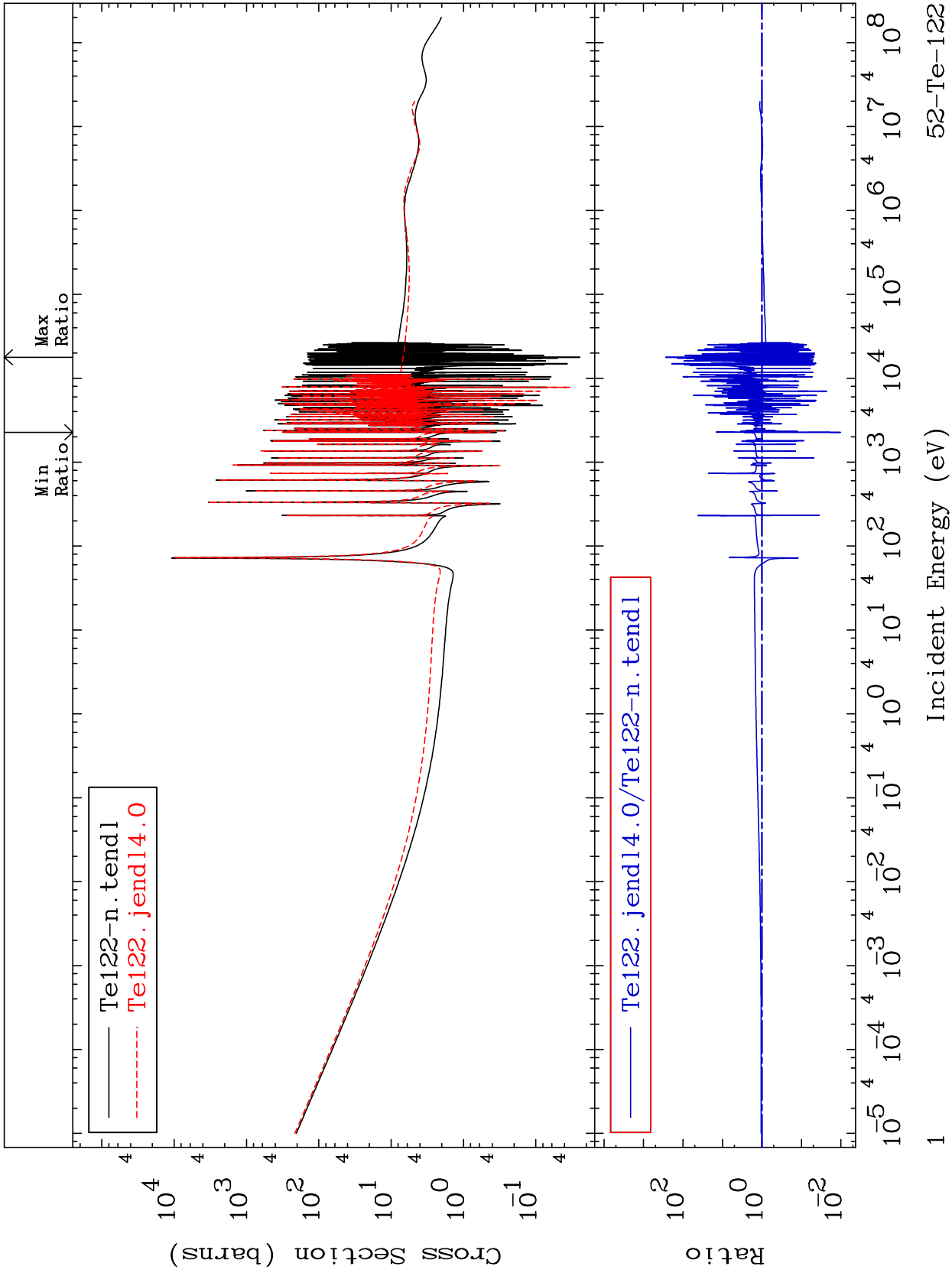


MAT 5231

Total Cross Section
52-Te-122
-98.98 To 9999. %



52-Te-122

Incident Energy (eV)

MAT 5231

Elastic
Cross Section

52-Te-122
-99.51 To 9999. %

— Te122-n.tendl
- - - Te122.jendl4.0

Min
Ratio

Max
Ratio

10^4
 10^3
 10^2
 10^1
 10^0
 10^{-1}
 10^{-2}
 10^{-3}

Cross Section (barns)

— Te122.jendl4.0/Te122-n.tendl

10^4
 10^2
 10^0
 10^{-2}

Ratio

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

Incident Energy (eV)

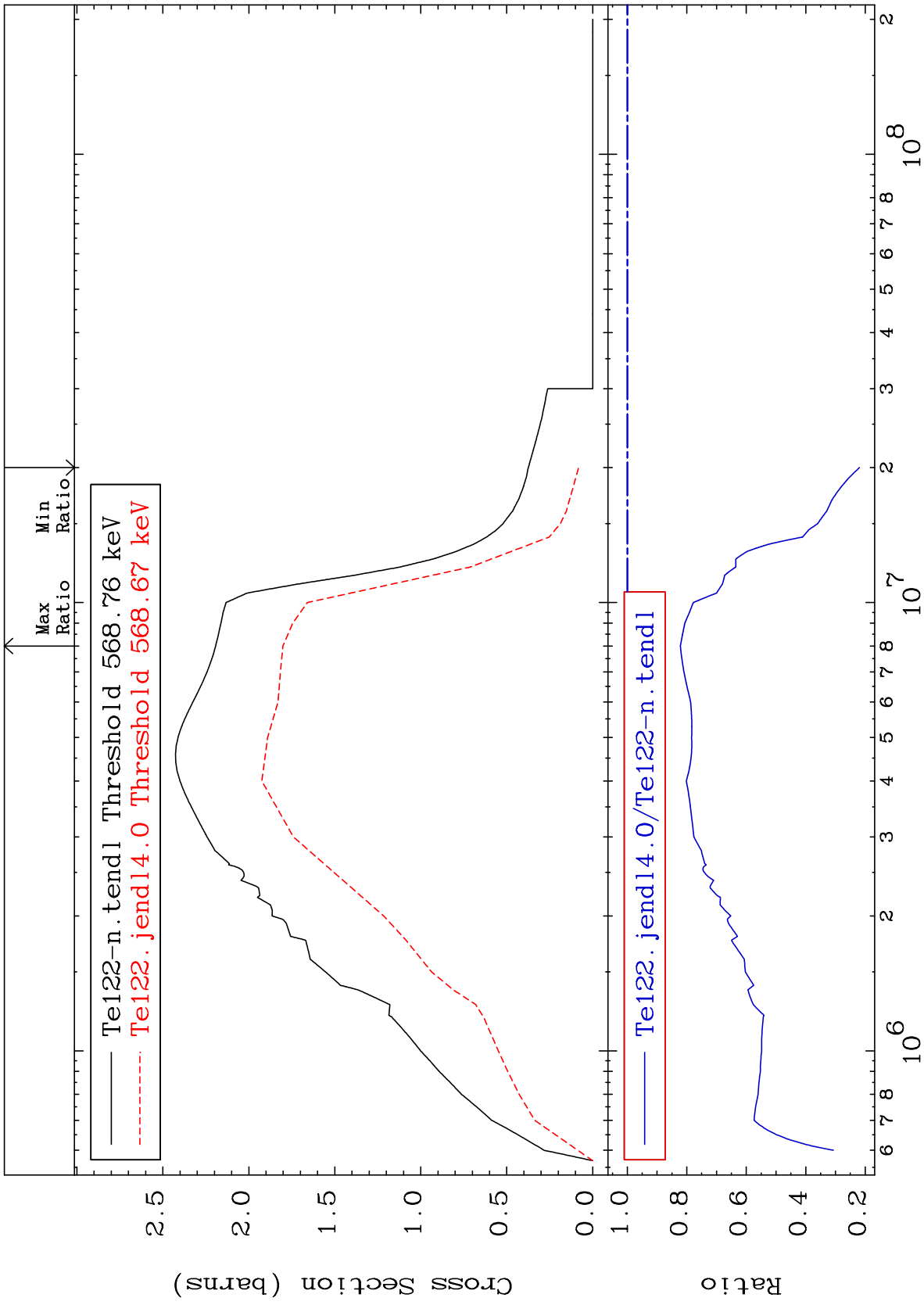
52-Te-122

2

MAT 5231

52-Te-122
-78.05 To -17.83%

Inelastic
Cross Section



3

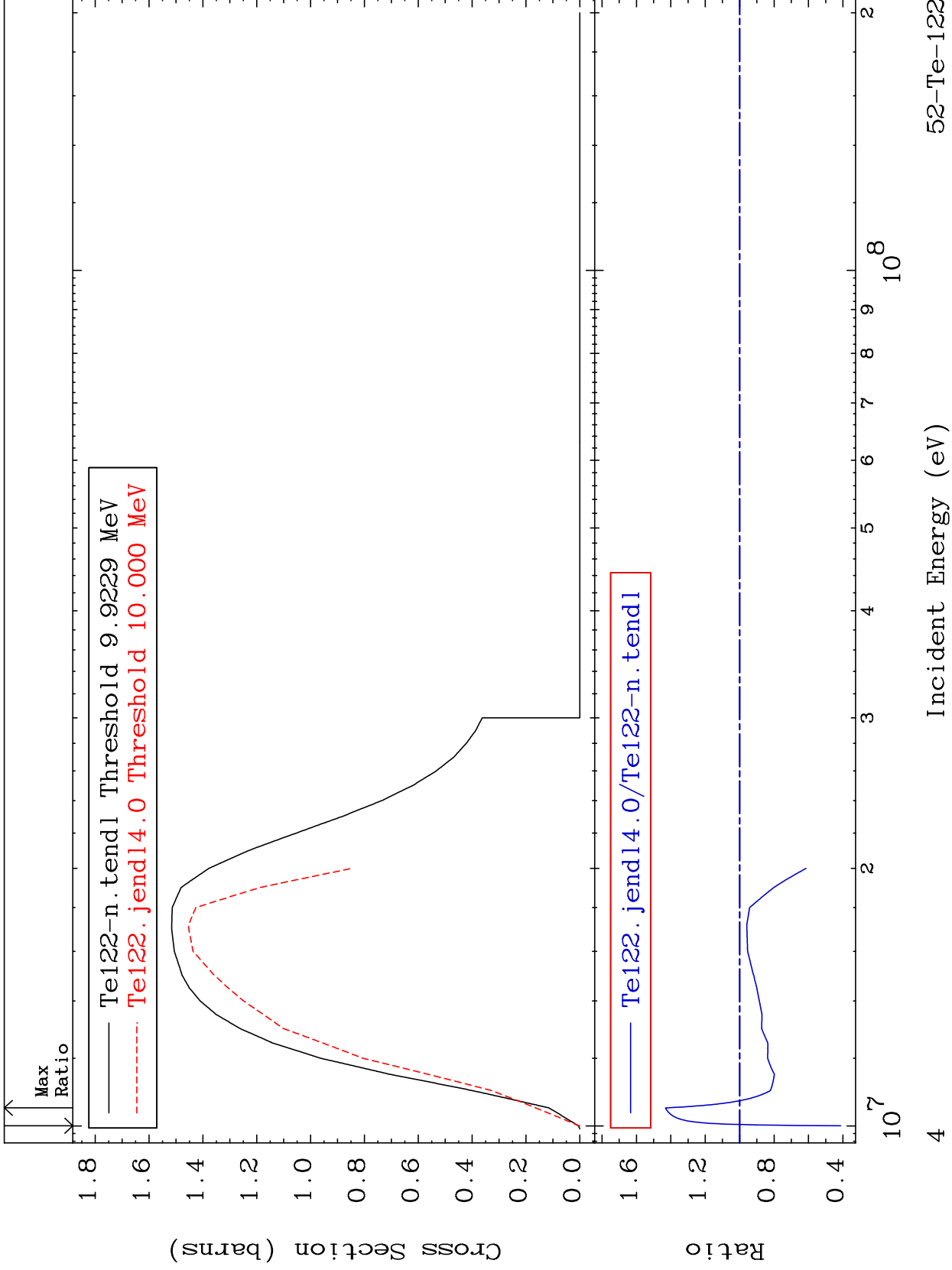
Incident Energy (eV)

52-Te-122

MAT 5231

(n,2n)
Cross Section

52-Te-122
-58.69 To 43.09 %



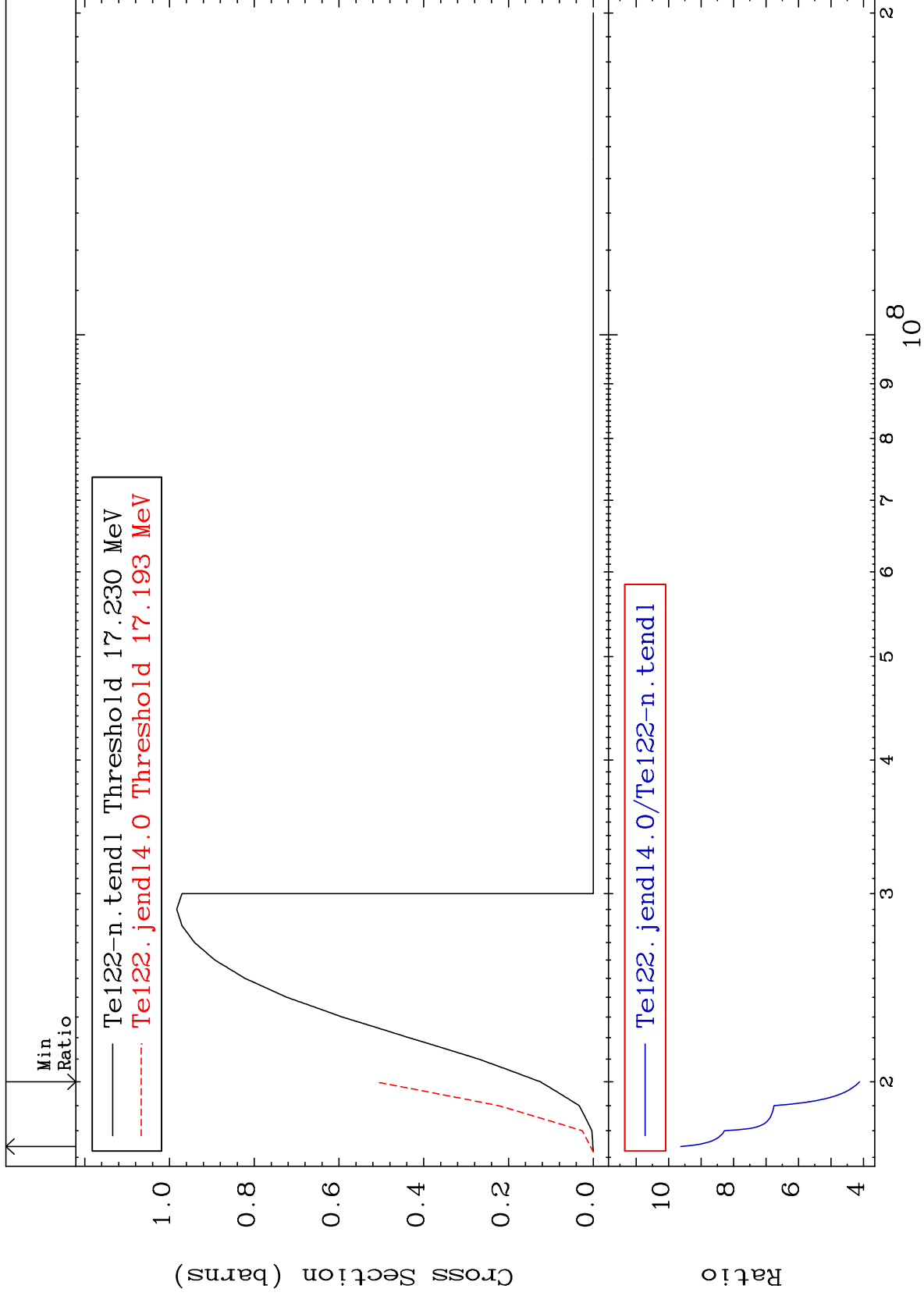
Incident Energy (eV)

