

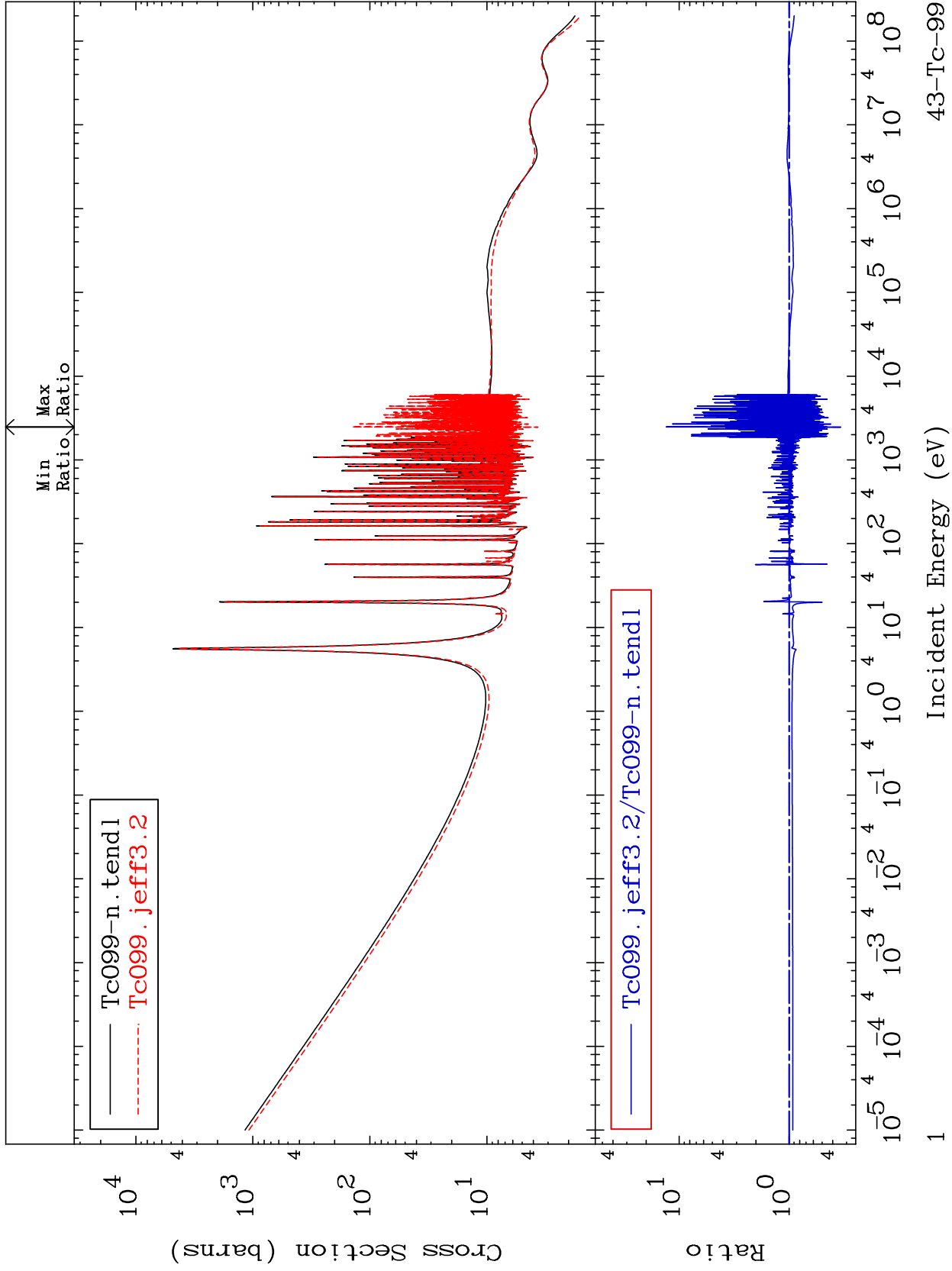
MAT 4325

Total

43-Tc-99

Cross Section

-66.22 To 1219. %



Incident Energy (eV)

43-Tc-99

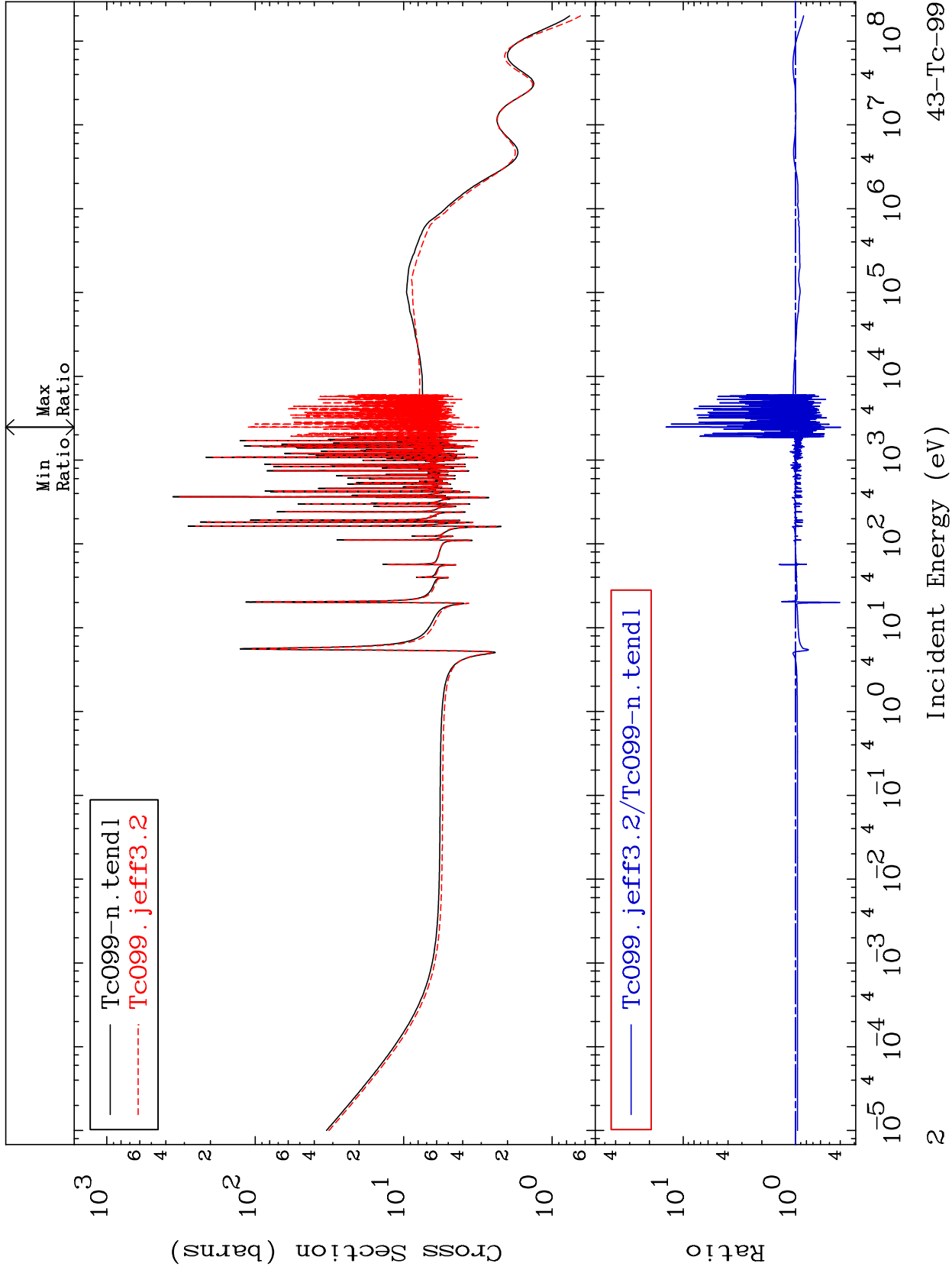
MAT 4325

Elastic

43-Tc-99

Cross Section

-60.50 To 1325. %



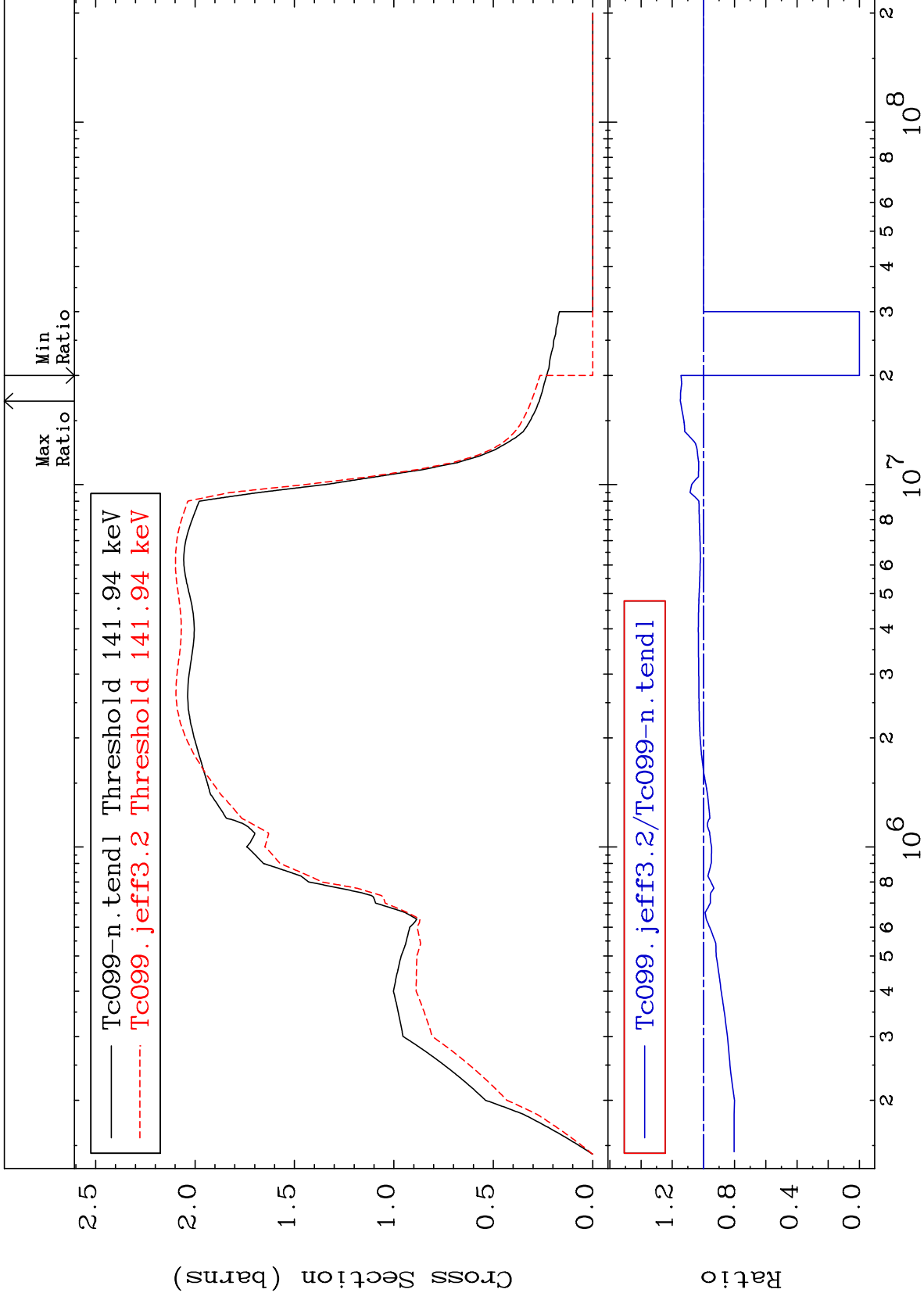
Incident Energy (eV)

43-Tc-99

MAT 4325

Inelastic
Cross Section

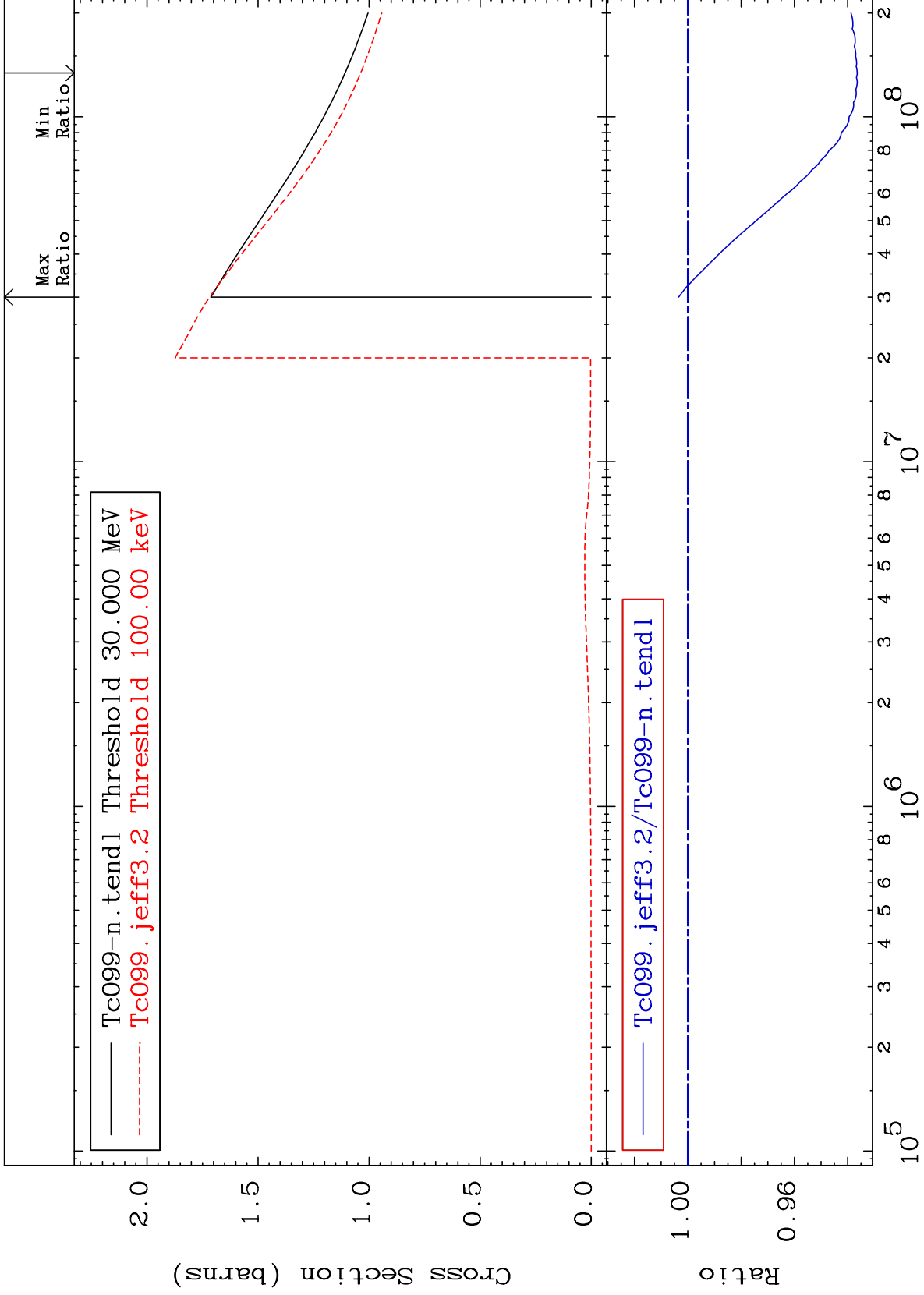
43-Tc-99
-100.0 To 14.78 %



MAT 4325

(n, remainder)
Cross Section

43-Tc-99
-6.356 To 0.344 %



Incident Energy (eV)

43-Tc-99

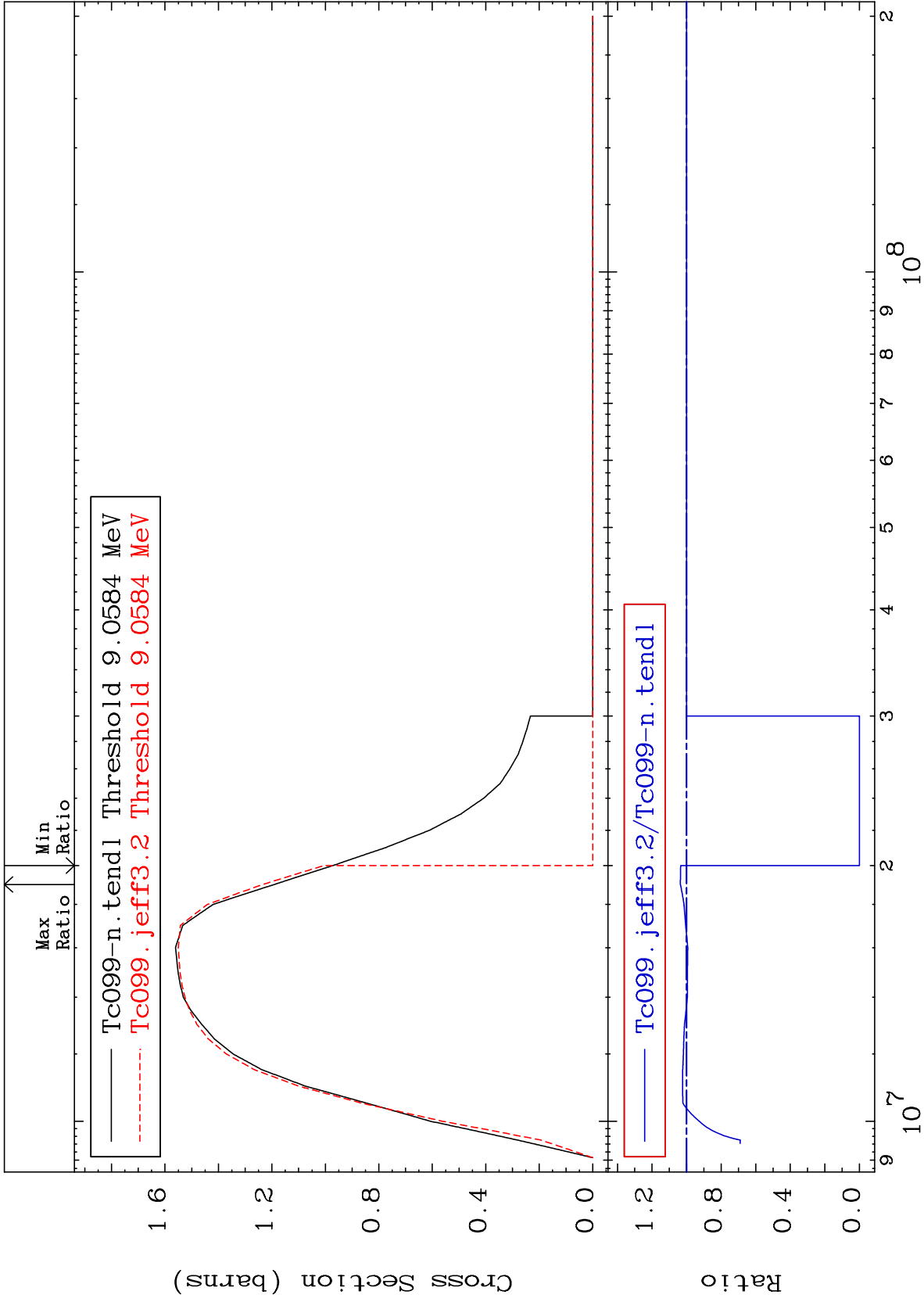
MAT 4325

(n,2n)

43-Tc-99

Cross Section

-100.0 To 3.609 %



Incident Energy (eV)

43-Tc-99

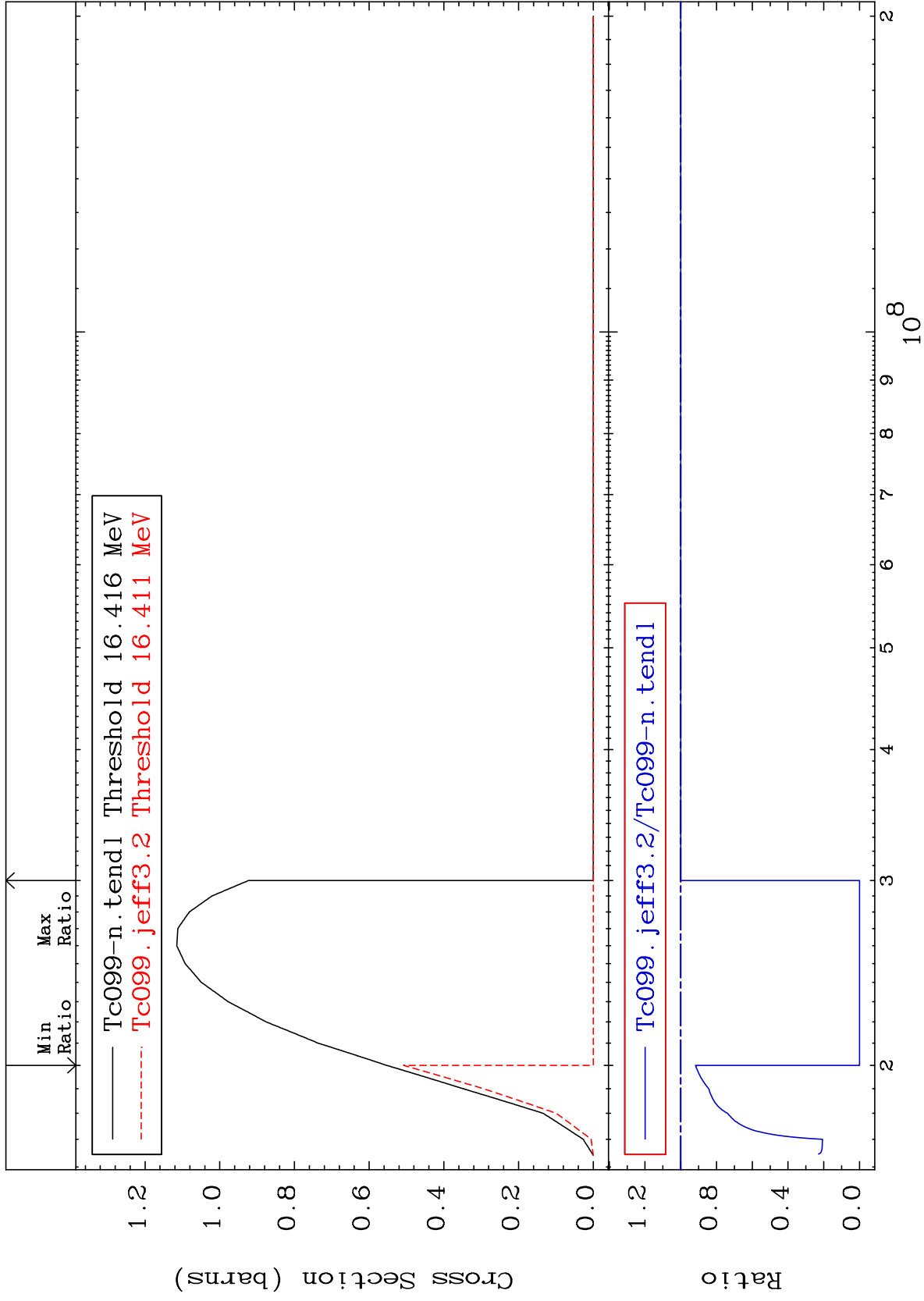
MAT 4325

(n,3n)

43-Tc-99

Cross Section

-100.0 To 0.000 %



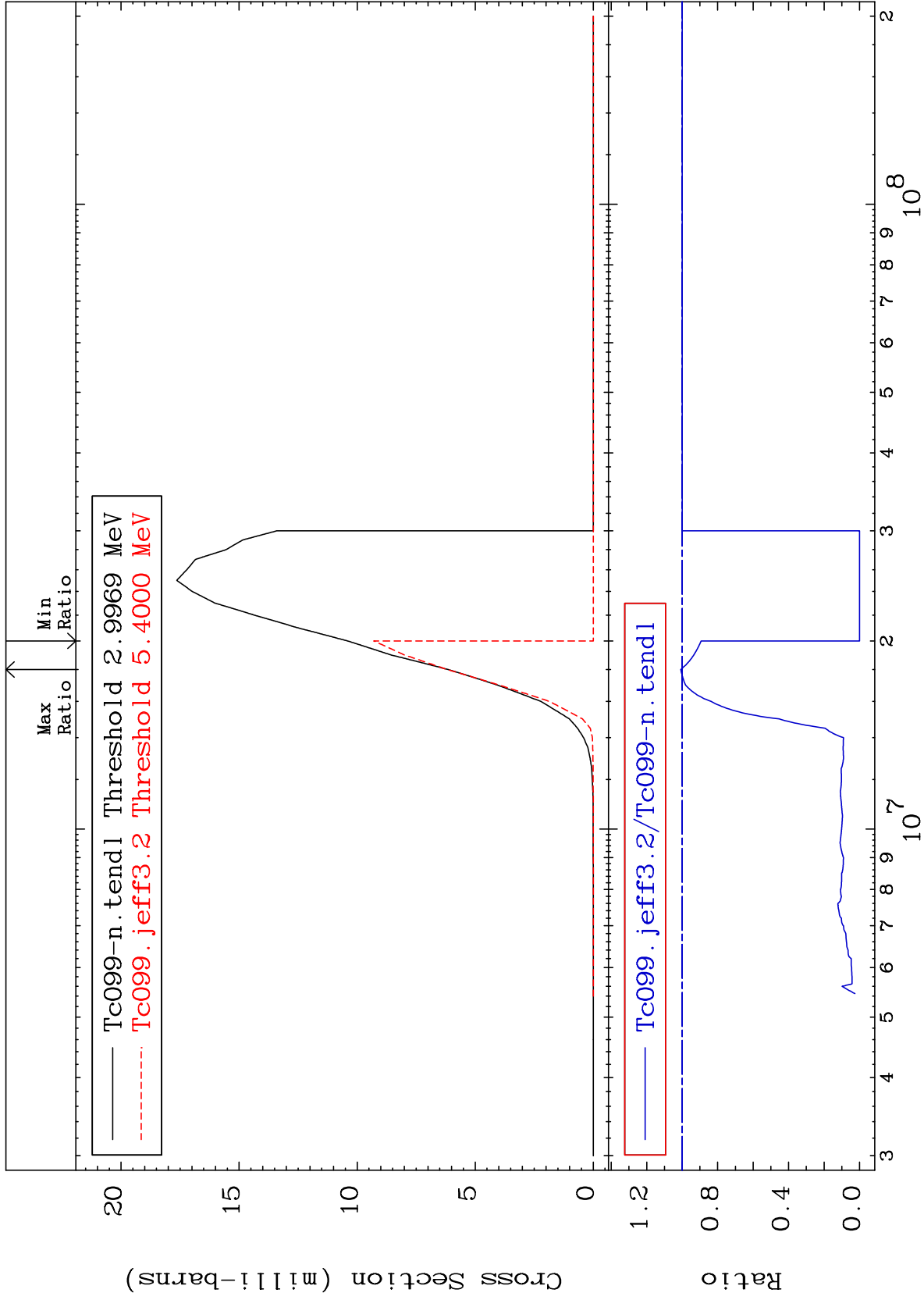
MAT 4325

(n, n') α

43-Tc-99

Cross Section

-100.0 To 0.798 %



7

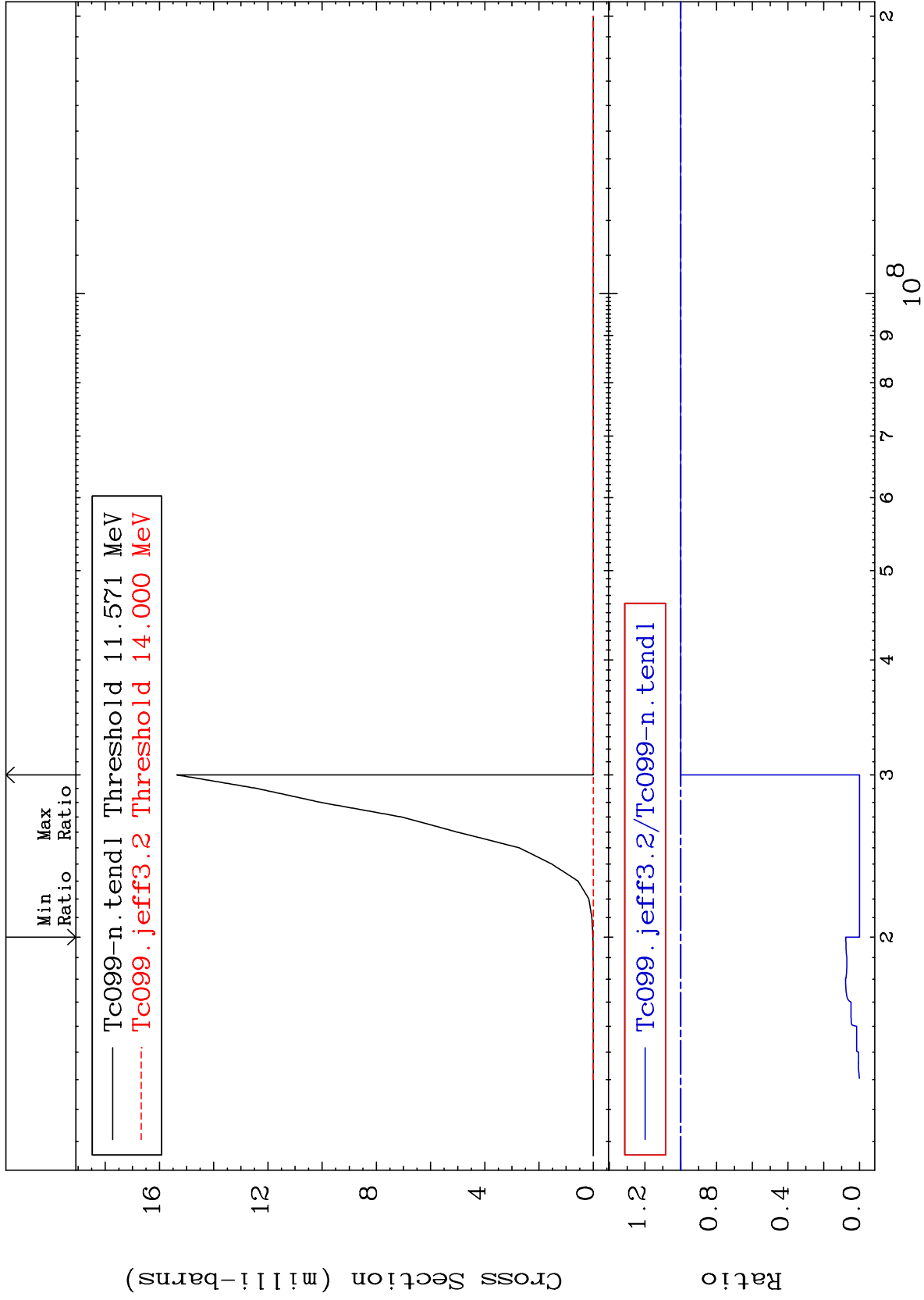
Incident Energy (eV)

