

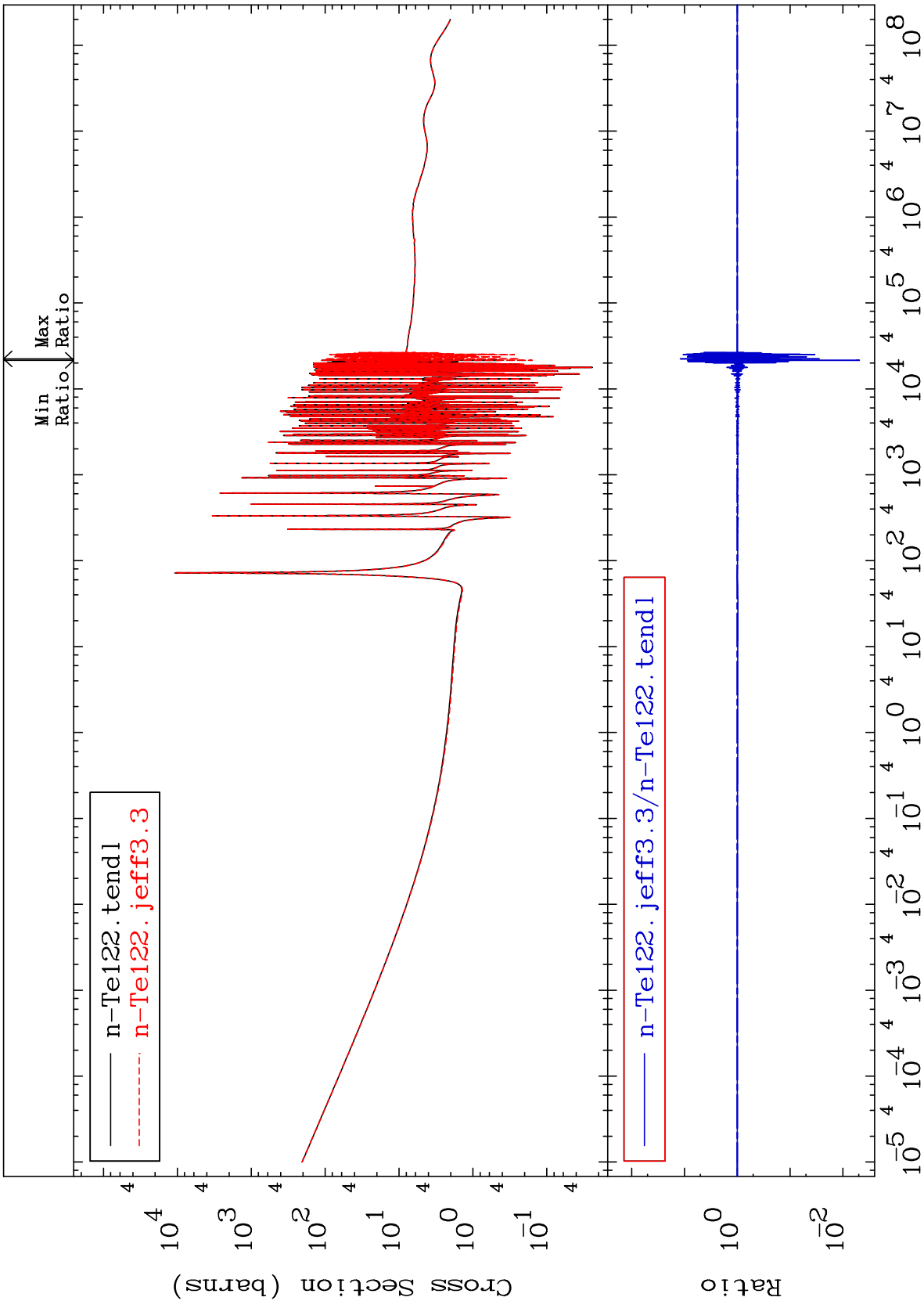
MAT 5231

Total

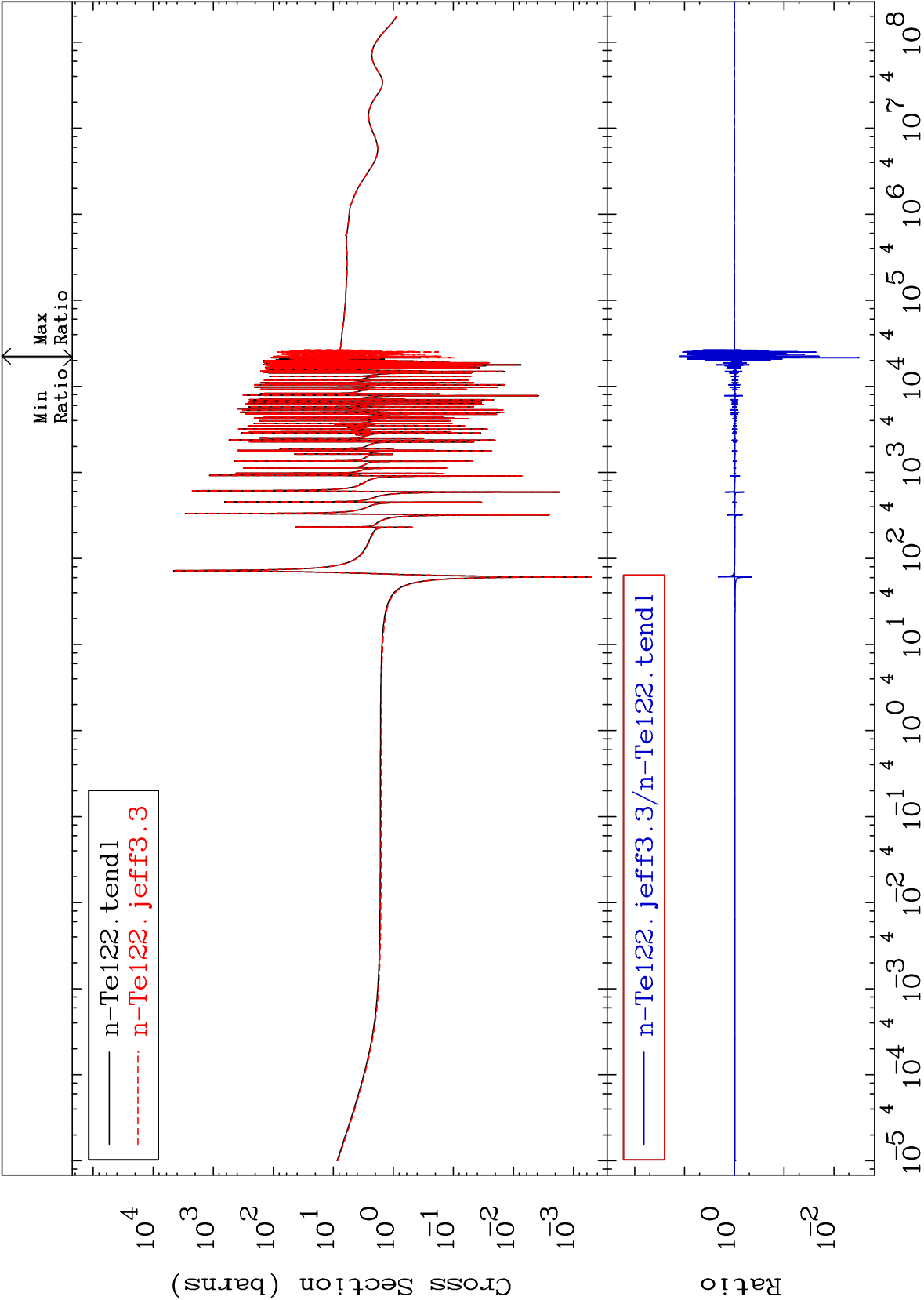
52-Te-122

Cross Section

-99.51 To 1106. %

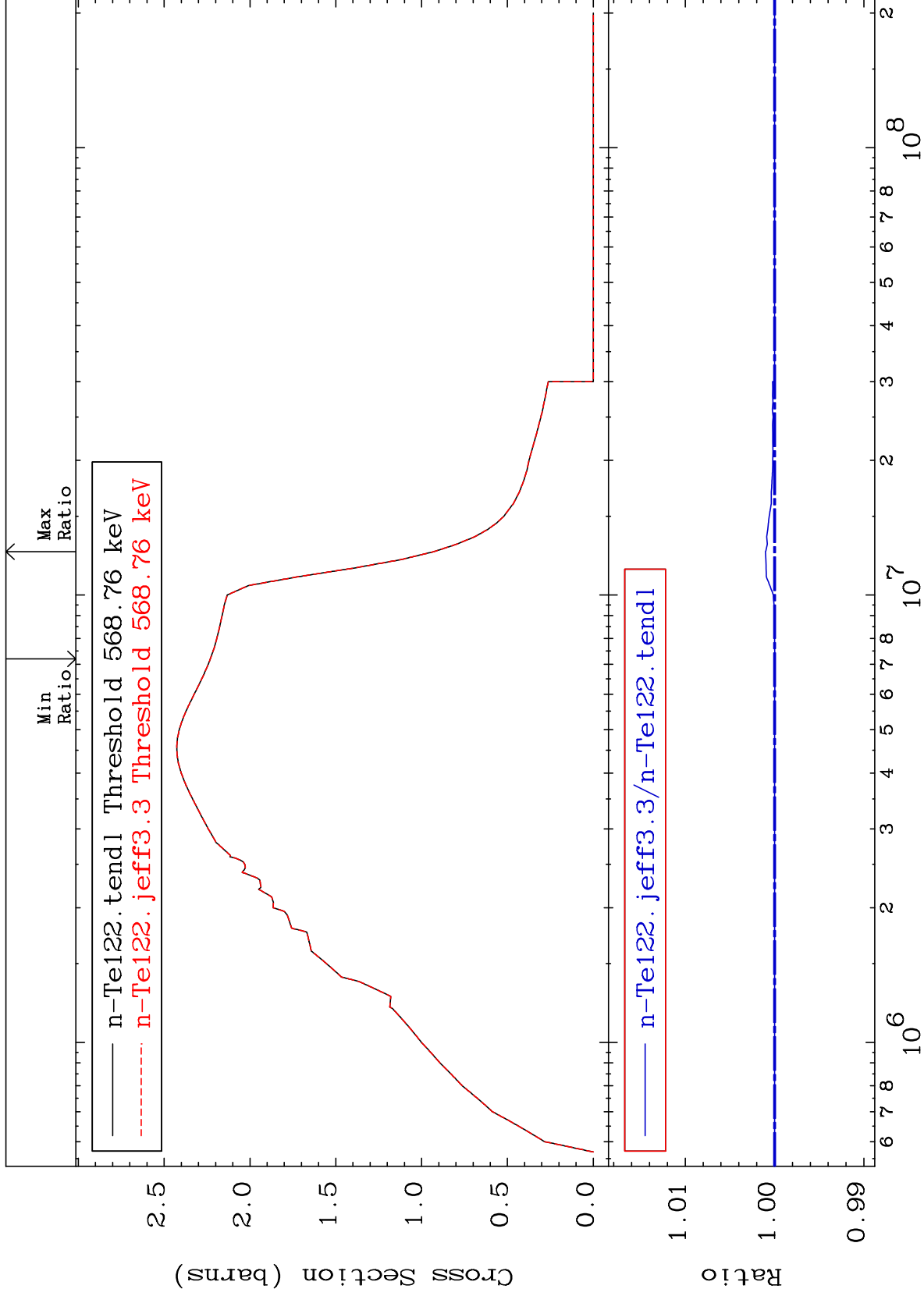


52-Te-122



Inelastic
Cross Section

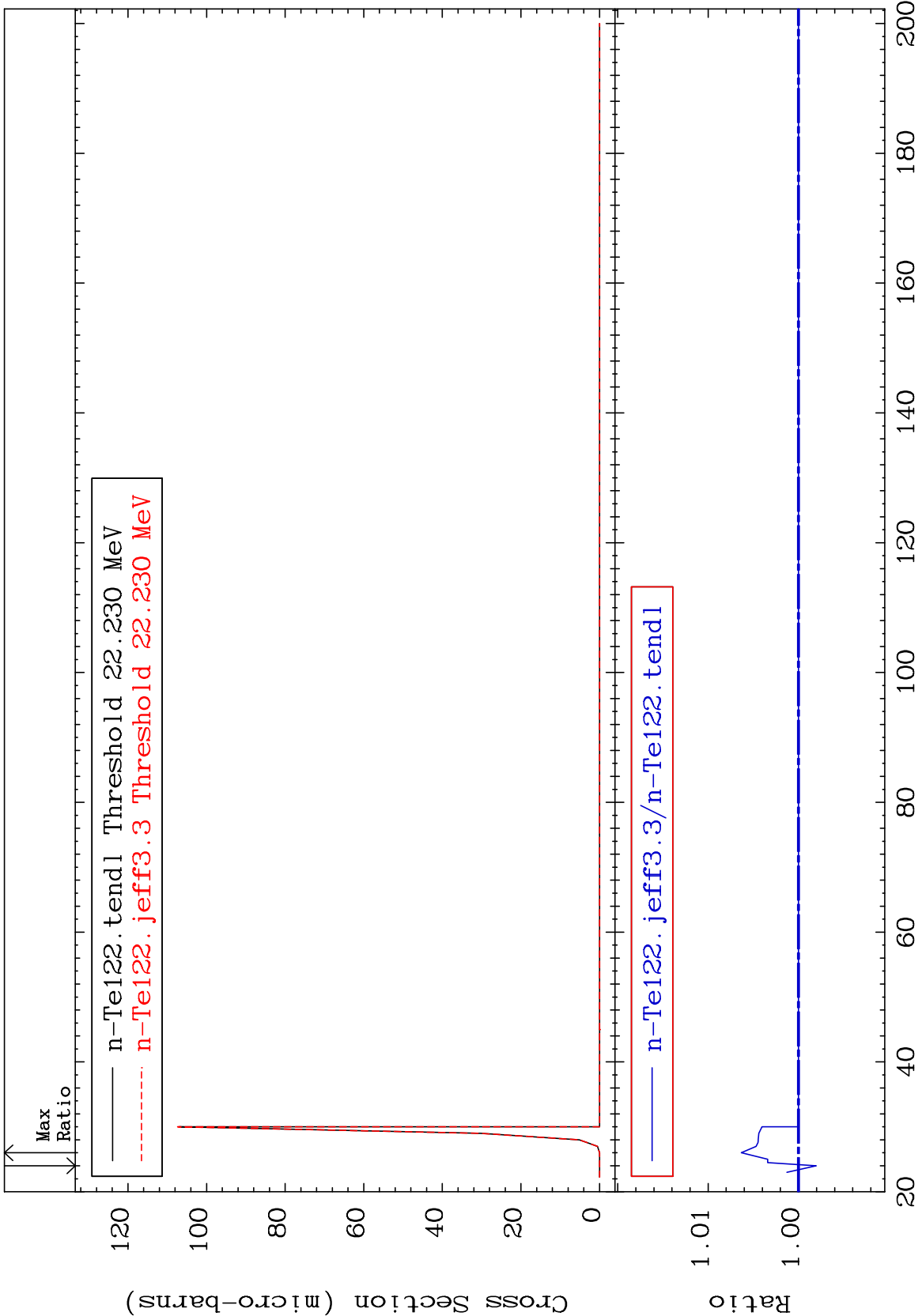
-0.002 To 0.101 %



MAT 5231

(n,2n) d
Cross Section

52-Te-122
-0.196 To 0.633 %



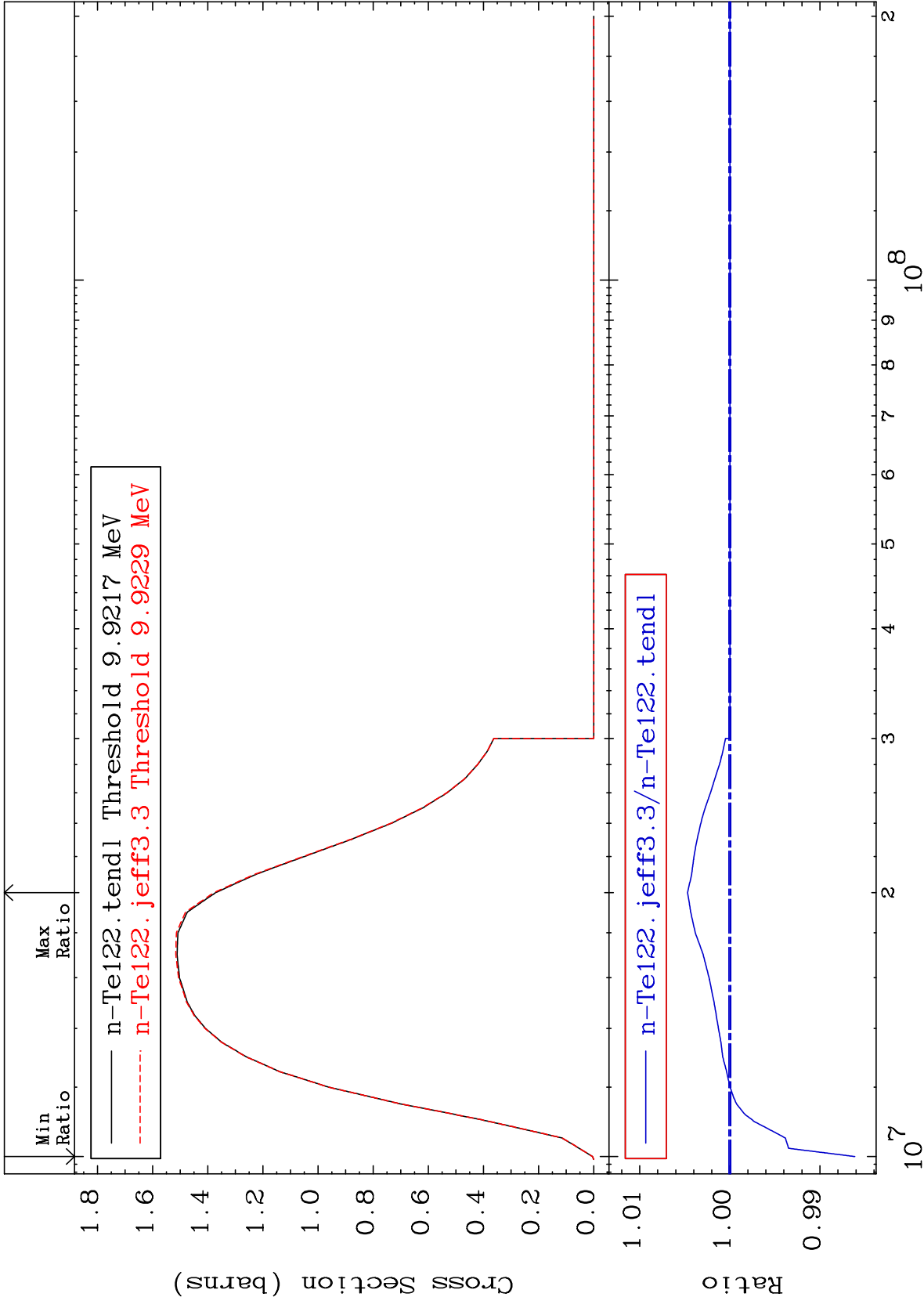
MAT 5231

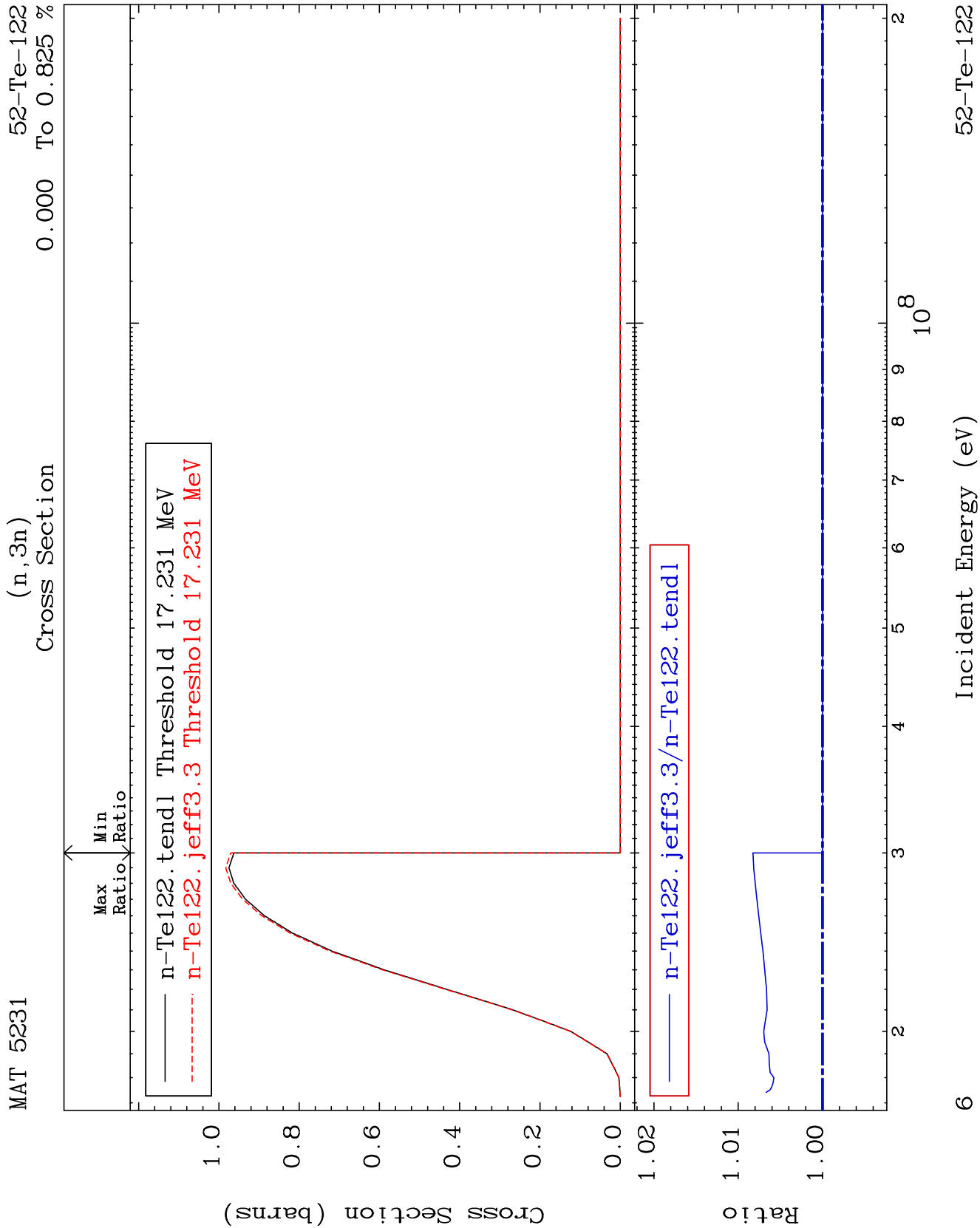
(n,2n)

