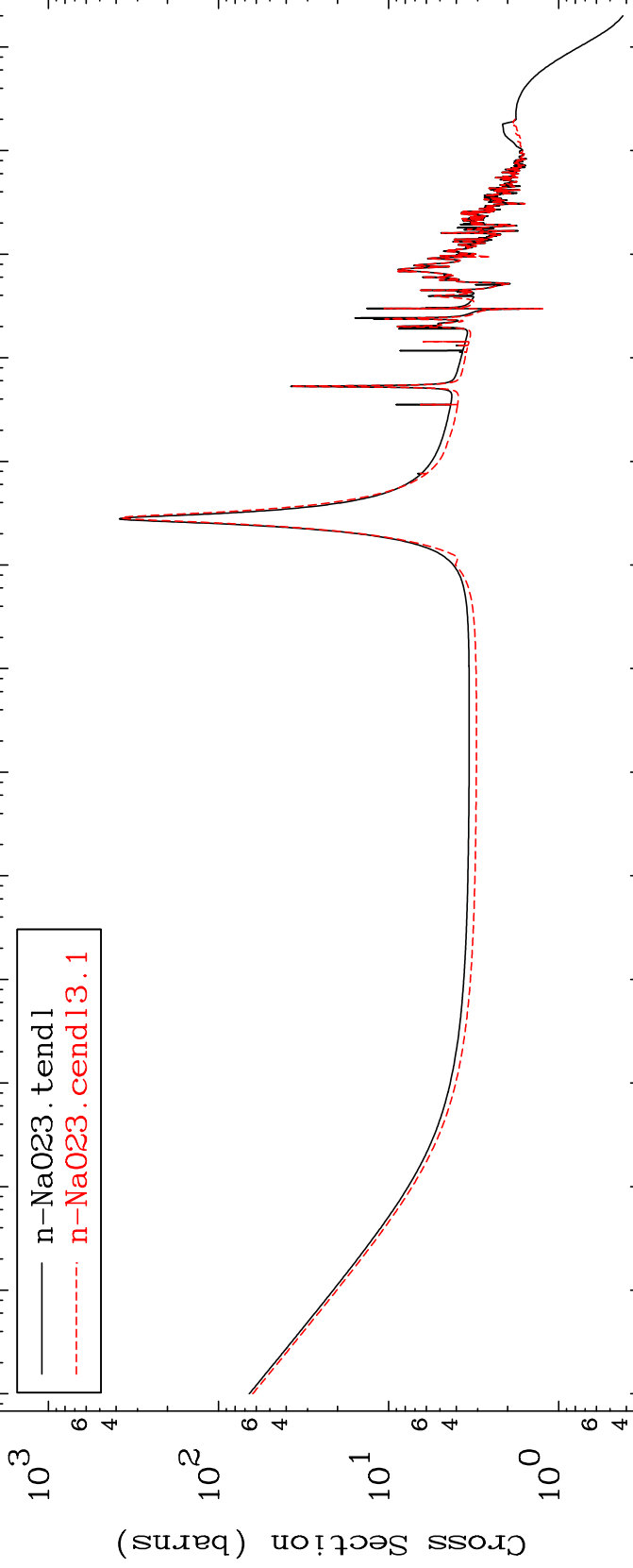


MAT 1125

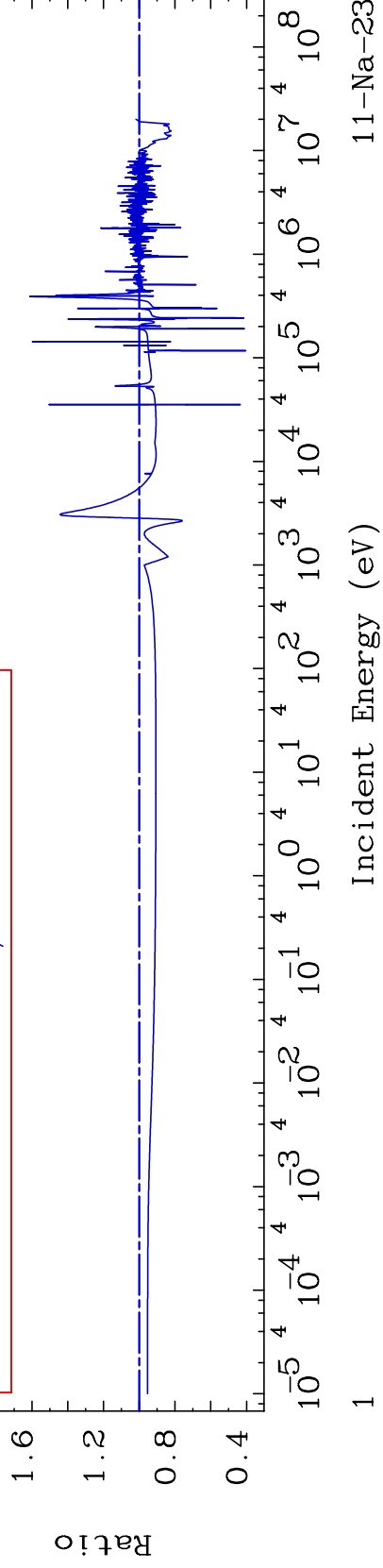
Total
Cross Section

11-Na-23
-59.50 To 61.33 %



— n-Na023.tendl
- - - n-Na023.cendl3.1

— n-Na023.cendl3.1/n-Na023.tendl

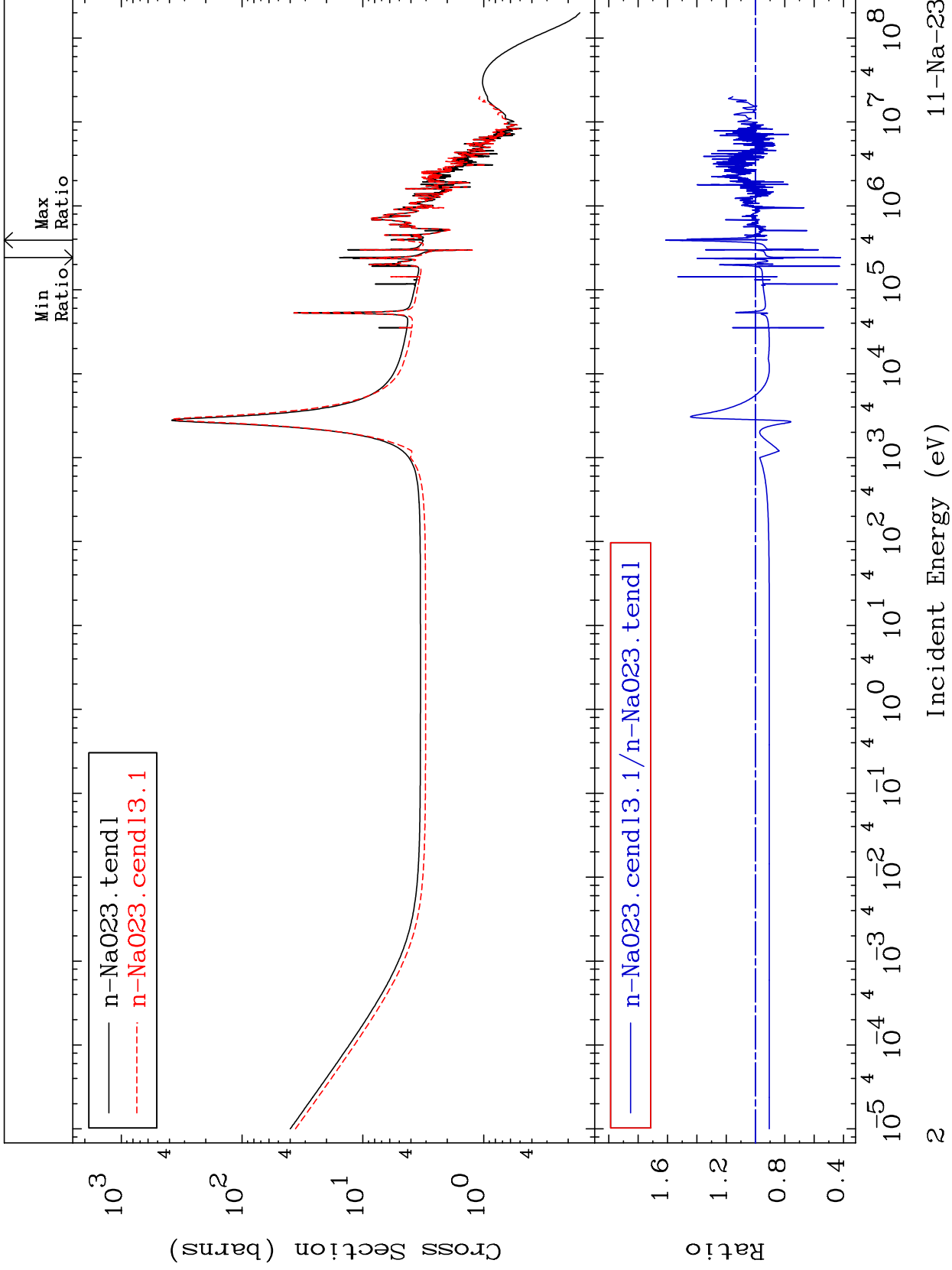


11-Na-23

MAT 1125

Elastic
Cross Section

11-Na-23
-58.06 To 61.37 %



11-Na-23

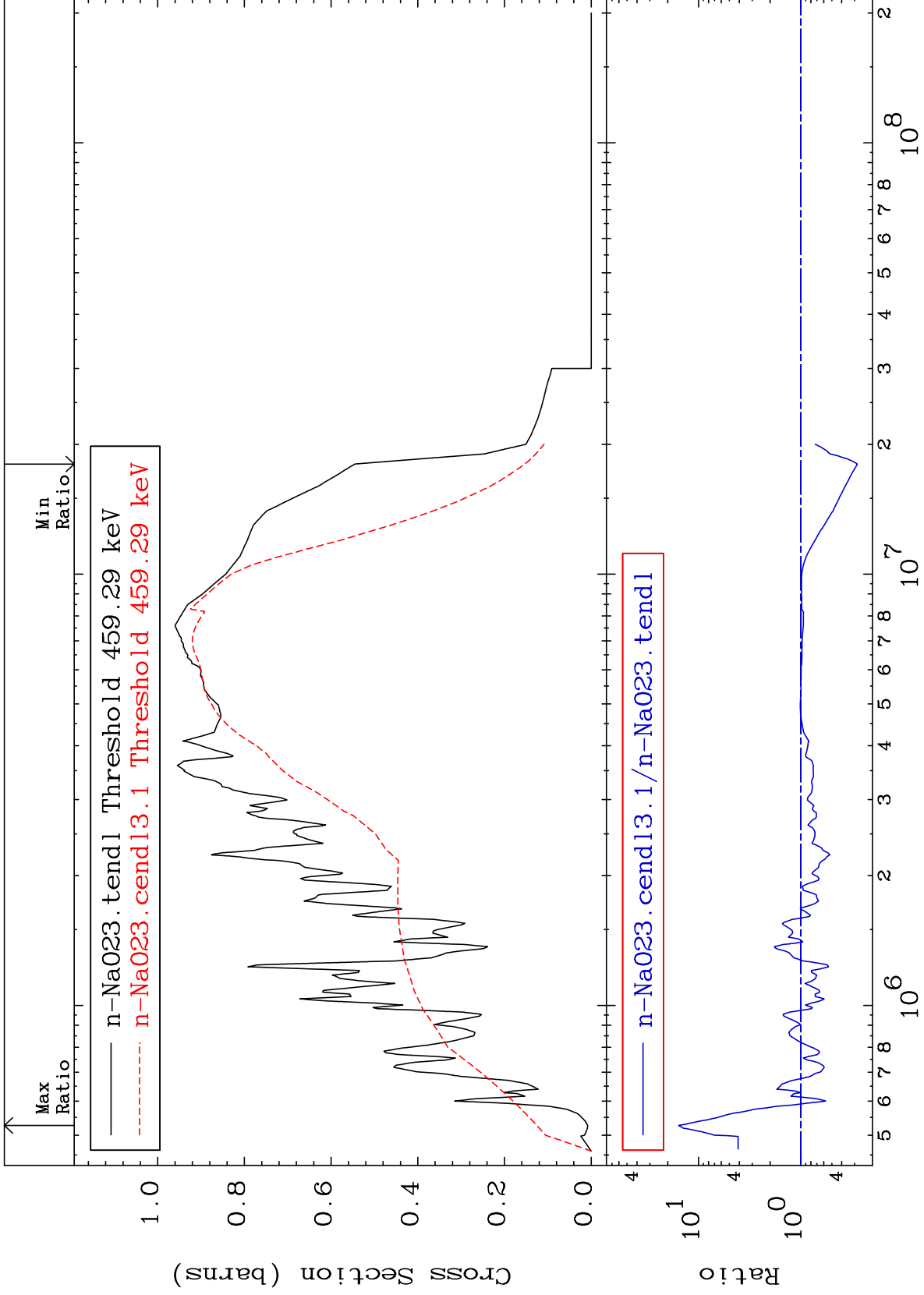
Incident Energy (eV)

2

MAT 1125

Inelastic
Cross Section

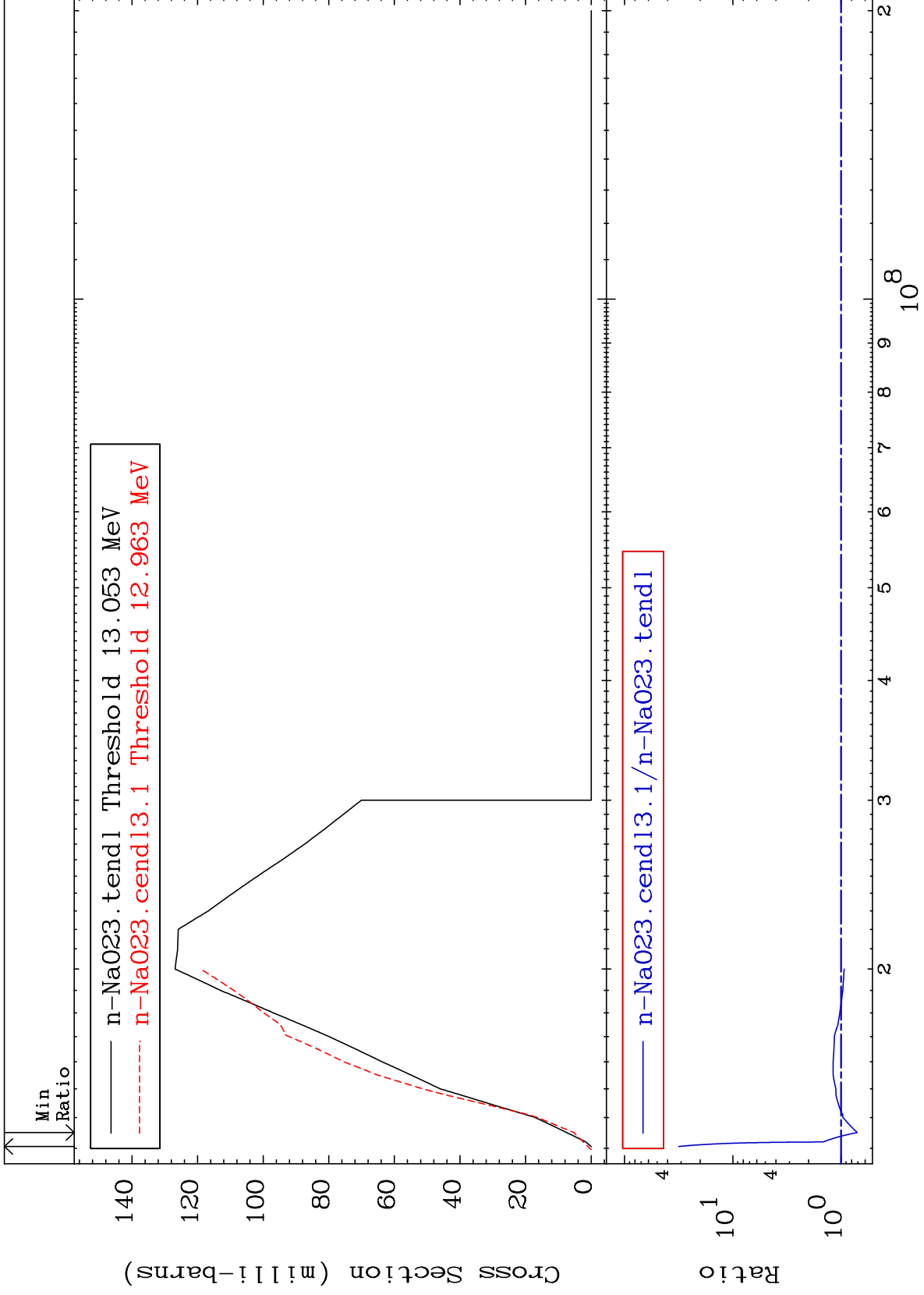
11-Na-23
-71.80 To 1468. %



MAT 1125

(n,2n)
Cross Section

11-Na-23
-29.08 To 3061. %



4

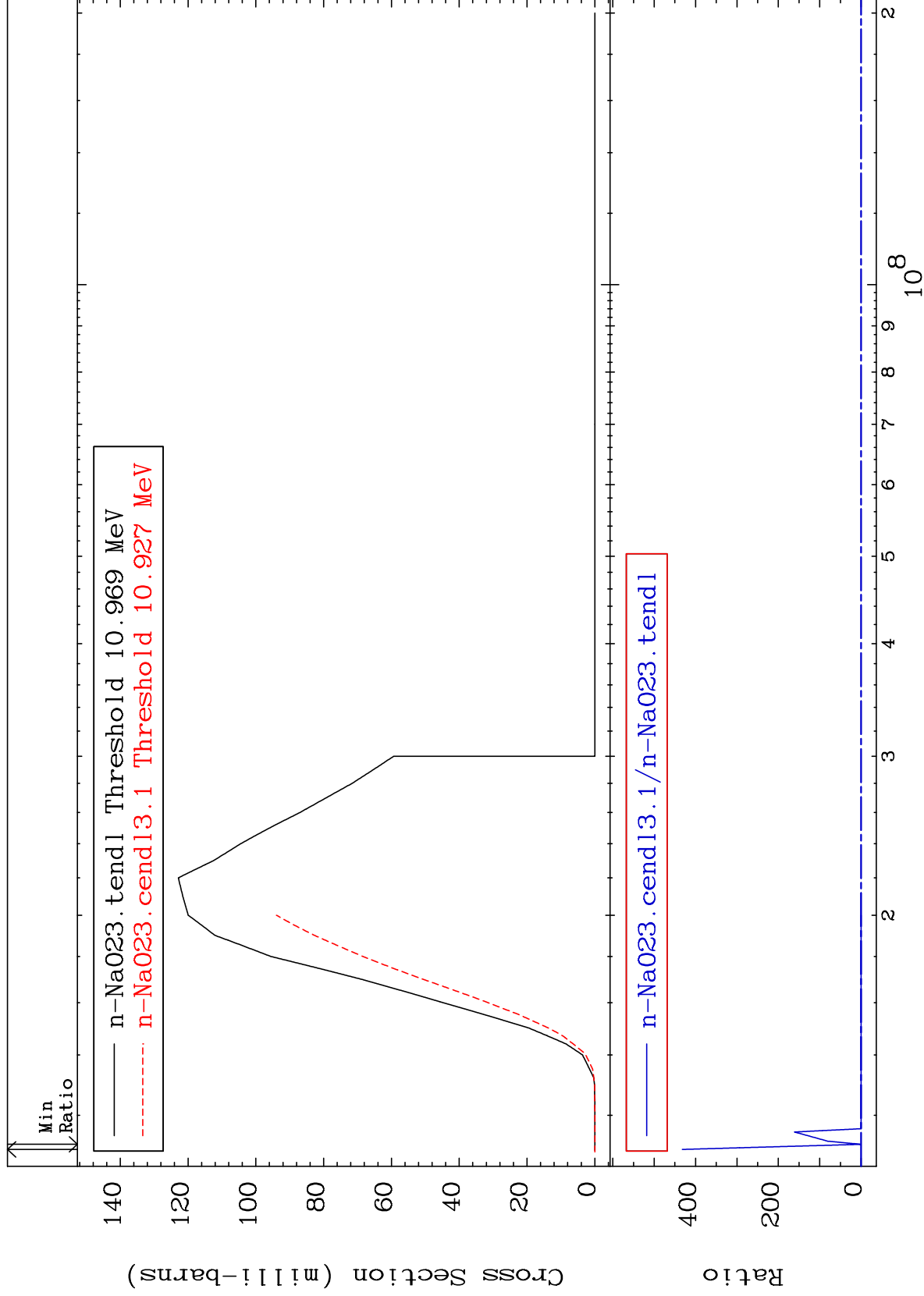
Incident Energy (eV)

11-Na-23

MAT 1125

(n,n') α
Cross Section

11-Na-23
-100.0 To 9999. %



5

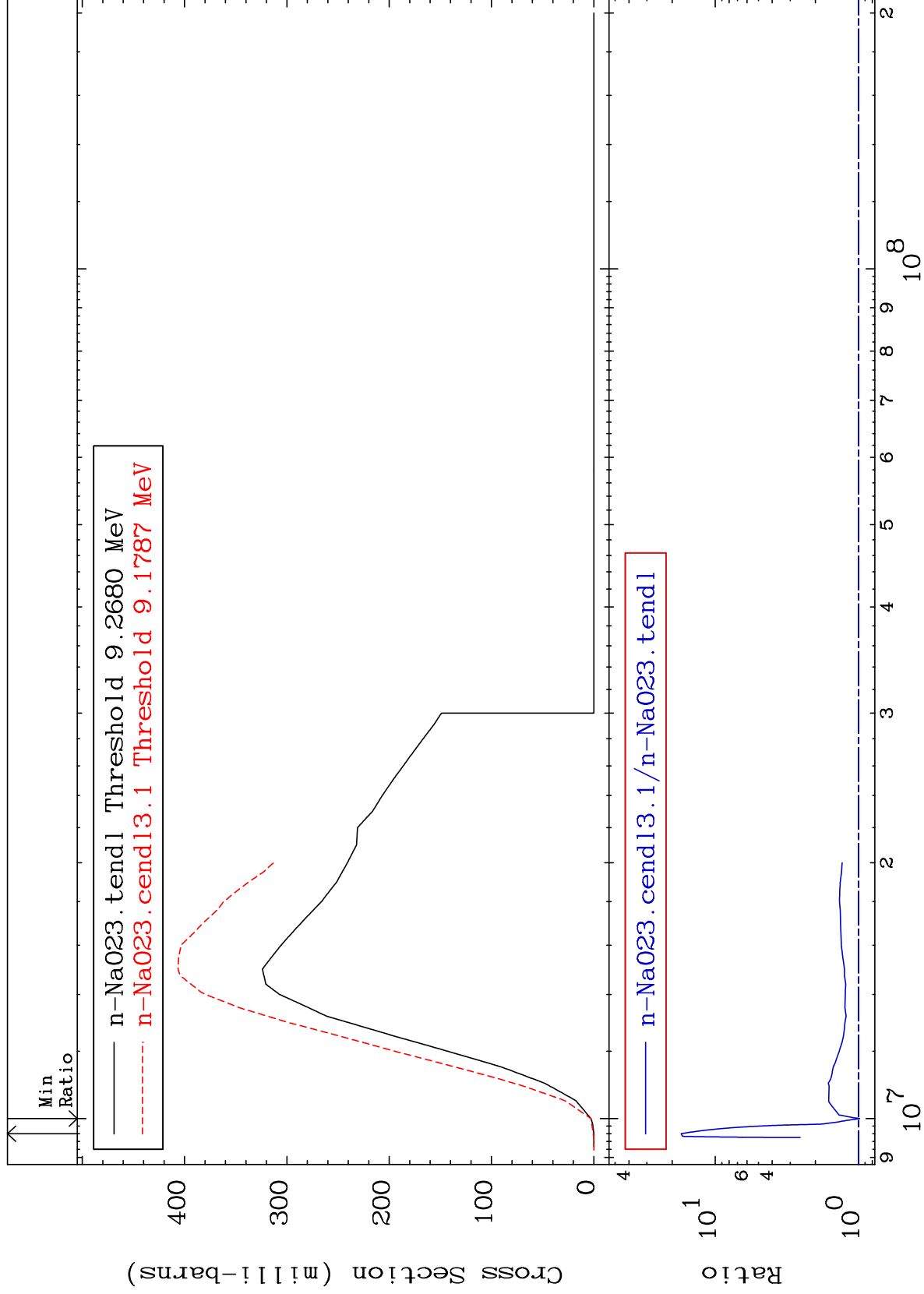
Incident Energy (eV)

