

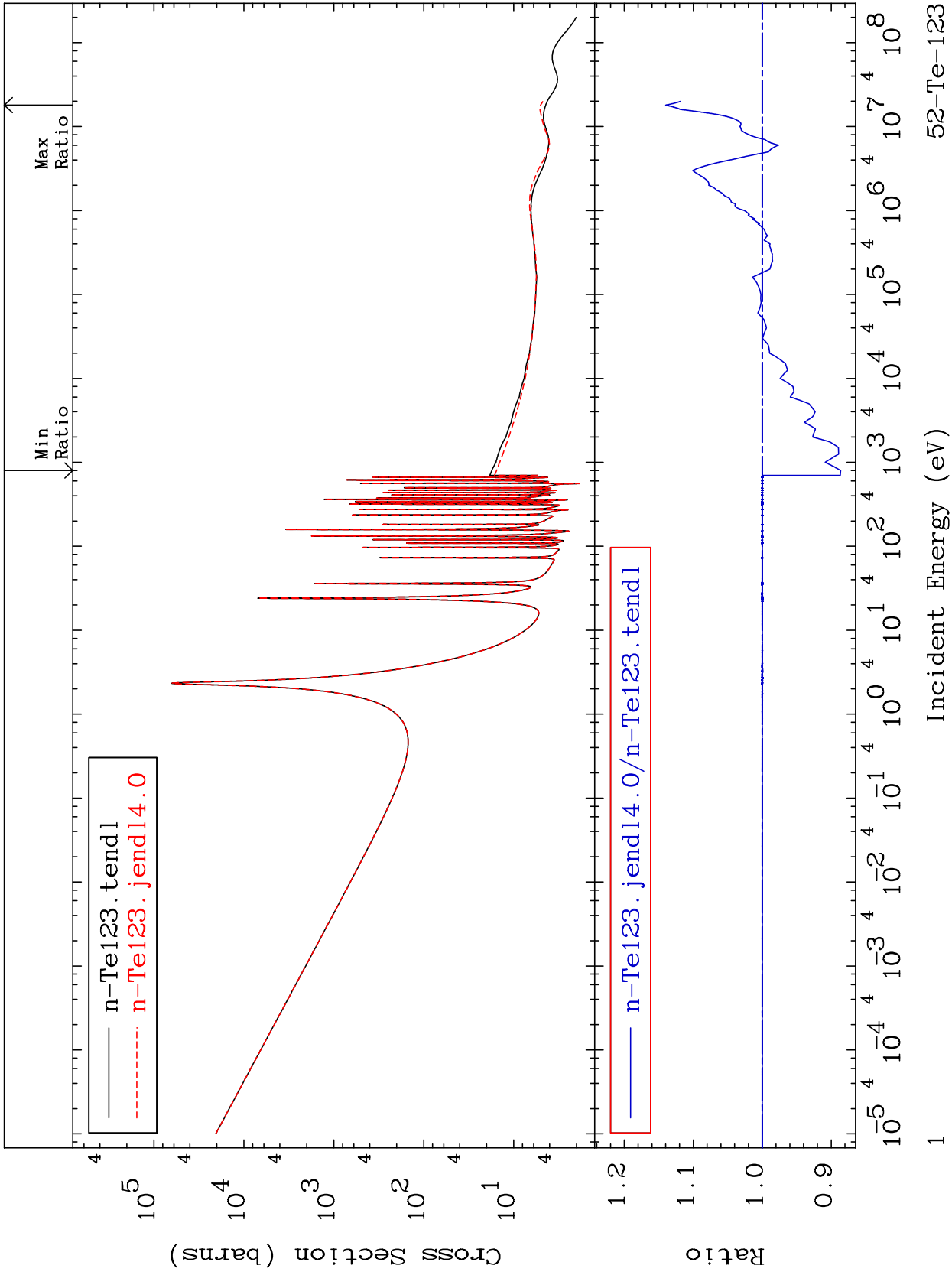
MAT 5234

Total

52-Te-123

Cross Section

-11.37 To 14.03 %



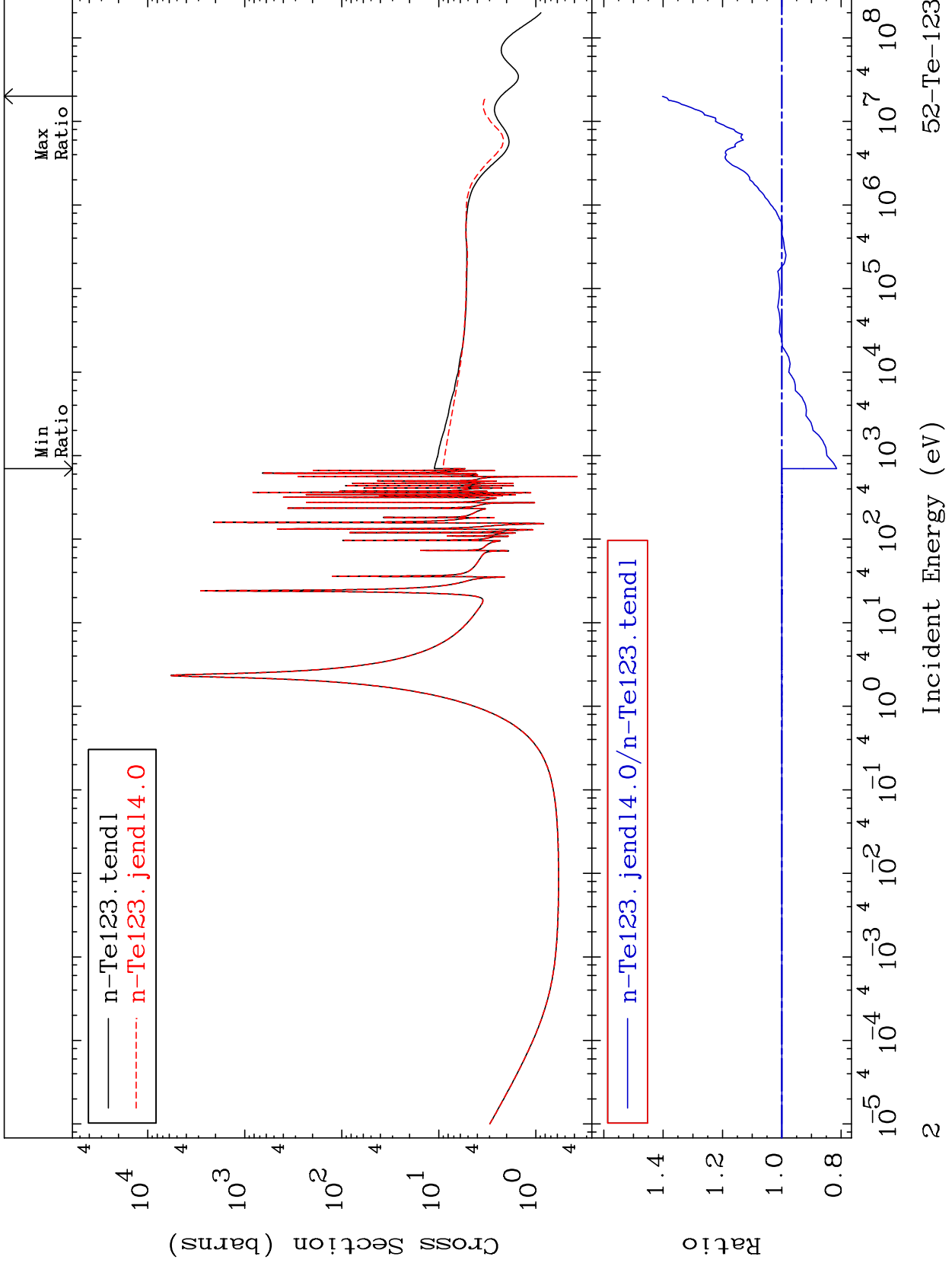
Incident Energy (eV)

52-Te-123

MAT 5234

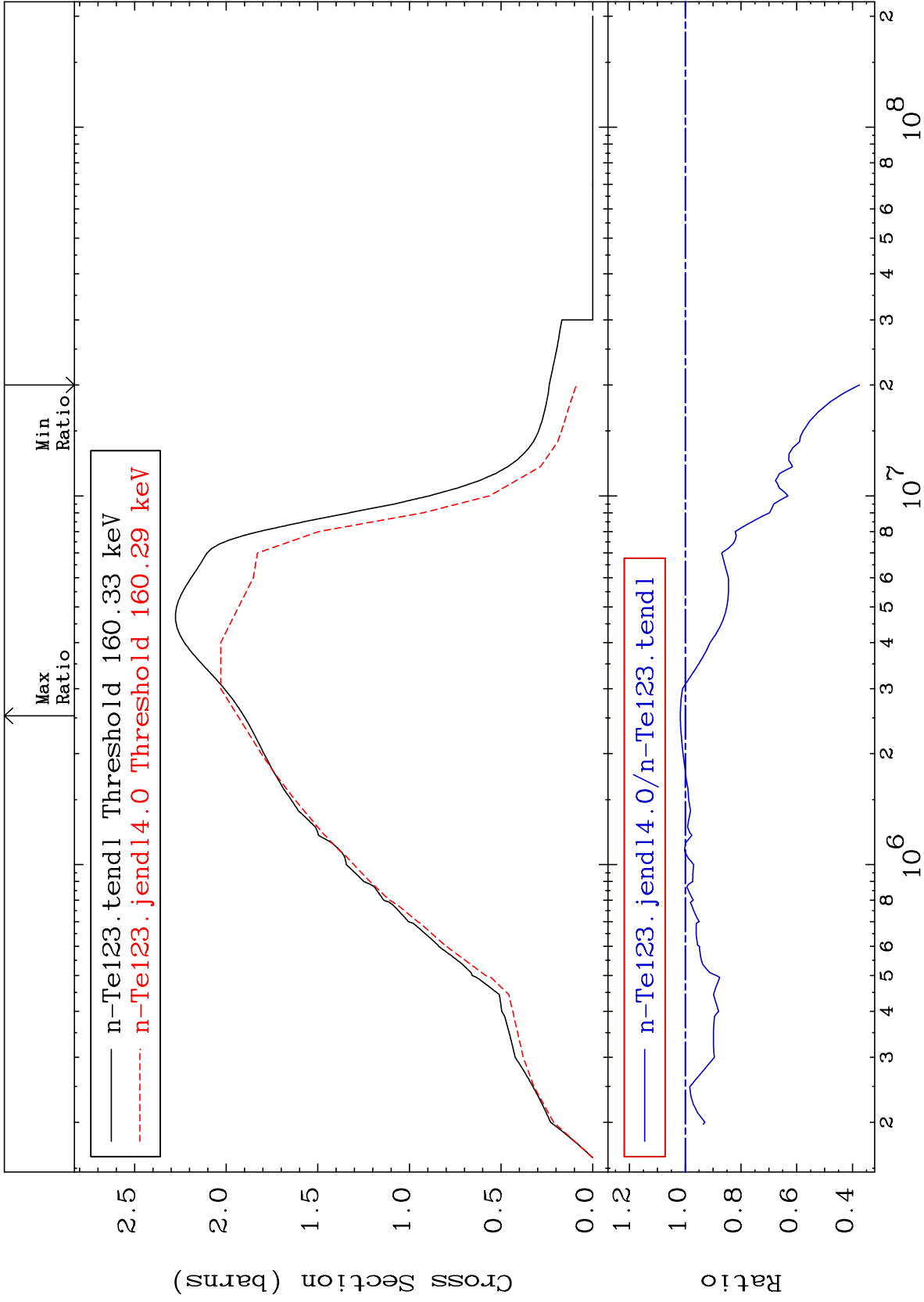
Elastic
Cross Section

52-Te-123
-18.47 To 40.29 %



MAT 5234

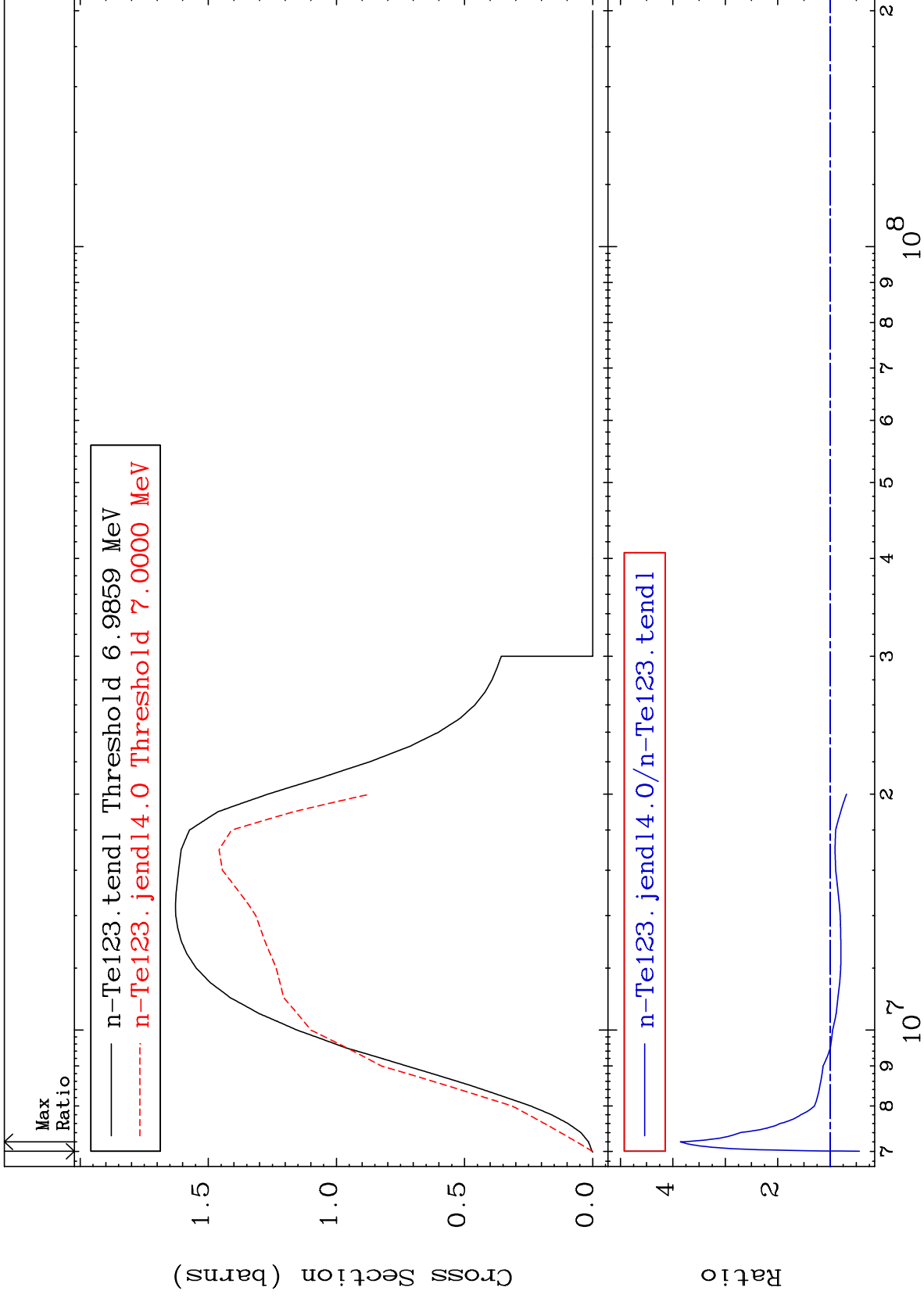
Inelastic Cross Section
52-Te-123
-62.49 To 1.752 %



MAT 5234

(n,2n)
Cross Section

52-Te-123
-55.85 To 285.7 %



4

Incident Energy (eV)

52-Te-123

MAT 5234

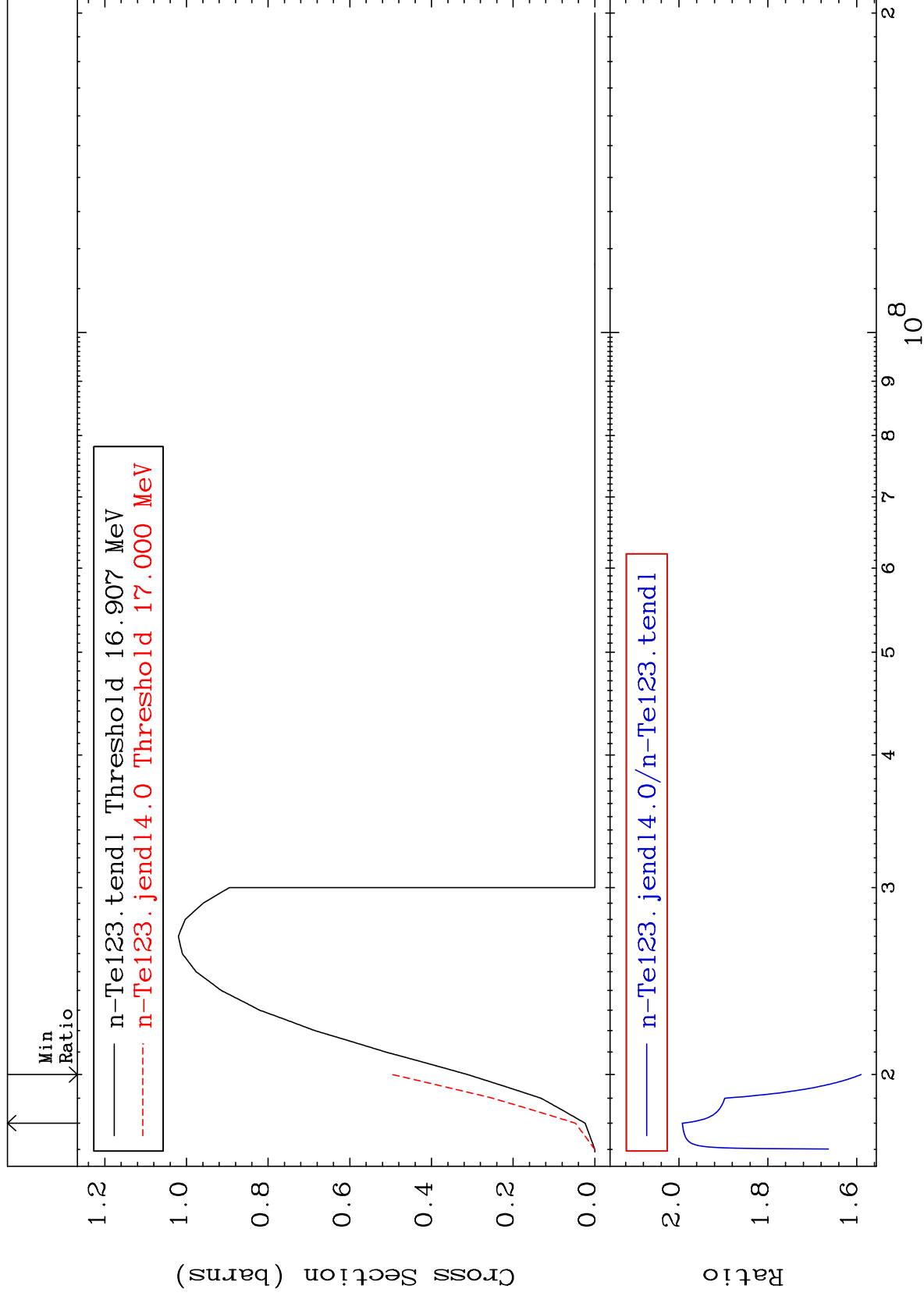
(n,3n)