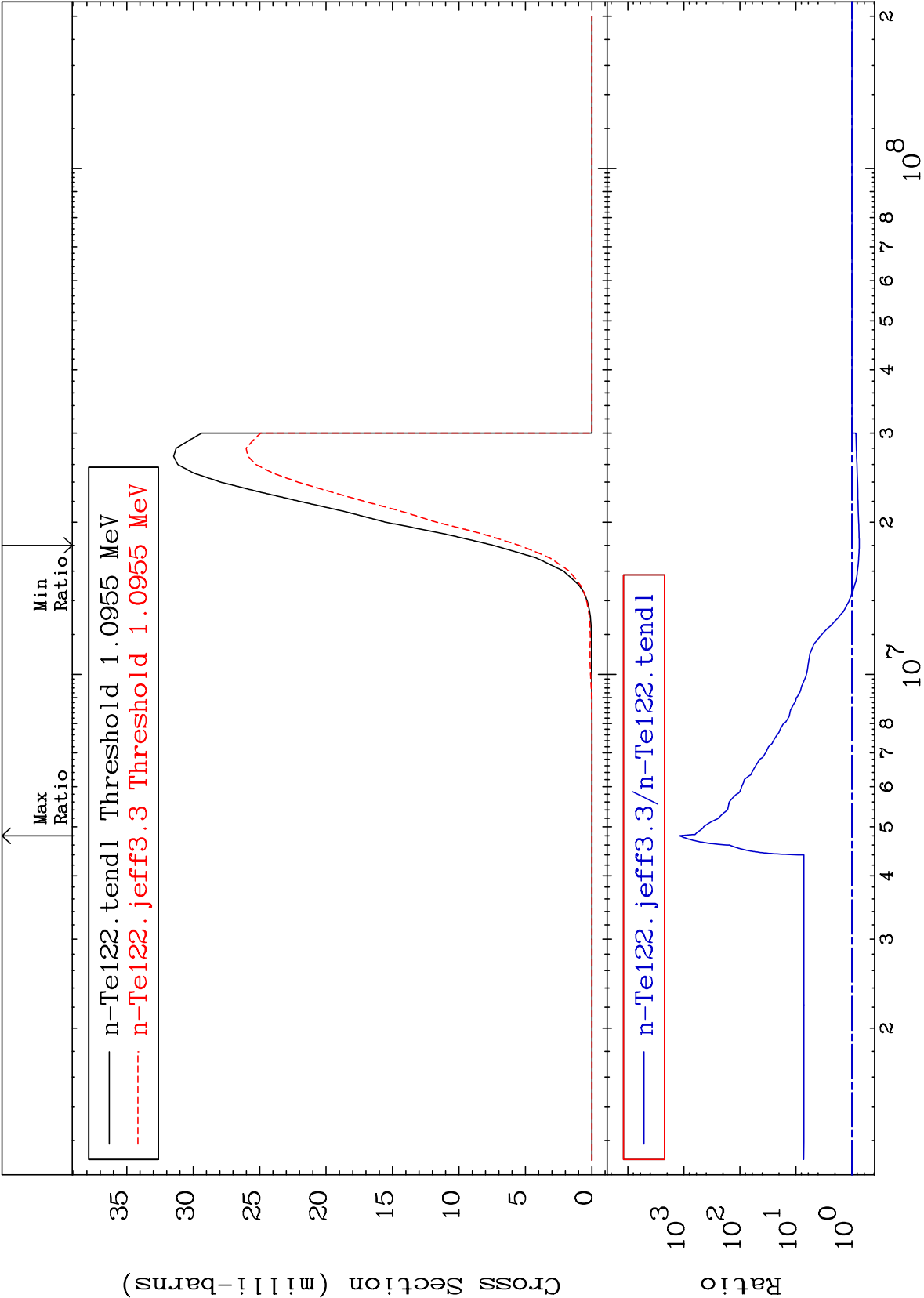
52-Te-122

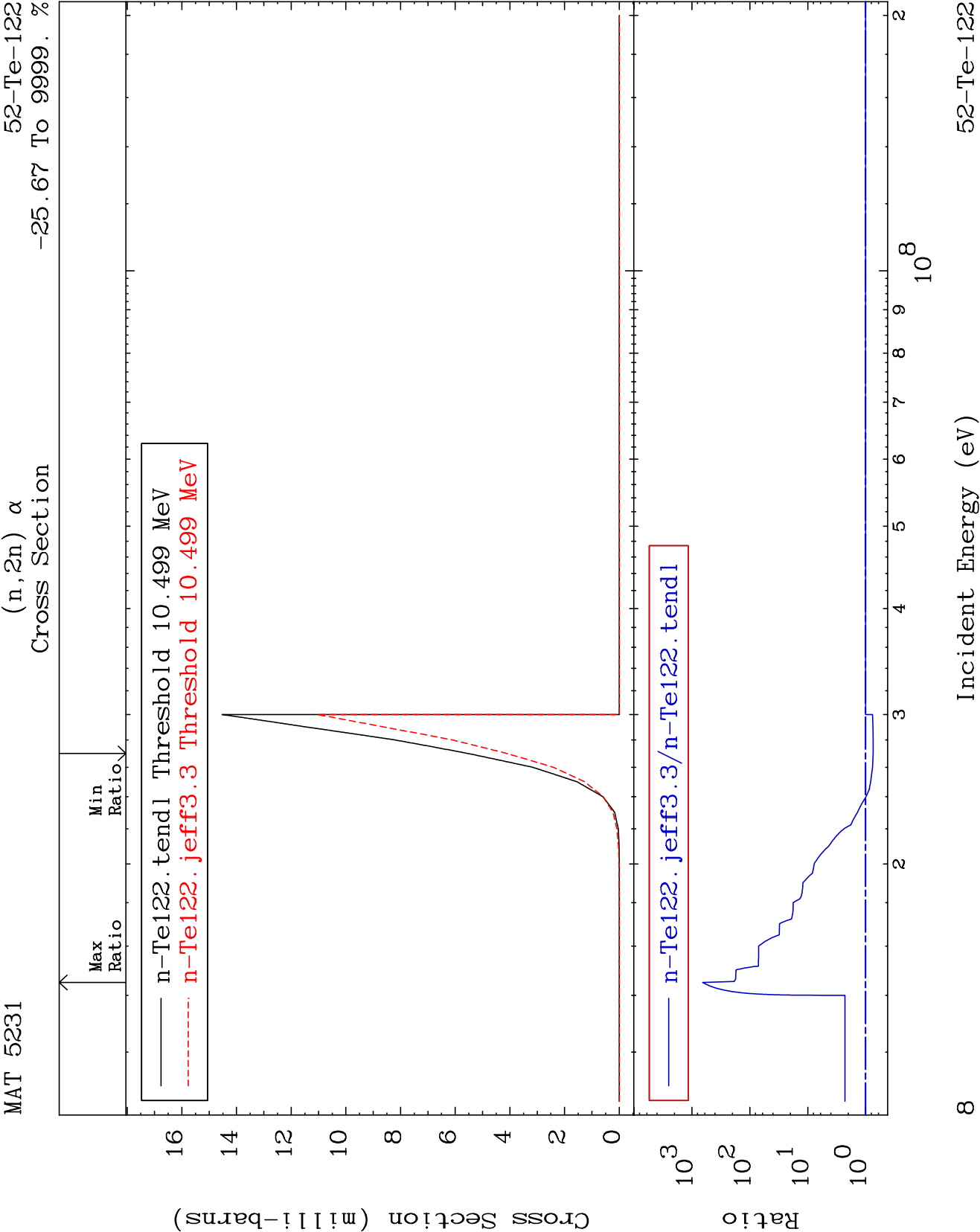
Cross Section

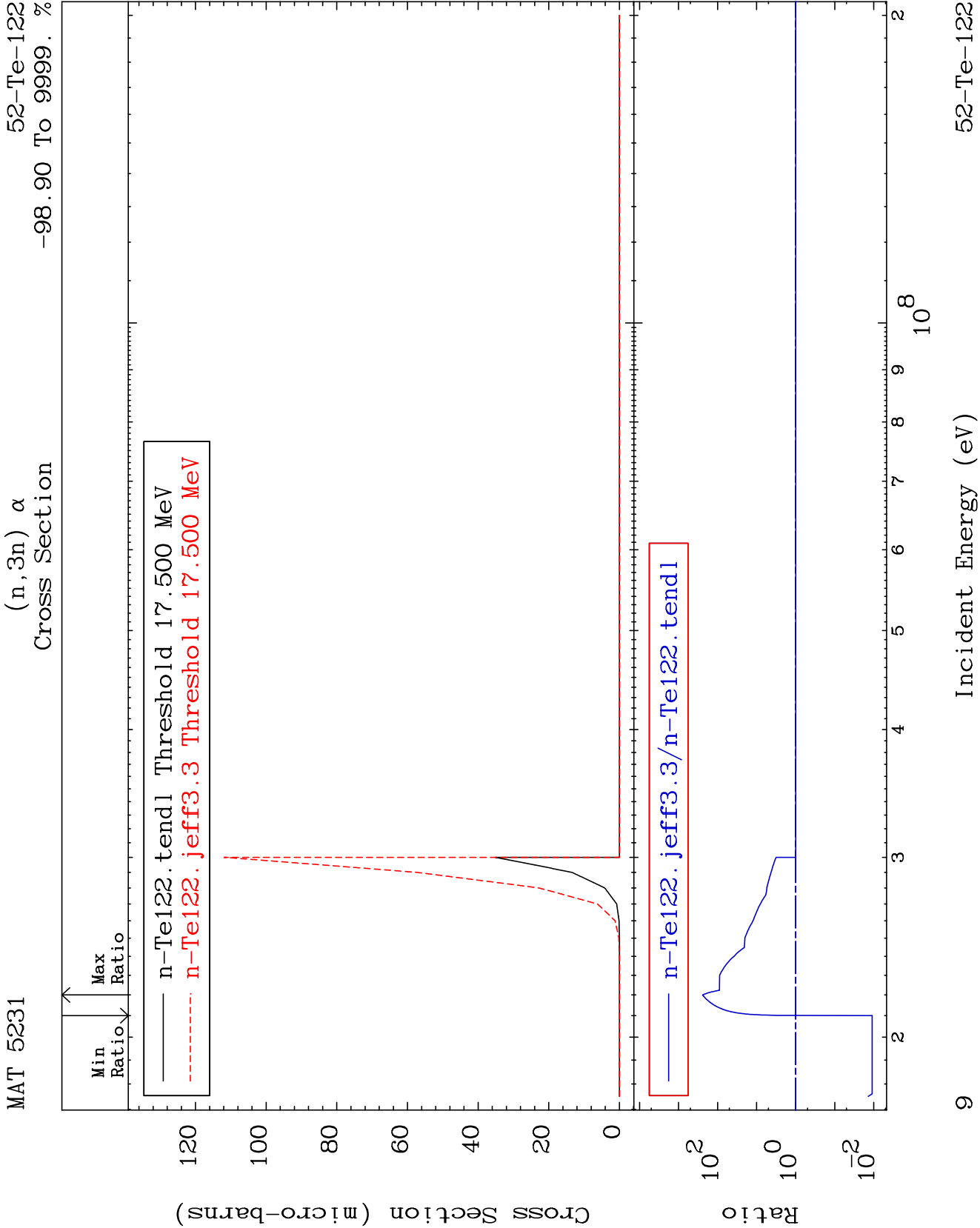
-1.387 To 0.469 %







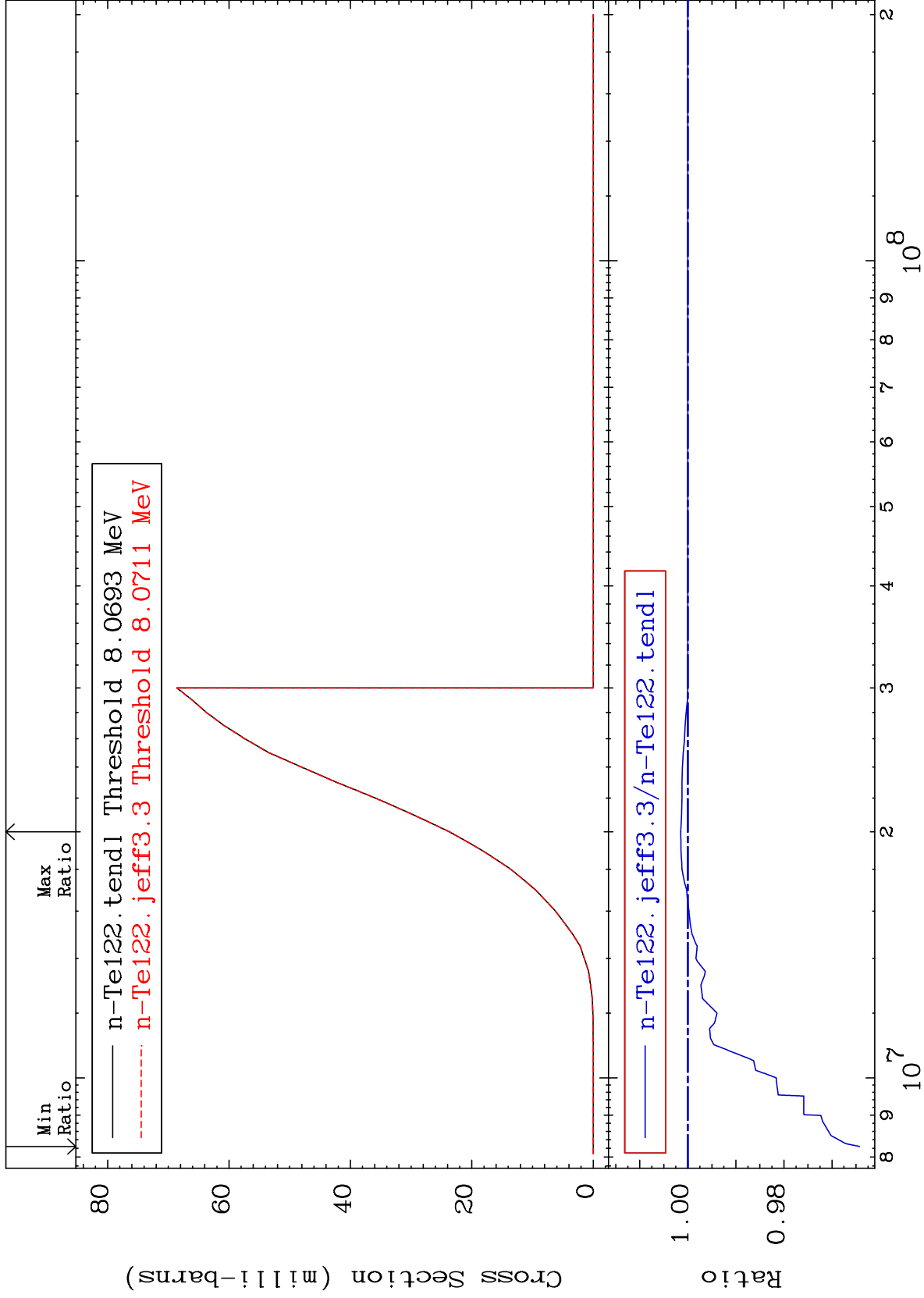




MAT 5231

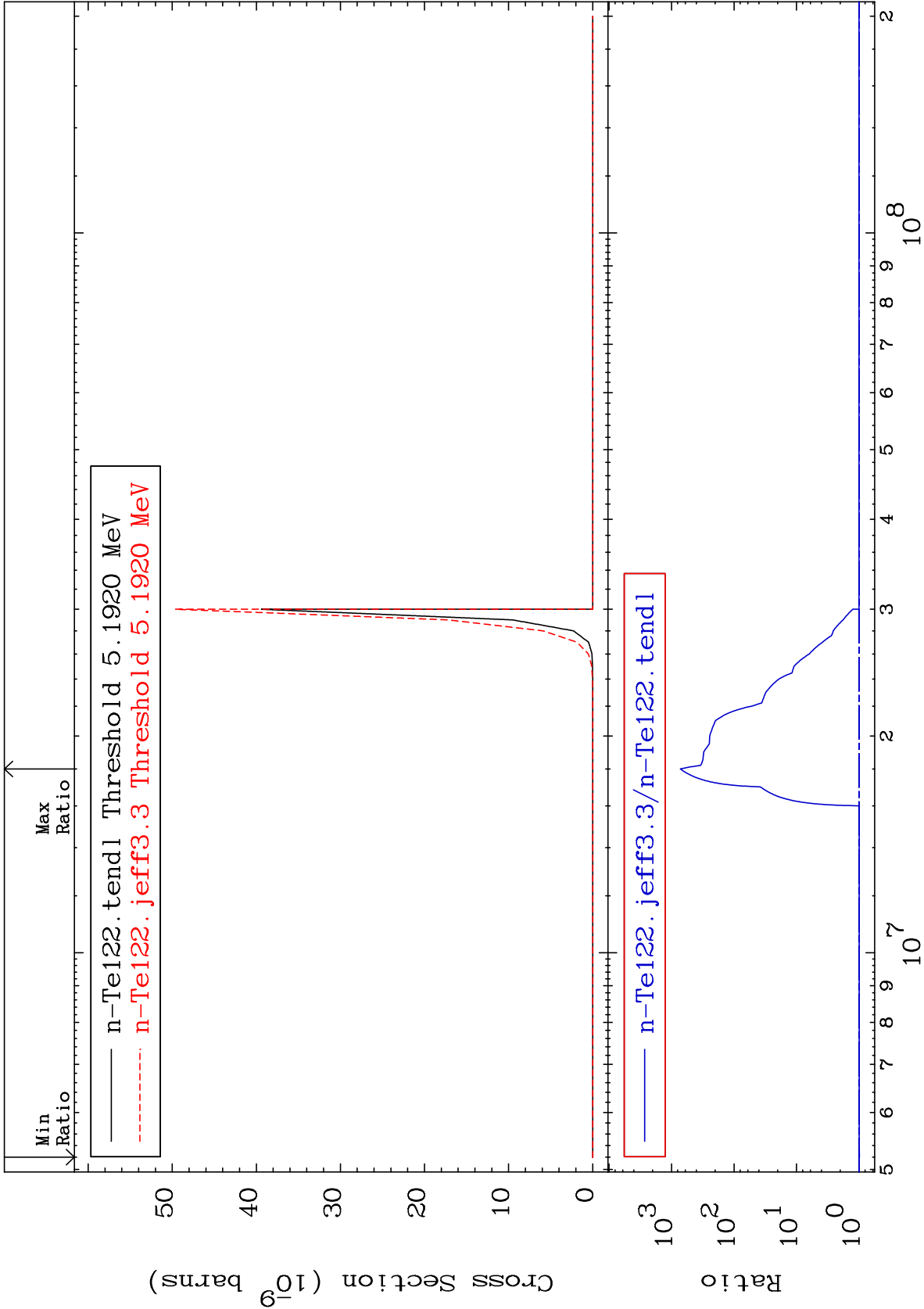
(n,n') p
Cross Section

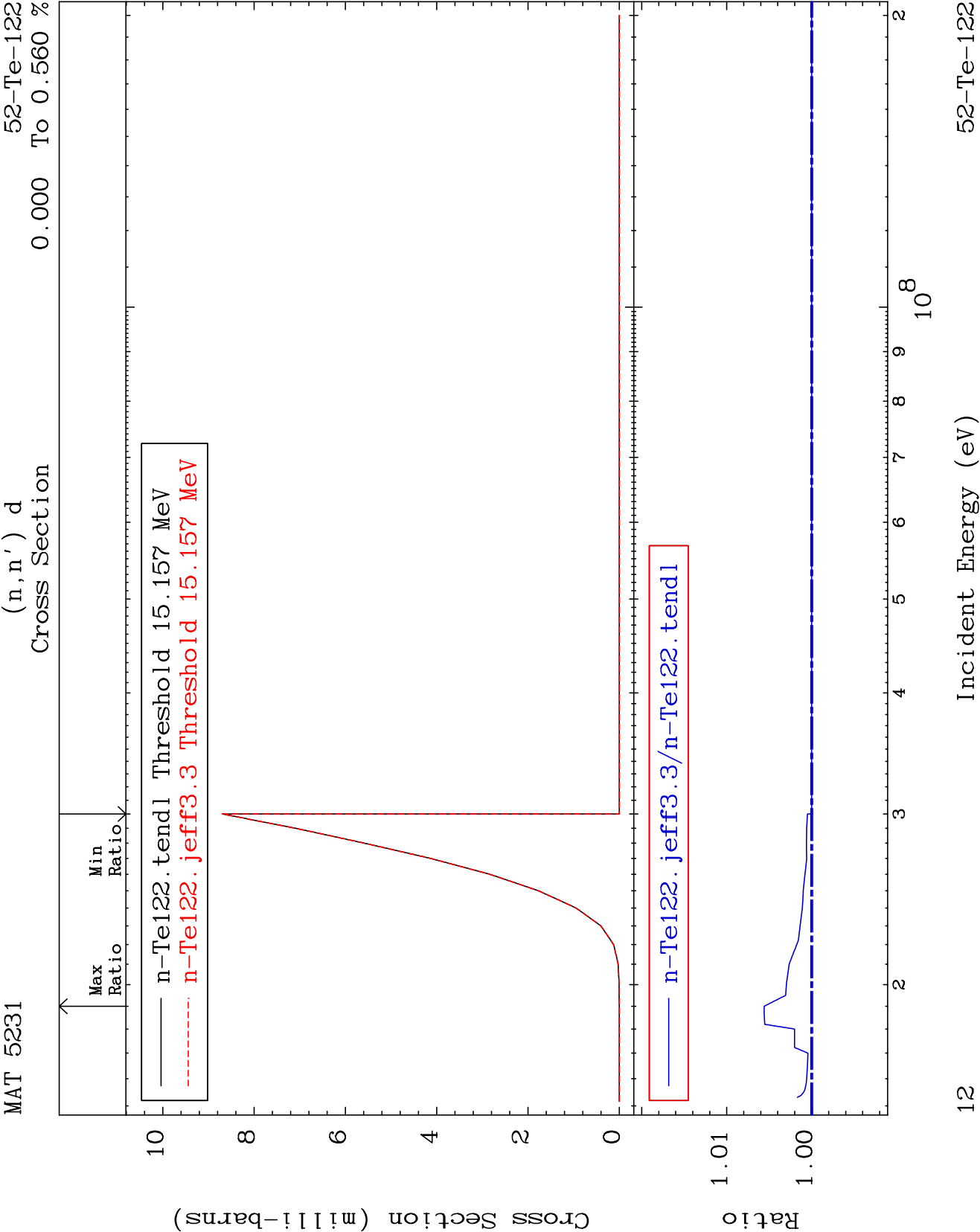
52-Te-122
-3.573 To 0.147 %

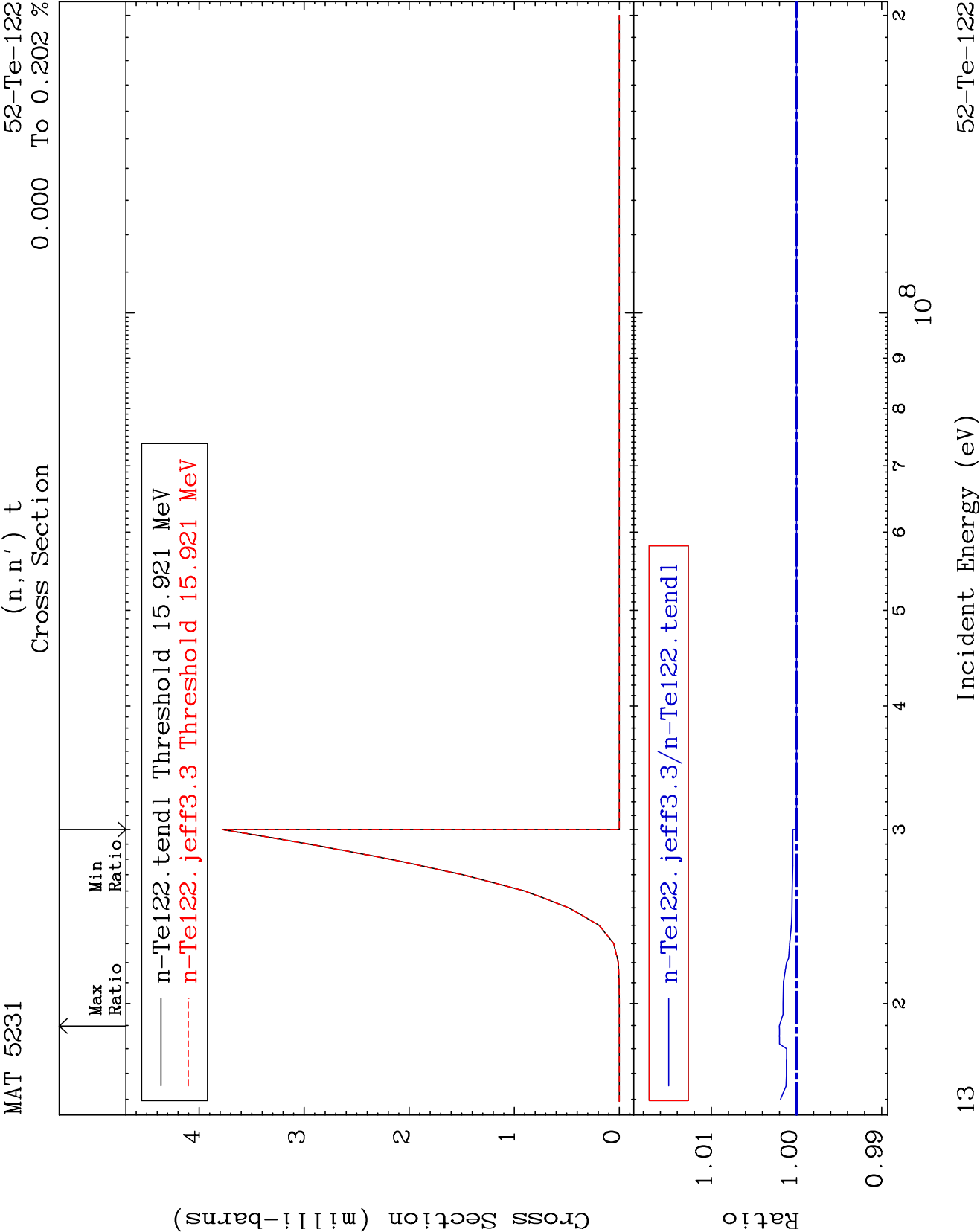


Incident Energy (eV)

52-Te-122



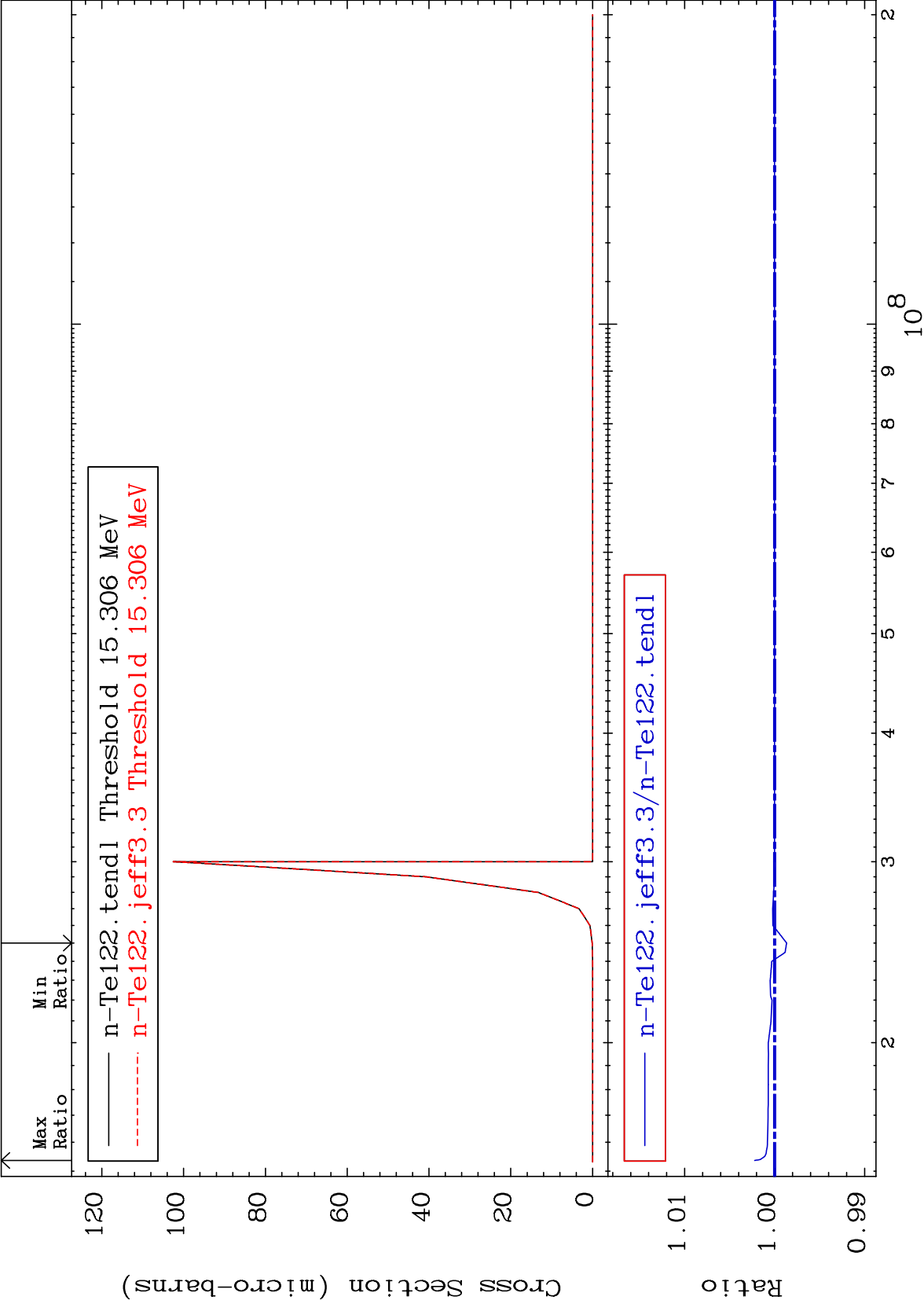


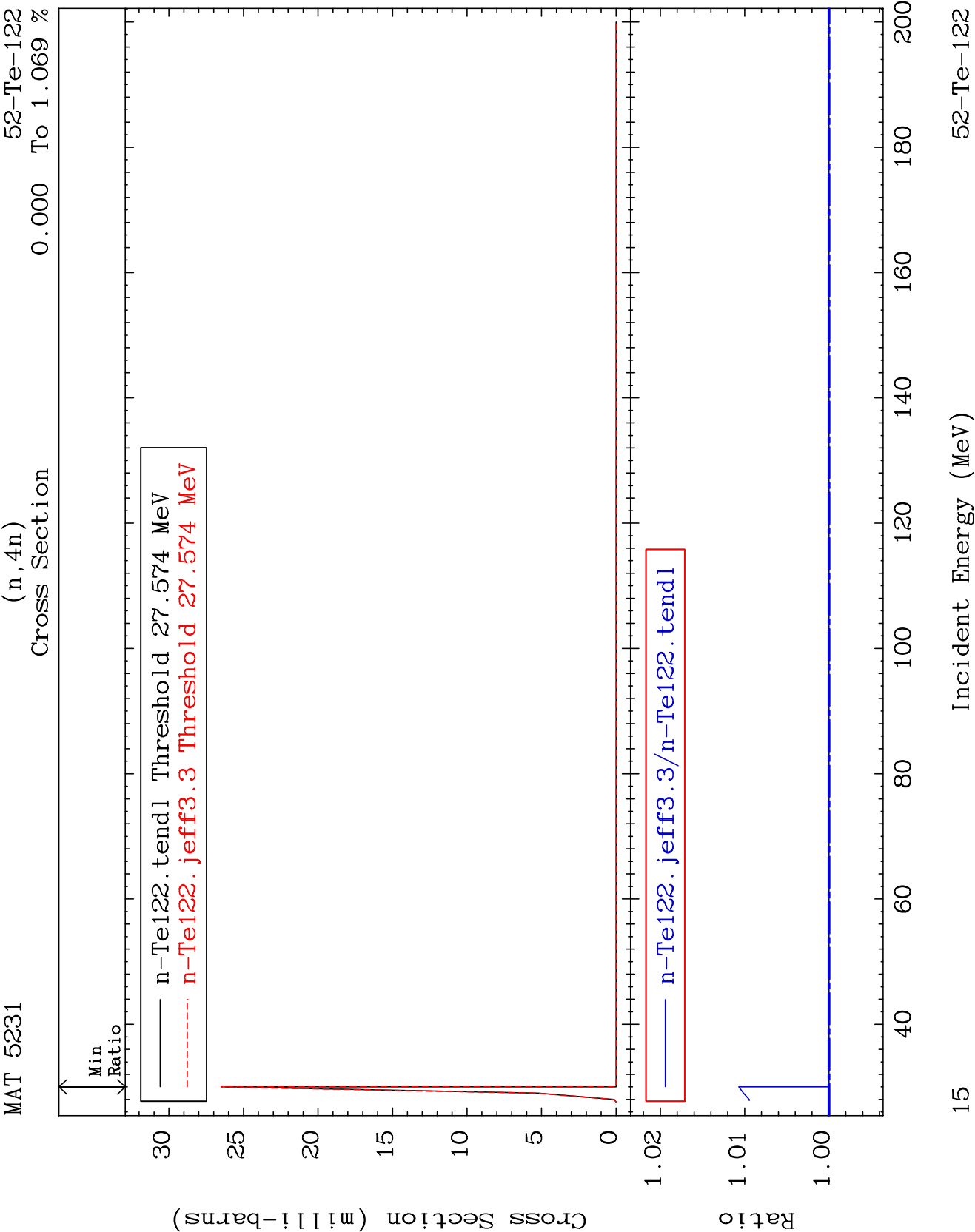


MAT 5231

(n,n') He-3
Cross Section

52-Te-122
-0.134 To 0.221 %

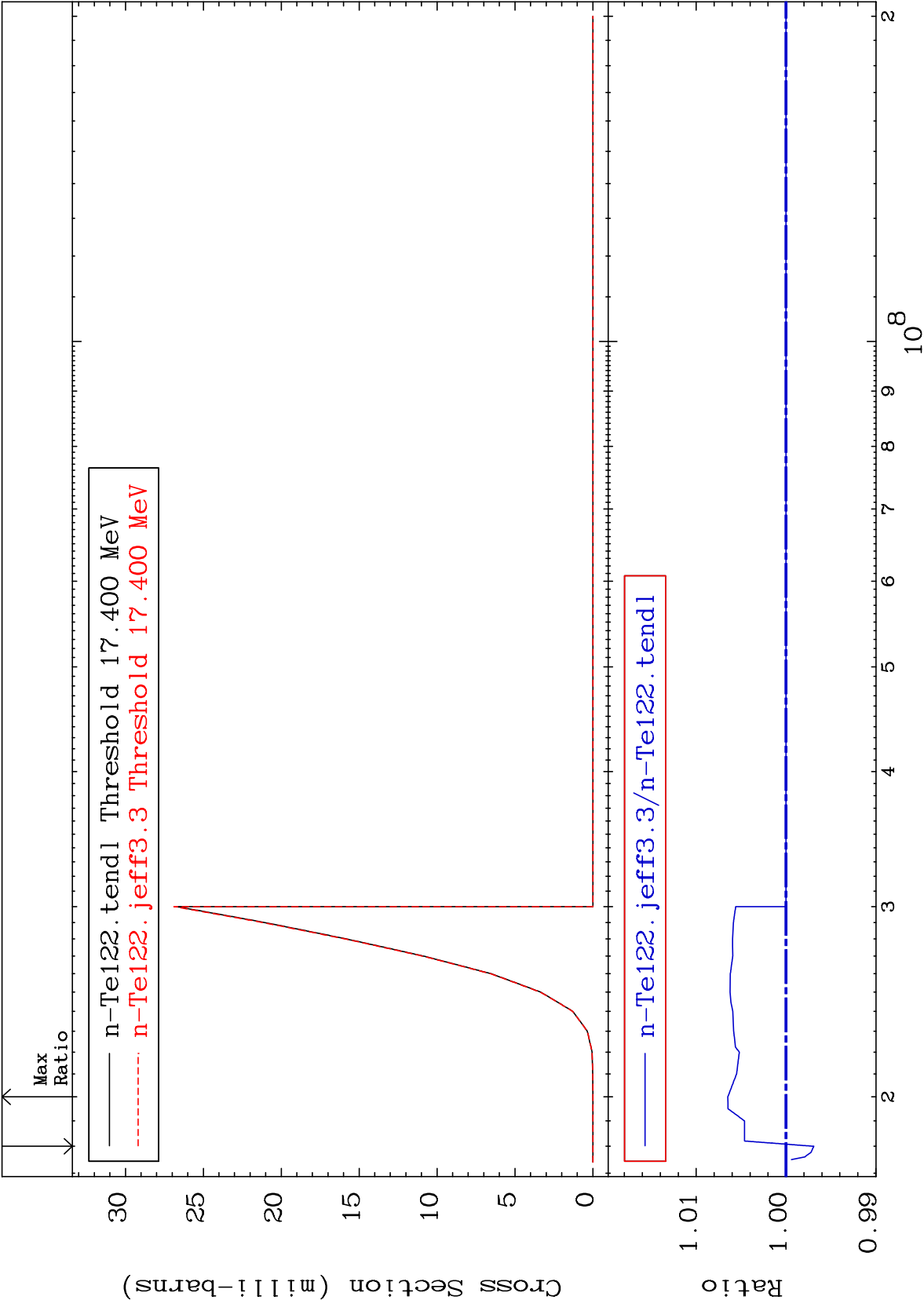


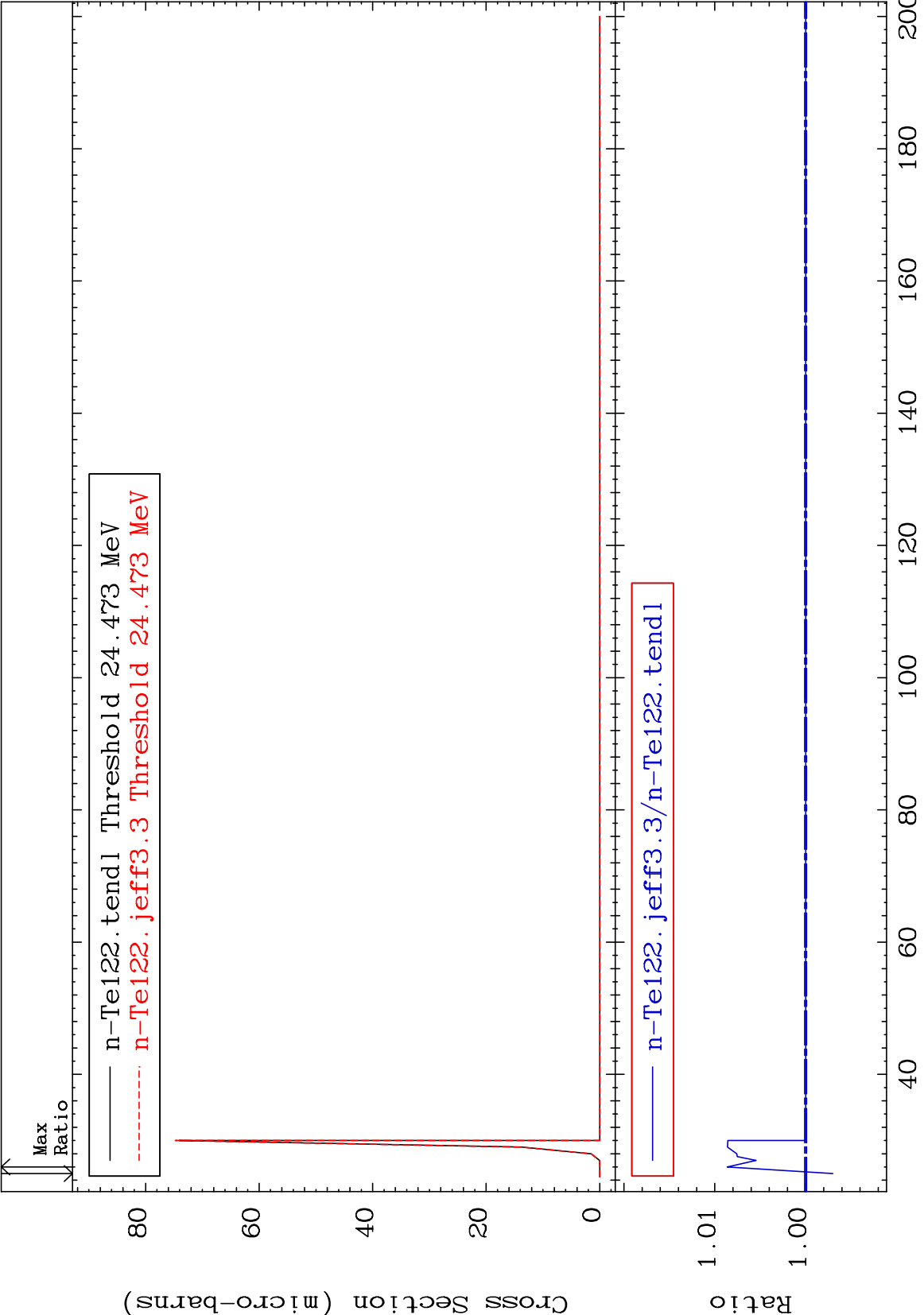


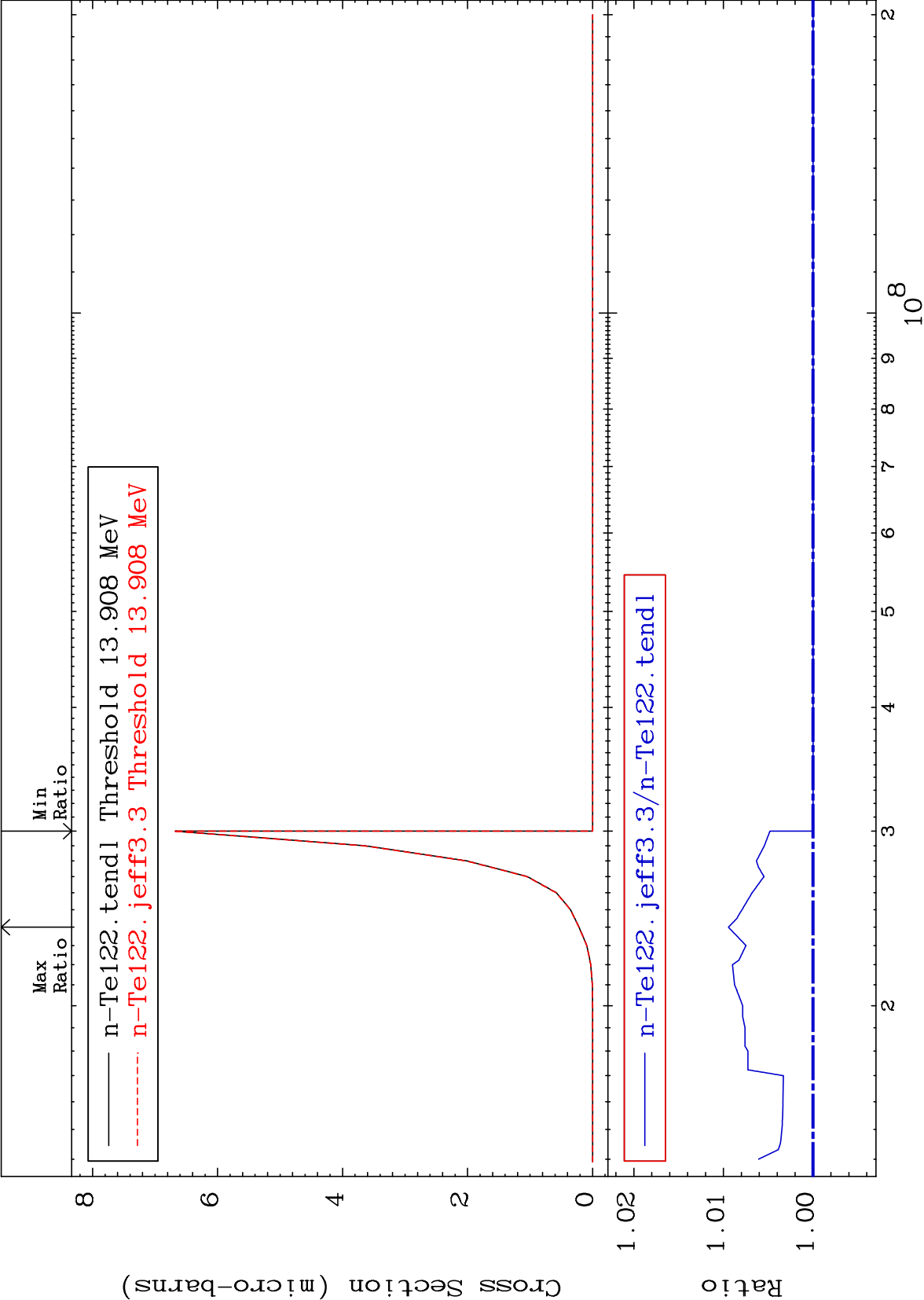
MAT 5231

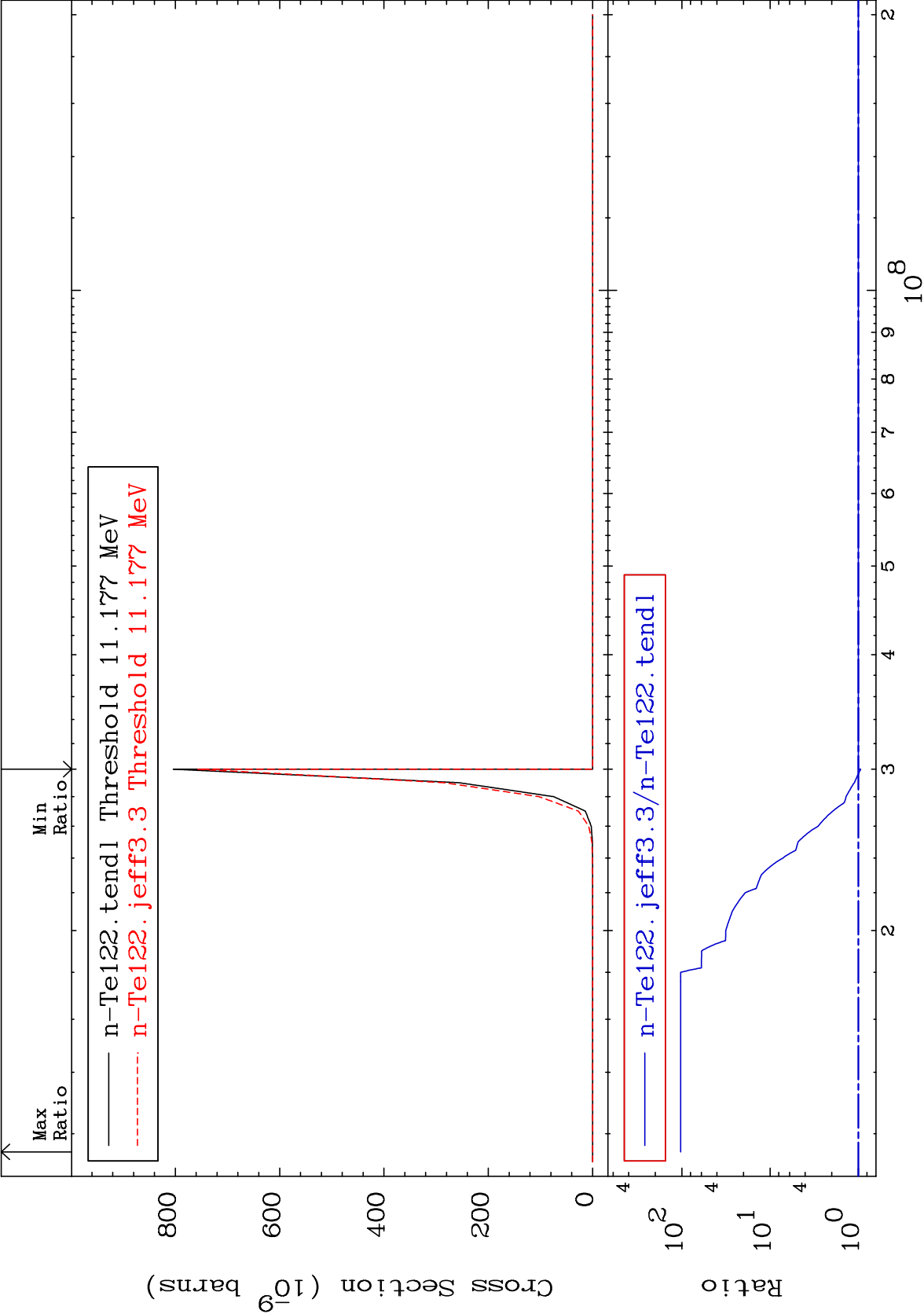
(n,2n) p
Cross Section

52-Te-122
-0.310 To 0.648 %





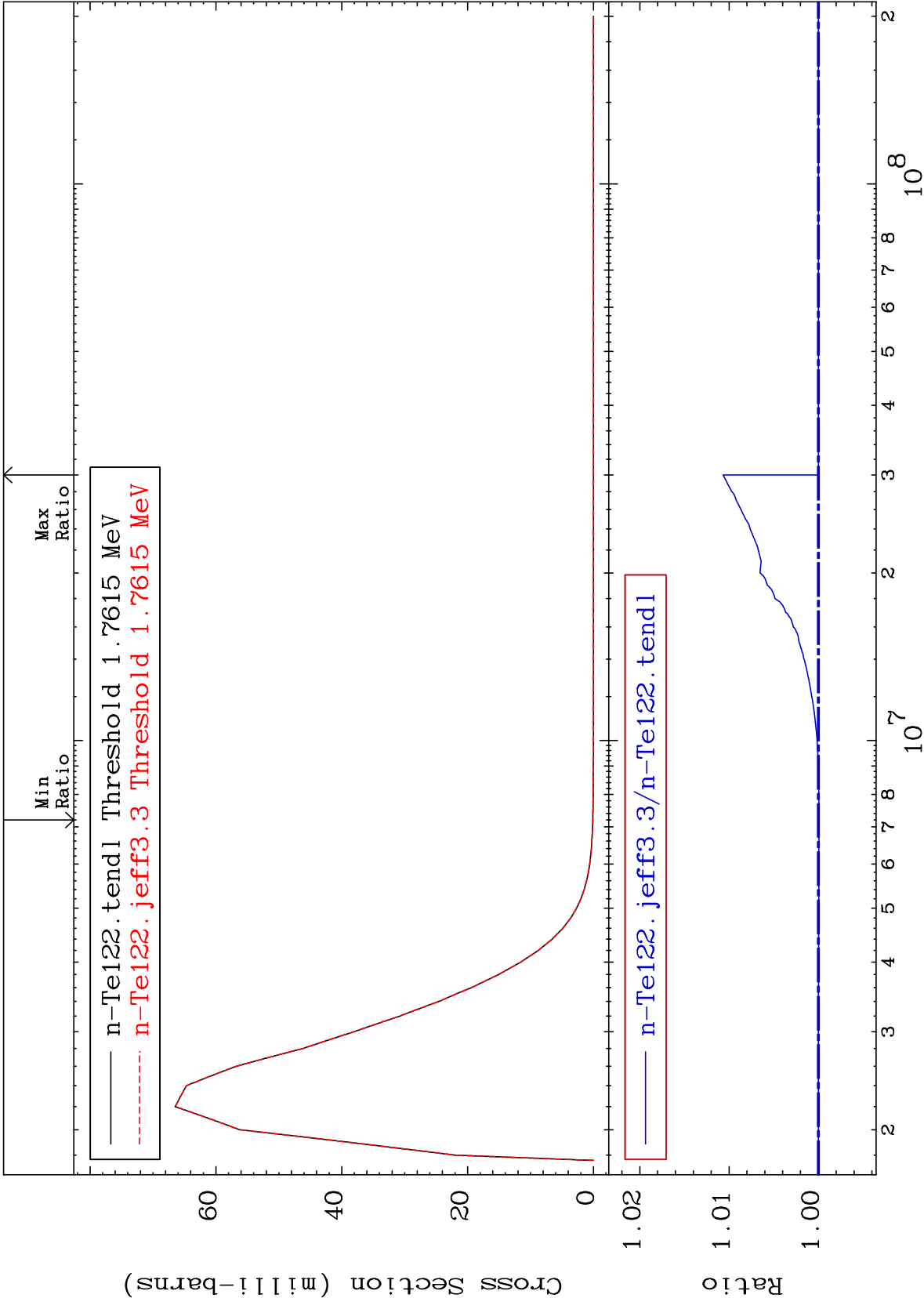




MAT 5231

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

52-Te-122
-0.008 To 1.067 %



20

Incident Energy (eV)

