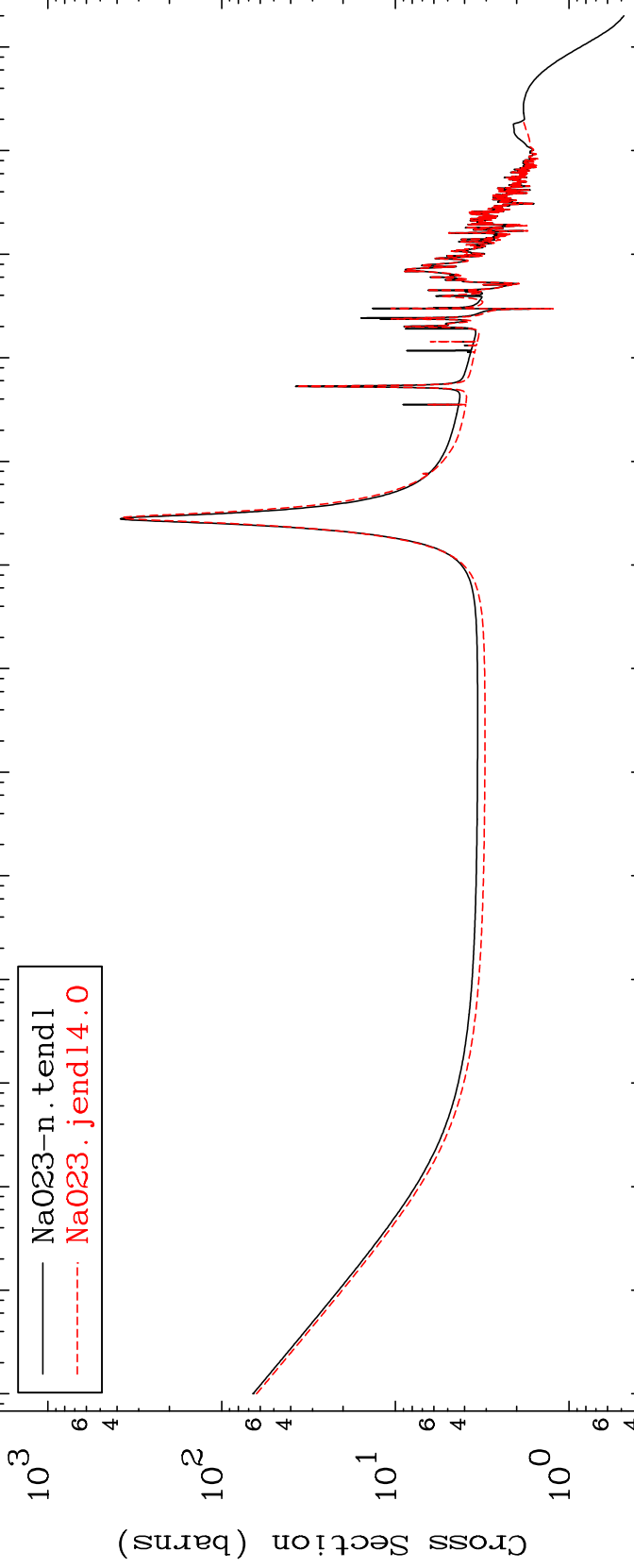


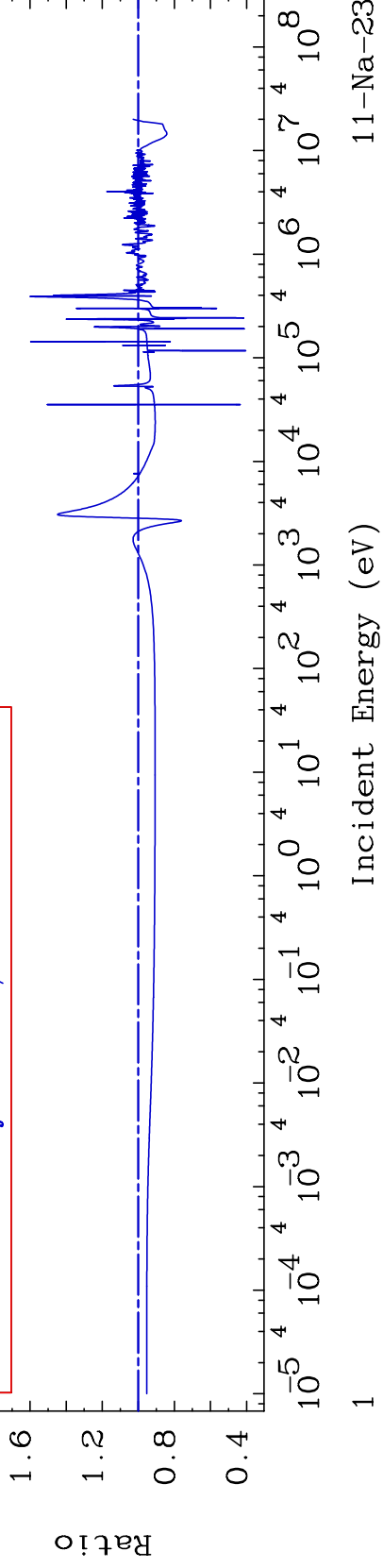
MAT 1125

Total
Cross Section

11-Na-23
-59.50 To 60.28 %



Na023.jendl4.0/Na023-n.tendl