43-Tc-99

MAT 4325

(n,2n) α
Cross Section

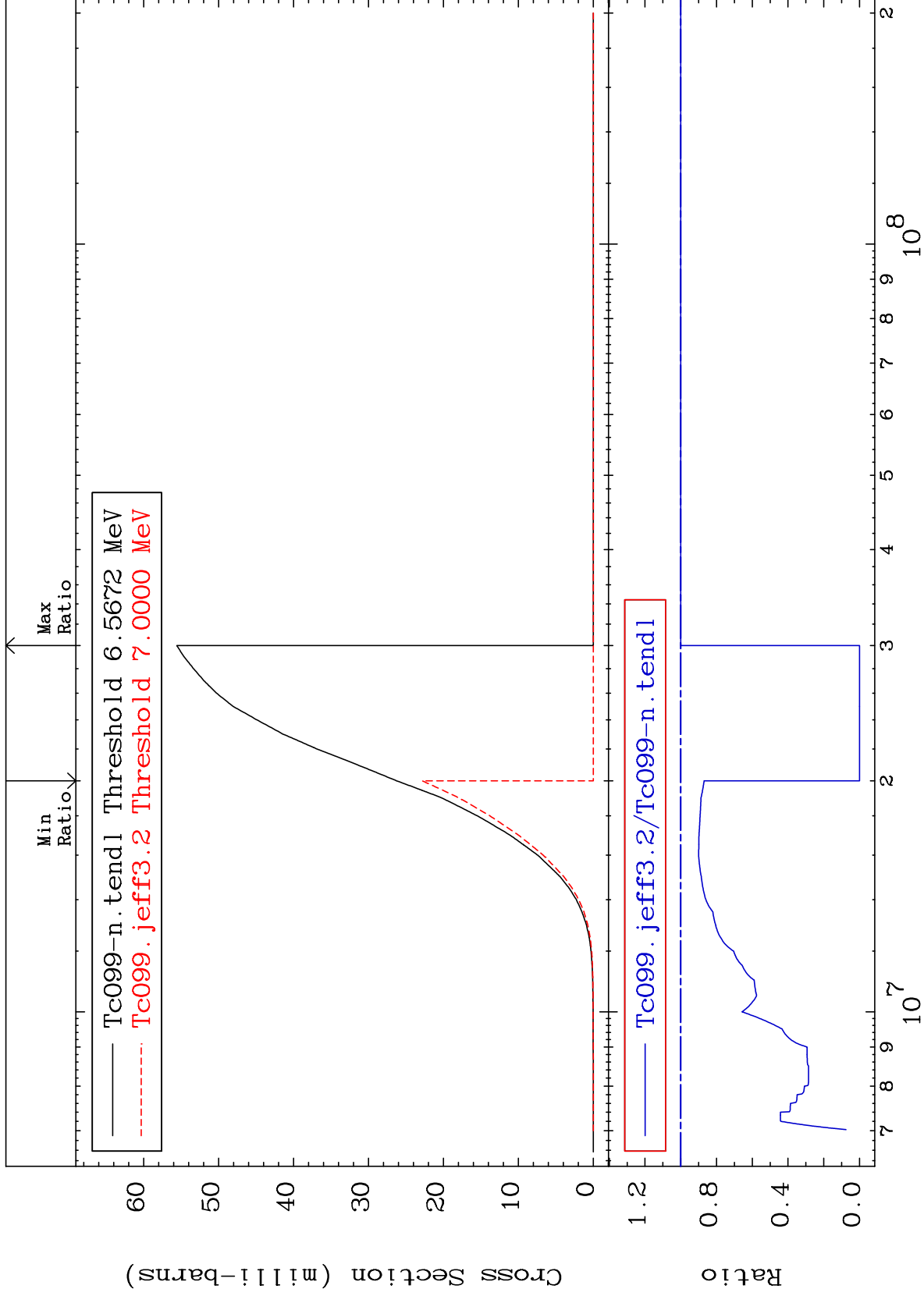
43-Tc-99
-100.0 To 0.000 %



MAT 4325

(n, n') p
Cross Section

43-Tc-99
-100.0 To 0.000 %



9

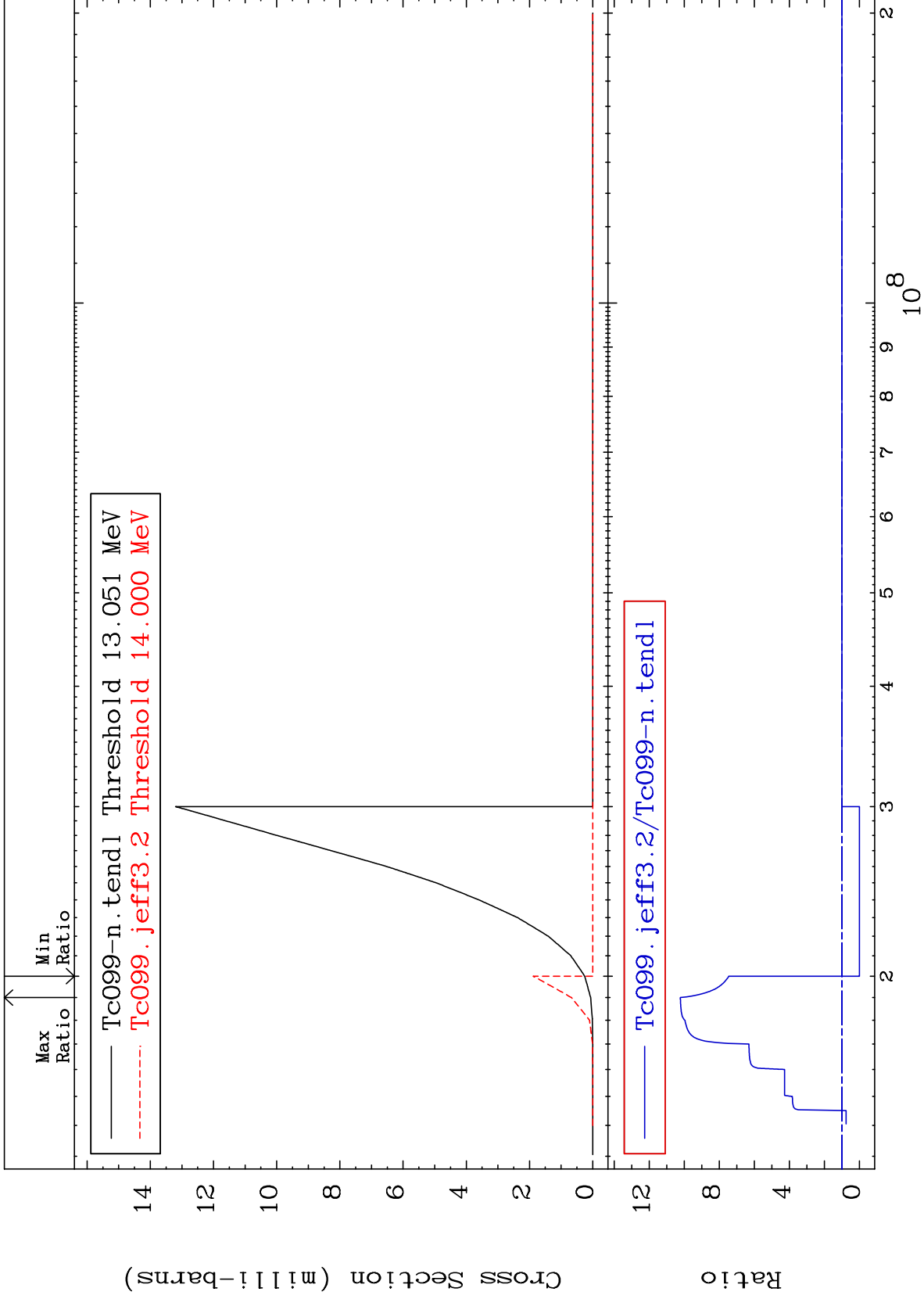
Incident Energy (eV)

43-Tc-99

MAT 4325

(n, n') d
Cross Section

43-Tc-99
-100.0 To 922.6 %



10

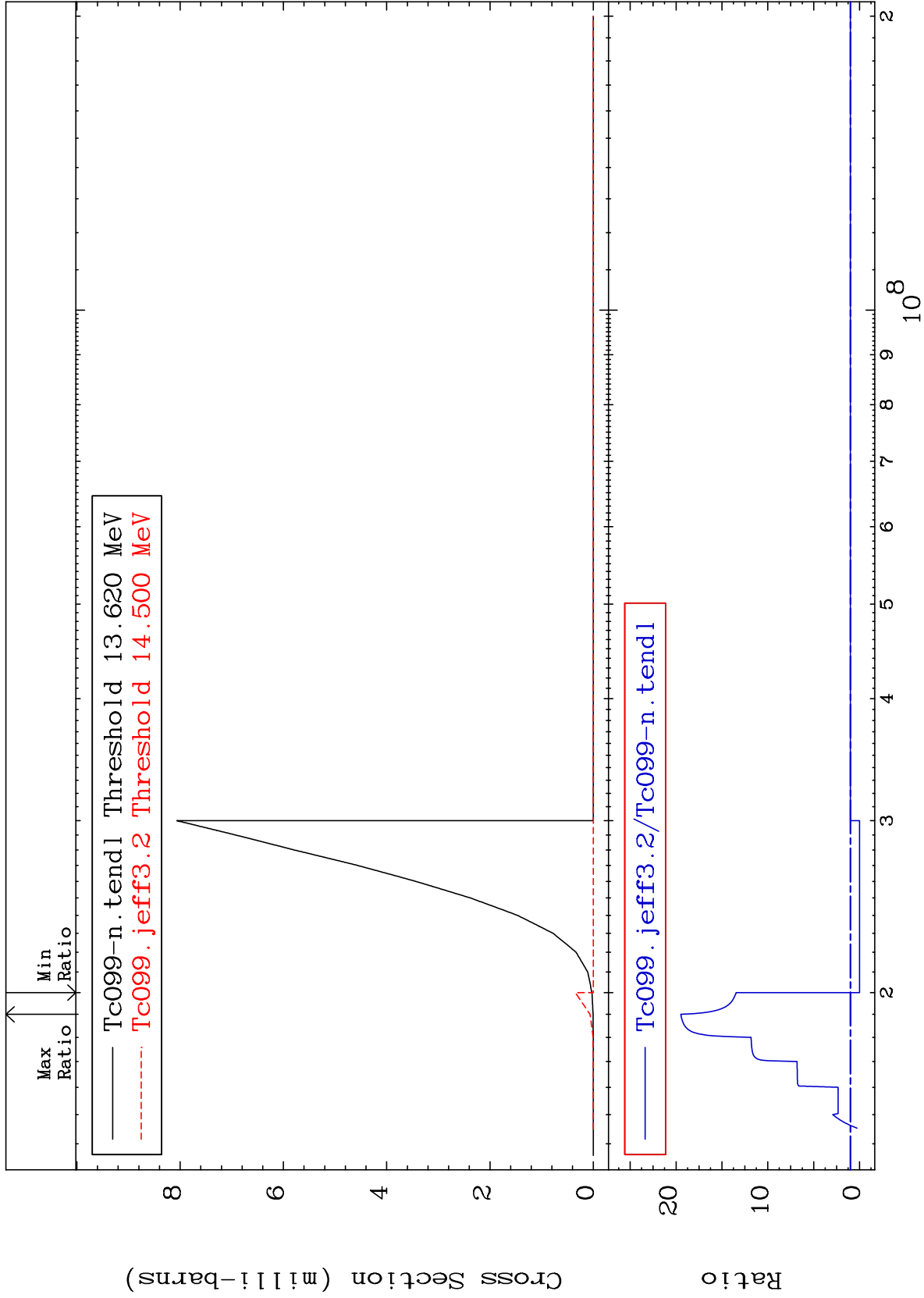
Incident Energy (eV)

43-Tc-99

MAT 4325

(n, n') t
Cross Section

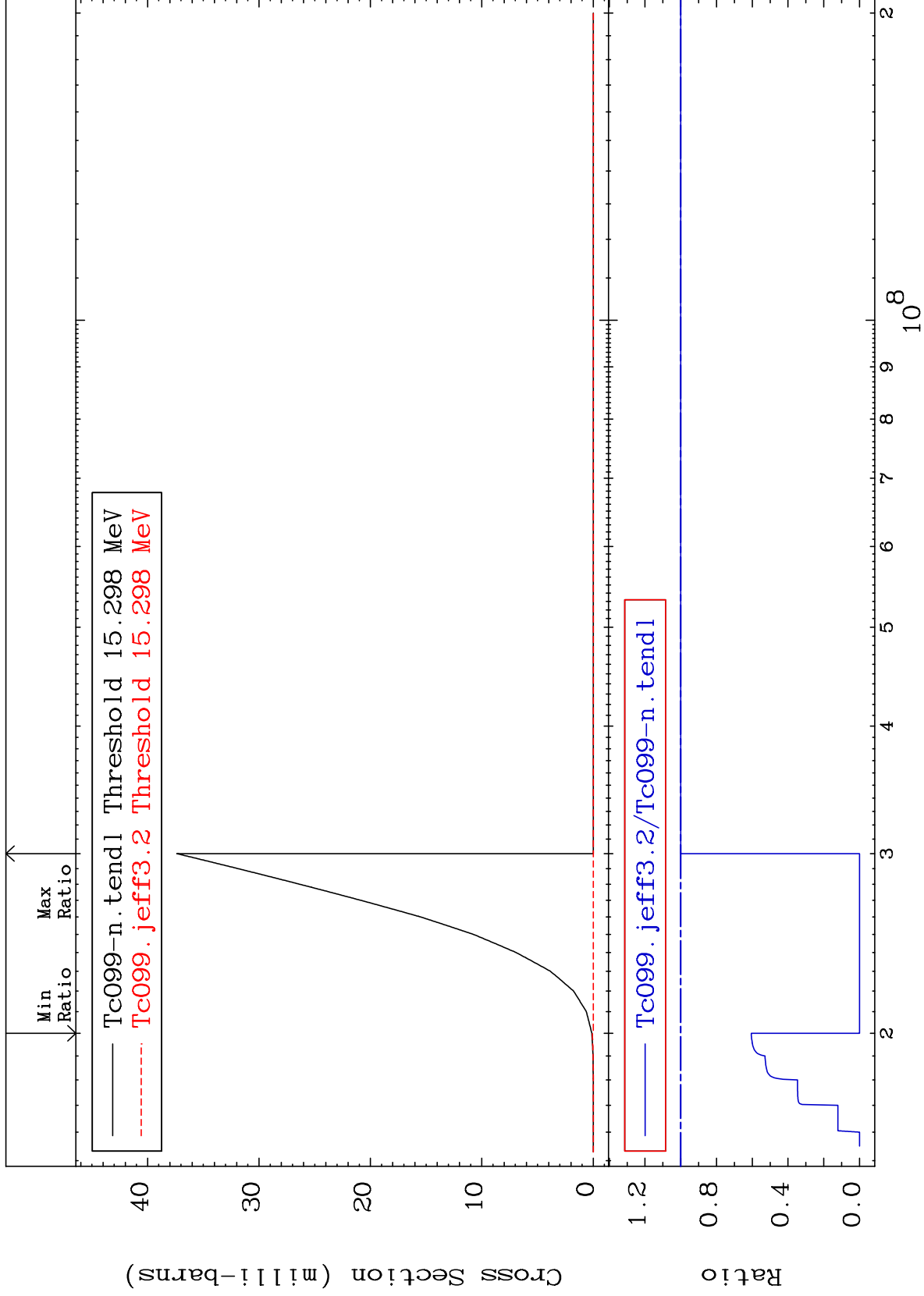
43-Tc-99
-100.0 To 1848. %



MAT 4325

(n,2n) p
Cross Section

43-Tc-99
-100.0 To 0.000 %



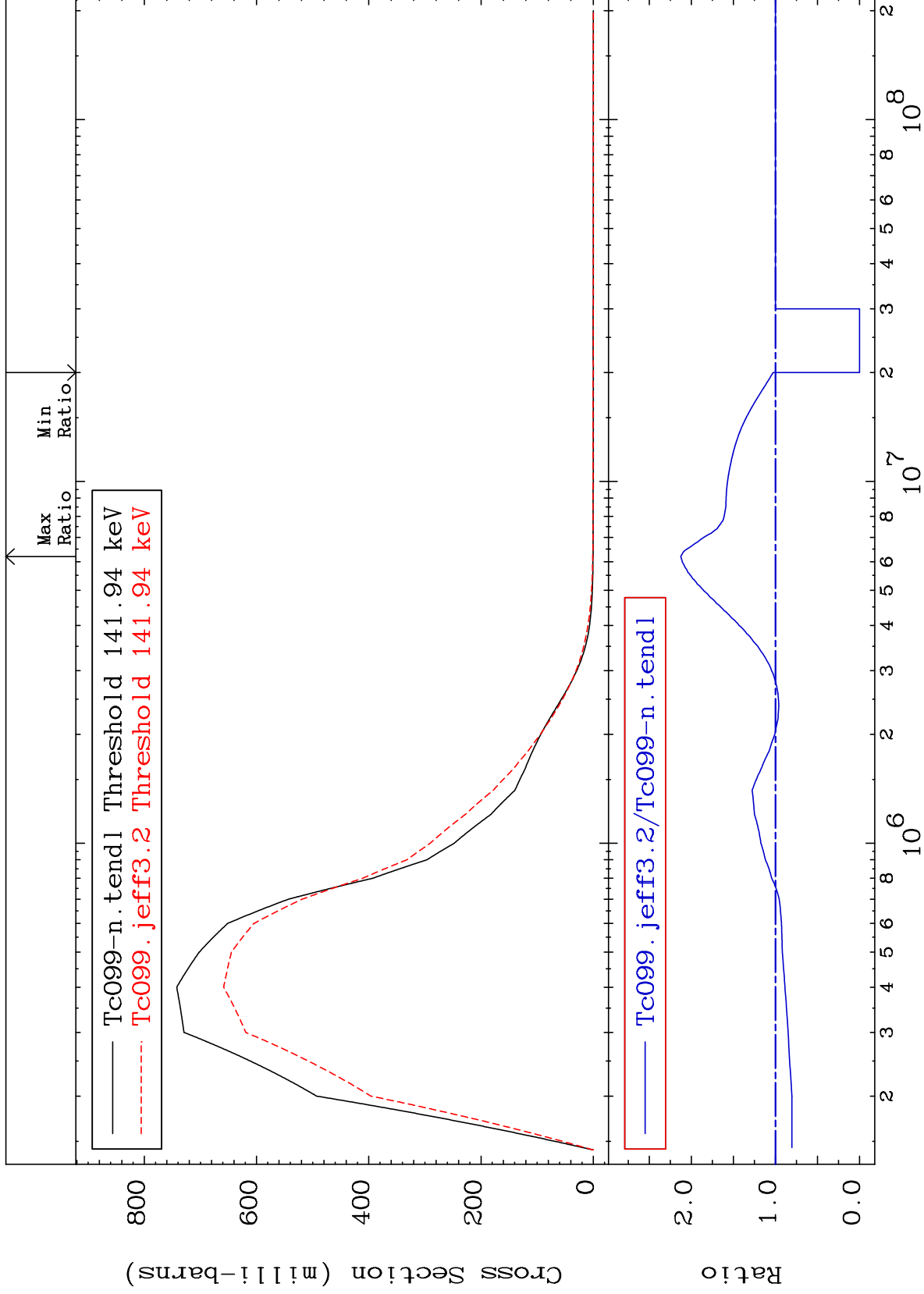
MAT 4325

140.5 keV (n,n') Level

⁴³Tc-99

-100.0 To 112.6 %

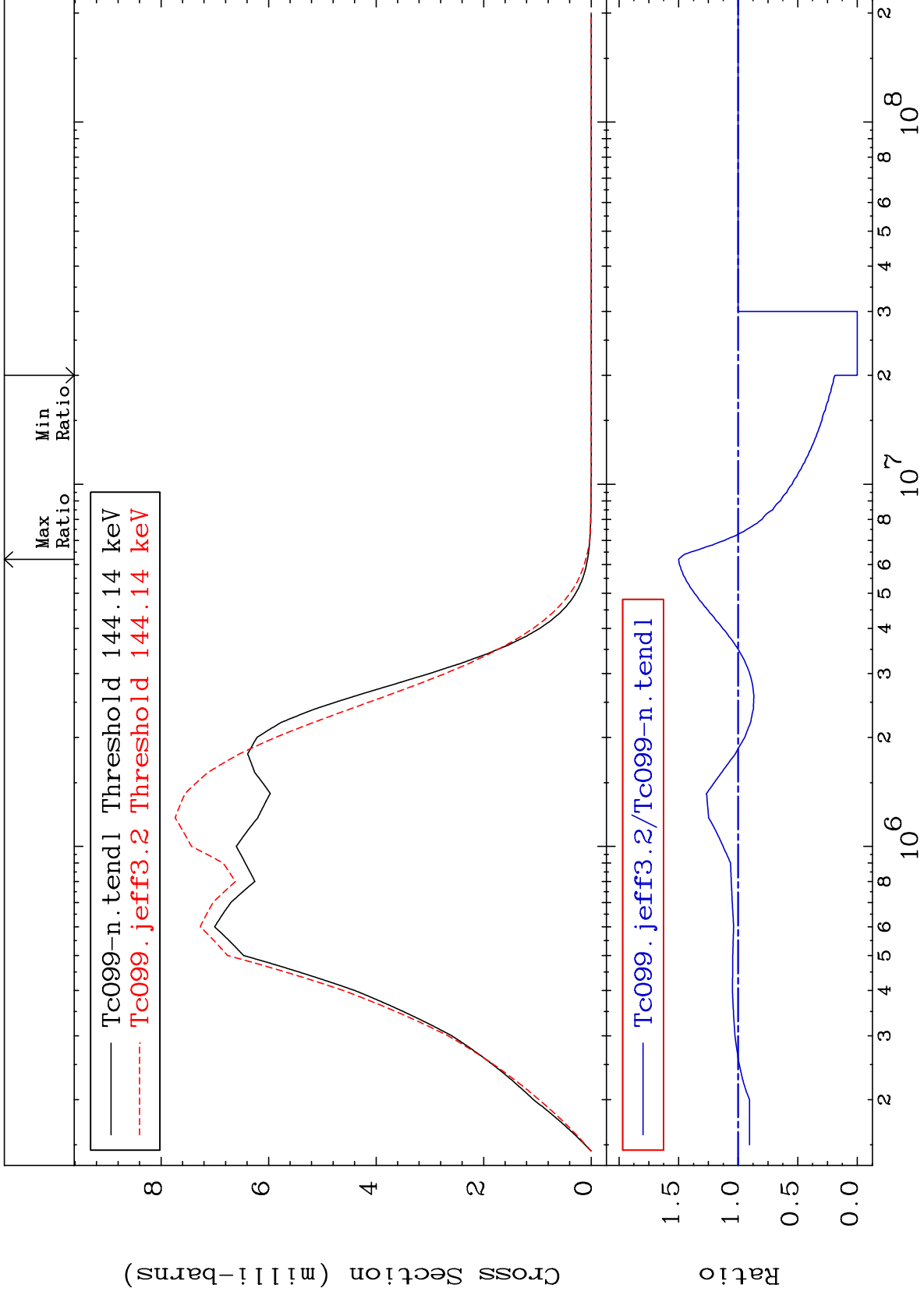
Cross Section



MAT 4325

142.7 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 49.97 %



14

43-Tc-99

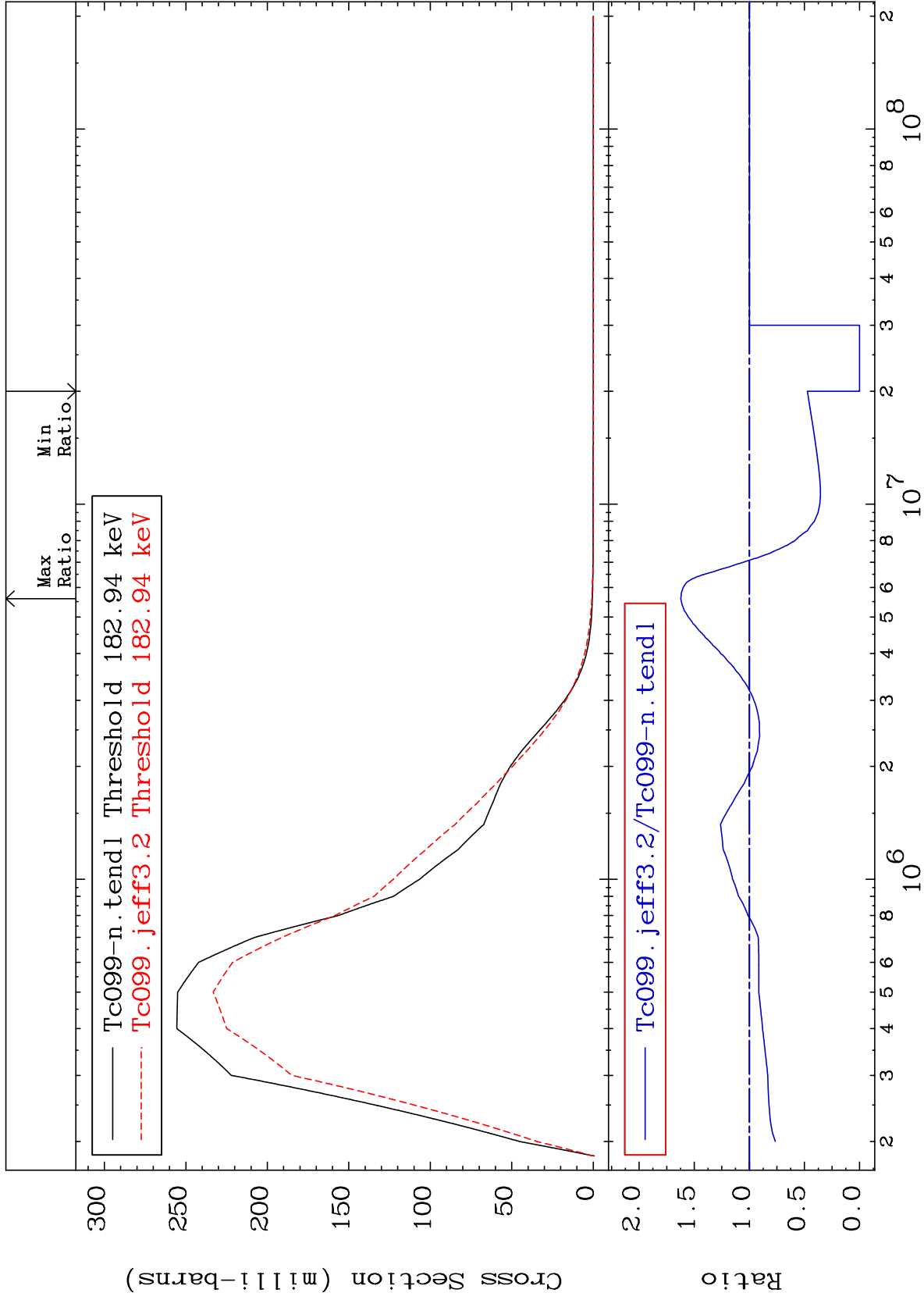
MAT 4325

181.1 keV (n,n') Level

43-Tc-99

-100.0 To 62.24 %

Cross Section



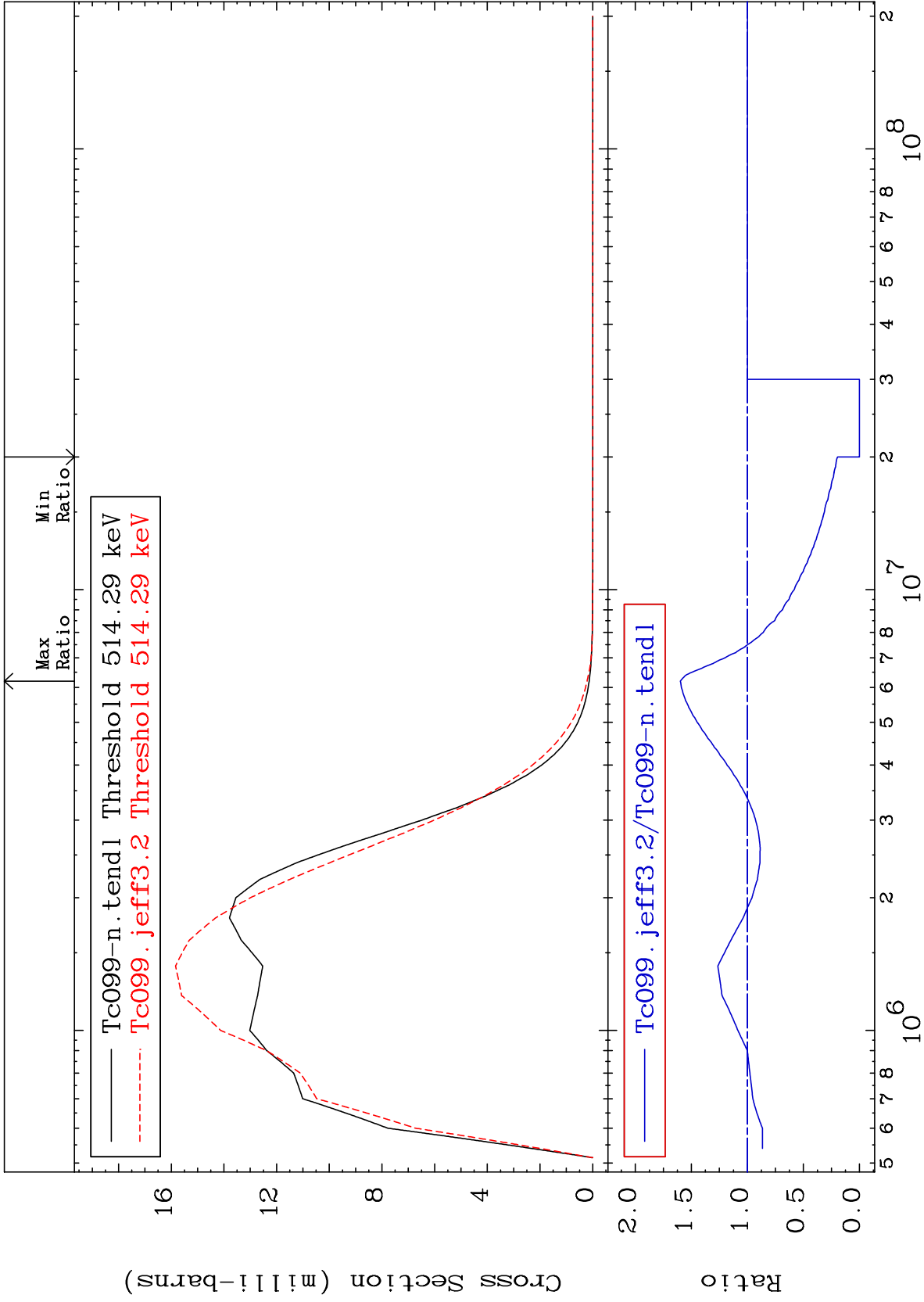
MAT 4325

509.1 keV (n,n') Level

⁴³Tc-99

-100.0 To 59.85 %

Cross Section



16

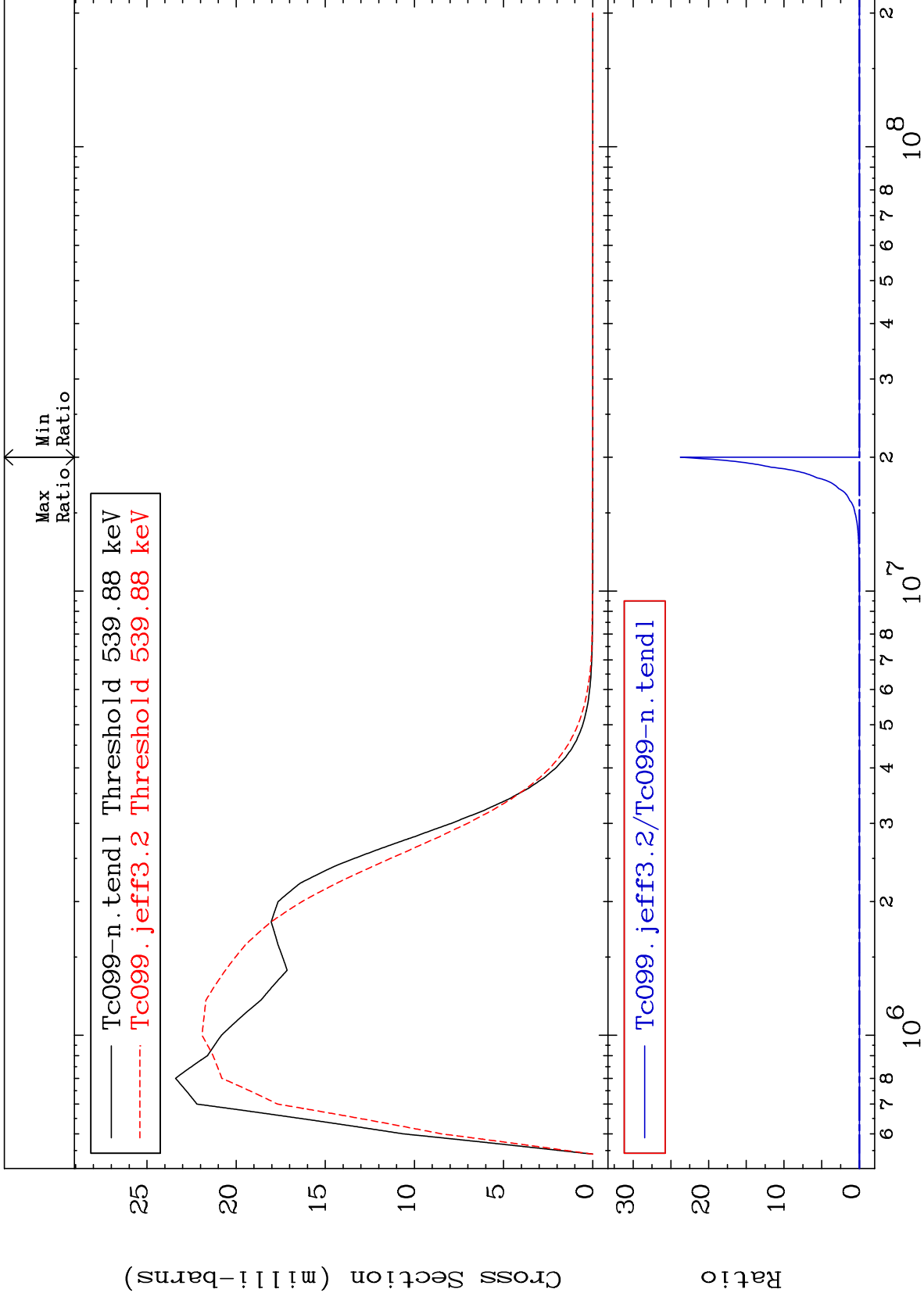
Incident Energy (eV)

⁴³Tc-99

MAT 4325

534.4 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 9999. %



17

Incident Energy (eV)

