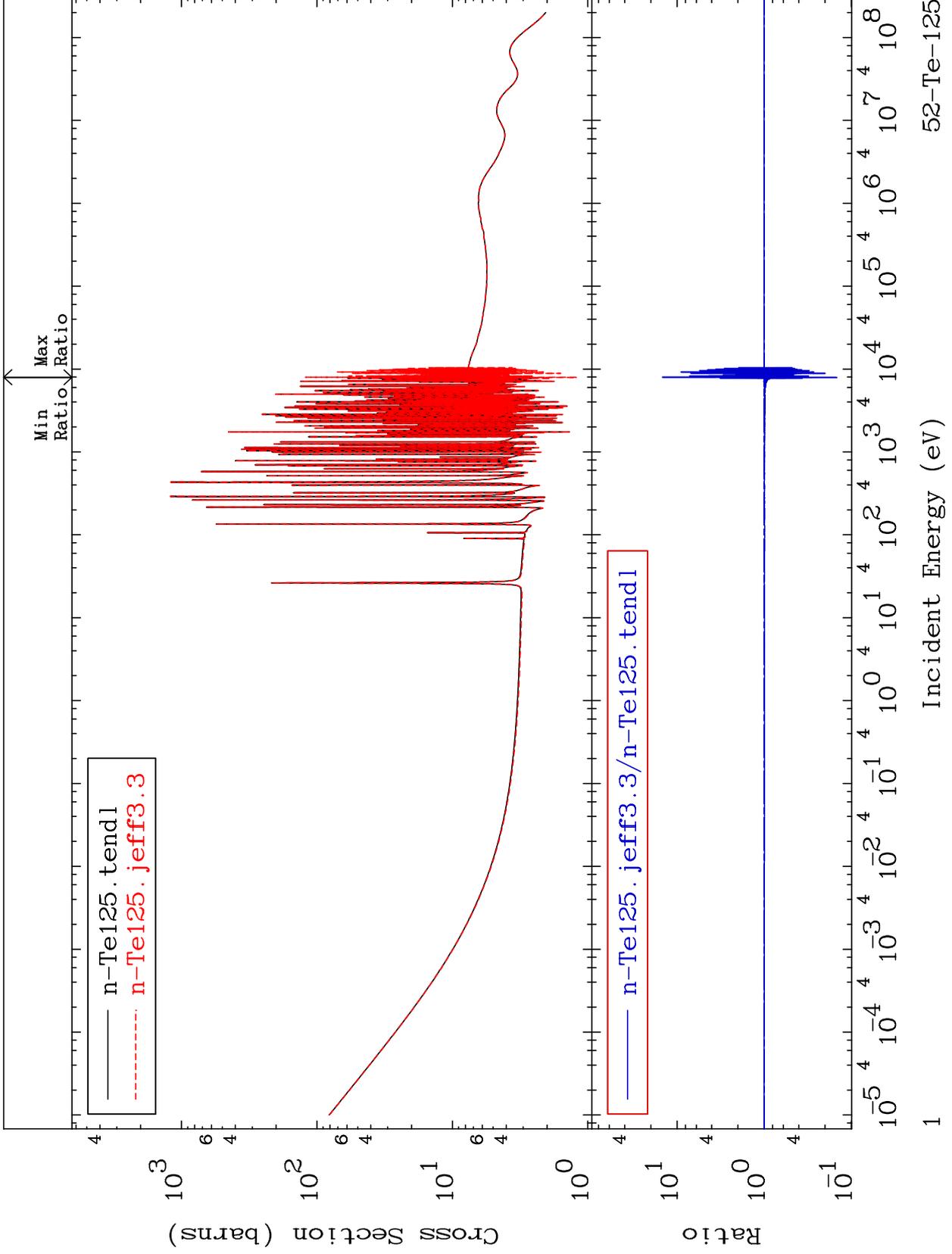


MAT 5240

Total
Cross Section

52-Te-125
-85.39 To 1375. %



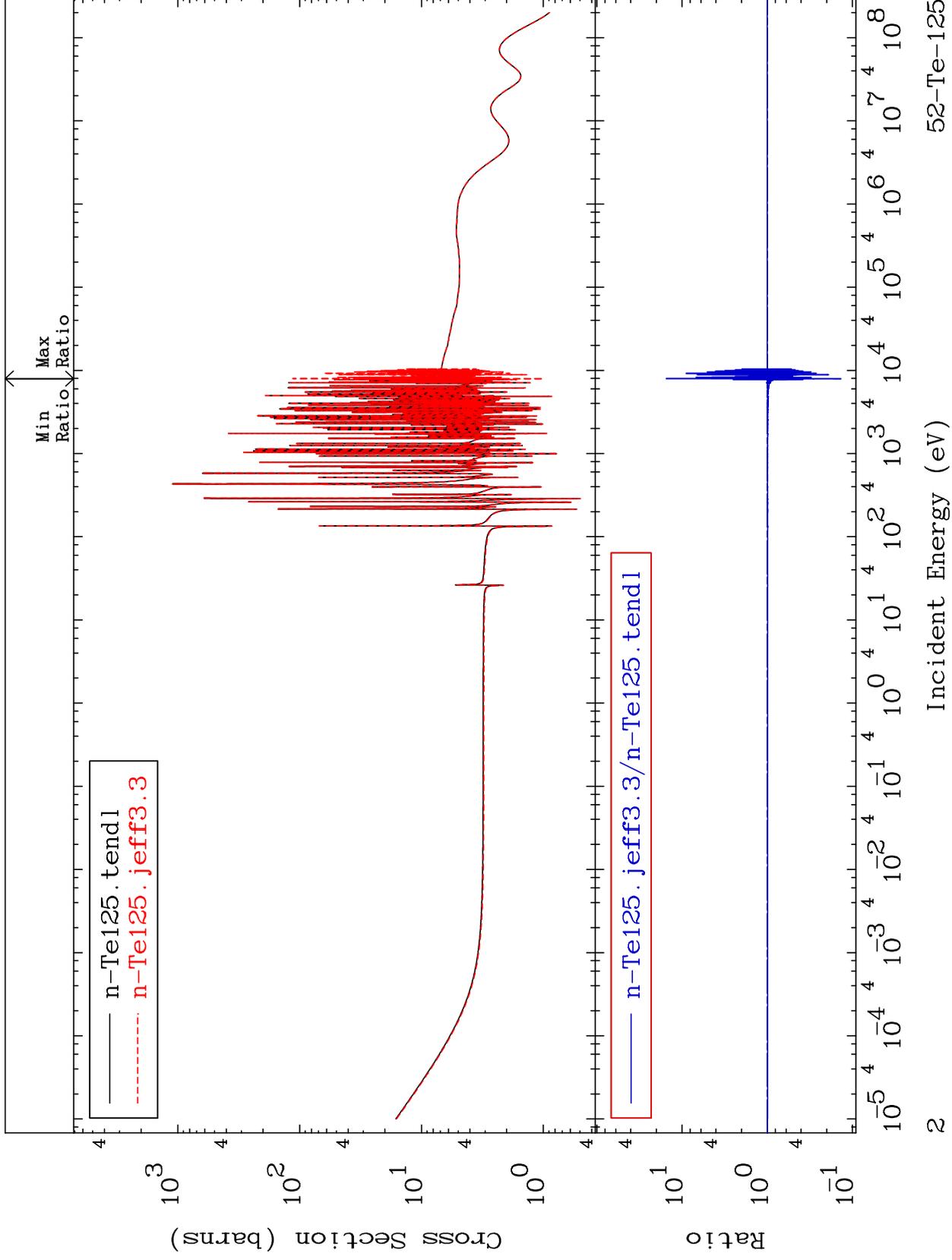
Incident Energy (eV)

52-Te-125

MAT 5240

Elastic
Cross Section

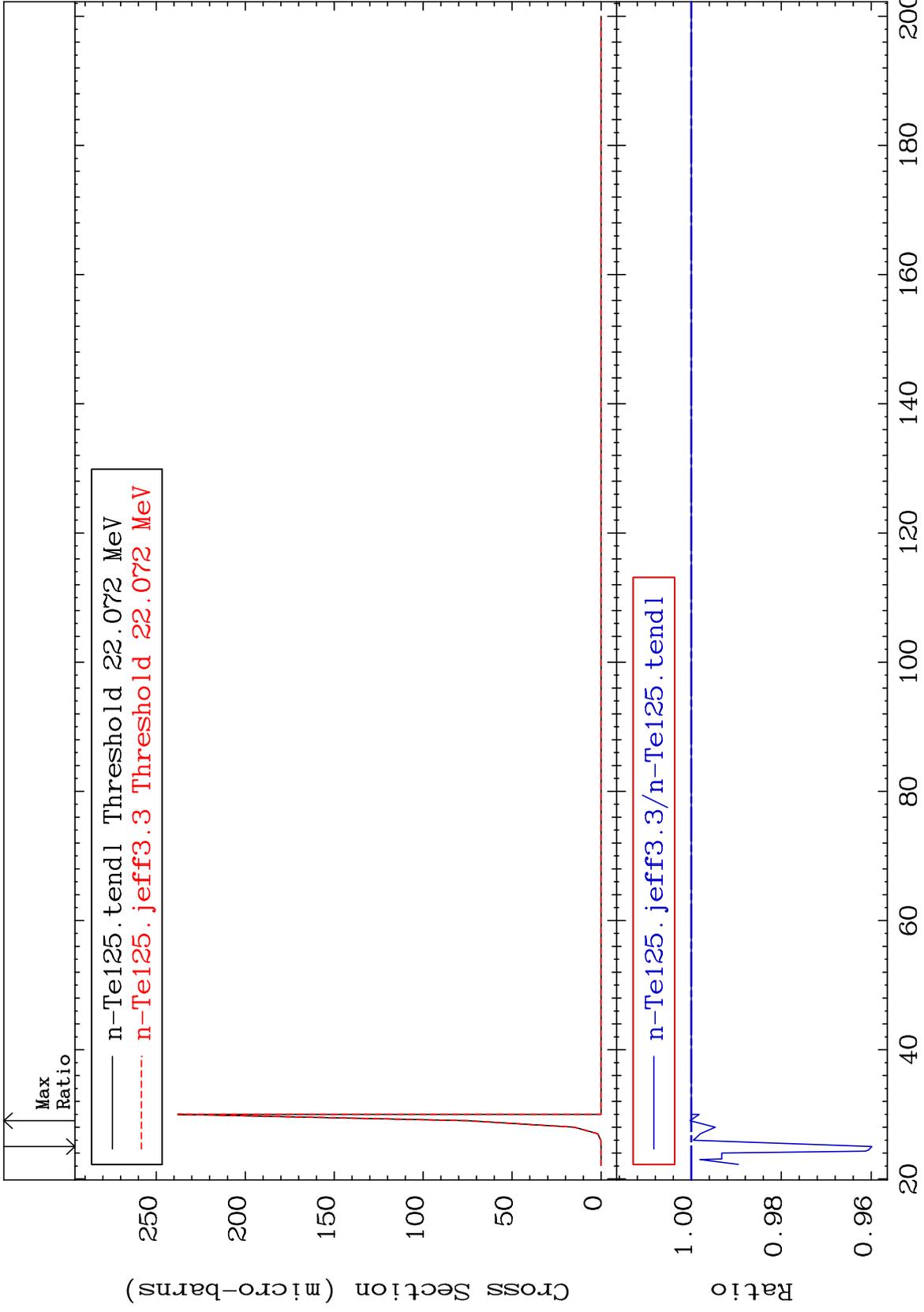
52-Te-125
-86.40 To 1442. %



MAT 5240

(n,2n) d
Cross Section

52-Te-125
-4.014 To 0.028 %



Incident Energy (MeV)

52-Te-125

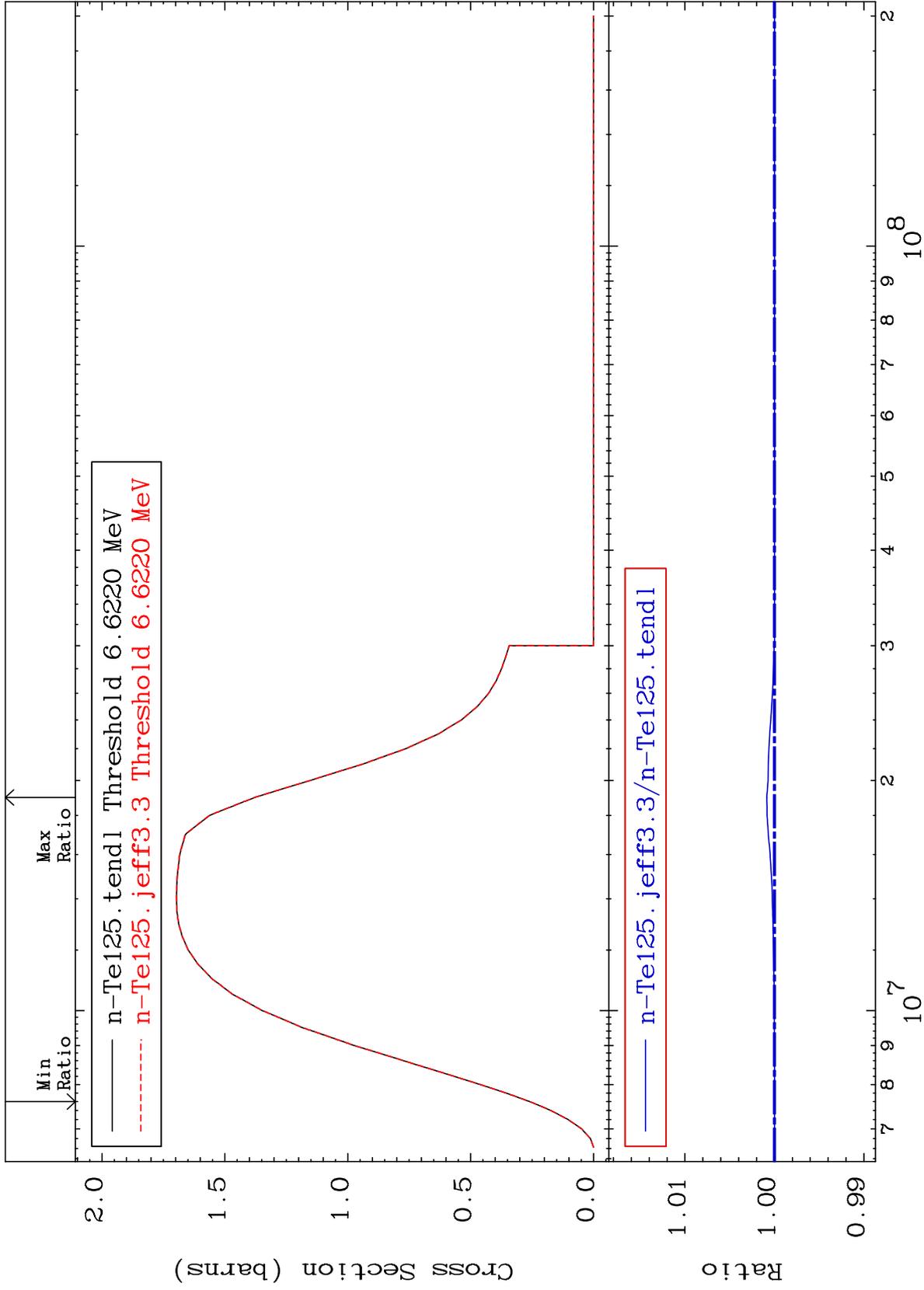
MAT 5240

(n,2n)

52-Te-125

Cross Section

-0.002 To 0.086 %



Incident Energy (eV)

52-Te-125

4

MAT 5240

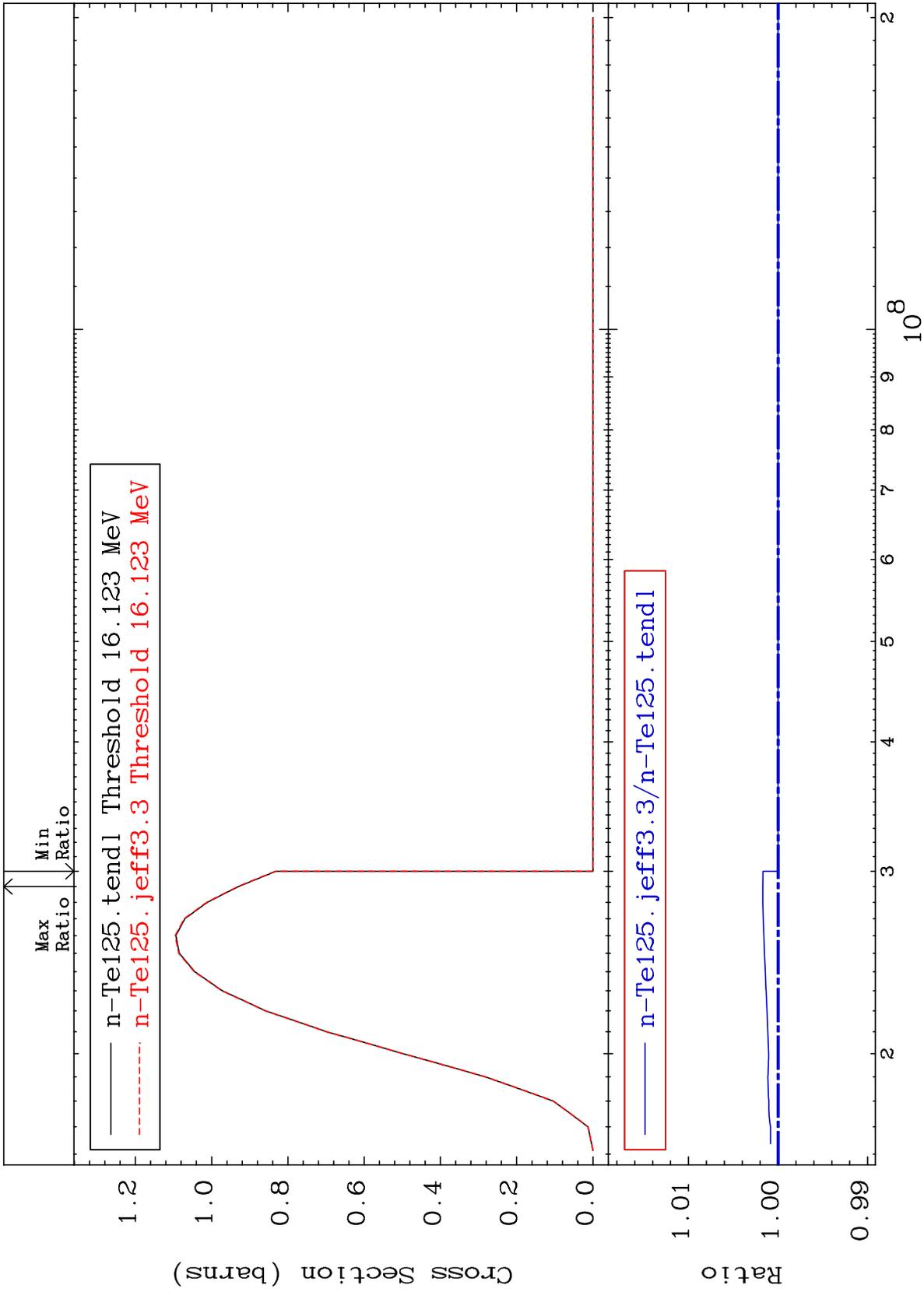
(n,3n)

52-Te-125

Cross Section

0.000

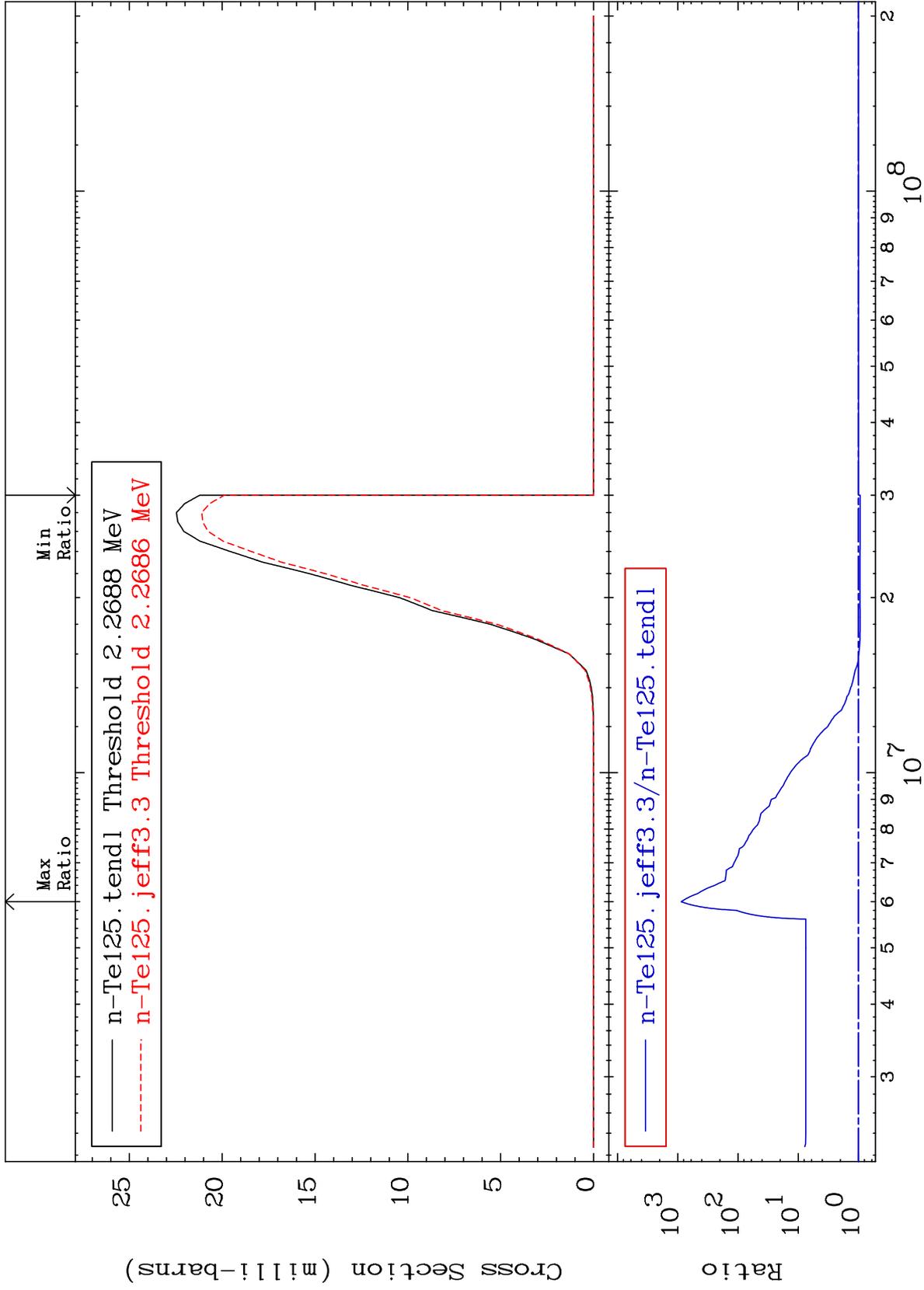
To 0.171 %



MAT 5240

(n, n') α
Cross Section

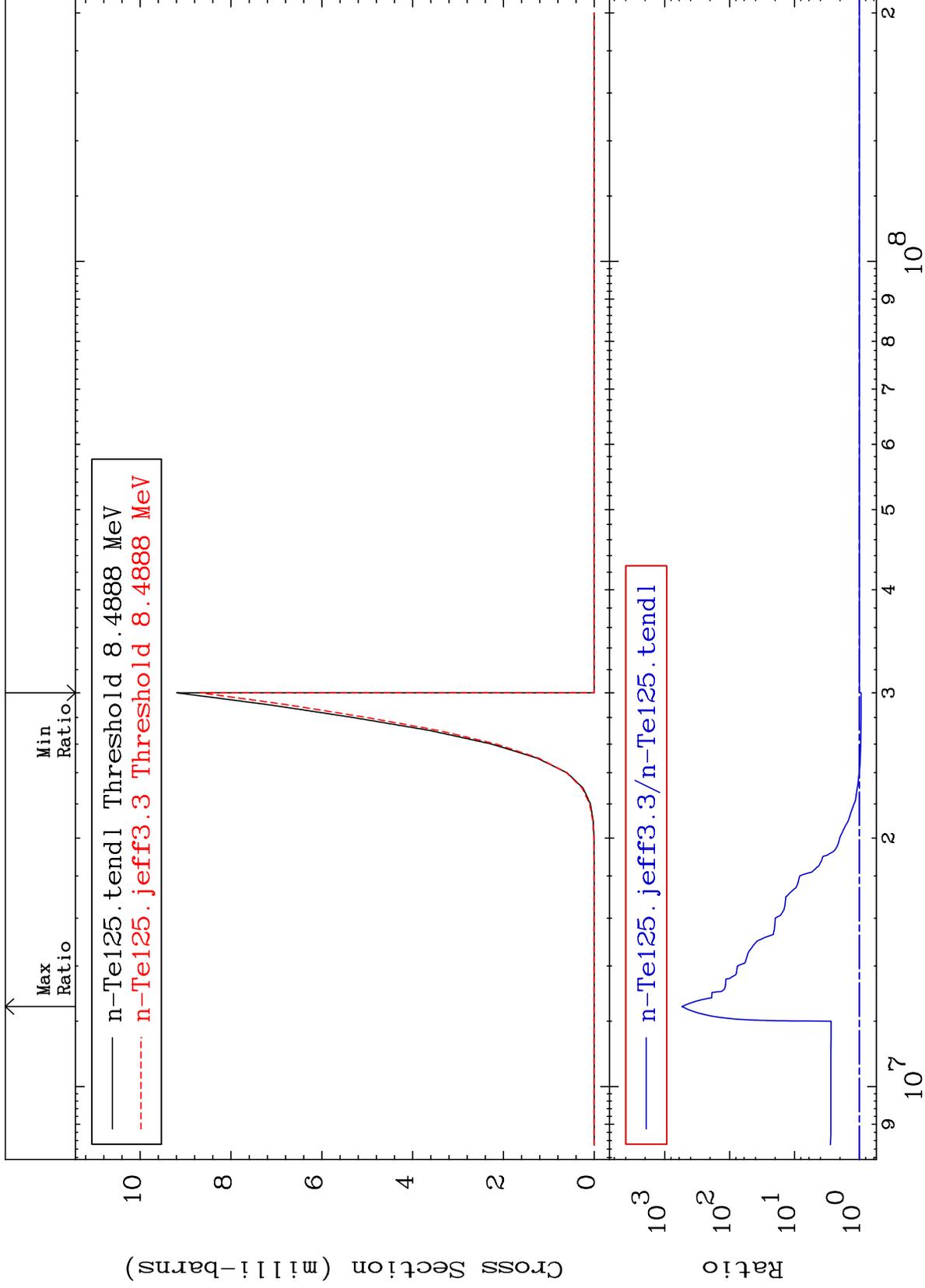
52-Te-125
-6.182 To 9999. %



MAT 5240

(n,2n) α
Cross Section

52-Te-125
-5.675 To 9999. %



7

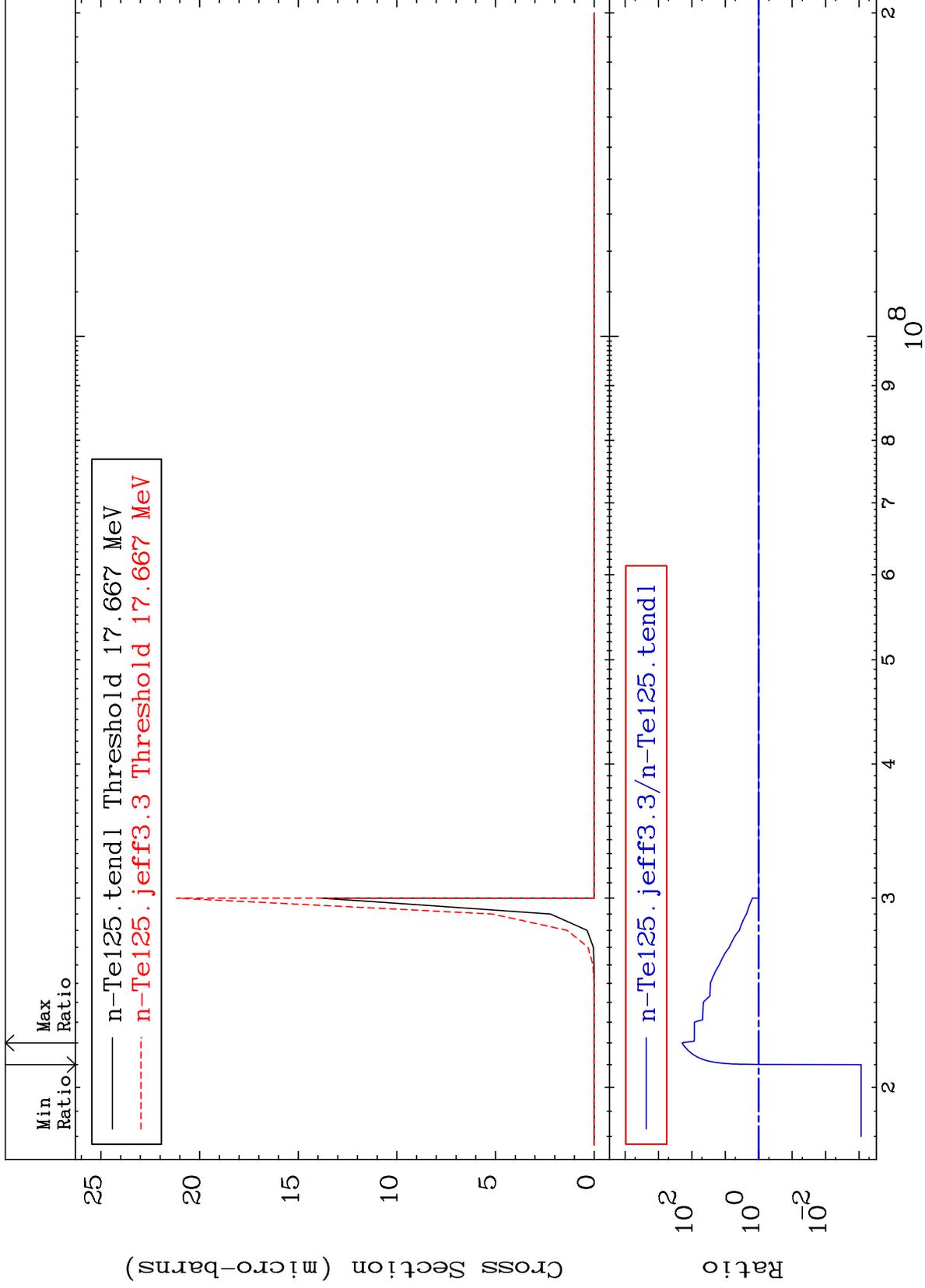
Incident Energy (eV)

52-Te-125

MAT 5240

(n,3n) α
Cross Section

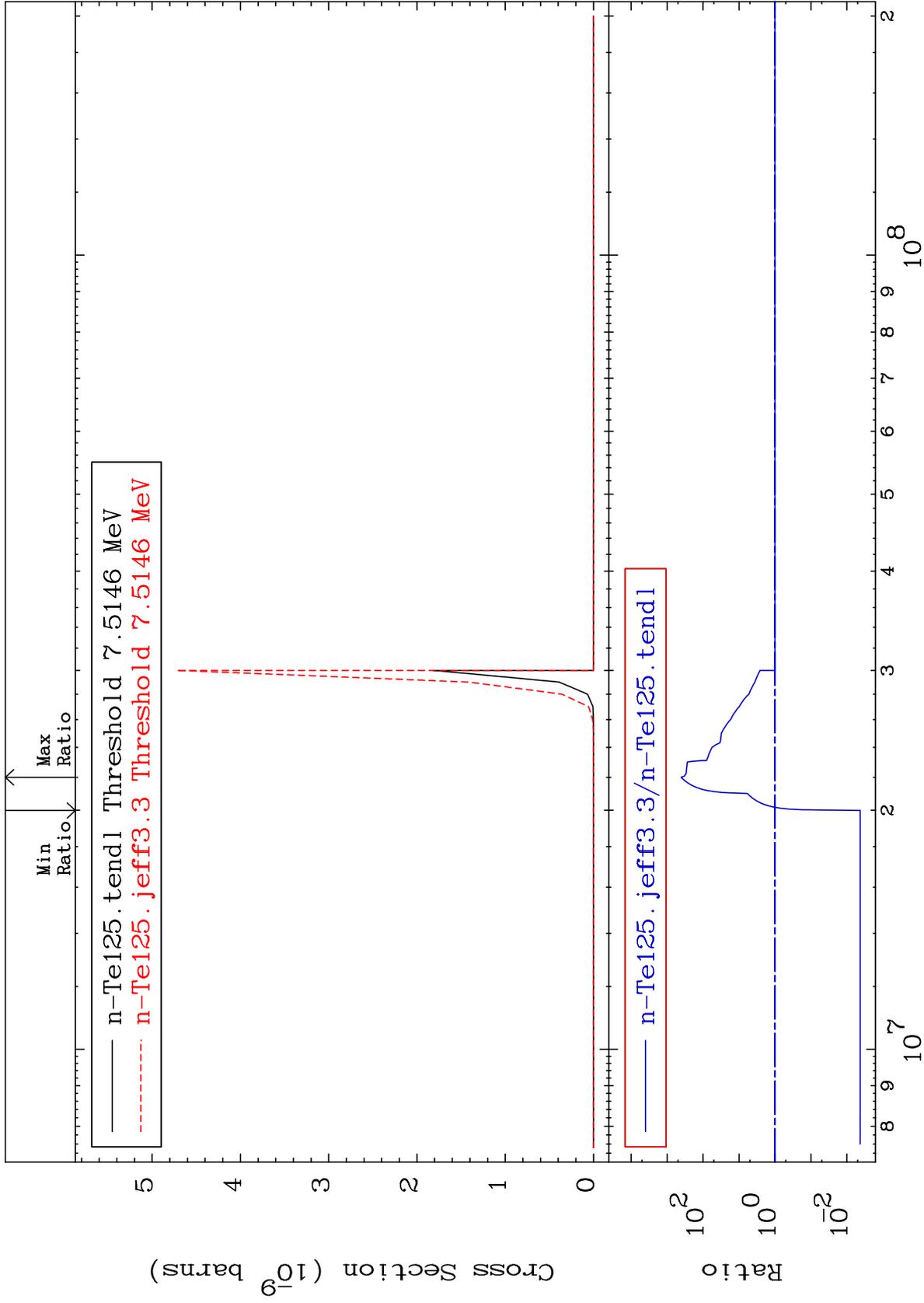
52-Te-125
-99.91 To 9999. %



MAT 5240

(n, n') 2α
Cross Section

52-Te-125
-99.57 To 9999. %



10

Incident Energy (eV)

52-Te-125

MAT 5240

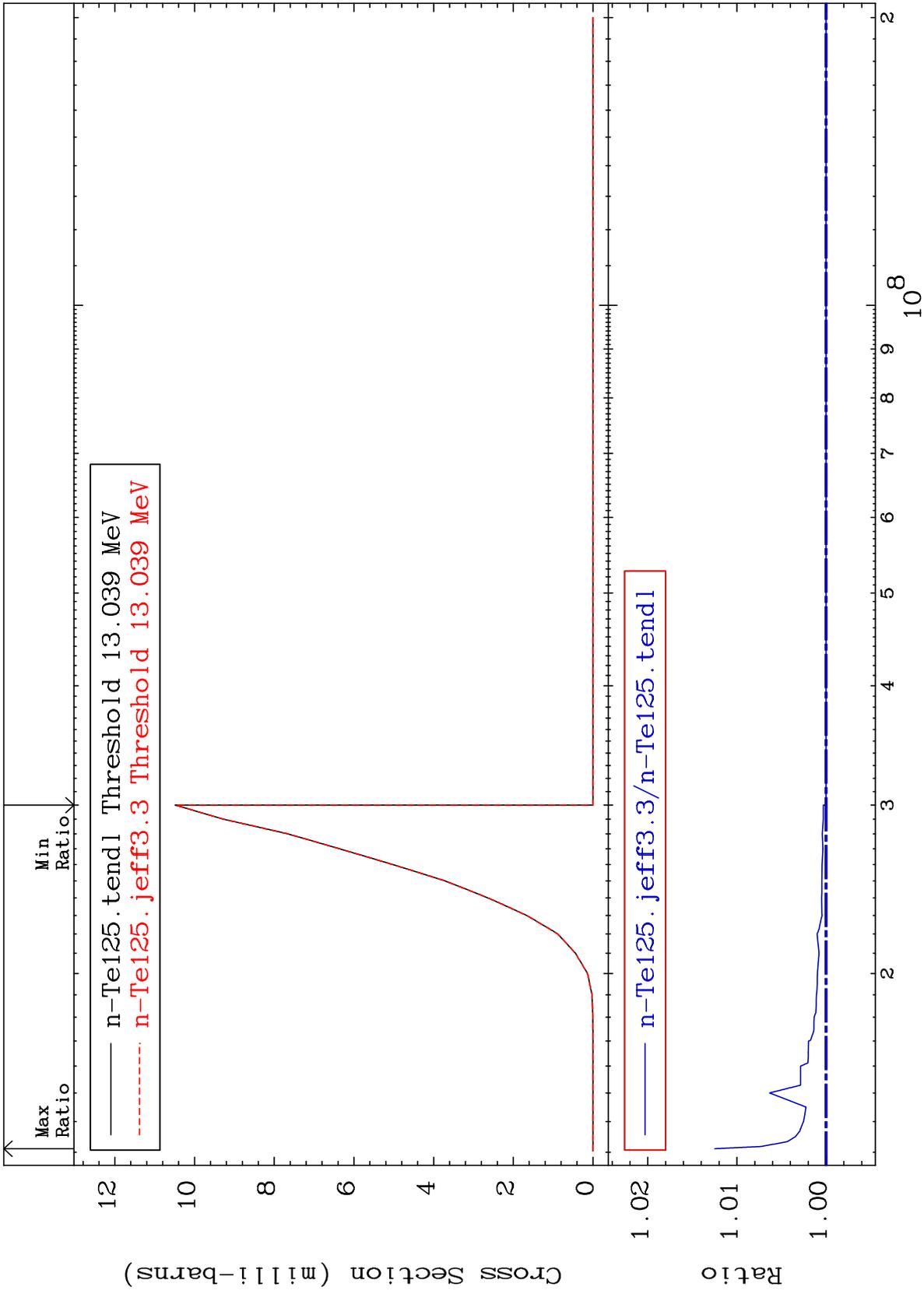
(n, n') d

52-Te-125

Cross Section

0.000

To 1.248 %



11

Incident Energy (eV)

52-Te-125

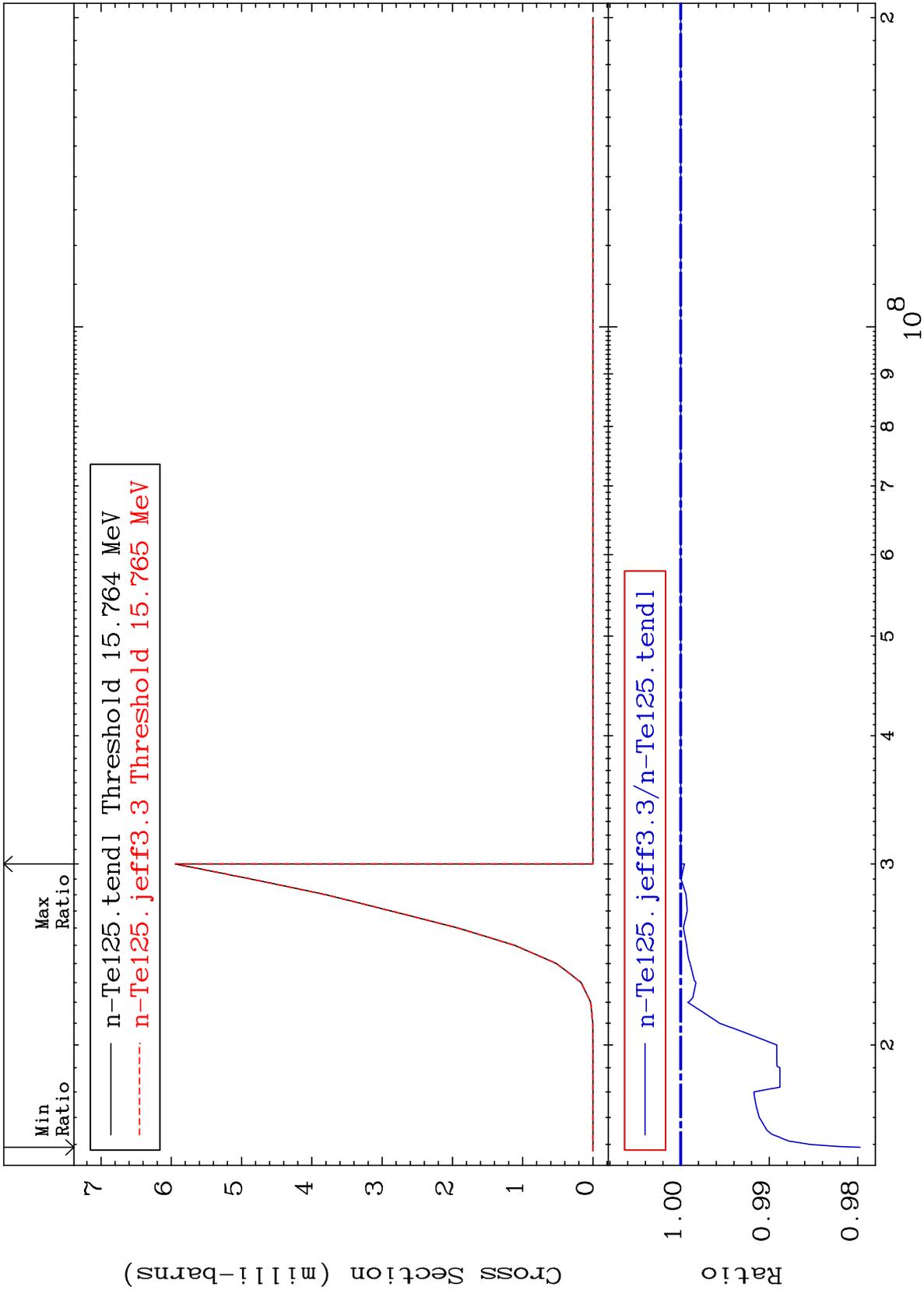
MAT 5240

(n,n') t

52-Te-125

Cross Section

-2.026 To 0.000 %



12

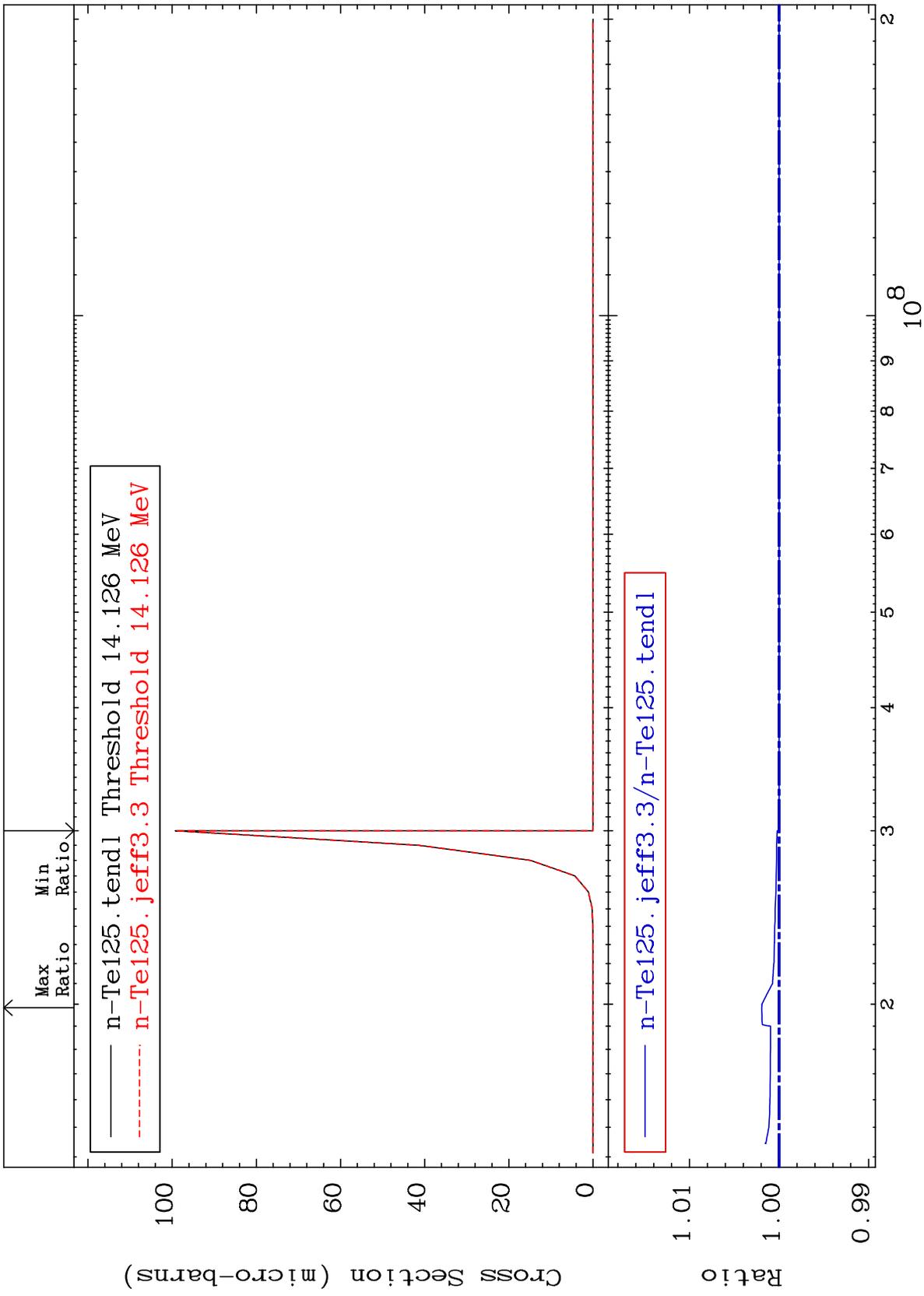
Incident Energy (eV)

52-Te-125

MAT 5240

(n, n') He-3
Cross Section

52-Te-125
To 0.194 %



MAT 5240

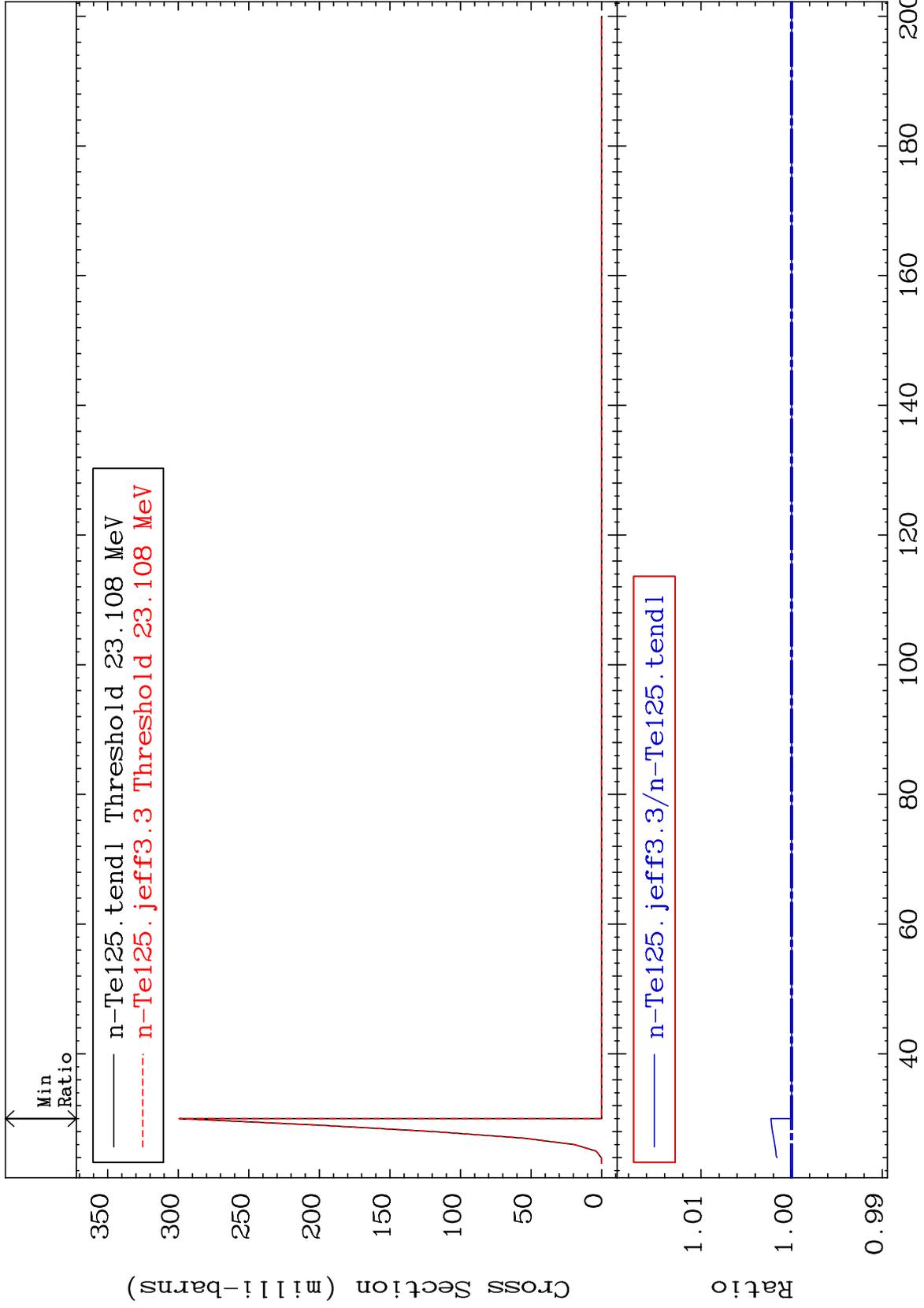
(n,4n)