11-Na-23

MAT 1125

(n,n') p
Cross Section

11-Na-23
-1.789 To 1629. %



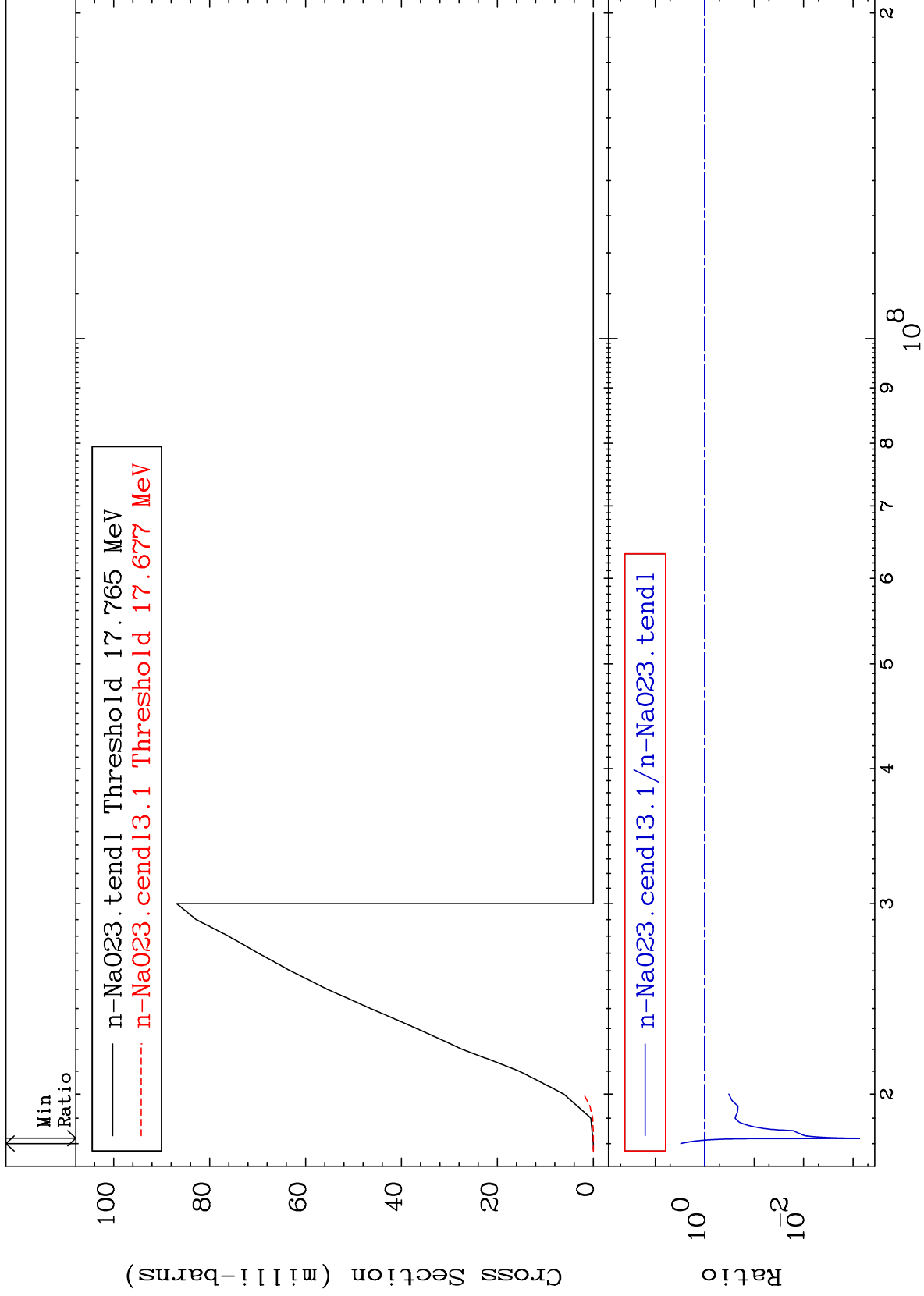
Incident Energy (eV)

11-Na-23

MAT 1125

(n,n') d
Cross Section

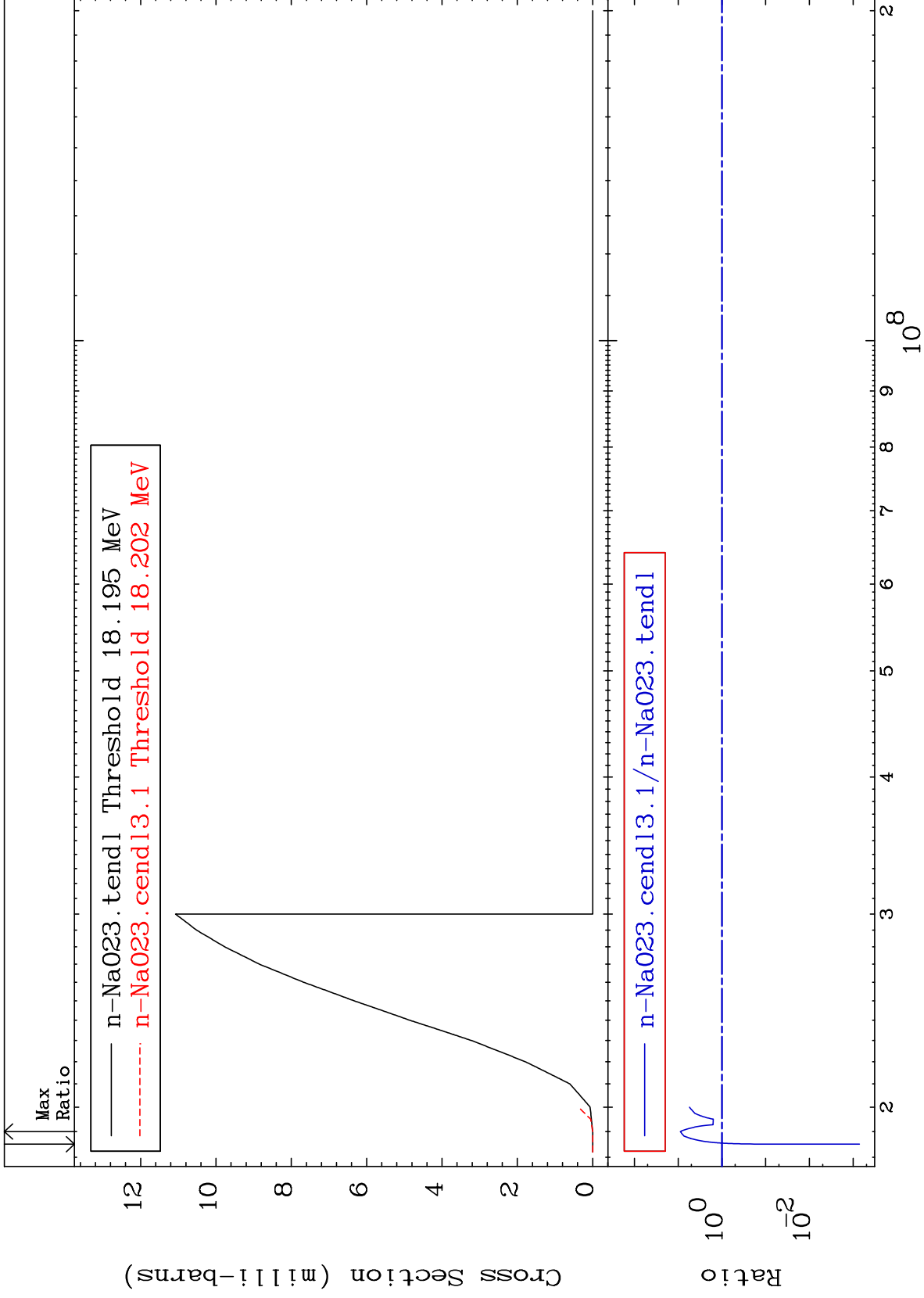
11-Na-23
-99.93 To 204.4 %



MAT 1125

(n,n') t
Cross Section

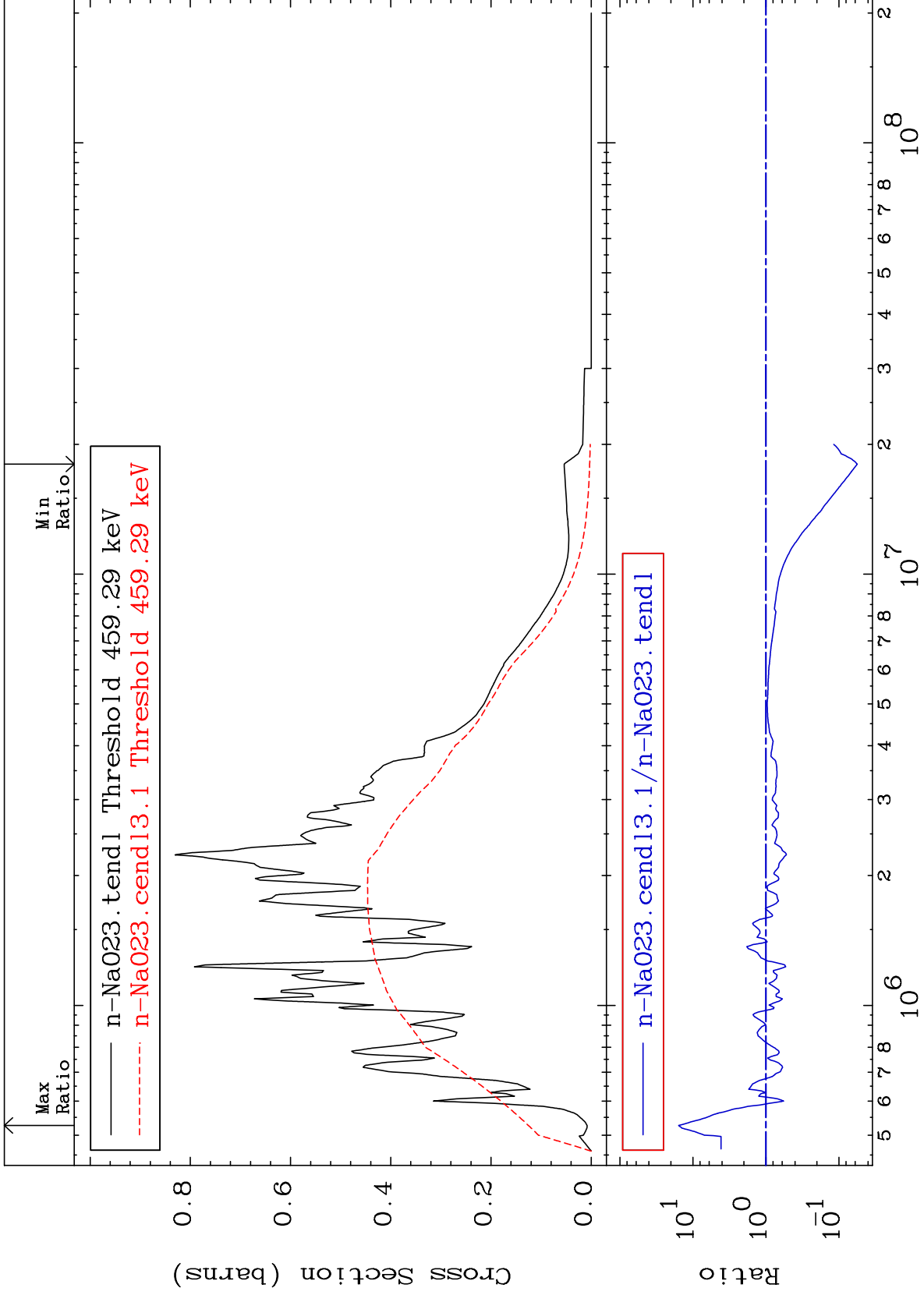
11-Na-23
-99.93 To 789.6 %



MAT 1125

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

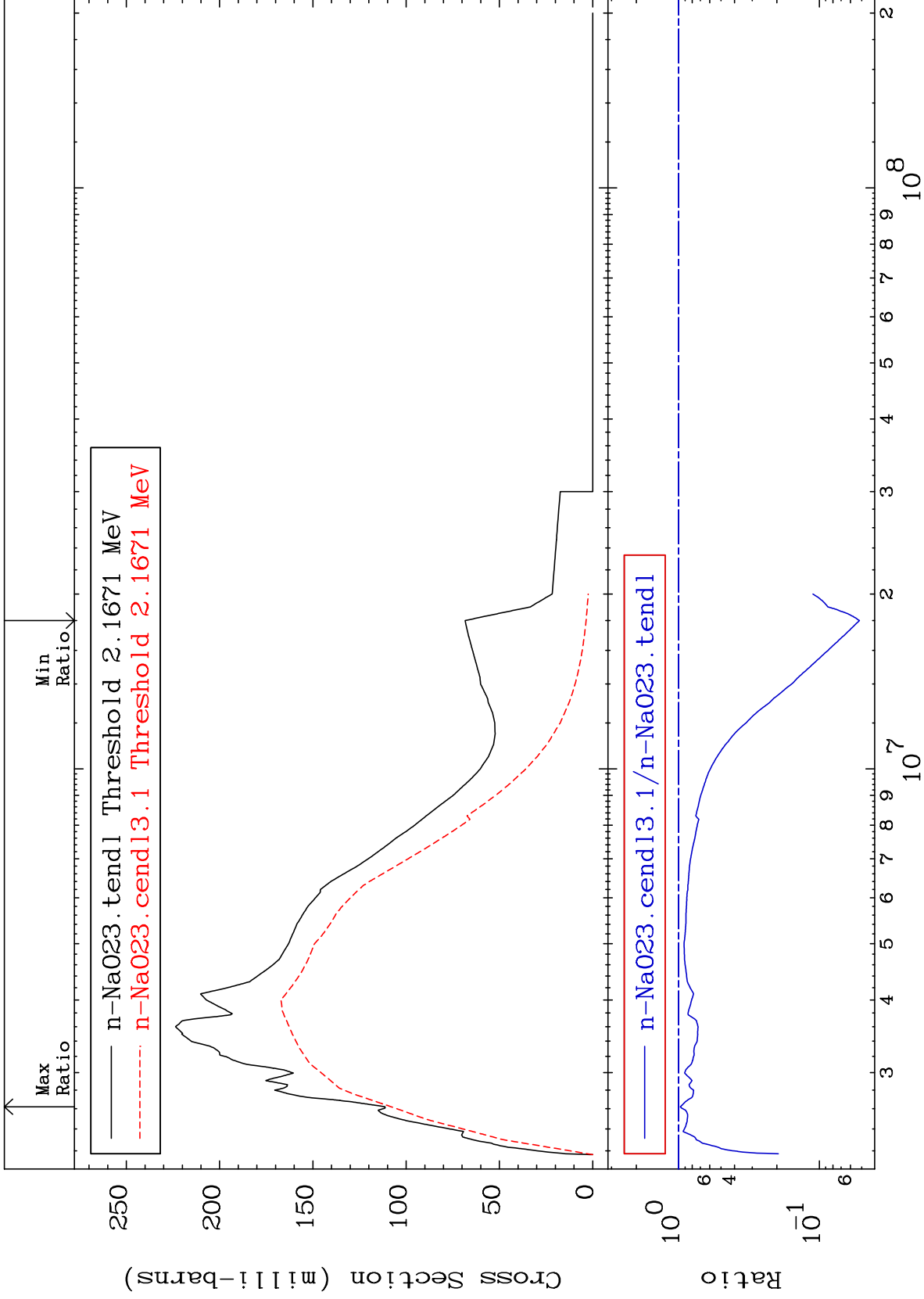
11-Na-23
-94.38 To 1468. %



MAT 1125

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

11-Na-23
-94.81 To -2.871%



10

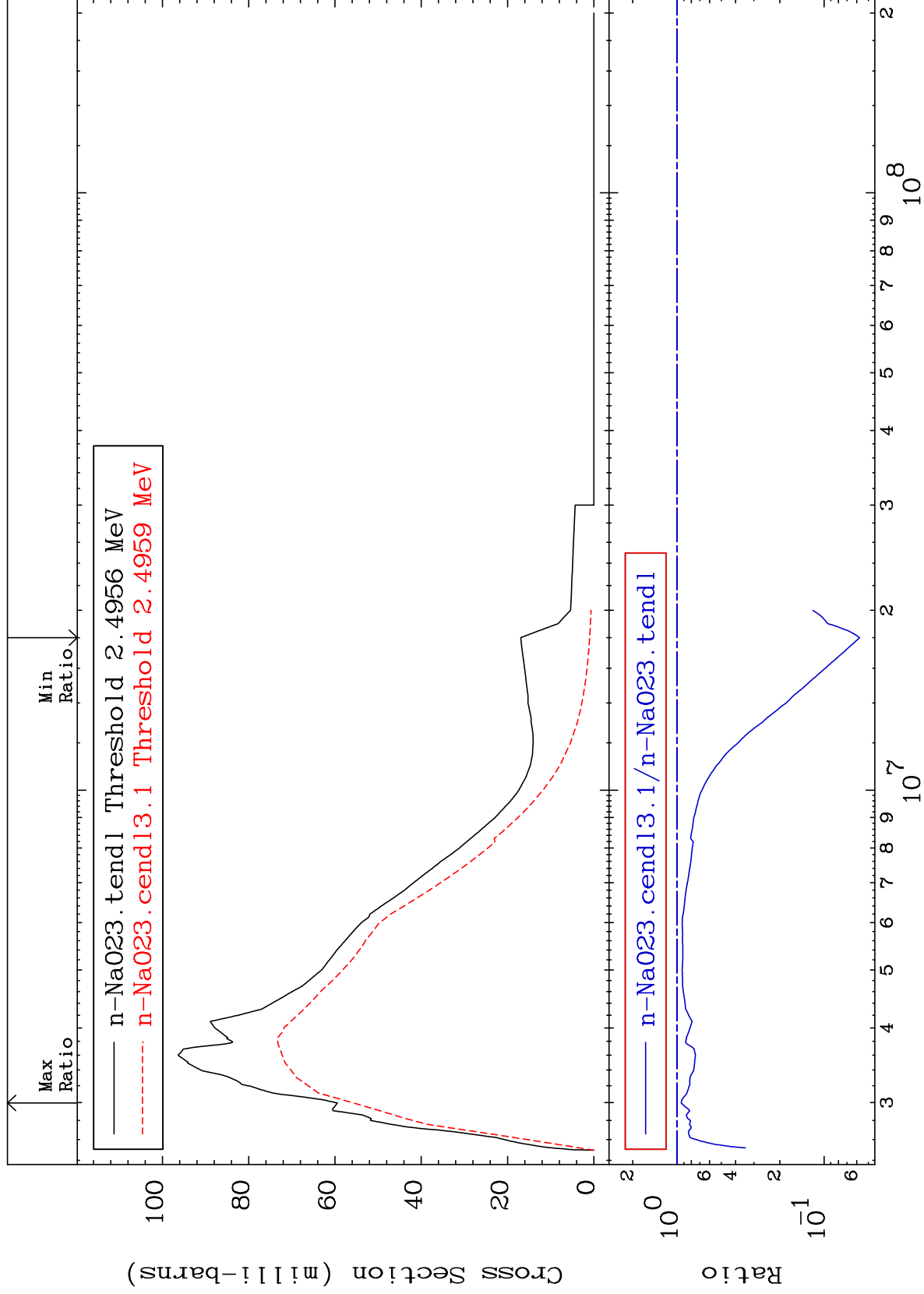
Incident Energy (eV)

