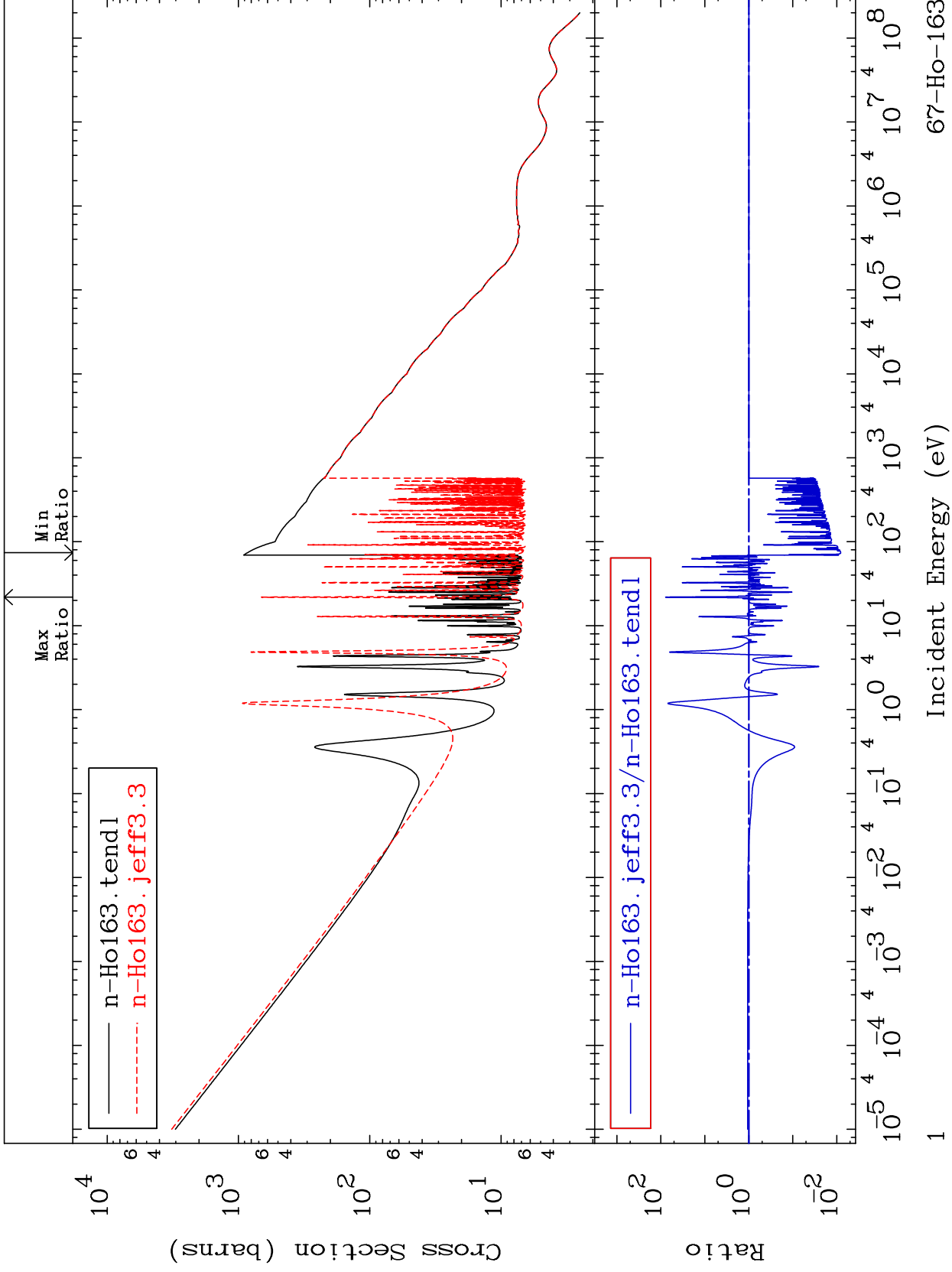


MAT 6719

Total Cross Section
67-Ho-163
-99.18 To 7741. %

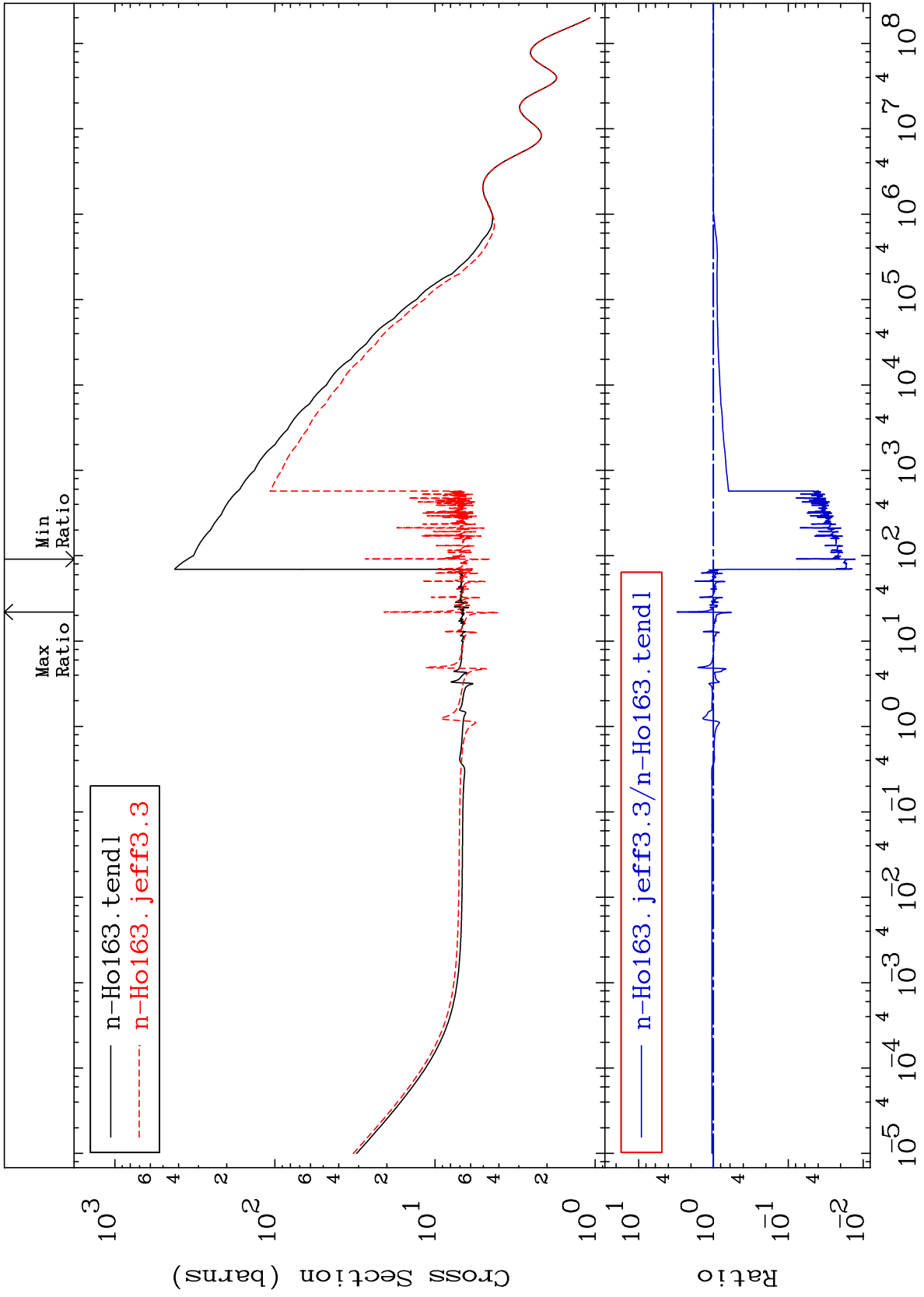


67-Ho-163

Incident Energy (eV)

MAT 6719

Elastic Cross Section
67-Ho-163
-98.72 To 207.9 %



Incident Energy (eV)

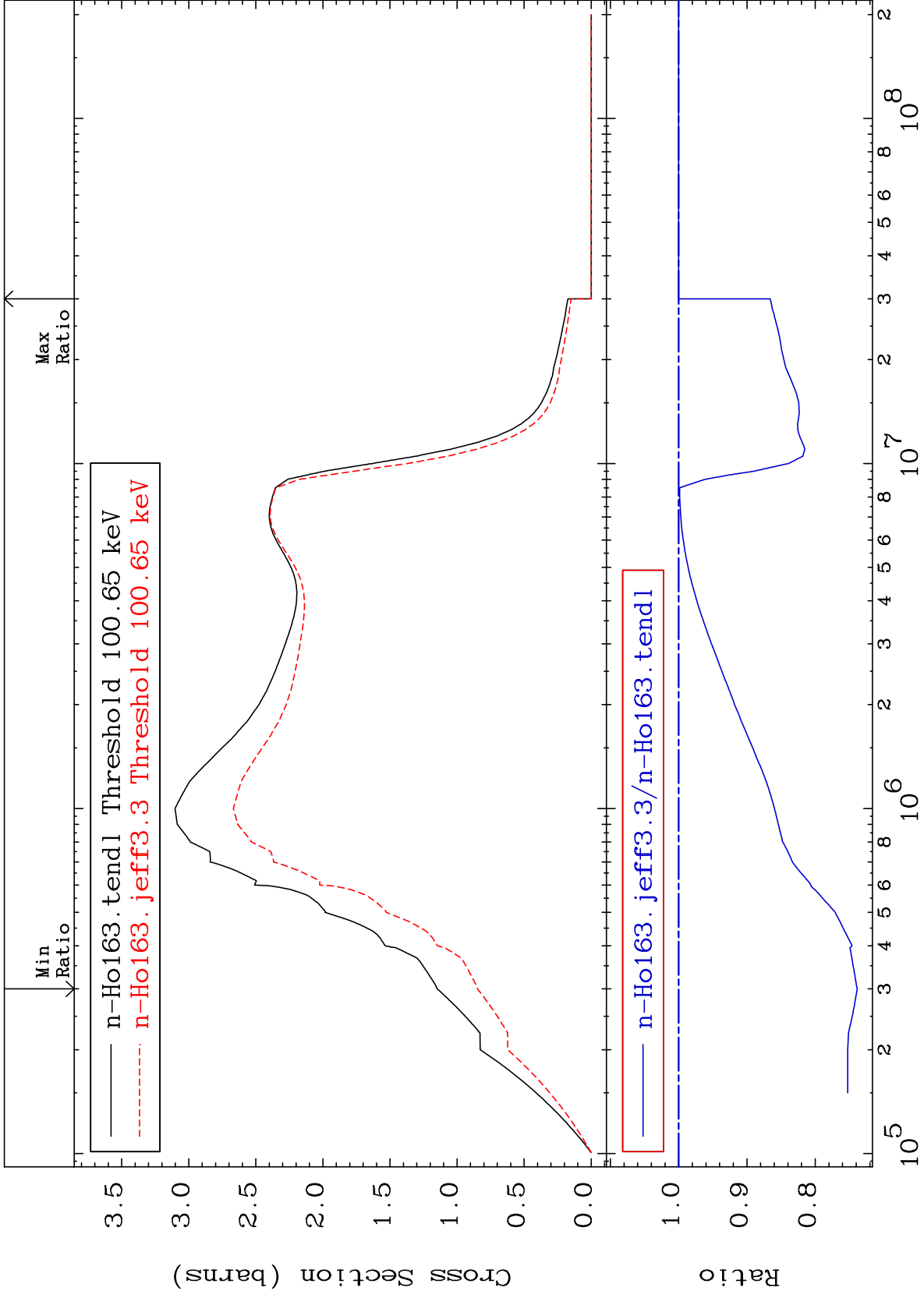
67-Ho-163

2

MAT 6719

Inelastic
Cross Section

67-Ho-163
-26.16 To 0.000 %



MAT 6719

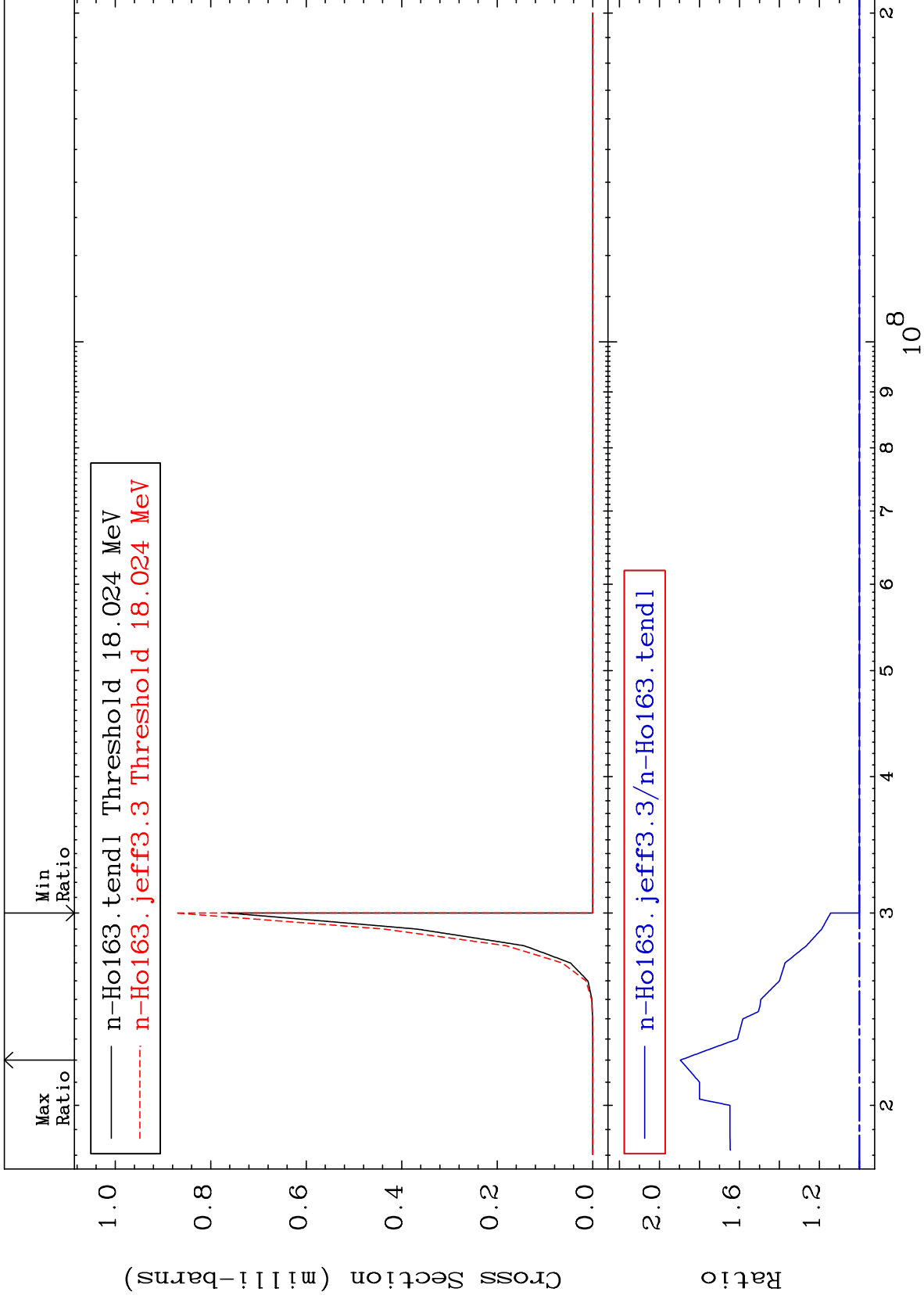
(n,2n) d

67-Ho-163

Cross Section

0.000

To 89.56 %



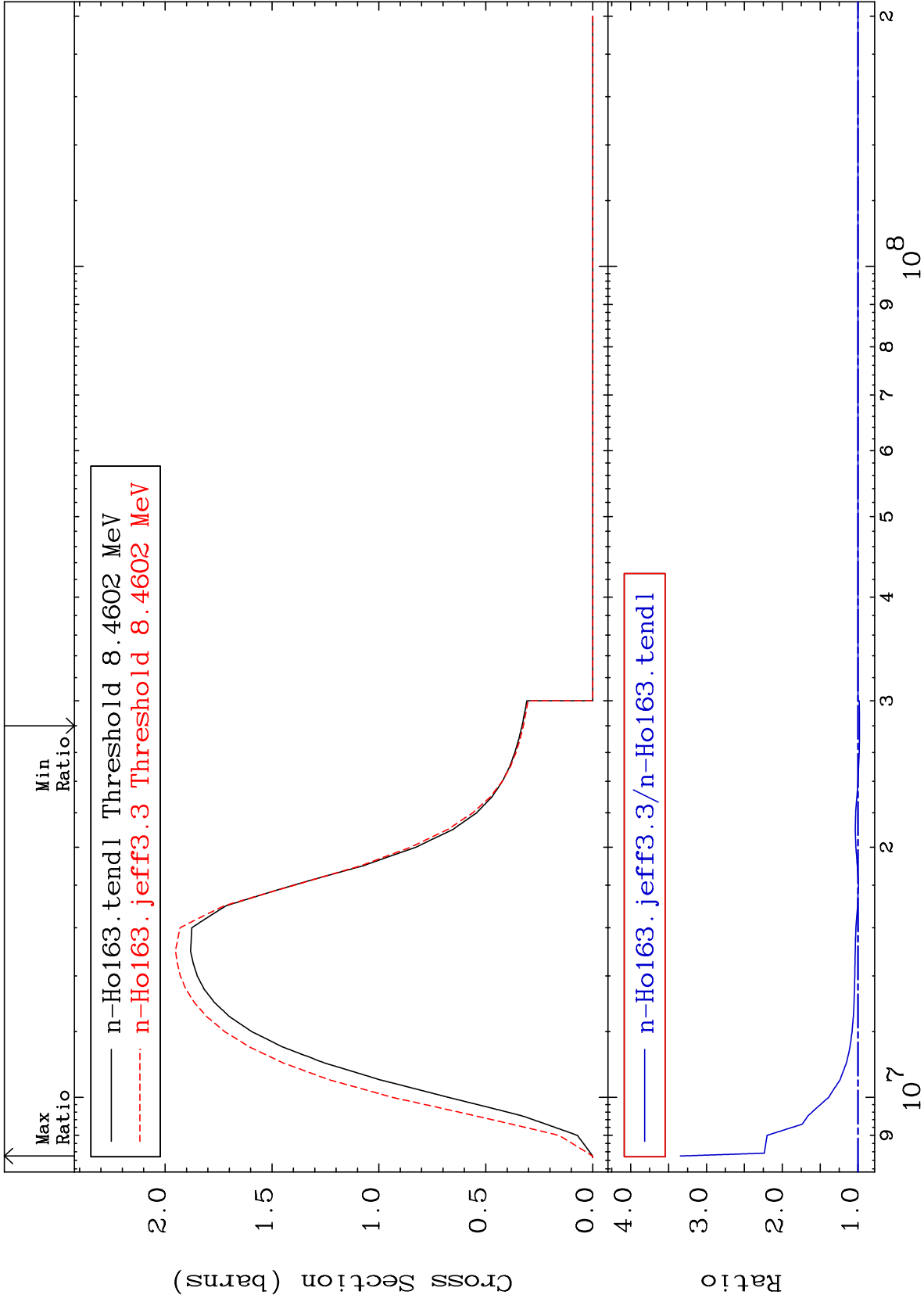
MAT 6719

(n,2n)

67-Ho-163

Cross Section

-1.807 To 234.5 %



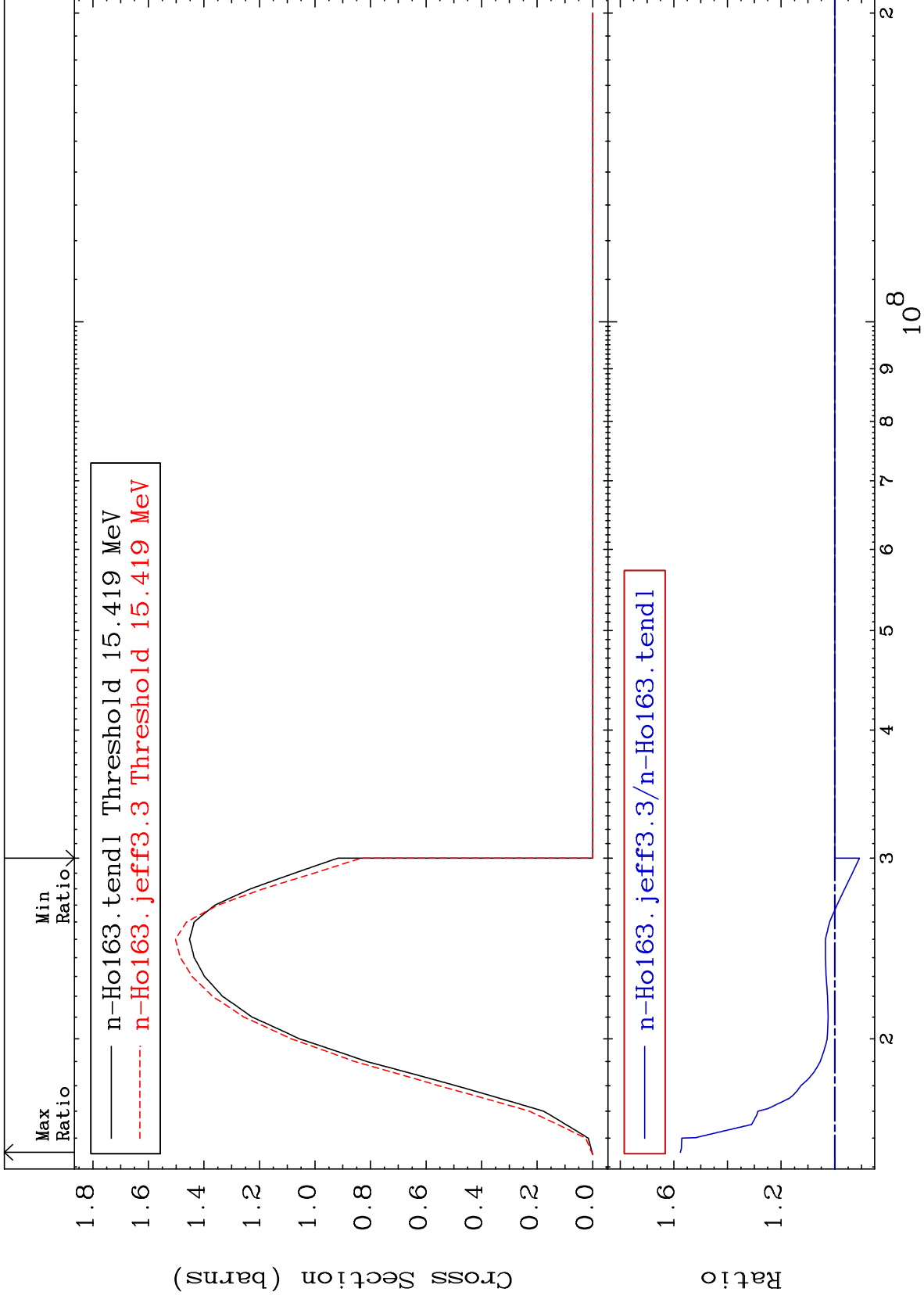
5

Incident Energy (eV)

67-Ho-163

Cross Section

-9.214 To 57.58 %



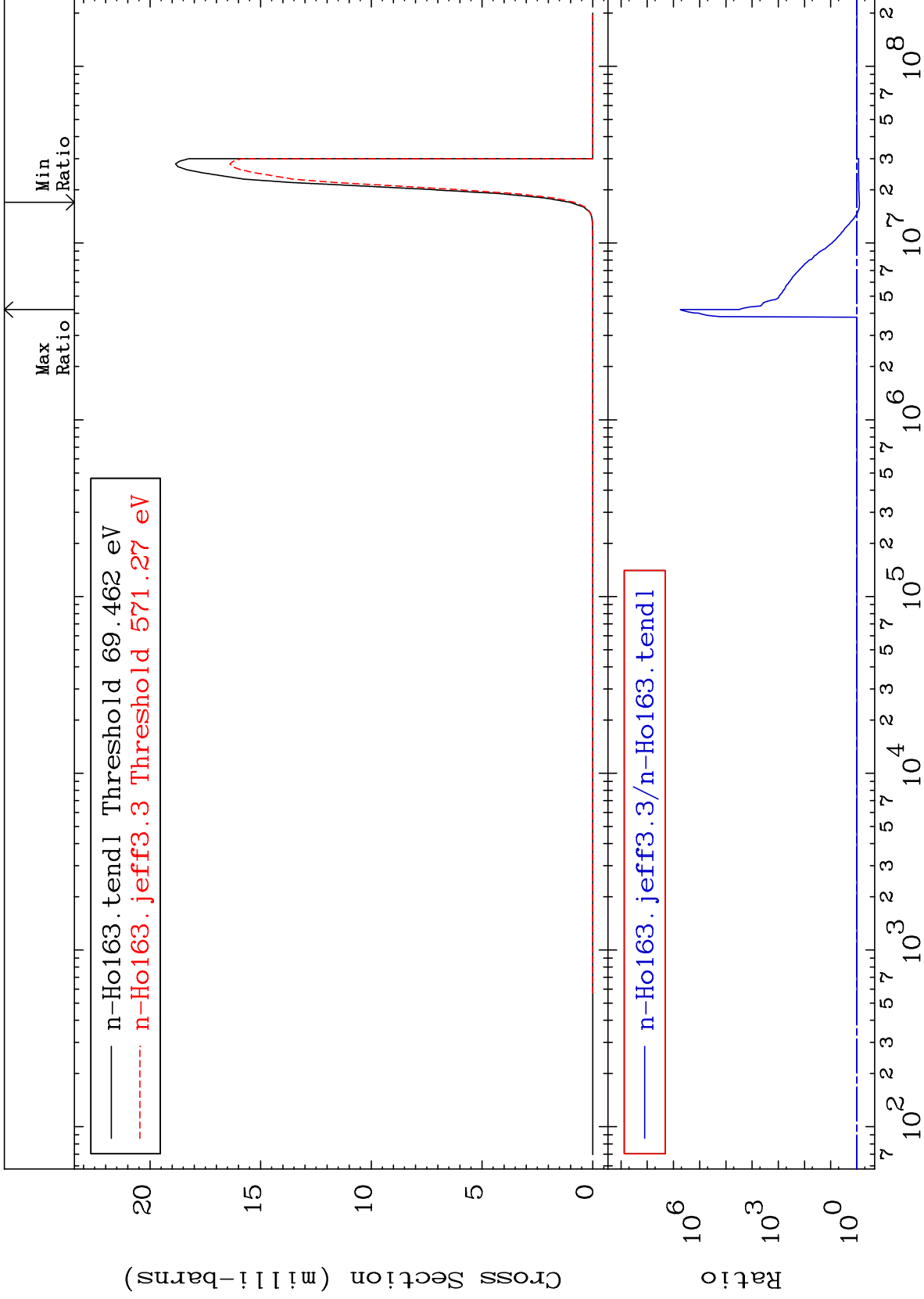
MAT 6719

(n, n') α

67-Ho-163

Cross Section

-19.79 To 9999. %



7

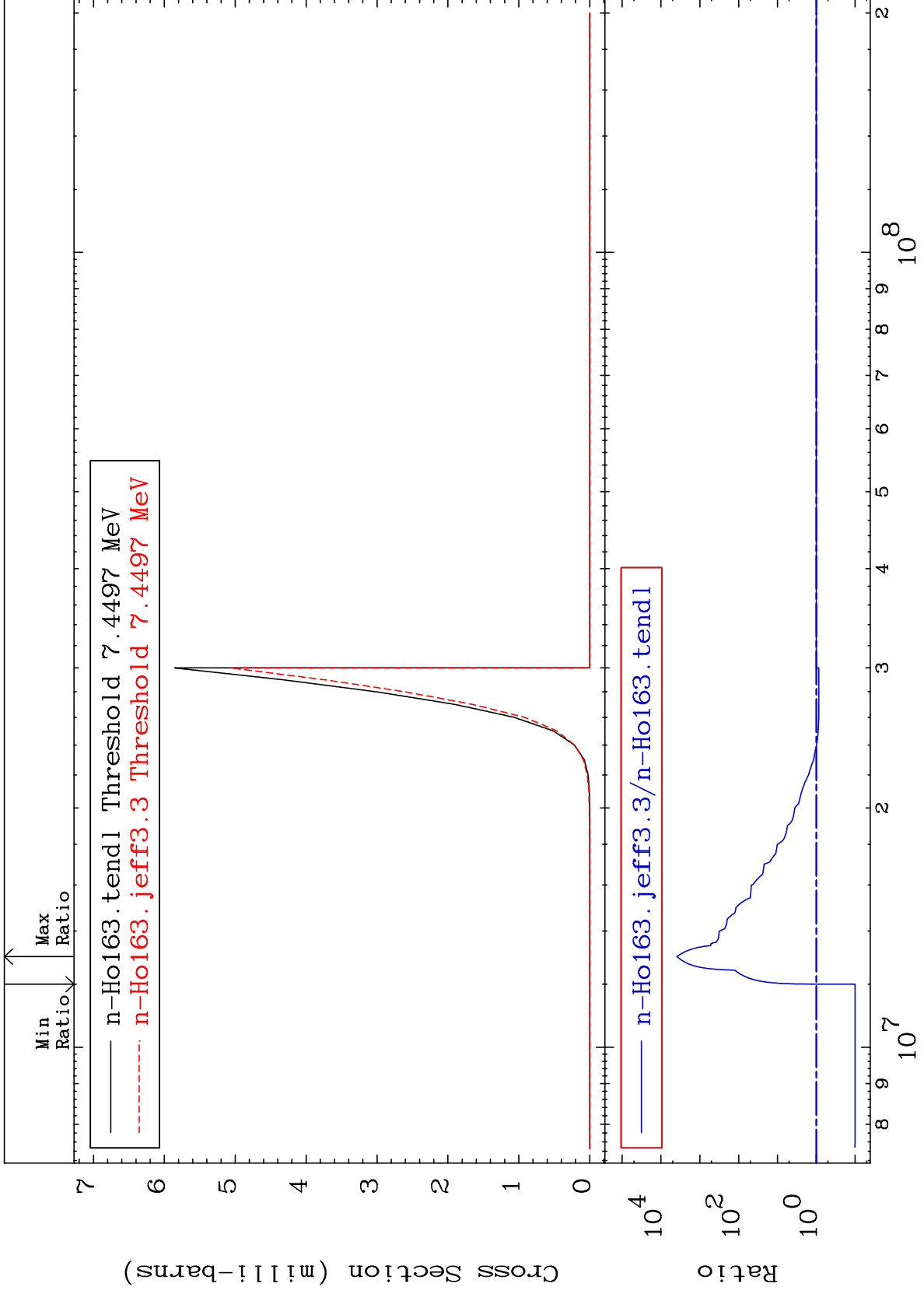
Incident Energy (eV)

67-Ho-163

MAT 6719

(n,2n) α
Cross Section

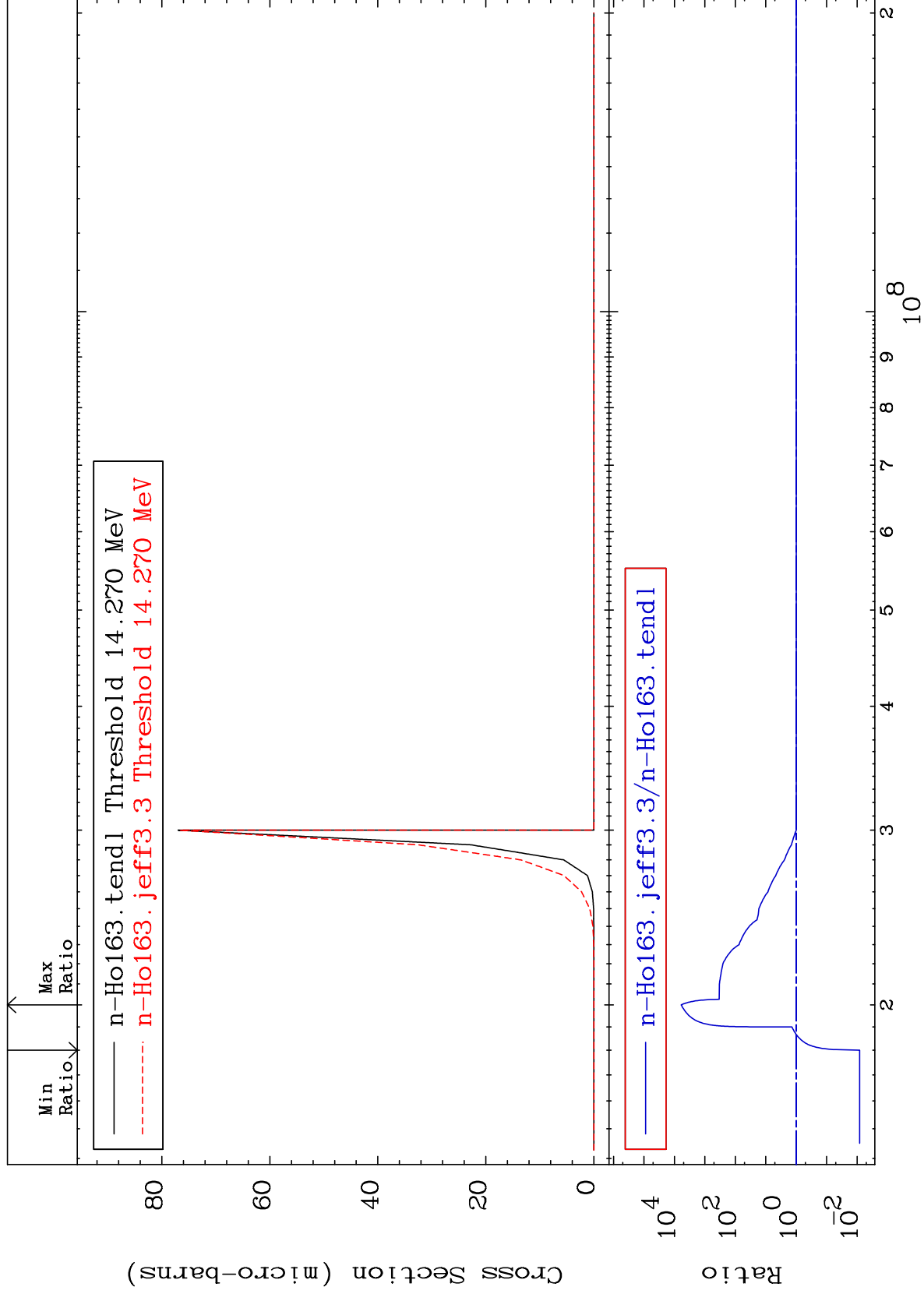
67-Ho-163
-89.99 To 9999. %



8

Incident Energy (eV)

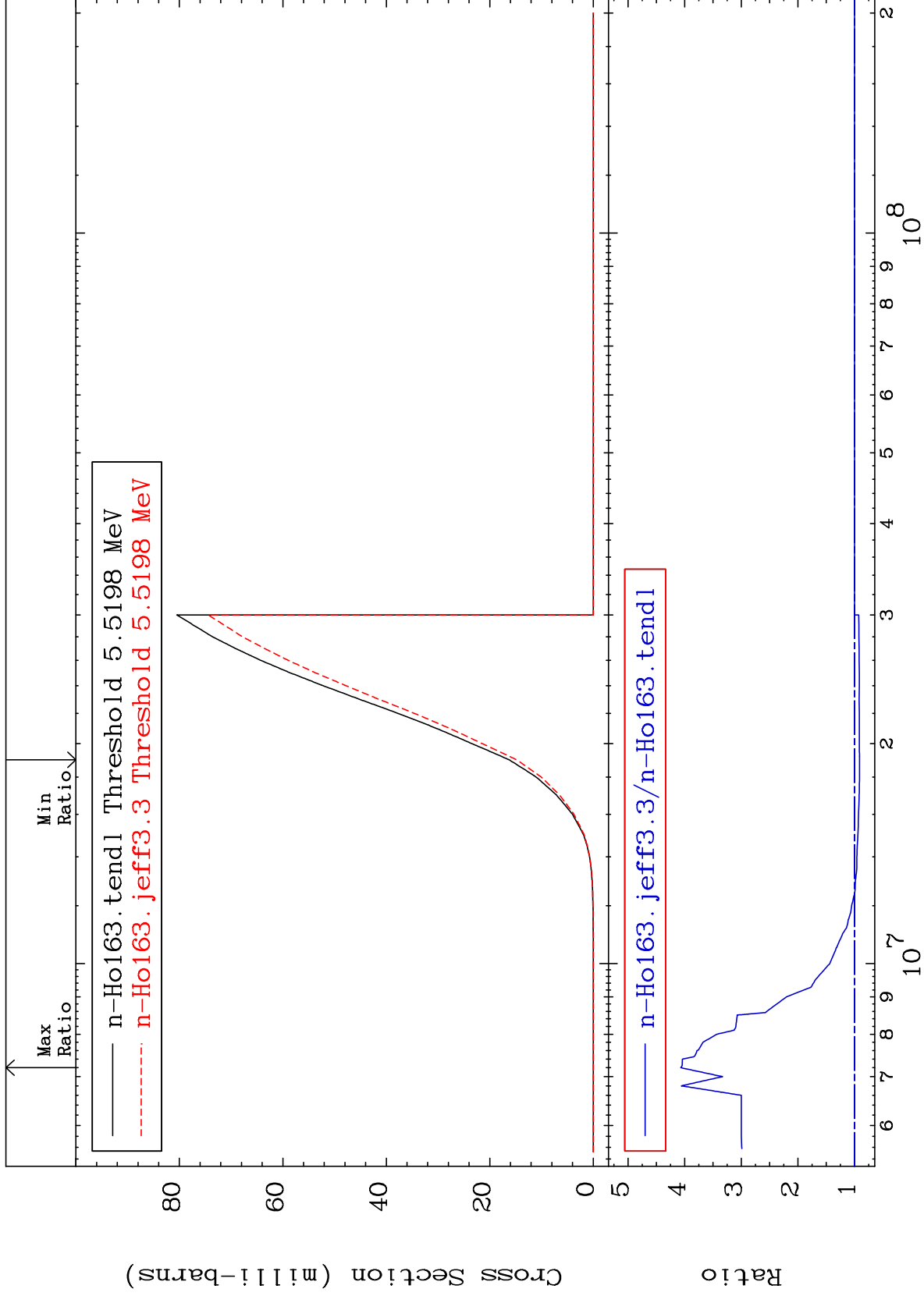
67-Ho-163



MAT 6719

(n, n') p
Cross Section

67-Ho-163
-8.885 To 307.0 %



10

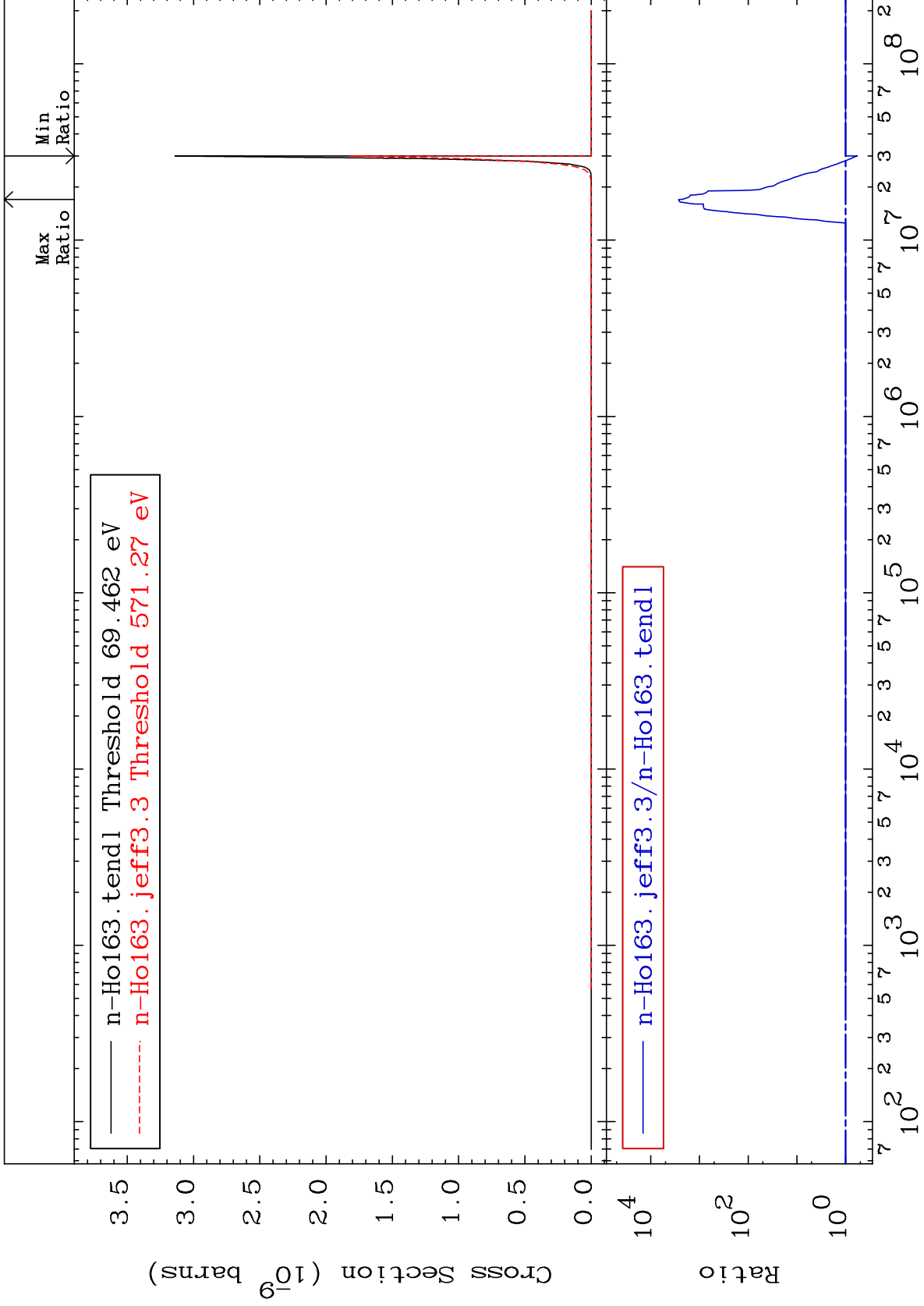
Incident Energy (eV)

