

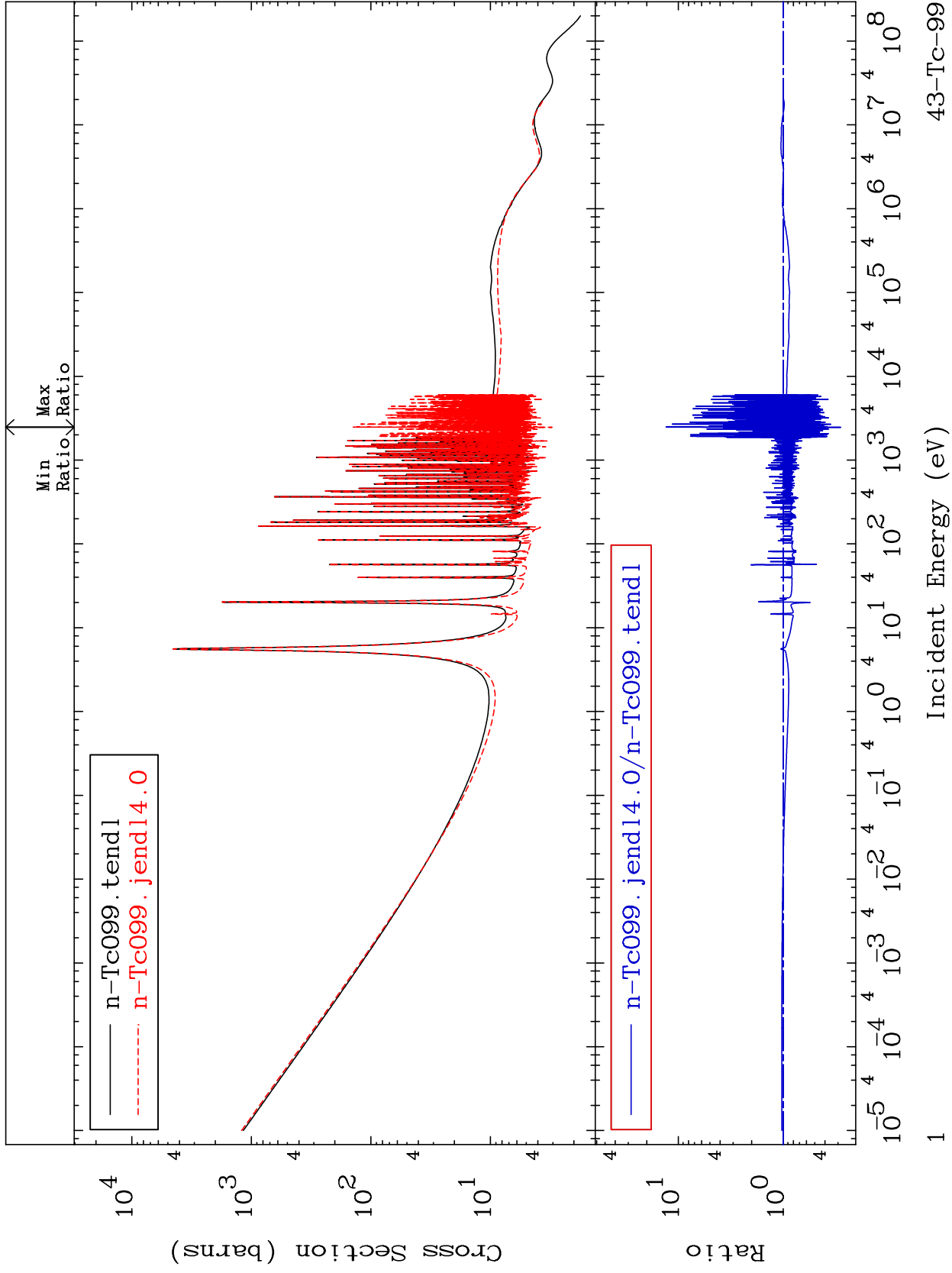
MAT 4325

Total

43-Tc-99

Cross Section

-71.79 To 1210. %



43-Tc-99

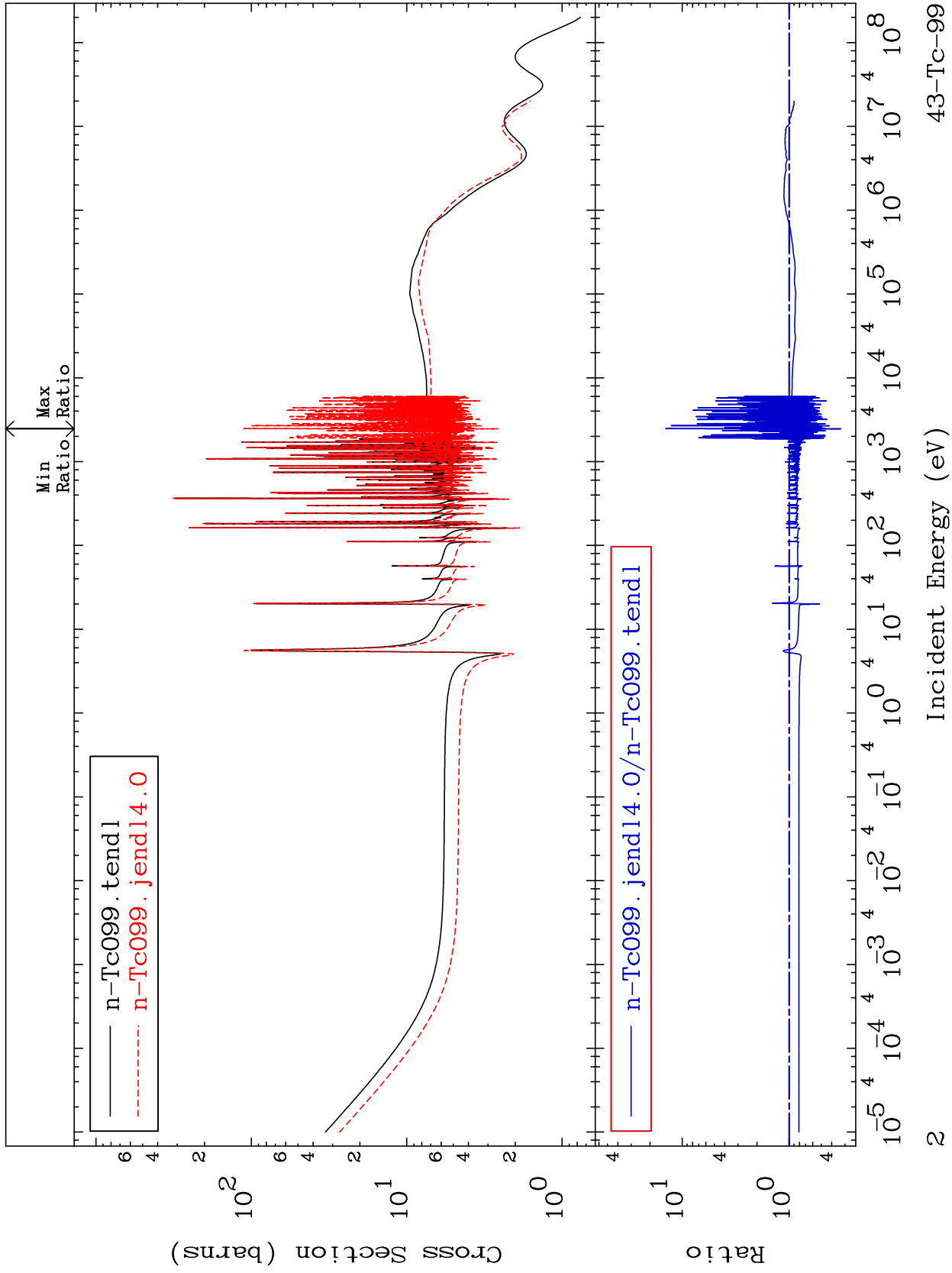
MAT 4325

Elastic

Cross Section

⁴³Tc-99

-67.20 To 1319. %



— n-Tc099.tendl
- - - n-Tc099.jendl4.0

— n-Tc099.jendl4.0/n-Tc099.tendl

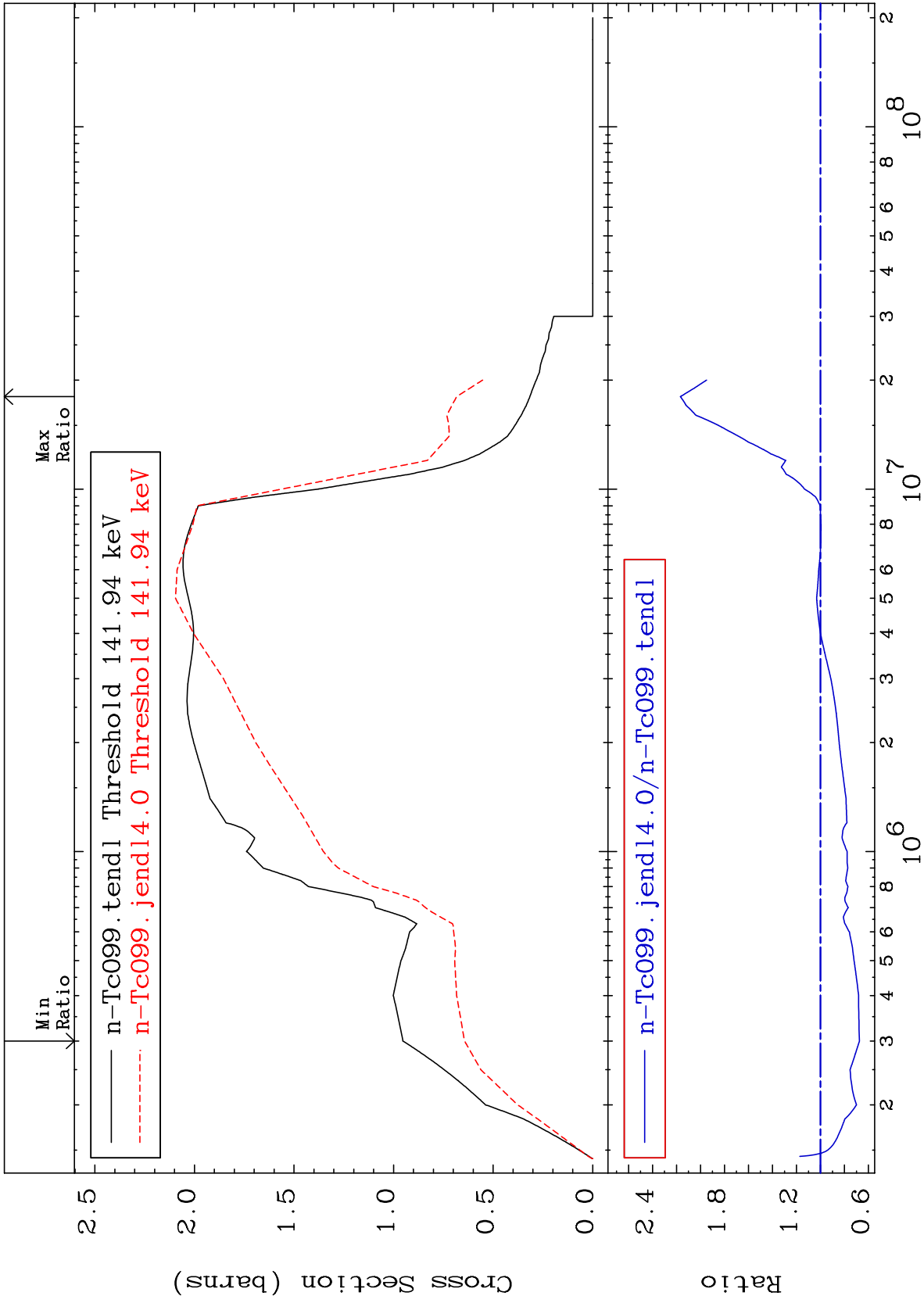
Incident Energy (eV)

⁴³Tc-99

MAT 4325

Inelastic
Cross Section

43-Tc-99
-32.47 To 116.8 %



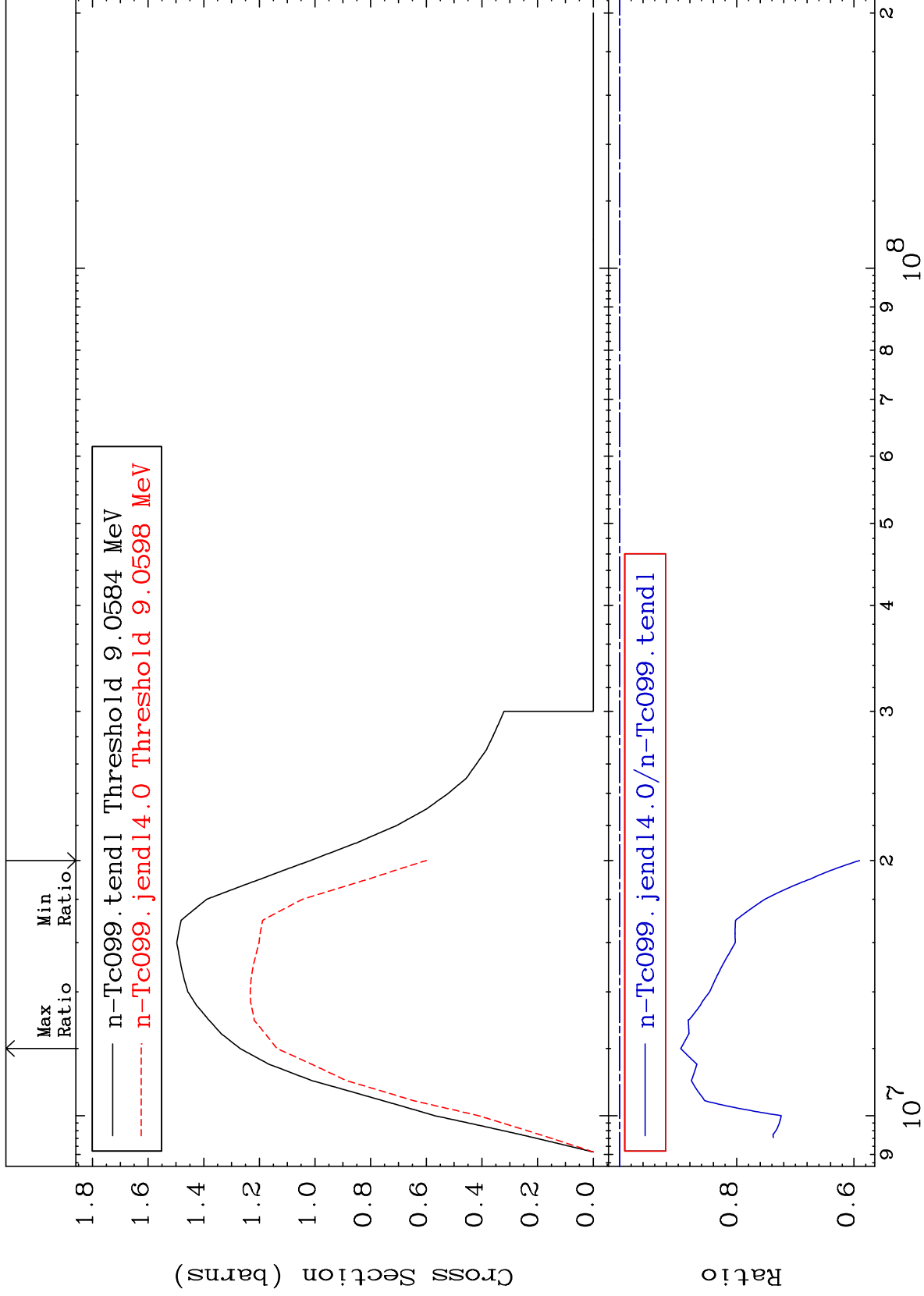
MAT 4325

(n,2n)

43-Tc-99

Cross Section

-40.94 To -10.45%



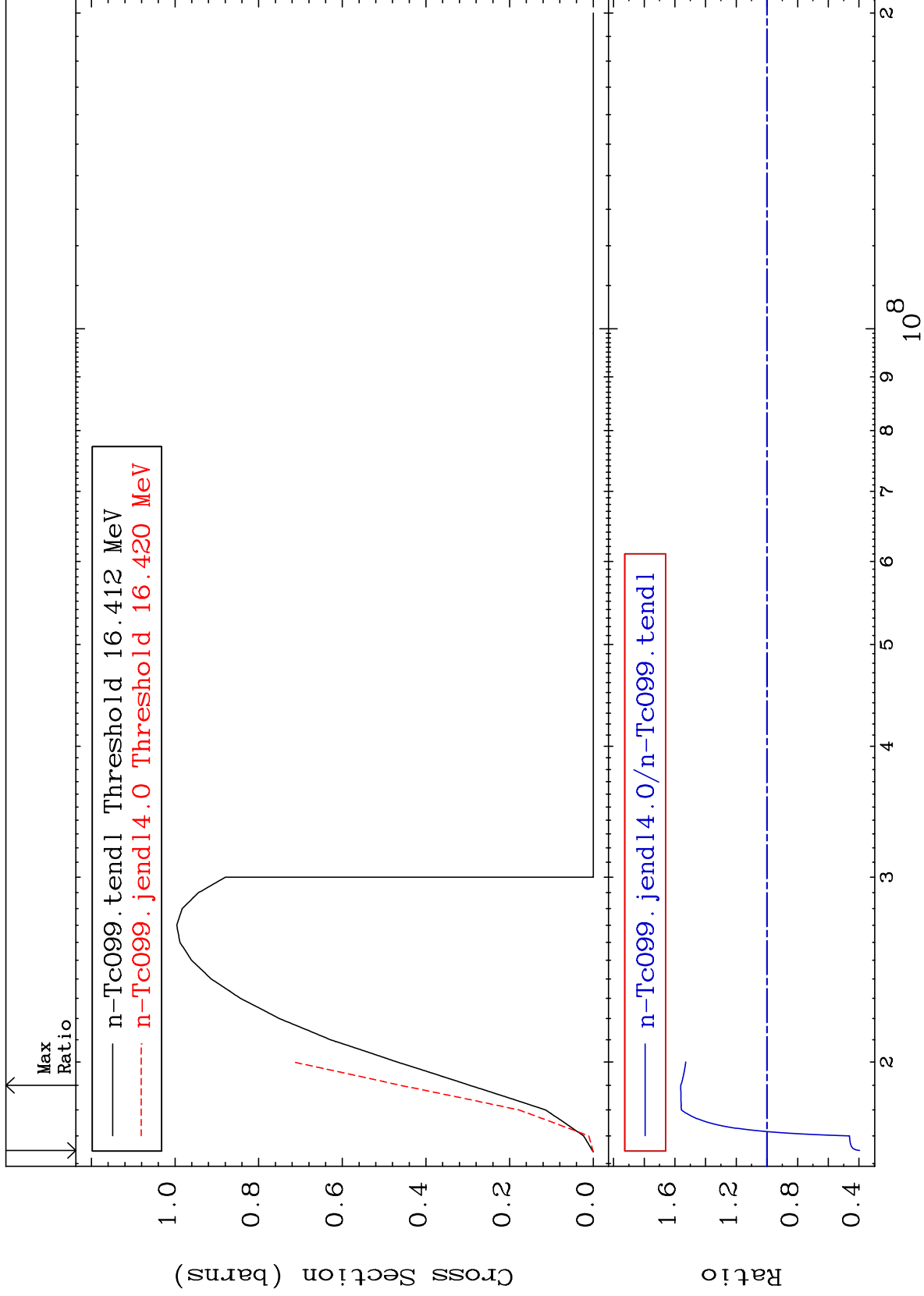
Incident Energy (eV)