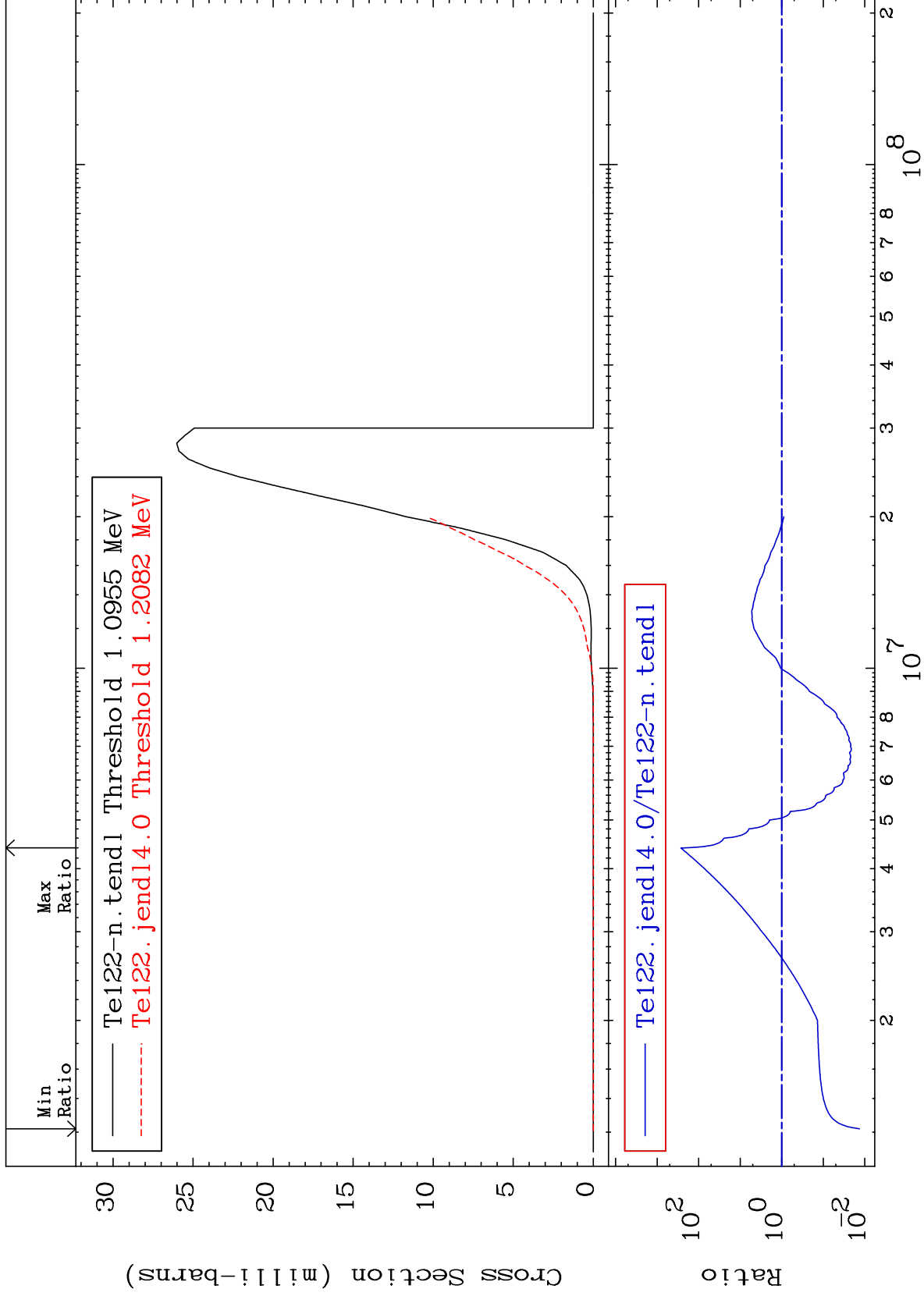
52-Te-122

MAT 5231

(n,3n)
Cross Section

52-Te-122
312.1 To 862.8 %

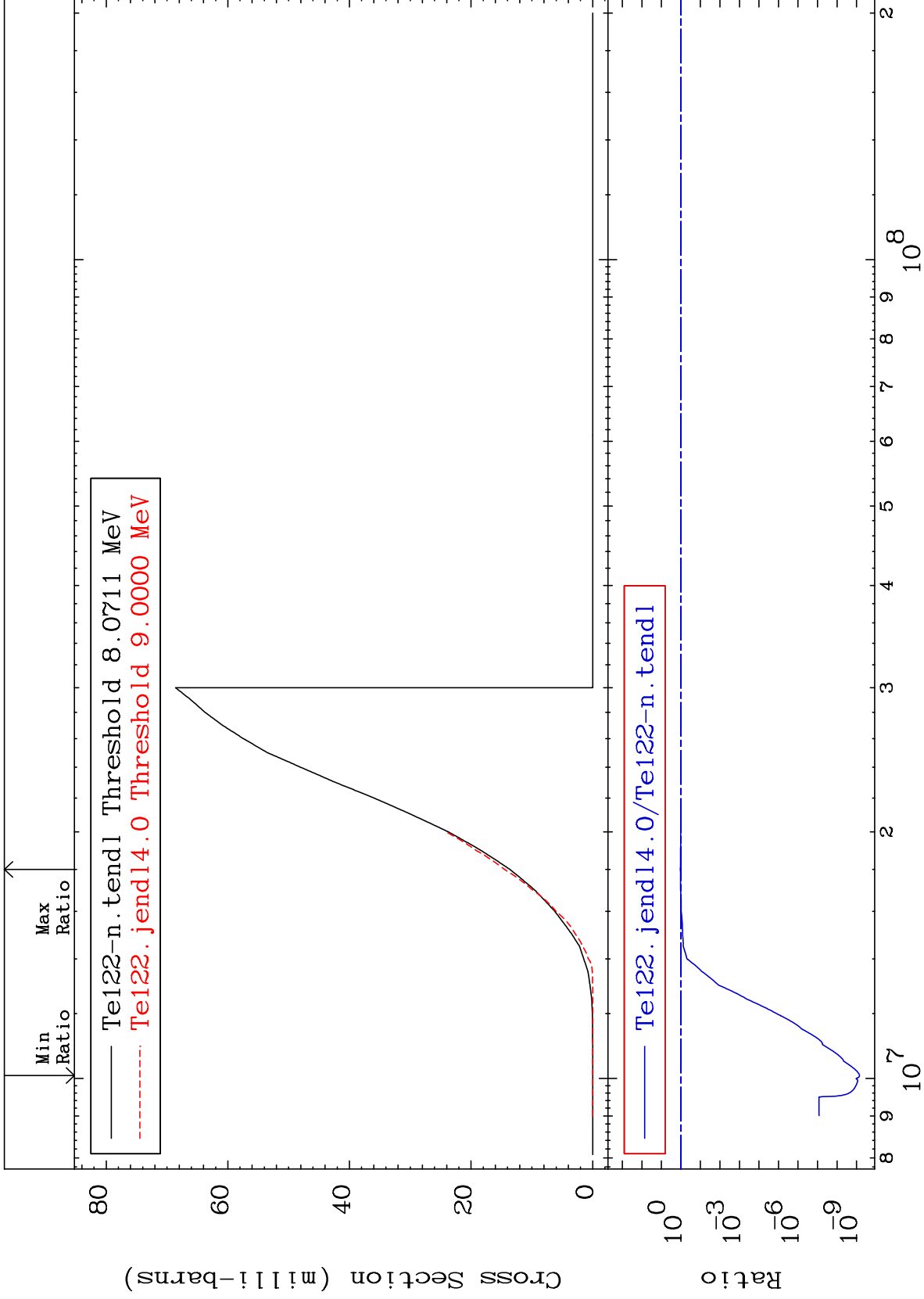




MAT 5231

(n,n') p
Cross Section

52-Te-122
-100.0 To 6.649 %



7

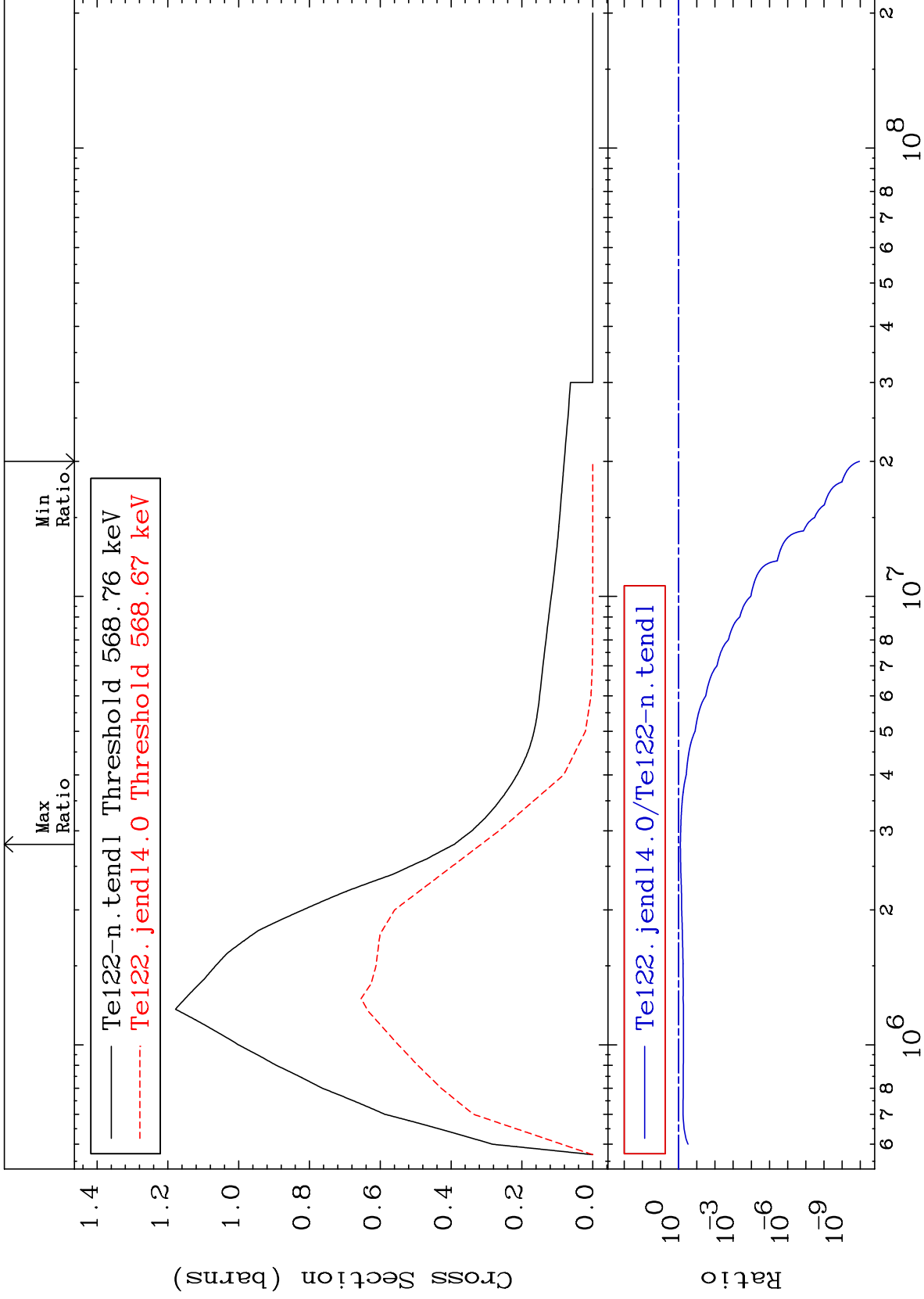
Incident Energy (eV)