67-Ho-163

MAT 6719

(n, n') 2α
Cross Section

67-Ho-163
-42.20 To 9999. %



11

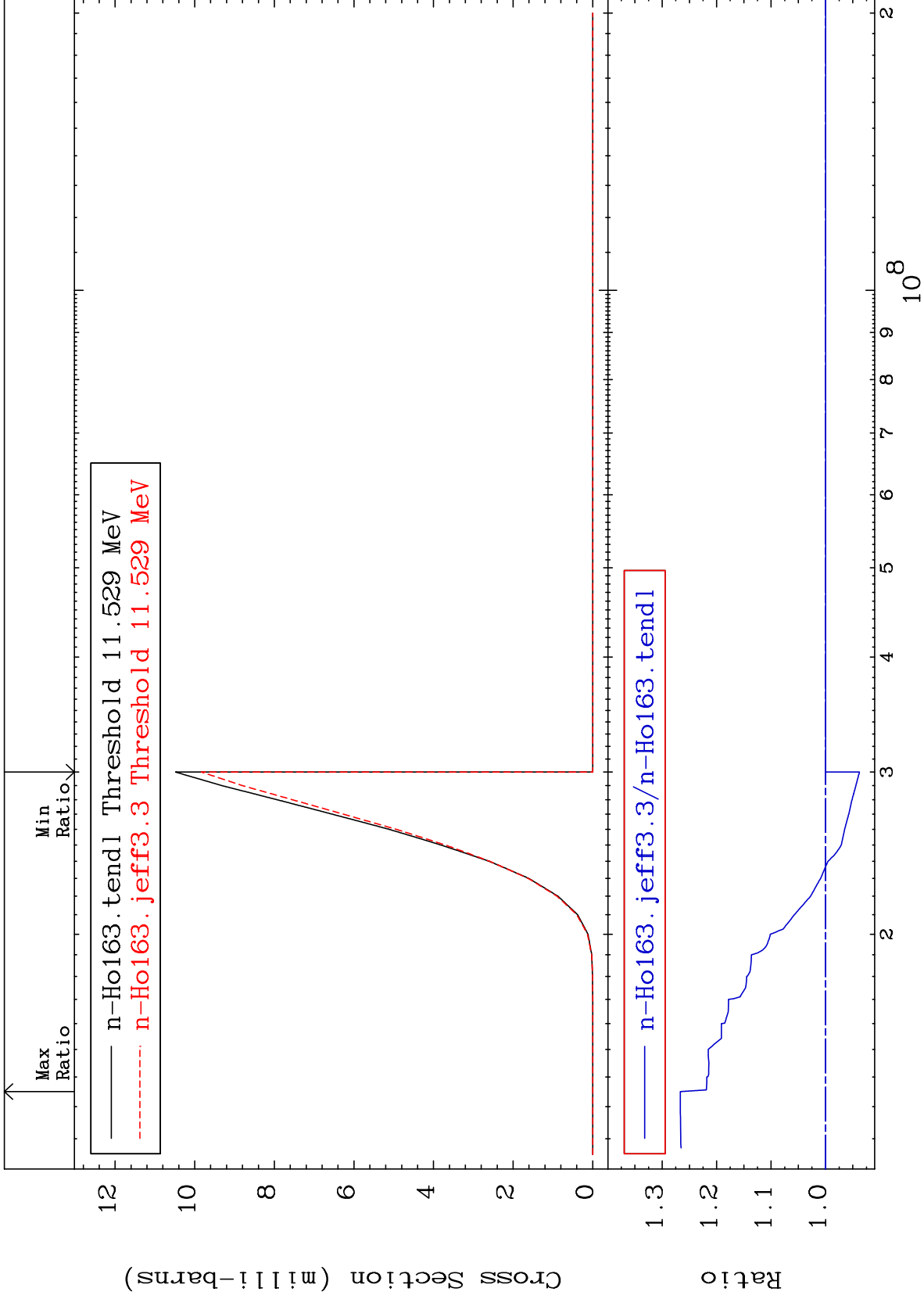
Incident Energy (eV)

67-Ho-163

MAT 6719

(n, n') d
Cross Section

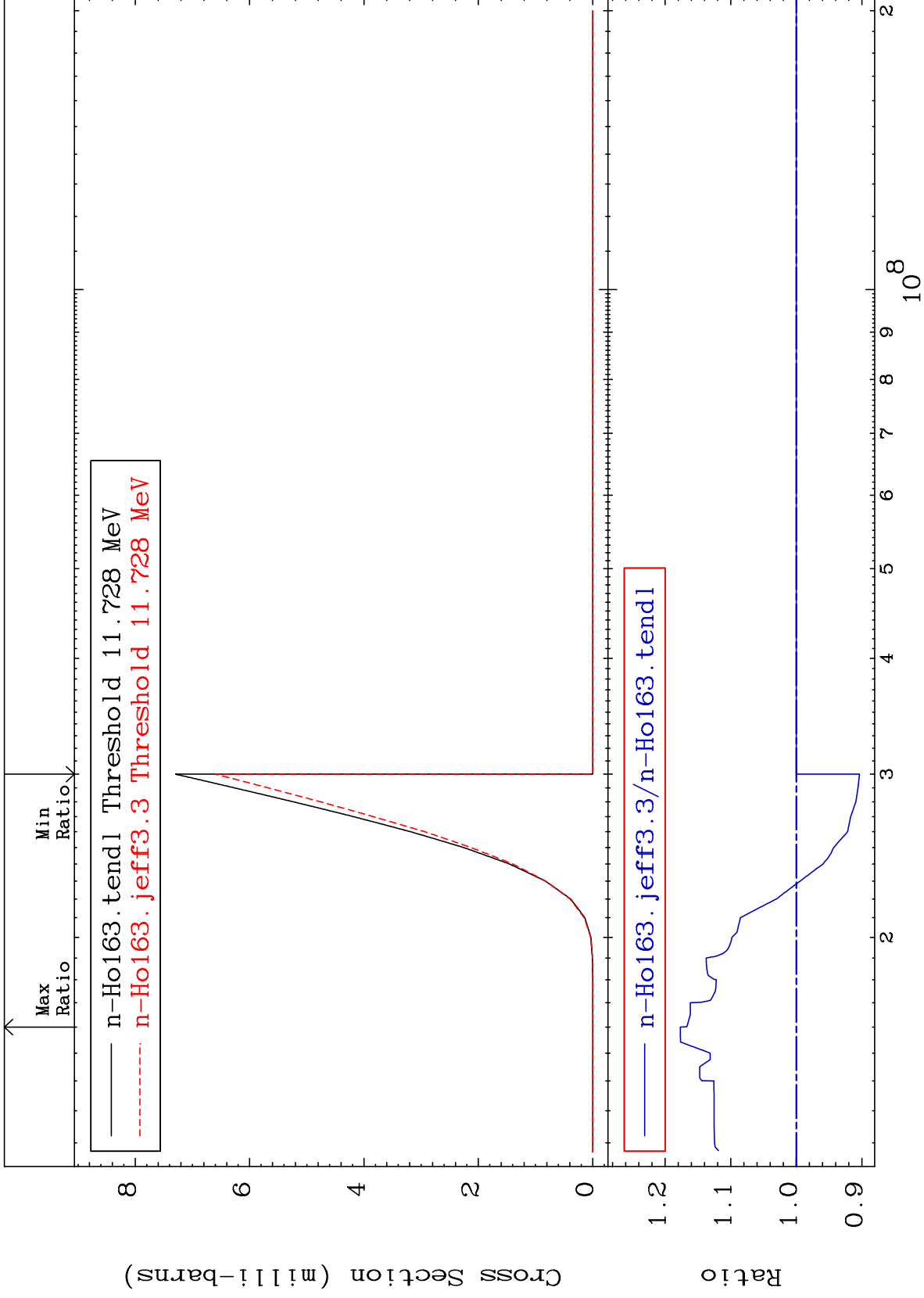
67-Ho-163
-6.215 To 26.66 %



MAT 6719

(n,n') t
Cross Section

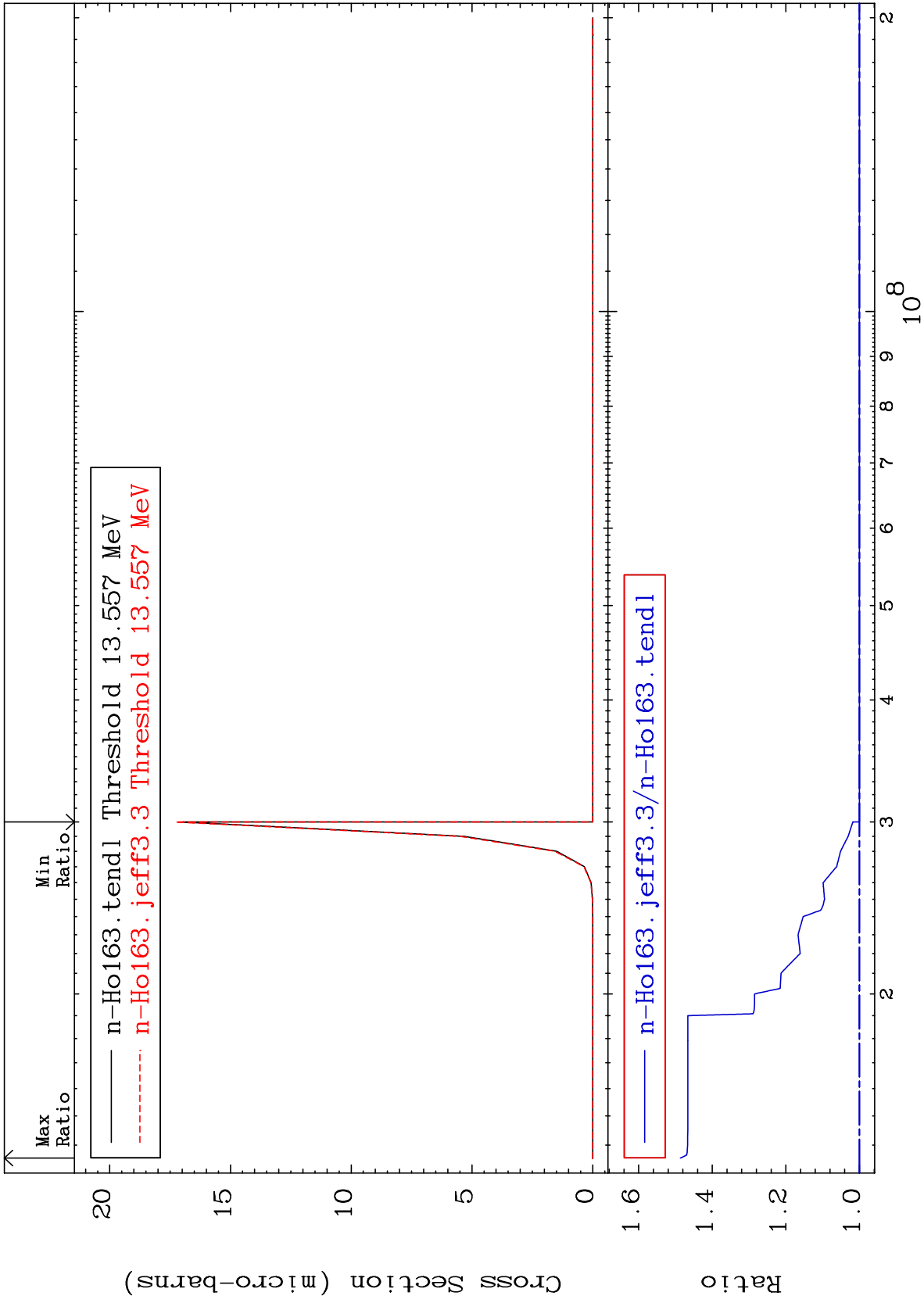
67-Ho-163
-9.617 To 17.68 %



MAT 6719

(n, n') He-3
Cross Section

67-Ho-163
To 48.68 %



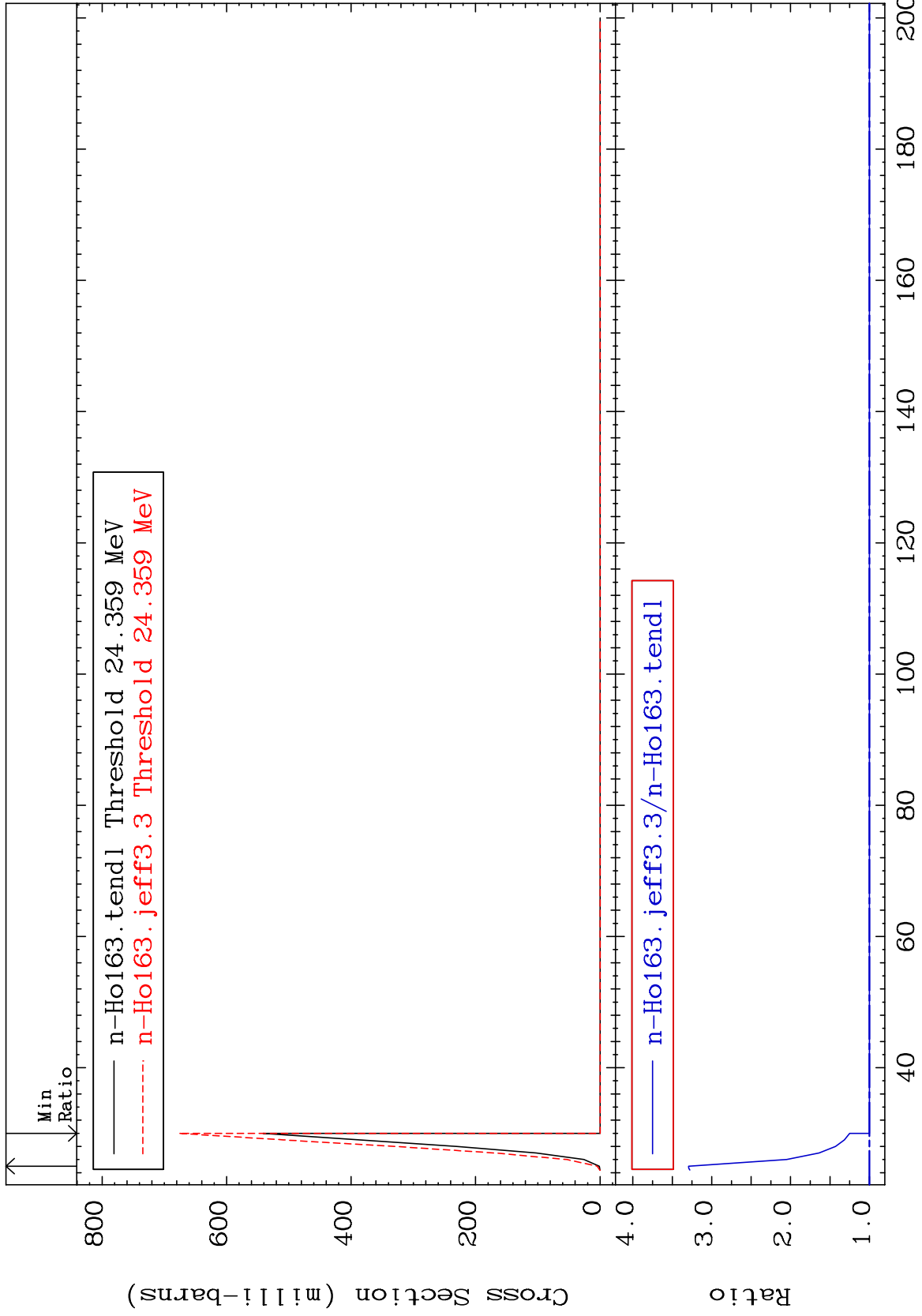
MAT 6719

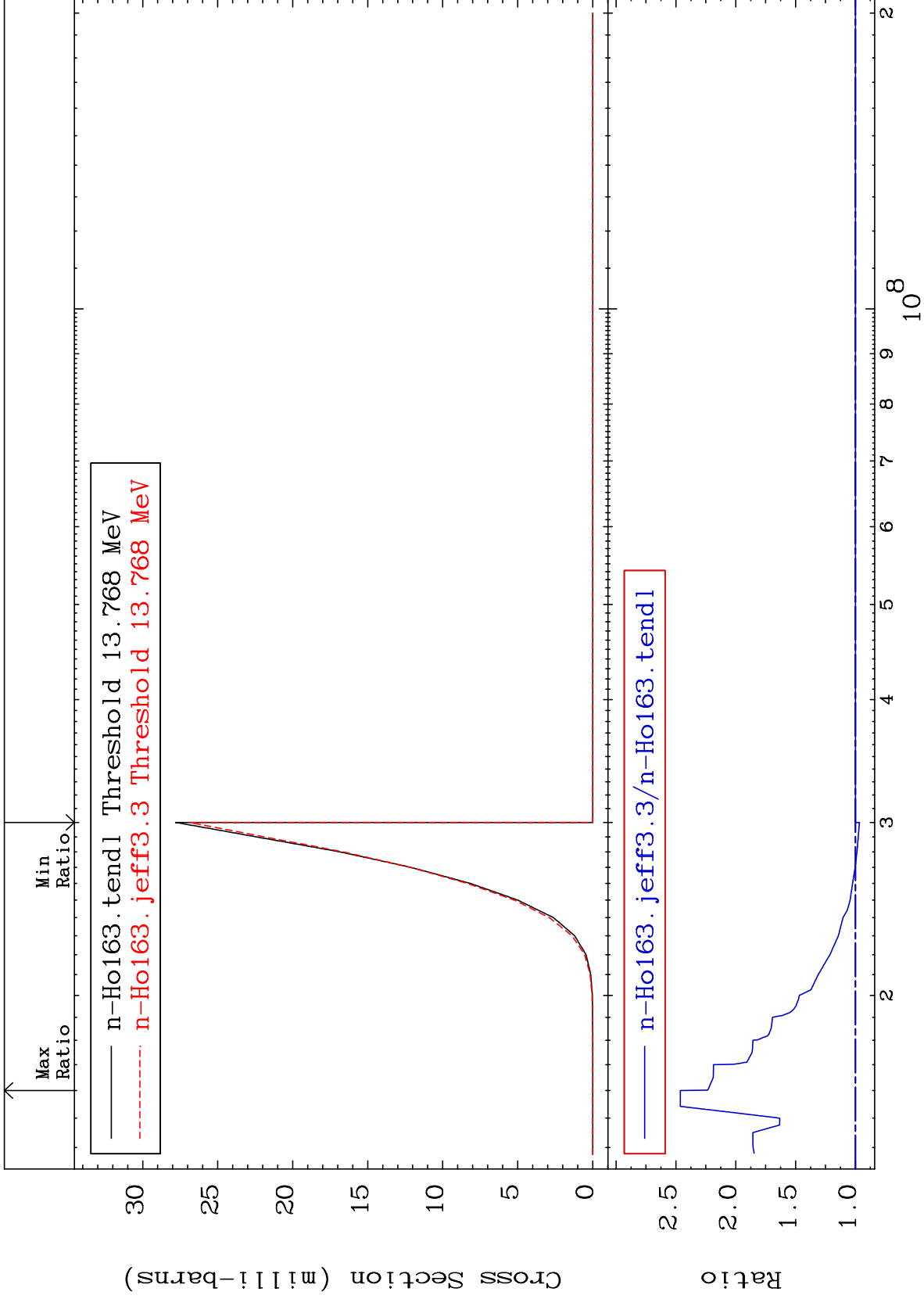
(n,4n)

67-Ho-163

Cross Section

0.000 To 229.3 %

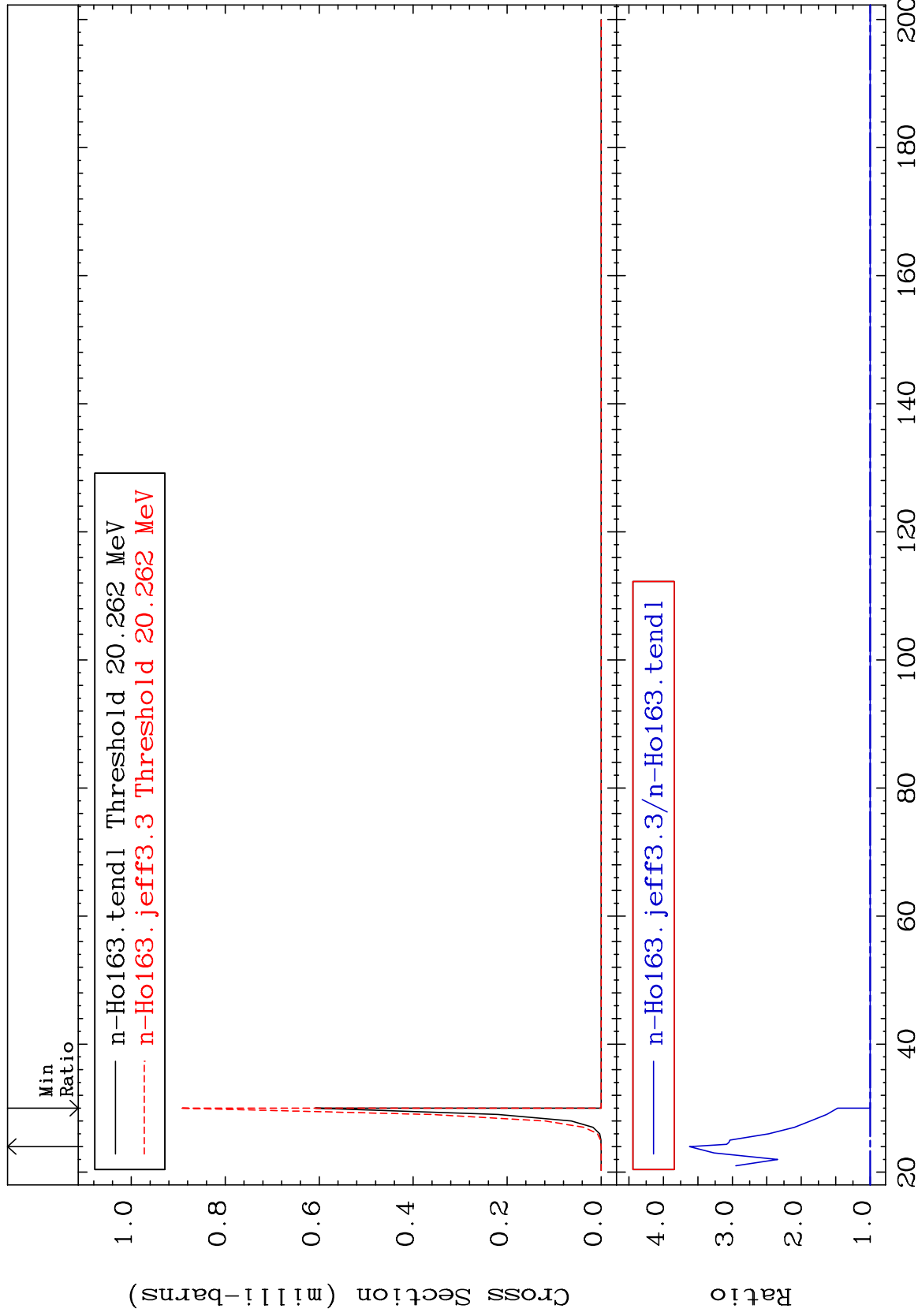




MAT 6719

(n,3n) p
Cross Section

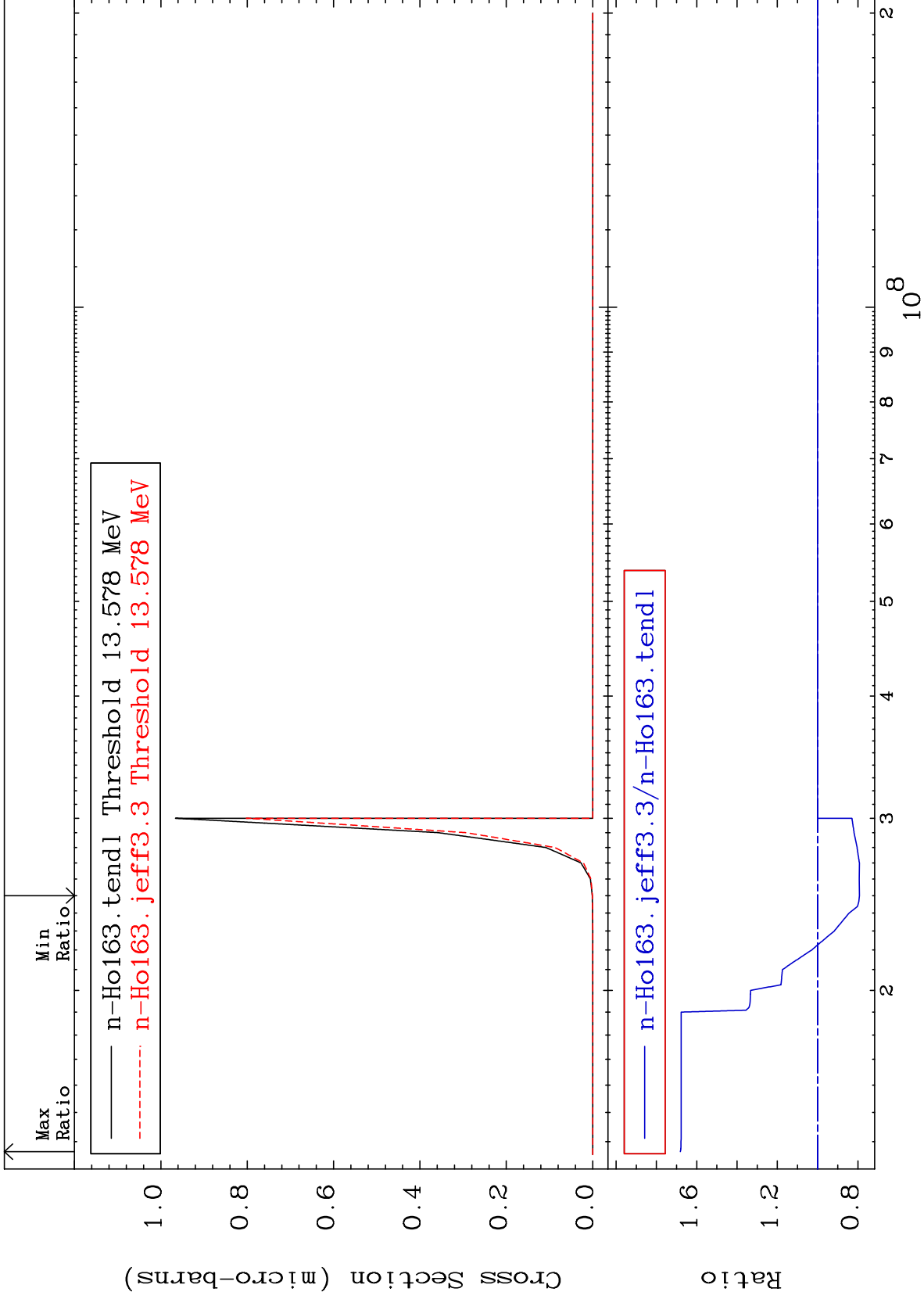
67-Ho-163
0.000 To 262.1 %



17

Incident Energy (MeV)

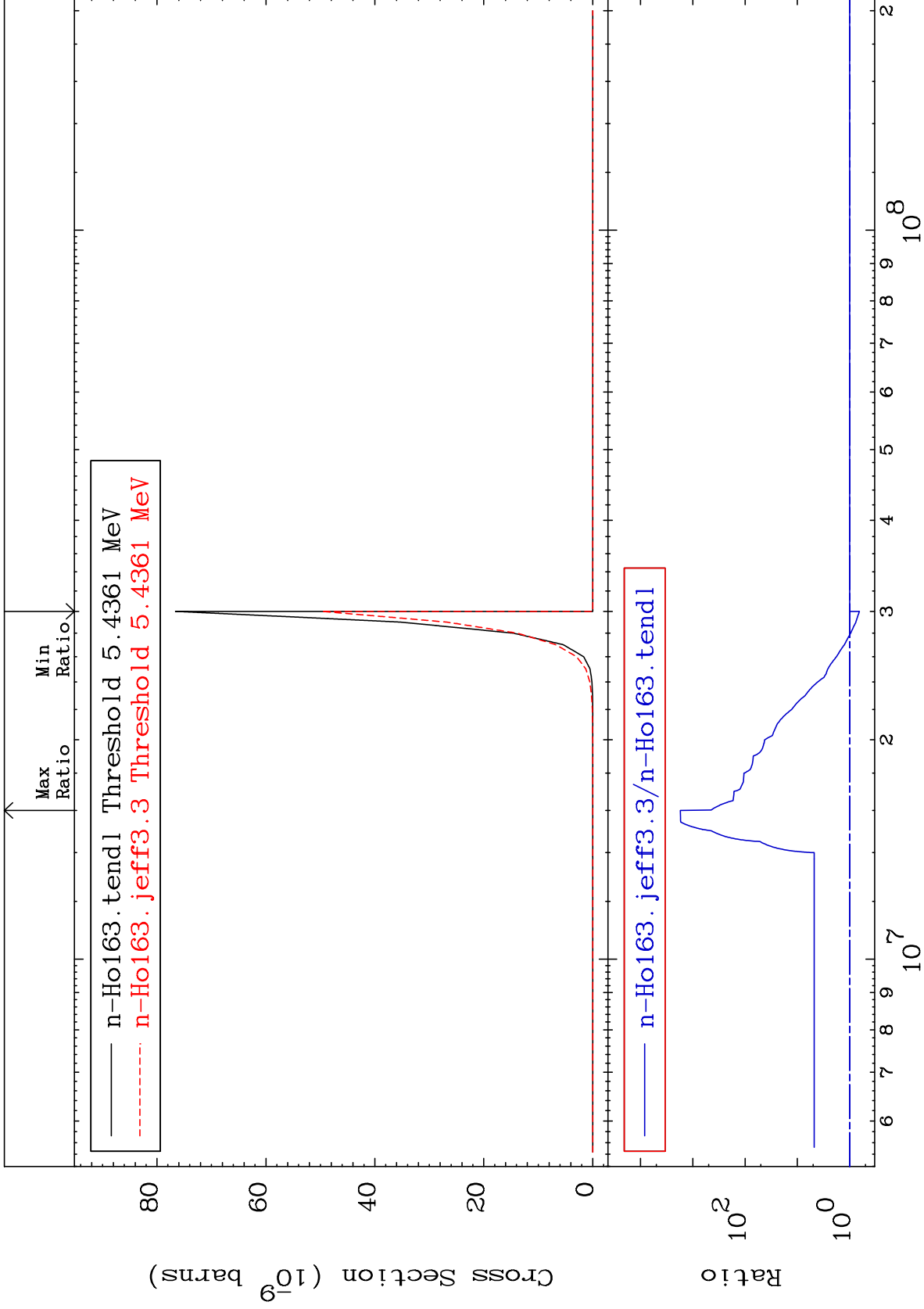
67-Ho-163



MAT 6719

(n,n') p α
Cross Section

67-Ho-163
-34.99 To 9999. %



19

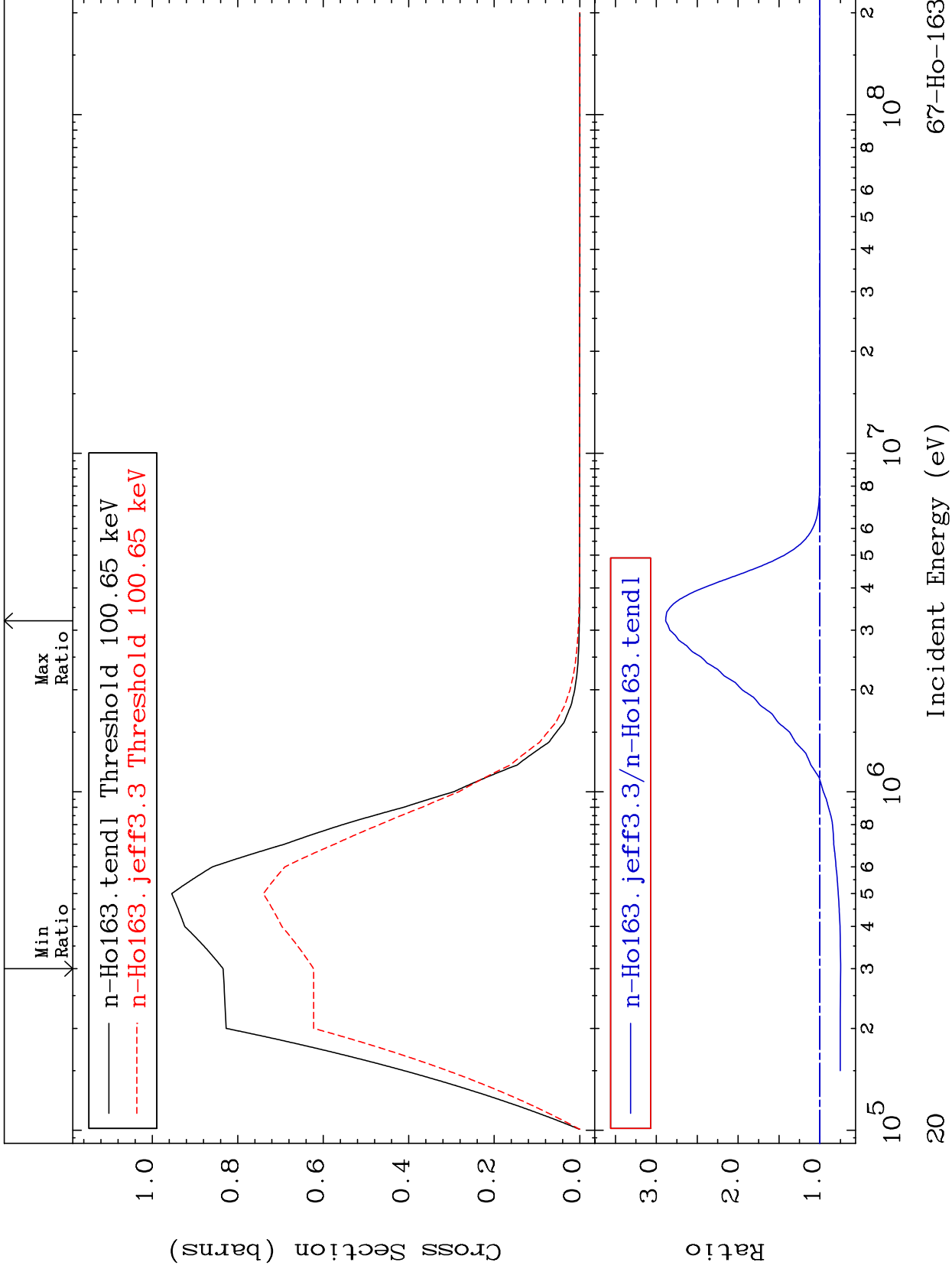
Incident Energy (eV)

67-Ho-163

MAT 6719

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

67-Ho-163
-25.36 To 188.8 %



20

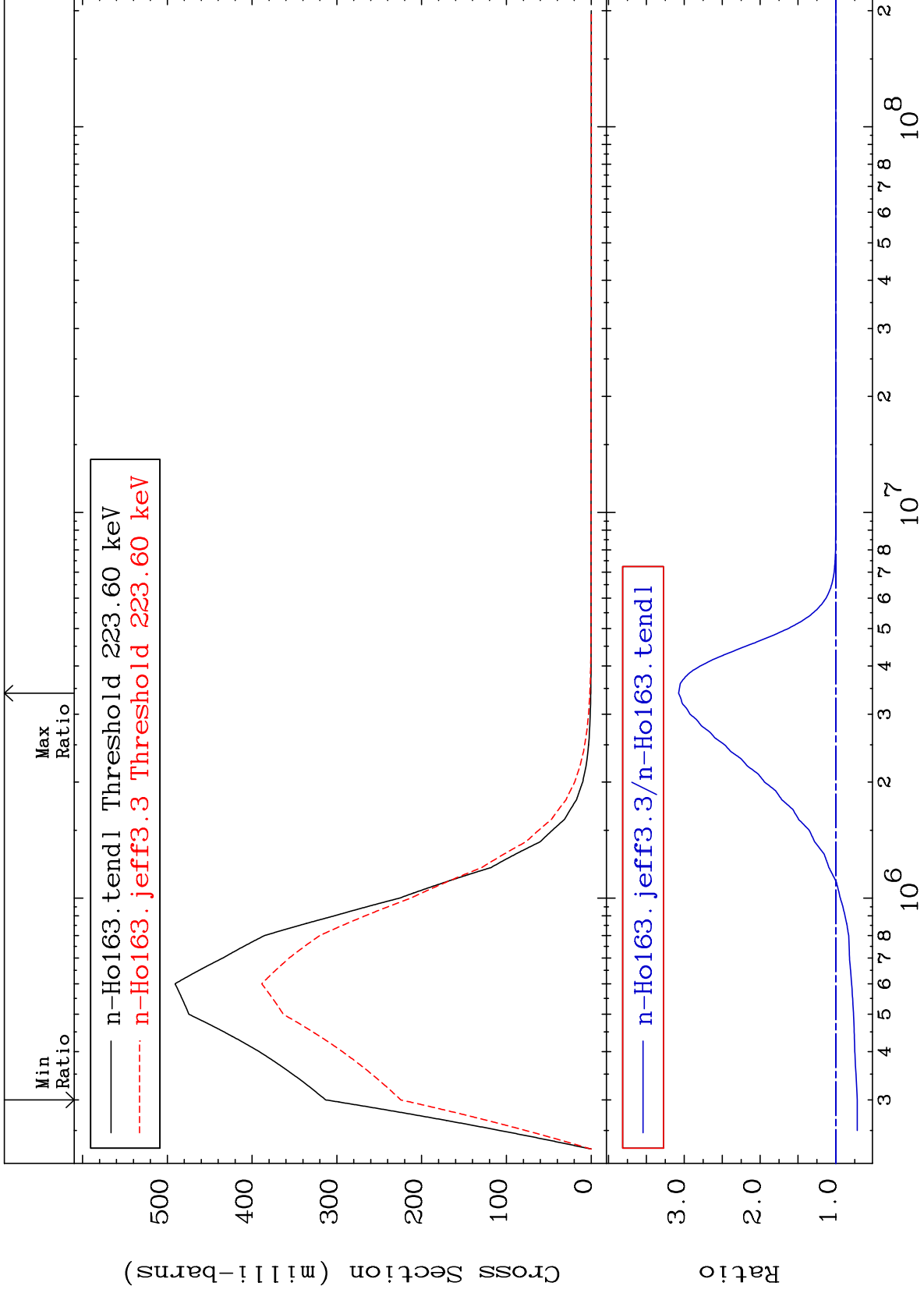
Incident Energy (eV)