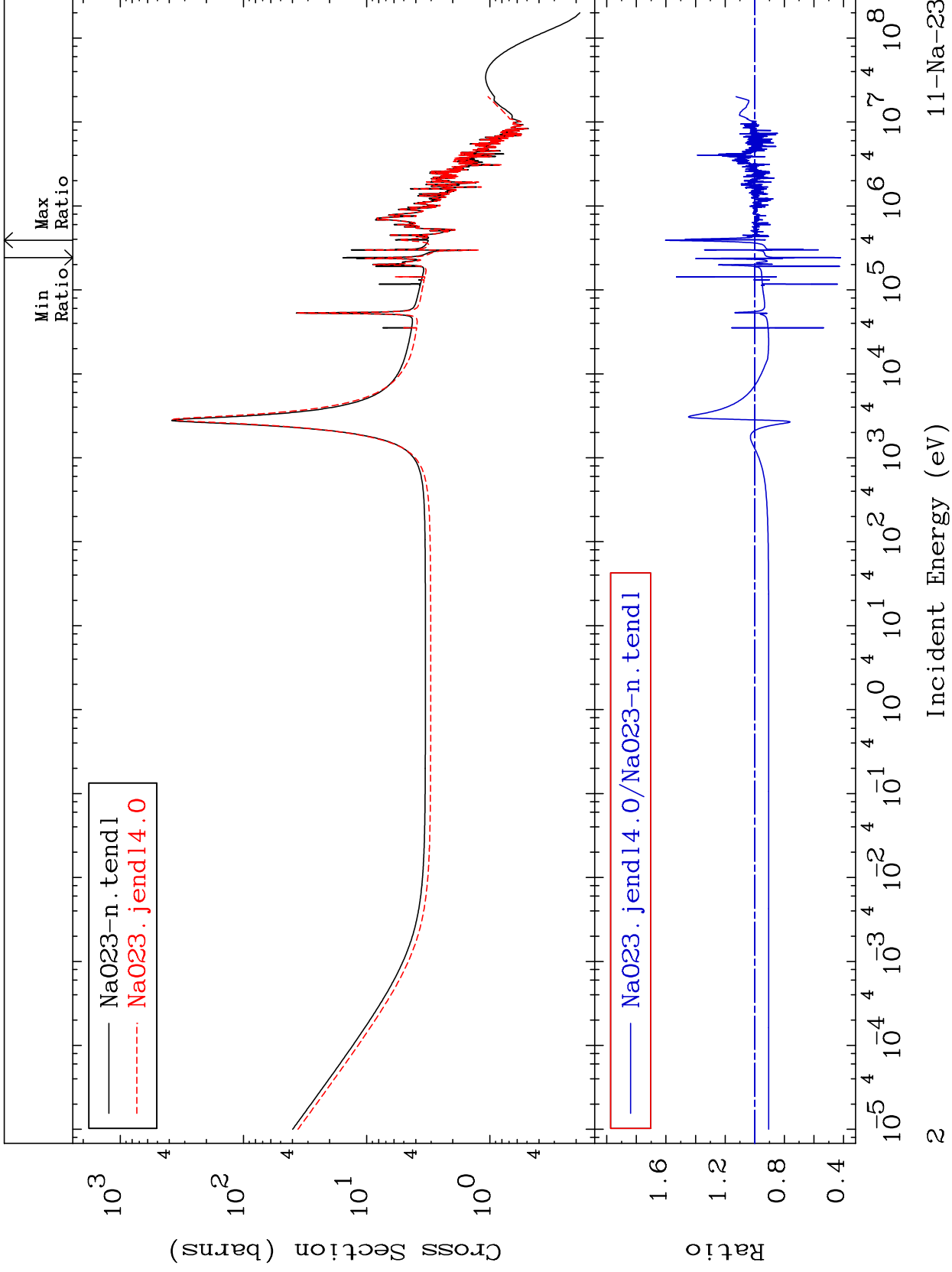


11-Na-23

MAT 1125

Elastic
Cross Section

11-Na-23
-58.06 To 60.31 %

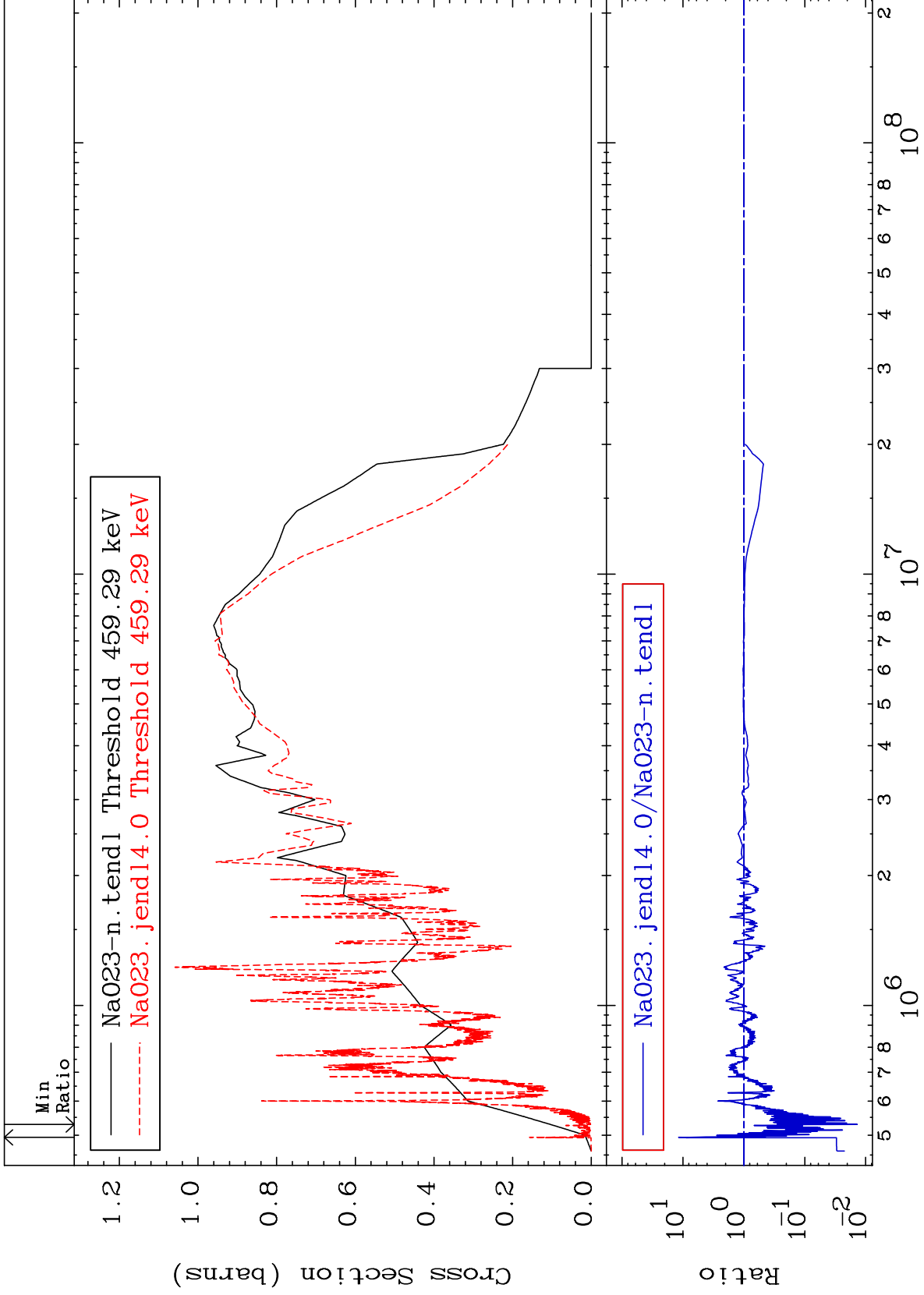


11-Na-23

MAT 1125

Inelastic
Cross Section