43-Tc-99

MAT 4325

(n,3n)
Cross Section

43-Tc-99
-60.38 To 56.18 %



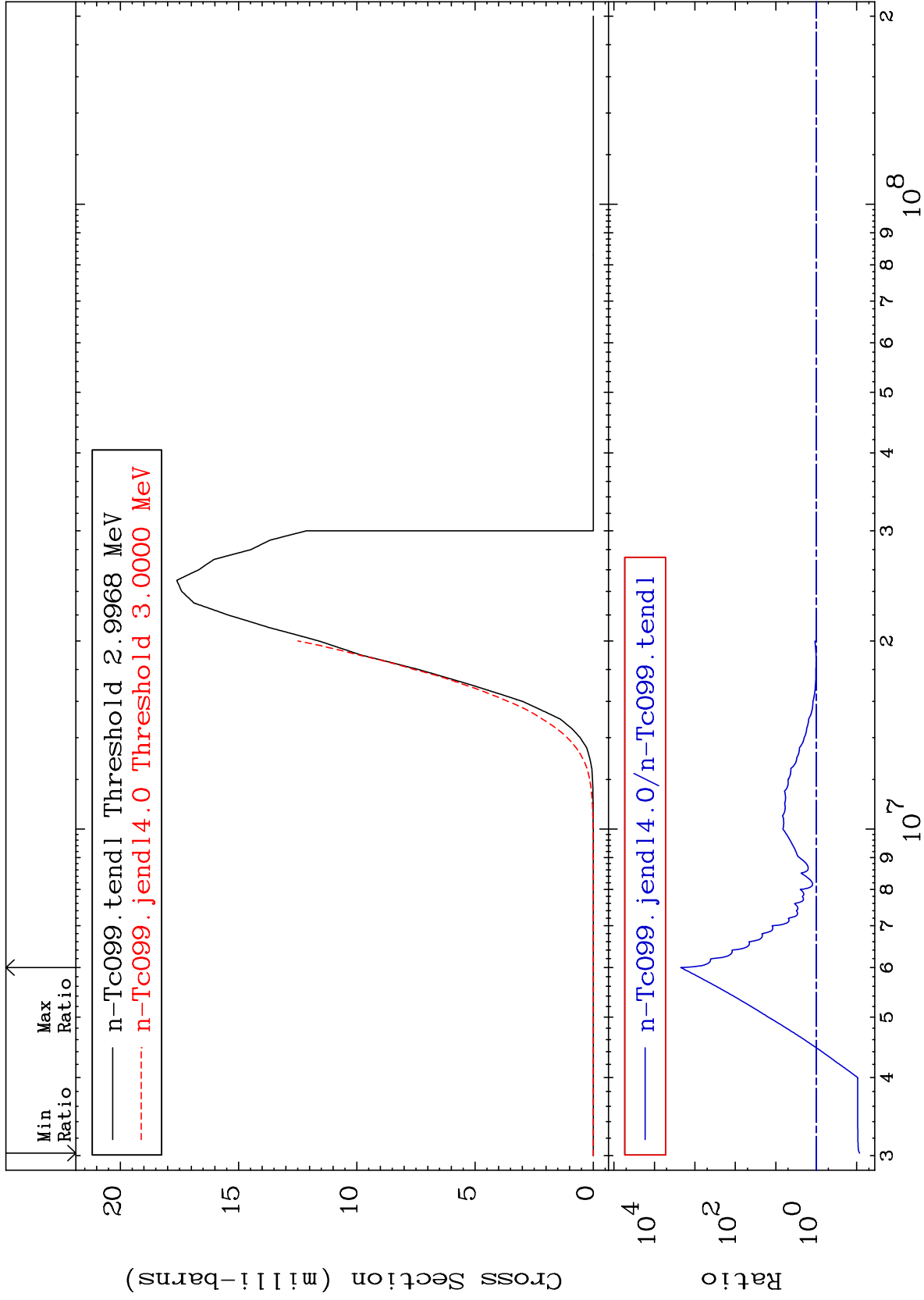
MAT 4325

(n, n') α

43-Tc-99

Cross Section

-91.50 To 9999. %



6

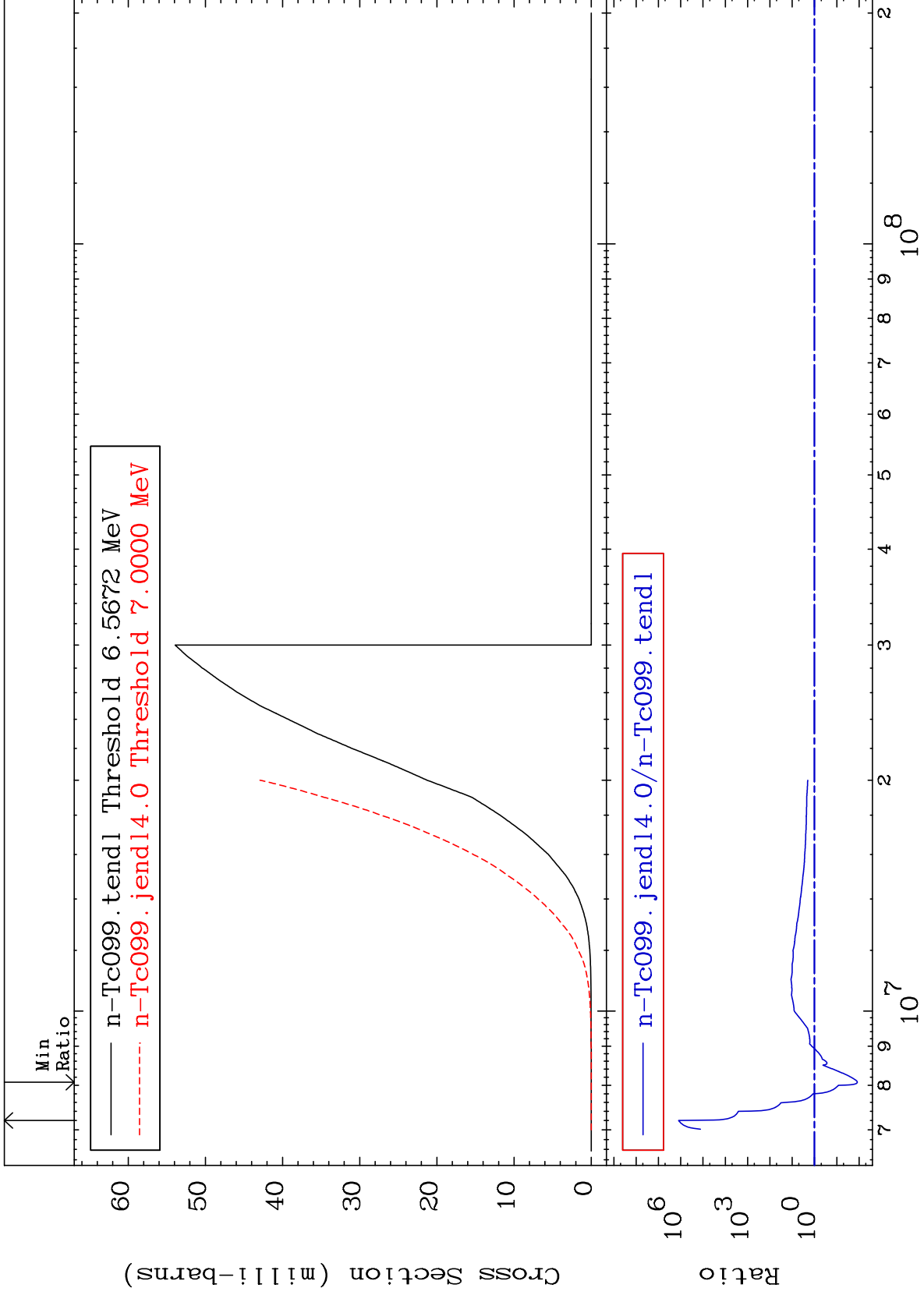
Incident Energy (eV)

43-Tc-99

MAT 4325

(n,n') p
Cross Section

43-Tc-99
-98.79 To 9999. %



7

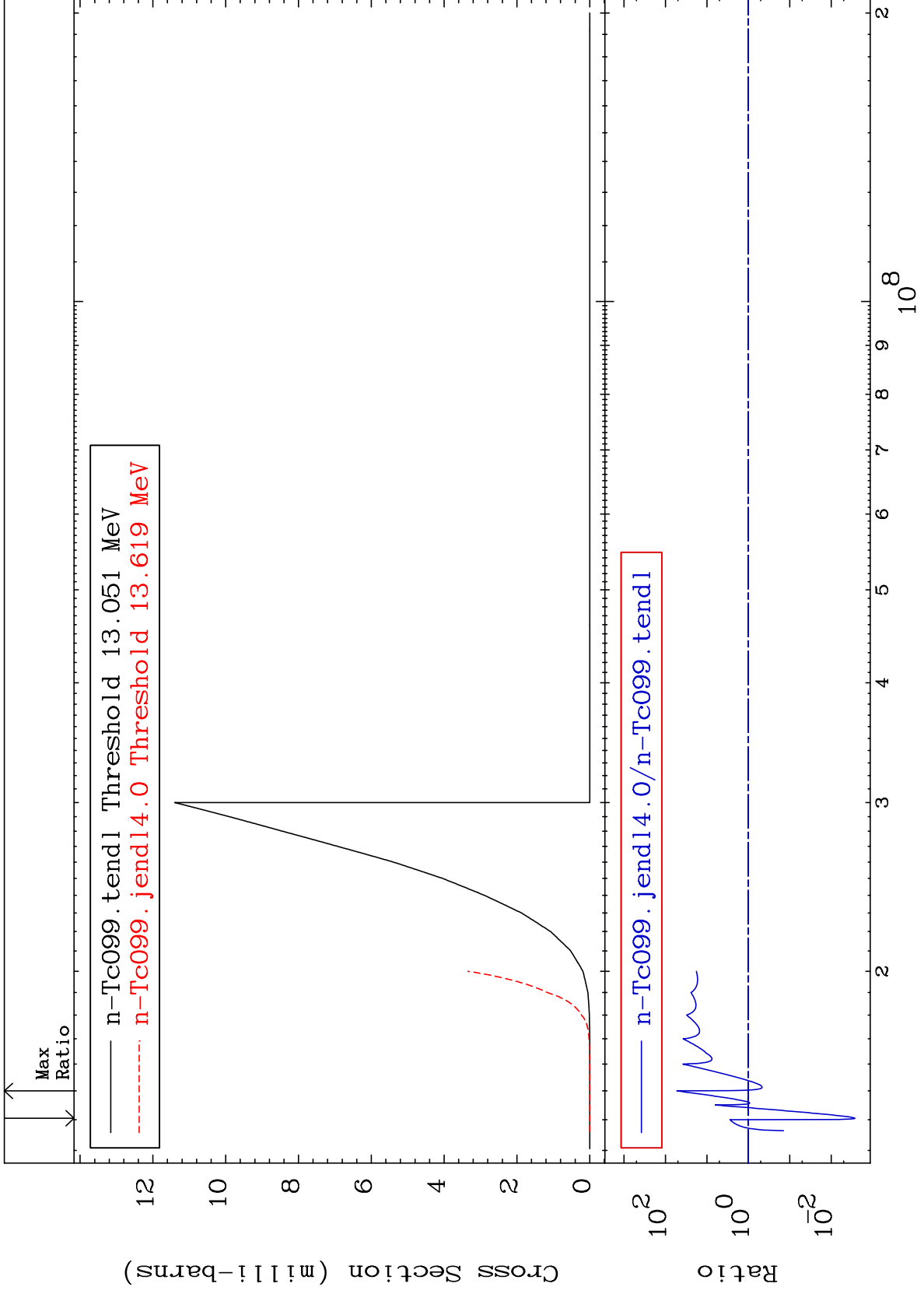
Incident Energy (eV)

43-Tc-99

MAT 4325

(n,n') d
Cross Section

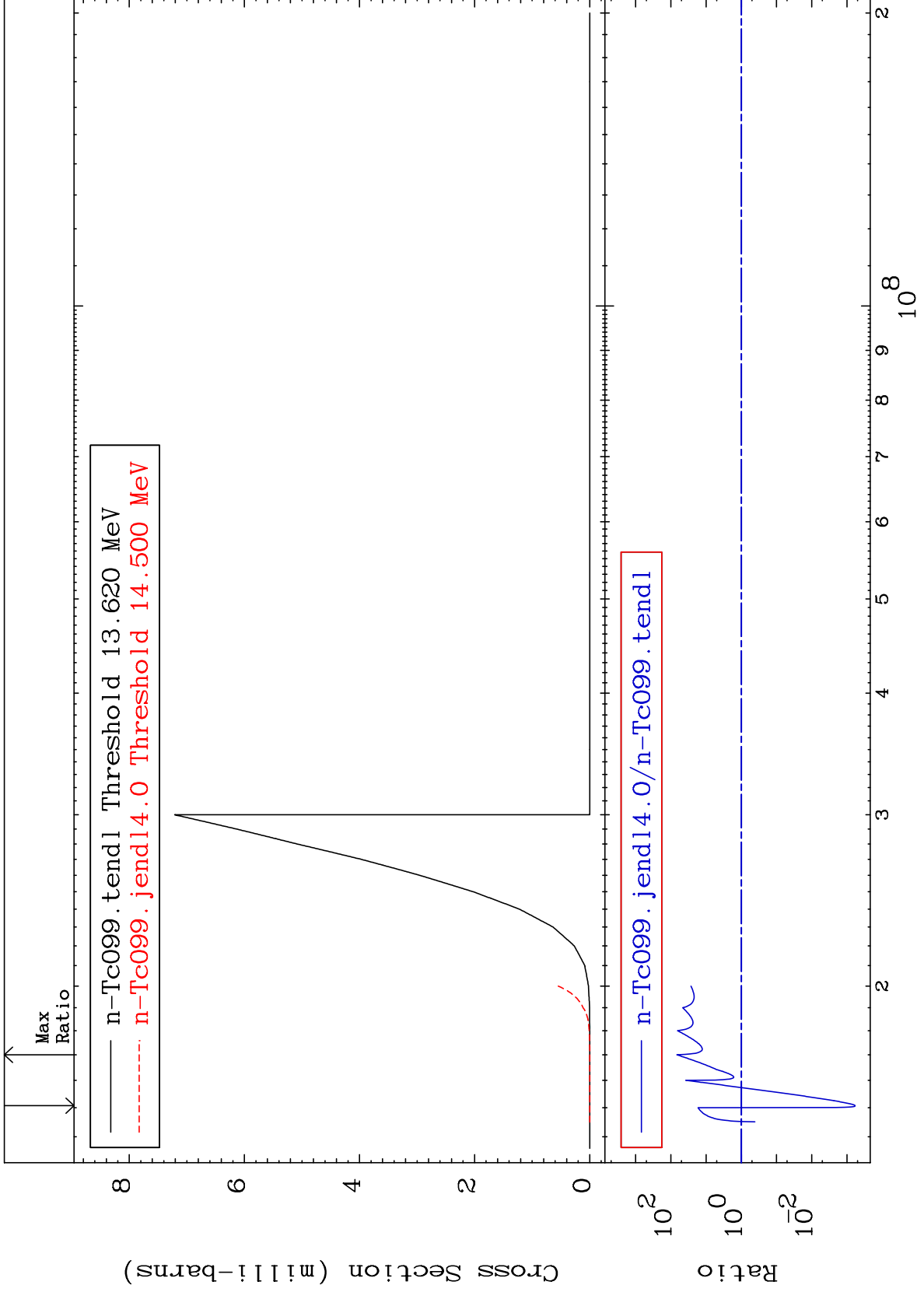
43-Tc-99
-99.74 To 5181. %



MAT 4325

(n, n') t
Cross Section

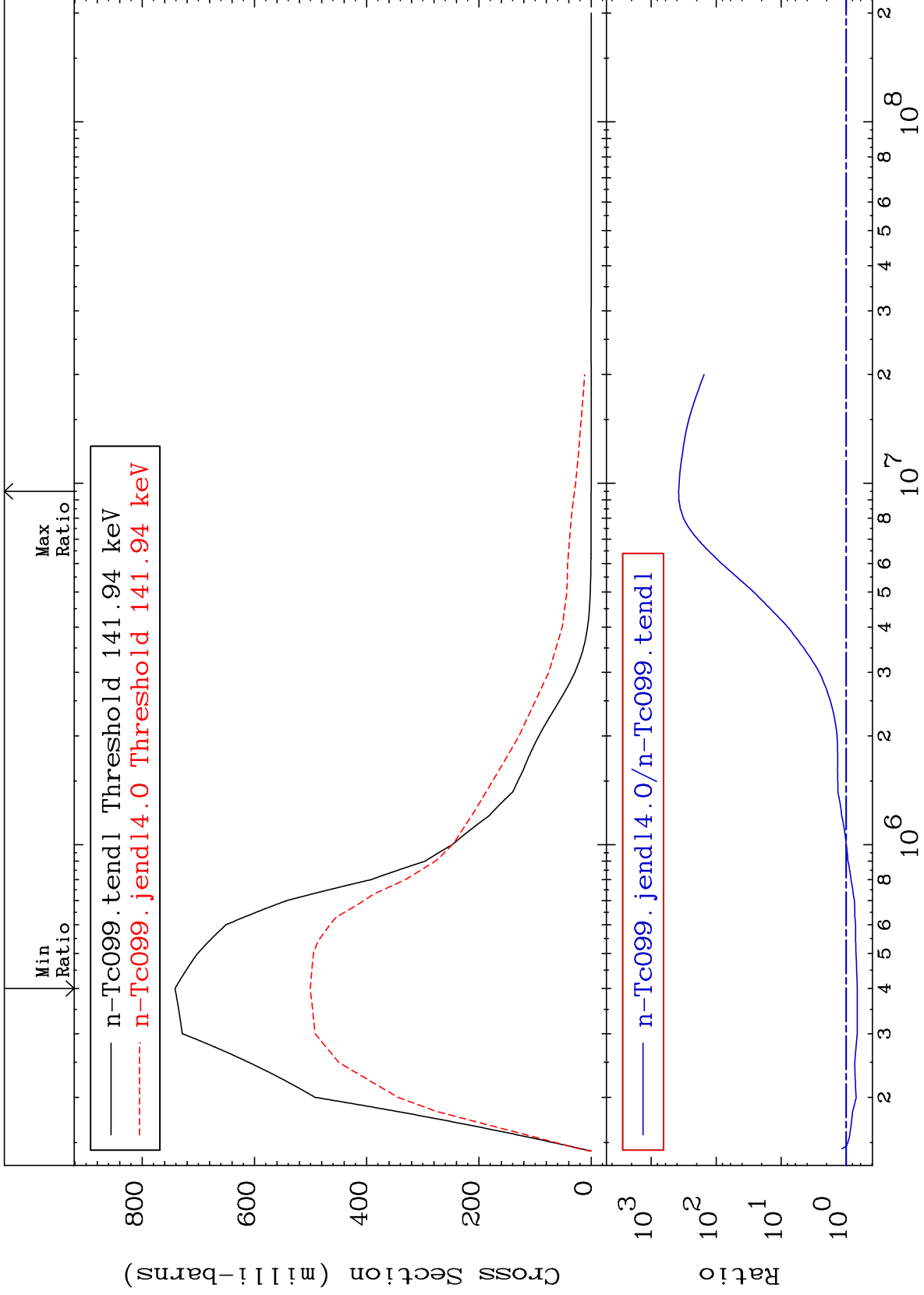
43-Tc-99
-99.94 To 6642. %



MAT 4325

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

43-Tc-99
-32.51 To 9999. %



10

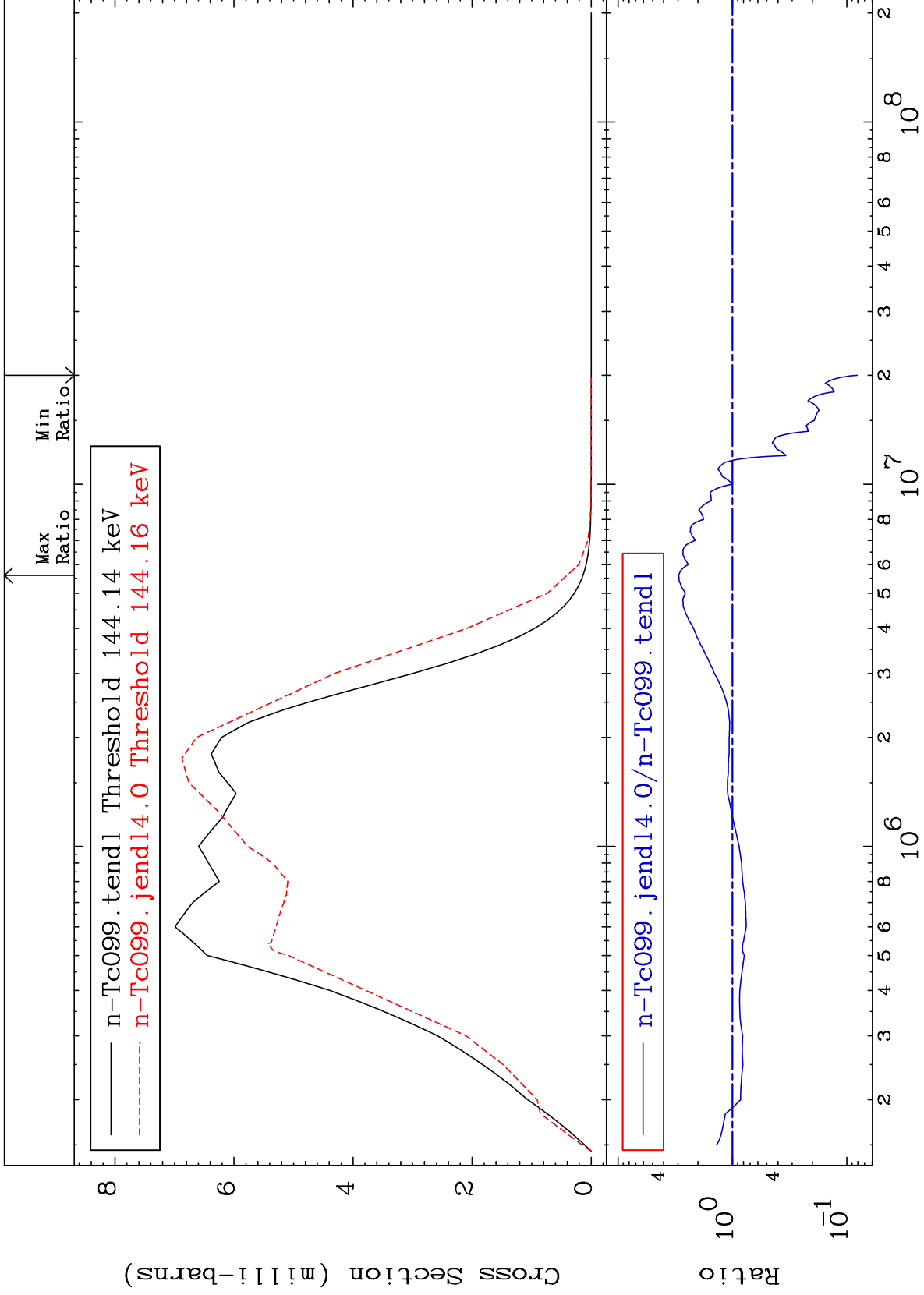
Incident Energy (eV)

