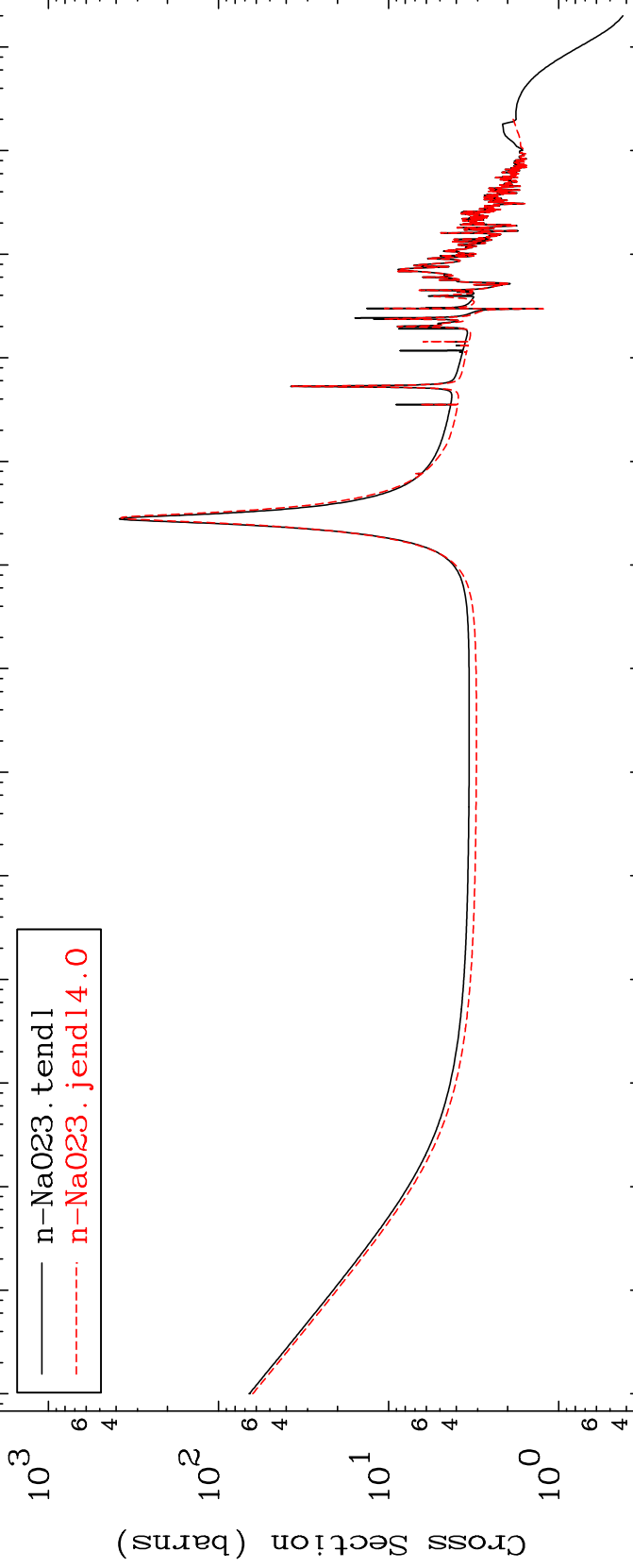


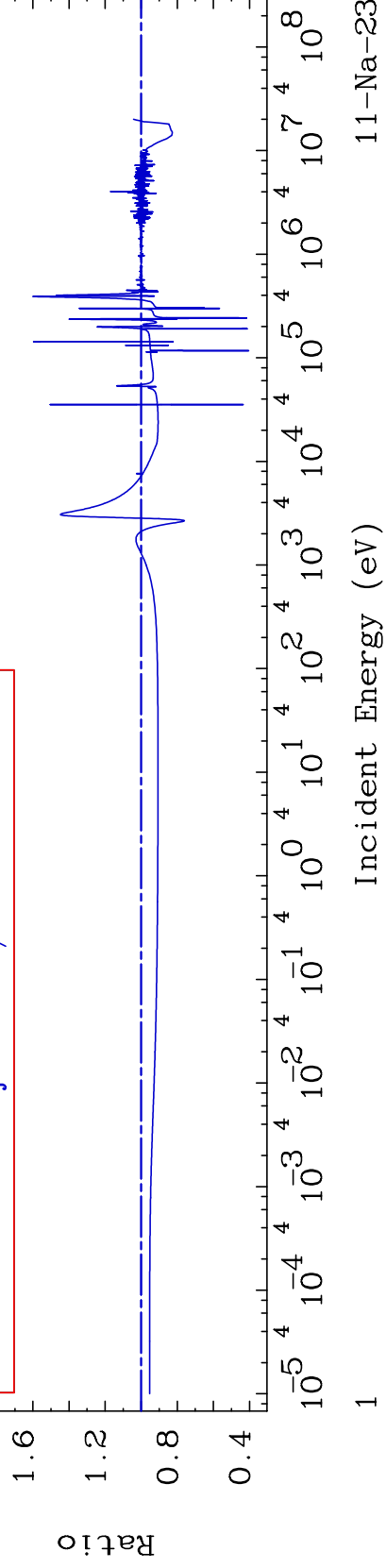
MAT 1125

Total
Cross Section

11-Na-23
-59.50 To 60.28 %



n-Na023.jendl4.0/n-Na023.tendl

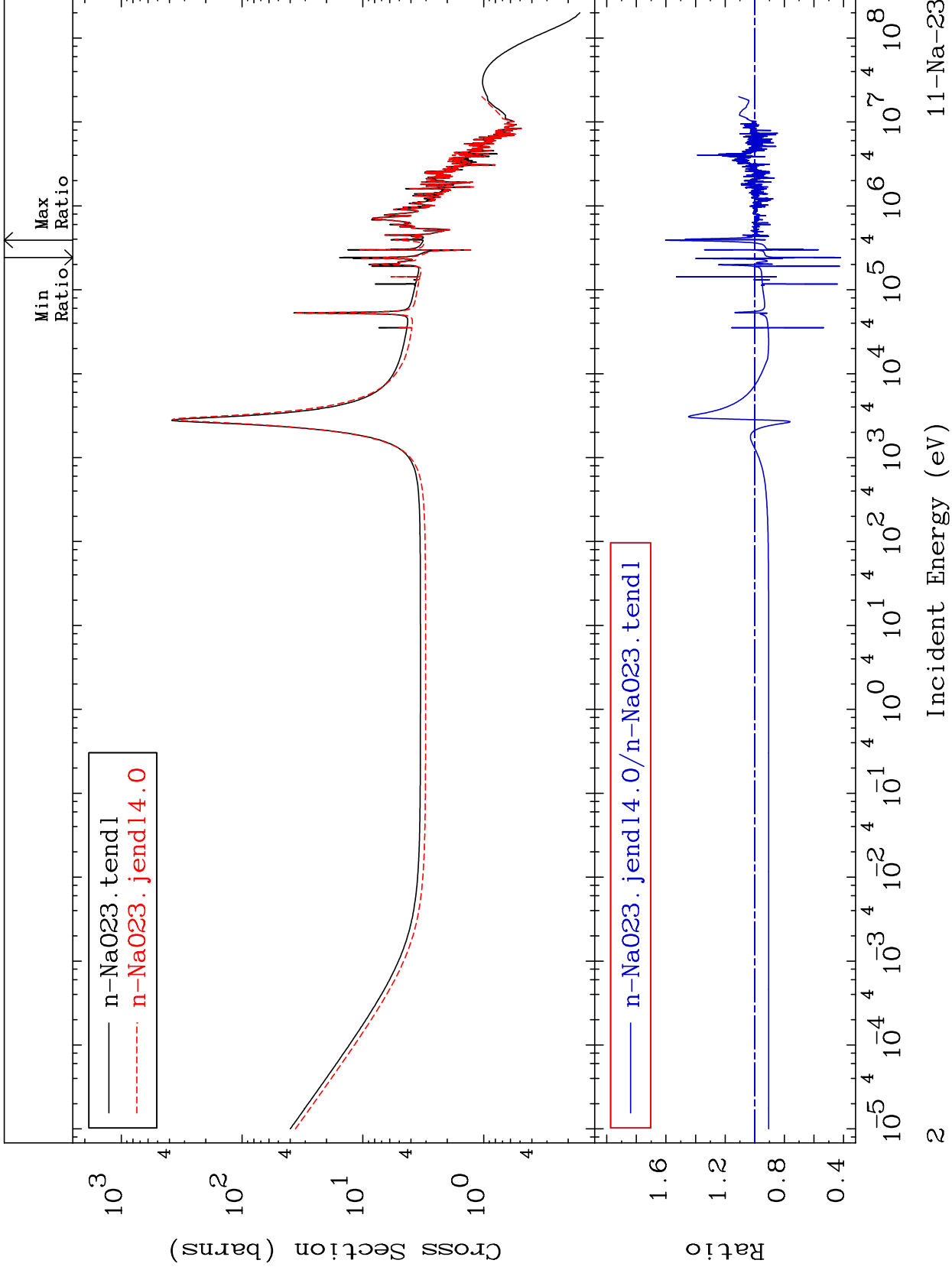


11-Na-23

MAT 1125

Elastic
Cross Section

11-Na-23
-58.06 To 60.31 %

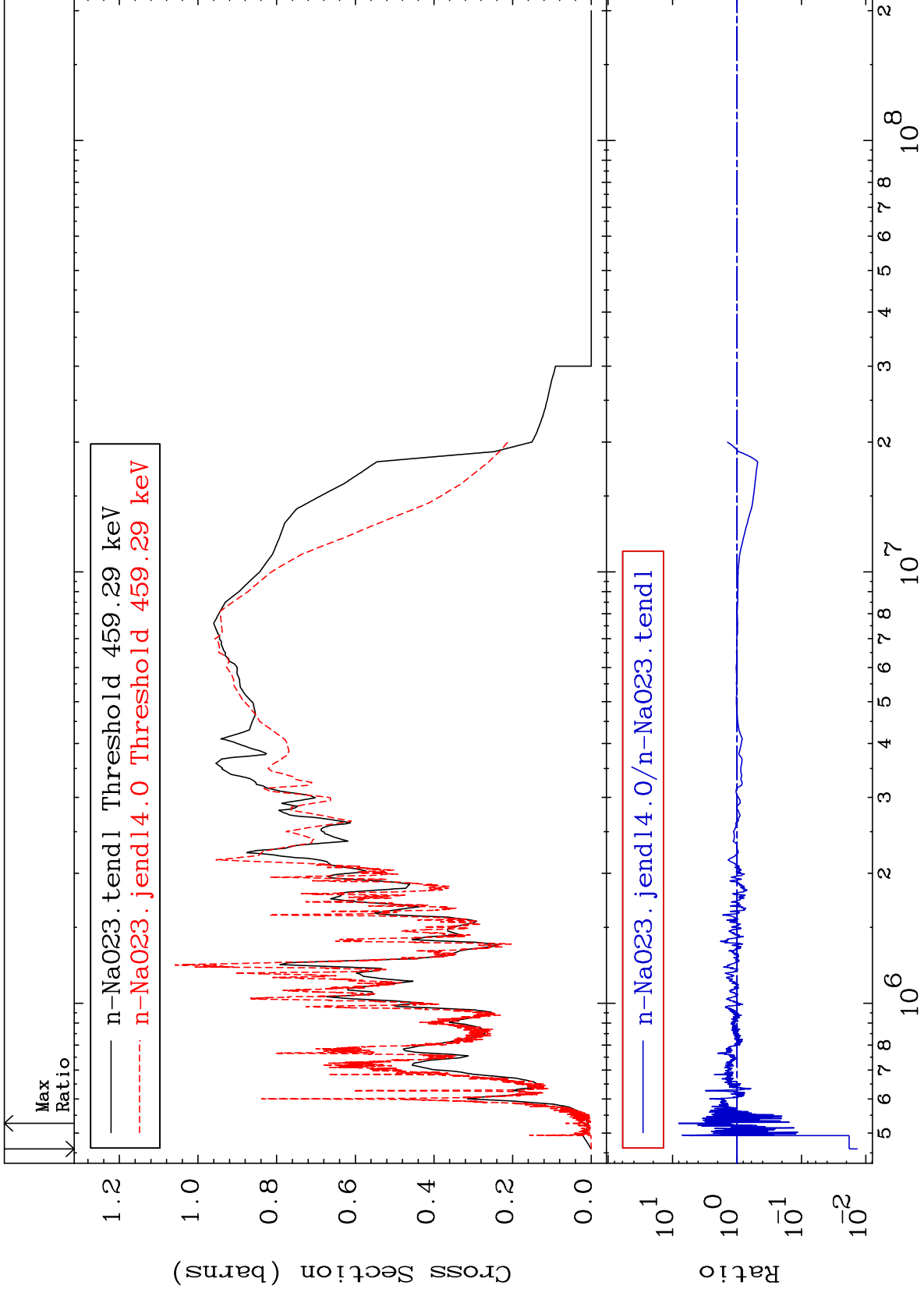


11-Na-23

MAT 1125

Inelastic
Cross Section

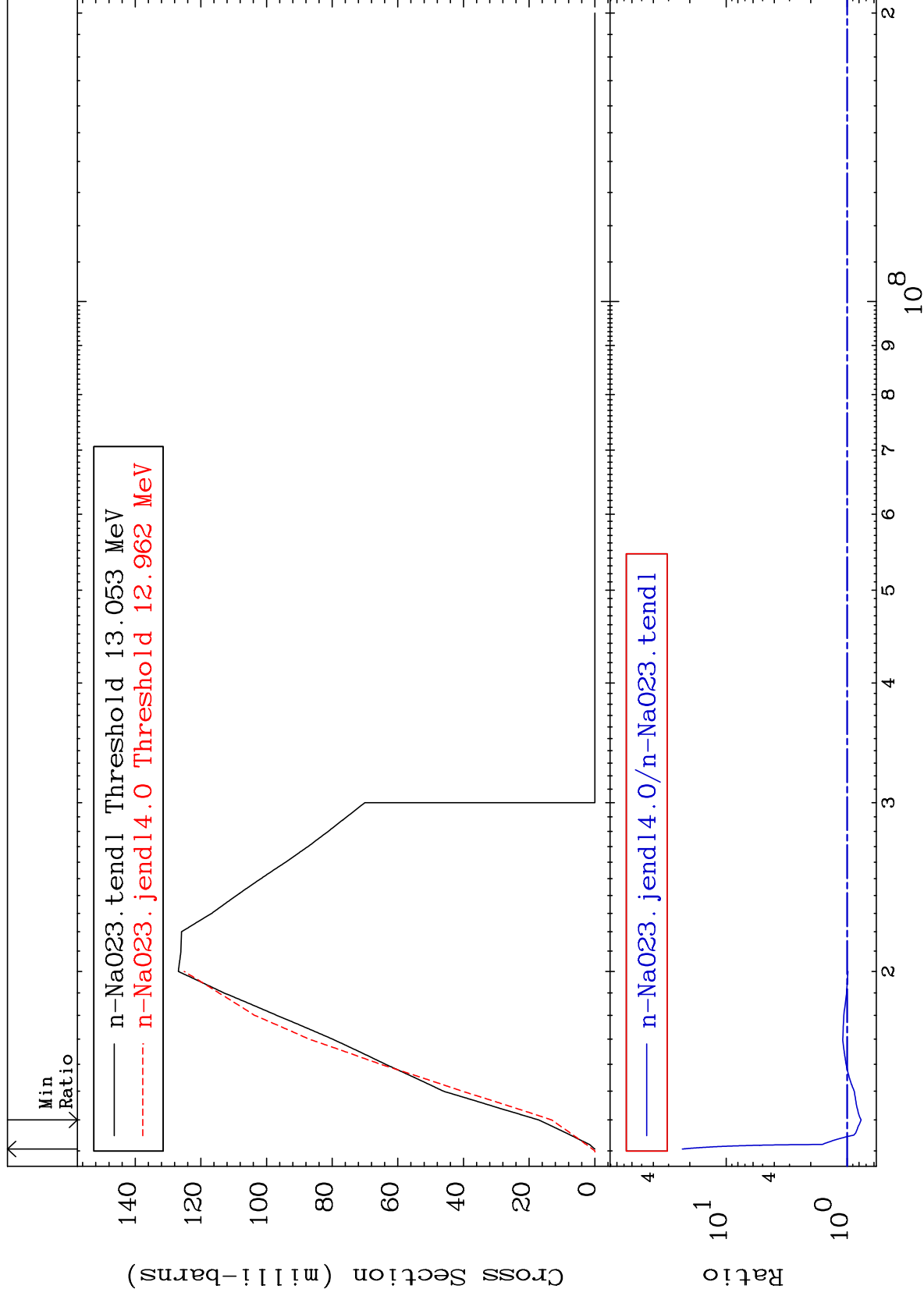
11-Na-23
-98.64 To 706.0 %



MAT 1125

(n,2n)
Cross Section

11-Na-23
-23.17 To 2204. %



4

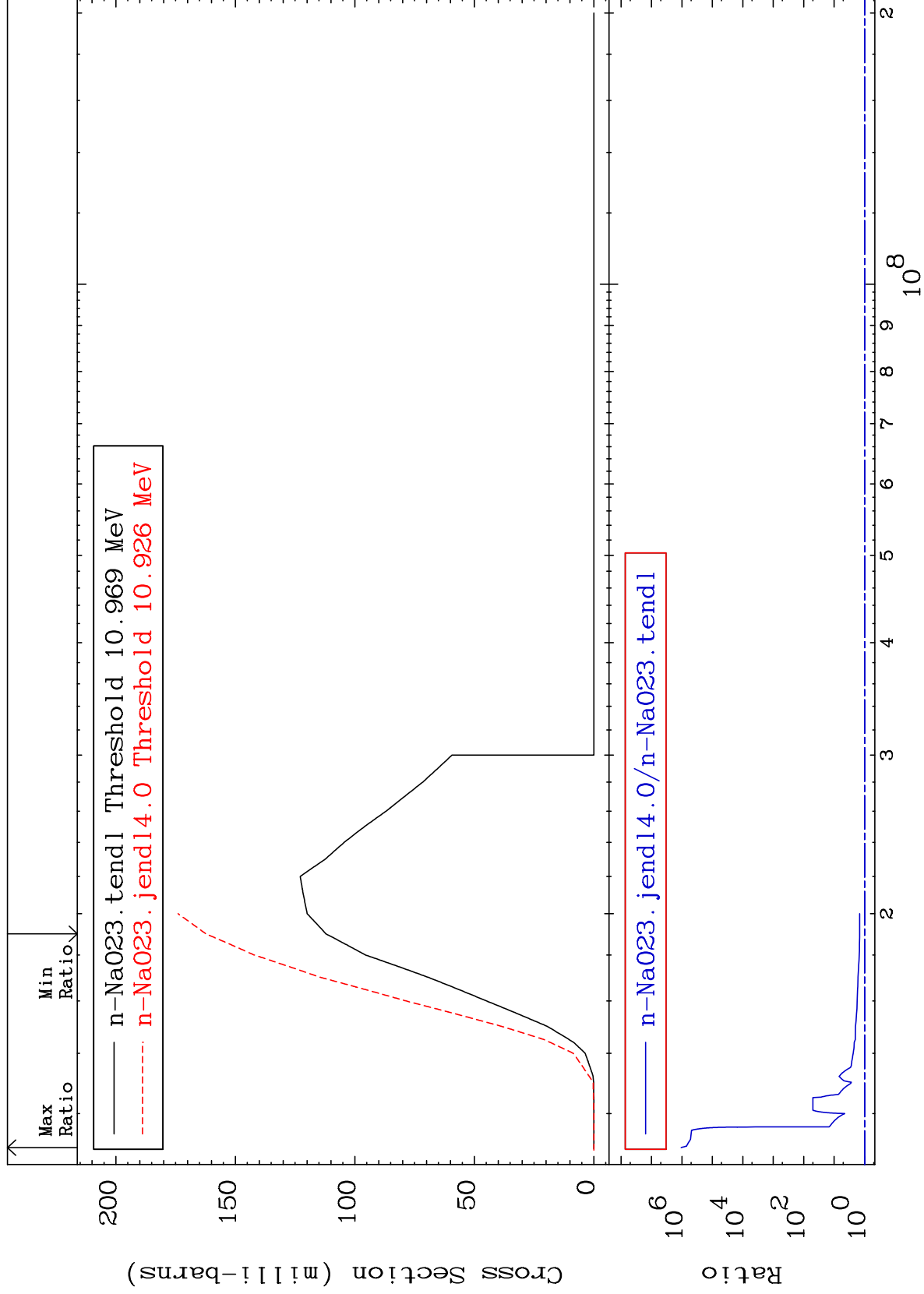
Incident Energy (eV)

