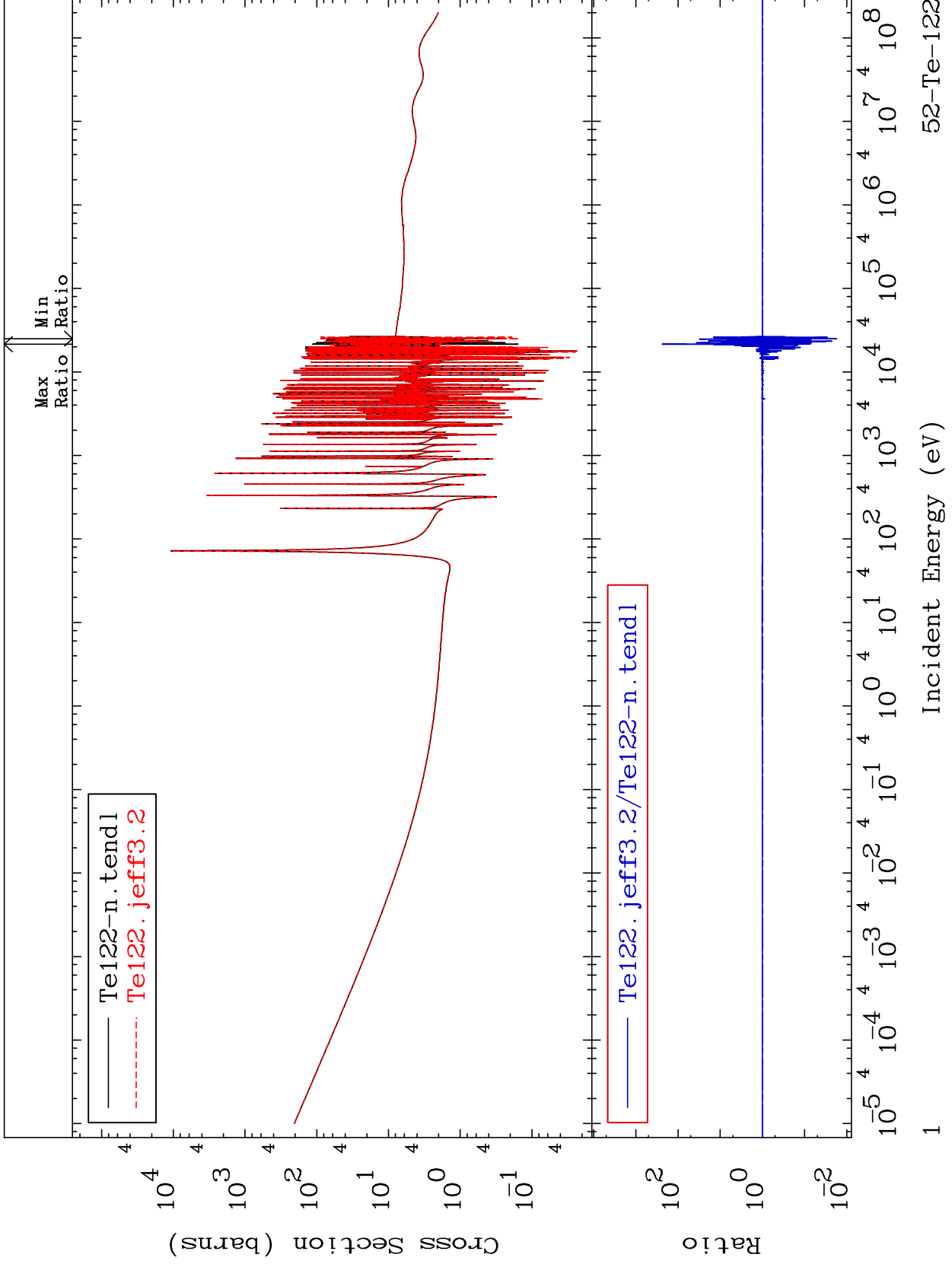


MAT 5231

Total
Cross Section

52-Te-122
-98.26 To 9999. %



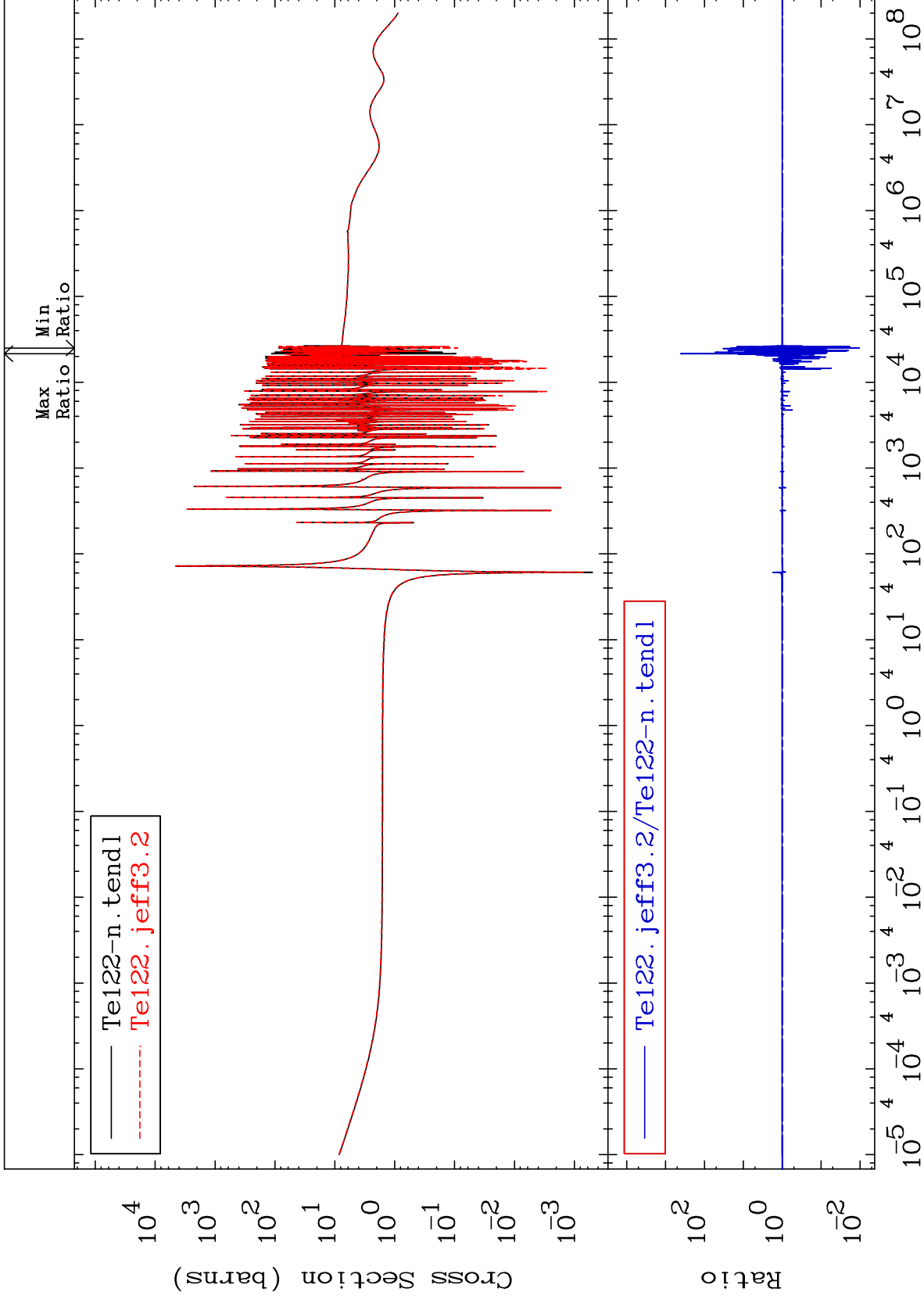
Incident Energy (eV)

52-Te-122

MAT 5231

Elastic
Cross Section

52-Te-122
-98.97 To 9999. %



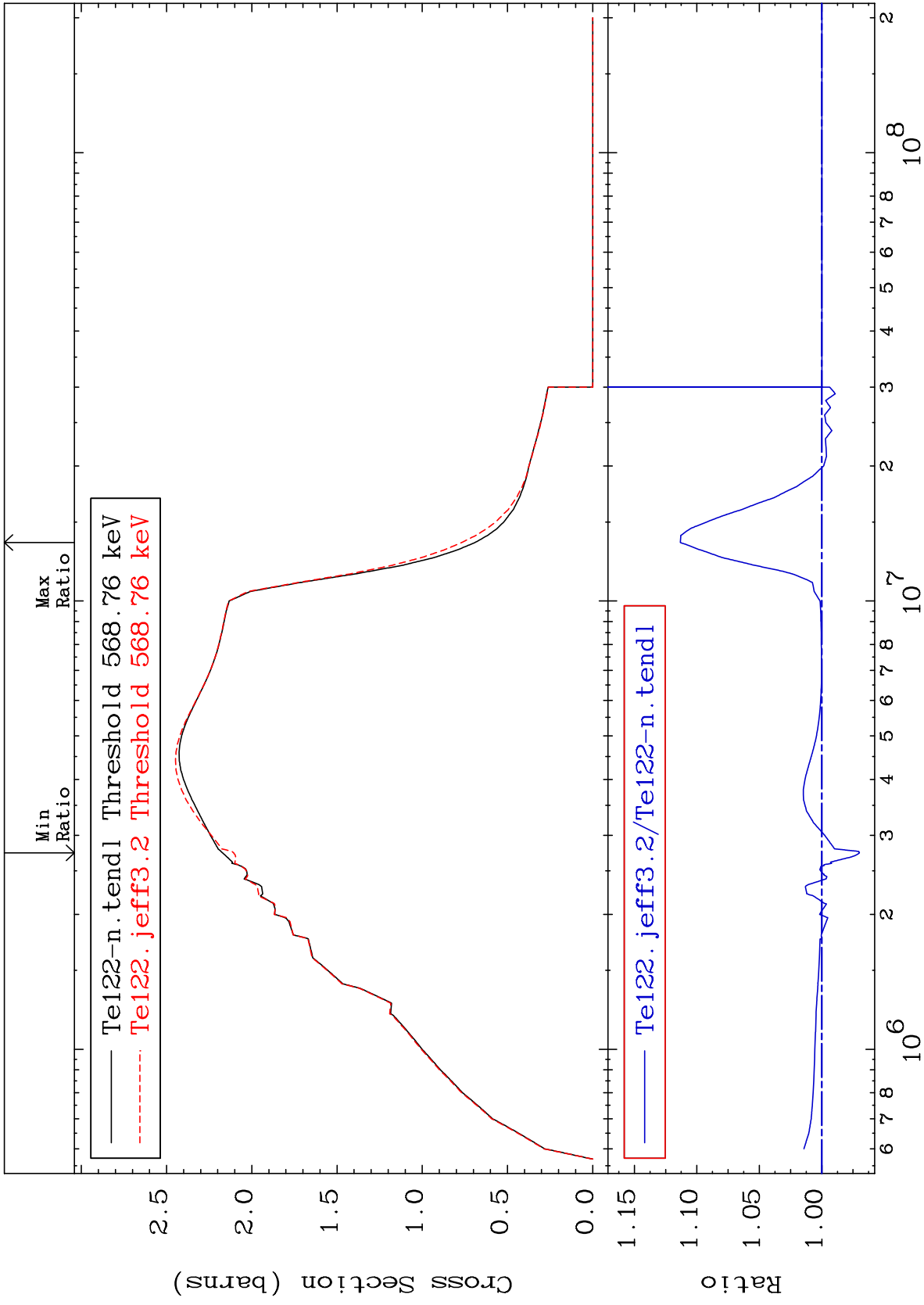
Incident Energy (eV)

52-Te-122

2

MAT 5231

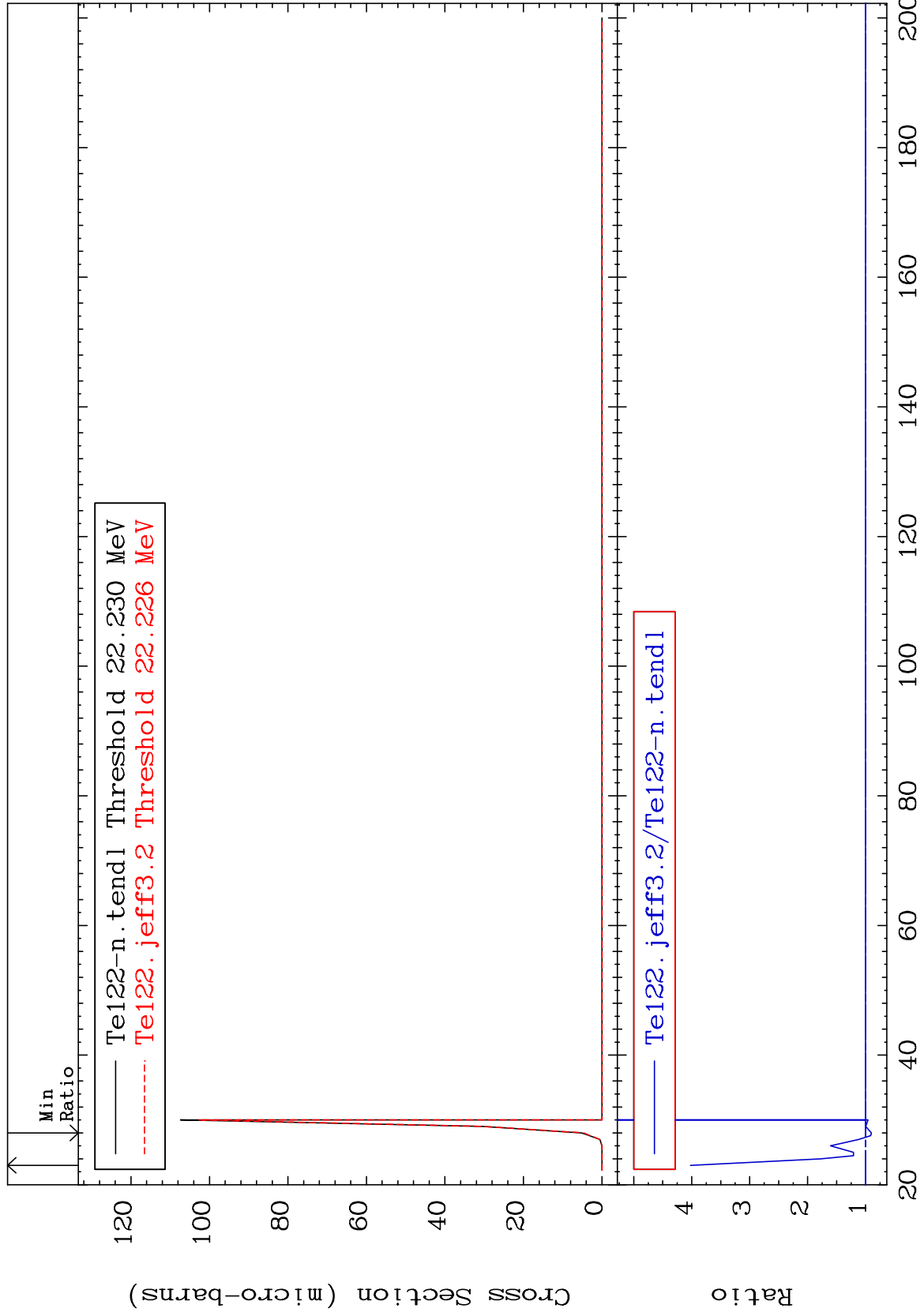
Inelastic Cross Section
52-Te-122
-3.010 To 11.32 %



MAT 5231

(n,2n) d
Cross Section

52-Te-122
-10.01 To 302.1 %



Incident Energy (MeV)

52-Te-122

4

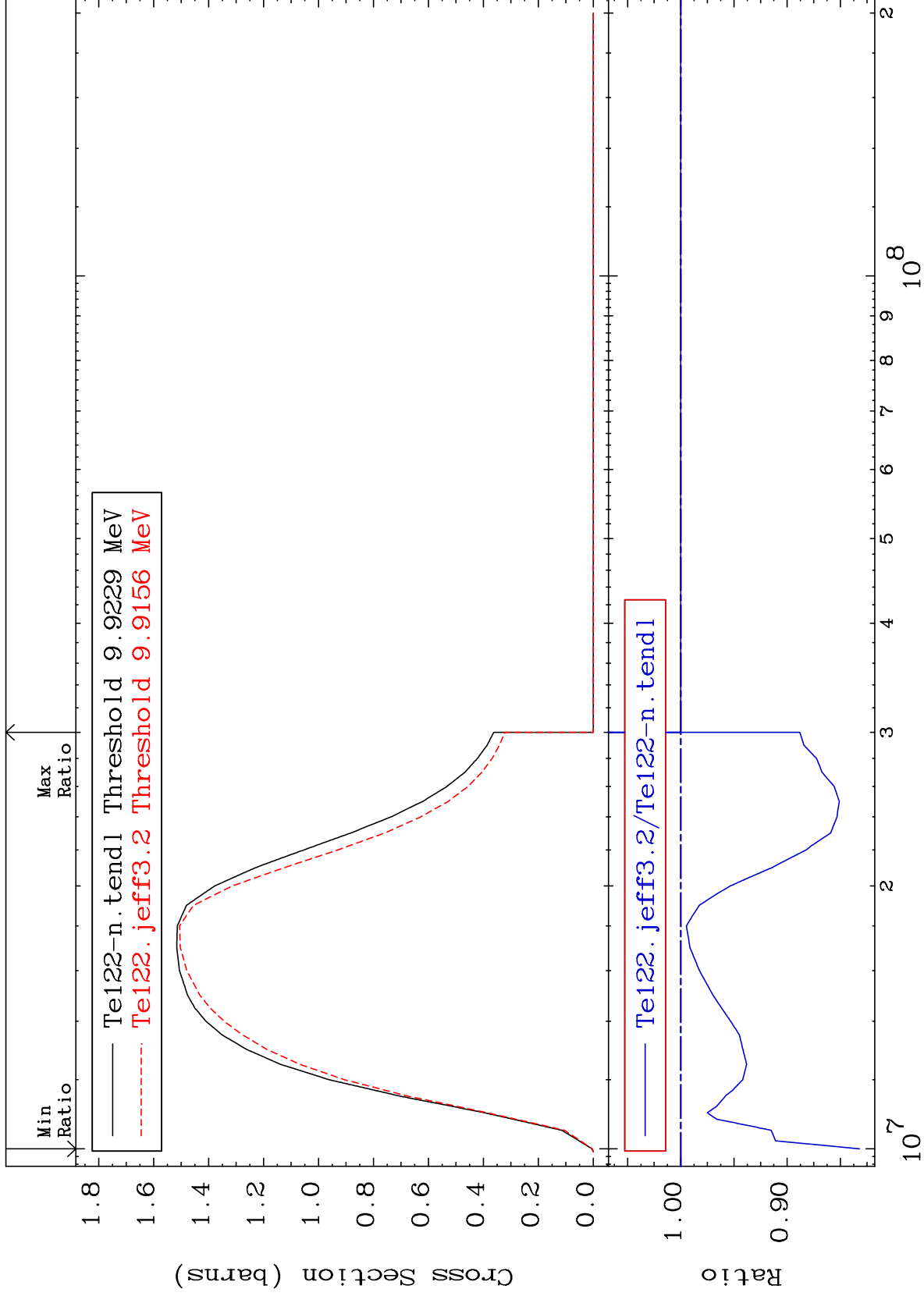
MAT 5231

(n,2n)

52-Te-122

Cross Section

-16.80 To 0.000 %



52-Te-122

52-Te-122

MAT 5231

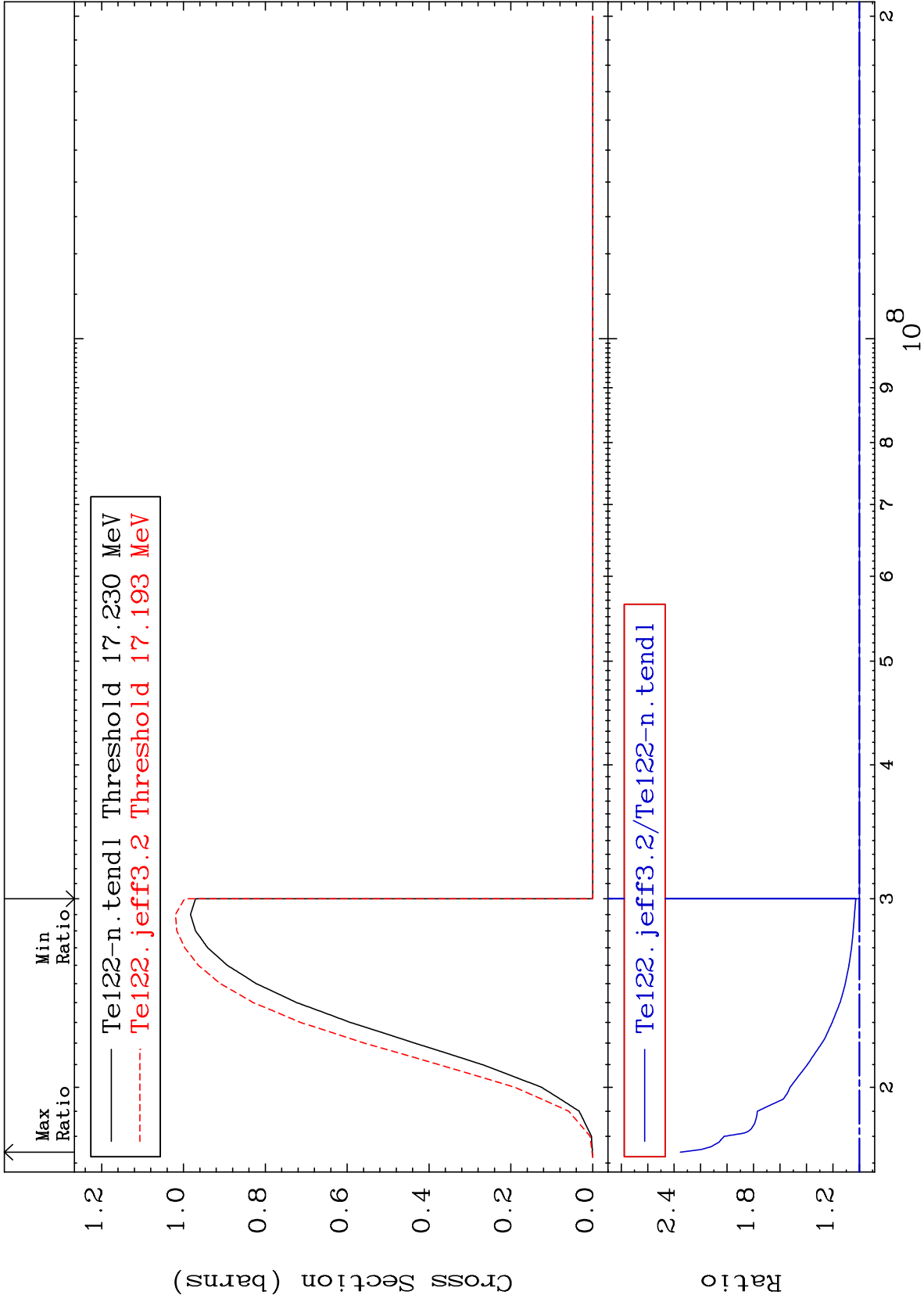
(n,3n)

52-Te-122

Cross Section

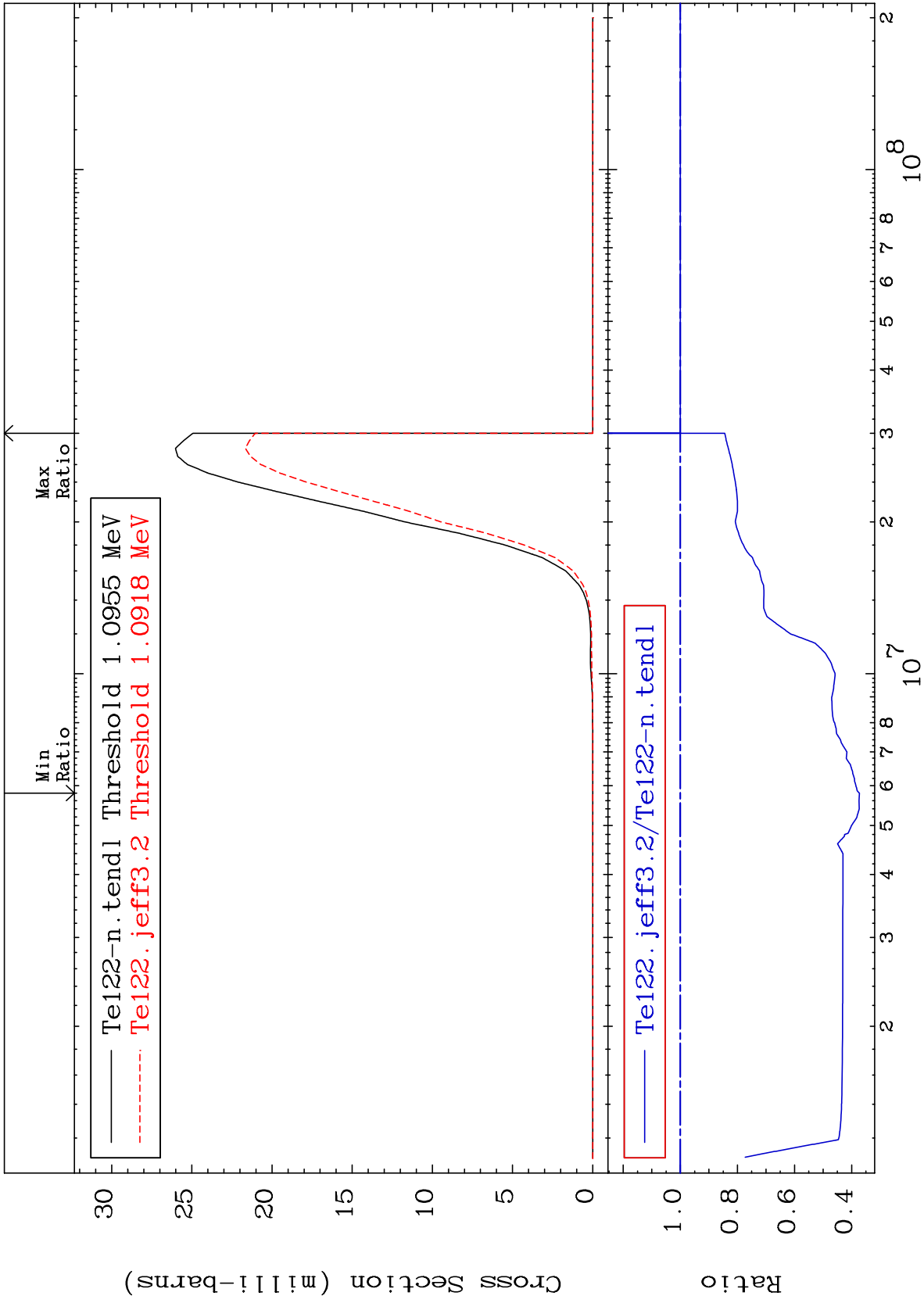
0.000

To 135.3 %



MAT 5231

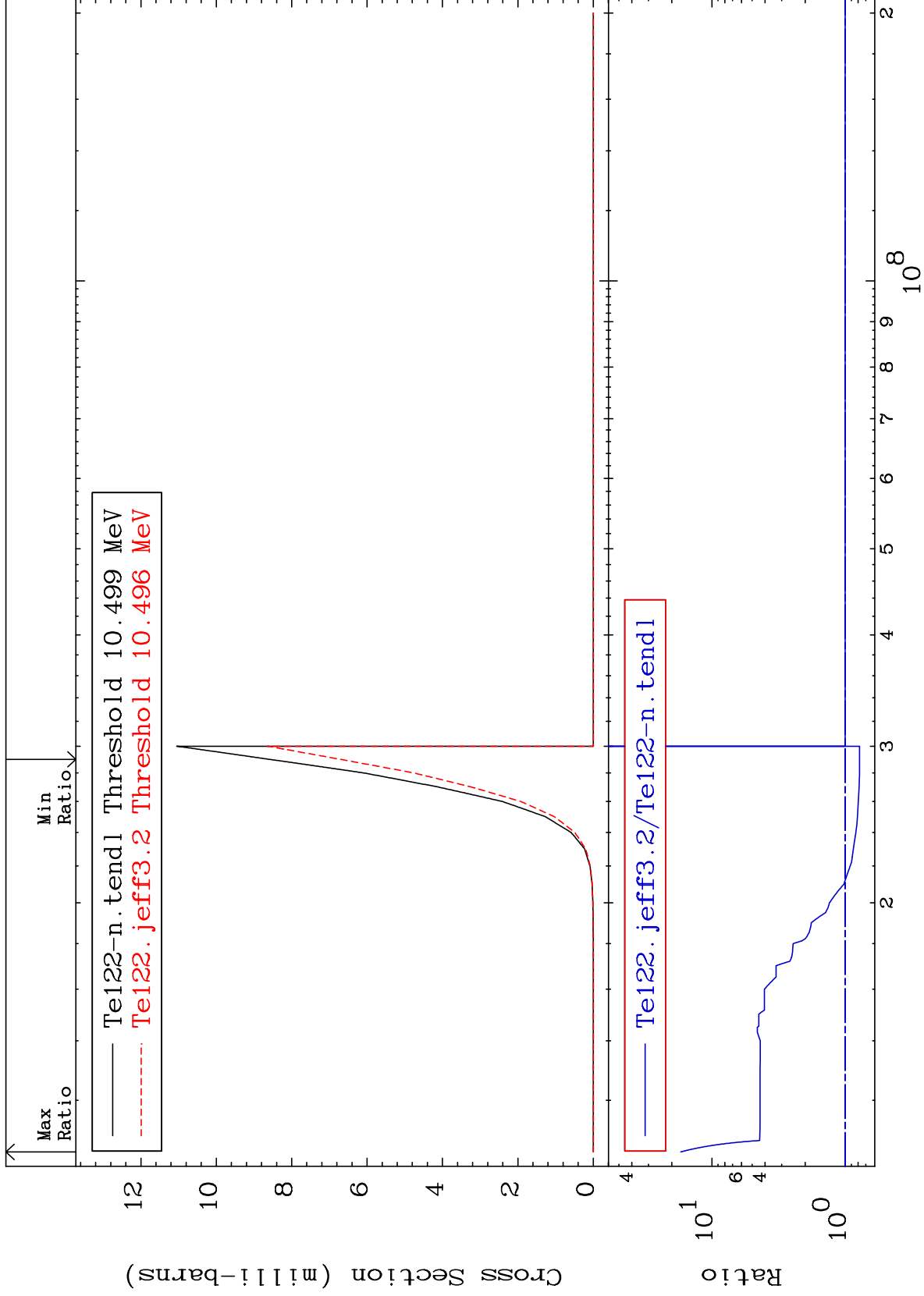
$(n, n') \alpha$
Cross Section
52-Te-122
-62.73 To 0.000 %



MAT 5231

(n,2n) α
Cross Section

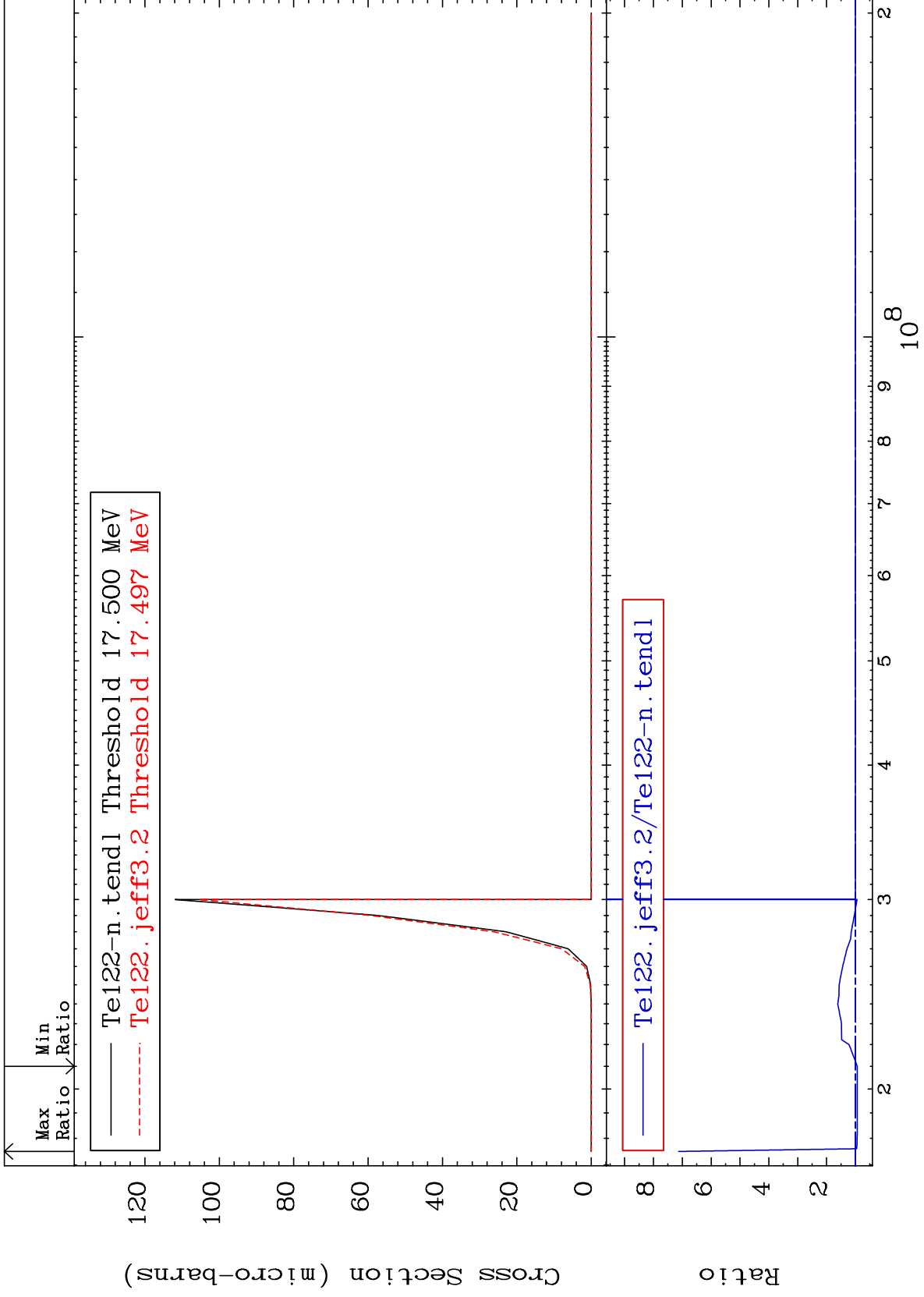
52-Te-122
-21.89 To 1614. %



MAT 5231

(n,3n) α
Cross Section

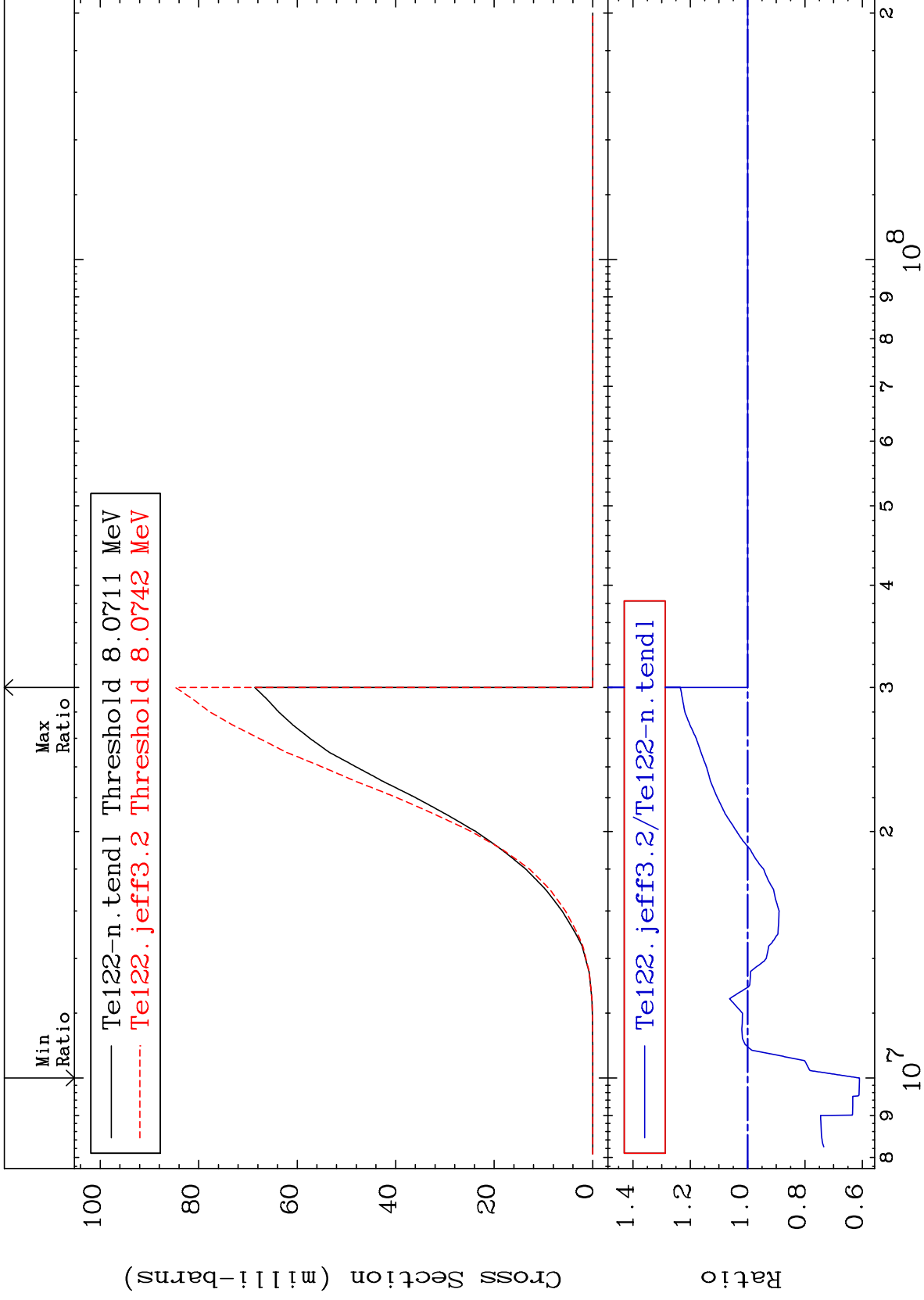
52-Te-122
-6.545 To 612.7 %



MAT 5231

(n,n') p
Cross Section

52-Te-122
-39.00 To 23.47 %



10

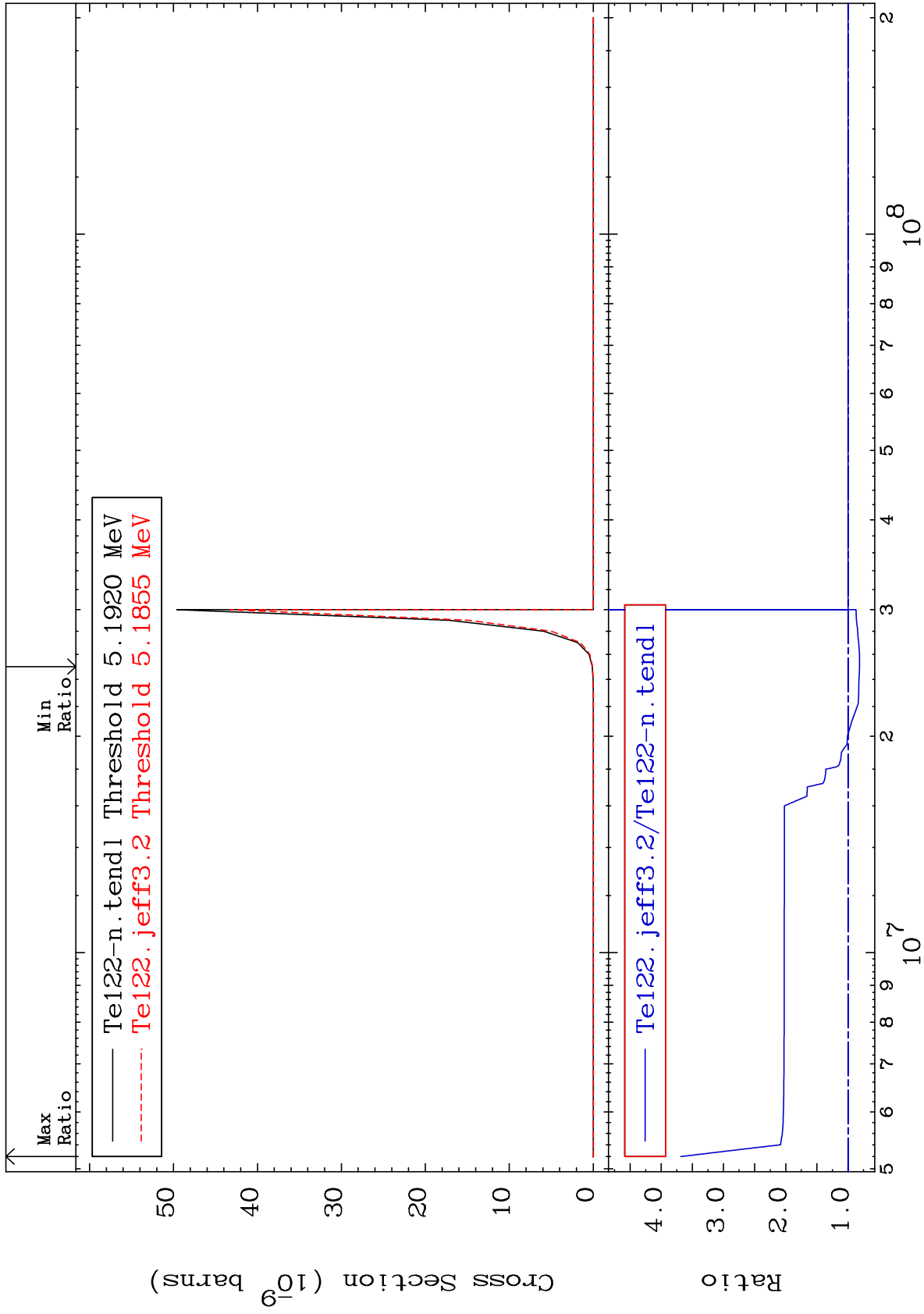
Incident Energy (eV)

52-Te-122

MAT 5231

(n, n') 2α
Cross Section

52-Te-122
-18.55 To 268.6 %



11

Incident Energy (eV)

52-Te-122

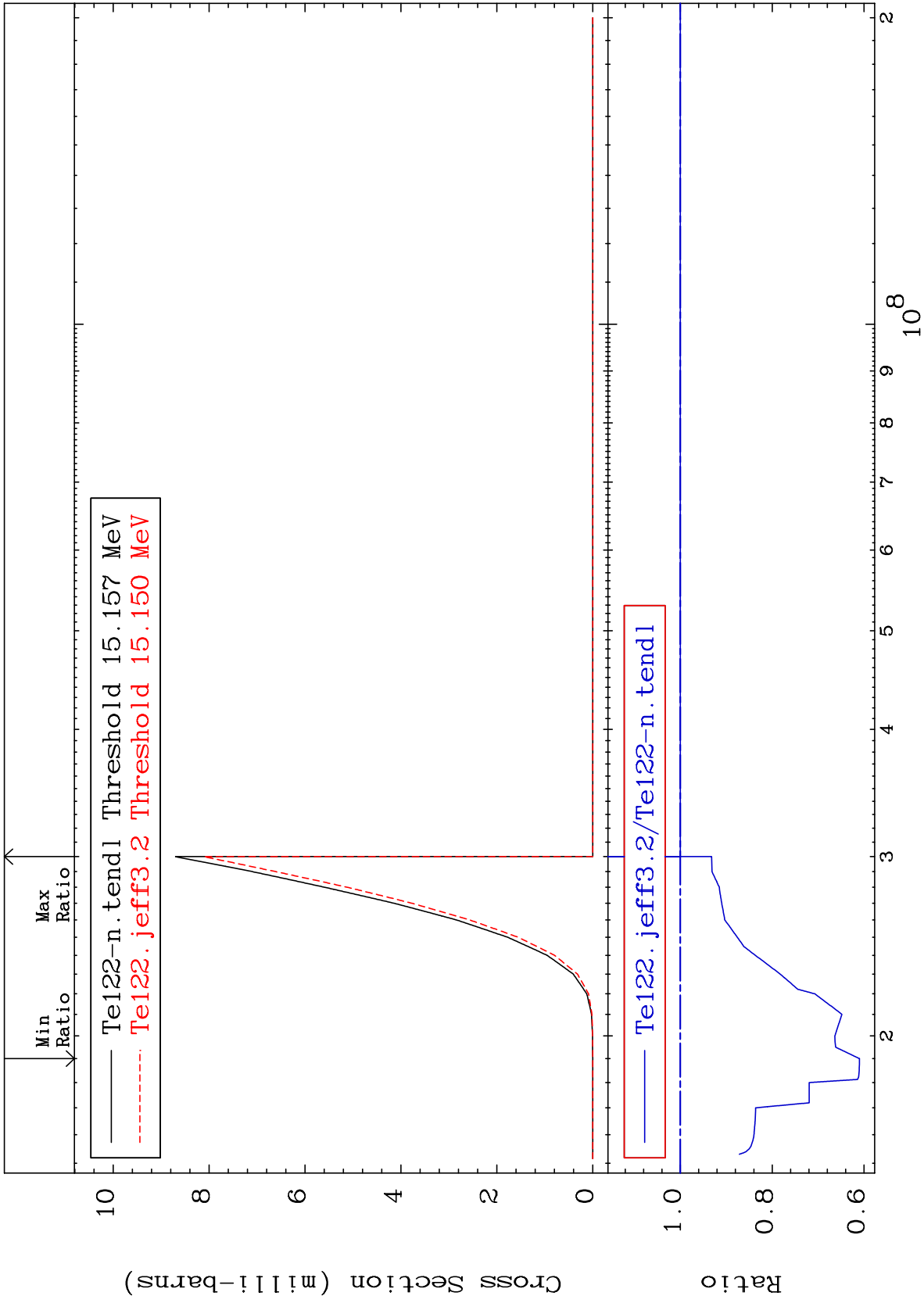
MAT 5231

(n, n') d

52-Te-122

Cross Section

-39.00 To 0.000 %



12

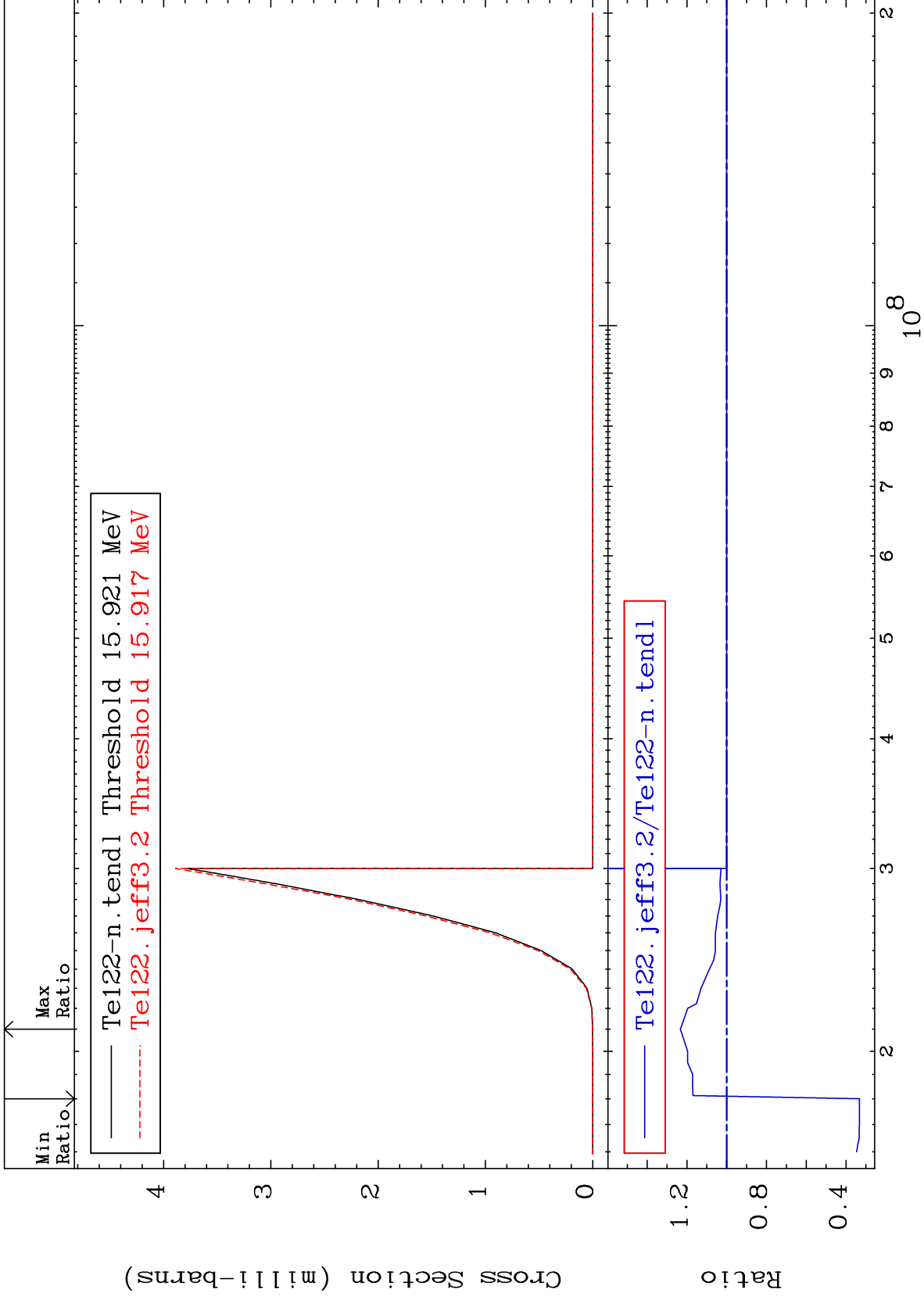
Incident Energy (eV)