52-Te-122

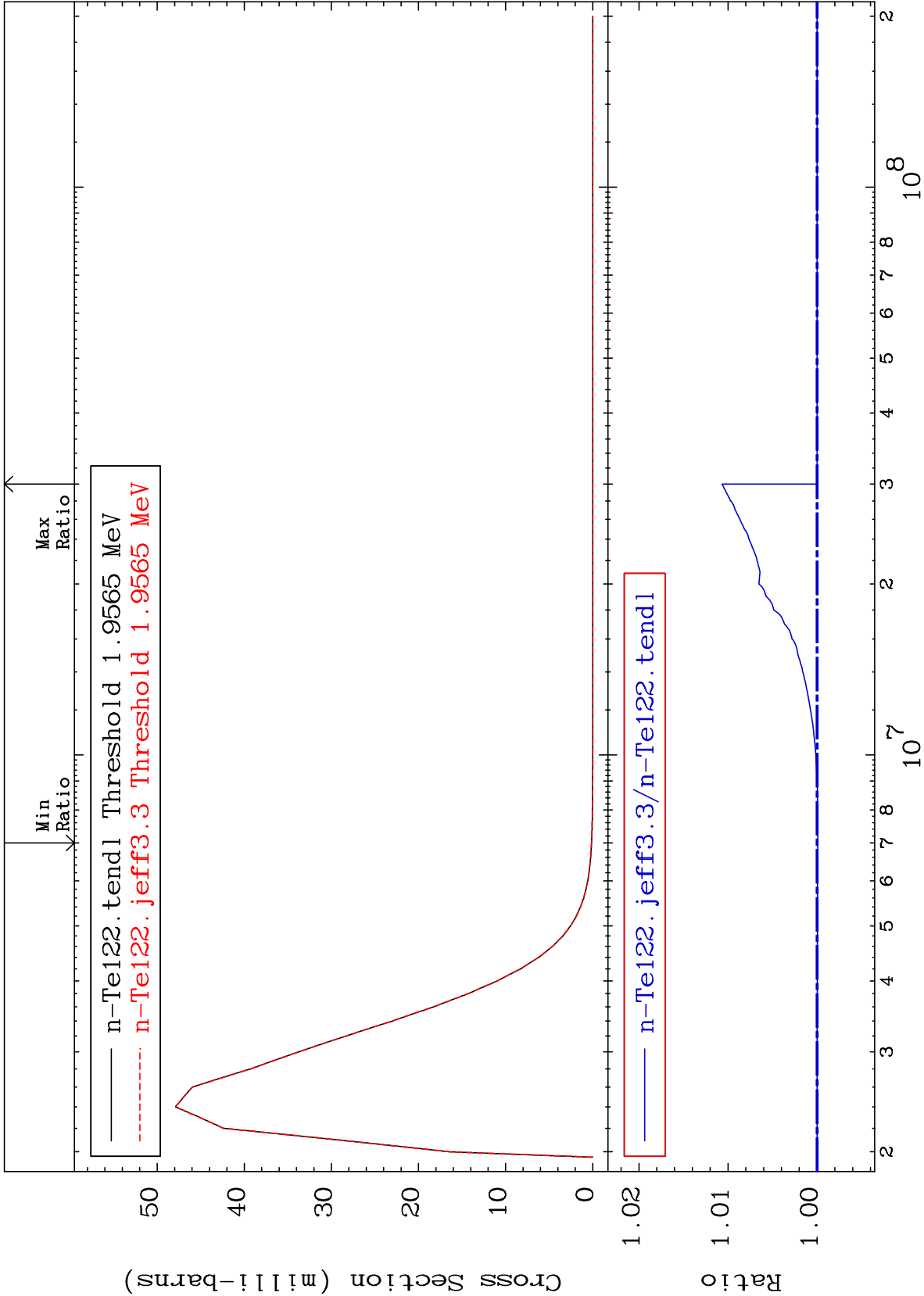
MAT 5231

MT= 59 (n,n') Level

52-Te-122

Cross Section

-0.008 To 1.067 %



21

Incident Energy (eV)

52-Te-122

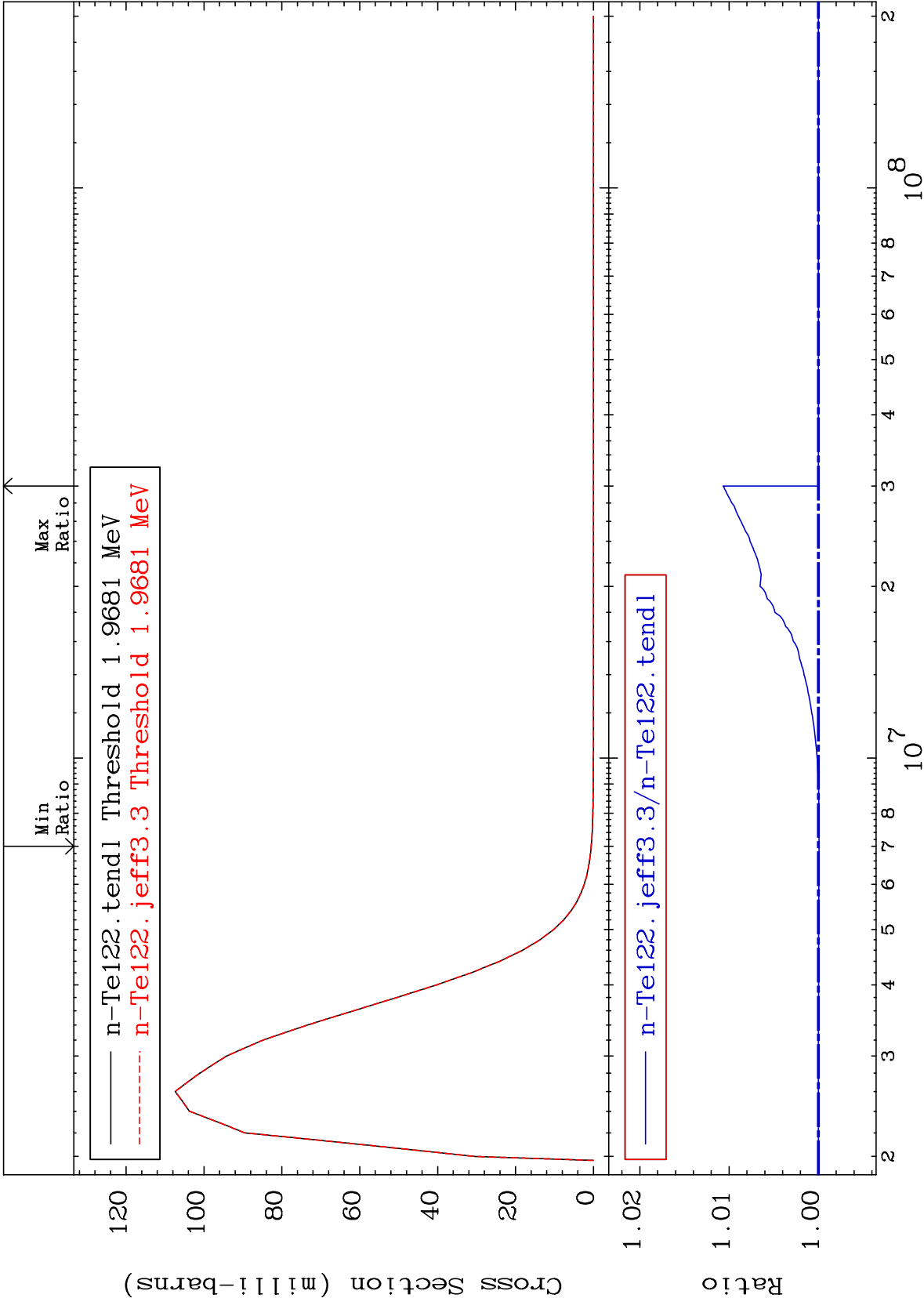
MAT 5231

MT= 60 (n,n') Level

52-Te-122

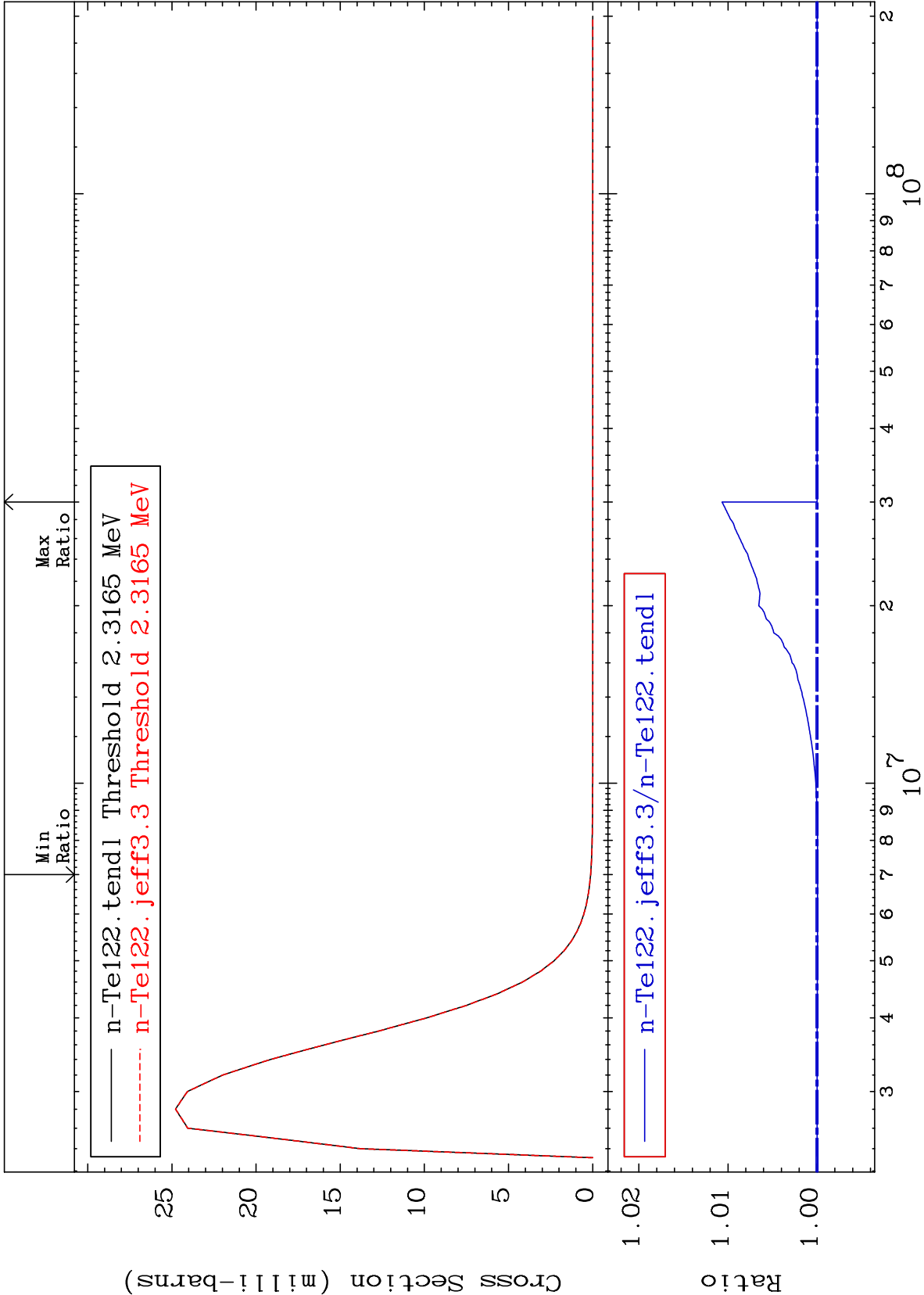
-0.007 To 1.067 %

Cross Section



Cross Section

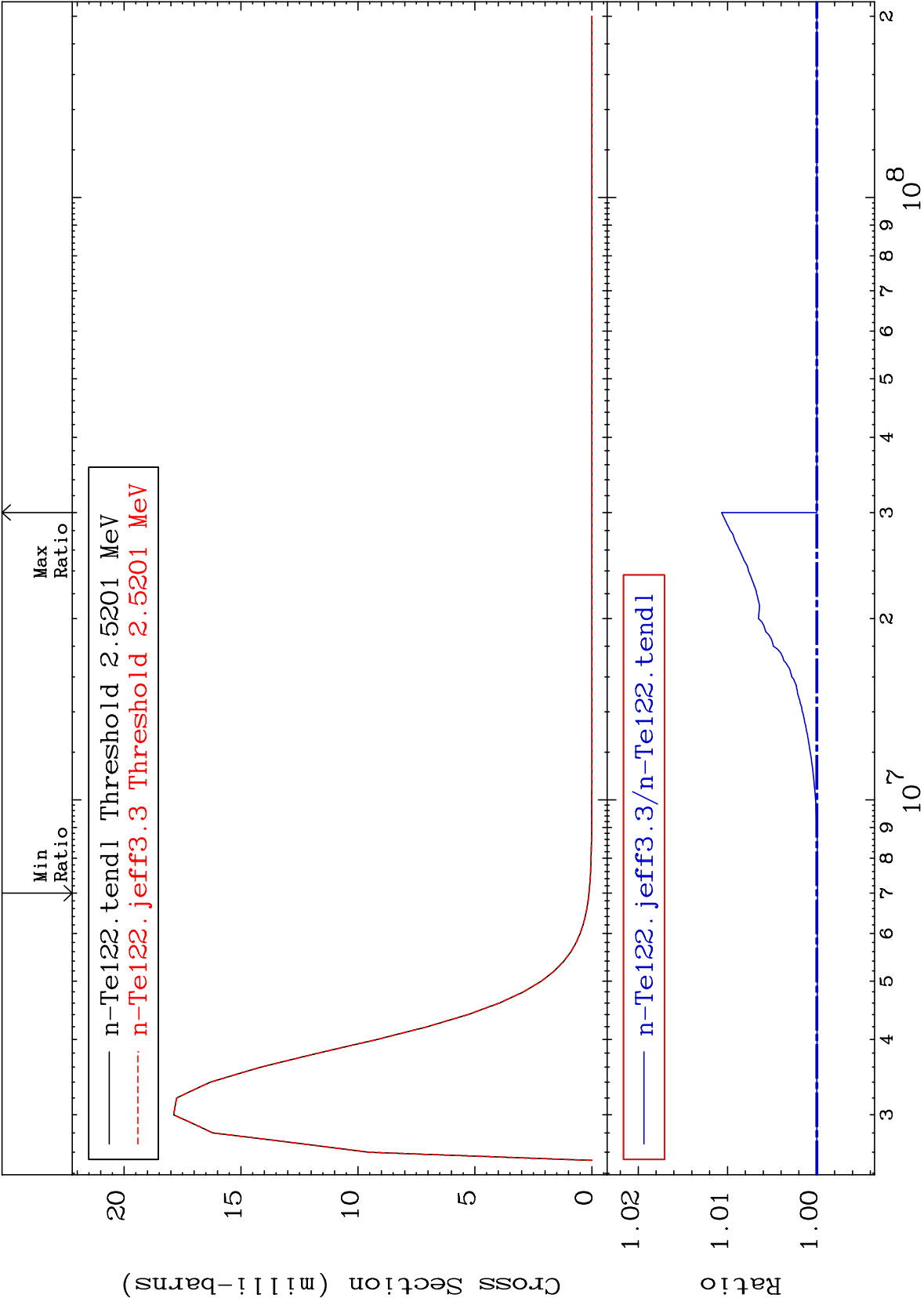
-0.008 To 1.067 %



MAT 5231

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

52-Te-122
-0.007 To 1.067 %



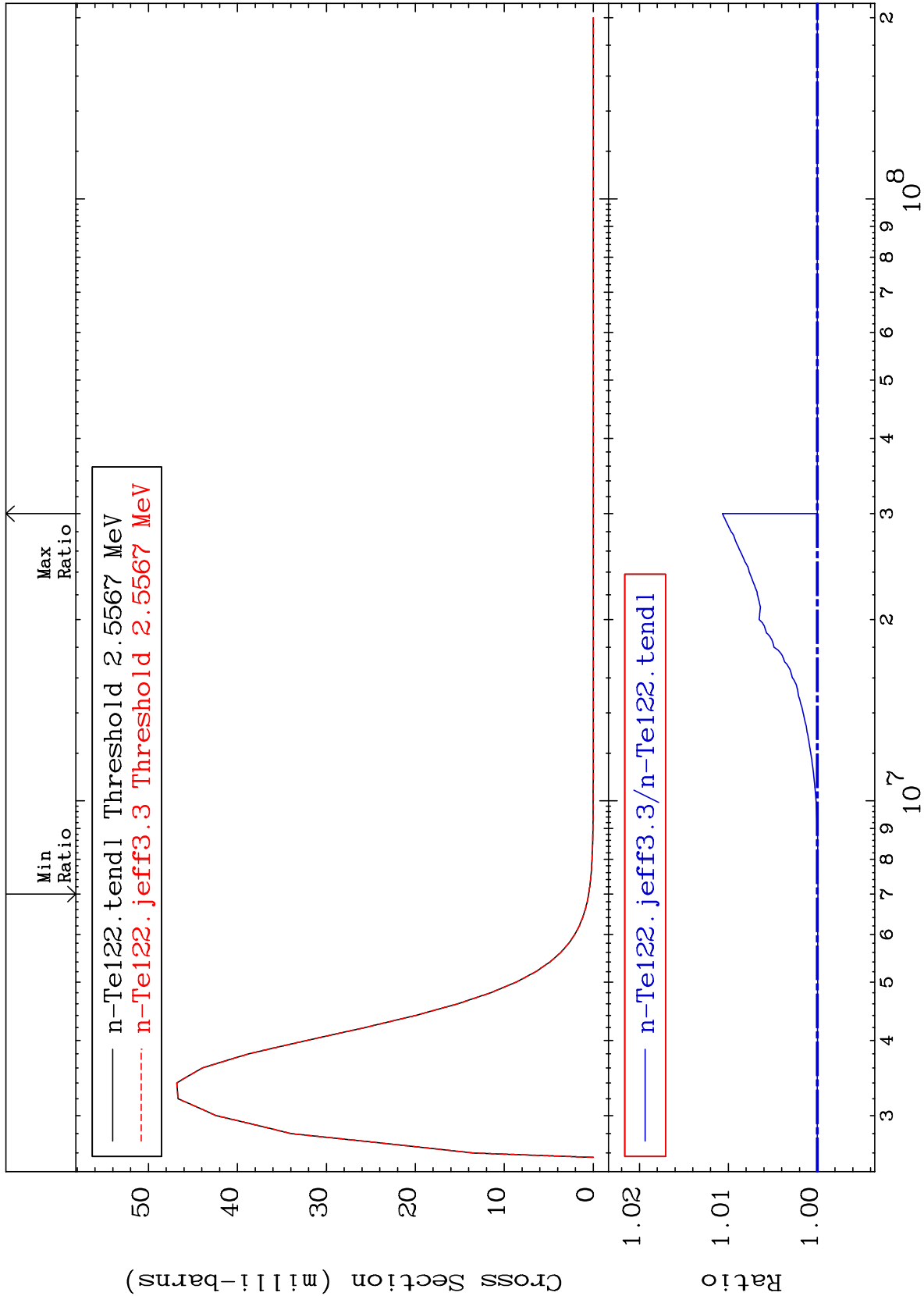
MAT 5231

MT= 75 (n,n') Level

52-Te-122

Cross Section

-0.007 To 1.067 %



25

Incident Energy (eV)

52-Te-122

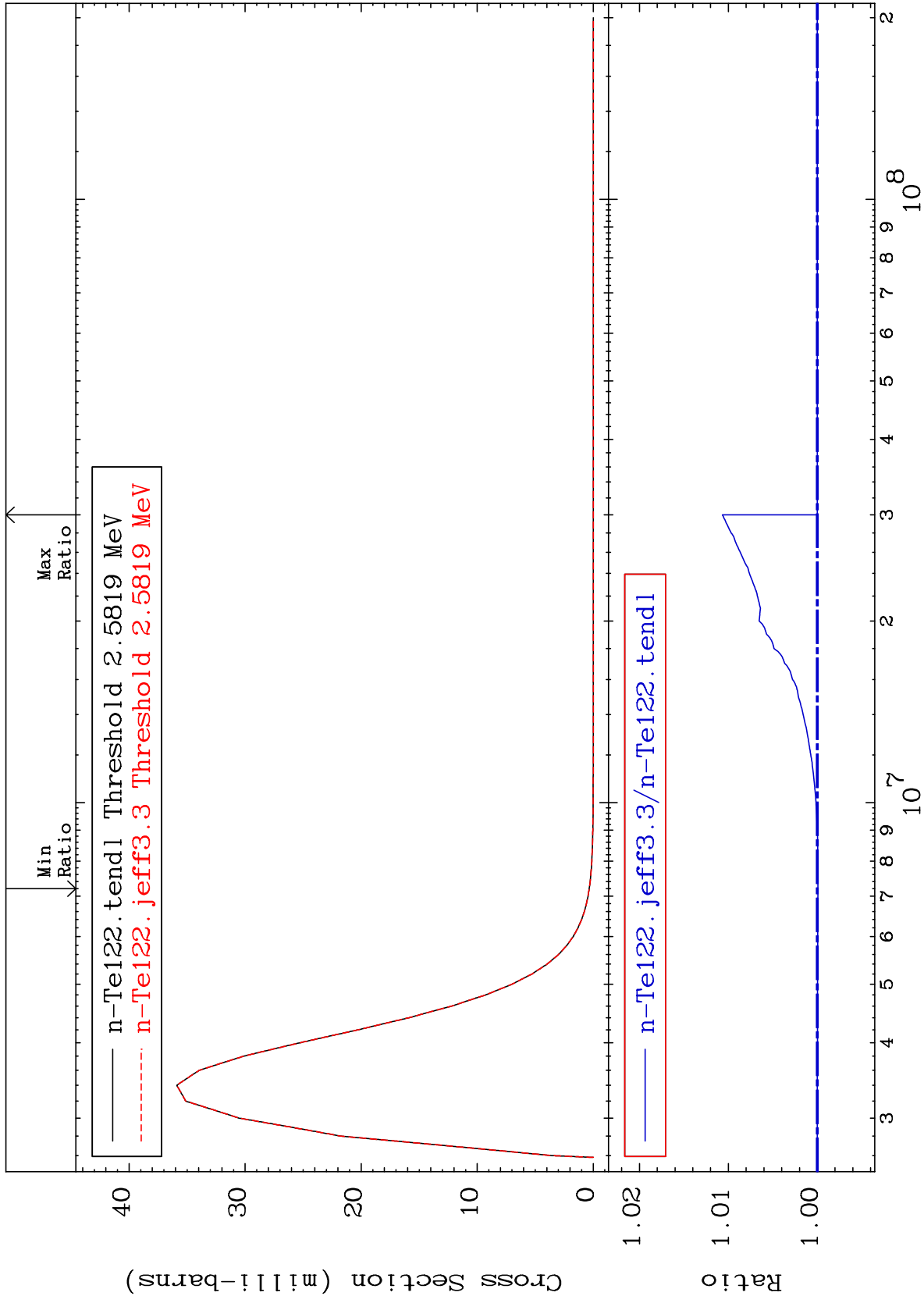
MAT 5231

MT= 78 (n,n') Level

52-Te-122

Cross Section

-0.007 To 1.067 %



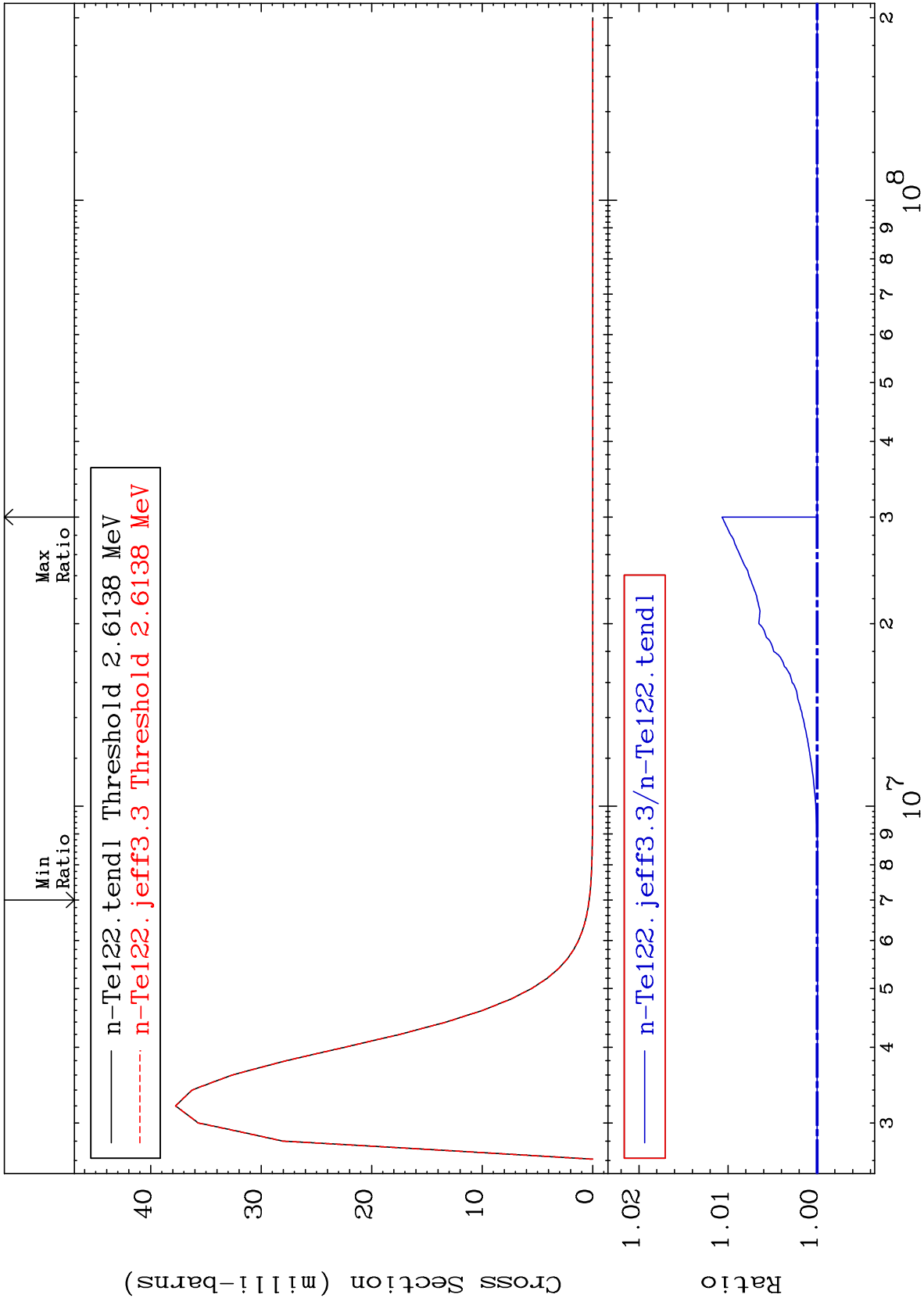
MAT 5231

MT= 79 (n,n') Level

52-Te-122

Cross Section

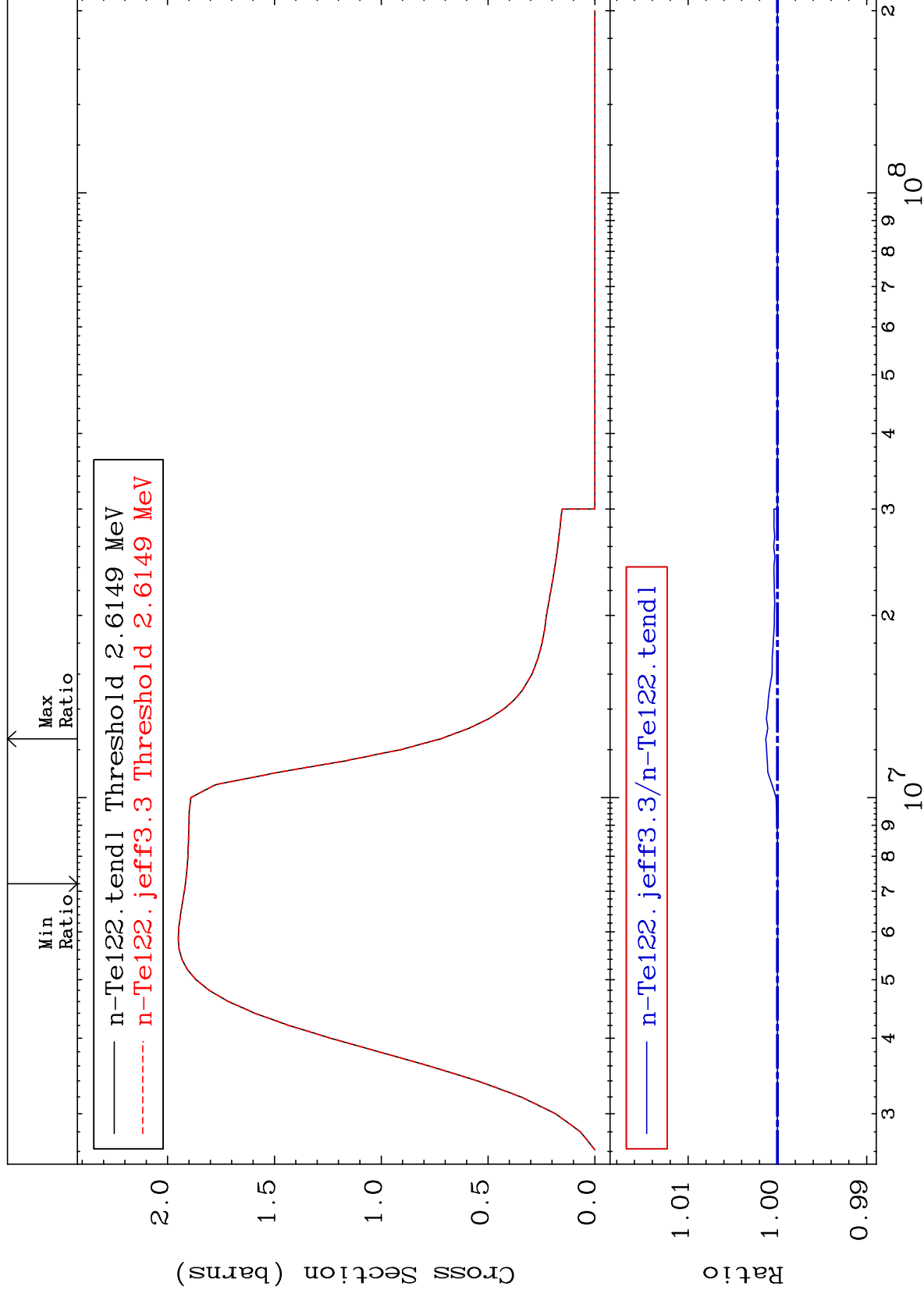
-0.008 To 1.067 %

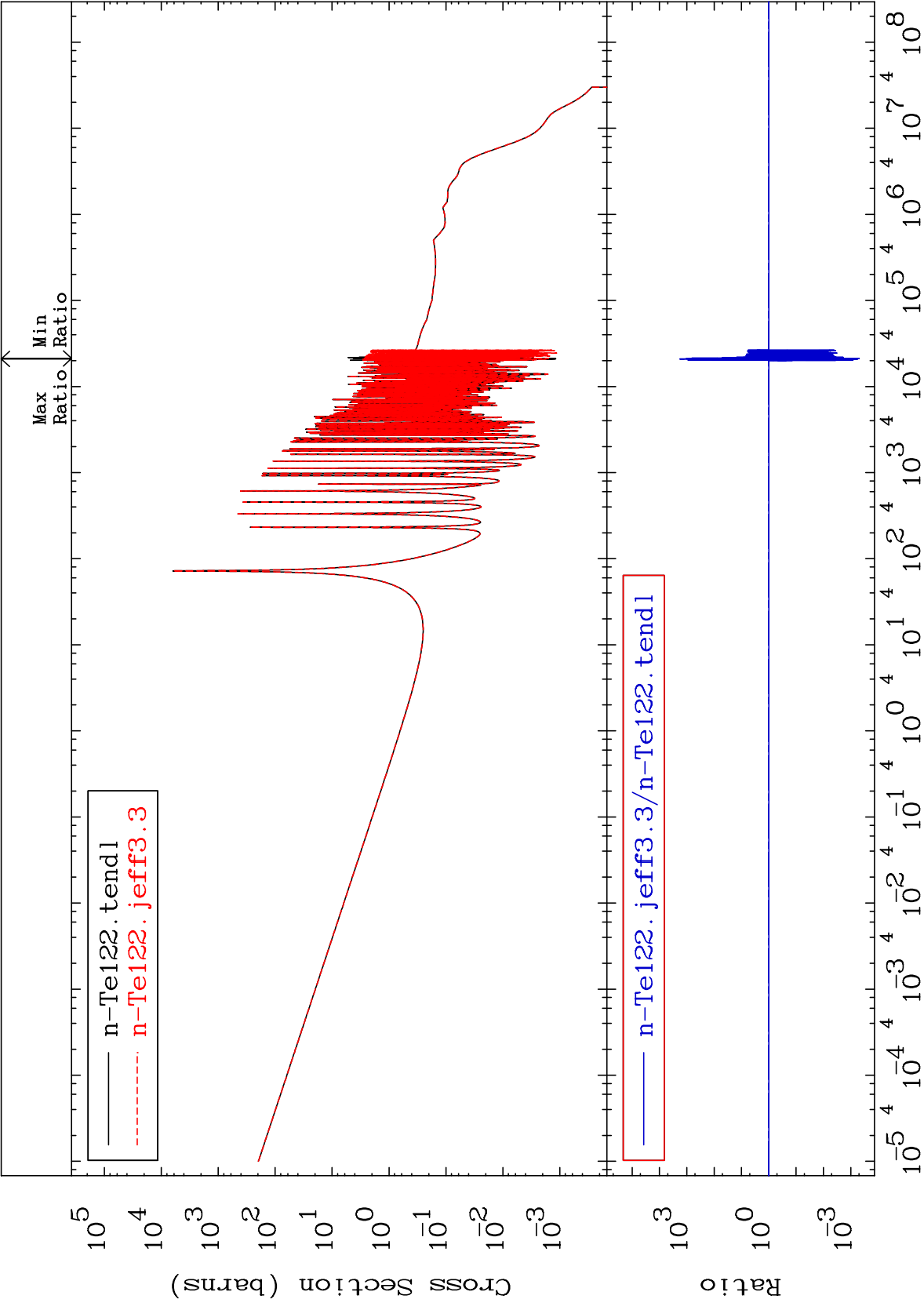


27

Incident Energy (eV)