43-Tc-99

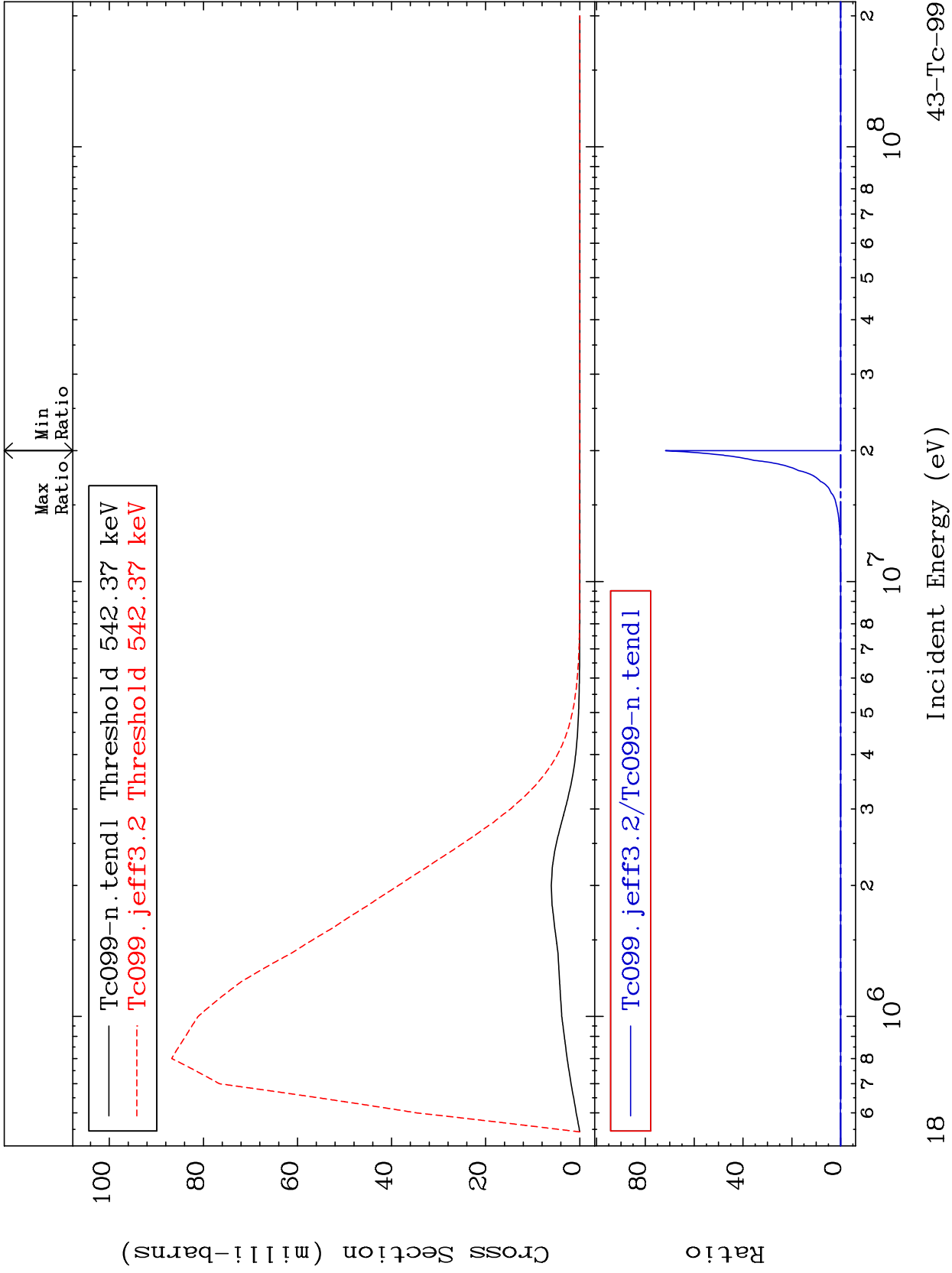
MAT 4325

536.9 keV (n,n') Level

43-Tc-99

-100.0 To 9999. %

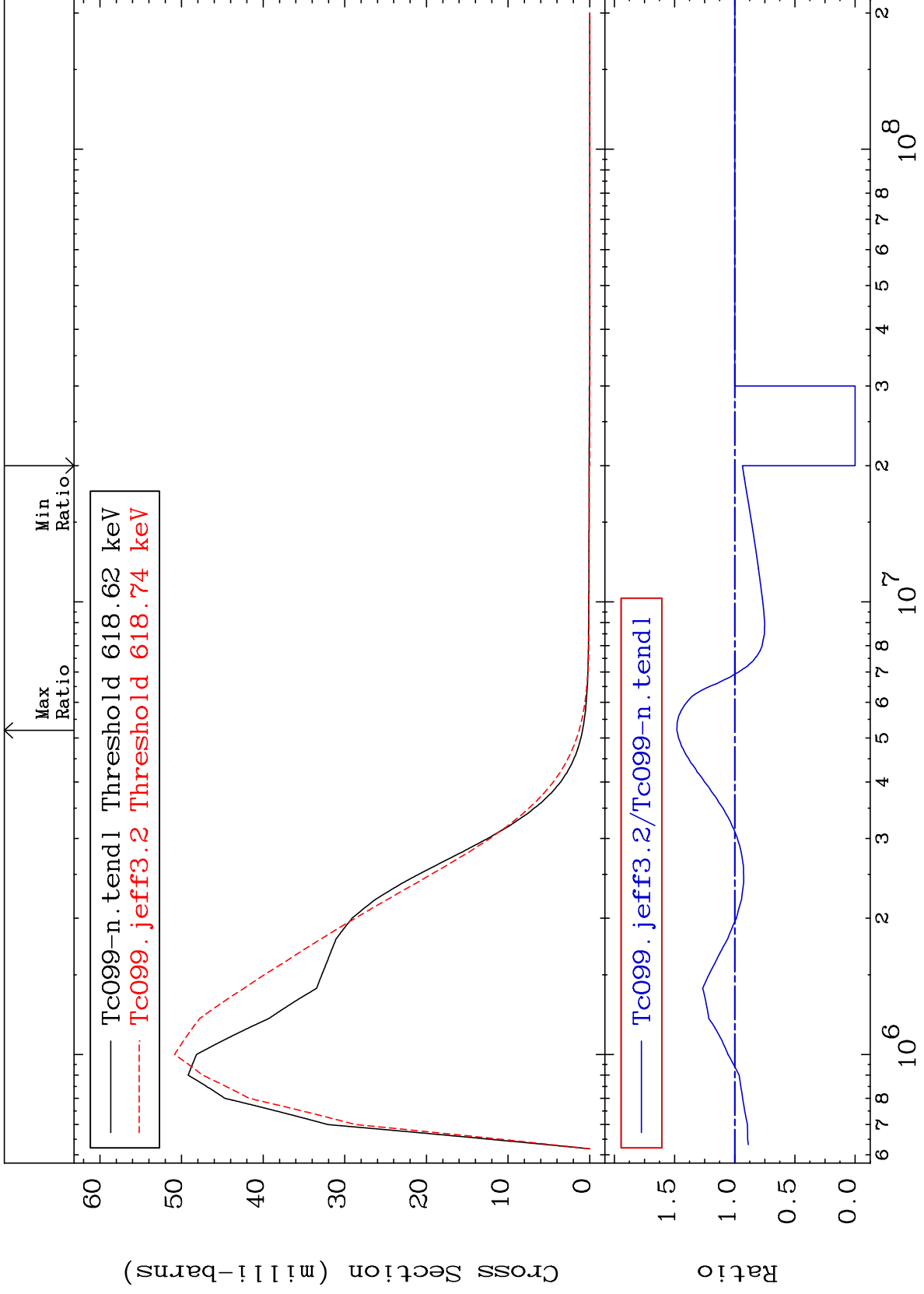
Cross Section



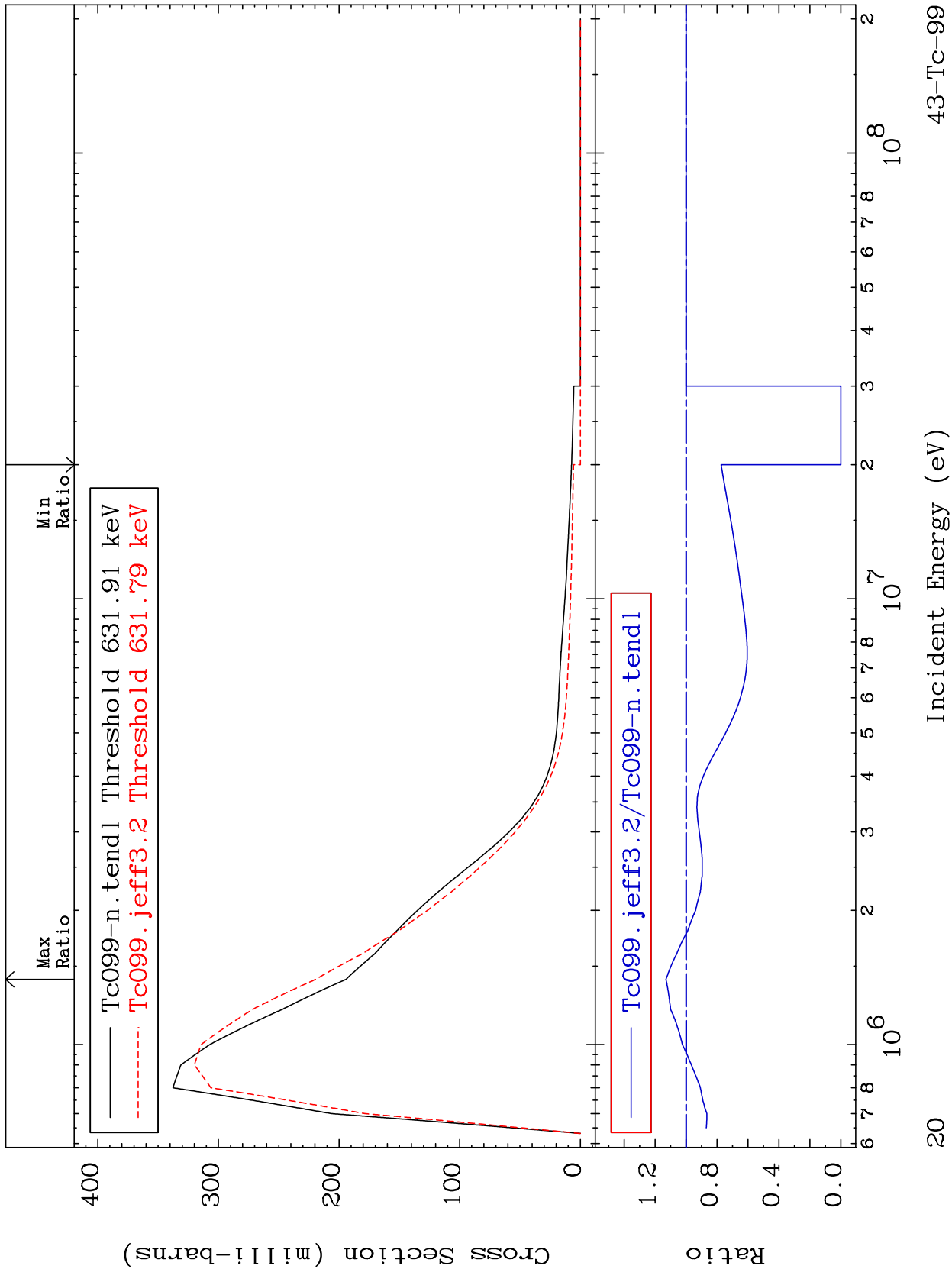
MAT 4325

612.4 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 48.03 %



MAT 4325 625.5 keV (n,n') Level 43-Tc-99
 Cross Section -100.0 To 12.98 %

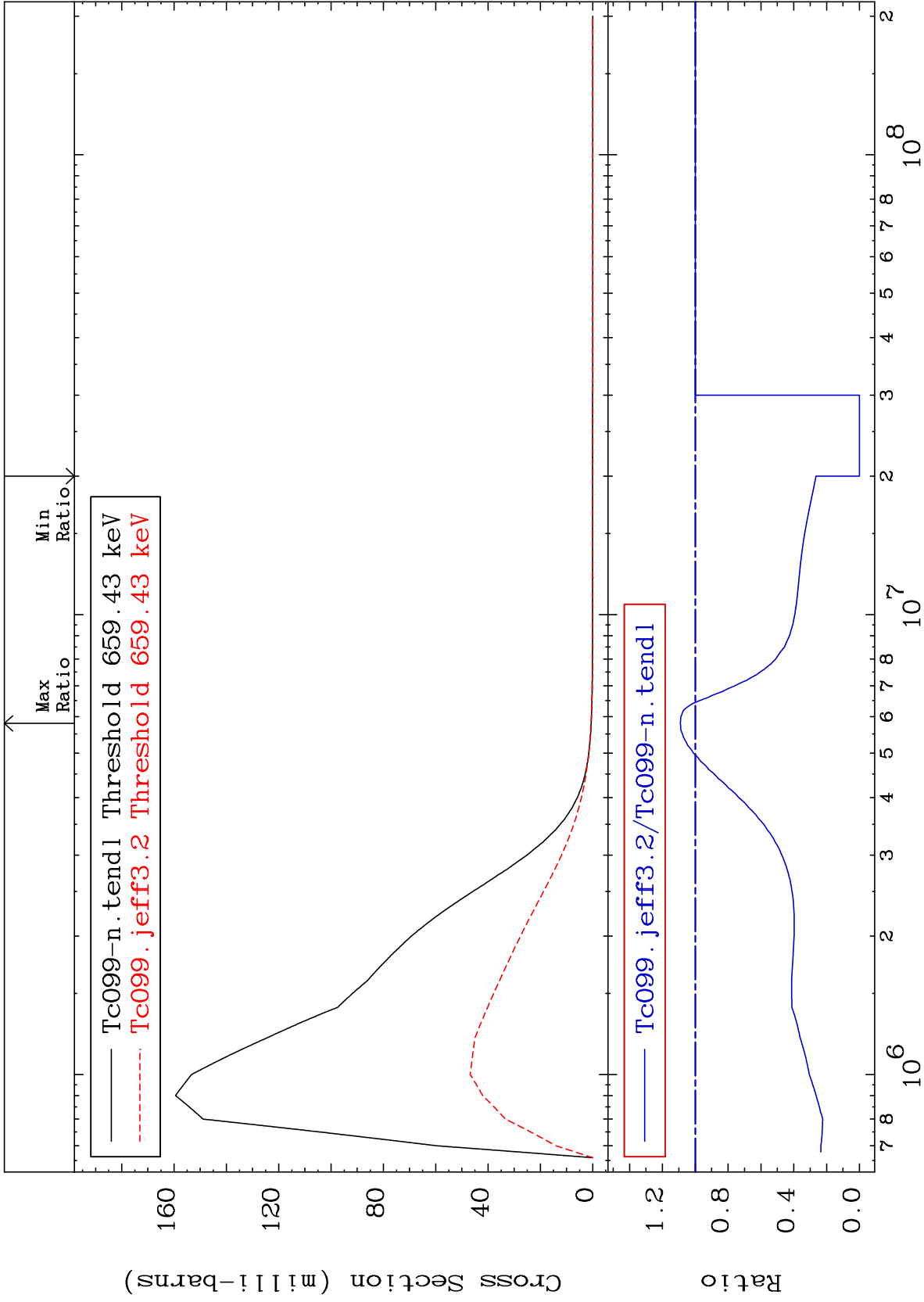


MAT 4325

652.8 keV (n,n') Level

43-Tc-99

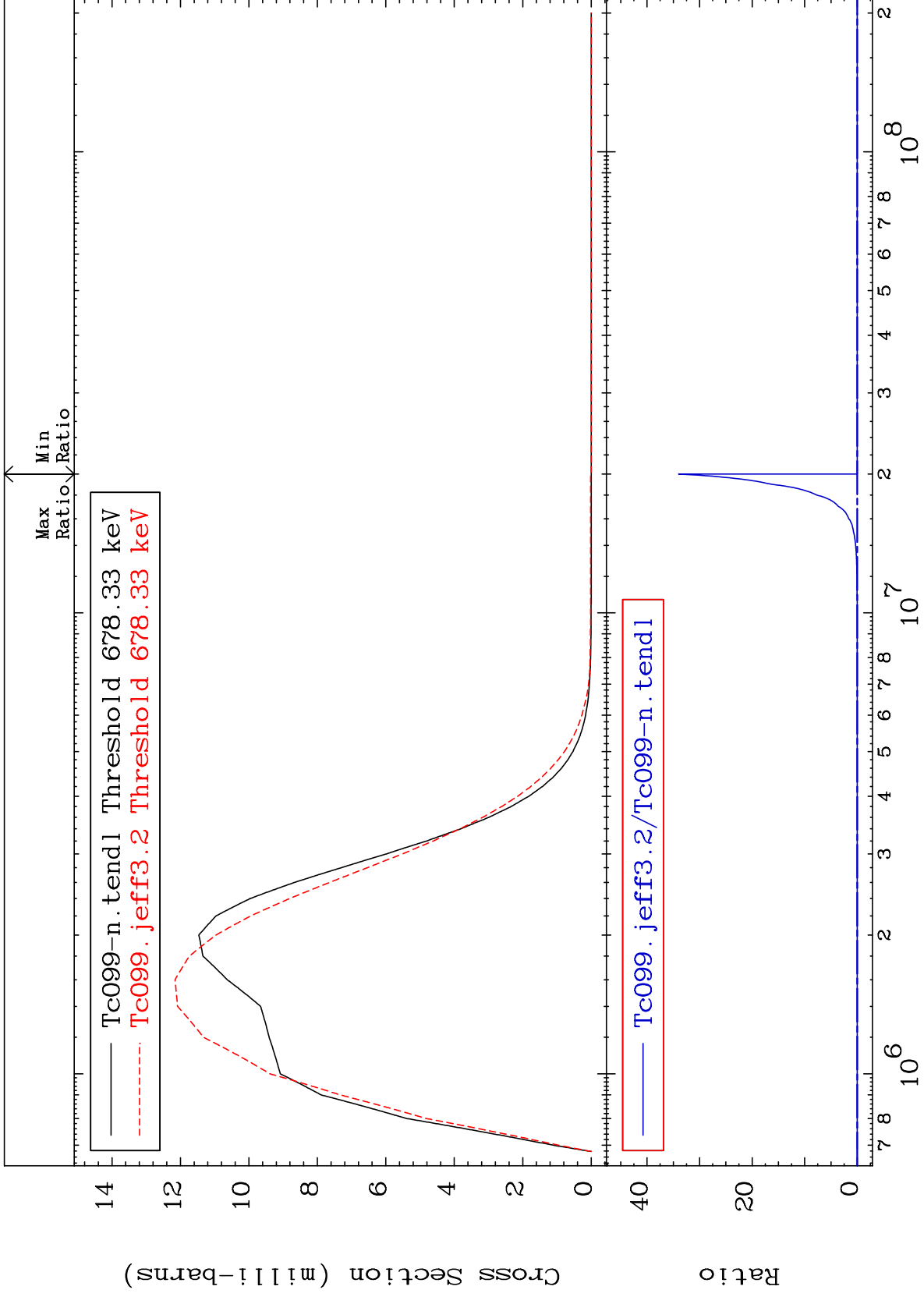
-100.0 To 9.073 %



MAT 4325

671.5 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 9999. %



22

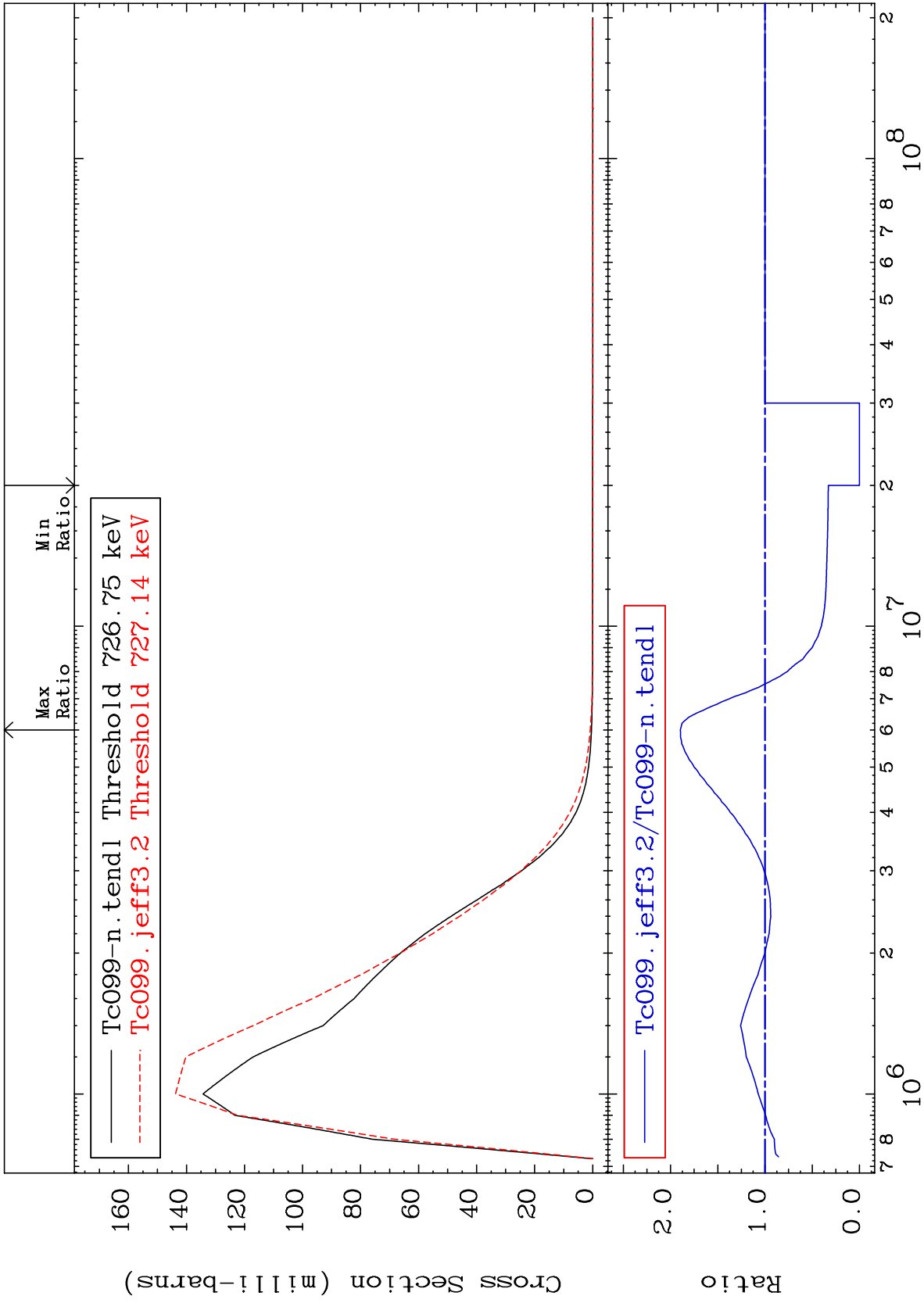
Incident Energy (eV)

43-Tc-99

MAT 4325

719.4 keV (n,n') Level
Cross Section

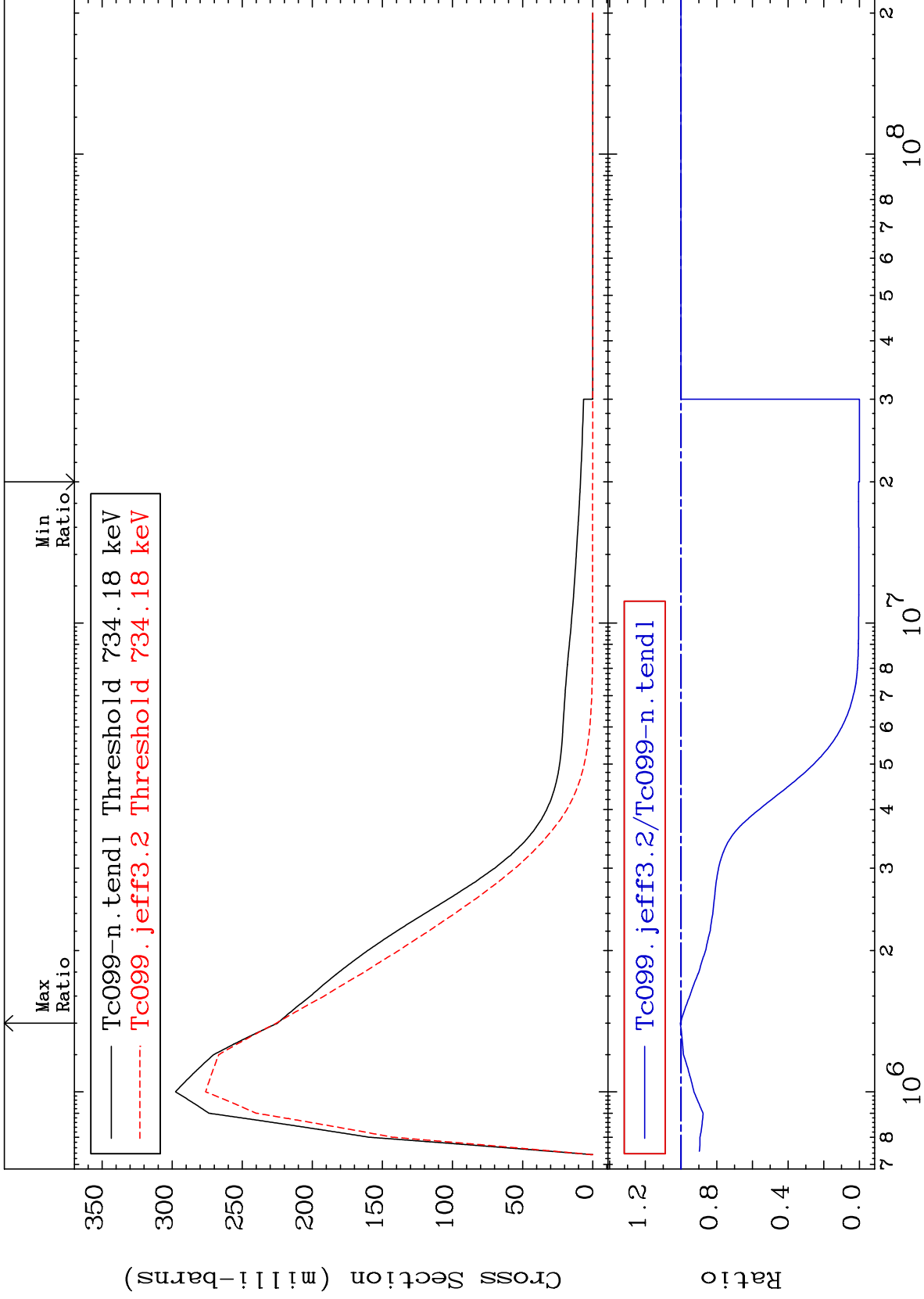
43-Tc-99
-100.0 To 89.58 %



MAT 4325

726.8 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 0.379 %



24

Incident Energy (eV)

43-Tc-99

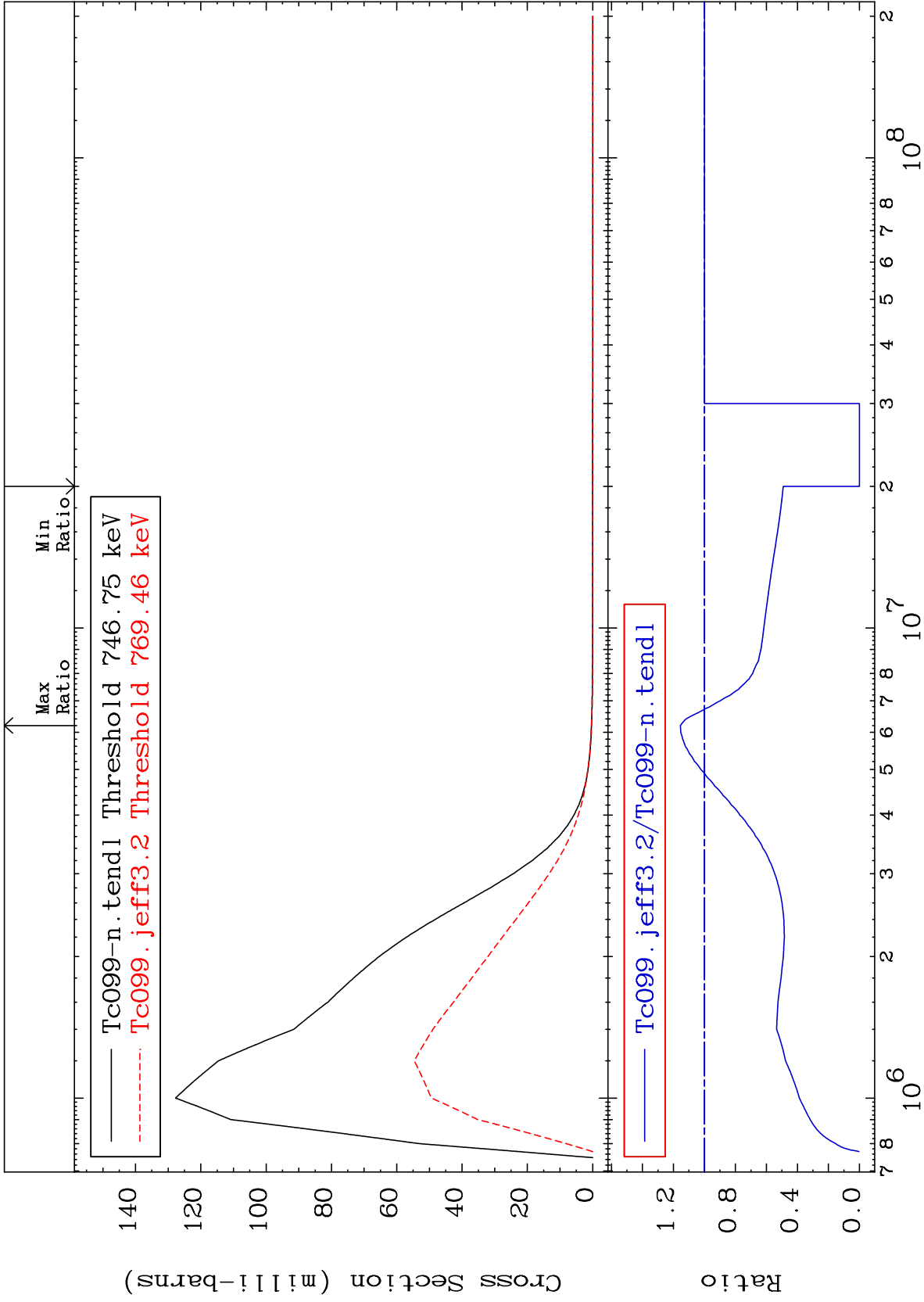
MAT 4325

739.2 keV (n,n') Level

43-Tc-99

-100.0 To 15.52 %

Cross Section



25

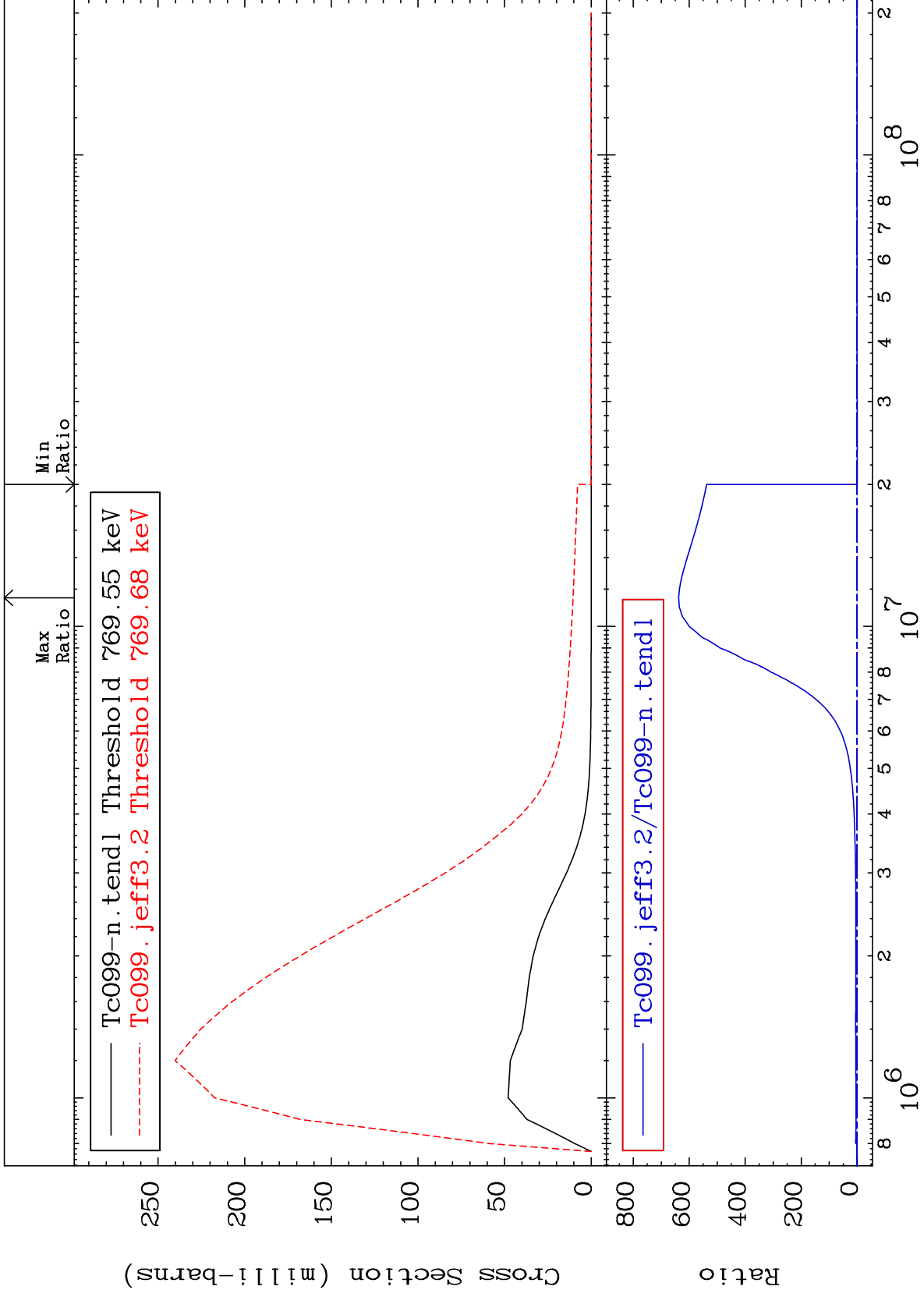
Incident Energy (eV)