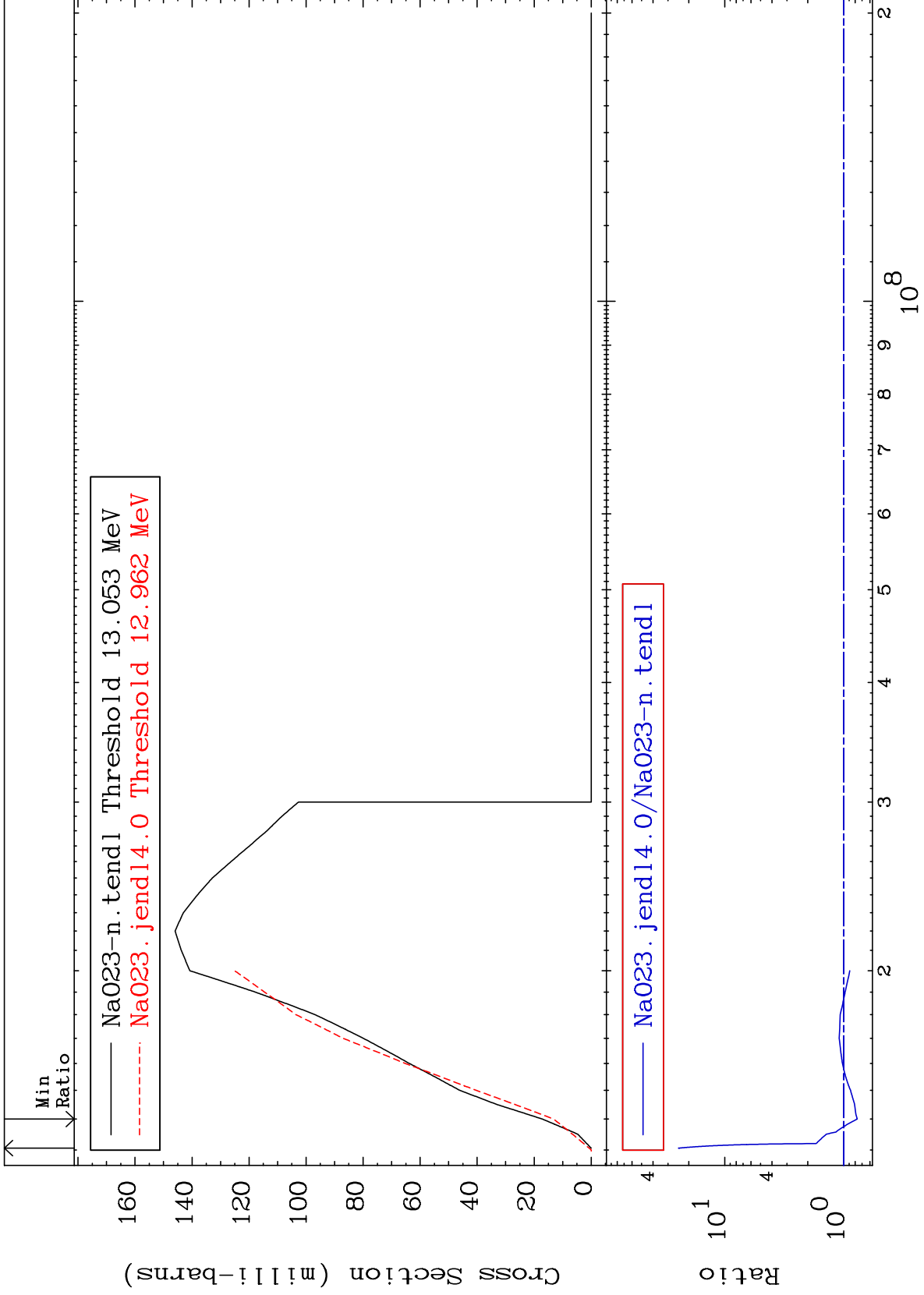
11-Na-23
-98.63 To 1076. %



MAT 1125

(n,2n)
Cross Section

11-Na-23
-23.17 To 2338. %



4

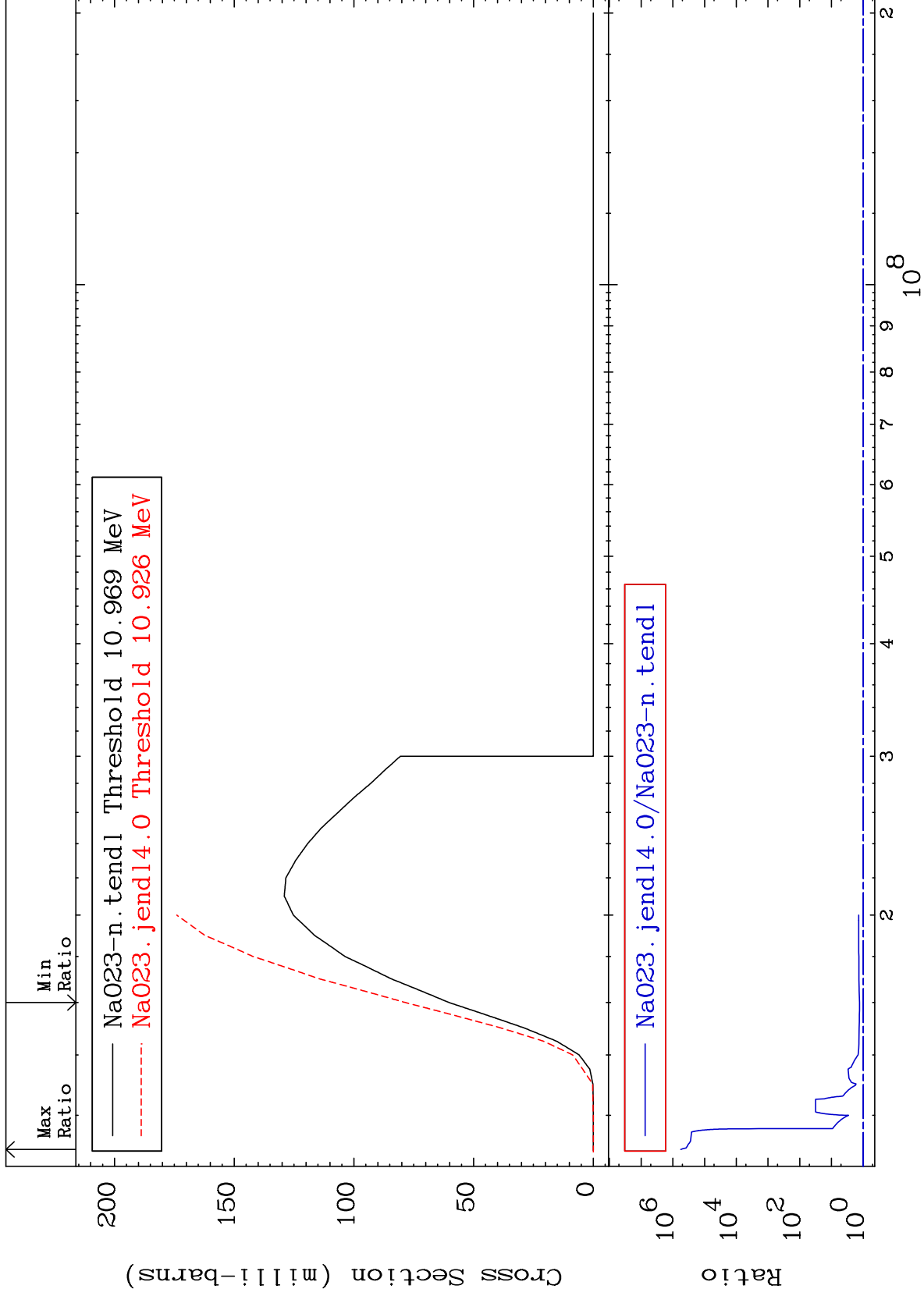
Incident Energy (eV)

