

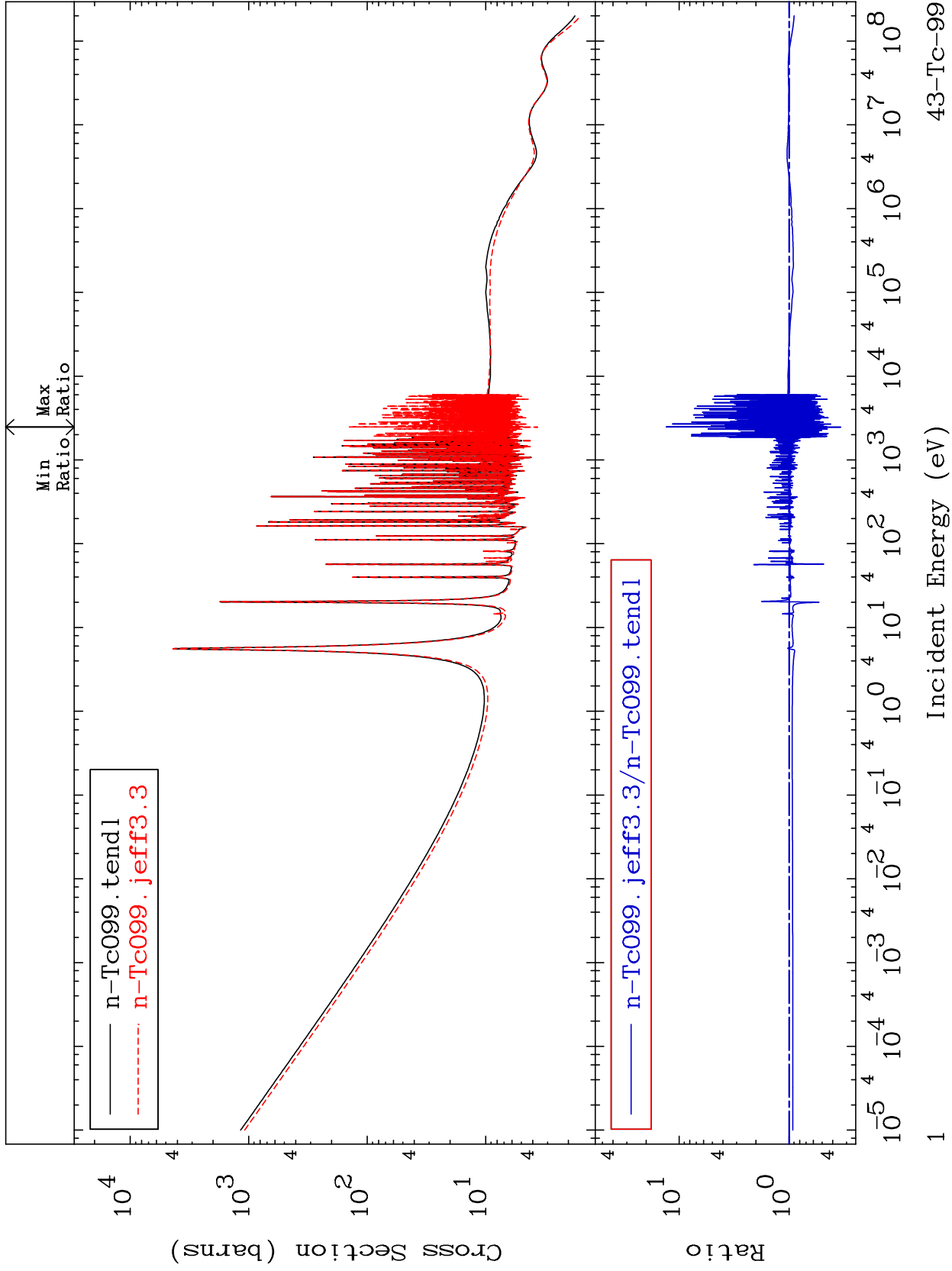
MAT 4325

Total

43-Tc-99

Cross Section

-66.22 To 1219. %



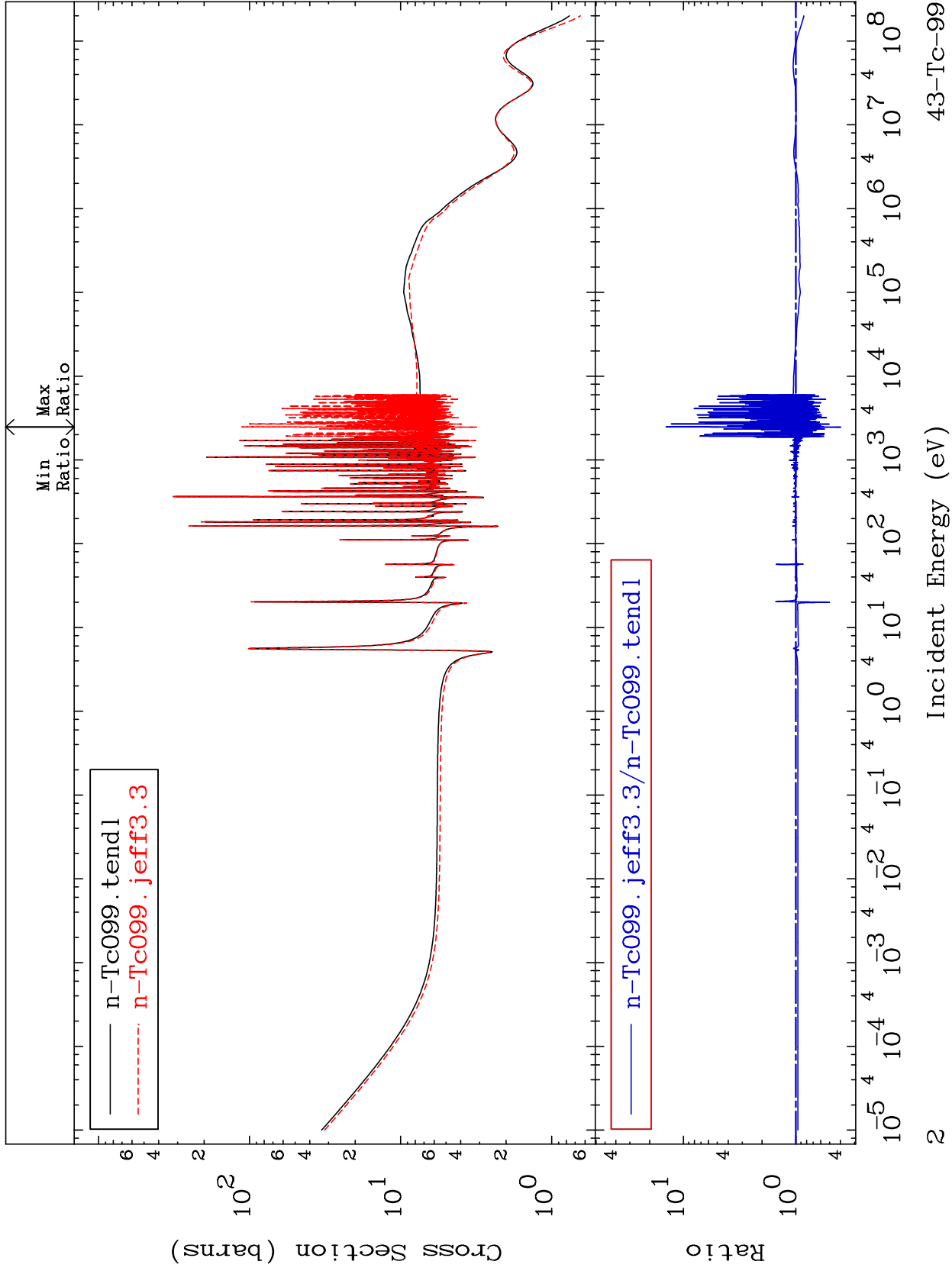
MAT 4325

Elastic

Cross Section

43-Tc-99

-60.30 To 1332. %



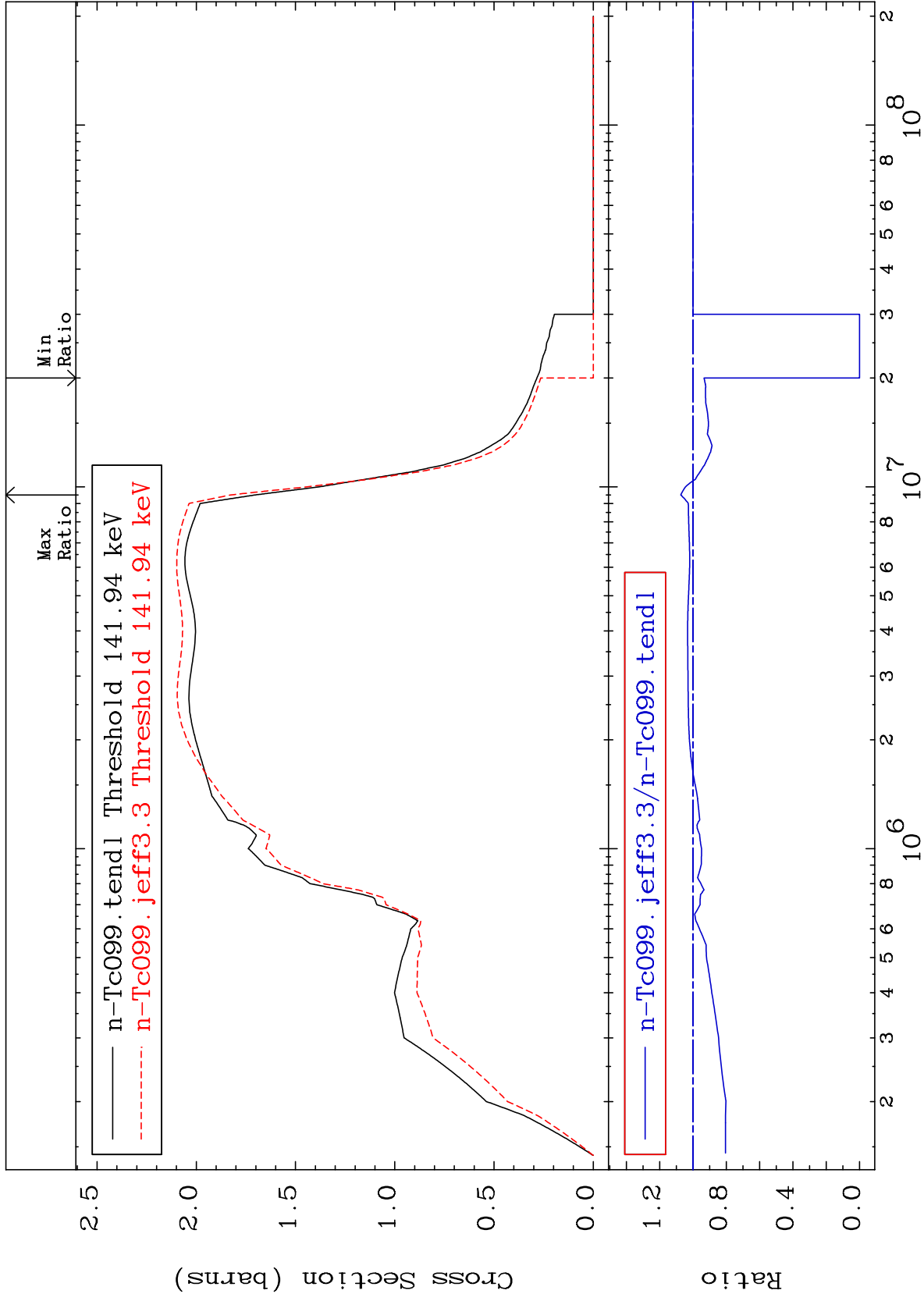
43-Tc-99

MAT 4325

⁴³Tc-99

-100.0 To 7.330 %

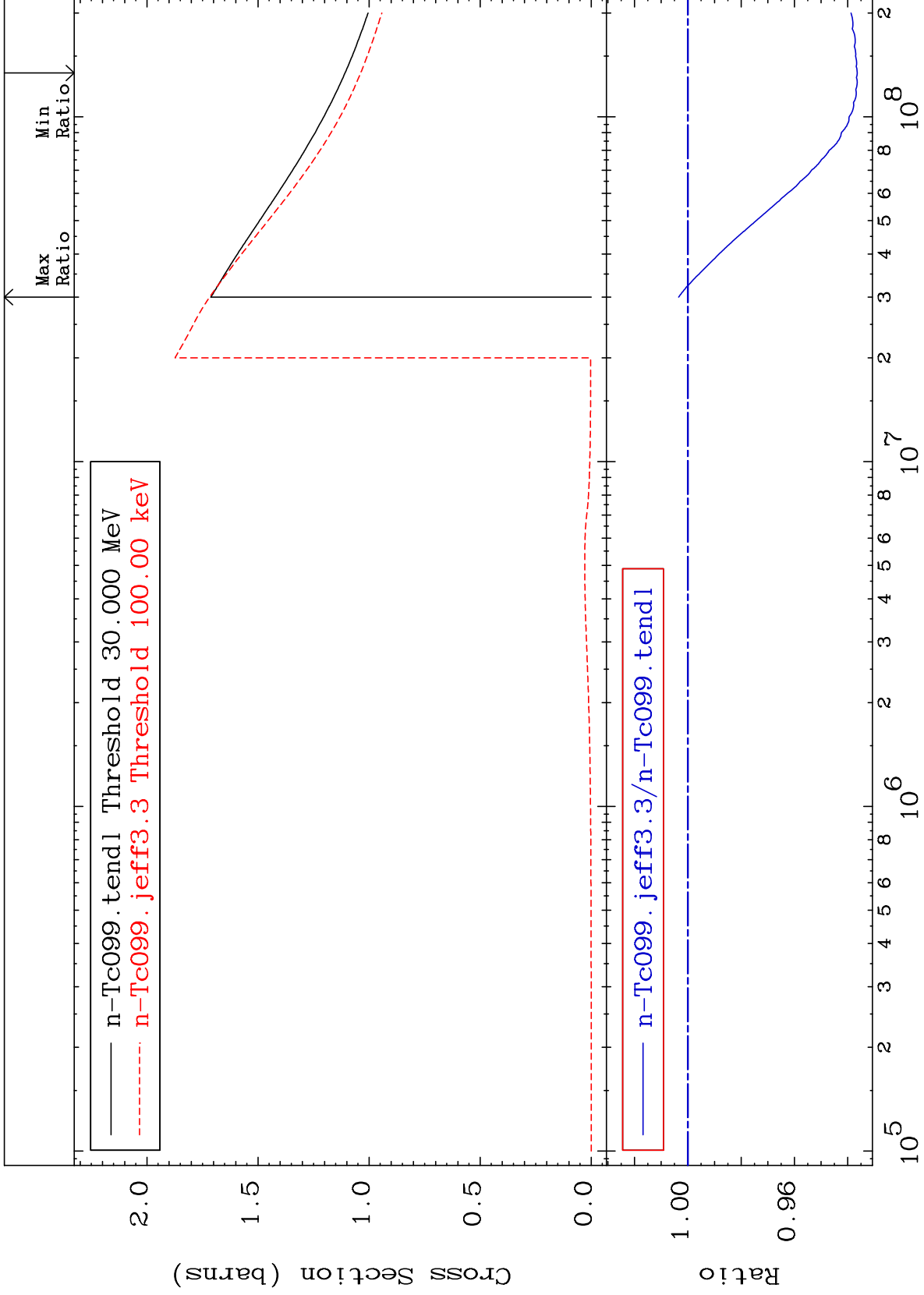
Inelastic
Cross Section



MAT 4325

(n, remainder)
Cross Section

43-Tc-99
-6.356 To 0.344 %



Incident Energy (eV)

43-Tc-99

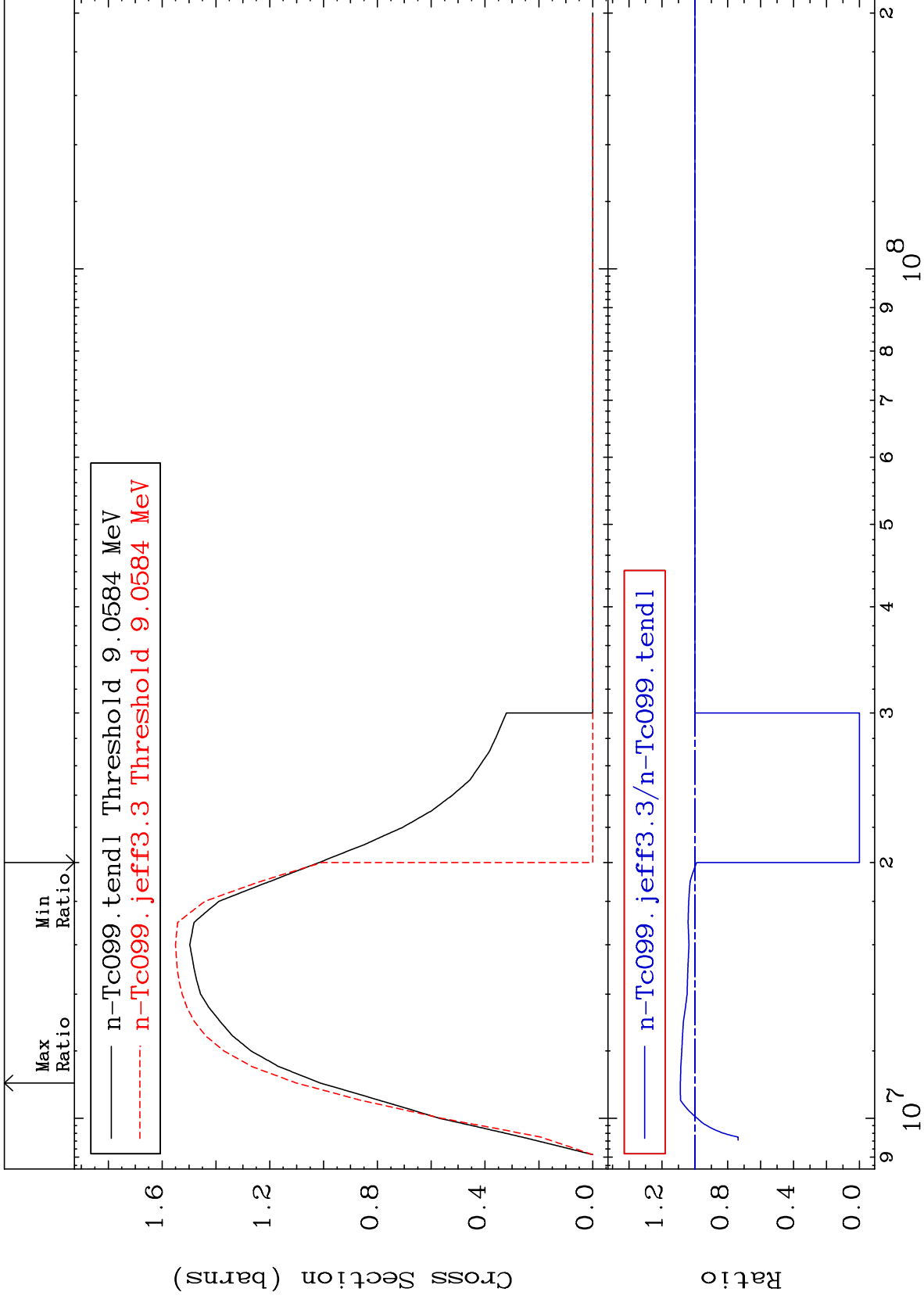
MAT 4325

(n,2n)

43-Tc-99

Cross Section

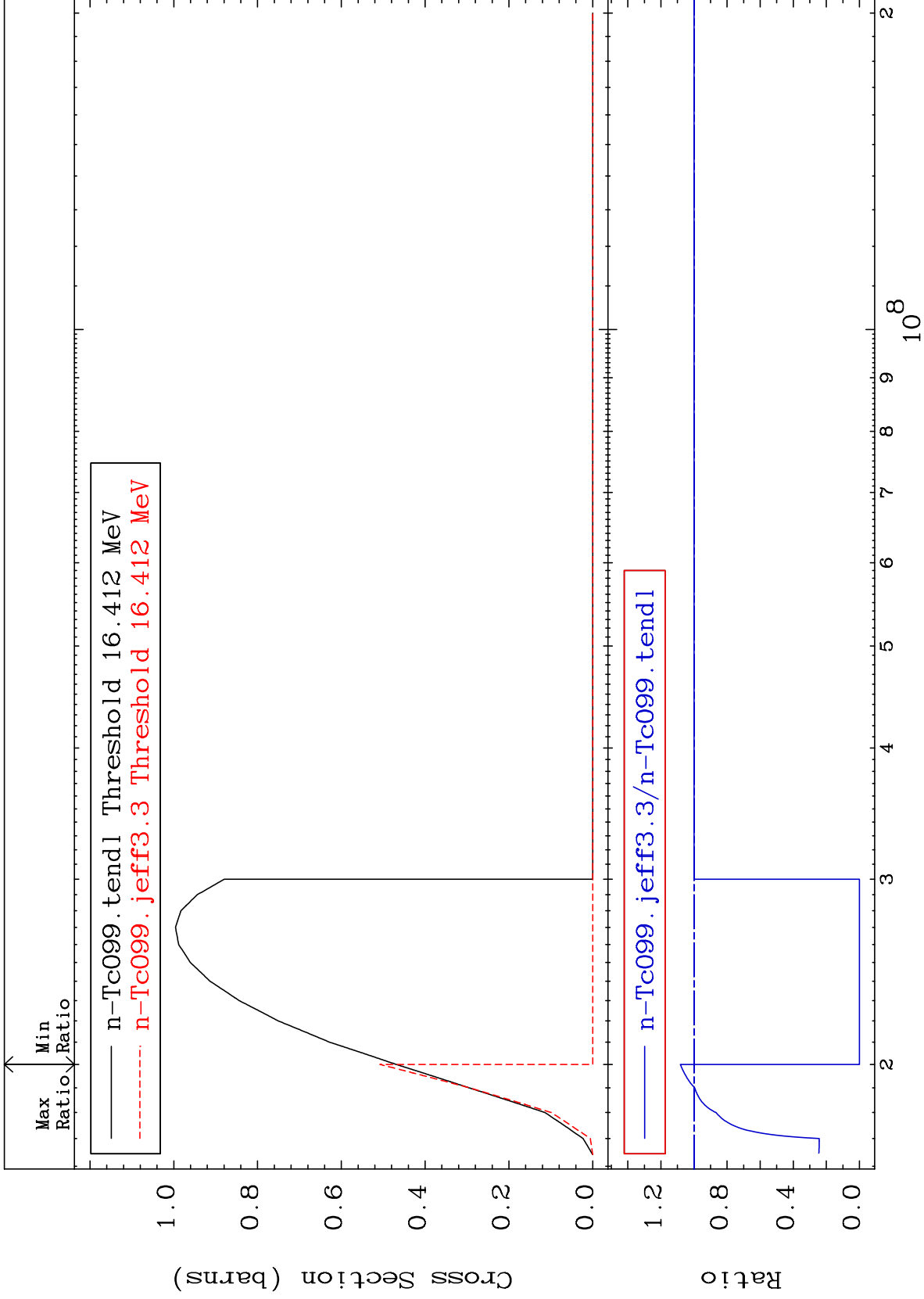
-100.0 To 8.791 %



MAT 4325

(n,3n)
Cross Section

43-Tc-99
-100.0 To 8.241 %



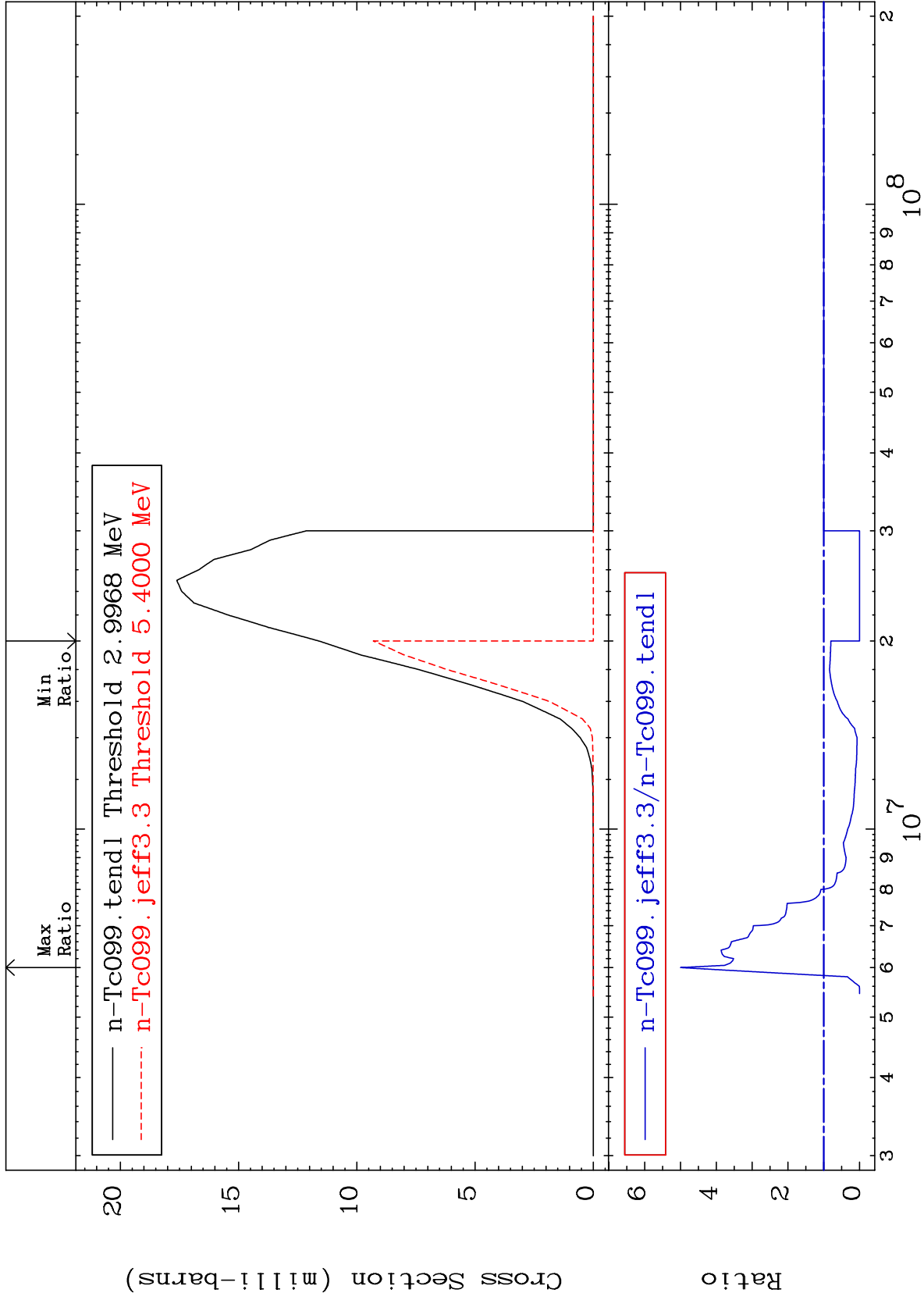
MAT 4325

(n, n') α

⁴³Tc-99

Cross Section

-100.0 To 399.2 %



7

Incident Energy (eV)

