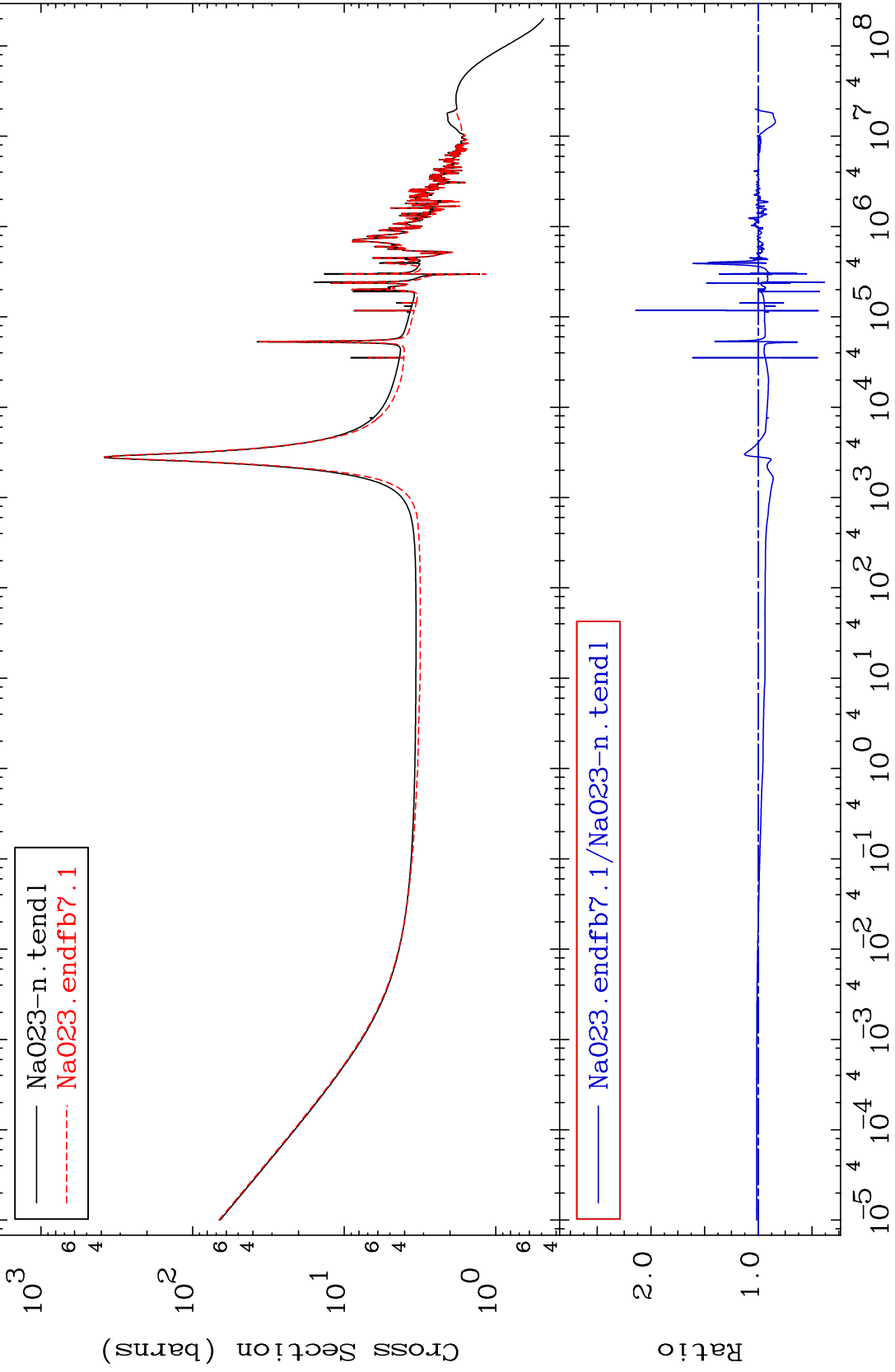


MAT 1125

Total
Cross Section

11-Na-23
-61.72 To 114.0 %



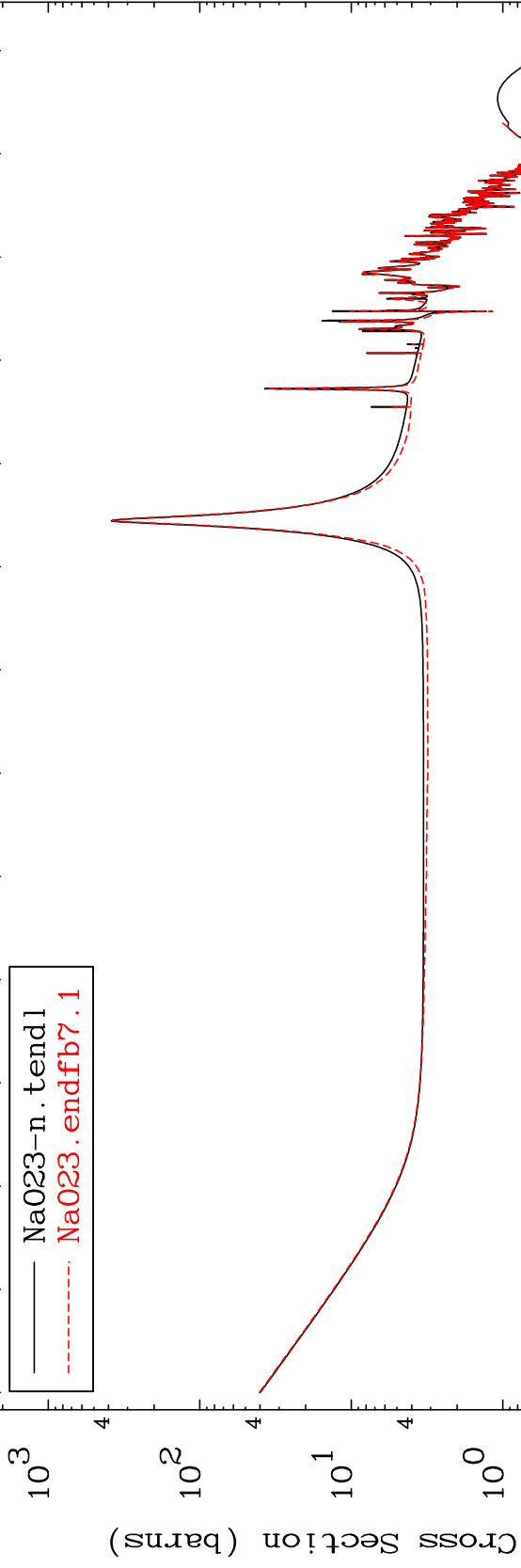
Incident Energy (eV)