43-Tc-99

MAT 4325

761.8 keV (n,n') Level
Cross Section

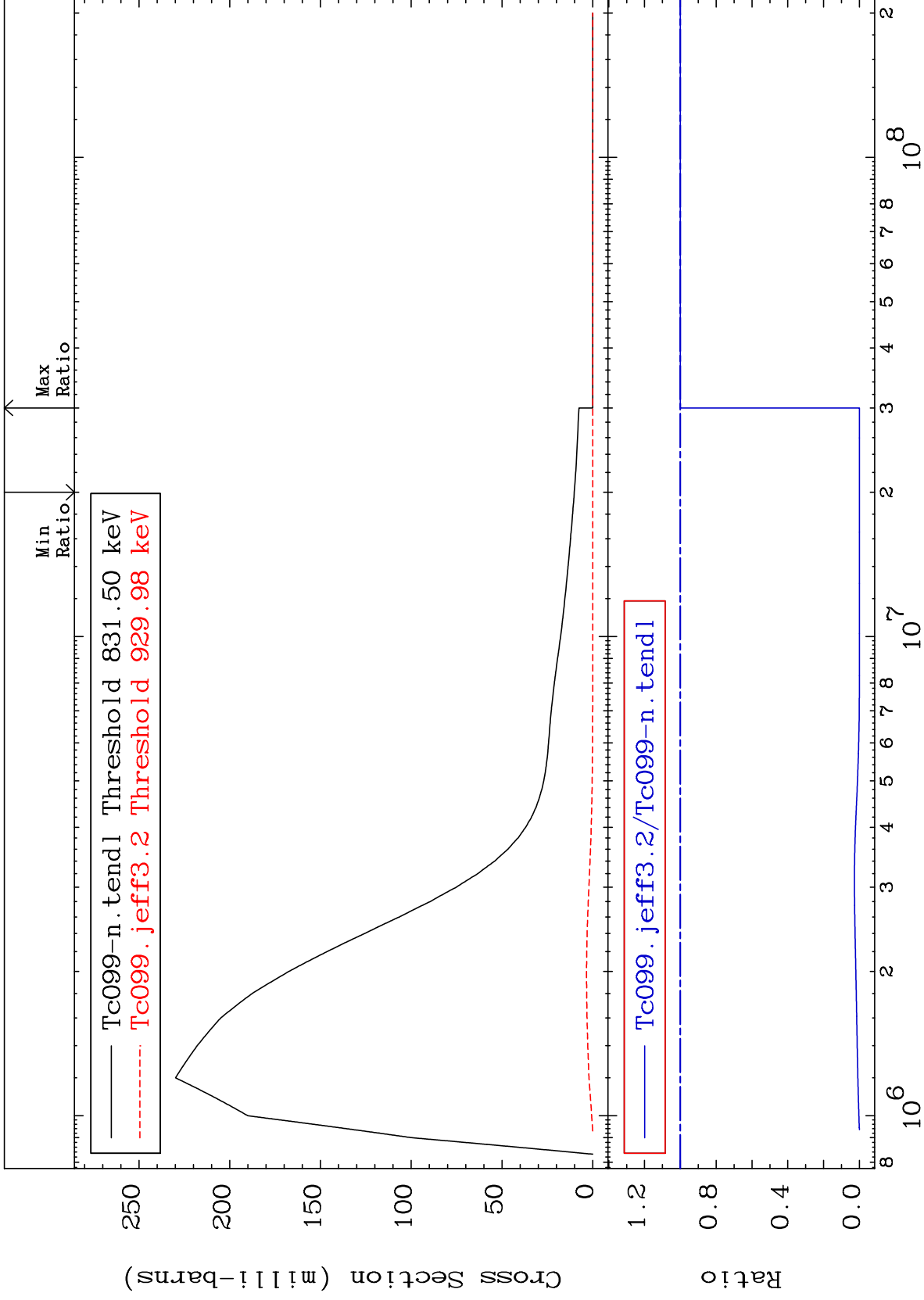
43-Tc-99
-100.0 To 9999. %



MAT 4325

823.1 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 0.000 %



27

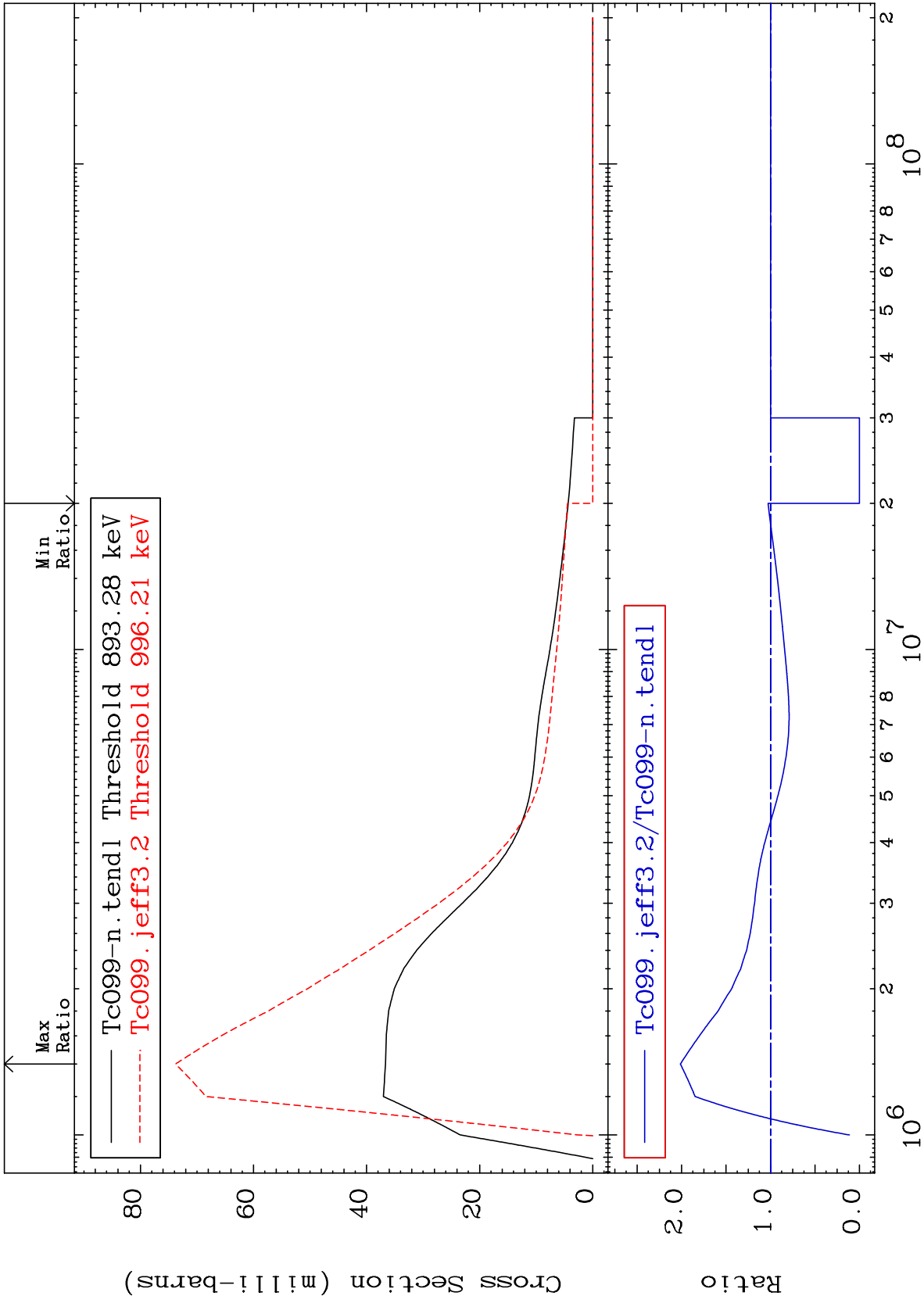
Incident Energy (eV)

43-Tc-99

MAT 4325

884.3 keV (n,n') Level
Cross Section

43-Tc-99
-100.0 To 101.4 %



28

Incident Energy (eV)

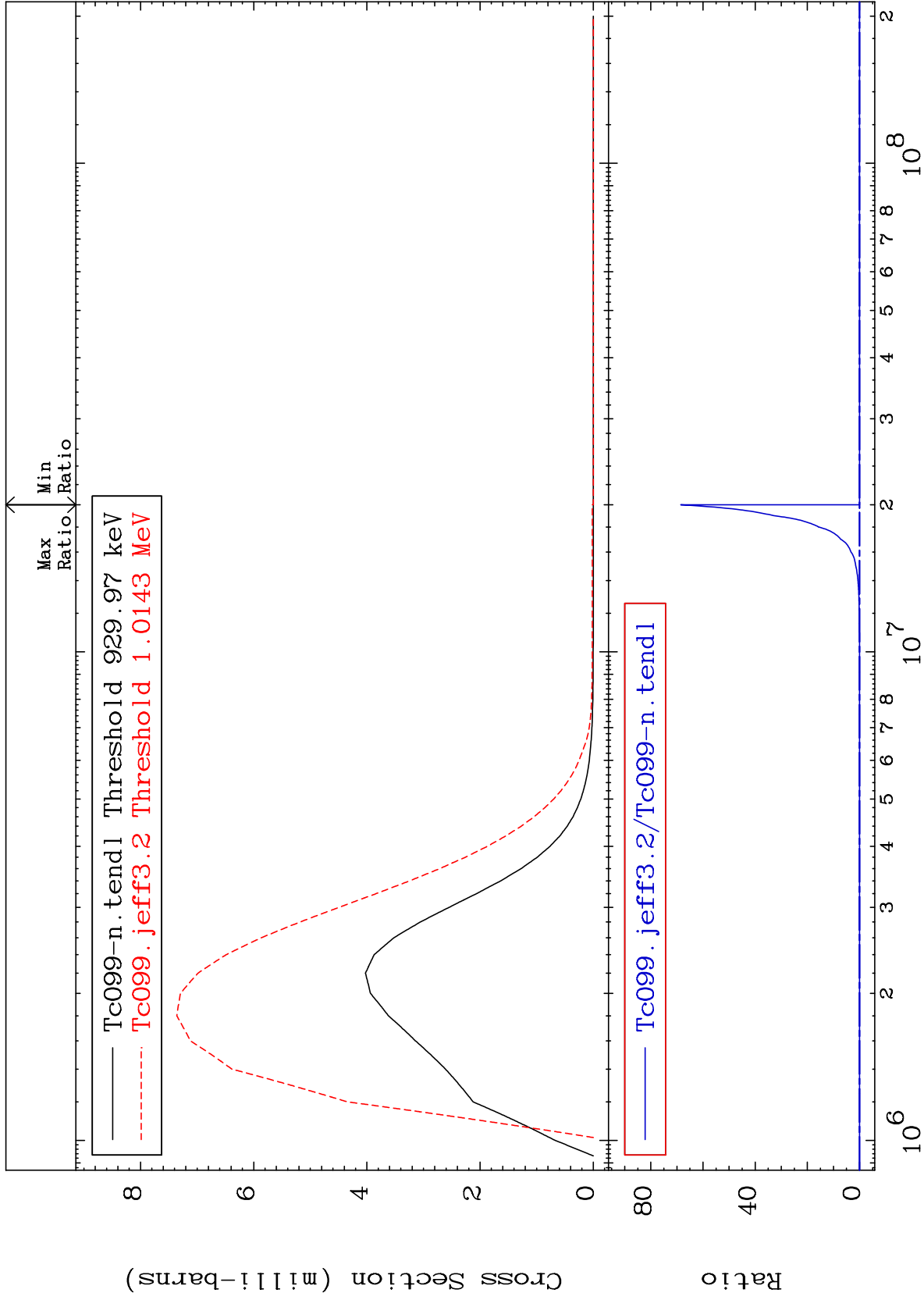
43-Tc-99

MAT 4325

920.6 keV (n,n') Level

43-Tc-99

-100.0 To 9999. %



29

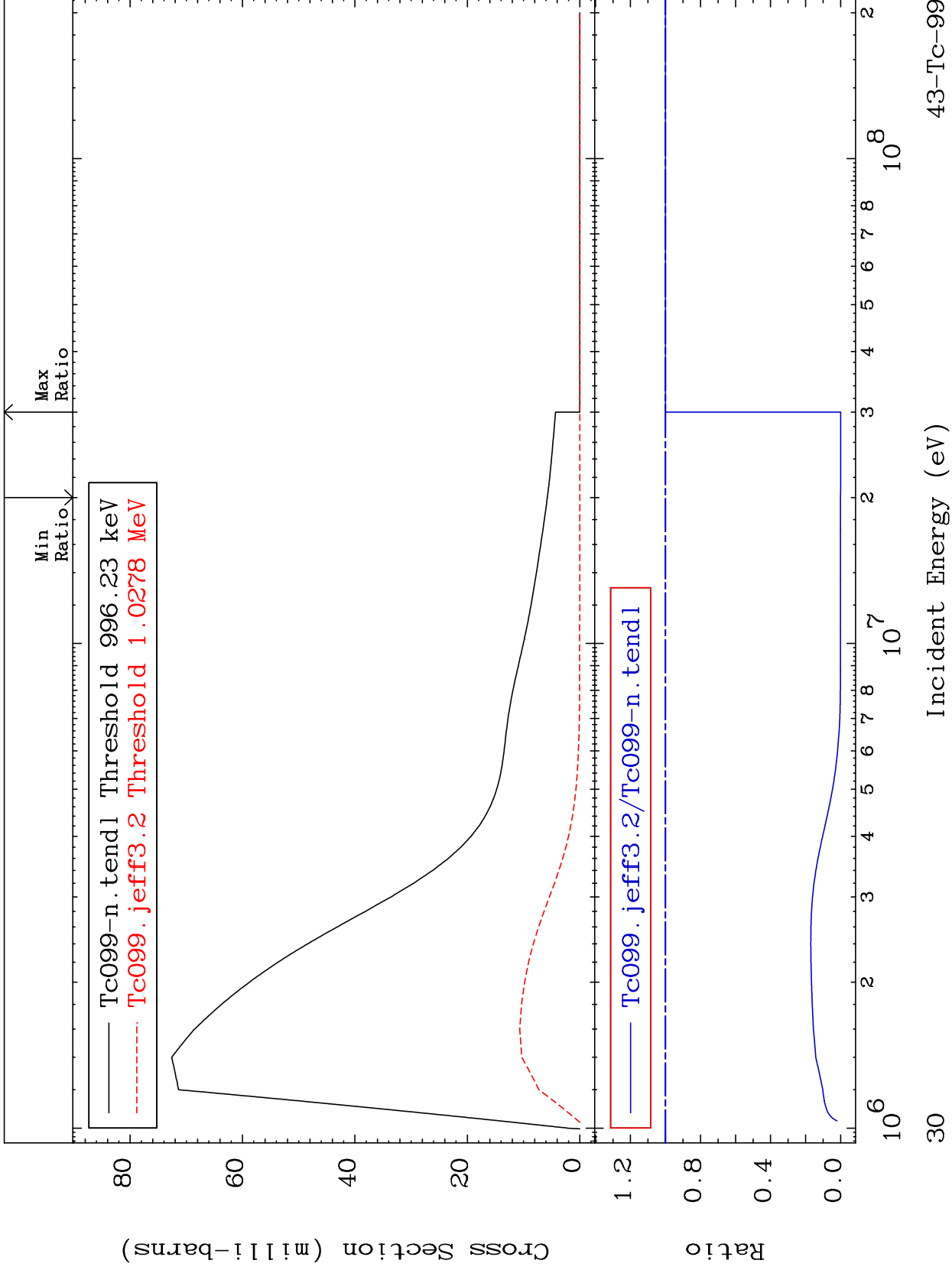
43-Tc-99

43-Tc-99

MAT 4325

986.2 keV (n,n') Level
Cross Section

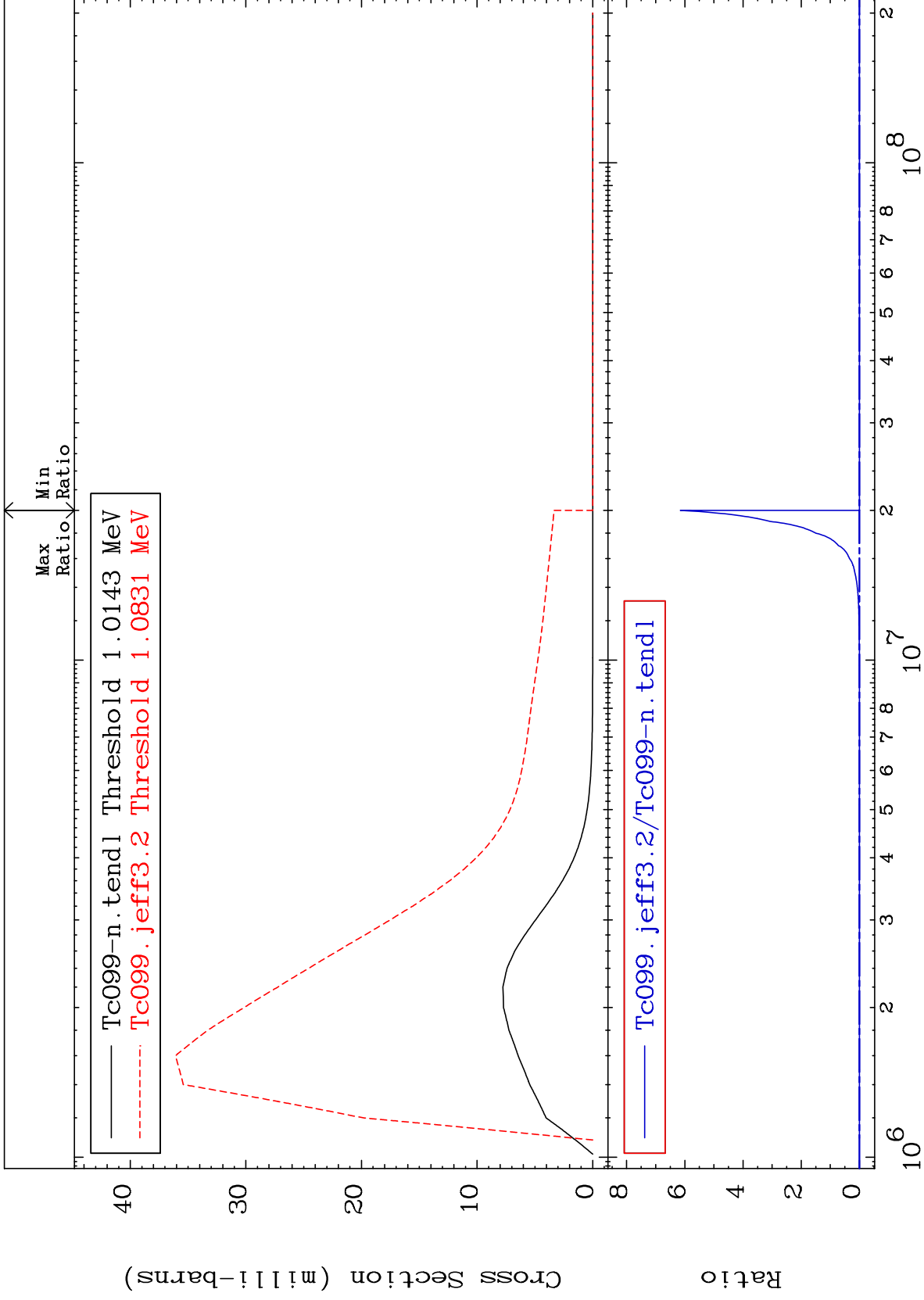
43-Tc-99
-100.0 To 0.000 %



MAT 4325

1.004 MeV (n,n') Level
Cross Section

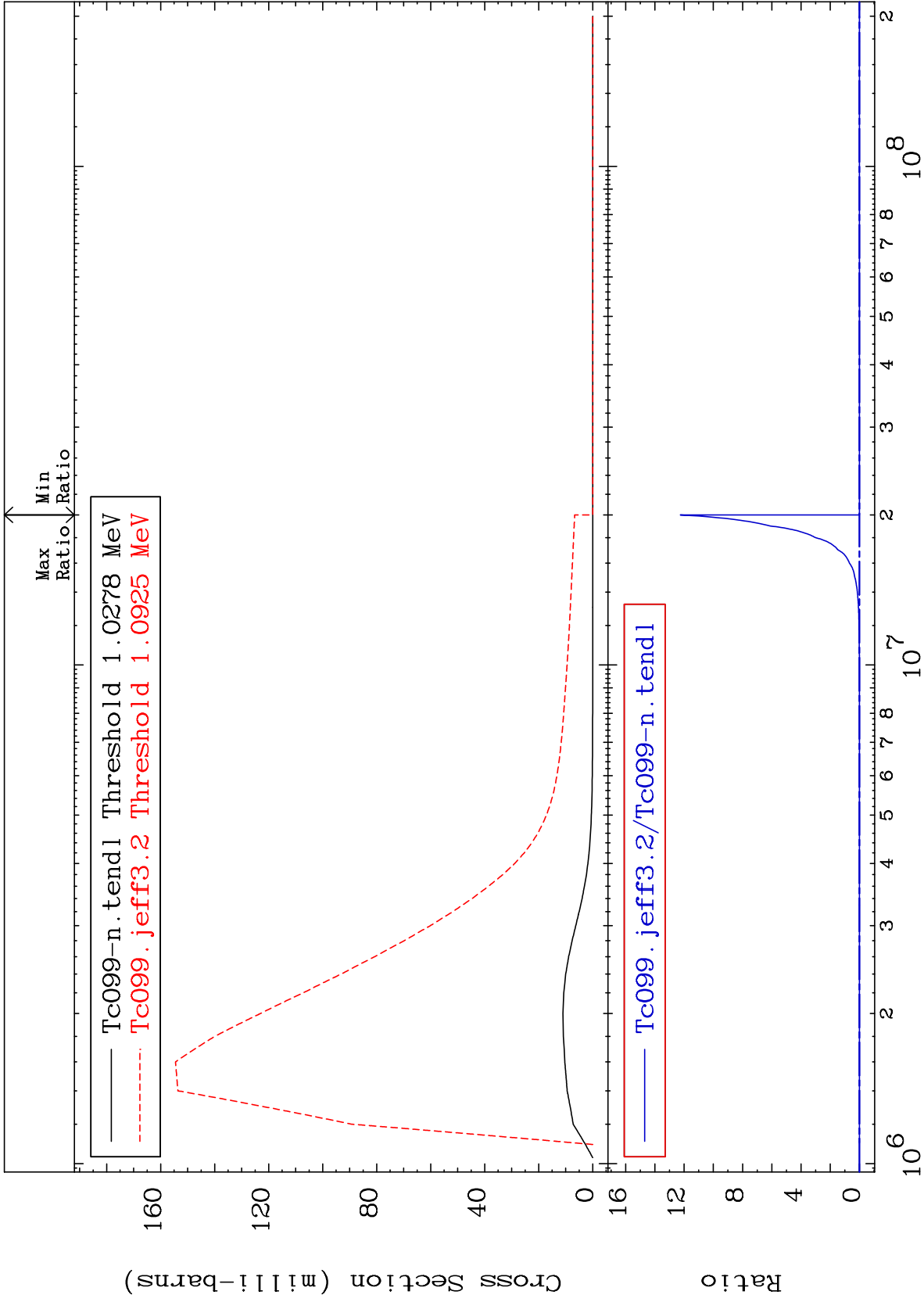
43-Tc-99
-100.0 To 9999. %



MAT 4325

1.017 MeV (n,n') Level
Cross Section

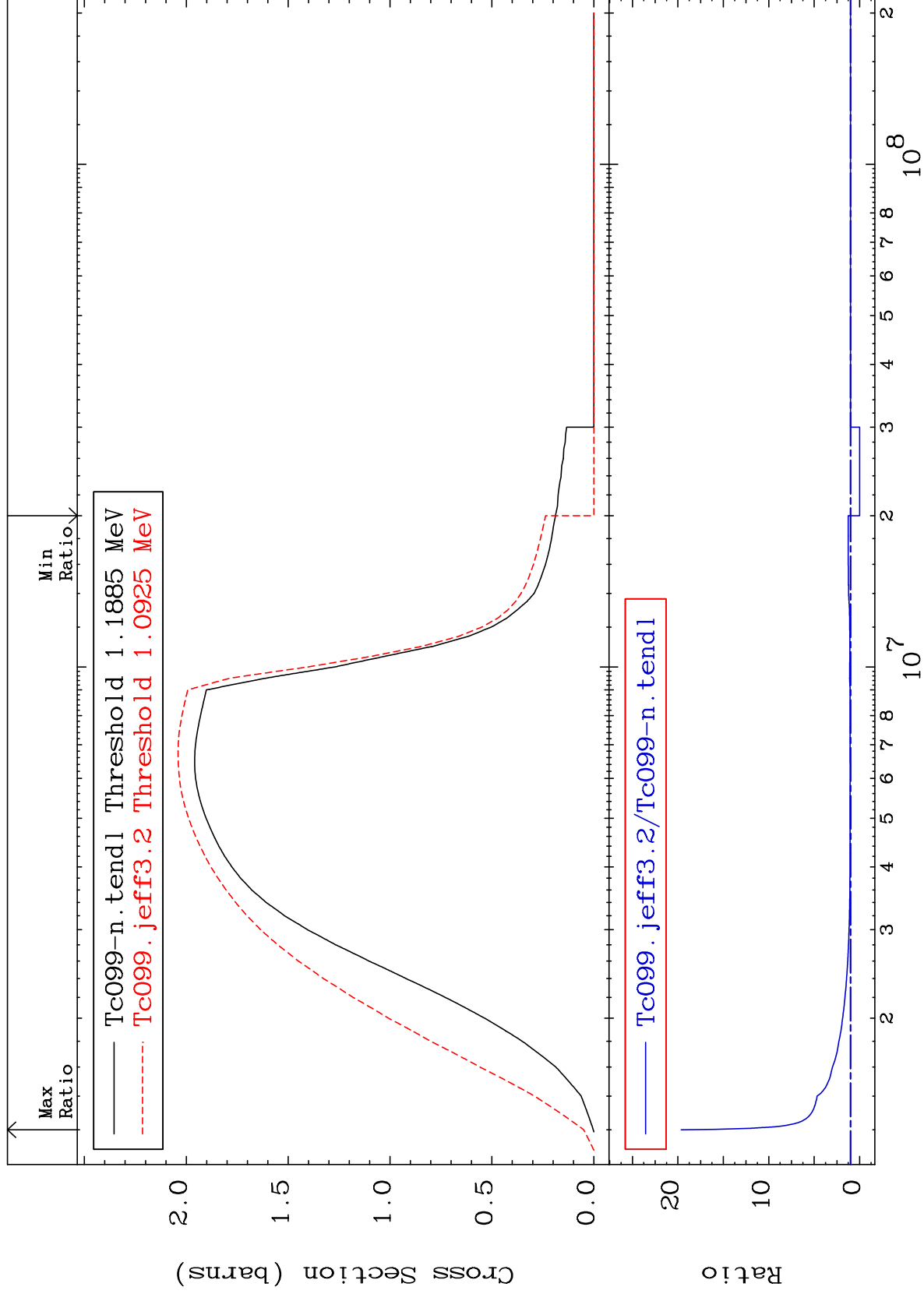
43-Tc-99
-100.0 To 9999. %



MAT 4325

(n, n') Continuum
Cross Section

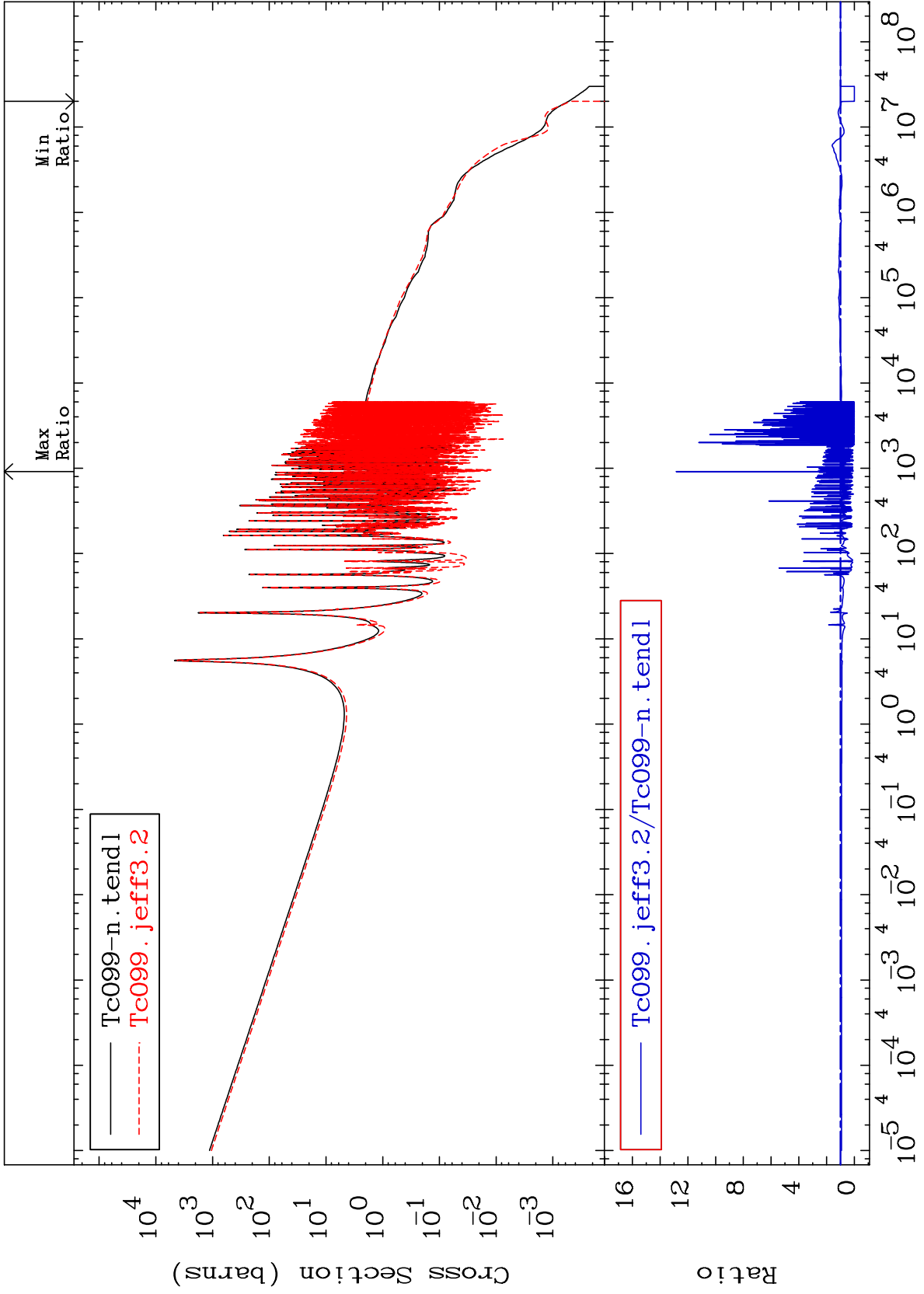
43-Tc-99
-100.0 To 1864. %



MAT 4325

(n, γ)
Cross Section

43-Tc-99
-100.0 To 1183. %



34

43-Tc-99

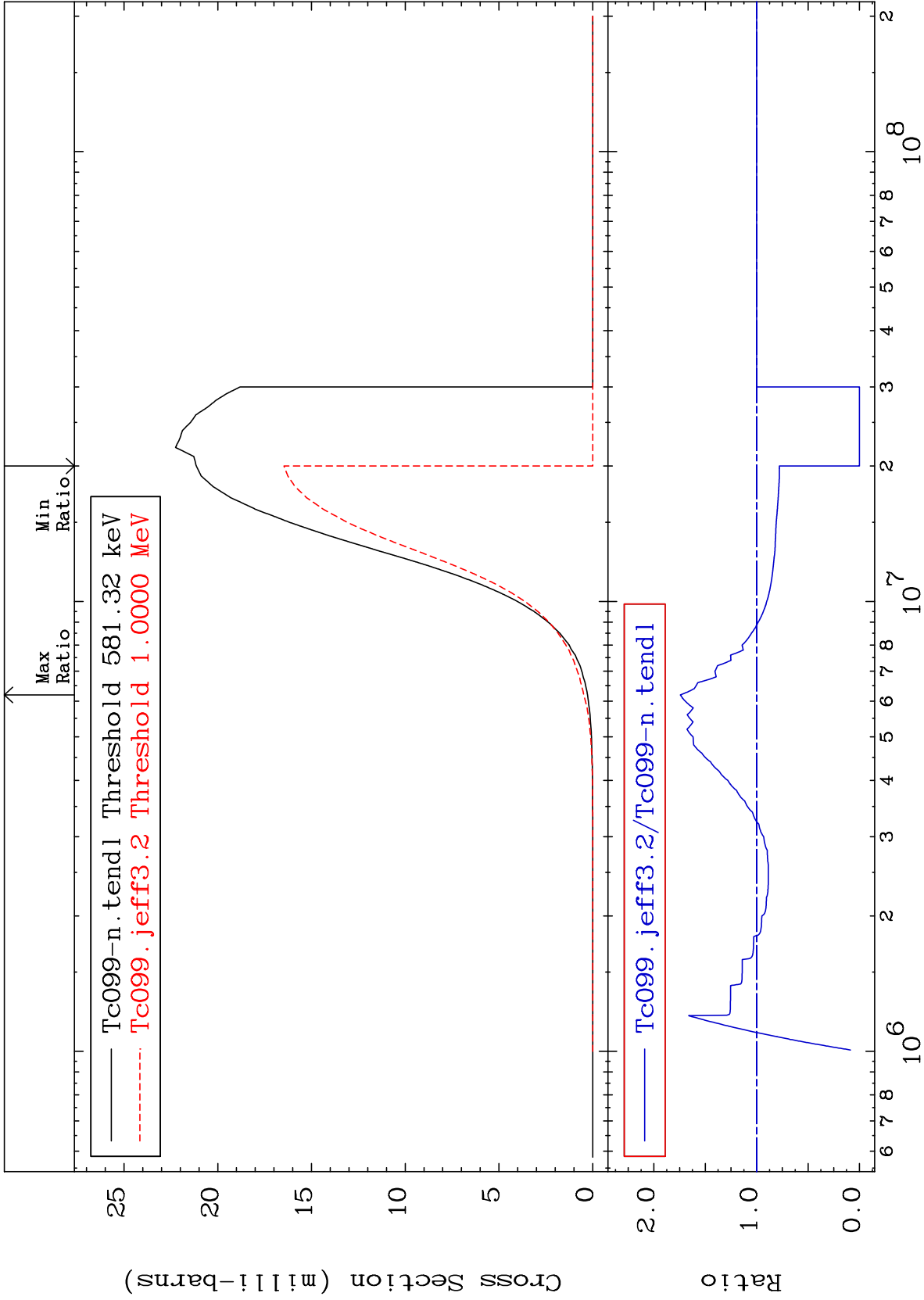
MAT 4325

(n,p)