67-Ho-163

MAT 6719

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

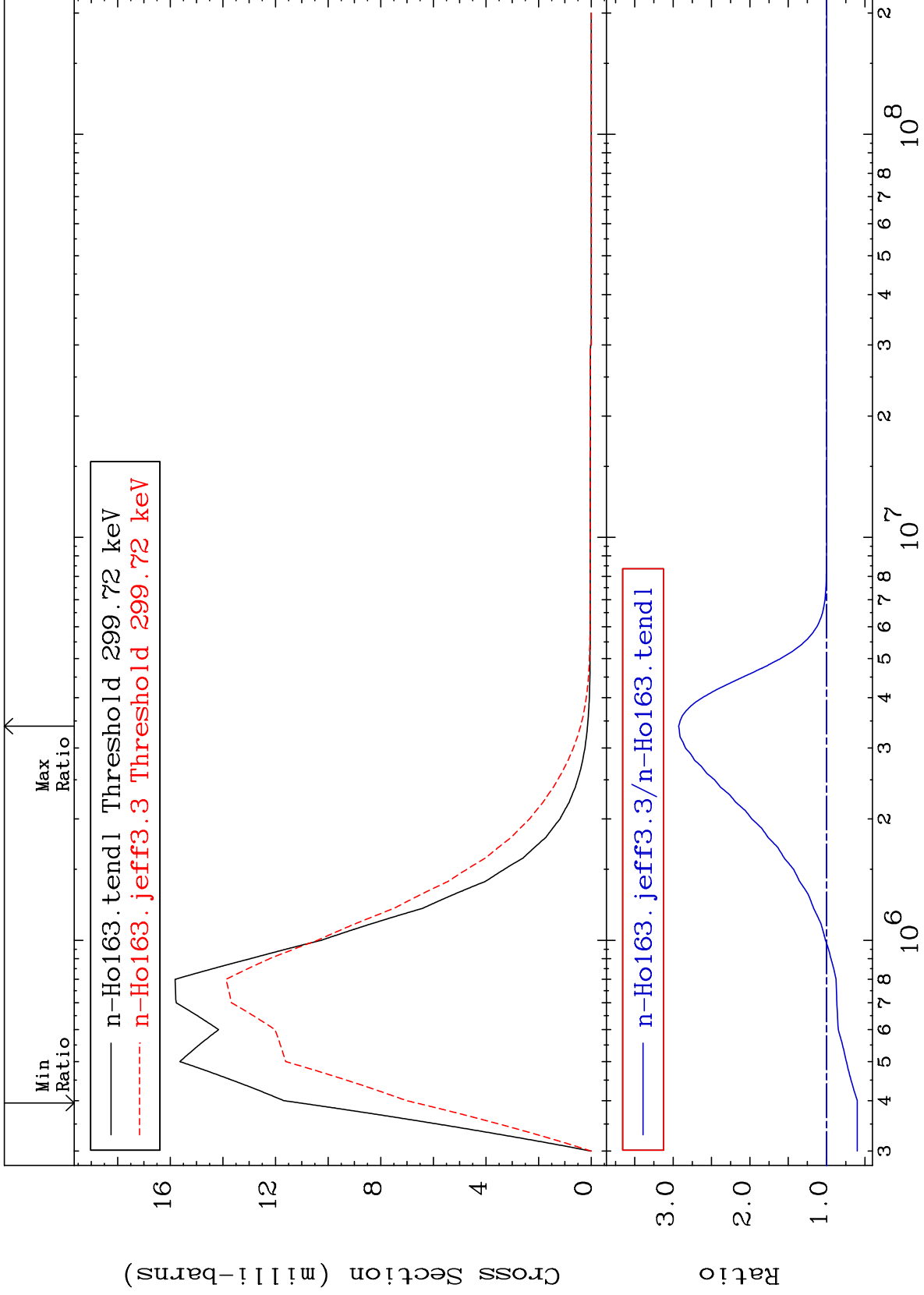
67-Ho-163
-28.29 To 207.5 %



MAT 6719

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

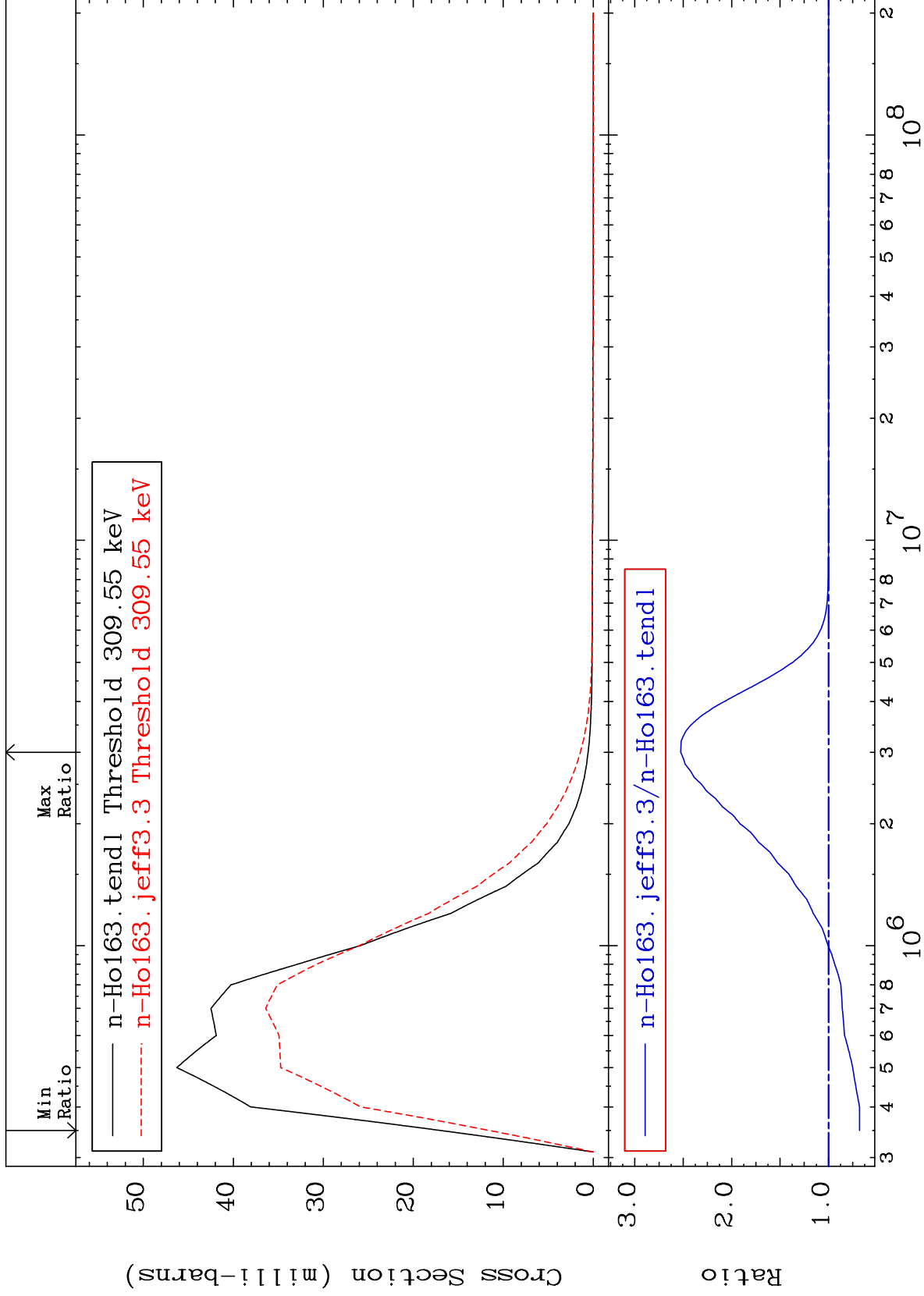
67-Ho-163
-39.94 To 192.8 %



MAT 6719

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

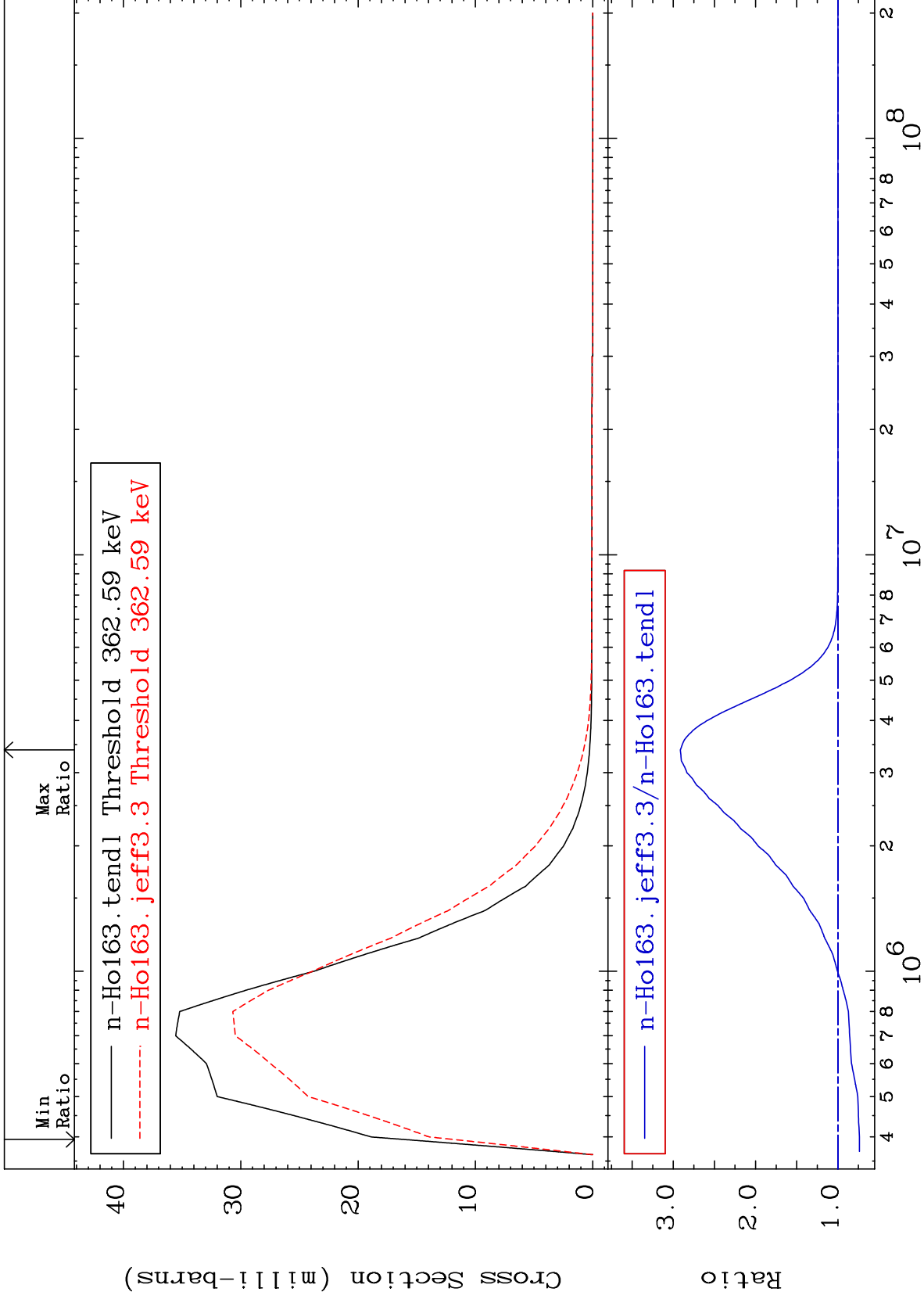
67-Ho-163
-32.10 To 152.5 %



MAT 6719

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

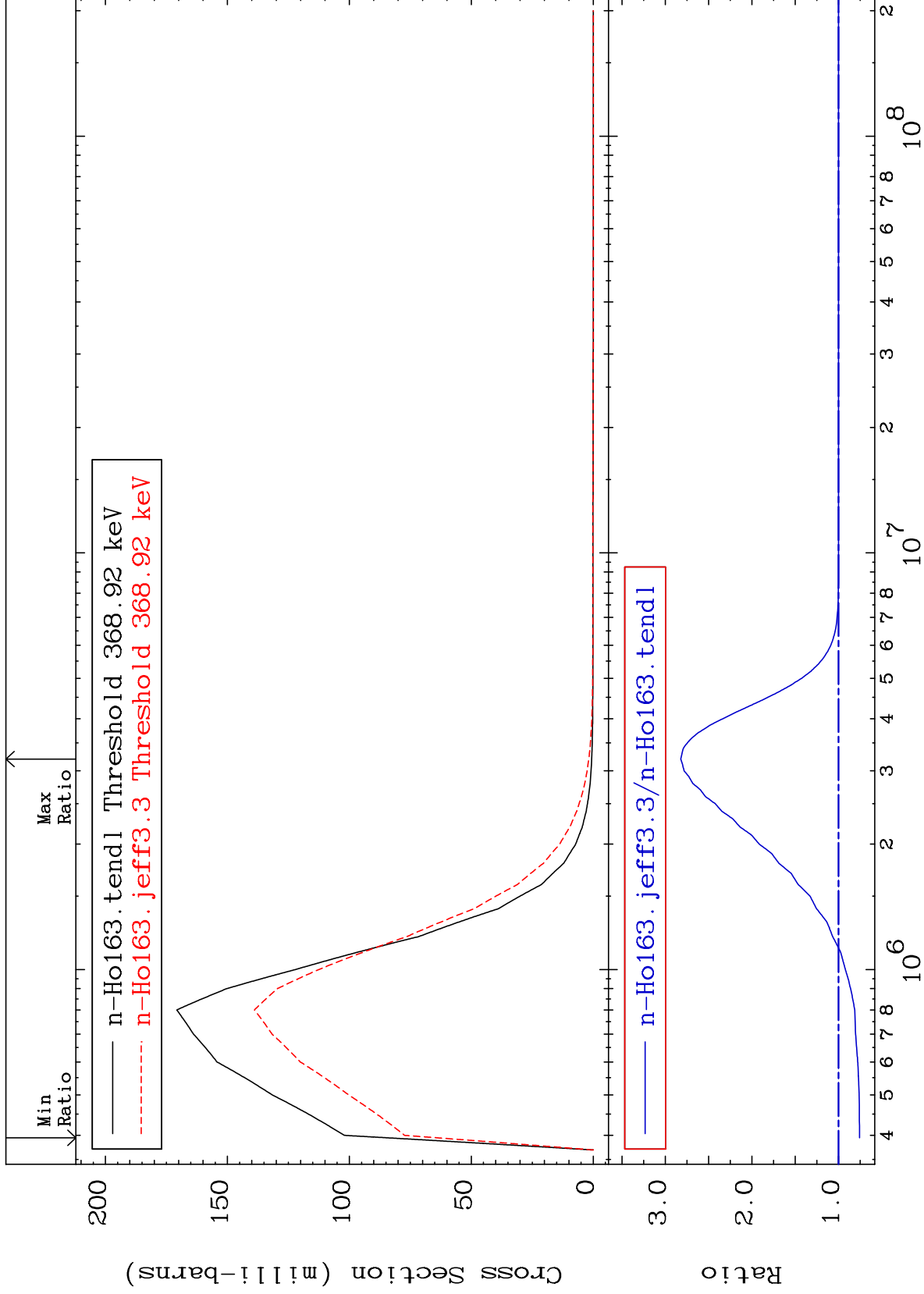
67-Ho-163
-26.20 To 191.4 %



MAT 6719

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

67-Ho-163
-24.21 To 182.1 %



25

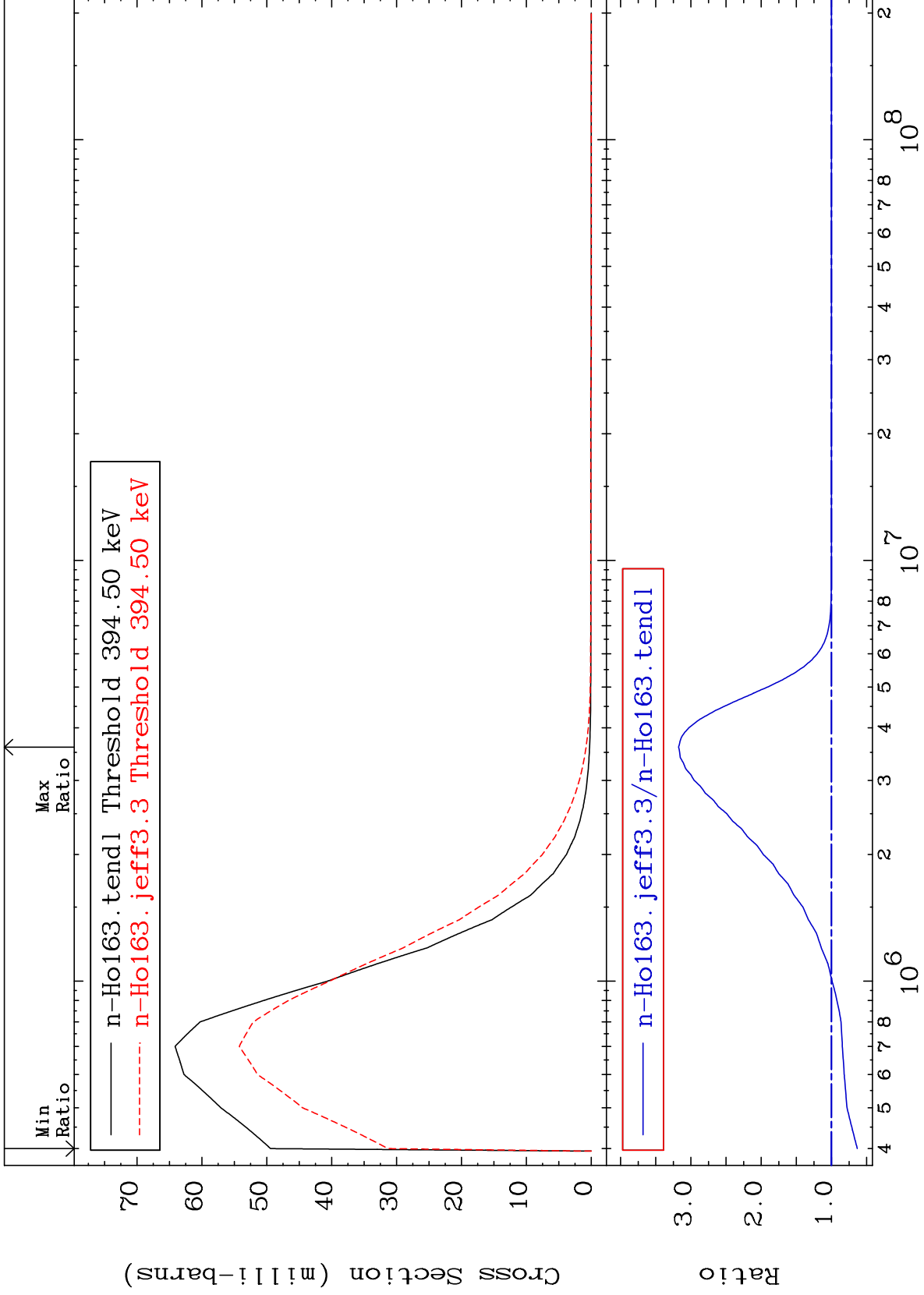
Incident Energy (eV)

