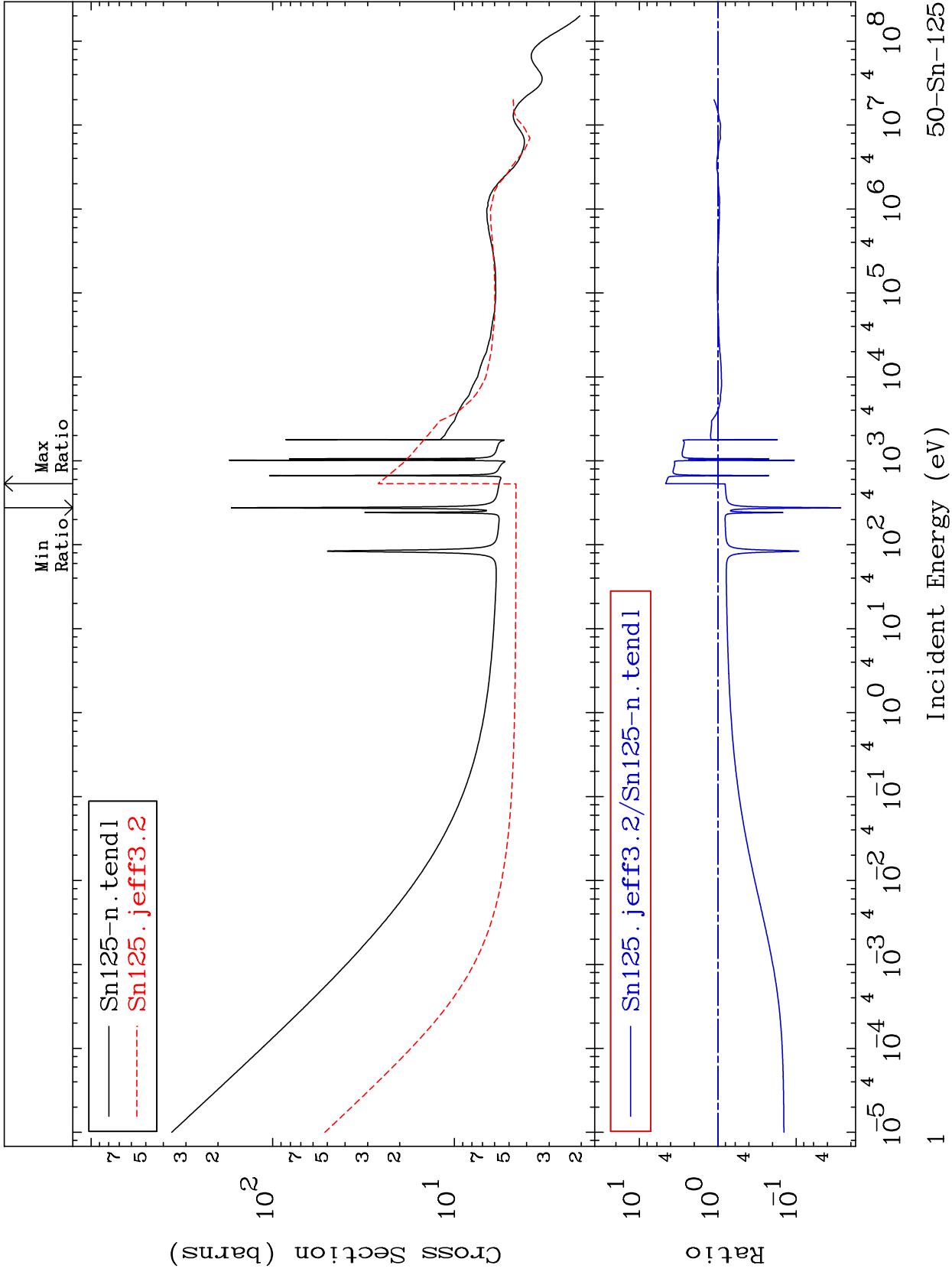


MAT 5064

Total
Cross Section

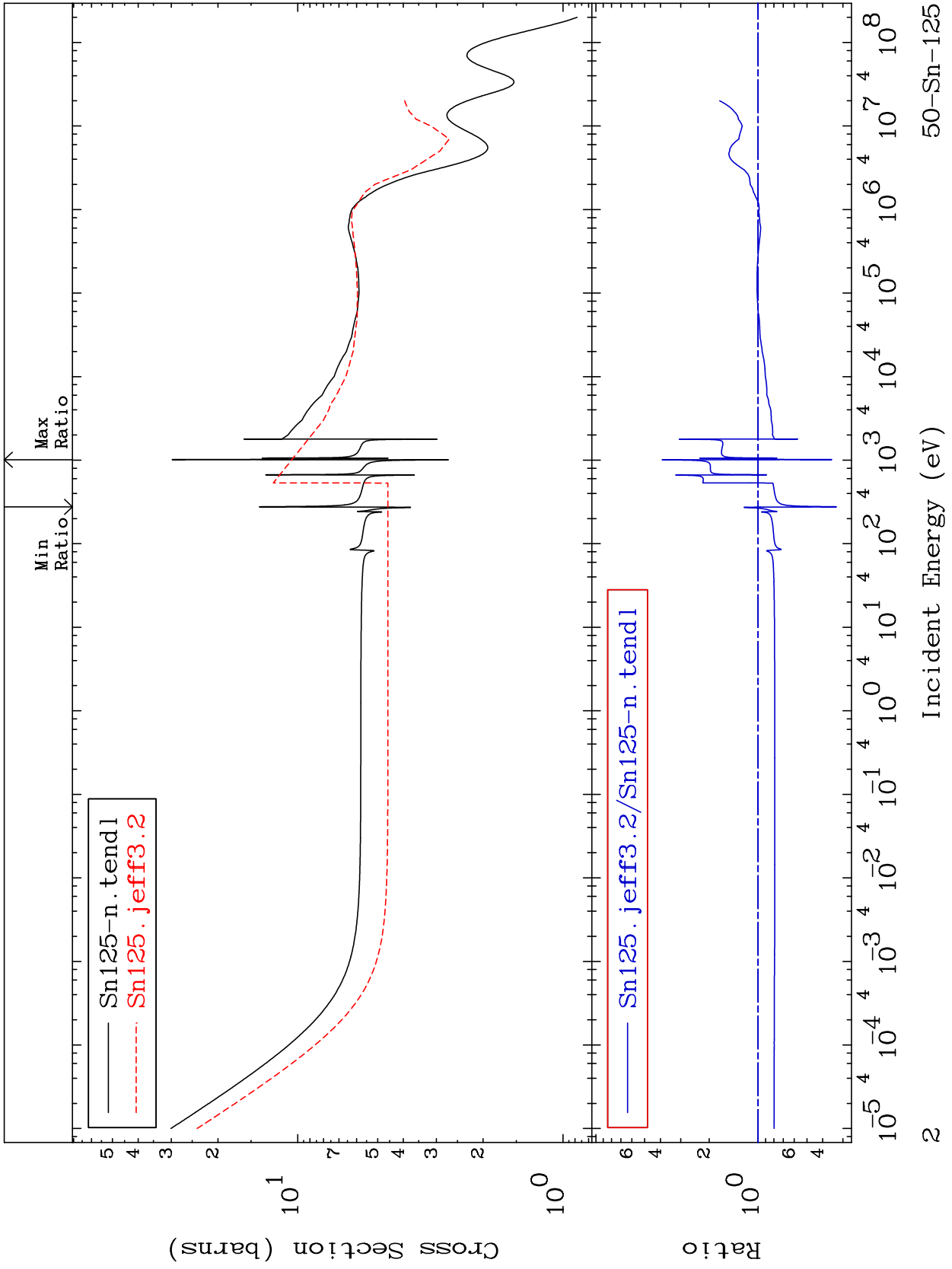
50-Sn-125
-97.30 To 364.7 %



MAT 5064

Elastic
Cross Section

50-Sn-125
-67.18 To 289.2 %



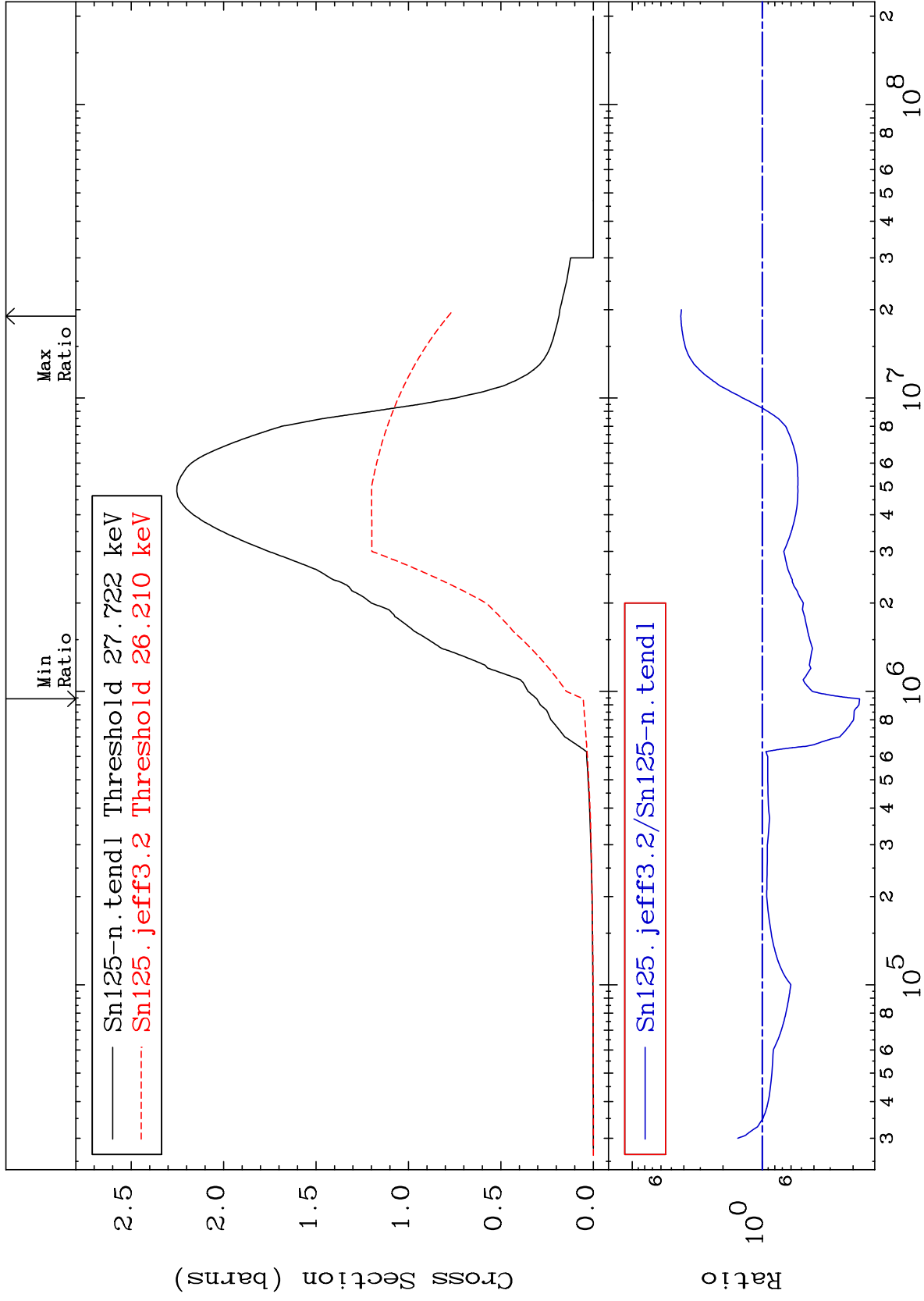
50-Sn-125

Incident Energy (eV)

MAT 5064

50-Sn-125
-82.16 To 323.1 %

Inelastic
Cross Section



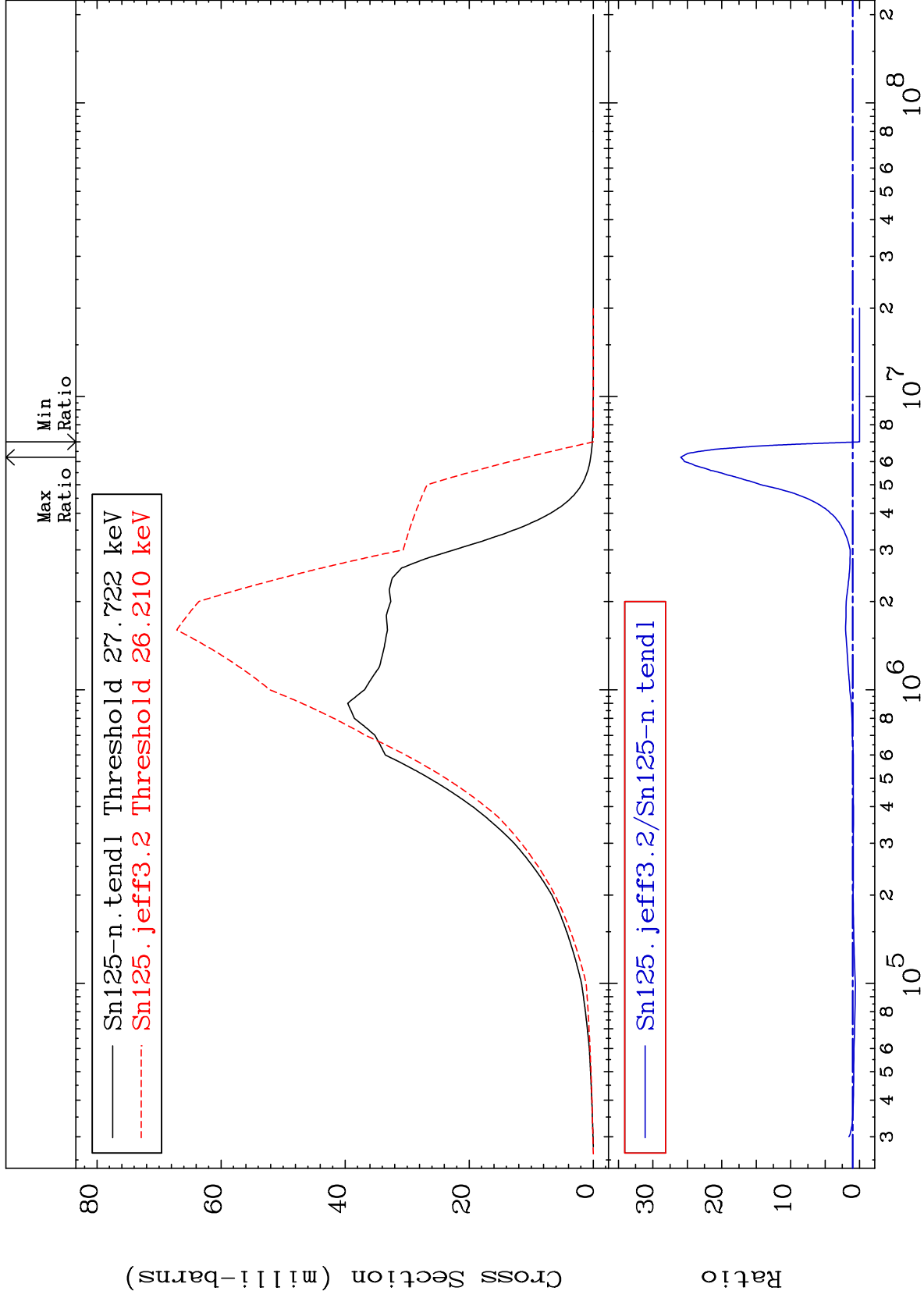
MAT 5064

27.50 keV (n,n') Level

50-Sn-125

-100.0 To 2495. %

Cross Section



Incident Energy (eV)