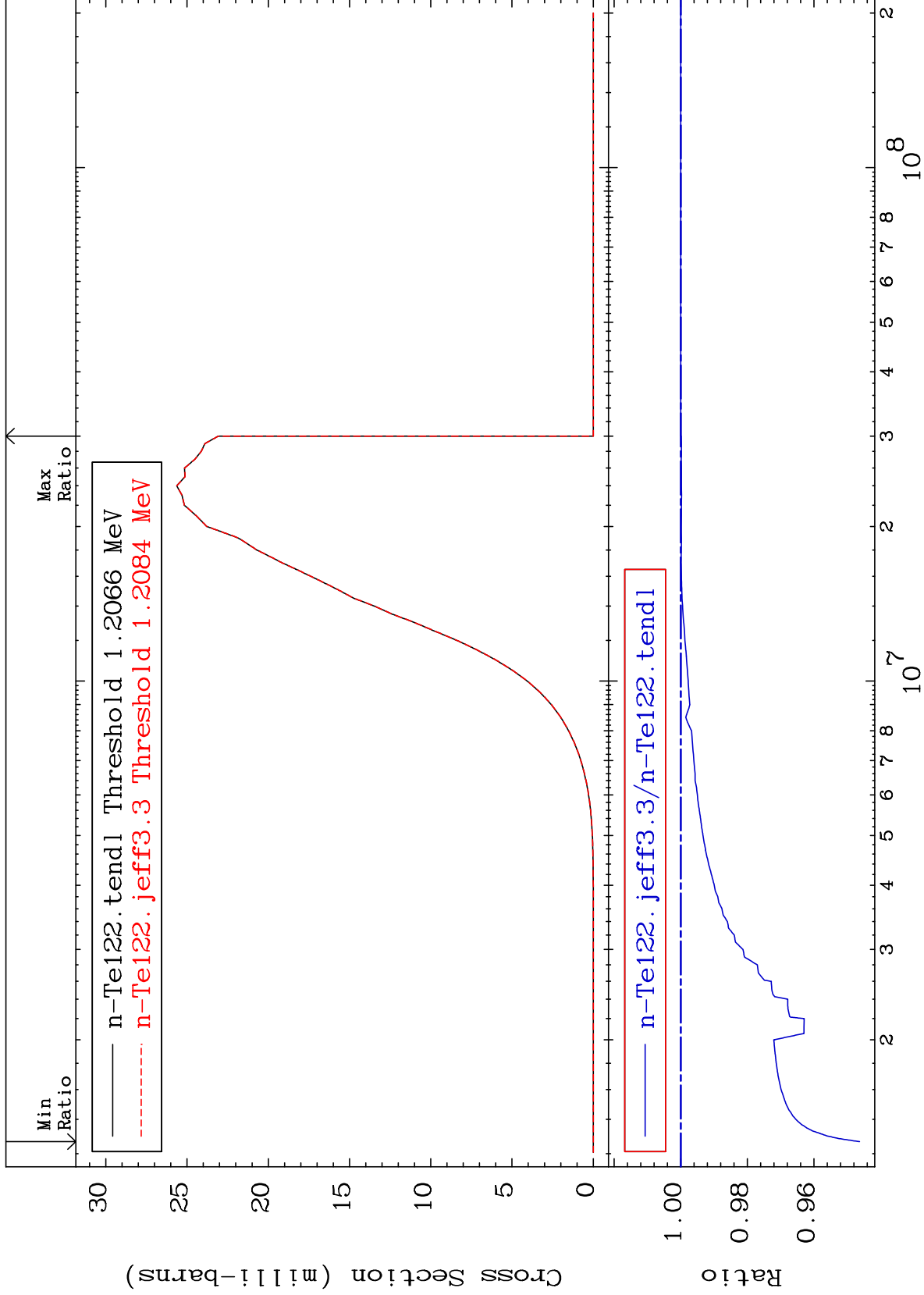
52-Te-122

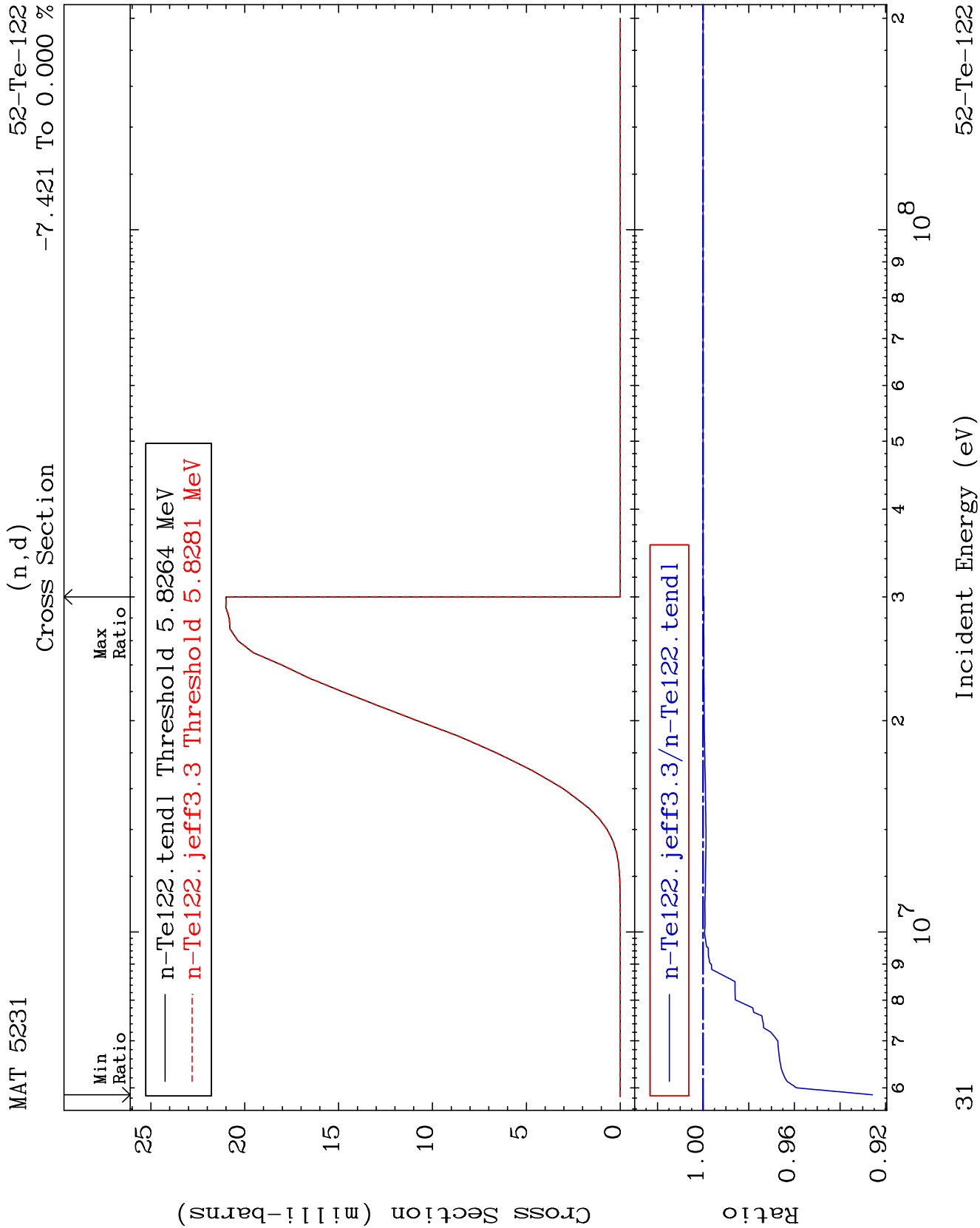




Cross Section

-5.371 To 0.000 %

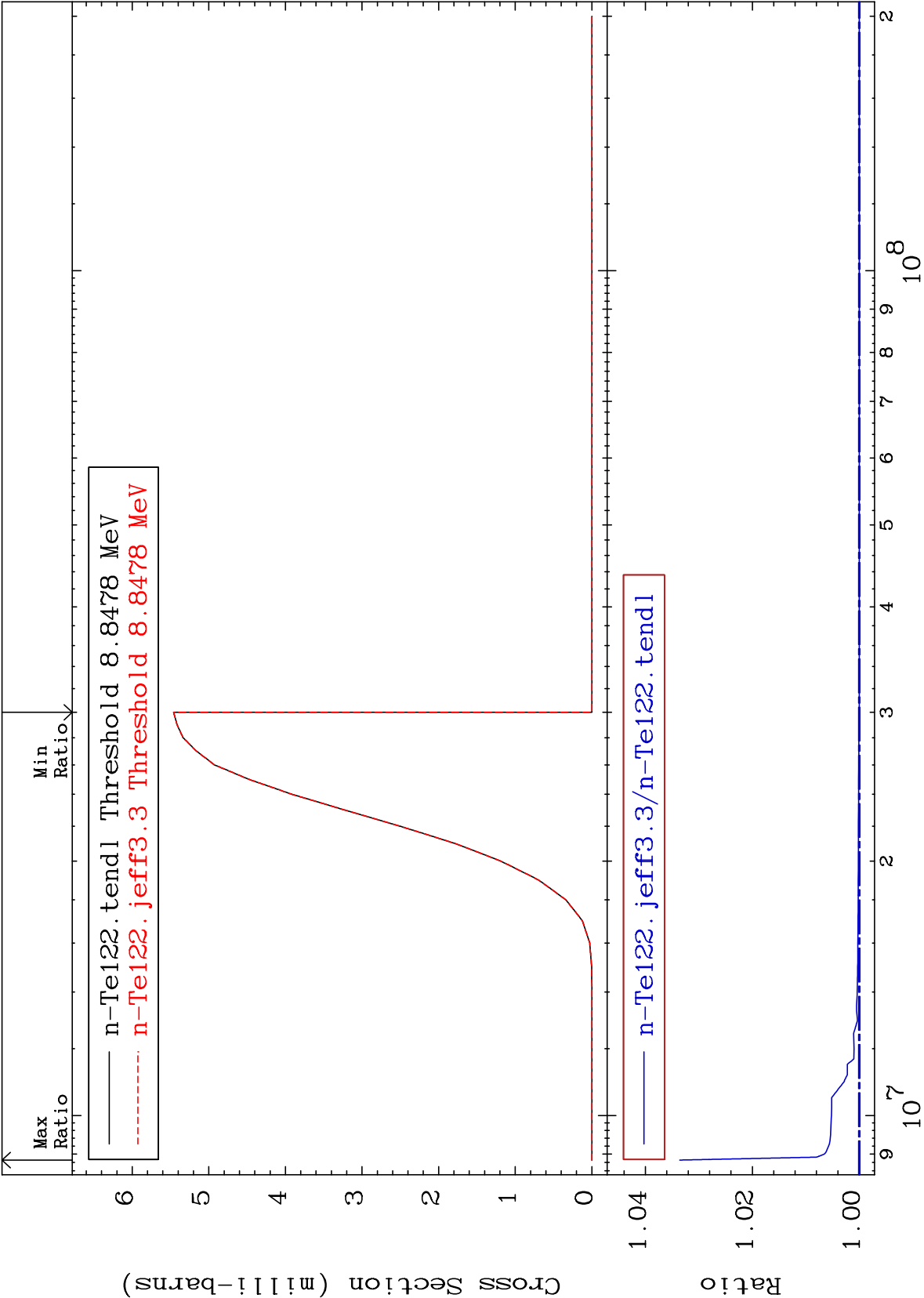




MAT 5231

(n,t)
Cross Section

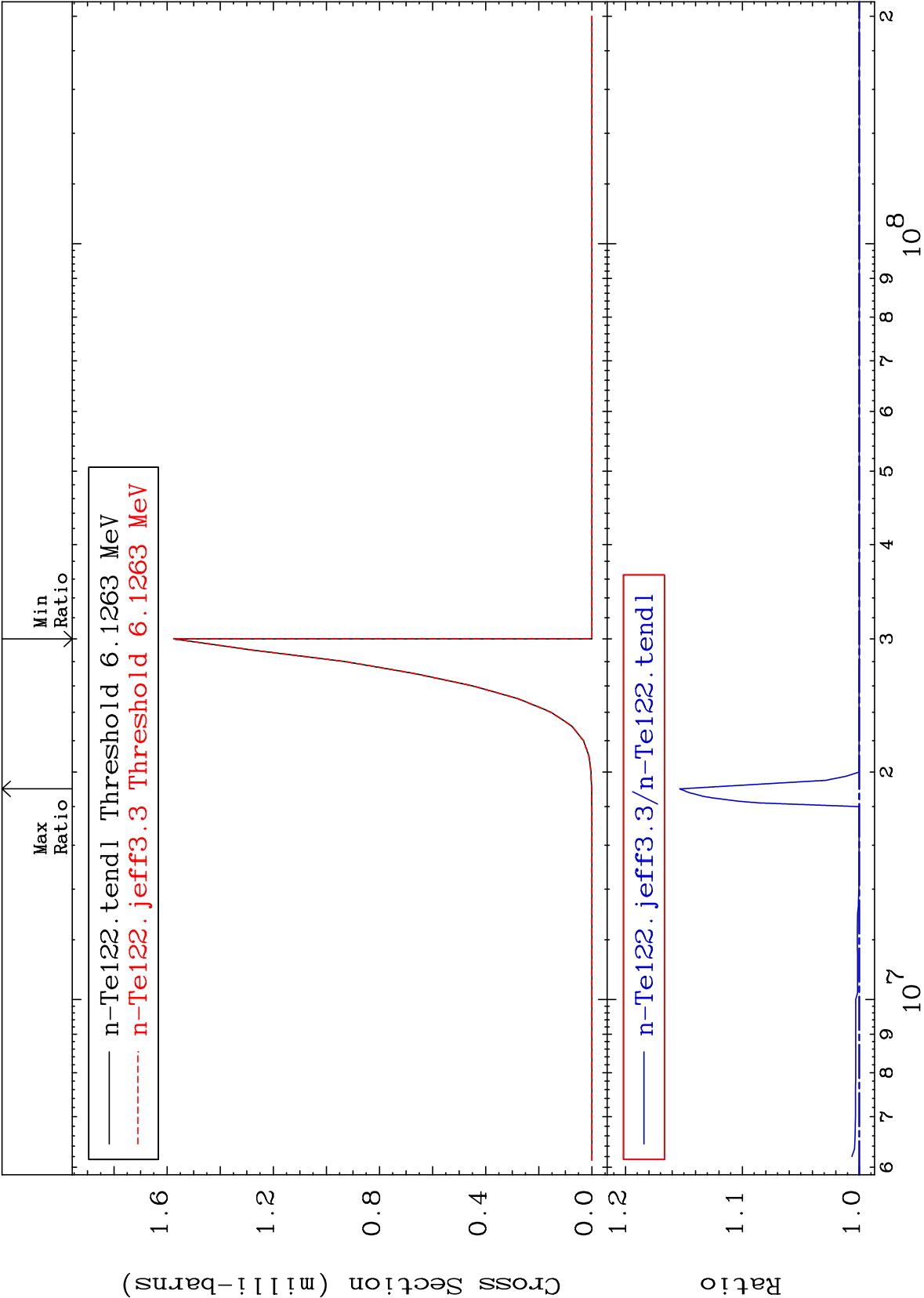
52-Te-122
To 3.358 %

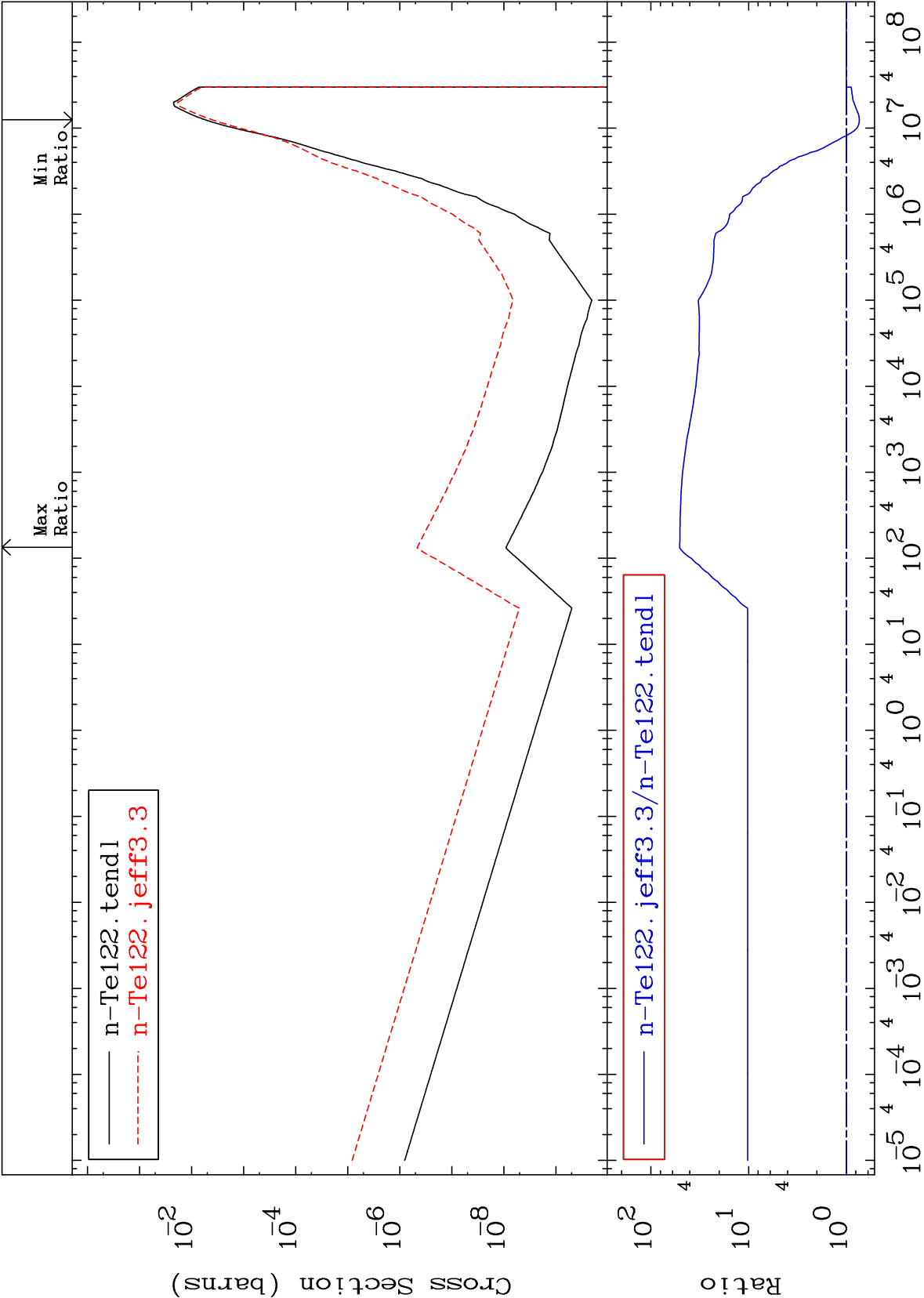


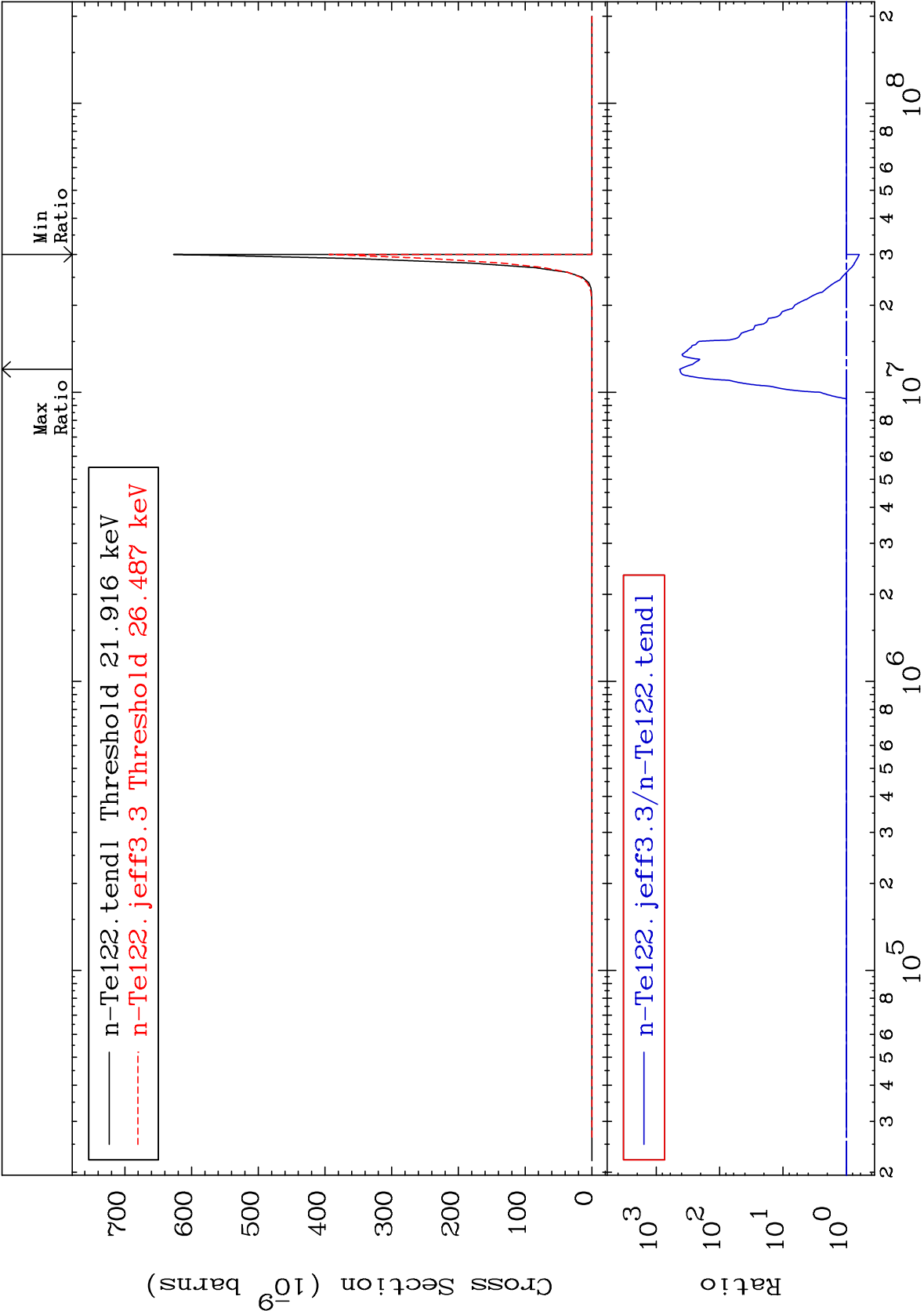
32

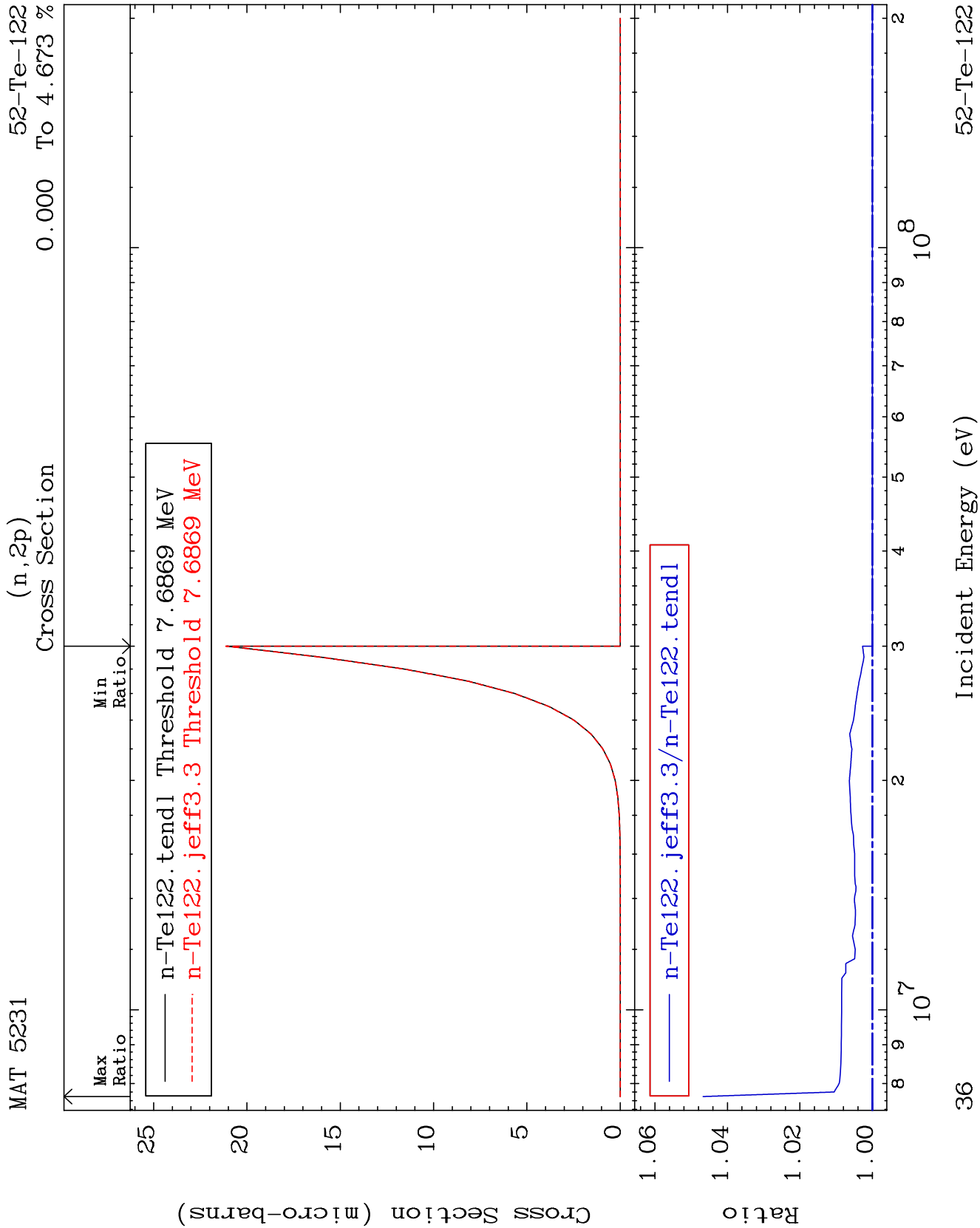
Incident Energy (eV)

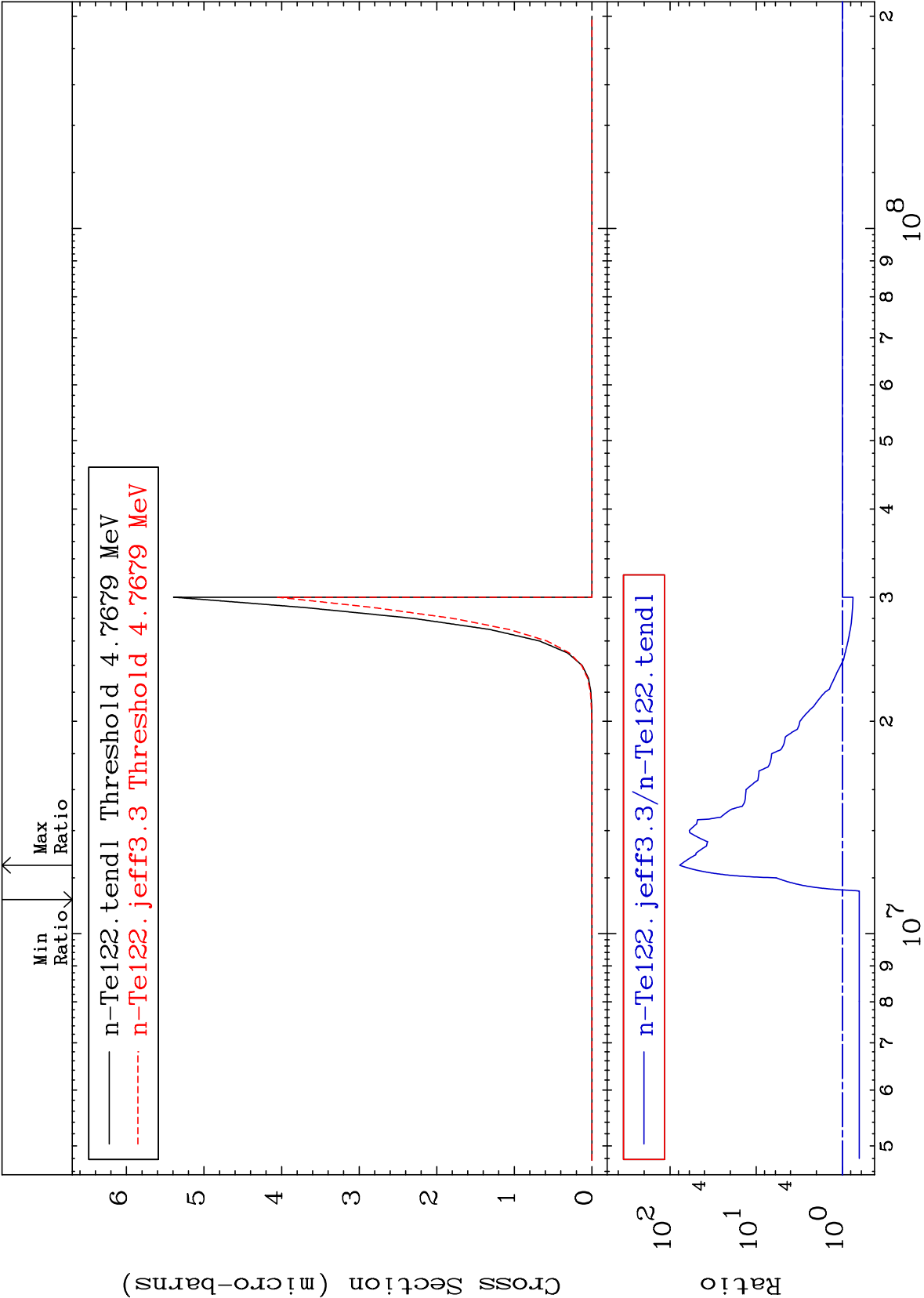
52-Te-122

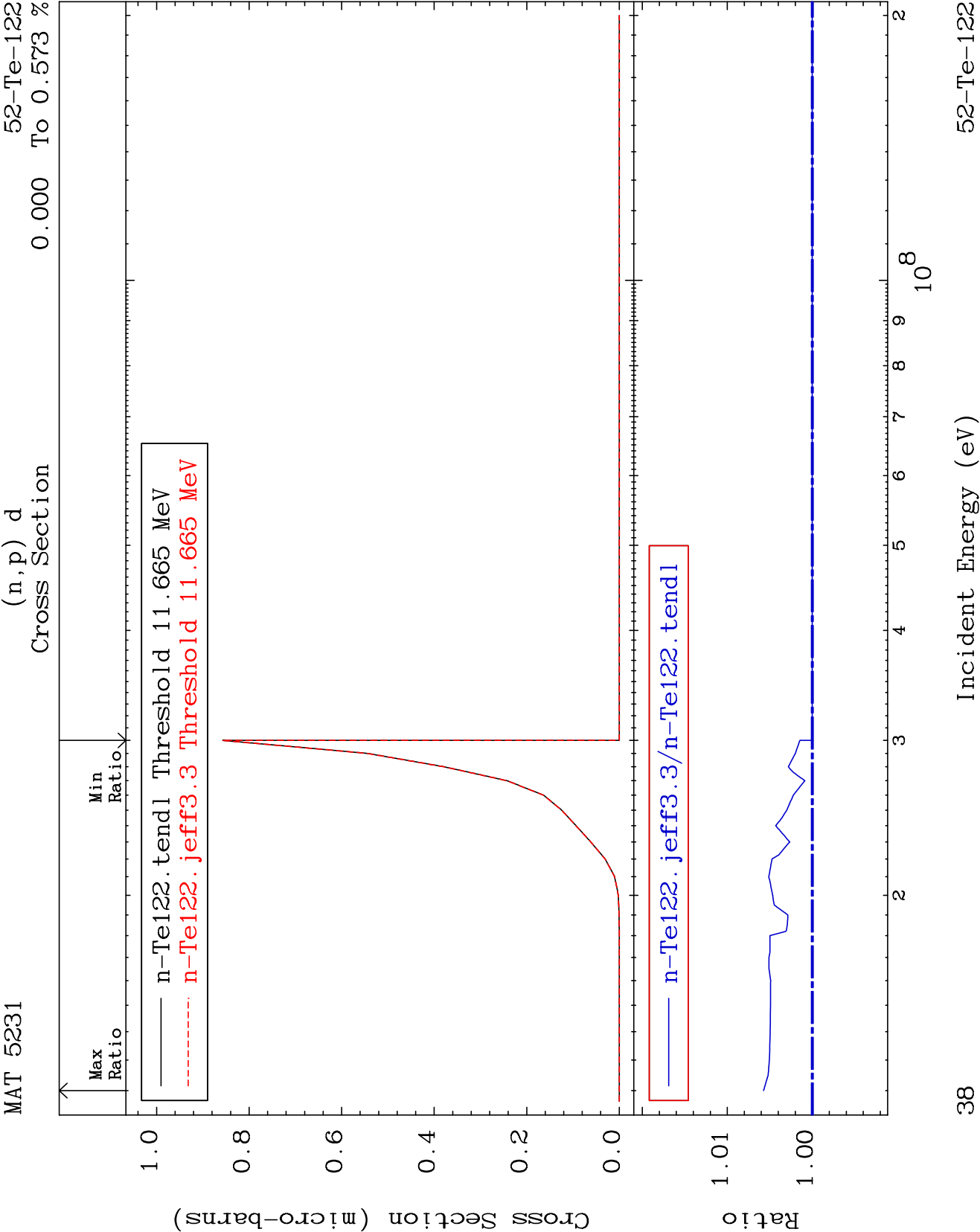


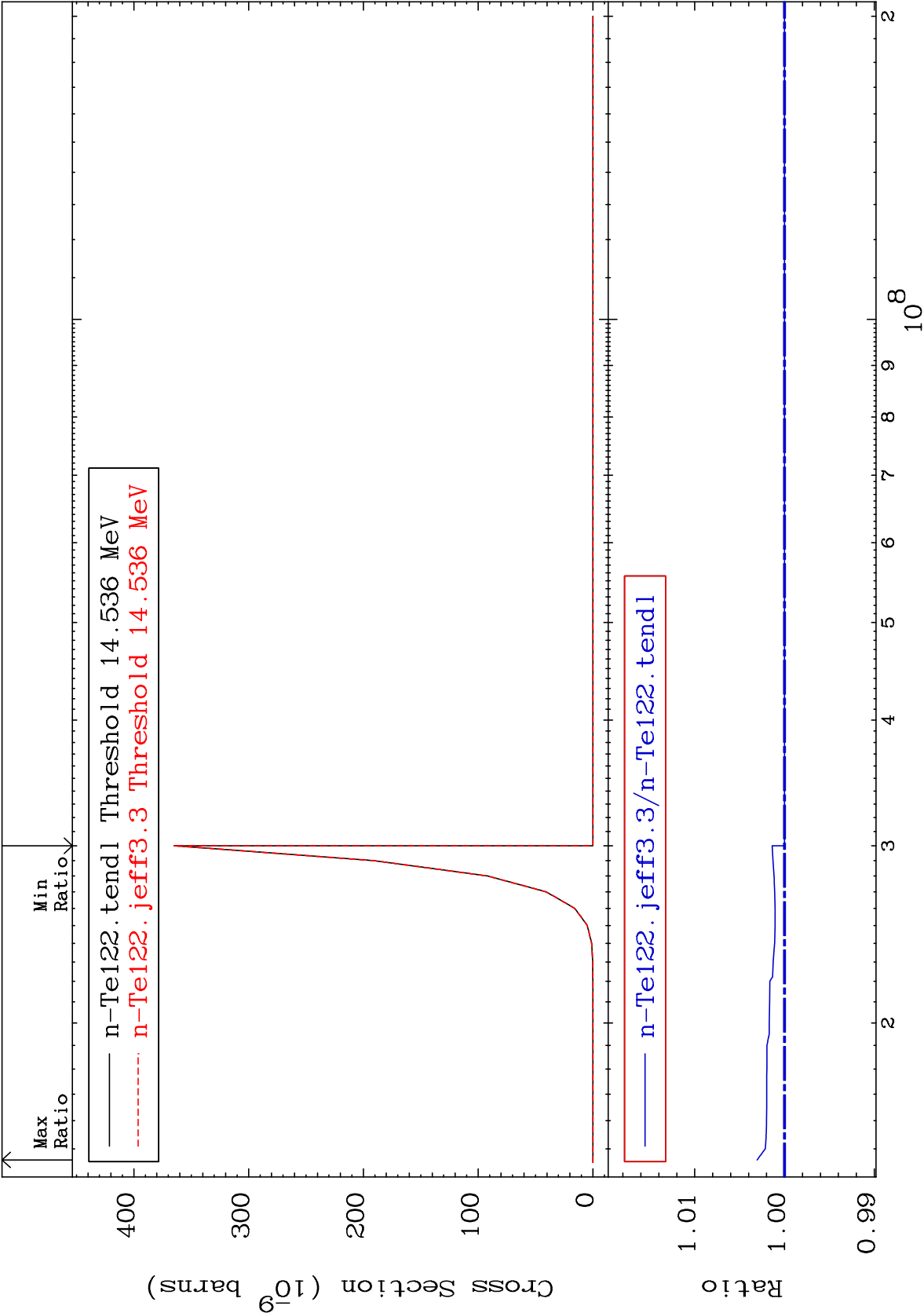








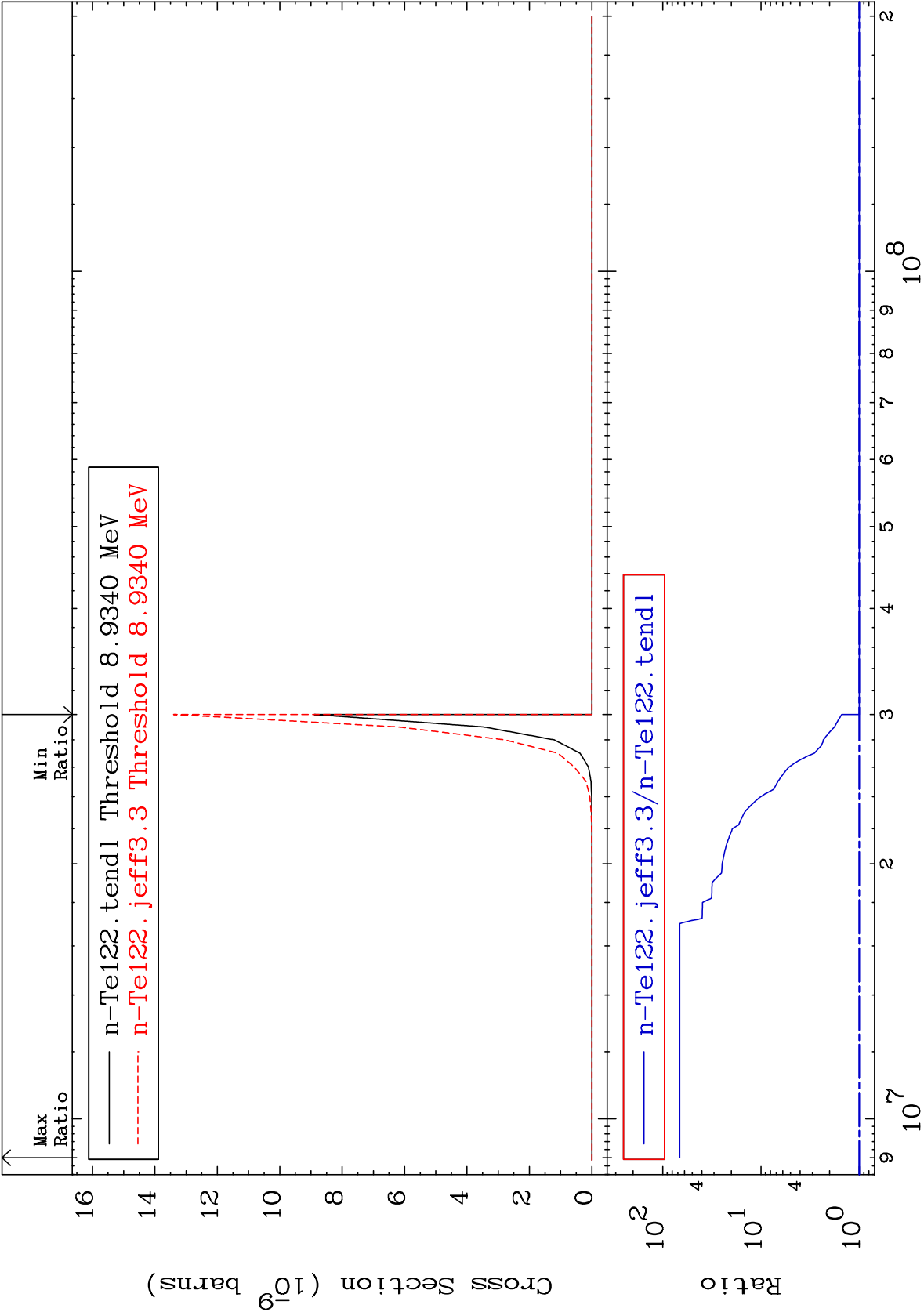




MAT 5231

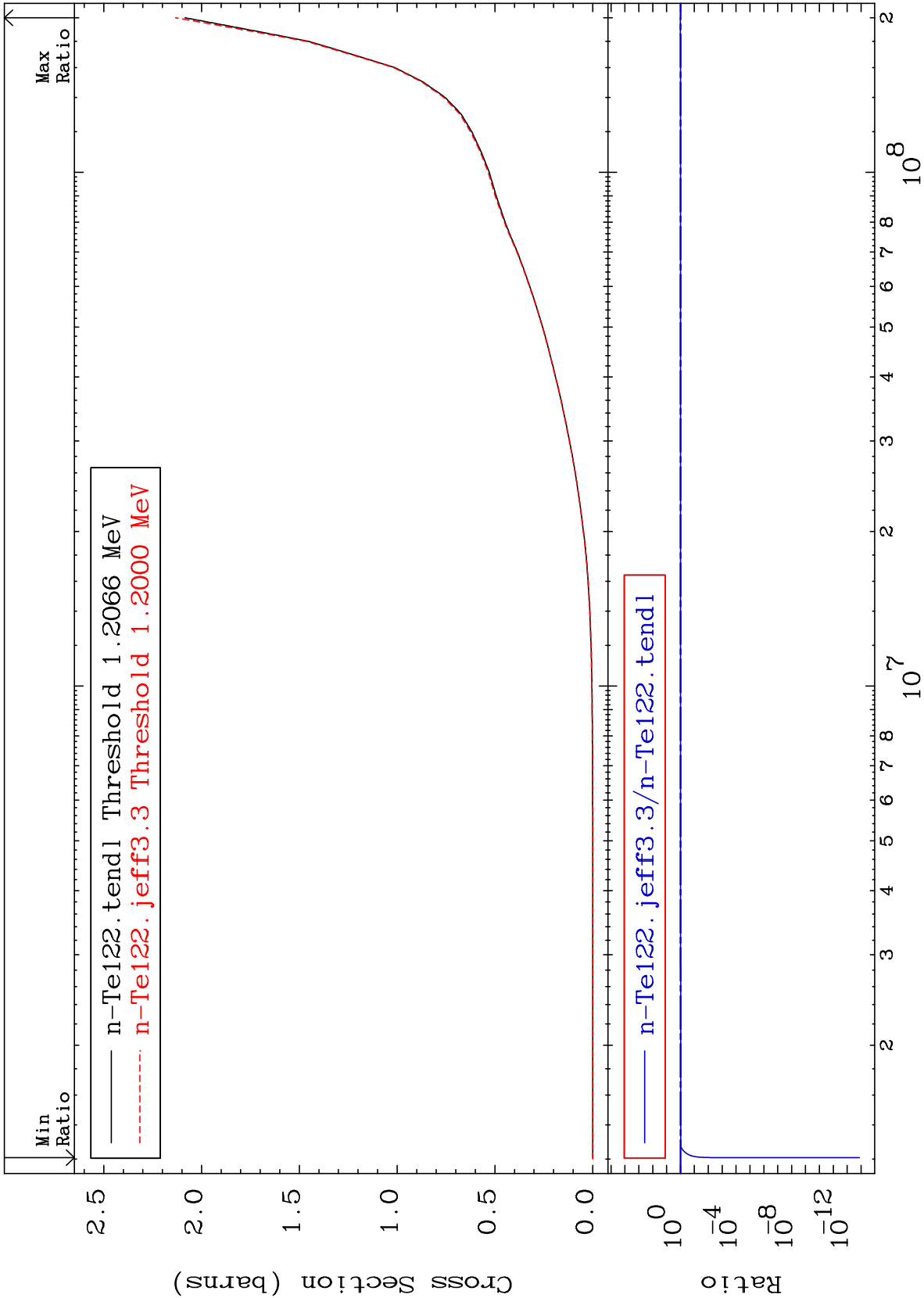
(n,d) α

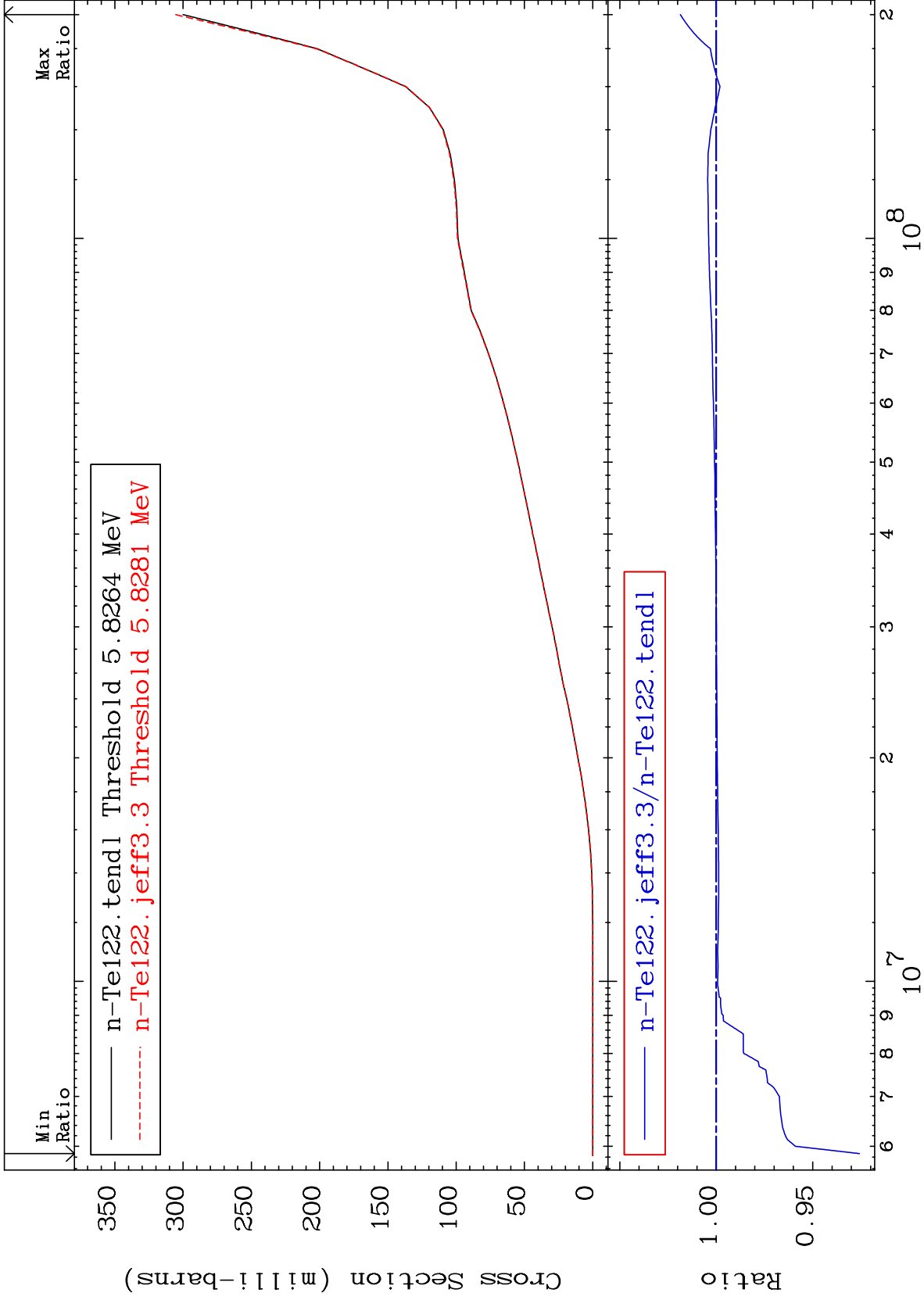
52-Te-122
0.000 To 6606. %



Incident Energy (eV)