11-Na-23

MAT 1125

(n,n') α
Cross Section

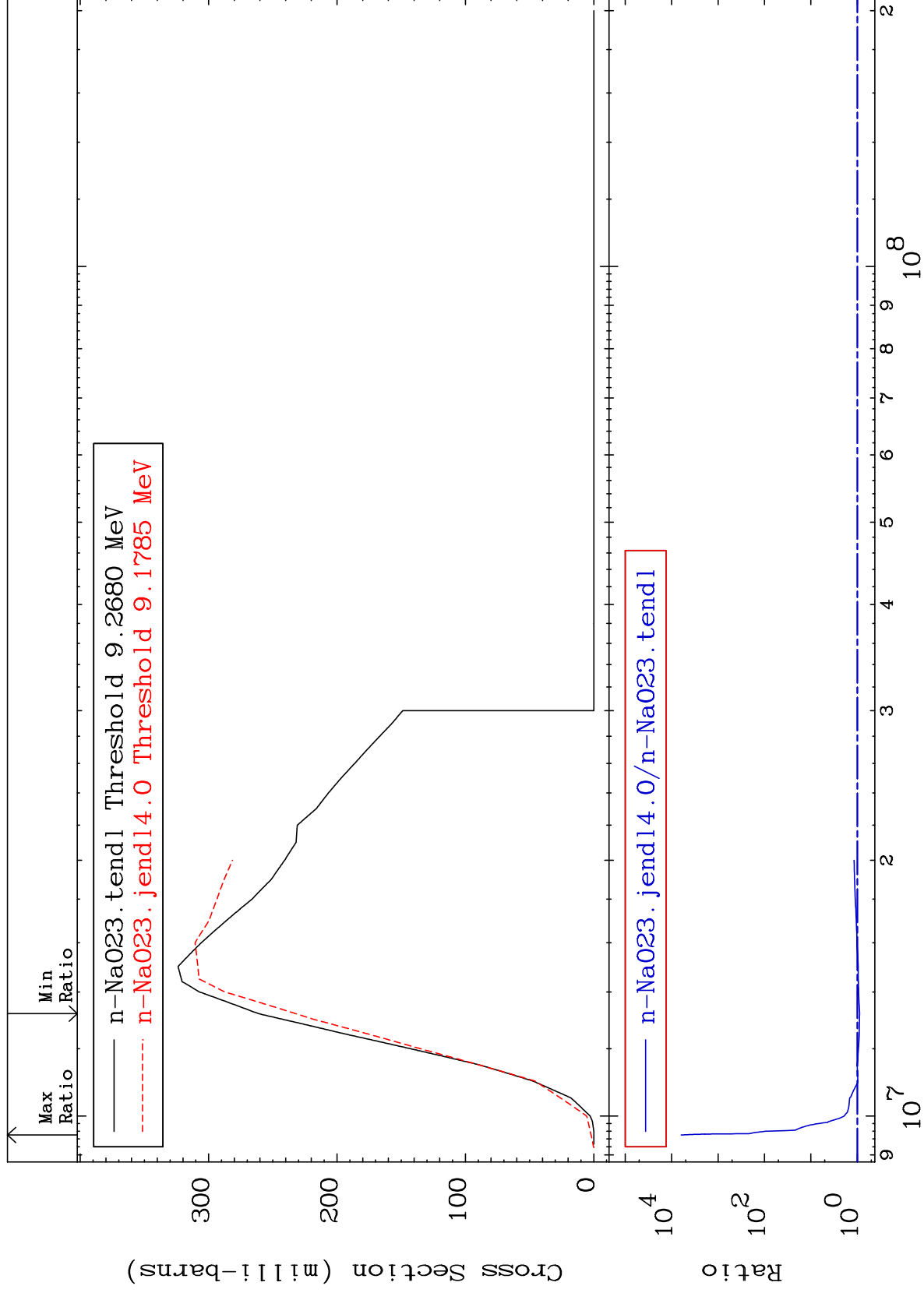
11-Na-23
44.82 To 9999. %



MAT 1125

(n,n') p
Cross Section

11-Na-23
-11.14 To 9999. %



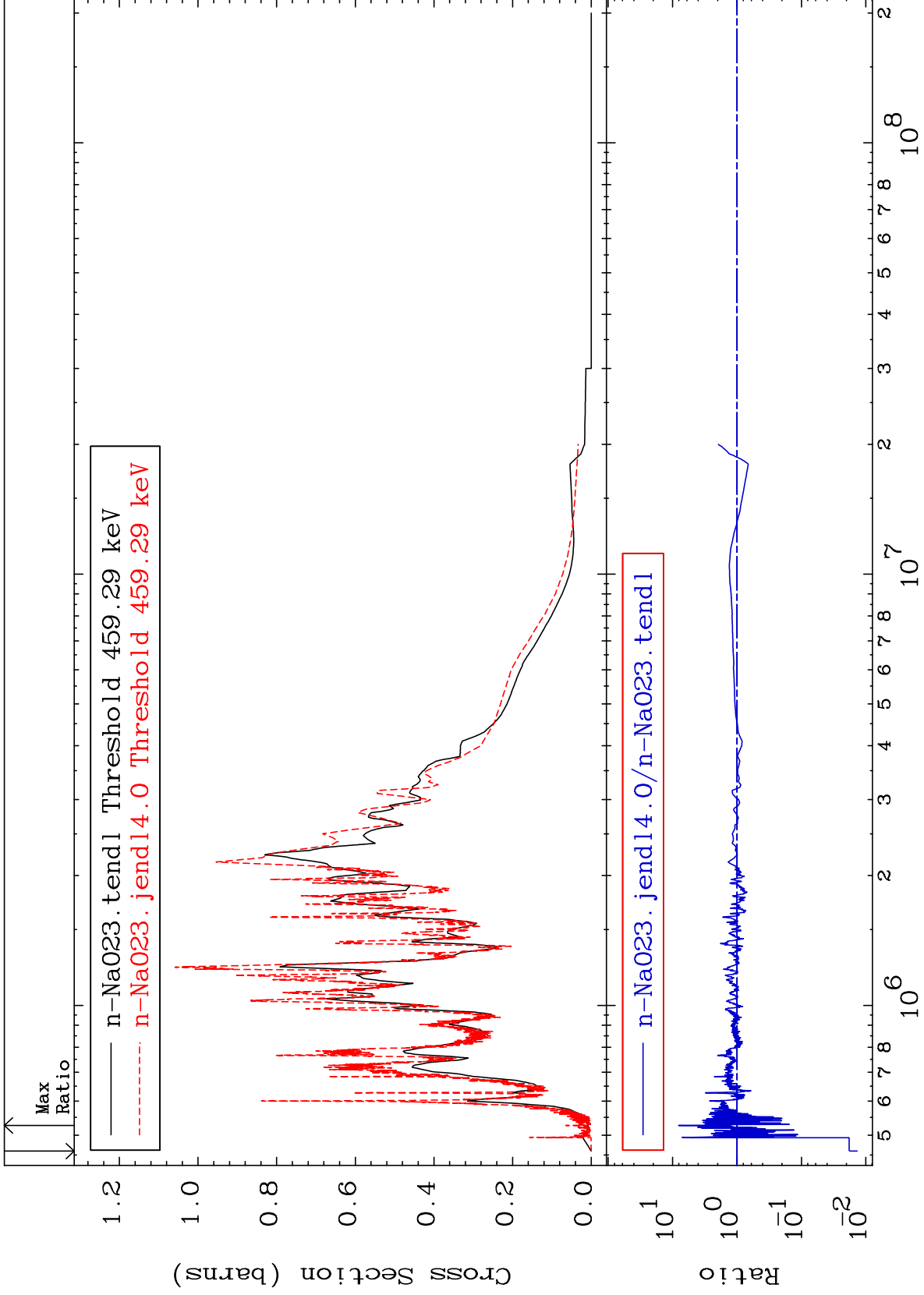
11-Na-23

Incident Energy (eV)

MAT 1125

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

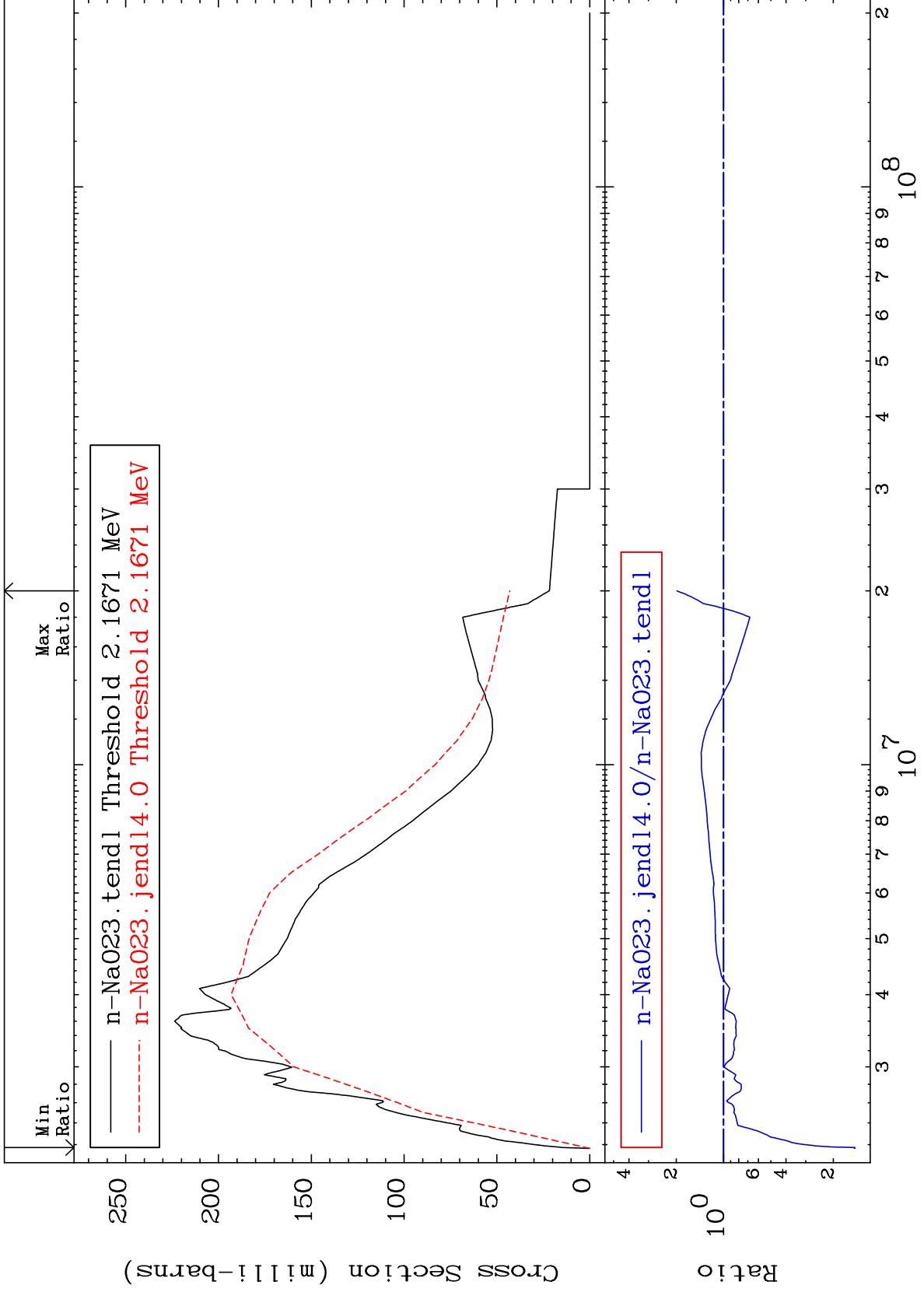
11-Na-23
-98.64 To 706.0 %



MAT 1125

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

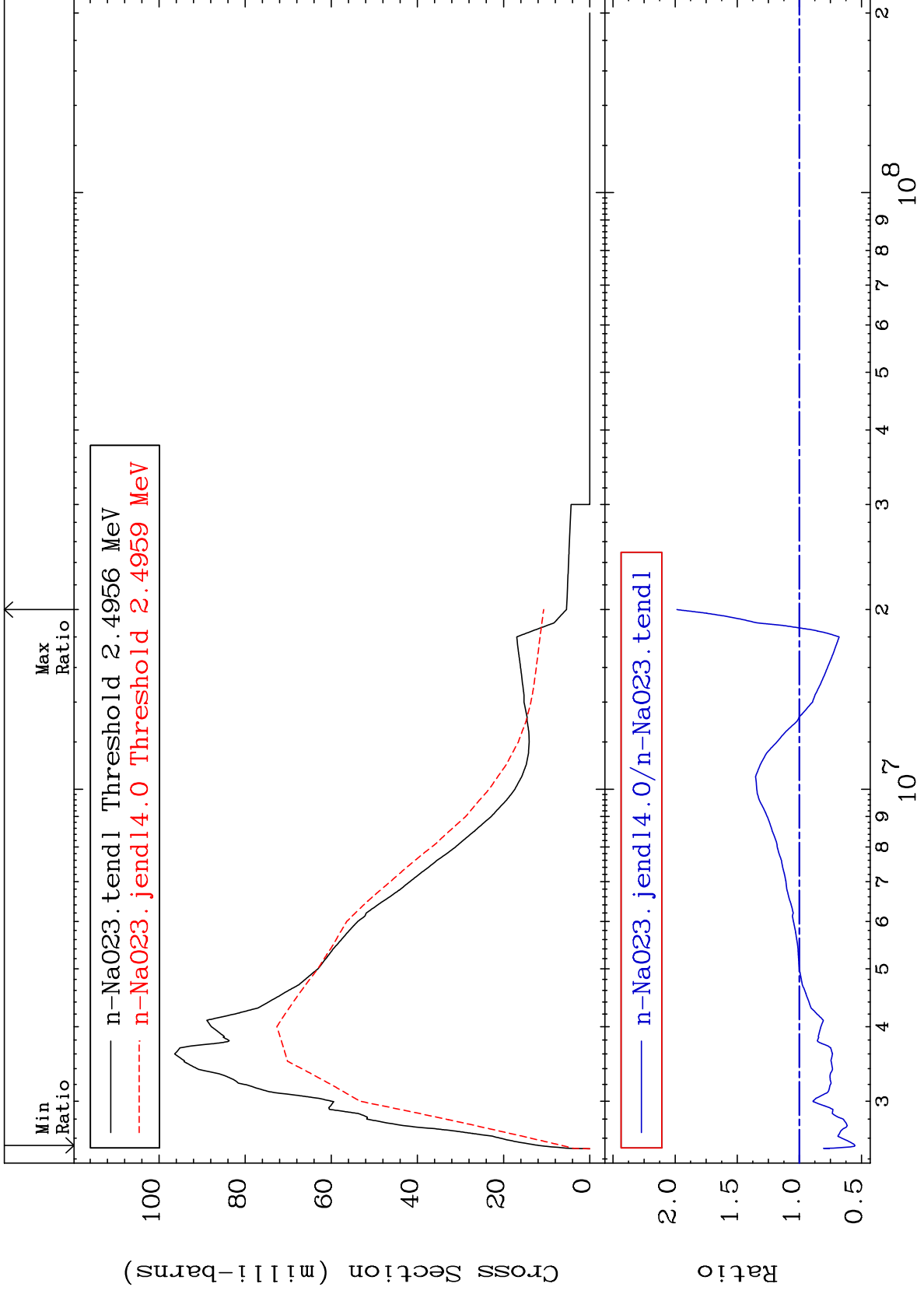
11-Na-23
-85.47 To 97.90 %



MAT 1125

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

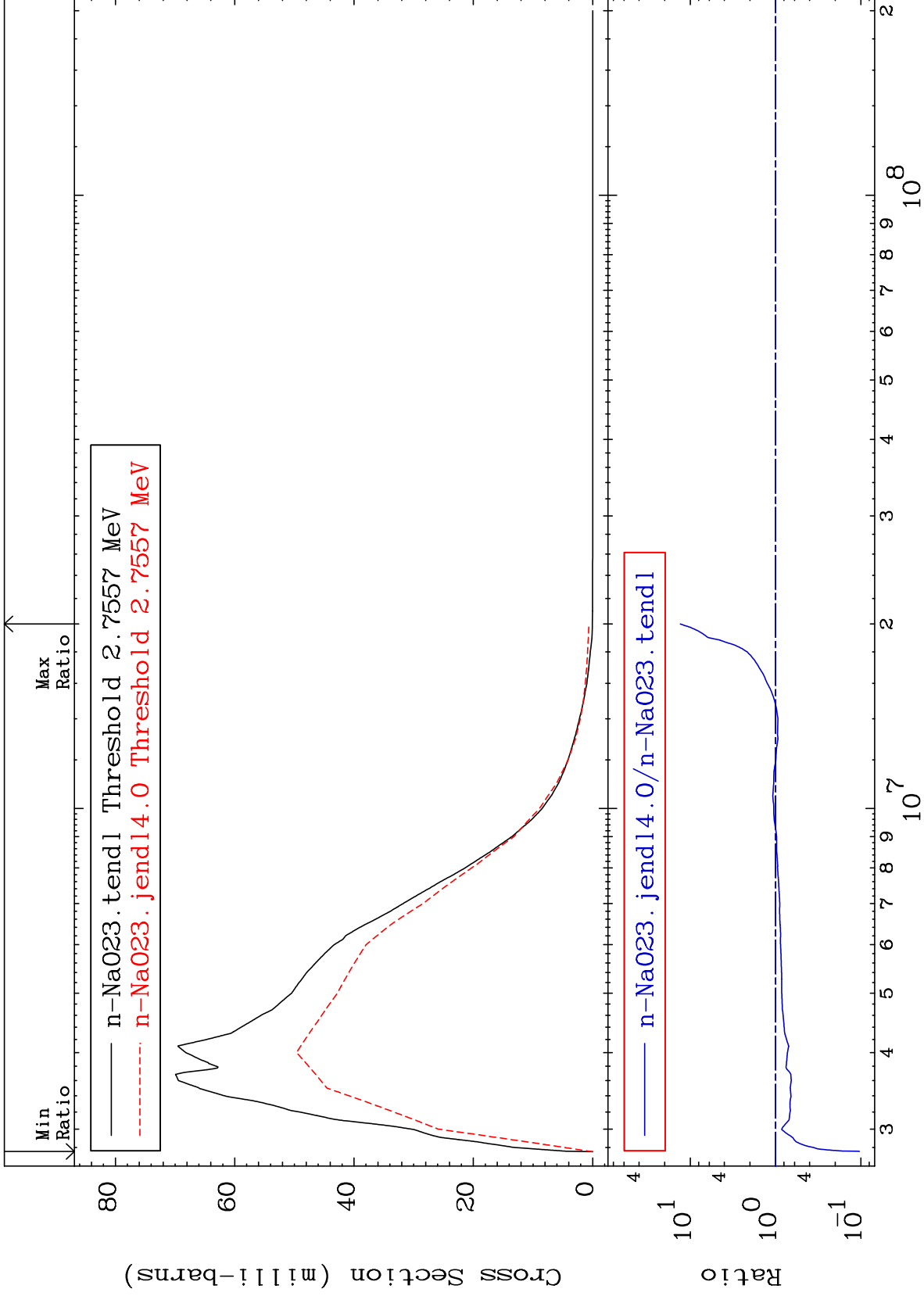
11-Na-23
-44.87 To 98.56 %



MAT 1125

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

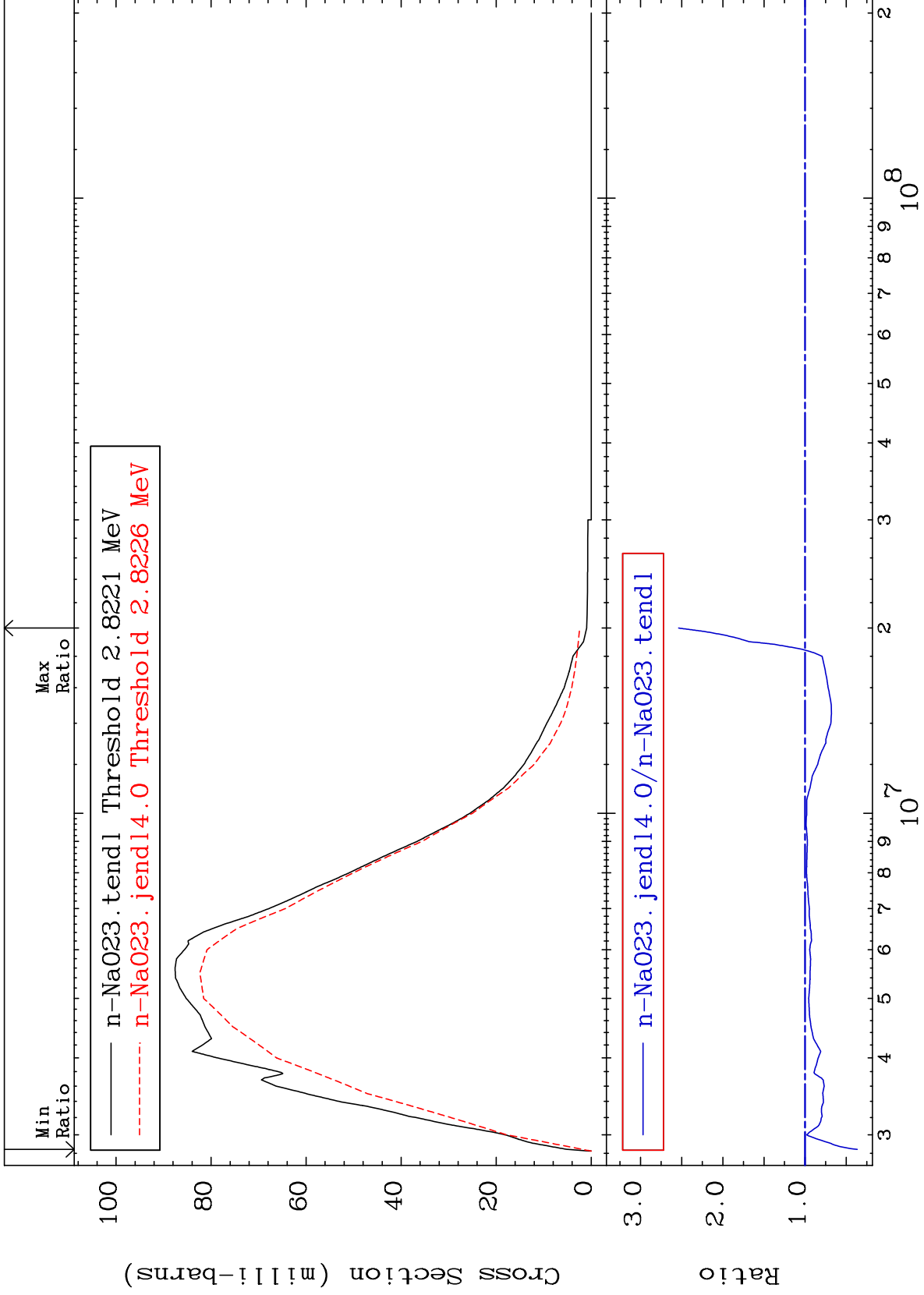
11-Na-23
-89.58 To 1209. %



MAT 1125

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

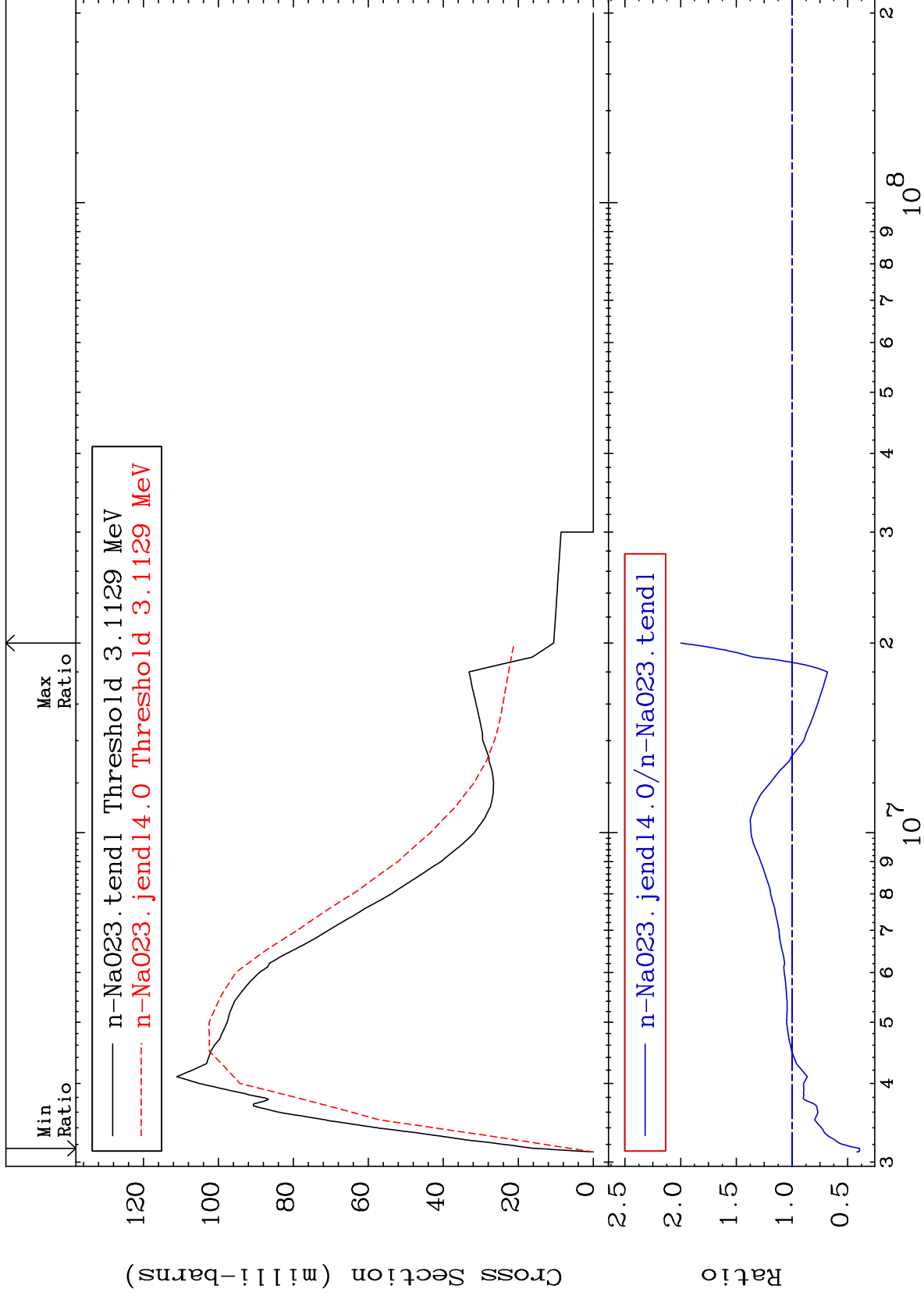
11-Na-23
-63.39 To 153.8 %



MAT 1125

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

11-Na-23
-60.58 To 99.88 %



12

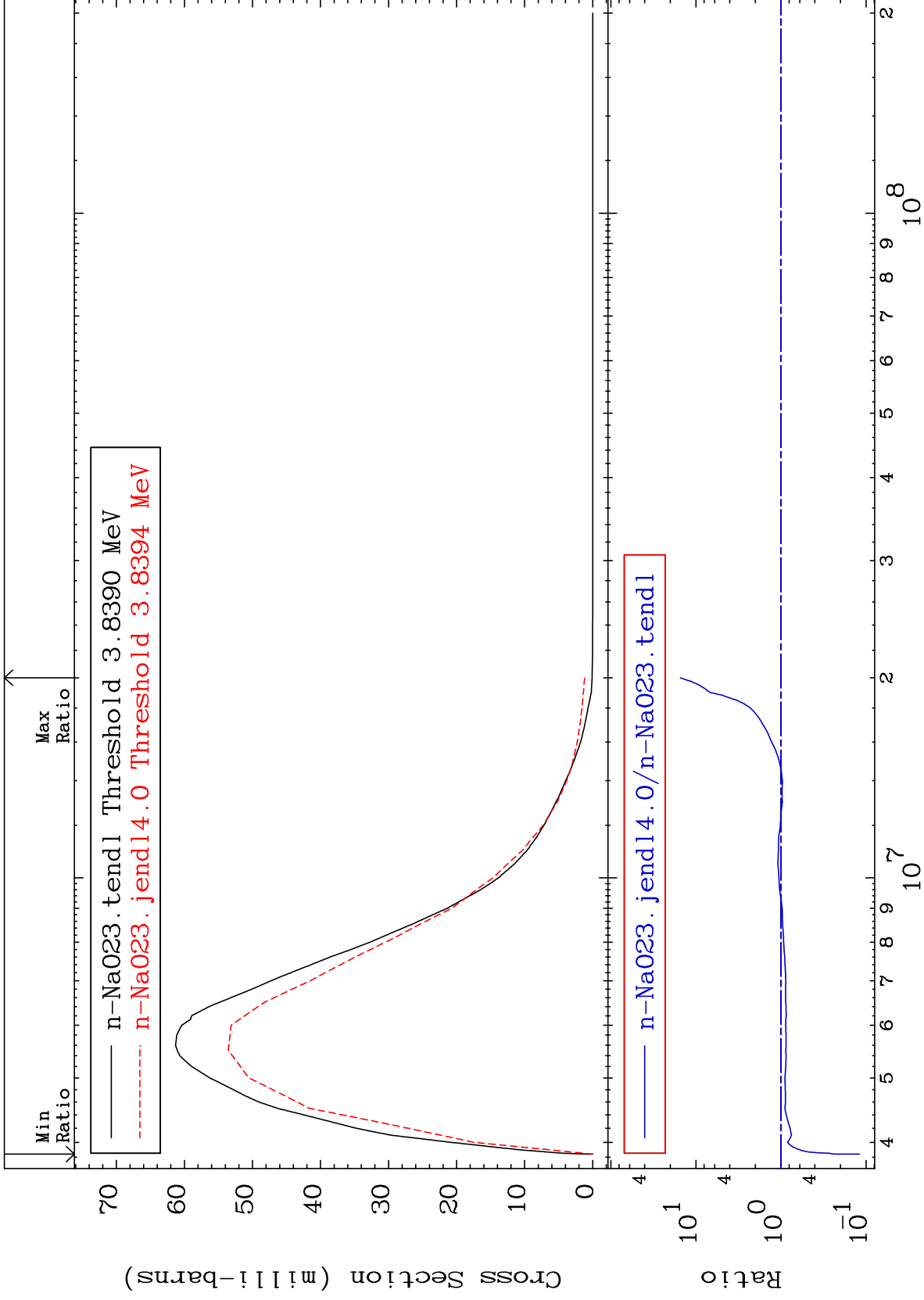
Incident Energy (eV)