50-Sn-125

4

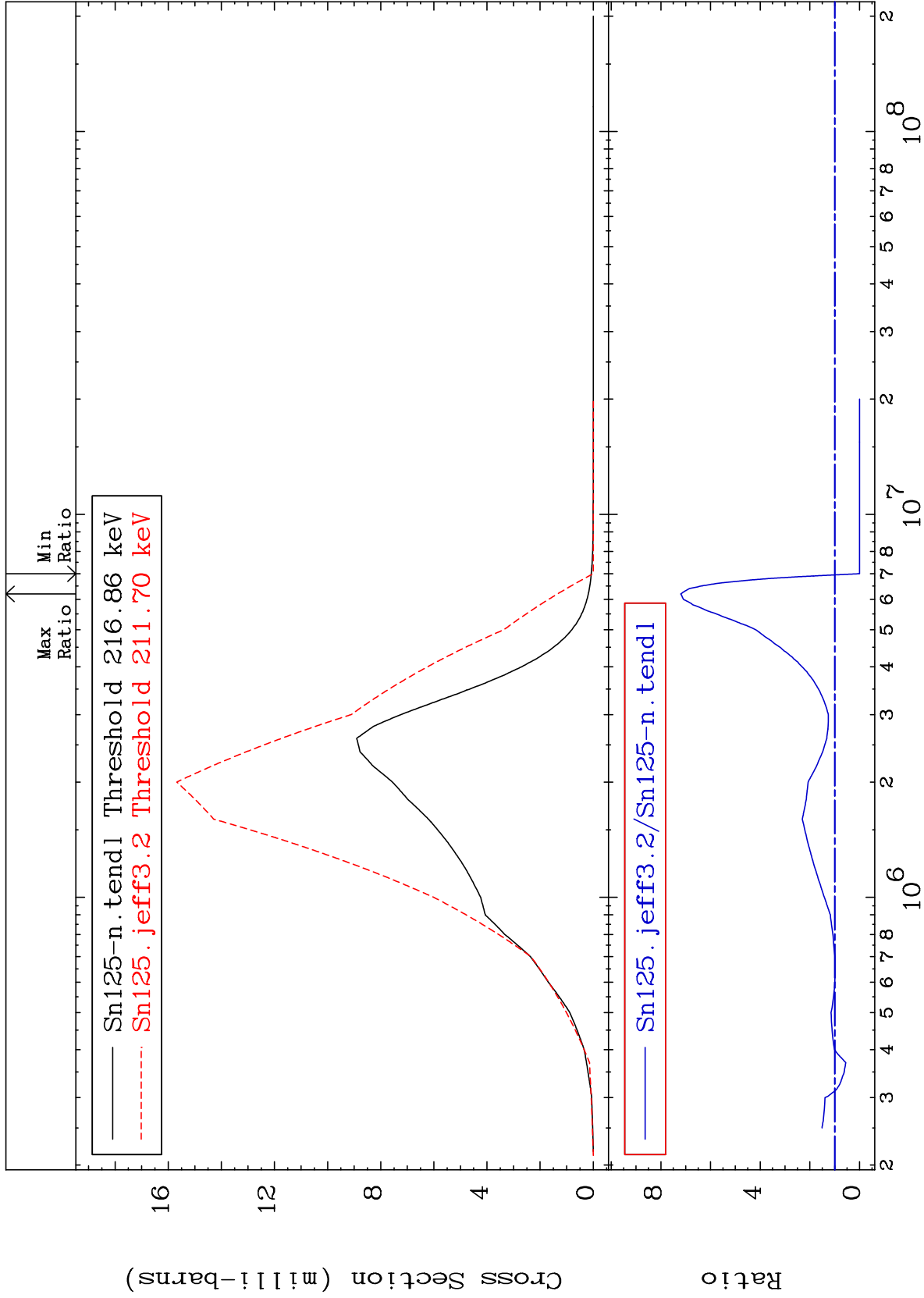
MAT 5064

215.1 keV (n,n') Level

50-Sn-125

-100.0 To 619.8 %

Cross Section



Incident Energy (eV)

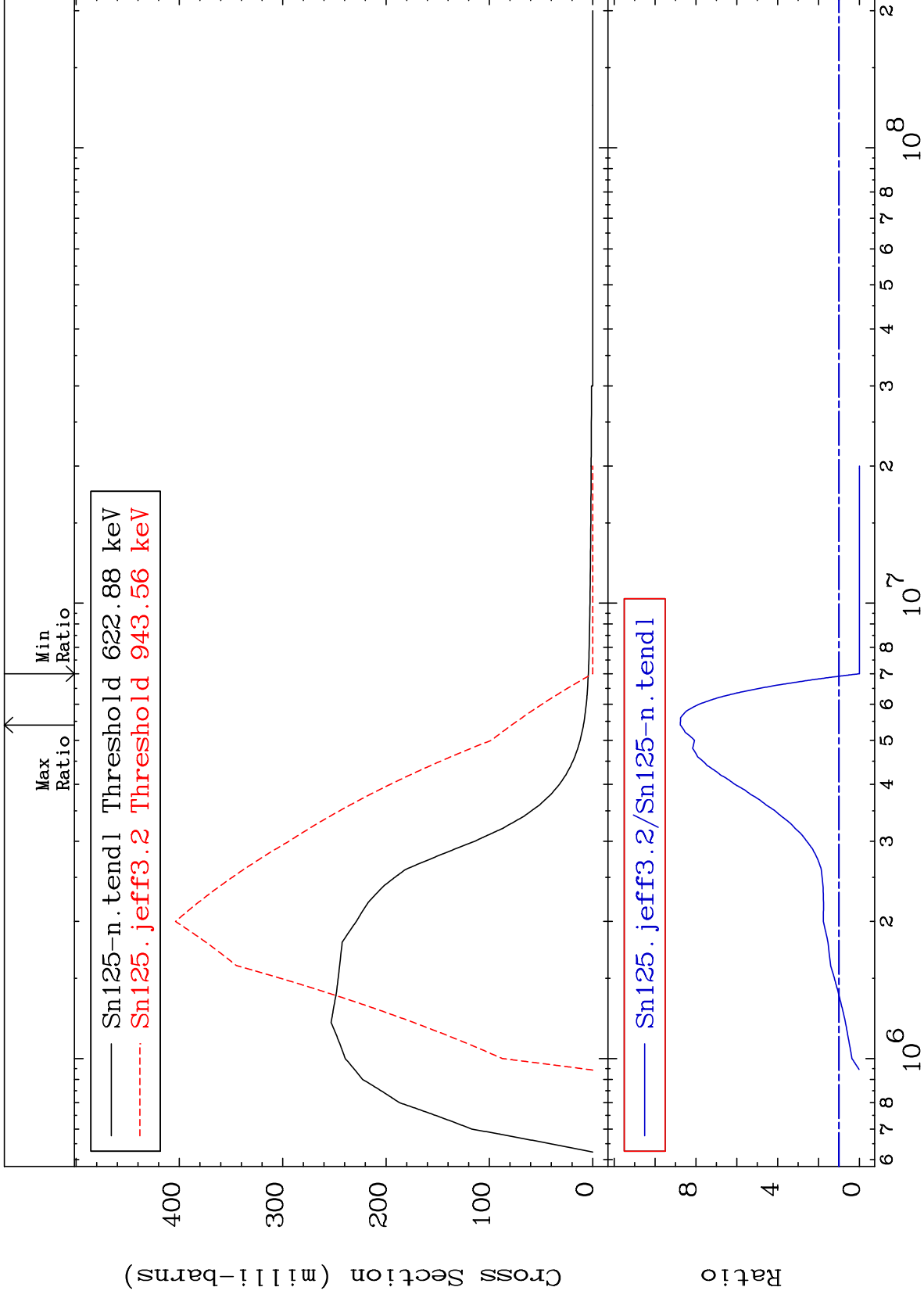
50-Sn-125

5

MAT 5064

617.9 keV (n,n') Level
Cross Section

50-Sn-125
-100.0 To 776.5 %



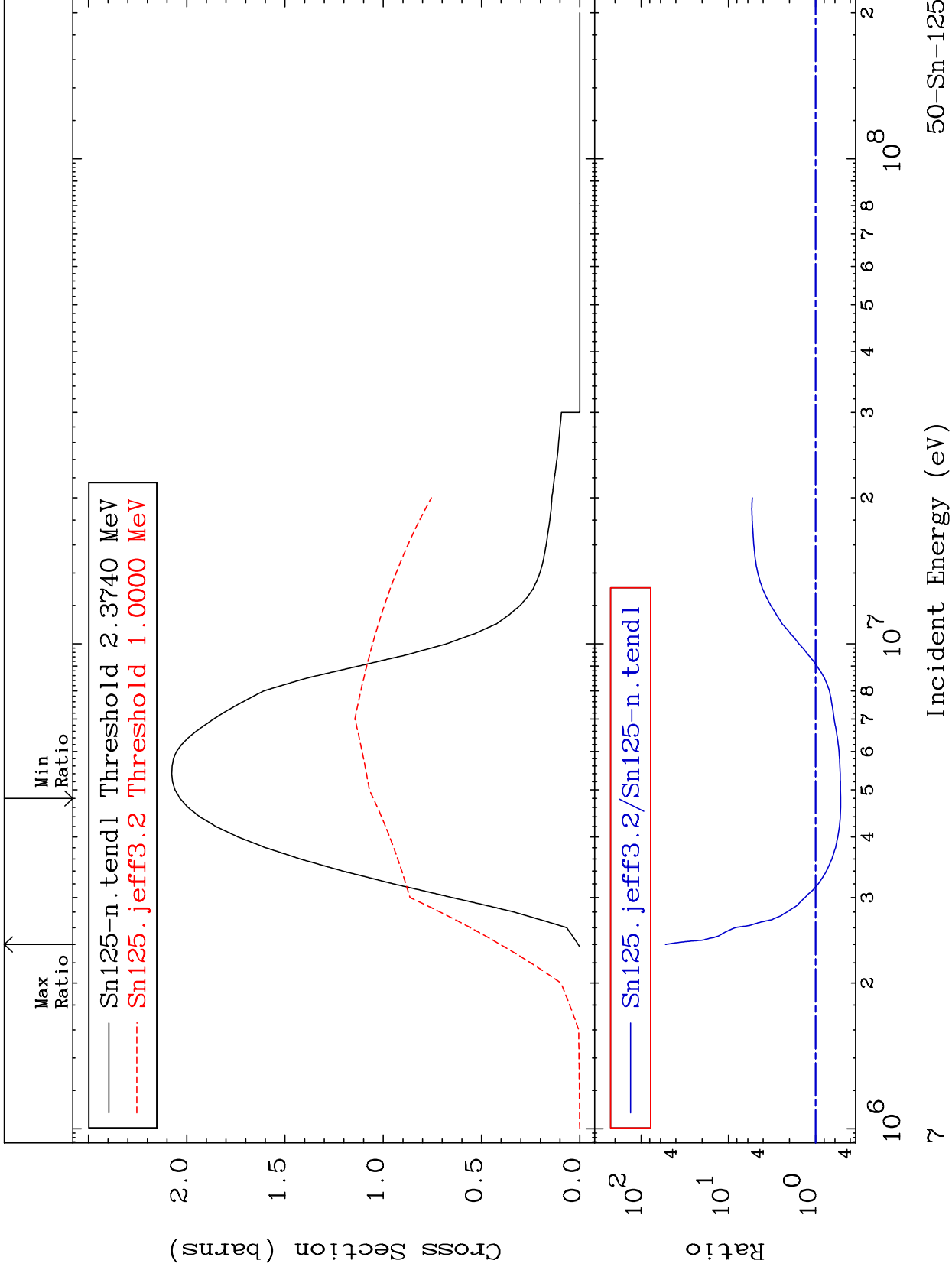
Incident Energy (eV)