43-Tc-99

MAT 4325

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

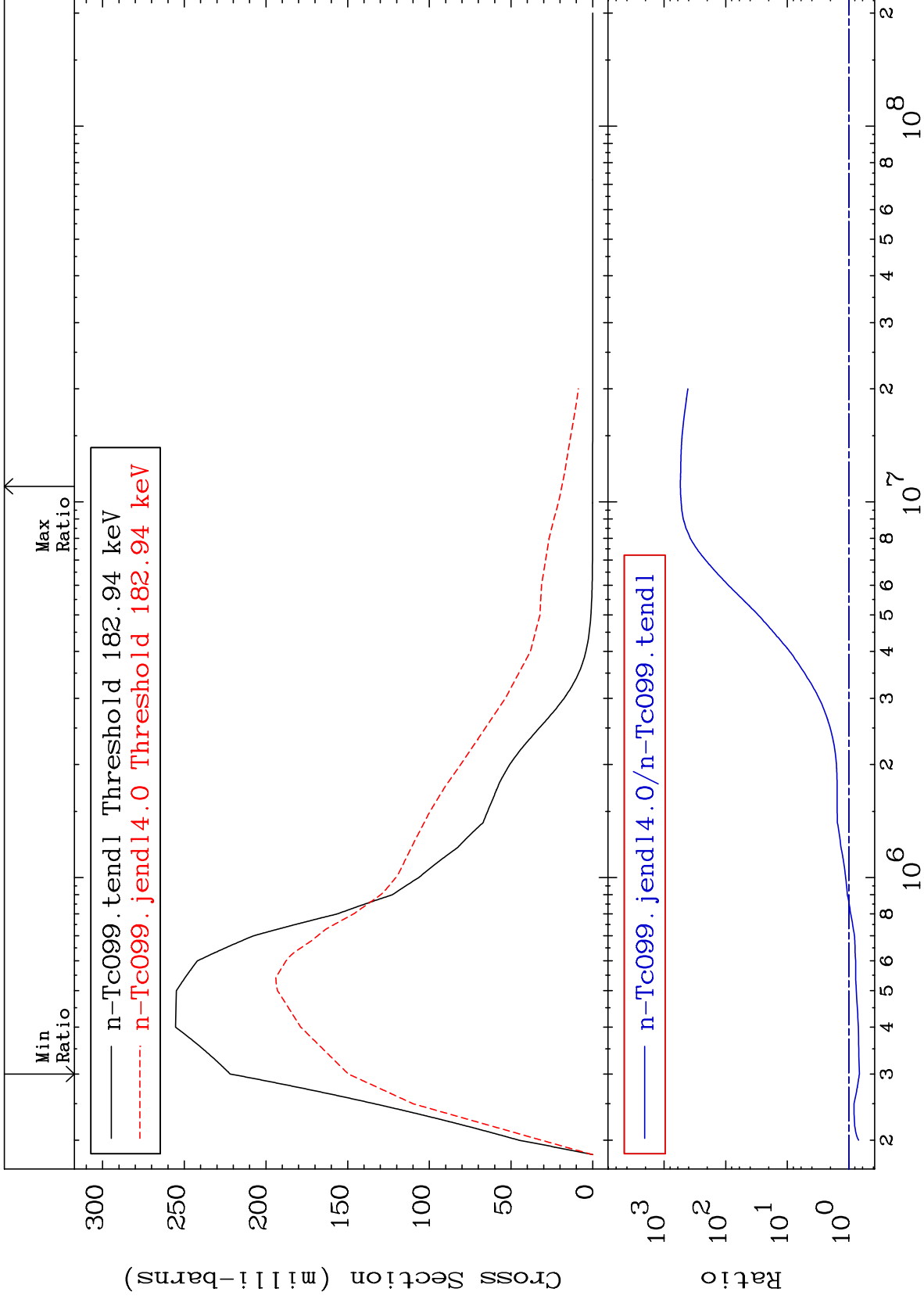
43-Tc-99
-91.90 To 195.5 %



MAT 4325

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

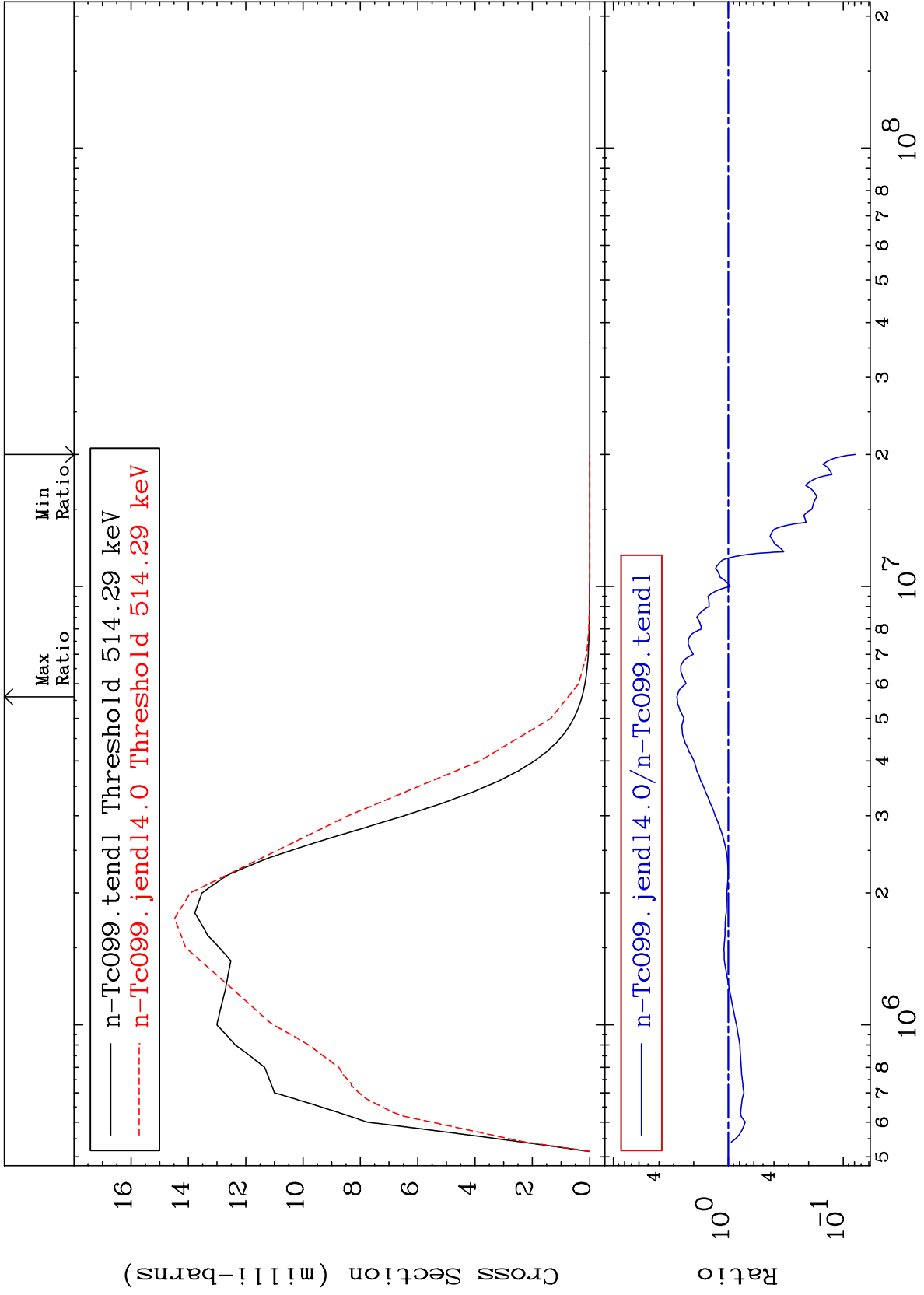
43-Tc-99
-32.59 To 9999. %



MAT 4325

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

43-Tc-99
-92.11 To 180.1 %



13

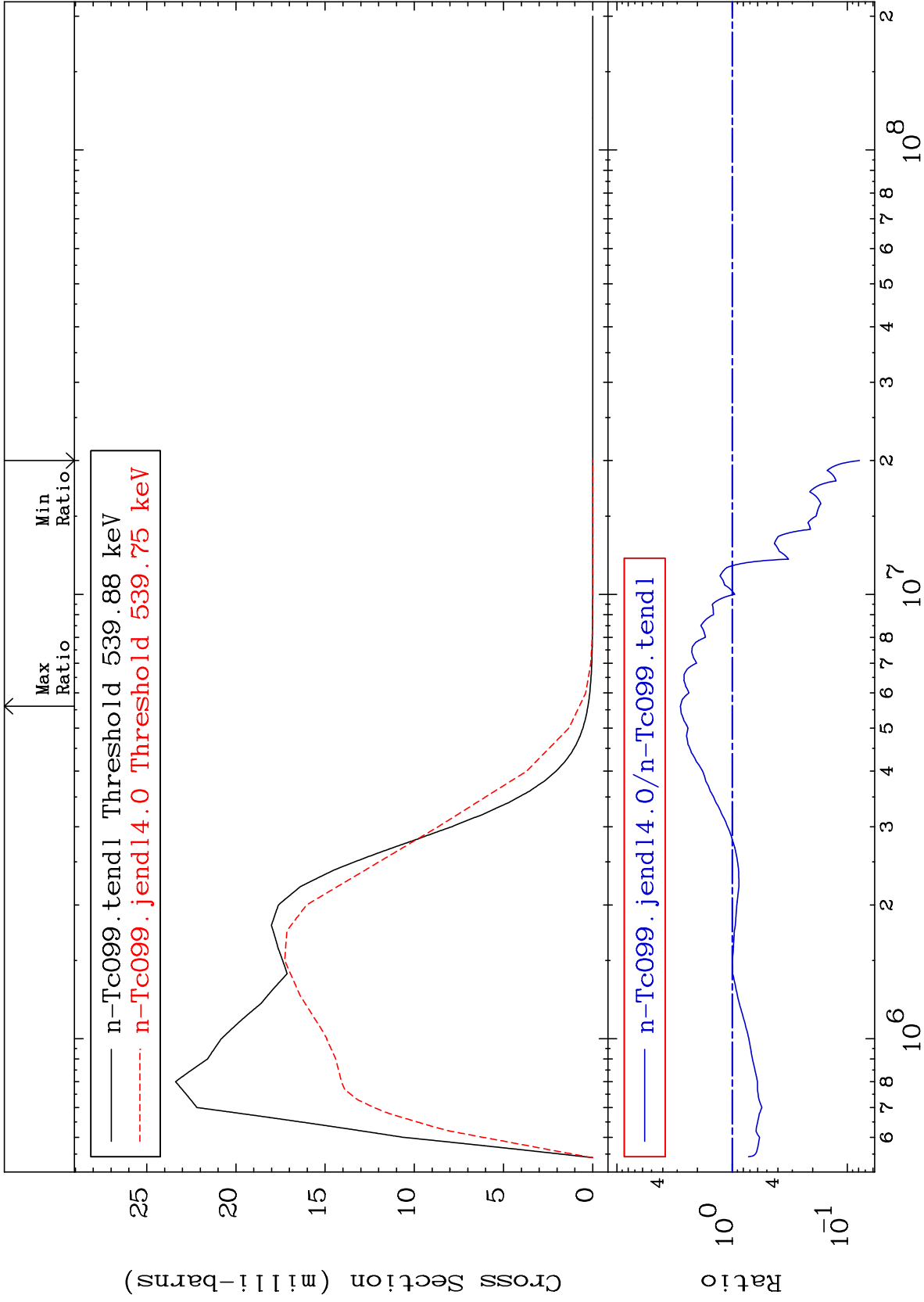
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-92.14 To 181.4 %



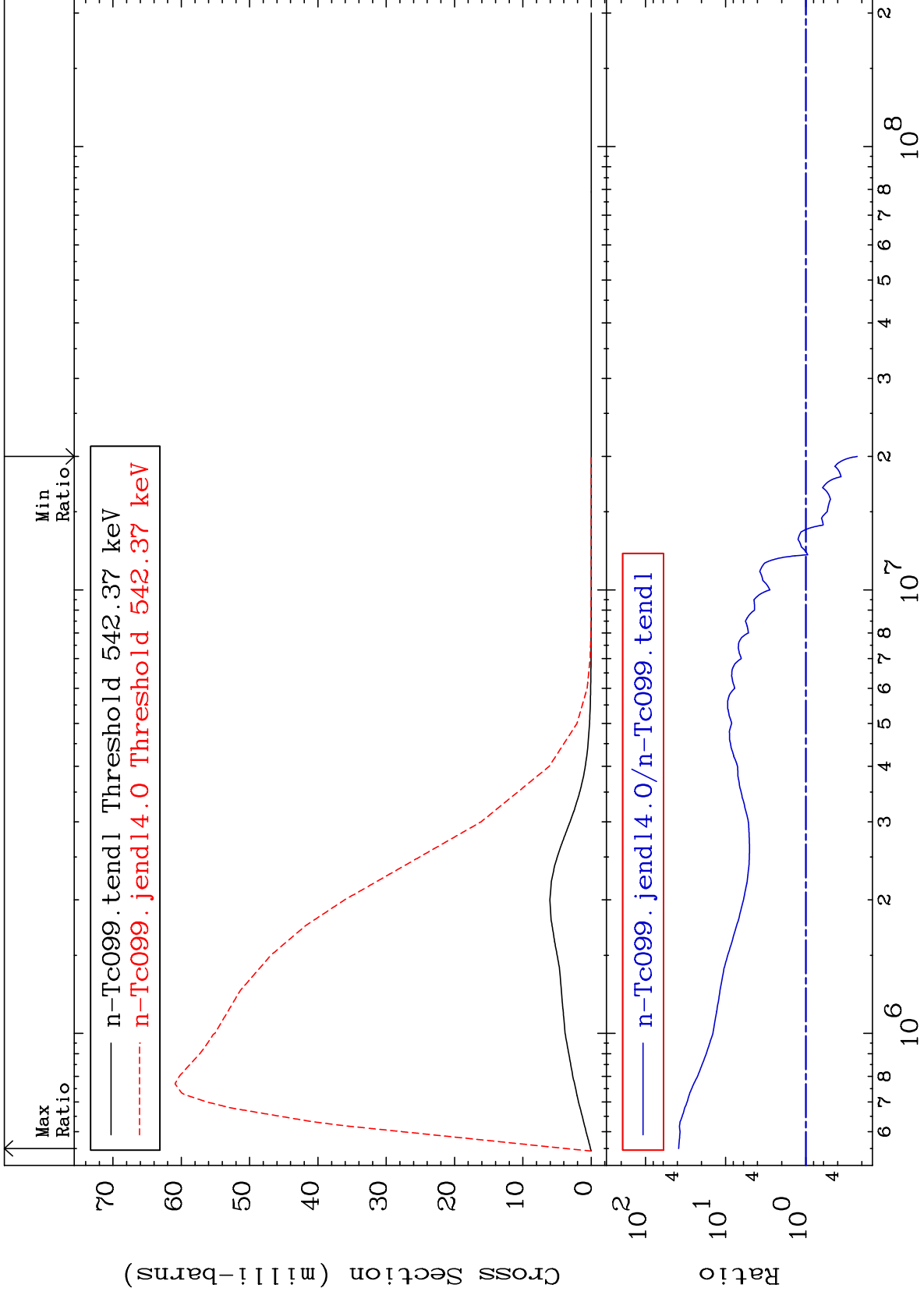
14

43-Tc-99

MAT 4325

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

43-Tc-99
-77.19 To 3753. %



15

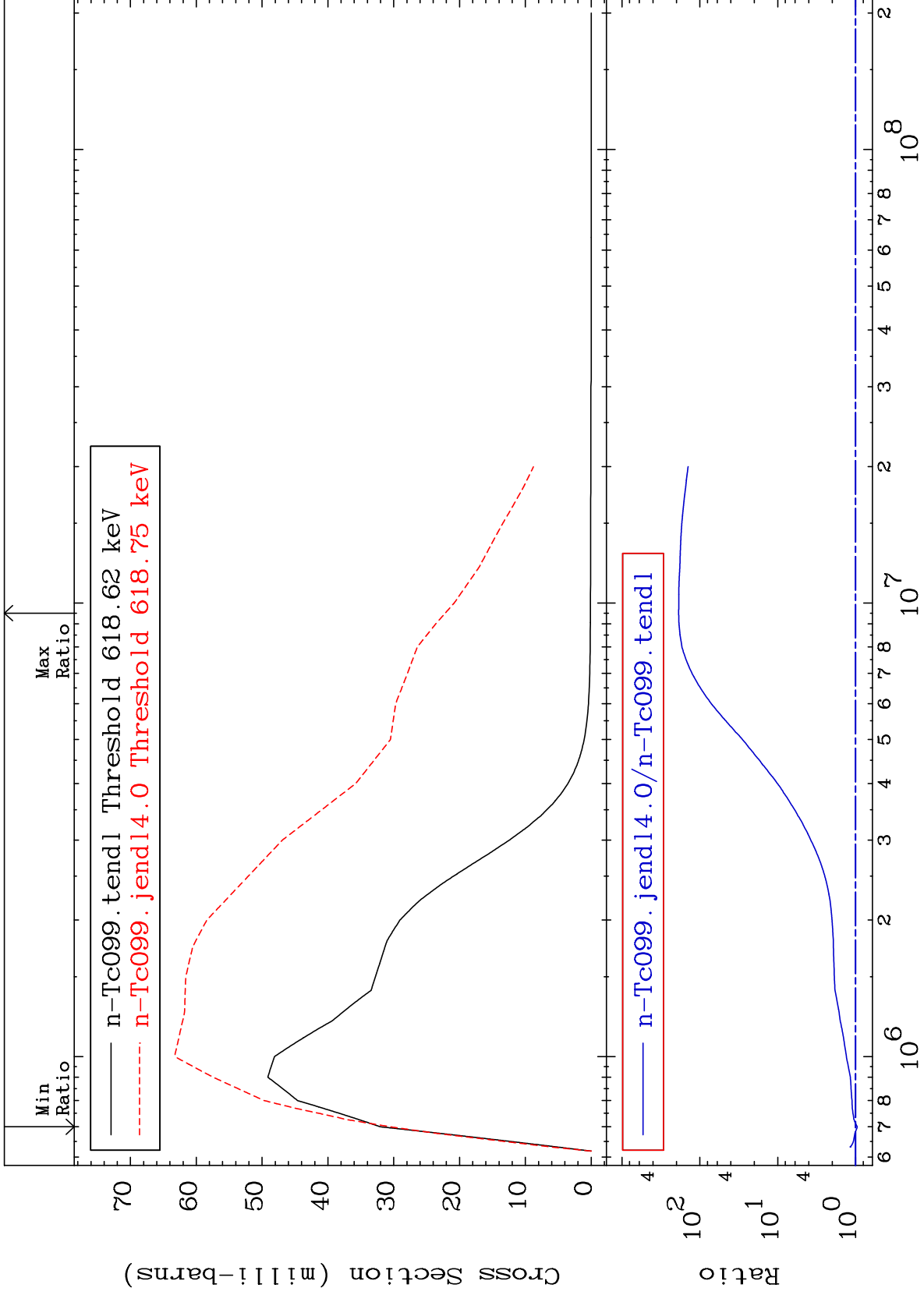
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-4.653 To 9999. %