11-Na-23

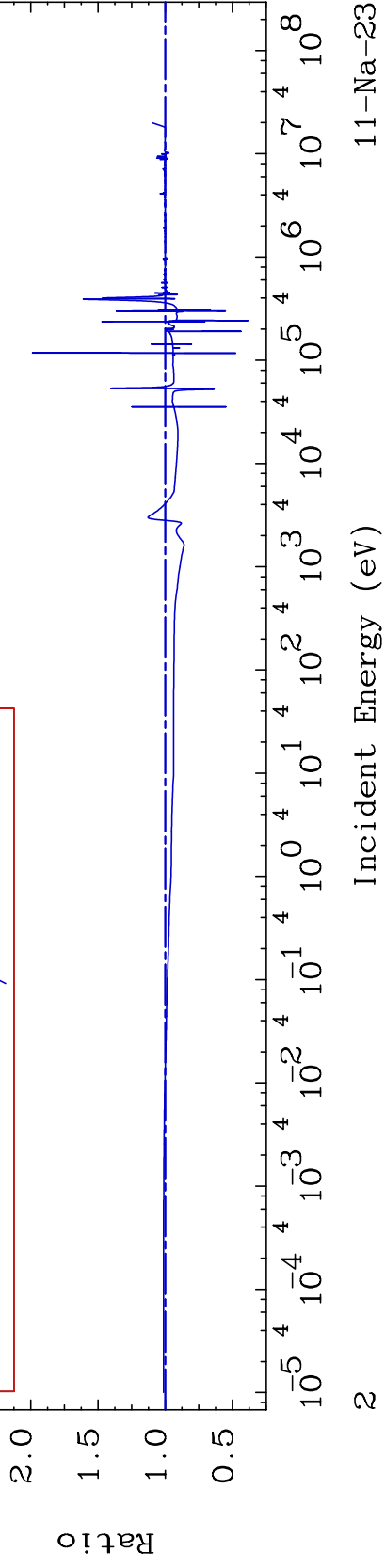
MAT 1125

Elastic
Cross Section

11-Na-23
-61.50 To 98.79 %



Na023.endfb7.1/Na023-n.tendl

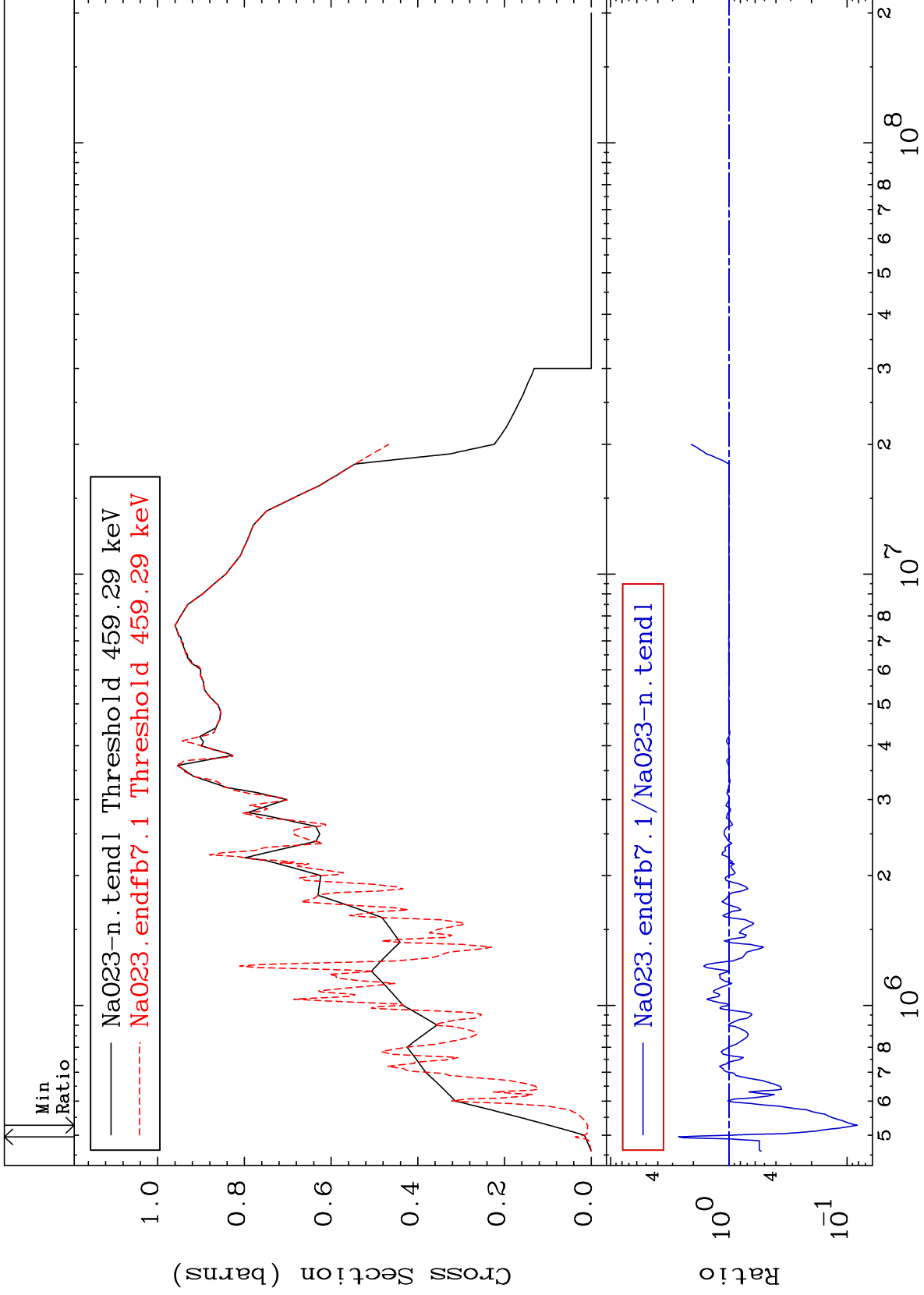


11-Na-23

MAT 1125

Inelastic
Cross Section

11-Na-23
-91.79 To 166.0 %



3

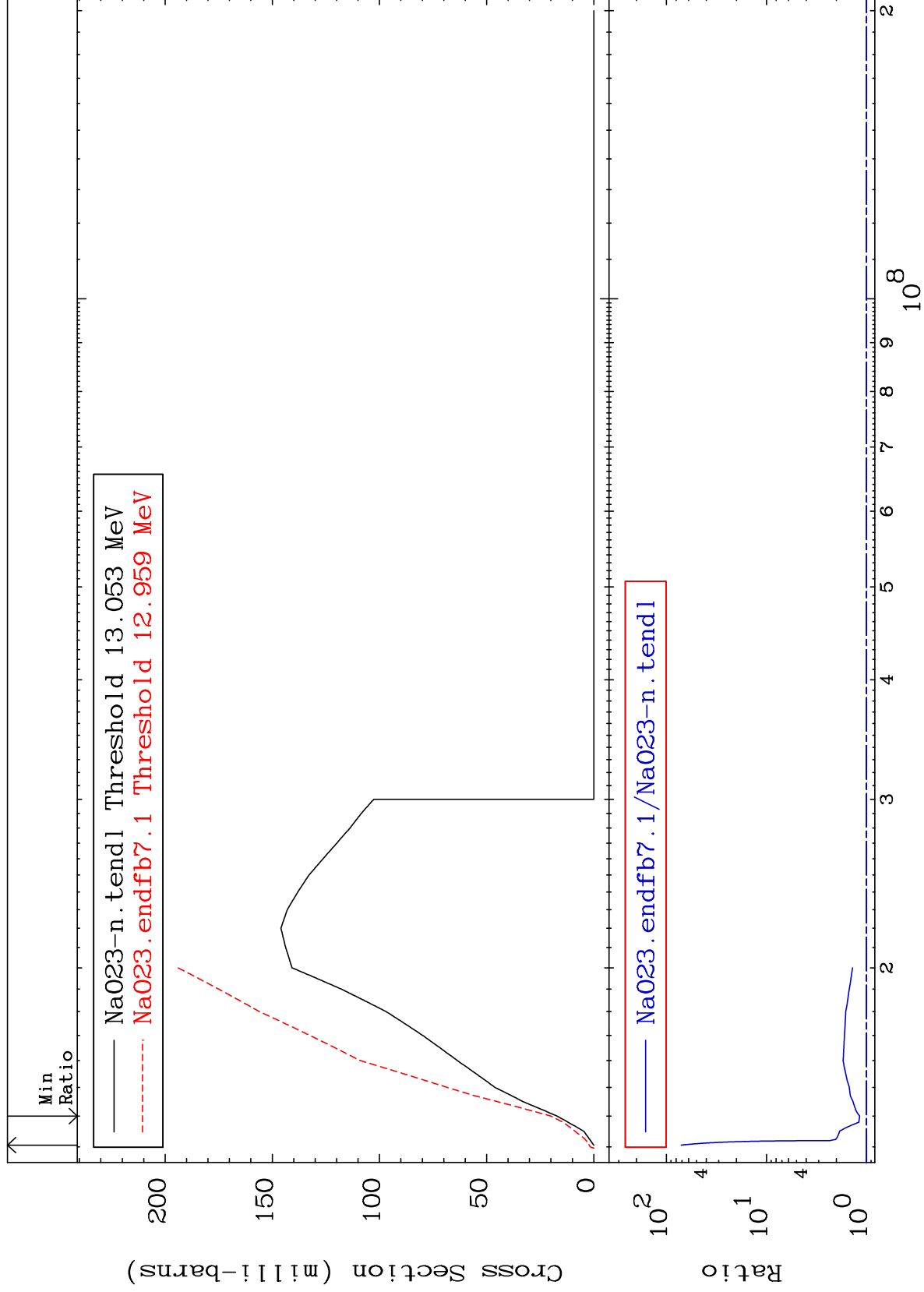
11-Na-23

11-Na-23

MAT 1125

(n,2n)
Cross Section

11-Na-23
16.96 To 7024. %



4

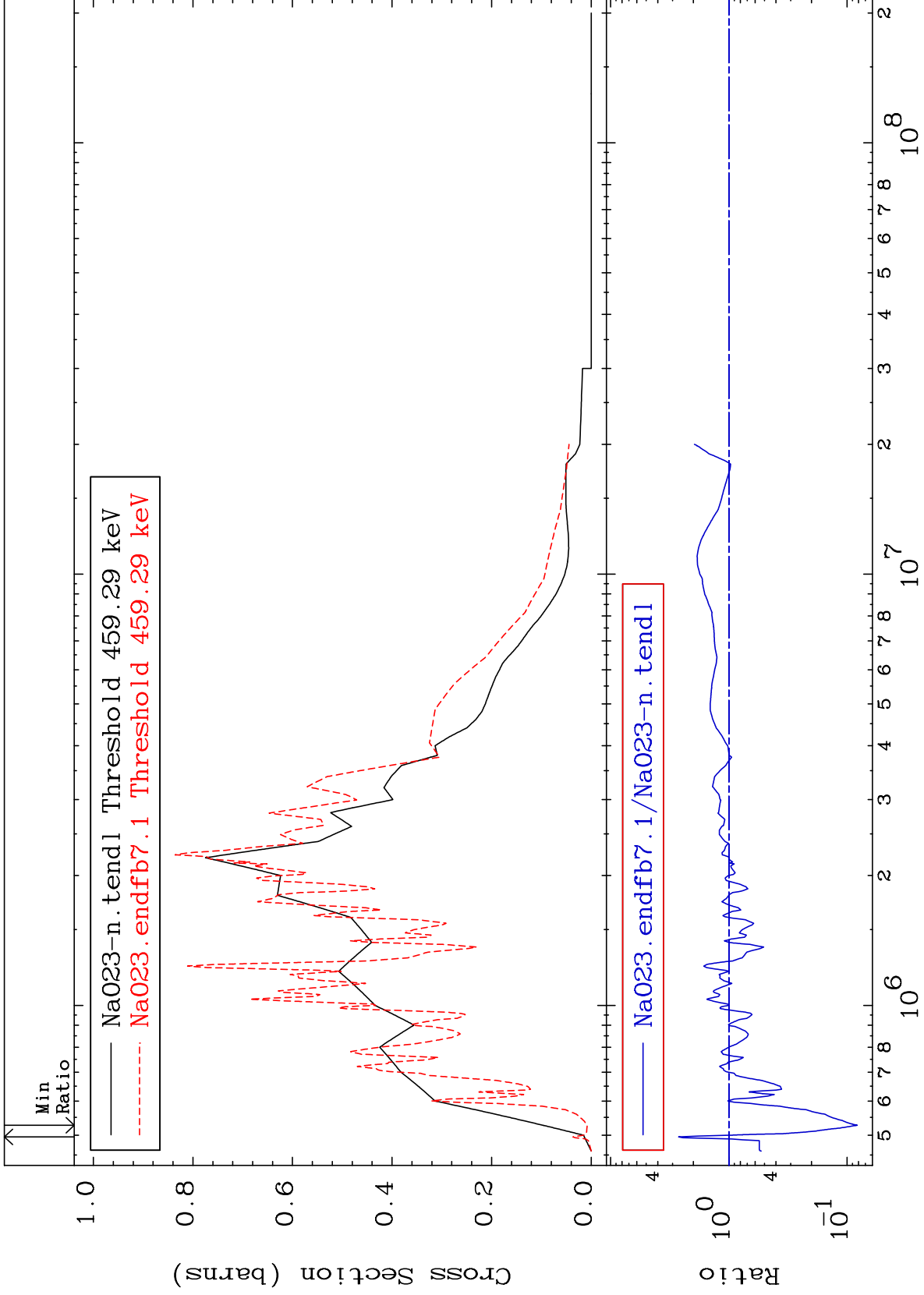
11-Na-23

11-Na-23

MAT 1125

440.0 keV (n,n') Level
Cross Section

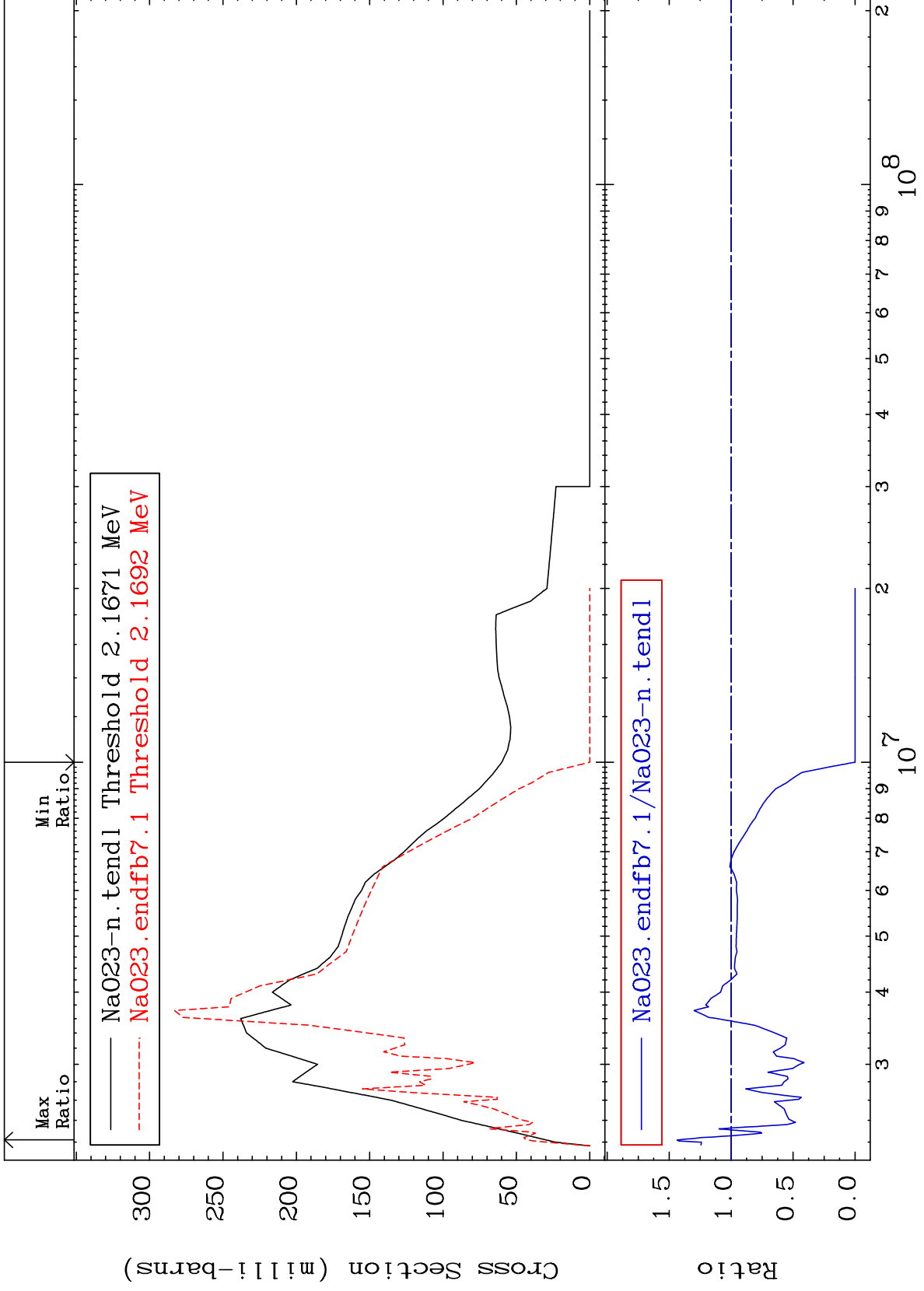
11-Na-23
-91.79 To 166.0 %



MAT 1125

2.076 MeV (n,n') Level
Cross Section

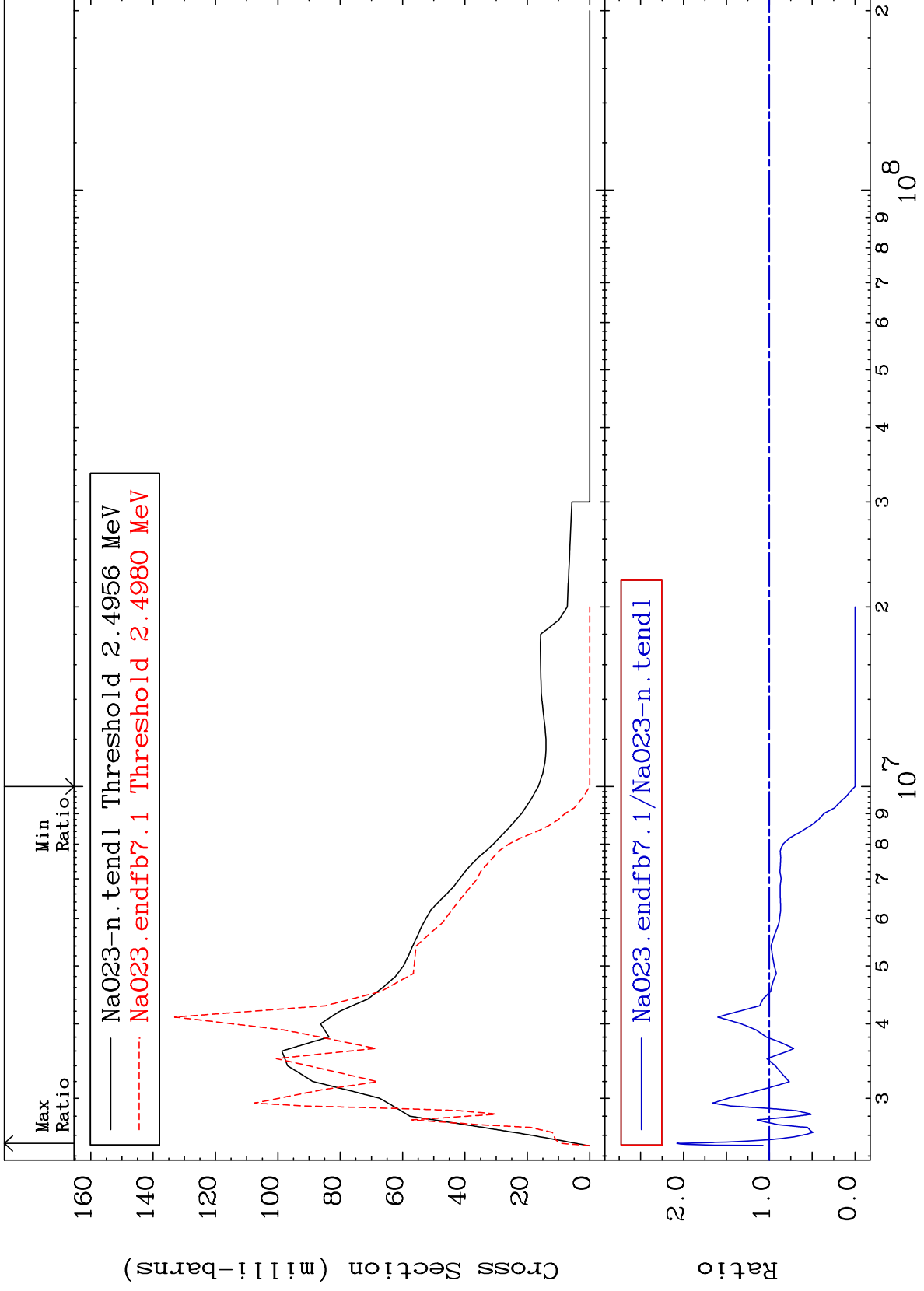
11-Na-23
-100.0 To 43.77 %



MAT 1125

2.391 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 107.7 %



7

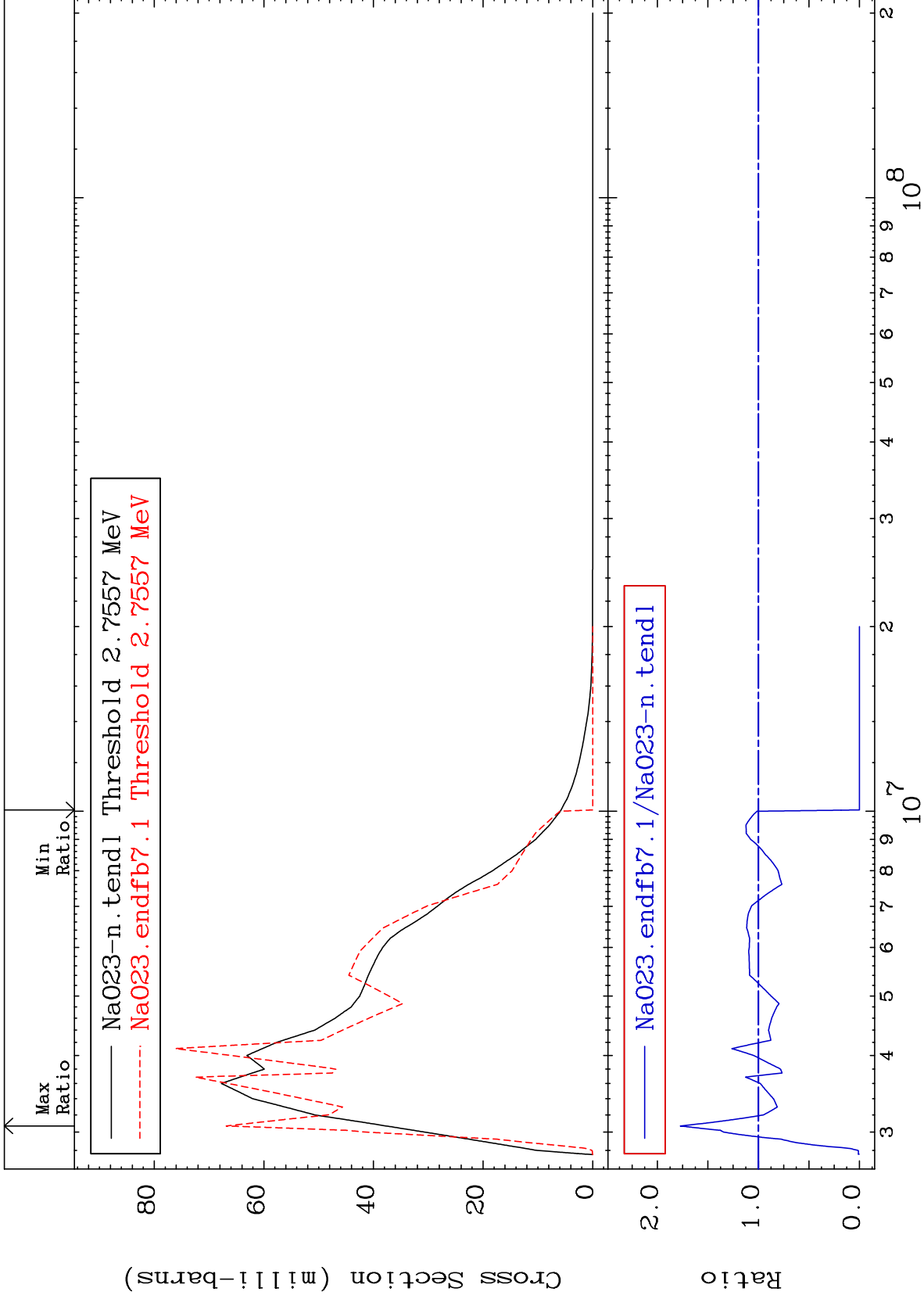
Incident Energy (eV)