50-Sn-125

MAT 5064

(n, n') Continuum
Cross Section

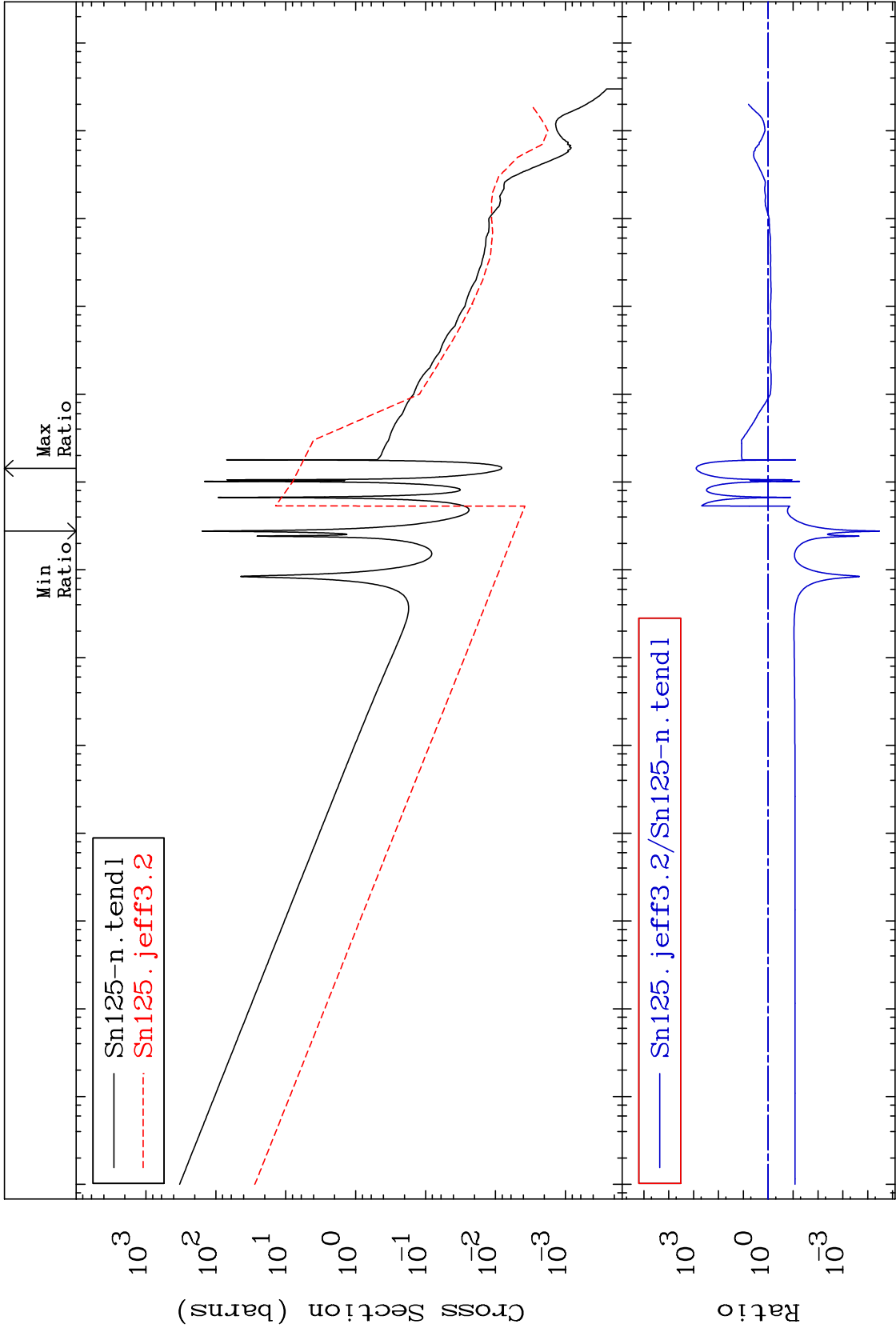
50-Sn-125
-48.38 To 5171. %



MAT 5064

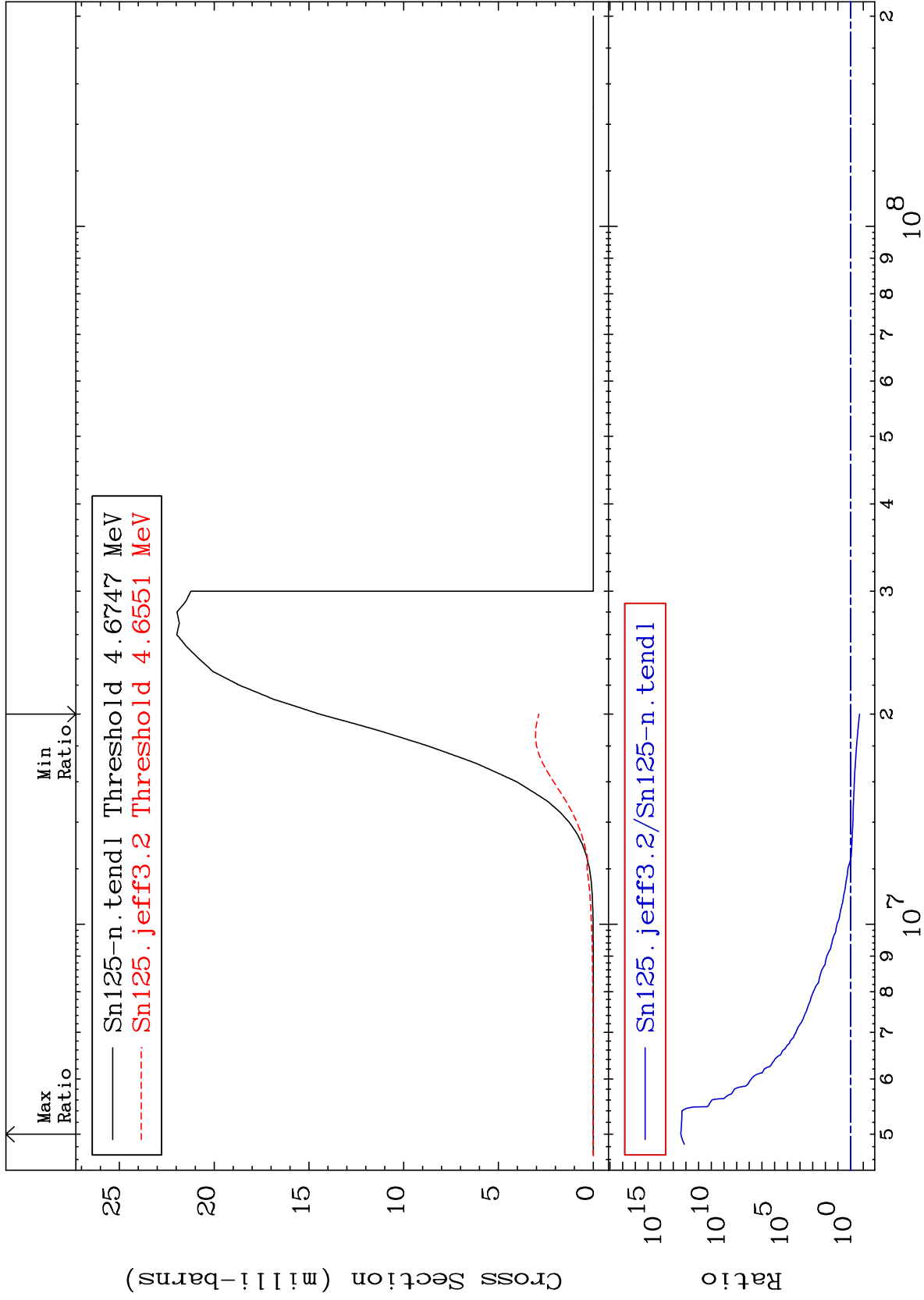
(n, γ)
Cross Section

50-Sn-125
-100.0 To 9999. %



MAT 5064

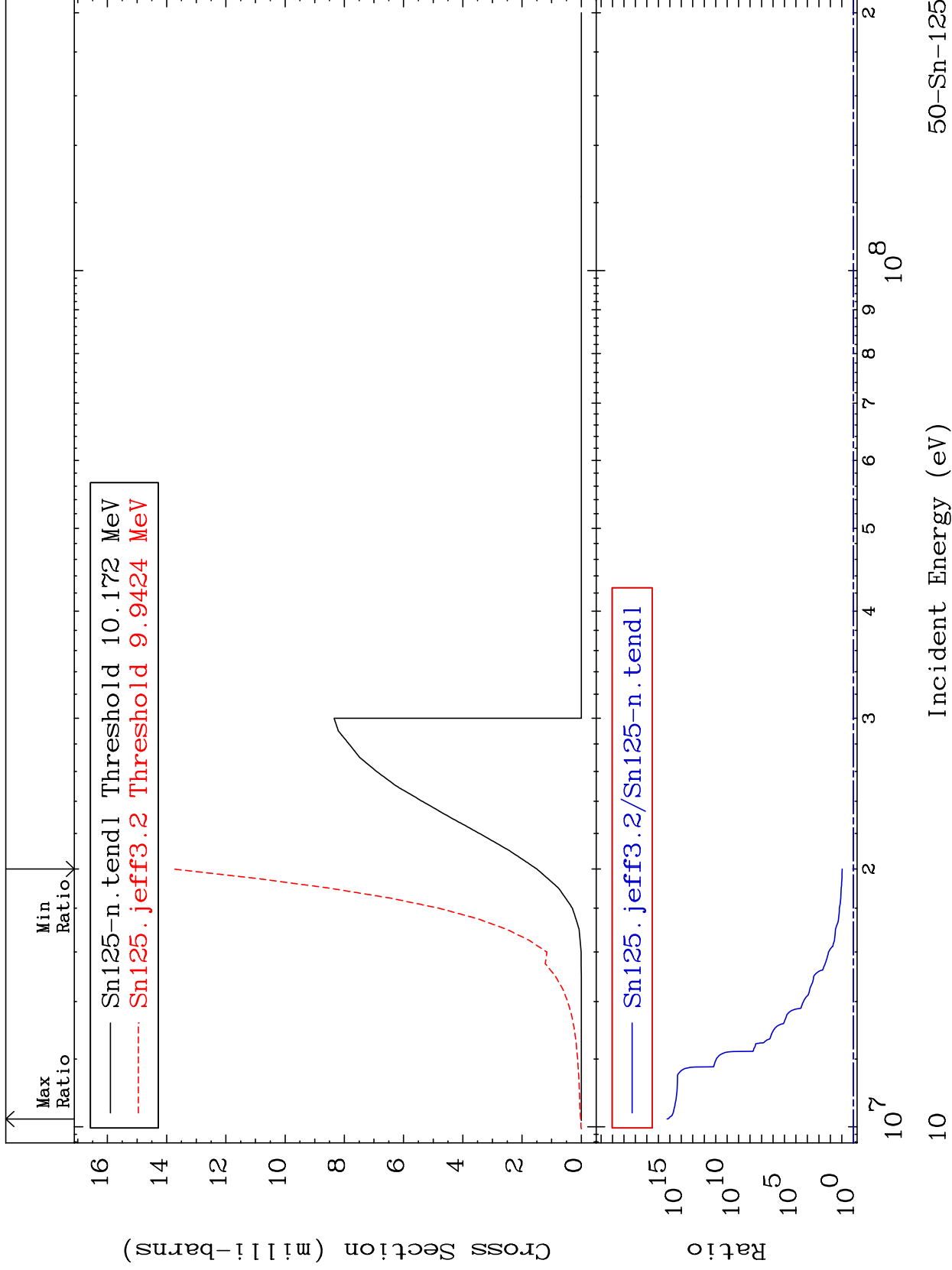
(n,p)
Cross Section
50-Sn-125
-80.11 To 9999. %