52-Te-123

Cross Section

59.00

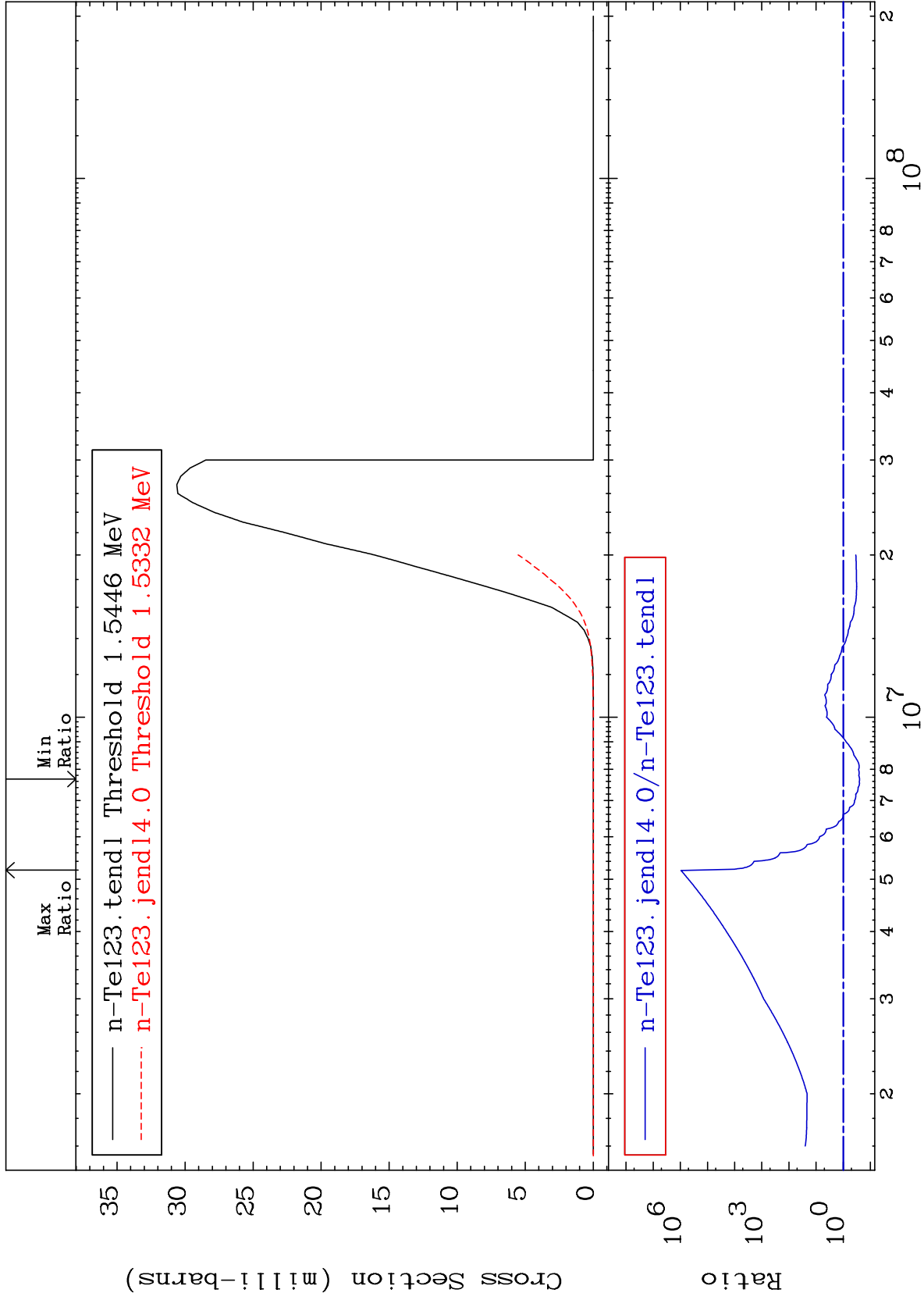
To 99.24 %



MAT 5234

(n, n') α
Cross Section

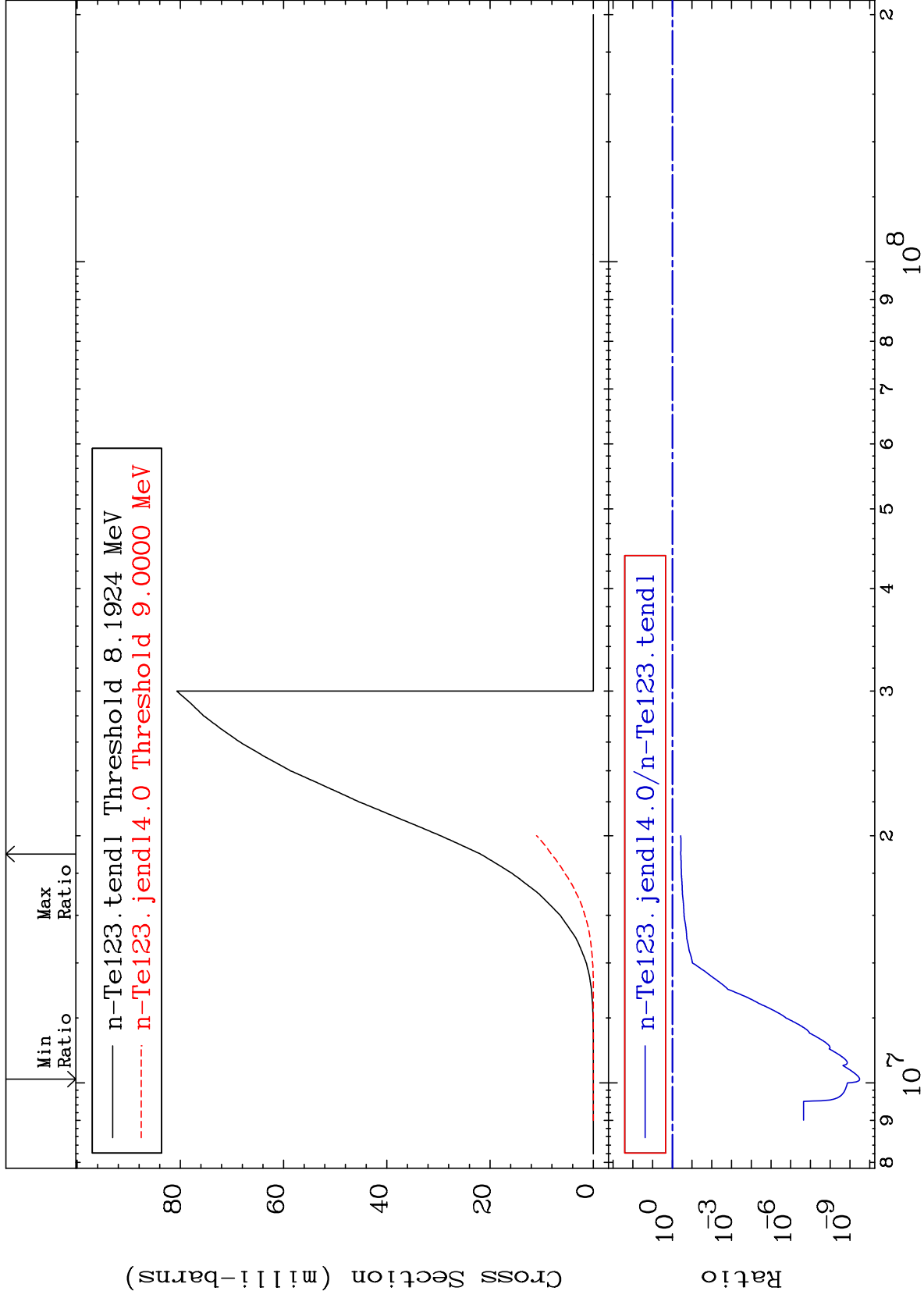
52-Te-123
-74.90 To 9999. %



MAT 5234

(n,n') p
Cross Section

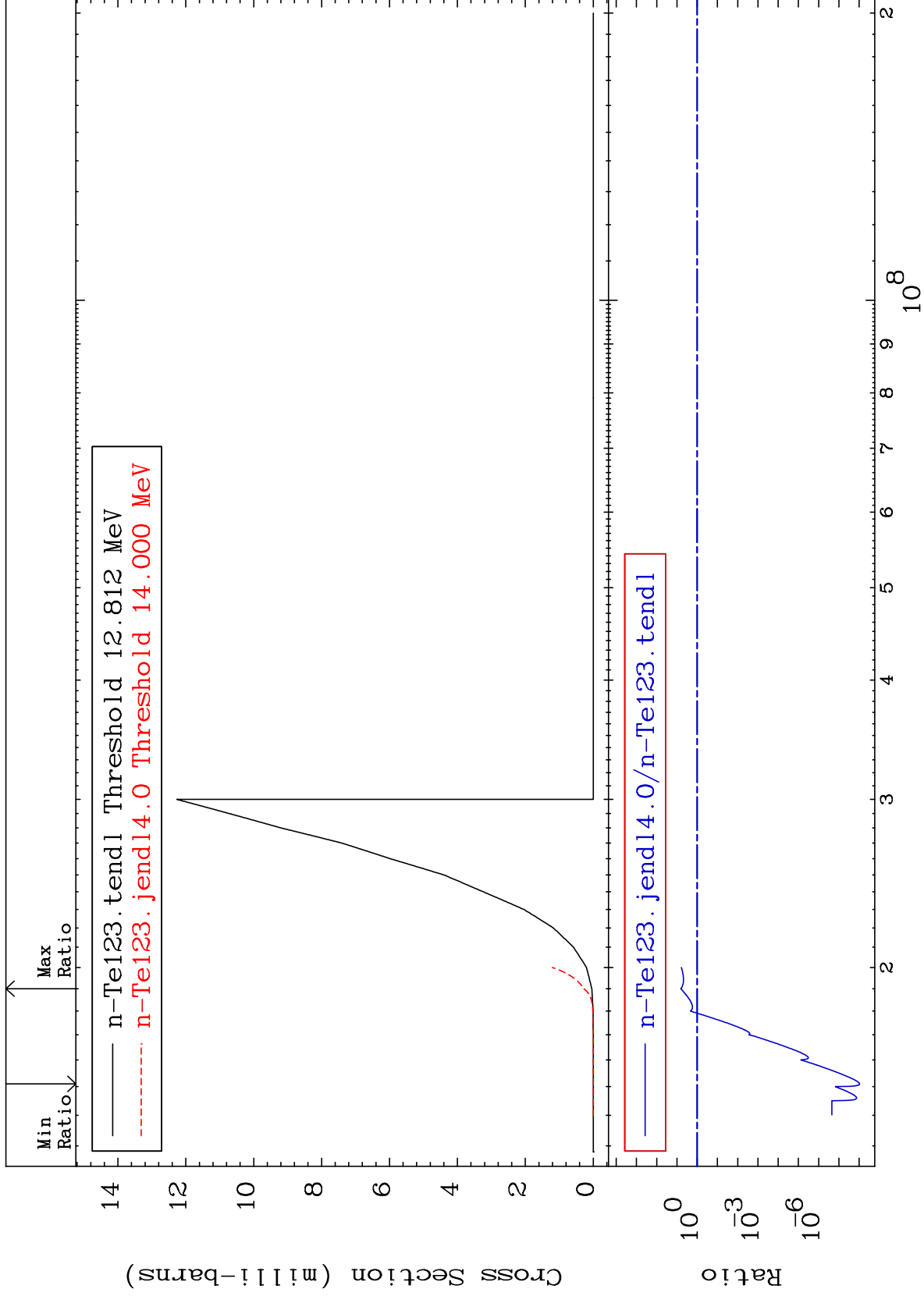
52-Te-123
-100.0 To -62.79%



7

Incident Energy (eV)

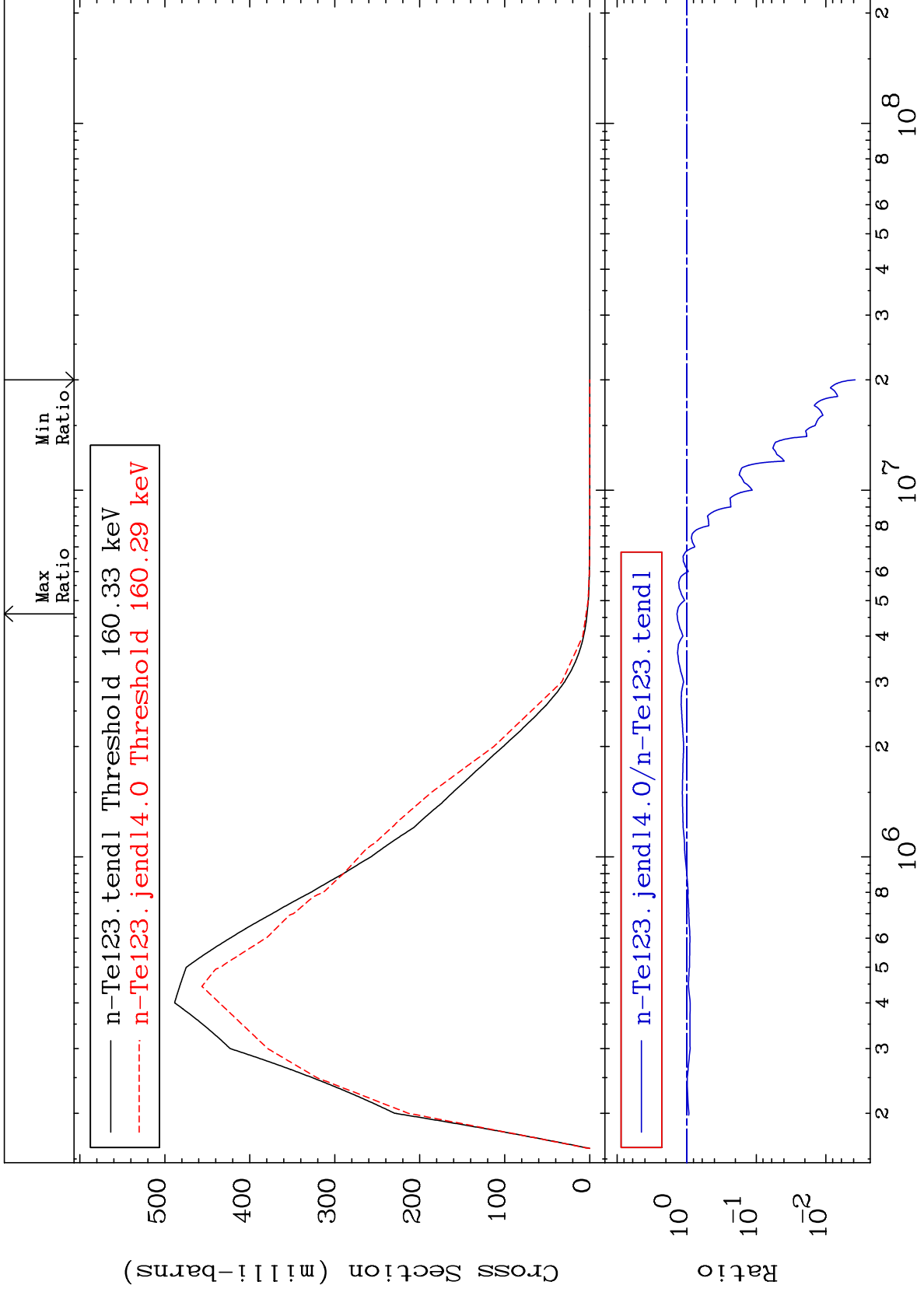
52-Te-123



MAT 5234

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

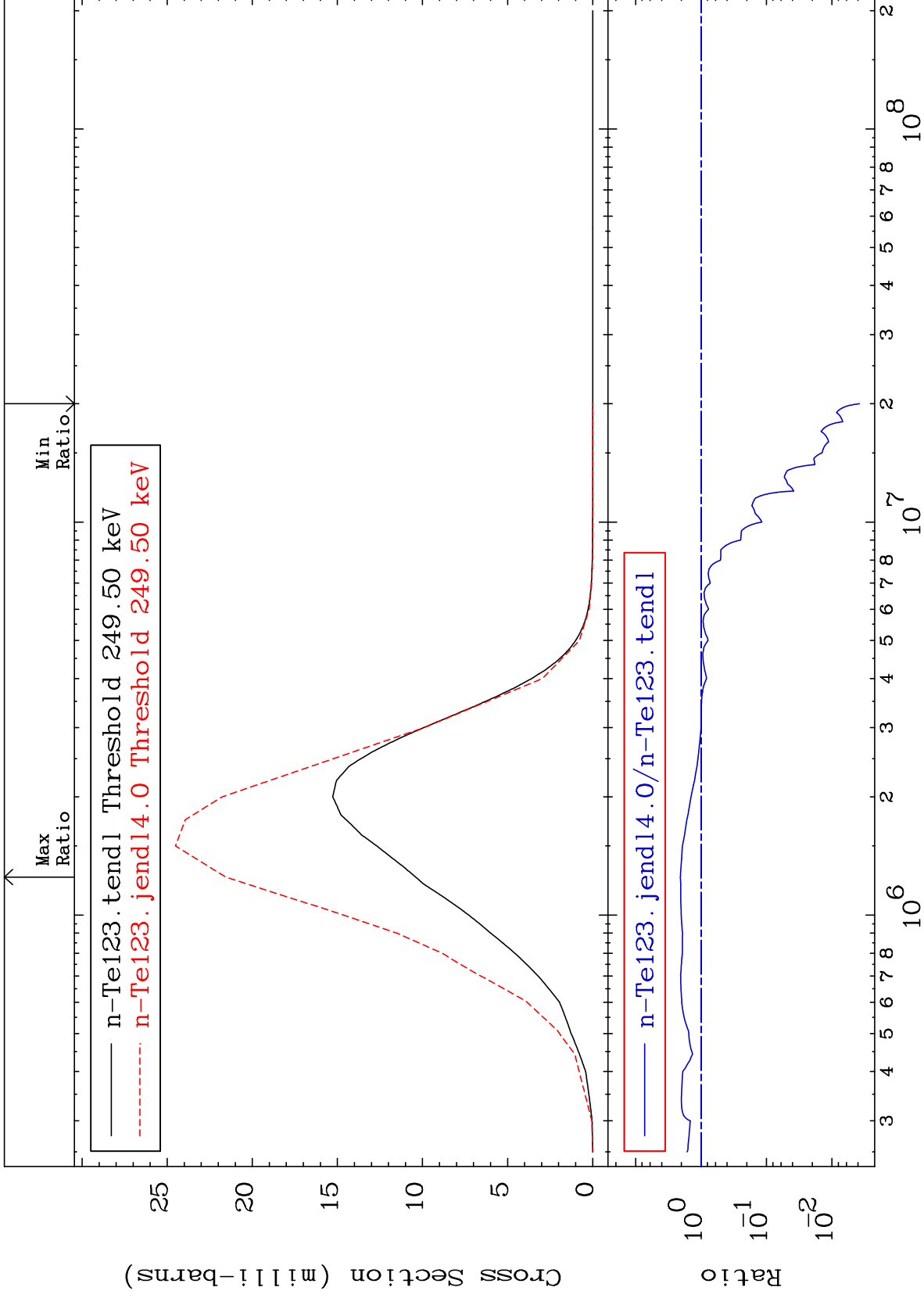
52-Te-123
-99.62 To 38.38 %



MAT 5234

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

52-Te-123
-99.62 To 107.2 %



10

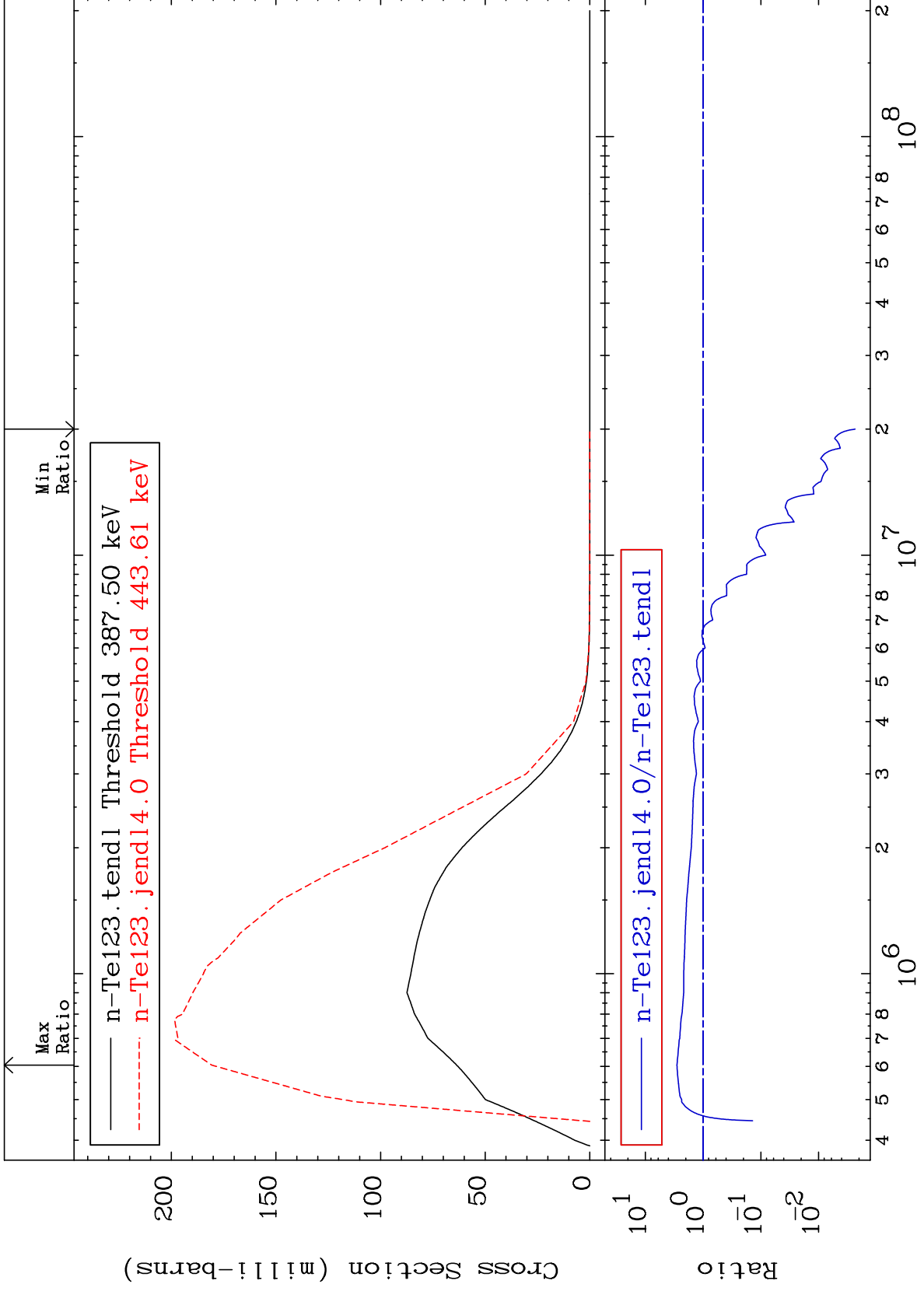
Incident Energy (eV)

