

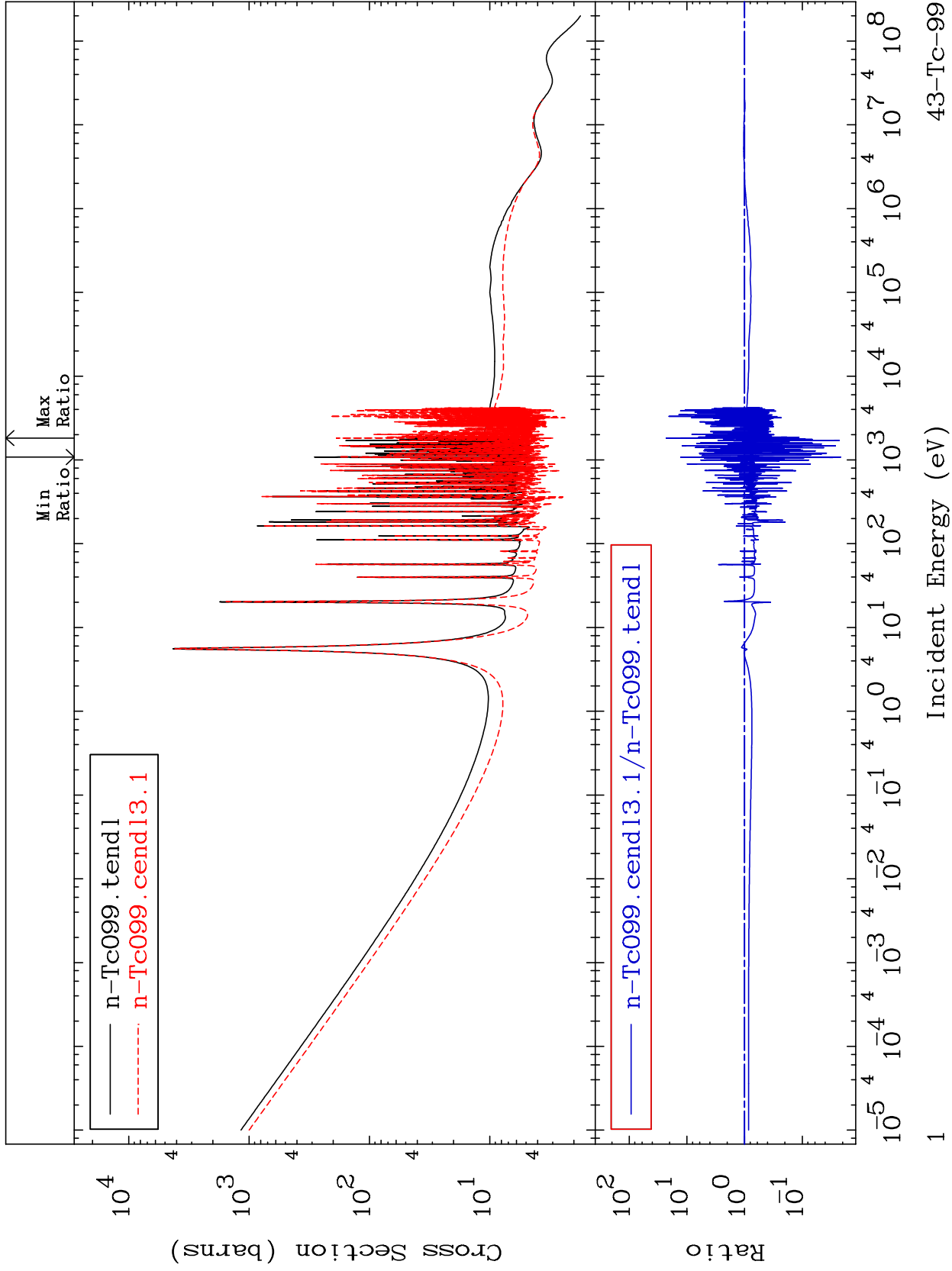
MAT 4325

Total

43-Tc-99

Cross Section

-97.86 To 2210. %

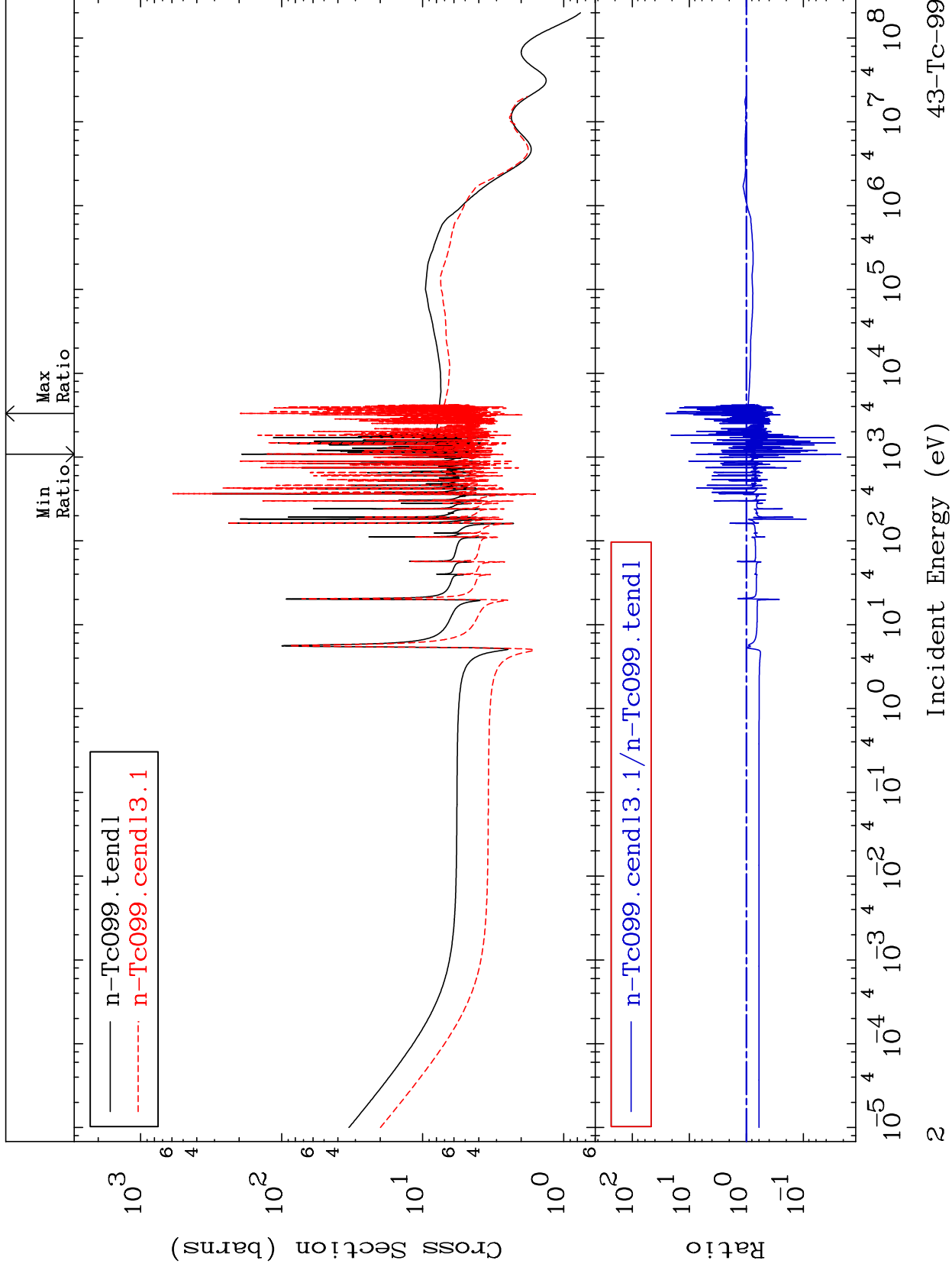


43-Tc-99

MAT 4325

Elastic
Cross Section

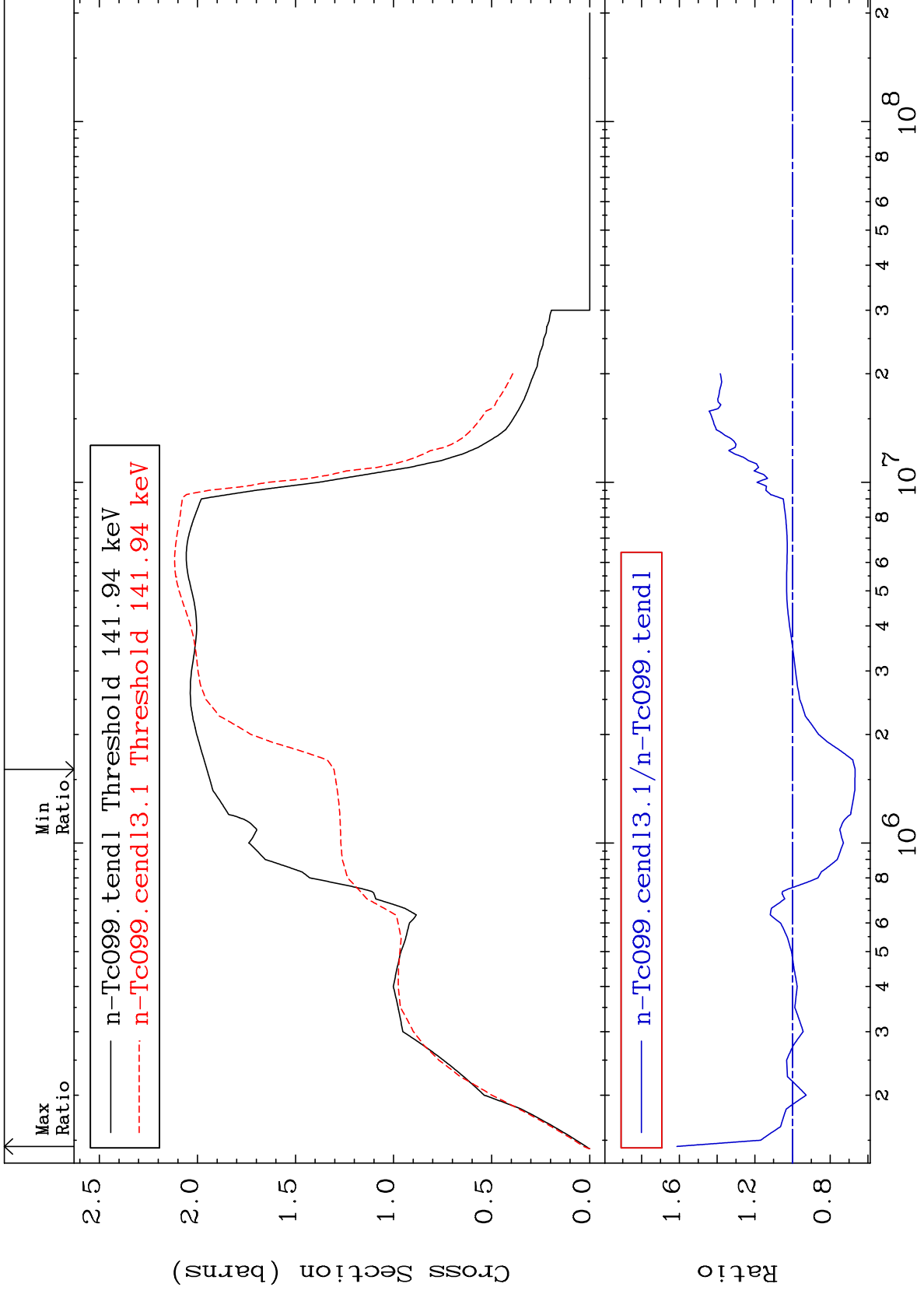
43-Tc-99
-97.79 To 2463. %



MAT 4325

Inelastic
Cross Section

43-Tc-99
-33.20 To 61.31 %



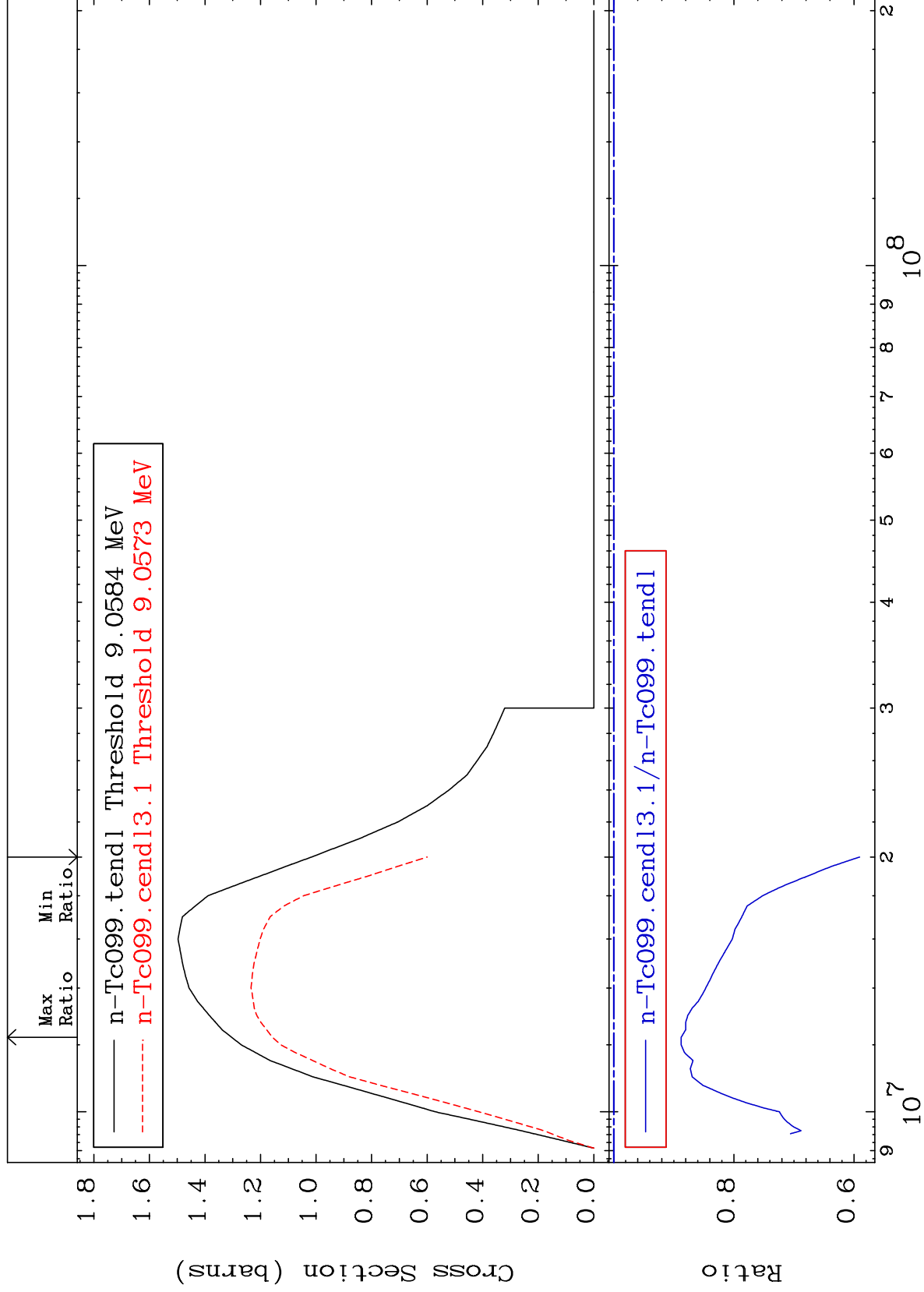
MAT 4325

(n,2n)