MAT 5064

(n, d)
Cross Section

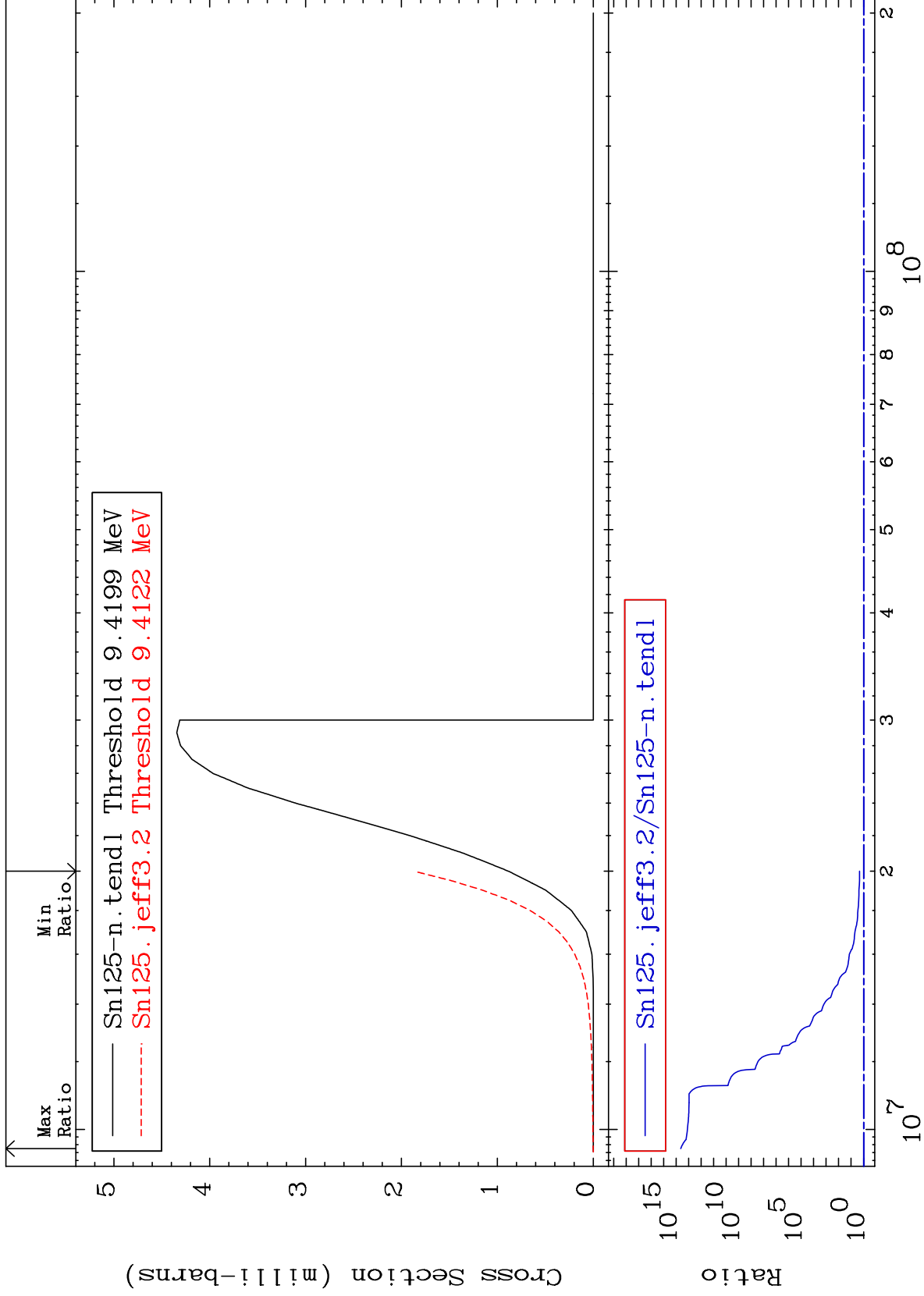
50-Sn-125
818.3 To 9999. %



MAT 5064

(n, t)
Cross Section

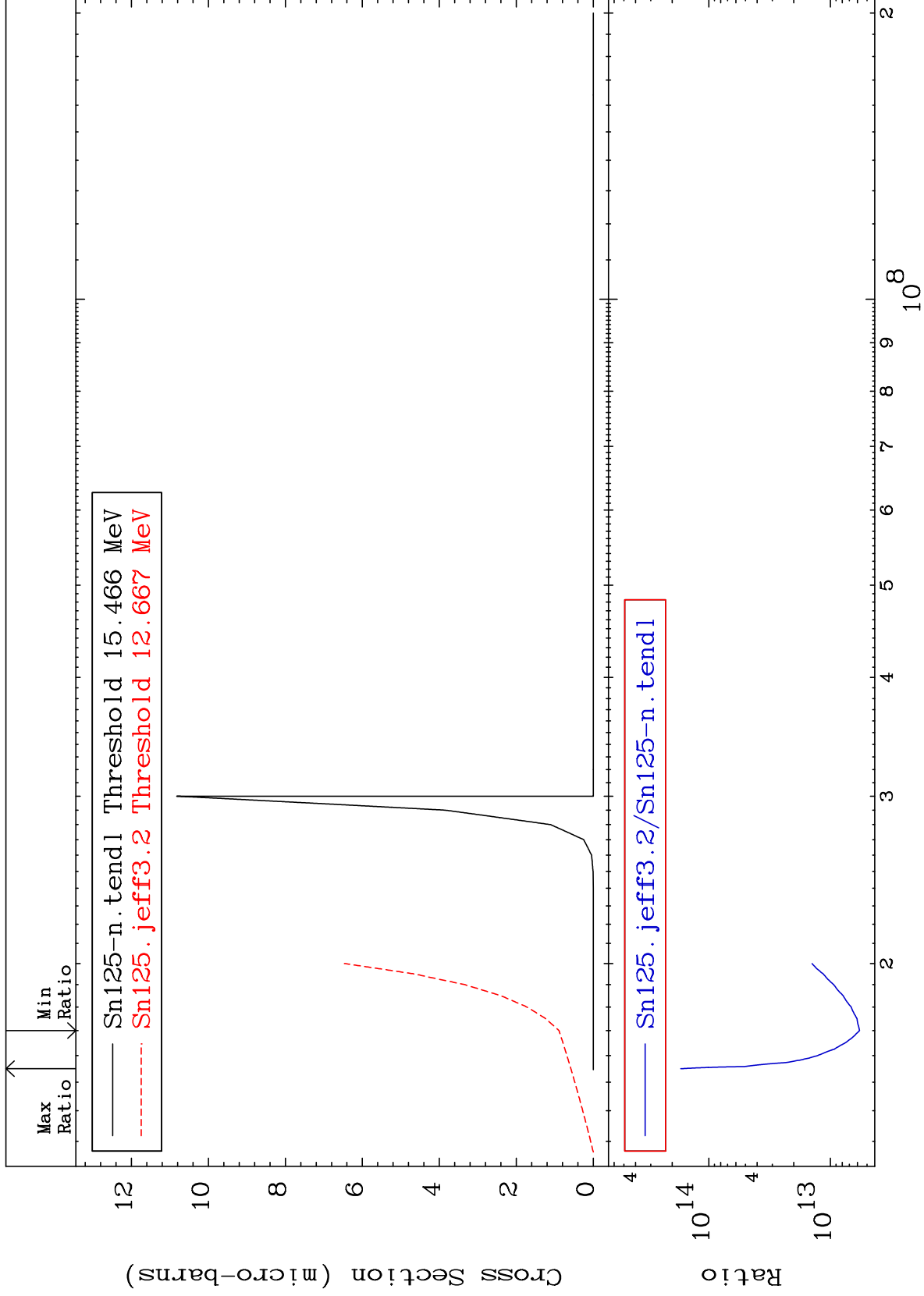
50-Sn-125
111.2 To 9999. %



11

Incident Energy (eV)

50-Sn-125



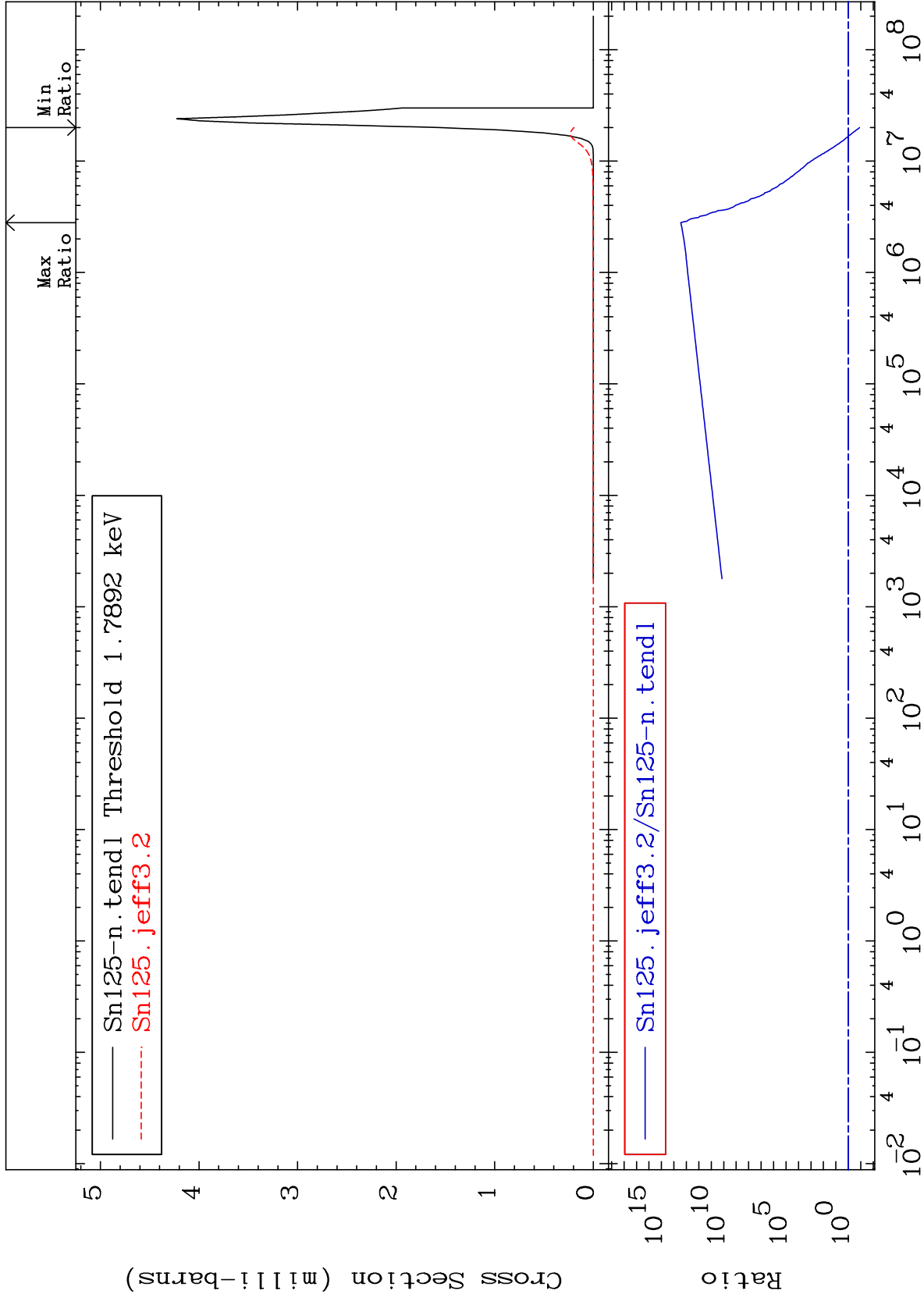
MAT 5064

(n, α)