52-Te-122

MAT 5231

(n, n') t
Cross Section

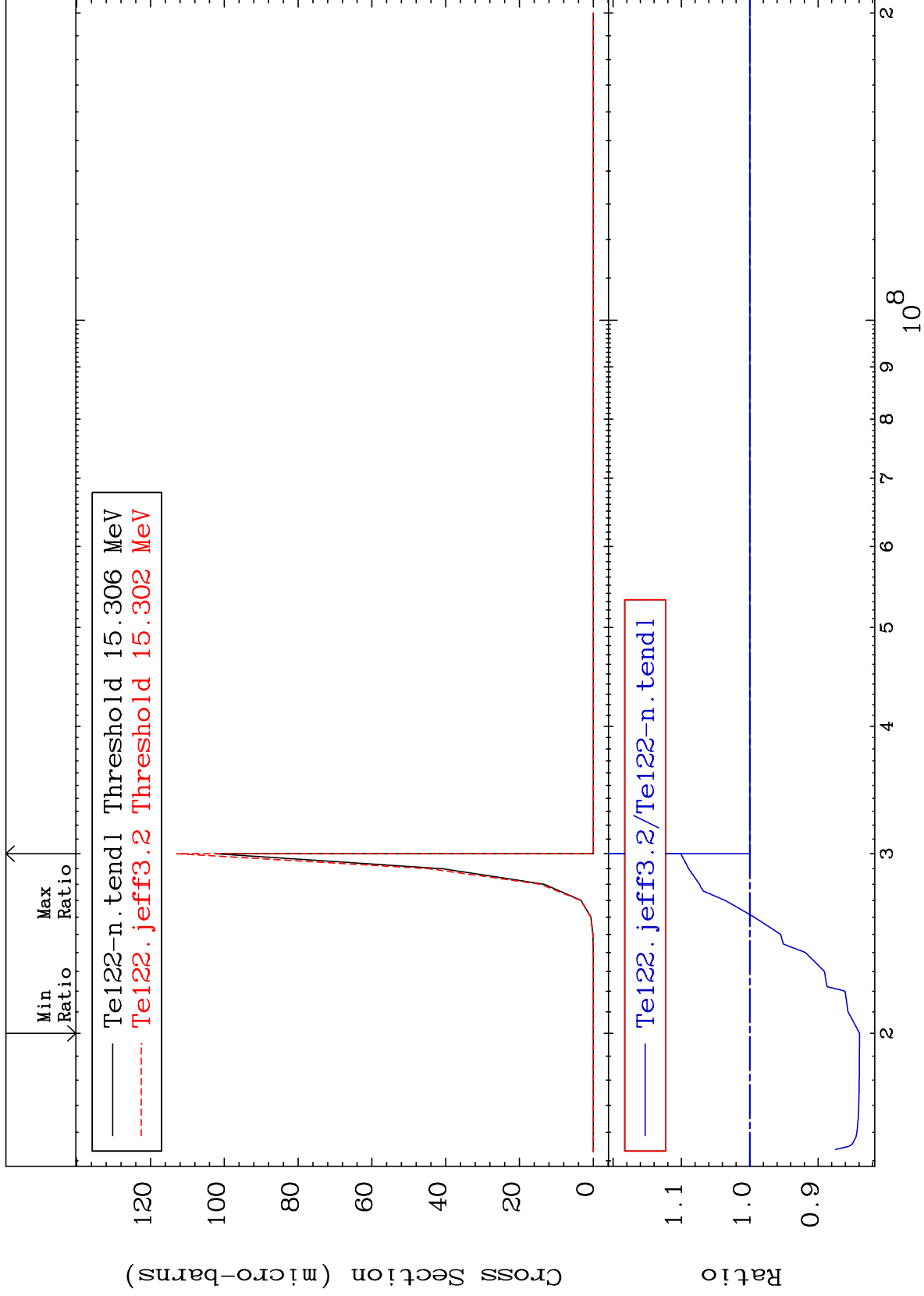
52-Te-122
-66.75 To 23.30 %



MAT 5231

(n, n') He-3
Cross Section

52-Te-122
-16.07 To 10.10 %



MAT 5231

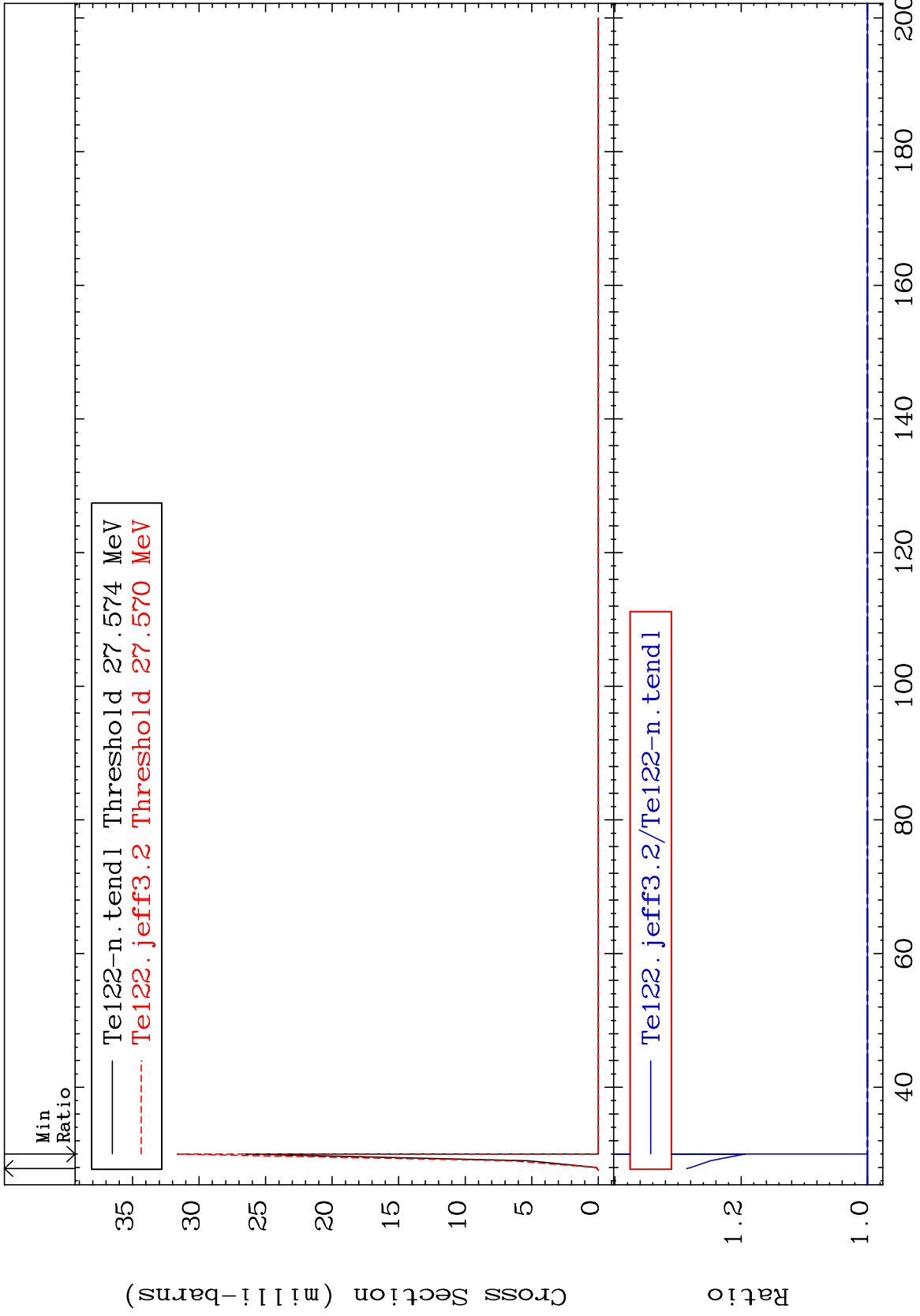
(n,4n)

52-Te-122

Cross Section

0.000

To 28.62 %



15

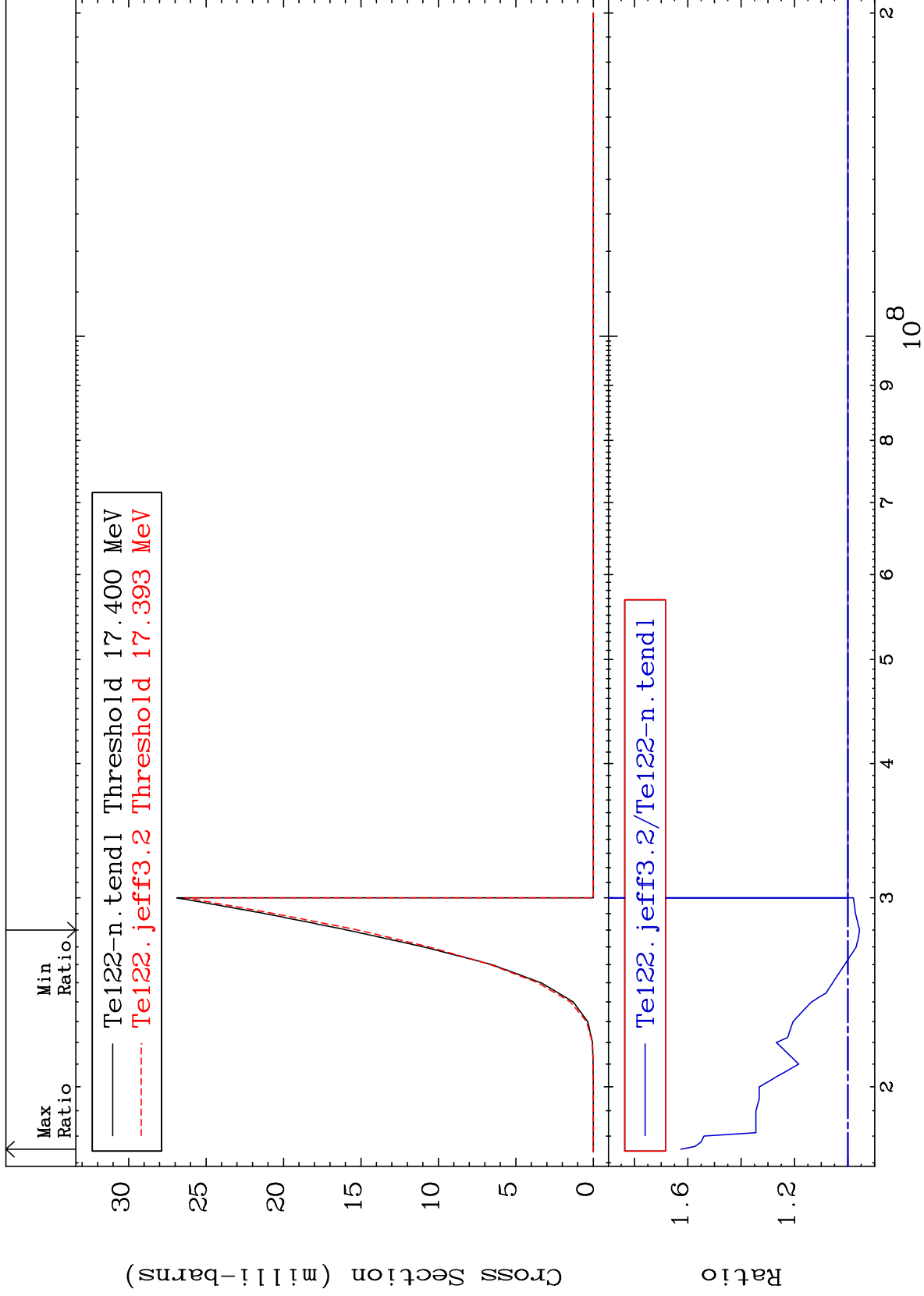
Incident Energy (MeV)

52-Te-122

MAT 5231

(n,2n) p
Cross Section

52-Te-122
-4.371 To 62.65 %



16

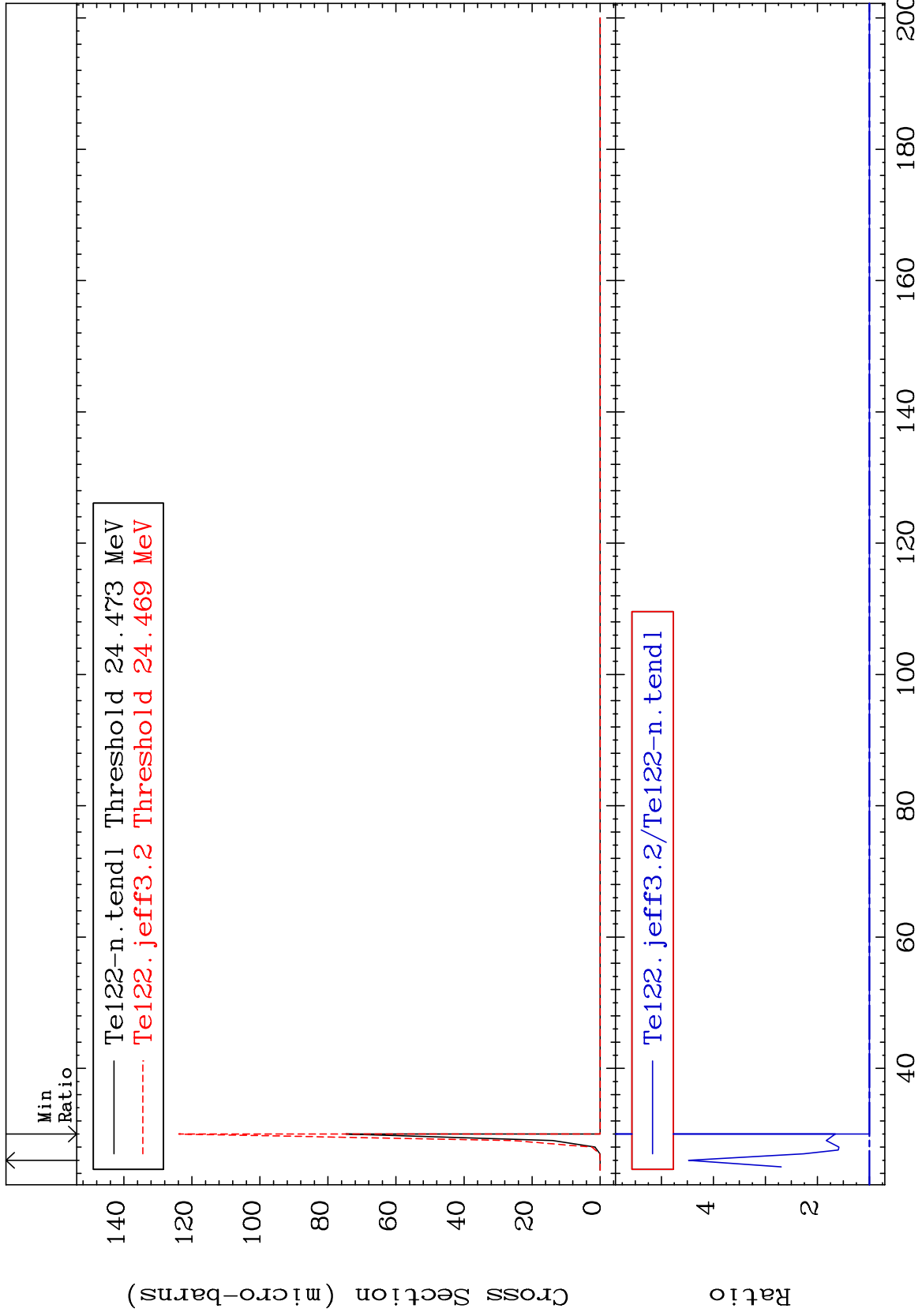
52-Te-122

52-Te-122

MAT 5231

(n,3n) p
Cross Section

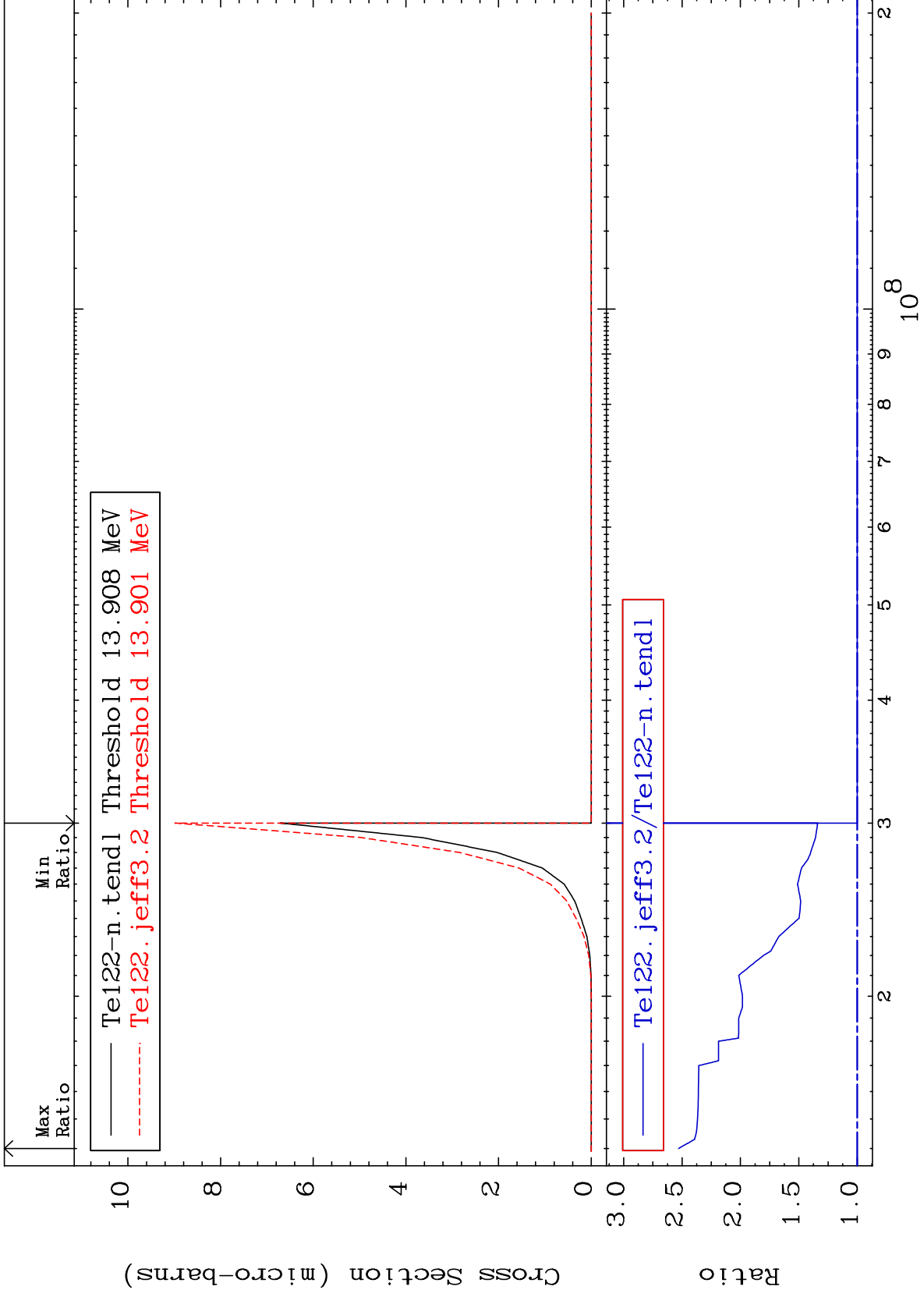
52-Te-122
To 347.5 %
0.000

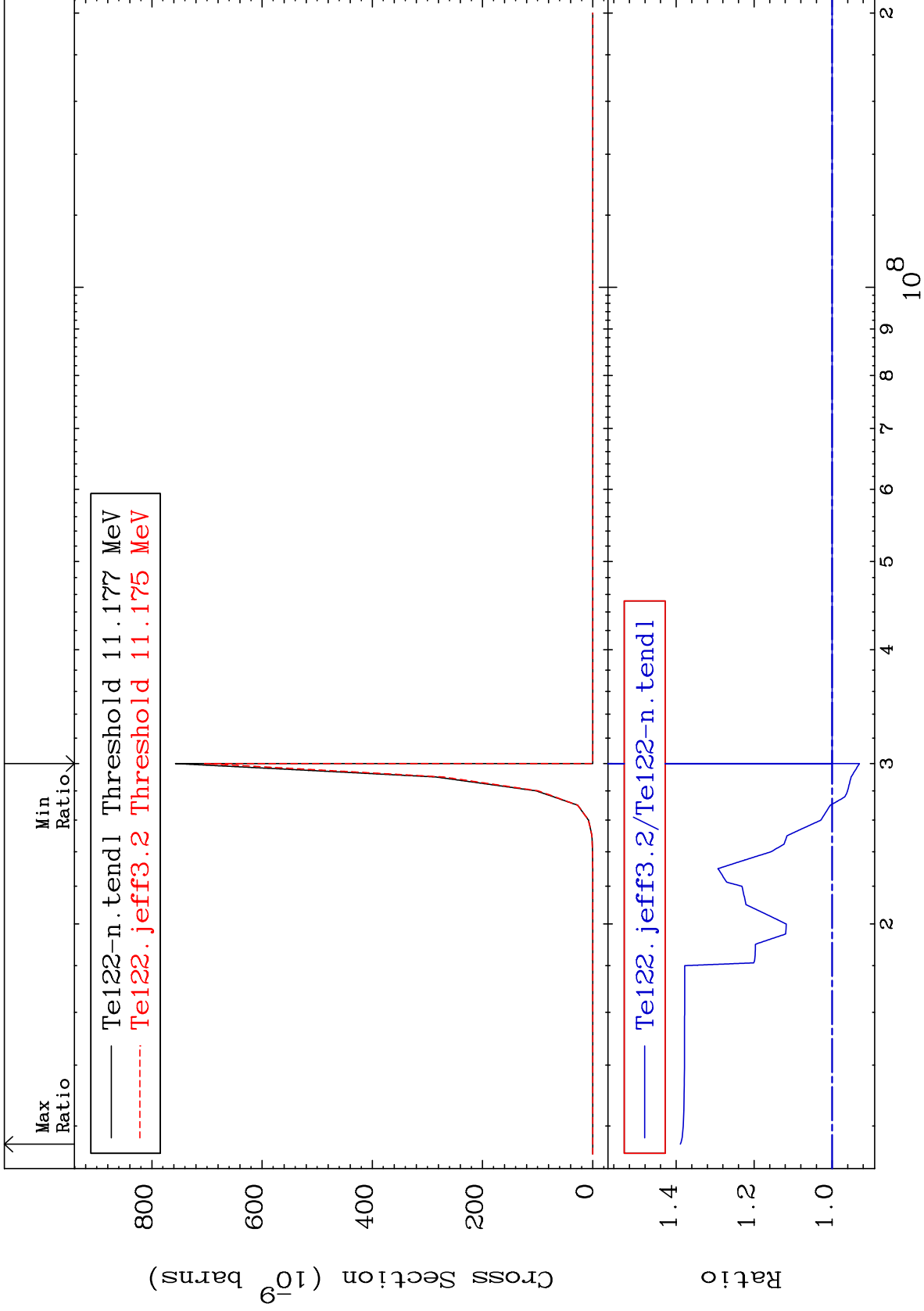


MAT 5231

(n,2n) p
Cross Section

52-Te-122
To 152.9 %

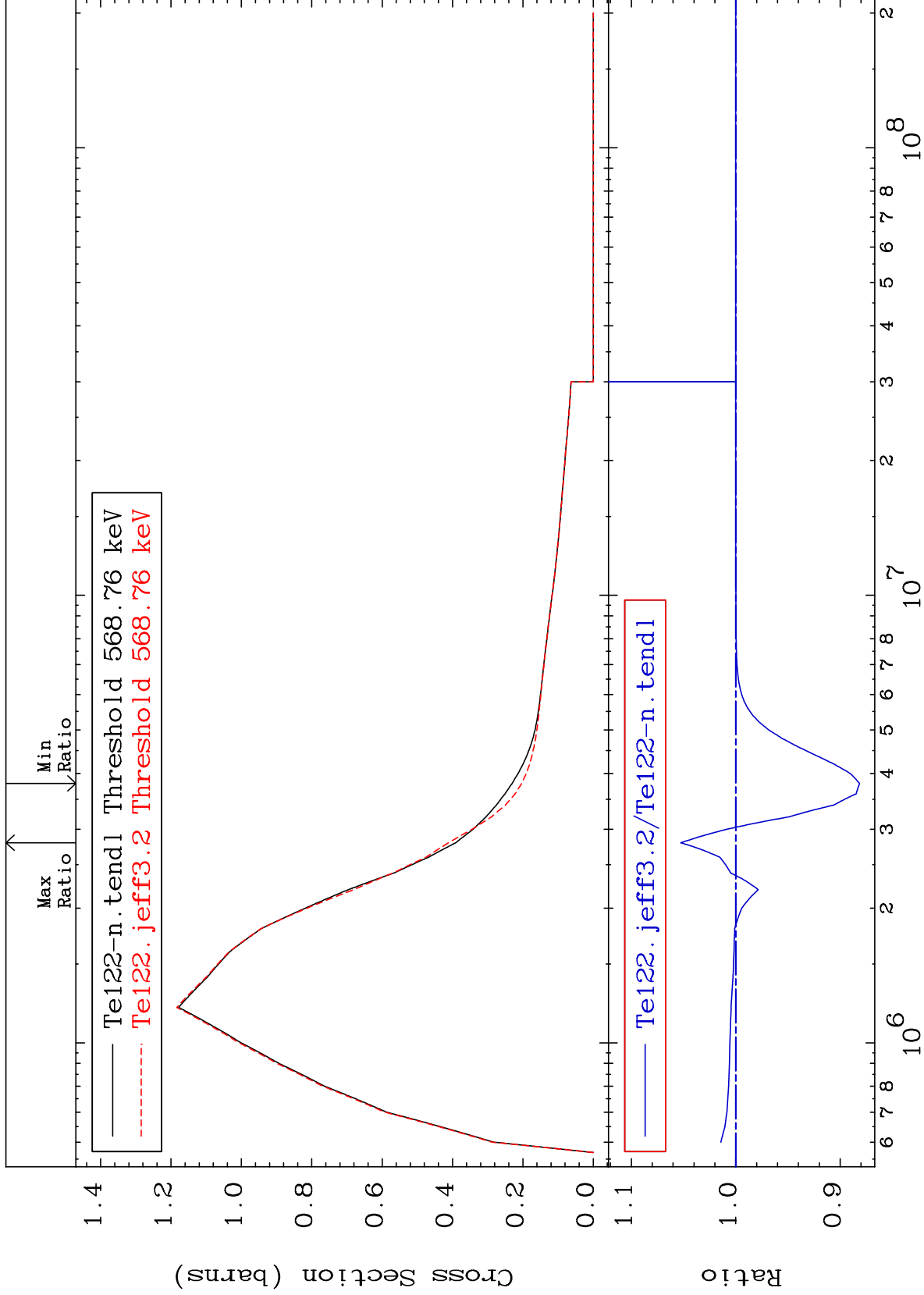




MAT 5231

564.1 keV (n,n') Level
Cross Section

52-Te-122
-11.85 To 5.264 %



20

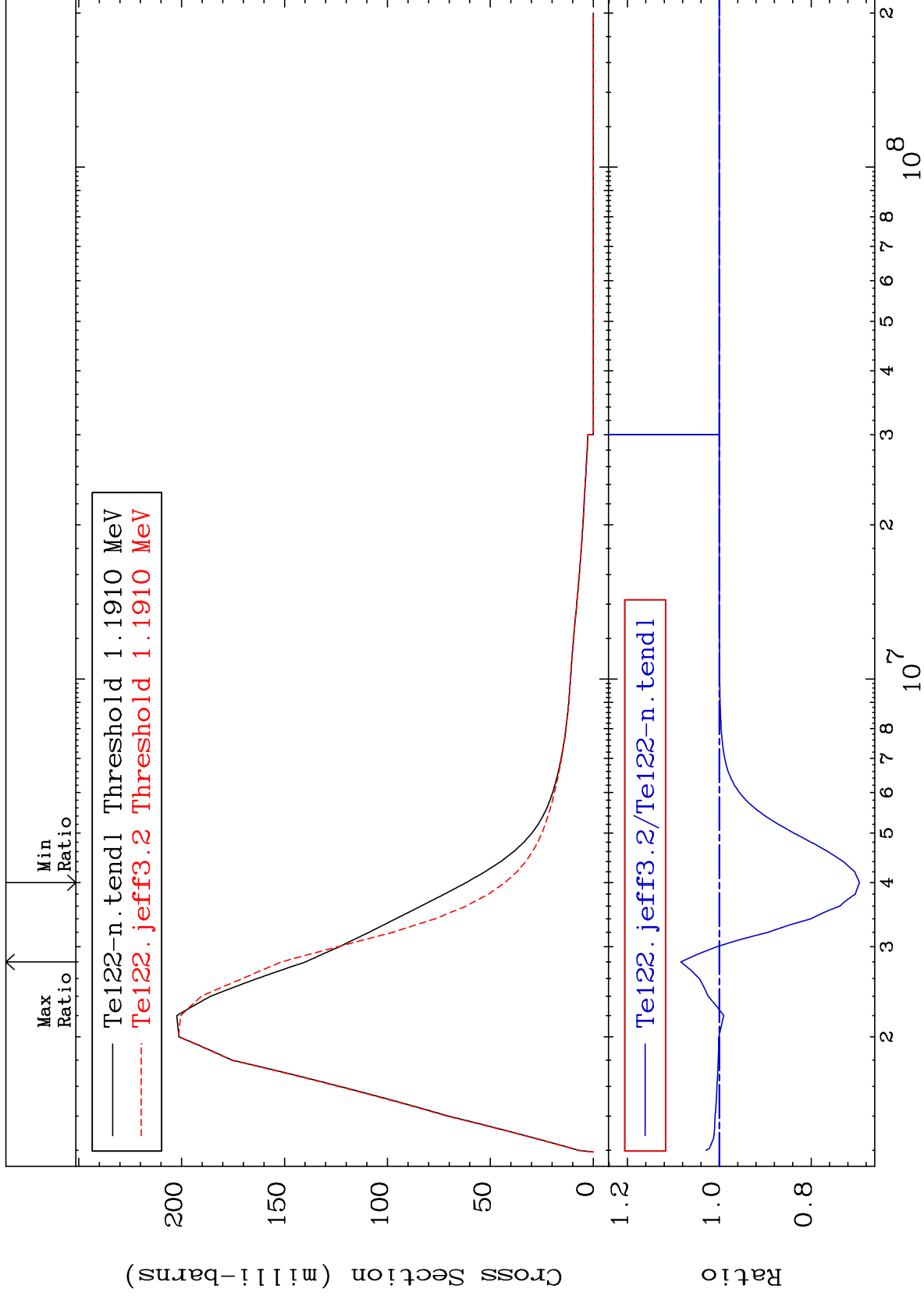
Incident Energy (eV)