11-Na-23

MAT 1125

2.640 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 77.25 %



8

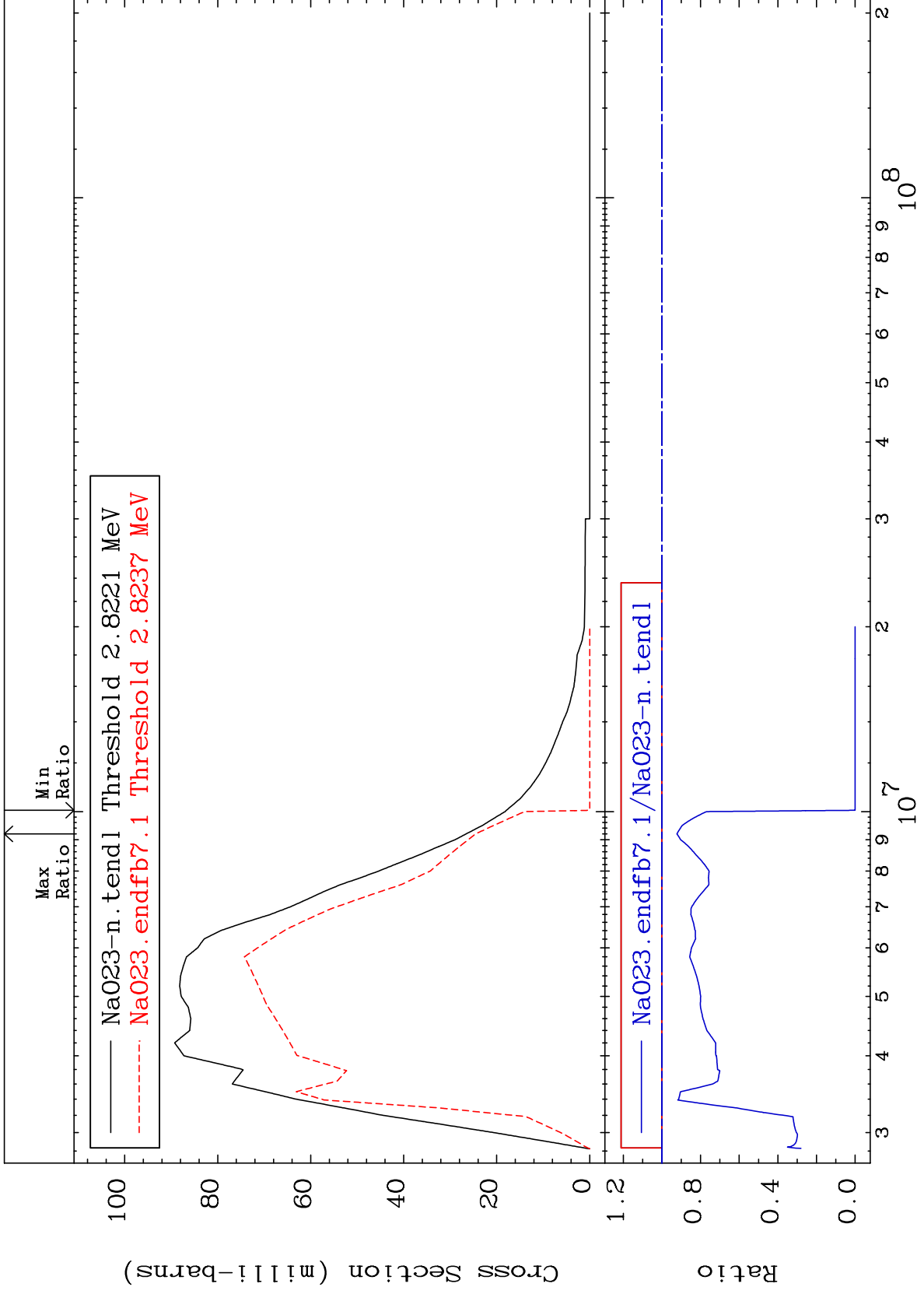
11-Na-23

11-Na-23

MAT 1125

2.704 MeV (n,n') Level
Cross Section

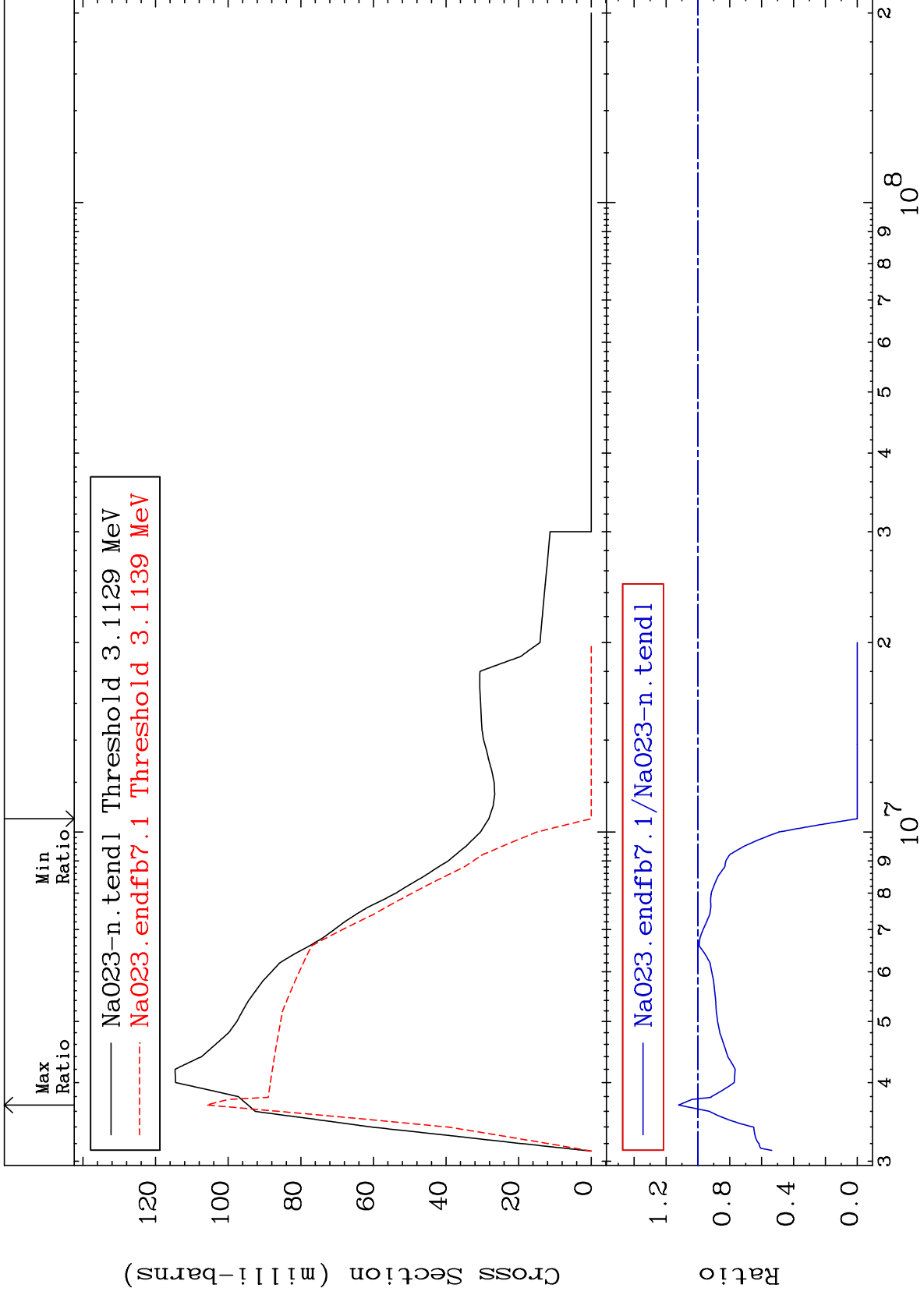
11-Na-23
-100.0 To -7.748%



MAT 1125

2.982 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 12.08 %



10

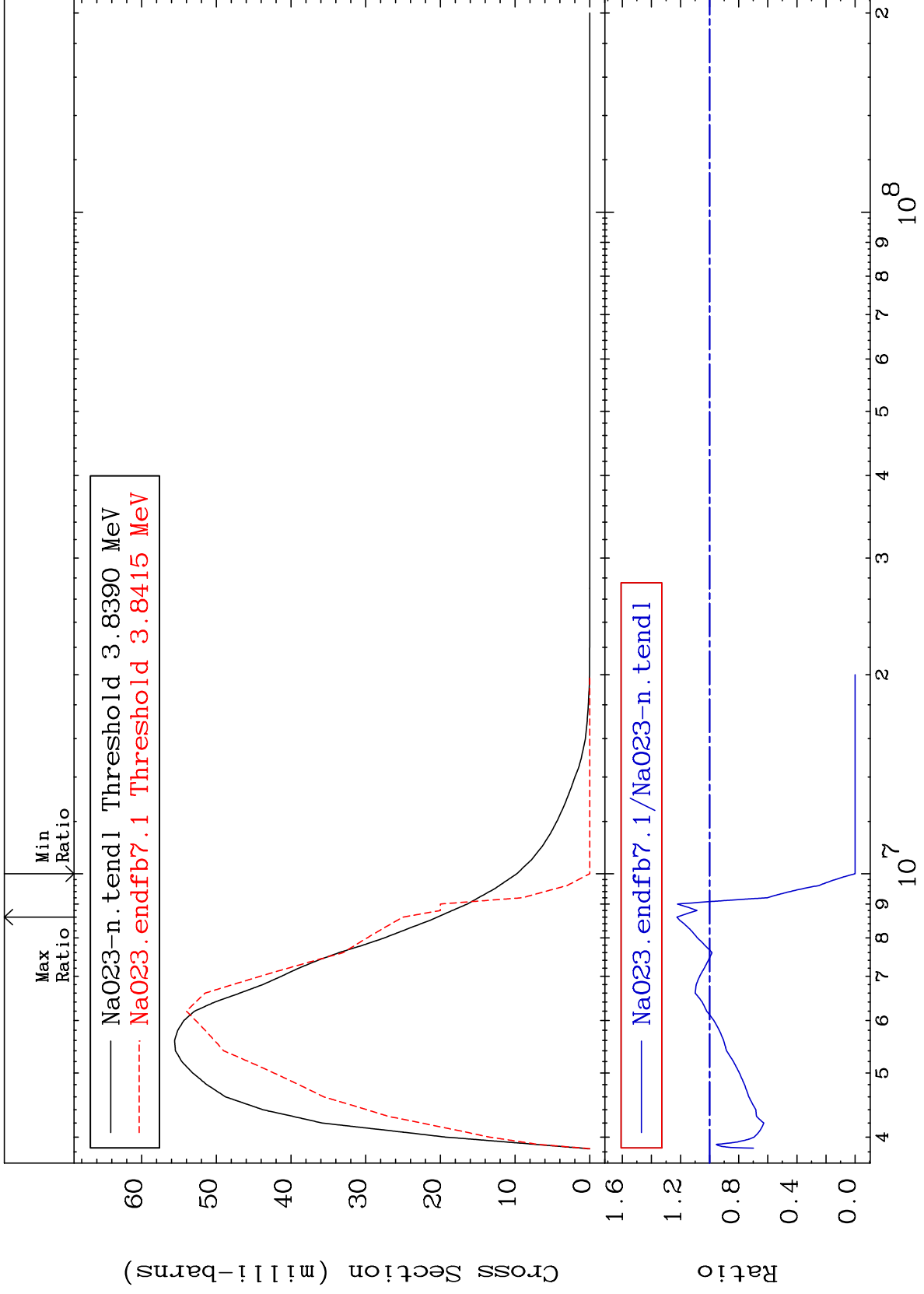
Incident Energy (eV)

11-Na-23

MAT 1125

3.678 MeV (n,n') Level
Cross Section

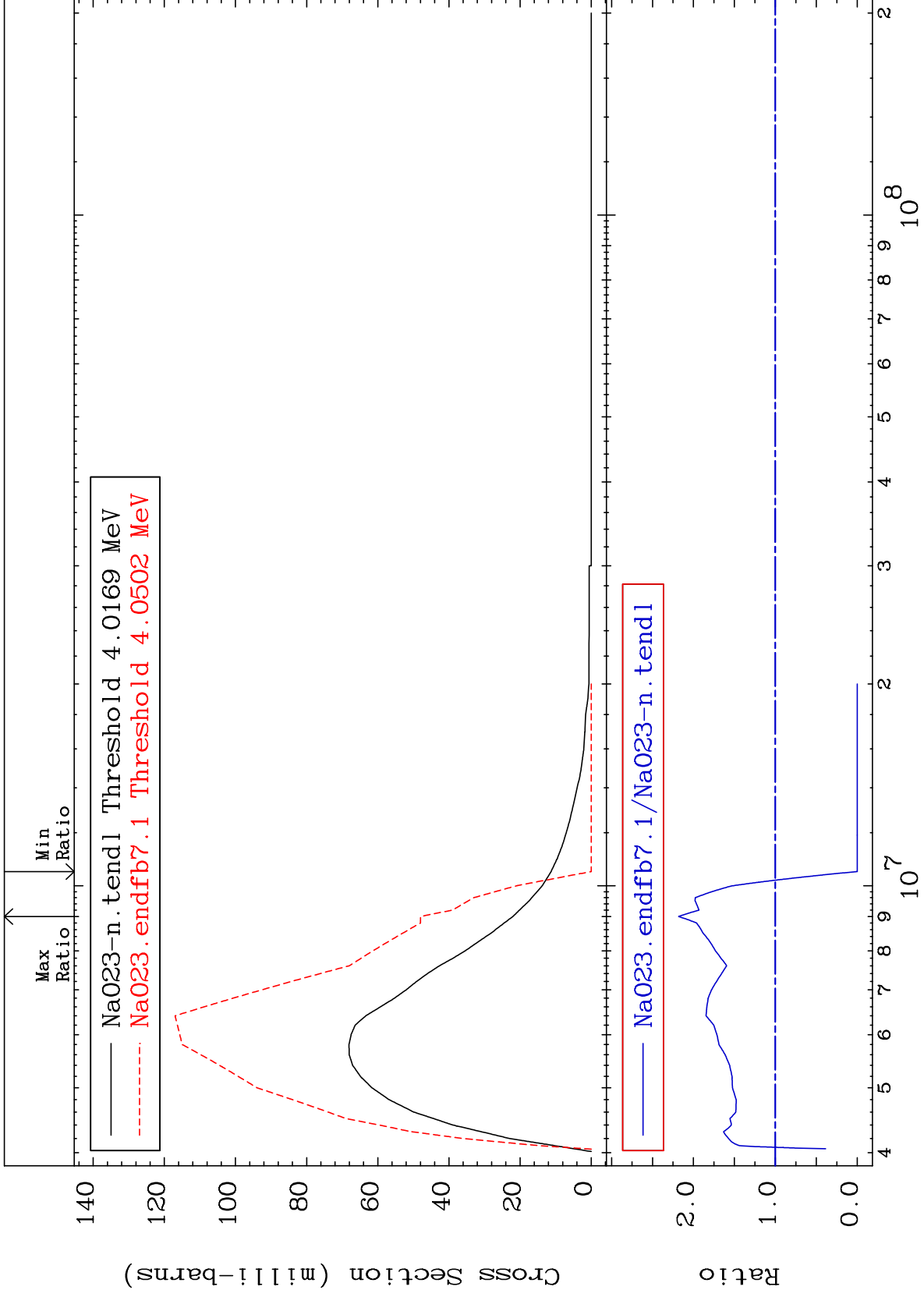
11-Na-23
-100.0 To 22.49 %



MAT 1125

3.848 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 118.1 %



12

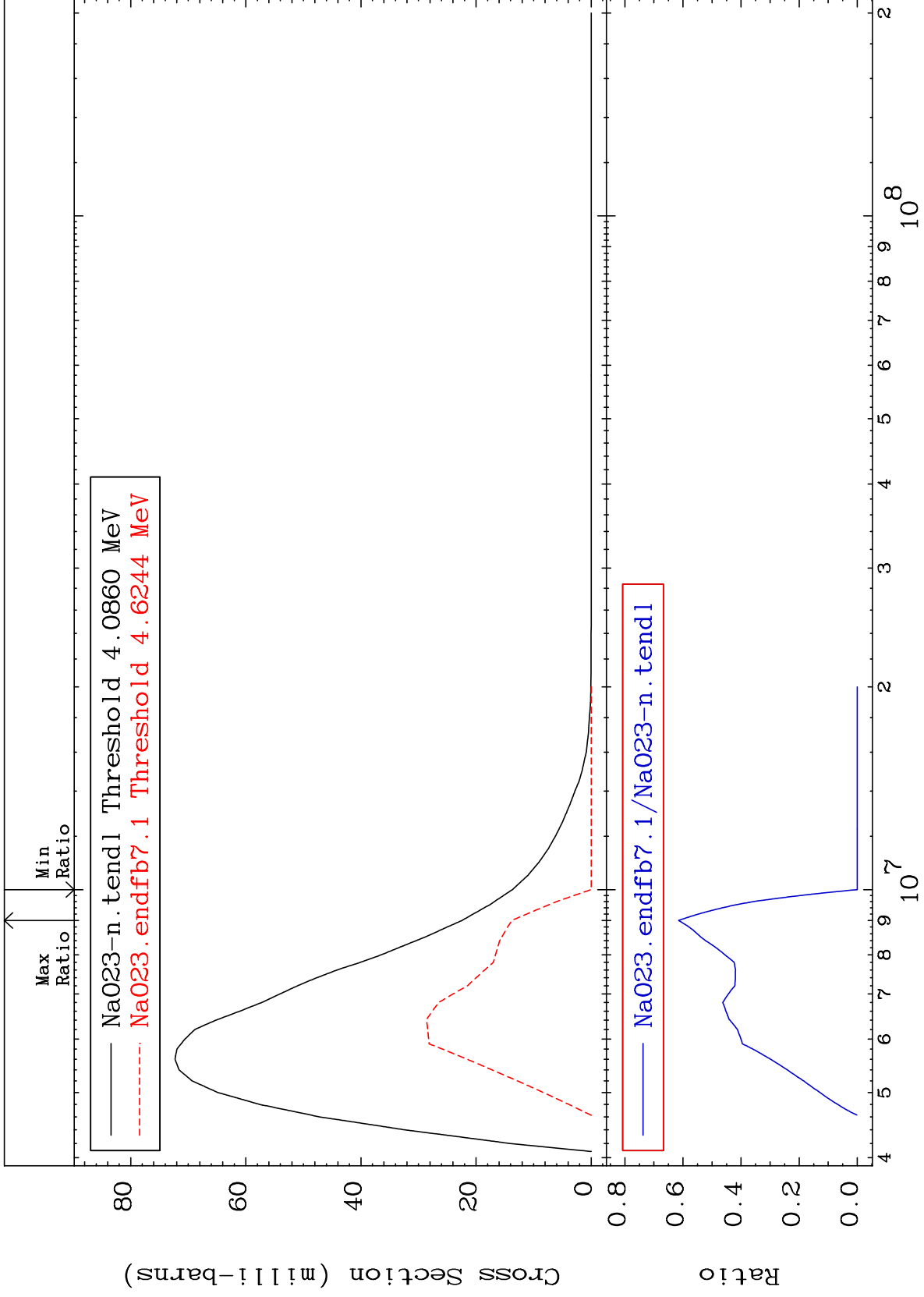
Incident Energy (eV)