⁴³Tc-99

-100.0 To 74.25 %

Cross Section



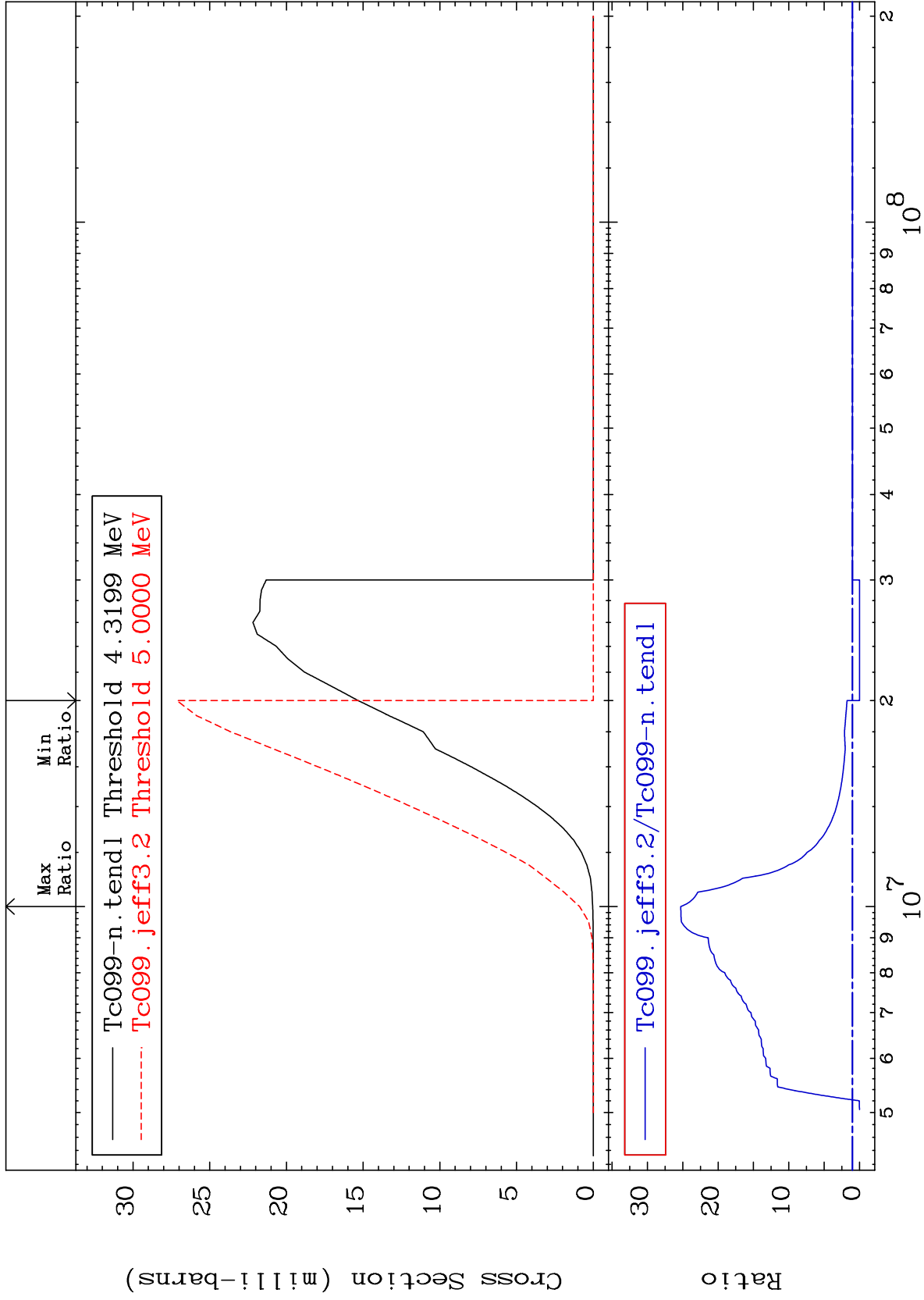
MAT 4325

(n, d)

⁴³Tc-99

Cross Section

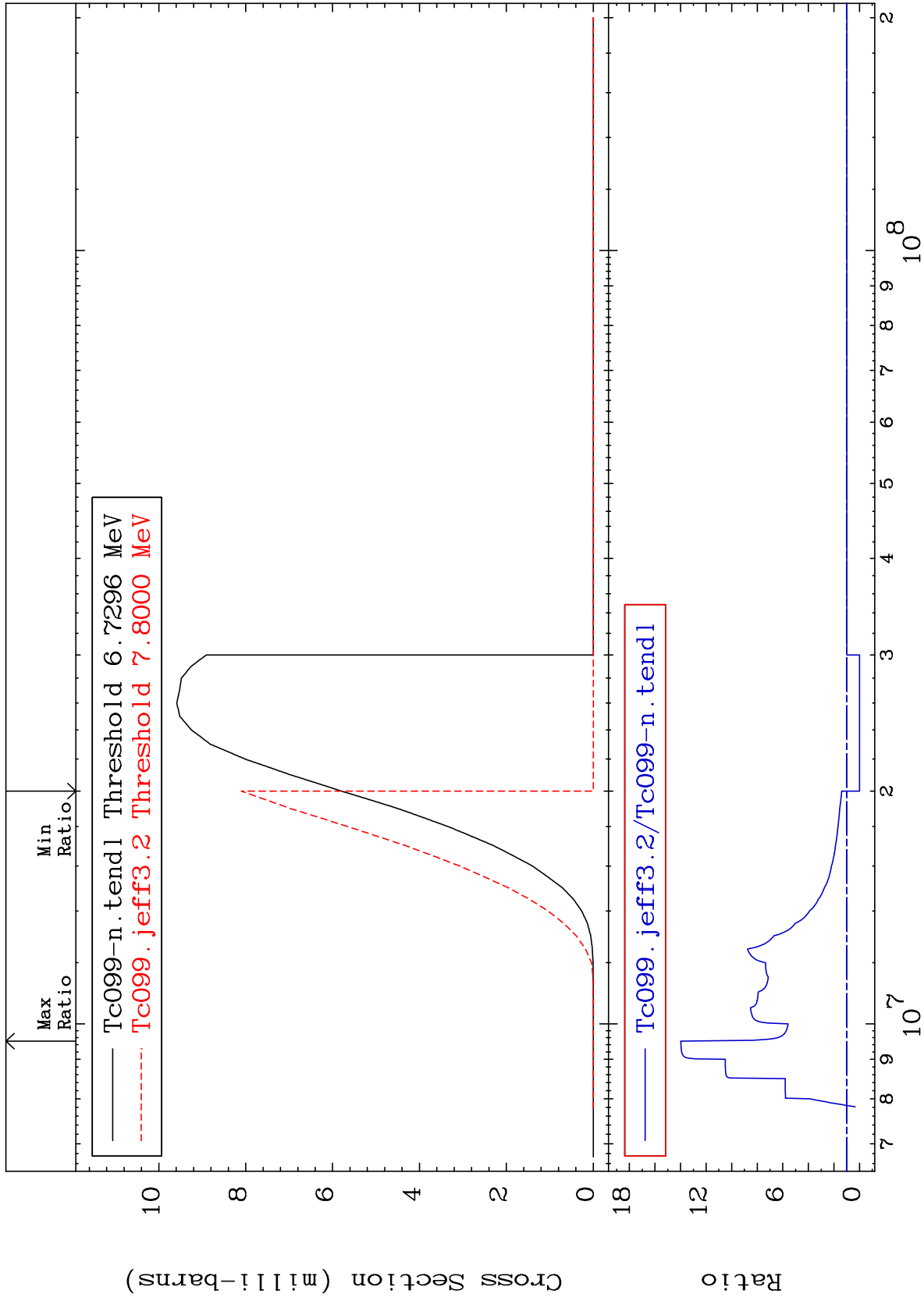
-100.0 To 2428. %



MAT 4325

(n, t)
Cross Section

43-Tc-99
-100.0 To 1298. %



37

43-Tc-99

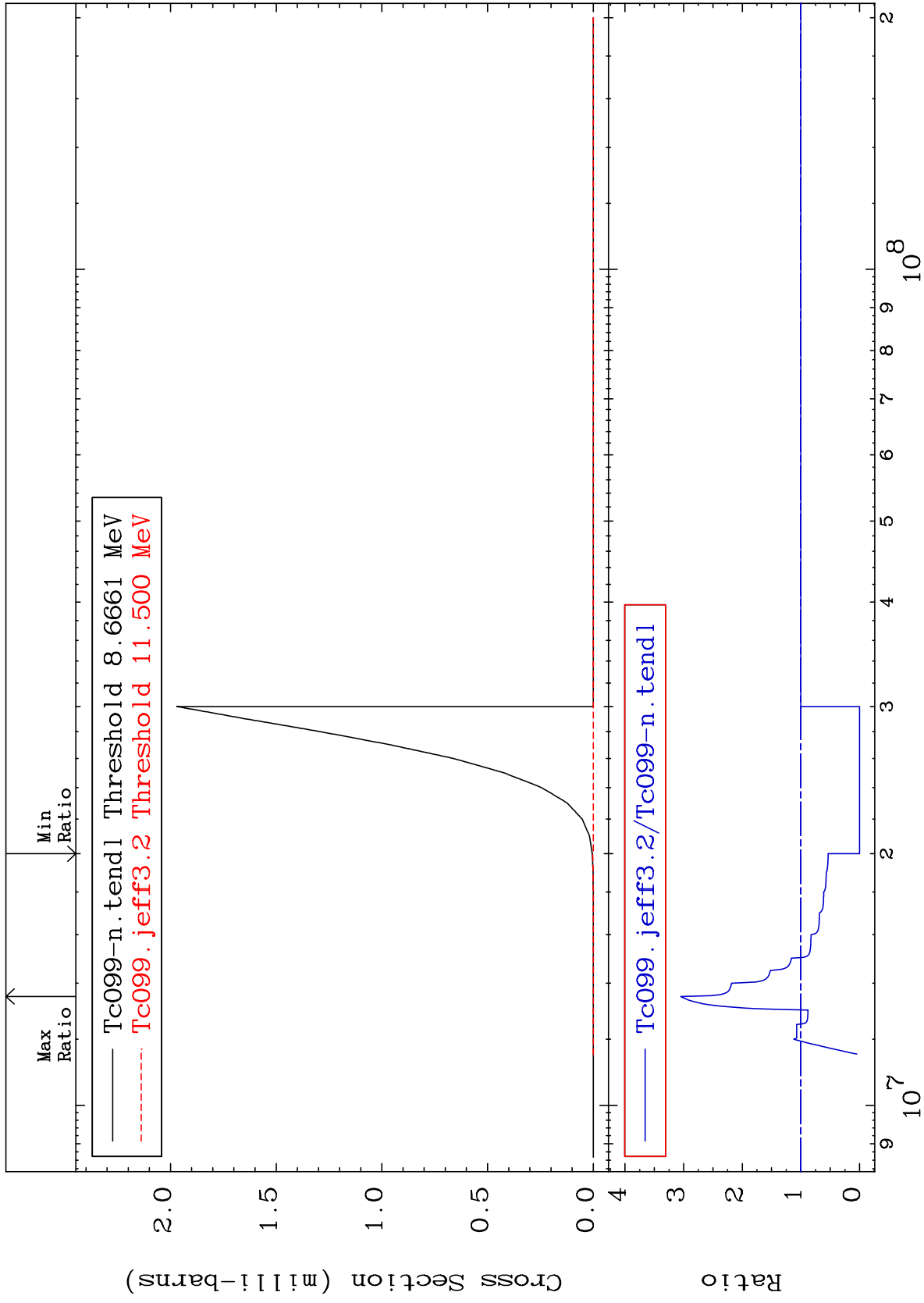
MAT 4325

(n, He-3)

⁴³Tc-99

Cross Section

-100.0 To 204.9 %



38

Incident Energy (eV)

⁴³Tc-99

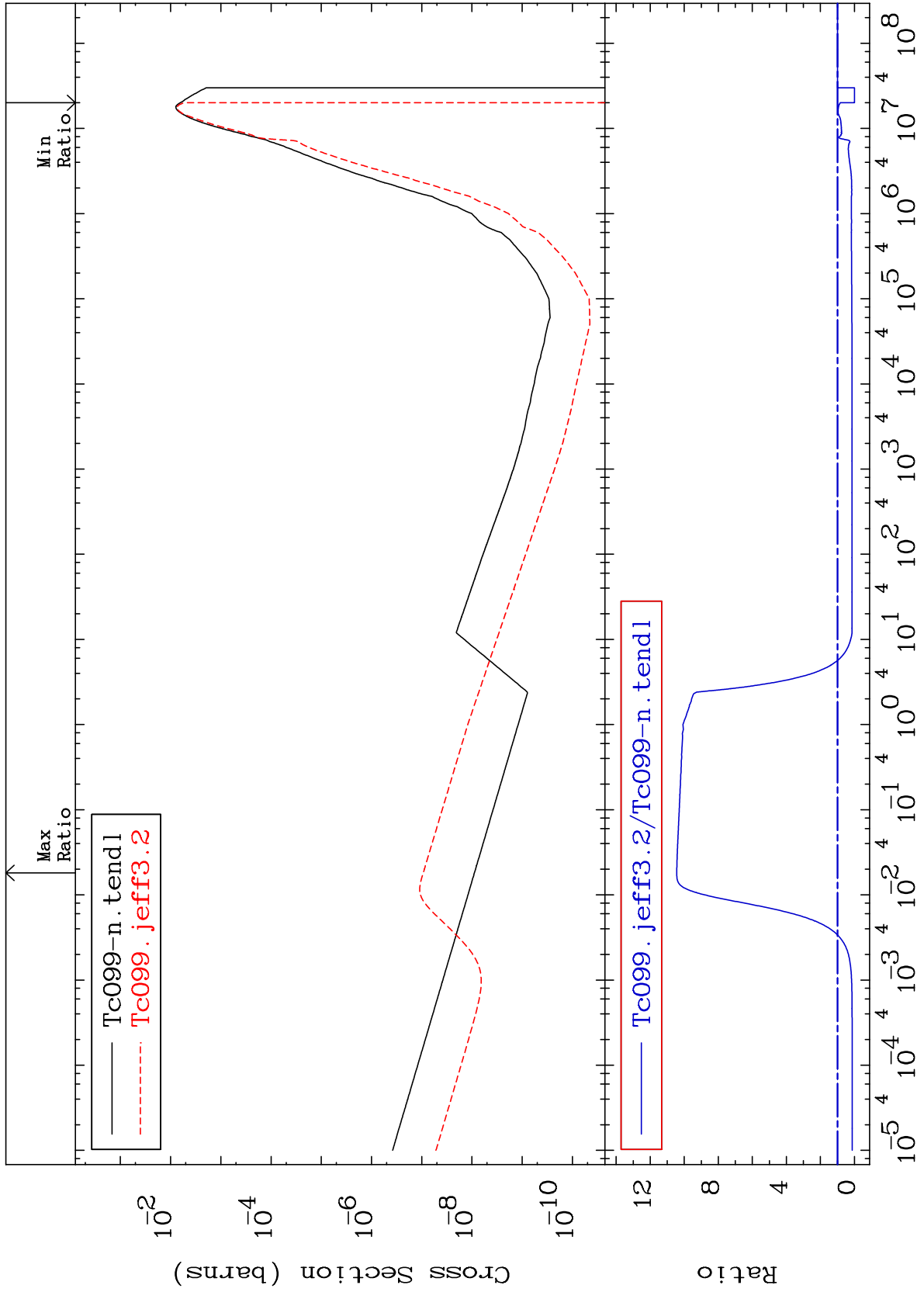
MAT 4325

(n, α)

43-Tc-99

Cross Section

-100.0 To 943.9 %



39

Incident Energy (eV)

43-Tc-99

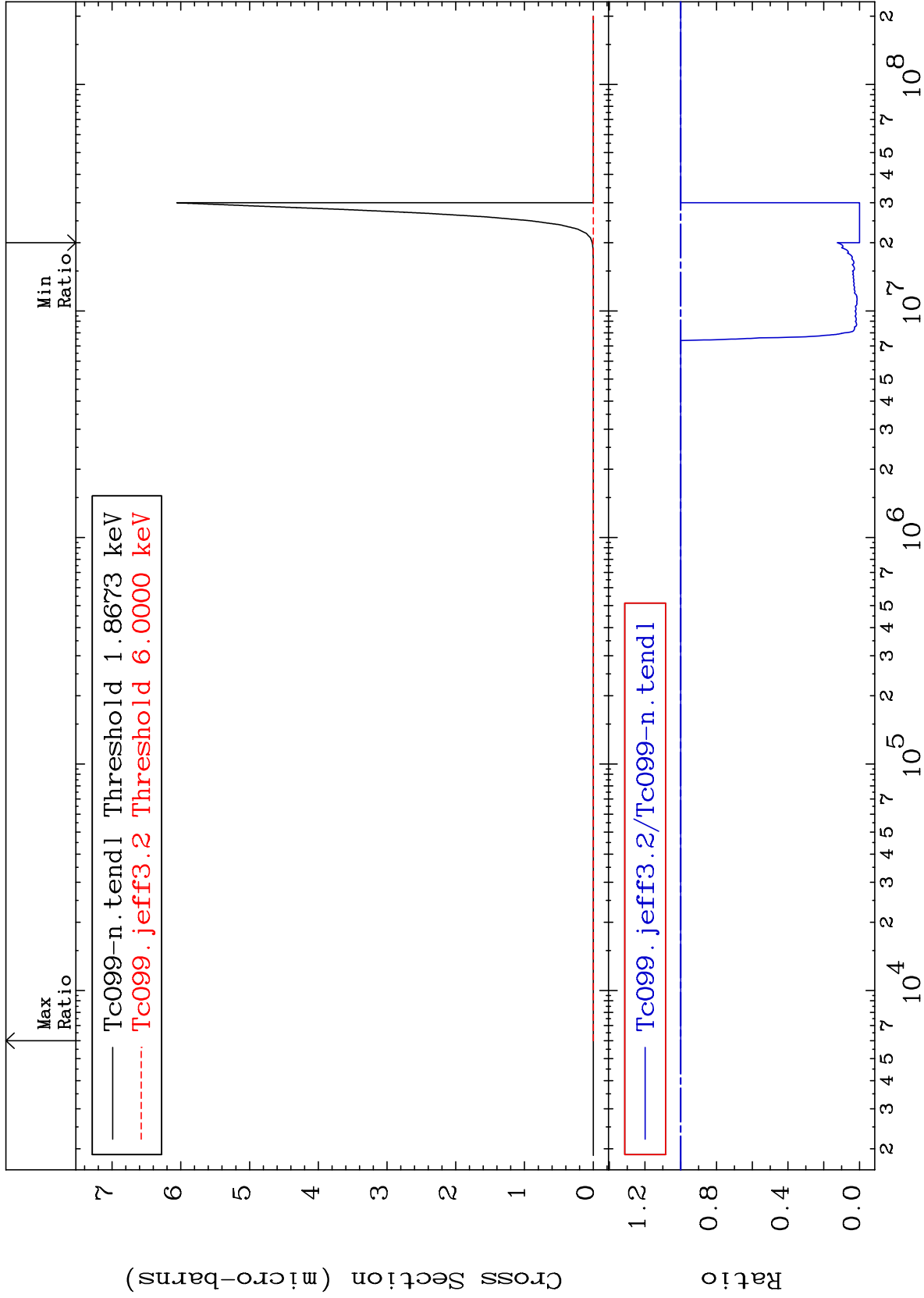
MAT 4325

(n,2α)

43-Tc-99

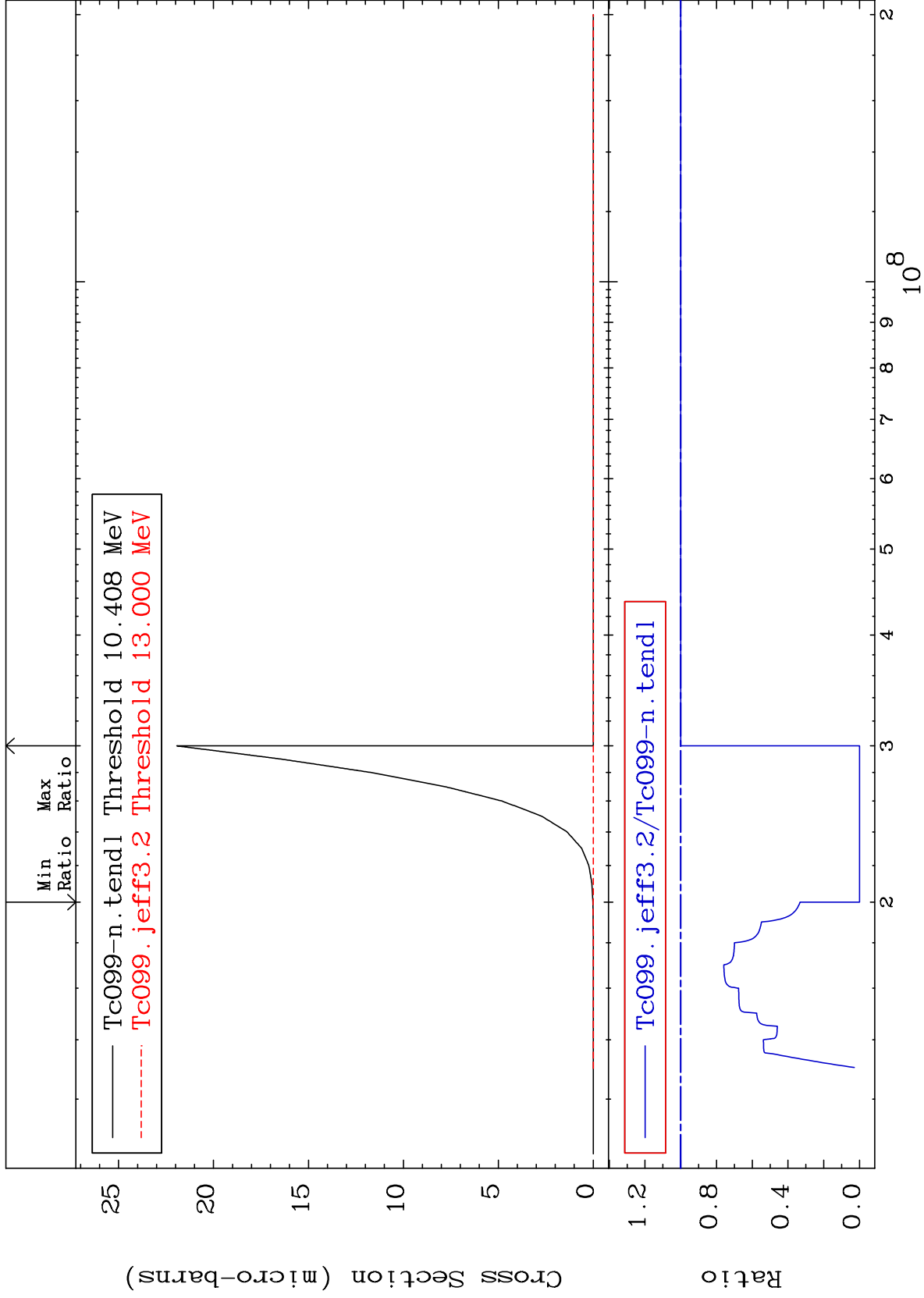
Cross Section

-100.0 To 0.000 %



Cross Section

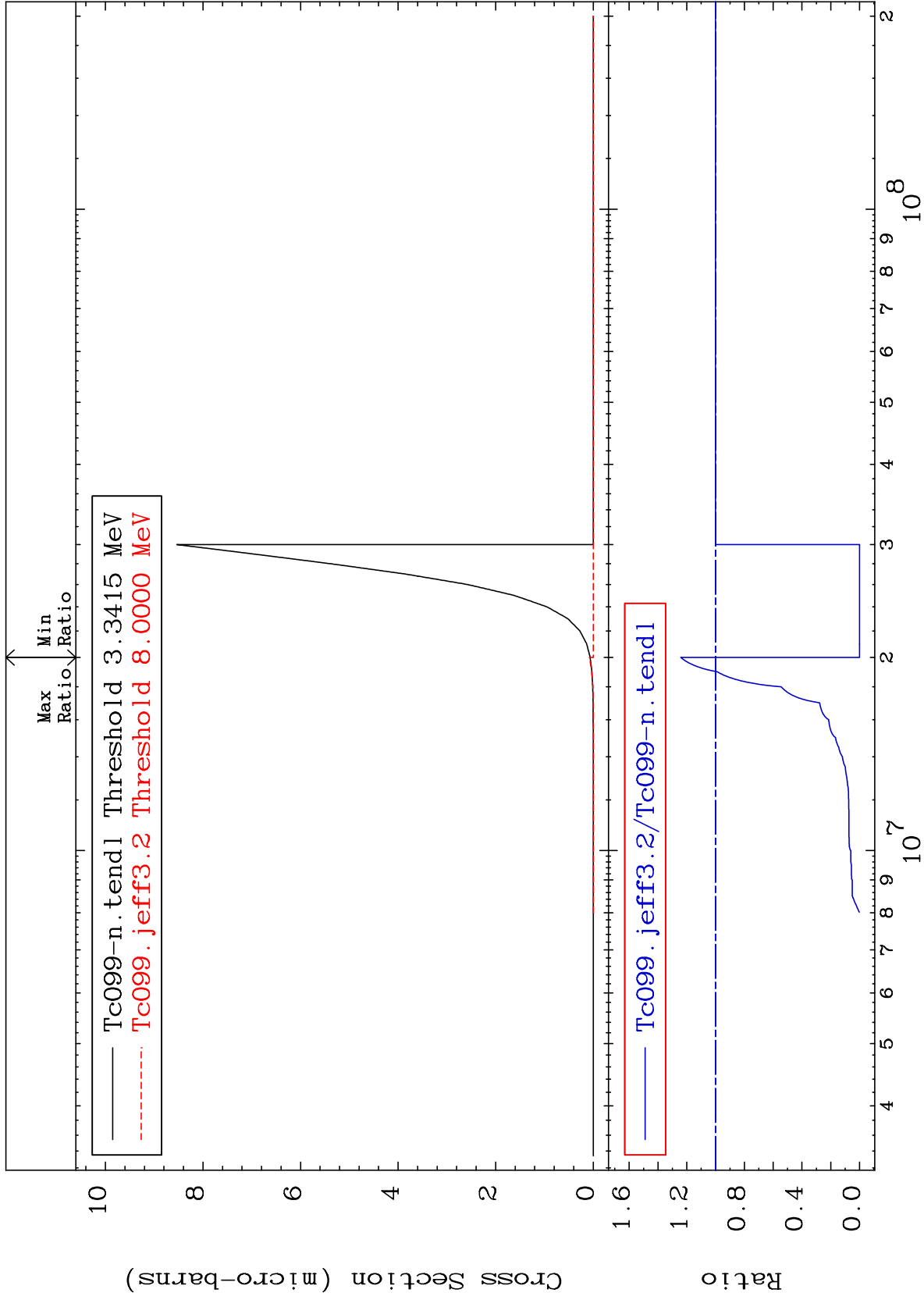
-100.0 To 0.000 %



MAT 4325

(n, p) α
Cross Section

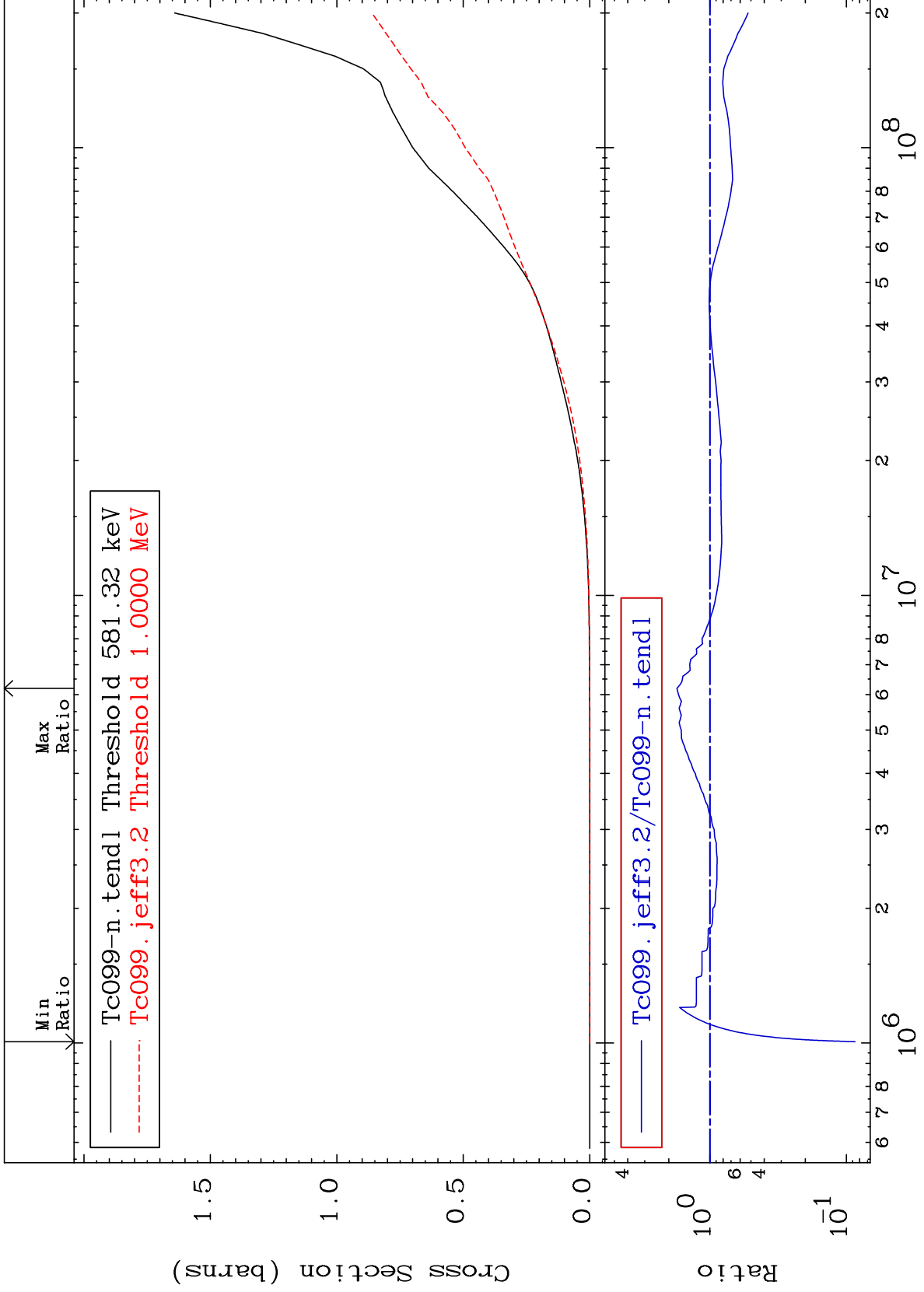
43-Tc-99
-100.0 To 24.17 %



MAT 4325

Hydrogen Production
Cross Section

43-Tc-99
-91.37 To 74.30 %



43

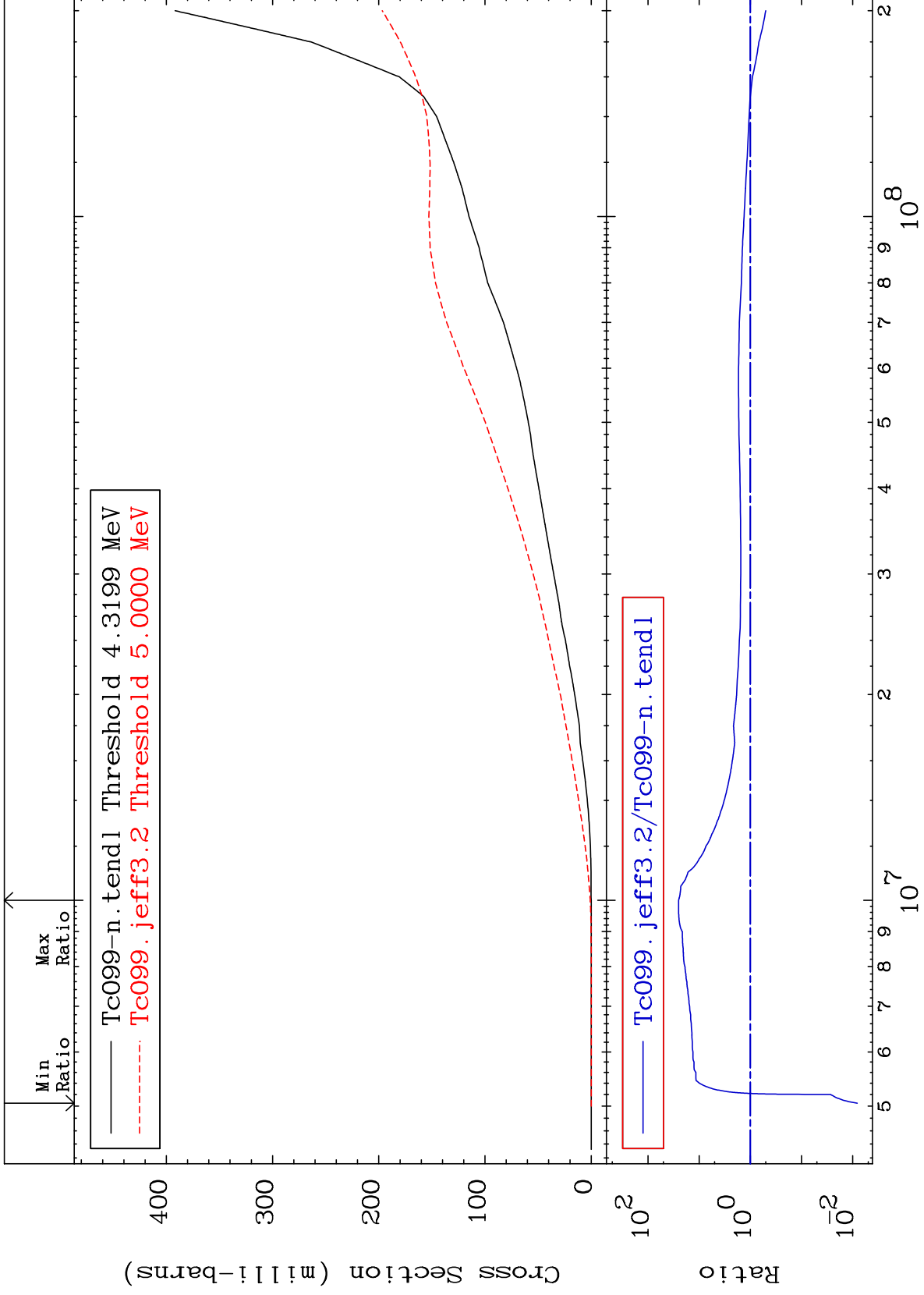
Incident Energy (eV)