52-Te-122

MAT 5231

1.181 MeV (n,n') Level
Cross Section

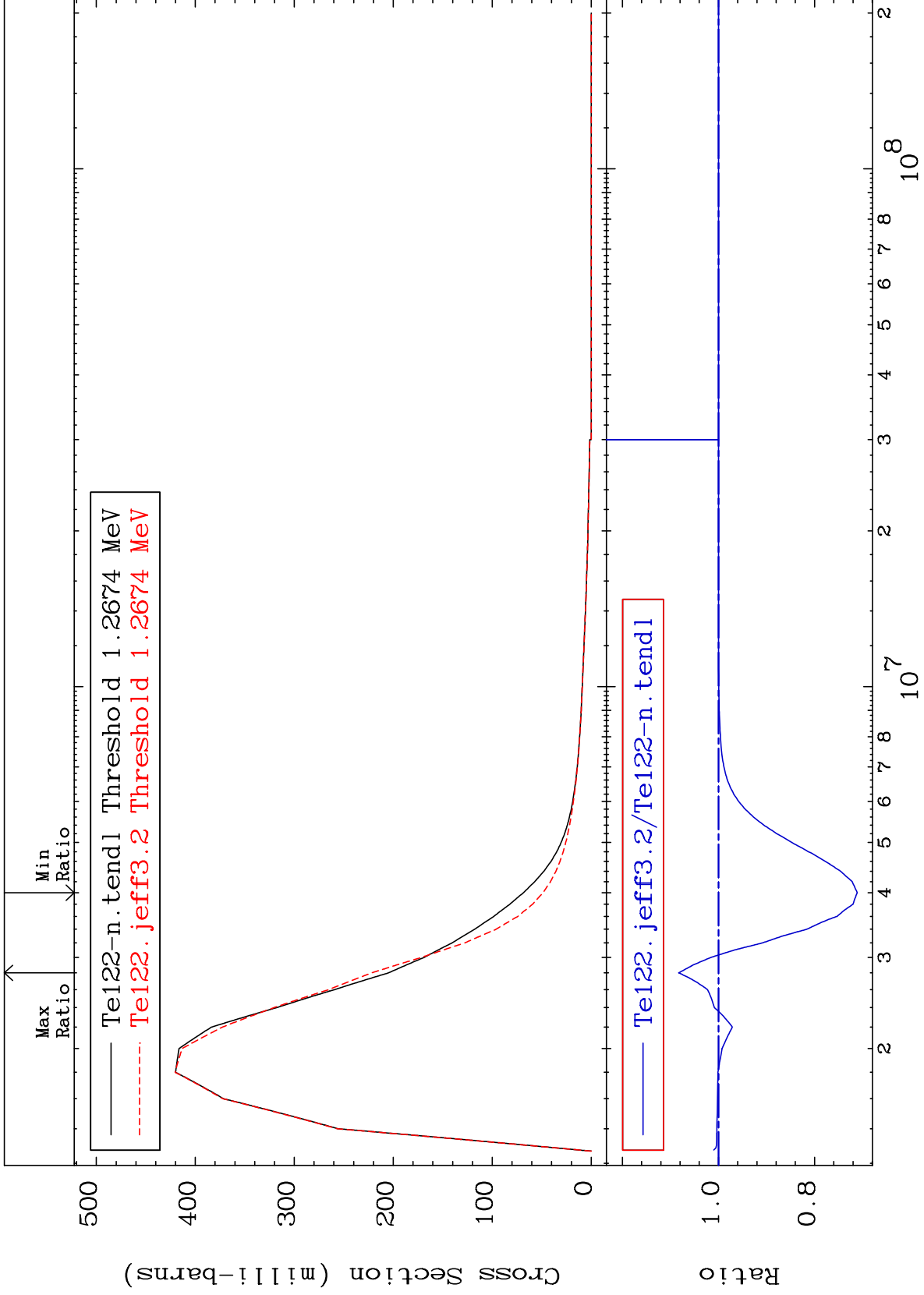
52-Te-122
-30.53 To 8.388 %



MAT 5231

1.257 MeV (n,n') Level
Cross Section

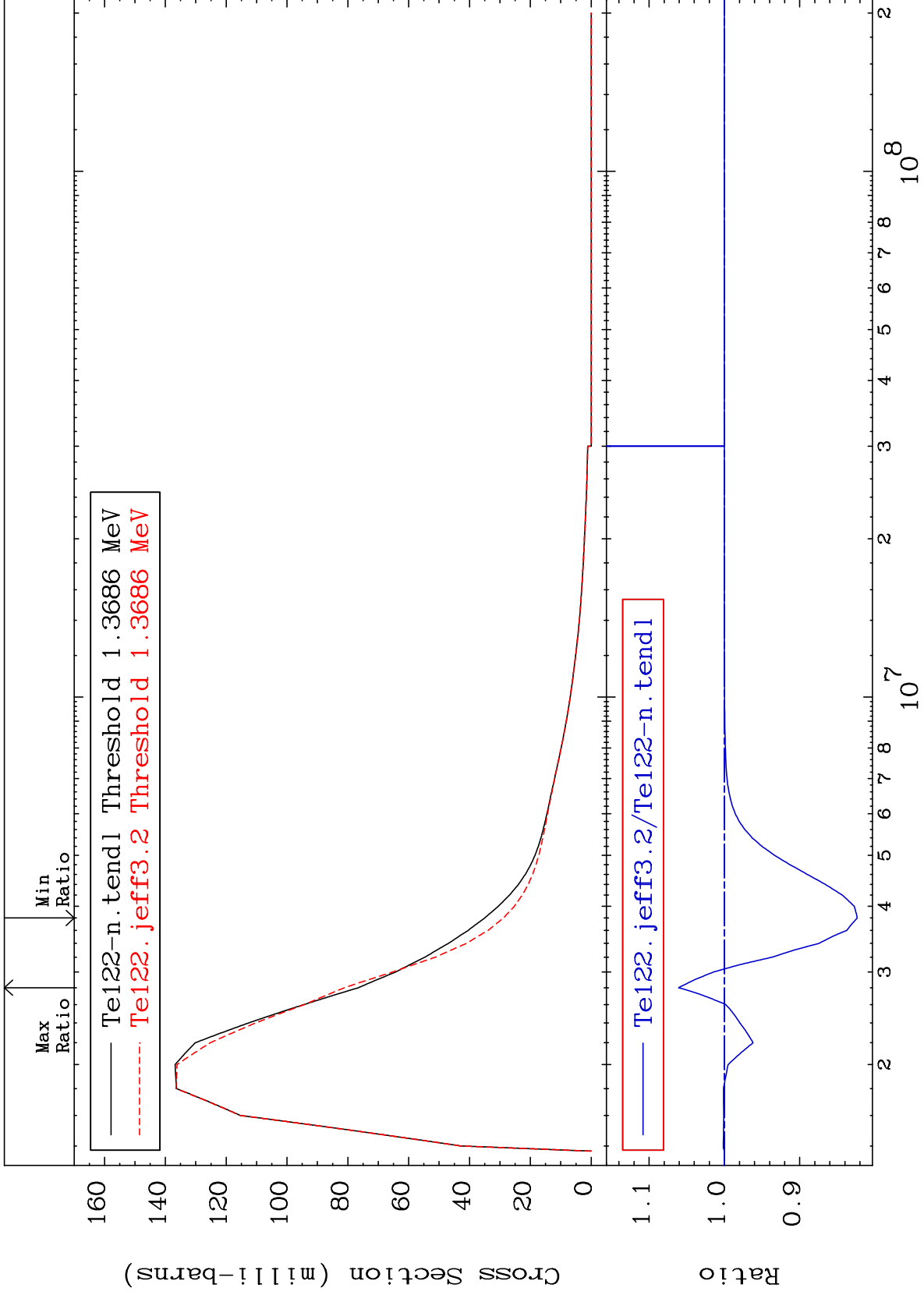
52-Te-122
-28.88 To 8.293 %



MAT 5231

1.357 MeV (n,n') Level
Cross Section

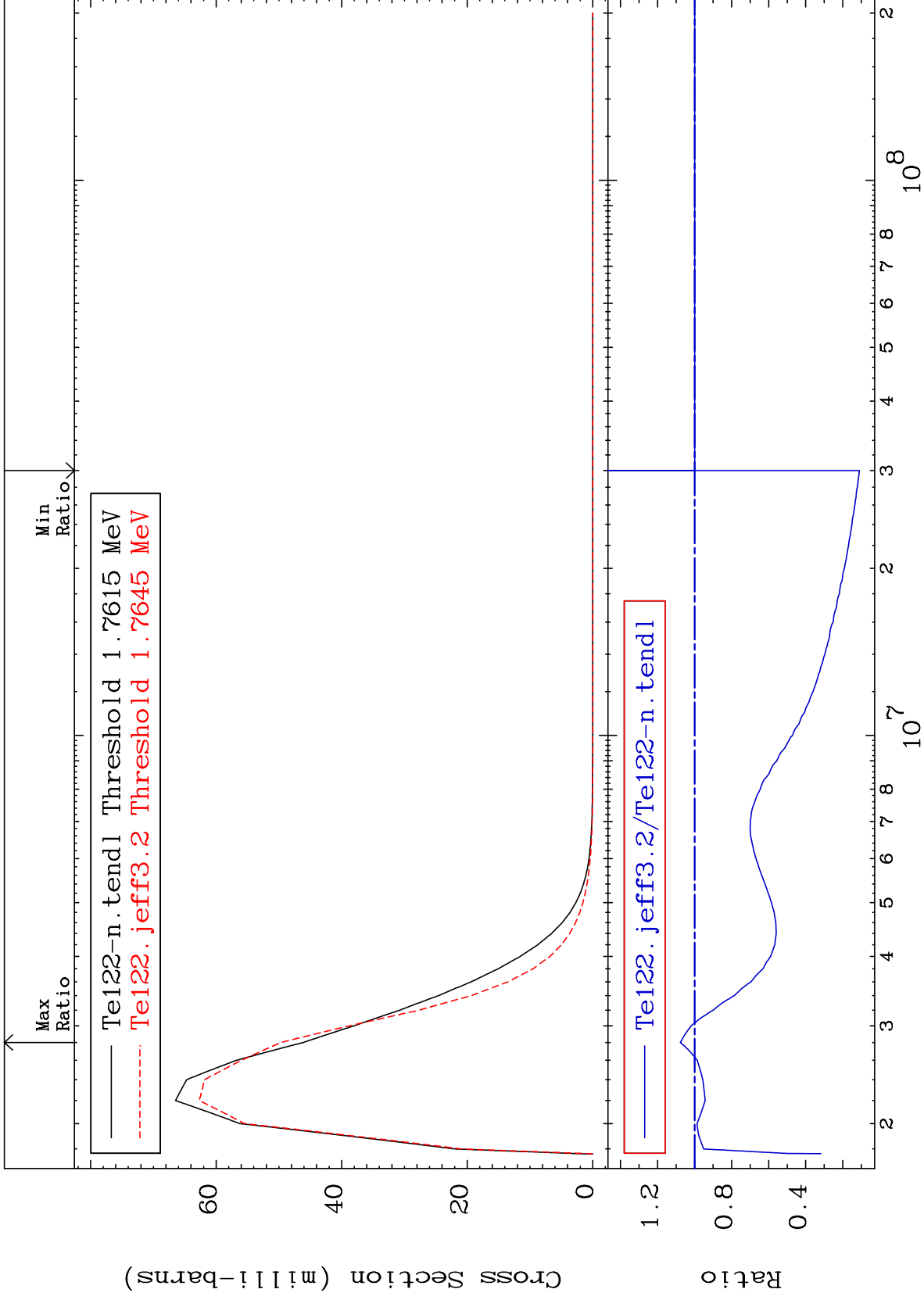
52-Te-122
-17.64 To 6.078 %



MAT 5231

1.747 MeV (n,n') Level
Cross Section

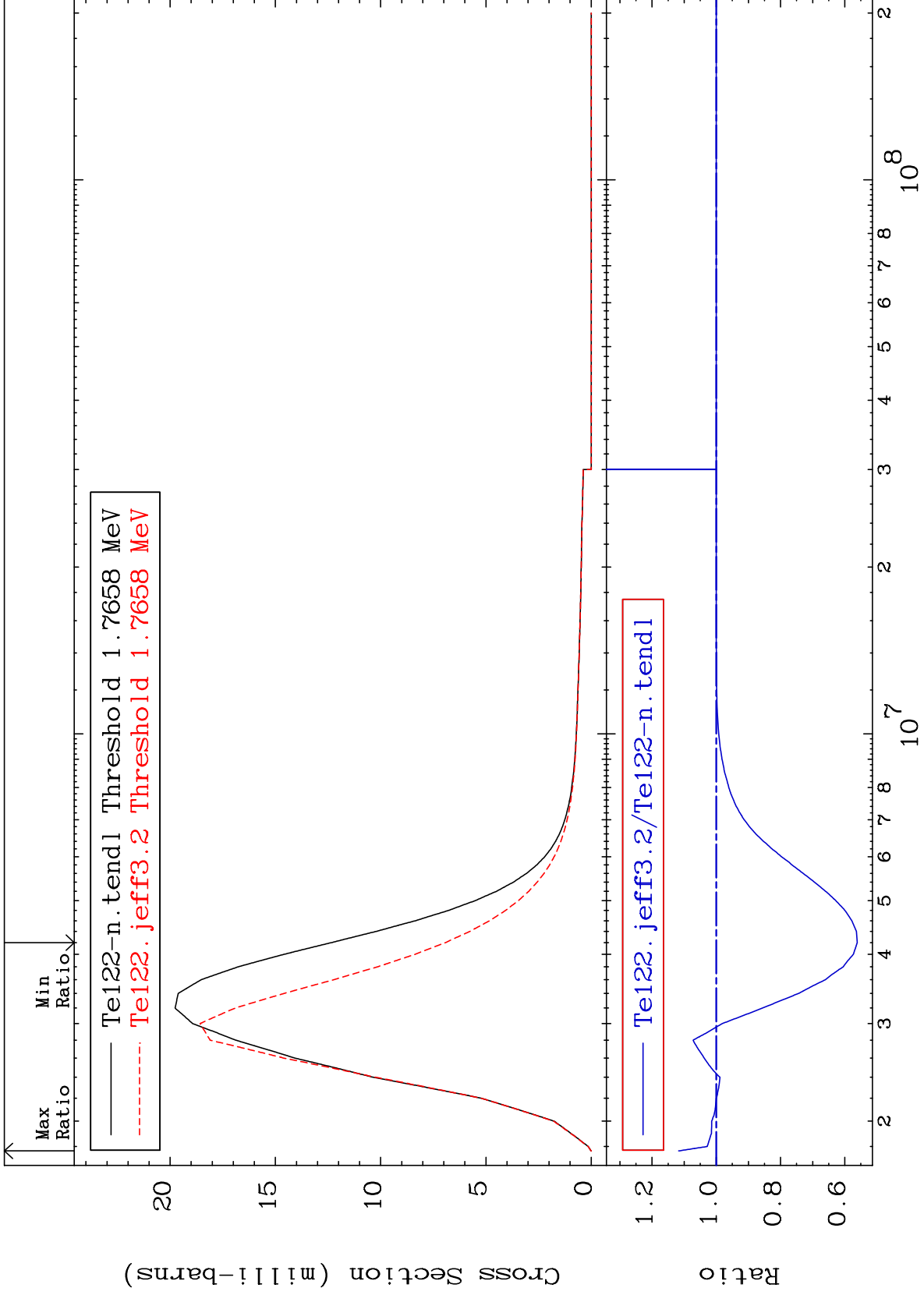
52-Te-122
-89.01 To 7.697 %



MAT 5231

1.751 MeV (n,n') Level
Cross Section

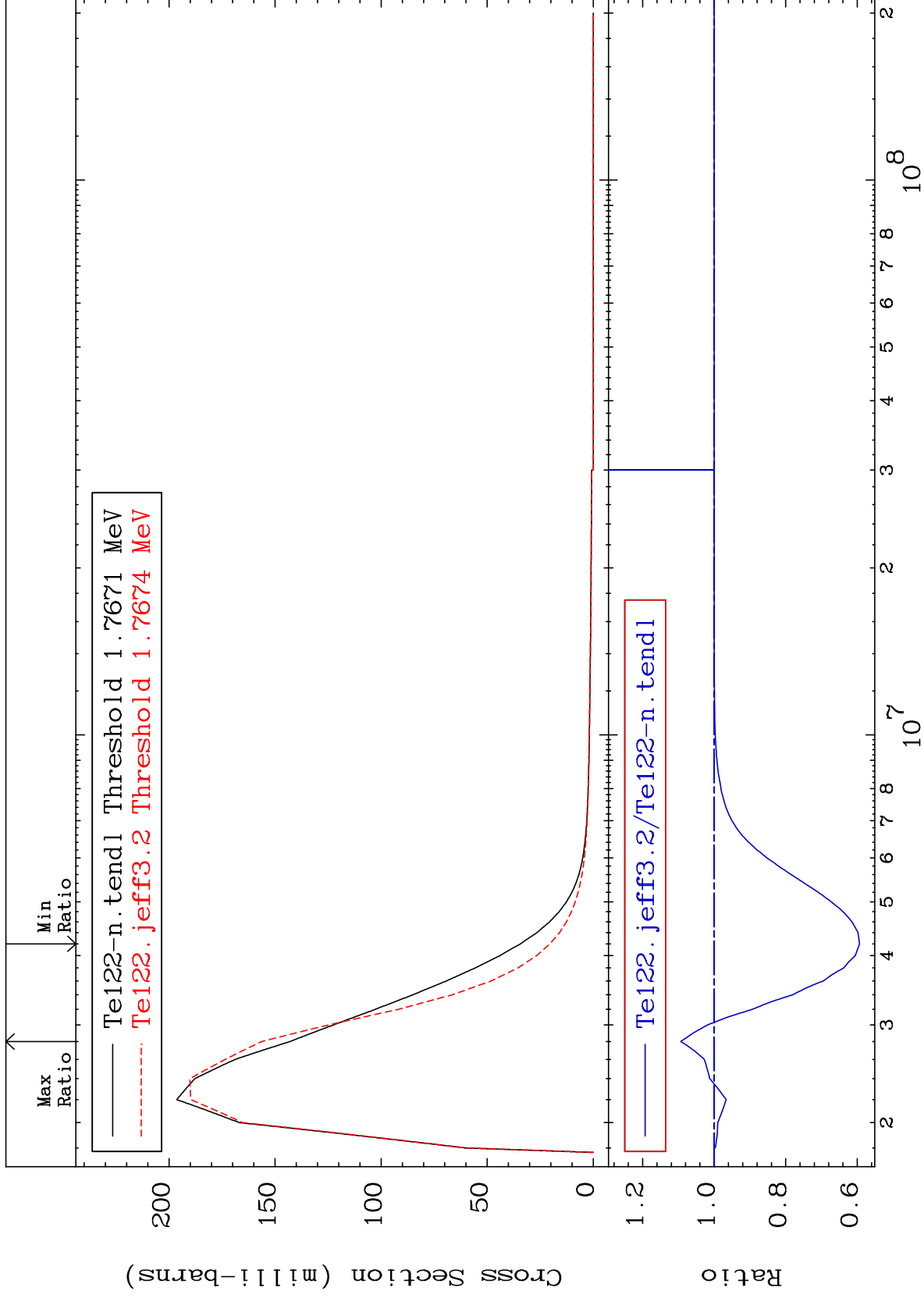
52-Te-122
-43.89 To 11.72 %



MAT 5231

1.753 MeV (n,n') Level
Cross Section

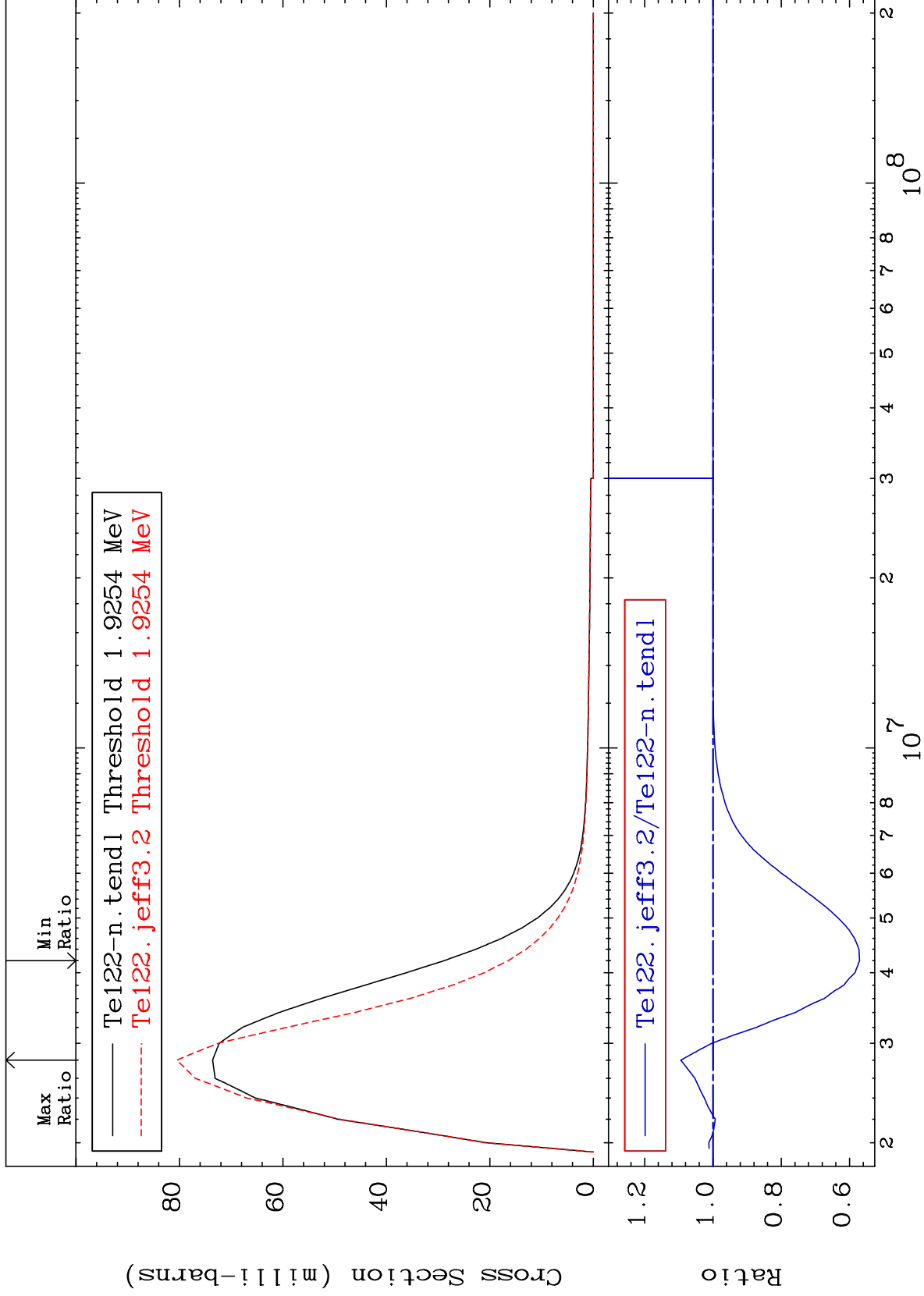
52-Te-122
-40.63 To 9.340 %



MAT 5231

1.910 MeV (n,n') Level
Cross Section

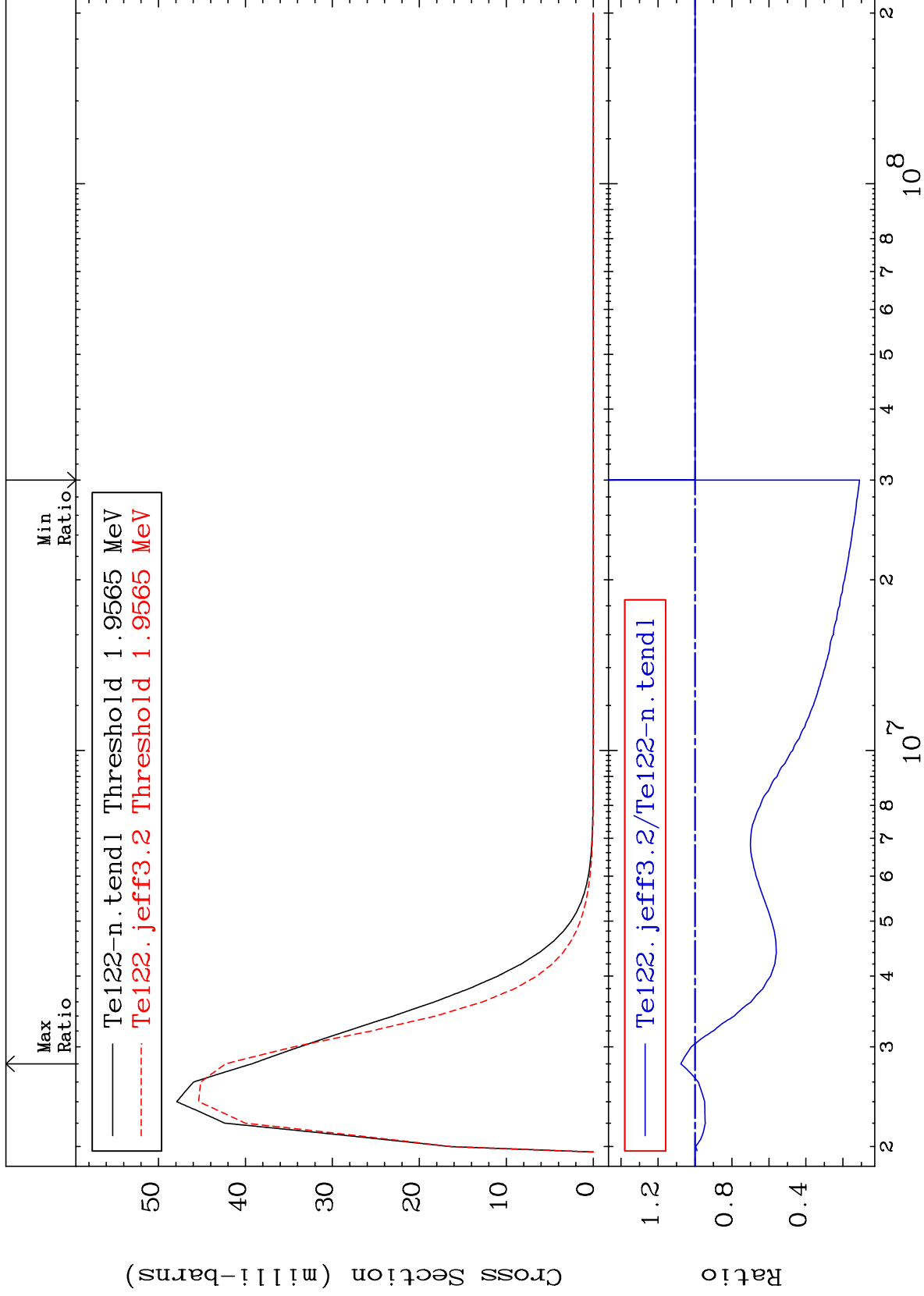
52-Te-122
-42.92 To 9.417 %



MAT 5231

1.940 MeV (n,n') Level
Cross Section

52-Te-122
-89.01 To 7.691 %



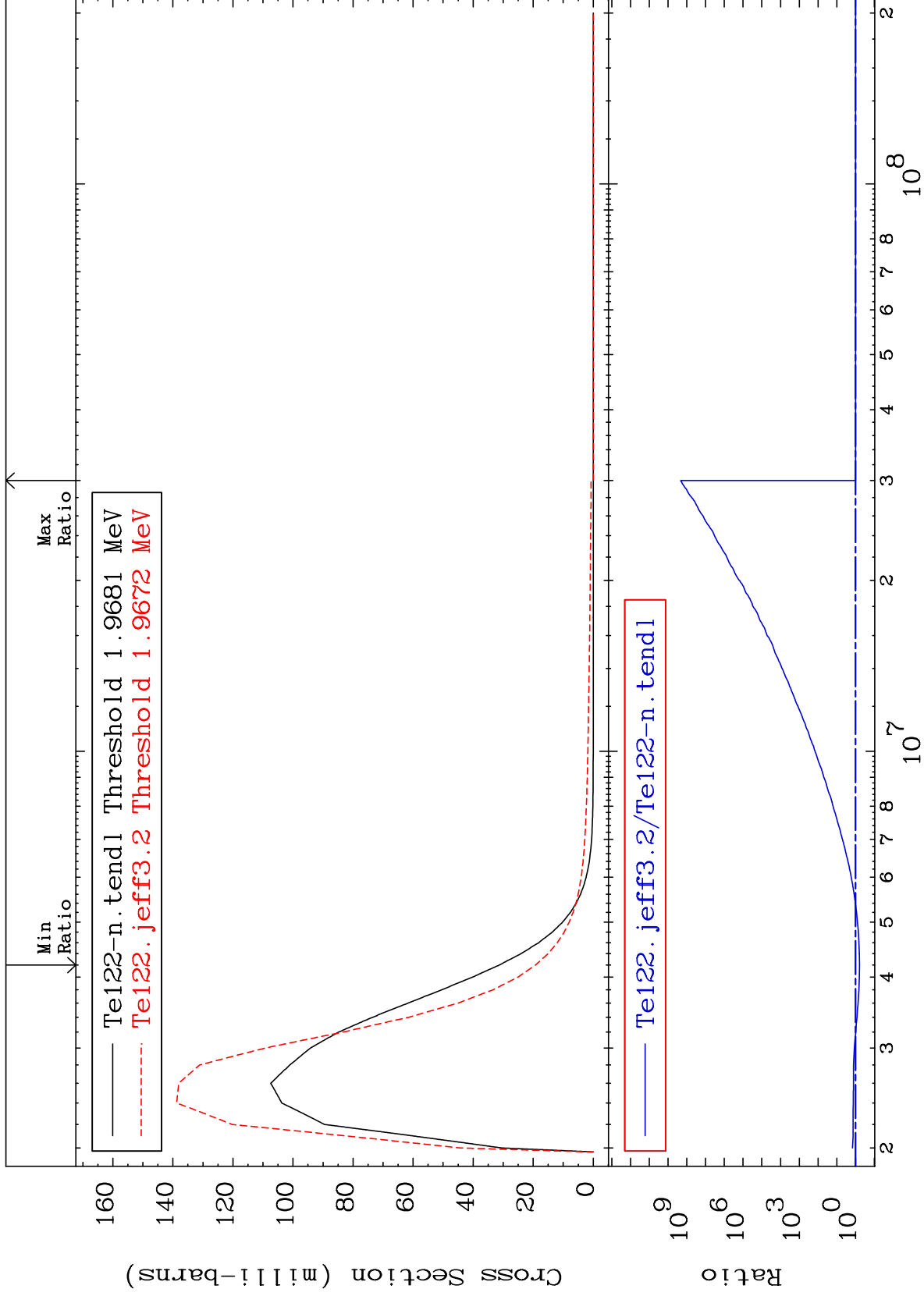
MAT 5231

1.952 MeV (n,n') Level

52-Te-122

-38.61 To 9999. %

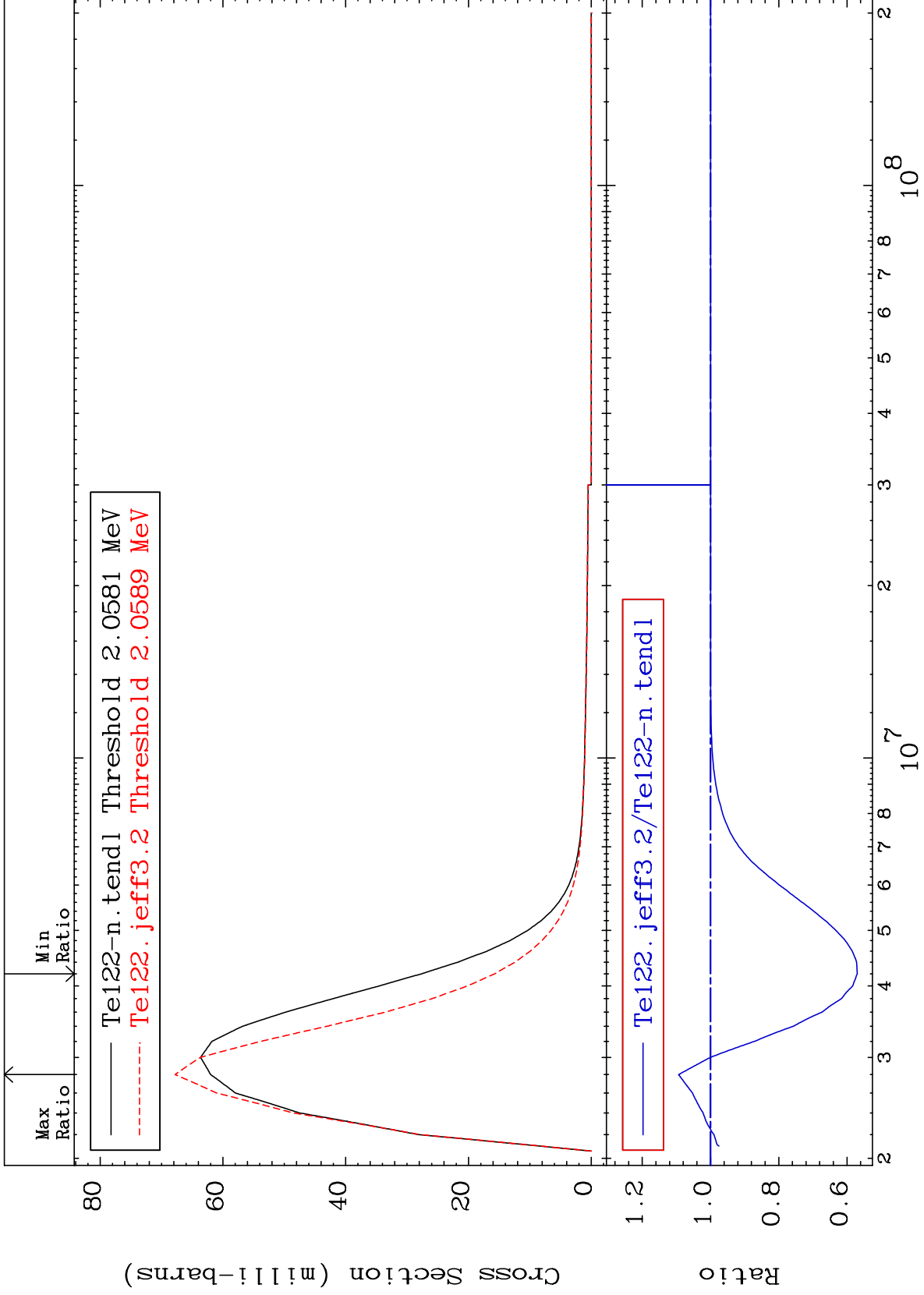
Cross Section



MAT 5231

2.041 MeV (n,n') Level
Cross Section

52-Te-122
-43.01 To 9.345 %



30

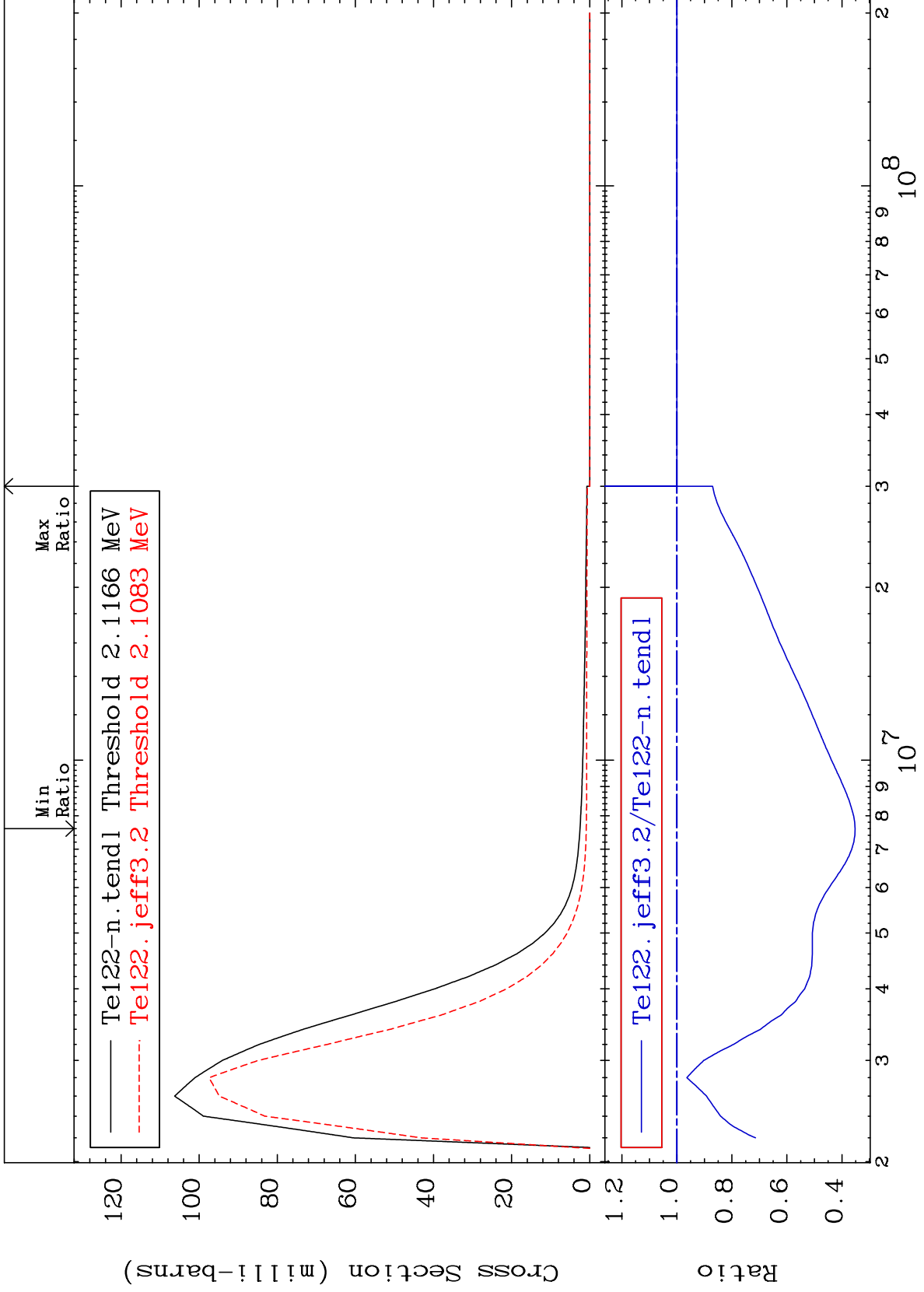
Incident Energy (eV)