11-Na-23

MAT 1125

3.914 MeV (n,n') Level
Cross Section

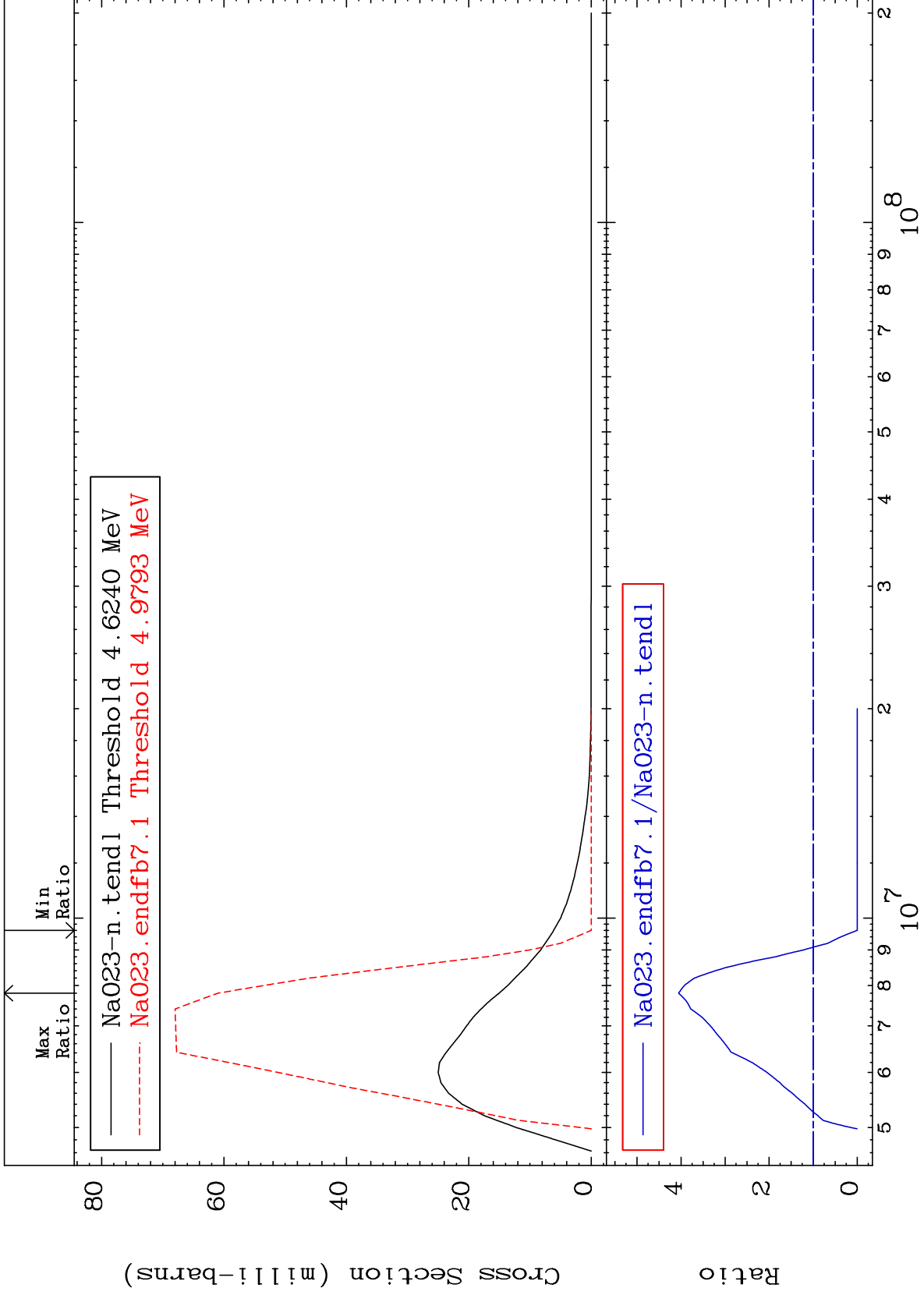
11-Na-23
-100.0 To -38.51%



MAT 1125

4.430 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 305.4 %



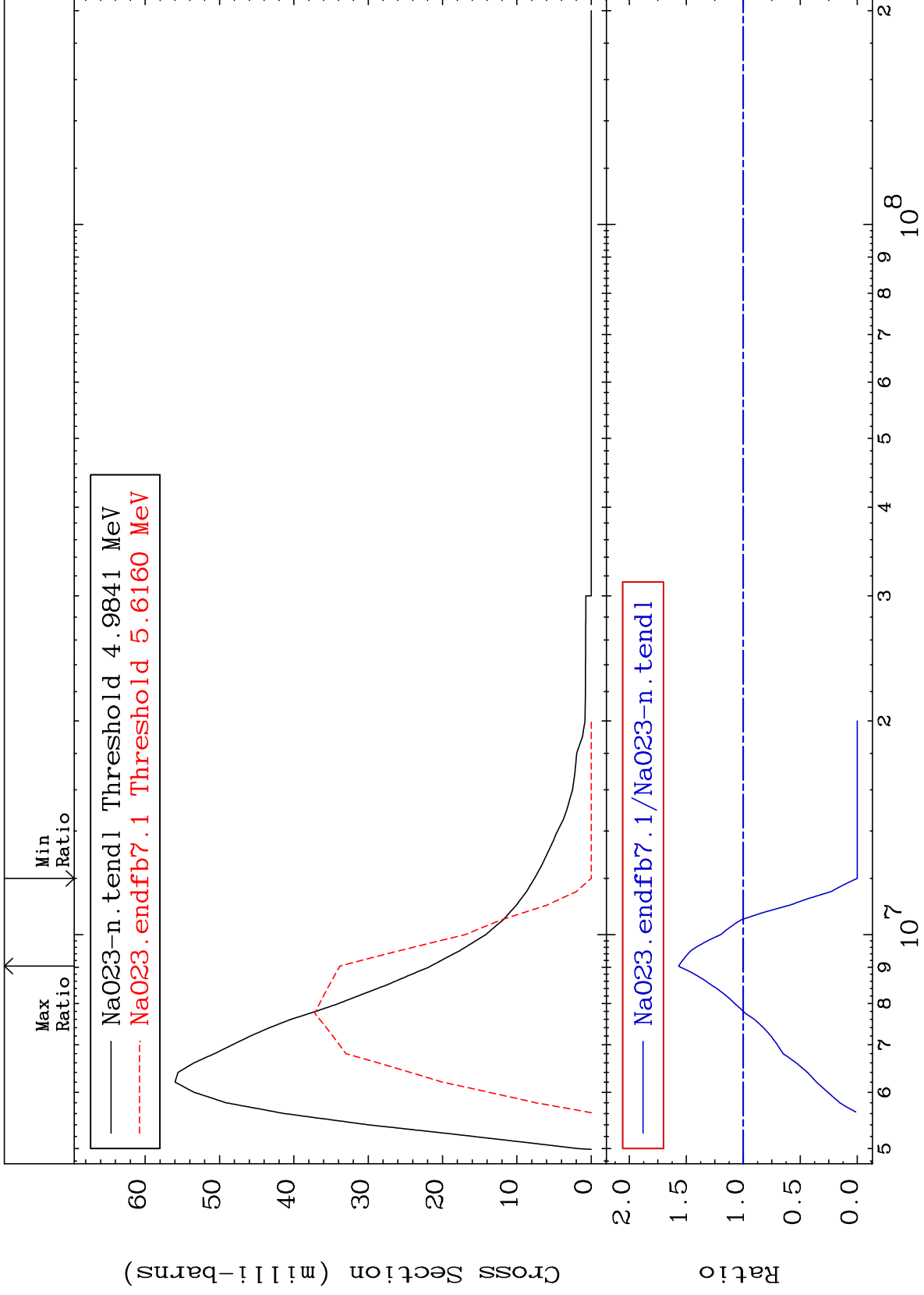
14

11-Na-23

MAT 1125

4.775 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 56.74 %



15

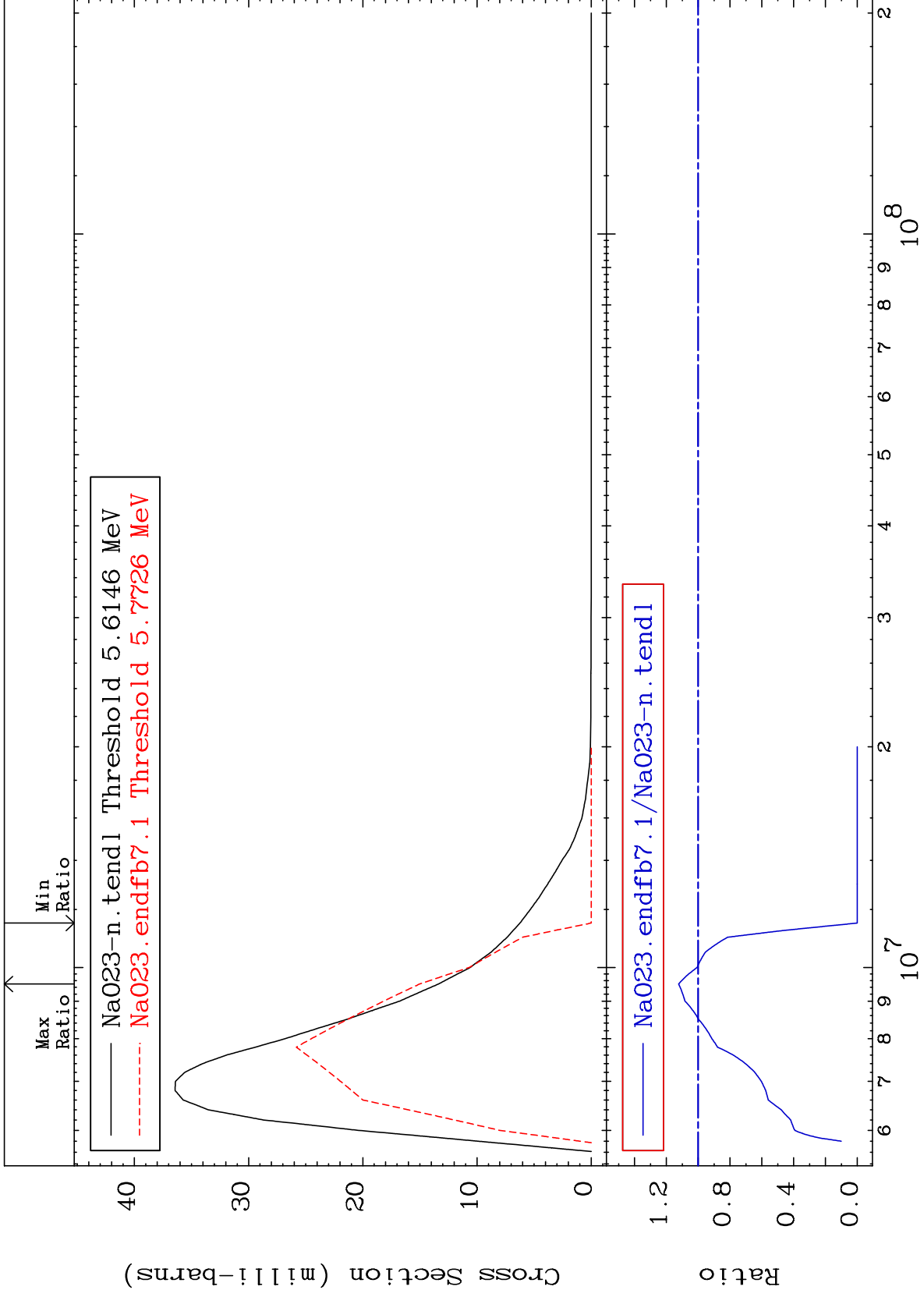
Incident Energy (eV)

11-Na-23

MAT 1125

5.379 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 12.30 %



16

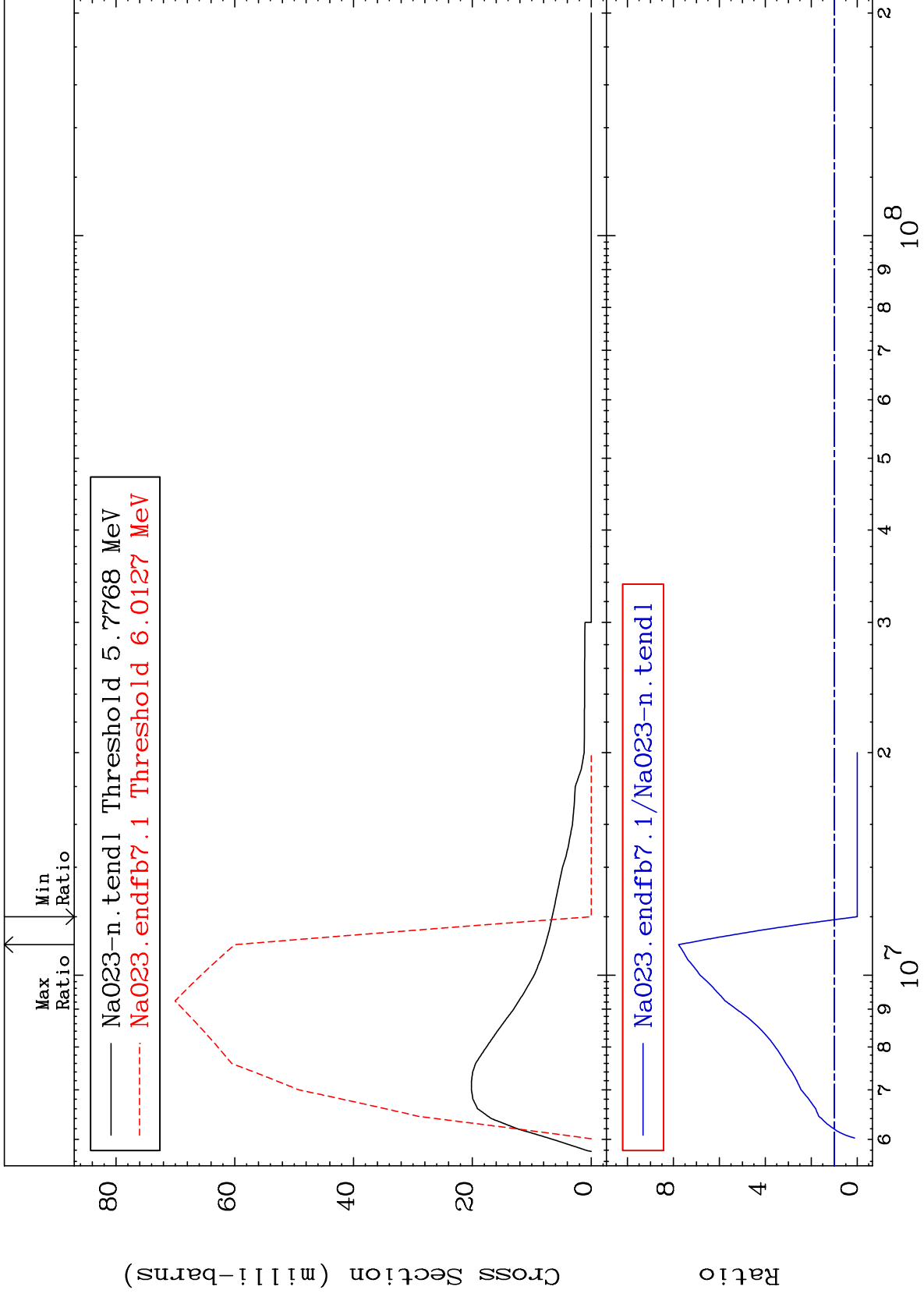
Incident Energy (eV)

11-Na-23

MAT 1125

5.534 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 677.5 %



17

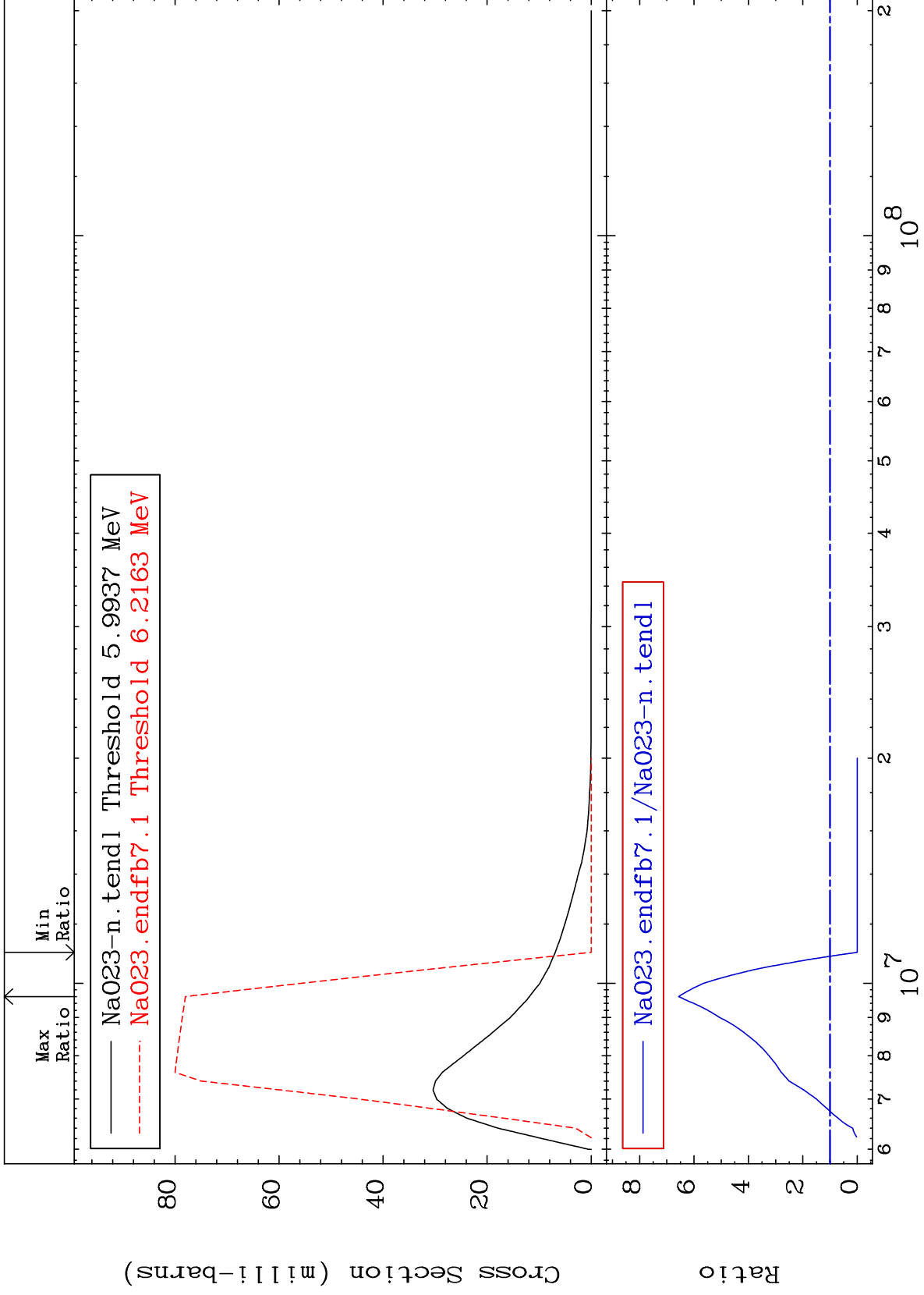
Incident Energy (eV)

11-Na-23

MAT 1125

5.742 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 556.5 %



18

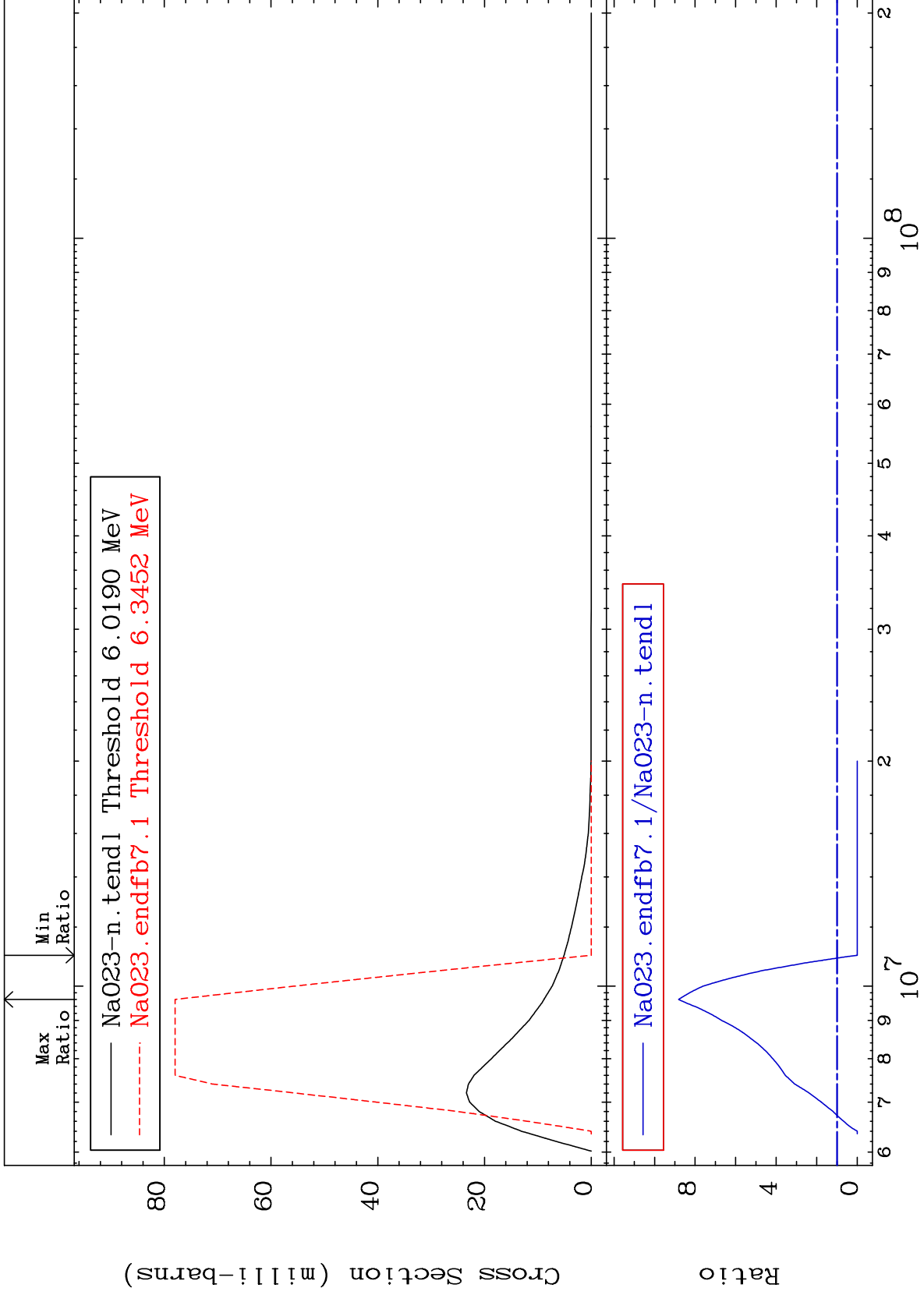
Incident Energy (eV)