52-Te-122

MAT 5231

564.1 keV (n,n') Level
Cross Section

52-Te-122
-100.0 To -19.39%



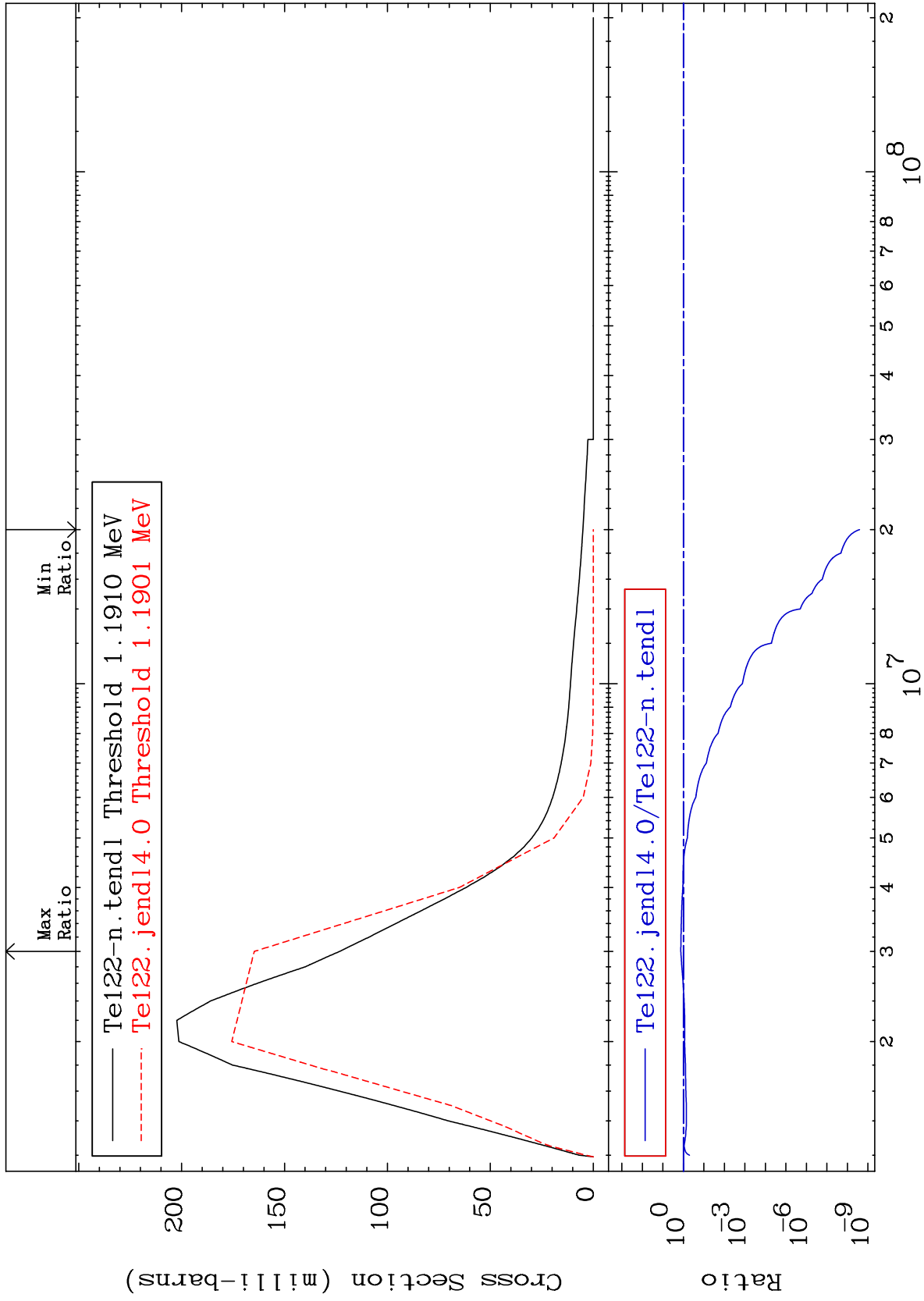
MAT 5231

1.181 MeV (n,n') Level

52-Te-122

-100.0 To 33.64 %

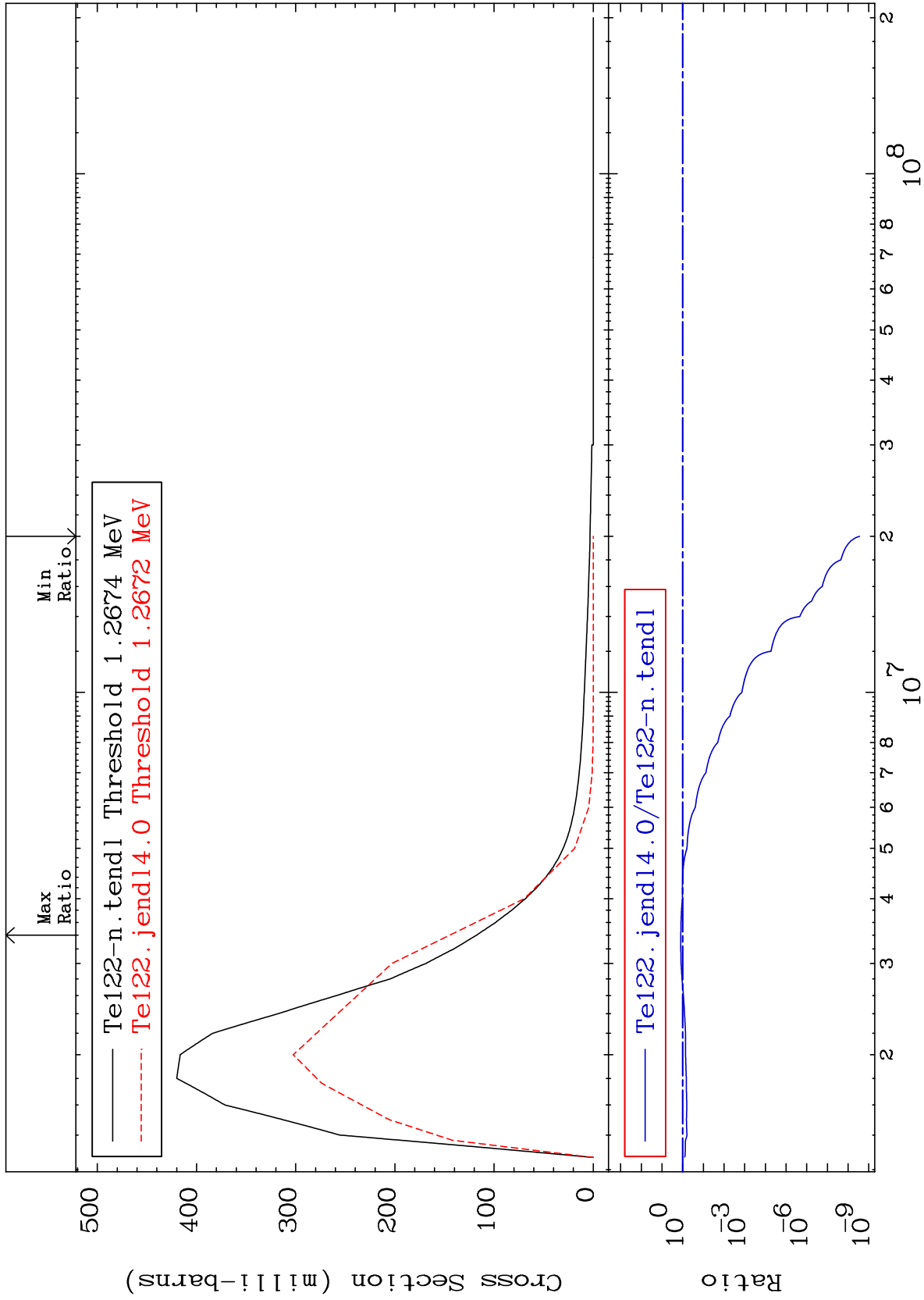
Cross Section



MAT 5231

1.257 MeV (n,n') Level
Cross Section

52-Te-122
-100.0 To 23.11 %



10

Incident Energy (eV)

52-Te-122

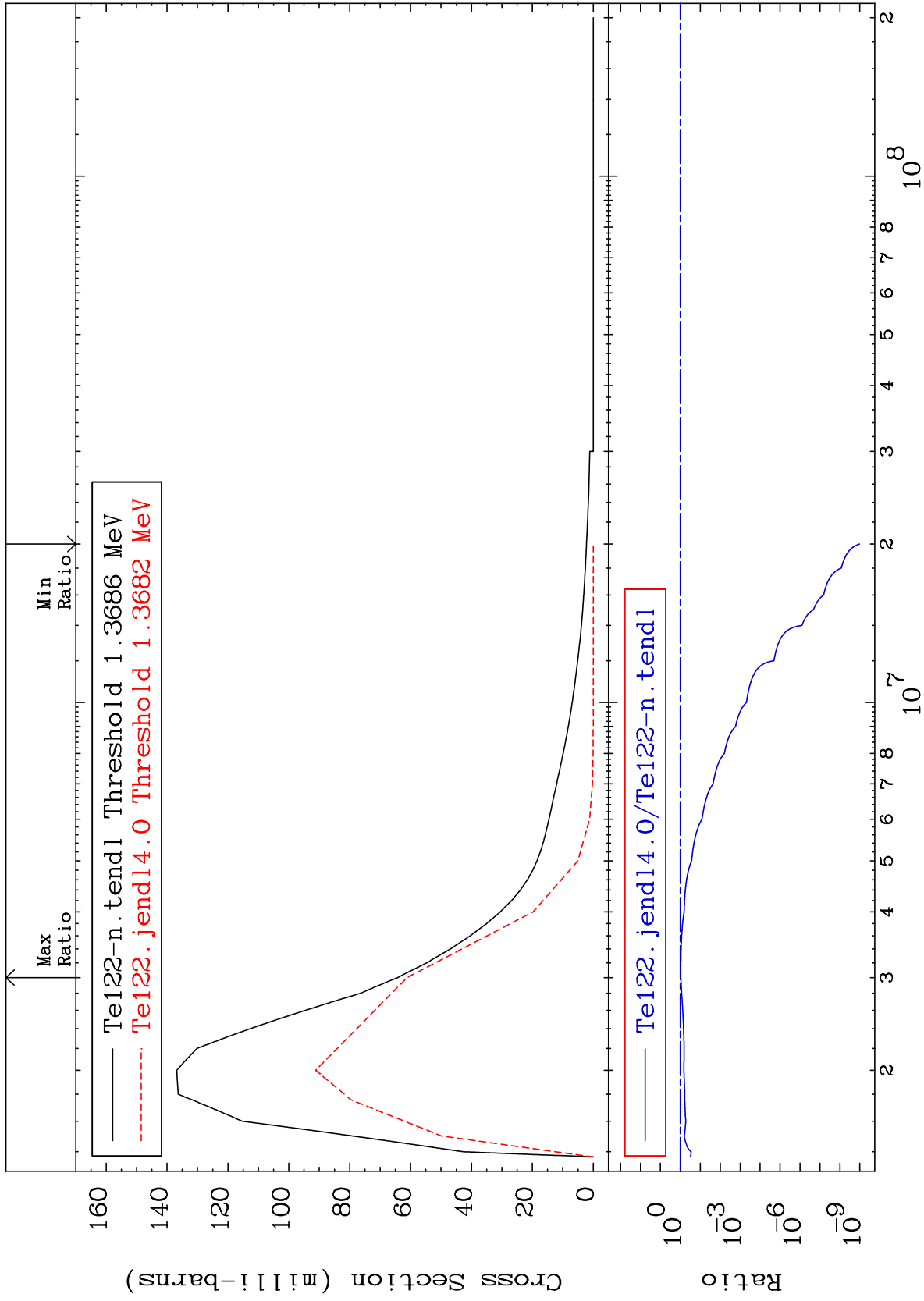
MAT 5231

1.357 MeV (n,n') Level

52-Te-122

-100.0 To -4.862%

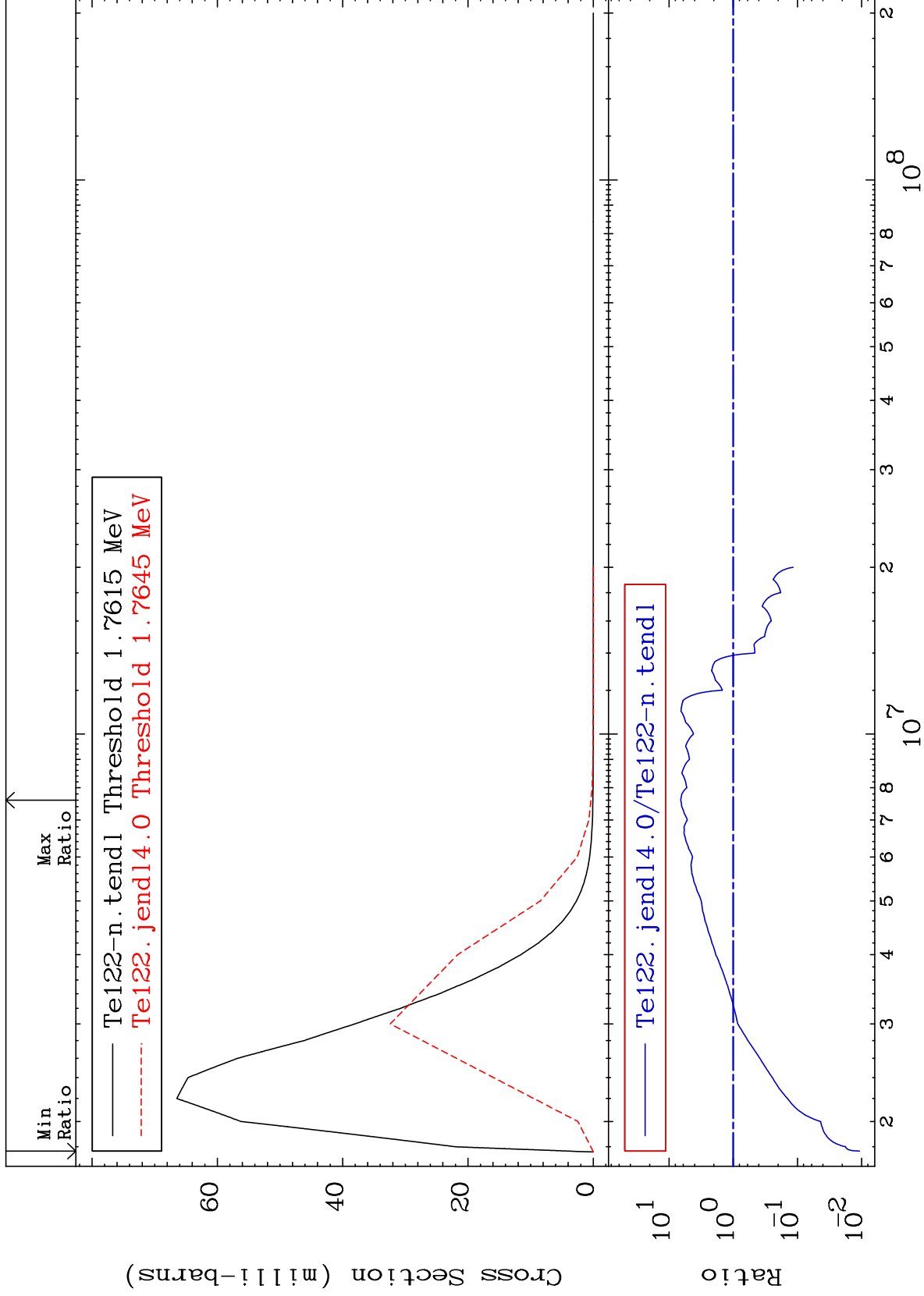
Cross Section



MAT 5231

1.747 MeV (n,n') Level
Cross Section

52-Te-122
-98.92 To 557.1 %



12

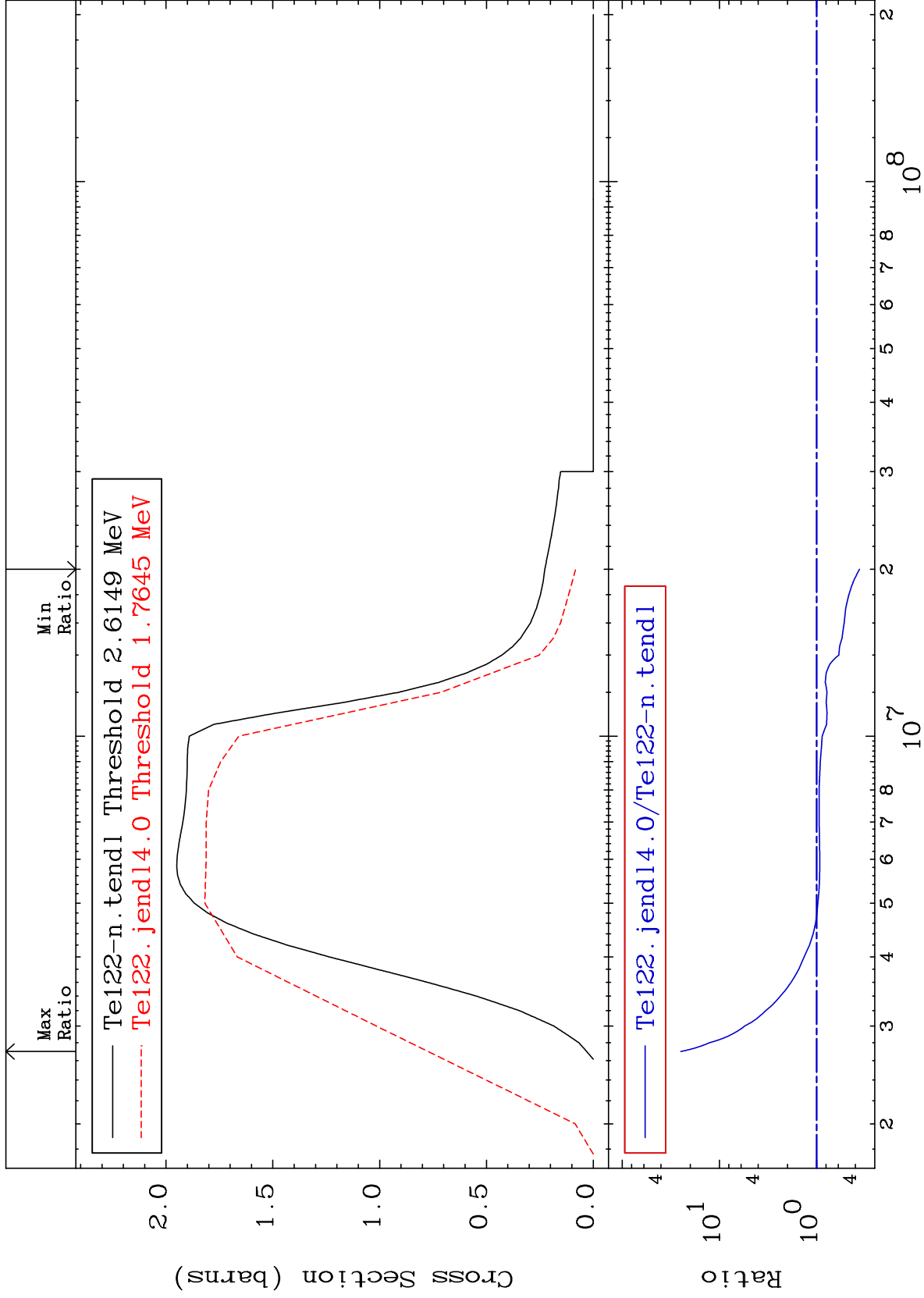
Incident Energy (eV)