11-Na-23

MAT 1125

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

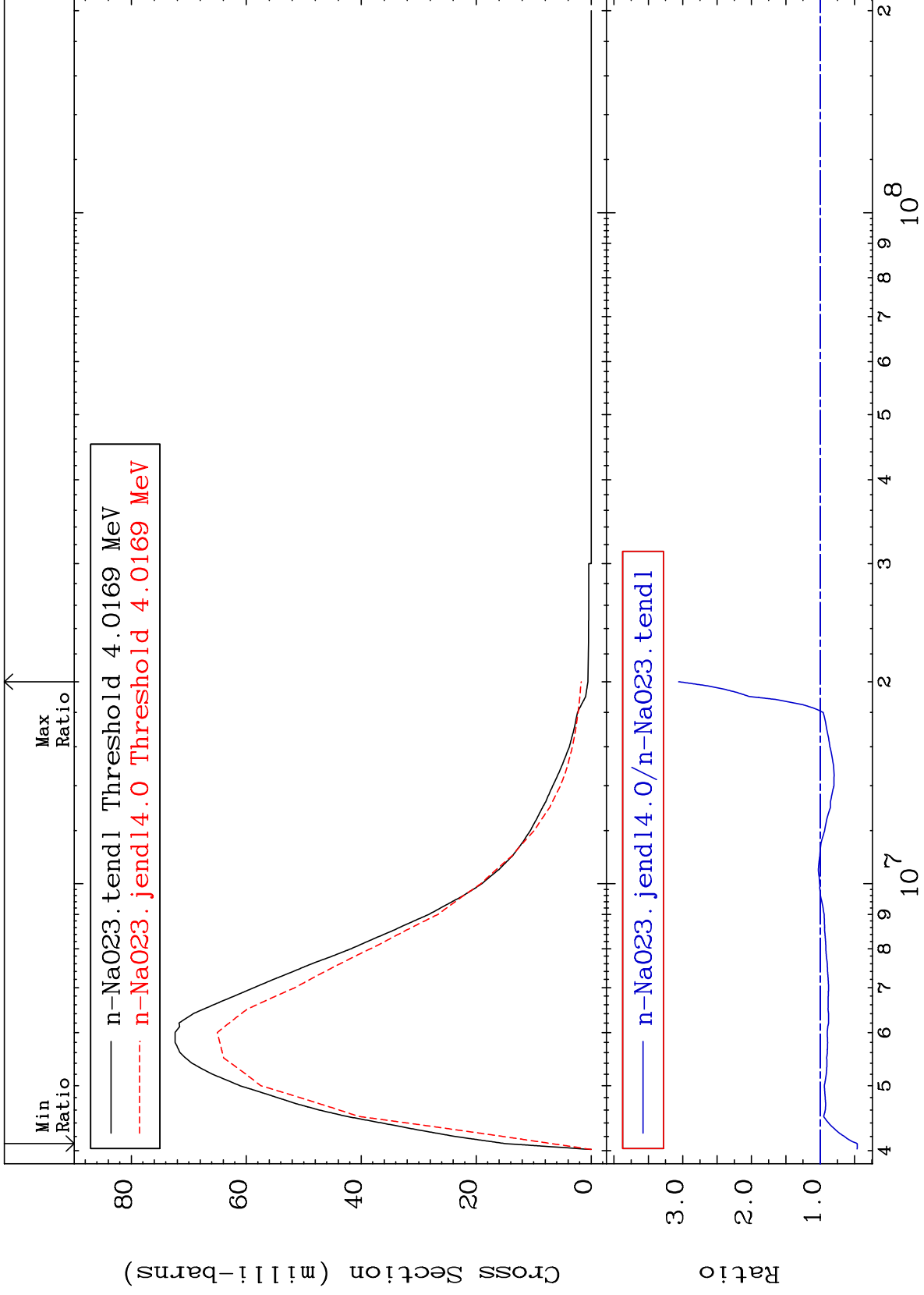
11-Na-23
-88.04 To 1423. %



MAT 1125

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

11-Na-23
-53.83 To 205.9 %



14

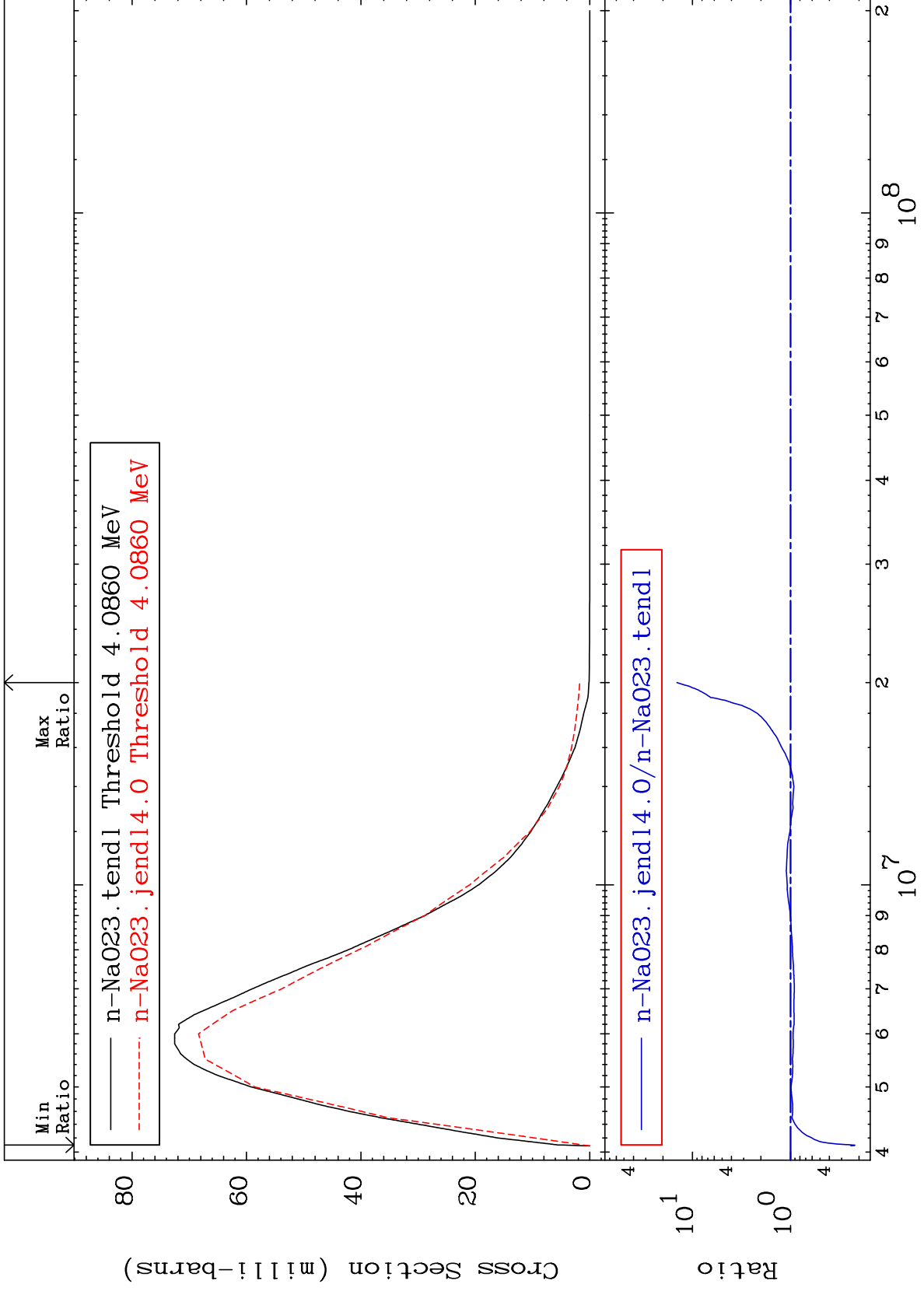
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
-78.10 To 1343. %



15

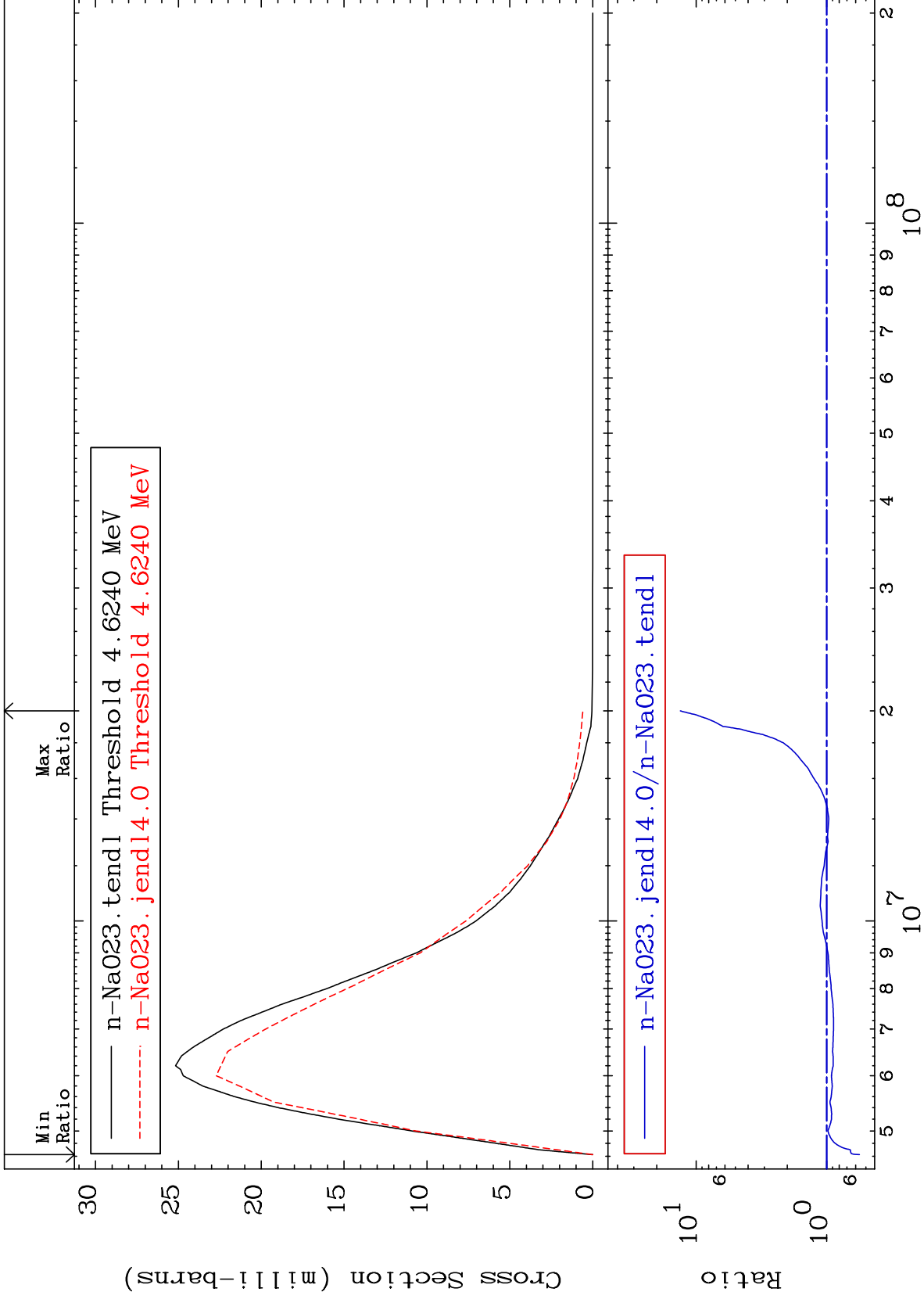
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
-43.90 To 1219. %



16

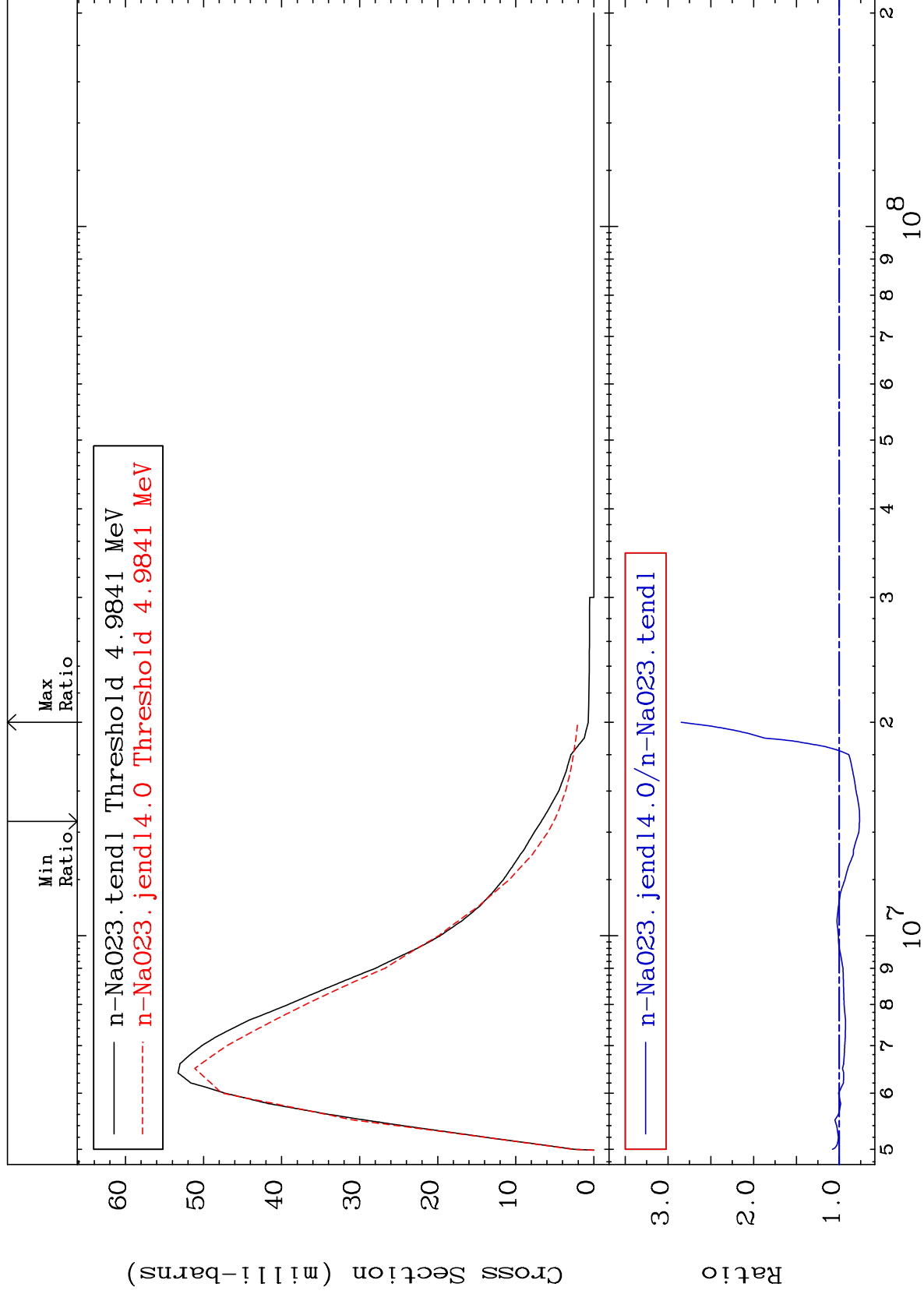
11-Na-23

11-Na-23

MAT 1125

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

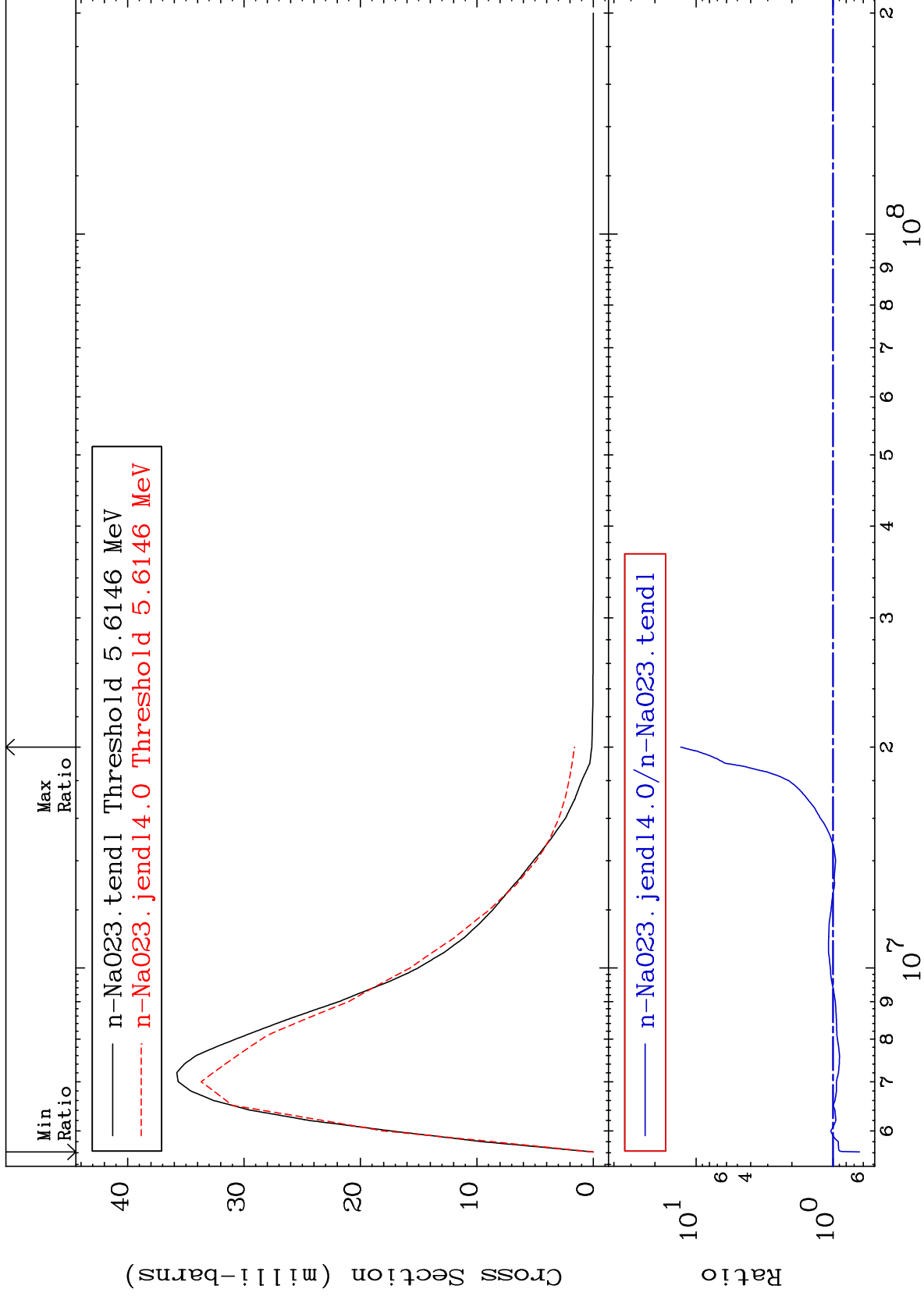
11-Na-23
-23.85 To 184.6 %



MAT 1125

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

11-Na-23
-36.03 To 1196. %



18

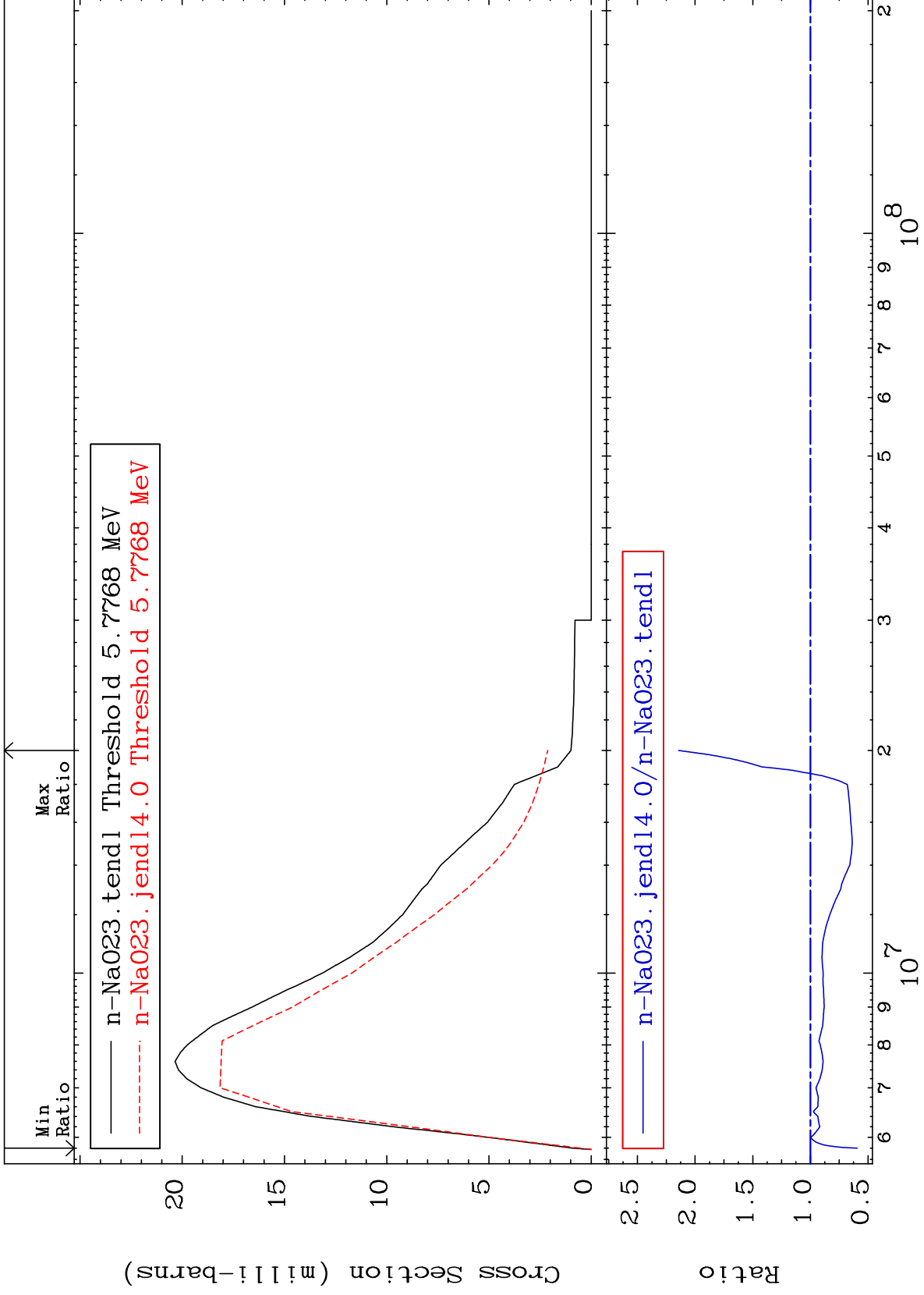
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
-40.68 To 114.3 %