⁴³Tc-99

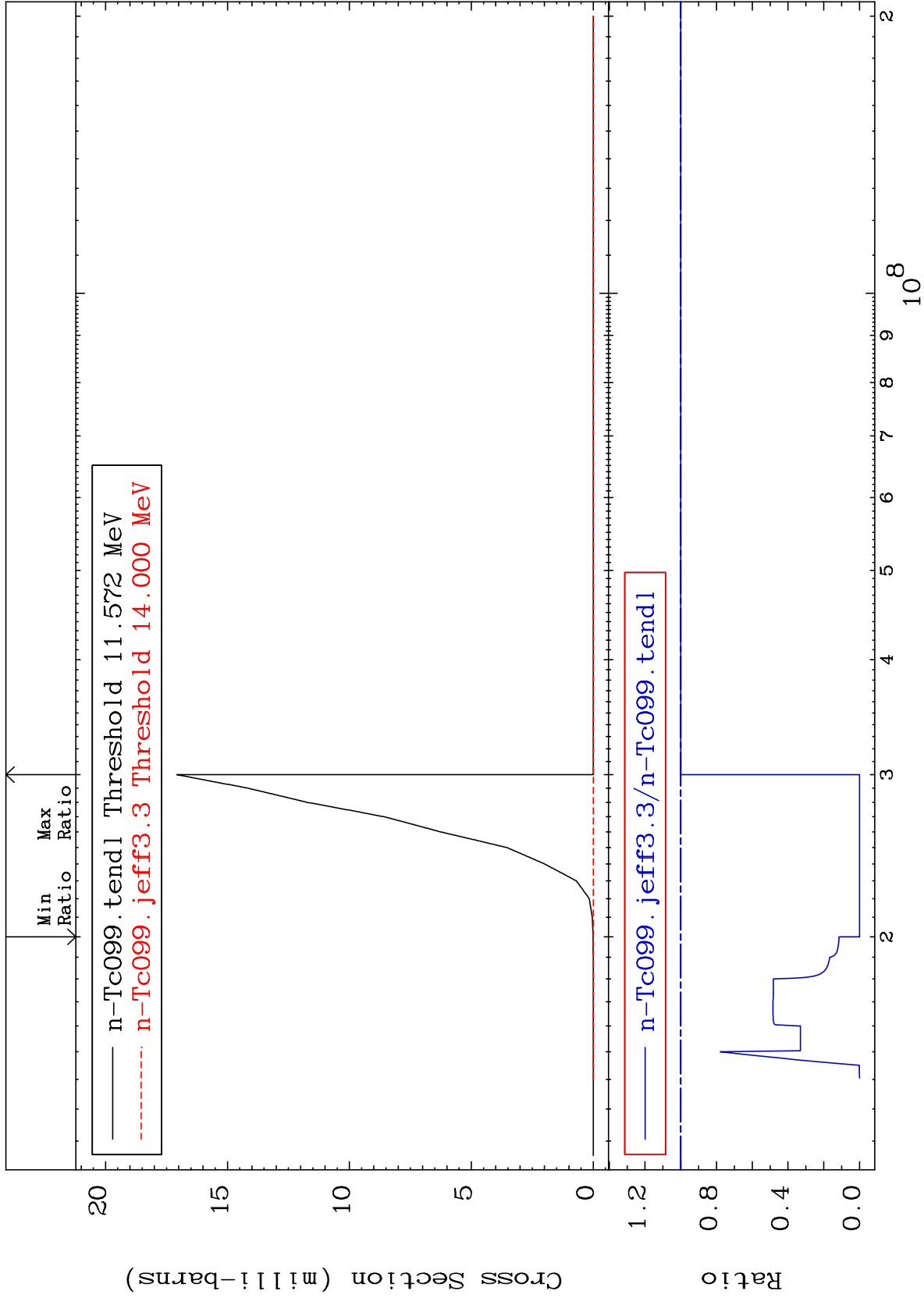
MAT 4325

(n,2n) α

43-Tc-99

Cross Section

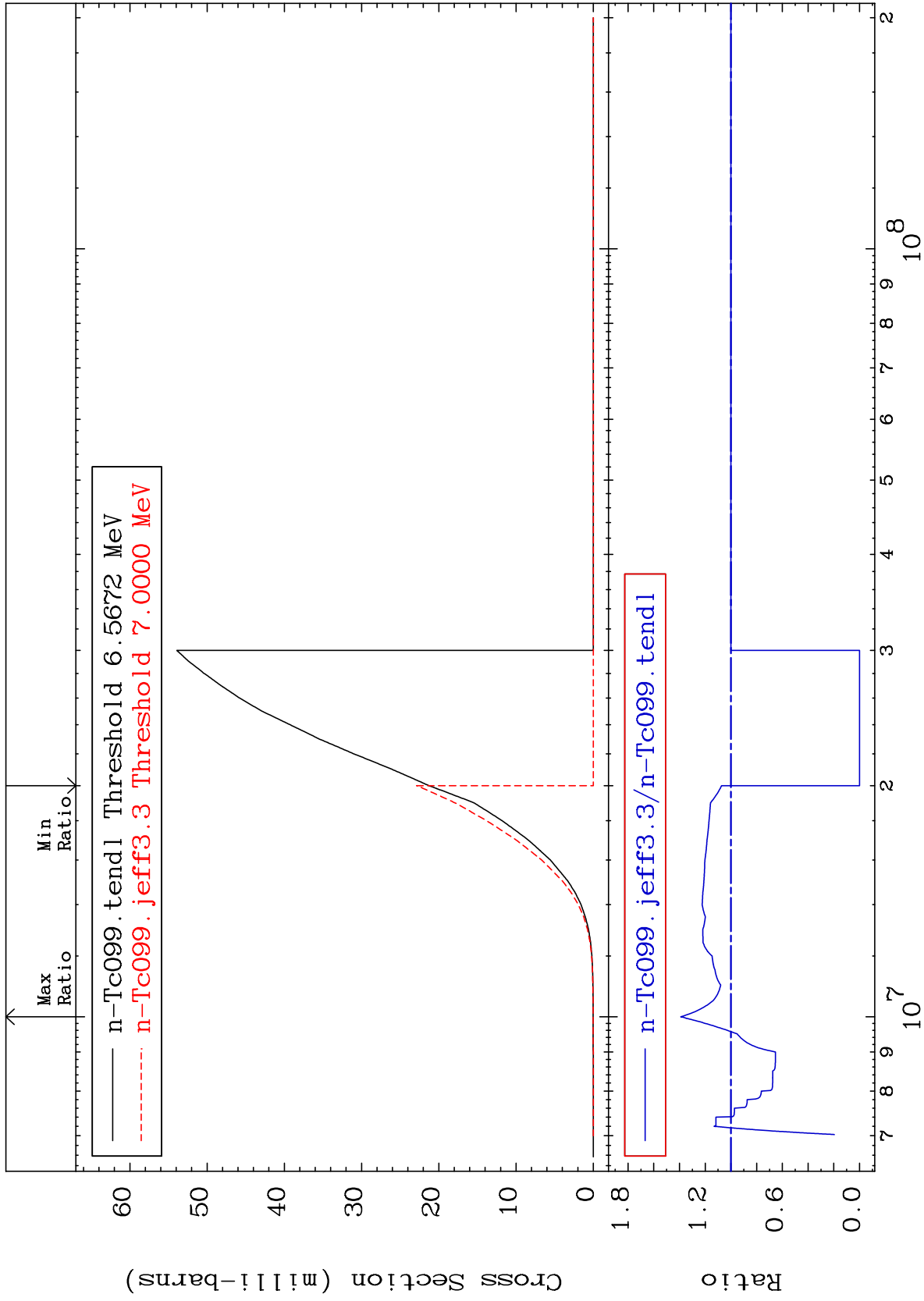
-100.0 To 0.000 %



MAT 4325

(n,n') p
Cross Section

43-Tc-99
-100.0 To 39.00 %



9

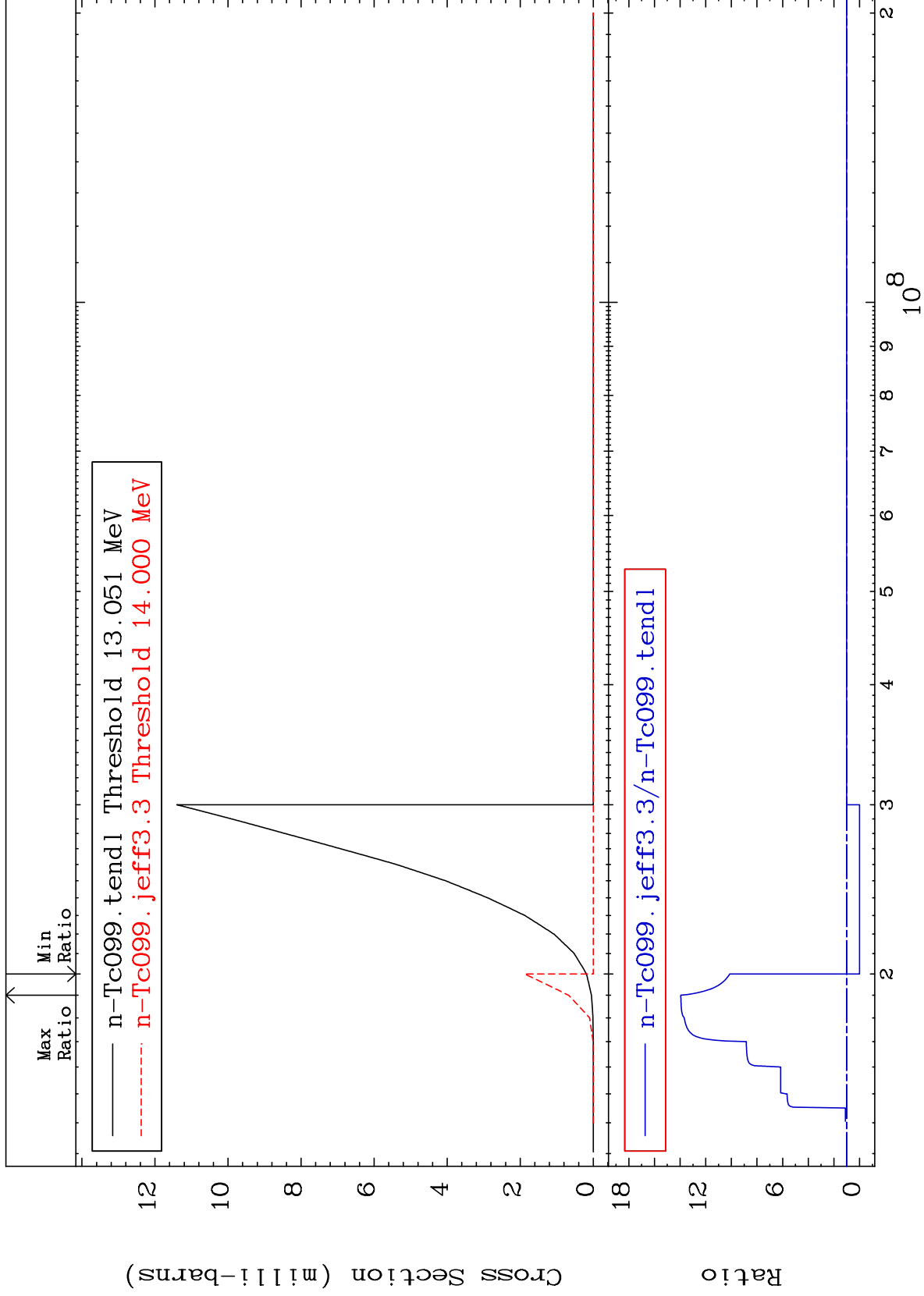
Incident Energy (eV)

43-Tc-99

MAT 4325

(n,n') d
Cross Section

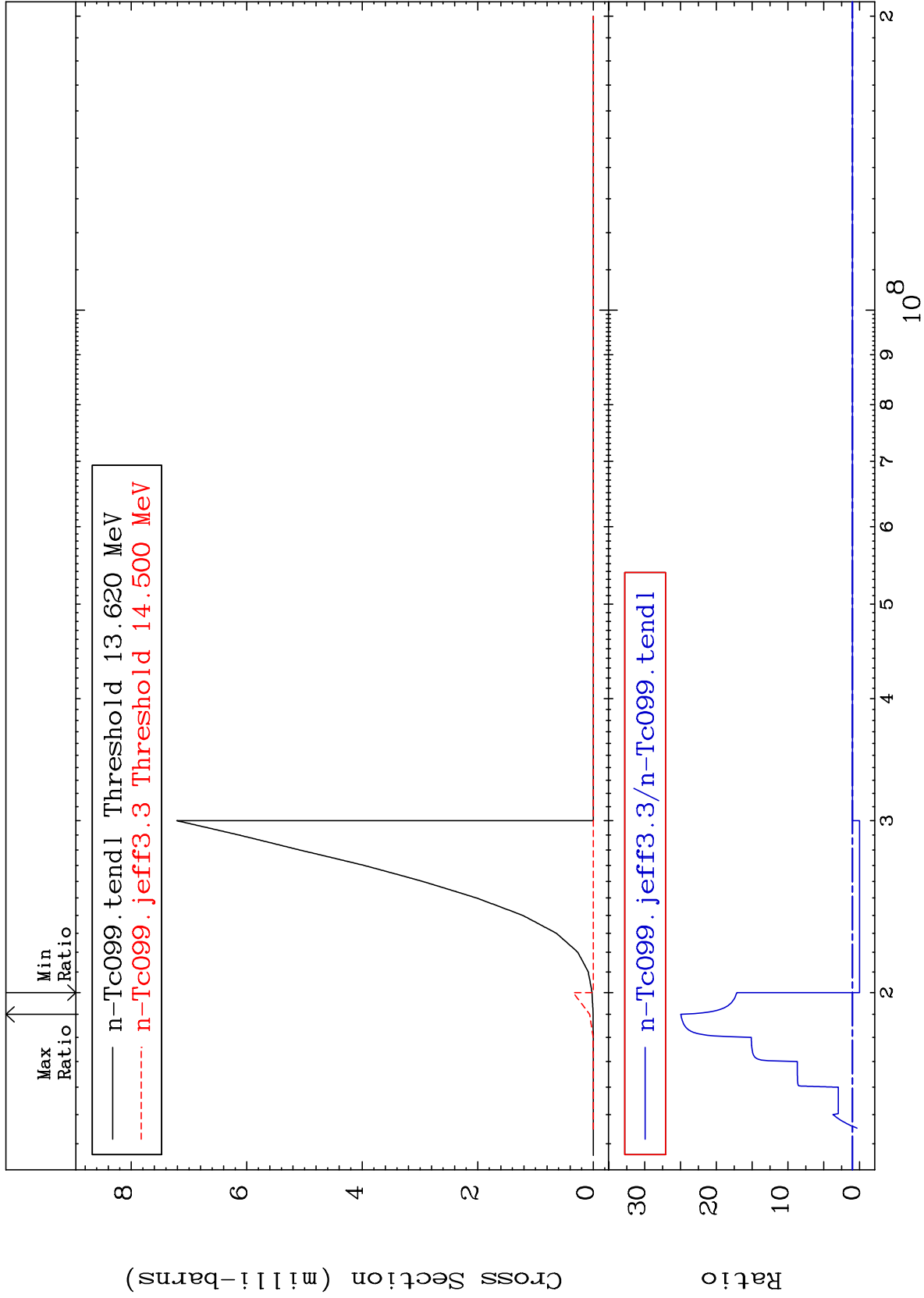
43-Tc-99
-100.0 To 1295. %



10

Incident Energy (eV)

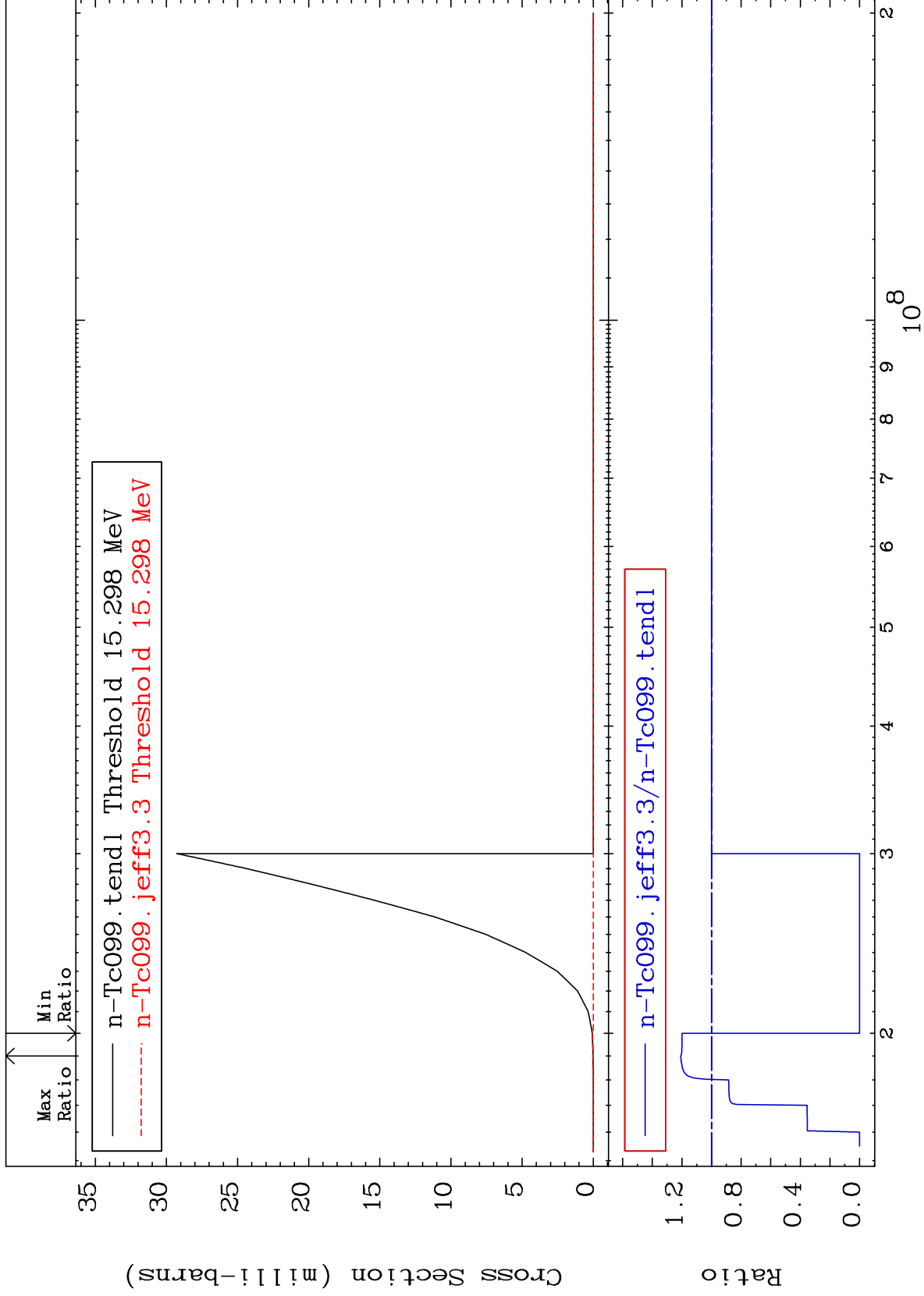
43-Tc-99



MAT 4325

(n,2n) p
Cross Section

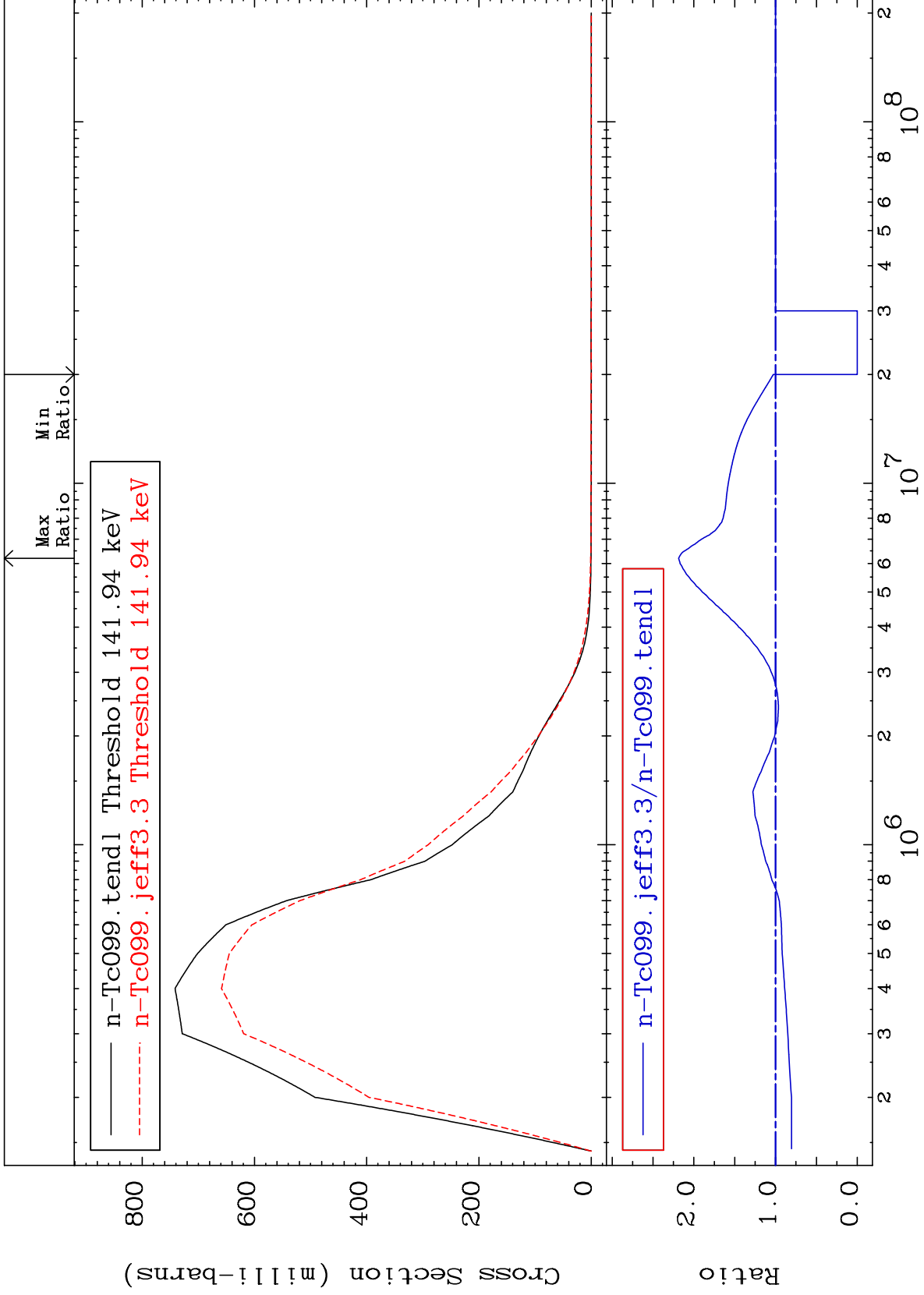
43-Tc-99
-100.0 To 20.75 %



MAT 4325

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

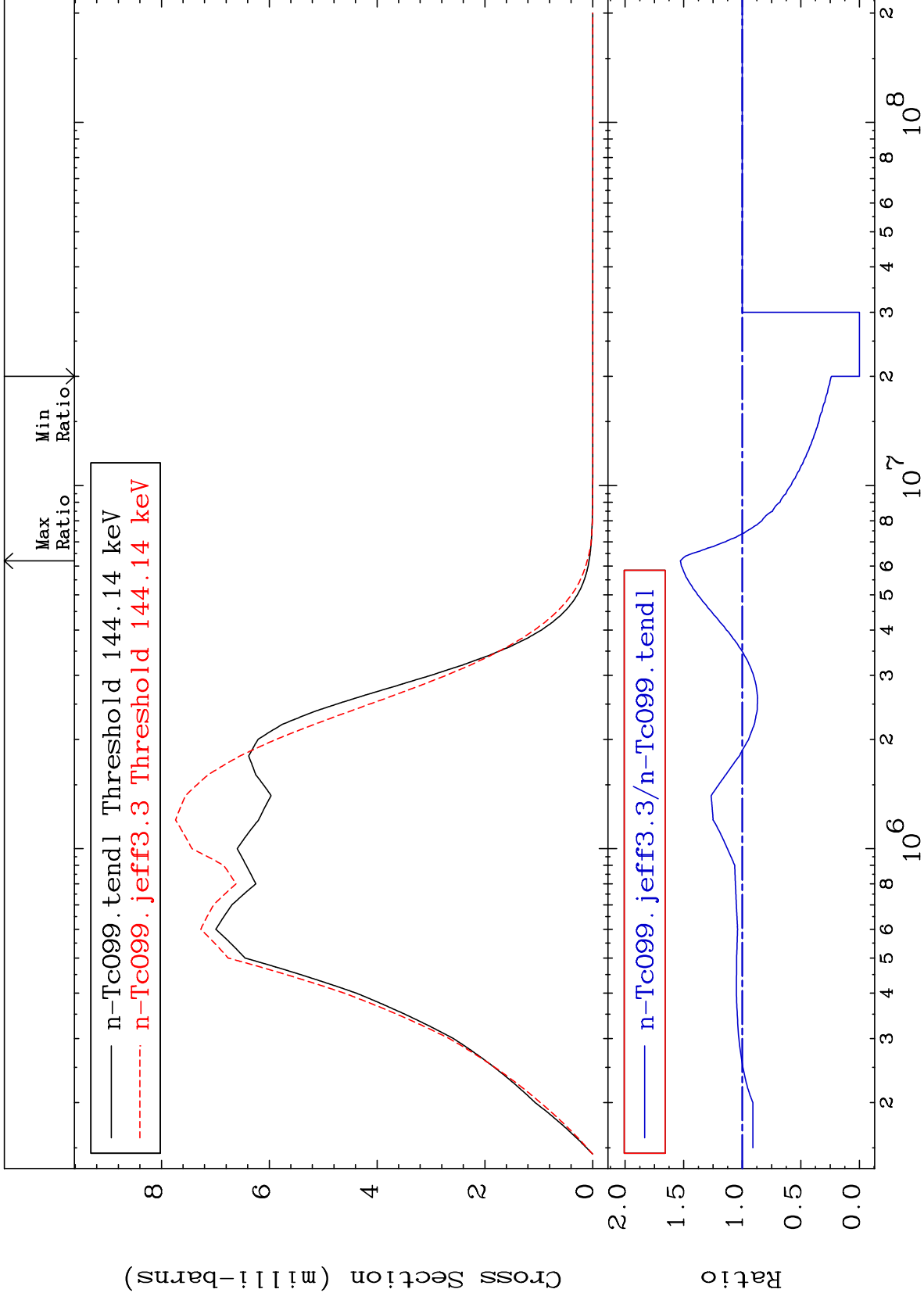
43-Tc-99
-100.0 To 118.6 %



MAT 4325

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

43-Tc-99
-100.0 To 52.87 %



14

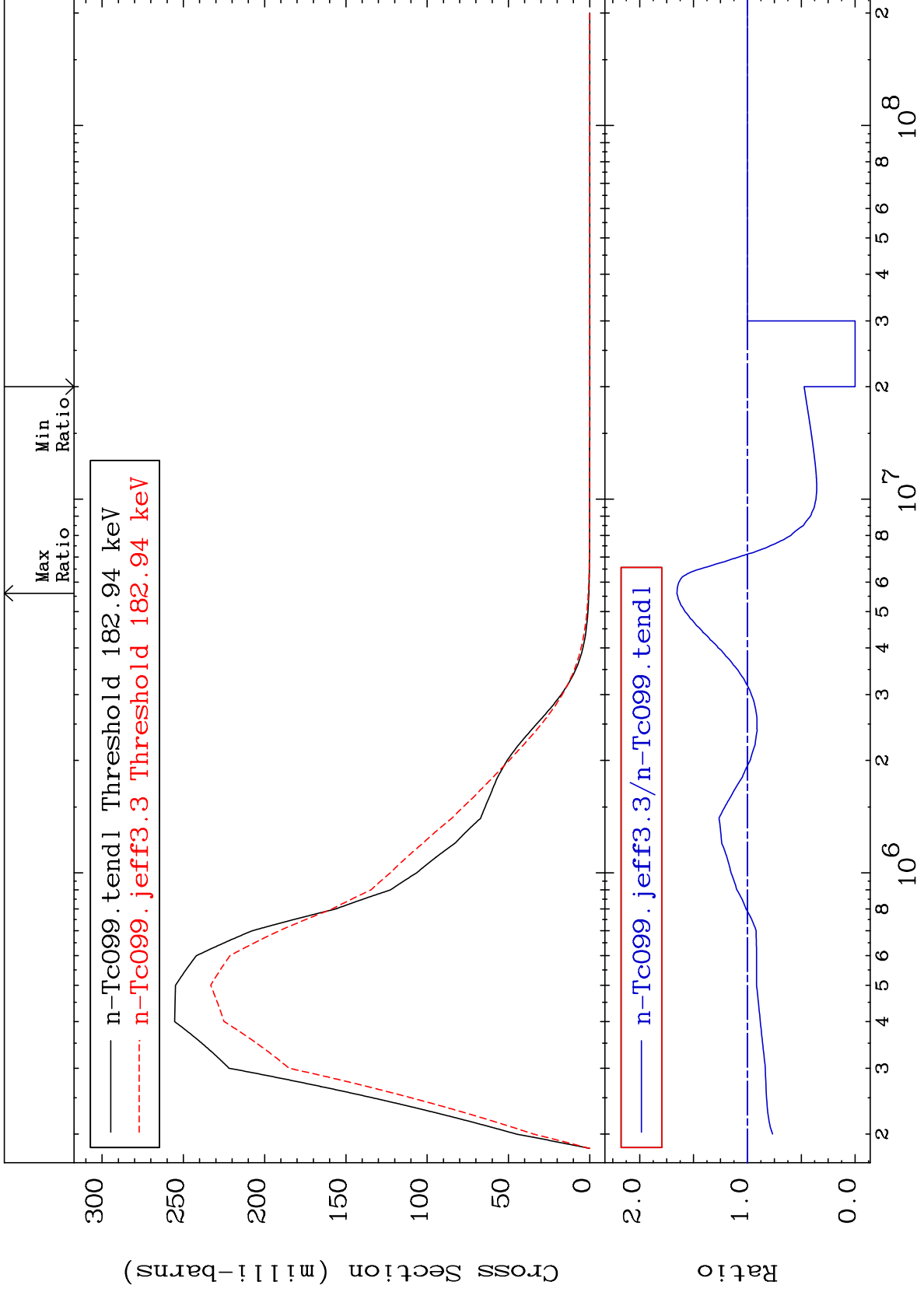
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 65.47 %



15

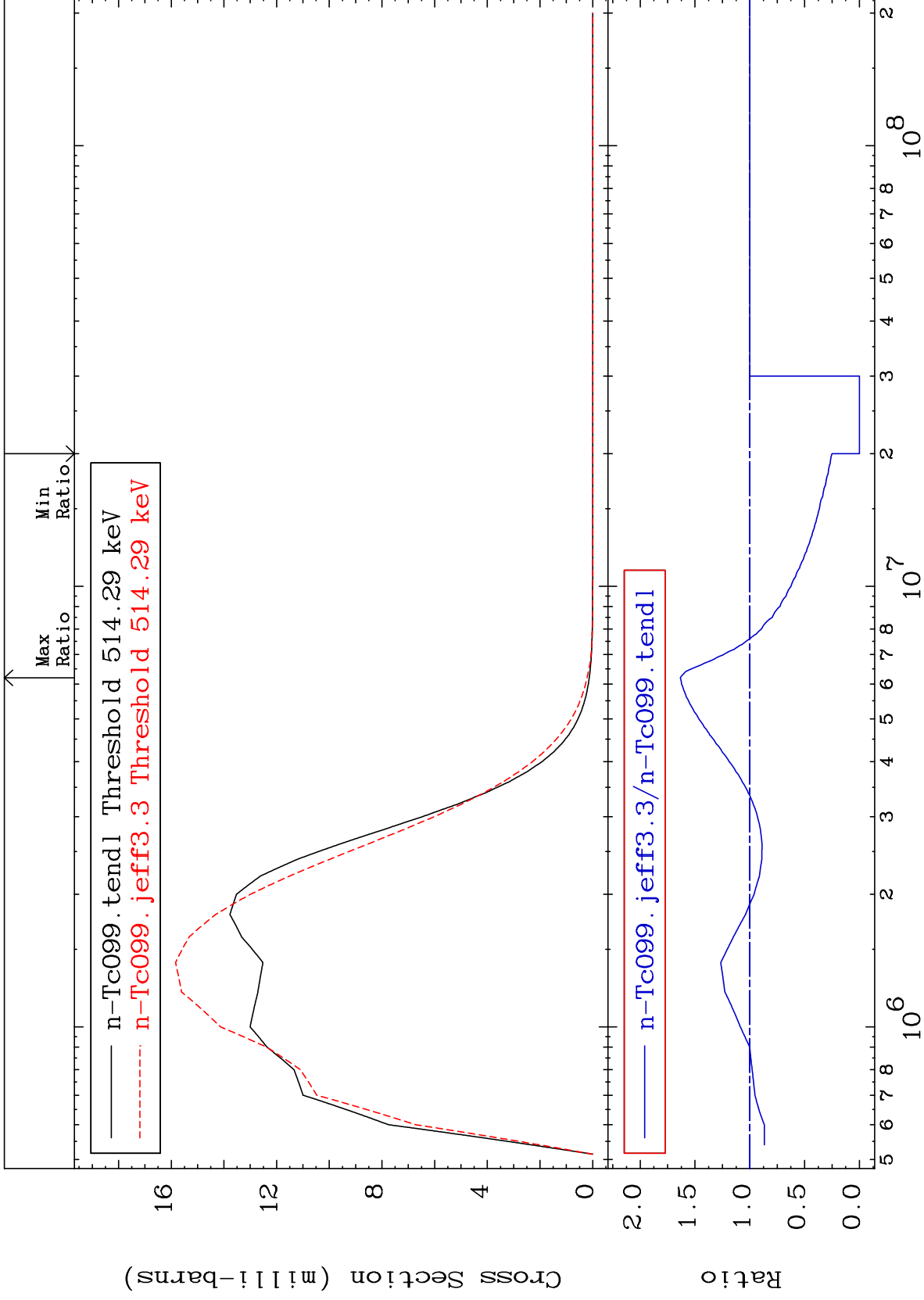
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 63.35 %



16

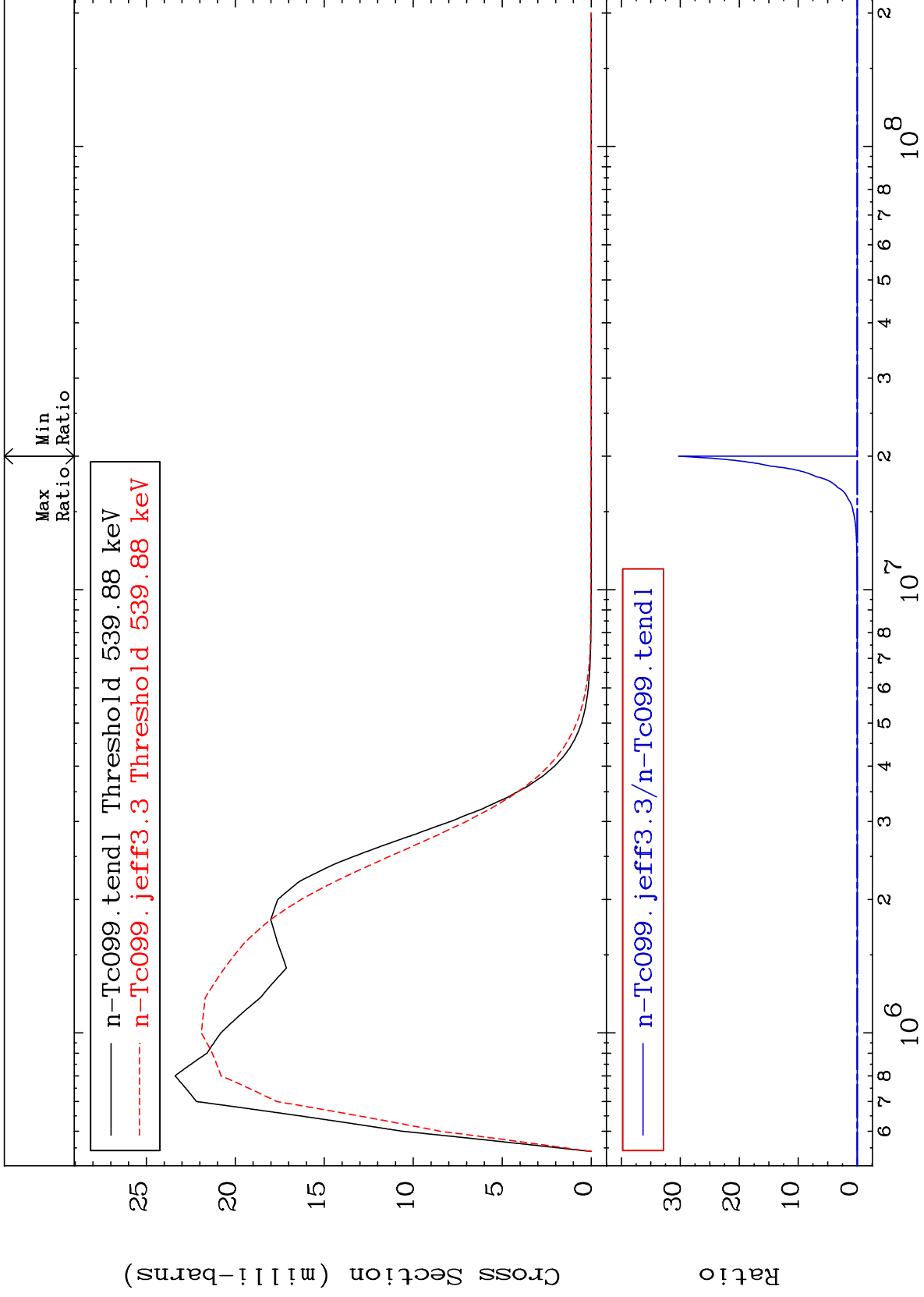
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 9999. %