52-Te-122

MAT 5231

(n, n') Continuum
Cross Section

52-Te-122
-63.77 To 2401. %



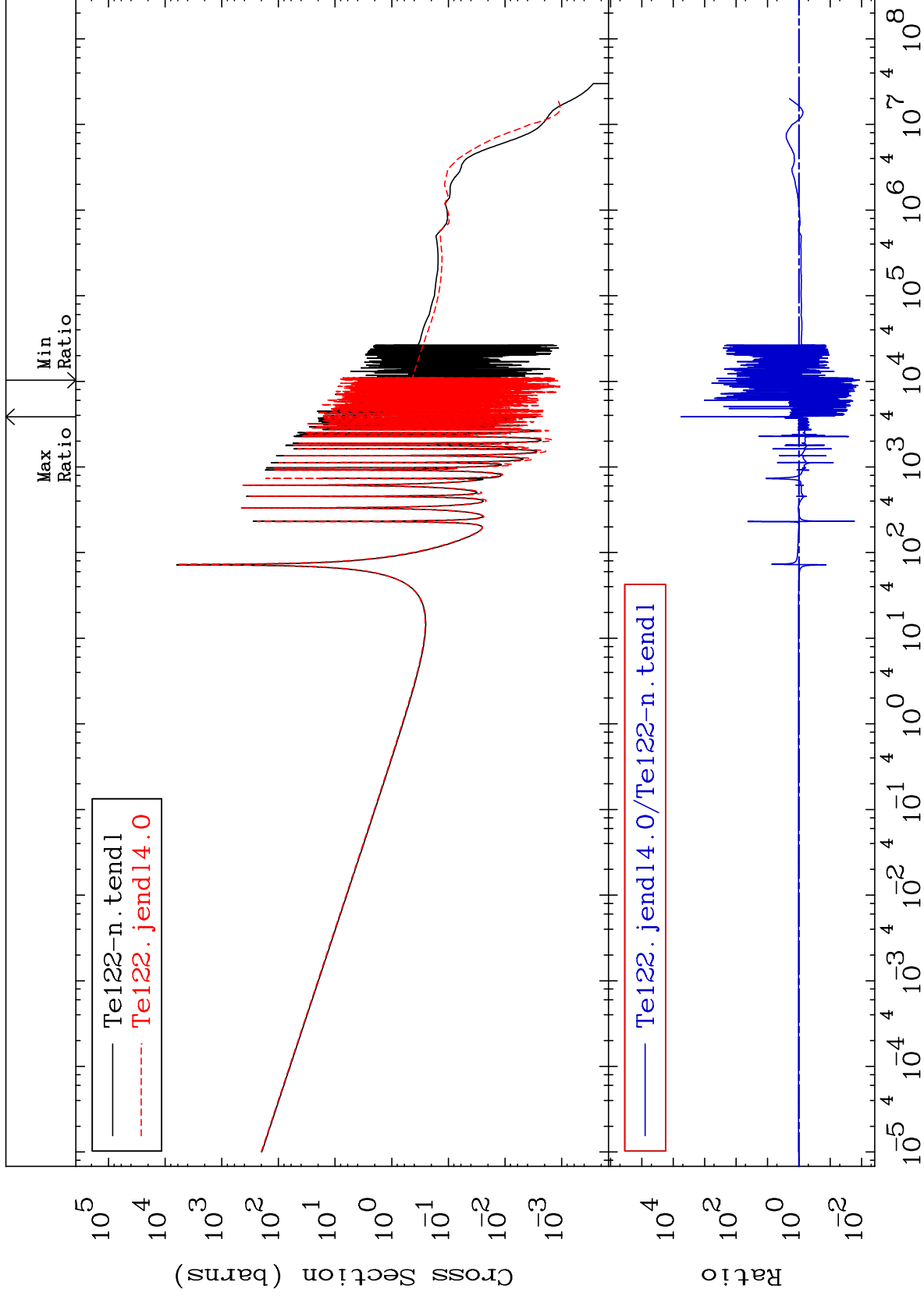
MAT 5231

(n, γ)

52-Te-122

Cross Section

-98.83 To 9999. %



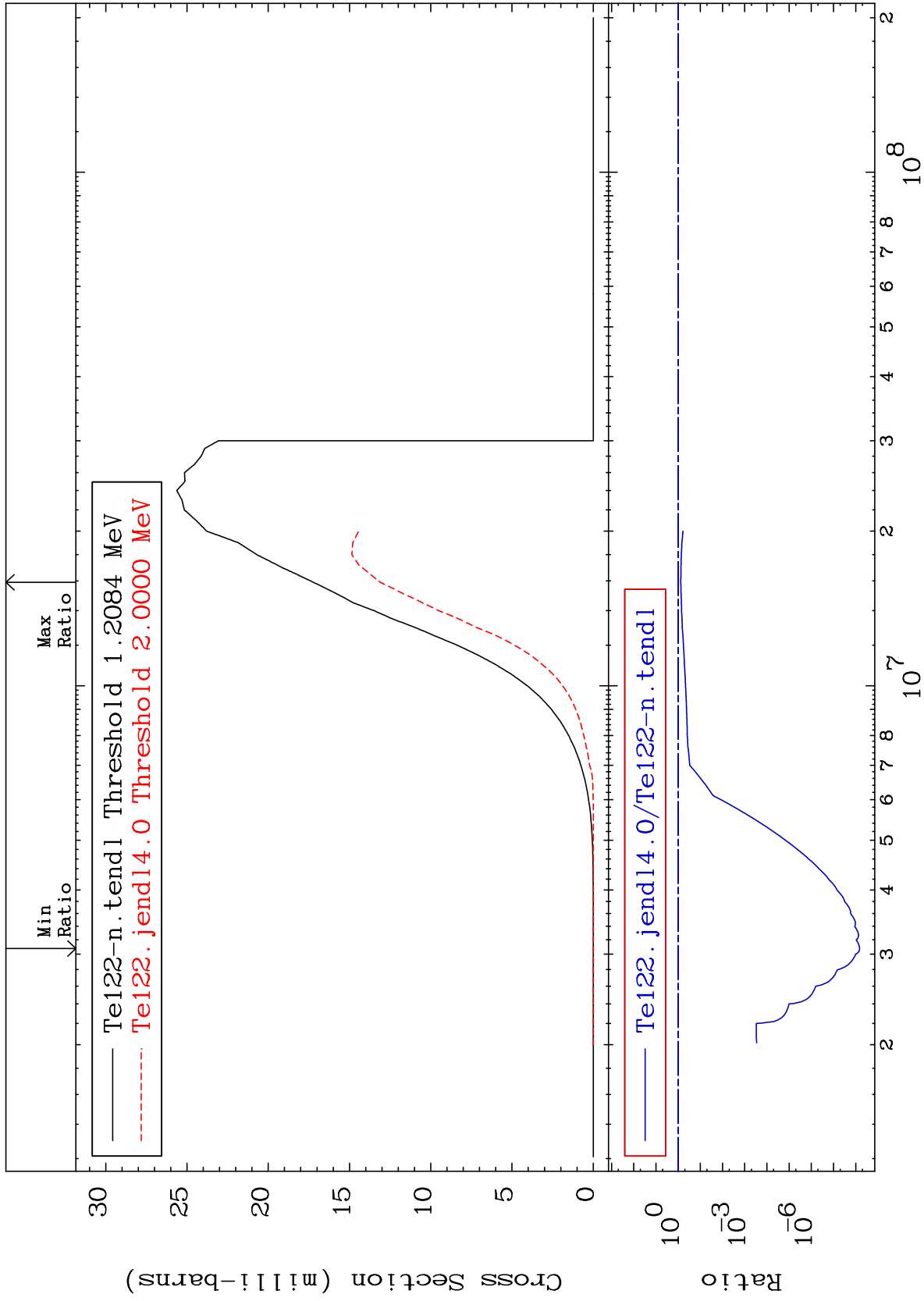
14

Incident Energy (eV)

52-Te-122

MAT 5231

(n, p)
Cross Section
52-Te-122
-100.0 To -23.86%



15

Incident Energy (eV)

52-Te-122

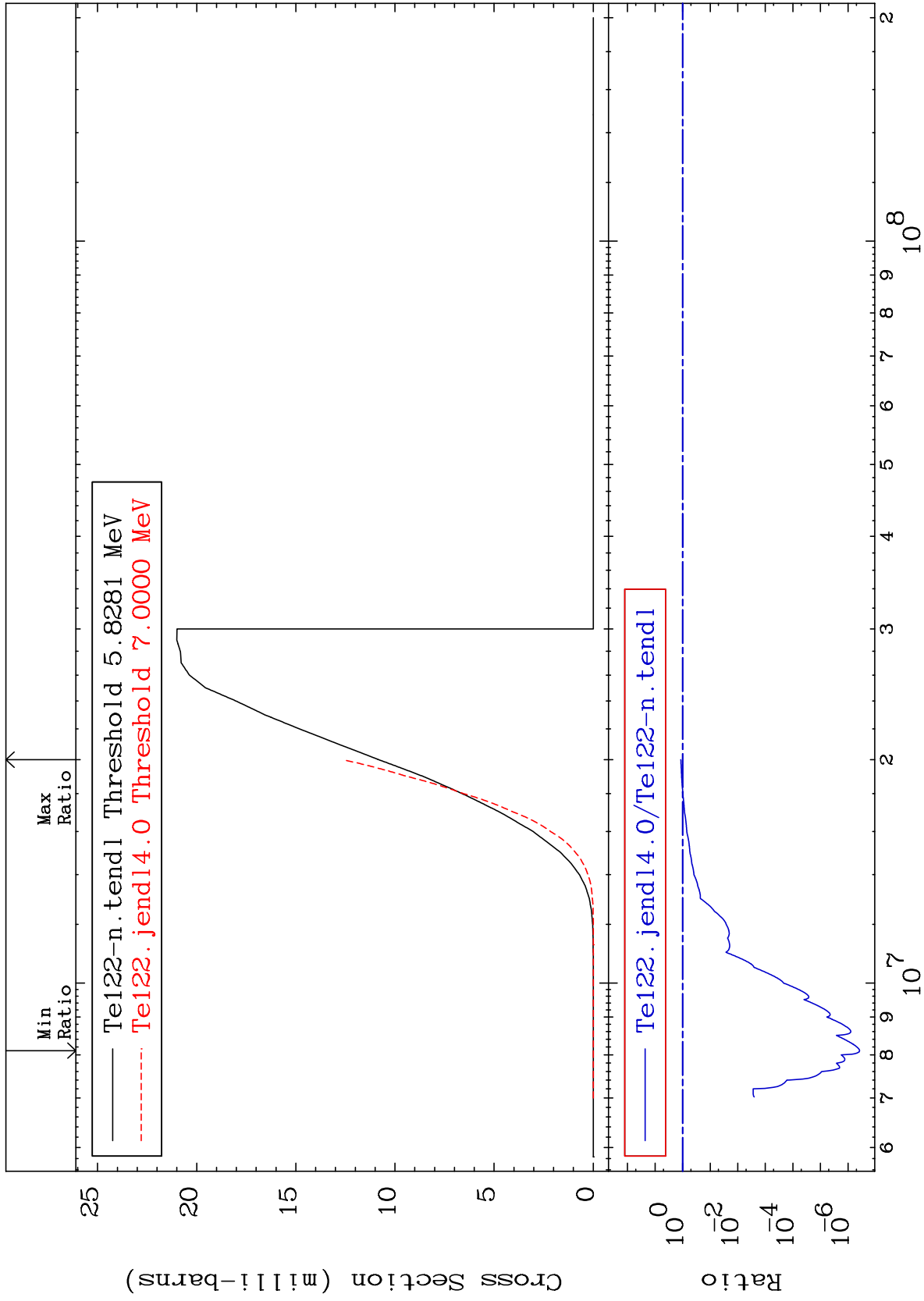
MAT 5231

(n, d)

52-Te-122

Cross Section

-100.0 To 16.69 %



16

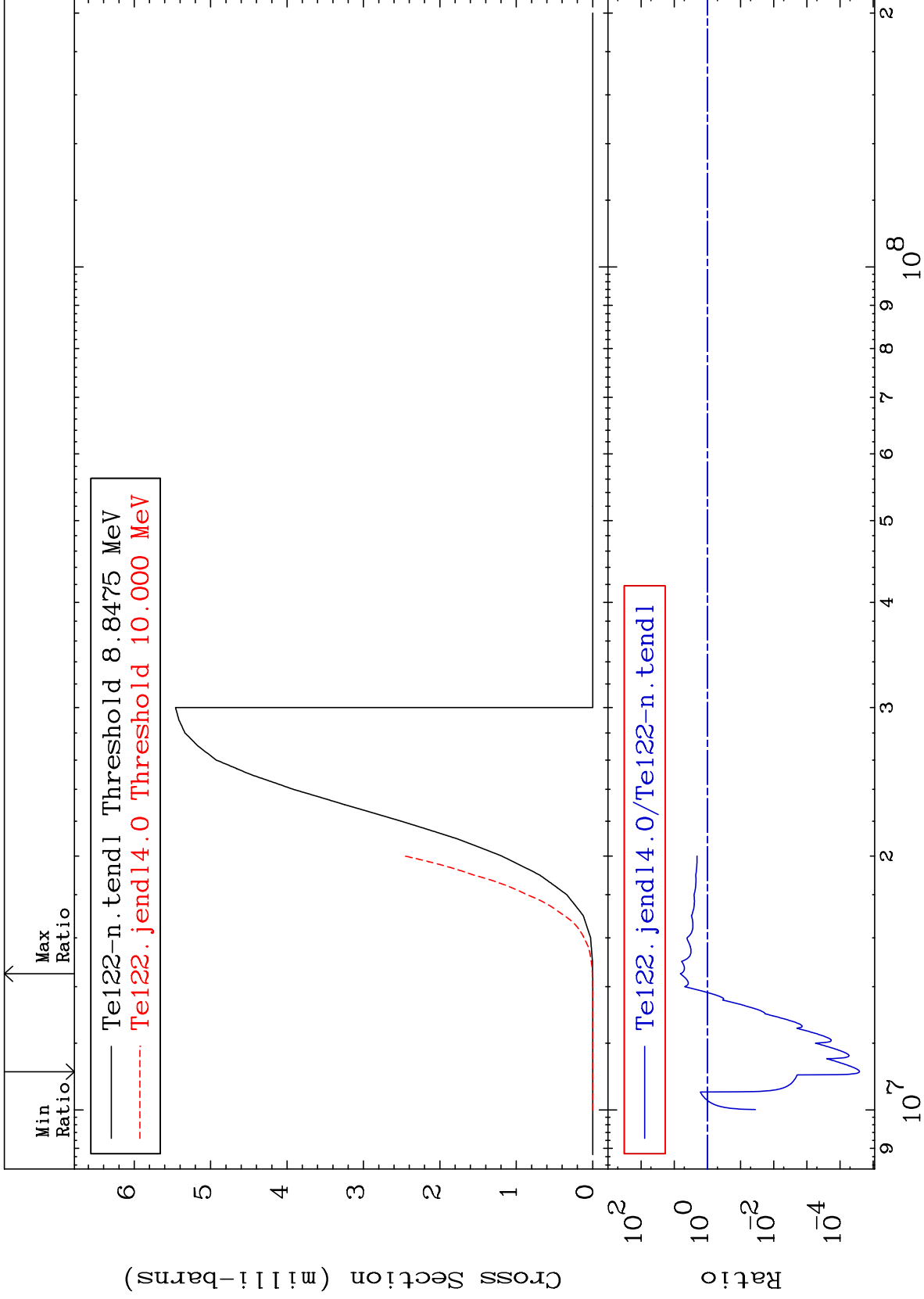
Incident Energy (eV)

52-Te-122

MAT 5231

(n, t)
Cross Section

52-Te-122
-100.0 To 551.9 %



17

Incident Energy (eV)