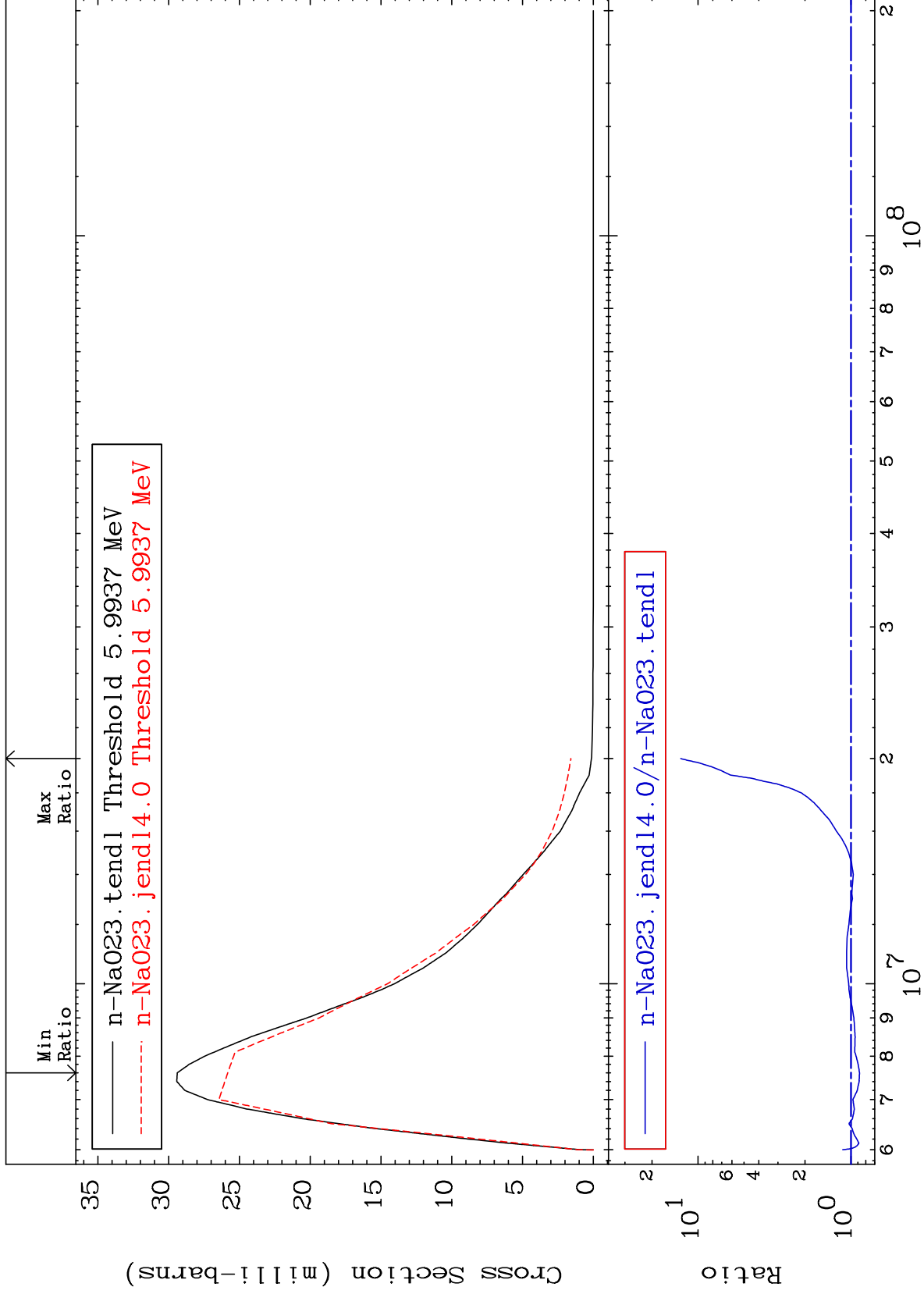
19

11-Na-23

MAT 1125

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

11-Na-23
-12.14 To 1196. %



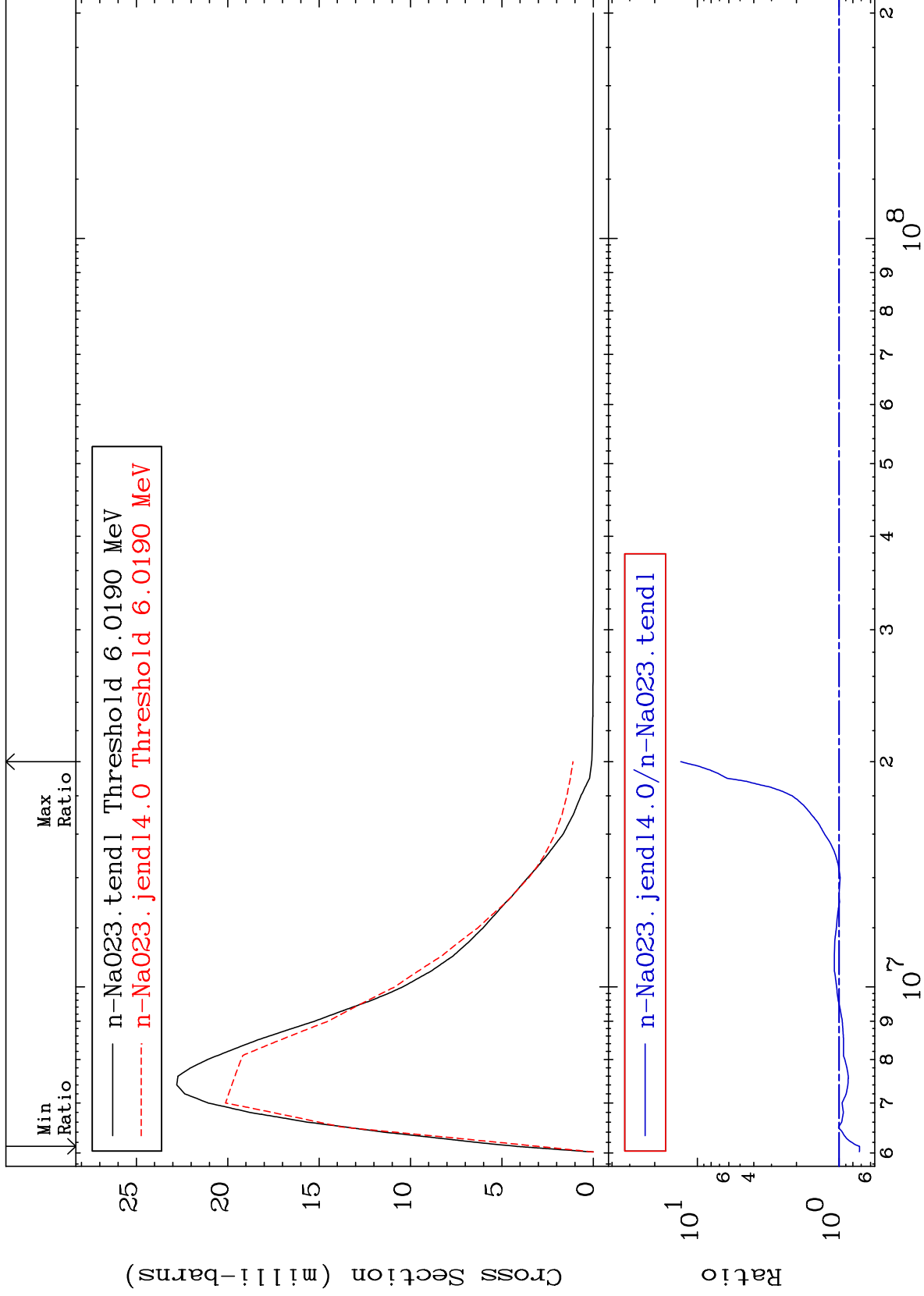
20

11-Na-23

MAT 1125

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

11-Na-23
-28.12 To 1210. %



21

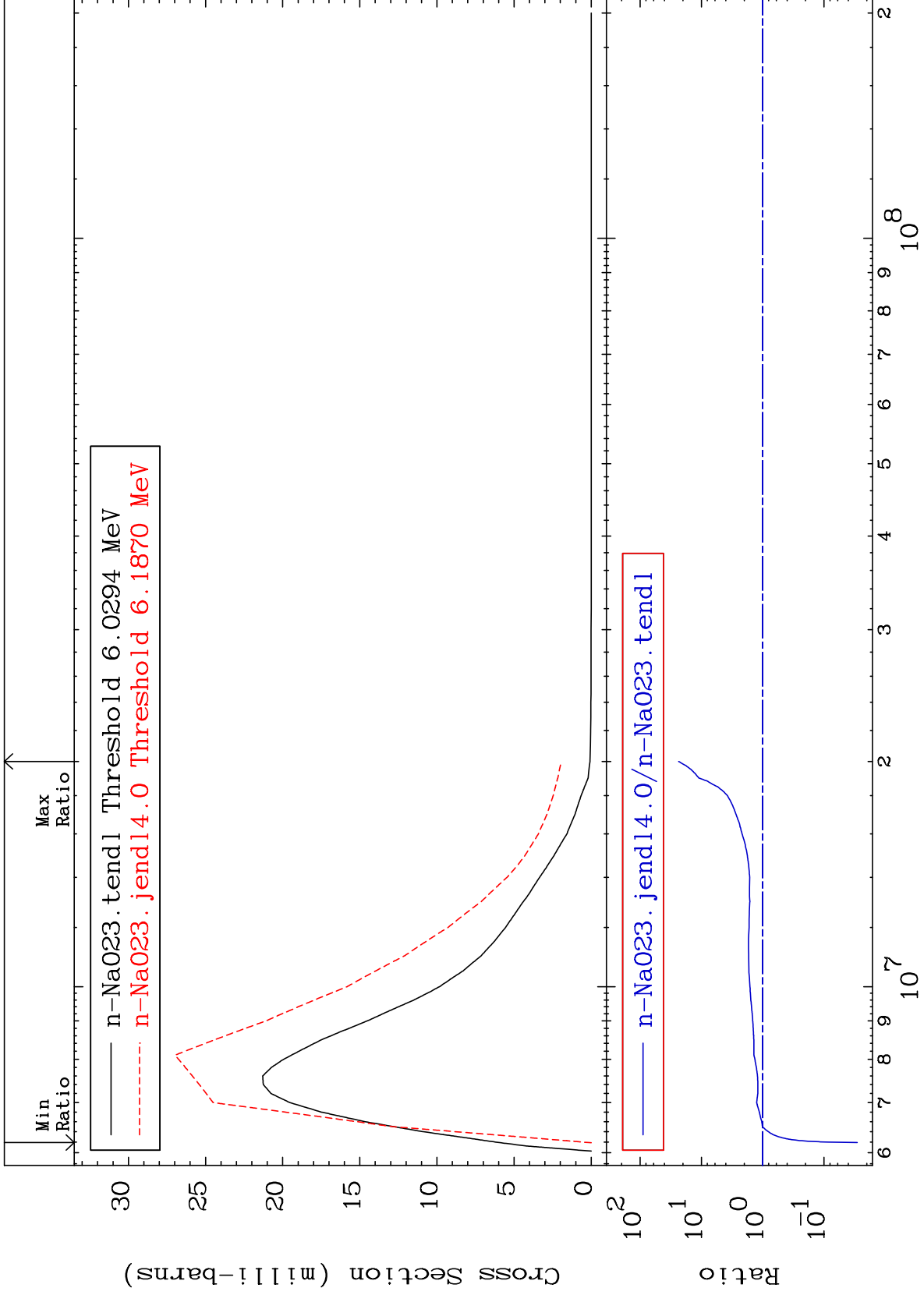
Incident Energy (eV)

11-Na-23

MAT 1125

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

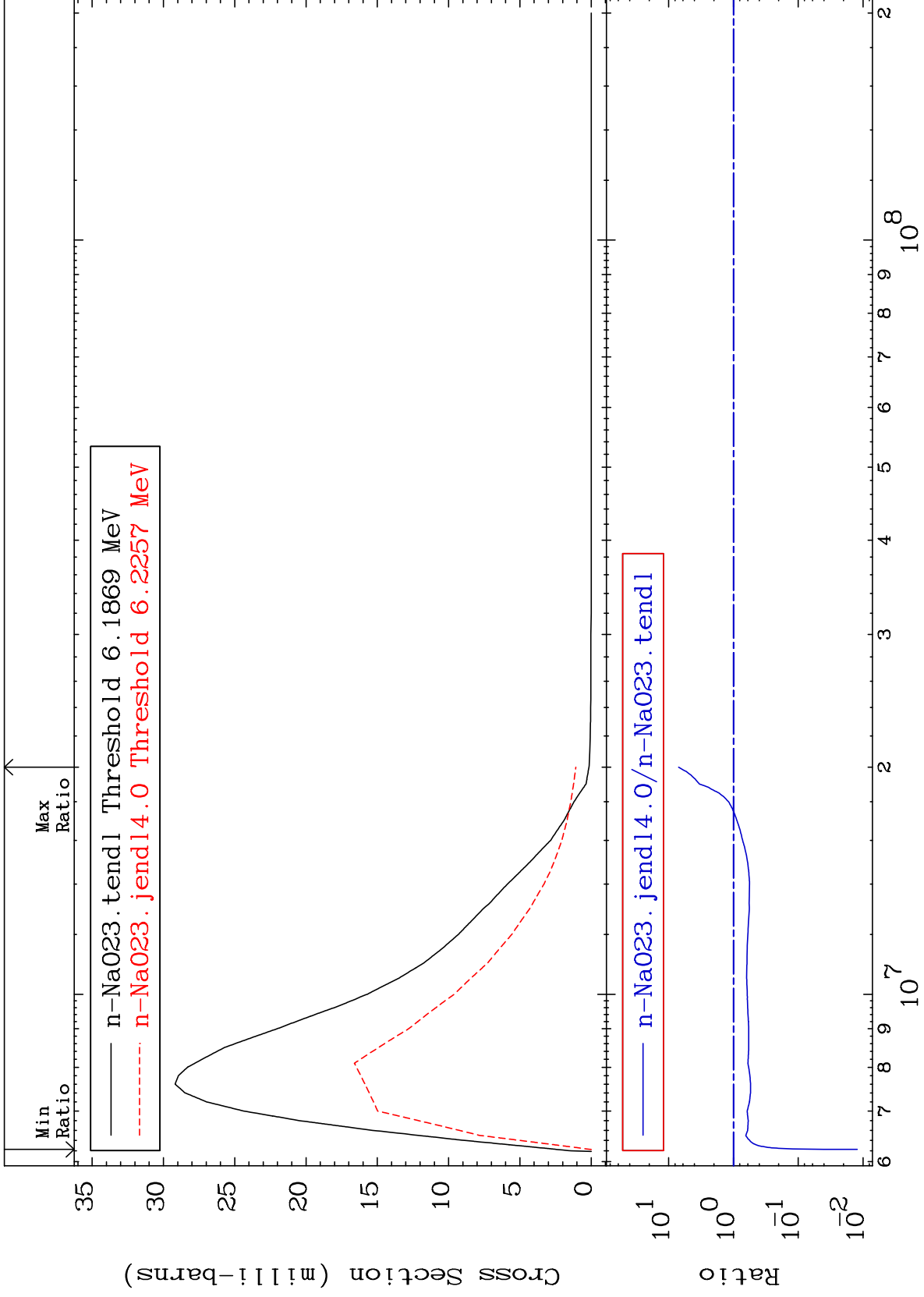
11-Na-23
-97.13 To 2248. %



MAT 1125

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

11-Na-23
-98.77 To 602.0 %



23

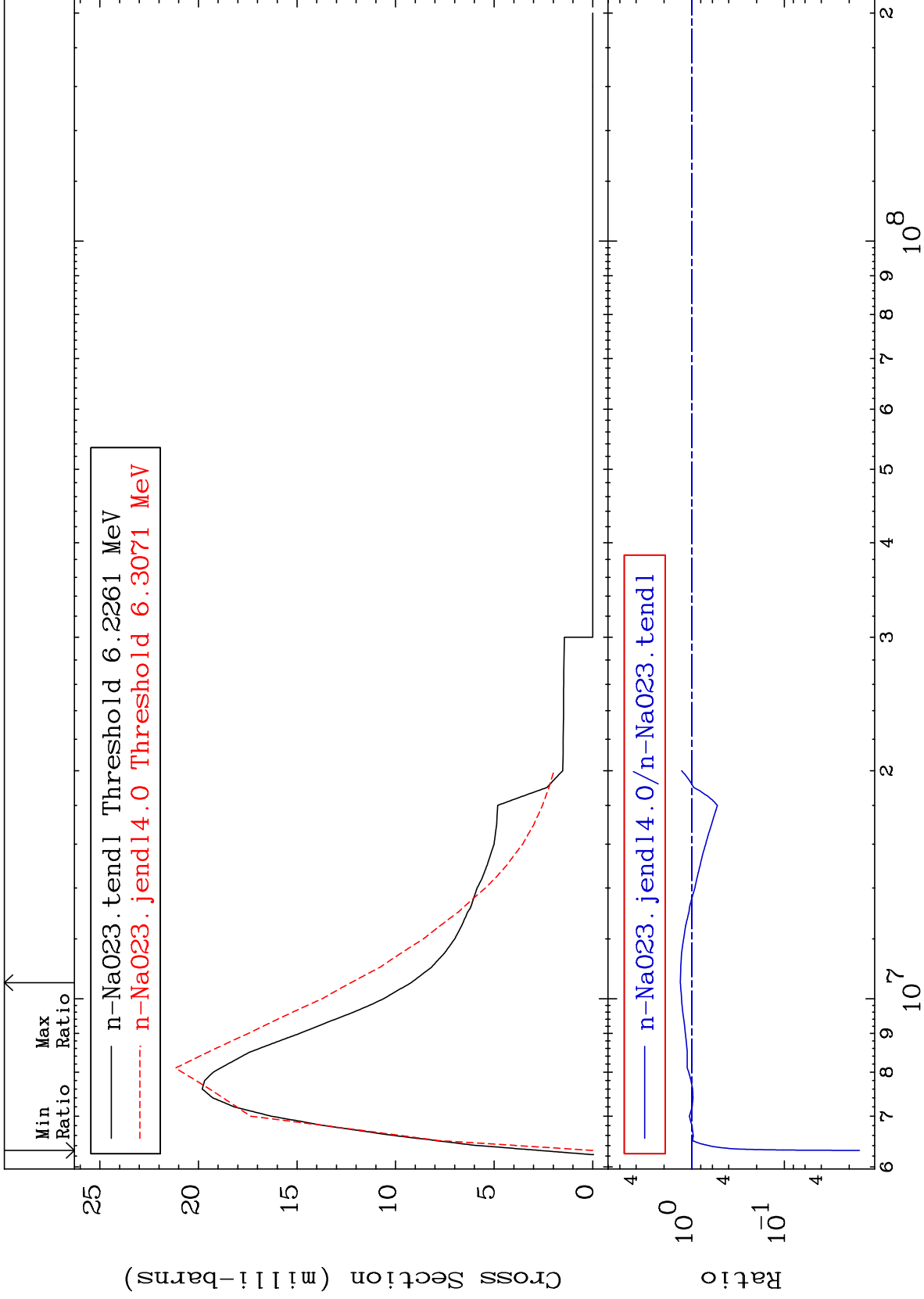
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
-98.45 To 33.13 %



24

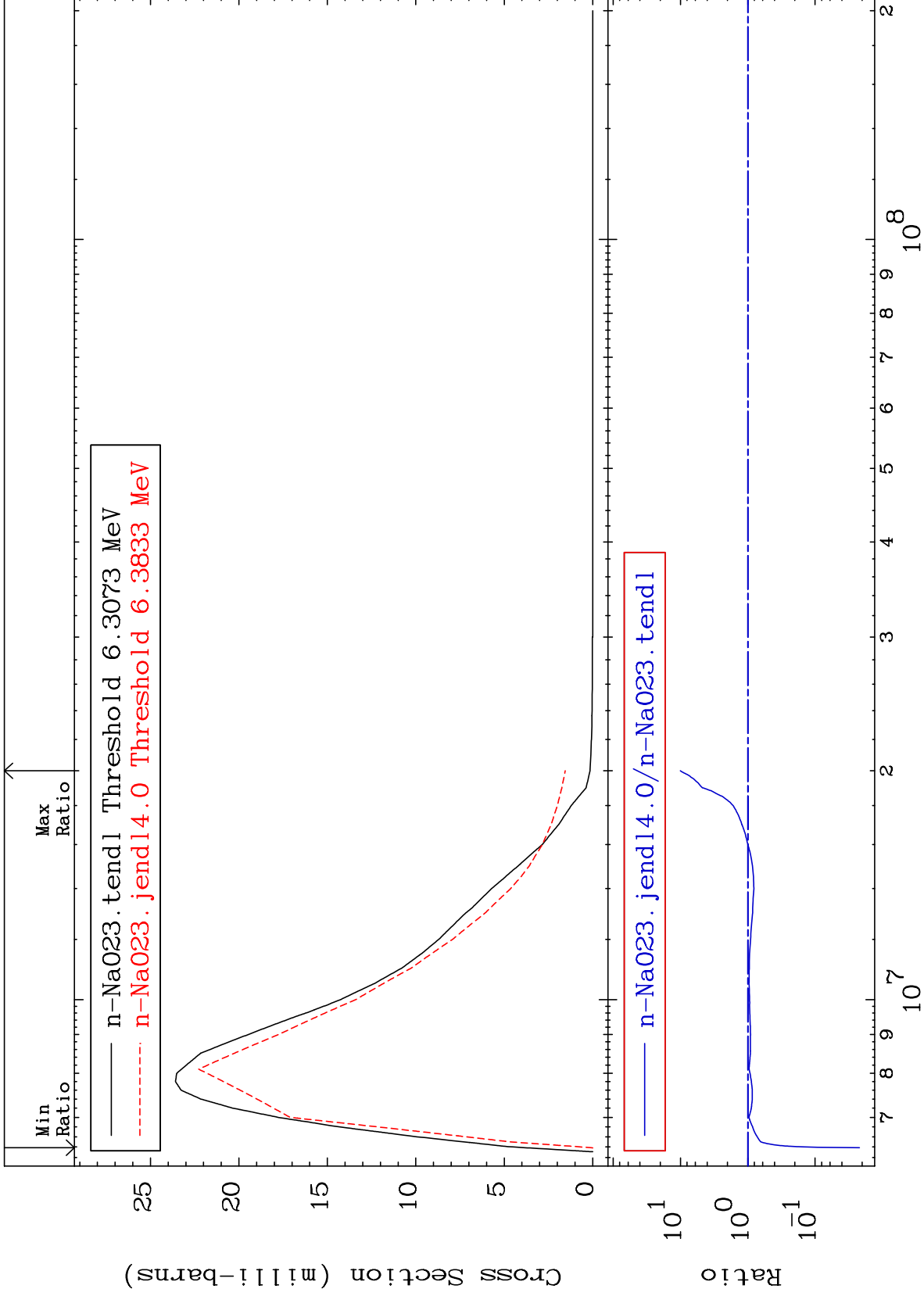
Incident Energy (eV)