52-Te-123

MAT 5234

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

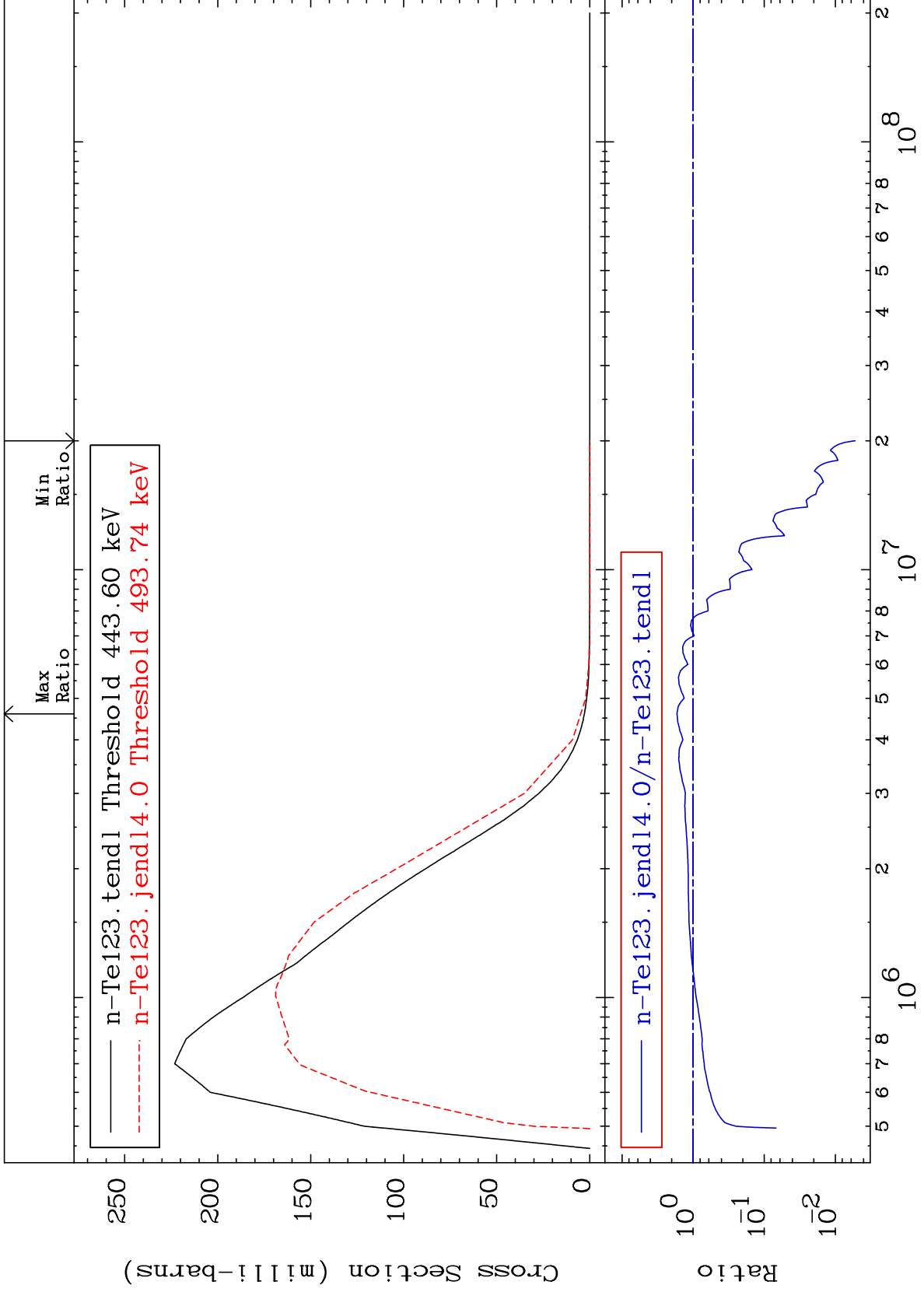
52-Te-123
-99.77 To 184.2 %



MAT 5234

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

52-Te-123
-99.47 To 69.01 %



12

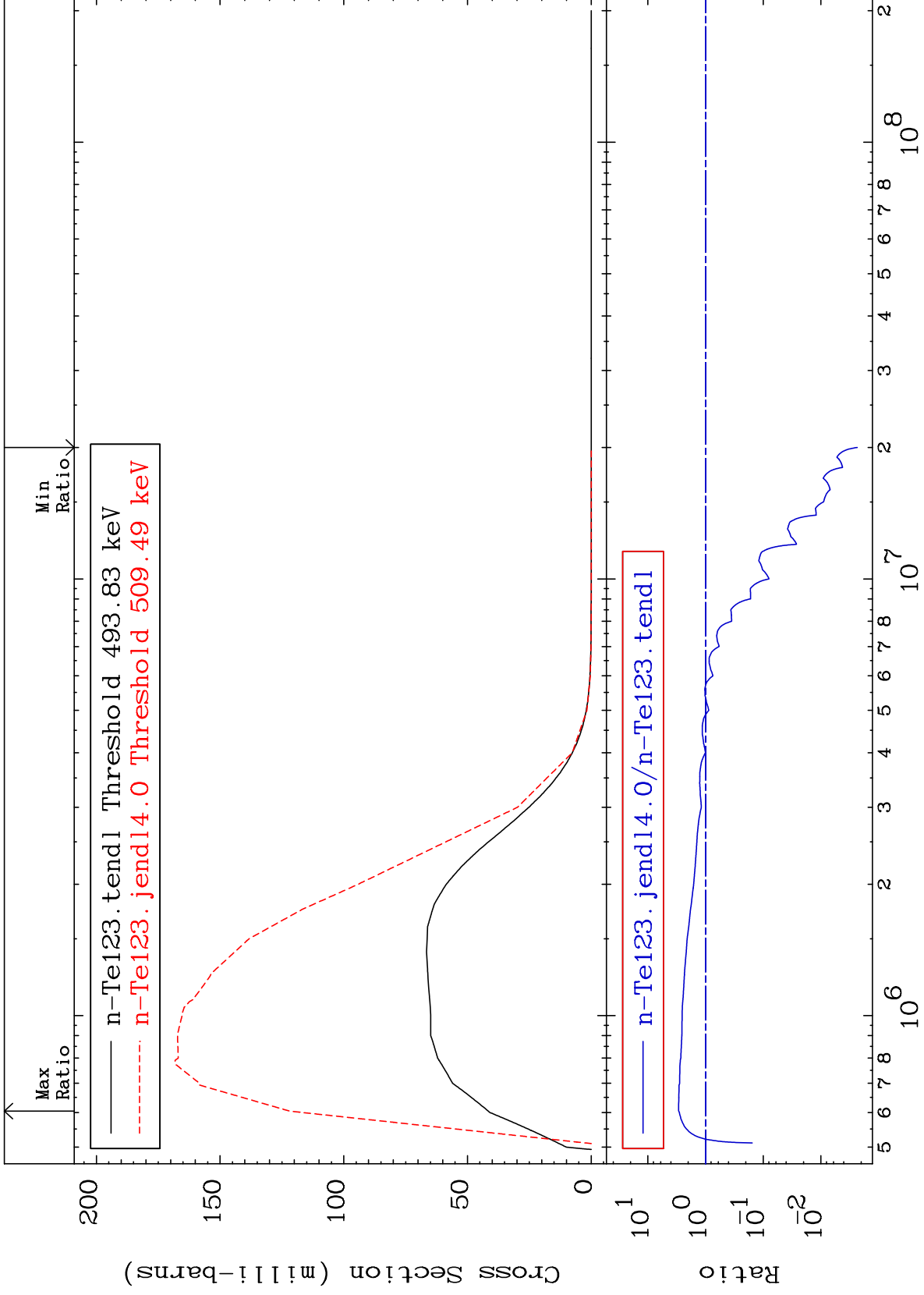
Incident Energy (eV)

52-Te-123

MAT 5234

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

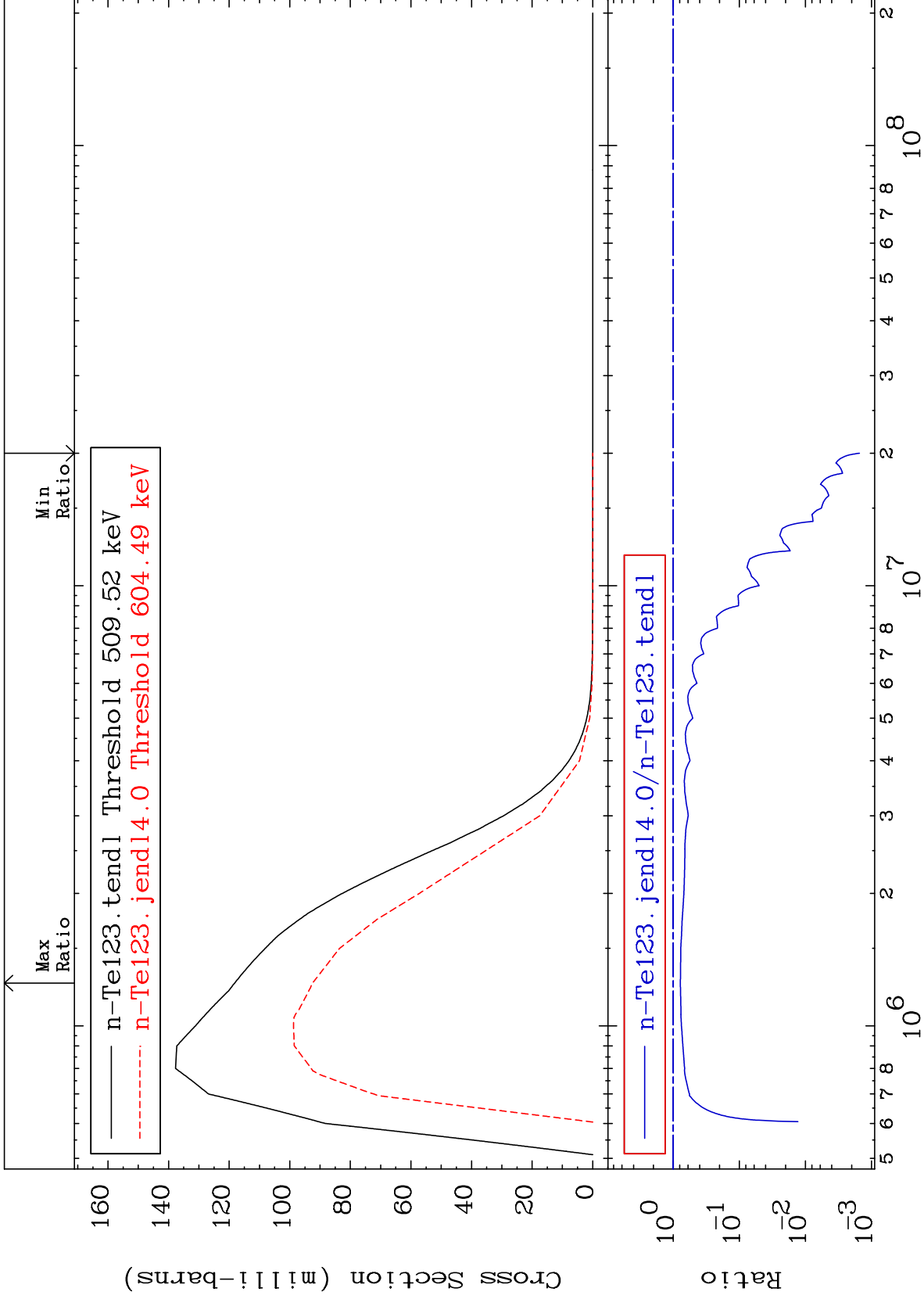
52-Te-123
-99.77 To 192.9 %



MAT 5234

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

52-Te-123
-99.85 To -21.76%



14

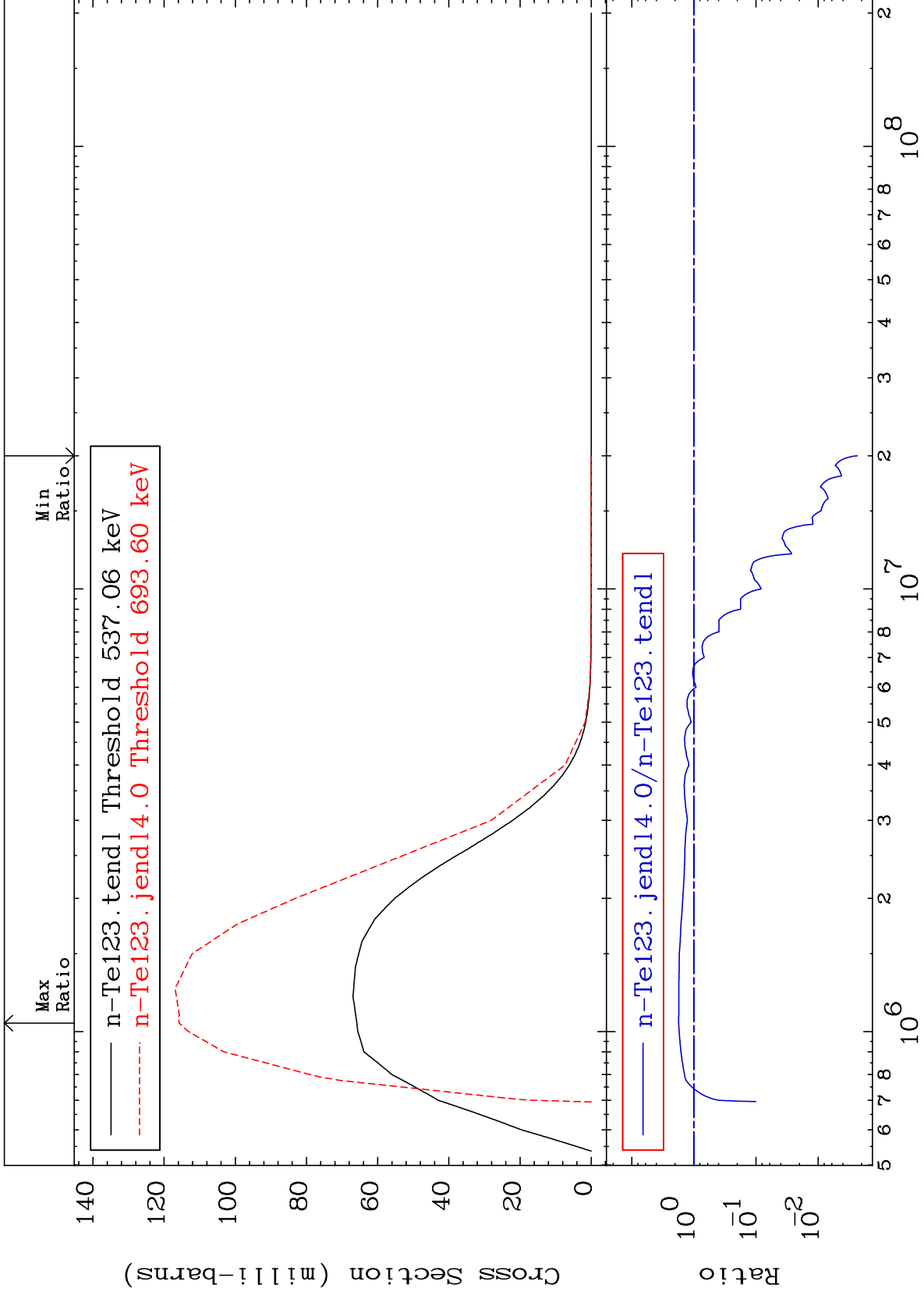
Incident Energy (eV)

52-Te-123

MAT 5234

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

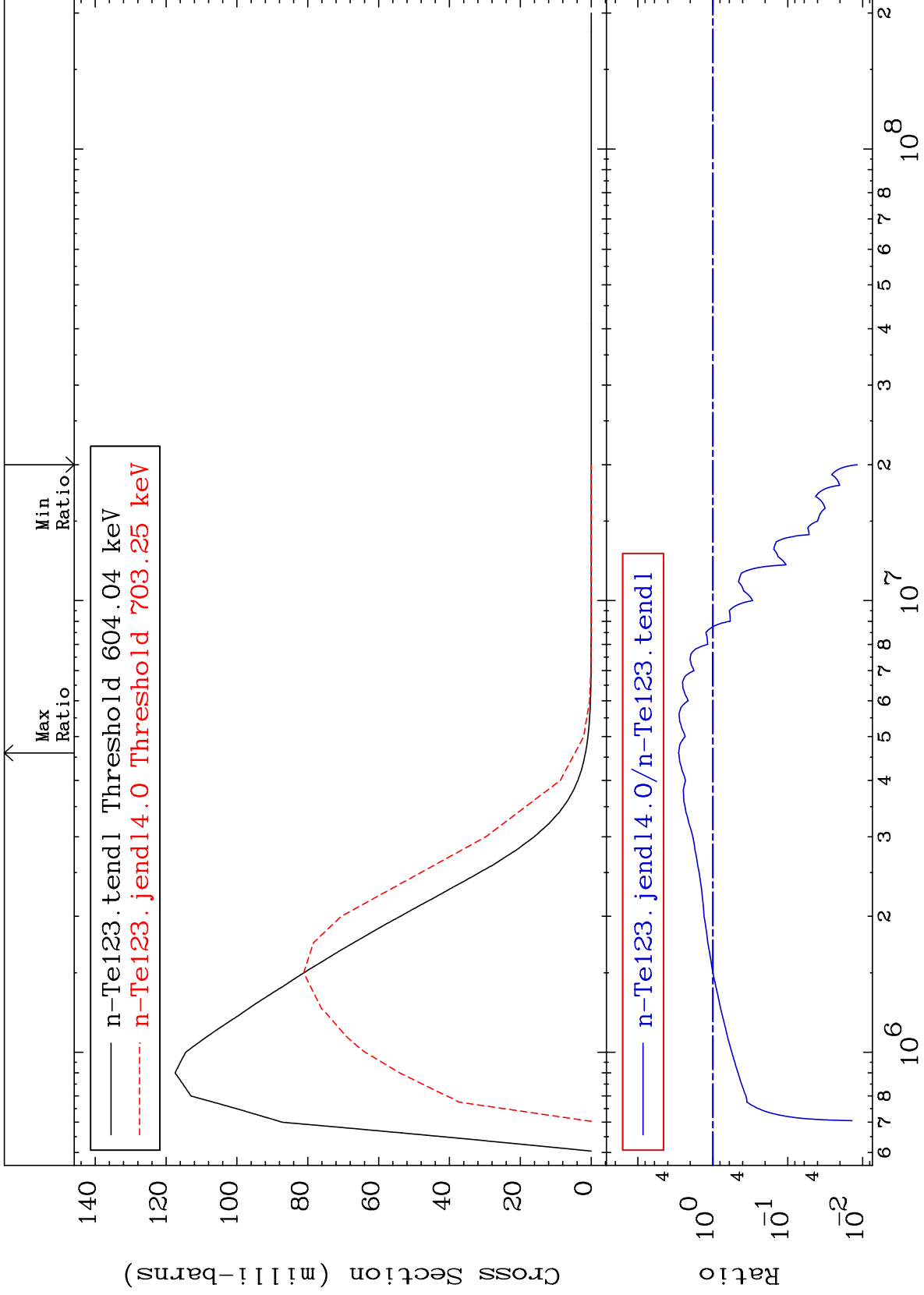
52-Te-123
-99.77 To 75.70 %



MAT 5234

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

52-Te-123
-98.82 To 186.0 %



16

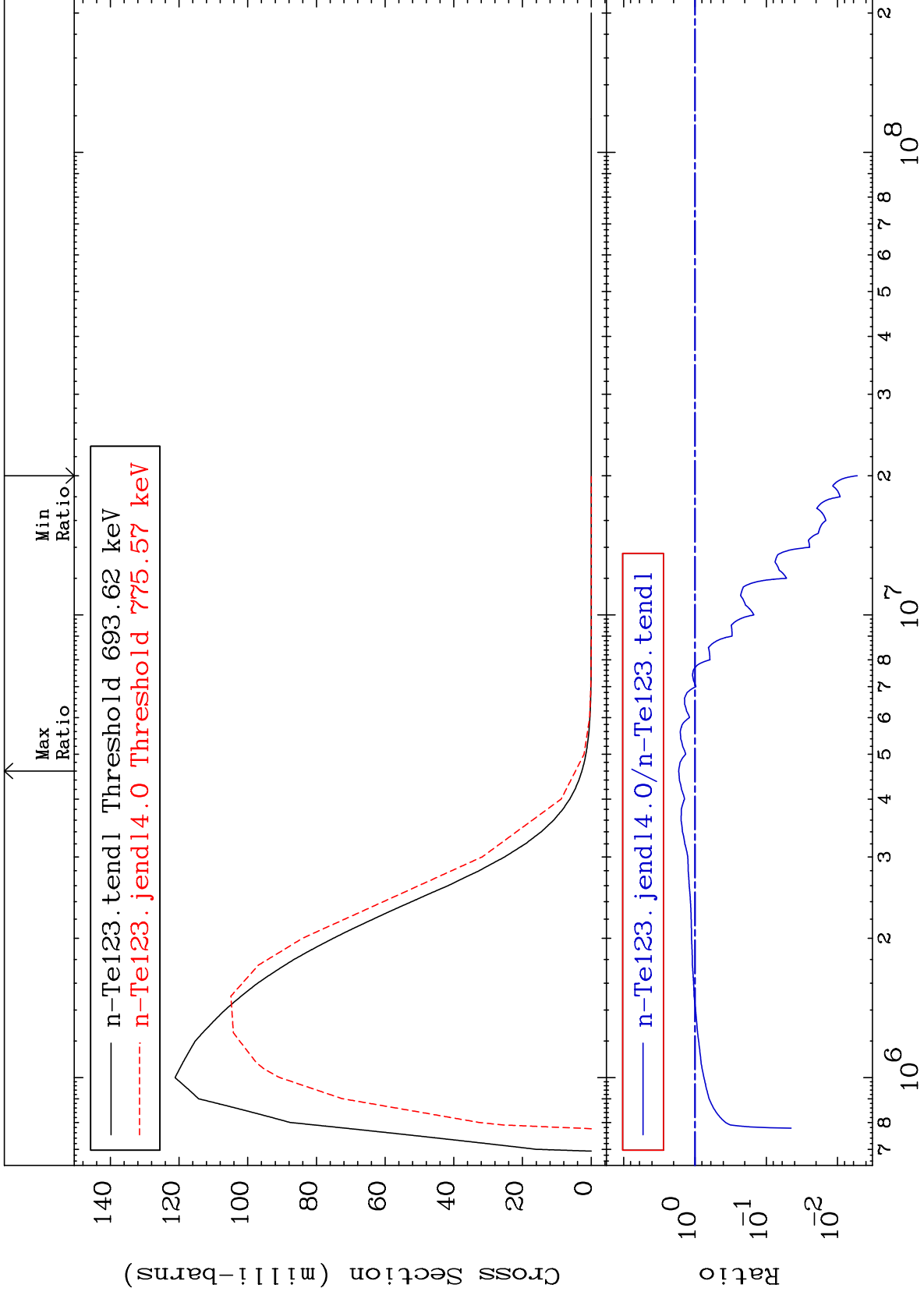
Incident Energy (eV)

52-Te-123

MAT 5234

MT= 59 (n,n') Level
Cross Section

52-Te-123
-99.47 To 69.43 %



17

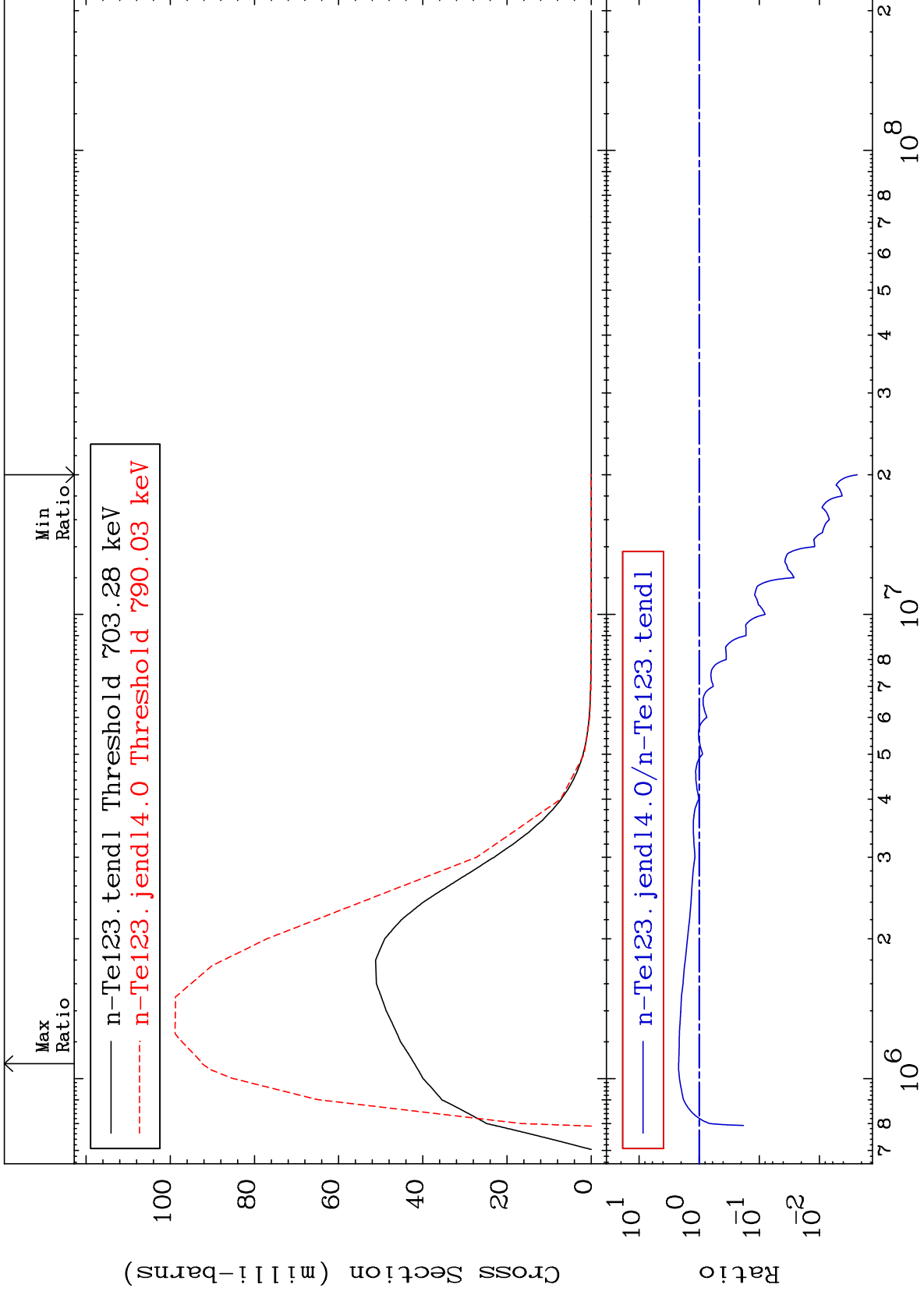
Incident Energy (eV)