11-Na-23

MAT 1125

(n,n') α
Cross Section

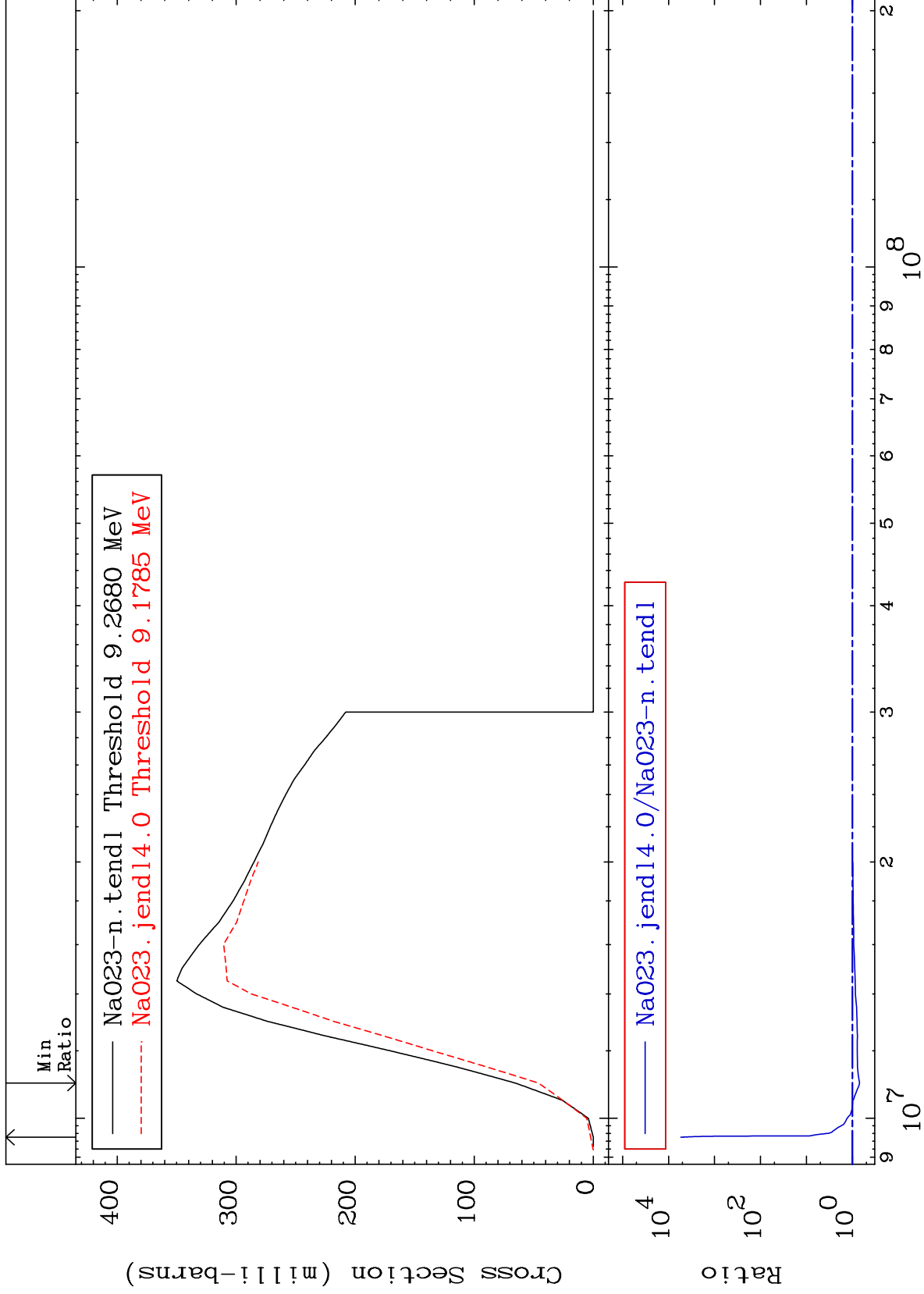
11-Na-23
30.24 To 9999. %



MAT 1125

(n, n') p
Cross Section

11-Na-23
-29.65 To 9999. %

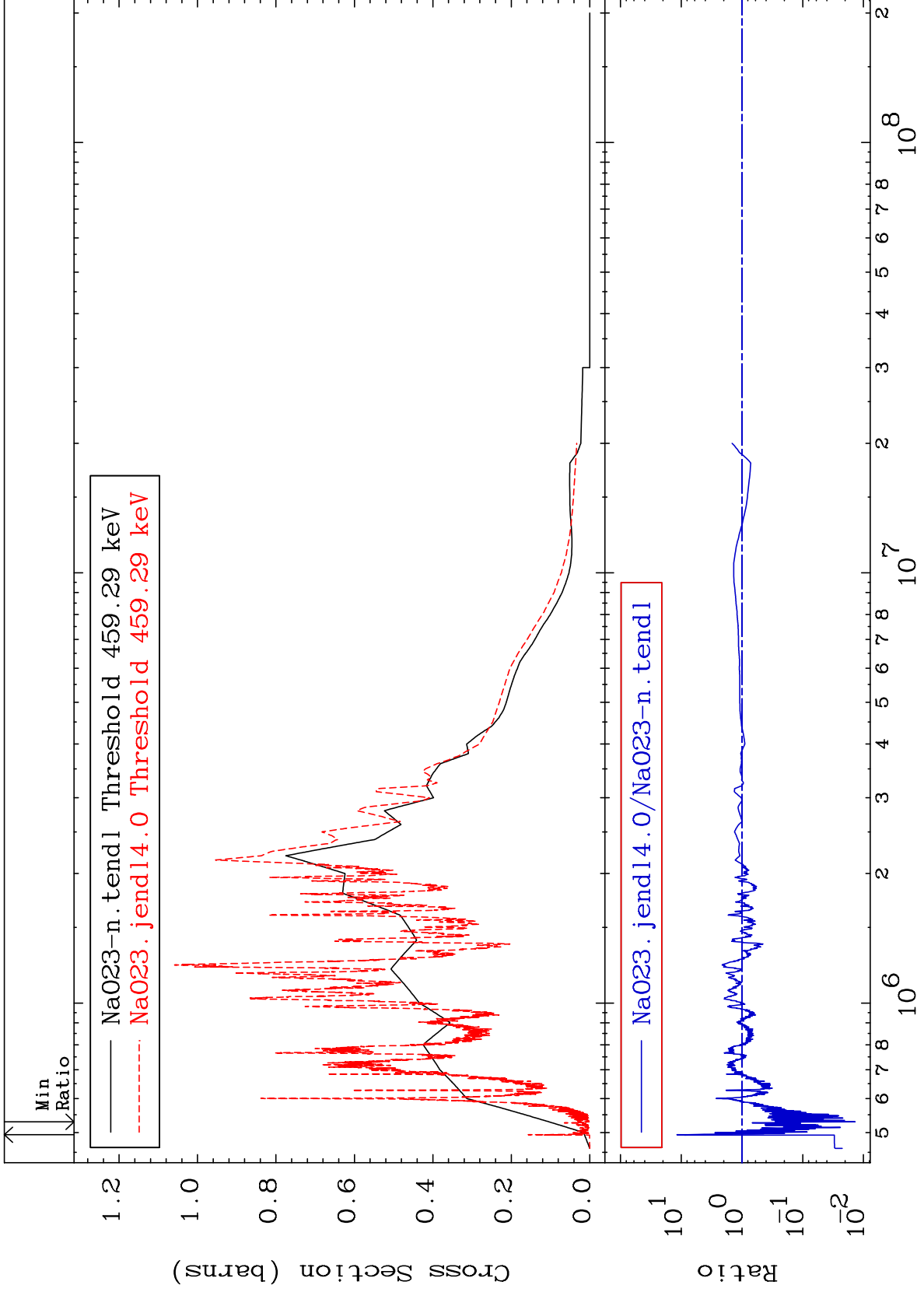


11-Na-23

MAT 1125

440.0 keV (n,n') Level
Cross Section

11-Na-23
-98.63 To 1076. %



7

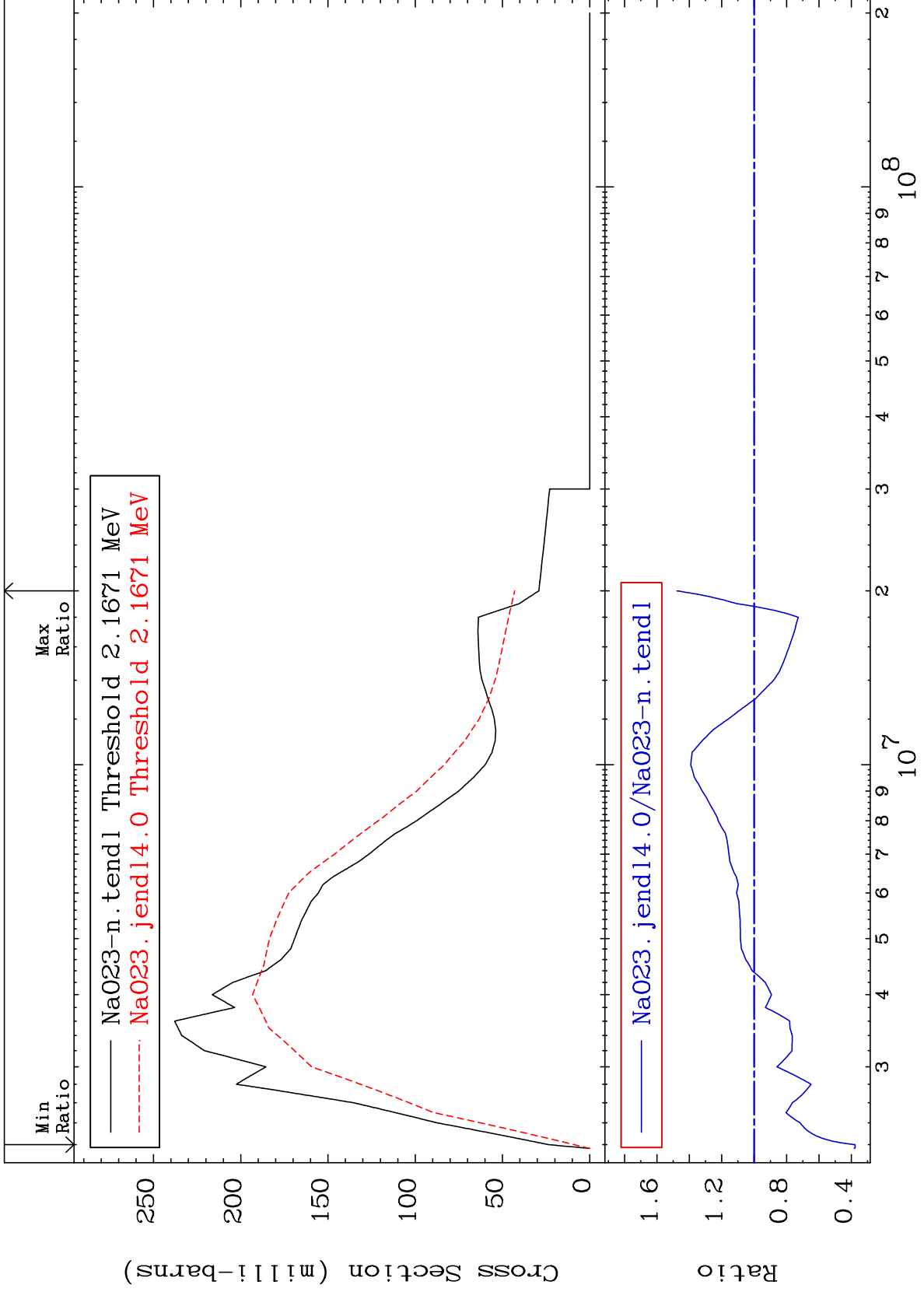
Incident Energy (eV)