52-Te-122

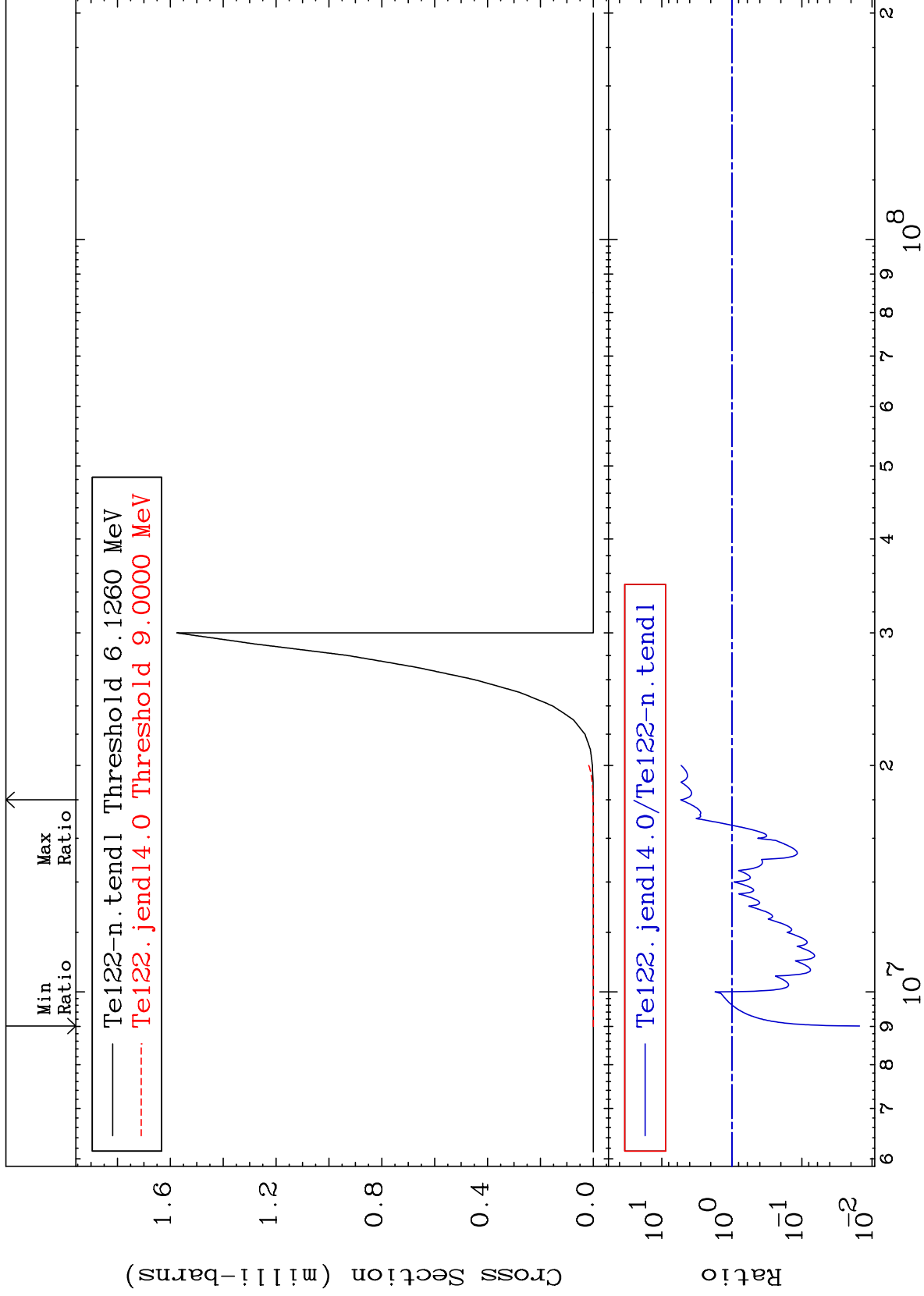
MAT 5231

(n, He-3)

52-Te-122

Cross Section

-98.49 To 435.5 %



18

Incident Energy (eV)

52-Te-122

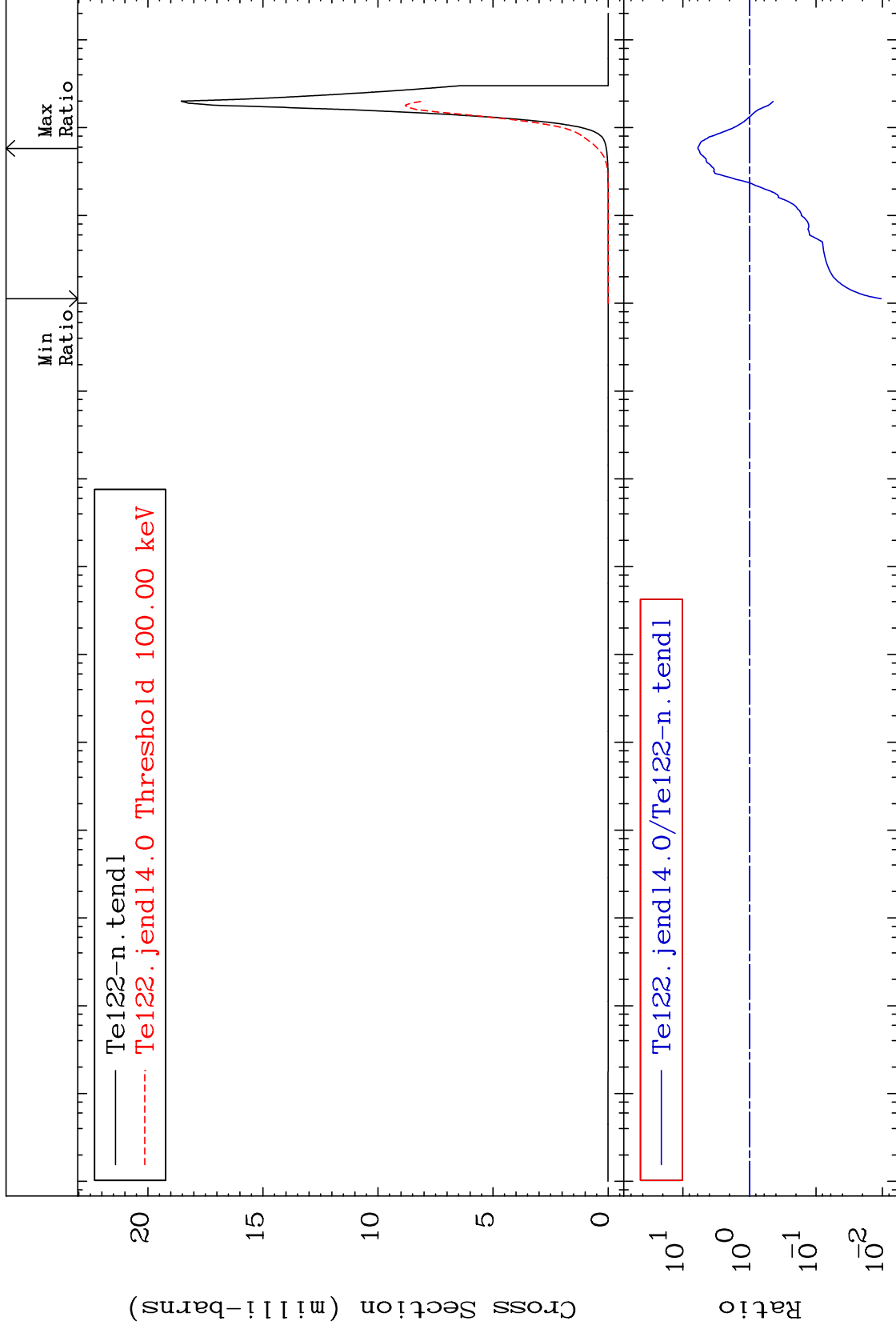
MAT 5231

(n, α)

52-Te-122

Cross Section

-98.95 To 494.2 %



19

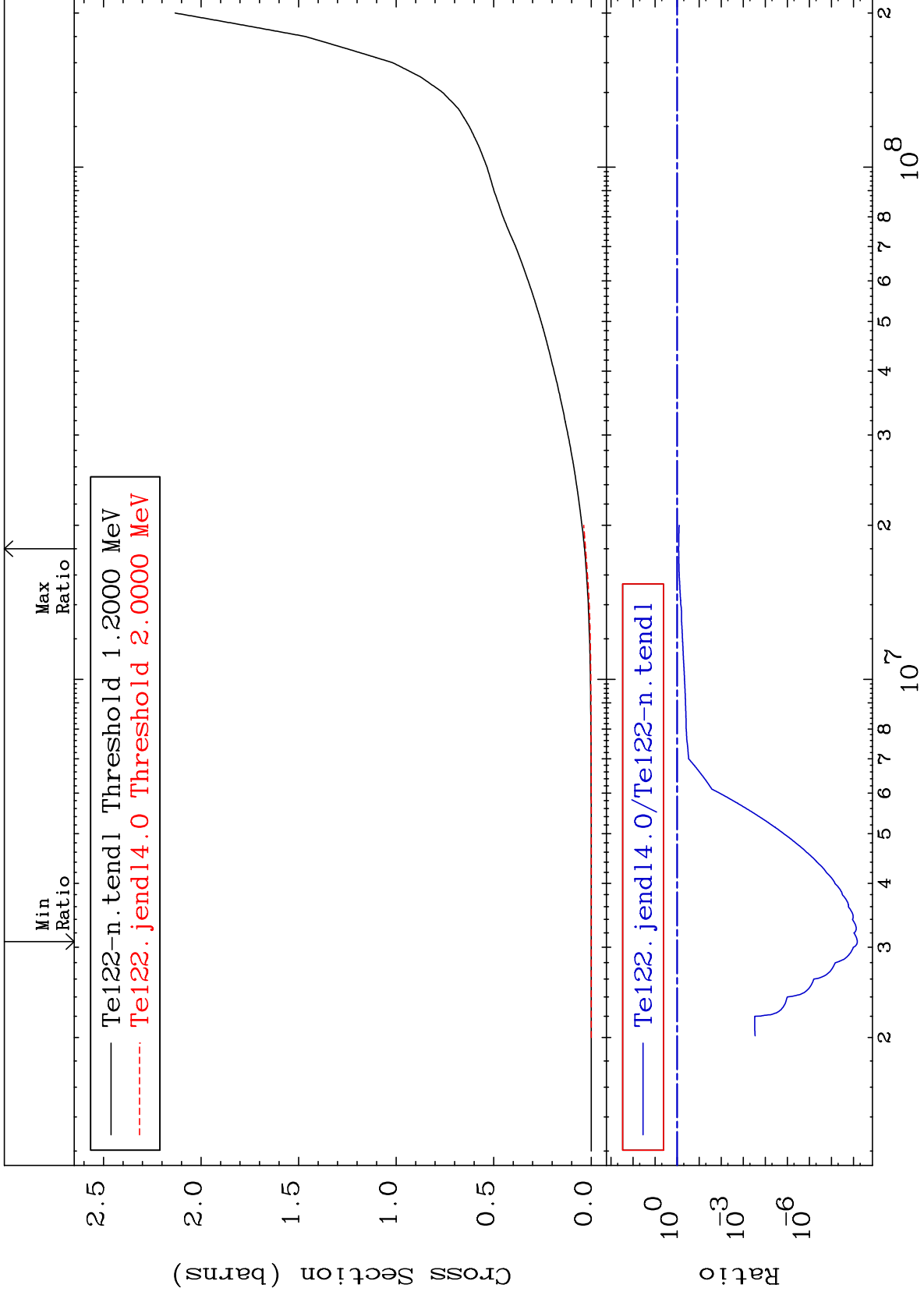
Incident Energy (eV)

52-Te-122

MAT 5231

Hydrogen Production
Cross Section

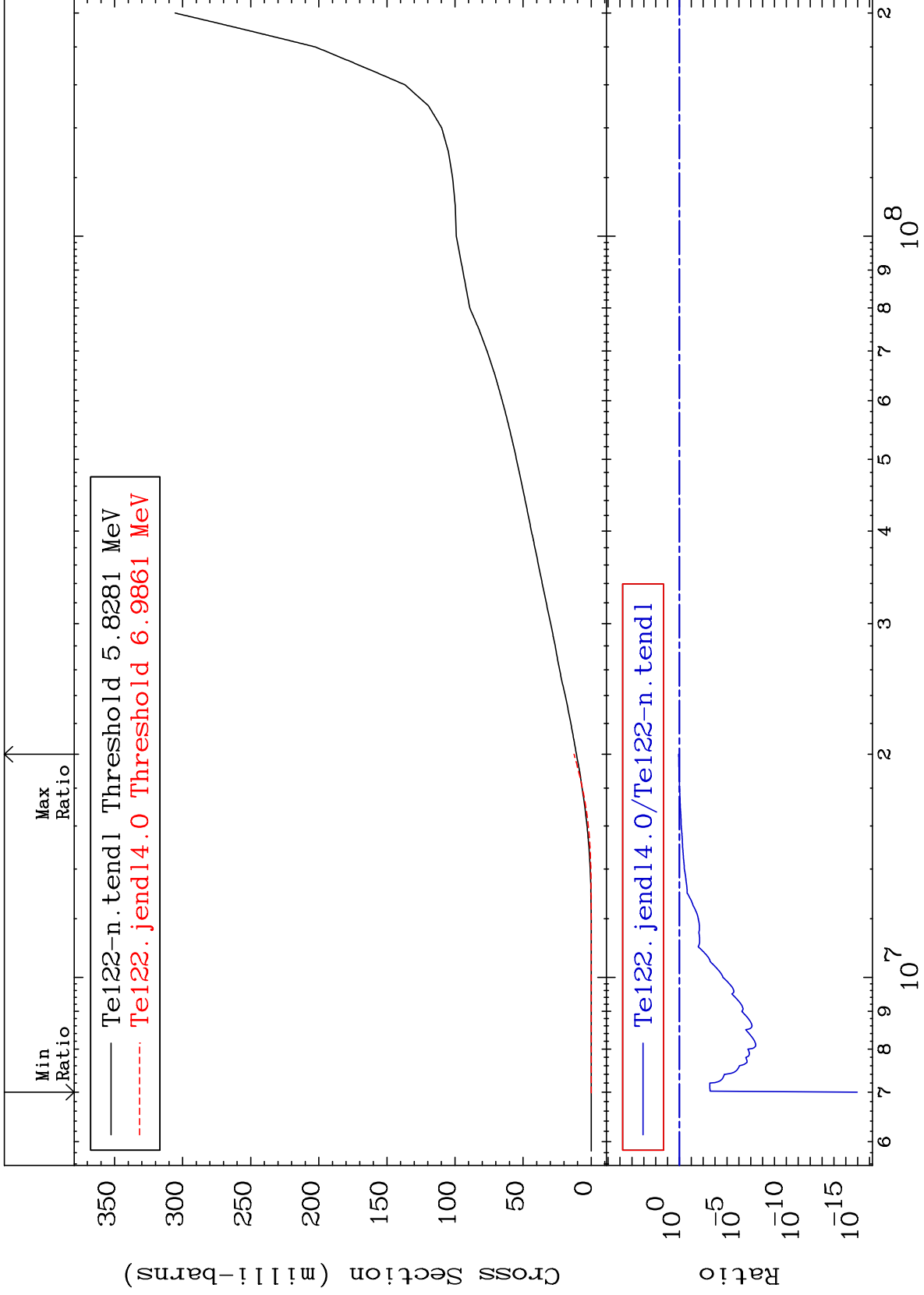
52-Te-122
-100.0 To -14.41%



MAT 5231

Deuterium Production
Cross Section

52-Te-122
-100.0 To 16.67 %



21

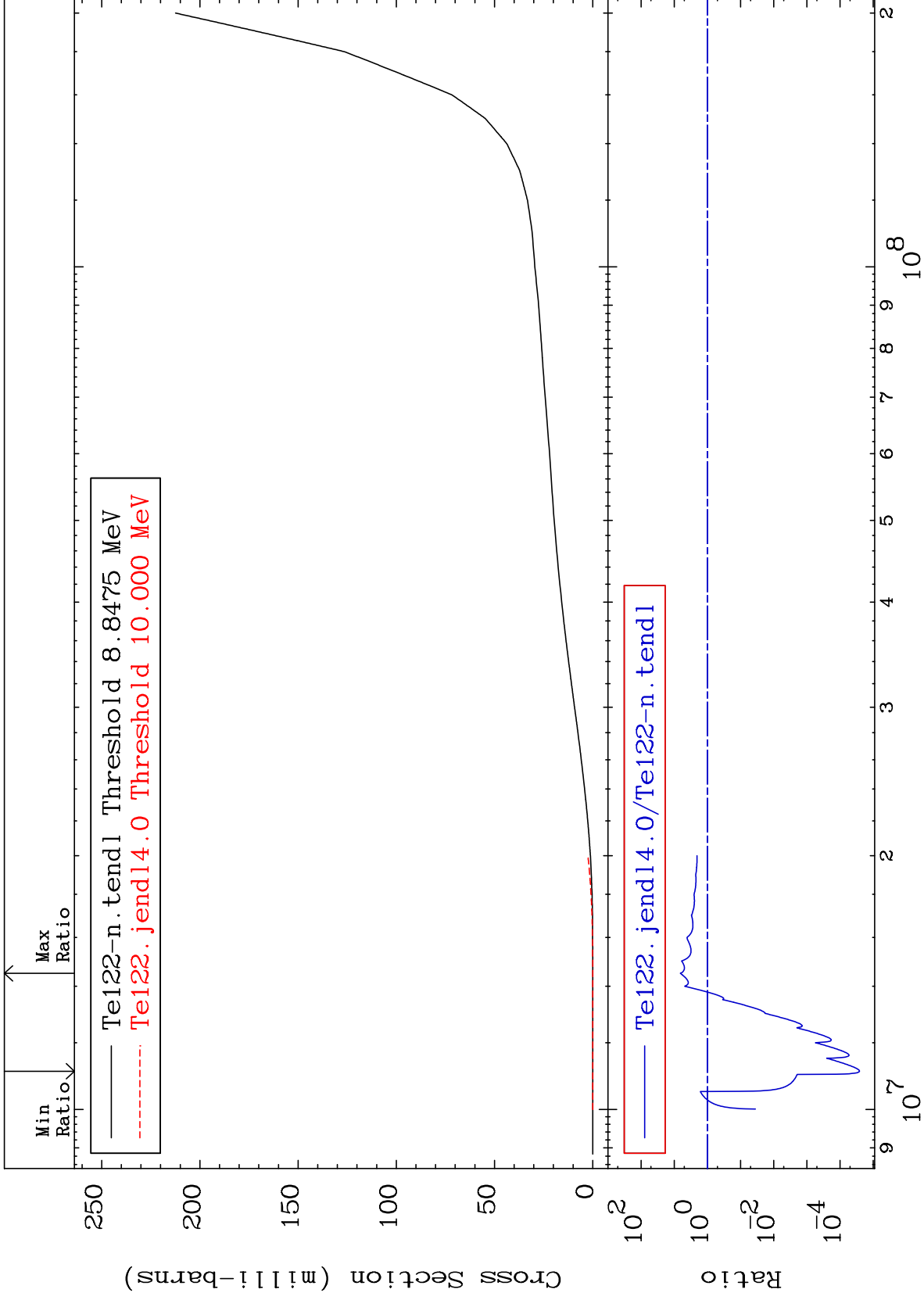
Incident Energy (eV)