67-Ho-163

MAT 6719

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

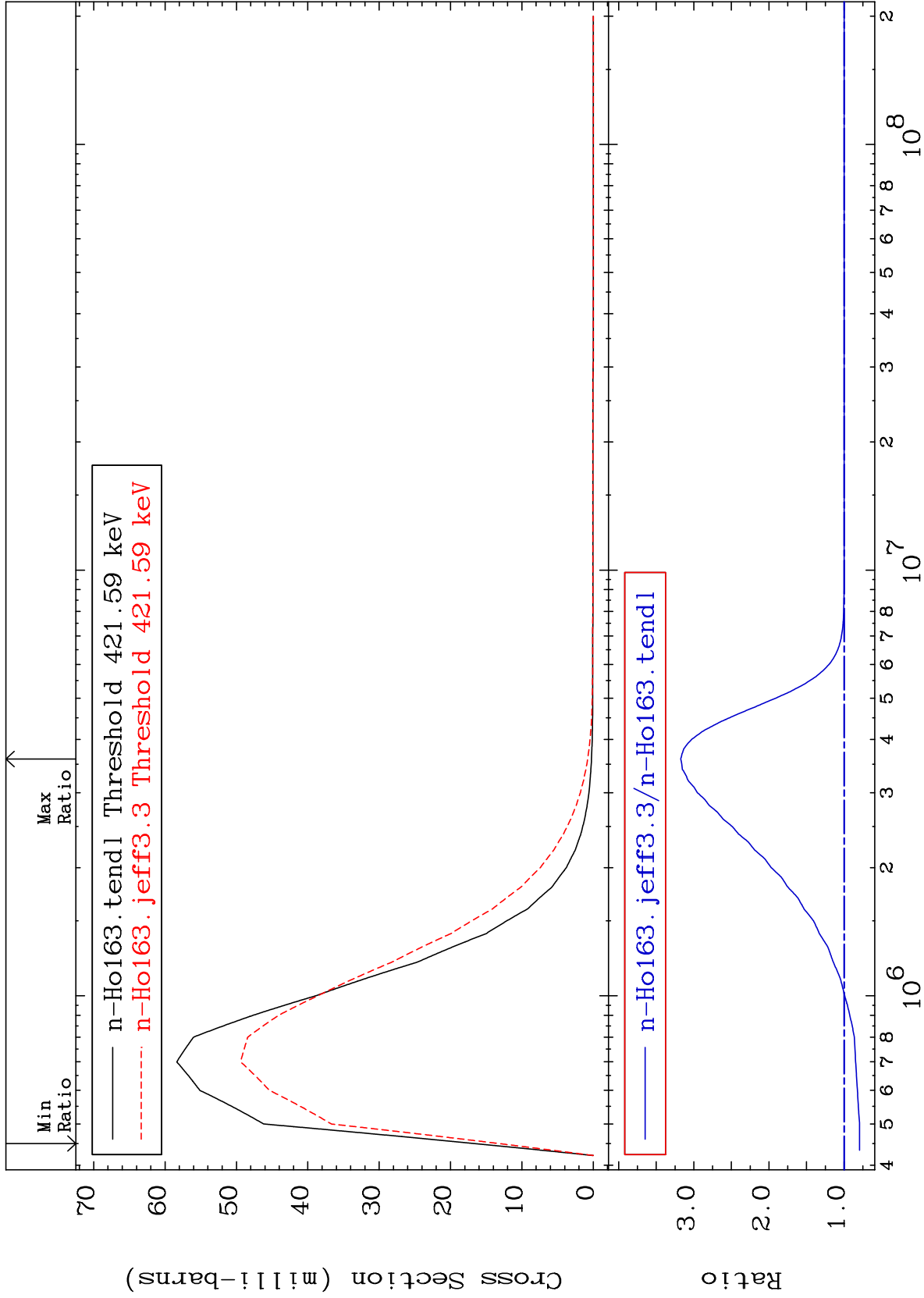
67-Ho-163
-36.61 To 217.4 %



MAT 6719

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

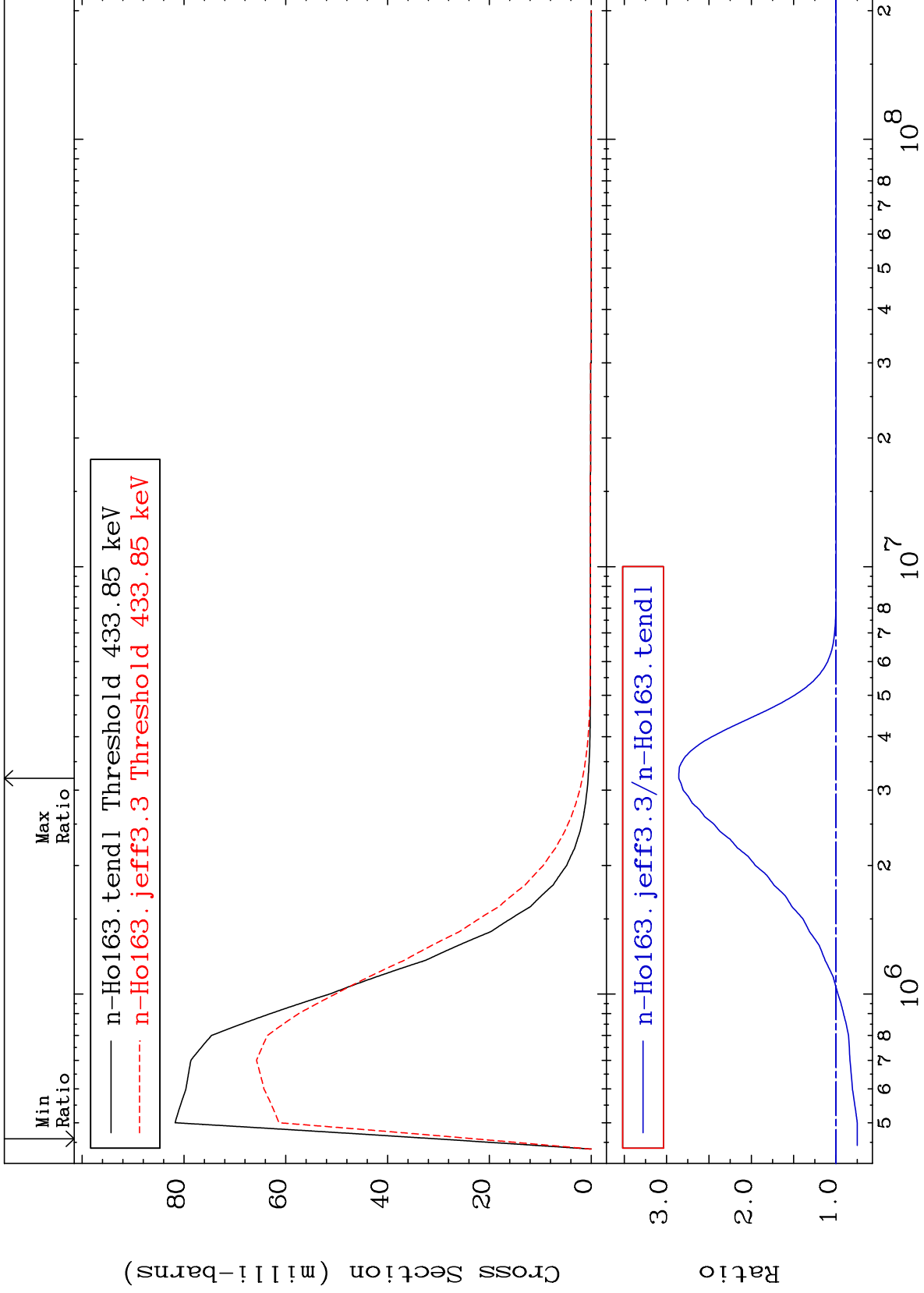
67-Ho-163
-20.52 To 217.4 %



MAT 6719

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

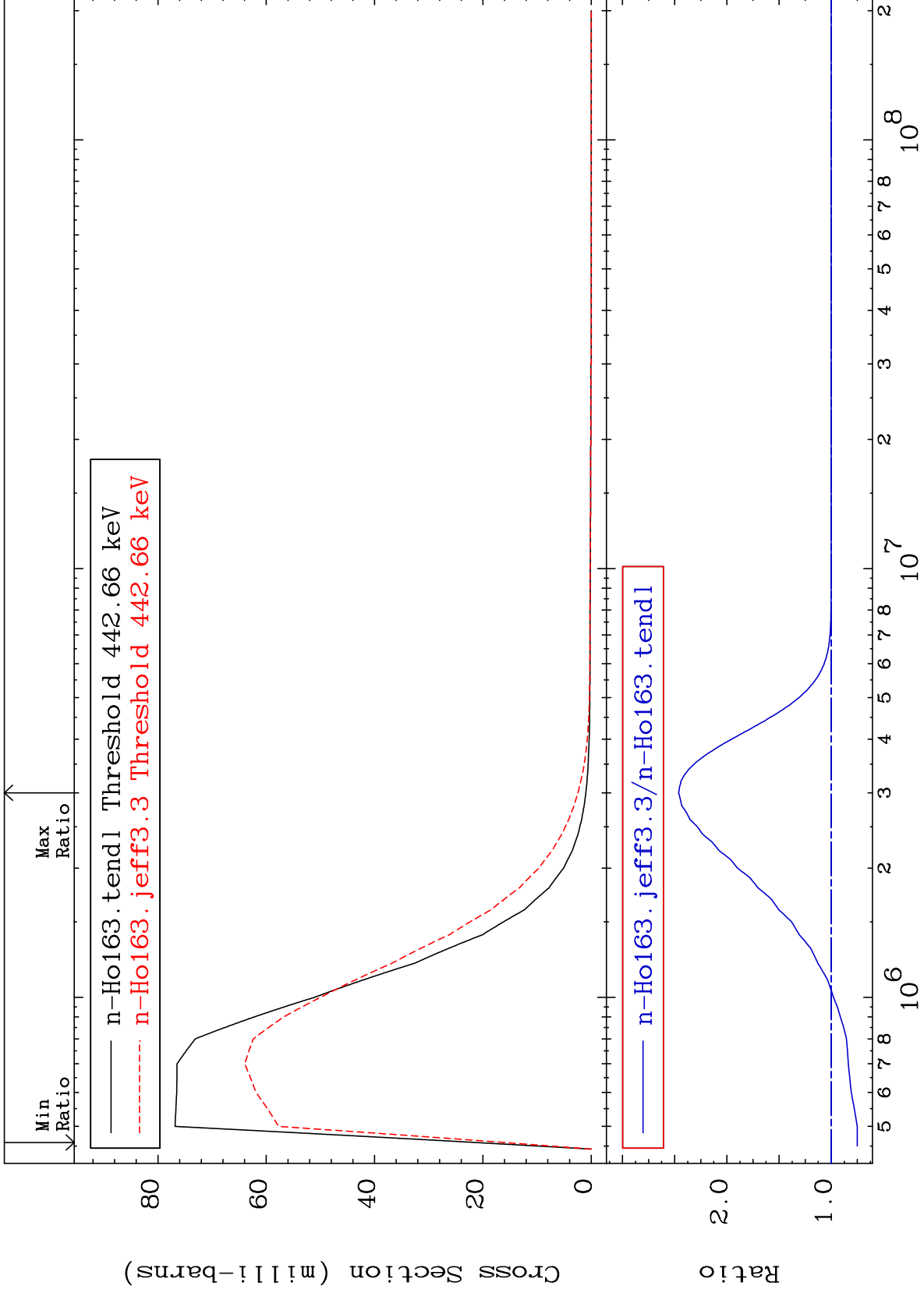
67-Ho-163
-25.00 To 185.8 %



MAT 6719

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

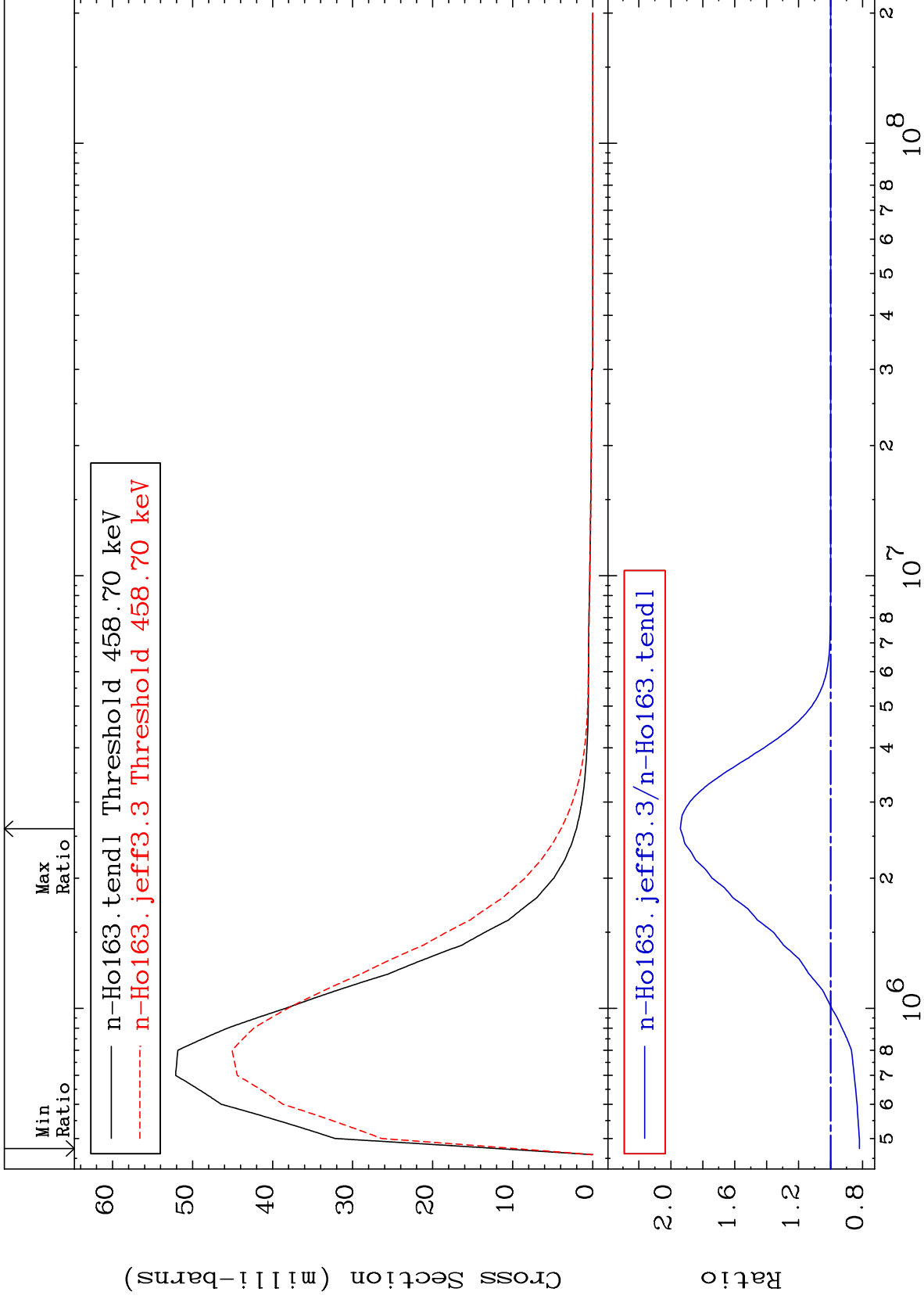
67-Ho-163
-24.92 To 146.2 %



MAT 6719

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

67-Ho-163
-18.06 To 94.05 %



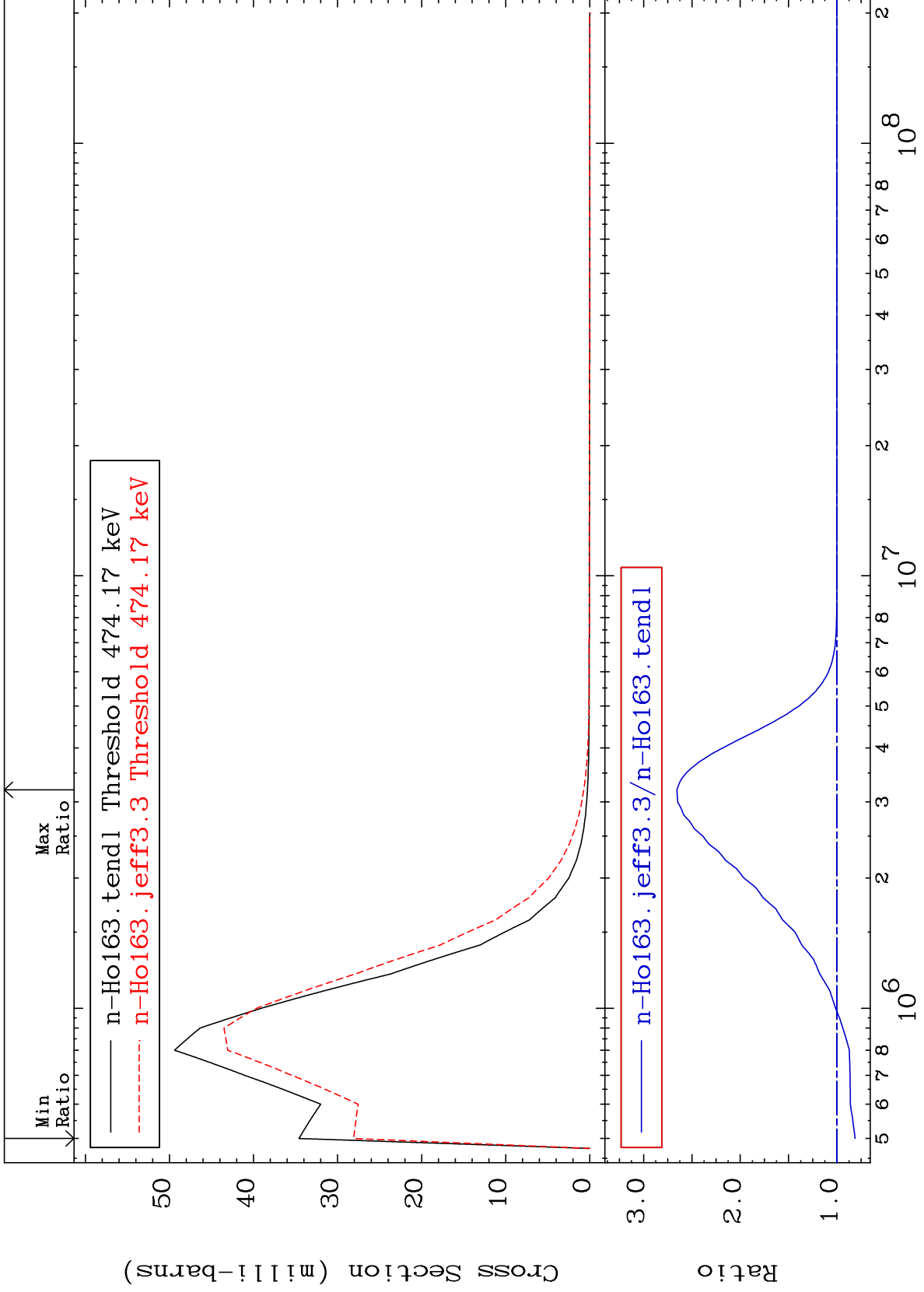
30

67-Ho-163

MAT 6719

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

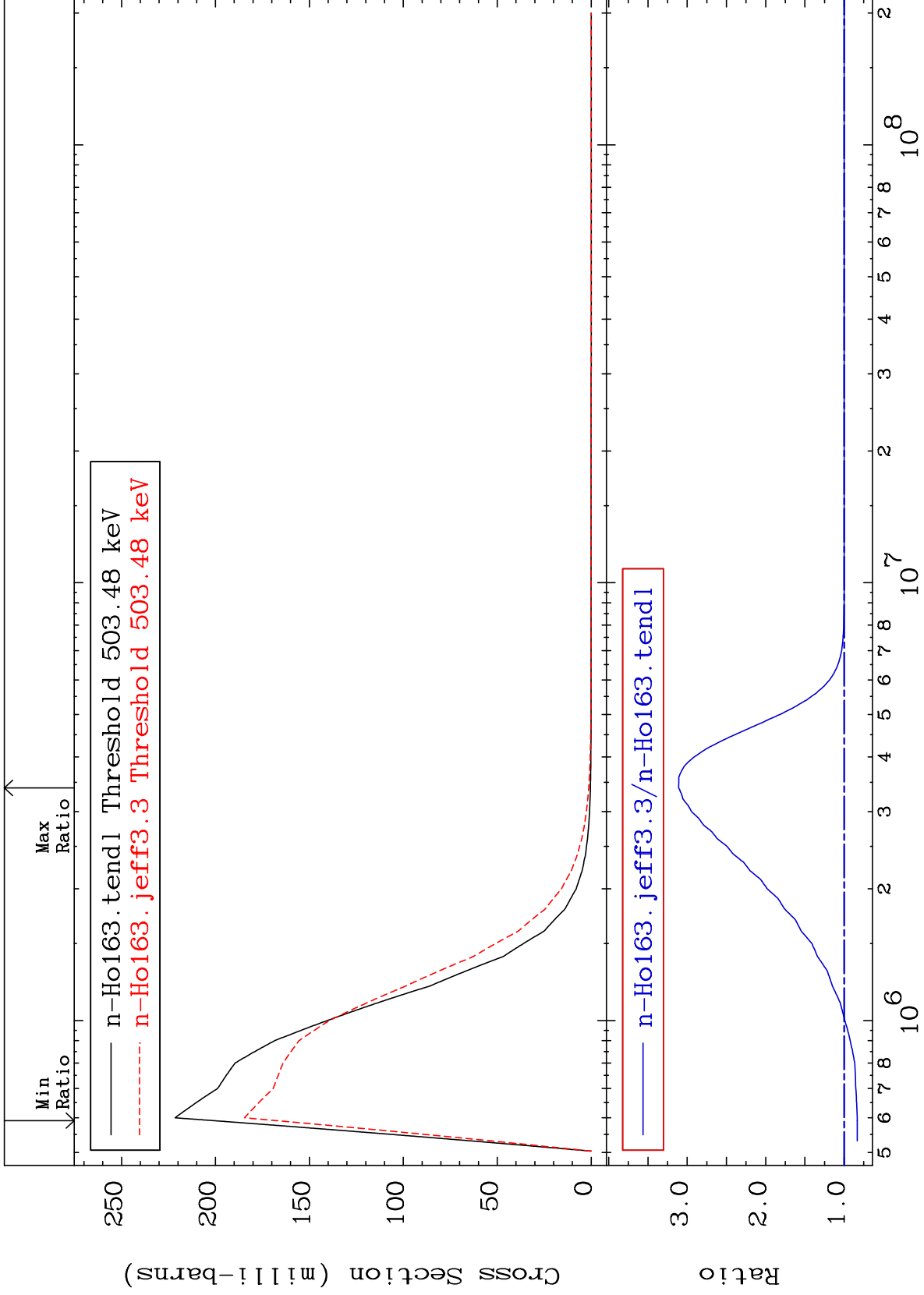
67-Ho-163
-18.81 To 165.5 %

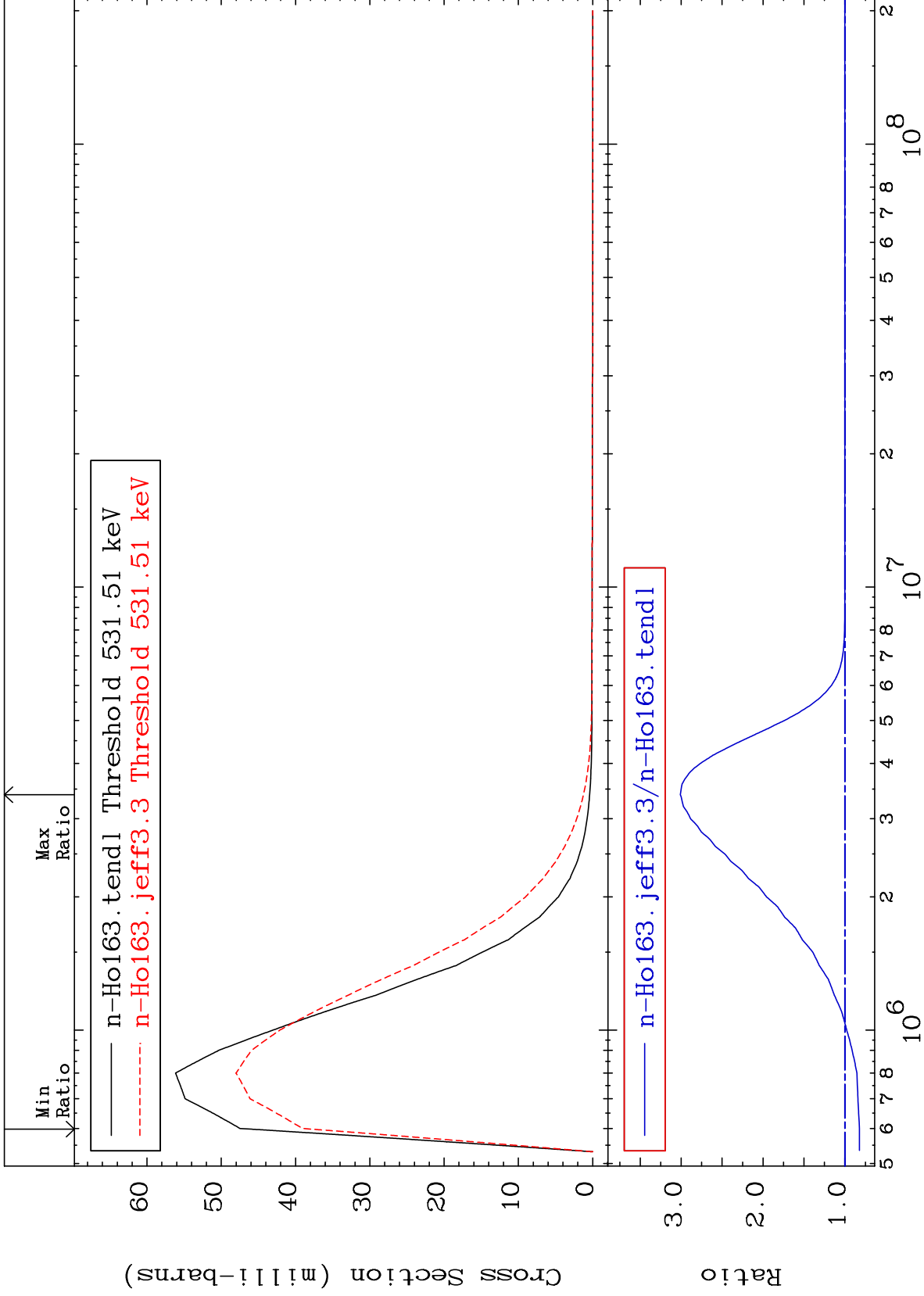


MAT 6719

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

67-Ho-163
-16.69 To 210.9 %

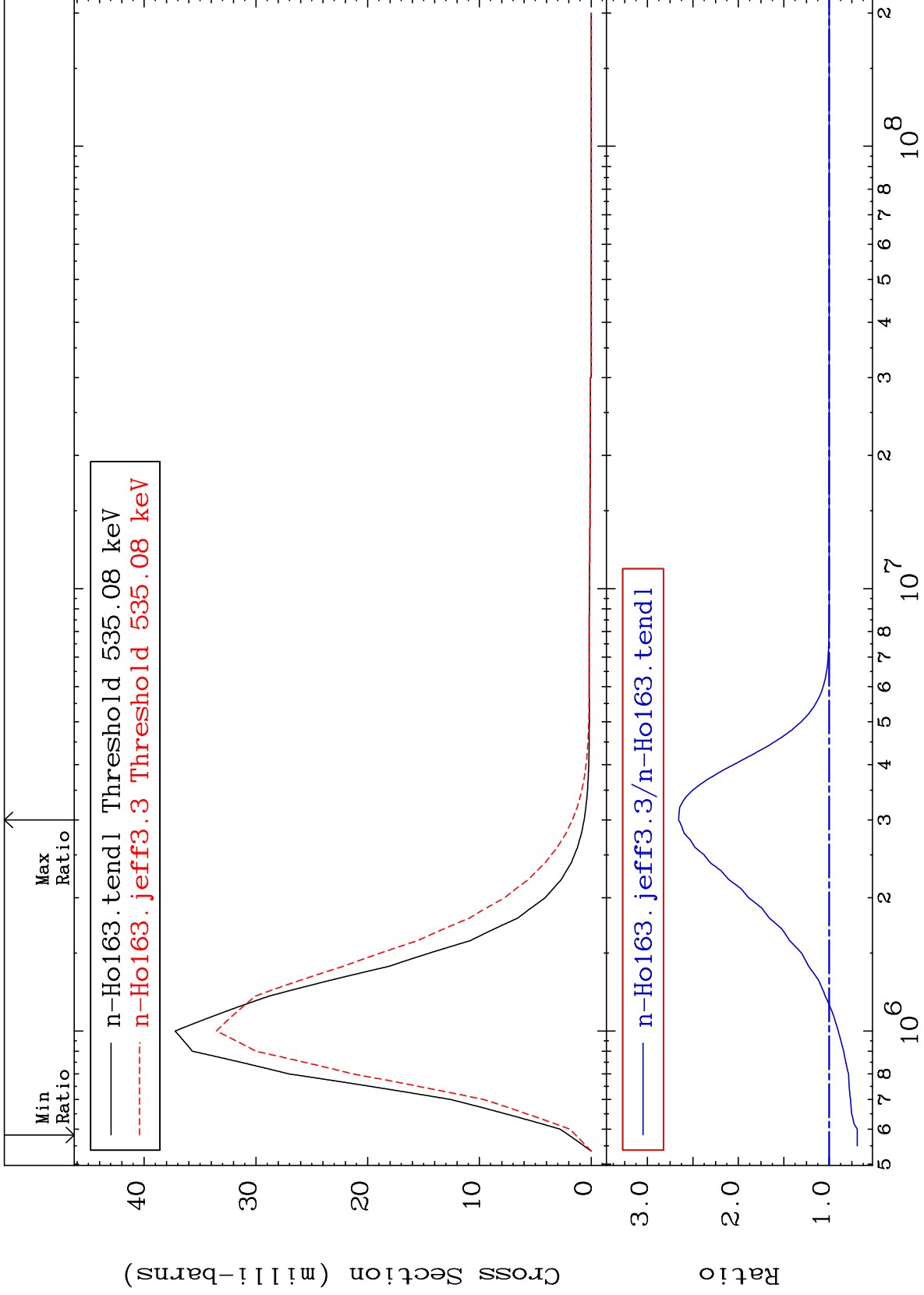




MAT 6719

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

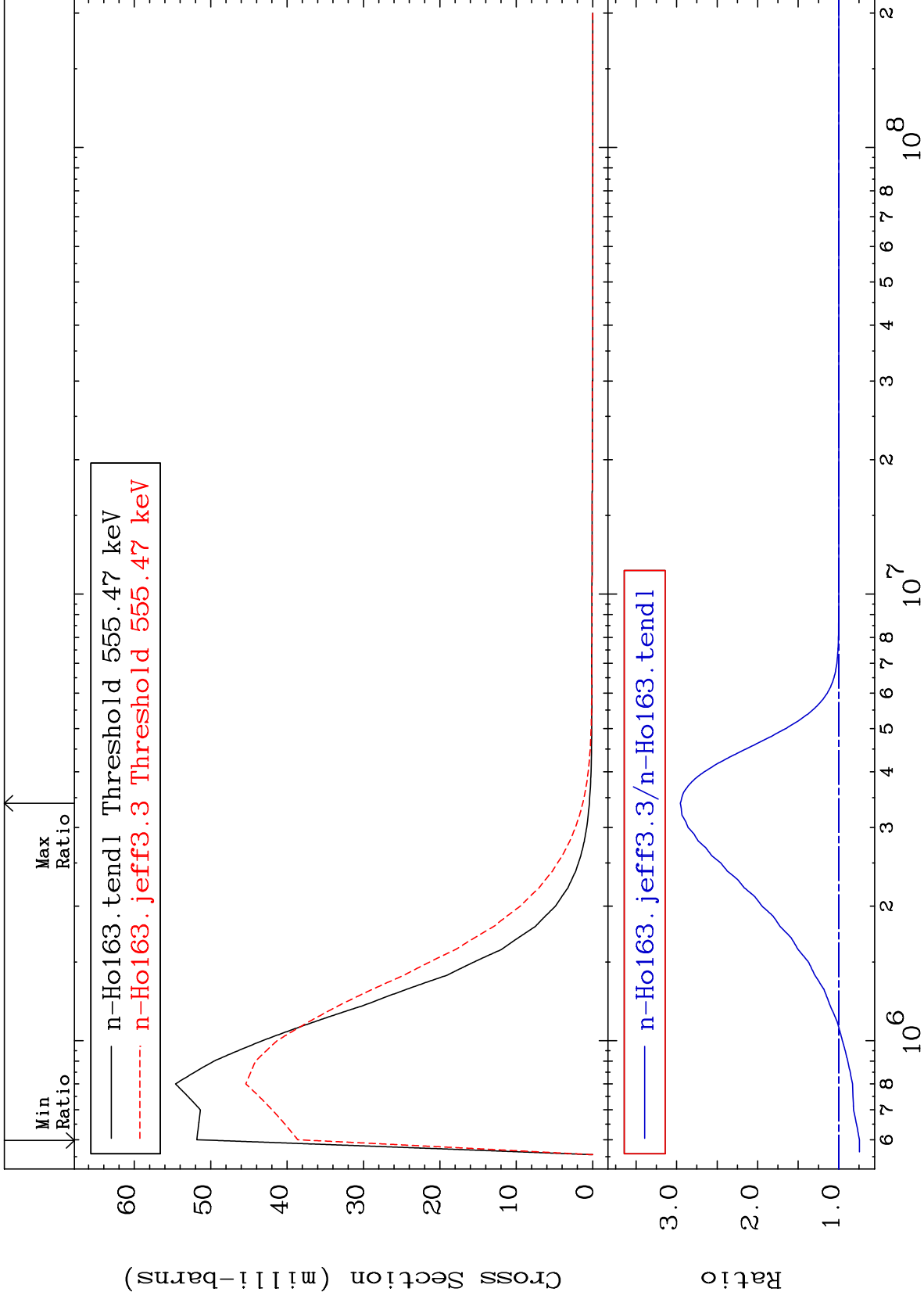
67-Ho-163
-30.86 To 165.6 %



MAT 6719

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

67-Ho-163
-25.47 To 195.3 %



35

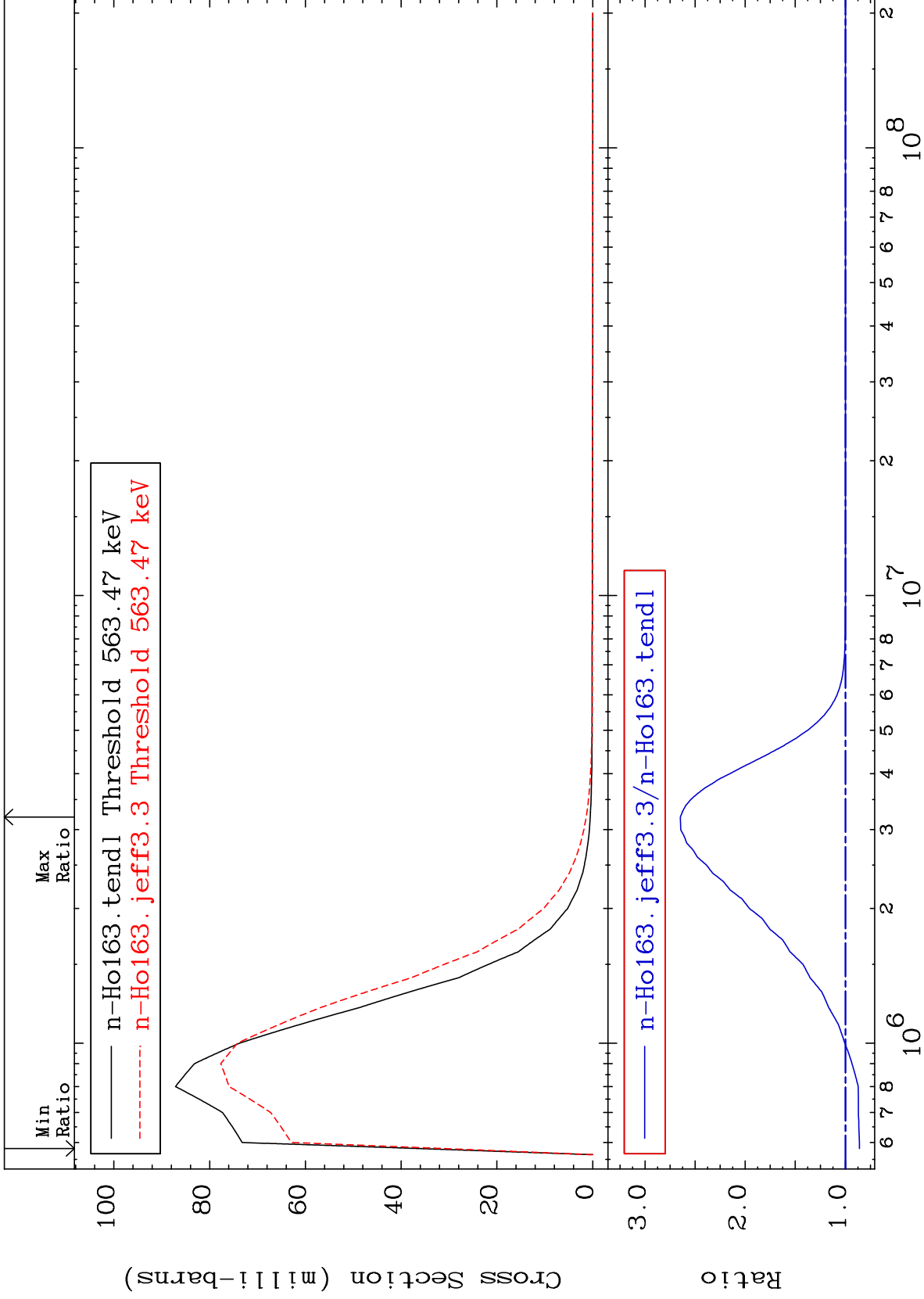
Incident Energy (eV)

67-Ho-163

MAT 6719

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

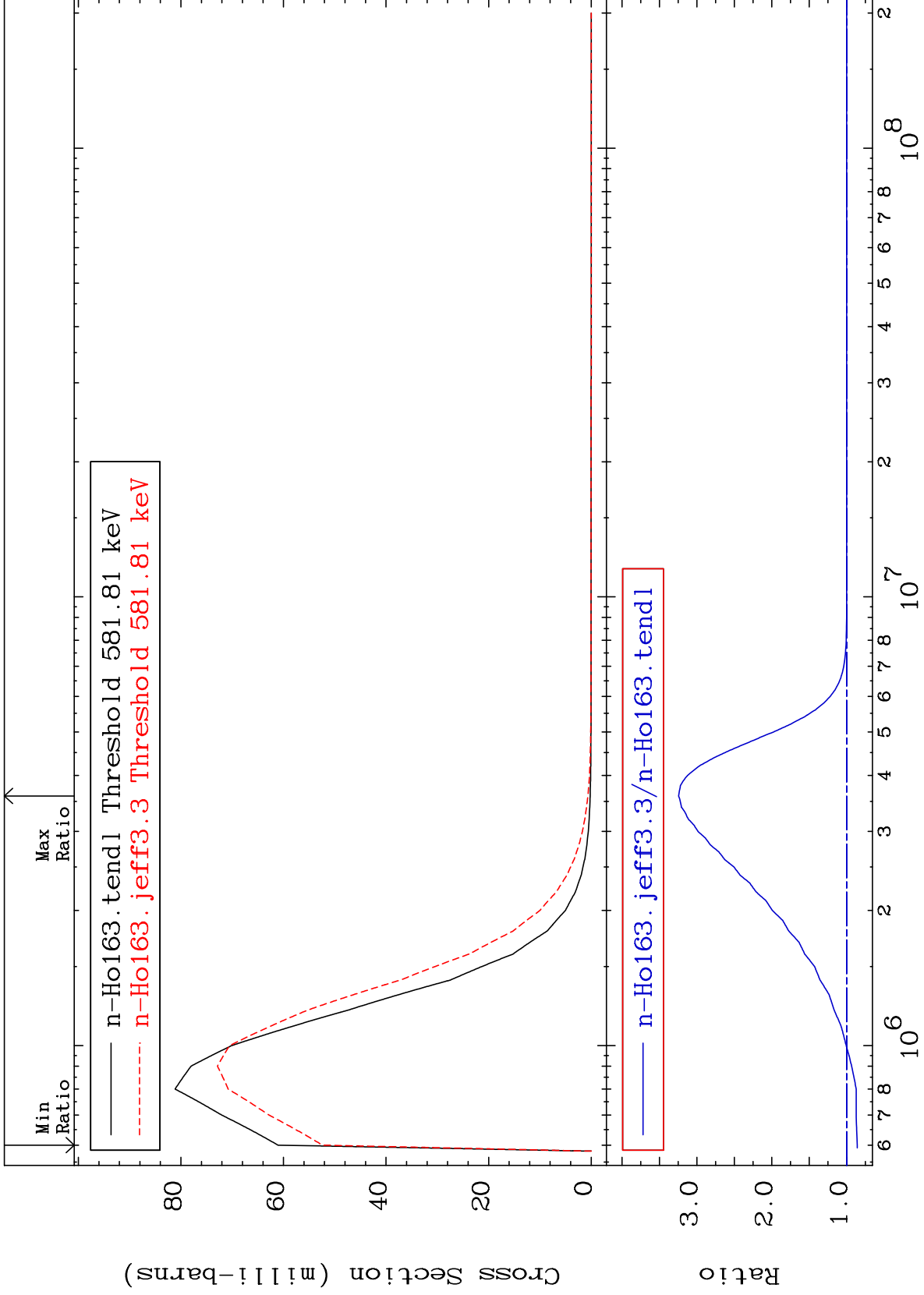
67-Ho-163
-14.03 To 164.8 %



MAT 6719

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

67-Ho-163
-14.17 To 224.3 %



37

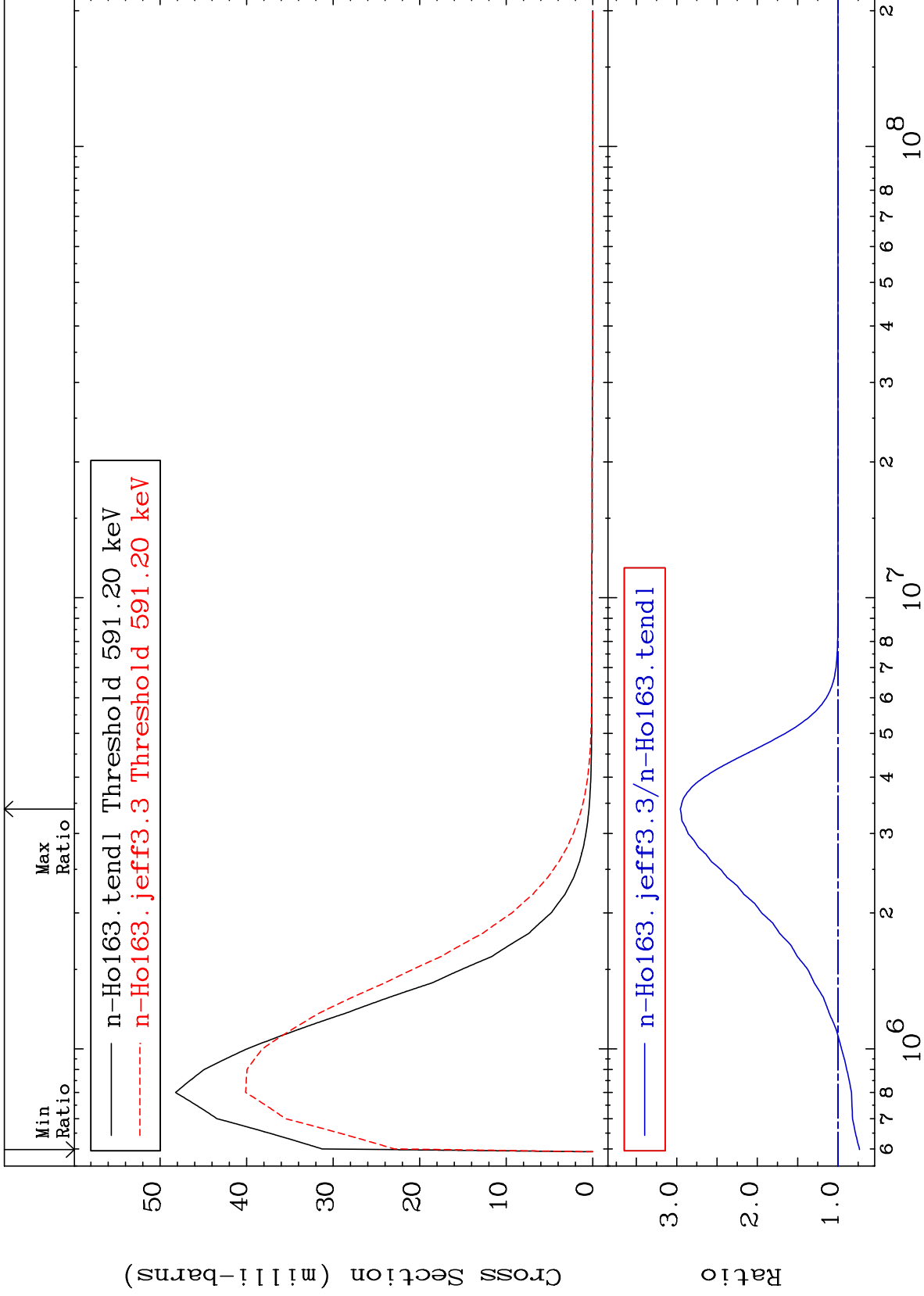
Incident Energy (eV)

67-Ho-163

MAT 6719

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

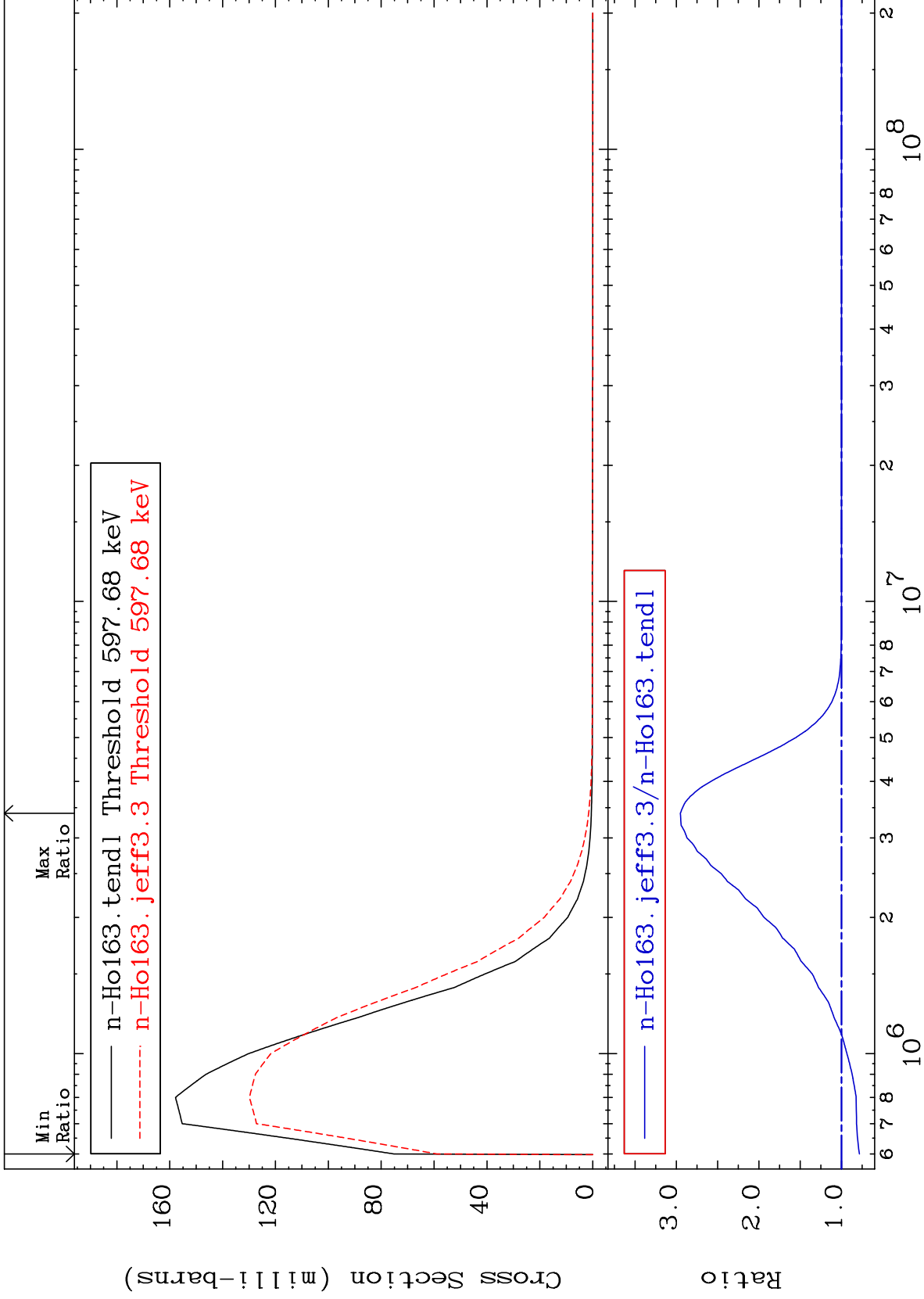
67-Ho-163
-26.68 To 195.5 %



MAT 6719

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

67-Ho-163
-21.66 To 195.2 %



39

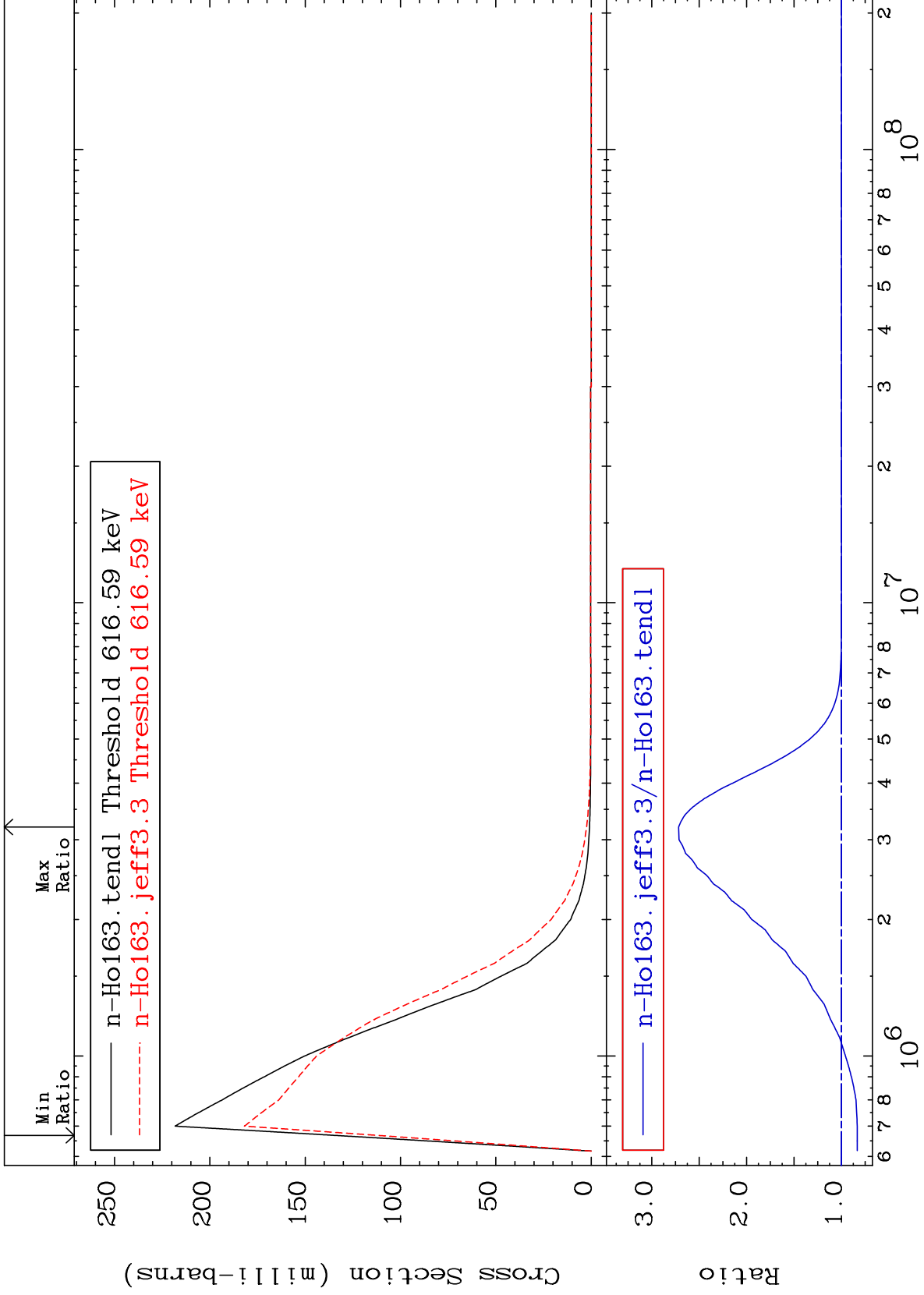
Incident Energy (eV)