43-Tc-99

Cross Section

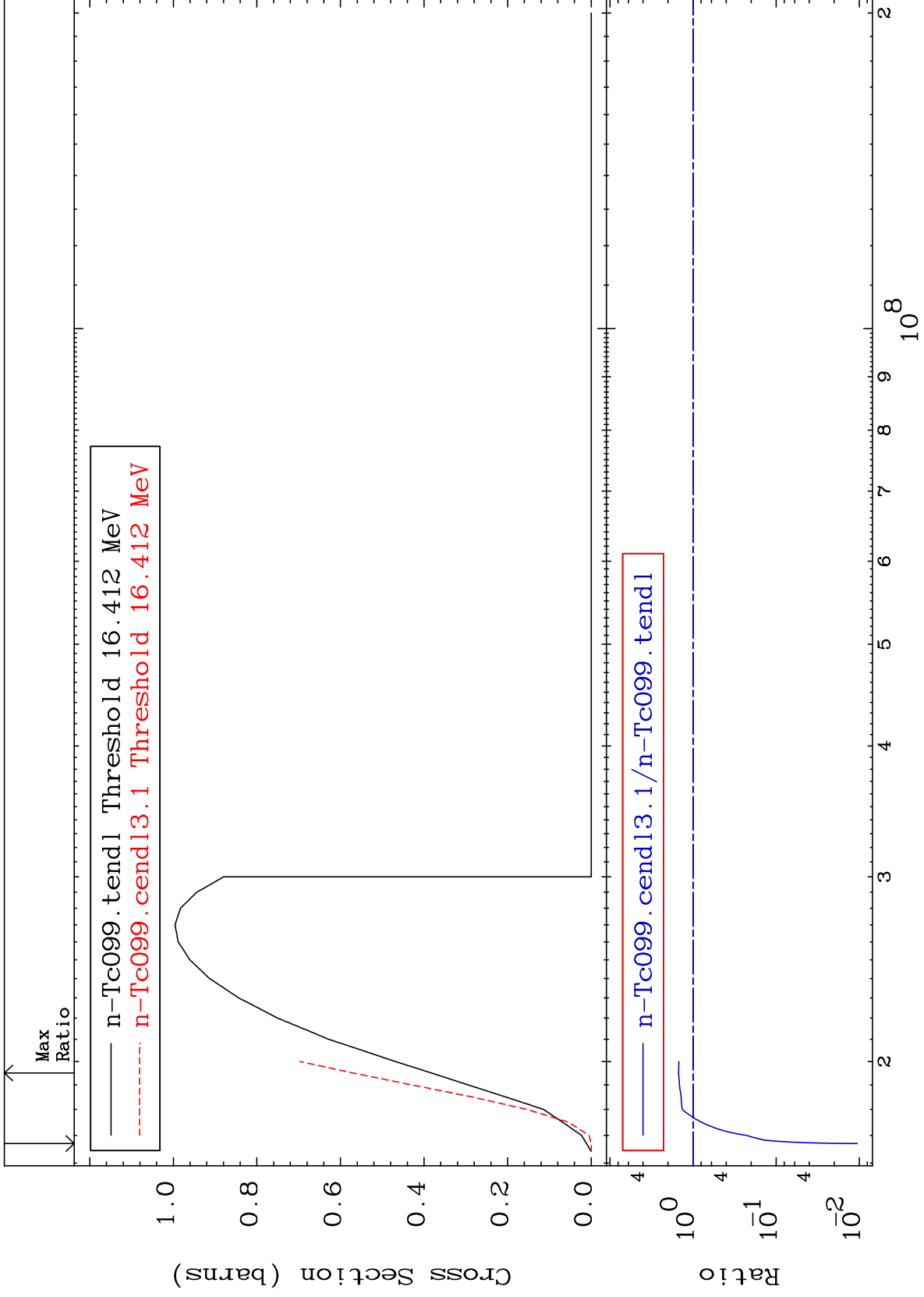
-40.94 To -11.23%



MAT 4325

(n,3n)
Cross Section

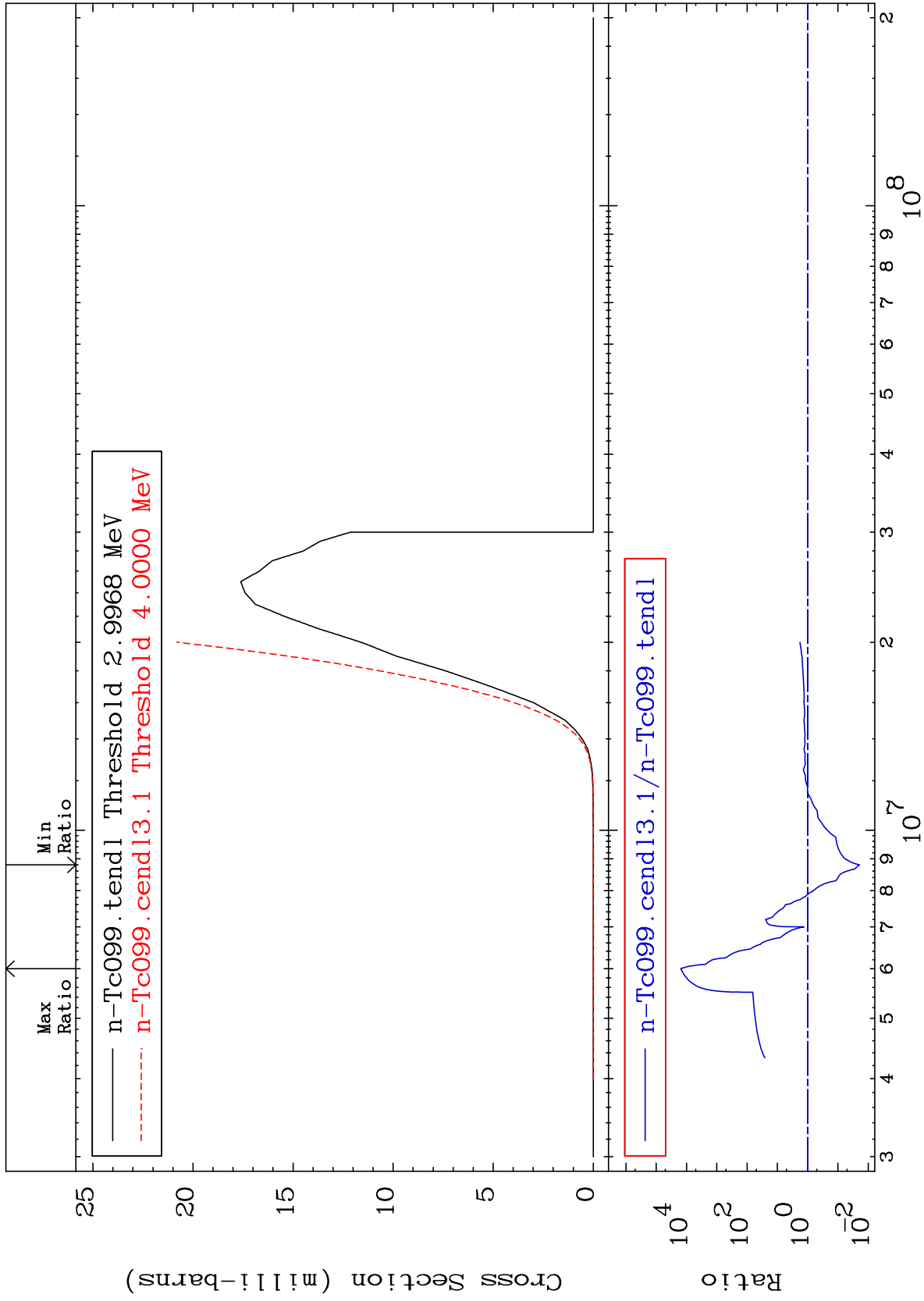
43-Tc-99
-98.94 To 49.10 %



MAT 4325

(n,n') α
Cross Section

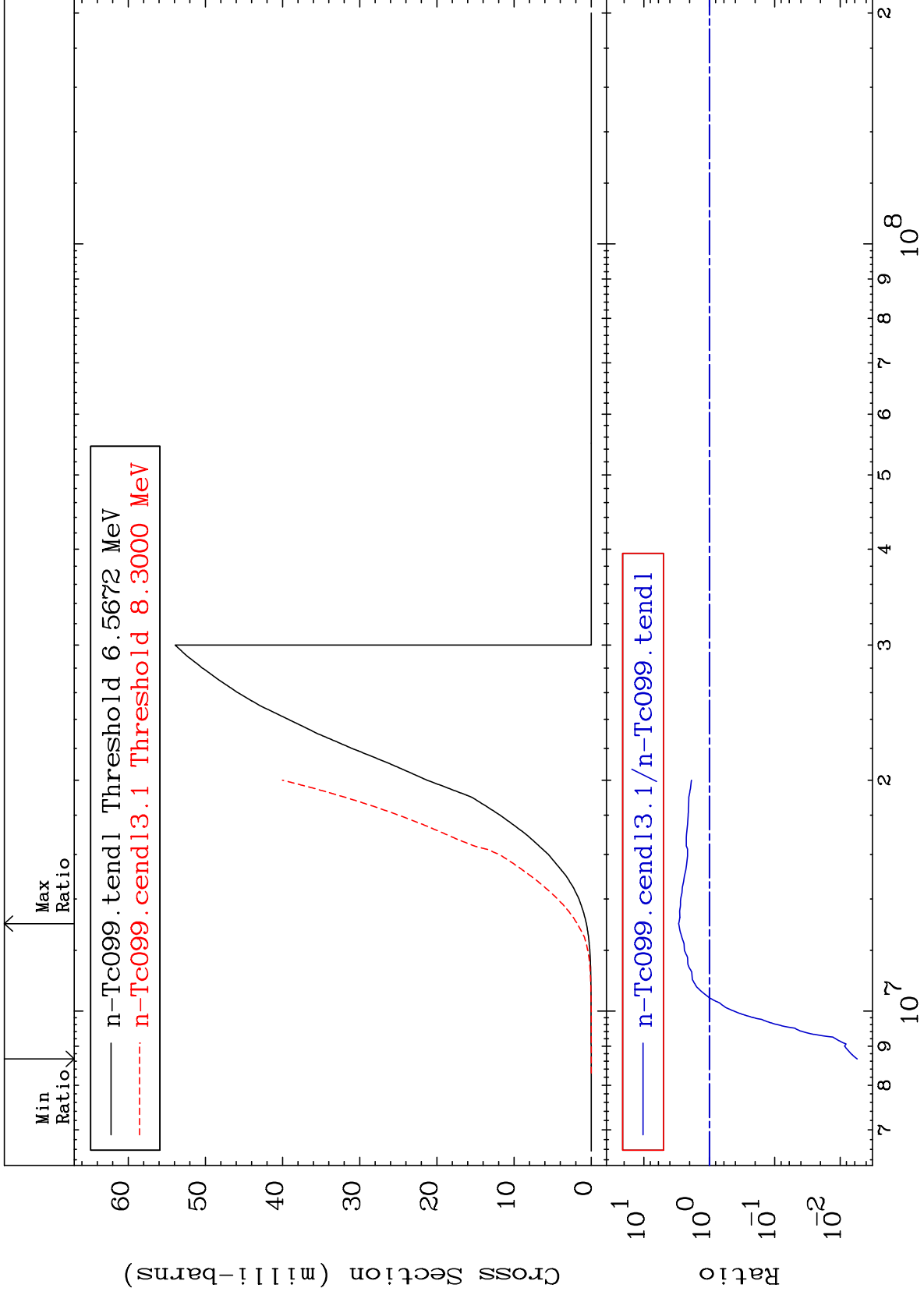
43-Tc-99
-98.06 To 9999. %



MAT 4325

(n,n') p
Cross Section

43-Tc-99
-99.45 To 194.5 %



7

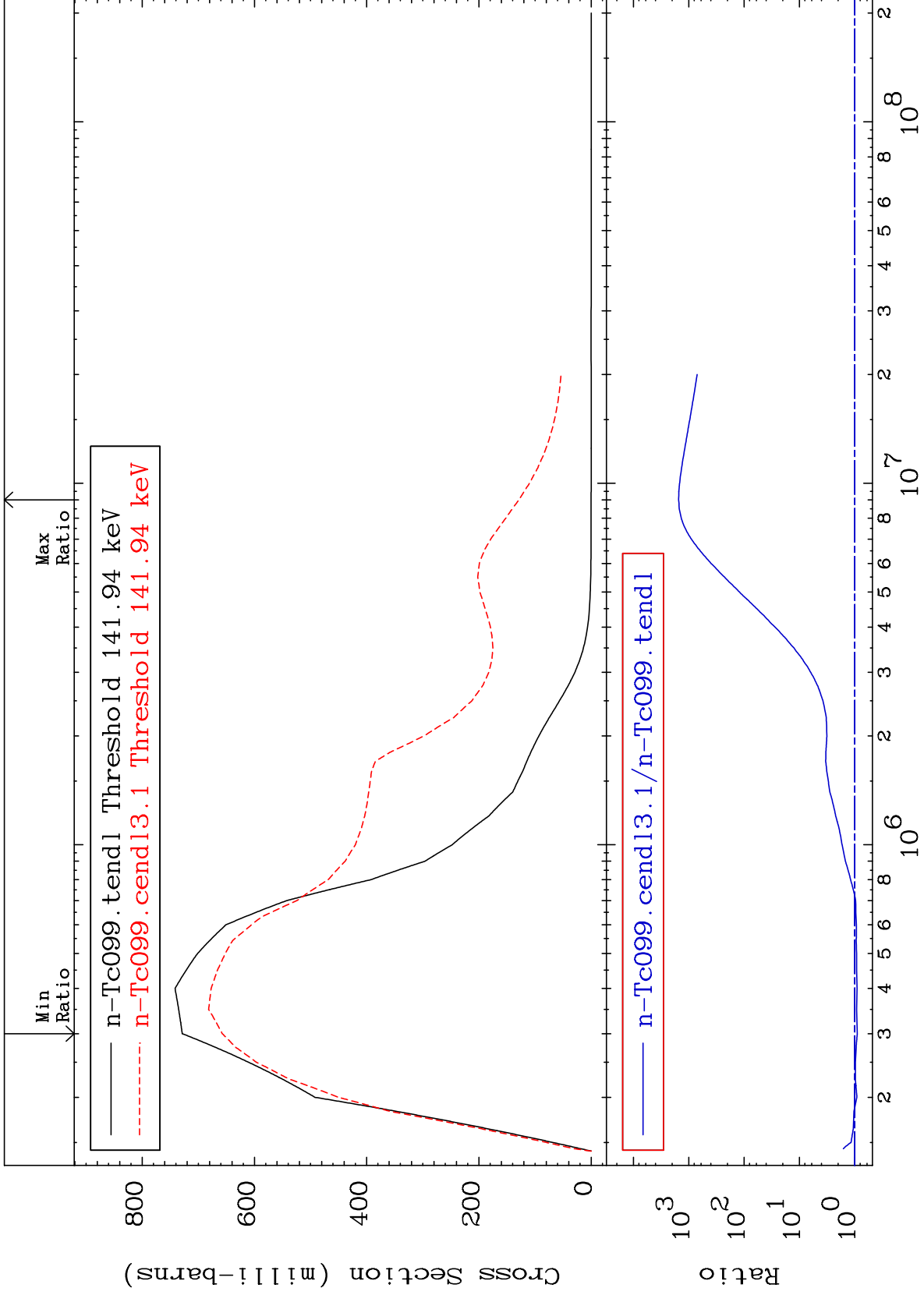
Incident Energy (eV)