52-Te-122

MAT 5231

2.099 MeV (n,n') Level
Cross Section

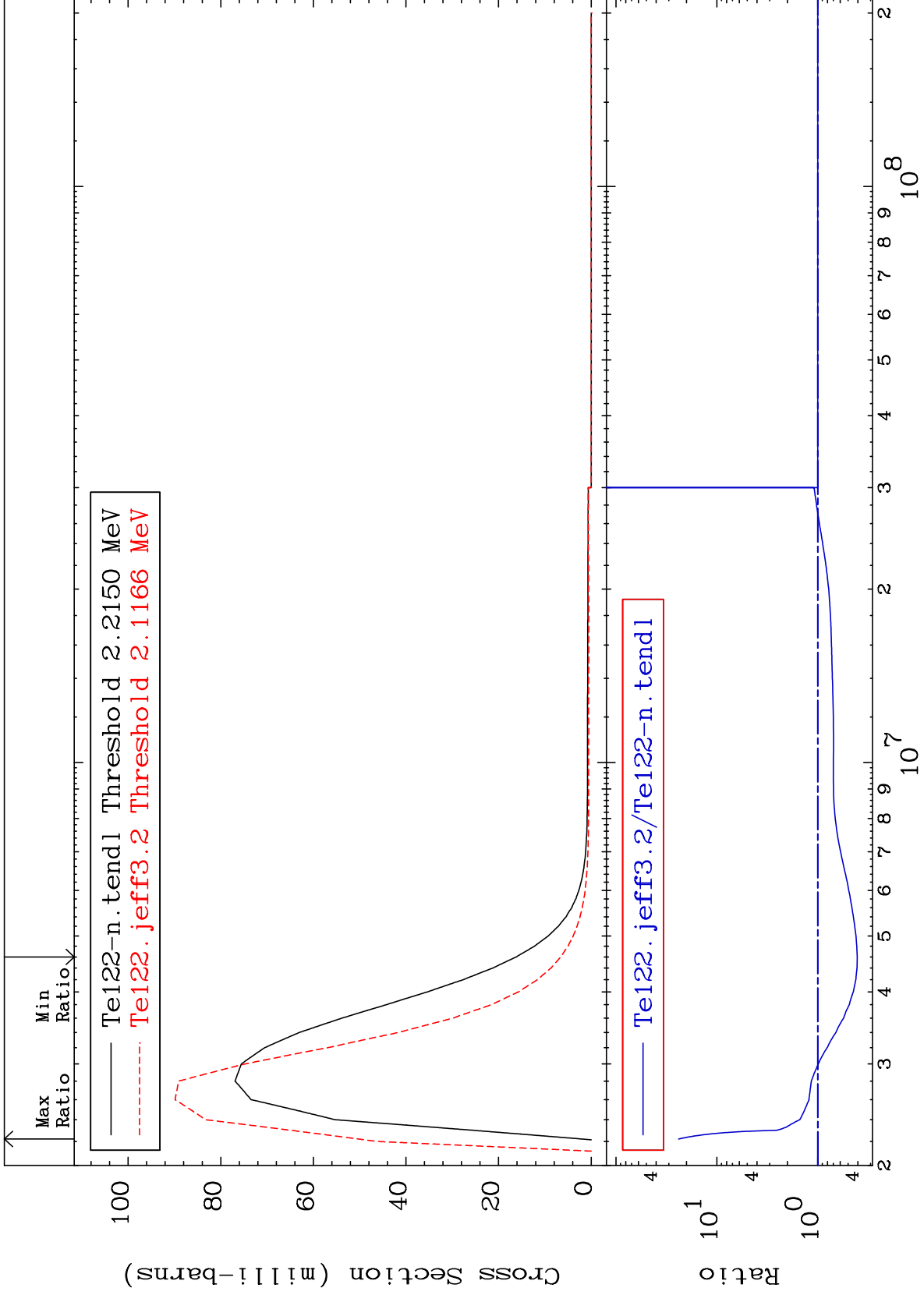
52-Te-122
-64.79 To 0.000 %



MAT 5231

2.197 MeV (n,n') Level
Cross Section

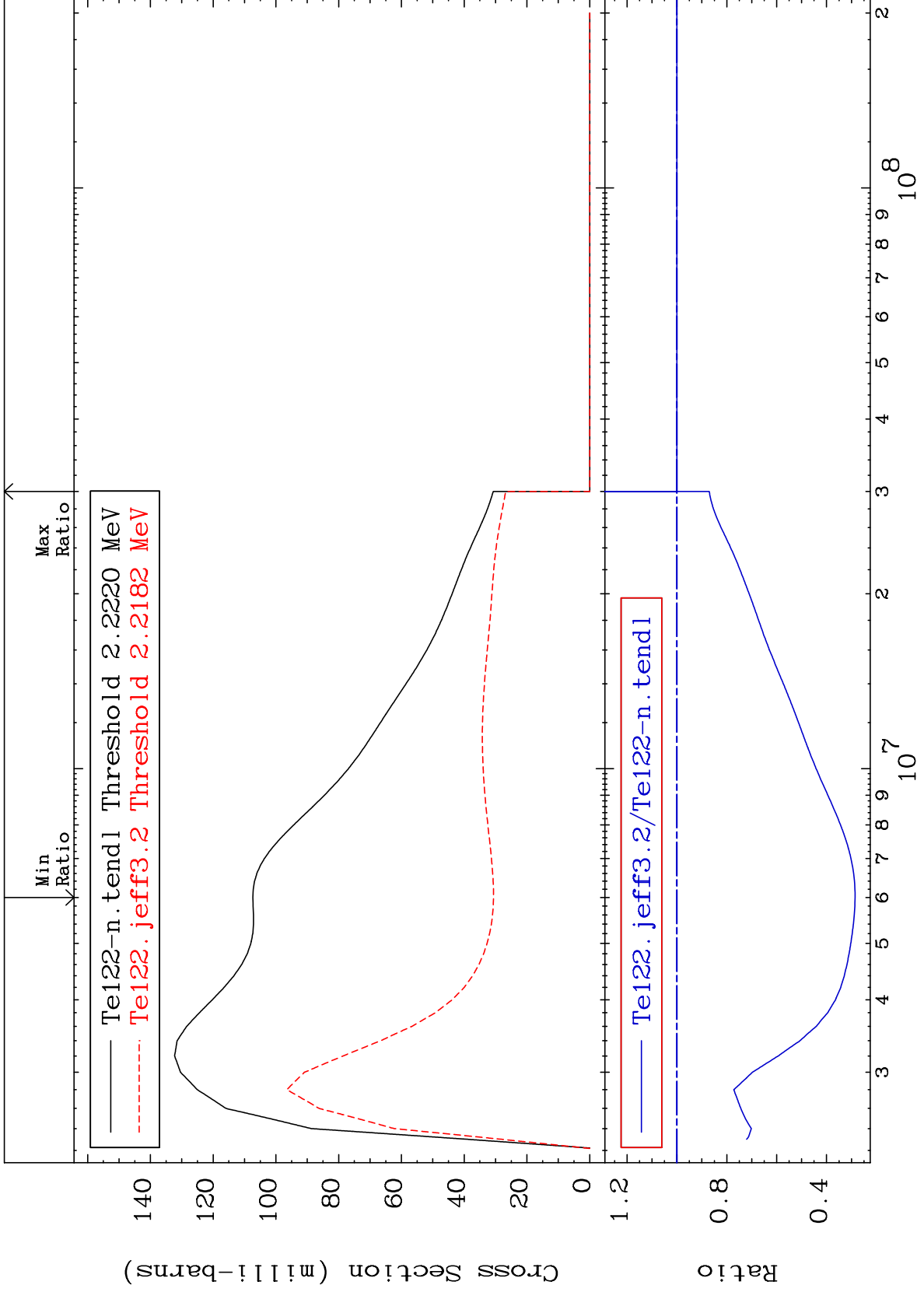
52-Te-122
-59.40 To 2294. %



MAT 5231

2.204 MeV (n,n') Level
Cross Section

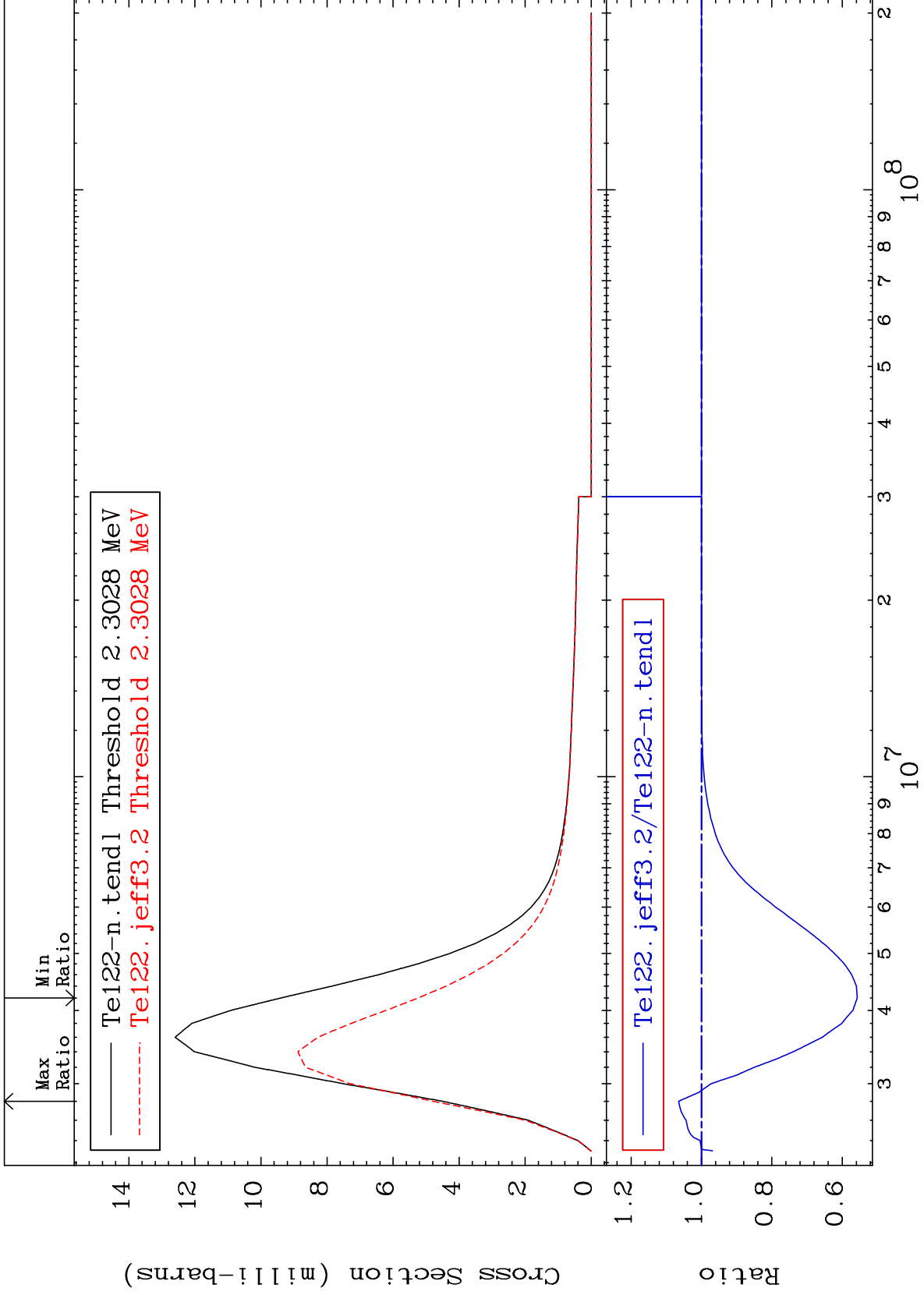
52-Te-122
-71.44 To 0.000 %



MAT 5231

2.284 MeV (n,n') Level
Cross Section

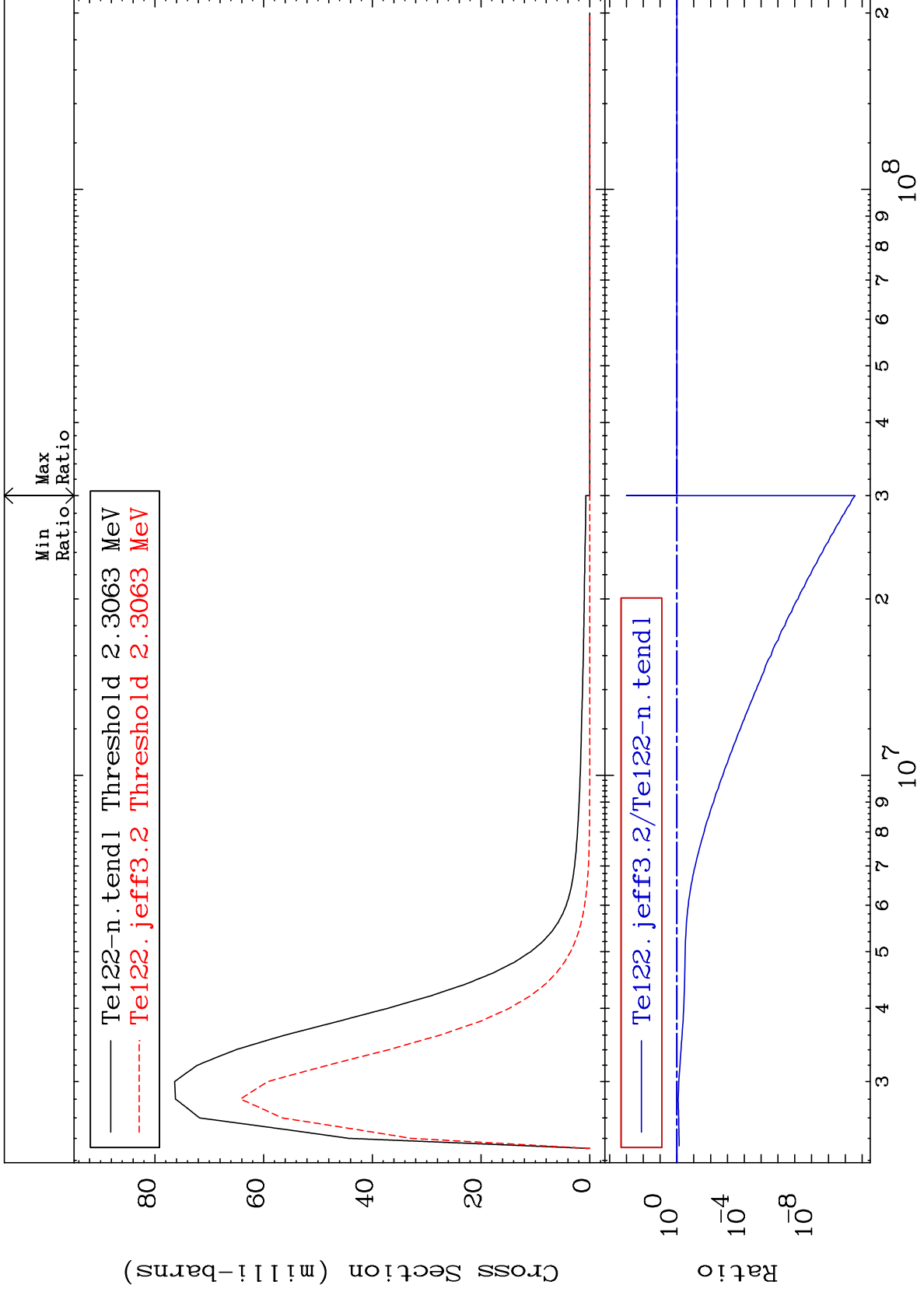
52-Te-122
-44.27 To 6.485 %



MAT 5231

2.287 MeV (n,n') Level
Cross Section

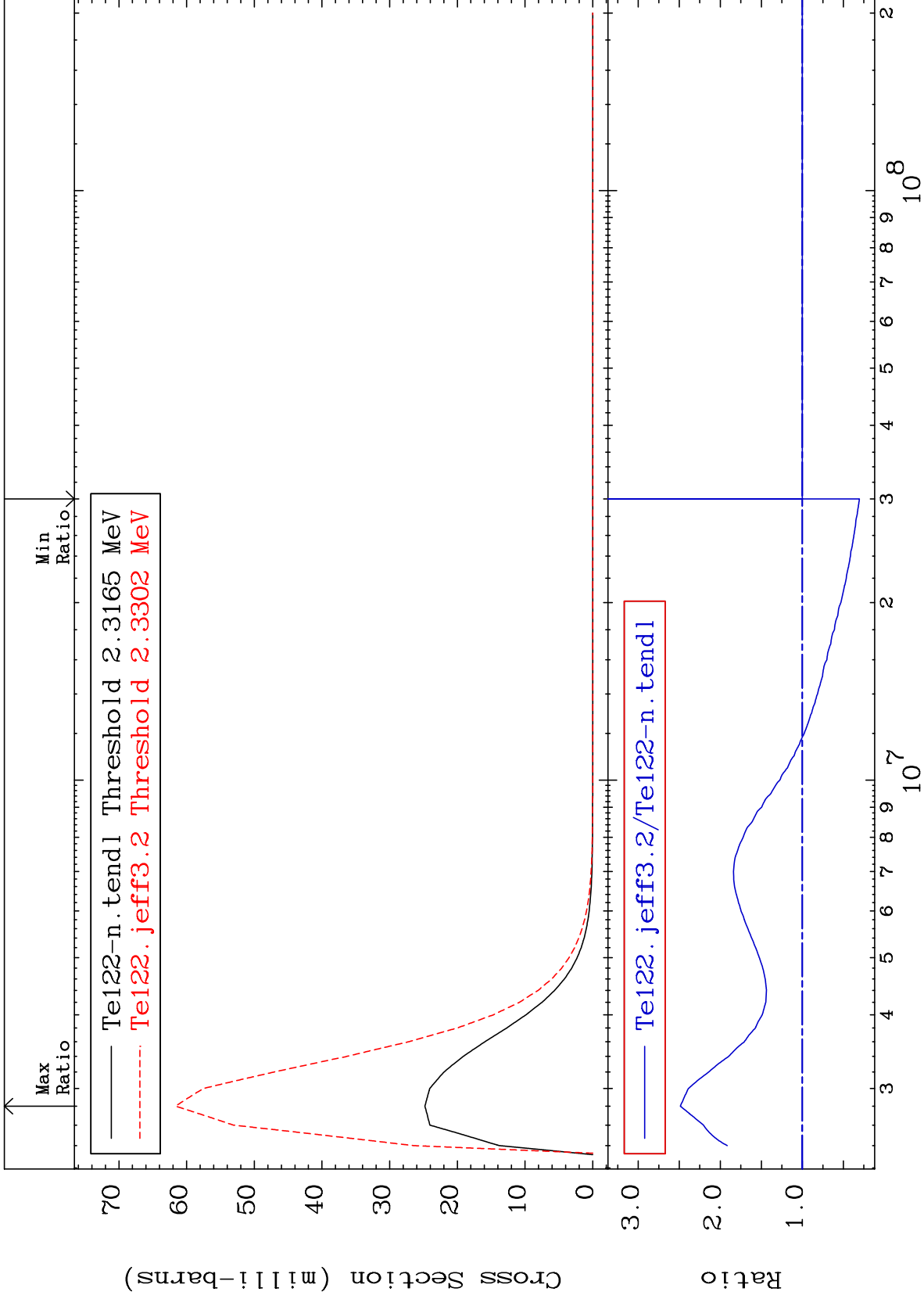
52-Te-122
-100.0 To 0.000 %



MAT 5231

2.297 MeV (n,n') Level
Cross Section

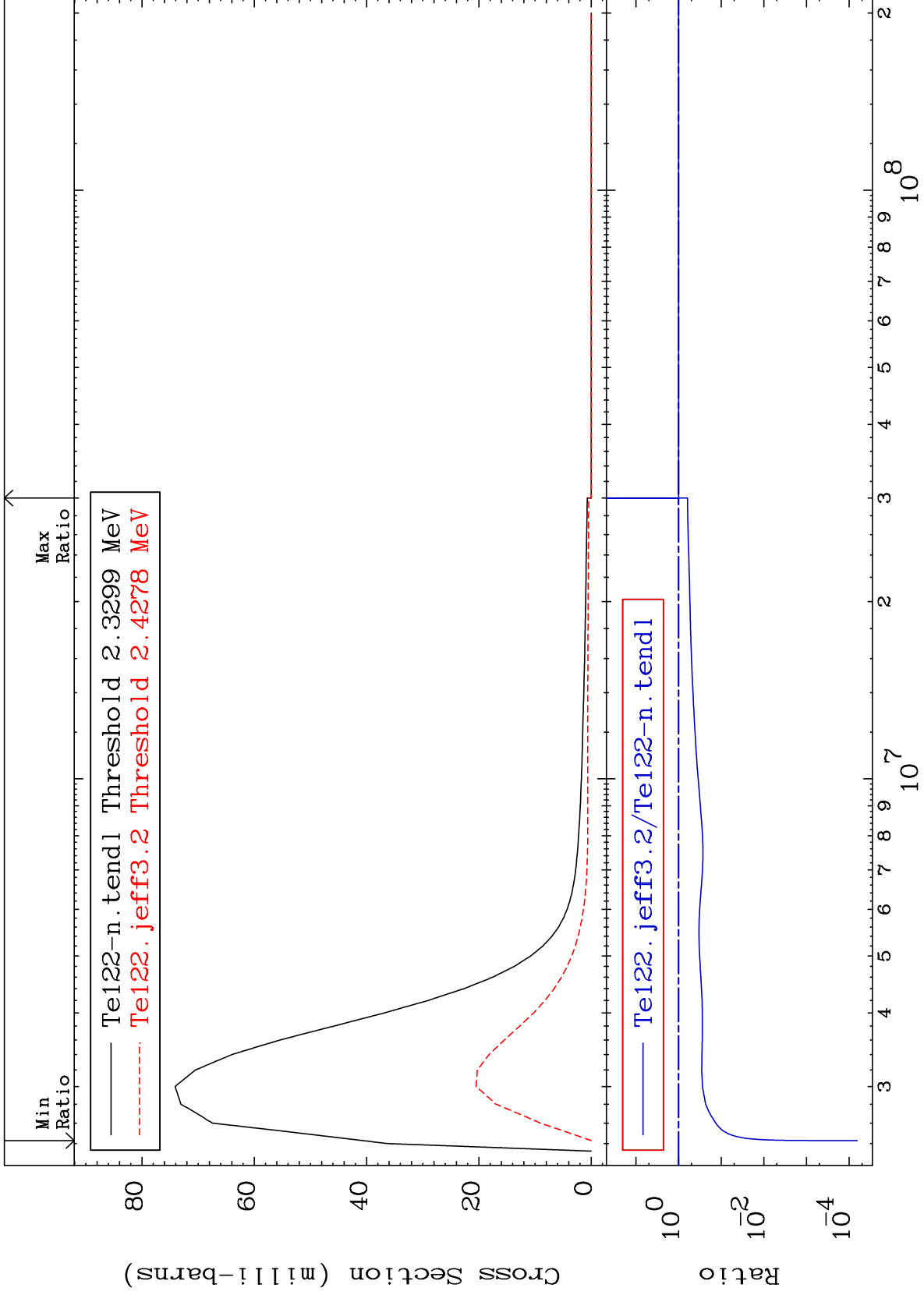
52-Te-122
-69.55 To 148.7 %



MAT 5231

2.311 MeV (n,n') Level
Cross Section

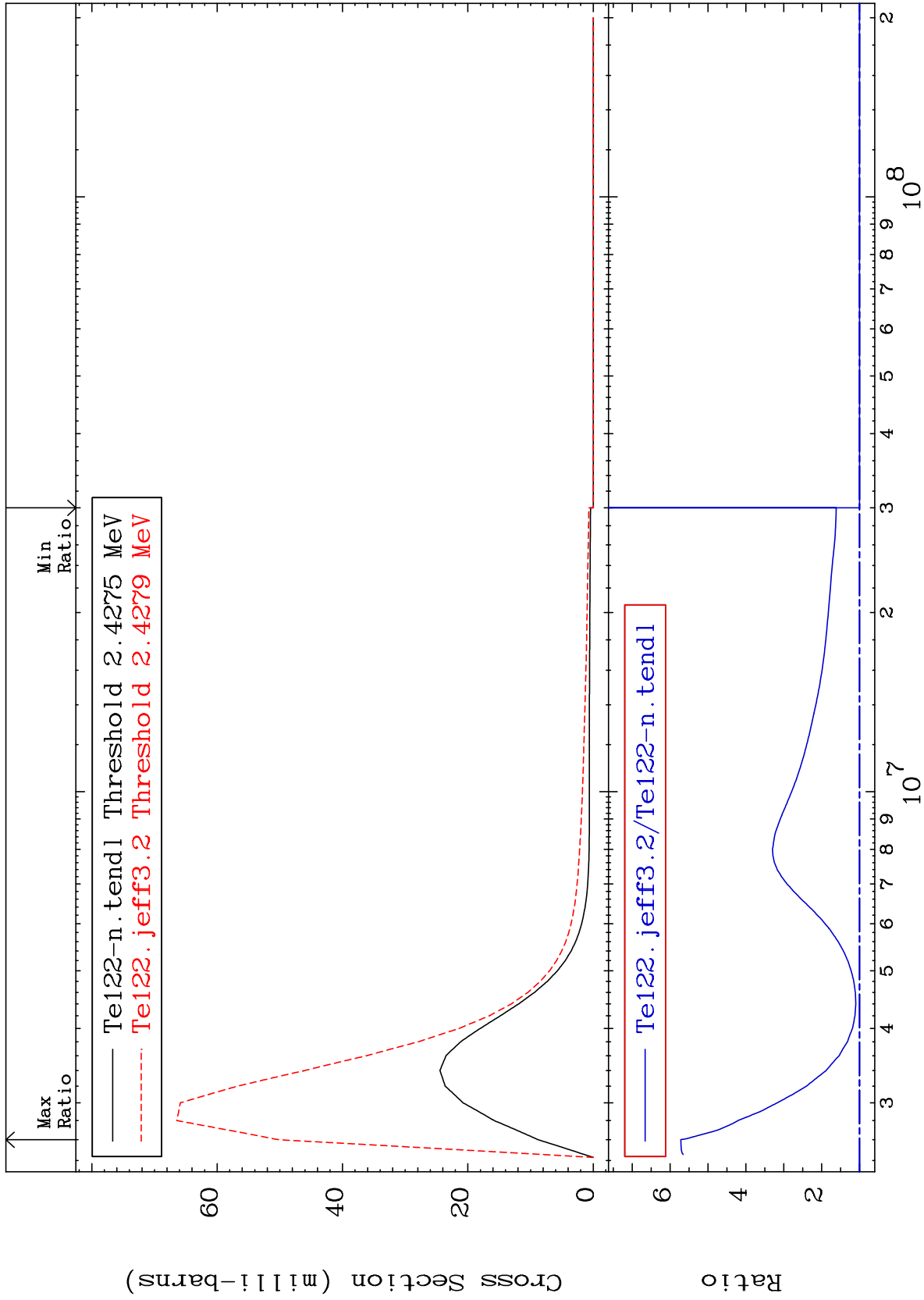
52-Te-122
-99.99 To 0.000 %



MAT 5231

2.408 MeV (n,n') Level
Cross Section

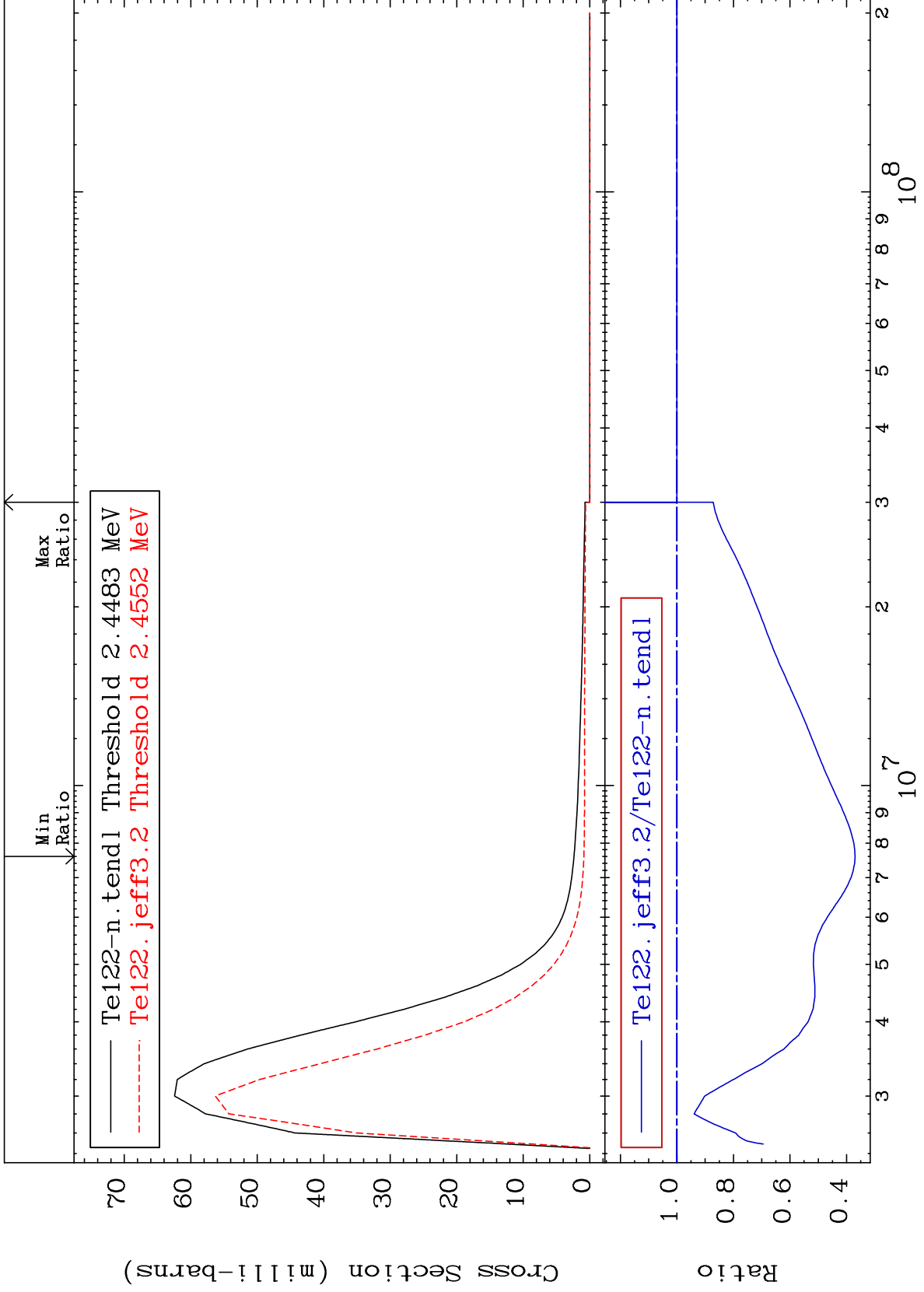
52-Te-122
To 471.7 %



MAT 5231

2.428 MeV (n,n') Level
Cross Section

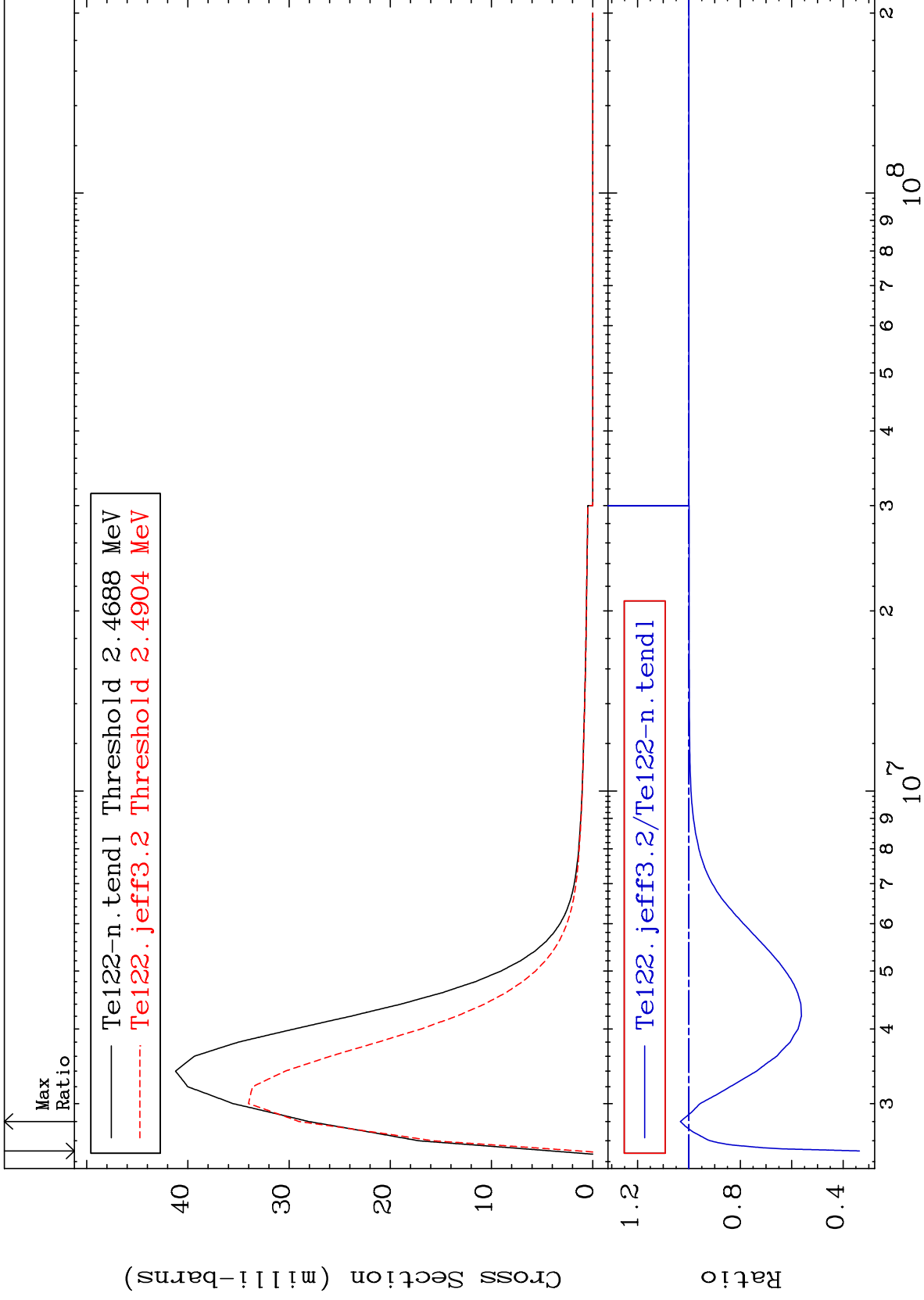
52-Te-122
-63.02 To 0.000 %



MAT 5231

2.449 MeV (n,n') Level
Cross Section

52-Te-122
-66.34 To 3.330 %



40

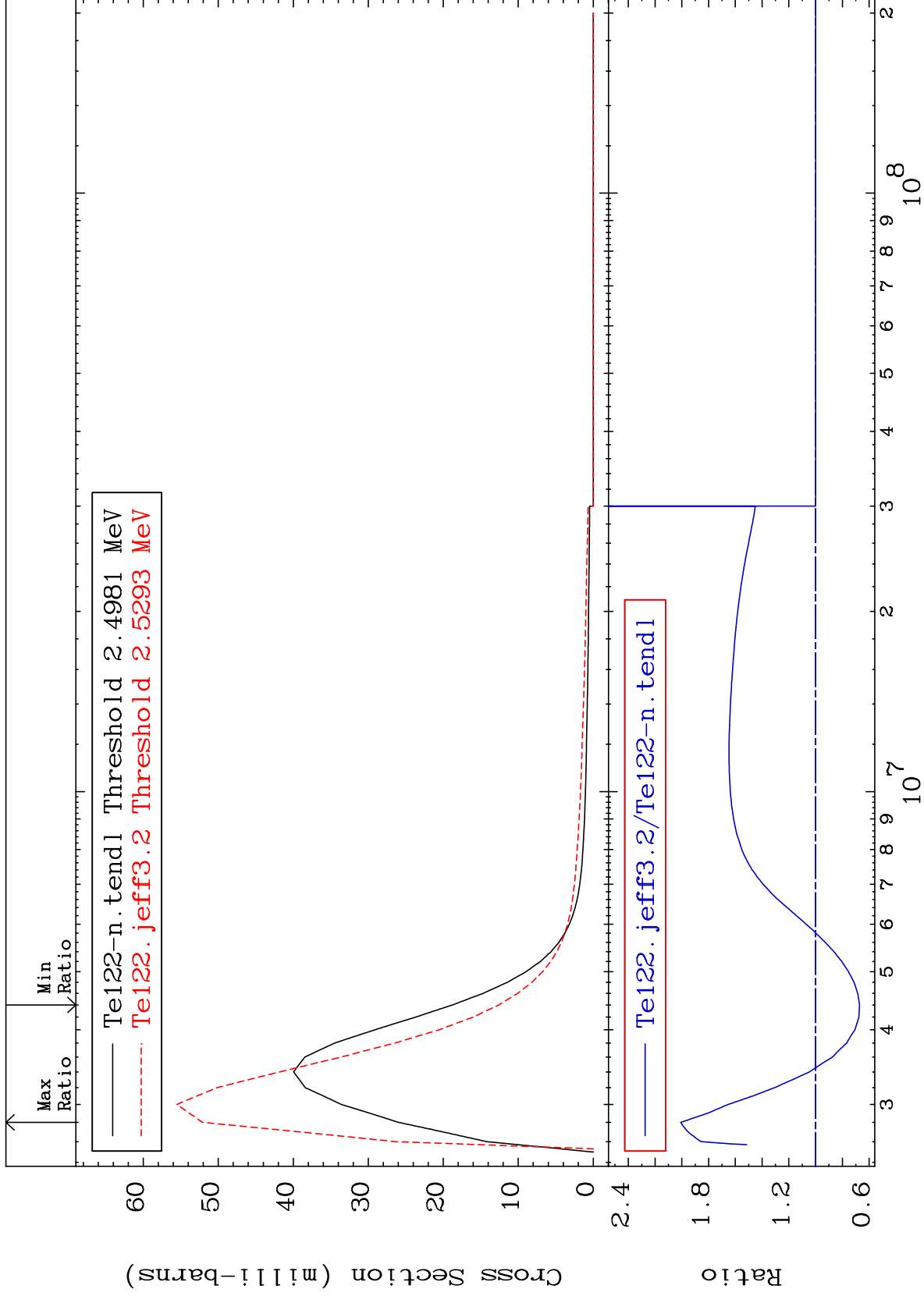
Incident Energy (eV)

52-Te-122

MAT 5231

2.478 MeV (n,n') Level
Cross Section

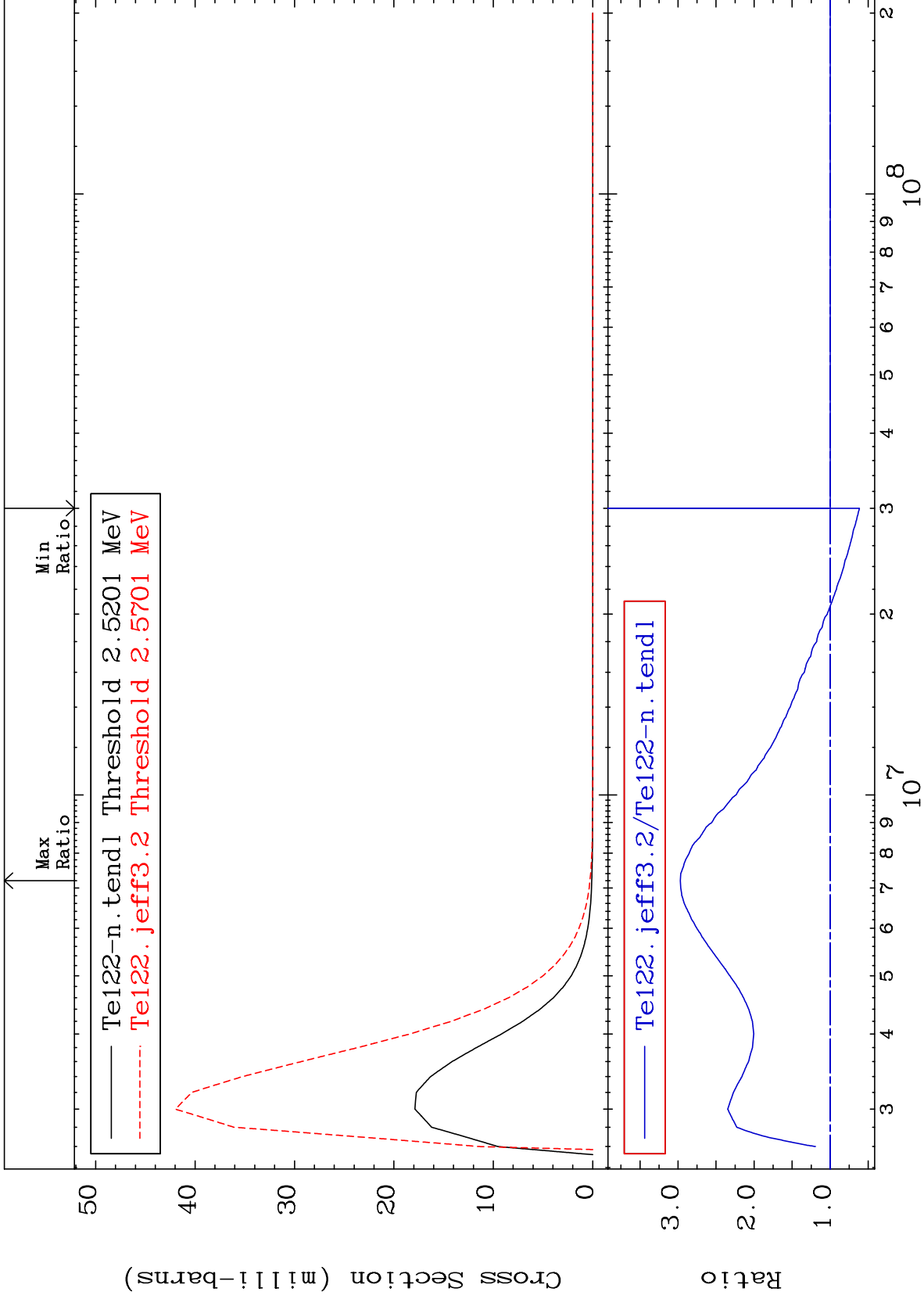
52-Te-122
-32.84 To 100.8 %



MAT 5231

2.499 MeV (n,n') Level
Cross Section

52-Te-122
-38.41 To 196.9 %



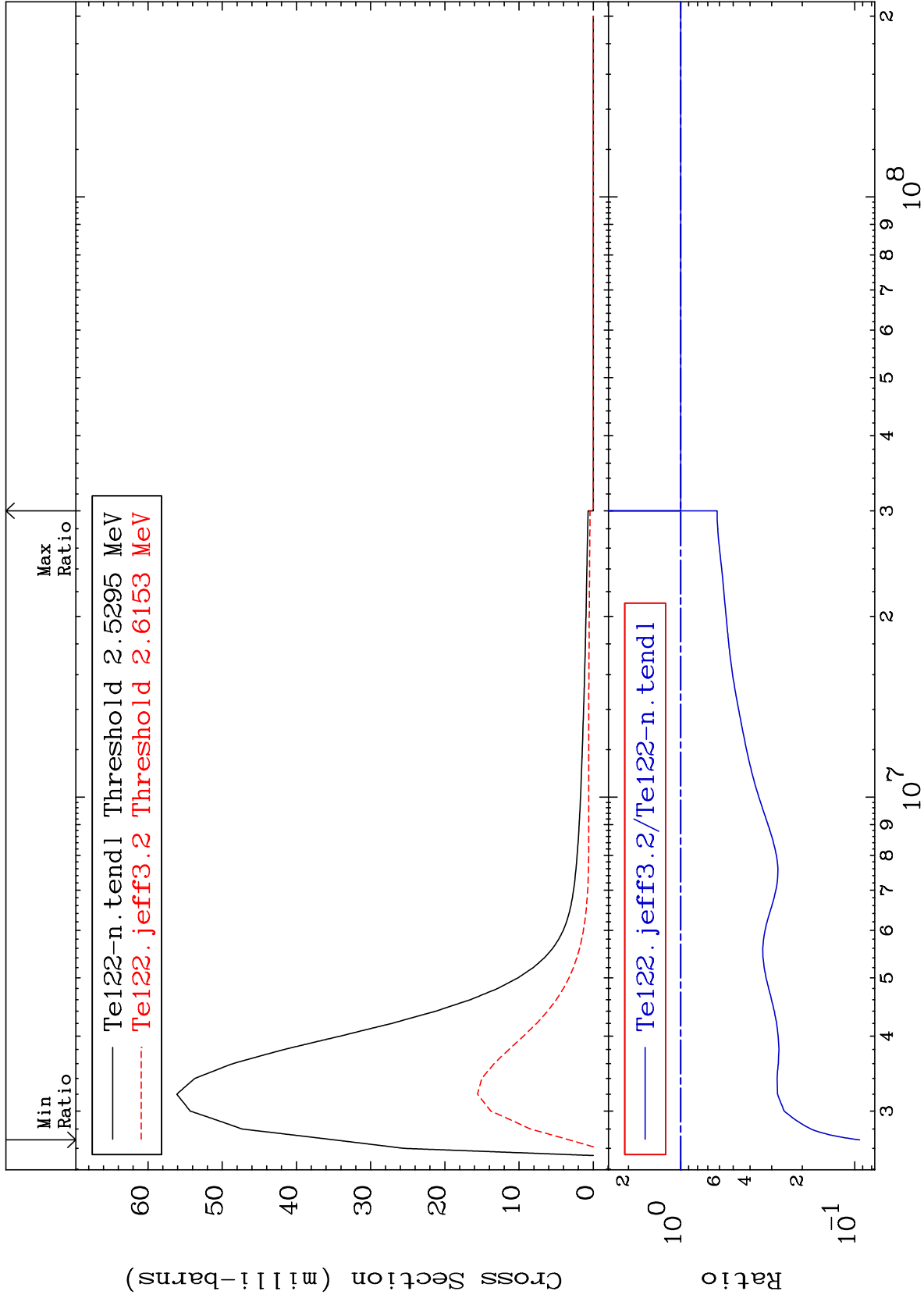
MAT 5231

2.509 MeV (n,n') Level

52-Te-122

-90.62 To 0.000 %

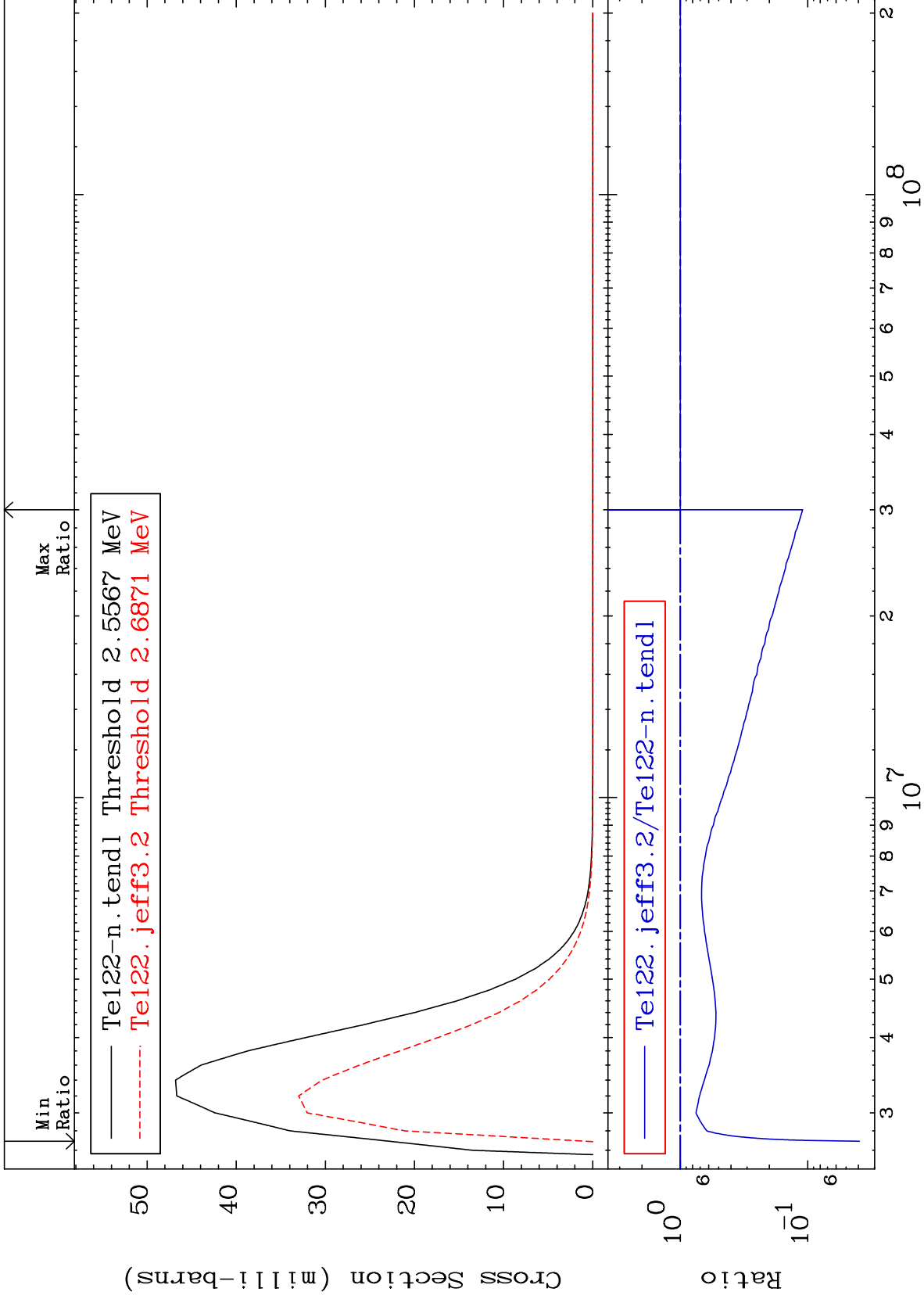
Cross Section



MAT 5231

2.536 MeV (n,n') Level
Cross Section

52-Te-122
-96.07 To 0.000 %



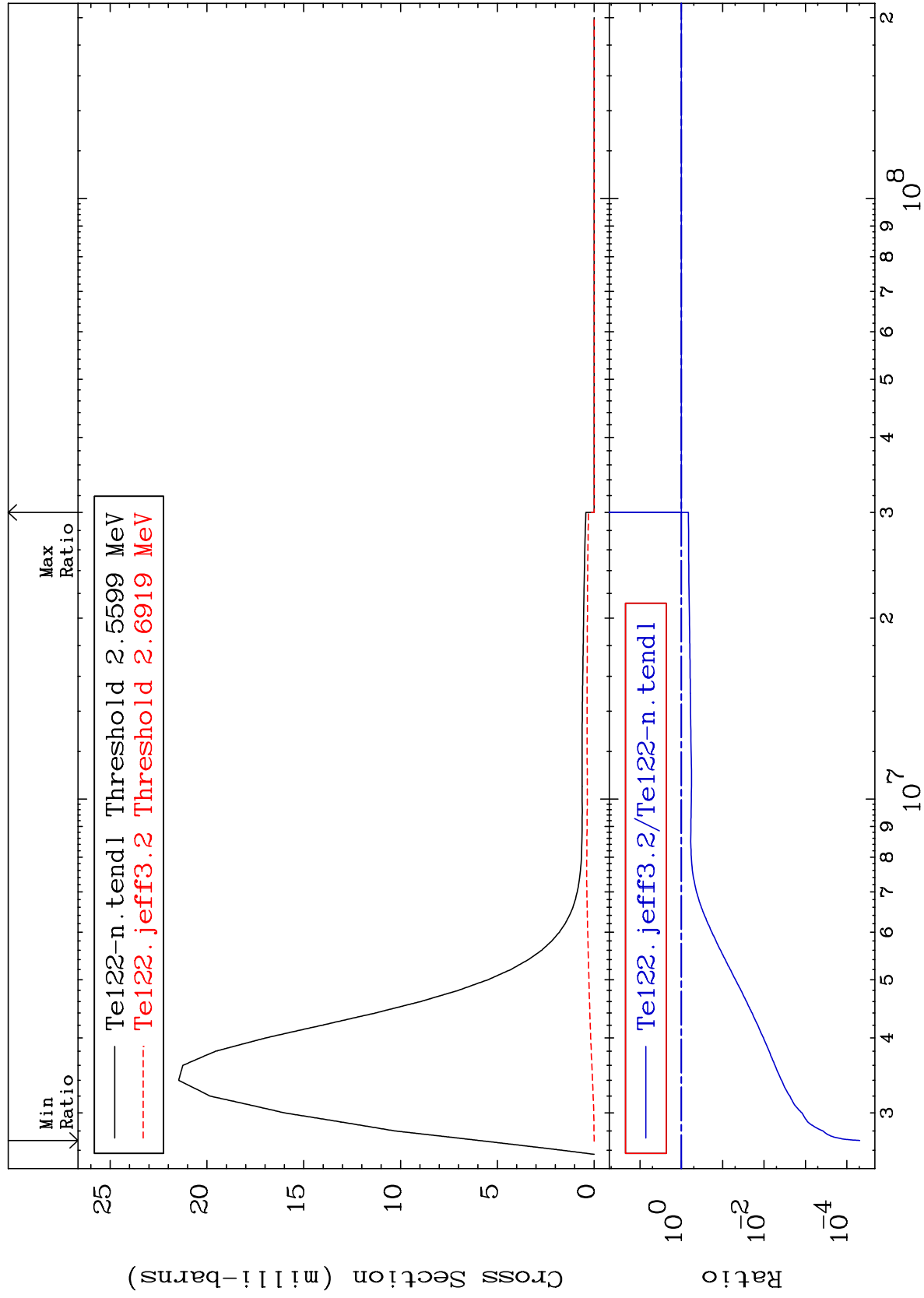
MAT 5231

2.539 MeV (n,n') Level

52-Te-122

-100.0 To 0.000 %

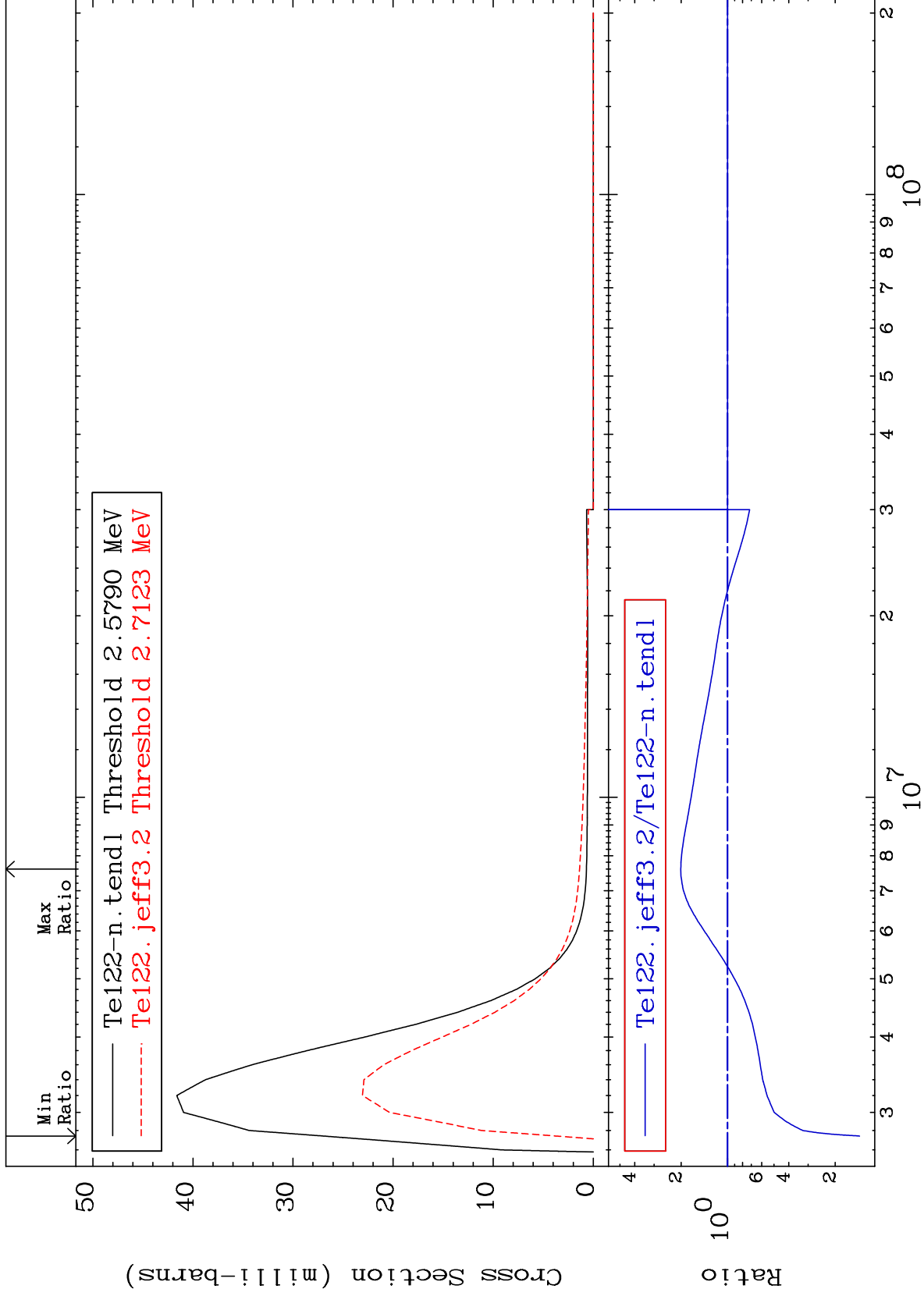
Cross Section



MAT 5231

2.558 MeV (n,n') Level
Cross Section

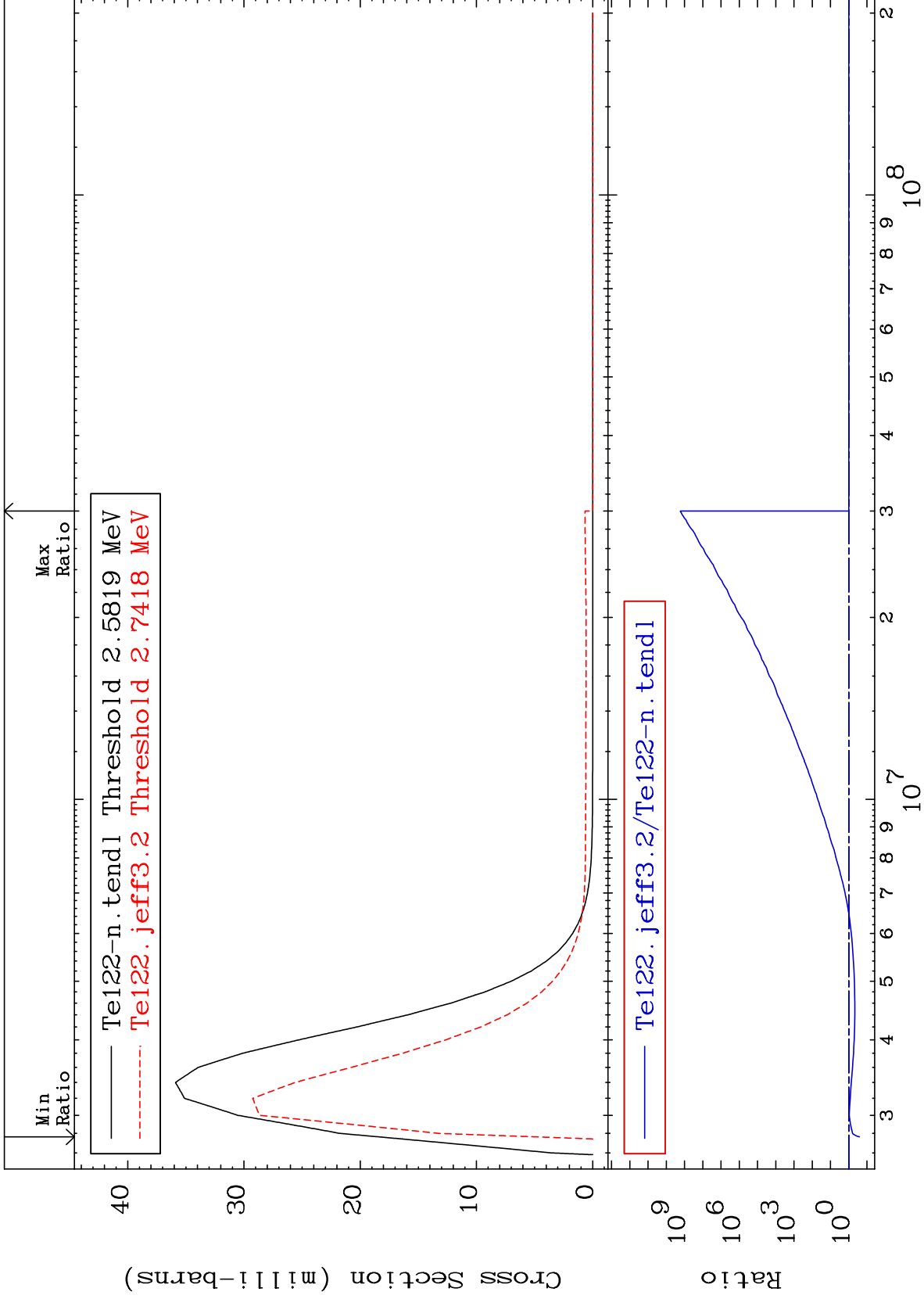
52-Te-122
-86.10 To 101.2 %



MAT 5231

2.561 MeV (n,n') Level
Cross Section

52-Te-122
-74.14 To 9999. %



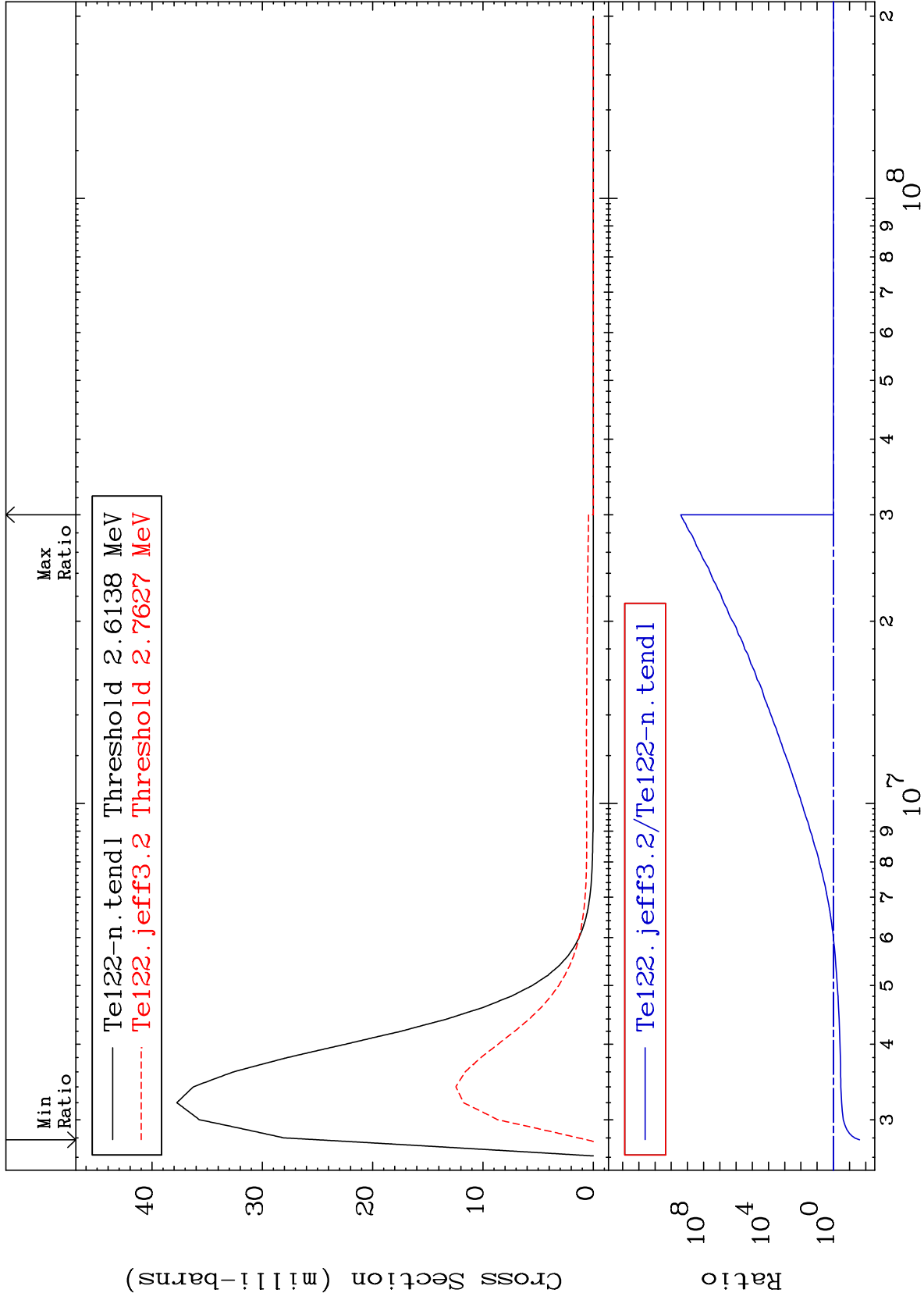
MAT 5231

2.592 MeV (n,n') Level

52-Te-122

-97.58 To 9999. %

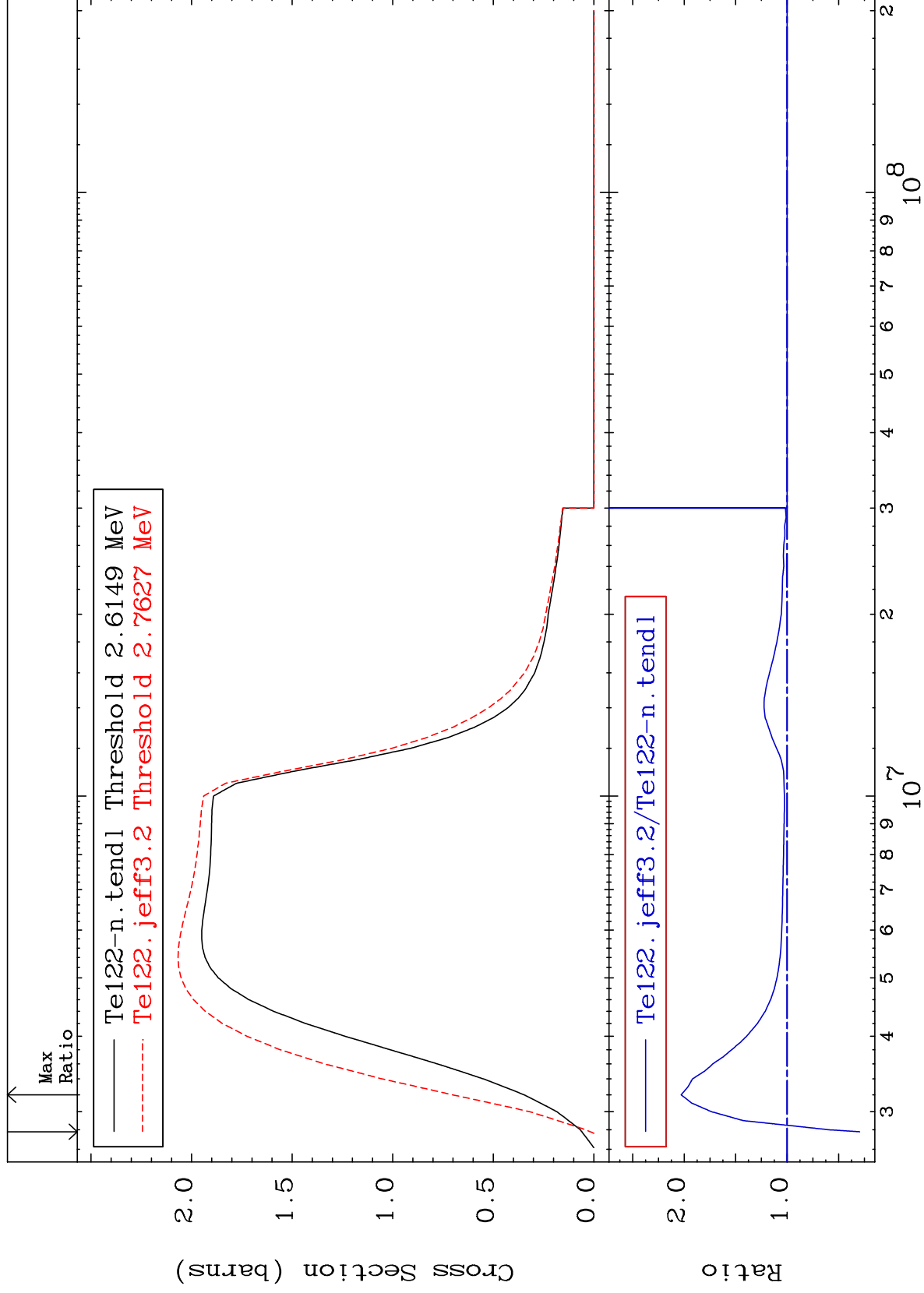
Cross Section



MAT 5231

(n, n') Continuum
Cross Section

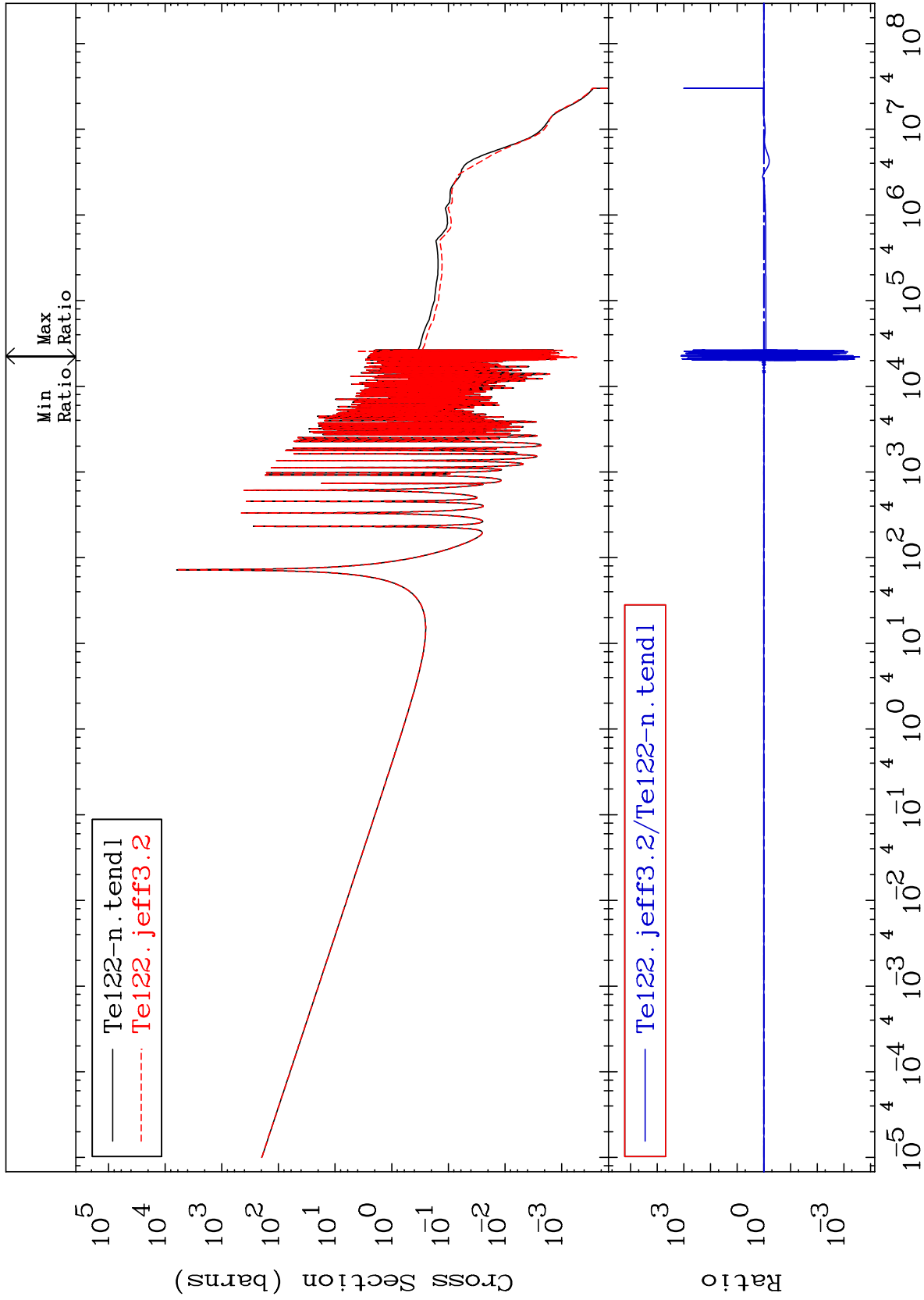
52-Te-122
-70.40 To 102.9 %



MAT 5231

(n, γ)
Cross Section

52-Te-122
-99.97 To 9999. %



50

Incident Energy (eV)