43-Tc-99

MAT 4325

Deuterium Production
Cross Section

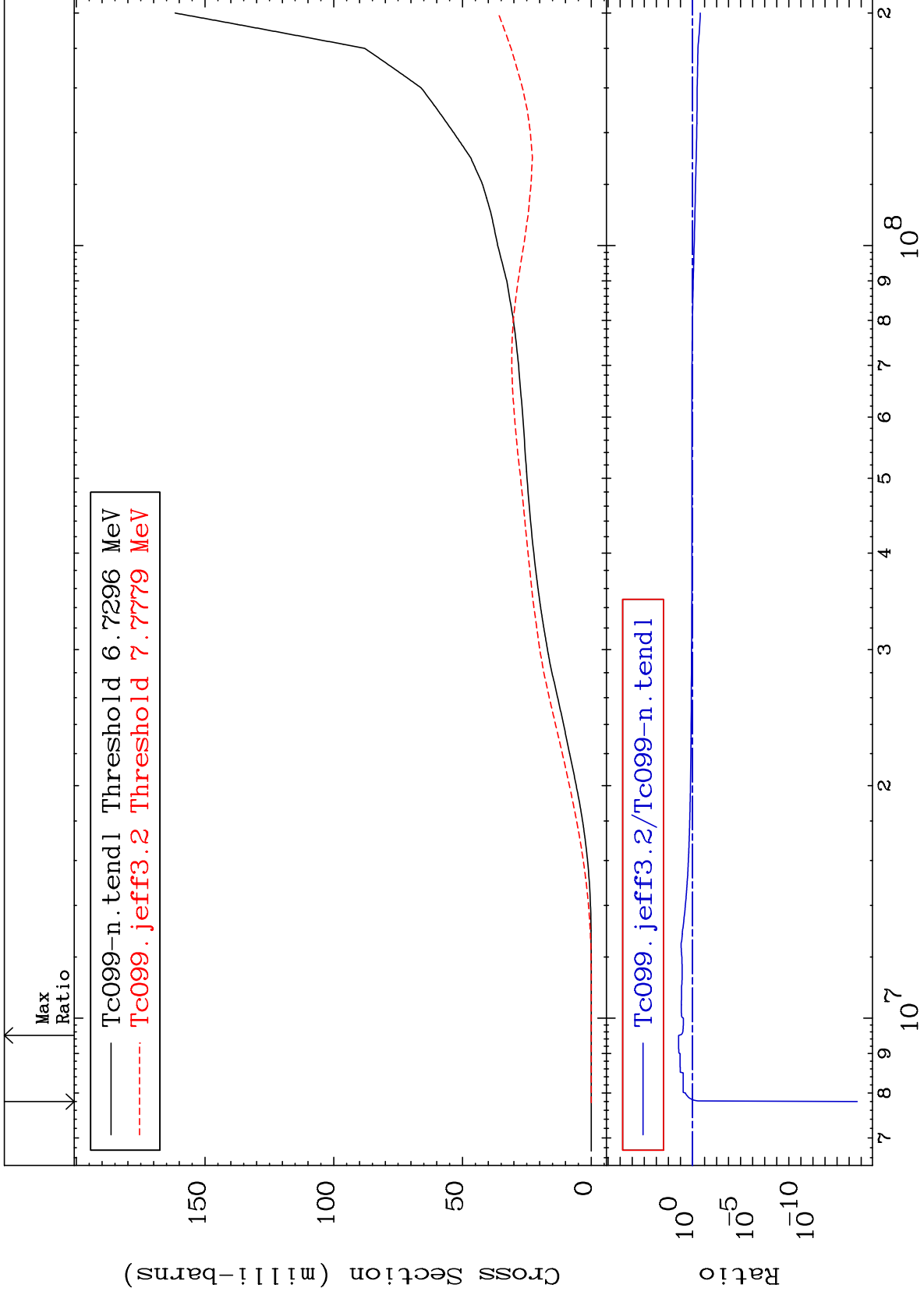
43-Tc-99
-99.18 To 2428. %



MAT 4325

Tritium Production
Cross Section

$^{43}\text{Tc-99}$
-100.0 To 1298. %



45

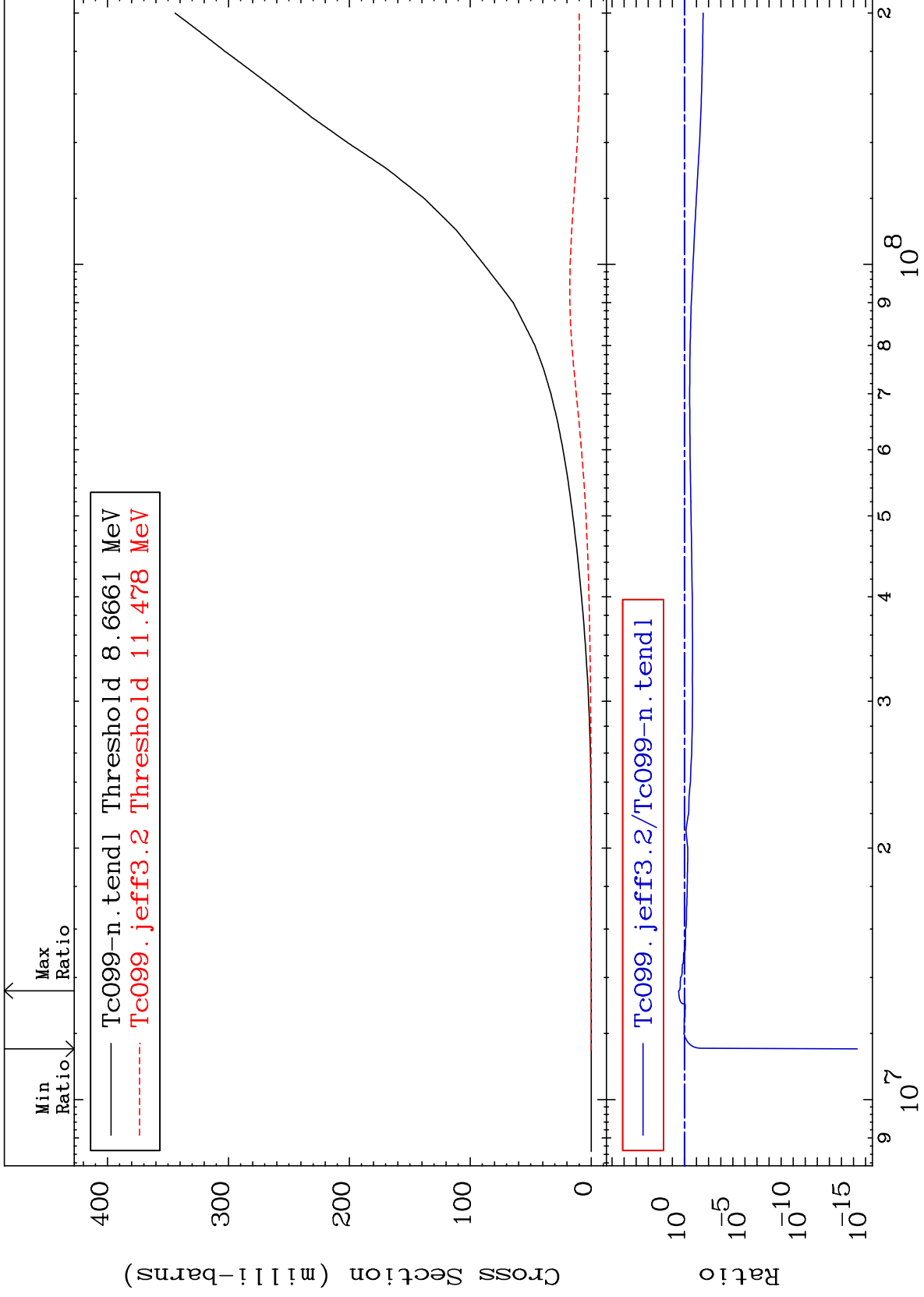
Incident Energy (eV)

$^{43}\text{Tc-99}$

MAT 4325

He-3 Production
Cross Section

43-Tc-99
-100.0 To 204.9 %



46

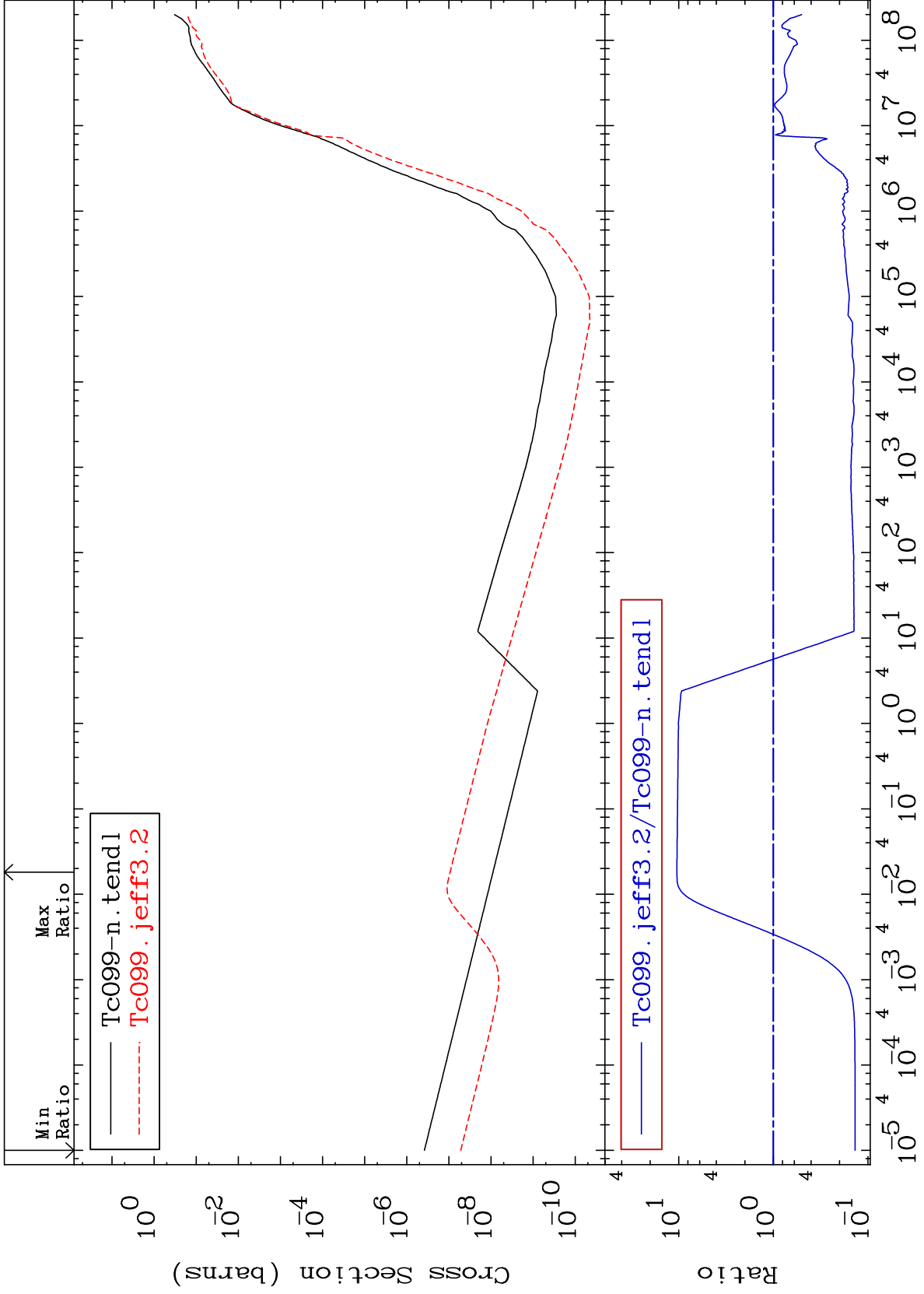
Incident Energy (eV)