17

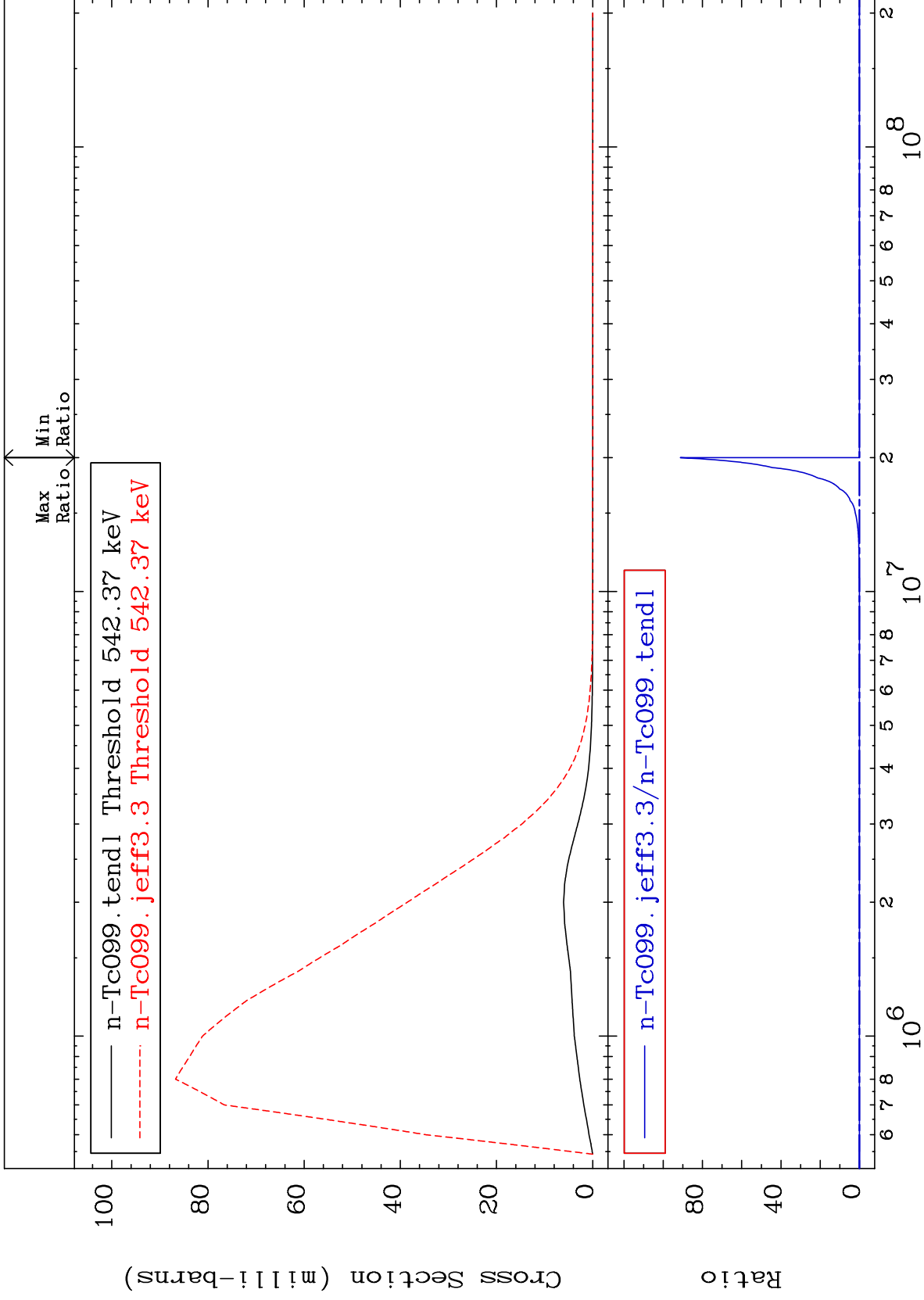
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 9999. %



18

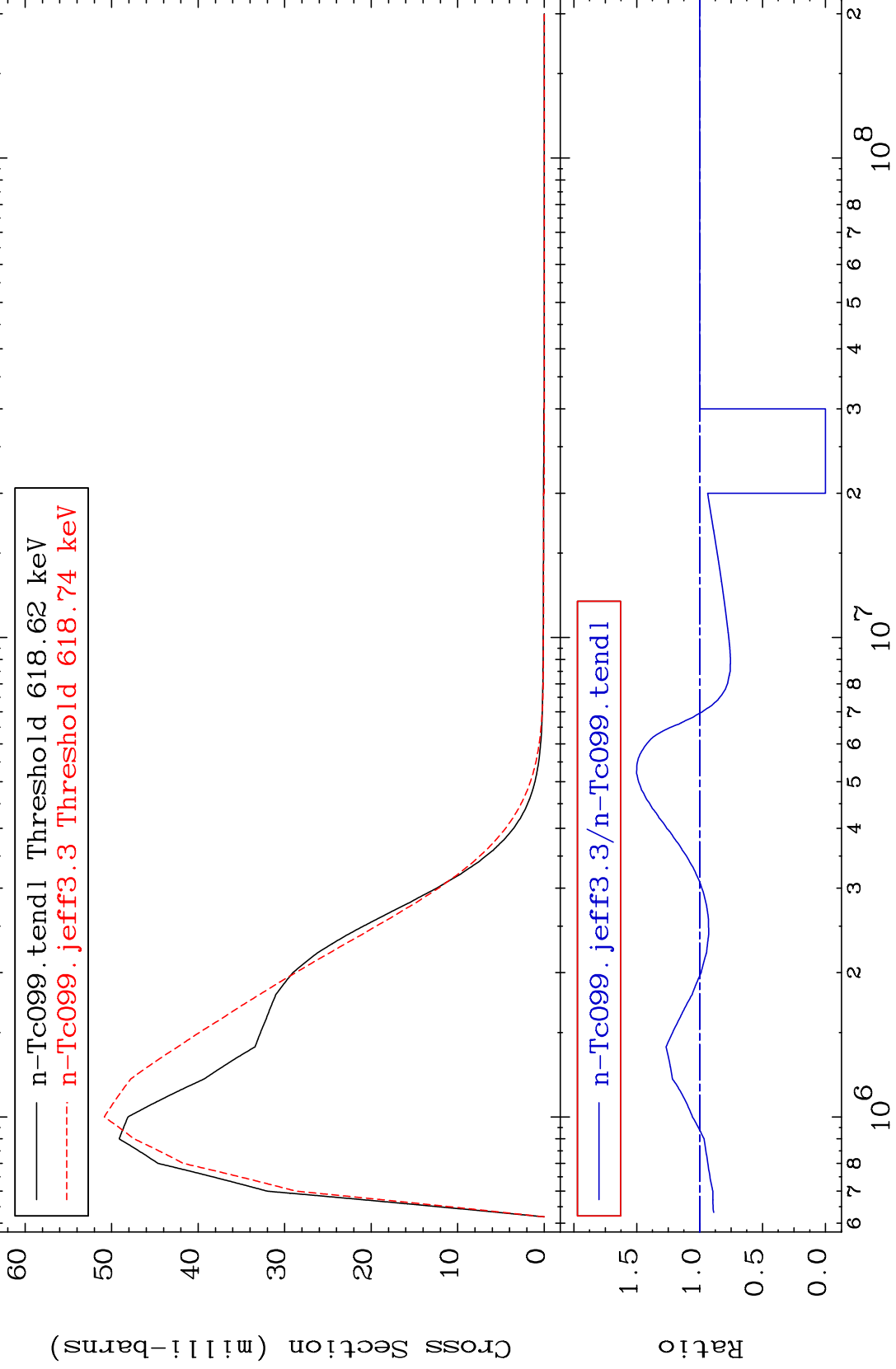
Incident Energy (eV)

43-Tc-99

MAT 4325

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

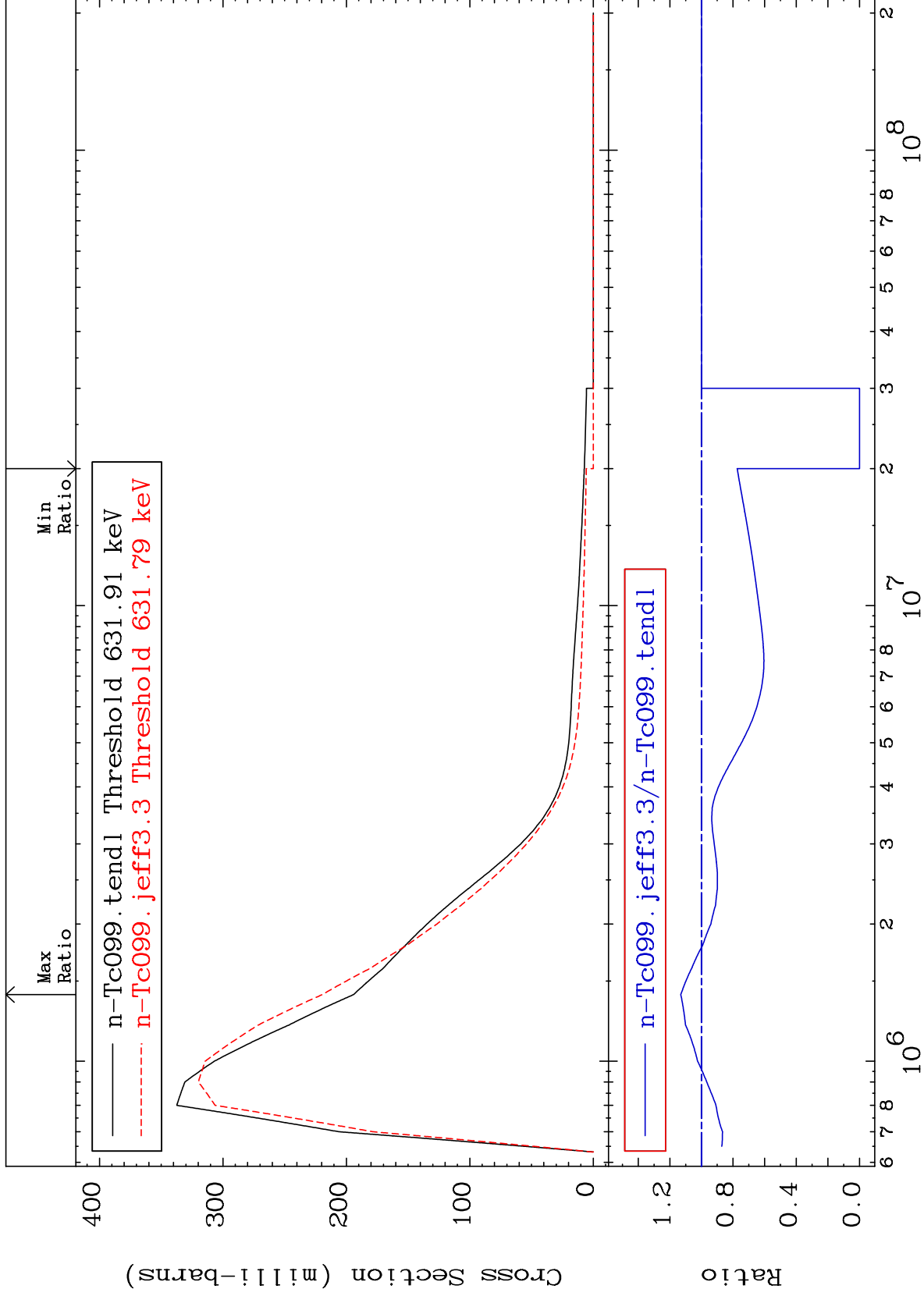
43-Tc-99
-100.0 To 50.13 %



MAT 4325

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

43-Tc-99
-100.0 To 13.07 %



20

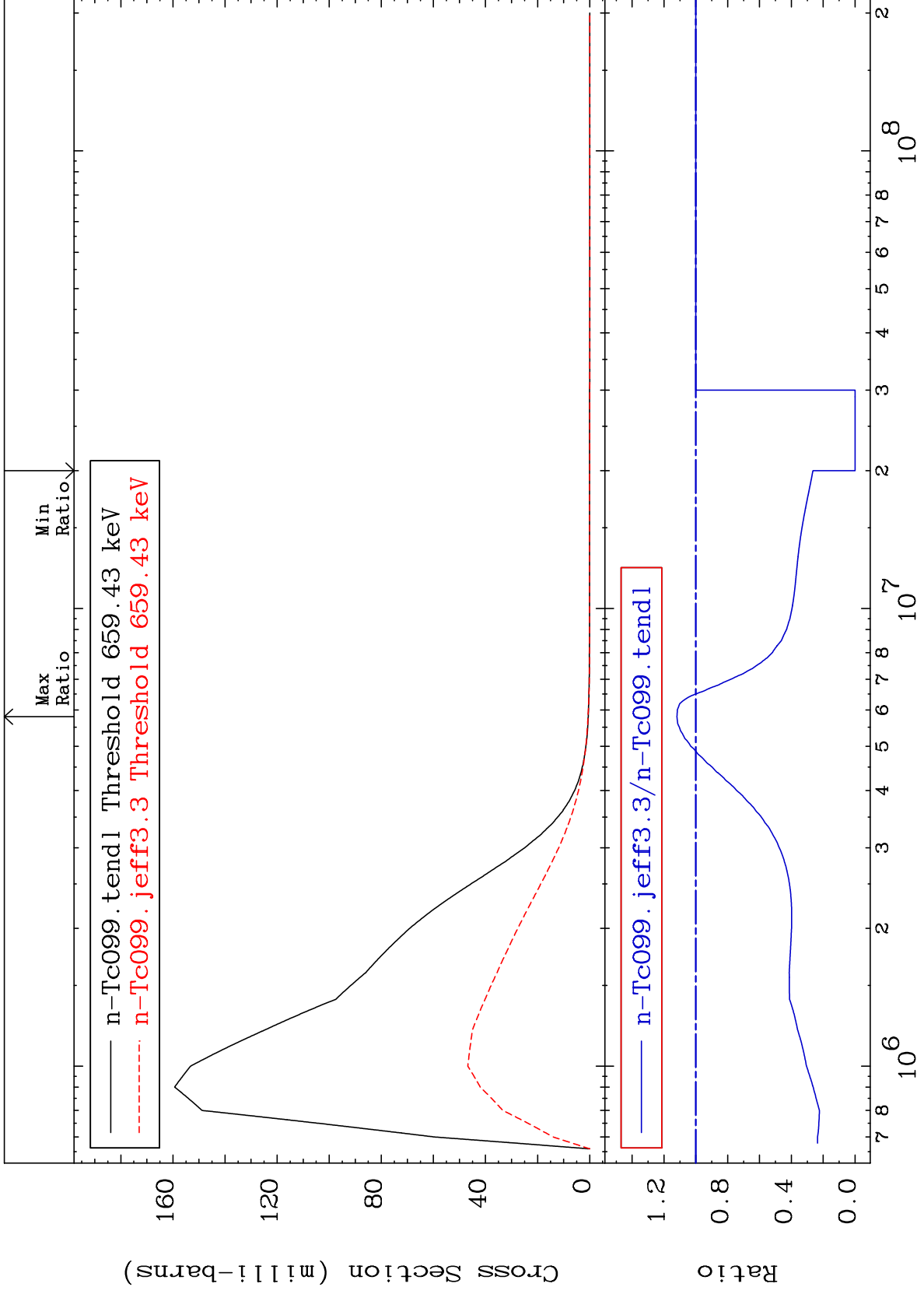
Incident Energy (eV)

43-Tc-99

MAT 4325

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

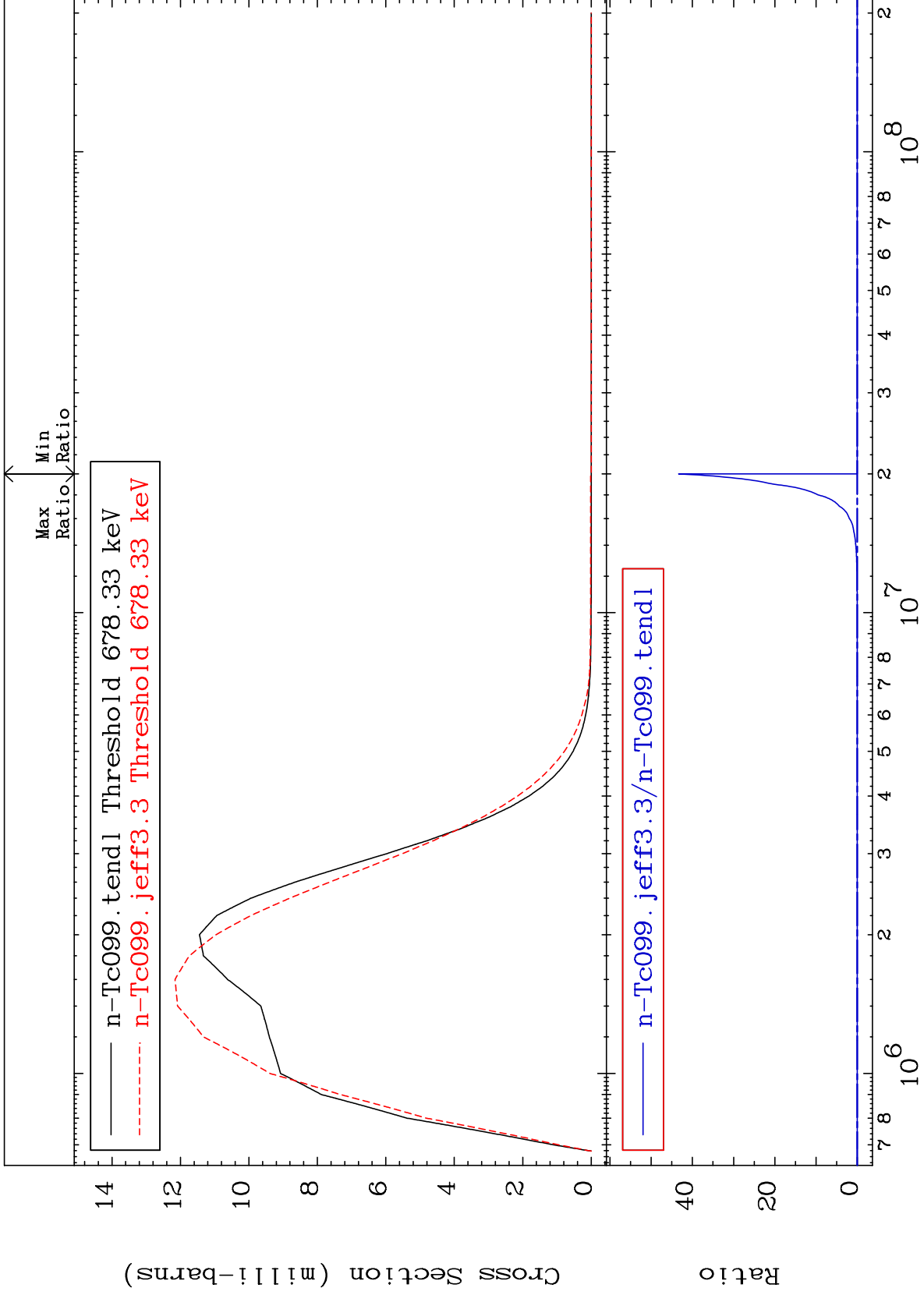
43-Tc-99
-100.0 To 11.88 %



MAT 4325

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

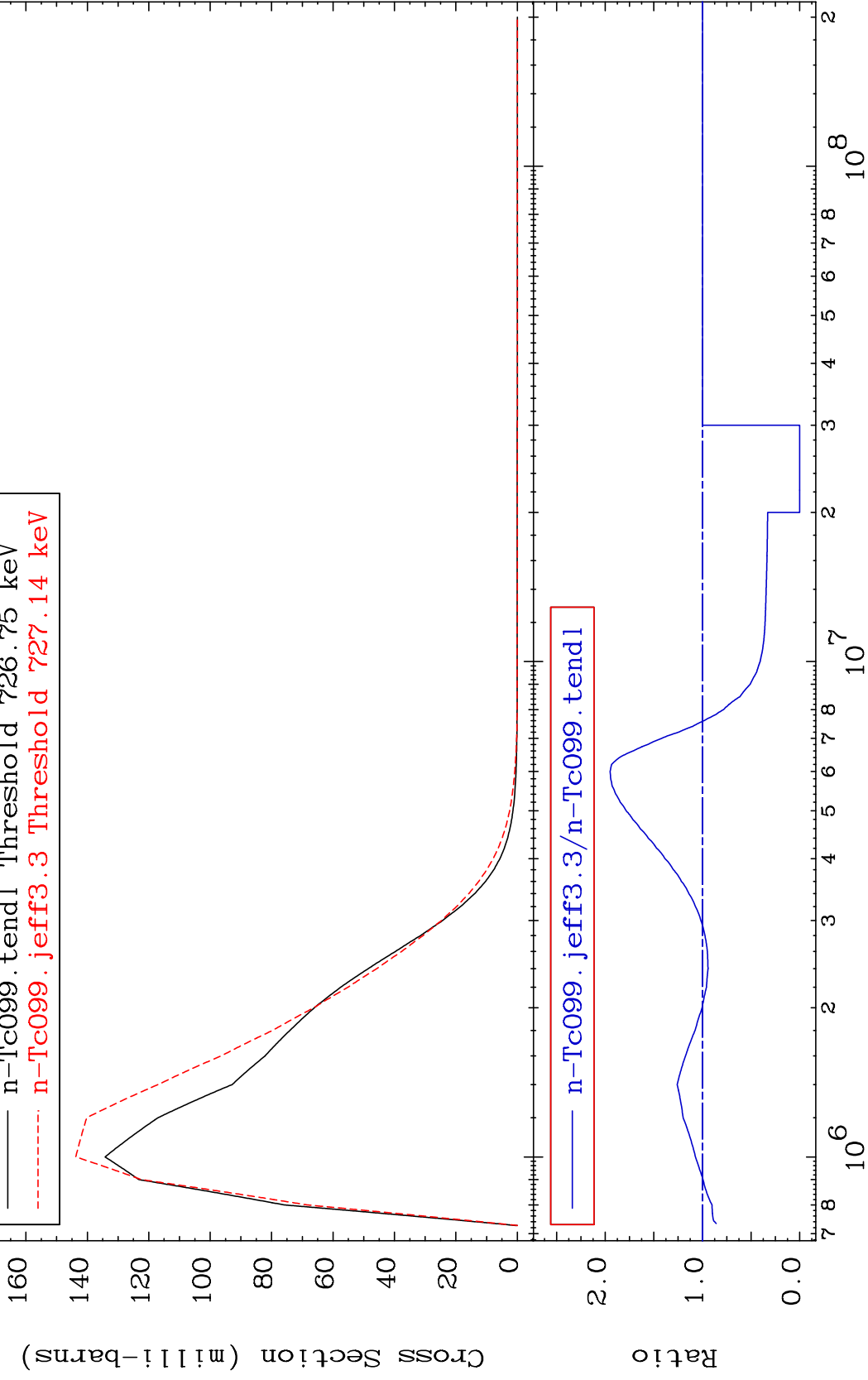
43-Tc-99
-100.0 To 9999. %



MAT 4325

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

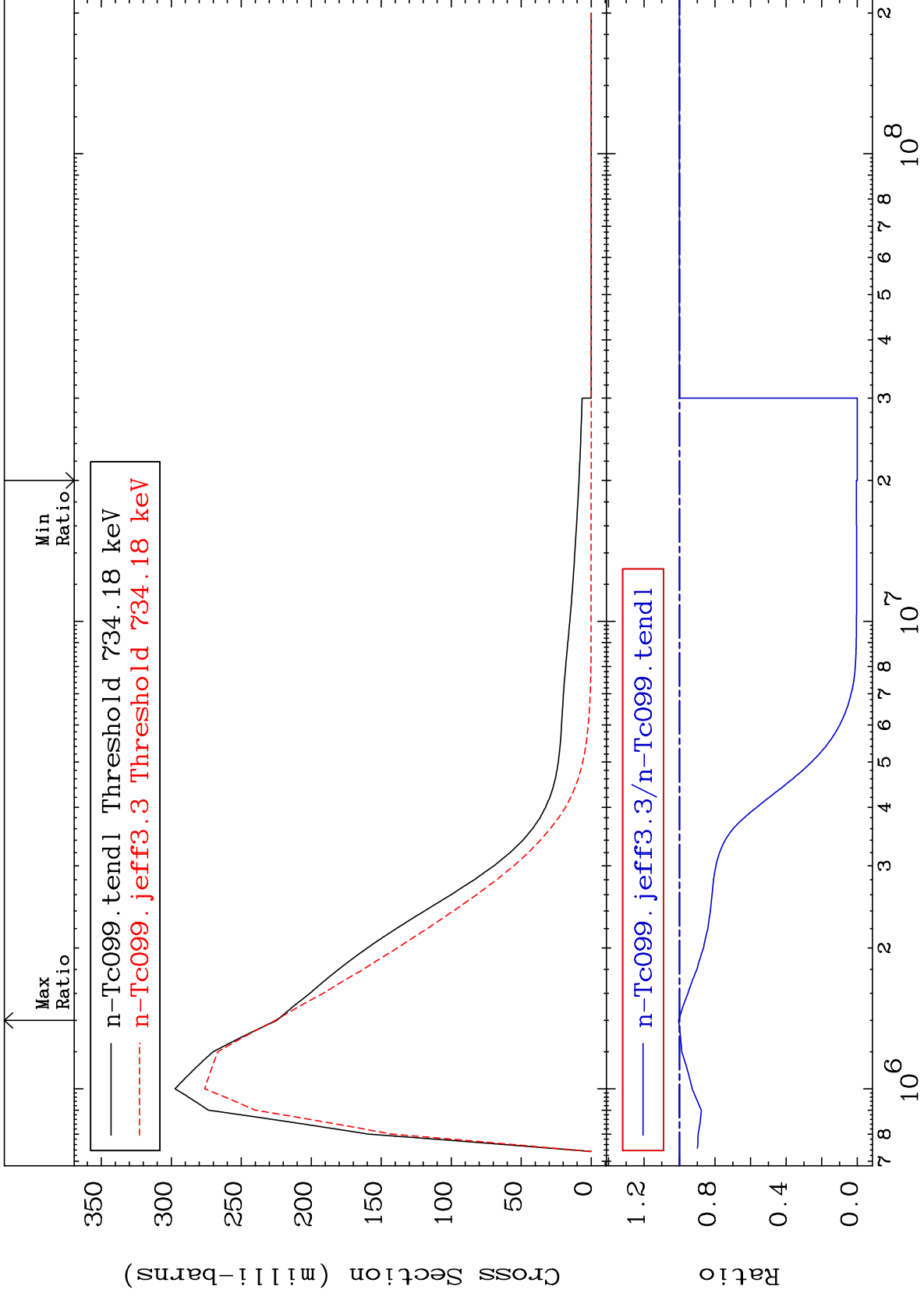
43-Tc-99
-100.0 To 94.96 %



MAT 4325

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

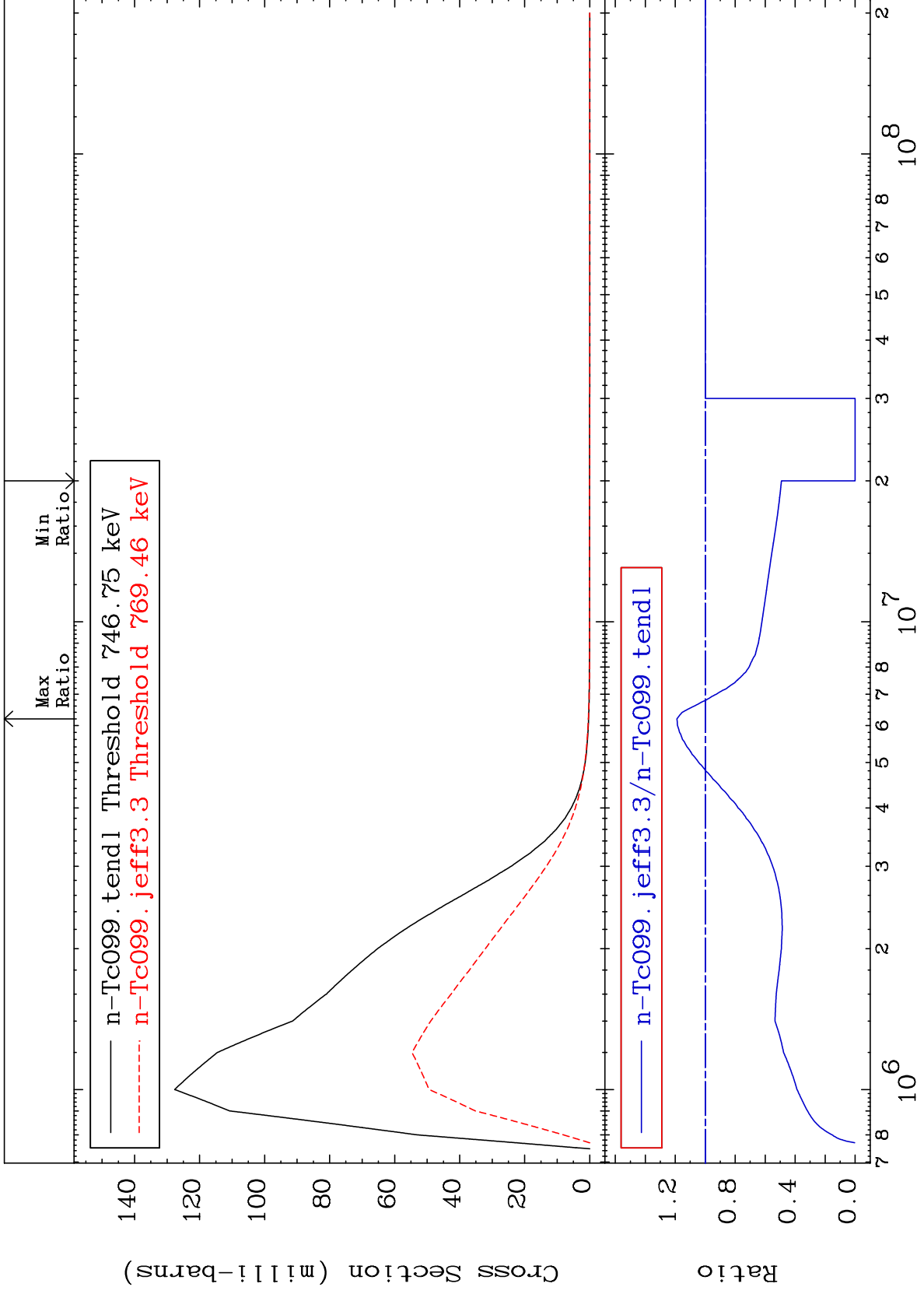
43-Tc-99
-100.0 To 0.493 %



MAT 4325

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

43-Tc-99
-100.0 To 18.89 %



25

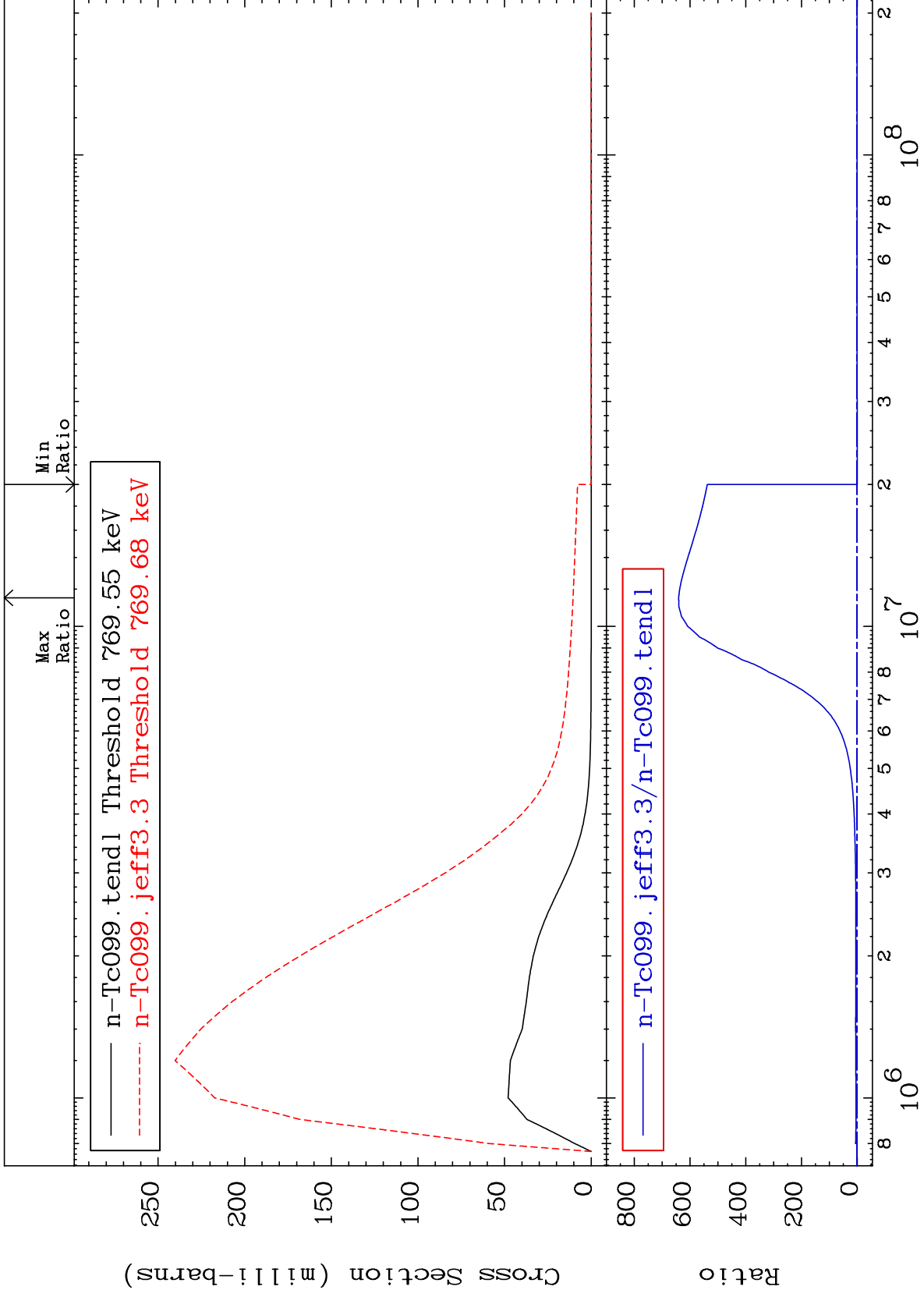
Incident Energy (eV)