52-Te-125

Cross Section

0.000

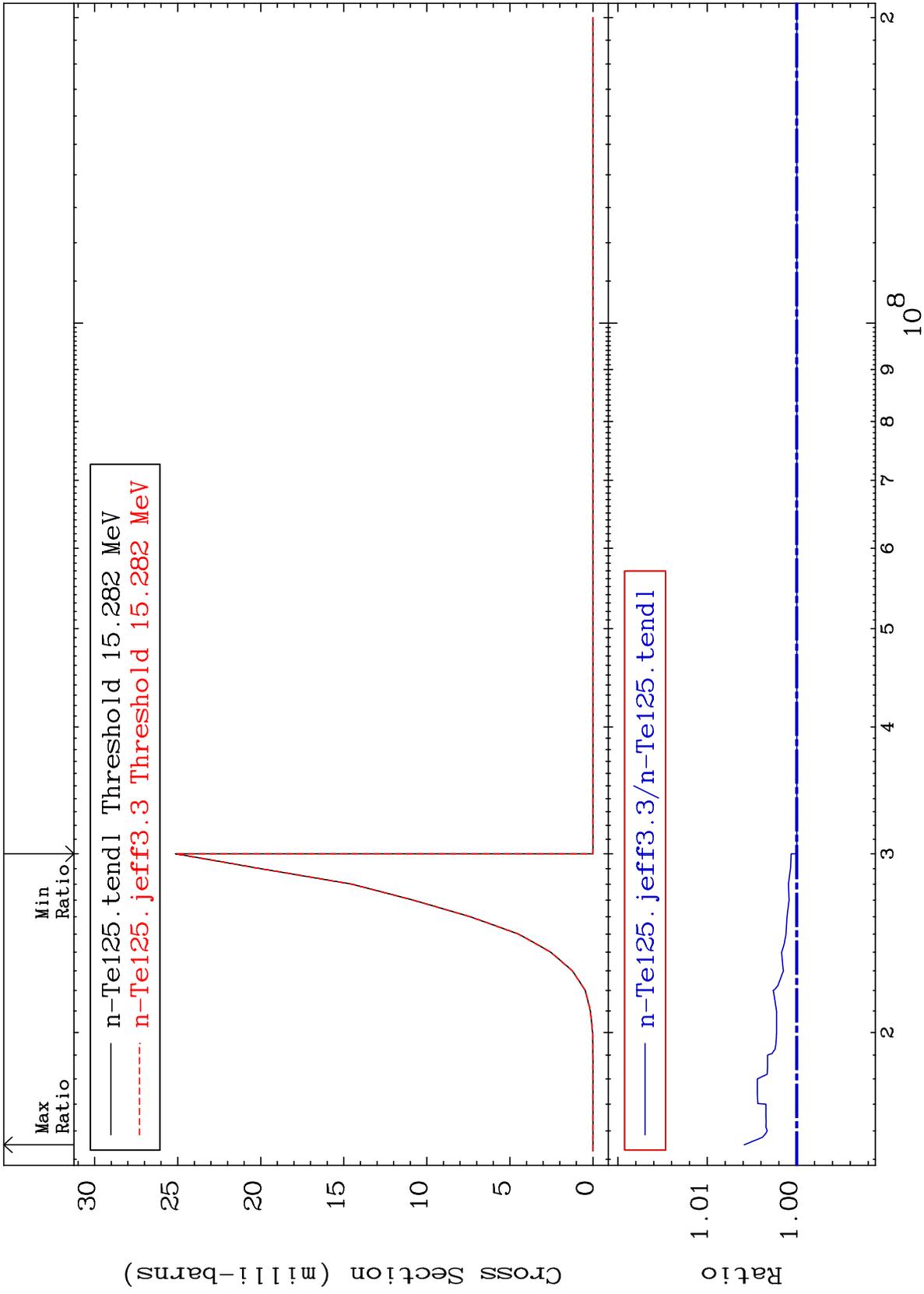
To 0.229 %



MAT 5240

(n,2n) p
Cross Section

52-Te-125
To 0.588 %



15

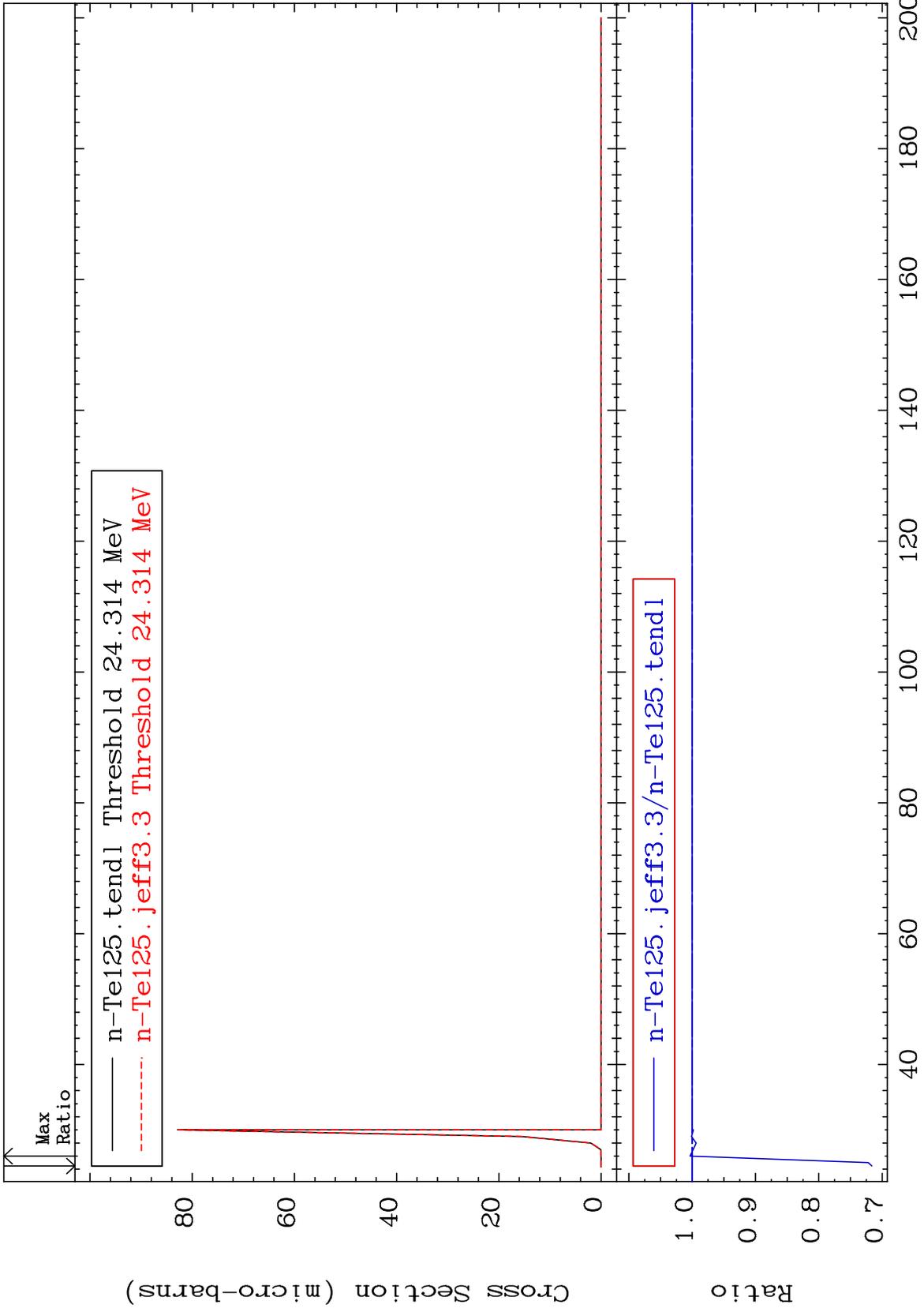
Incident Energy (eV)

52-Te-125

MAT 5240

(n,3n) p
Cross Section

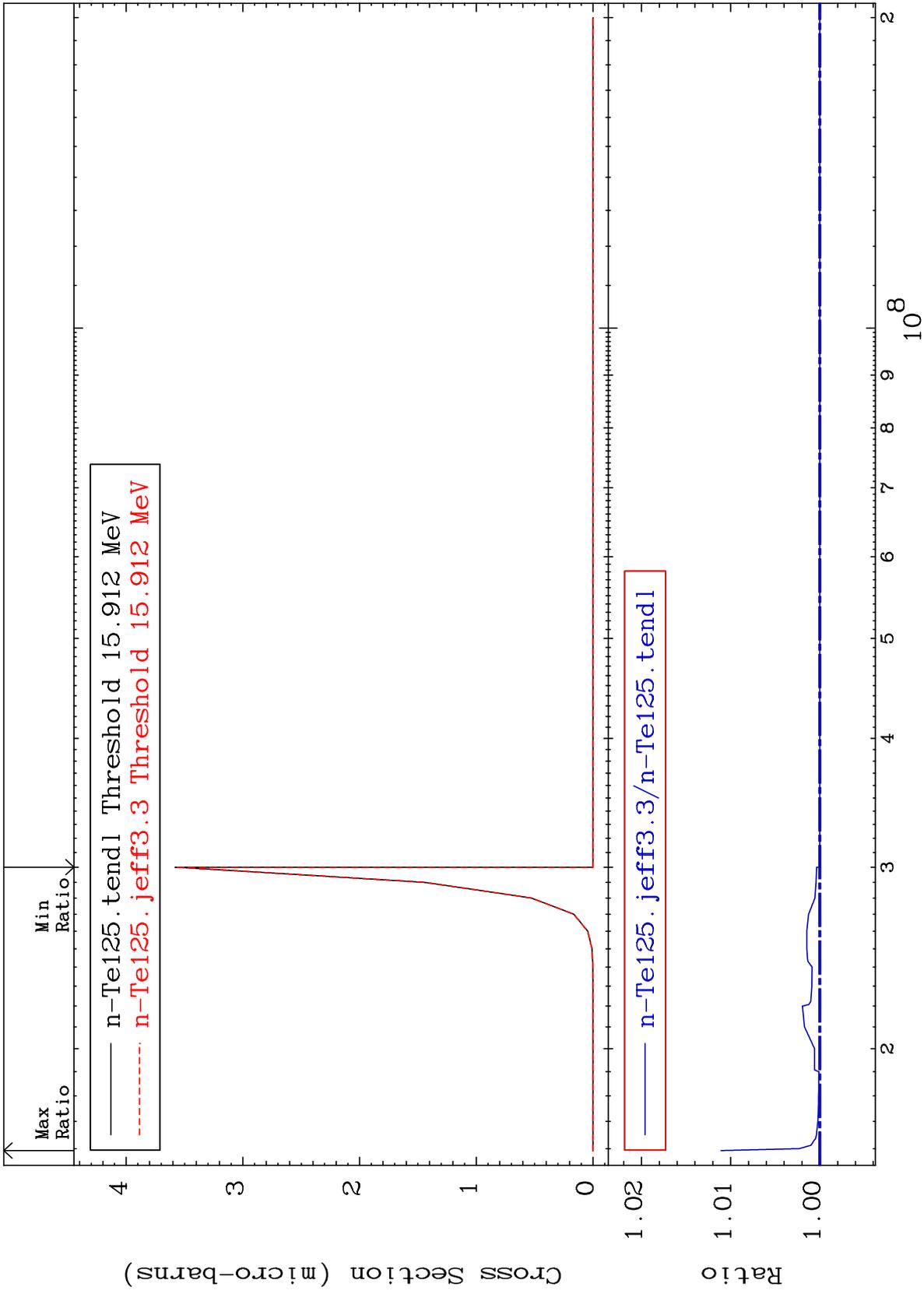
52-Te-125
-28.38 To 0.339 %



MAT 5240

(n,2n) p
Cross Section

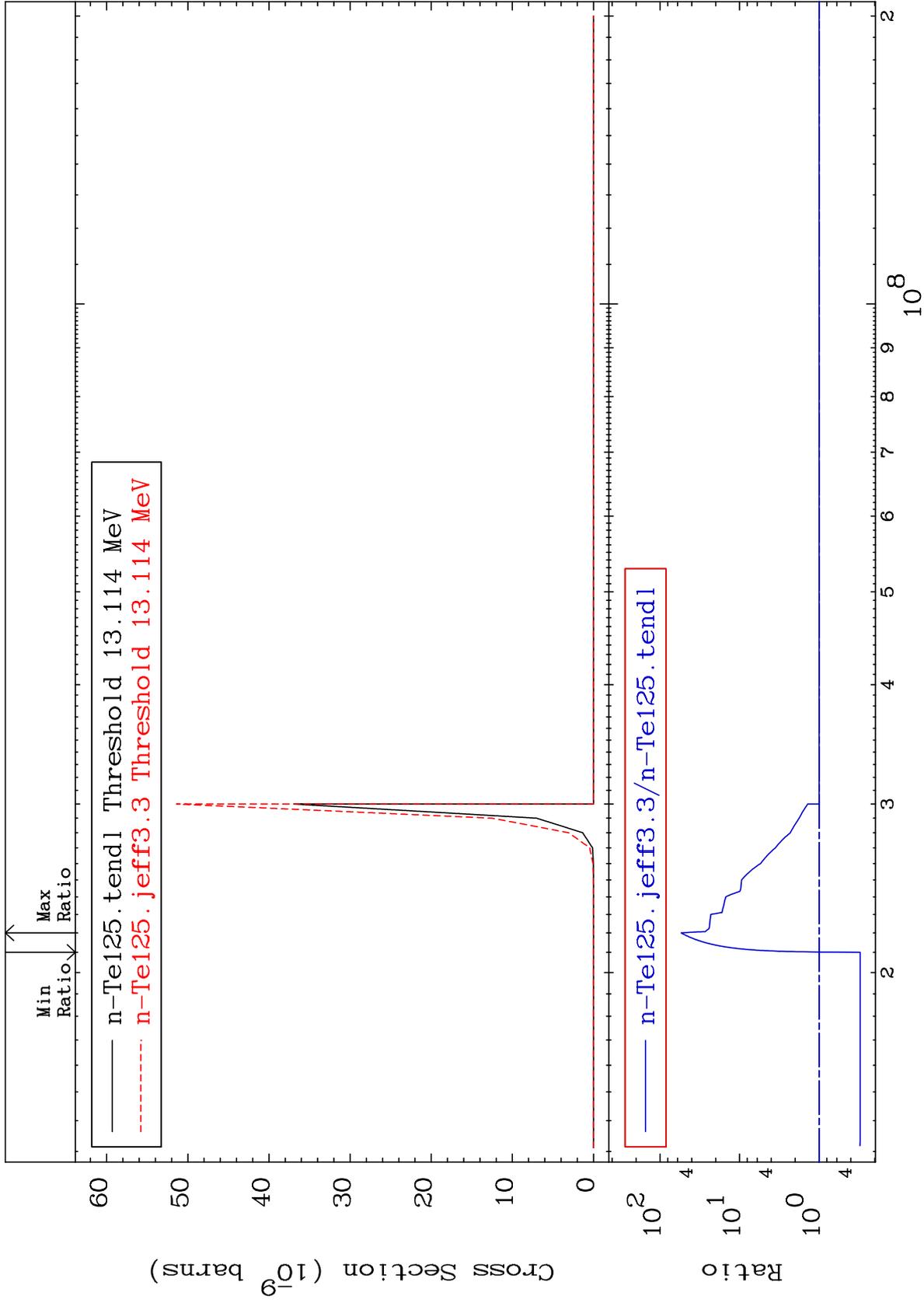
52-Te-125
To 1.108 %



MAT 5240

(n,n') p α
Cross Section

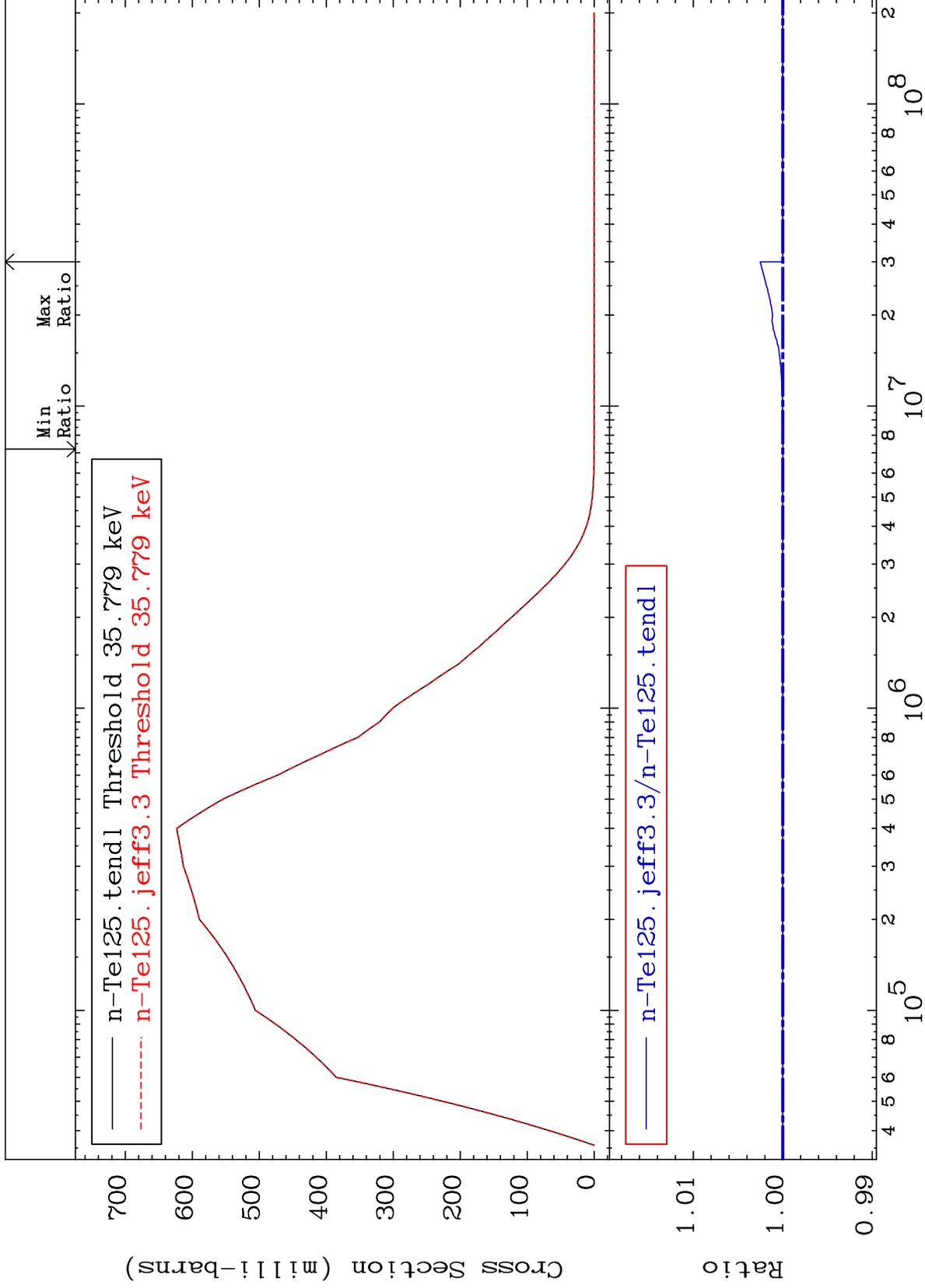
52-Te-125
-69.50 To 5321. %



MAT 5240

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

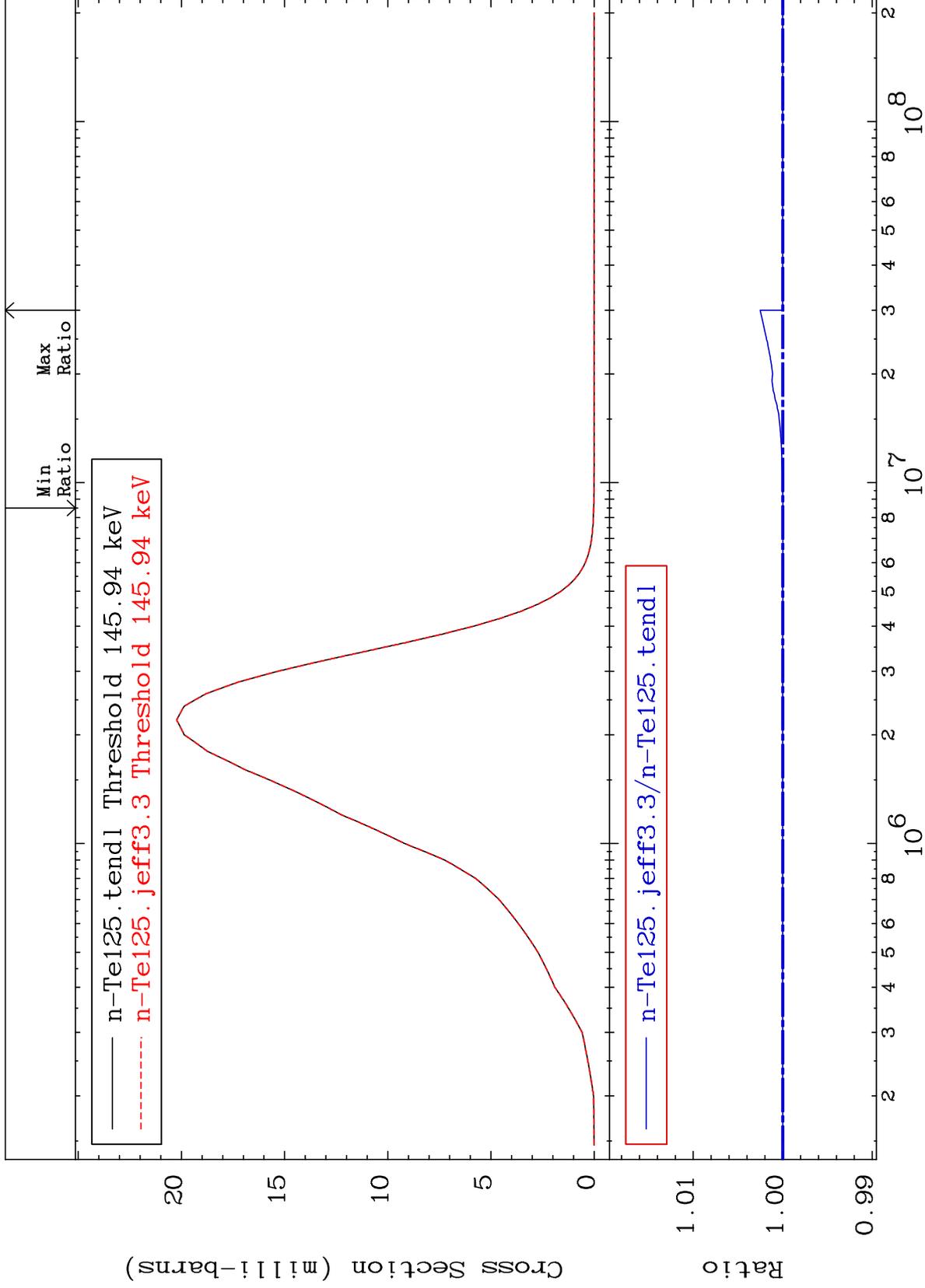
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

52-Te-125
-0.002 To 0.252 %



20

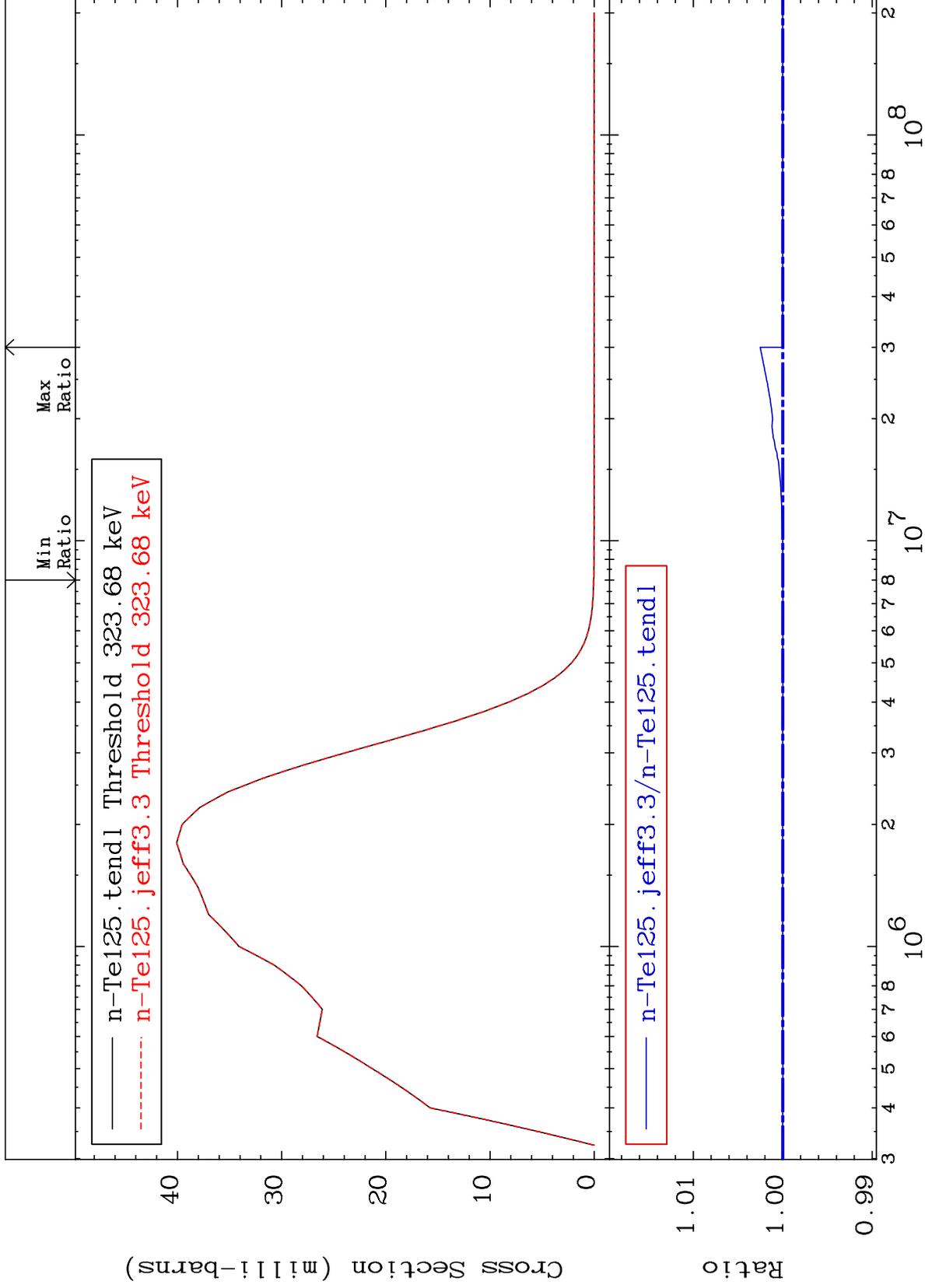
Incident Energy (eV)

52-Te-125

MAT 5240

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

52-Te-125
-0.002 To 0.252 %



21

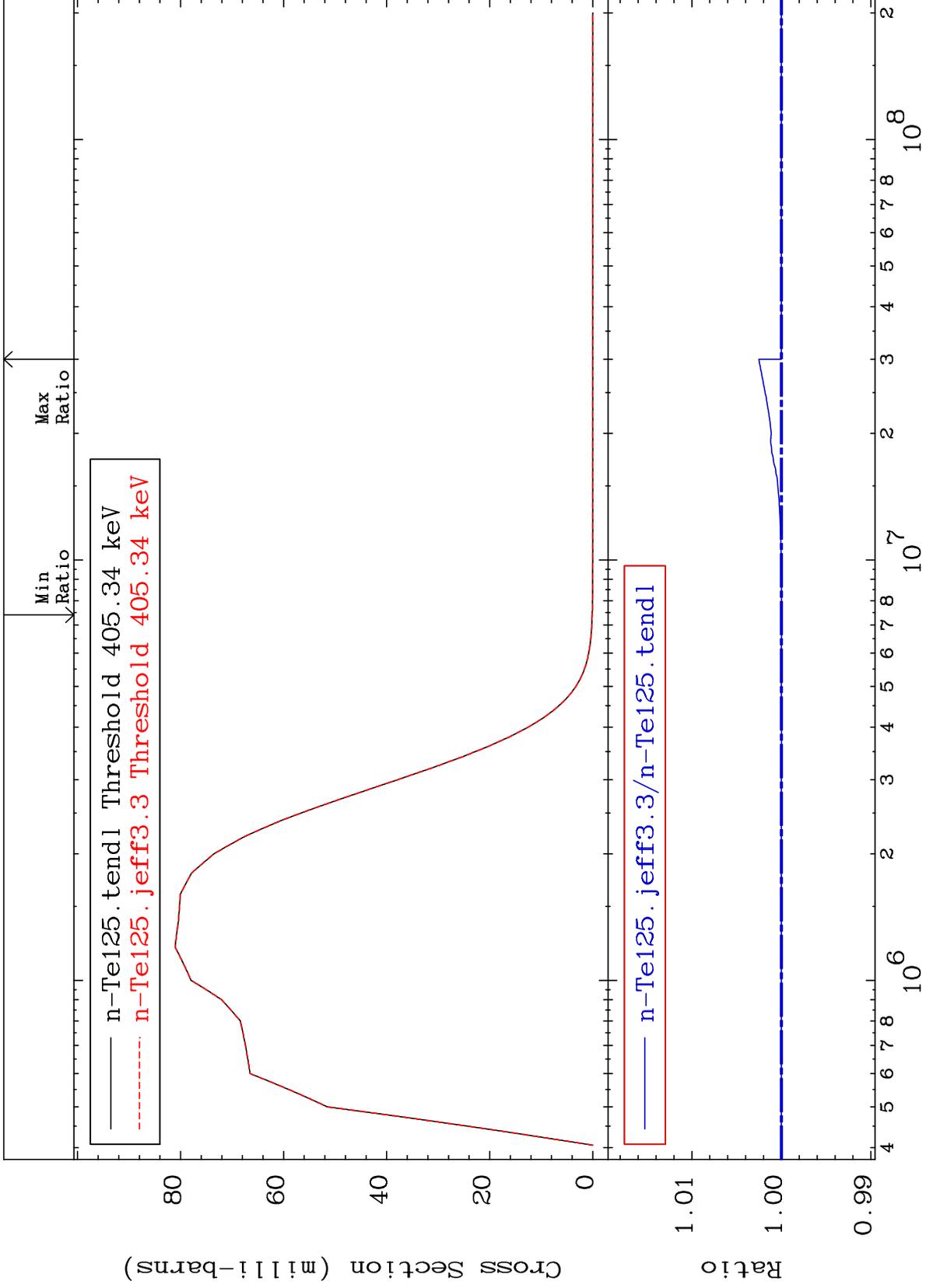
Incident Energy (eV)

52-Te-125

MAT 5240

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

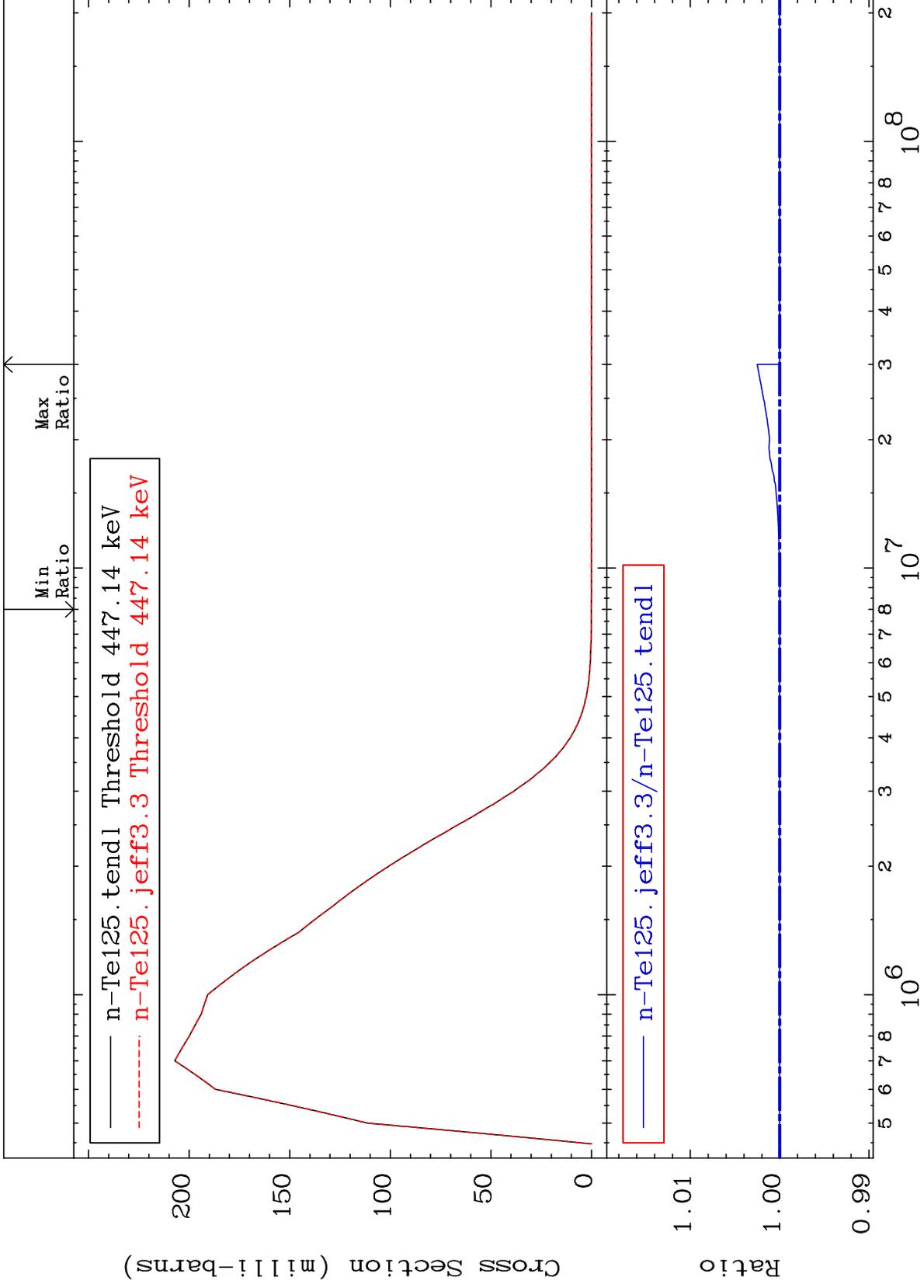
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

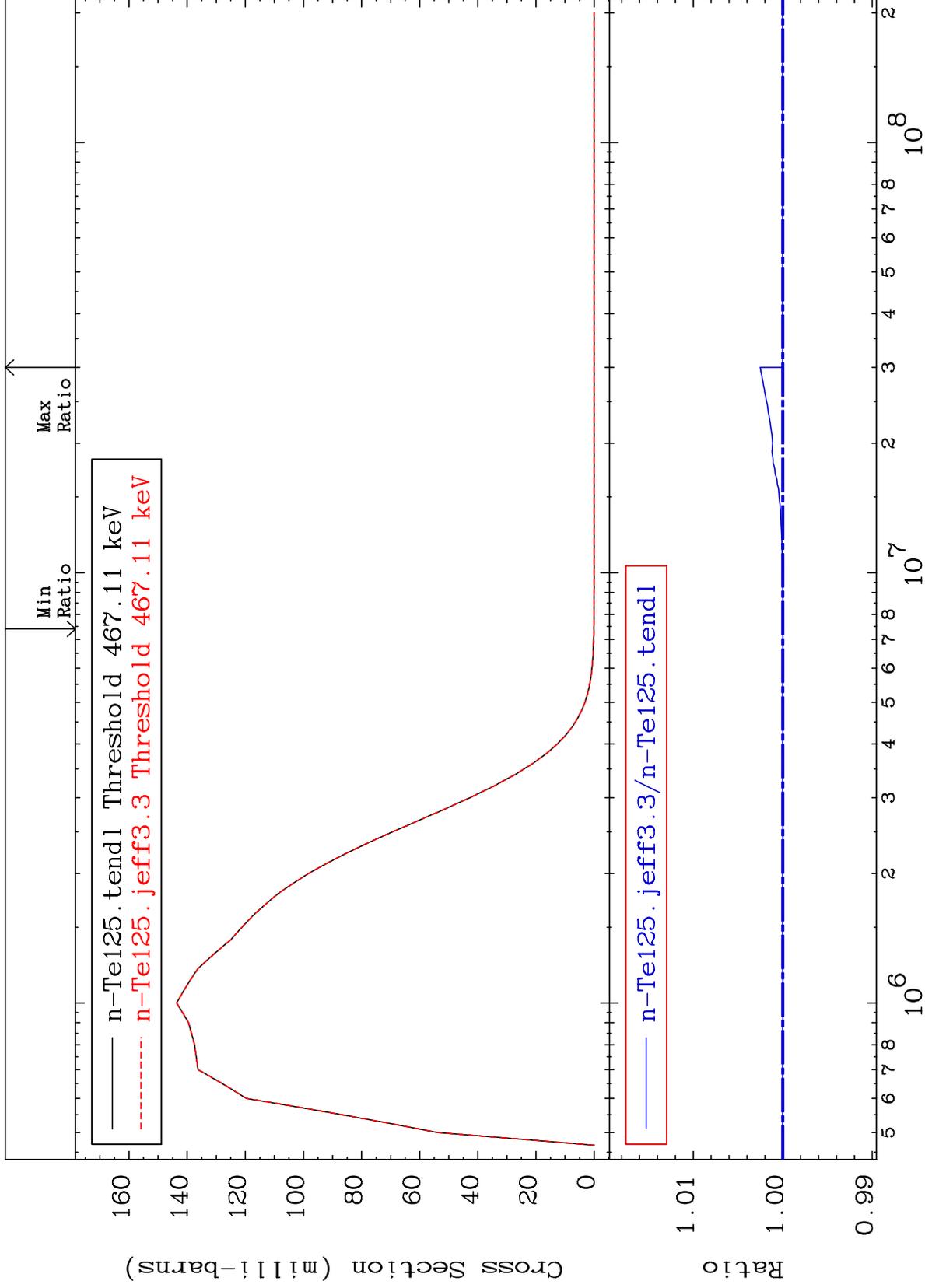
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

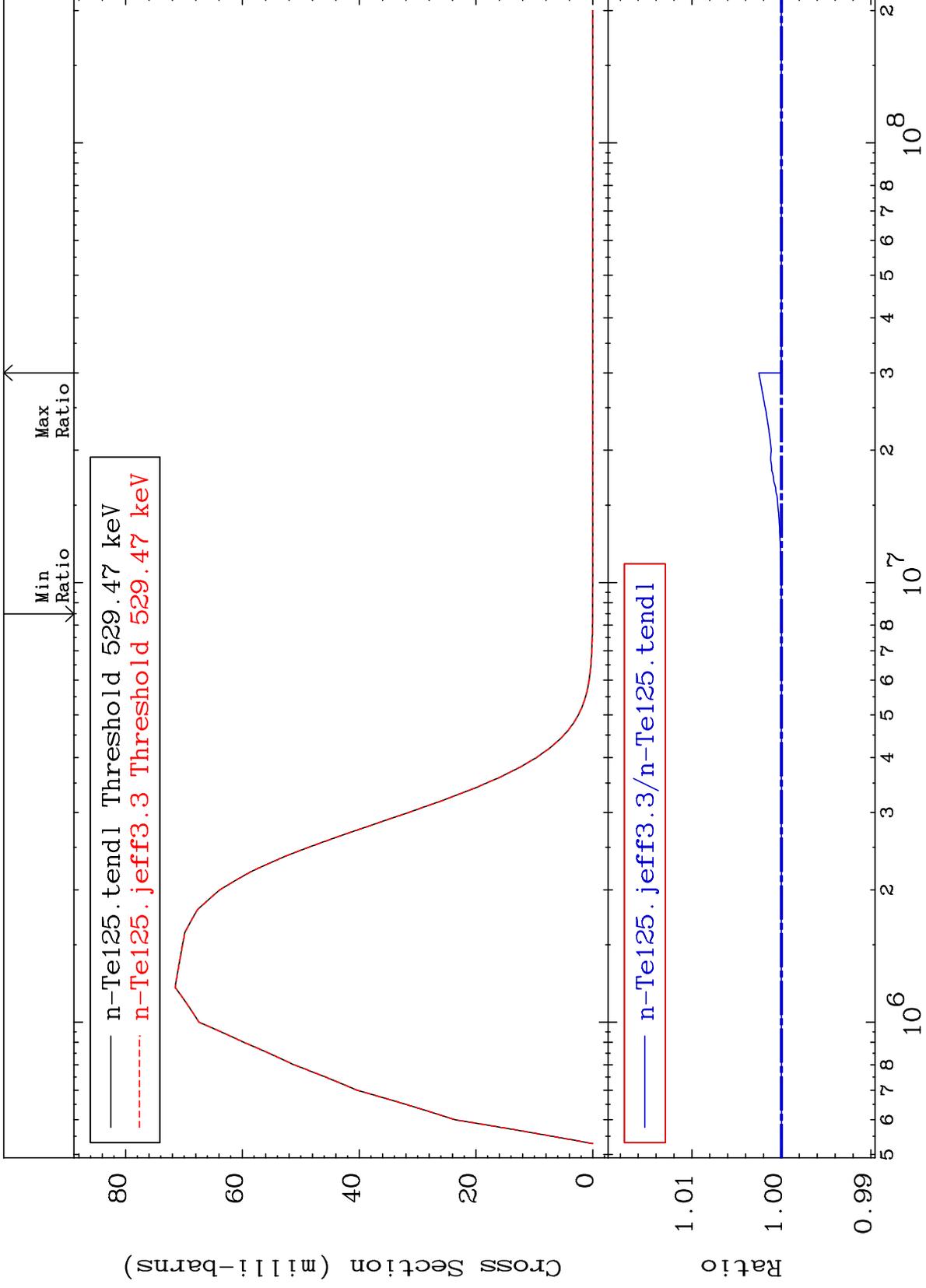
52-Te-125
-0.002 To 0.253 %



MAT 5240

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

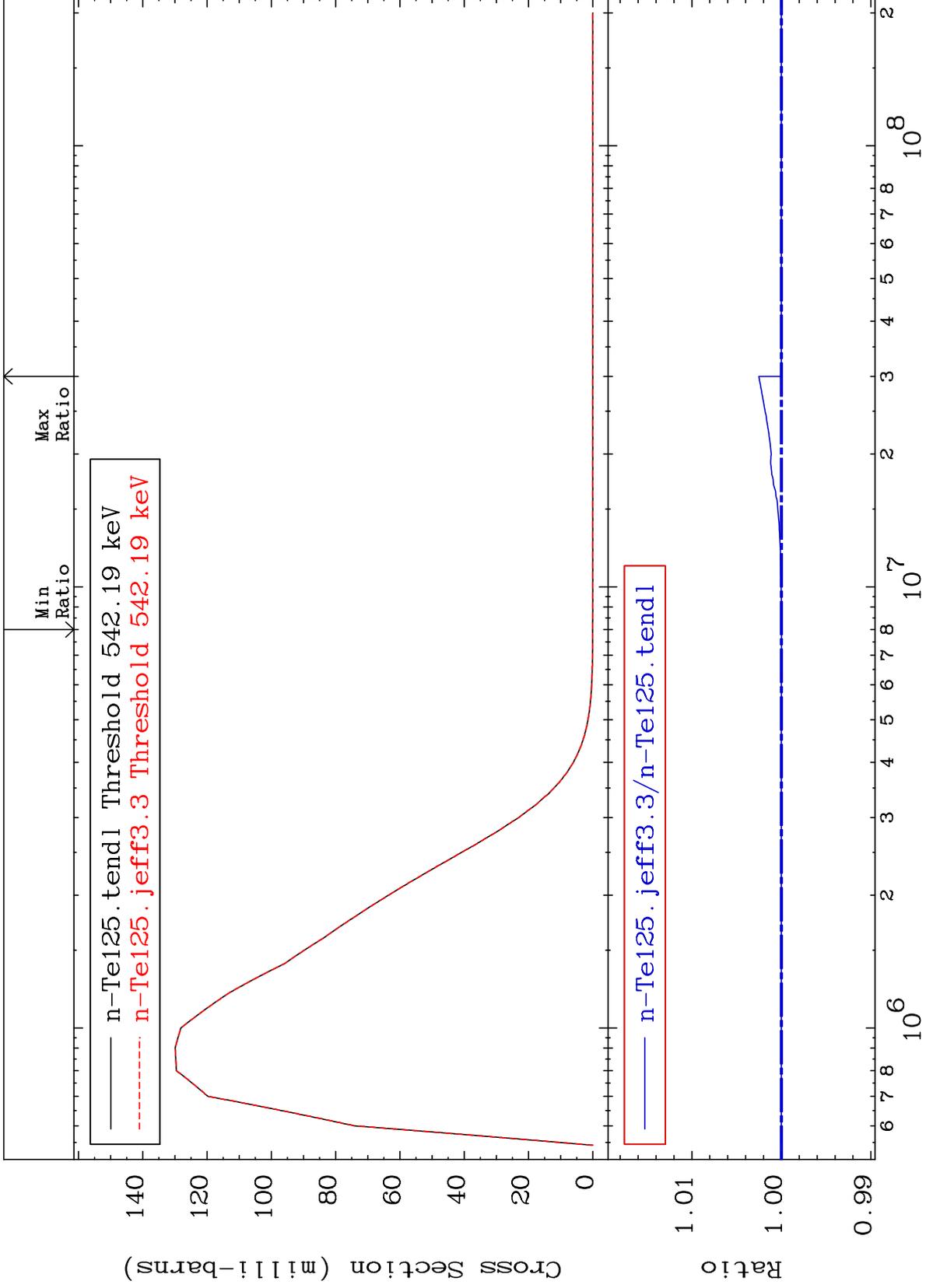
52-Te-125
-0.002 To 0.253 %



MAT 5240

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

52-Te-125
-0.002 To 0.252 %



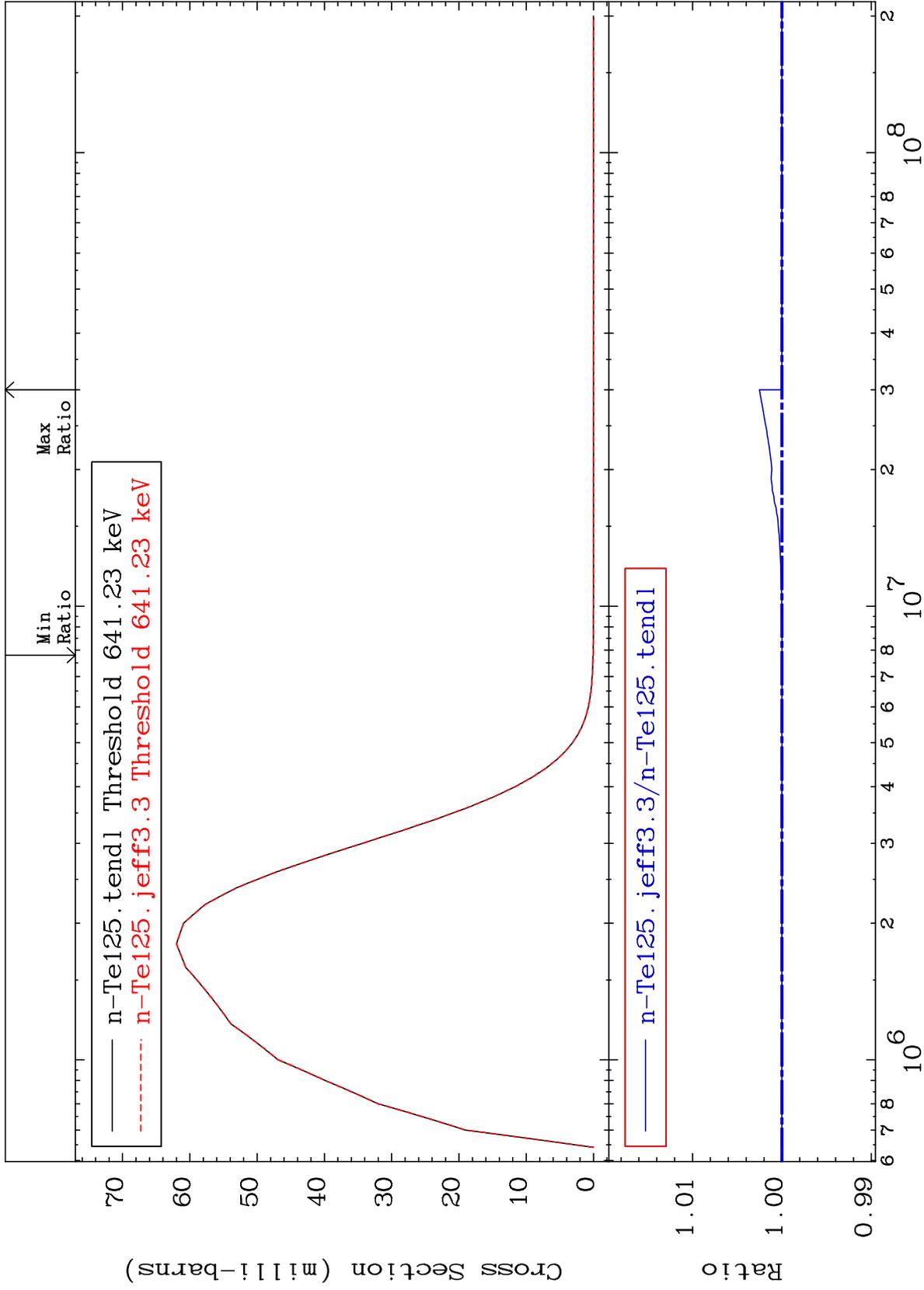
MAT 5240

MT= 59 (n,n') Level

52-Te-125

Cross Section

-0.002 To 0.253 %



27

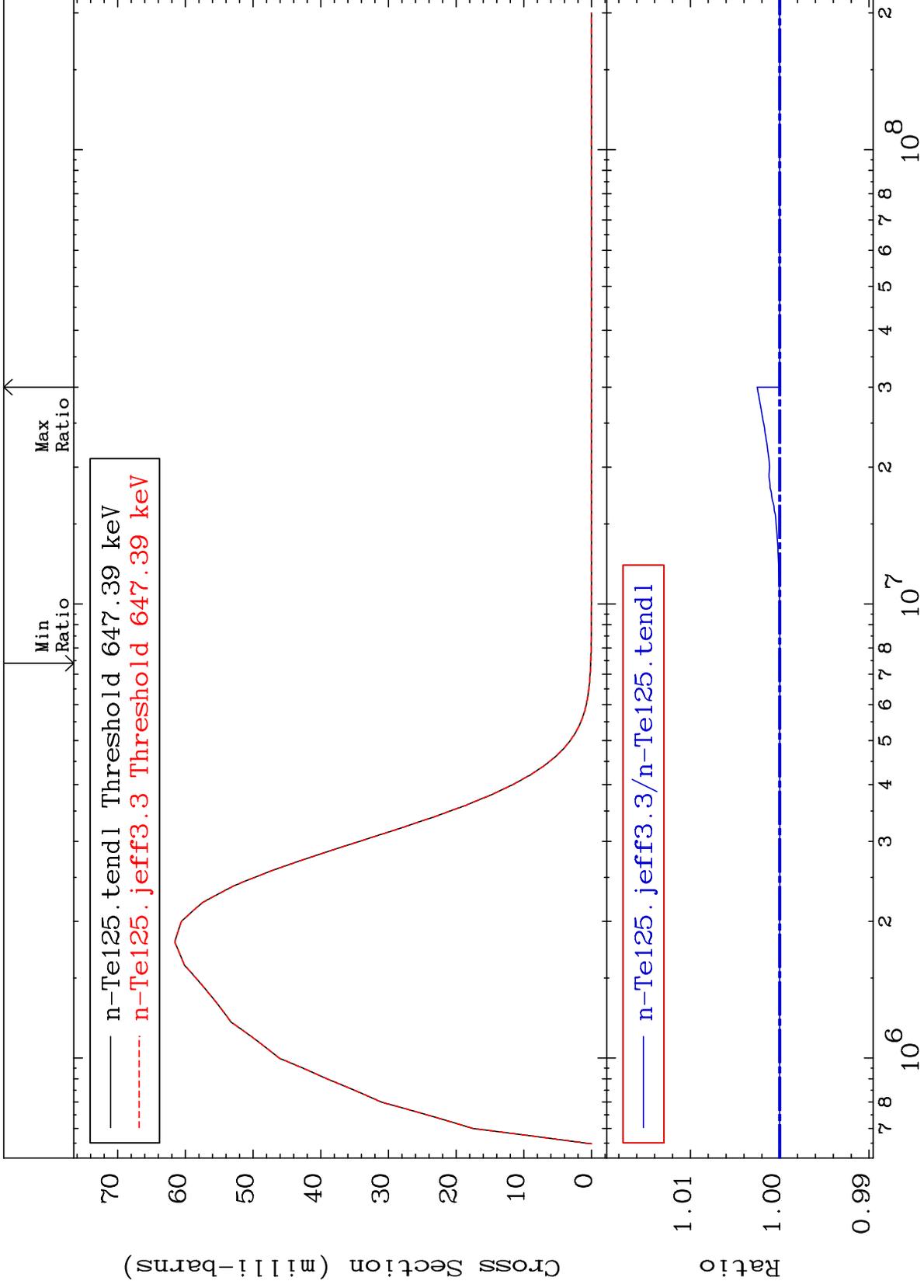
Incident Energy (eV)