43-Tc-99

MAT 4325

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

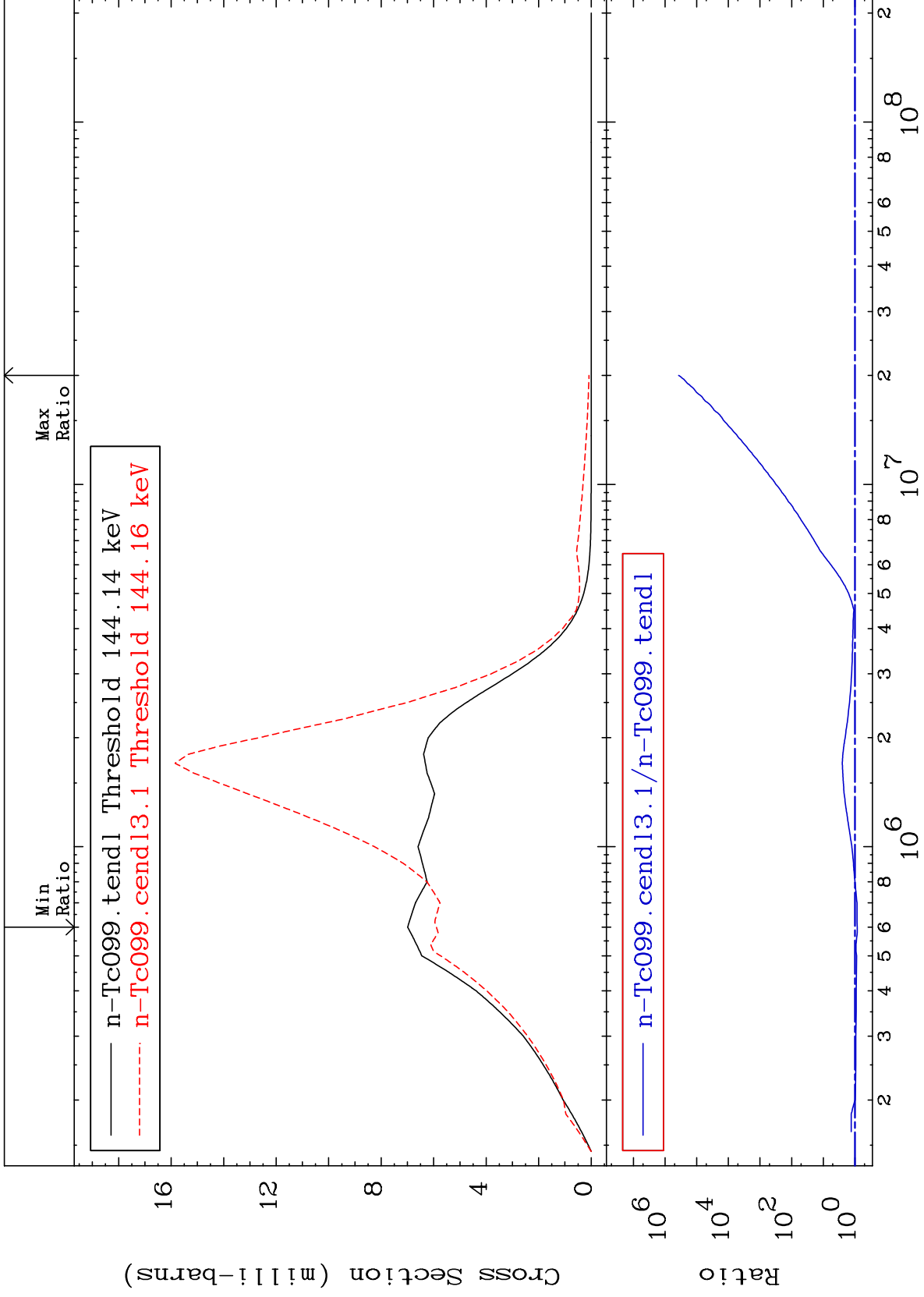
43-Tc-99
-9.786 To 9999. %



MAT 4325

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

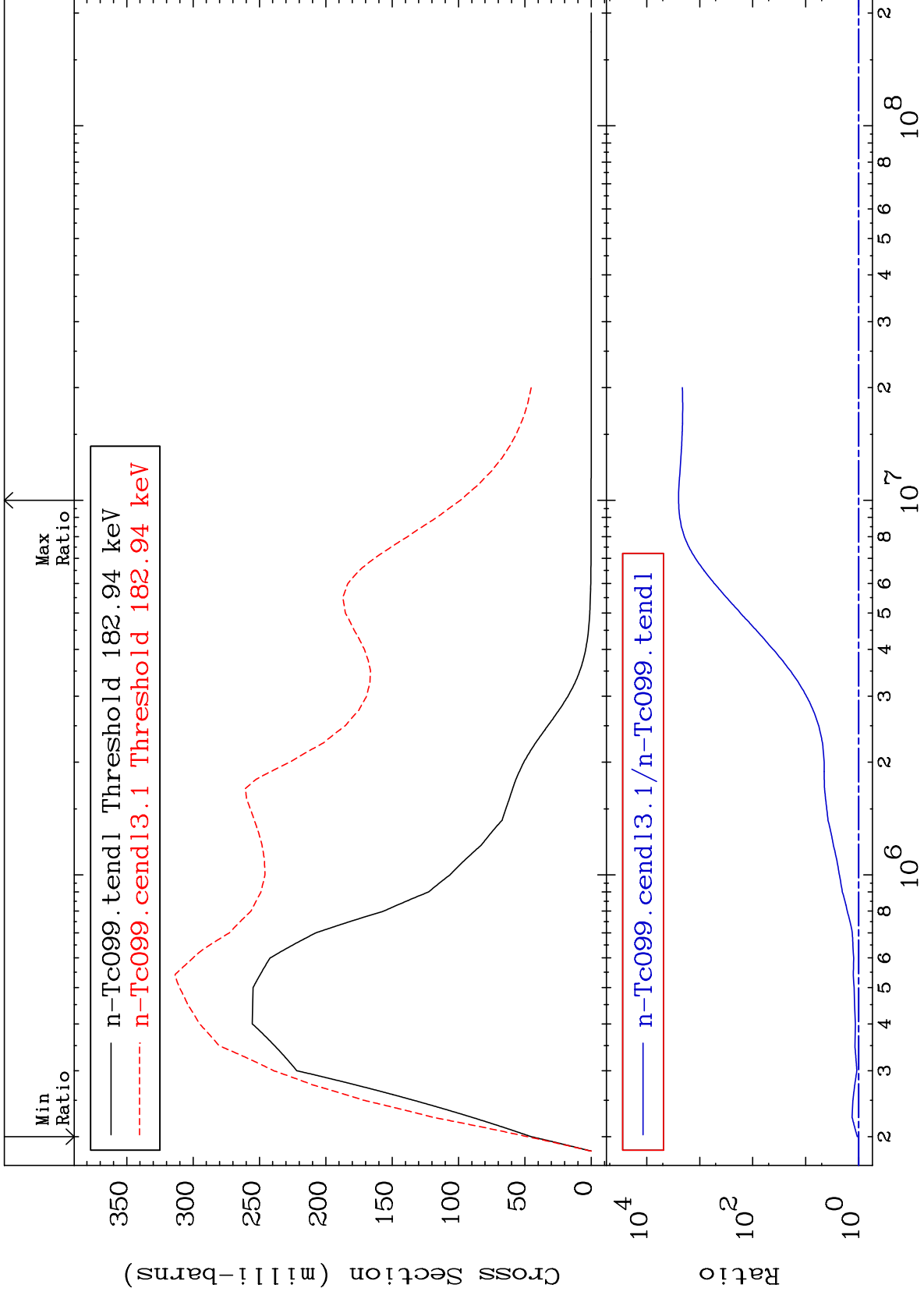
43-Tc-99
-15.65 To 9999. %



MAT 4325

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

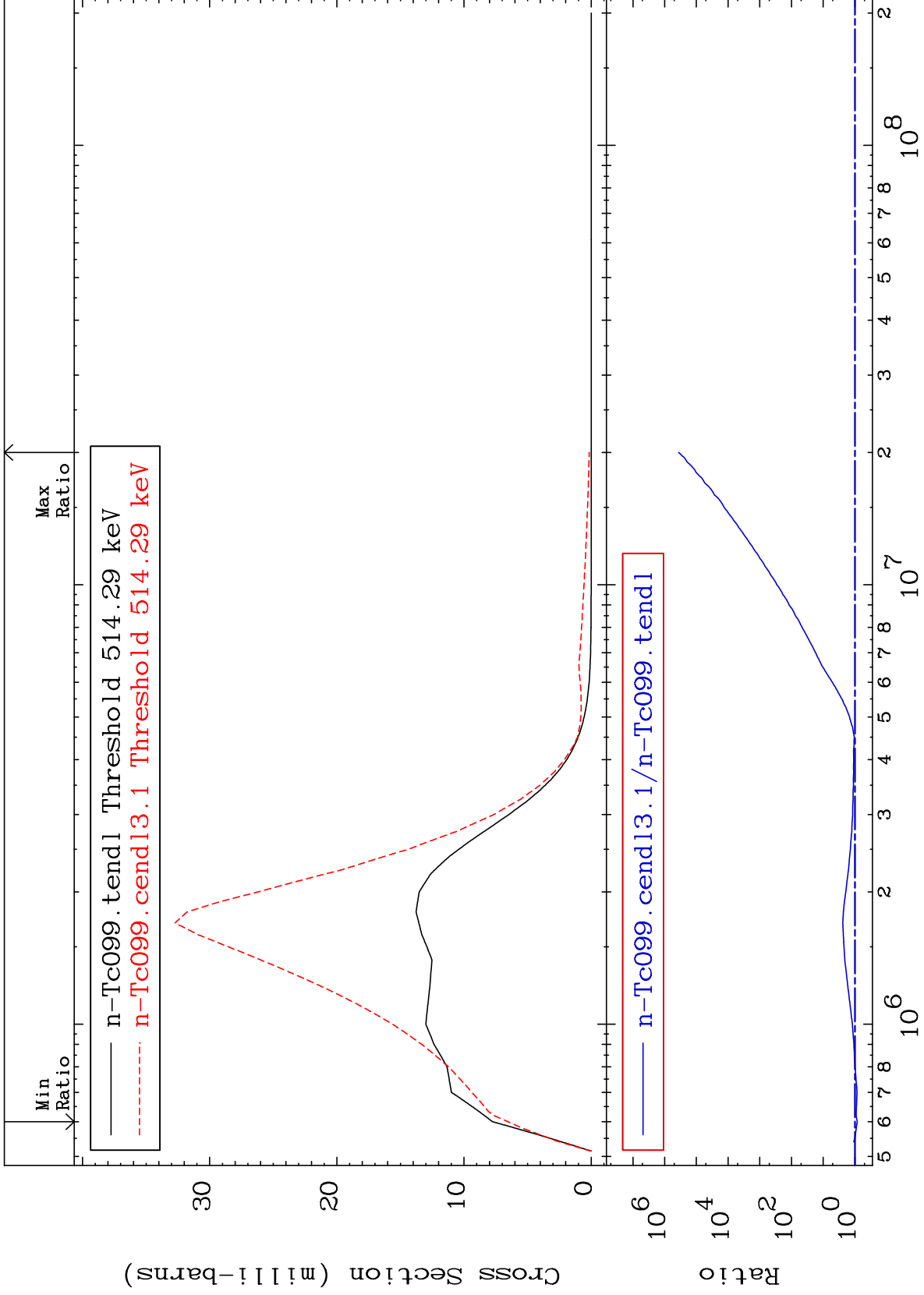
43-Tc-99
6.058 To 9999. %



MAT 4325

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

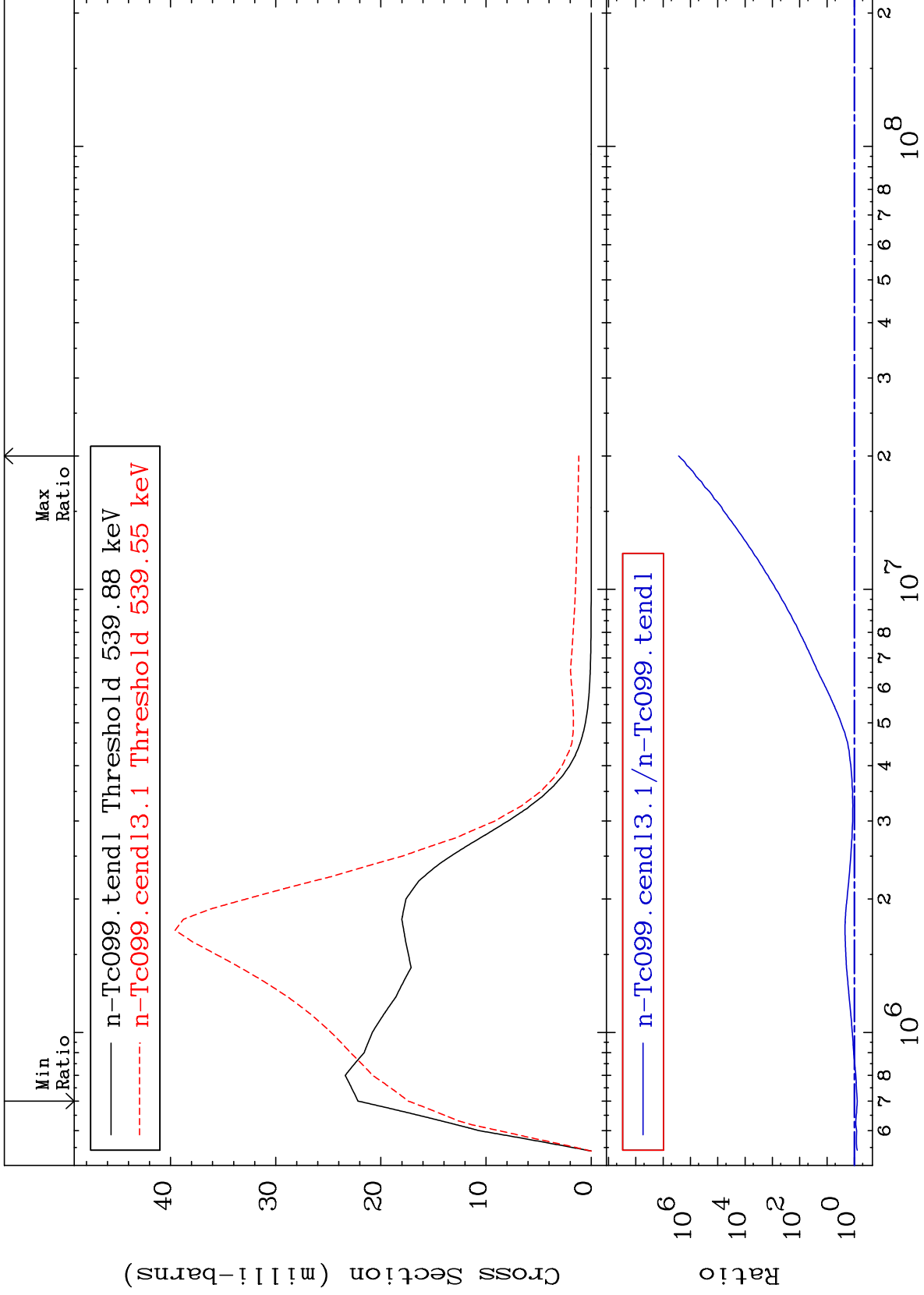
43-Tc-99
-15.67 To 9999. %



MAT 4325

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

43-Tc-99
-21.61 To 9999. %



12

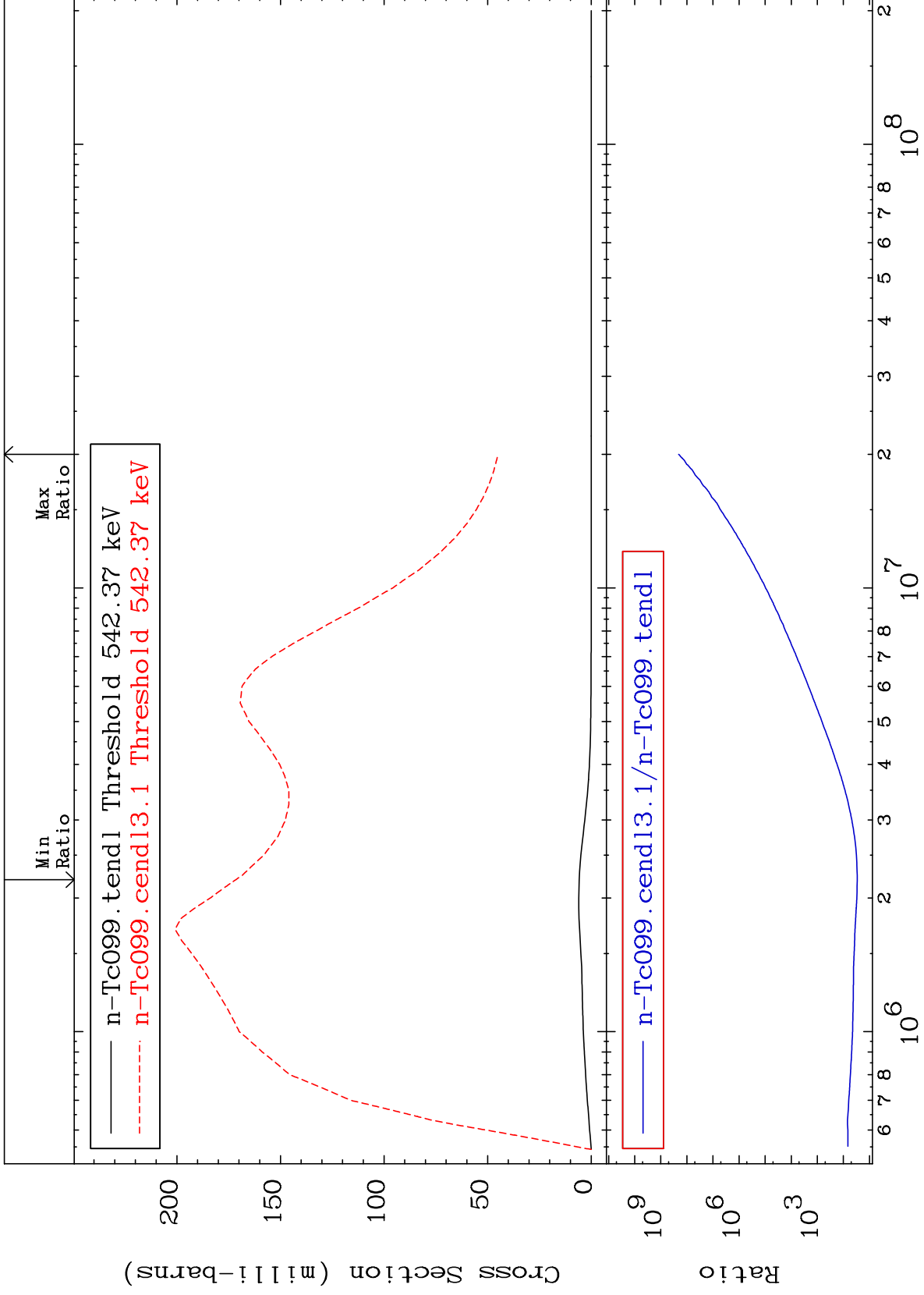
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
2841. To 9999. %