11-Na-23

MAT 1125

5.766 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 781.3 %



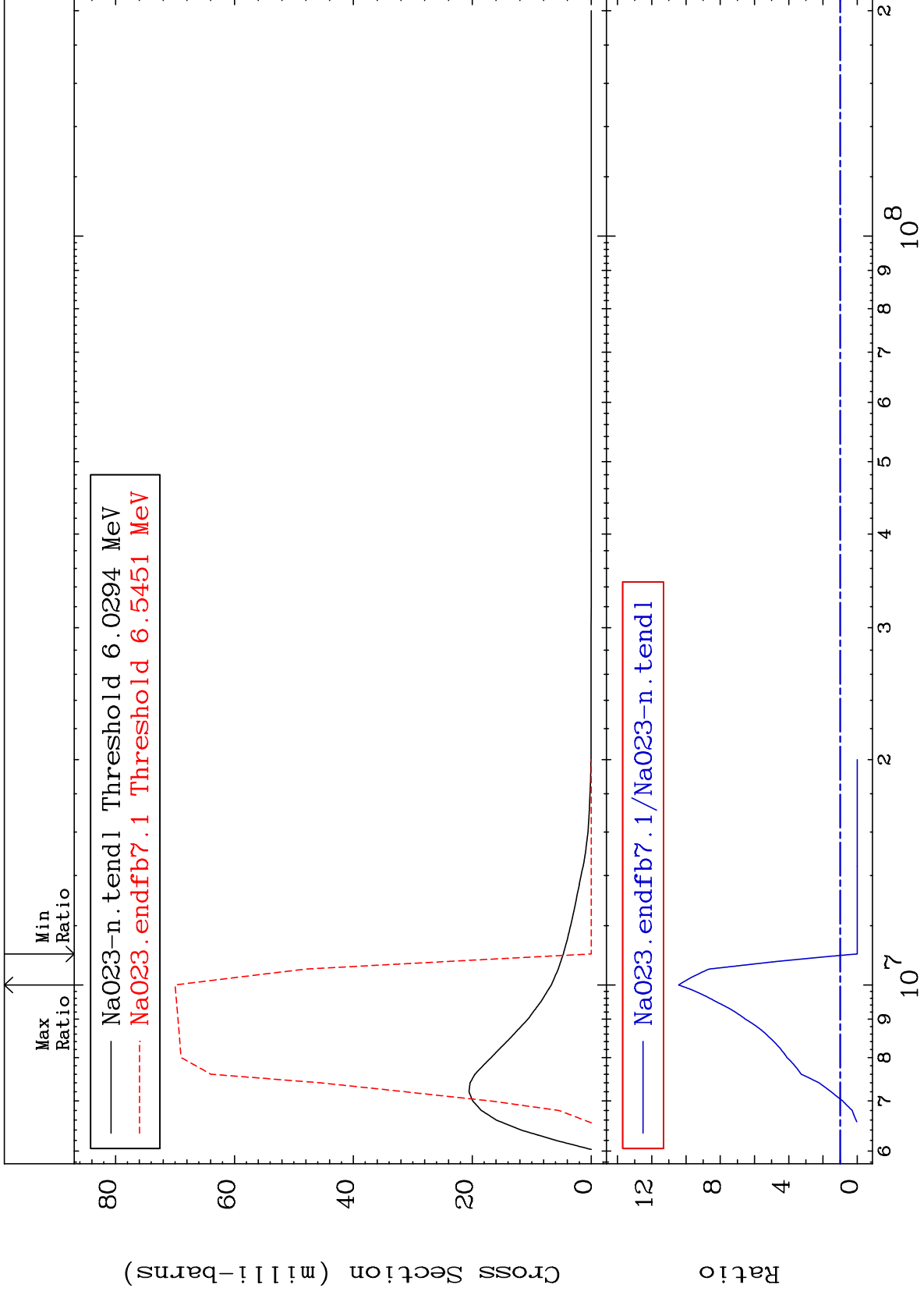
19

11-Na-23

MAT 1125

5.776 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 943.2 %



20

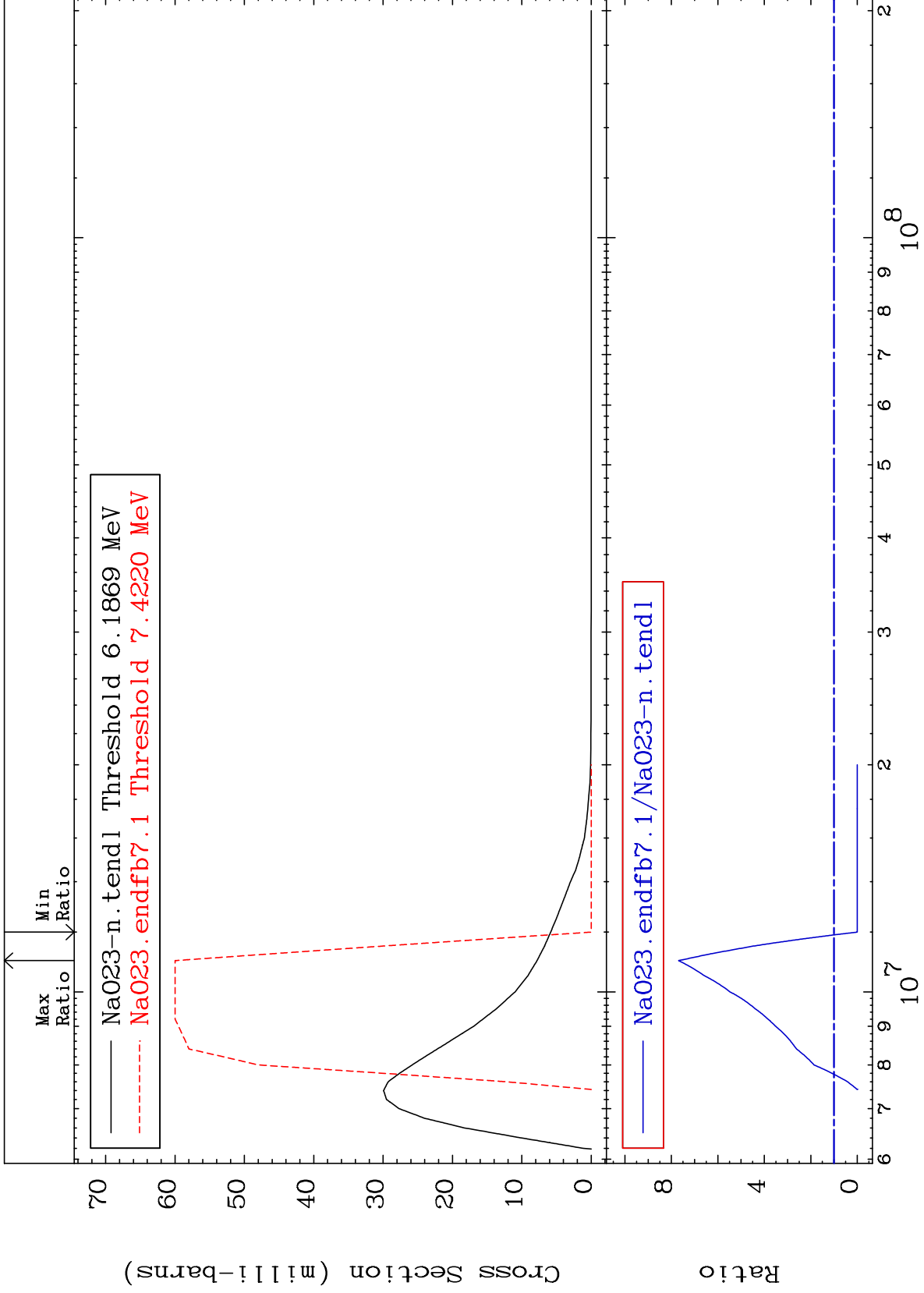
Incident Energy (eV)

11-Na-23

MAT 1125

5.927 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 668.8 %



21

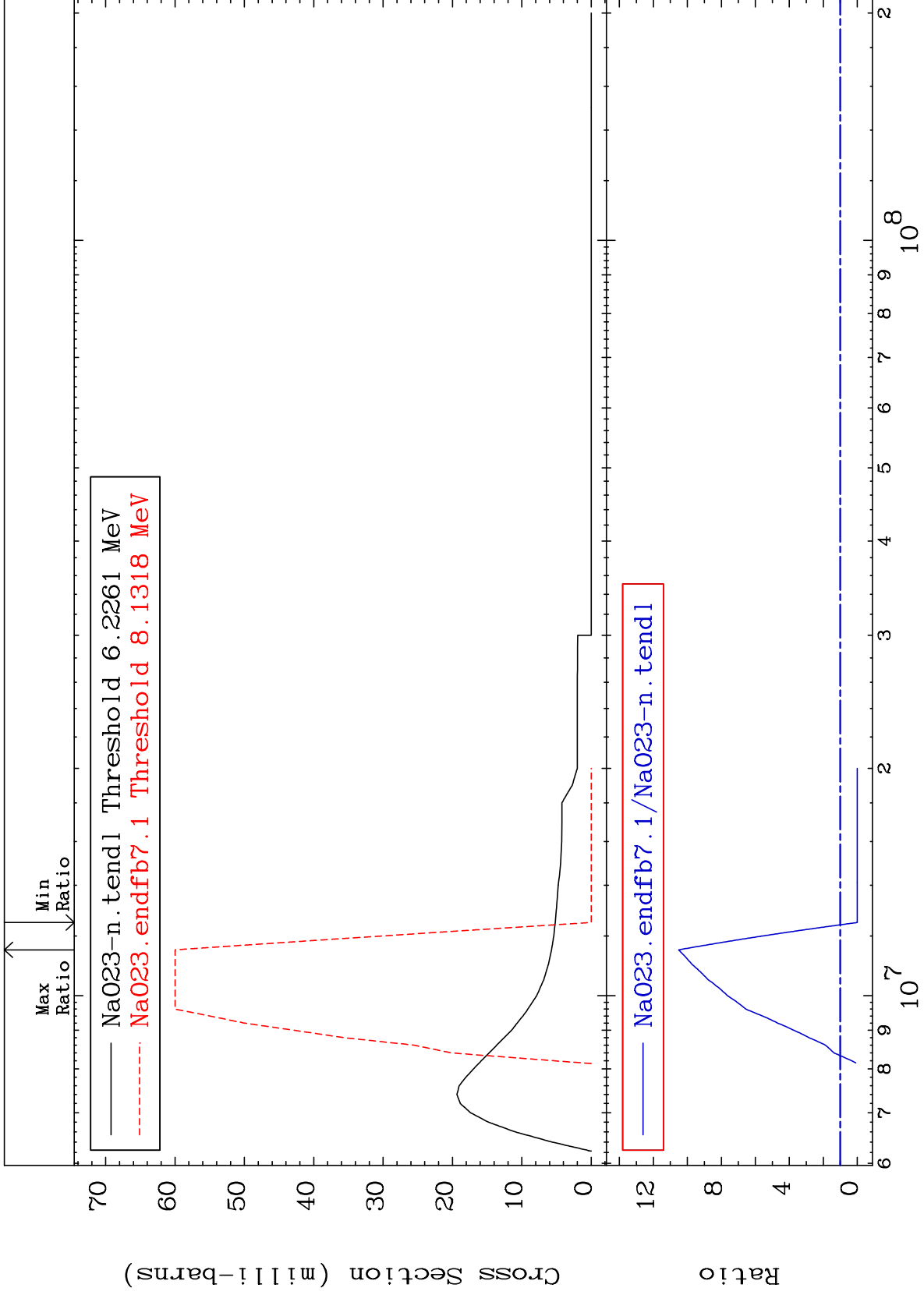
Incident Energy (eV)

11-Na-23

MAT 1125

5.964 MeV (n,n') Level
Cross Section

11-Na-23
-100.0 To 951.3 %



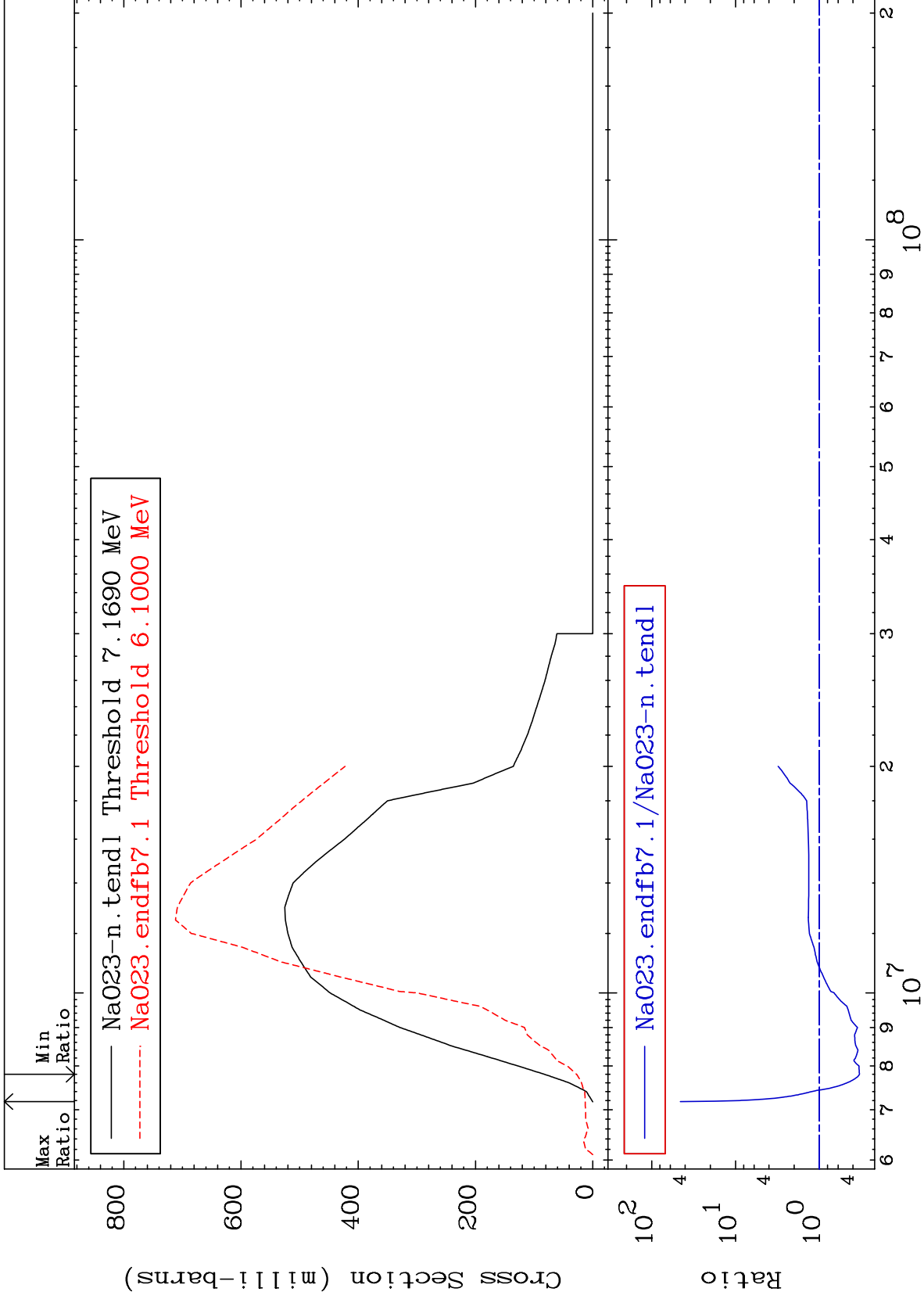
22

11-Na-23

MAT 1125

(n, n') Continuum
Cross Section

11-Na-23
-66.60 To 4457. %



23

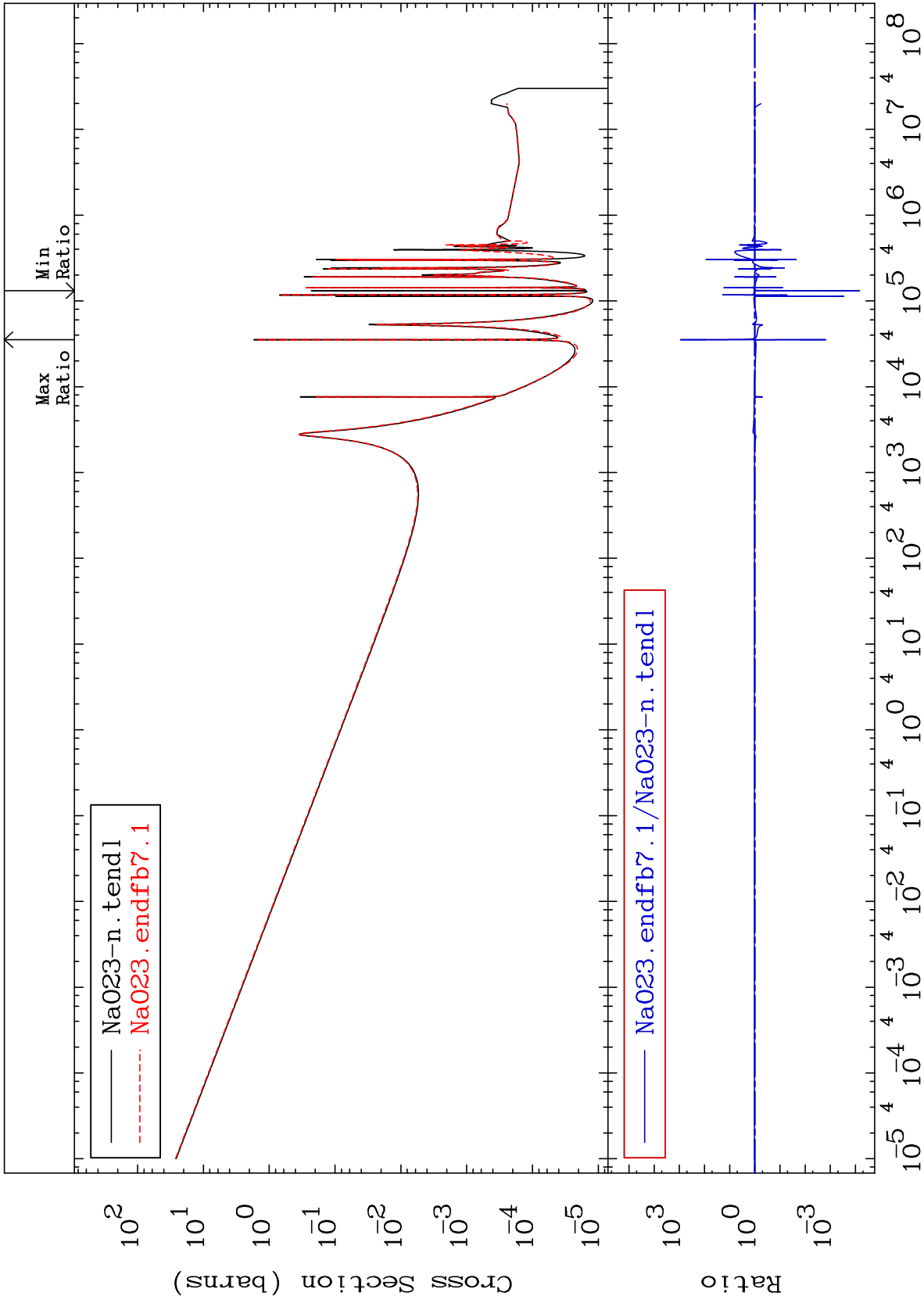
Incident Energy (eV)