43-Tc-99

MAT 4325

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

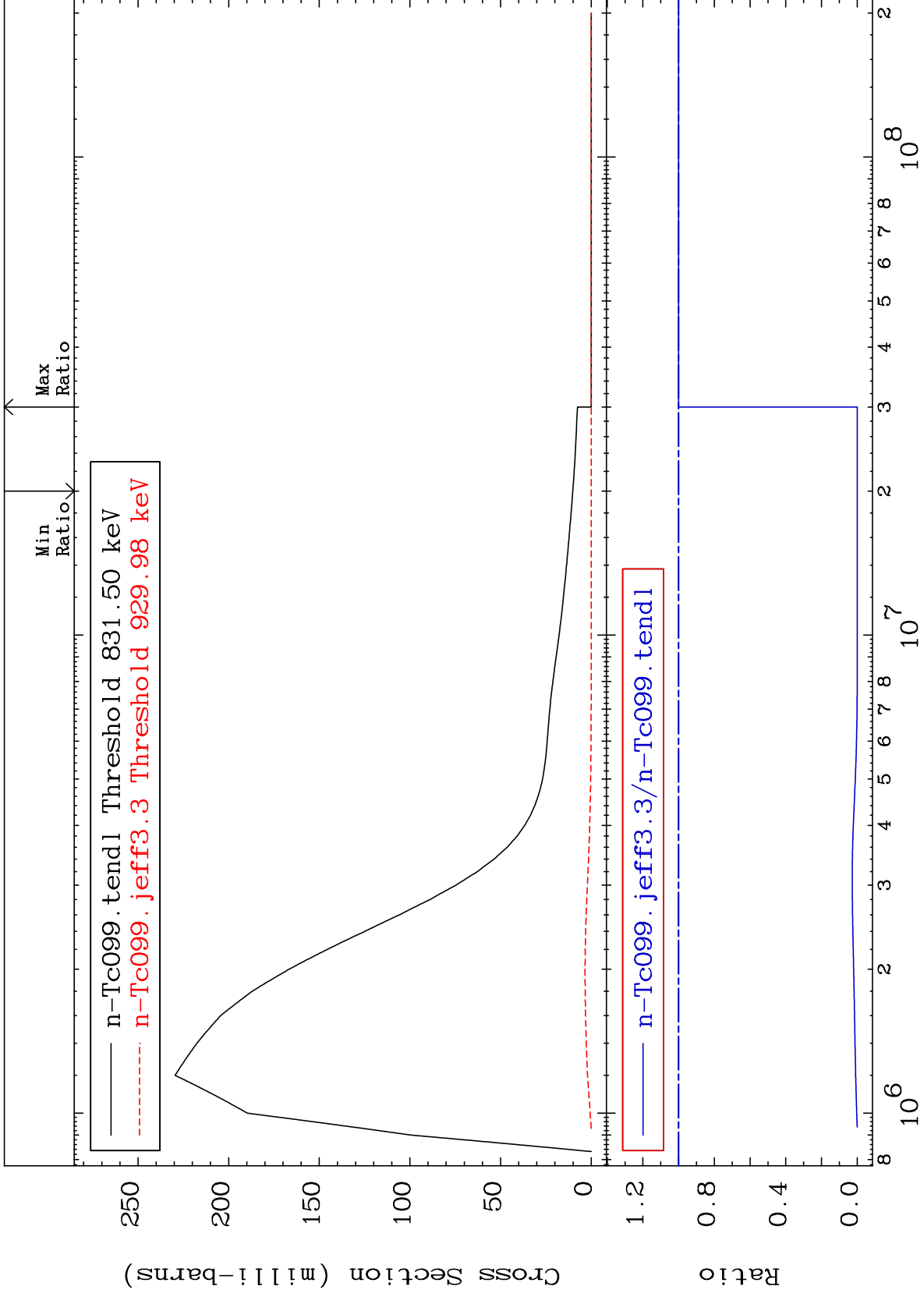
43-Tc-99
-100.0 To 9999. %



MAT 4325

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

43-Tc-99
-100.0 To 0.000 %



27

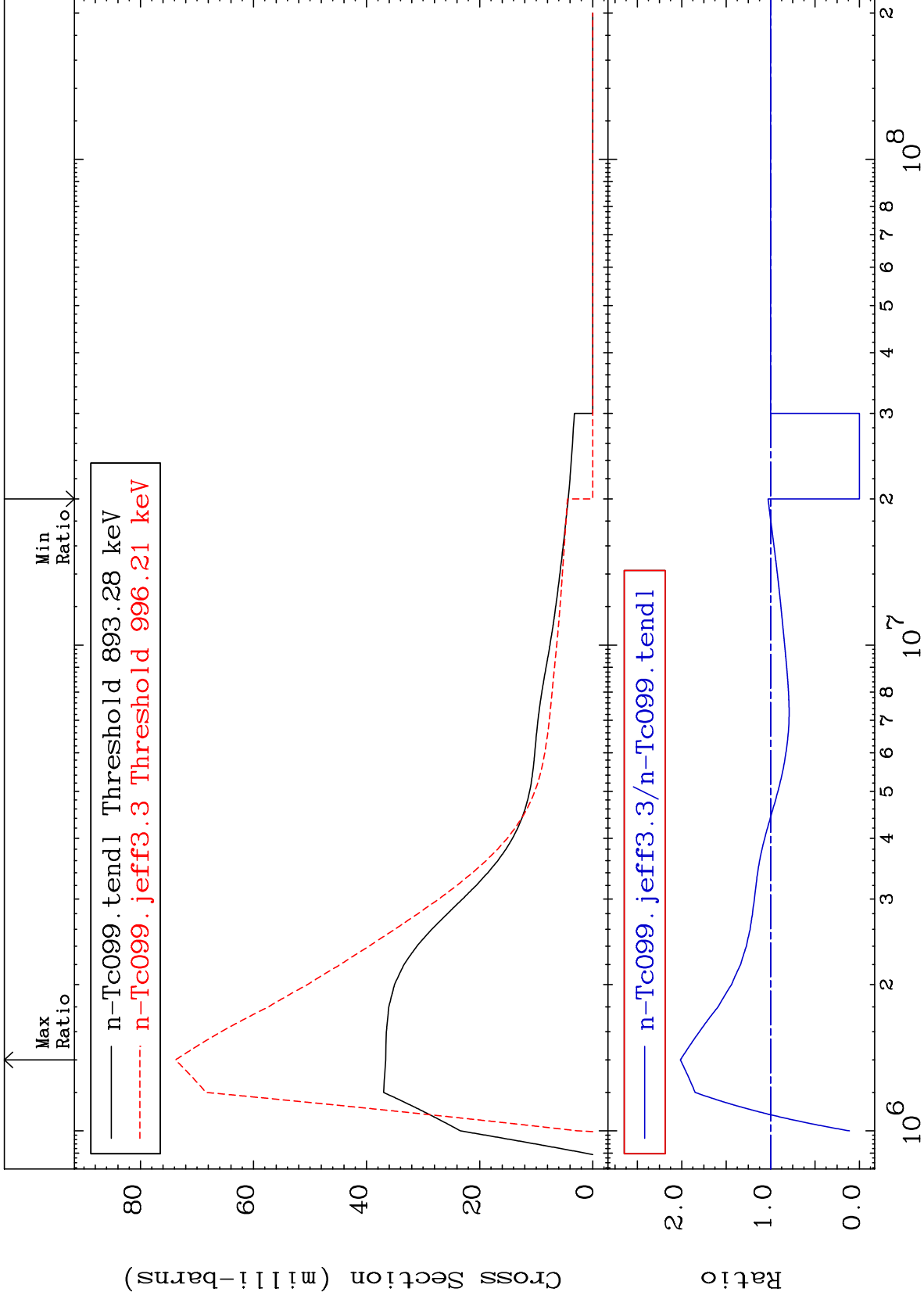
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99
-100.0 To 101.5 %



28

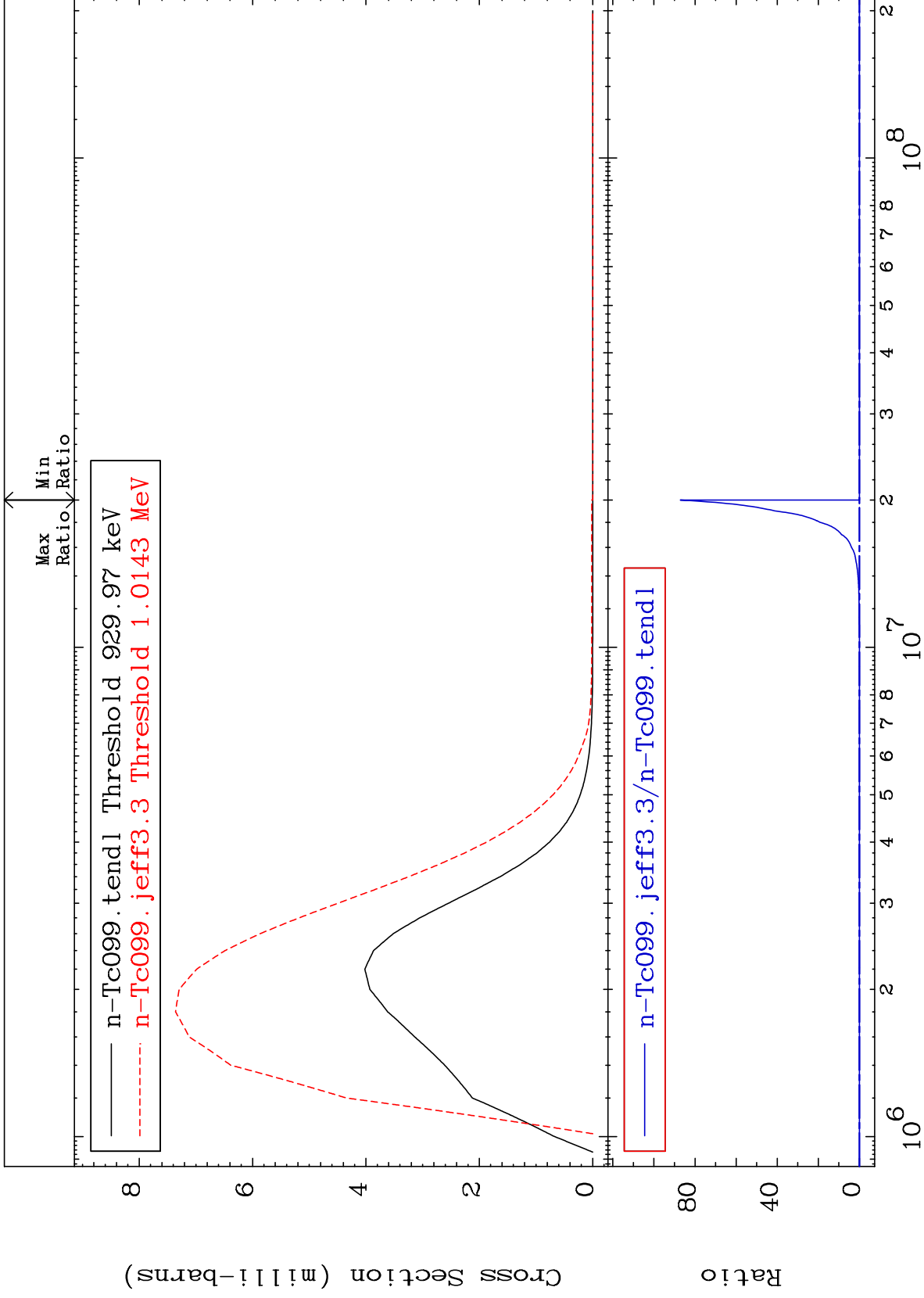
Incident Energy (eV)

43-Tc-99

MAT 4325

MT= 67 (n, n') Level
Cross Section

43-Tc-99
-100.0 To 9999. %



29

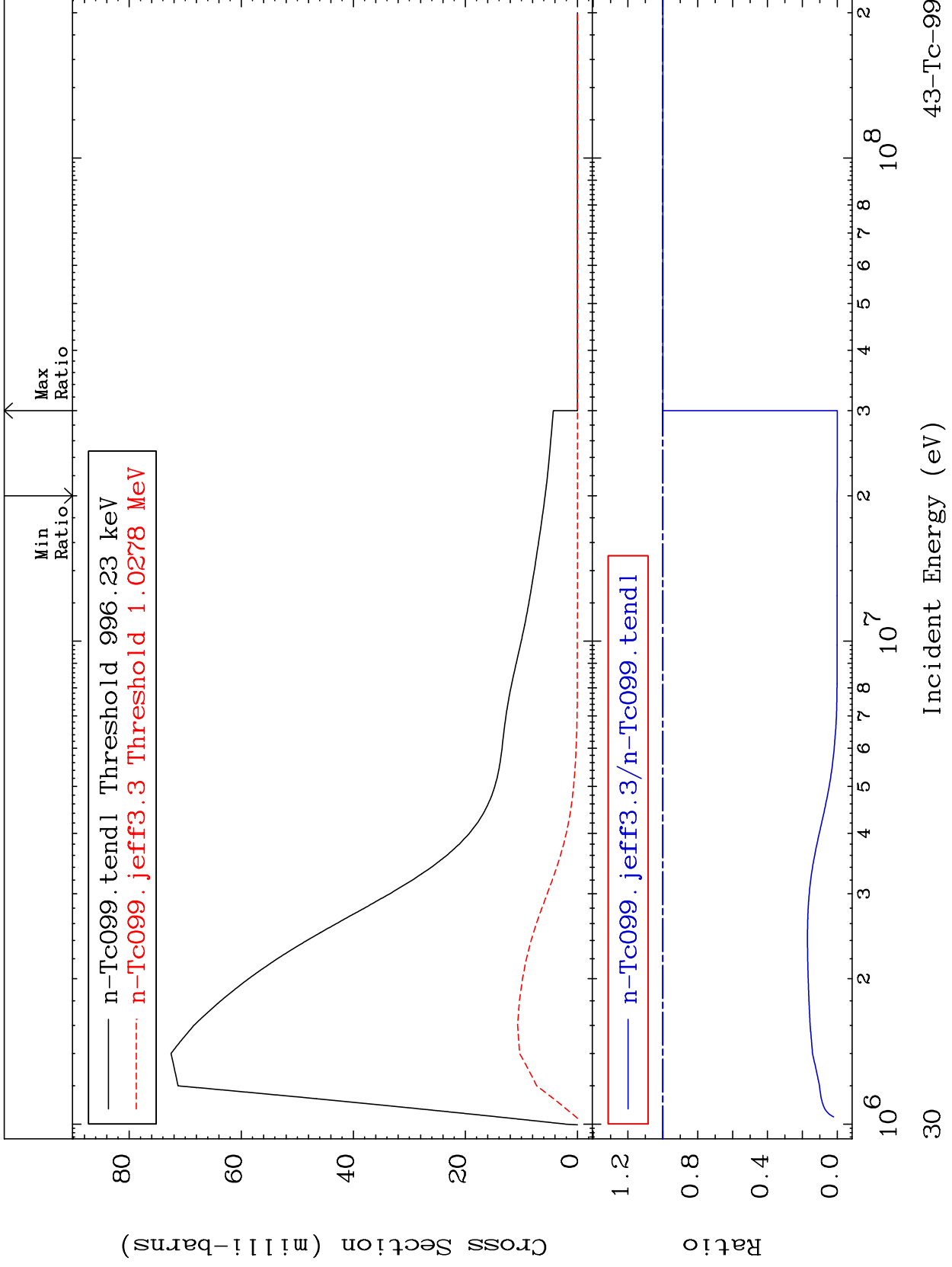
Incident Energy (eV)

43-Tc-99

MAT 4325

MT= 68 (n,n') Level
Cross Section

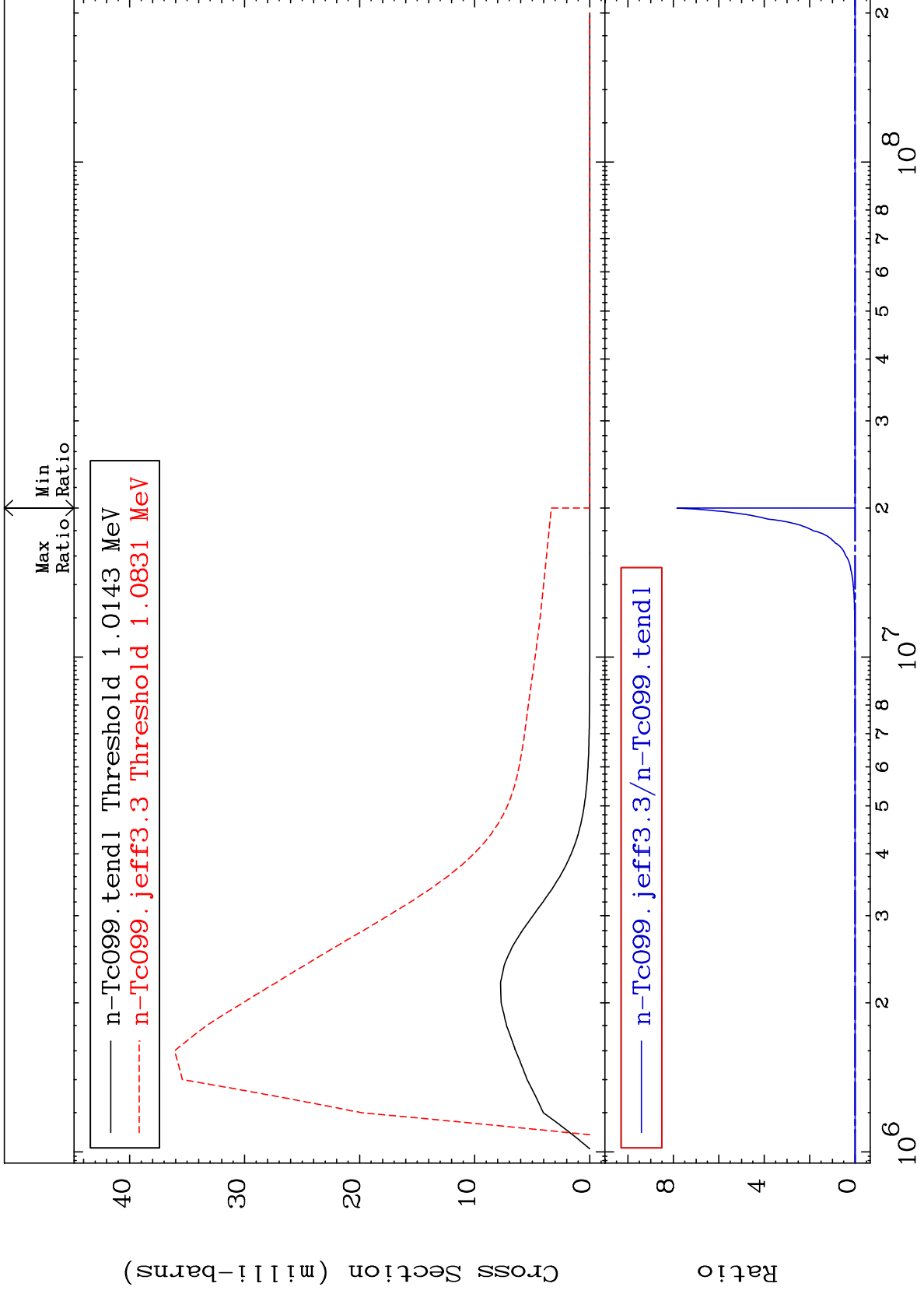
43-Tc-99
-100.0 To 0.000 %



MAT 4325

MT= 69 (n,n') Level
Cross Section

43-Tc-99
-100.0 To 9999. %



31

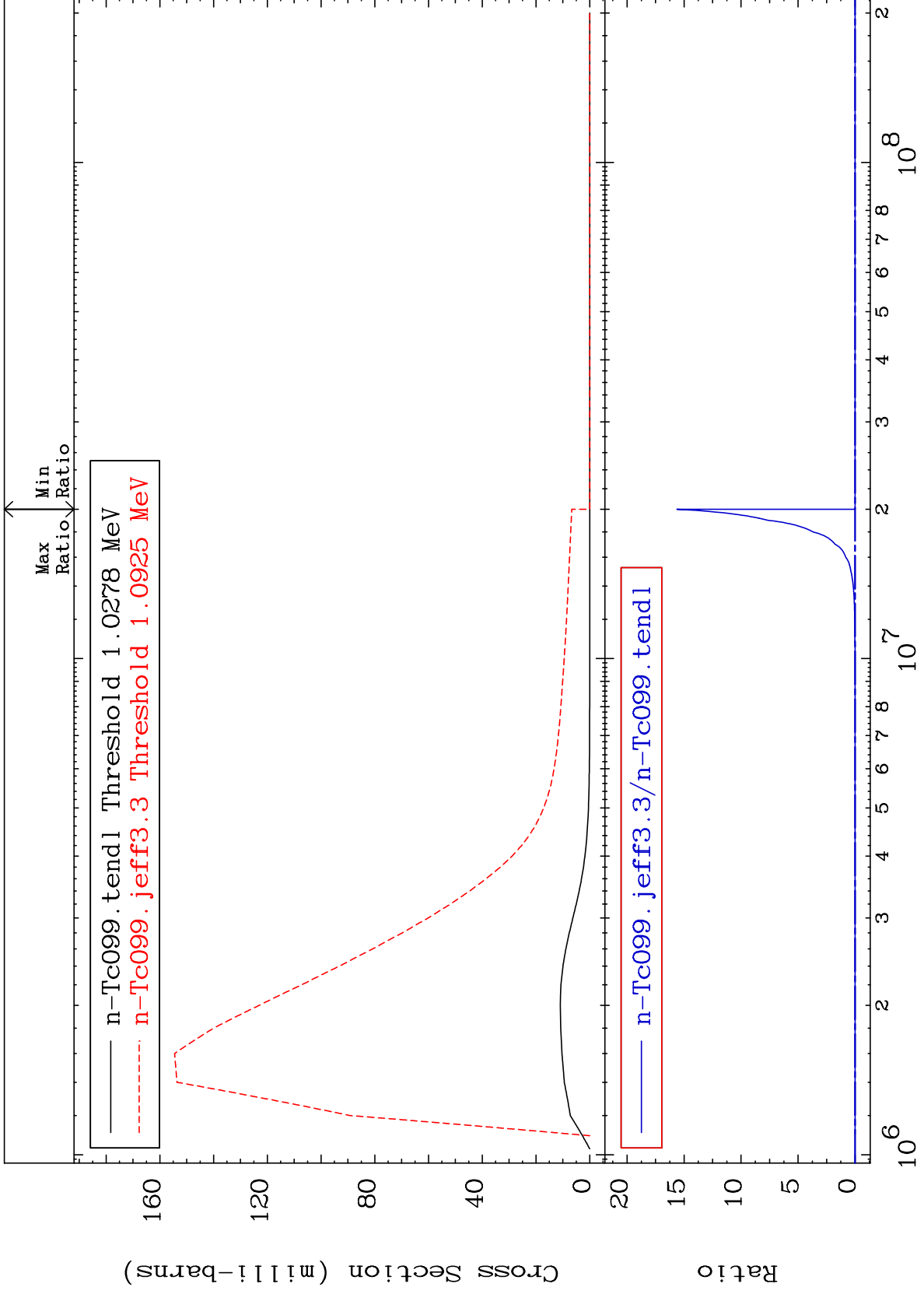
Incident Energy (eV)

43-Tc-99

MAT 4325

MT= 70 (n,n') Level
Cross Section

43-Tc-99
-100.0 To 9999. %



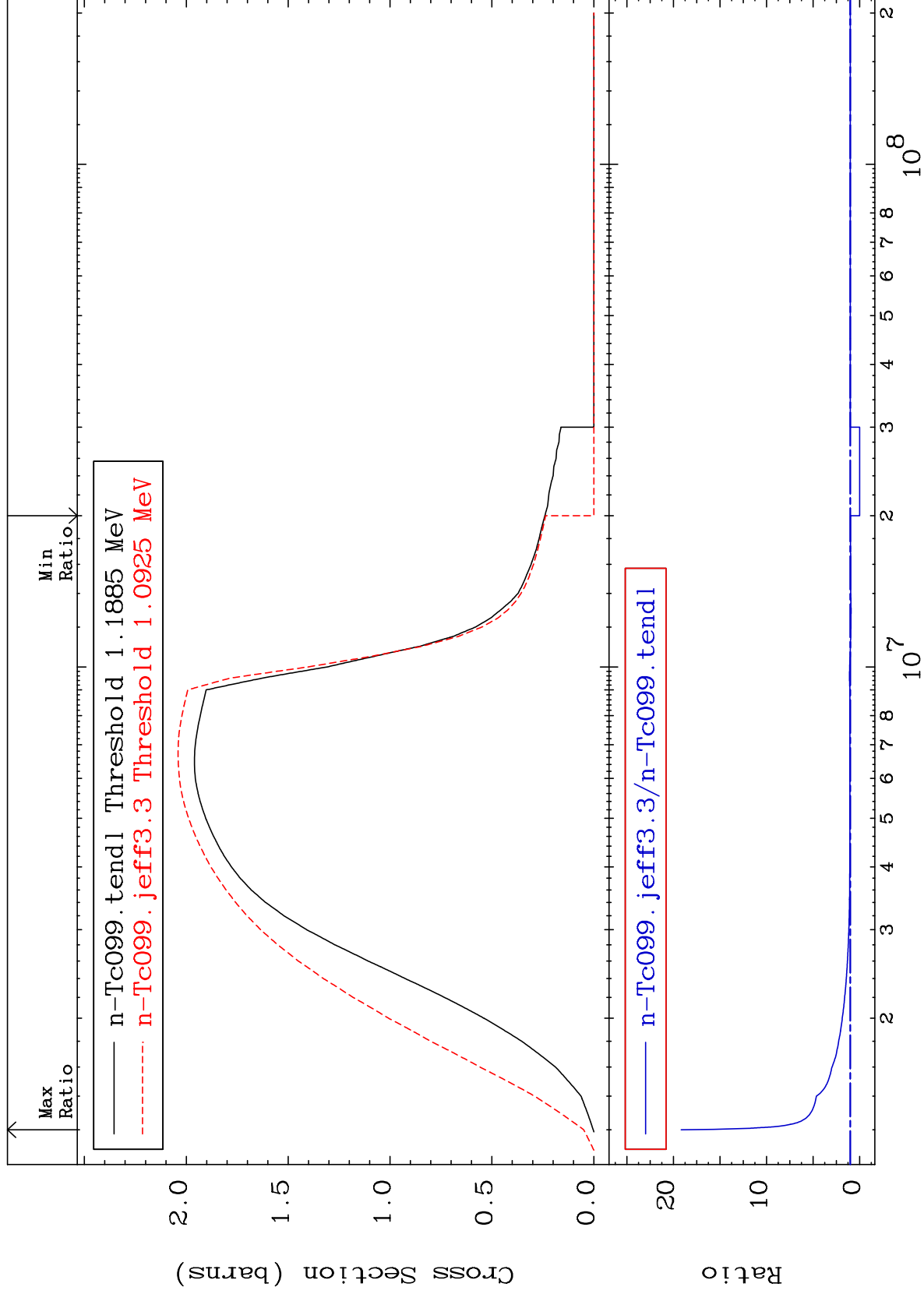
32

43-Tc-99

MAT 4325

(n, n') Continuum
Cross Section

43-Tc-99
-100.0 To 1817. %

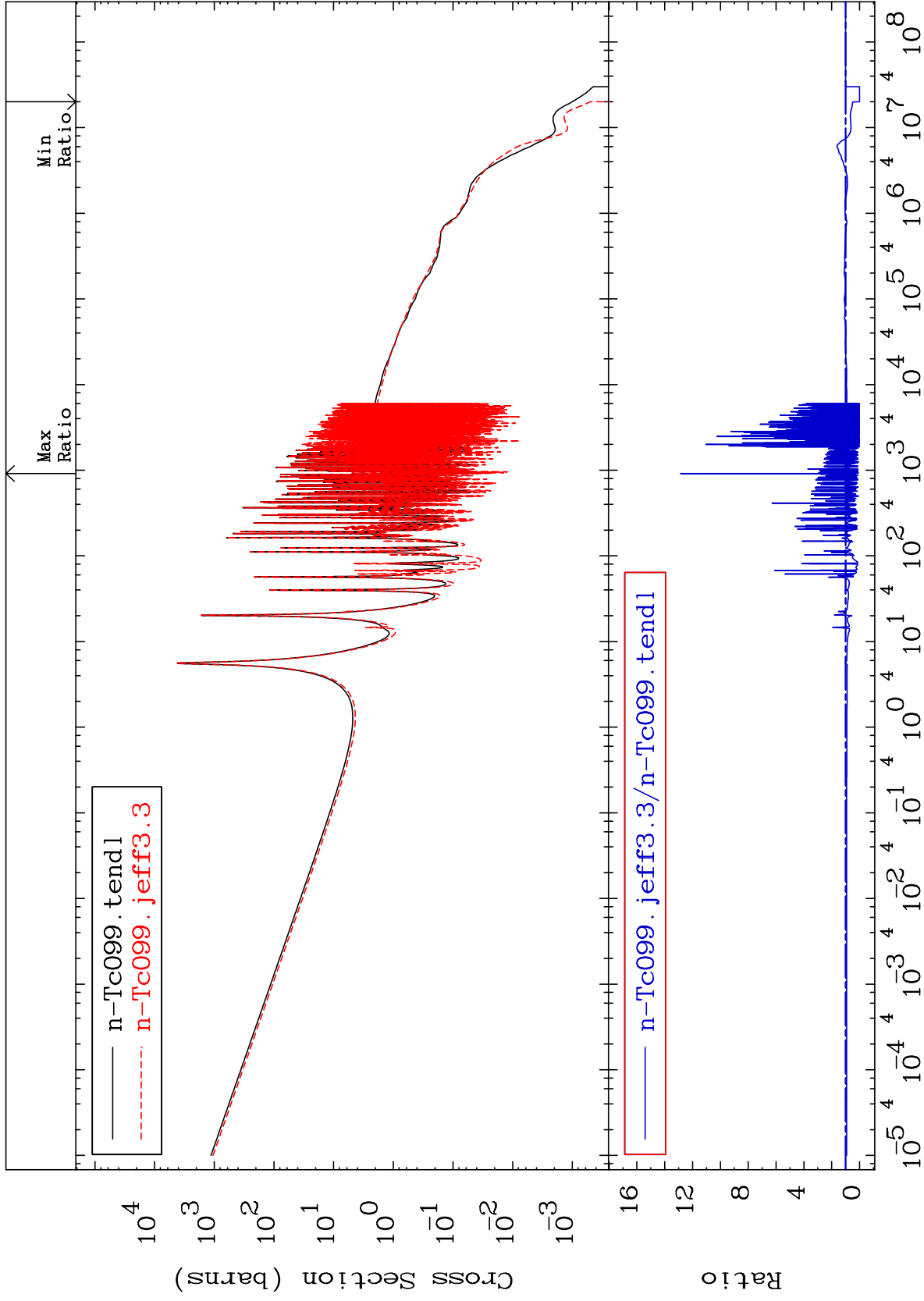


MAT 4325

(n, γ)
Cross Section

43-Tc-99

-100.0 To 1185. %



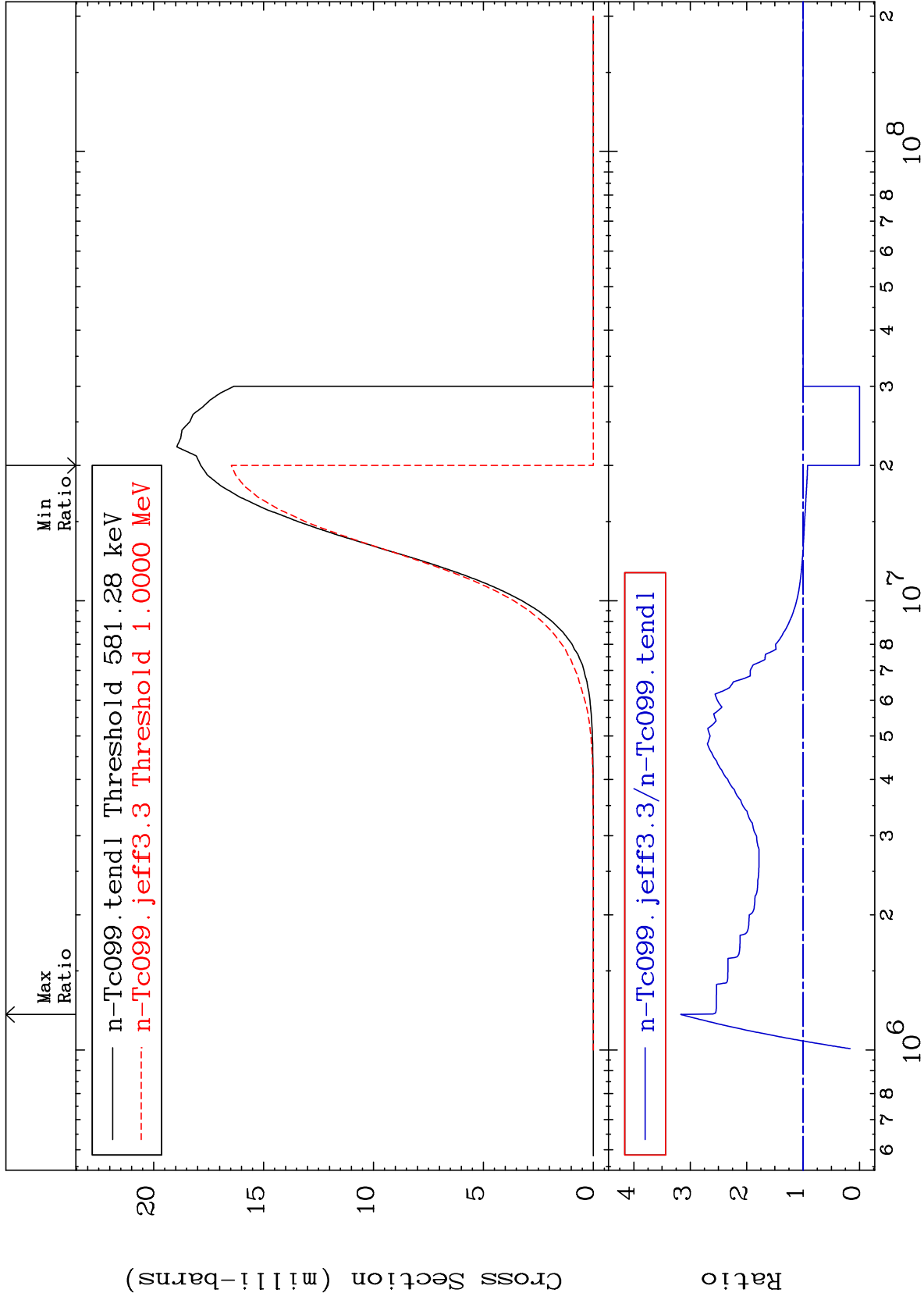
MAT 4325

(n,p)