52-Te-122

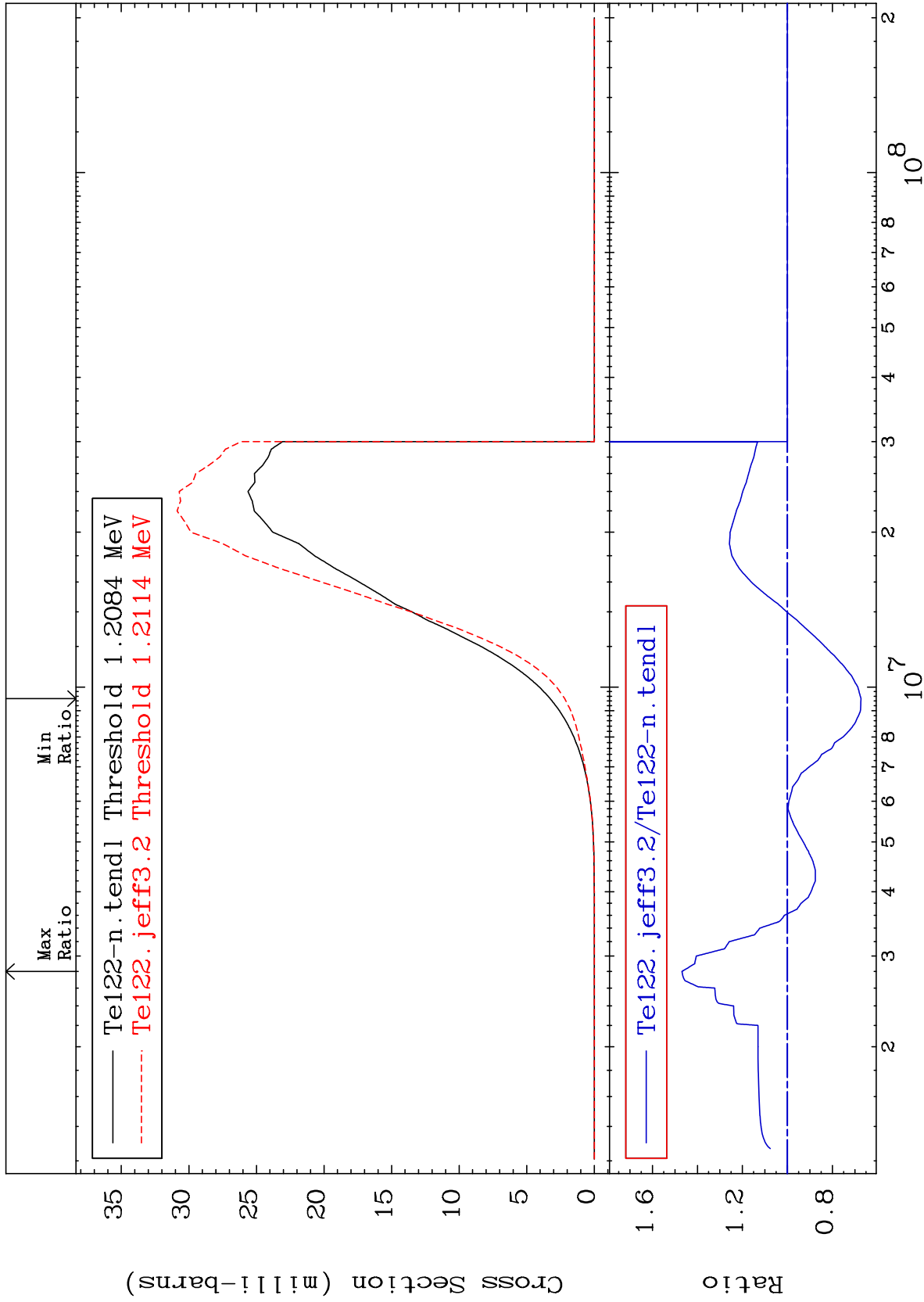
MAT 5231

(n,p)

52-Te-122

Cross Section

-32.73 To 46.89 %



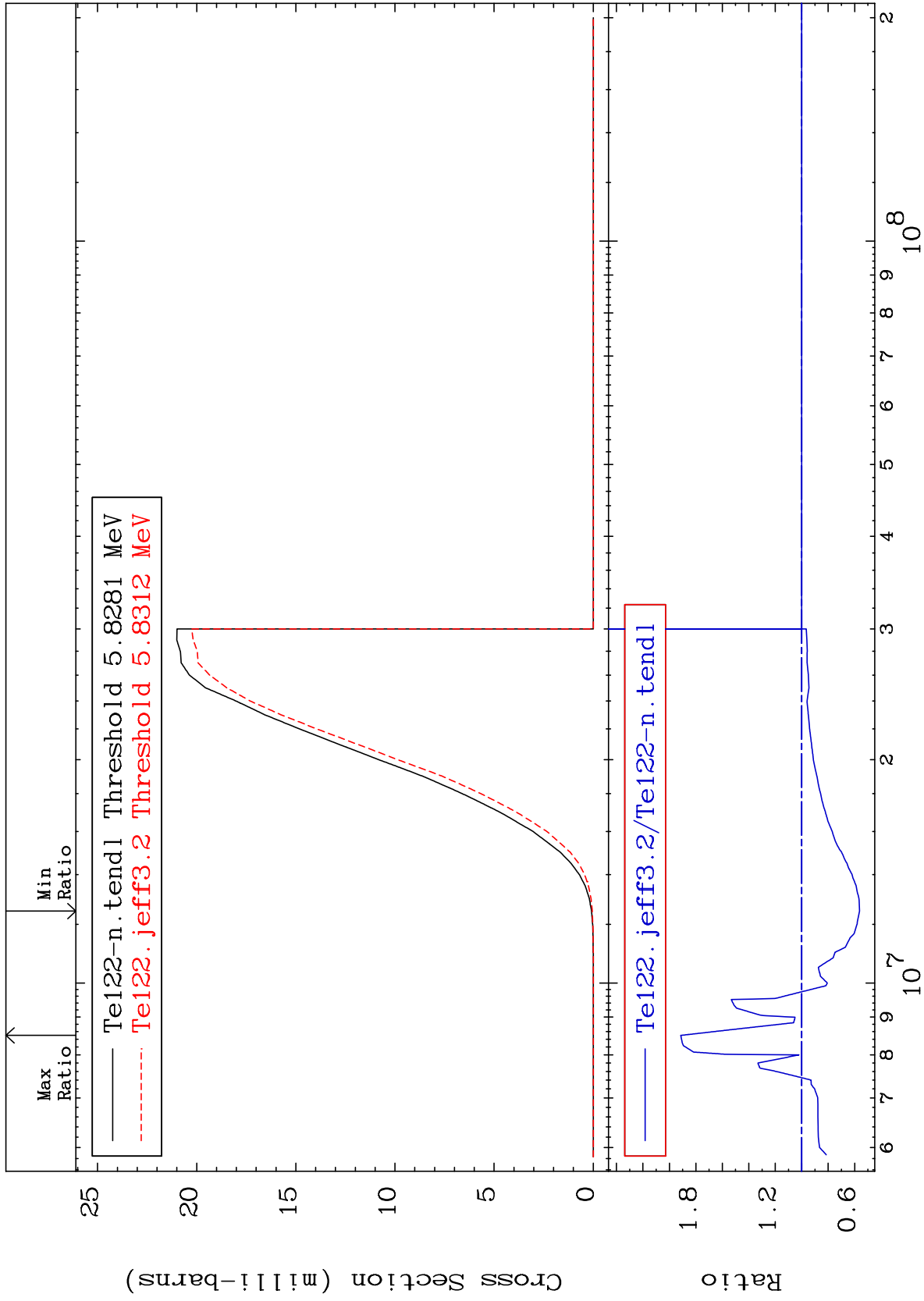
MAT 5231

(n, d)

52-Te-122

Cross Section

-43.69 To 91.41 %



52

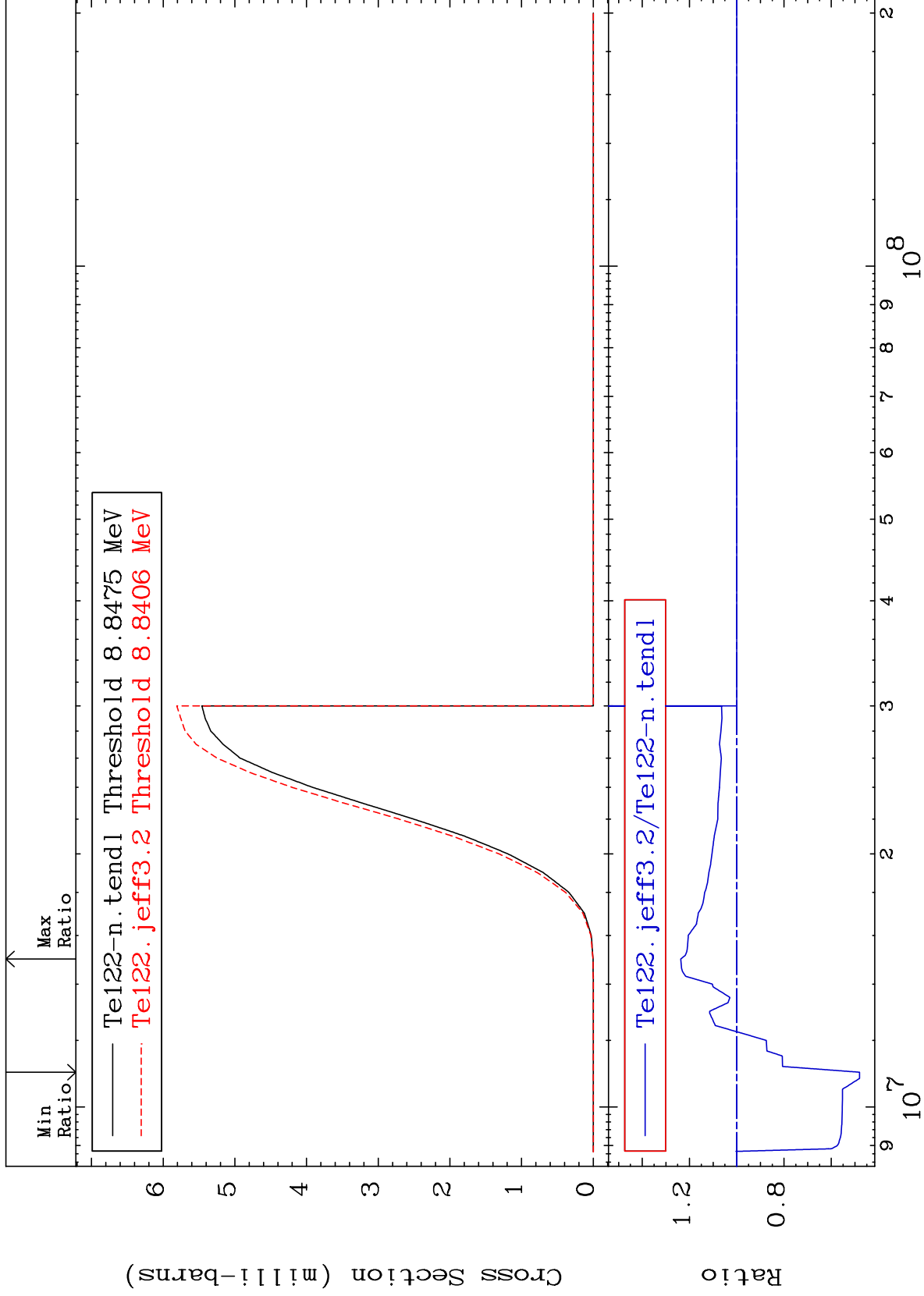
Incident Energy (eV)

52-Te-122

MAT 5231

(n, t)
Cross Section

52-Te-122
-51.96 To 23.70 %



53

52-Te-122

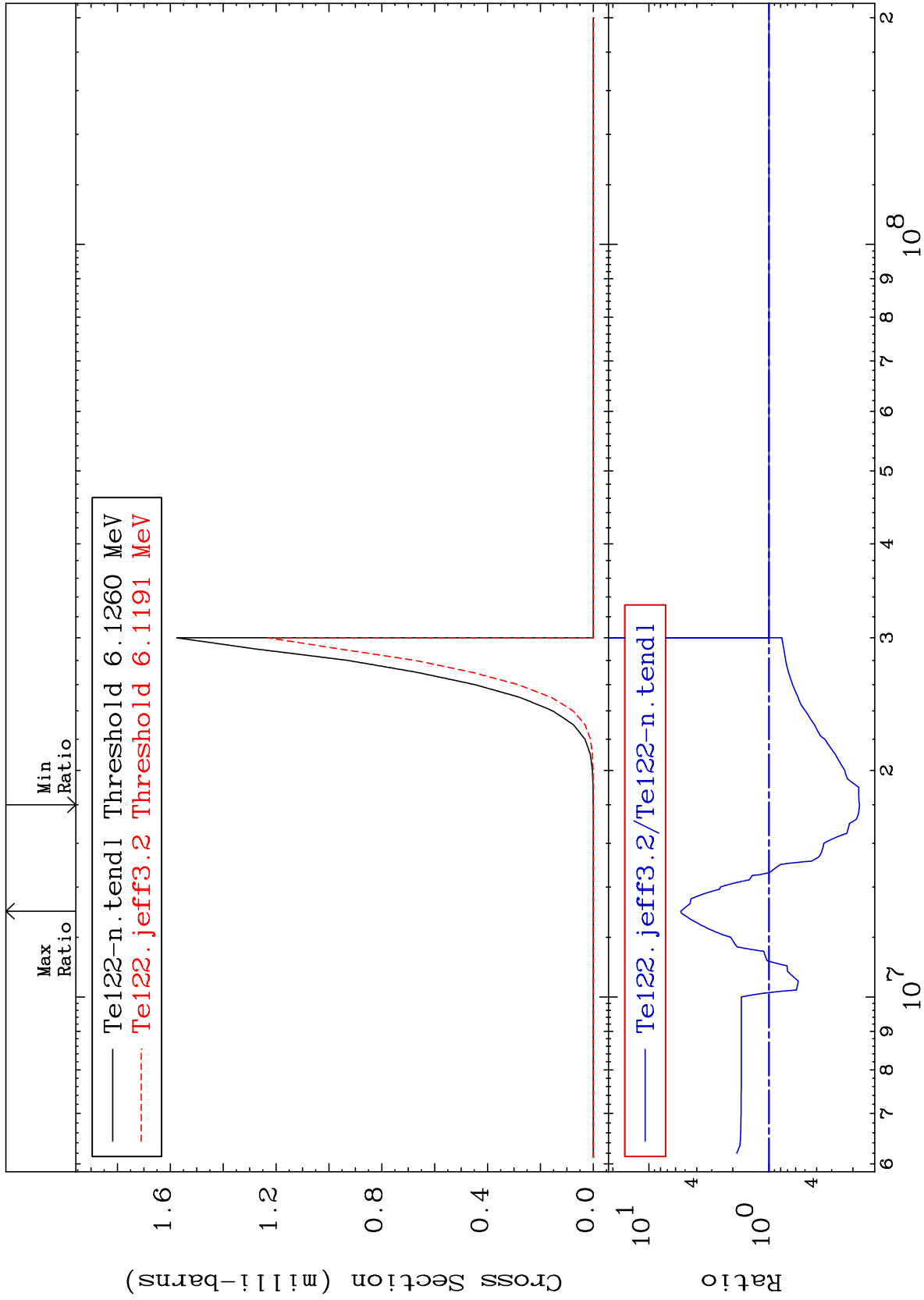
MAT 5231

(n, He-3)

52-Te-122

Cross Section

-82.42 To 442.6 %



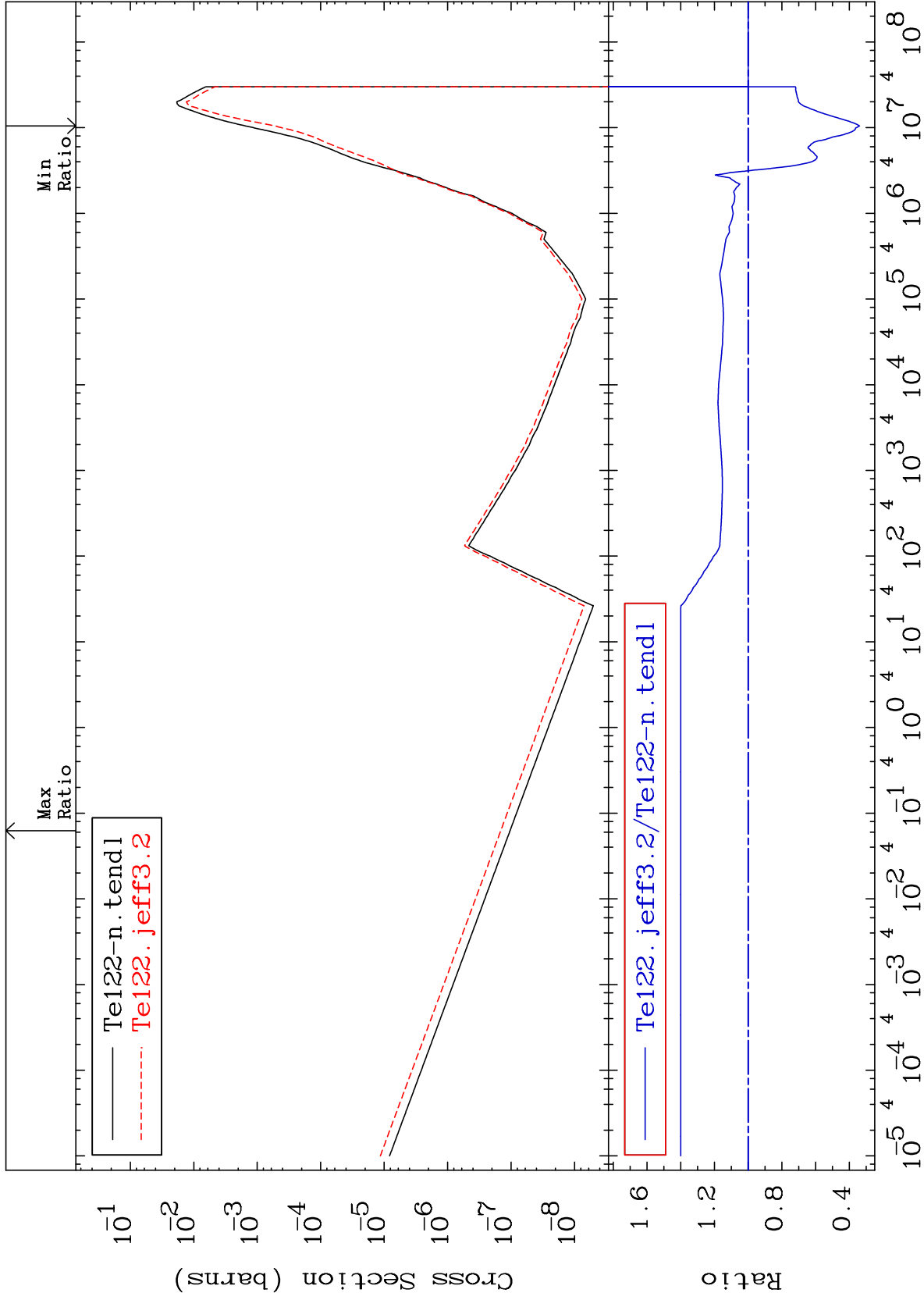
MAT 5231

(n, α)

52-Te-122

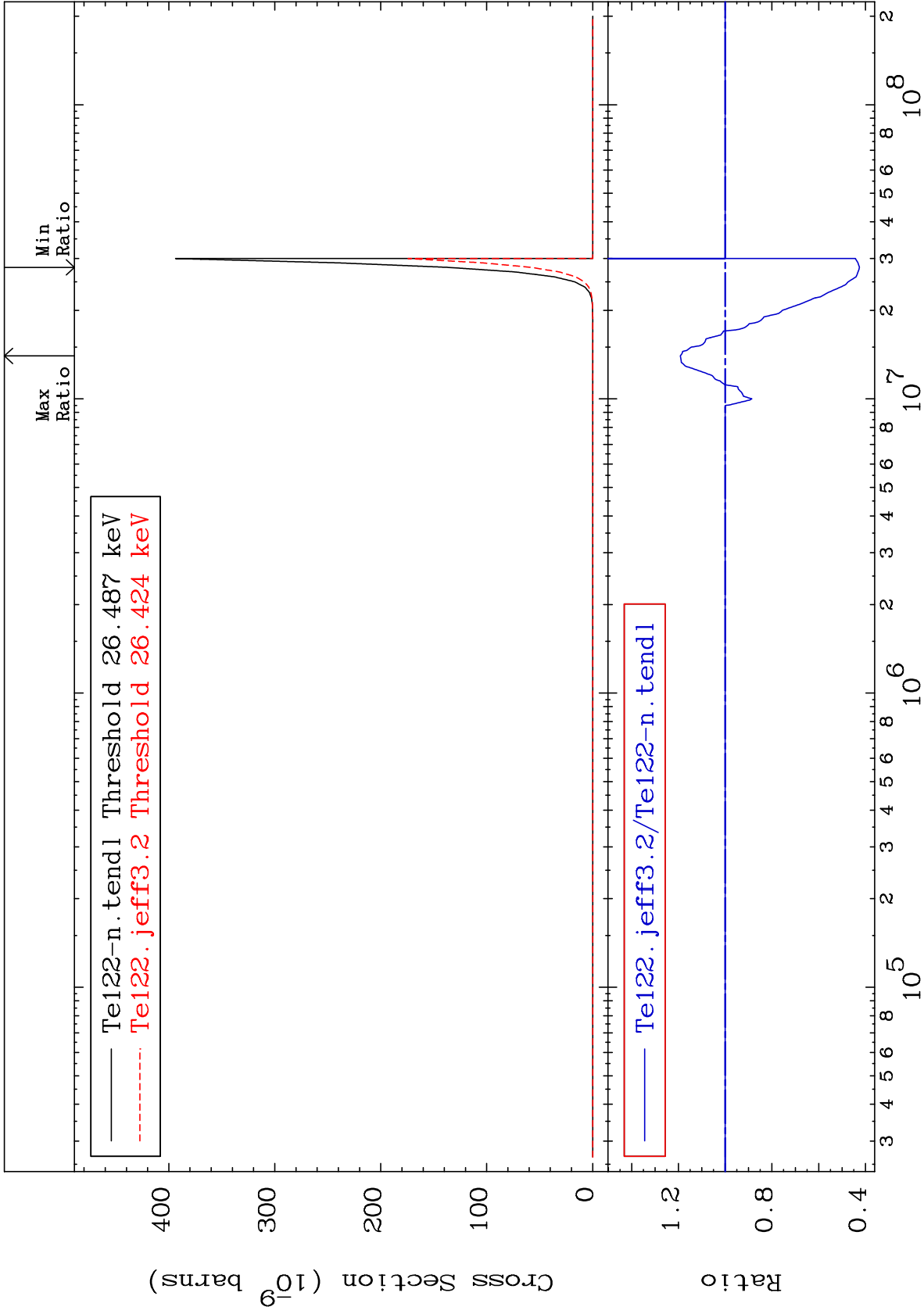
Cross Section

-66.02 To 40.00 %



Cross Section

-57.42 To 19.17 %



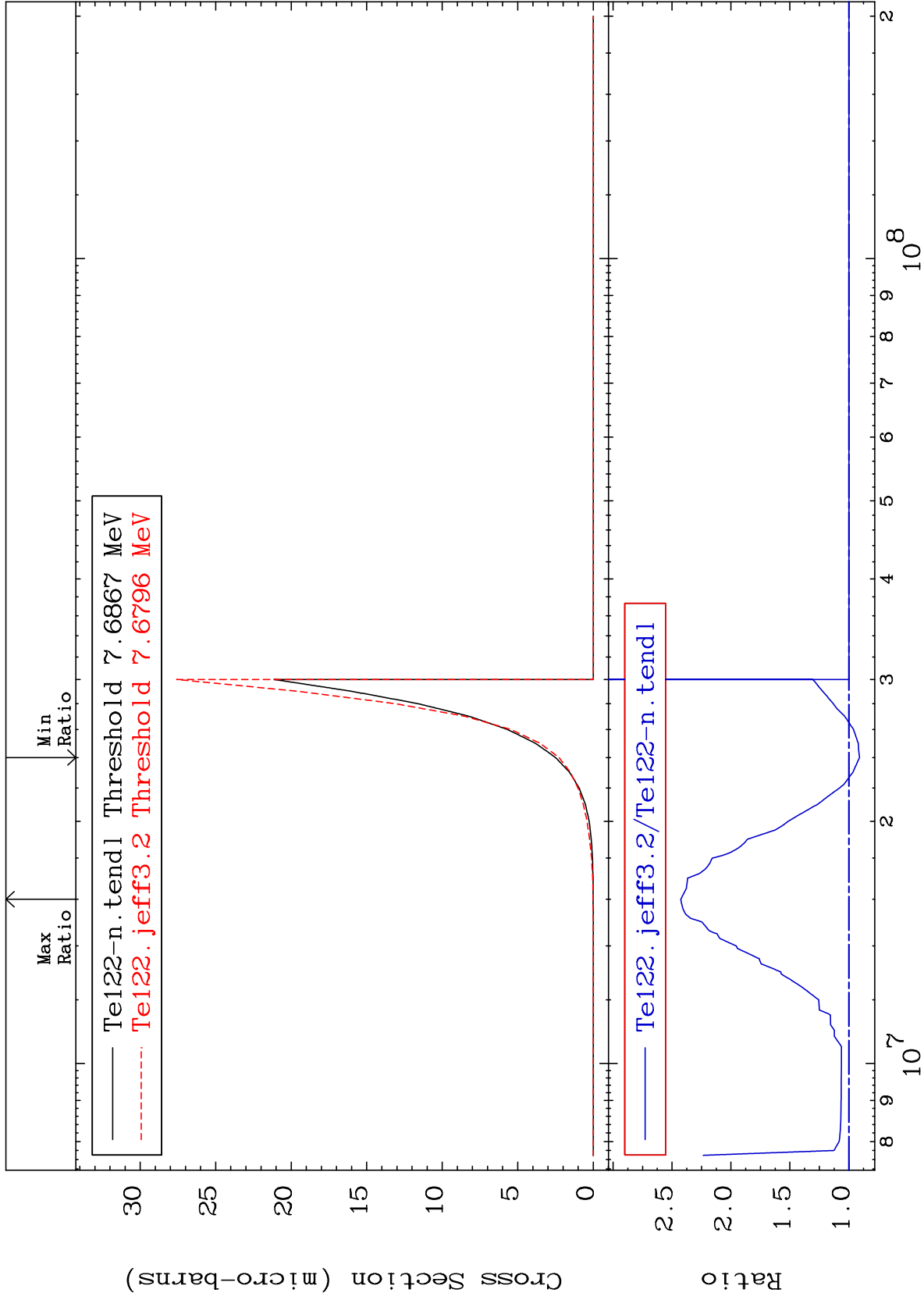
MAT 5231

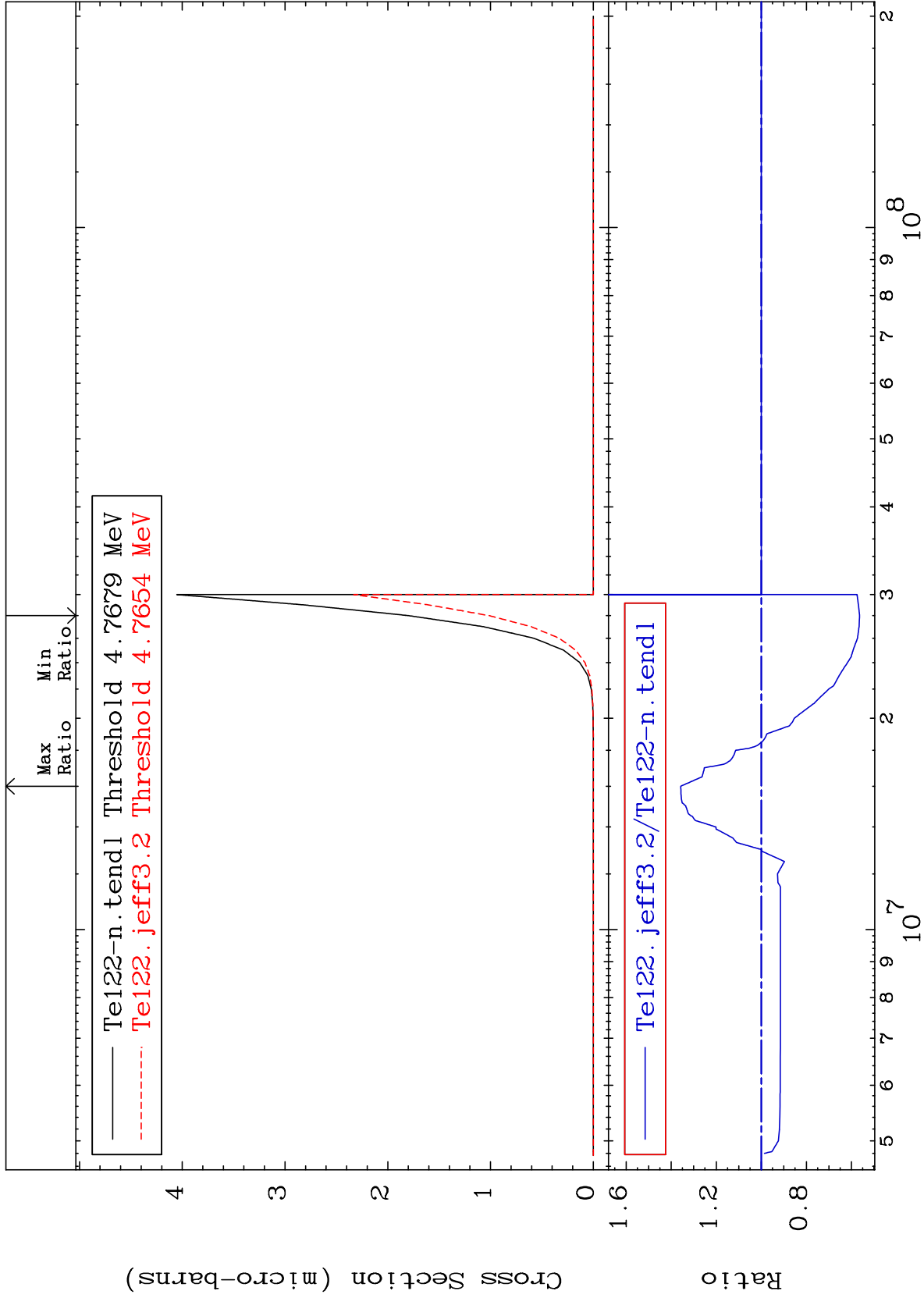
(n,2p)

52-Te-122

Cross Section

-9.095 To 142.6 %

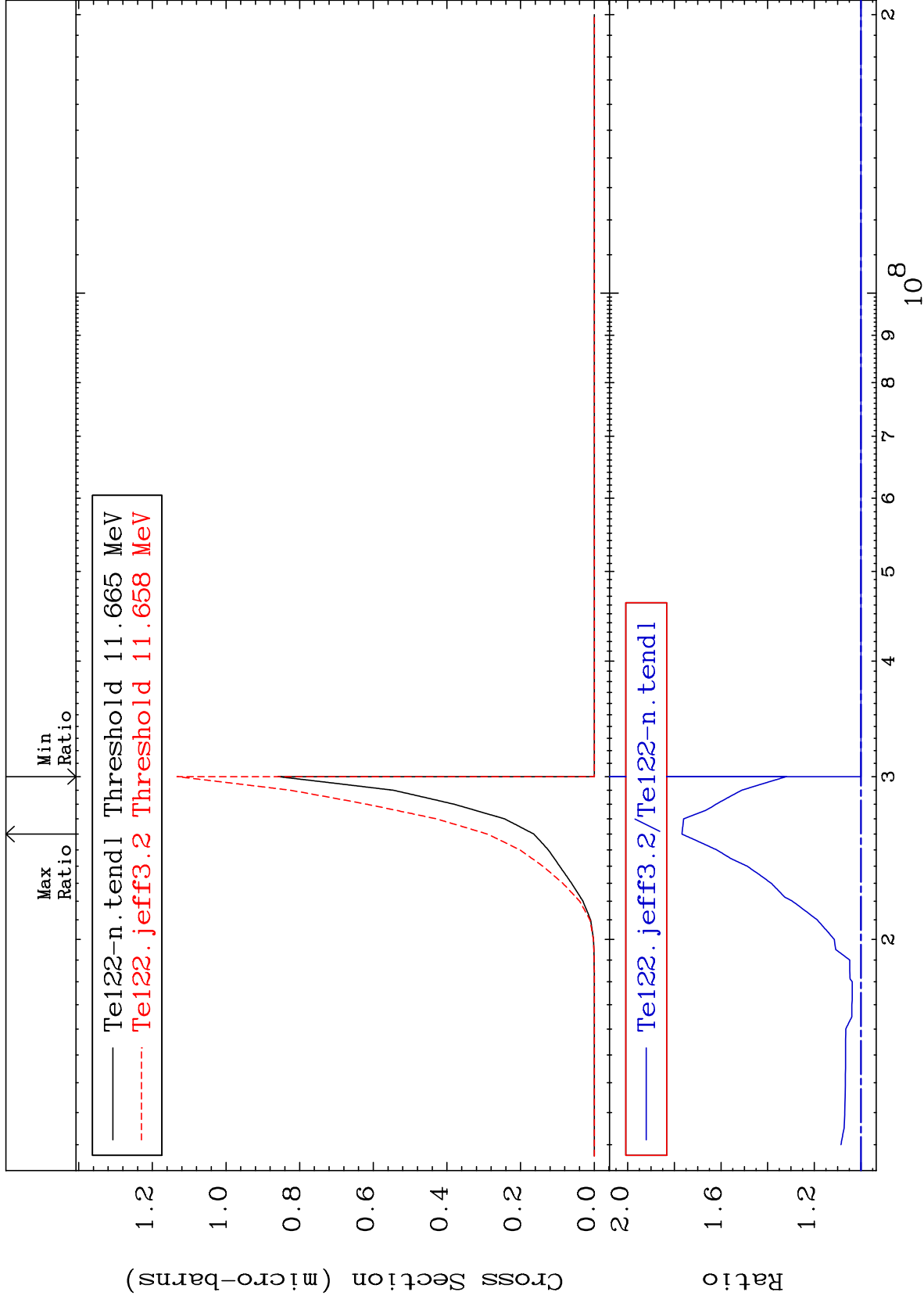




MAT 5231

(n,p) d
Cross Section

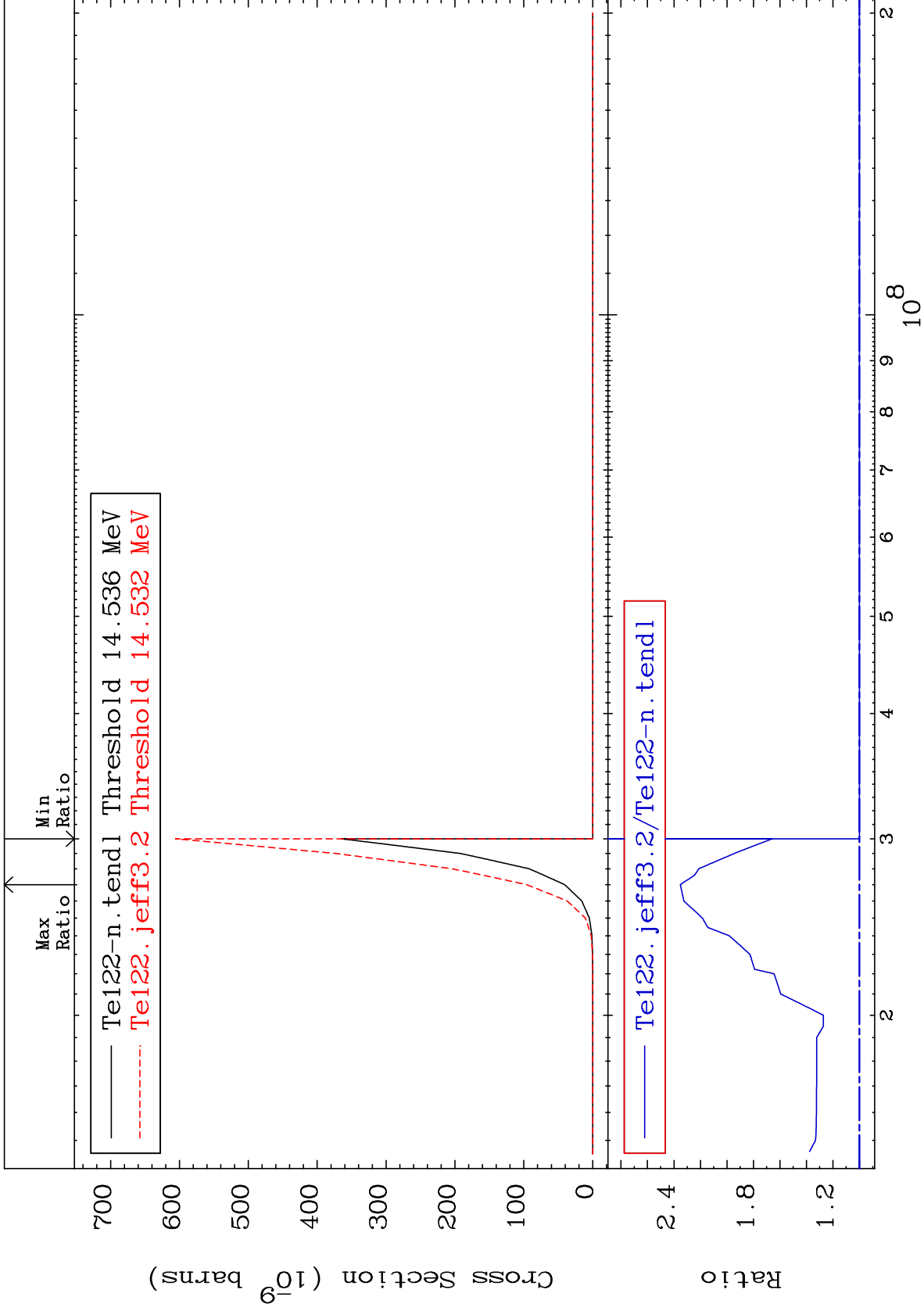
52-Te-122
0.000 To 76.76 %



MAT 5231

(n,p) t
Cross Section

52-Te-122
To 135.2 %



60

Incident Energy (eV)

52-Te-122

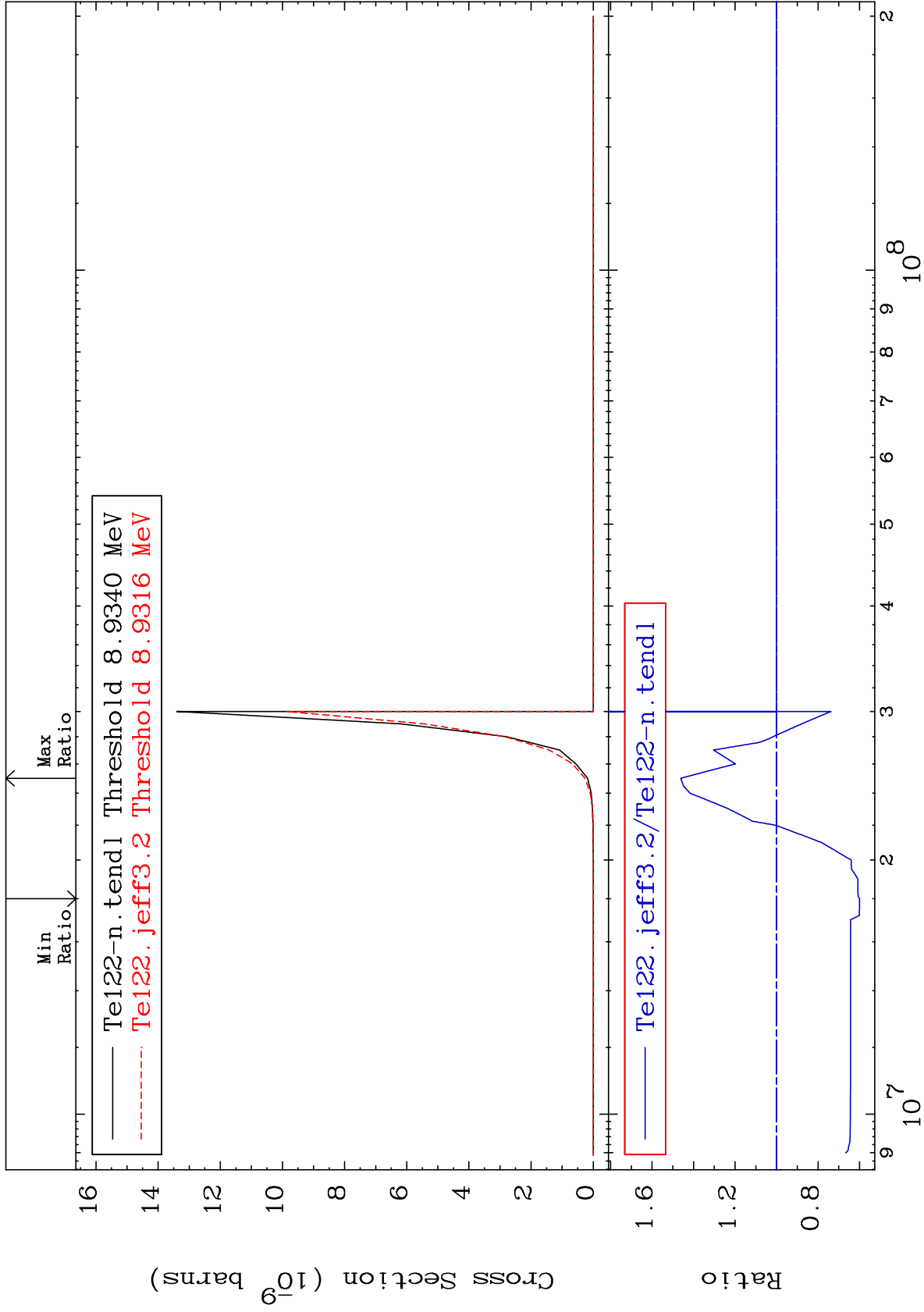
MAT 5231

(n,d) α

52-Te-122

Cross Section

-40.01 To 46.16 %



61

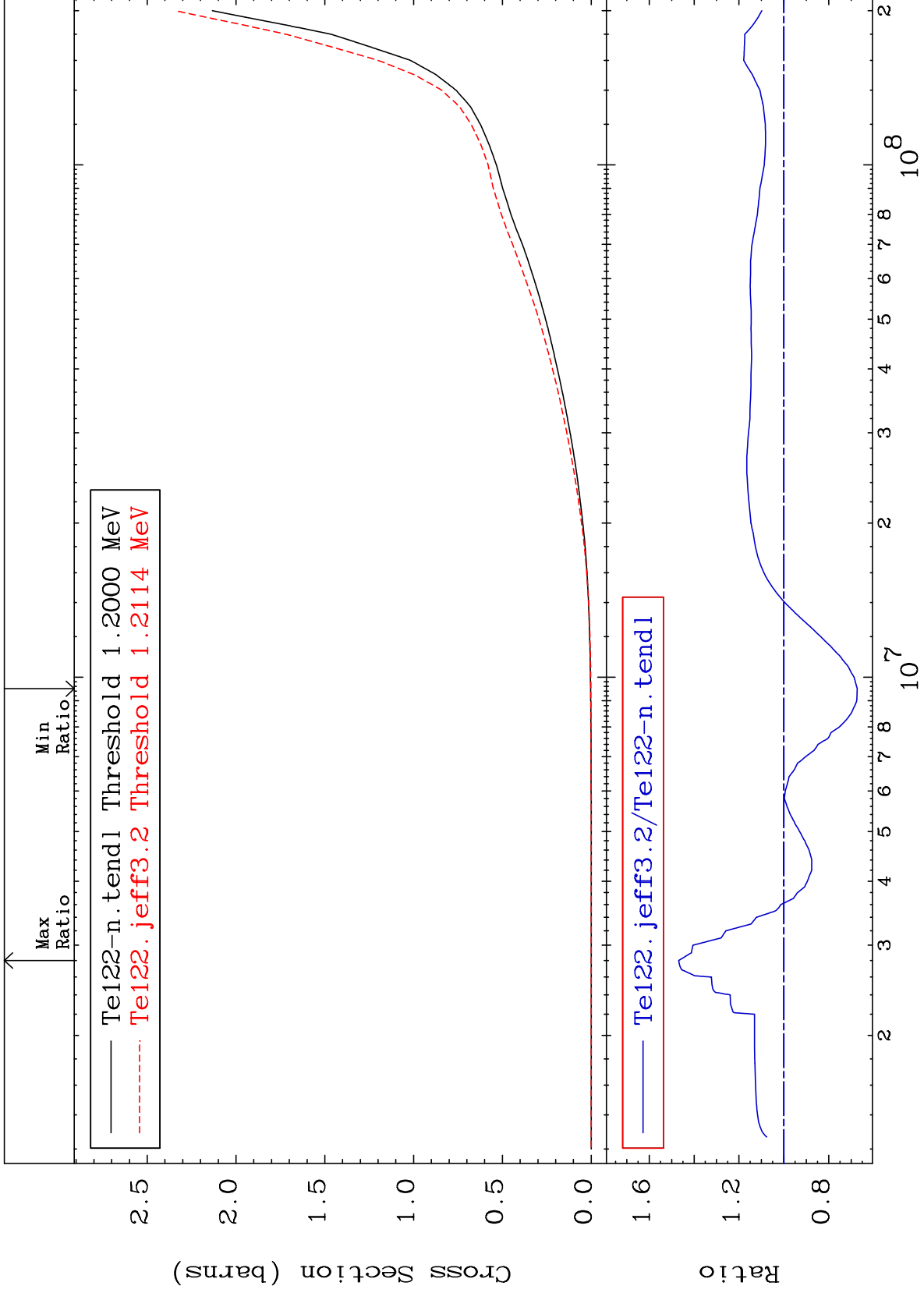
Incident Energy (eV)