11-Na-23

MAT 1125

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

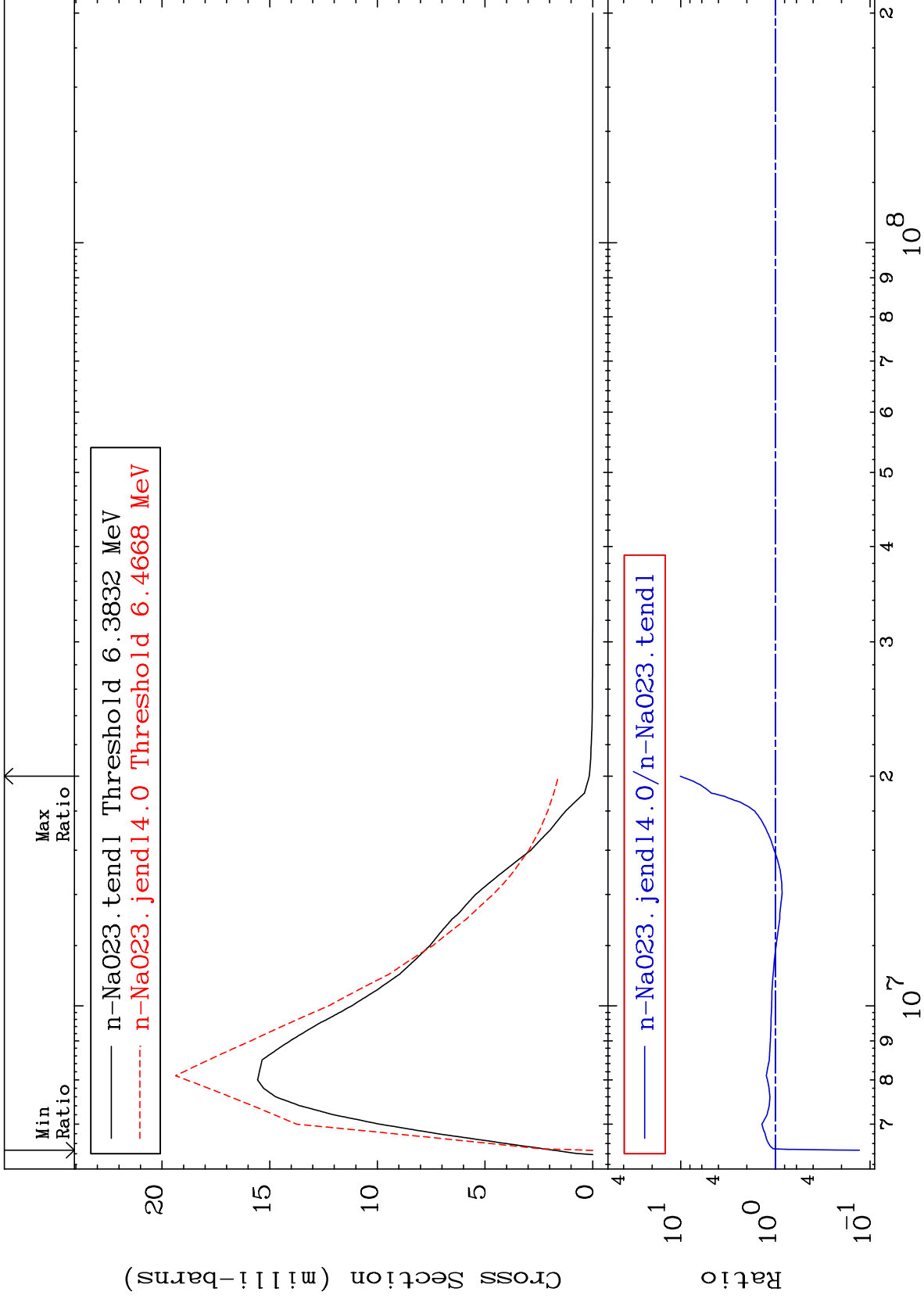
11-Na-23
-97.80 To 904.2 %



25

Incident Energy (eV)

