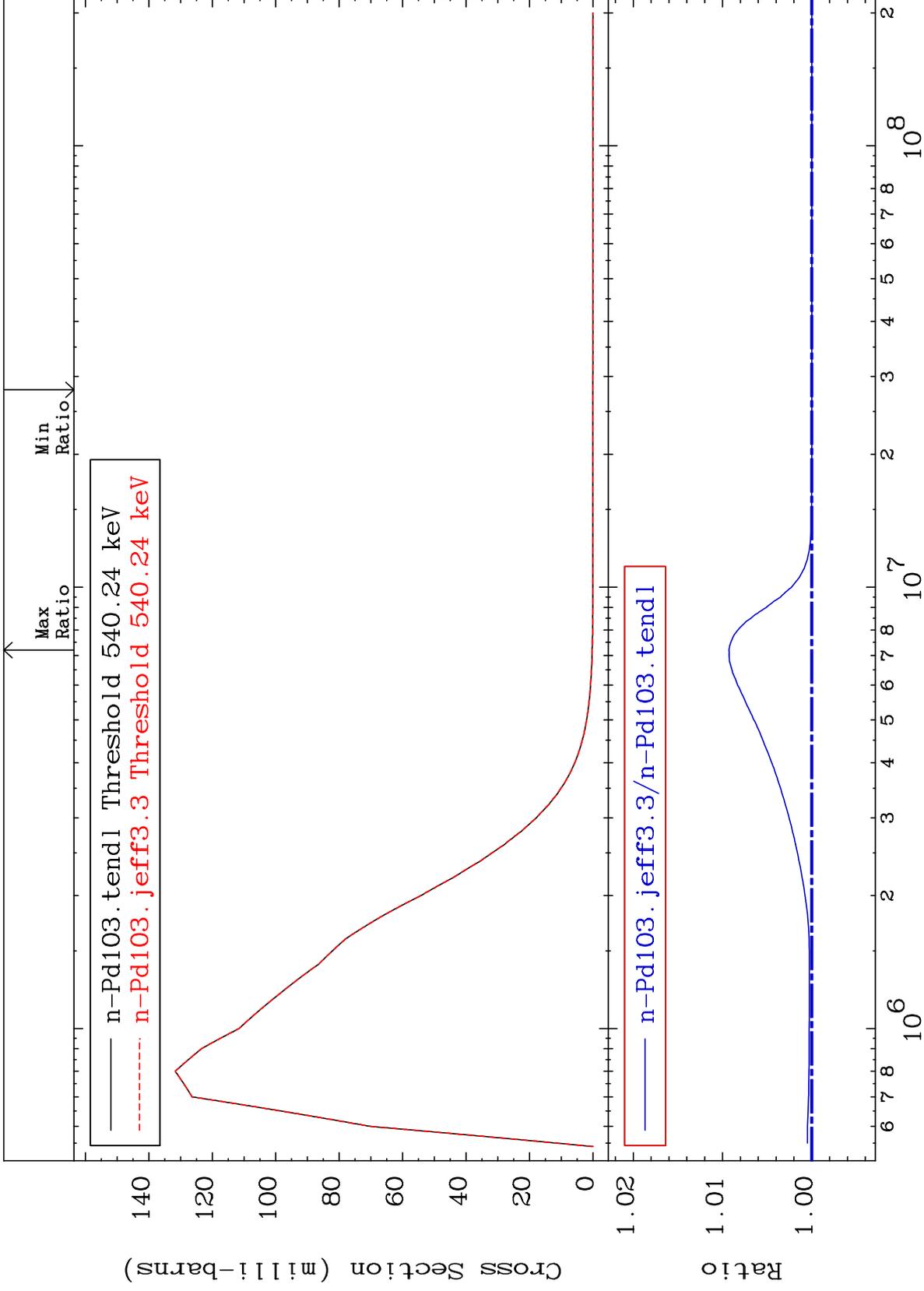
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
0.000 To 0.927 %



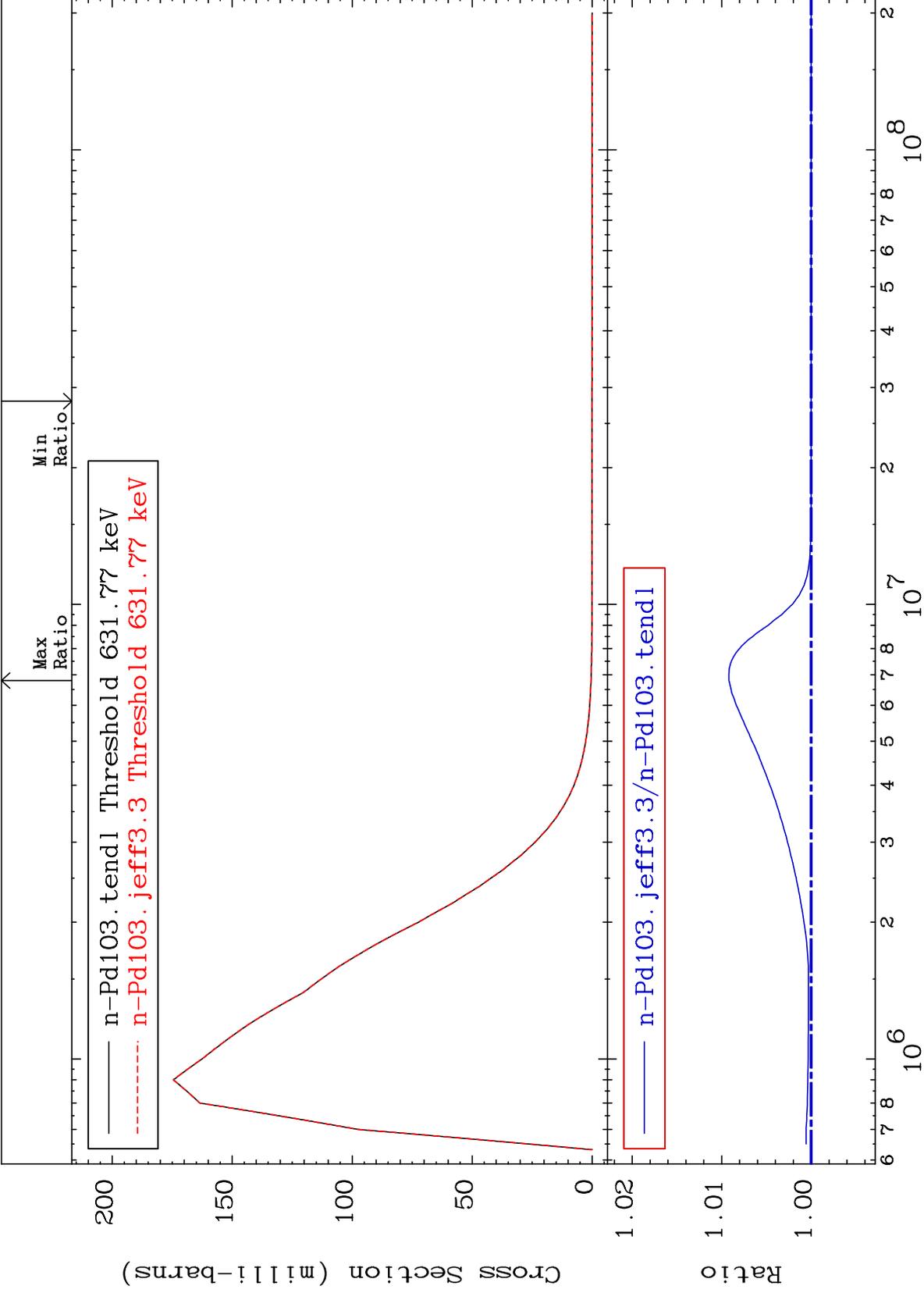
MAT 4628

MT= 58 (n,n') Level

46-Pd-103

0.000 To 0.920 %

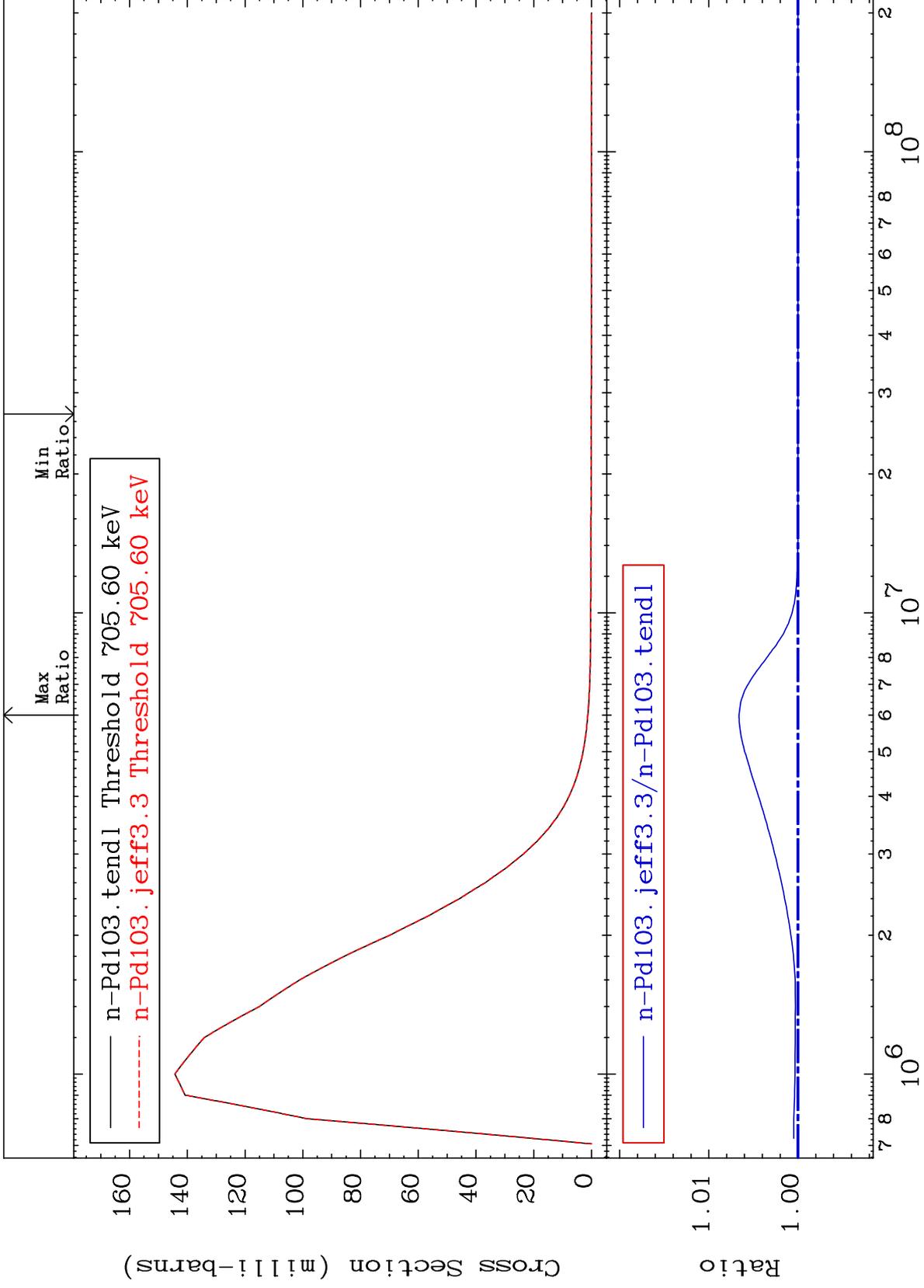
Cross Section



MAT 4628

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

46-Pd-103
0.000 To 0.662 %



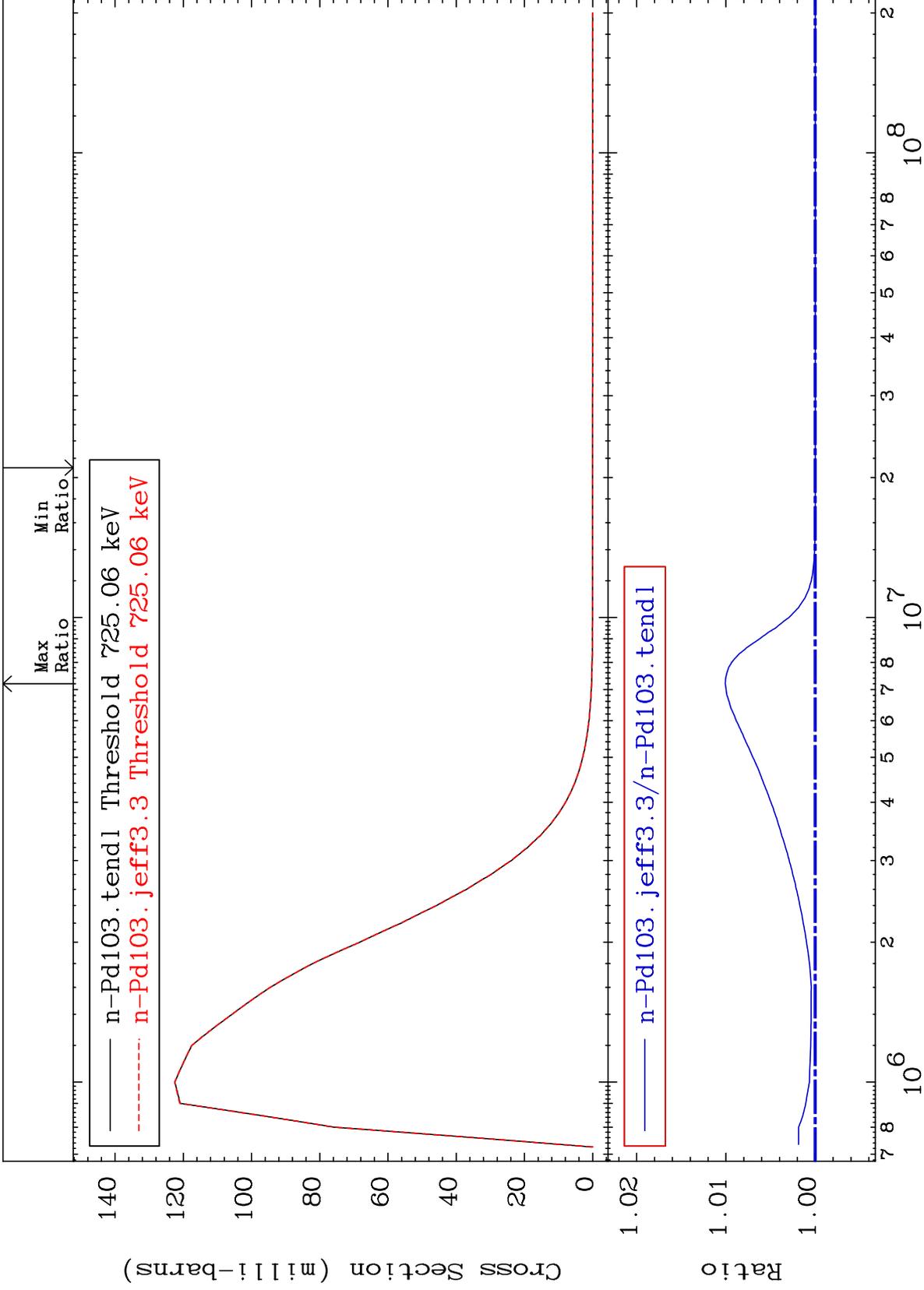
MAT 4628

MT= 60 (n,n') Level

46-Pd-103

0.000 To 1.007 %

Cross Section



— n-Pd103.tendl Threshold 725.06 keV
- - - n-Pd103.jeff3.3 Threshold 725.06 keV

— n-Pd103.jeff3.3/n-Pd103.tendl

30

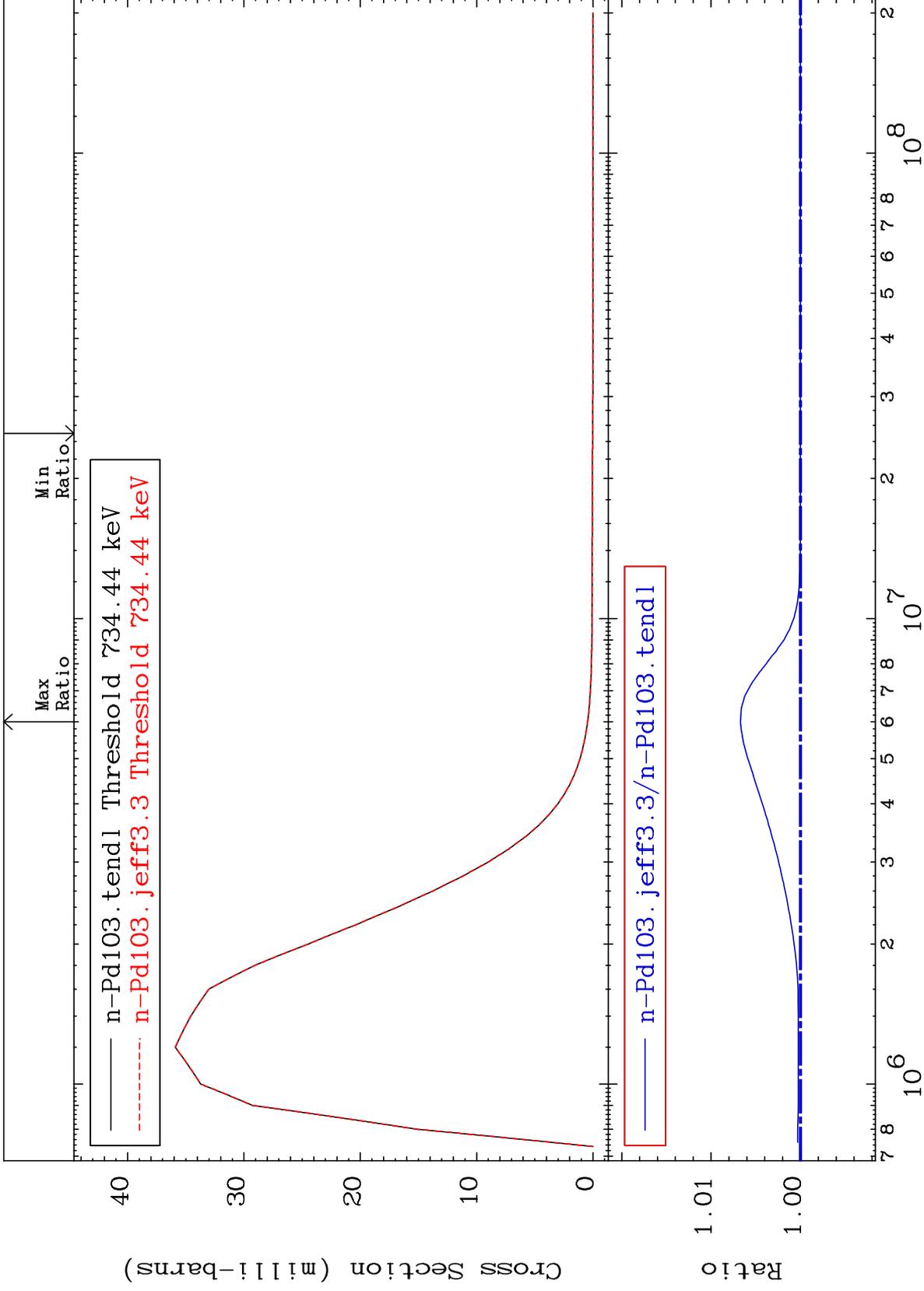
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
0.000 To 0.672 %



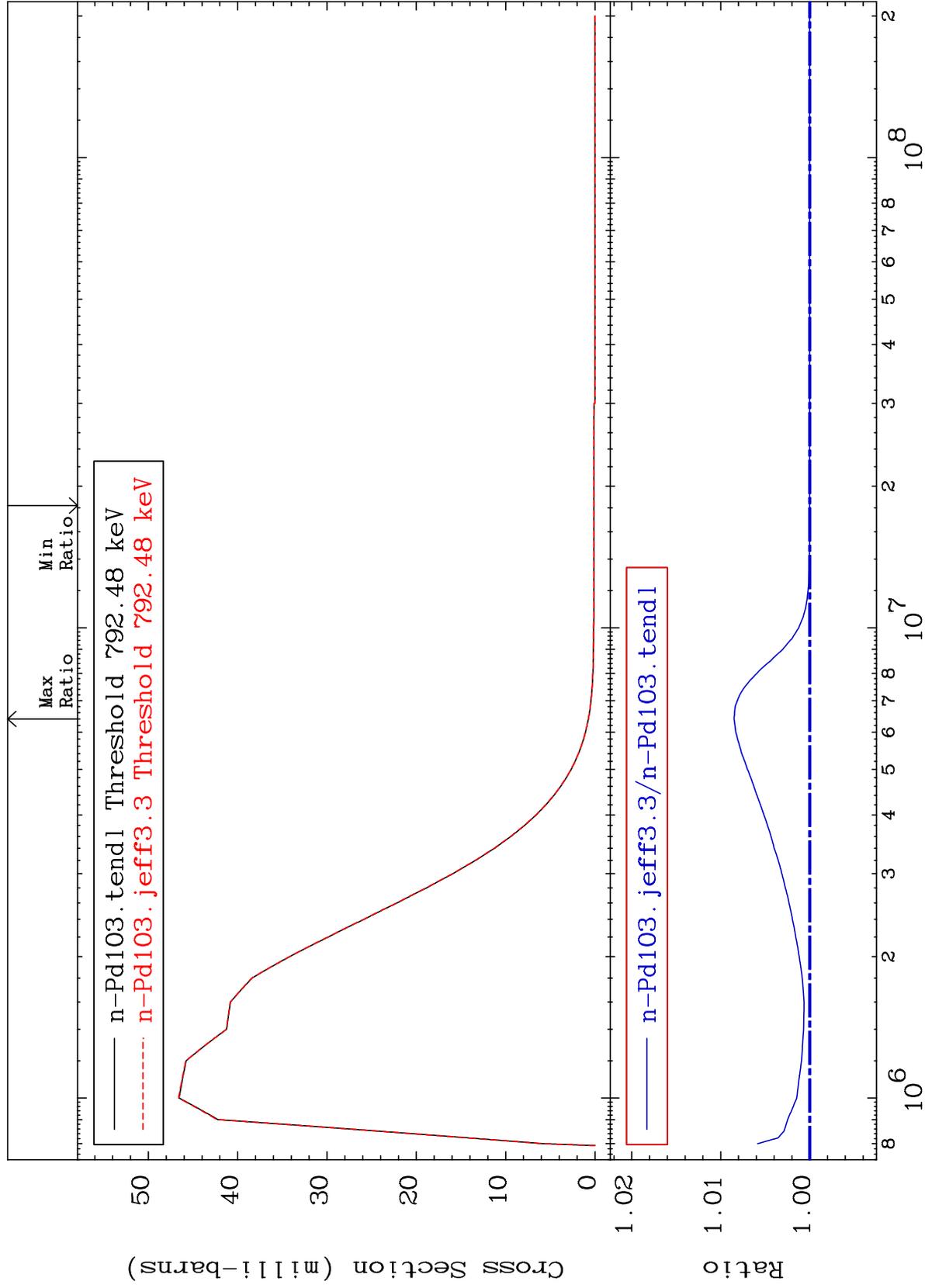
MAT 4628

MT= 62 (n,n') Level

46-Pd-103

0.000 To 0.850 %

Cross Section



32

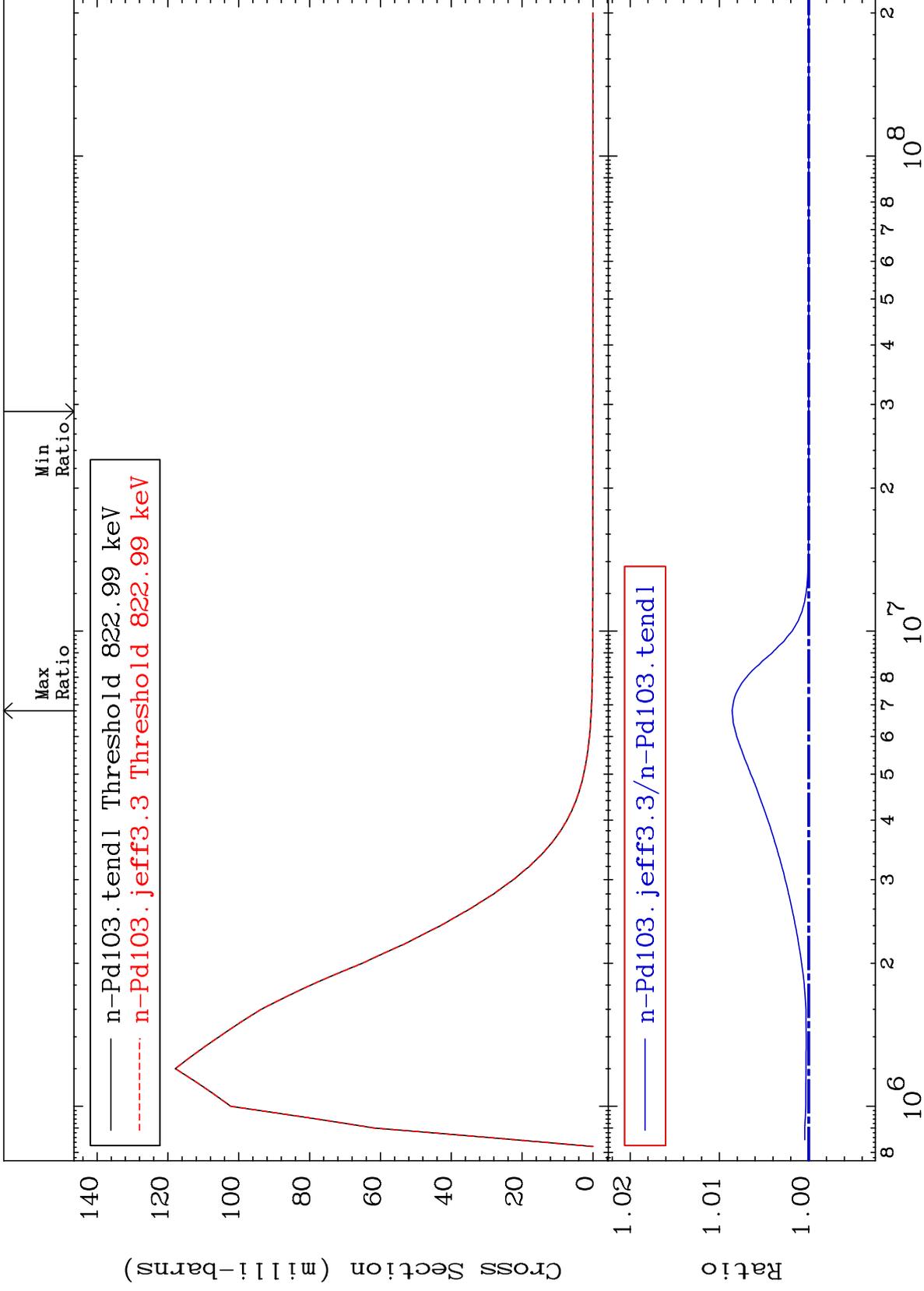
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
To 0.857 %



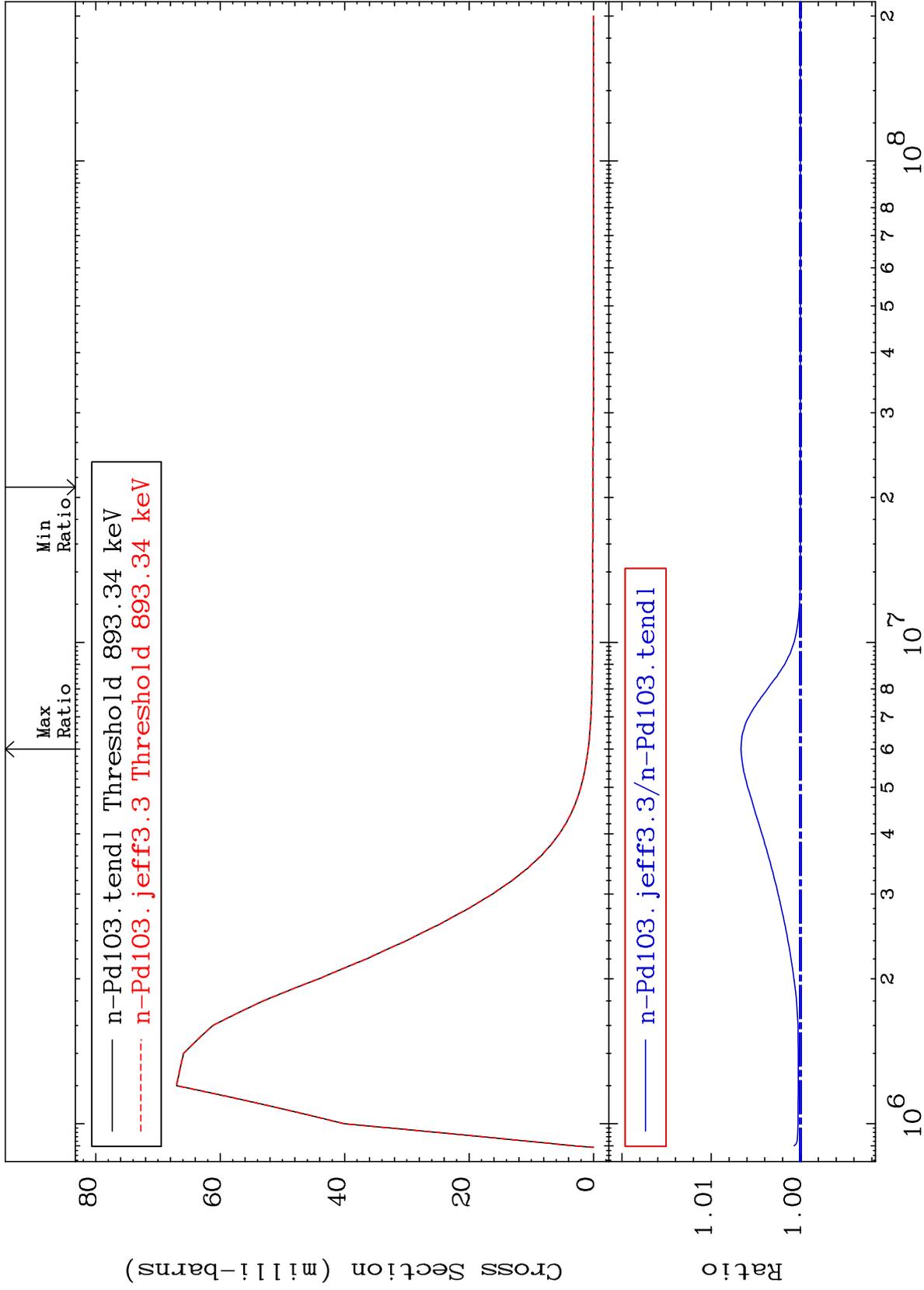
MAT 4628

MT= 64 (n,n') Level

46-Pd-103

0.000 To 0.667 %

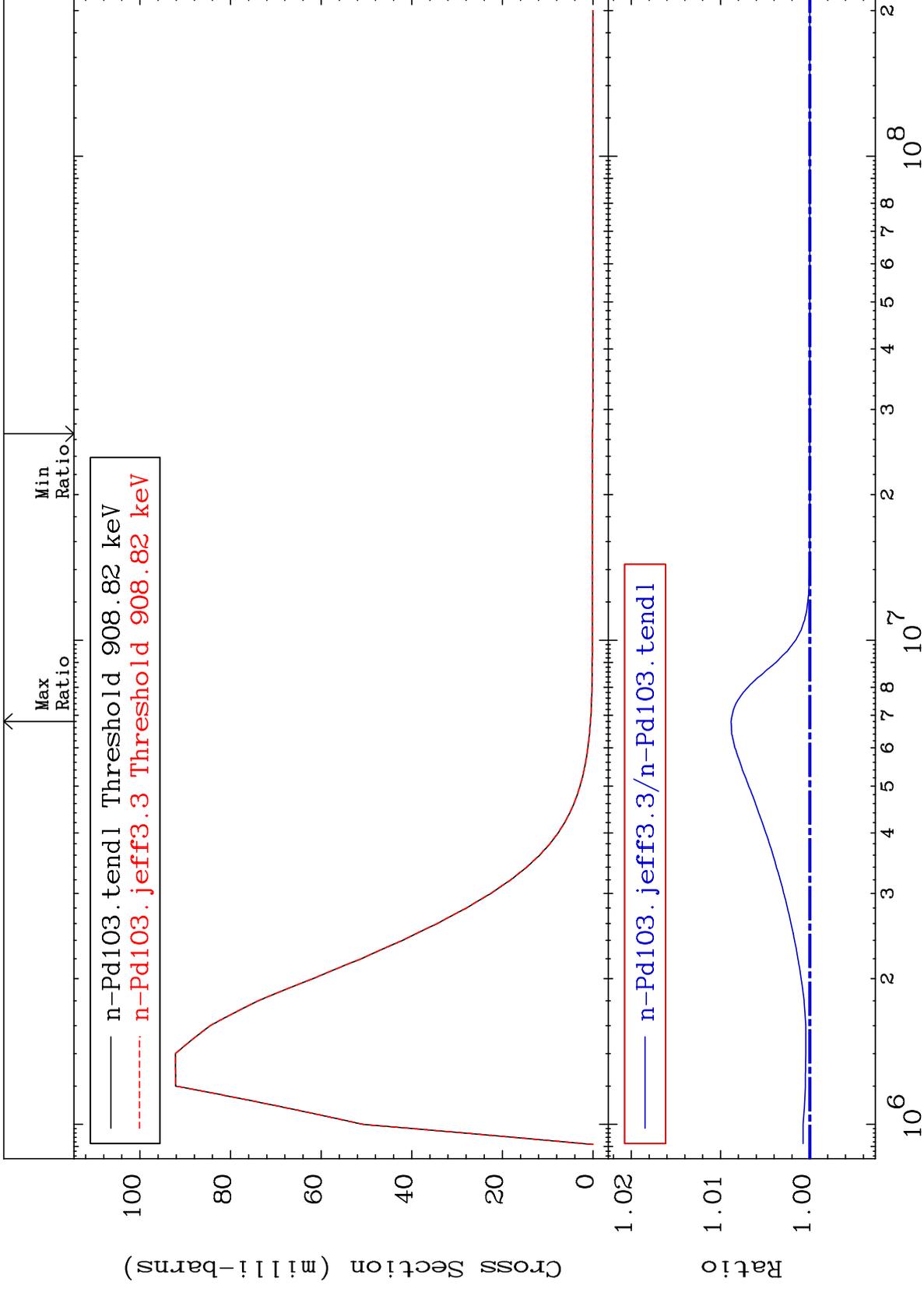
Cross Section



MAT 4628

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

46-Pd-103
0.000 To 0.883 %



35

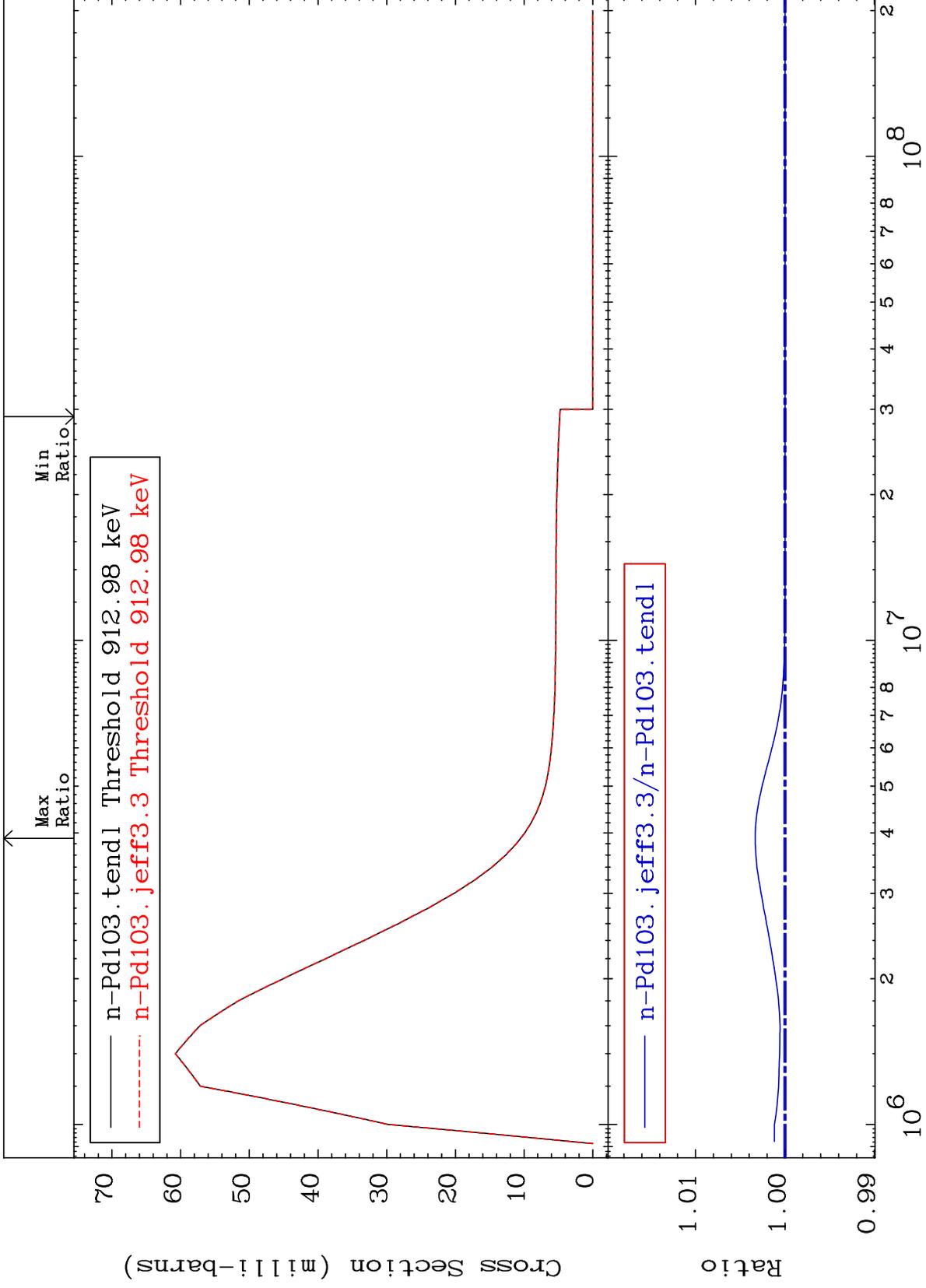
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
0.000 To 0.332 %