52-Te-125

MAT 5240

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

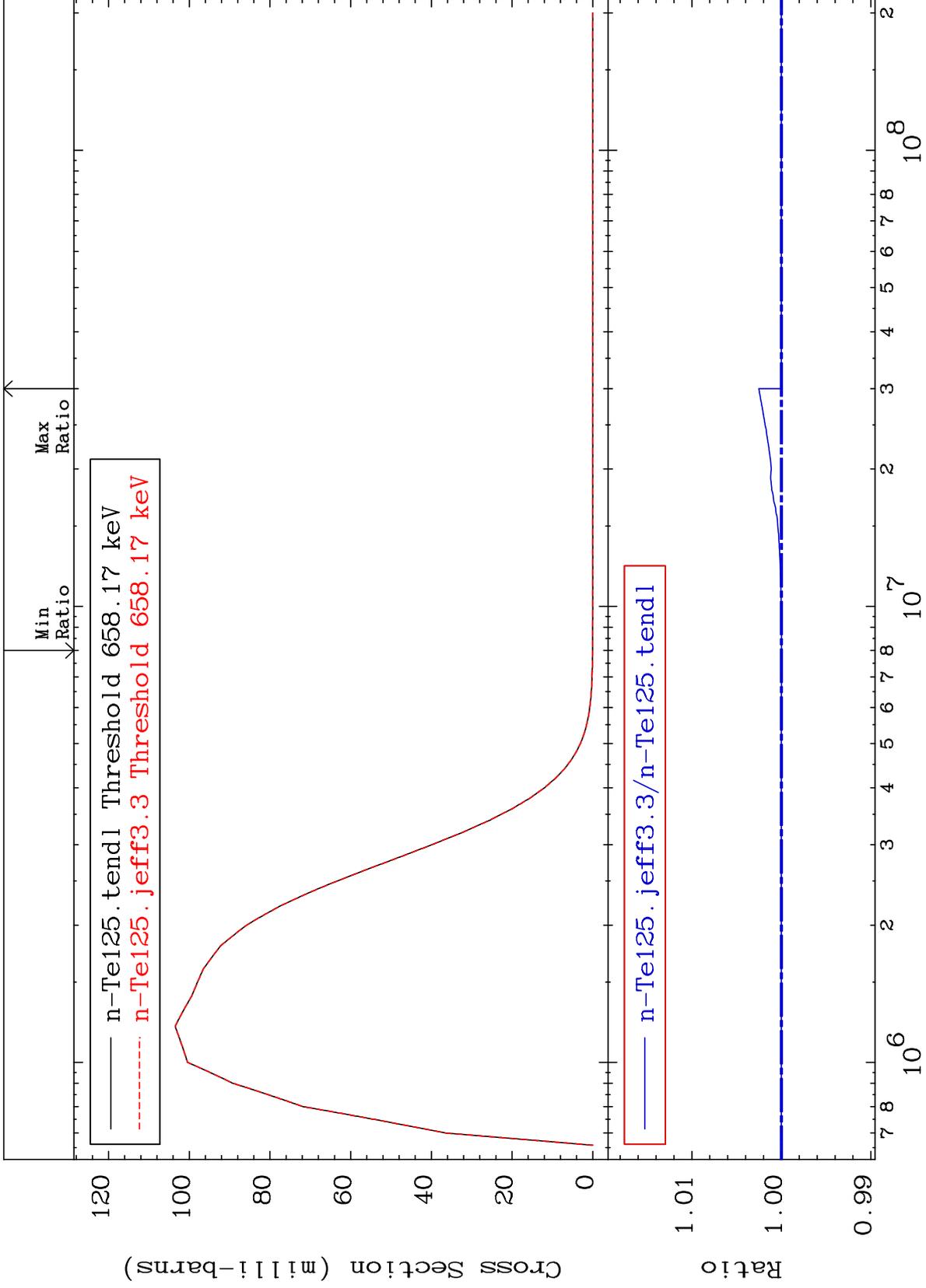
52-Te-125
-0.002 To 0.253 %



MAT 5240

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

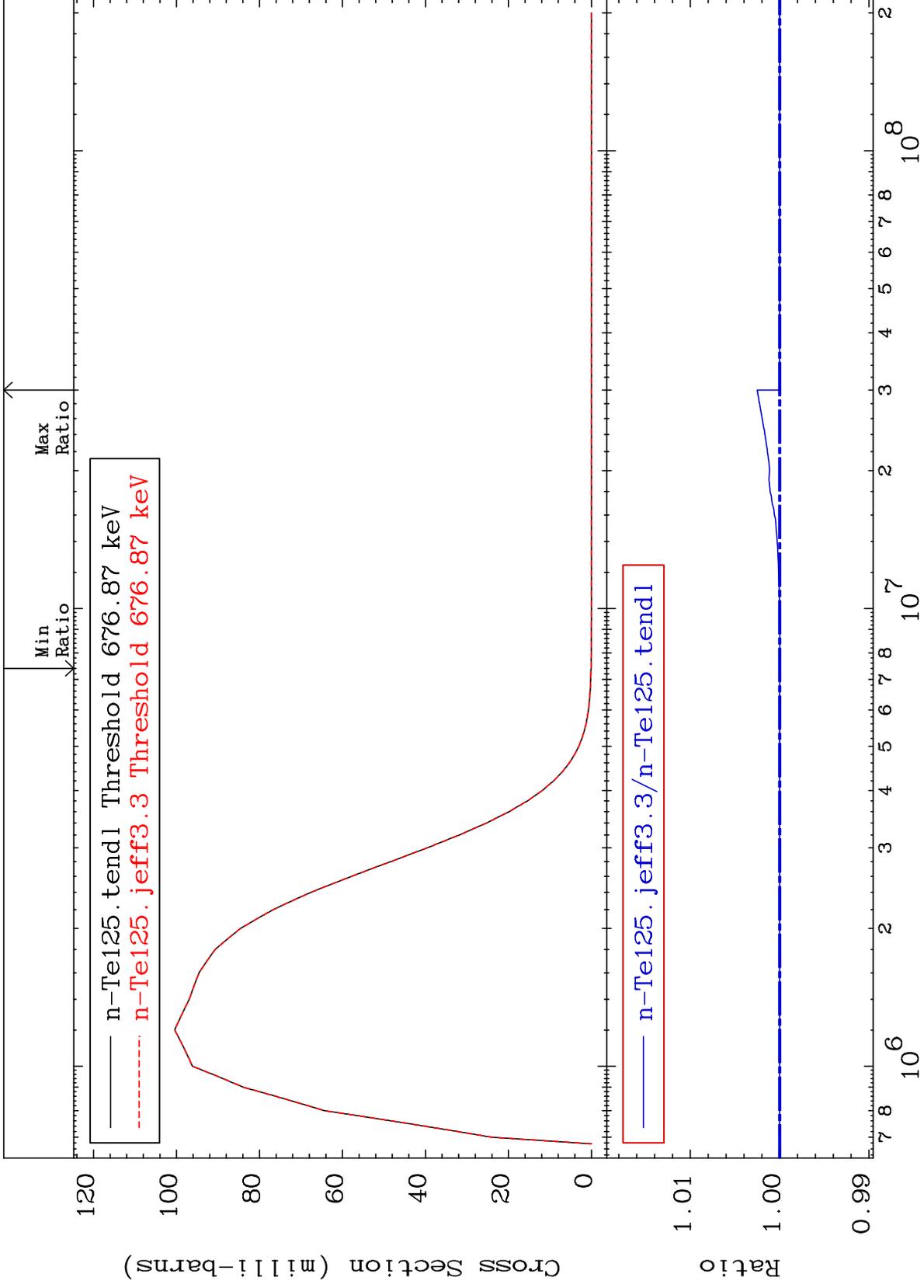
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

52-Te-125
-0.002 To 0.252 %



30

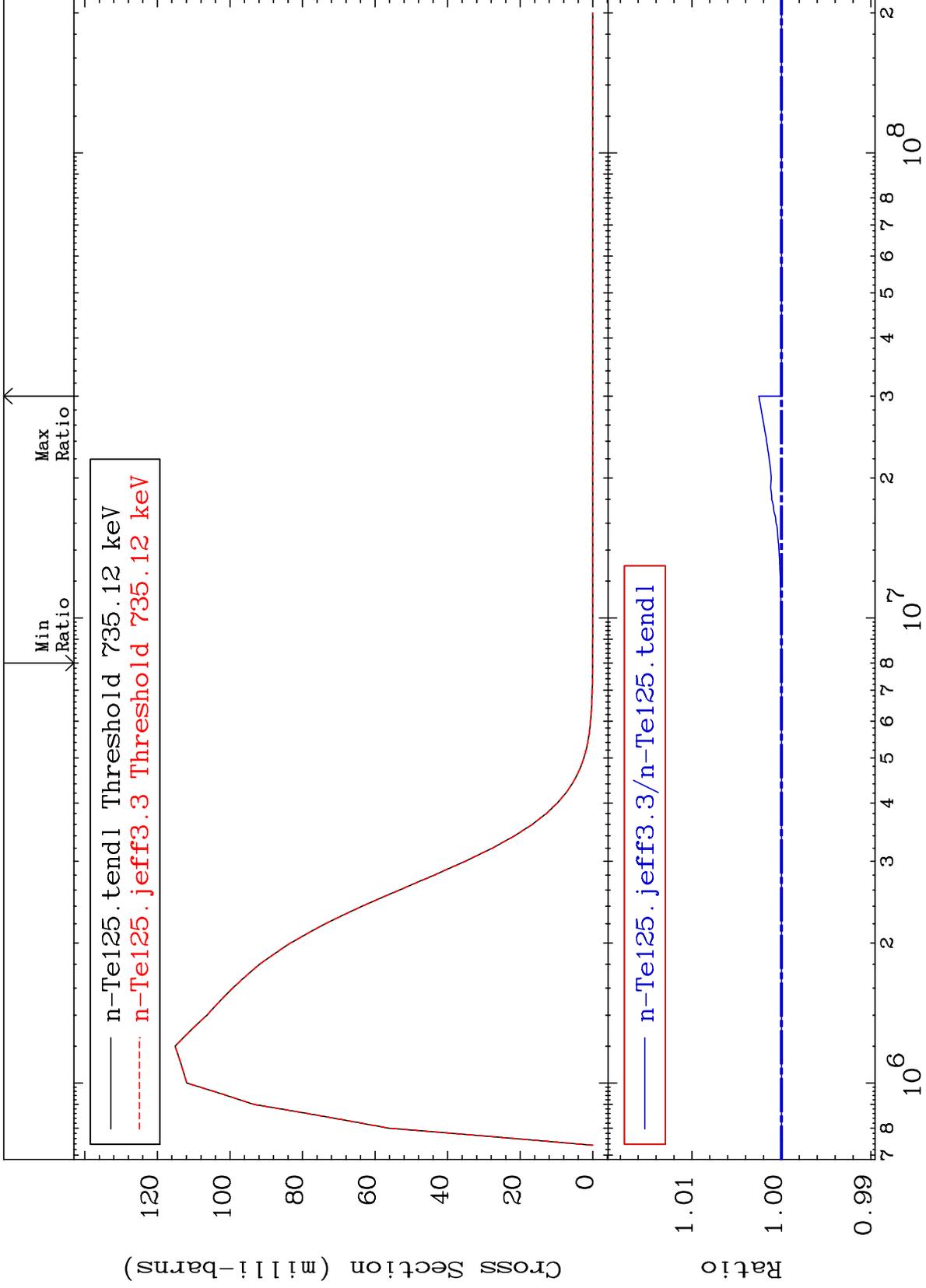
Incident Energy (eV)

52-Te-125

MAT 5240

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

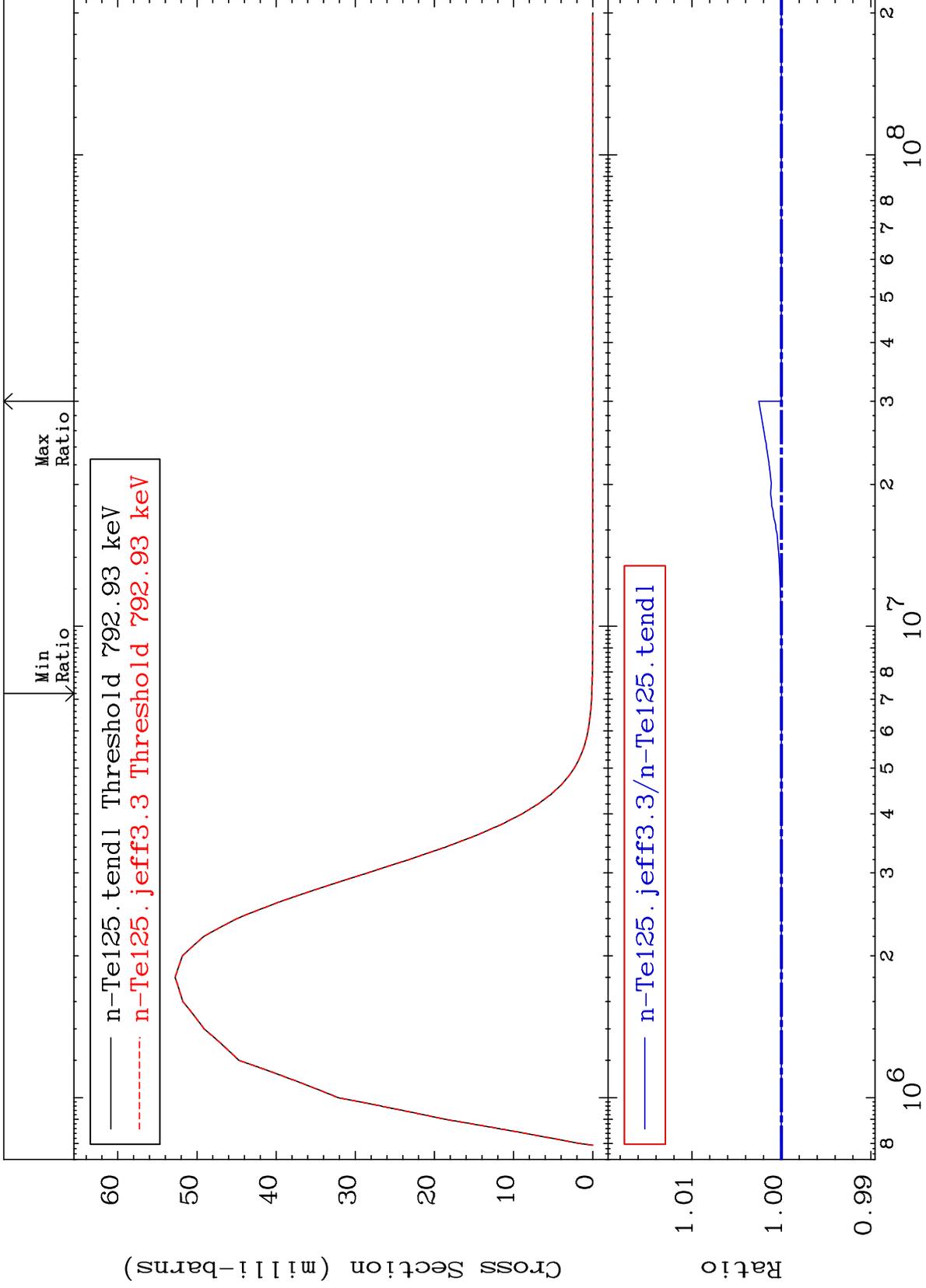
52-Te-125
-0.002 To 0.253 %



MAT 5240

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

52-Te-125
-0.002 To 0.252 %



32

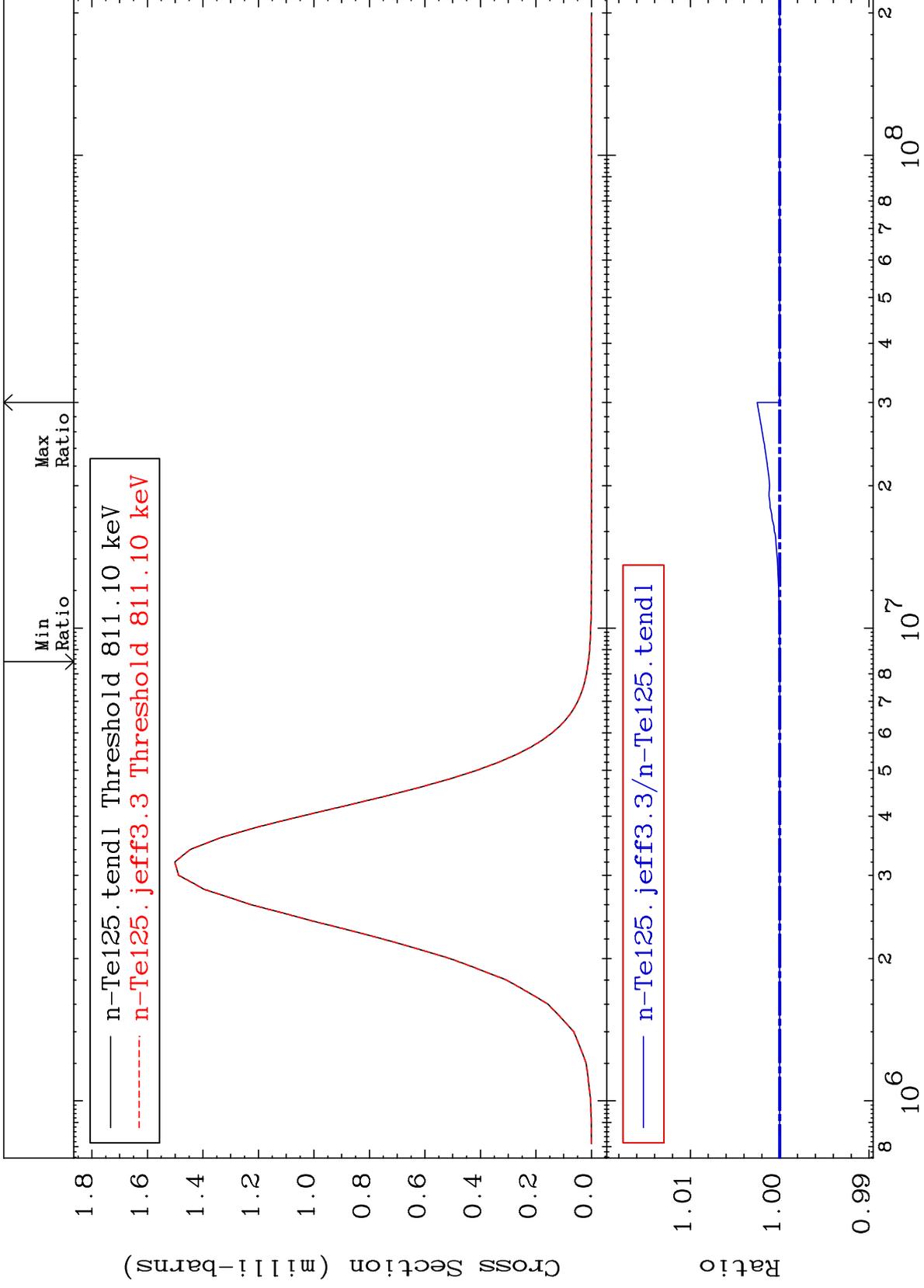
Incident Energy (eV)

52-Te-125

MAT 5240

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

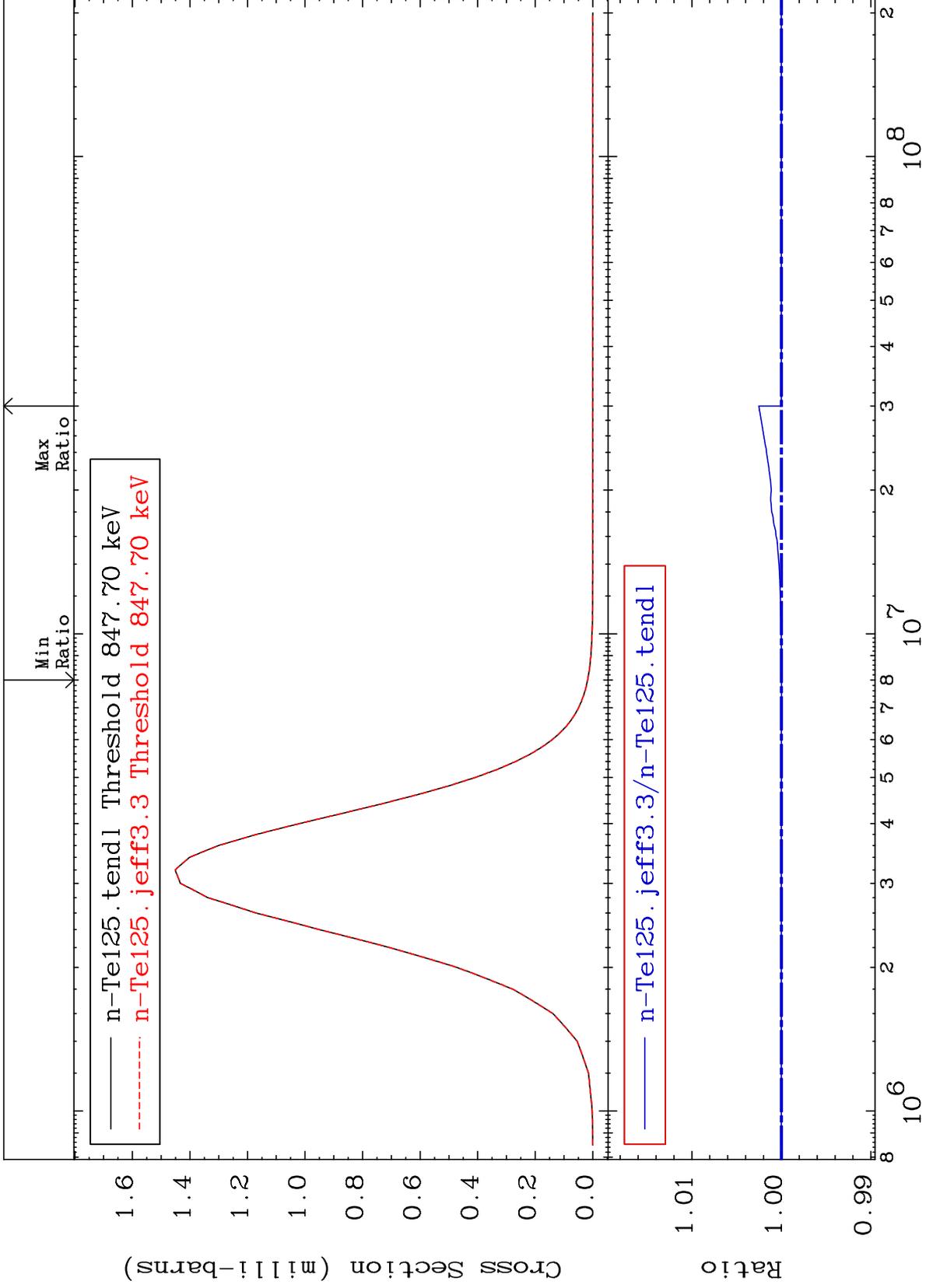
52-Te-125
-0.002 To 0.253 %



MAT 5240

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

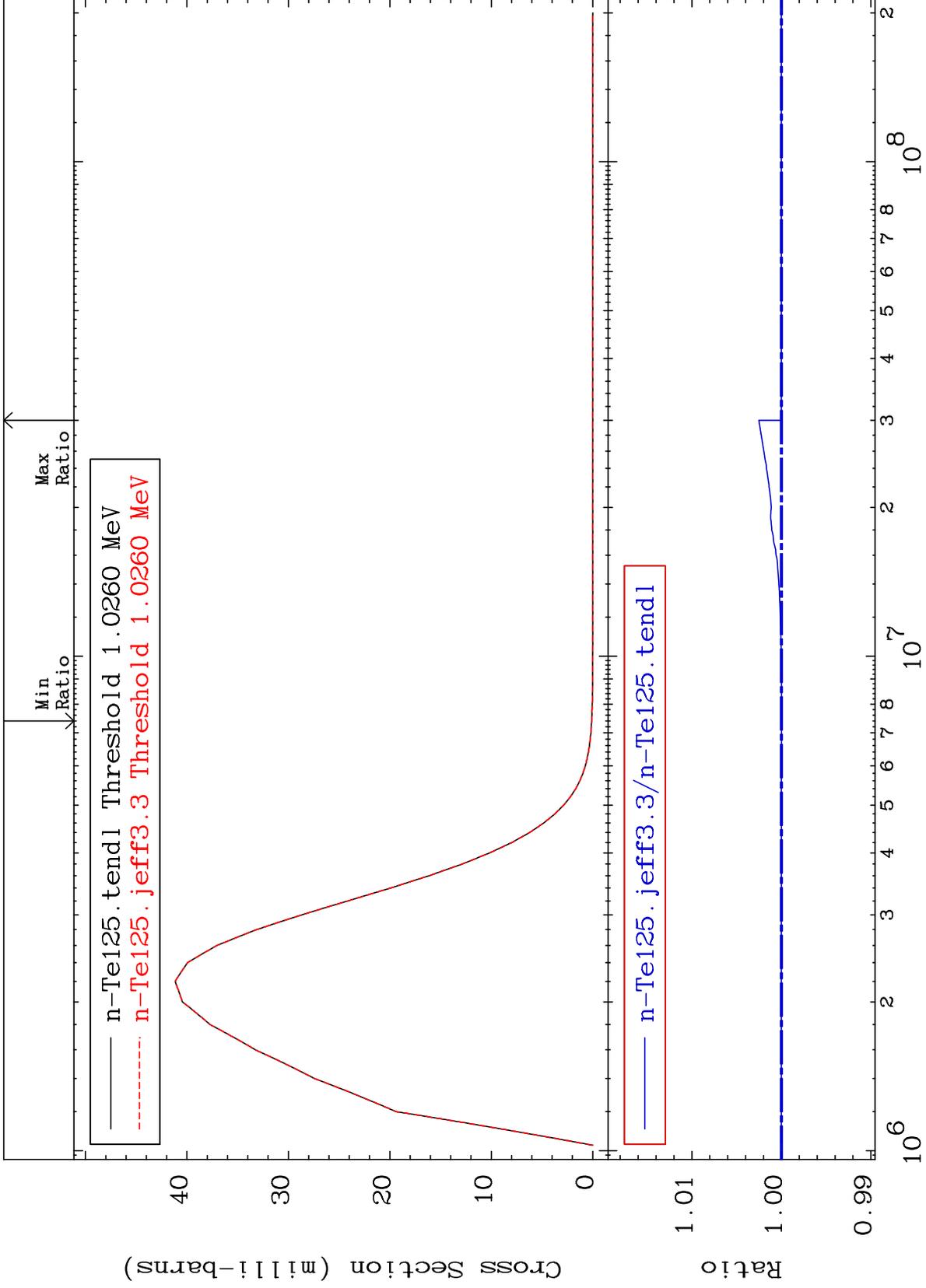
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

52-Te-125
-0.002 To 0.252 %



35

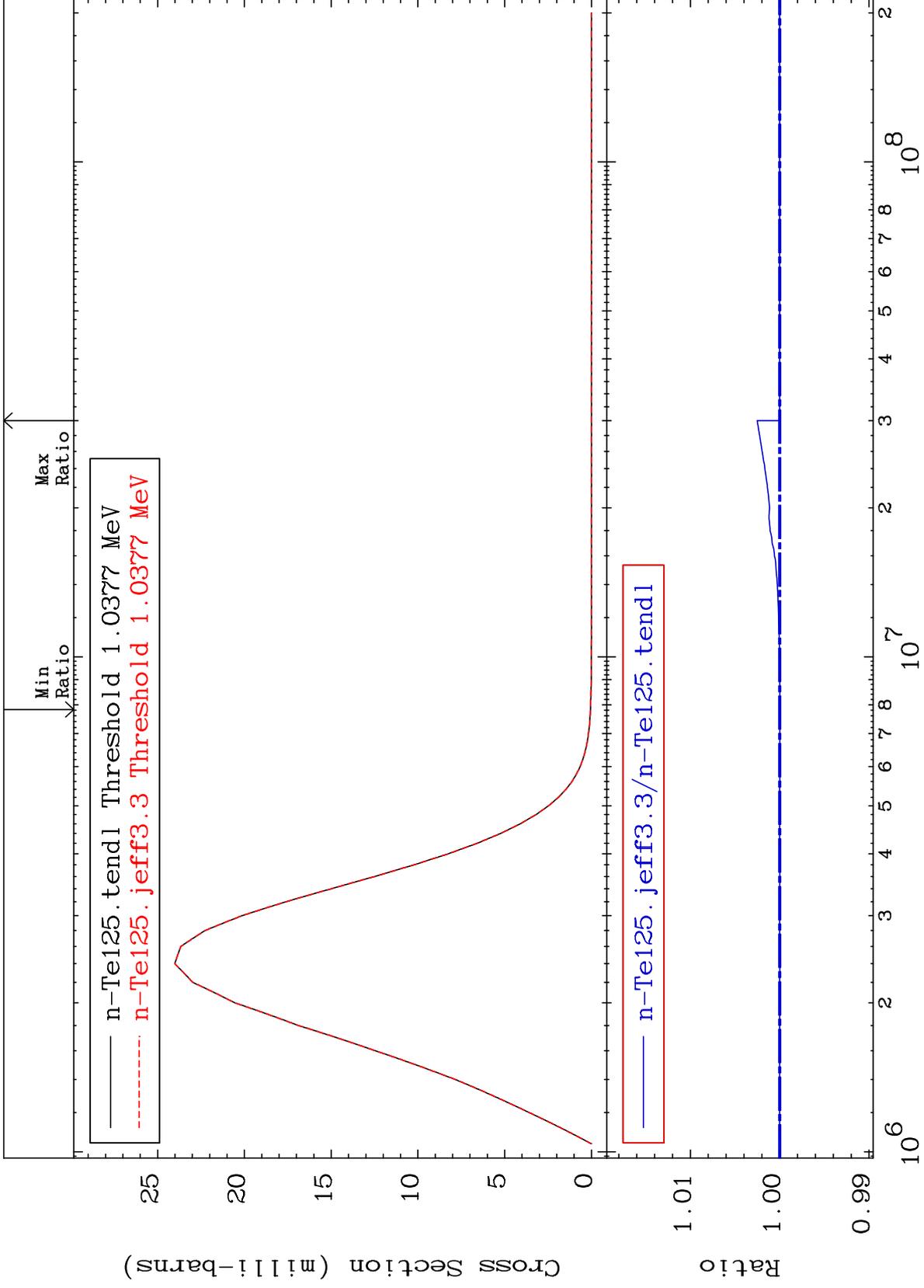
Incident Energy (eV)

52-Te-125

MAT 5240

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

52-Te-125
-0.001 To 0.252 %



36

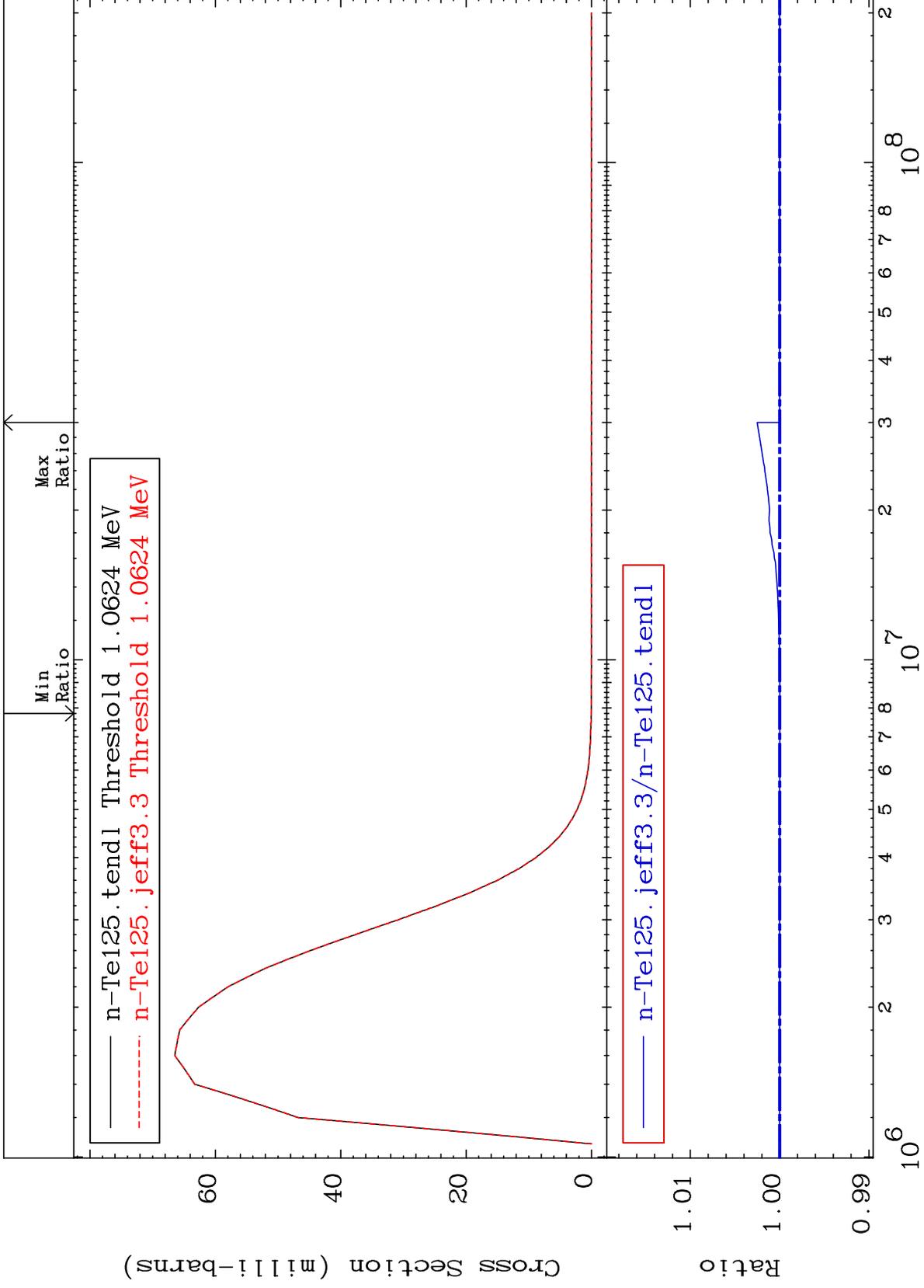
Incident Energy (eV)

52-Te-125

MAT 5240

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

52-Te-125
-0.002 To 0.252 %



37

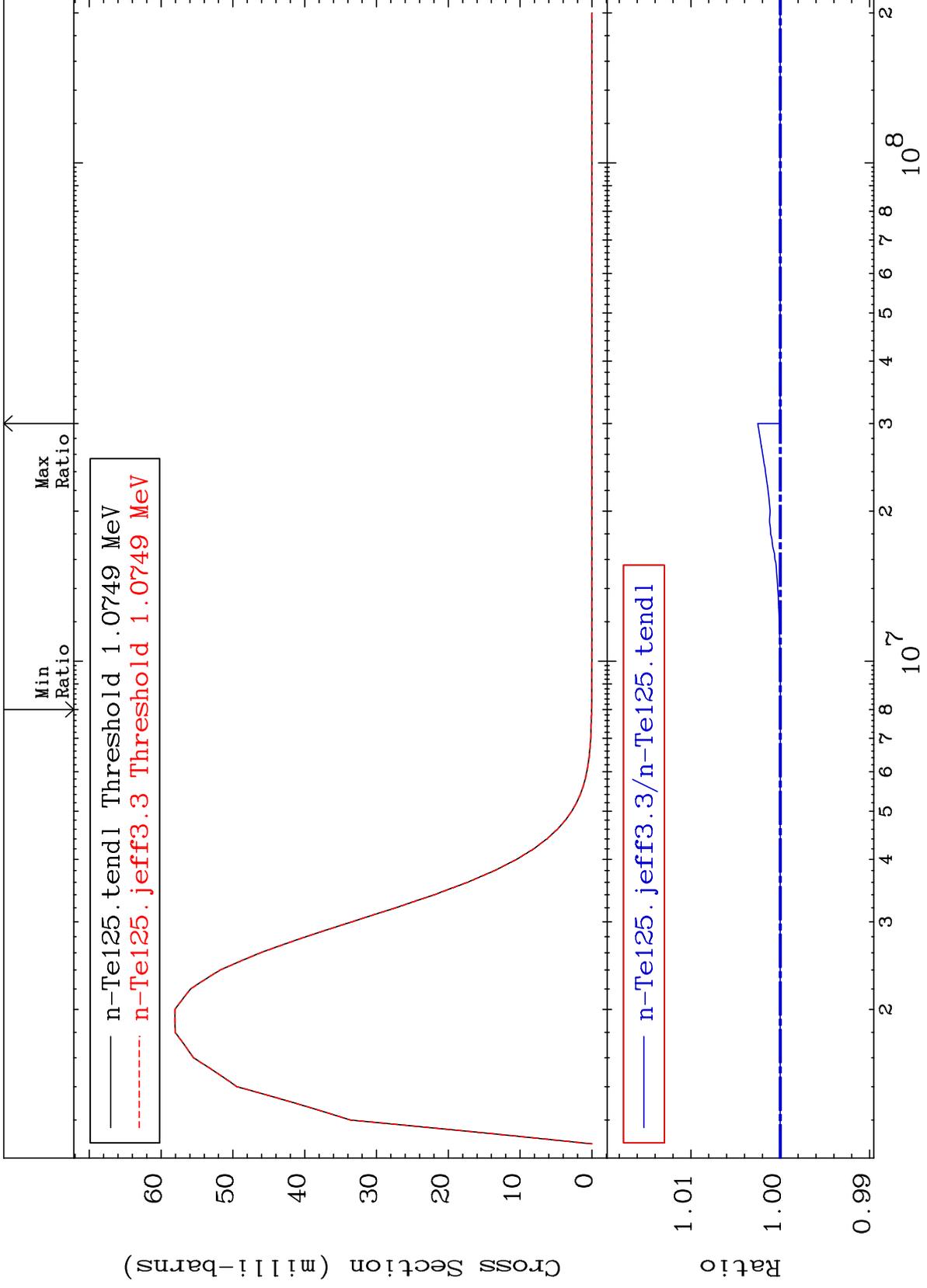
Incident Energy (eV)

52-Te-125

MAT 5240

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

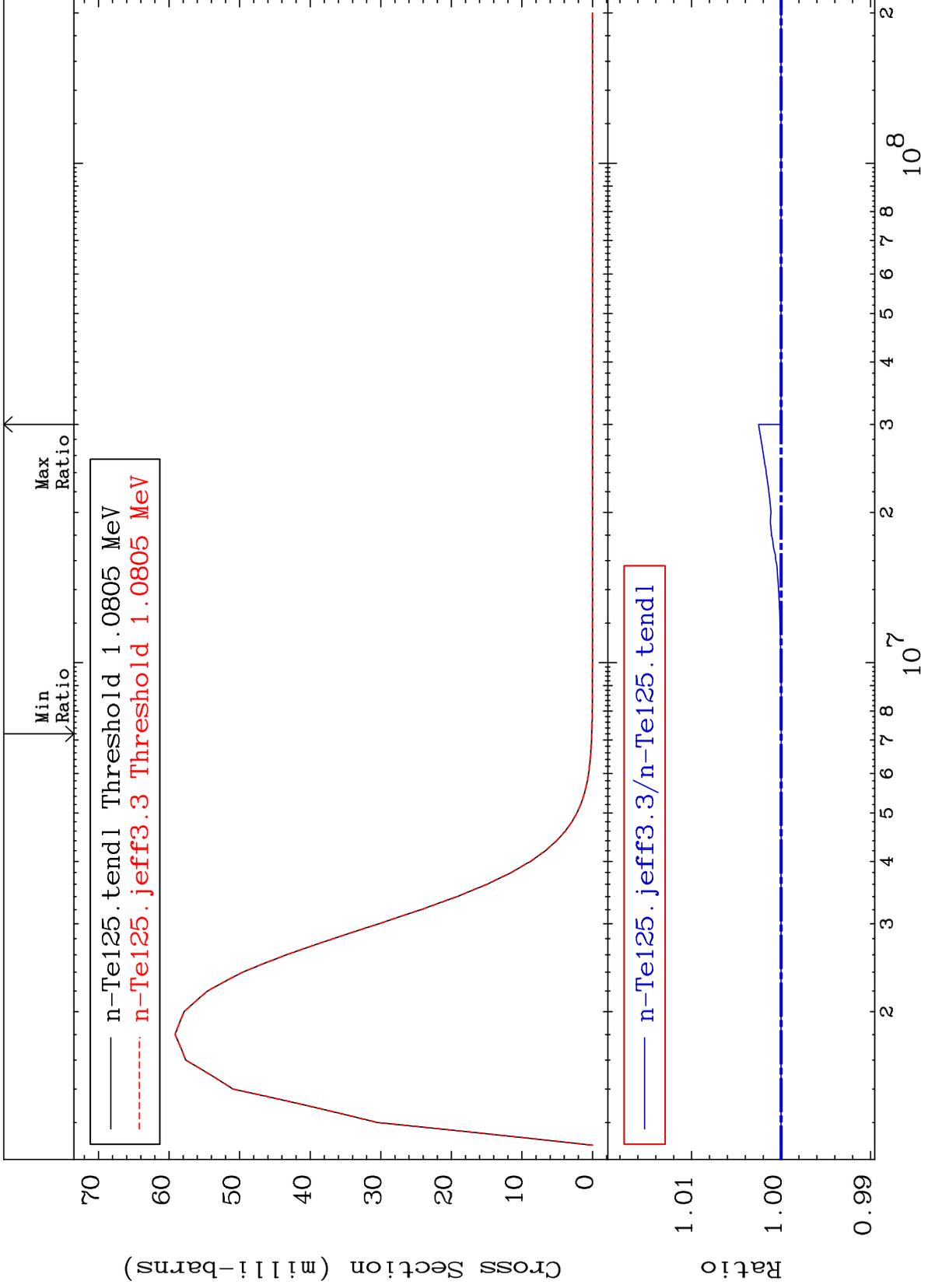
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

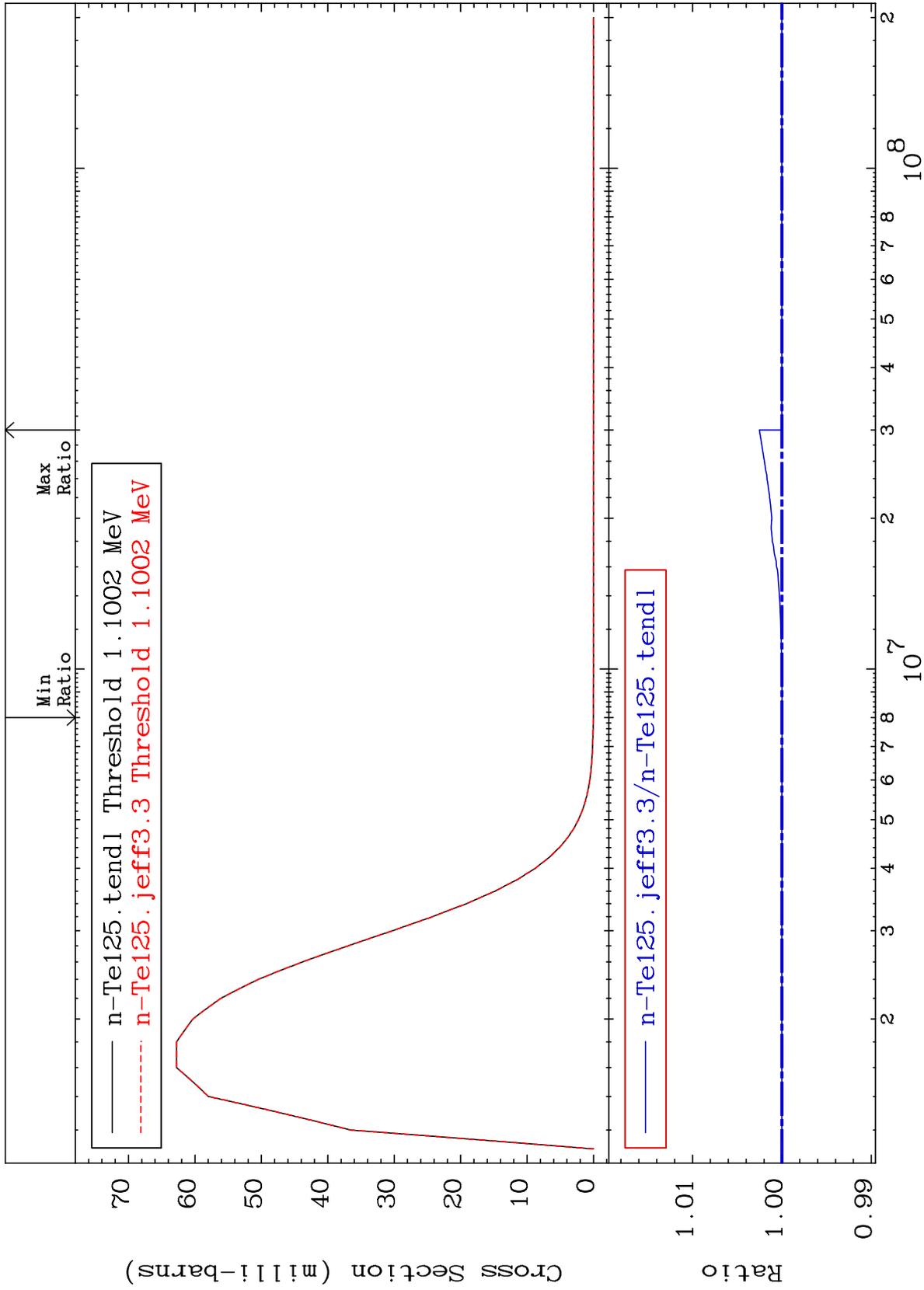
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

52-Te-125
-0.002 To 0.252 %



40

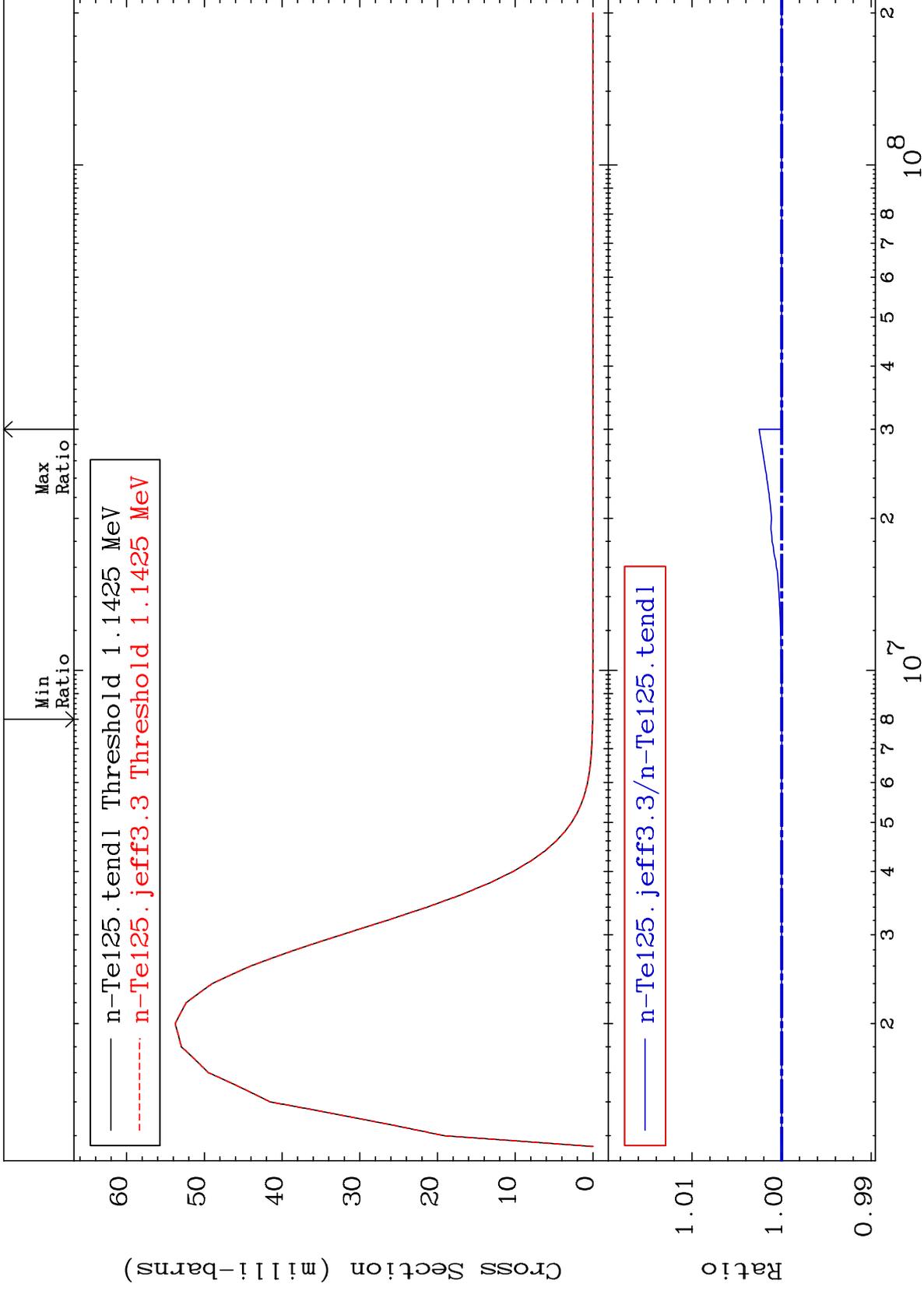
Incident Energy (eV)

52-Te-125

MAT 5240

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

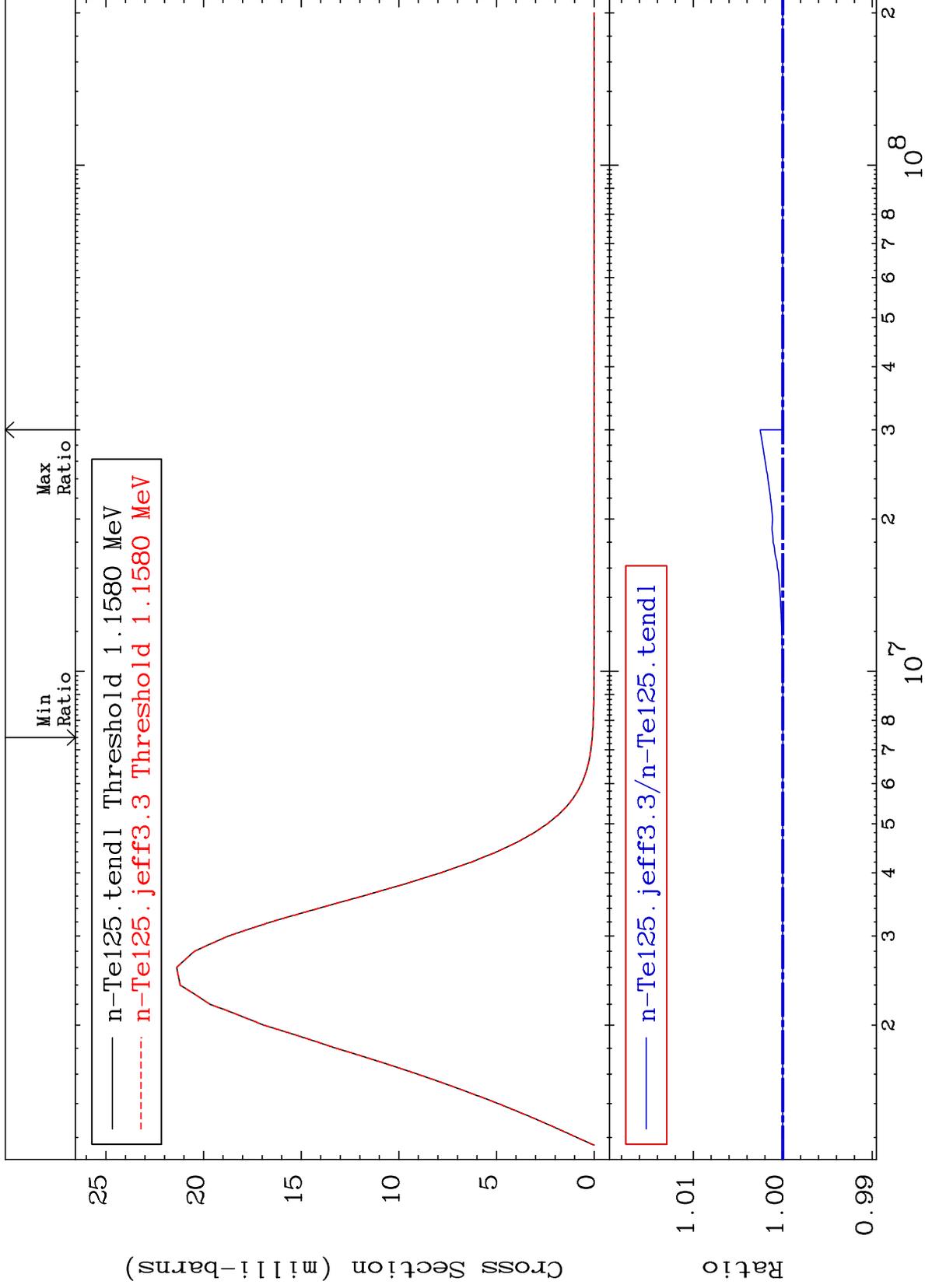
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