⁴³Tc-99

Cross Section

-100.0 To 216.9 %



35

Incident Energy (eV)

⁴³Tc-99

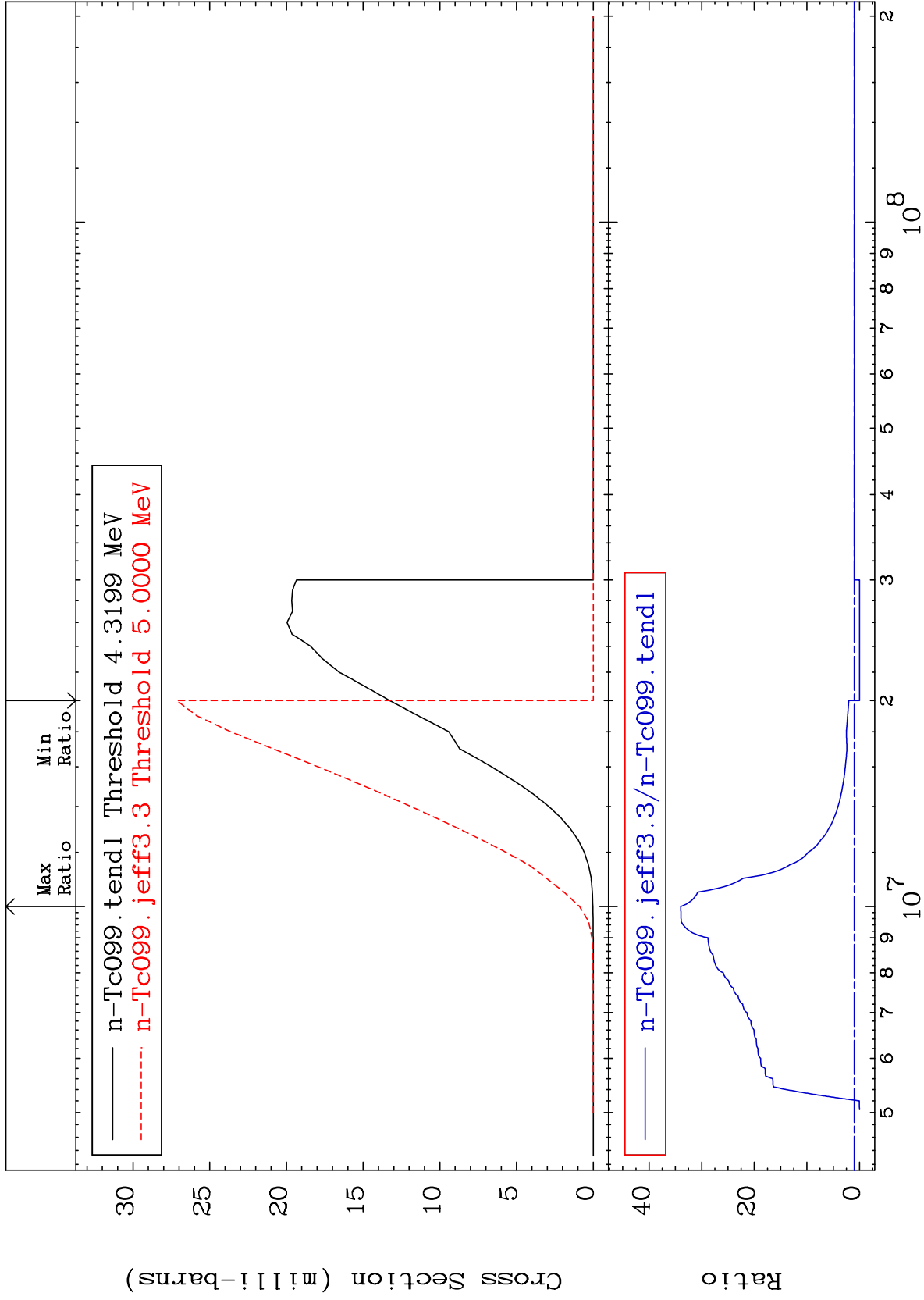
MAT 4325

(n, d)

43-Tc-99

Cross Section

-100.0 To 3297. %



36

Incident Energy (eV)

43-Tc-99

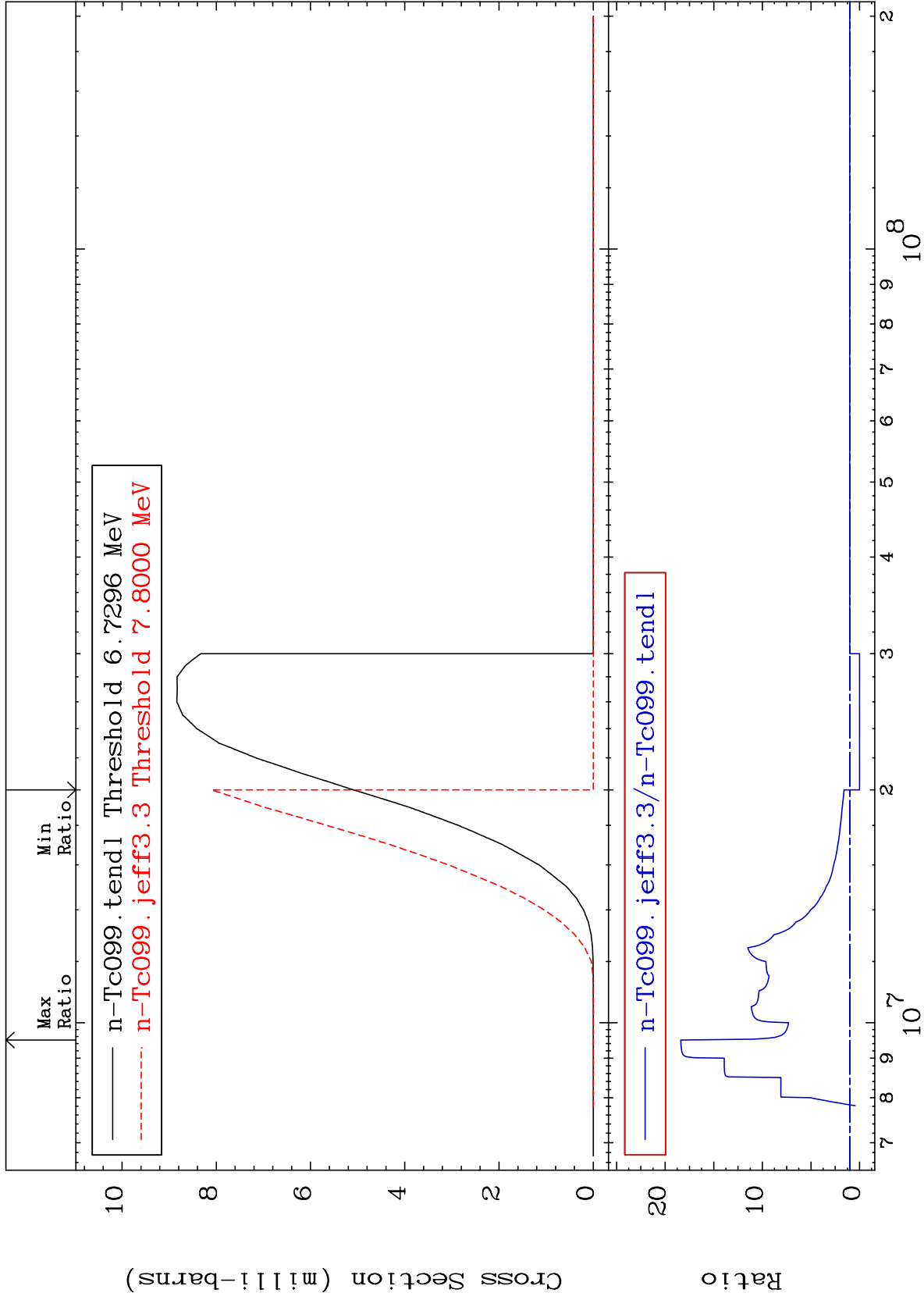
MAT 4325

(n, t)

43-Tc-99

Cross Section

-100.0 To 1739. %



37

Incident Energy (eV)

43-Tc-99

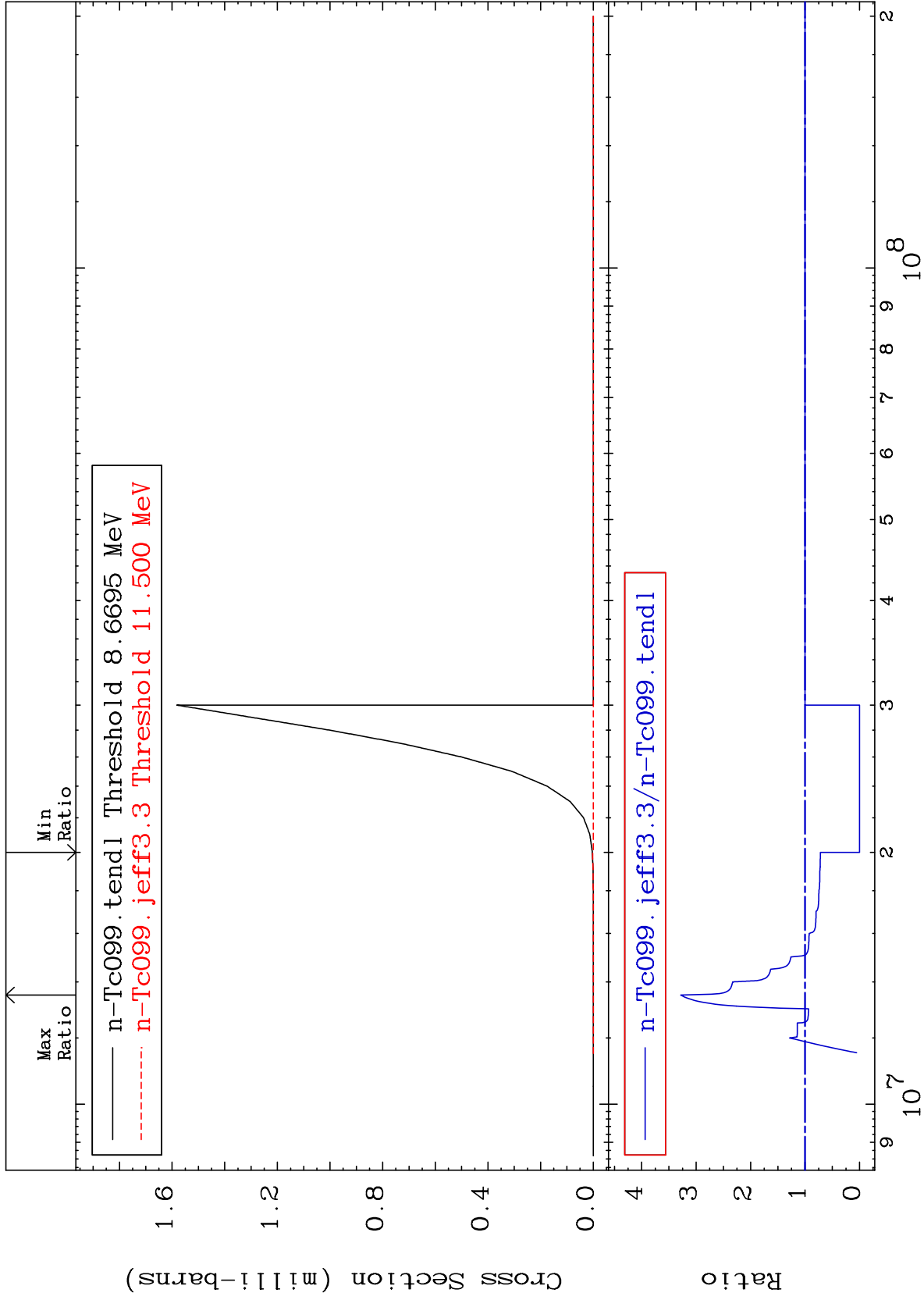
MAT 4325

(n, He-3)

43-Tc-99

Cross Section

-100.0 To 228.2 %



38

Incident Energy (eV)

43-Tc-99

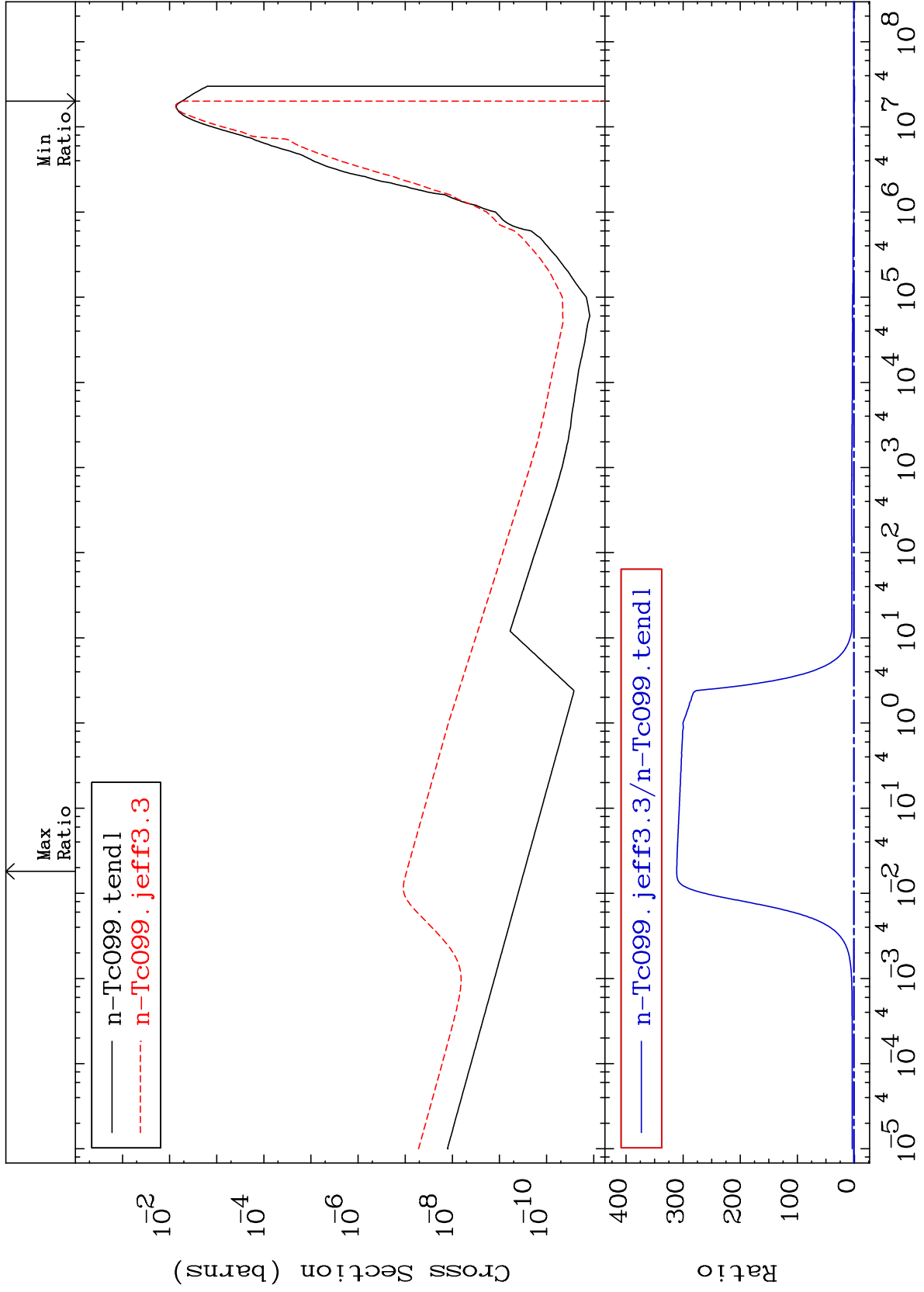
MAT 4325

(n, α)

43-Tc-99

Cross Section

-100.0 To 9999. %



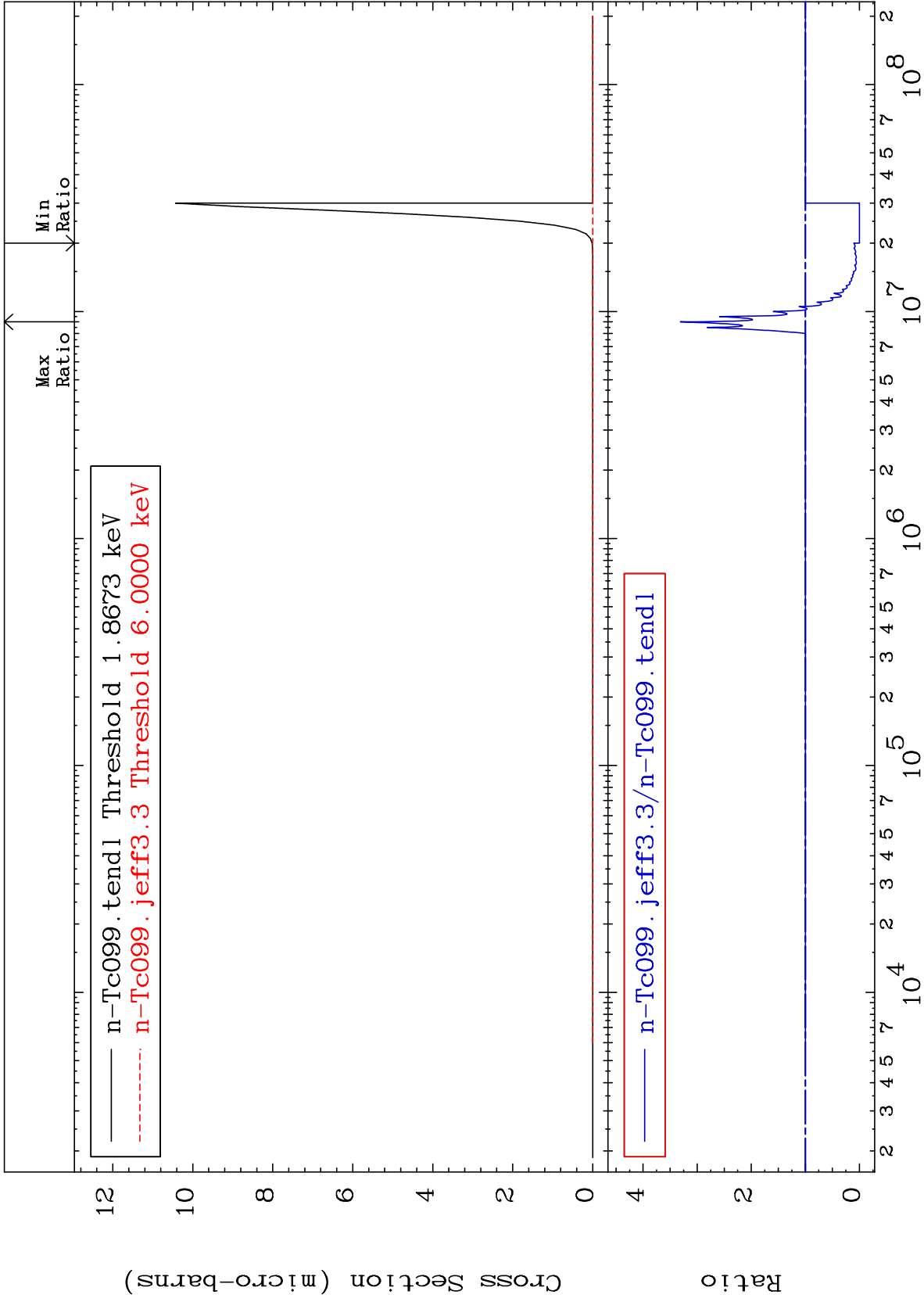
MAT 4325

(n,2α)

43-Tc-99

Cross Section

-100.0 To 231.1 %



40

Incident Energy (eV)

43-Tc-99

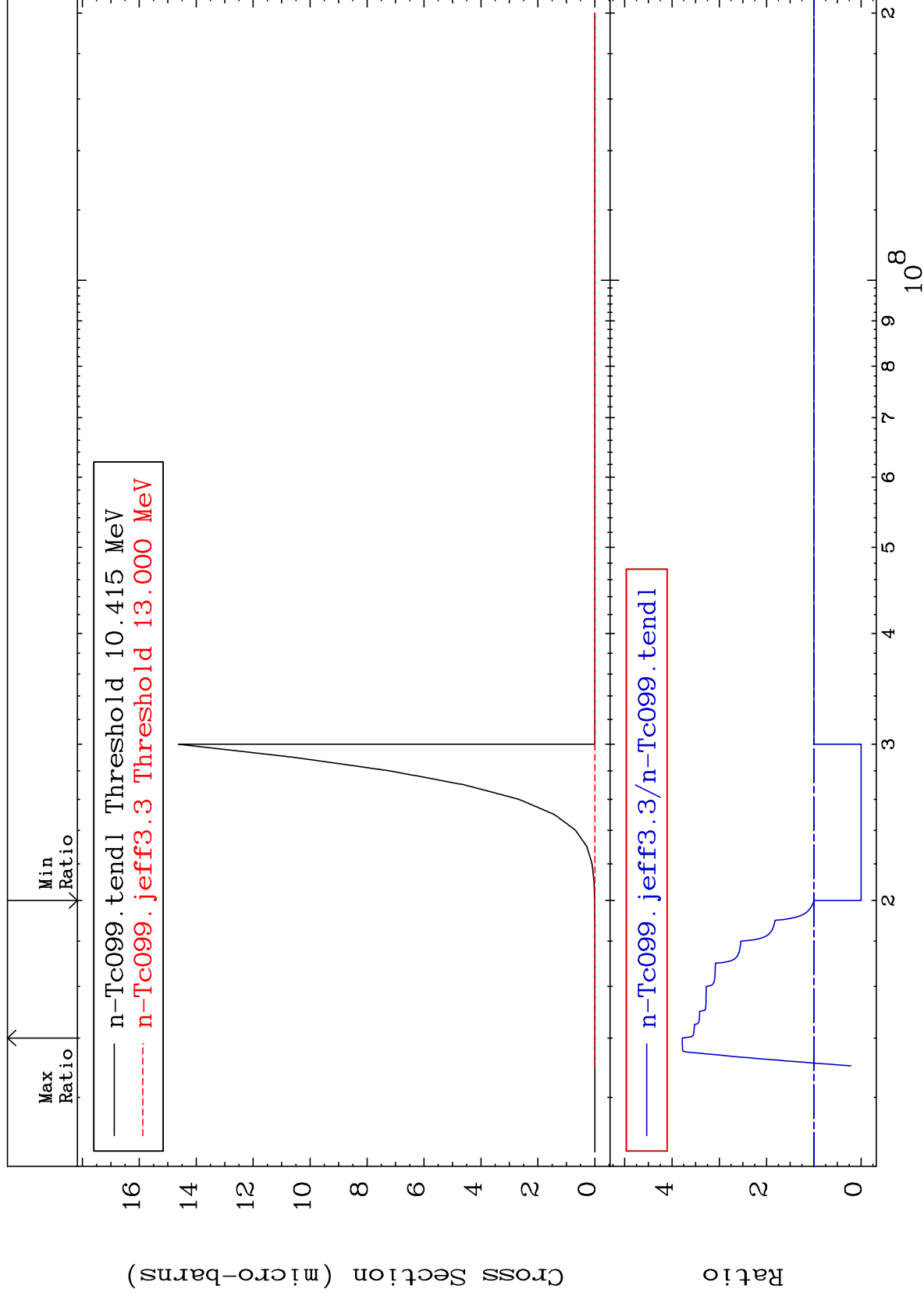
MAT 4325

(n,2p)

43-Tc-99

Cross Section

-100.0 To 278.1 %



41

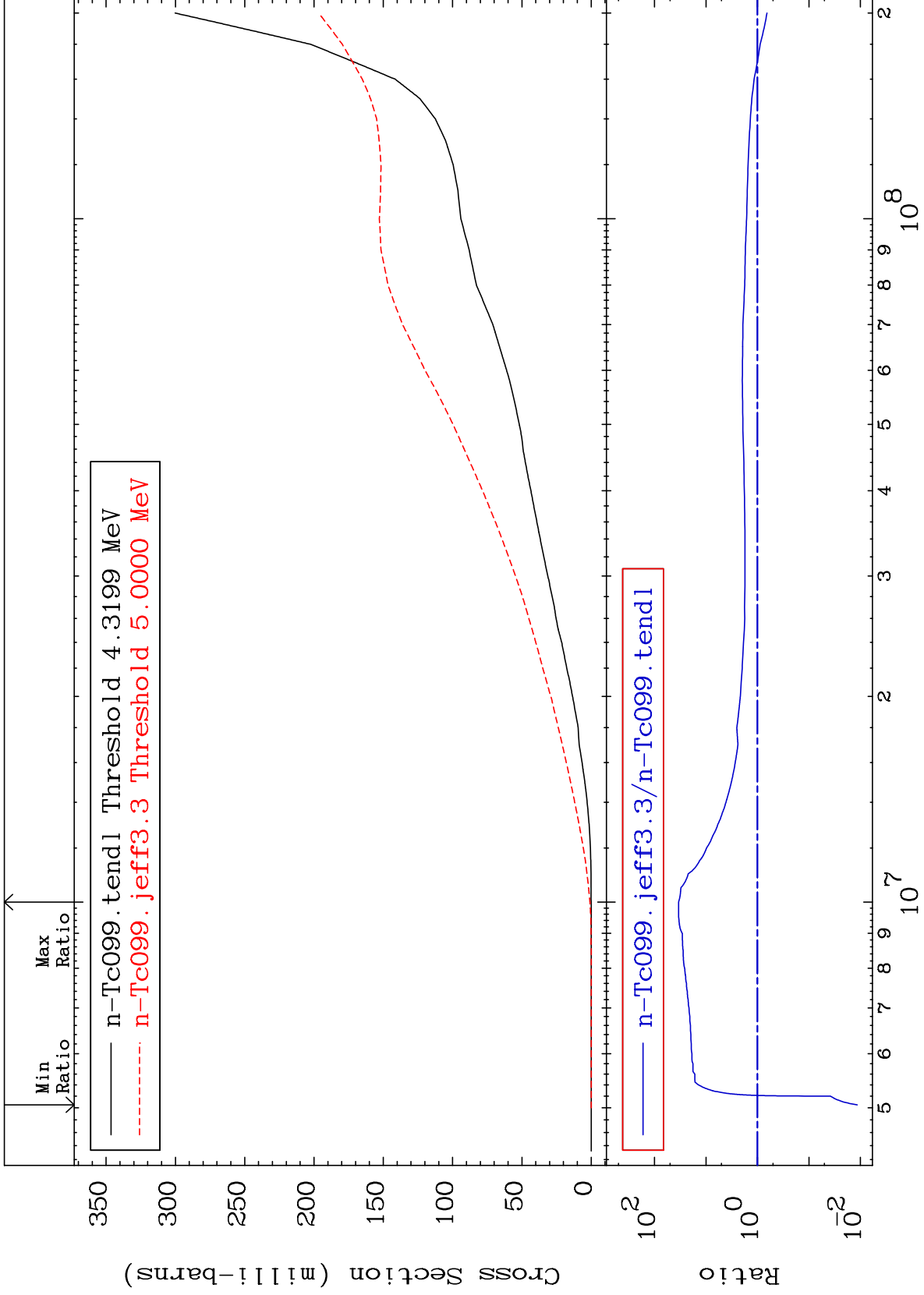
Incident Energy (eV)