52-Te-122

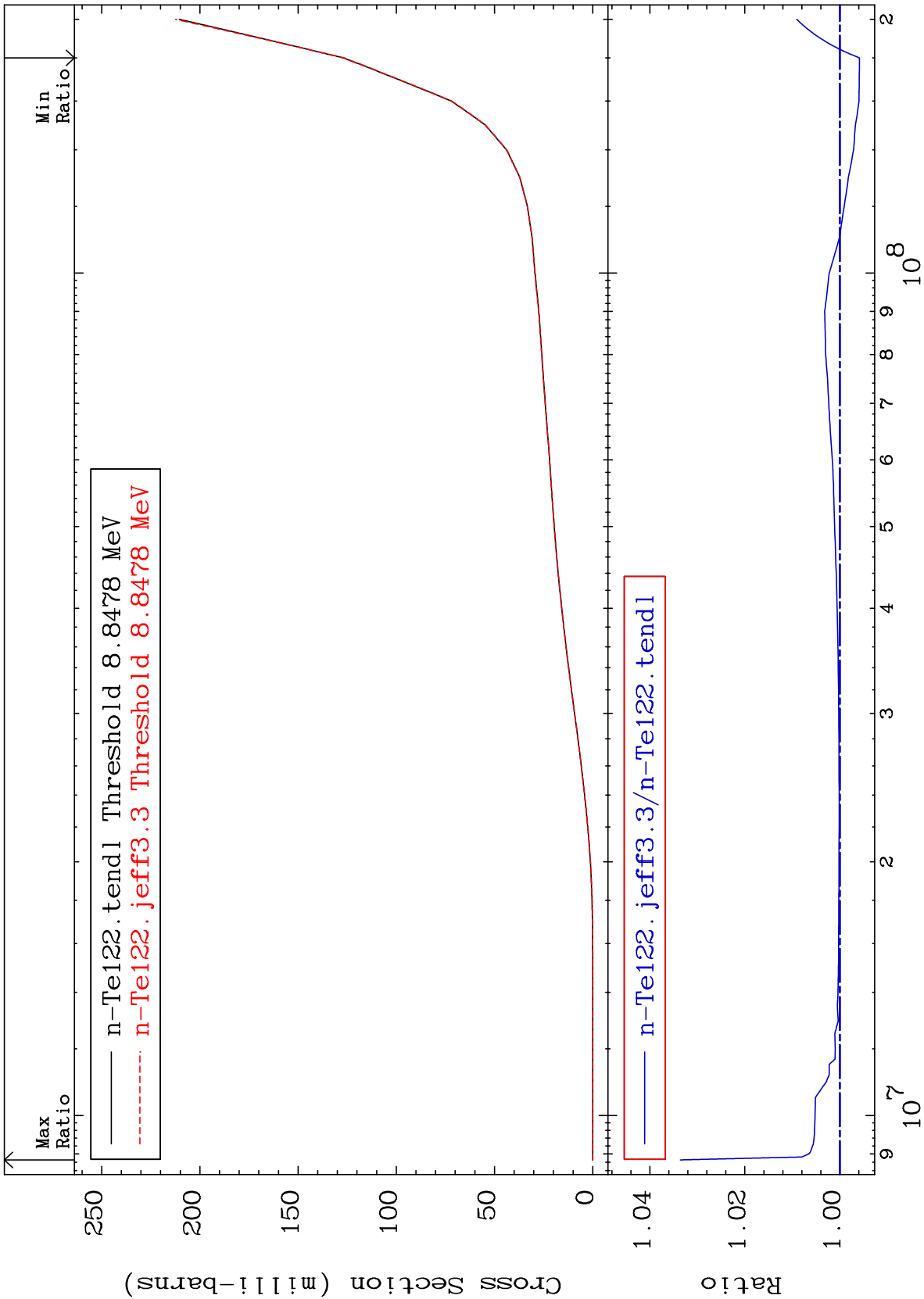


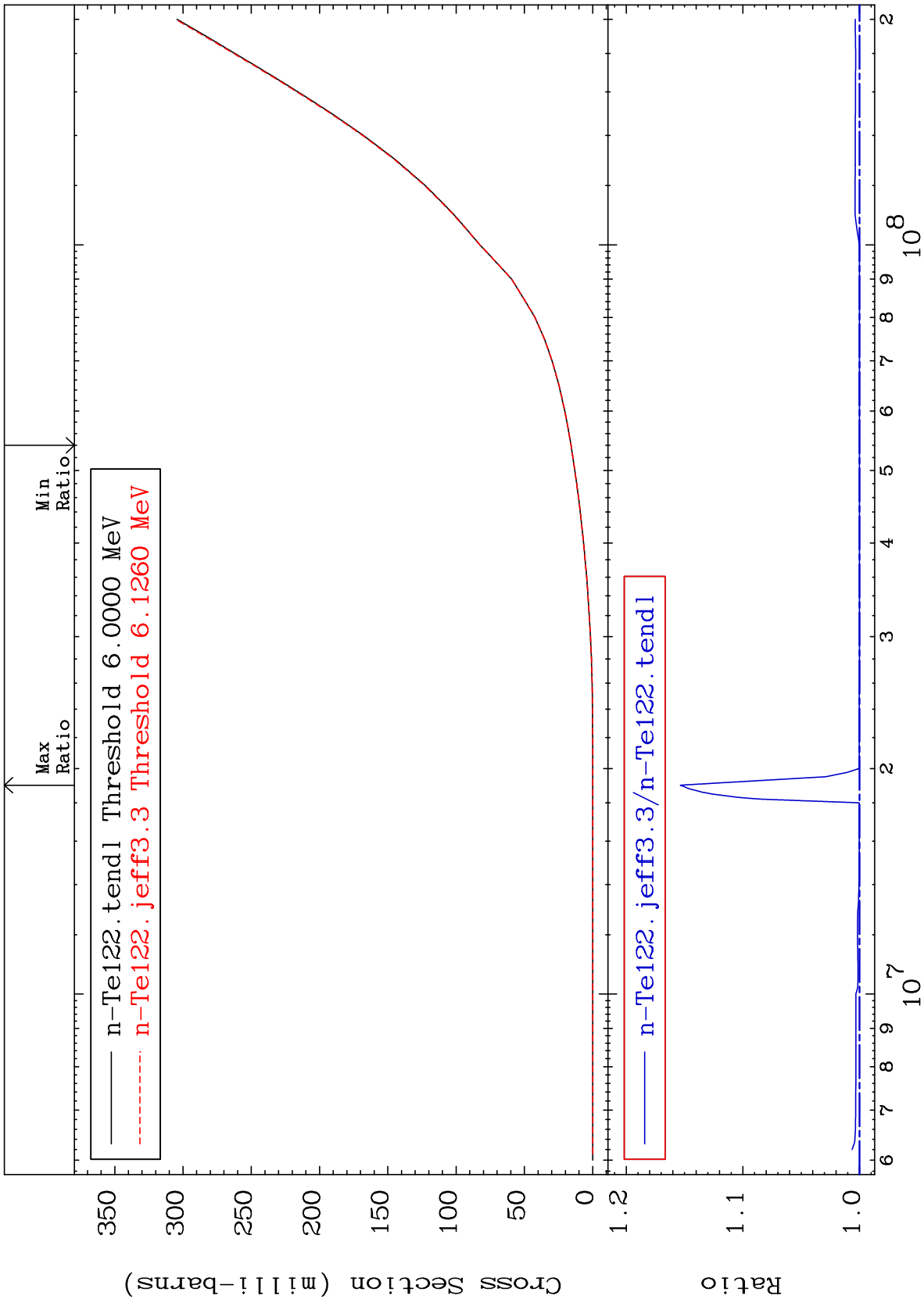


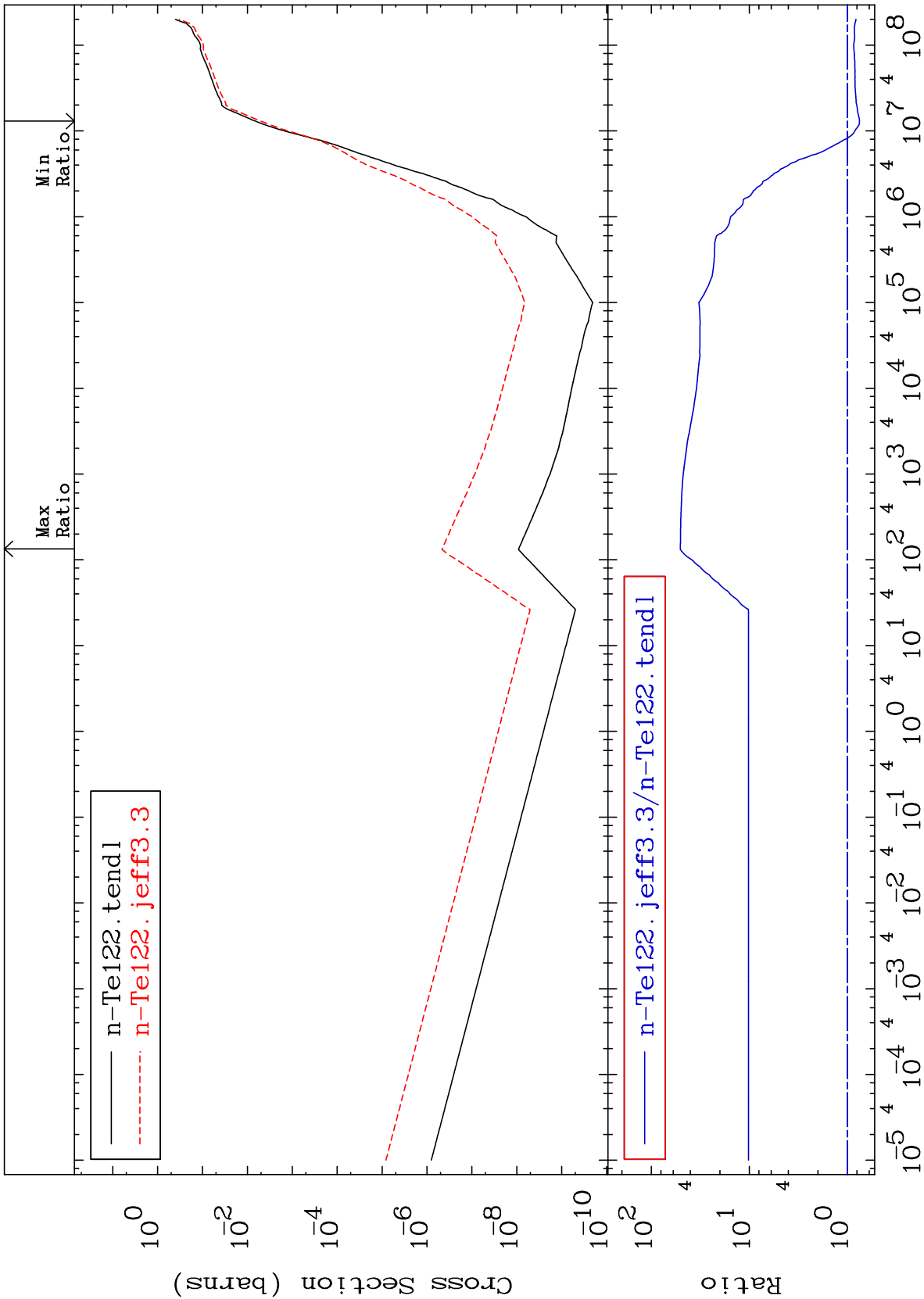
MAT 5231

Tritium Production
Cross Section

52-Te-122
-0.413 To 3.358 %

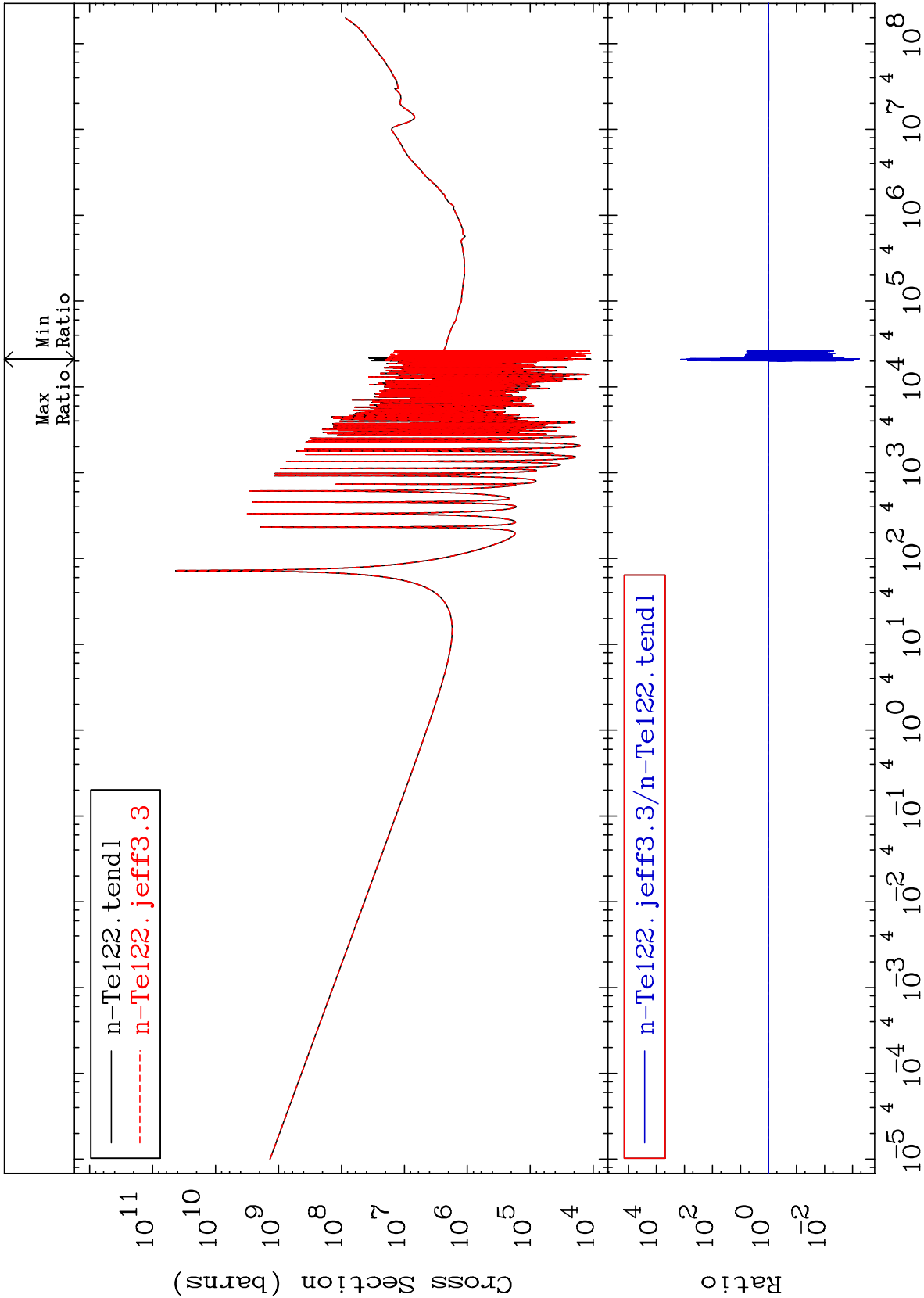


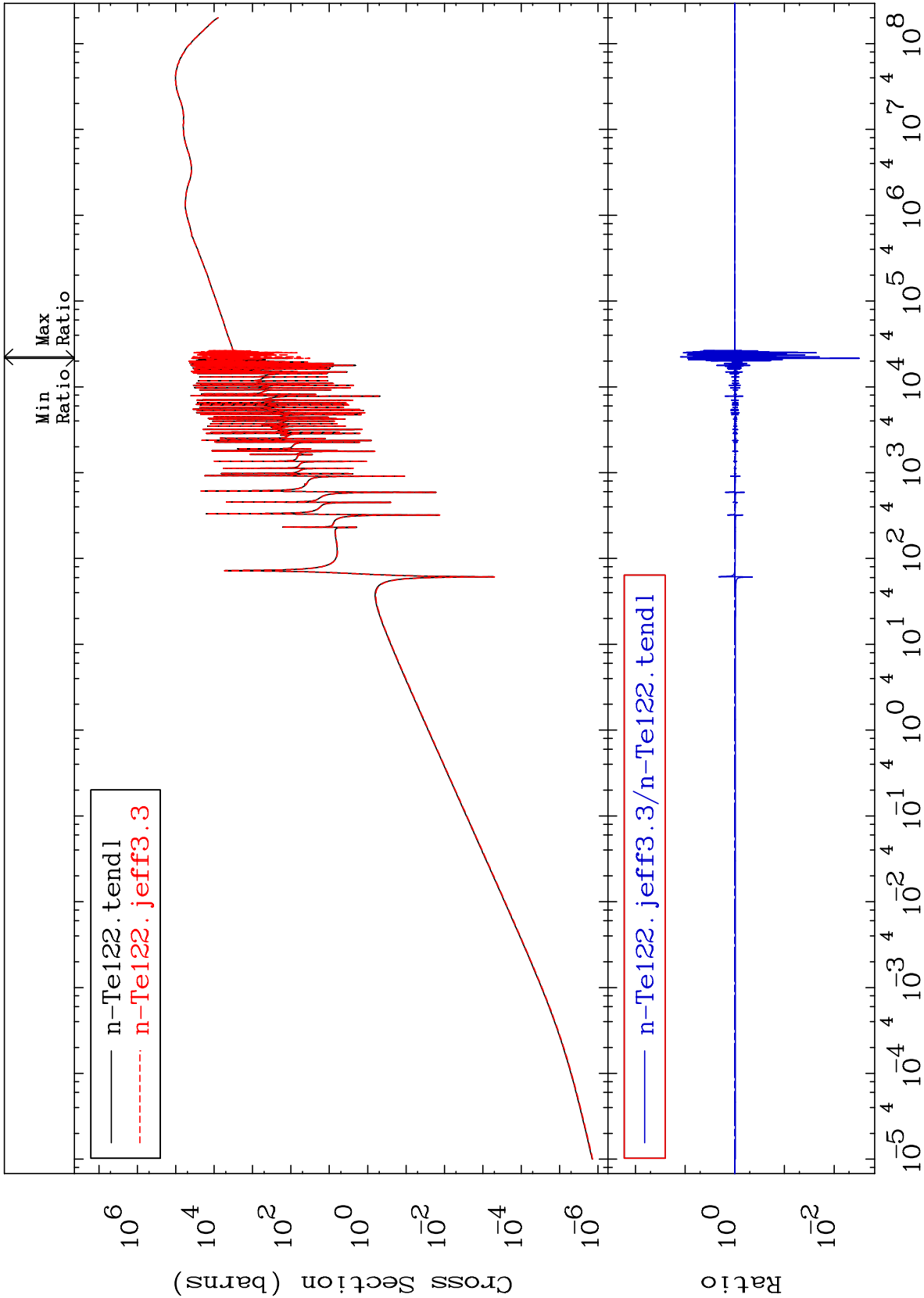




Cross Section

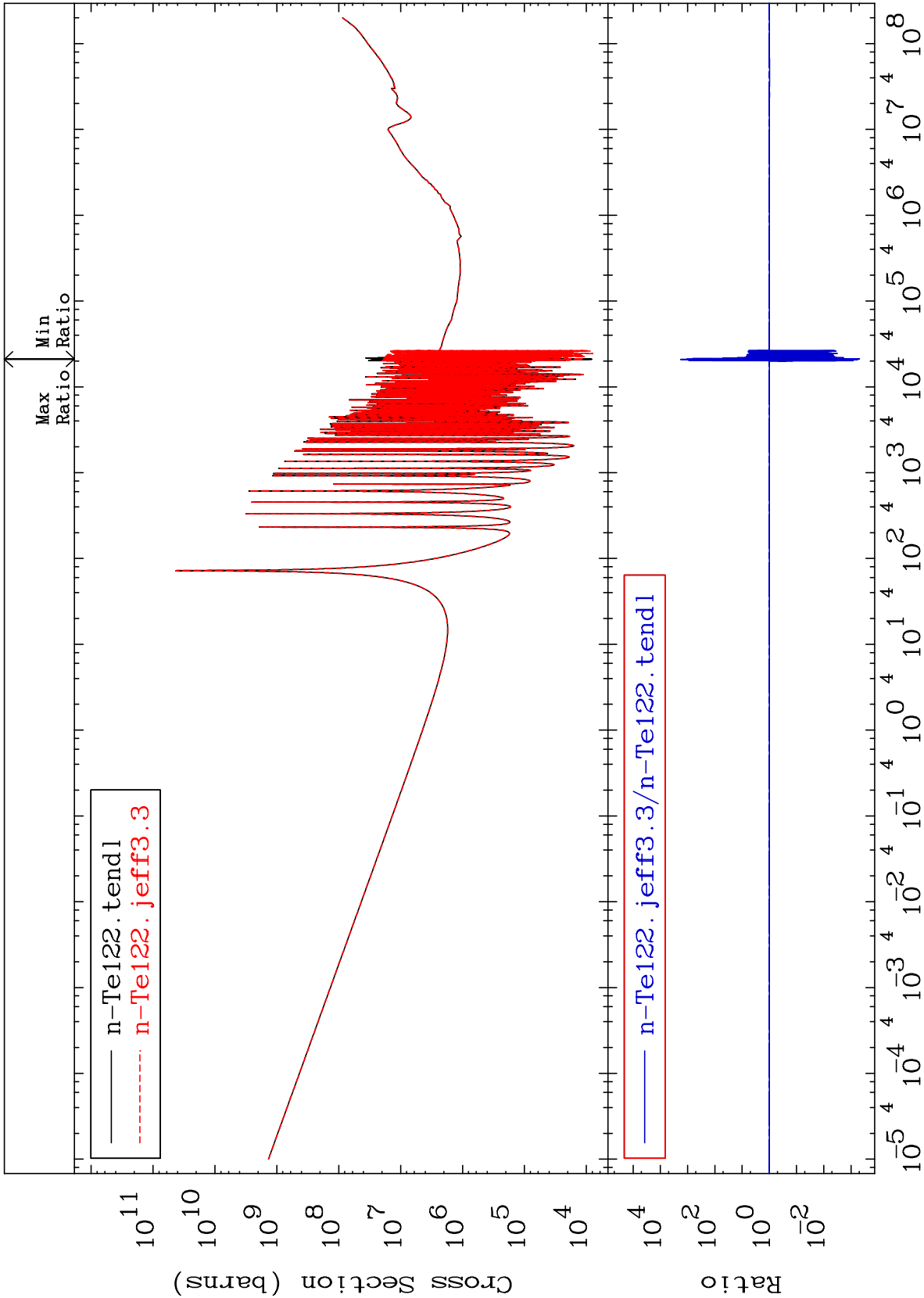
-99.94 To 9999. %





Cross Section

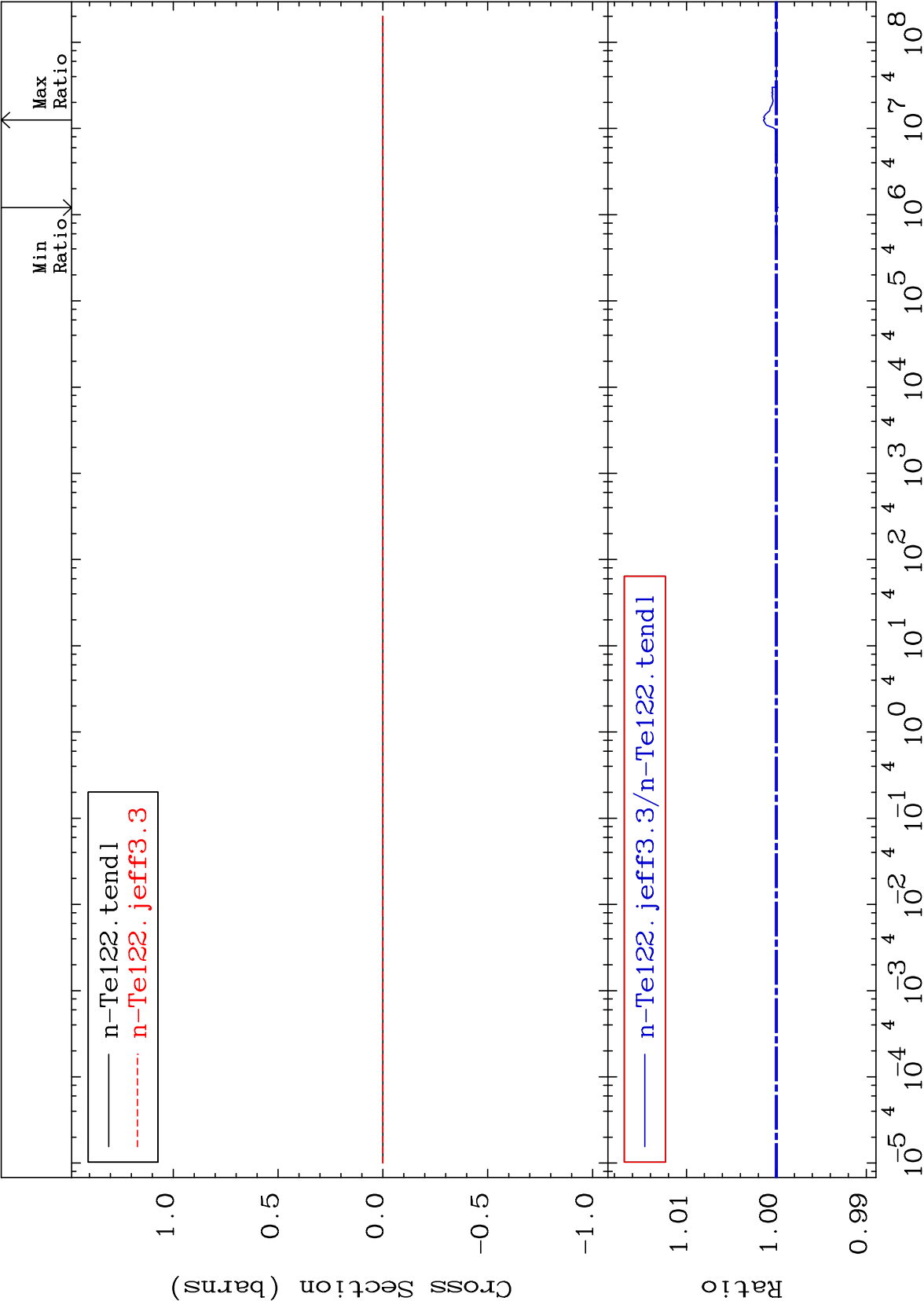
-99.95 To 9999. %

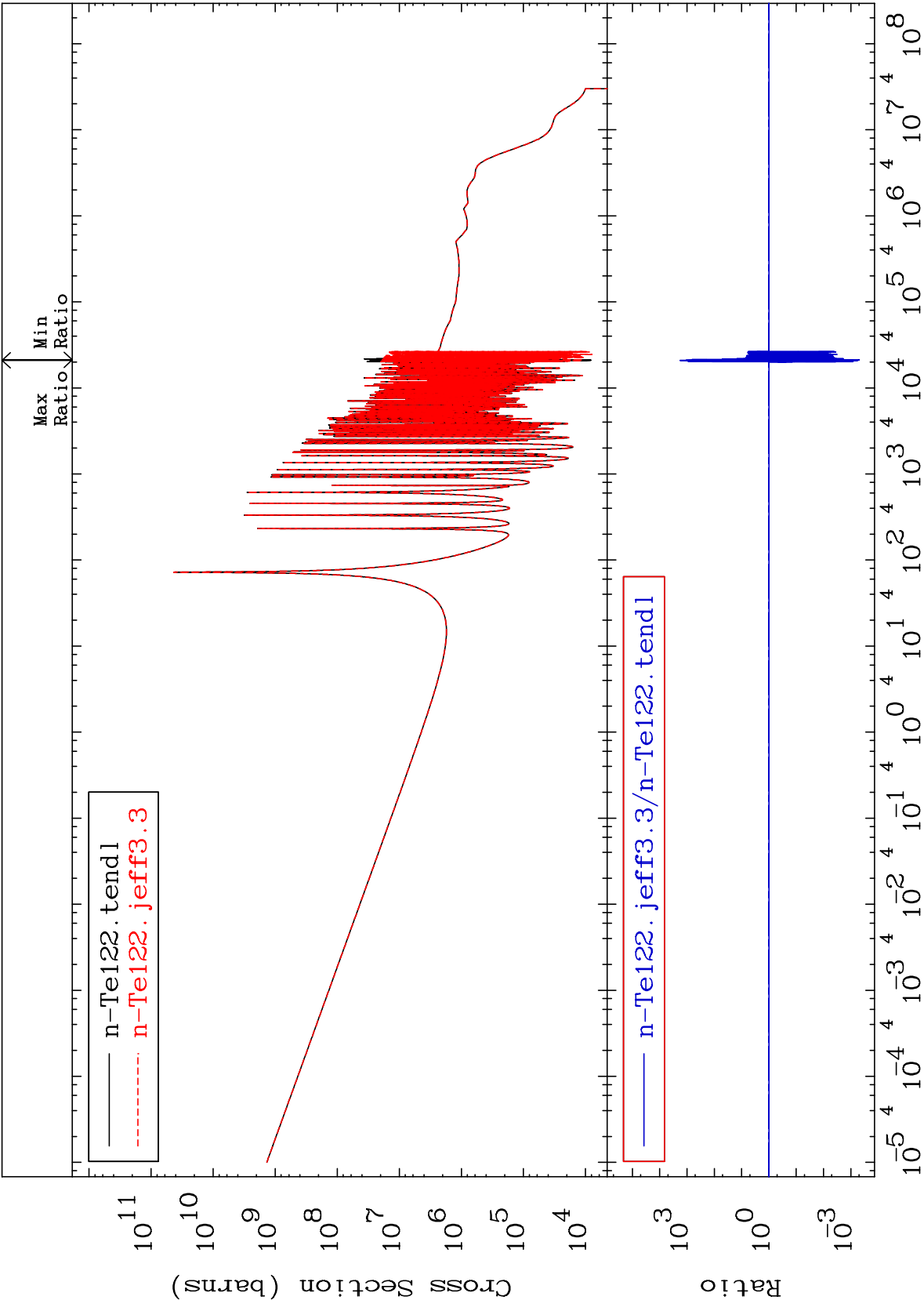


MAT 5231

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

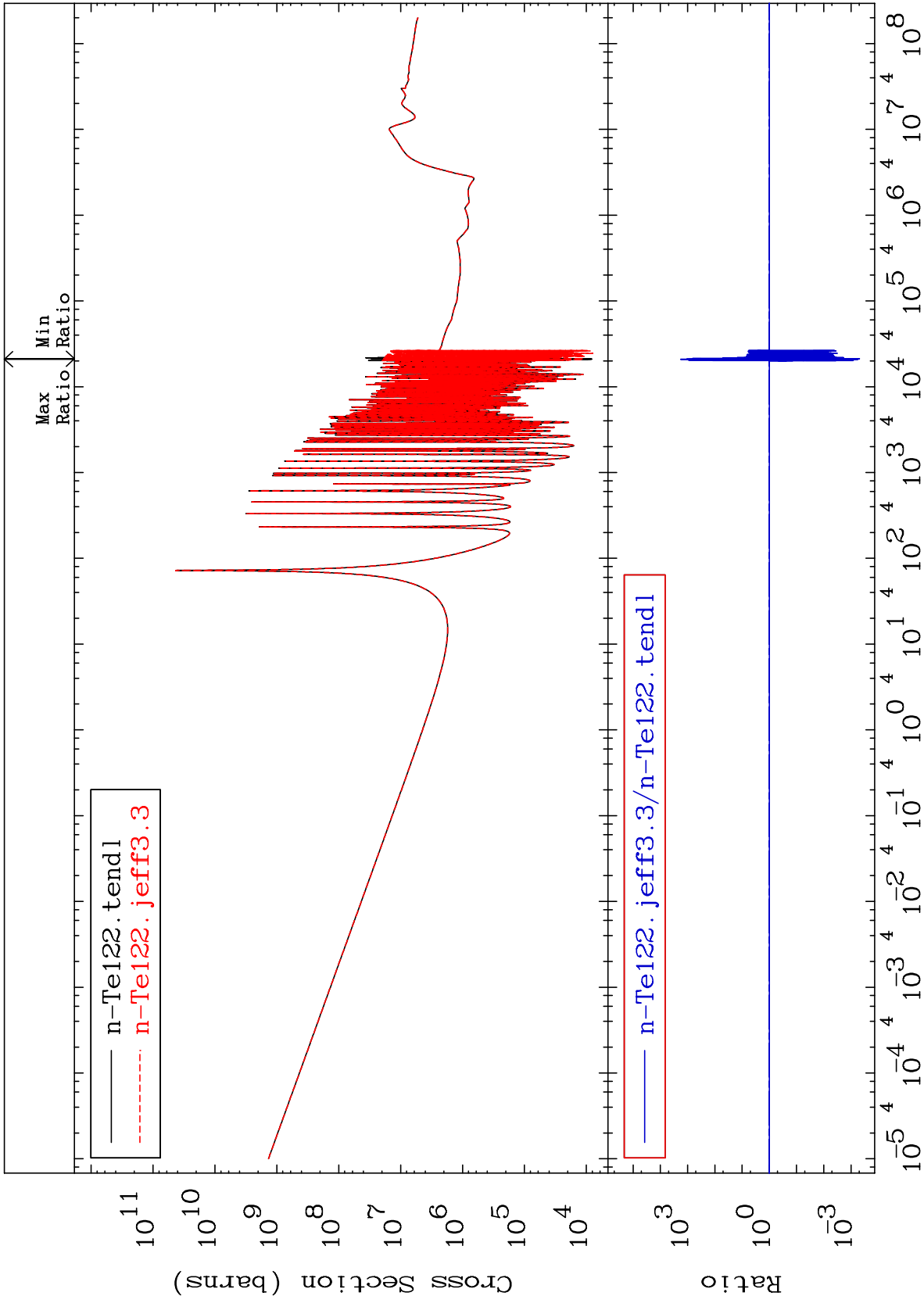
52-Te-122
-0.018 To 0.145 %

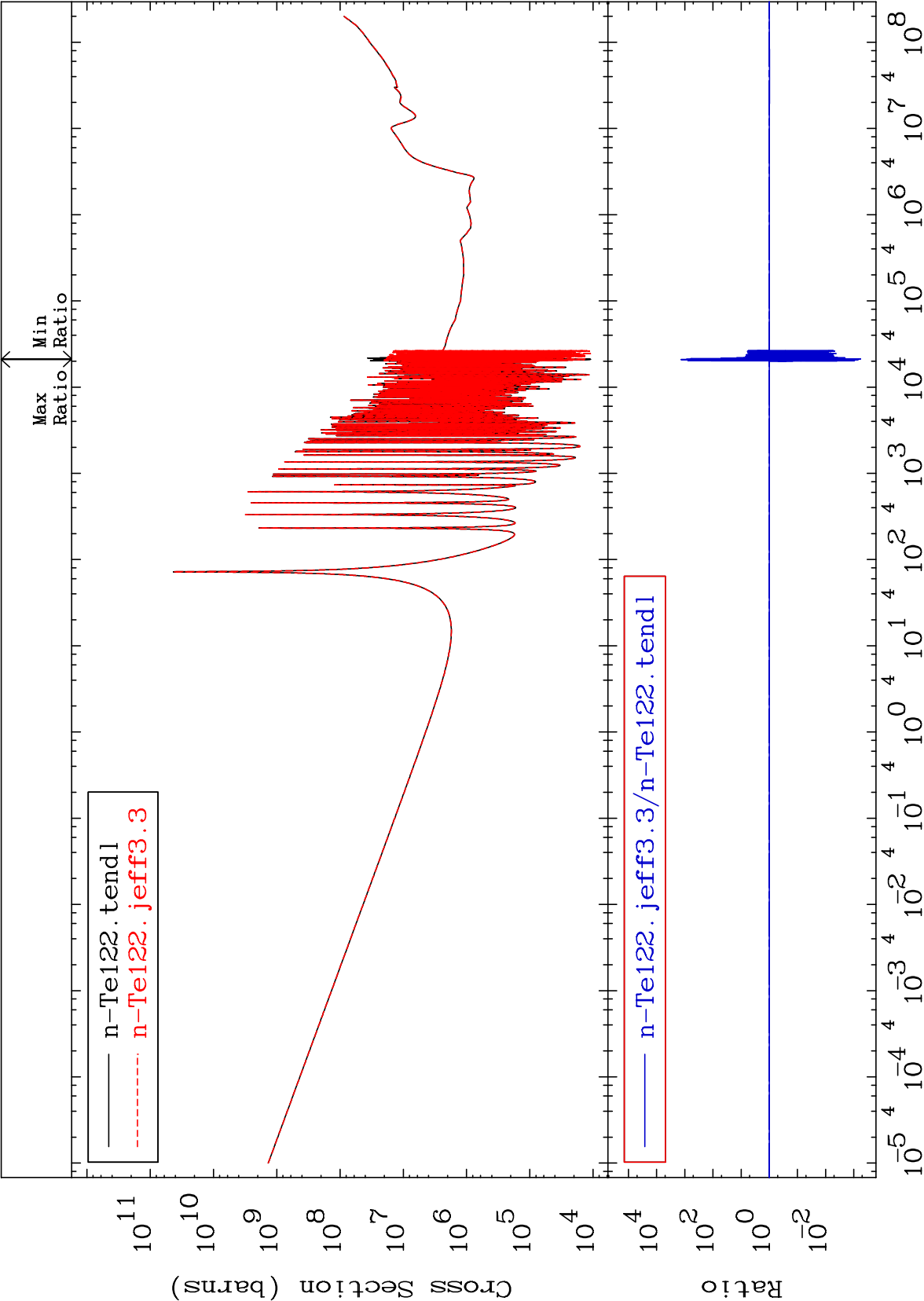




Cross Section

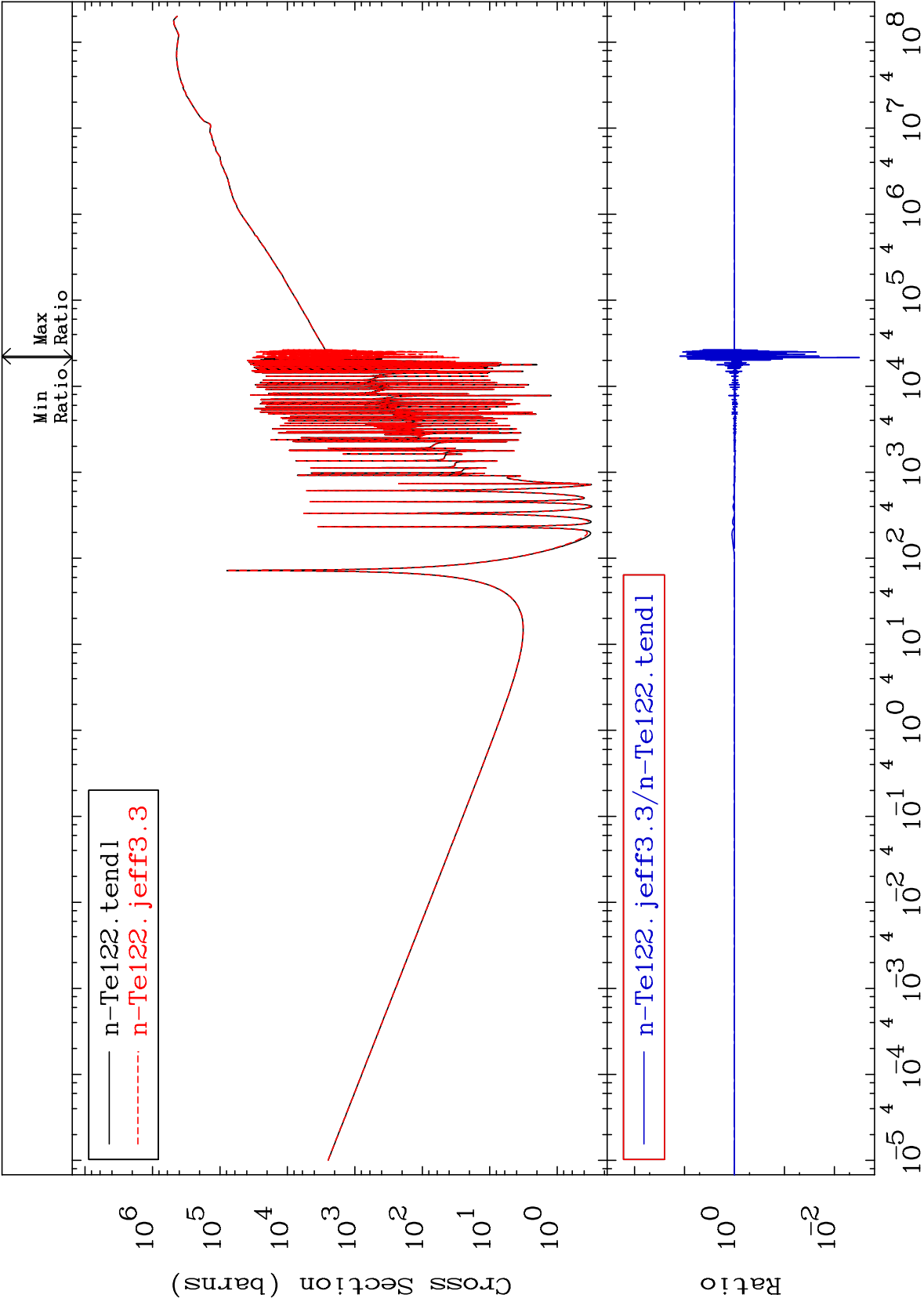