16

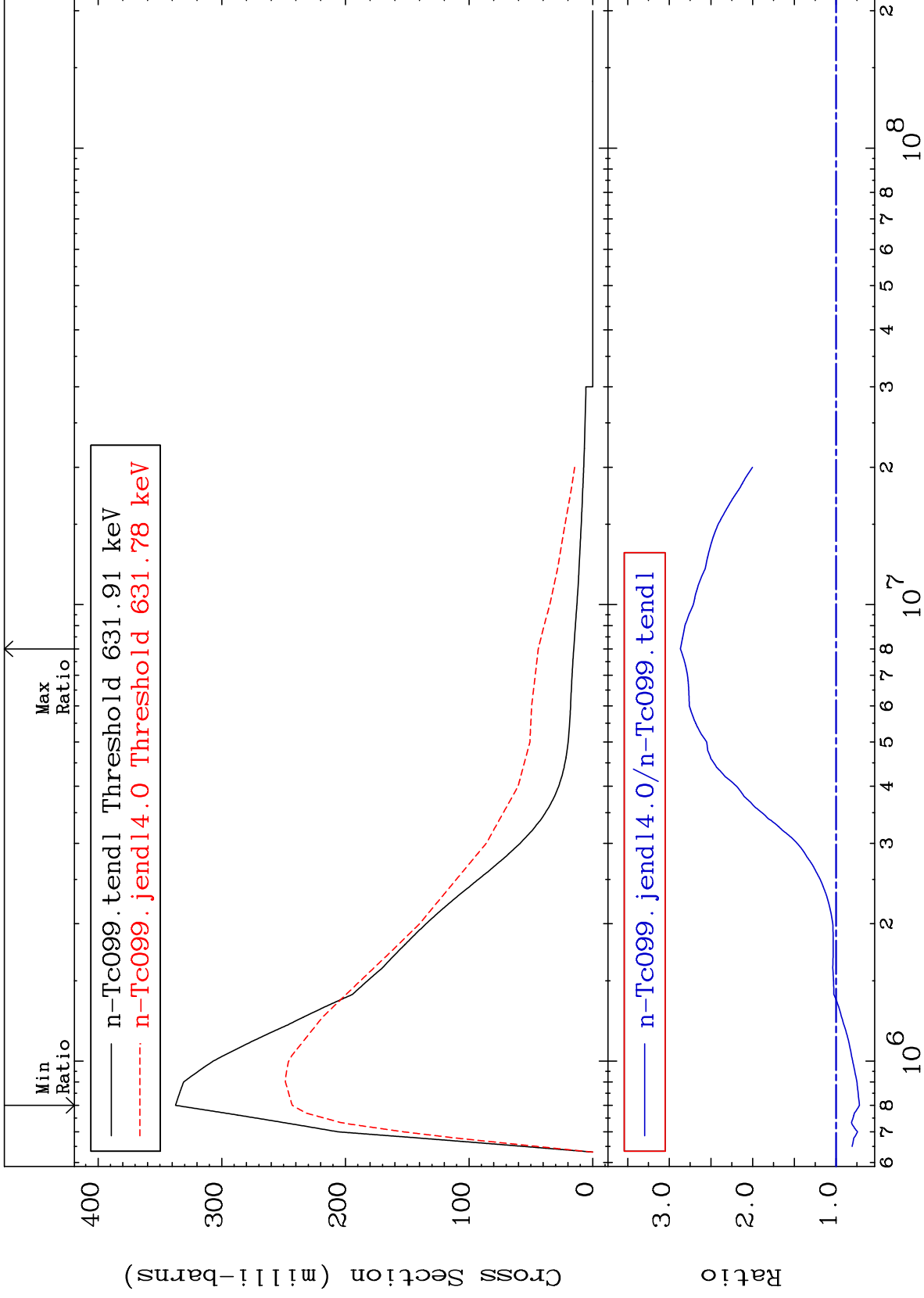
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-27.98 To 186.8 %



17

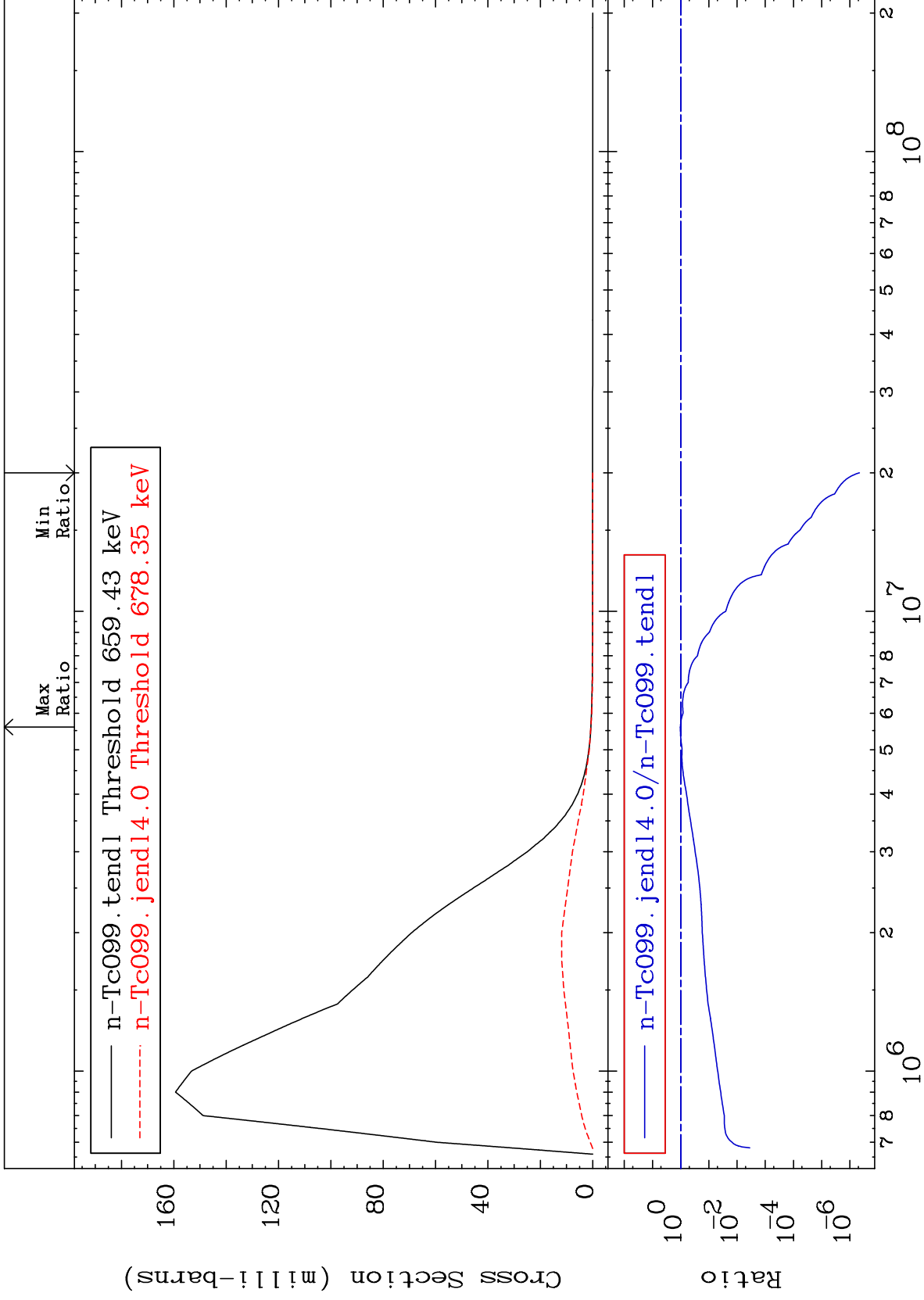
Incident Energy (eV)

43-Tc-99

MAT 4325

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

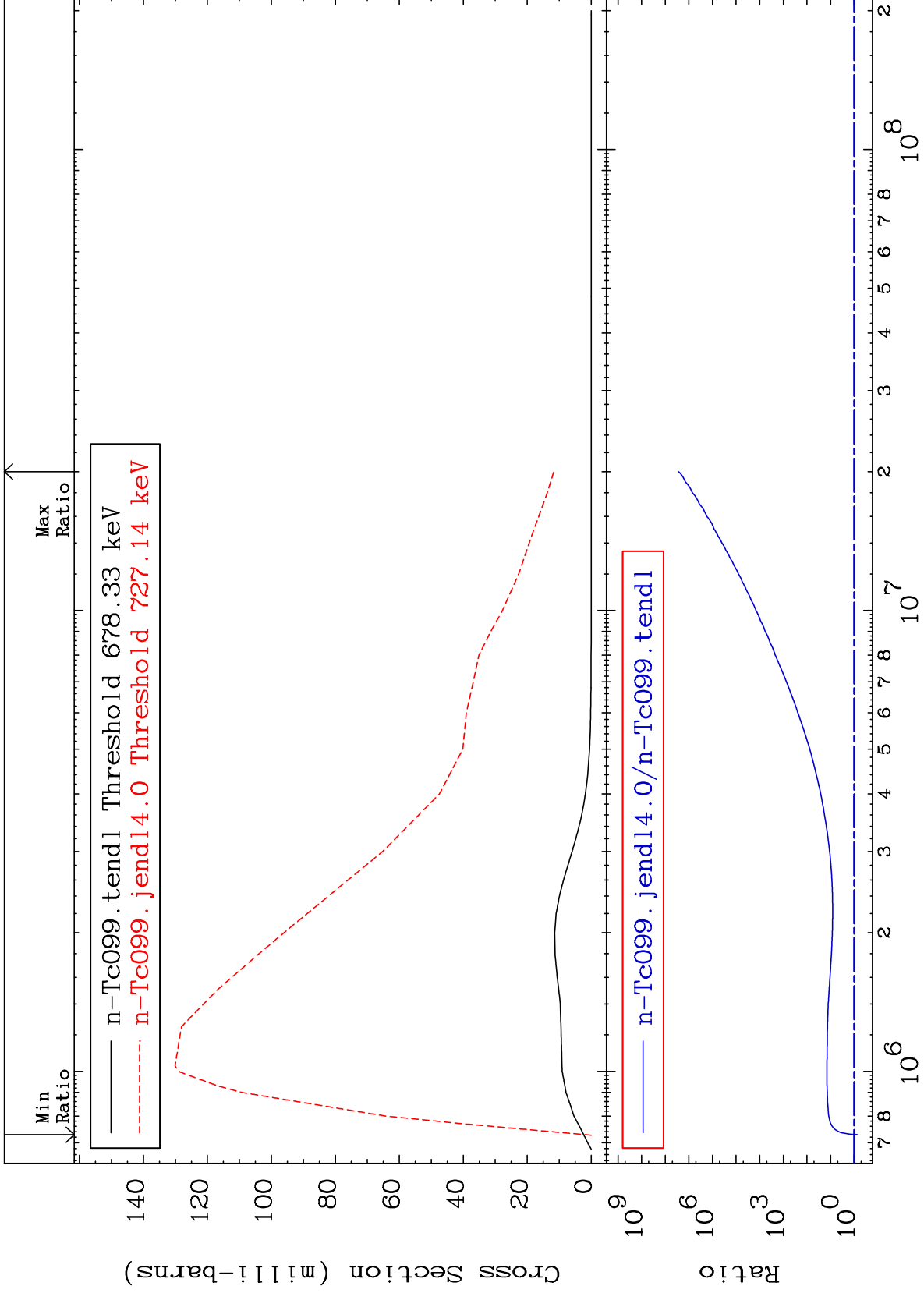
43-Tc-99
-100.0 To 2.727 %



MAT 4325

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

43-Tc-99
-25.90 To 9999. %



19

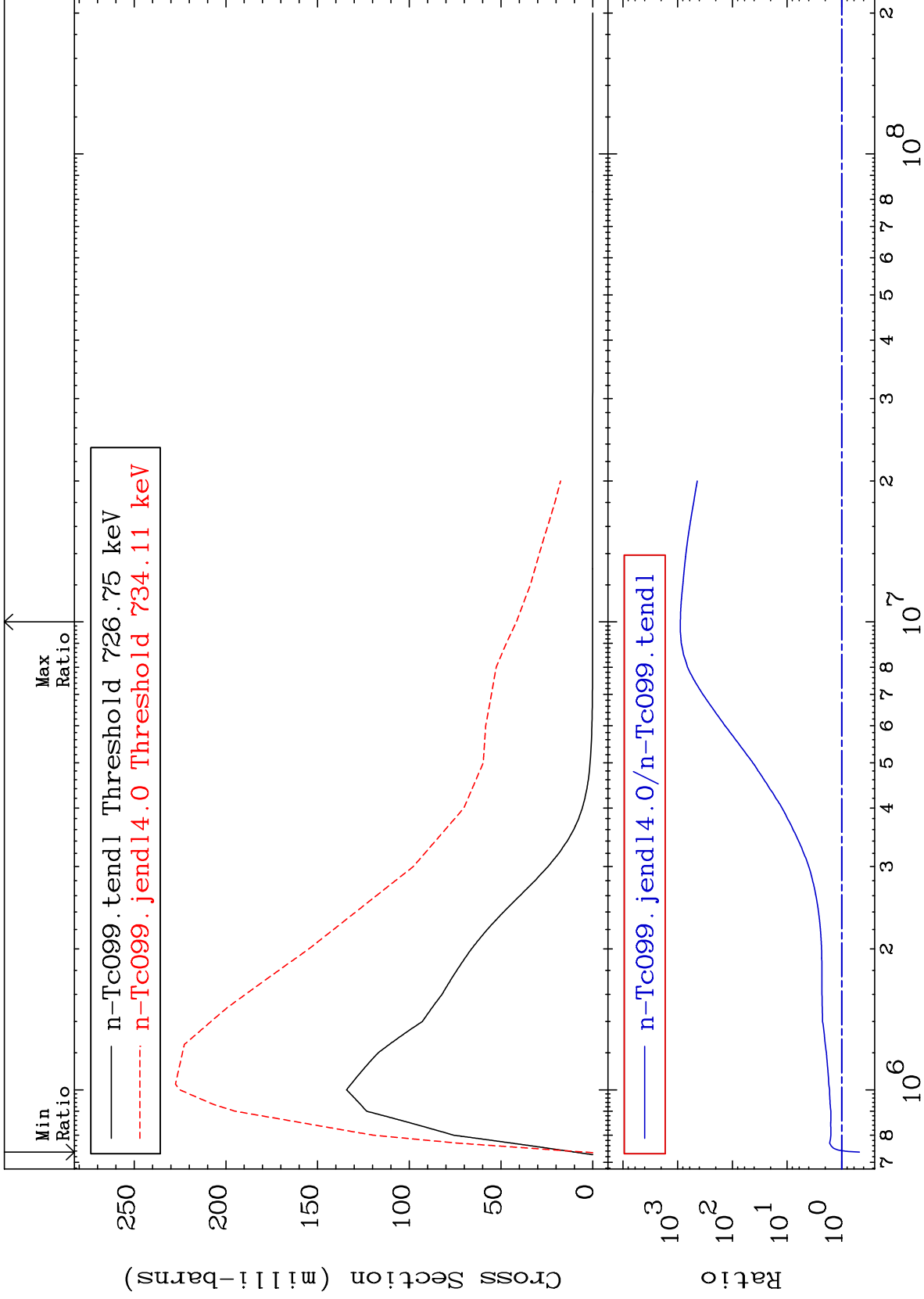
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-52.39 To 9999. %



20

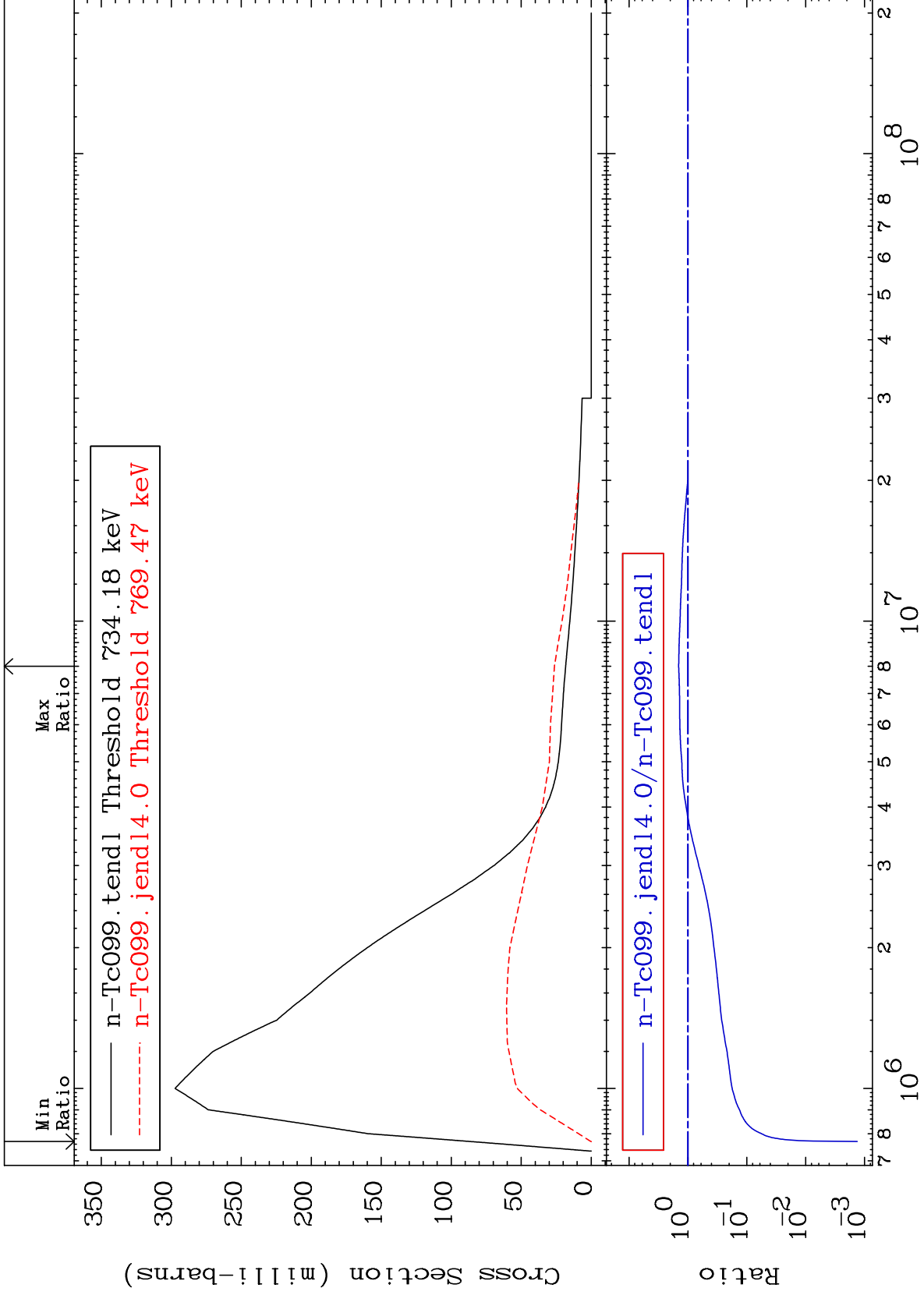
Incident Energy (eV)