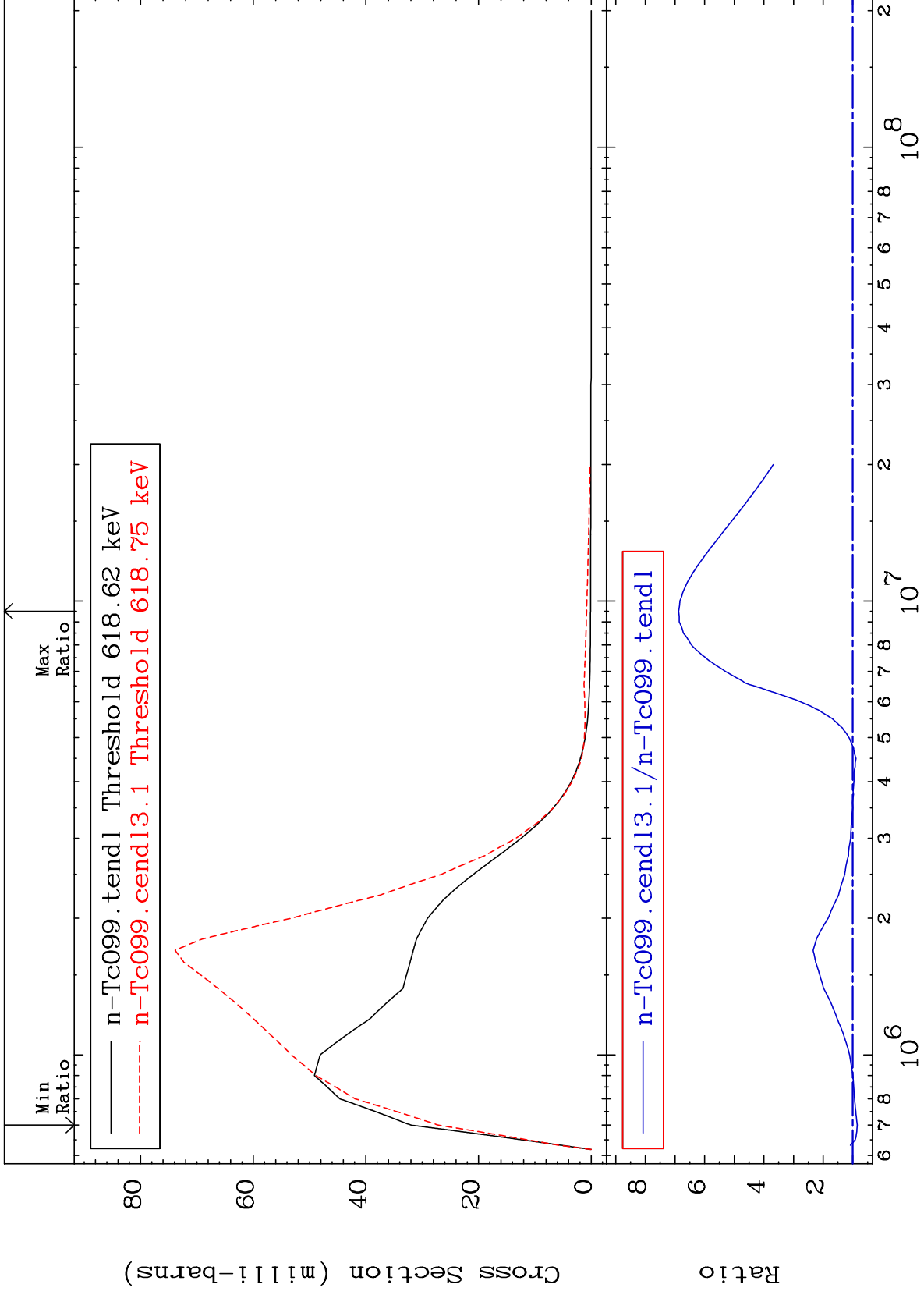
13

43-Tc-99

MAT 4325

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

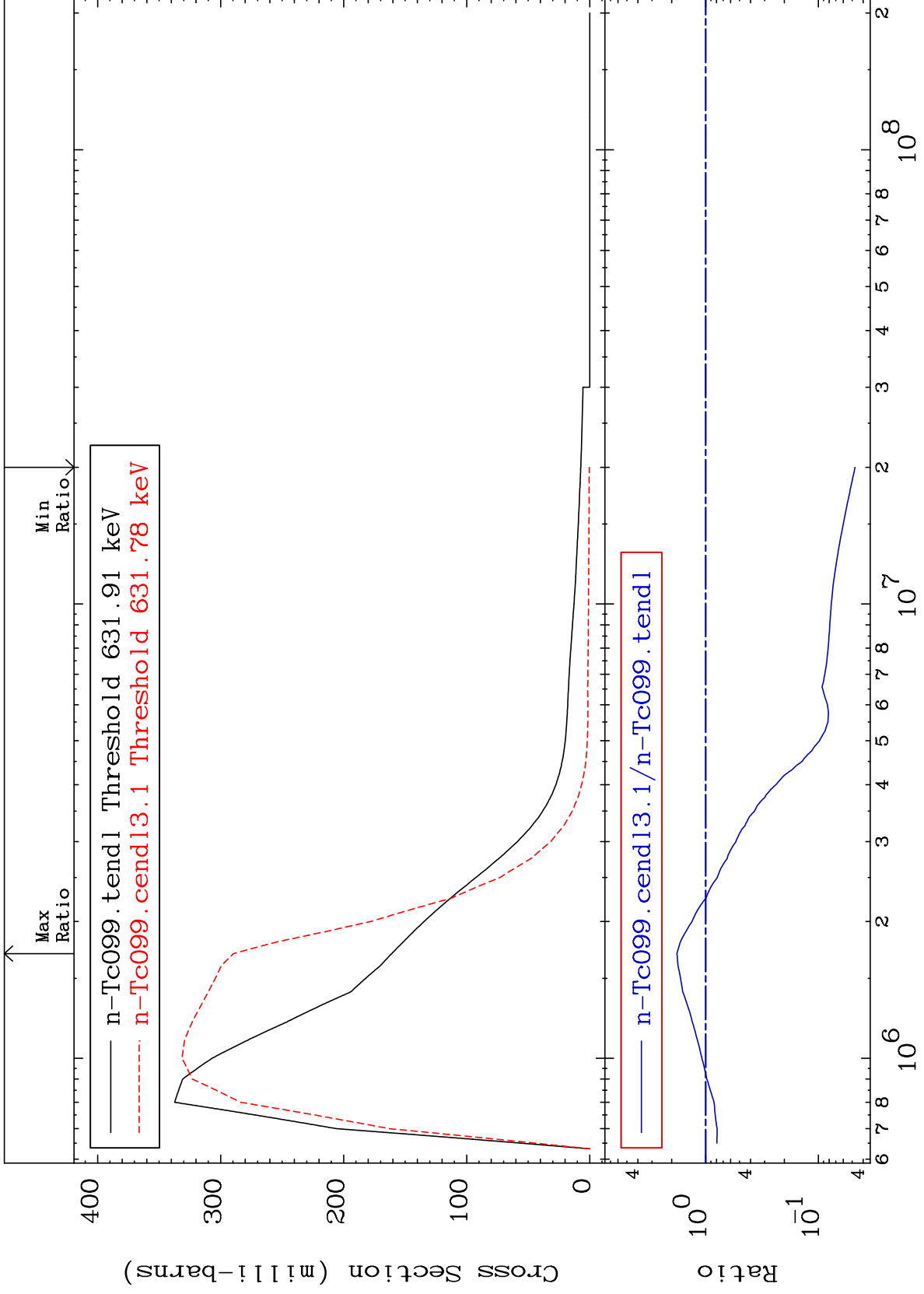
43-Tc-99
-15.13 To 587.7 %



MAT 4325

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

43-Tc-99
-95.28 To 79.85 %



15

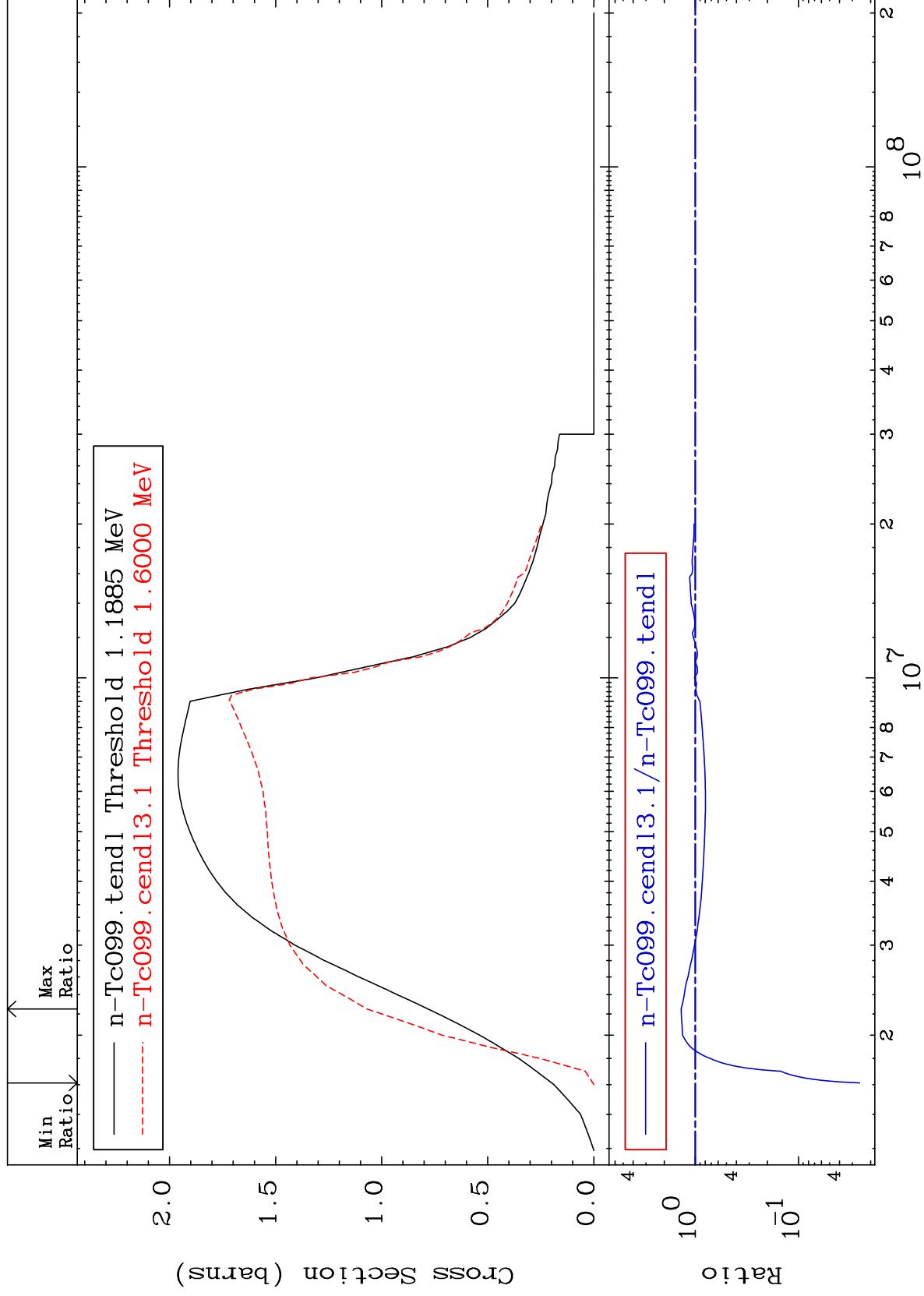
Incident Energy (eV)

43-Tc-99

MAT 4325

(n, n') Continuum
Cross Section

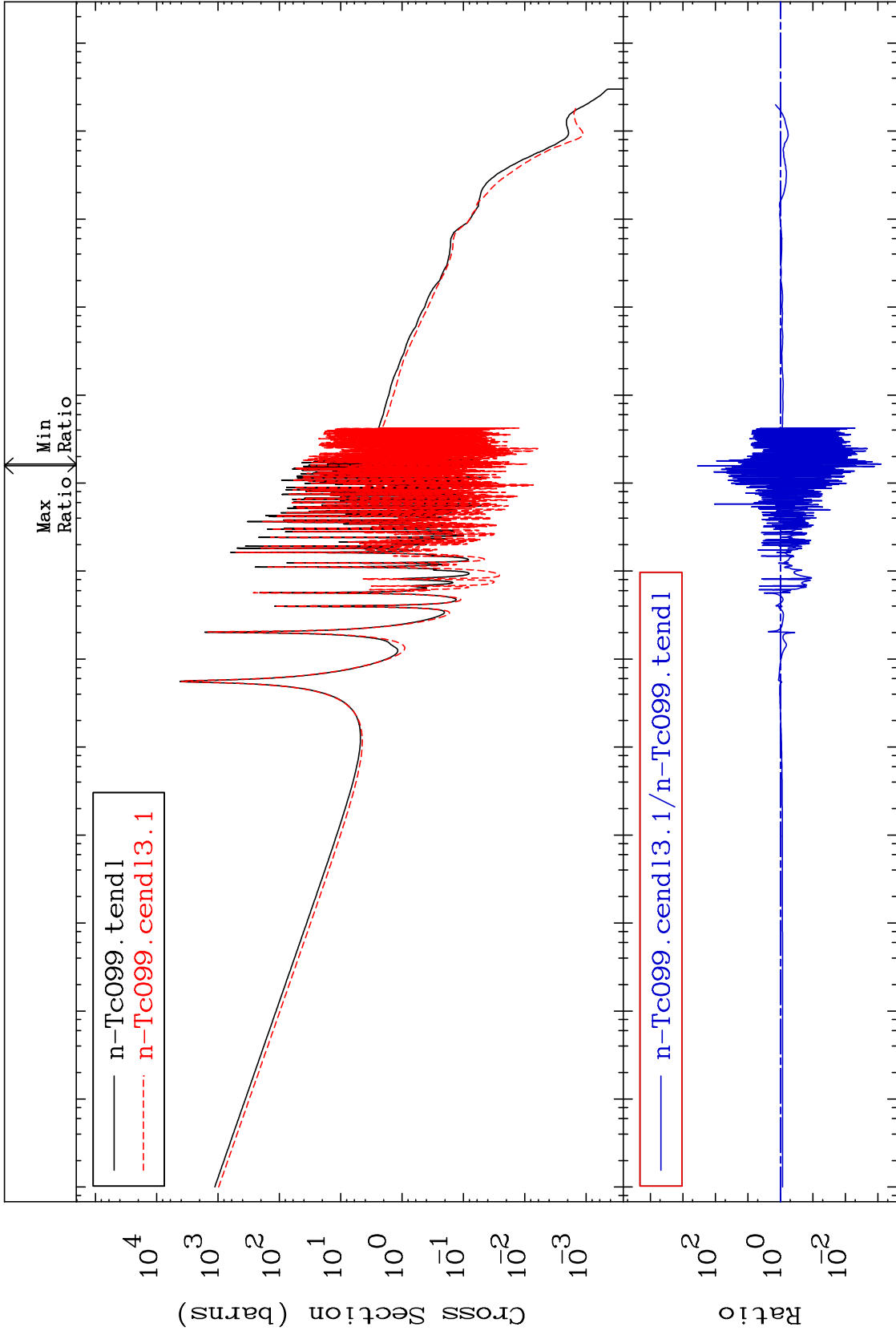
43-Tc-99
-97.45 To 36.97 %



MAT 4325

(n, γ)
Cross Section

43-Tc-99
-99.92 To 9999. %



43-Tc-99

Incident Energy (eV)

17

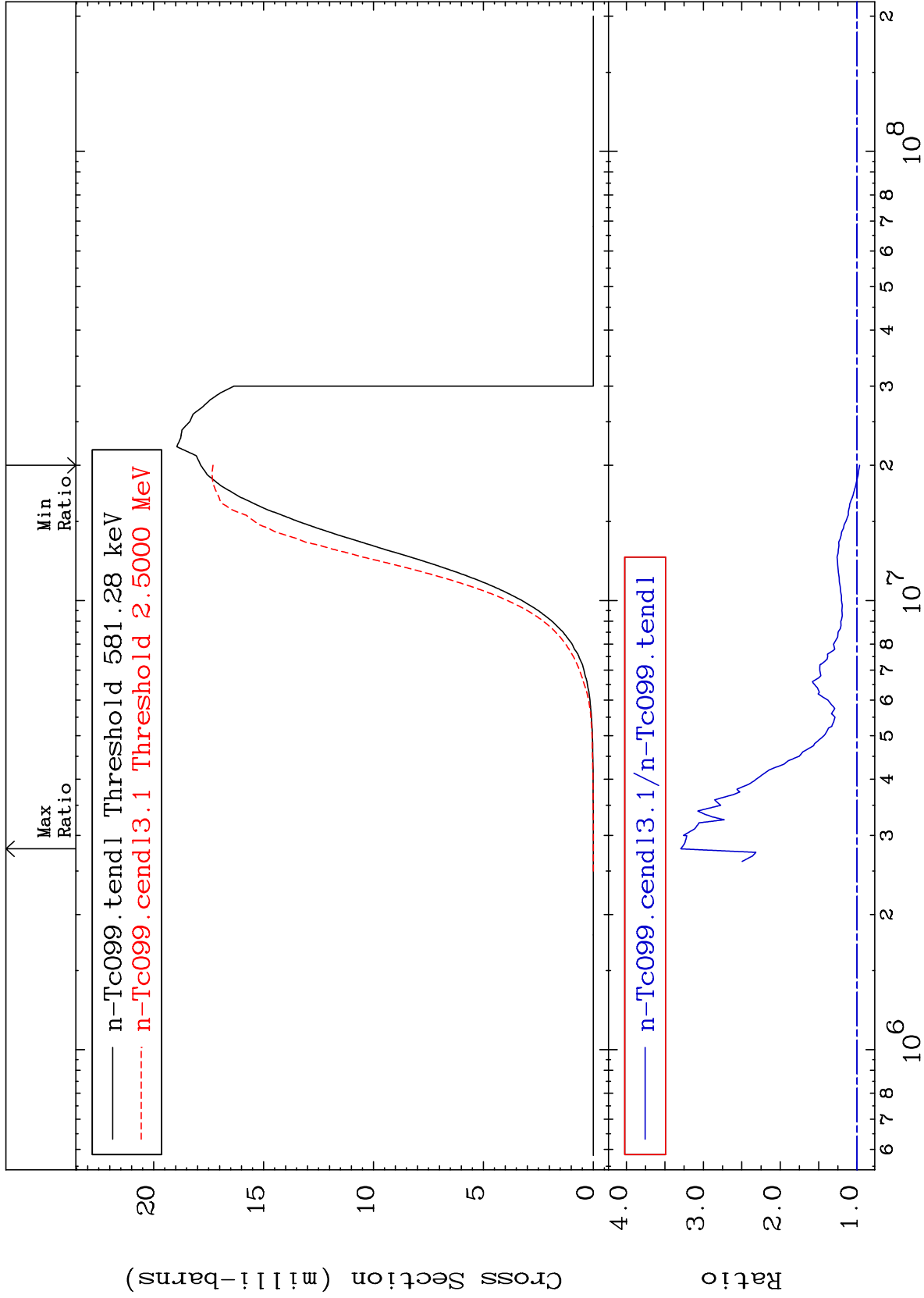
MAT 4325

(n, p)

43-Tc-99

Cross Section

-3.129 To 229.3 %



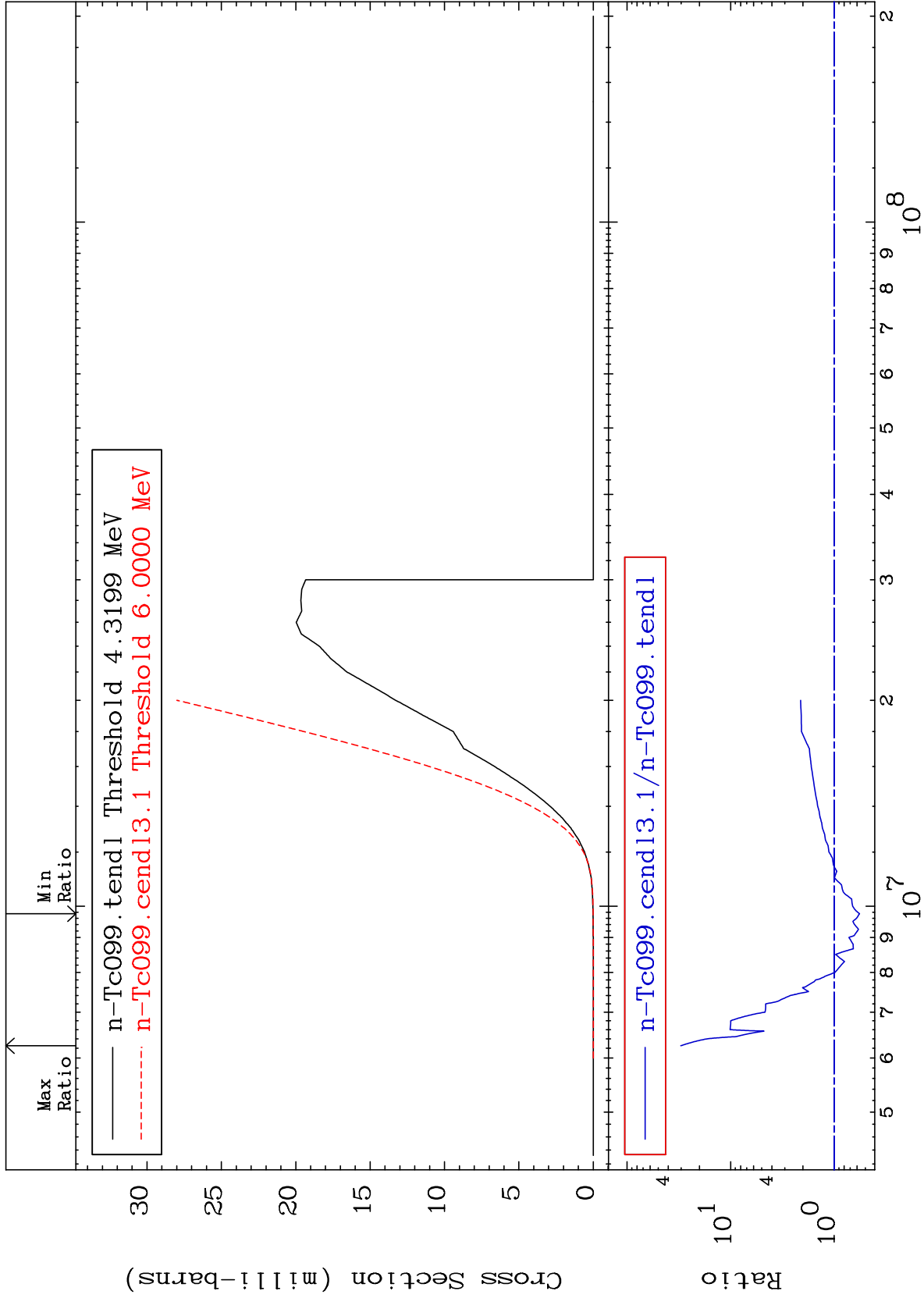
18

Incident Energy (eV)