11-Na-23

MAT 1125

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

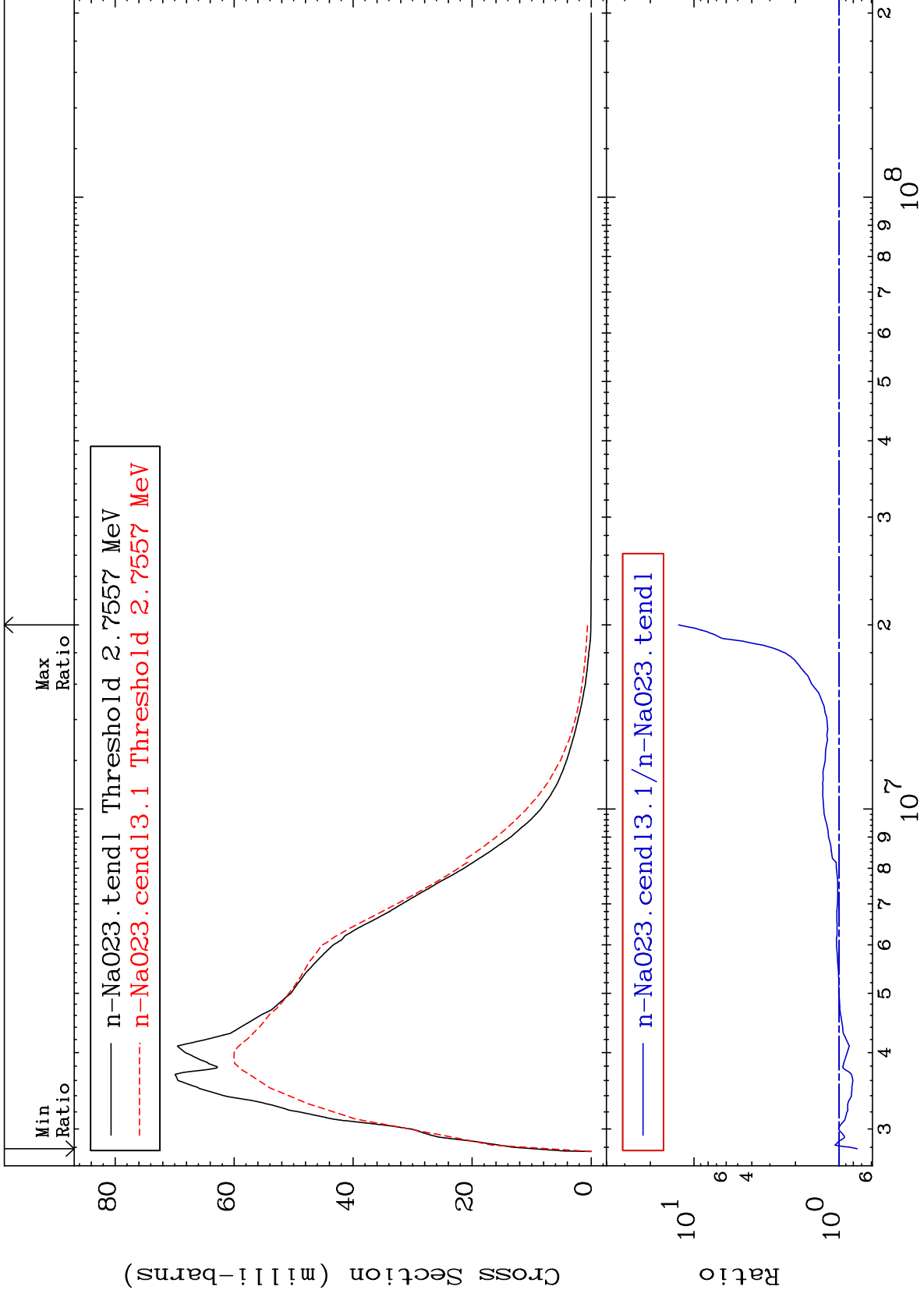
11-Na-23
-94.27 To -6.264%



MAT 1125

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

11-Na-23
-24.96 To 1176. %

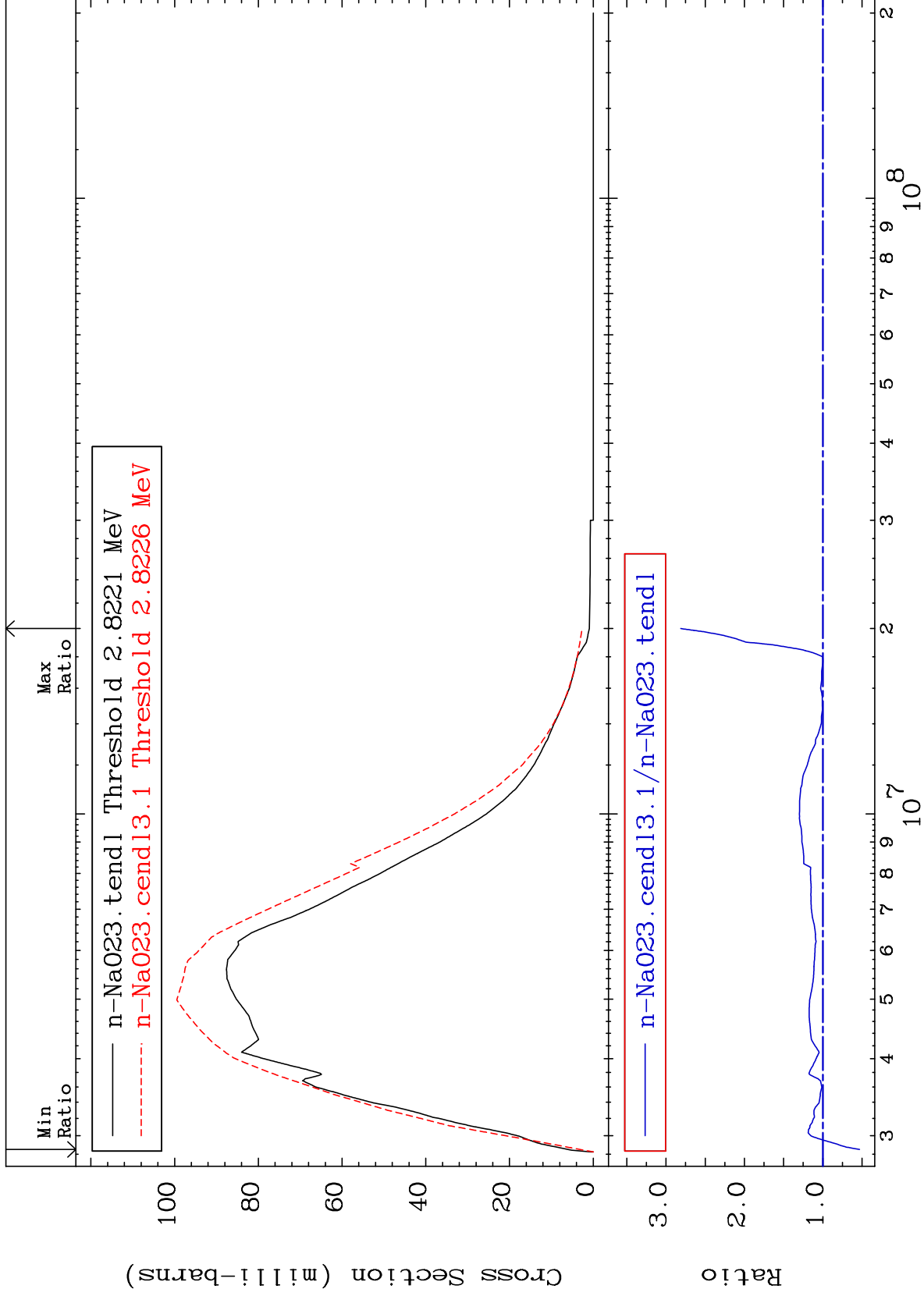


12

MAT 1125

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

11-Na-23
-46.83 To 181.1 %



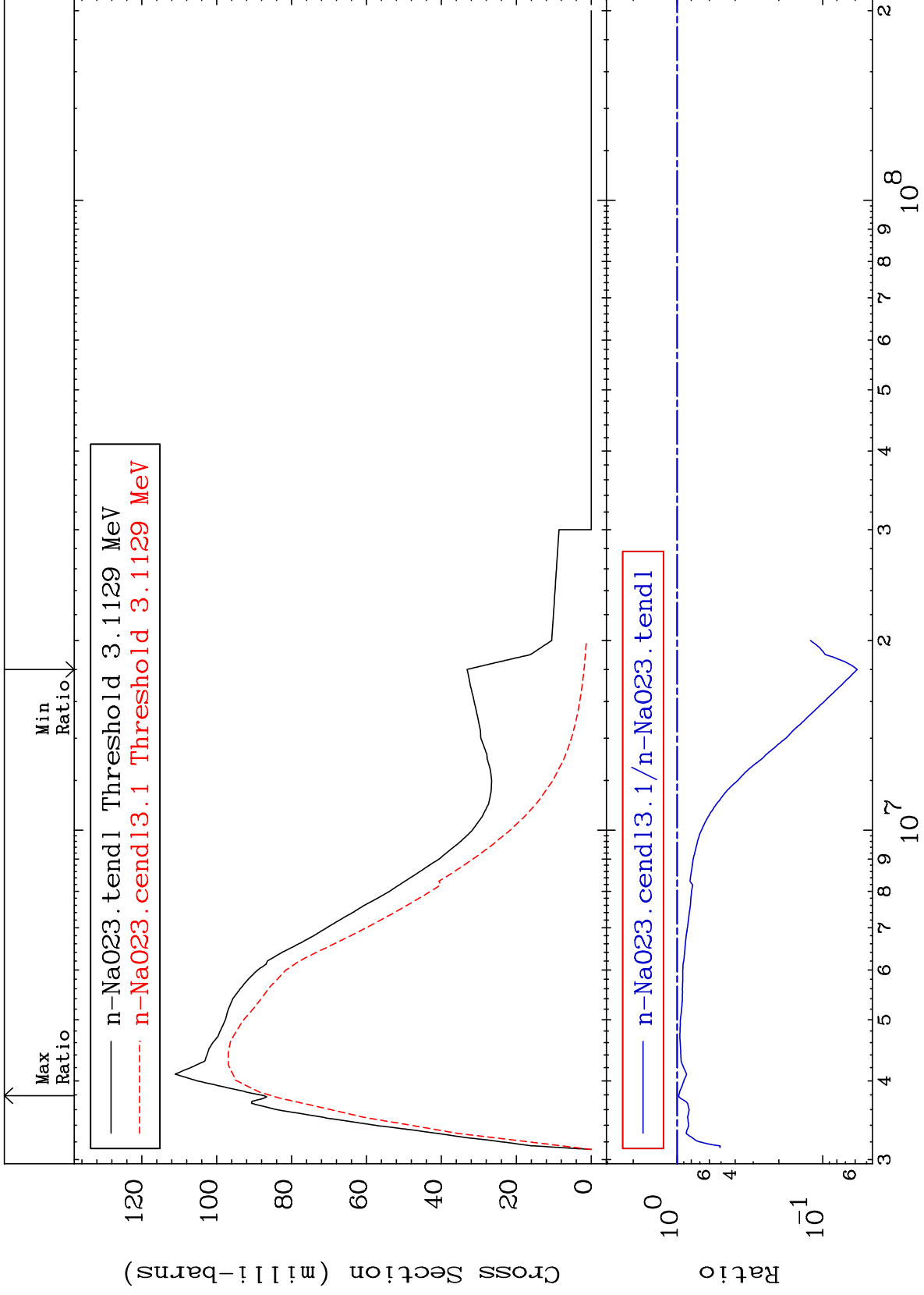
13

11-Na-23

MAT 1125

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

11-Na-23
-94.20 To -2.287%



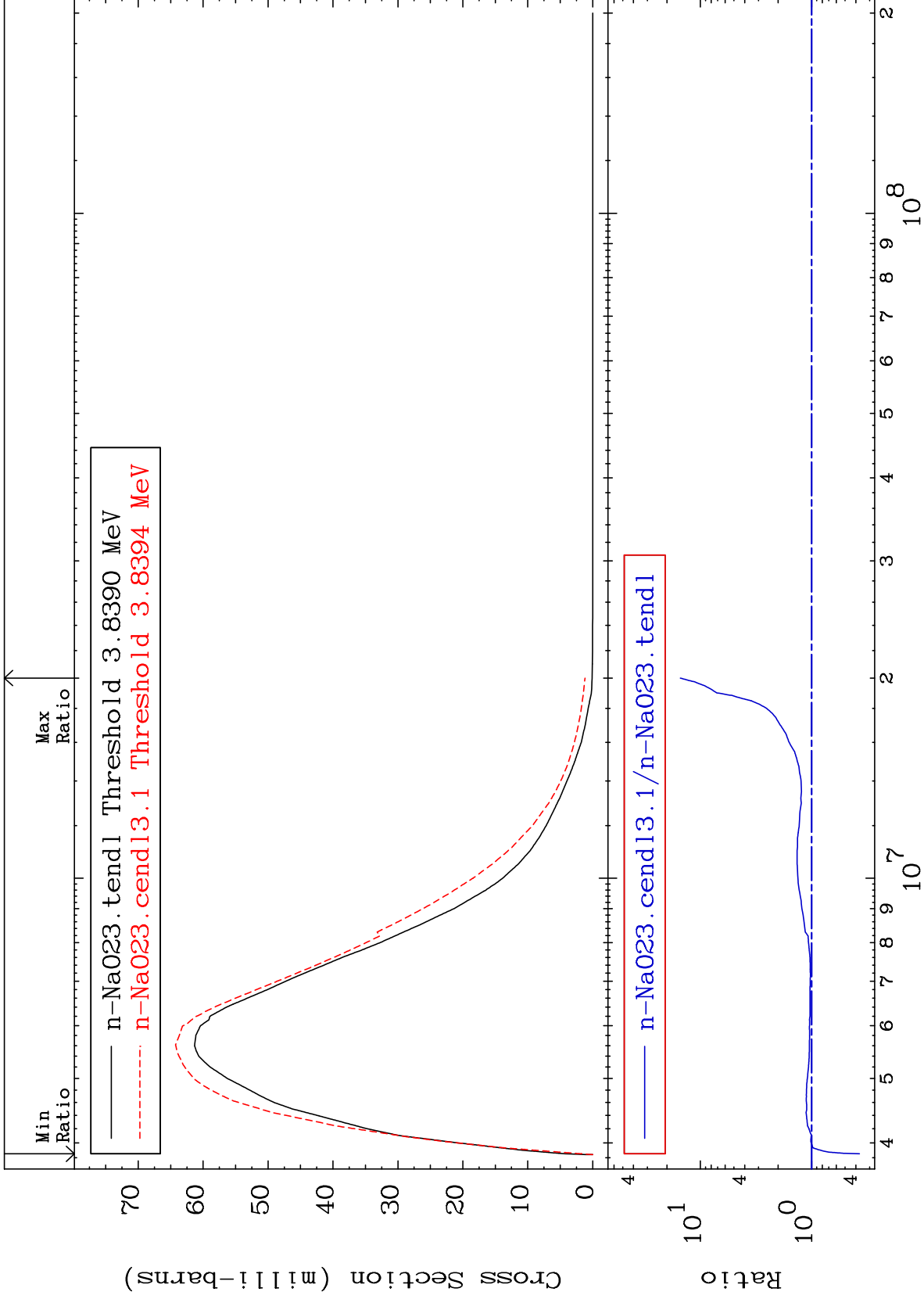
14

11-Na-23

MAT 1125

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

11-Na-23
-62.88 To 1415. %



15

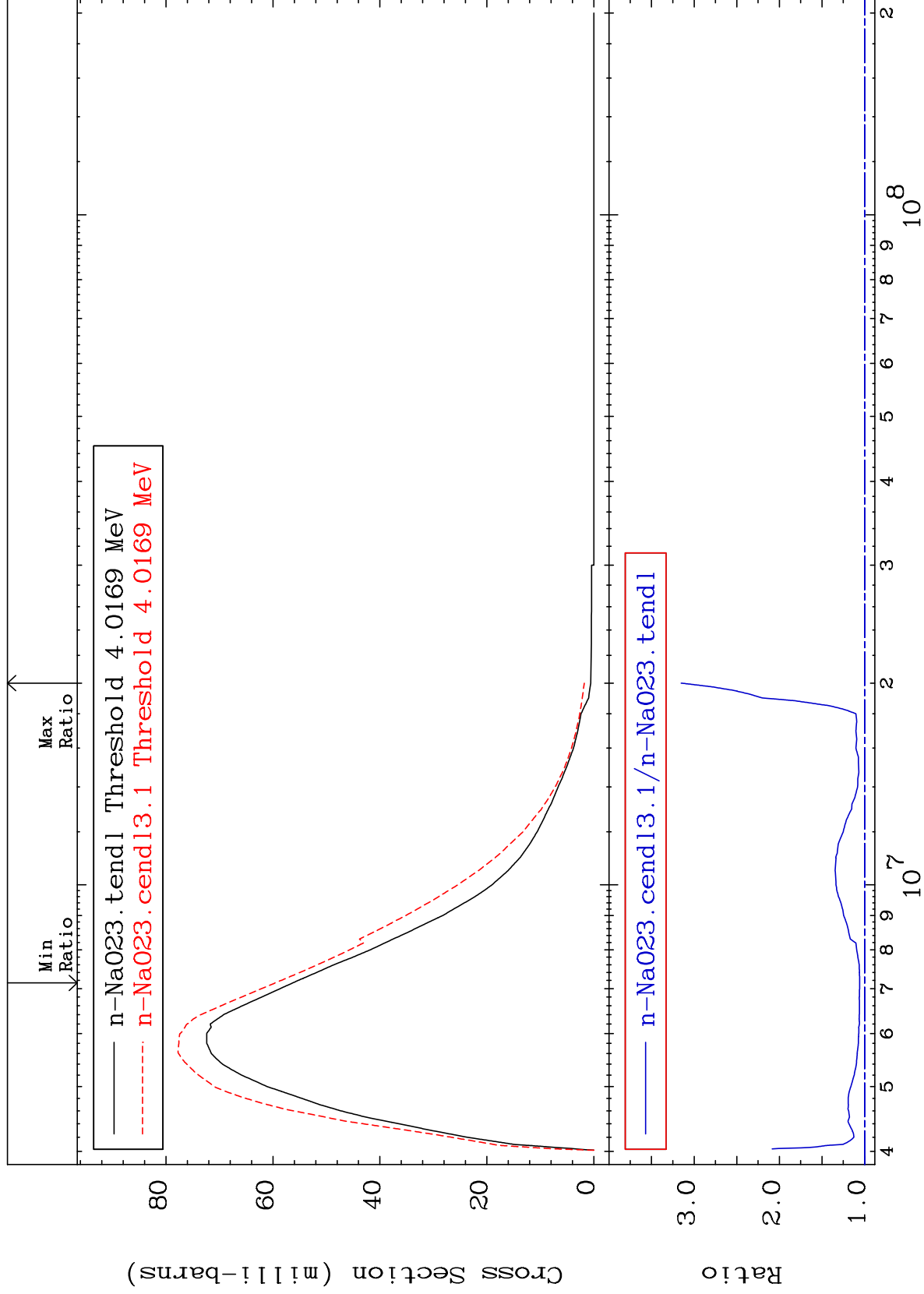
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
5.775 To 215.2 %



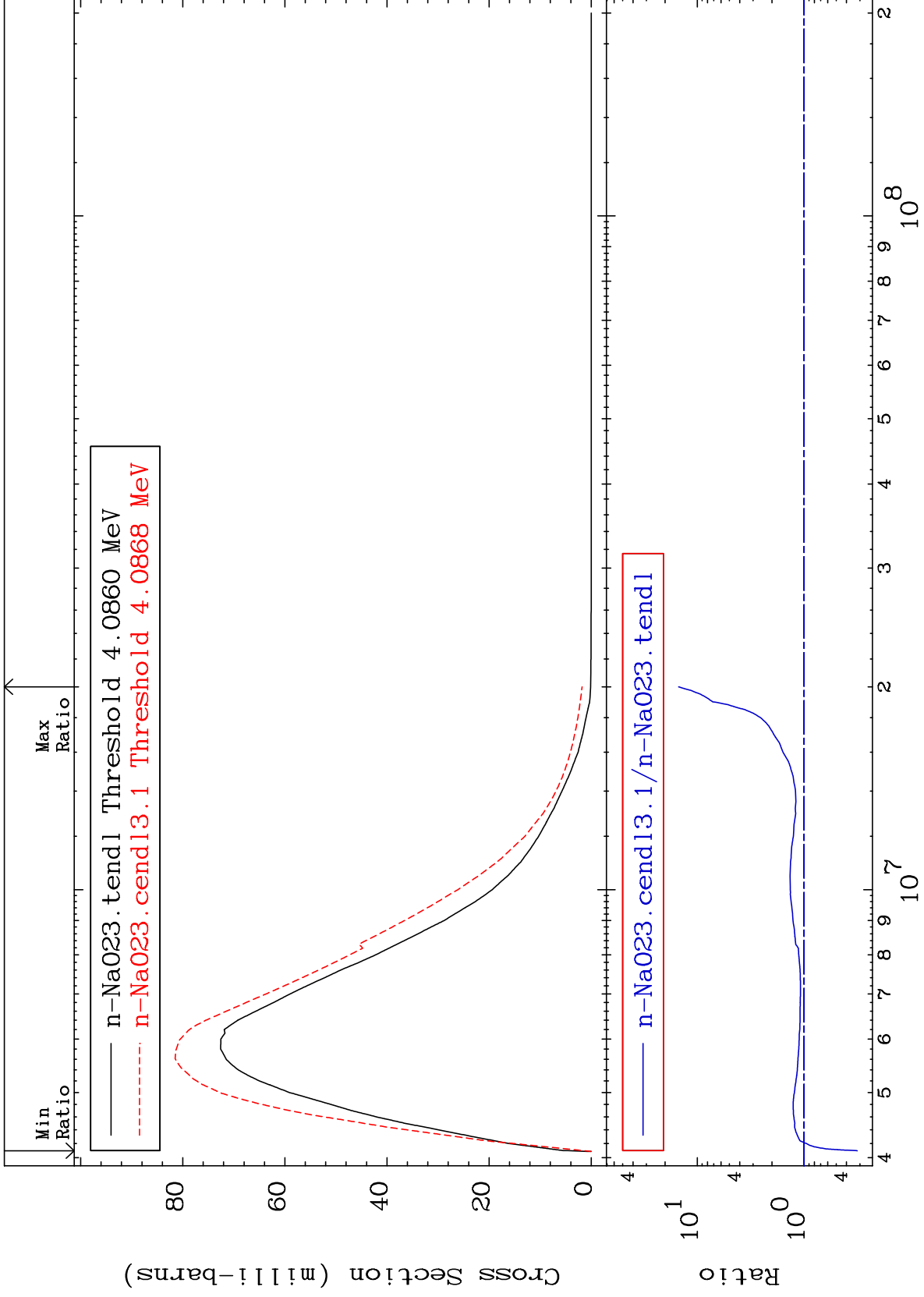
16

11-Na-23

MAT 1125

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

11-Na-23
-68.27 To 1393. %



17

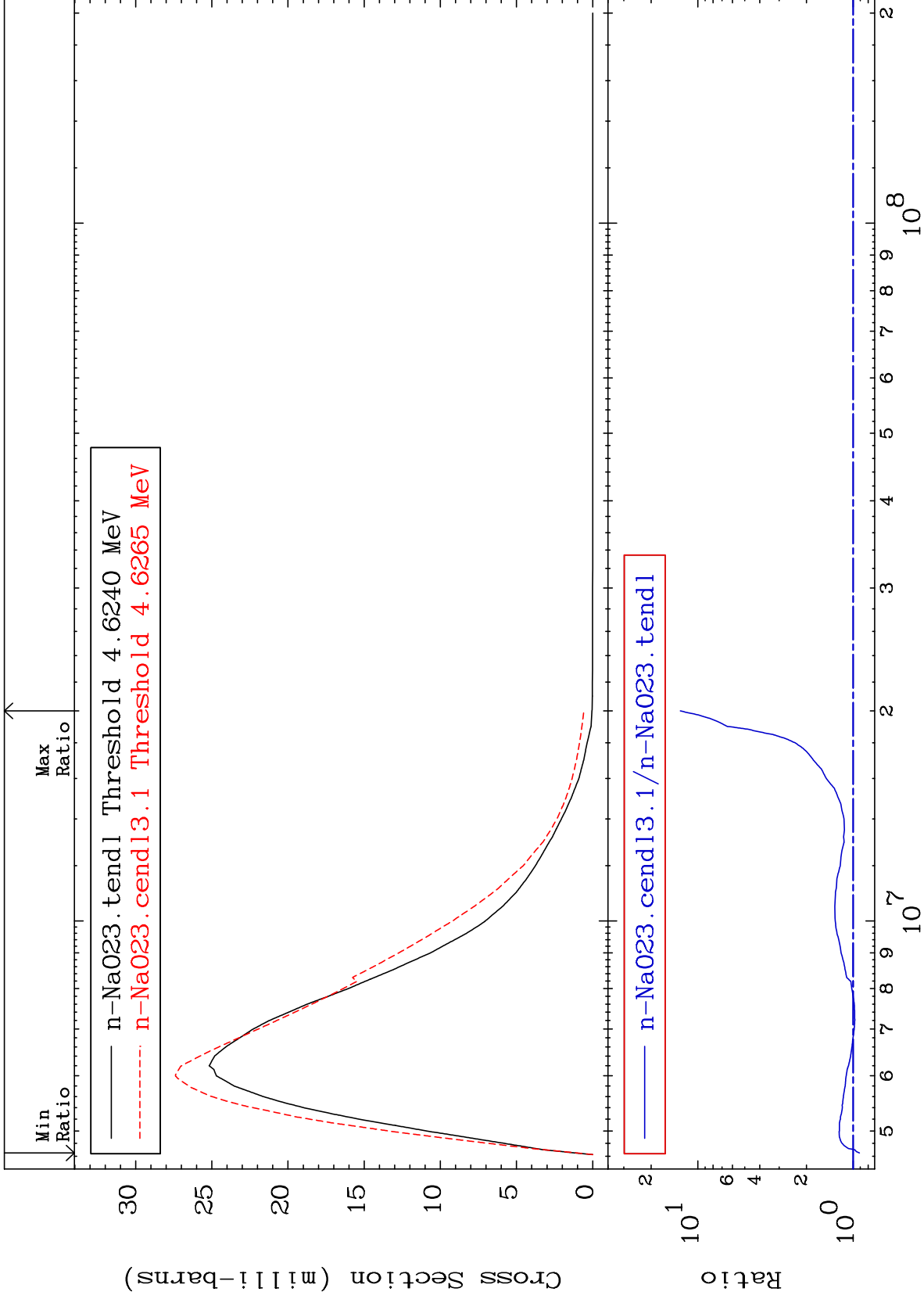
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
-8.836 To 1198. %