52-Te-122

MAT 5231

Tritium Production
Cross Section

52-Te-122
-100.0 To 551.9 %



22

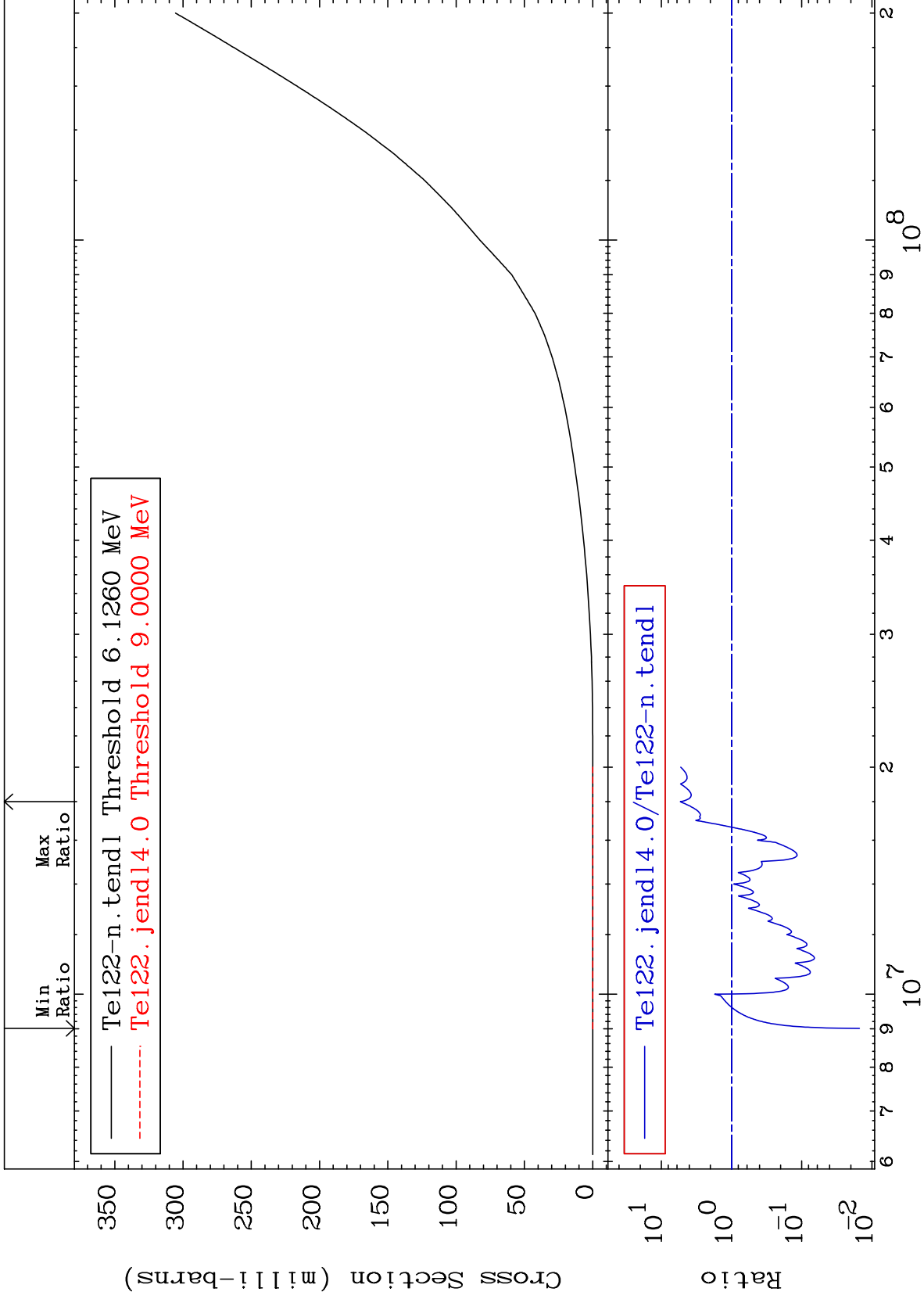
Incident Energy (eV)