43-Tc-99

MAT 4325

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

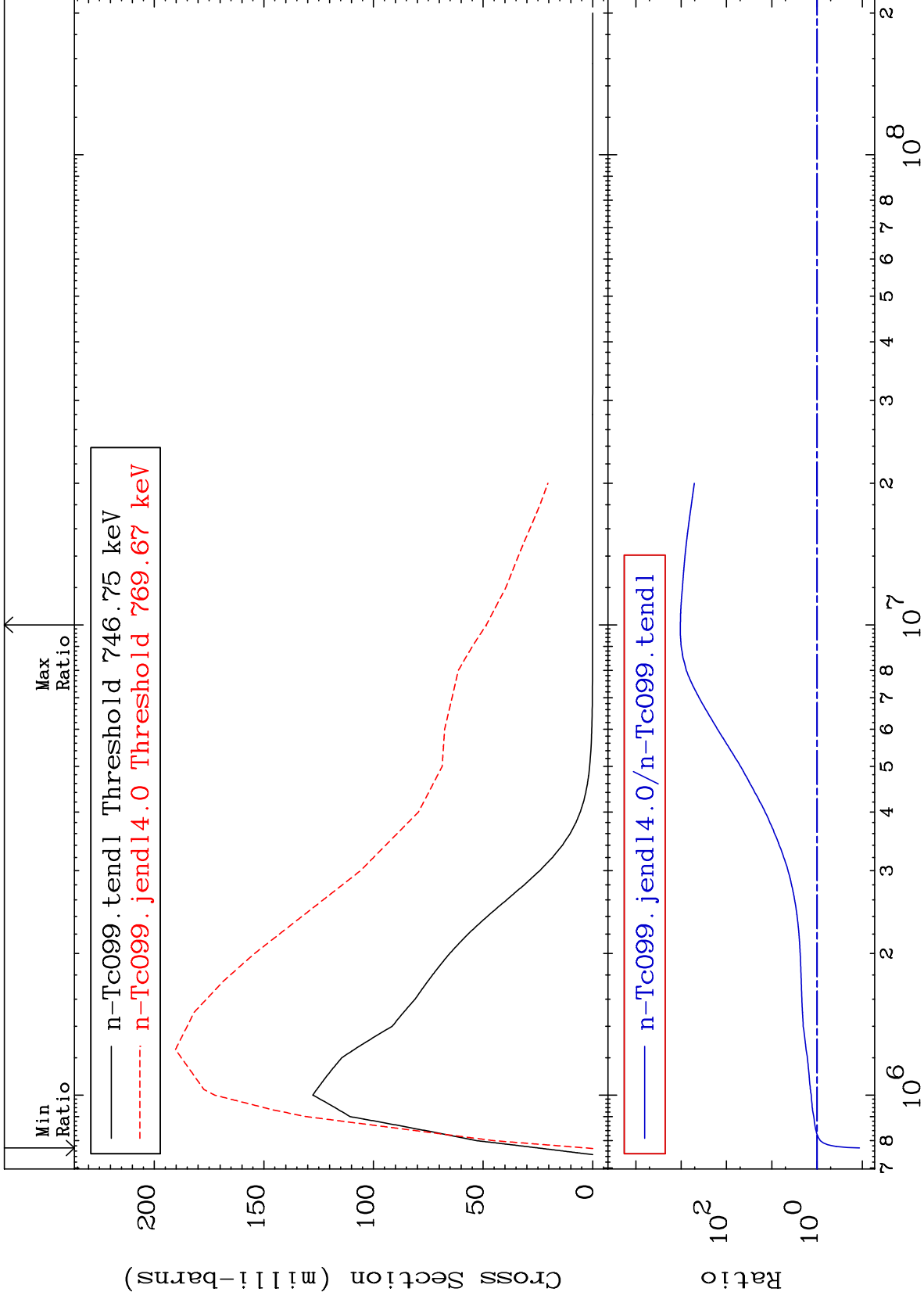
43-Tc-99
-99.87 To 43.92 %



MAT 4325

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

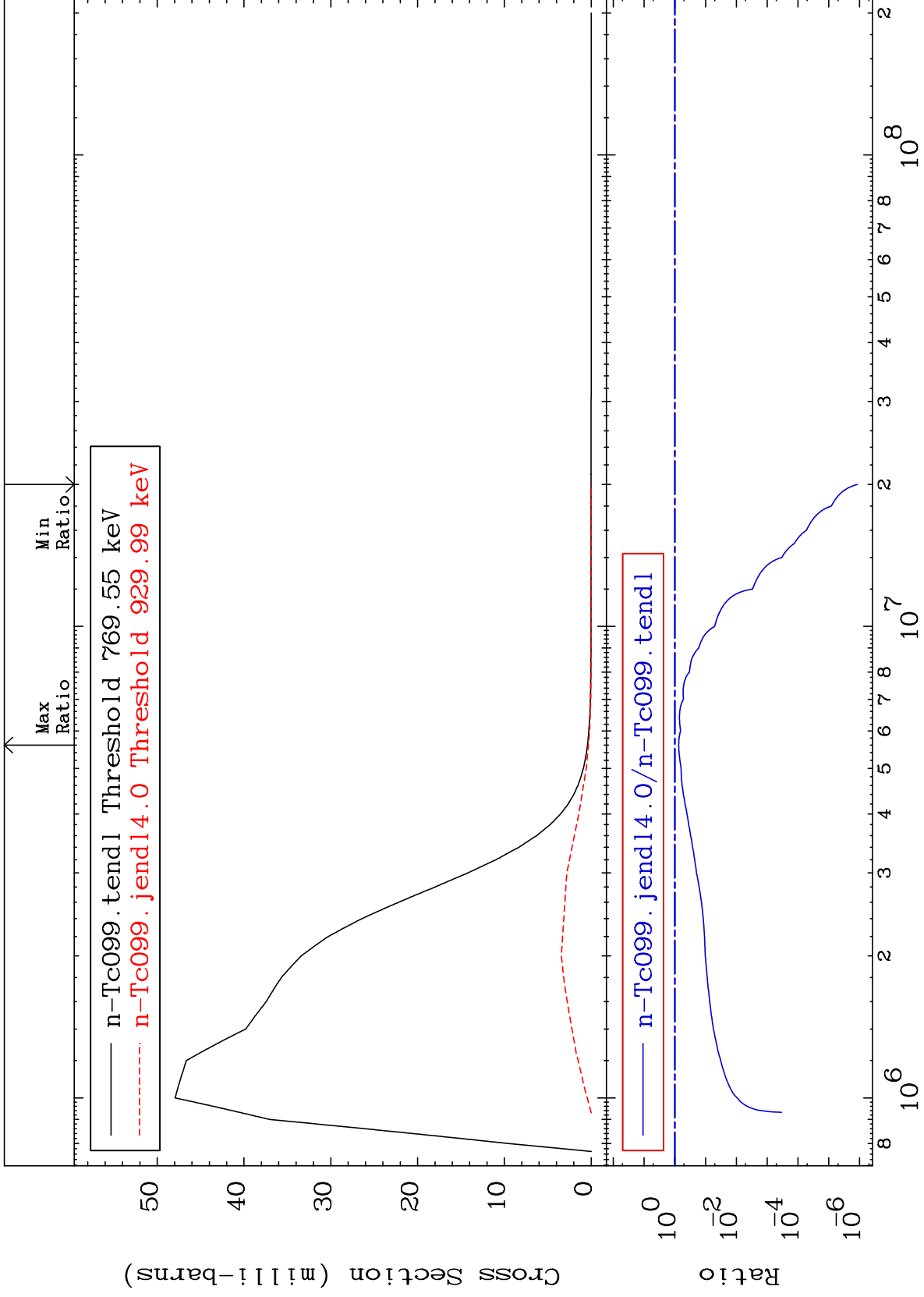
43-Tc-99
-88.36 To 9999. %



MAT 4325

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

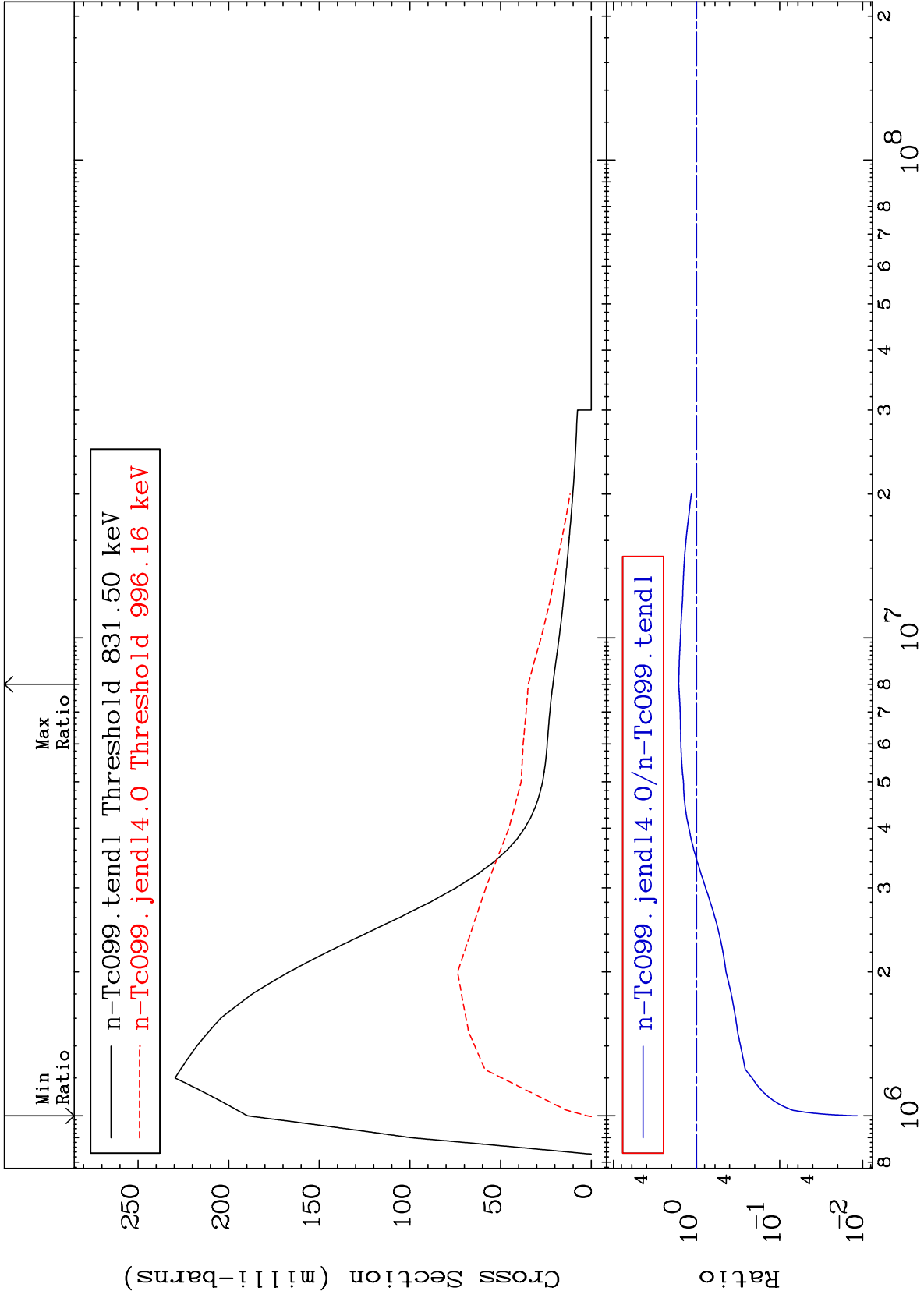
43-Tc-99
-100.0 To -24.79%



MAT 4325

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

43-Tc-99
-98.84 To 64.19 %



24

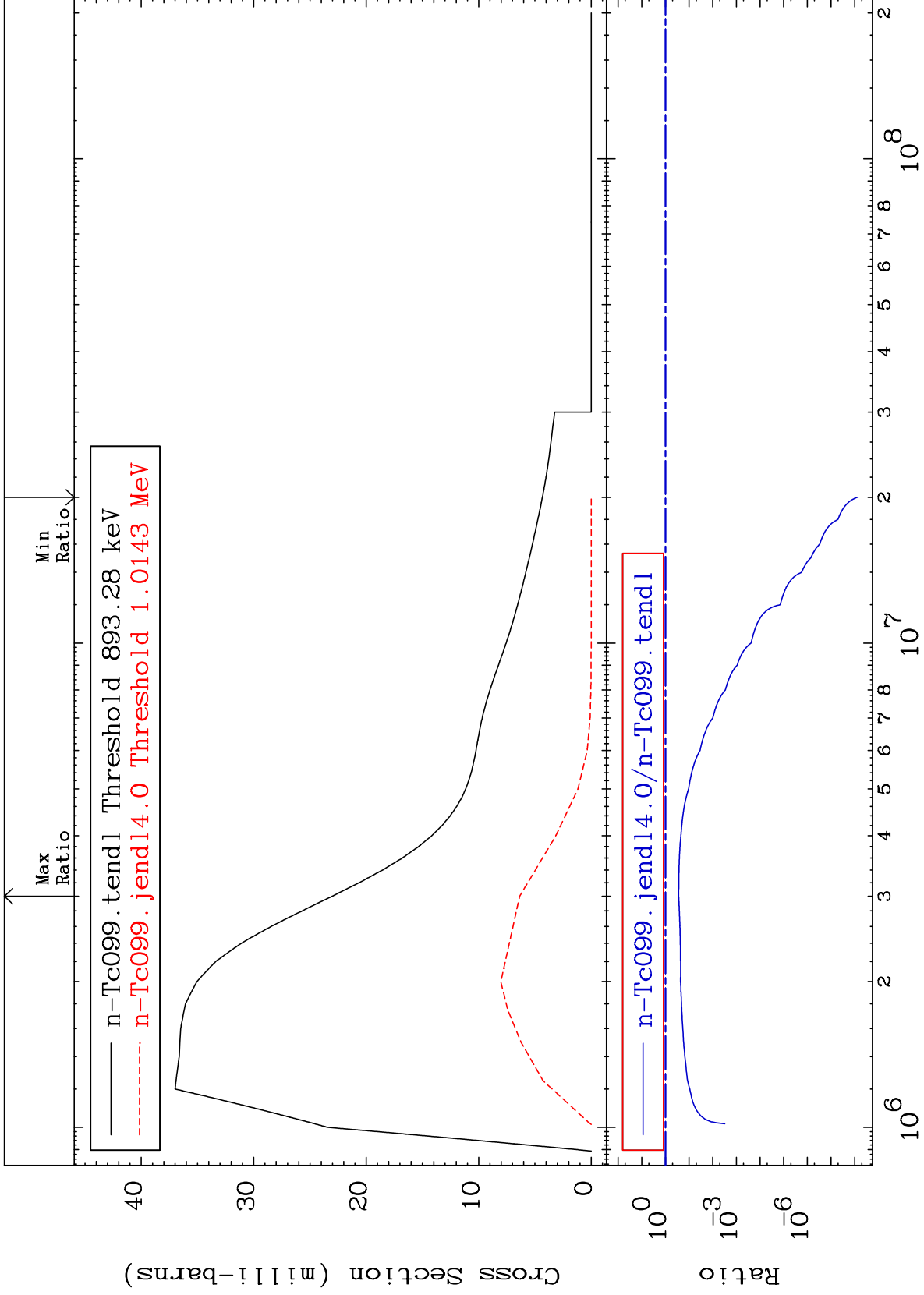
Incident Energy (eV)

43-Tc-99

MAT 4325

MT= 66 (n,n') Level
Cross Section

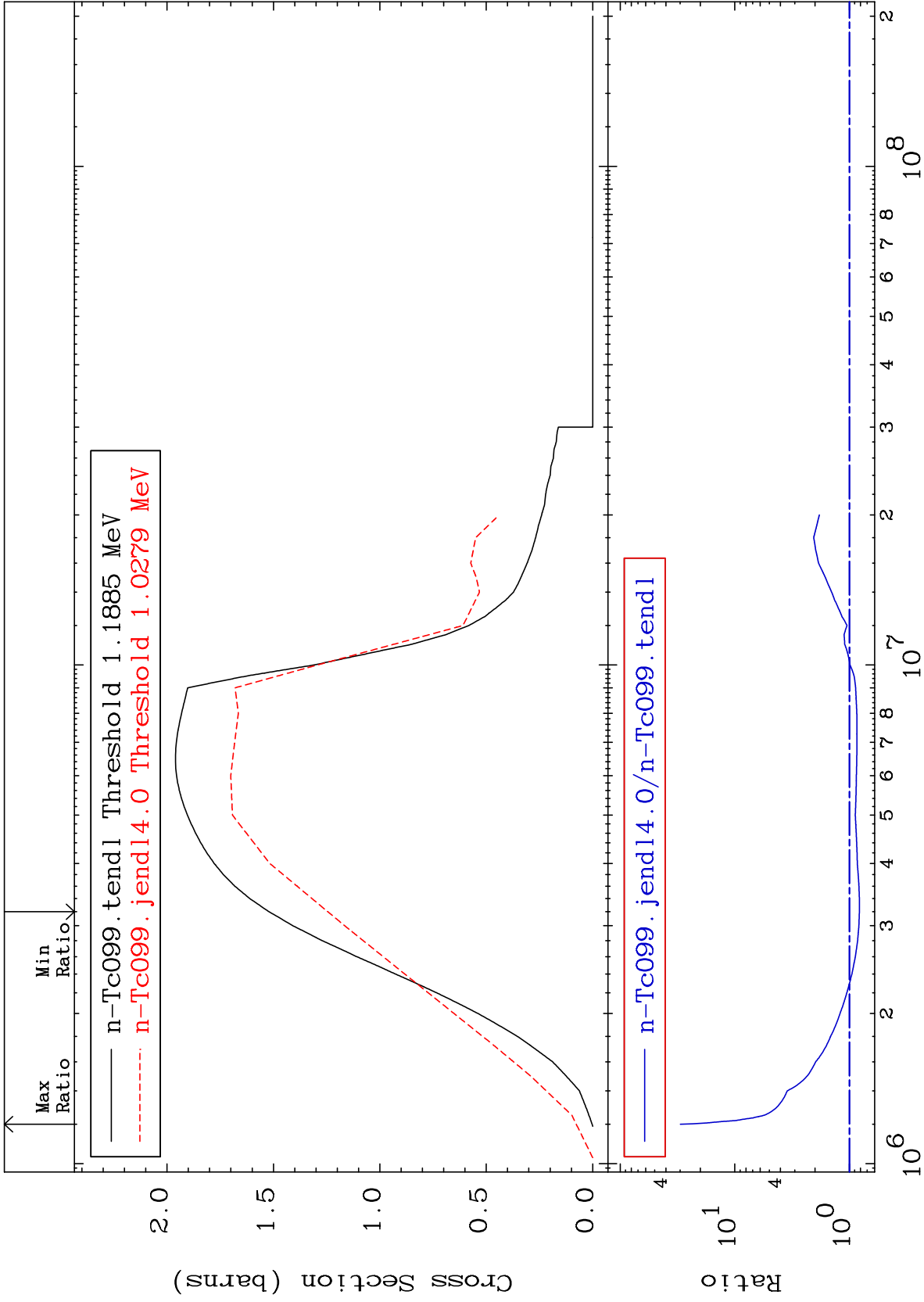
43-Tc-99
-100.0 To -72.37%

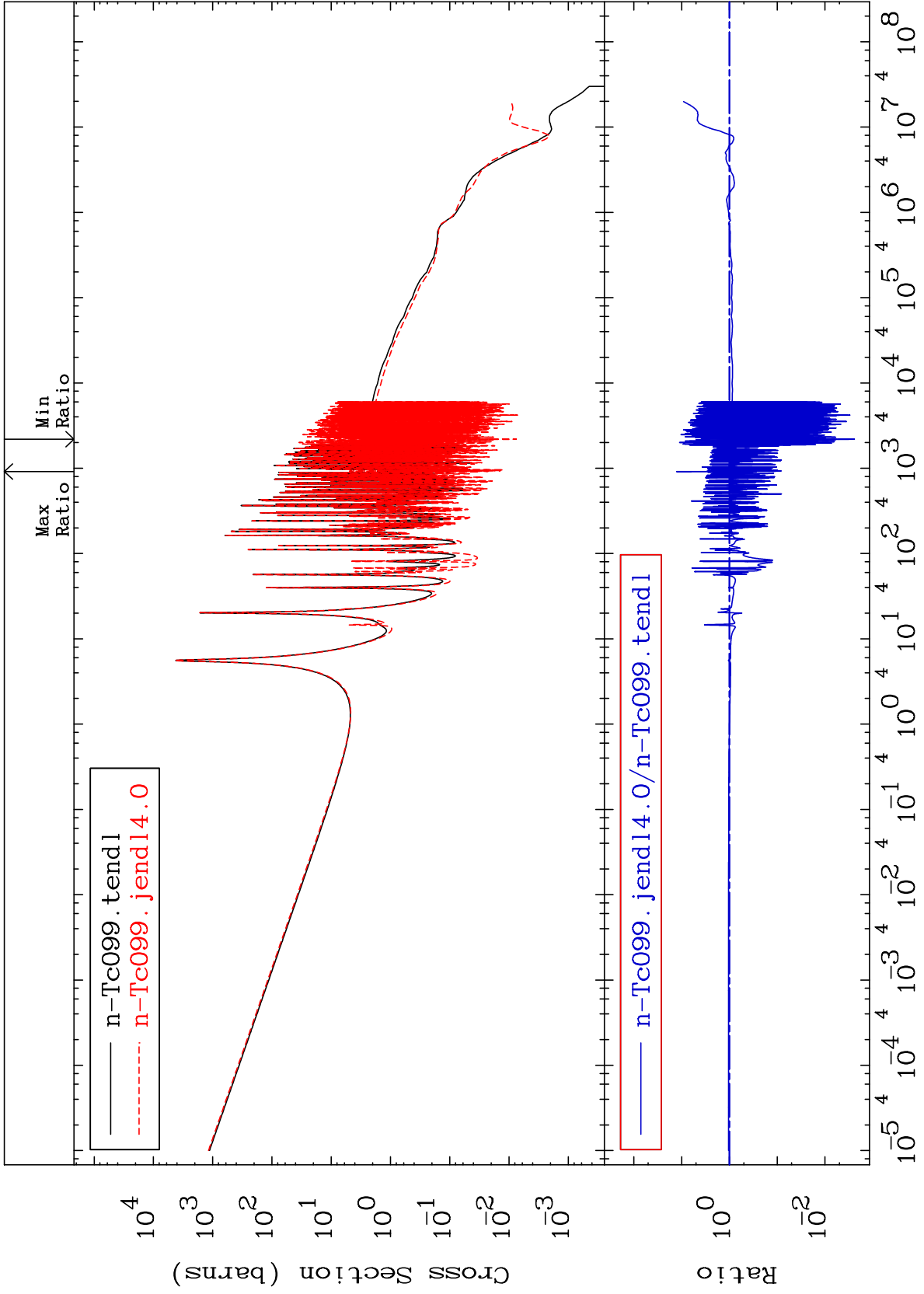


25

Incident Energy (eV)