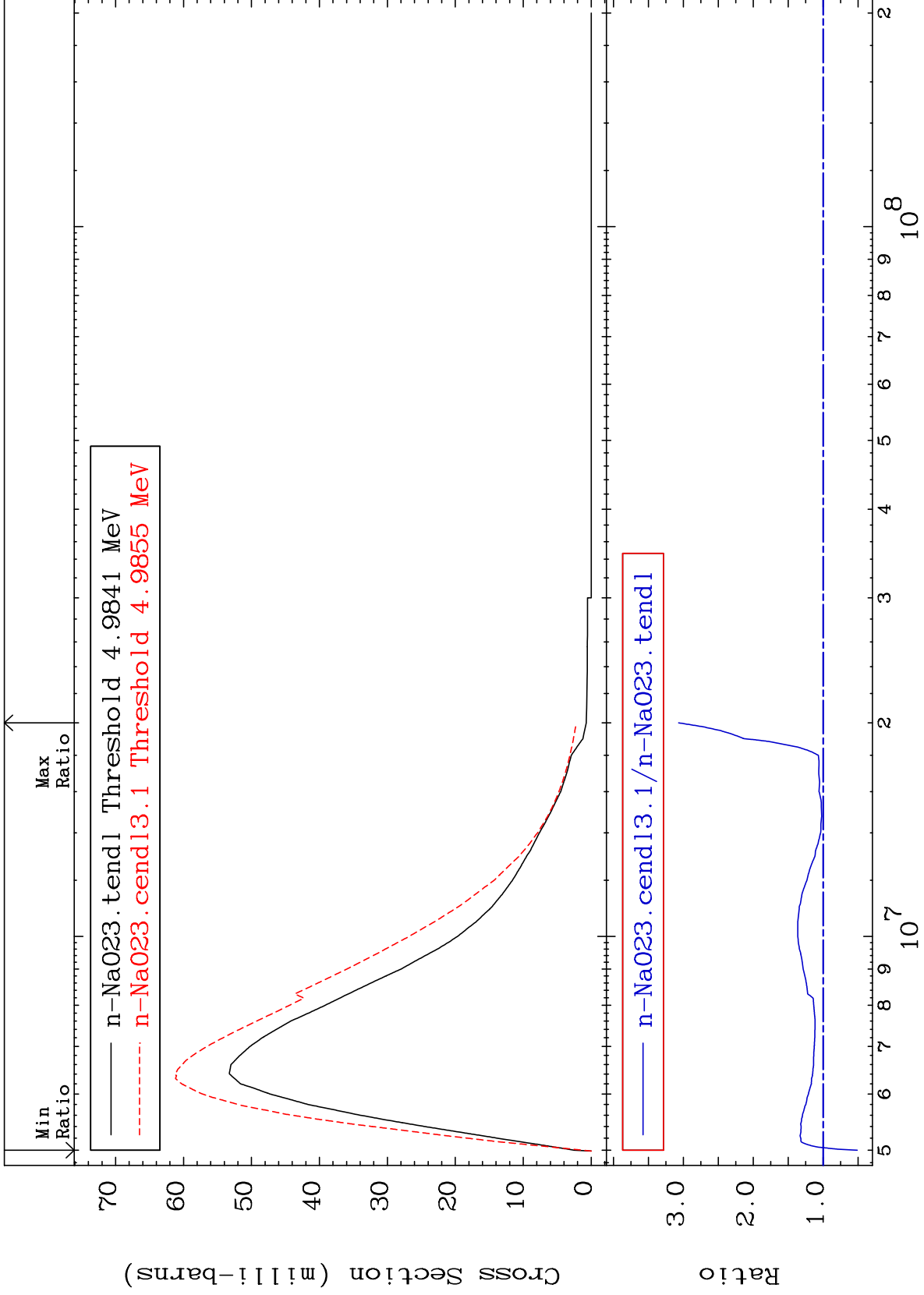
18

11-Na-23

MAT 1125

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

11-Na-23
-48.91 To 206.8 %



19

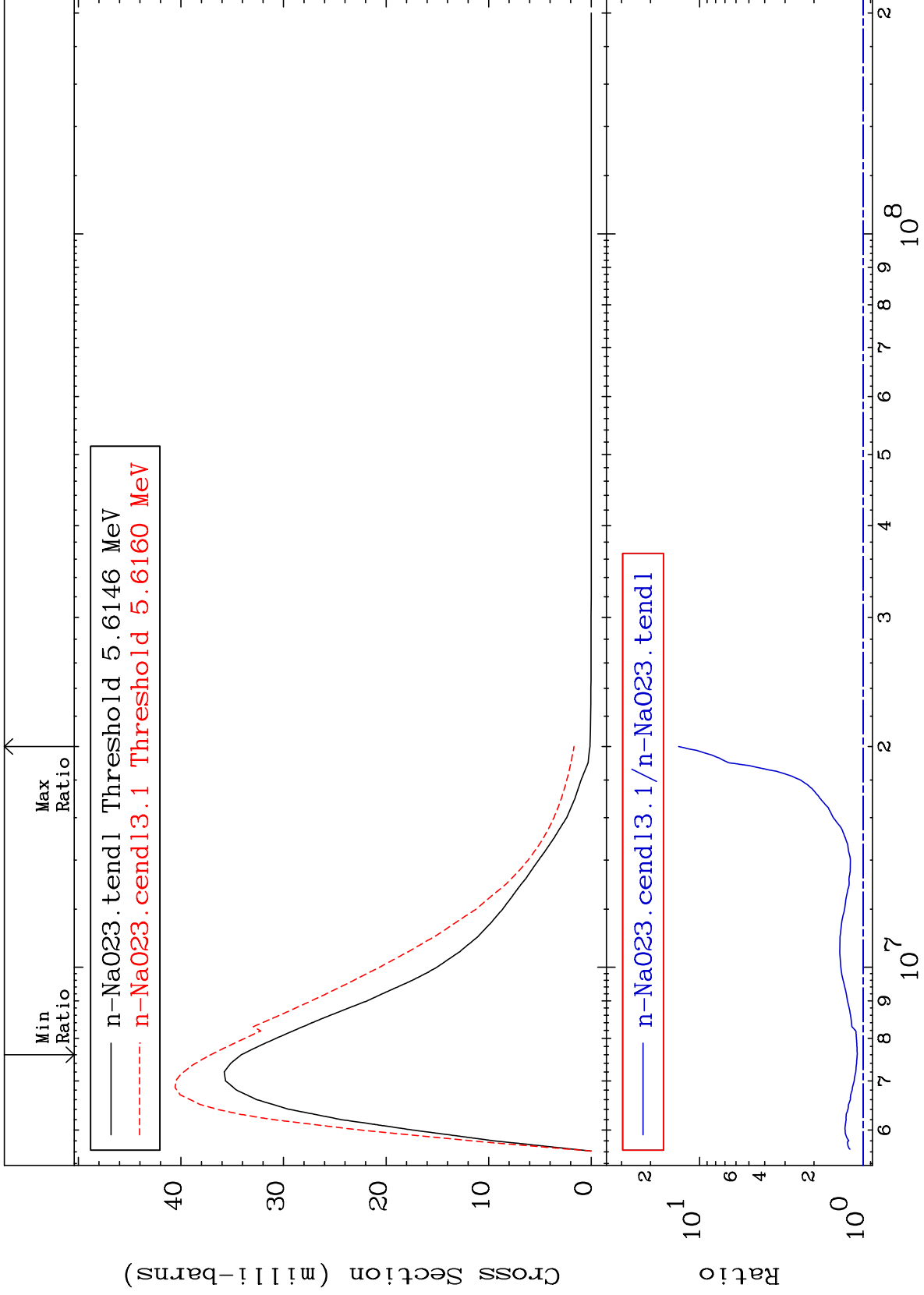
Incident Energy (eV)

11-Na-23

MAT 1125

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

11-Na-23
8.695 To 1245. %



20

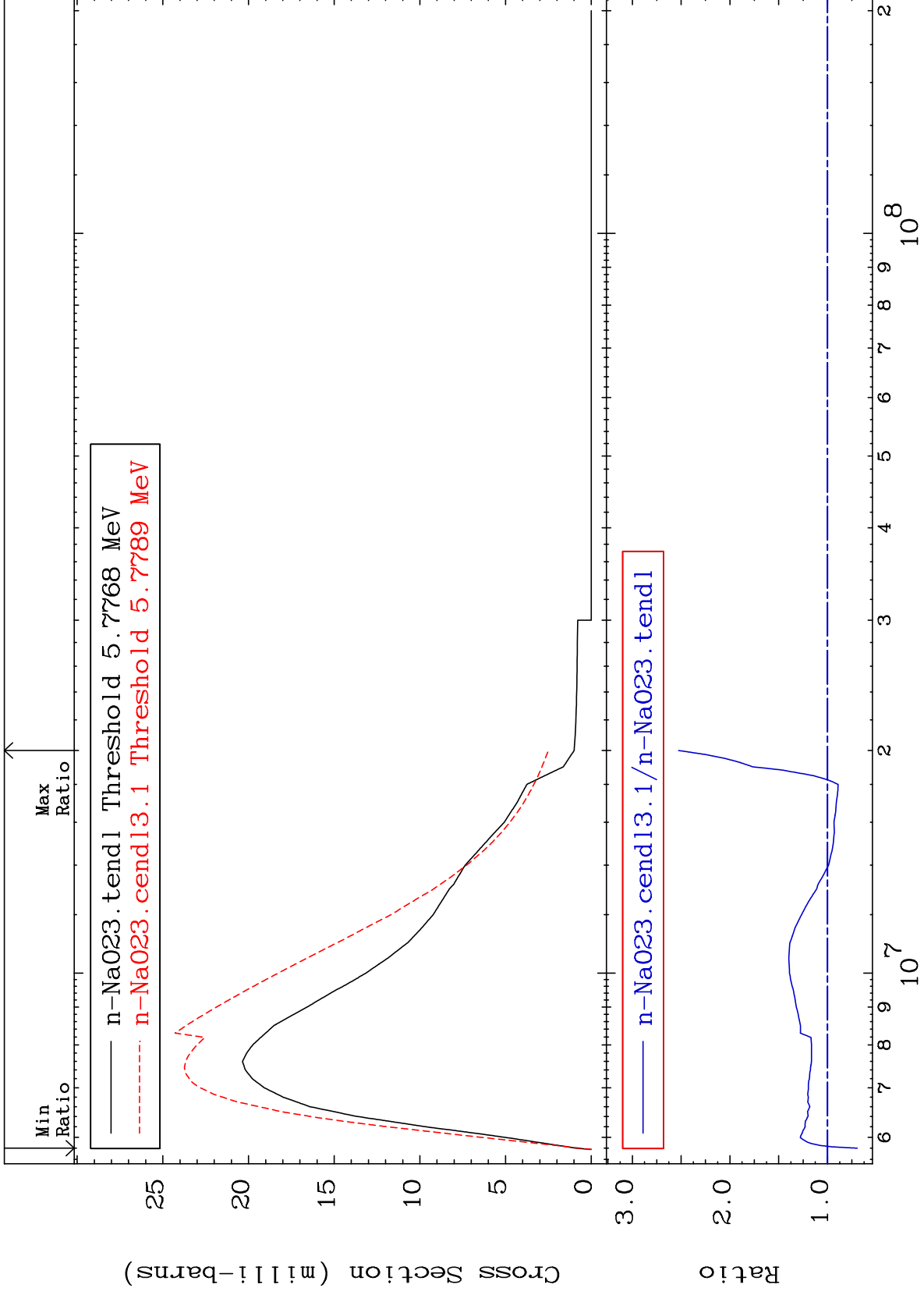
11-Na-23

11-Na-23

MAT 1125

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

11-Na-23
-30.48 To 152.5 %



21

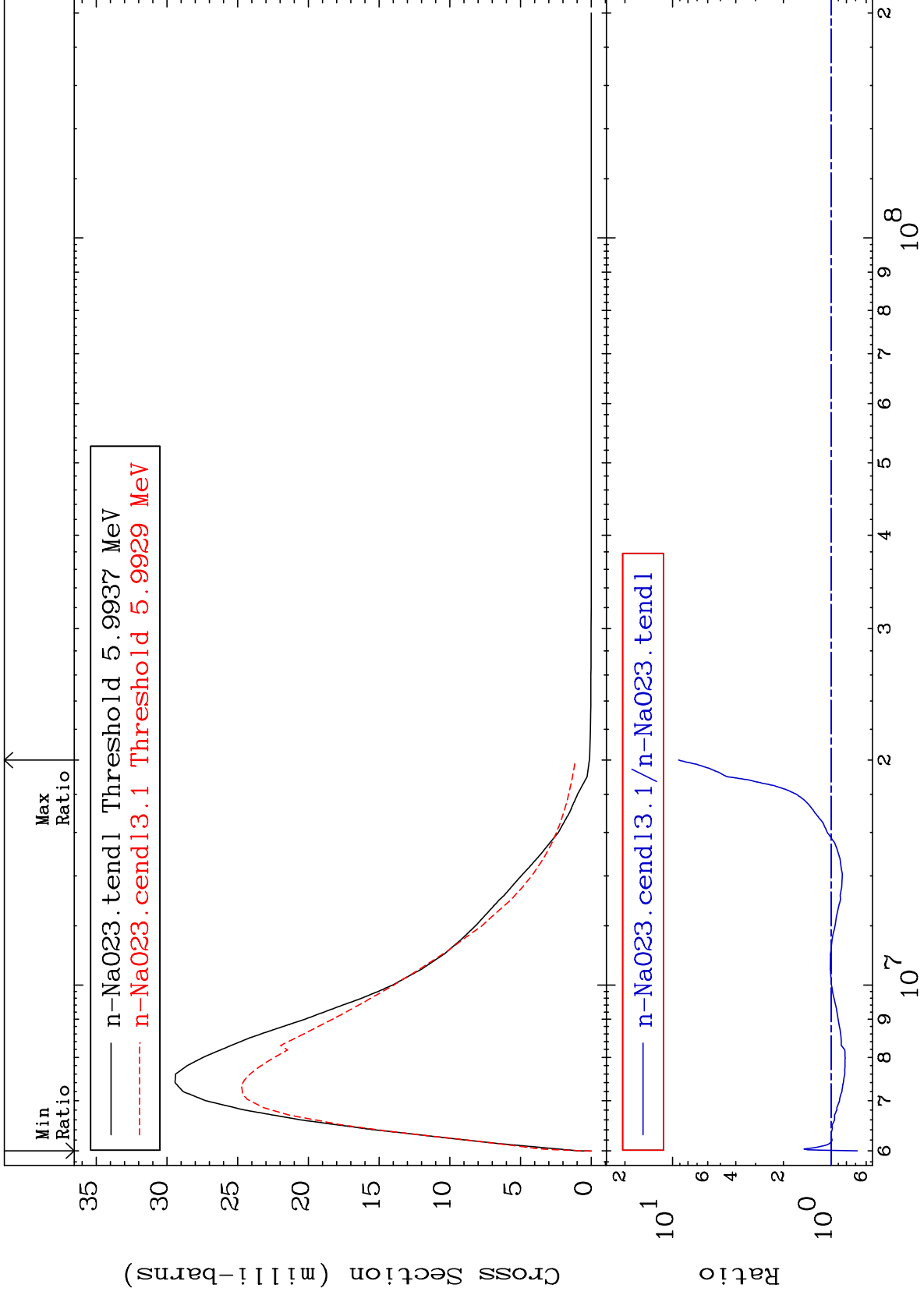
Incident Energy (eV)

11-Na-23

MAT 1125

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

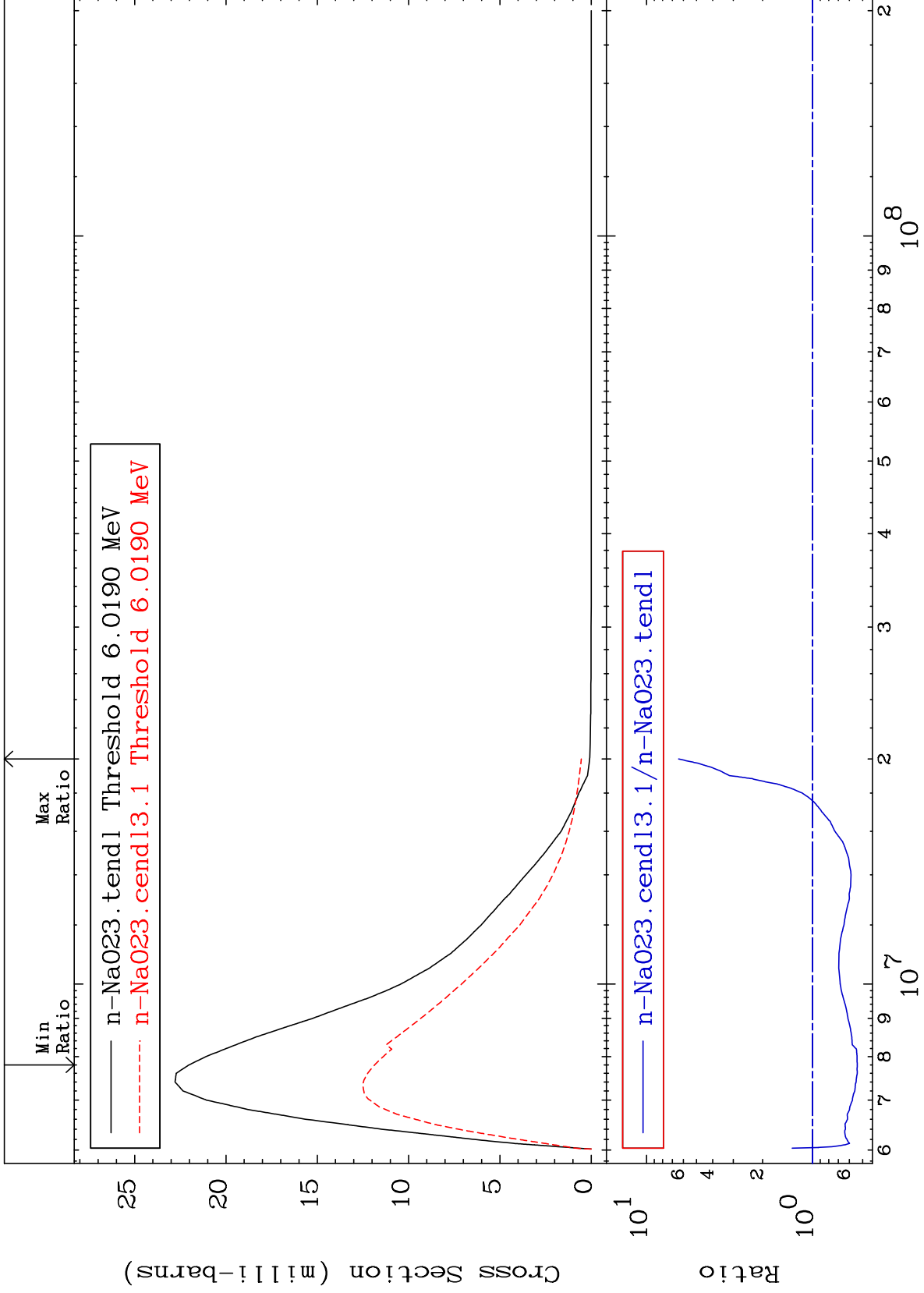
11-Na-23
-31.61 To 816.8 %



MAT 1125

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

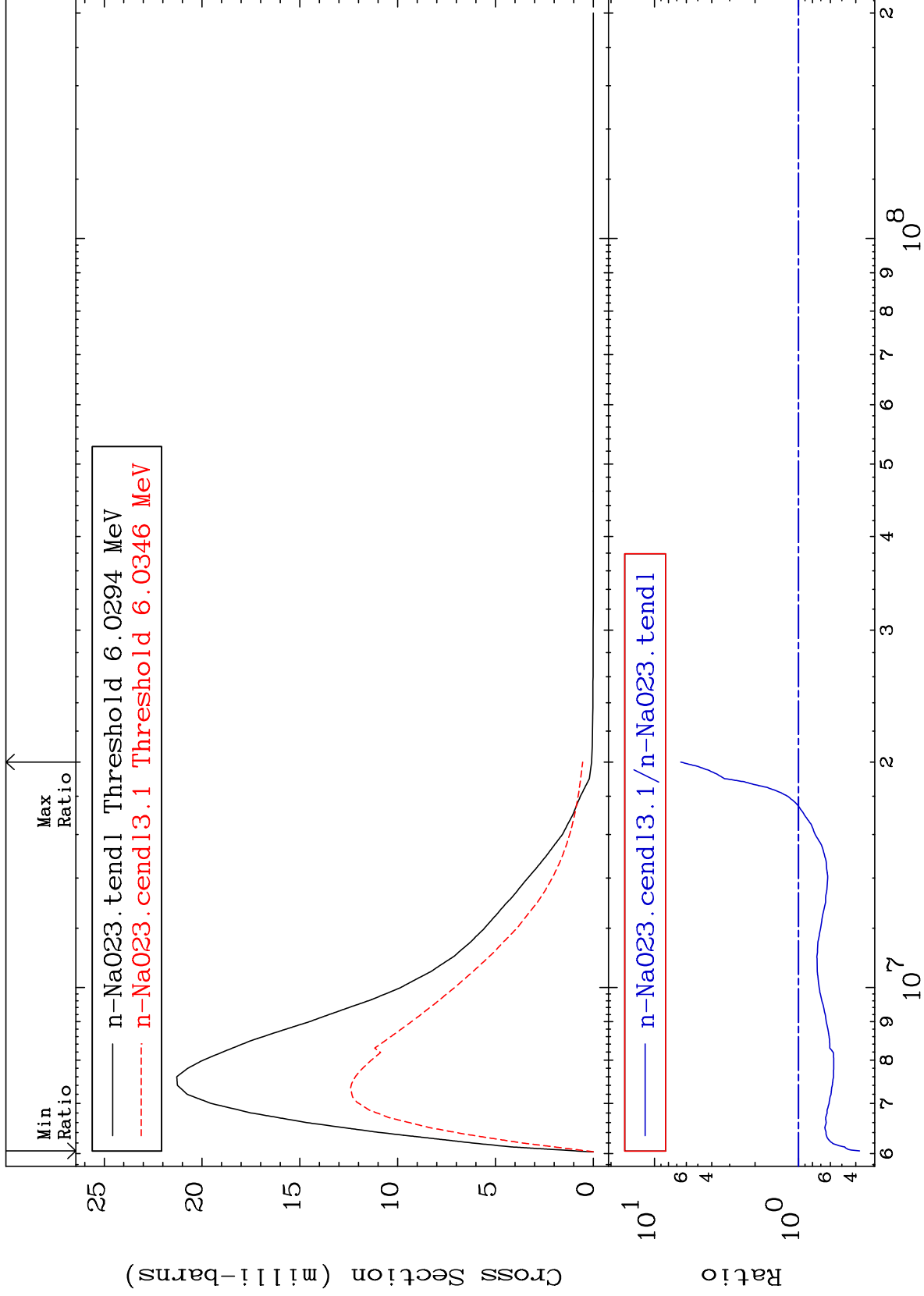
11-Na-23
-46.18 To 540.9 %



23

Incident Energy (eV)