52-Te-122

MAT 5231

Hydrogen Production
Cross Section

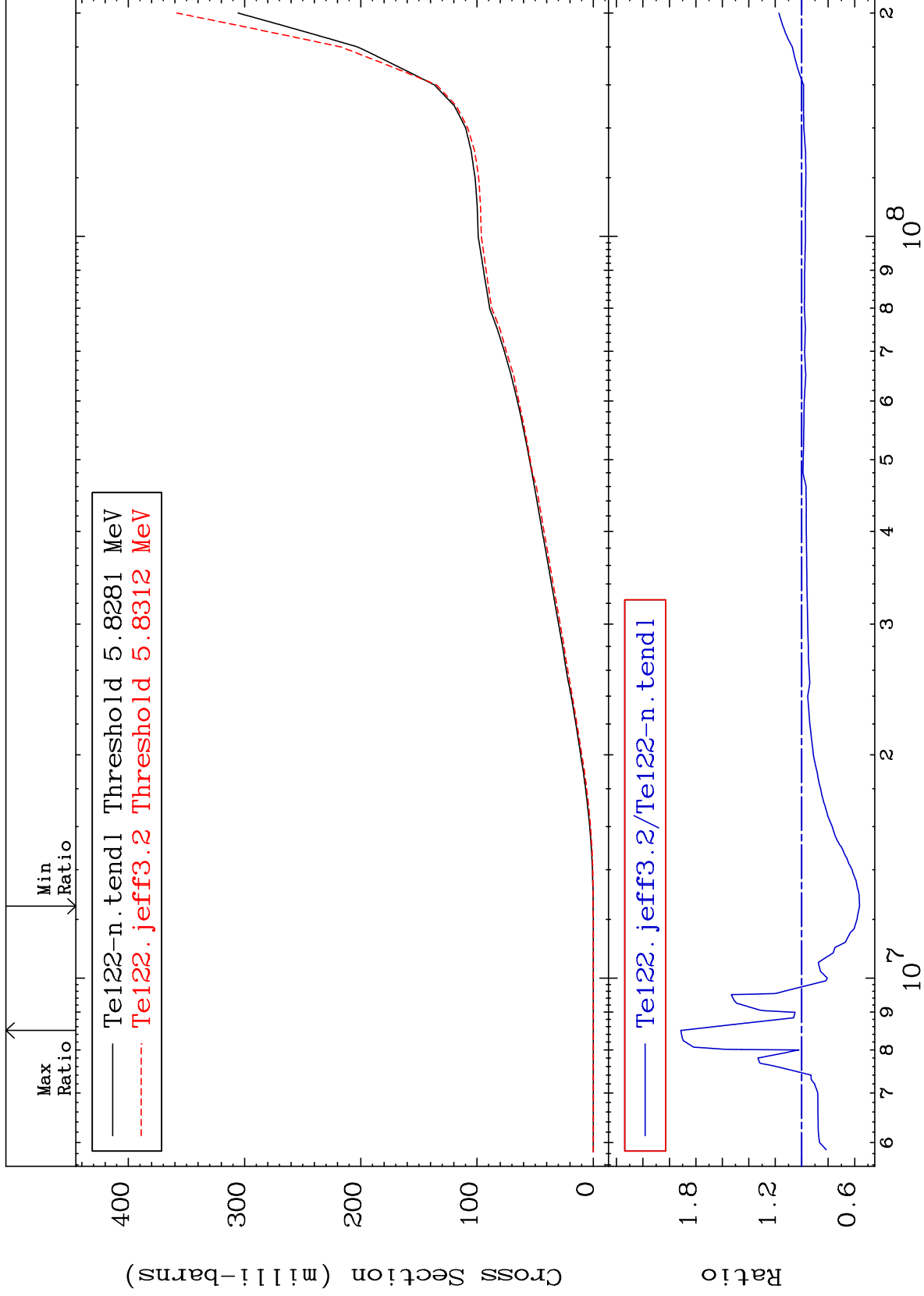
52-Te-122
-32.73 To 46.89 %



MAT 5231

Deuterium Production
Cross Section

52-Te-122
-43.69 To 91.41 %



63

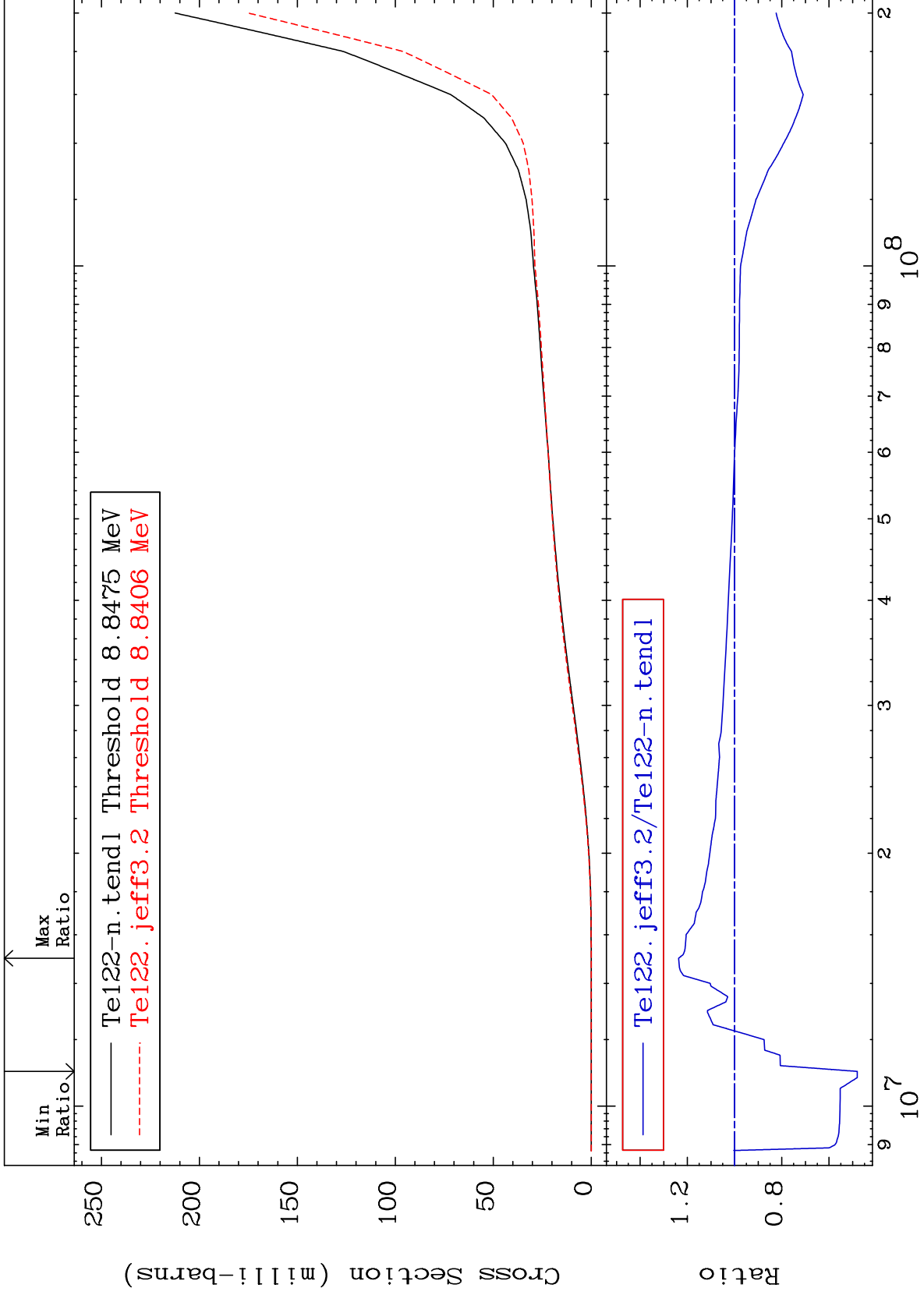
Incident Energy (eV)

52-Te-122

MAT 5231

Tritium Production
Cross Section

52-Te-122
-51.96 To 23.70 %



64

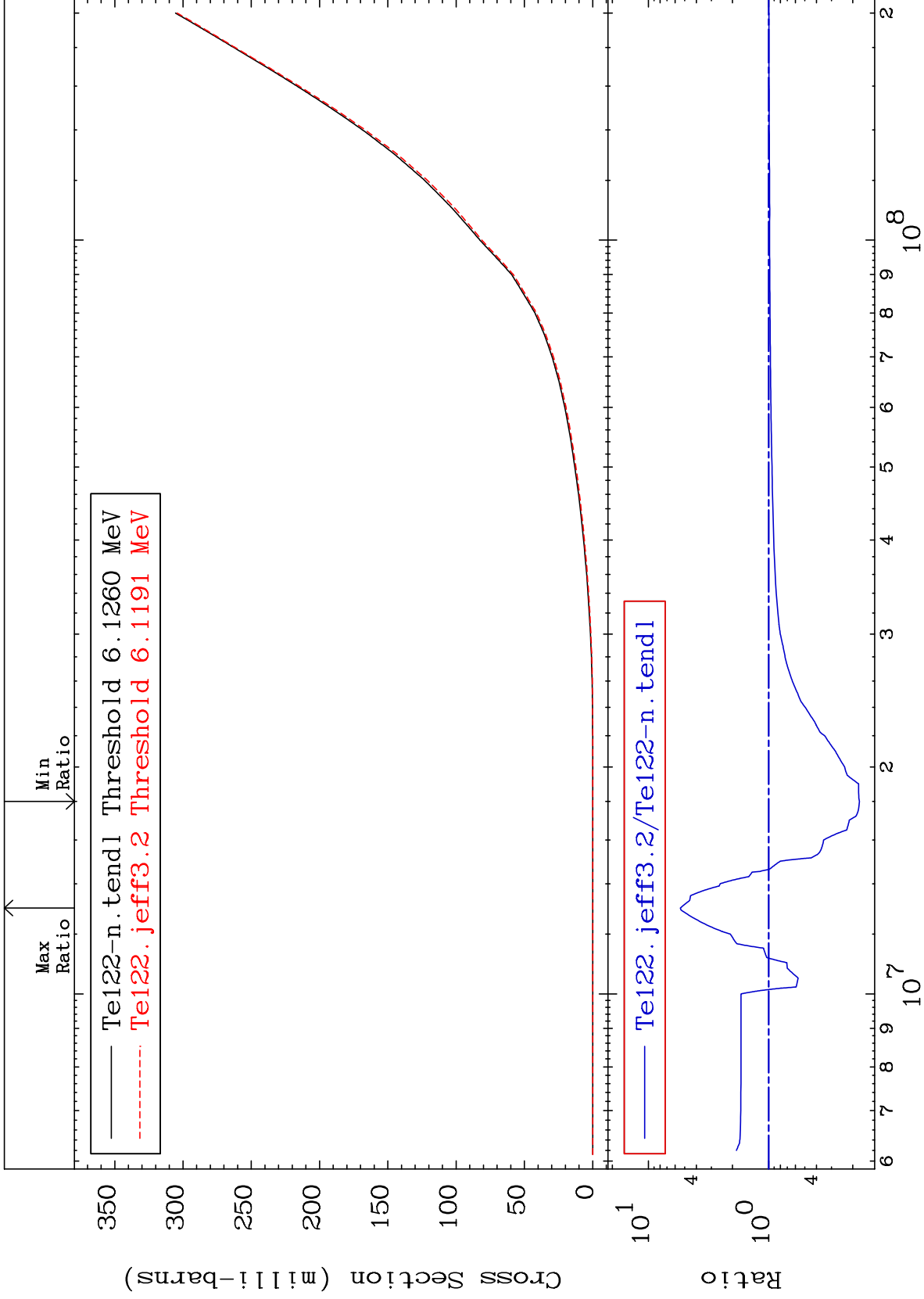
Incident Energy (eV)

52-Te-122

MAT 5231

He-3 Production
Cross Section

52-Te-122
-82.42 To 442.6 %



65

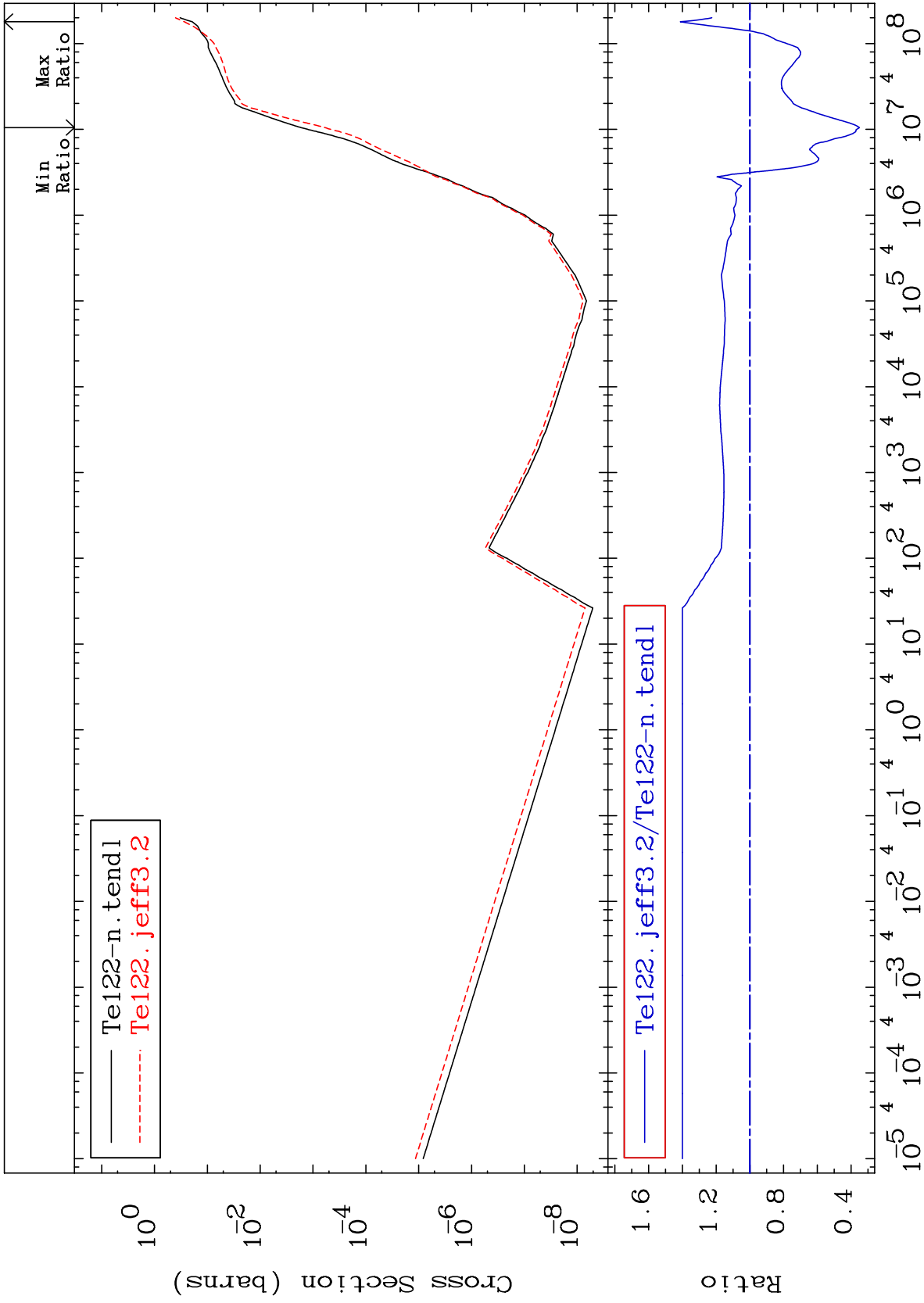
Incident Energy (eV)

52-Te-122

MAT 5231

He-4 Production
Cross Section

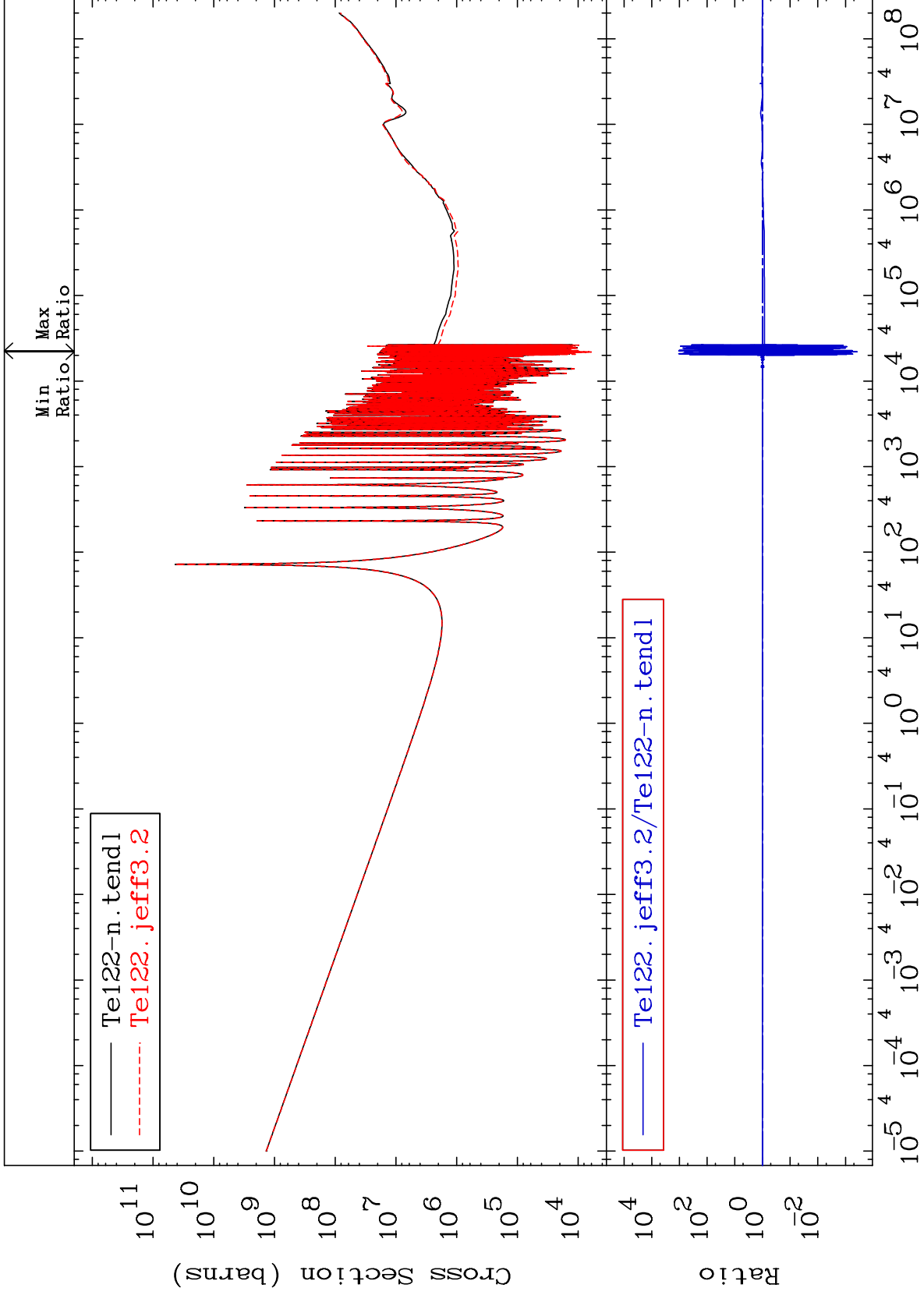
52-Te-122
-64.92 To 41.17 %



MAT 5231

Kerma total (eV-barns)
Cross Section

52-Te-122
-99.96 To 9999. %



67

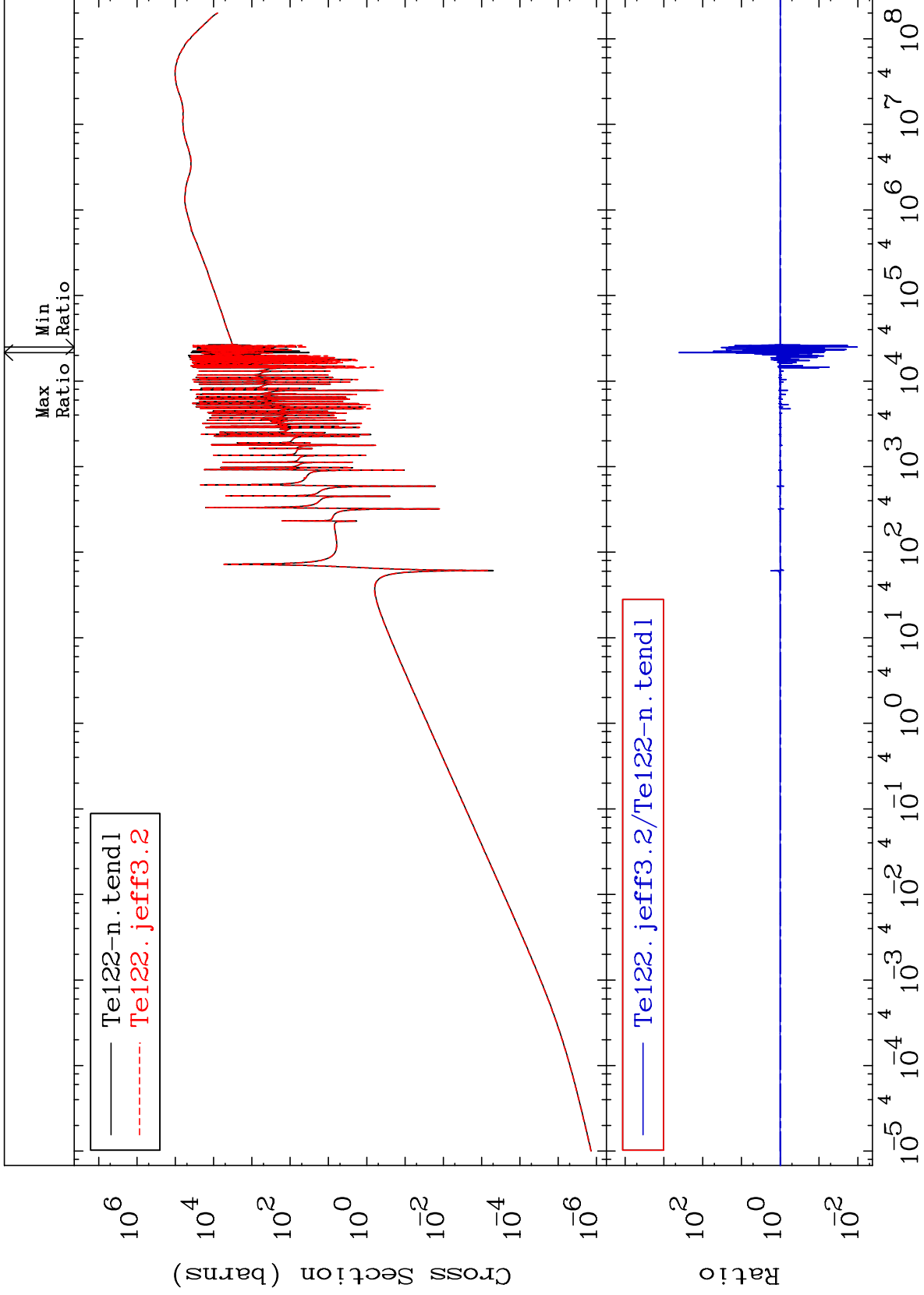
Incident Energy (eV)

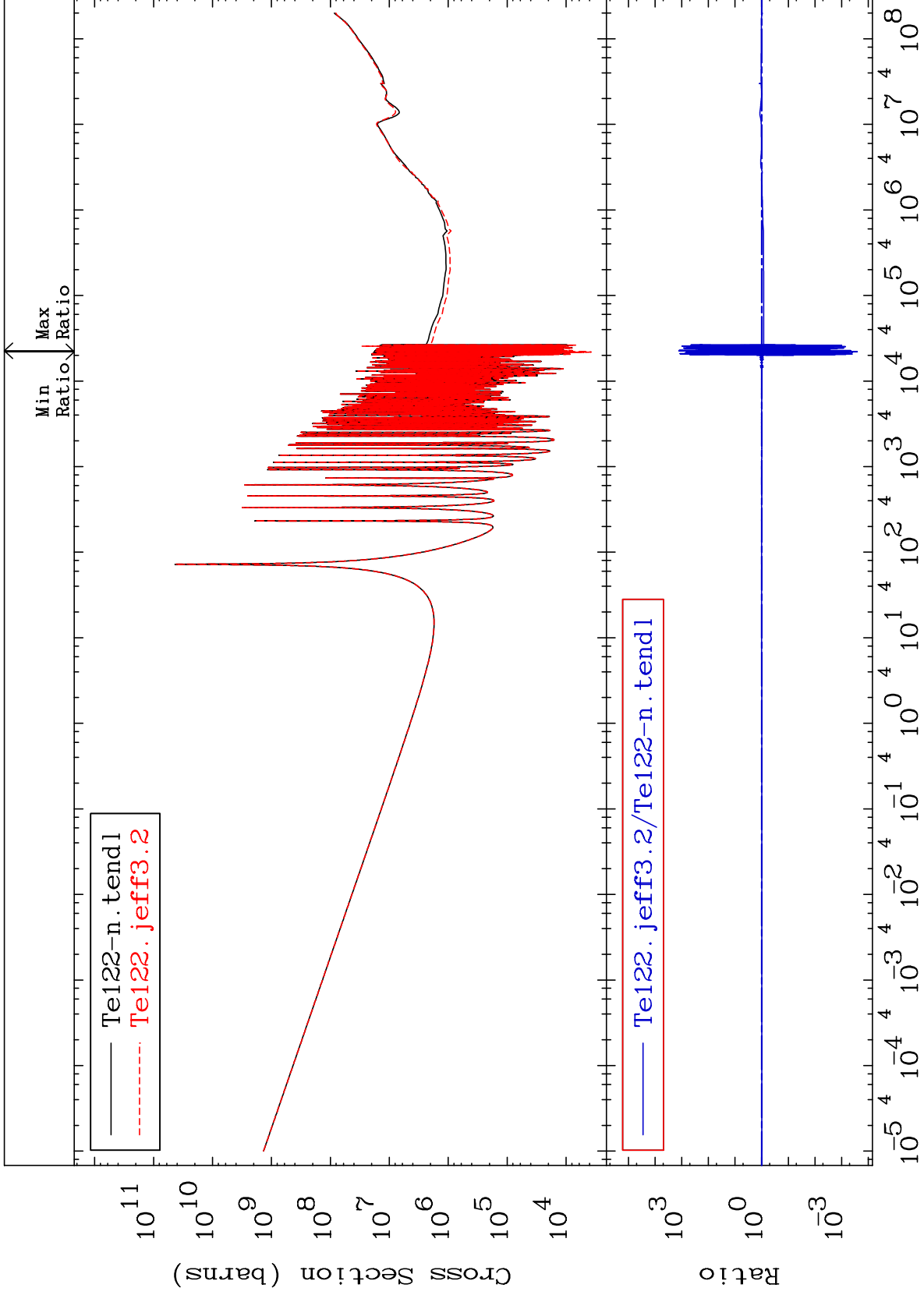
52-Te-122

MAT 5231

Kerma elastic
Cross Section

52-Te-122
-98.97 To 9999. %

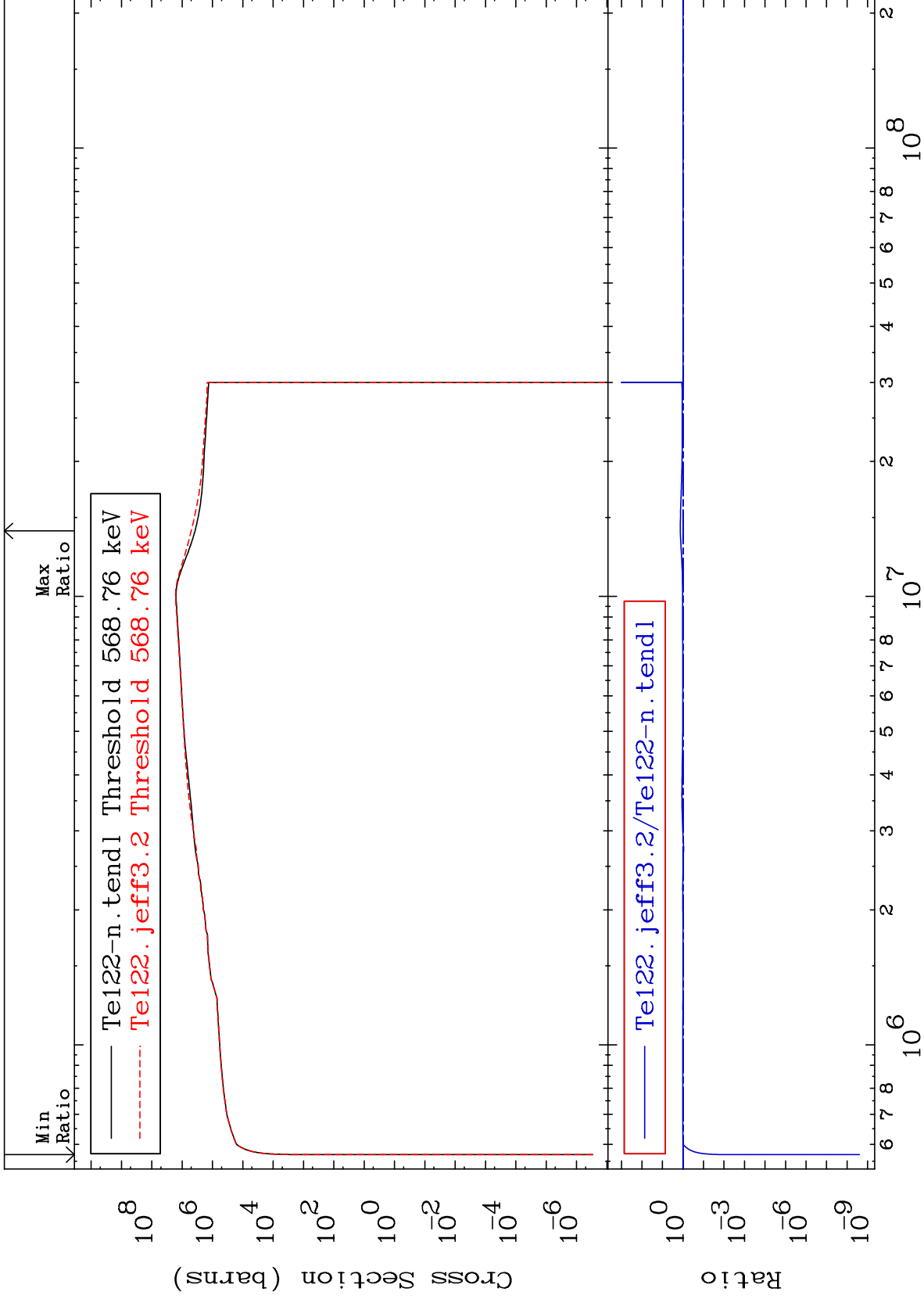




MAT 5231

Kerma inelastic (mt51-91)
Cross Section

52-Te-122
-100.0 To 33.91 %



70

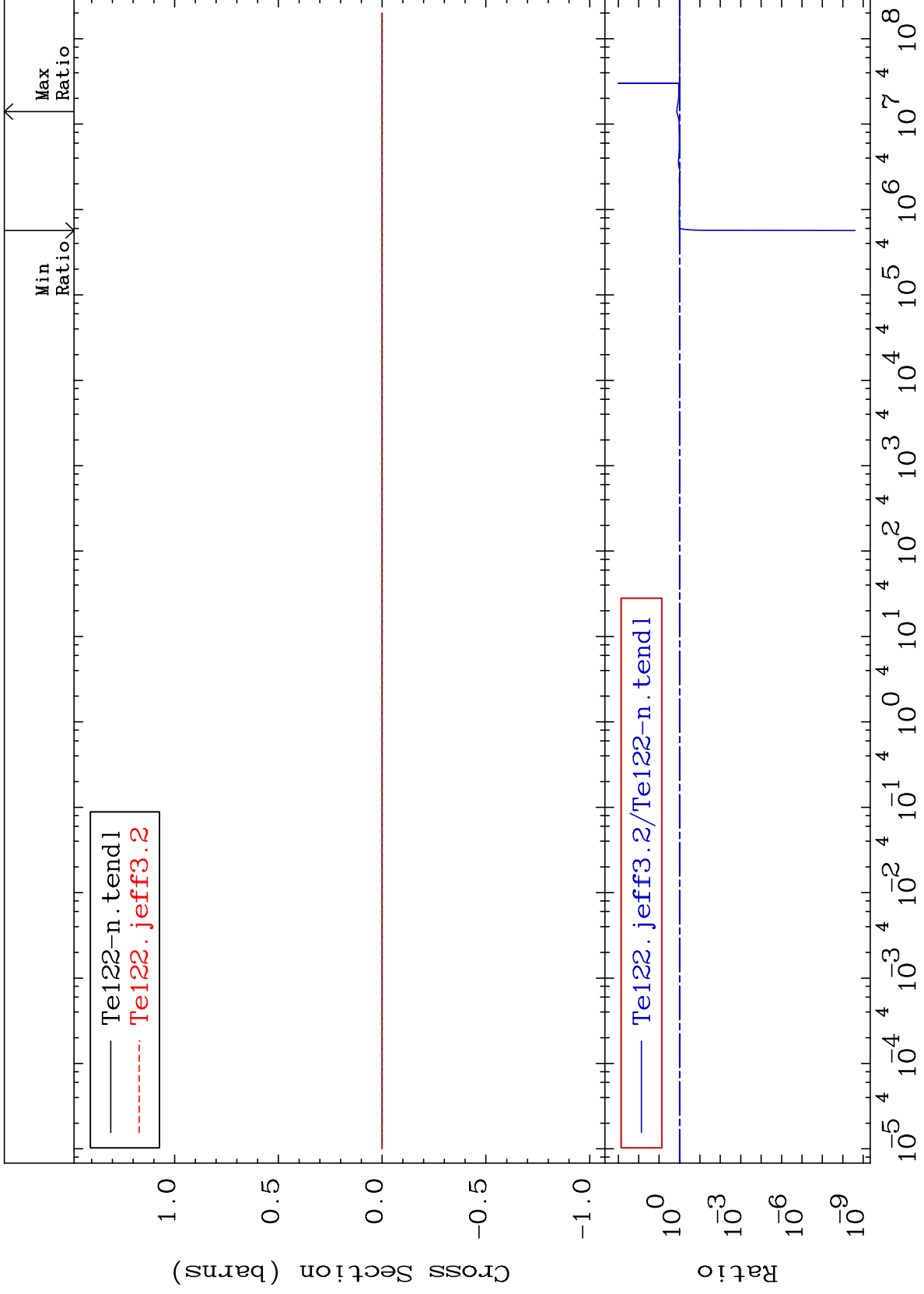
Incident Energy (eV)

52-Te-122

MAT 5231

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

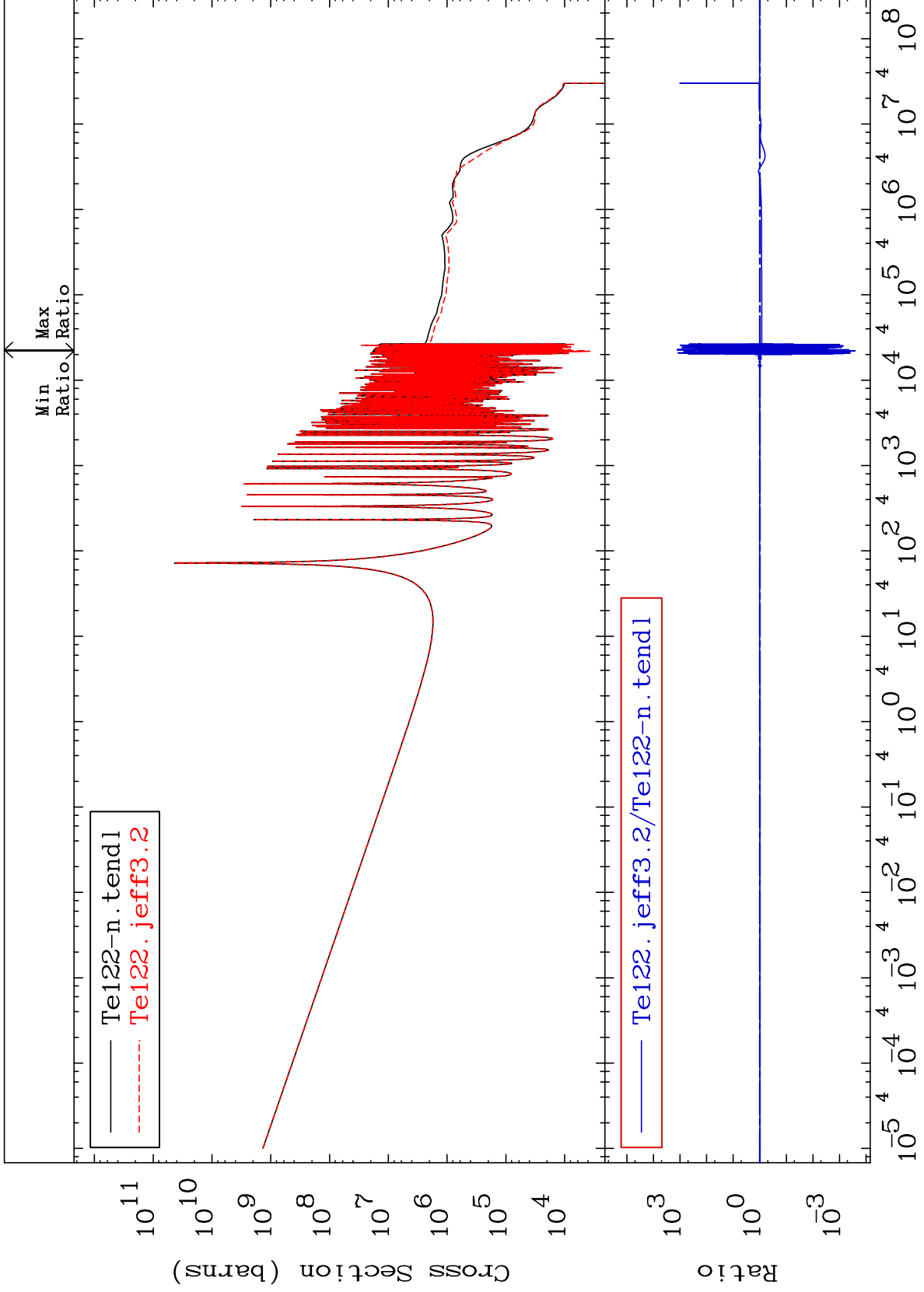
52-Te-122
-100.0 To 33.91 %



MAT 5231

Kerma capture (mt102)
Cross Section

52-Te-122
-99.97 To 9999. %



72

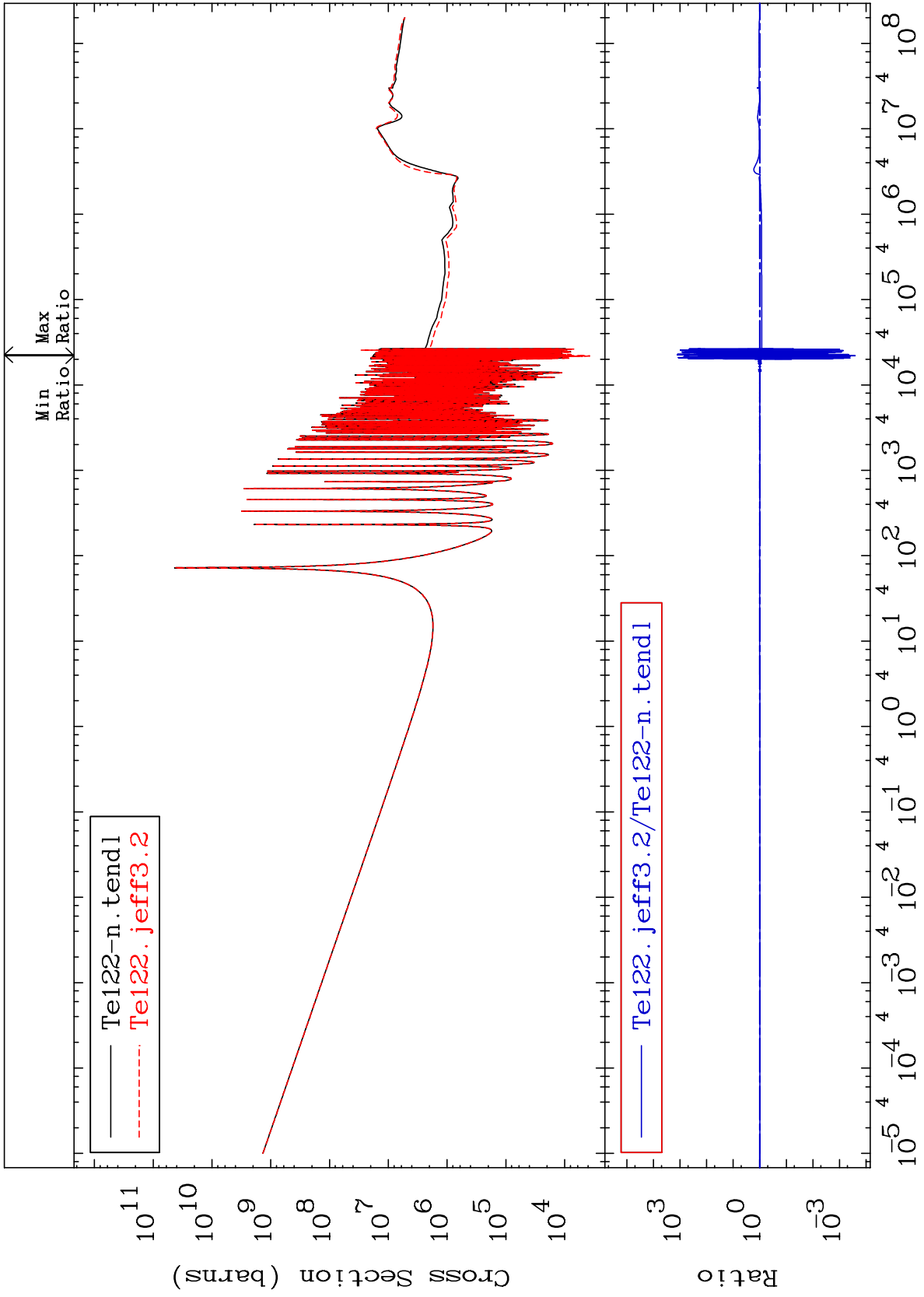
Incident Energy (eV)

52-Te-122

MAT 5231

Total photon (eV-barns)
Cross Section

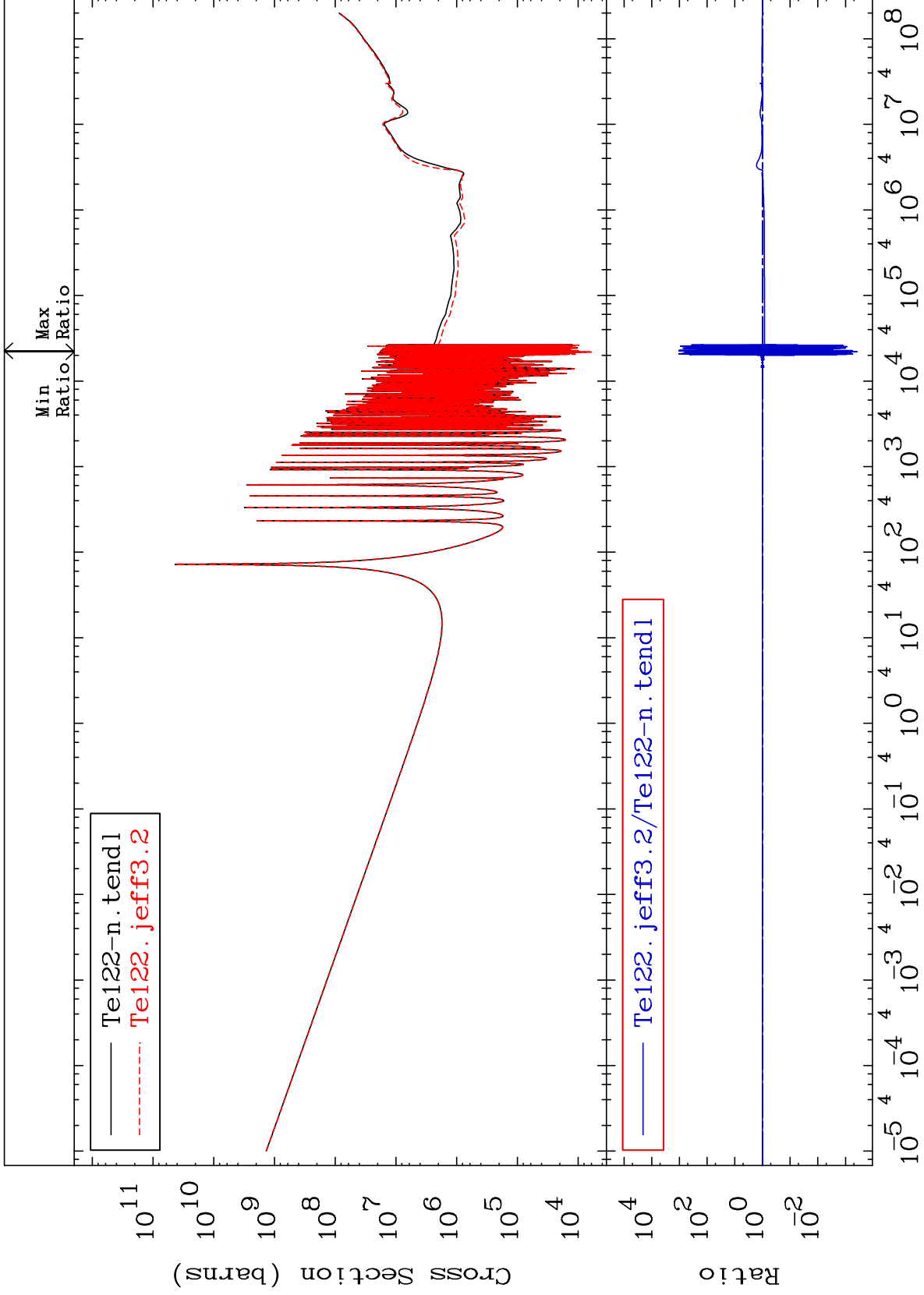
52-Te-122
-99.97 To 9999. %



73

Incident Energy (eV)