52-Te-122

MAT 5231

He-3 Production
Cross Section

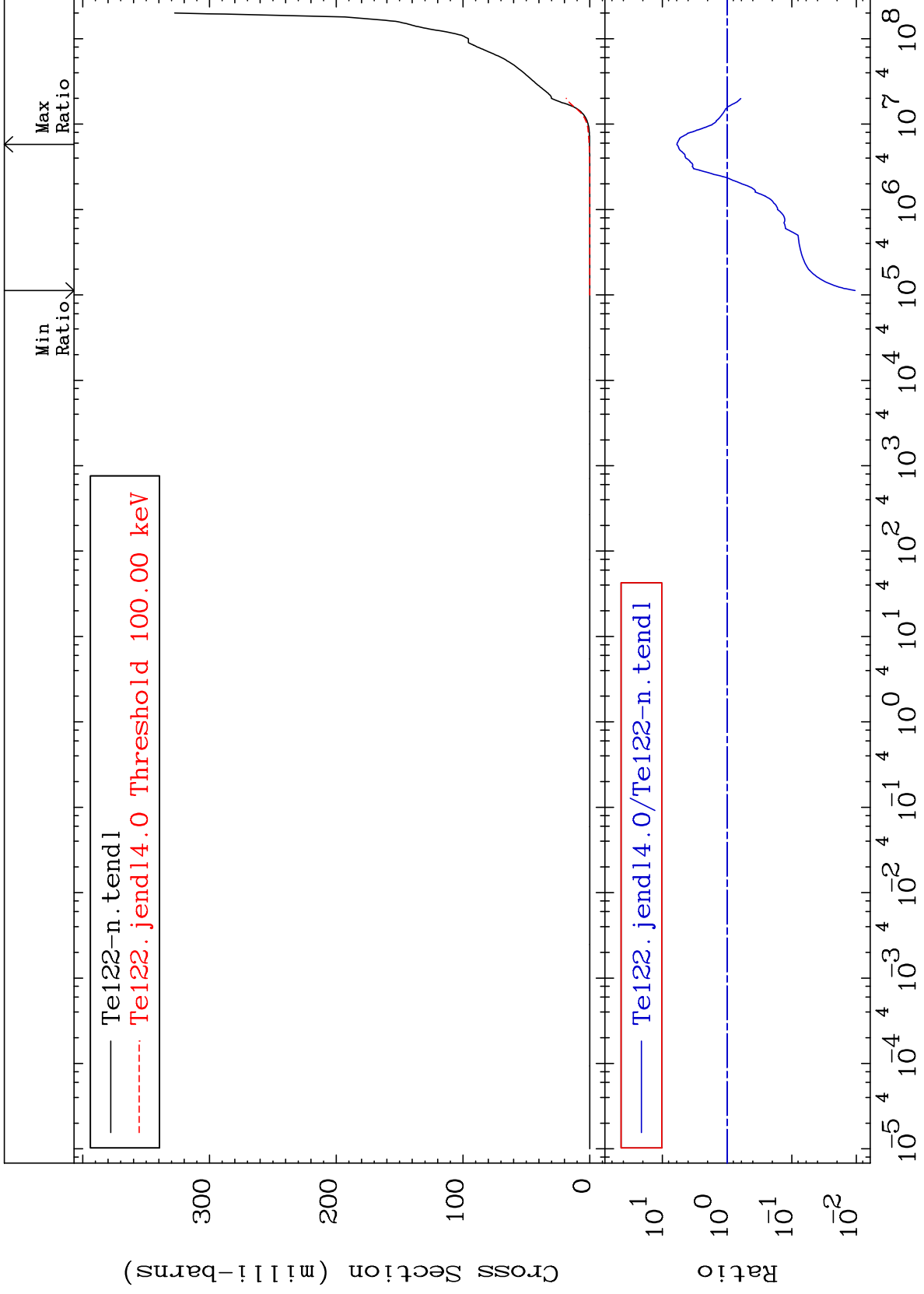
52-Te-122
-98.49 To 435.5 %



MAT 5231

He-4 Production
Cross Section

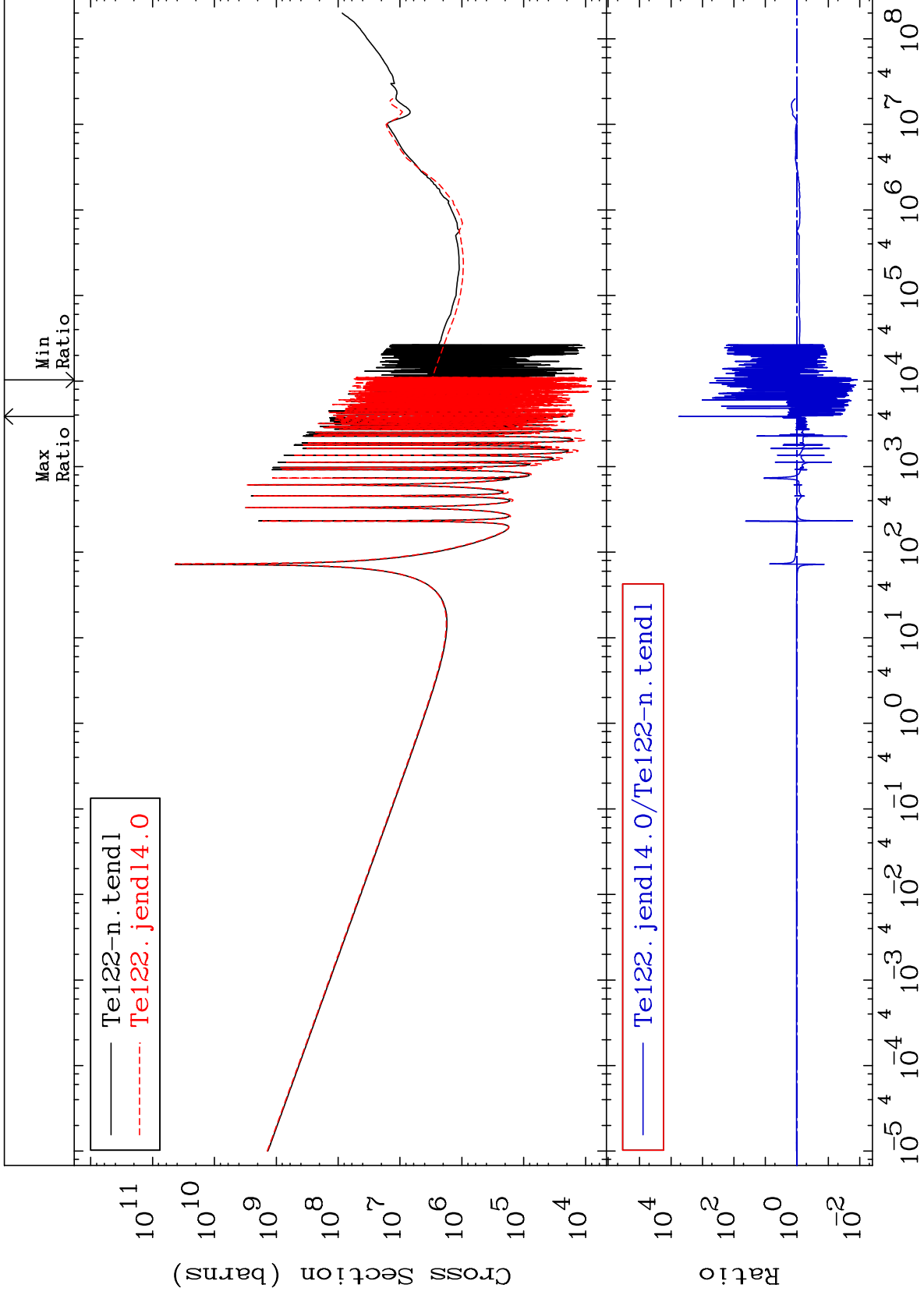
52-Te-122
-98.95 To 494.2 %



MAT 5231

Kerma total (eV-barns)
Cross Section

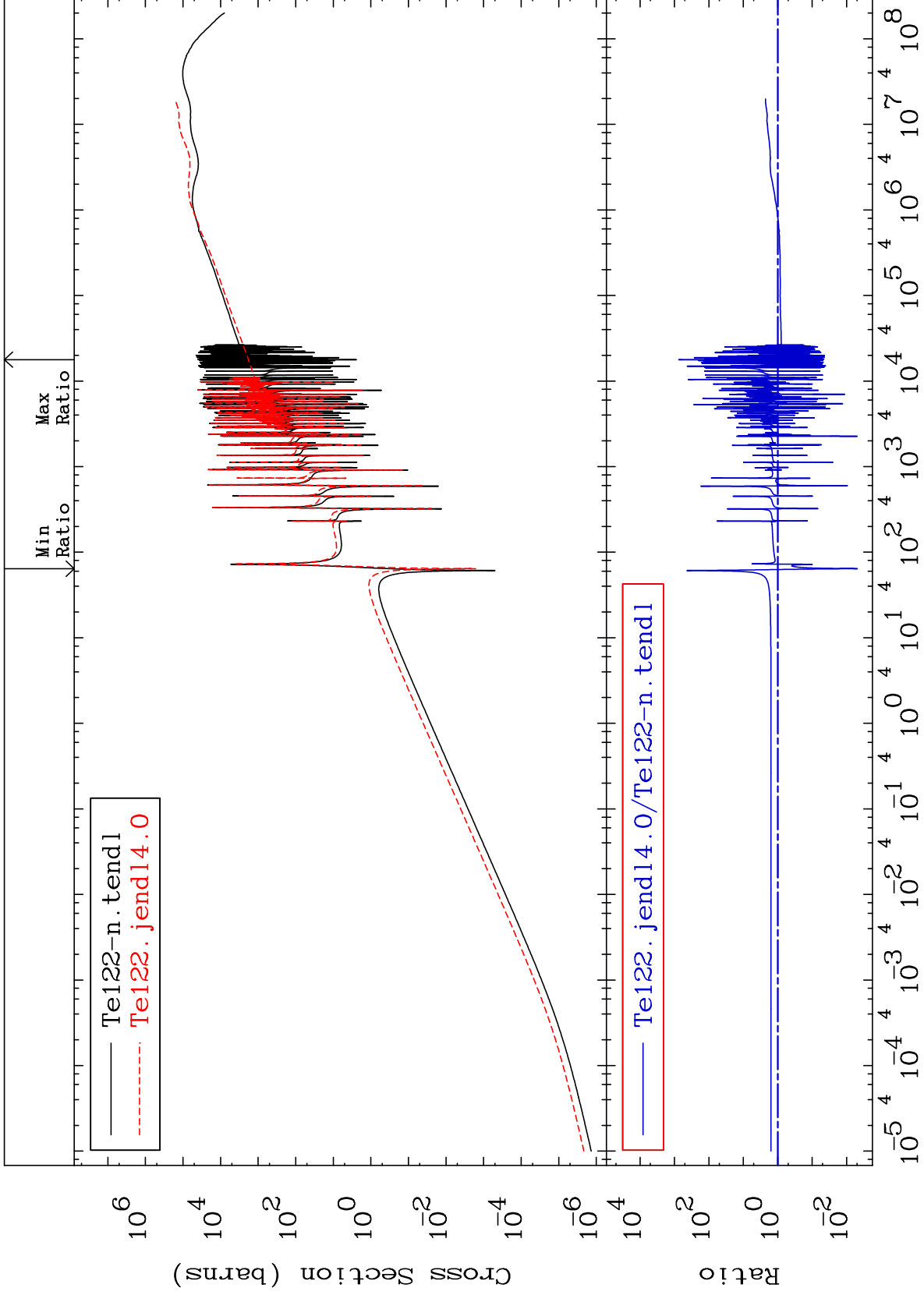
52-Te-122
-98.79 To 9999. %



MAT 5231

Kerma elastic
Cross Section

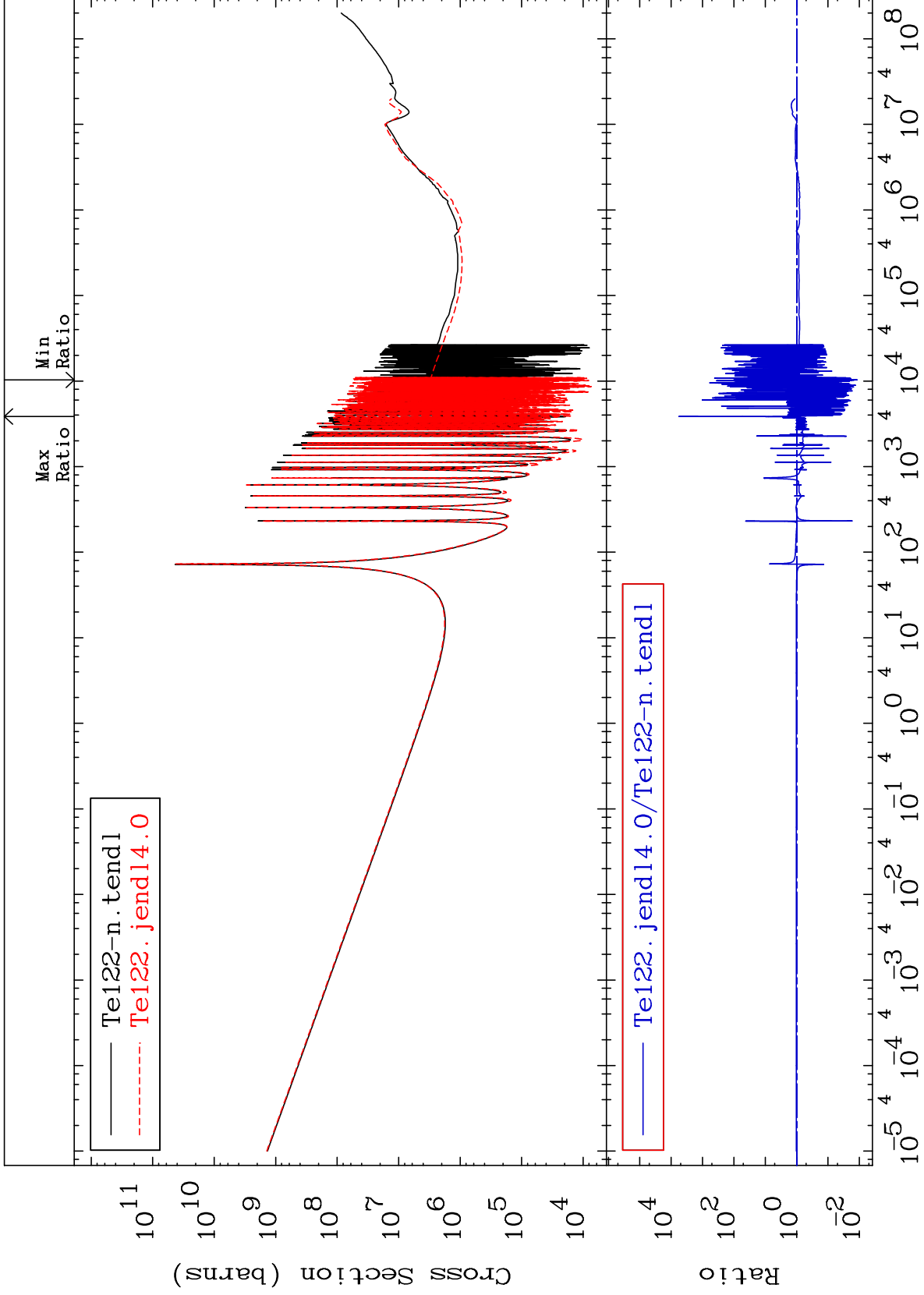
52-Te-122
-99.51 To 9999. %

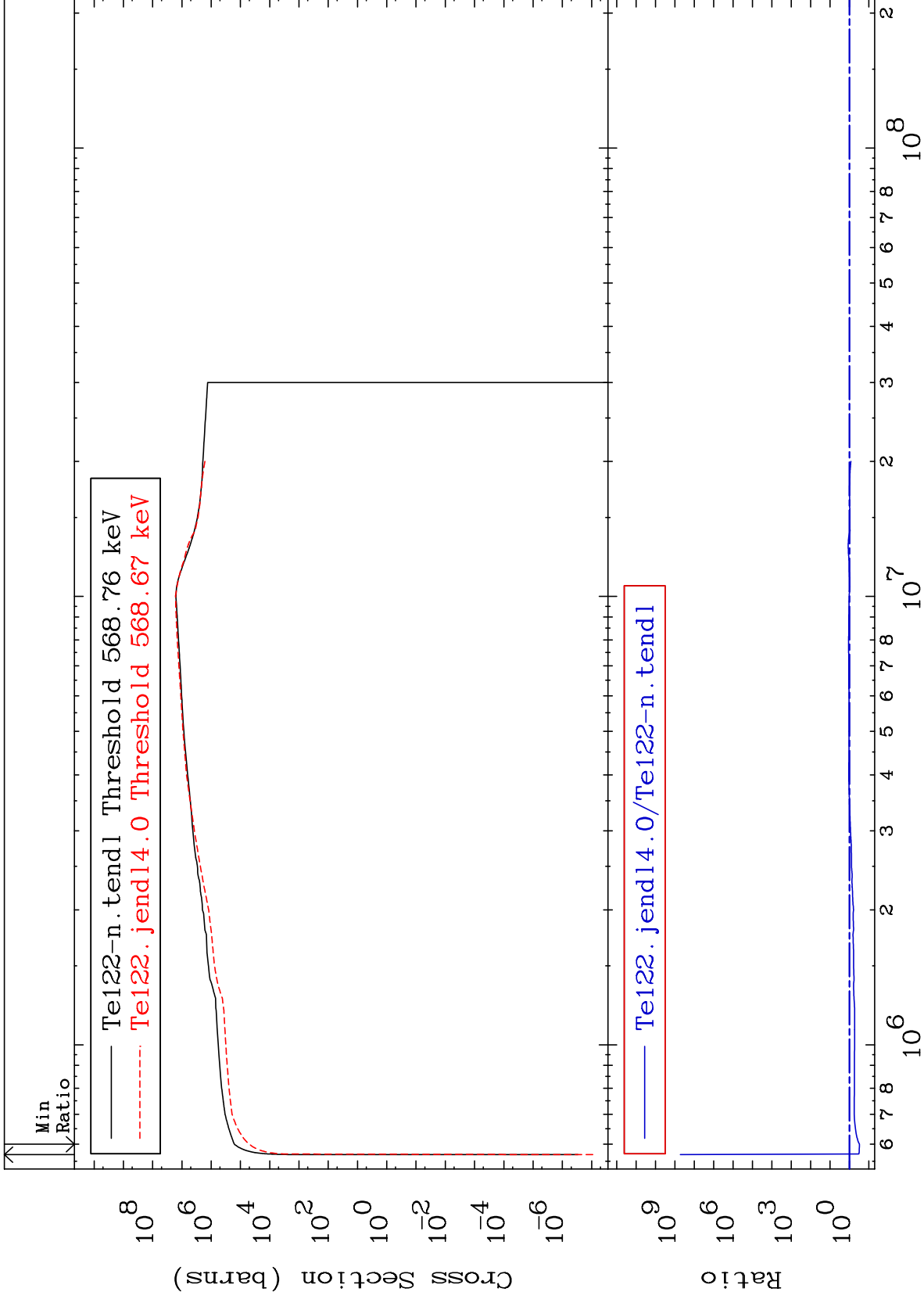


MAT 5231

Kerma non-elastic (all but mt2)
Cross Section

52-Te-122
-98.83 To 9999. %

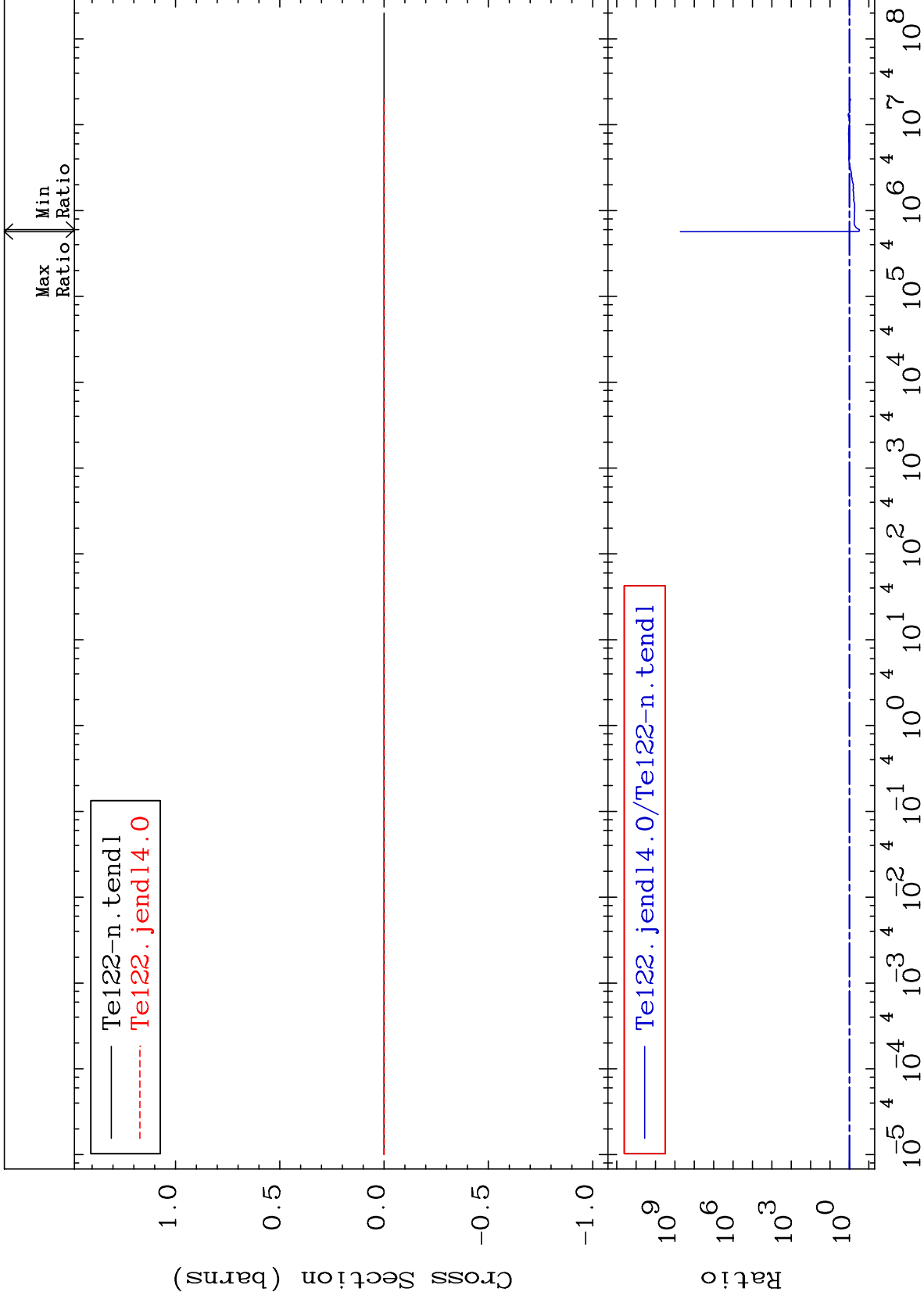




MAT 5231

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