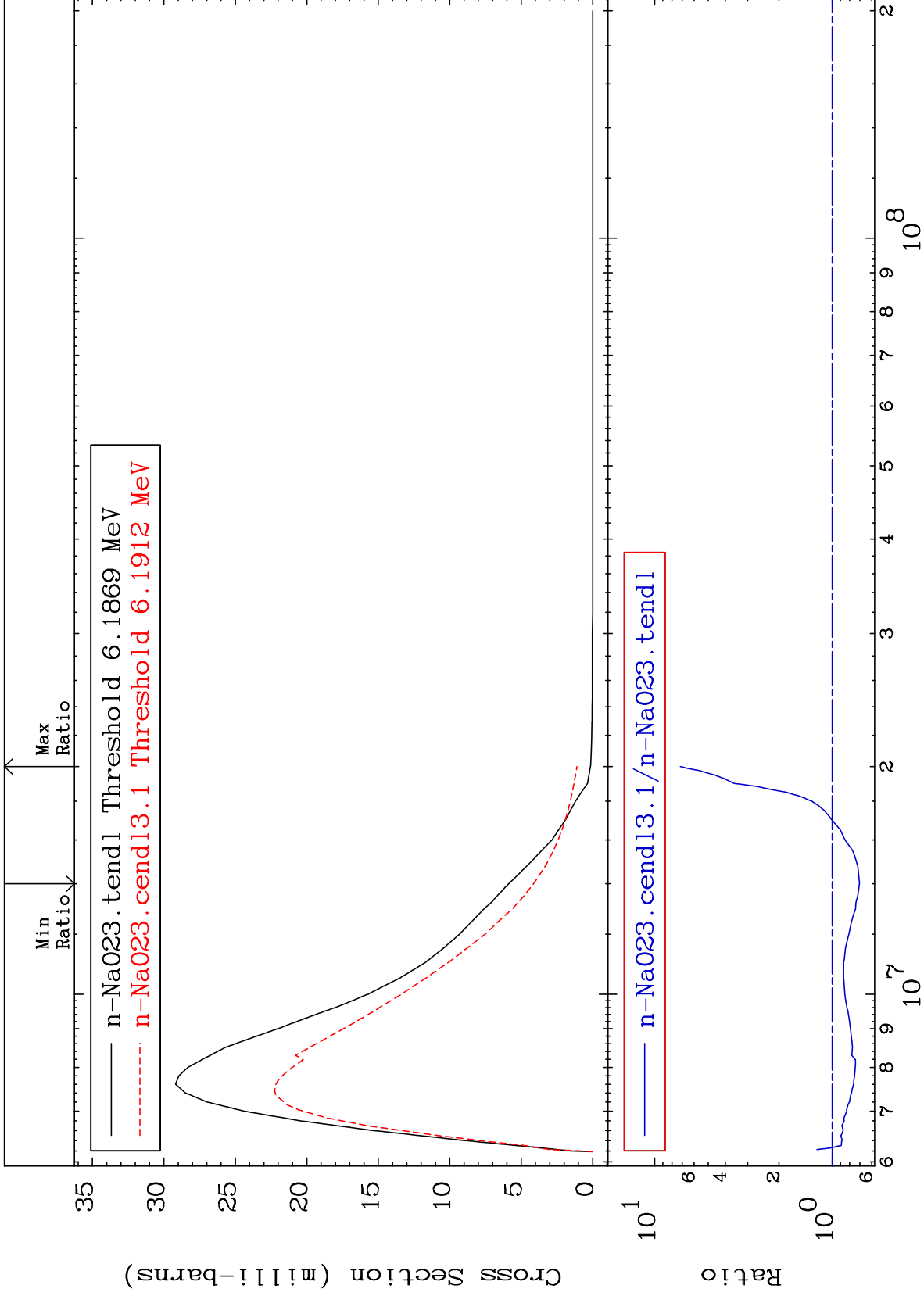
11-Na-23



MAT 1125

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

11-Na-23
-29.63 To 617.6 %



25

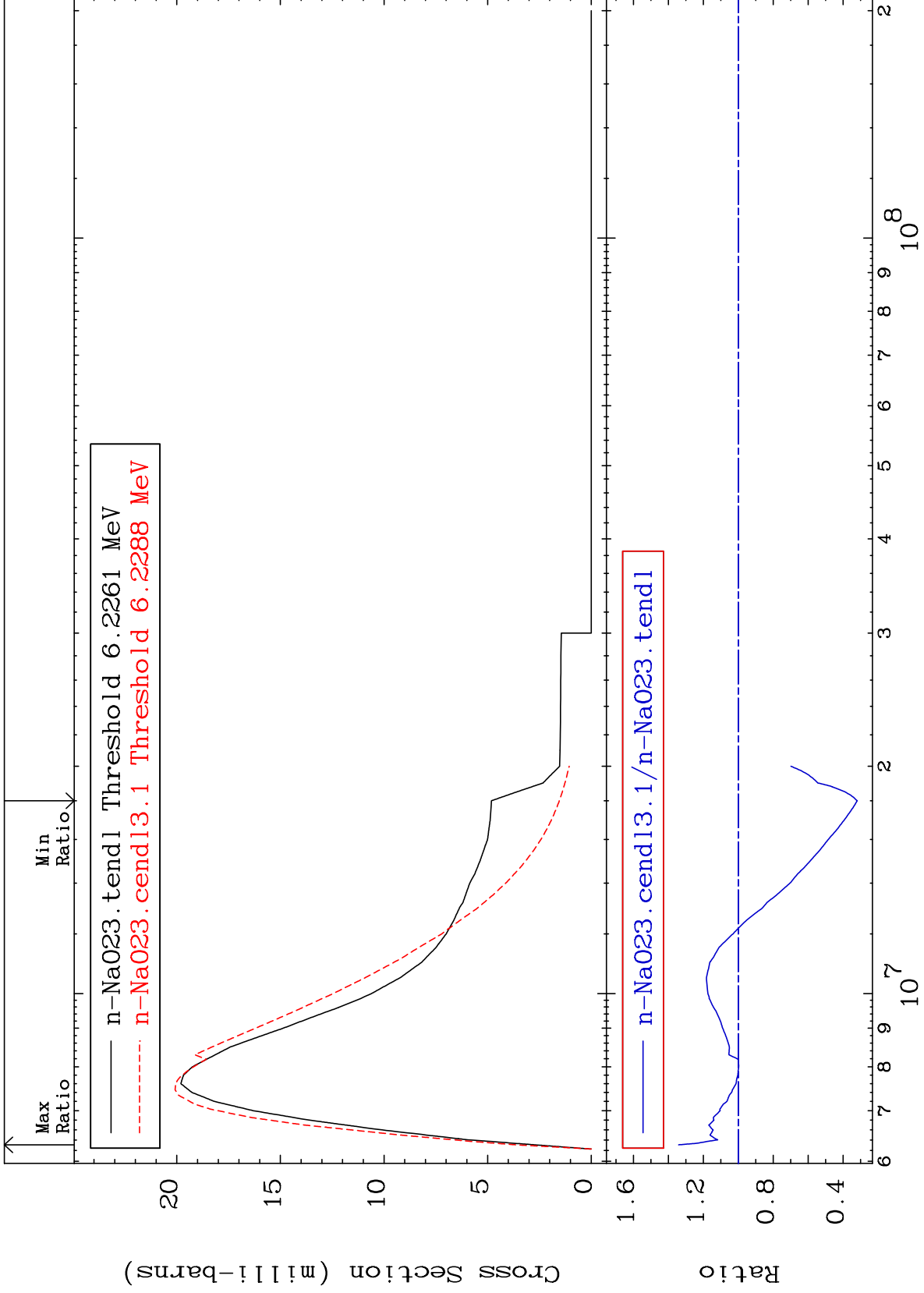
Incident Energy (eV)