36

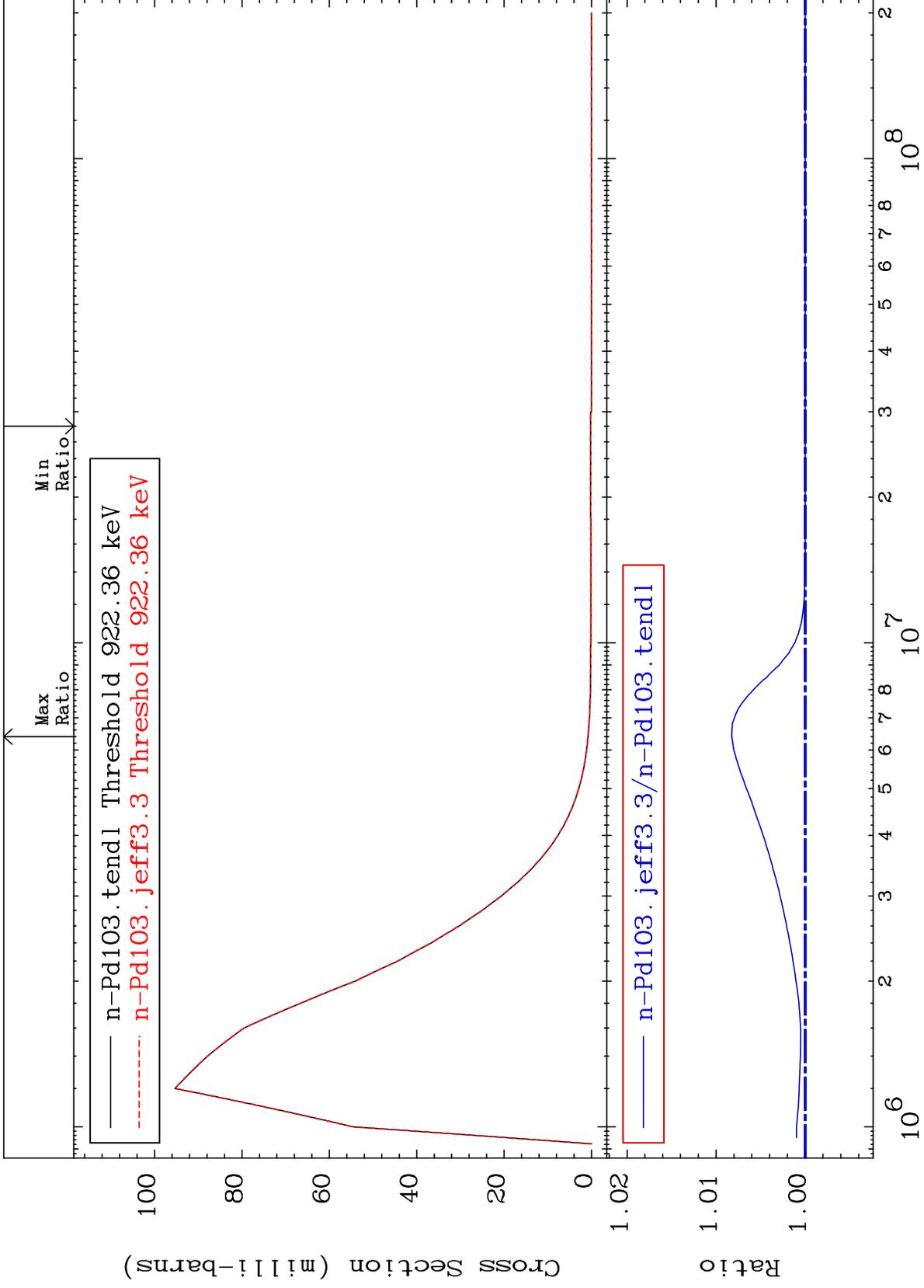
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
0.000 To 0.825 %



37

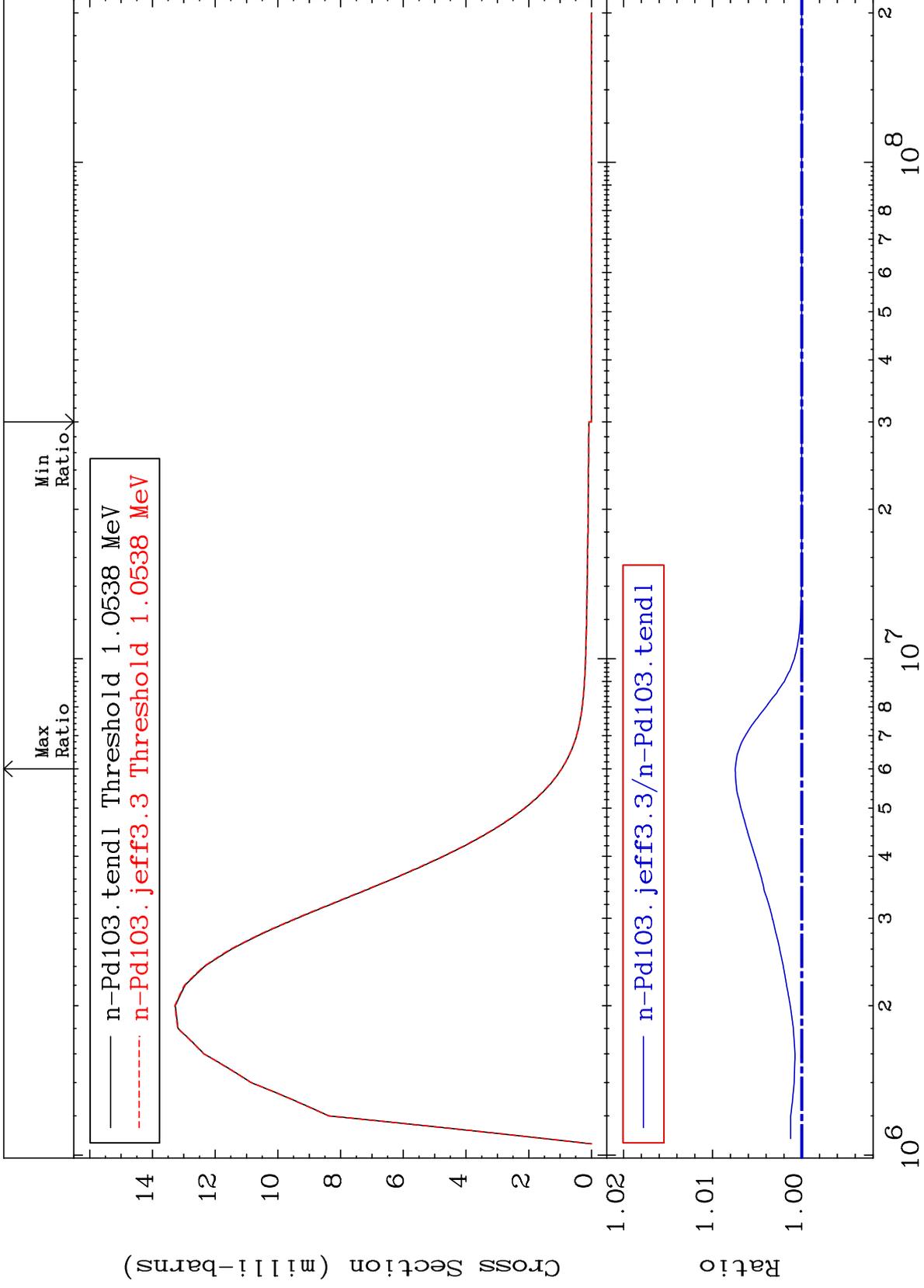
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
0.000 To 0.746 %



38

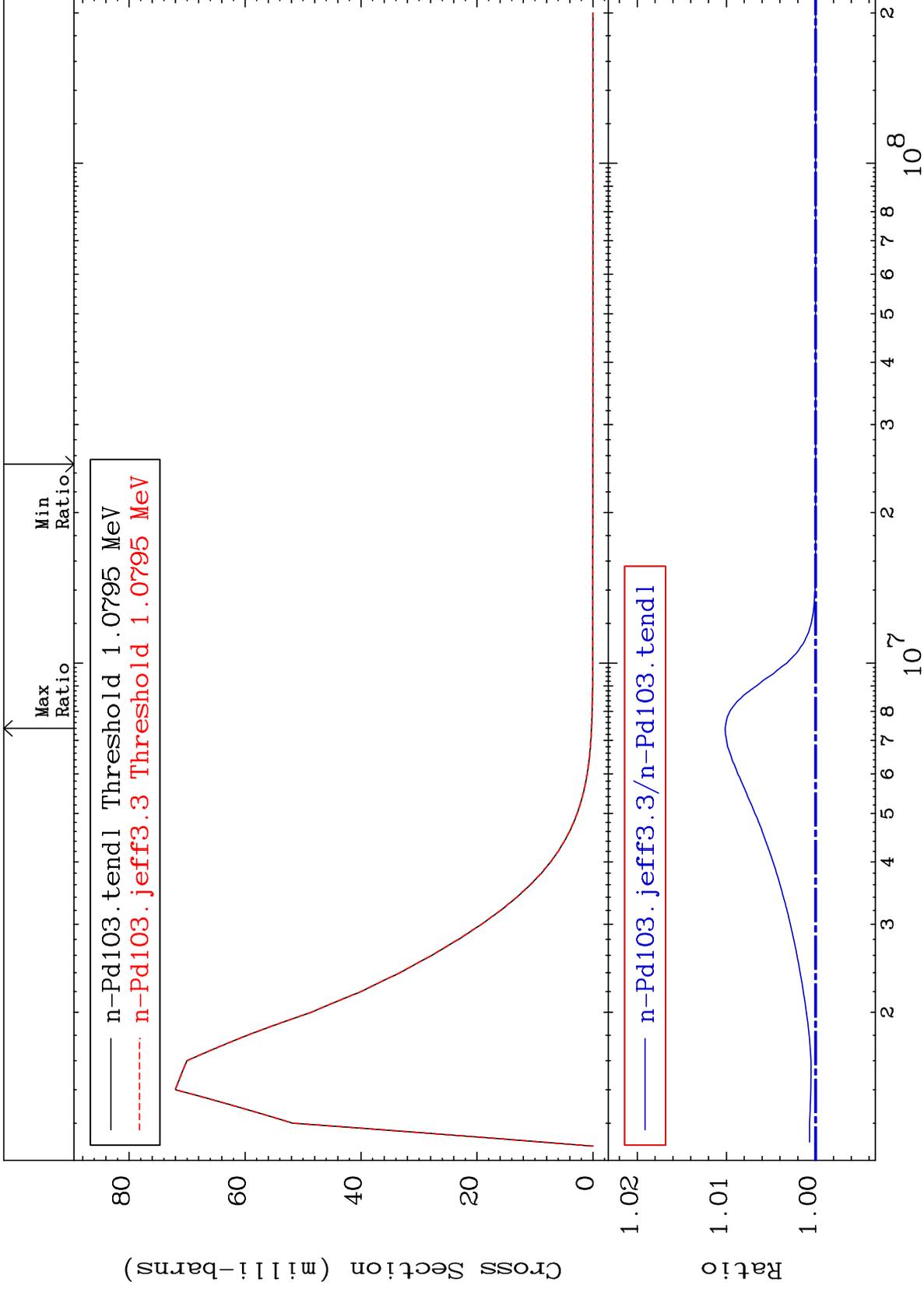
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
To 1.014 %

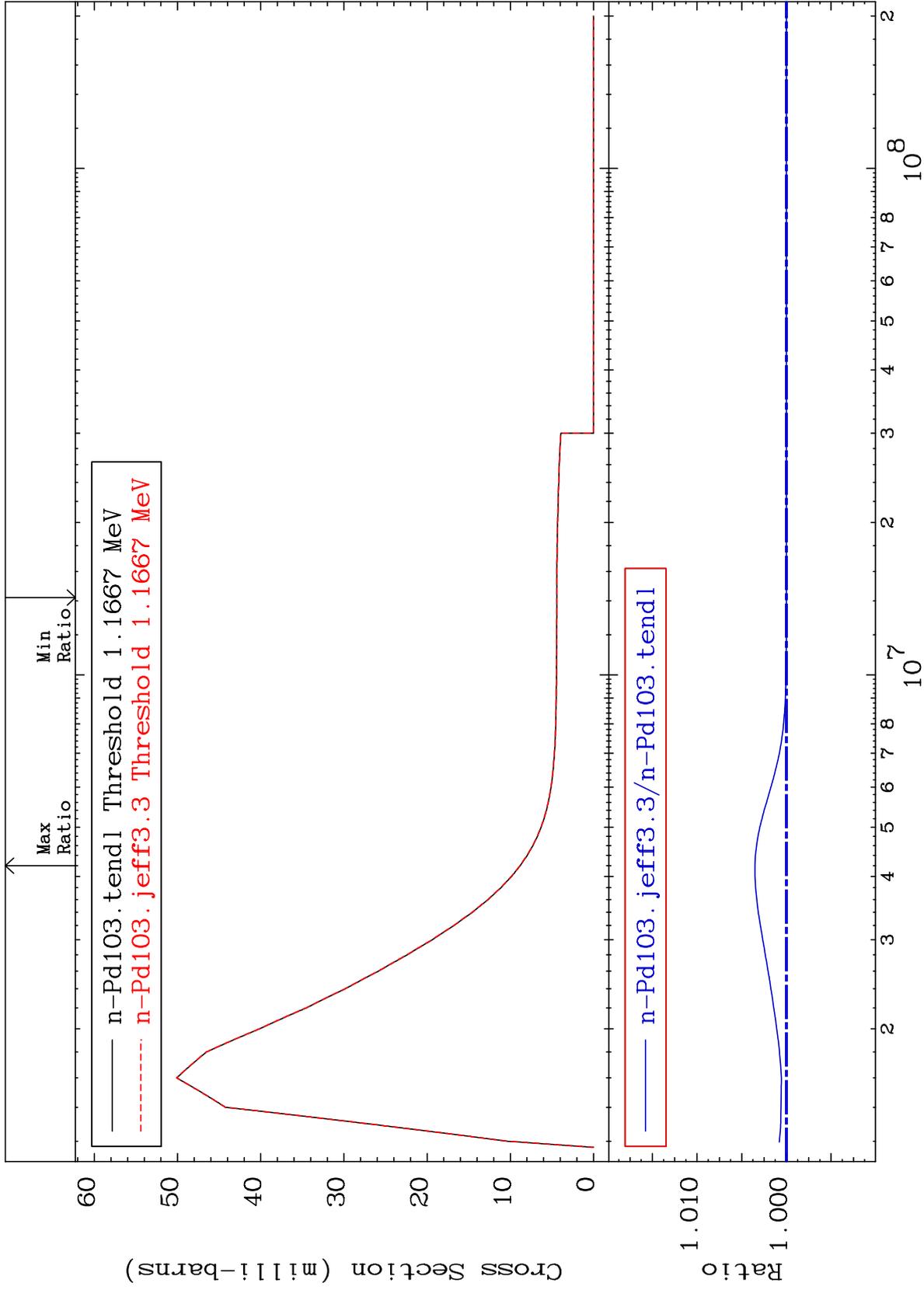


MAT 4628

MT= 70 (n,n') Level

46-Pd-103

Cross Section
0.000 To 0.352 %



40

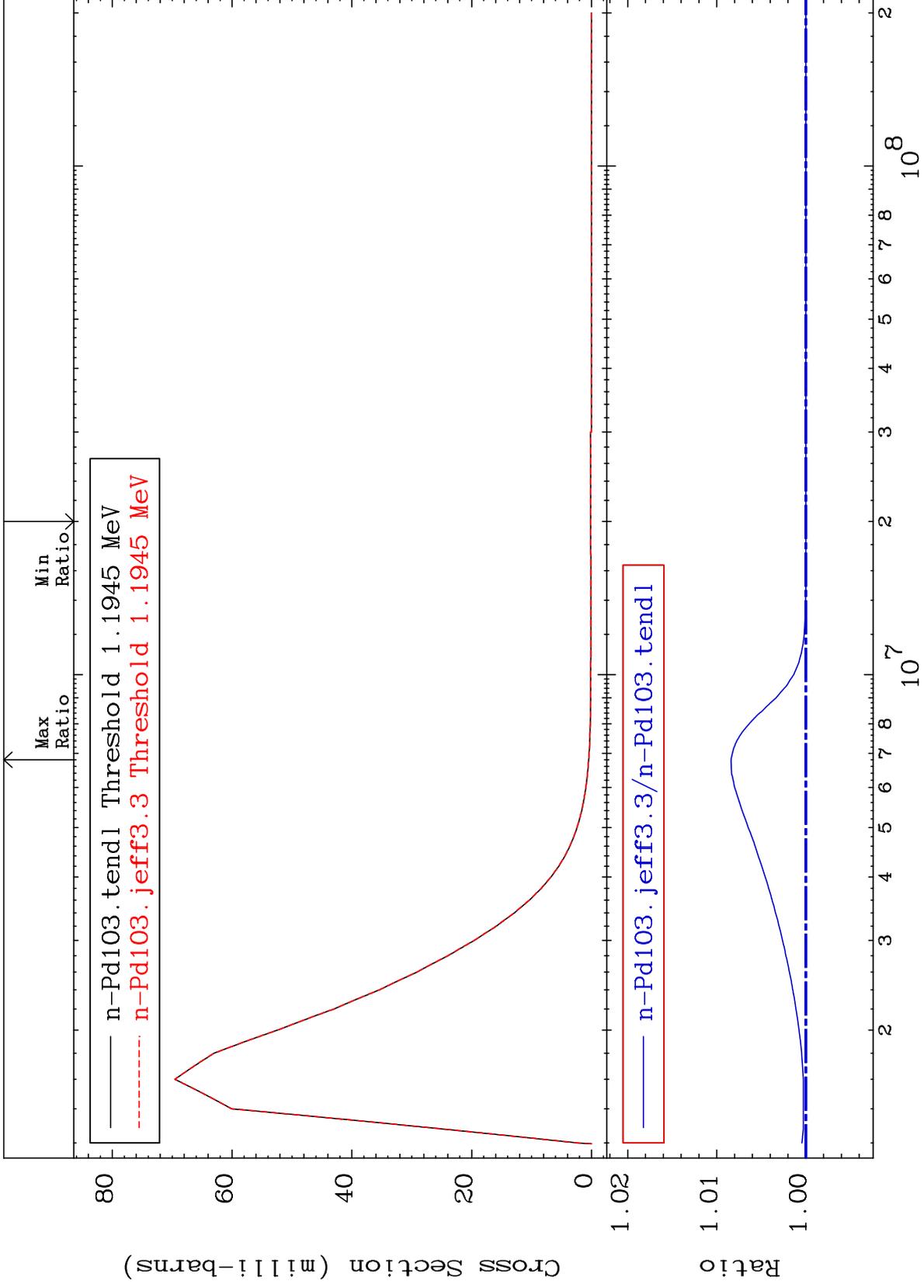
Incident Energy (eV)