11-Na-23

MAT 1125

2.076 MeV (n,n') Level
Cross Section

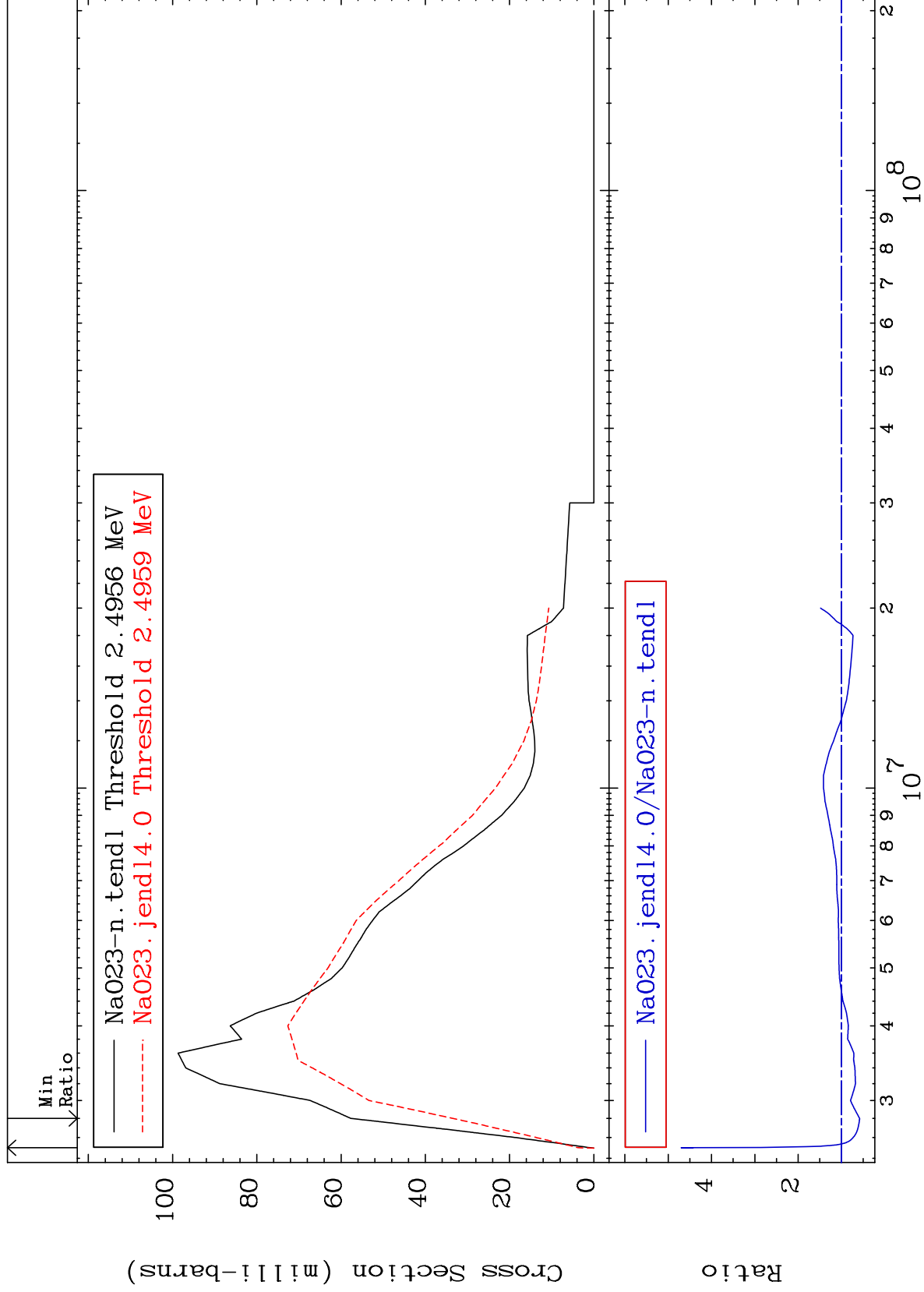
11-Na-23
-62.33 To 47.69 %



MAT 1125

2.391 MeV (n,n') Level
Cross Section

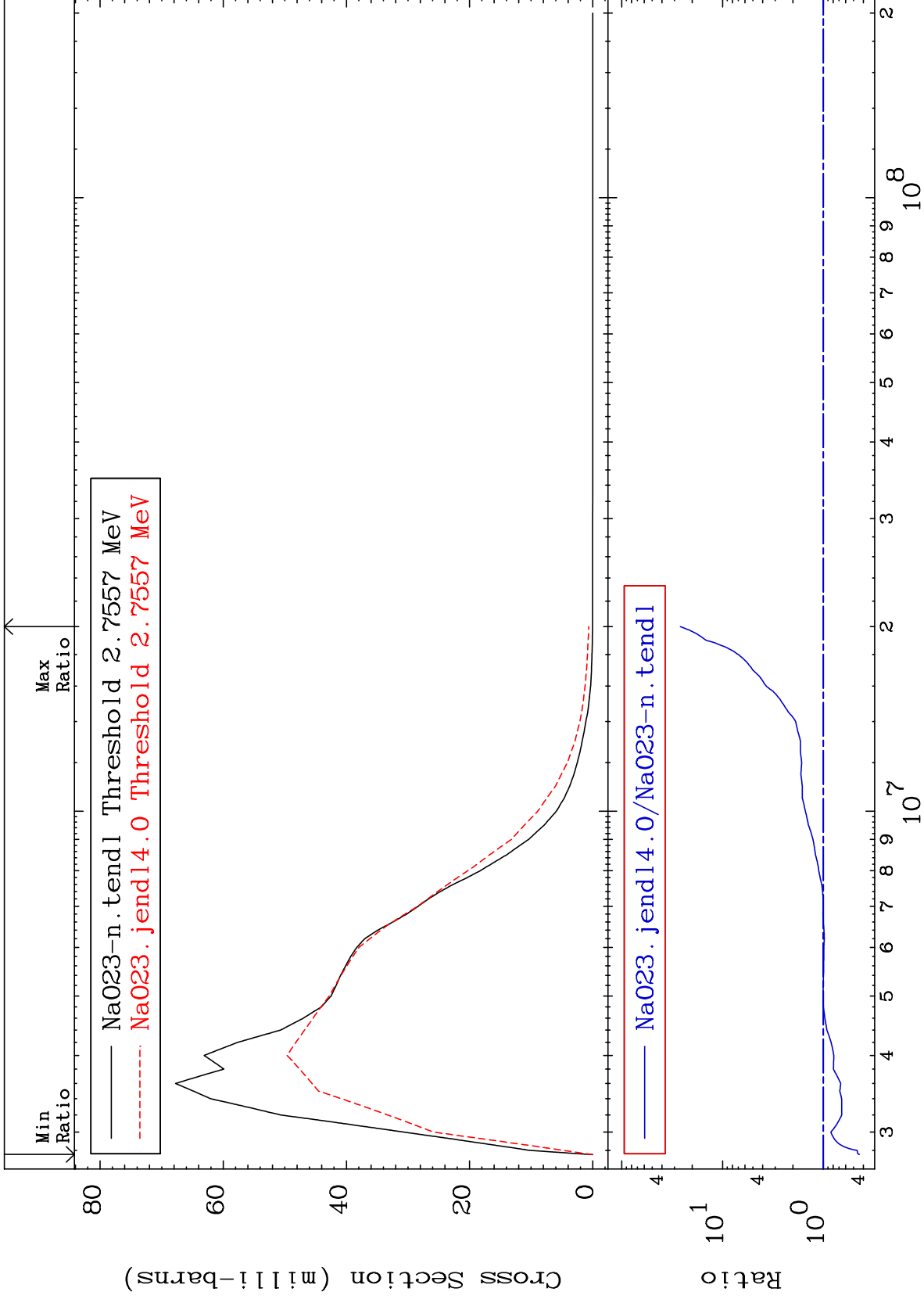
11-Na-23
-41.98 To 370.0 %



MAT 1125

2.640 MeV (n,n') Level
Cross Section

11-Na-23
-56.15 To 2524. %



10

Incident Energy (eV)