11-Na-23

MAT 1125

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

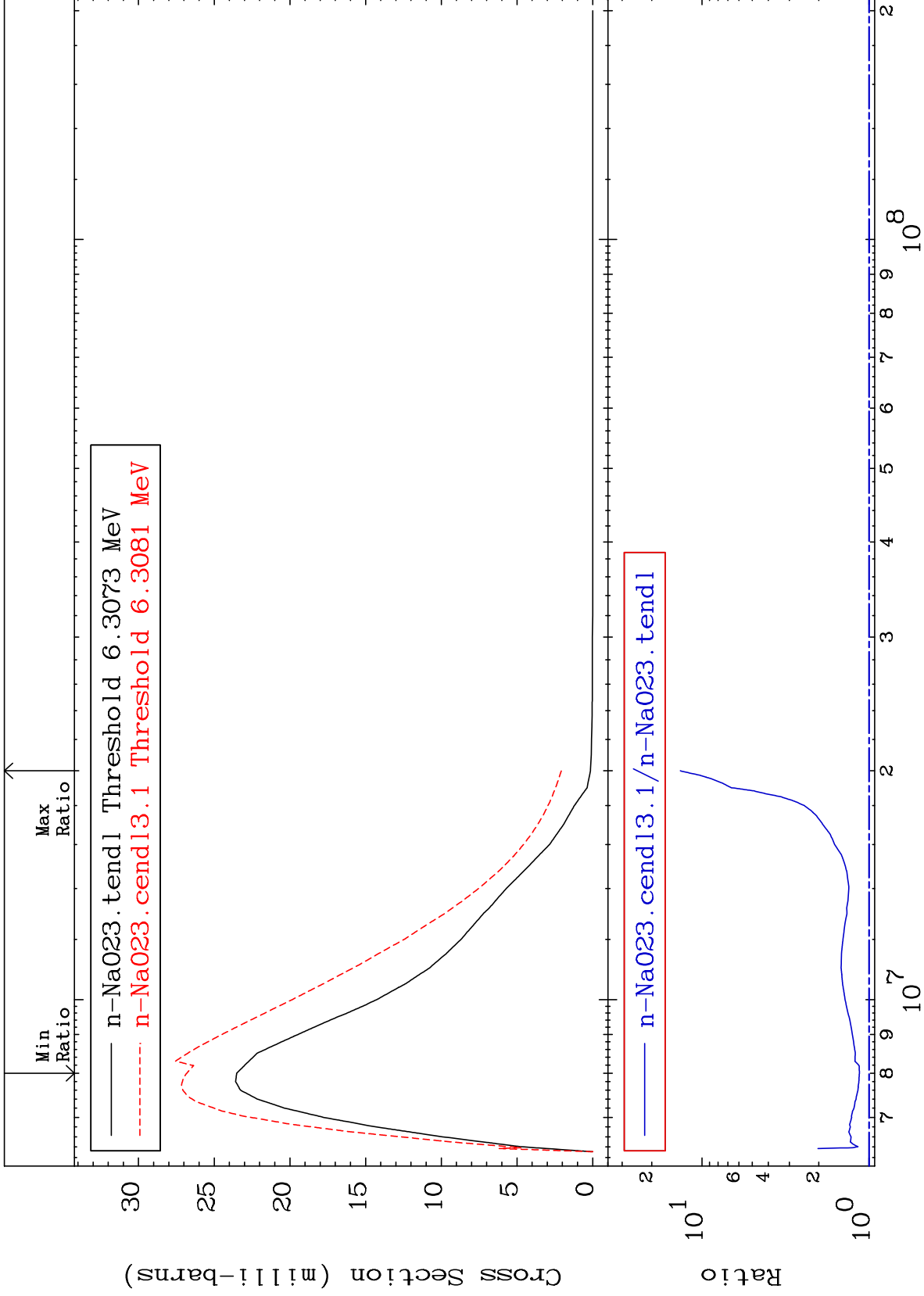
11-Na-23
-68.04 To 34.16 %



MAT 1125

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

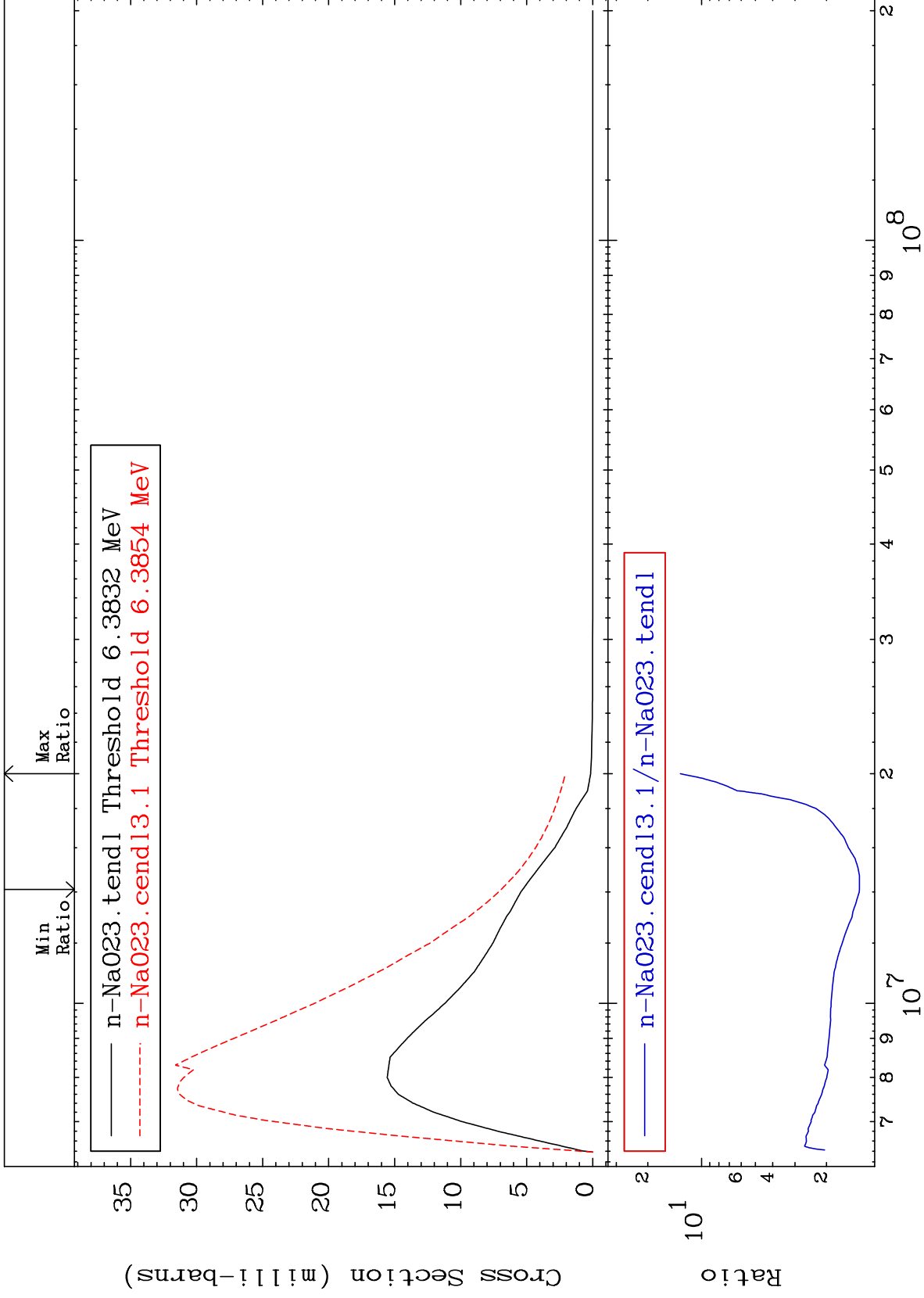
11-Na-23
14.05 To 1246. %

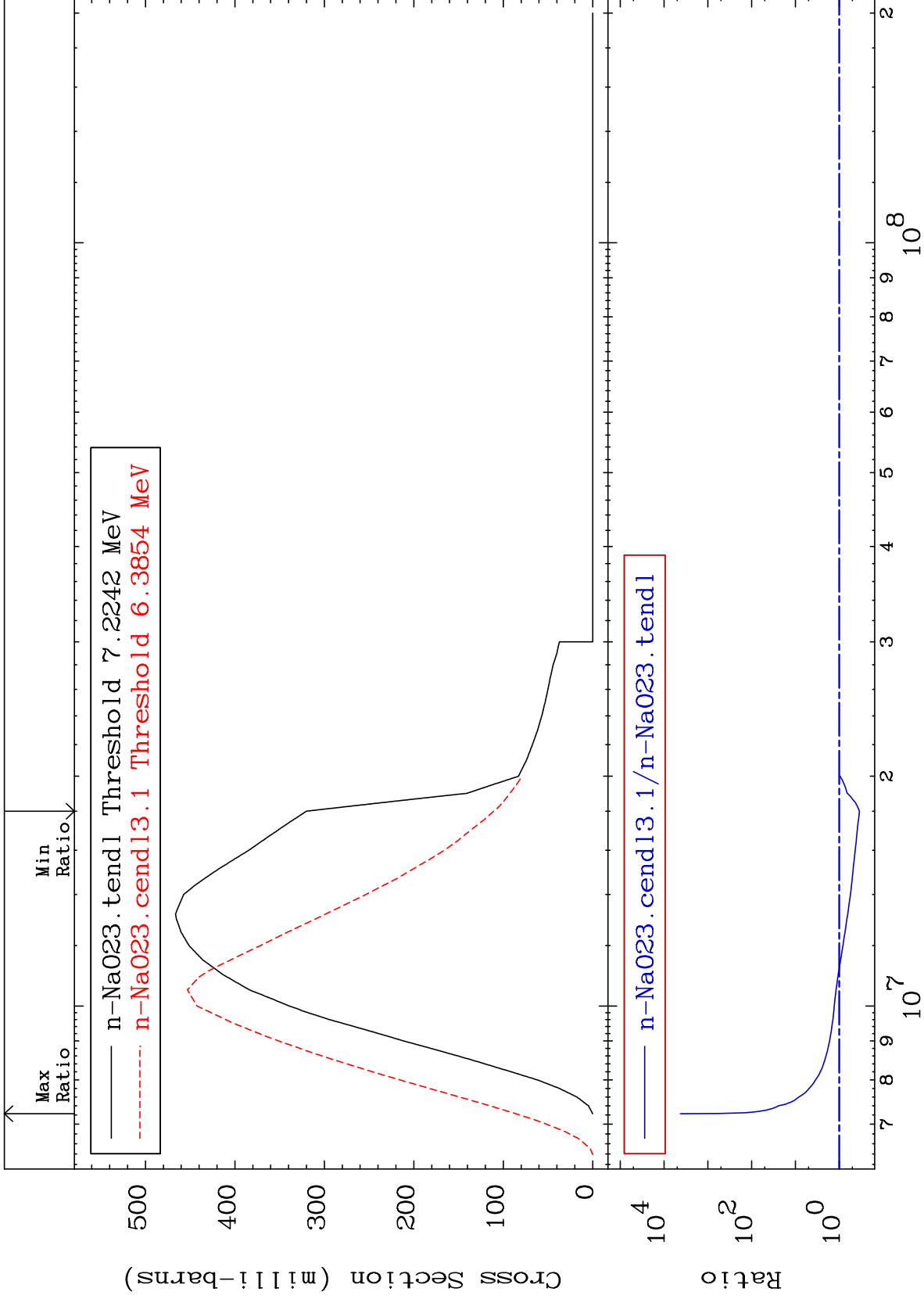


MAT 1125

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

11-Na-23
30.59 To 1215. %



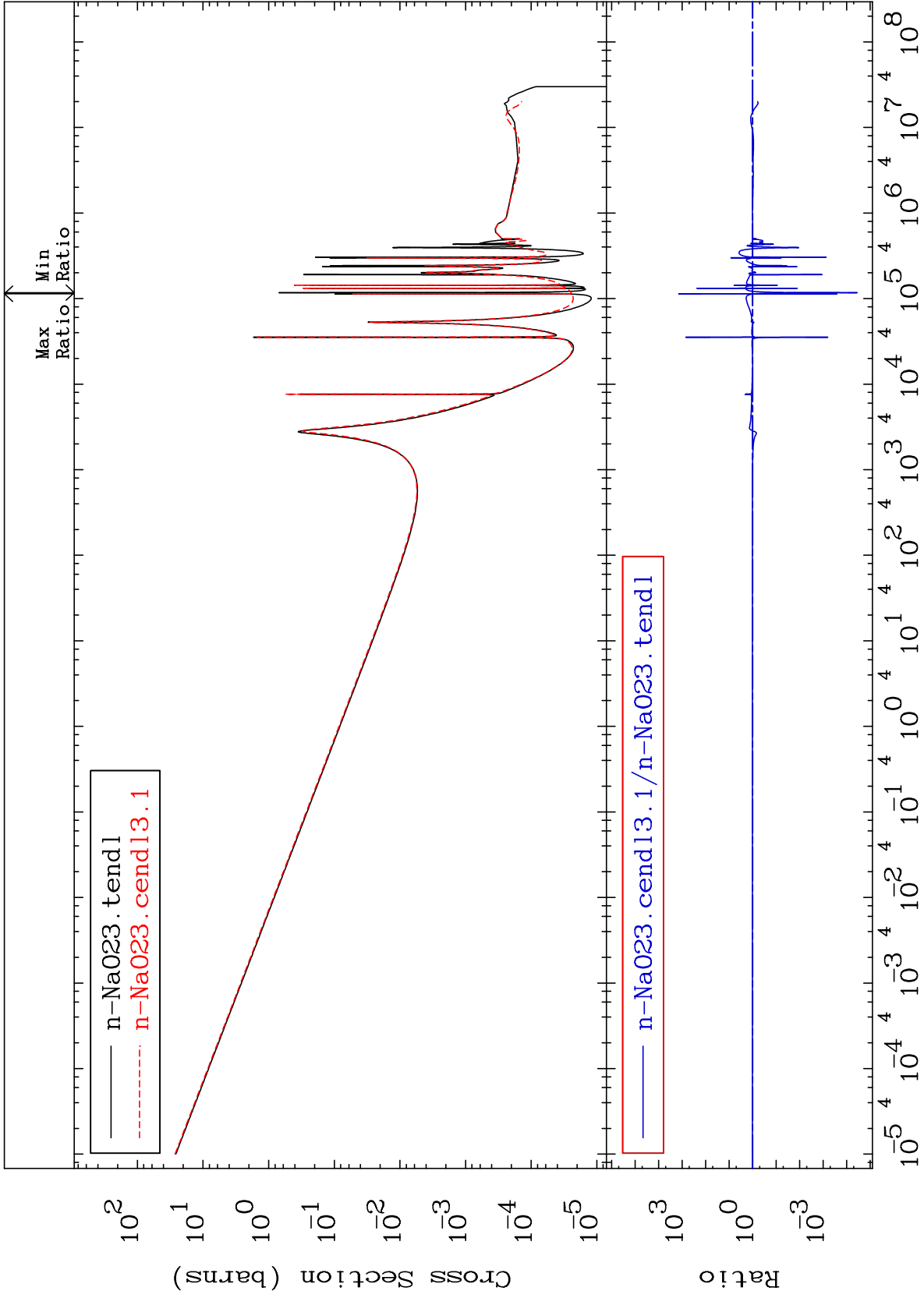


MAT 1125

(n, γ)
Cross Section

11-Na-23

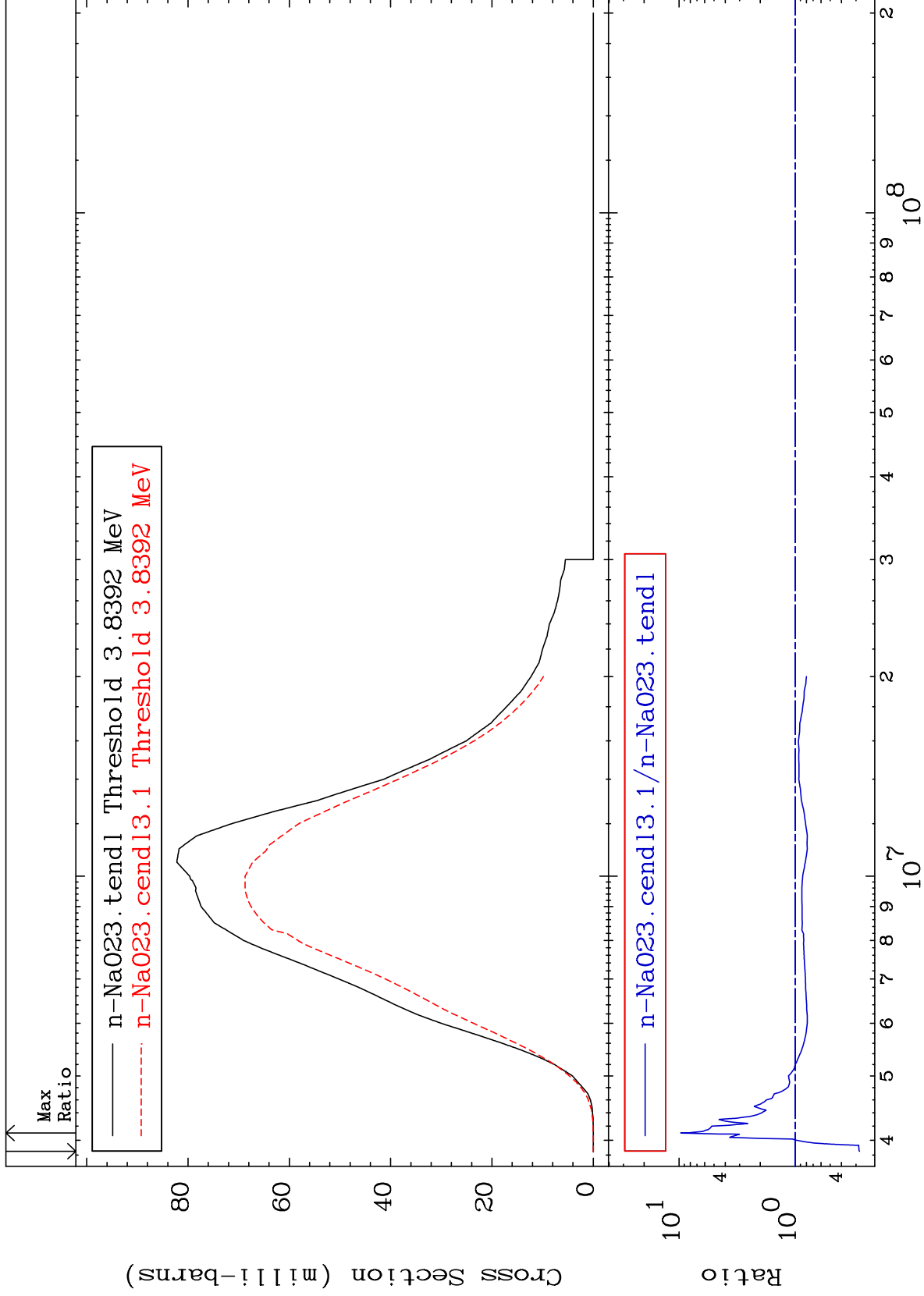
-100.0 To 9999. %



MAT 1125

(n,p)
Cross Section

11-Na-23
-72.06 To 865.1 %



31

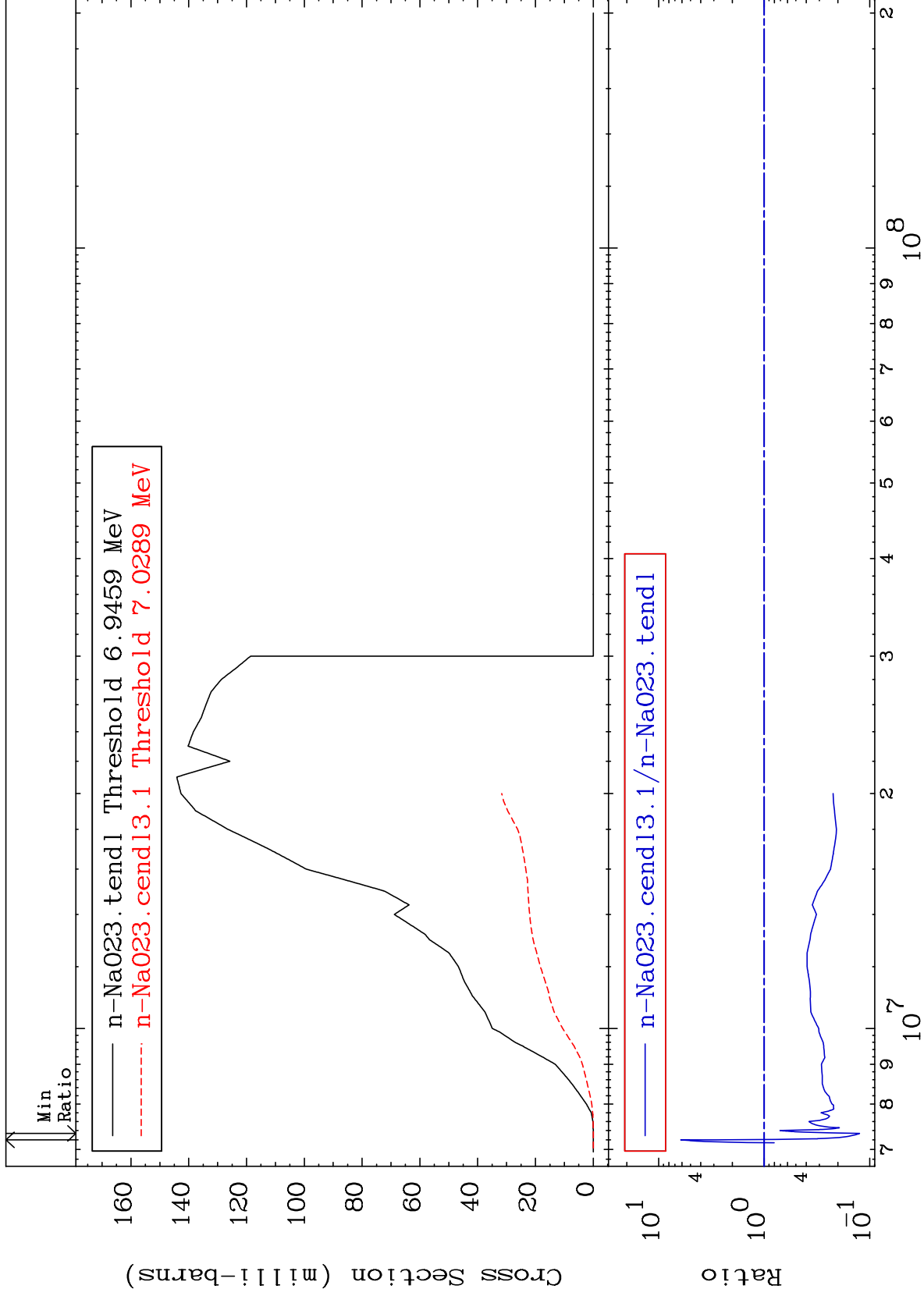
Incident Energy (eV)

11-Na-23

MAT 1125

(n, d)
Cross Section

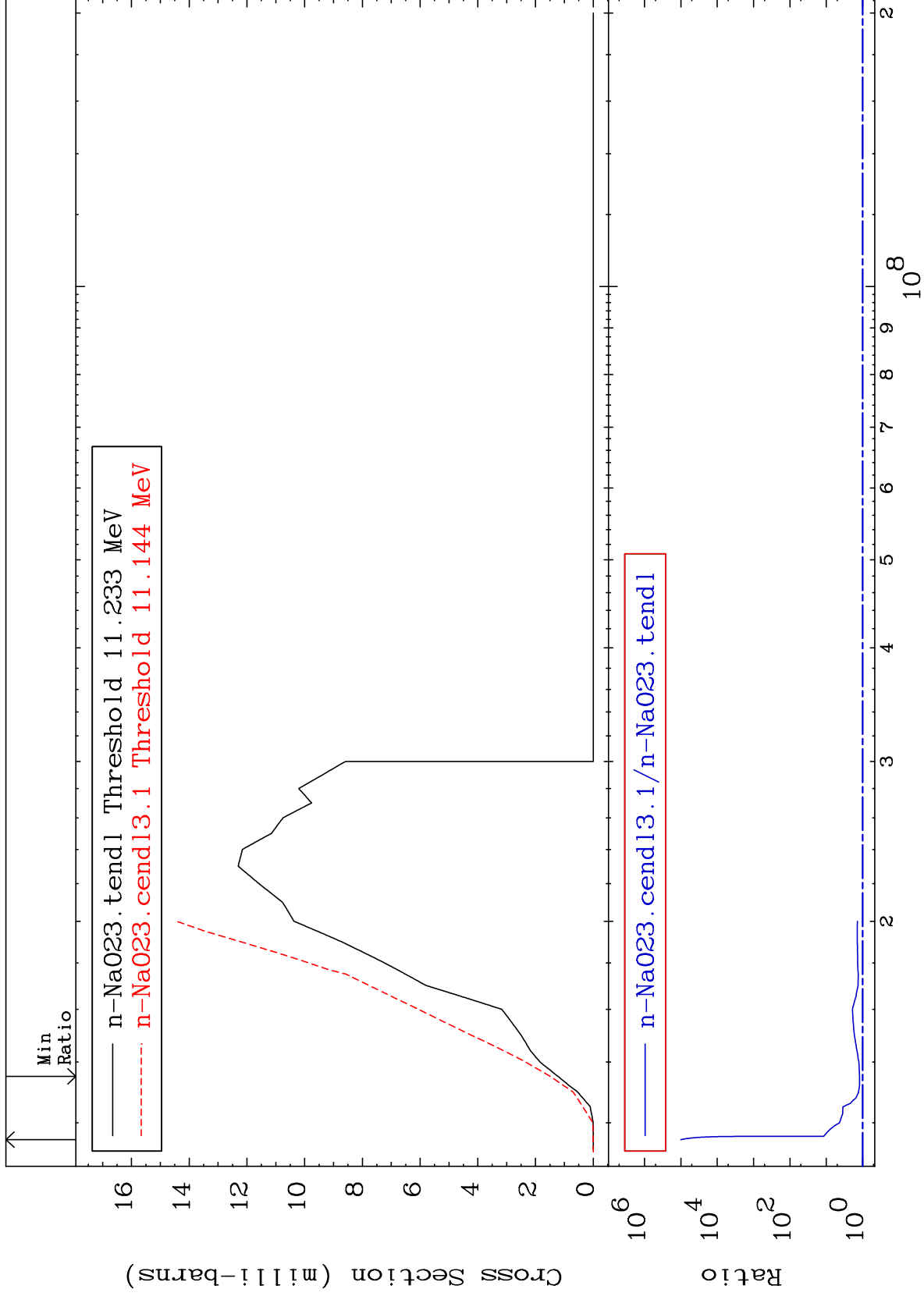
11-Na-23
-87.53 To 517.2 %



MAT 1125

(n, t)
Cross Section

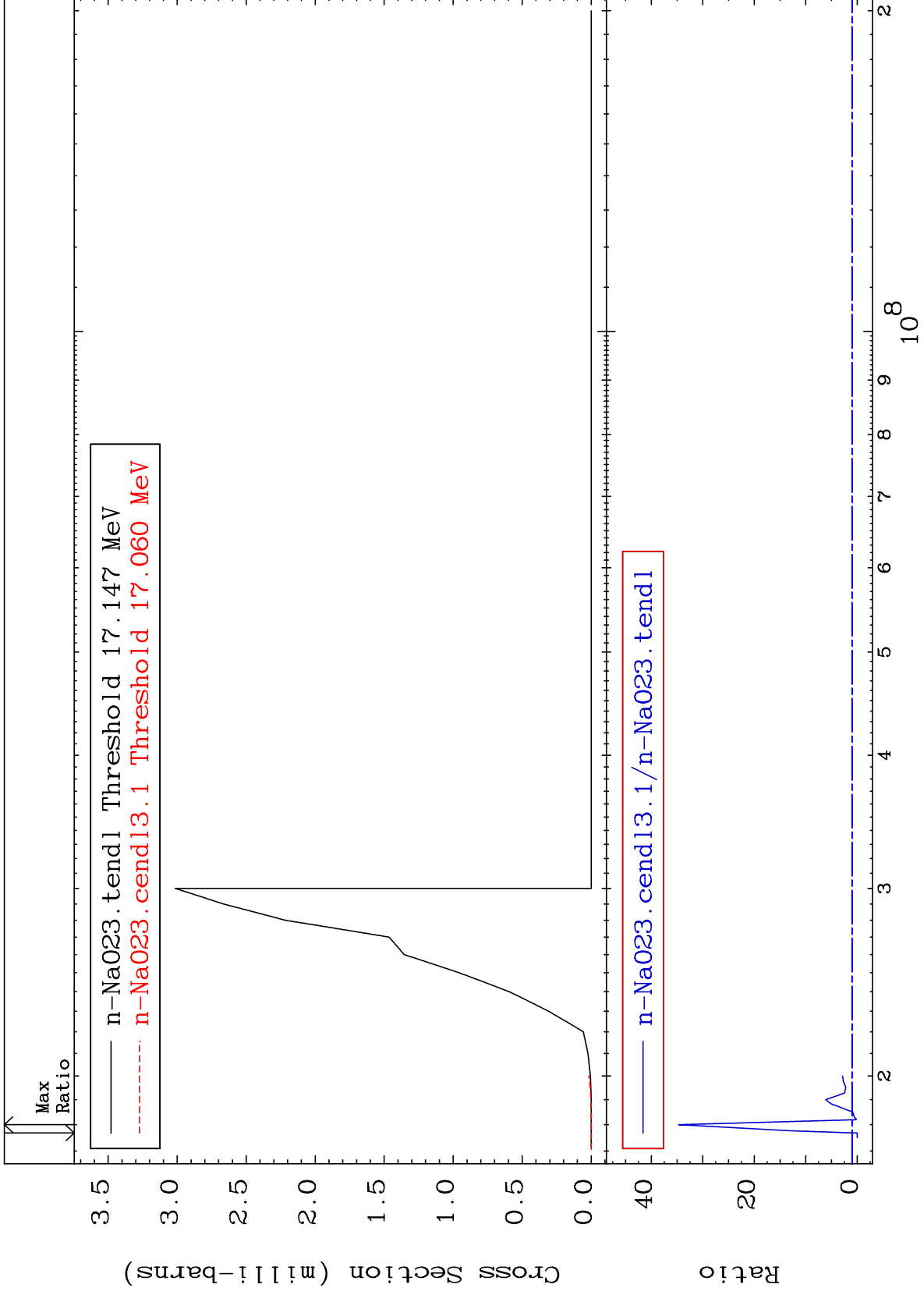
11-Na-23
21.72 To 9999. %



MAT 1125

(n, He-3)
Cross Section

11-Na-23
-100.0 To 3369. %



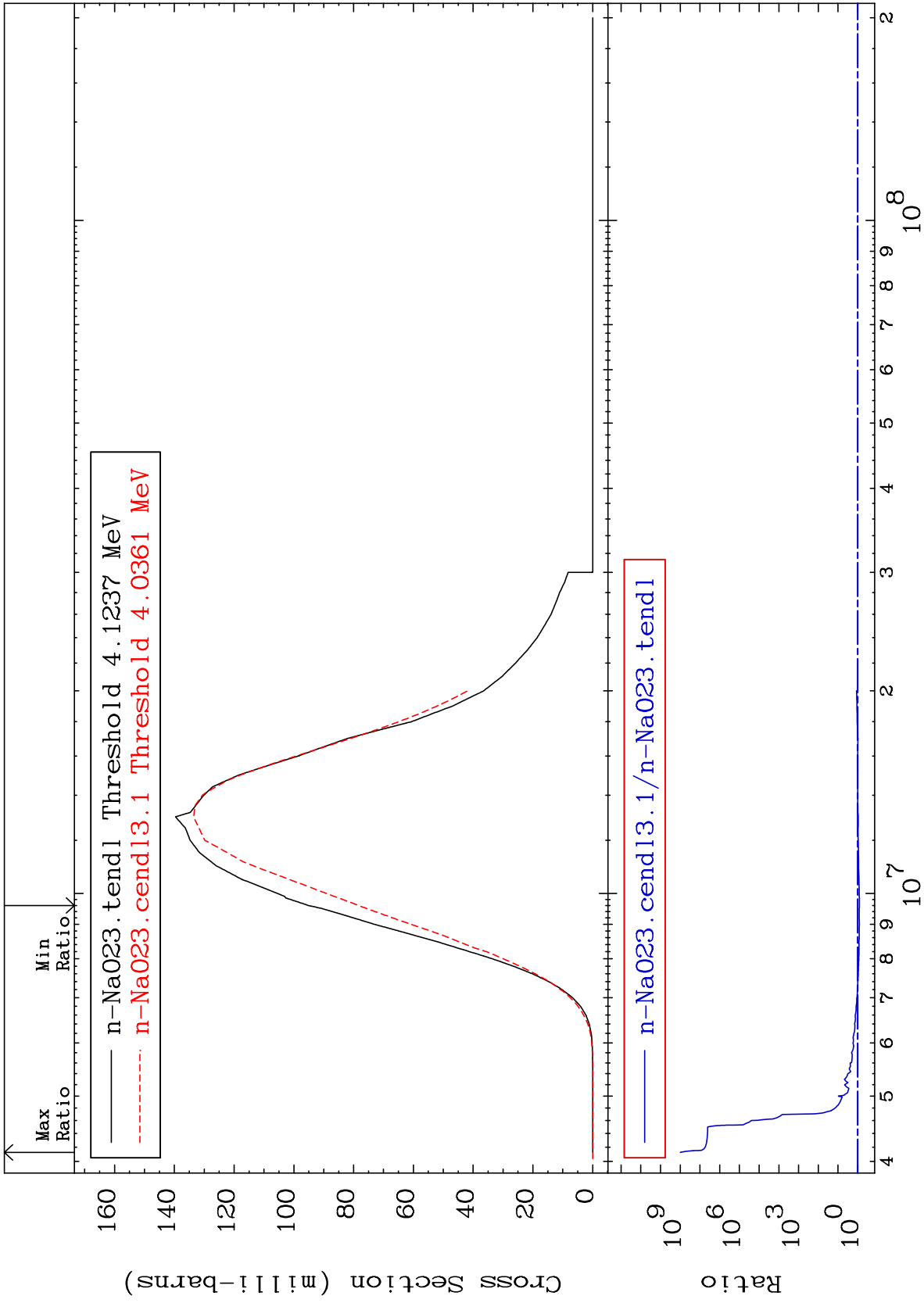
MAT 1125

(n, α)