46-Pd-103

MAT 4628

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

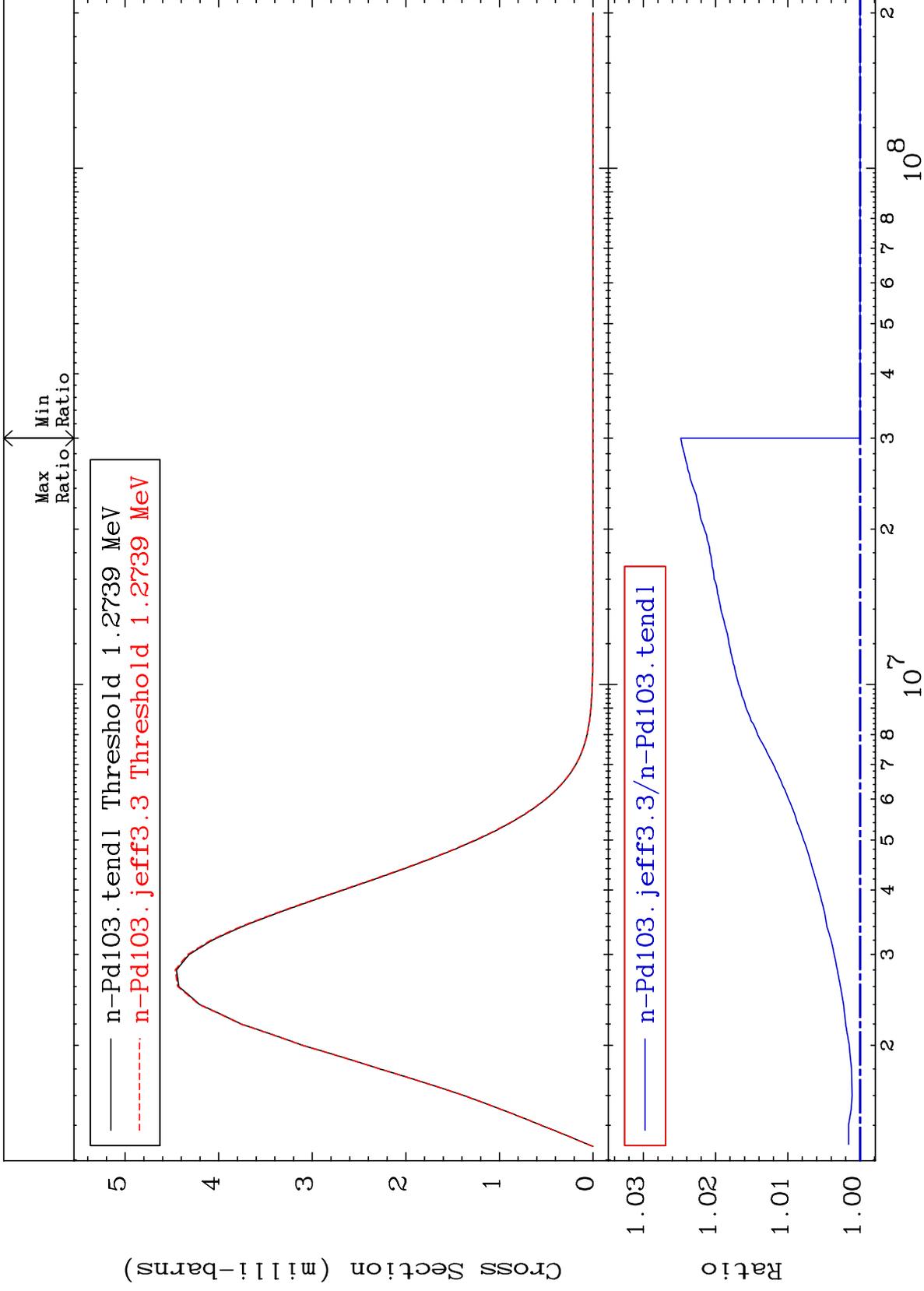
46-Pd-103
To 0.839 %



MAT 4628

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

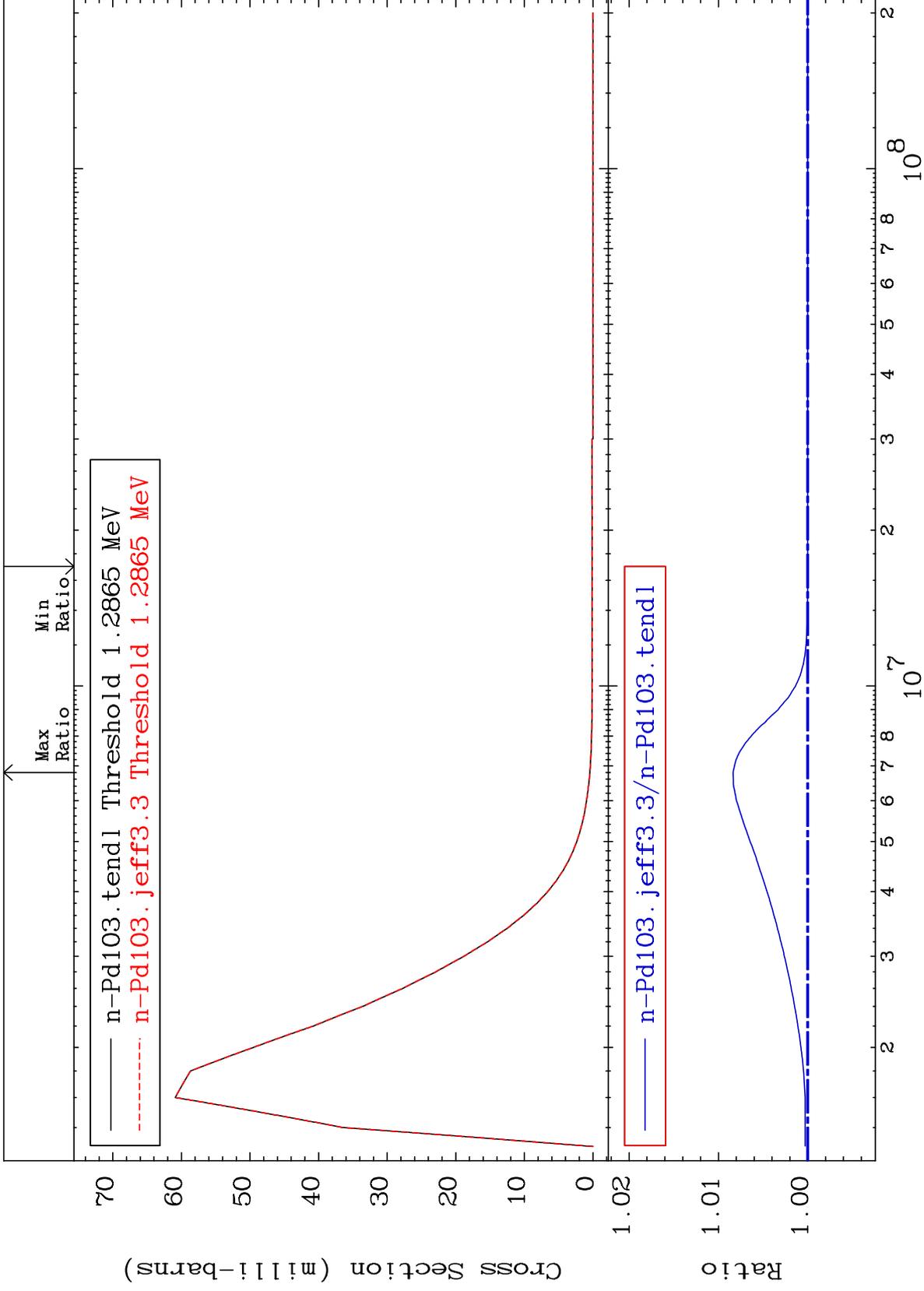
46-Pd-103
0.000 To 2.483 %



MAT 4628

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

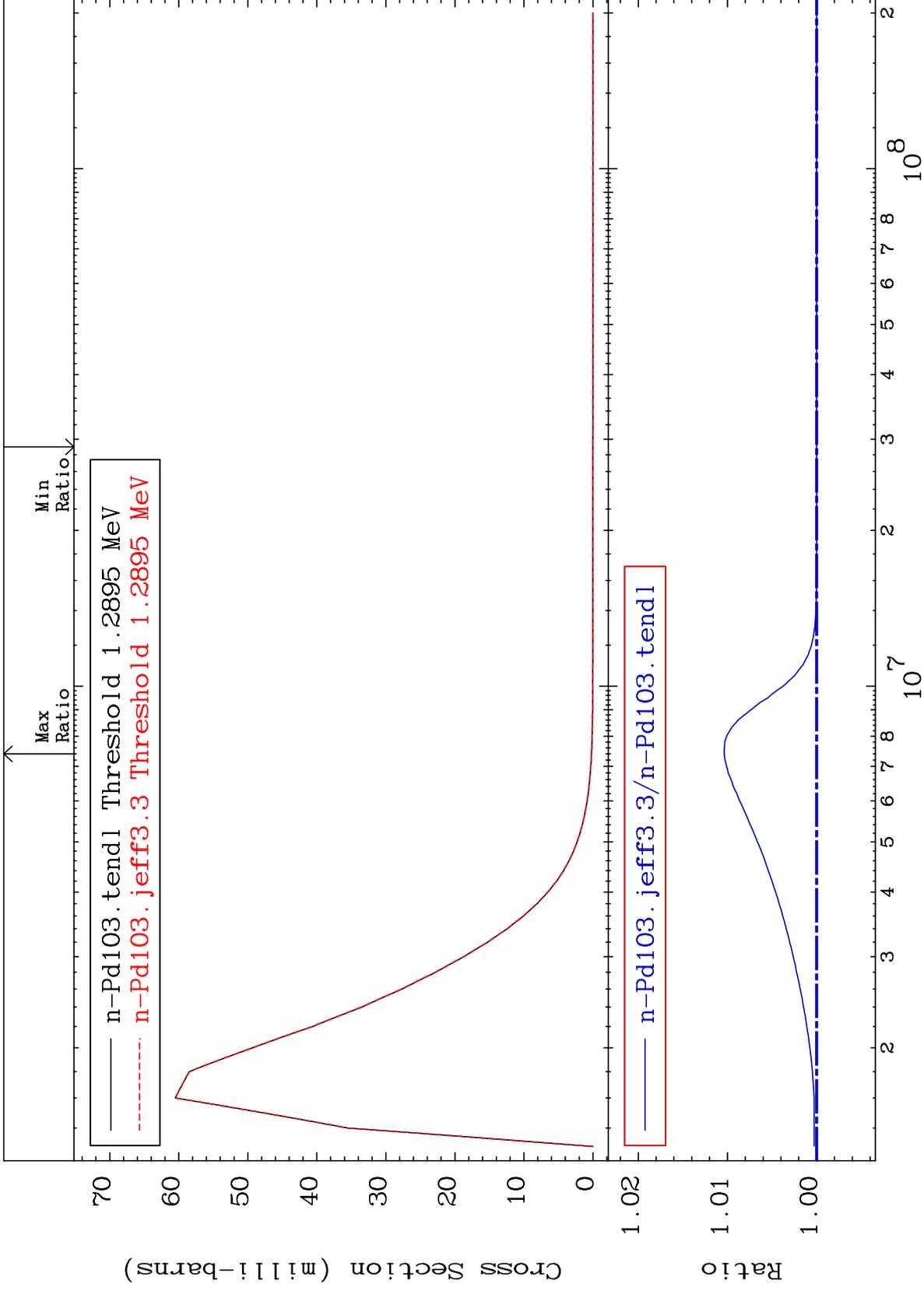
46-Pd-103
To 0.836 %



MAT 4628

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

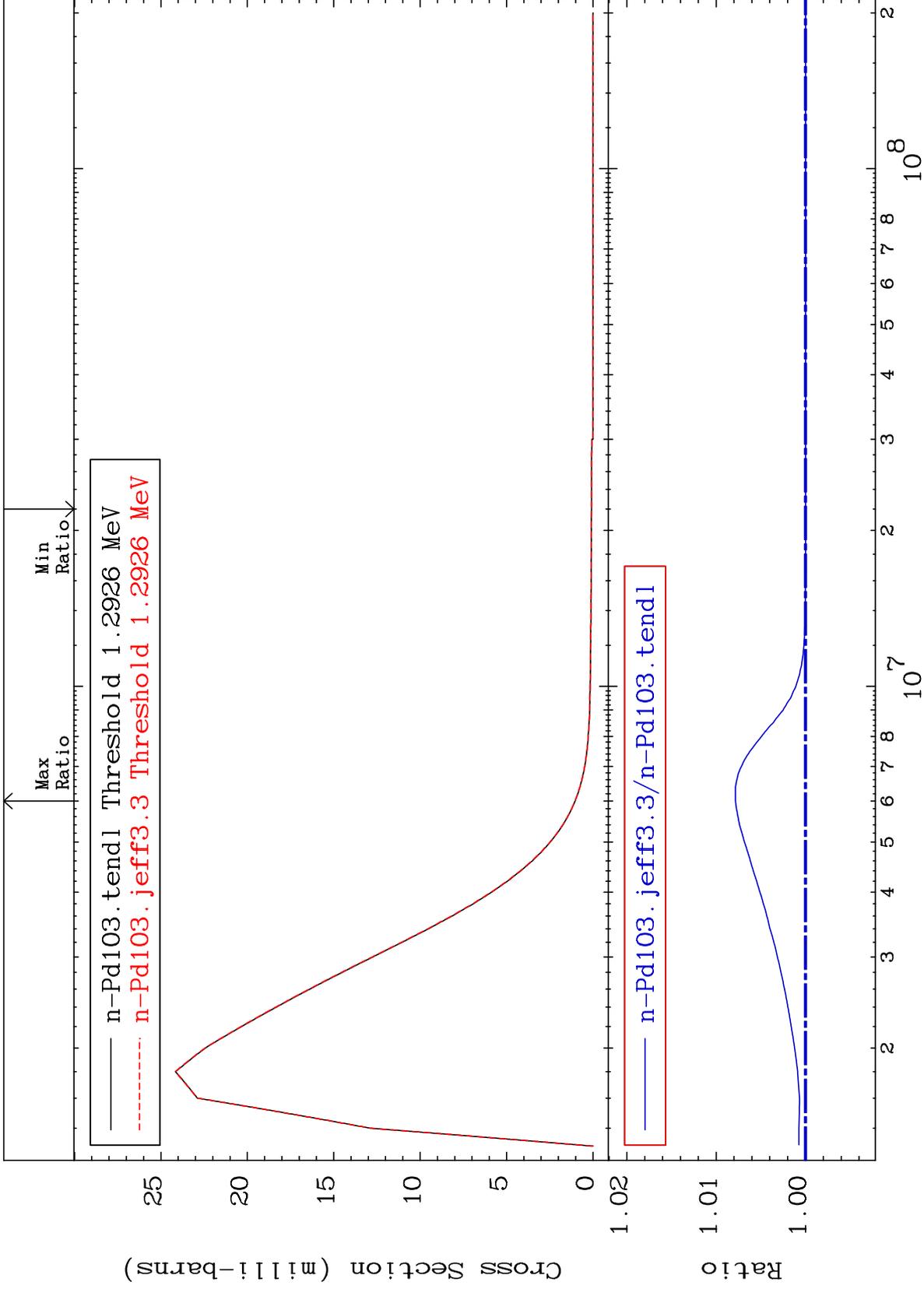
46-Pd-103
0.000 To 1.036 %



MAT 4628

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

46-Pd-103
0.000 To 0.785 %



45

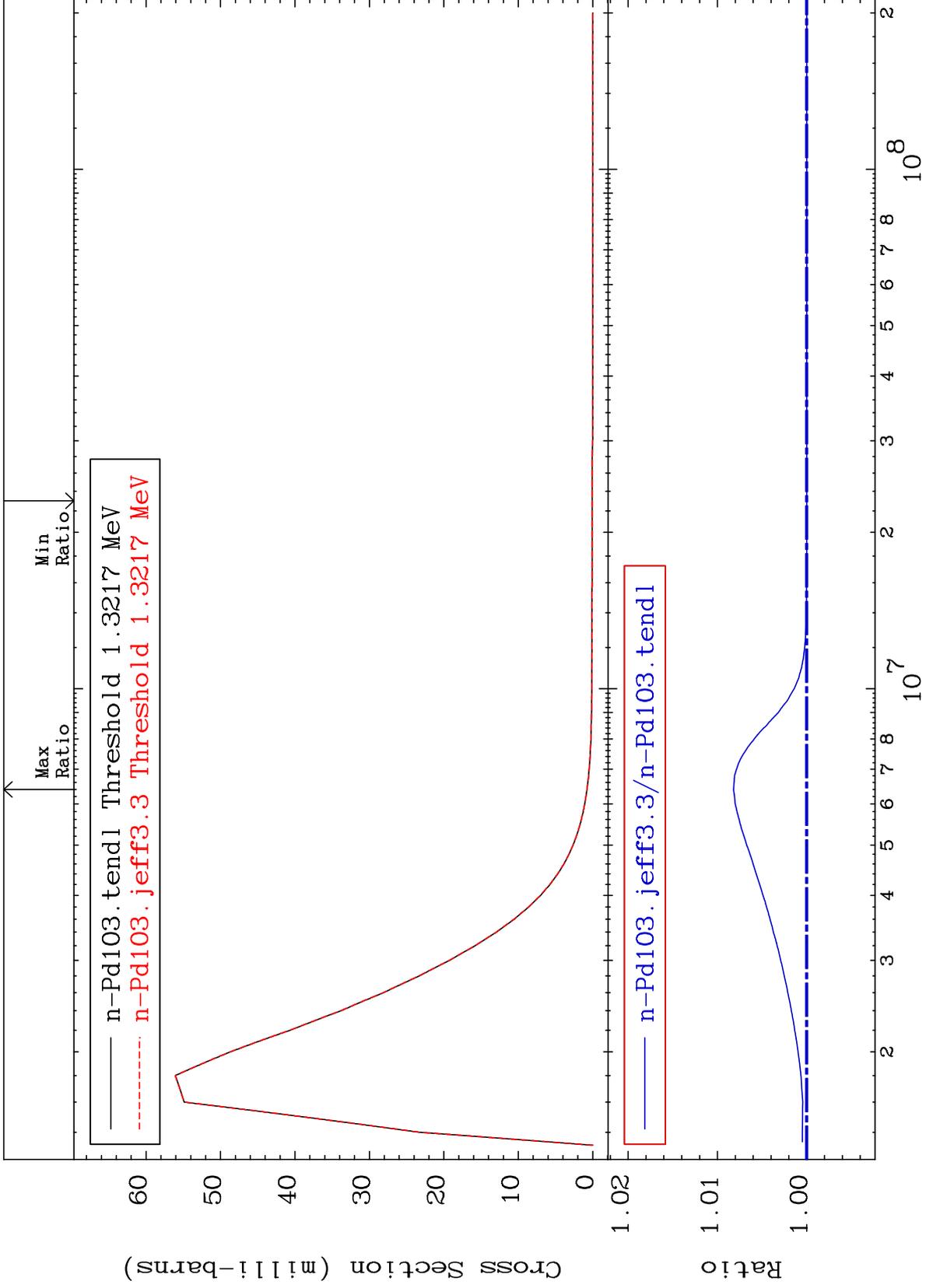
Incident Energy (eV)

46-Pd-103

MAT 4628

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

46-Pd-103
To 0.819 %



46

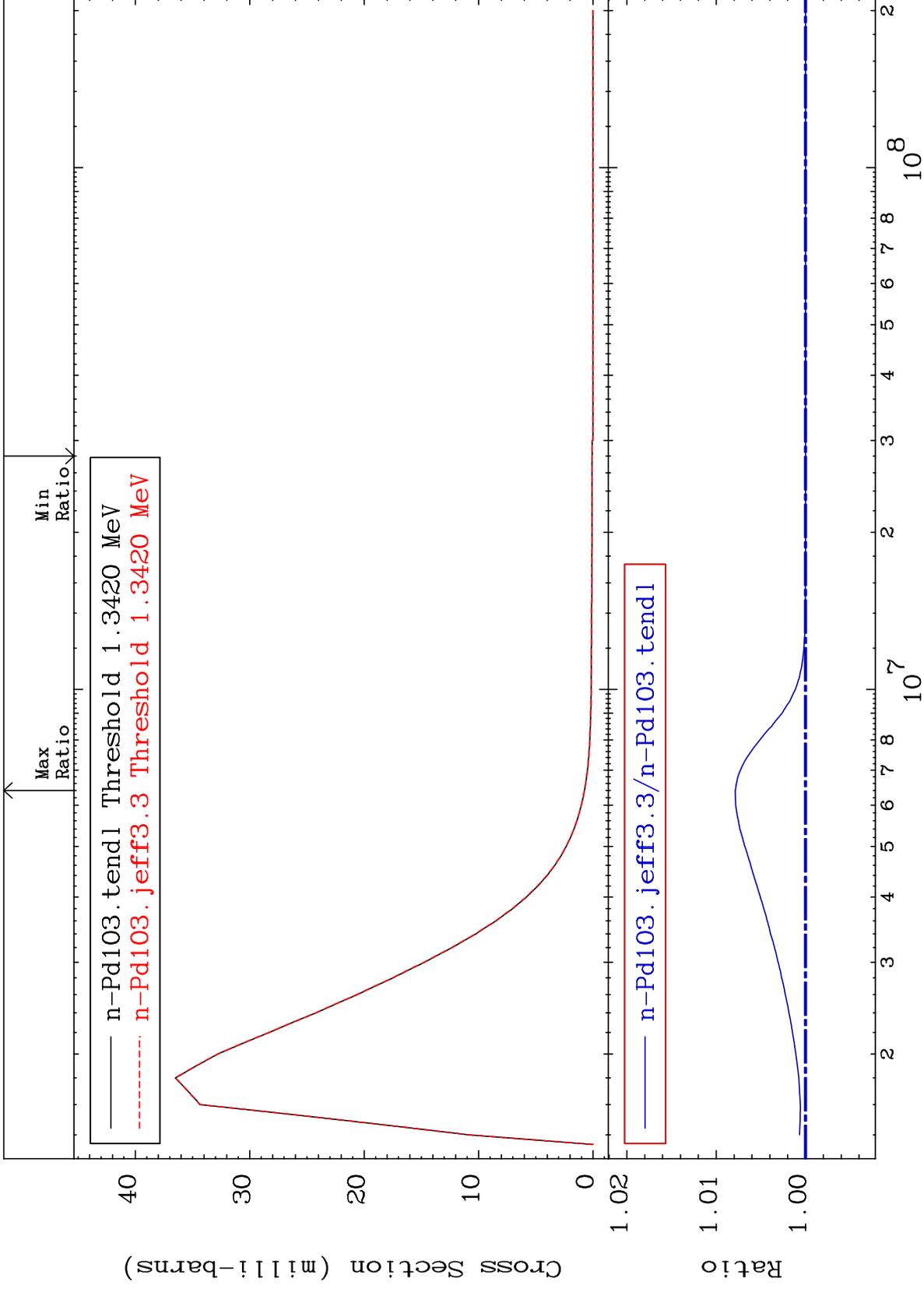
Incident Energy (eV)

46-Pd-103

MAT 4628

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

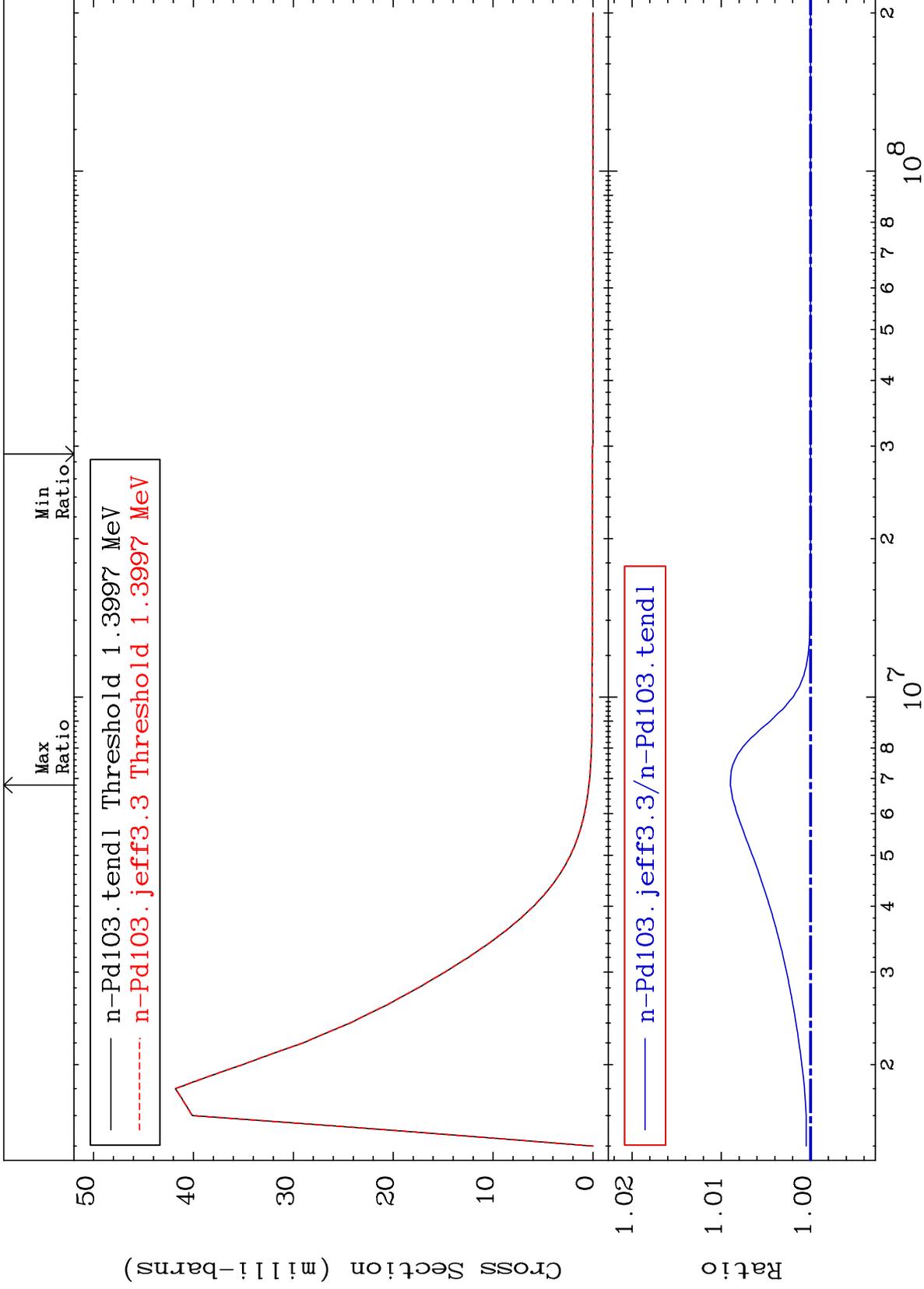
46-Pd-103
0.000 To 0.786 %



MAT 4628

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

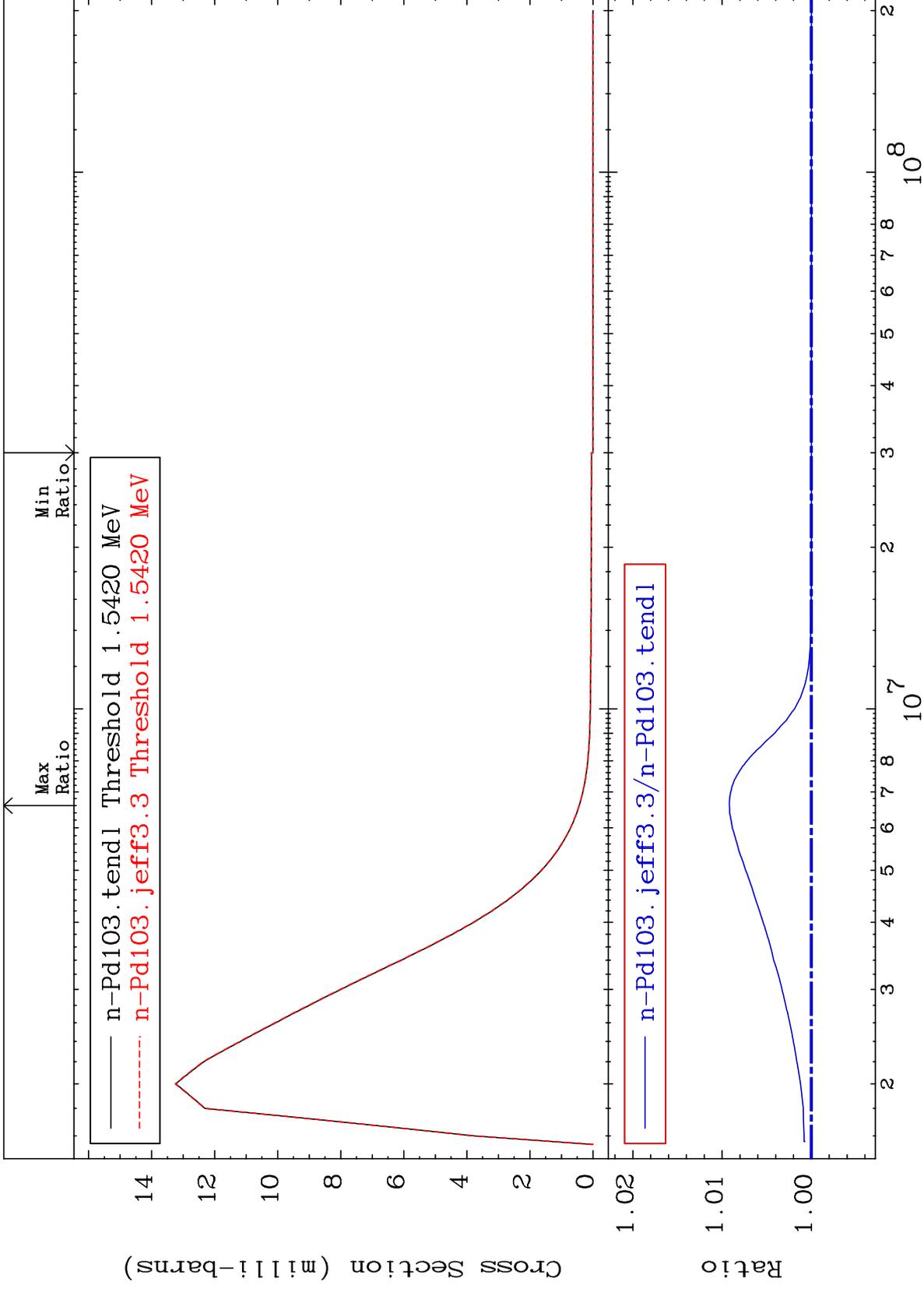
46-Pd-103
To 0.900 %



MAT 4628

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

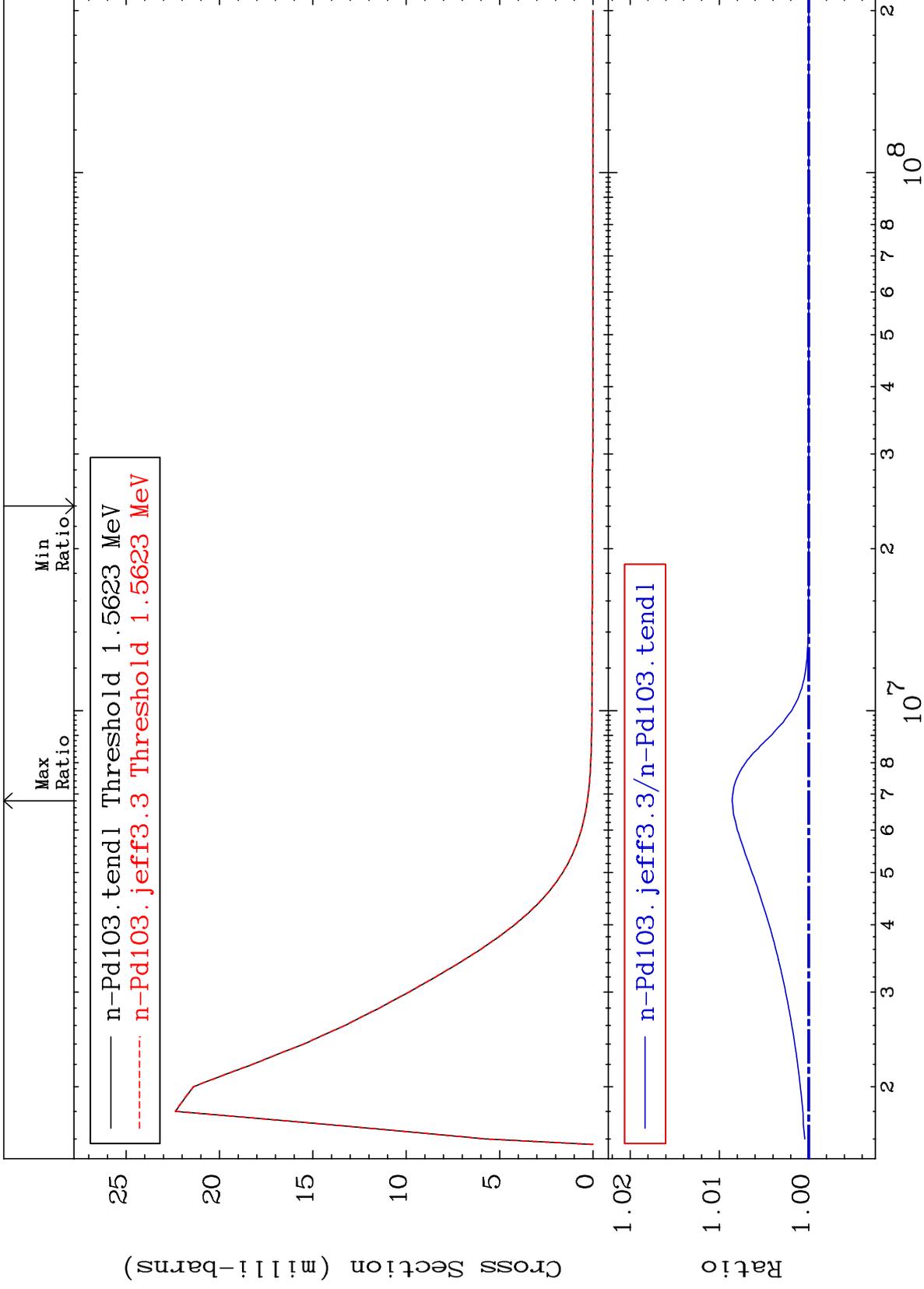
46-Pd-103
0.000 To 0.918 %



MAT 4628

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

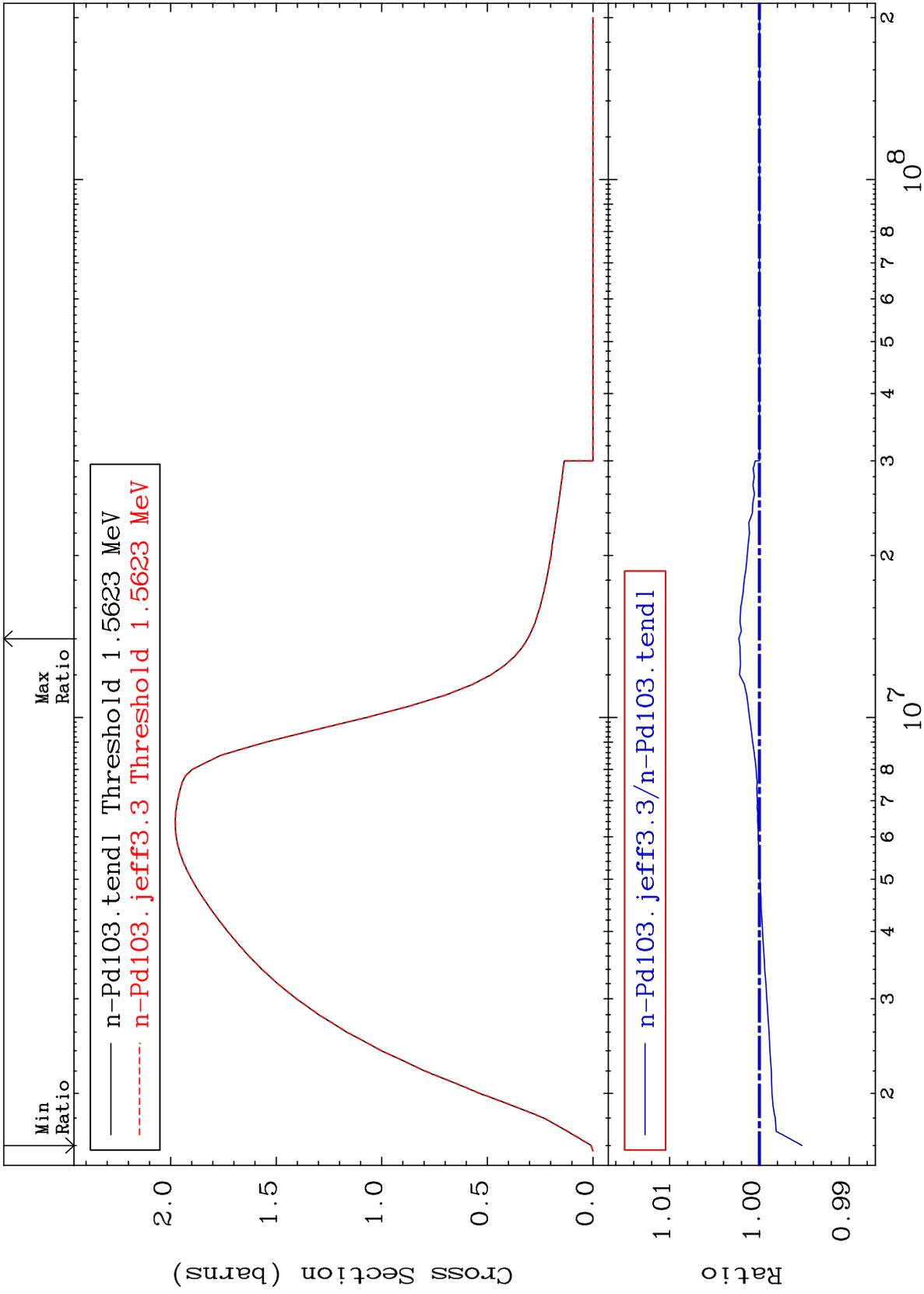
46-Pd-103
0.000 To 0.857 %



50

Incident Energy (eV)

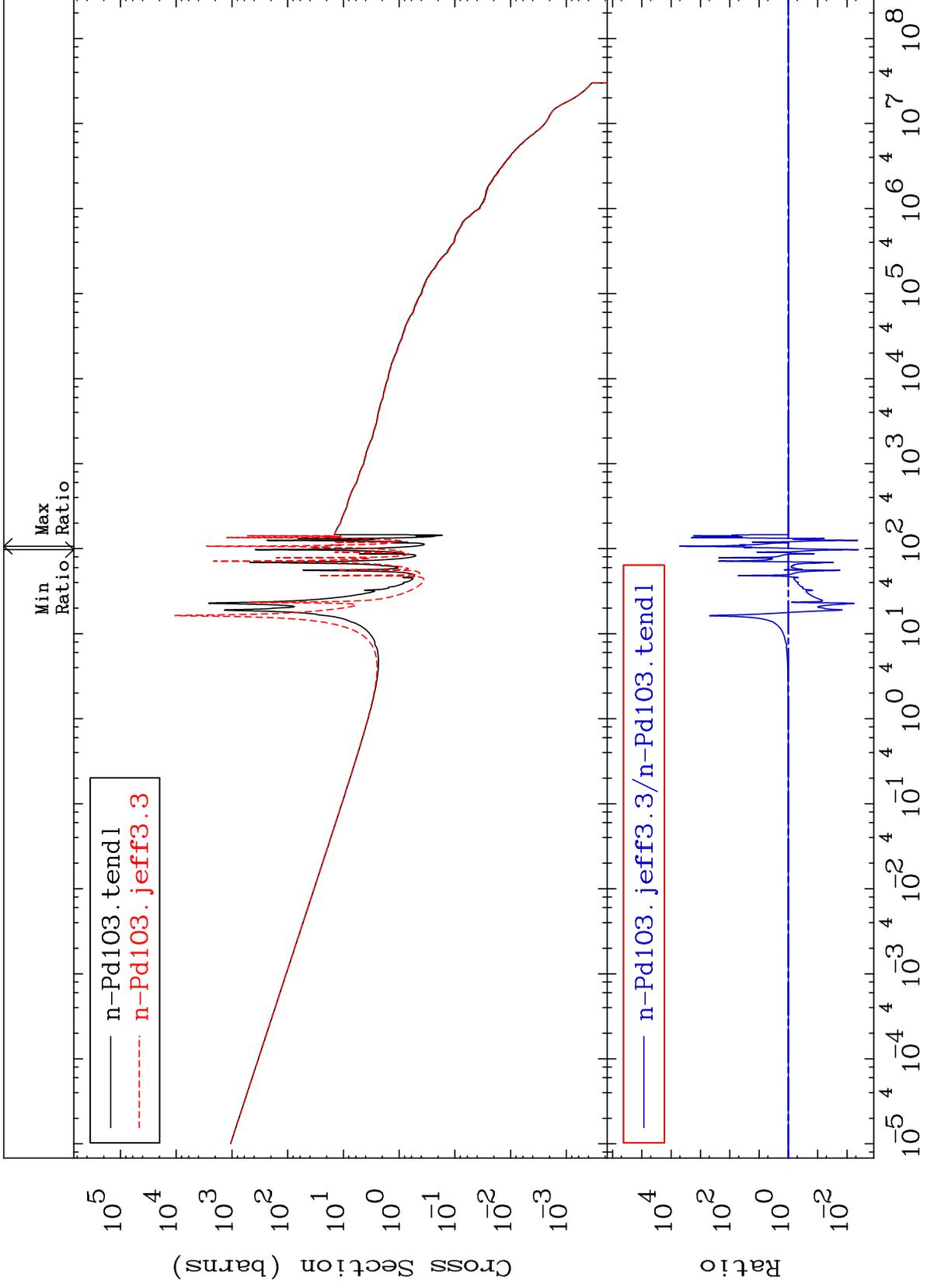
46-Pd-103



MAT 4628

(n, γ)
Cross Section

46-Pd-103
-99.60 To 9999. %



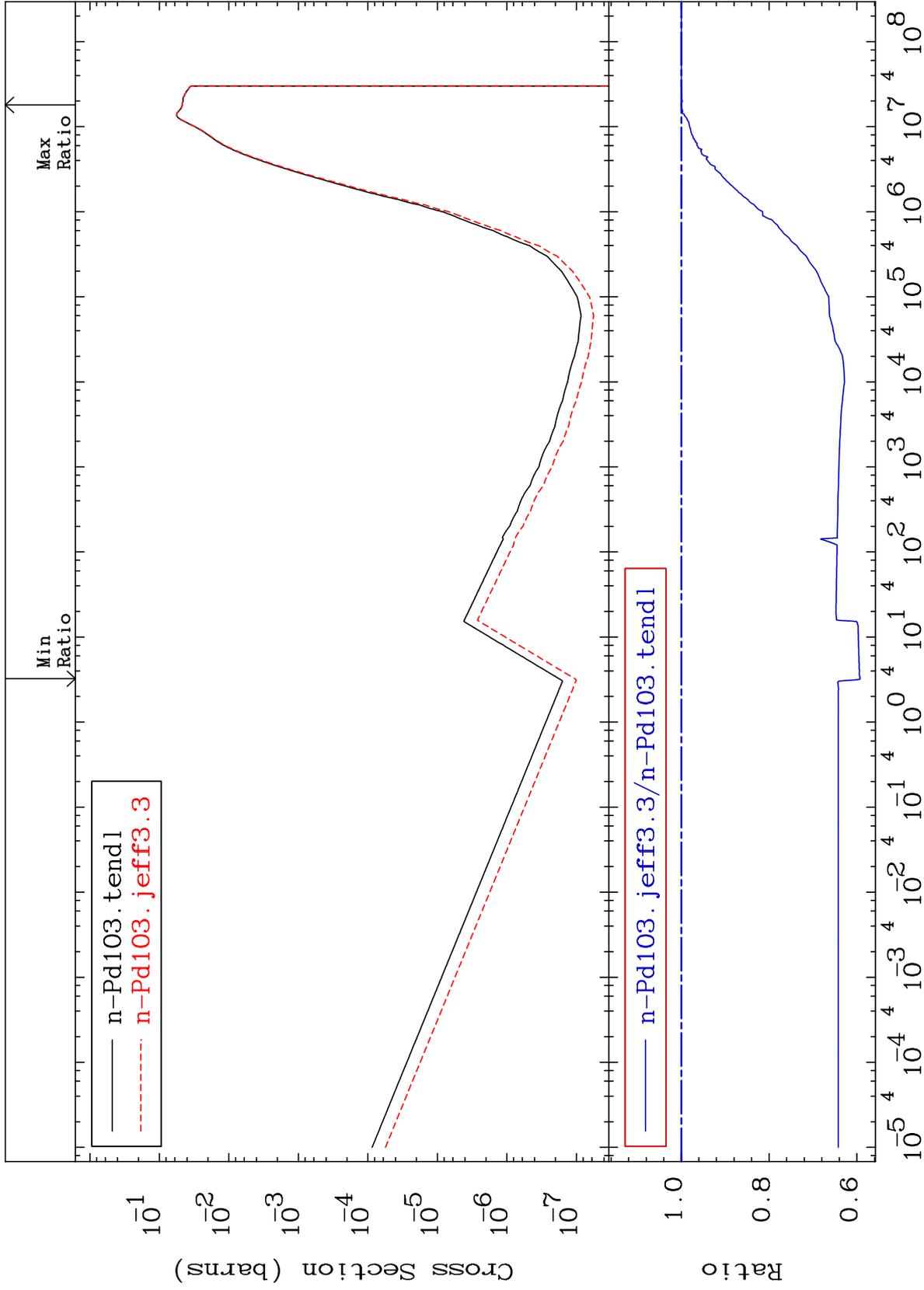
MAT 4628

(n, p)