11-Na-23

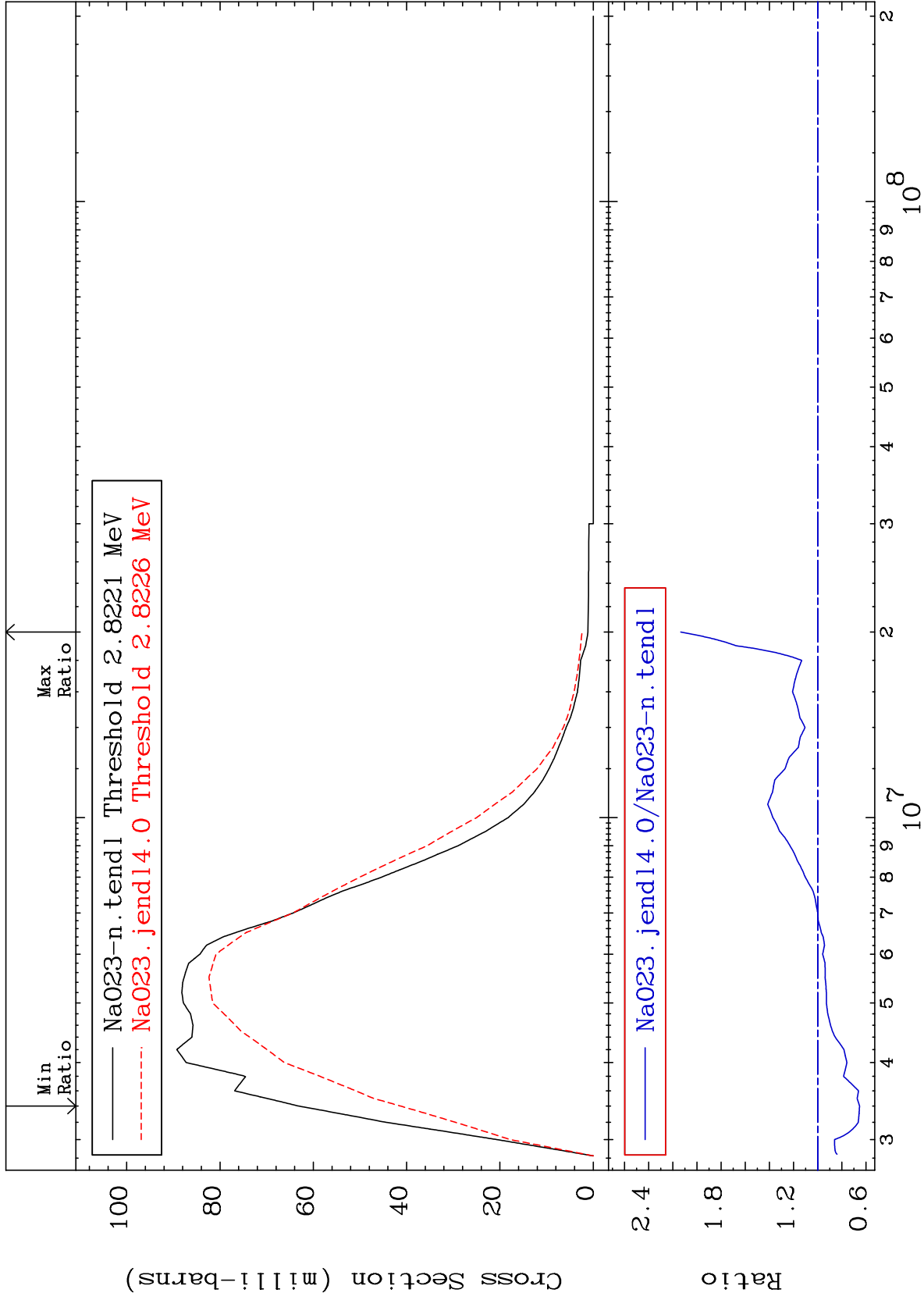
MAT 1125

2.704 MeV (n,n') Level

11-Na-23

-34.61 To 113.4 %

Cross Section



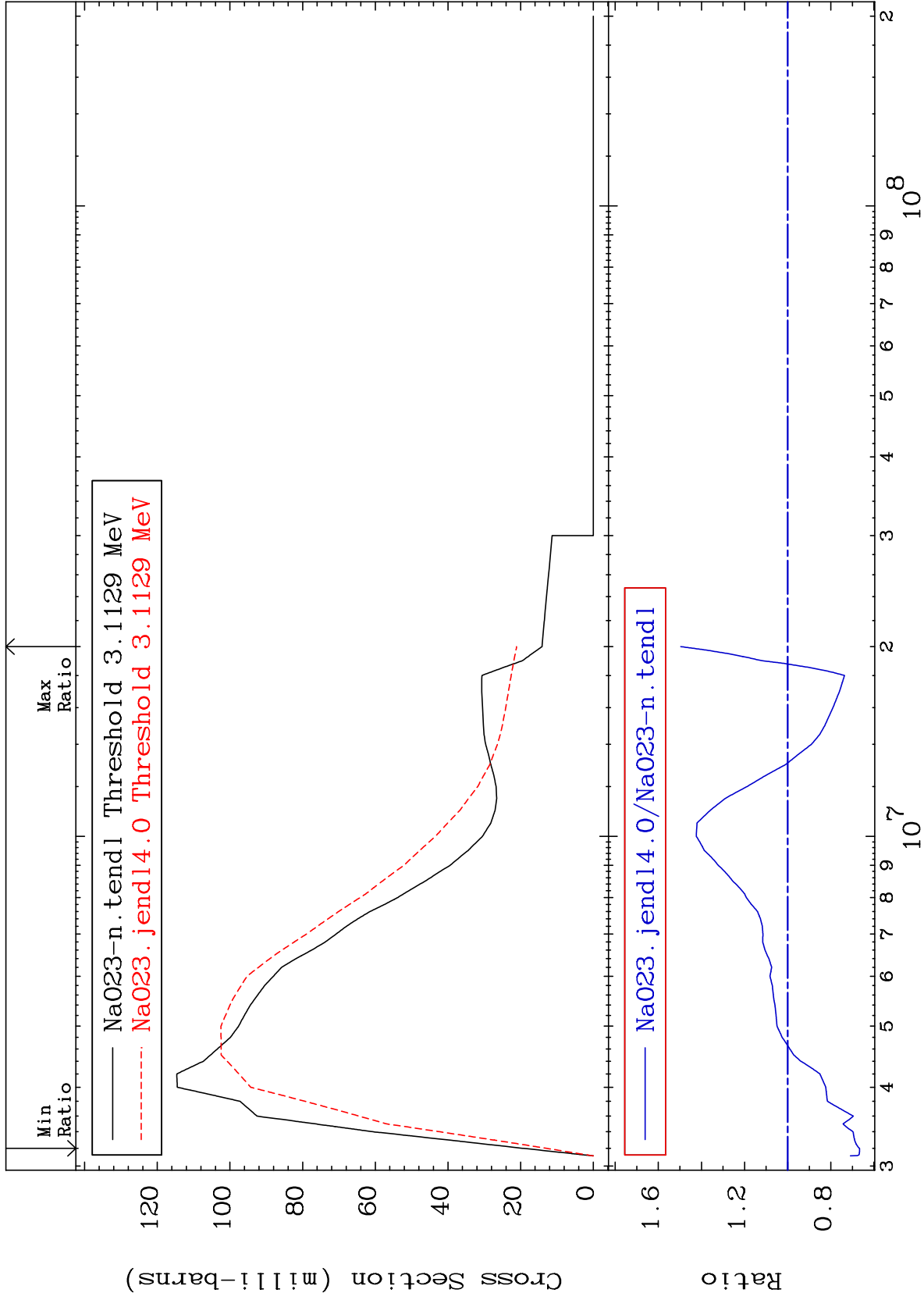
MAT 1125

2.982 MeV (n,n') Level

11-Na-23

-33.30 To 49.59 %

Cross Section



12

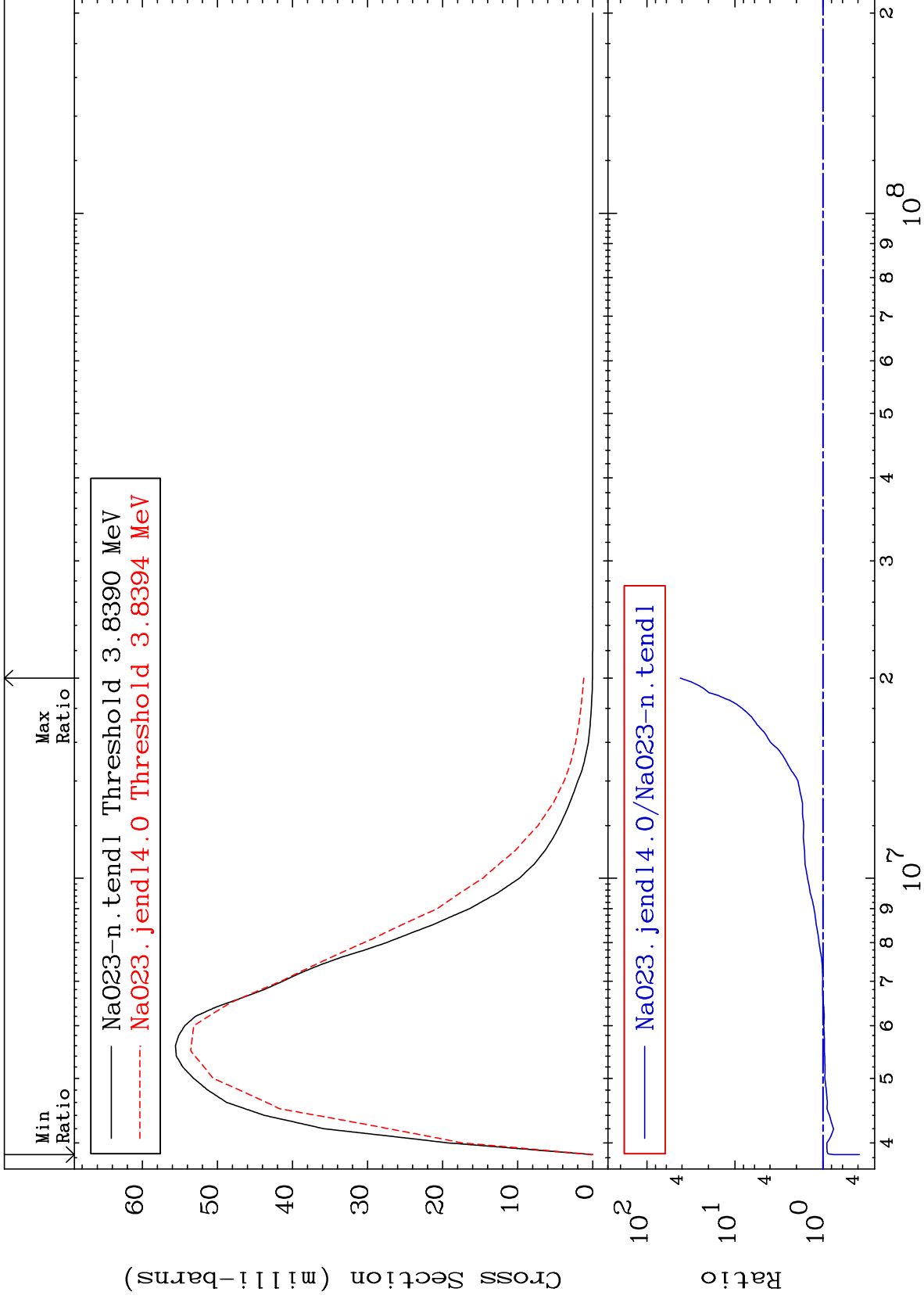
Incident Energy (eV)