67-Ho-163

MAT 6719

MT= 71 (n,n') Level
Cross Section

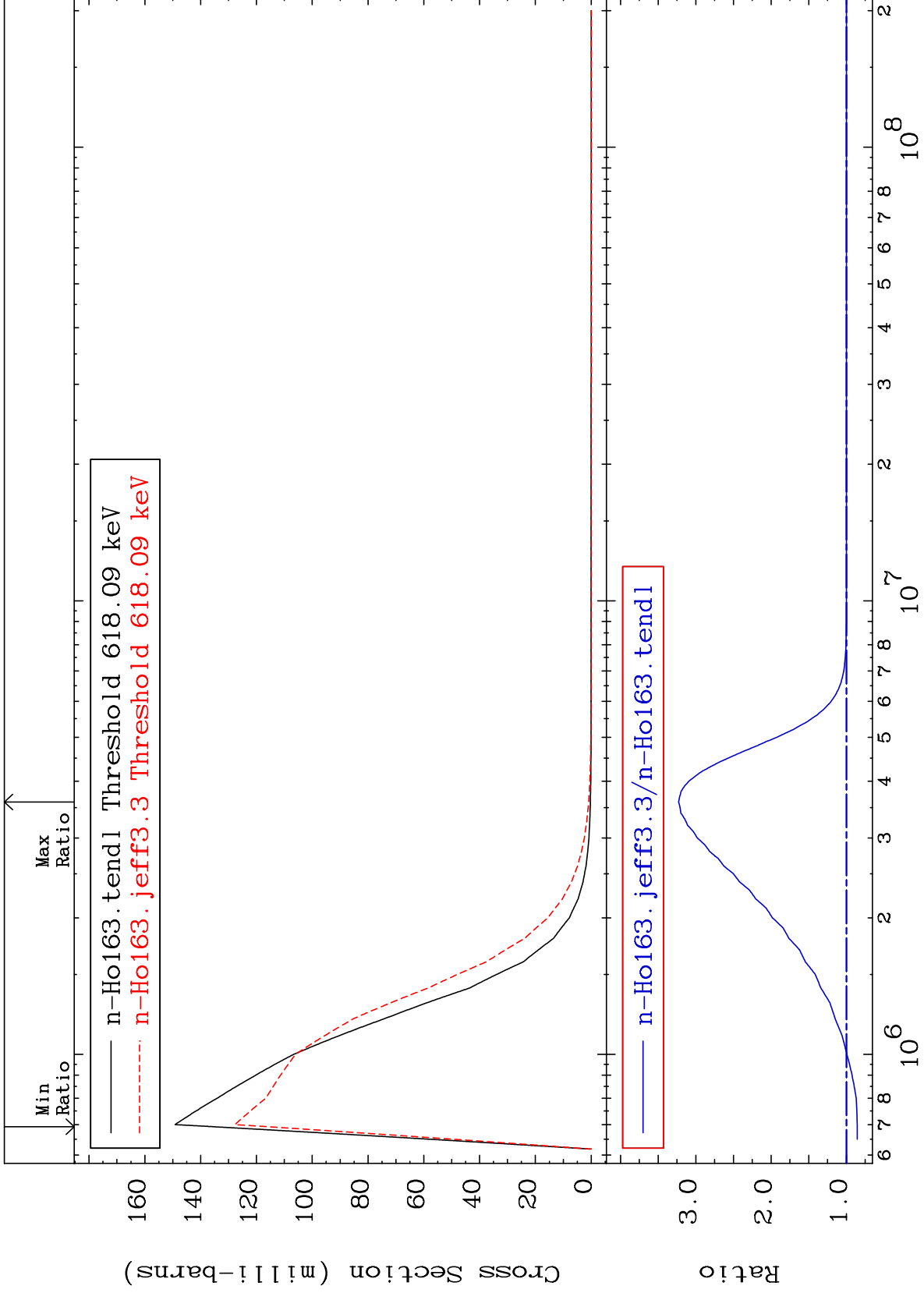
67-Ho-163
-16.68 To 171.7 %



MAT 6719

MT= 72 (n,n') Level
Cross Section

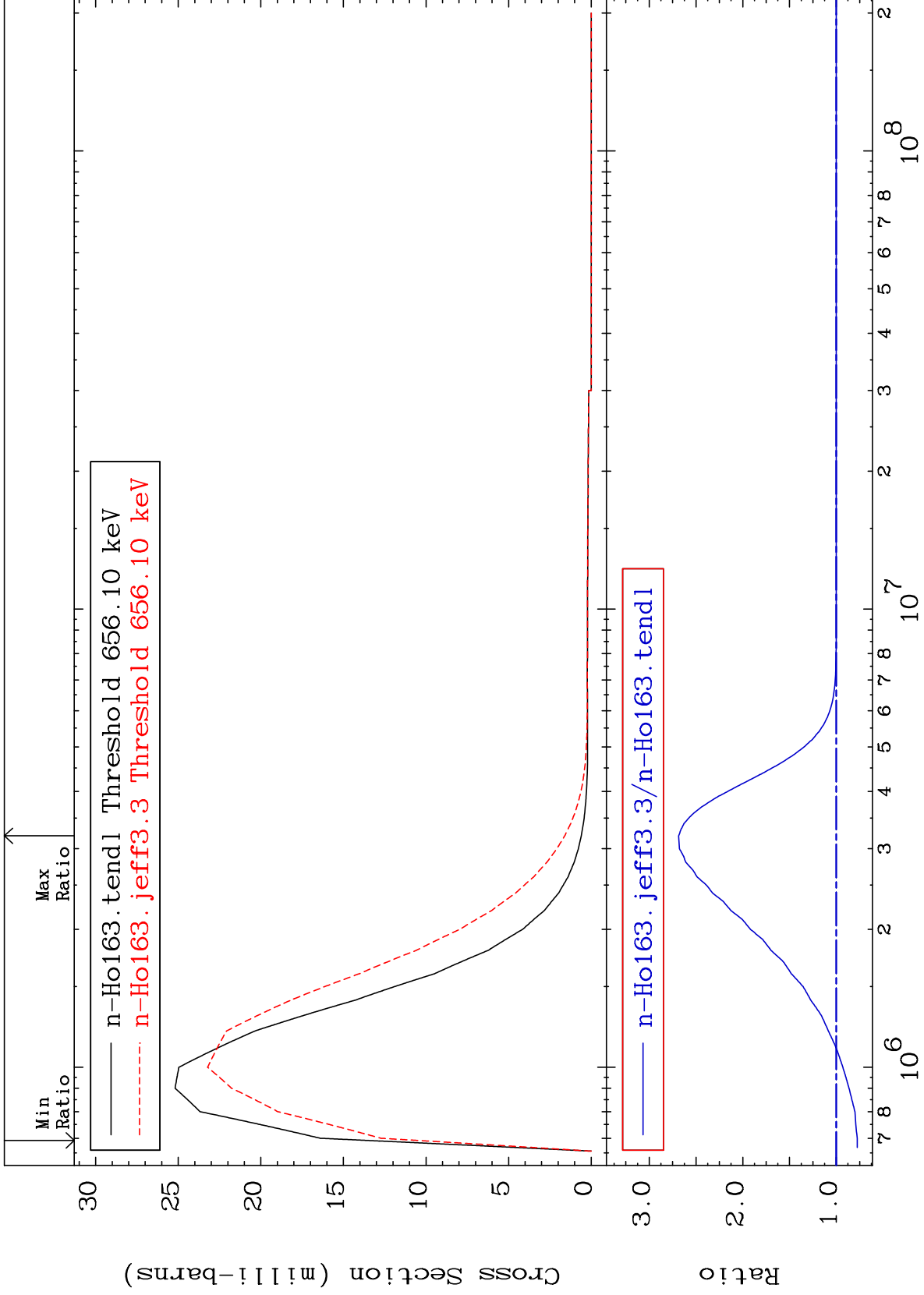
67-Ho-163
-14.40 To 222.8 %



MAT 6719

MT= 73 (n,n') Level
Cross Section

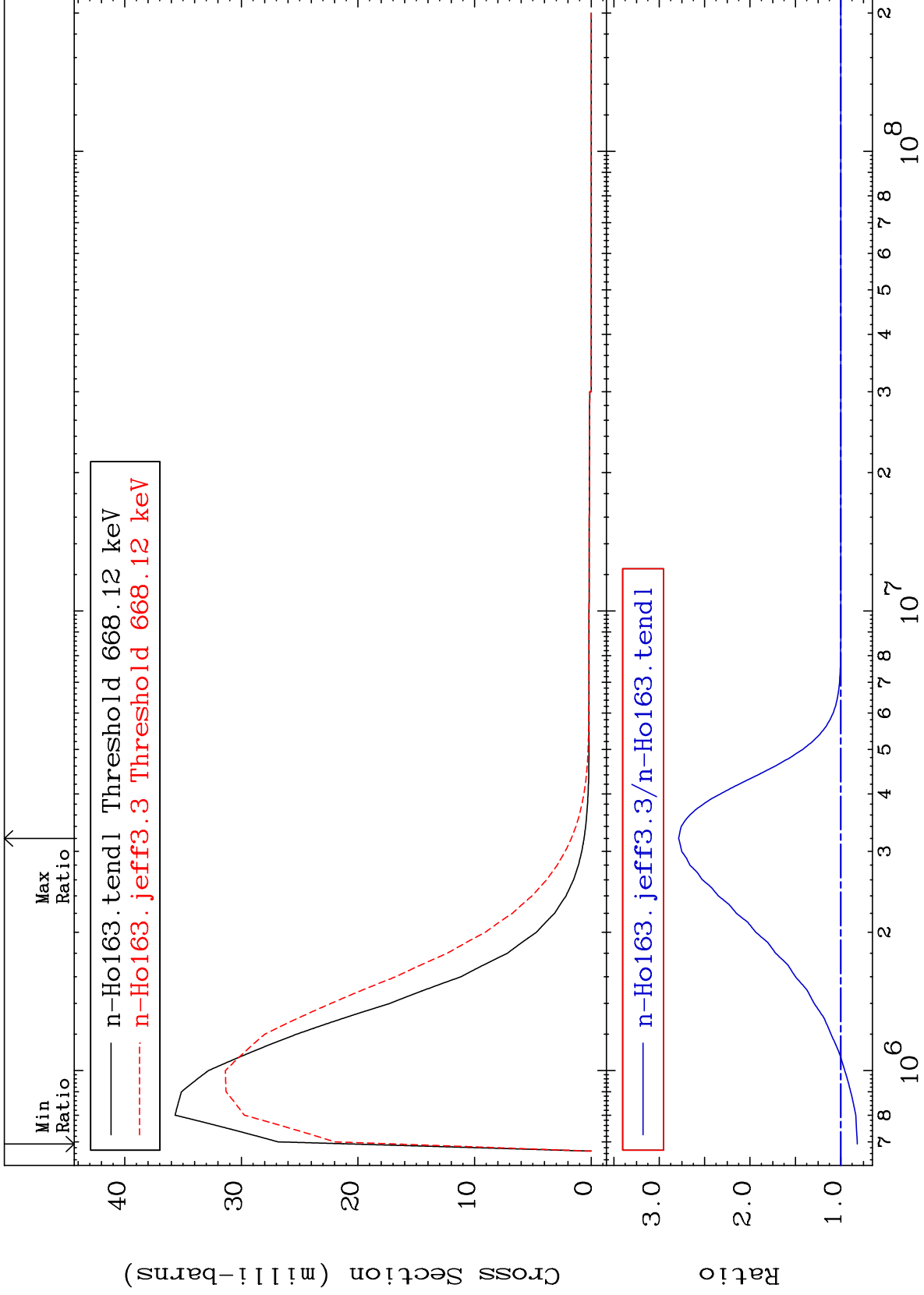
67-Ho-163
-22.40 To 168.6 %



MAT 6719

MT= 74 (n,n') Level
Cross Section

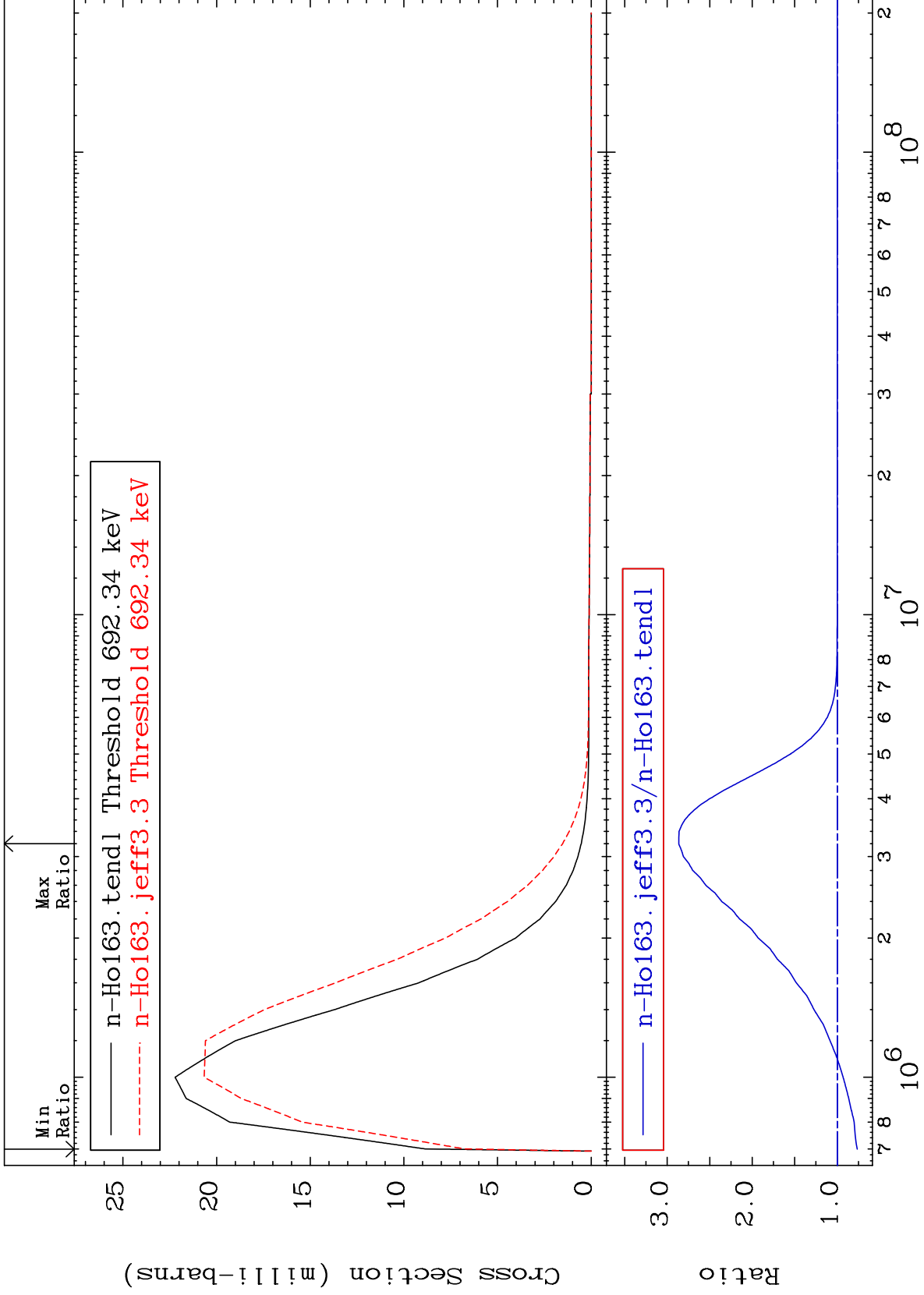
67-Ho-163
-18.13 To 178.7 %



MAT 6719

MT= 75 (n,n') Level
Cross Section

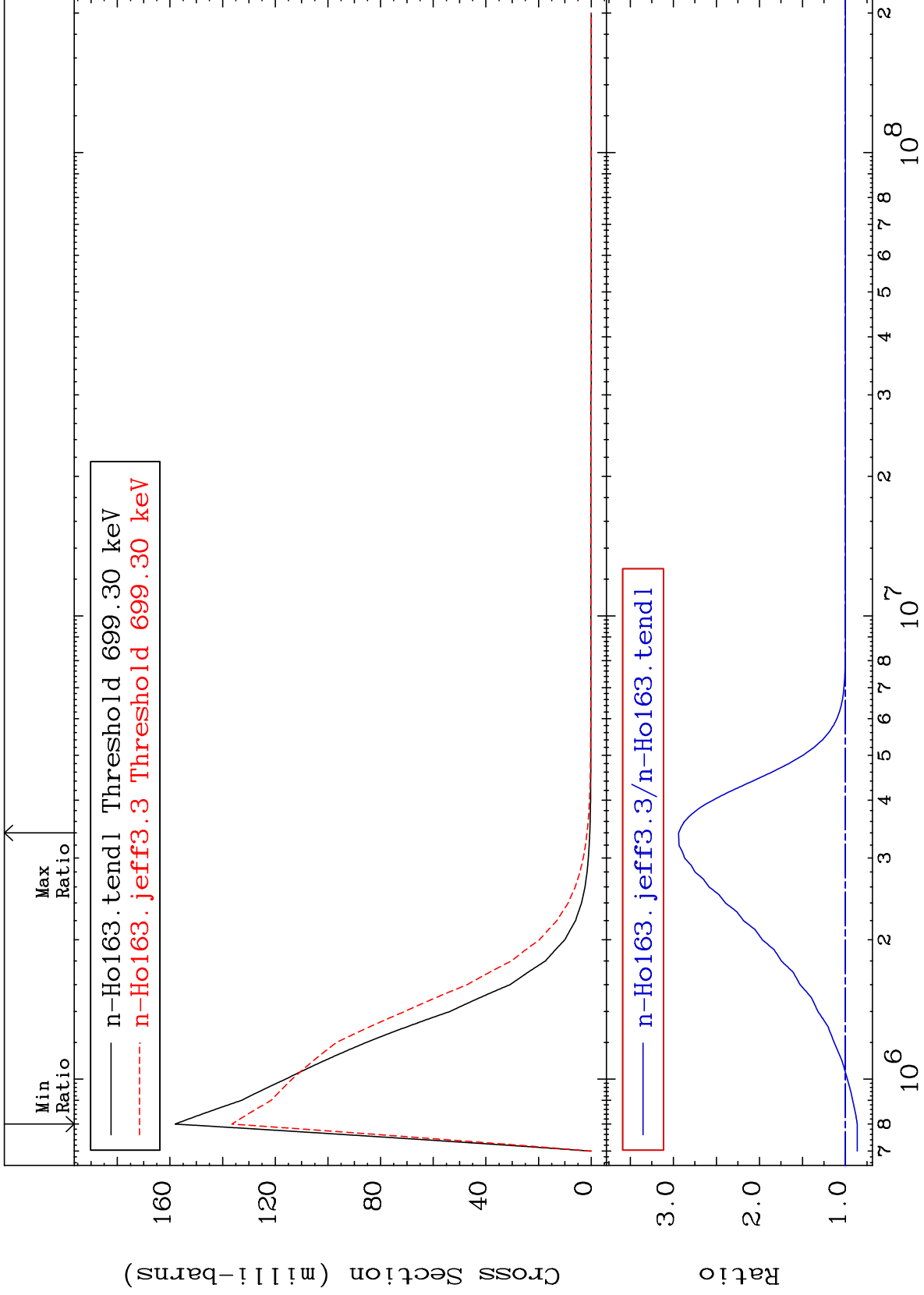
67-Ho-163
-23.59 To 186.6 %



MAT 6719

MT= 76 (n,n') Level
Cross Section

67-Ho-163
-13.67 To 193.9 %



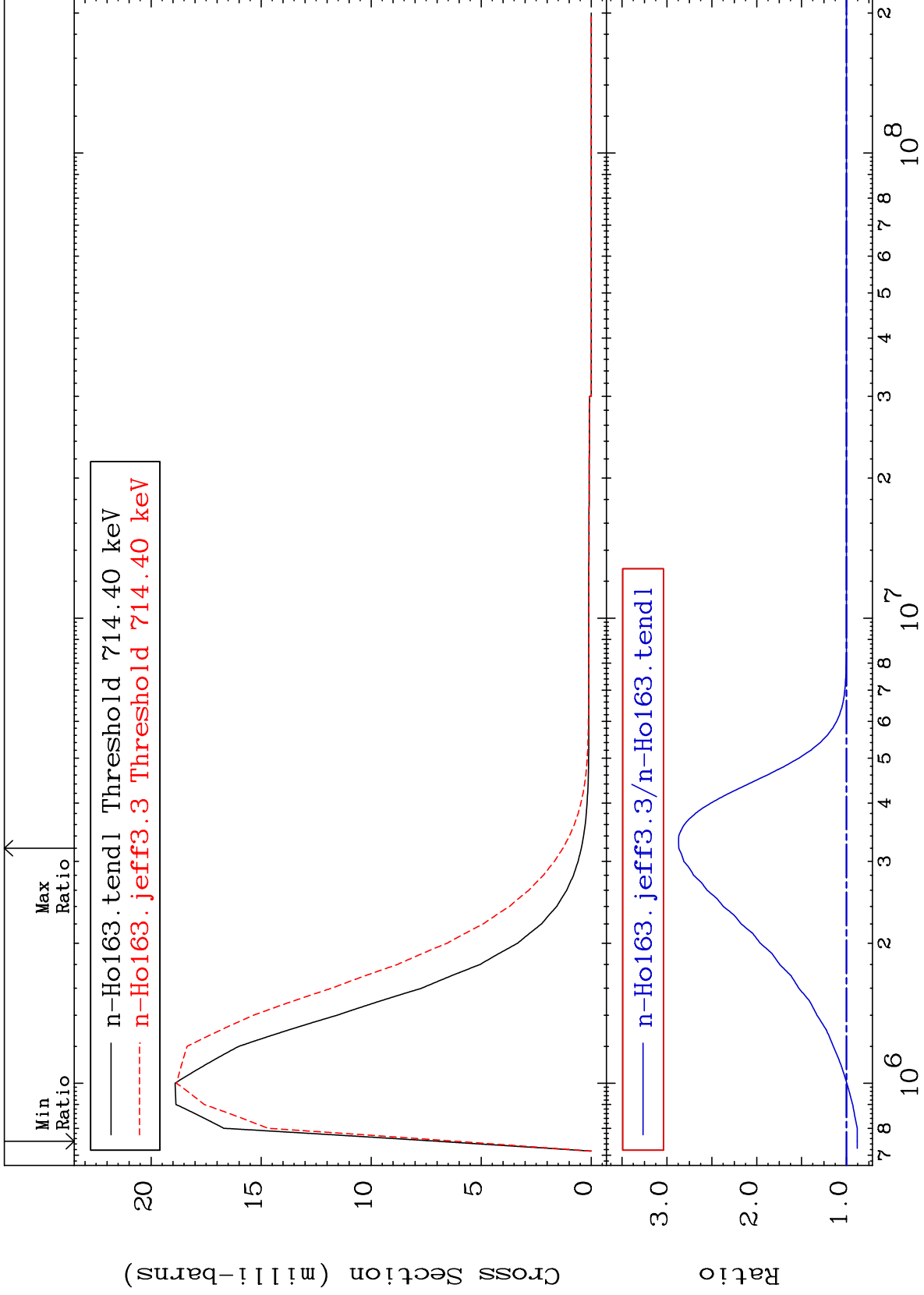
45

67-Ho-163

MAT 6719

MT= 77 (n,n') Level
Cross Section

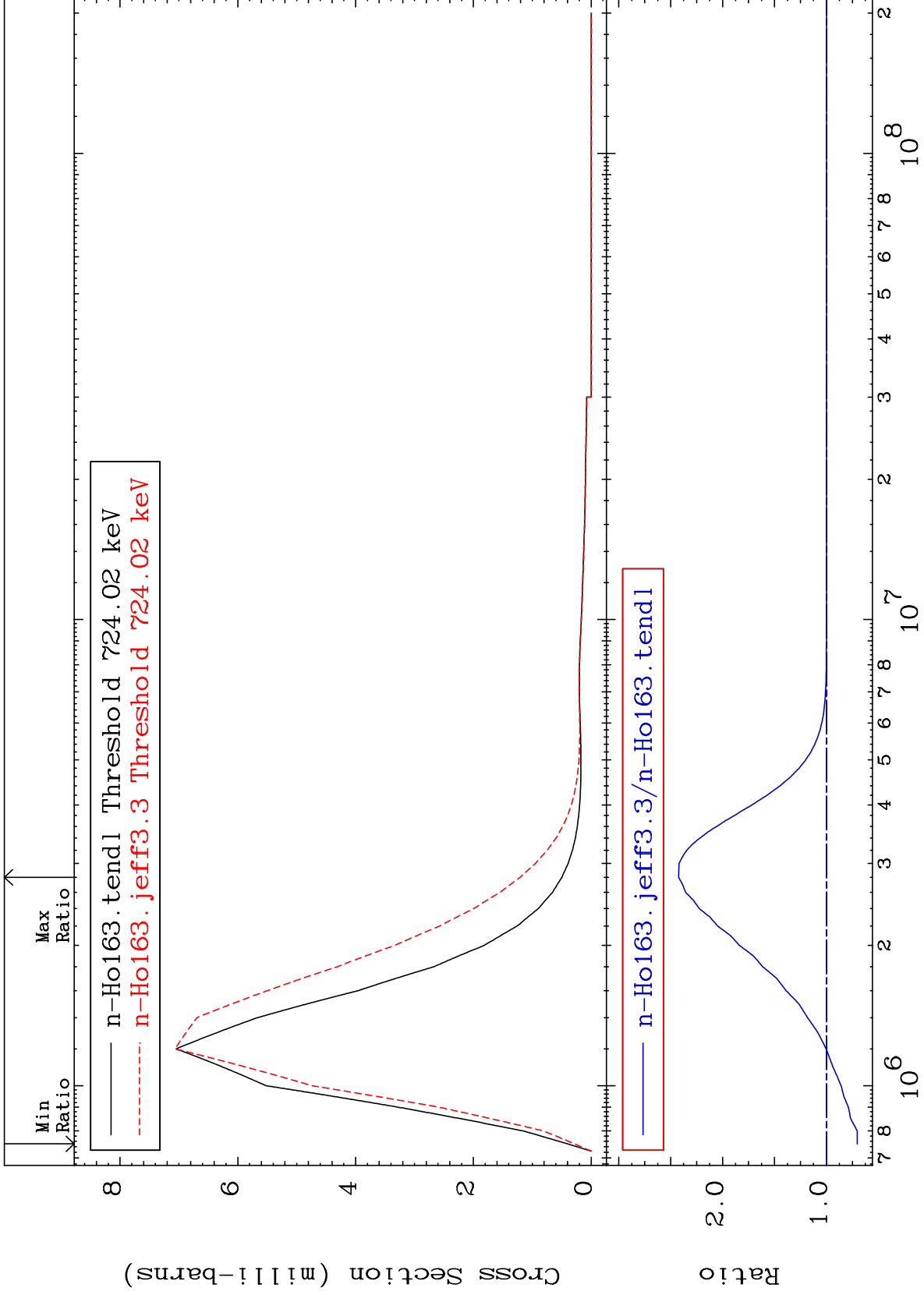
67-Ho-163
-11.98 To 187.0 %



MAT 6719

MT= 78 (n,n') Level
Cross Section

67-Ho-163
-29.71 To 142.3 %



47

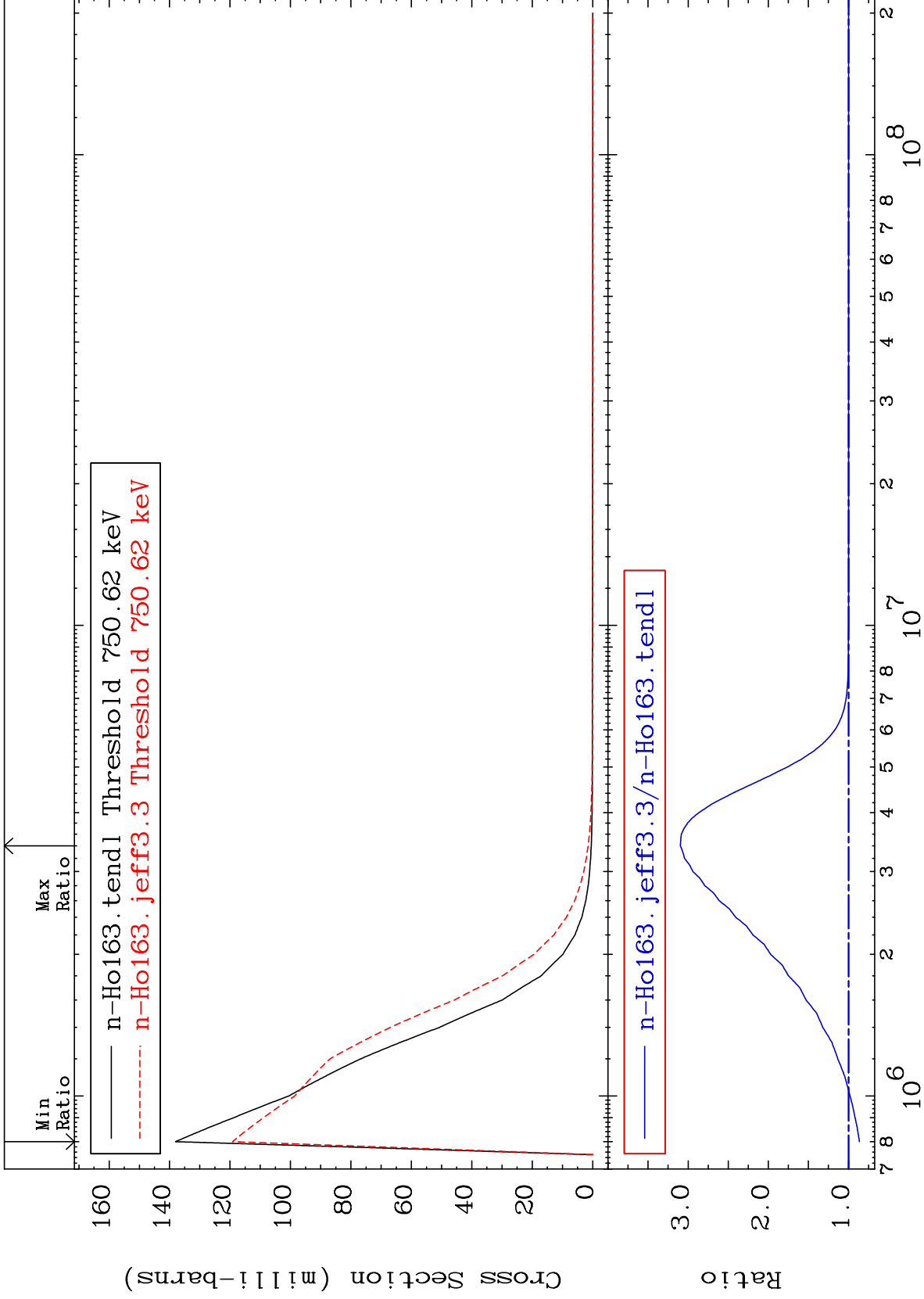
Incident Energy (eV)

67-Ho-163

MAT 6719

MT= 79 (n,n') Level
Cross Section

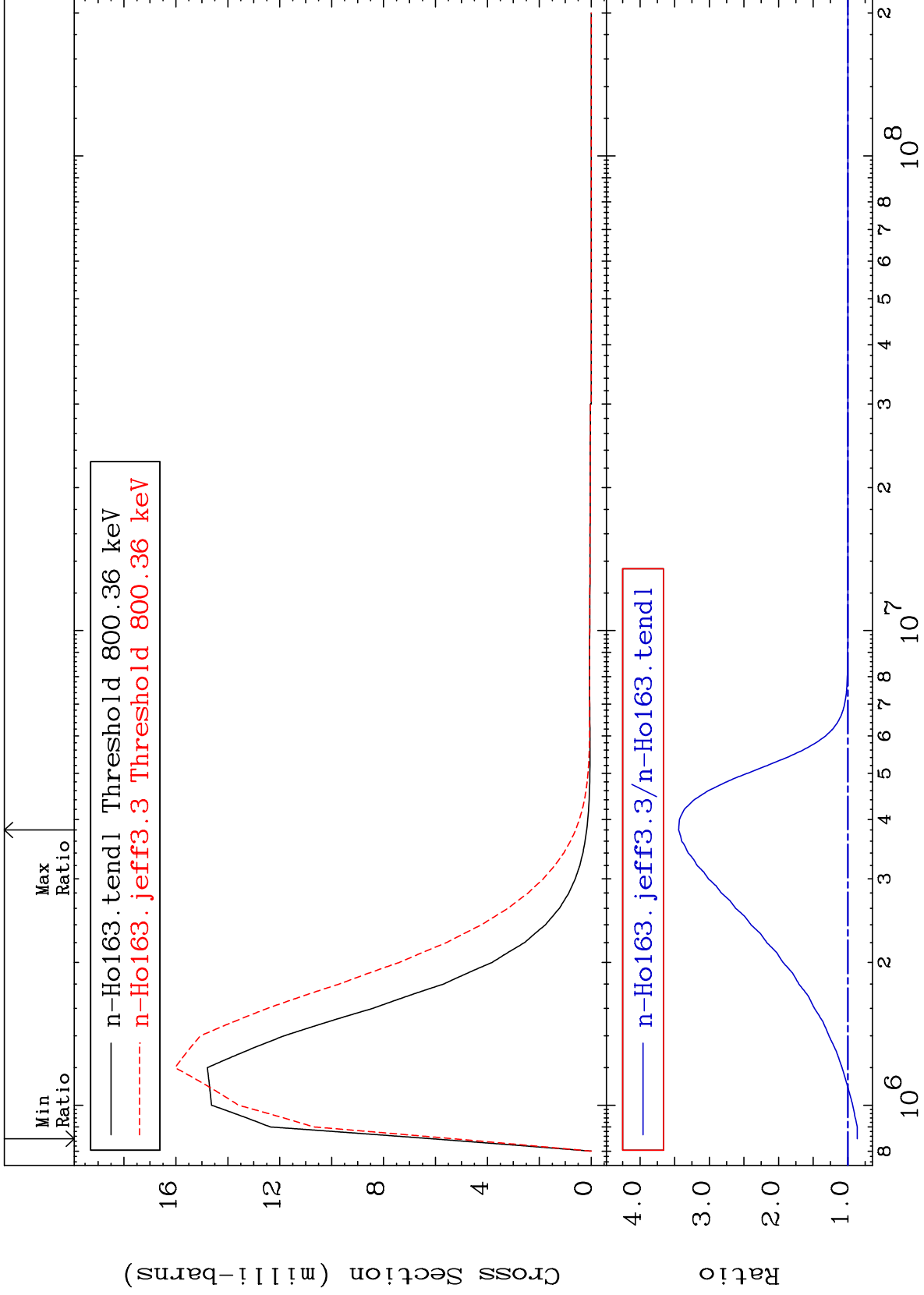
67-Ho-163
-13.64 To 209.7 %



MAT 6719

MT= 80 (n,n') Level
Cross Section

67-Ho-163
-13.60 To 244.3 %



49

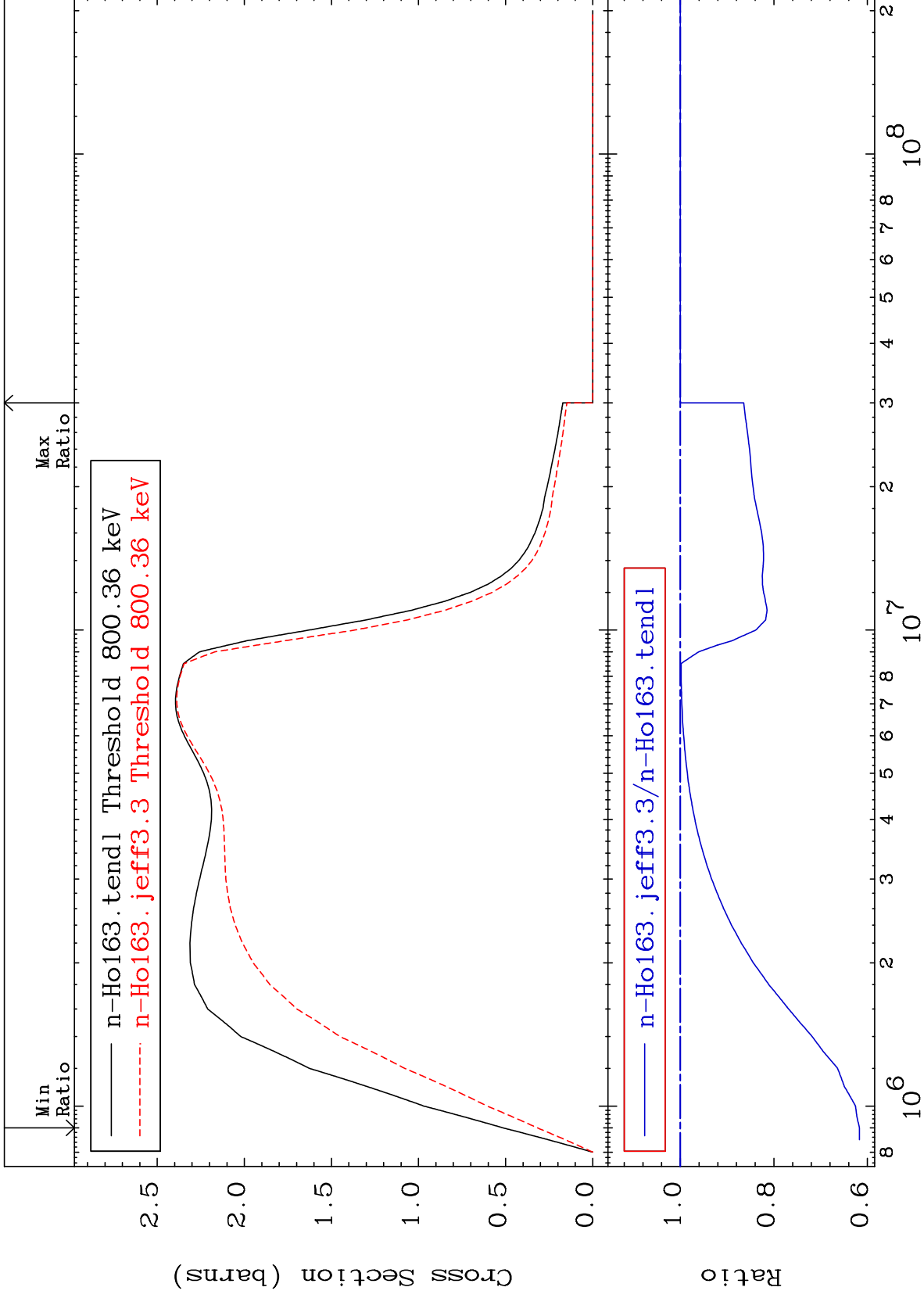
Incident Energy (eV)

67-Ho-163

MAT 6719

(n, n') Continuum
Cross Section

67-Ho-163
-38.29 To 0.000 %



50

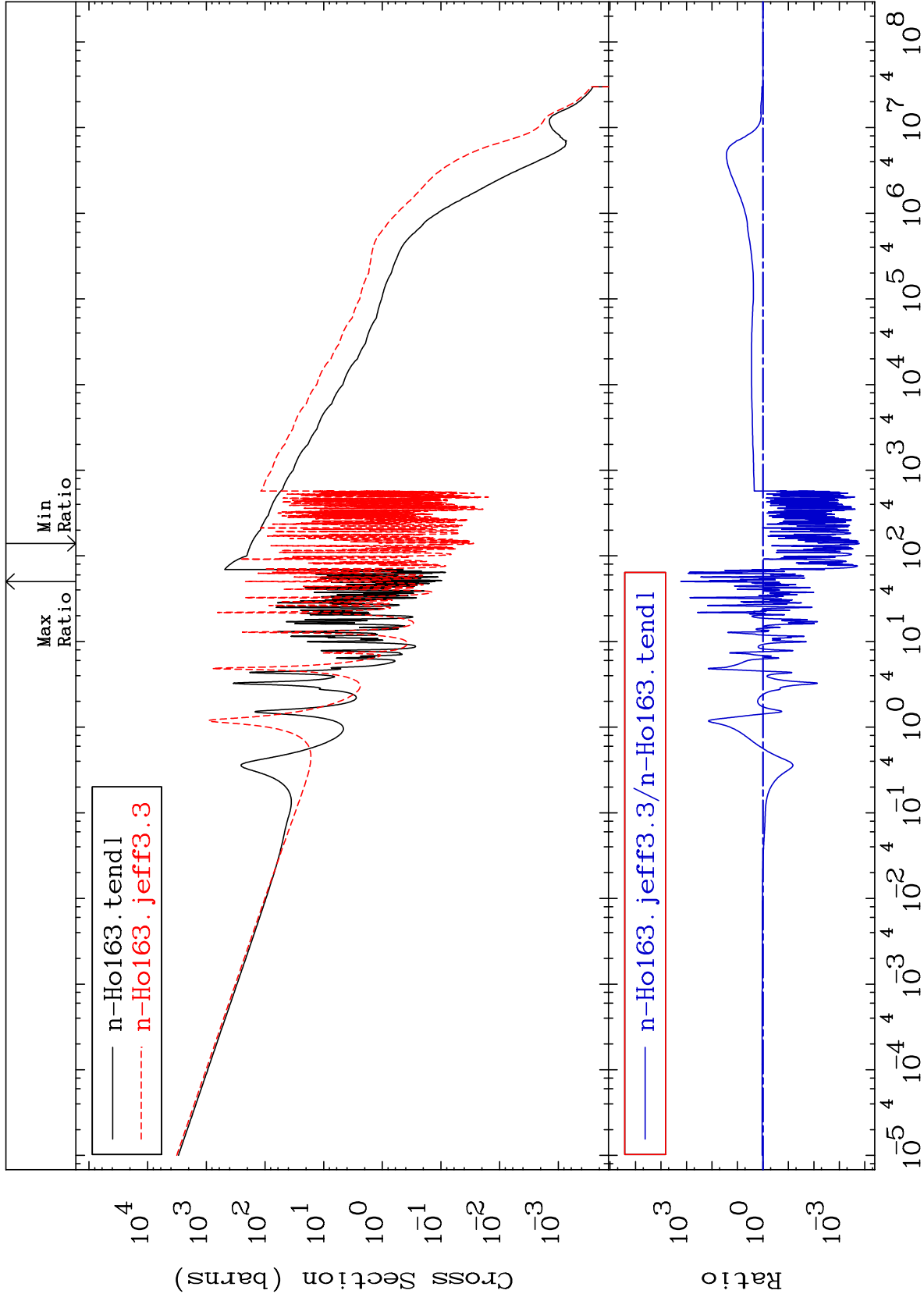
Incident Energy (eV)

67-Ho-163

MAT 6719

(n, γ)
Cross Section
-99.98 To 9999. %

67-Ho-163



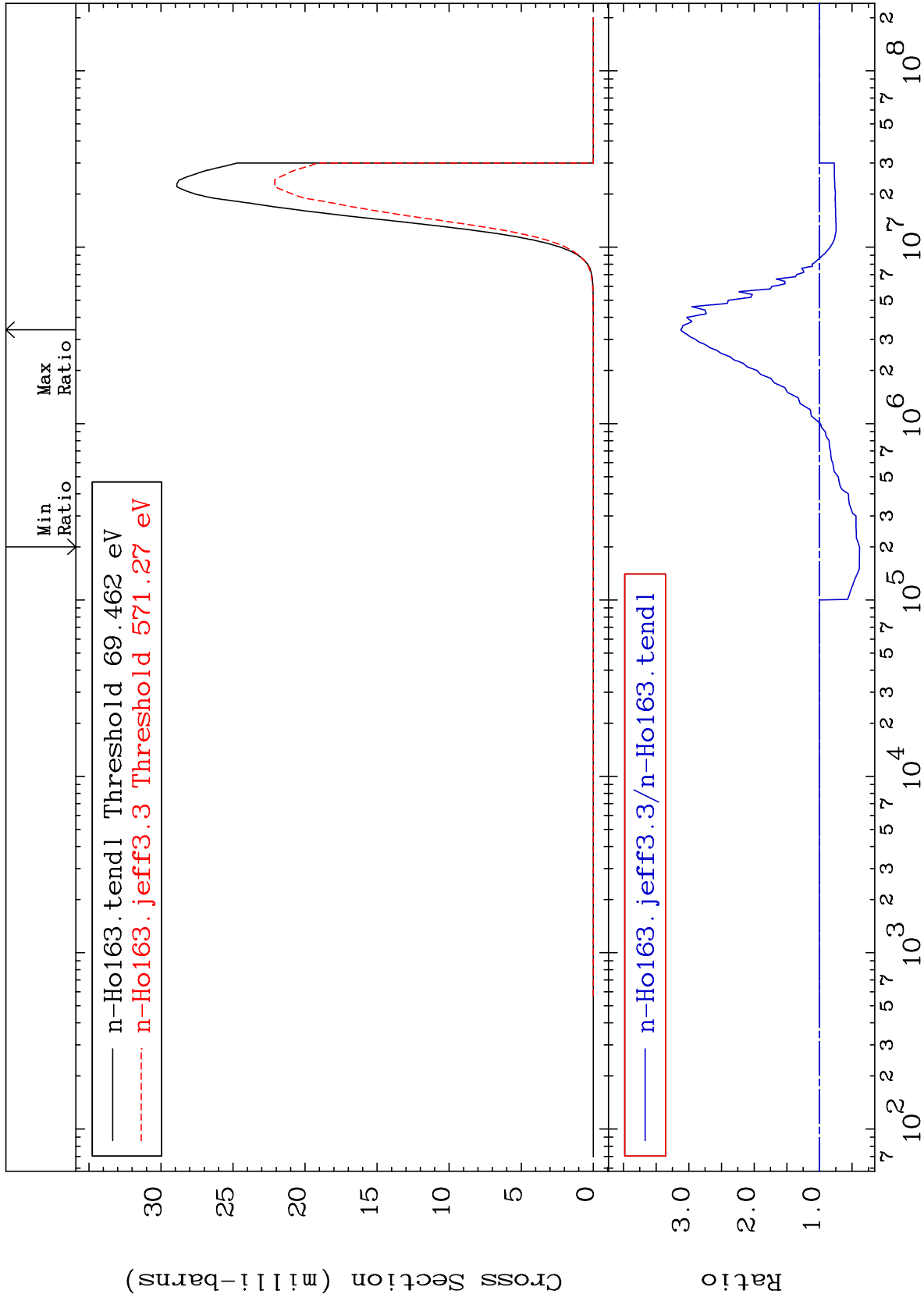
51

Incident Energy (eV)

67-Ho-163

(n, p)
Cross Section

-61.37 To 212.3 %



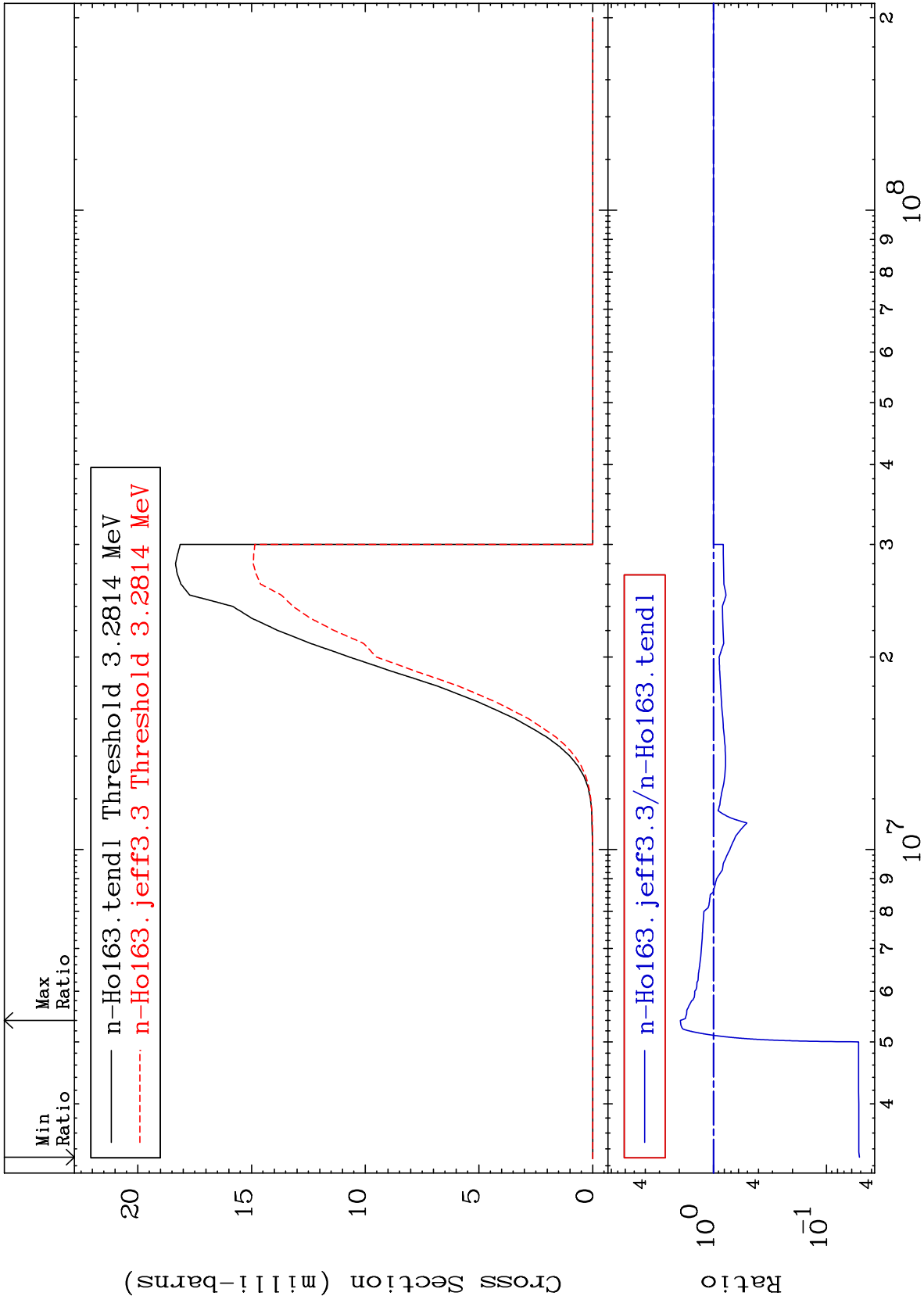
MAT 6719

(n, d)

67-Ho-163

Cross Section

-94.88 To 95.87 %



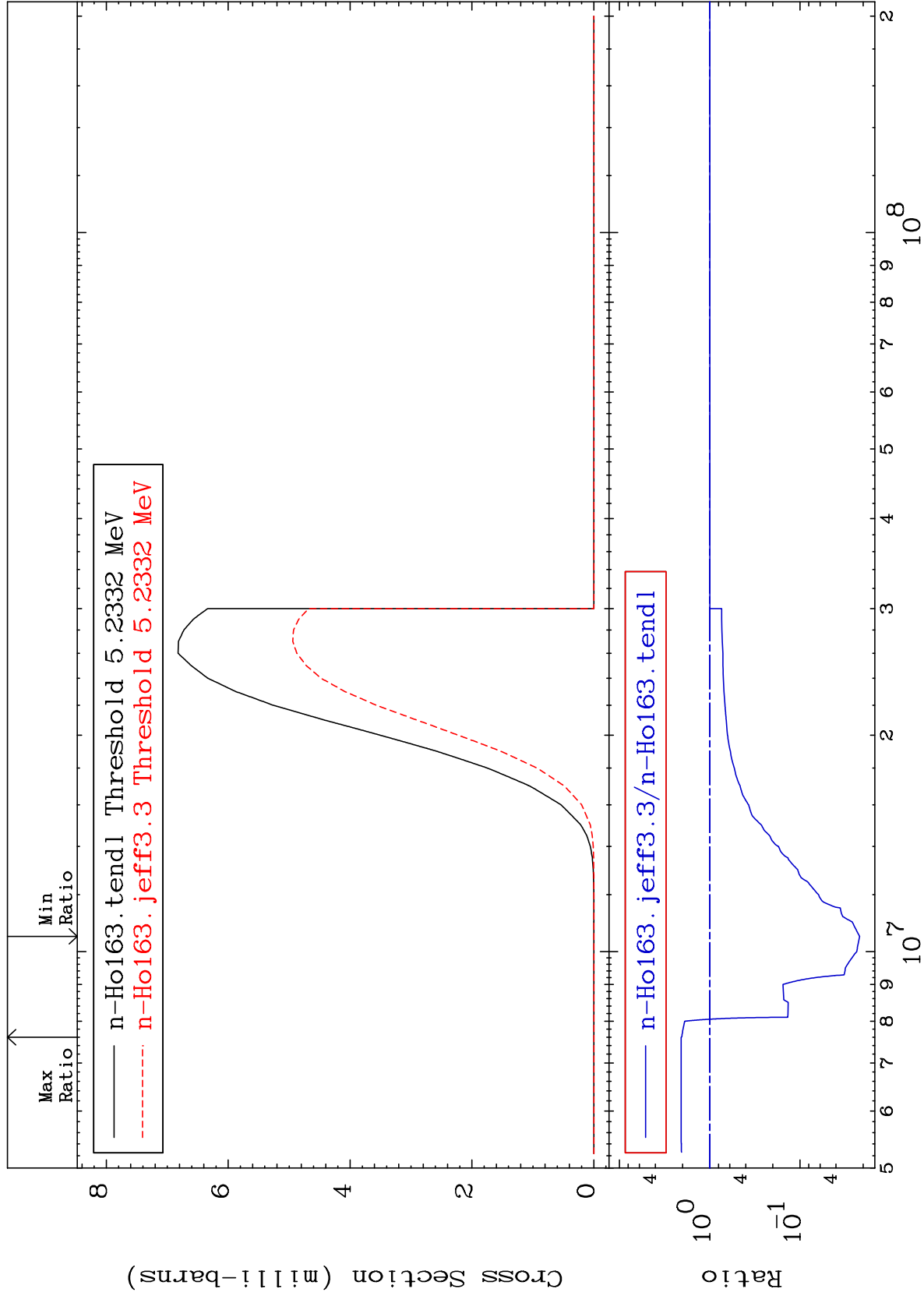
MAT 6719

(n, t)