46-Pd-103

Cross Section

-40.74 To 0.037 %



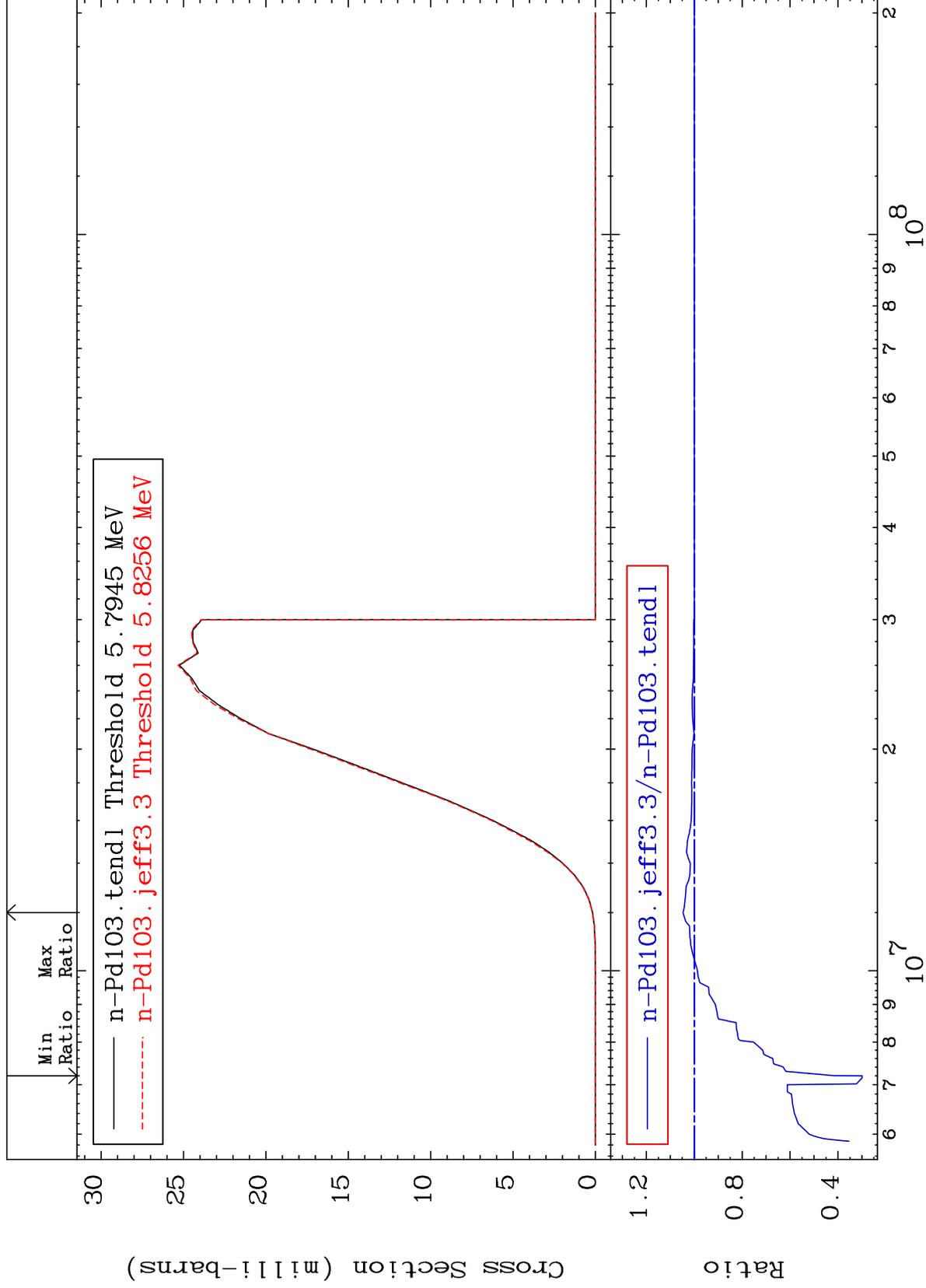
MAT 4628

(n, d)

46-Pd-103

Cross Section

-70.09 To 4.669 %



54

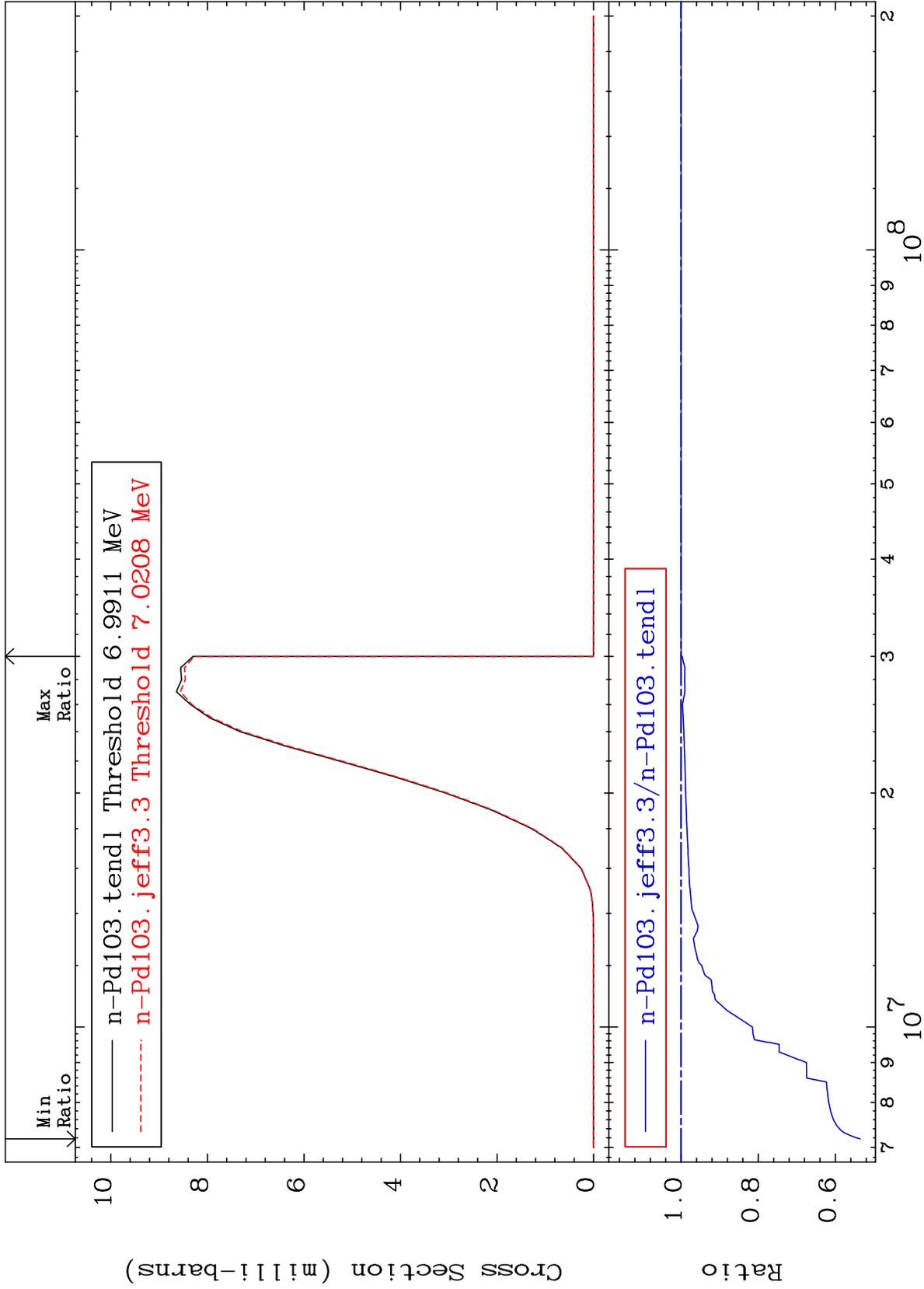
Incident Energy (eV)

46-Pd-103

MAT 4628

46-Pd-103

(n, t)
Cross Section
-46.44 To 0.000 %



55

46-Pd-103

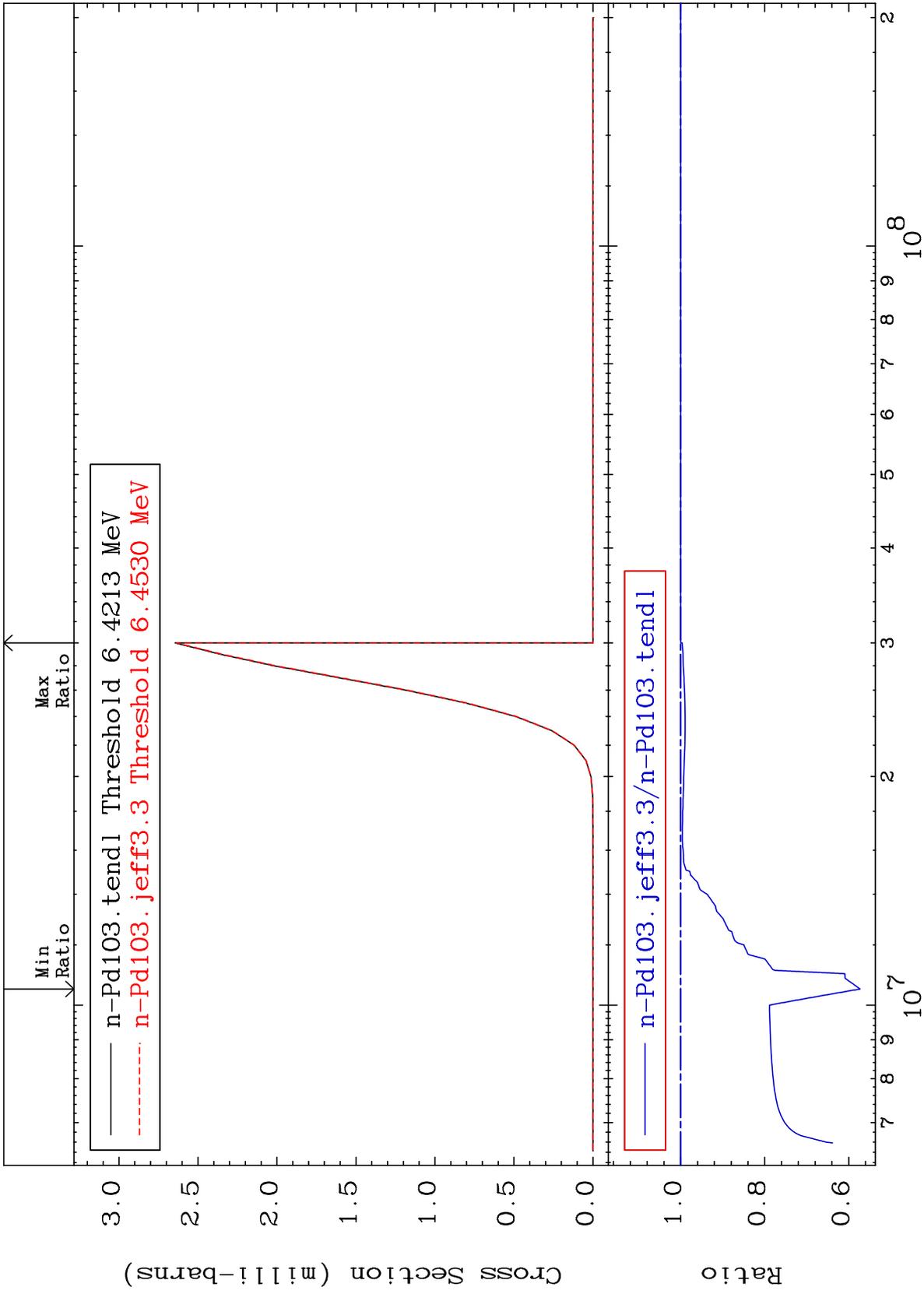
MAT 4628

(n, He-3)

46-Pd-103

Cross Section

-42.71 To 0.000 %



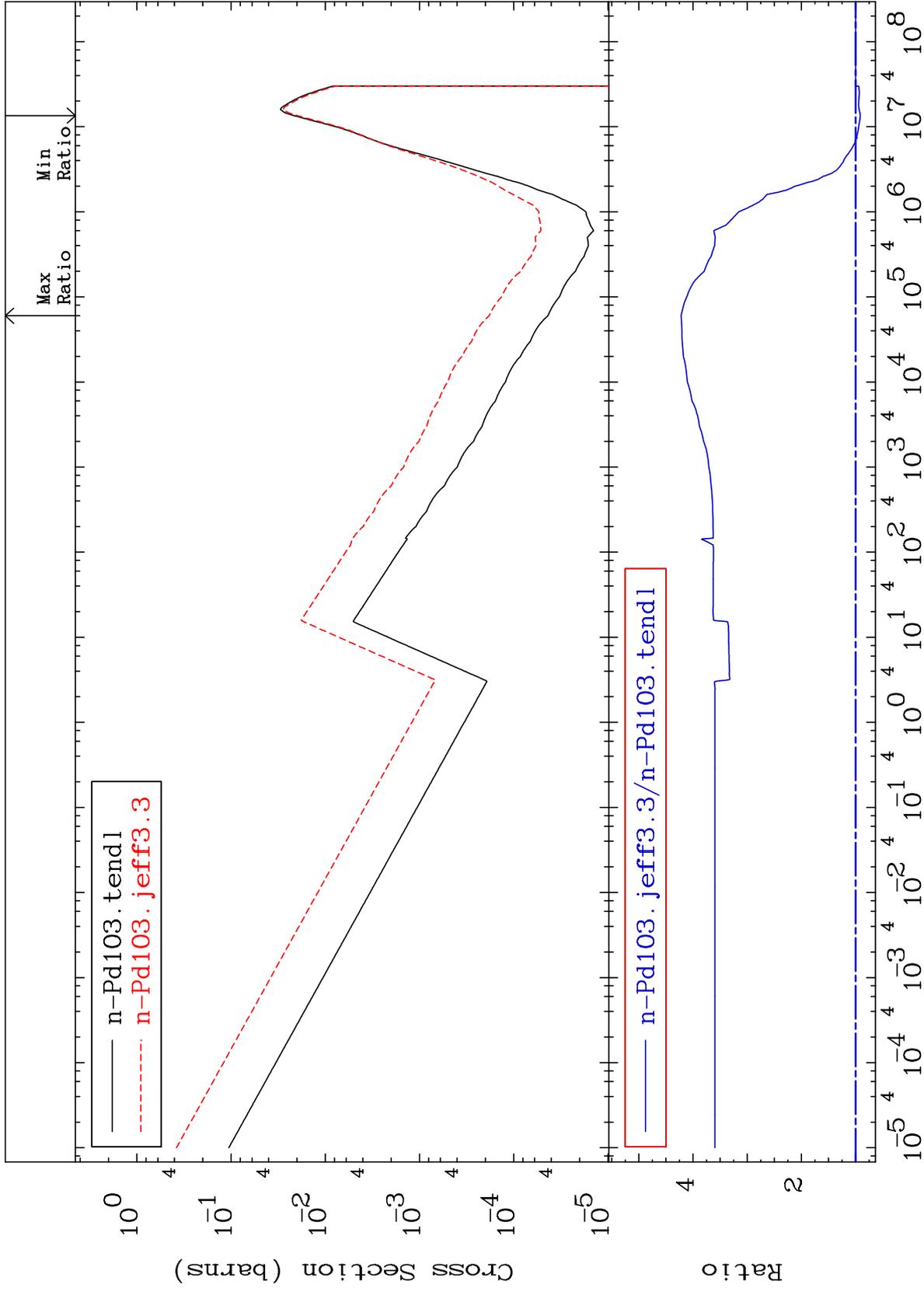
MAT 4628

(n, α)

46-Pd-103

Cross Section

-8.563 To 321.7 %



57

Incident Energy (eV)

46-Pd-103

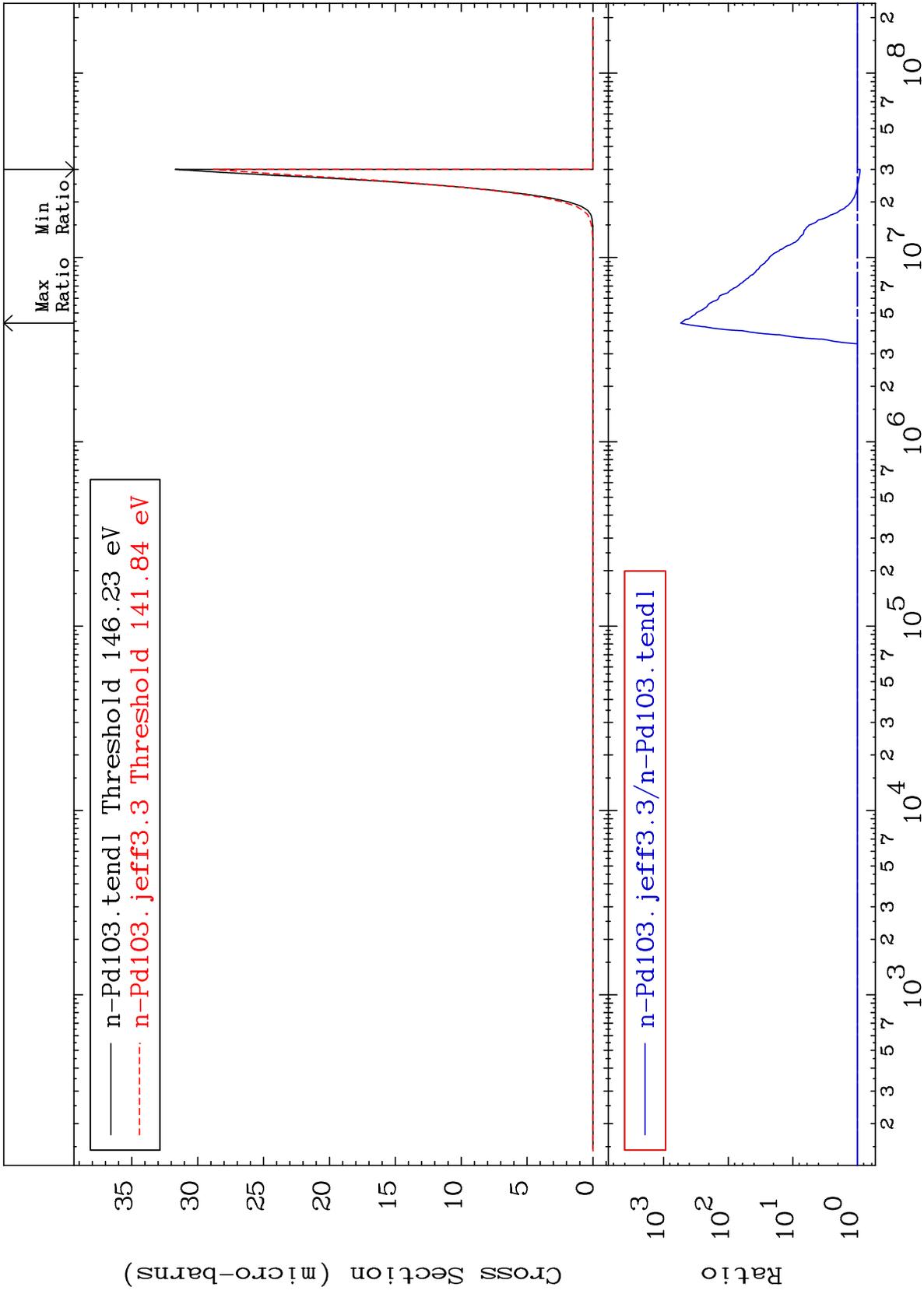
MAT 4628

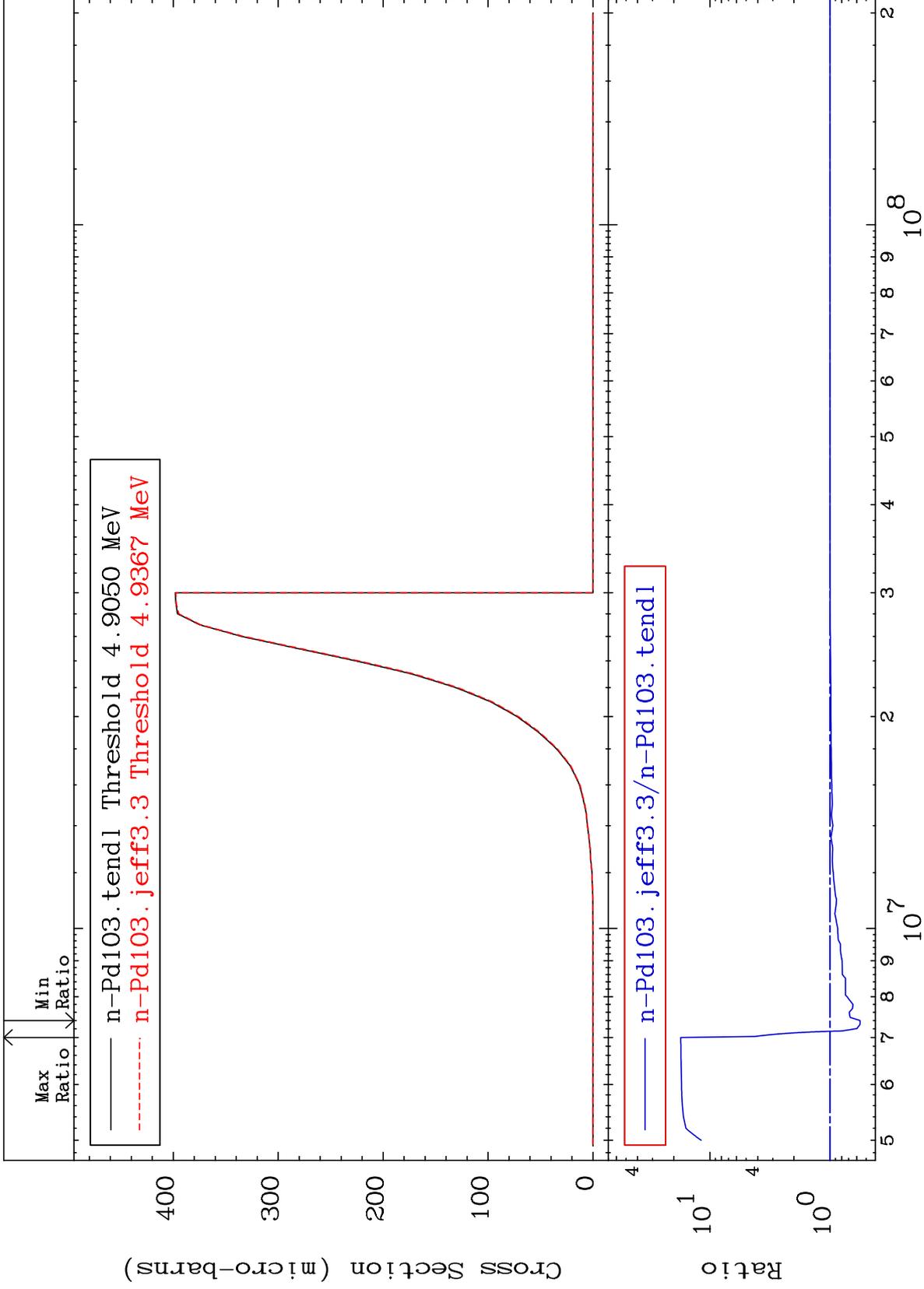
(n,2α)

46-Pd-103

Cross Section

-9.207 To 9999. %





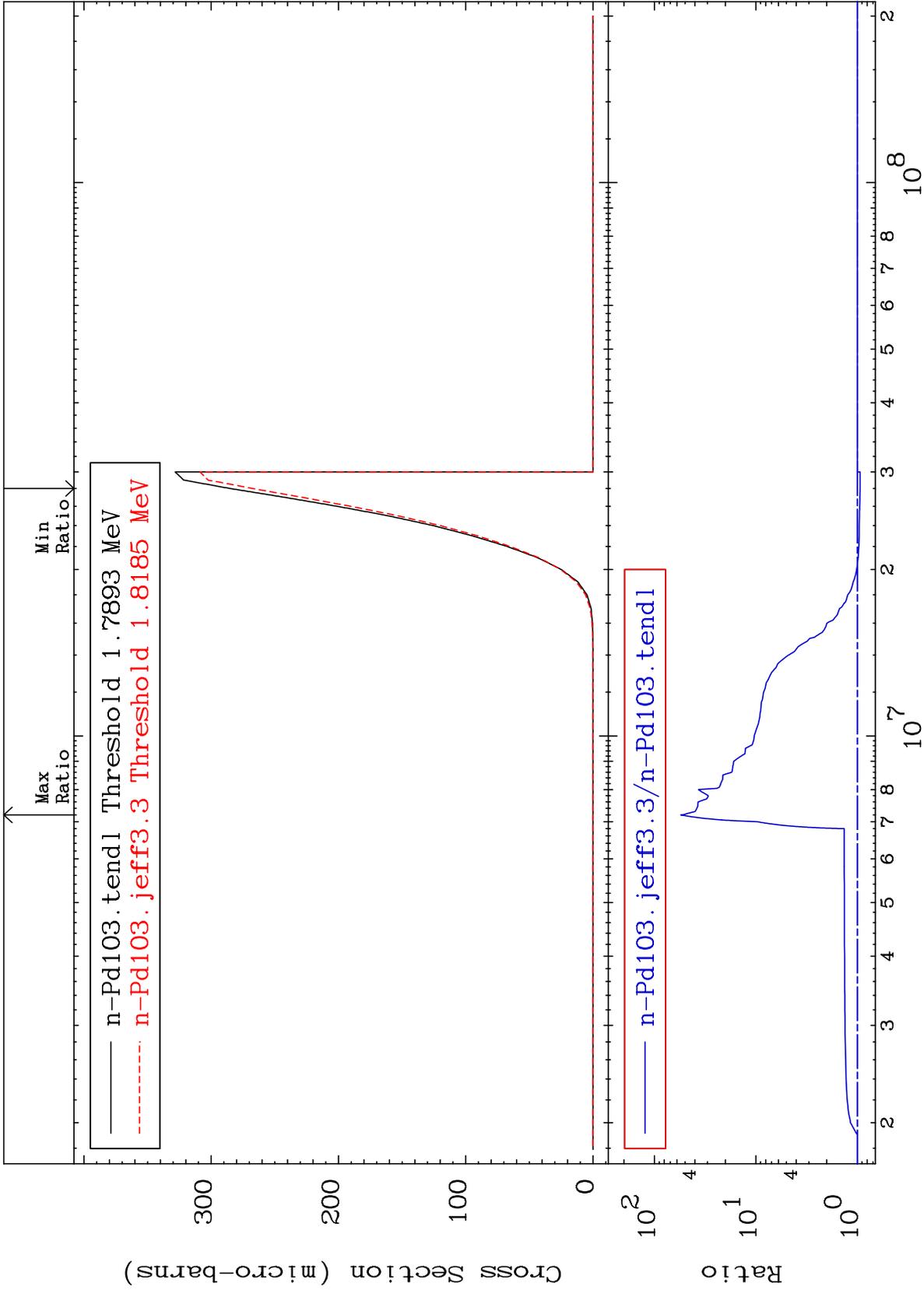
MAT 4628

(n, p) α

46-Pd-103

Cross Section

-6.163 To 5405. %



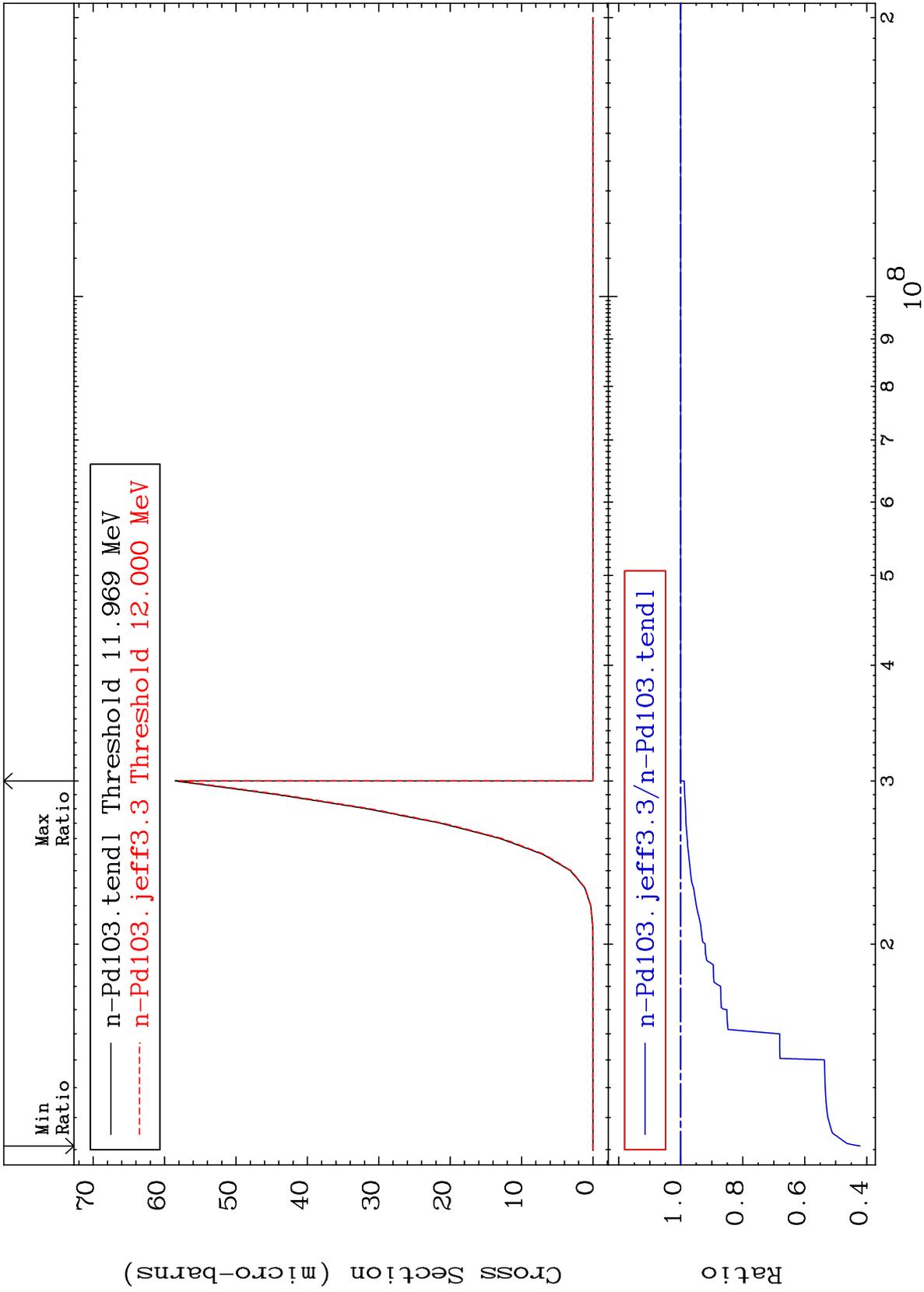
60

Incident Energy (eV)

46-Pd-103

Cross Section

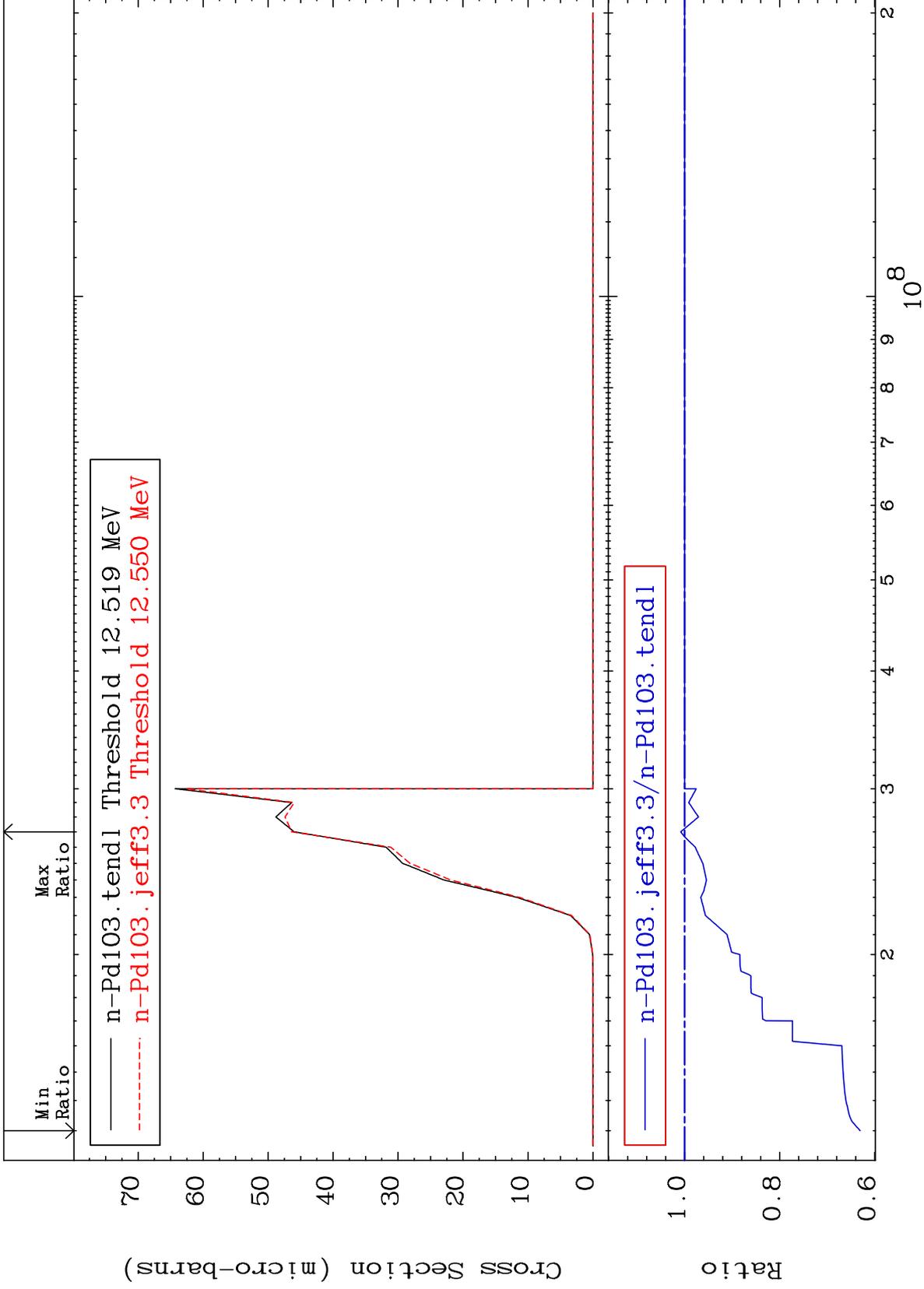
-57.85 To 0.000 %



MAT 4628

(n,p) t
Cross Section

46-Pd-103
-36.93 To 0.816 %



62

Incident Energy (eV)