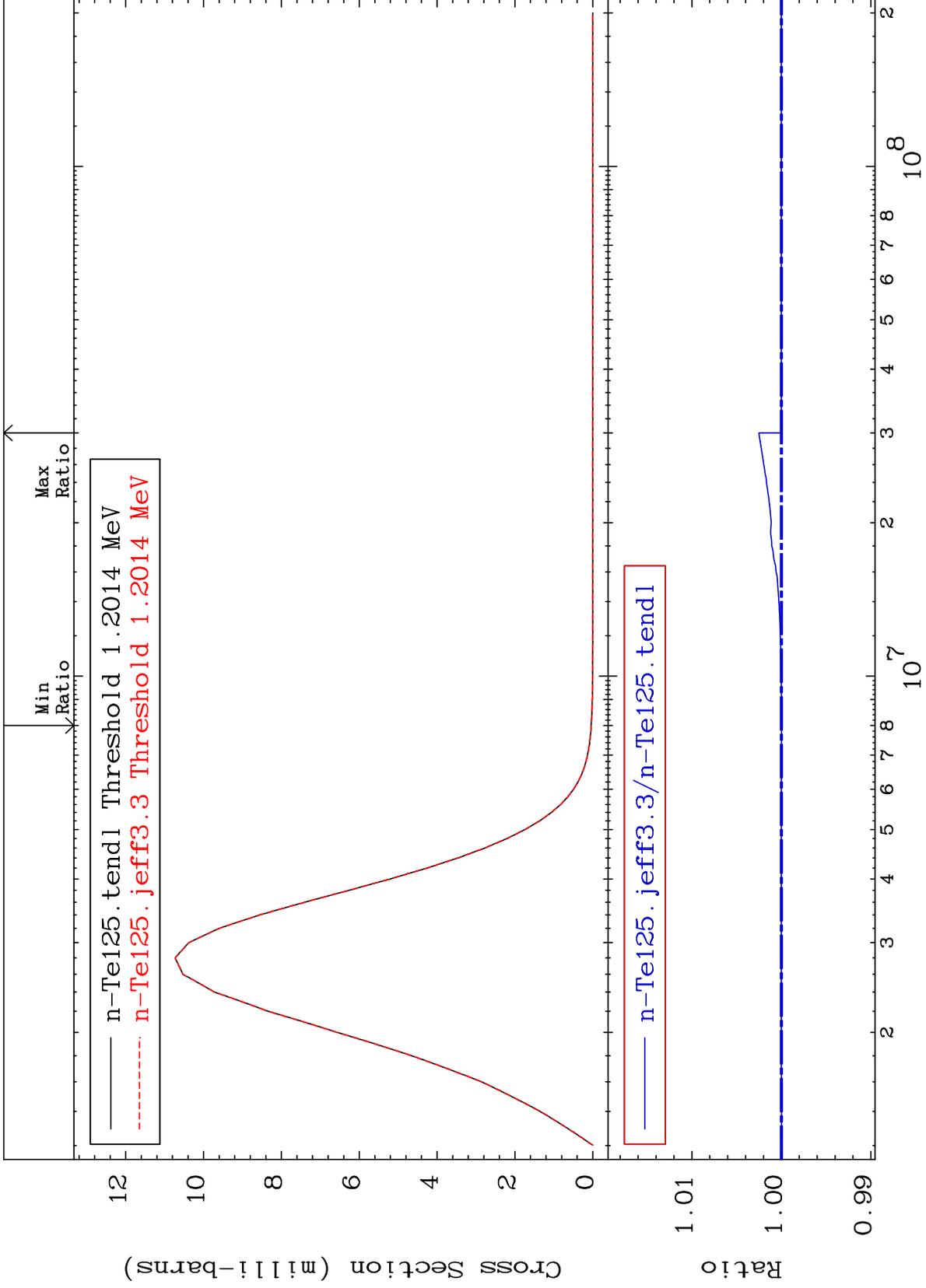
52-Te-125
-0.002 To 0.253 %



MAT 5240

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

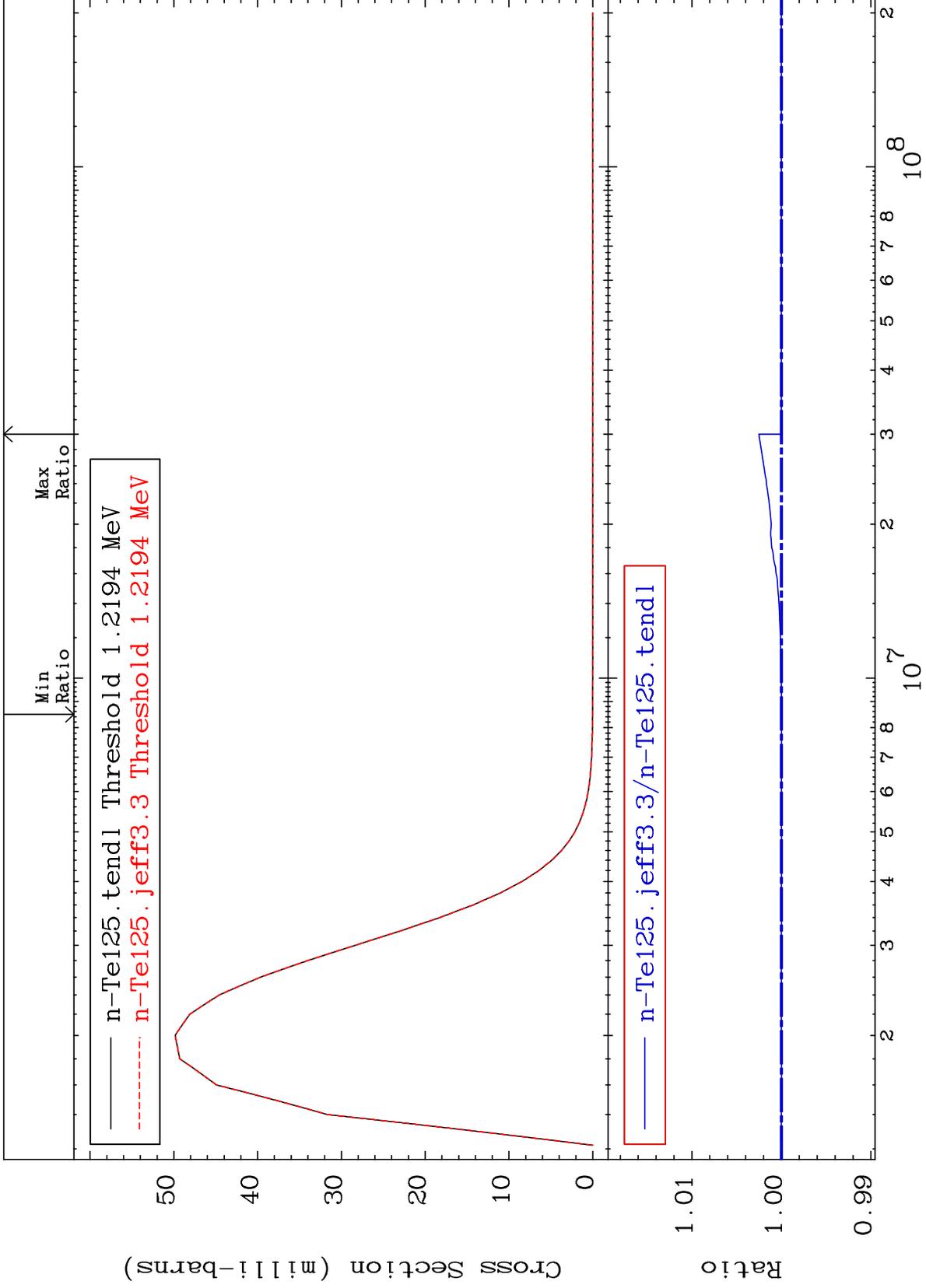
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

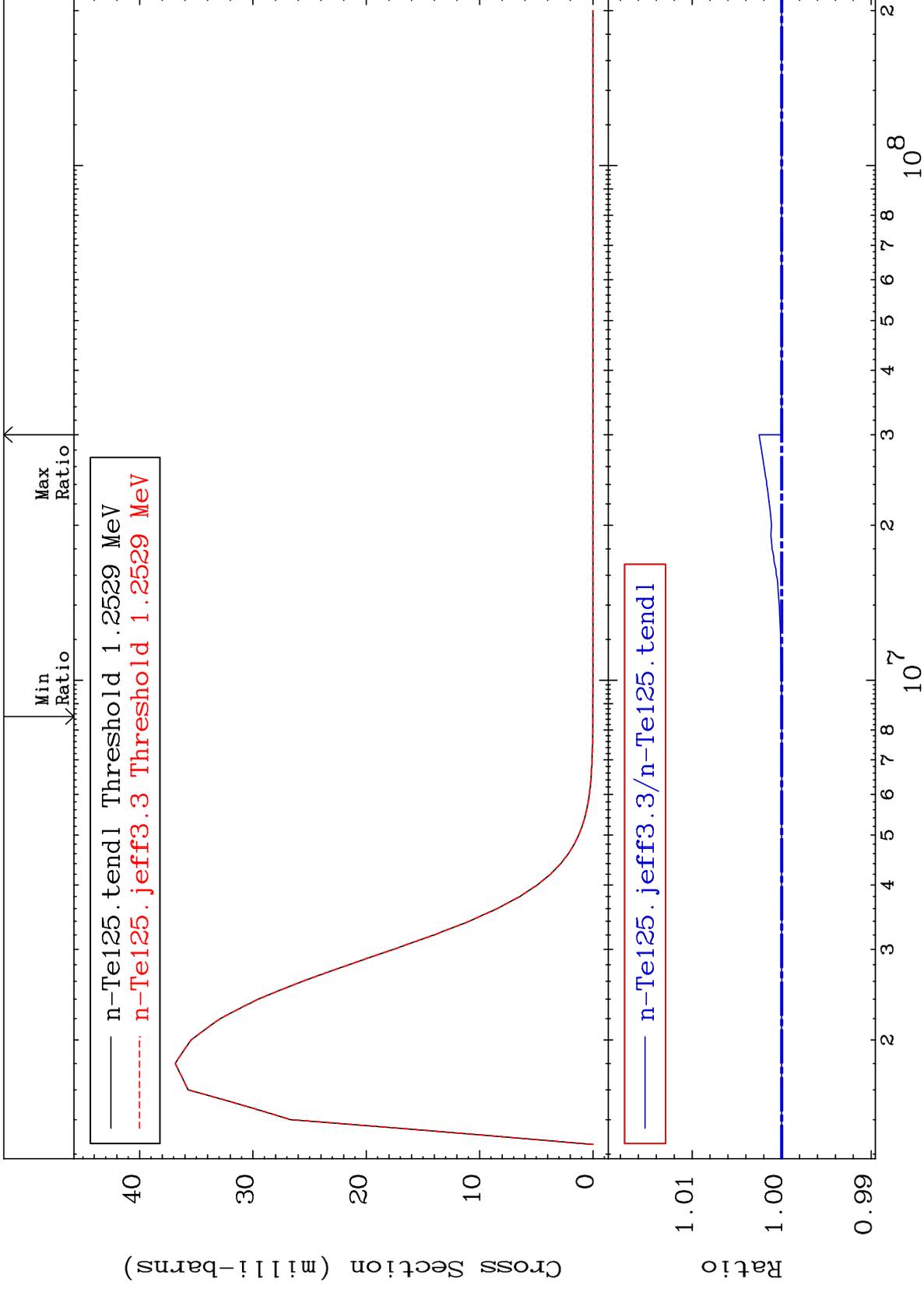
52-Te-125
-0.002 To 0.253 %



MAT 5240

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

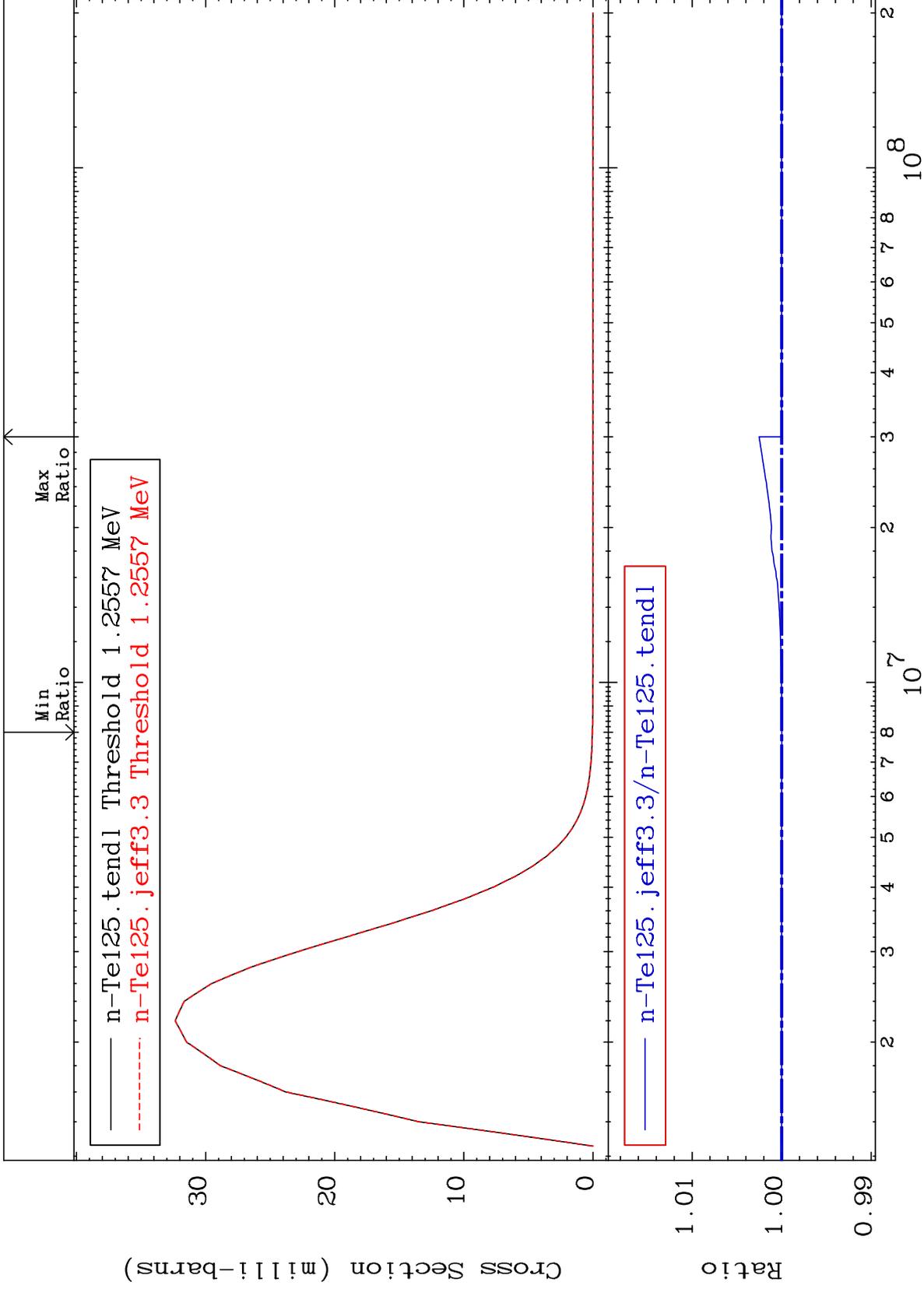
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

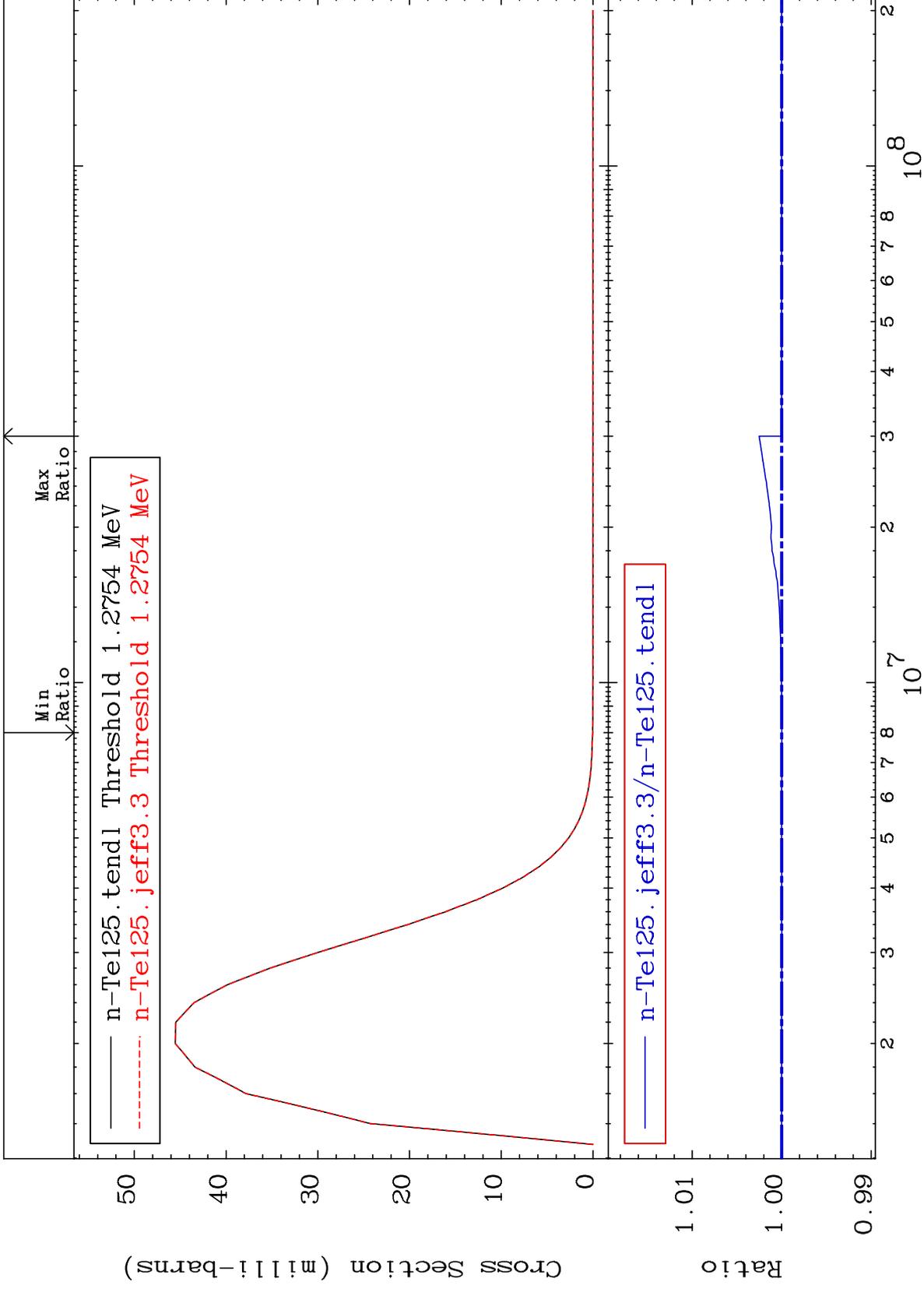
52-Te-125
-0.002 To 0.252 %



MAT 5240

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

52-Te-125
-0.002 To 0.253 %



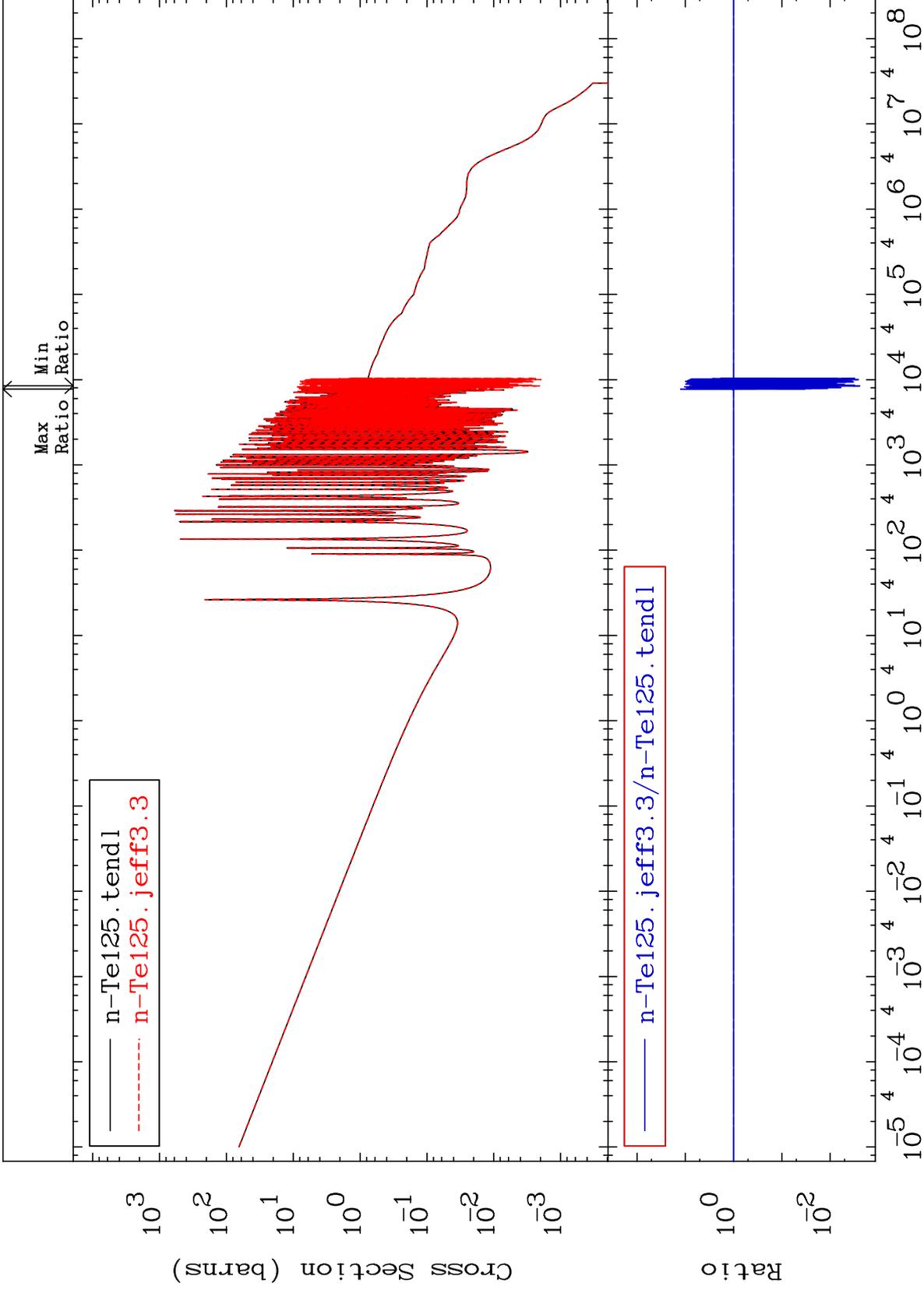
MAT 5240

(n, γ)

52-Te-125

Cross Section

-99.76 To 1151. %



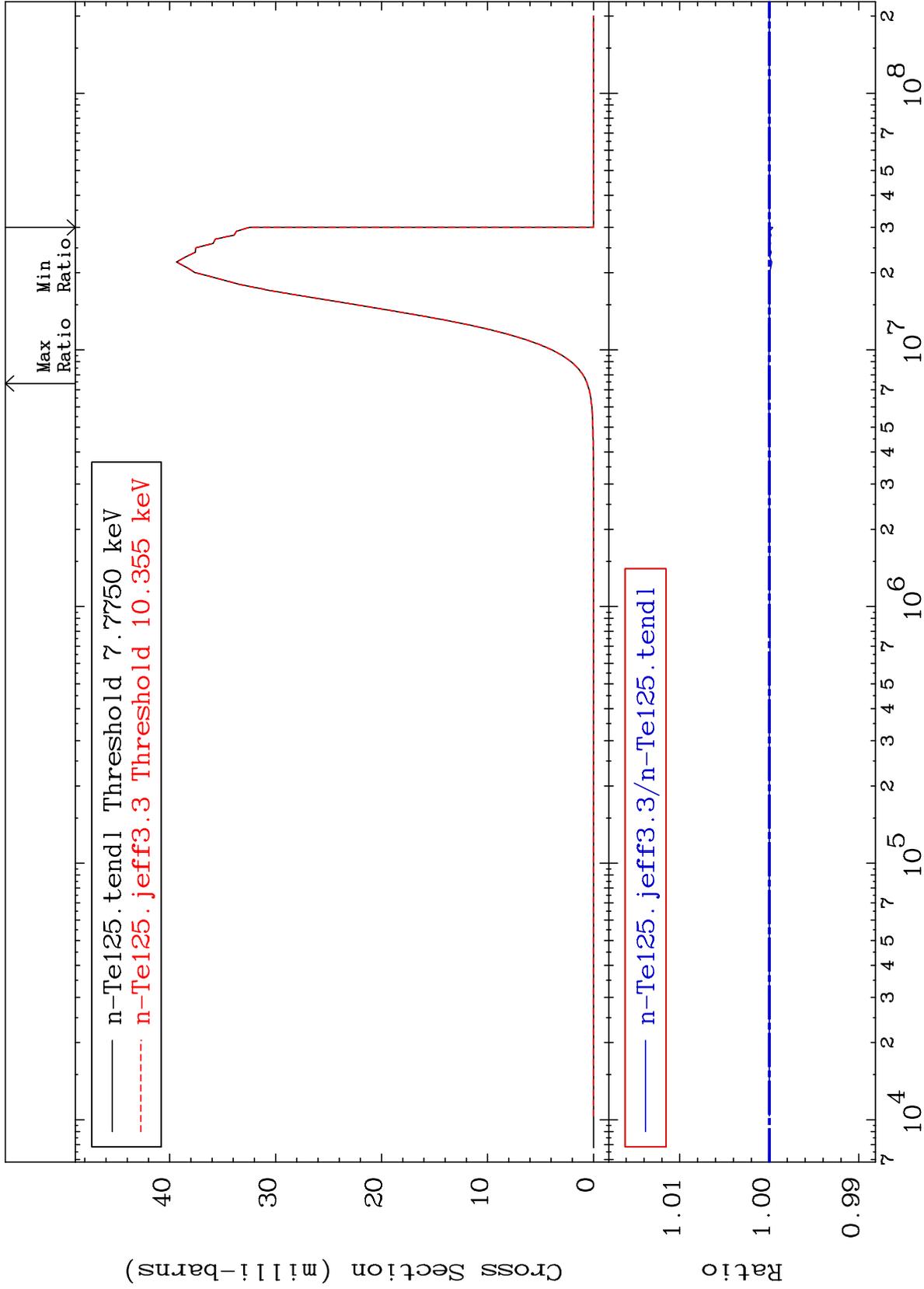
MAT 5240

(n,p)

52-Te-125

Cross Section

-0.038 To 0.007 %



49

Incident Energy (eV)

52-Te-125

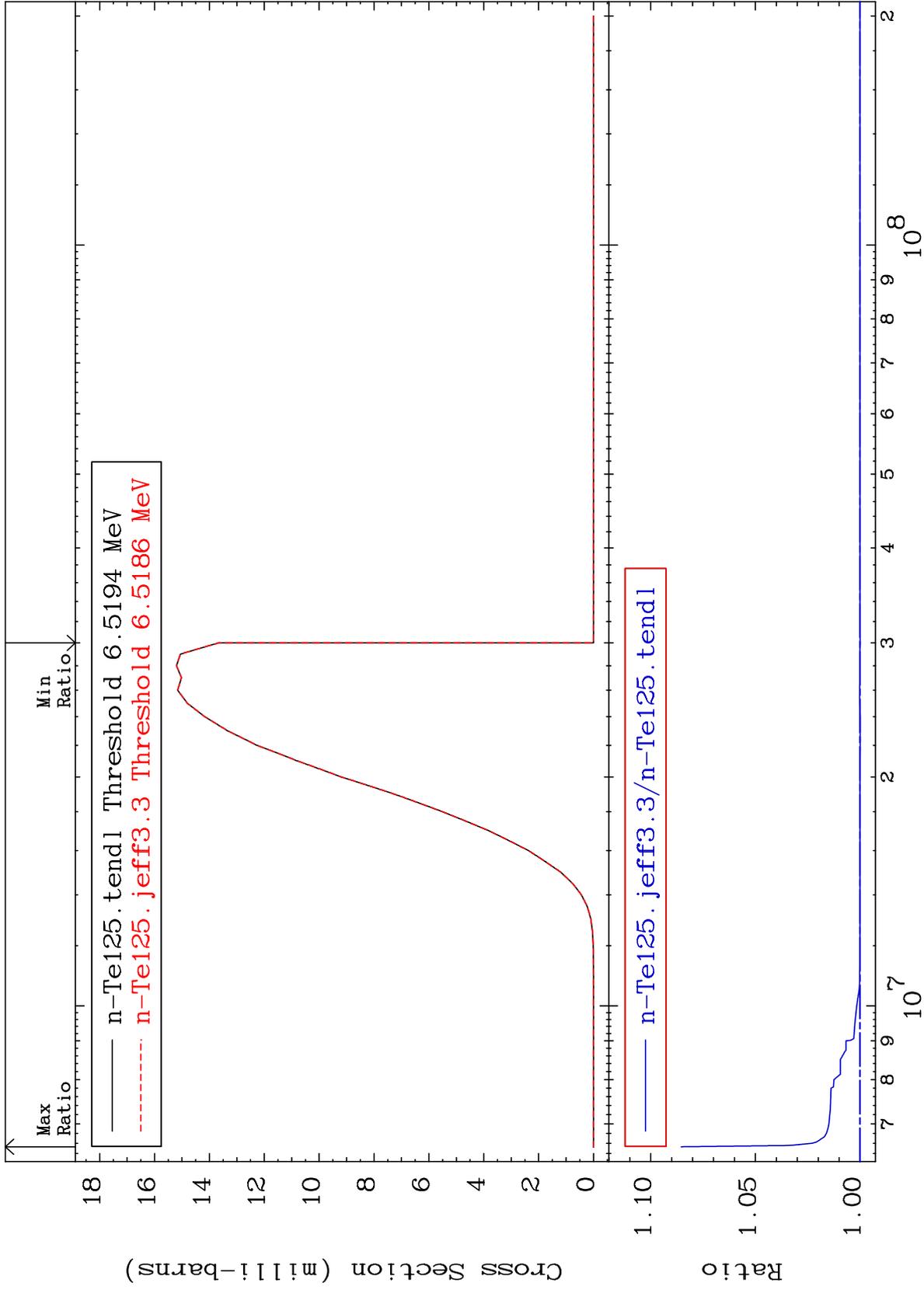
MAT 5240

(n, d)

52-Te-125

Cross Section

-0.007 To 8.546 %



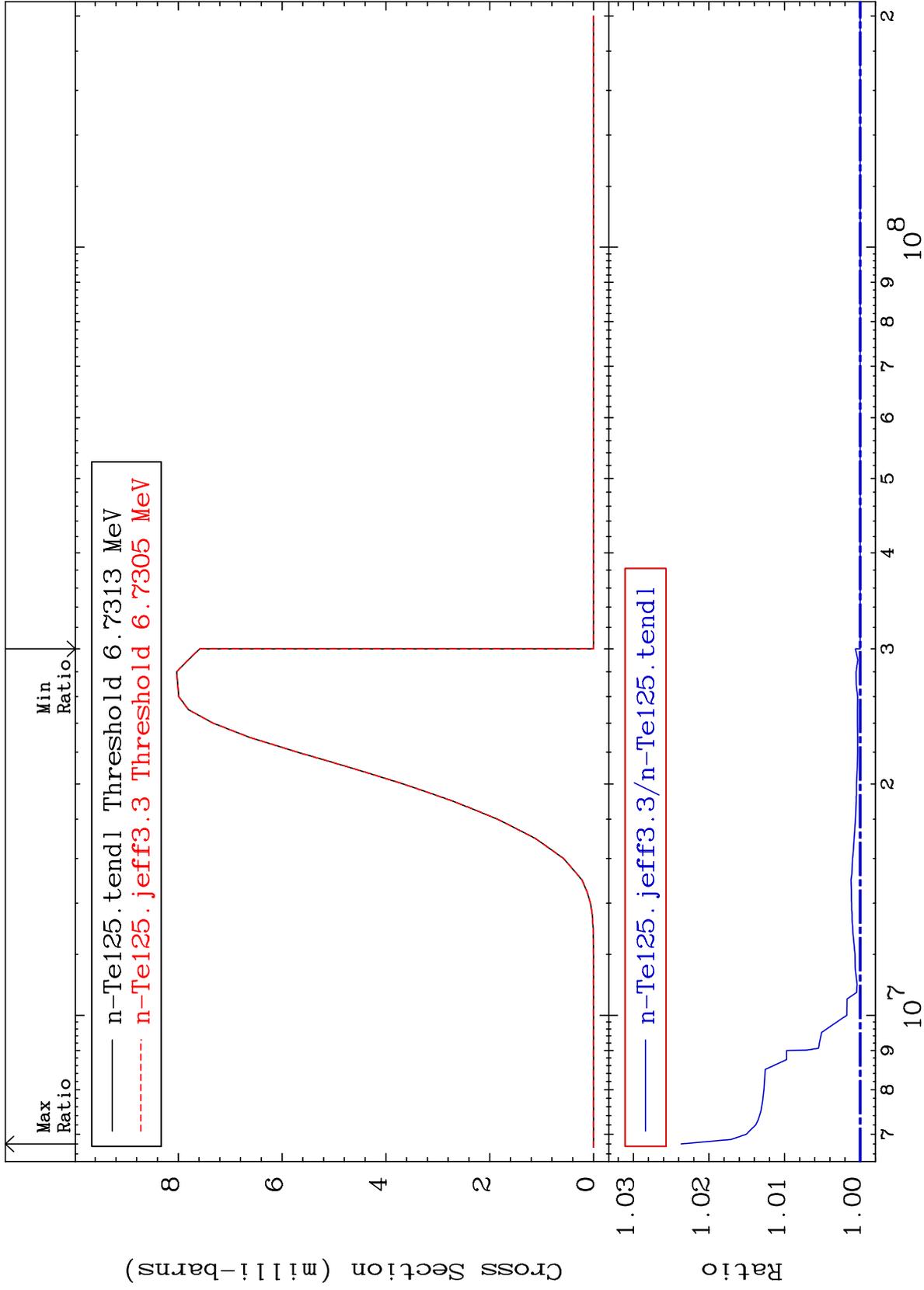
50

Incident Energy (eV)

52-Te-125

MAT 5240

(n, t)
Cross Section
52-Te-125
0.000 To 2.367 %



51

Incident Energy (eV)

52-Te-125

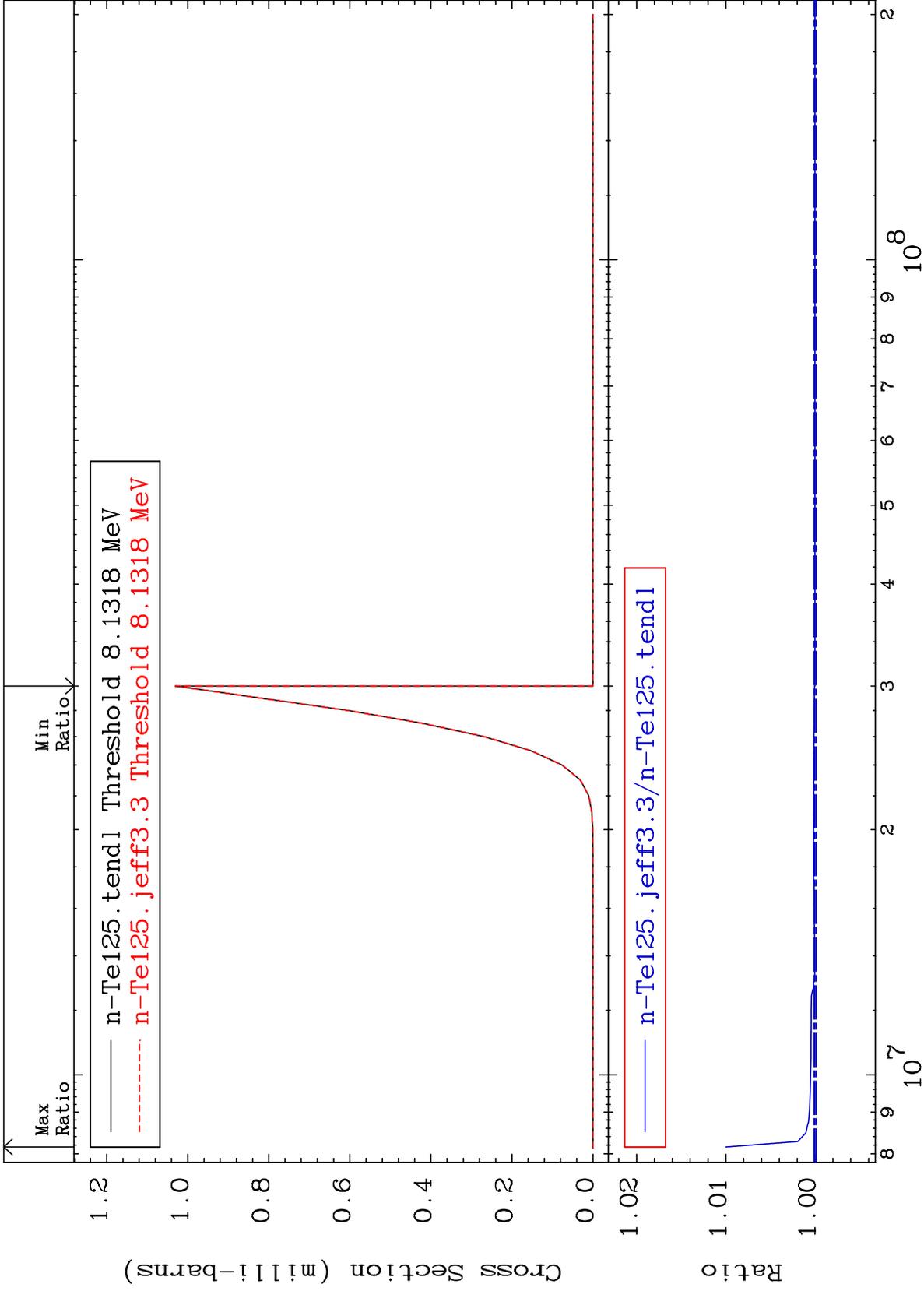
MAT 5240

(n, He-3)

52-Te-125

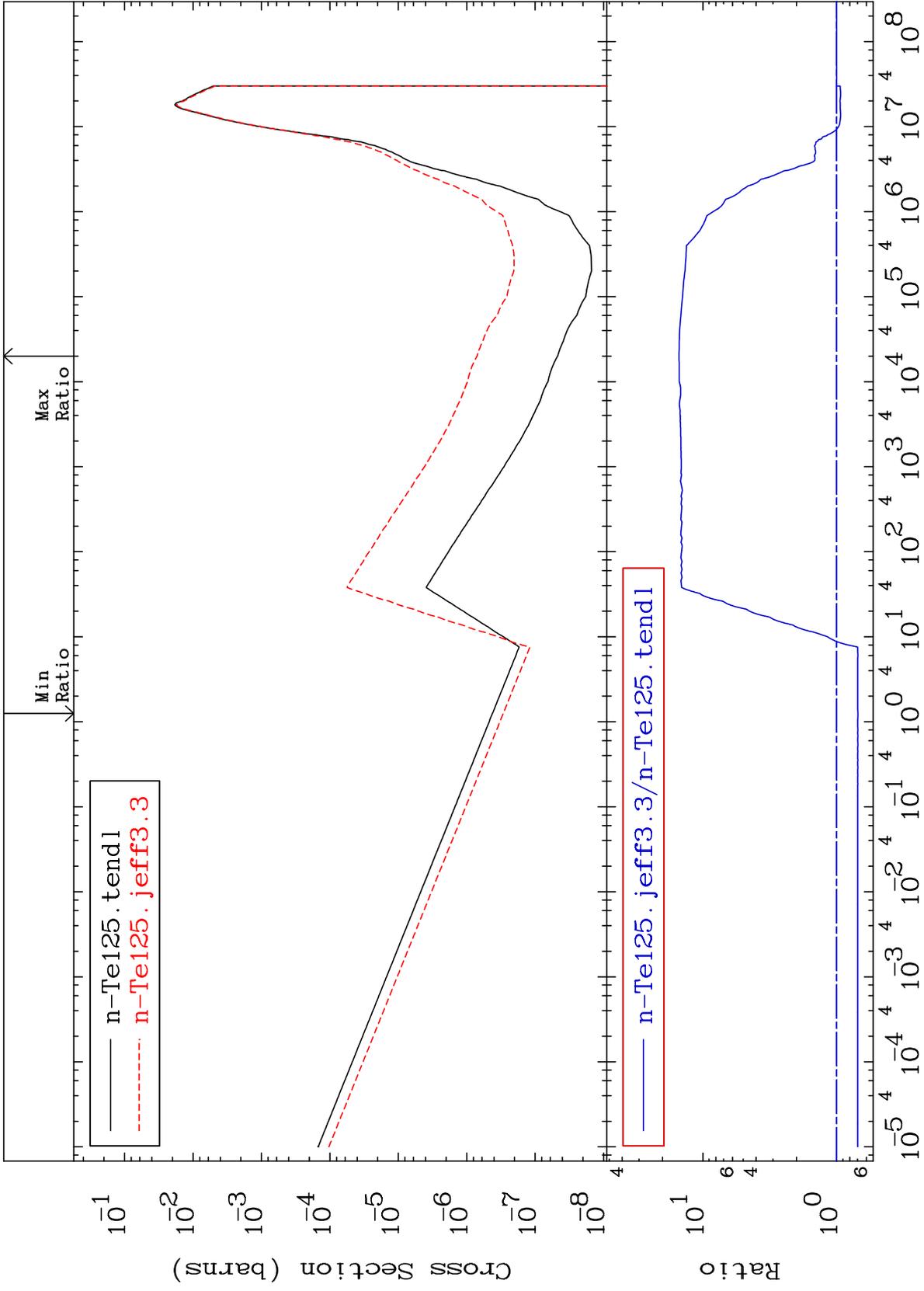
Cross Section

0.000 To 1.000 %



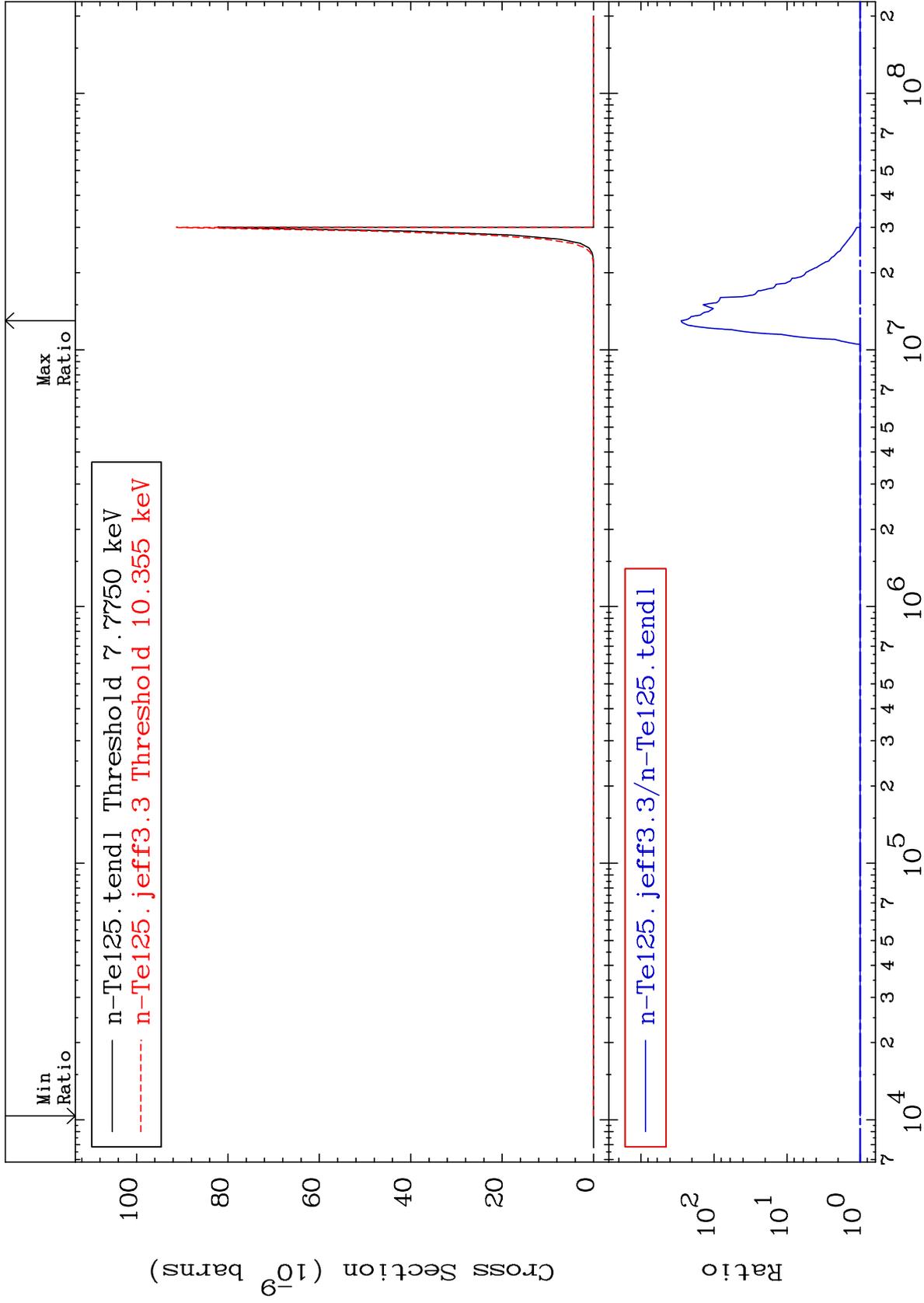
MAT 5240

(n, α)
Cross Section
52-Te-125
-30.50 To 1406. %



Cross Section

0.000 To 9999. %



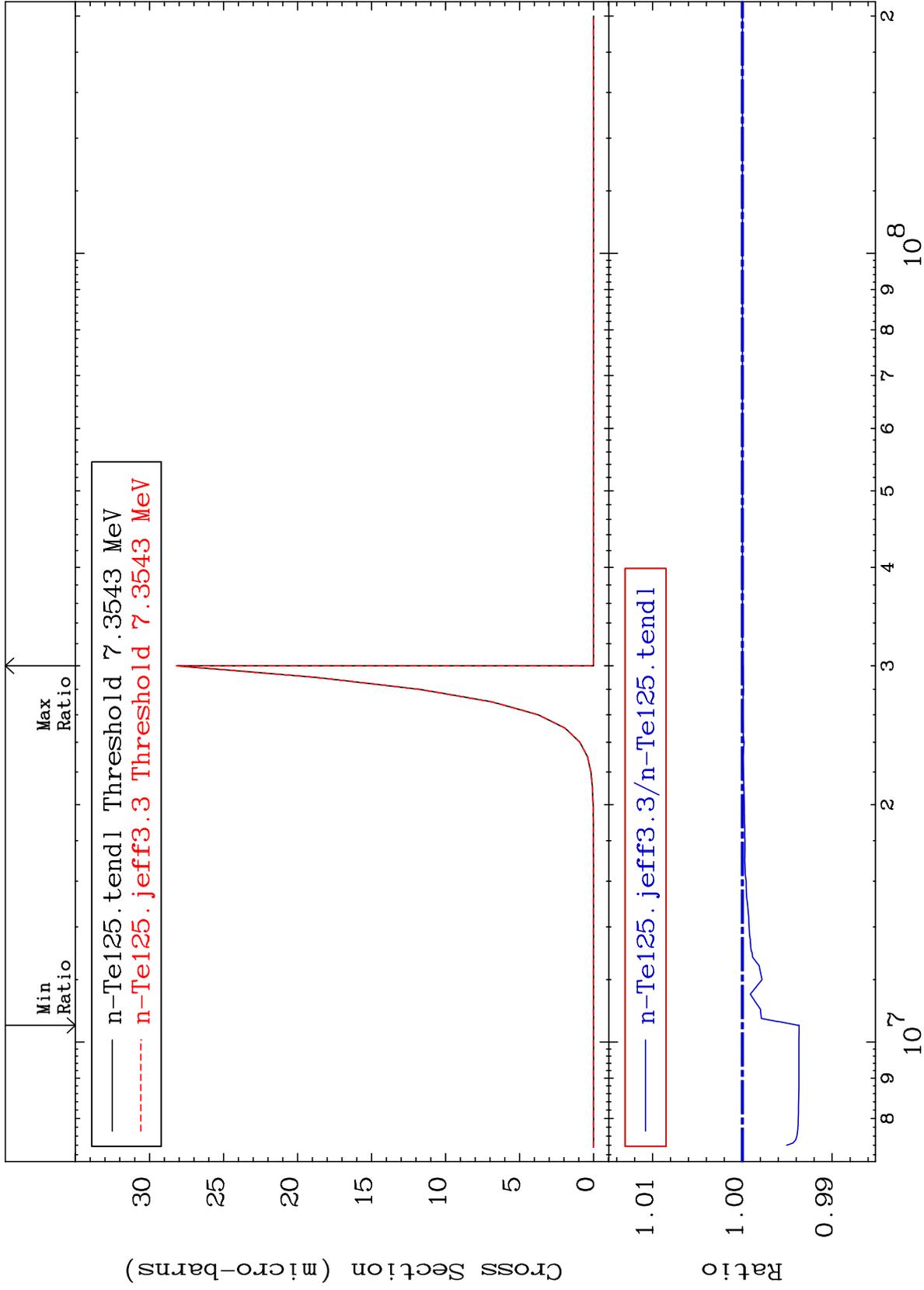
MAT 5240

(n,2p)

52-Te-125

Cross Section

-0.632 To 0.000 %



55

Incident Energy (eV)

52-Te-125

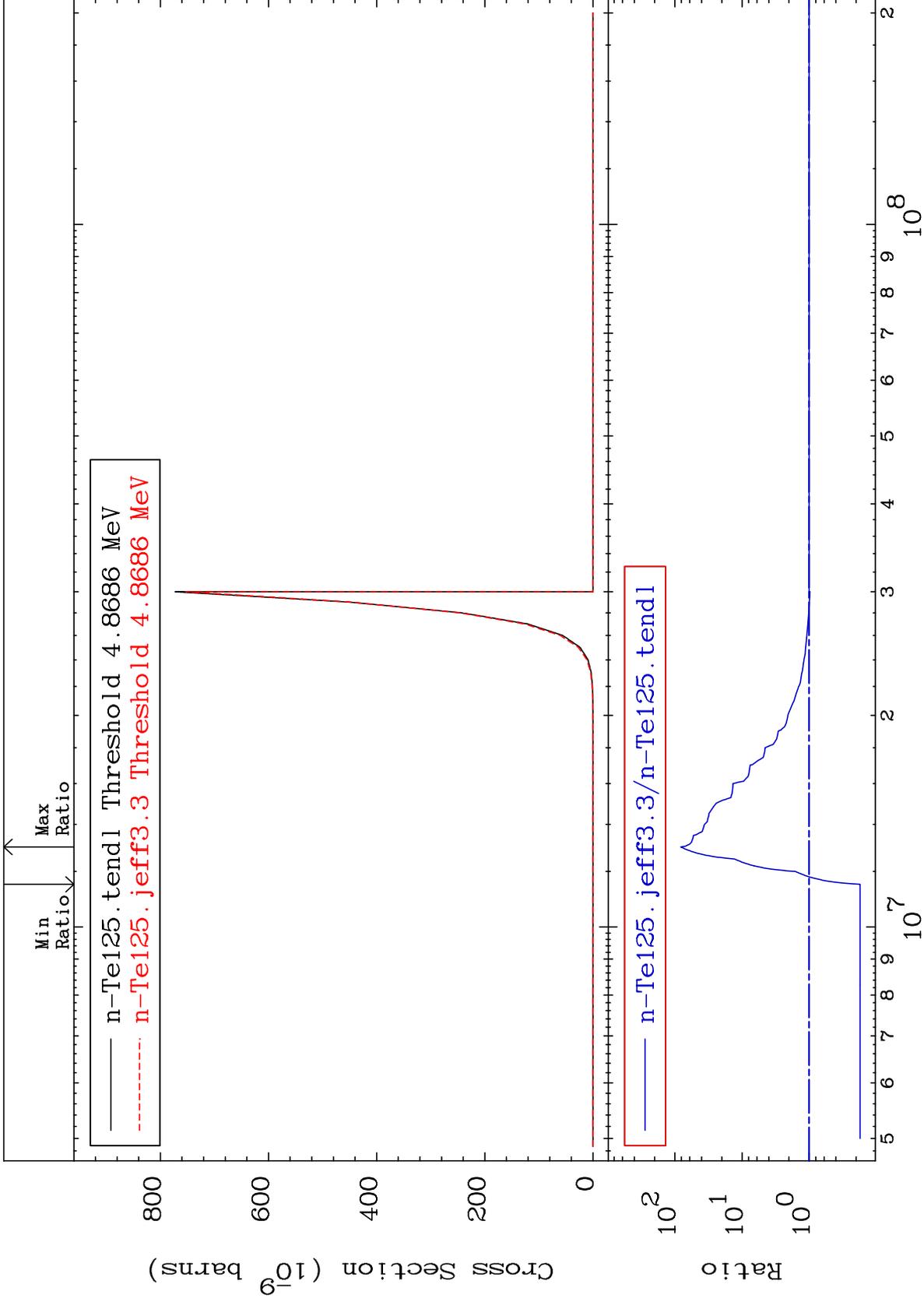
MAT 5240

(n, p) α

52-Te-125

Cross Section

-82.51 To 8055. %



56

Incident Energy (eV)