43-Tc-99

Cross Section

-43.15 To 2929. %



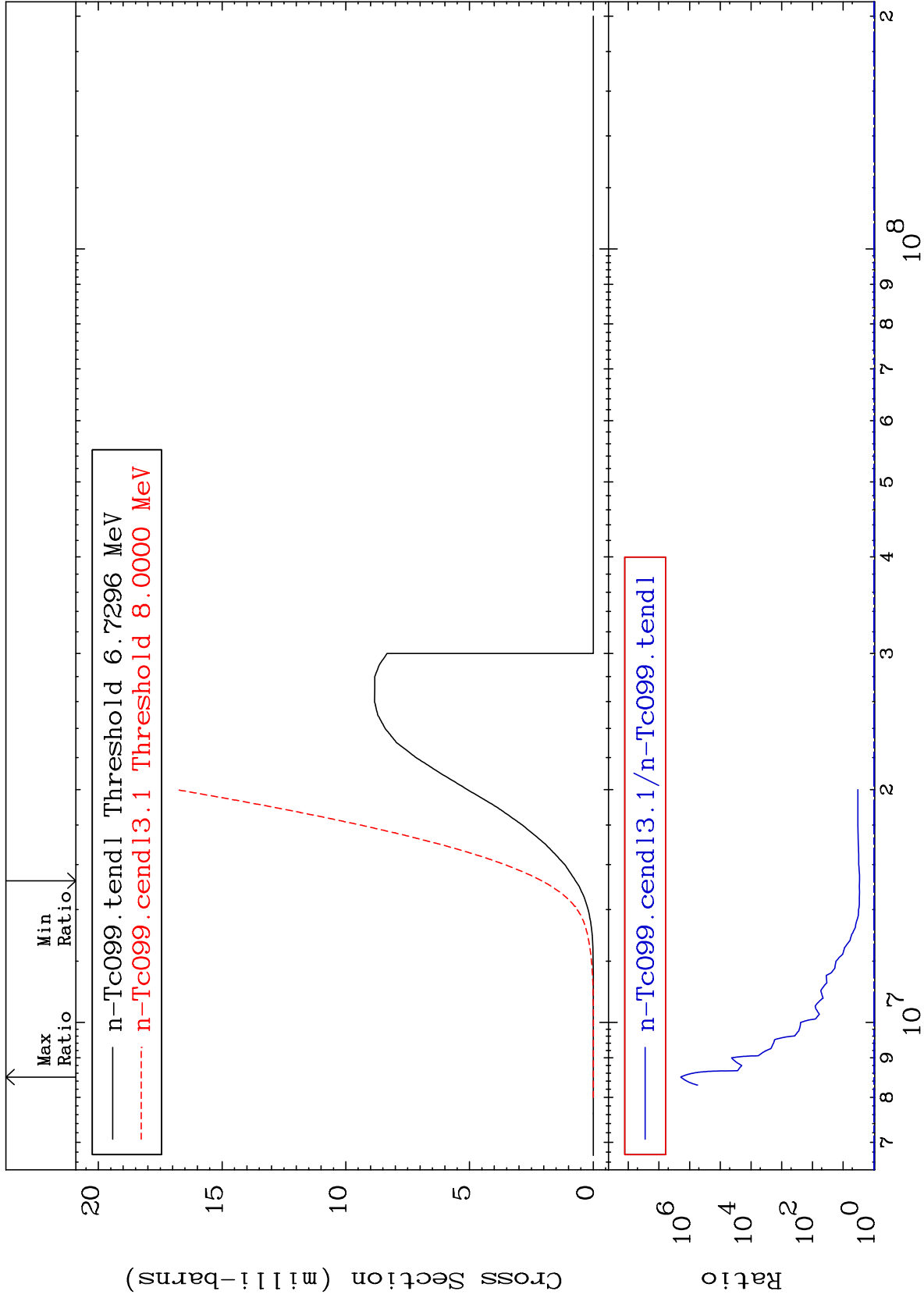
MAT 4325

(n, t)

⁴³Tc-99

Cross Section

191.6 To 9999. %



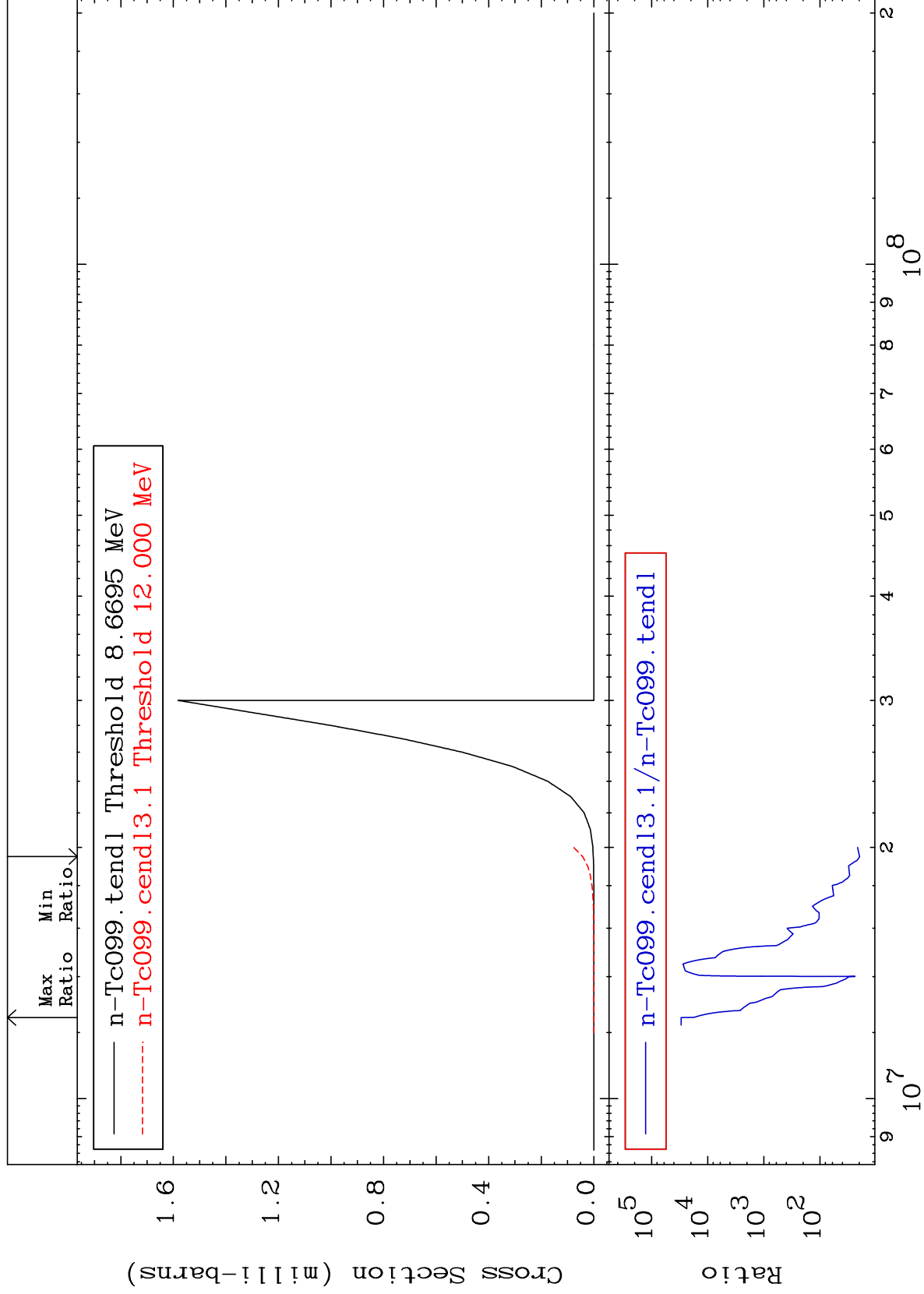
MAT 4325

(n, He-3)

43-Tc-99

Cross Section

1869. To 9999. %



21

Incident Energy (eV)

43-Tc-99

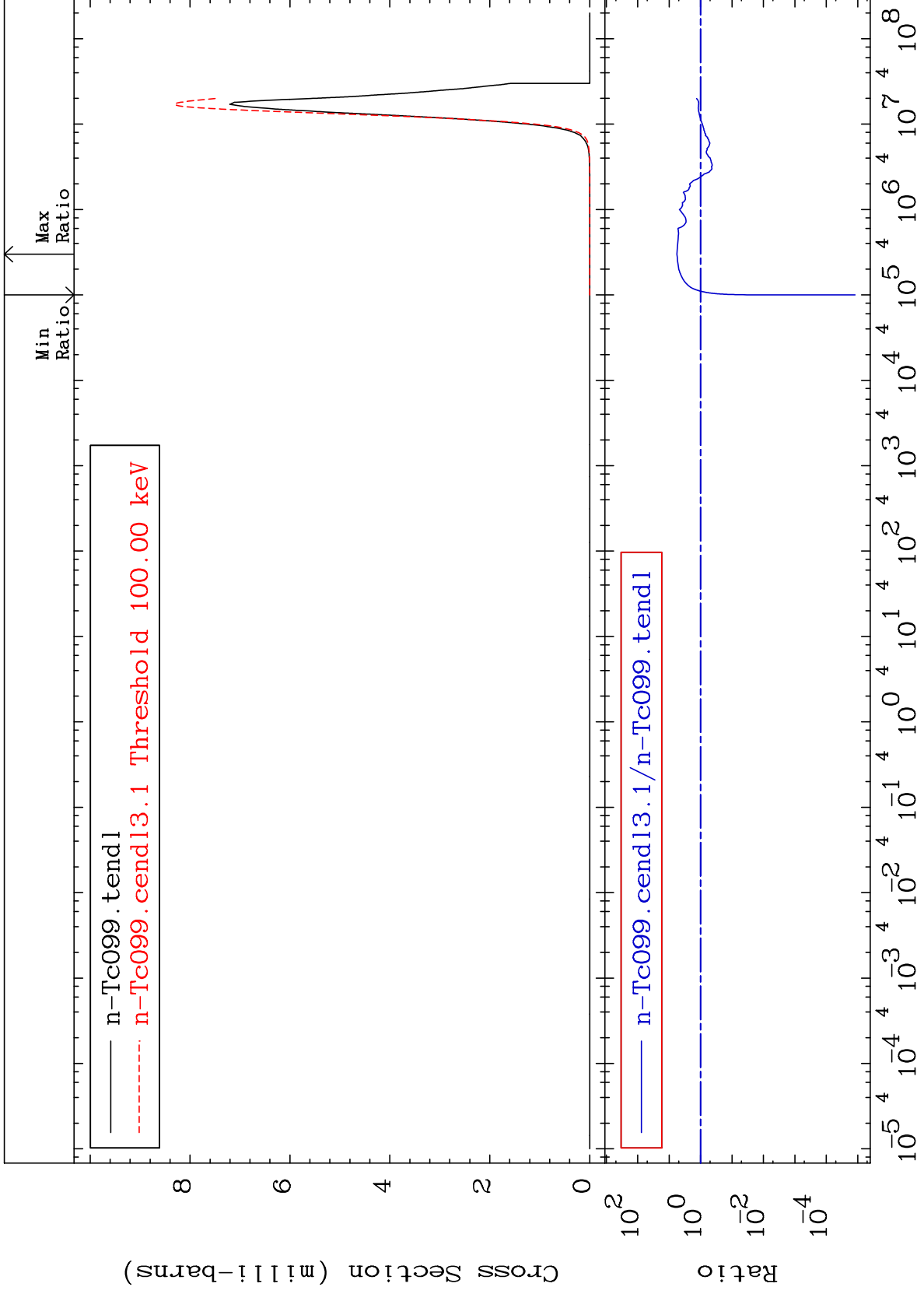
MAT 4325

(n, α)