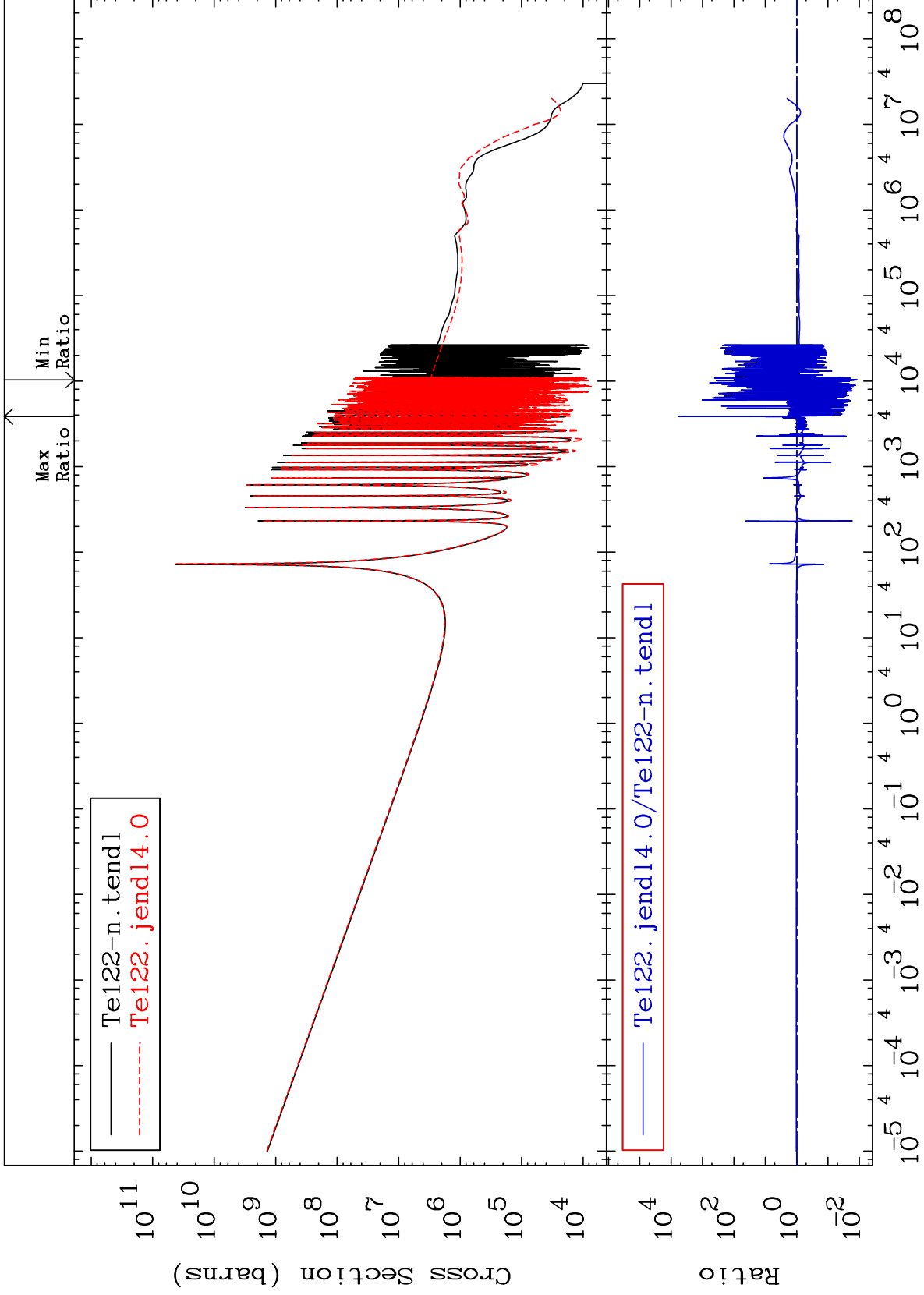
52-Te-122
-69.23 To 9999. %



MAT 5231

Kerma capture (mt102)
Cross Section

52-Te-122
-98.83 To 9999. %



30

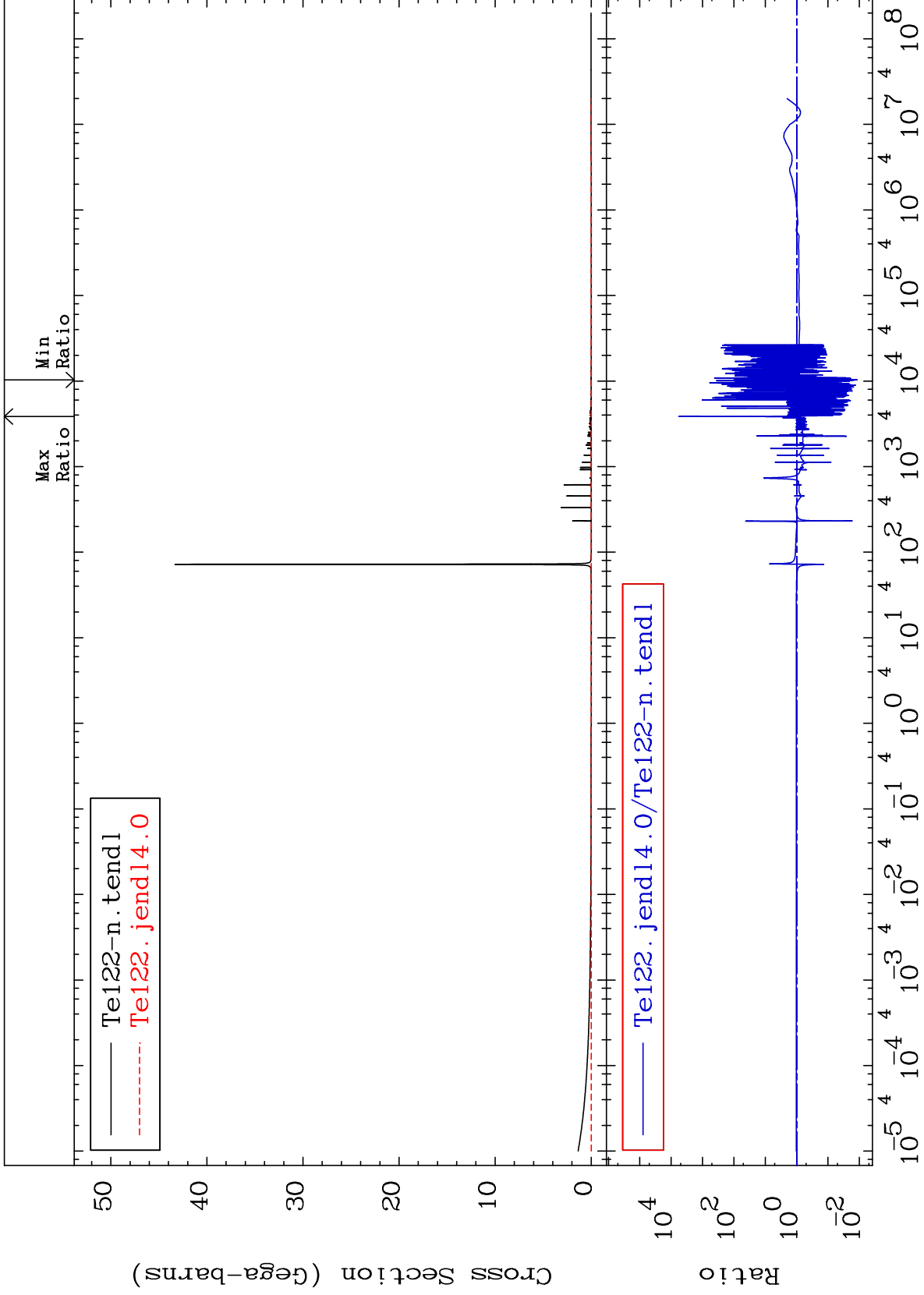
Incident Energy (eV)

52-Te-122

MAT 5231

Total photon (eV-barns)
Cross Section

52-Te-122
-98.83 To 9999. %



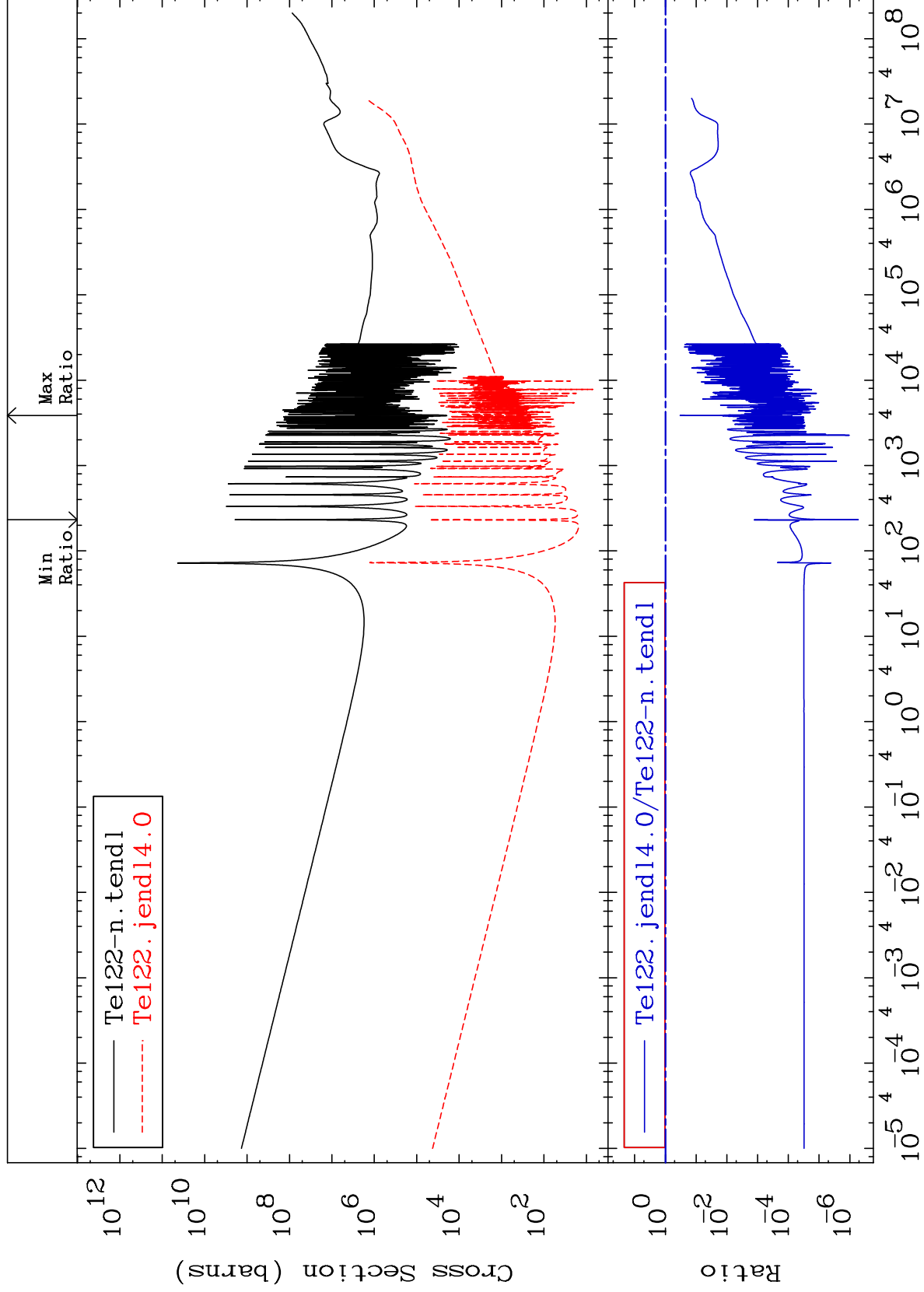
MAT 5231

Total kinematic kerma (high limit)

52-Te-122

Cross Section

-100.0 To -66.62%



32

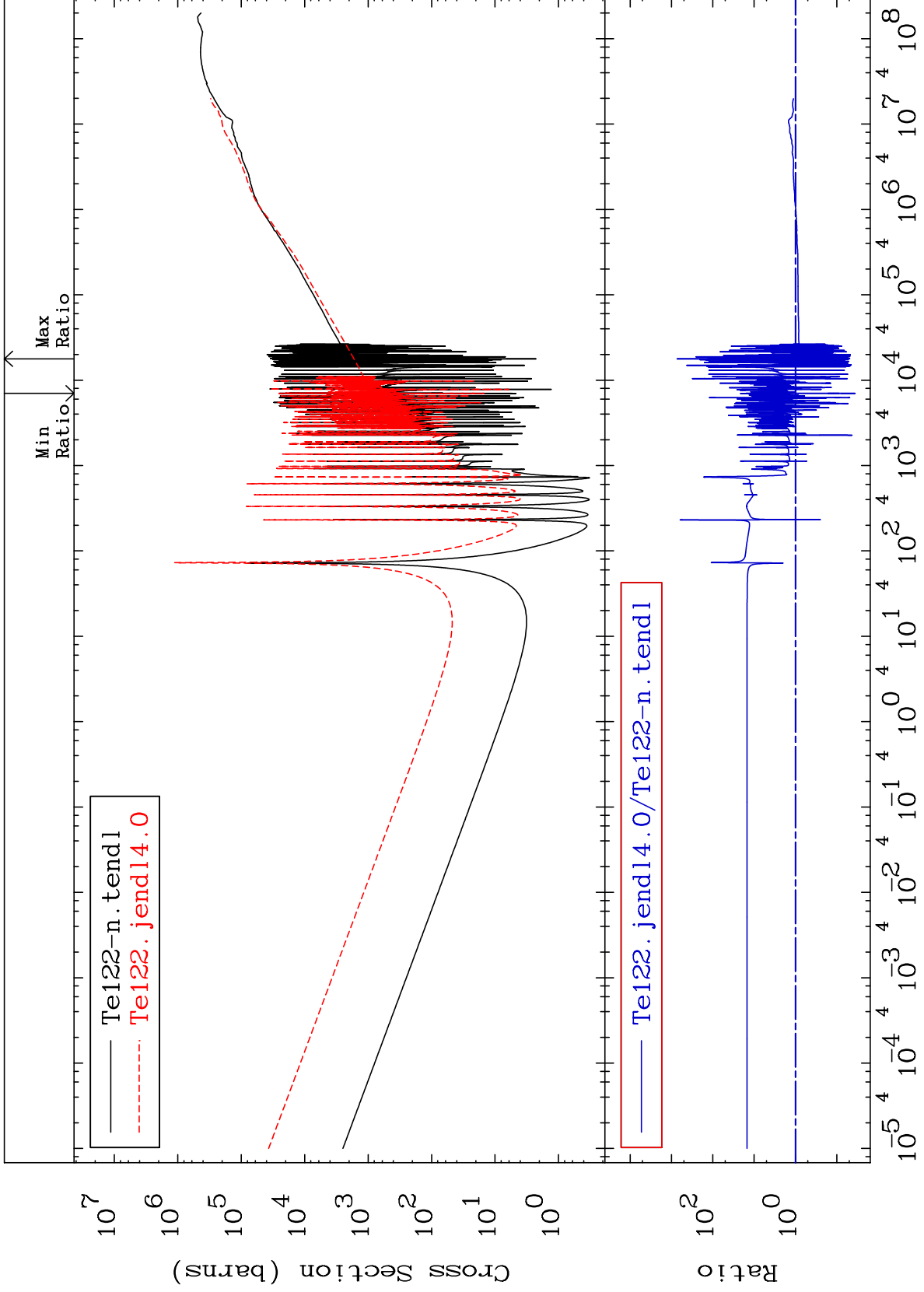
Incident Energy (eV)

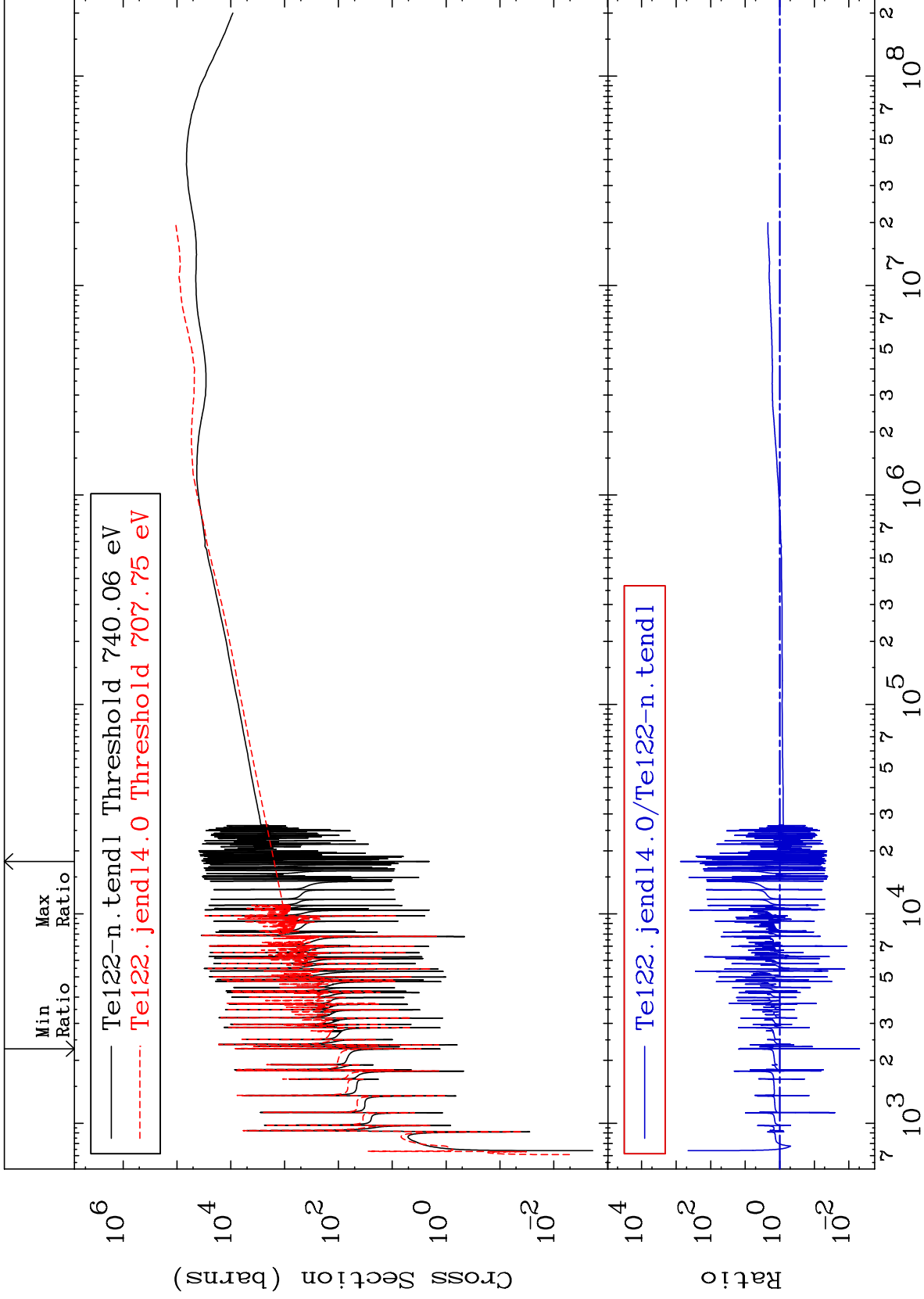
52-Te-122

MAT 5231

Dpa total (eV-barns)
Cross Section

52-Te-122
-96.39 To 9999. %





MAT 5231

Dpa inelastic (mt51-91)
Cross Section

52-Te-122
-70.51 To 9999. %