11-Na-23

MAT 1125

(n, γ)
Cross Section

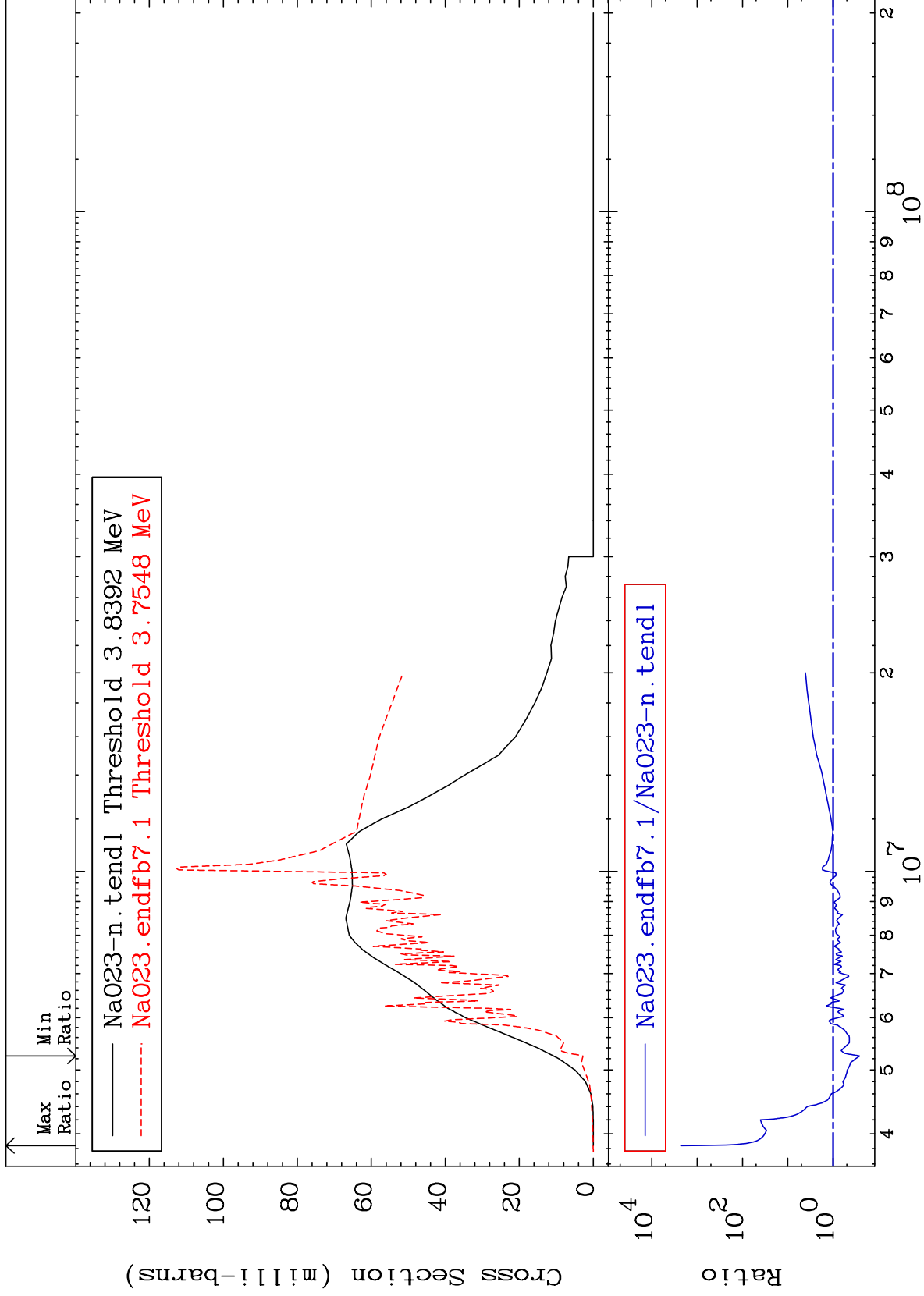
11-Na-23
-99.99 To 9999. %



MAT 1125

(n,p)
Cross Section

11-Na-23
-73.92 To 9999. %



25

11-Na-23

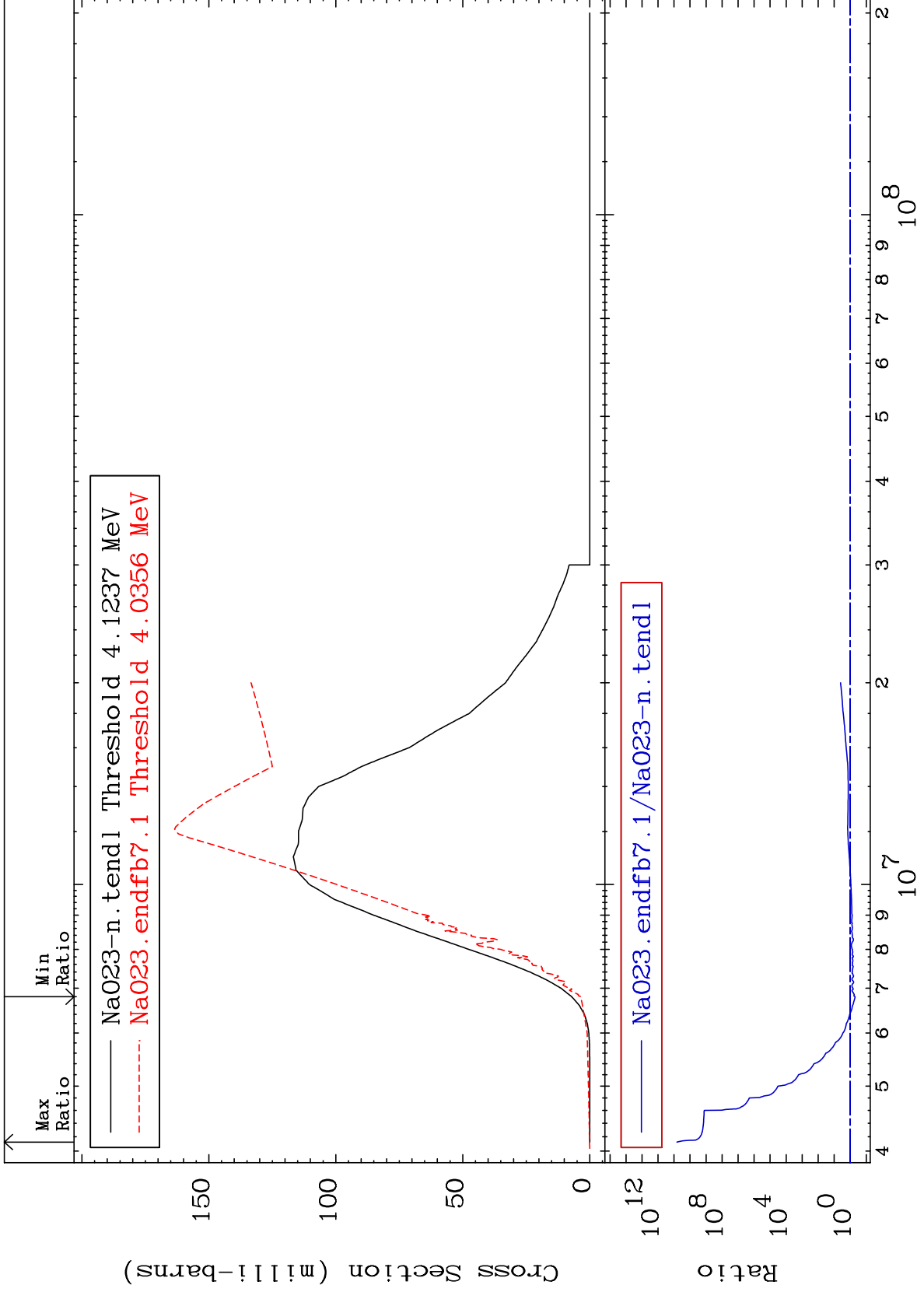
MAT 1125

(n, α)

11-Na-23

Cross Section

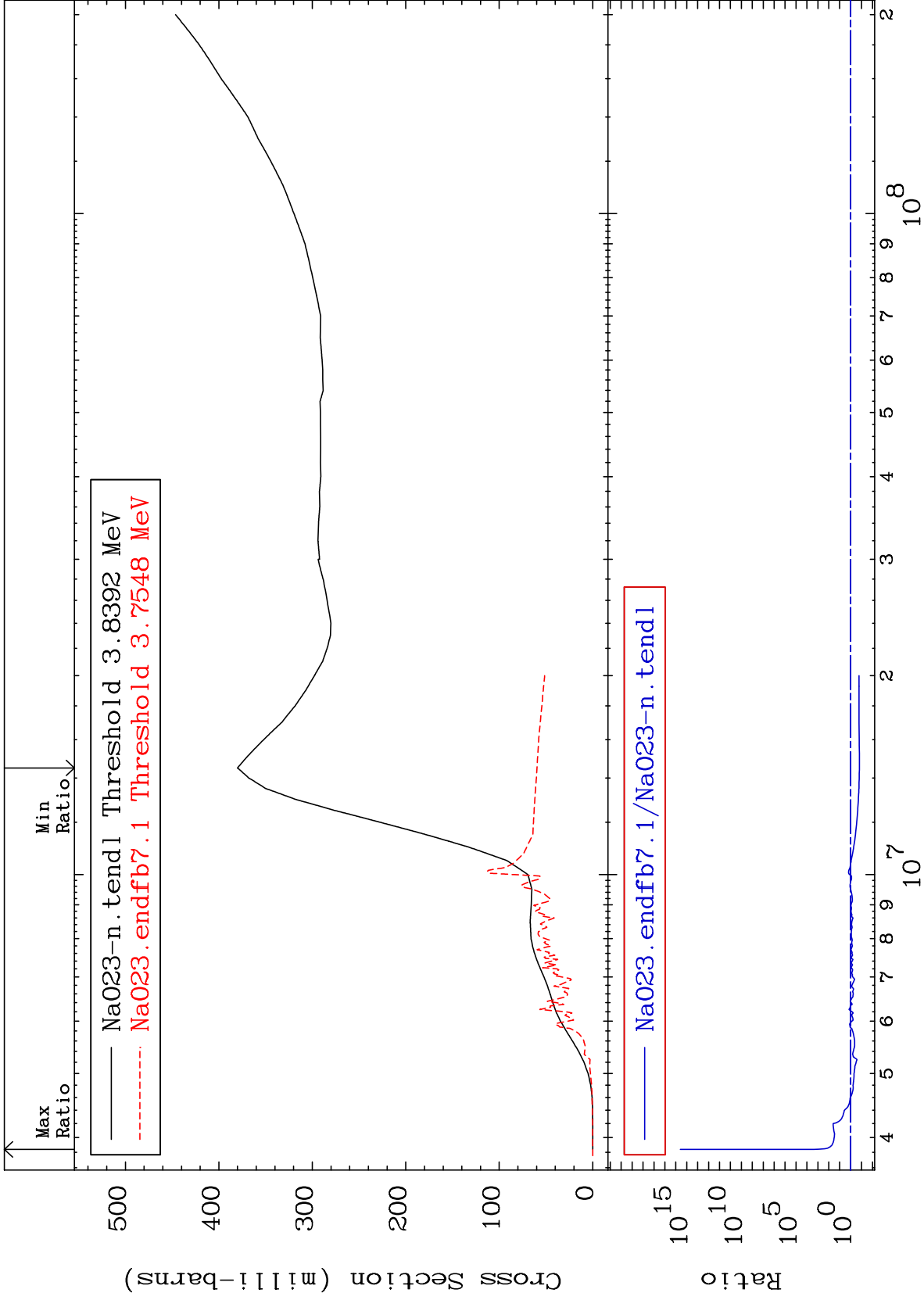
-50.65 To 9999. %



26

Incident Energy (eV)

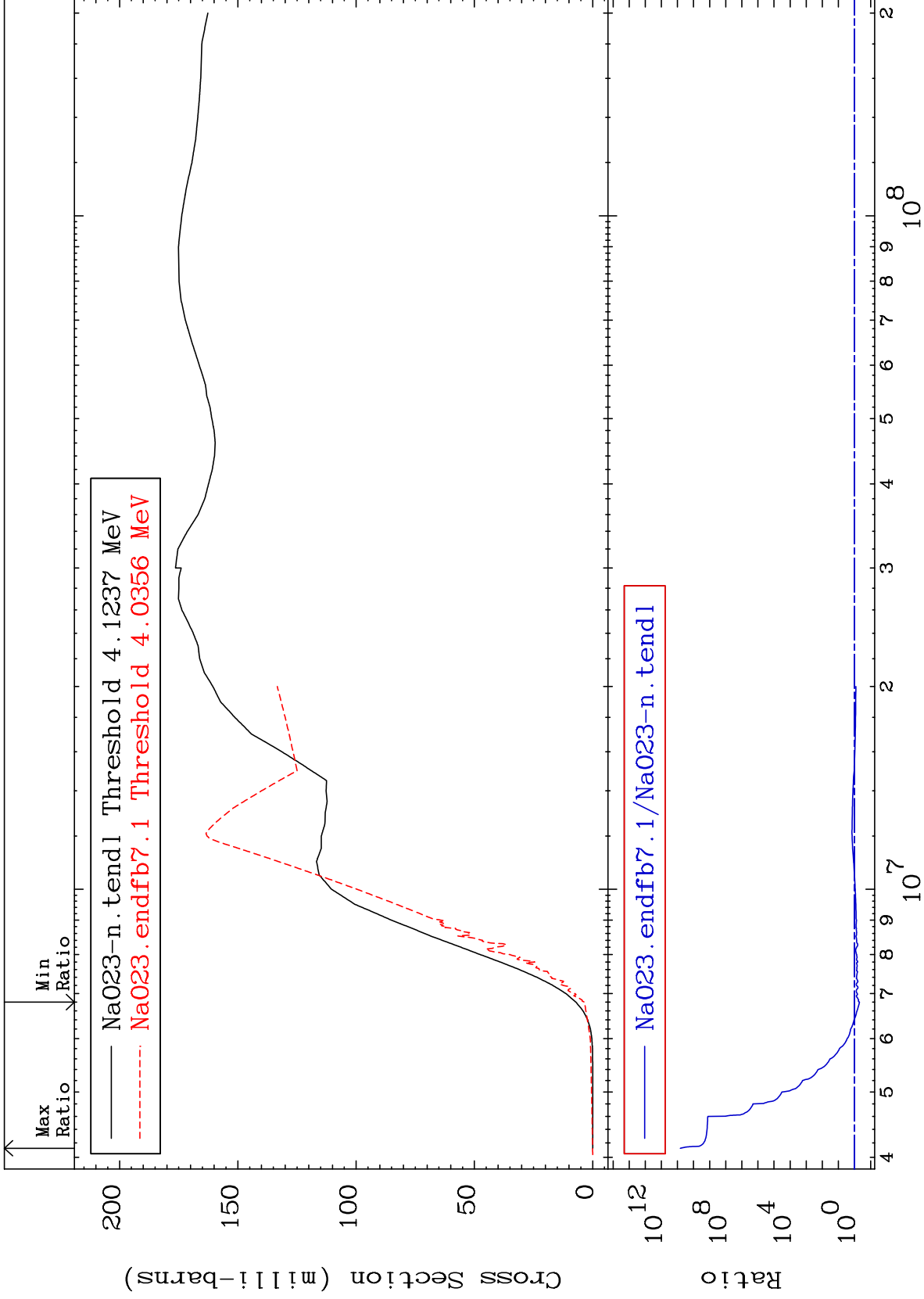
11-Na-23



MAT 1125

He-4 Production
Cross Section

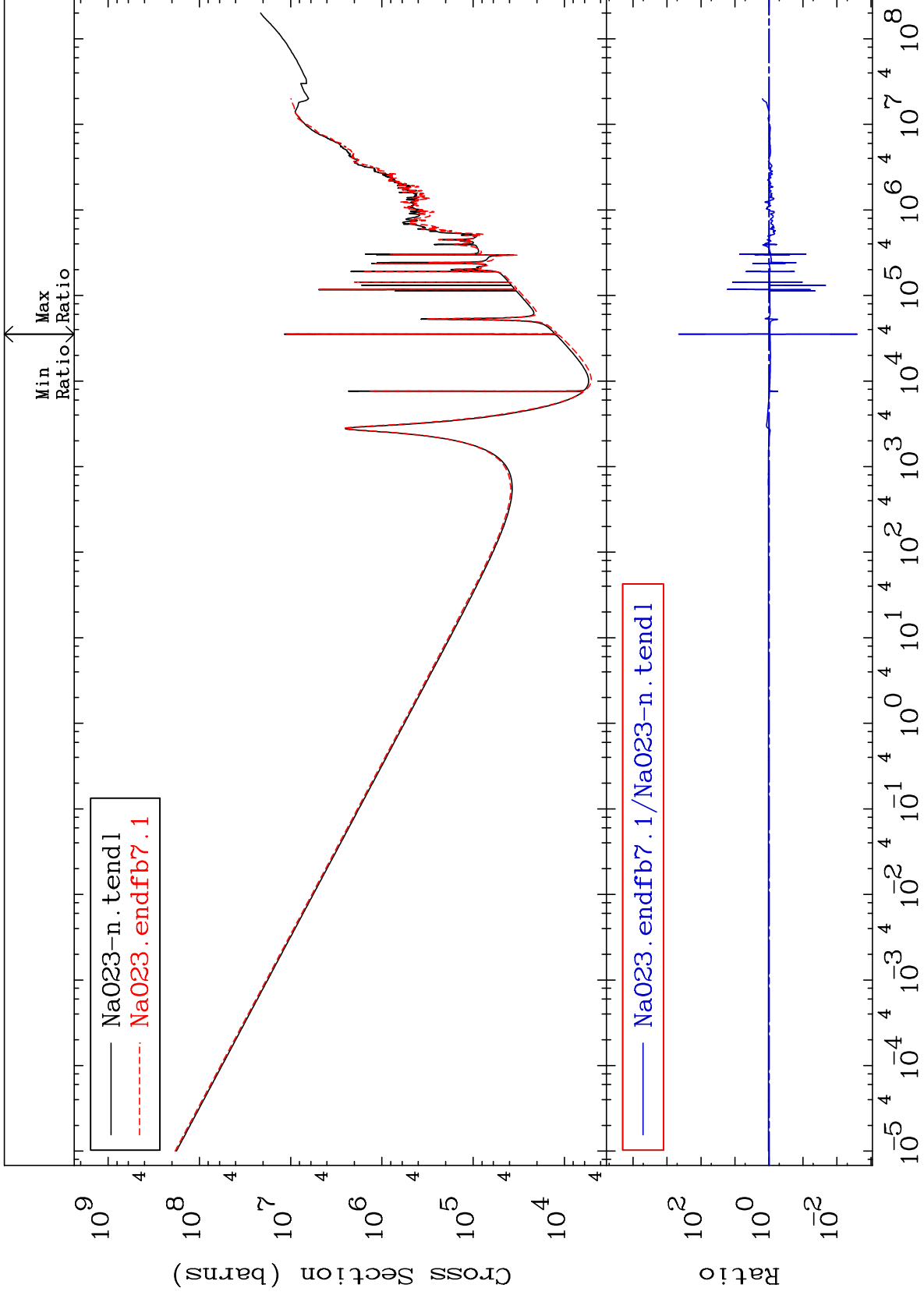
11-Na-23
-50.65 To 9999. %



28

Incident Energy (eV)