46-Pd-103

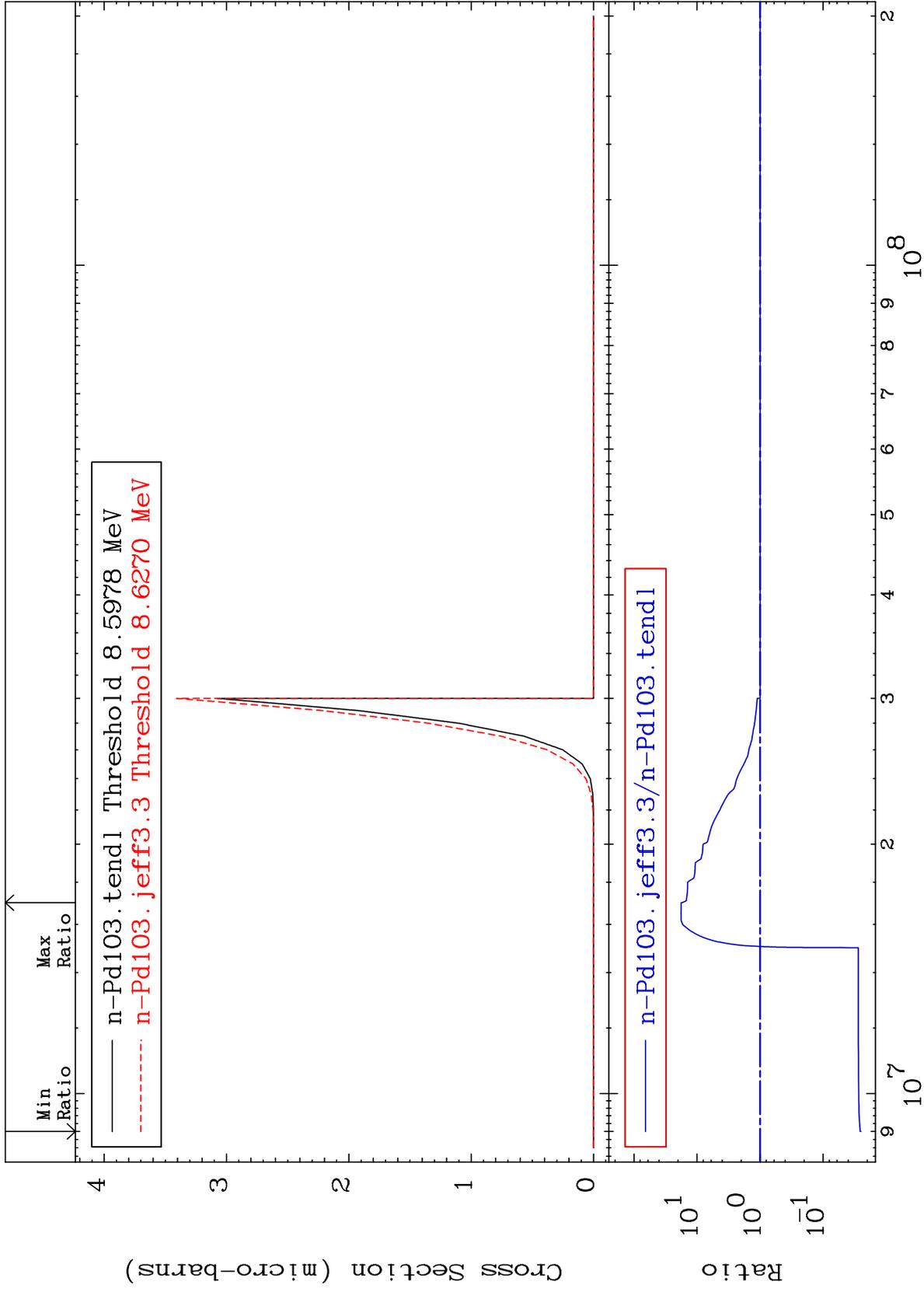
MAT 4628

(n, d) α

46-Pd-103

Cross Section

-97.41 To 1686. %



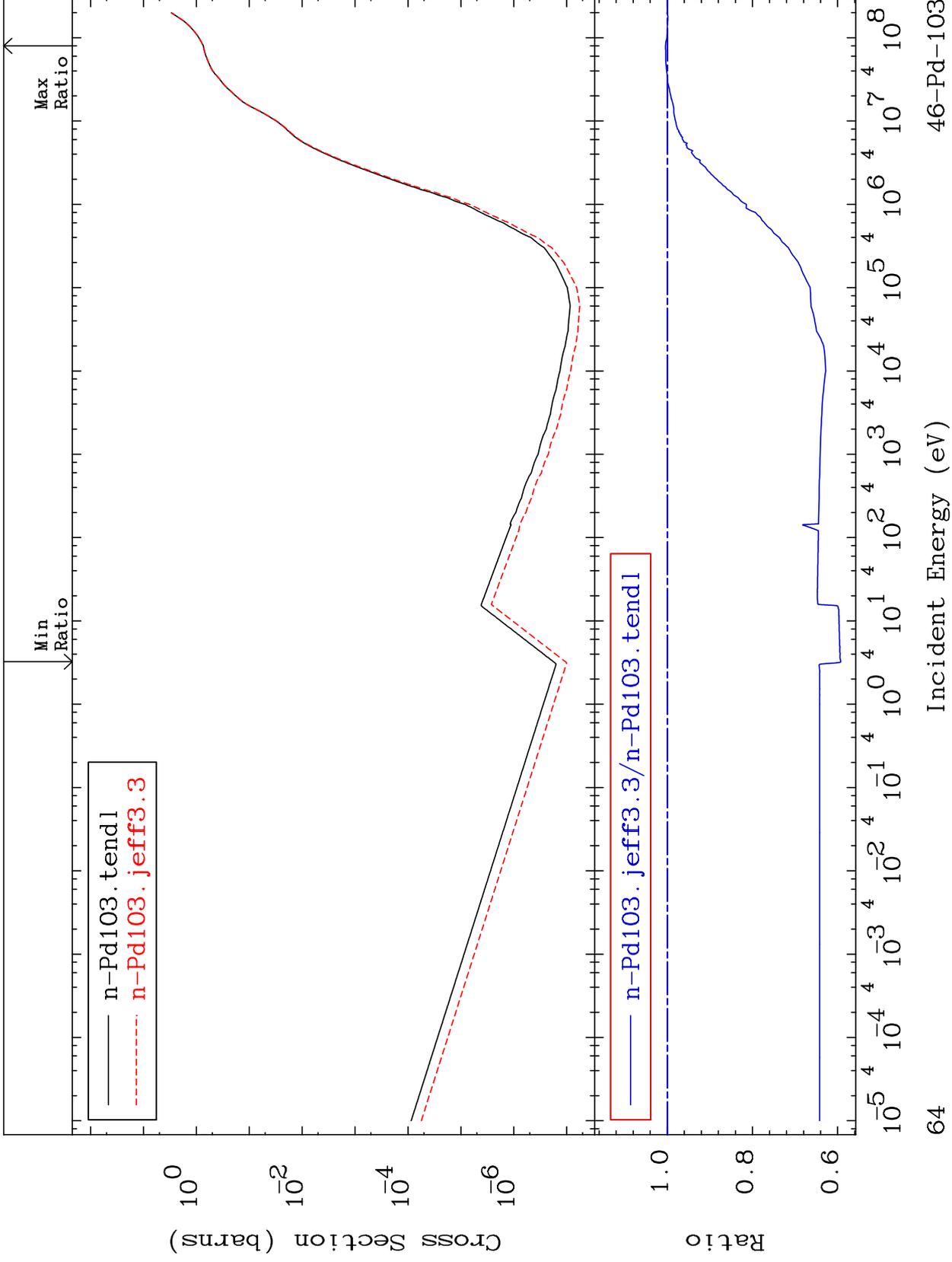
63

46-Pd-103

MAT 4628

Hydrogen Production
Cross Section

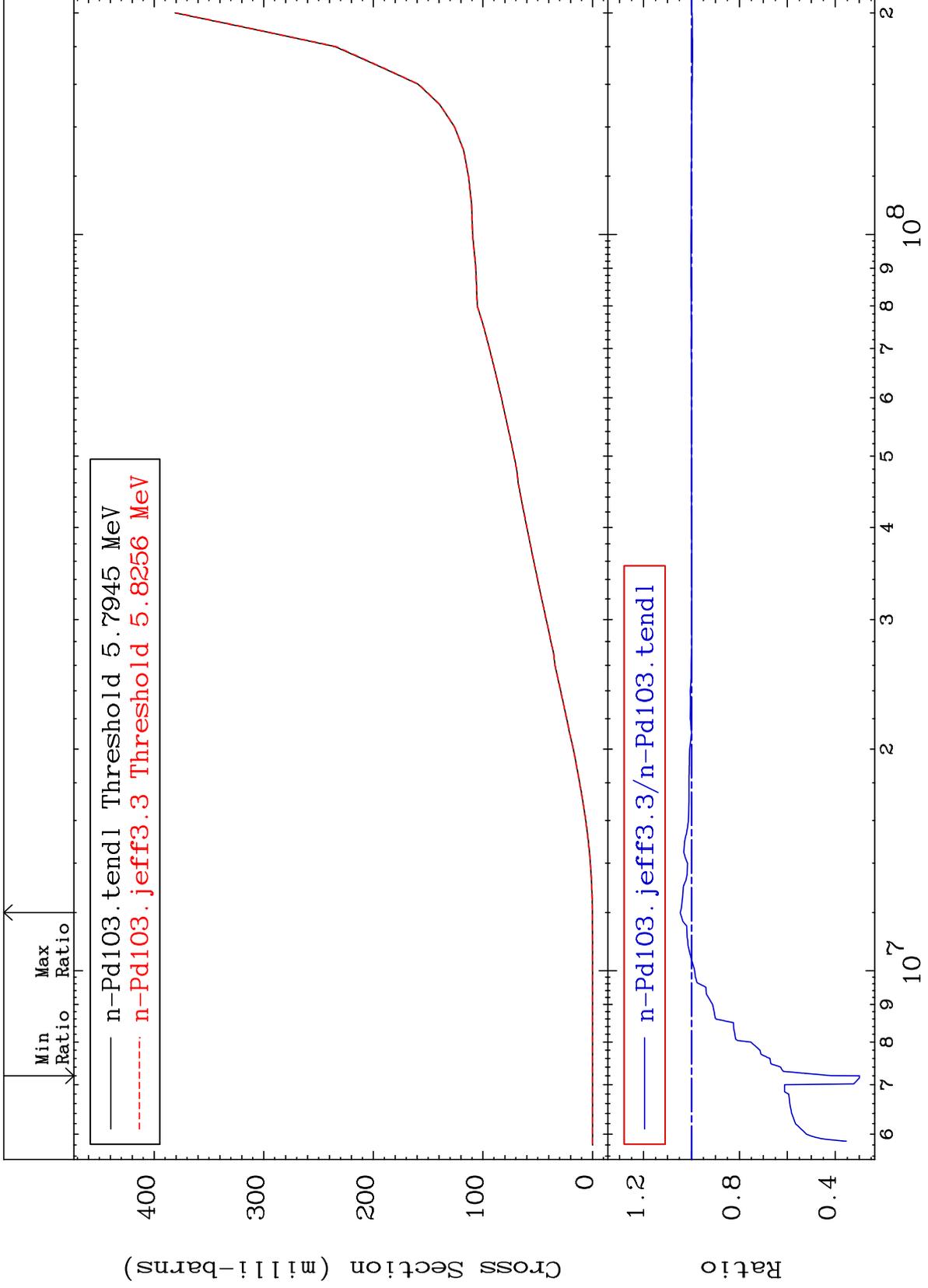
46-Pd-103
-40.74 To 0.410 %



MAT 4628

Deuterium Production
Cross Section

46-Pd-103
-70.09 To 4.669 %



65

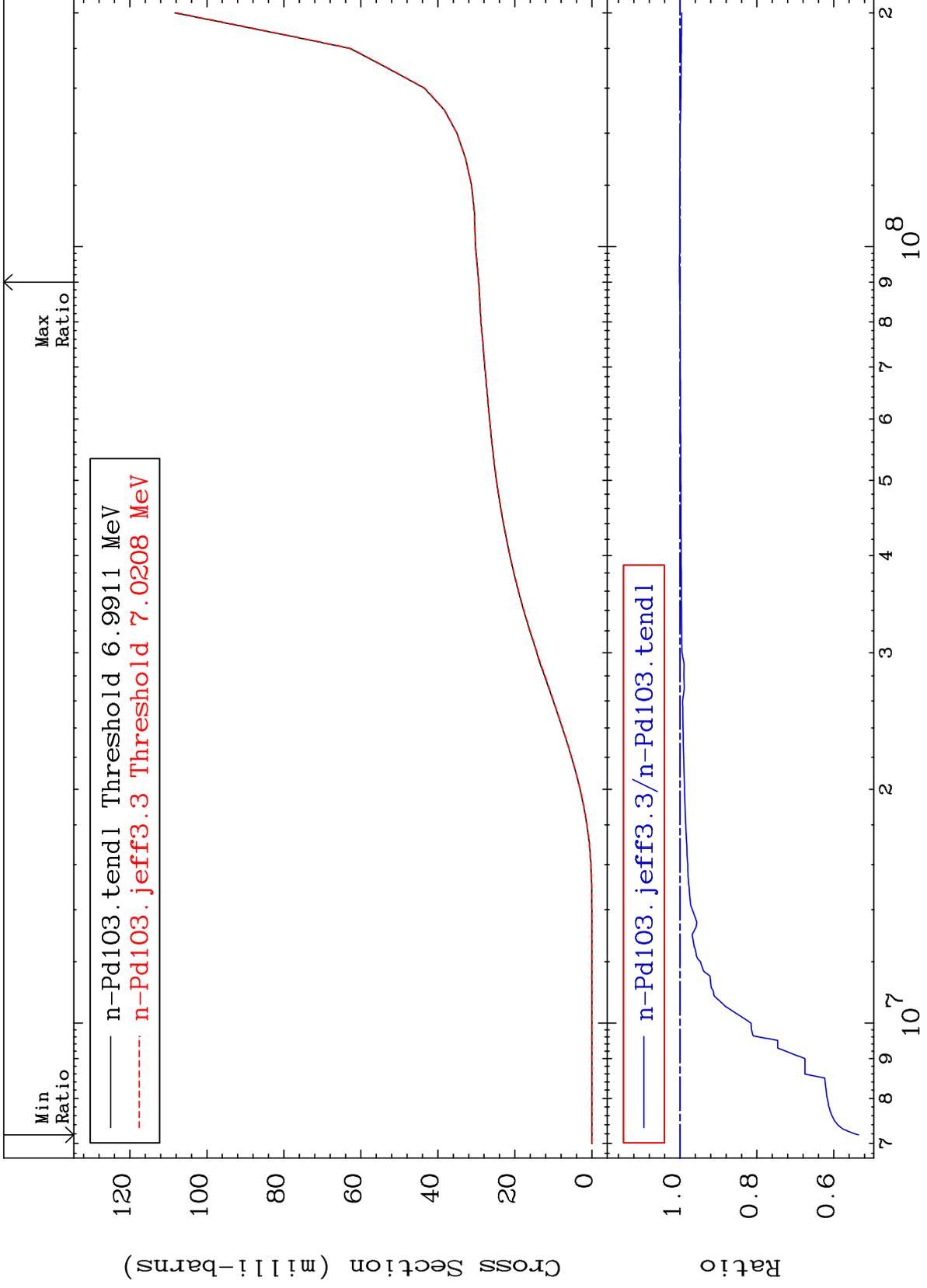
Incident Energy (eV)

46-Pd-103

MAT 4628

Tritium Production
Cross Section

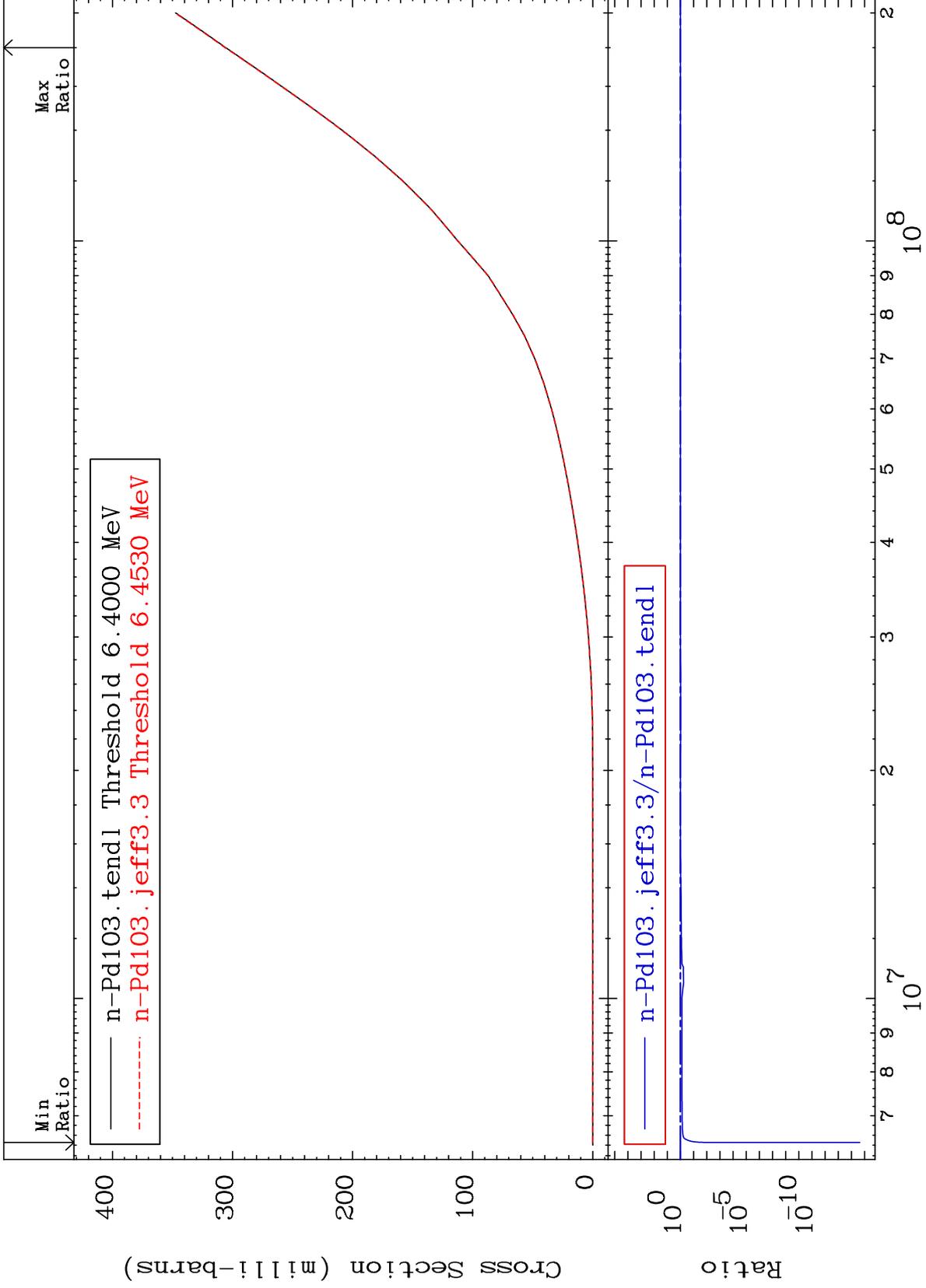
46-Pd-103
-46.44 To 0.122 %



MAT 4628

He-3 Production
Cross Section

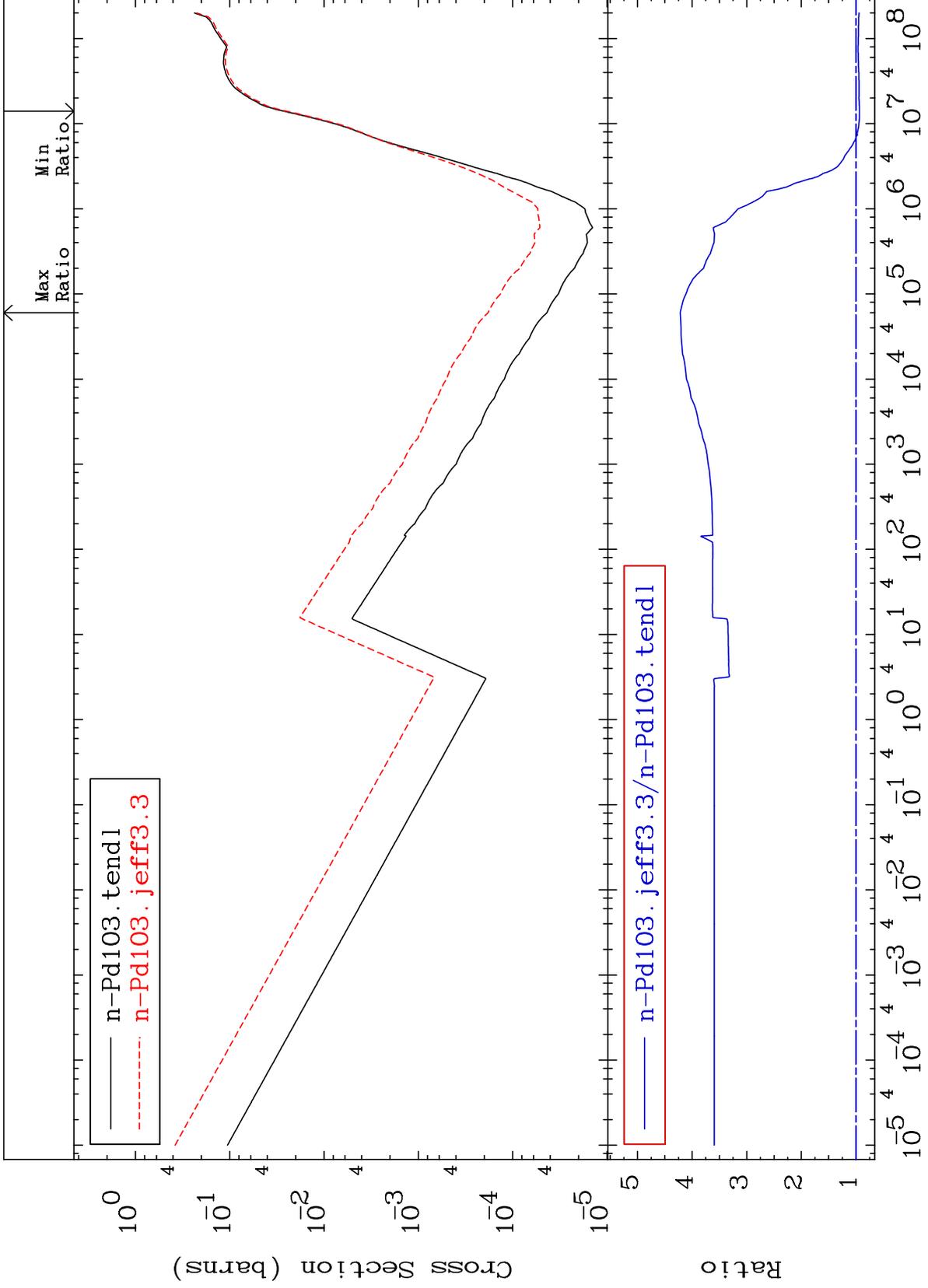
46-Pd-103
-100.0 To 0.138 %



MAT 4628

He-4 Production
Cross Section

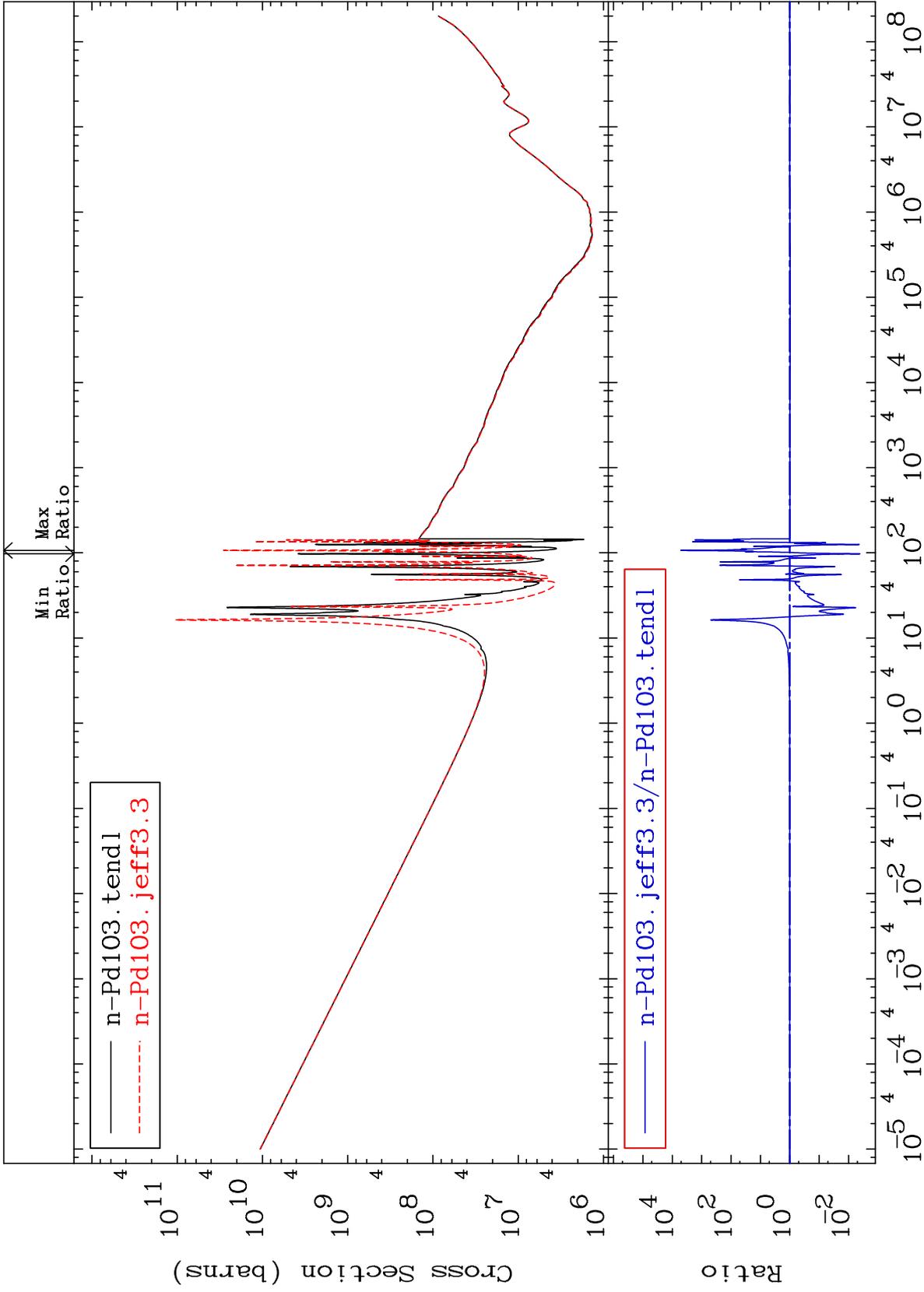
46-Pd-103
-6.448 To 321.7 %



68

Incident Energy (eV)