50-Sn-125

Cross Section

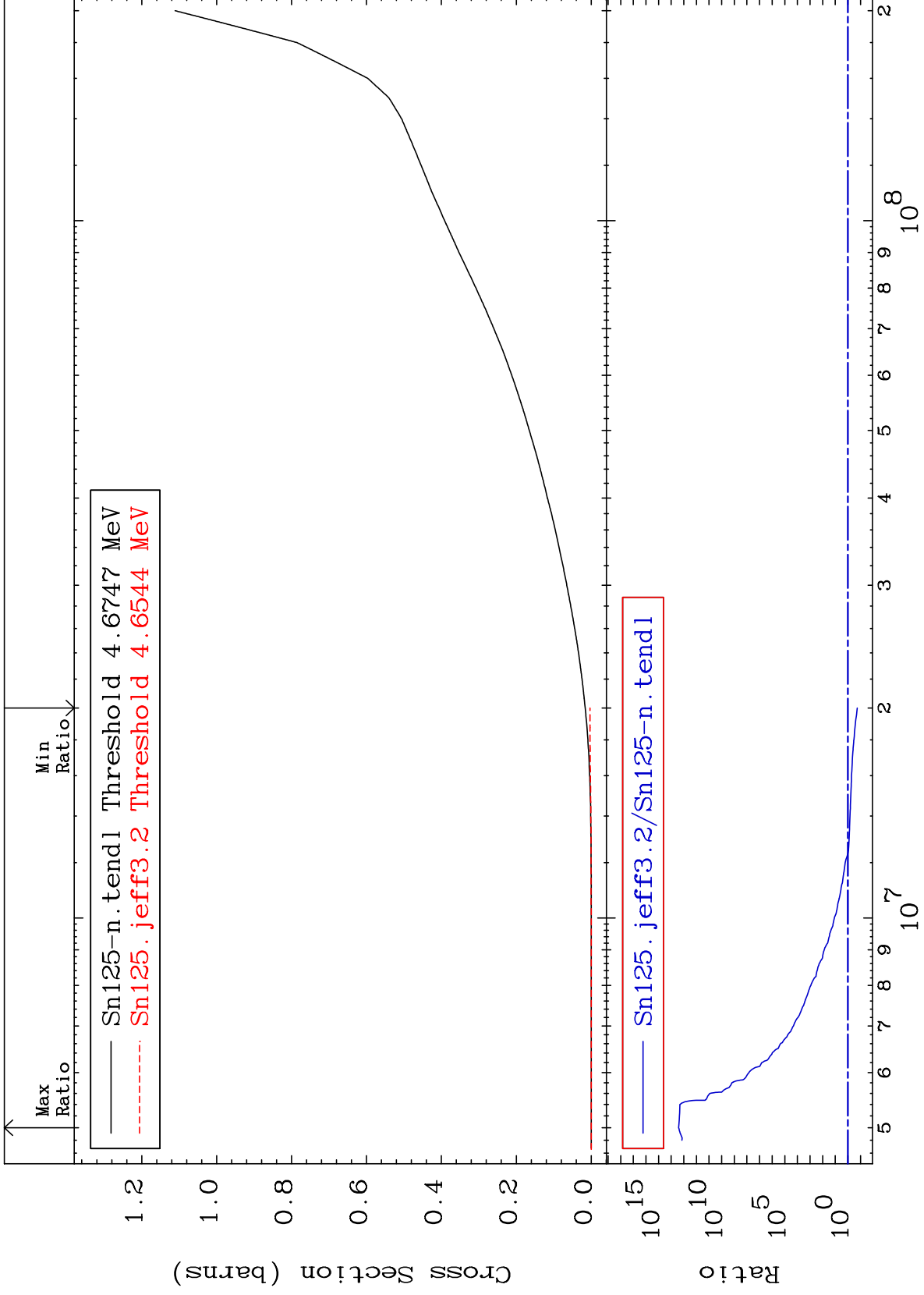
-87.44 To 9999. %



MAT 5064

Hydrogen Production
Cross Section

50-Sn-125
-81.87 To 9999. %



15

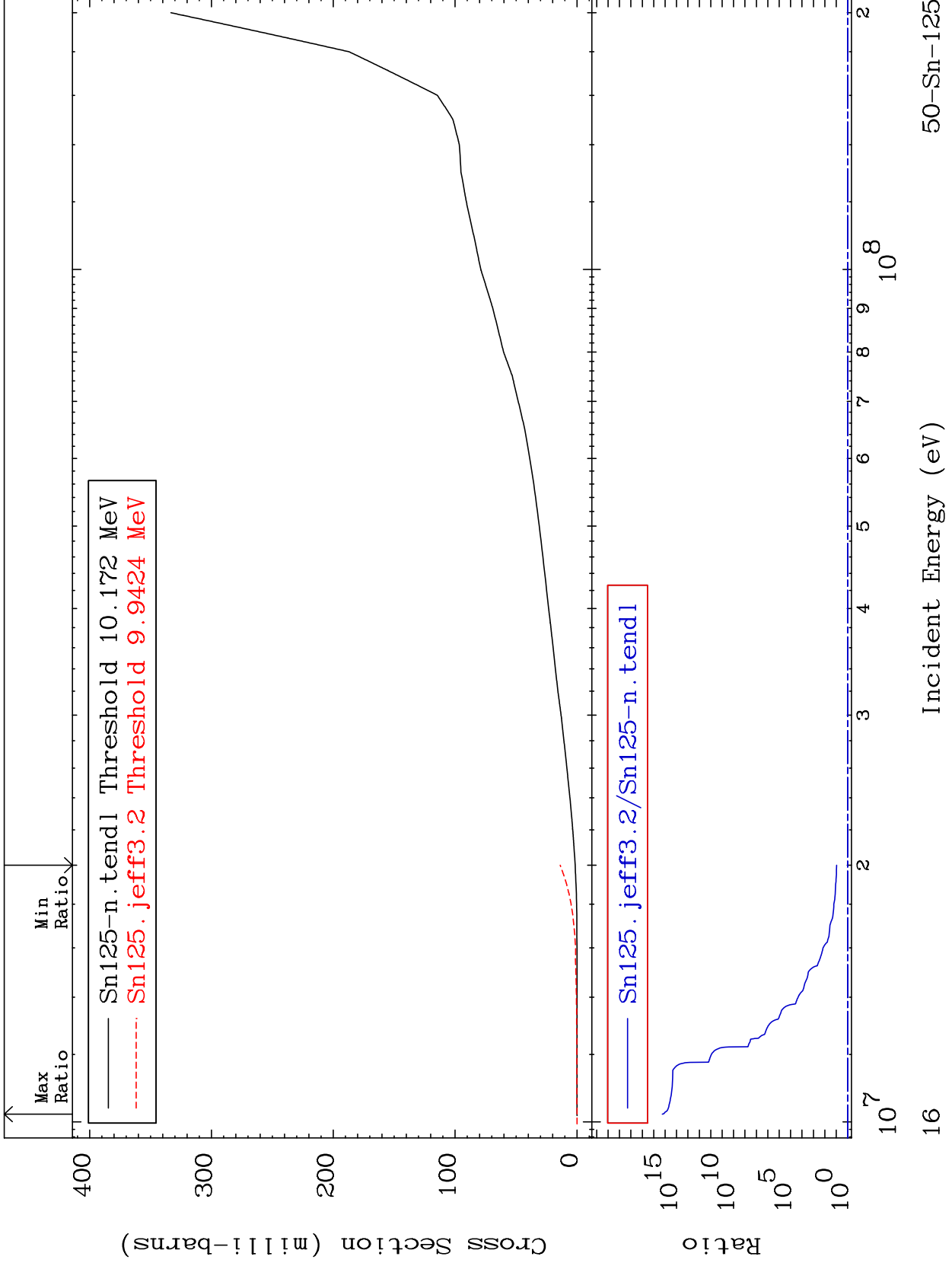
Incident Energy (eV)

50-Sn-125

MAT 5064

Deuterium Production
Cross Section

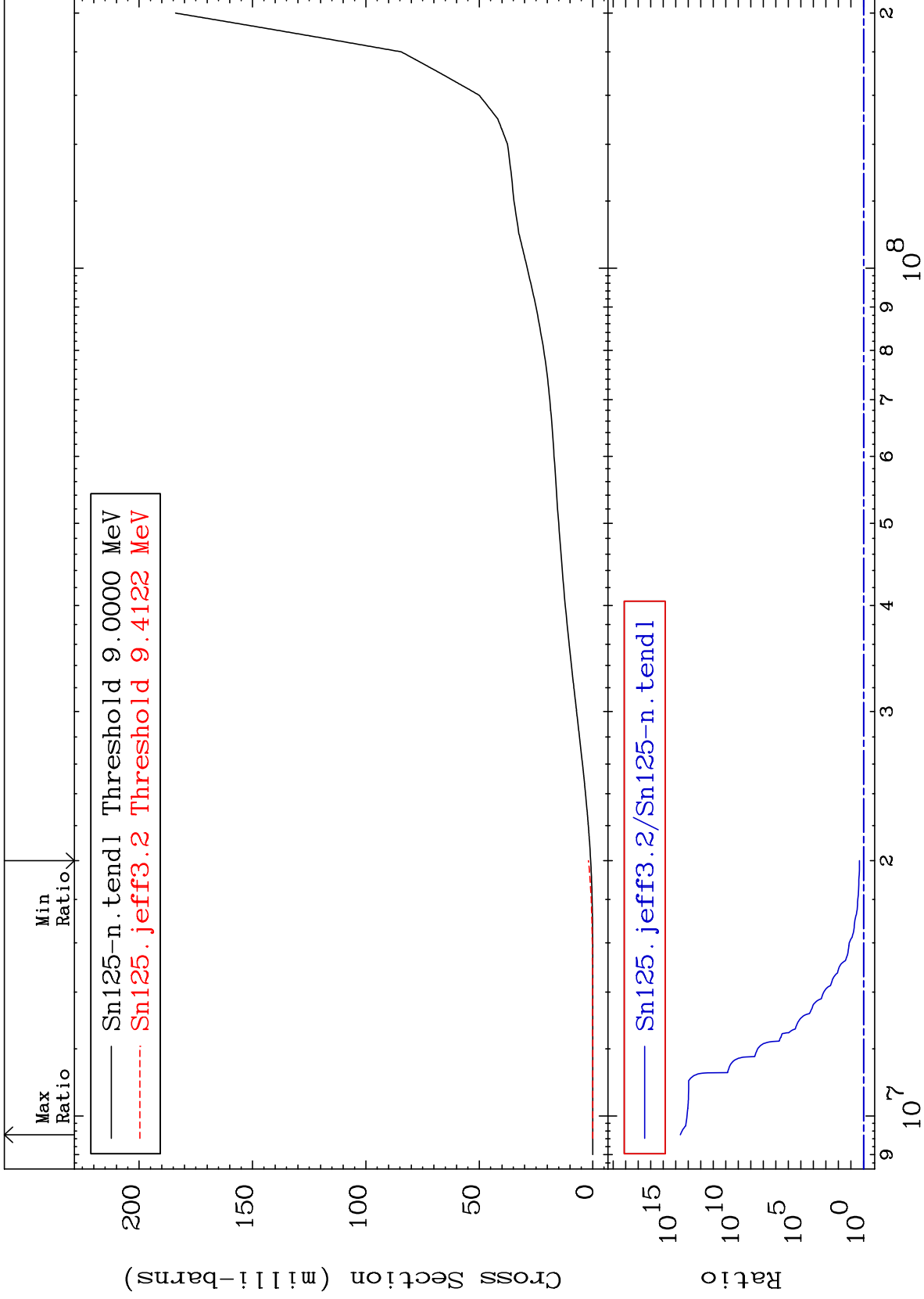
50-Sn-125
818.1 To 9999. %



MAT 5064

Tritium Production
Cross Section

50-Sn-125
111.2 To 9999. %



17

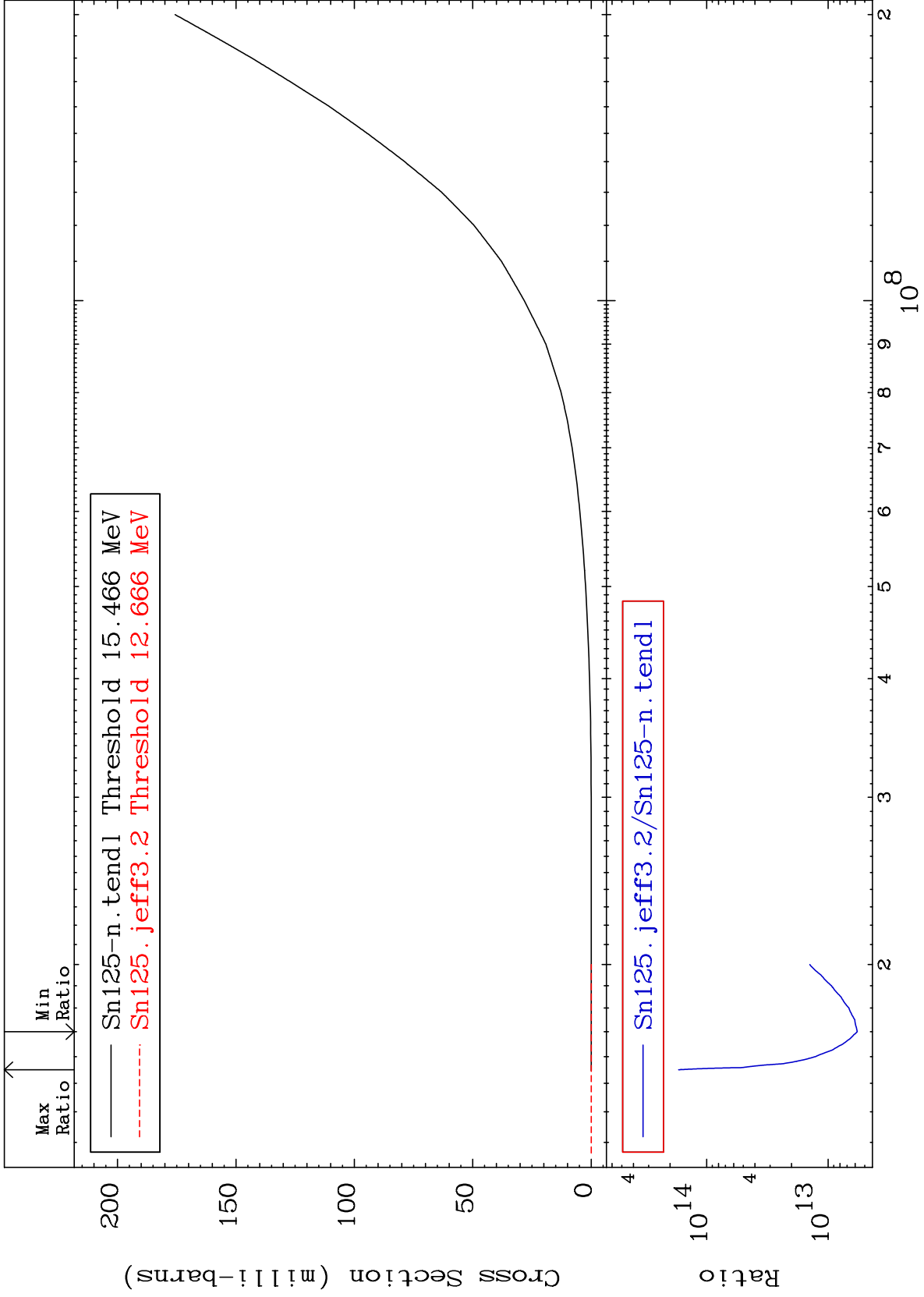
Incident Energy (eV)