43-Tc-99

MAT 4325

Deuterium Production
Cross Section

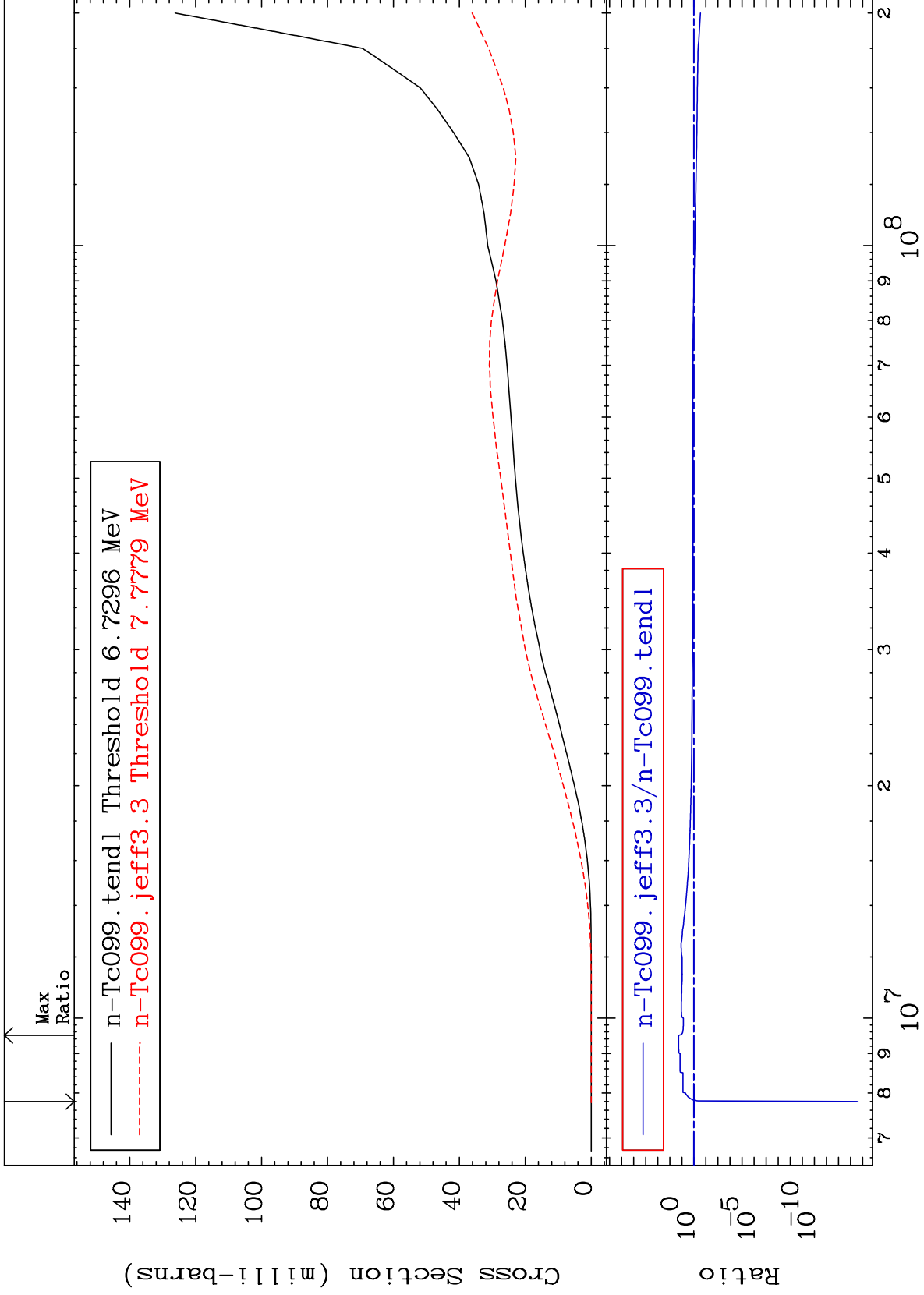
43-Tc-99
-98.85 To 3297. %



MAT 4325

Tritium Production
Cross Section

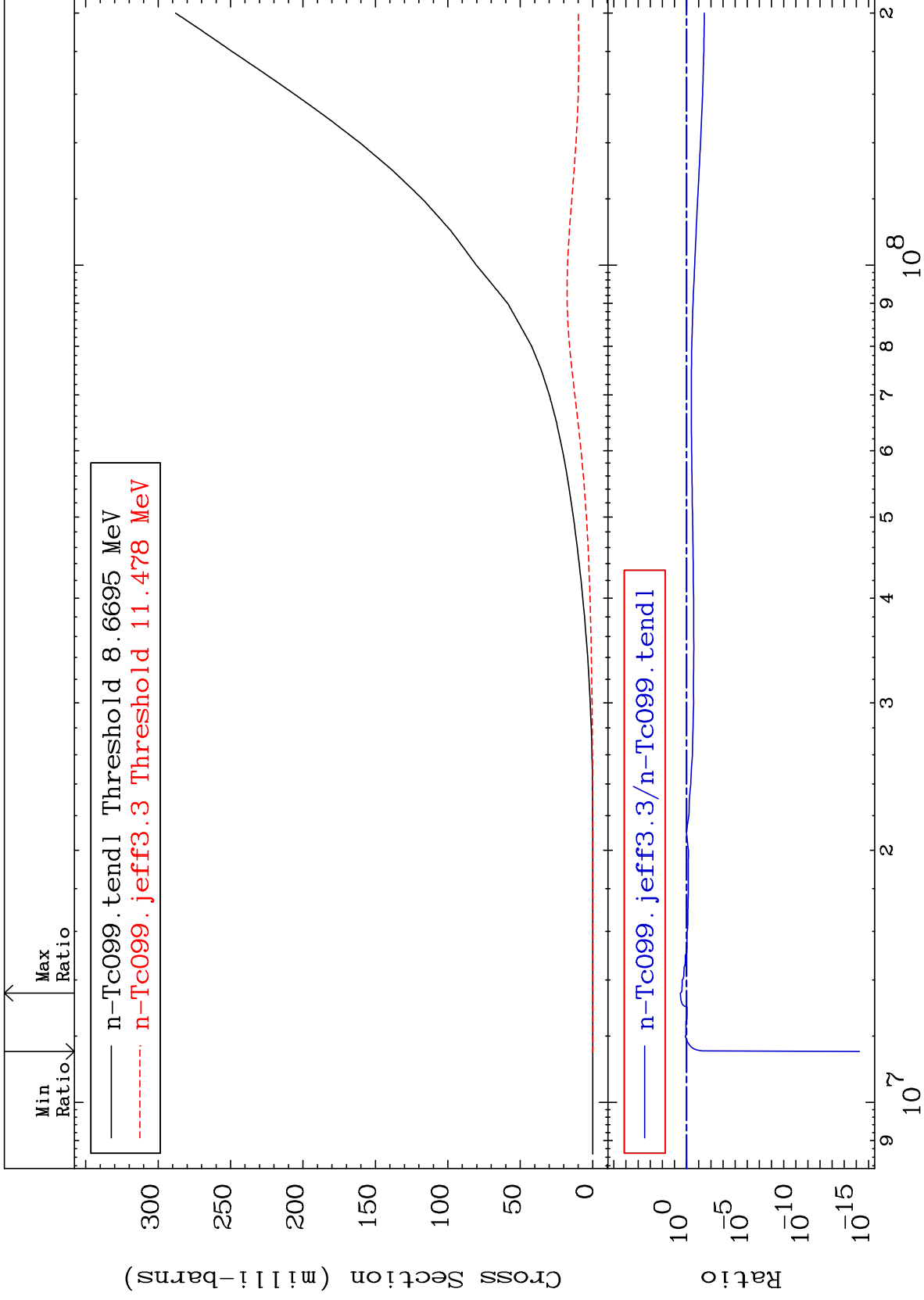
43-Tc-99
-100.0 To 1739. %



MAT 4325

He-3 Production
Cross Section

43-Tc-99
-100.0 To 228.2 %



46

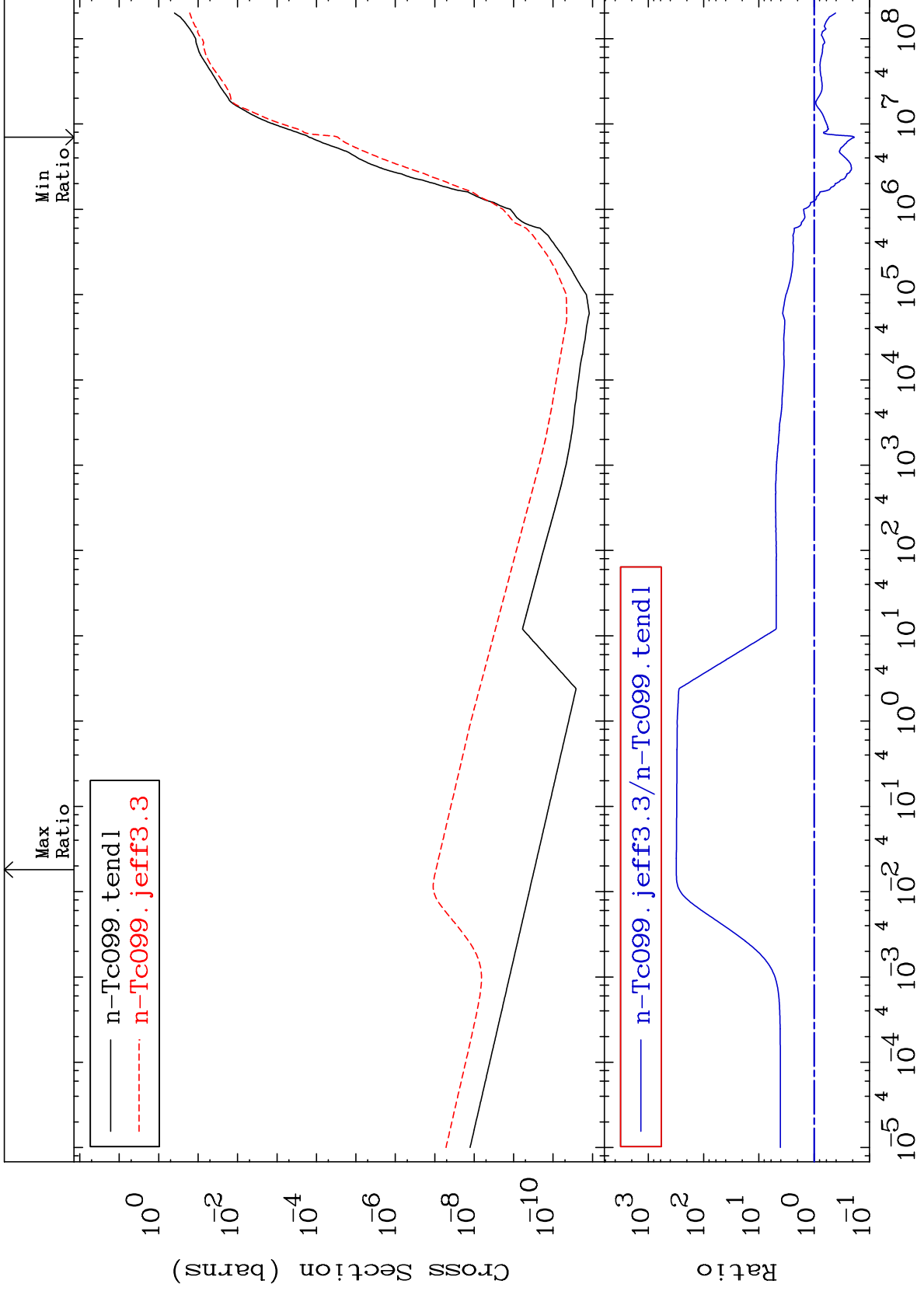
Incident Energy (eV)