-99.95 To 9999. %

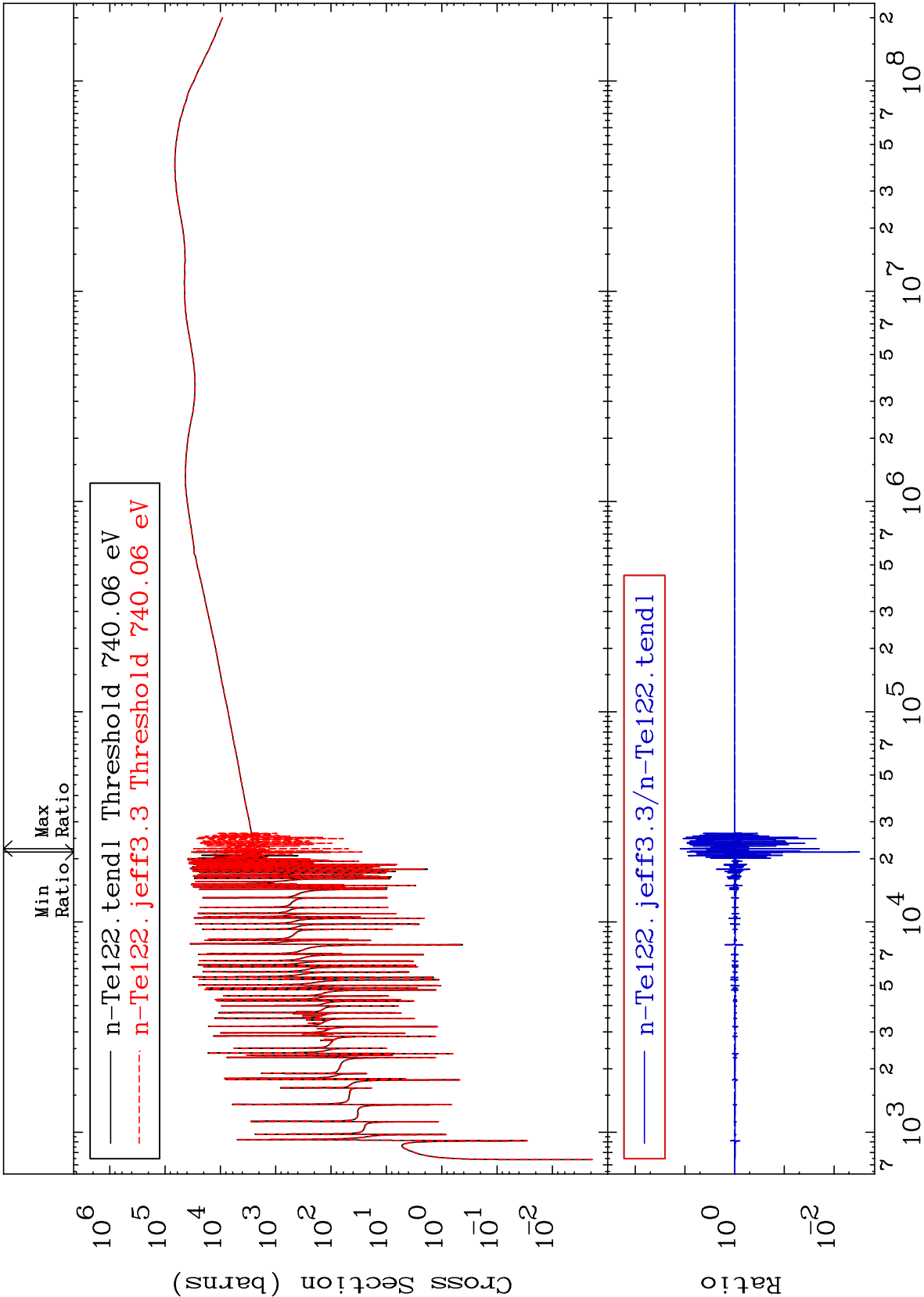




Cross Section

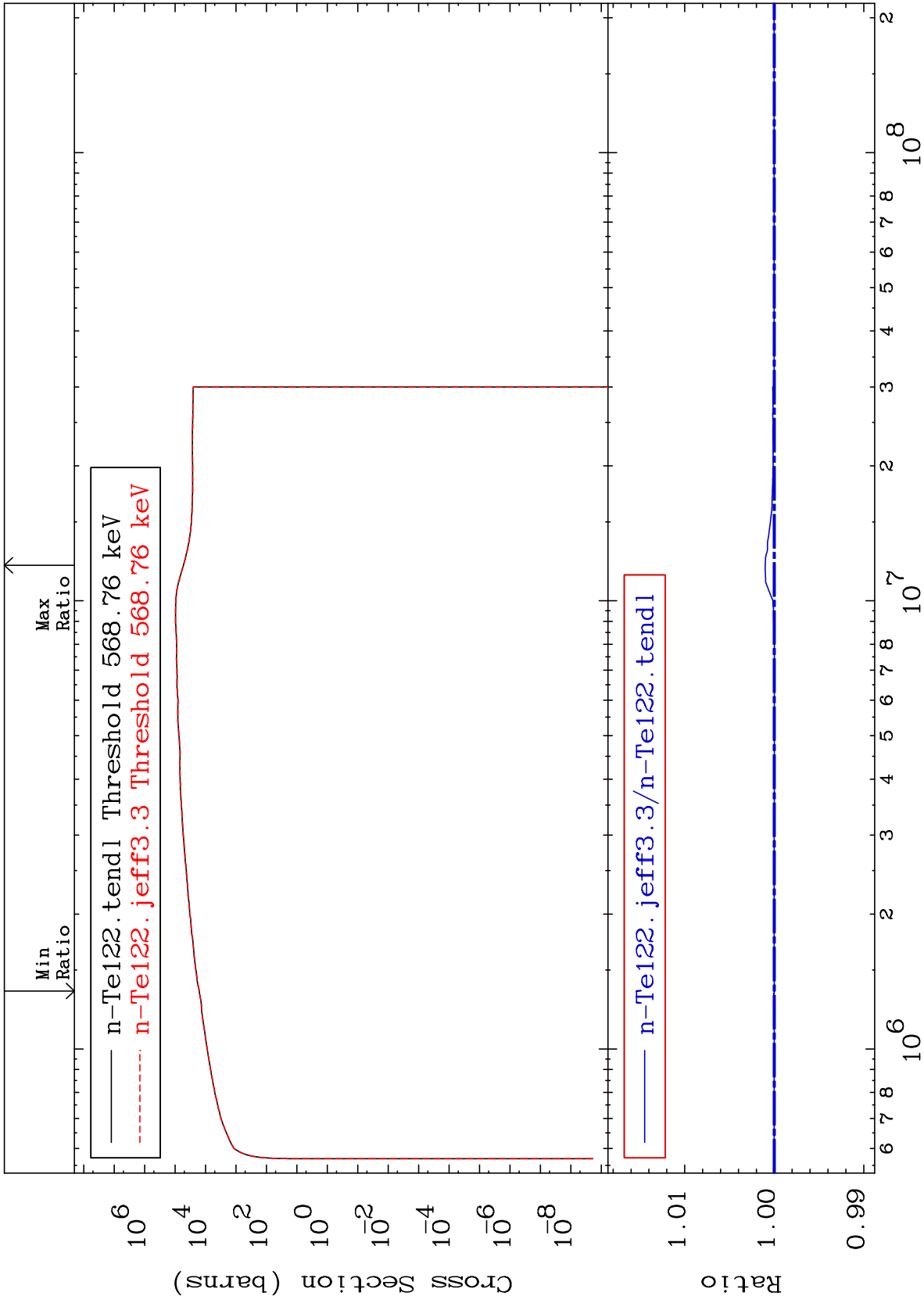
-99.68 To 1147. %





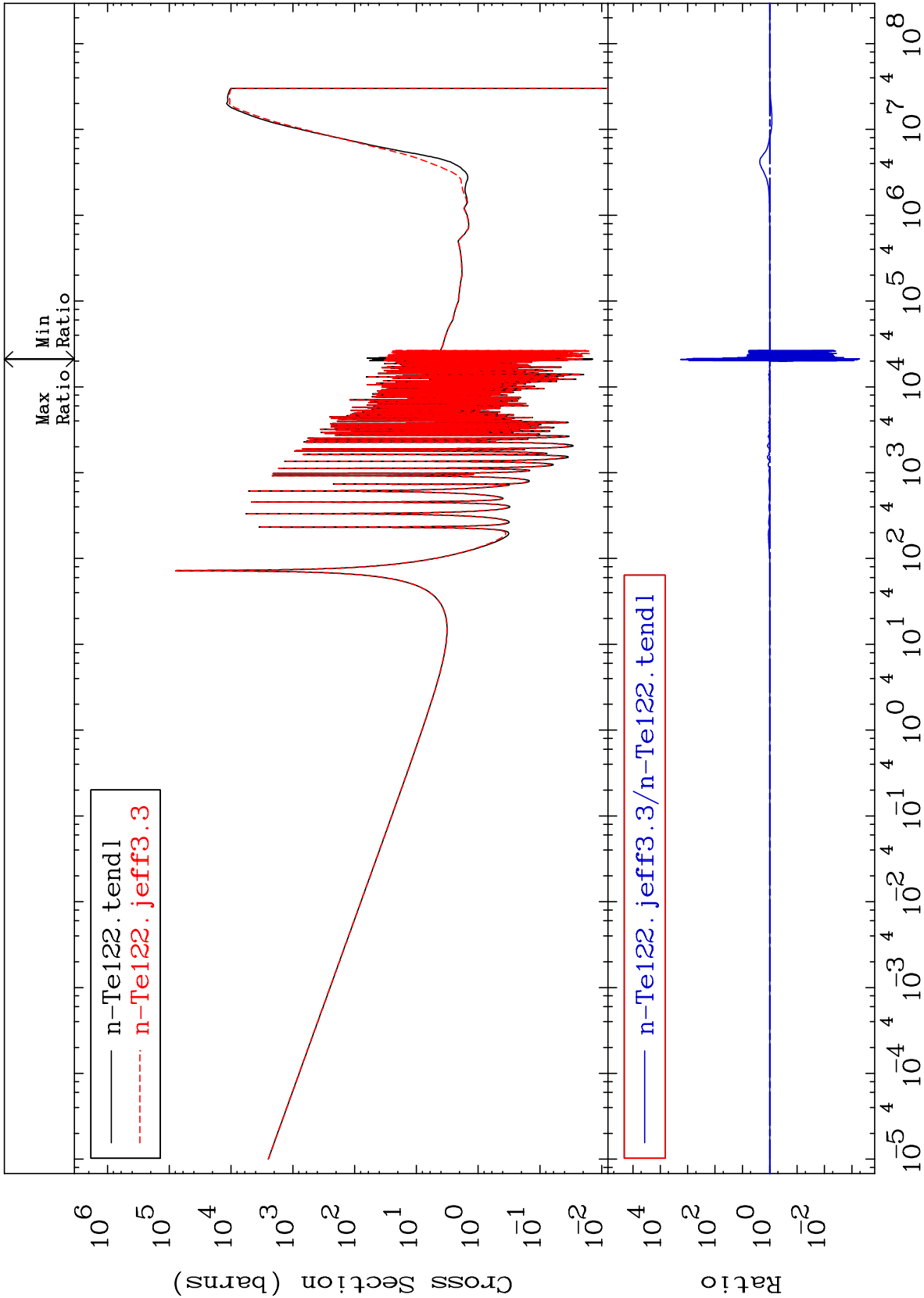
Cross Section

-0.005 To 0.102 %



Cross Section

-99.95 To 9999. %



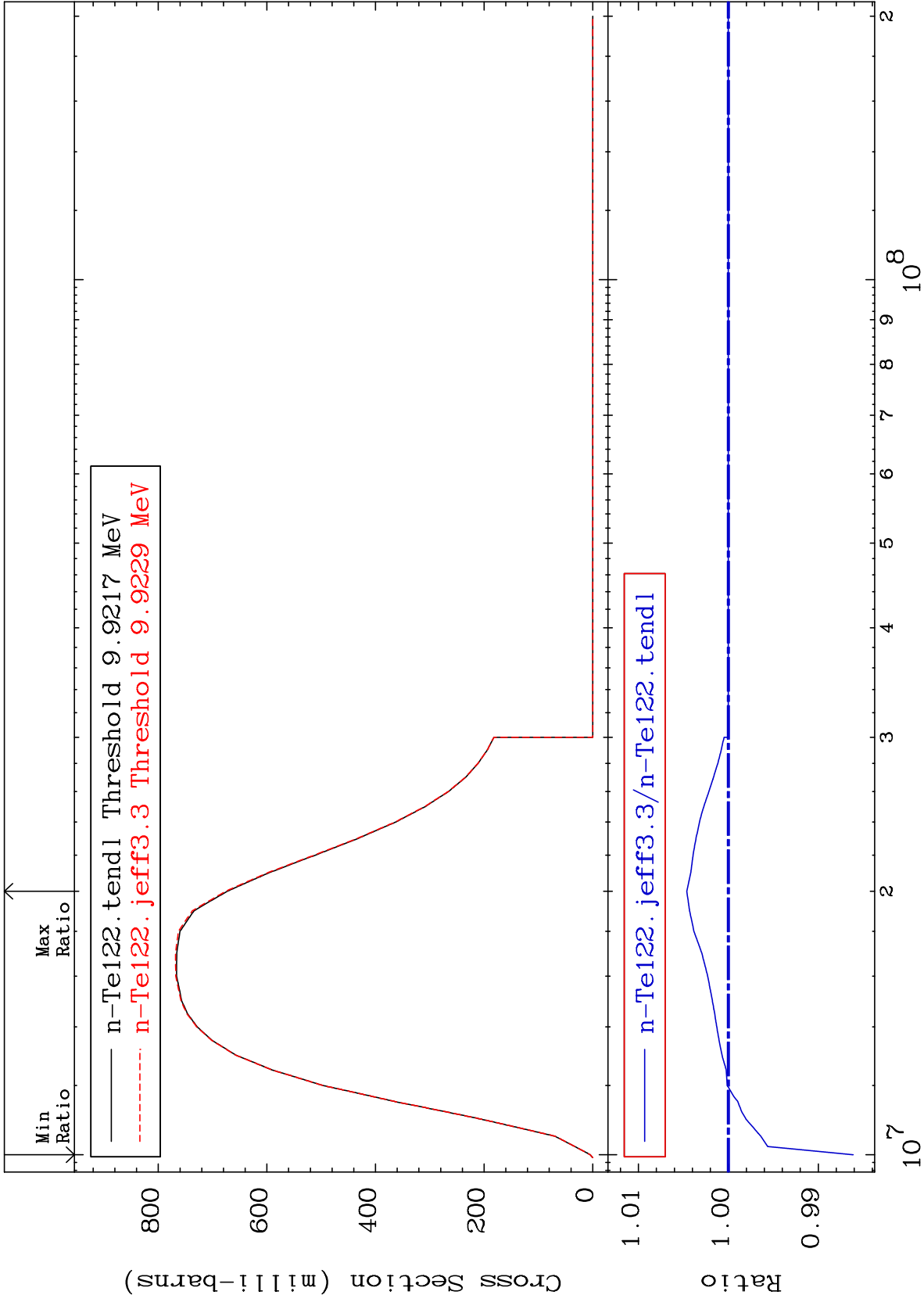
MAT 5231

(n,2n):52-Te-121g

52-Te-122

Radionuclide Production Cross Section

-1.387 To 0.463 %



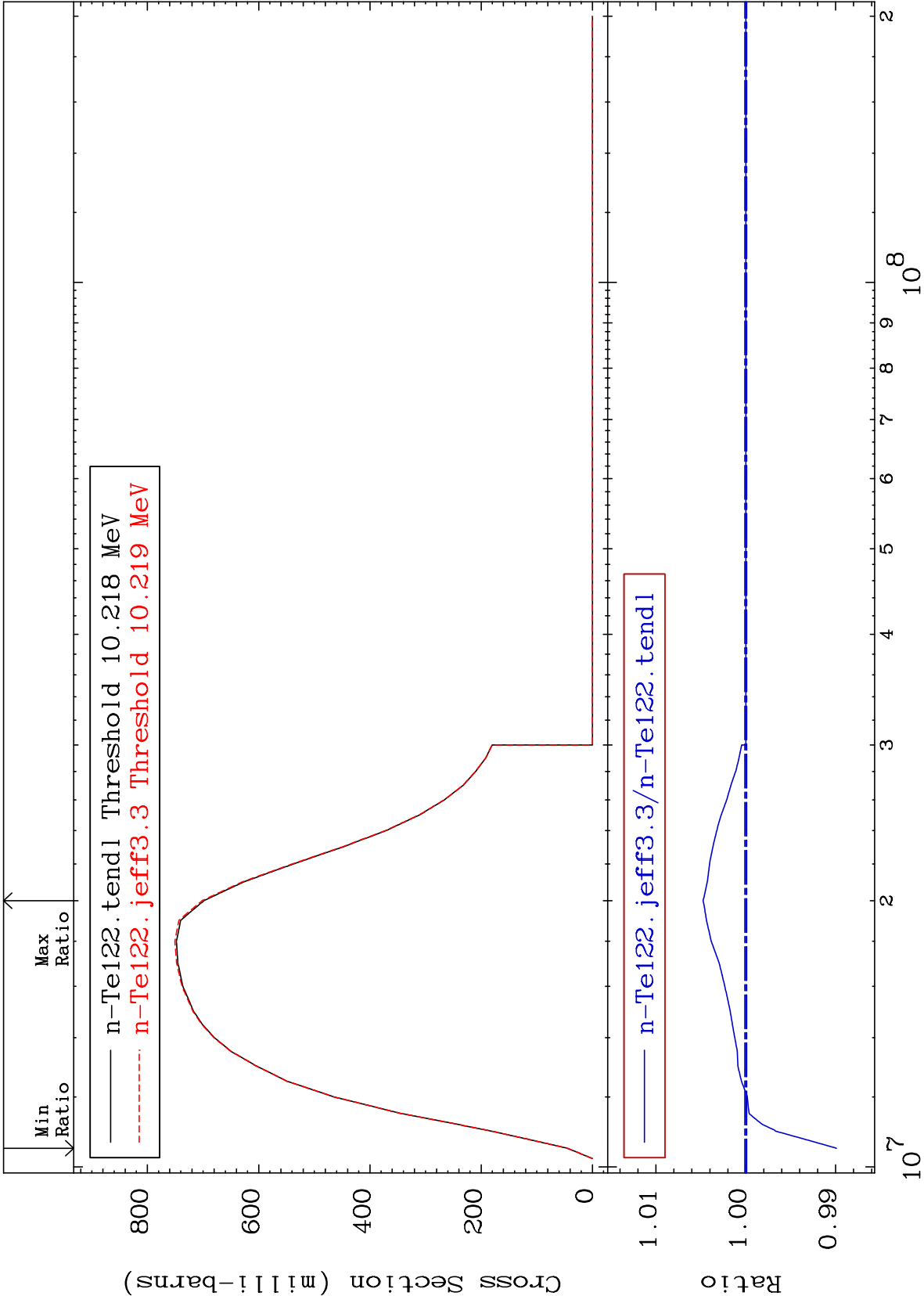
MAT 5231

(n,2n):52-Te-121m2

52-Te-122

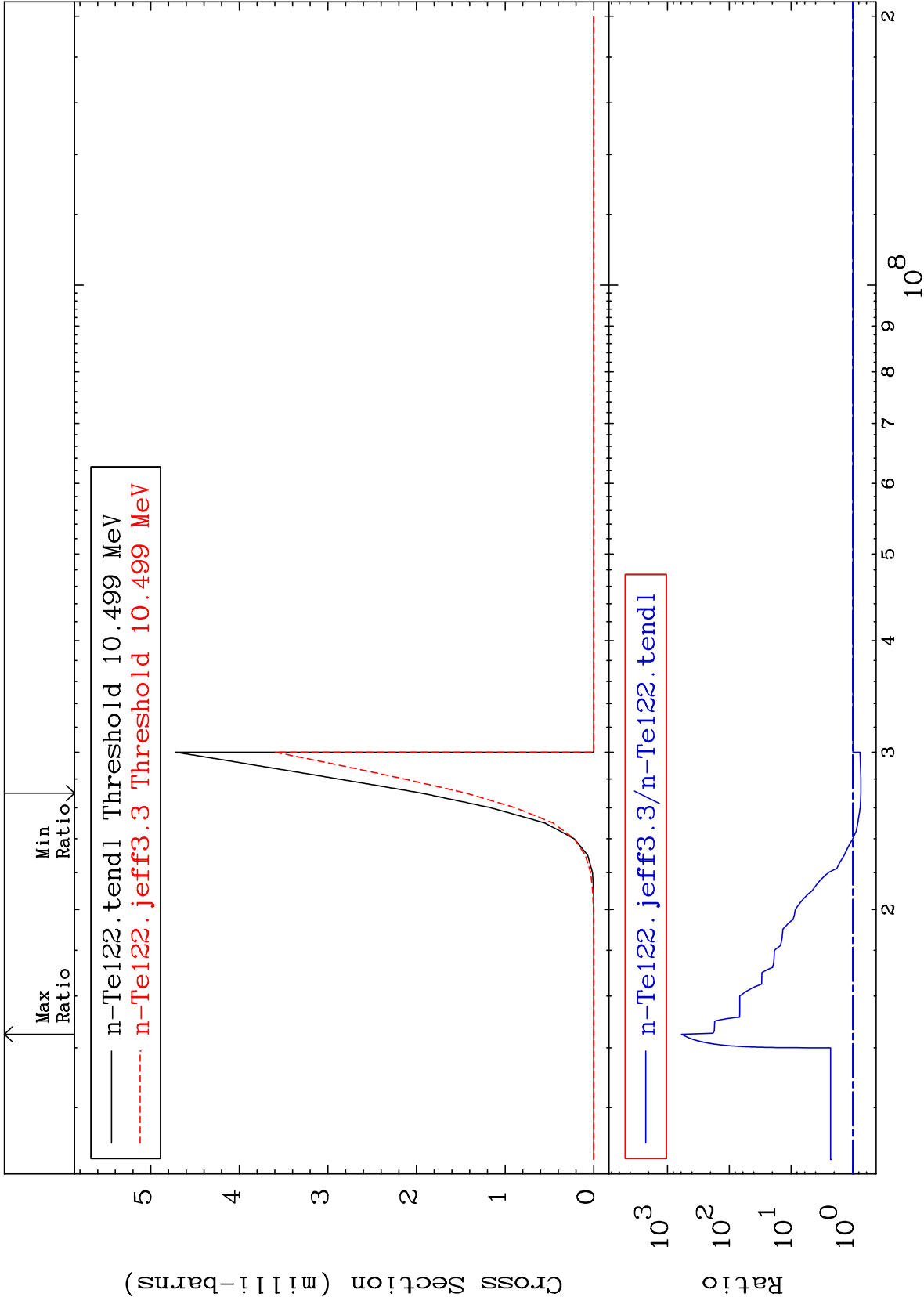
Radionuclide Production Cross Section

-1.008 To 0.475 %

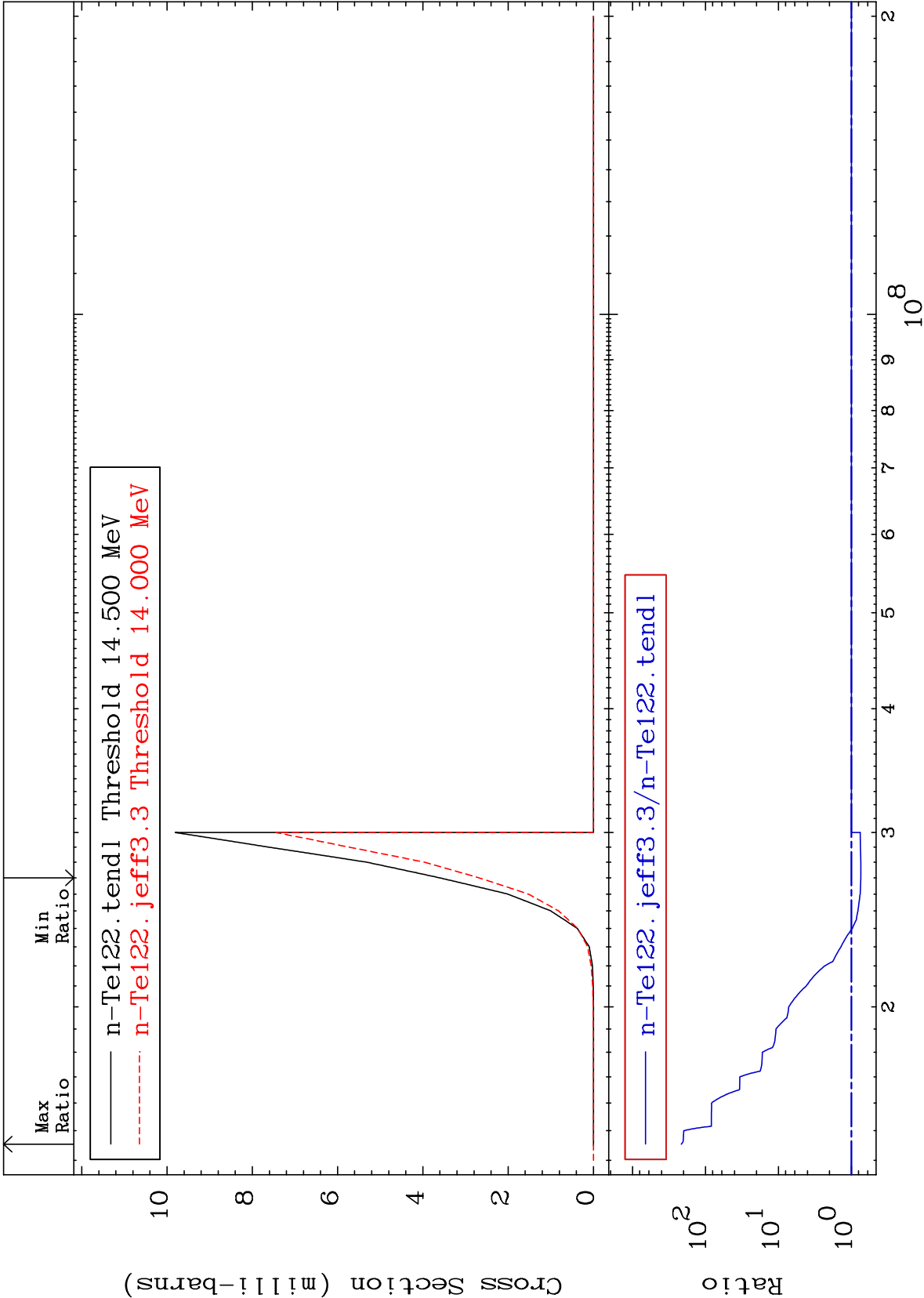


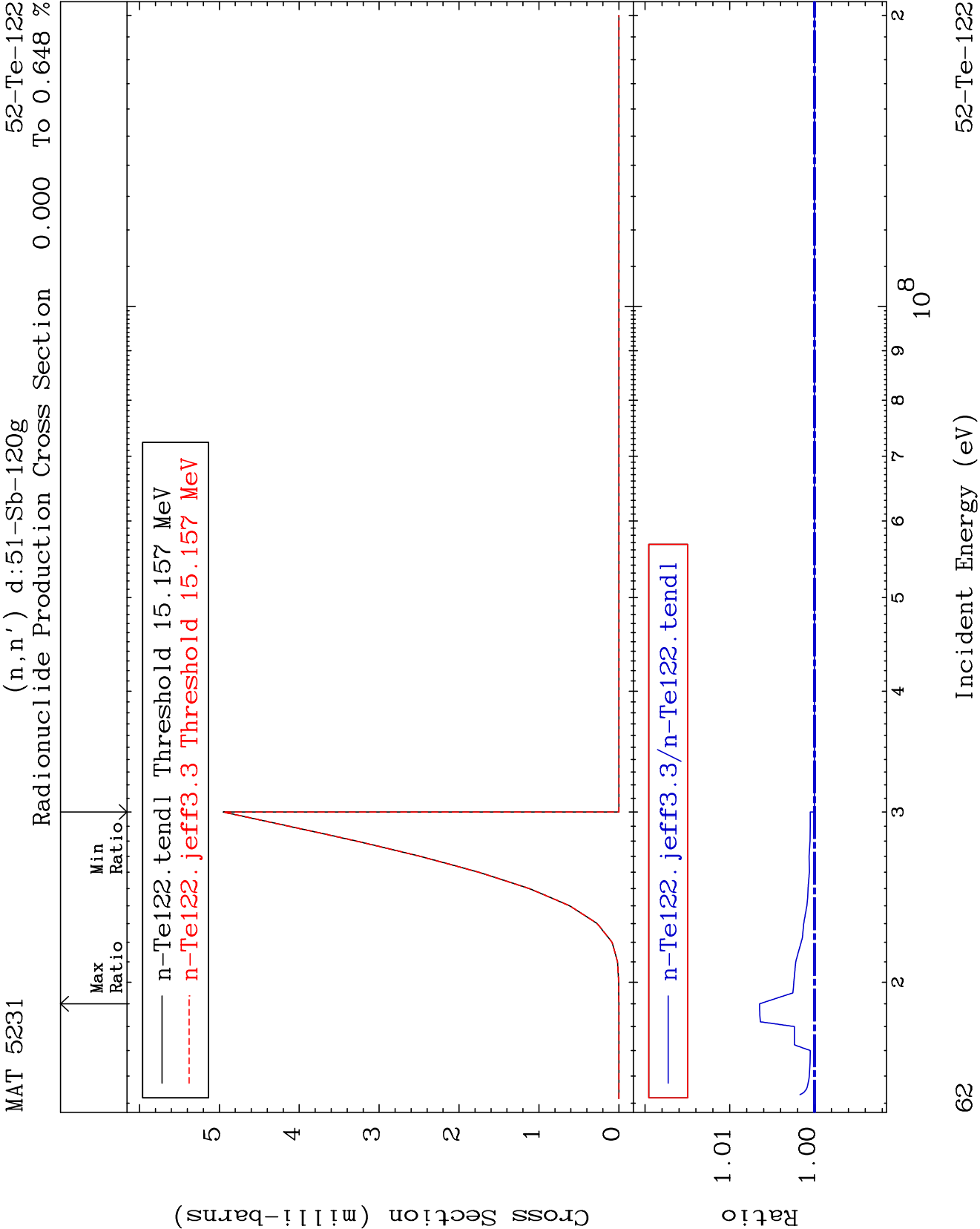
Radionuclide Production Cross Section

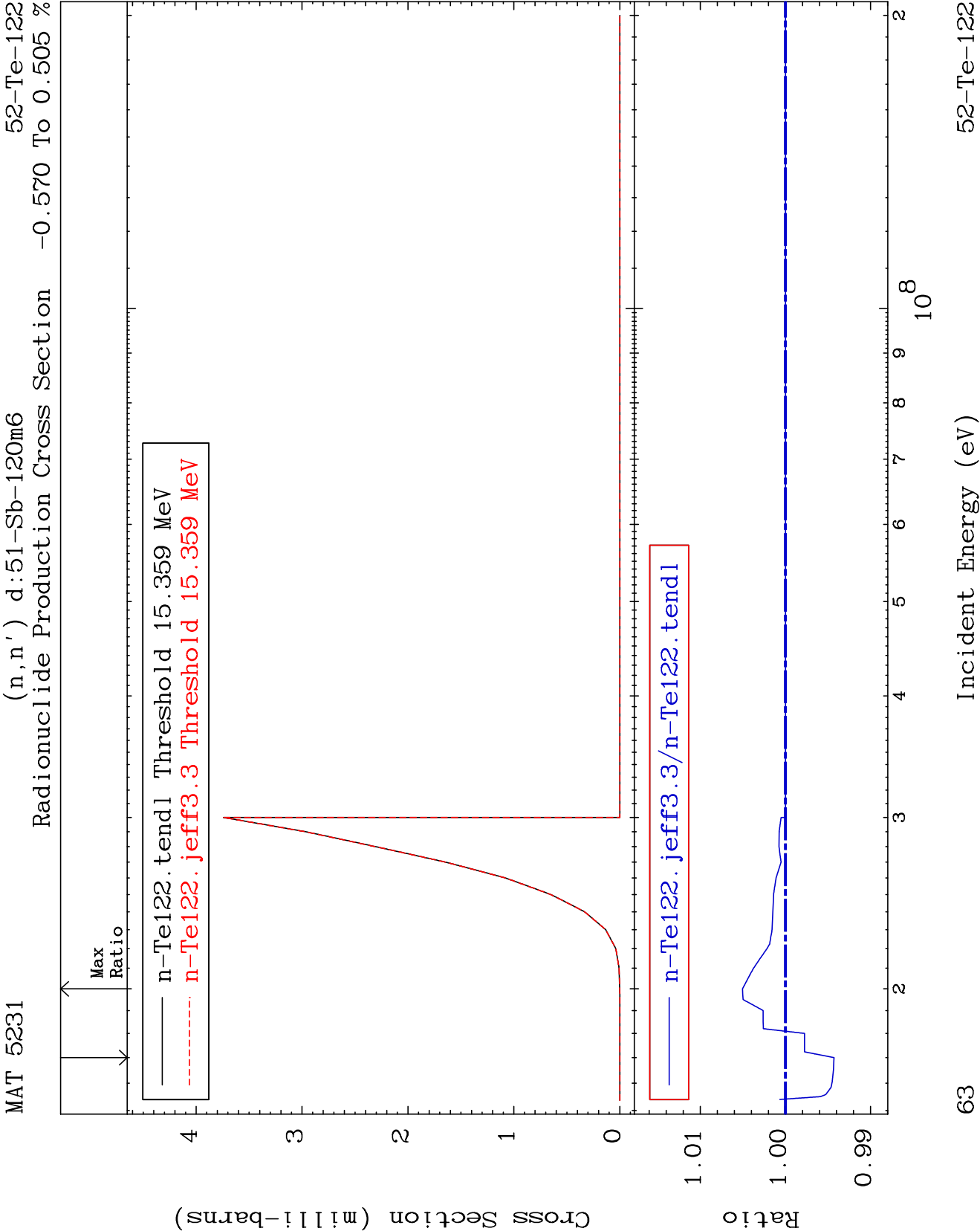