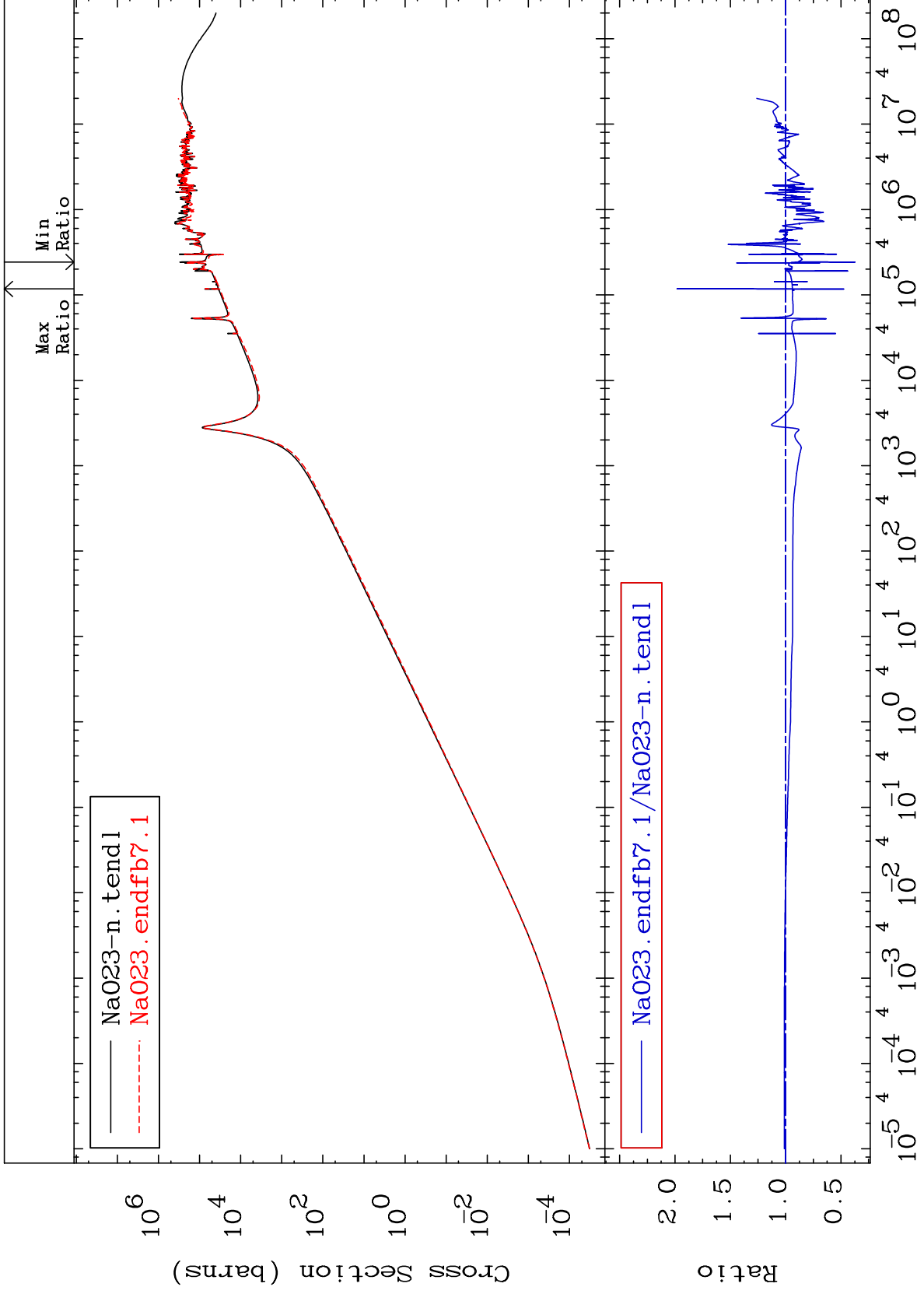
11-Na-23



MAT 1125

Kerma elastic
Cross Section

11-Na-23
-62.73 To 98.27 %



30

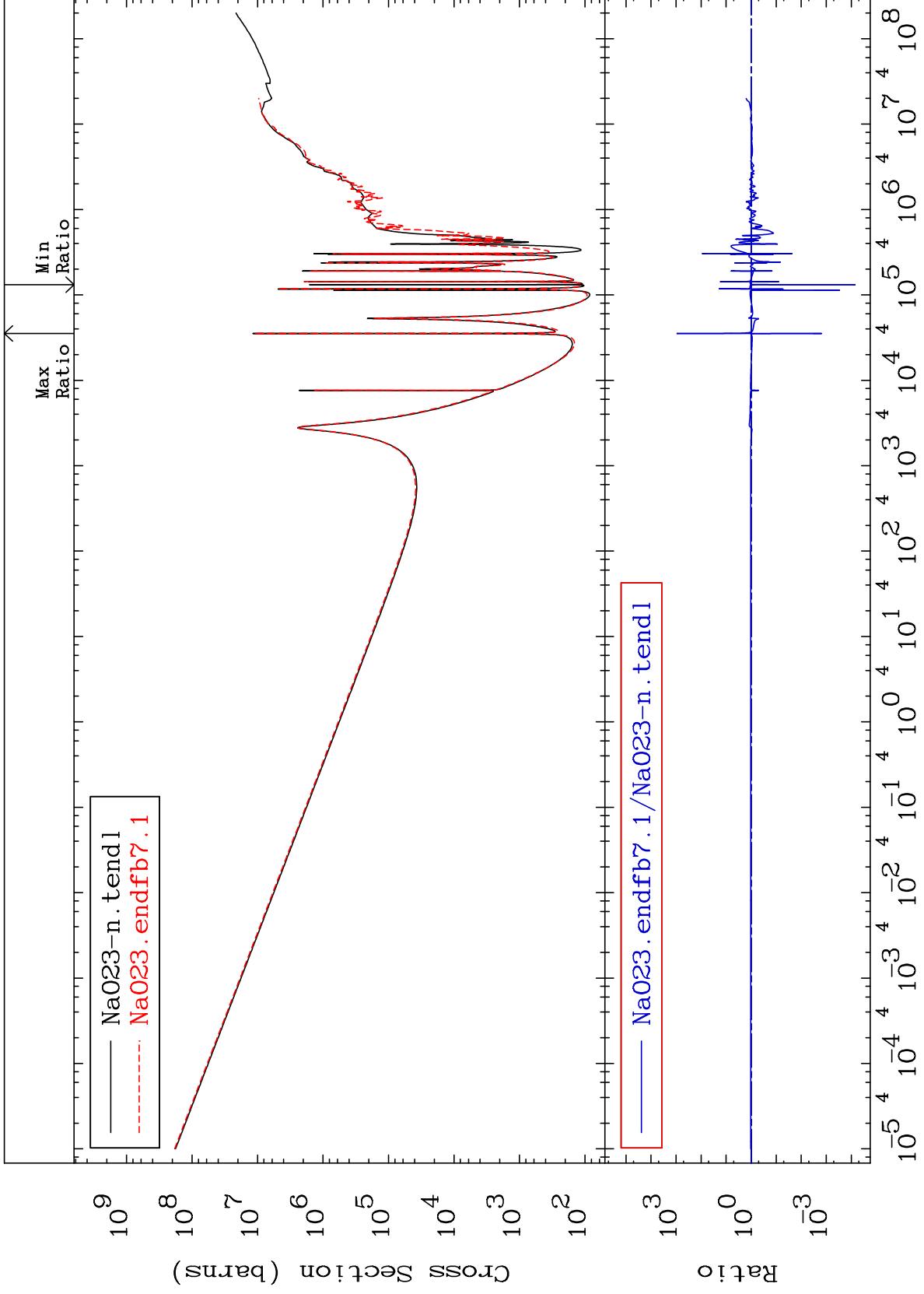
Incident Energy (eV)