43-Tc-99





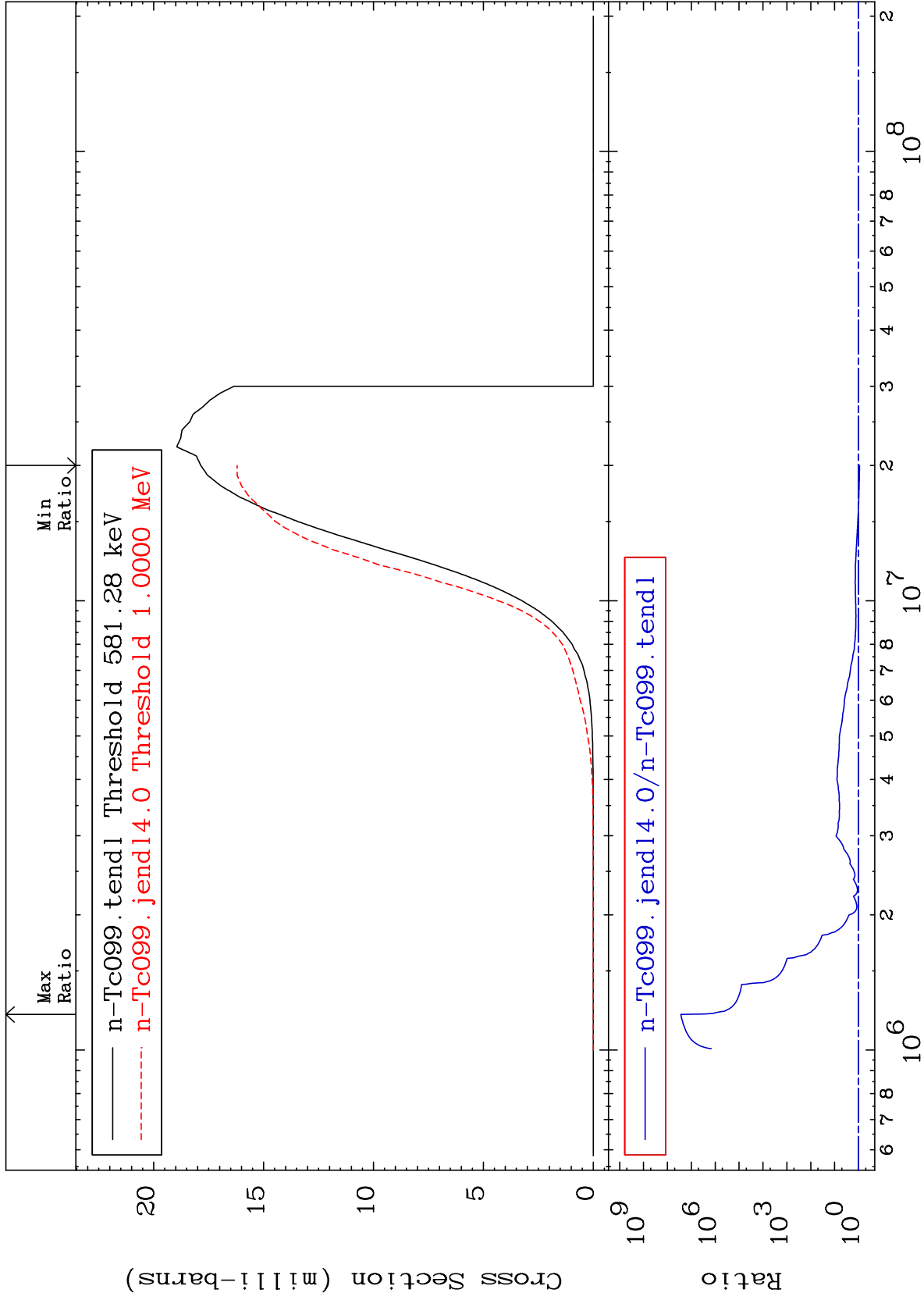
MAT 4325

(n,p)

43-Tc-99

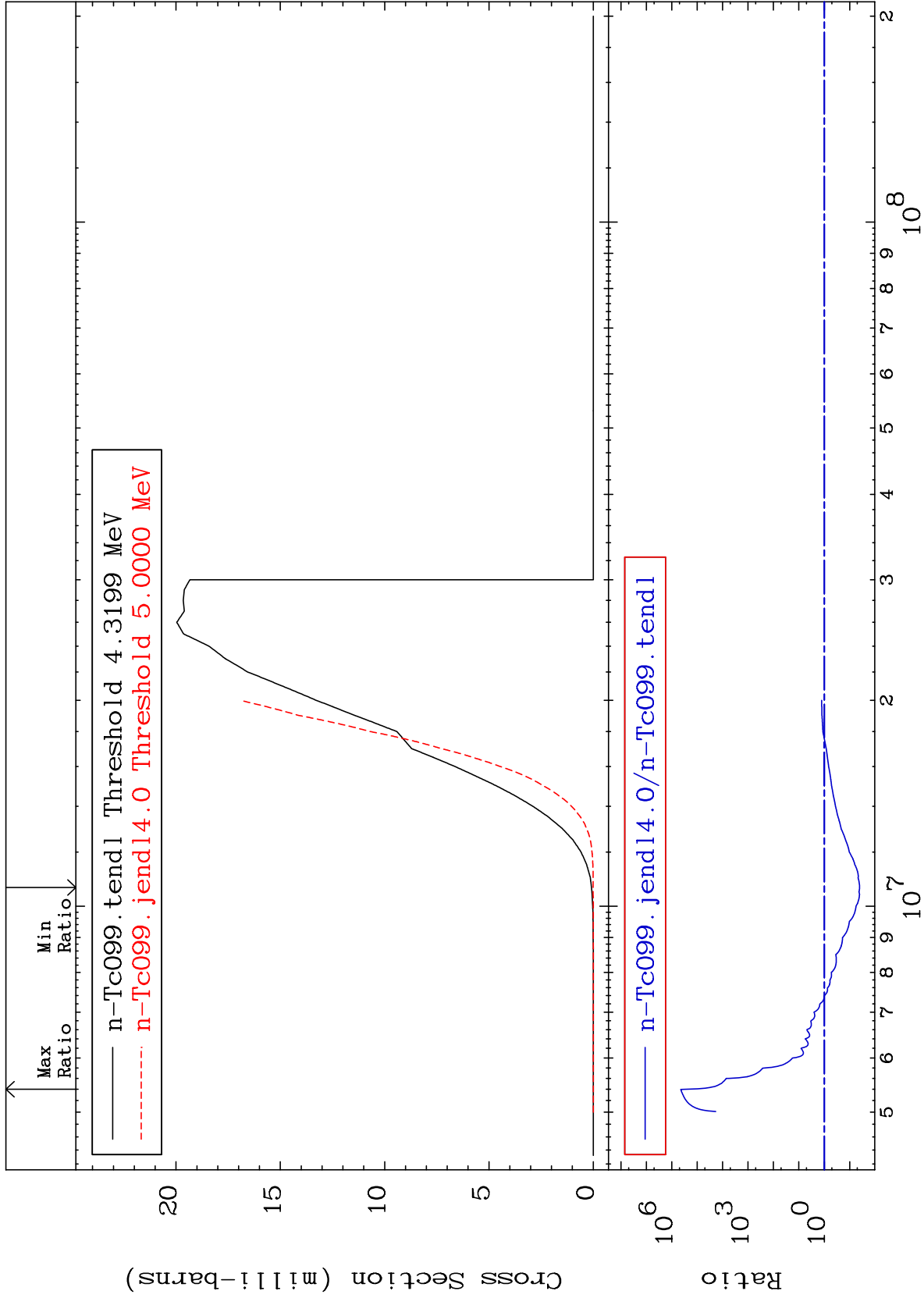
Cross Section

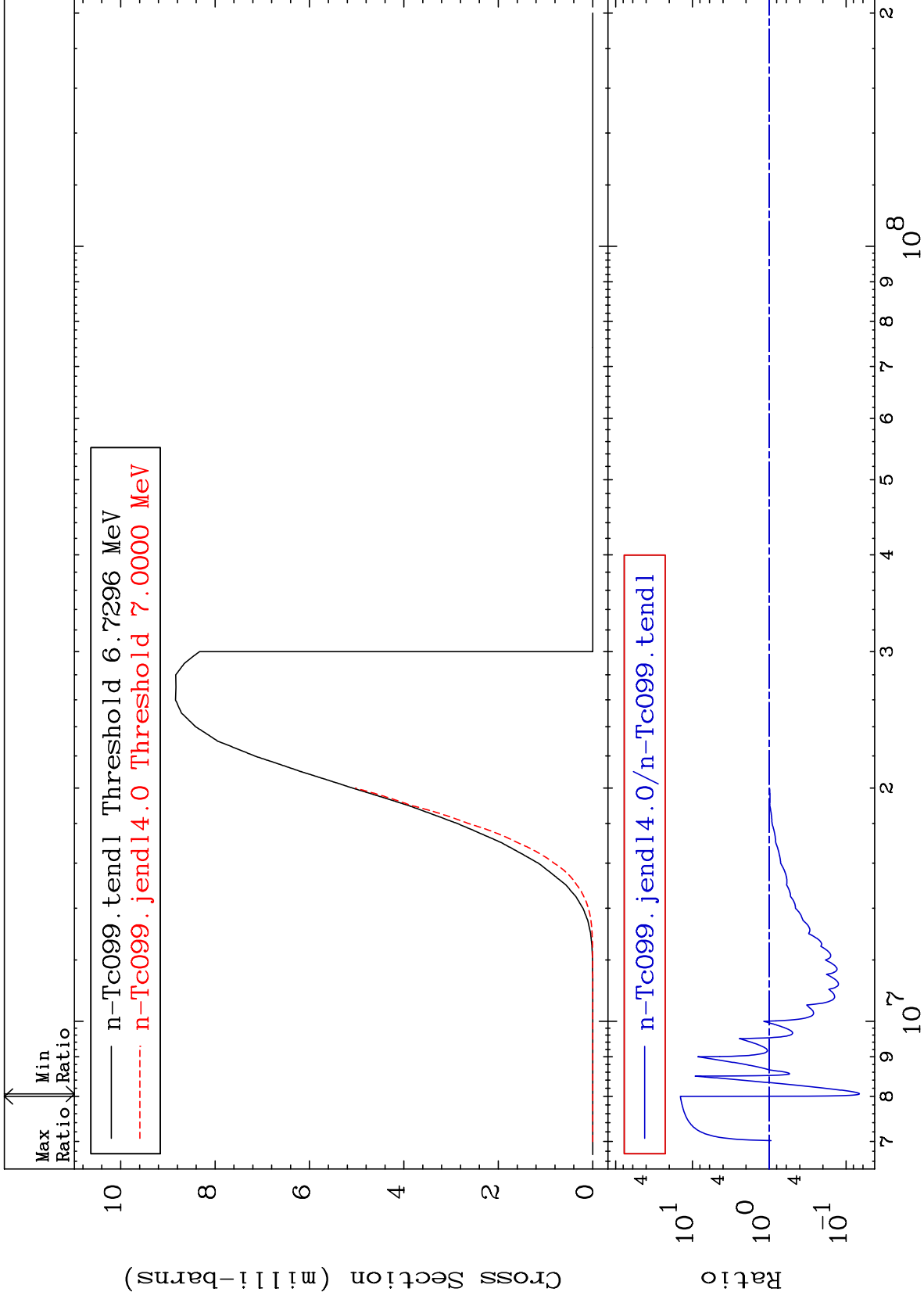
-9.306 To 9999. %

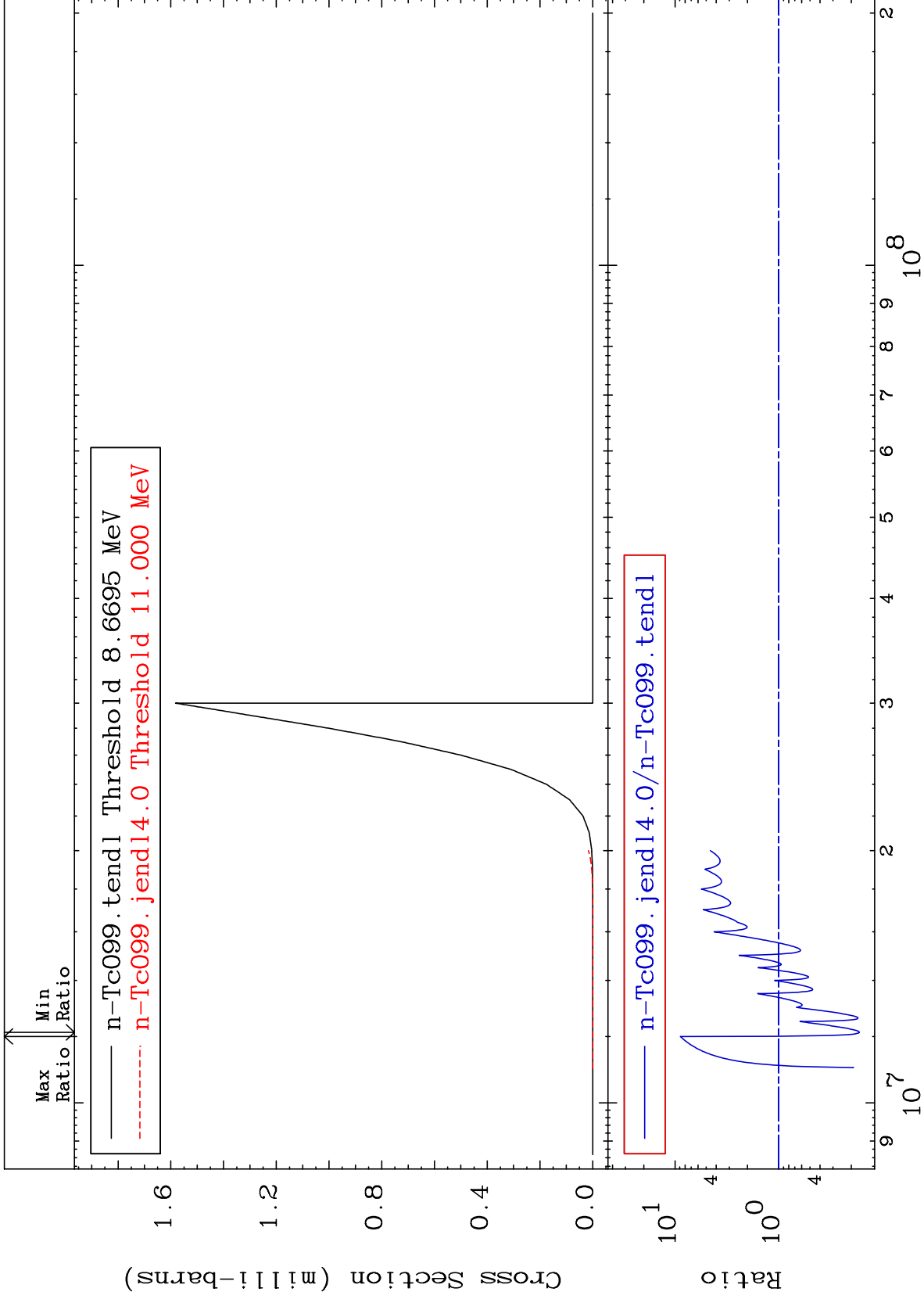


Cross Section

-95.91 To 9999. %







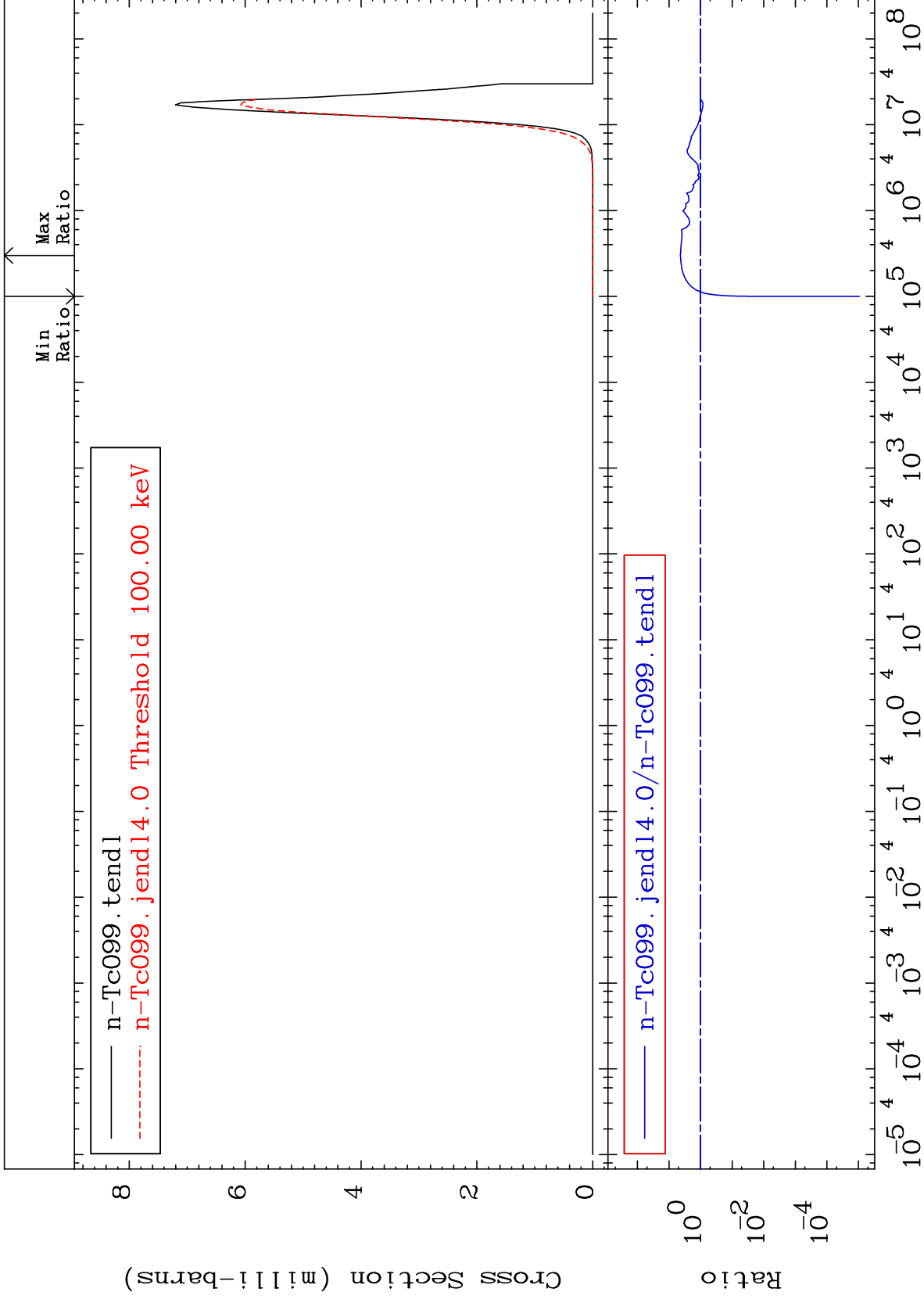
MAT 4325

(n, α)