52-Te-125

MAT 5240

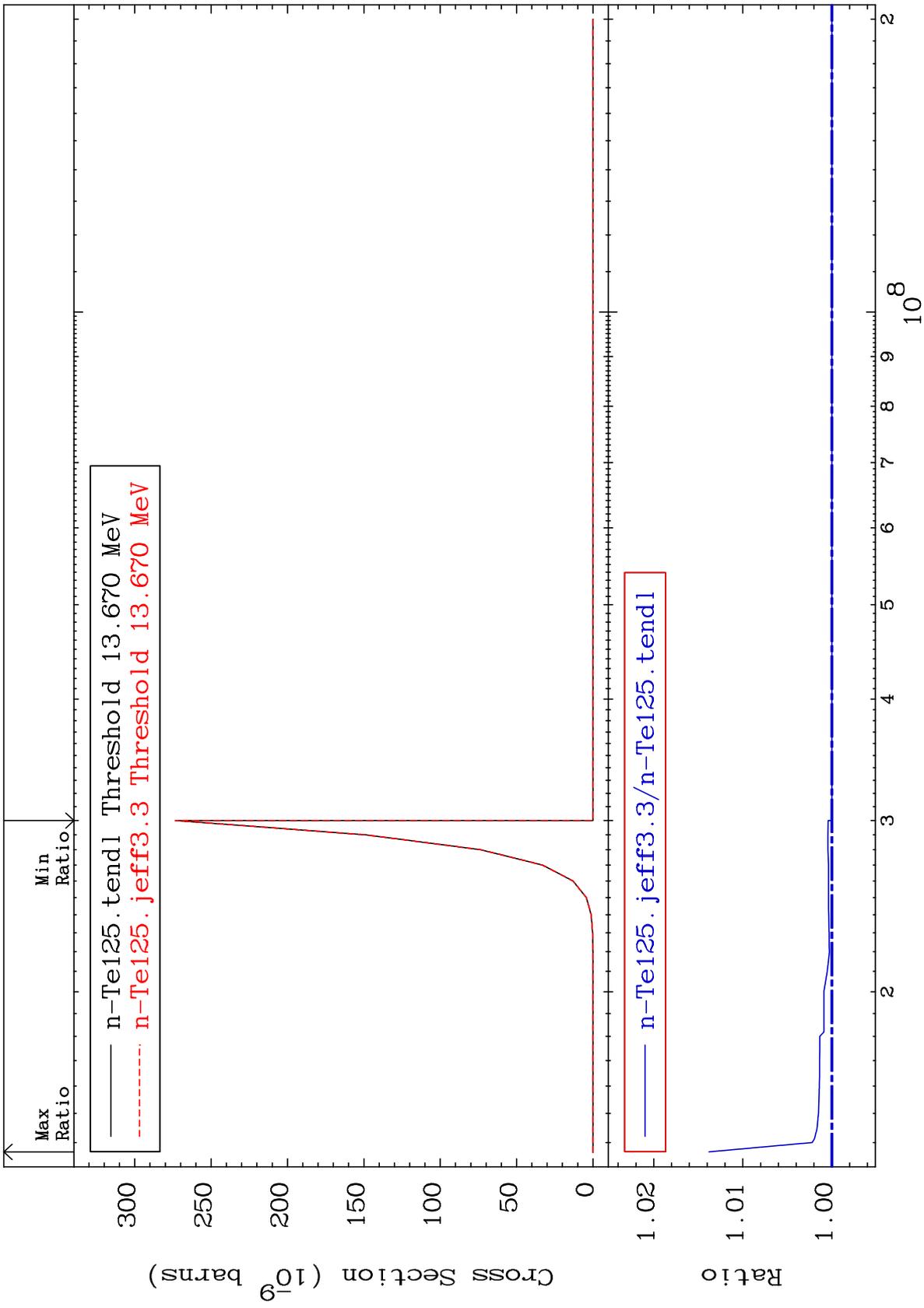
(n,p) d

52-Te-125

Cross Section

0.000

To 1.380 %



MAT 5240

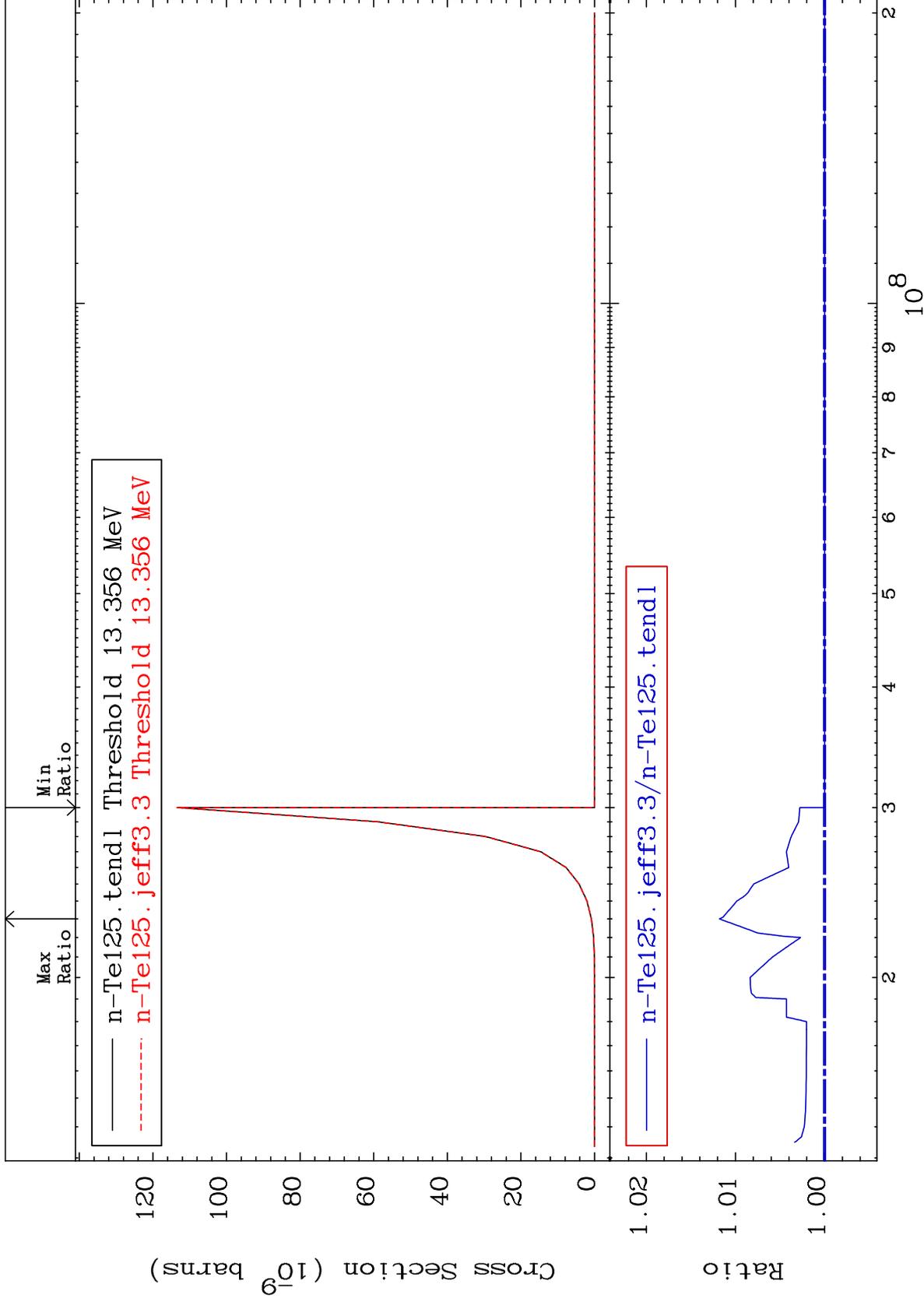
(n, p) t

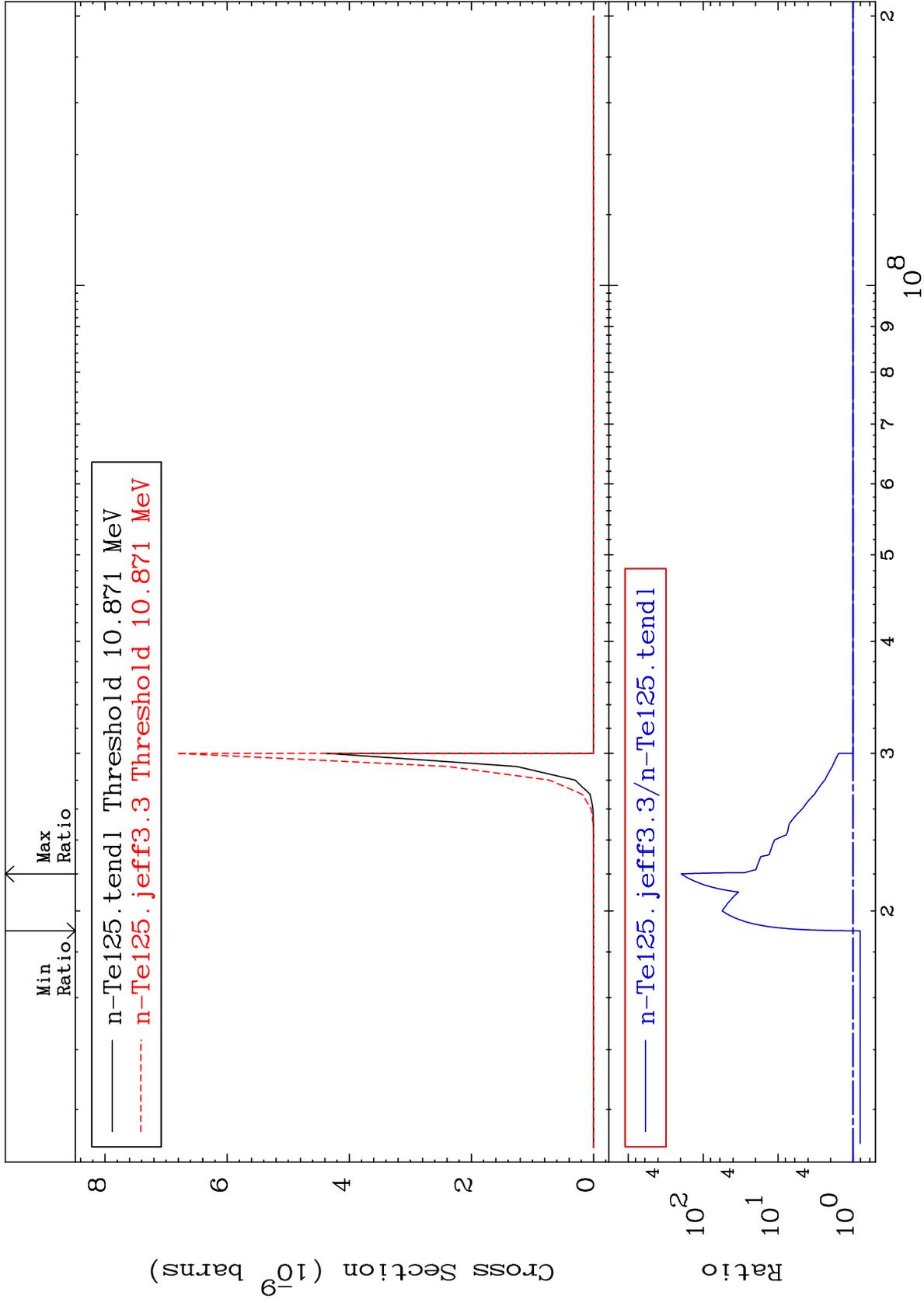
52-Te-125

Cross Section

0.000

To 1.181 %

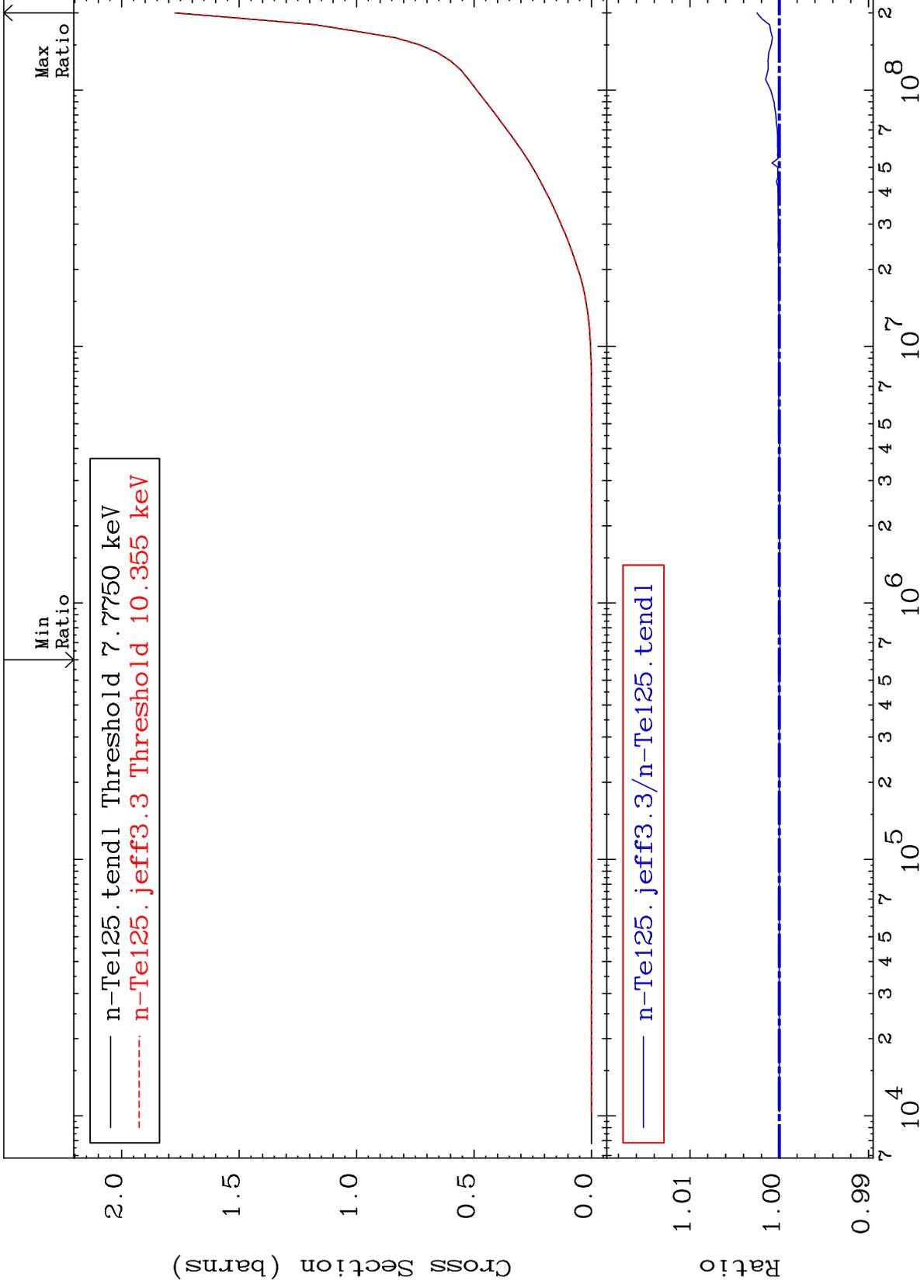




MAT 5240

Hydrogen Production
Cross Section

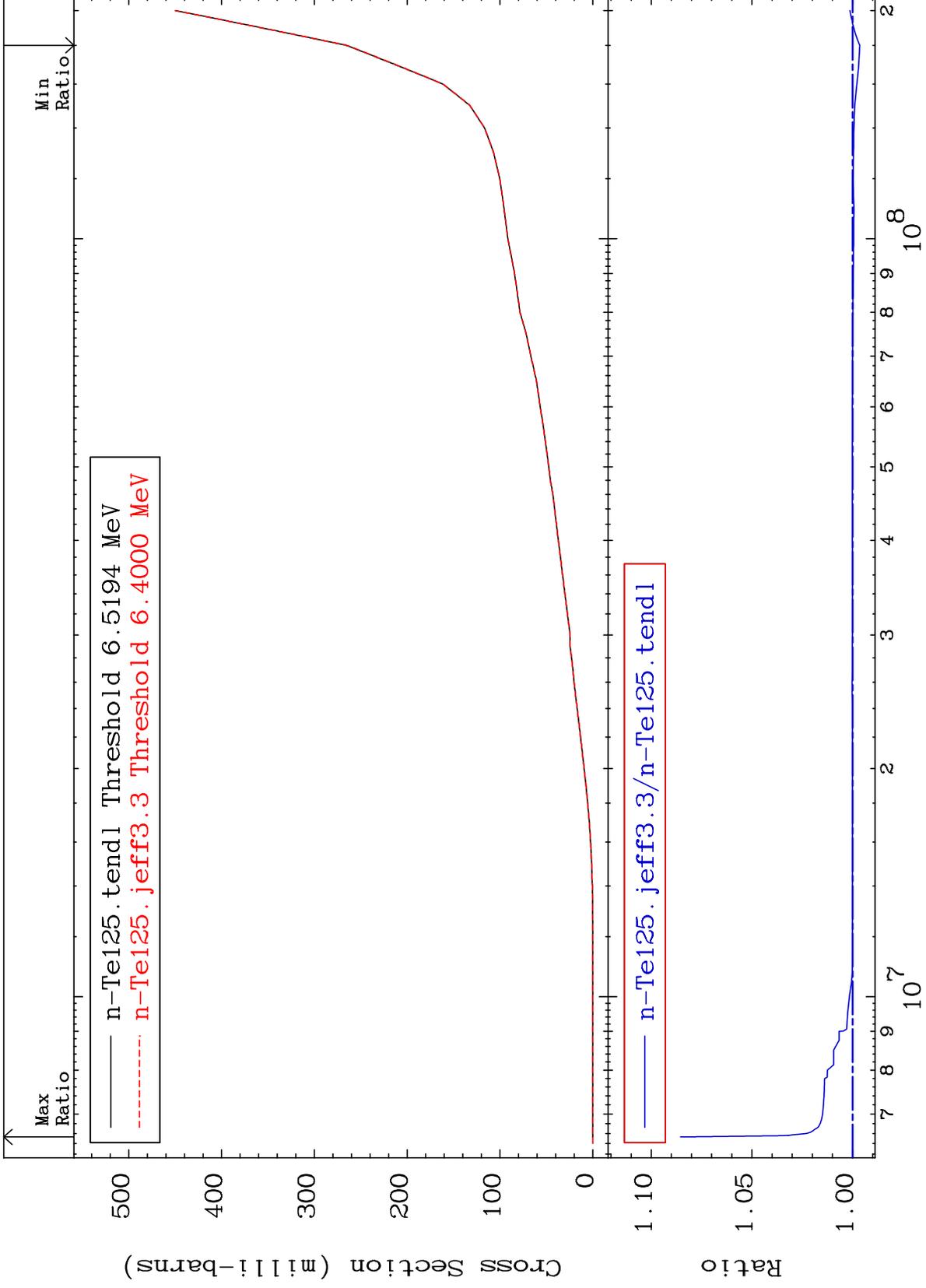
52-Te-125
-0.008 To 0.250 %



MAT 5240

Deuterium Production
Cross Section

52-Te-125
-0.356 To 8.546 %



61

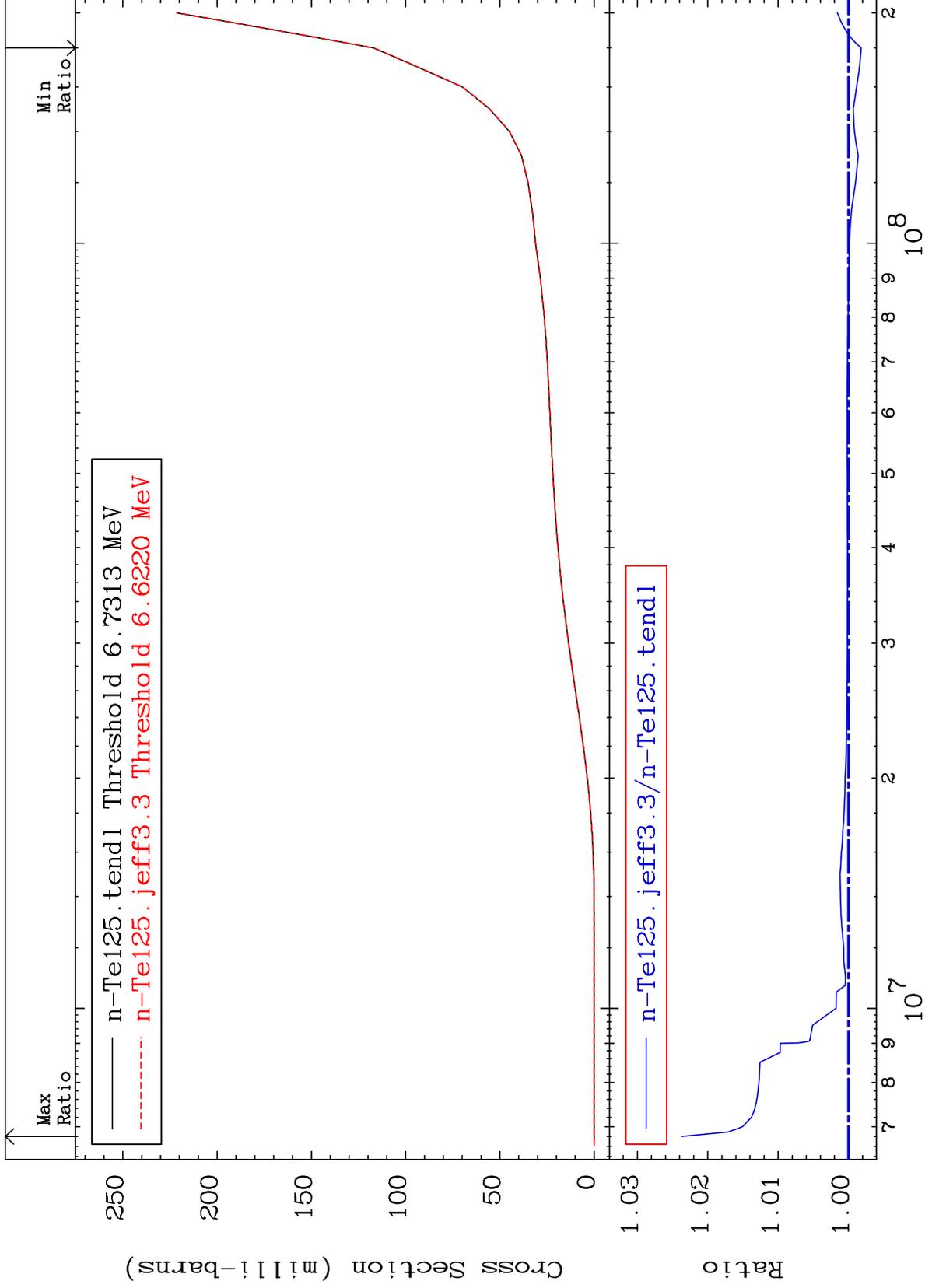
Incident Energy (eV)

52-Te-125

MAT 5240

Tritium Production
Cross Section

52-Te-125
-0.179 To 2.367 %



62

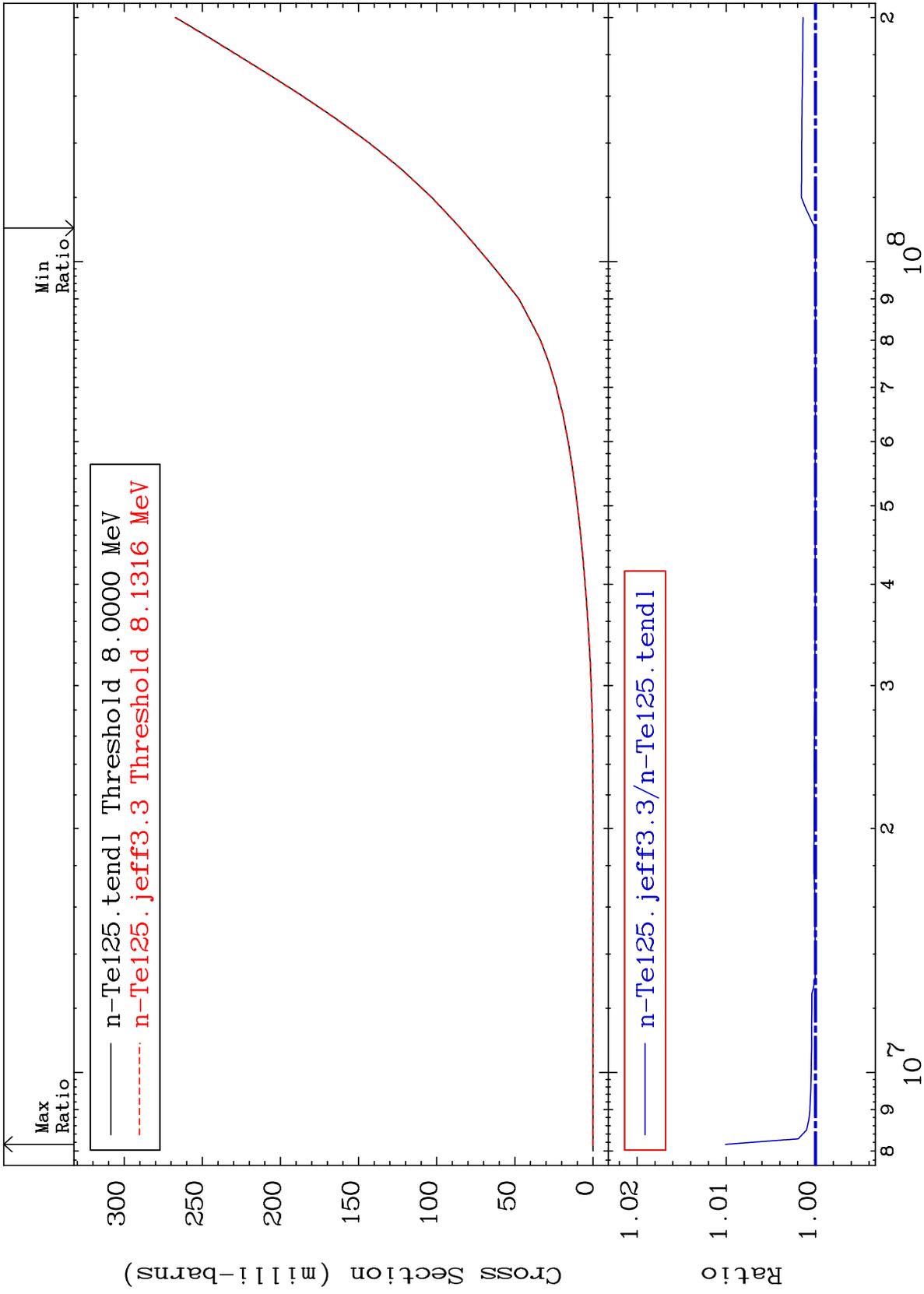
Incident Energy (eV)

52-Te-125

MAT 5240

He-3 Production
Cross Section

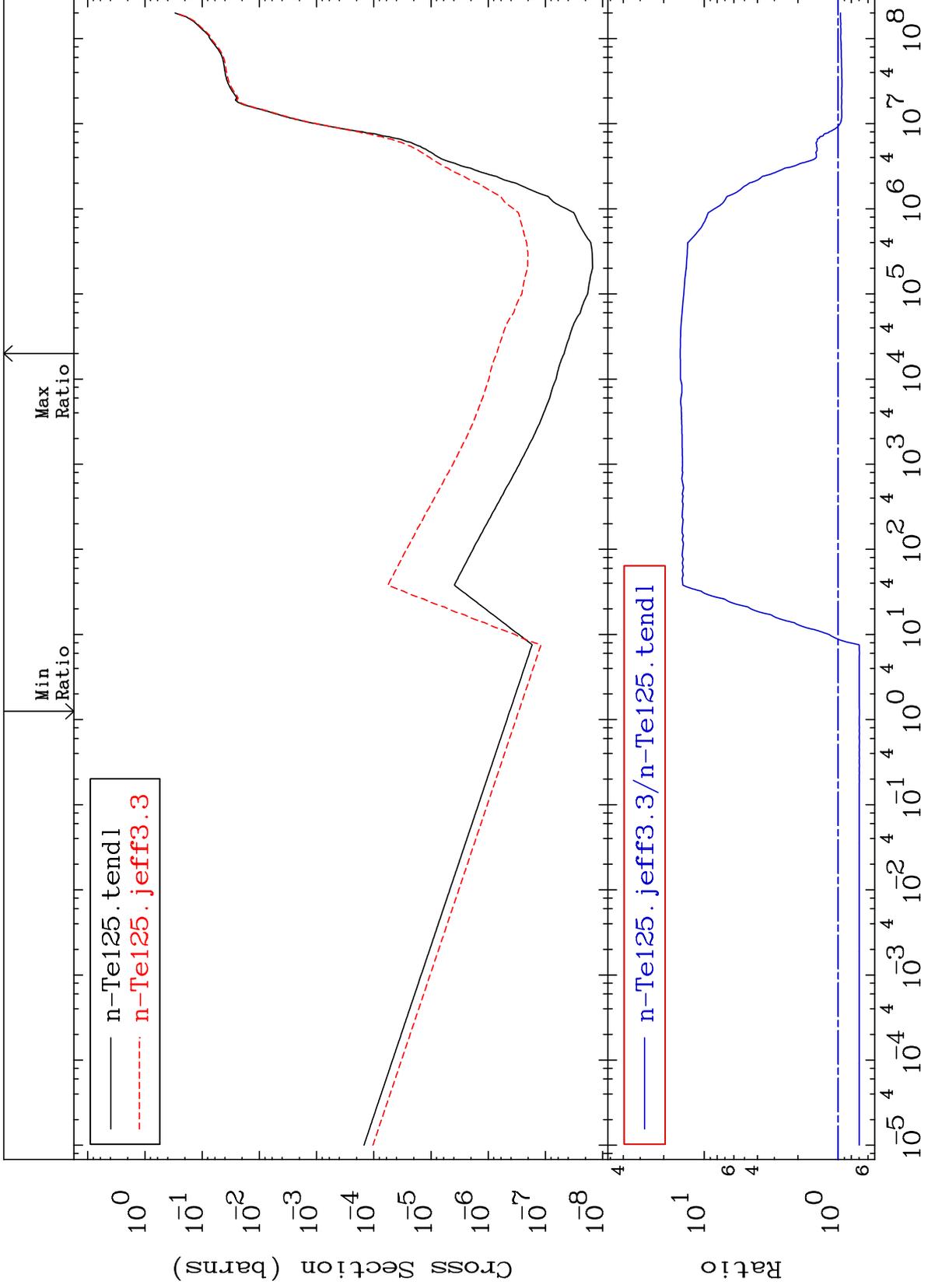
52-Te-125
To 1.009 %

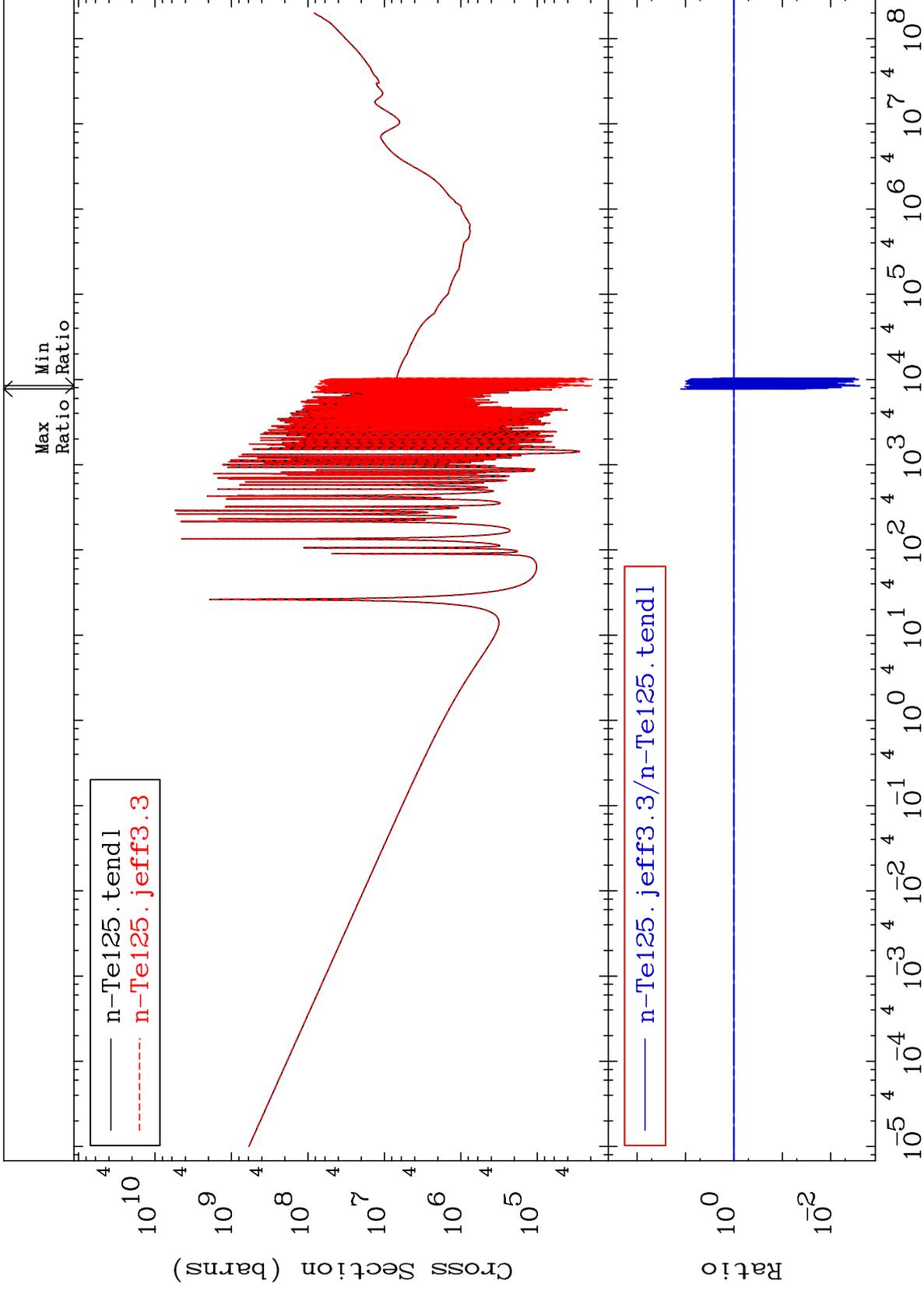


MAT 5240

He-4 Production
Cross Section

52-Te-125
-30.50 To 1406. %

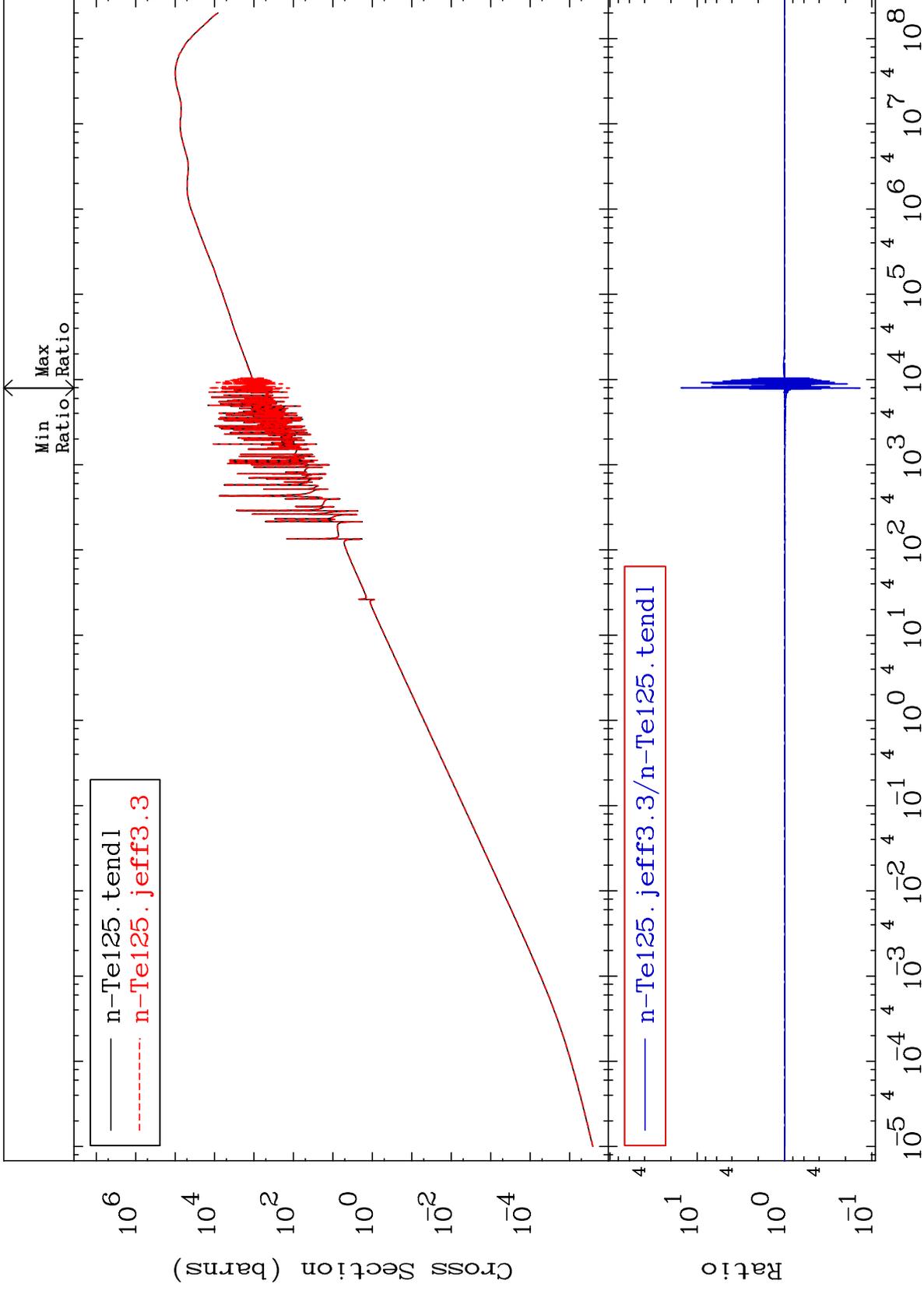




MAT 5240

Kerma elastic
Cross Section

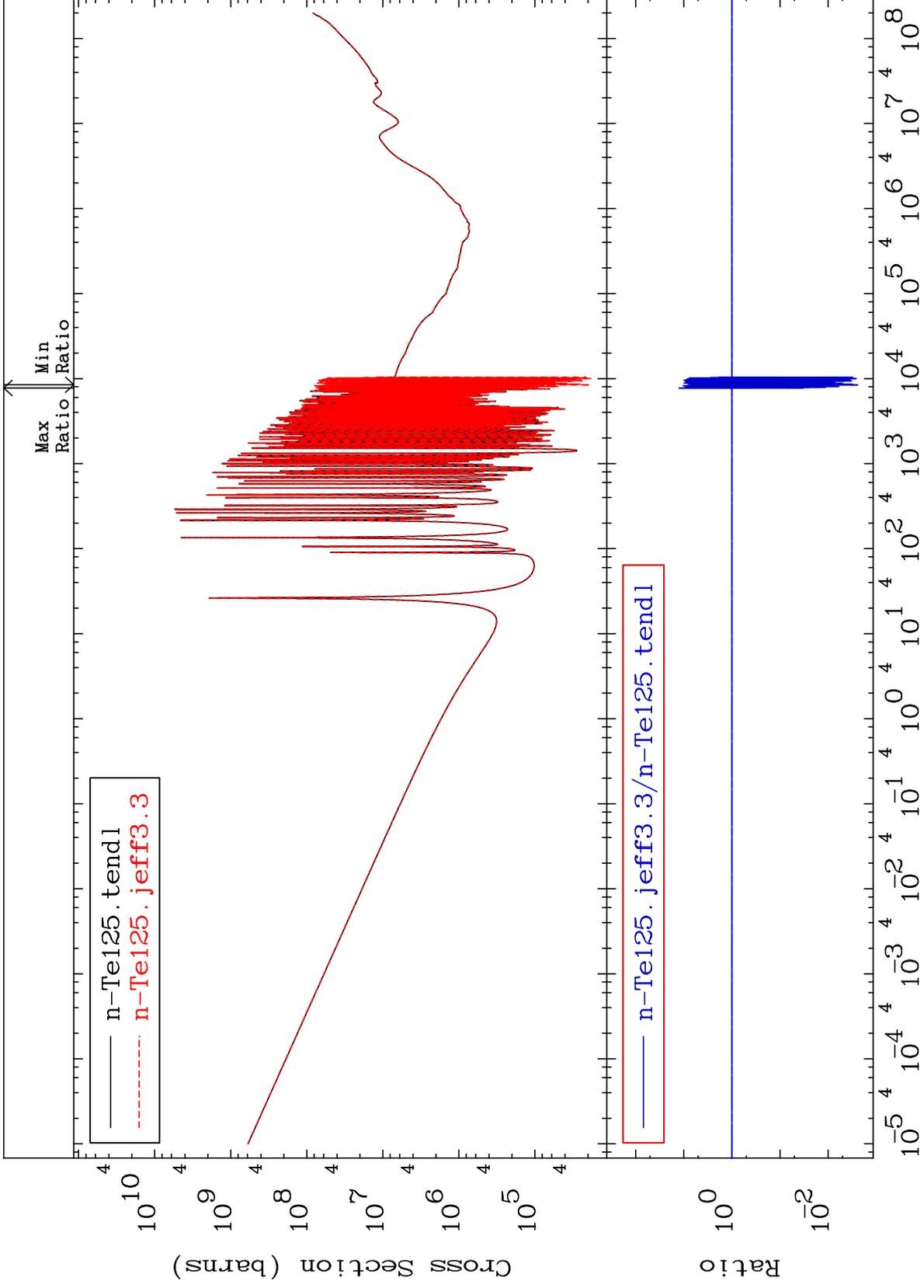
52-Te-125
-86.40 To 1442. %

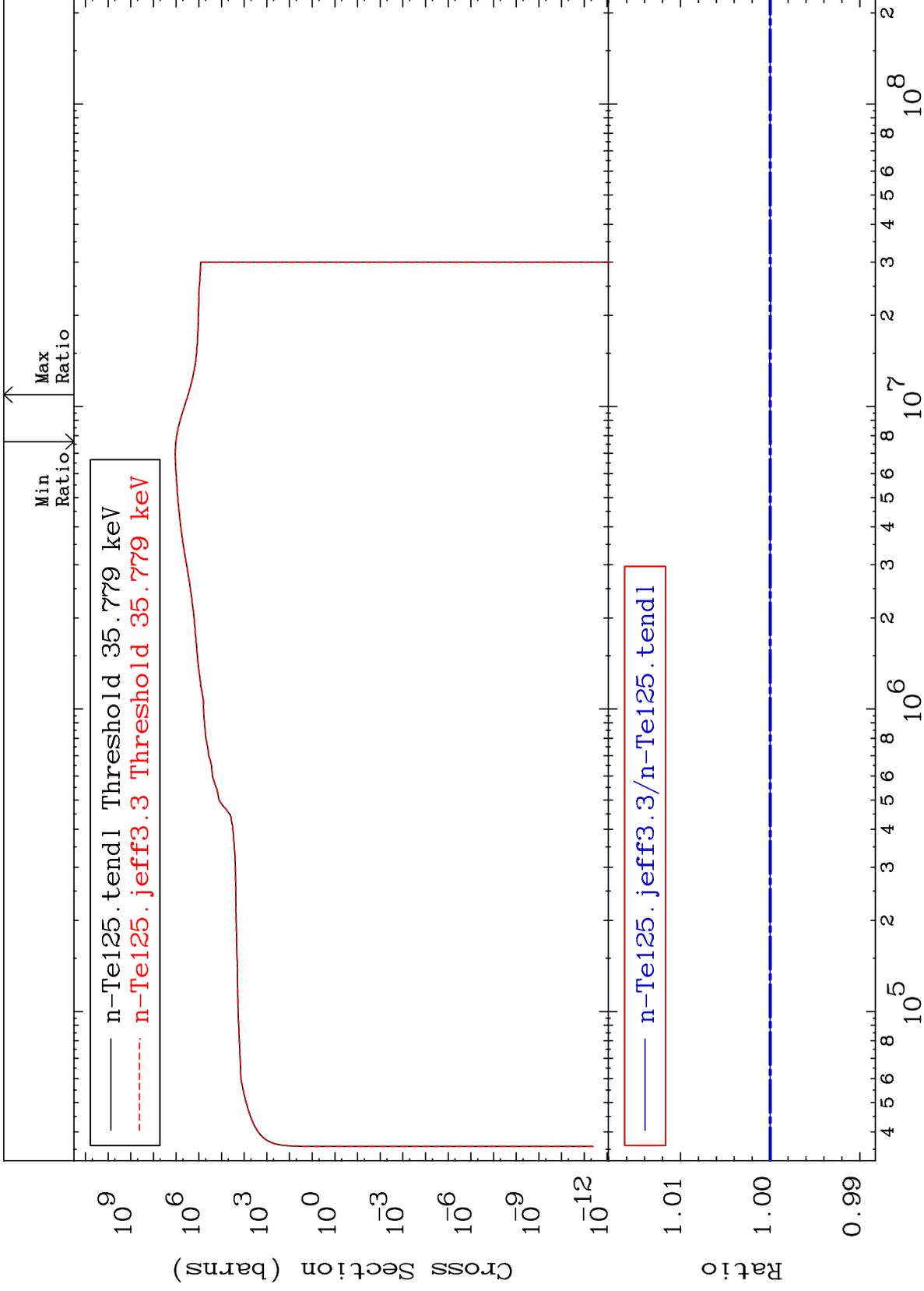


66

Incident Energy (eV)