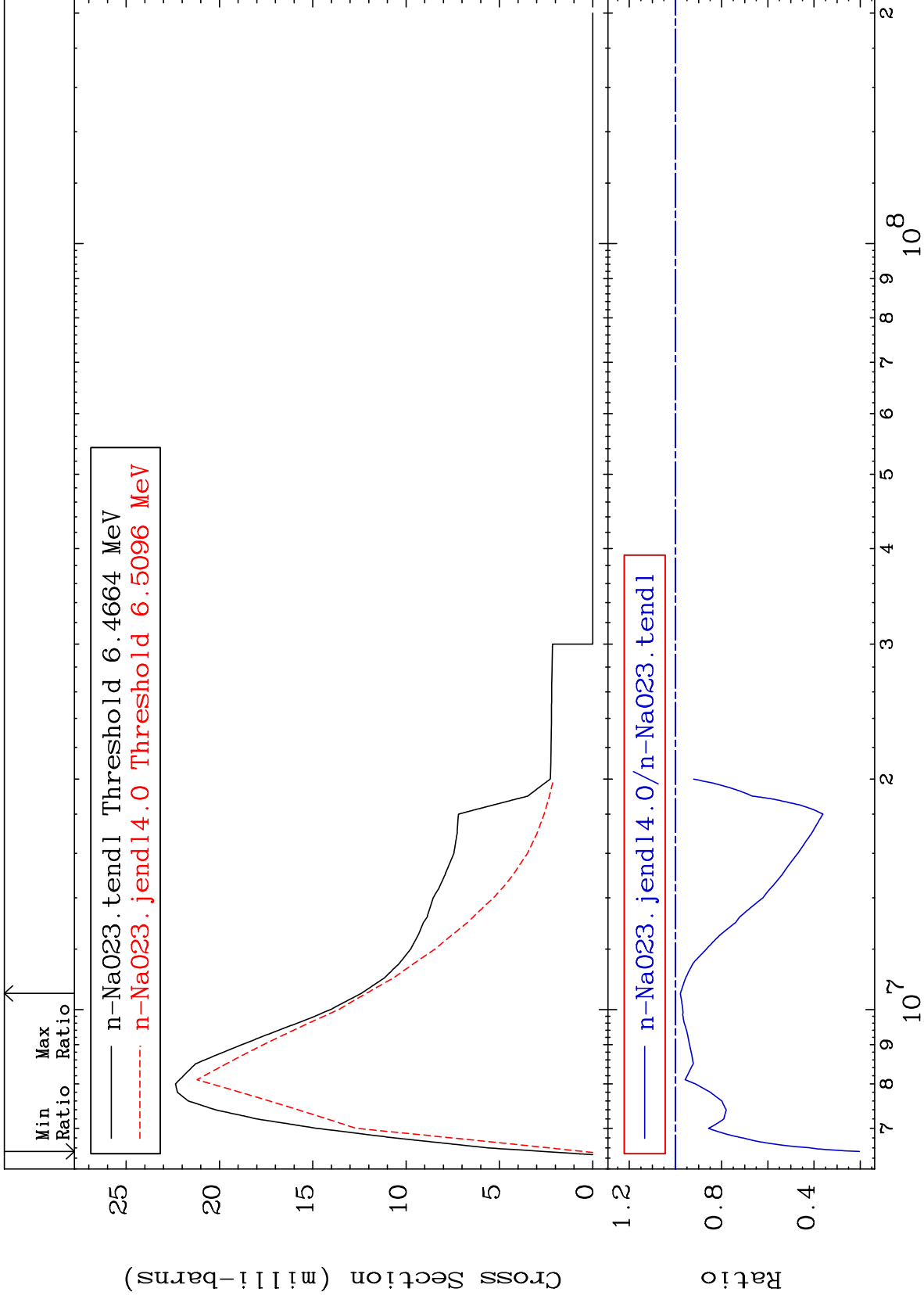
11-Na-23

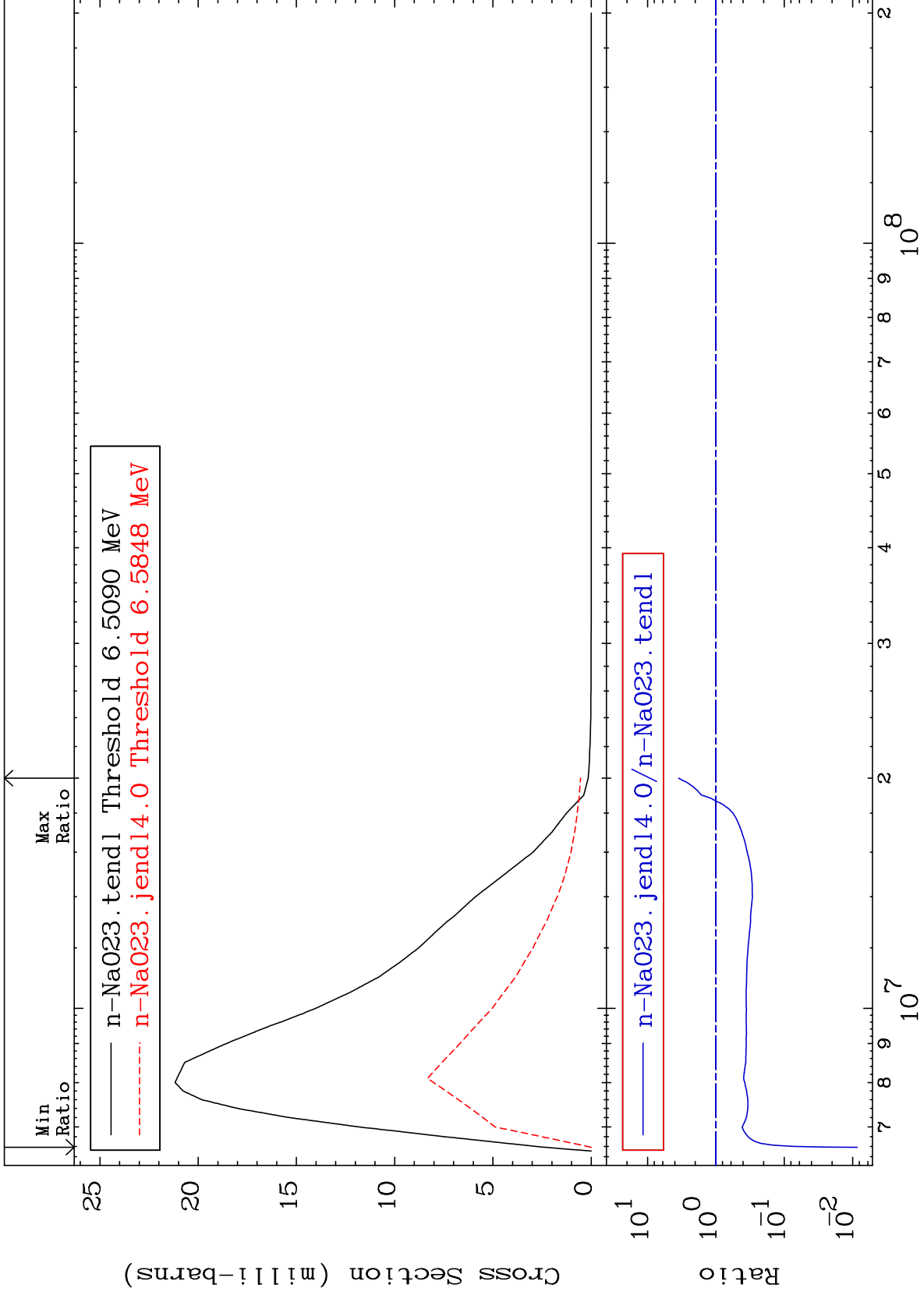


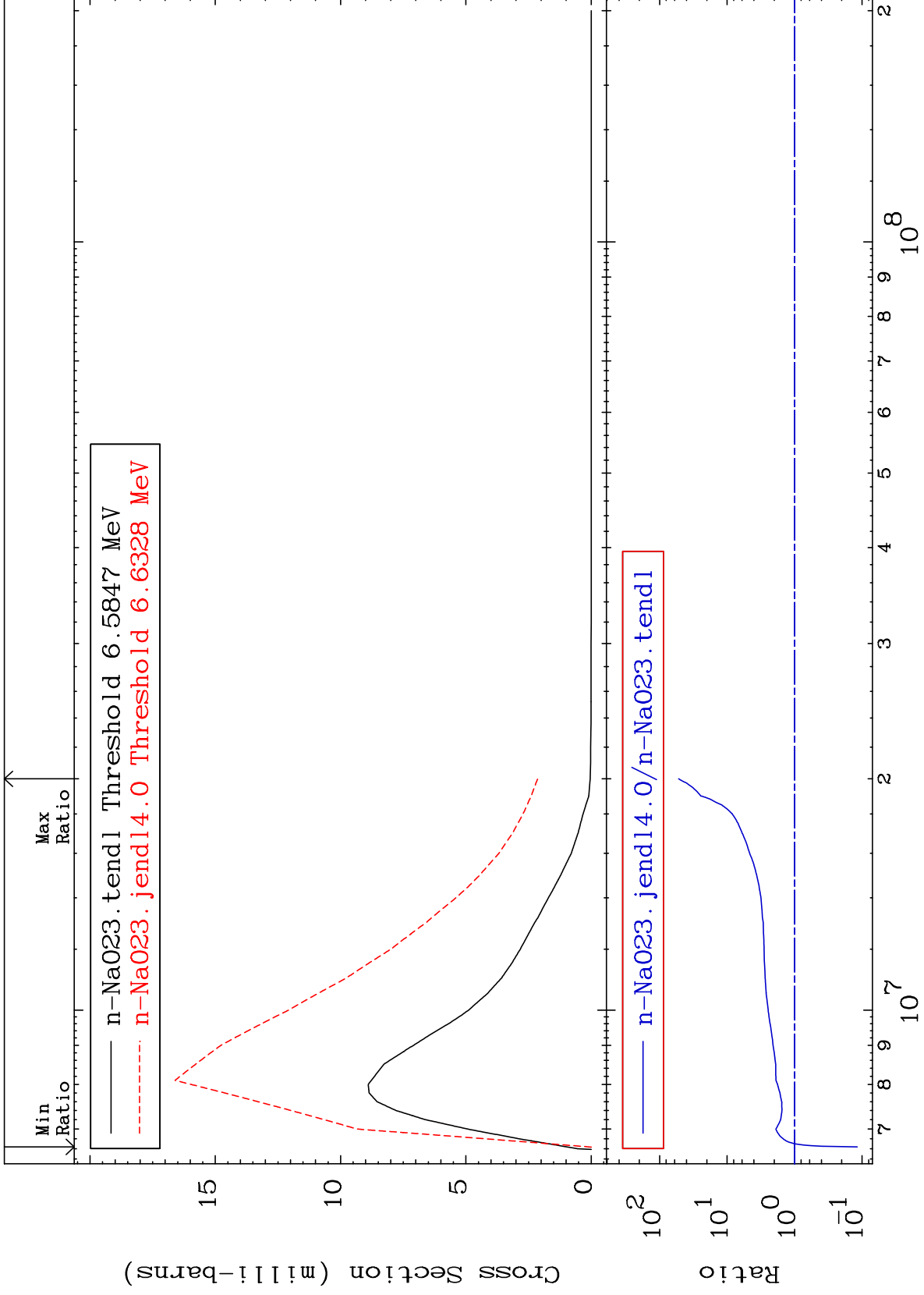
MAT 1125

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

11-Na-23
-79.66 To -2.117%



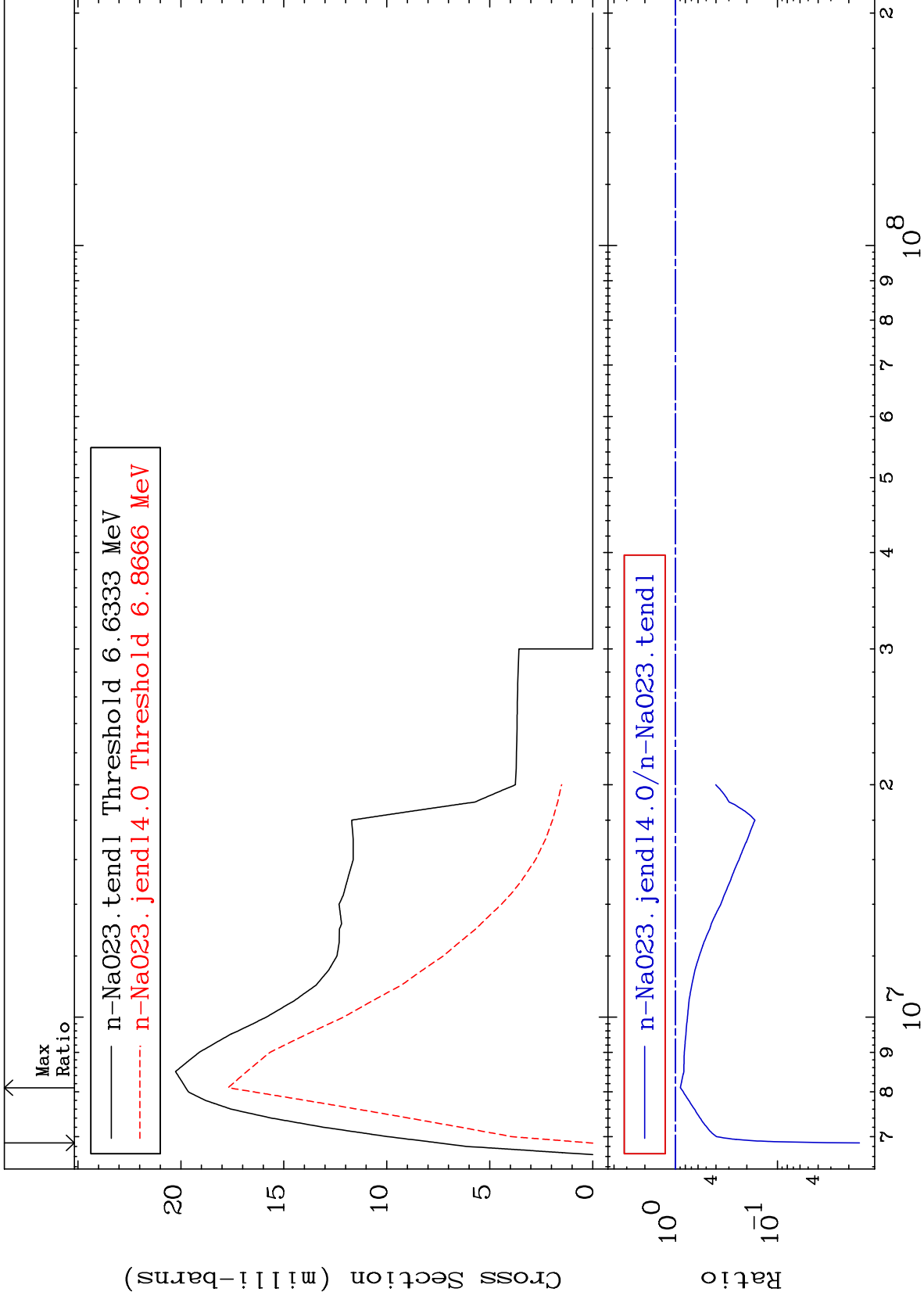




MAT 1125

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

11-Na-23
-98.43 To -10.42%



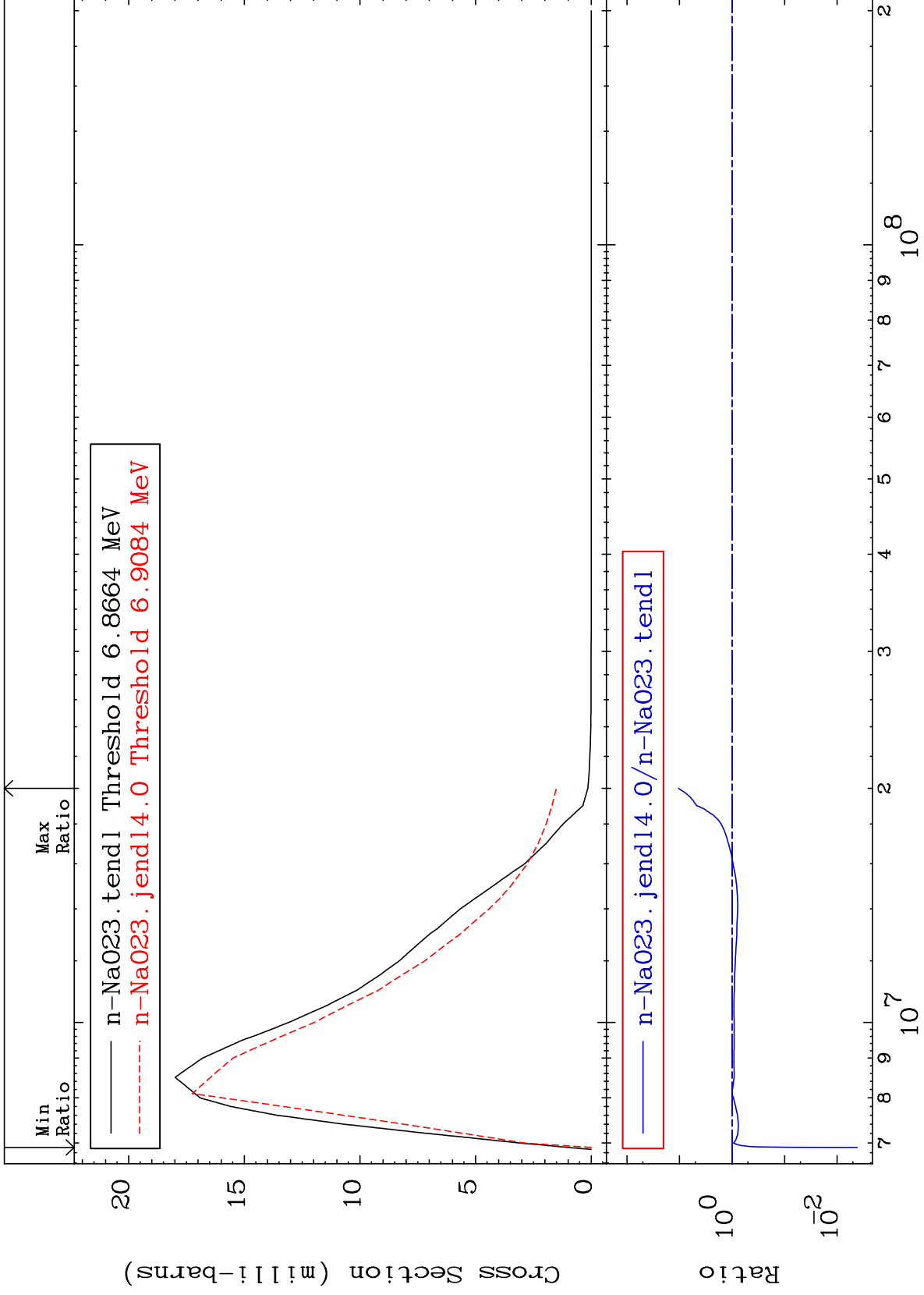
30

11-Na-23

MAT 1125

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

11-Na-23
-99.59 To 939.4 %



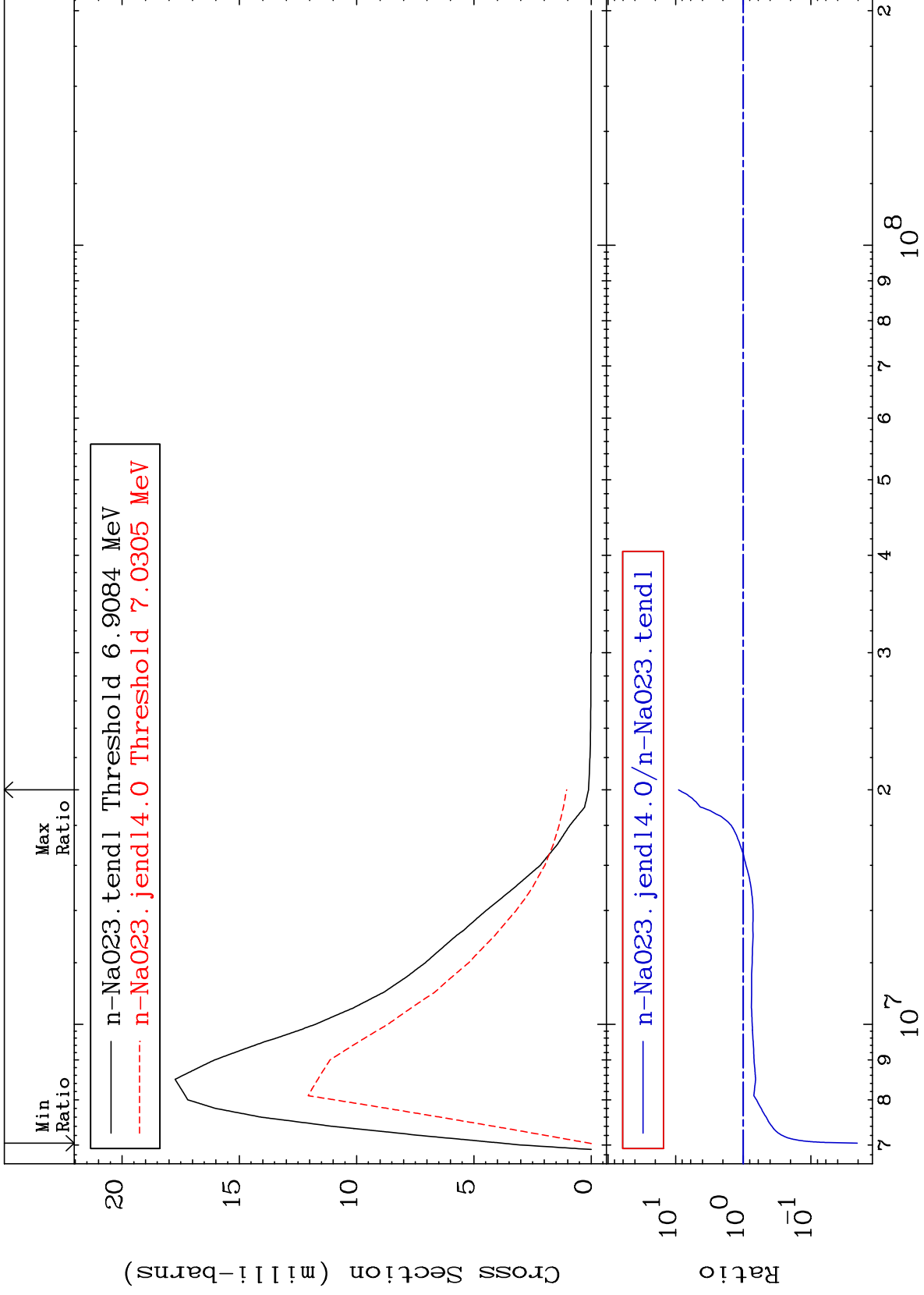
31

11-Na-23

MAT 1125

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

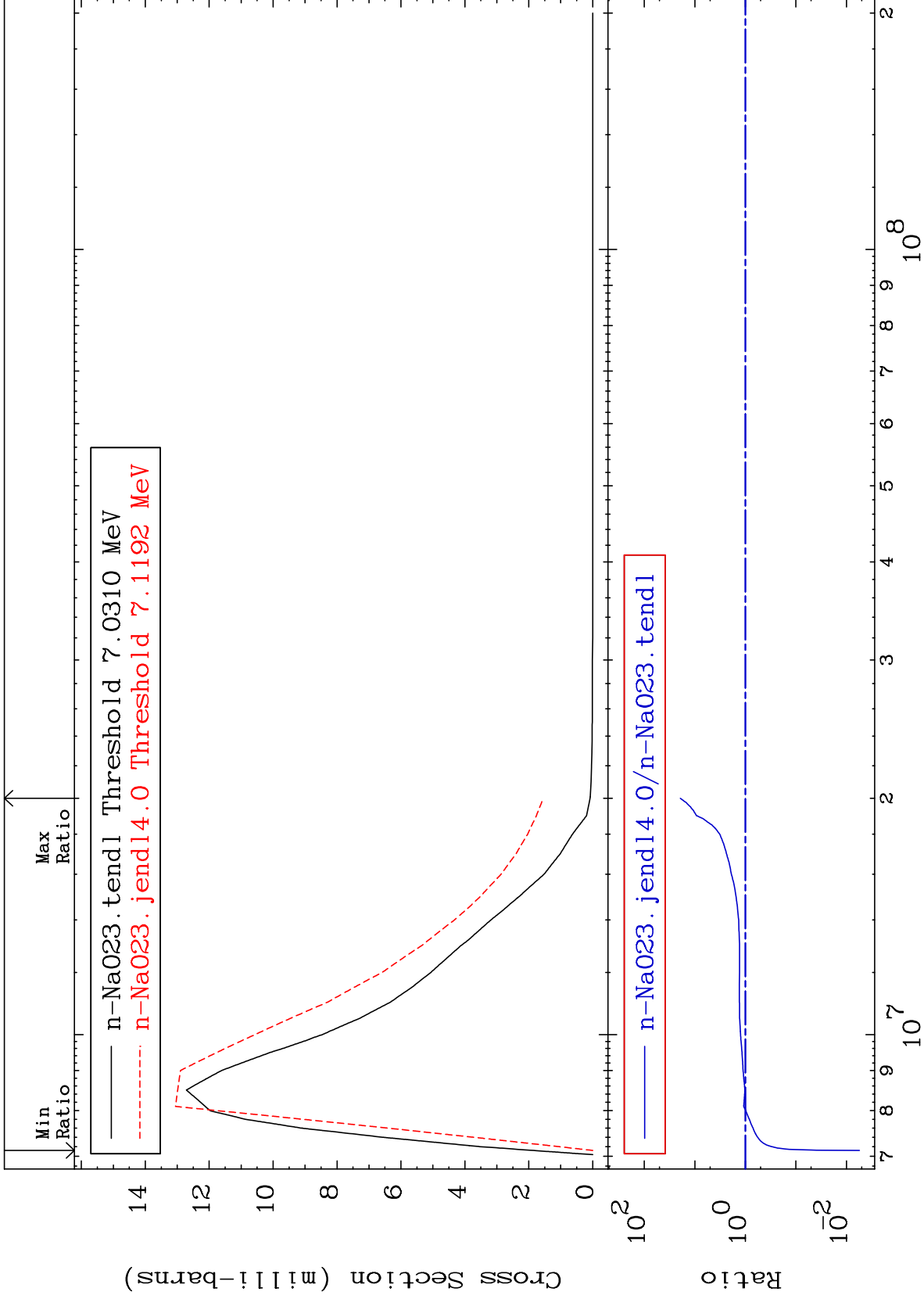
11-Na-23
-97.94 To 802.7 %



32

Incident Energy (eV)