43-Tc-99

Cross Section

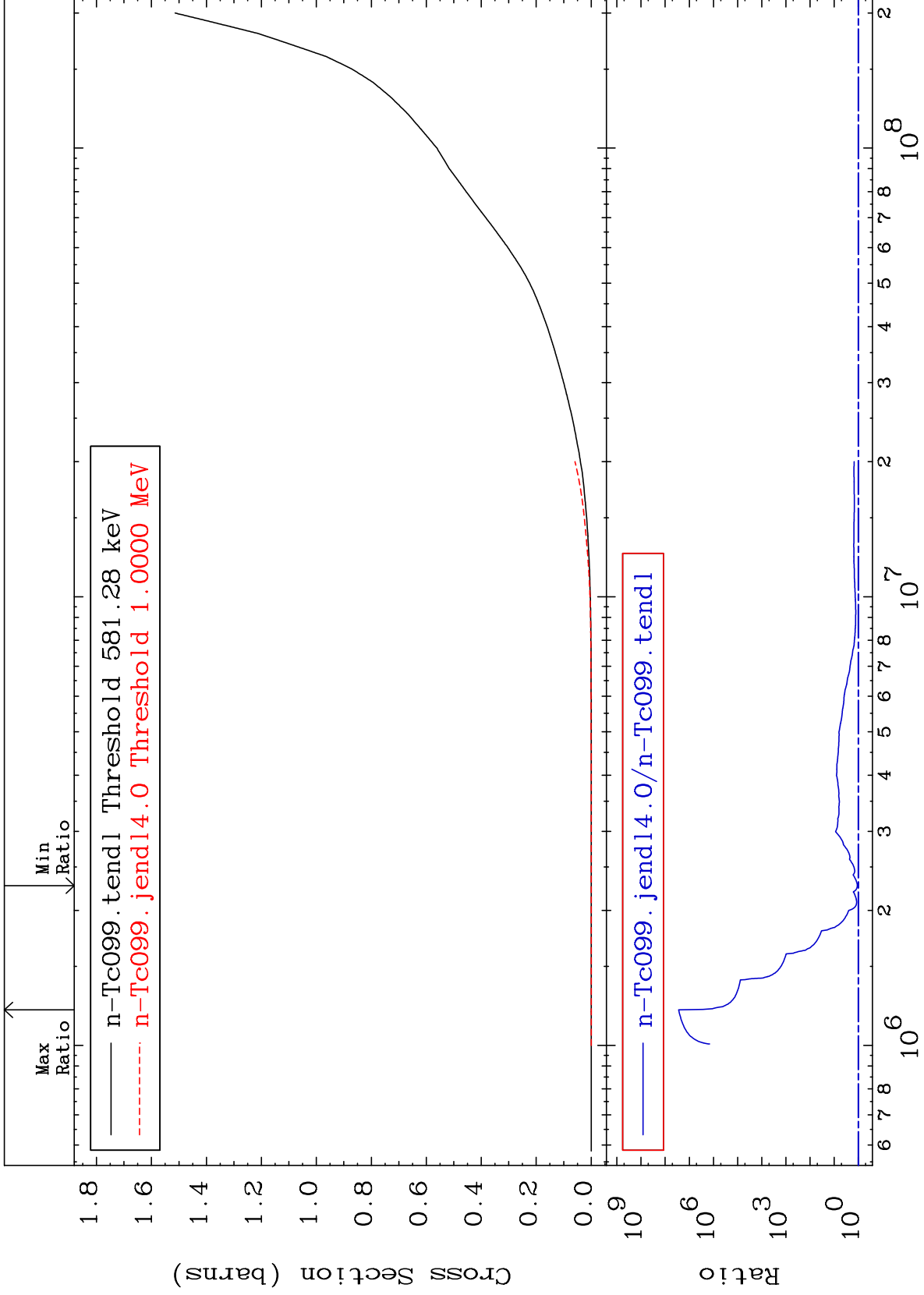
-100.0 To 336.7 %



MAT 4325

Hydrogen Production
Cross Section

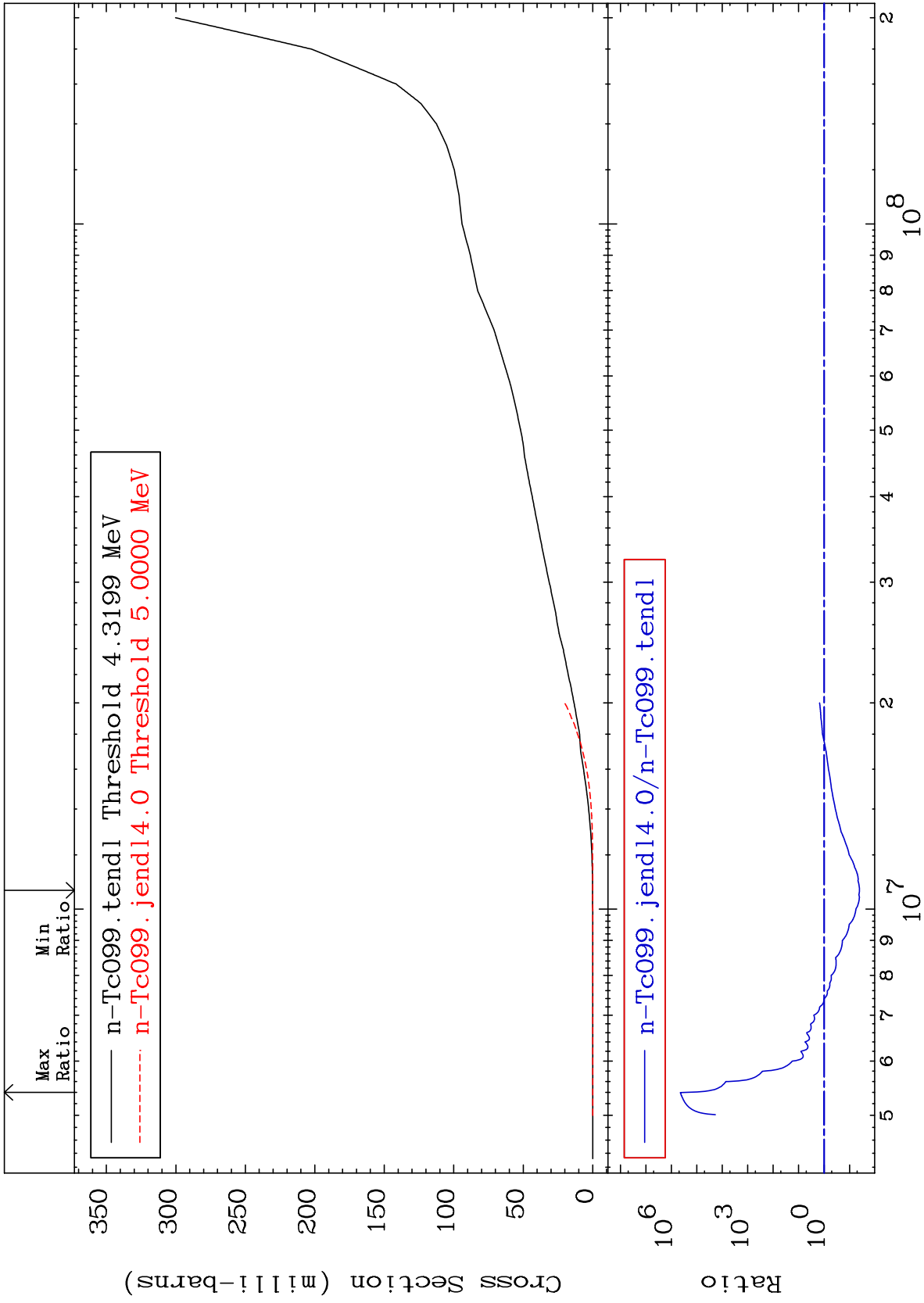
43-Tc-99
11.40 To 9999. %

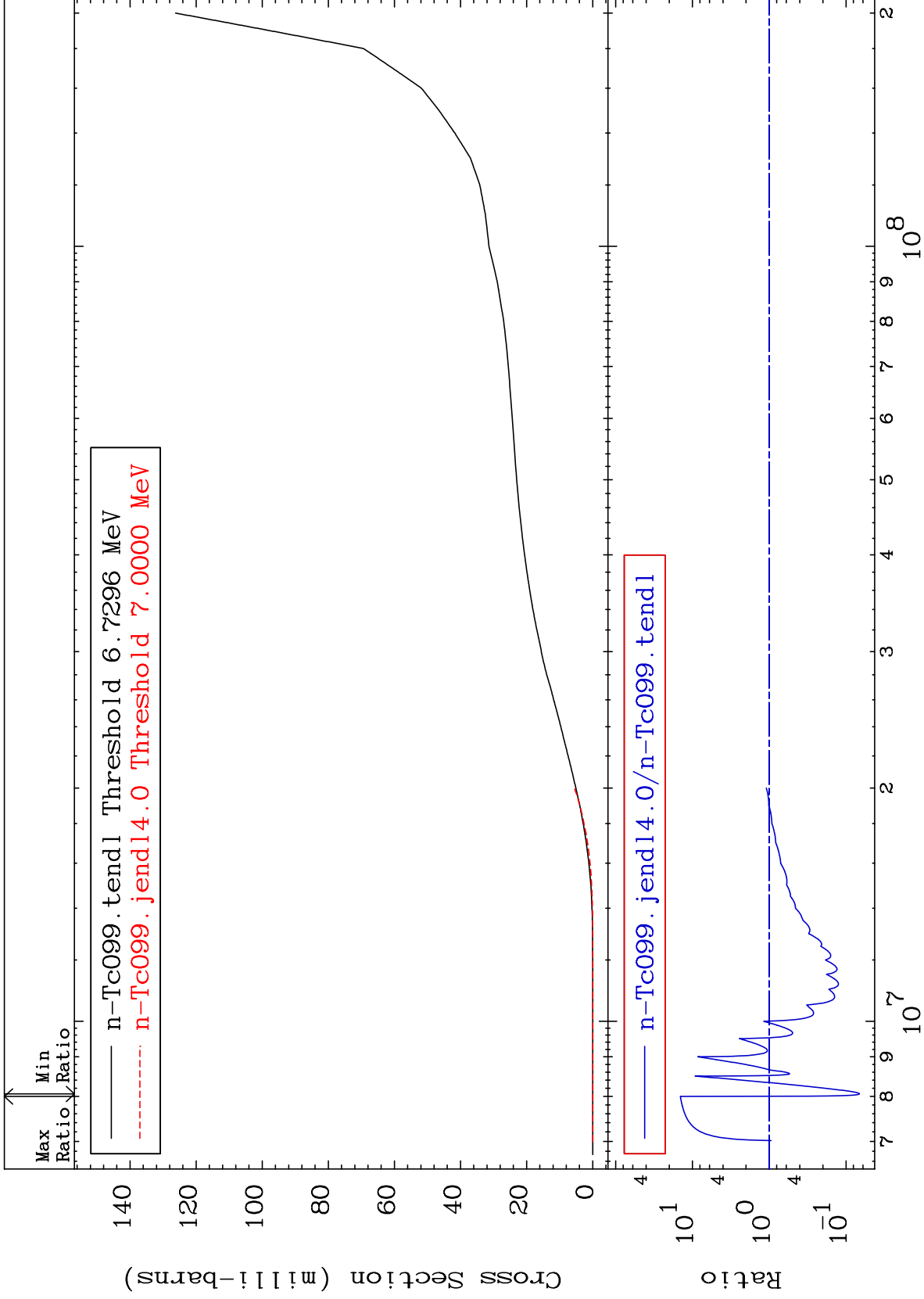


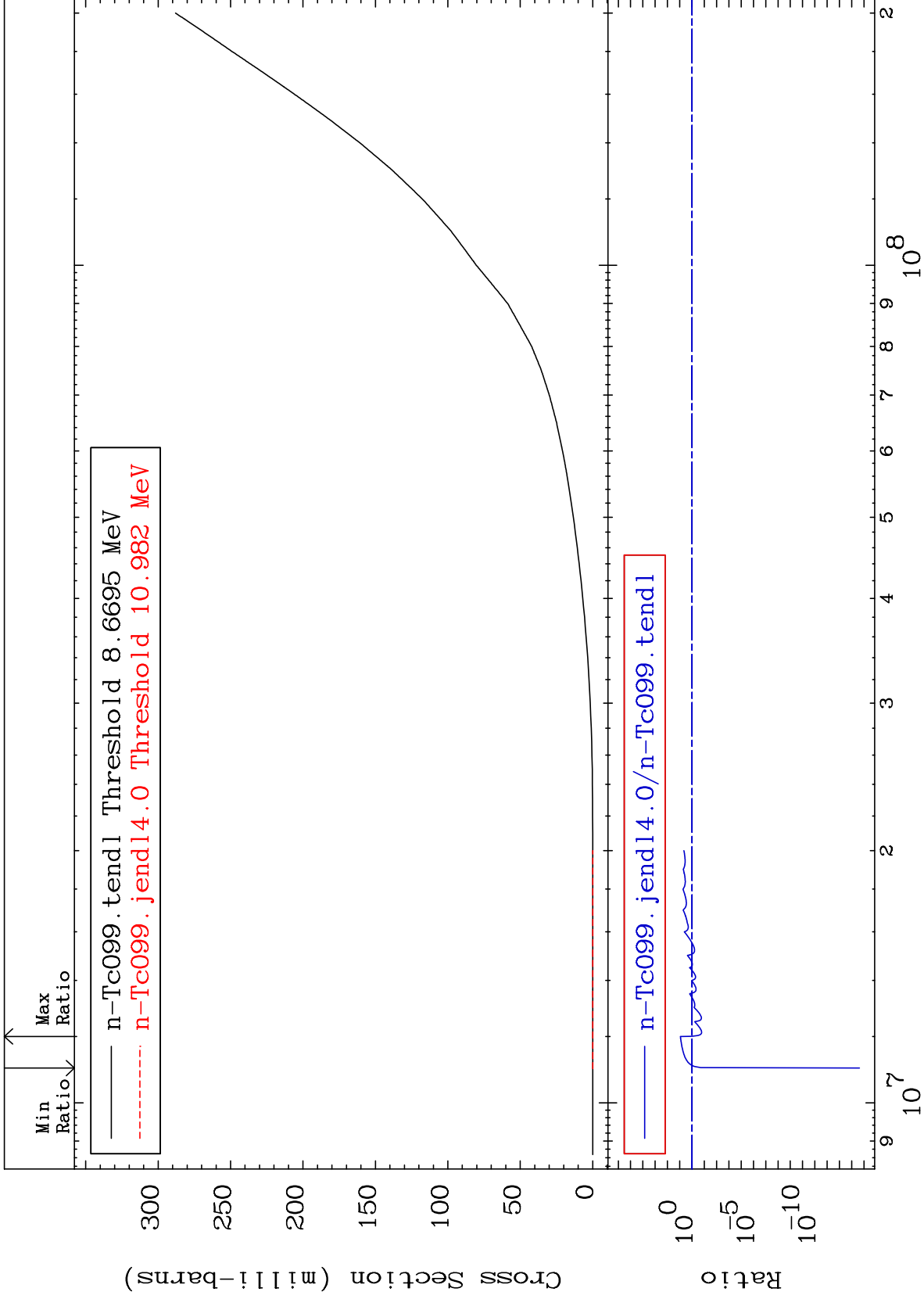
MAT 4325

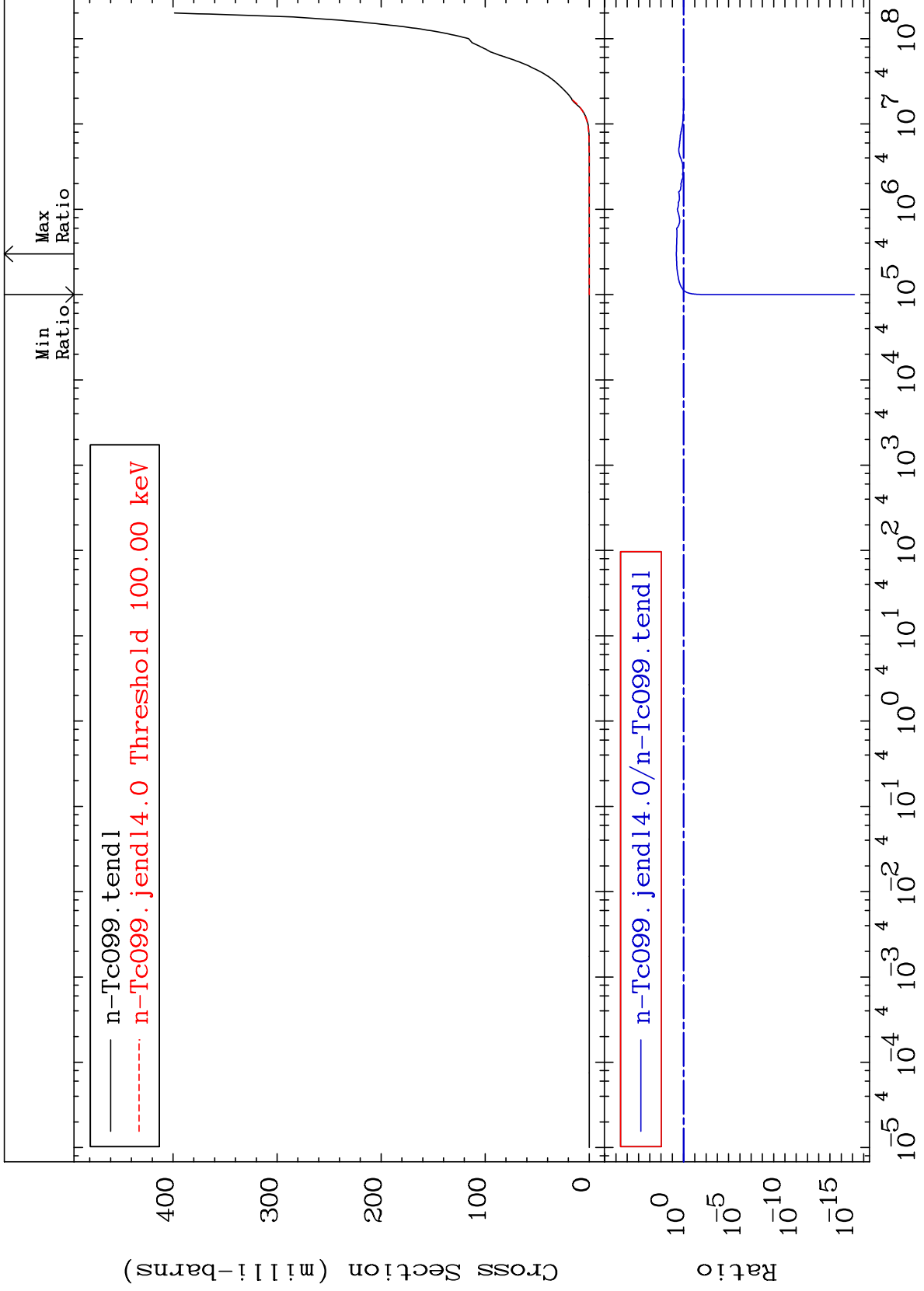
Deuterium Production
Cross Section

43-Tc-99
-95.91 To 9999. %



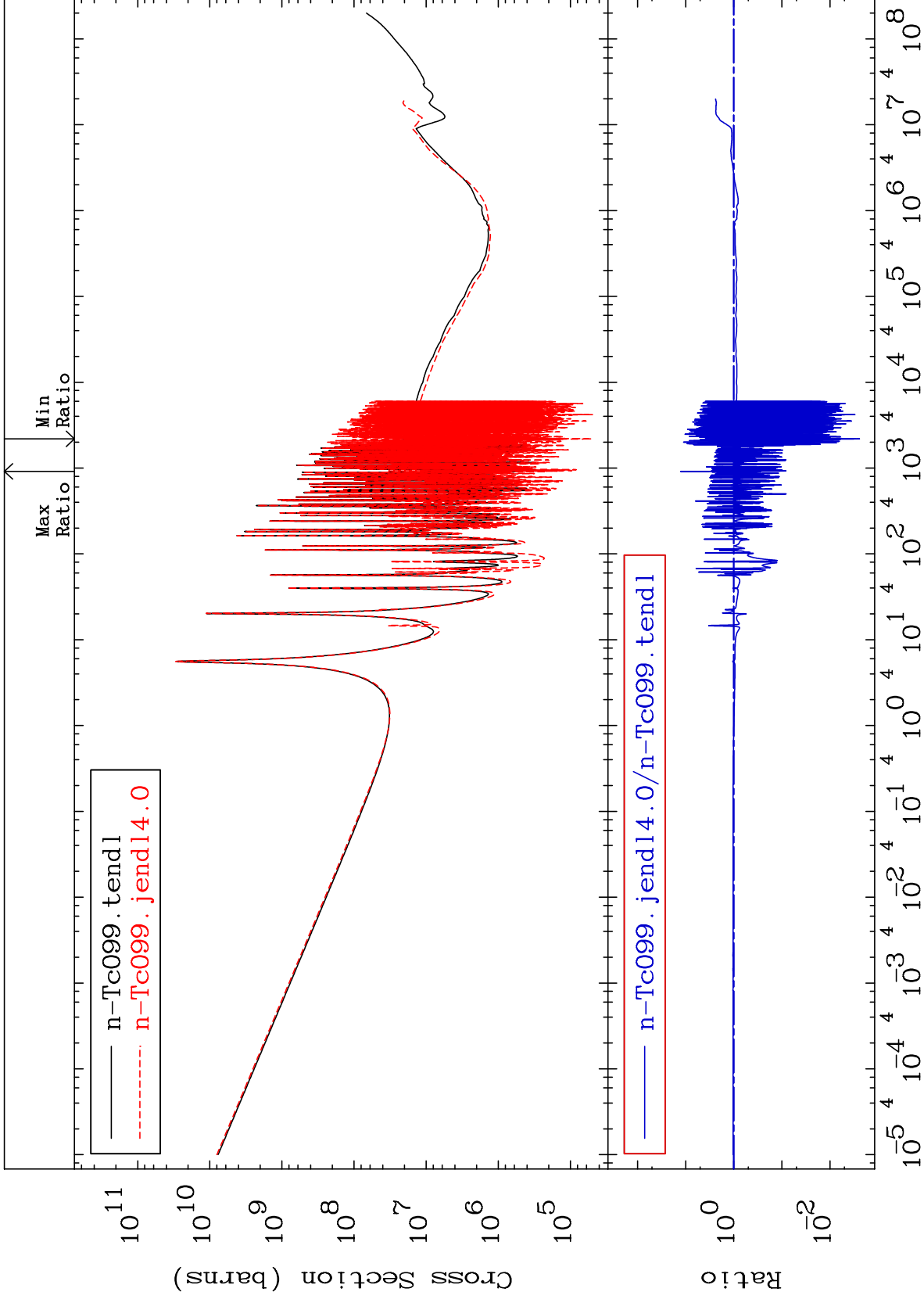


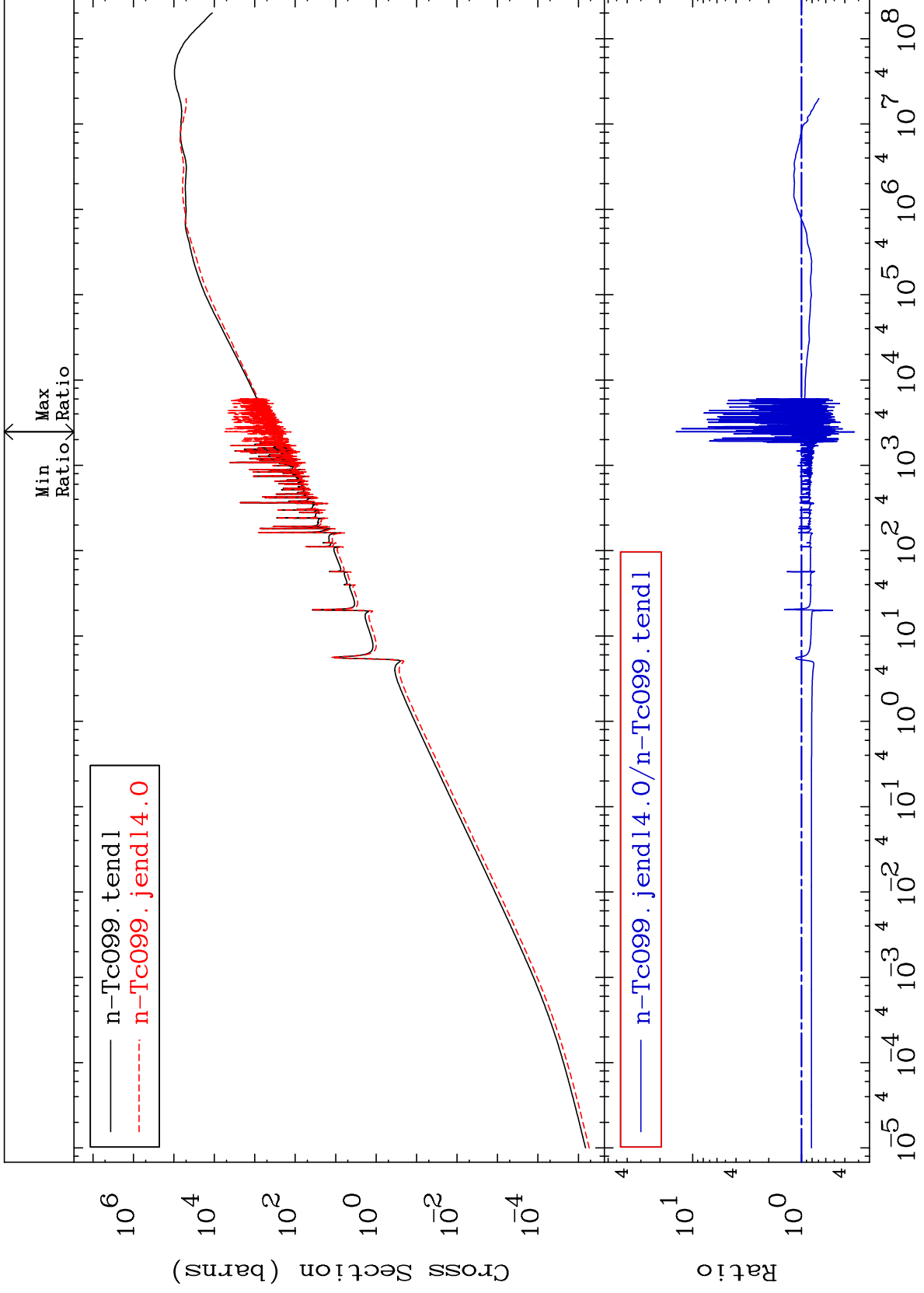