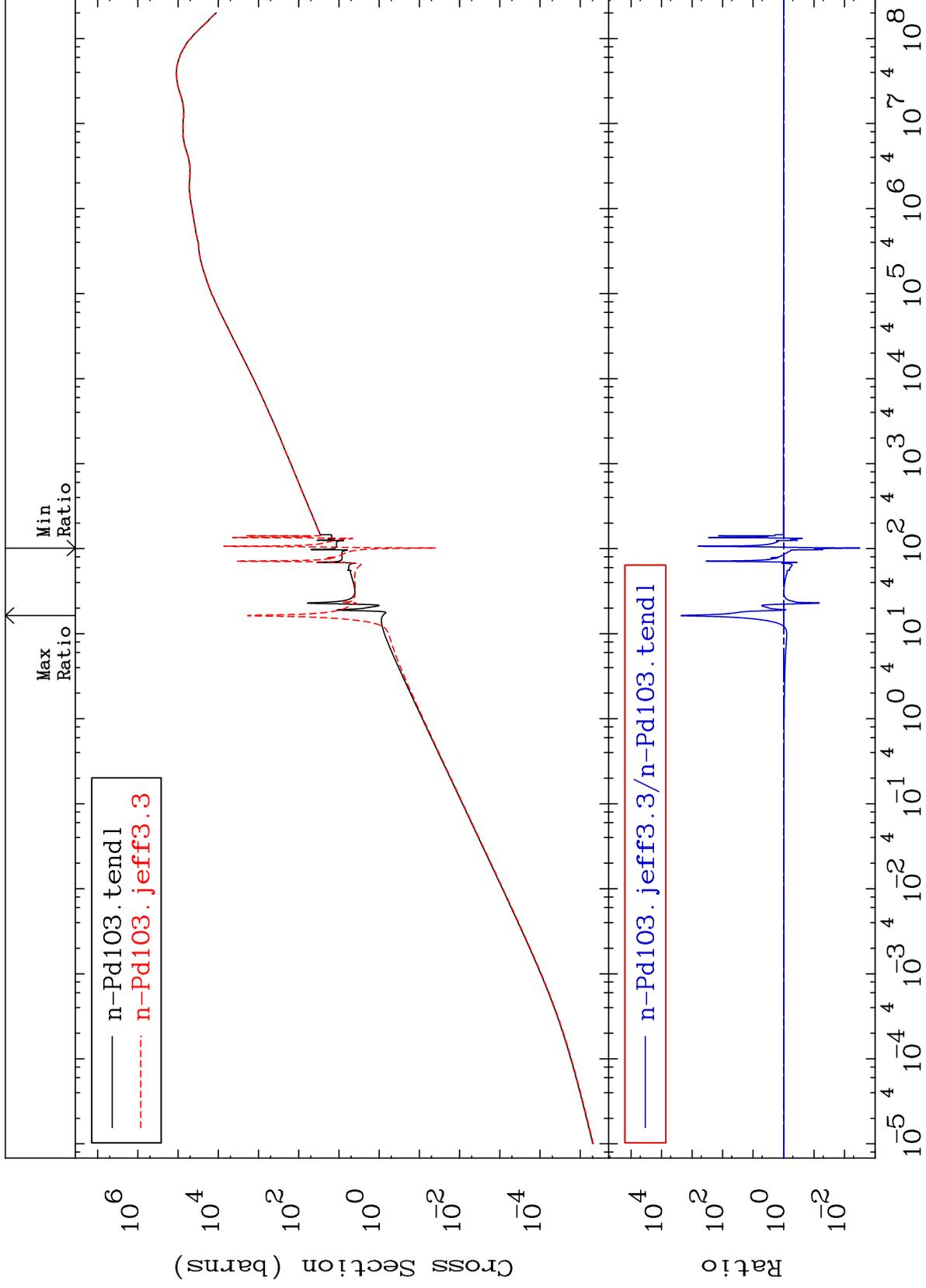
46-Pd-103



MAT 4628

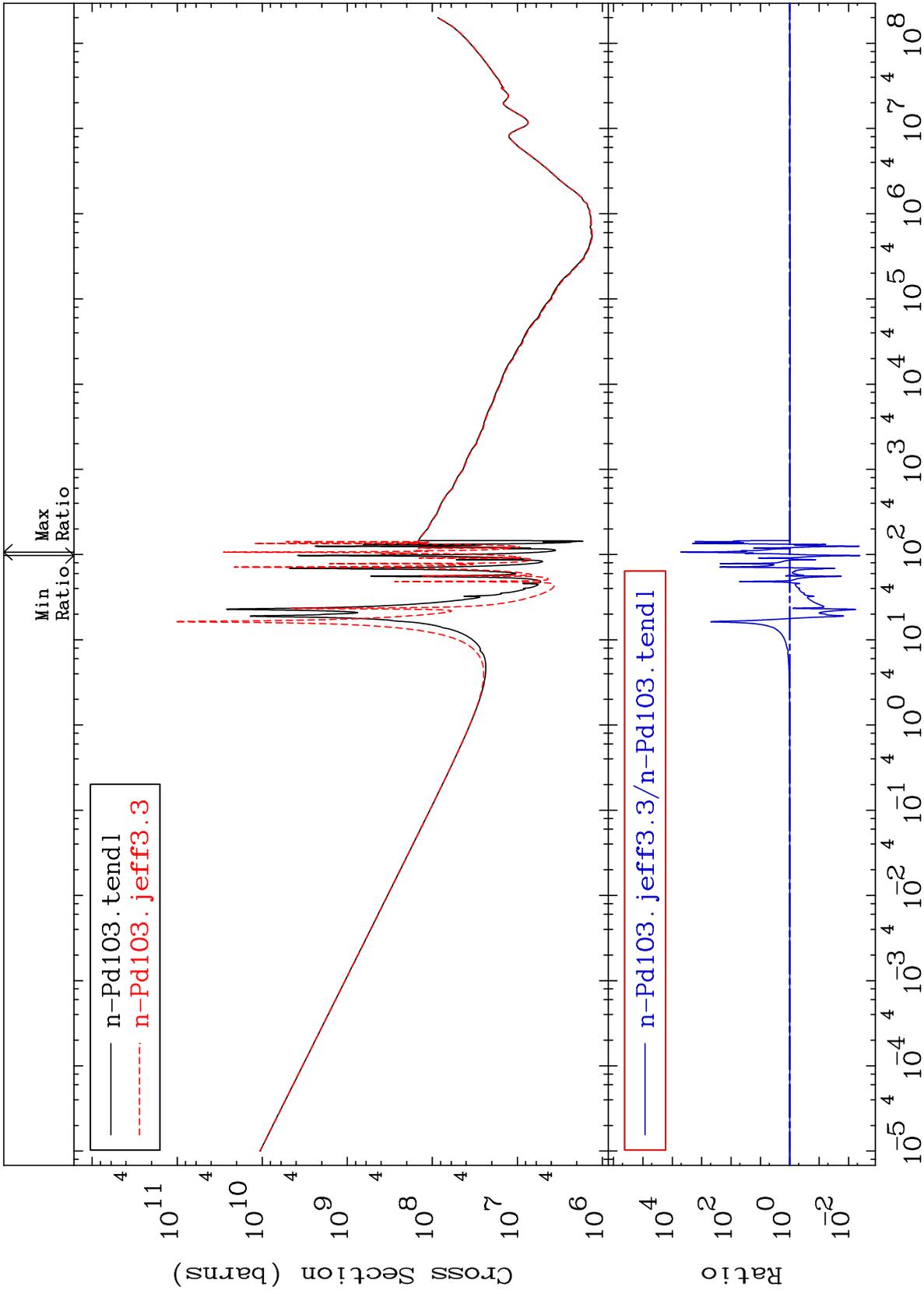
Kerma elastic
Cross Section

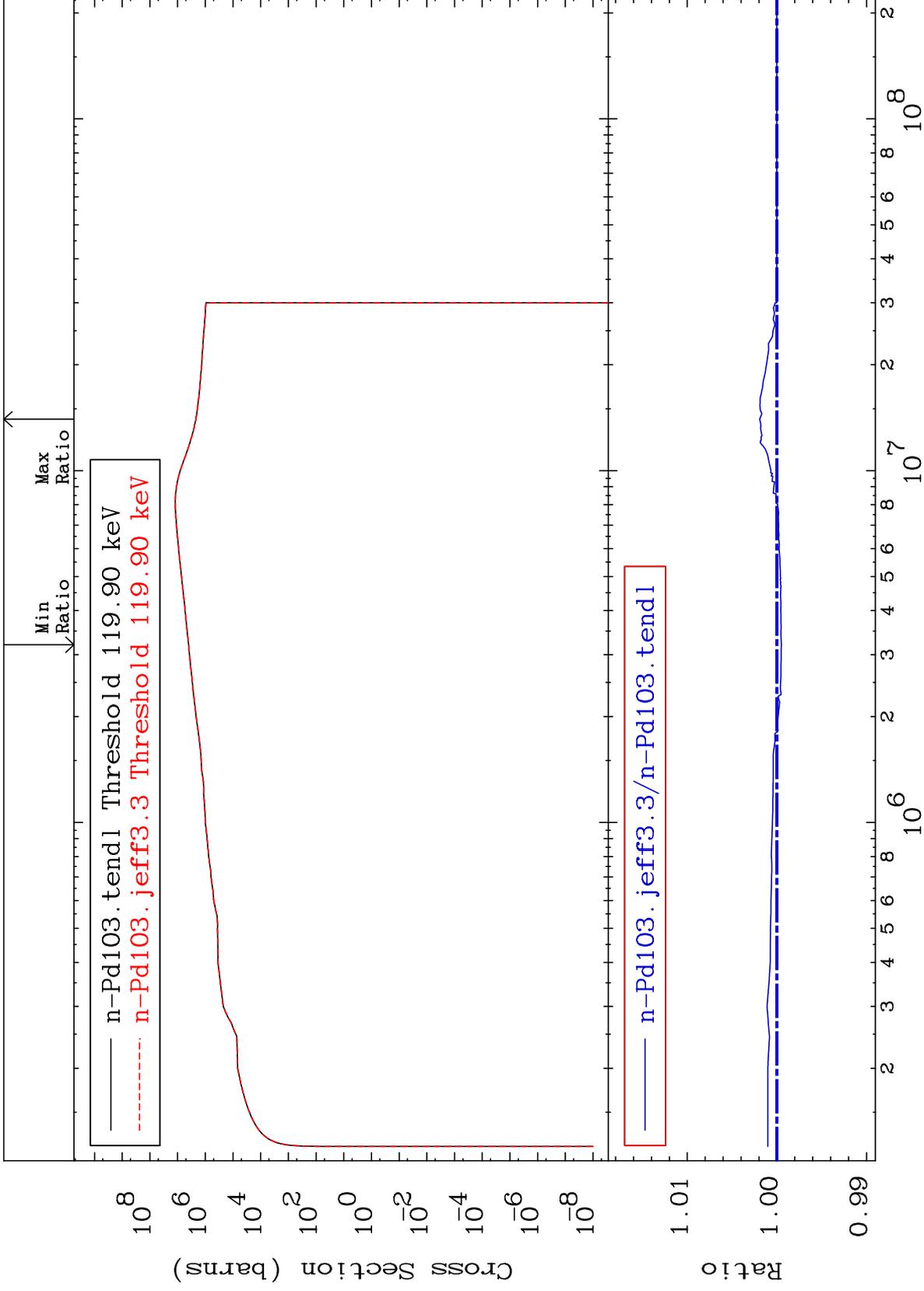
46-Pd-103
-99.69 To 9999. %



70

46-Pd-103

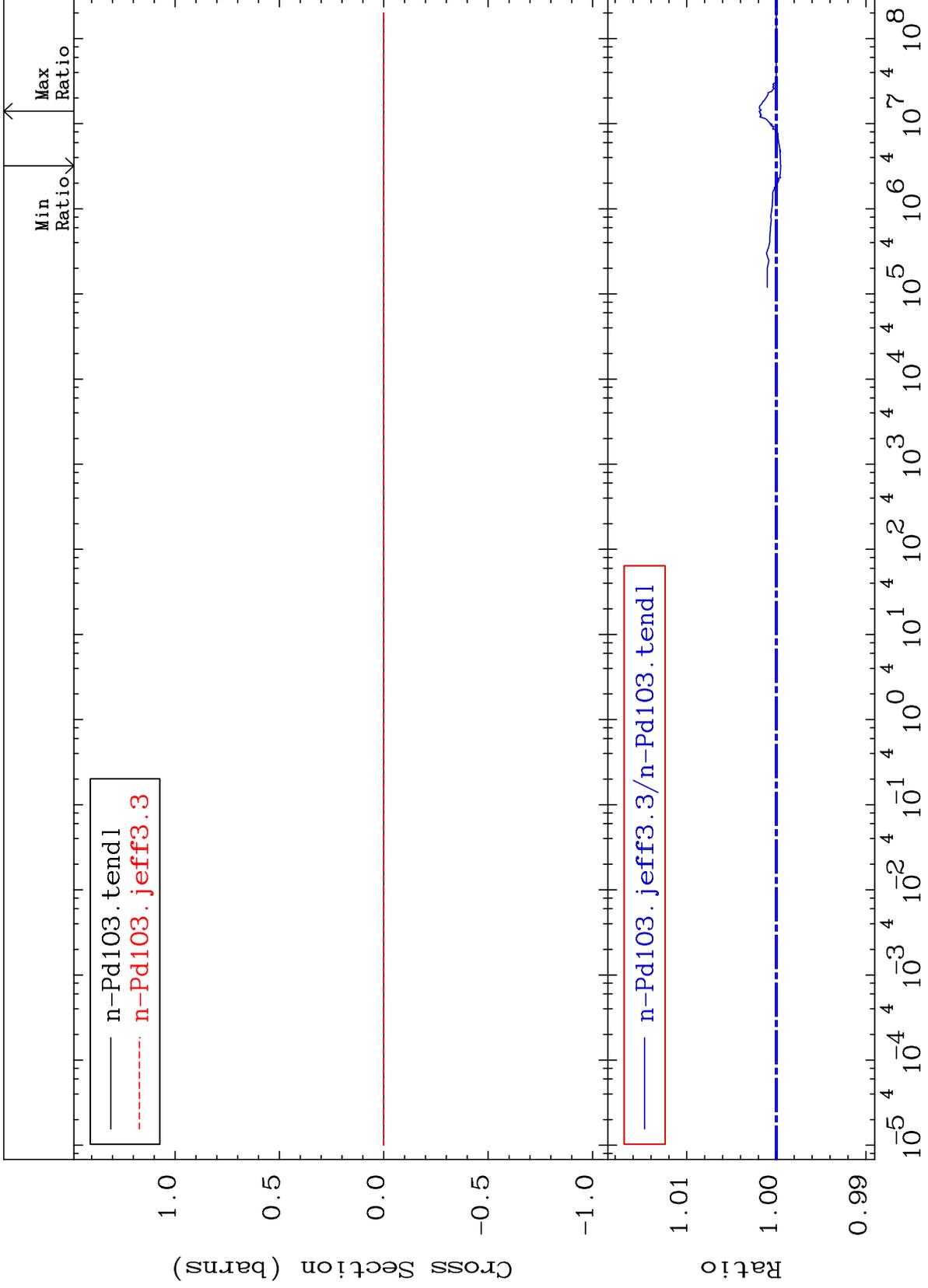




MAT 4628

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

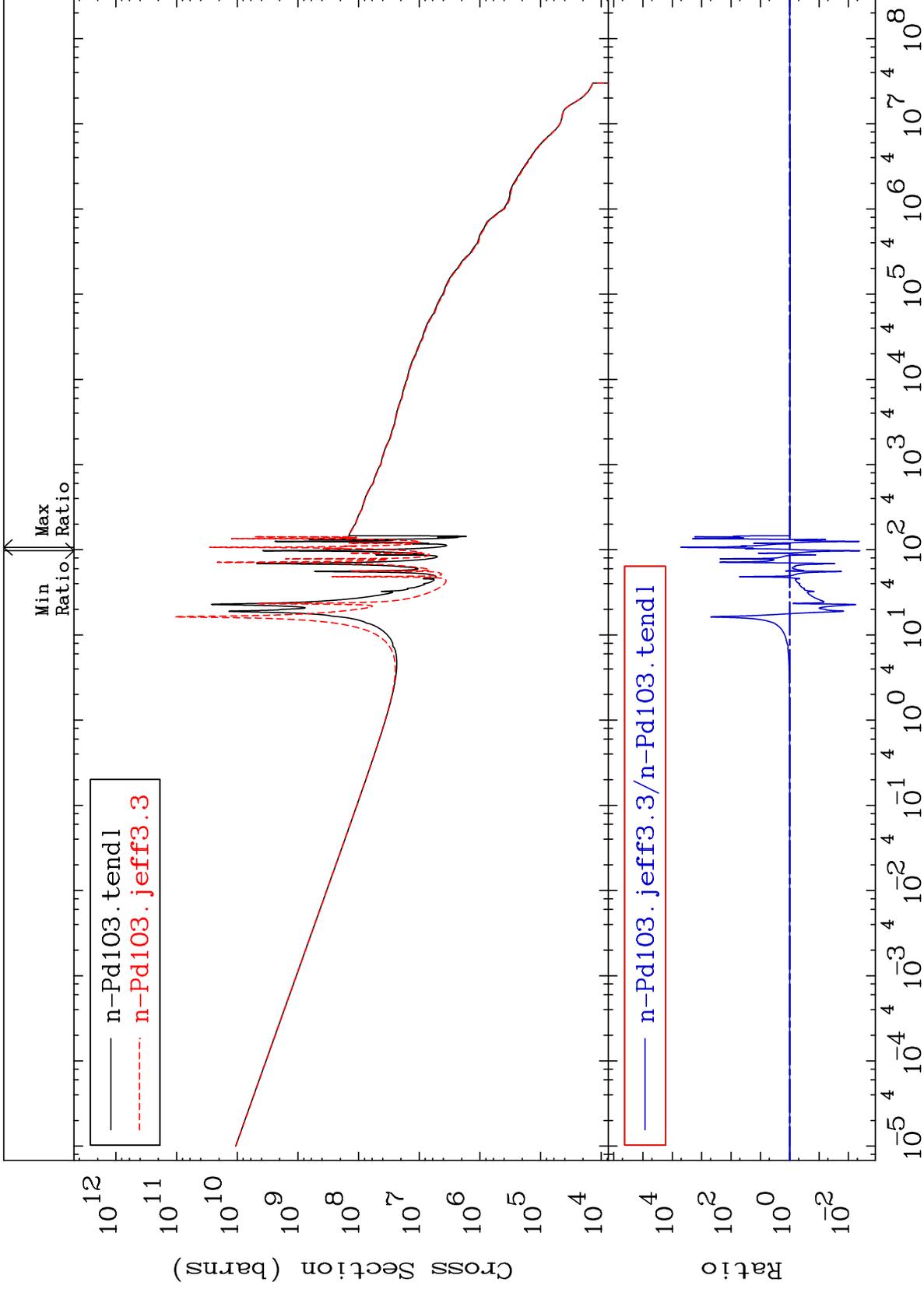
46-Pd-103
-0.049 To 0.193 %

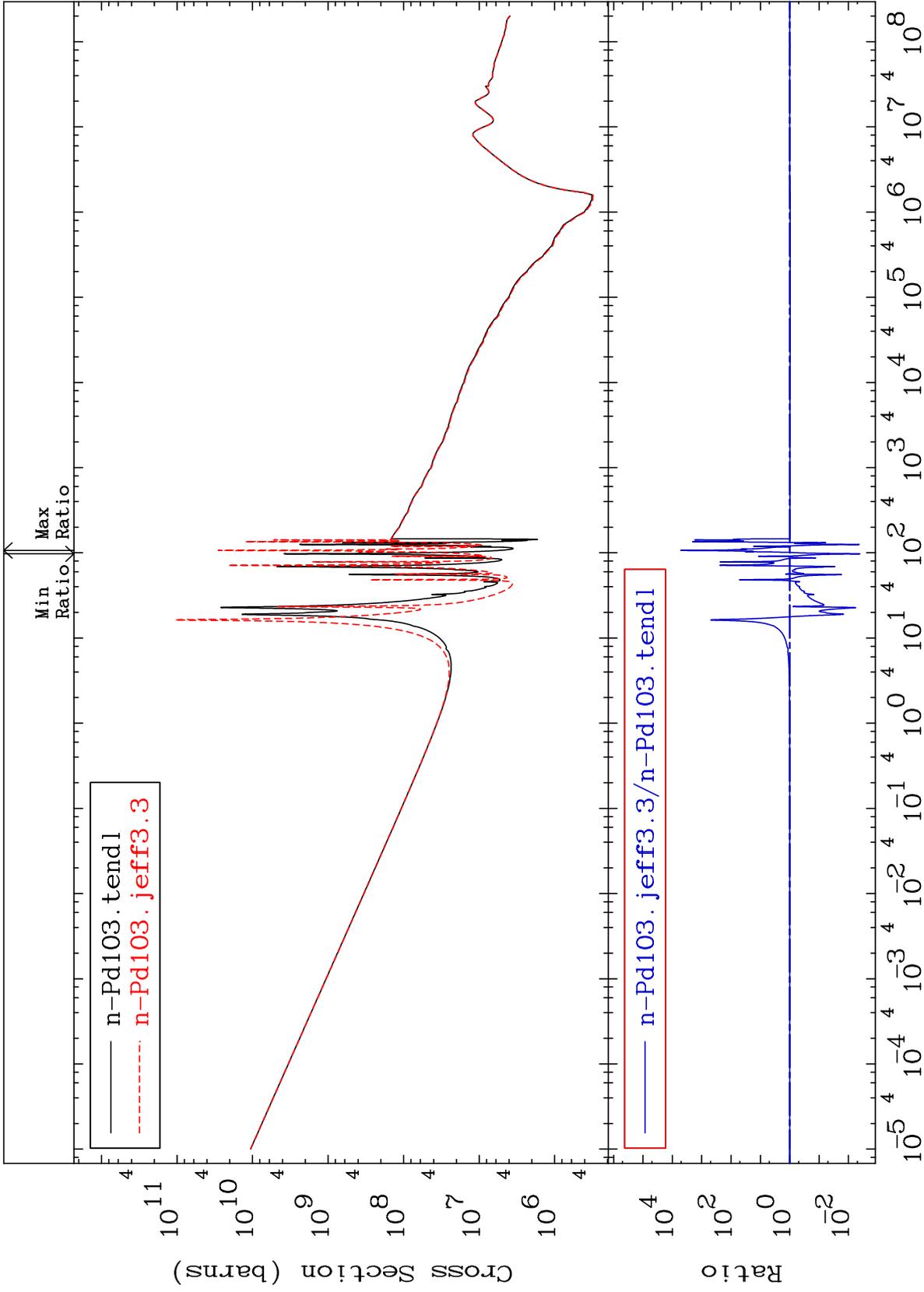


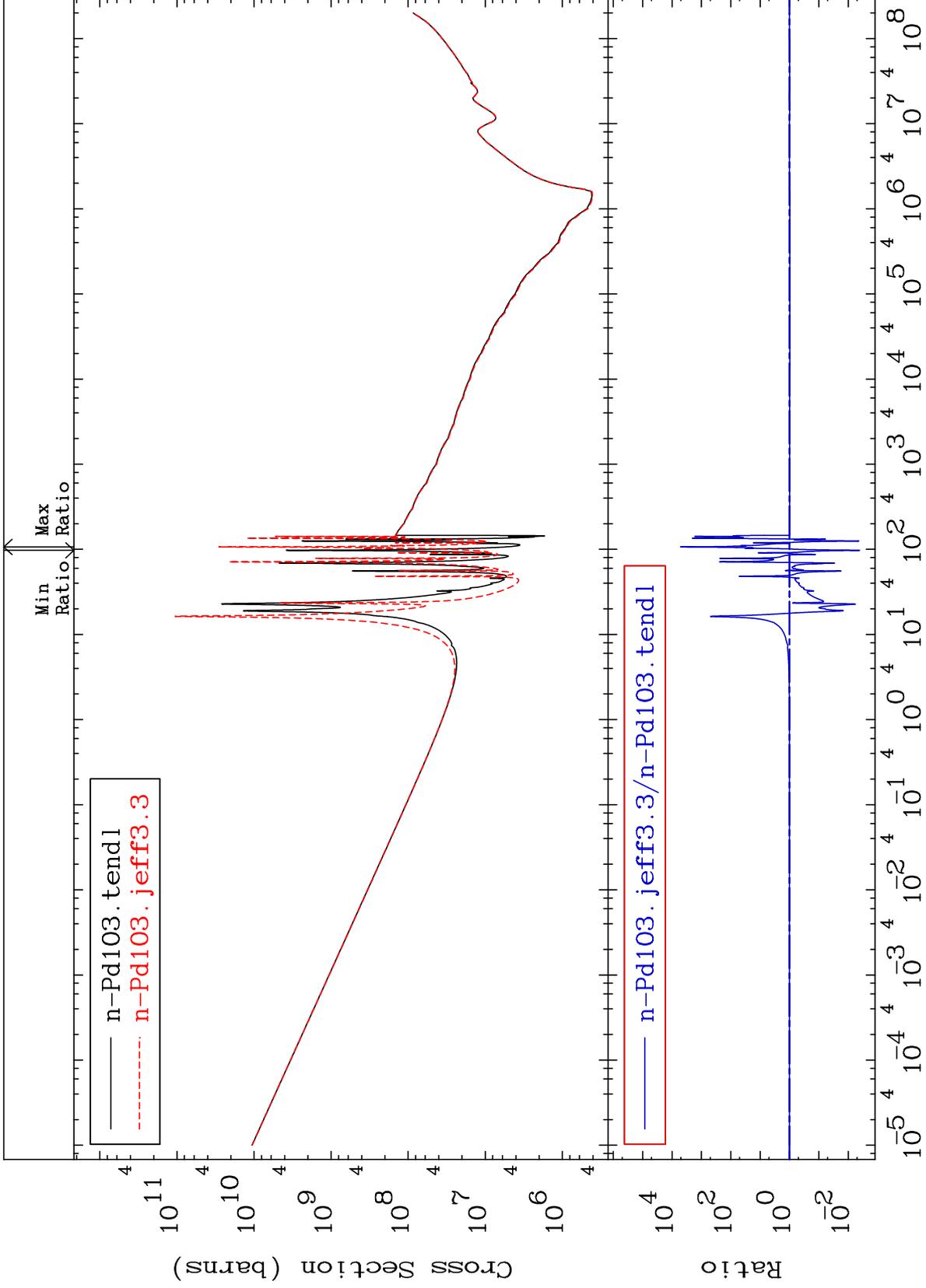
73

Incident Energy (eV)

46-Pd-103







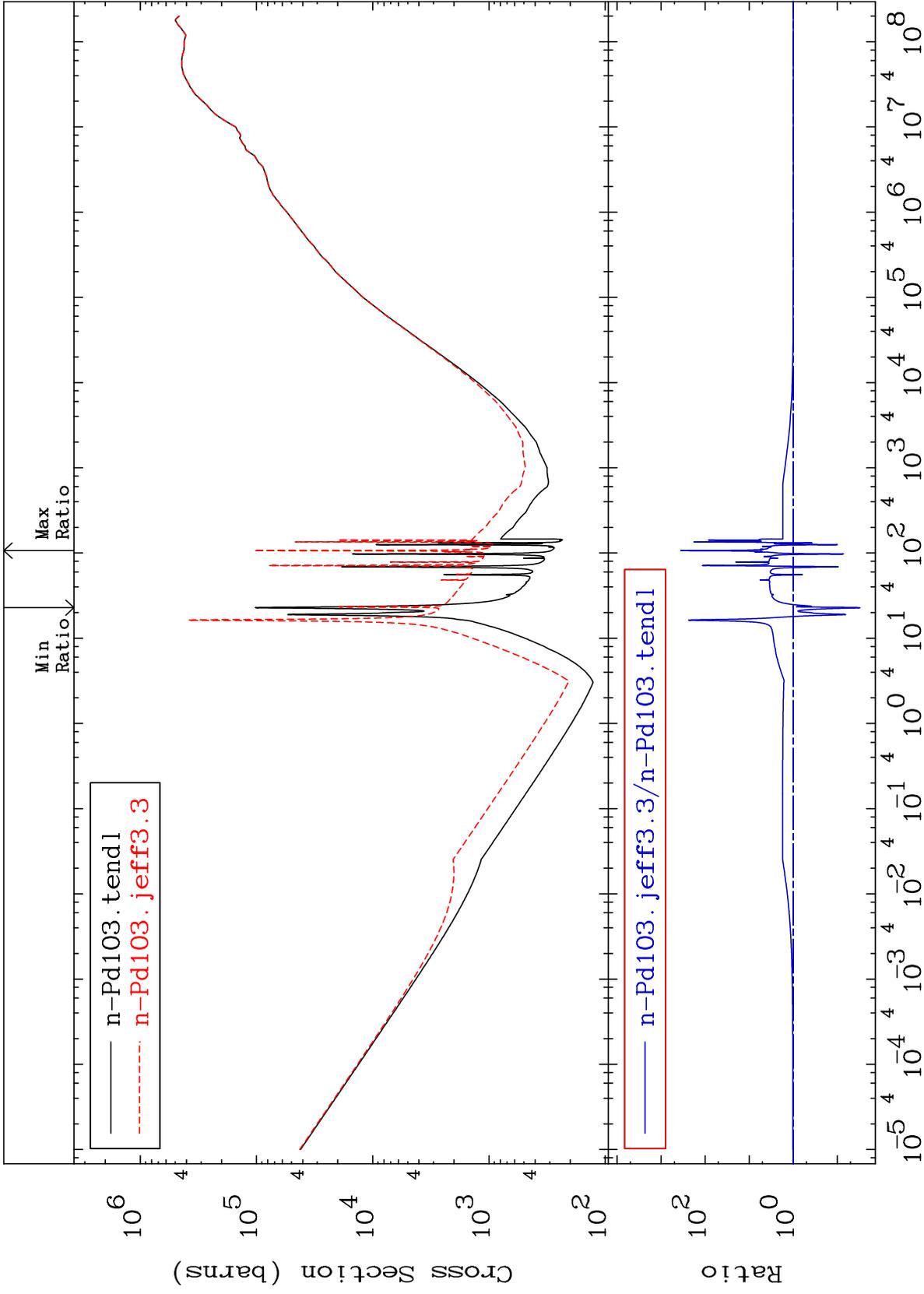
MAT 4628

Dpa total (eV-barns)

46-Pd-103

-96.97 To 9999. %

Cross Section



77

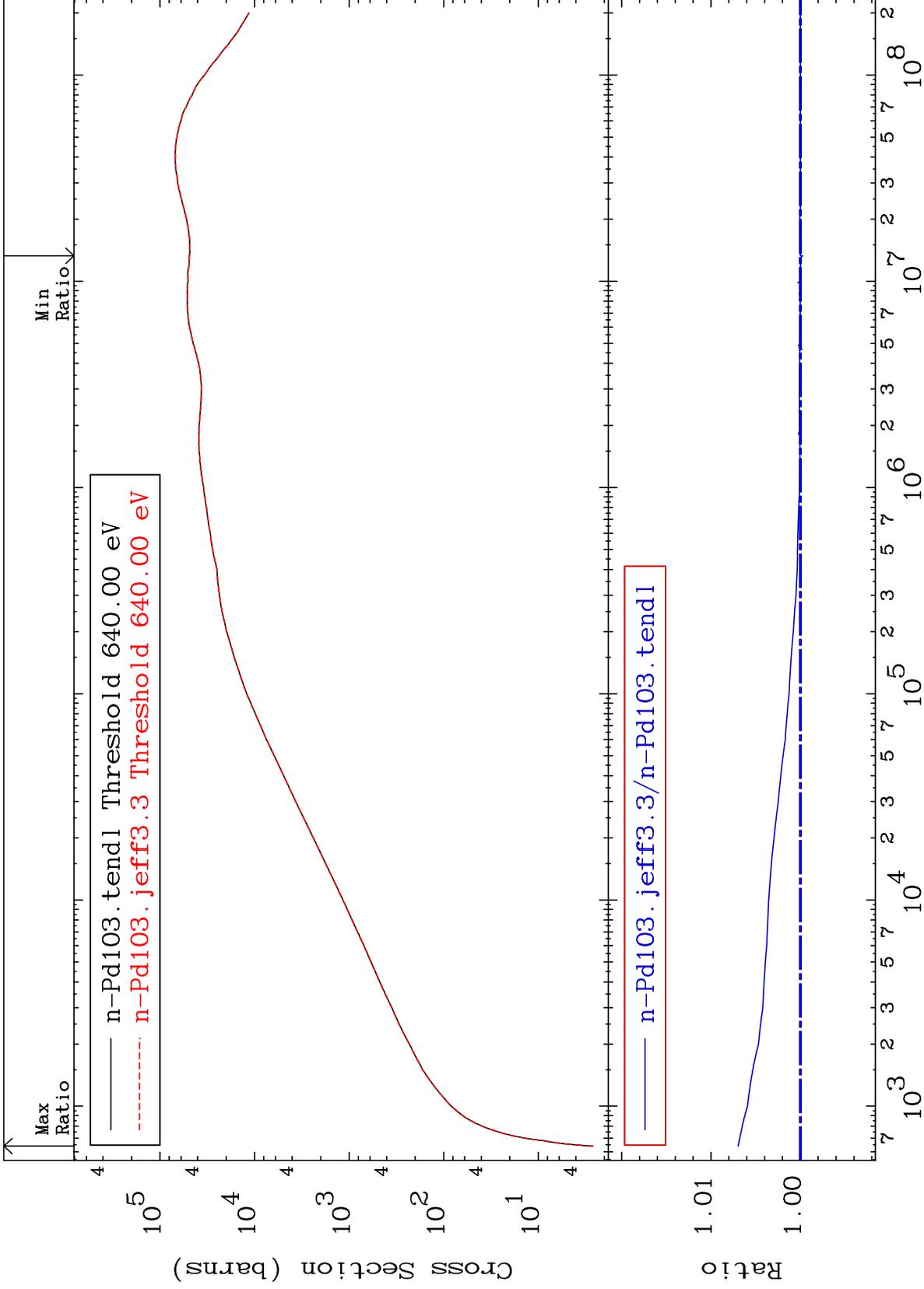
Incident Energy (eV)

46-Pd-103

MAT 4628

Dpa elastic (mt2)
Cross Section

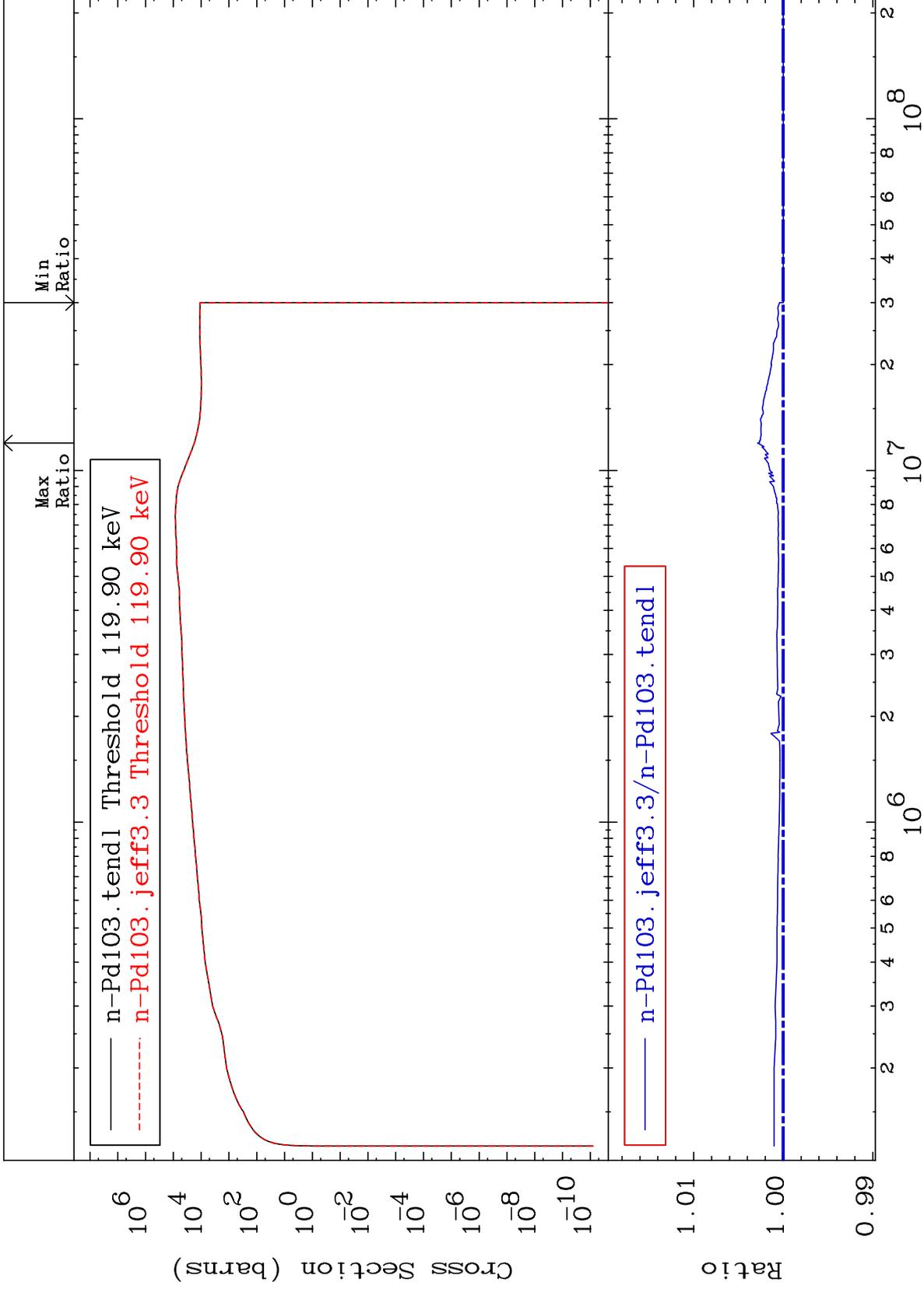
46-Pd-103
-0.026 To 0.695 %



78

Incident Energy (eV)