67-Ho-163

Cross Section

-97.81 To 107.0 %



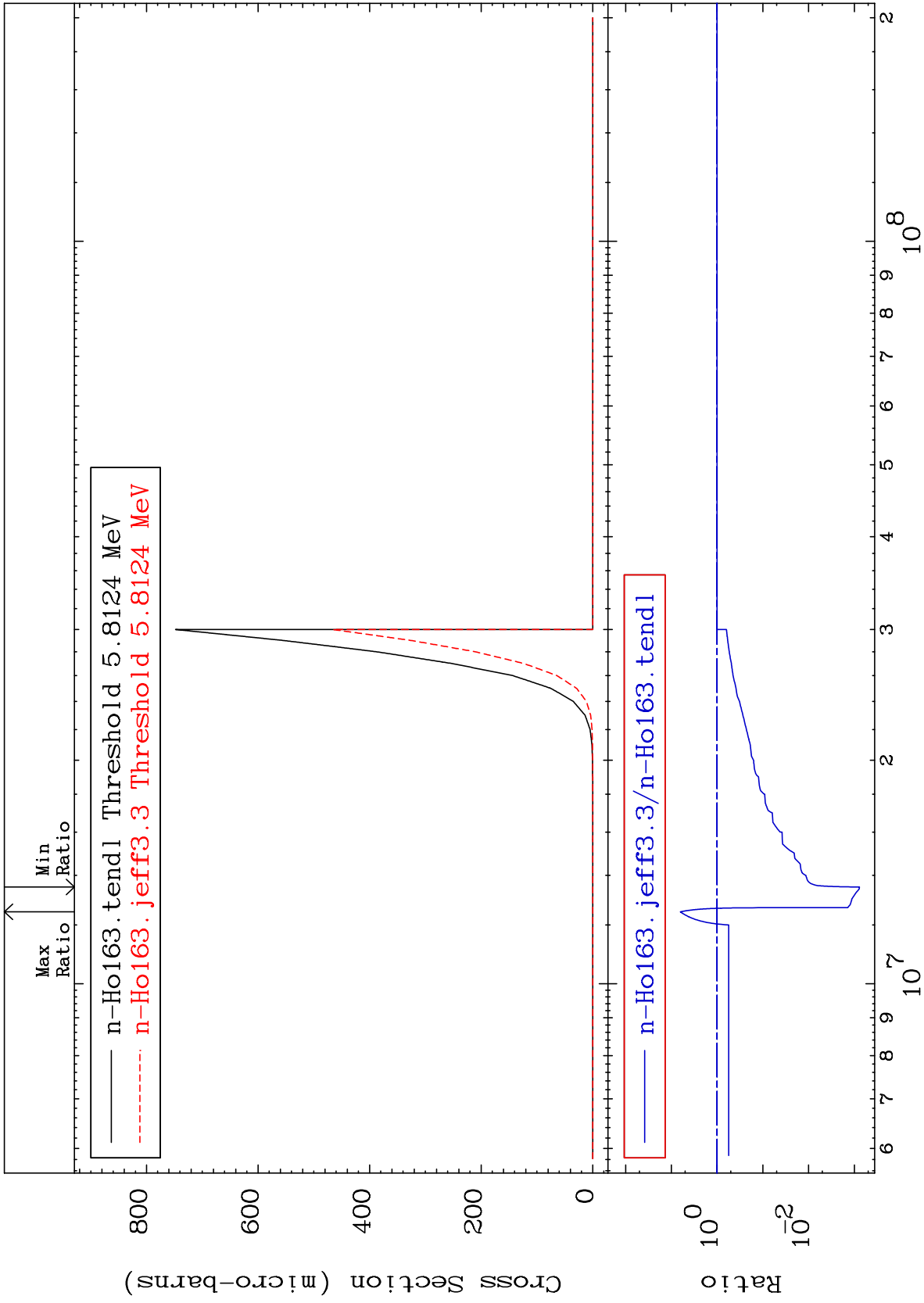
MAT 6719

(n, He-3)

67-Ho-163

Cross Section

-99.92 To 535.0 %



55

Incident Energy (eV)

67-Ho-163

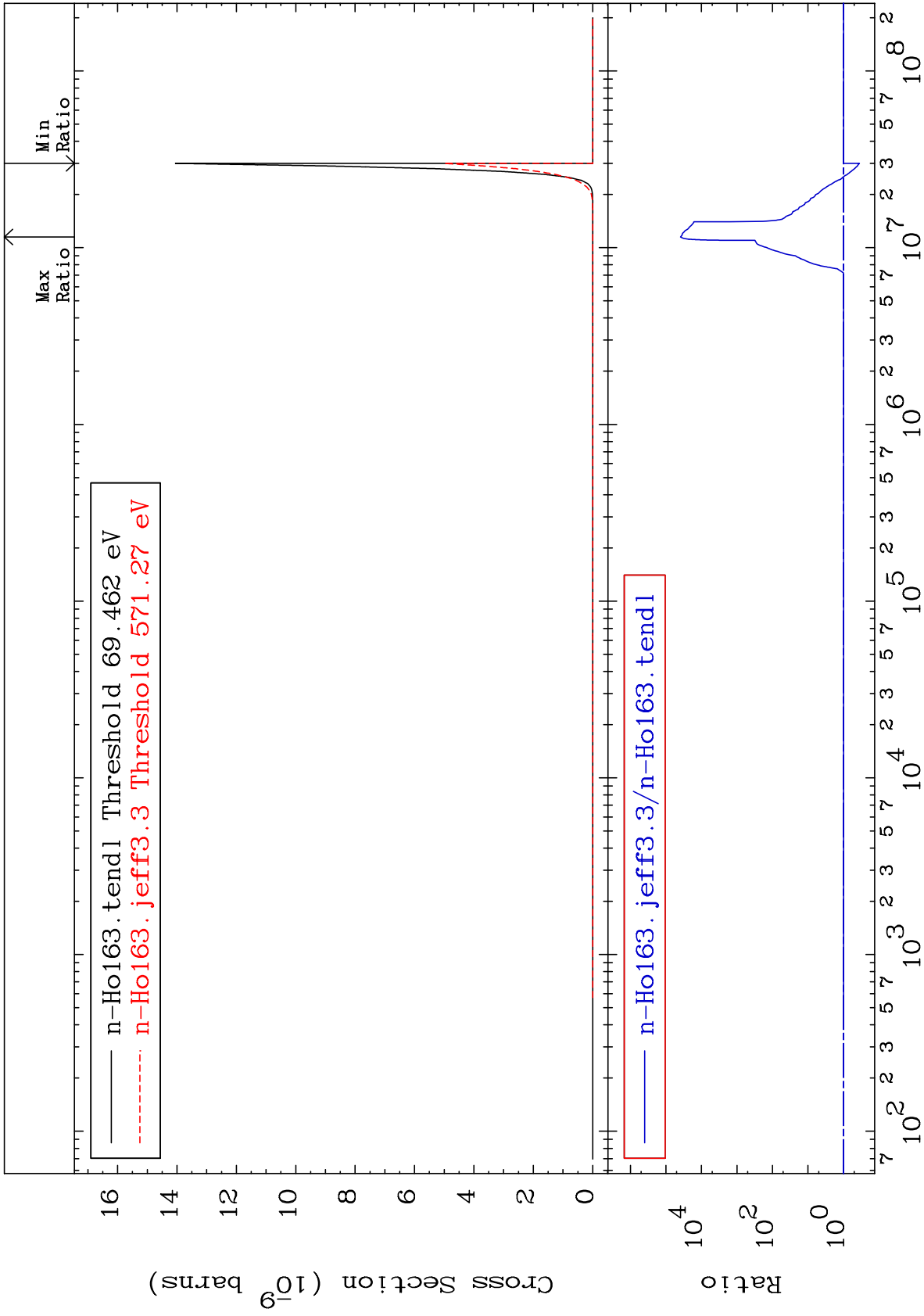
MAT 6719

(n,2α)

67-Ho-163

Cross Section

-64.30 To 9999. %



57

Incident Energy (eV)

67-Ho-163

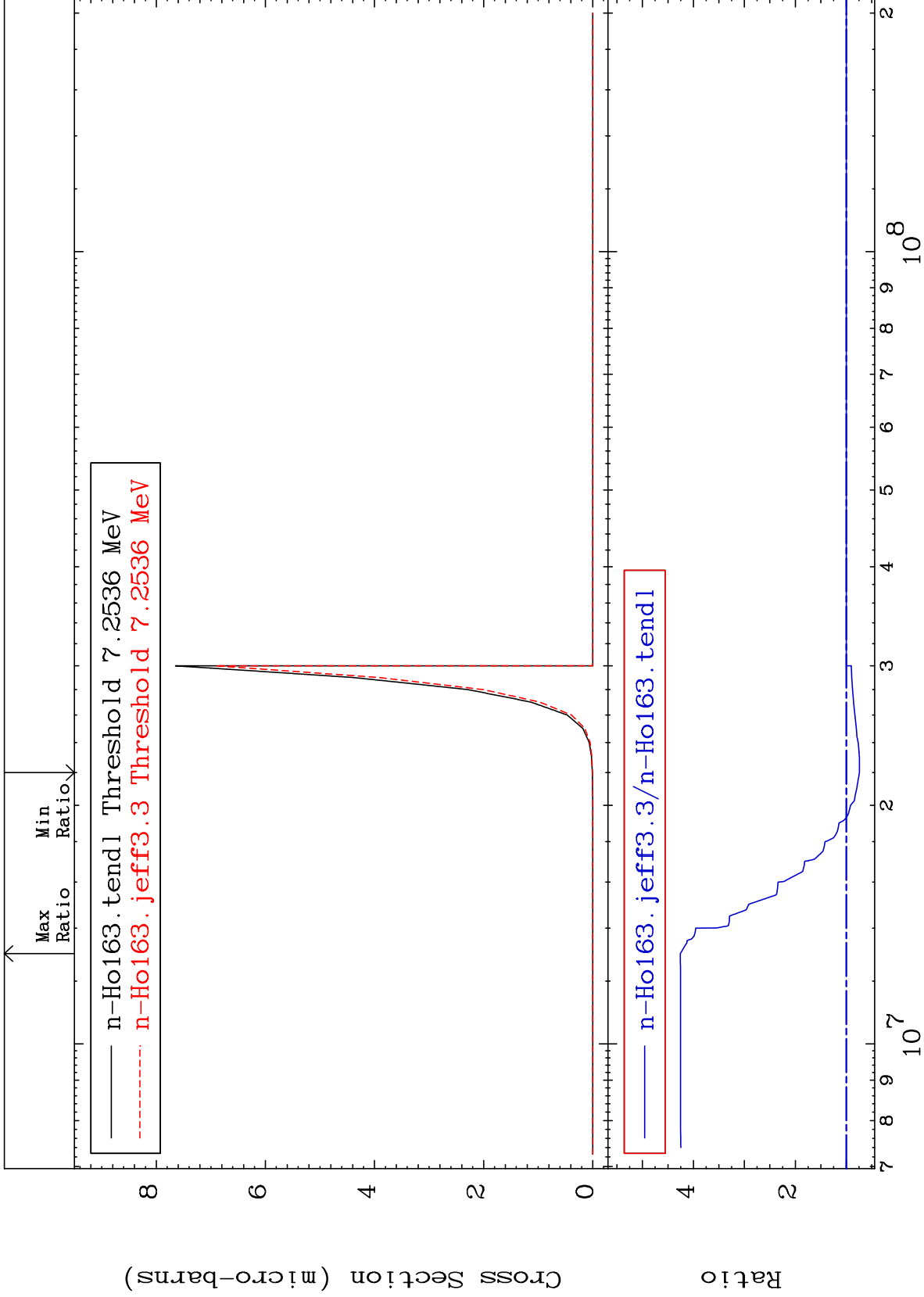
MAT 6719

(n,2p)

67-Ho-163

Cross Section

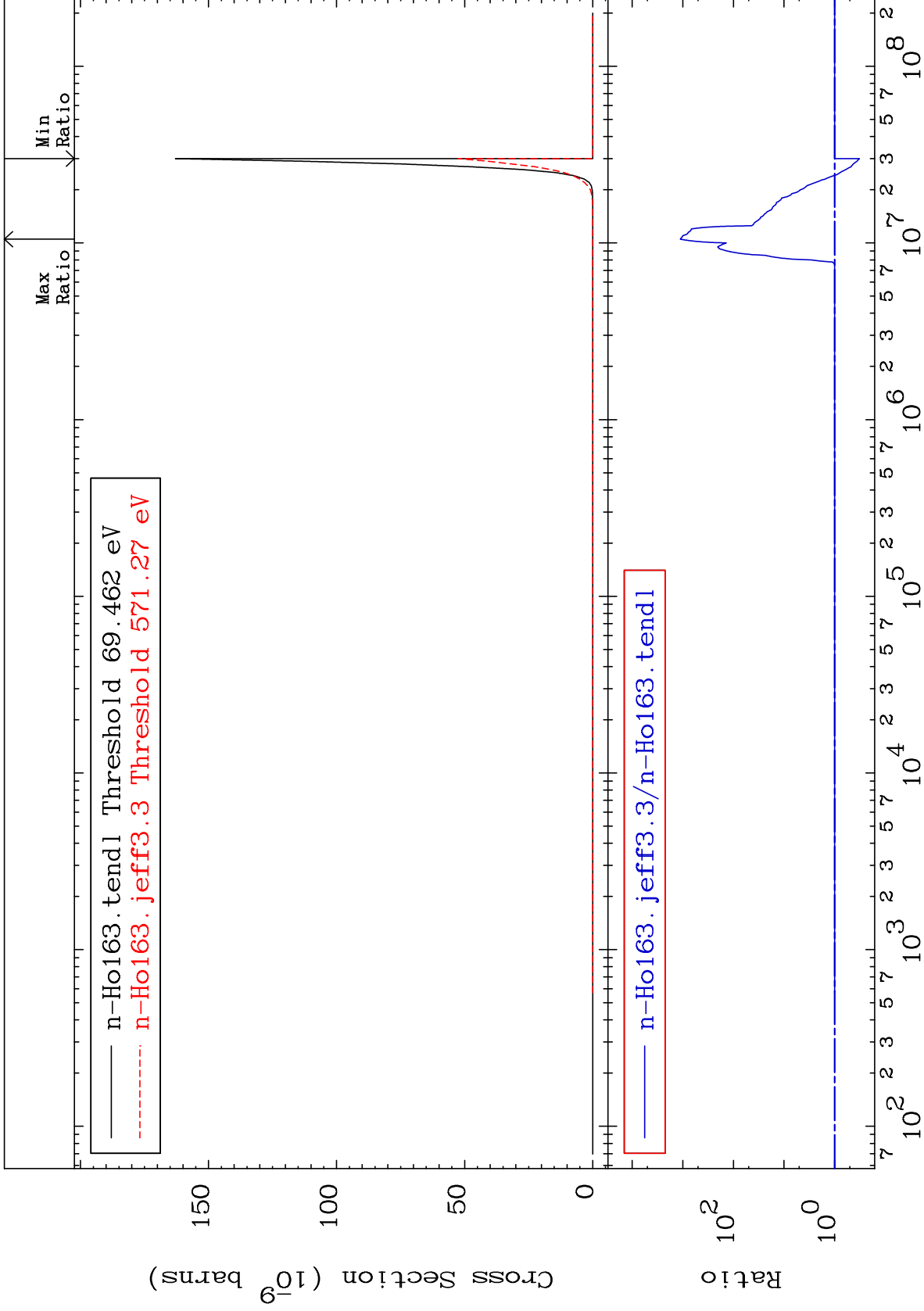
-25.73 To 325.6 %



58

Incident Energy (eV)

67-Ho-163



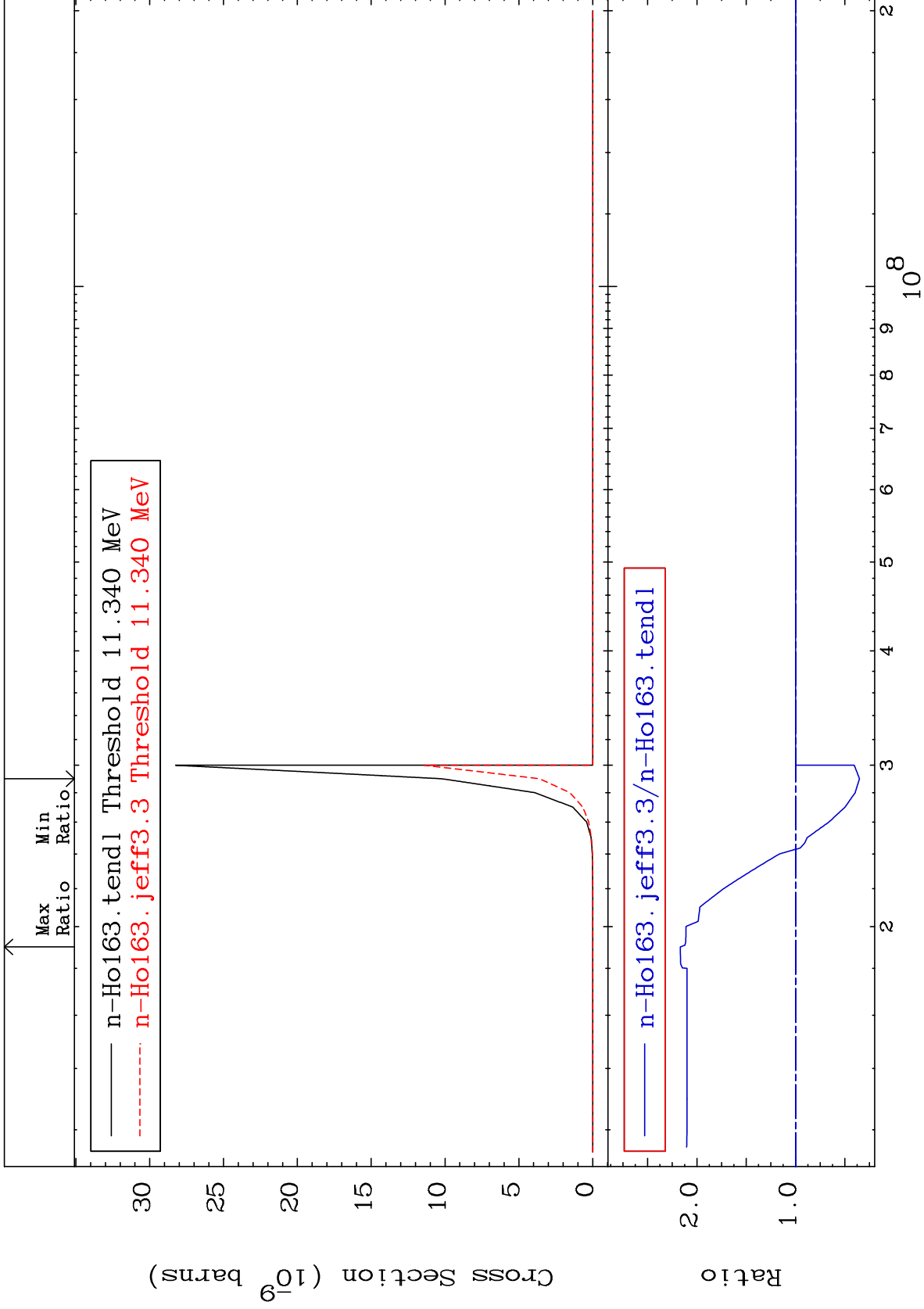
MAT 6719

(n, p) d

67-Ho-163

Cross Section

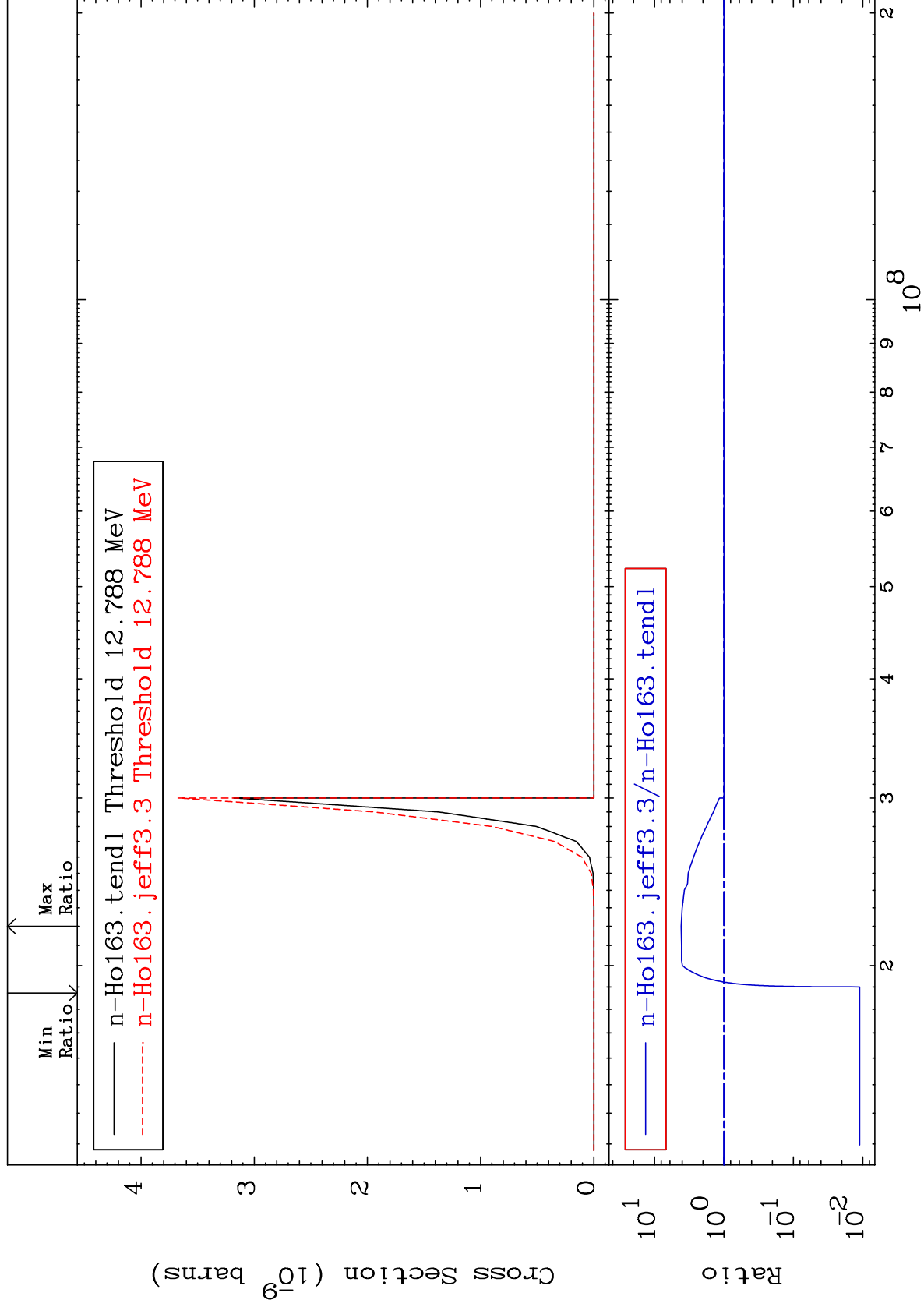
-64.81 To 116.8 %

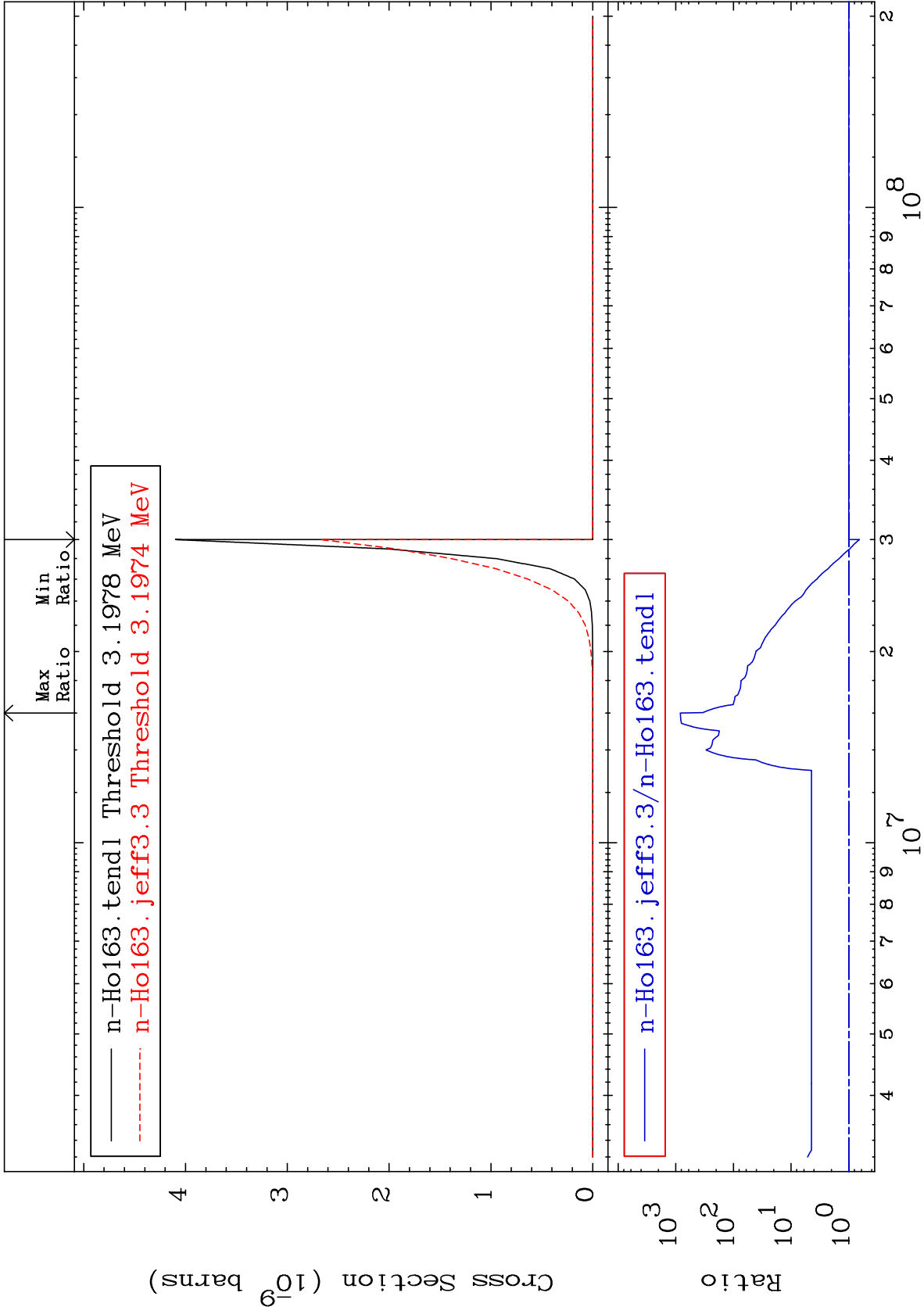


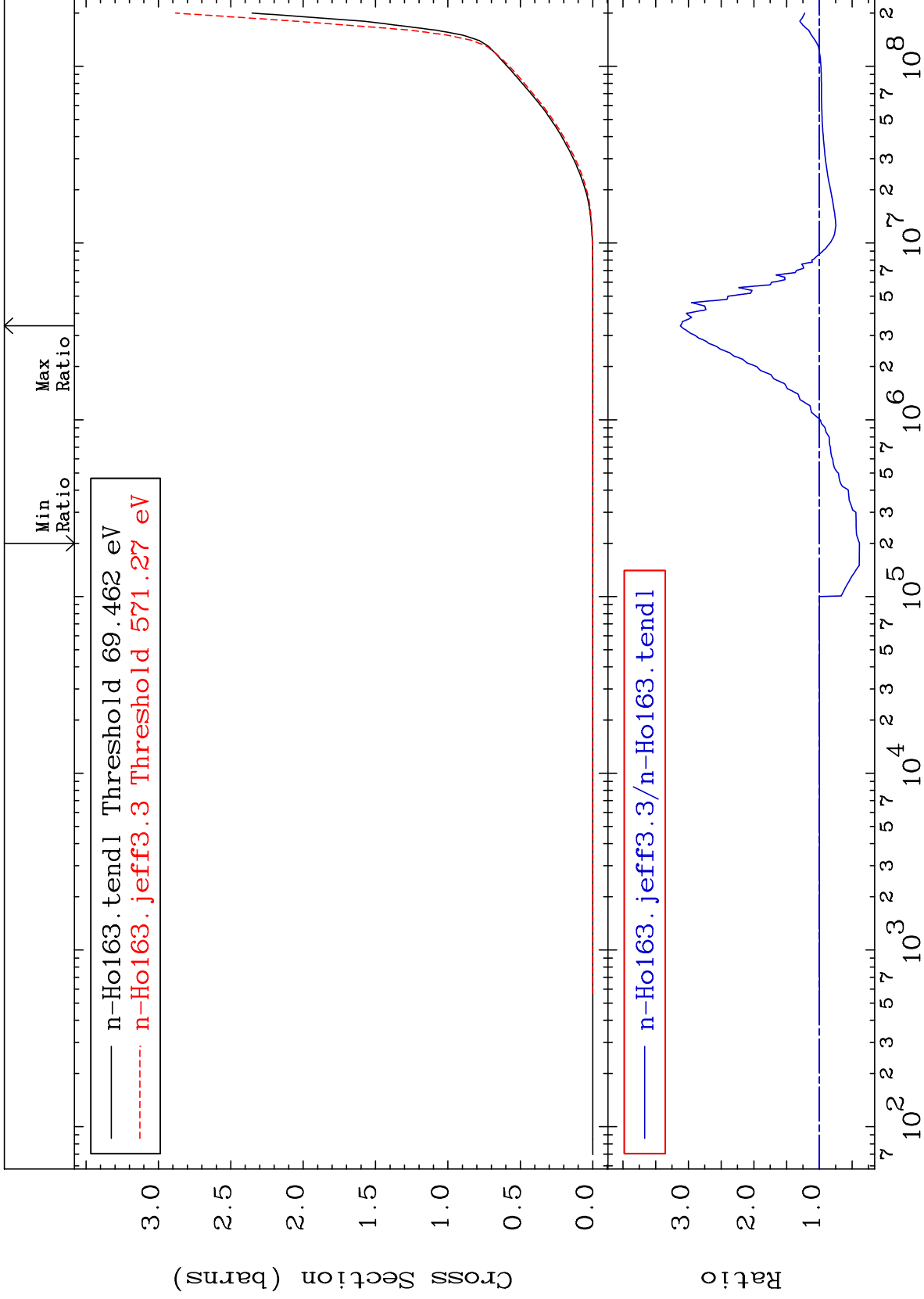
60

Incident Energy (eV)

67-Ho-163



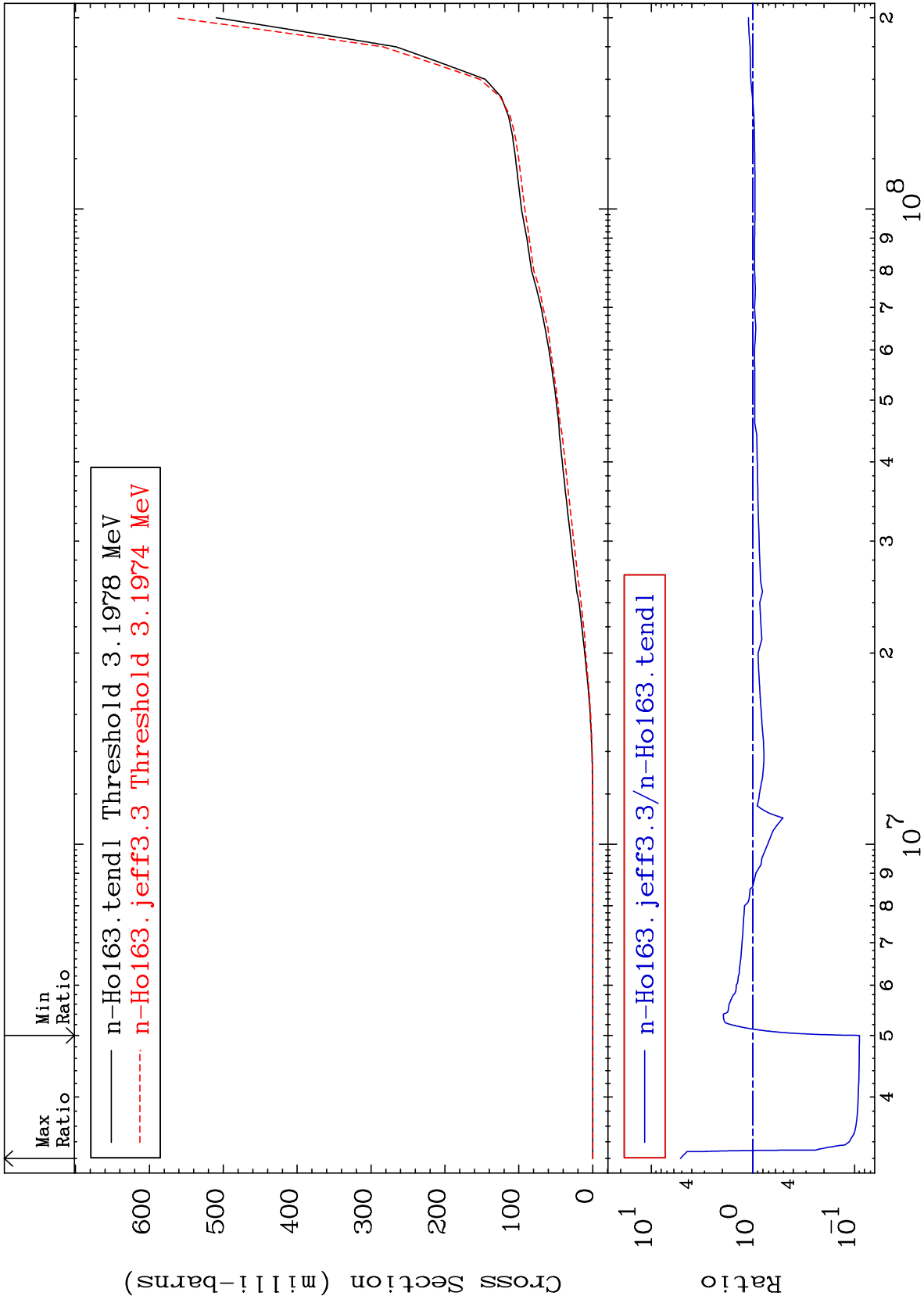




MAT 6719

Deuterium Production
Cross Section

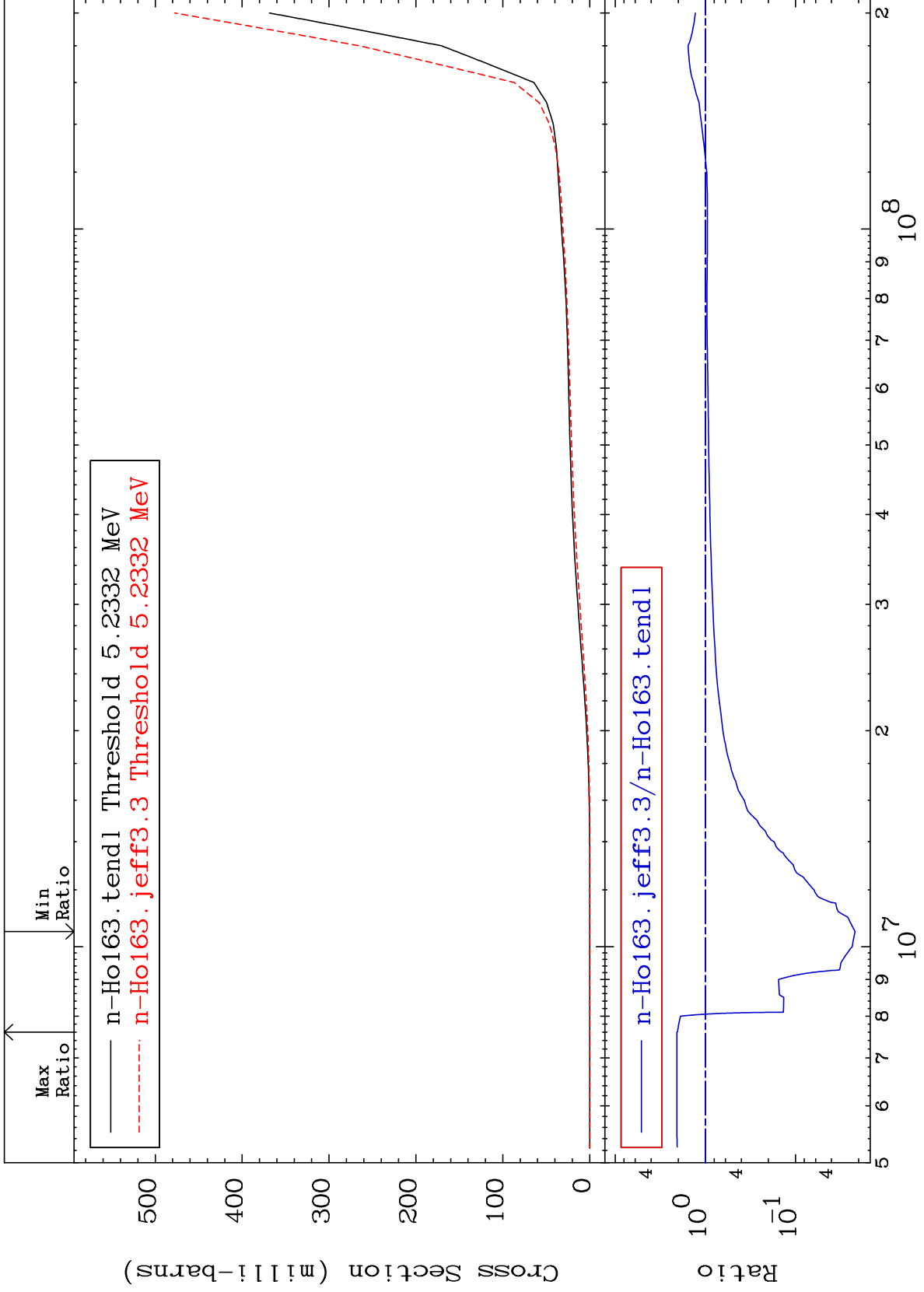
67-Ho-163
-91.03 To 417.3 %



MAT 6719

Tritium Production
Cross Section

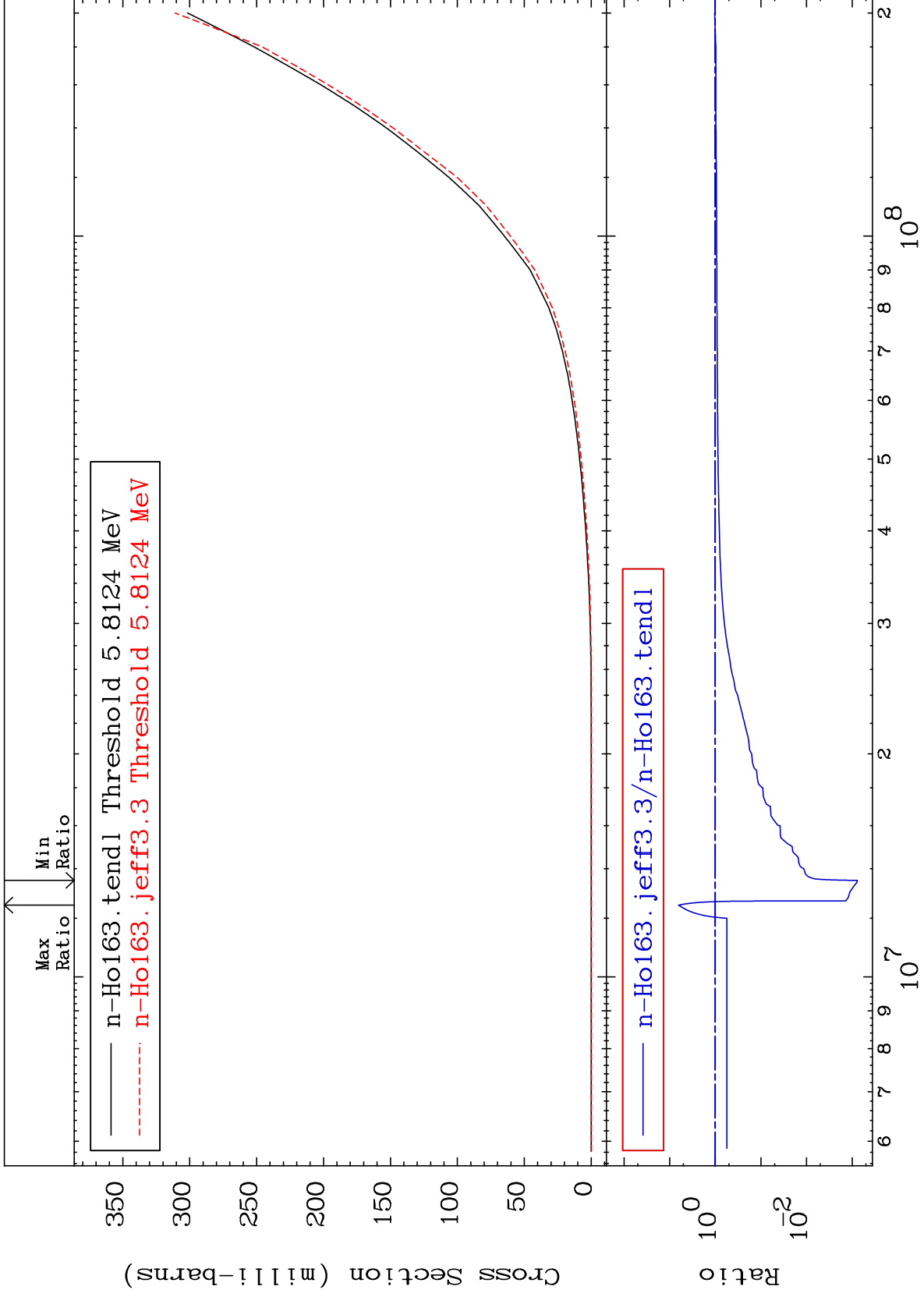
67-Ho-163
-97.81 To 107.0 %



MAT 6719

He-3 Production
Cross Section

67-Ho-163
-99.92 To 535.0 %



66

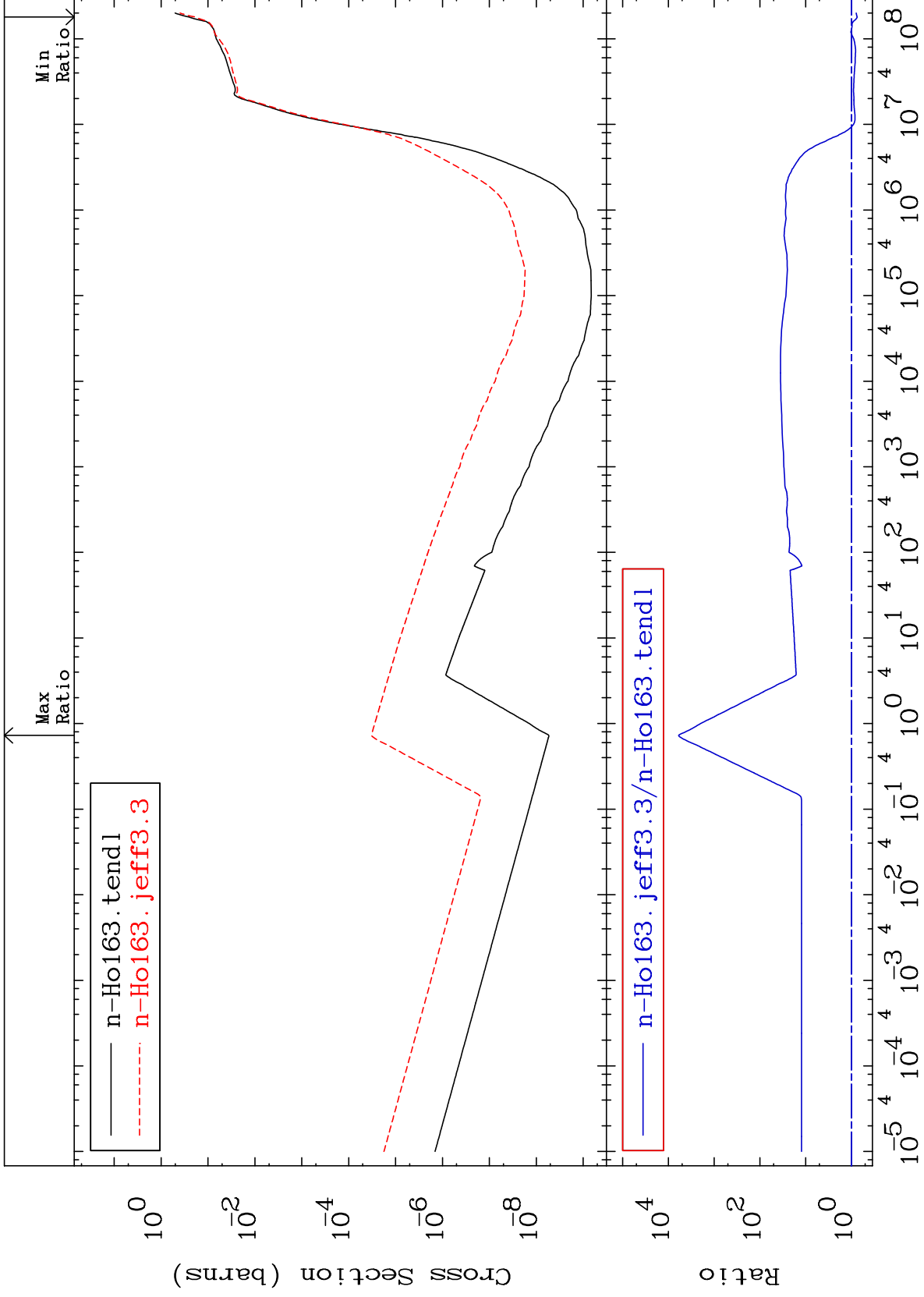
Incident Energy (eV)