-25.89 To 9999. %

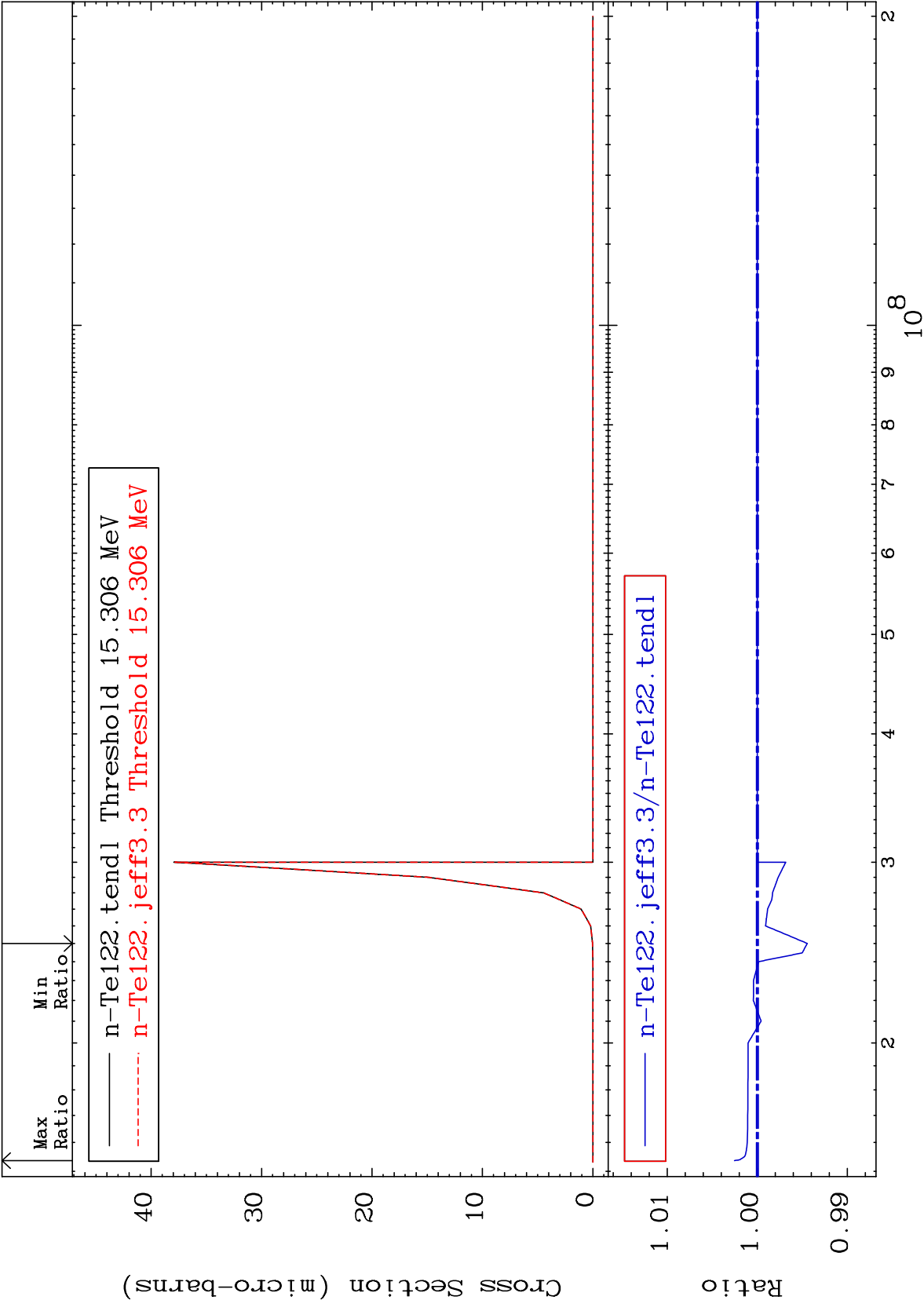


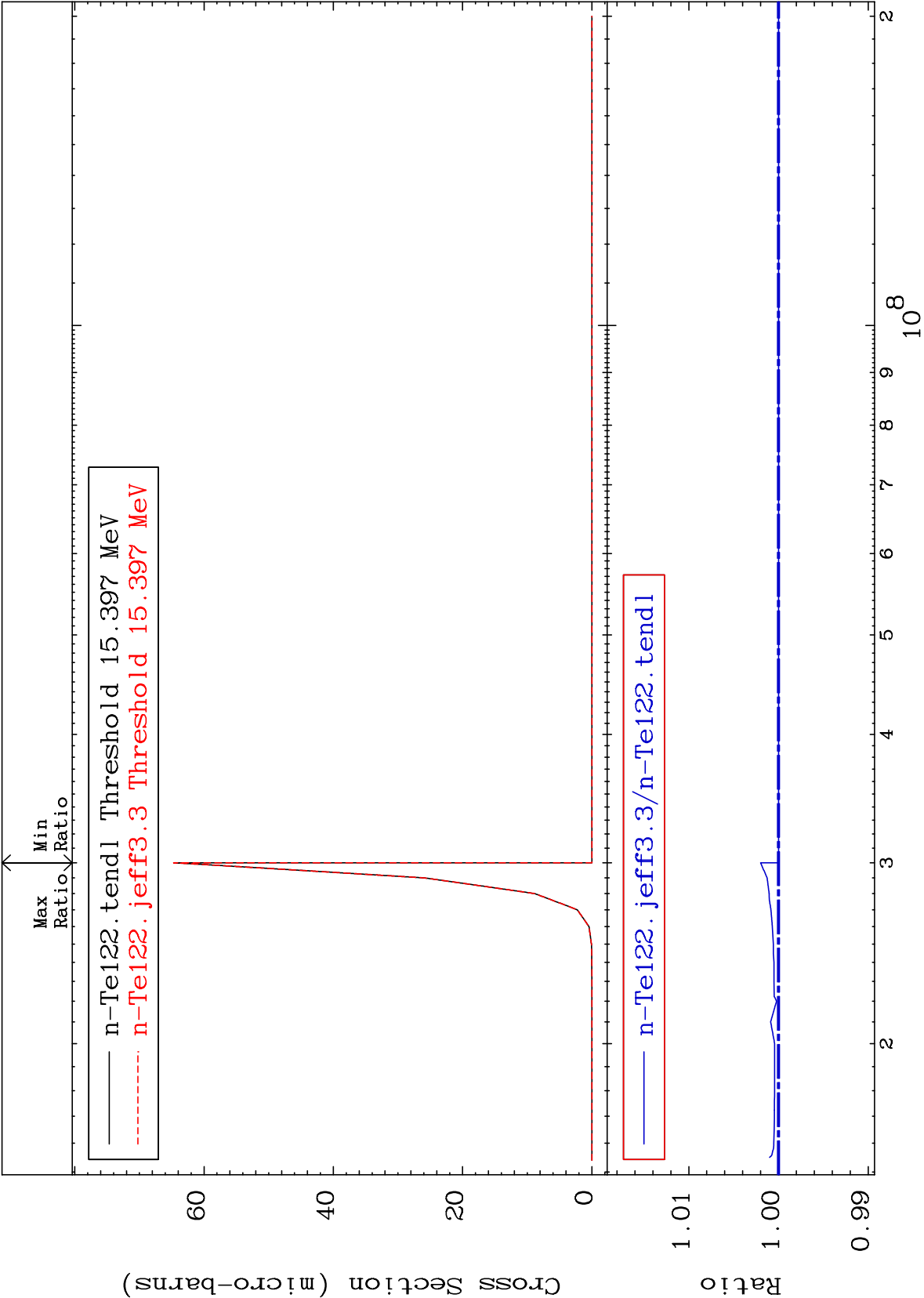
Radionuclide Production Cross Section -25.55 To 9999. %











MAT 5231

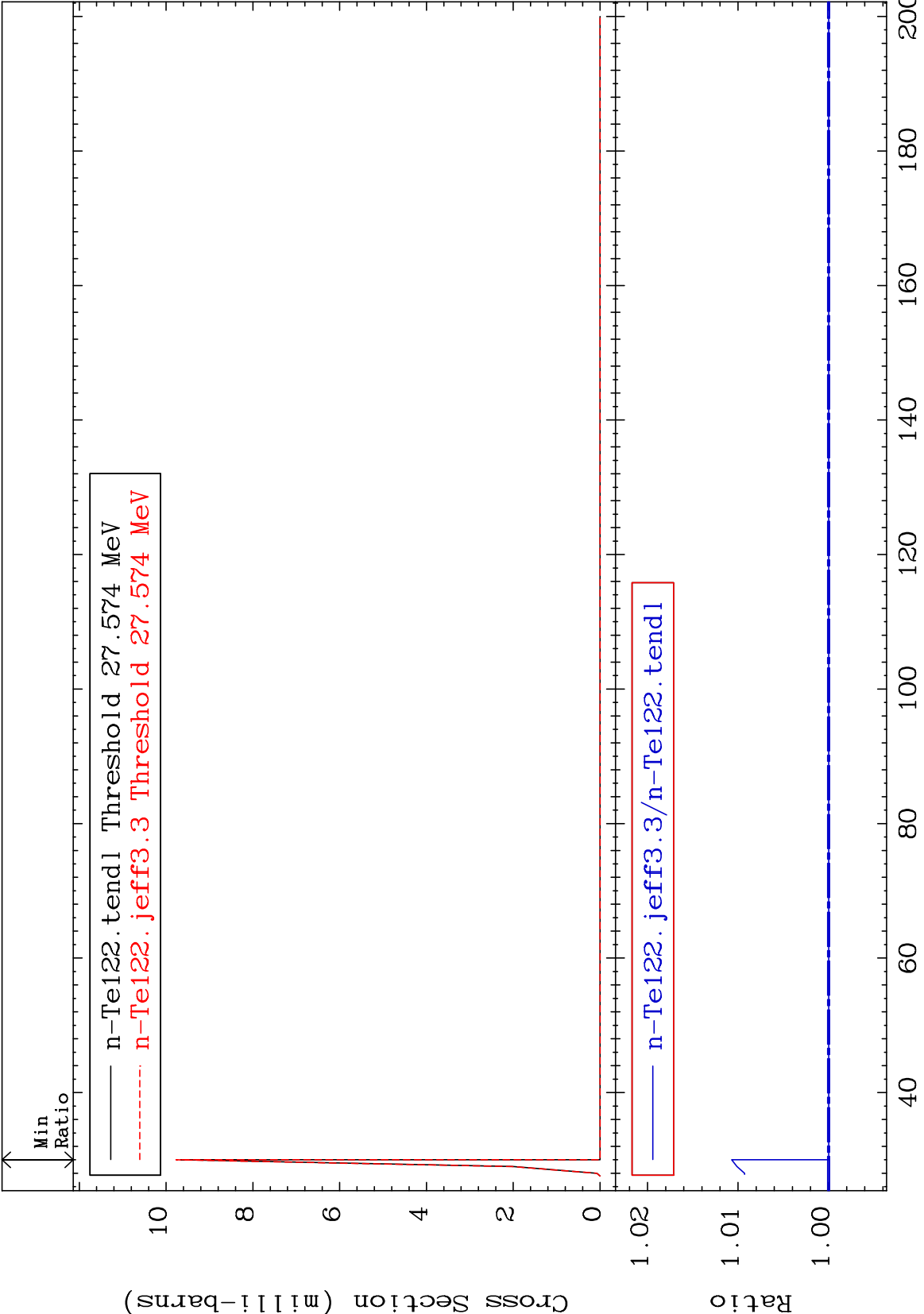
(n,4n):52-Te-119g

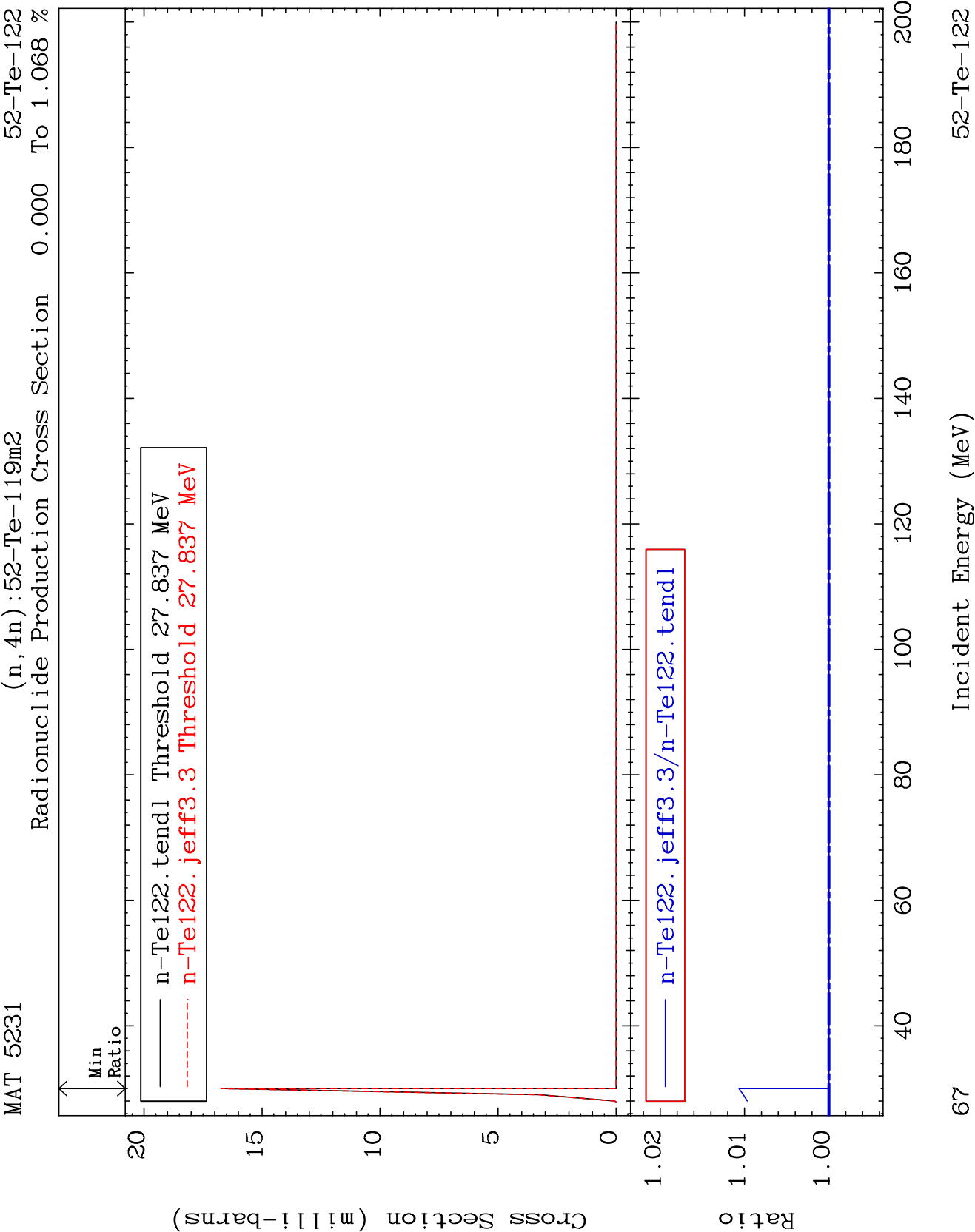
52-Te-122

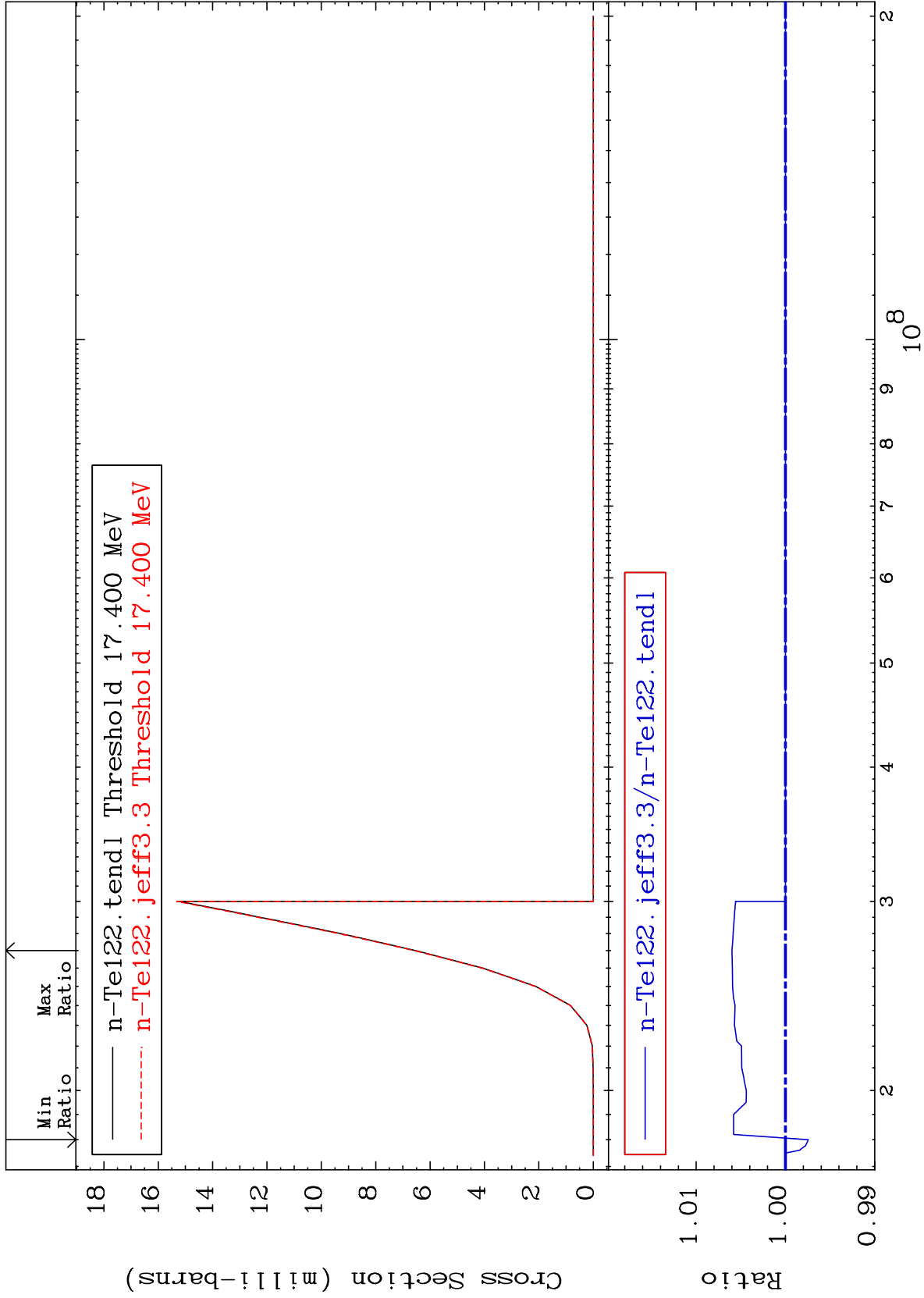
Radionuclide Production Cross Section

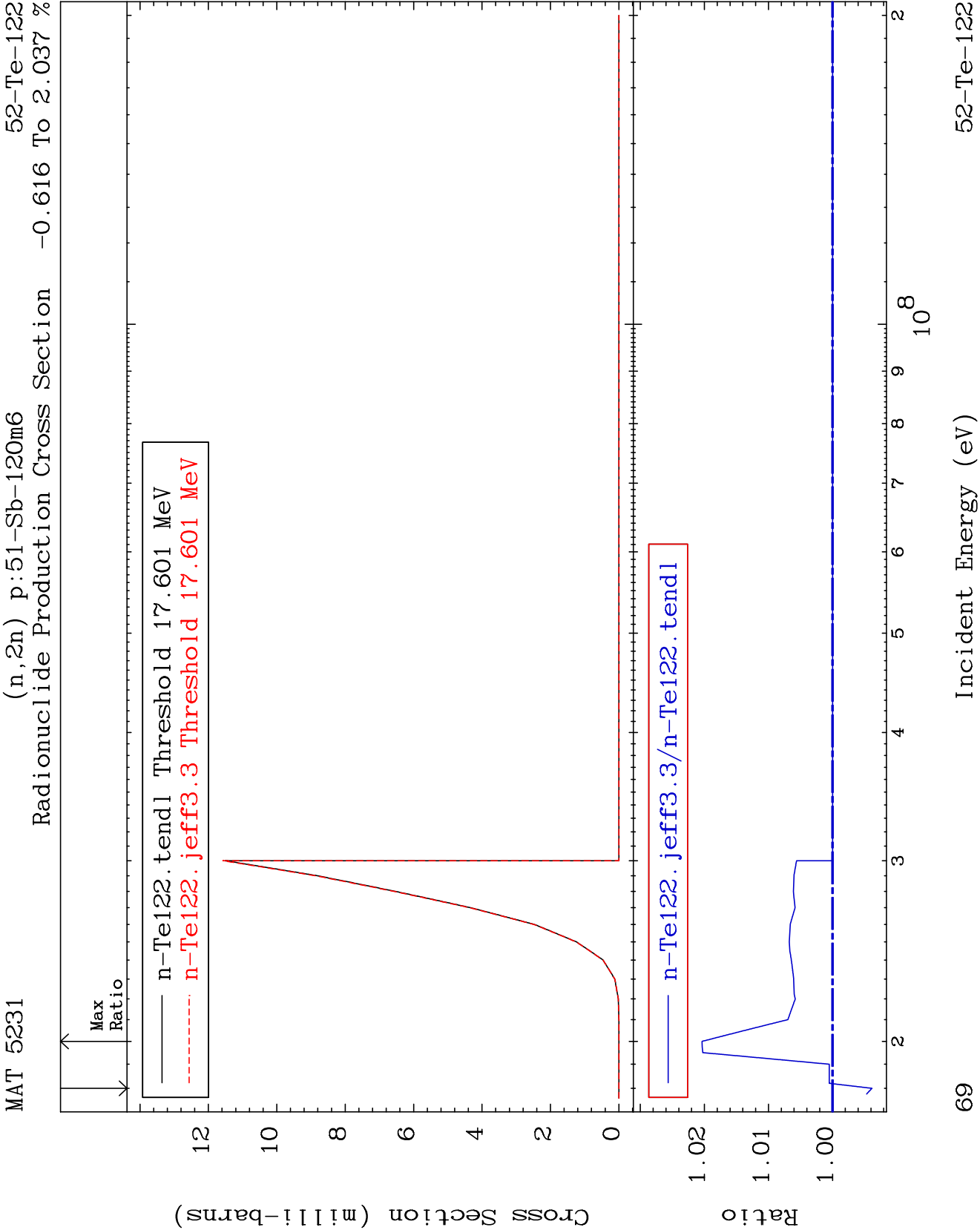
0.000

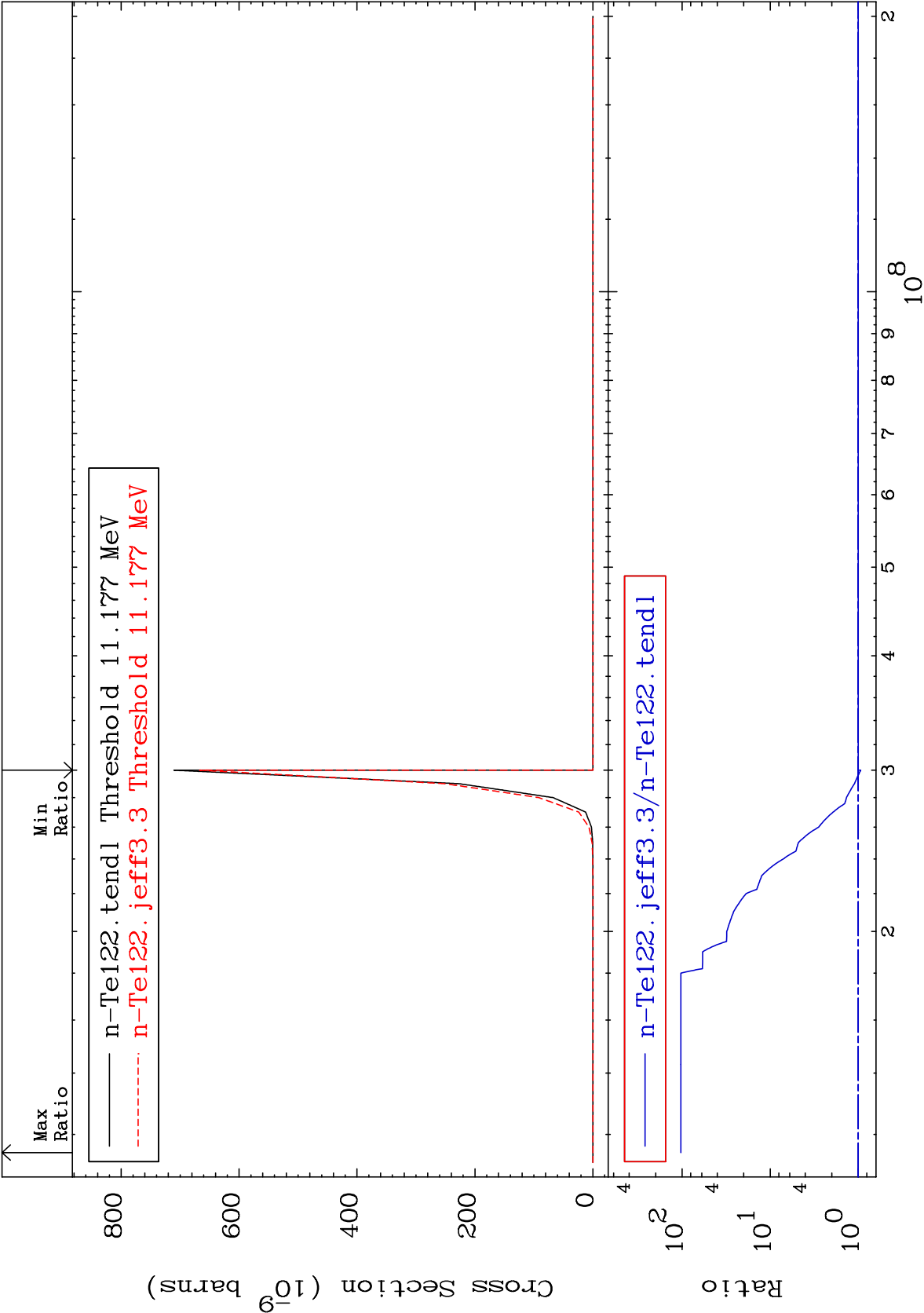
To 1.072 %

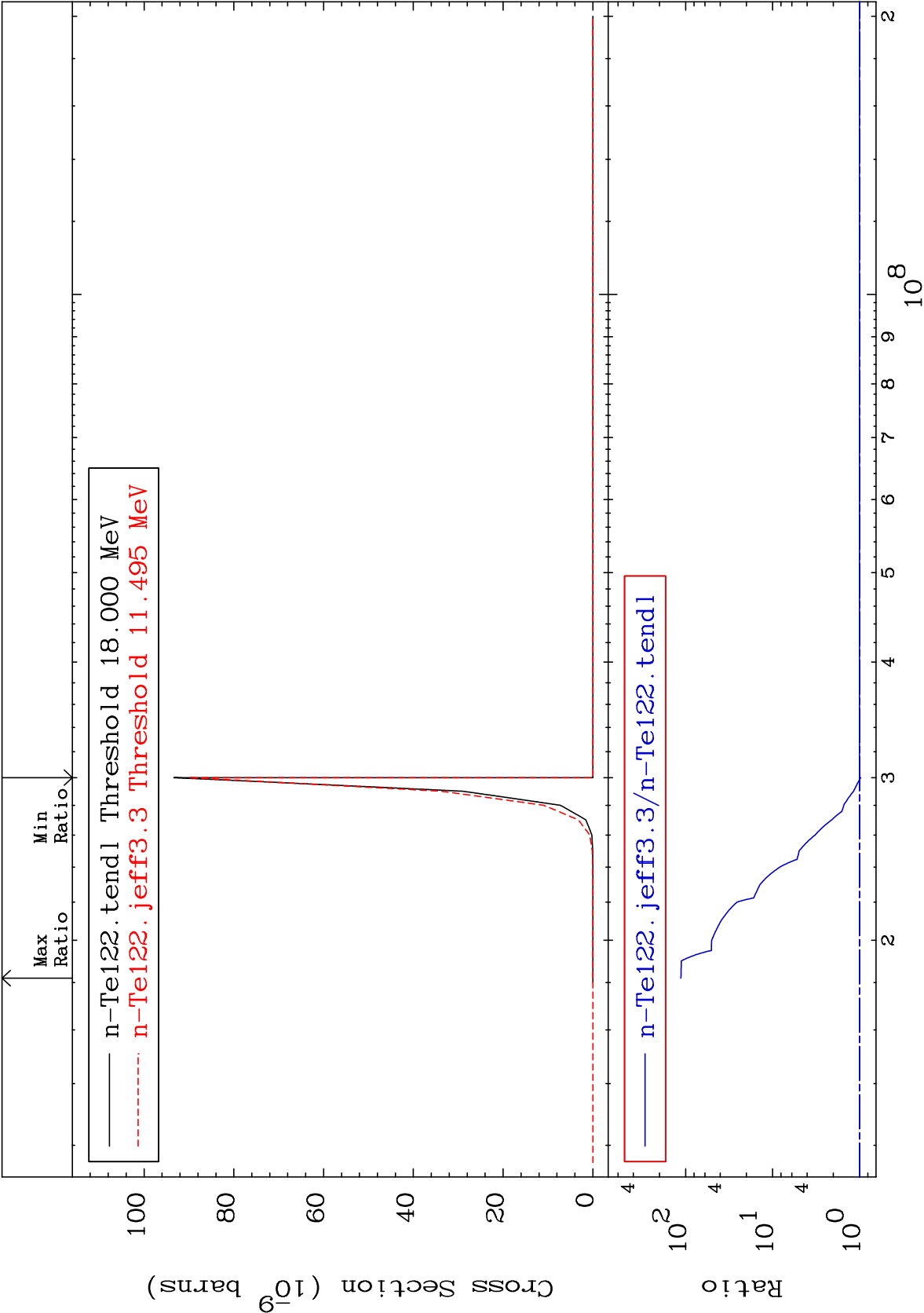












MAT 5231

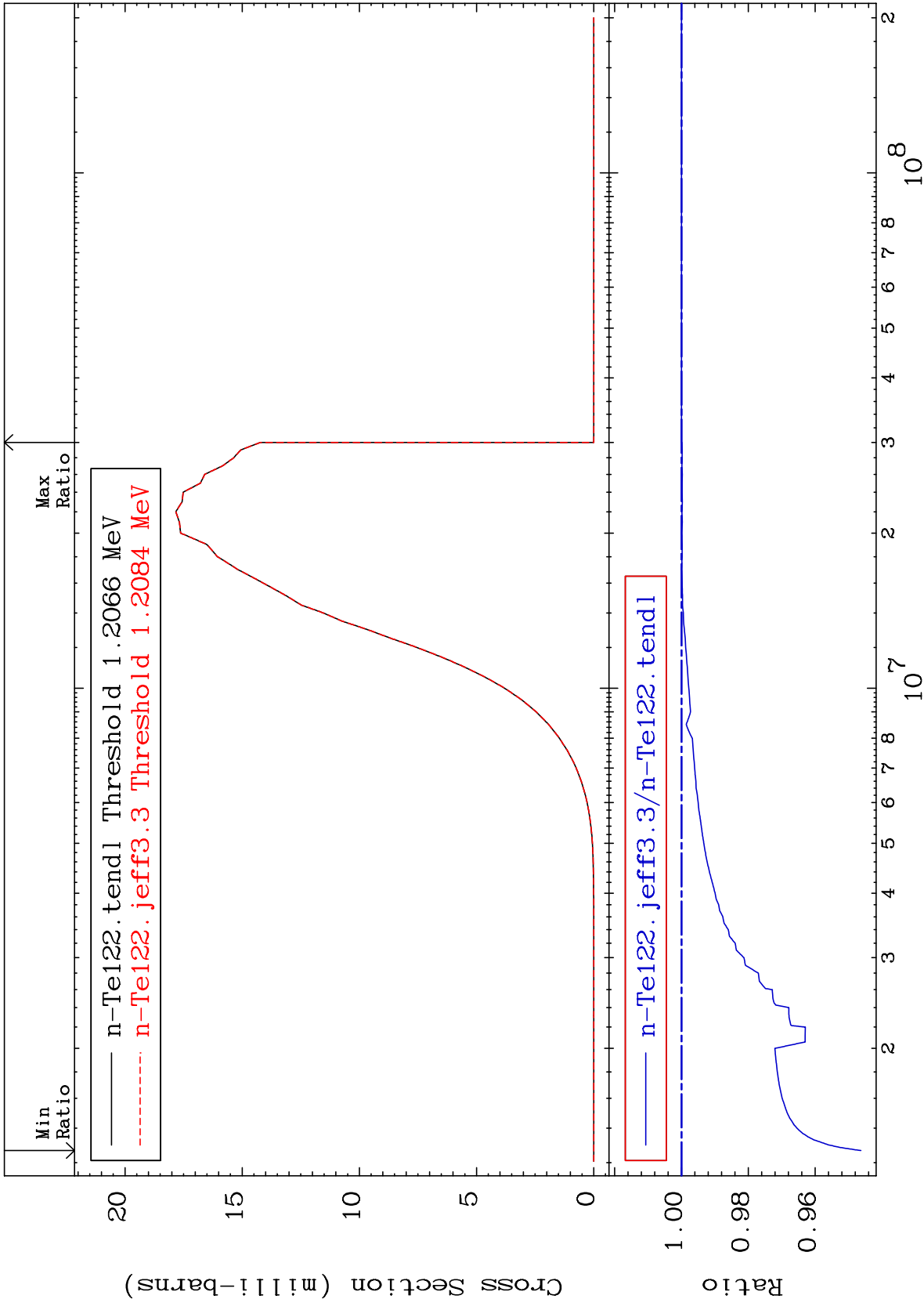
(n,p):51-Sb-122g

52-Te-122

Radionuclide Production Cross Section

-5.371

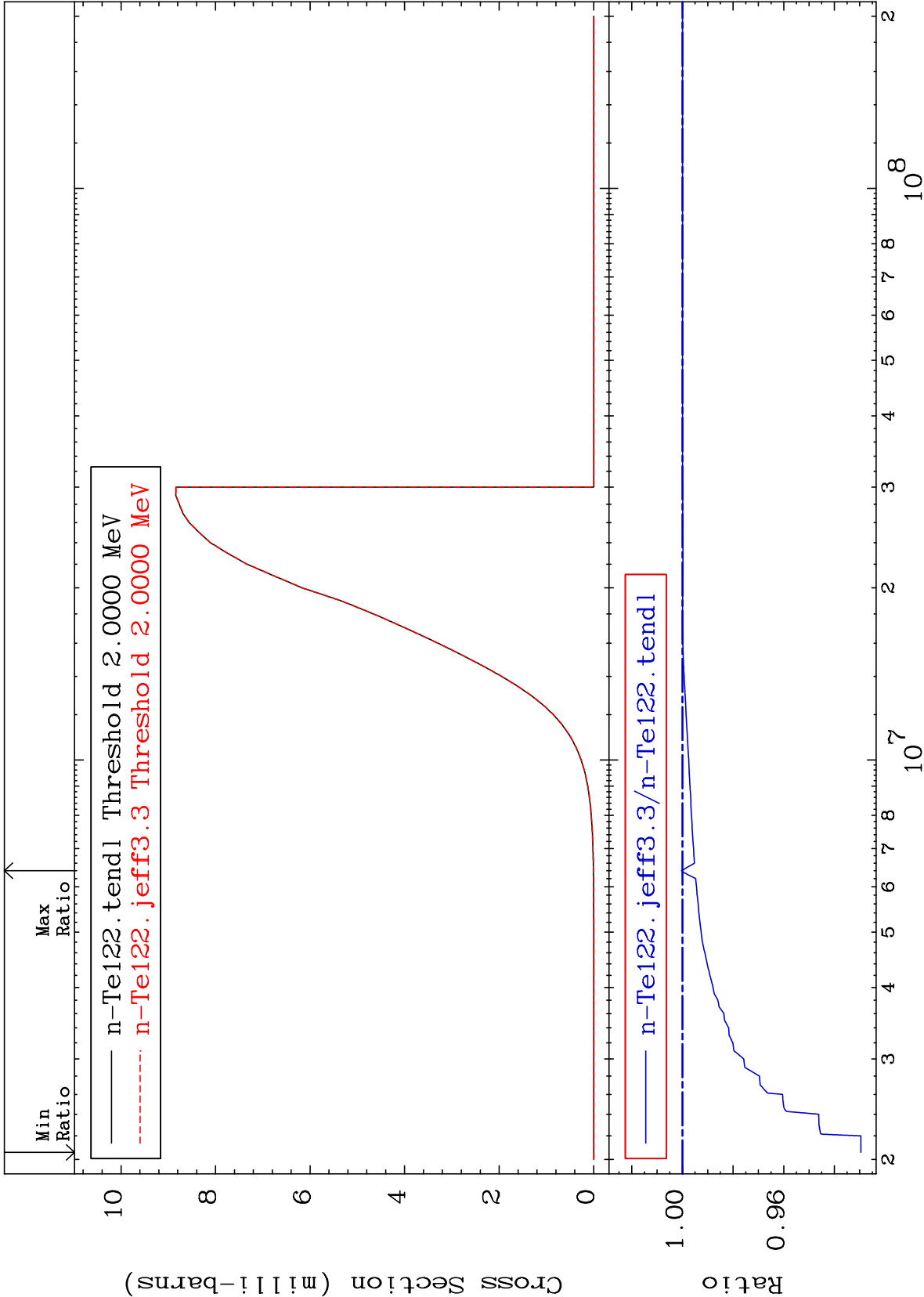
To 0.000 %



72

Incident Energy (eV)