43-Tc-99

MAT 4325

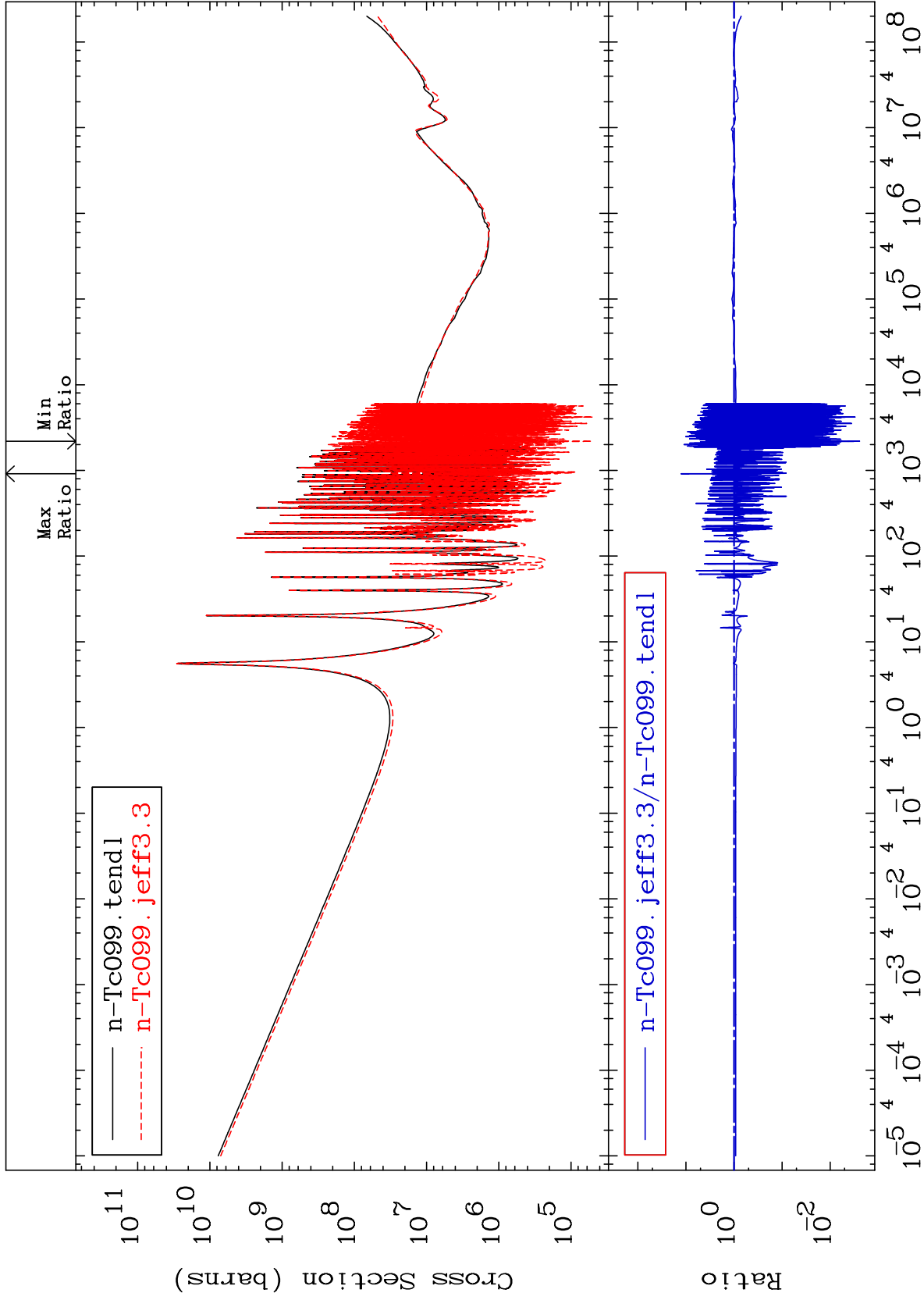
He-4 Production
Cross Section

43-Tc-99
-81.28 To 9999. %



Cross Section

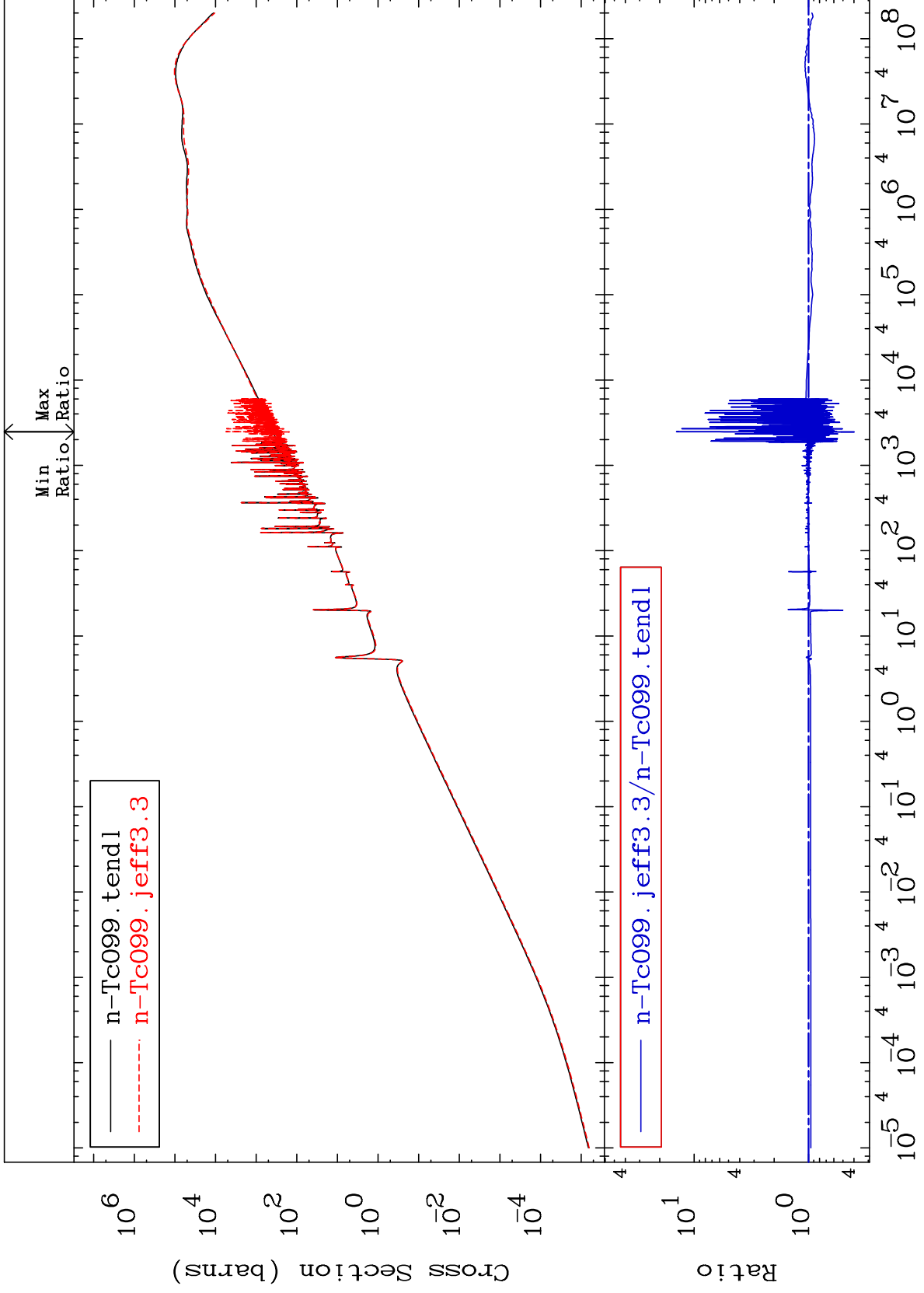
-99.76 To 1184. %

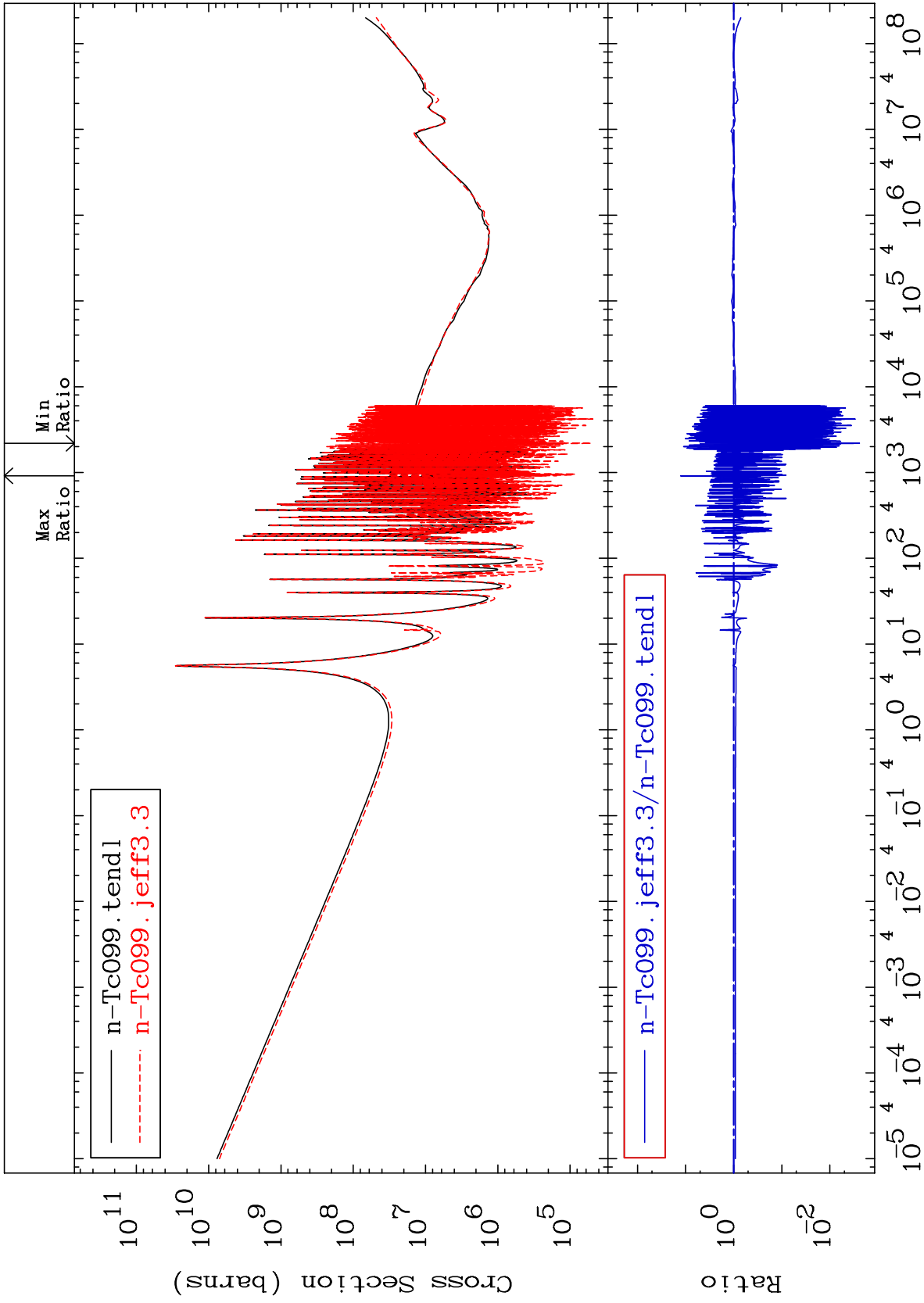


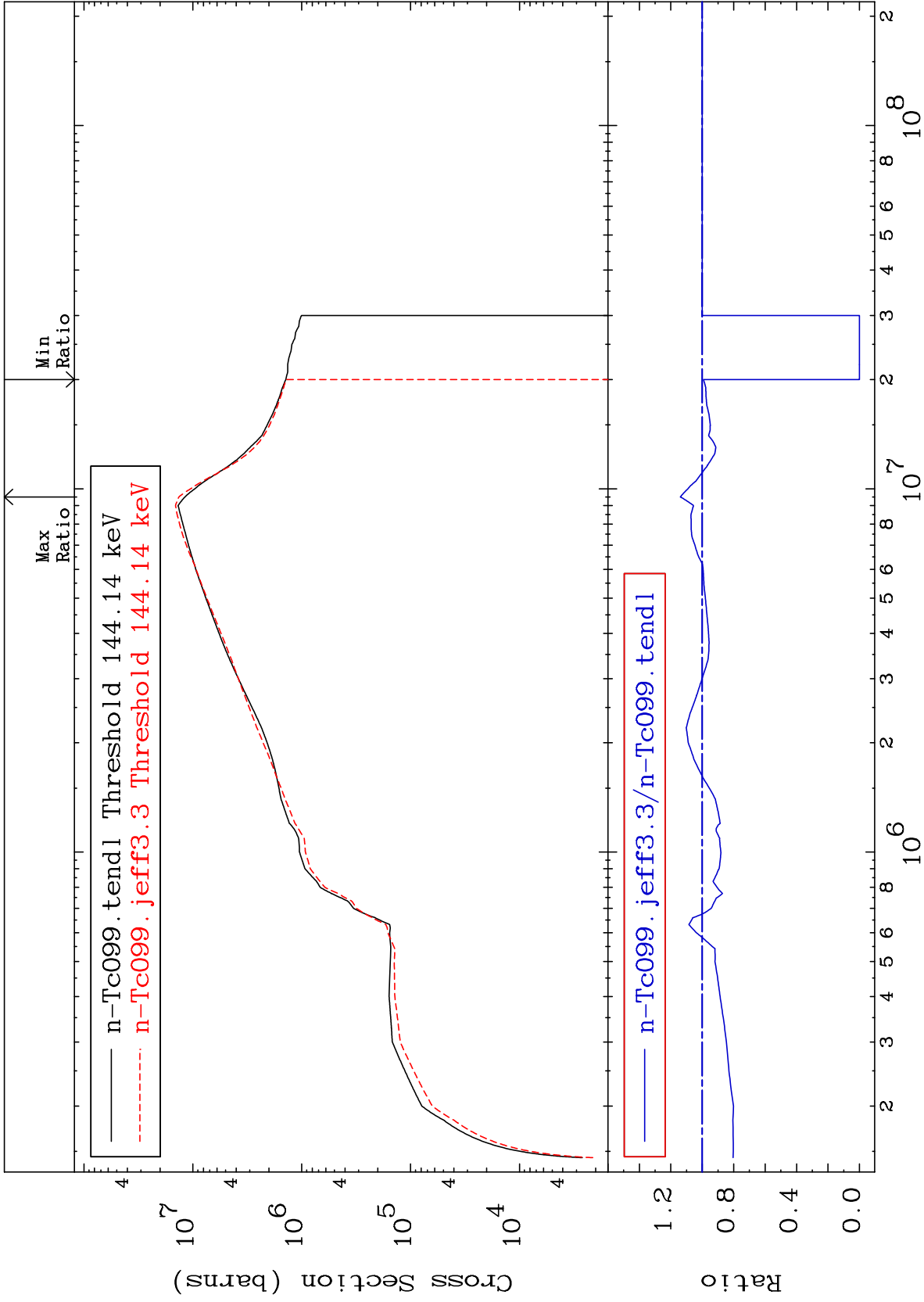
MAT 4325

Kerma elastic
Cross Section

43-Tc-99
-60.28 To 1333. %



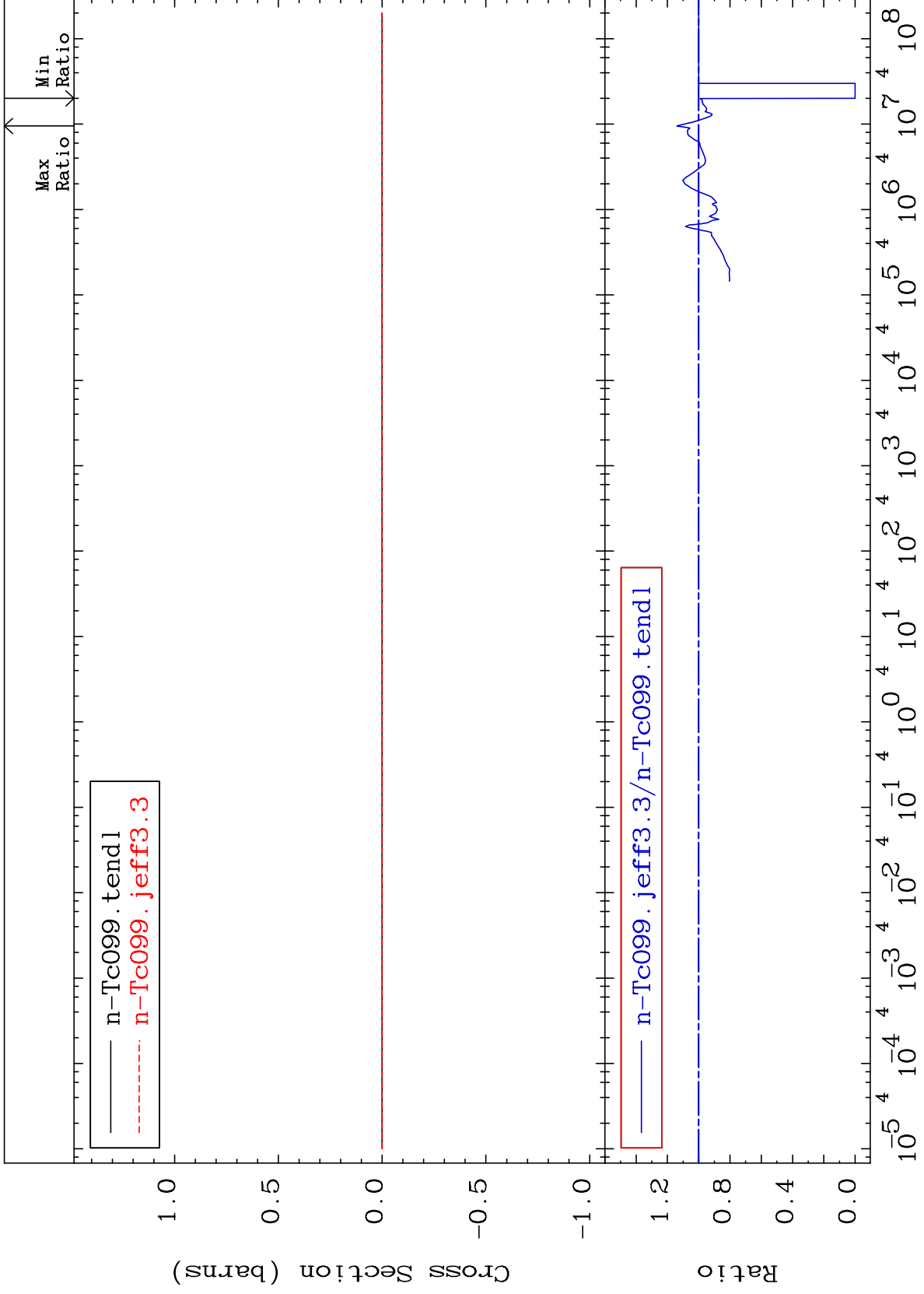


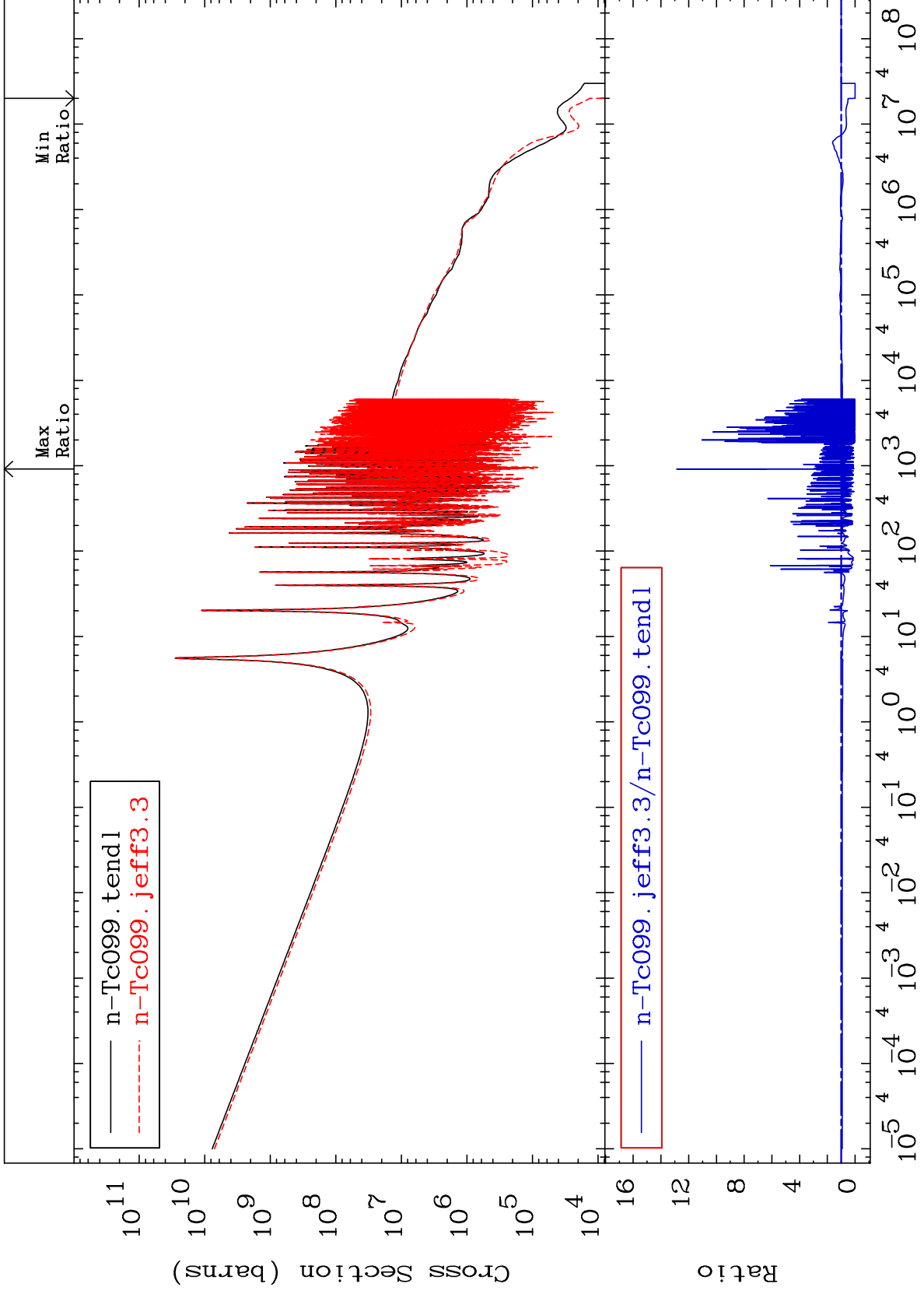


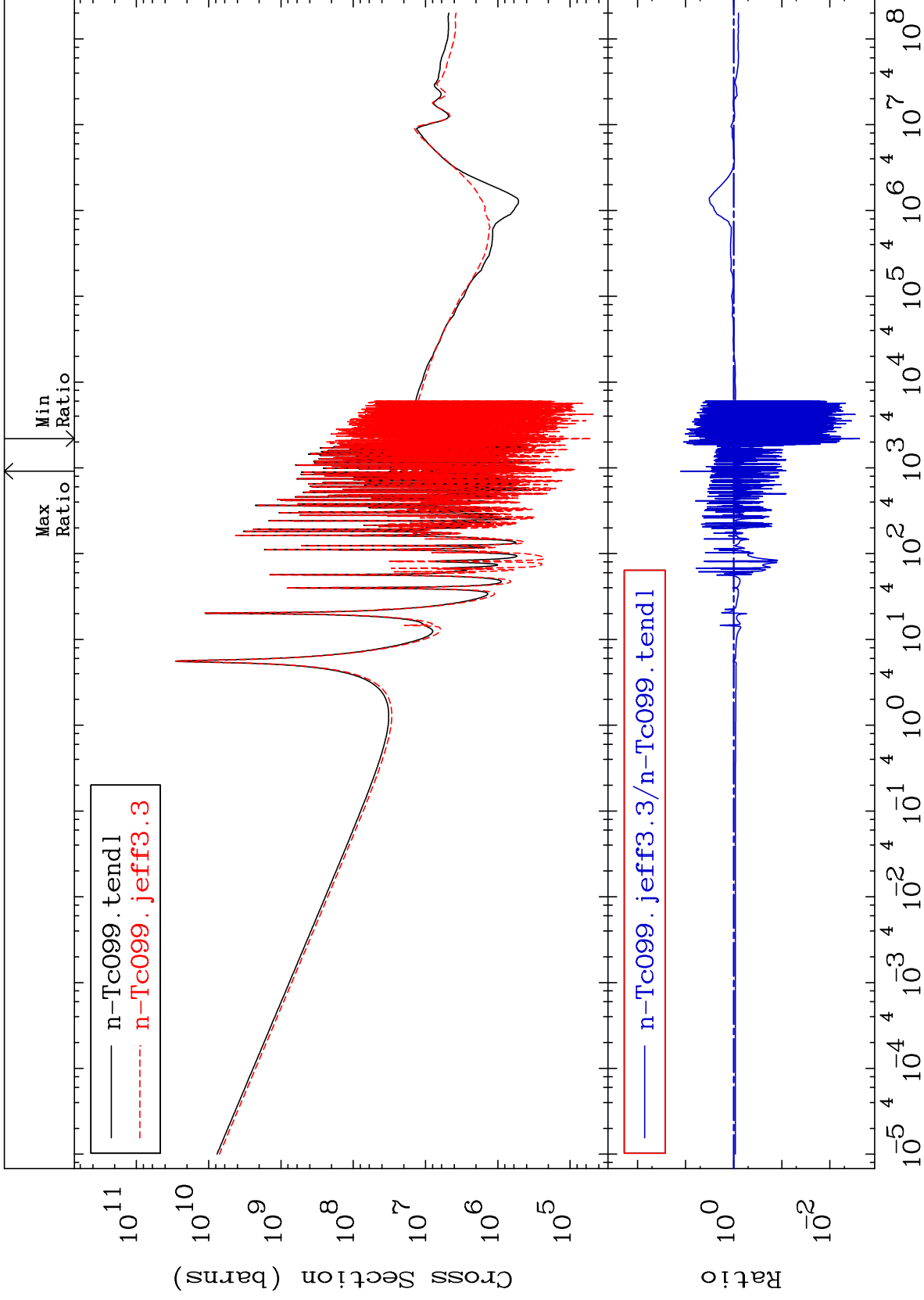
MAT 4325

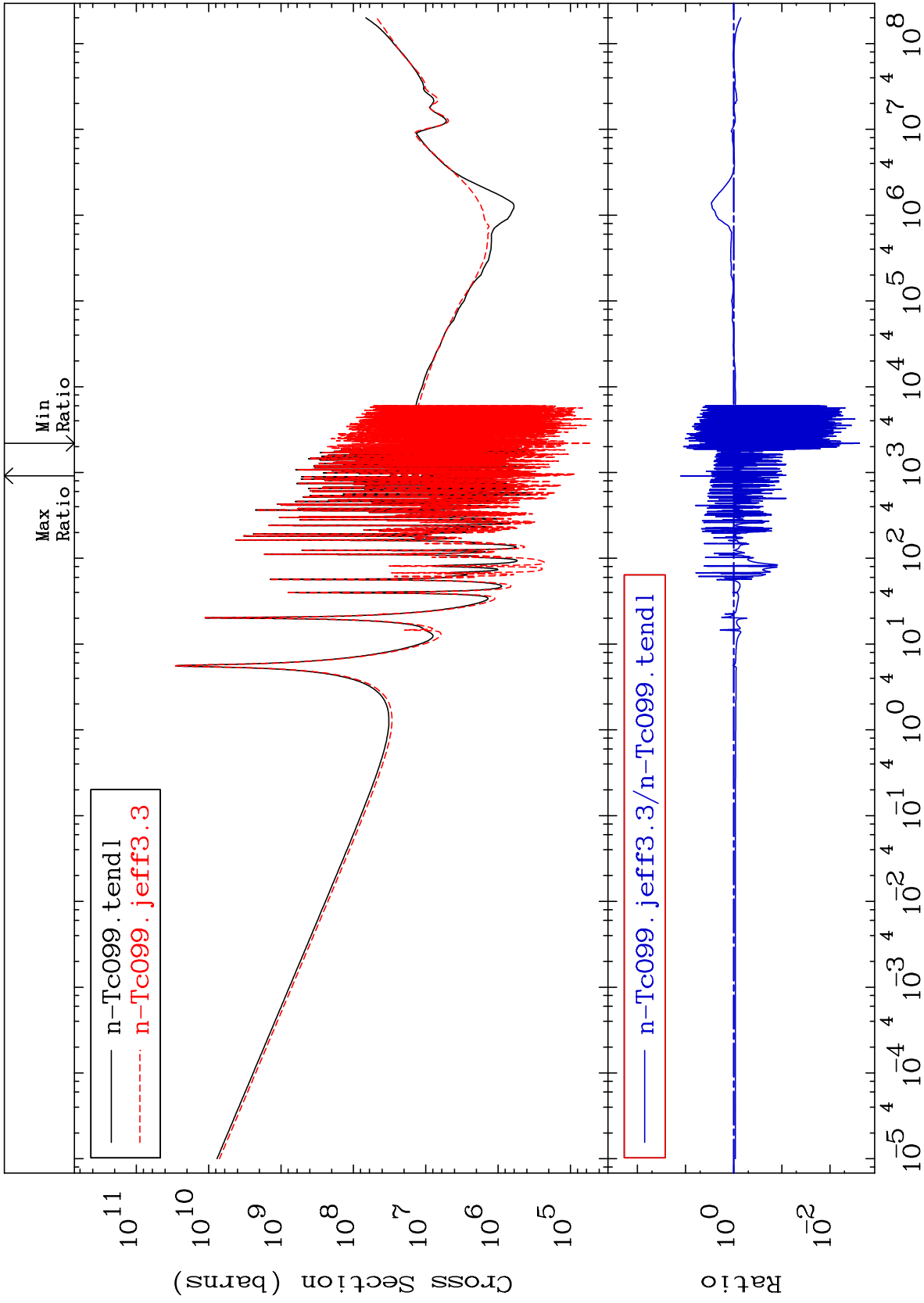
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

43-Tc-99
-100.0 To 13.93 %



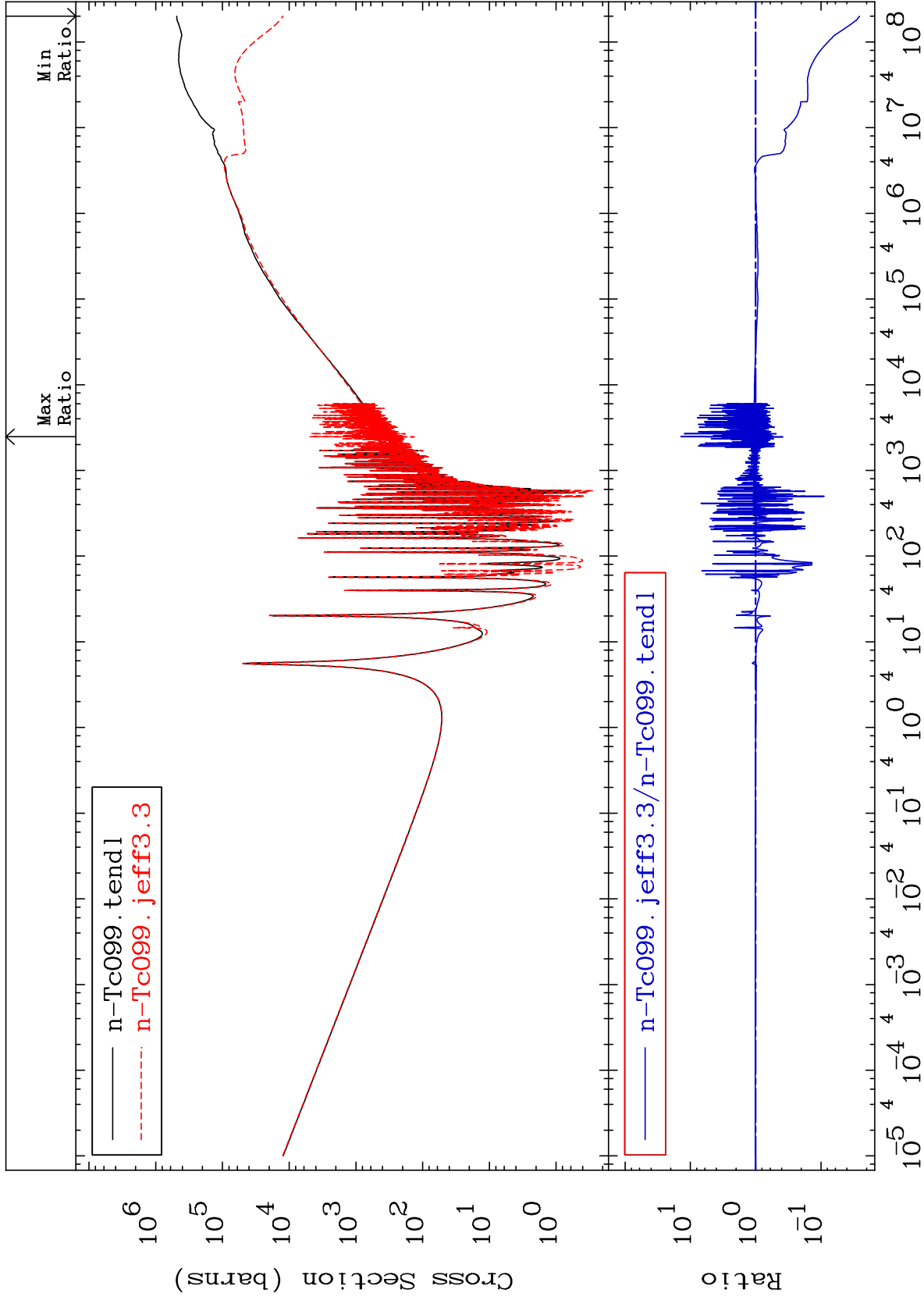






Cross Section

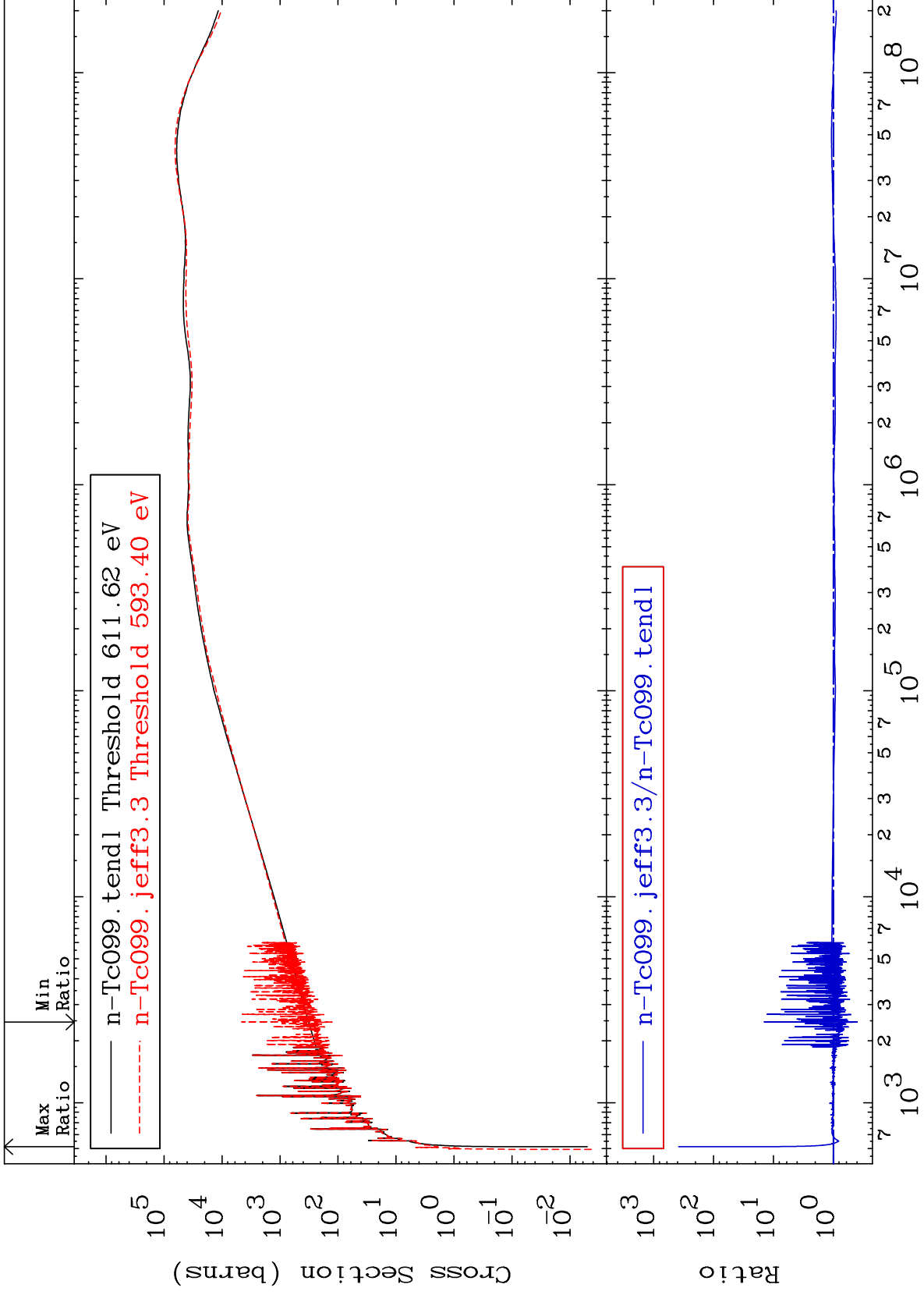
-97.44 To 1304. %

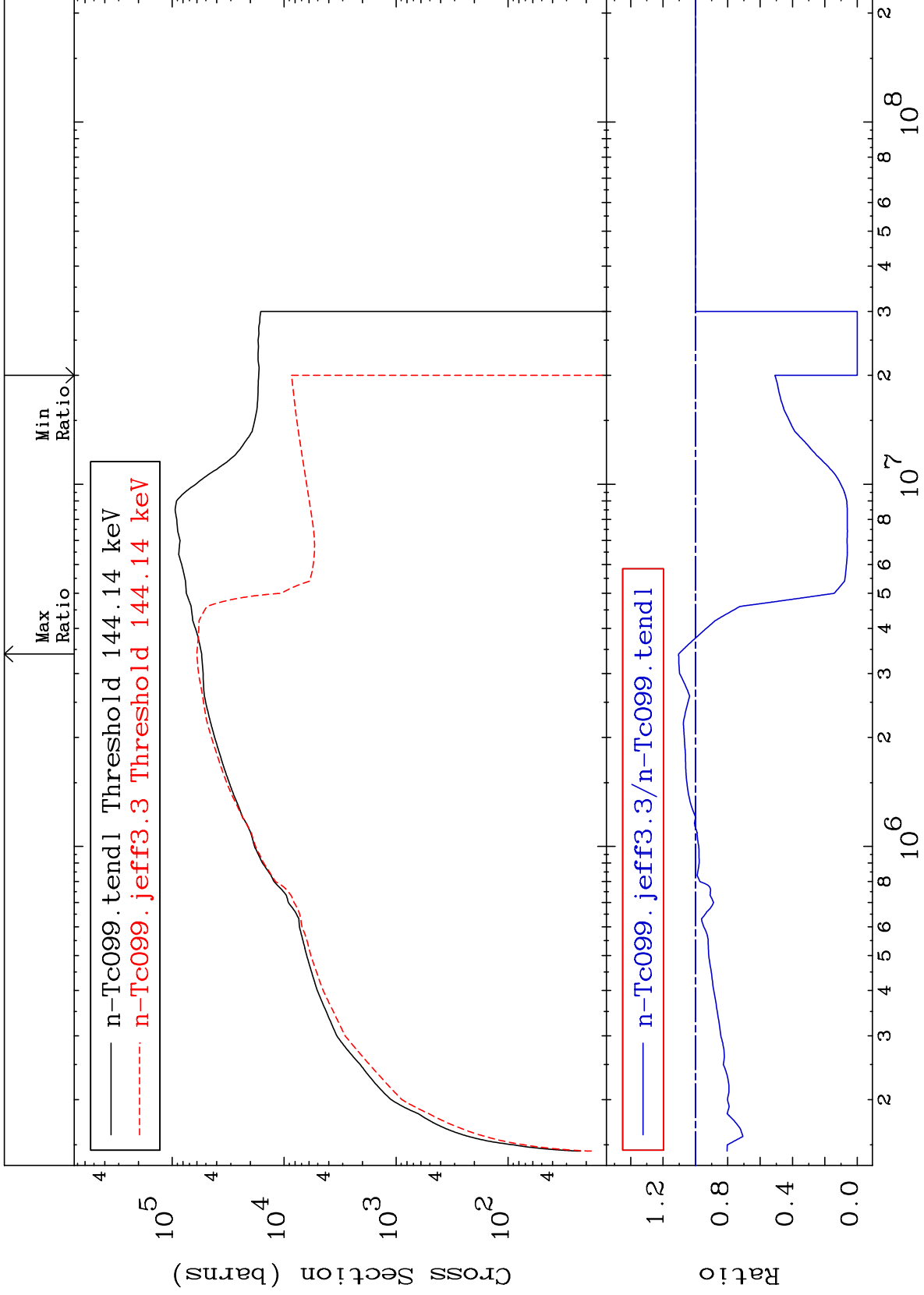


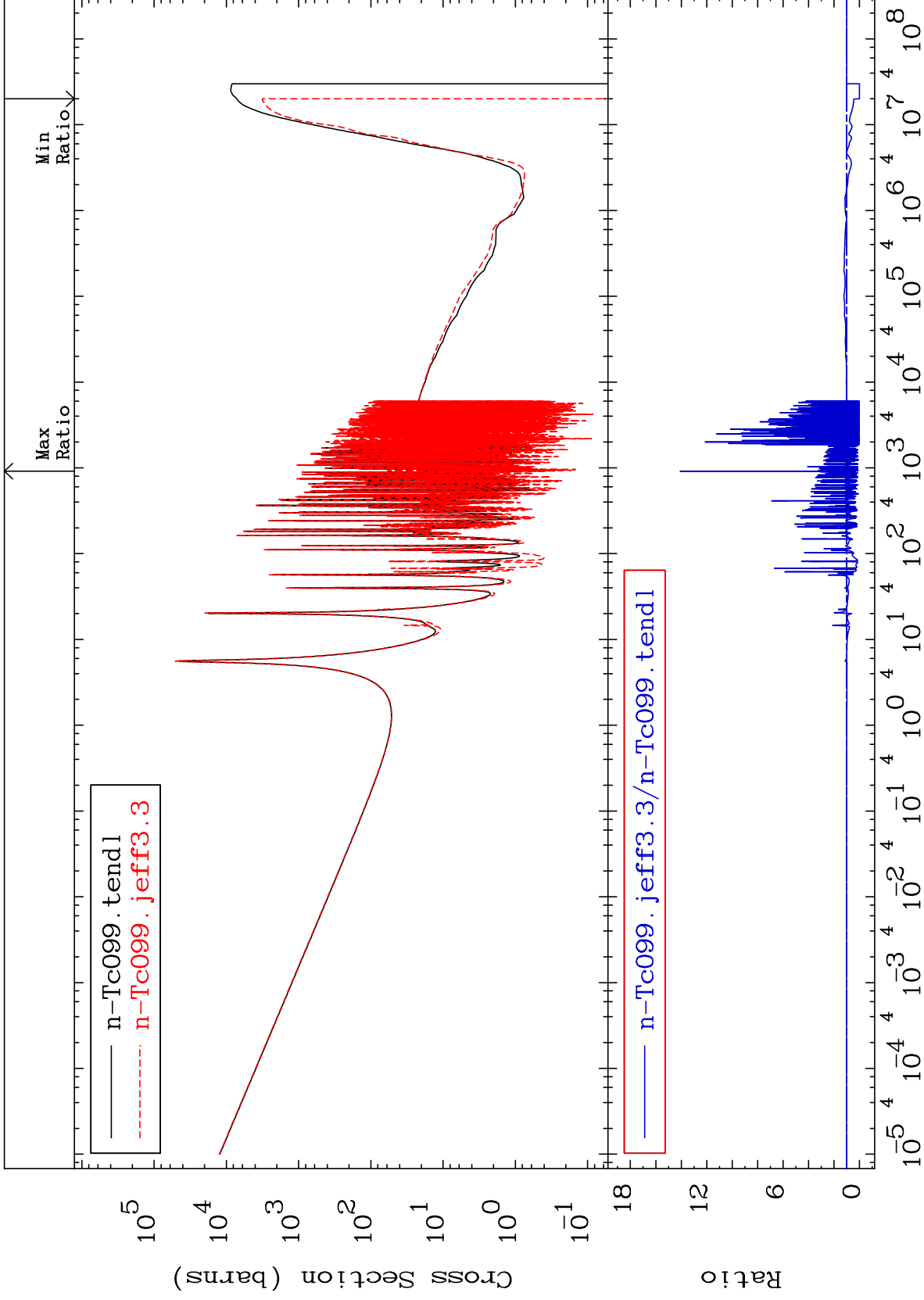
MAT 4325

Dpa elastic (mt2)
Cross Section

43-Tc-99
-60.28 To 9999. %





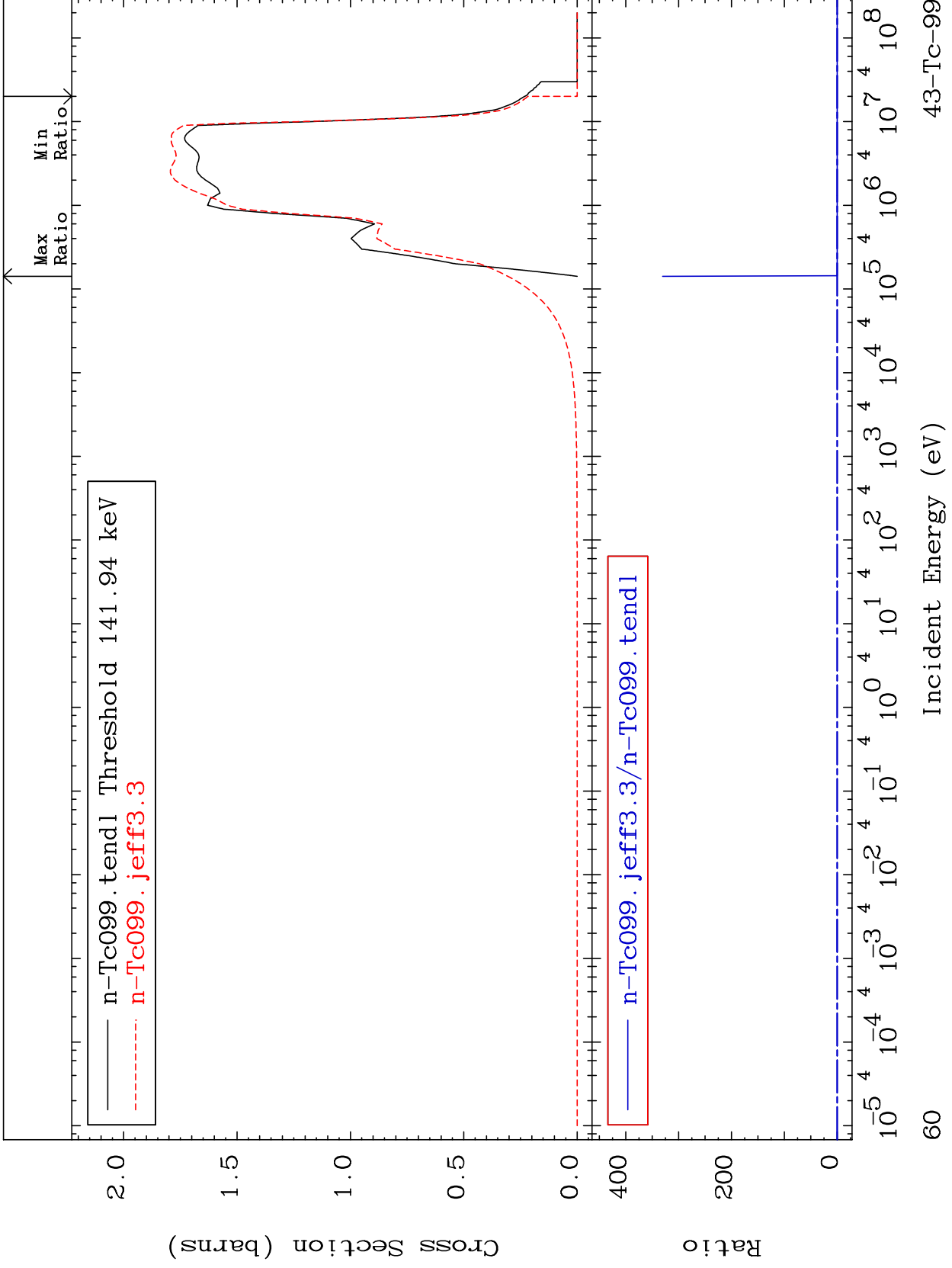


MAT 4325

Inelastic: 43-Tc-99g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 9999. %

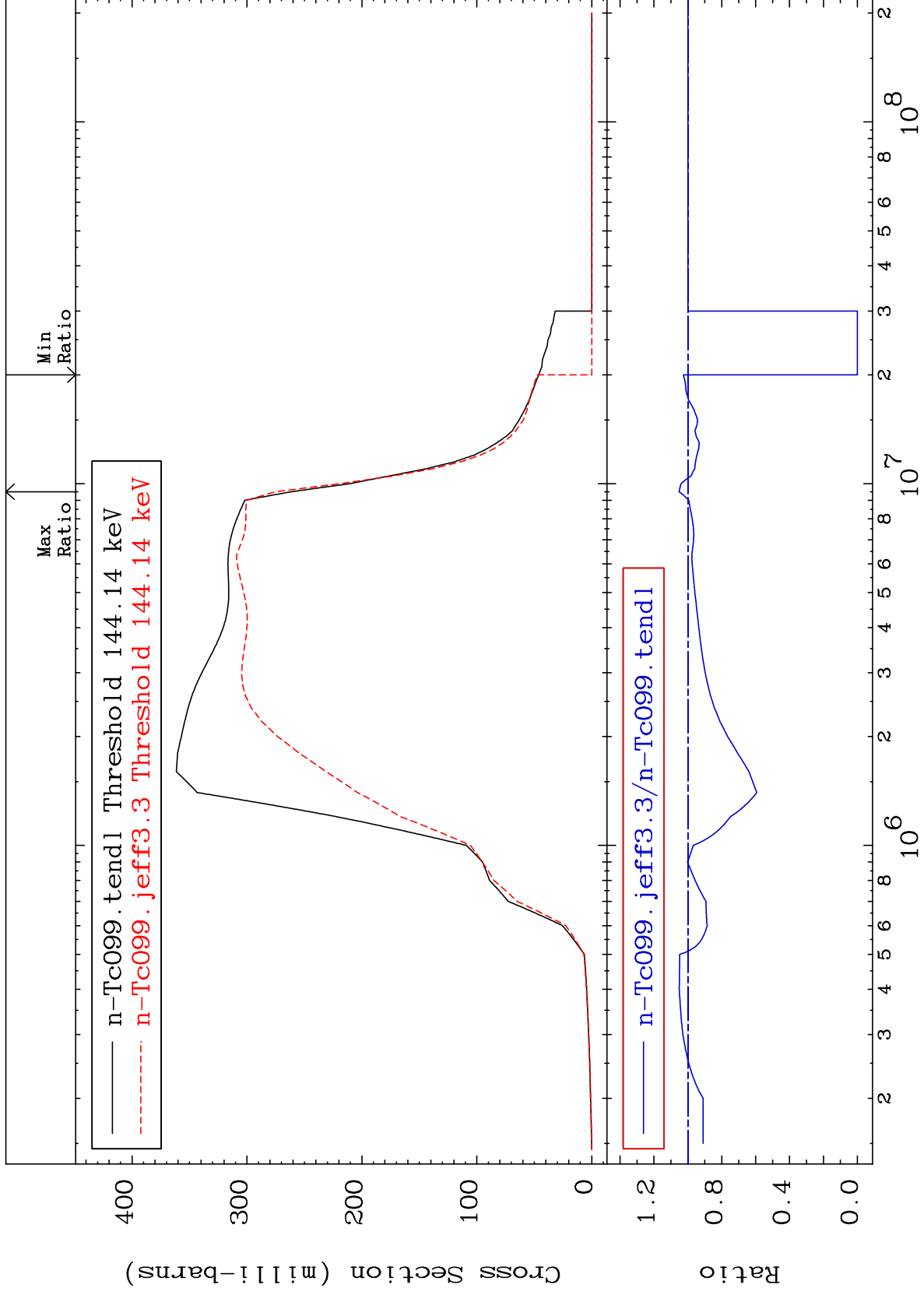


MAT 4325

Inelastic: 43-Tc-99m2

43-Tc-99

Radionuclide Production Cross Section -100.0 To 5.206 %

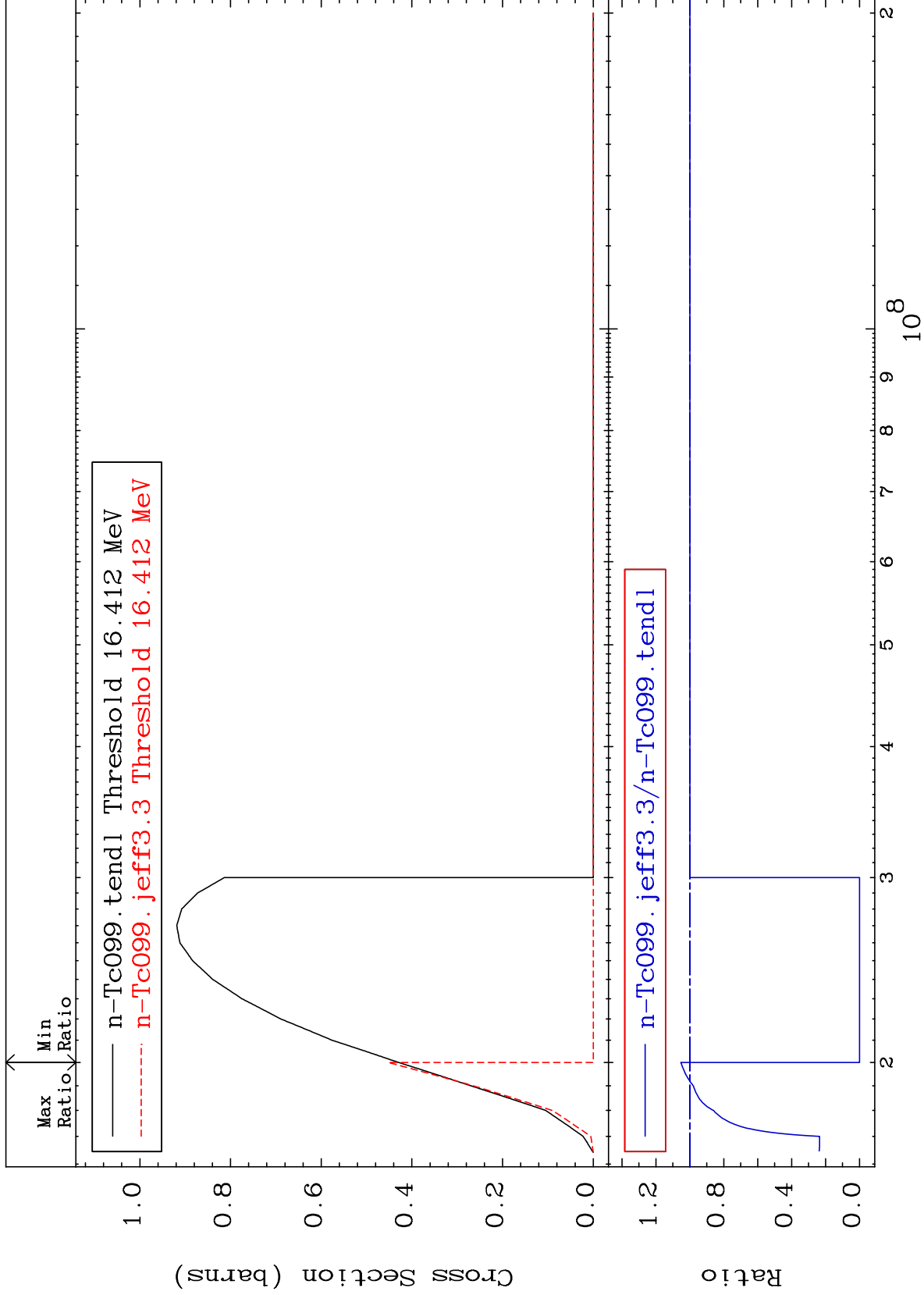


61

Incident Energy (eV)