52-Te-125

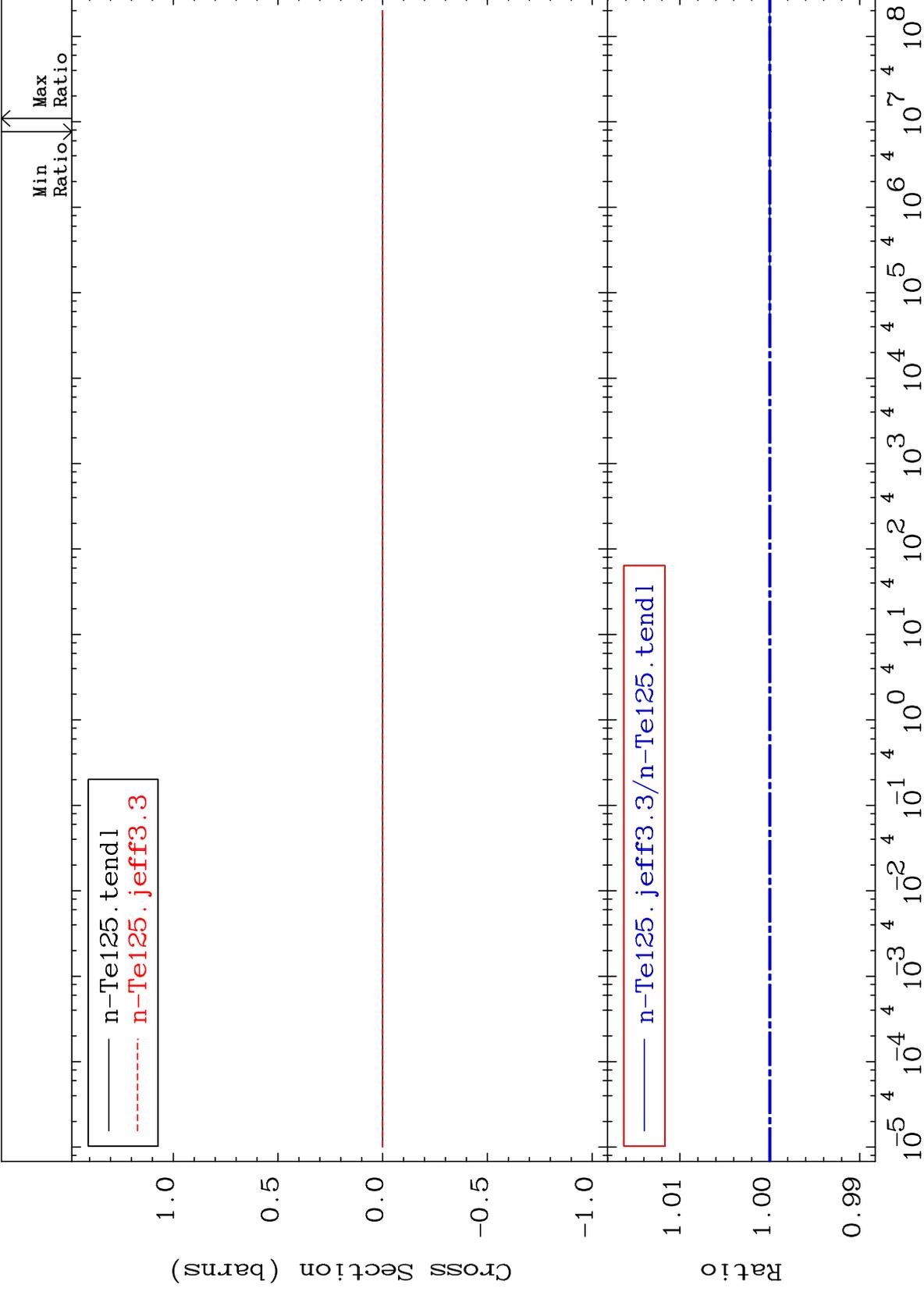




MAT 5240

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

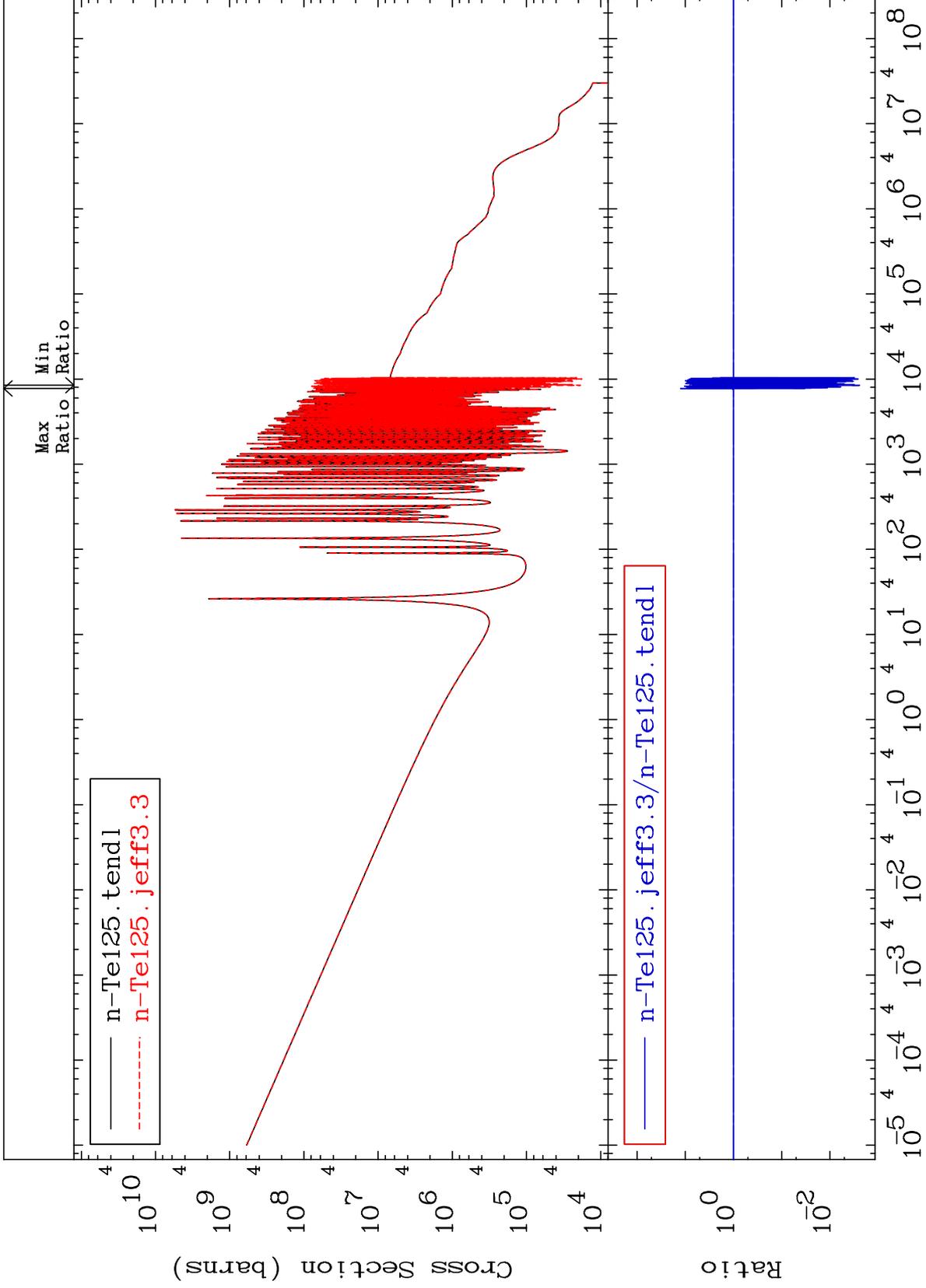
52-Te-125
-0.015 To 0.009 %



MAT 5240

Kerma capture (mt102)
Cross Section

52-Te-125
-99.76 To 1151. %



70

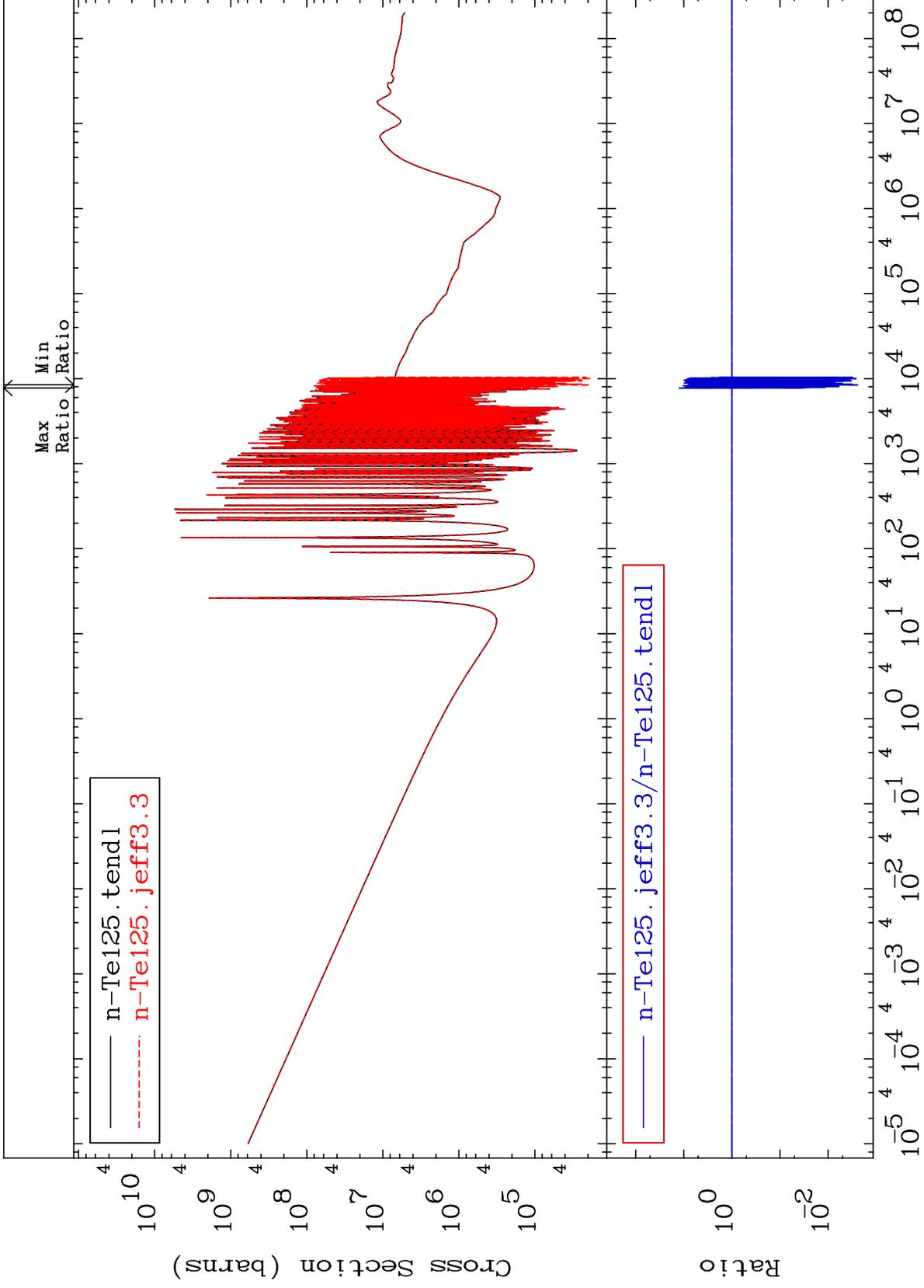
Incident Energy (eV)

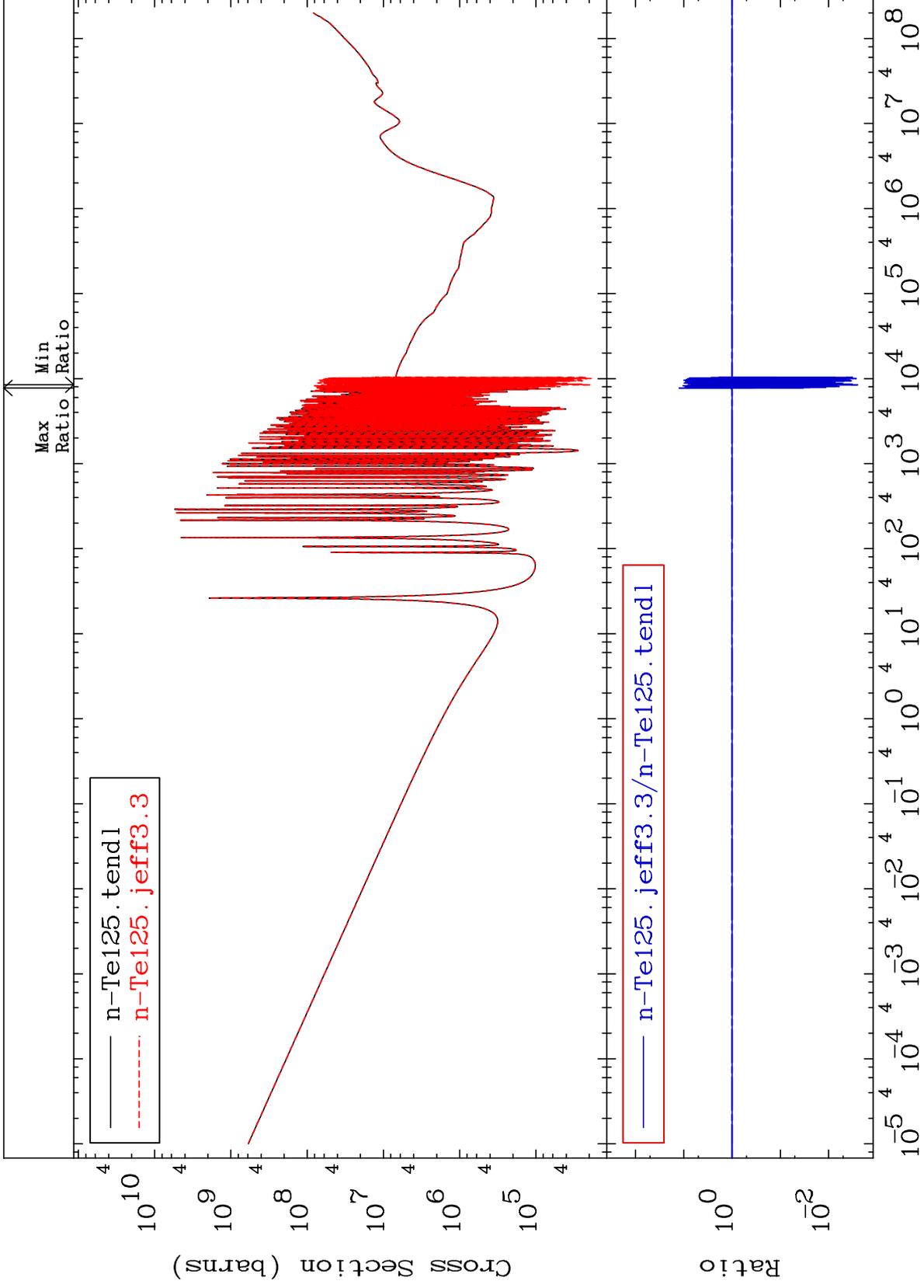
52-Te-125

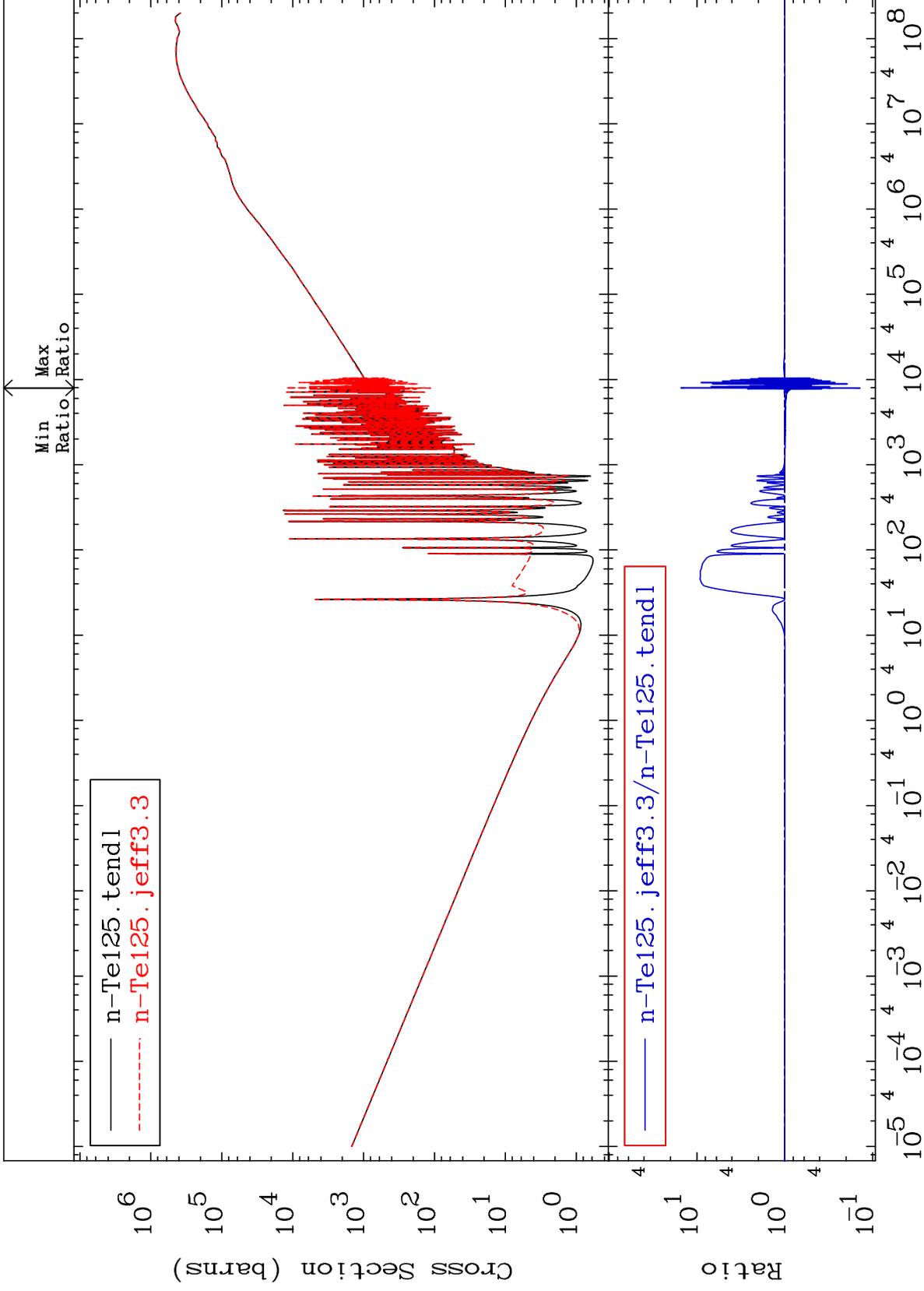
MAT 5240

Total photon (eV-barns)
Cross Section

52-Te-125
-99.76 To 1151. %



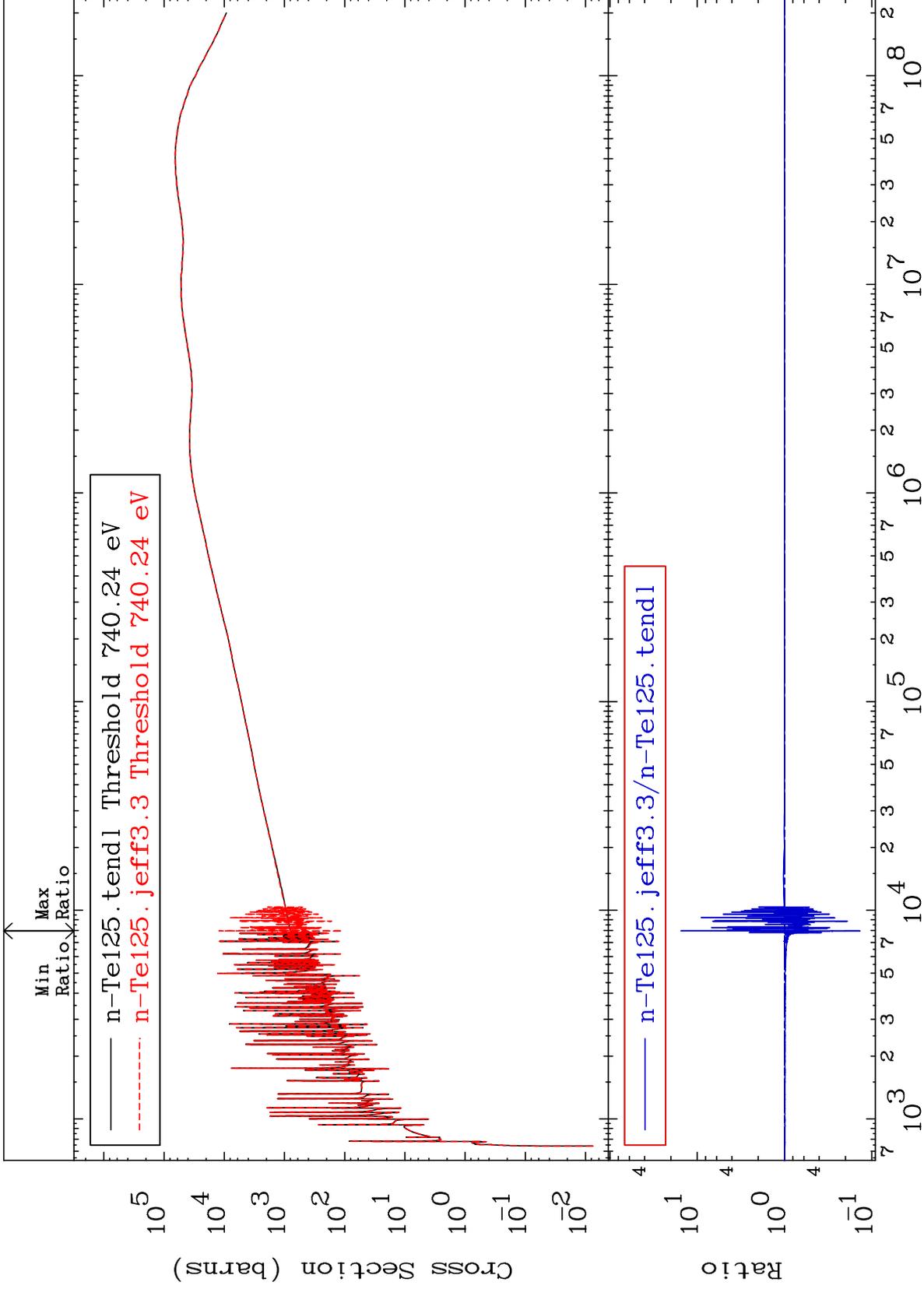




MAT 5240

Dpa elastic (mt2)
Cross Section

52-Te-125
-86.40 To 1442. %



74

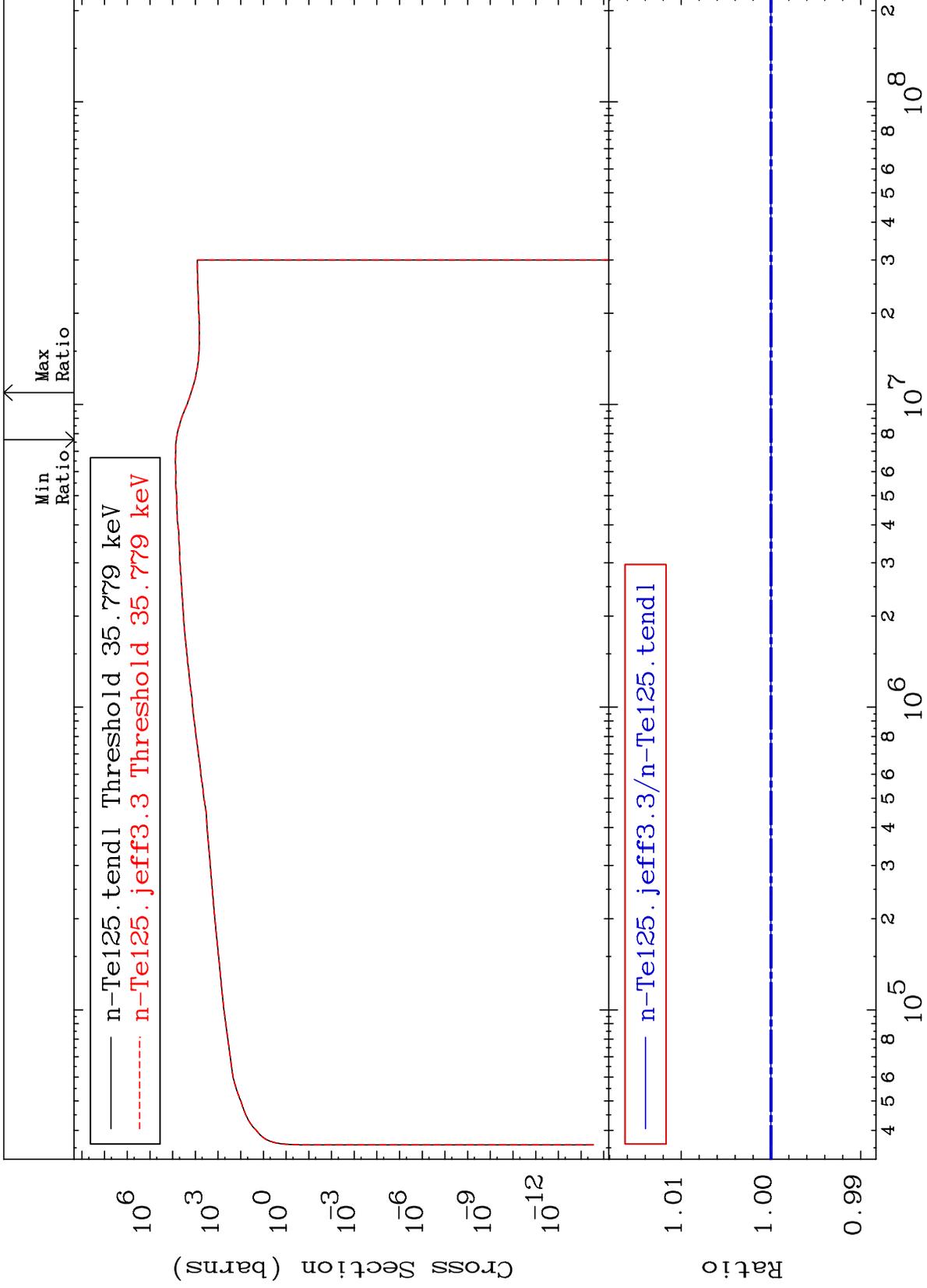
Incident Energy (eV)

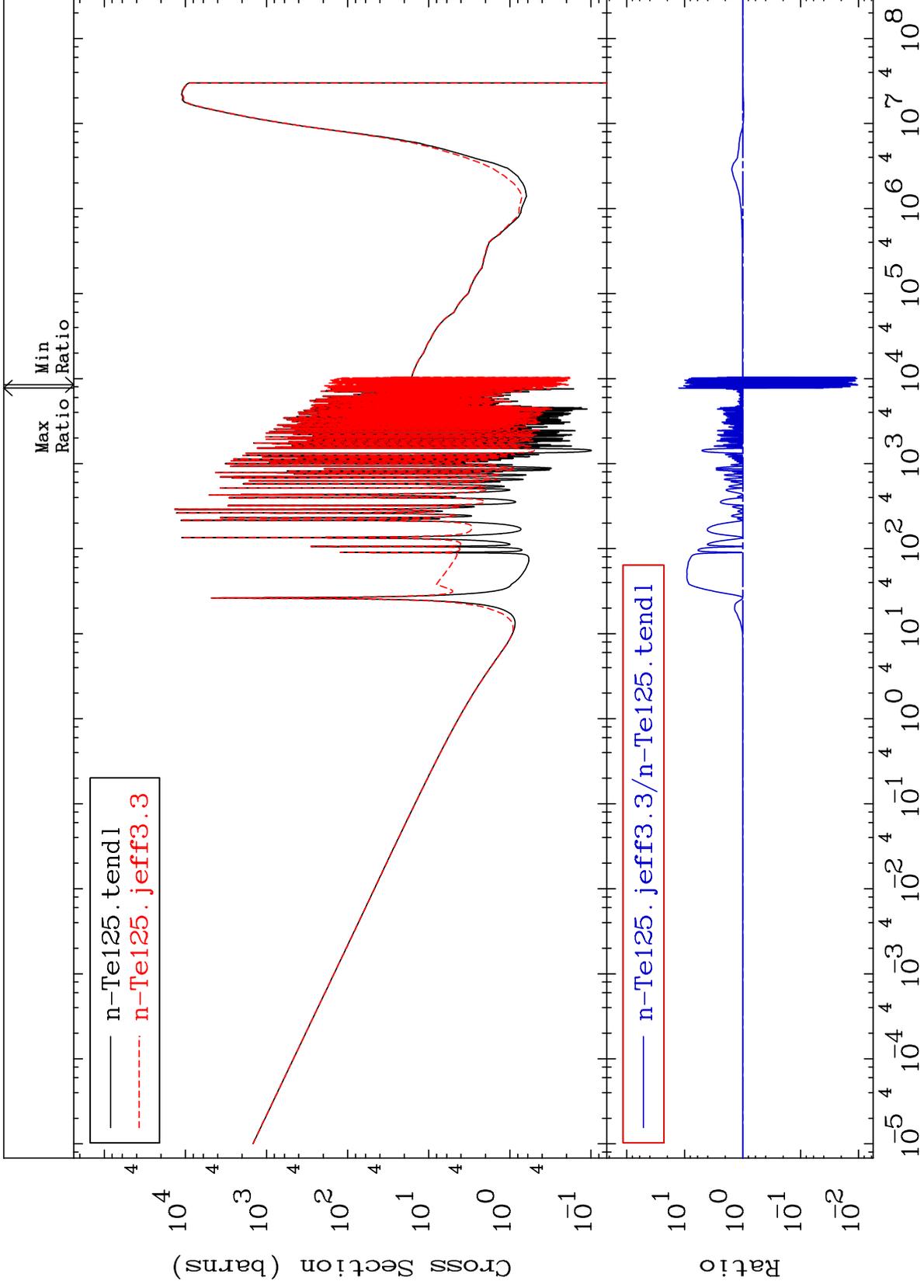
52-Te-125

MAT 5240

Dpa inelastic (mt51-91)
Cross Section

52-Te-125
-0.014 To 0.013 %



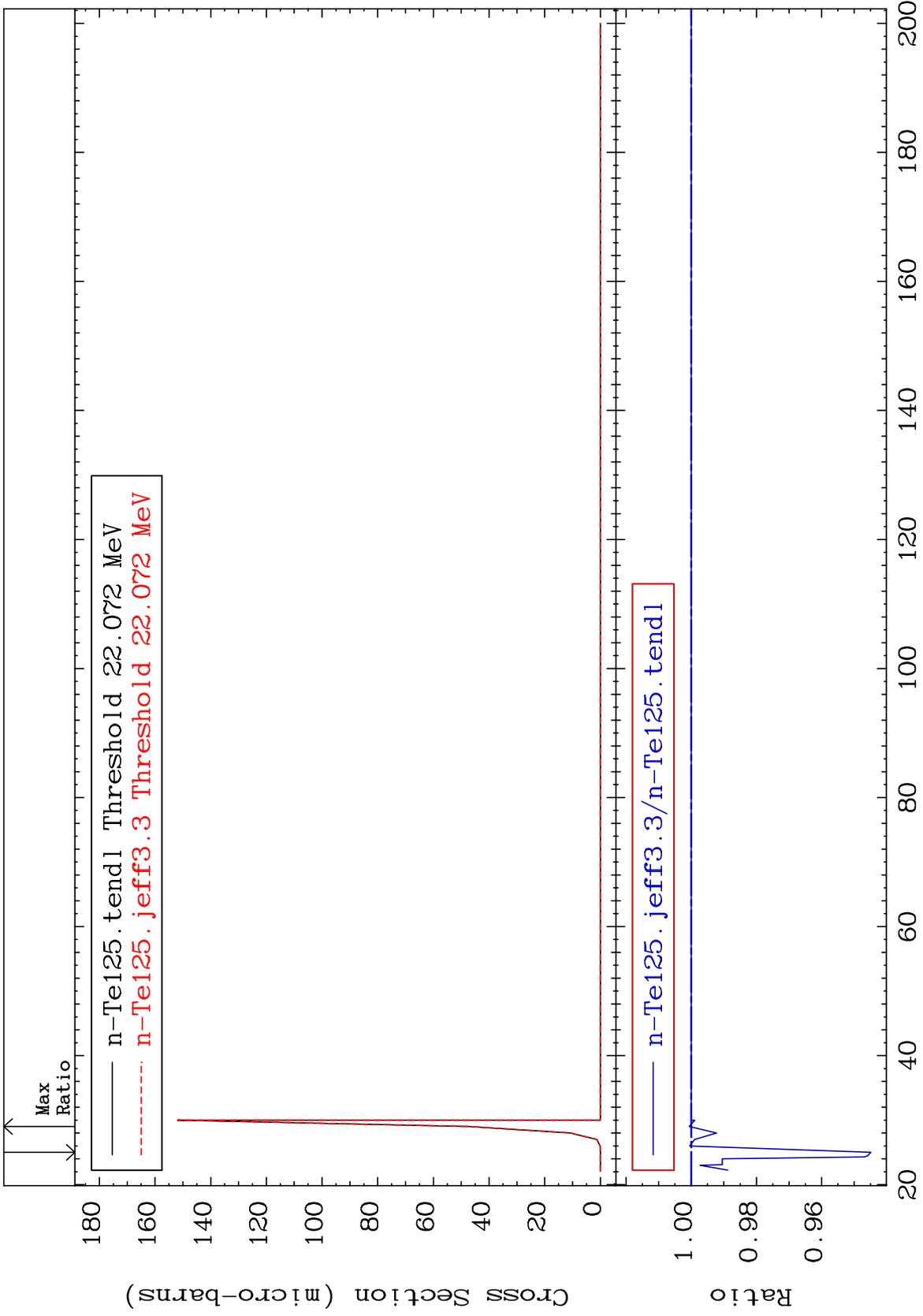


MAT 5240

(n,2n) d:51-Sb-122g

52-Te-125

Radionuclide Production Cross Section -5.512 To 0.059 %



77

Incident Energy (MeV)

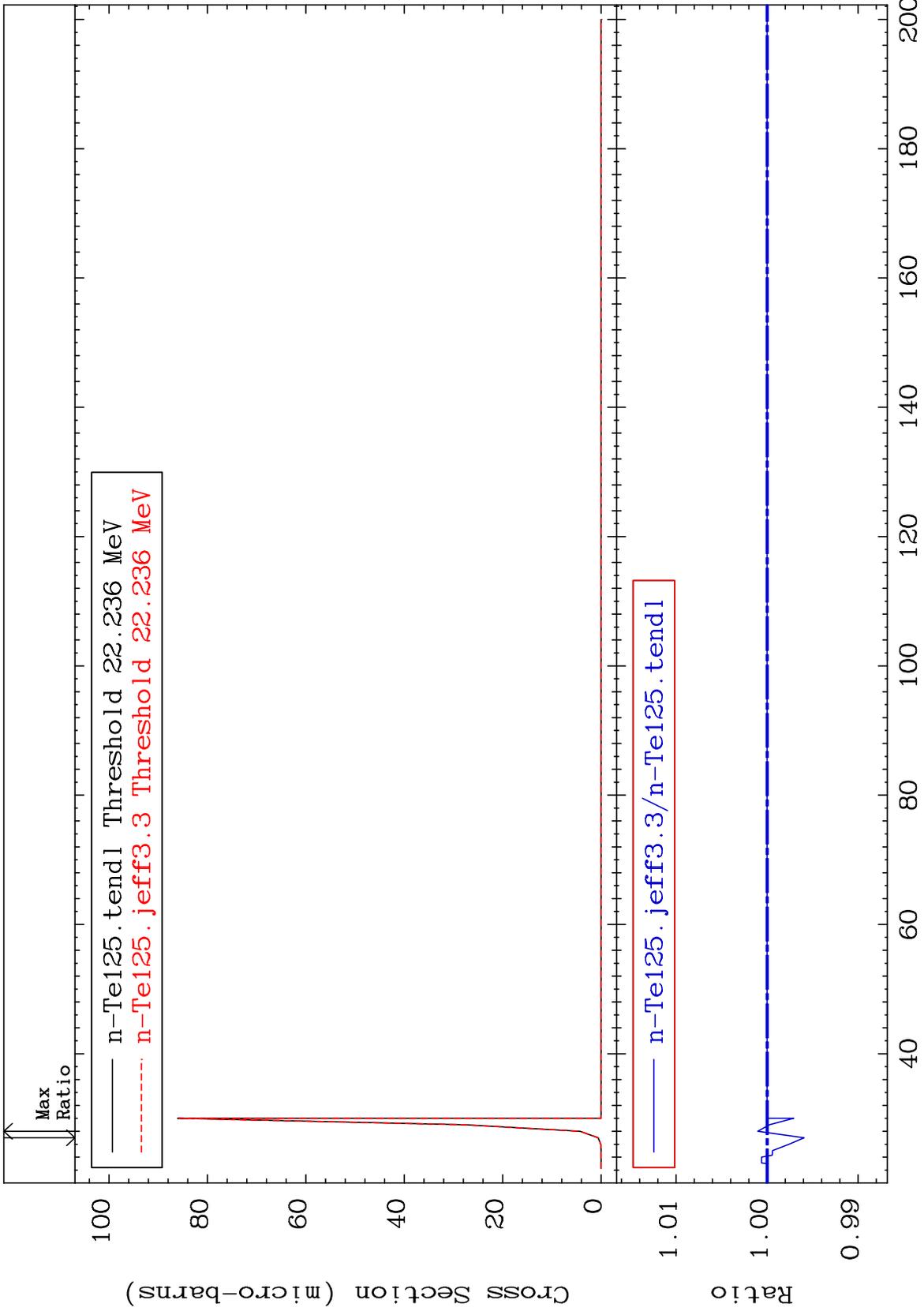
52-Te-125

MAT 5240

(n,2n) d:51-Sb-122m5

52-Te-125

Radionuclide Production Cross Section -0.406 To 0.102 %



78

Incident Energy (MeV)

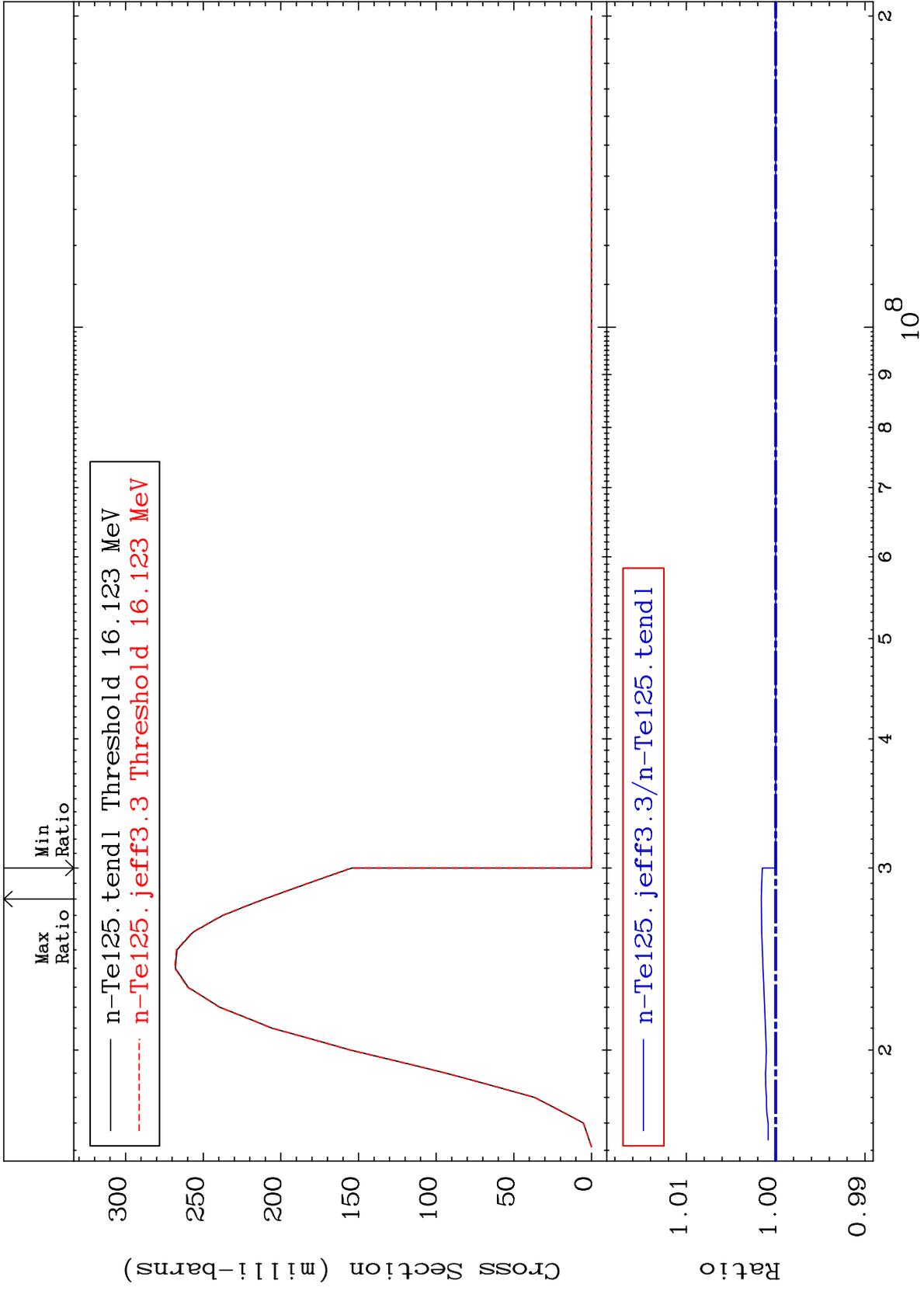
52-Te-125

MAT 5240

(n,3n):52-Te-123g

52-Te-125

Radionuclide Production Cross Section 0.000 To 0.161 %

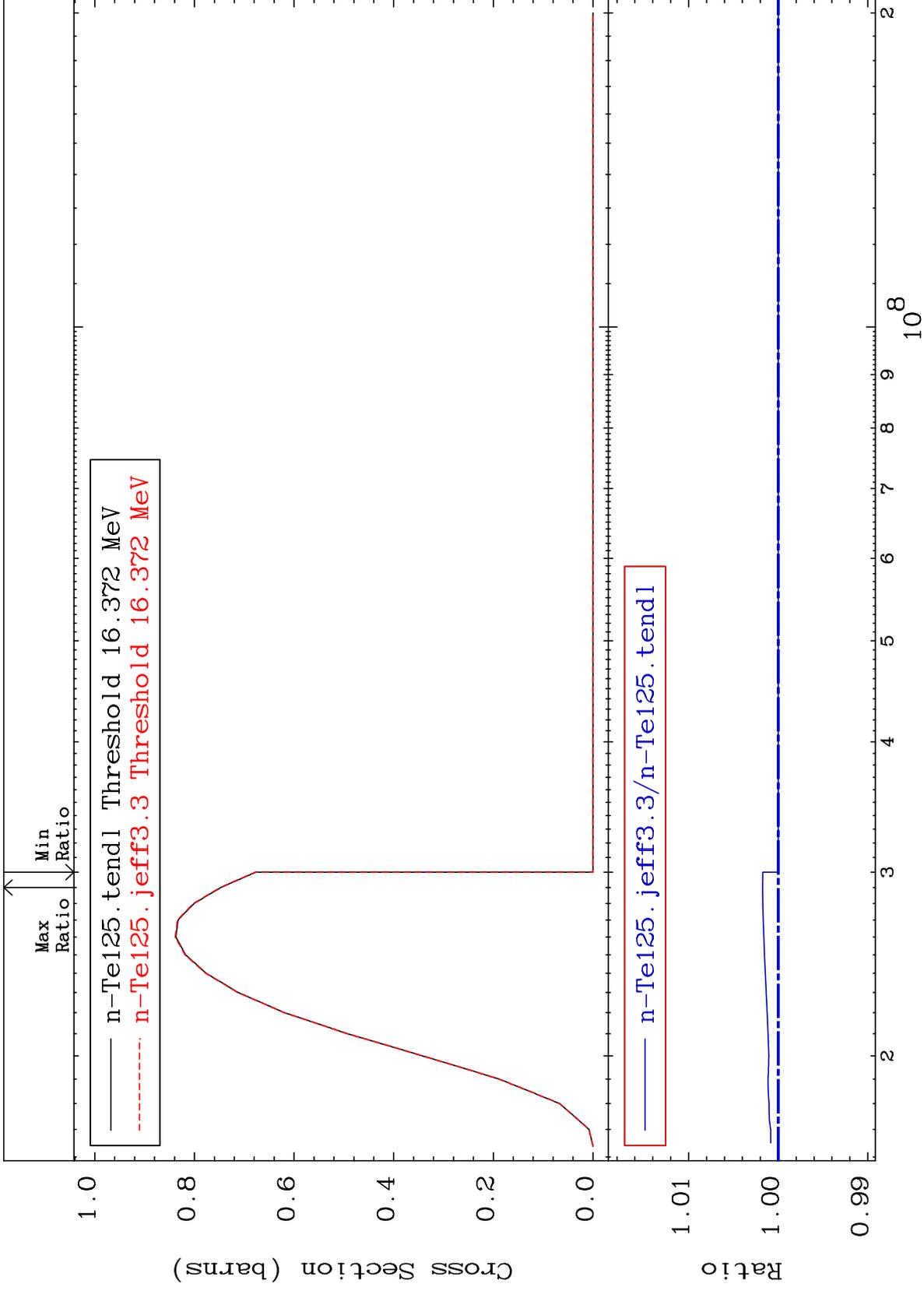


MAT 5240

(n,3n):52-Te-123m2

52-Te-125

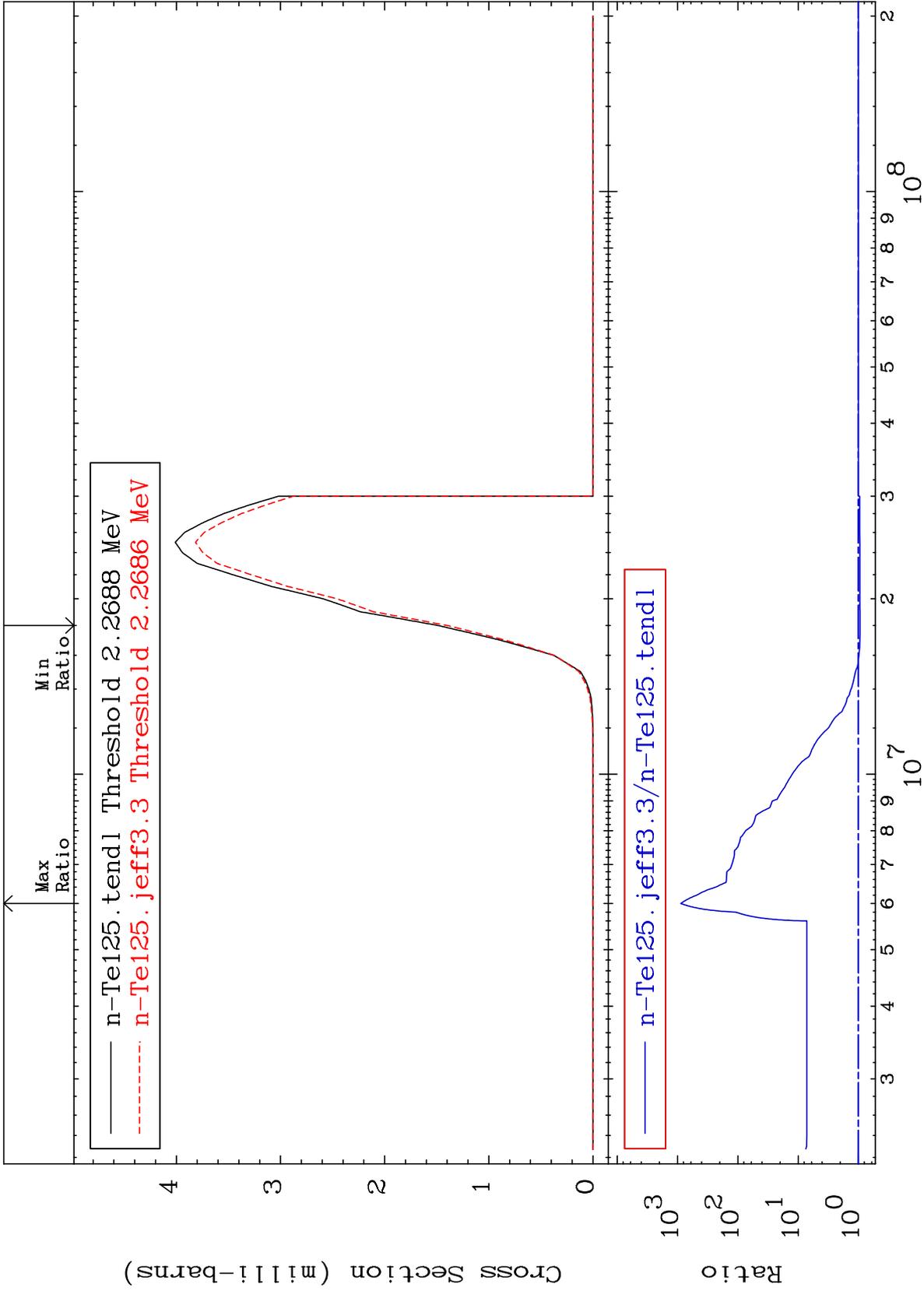
Radionuclide Production Cross Section 0.000 To 0.174 %



80

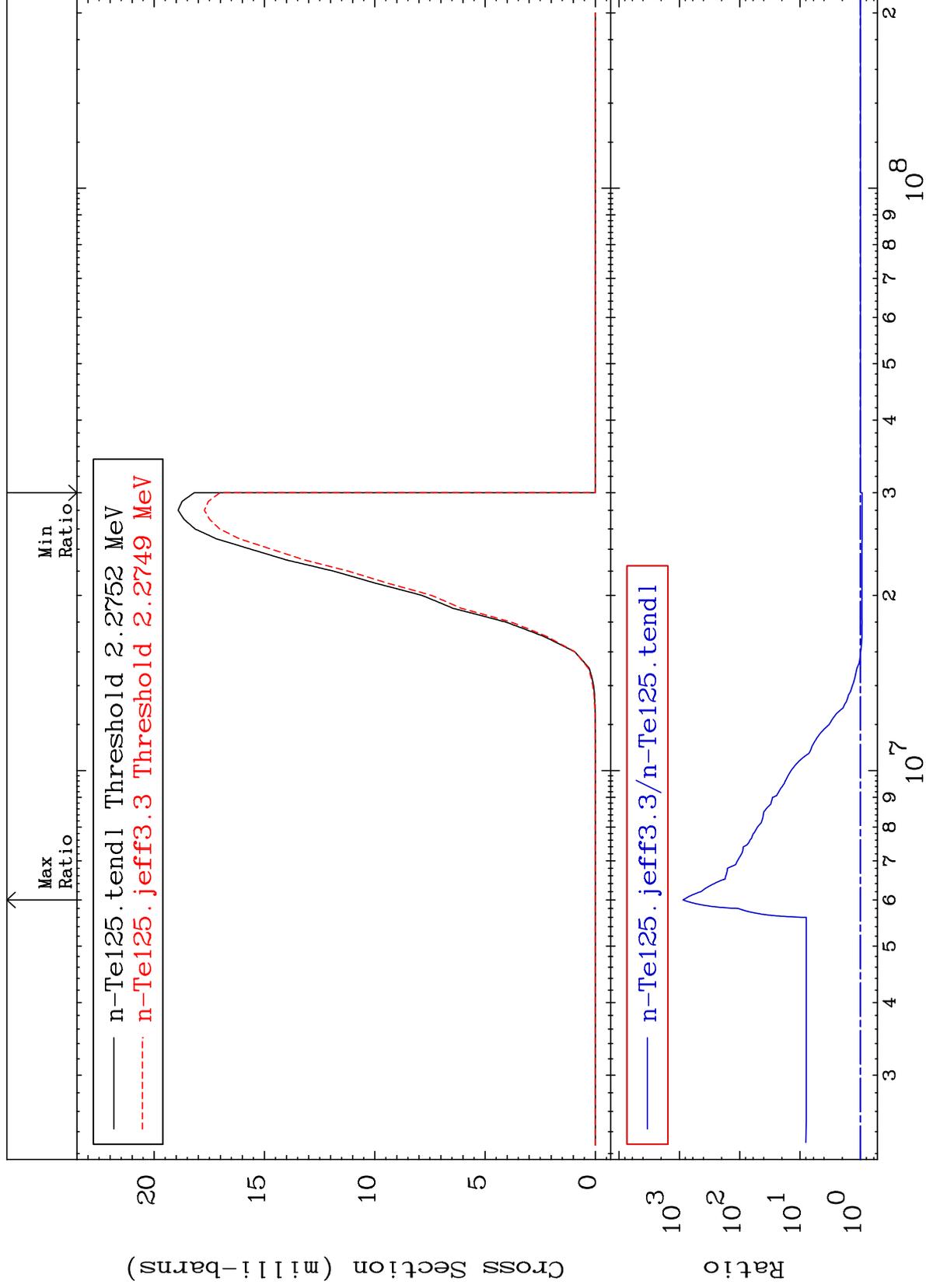
Incident Energy (eV)

52-Te-125



MAT 5240

(n, n') α :50-Sn-121m1 52-Te-125
Radionuclide Production Cross Section -6.419 To 9999. %