52-Te-123

MAT 5234

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

52-Te-123
-99.77 To 120.2 %



18

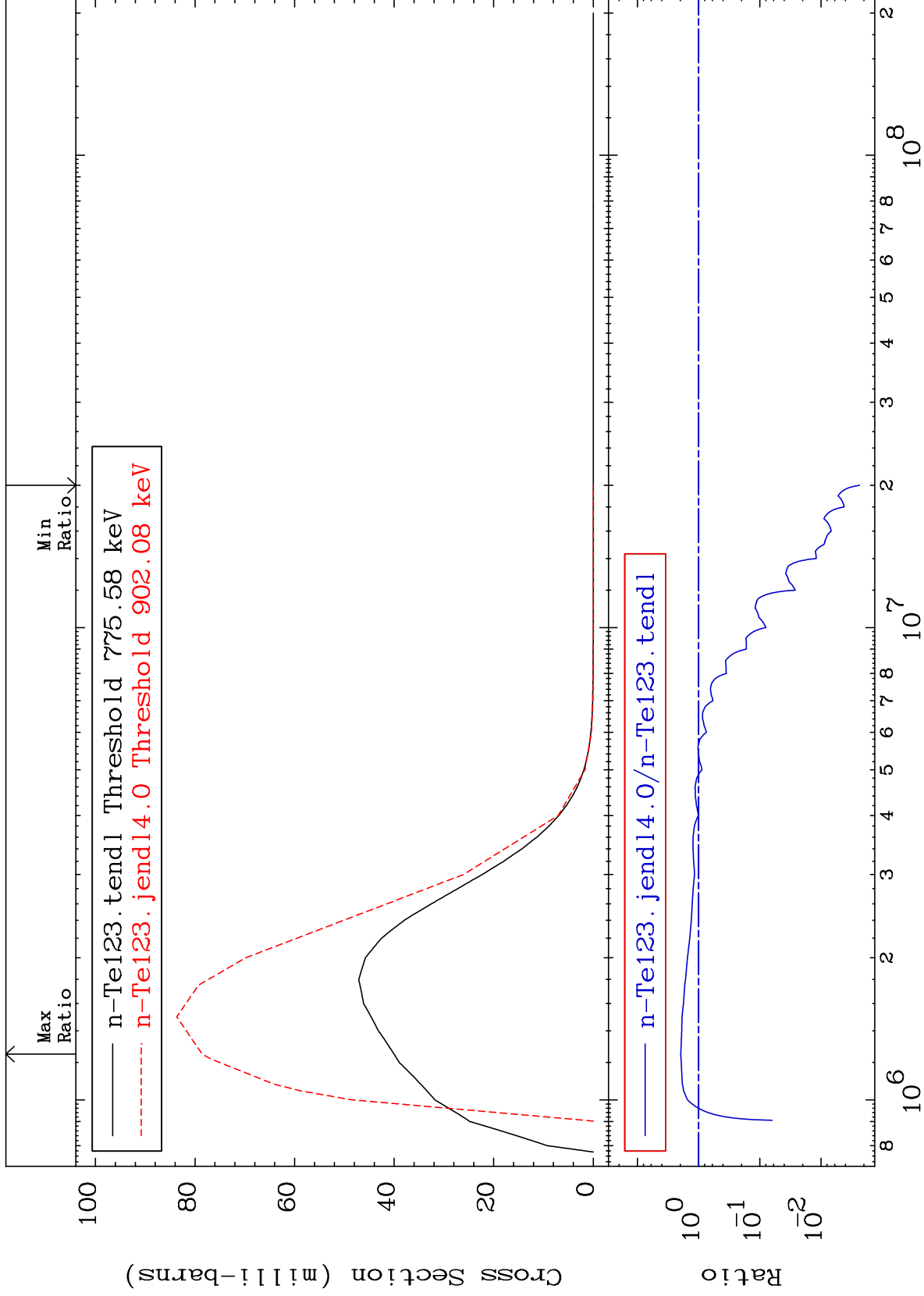
Incident Energy (eV)

52-Te-123

MAT 5234

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

52-Te-123
-99.76 To 96.32 %



19

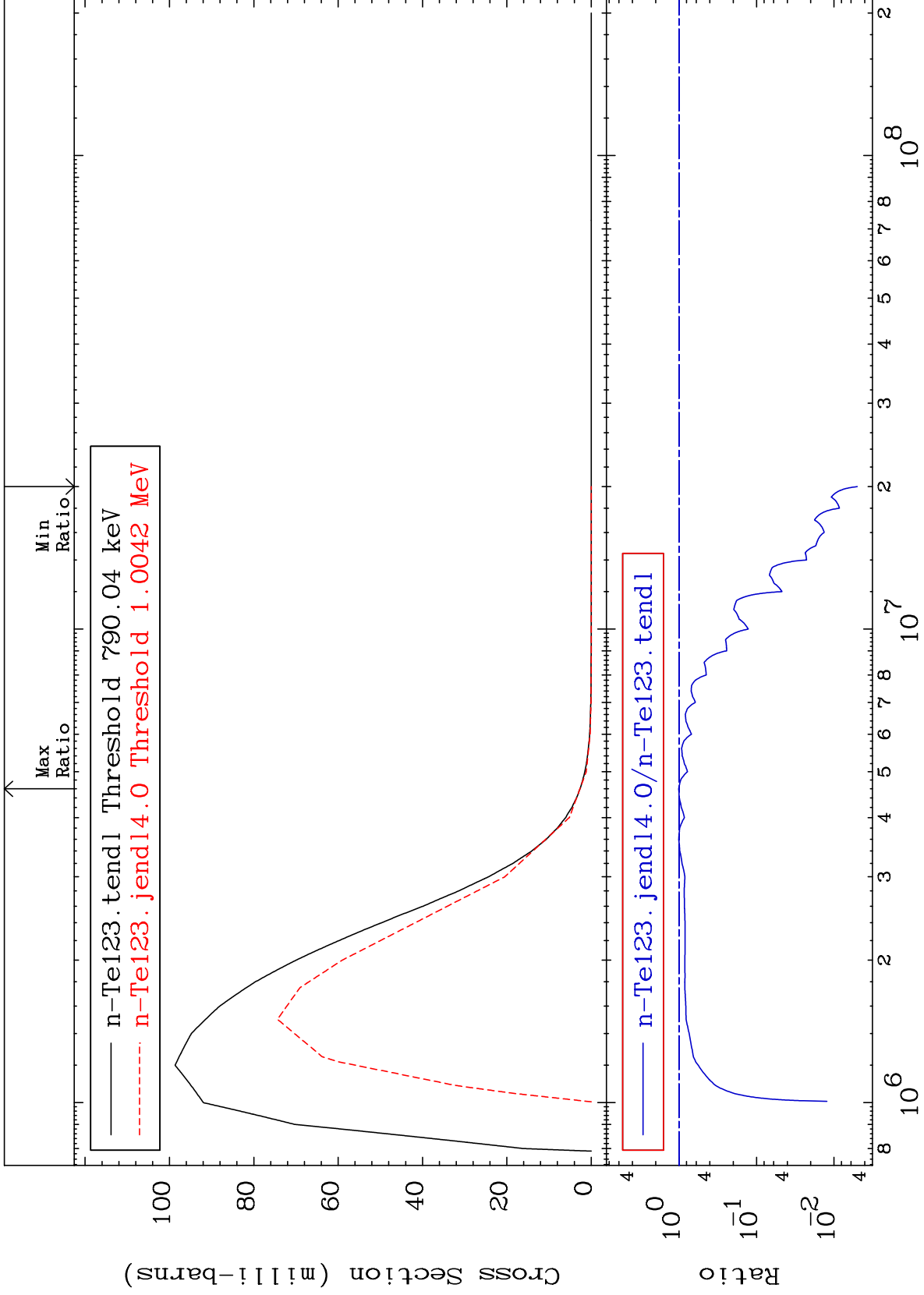
Incident Energy (eV)

52-Te-123

MAT 5234

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

52-Te-123
-99.50 To 1.365 %



20

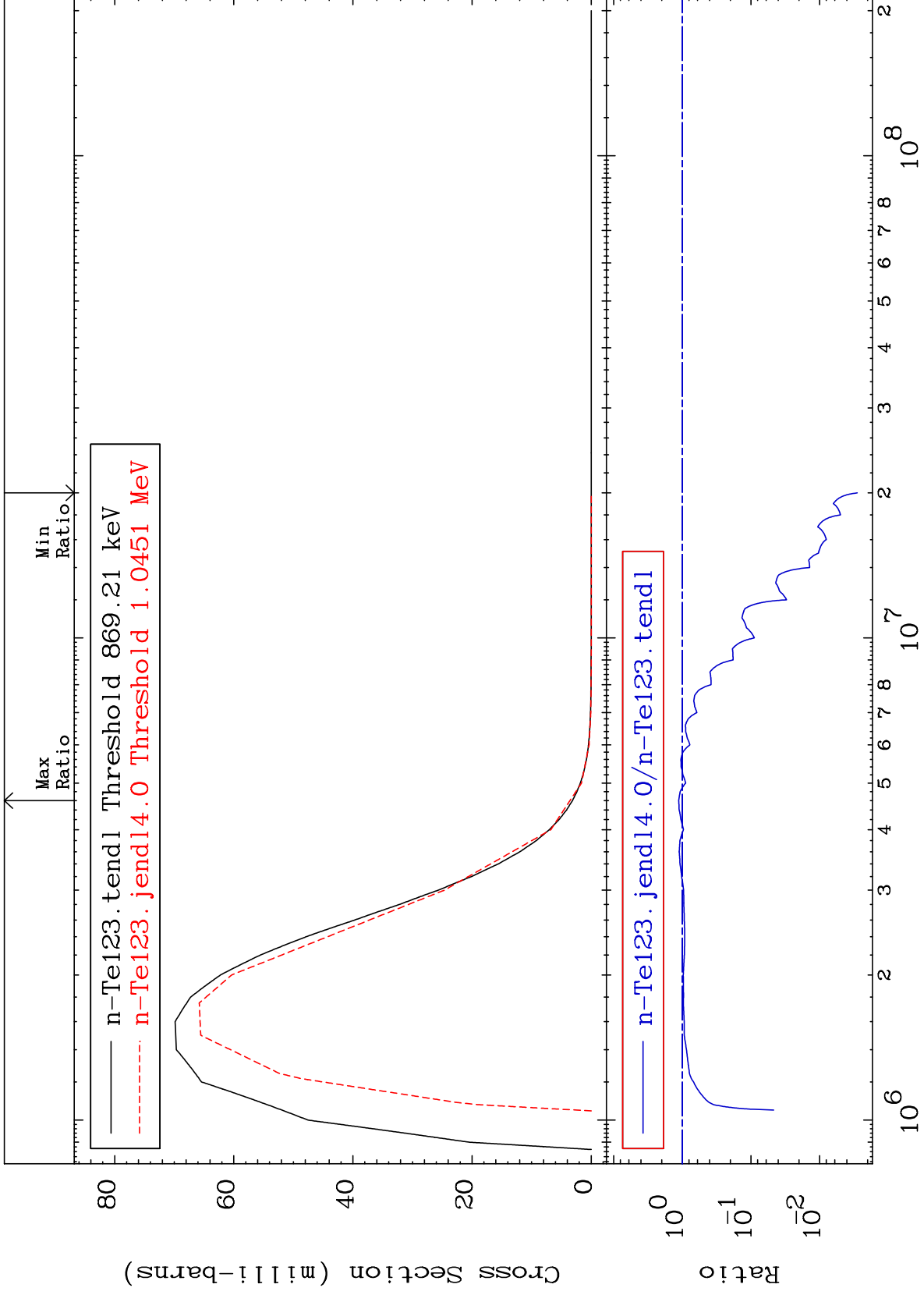
Incident Energy (eV)

52-Te-123

MAT 5234

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

52-Te-123
-99.72 To 13.22 %



21

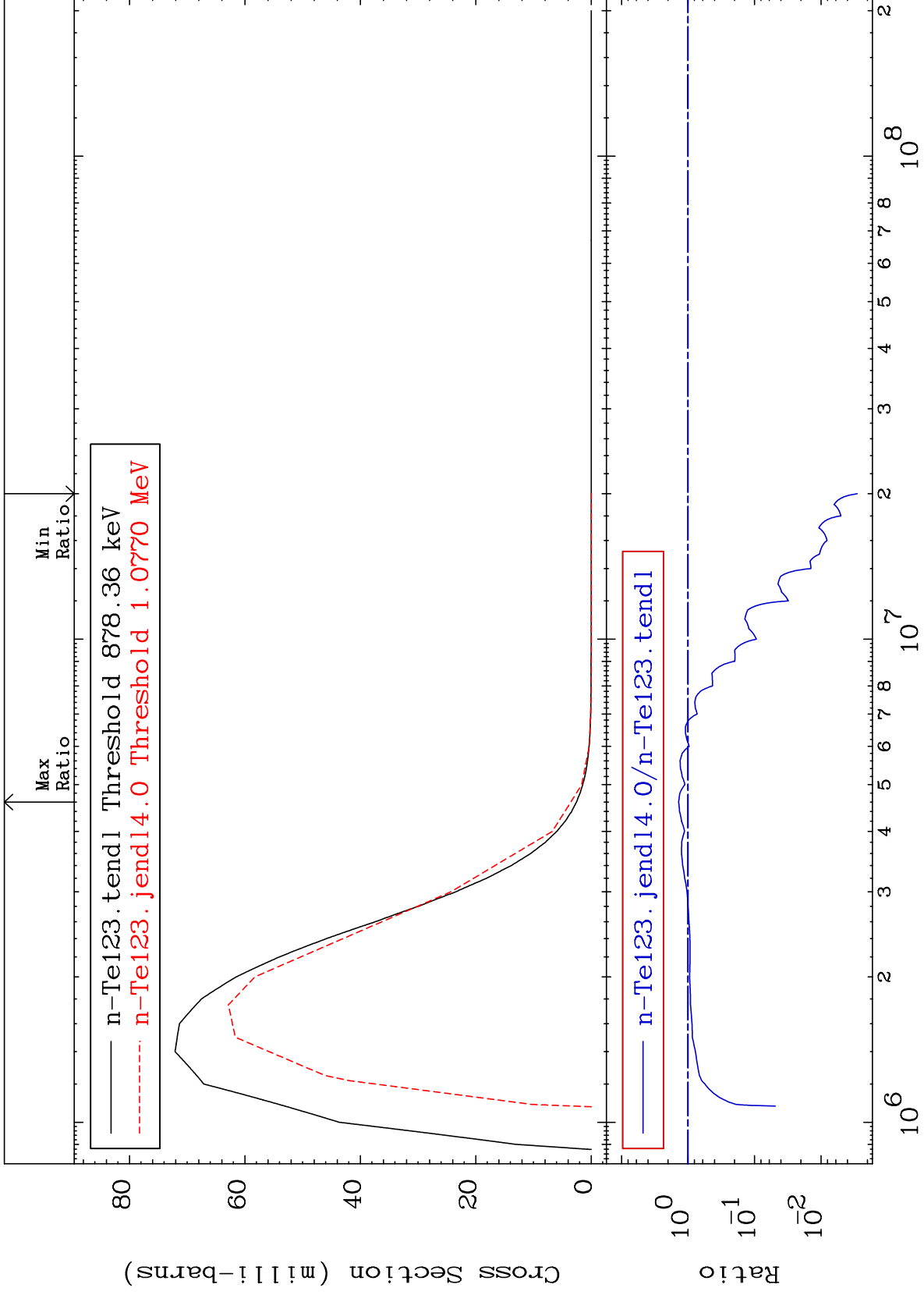
Incident Energy (eV)

52-Te-123

MAT 5234

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

52-Te-123
-99.72 To 38.45 %



22

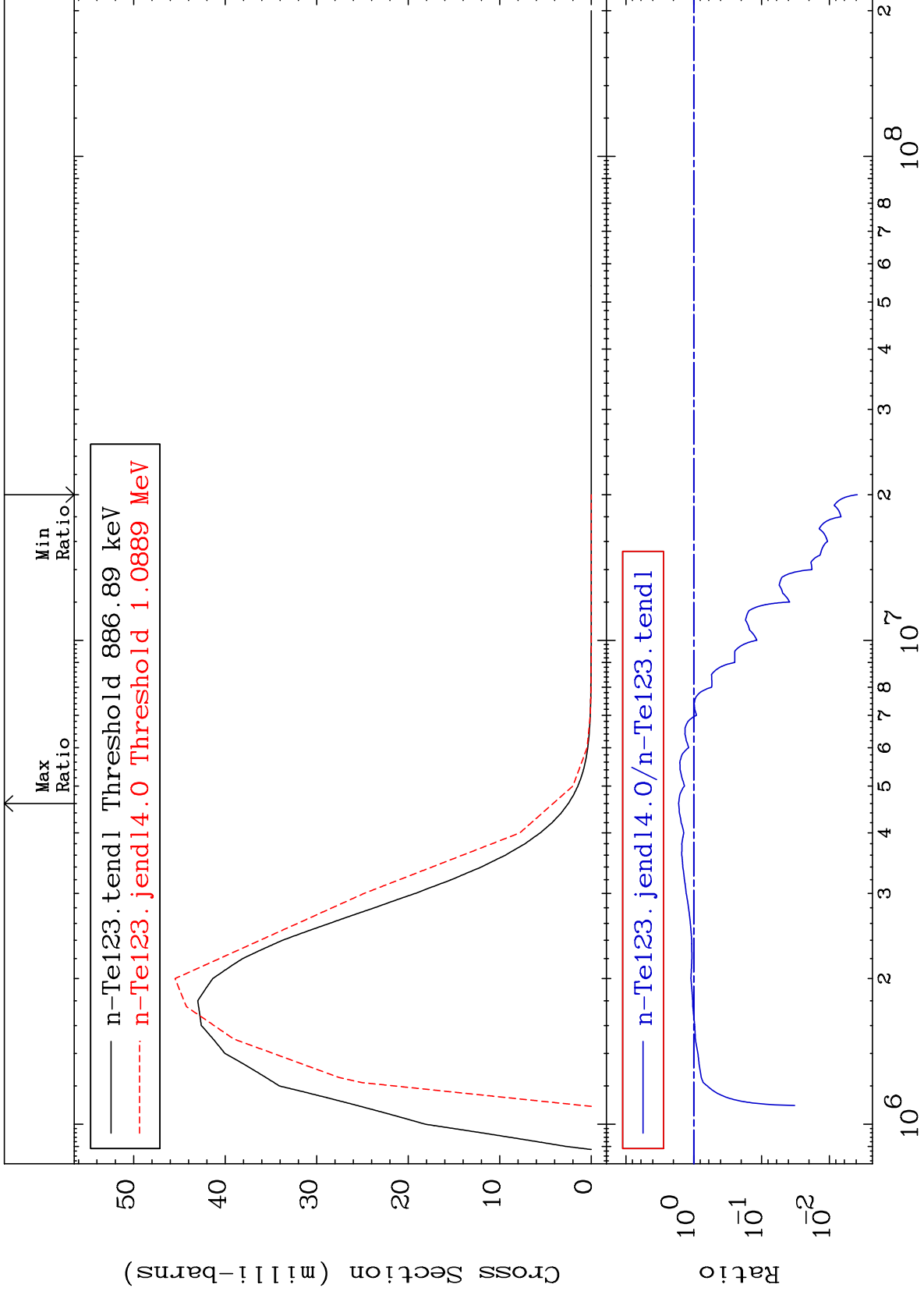
Incident Energy (eV)