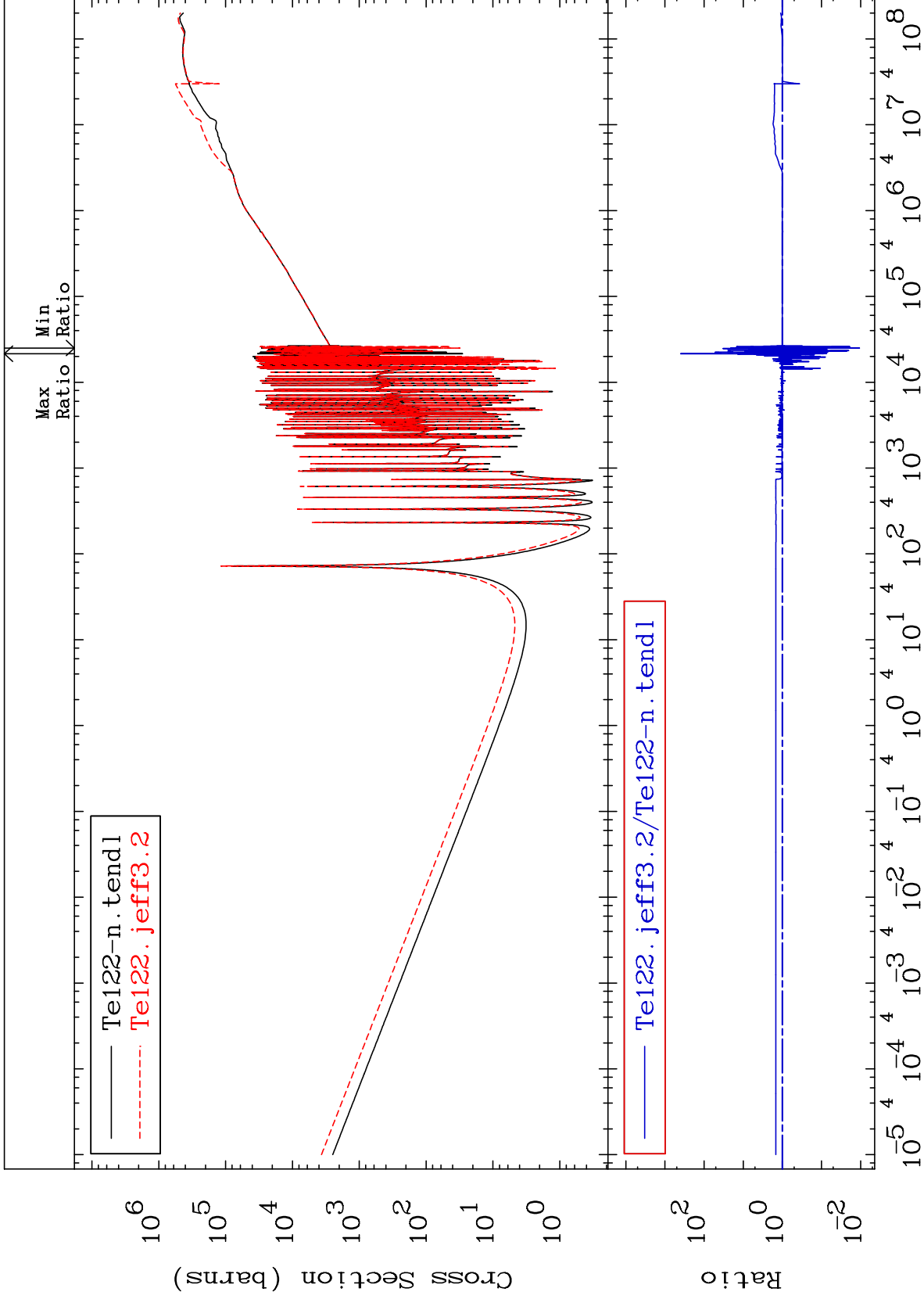
52-Te-122



MAT 5231

Dpa total (eV-barns)
Cross Section

52-Te-122
-98.93 To 9999. %



75

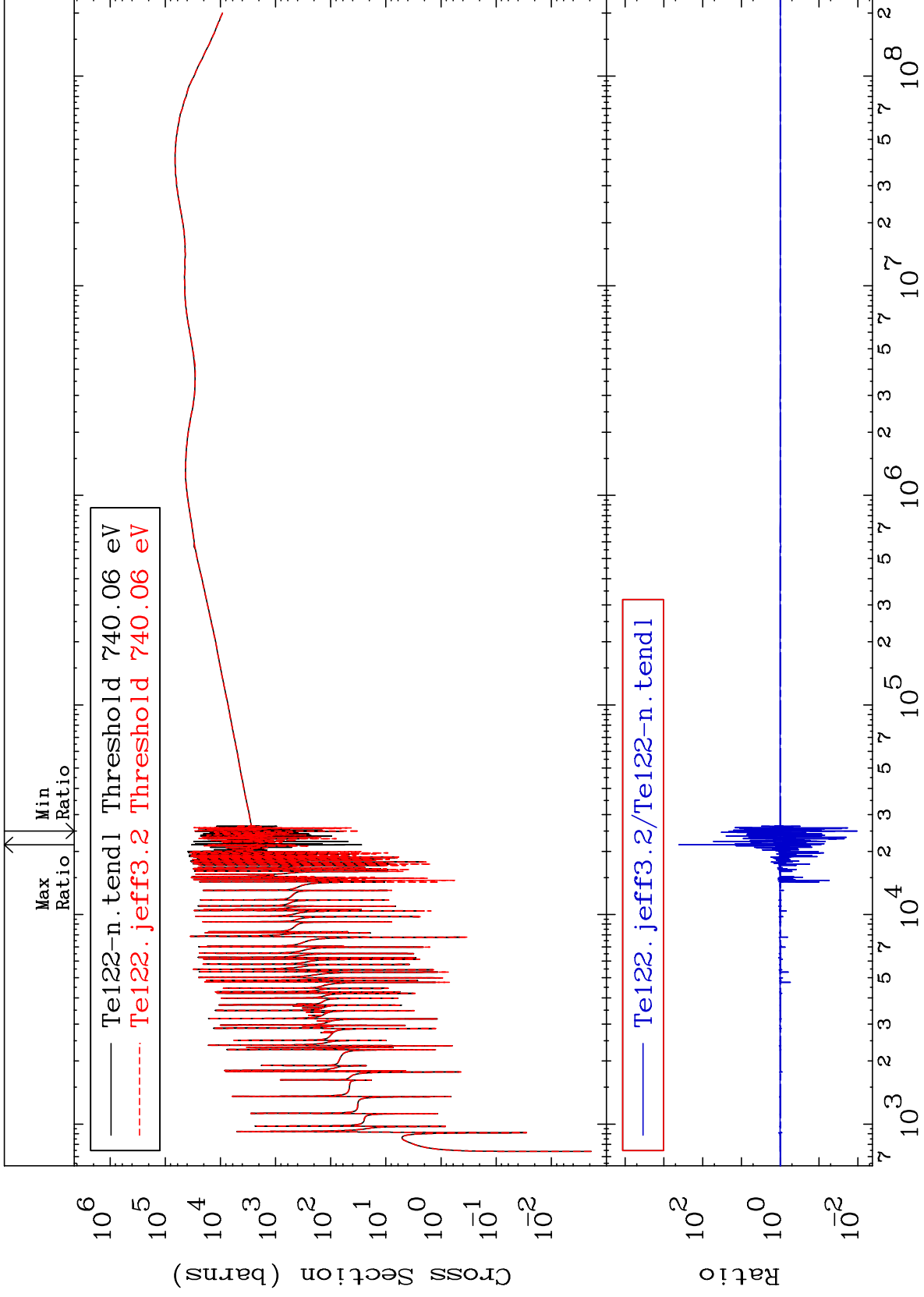
Incident Energy (eV)

52-Te-122

MAT 5231

Dpa elastic (mt2)
Cross Section

52-Te-122
-98.97 To 9999. %



76

Incident Energy (eV)

52-Te-122

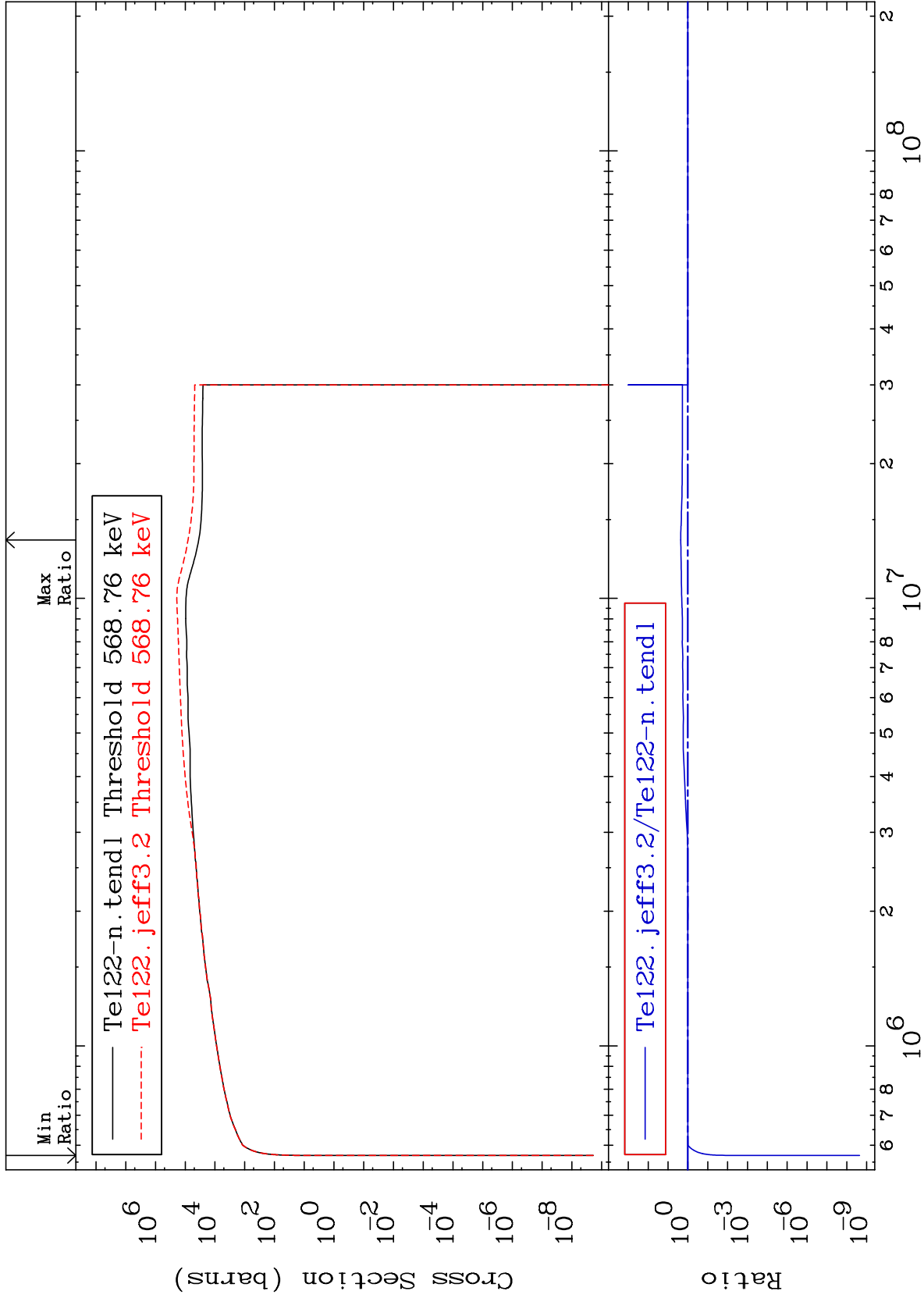
MAT 5231

Dpa inelastic (mt51-91)

52-Te-122

Cross Section

-100.0 To 128.1 %



77

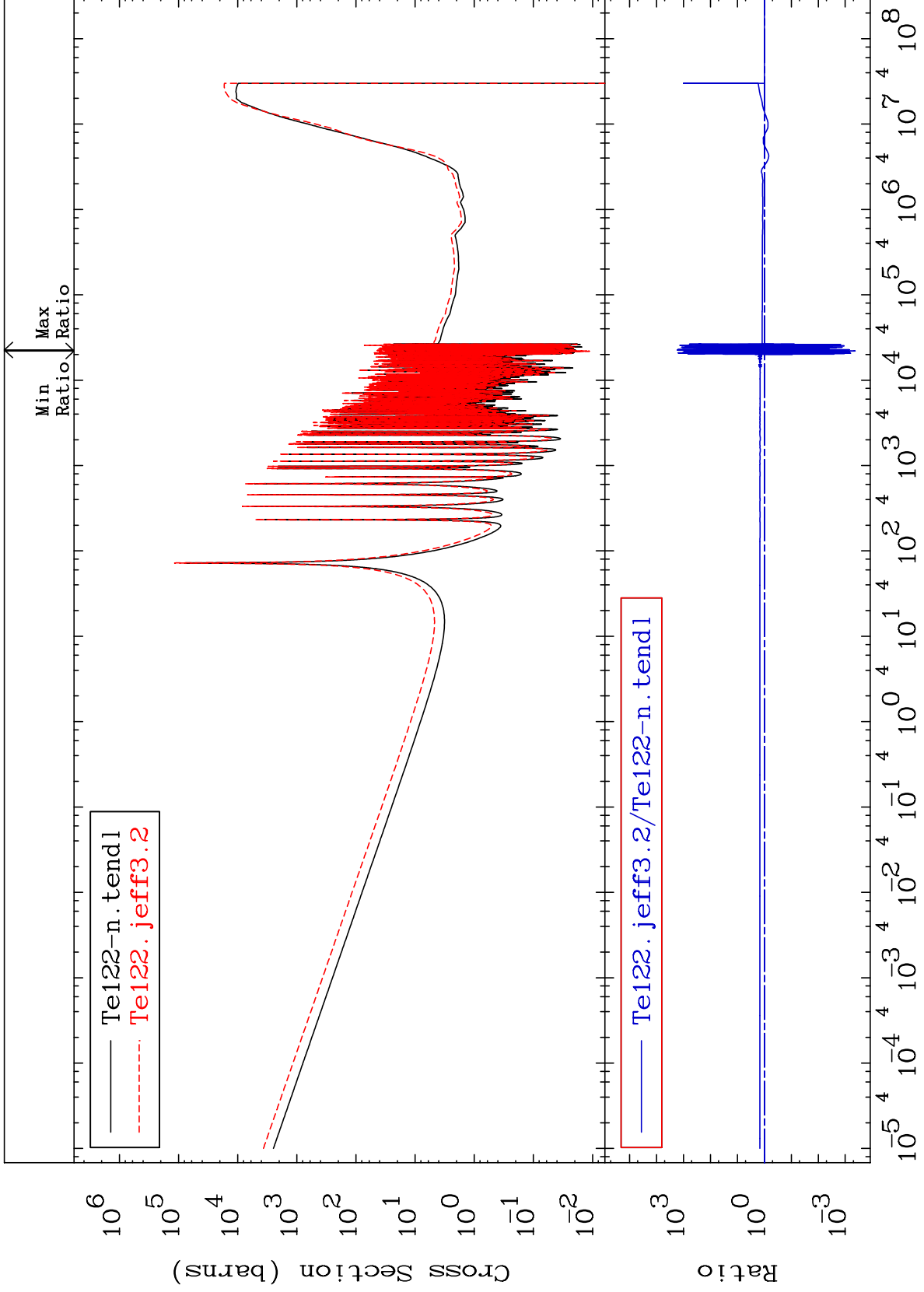
Incident Energy (eV)

52-Te-122

MAT 5231

Dpa disappearance (mt102 -120)
Cross Section

52-Te-122
-99.96 To 9999. %



78

Incident Energy (eV)

52-Te-122

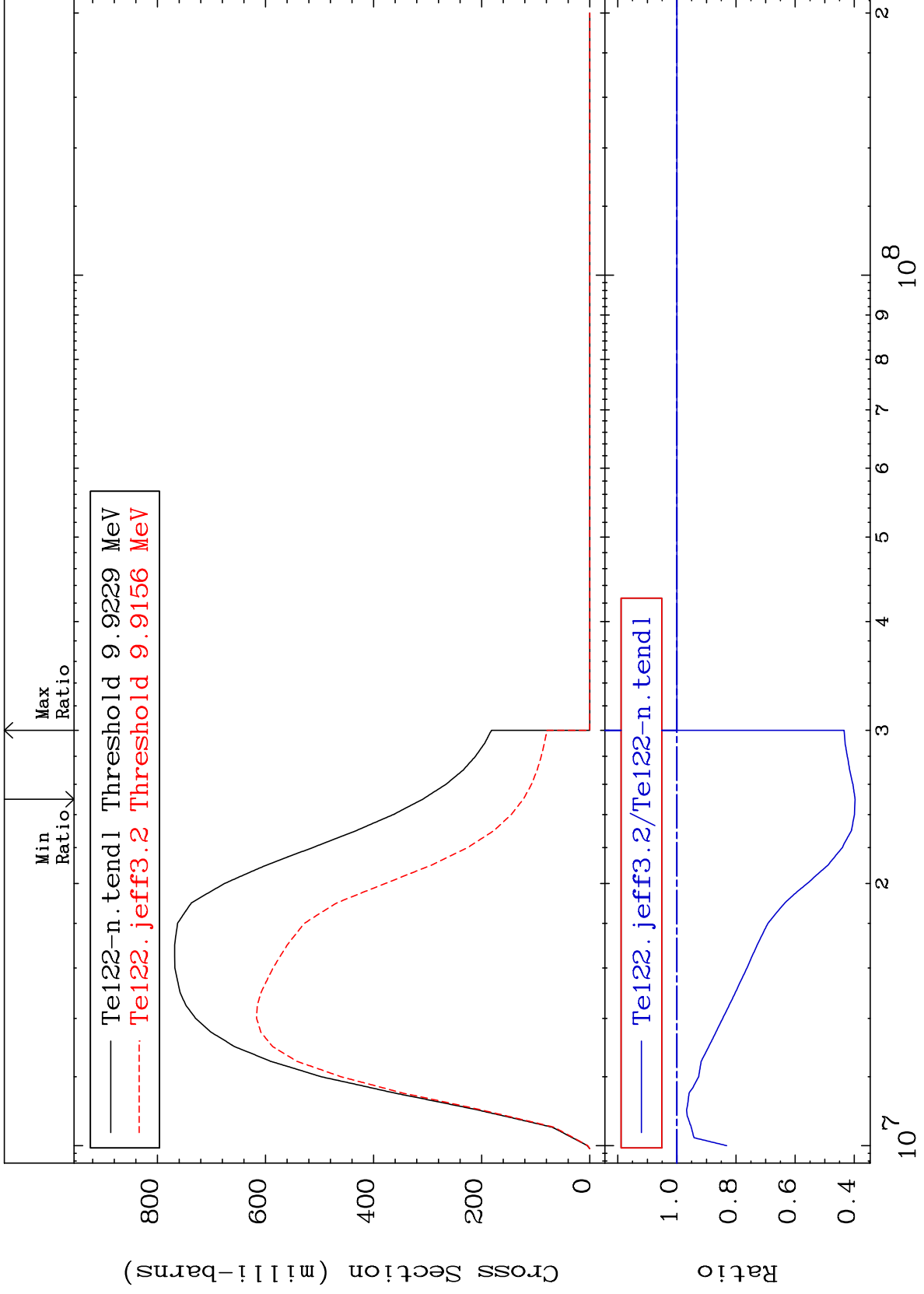
MAT 5231

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

52-Te-122

Radionuclide Production Cross Section

-60.25 To 0.000 %



79

Incident Energy (eV)

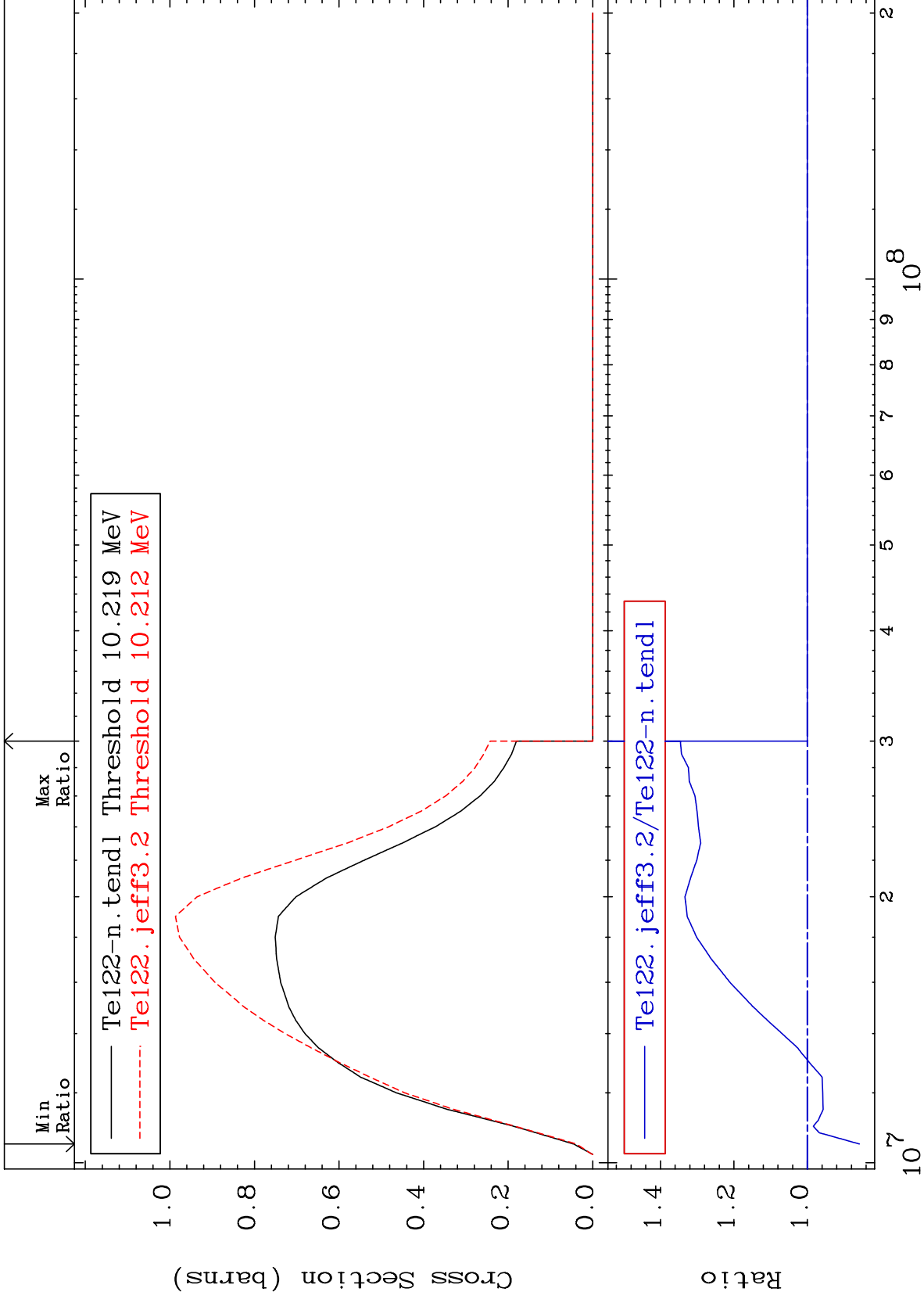
52-Te-122

MAT 5231

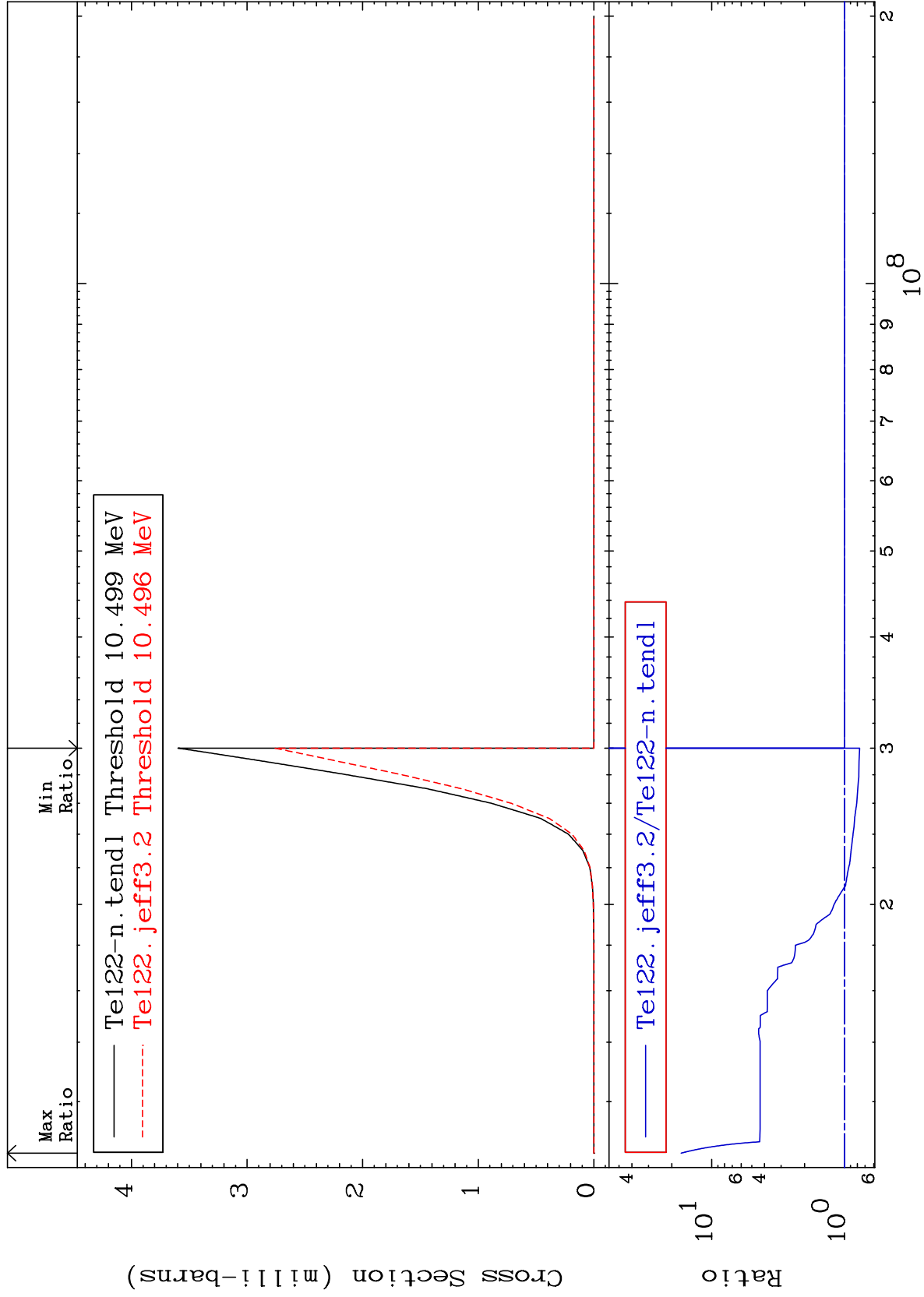
(n,2n):52-Te-121m2

52-Te-122

Radionuclide Production Cross Section -14.18 To 34.58 %



52-Te-122



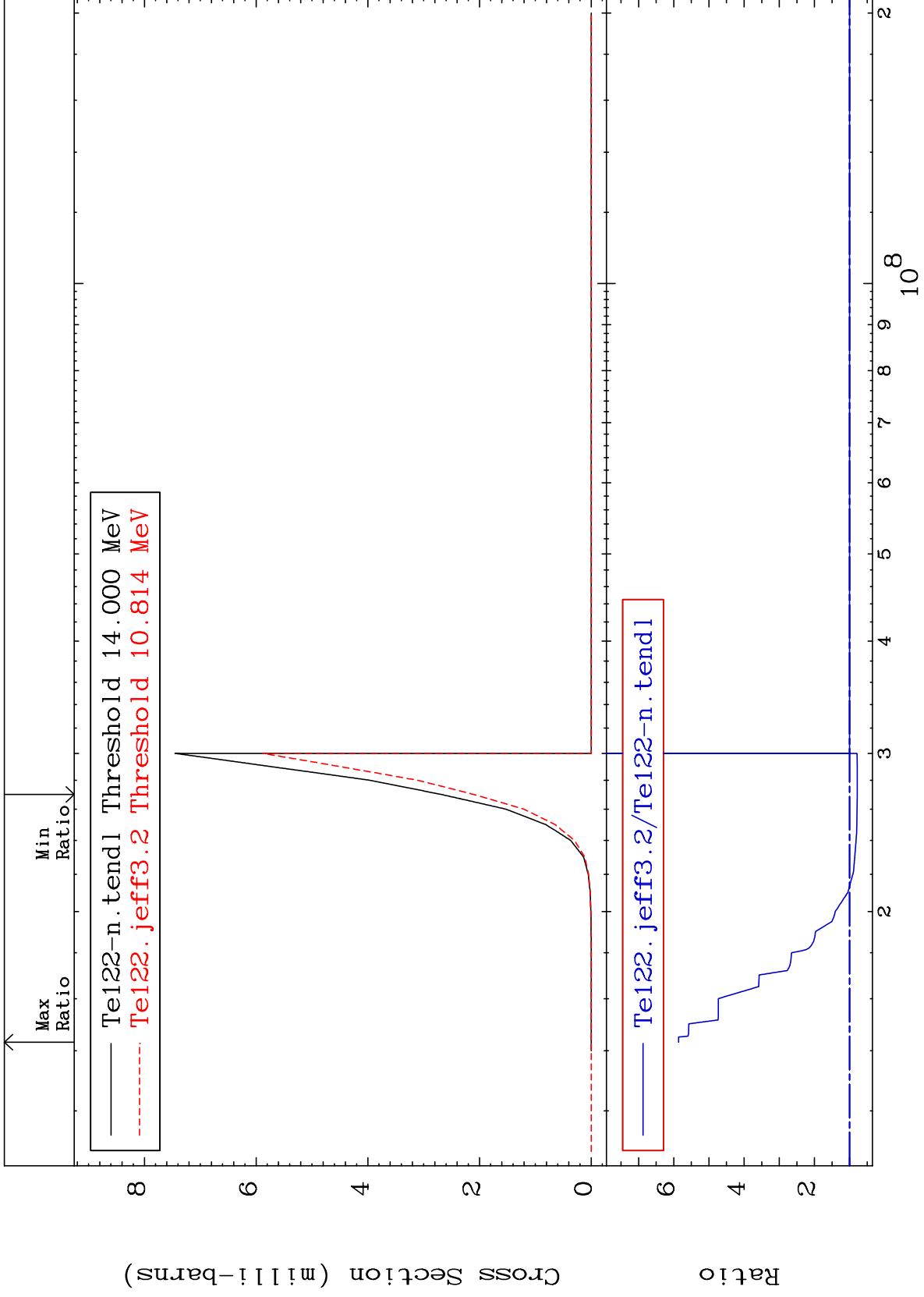
MAT 5231

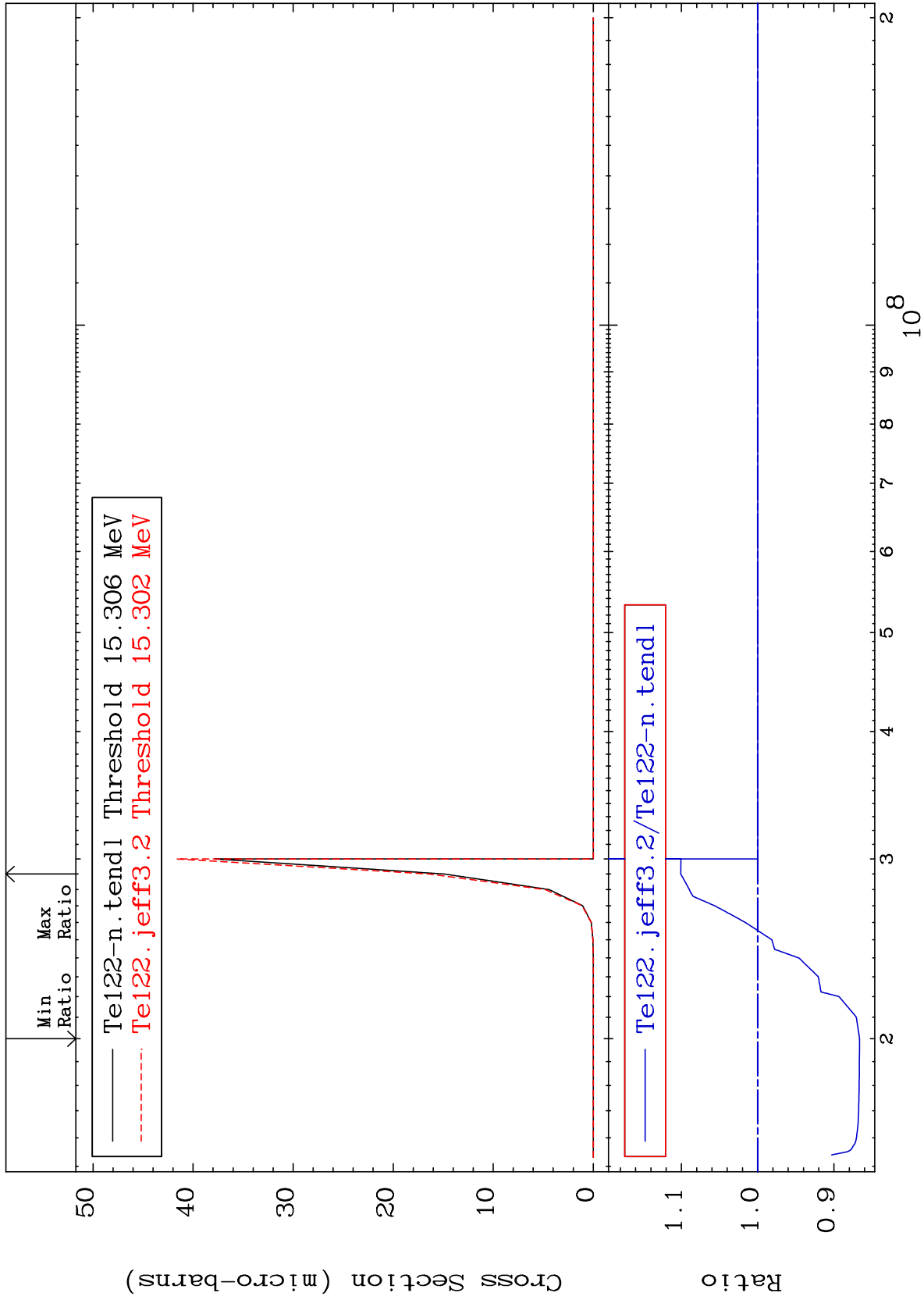
(n,2n) α :50-Sn-117m2

52-Te-122

Radionuclide Production Cross Section

-21.73 To 486.2 %



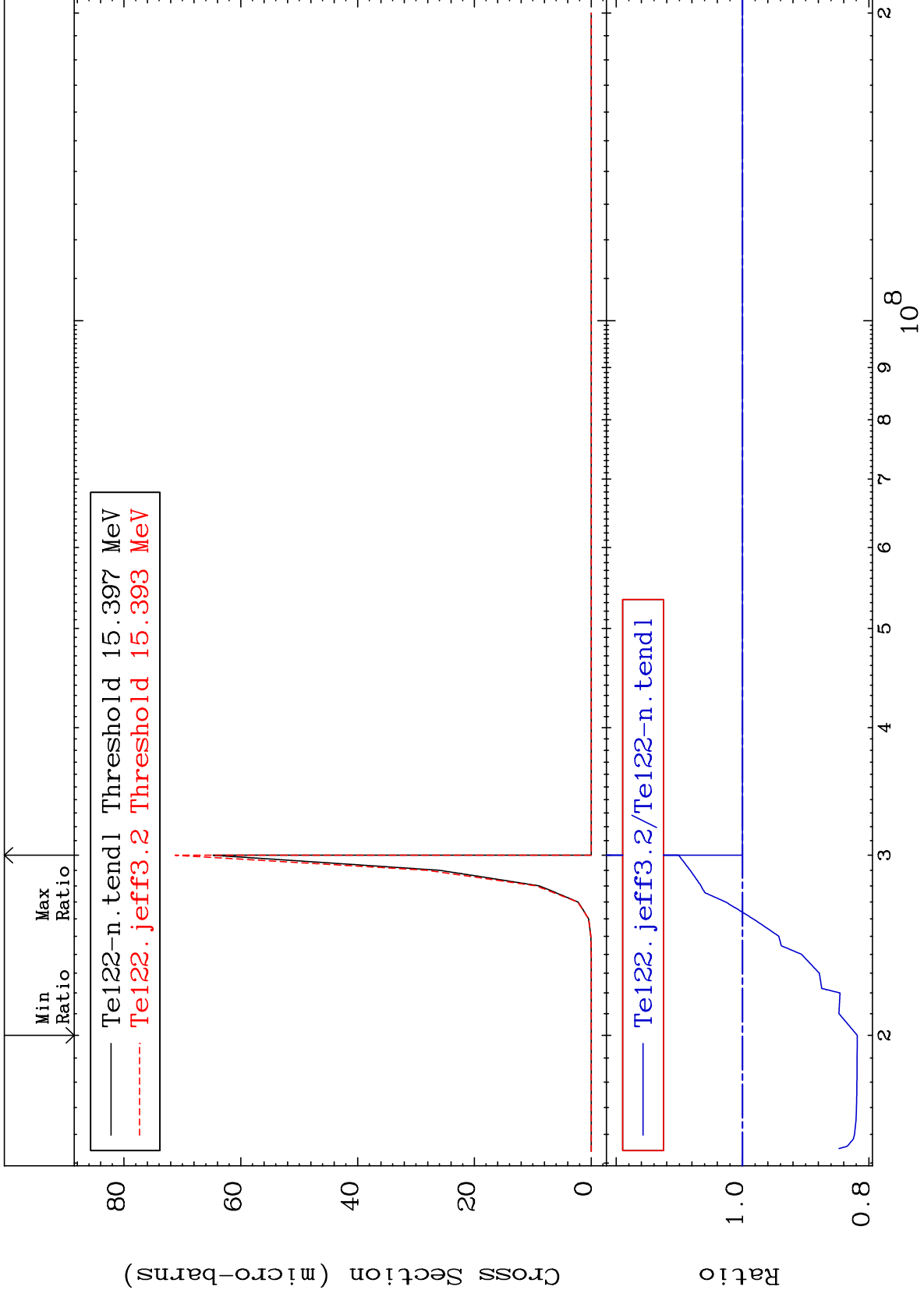


MAT 5231

(n, n') He-3:50-Sn-119m2

52-Te-122

Radionuclide Production Cross Section -18.16 To 10.11 %



84

Incident Energy (eV)

52-Te-122

MAT 5231

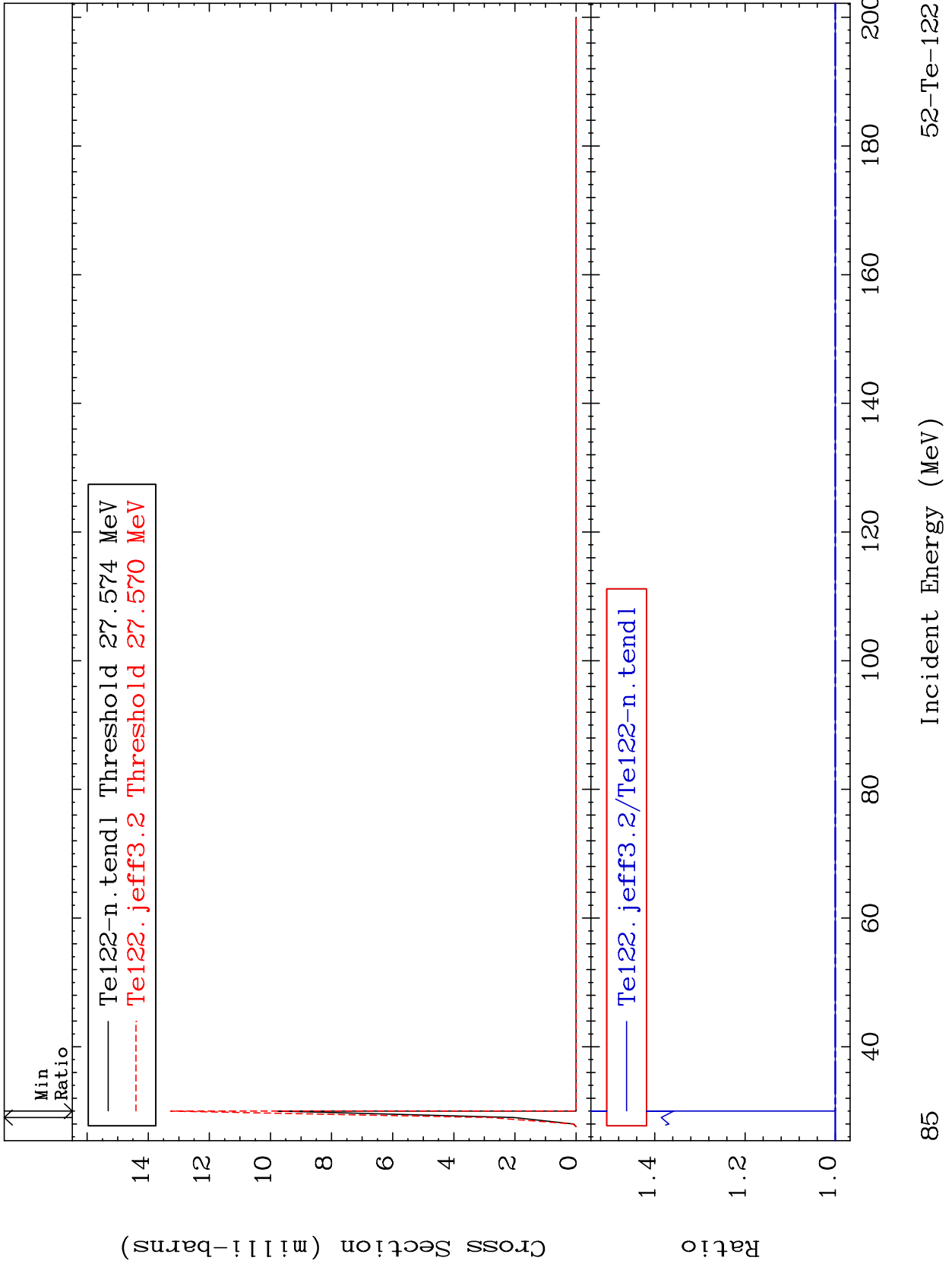
(n,4n):52-Te-119g

52-Te-122

Radionuclide Production Cross Section

0.000

To 38.55 %



85

Incident Energy (MeV)

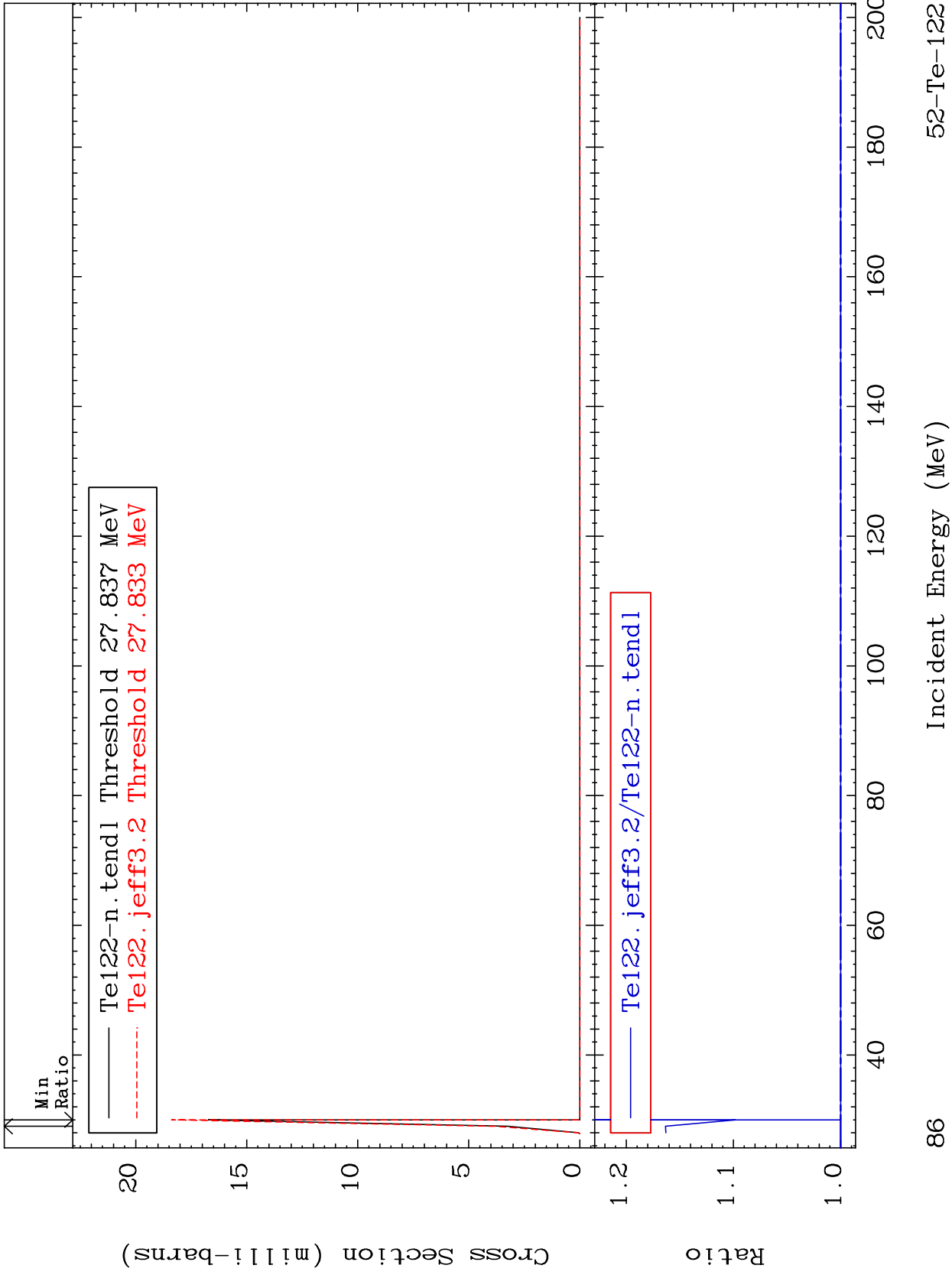
52-Te-122

MAT 5231

(n, 4n):52-Te-119m2

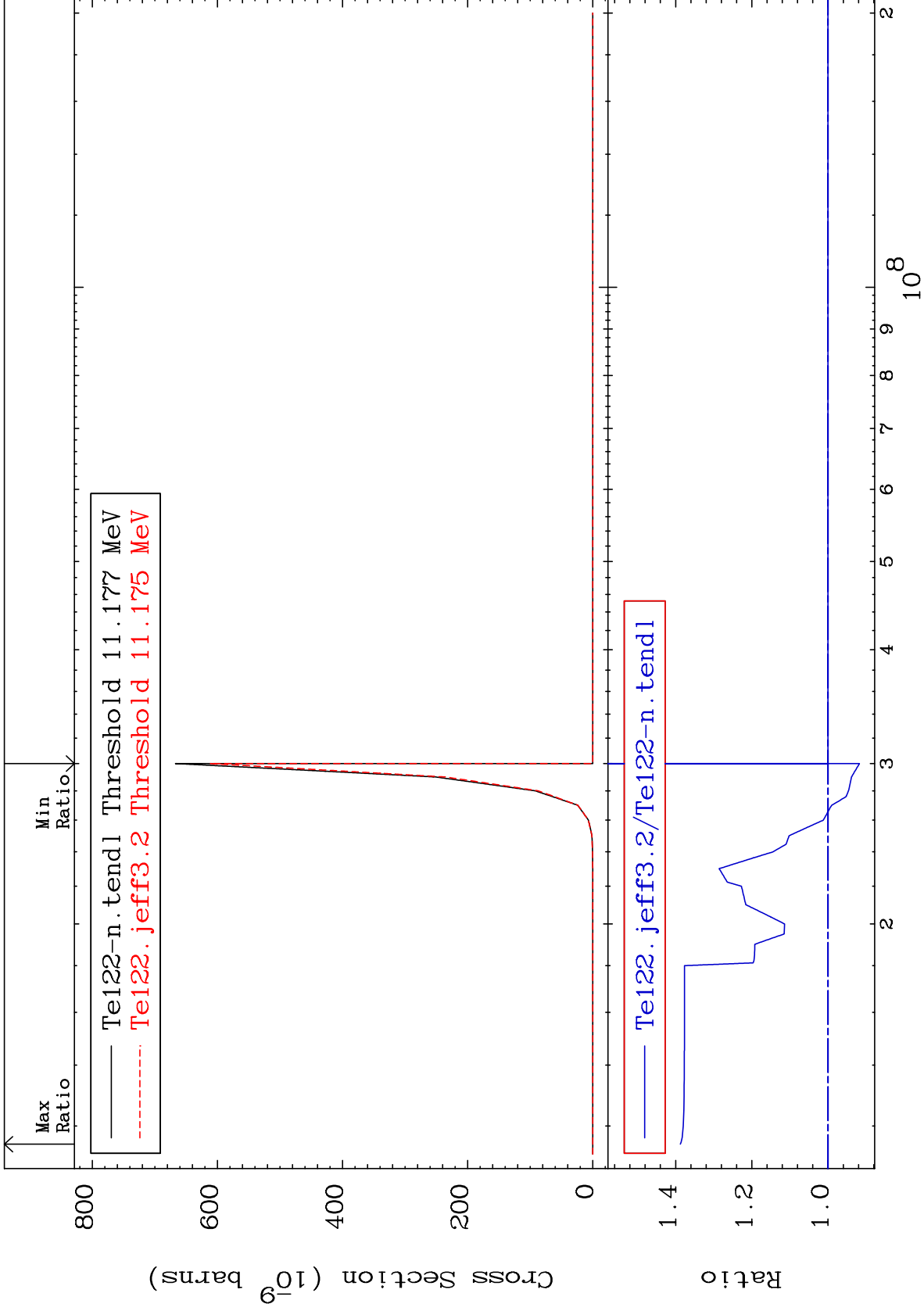
52-Te-122

Radionuclide Production Cross Section 0.000 To 16.34 %



MAT 5231

(n, n') p α : 49-In-117g 52-Te-122
Radionuclide Production Cross Section -8.241 To 38.76 %