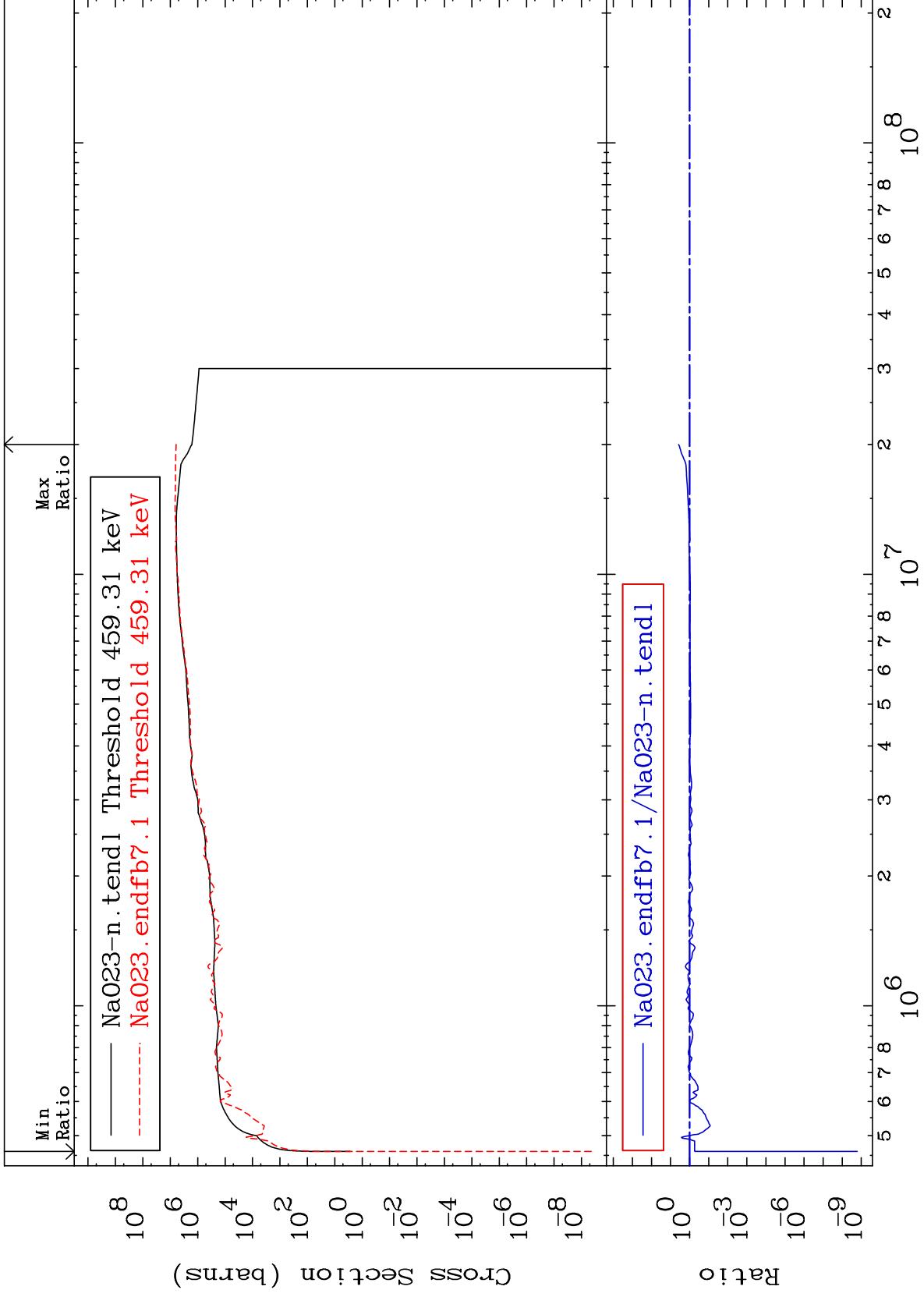
11-Na-23

MAT 1125

Kerma non-elastic (all but mt2)
Cross Section

11-Na-23
-99.99 To 9999. %

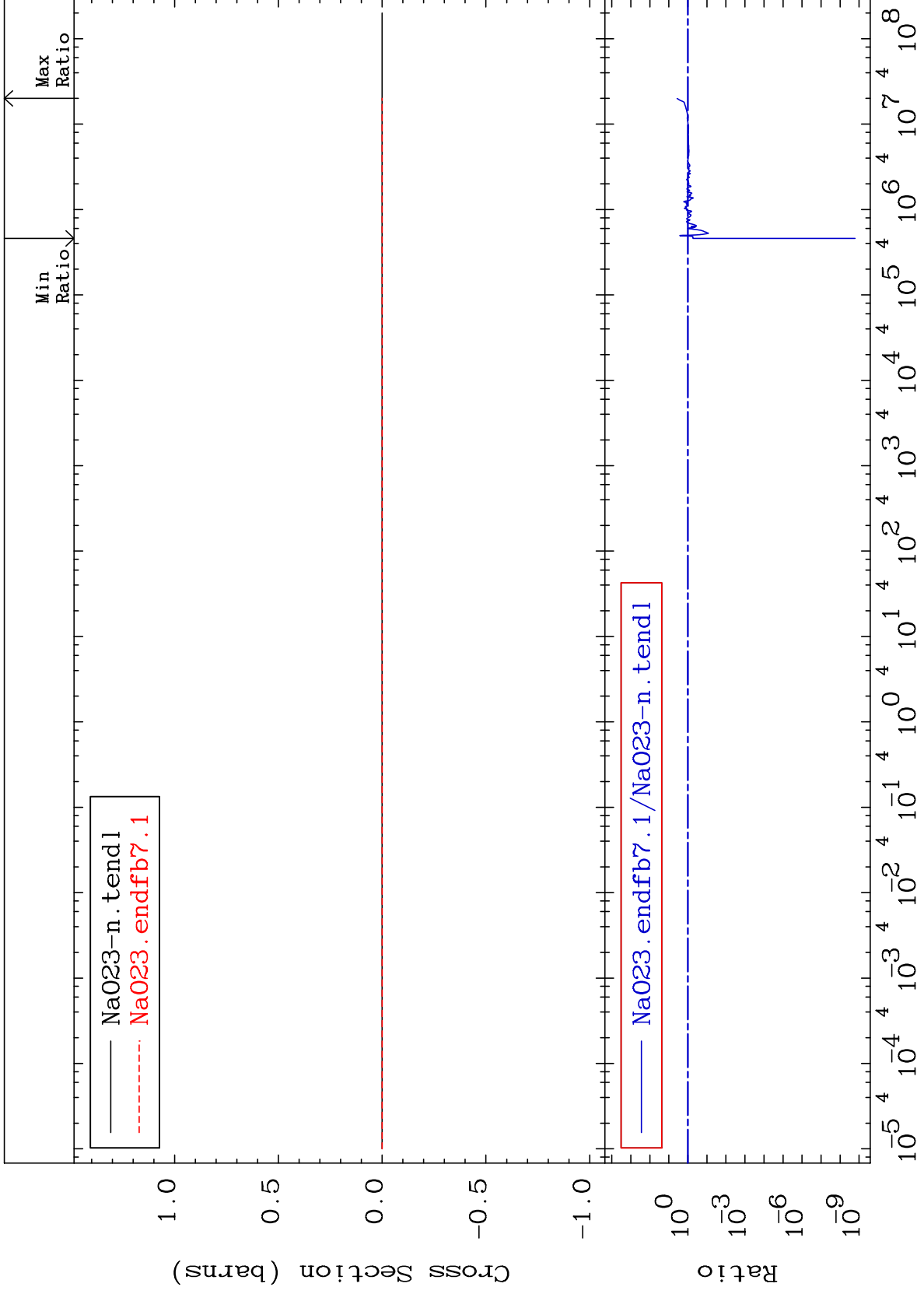


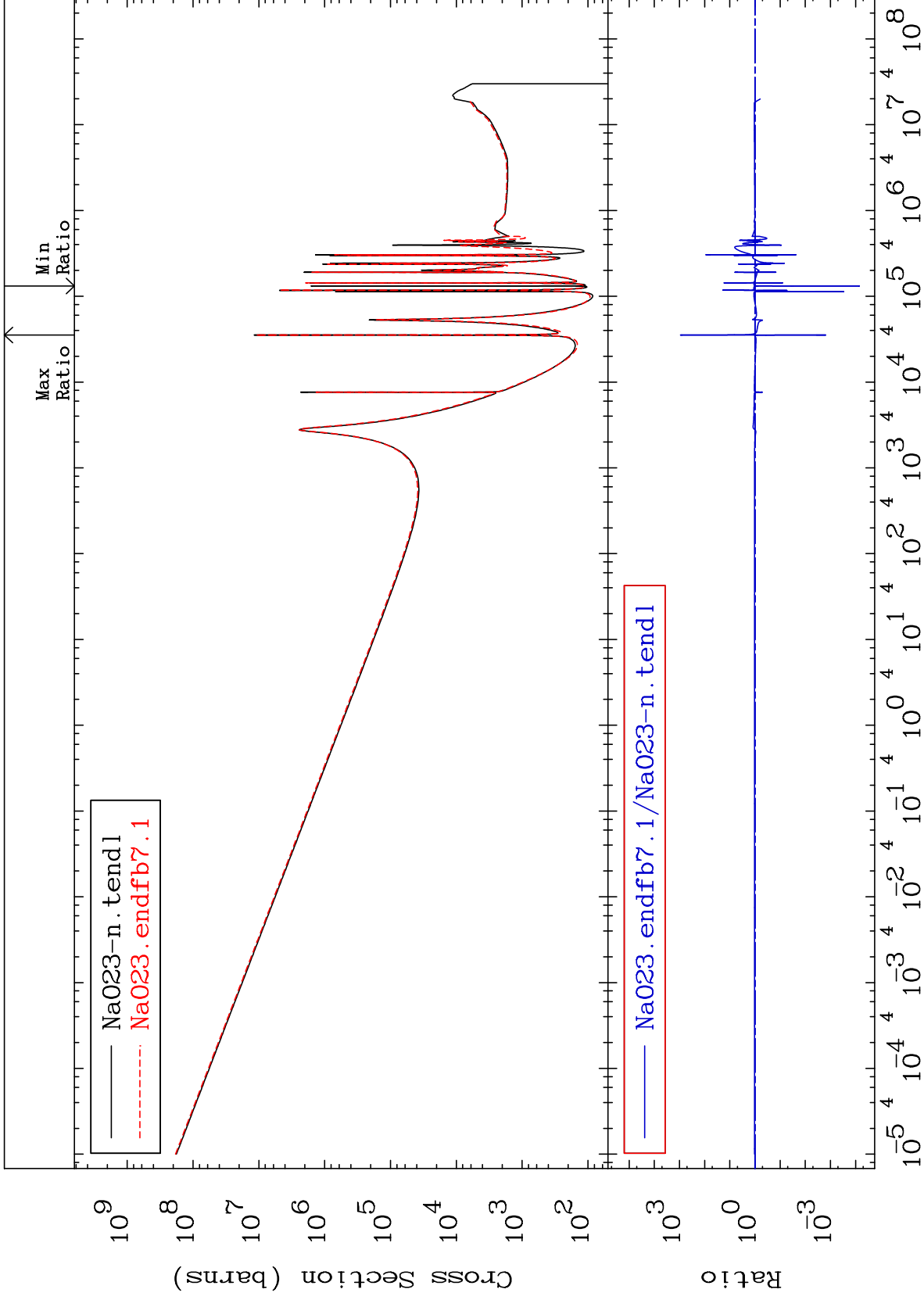


MAT 1125

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

11-Na-23
-100.0 To 276.6 %

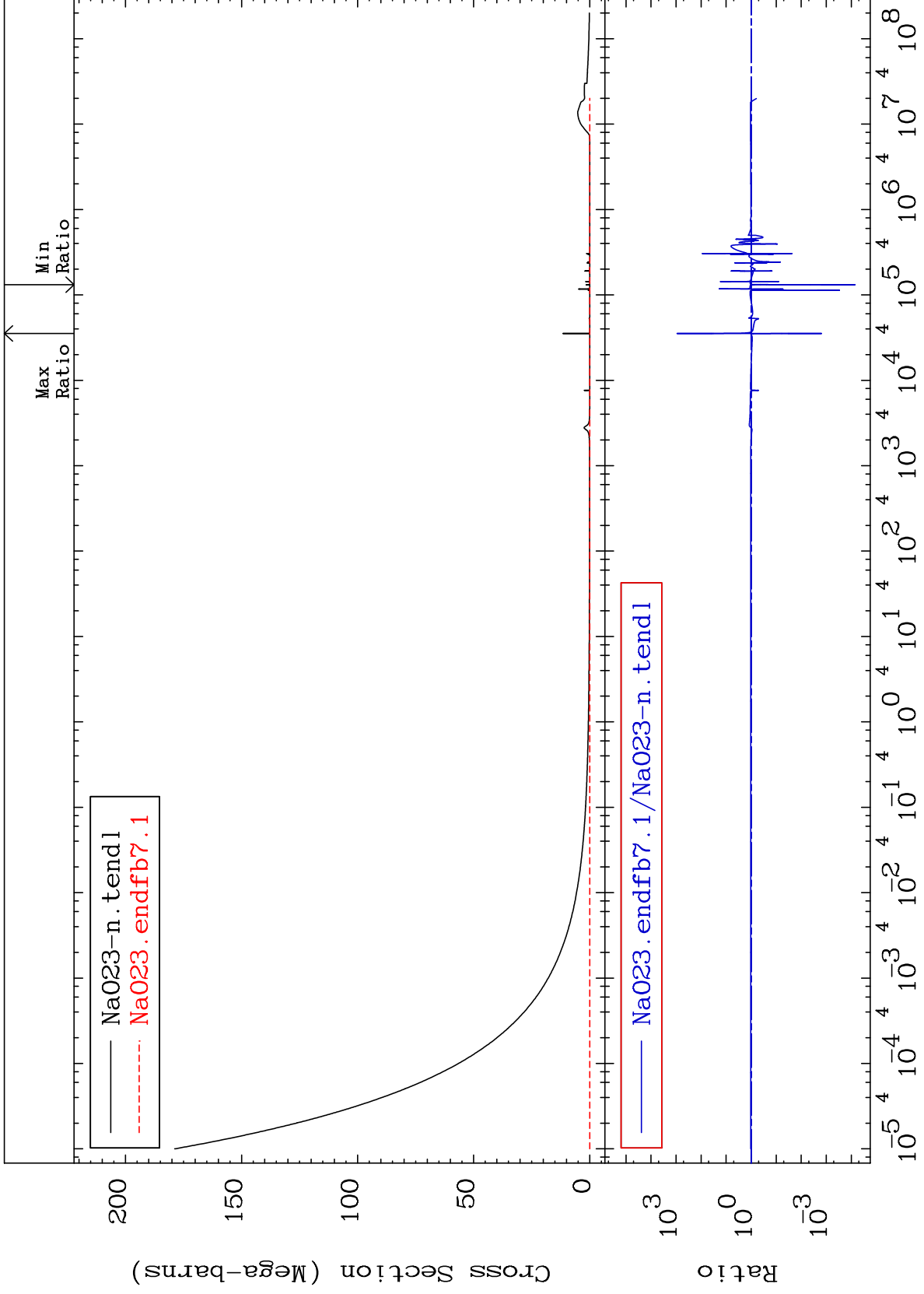




MAT 1125

Total photon (eV-barns)
Cross Section

11-Na-23
-99.99 To 9999. %



35

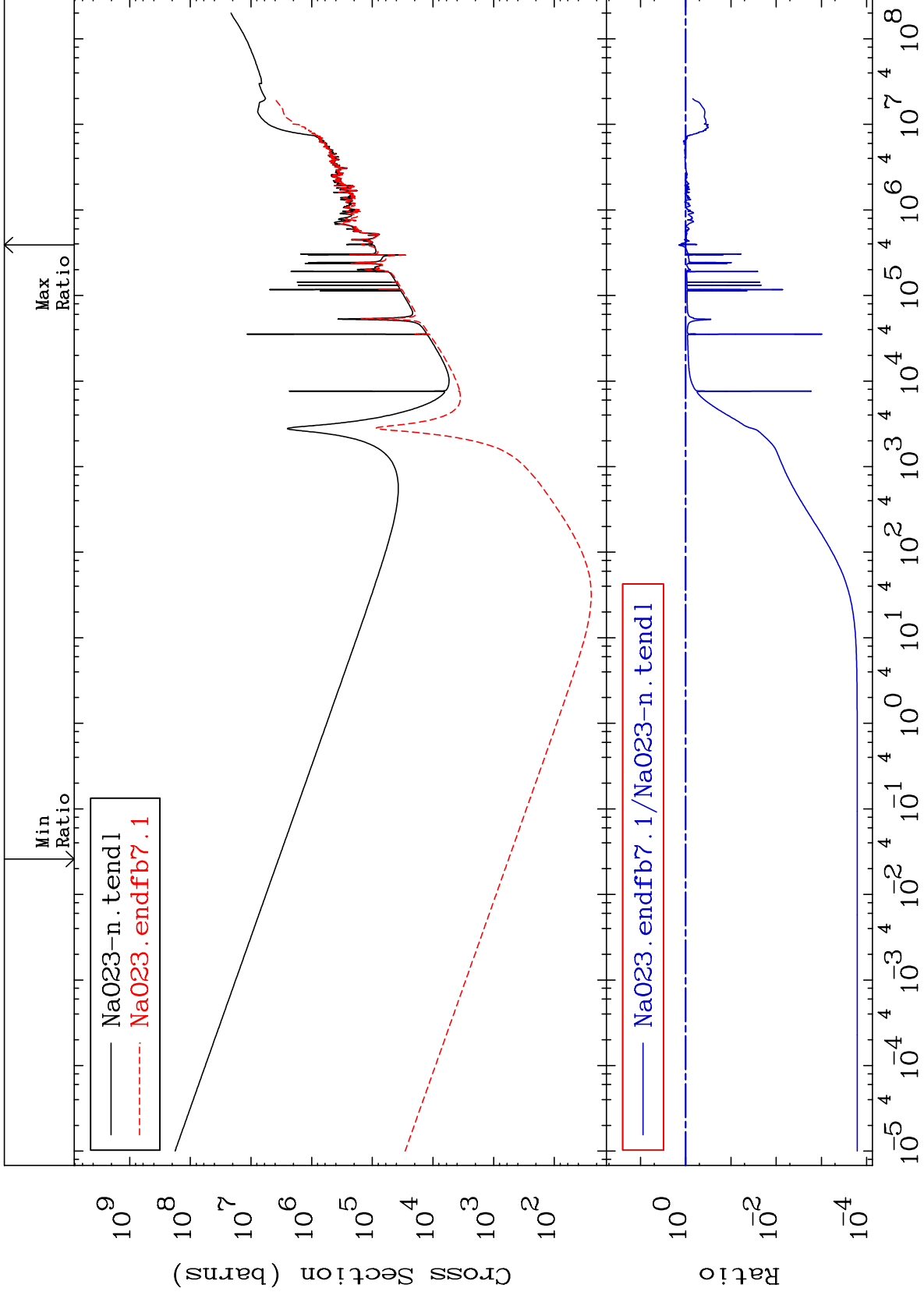
Incident Energy (eV)

11-Na-23

MAT 1125

Total kinematic kerma (high limit)
Cross Section

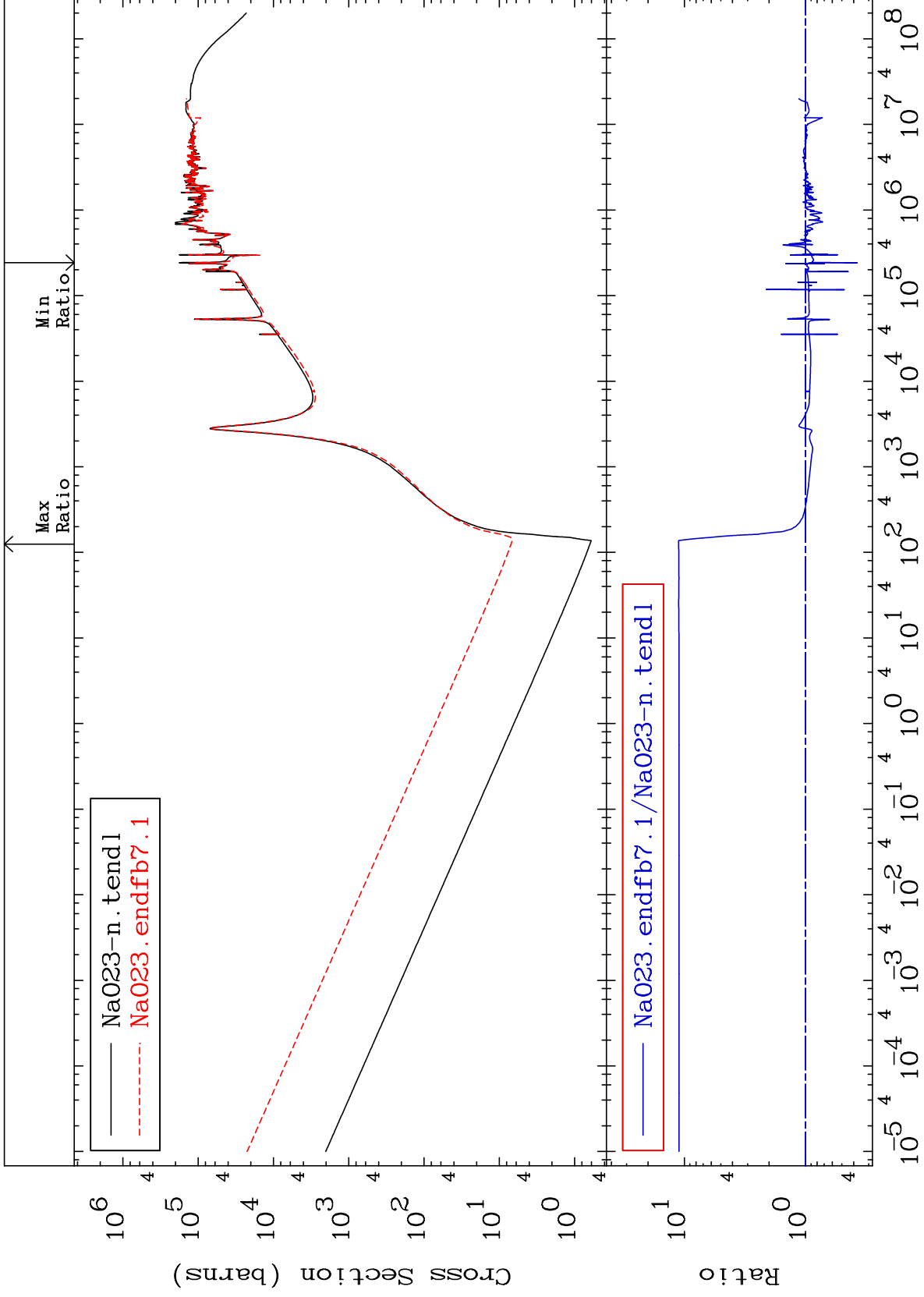
11-Na-23
-99.98 To 43.73 %

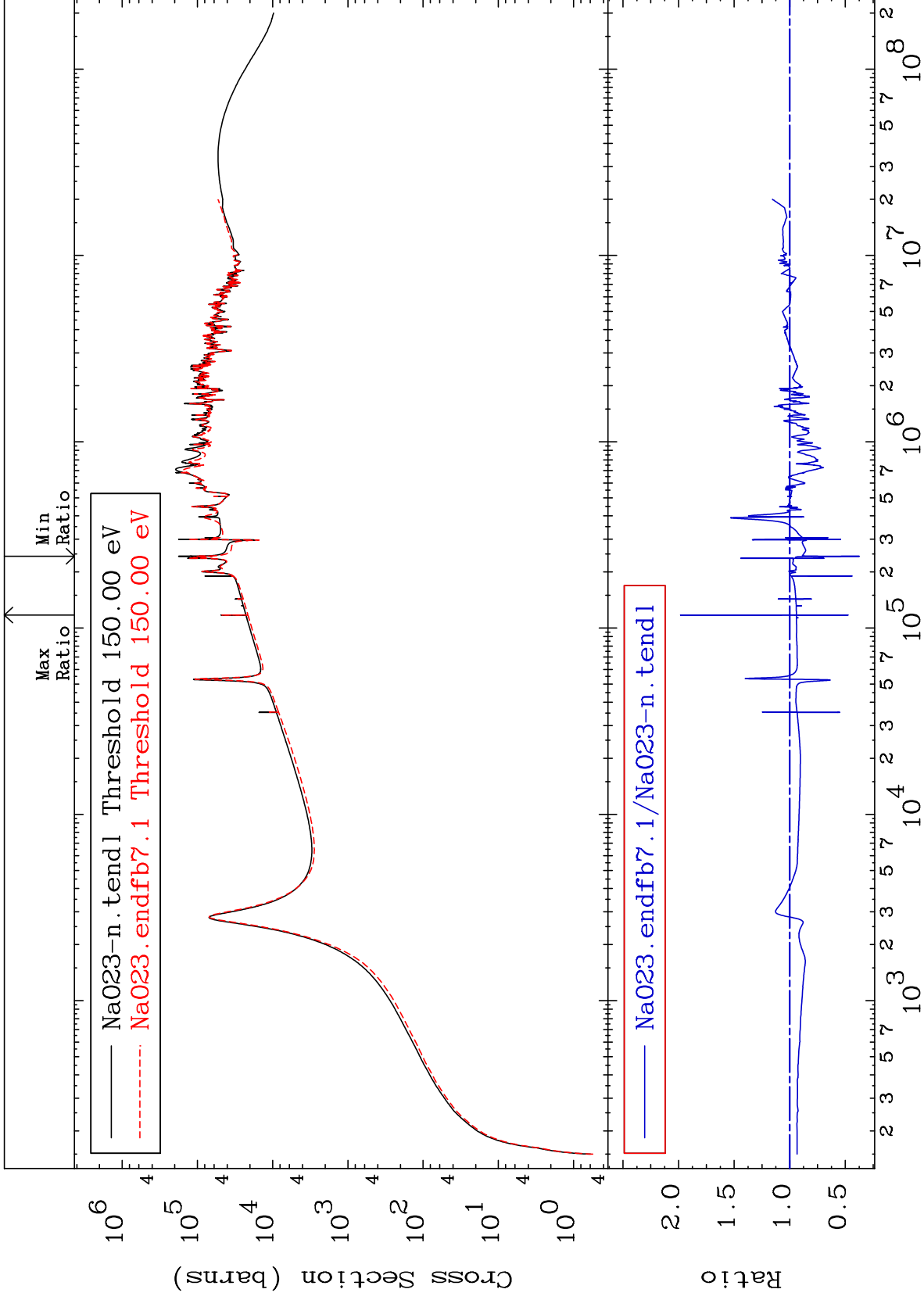


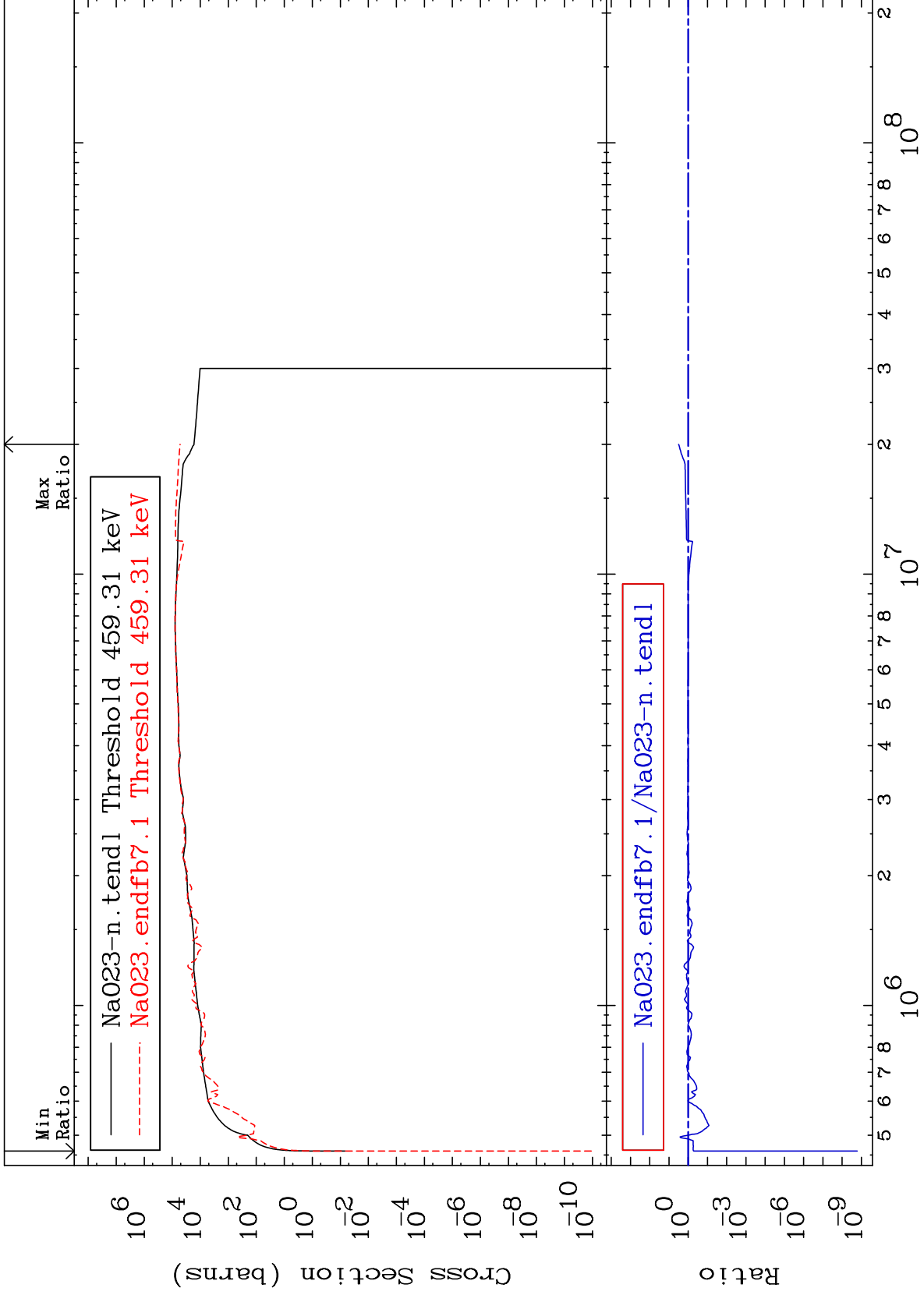
36

Incident Energy (eV)

11-Na-23



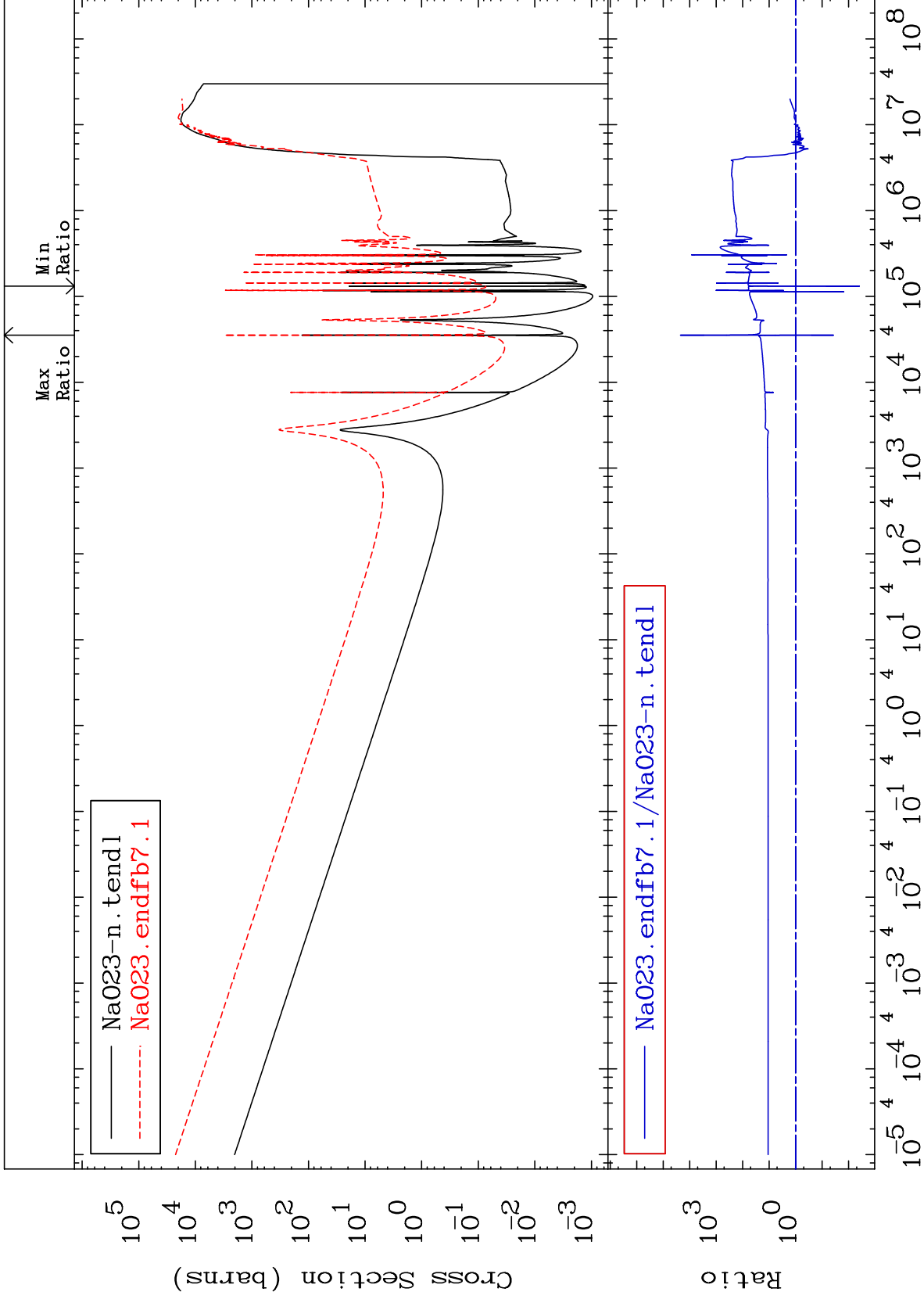




MAT 1125

Dpa disappearance (mt102 -120)
Cross Section

11-Na-23
-99.61 To 9999. %



40

Incident Energy (eV)

11-Na-23