52-Te-123

MAT 5234

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

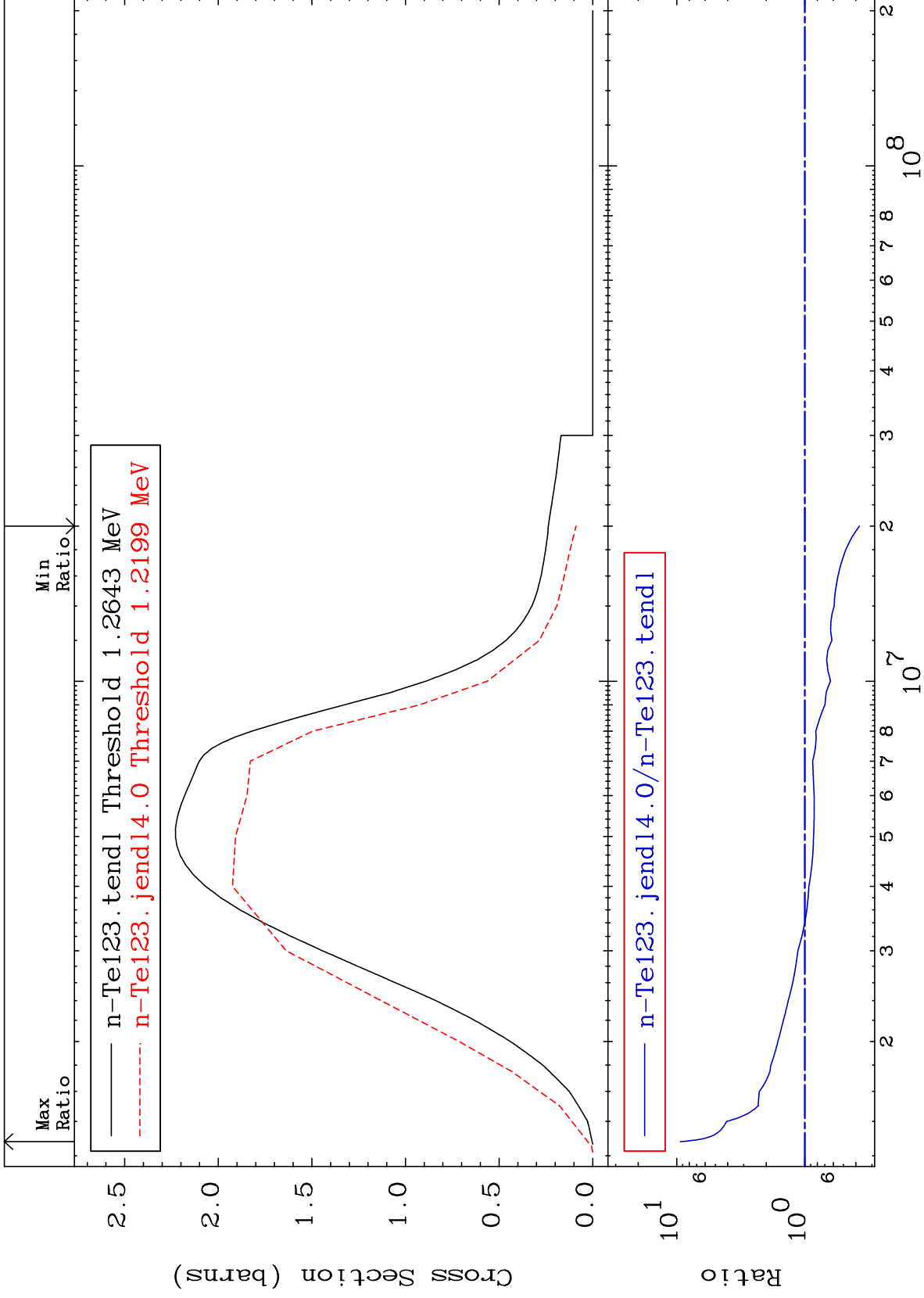
52-Te-123
-99.61 To 66.88 %



23

Incident Energy (eV)

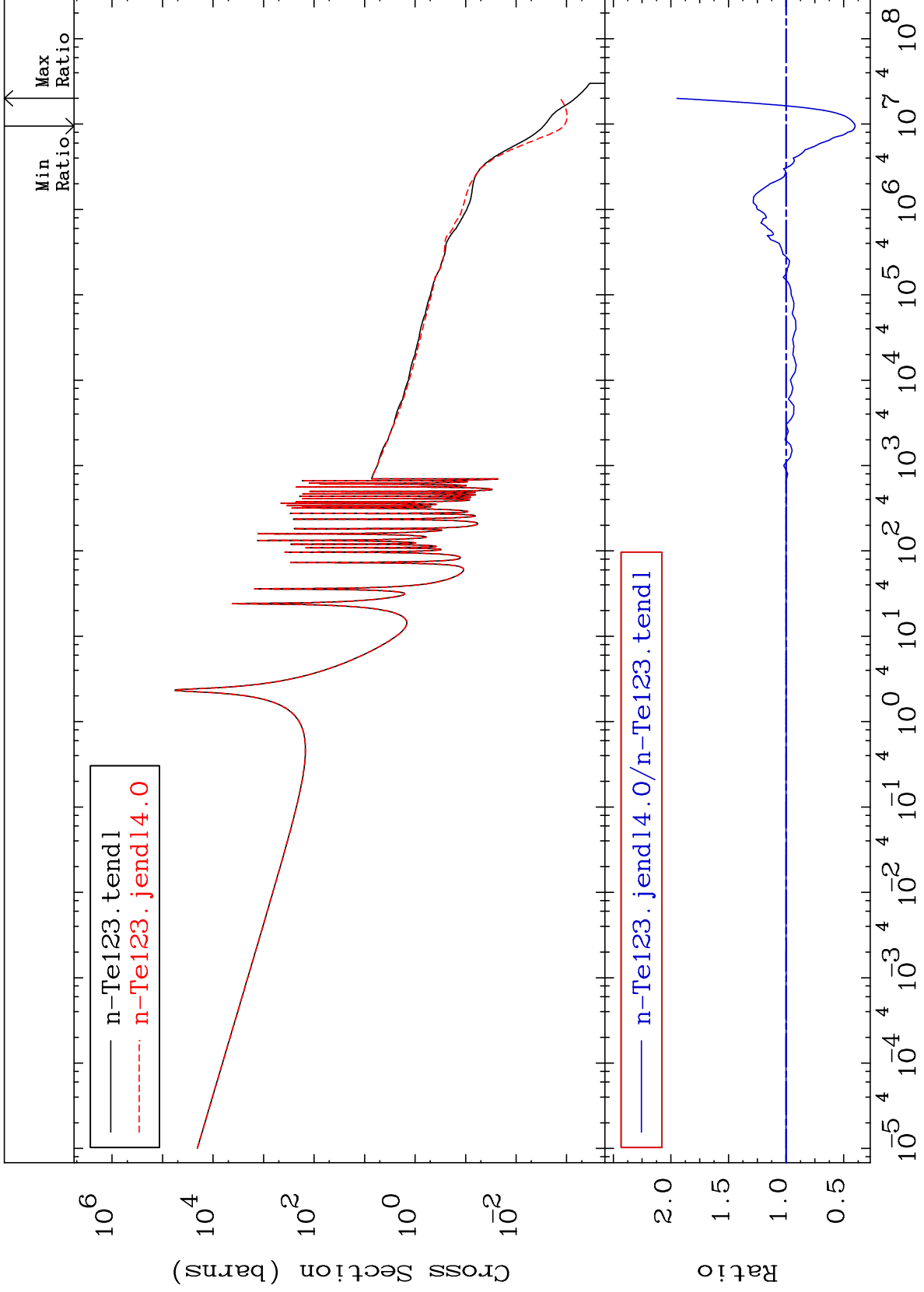
52-Te-123



MAT 5234

(n, γ)
Cross Section

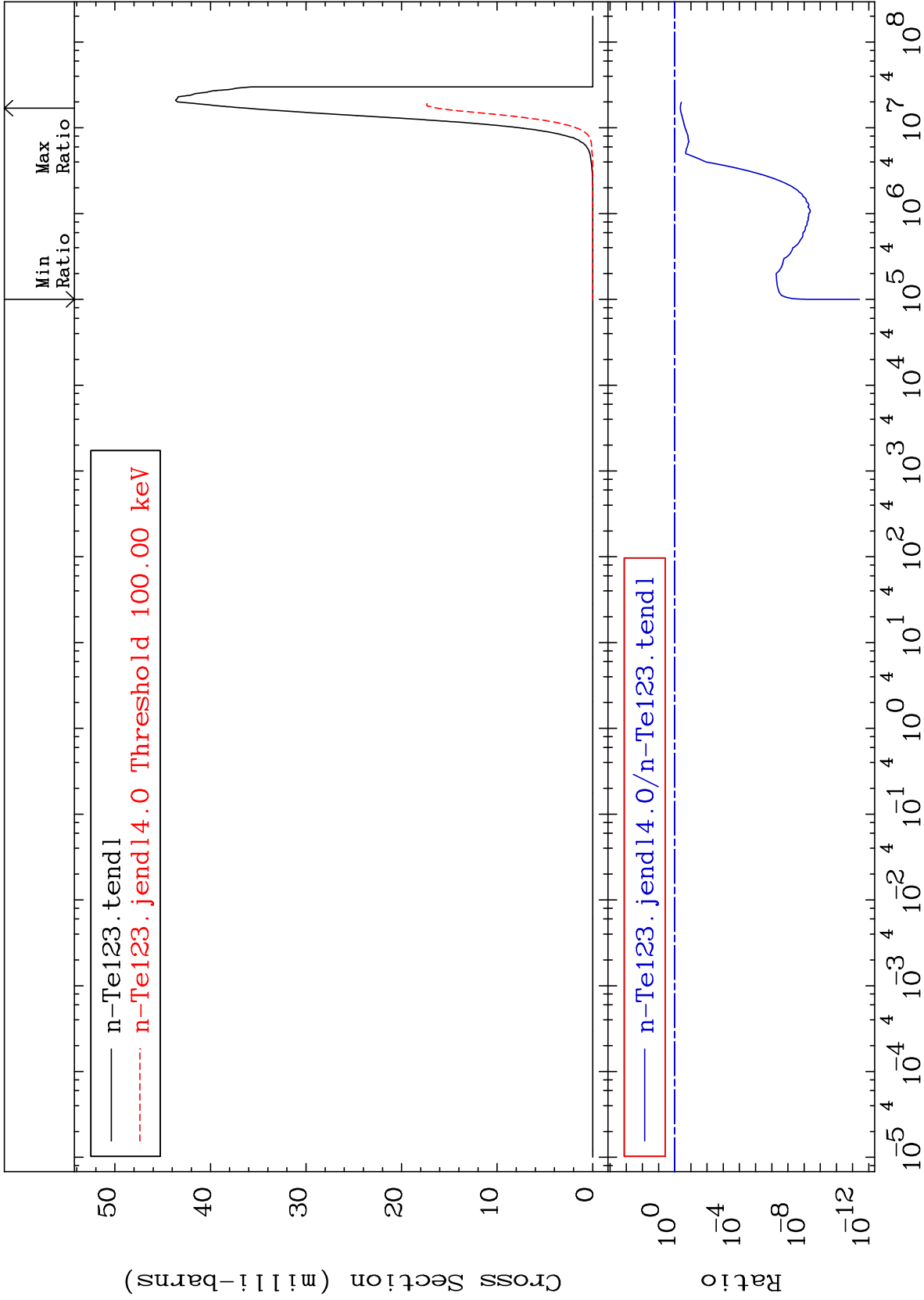
52-Te-123
-59.88 To 94.77 %



MAT 5234

(n,p)
Cross Section

52-Te-123
-100.0 To -55.18%



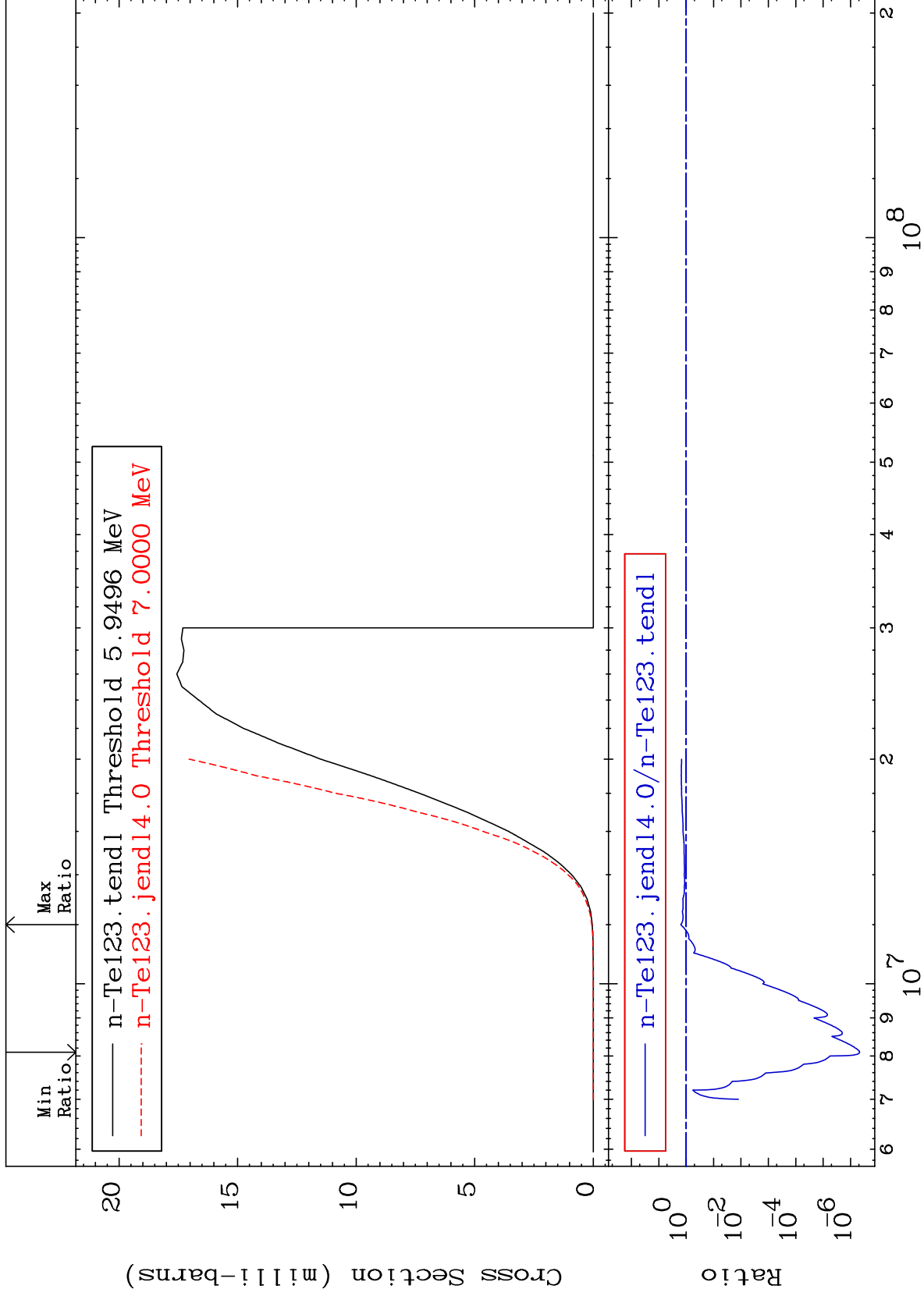
MAT 5234

(n, d)

52-Te-123

Cross Section

-100.0 To 57.45 %



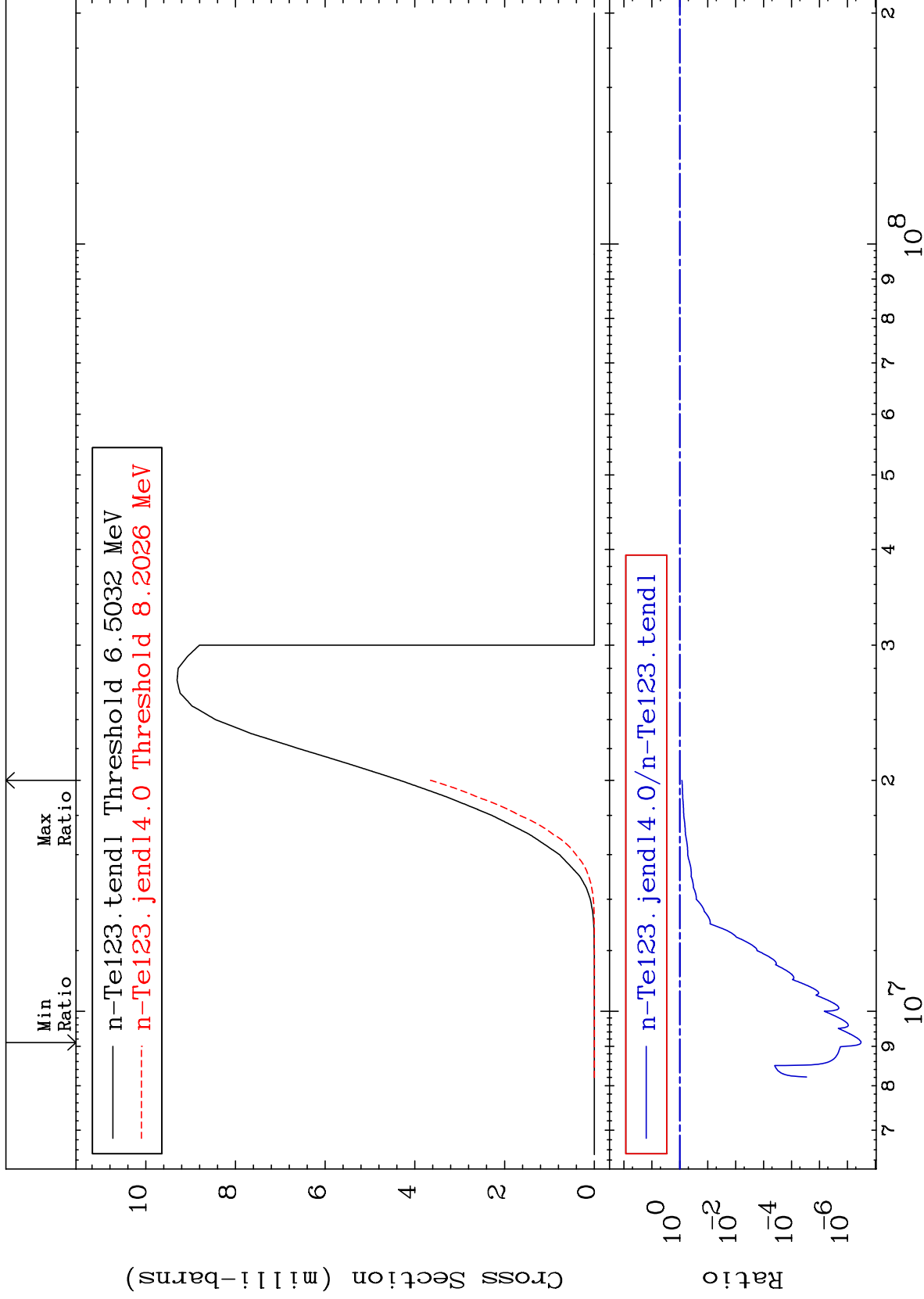
MAT 5234

(n, t)