43-Tc-99

Radionuclide Production Cross Section -100.0 To 5.330 %

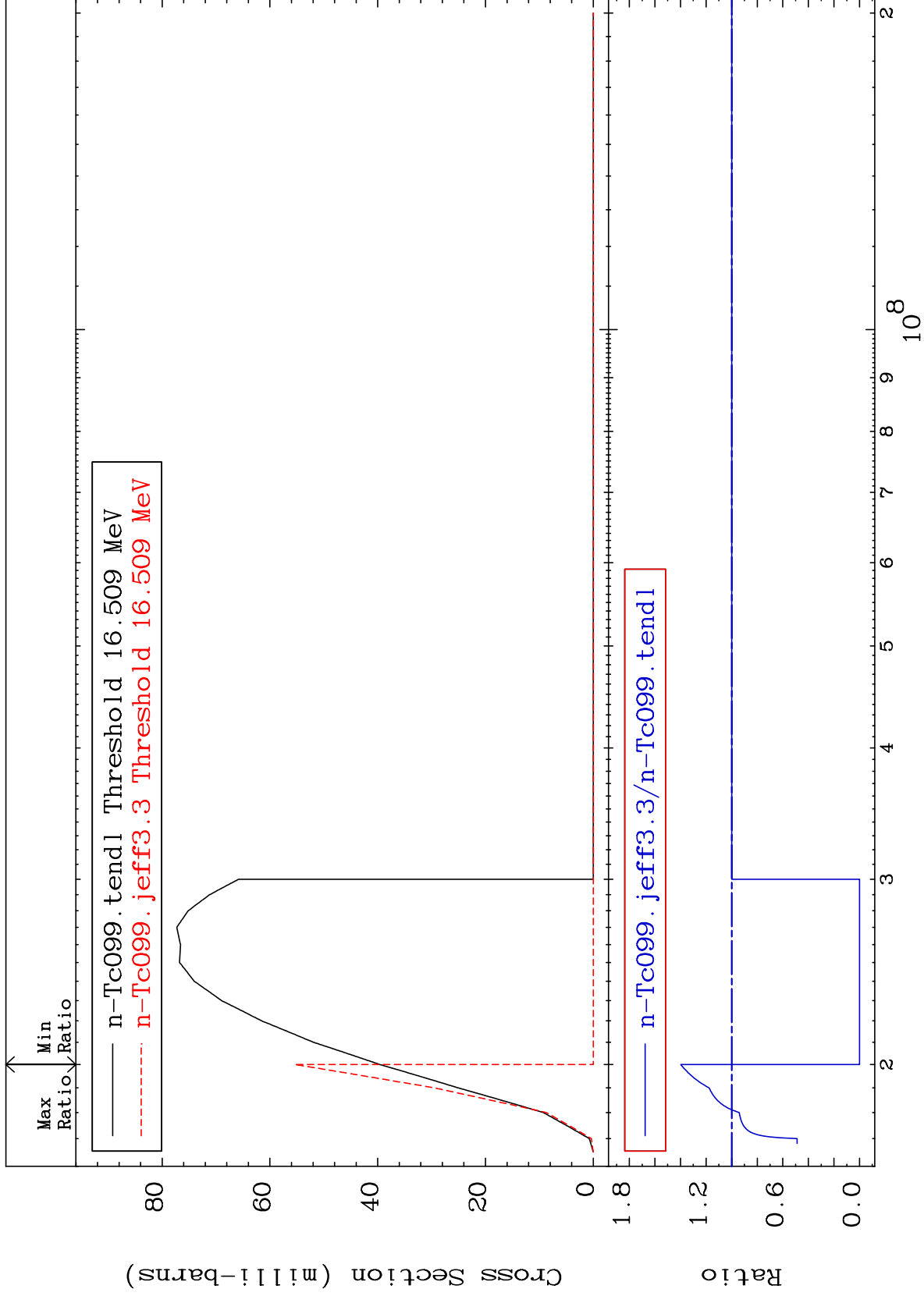


MAT 4325

(n,3n):43-Tc-97m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 39.78 %

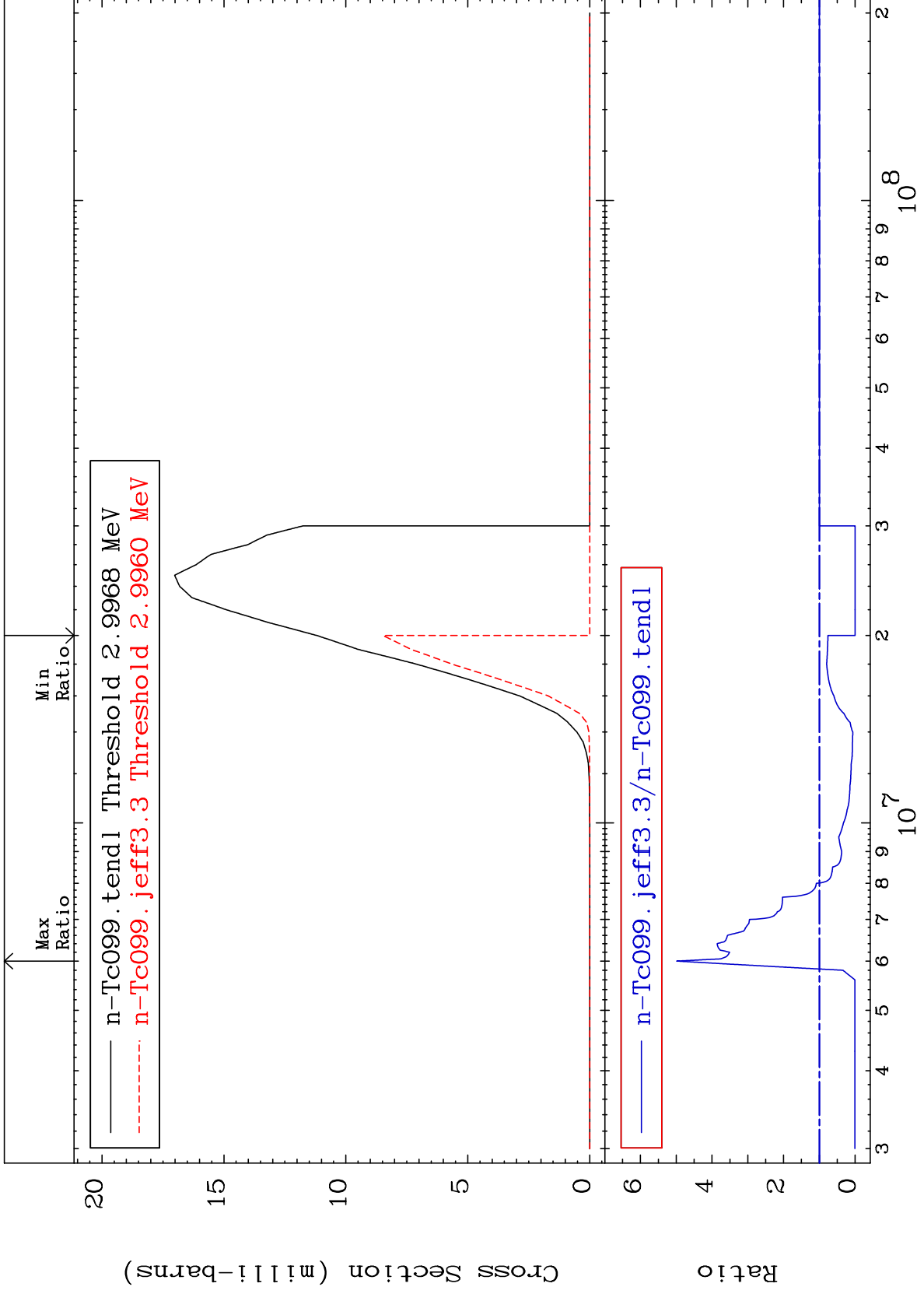


MAT 4325

(n, n') α :41-Nb-95g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 398.1 %



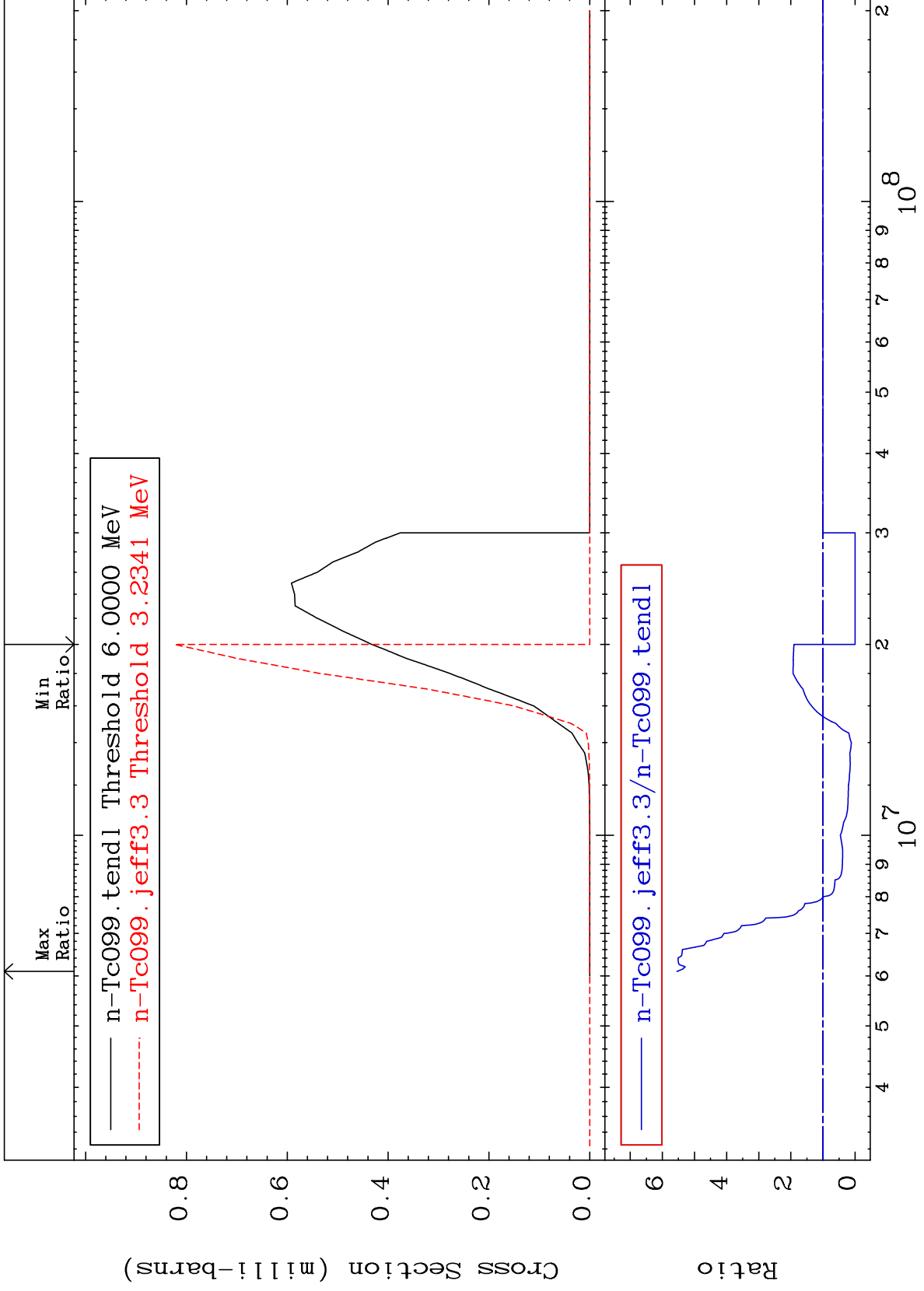
64

MAT 4325

(n, n') α : 41-Nb-95m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 454.6 %

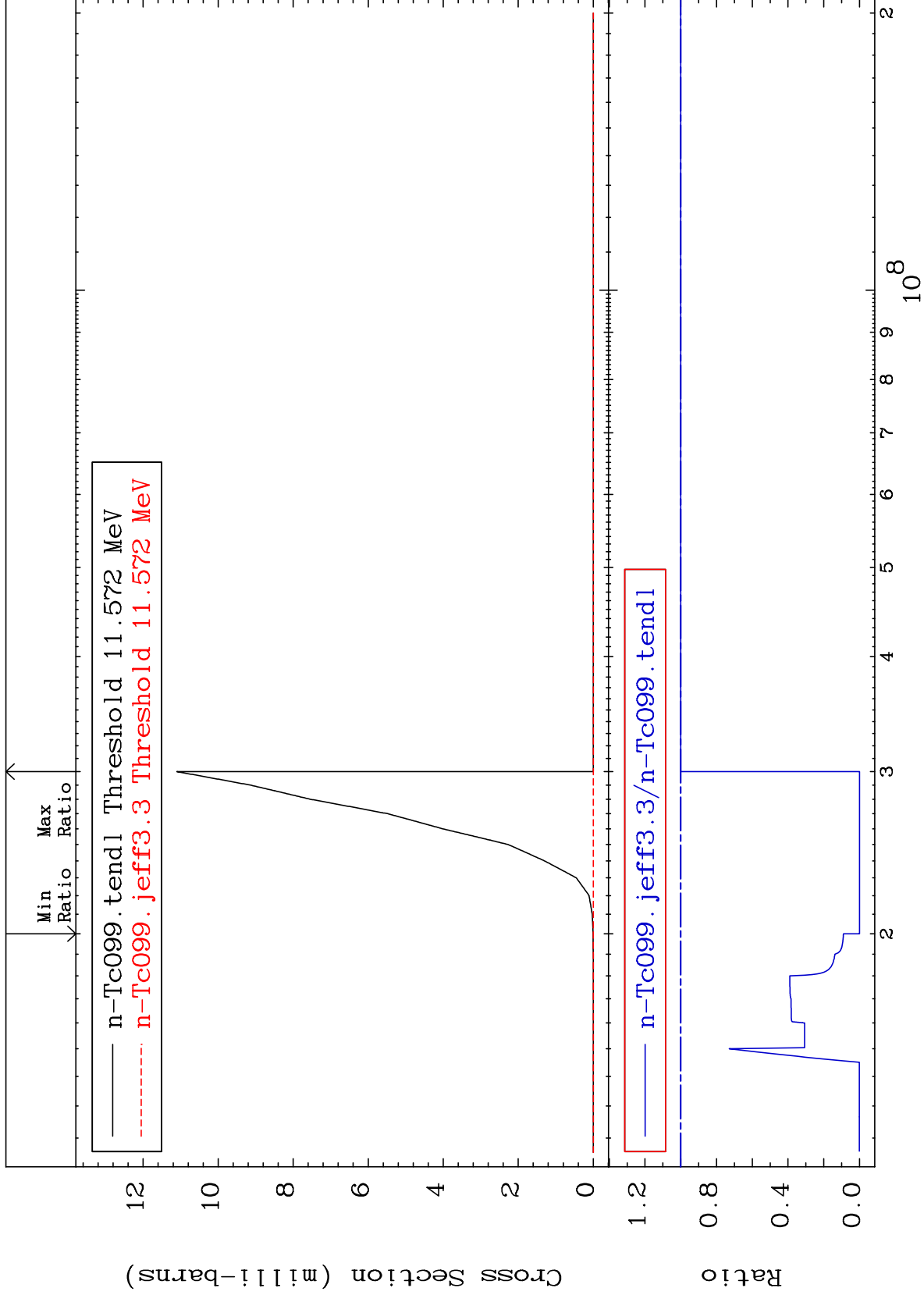


65

43-Tc-99

43-Tc-99

Radionuclide Production Cross Section -100.0 To 0.000 %

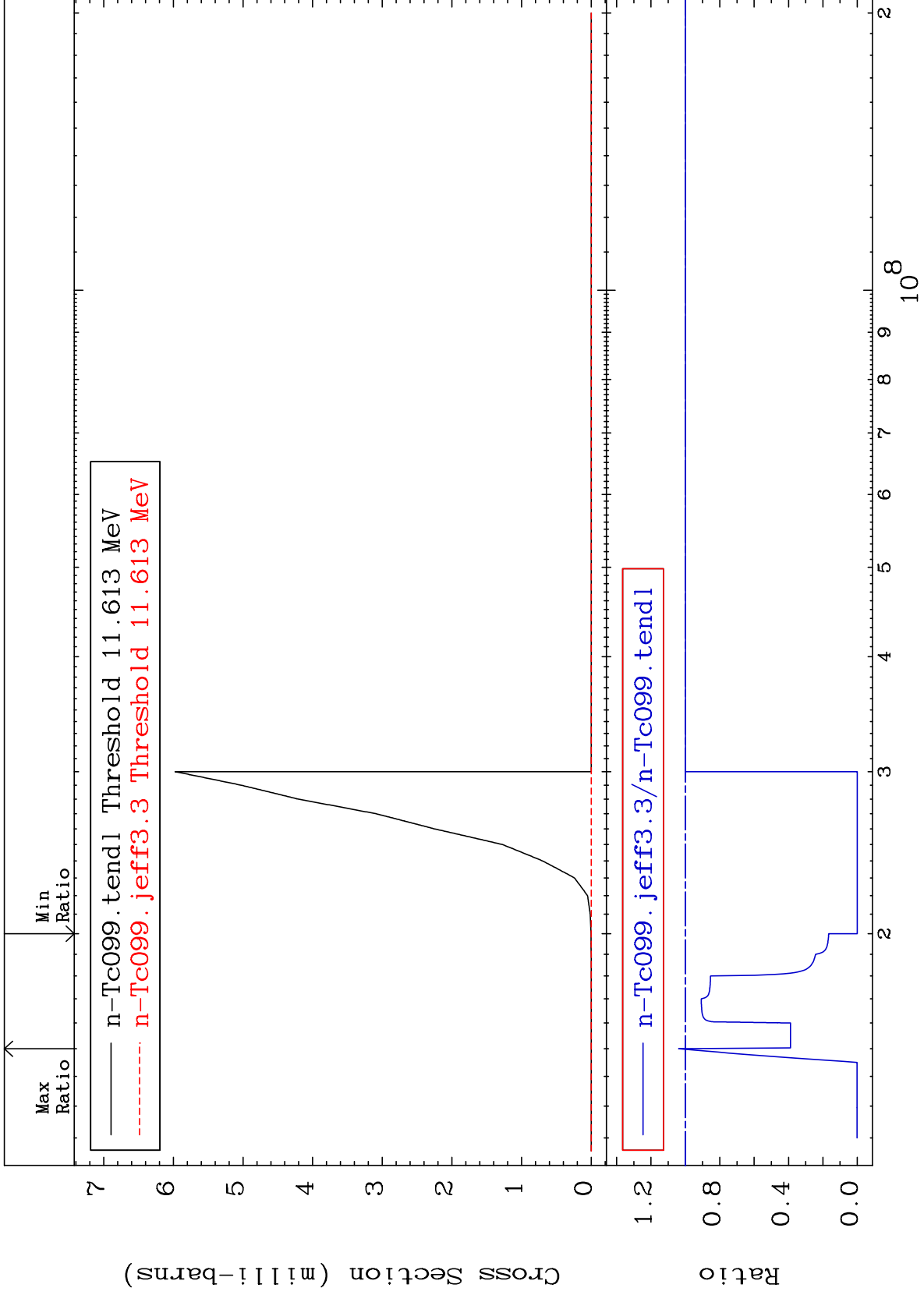


MAT 4325

(n,2n) α : 41-Nb-94m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 3.934 %

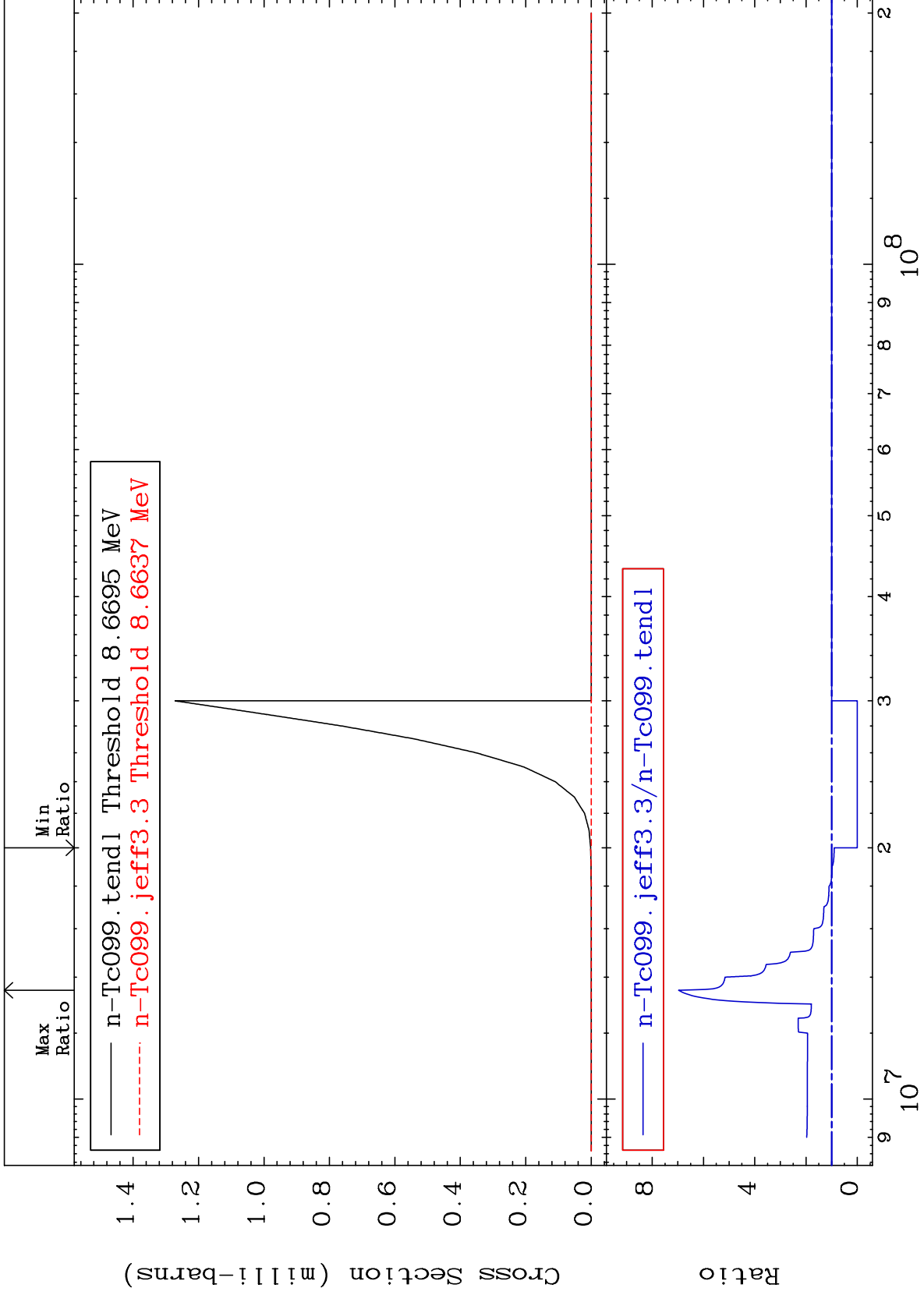


MAT 4325

(n,He-3):41-Nb-97g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 596.8 %



68

Incident Energy (eV)

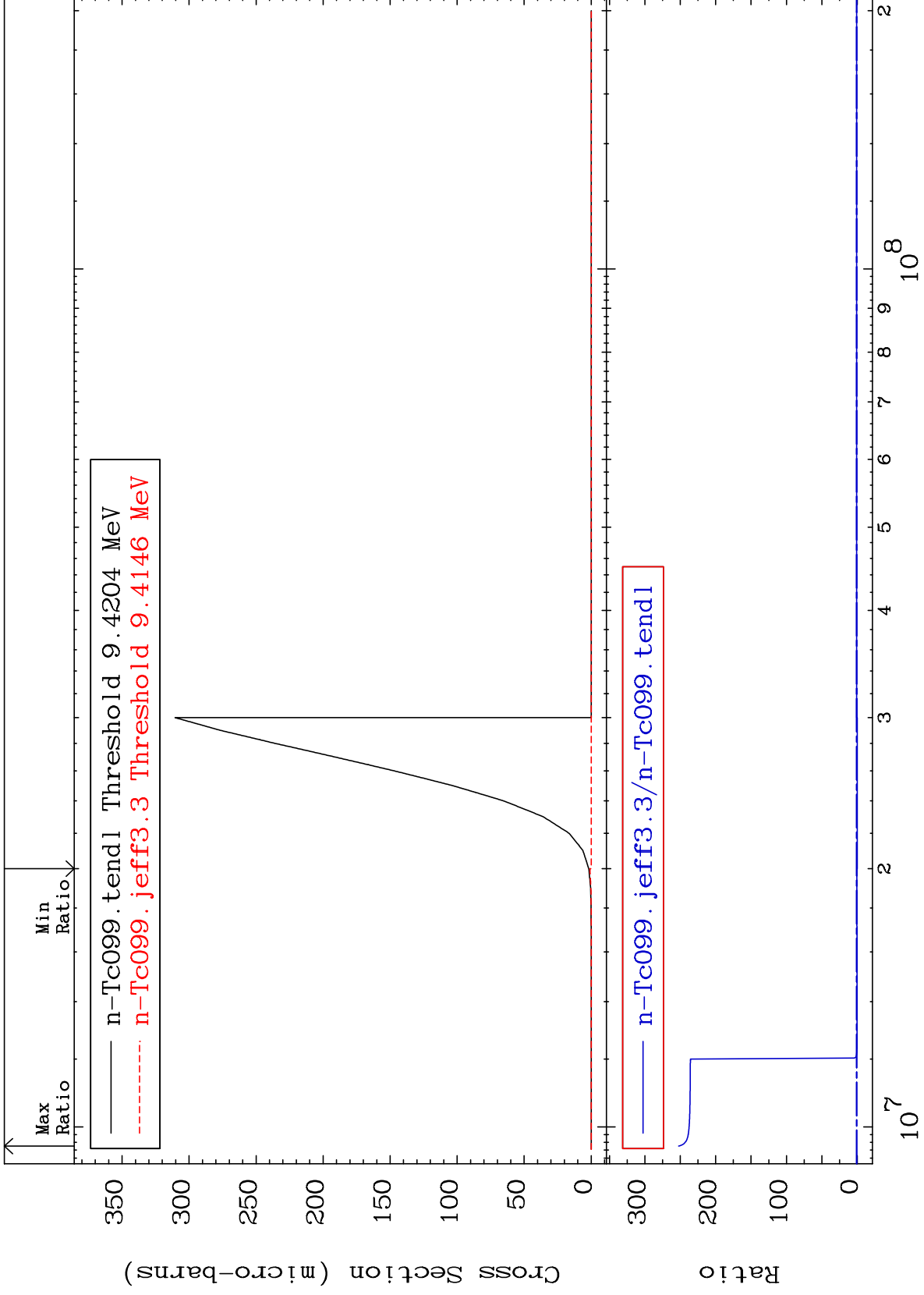
43-Tc-99

MAT 4325

(n,He-3):41-Nb-97m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 9999. %



69

Incident Energy (eV)

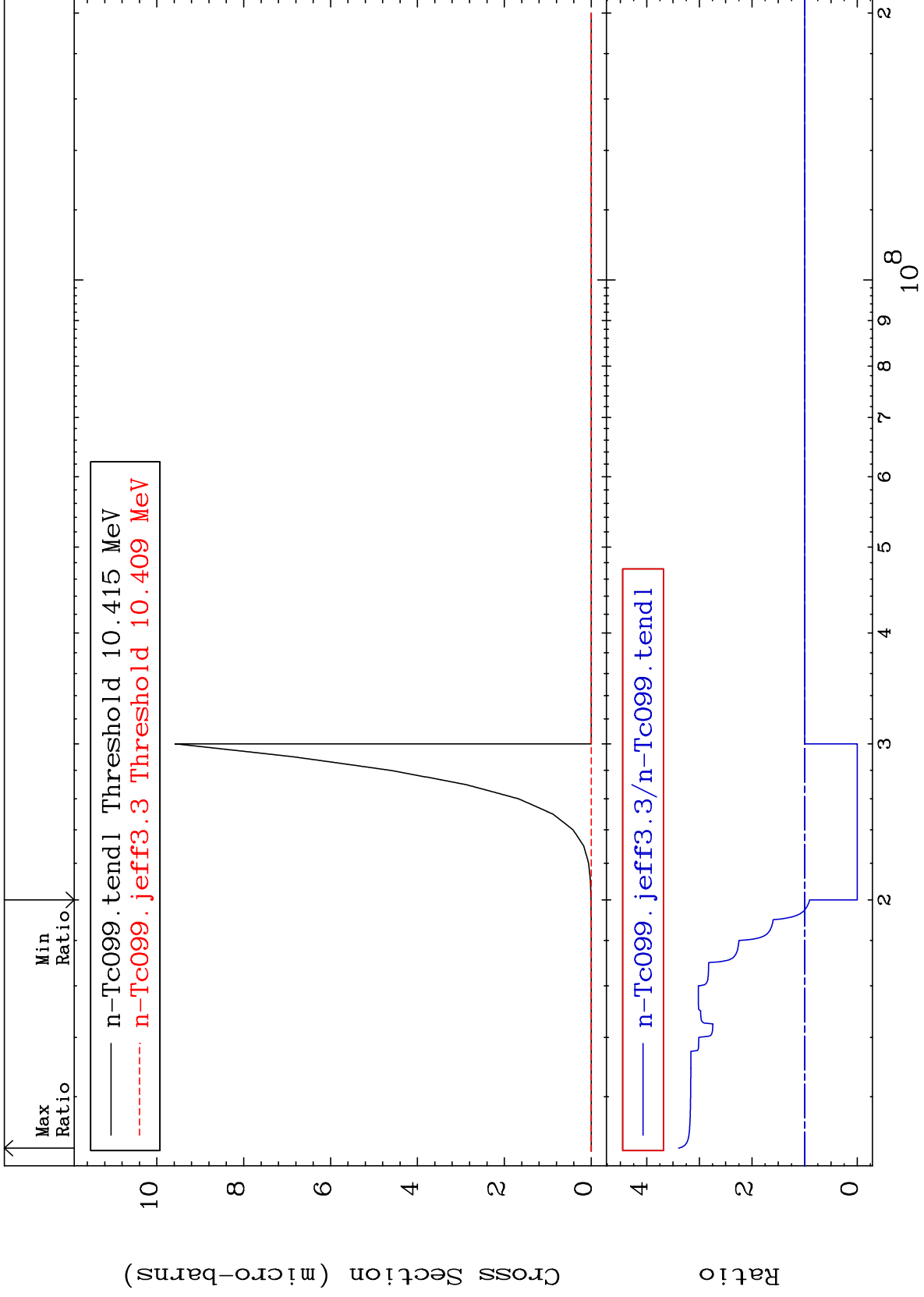
43-Tc-99

MAT 4325

(n,2p) : 41-Nb-98g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 239.4 %



70

Radionuclide Production Cross Section -100.0 To 9999. %