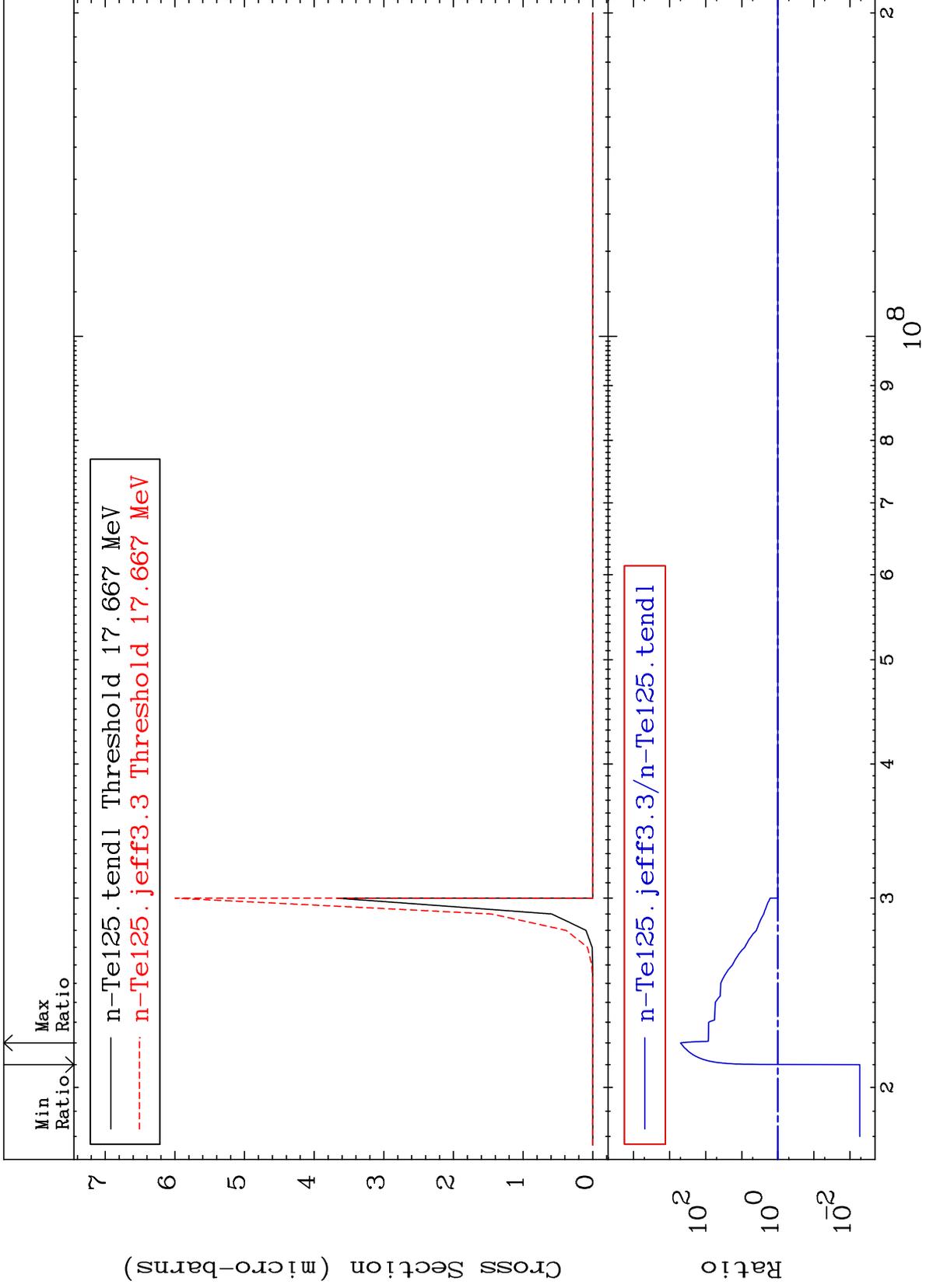


MAT 5240

(n,3n) α :50-Sn-119g

52-Te-125

Radionuclide Production Cross Section -99.46 To 9999. %

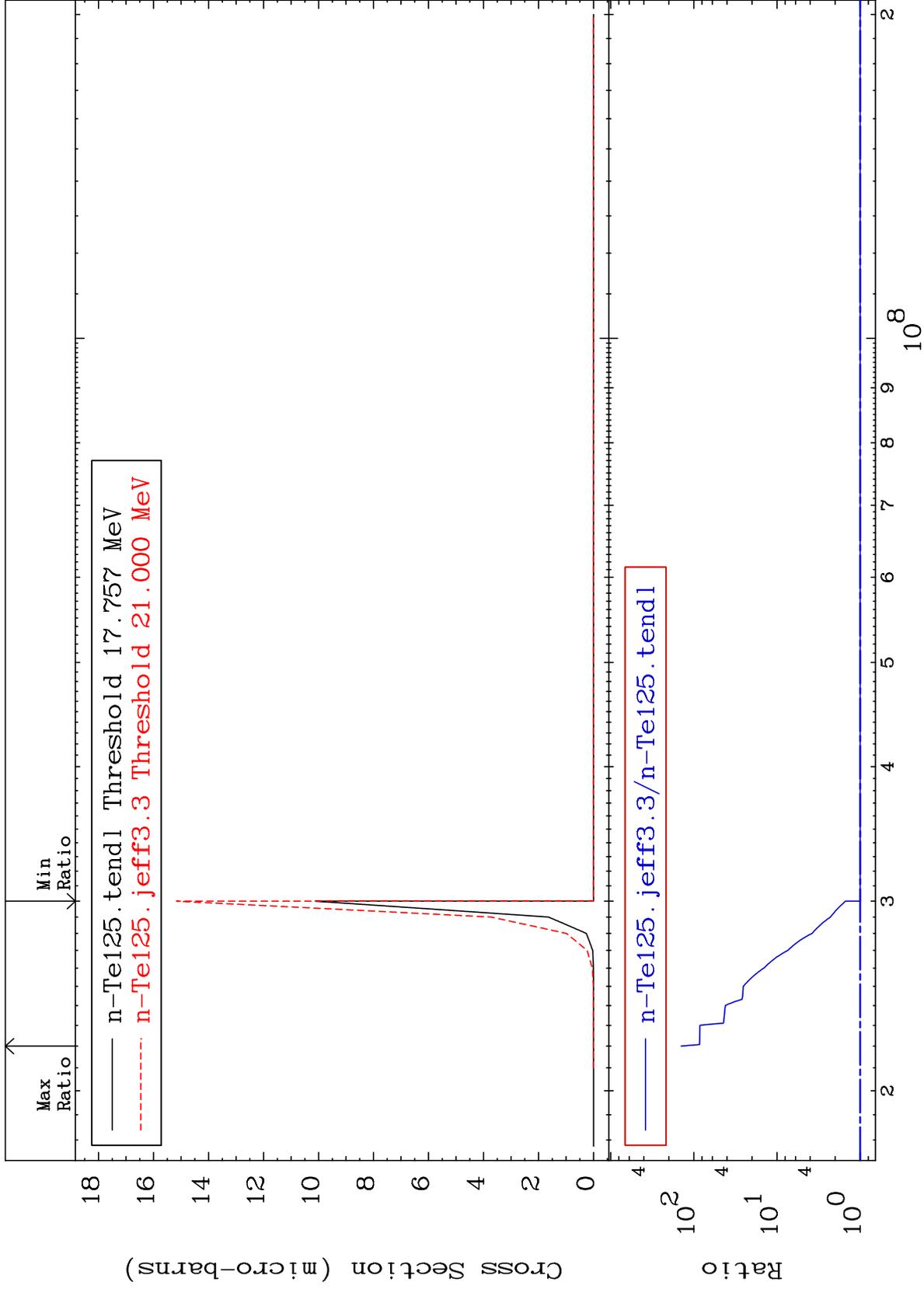


MAT 5240

(n,3n) α :50-Sn-119m2

52-Te-125

Radionuclide Production Cross Section 0.000 To 9999. %

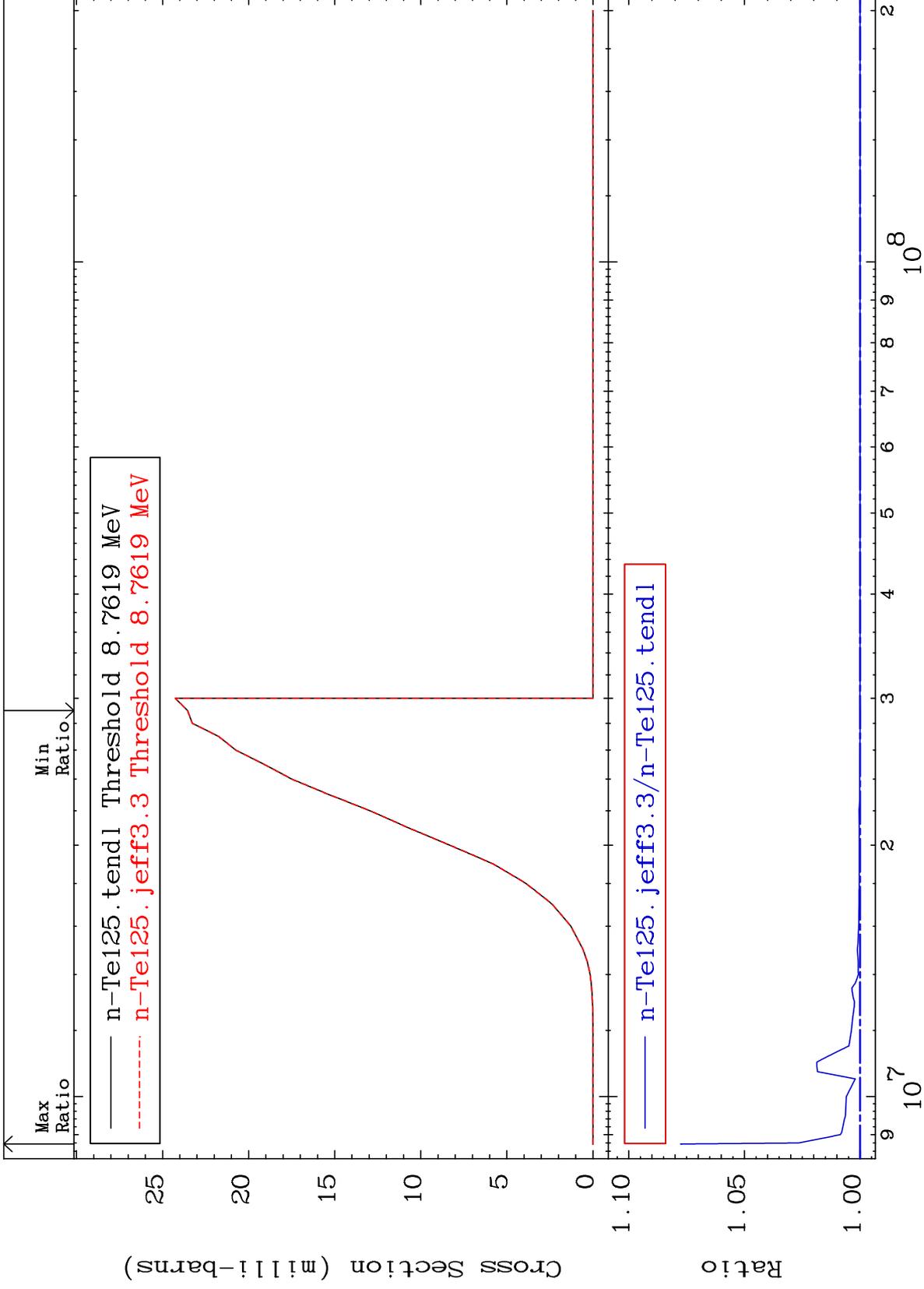


MAT 5240

(n, n') p:51-Sb-124g

52-Te-125
To 7.754 %

Radionuclide Production Cross Section 0.000



85

Incident Energy (eV)

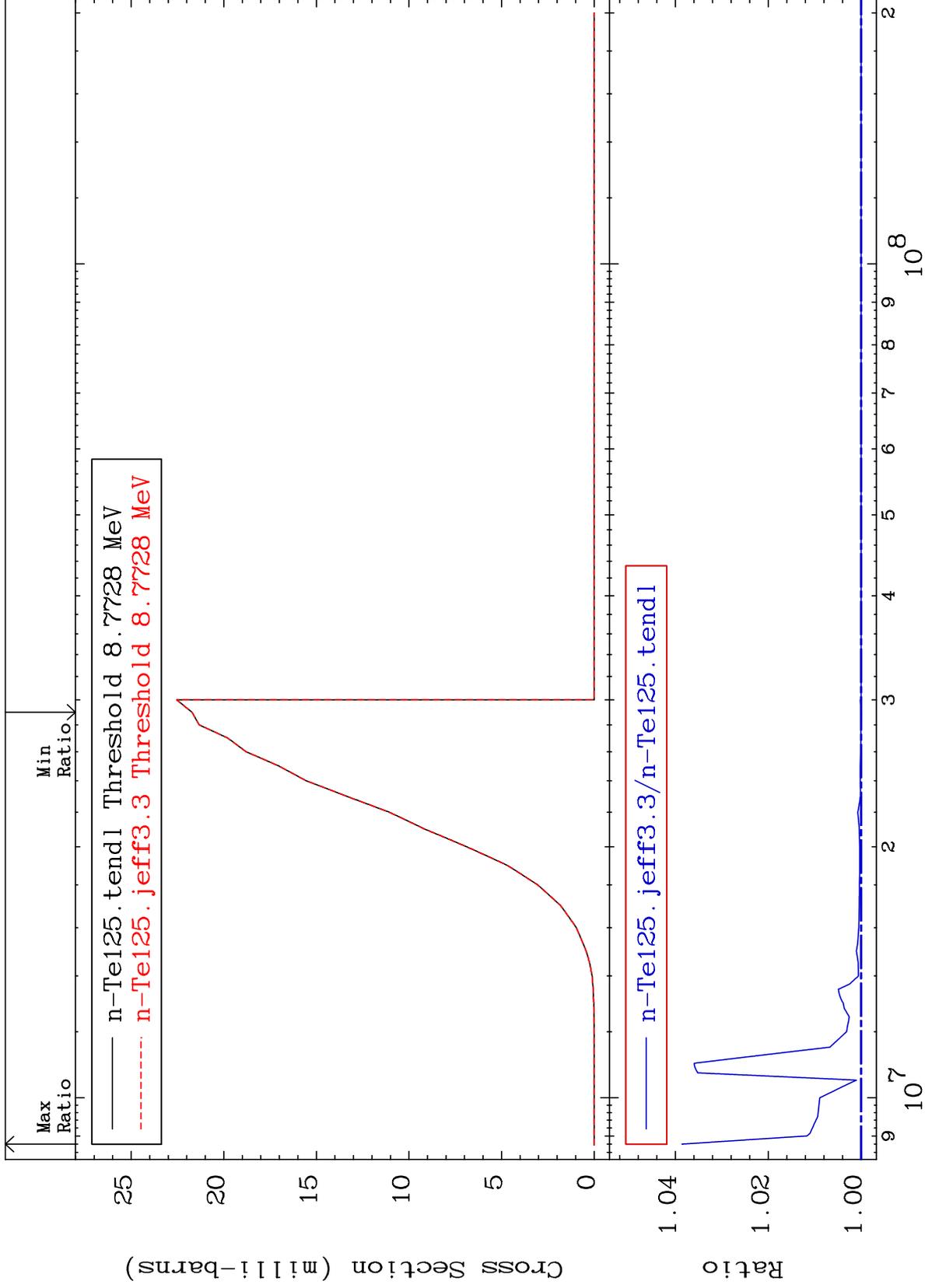
52-Te-125

MAT 5240

(n, n') p:51-Sb-124m1

52-Te-125

Radionuclide Production Cross Section -0.001 To 3.858 %



86

Incident Energy (eV)

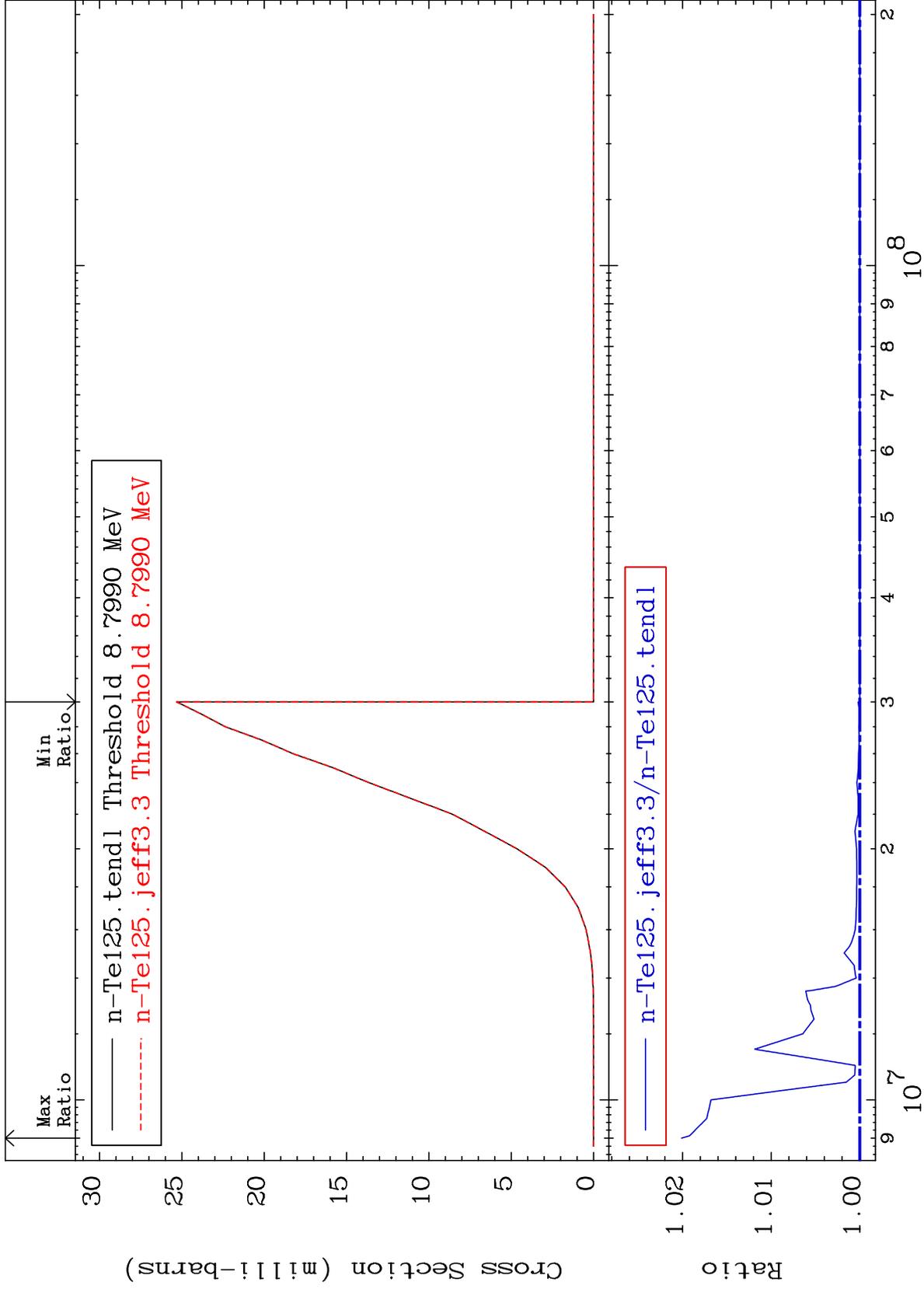
52-Te-125

MAT 5240

(n, n') p:51-Sb-124m2

52-Te-125

Radionuclide Production Cross Section 0.000 To 2.011 %



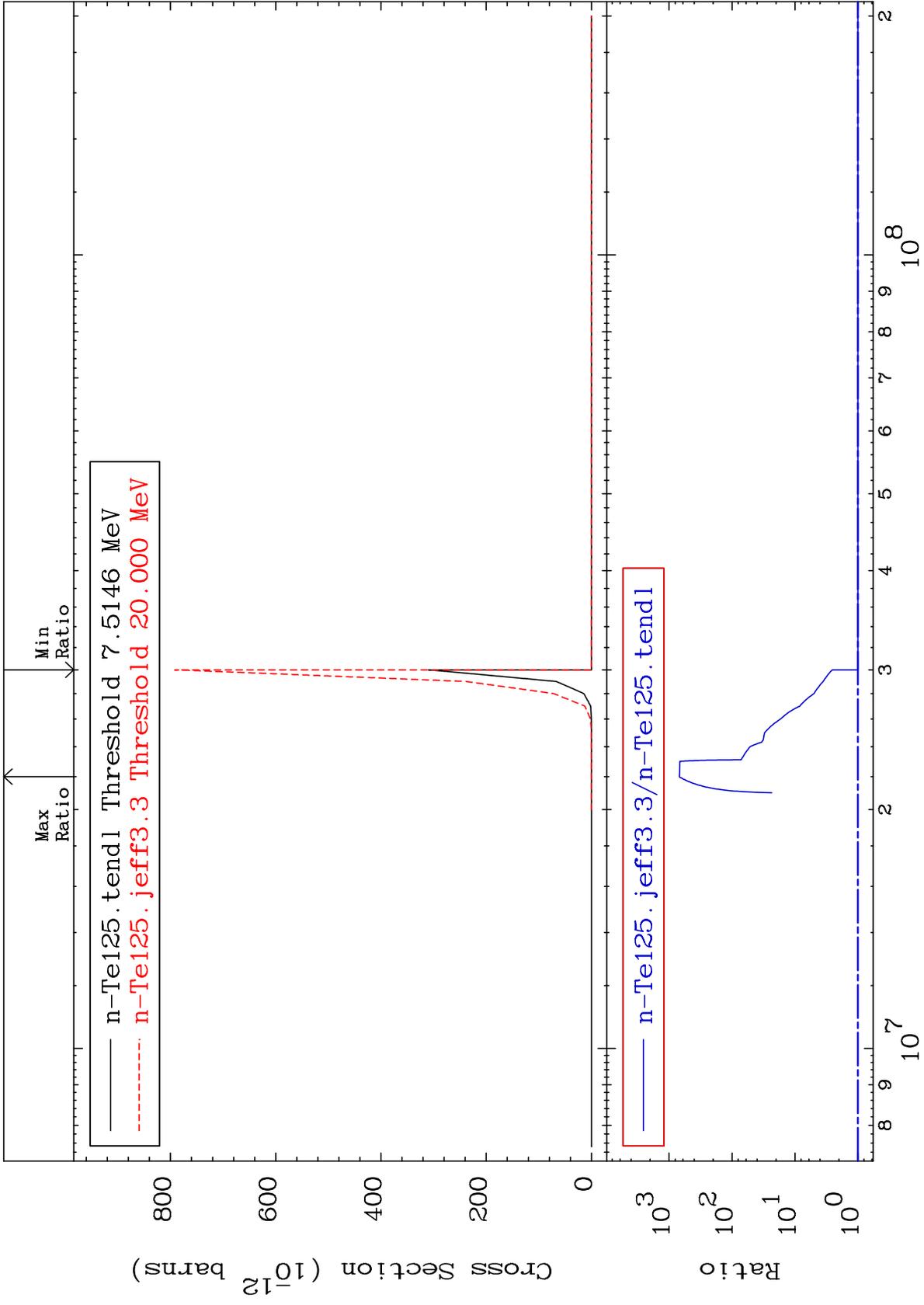
87

Incident Energy (eV)

52-Te-125

MAT 5240

(n, n') 2α:48-Cd-117g 52-Te-125
Radionuclide Production Cross Section 0.000 To 9999. %

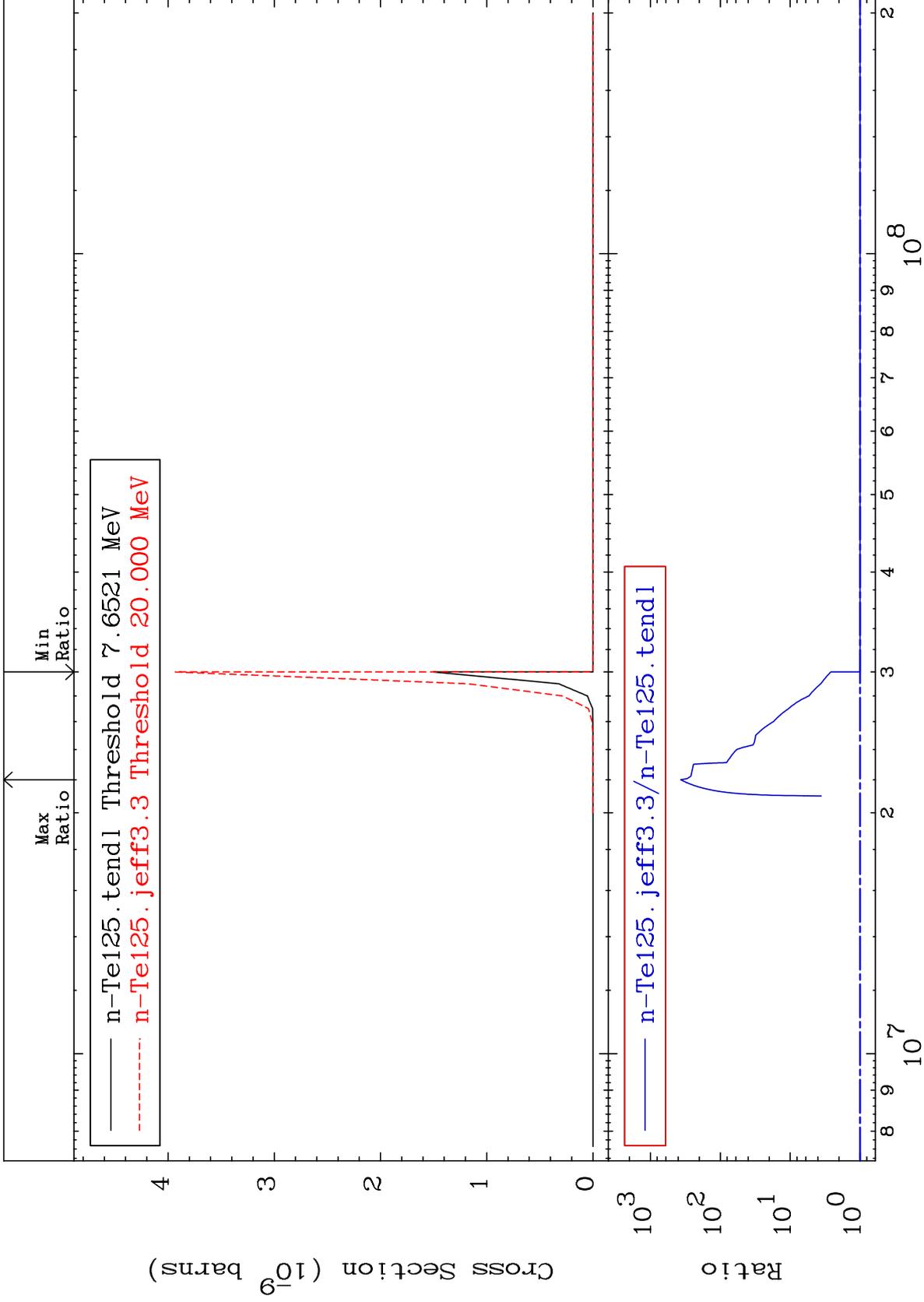


MAT 5240

(n, n') 2α: 48-Cd-117m2

52-Te-125

Radionuclide Production Cross Section 0.000 To 9999. %



89

Incident Energy (eV)

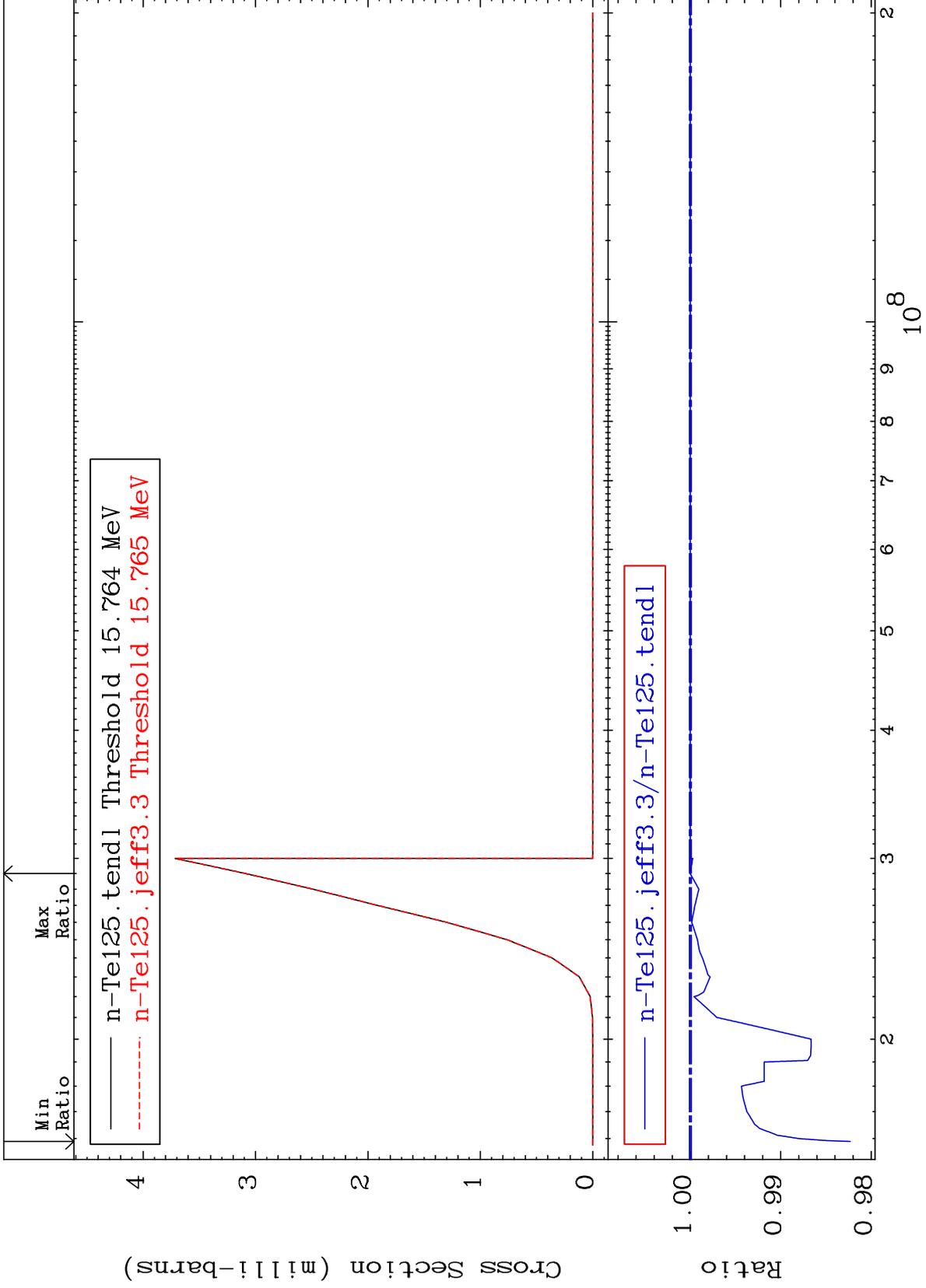
52-Te-125

MAT 5240

(n, n') t:51-Sb-122g

52-Te-125

Radionuclide Production Cross Section -1.767 To 0.002 %



90

Incident Energy (eV)