67-Ho-163

MAT 6719

He-4 Production
Cross Section

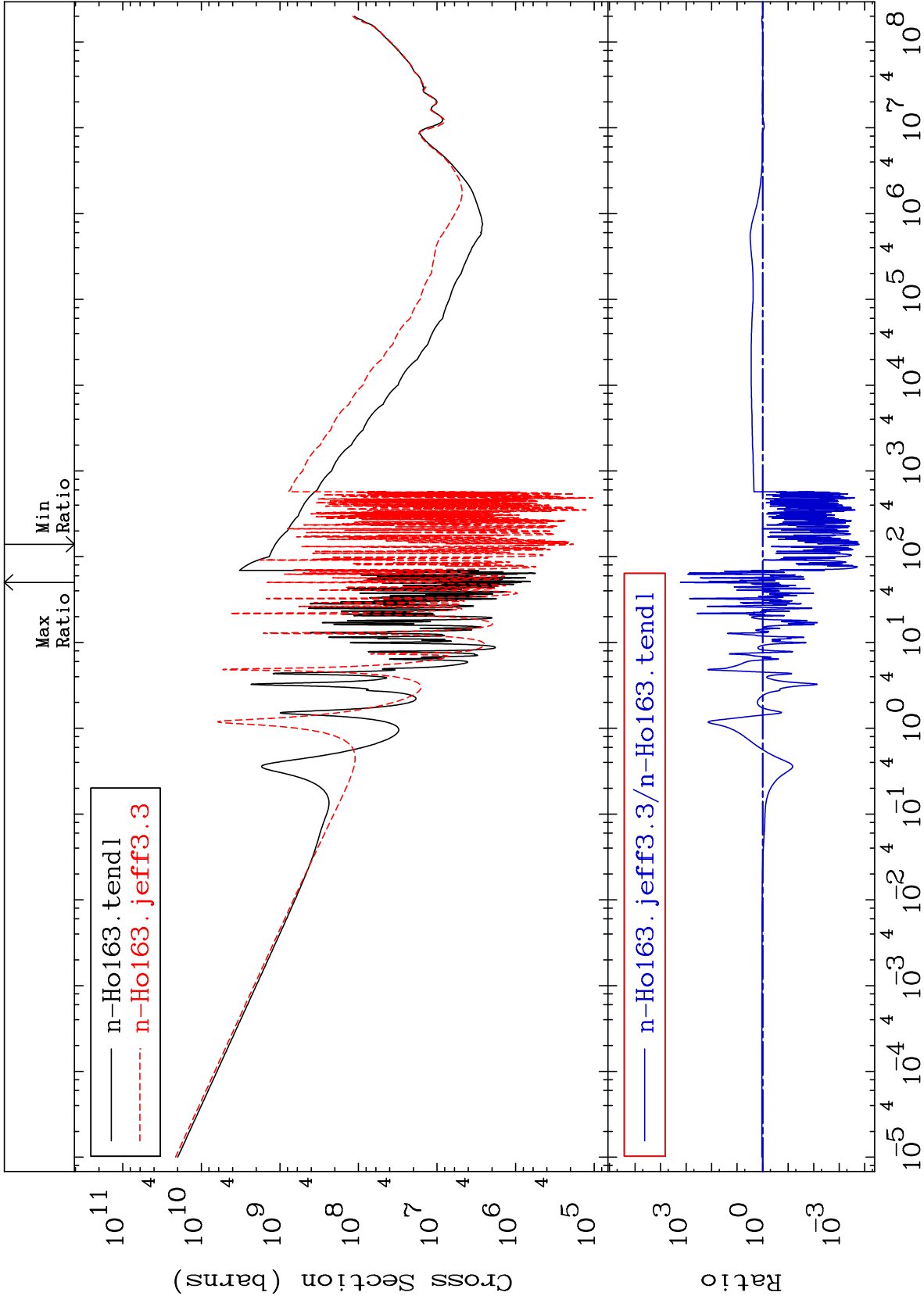
67-Ho-163
-25.80 To 9999. %

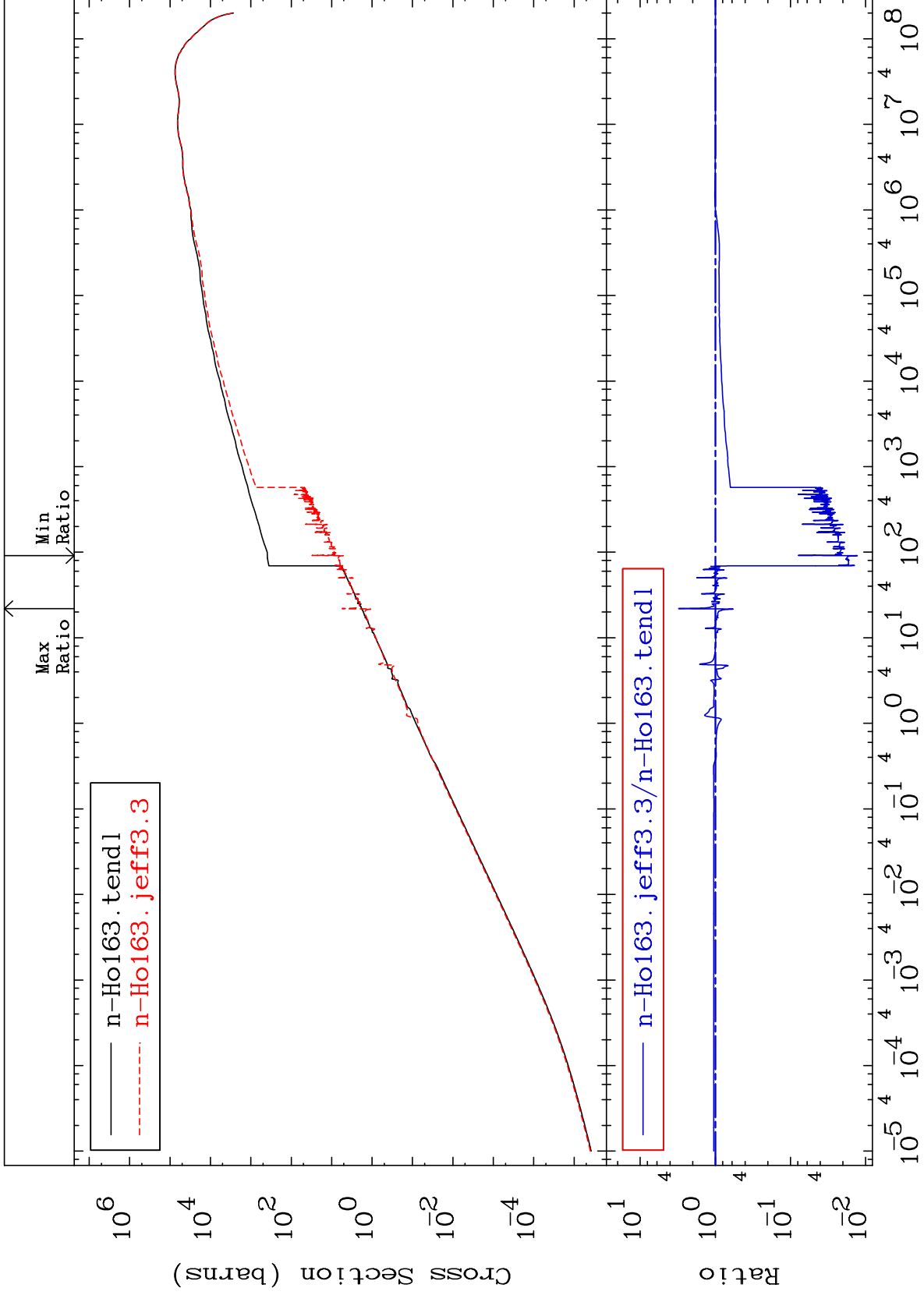


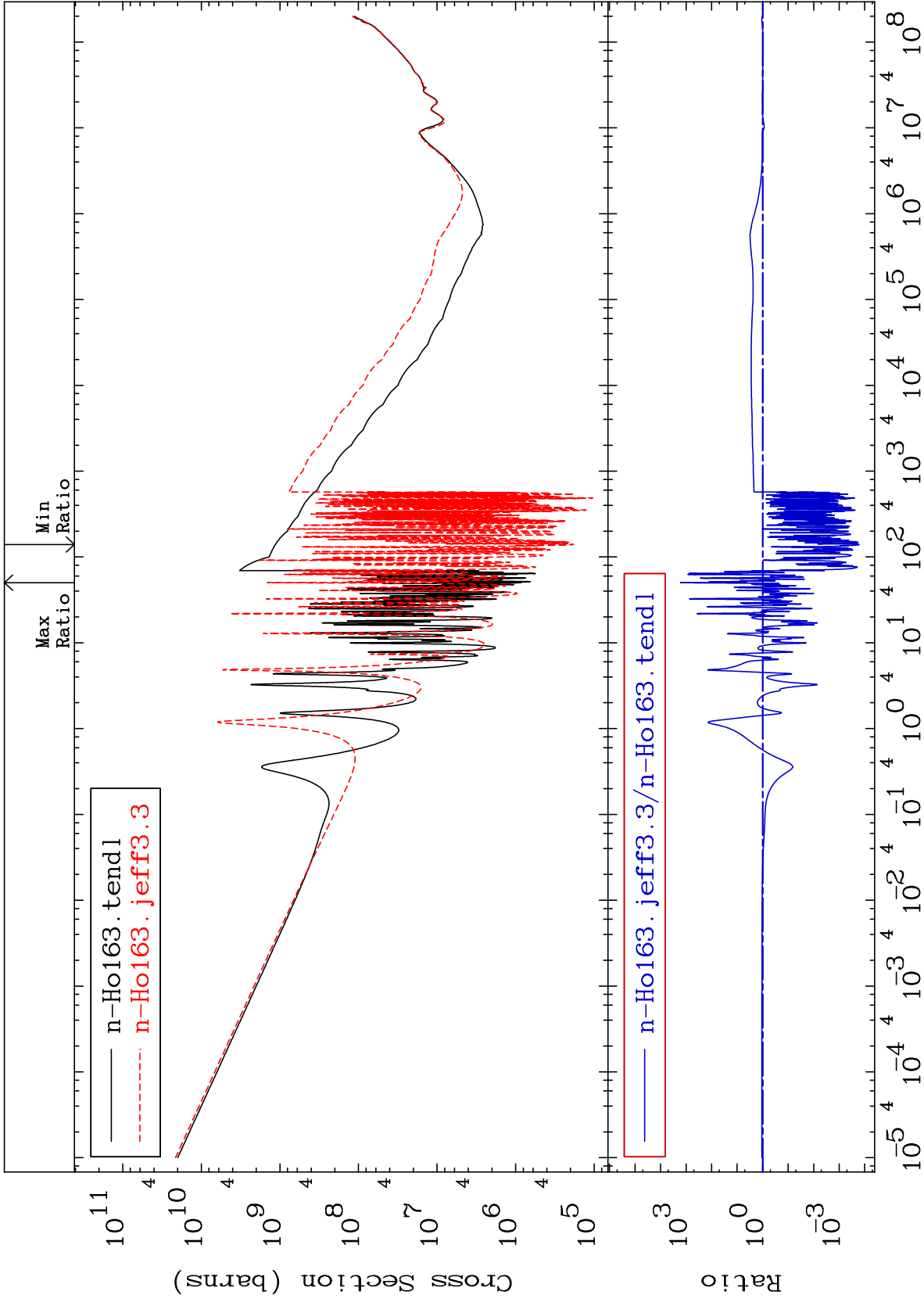
67

Incident Energy (eV)

67-Ho-163



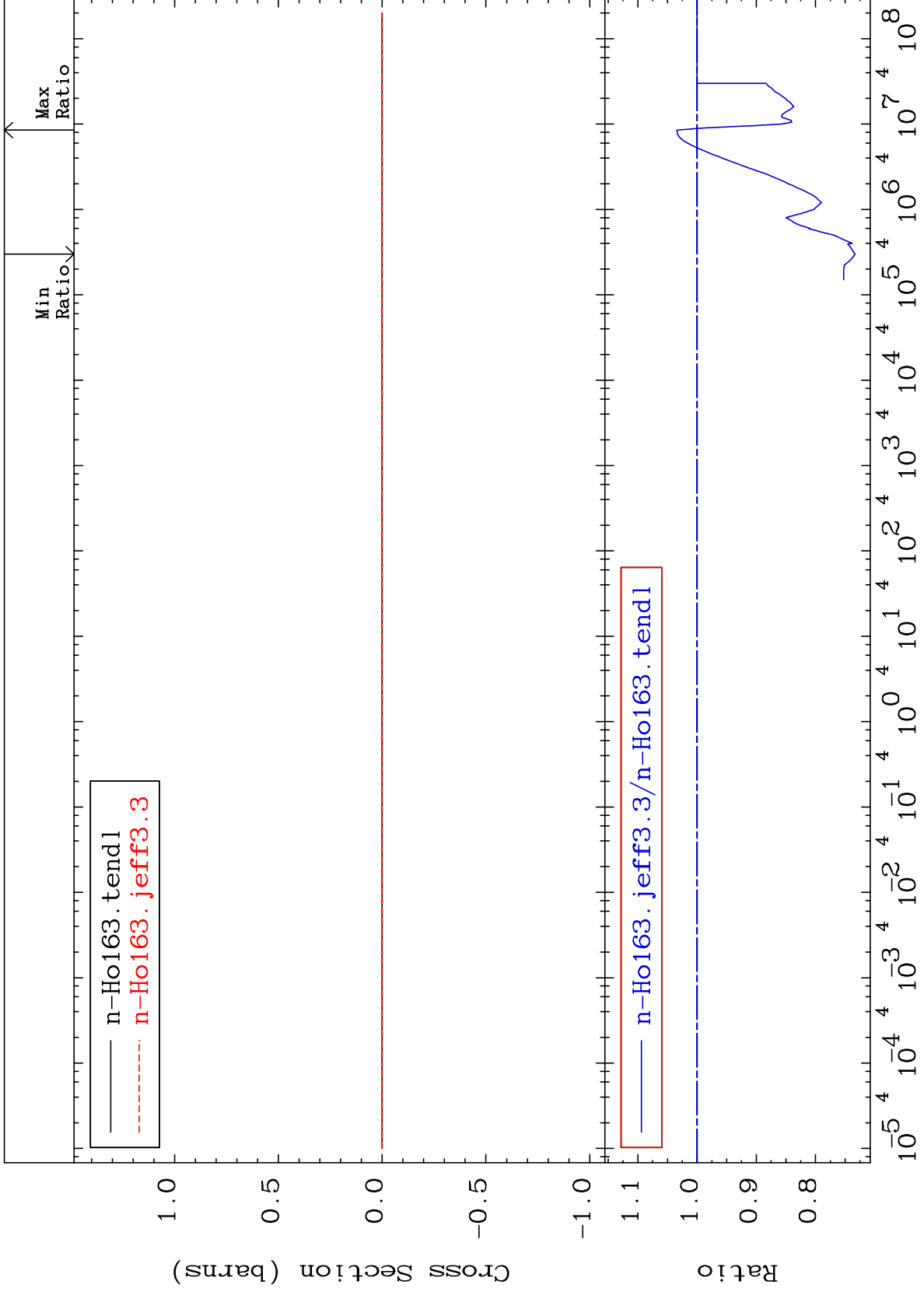




MAT 6719

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

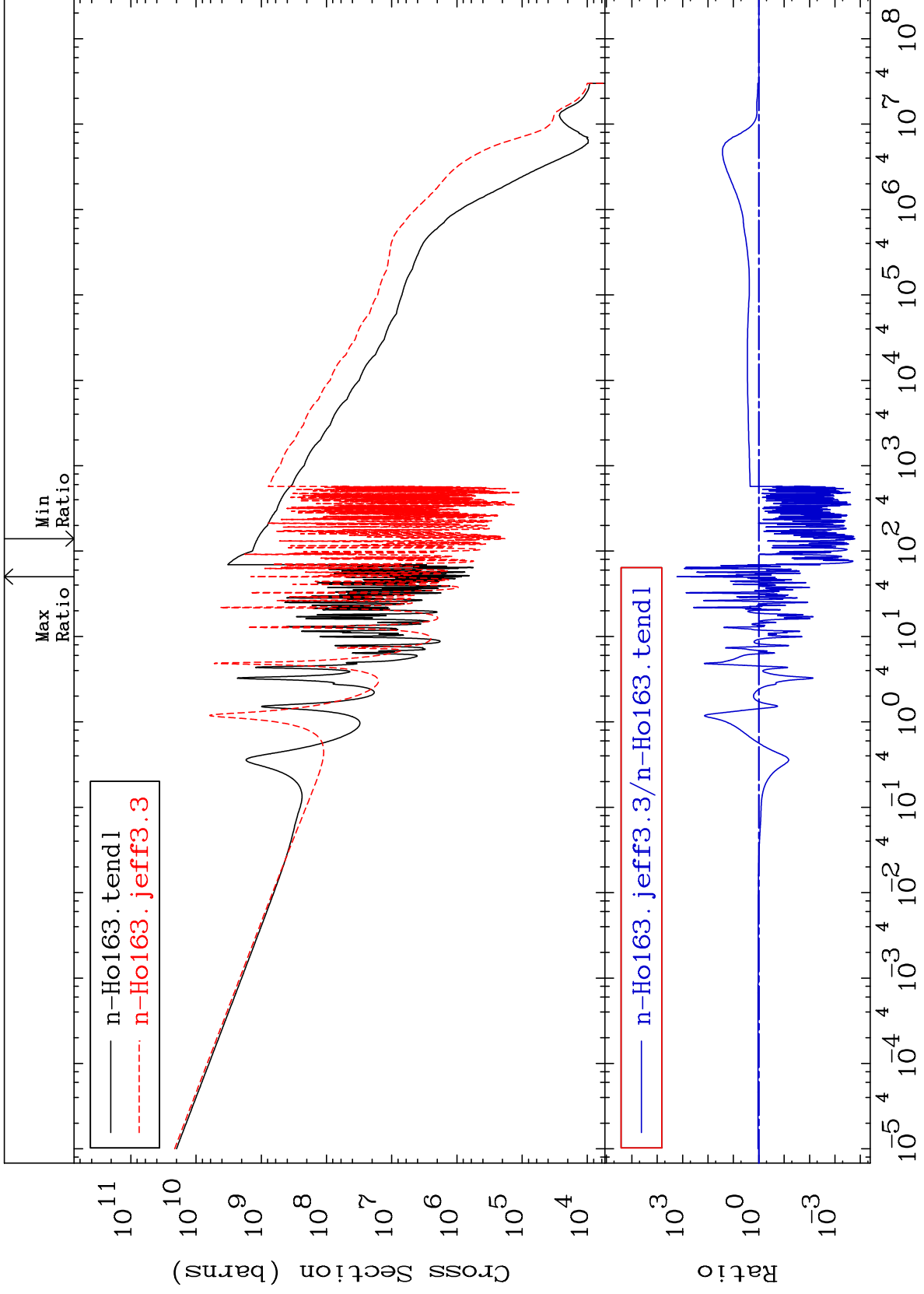
67-Ho-163
-26.68 To 3.403 %



MAT 6719

Kerma capture (mt102)
Cross Section

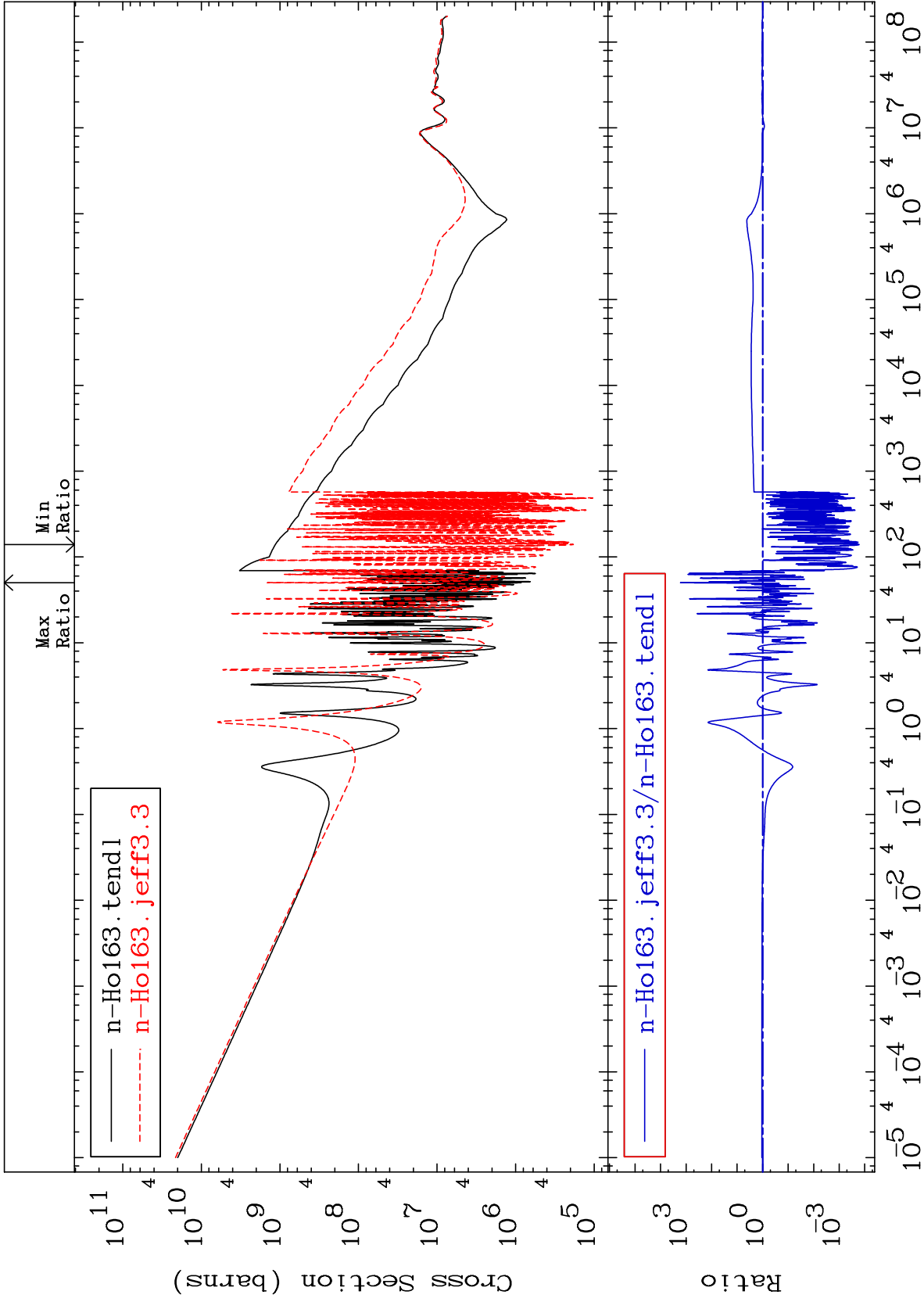
67-Ho-163
-99.98 To 9999. %

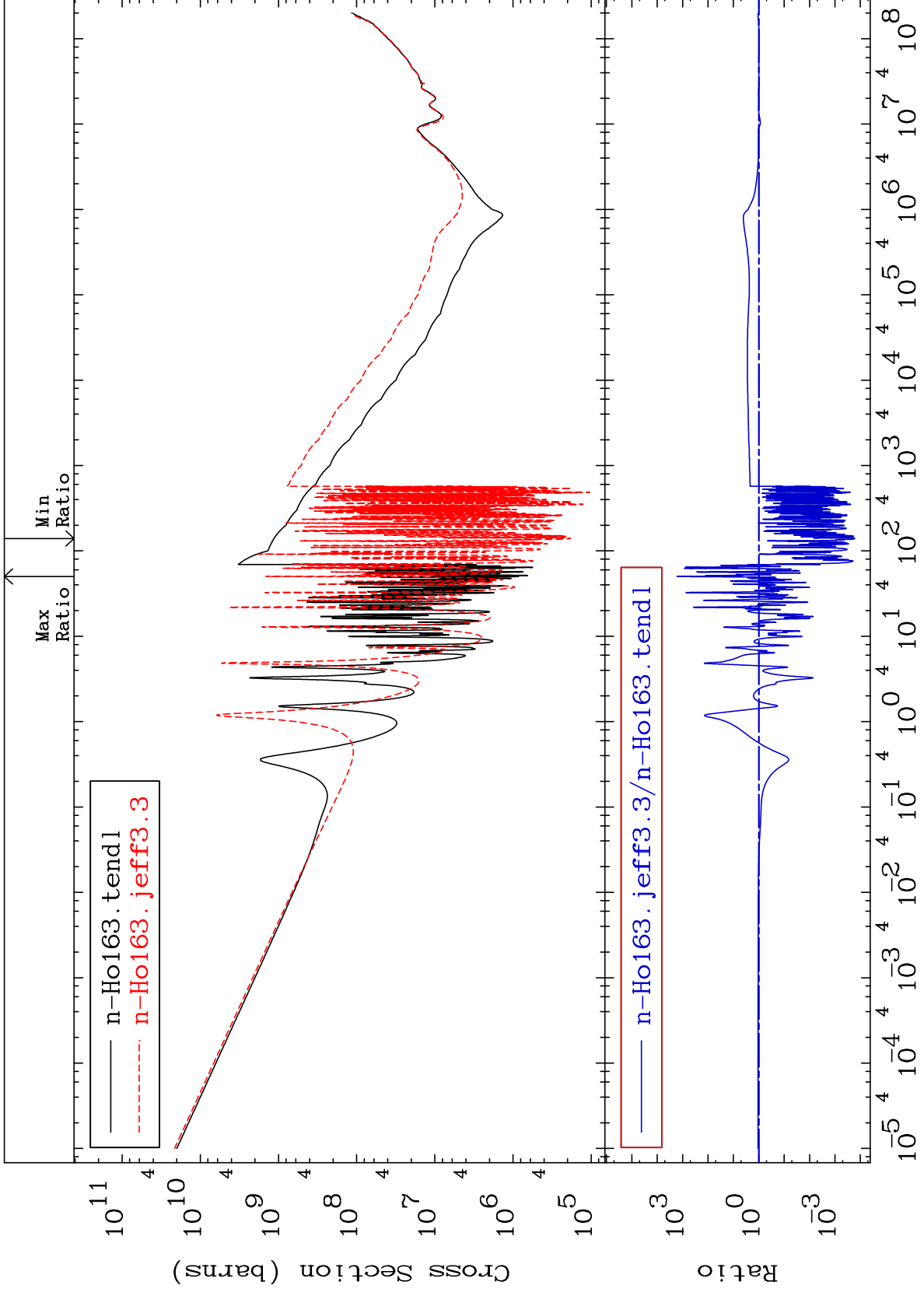


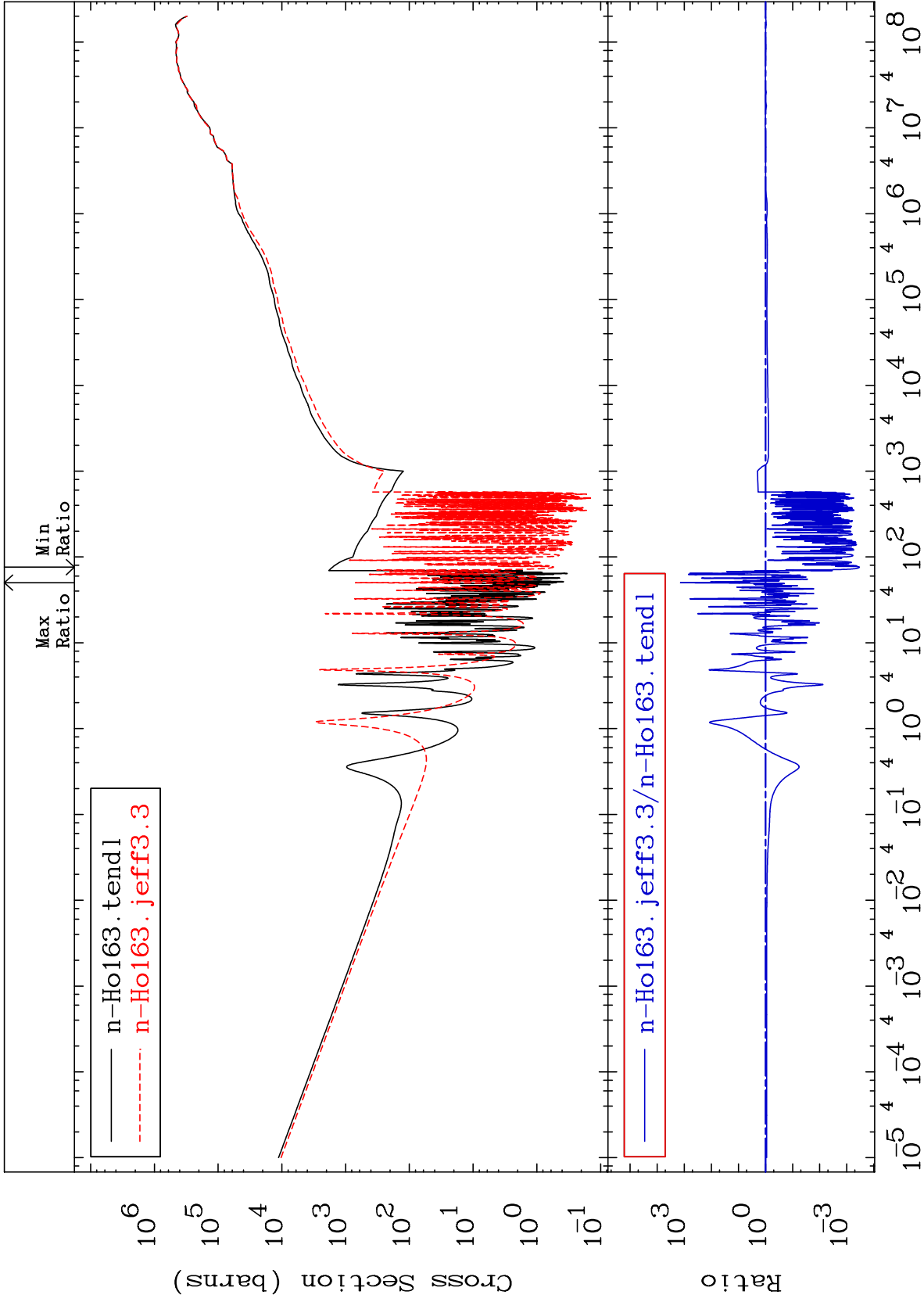
73

Incident Energy (eV)

67-Ho-163



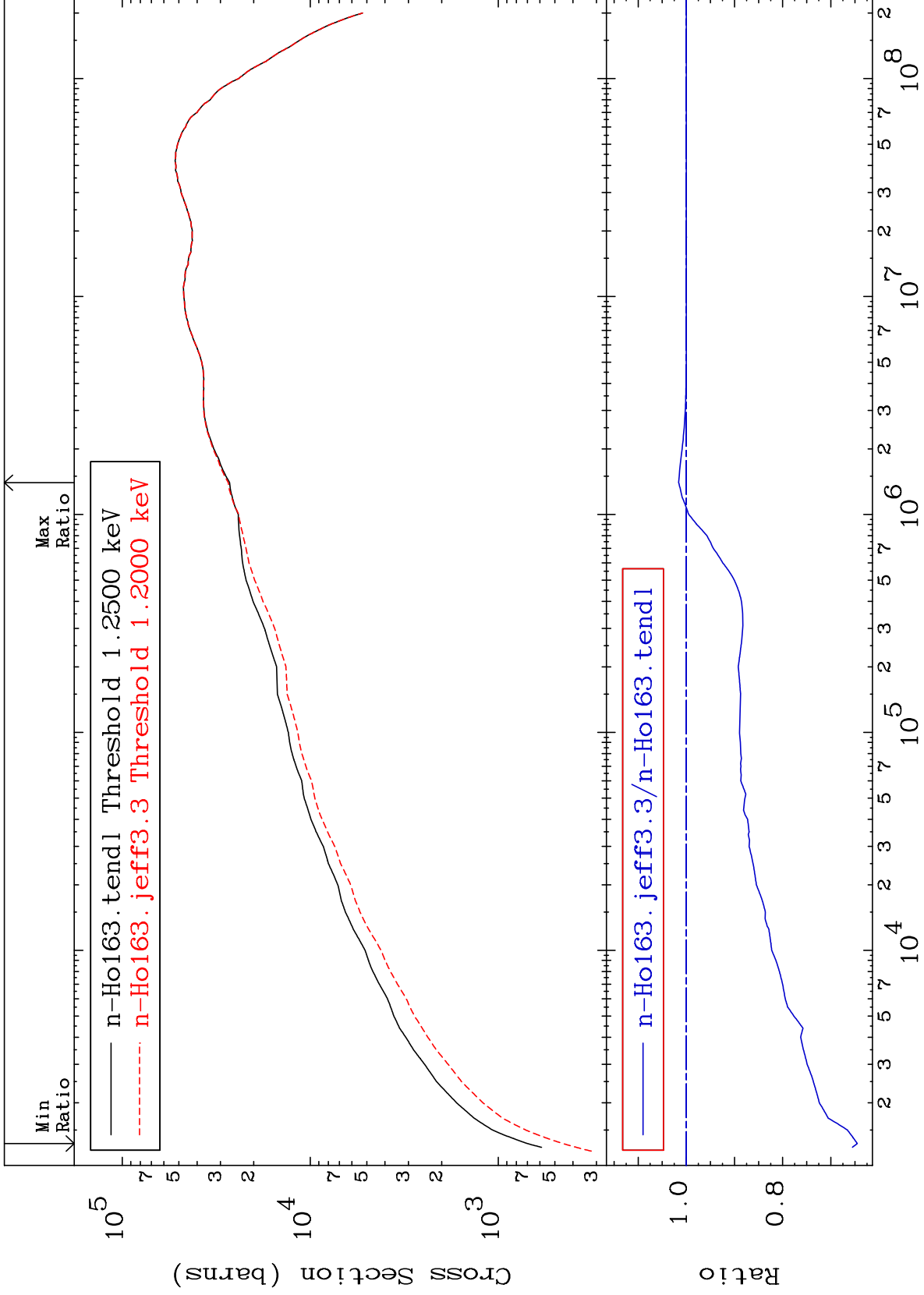




MAT 6719

Dpa elastic (mt2)
Cross Section

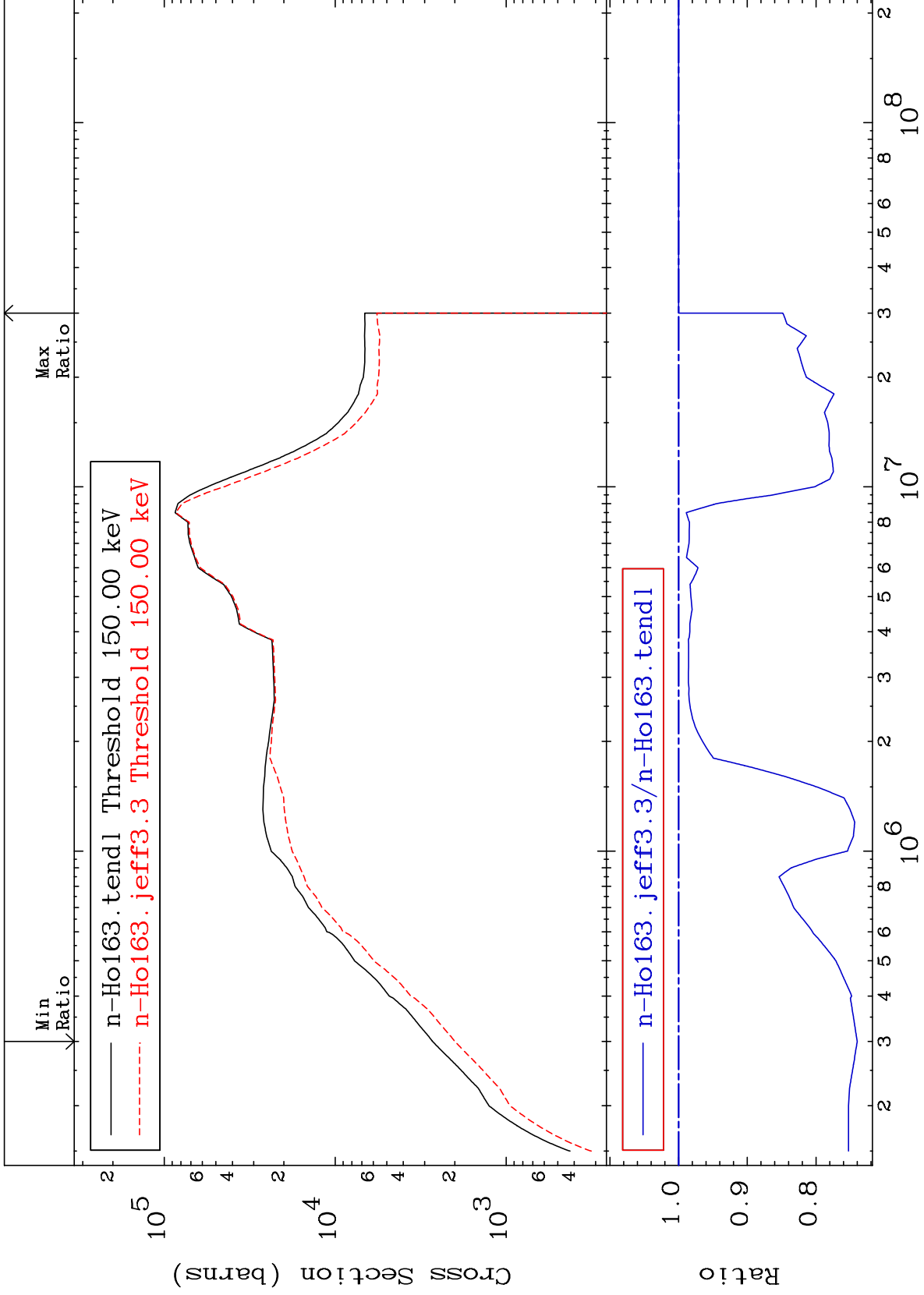
67-Ho-163
-35.48 To 1.596 %



MAT 6719

Dpa inelastic (mt51-91)
Cross Section

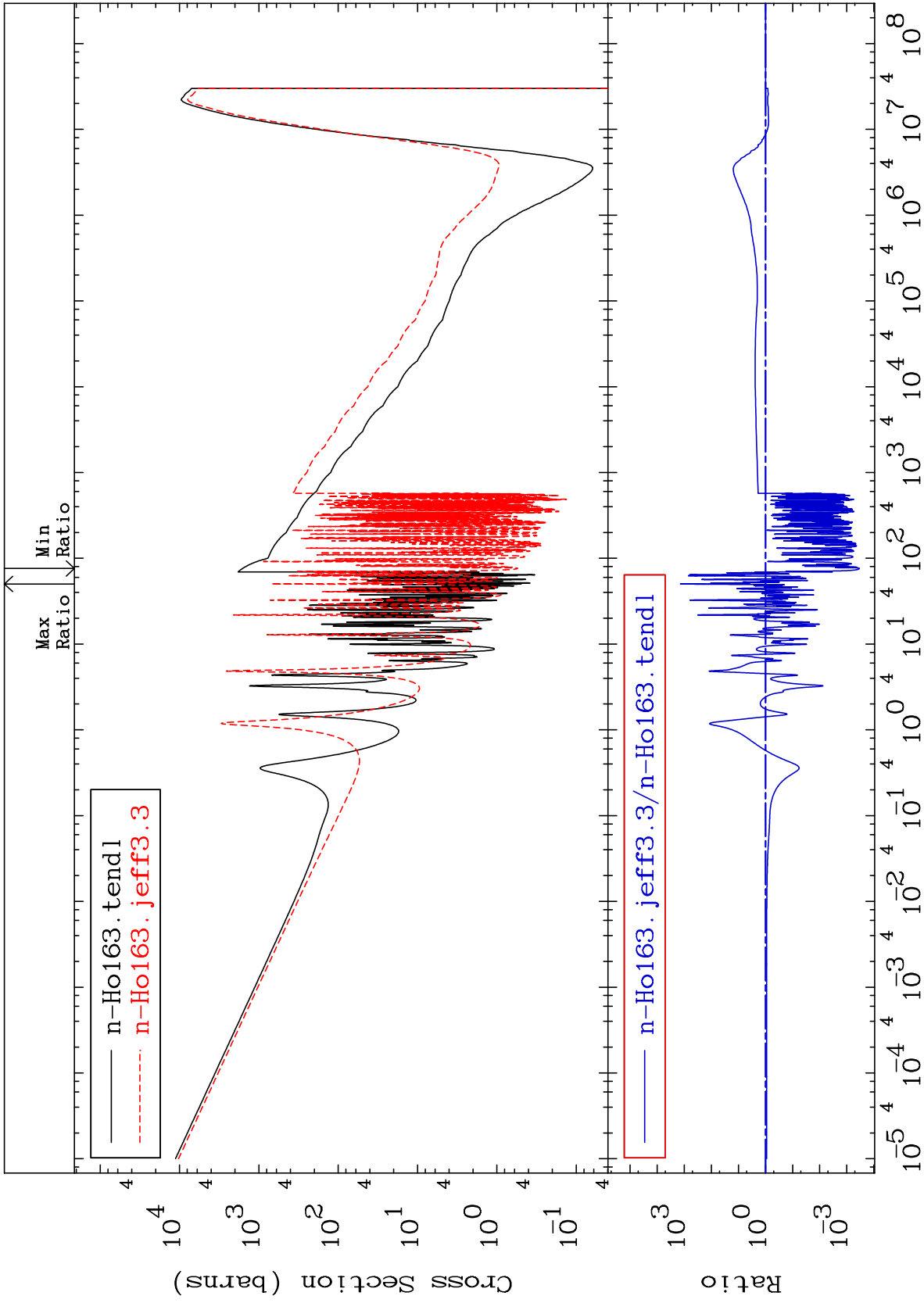
67-Ho-163
-26.01 To 0.000 %



78

Incident Energy (eV)