43-Tc-99

MAT 4325

He-4 Production
Cross Section

43-Tc-99
-86.31 To 943.9 %

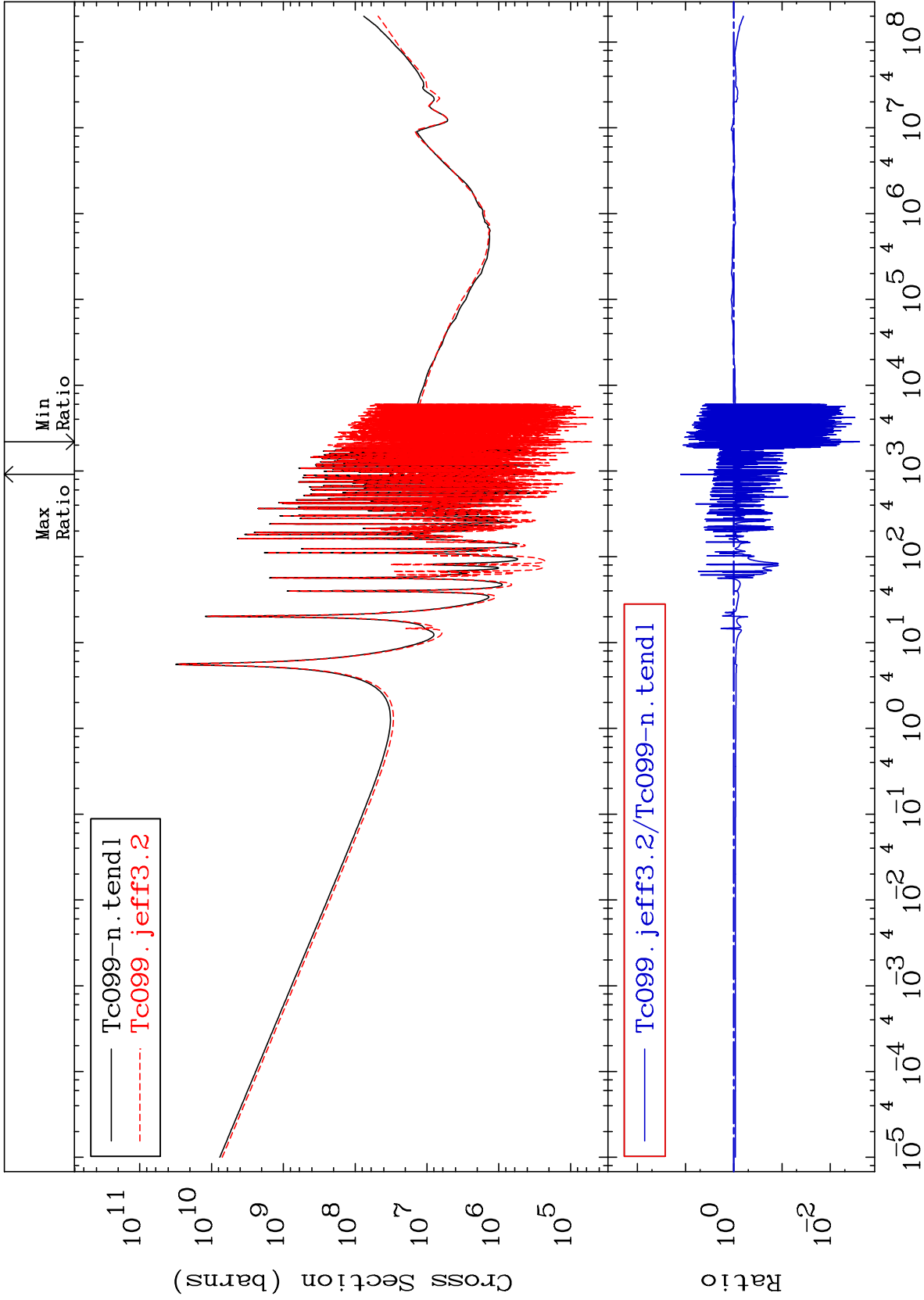


47

43-Tc-99

Cross Section

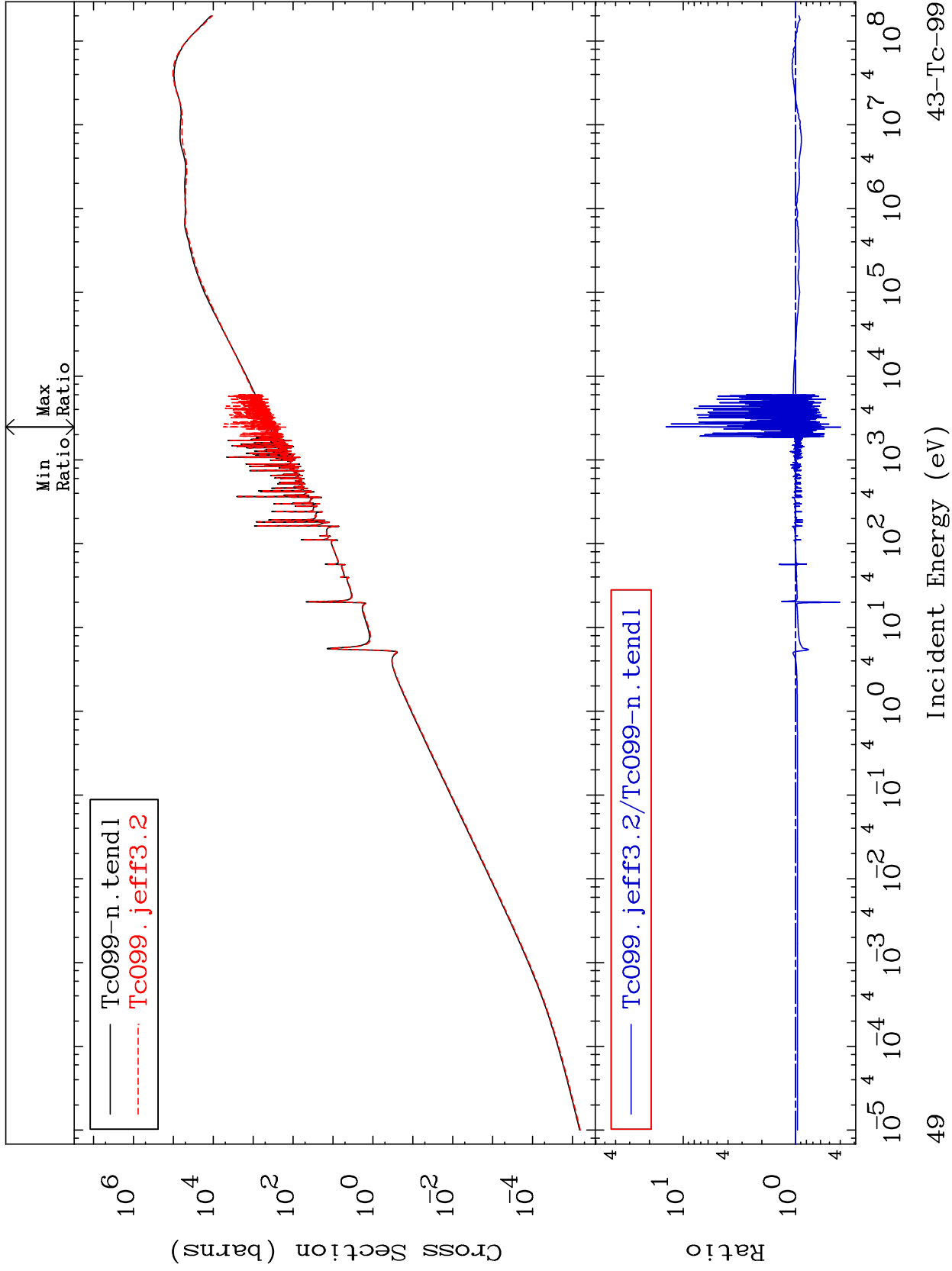
-99.75 To 1183. %



MAT 4325

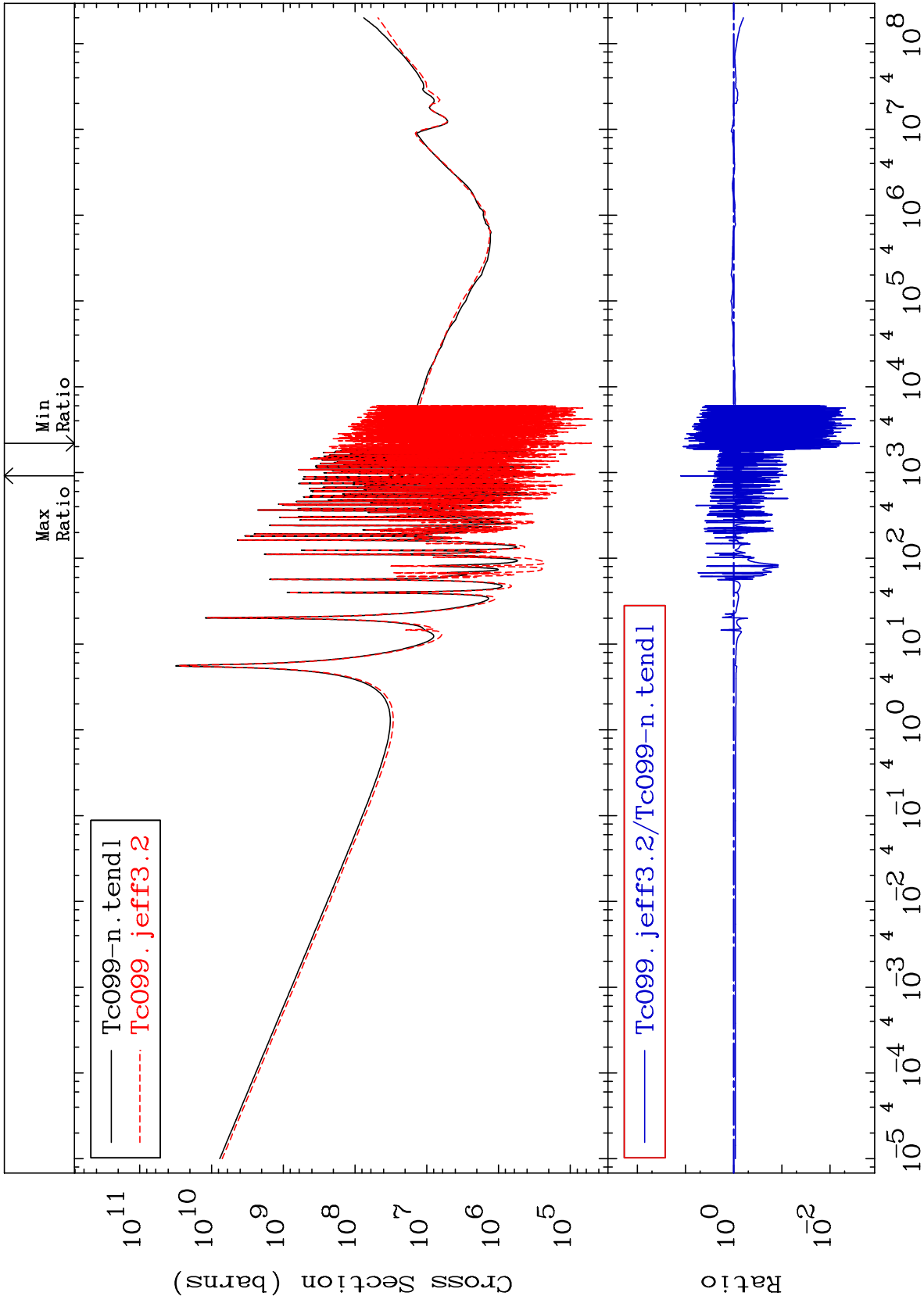
Kerma elastic
Cross Section

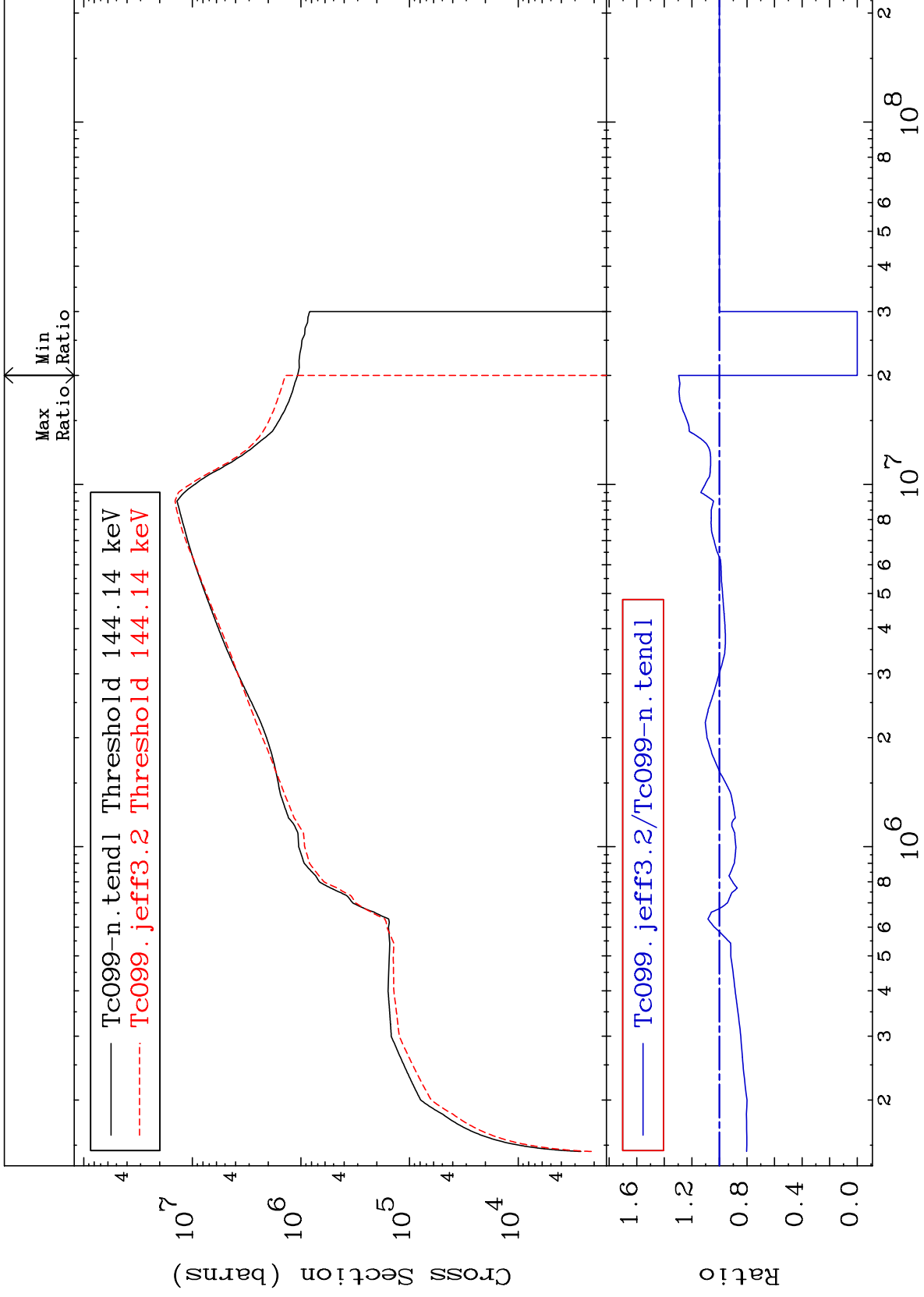
43-Tc-99
-60.49 To 1326. %



49

43-Tc-99

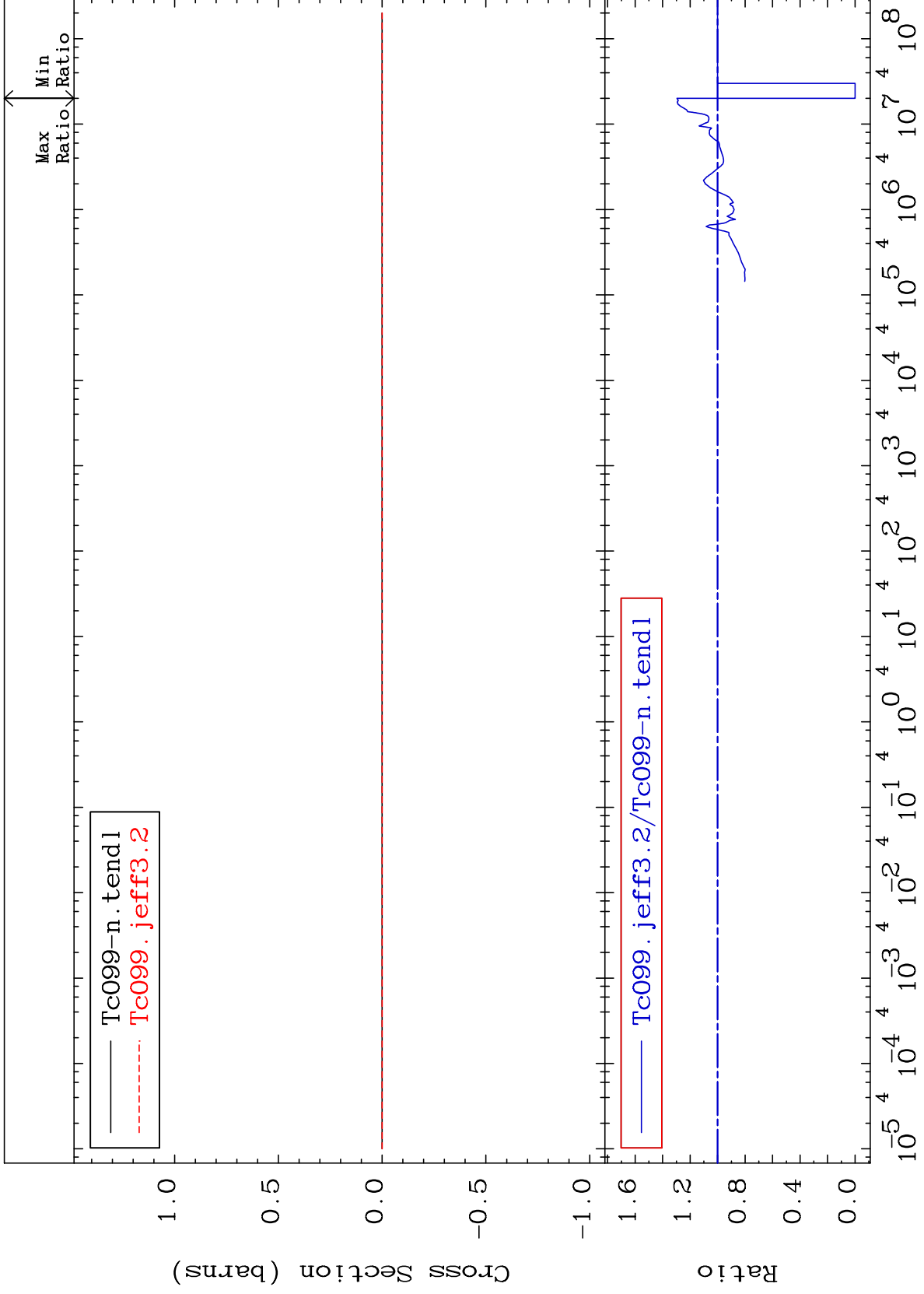




MAT 4325

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

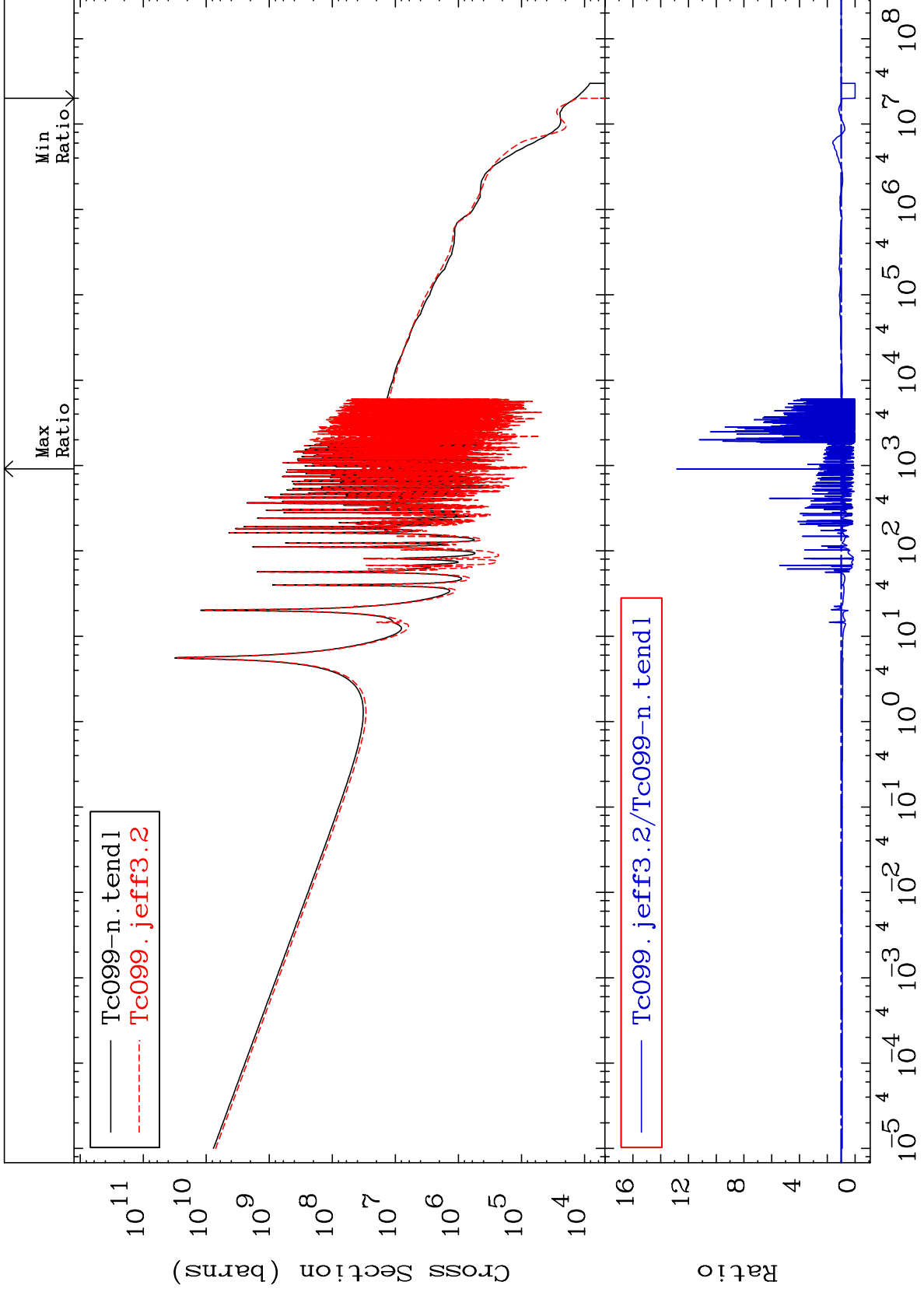
43-Tc-99
-100.0 To 29.61 %

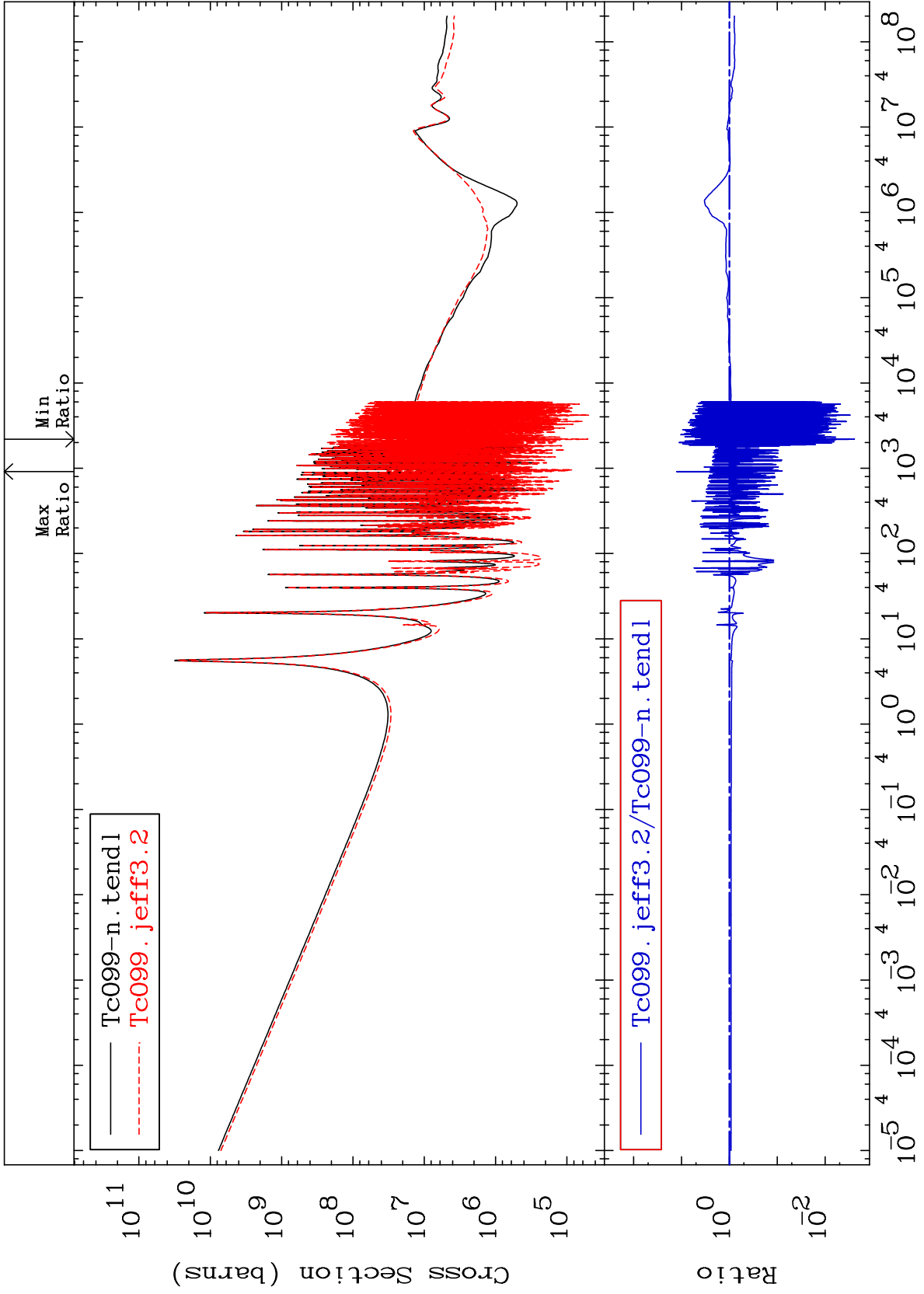


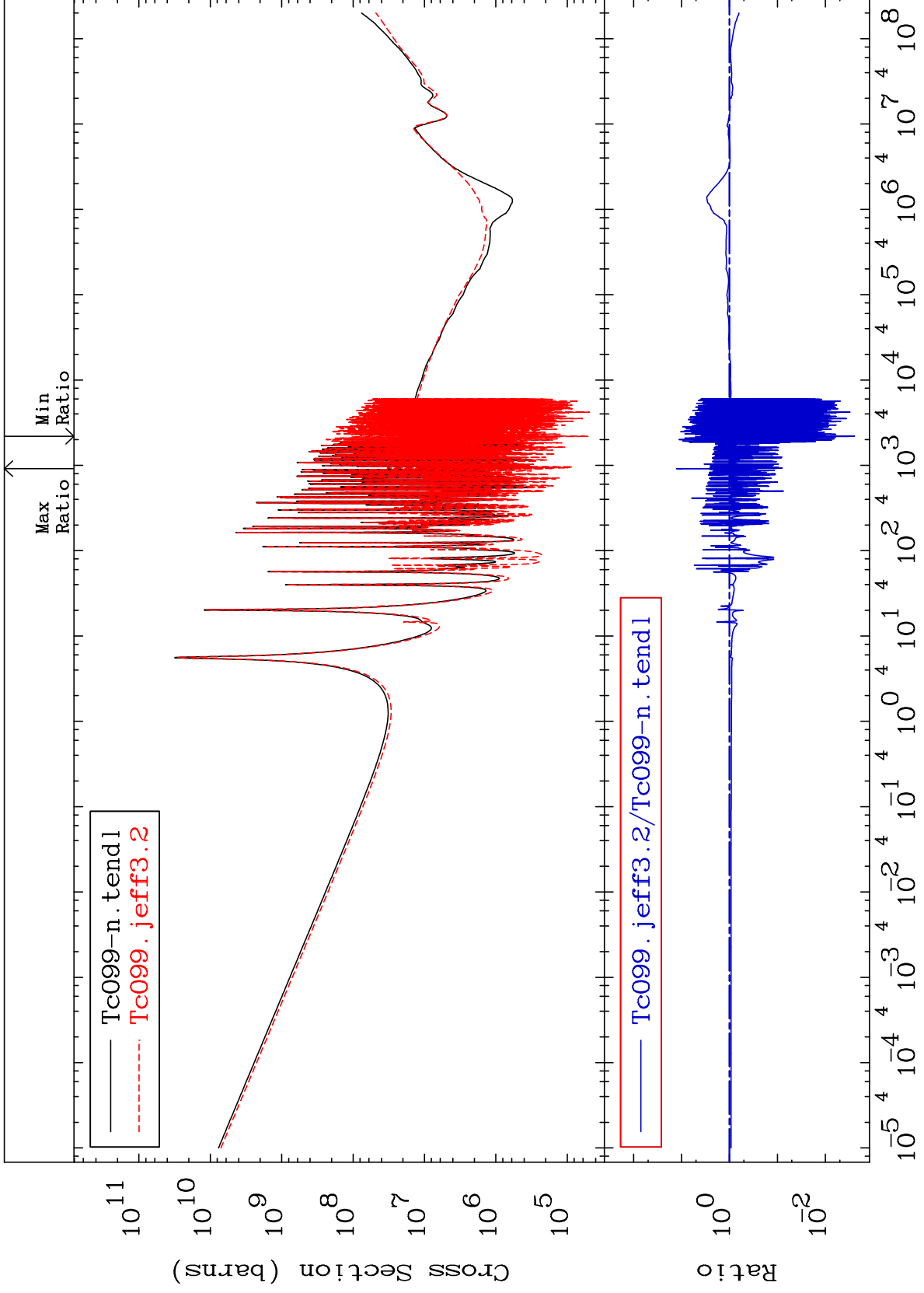
MAT 4325

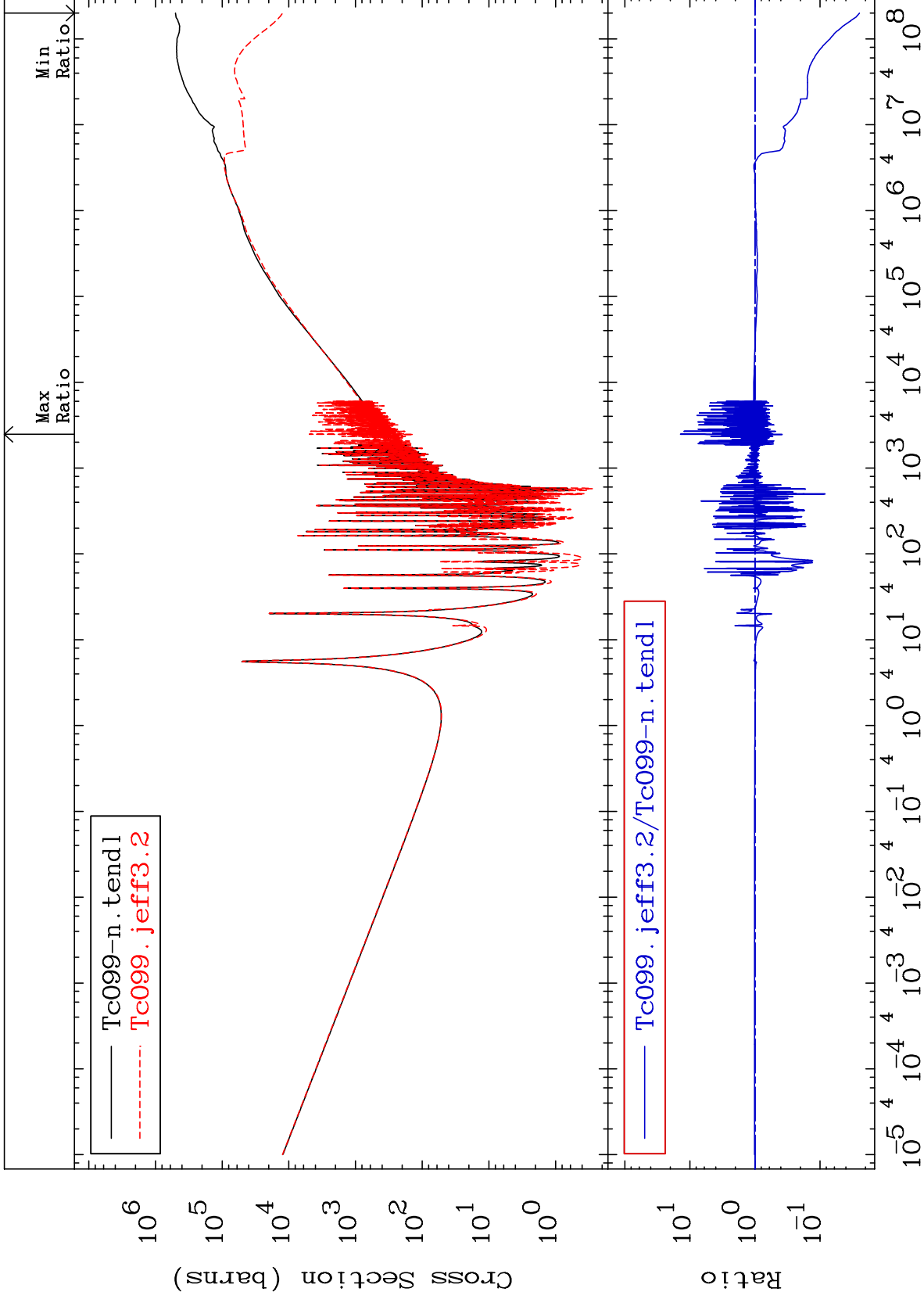
Kerma capture (mt102)
Cross Section

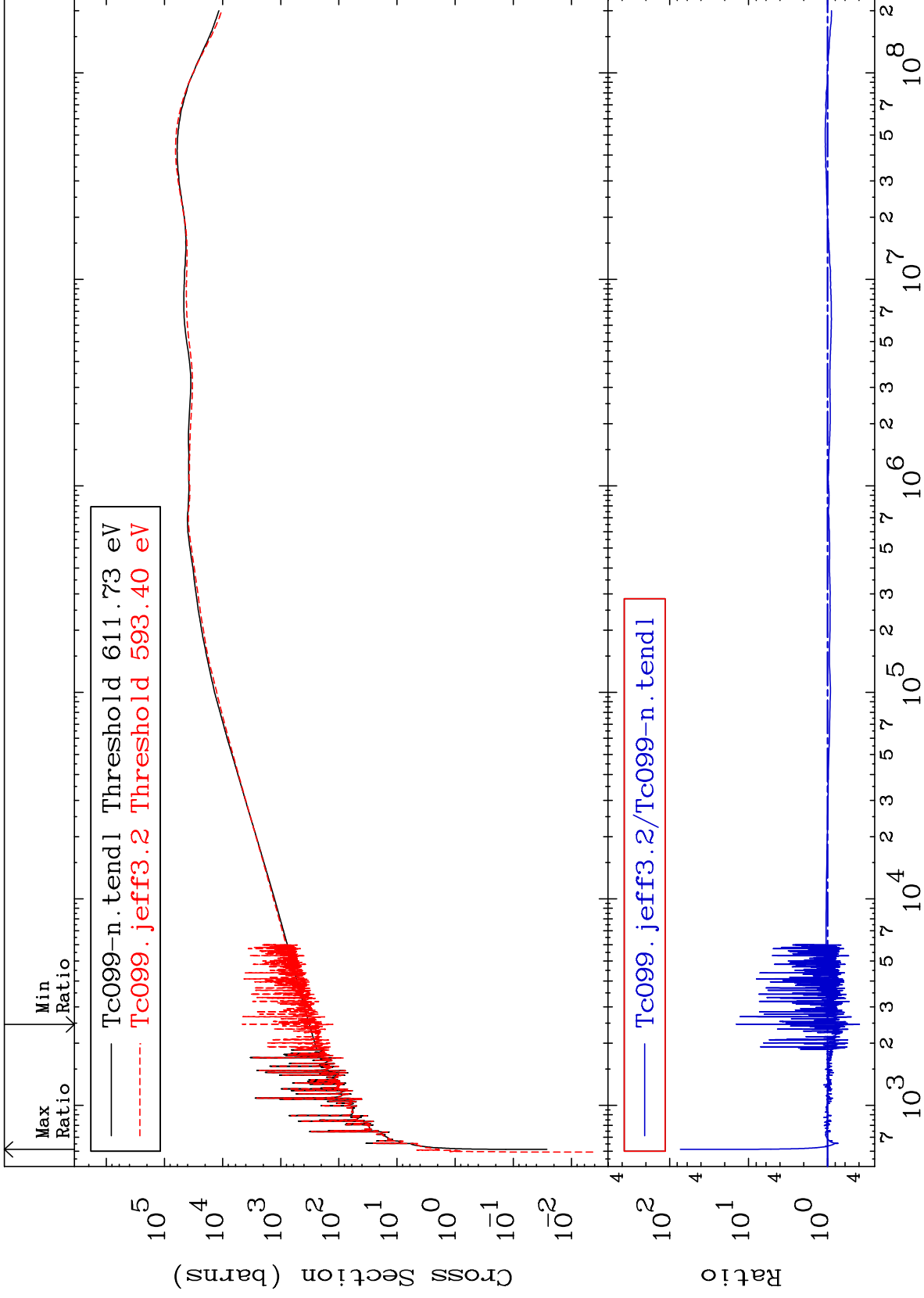
43-Tc-99
-100.0 To 1183. %

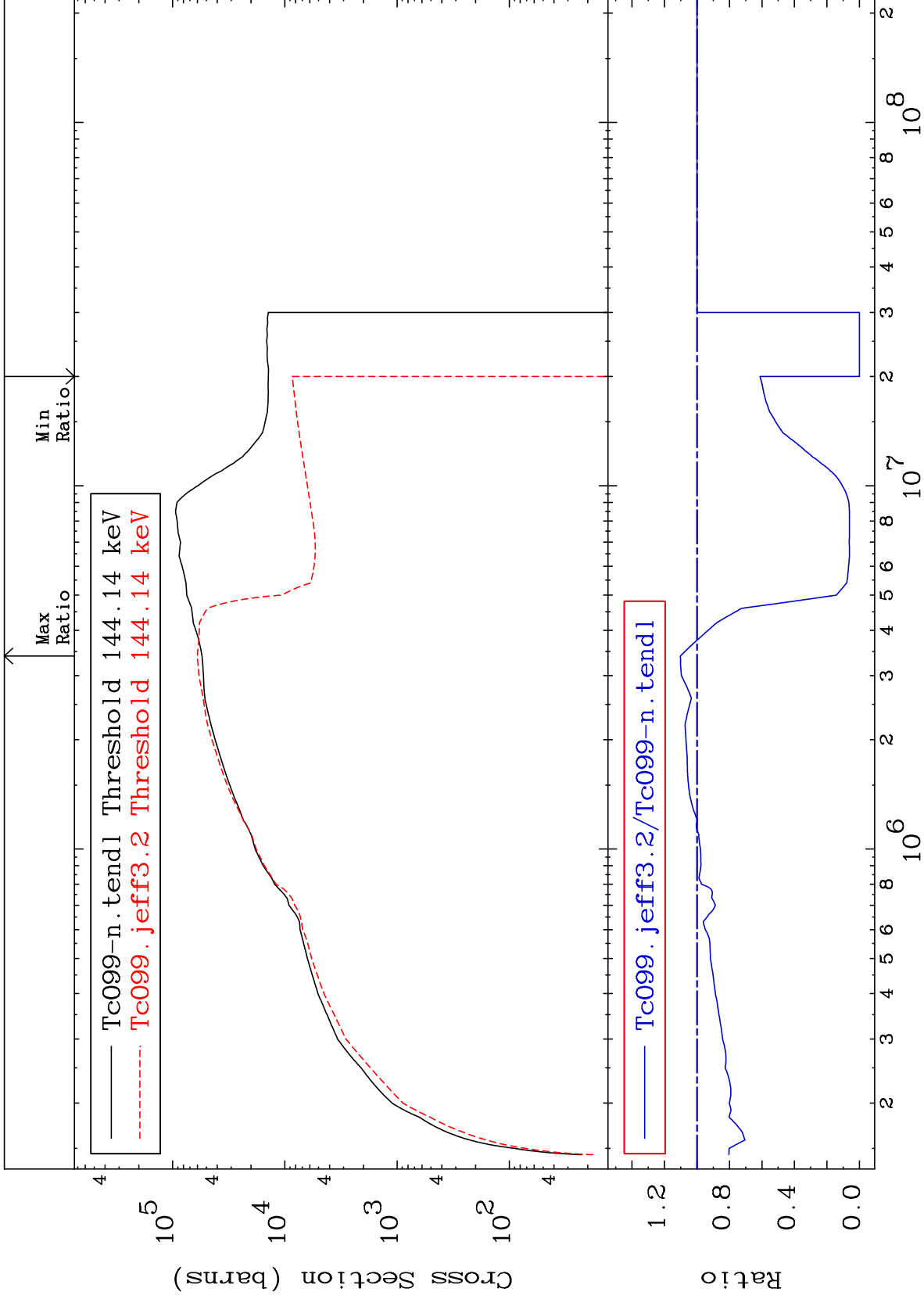


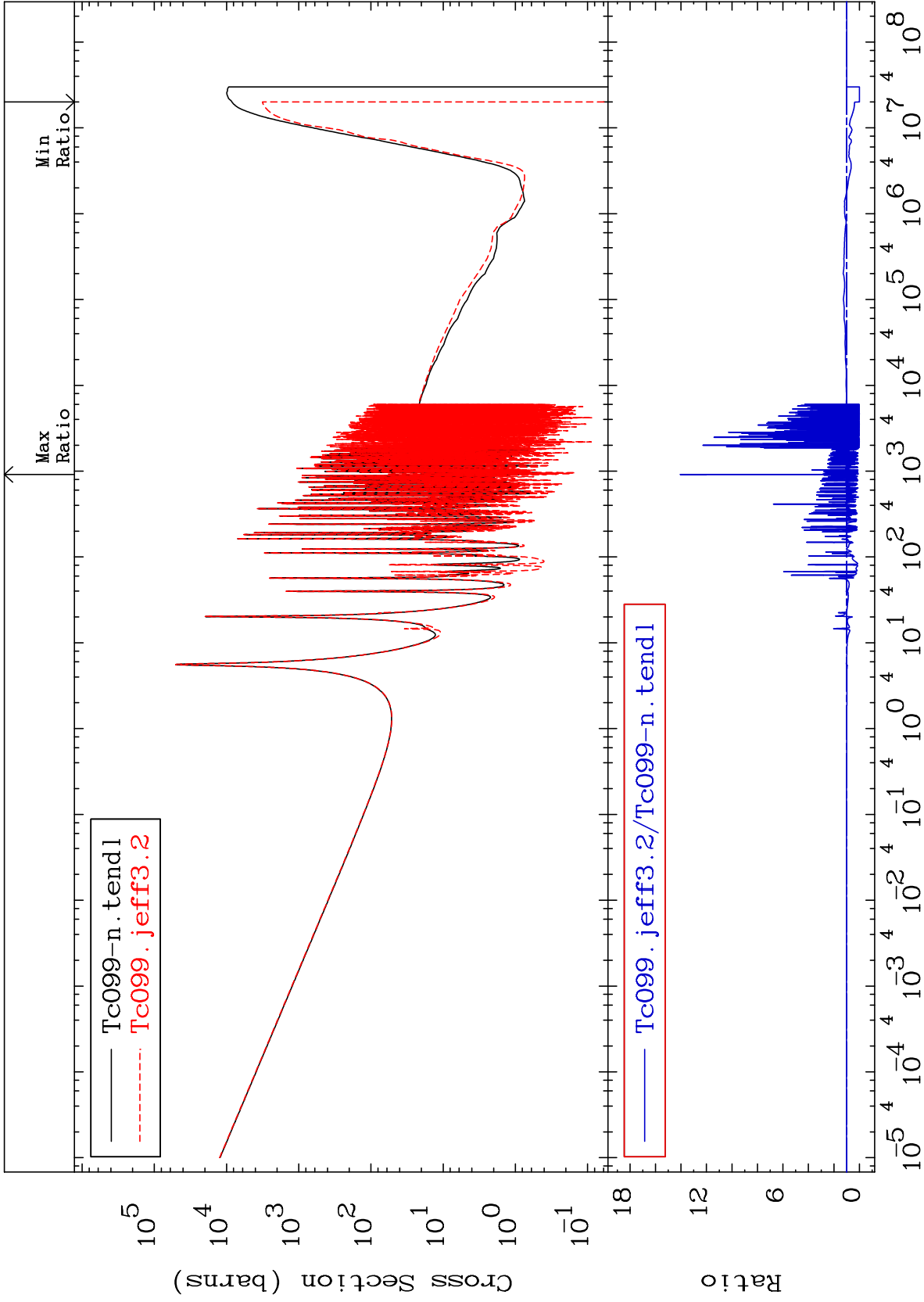










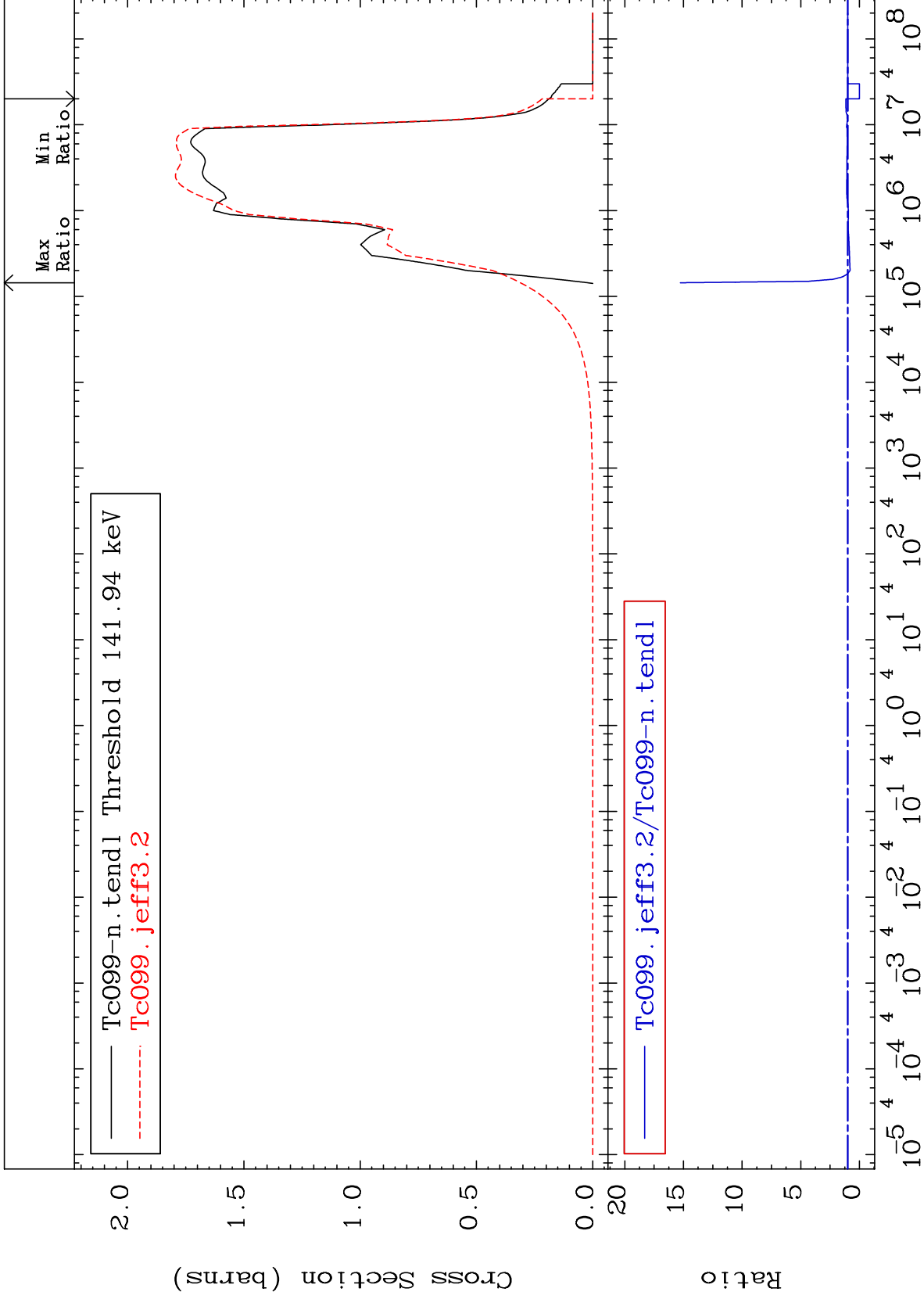


MAT 4325

Inelastic: 43-Tc-99g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 1426. %



60

Incident Energy (eV)