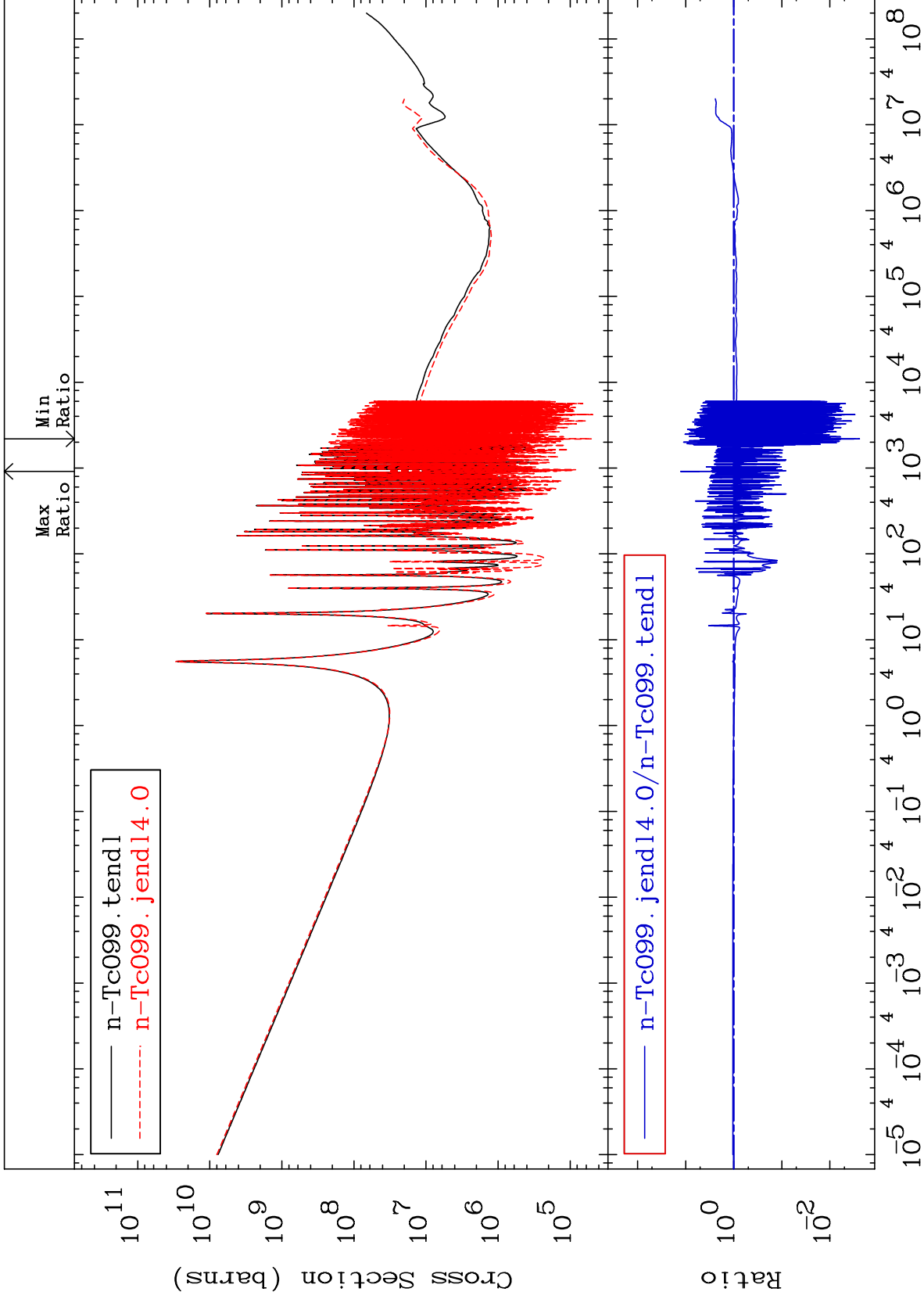


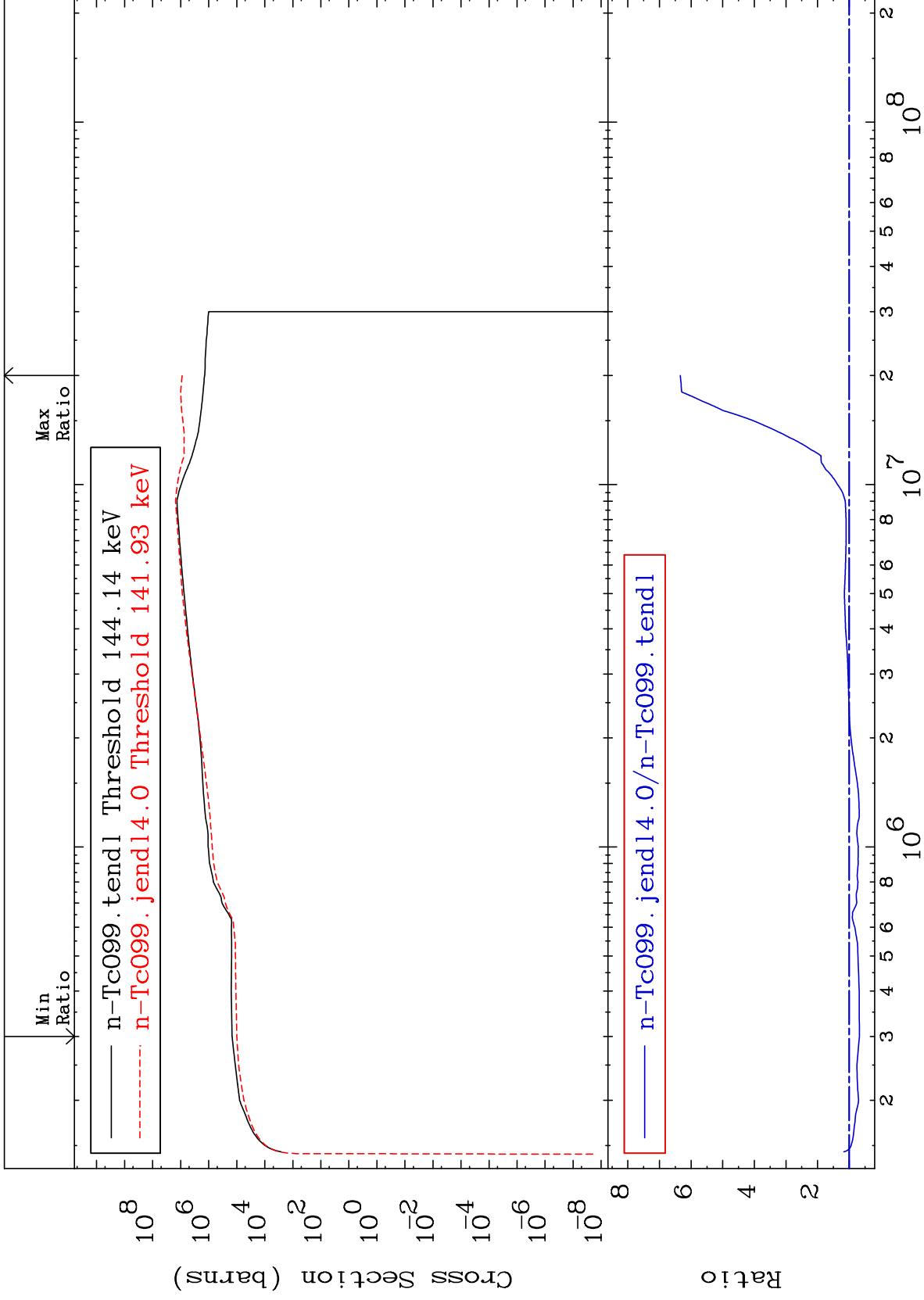
Cross Section

-99.76 To 1189. %





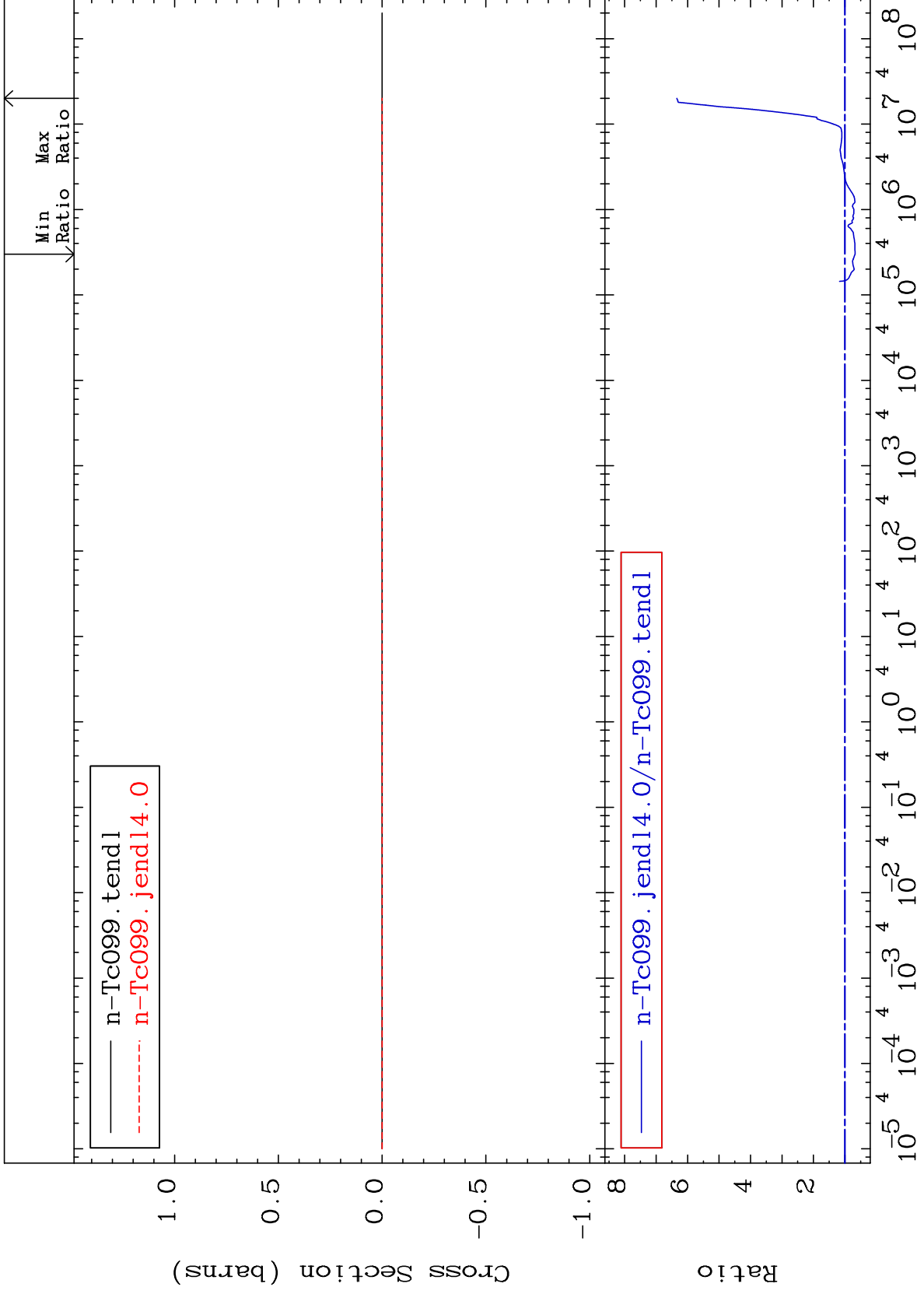




MAT 4325

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

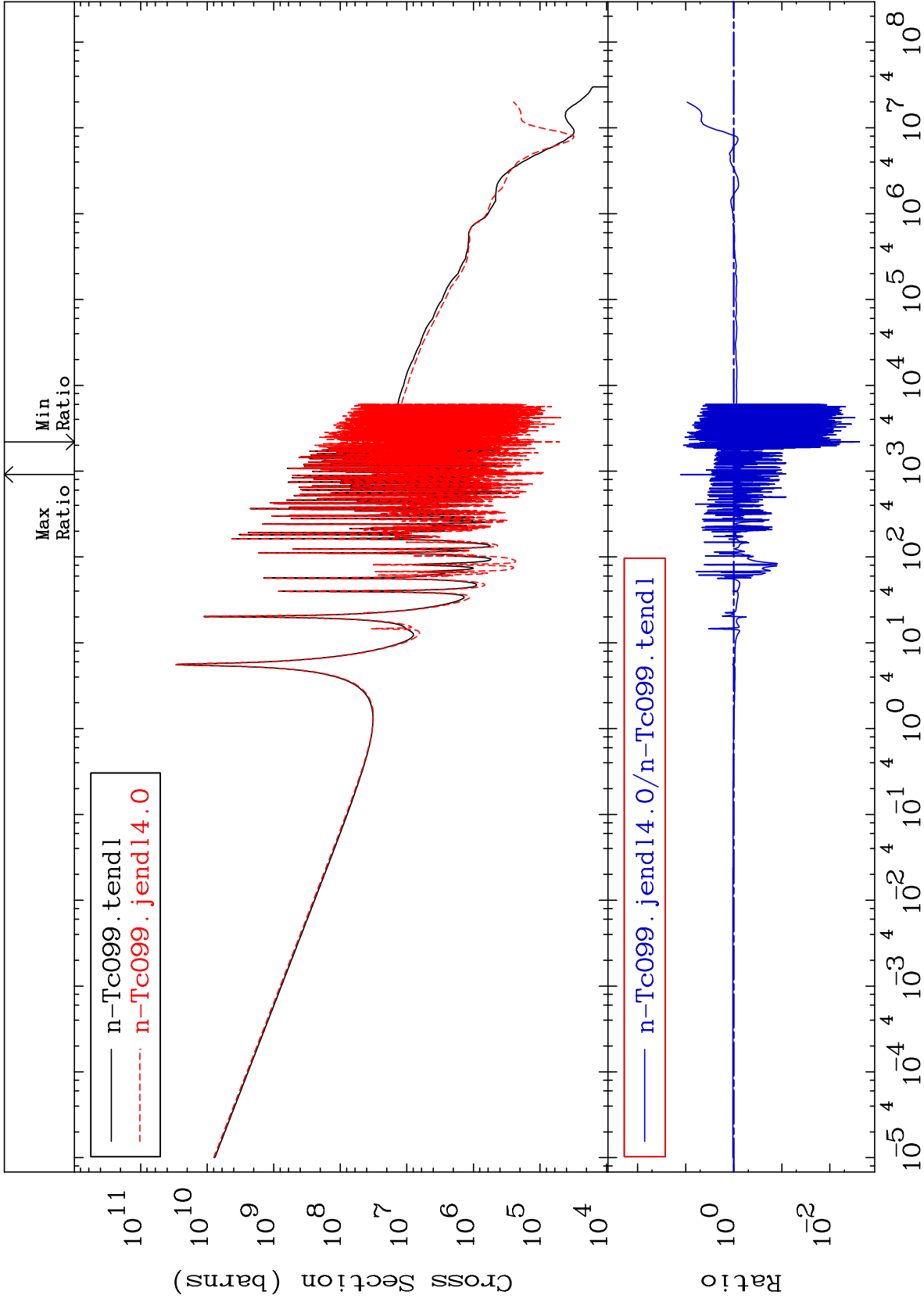
43-Tc-99
-32.38 To 533.9 %

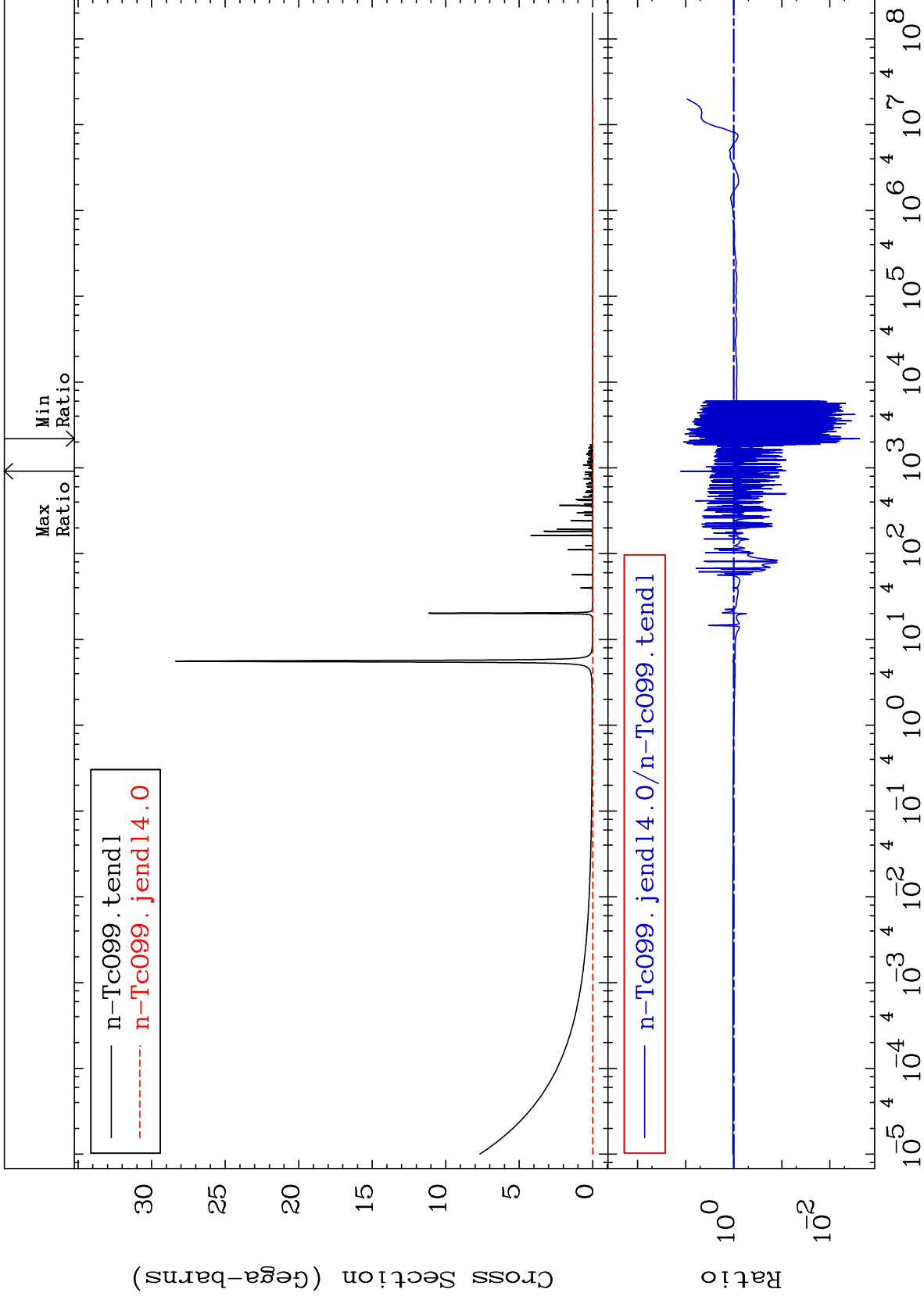


Incident Energy (eV)

43-Tc-99

42





MAT 4325

Total kinematic kerma (high limit)
Cross Section

43-Tc-99
-100.0 To -74.71%