67-Ho-163



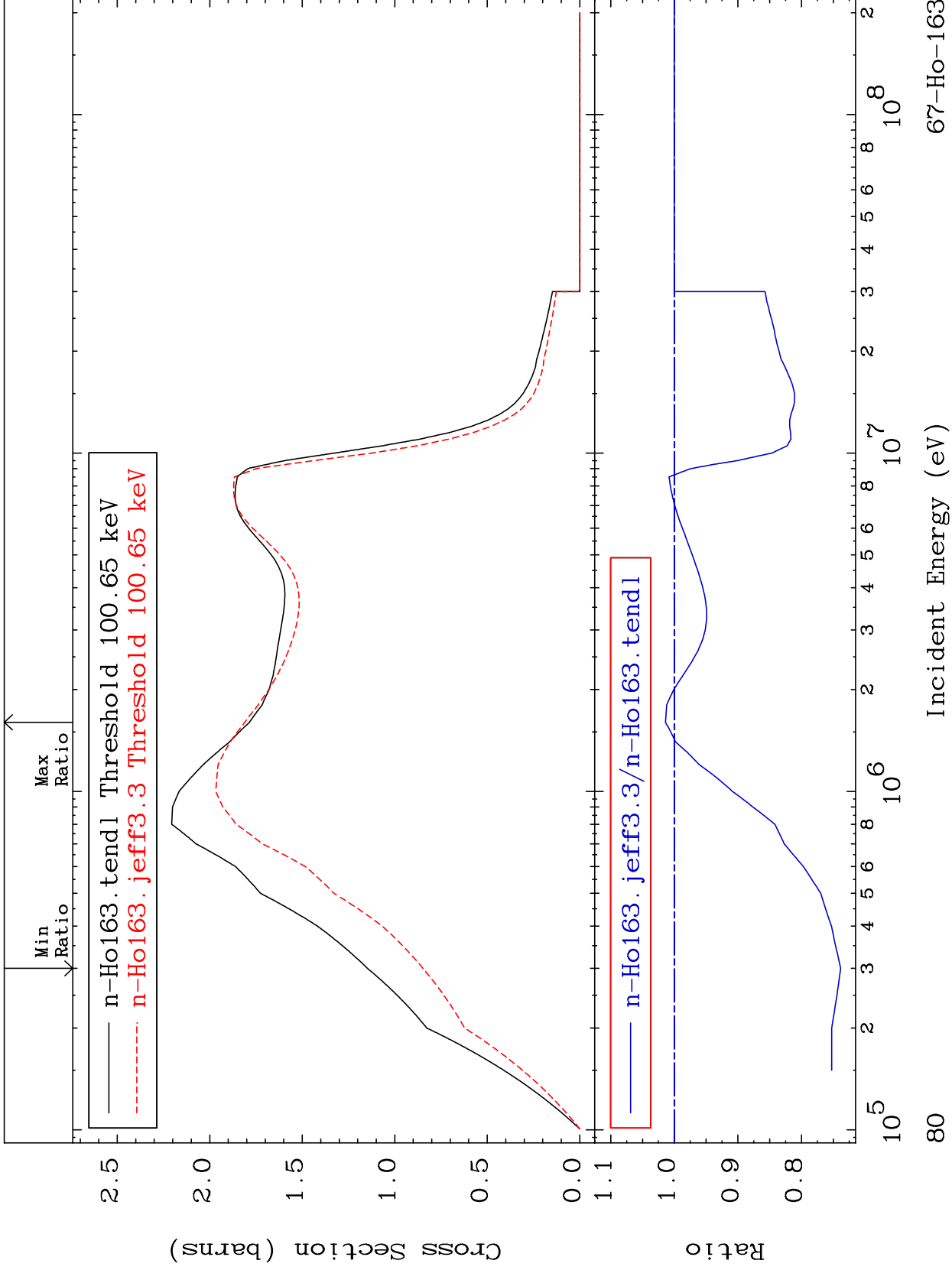
MAT 6719

Inelastic:67-Ho-163g

67-Ho-163

Radionuclide Production Cross Section

-26.16 To 1.386 %



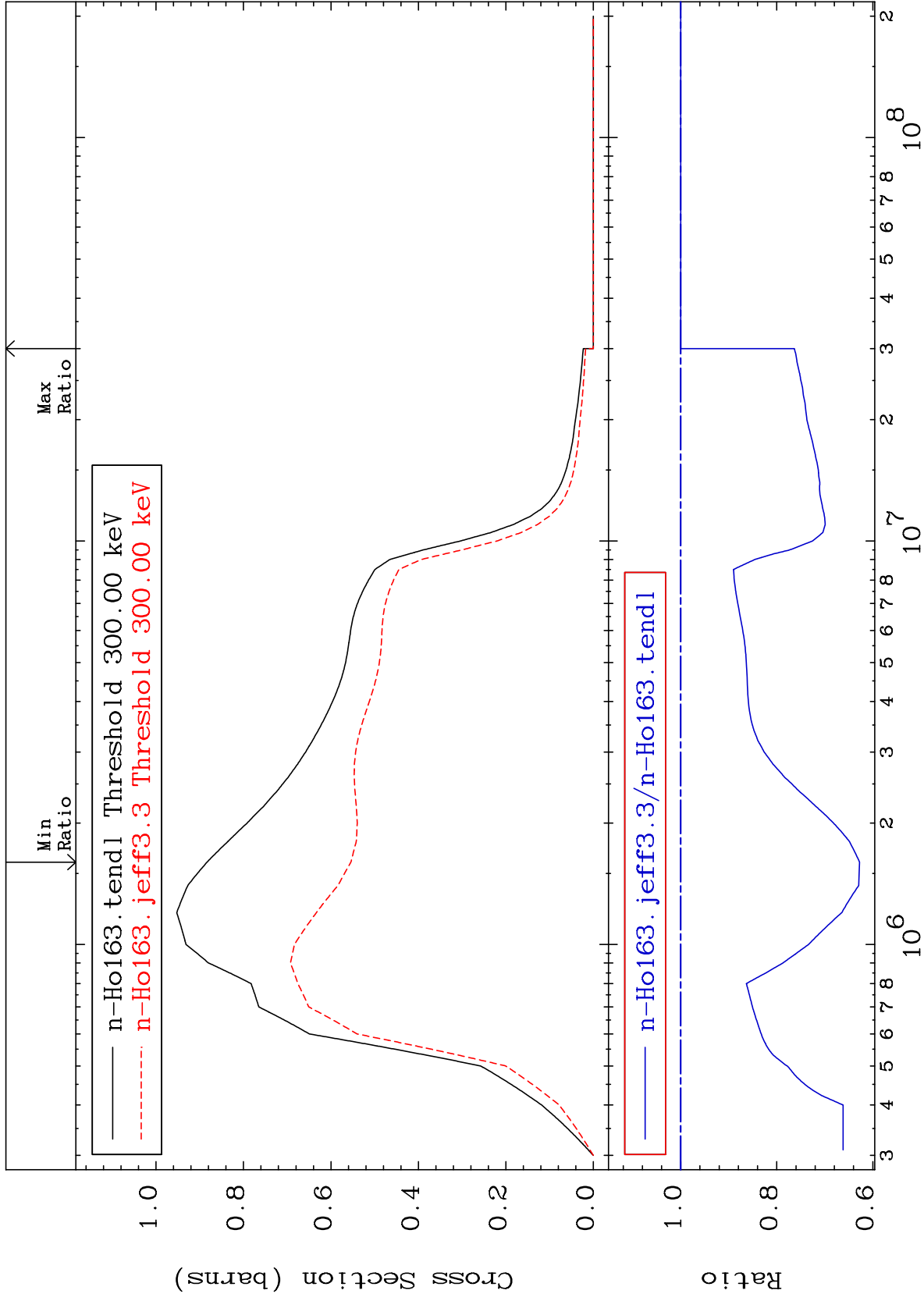
MAT 6719

Inelastic: 67-Ho-163m3

67-Ho-163

Radionuclide Production Cross Section

-37.25 To 0.000 %

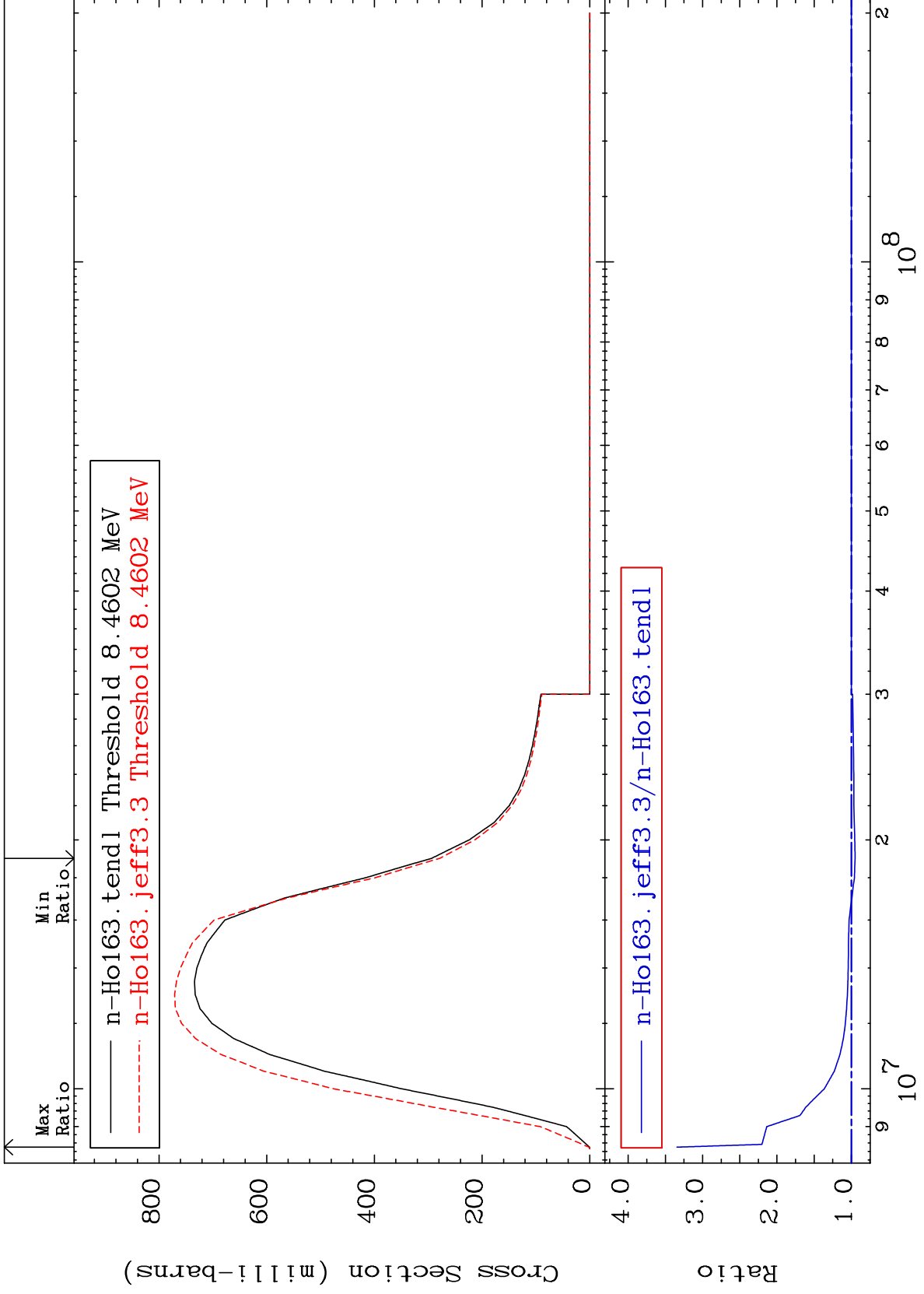


MAT 6719

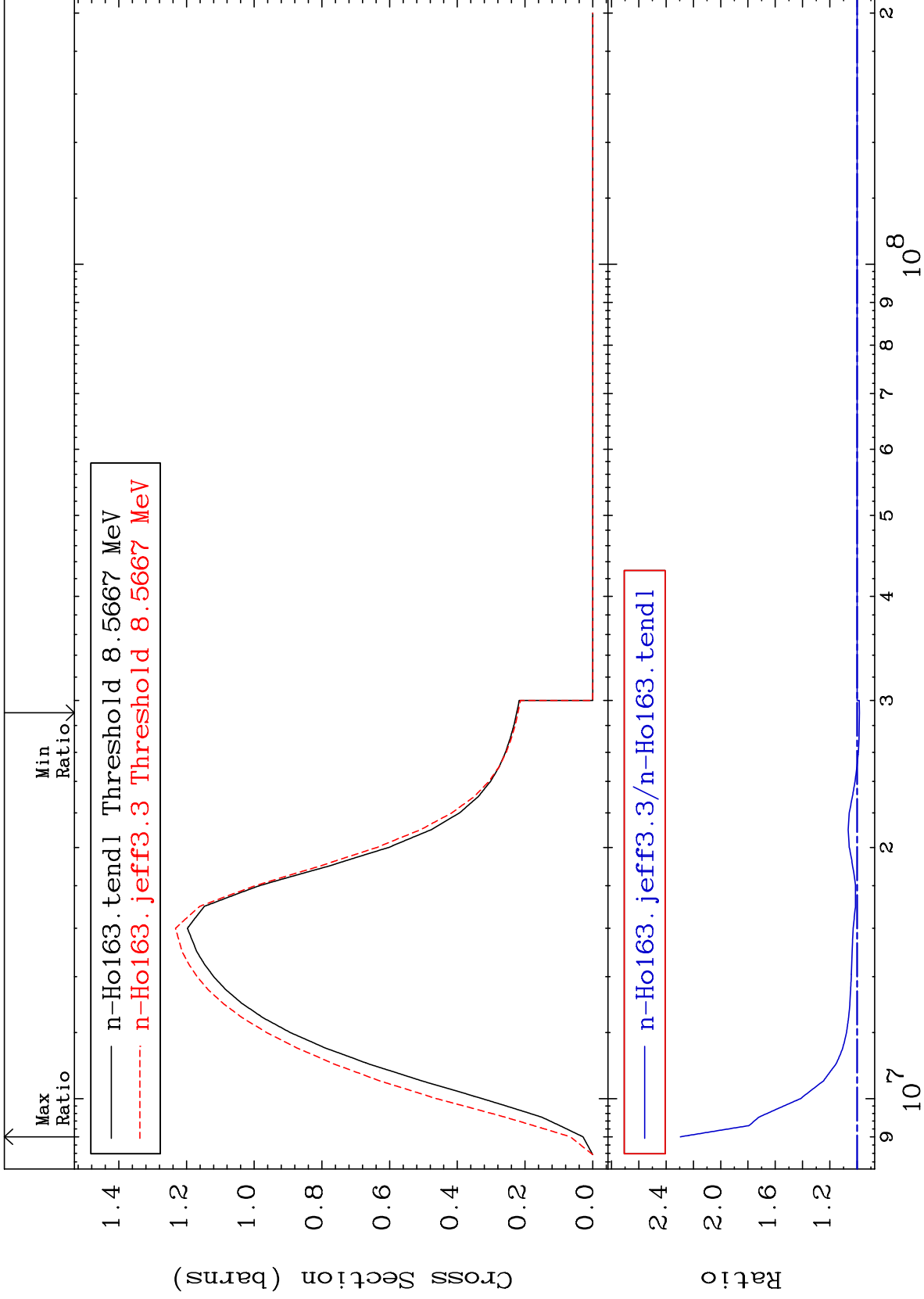
(n,2n):67-Ho-162g

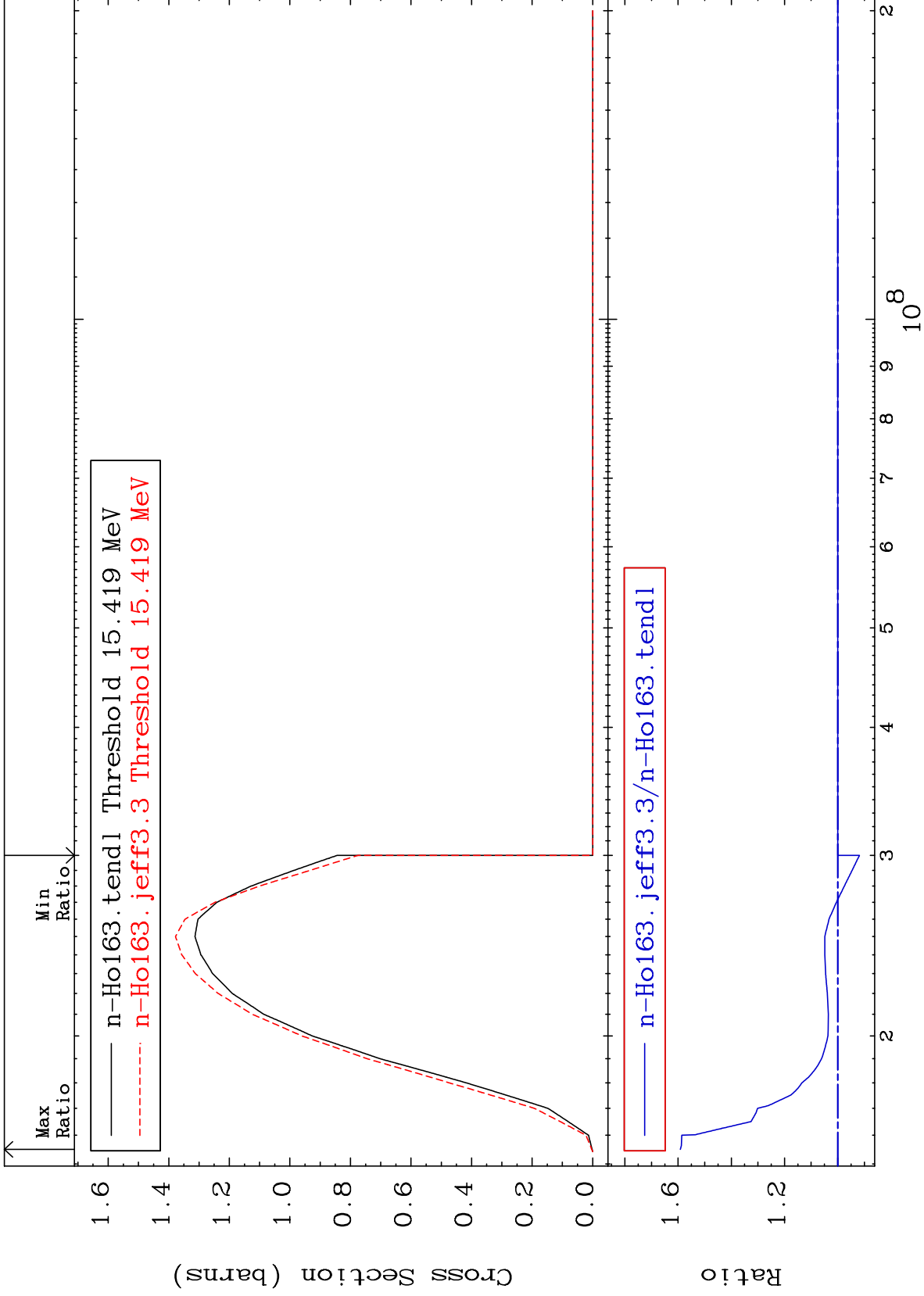
67-Ho-163

Radionuclide Production Cross Section -5.104 To 234.5 %



Radionuclide Production Cross Section -1.648 To 129.5 %





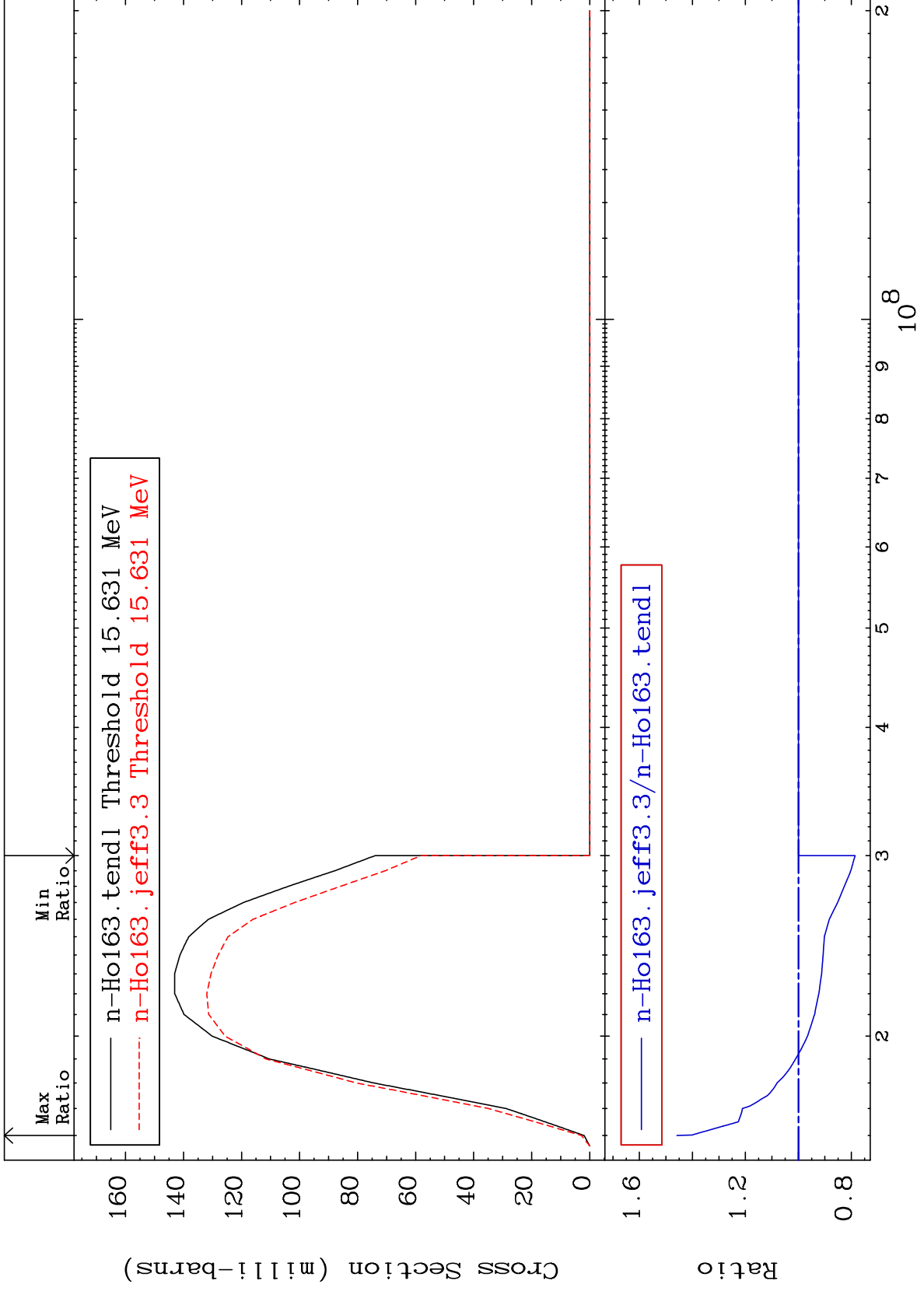
MAT 6719

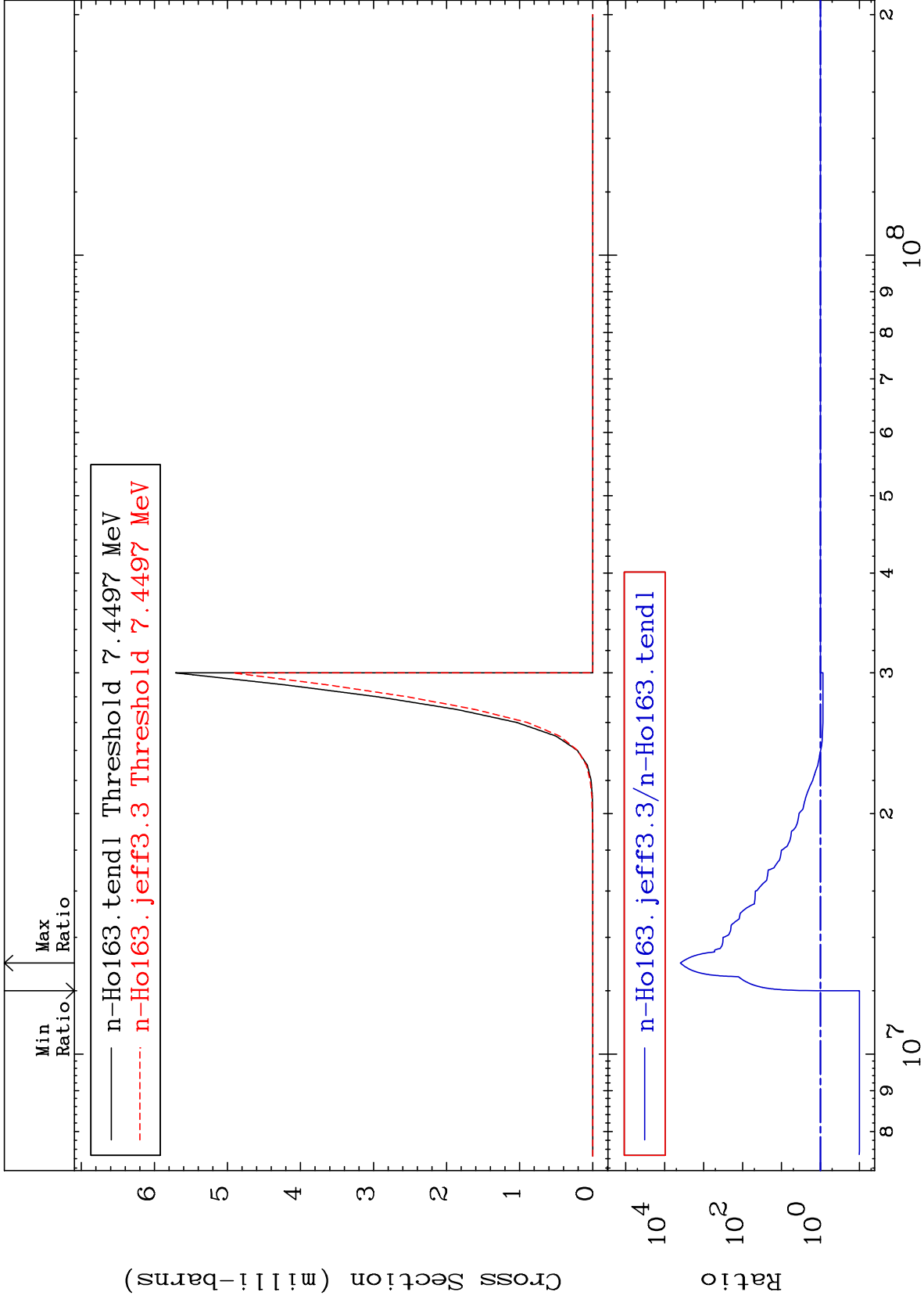
(n,3n):67-Ho-161m2

67-Ho-163

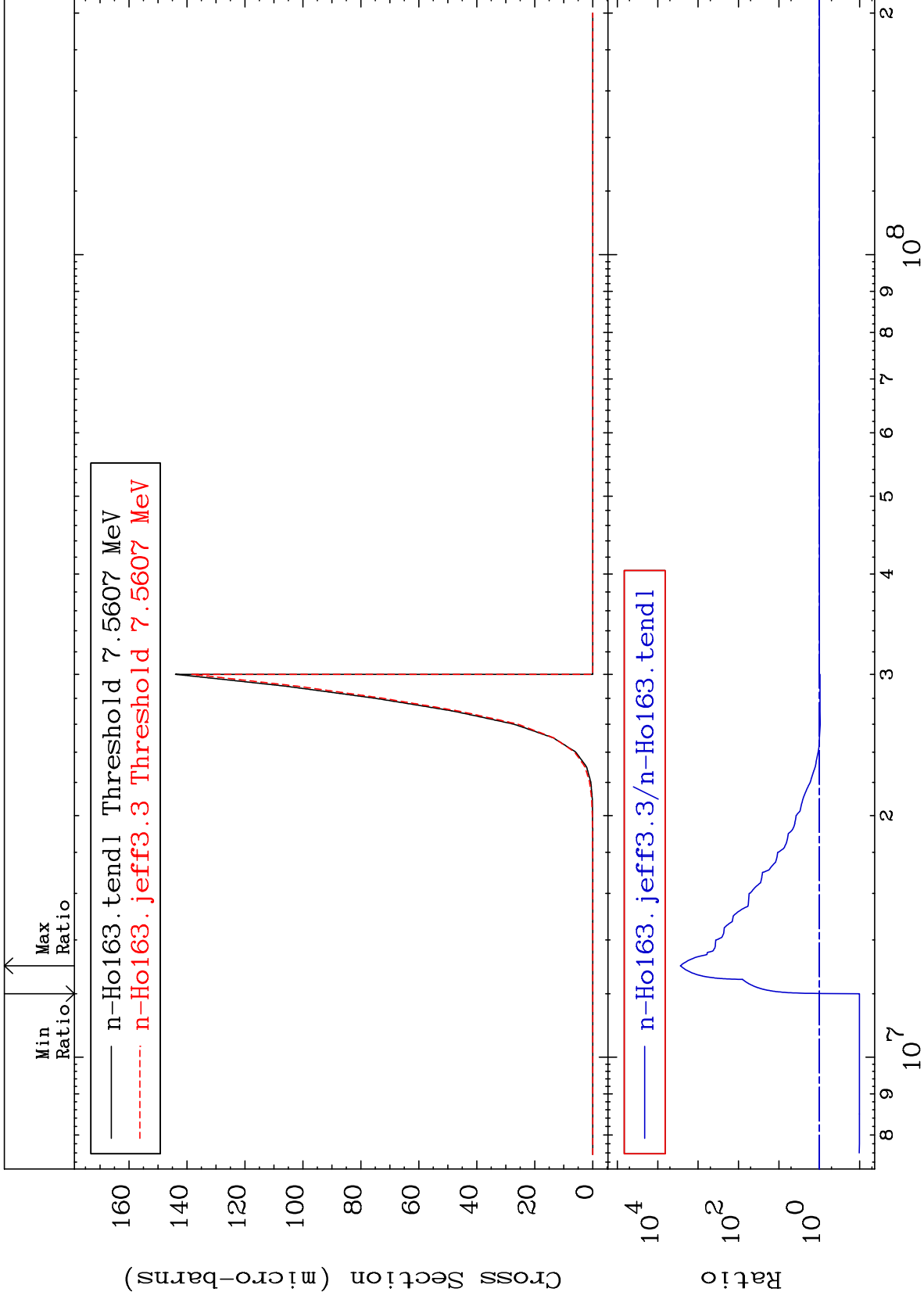
Radionuclide Production Cross Section

-21.41 To 45.84 %





Radionuclide Production Cross Section -89.83 To 9999. %



MAT 6719

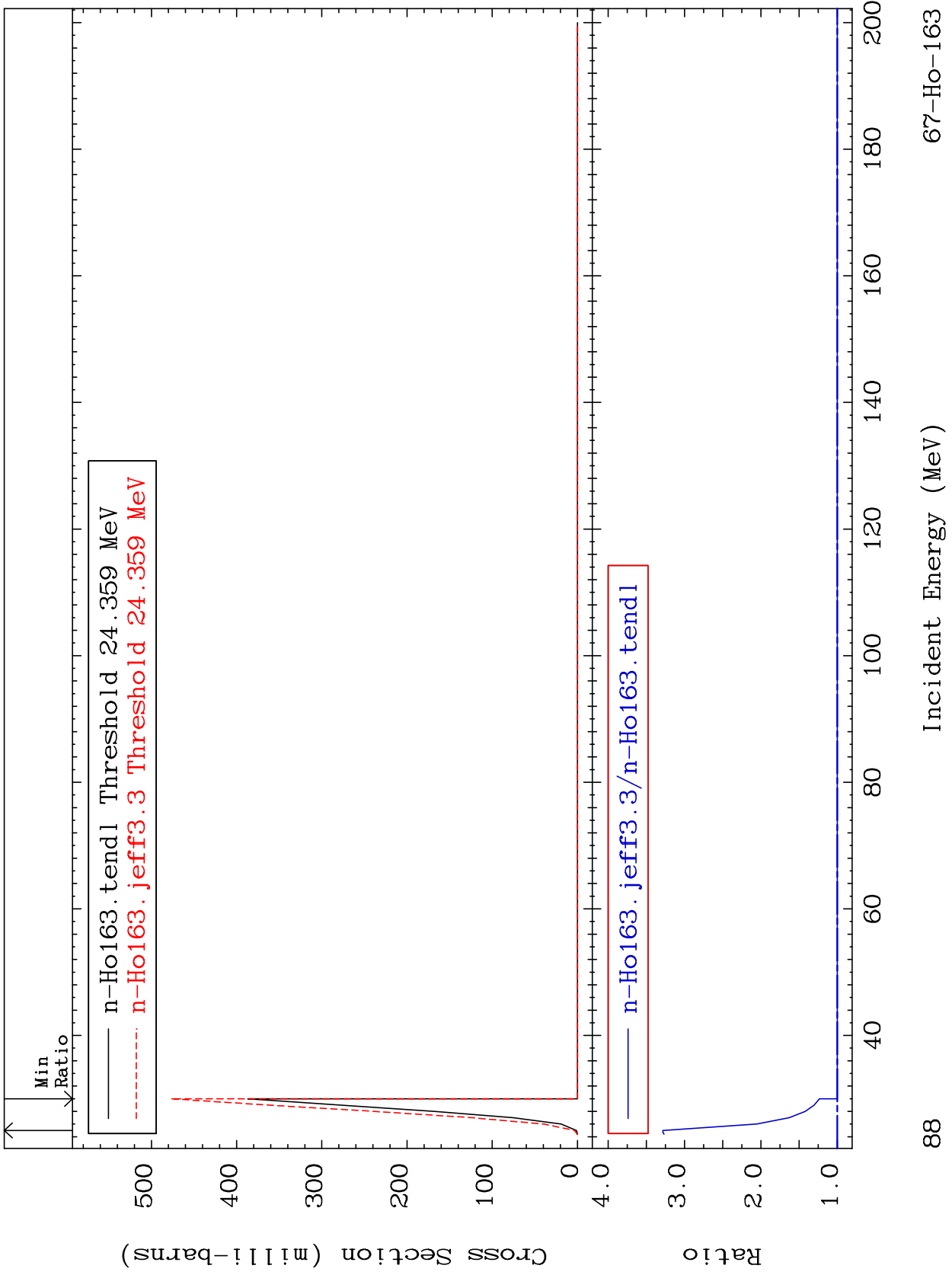
(n, 4n) : 67-Ho-160g

67-Ho-163

Radionuclide Production Cross Section

0.000

To 228.4 %

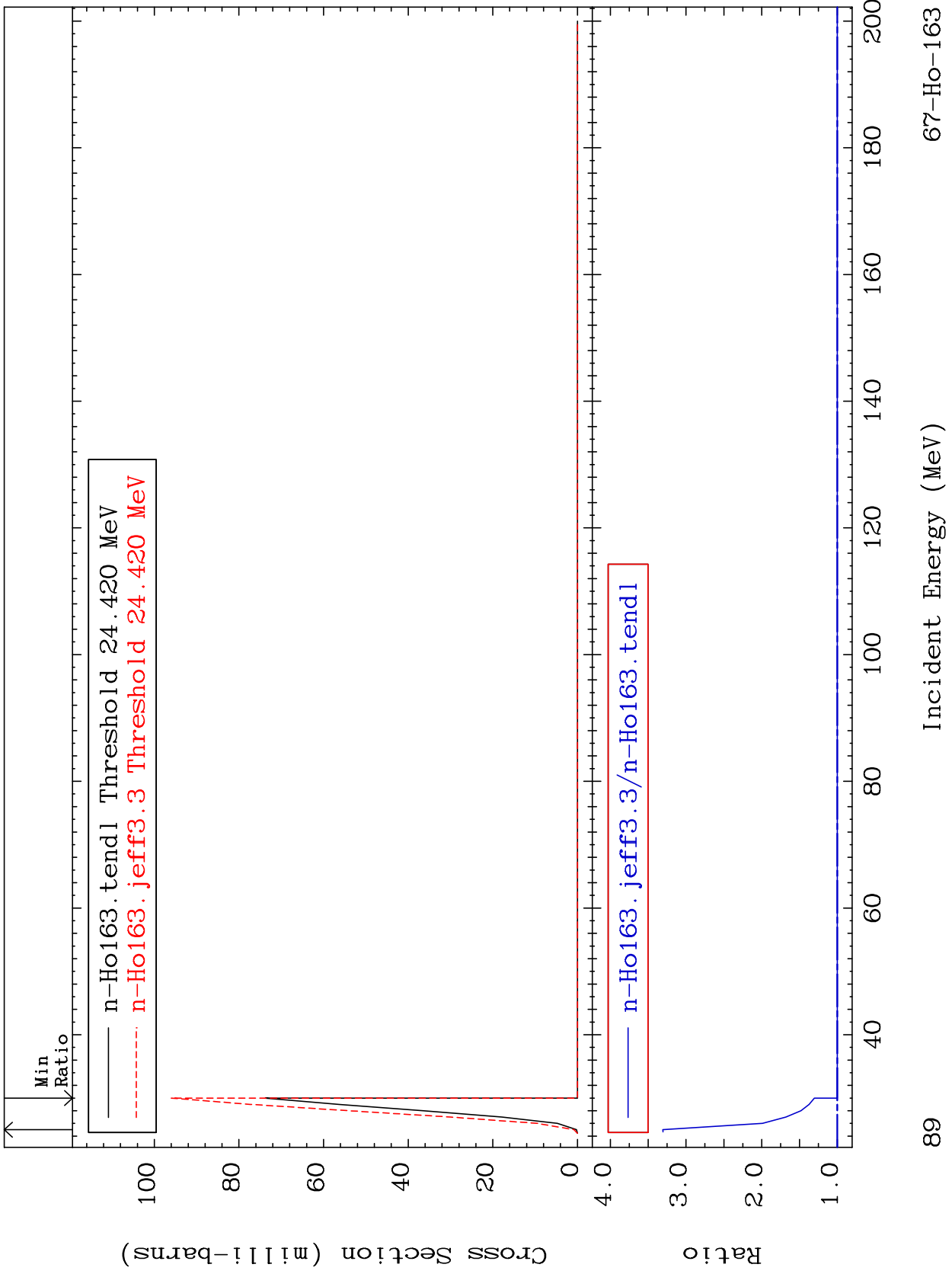


MAT 6719

(n, 4n) : 67-Ho-160m1

67-Ho-163

Radionuclide Production Cross Section 0.000 To 230.7 %



MAT 6719

(n, 4n) : 67-Ho-160m9

67-Ho-163

Radionuclide Production Cross Section 0.000 To 236.6 %