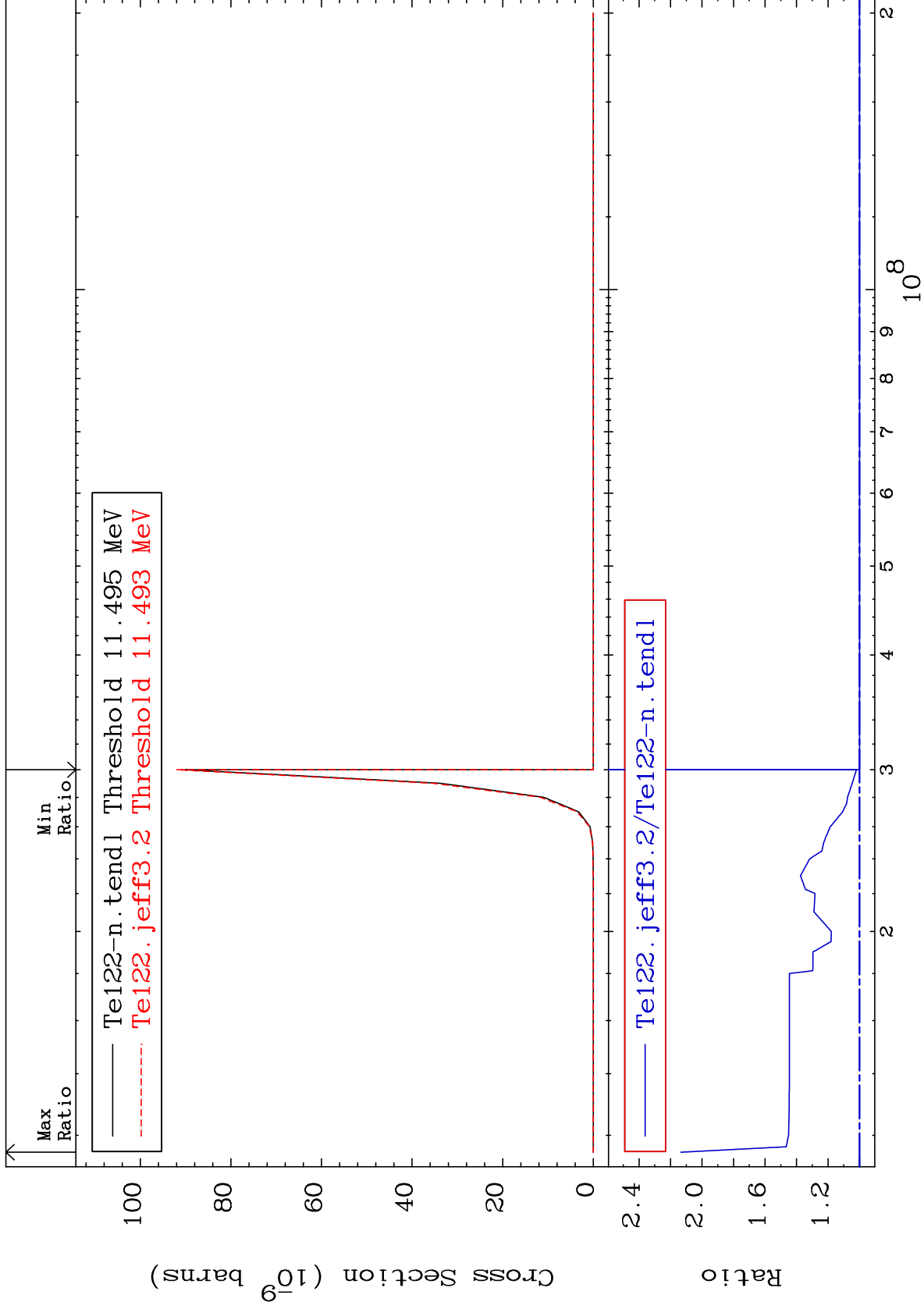


MAT 5231

(n, n') p α :49-In-117m1

52-Te-122

Radionuclide Production Cross Section 0.000 To 113.5 %



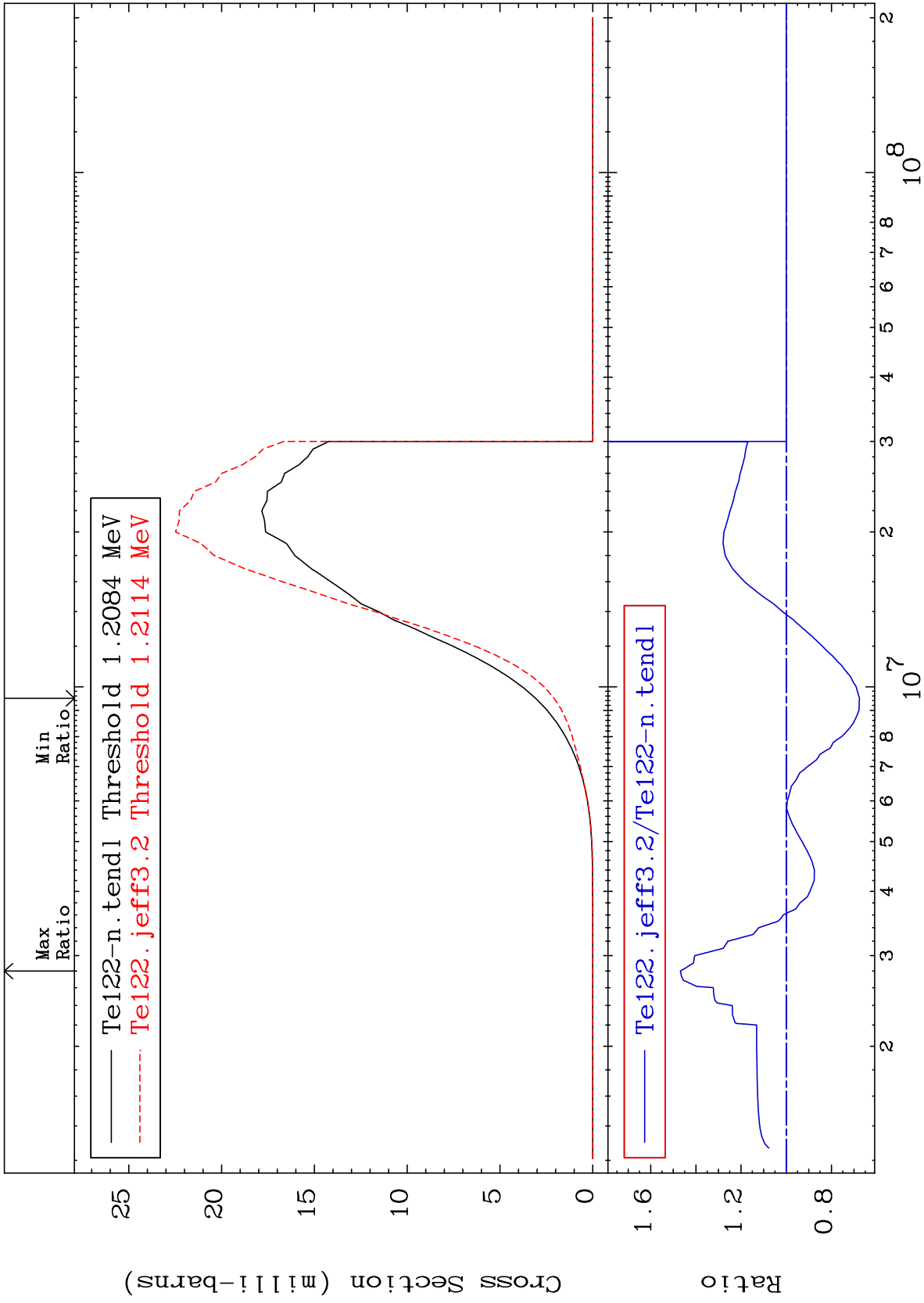
MAT 5231

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

52-Te-122

Radionuclide Production Cross Section

-32.40 To 46.87 %

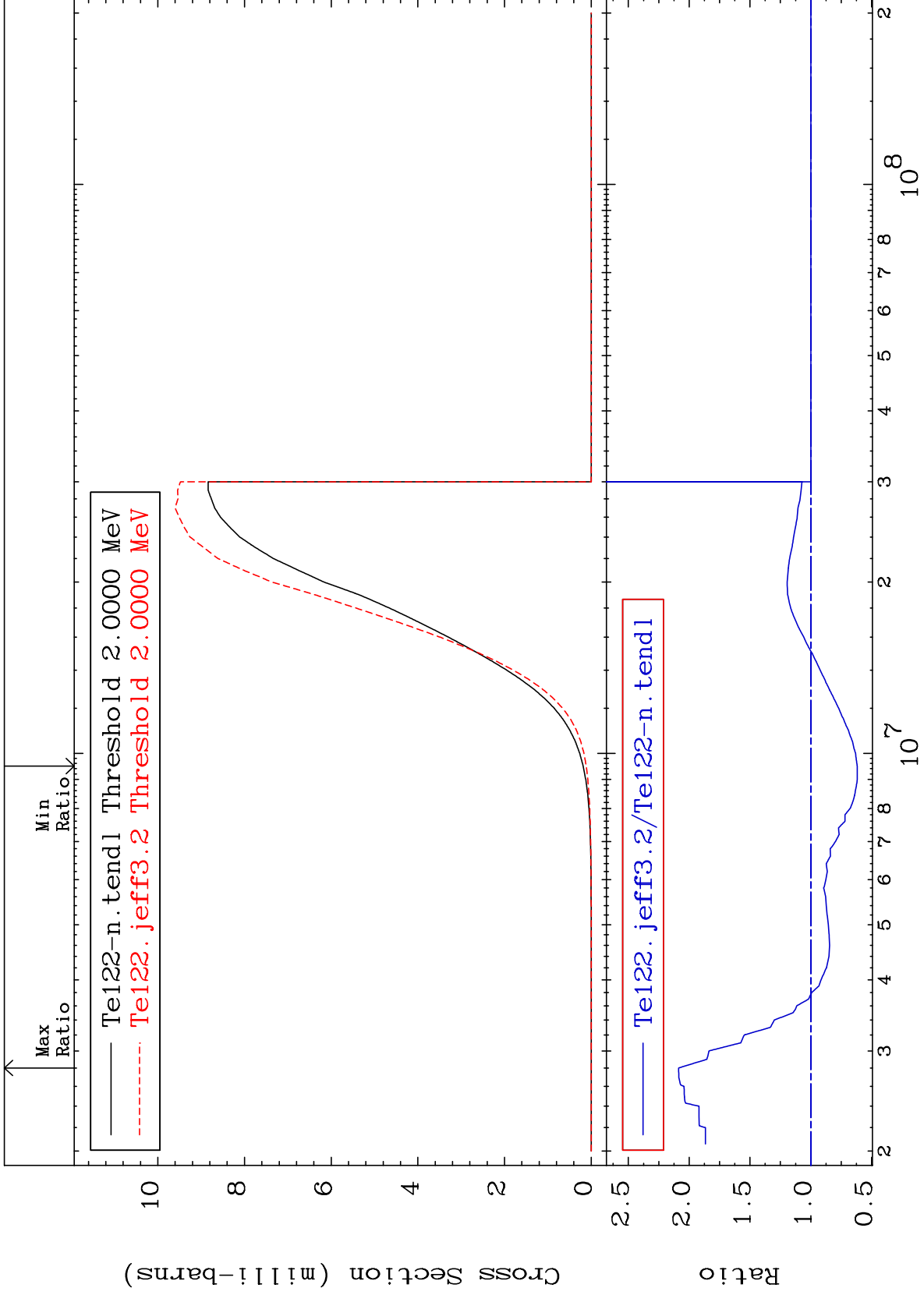


MAT 5231

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

52-Te-122

Radionuclide Production Cross Section -38.19 To 108.7 %



90

Incident Energy (eV)

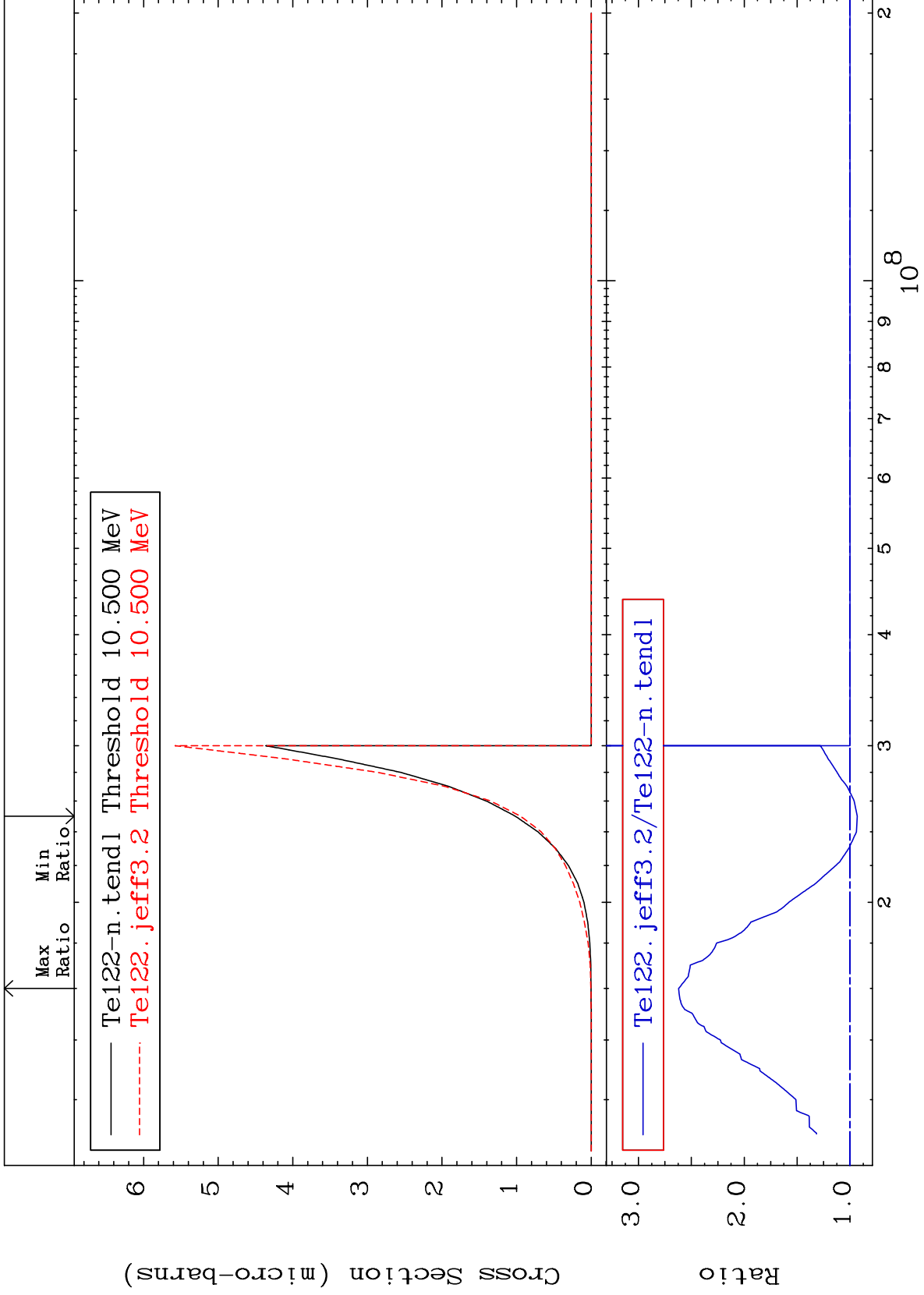
52-Te-122

MAT 5231

(n,2p):50-Sn-121g

52-Te-122

Radionuclide Production Cross Section -6.866 To 162.0 %

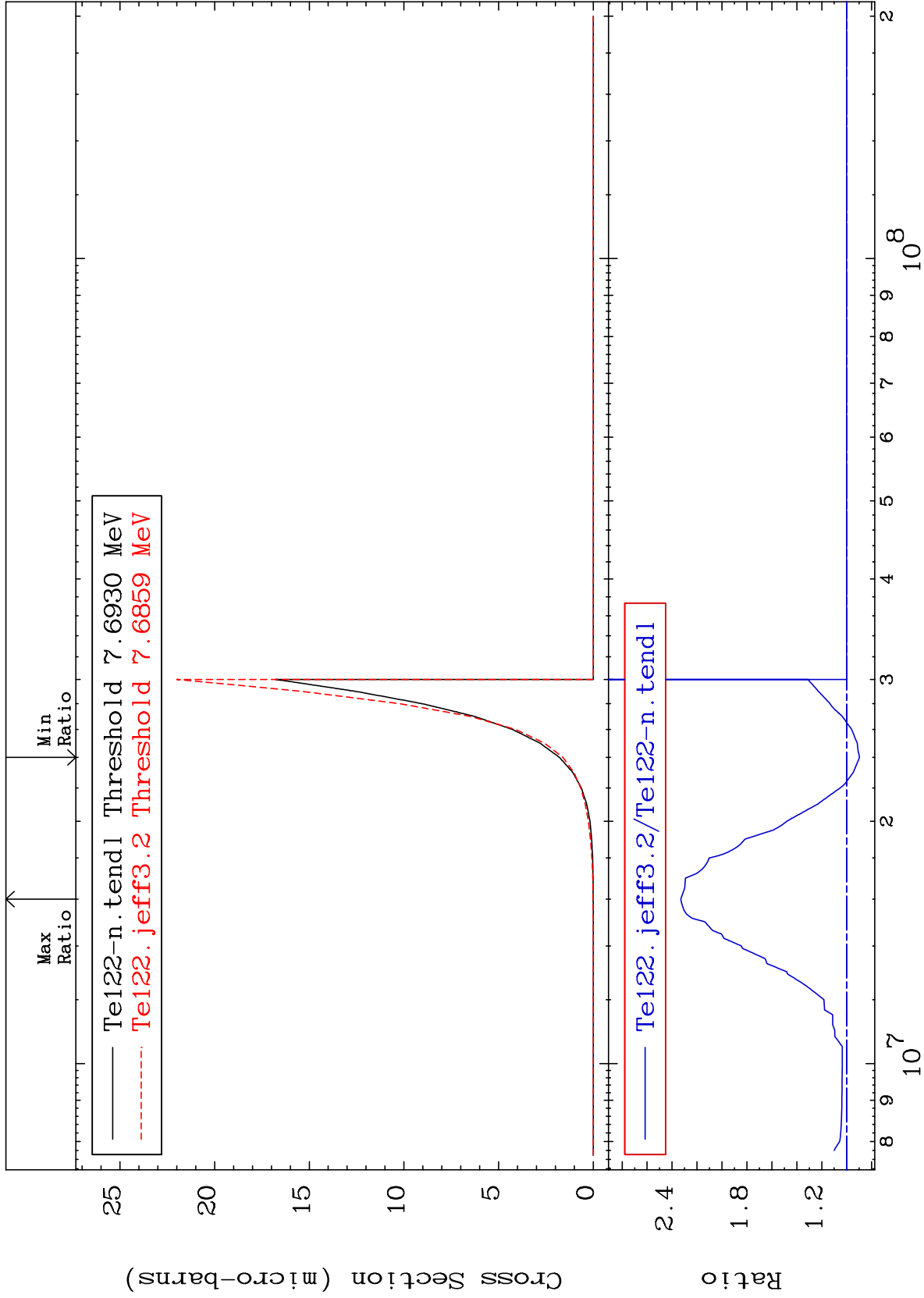


MAT 5231

(n,2p):50-Sn-121m1

52-Te-122

Radionuclide Production Cross Section -10.28 To 133.0 %



92

Incident Energy (eV)

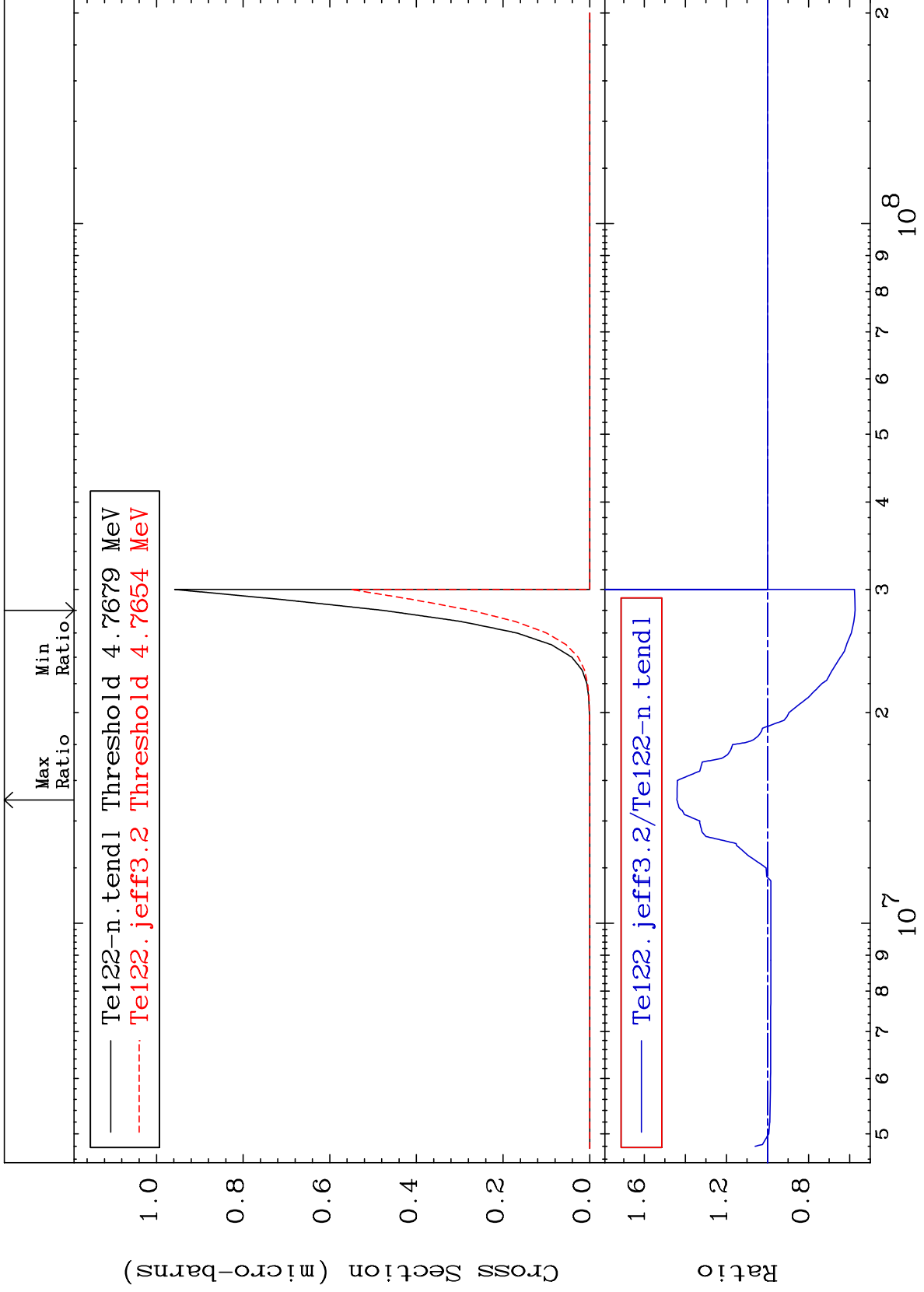
52-Te-122

MAT 5231

(n, p) α : 49-In-118g

52-Te-122

Radionuclide Production Cross Section -42.64 To 44.13 %

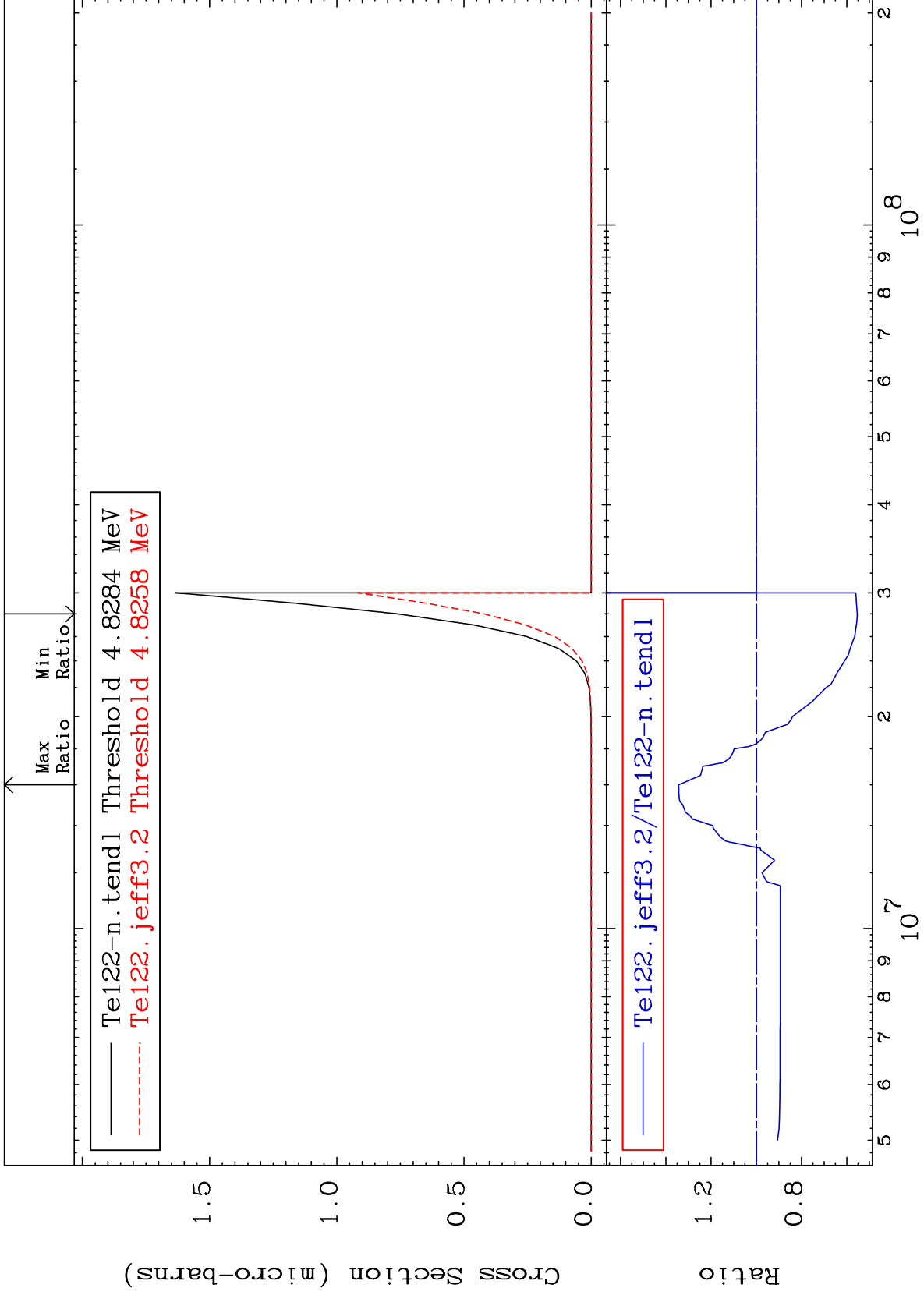


MAT 5231

(n, p) α :49-In-118m1

52-Te-122

Radionuclide Production Cross Section -44.63 To 34.33 %



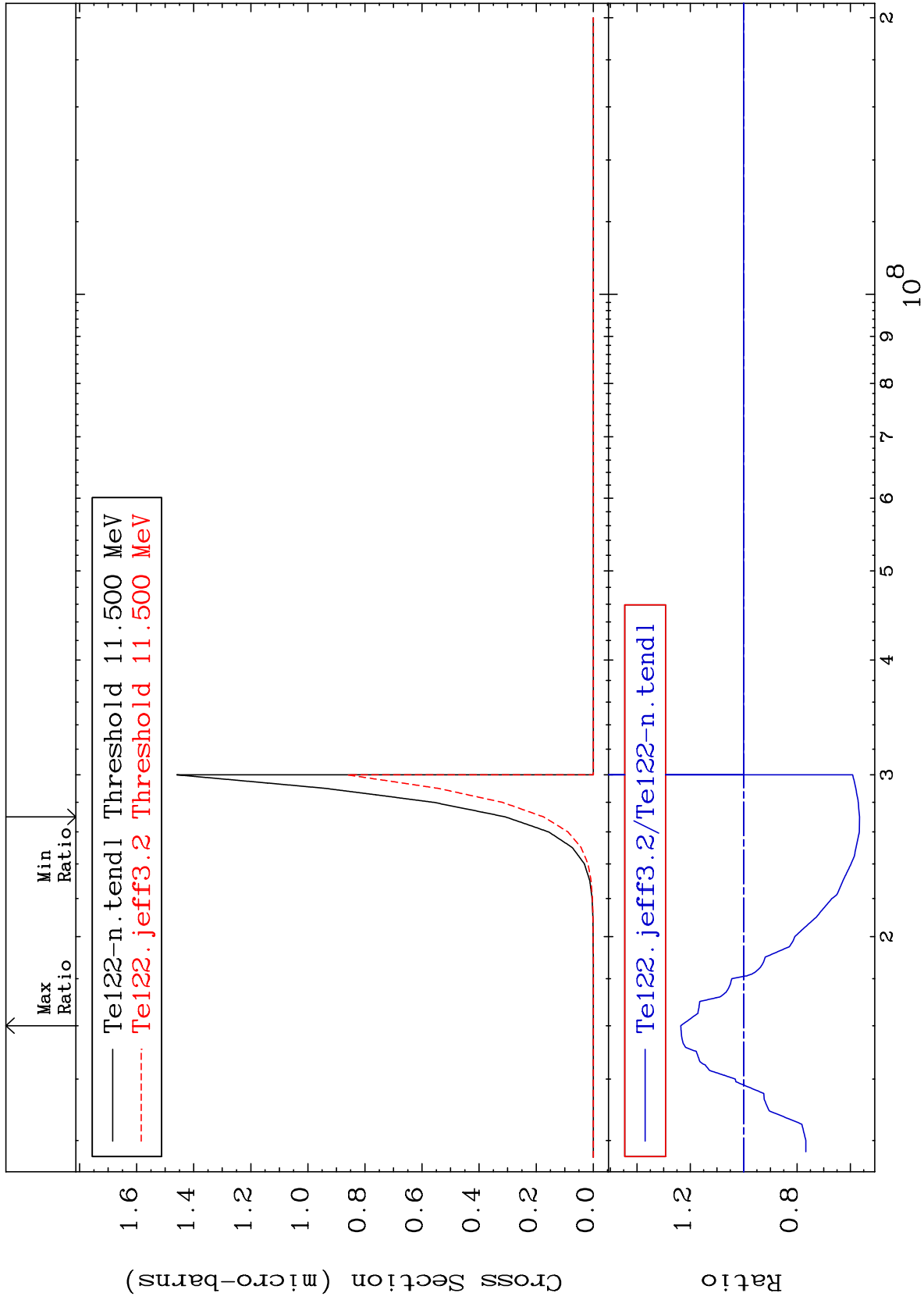
MAT 5231

(n, p) α :49-In-118m3

52-Te-122

Radionuclide Production Cross Section

-43.44 To 23.58 %



MAT 5231

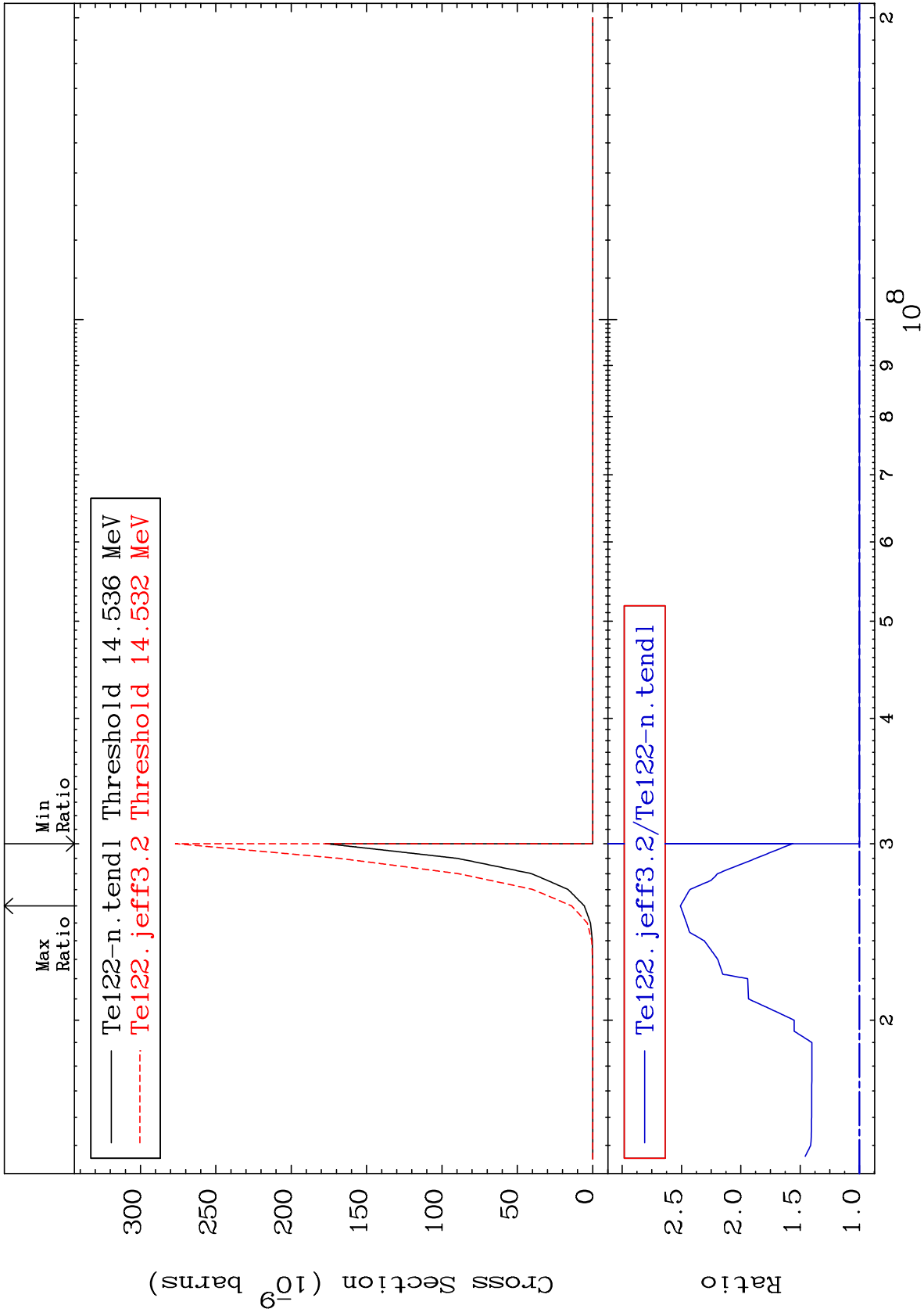
(n, p) t:50-Sn-119g

52-Te-122
To 150.9 %

Radionuclide Production Cross Section

0.000

To 150.9 %

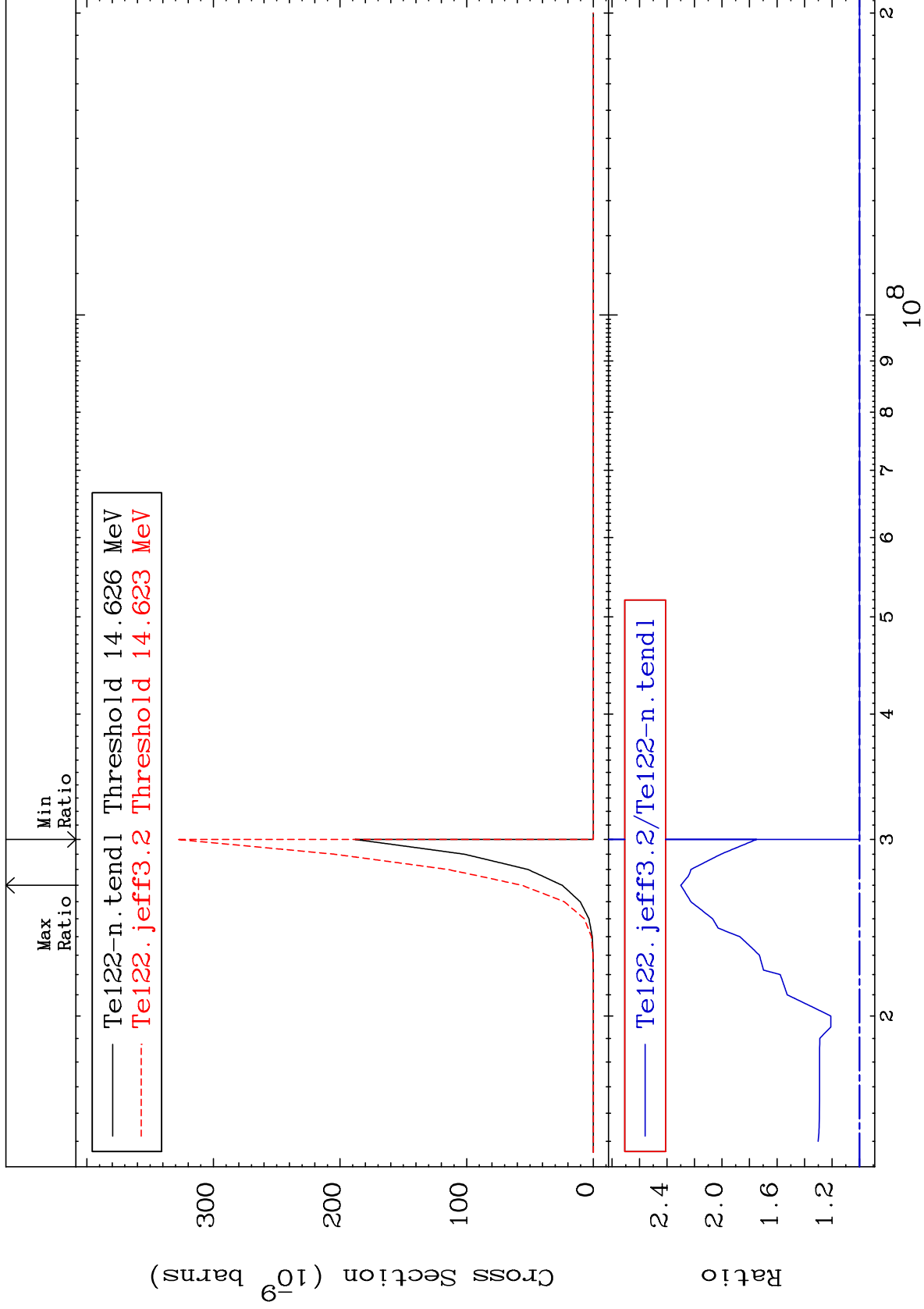


MAT 5231

(n,p) t:50-Sn-119m2

52-Te-122

Radionuclide Production Cross Section 0.000 To 130.0 %

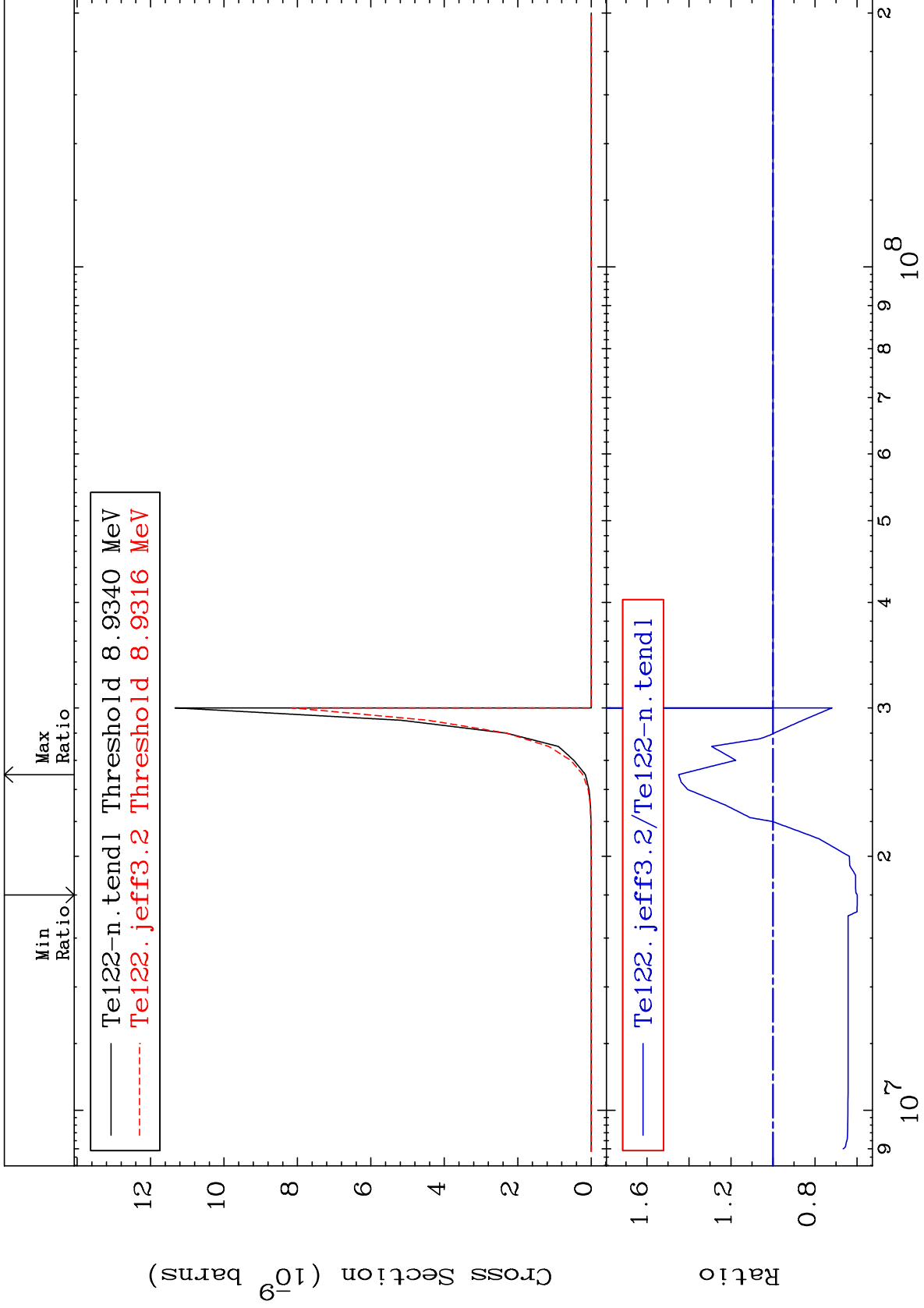


MAT 5231

(n, d) α : 49-In-117g

52-Te-122

Radionuclide Production Cross Section -40.13 To 44.95 %



98

52-Te-122

52-Te-122

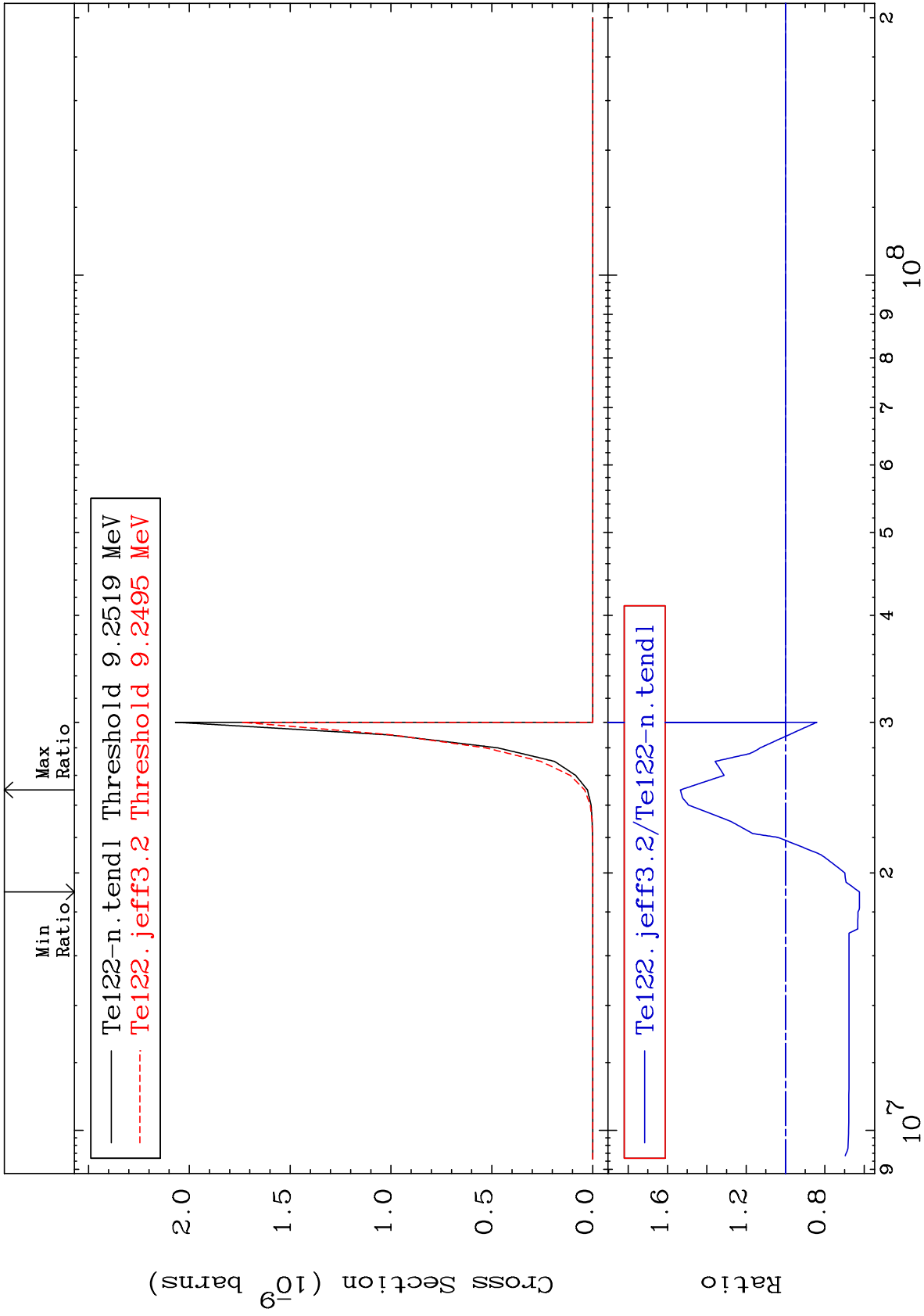
MAT 5231

(n,d) α :49-In-117m1

52-Te-122

Radionuclide Production Cross Section

-37.57 To 53.47 %



99

Incident Energy (eV)

52-Te-122