43-Tc-99

Cross Section

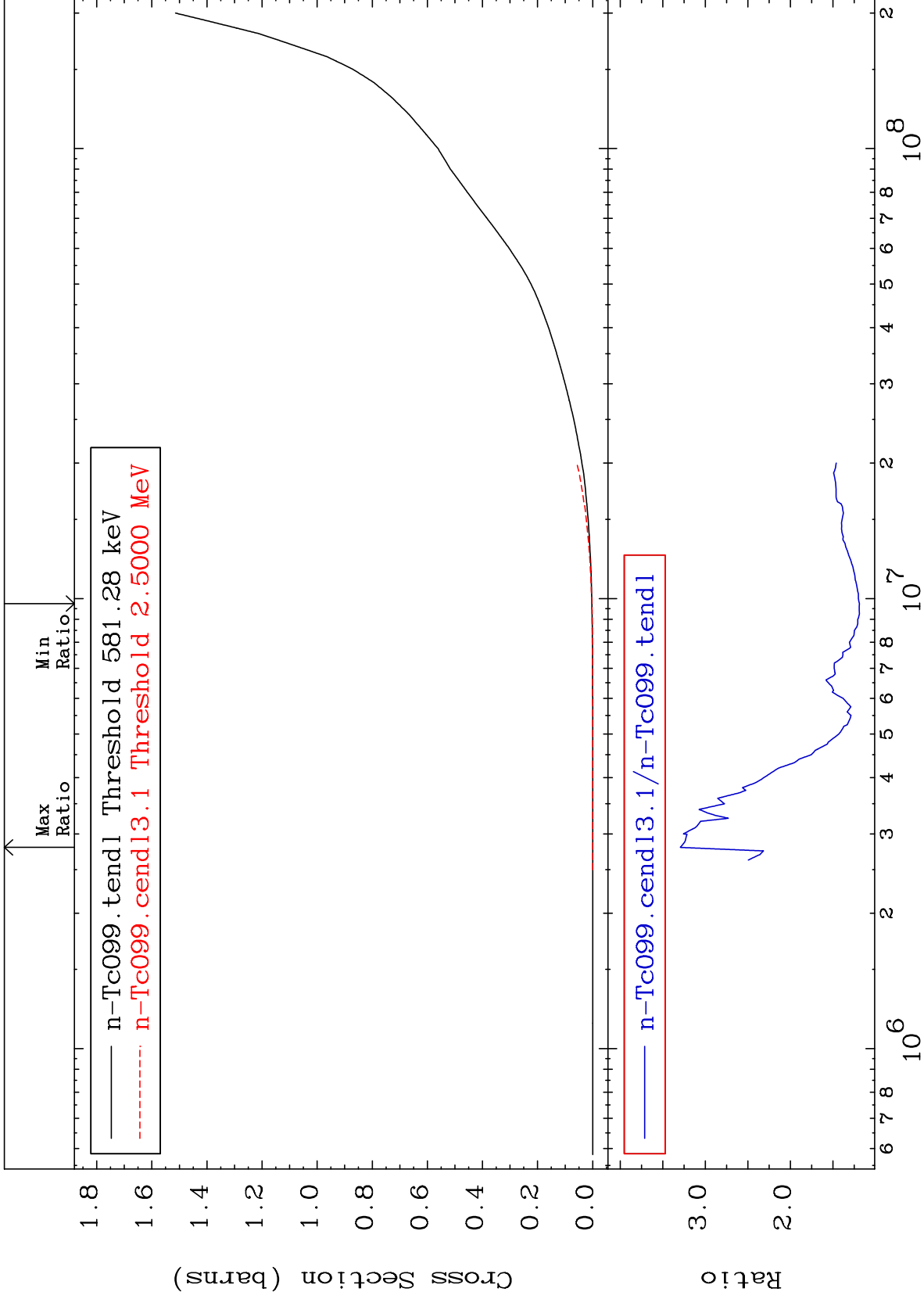
-100.0 To 467.2 %

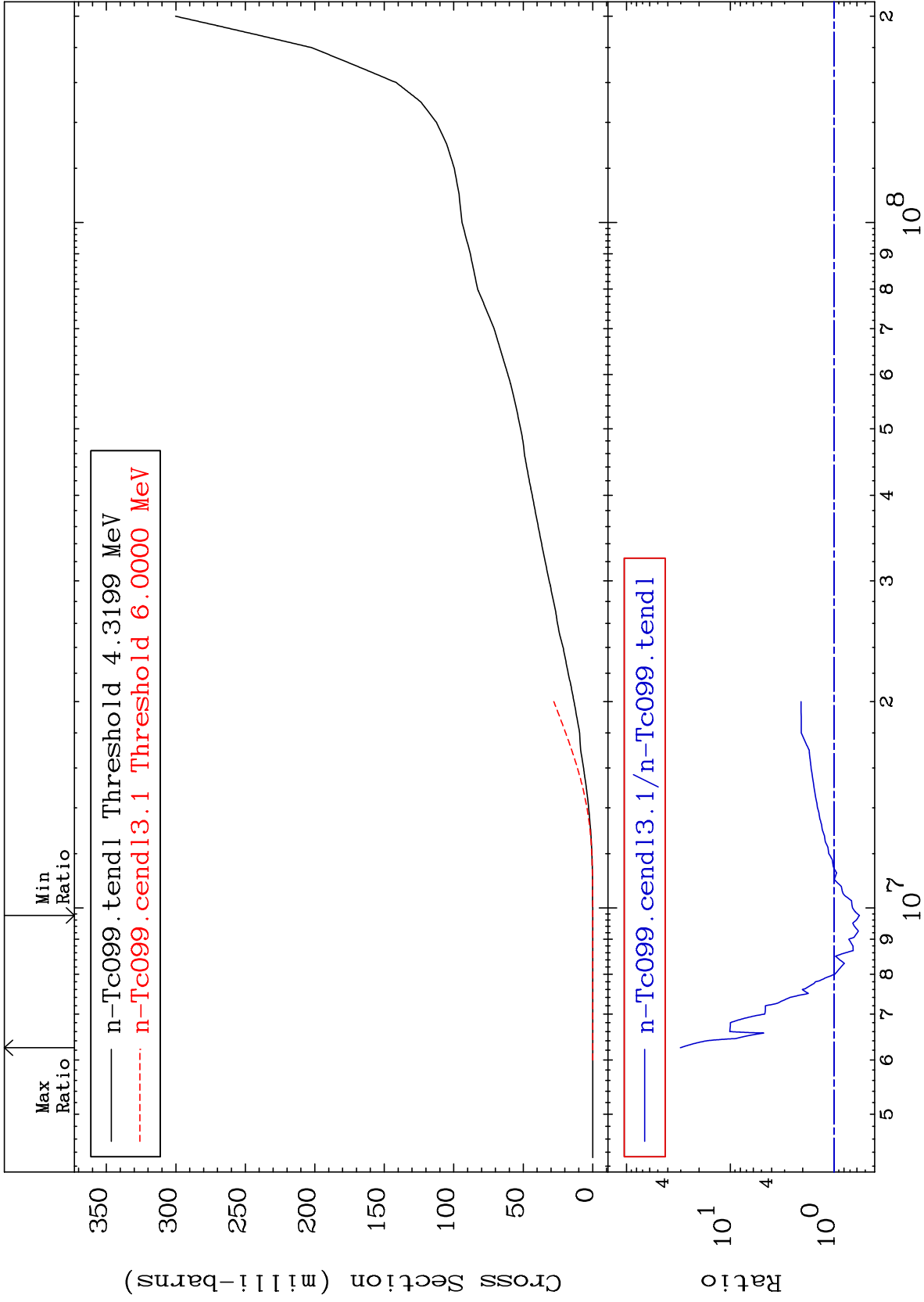


MAT 4325

Hydrogen Production
Cross Section

43-Tc-99
18.88 To 229.3 %

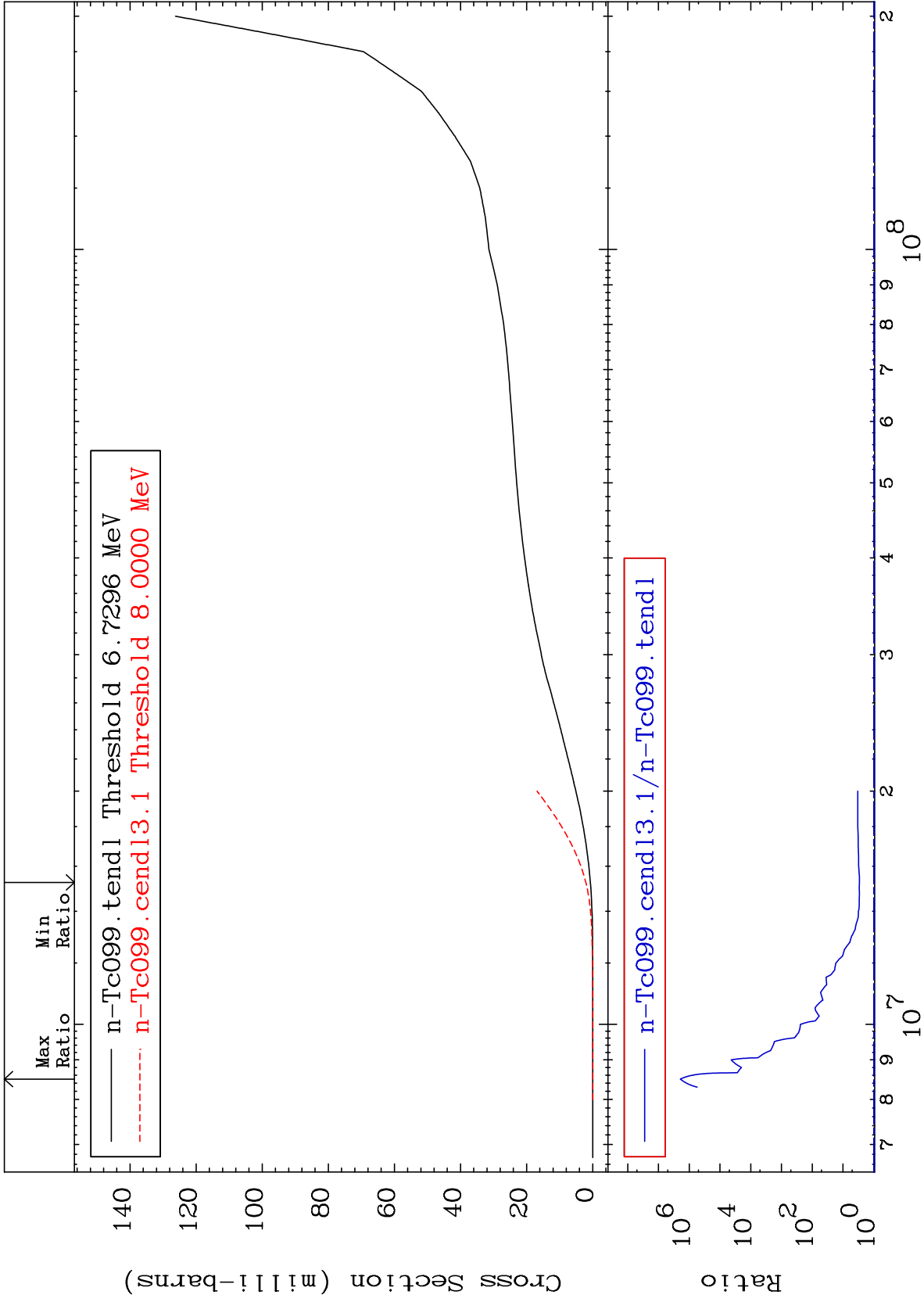




MAT 4325

Tritium Production
Cross Section

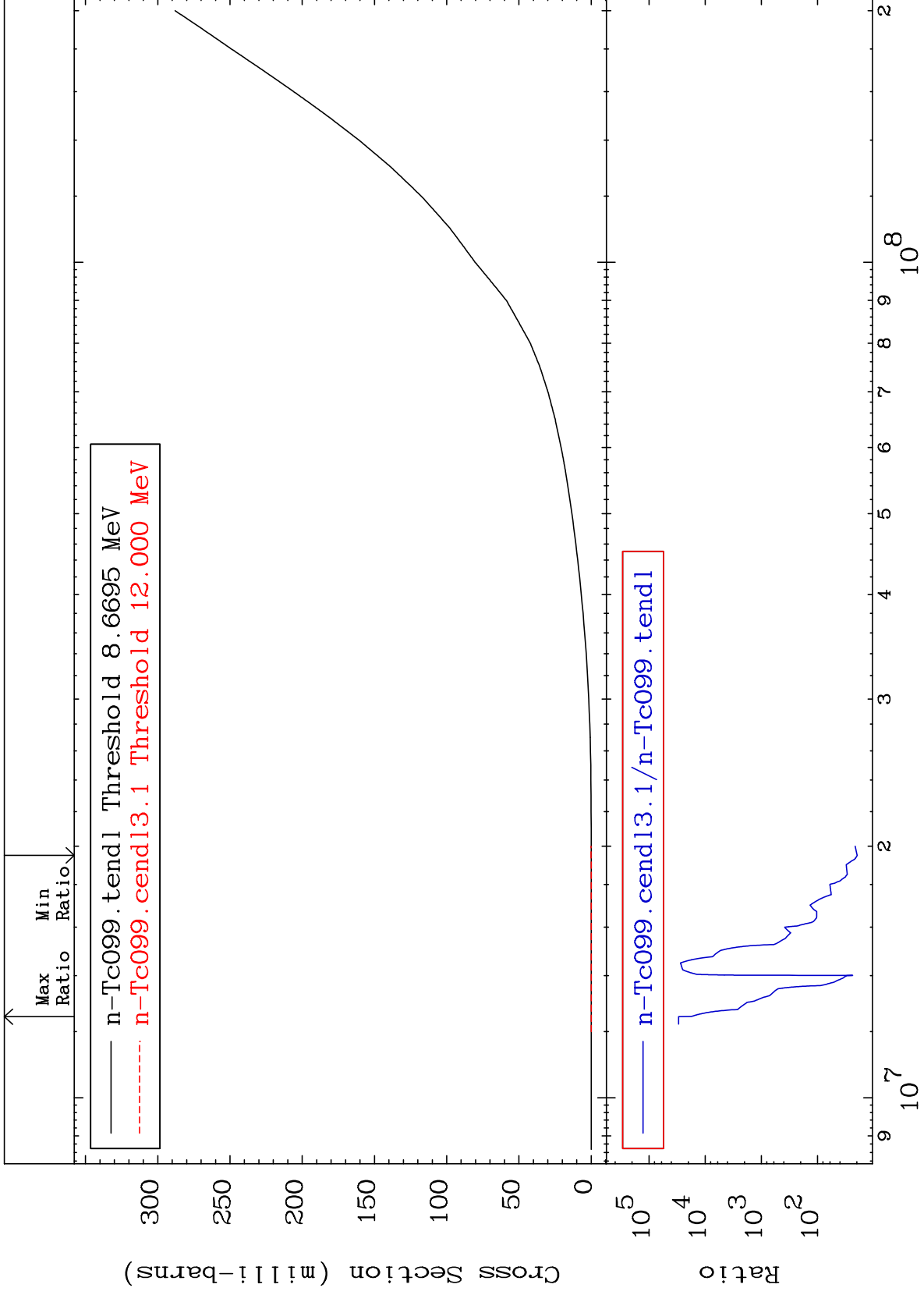
43-Tc-99
191.6 To 9999. %



MAT 4325

He-3 Production
Cross Section