52-Te-123

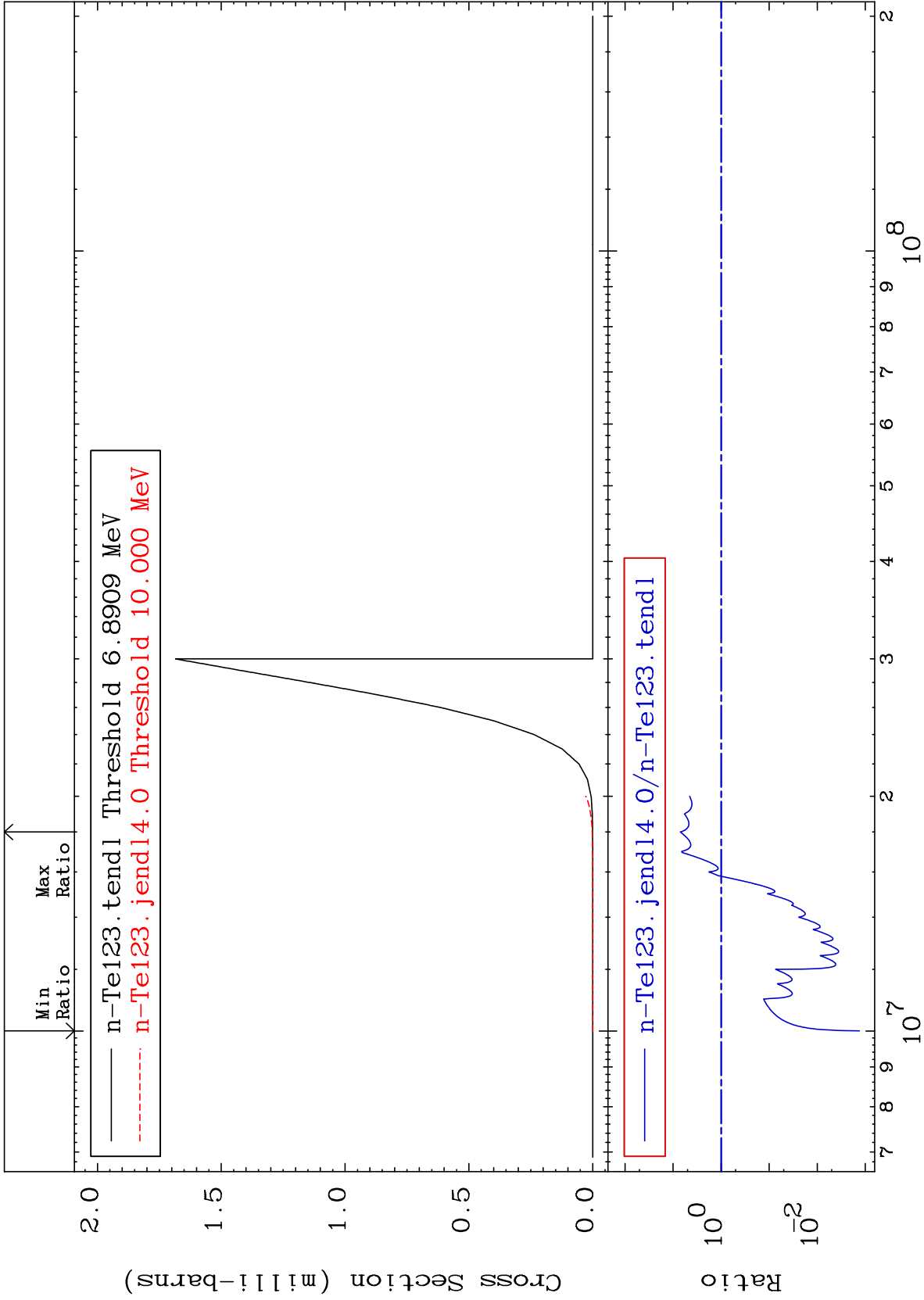
Cross Section

-100.0 To -15.75%



Cross Section

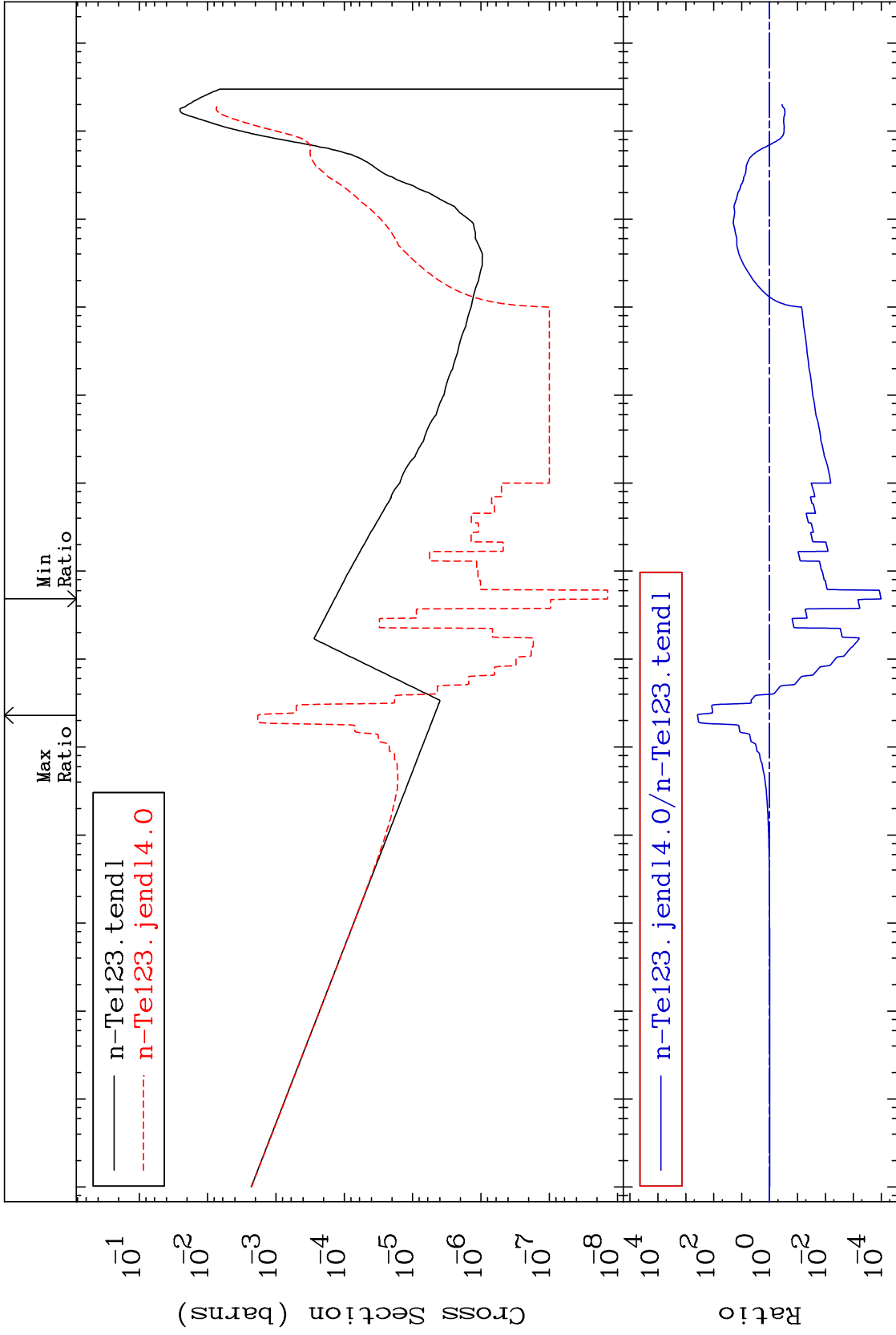
-99.87 To 606.1 %

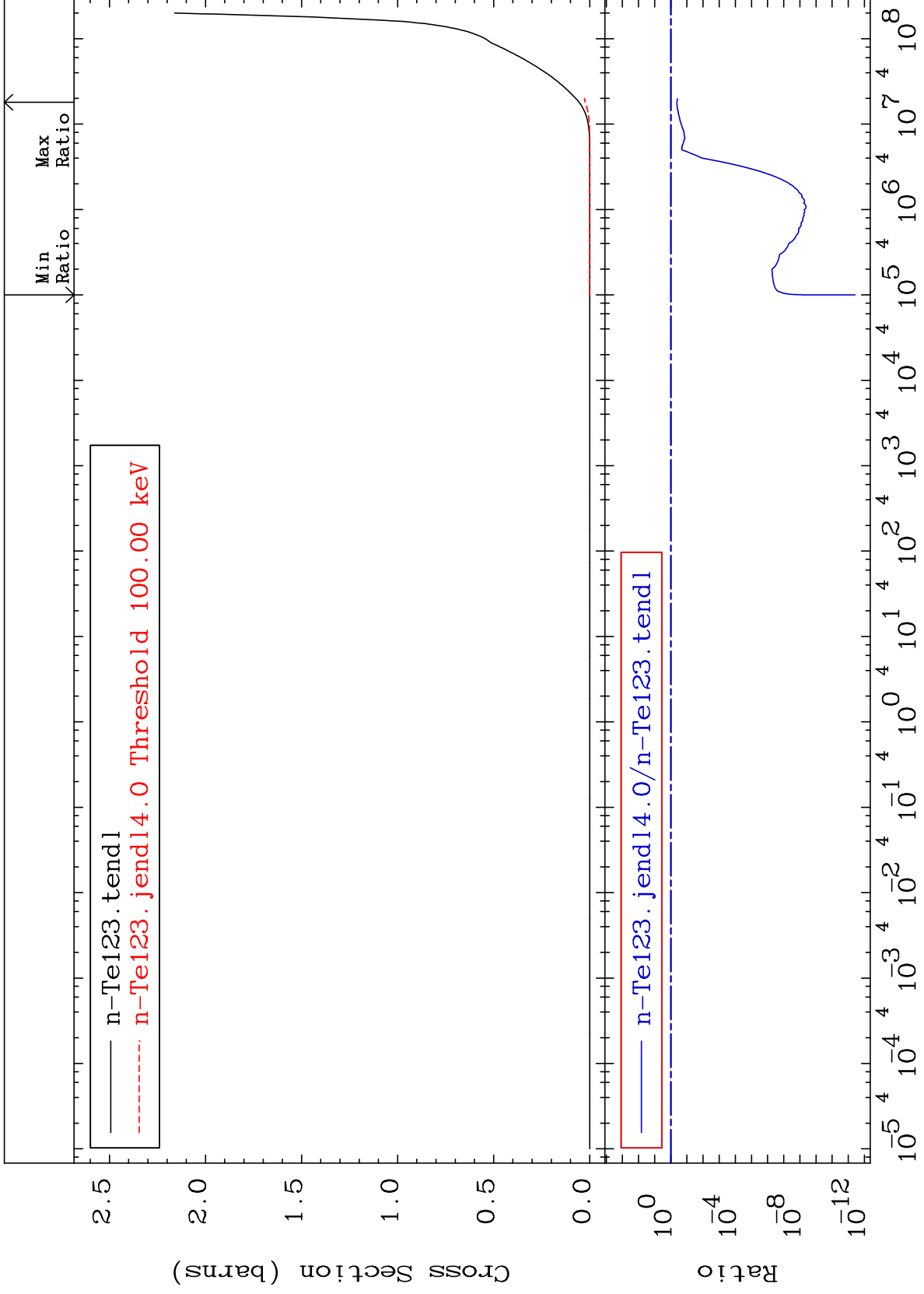


MAT 5234

(n, α)
Cross Section

52-Te-123
-99.99 To 9999. %

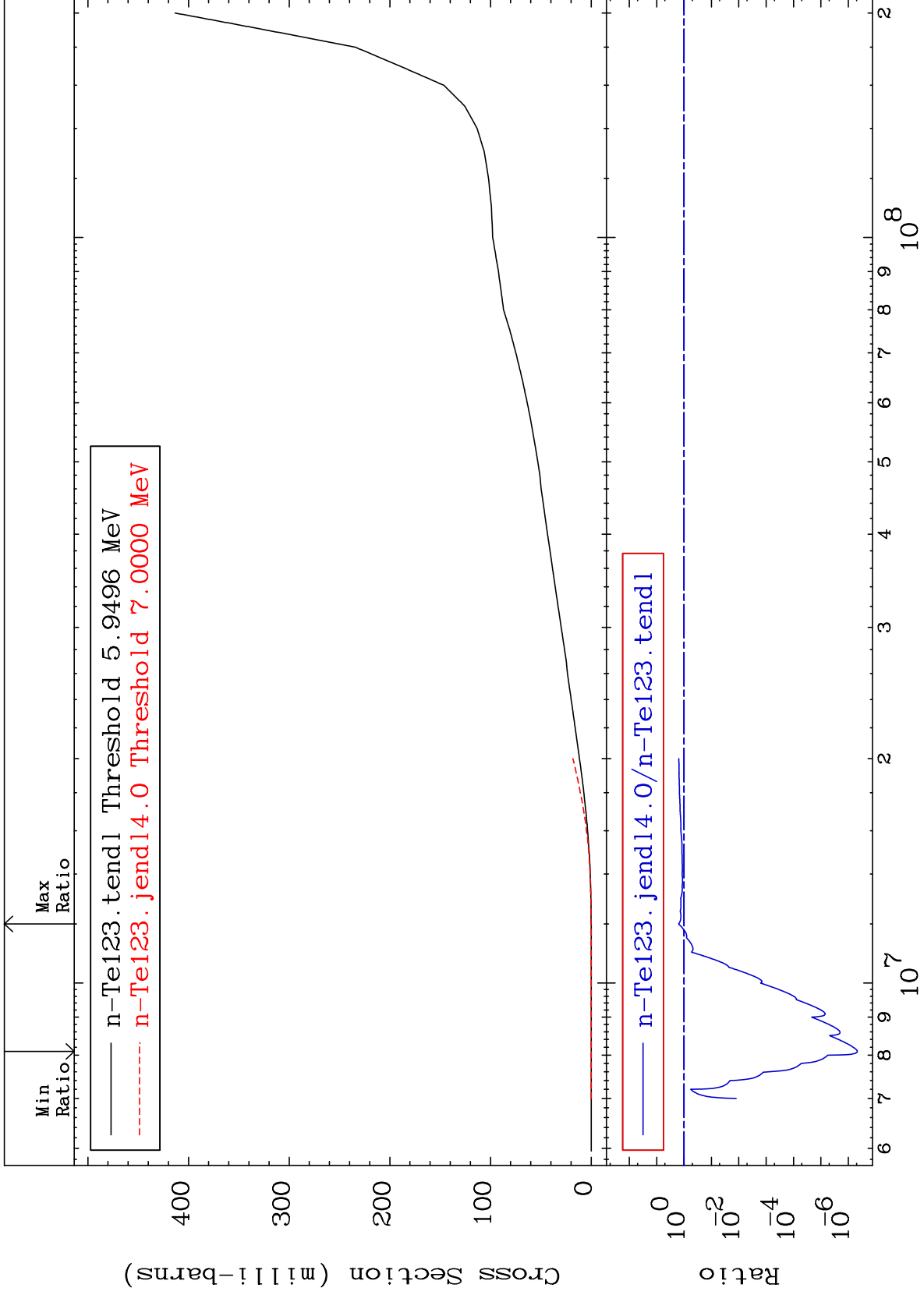




MAT 5234

Deuterium Production Cross Section

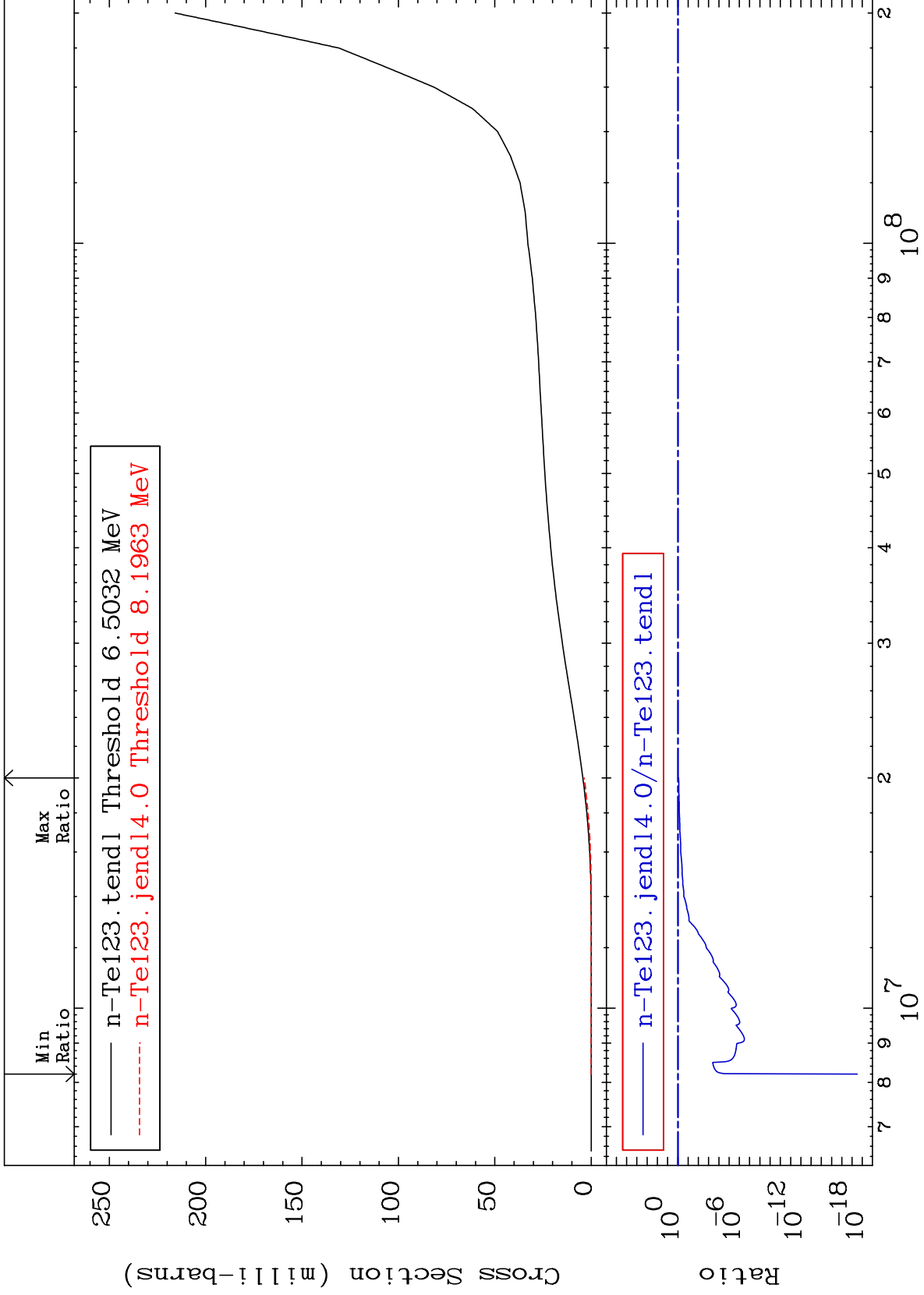
52-Te-123
-100.0 To 57.45 %

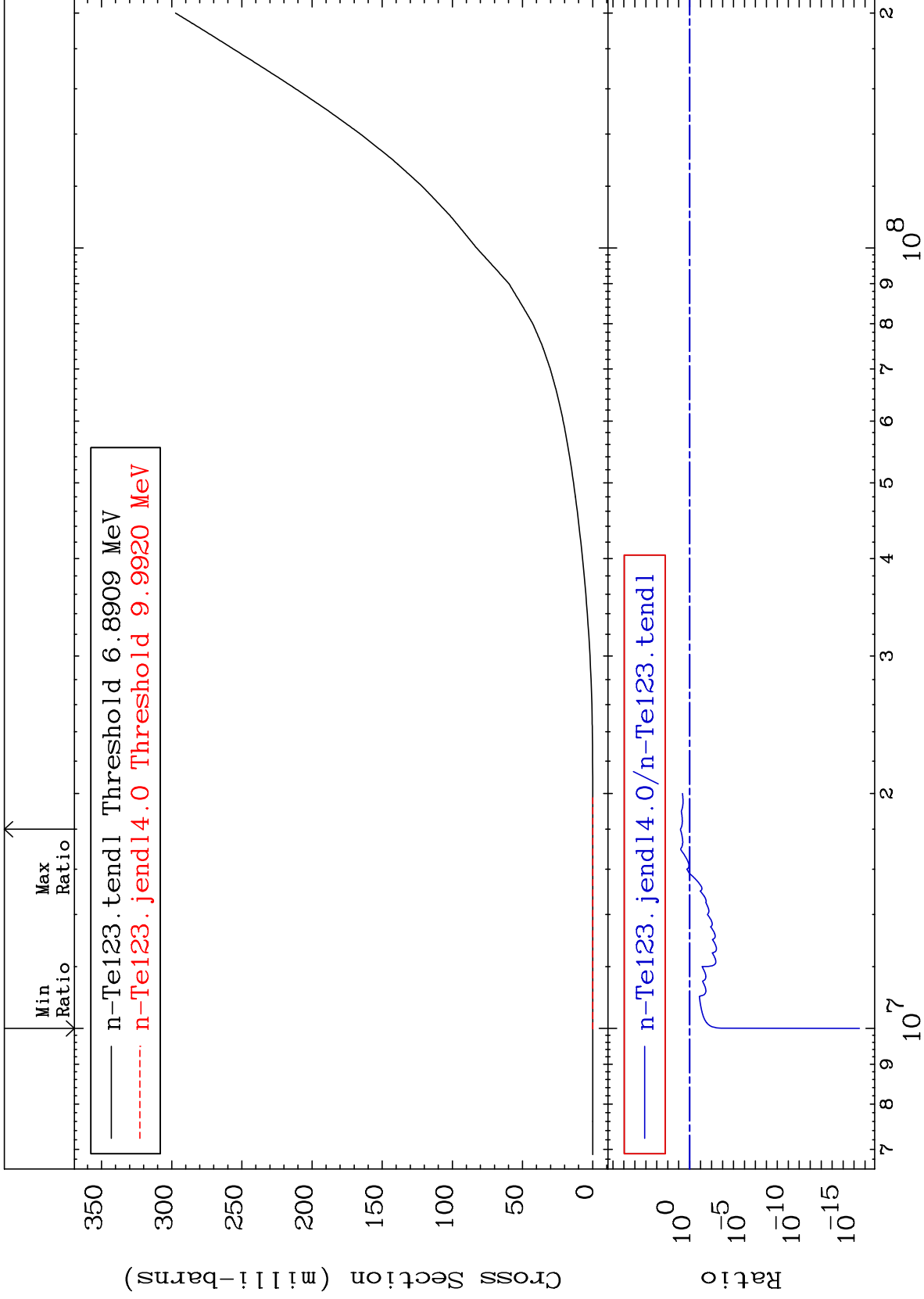


MAT 5234

Tritium Production
Cross Section

52-Te-123
-100.0 To -15.75%

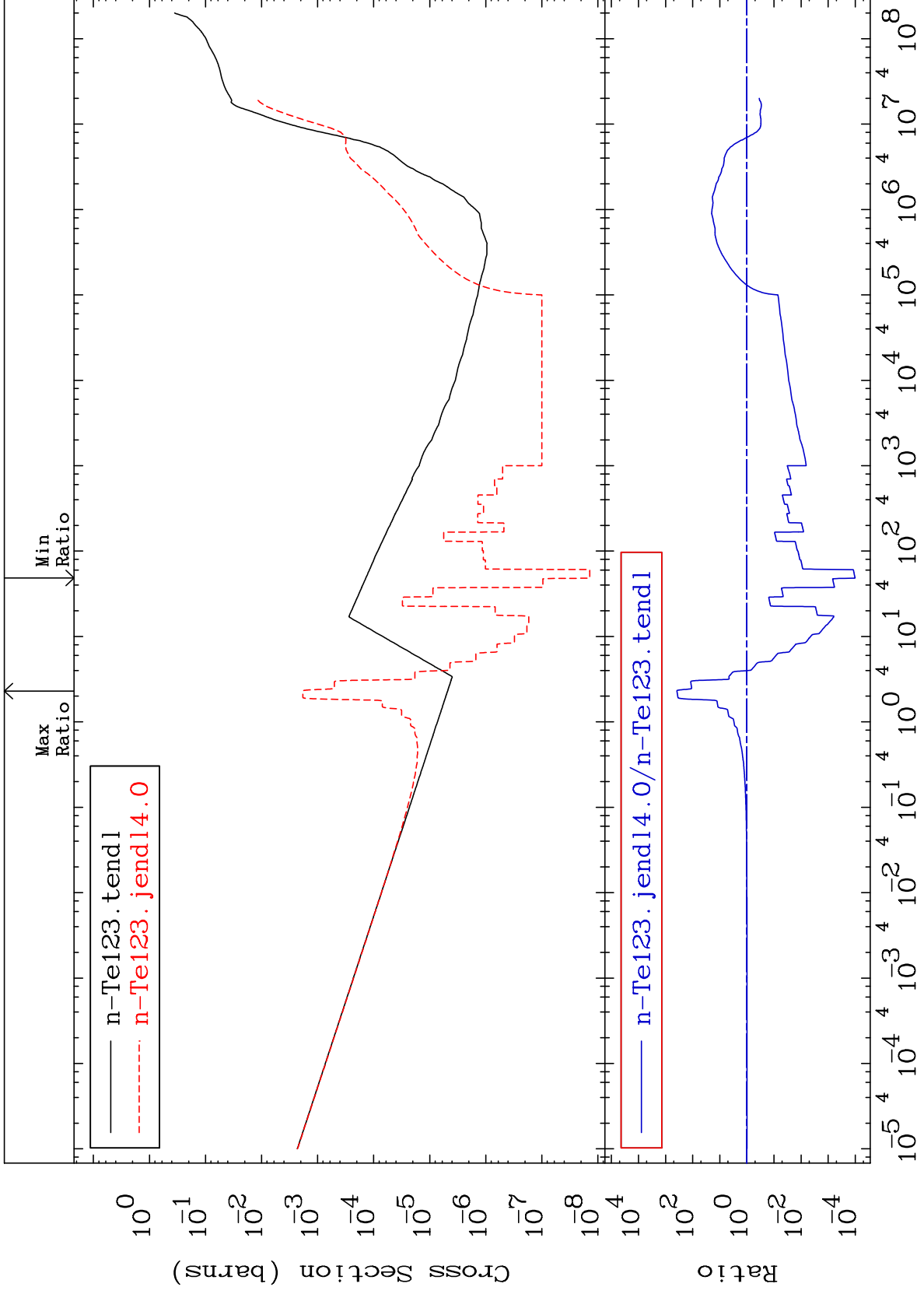


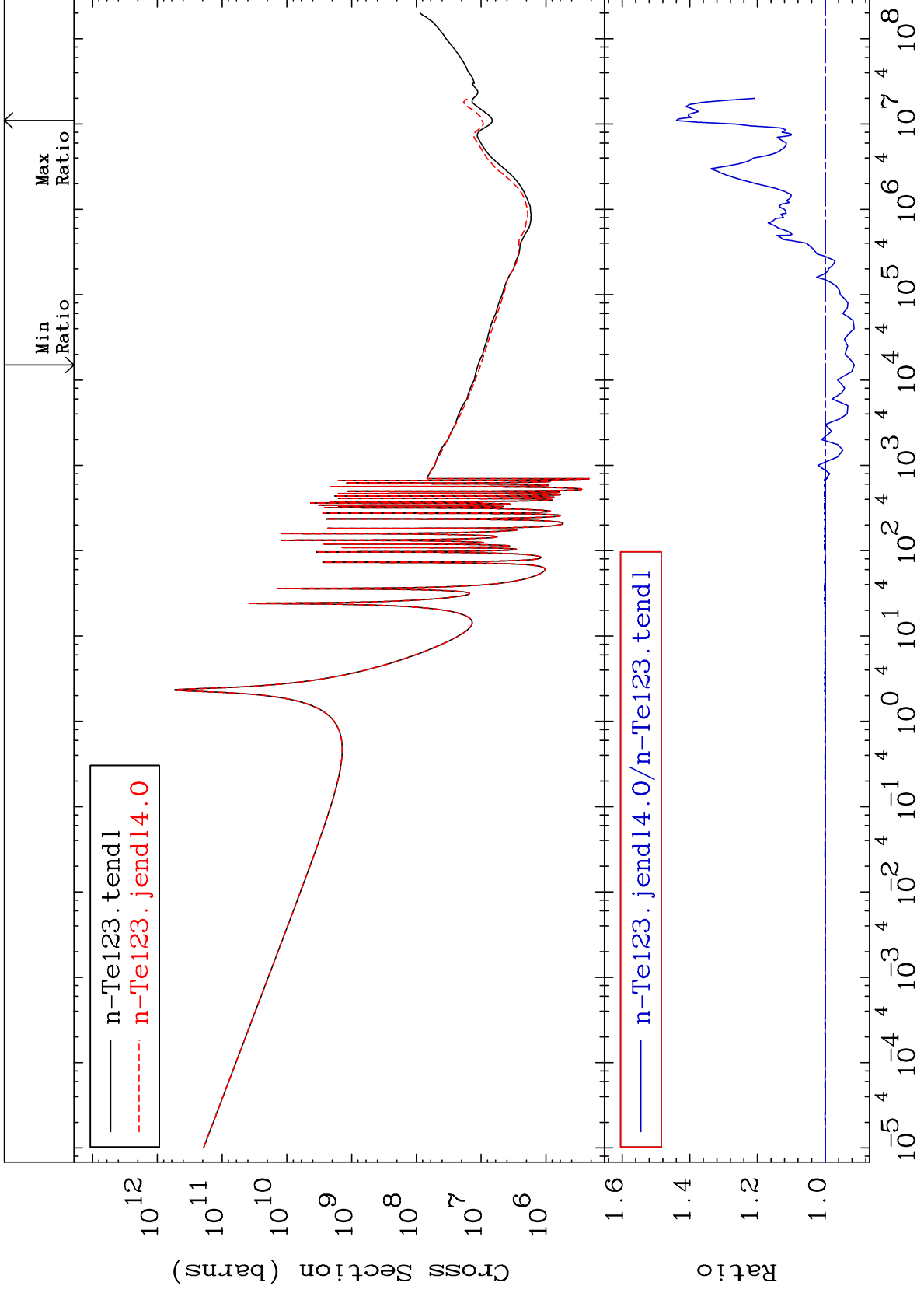