11-Na-23

Cross Section

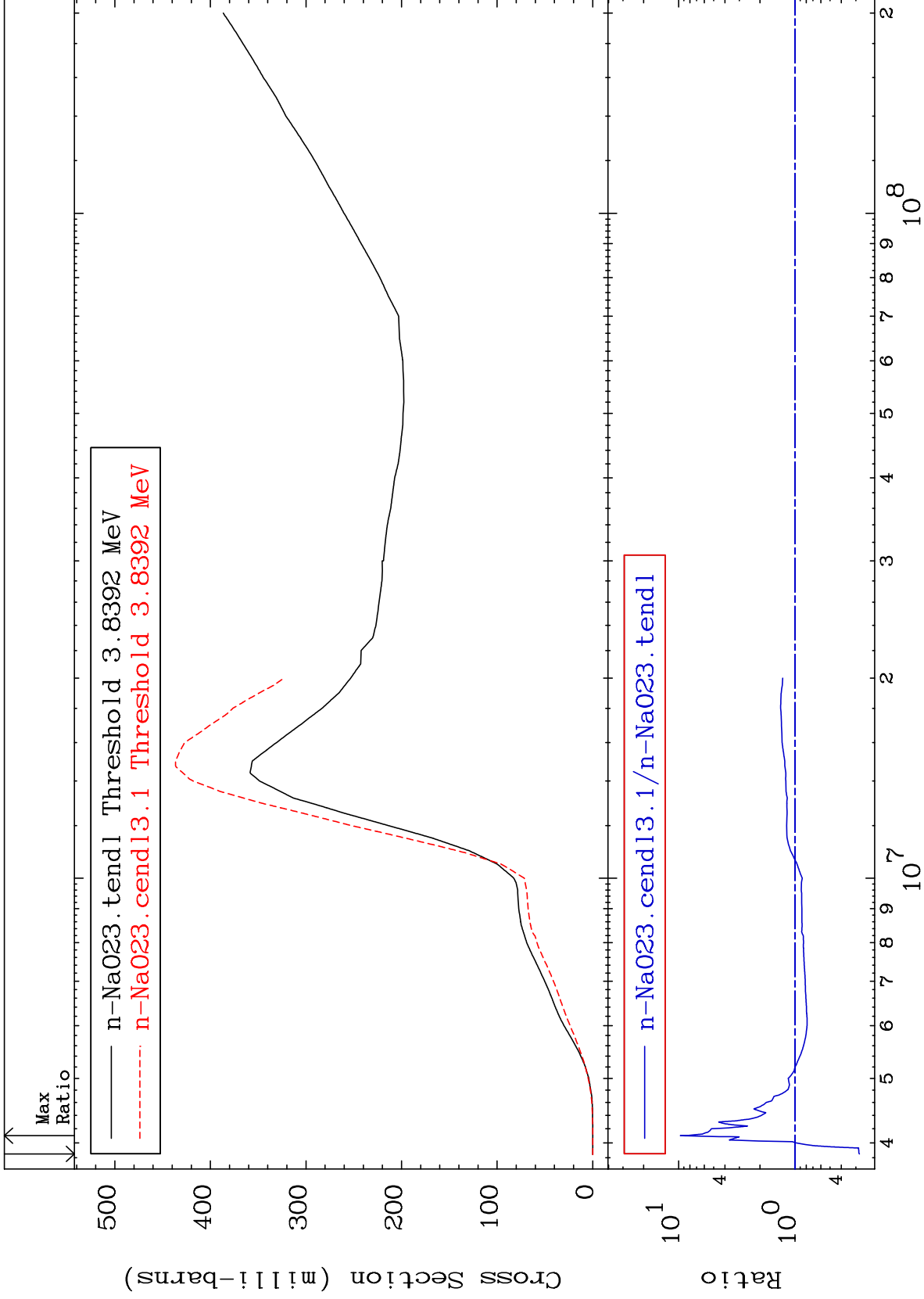
-17.64 To 9999. %

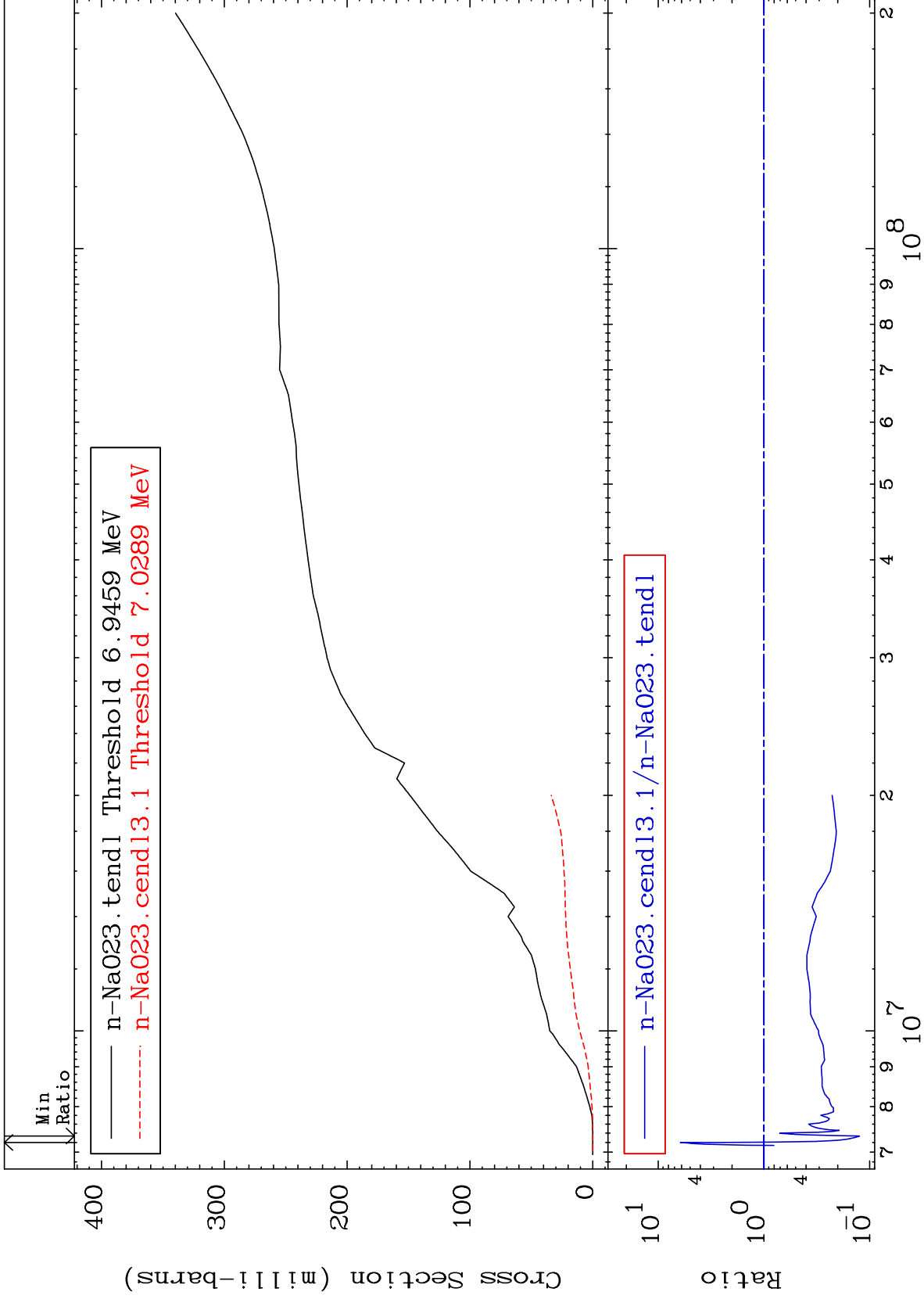


35

Incident Energy (eV)

11-Na-23

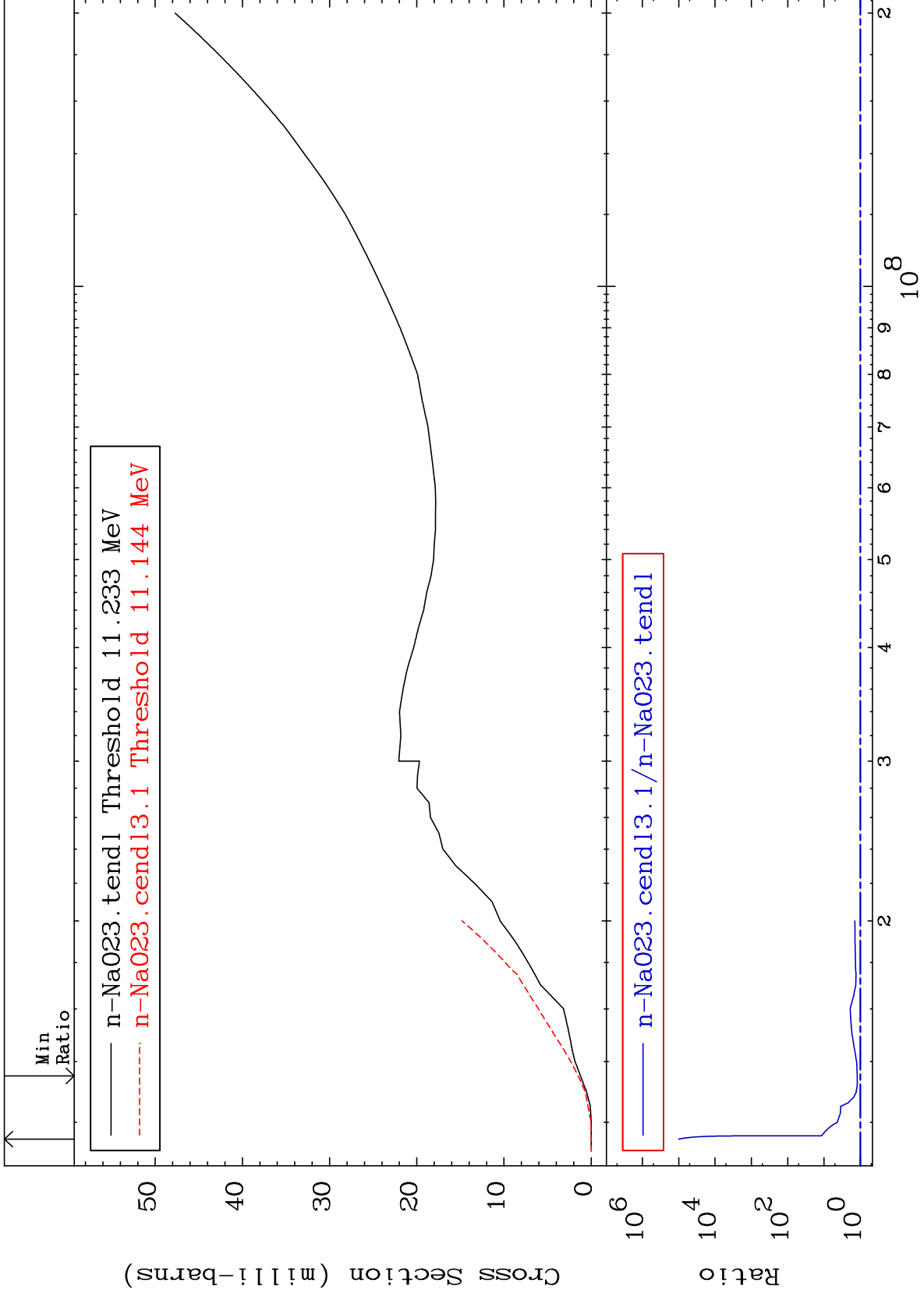


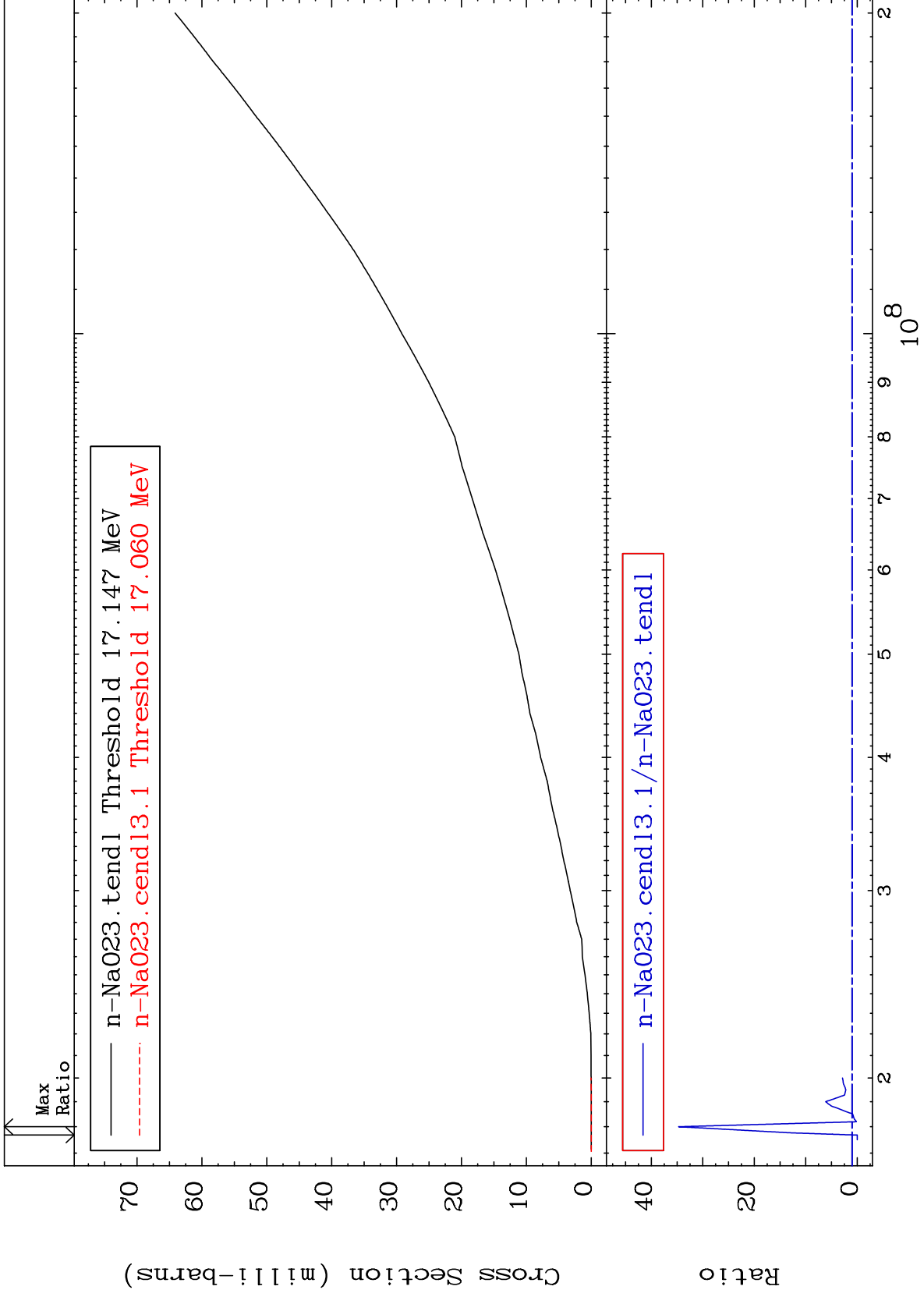


MAT 1125

Tritium Production
Cross Section

11-Na-23
21.72 To 9999. %

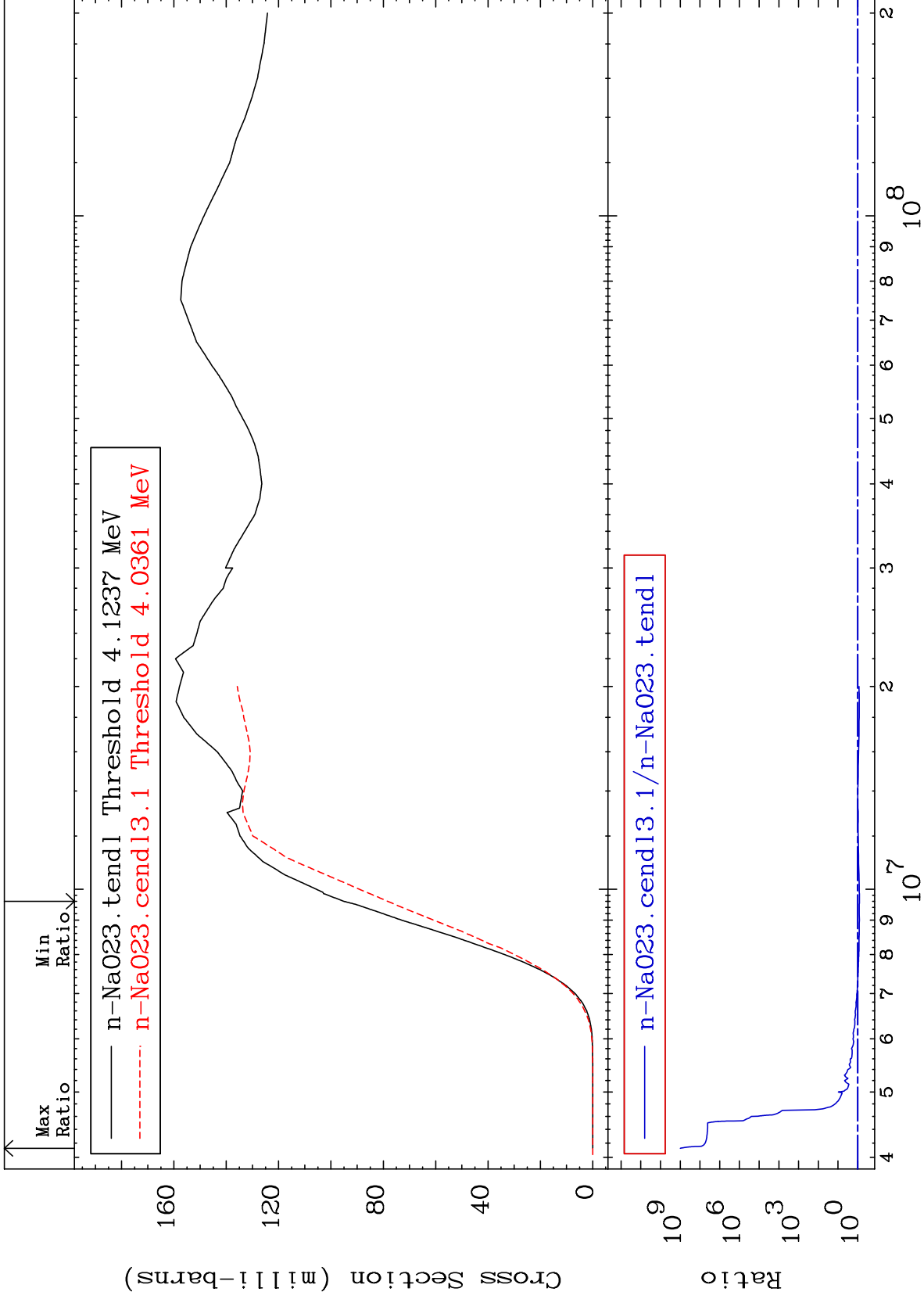




MAT 1125

He-4 Production
Cross Section

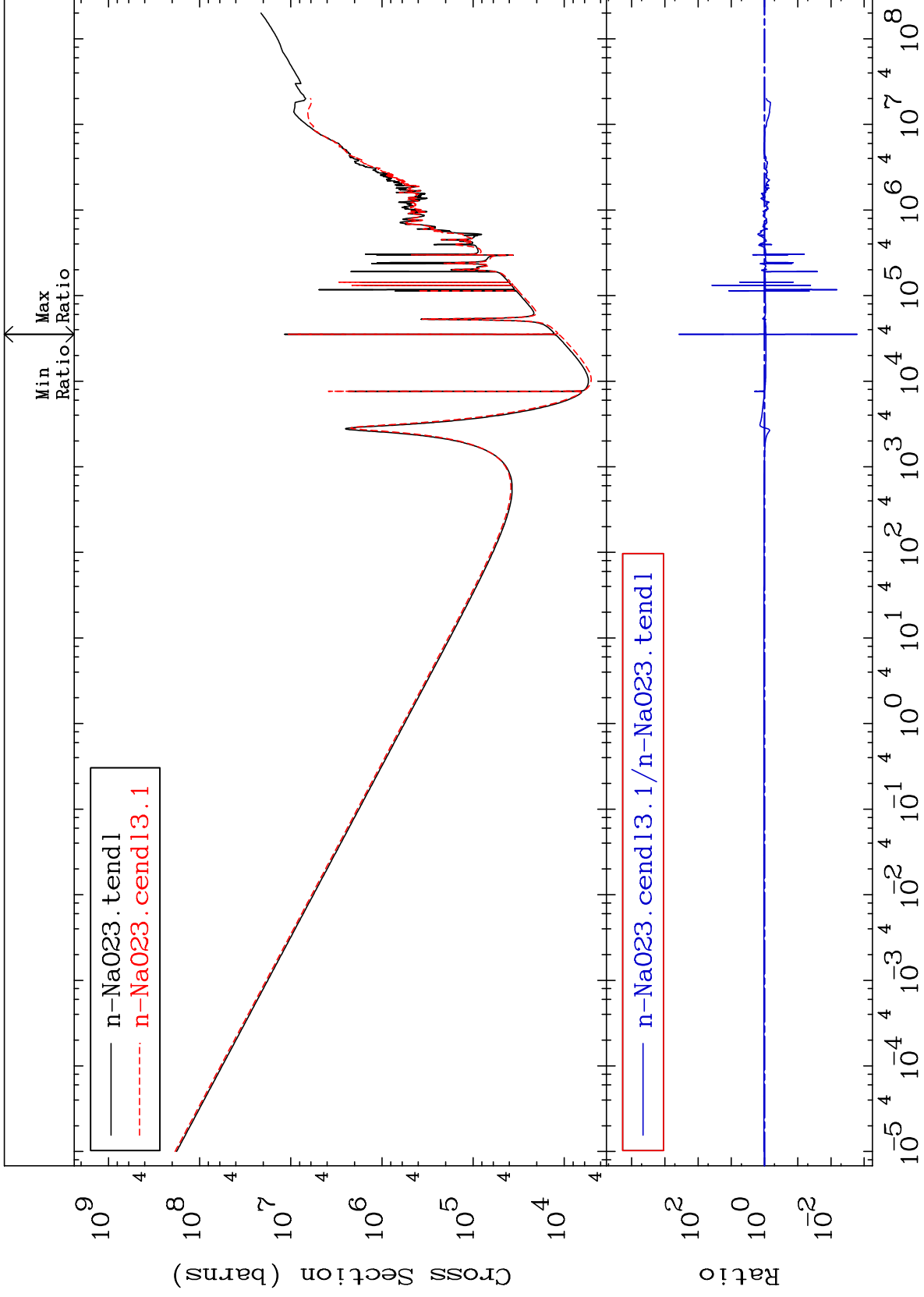
11-Na-23
-17.64 To 9999. %



40

Incident Energy (eV)