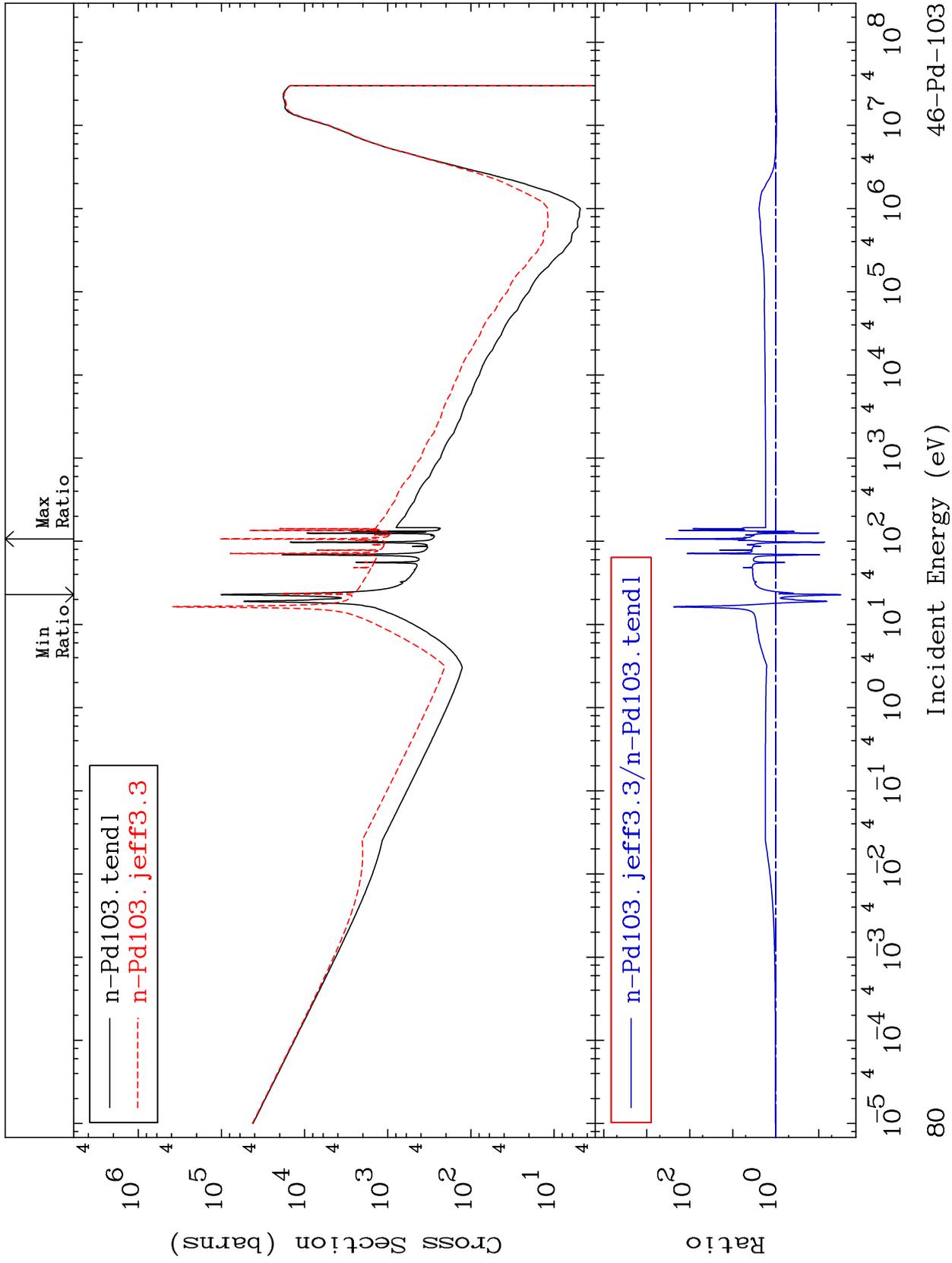
46-Pd-103



MAT 4628

Dpa disappearance (mt102 -120)

46-Pd-103
-96.97 To 9999. %

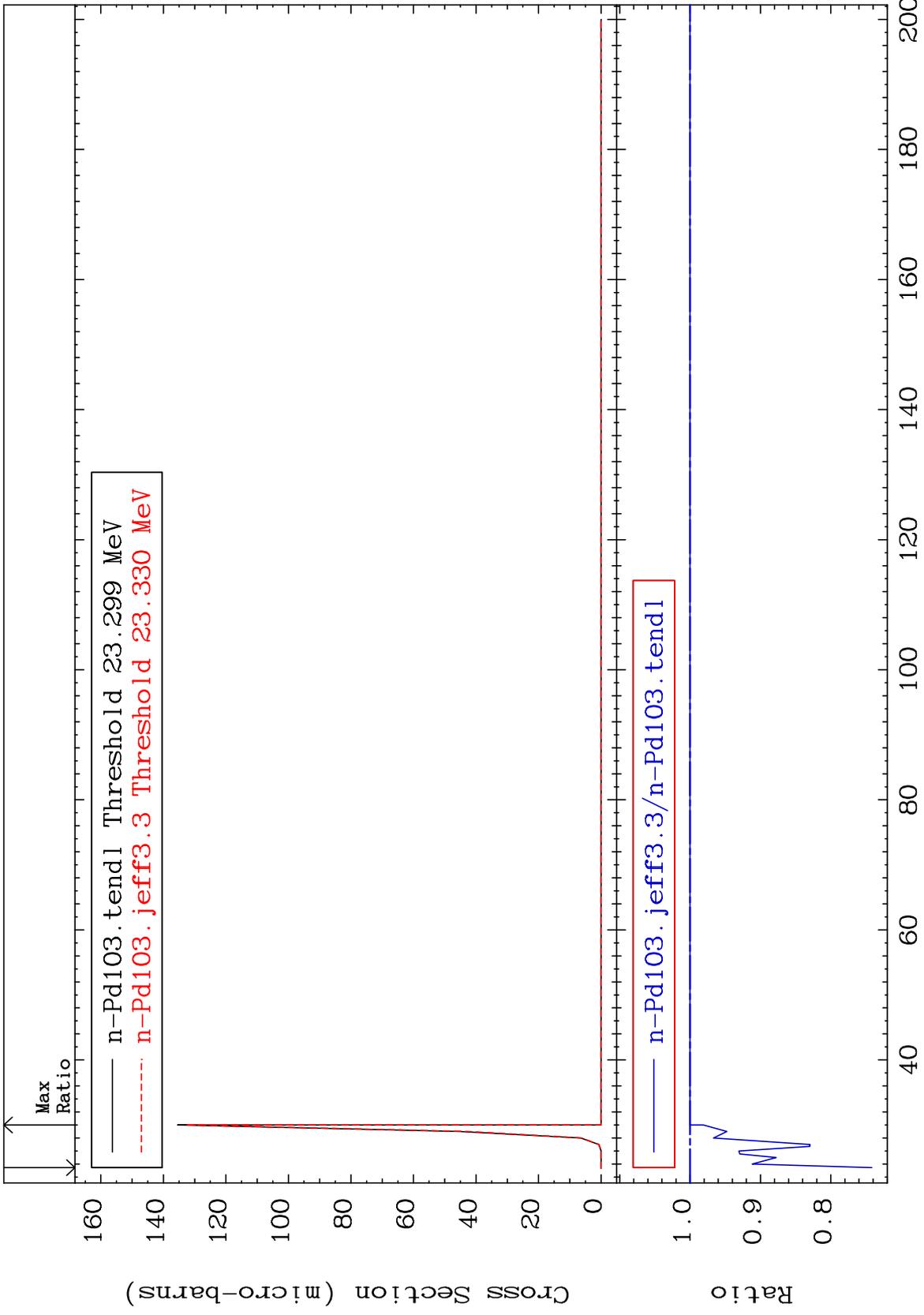


MAT 4628

(n,2n) d:45-Rh-100g

46-Pd-103

Radionuclide Production Cross Section -25.83 To 0.000 %

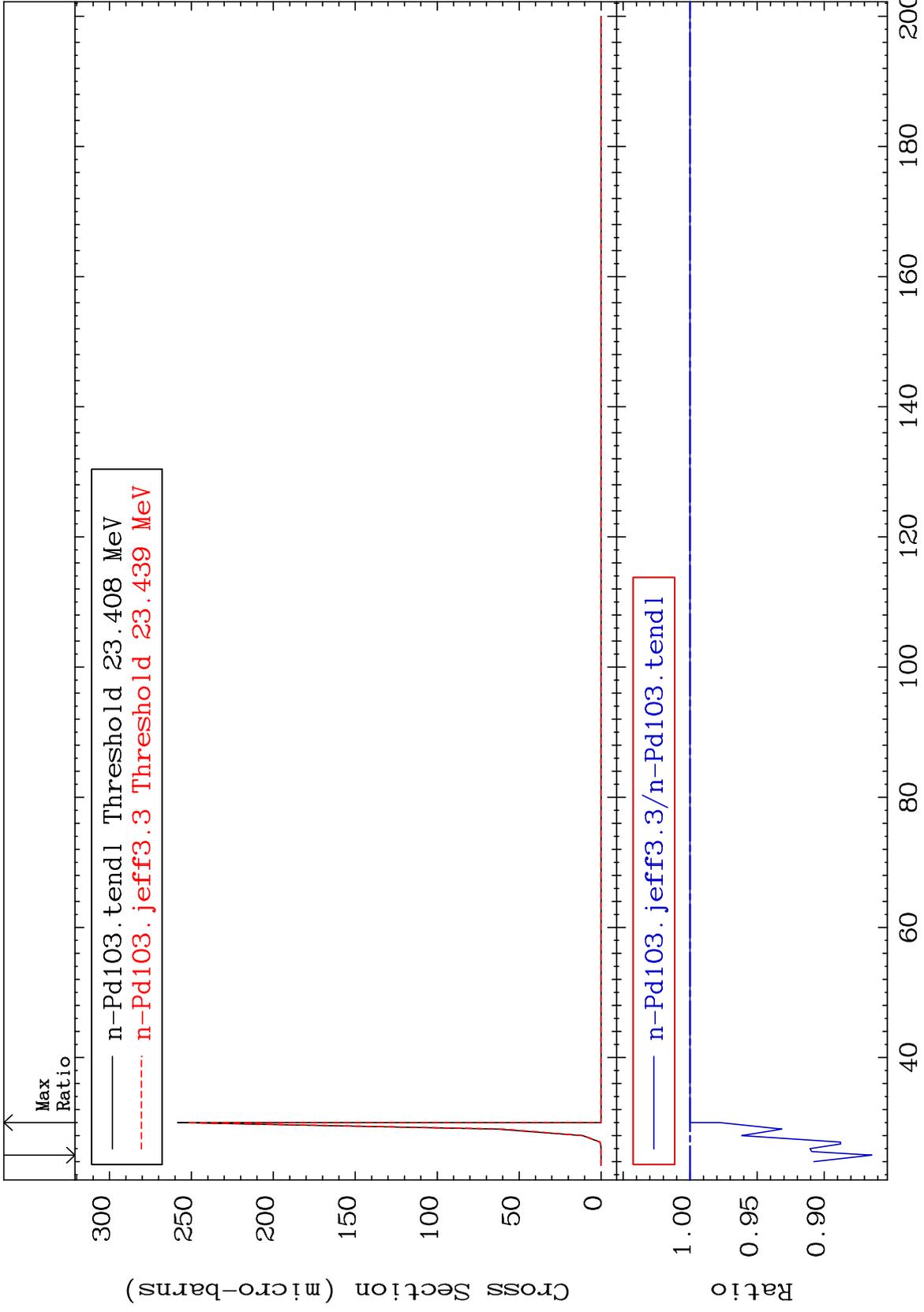


MAT 4628

(n,2n) d:45-Rh-100m4

46-Pd-103

Radionuclide Production Cross Section -13.56 To 0.000 %

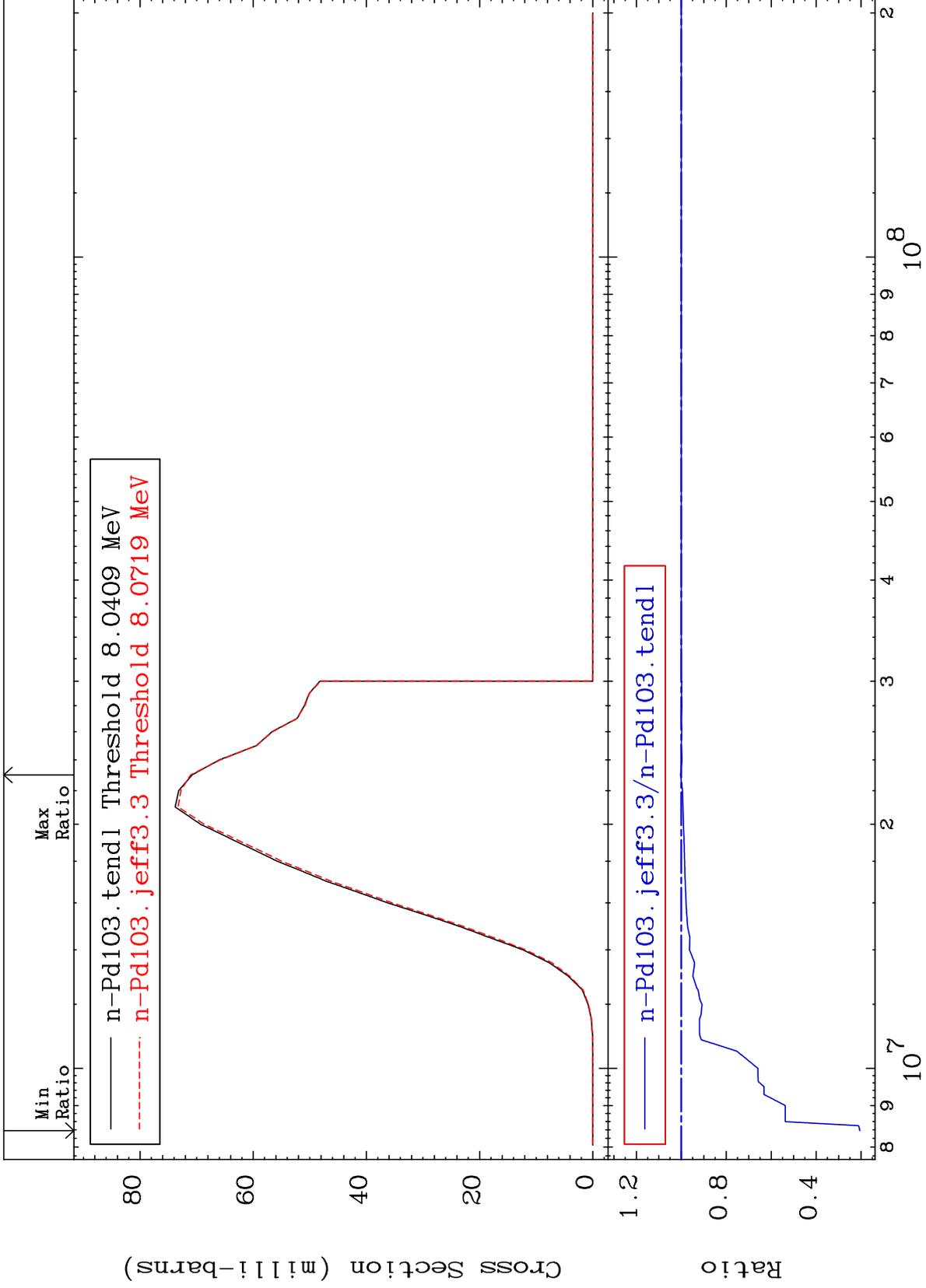


MAT 4628

(n, n') p: 45-Rh-102g

46-Pd-103

Radionuclide Production Cross Section -79.40 To 0.359 %



83

Incident Energy (eV)

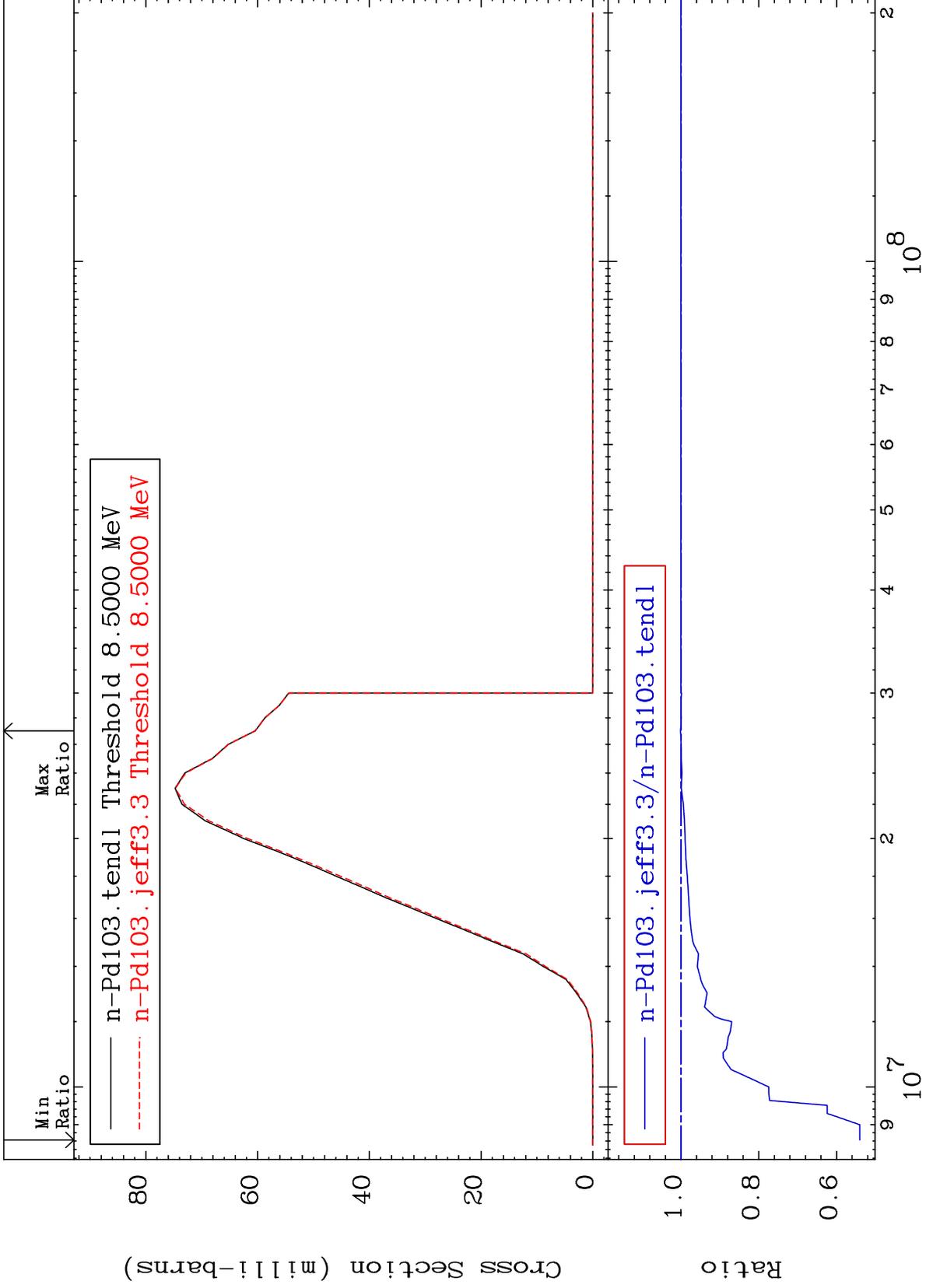
46-Pd-103

MAT 4628

(n, n') p: 45-Rh-102m5

46-Pd-103

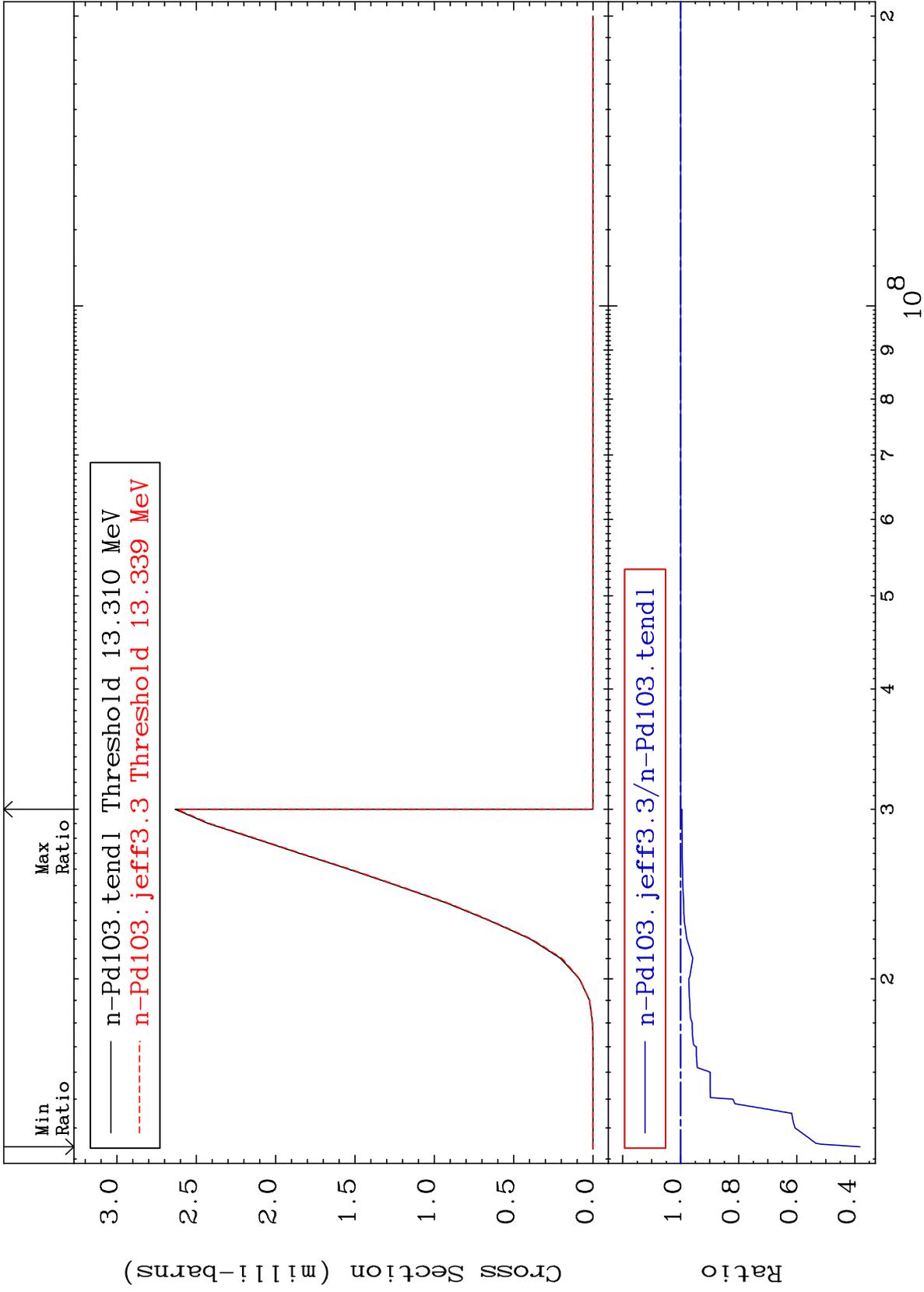
Radionuclide Production Cross Section -45.97 To 0.107 %



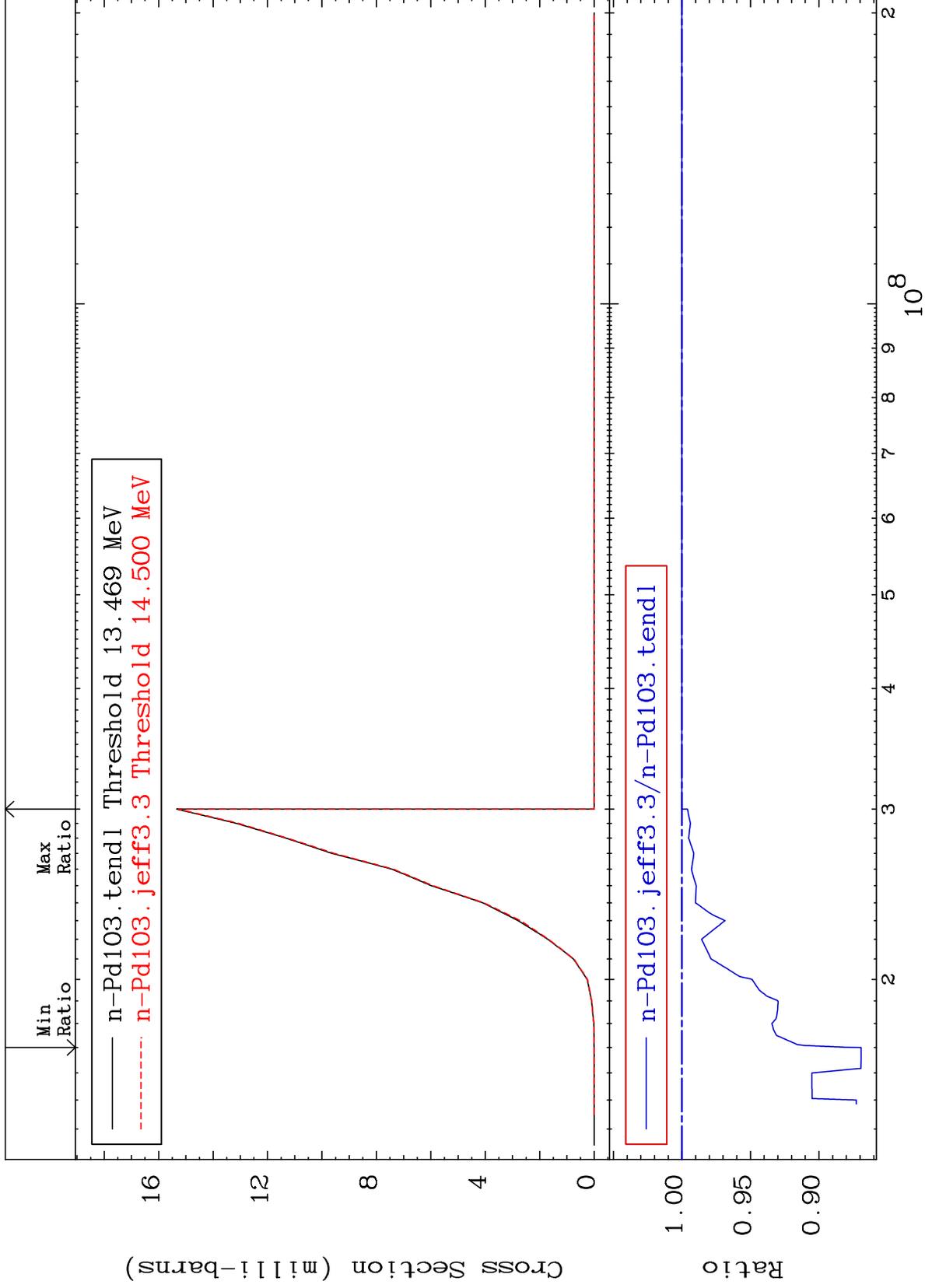
84

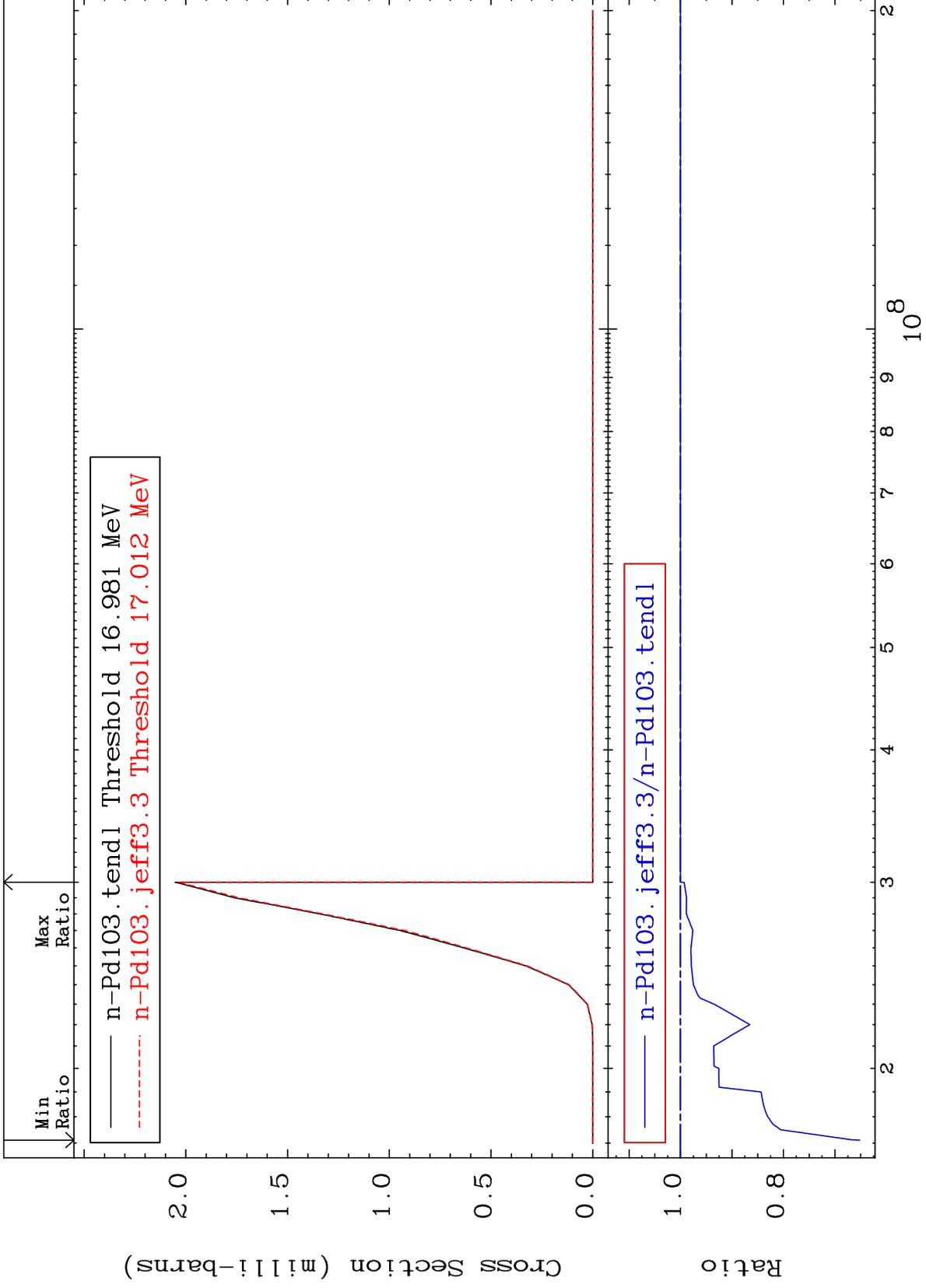
Incident Energy (eV)