MAT 5234

He-4 Production
Cross Section

52-Te-123
-99.99 To 9999. %

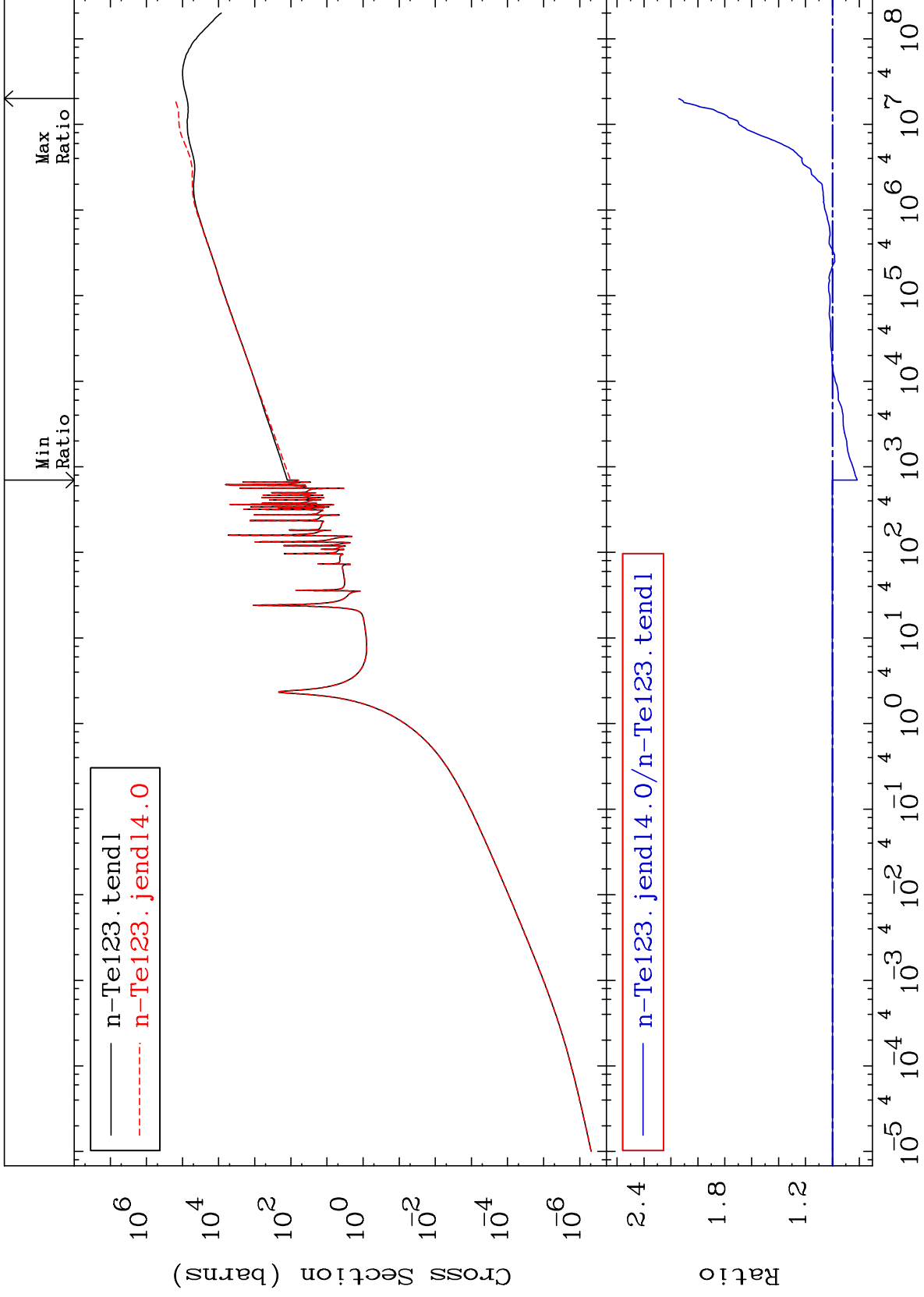


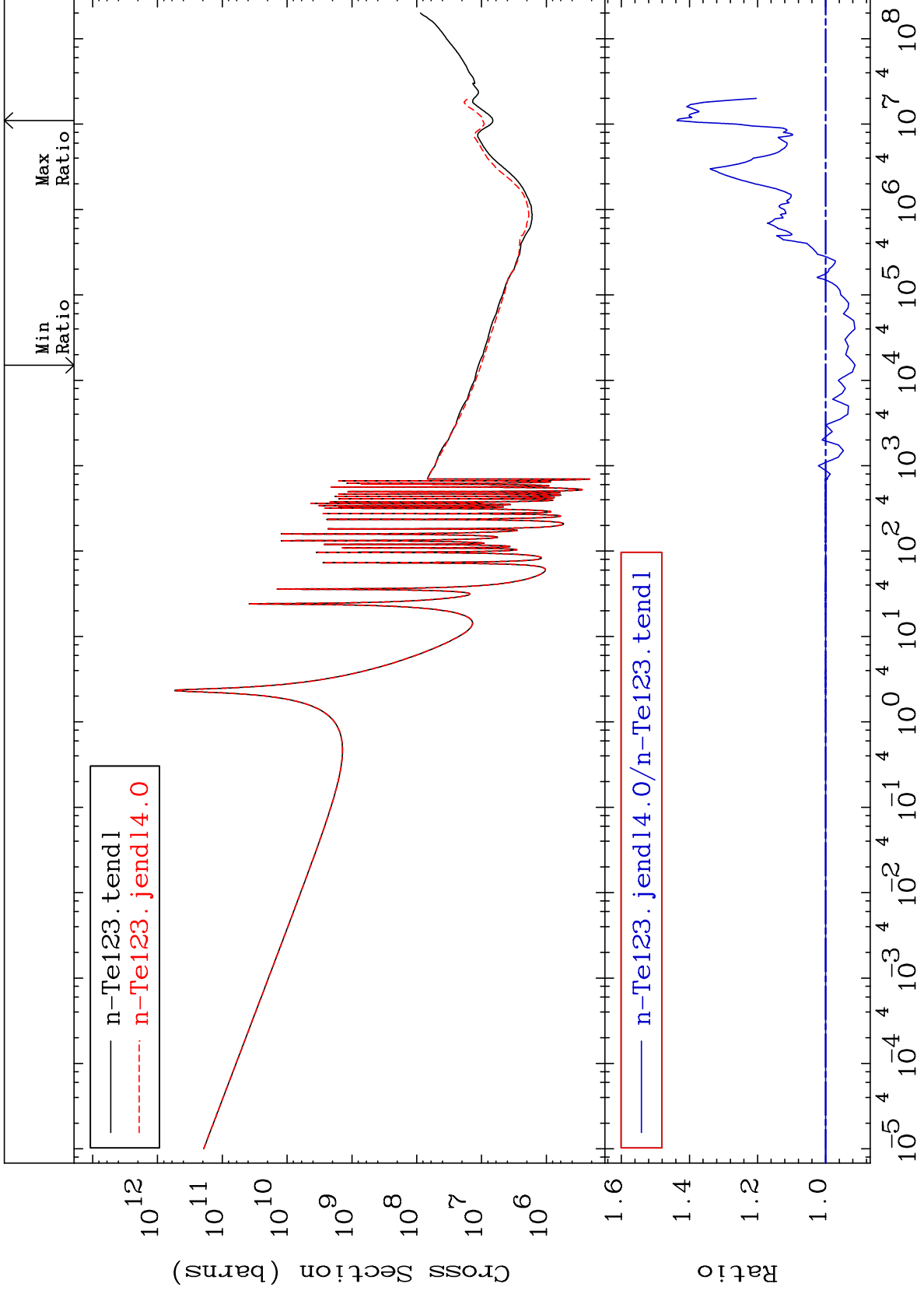


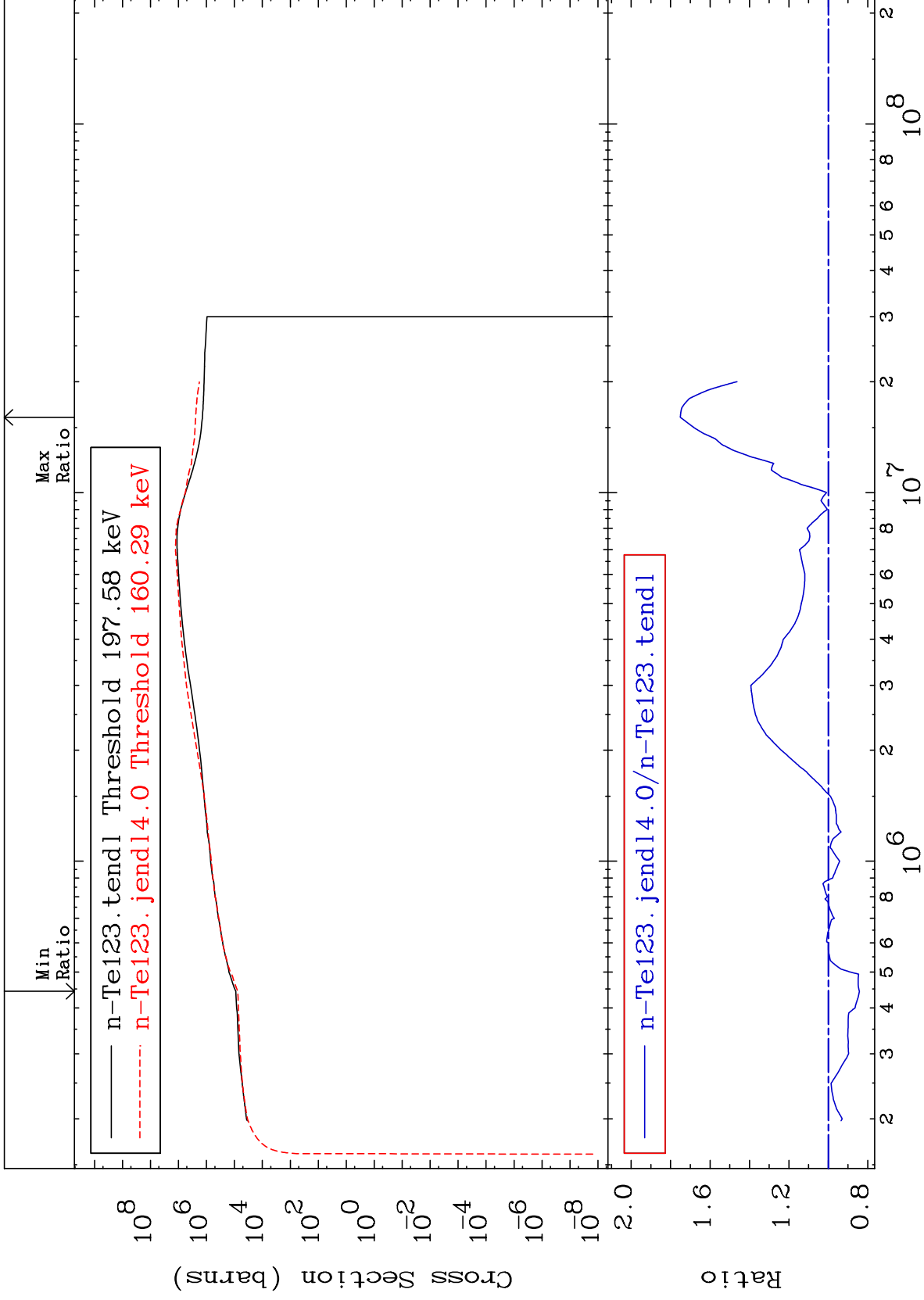
MAT 5234

Kerma elastic
Cross Section

52-Te-123
-18.46 To 114.3 %



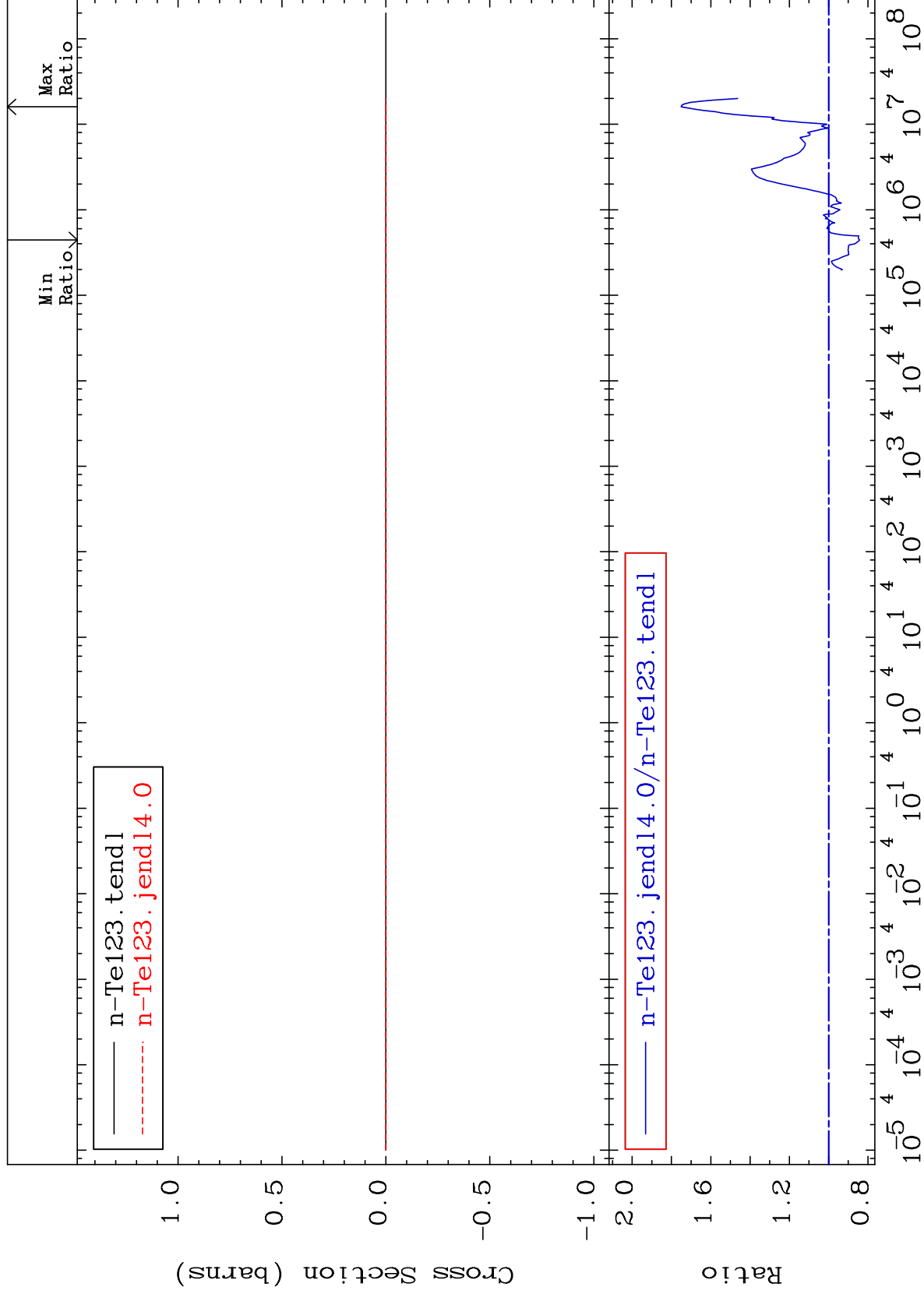




MAT 5234

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

52-Te-123
-15.81 To 75.05 %



Incident Energy (eV)

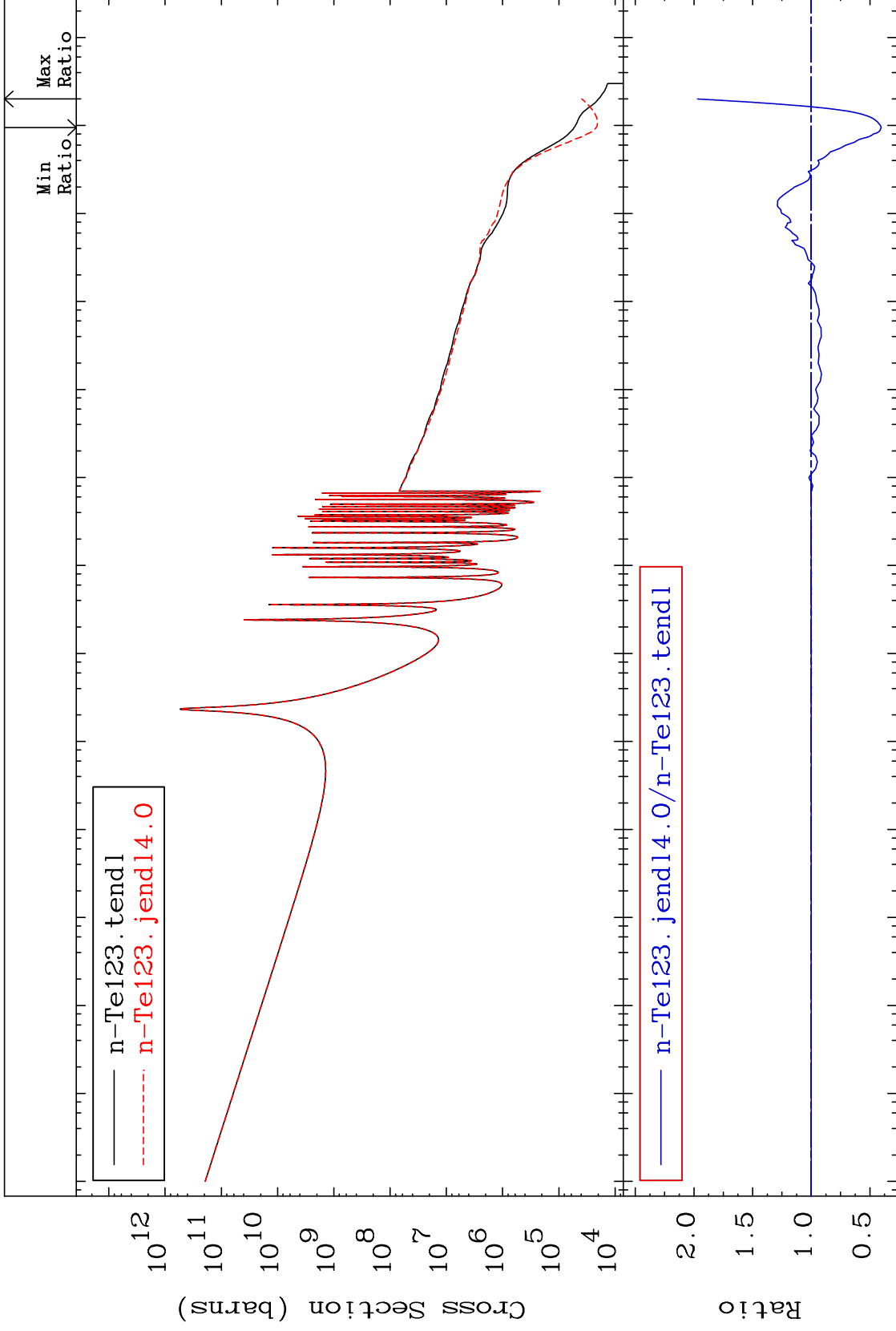
52-Te-123

40

MAT 5234

Kerma capture (mt102)
Cross Section

52-Te-123
-59.55 To 96.98 %



41

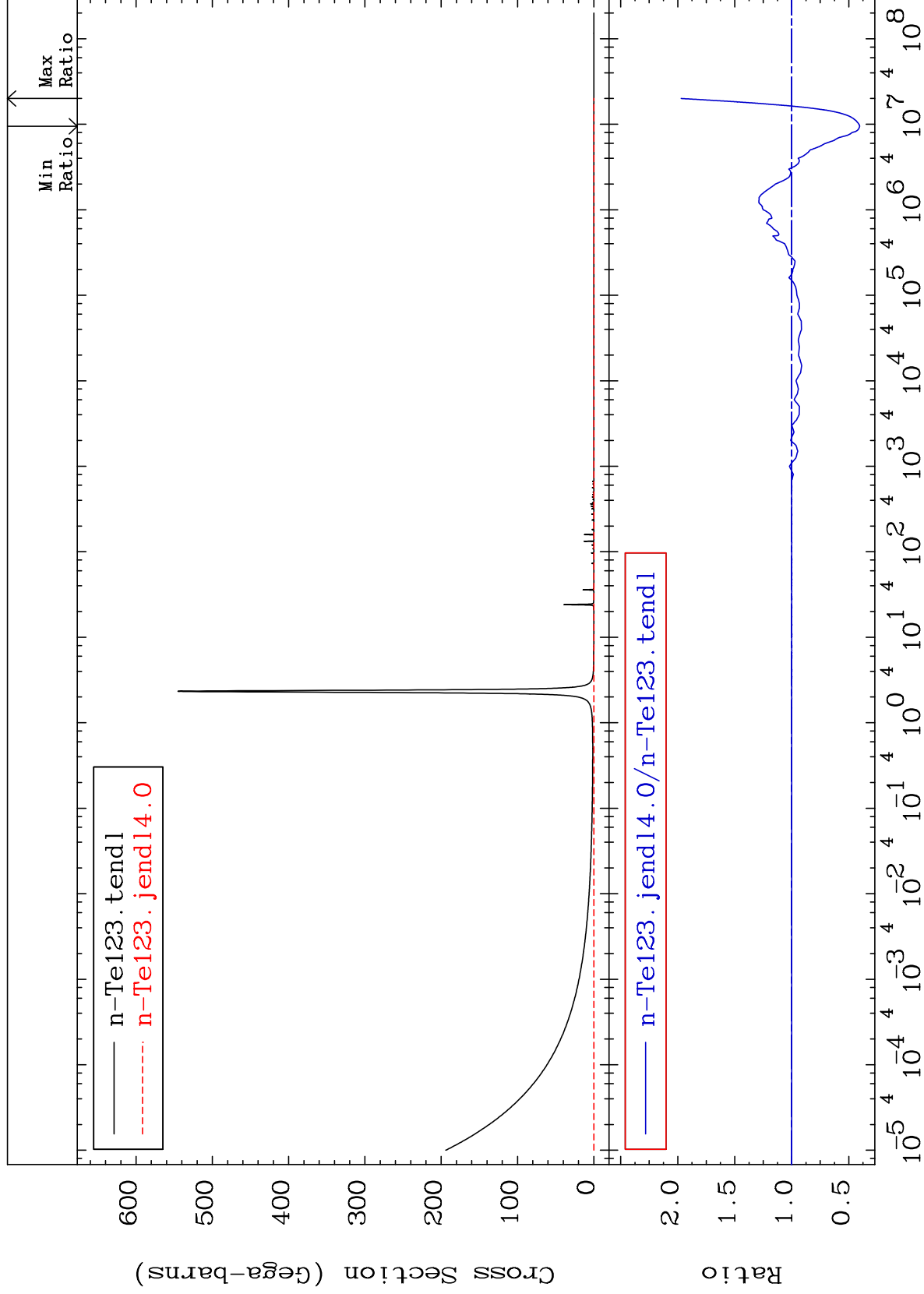
Incident Energy (eV)