52-Te-122



MAT 5231

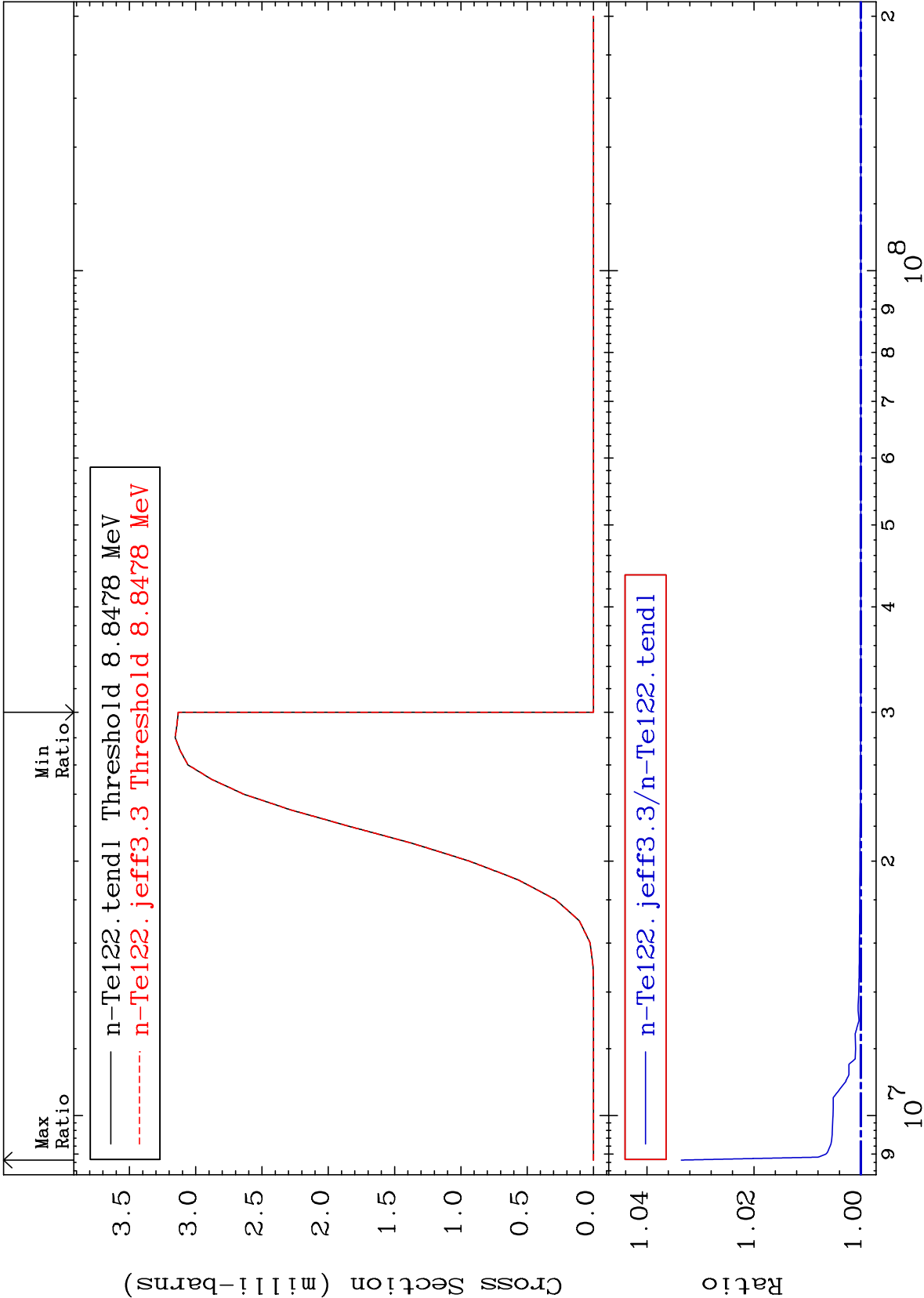
(n,t):51-Sb-120g

52-Te-122

Radionuclide Production Cross Section

0.000

To 3.358 %



74

Incident Energy (eV)

52-Te-122

MAT 5231

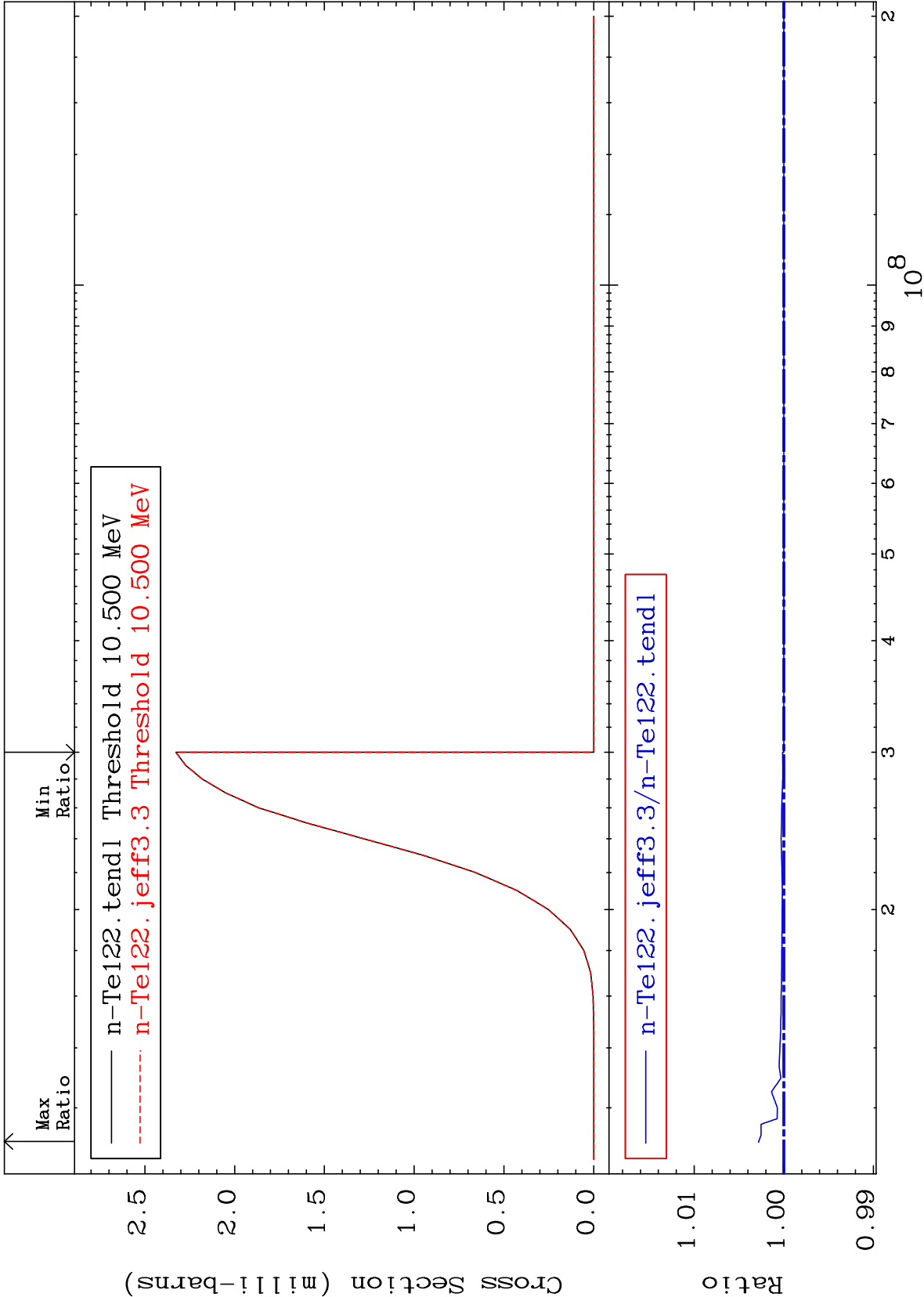
(n,t):51-Sb-120m6

52-Te-122

Radionuclide Production Cross Section

0.000

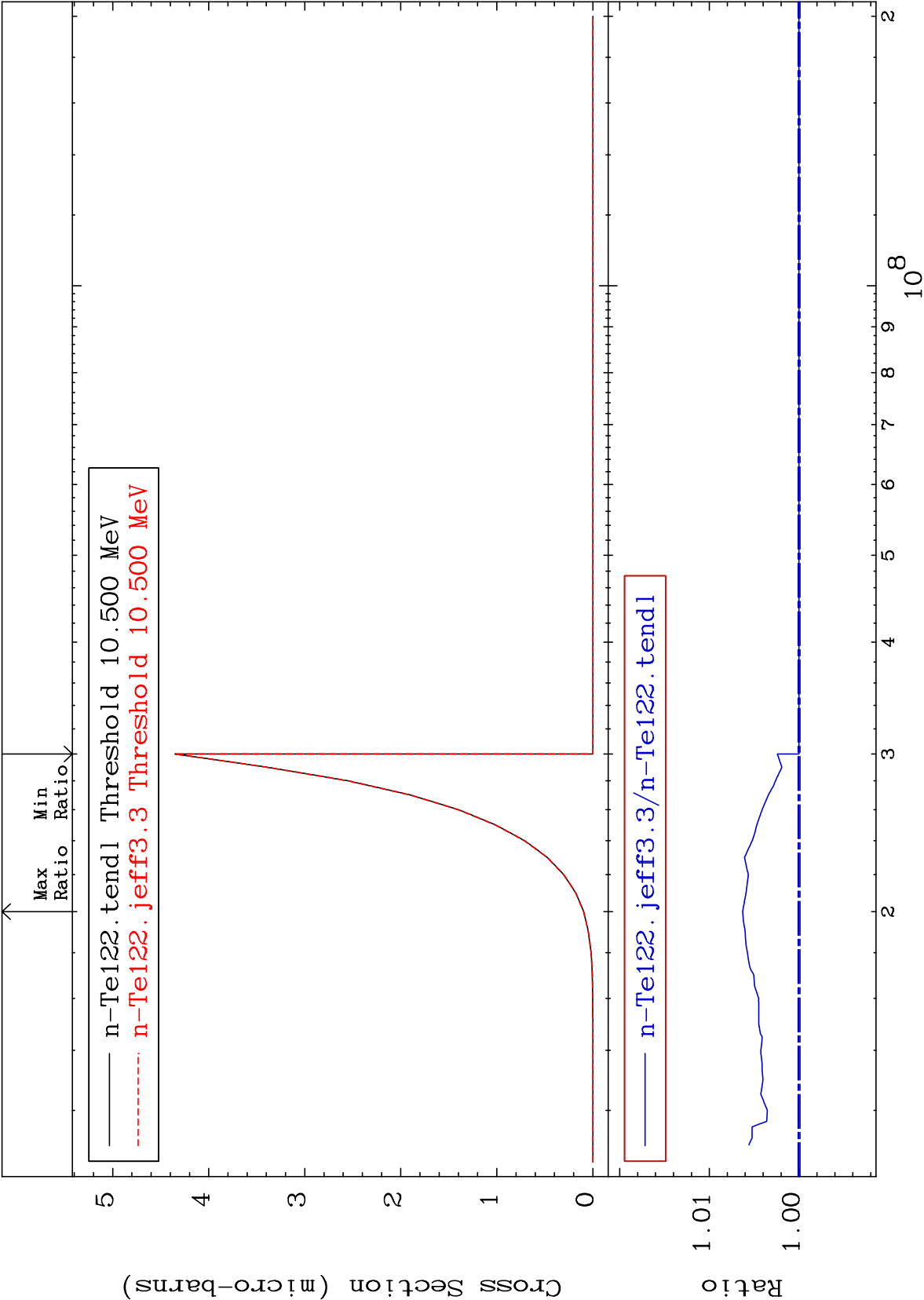
To 0.281 %

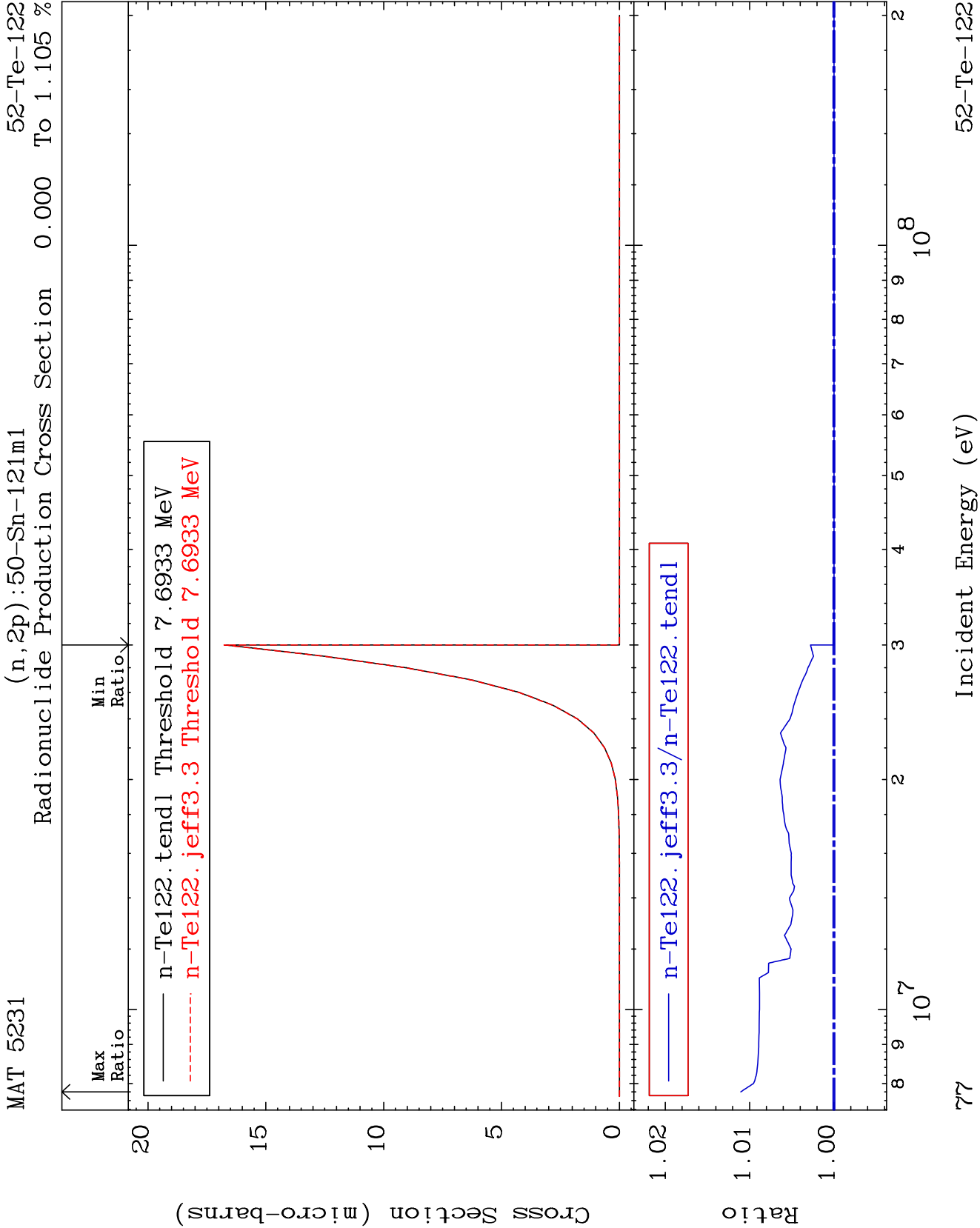


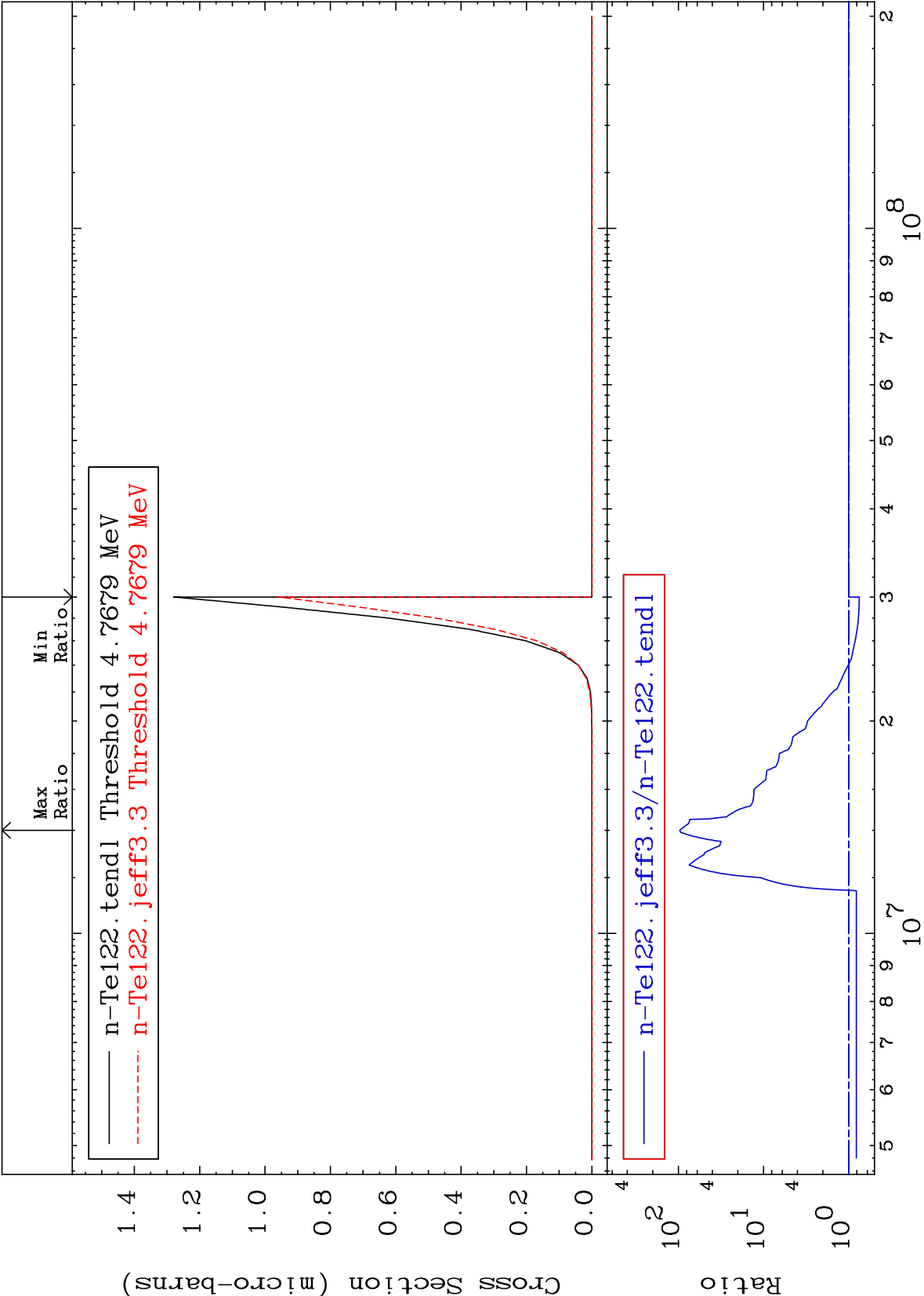
75

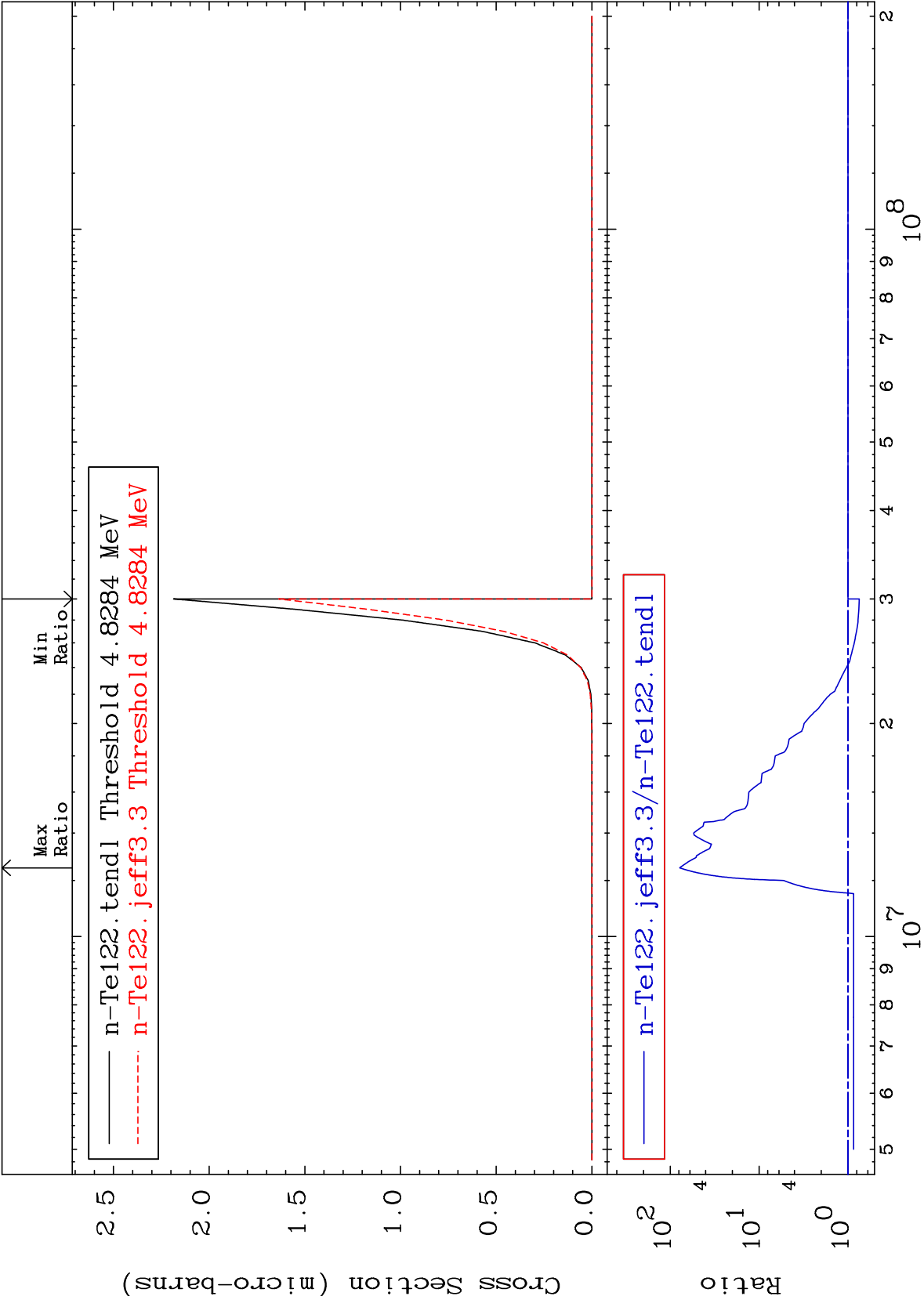
Incident Energy (eV)

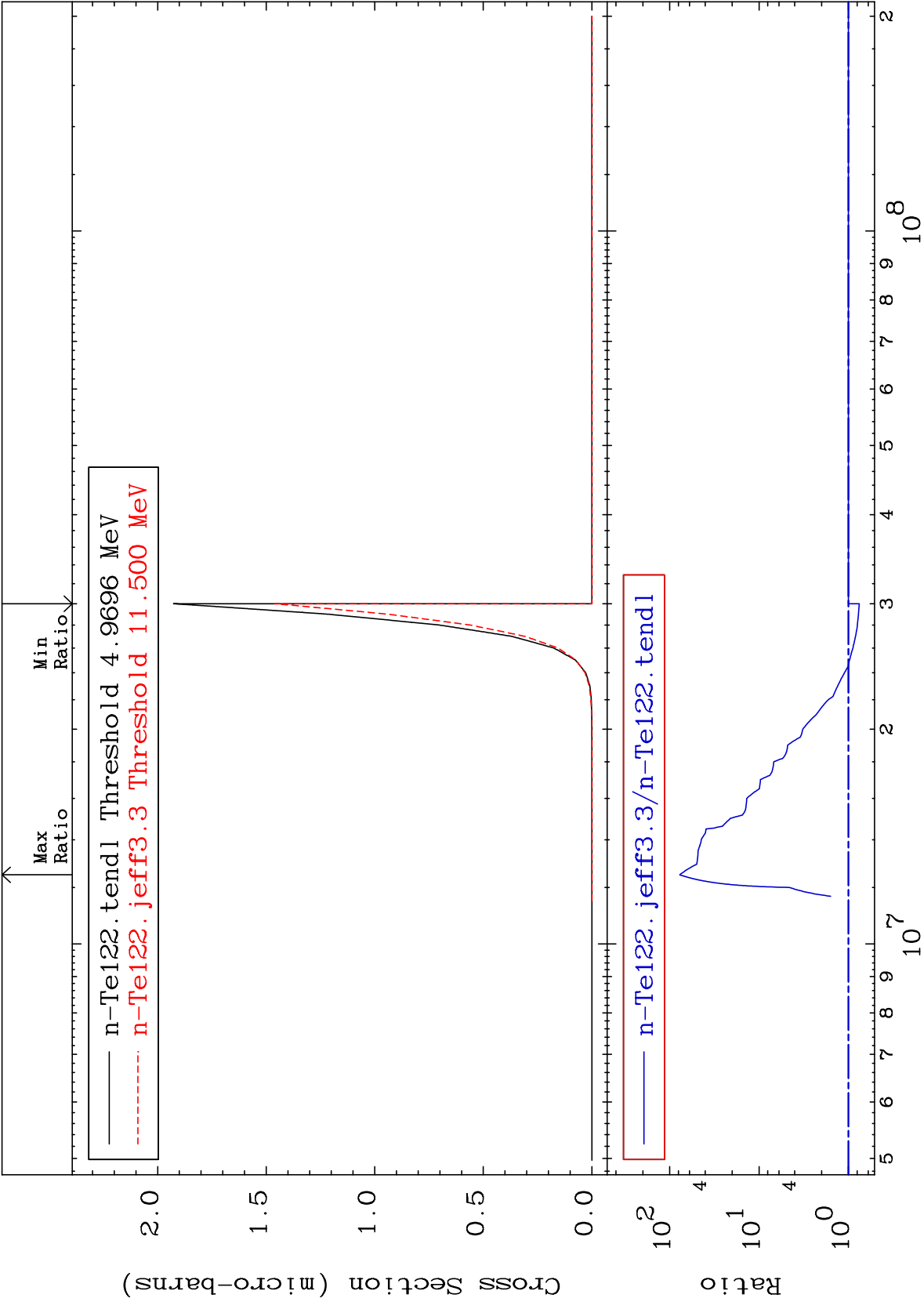
52-Te-122





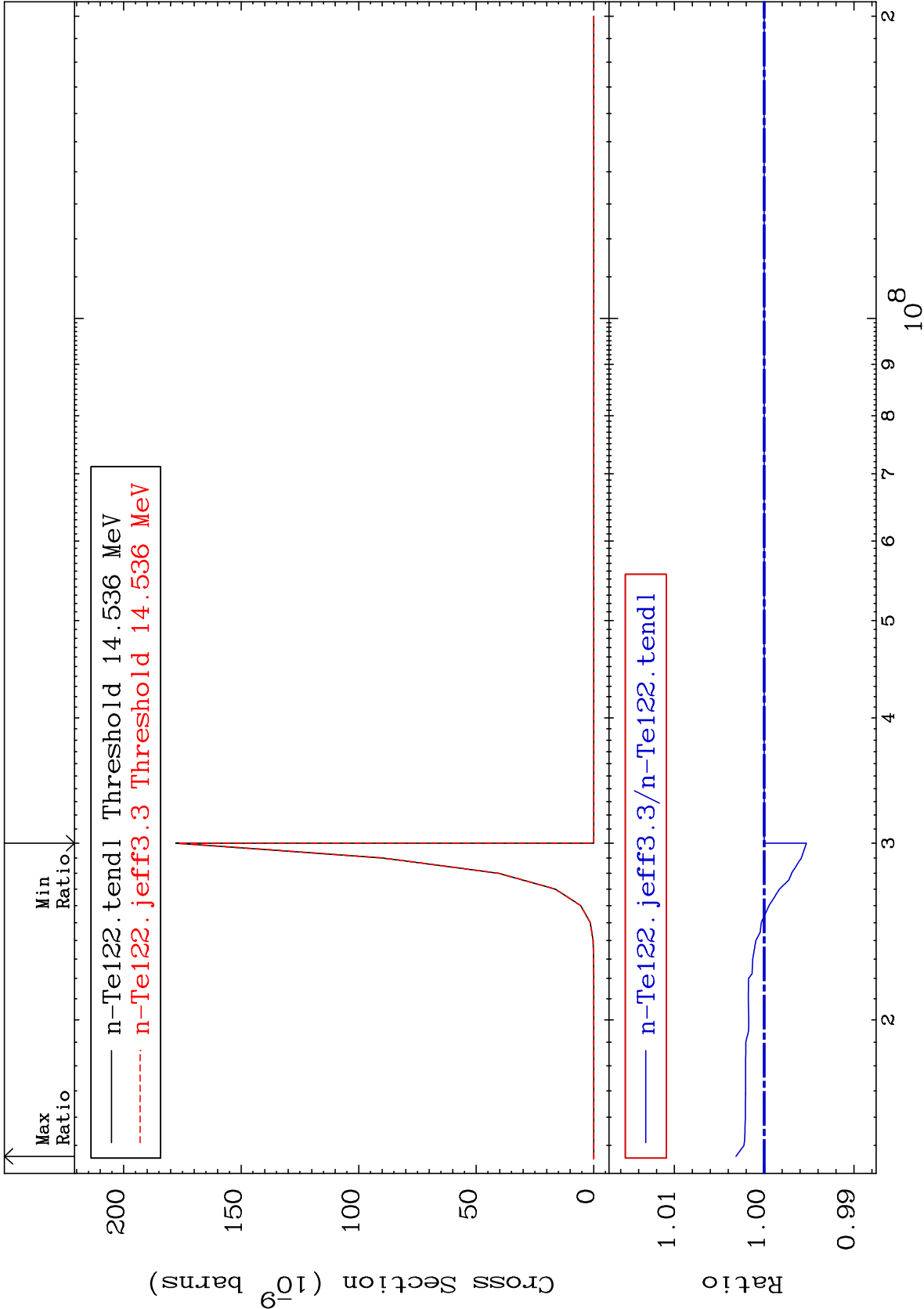




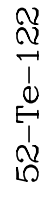


Radionuclide Production Cross Section

-0.471 To 0.315 %



52-Te-122
To 0.718 %



MAT 5231

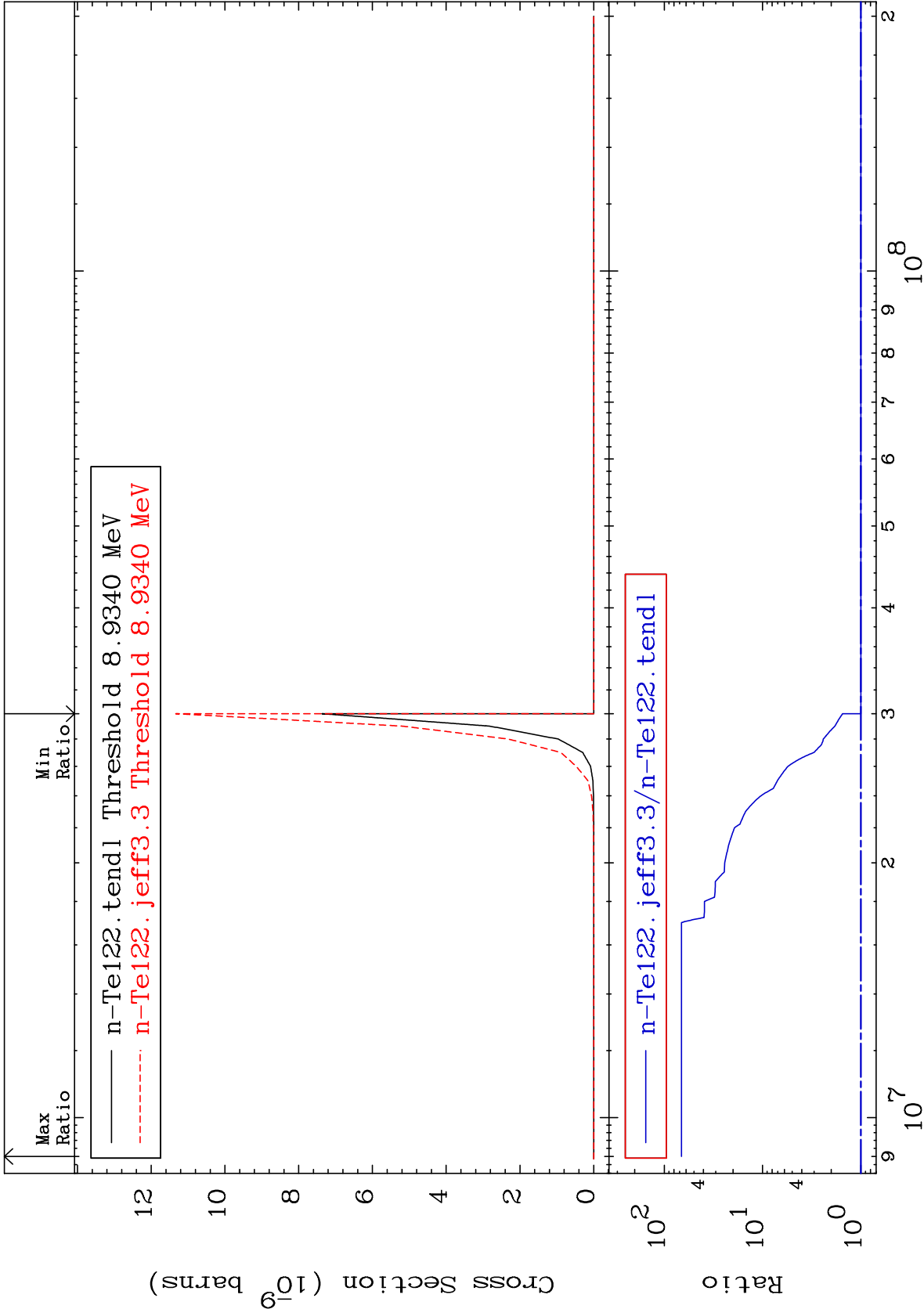
(n,d) α :49-In-117g

52-Te-122

Radionuclide Production Cross Section

0.000

To 6587. %



Radionuclide Production Cross Section 0.000 To 6419. %