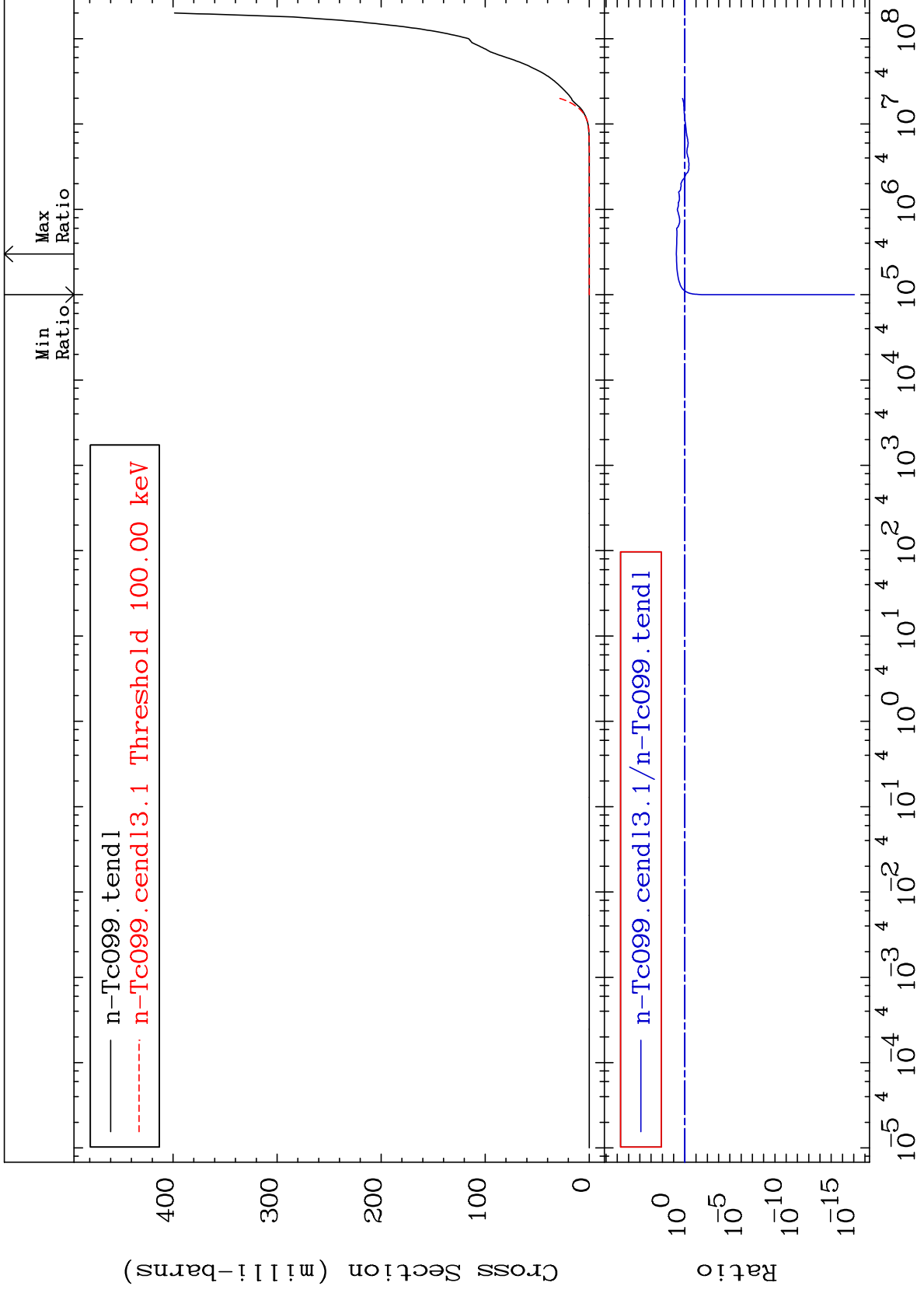
43-Tc-99
1869. To 9999. %

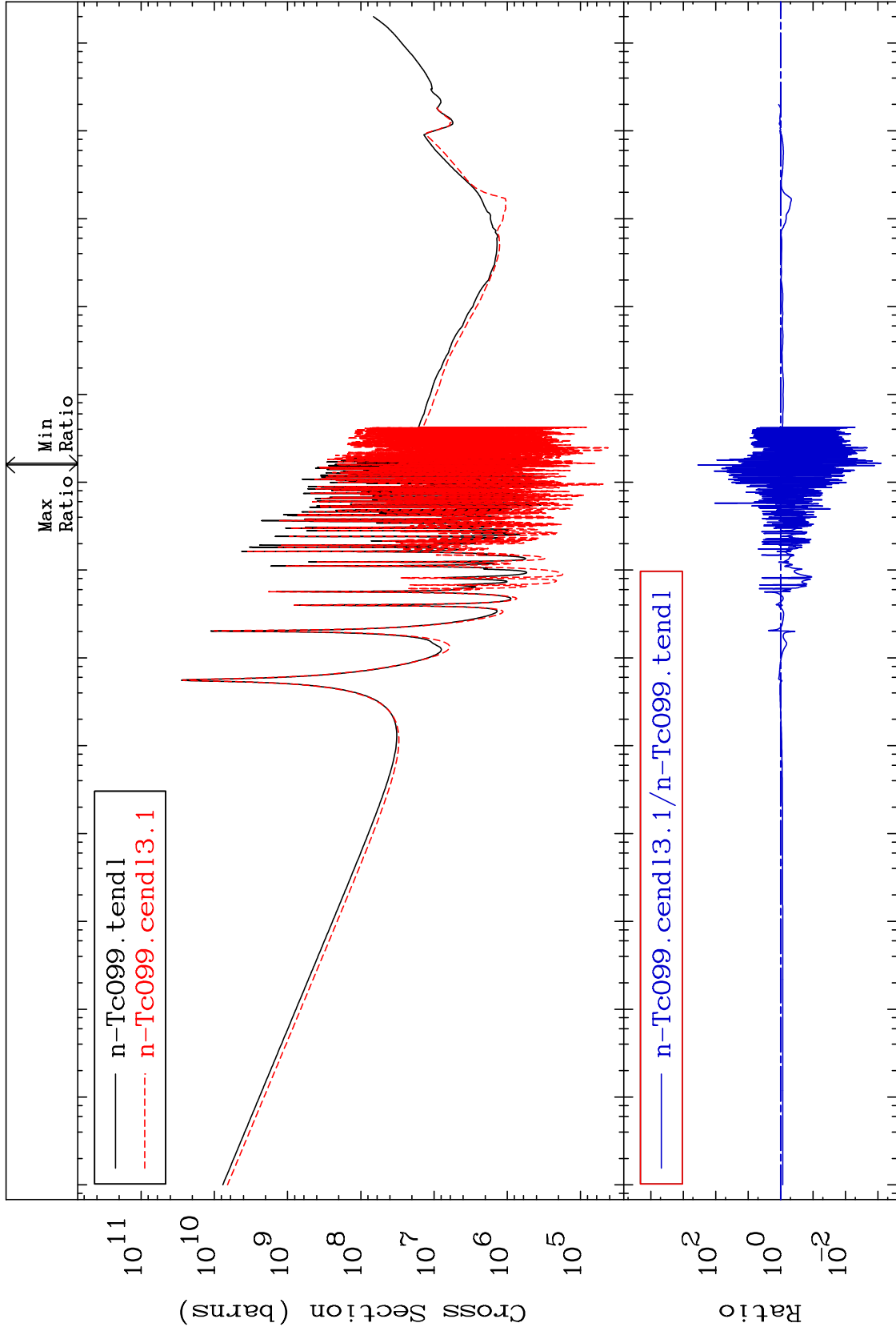


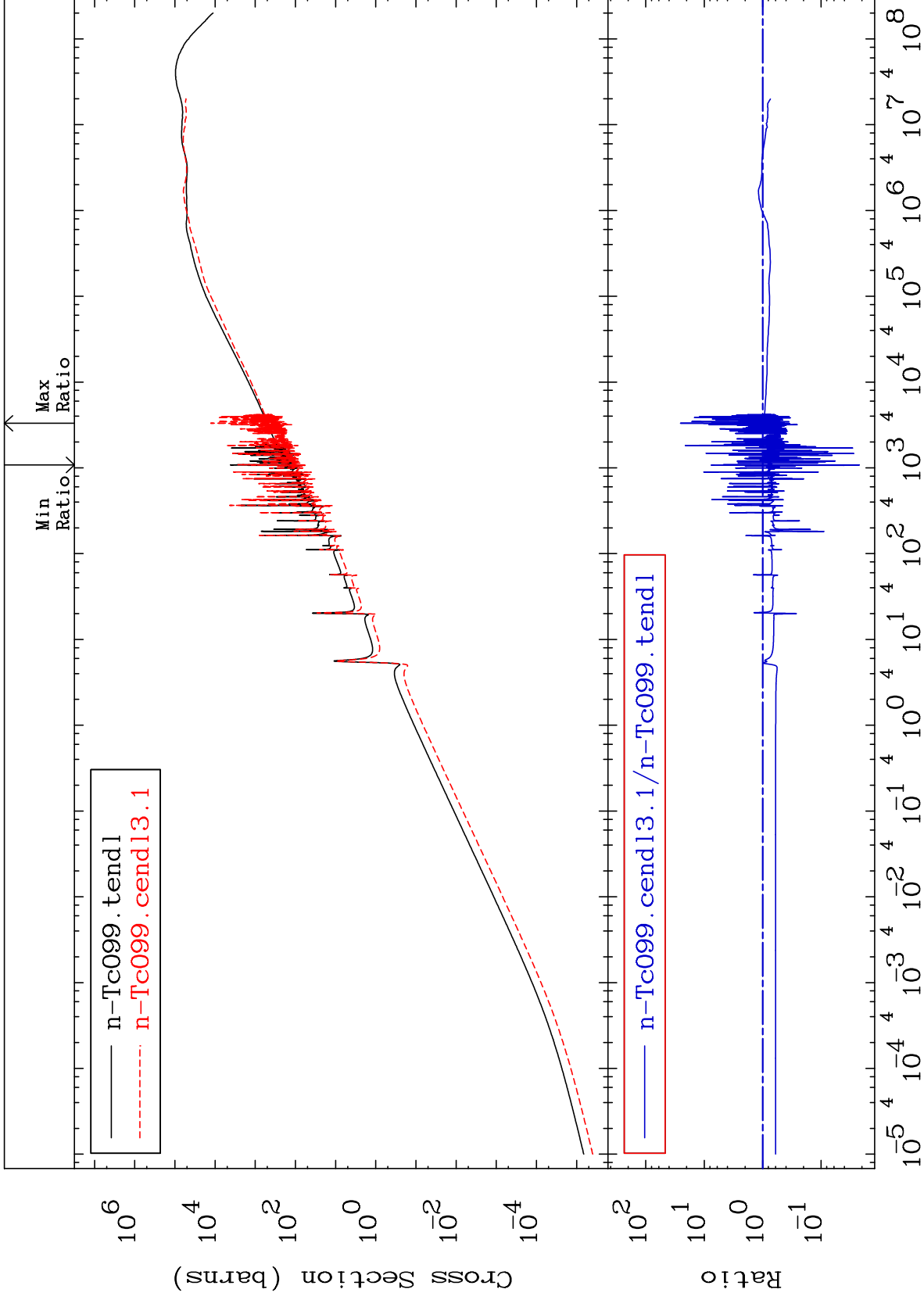
26

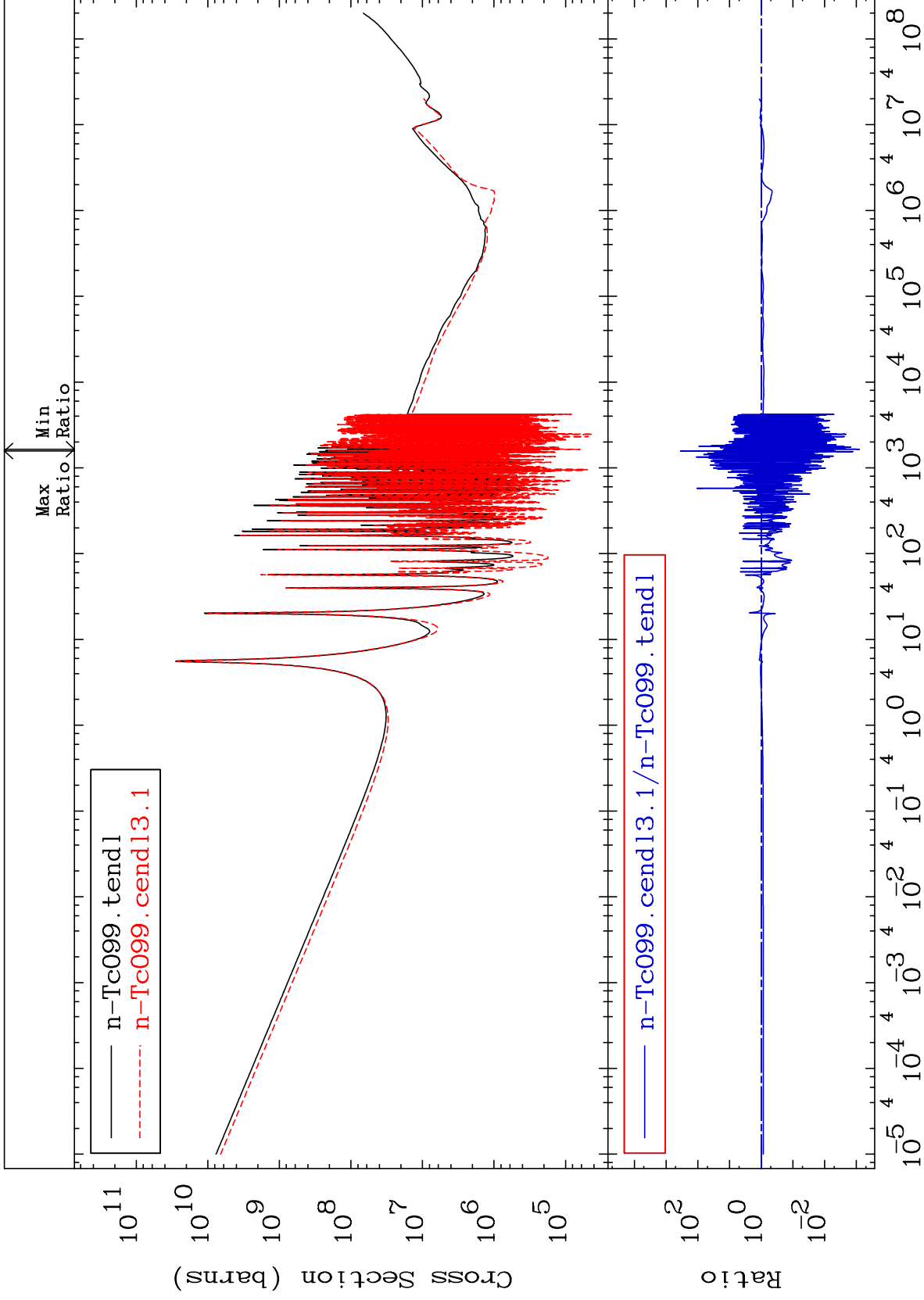
Incident Energy (eV)

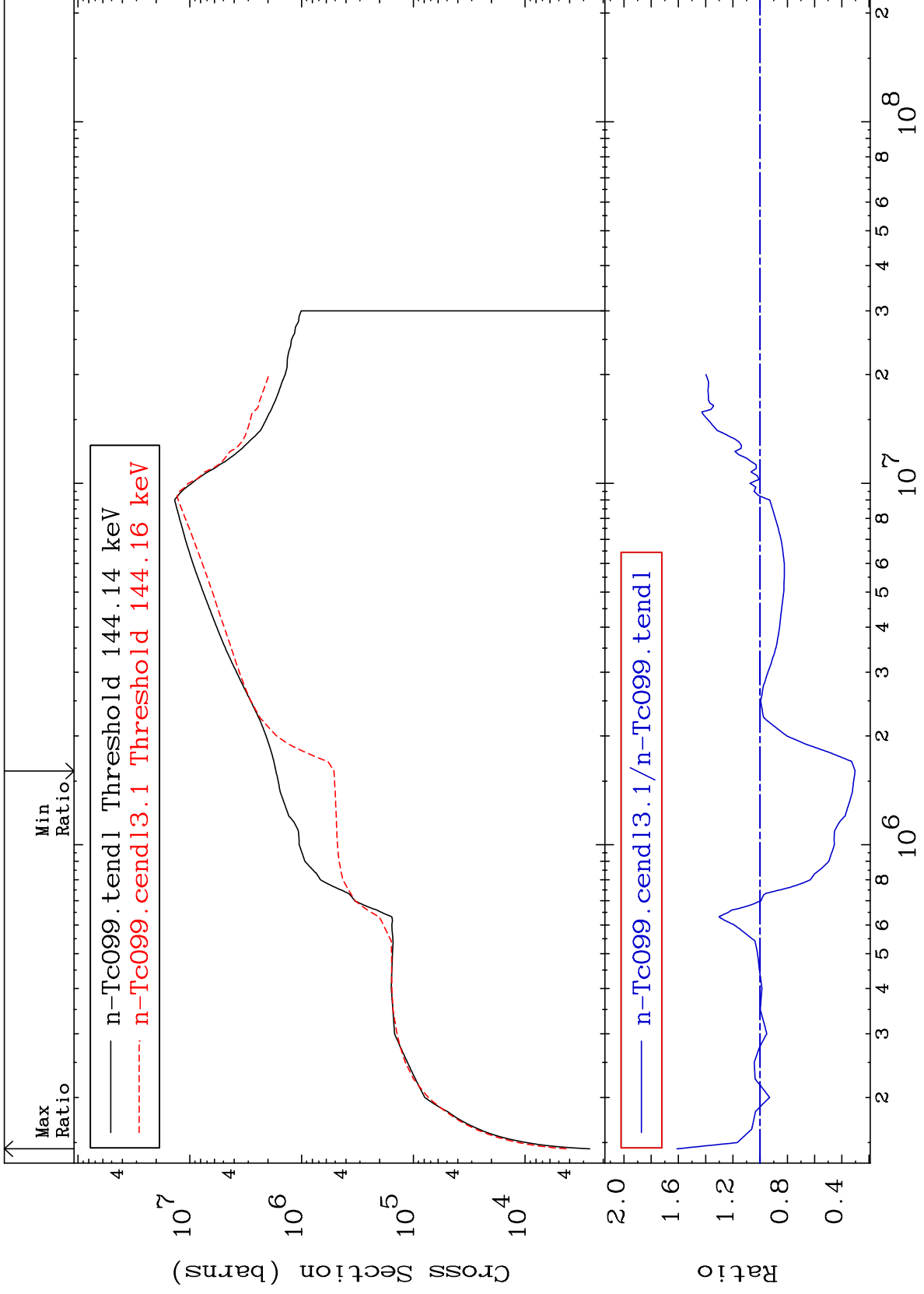
43-Tc-99







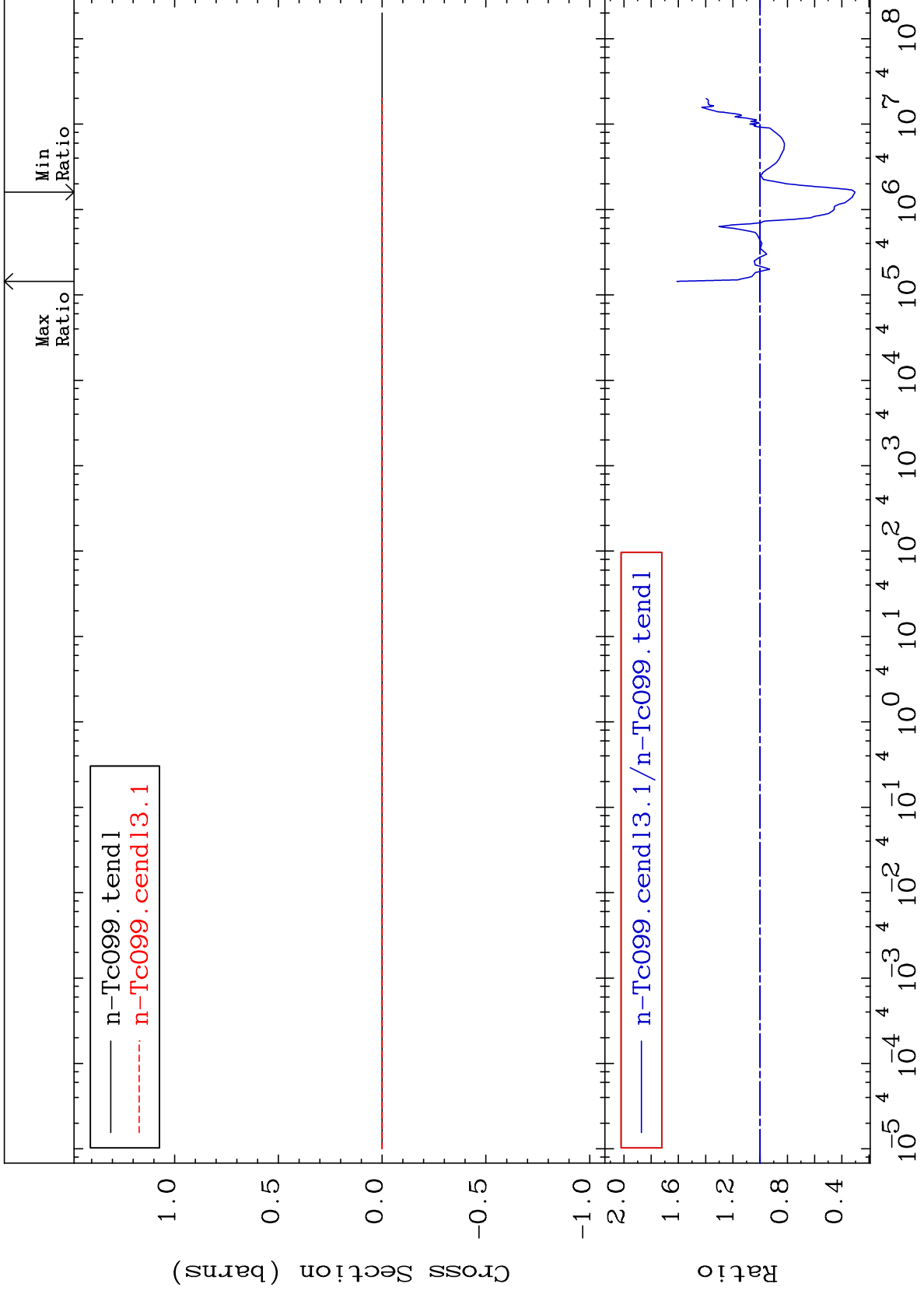




MAT 4325

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

43-Tc-99
-69.74 To 61.10 %



Incident Energy (eV)