46-Pd-103

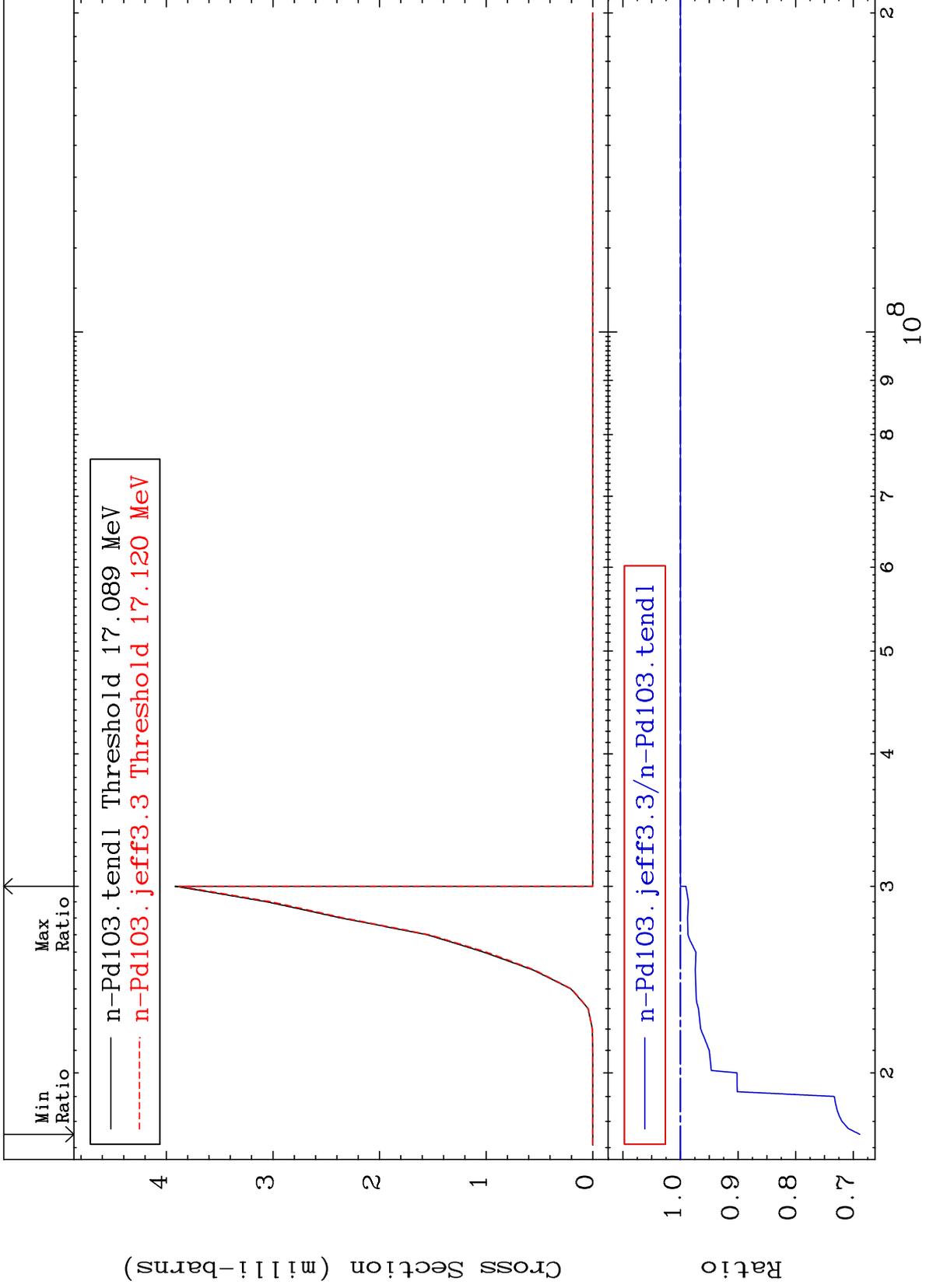


Radionuclide Production Cross Section -13.08 To 0.000 %

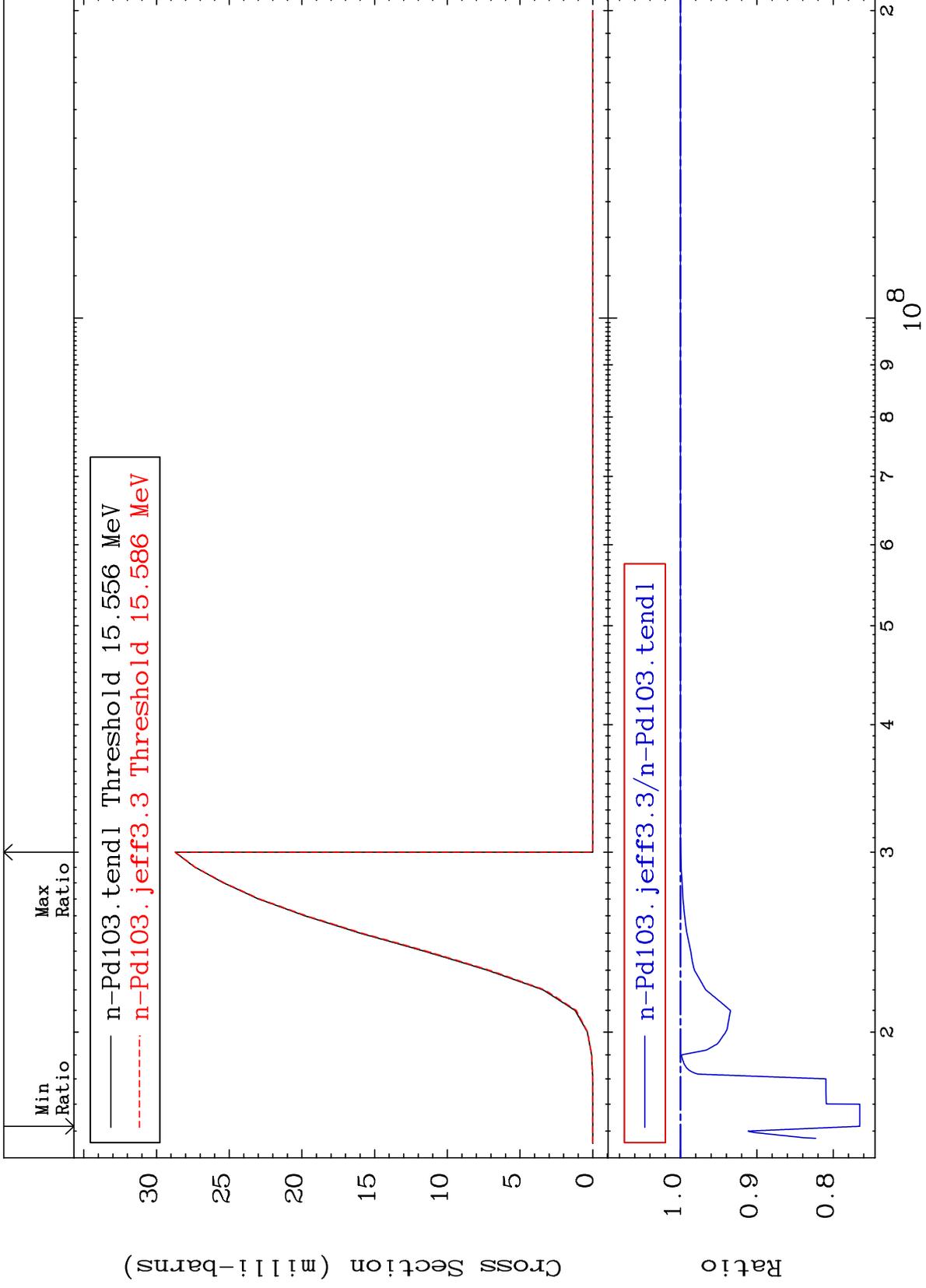




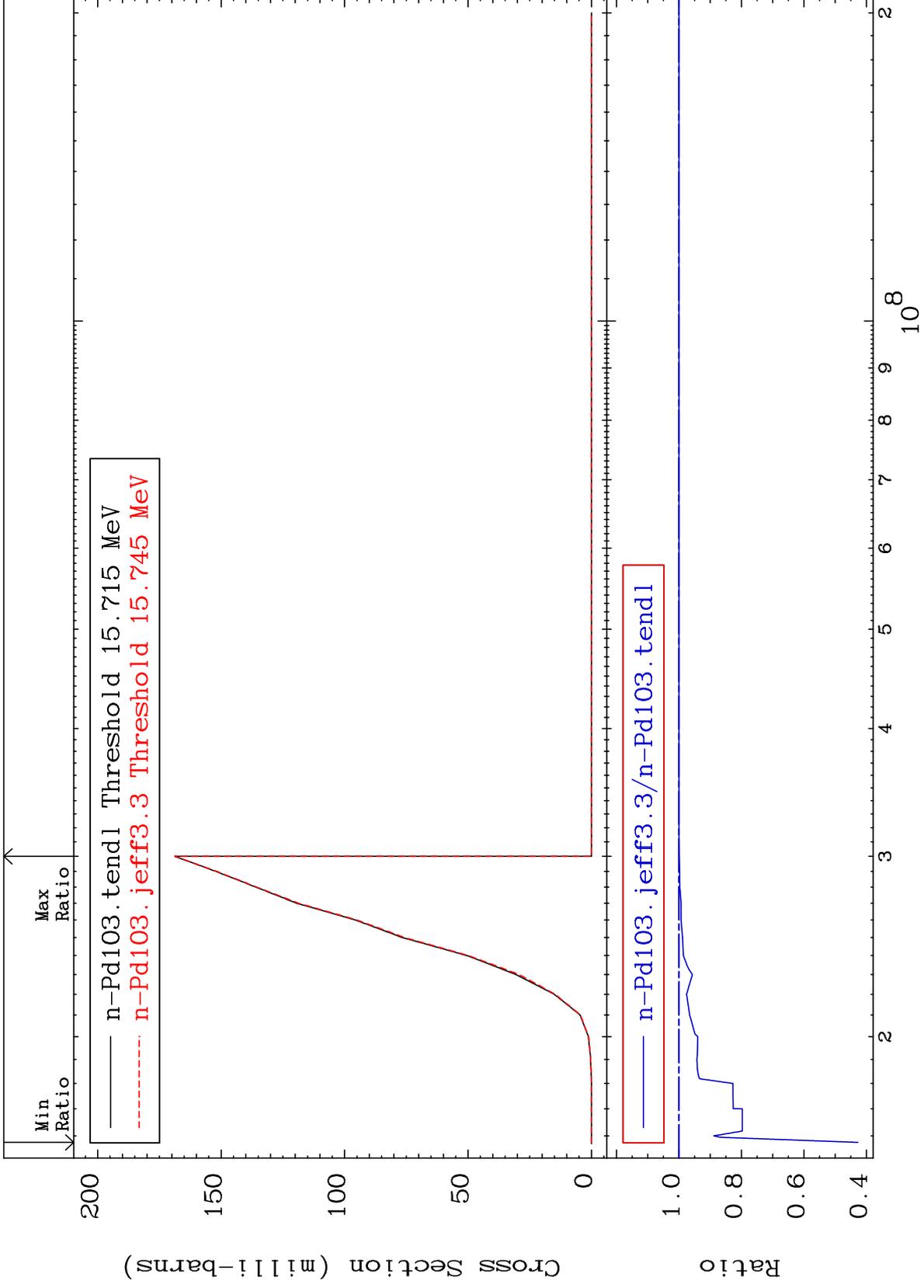
Radionuclide Production Cross Section -31.14 To 0.000 %



Radionuclide Production Cross Section -23.48 To 0.000 %



Radionuclide Production Cross Section -57.27 To 0.000 %

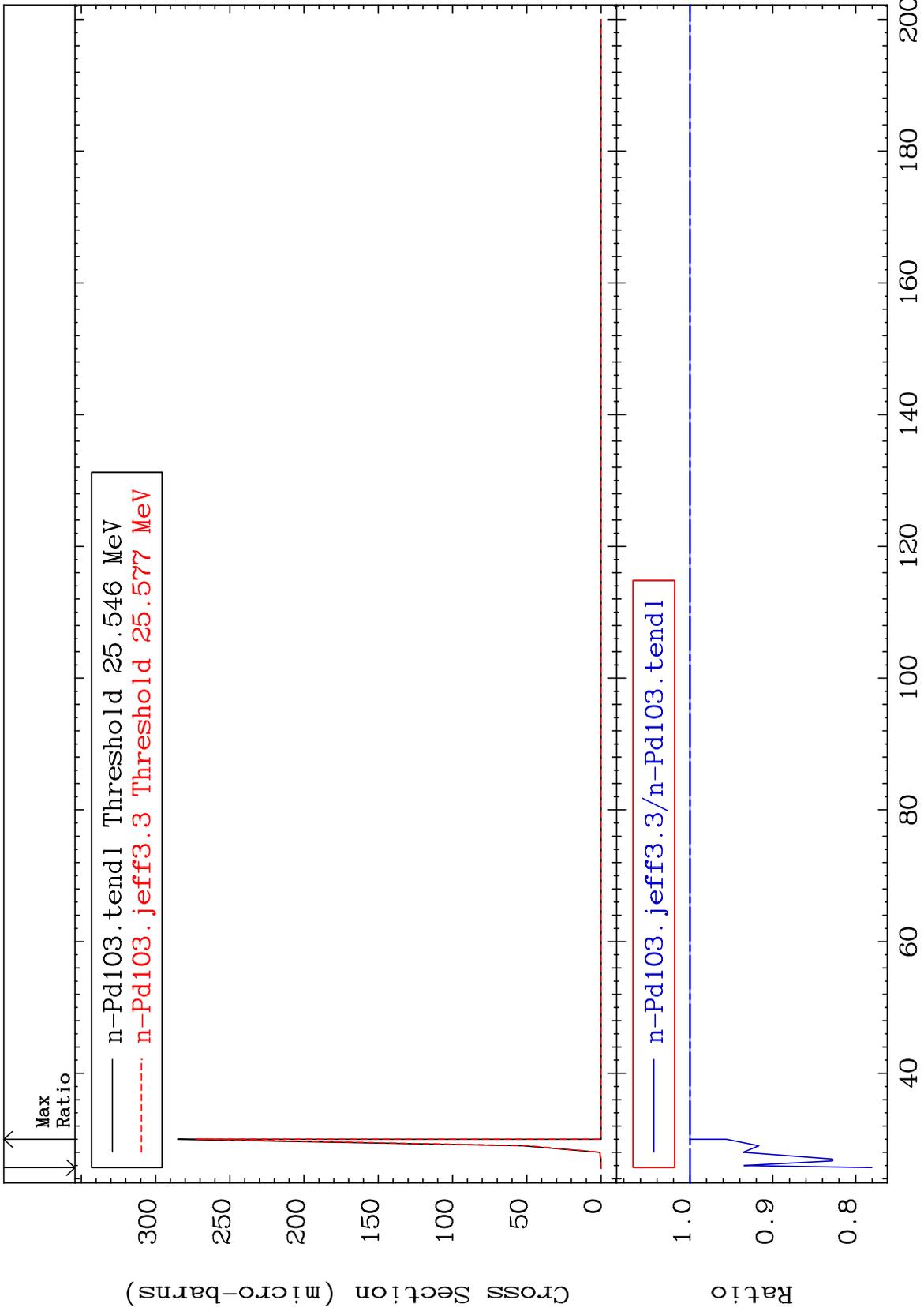


MAT 4628

(n,3n) p:45-Rh-100g

46-Pd-103

Radionuclide Production Cross Section -21.95 To 0.000 %

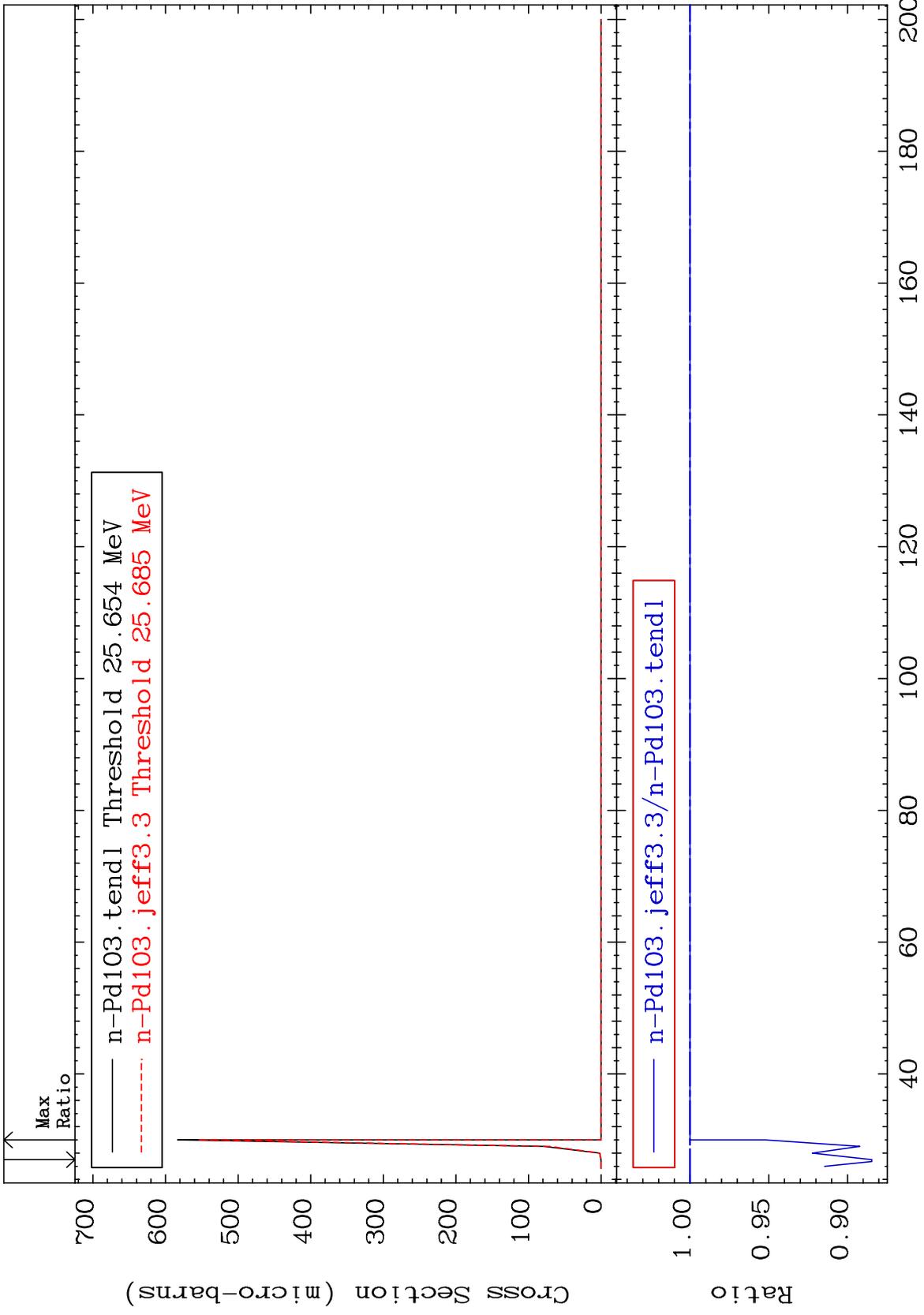


MAT 4628

(n,3n) p:45-Rh-100m4

46-Pd-103

Radionuclide Production Cross Section -11.55 To 0.000 %



92

Incident Energy (MeV)

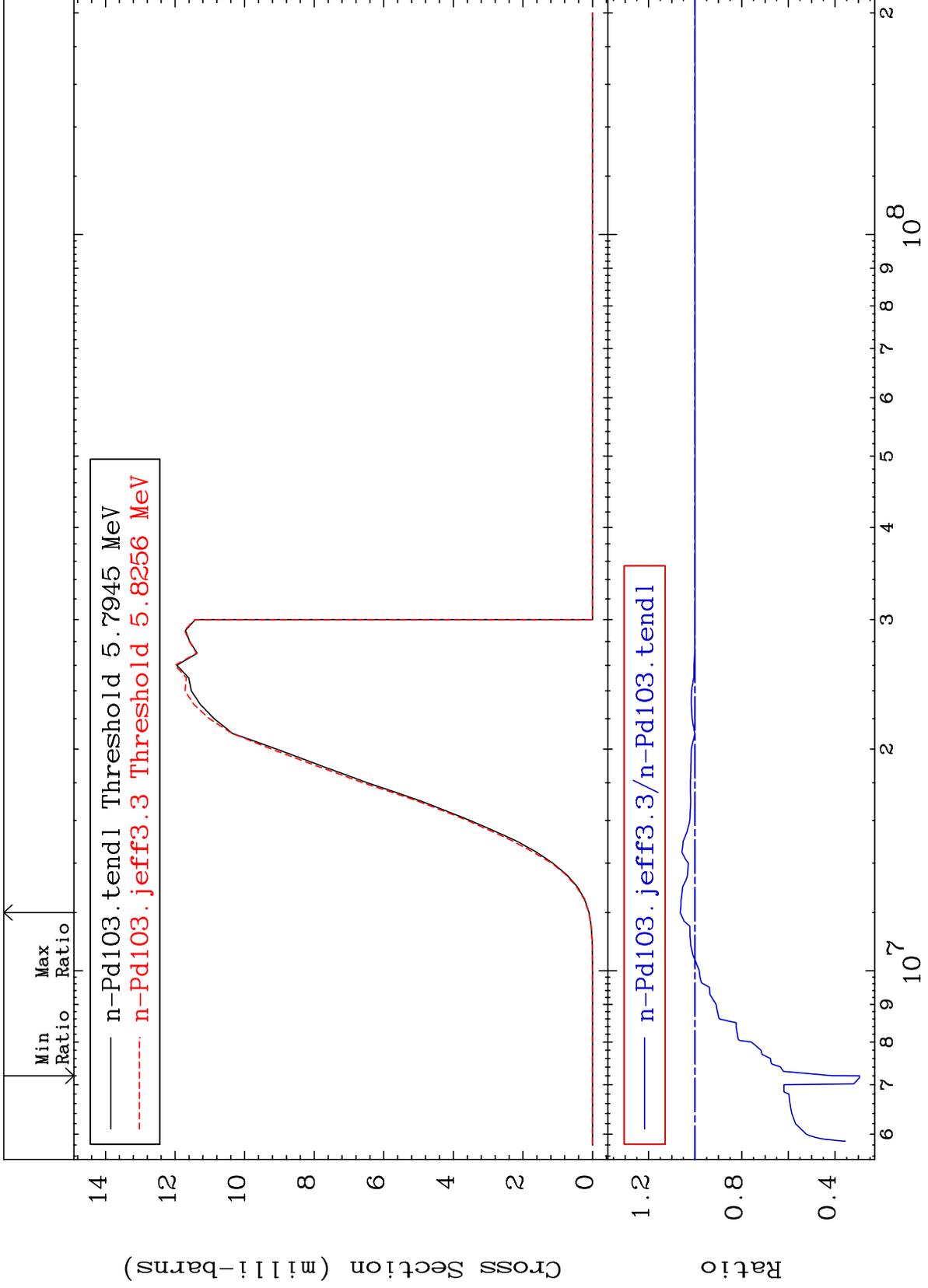
46-Pd-103

MAT 4628

(n, d) : 45-Rh-102g

46-Pd-103

Radionuclide Production Cross Section -70.48 To 6.361 %

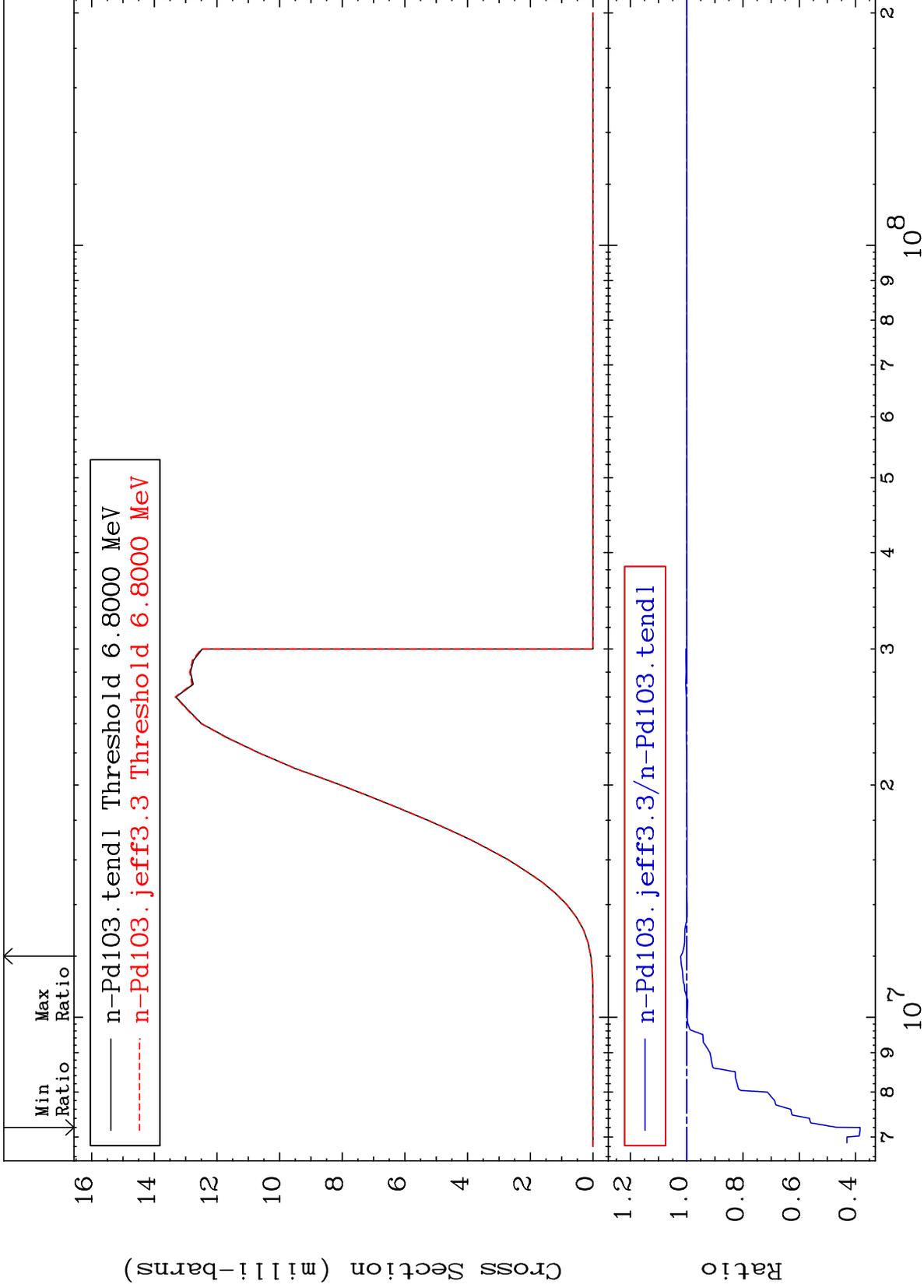


93

Incident Energy (eV)

46-Pd-103

Radionuclide Production Cross Section -61.63 To 2.129 %

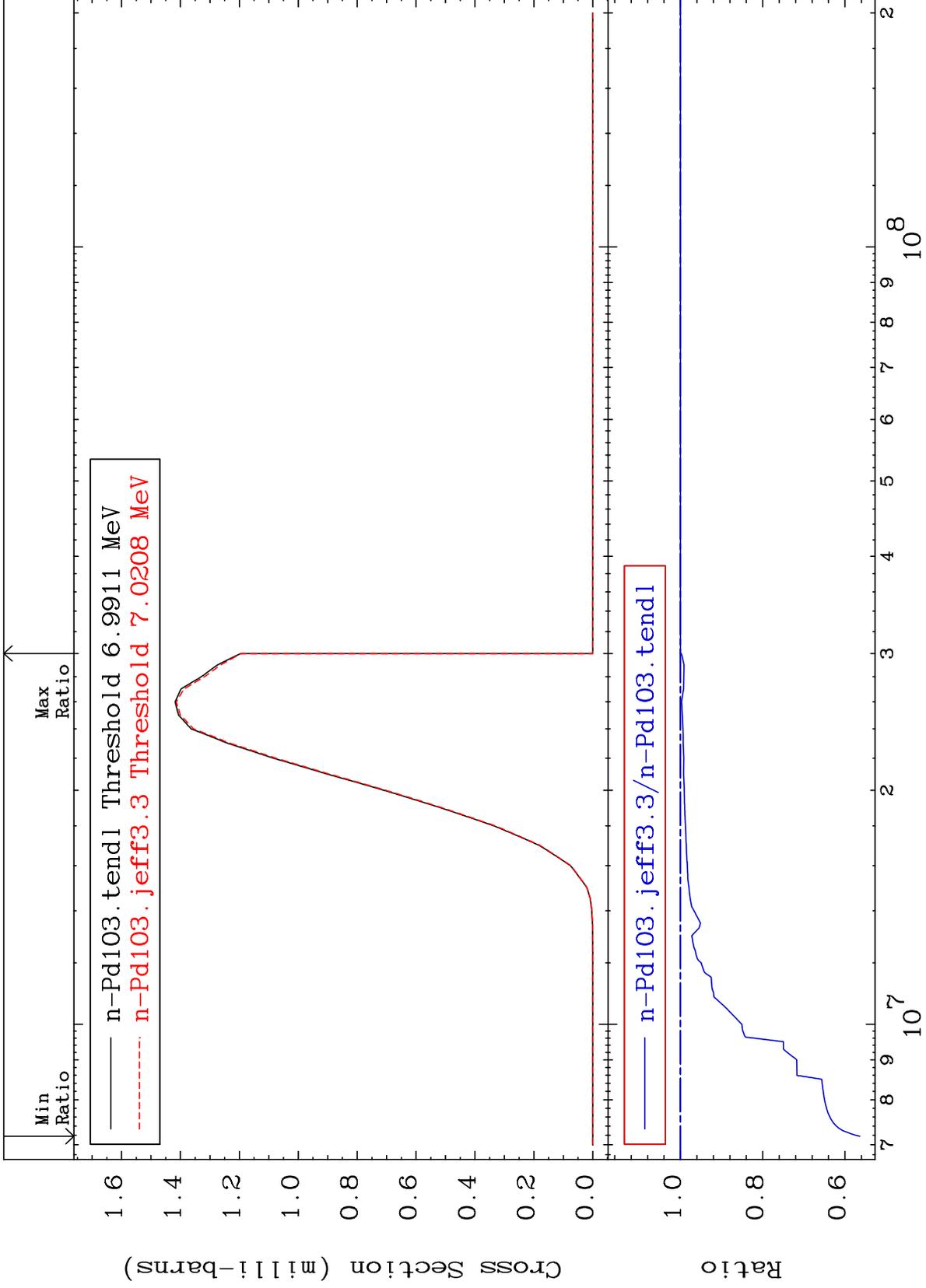


MAT 4628

(n, t) : 45-Rh-101g

46-Pd-103

Radionuclide Production Cross Section -43.60 To 0.000 %



95

46-Pd-103

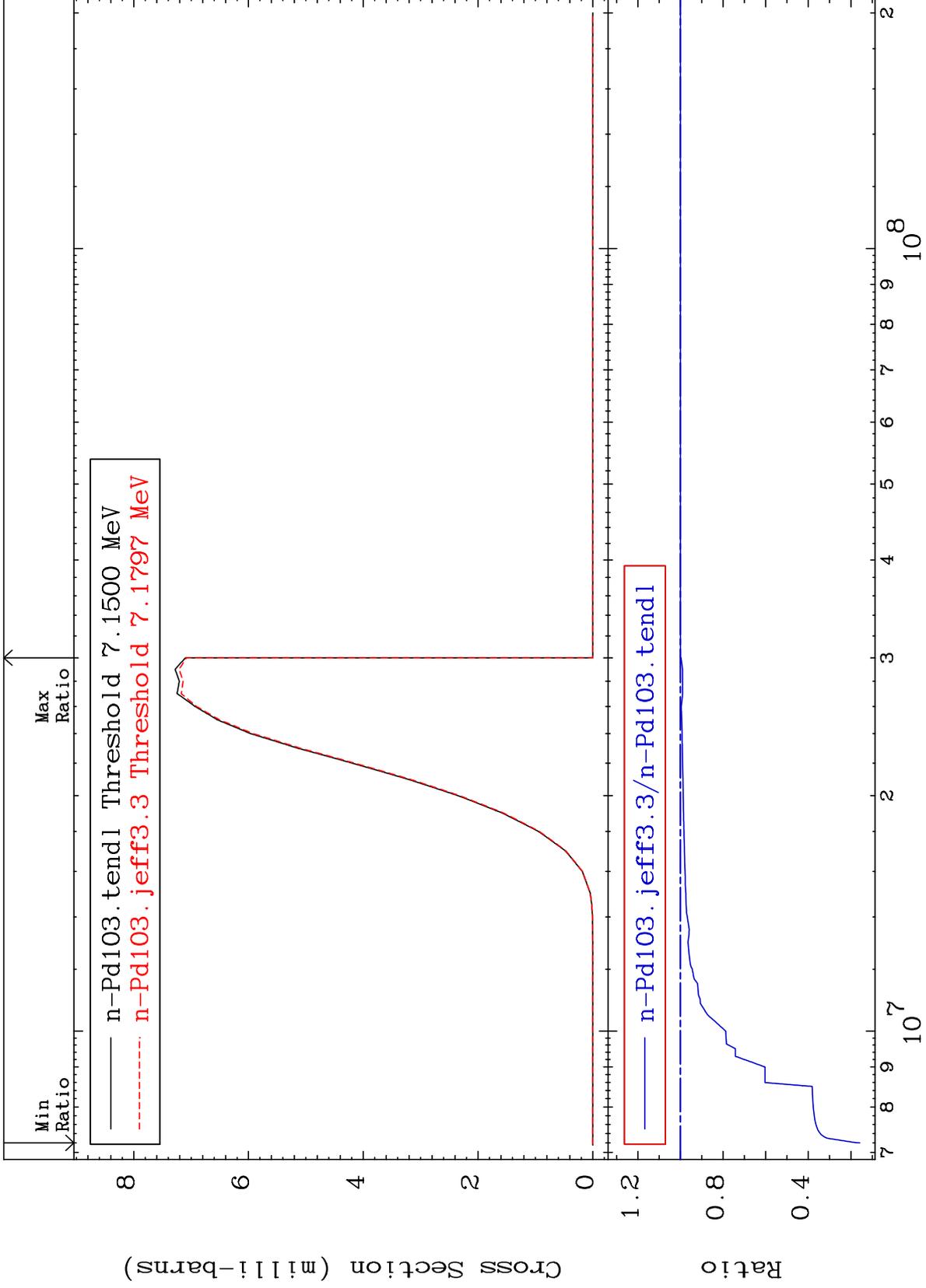
46-Pd-103

MAT 4628

(n, t) : 45-Rh-101m1

46-Pd-103

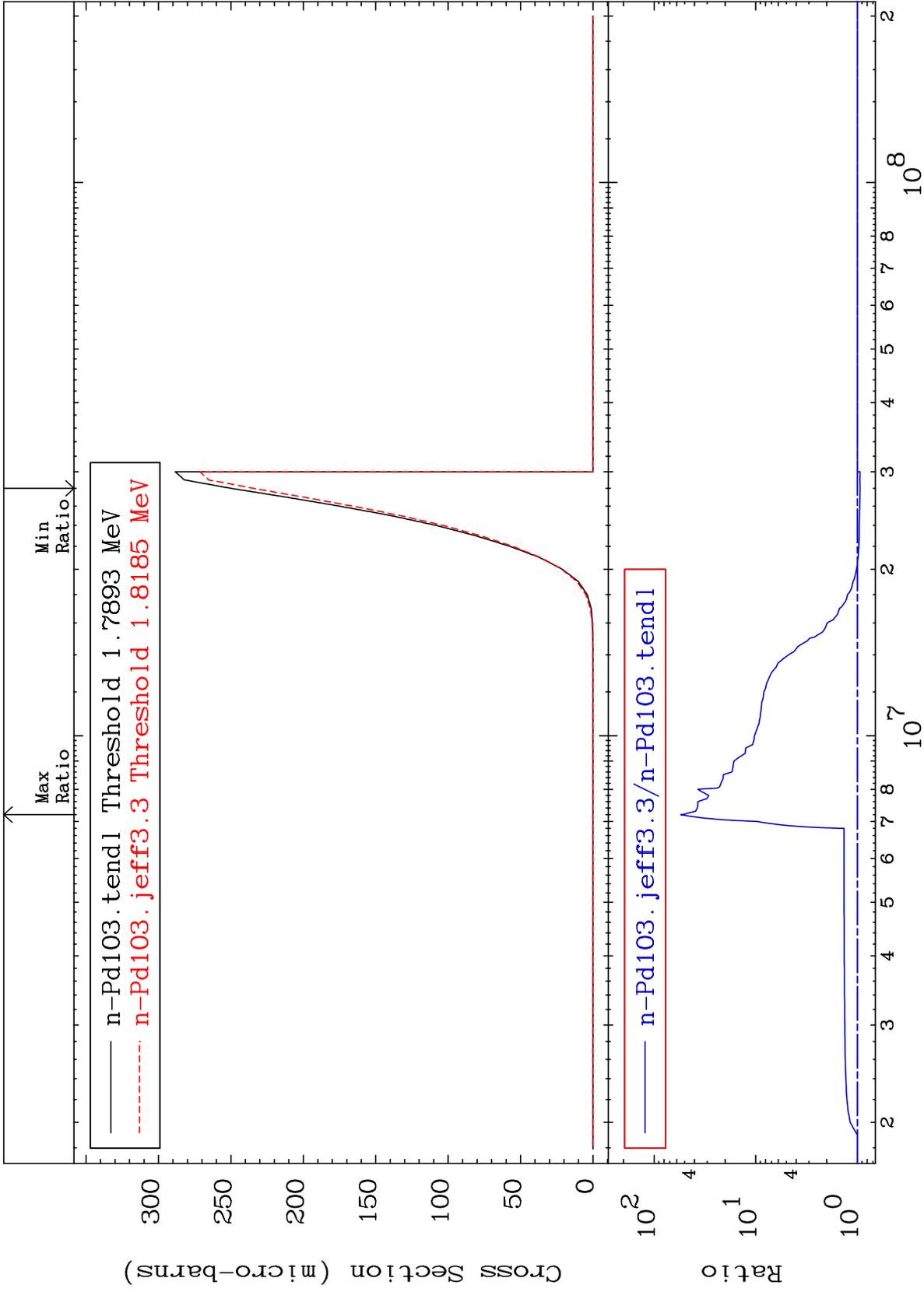
Radionuclide Production Cross Section -84.17 To 0.000 %



96

Incident Energy (eV)

46-Pd-103



Radionuclide Production Cross Section -6.079 To 6214. %