50-Sn-125

MAT 5064

He-3 Production
Cross Section

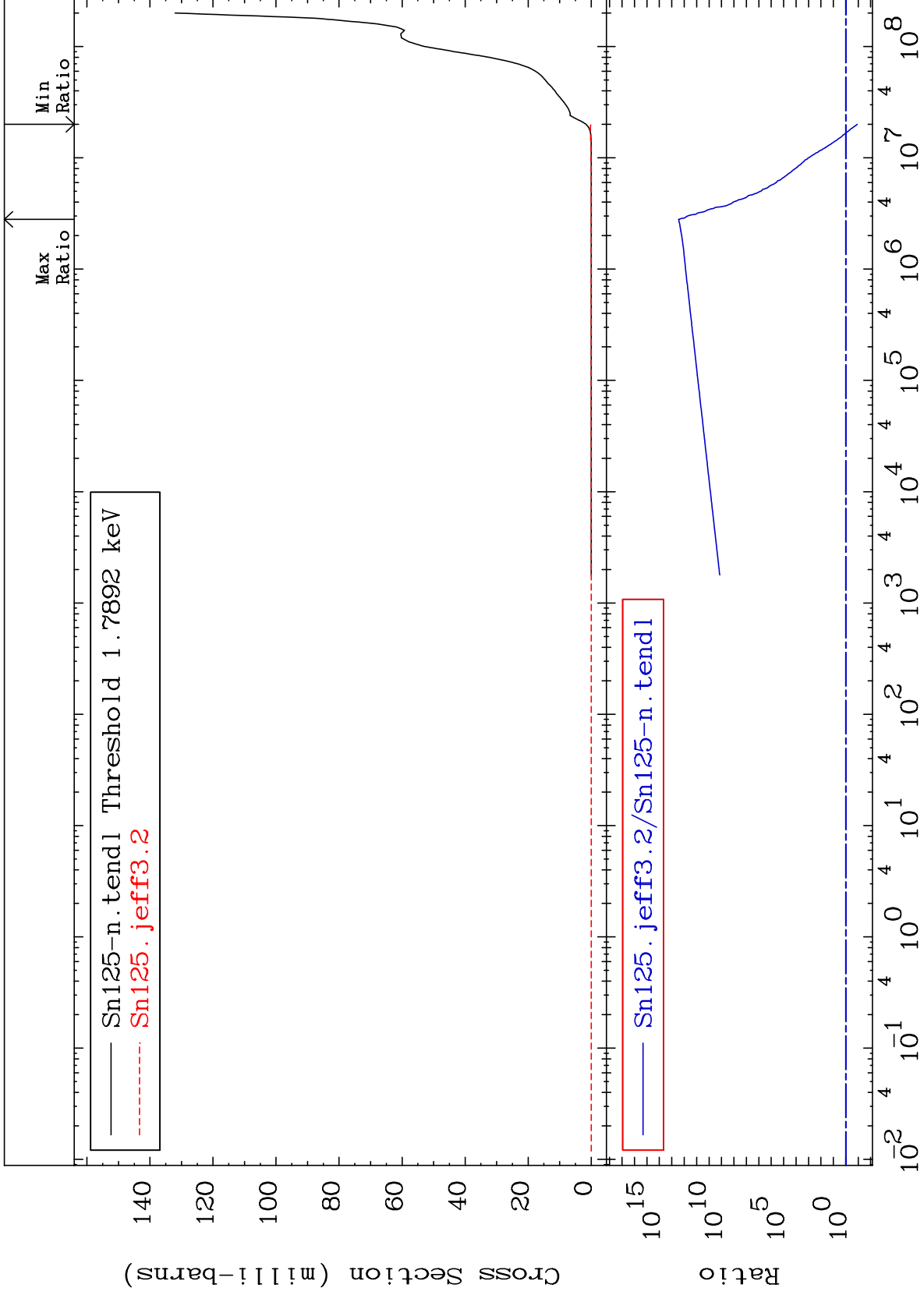
50-Sn-125
To 9999. %



MAT 5064

He-4 Production
Cross Section

50-Sn-125
-88.03 To 9999. %



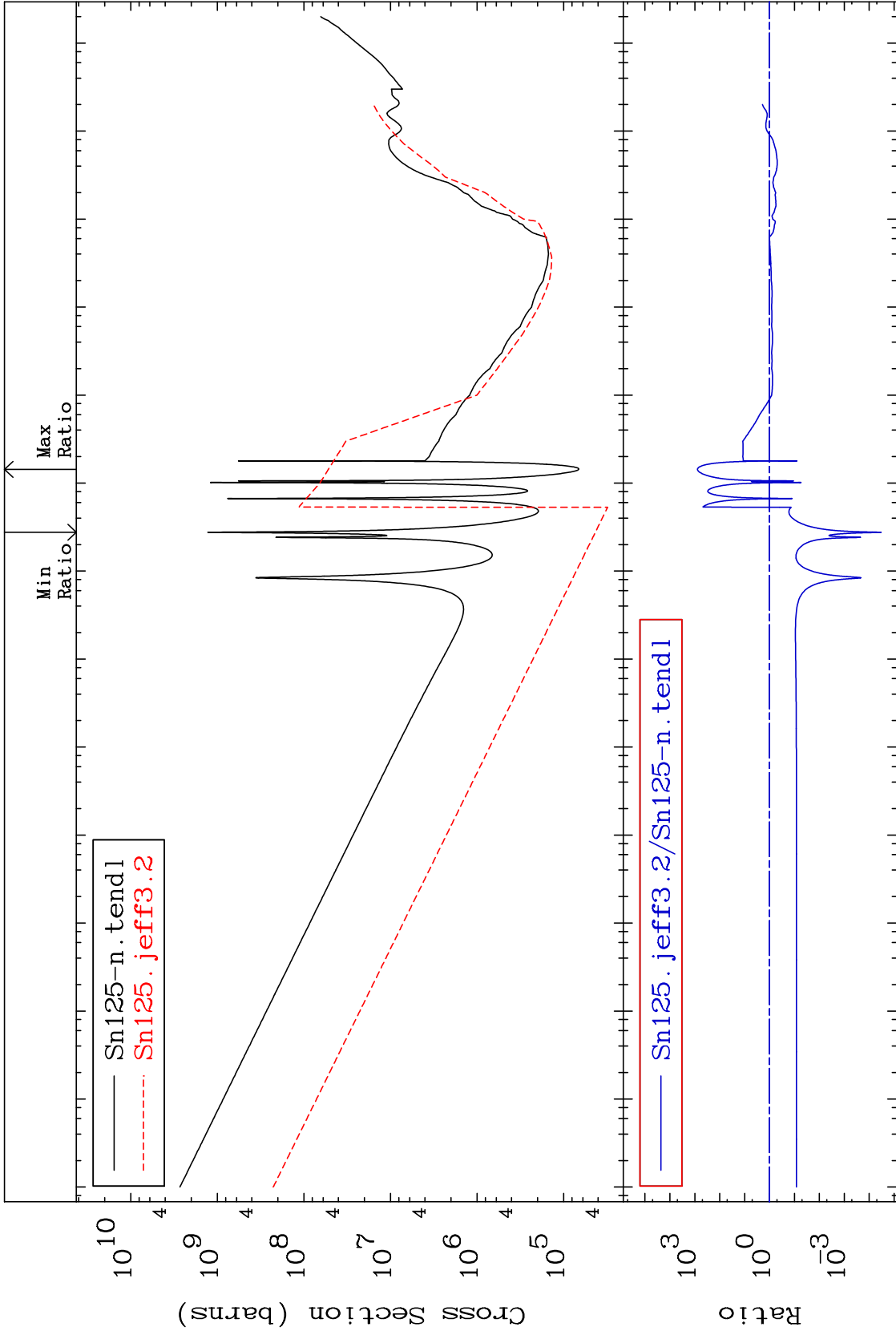
MAT 5064

Kerma total (eV-barns)

50-Sn-125

-100.0 To 9999. %

Cross Section



20

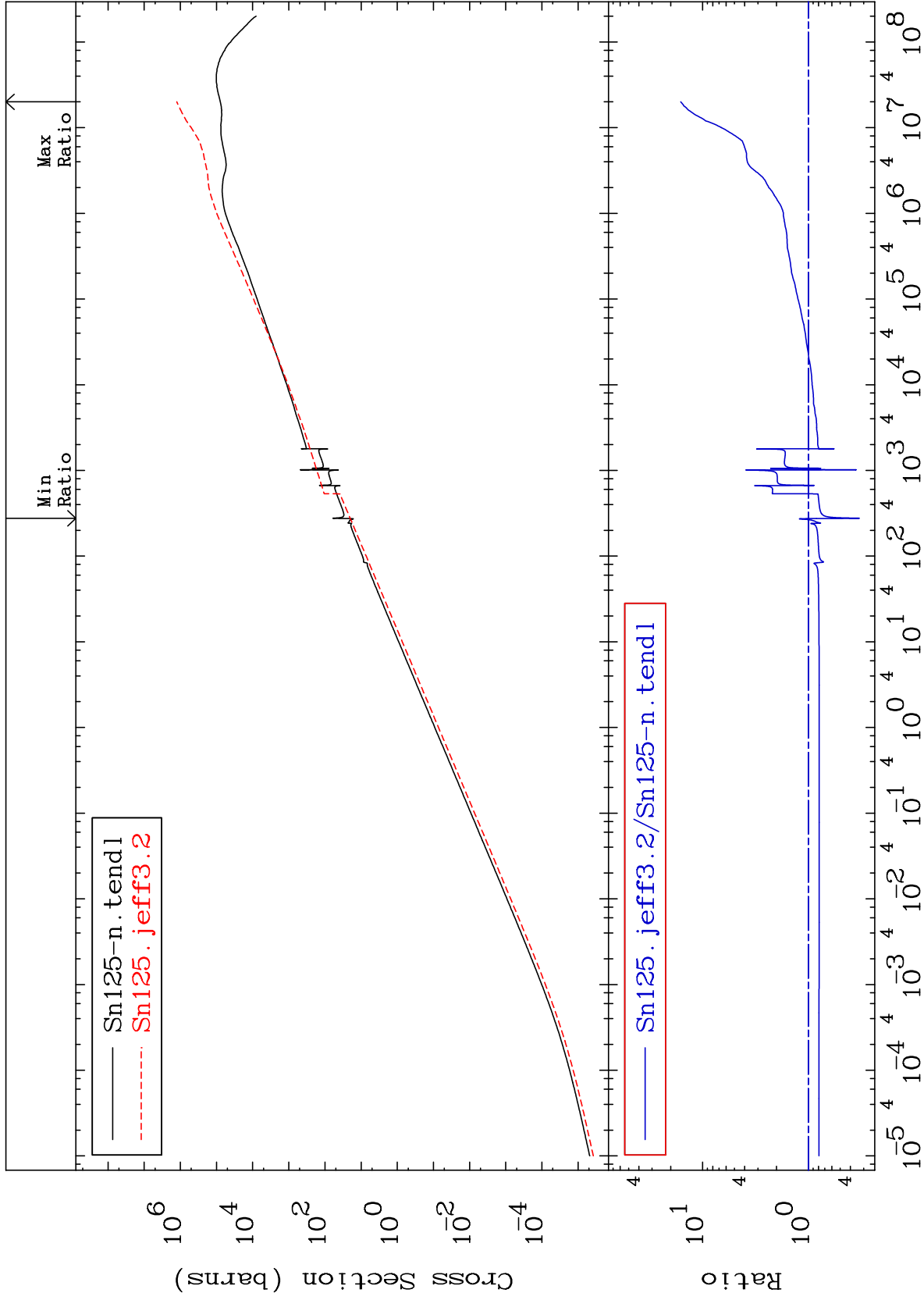
Incident Energy (eV)