11-Na-23

MAT 1125

3.678 MeV (n,n') Level
Cross Section

11-Na-23
-61.47 To 4066. %



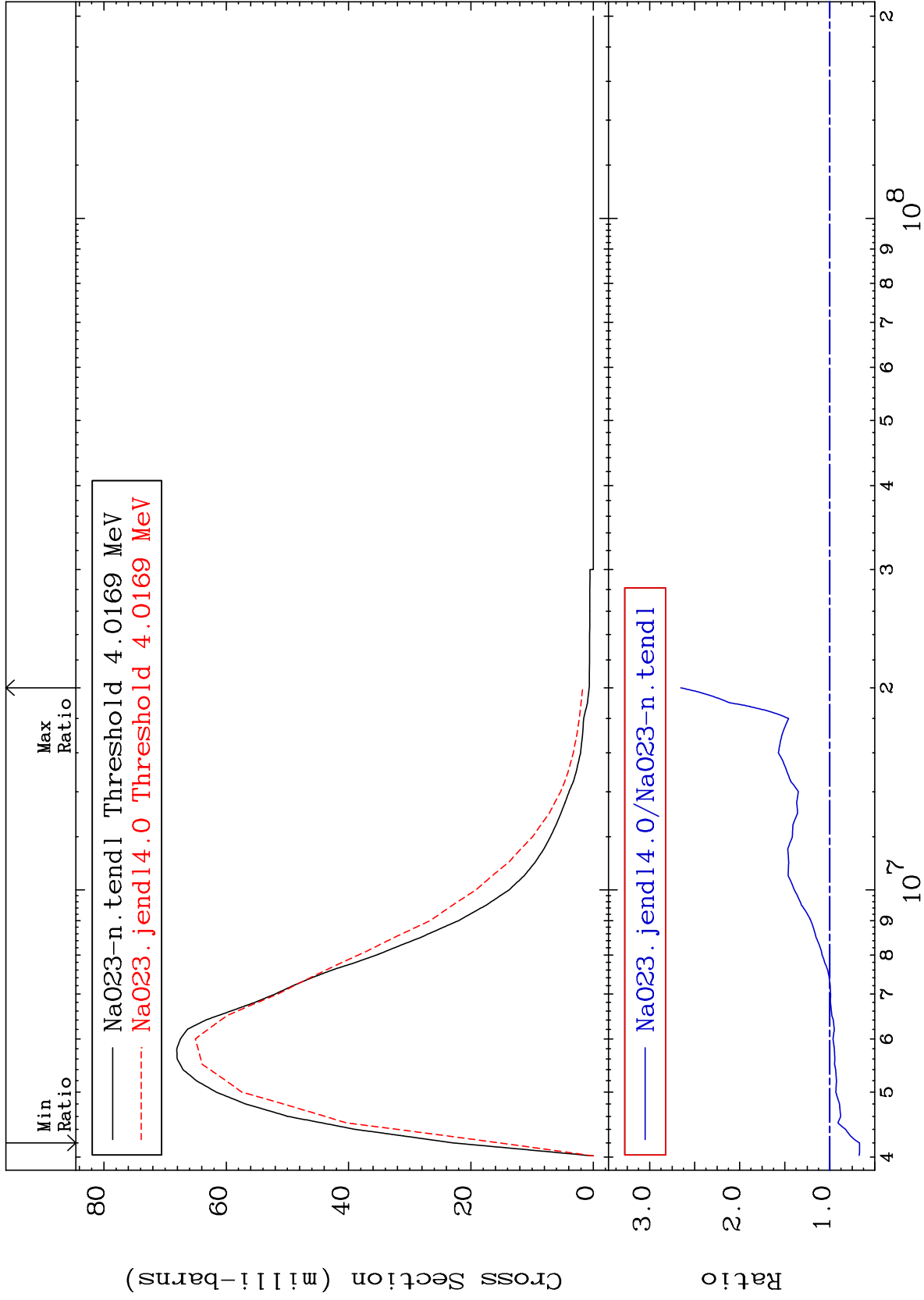
MAT 1125

3.848 MeV (n,n') Level

11-Na-23

-33.11 To 165.5 %

Cross Section



14

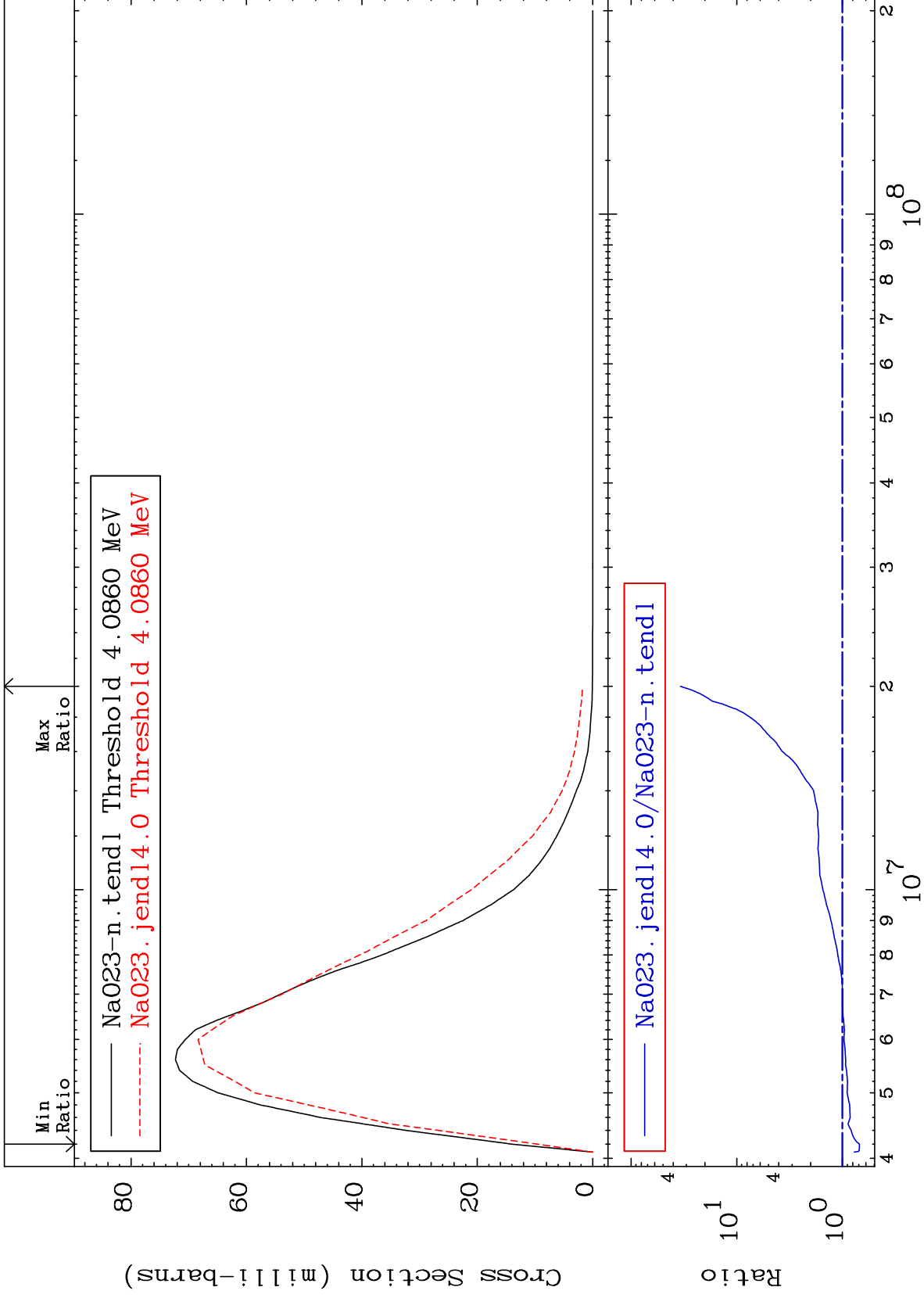
11-Na-23

11-Na-23

MAT 1125

3.914 MeV (n,n') Level
Cross Section