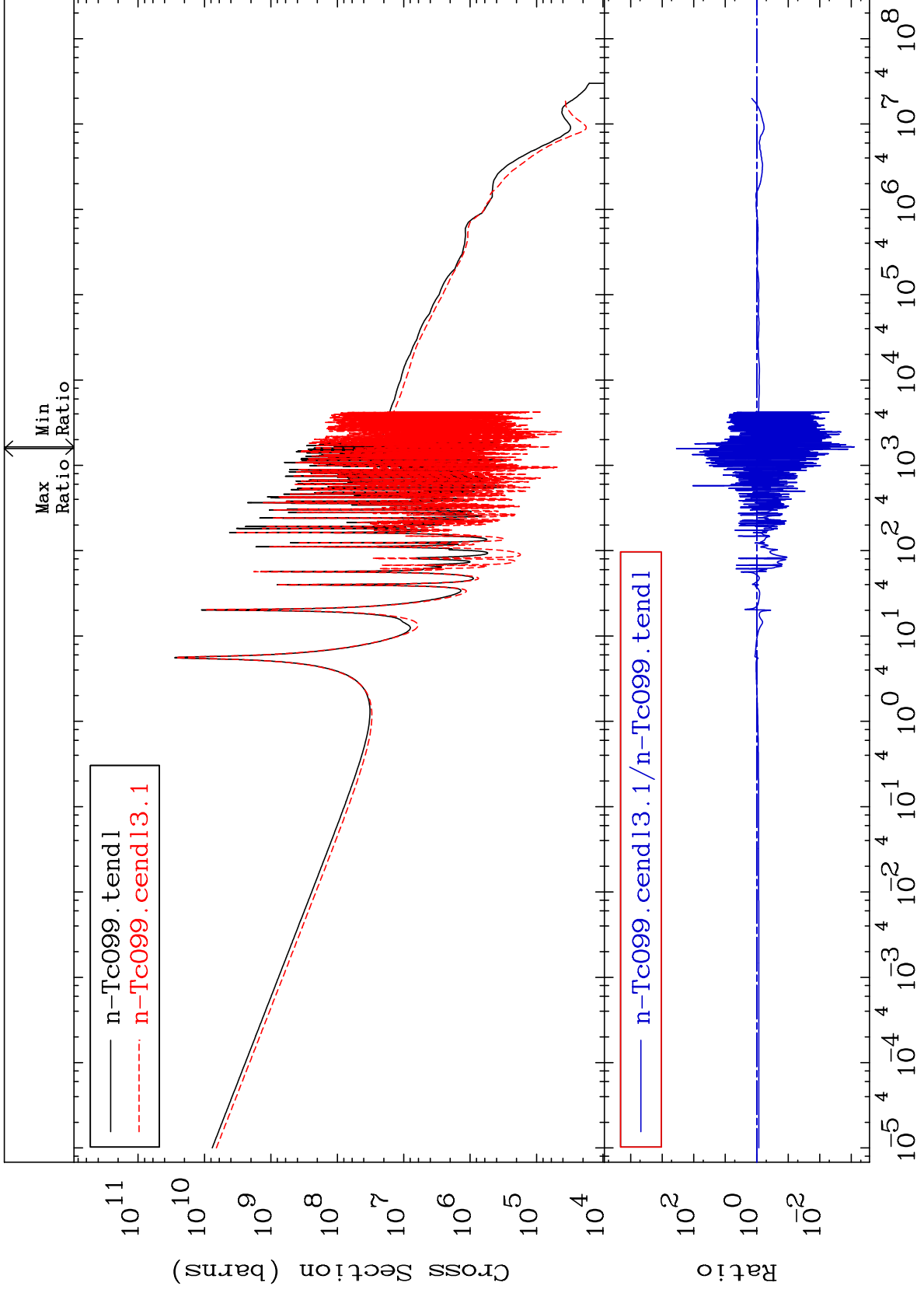
43-Tc-99

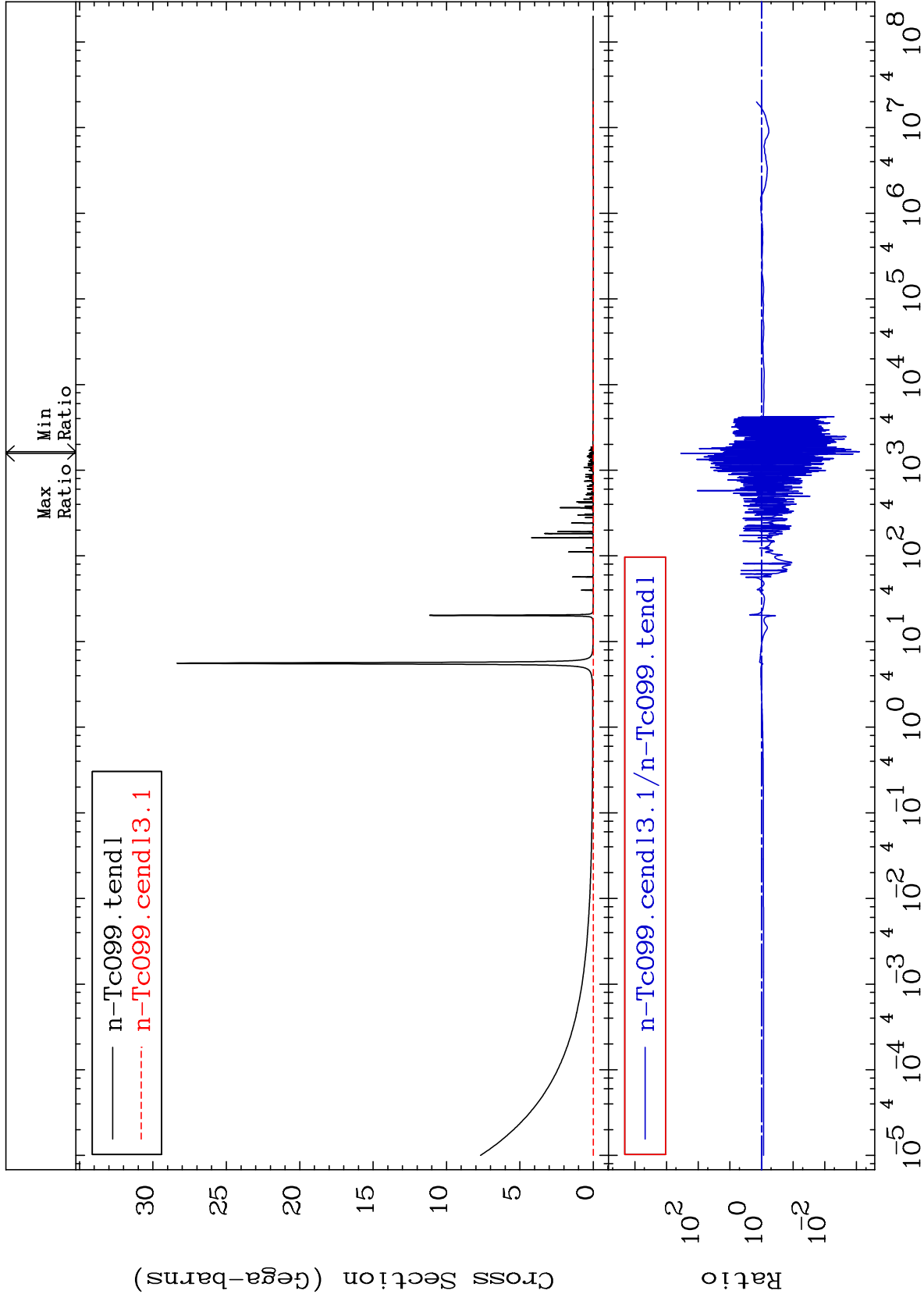
32

MAT 4325

Kerma capture (mt102)
Cross Section

43-Tc-99
-99.92 To 9999. %





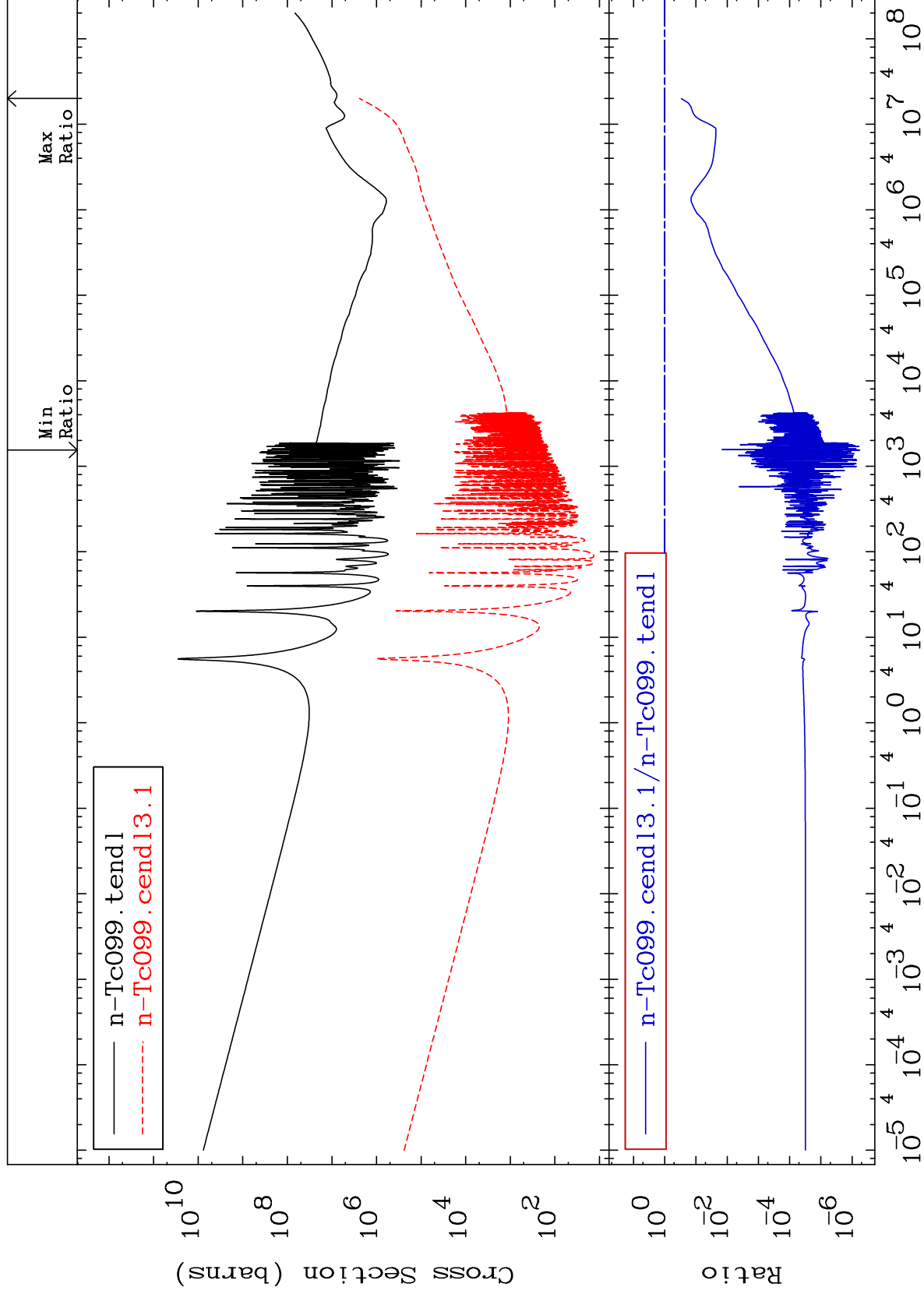
MAT 4325

Total kinematic kerma (high limit)

43-Tc-99

Cross Section

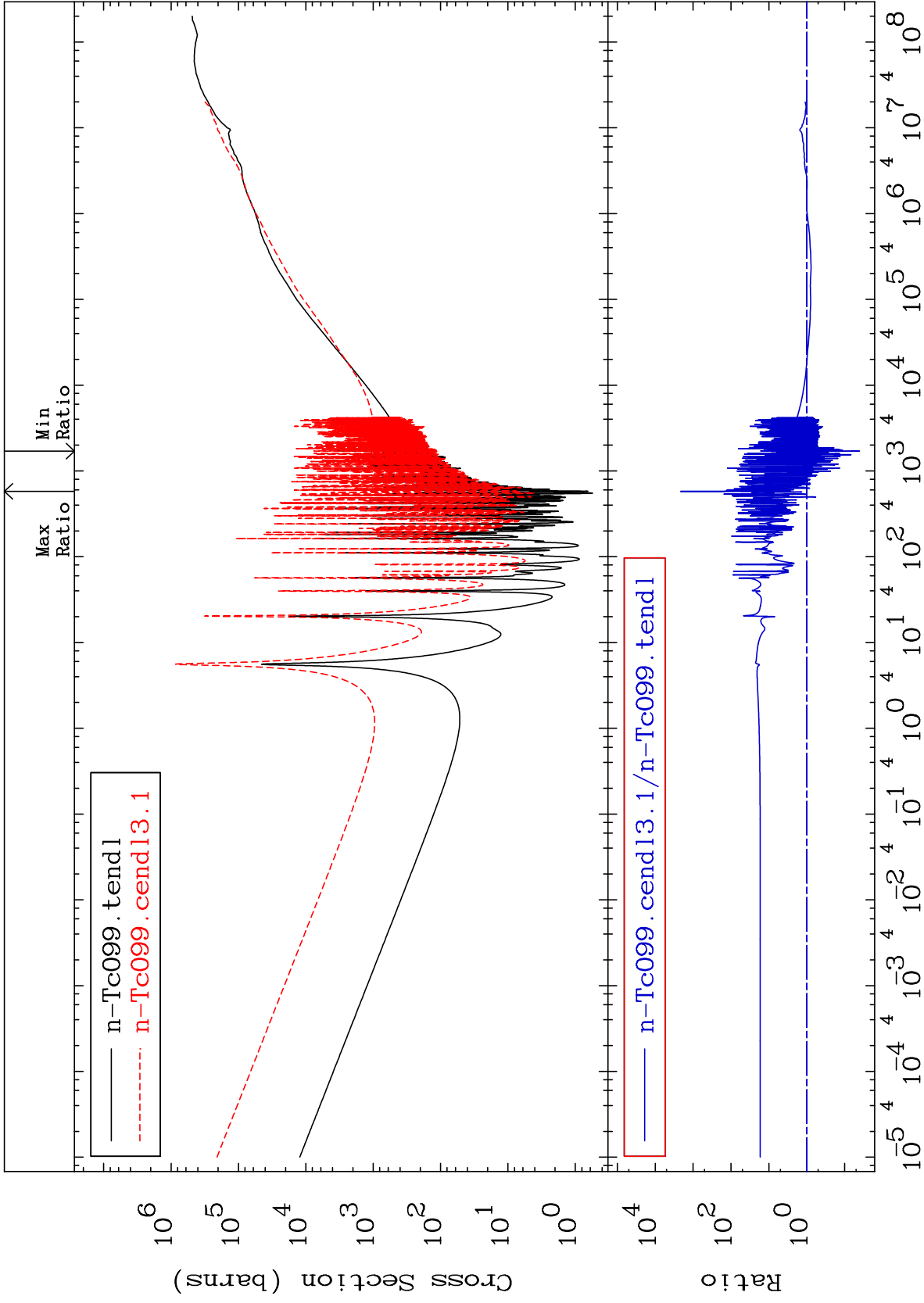
-100.0 To -70.20%



35

Incident Energy (eV)

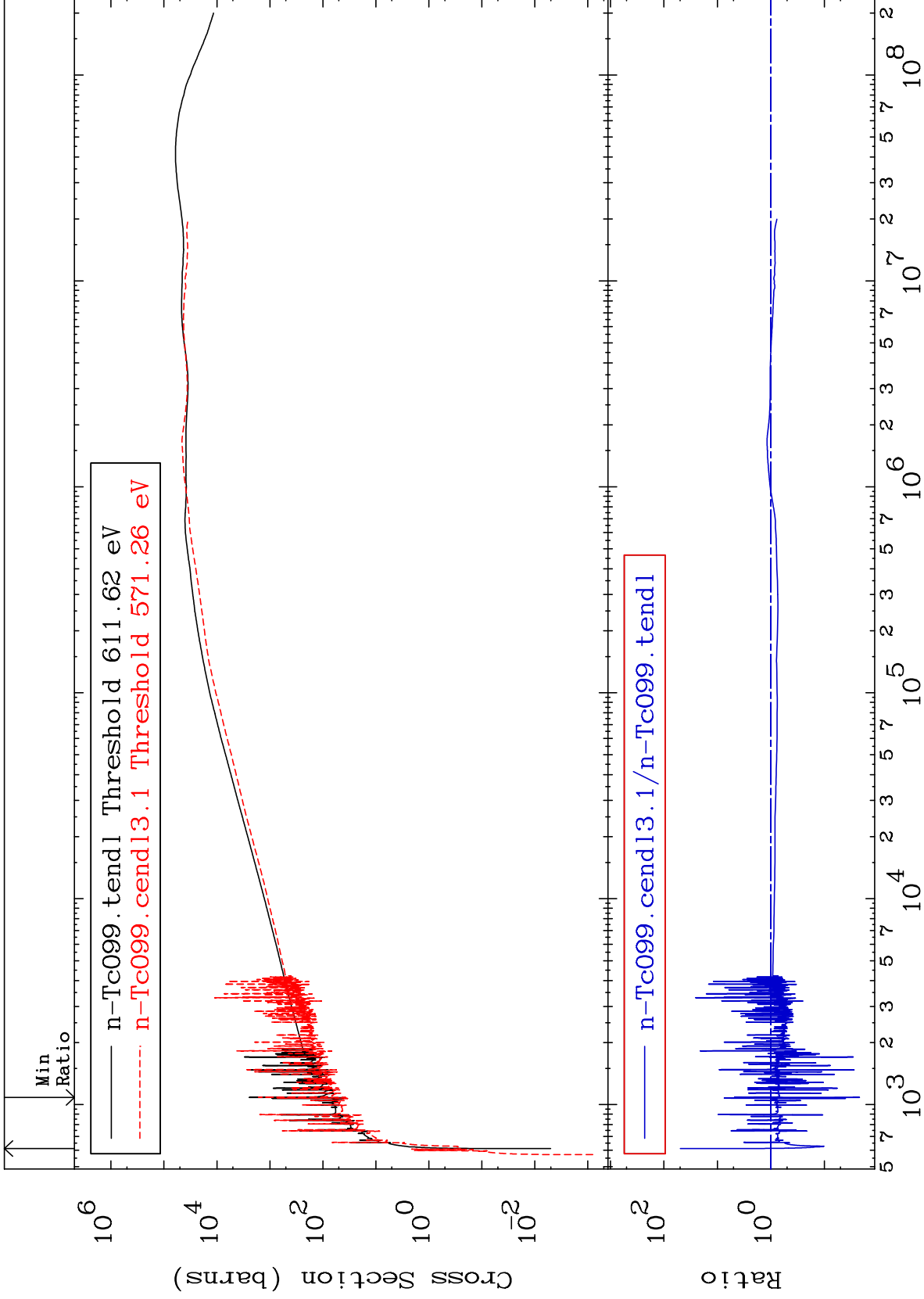
43-Tc-99



MAT 4325

Dpa elastic (mt2)
Cross Section

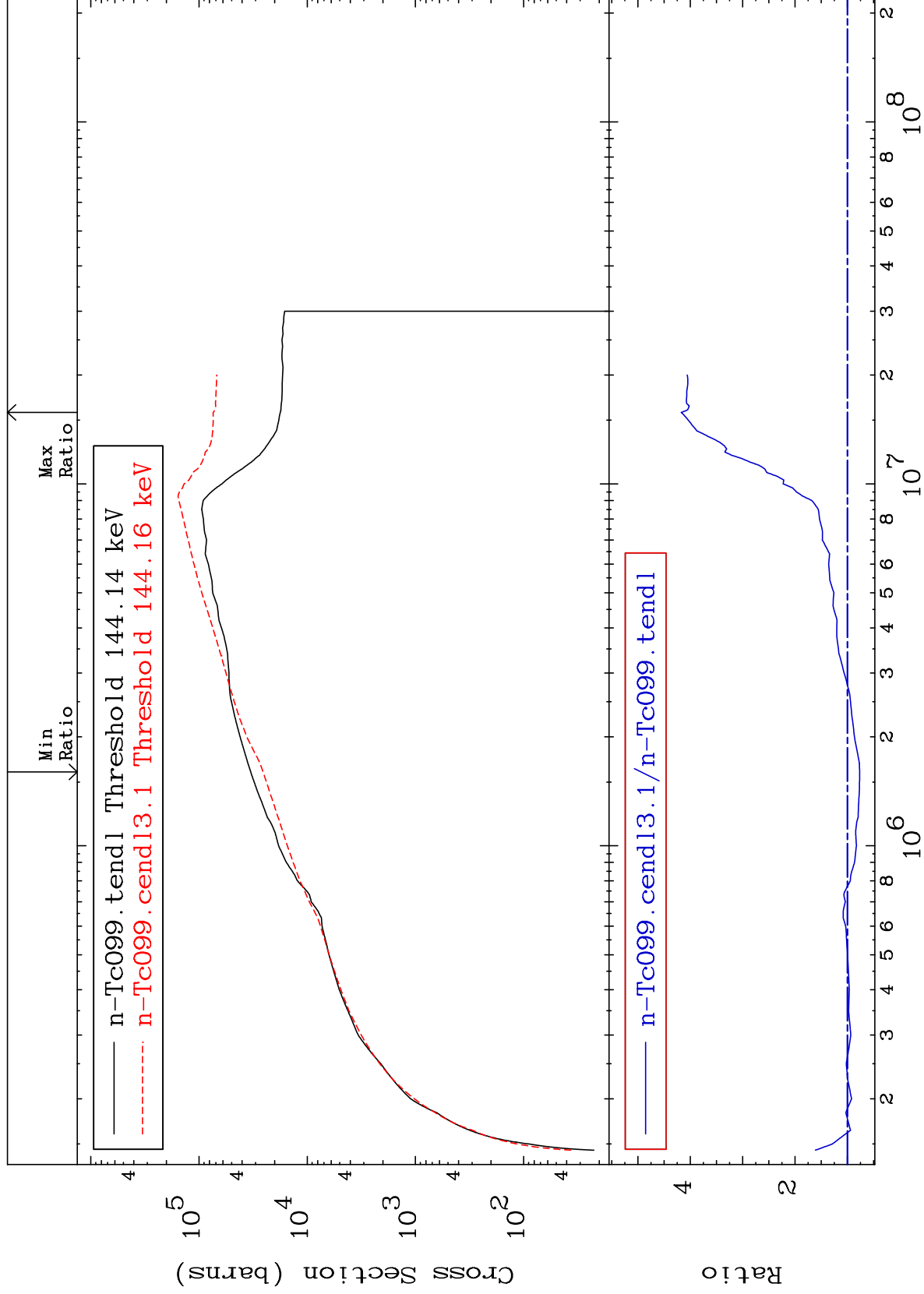
43-Tc-99
-97.79 To 4832. %



MAT 4325

Dpa inelastic (mt51-91)
Cross Section

43-Tc-99
-23.28 To 317.5 %



38

Incident Energy (eV)

43-Tc-99