50-Sn-125

MAT 5064

Kerma elastic
Cross Section

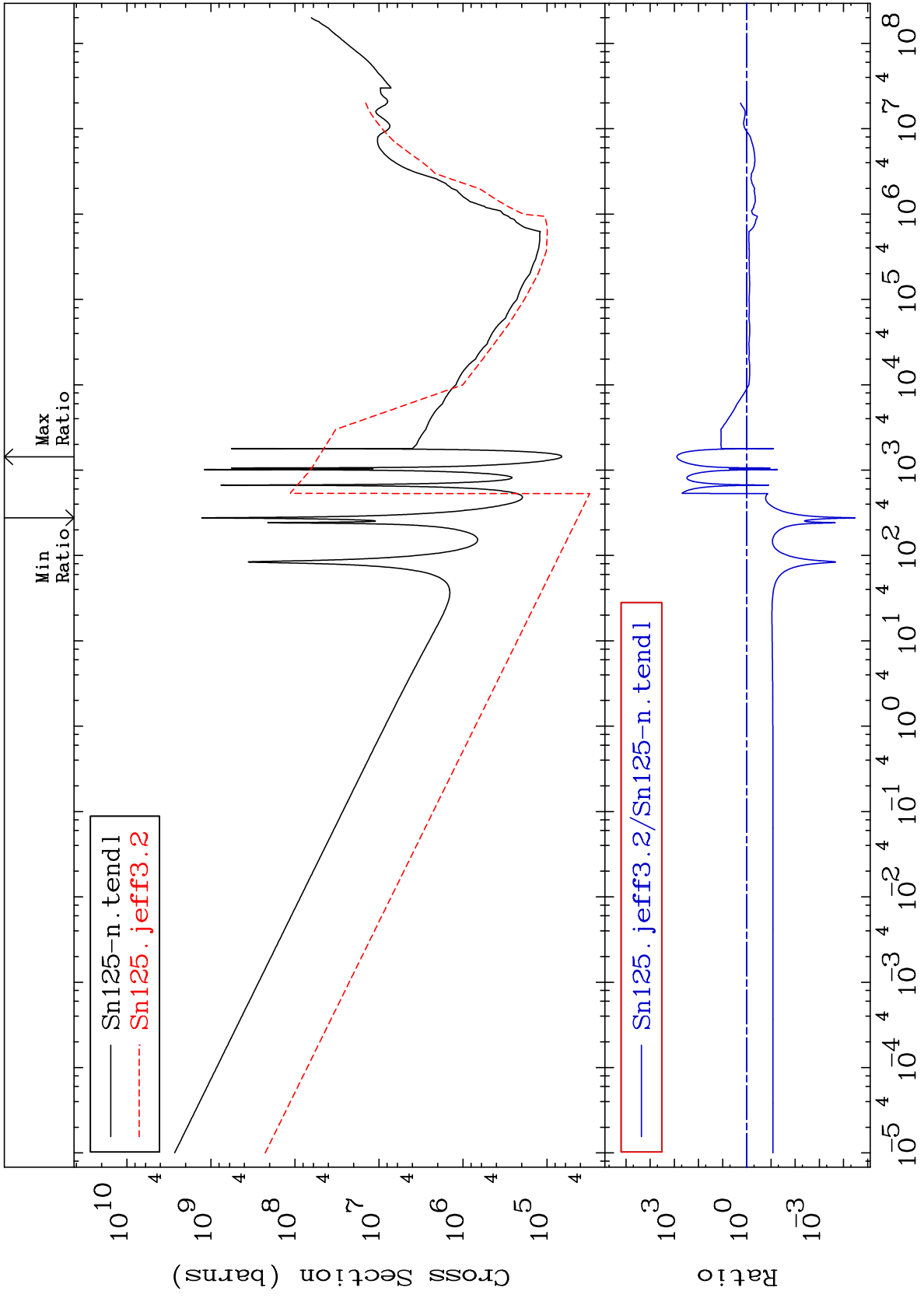
50-Sn-125
-67.17 To 1507. %

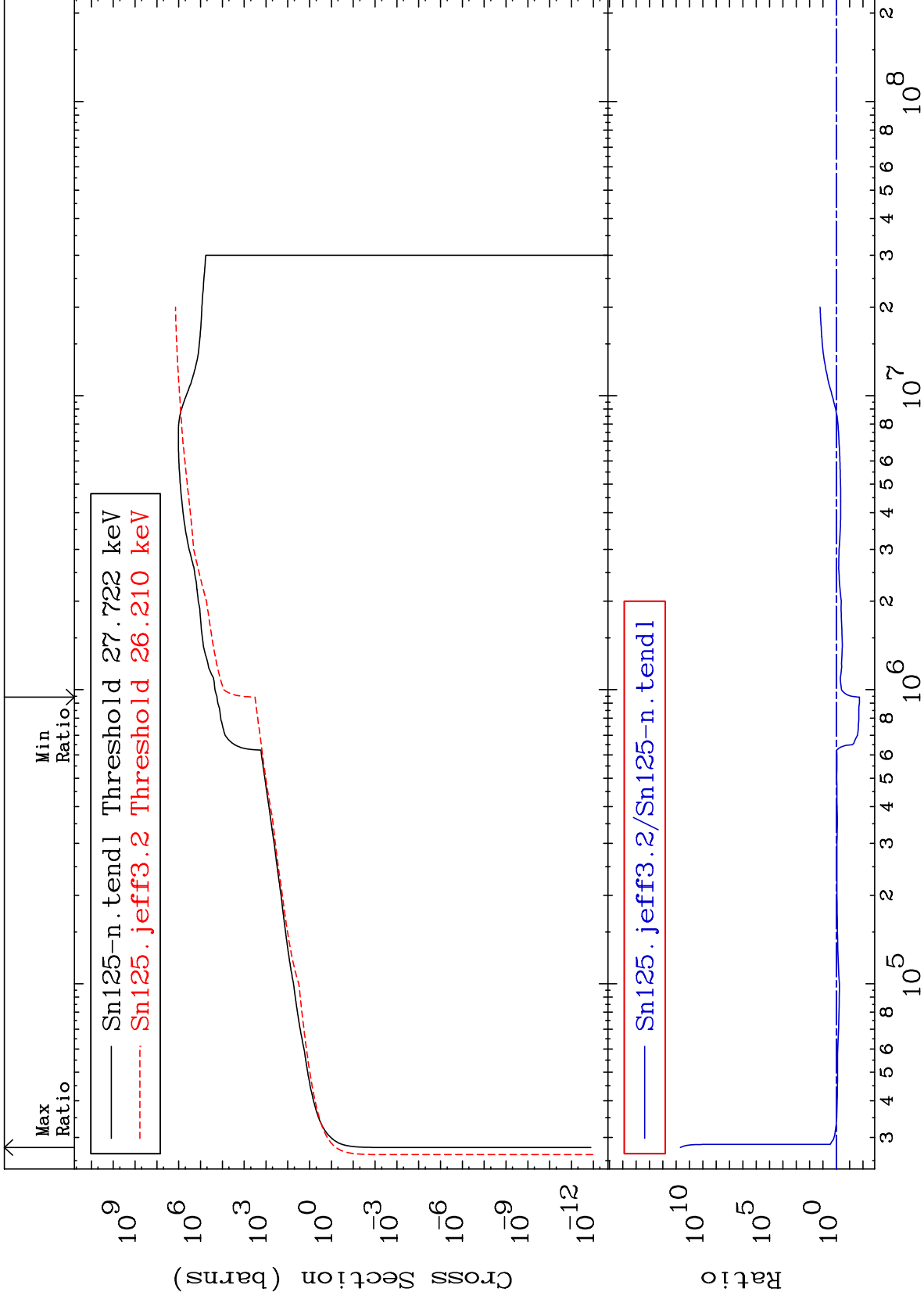


MAT 5064

Kerma non-elastic (all but mt2)
Cross Section

50-Sn-125
-100.0 To 9999. %

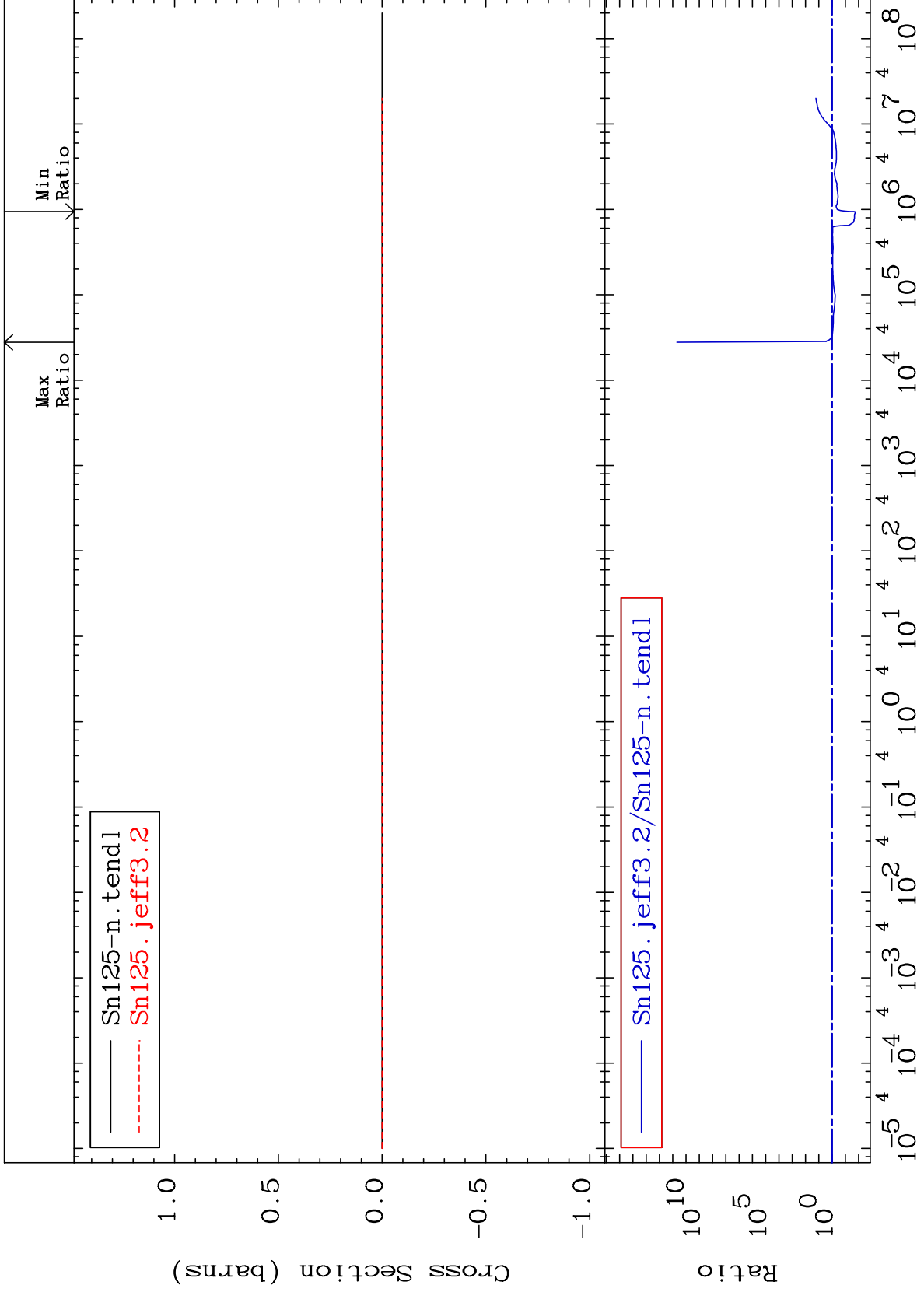




MAT 5064

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

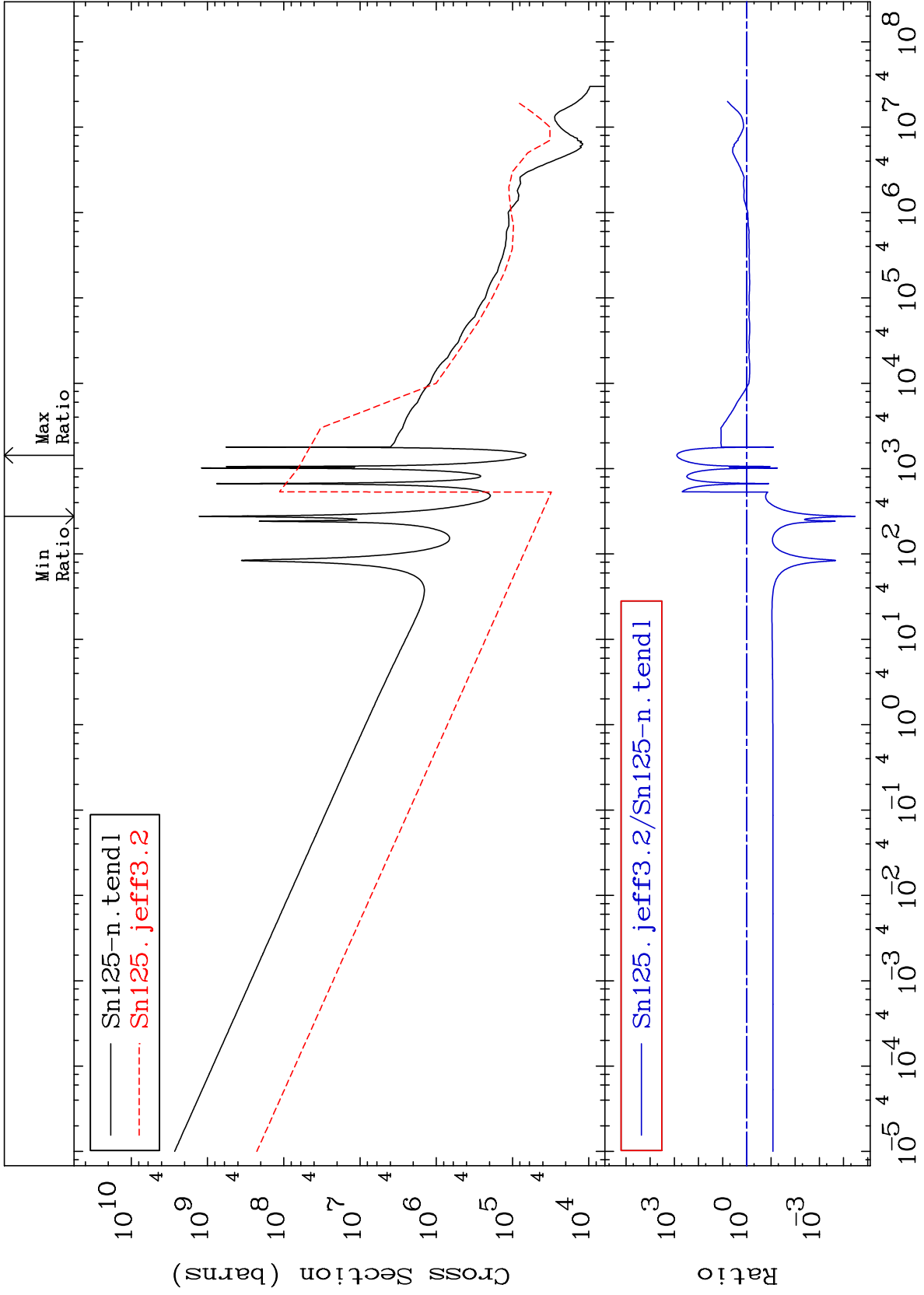
50-Sn-125
-98.18 To 9999. %



MAT 5064

Kerma capture (mt102)
Cross Section

50-Sn-125
-100.0 To 9999. %



25

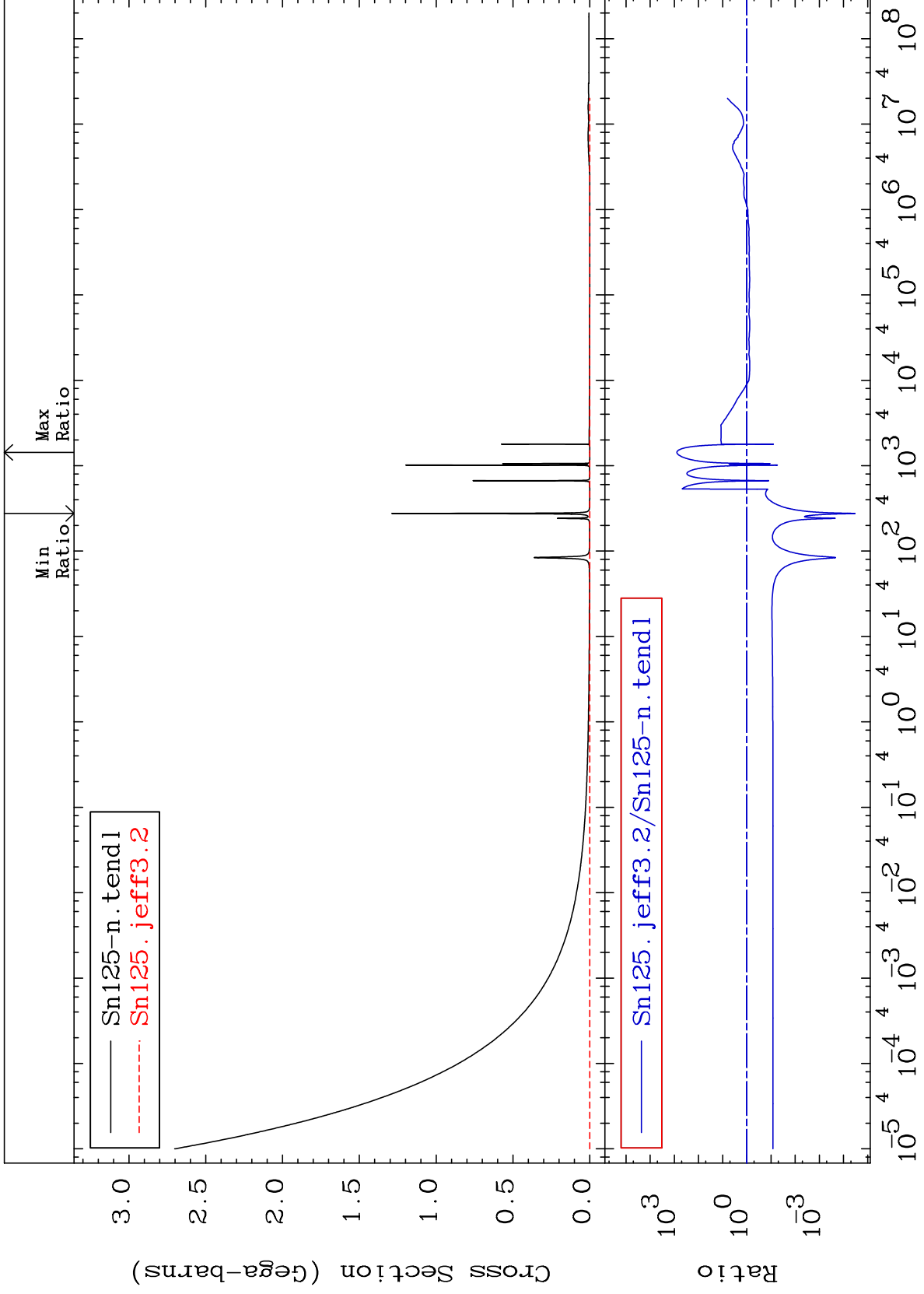
Incident Energy (eV)