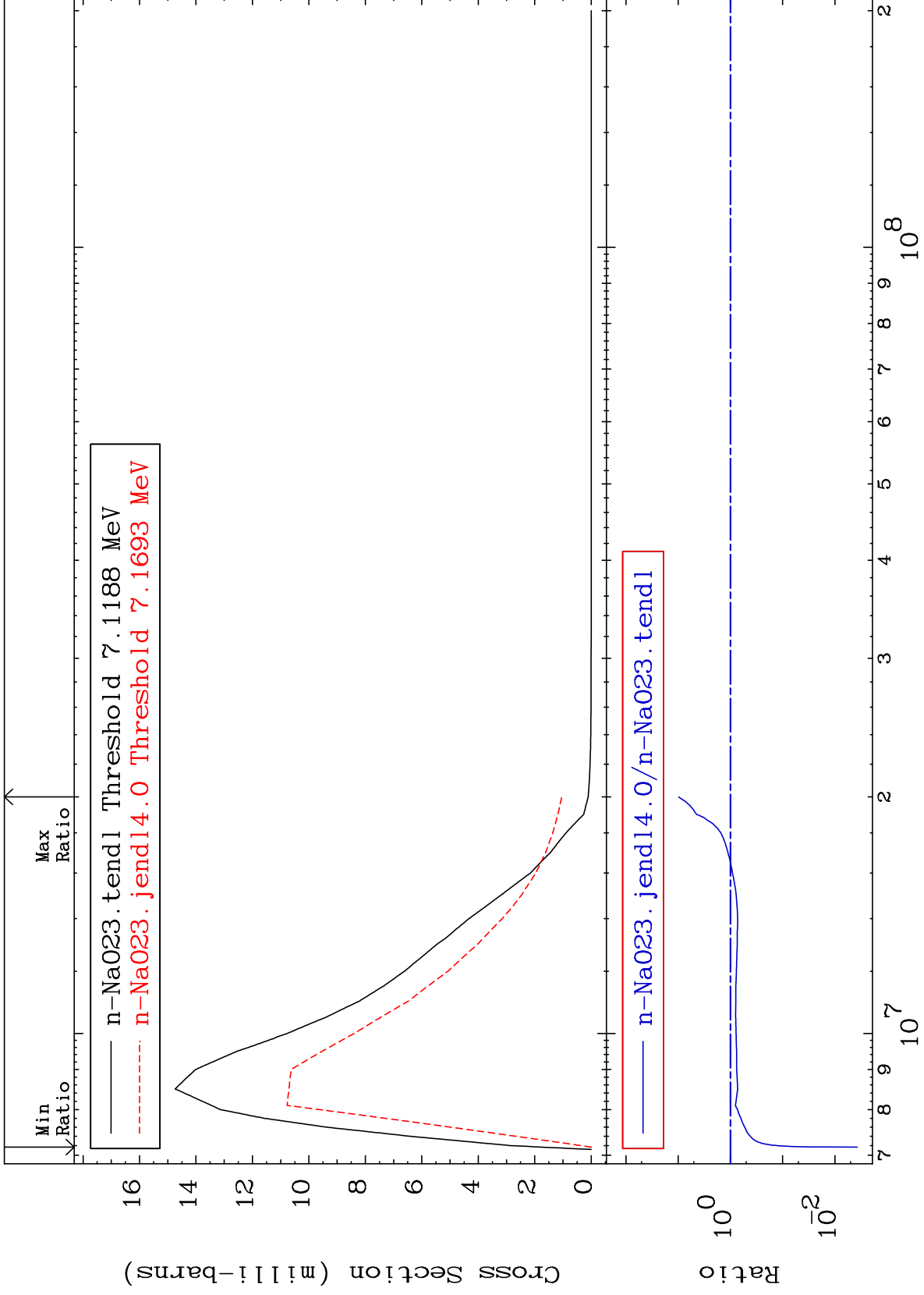
11-Na-23

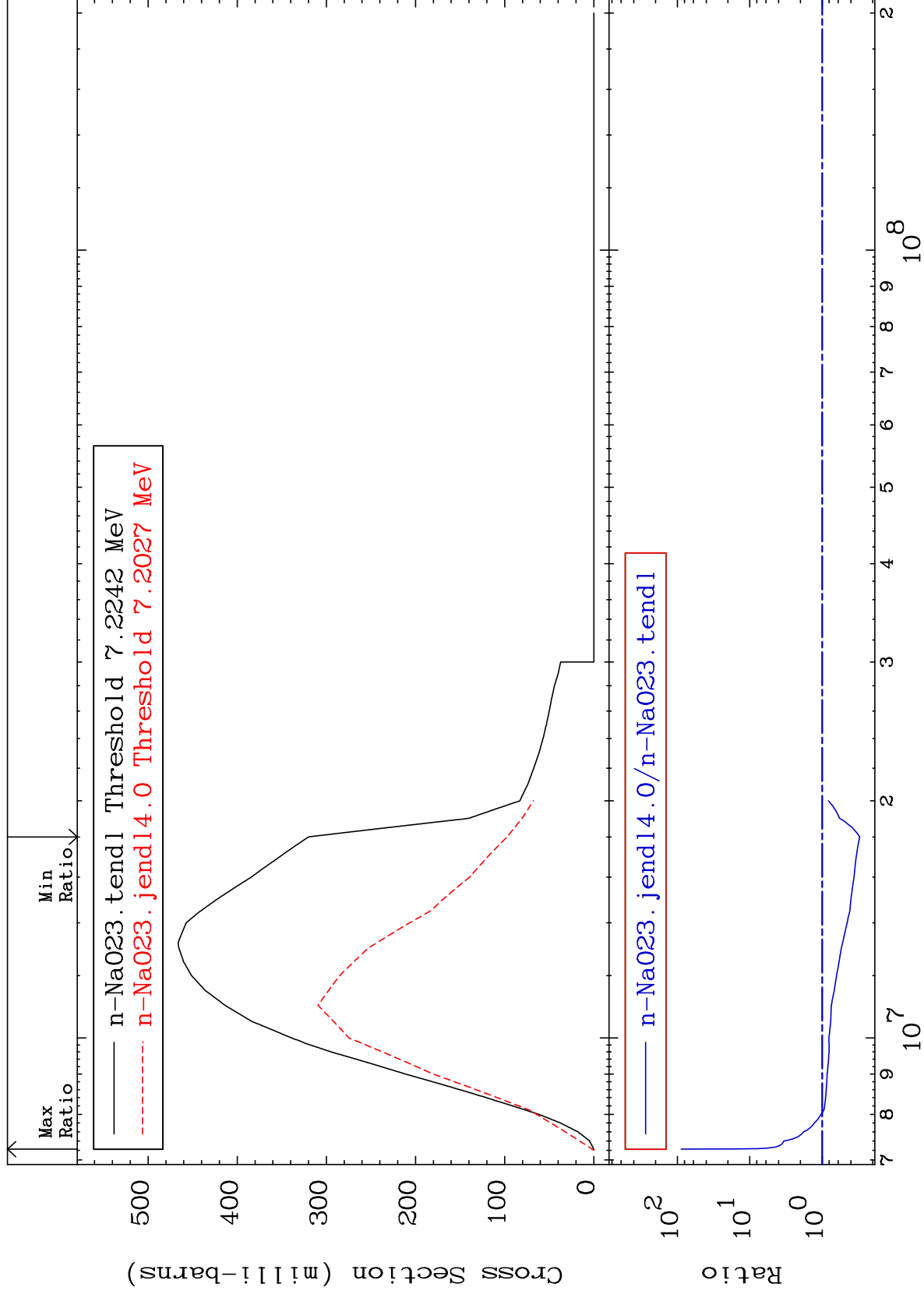


MAT 1125

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

11-Na-23
-99.63 To 878.4 %



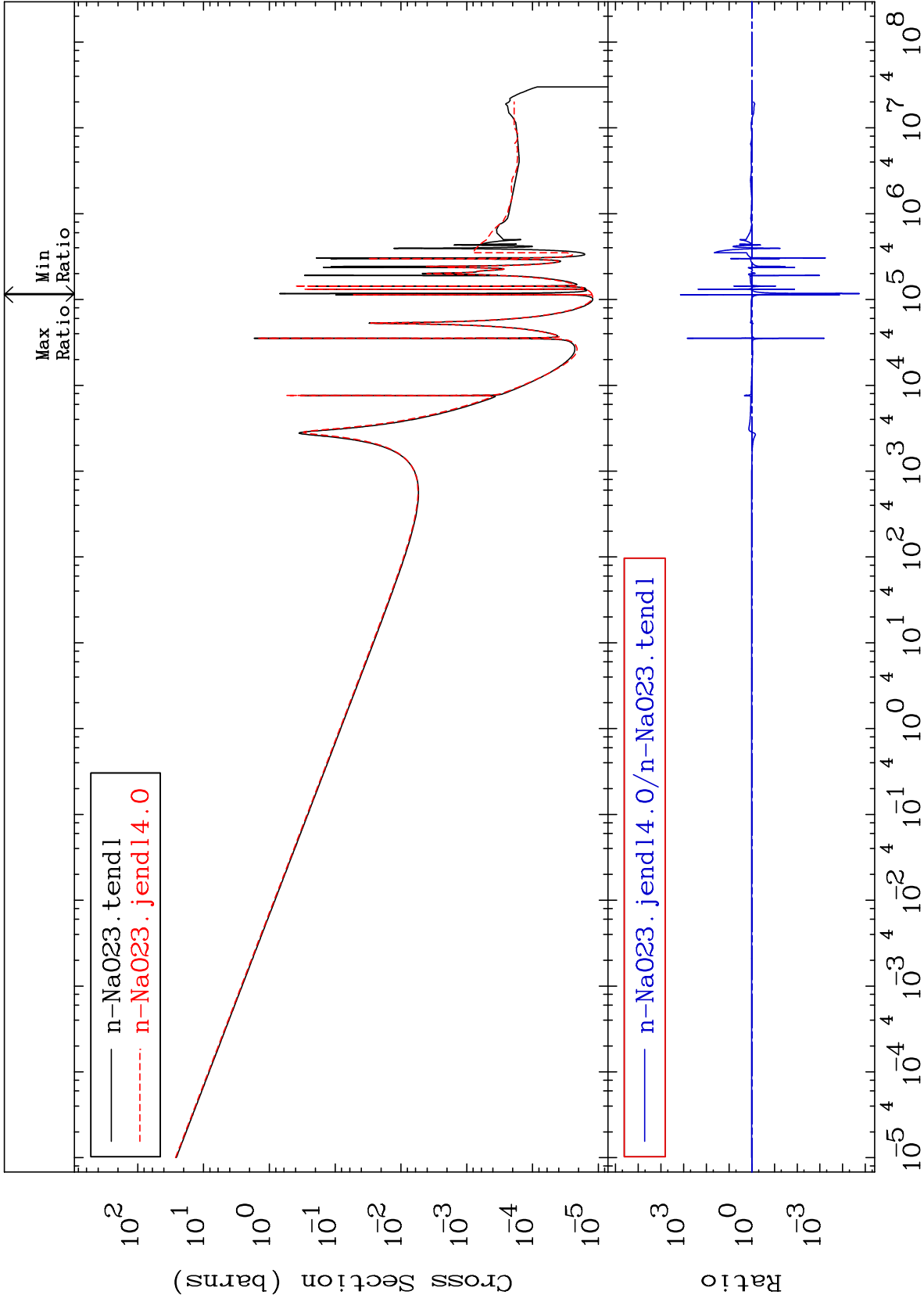


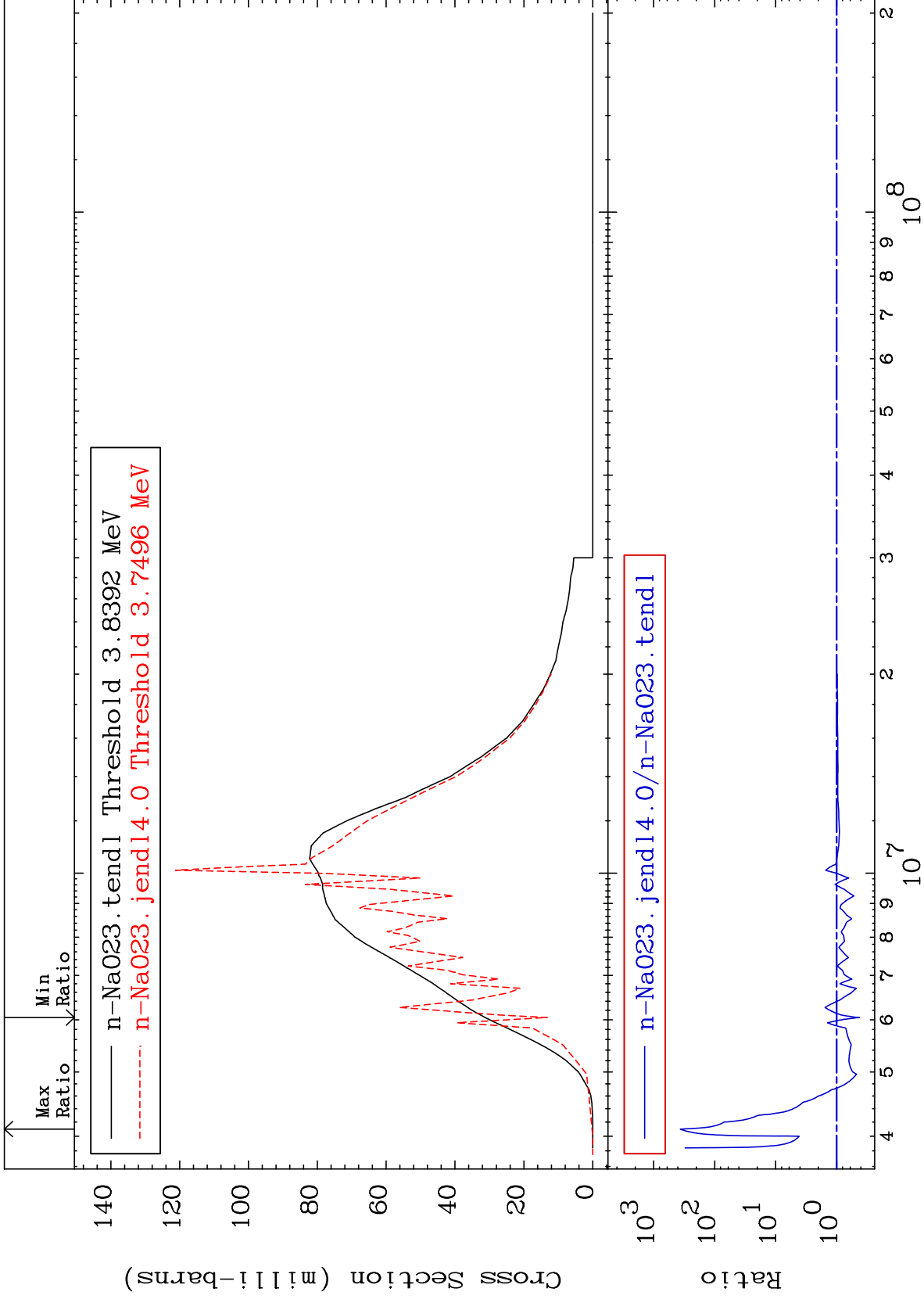
MAT 1125

(n, γ)
Cross Section

11-Na-23

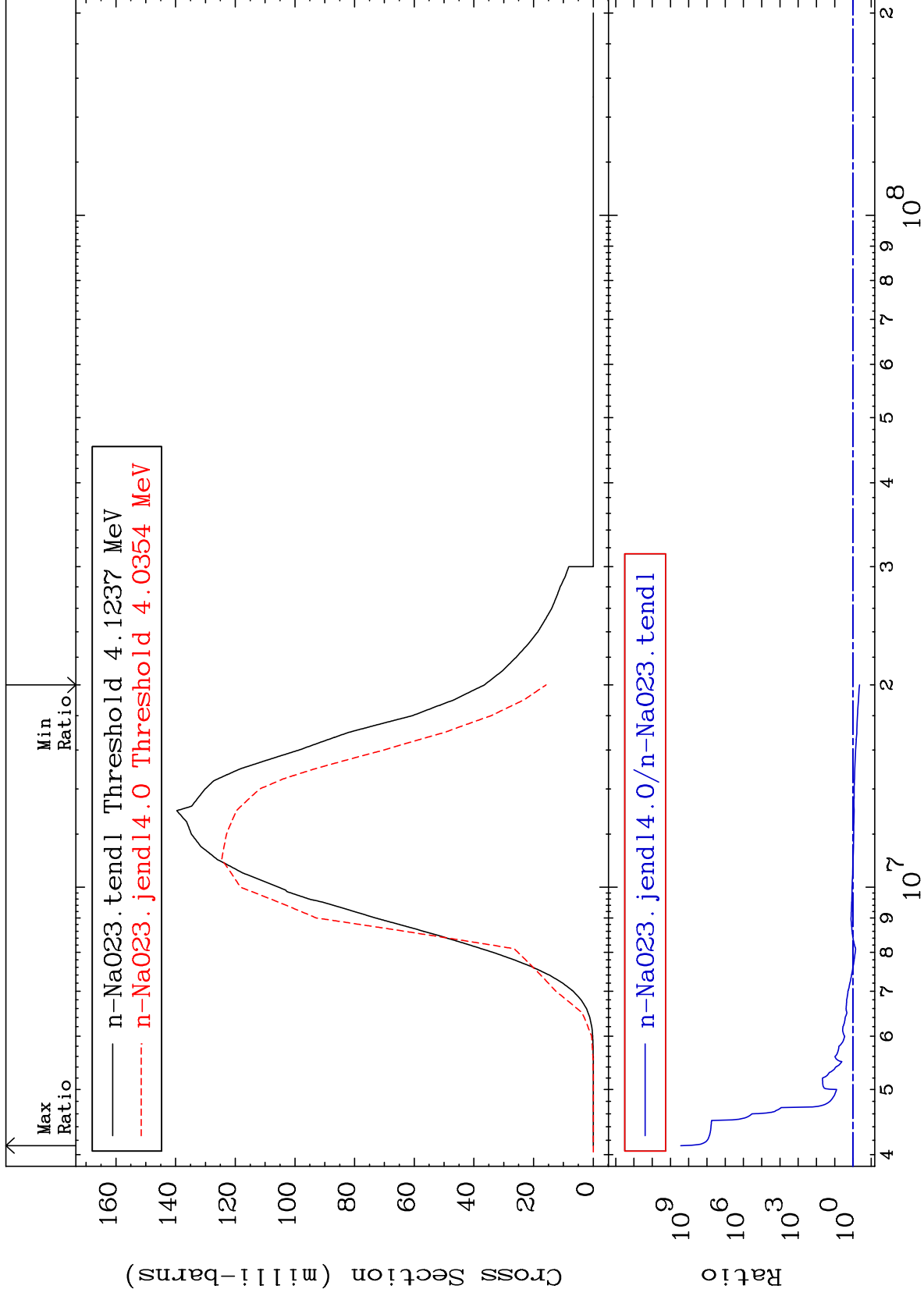
-100.0 To 9999. %

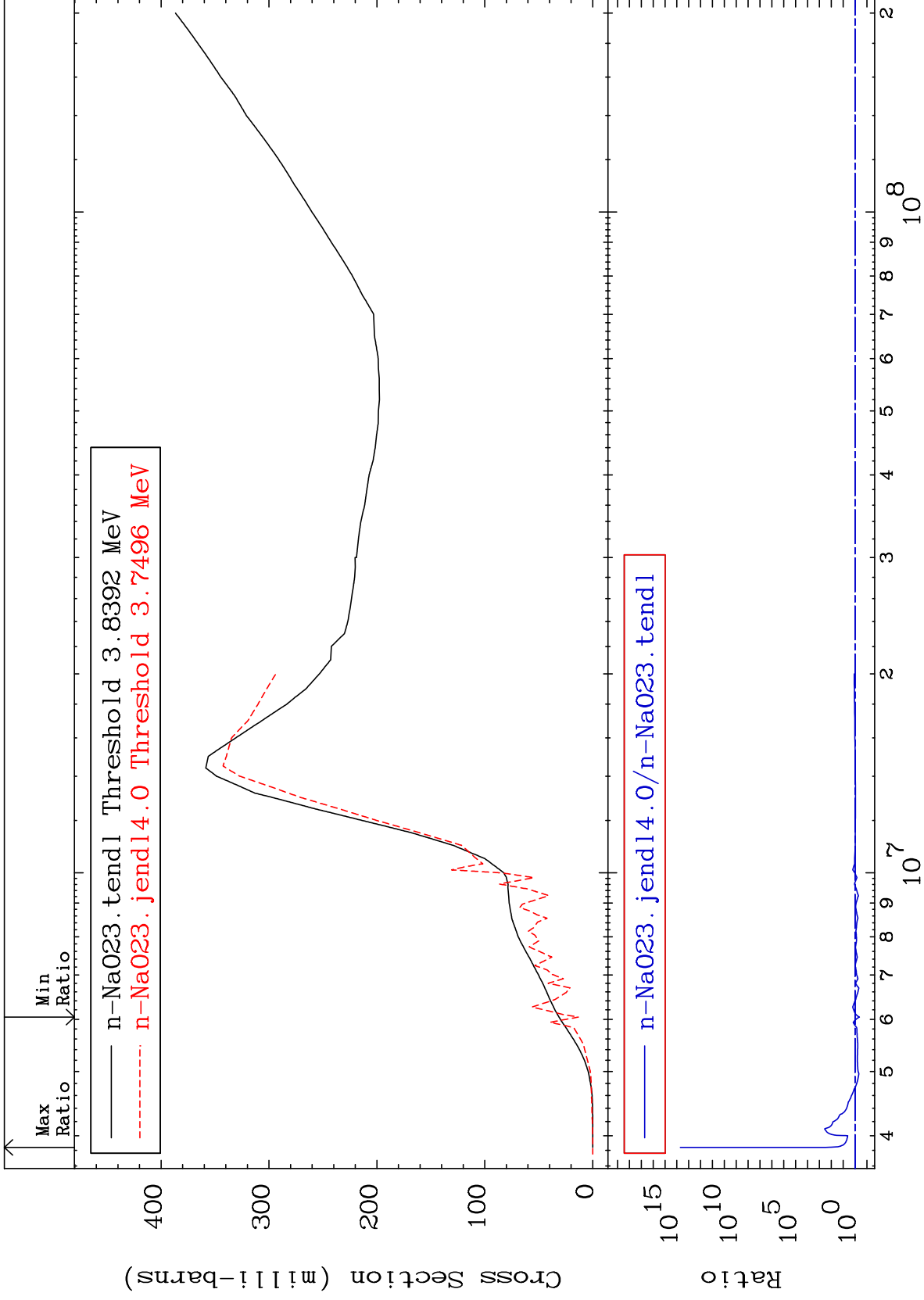




Cross Section

-56.64 To 9999. %

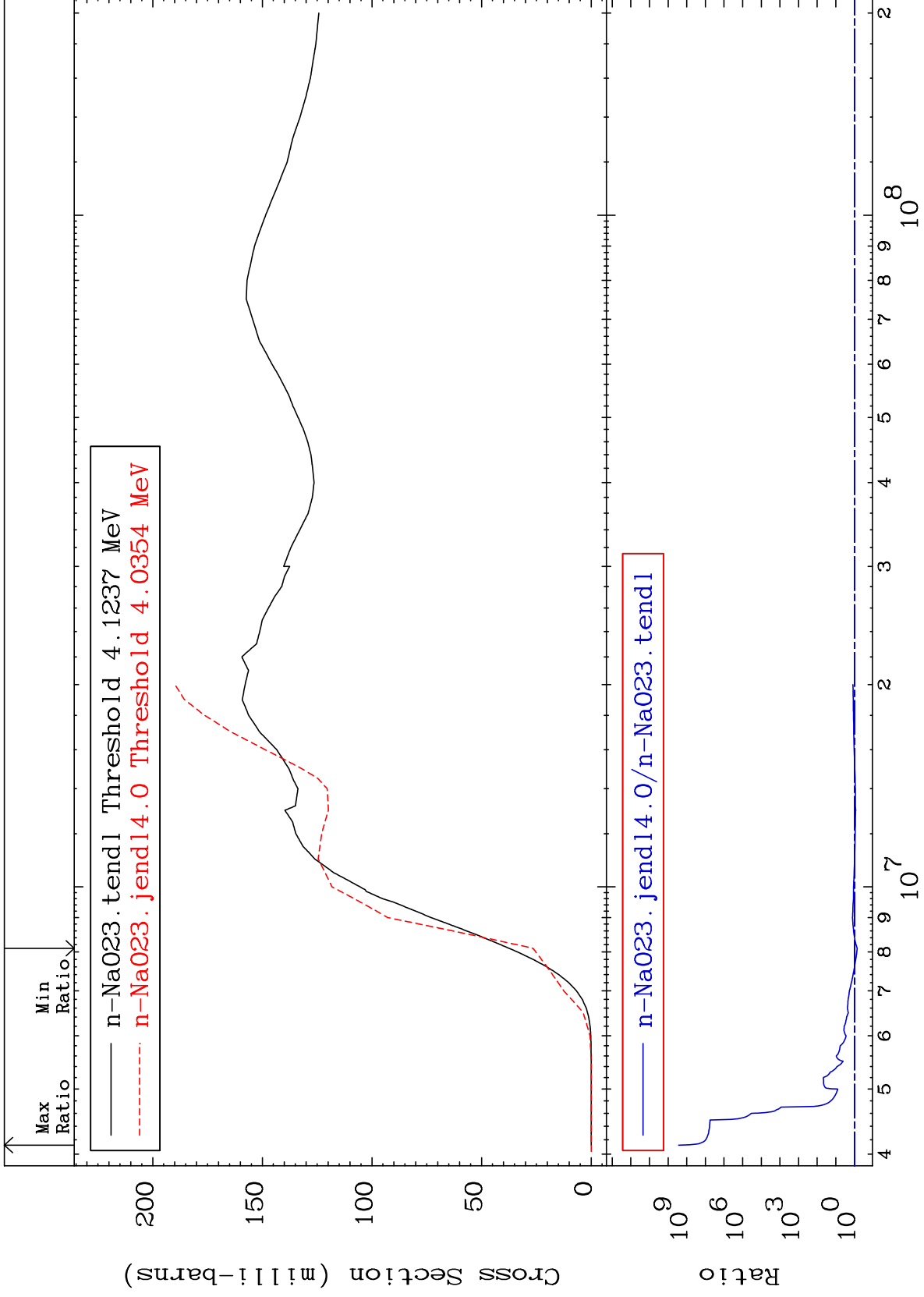




MAT 1125

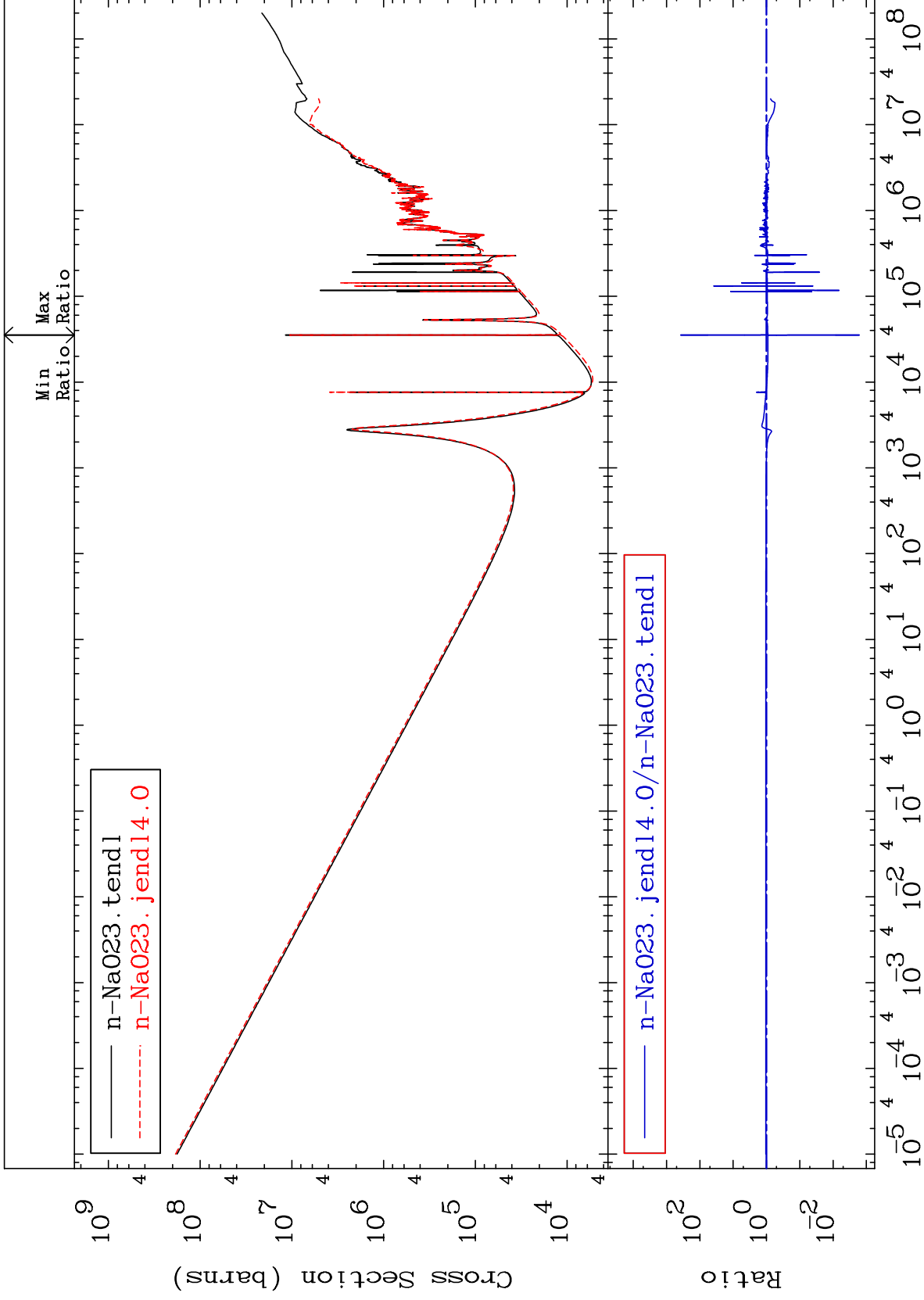
He-4 Production
Cross Section

11-Na-23
-29.23 To 9999. %



40

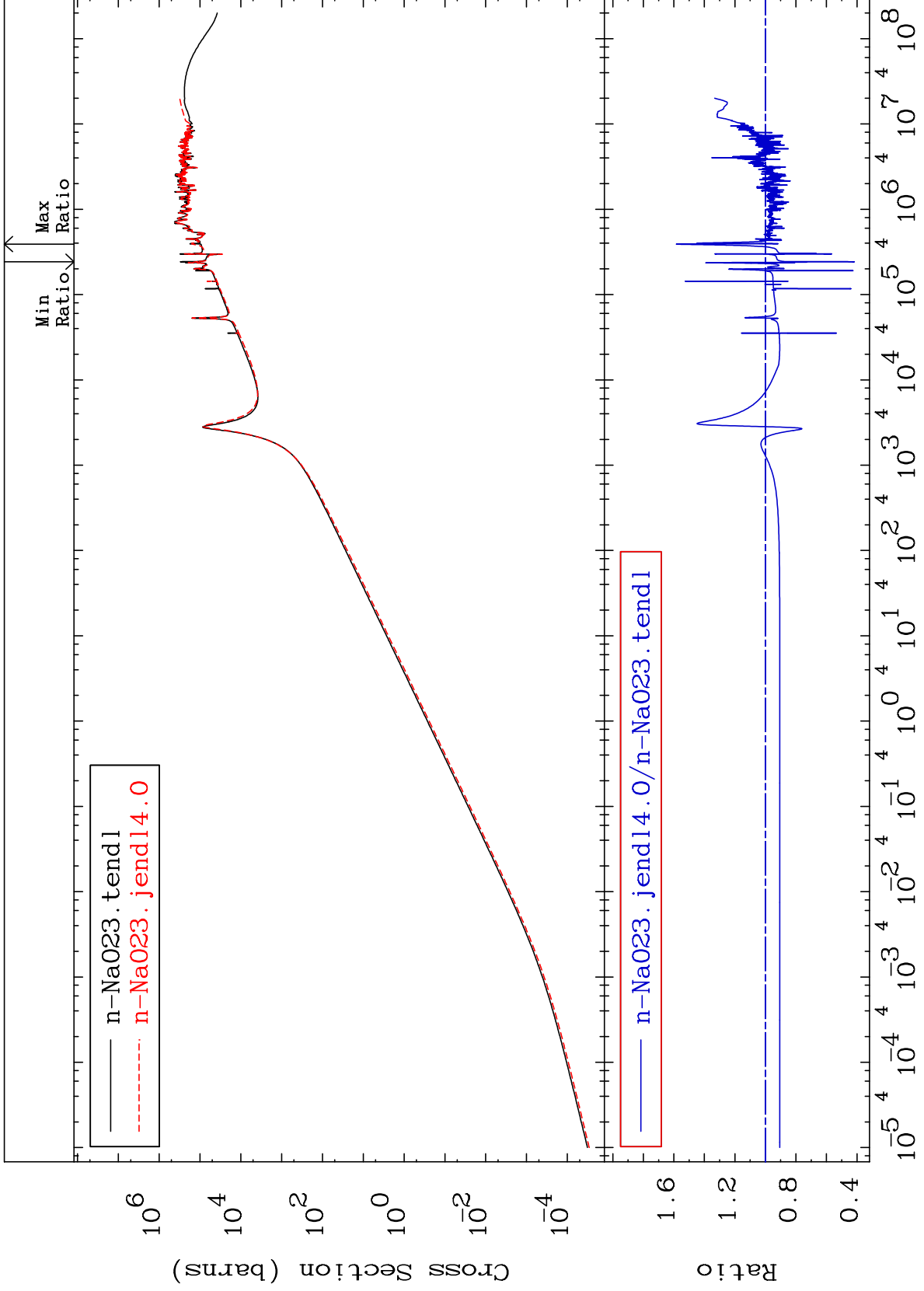
11-Na-23



MAT 1125

Kerma elastic
Cross Section

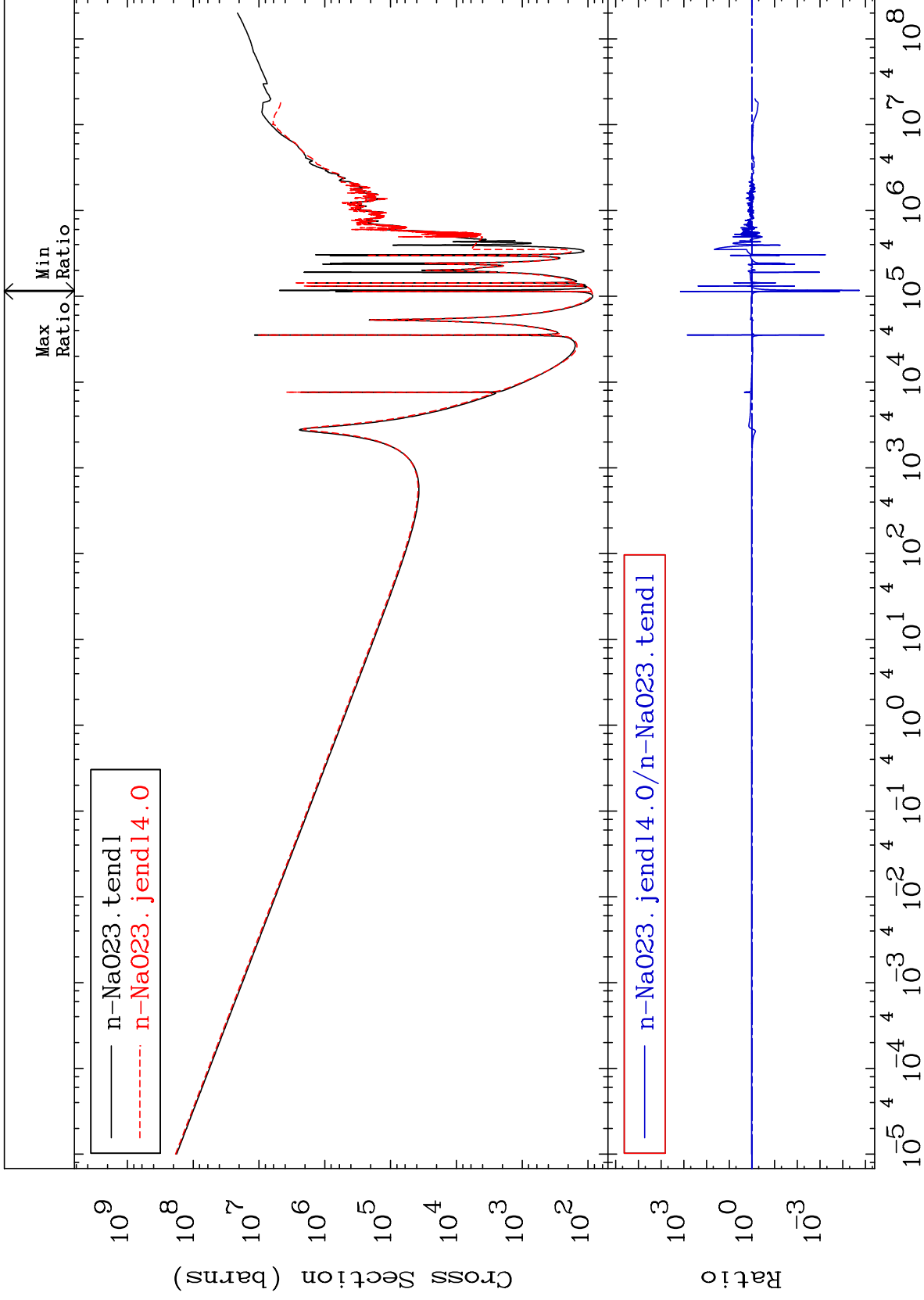
11-Na-23
-58.30 To 58.36 %

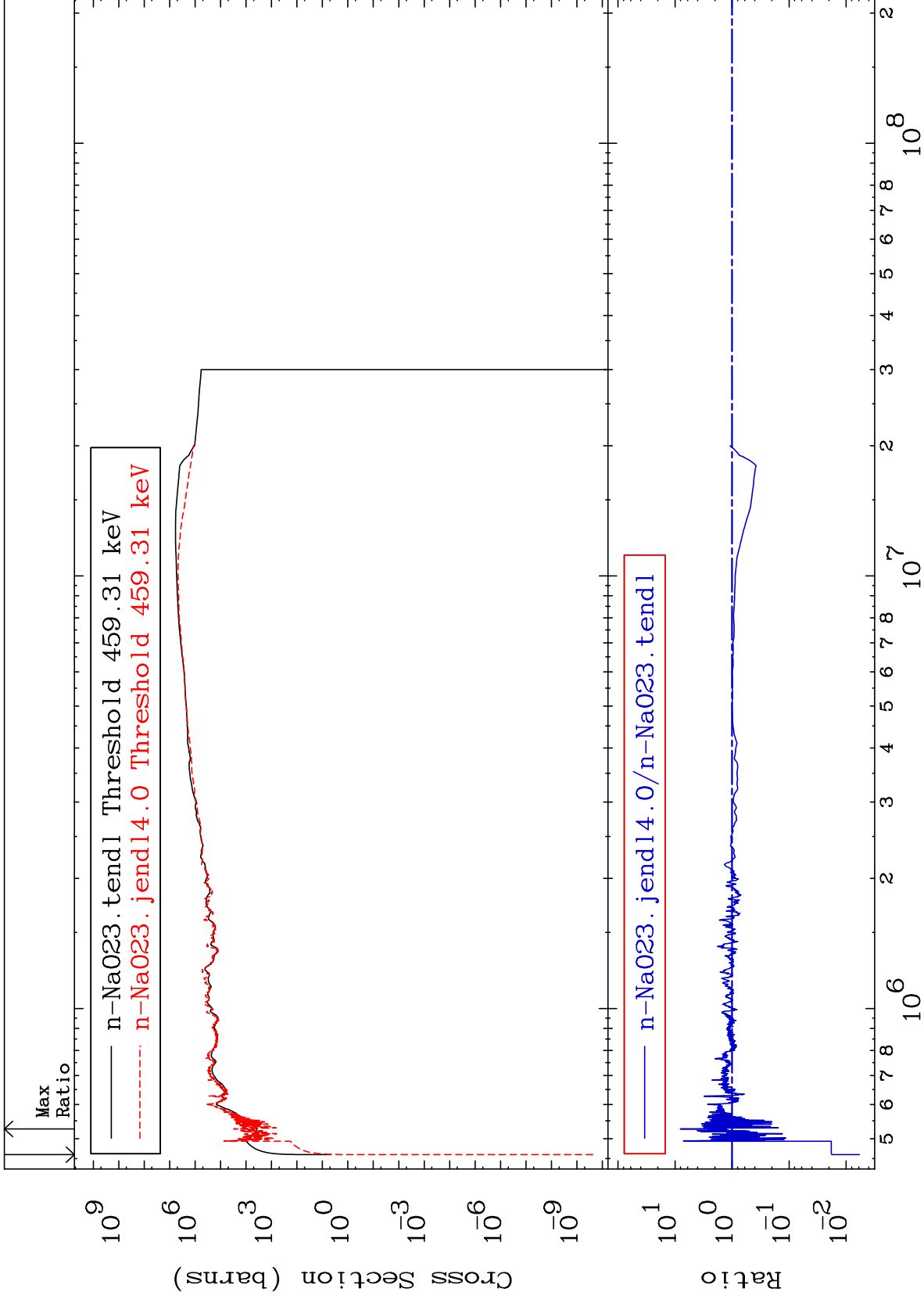


Incident Energy (eV)