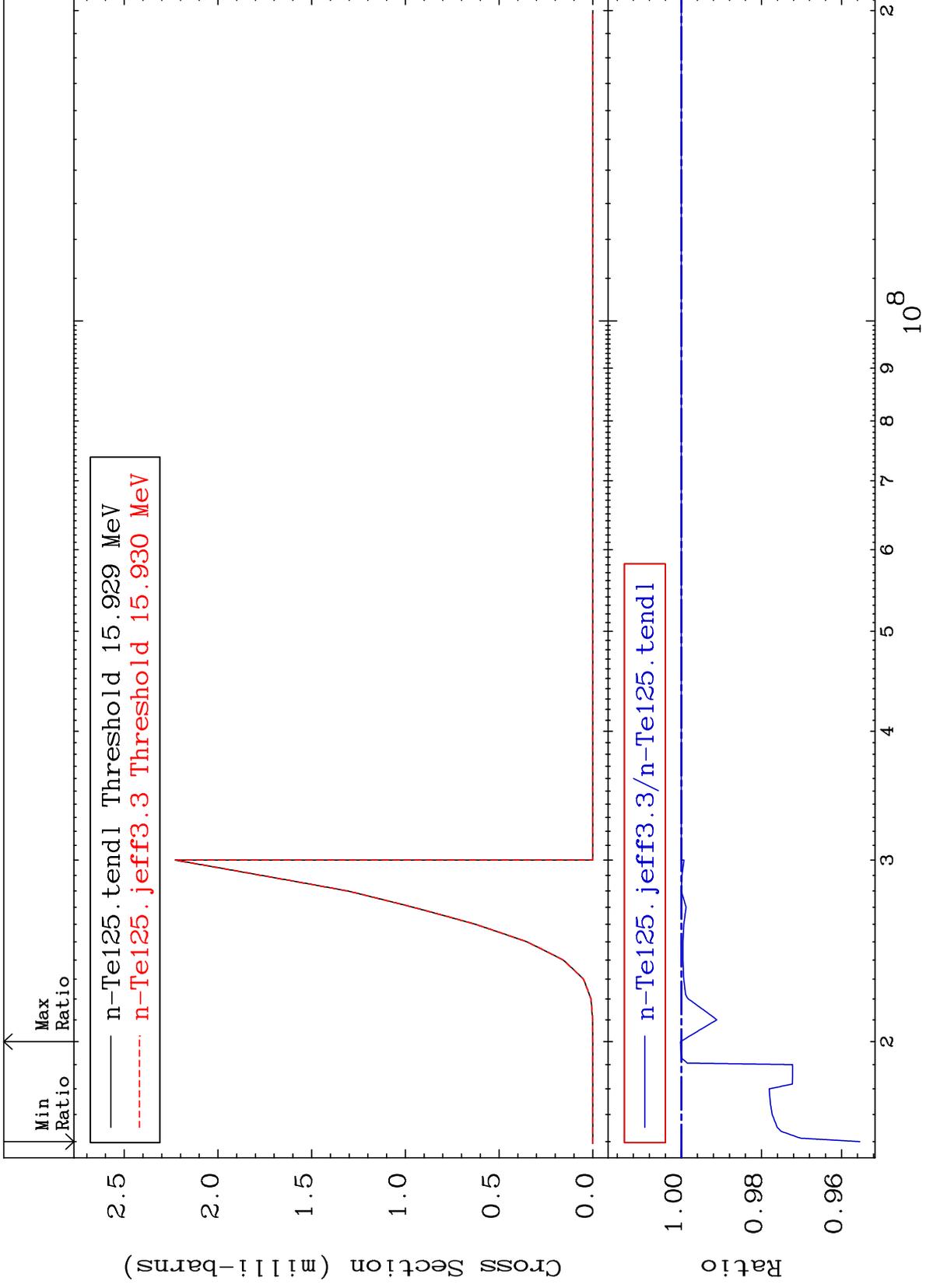
52-Te-125

MAT 5240

(n, n') t:51-Sb-122m5

52-Te-125

Radionuclide Production Cross Section -4.455 To 0.022 %

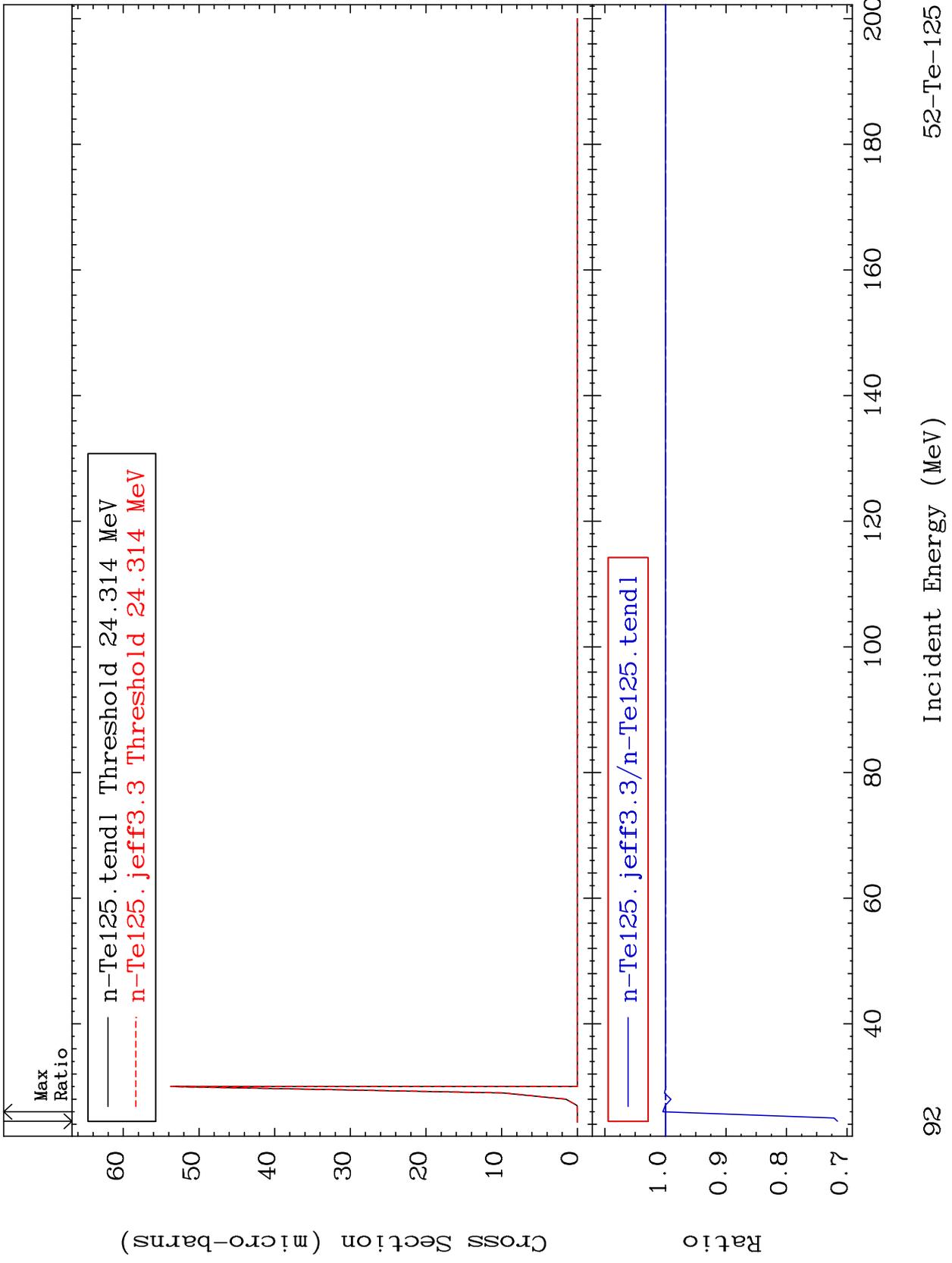


MAT 5240

(n,3n) p:51-Sb-122g

52-Te-125

Radionuclide Production Cross Section -28.43 To 0.431 %

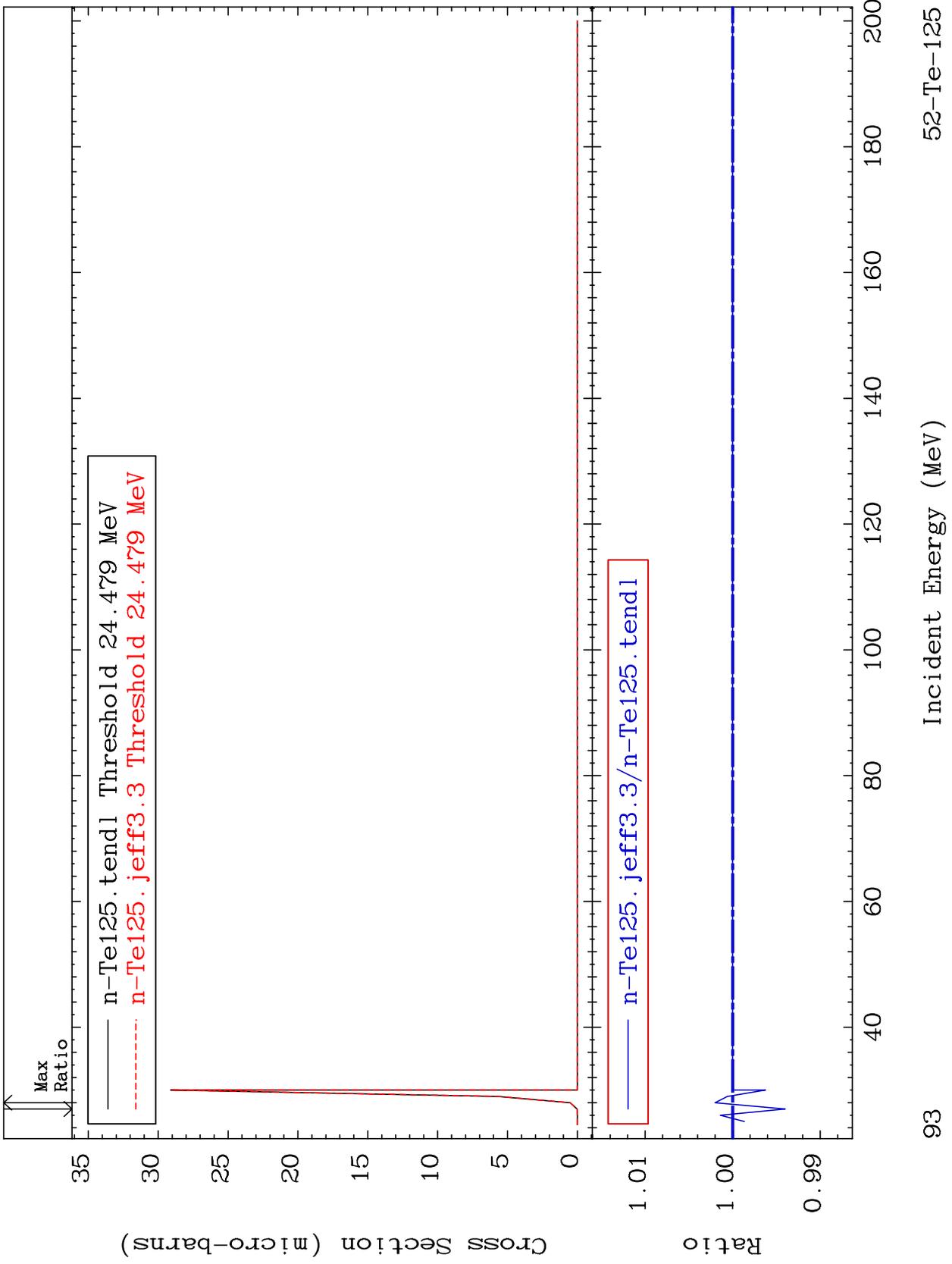


MAT 5240

(n,3n) p:51-Sb-122m5

52-Te-125

Radionuclide Production Cross Section -0.601 To 0.200 %

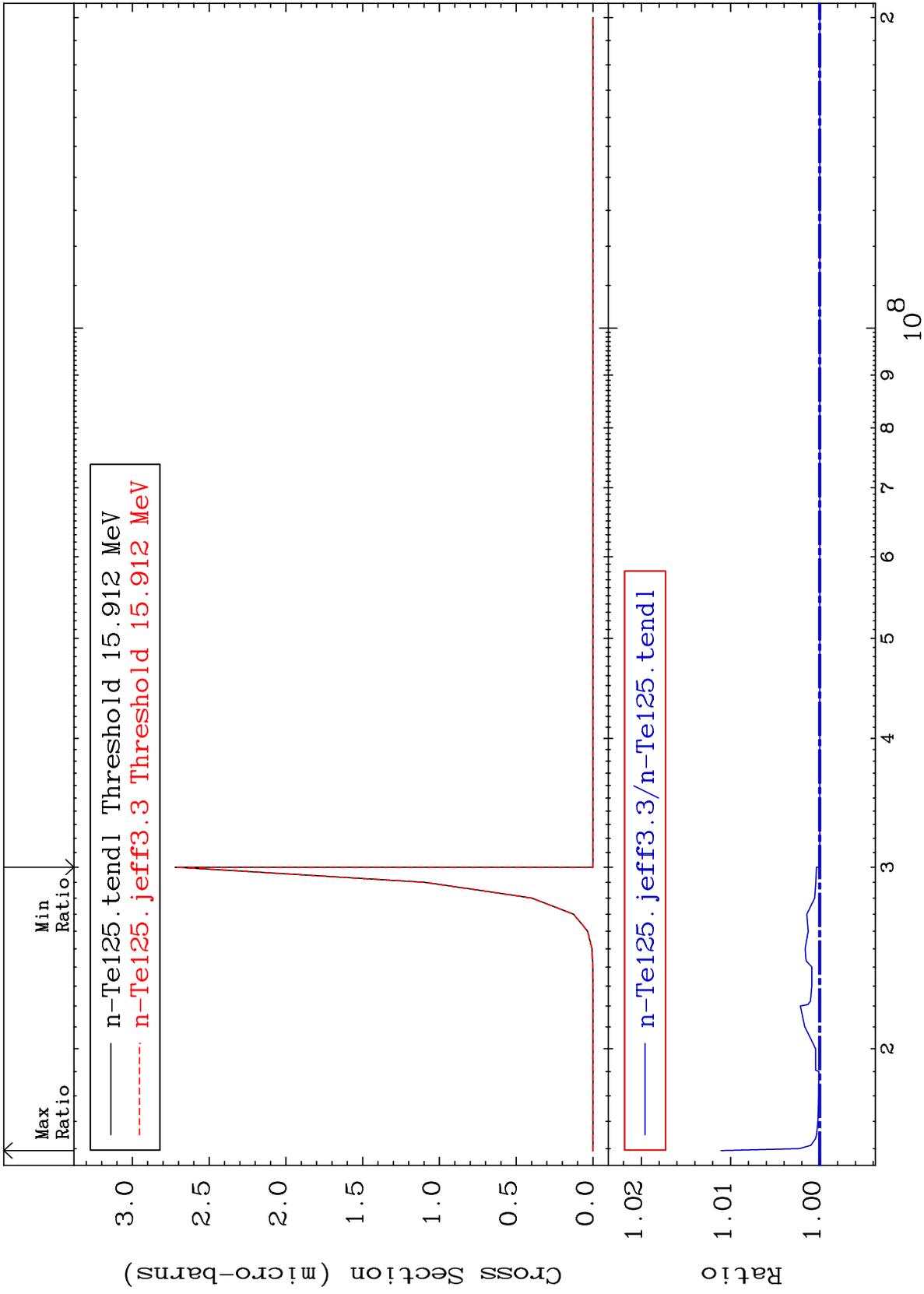


MAT 5240

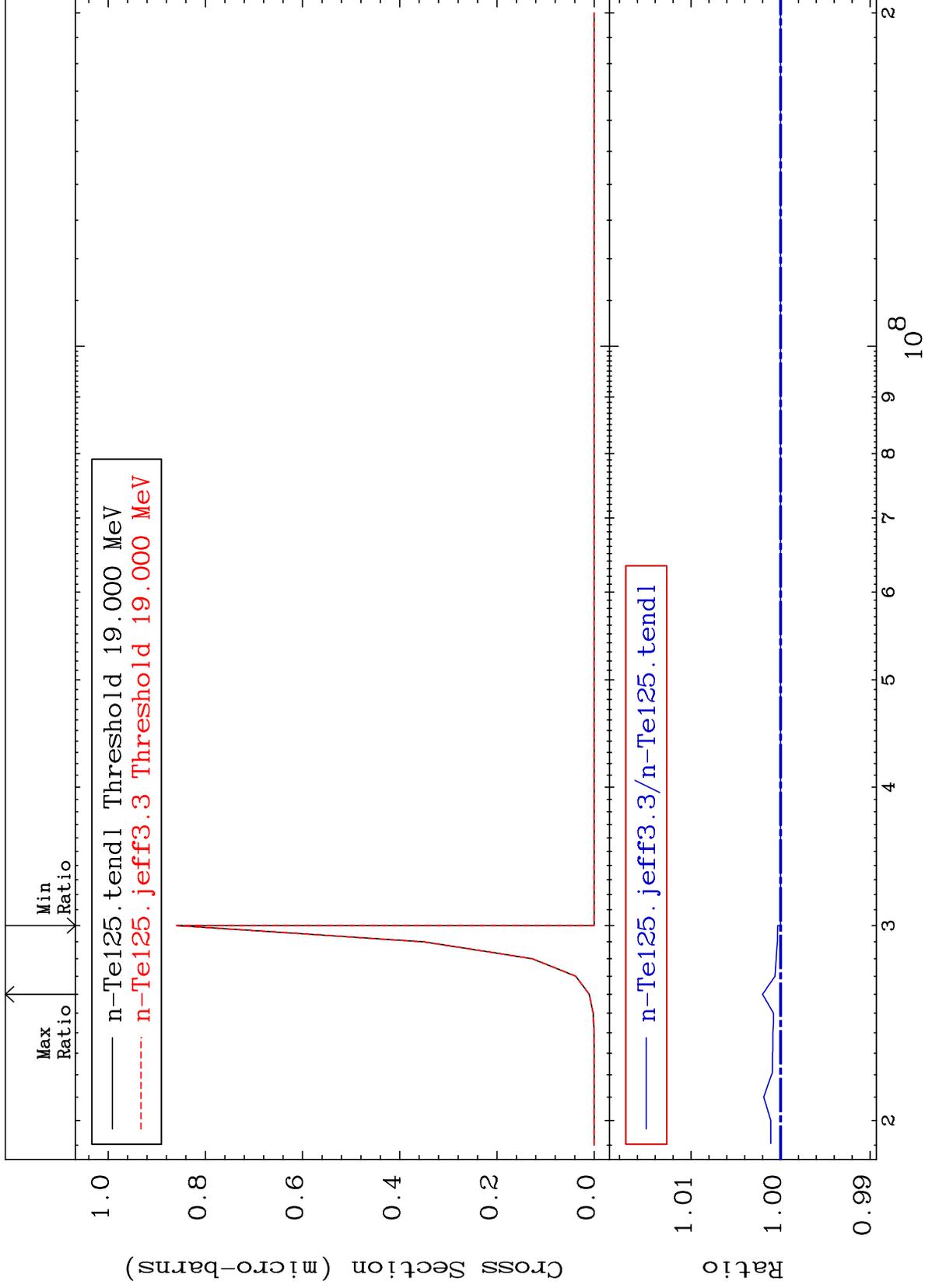
(n,2n) p:50-Sn-123g

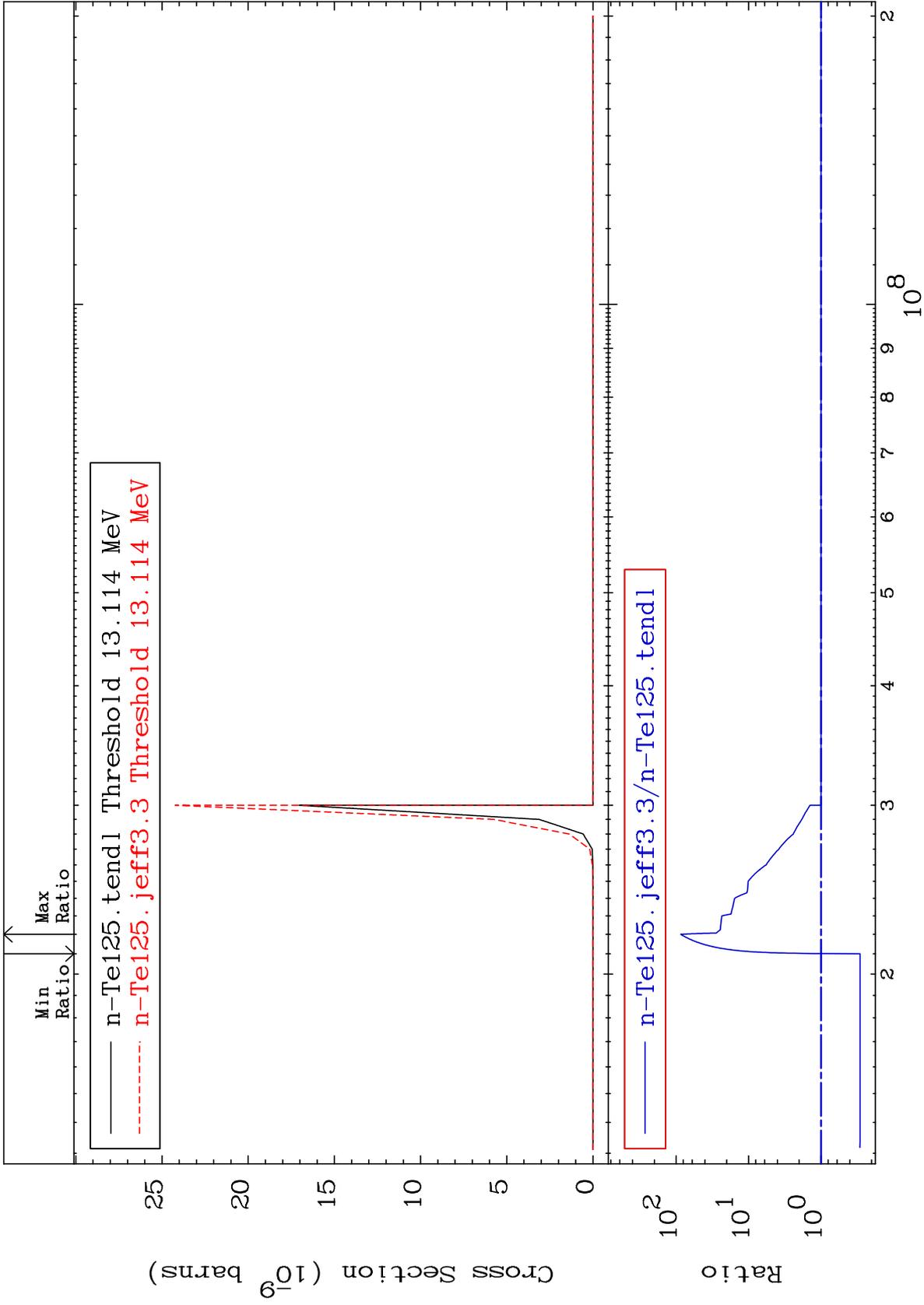
52-Te-125

Radionuclide Production Cross Section 0.000 To 1.106 %

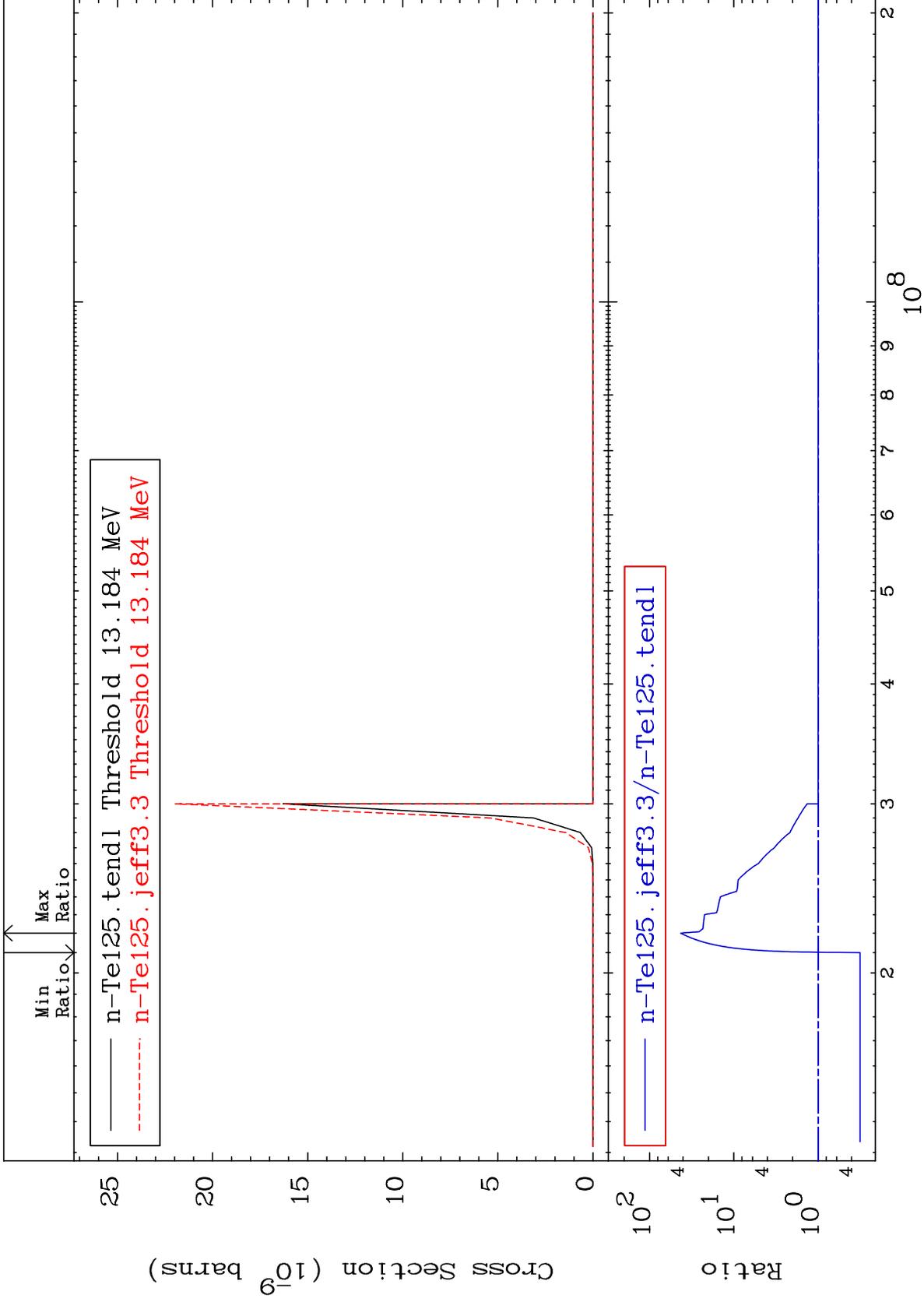


Radionuclide Production Cross Section 0.000 To 0.202 %

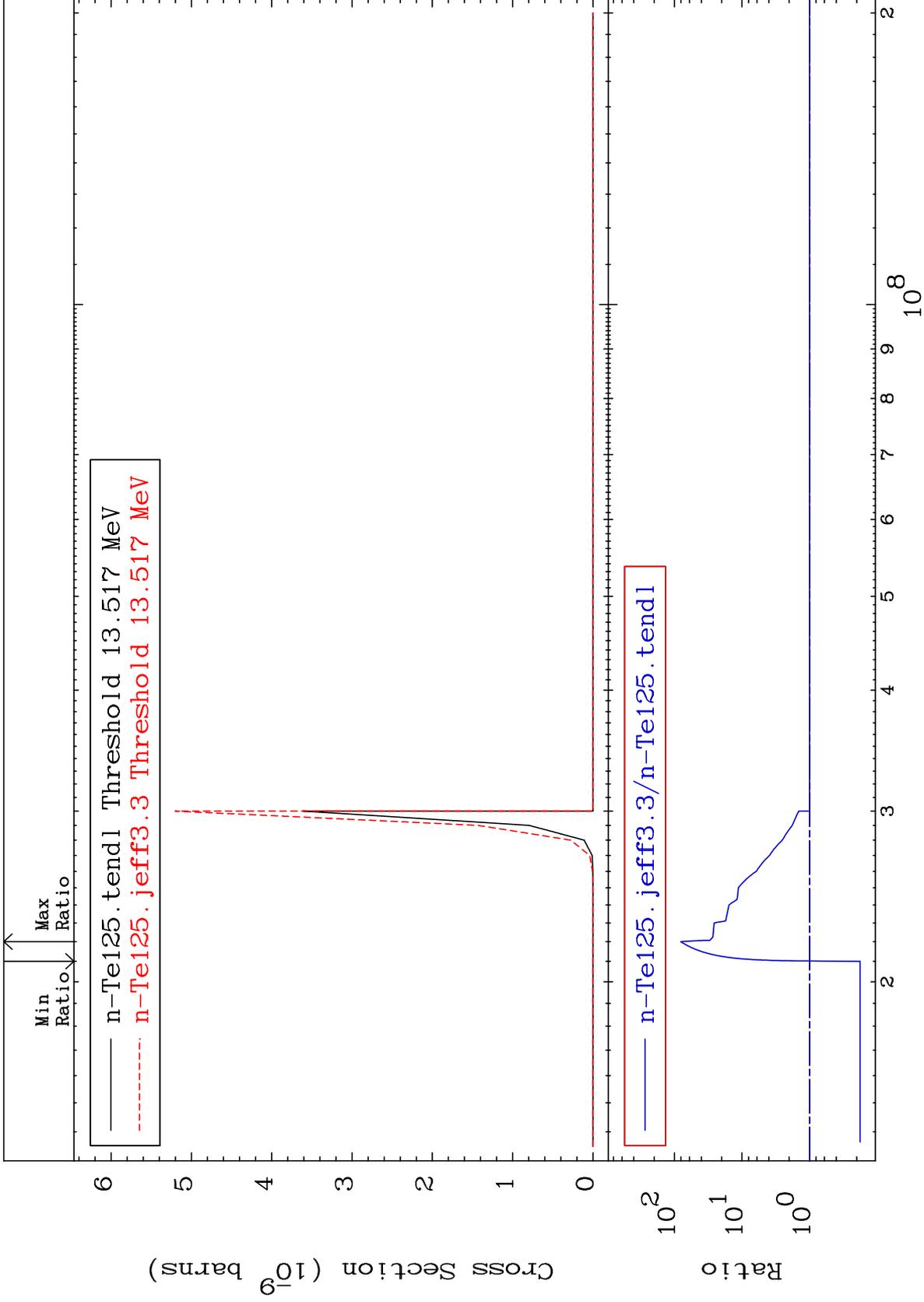




Radionuclide Production Cross Section -68.28 To 4161. %



Radionuclide Production Cross Section -82.20 To 7969. %

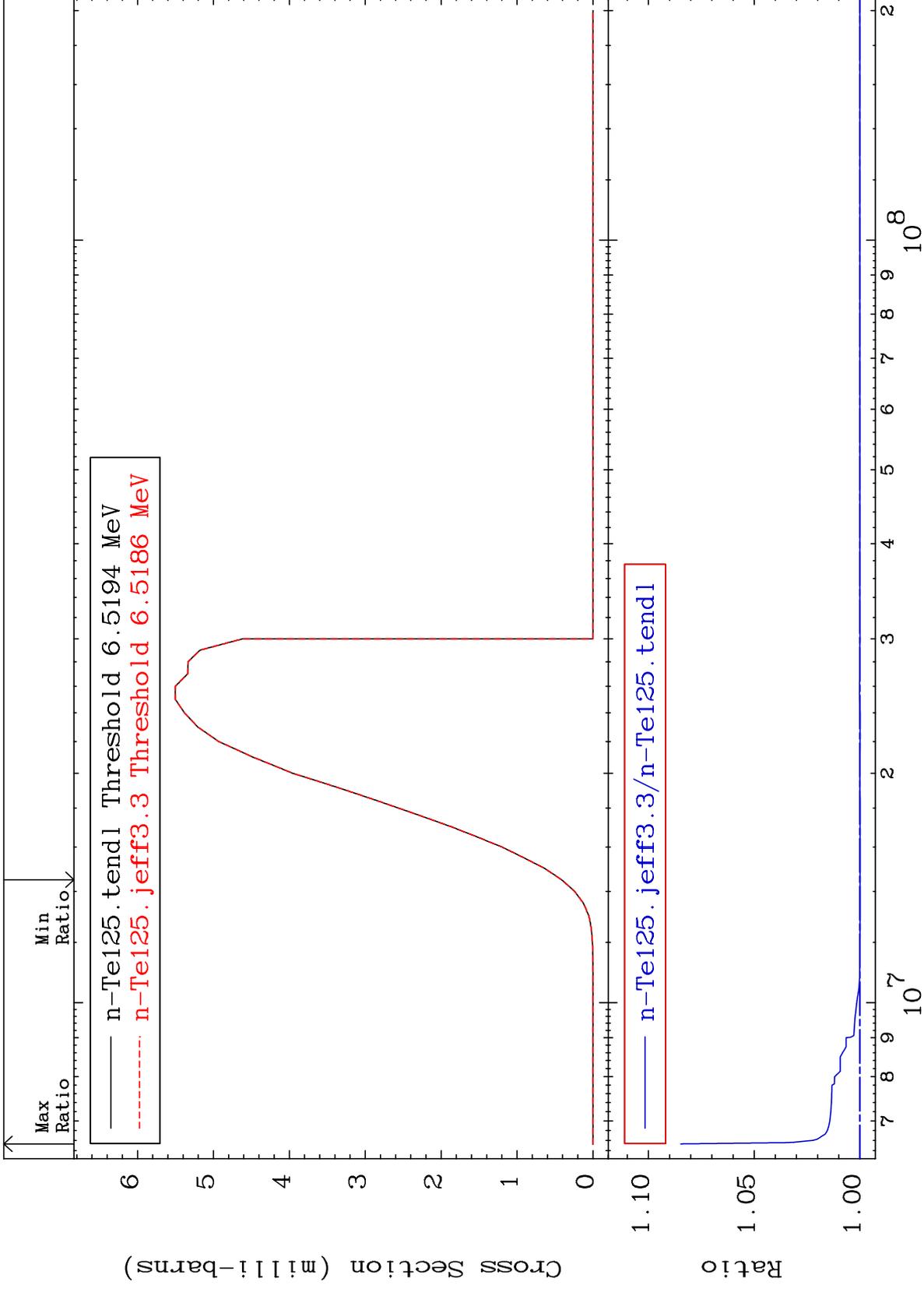


MAT 5240

(n, d) : 51-Sb-124g

52-Te-125

Radionuclide Production Cross Section -0.007 To 8.471 %



99

Incident Energy (eV)

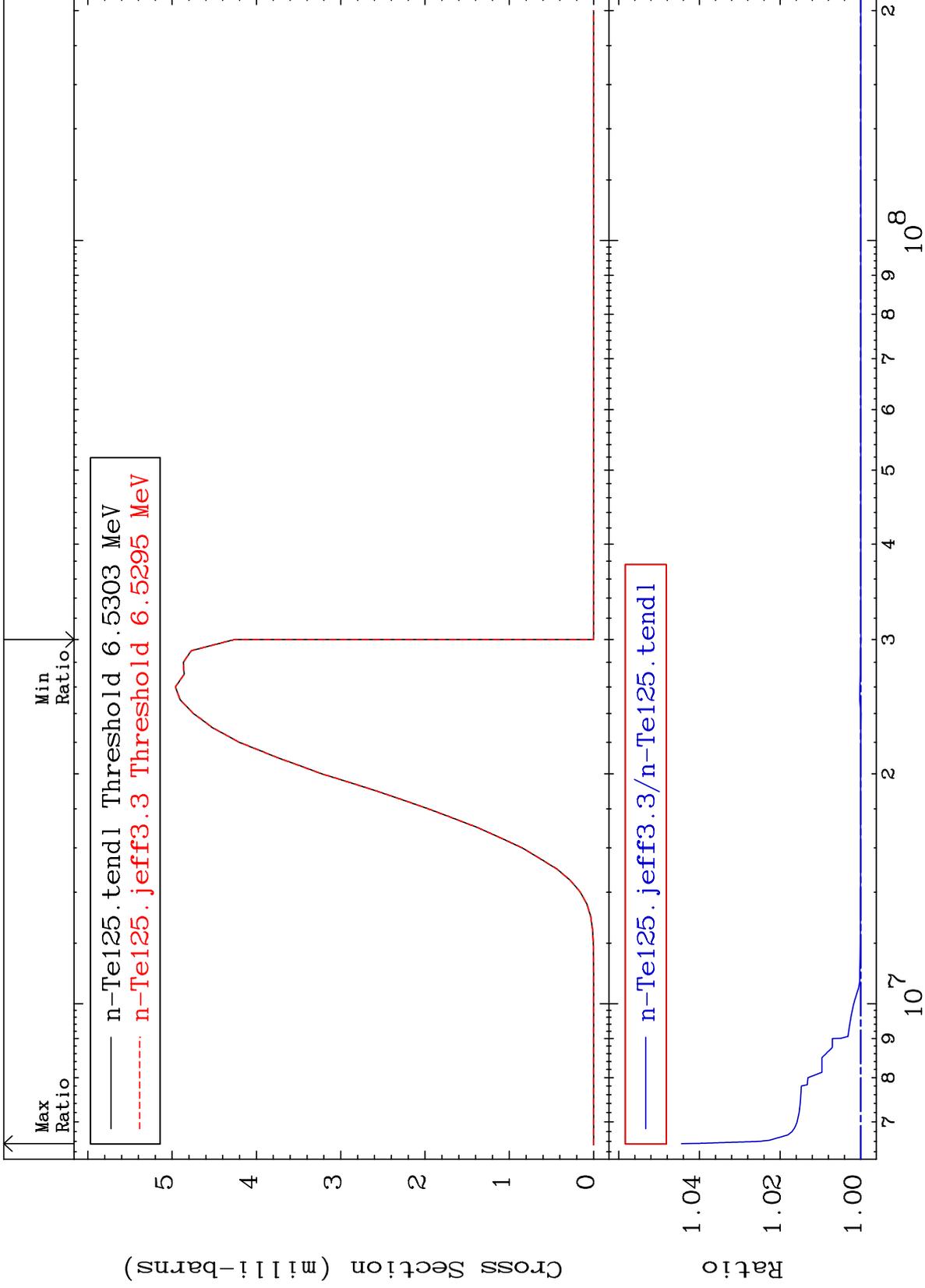
52-Te-125

MAT 5240

(n, d) :51-Sb-124m1

52-Te-125

Radionuclide Production Cross Section -0.008 To 4.444 %



100

Incident Energy (eV)

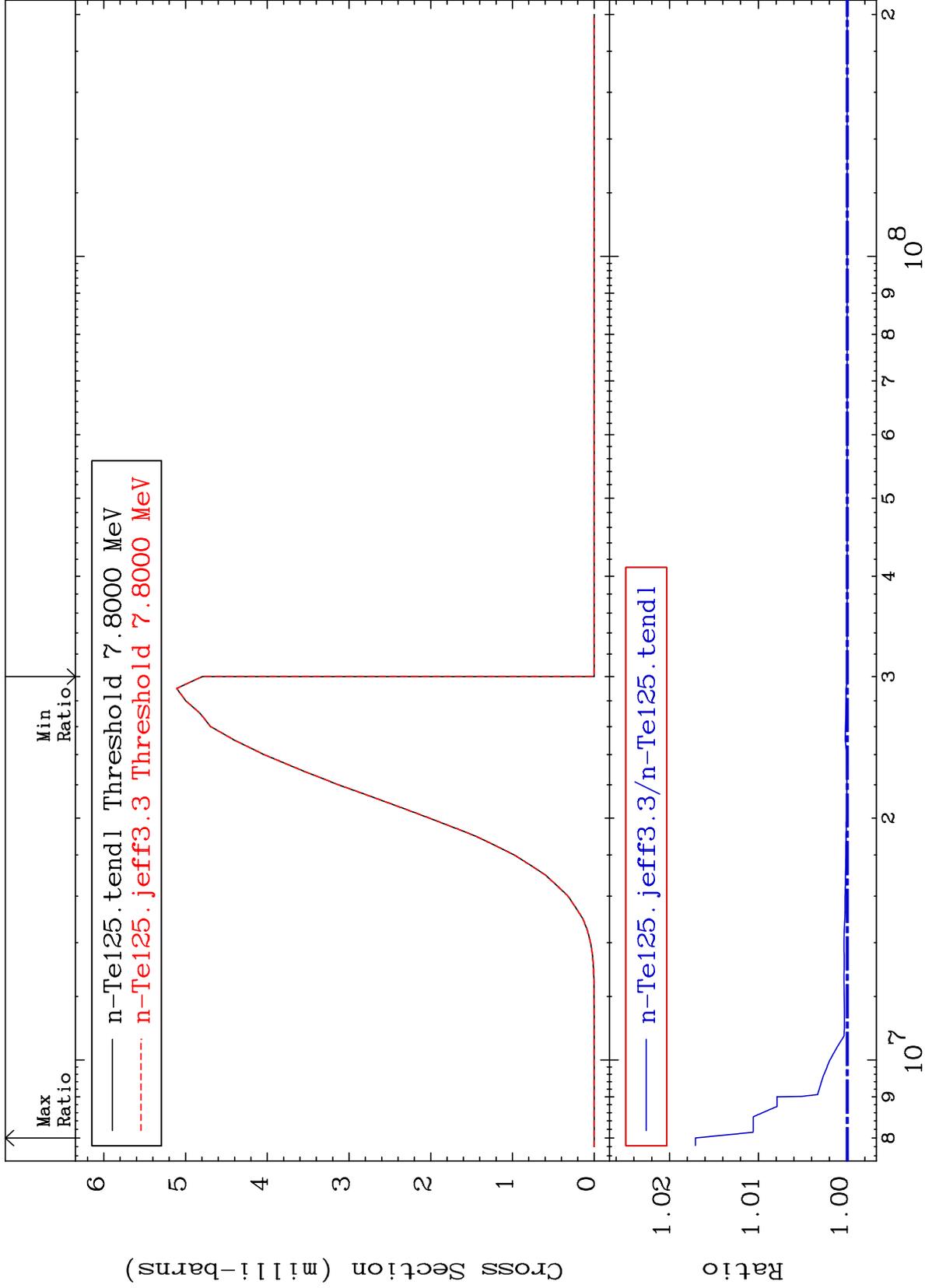
52-Te-125

MAT 5240

(n, d) : 51-Sb-124m2

52-Te-125

Radionuclide Production Cross Section -0.004 To 1.708 %



101

Incident Energy (eV)

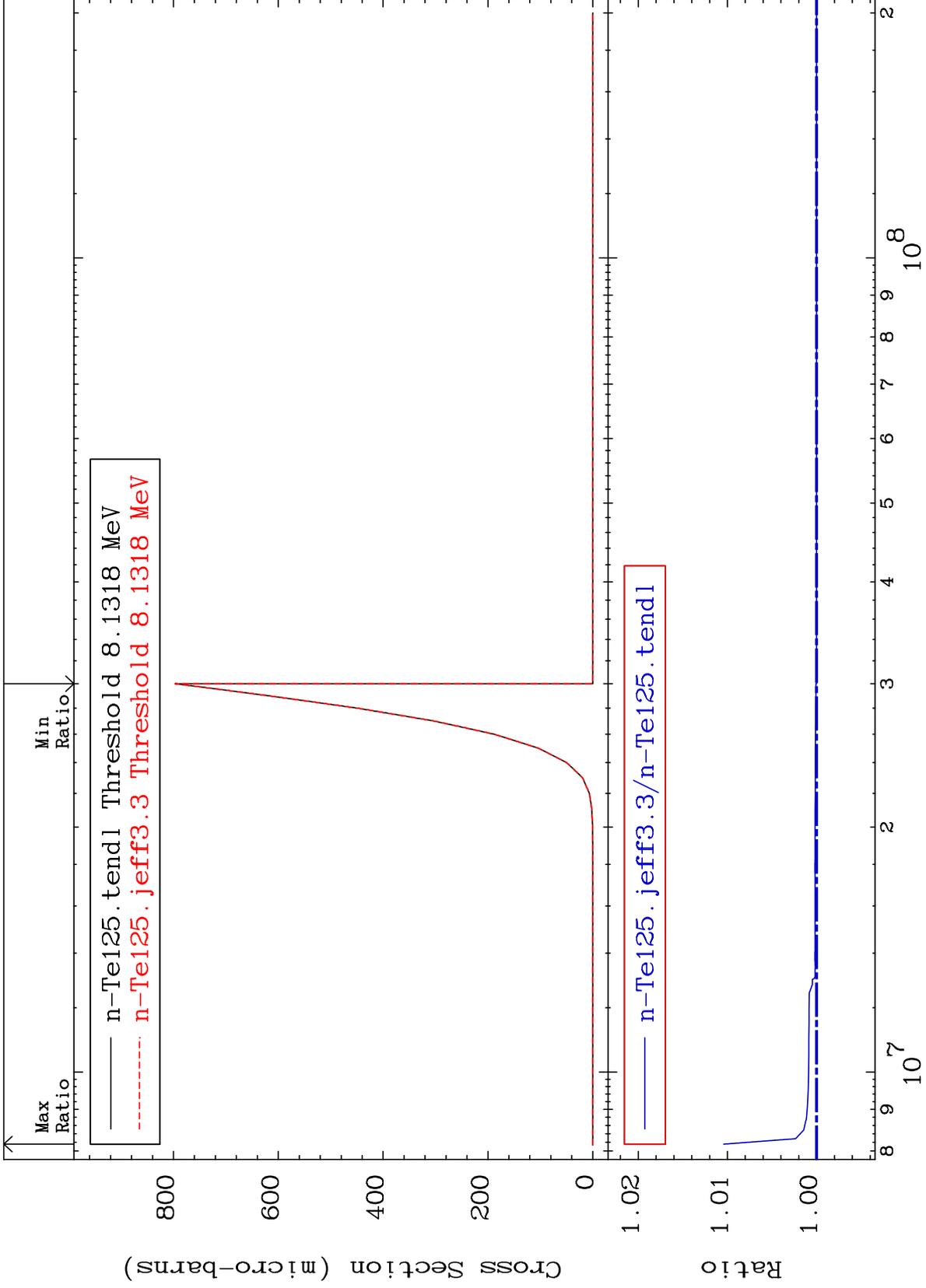
52-Te-125

MAT 5240

(n,He-3):50-Sn-123g

52-Te-125

Radionuclide Production Cross Section 0.000 To 1.042 %



102

Incident Energy (eV)

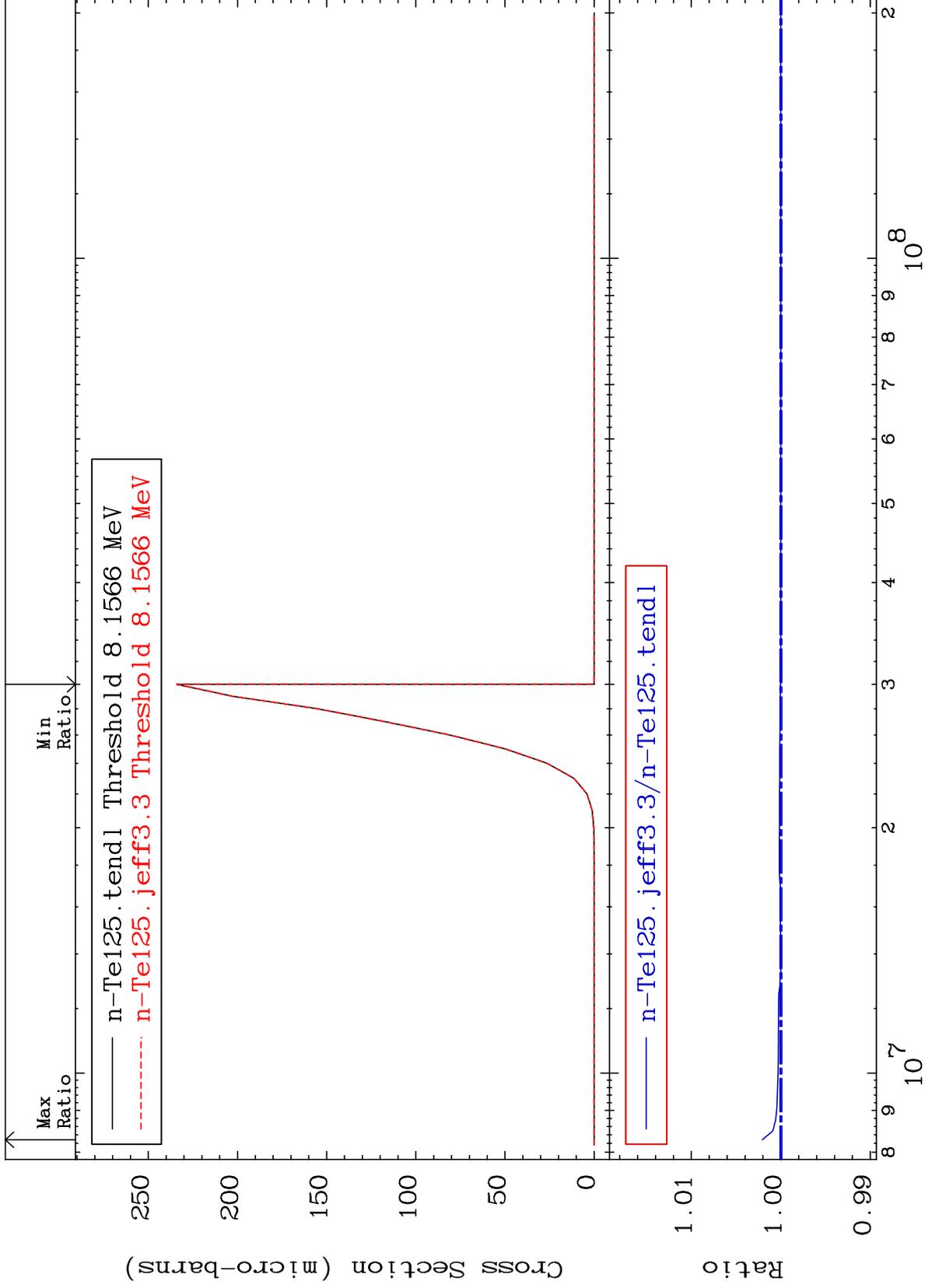
52-Te-125

MAT 5240

(n,He-3):50-Sn-123m1

52-Te-125

Radionuclide Production Cross Section 0.000 To 0.208 %



103

Incident Energy (eV)

52-Te-125

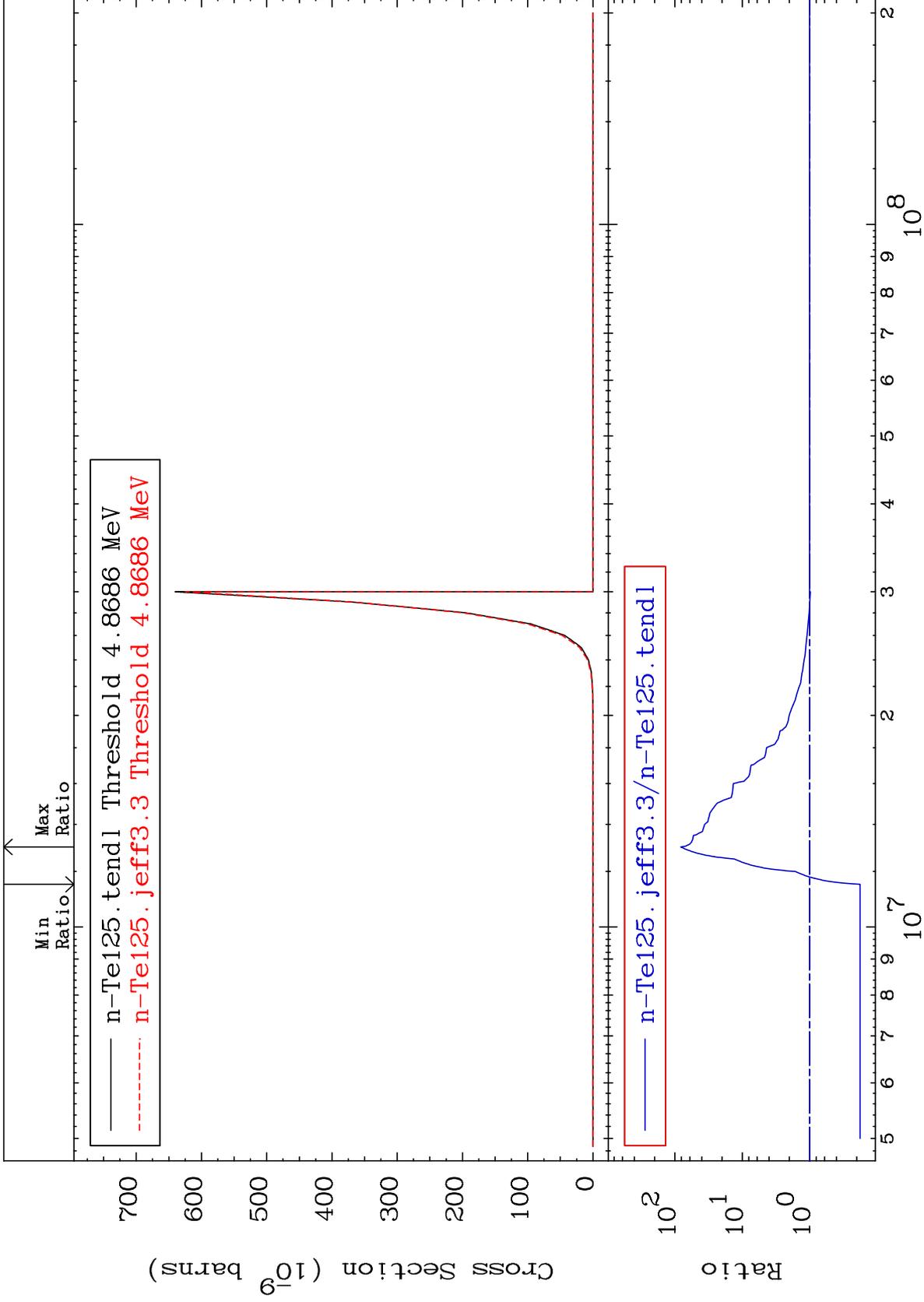
MAT 5240

(n, p) α : 49-In-121g

52-Te-125

Radionuclide Production Cross Section

-82.18 To 8090. %

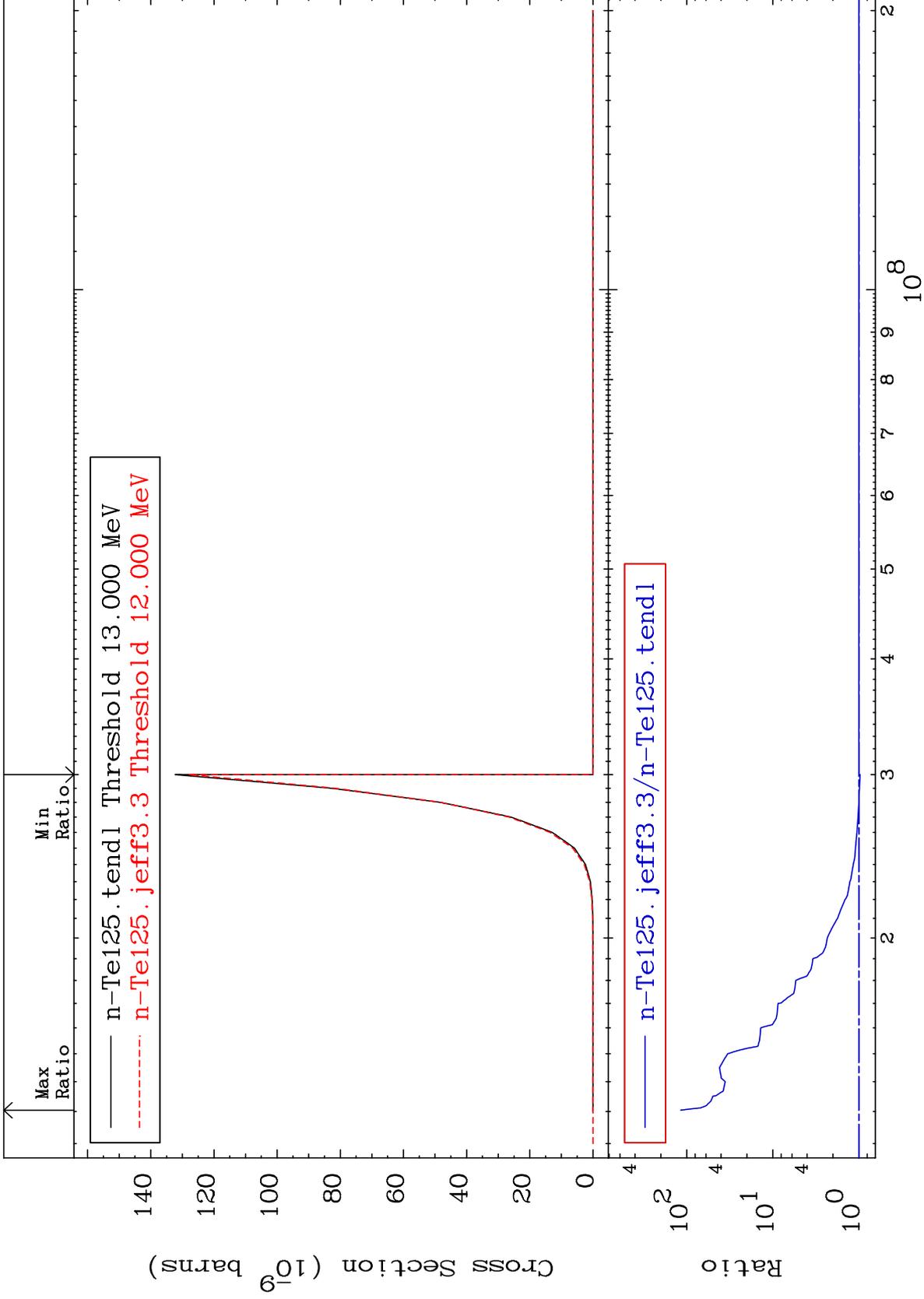


104

Incident Energy (eV)

52-Te-125

Radionuclide Production Cross Section -3.135 To 9999. %

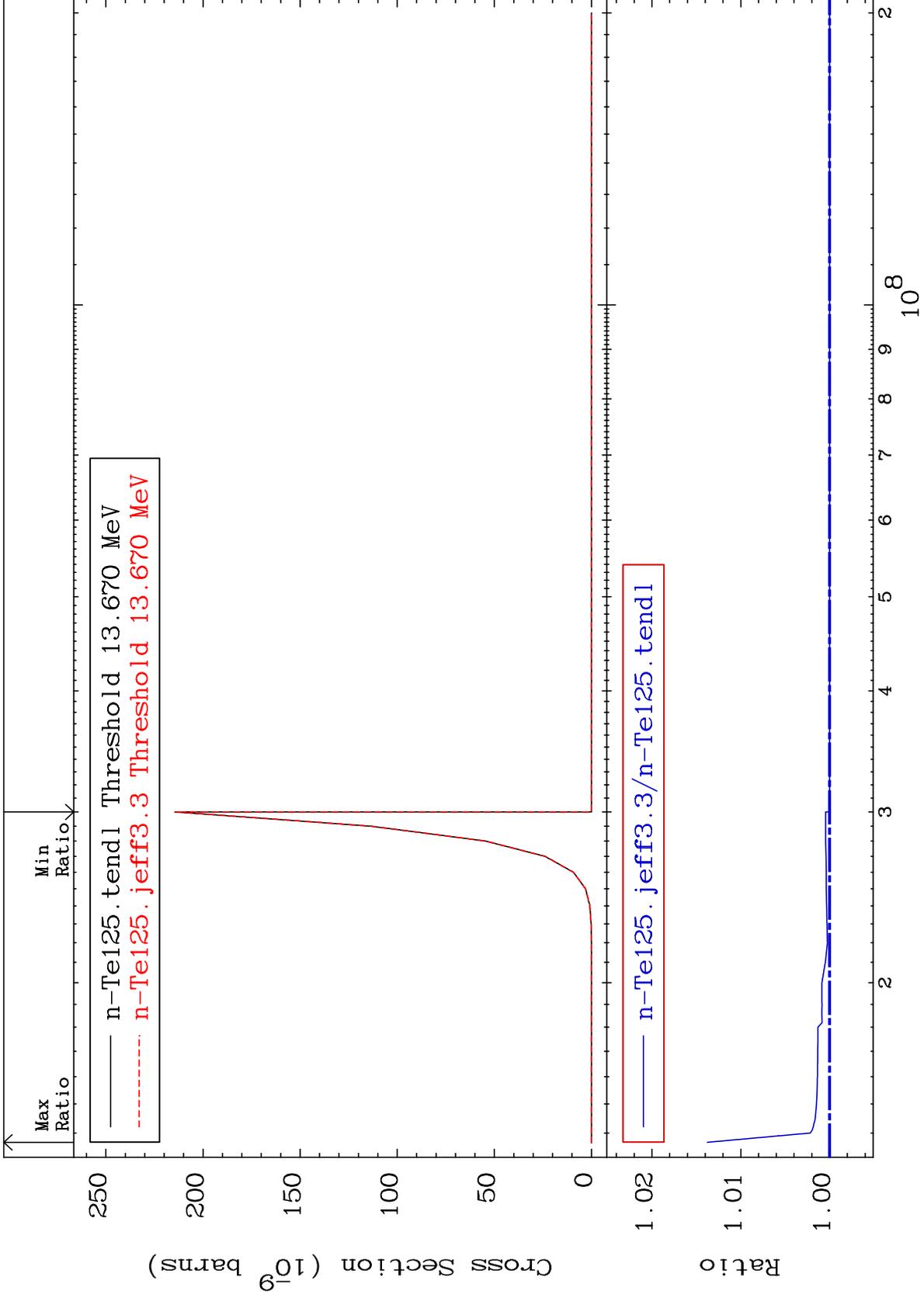


MAT 5240

(n, p) d:50-Sn-123g

52-Te-125
To 1.376 %

Radionuclide Production Cross Section 0.000



106

Incident Energy (eV)

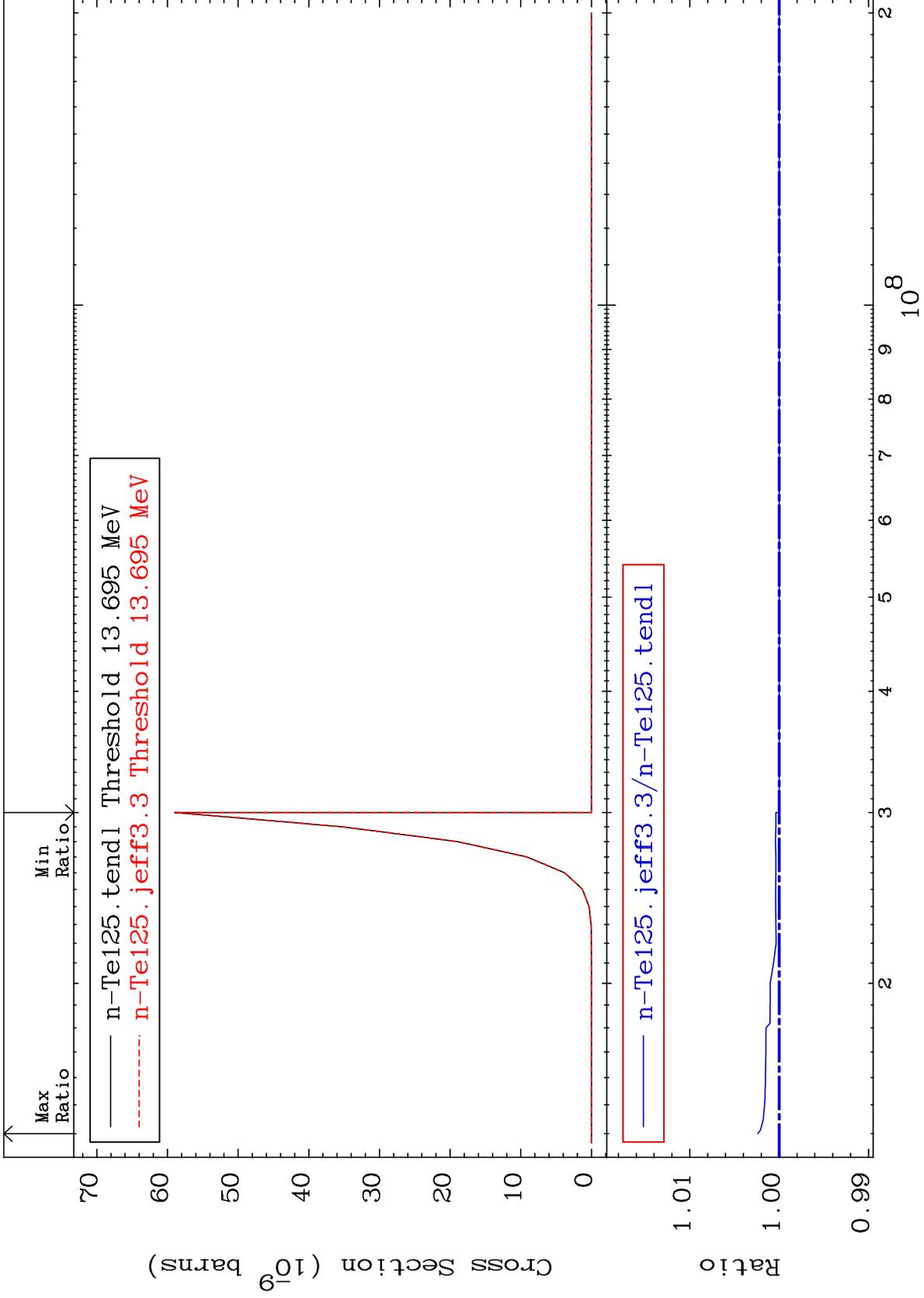
52-Te-125

MAT 5240

(n, p) d:50-Sn-123m1

52-Te-125

Radionuclide Production Cross Section 0.000 To 0.239 %



107

Incident Energy (eV)

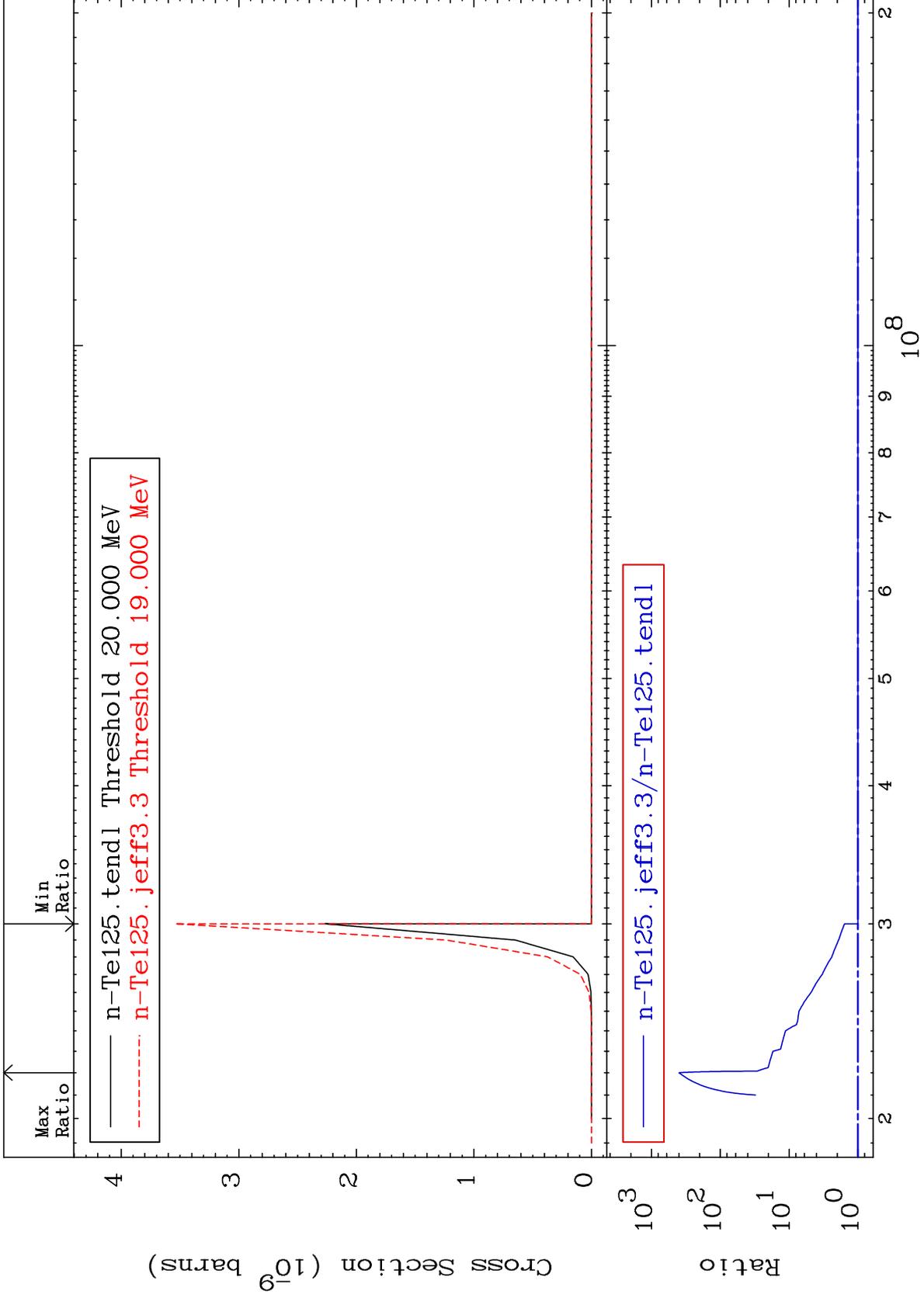
52-Te-125

MAT 5240

(n, d) α : 49-In-120g

52-Te-125

Radionuclide Production Cross Section 0.000 To 9999. %



108

Incident Energy (eV)

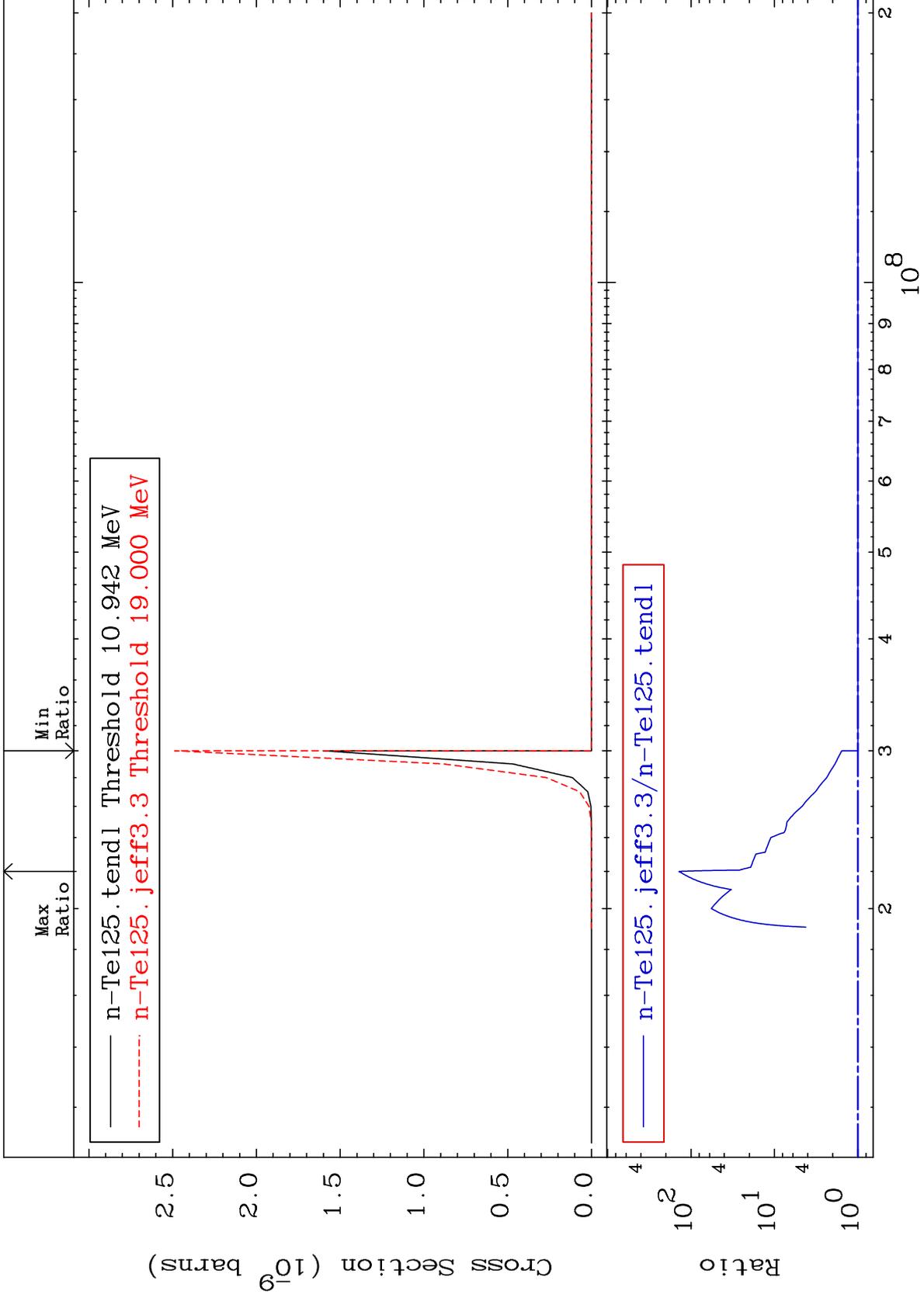
52-Te-125

MAT 5240

(n,d) α :49-In-120m1

52-Te-125

Radionuclide Production Cross Section 0.000 To 9999. %

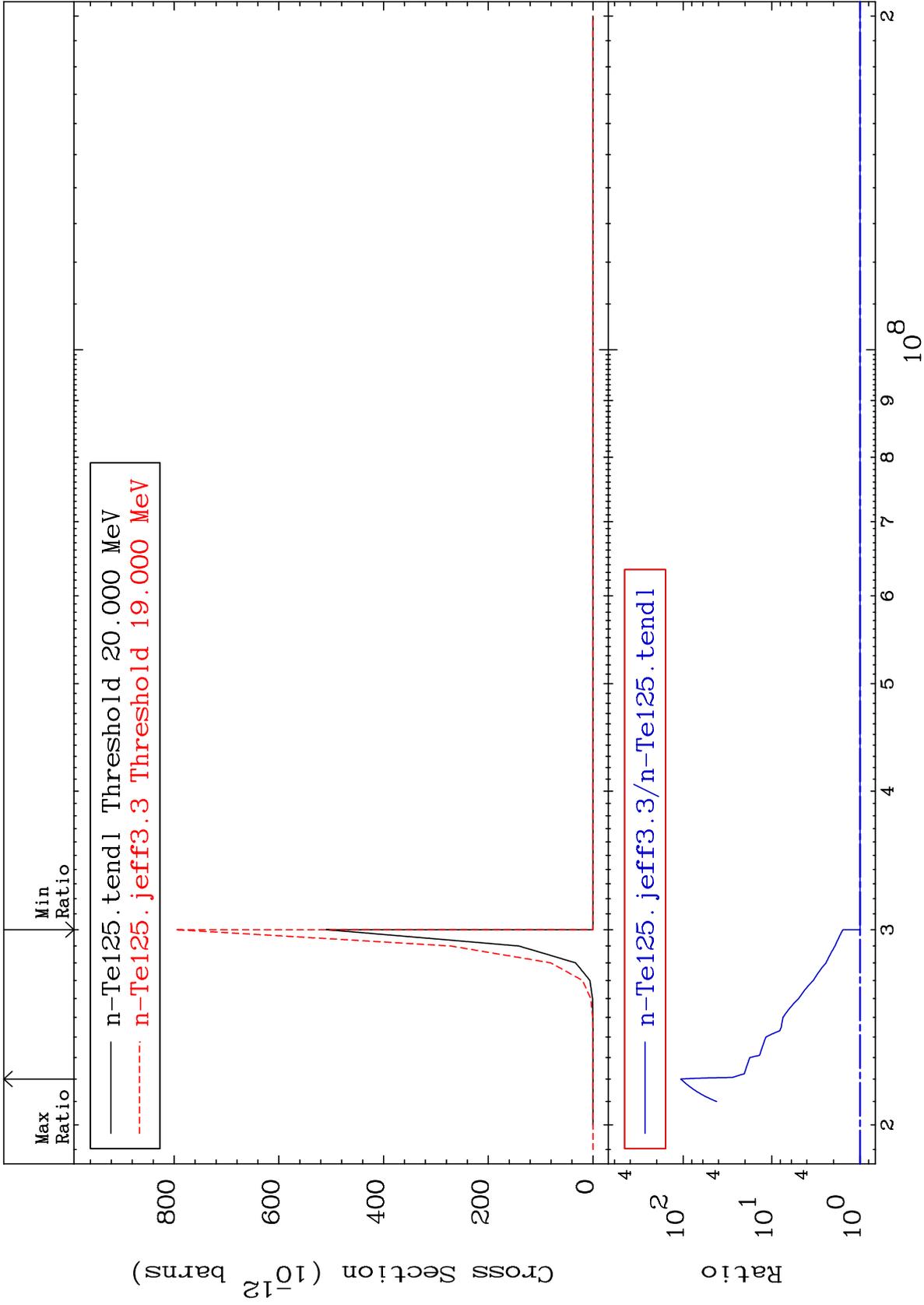


MAT 5240

(n,d) α :49-In-120m2

52-Te-125

Radionuclide Production Cross Section 0.000 To 9999. %



110

Incident Energy (eV)

52-Te-125