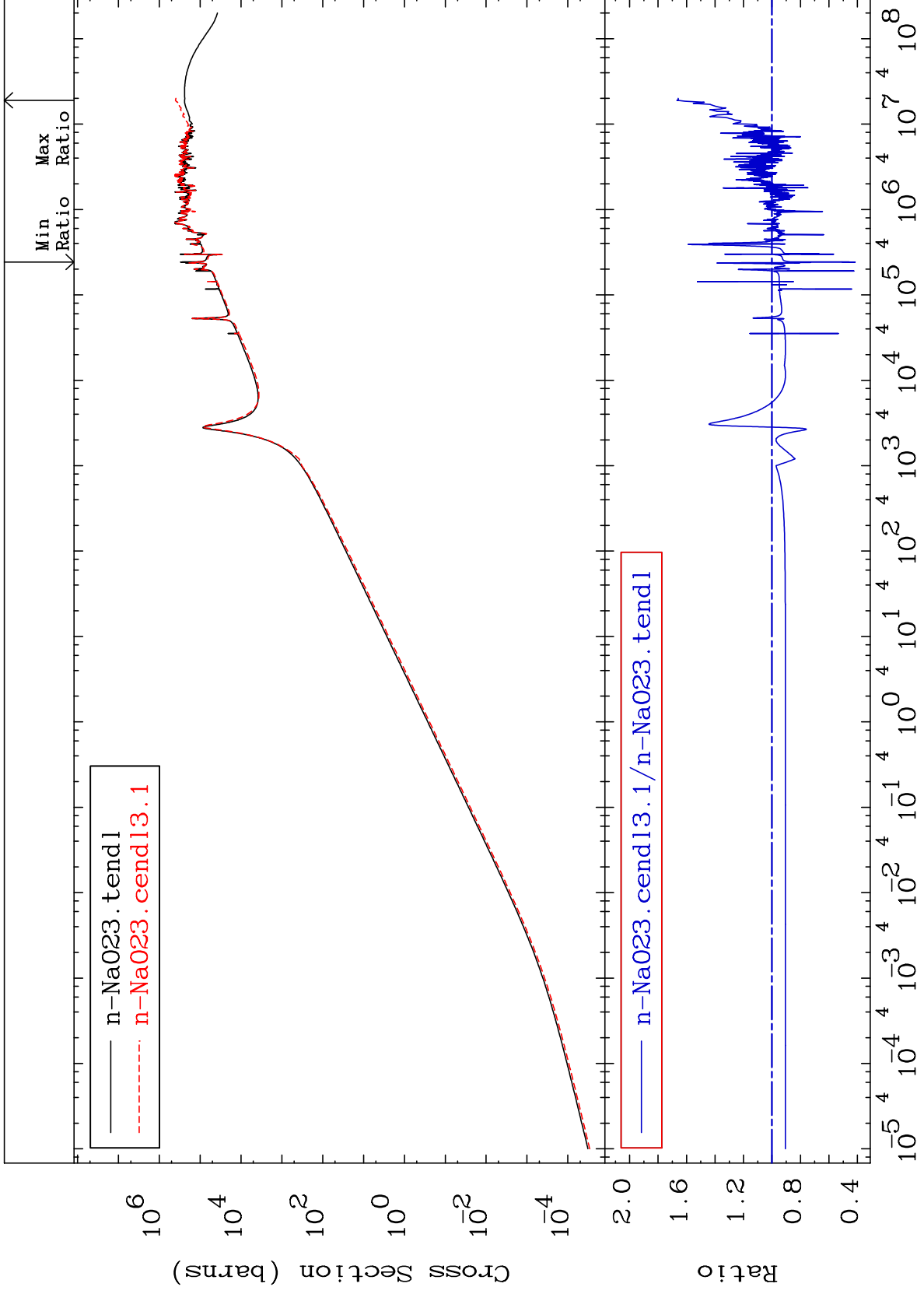
11-Na-23

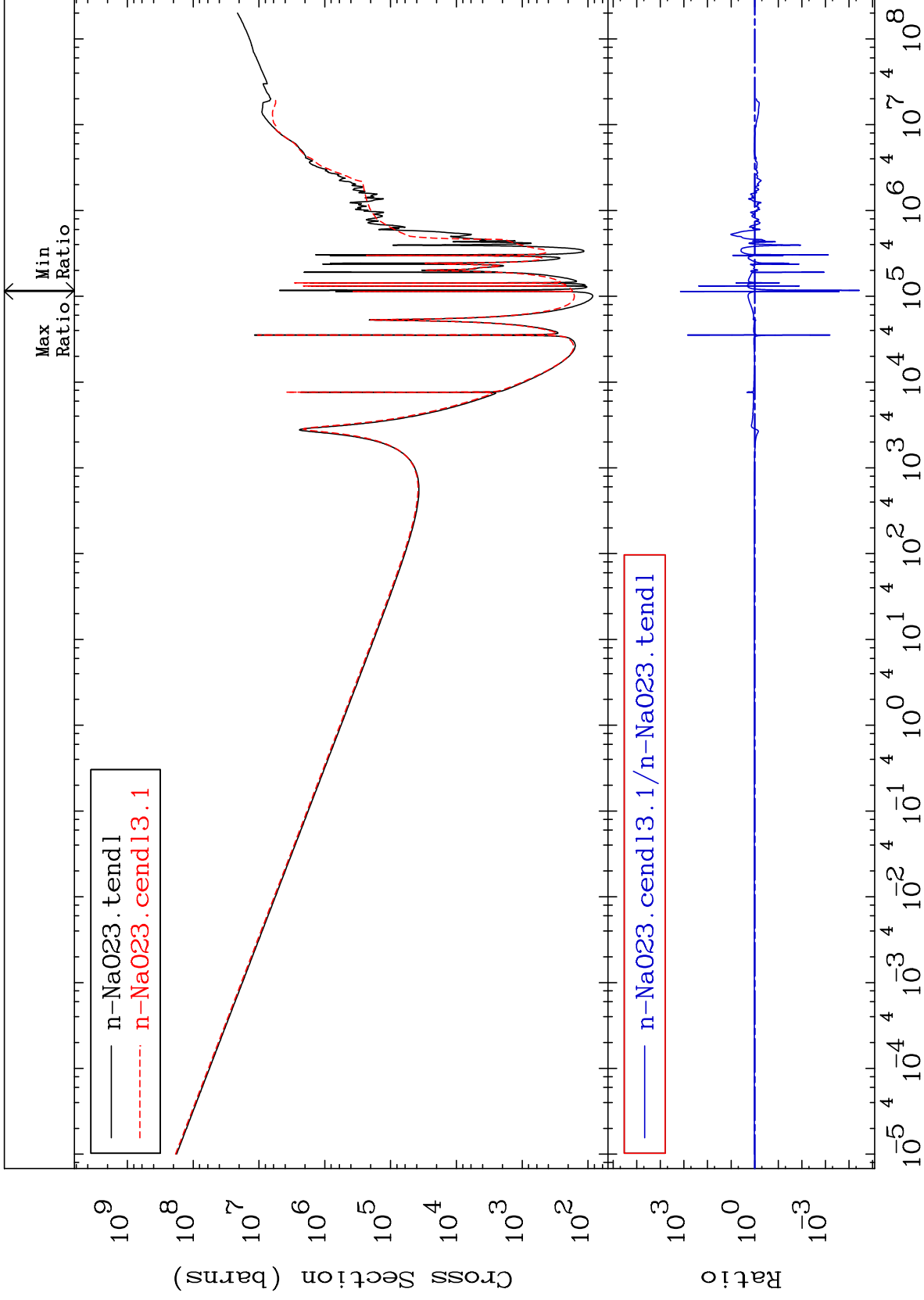


MAT 1125

Kerma elastic
Cross Section

11-Na-23
-58.38 To 66.77 %

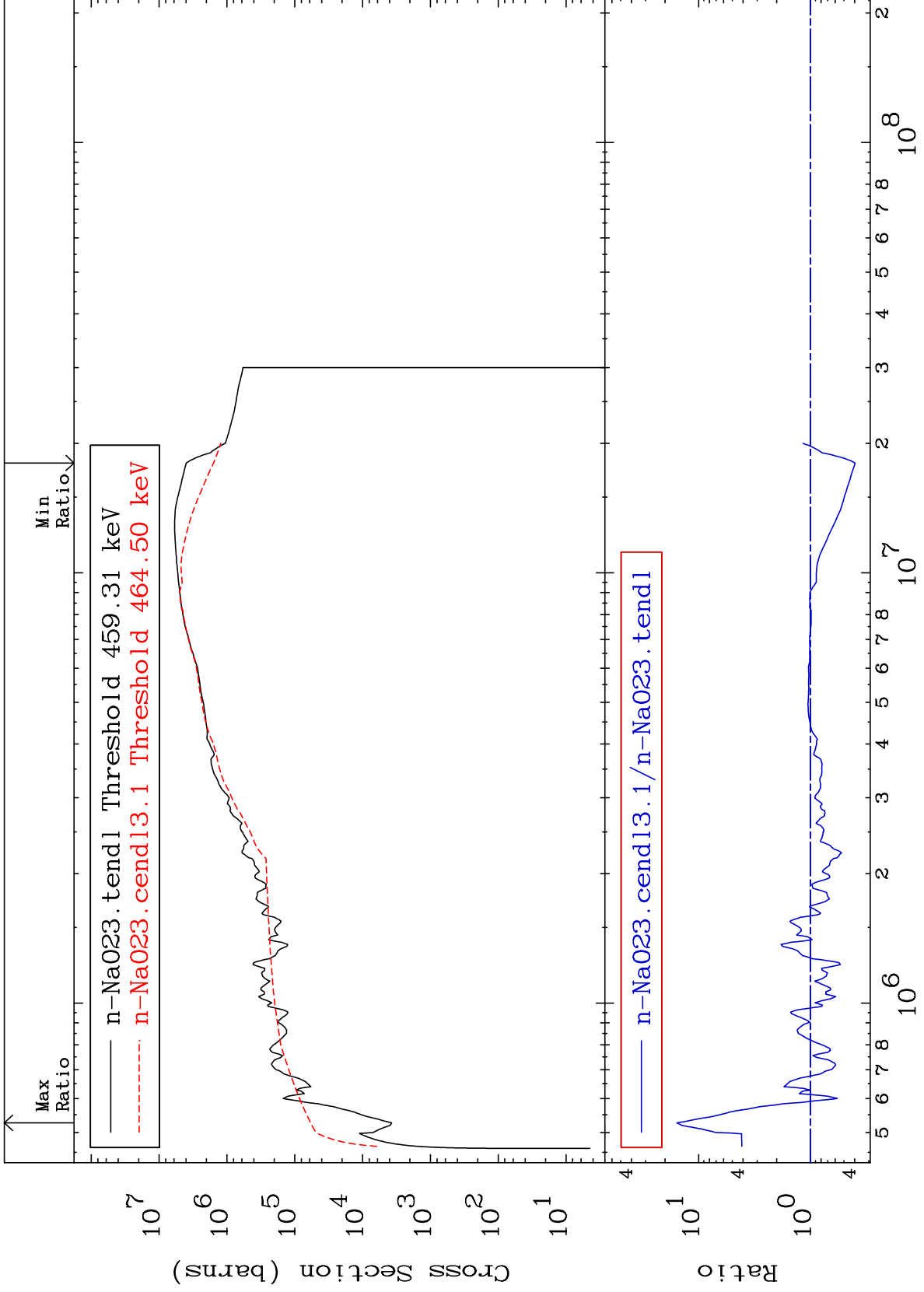




MAT 1125

Kerma inelastic (mt51-91)
Cross Section

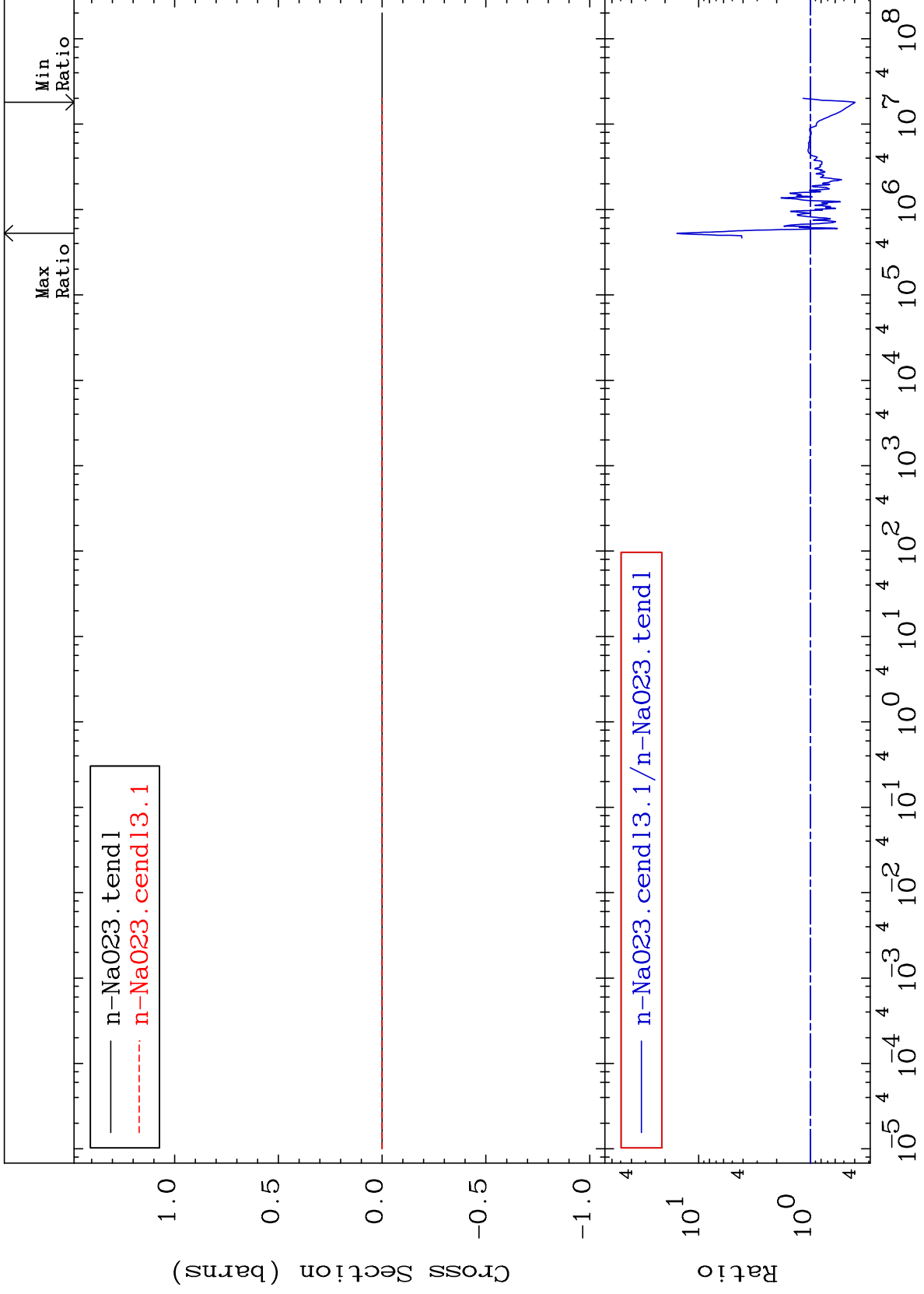
11-Na-23
-60.28 To 1468. %

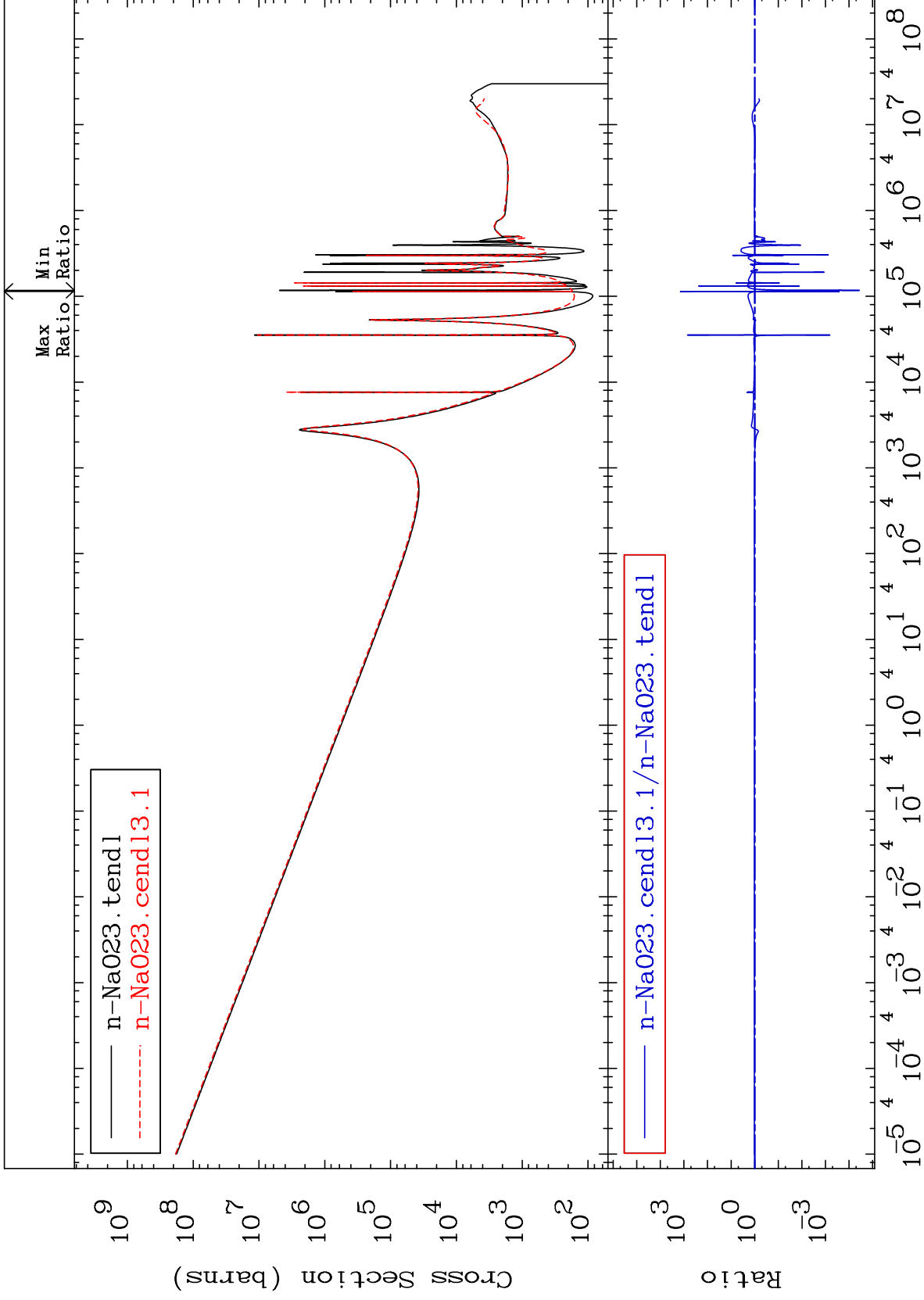


MAT 1125

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

11-Na-23
-60.28 To 1468. %

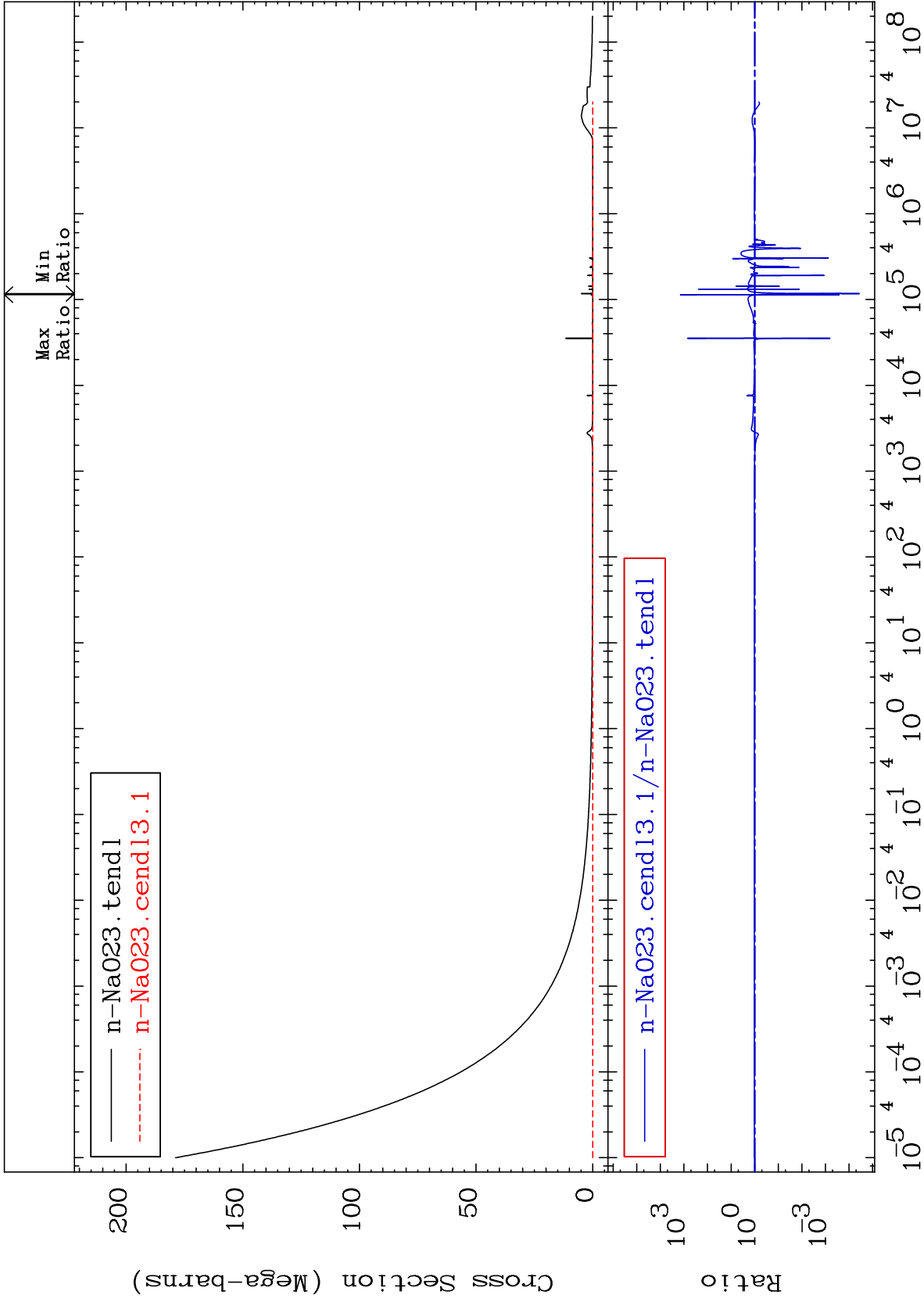




MAT 1125

Total photon (eV-barns)
Cross Section

11-Na-23
-100.0 To 9999. %



47

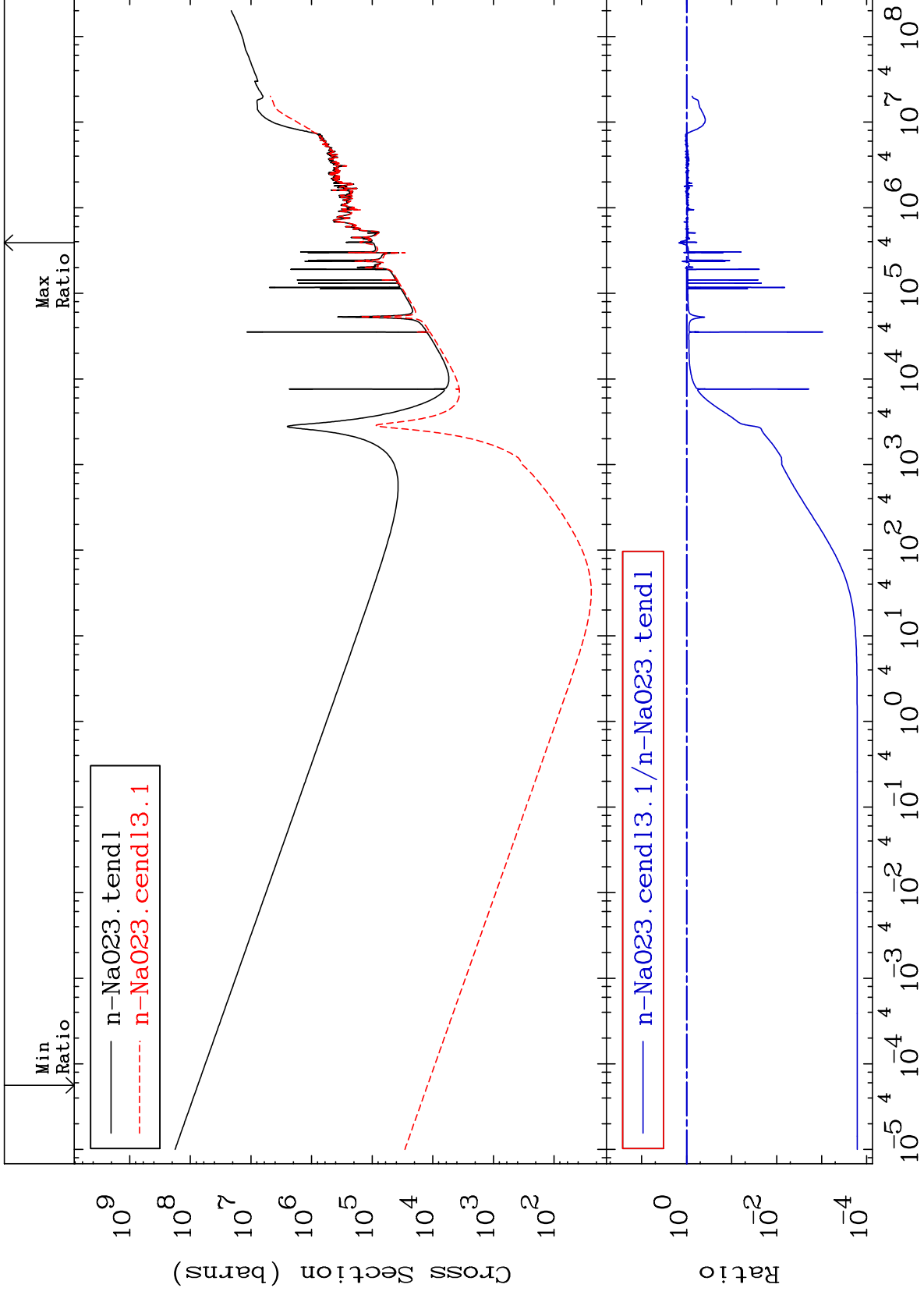
Incident Energy (eV)

11-Na-23

MAT 1125

Total kinematic kerma (high limit)
Cross Section

11-Na-23
-99.98 To 50.71 %



-58.35 To 1143. %