50-Sn-125

MAT 5064

Total photon (eV-barns)
Cross Section

50-Sn-125
-100.0 To 9999. %



26

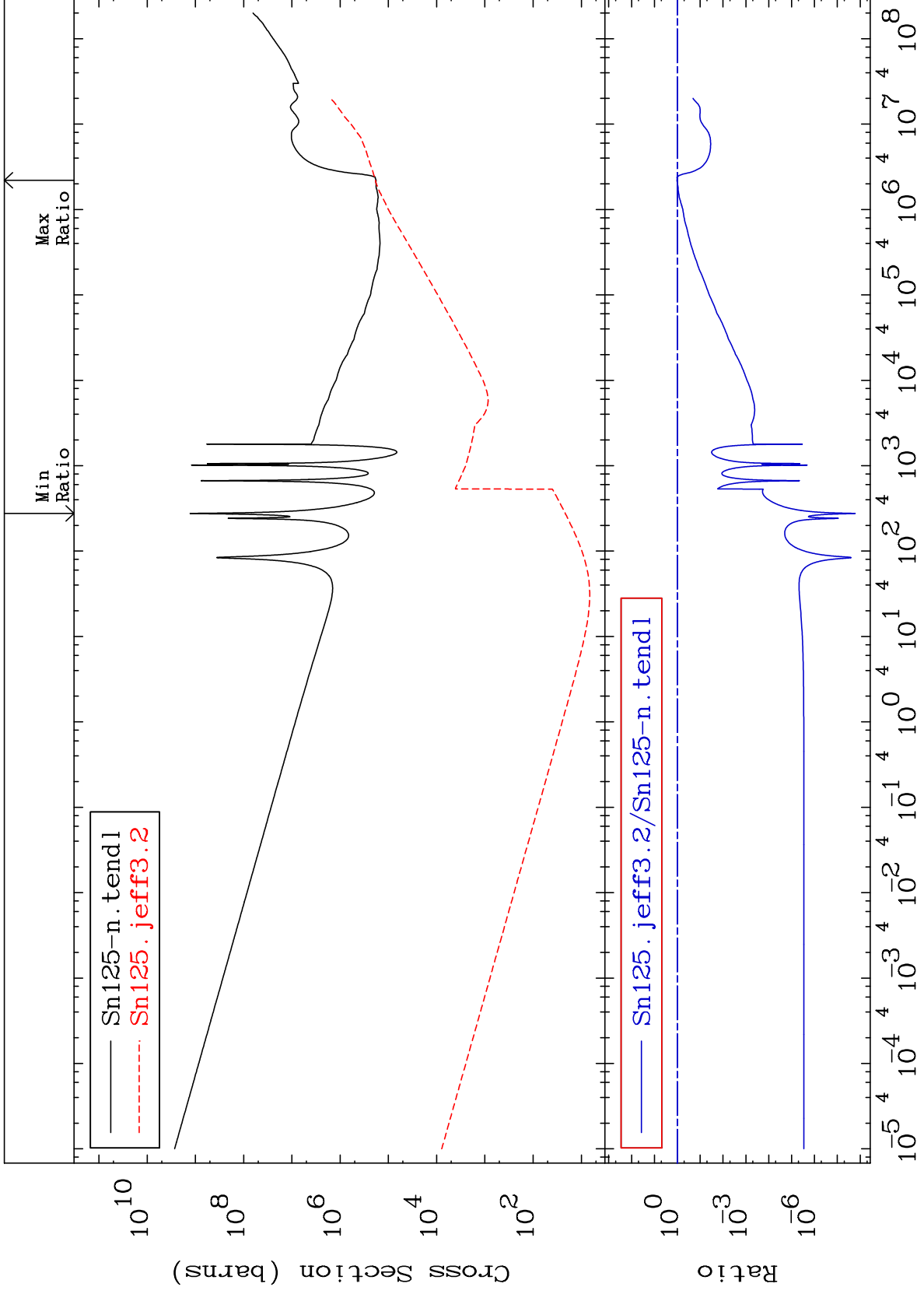
Incident Energy (eV)

50-Sn-125

MAT 5064

Total kinematic kerma (high limit)
Cross Section

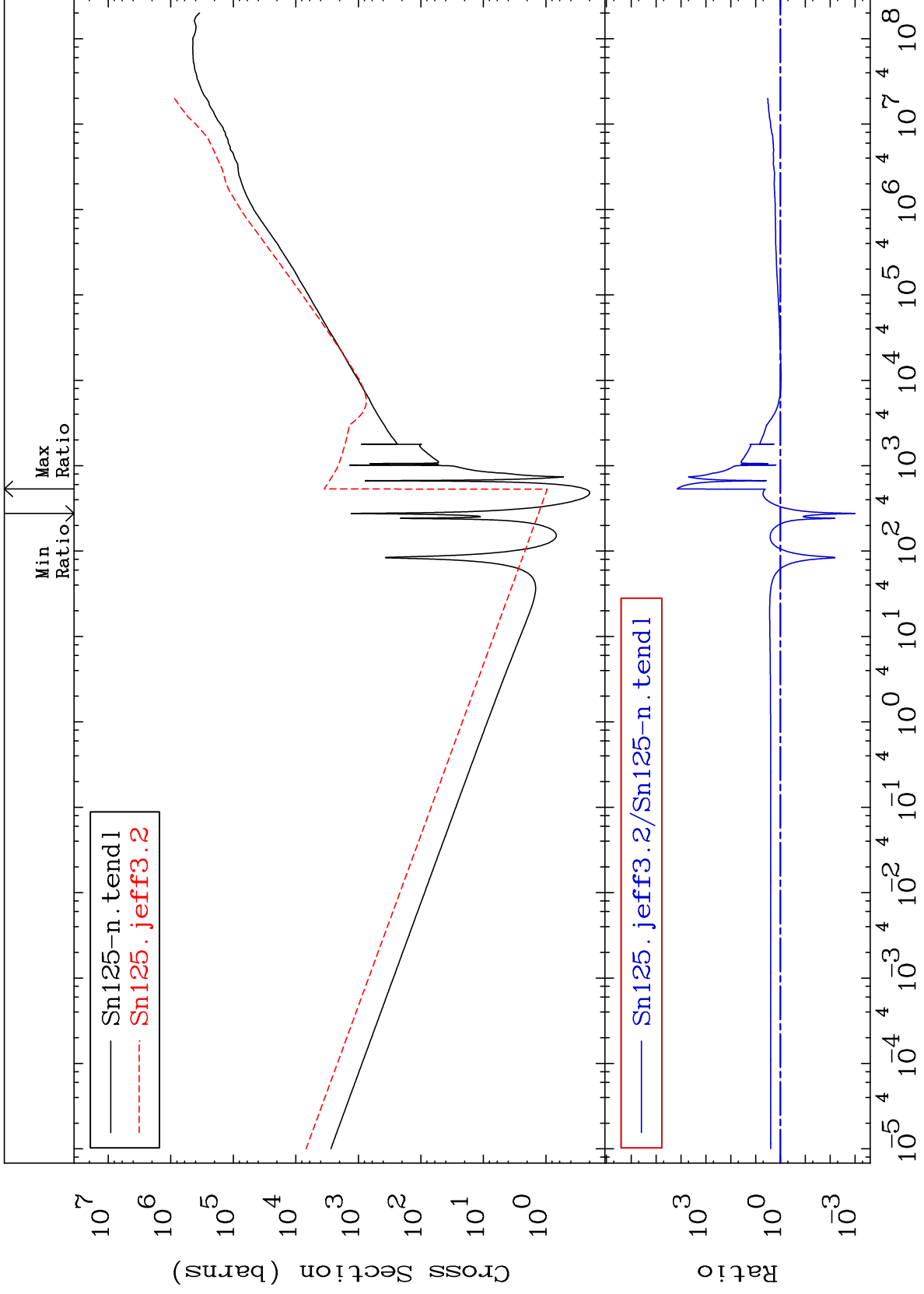
50-Sn-125
-100.0 To 3.701 %



MAT 5064

Dpa total (eV-barns)
Cross Section

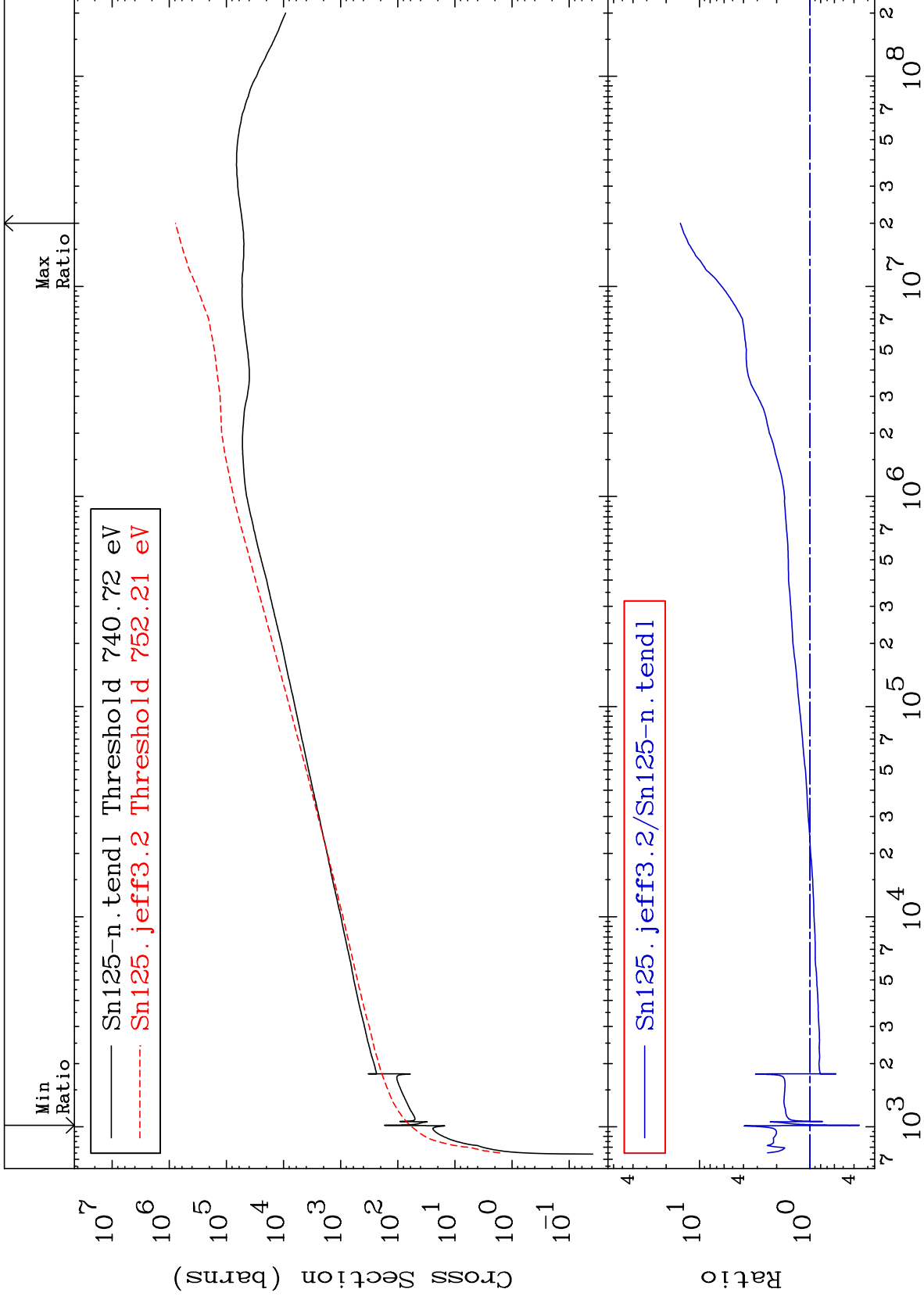
50-Sn-125
-99.90 To 9999. %



MAT 5064

Dpa elastic (mt2)
Cross Section

50-Sn-125
-64.31 To 1390. %



MAT 5064

Dpa inelastic (mt51-91)
Cross Section

50-Sn-125
-75.44 To 9999. %