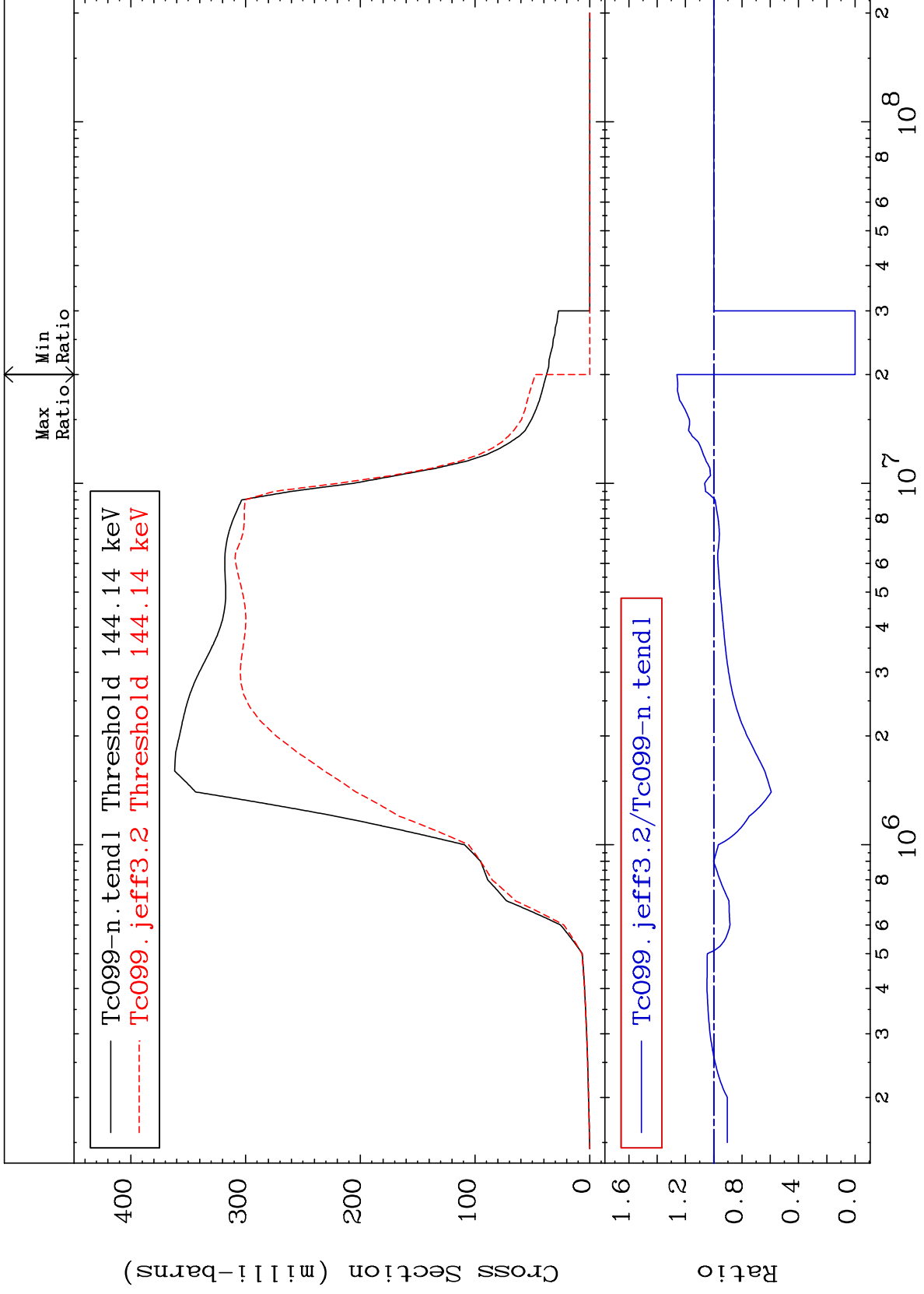
43-Tc-99

MAT 4325

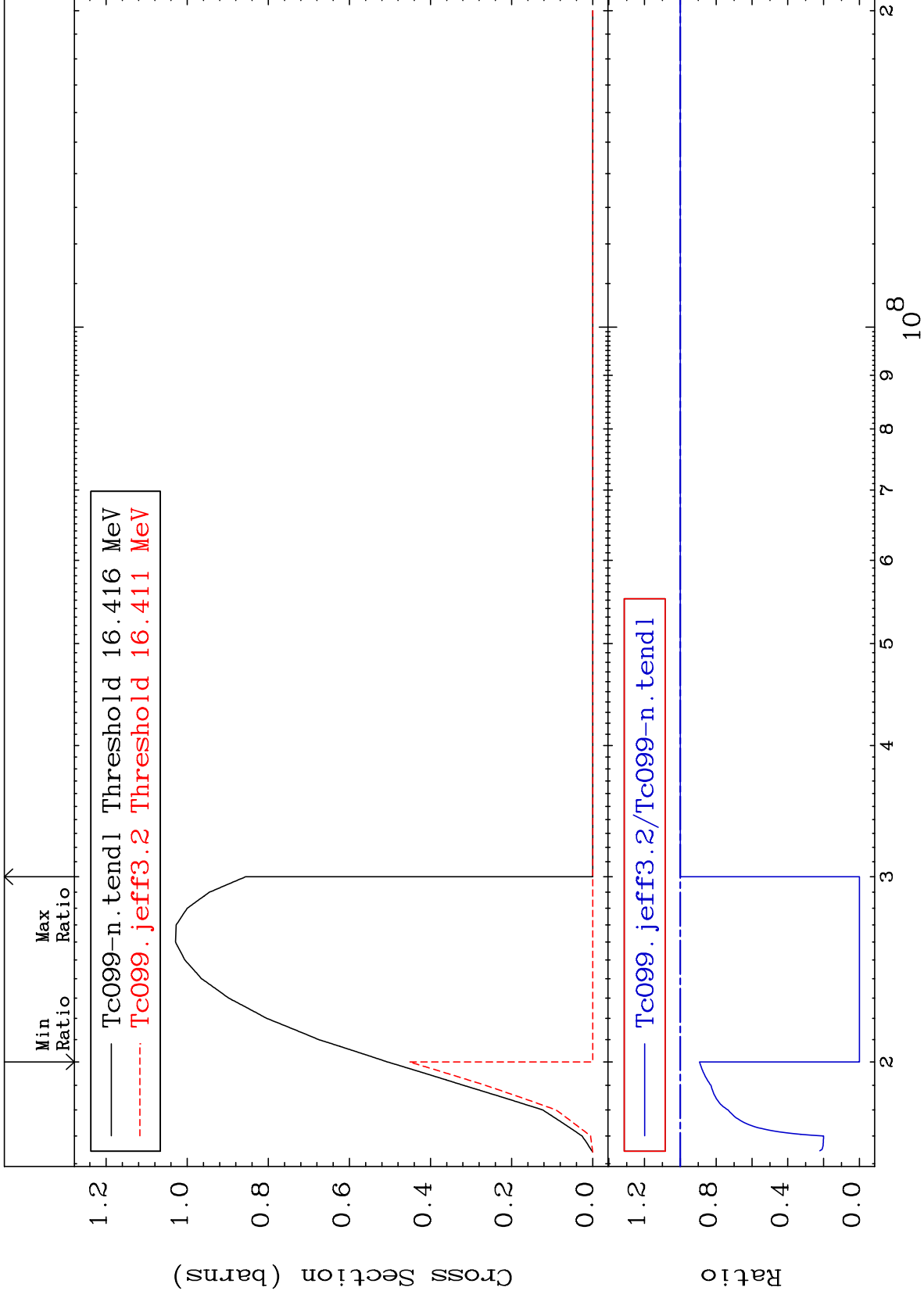
Inelastic: 43-Tc-99m2

43-Tc-99

Radionuclide Production Cross Section -100.0 To 26.04 %



Radionuclide Production Cross Section -100.0 To 0.000 %

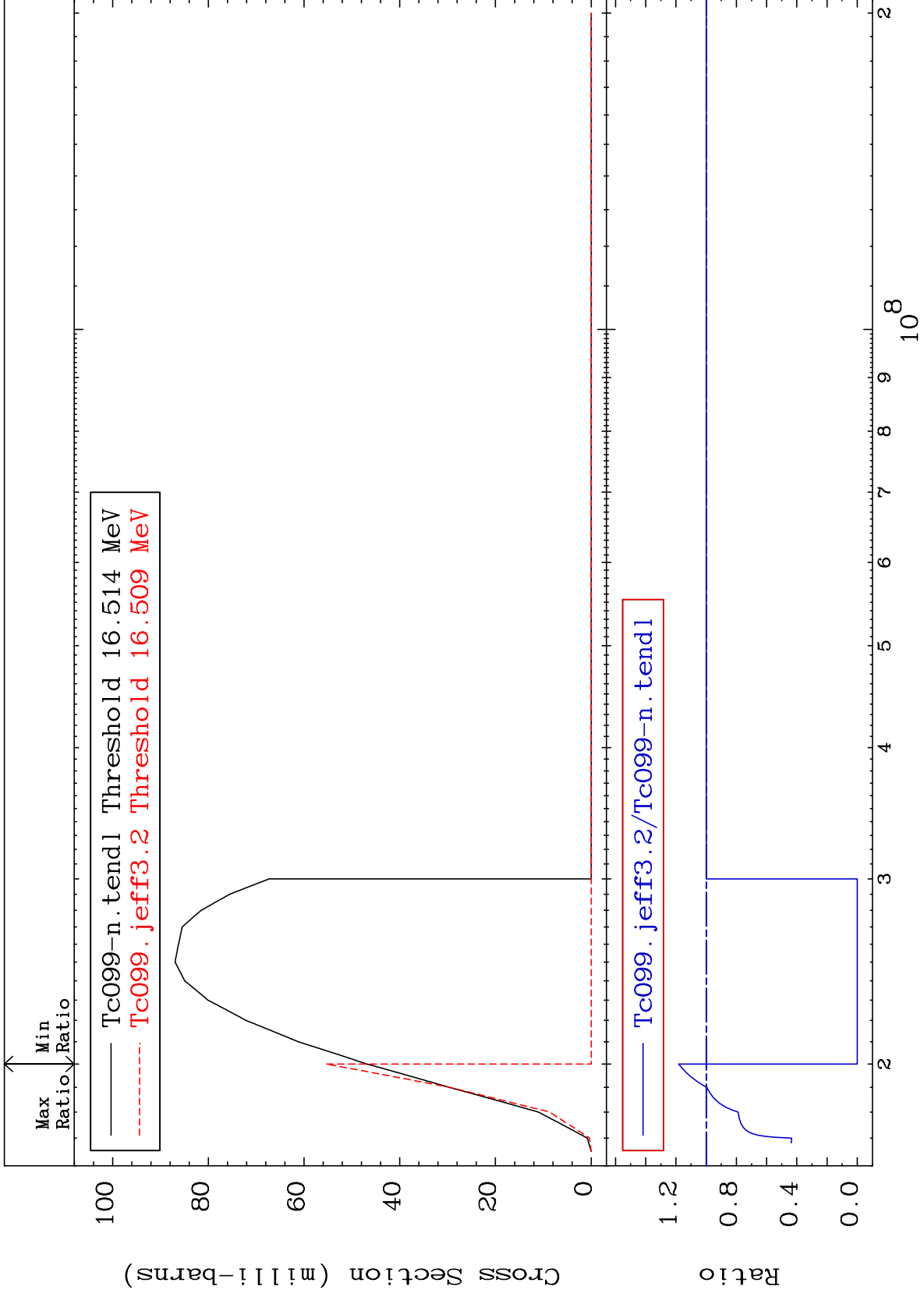


MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 18.23 %

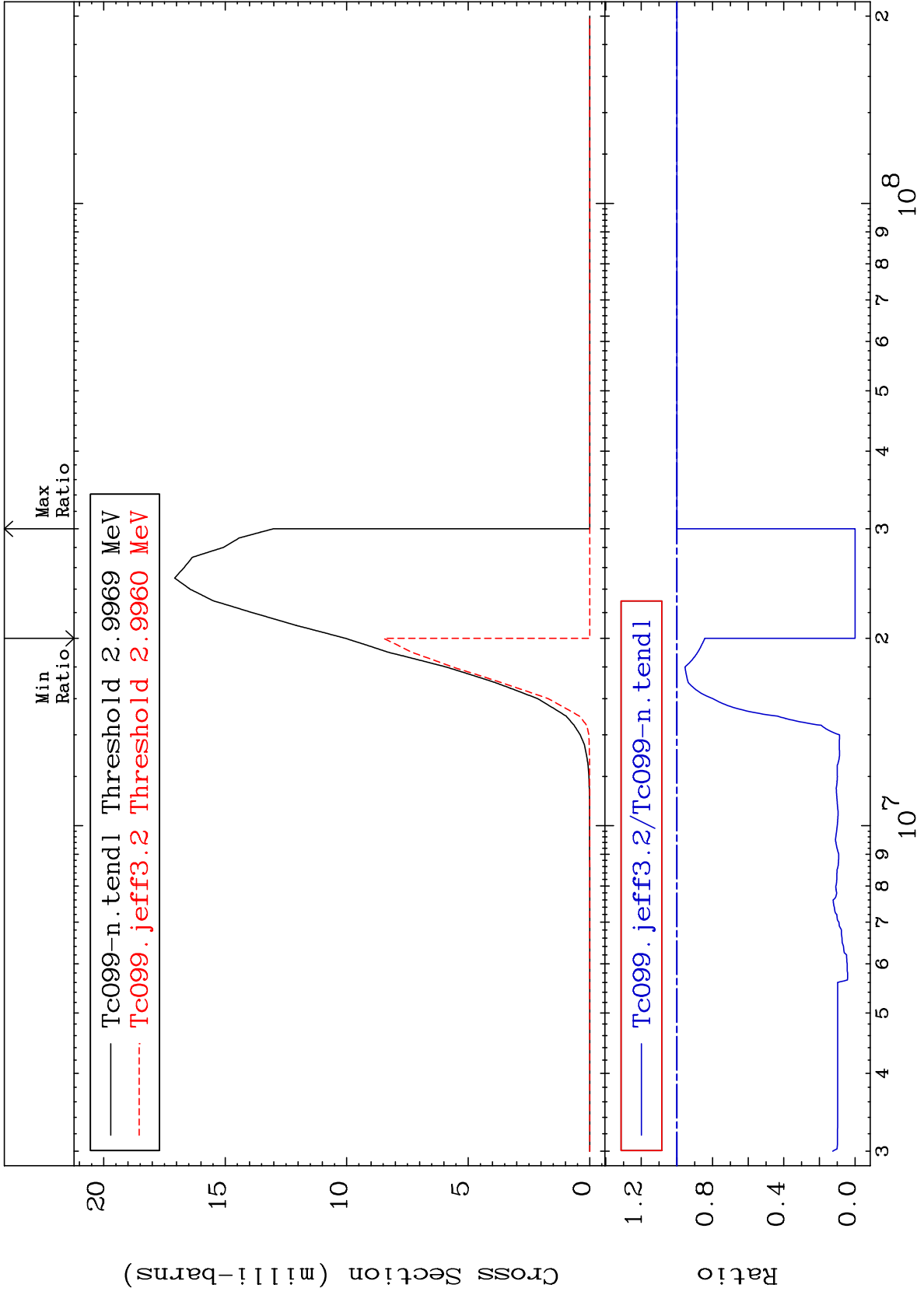


MAT 4325

(n, n') α :41-Nb-95g

43-Tc-99

Radionuclide Production Cross Section -100.0 To 0.000 %



64

Incident Energy (eV)

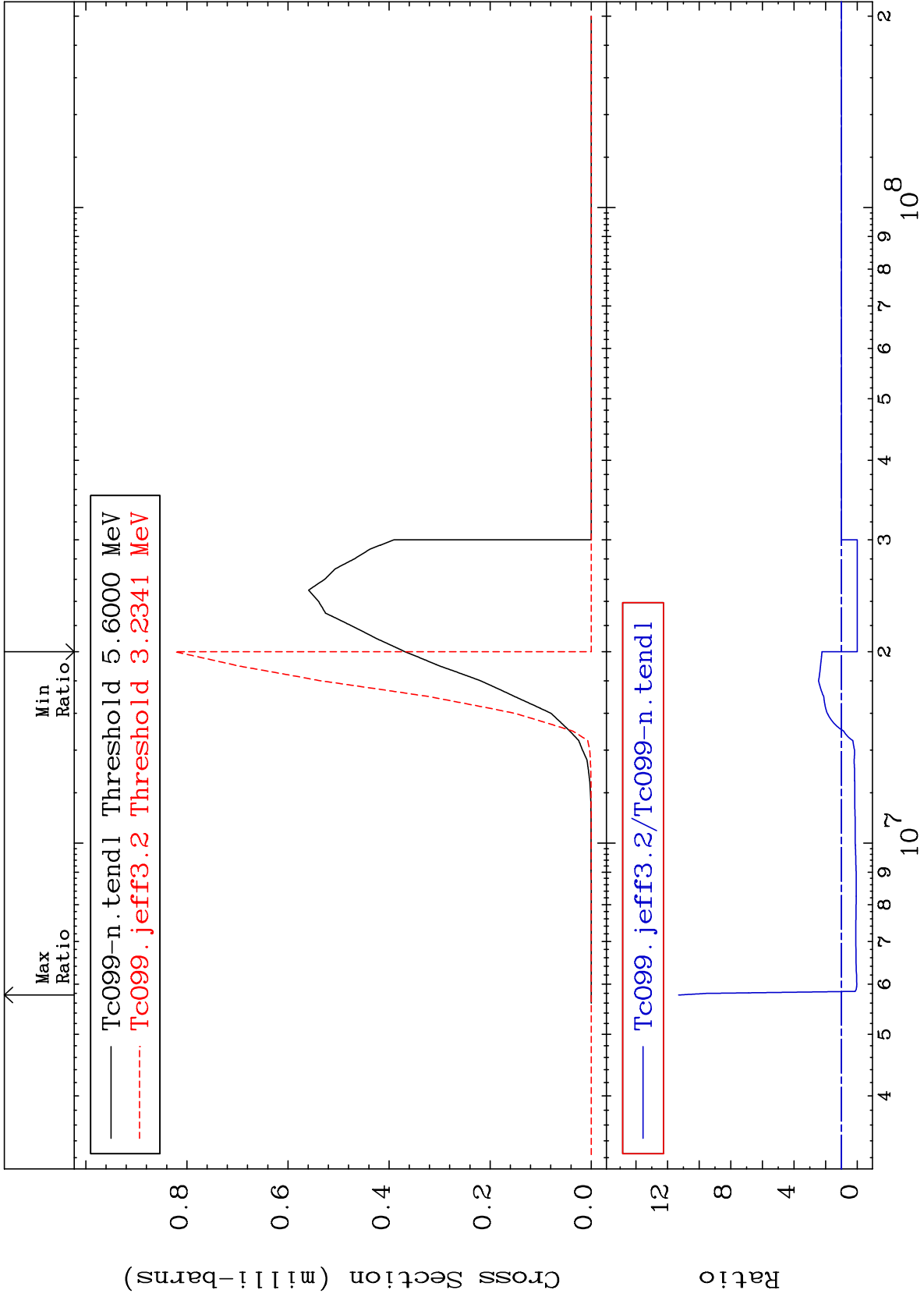
43-Tc-99

MAT 4325

(n, n') α : 41-Nb-95m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 1030. %



65

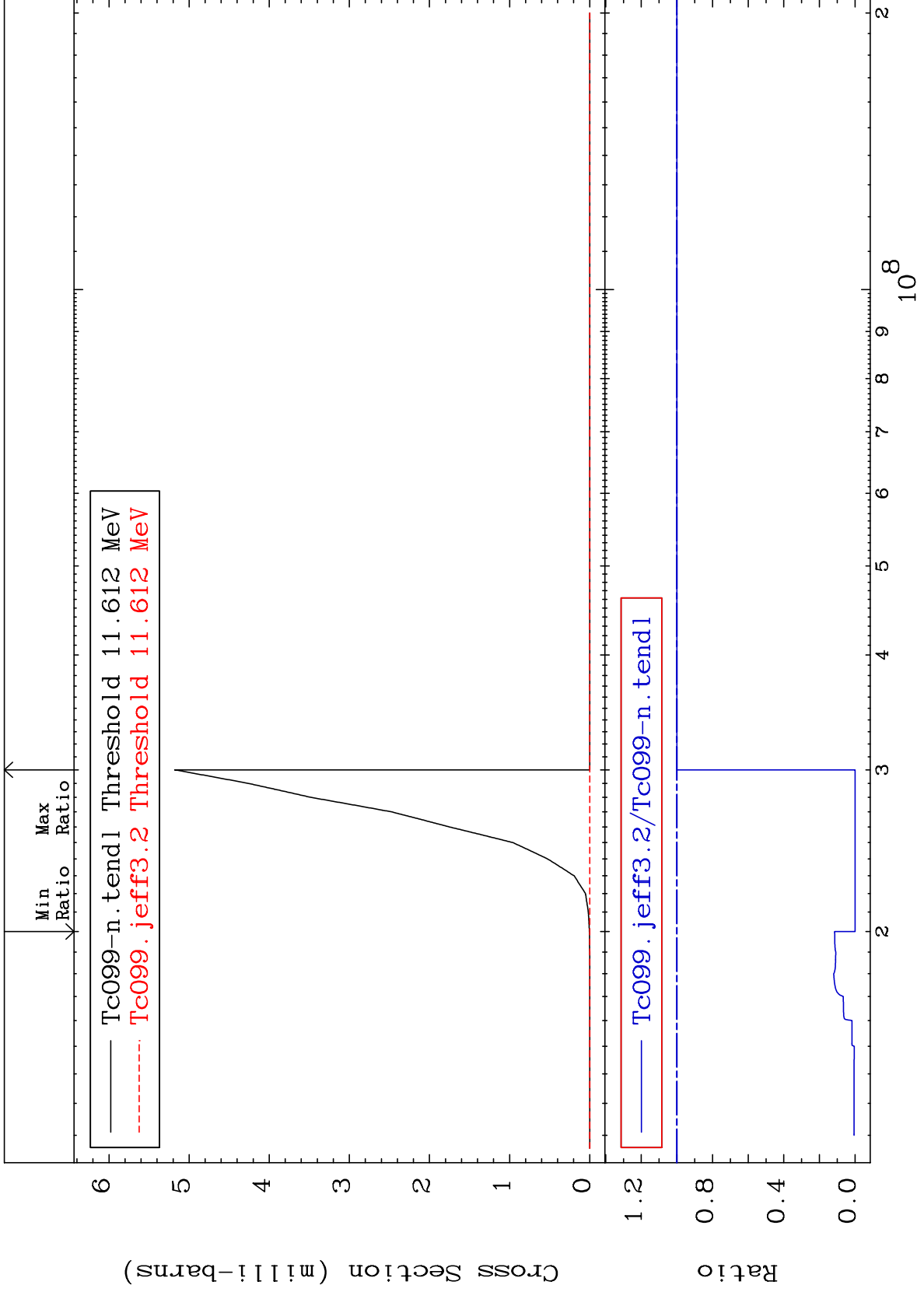
43-Tc-99

MAT 4325

(n,2n) α : 41-Nb-94m1

43-Tc-99

Radionuclide Production Cross Section -100.0 To 0.000 %

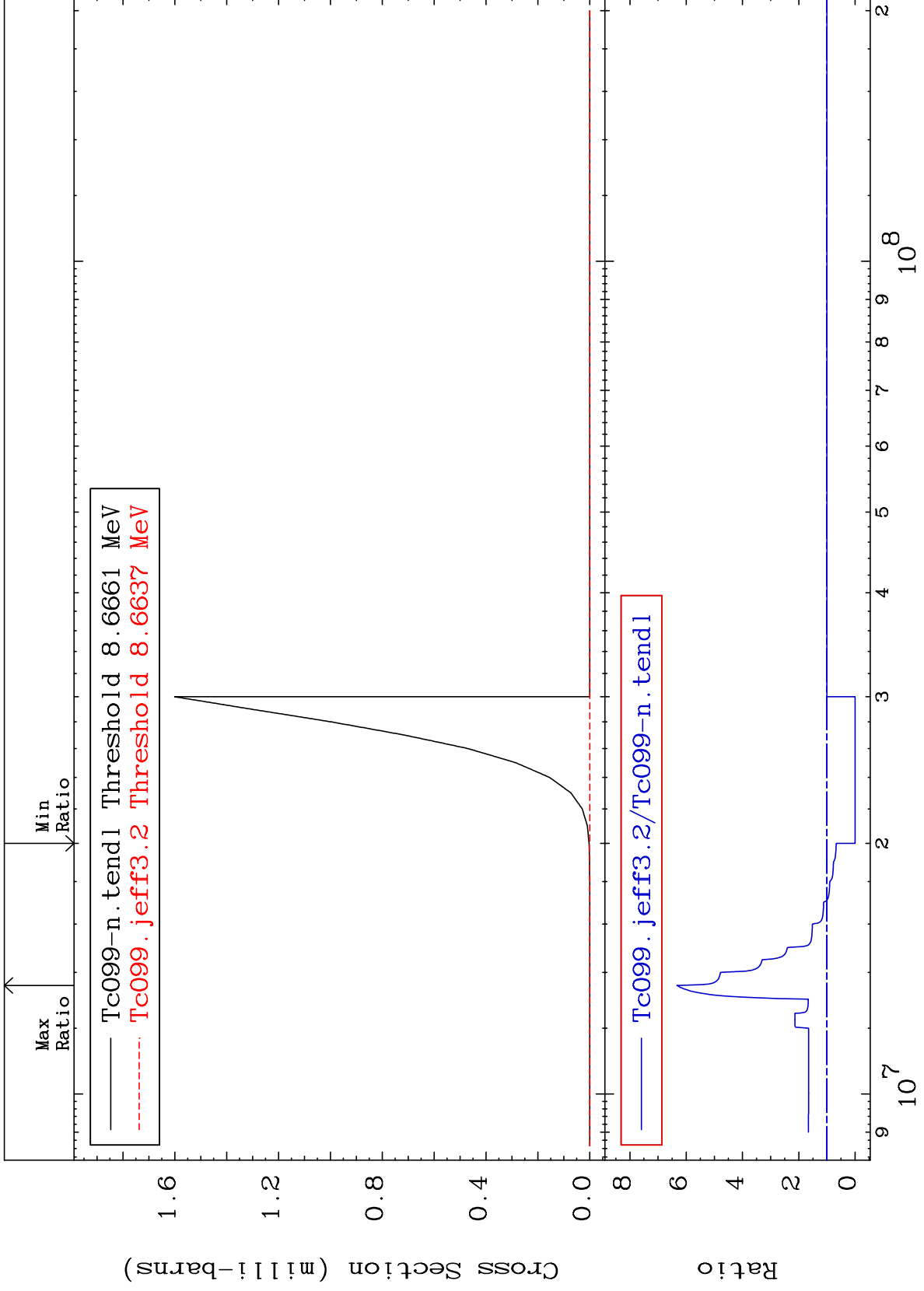


MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 533.0 %



68

Incident Energy (eV)

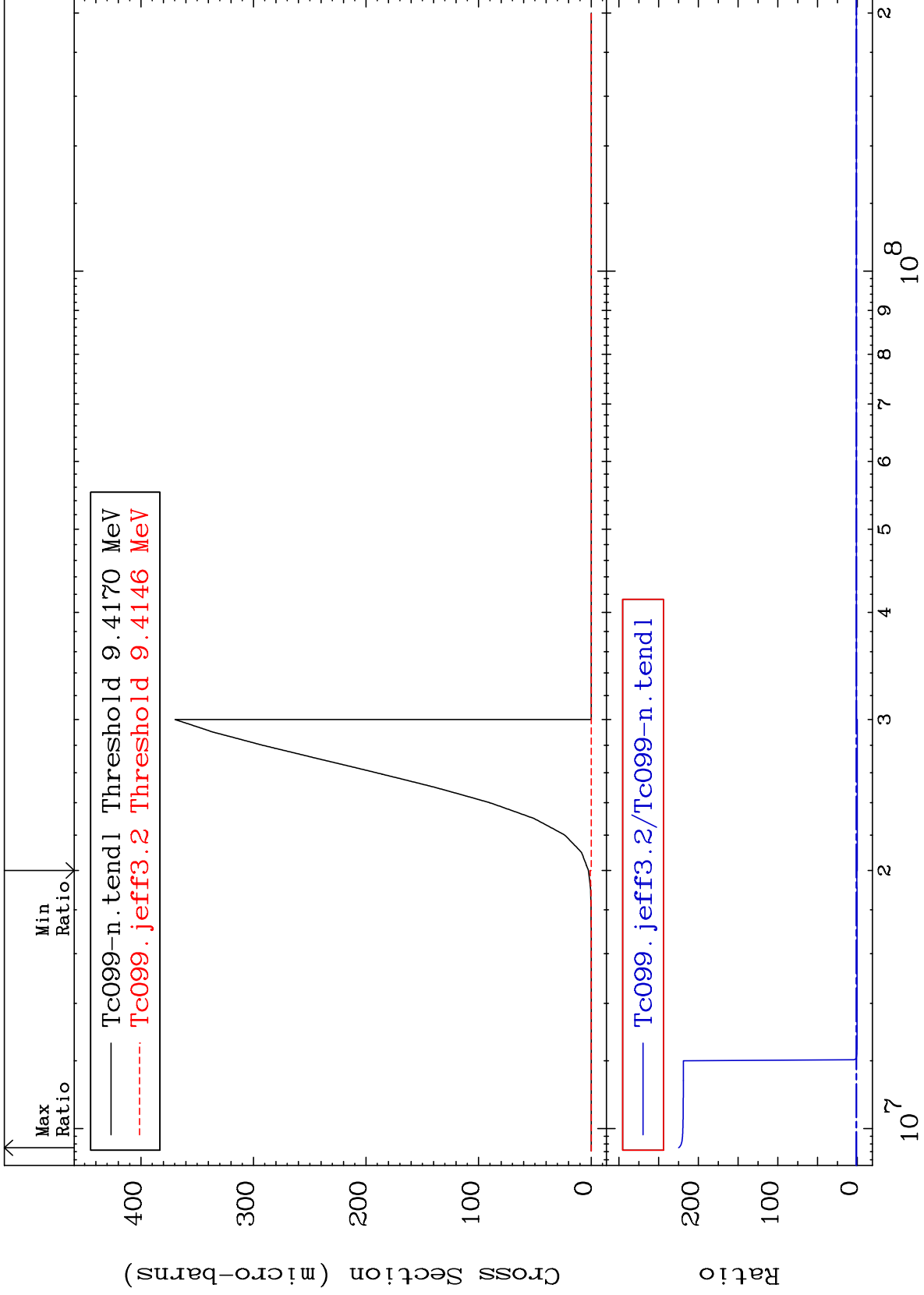
43-Tc-99

MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 9999. %



69

Incident Energy (eV)

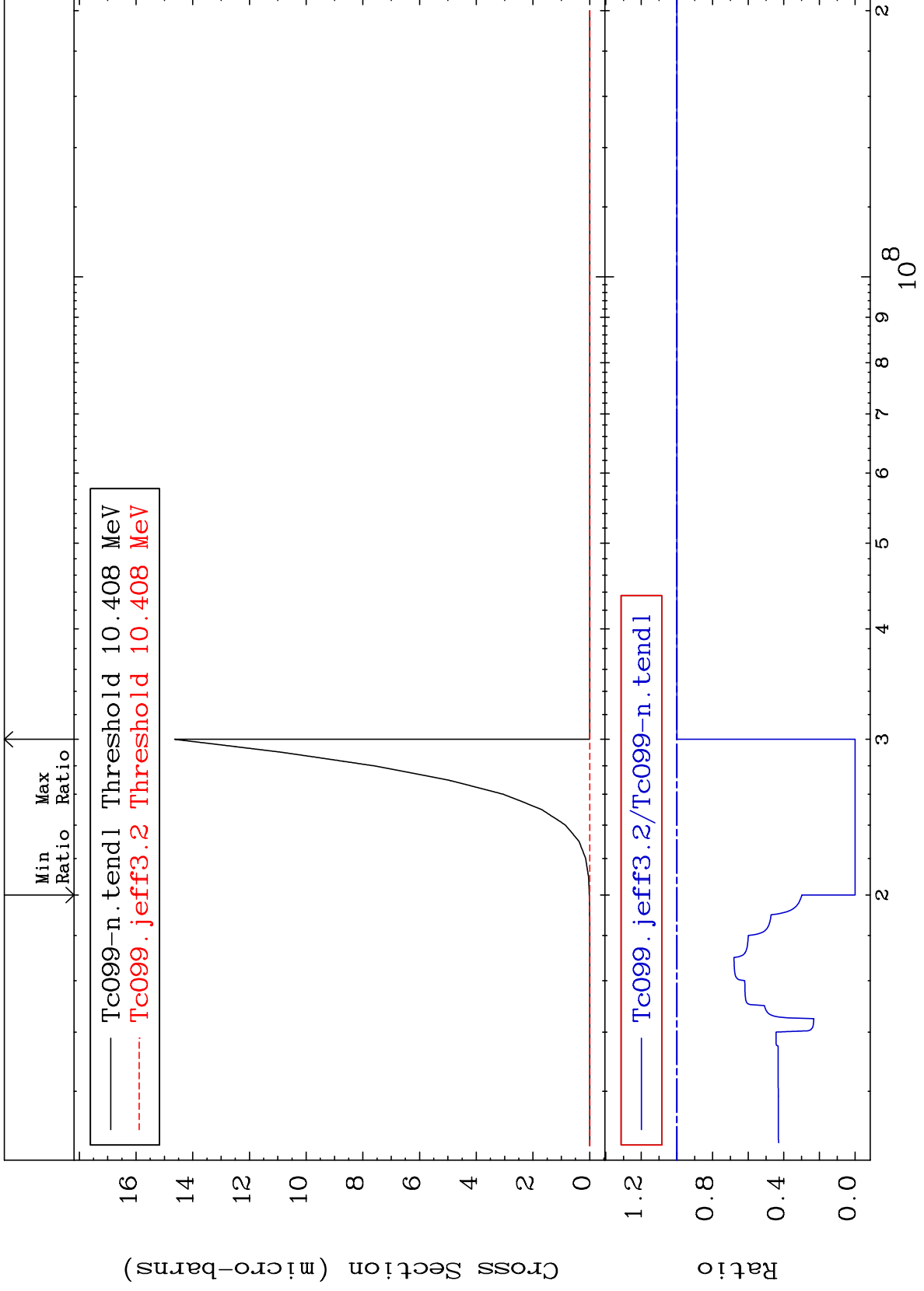
43-Tc-99

MAT 4325

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

43-Tc-99

Radionuclide Production Cross Section -100.0 To 0.000 %



70

Incident Energy (eV)

43-Tc-99

Radionuclide Production Cross Section -100.0 To 0.000 %