52-Te-123

MAT 5234

Total photon (eV-barns)
Cross Section

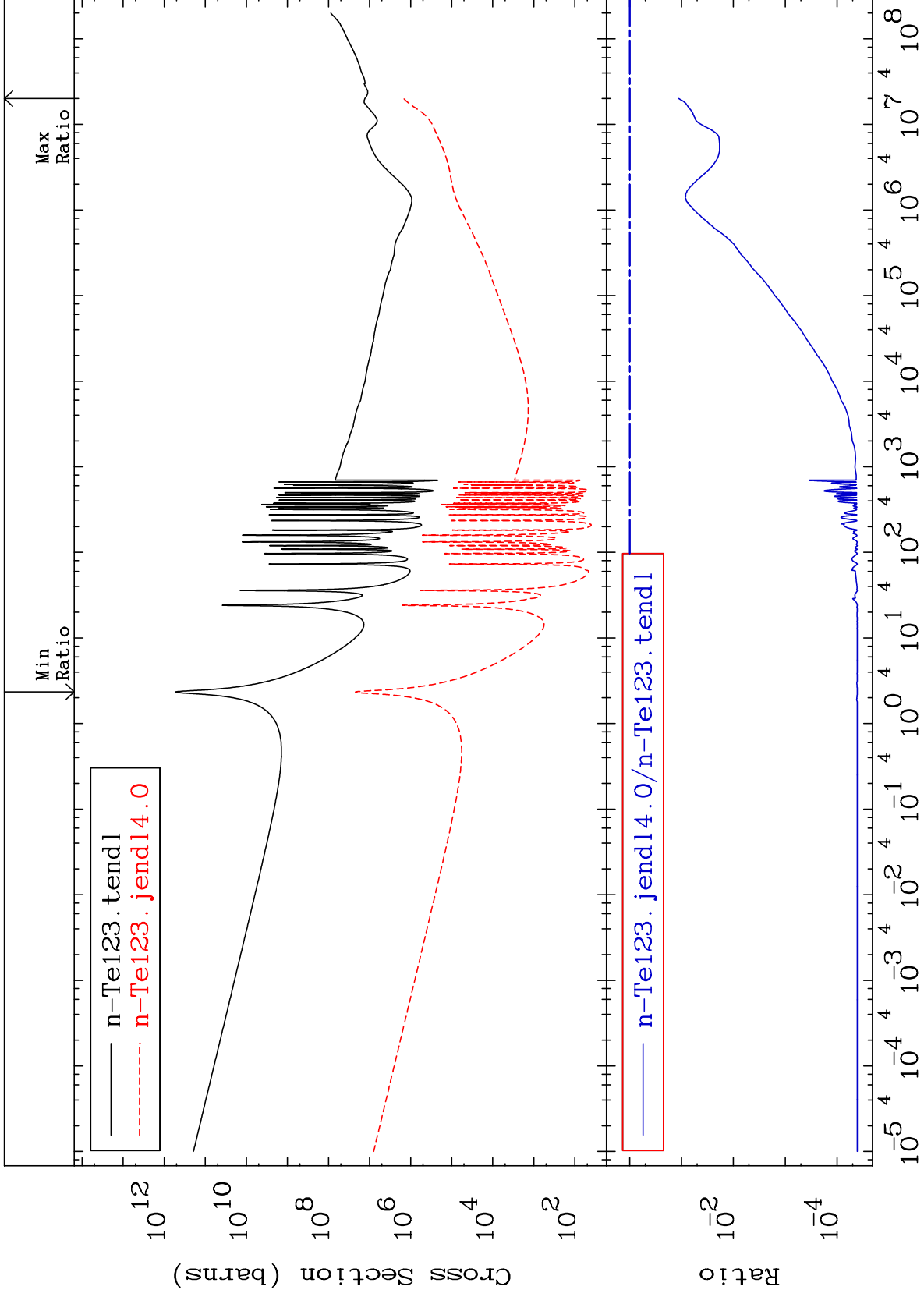
52-Te-123
-59.55 To 96.98 %

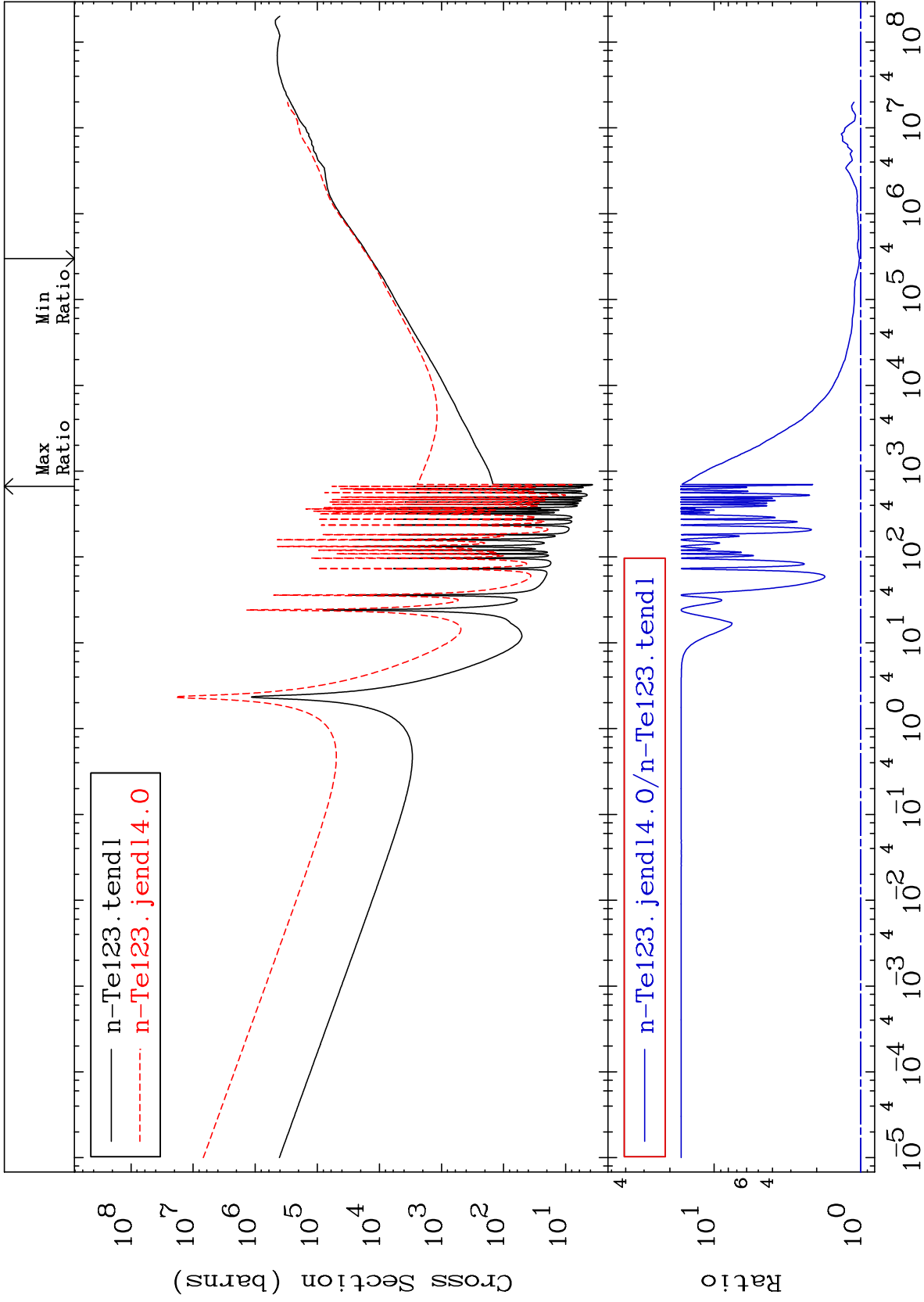


42

Incident Energy (eV)

52-Te-123

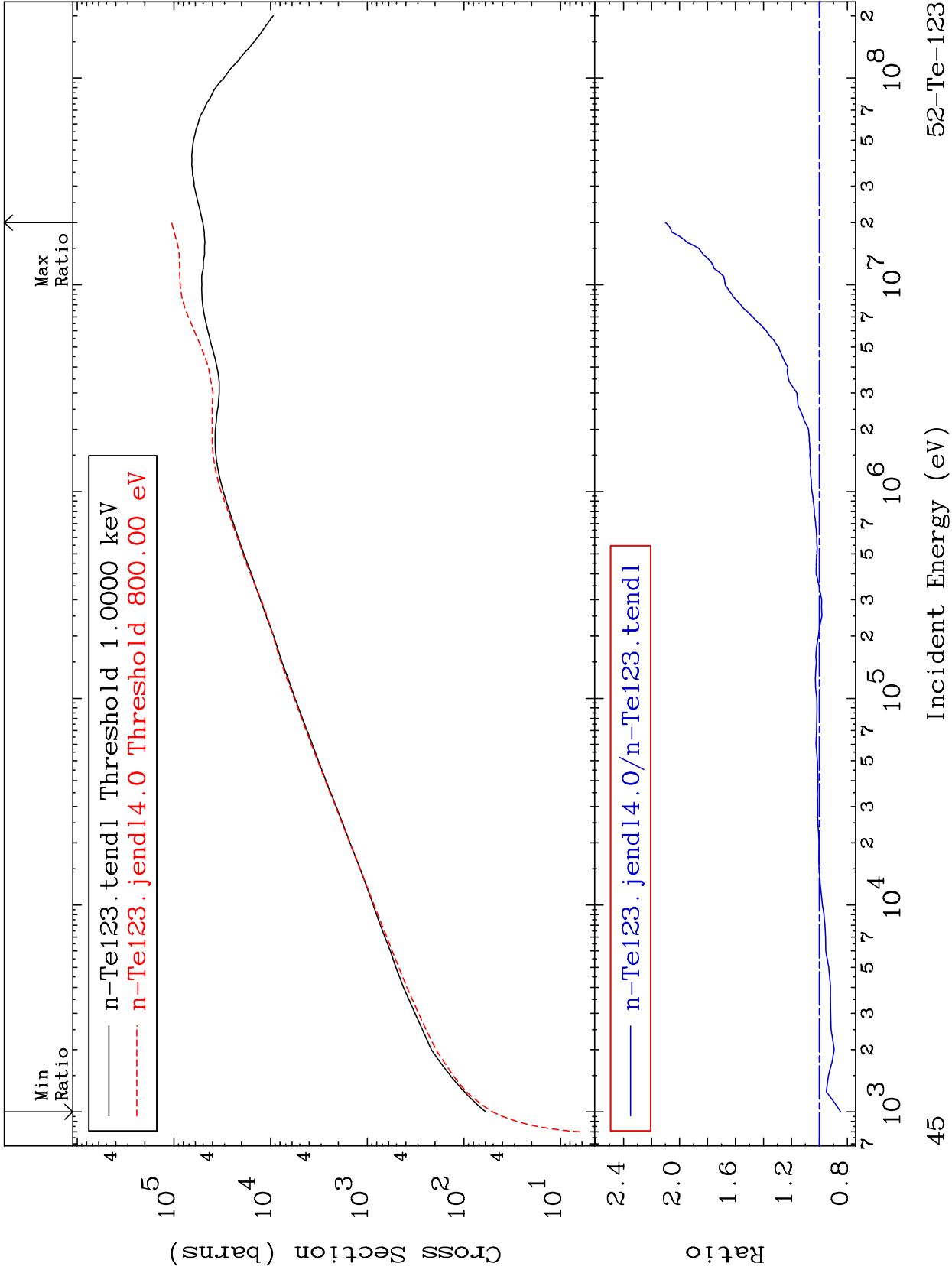




MAT 5234

Dpa elastic (mt2)
Cross Section

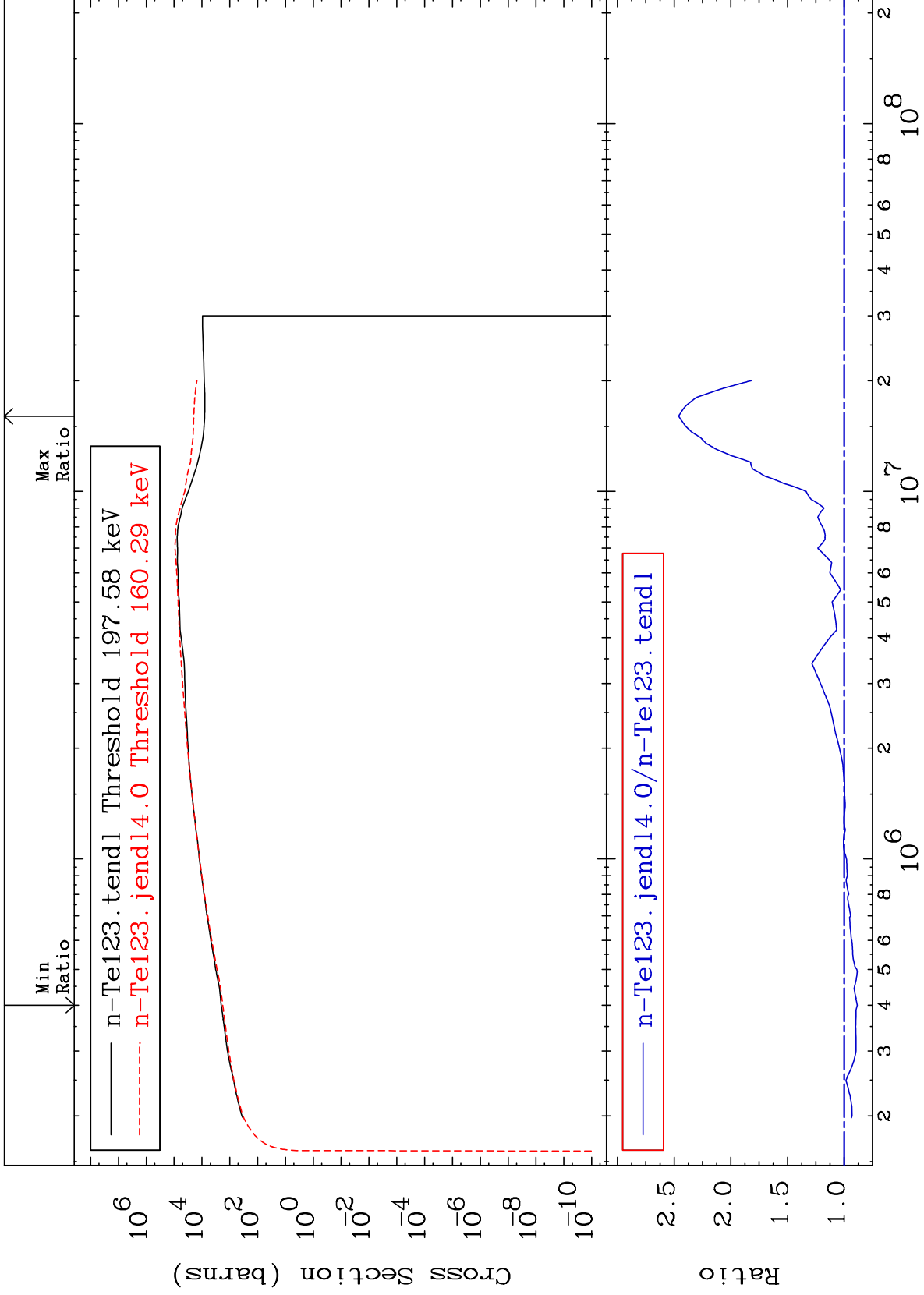
52-Te-123
-15.15 To 110.0 %



45

Incident Energy (eV)

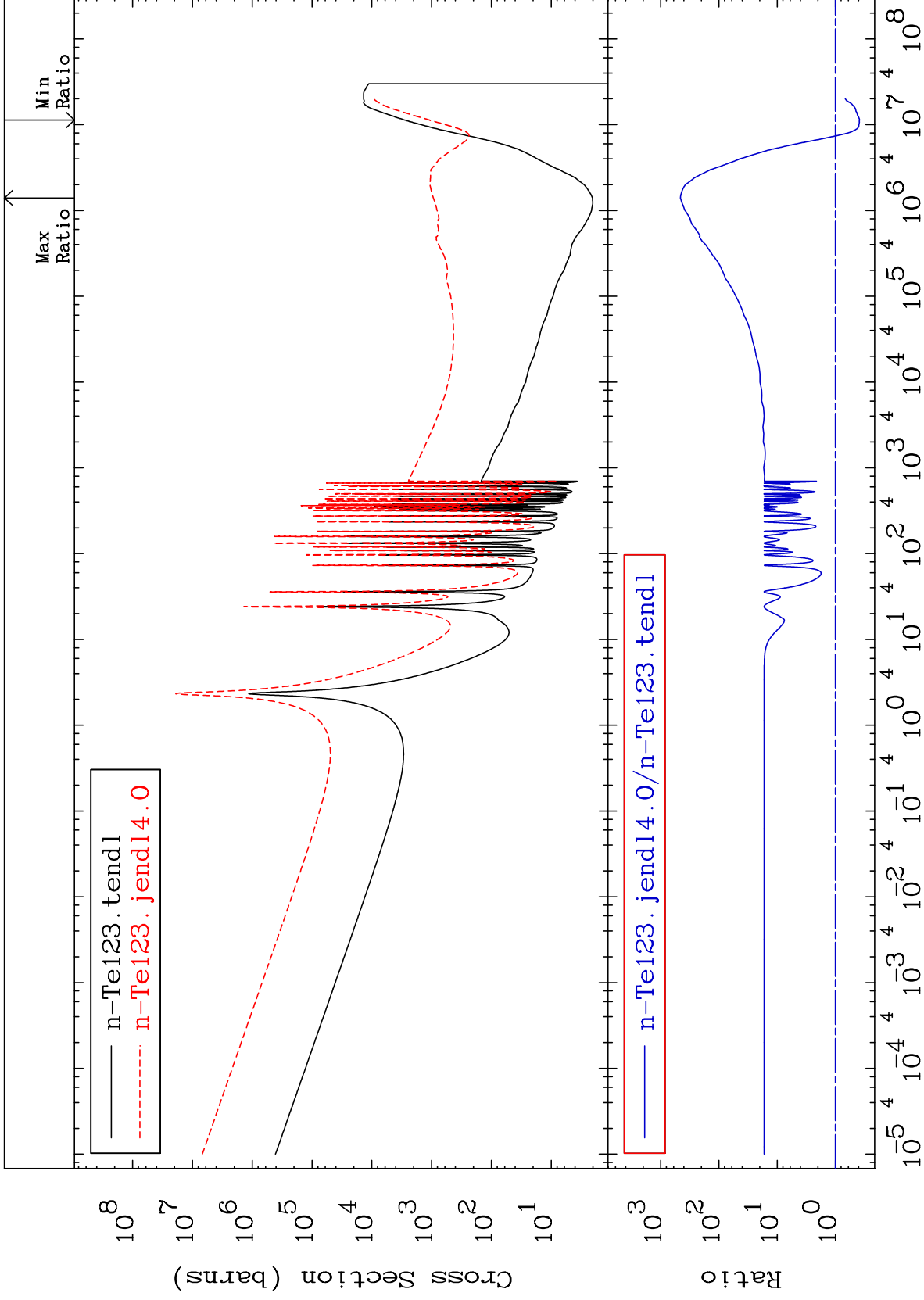
52-Te-123



MAT 5234

Dpa disappearance (mt102 -120)
Cross Section

52-Te-123
-61.37 To 9999. %



47

Incident Energy (eV)

52-Te-123