11-Na-23

42

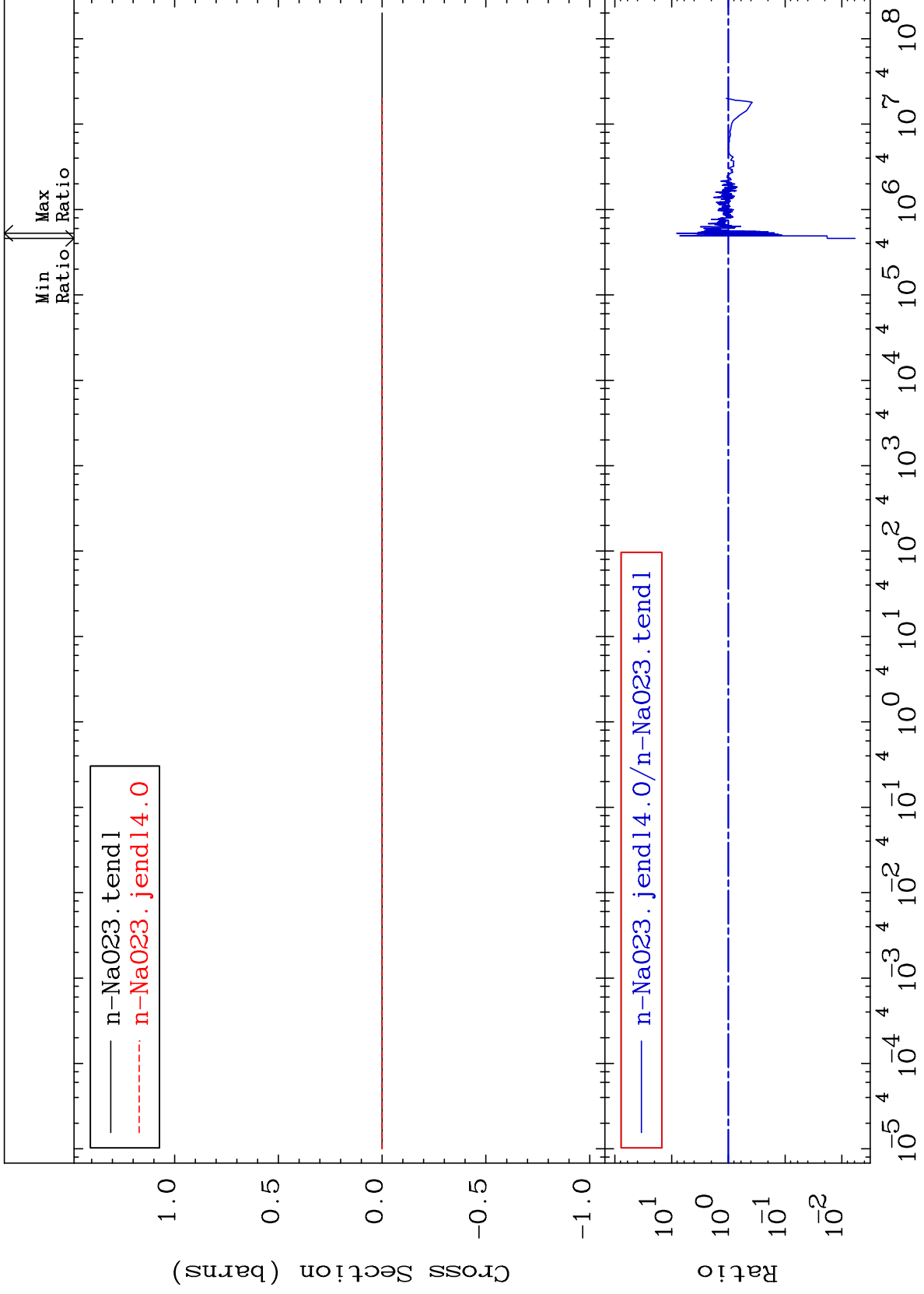


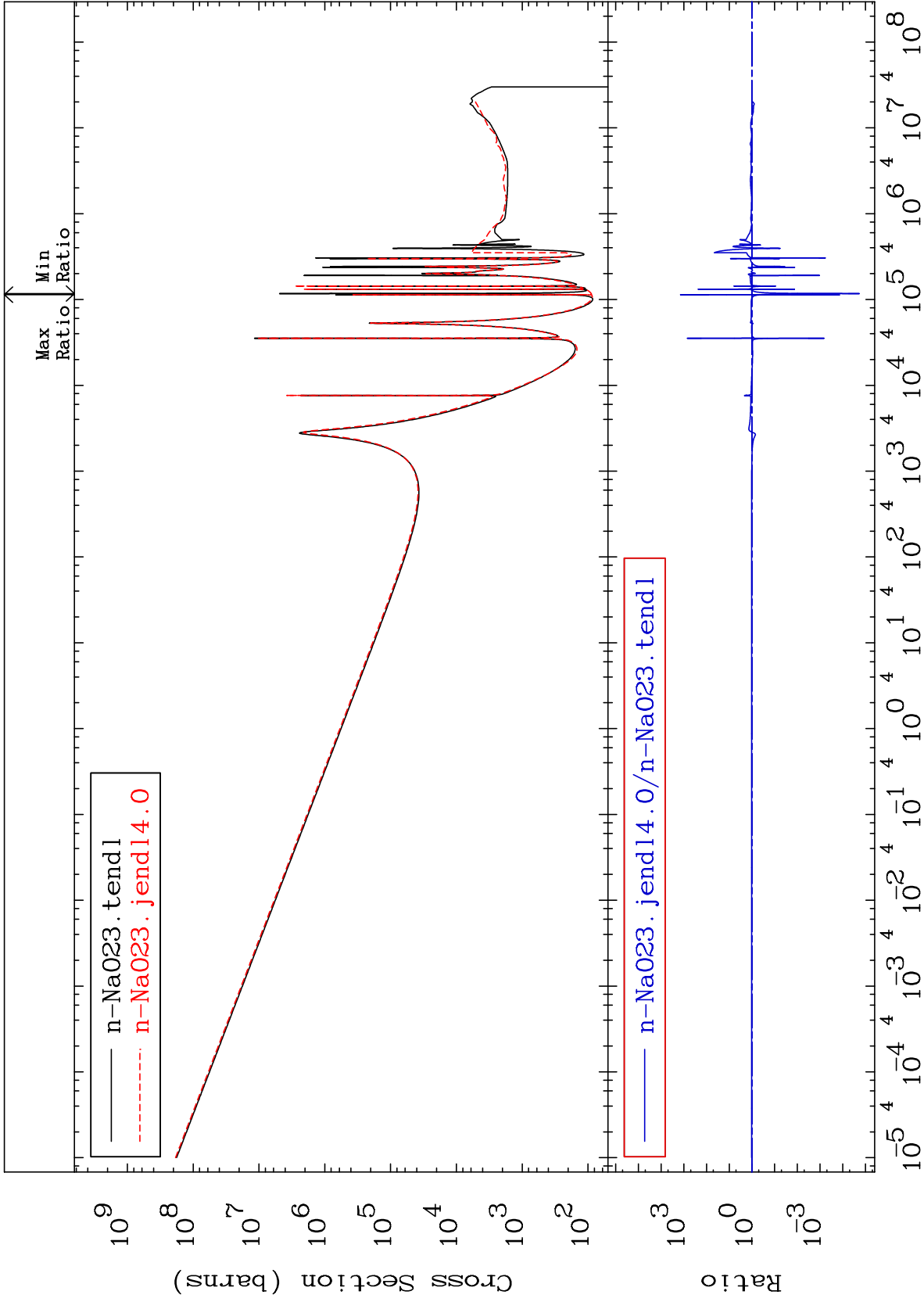


MAT 1125

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

11-Na-23
-99.42 To 706.0 %

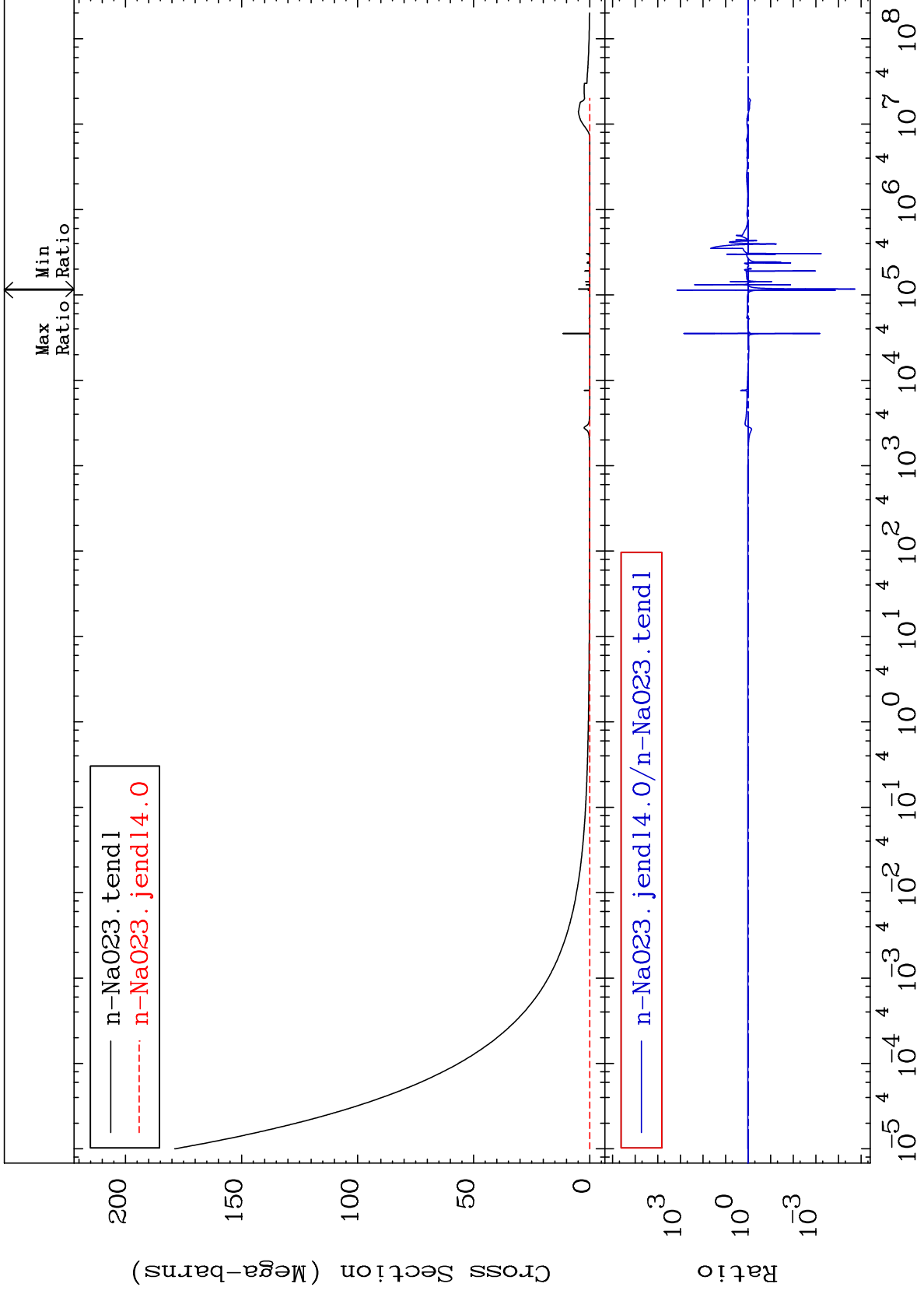




MAT 1125

Total photon (eV-barns)
Cross Section

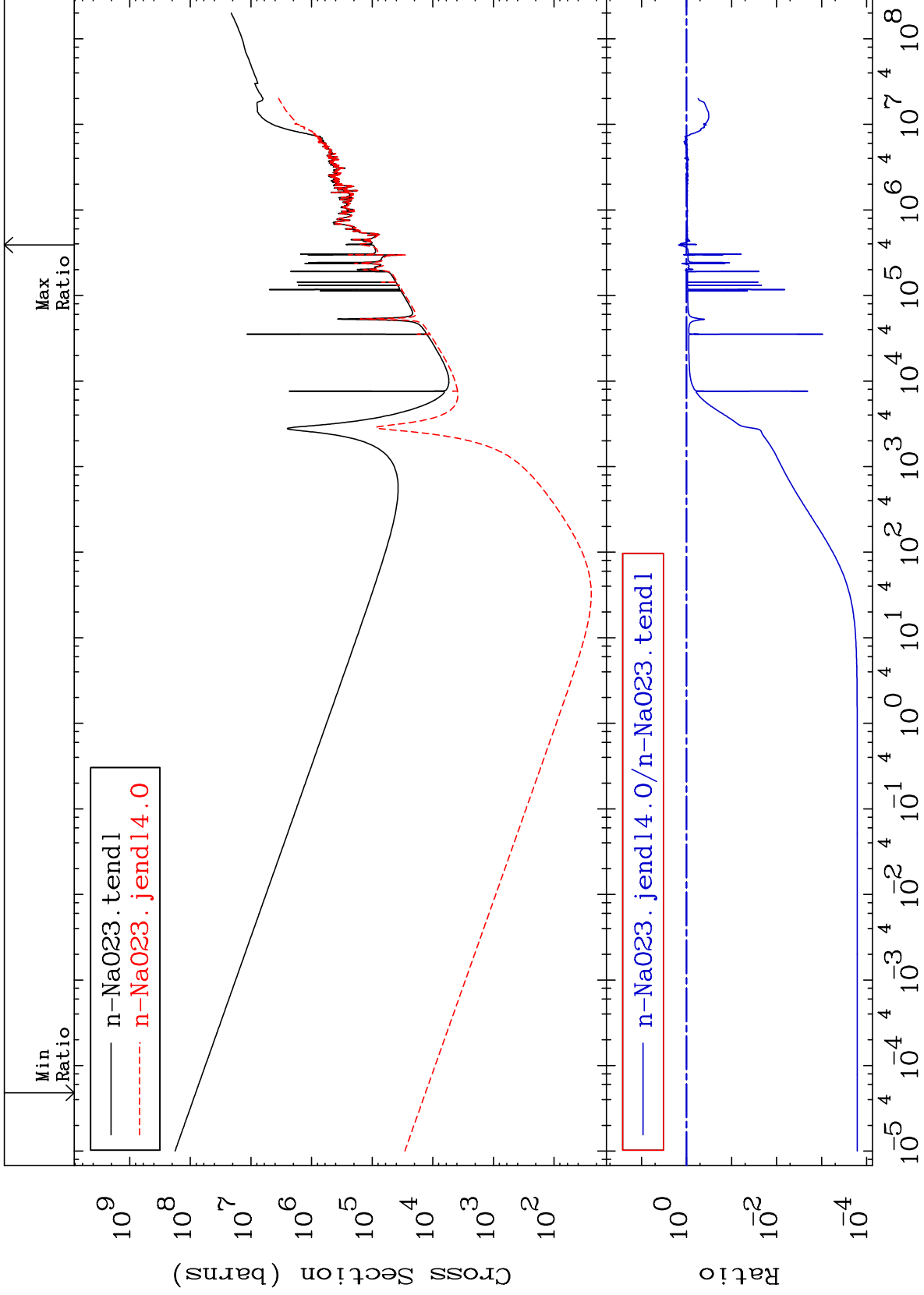
11-Na-23
-100.0 To 9999. %



MAT 1125

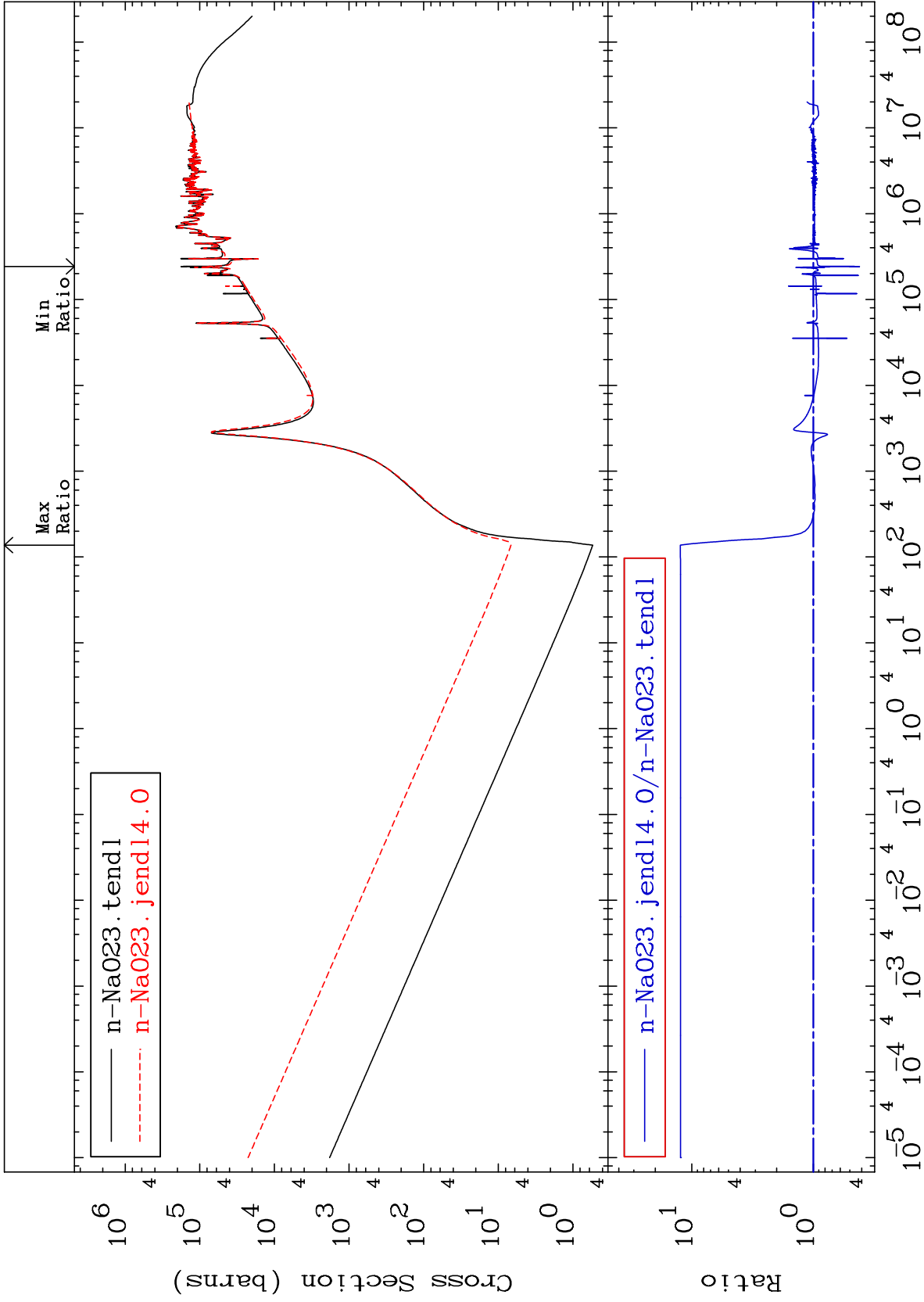
Total kinematic kerma (high limit)
Cross Section

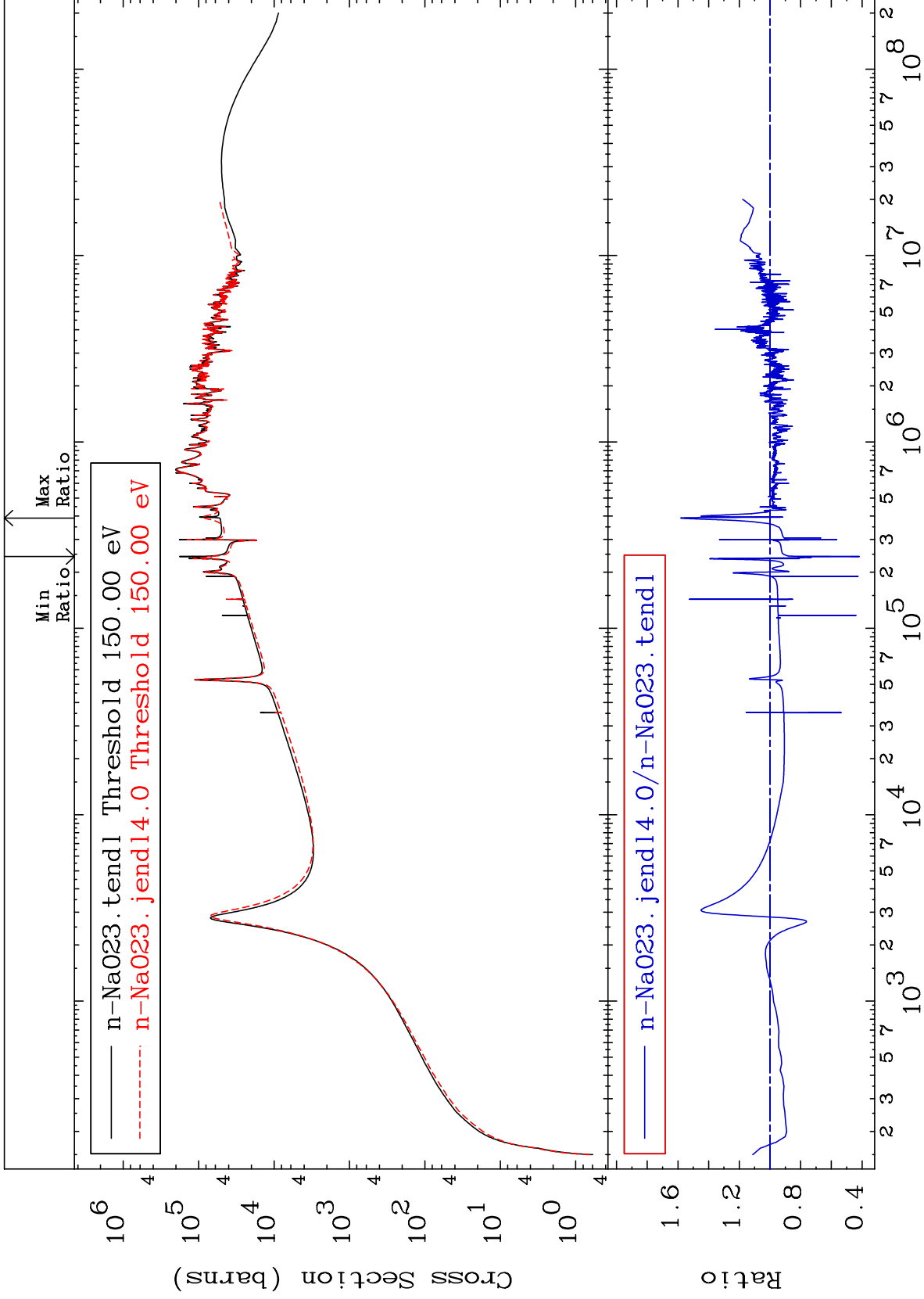
11-Na-23
-99.98 To 49.66 %



-58.29 To 1143. %

Cross Section





MAT 1125

Dpa inelastic (mt51-91)
Cross Section

11-Na-23
-99.42 To 705.8 %