11-Na-23
-30.97 To 3321. %



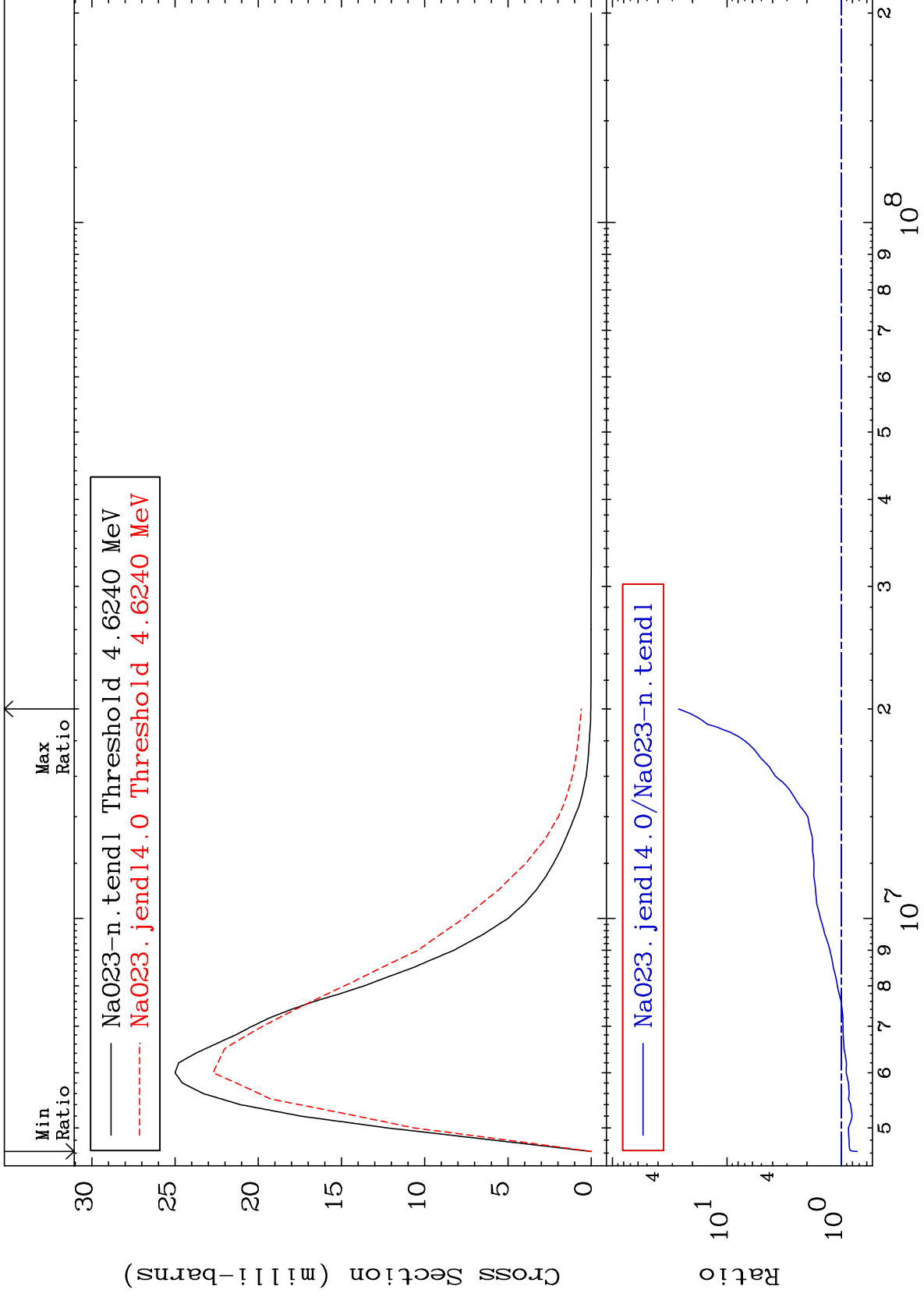
15

11-Na-23

MAT 1125

4.430 MeV (n,n') Level
Cross Section

11-Na-23
-27.22 To 2546. %



16

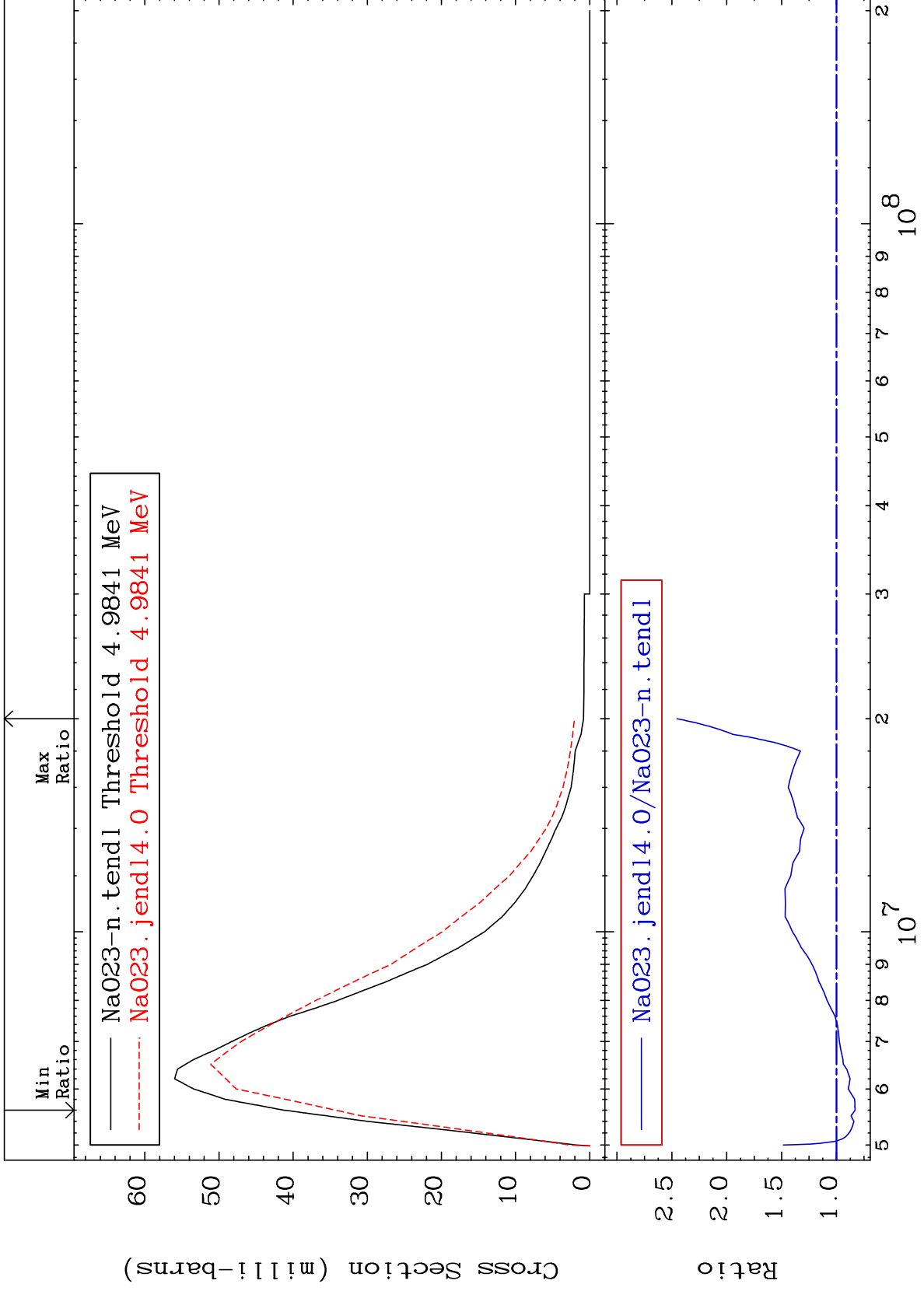
Incident Energy (eV)

11-Na-23

MAT 1125

4.775 MeV (n,n') Level
Cross Section

11-Na-23
-16.93 To 145.4 %



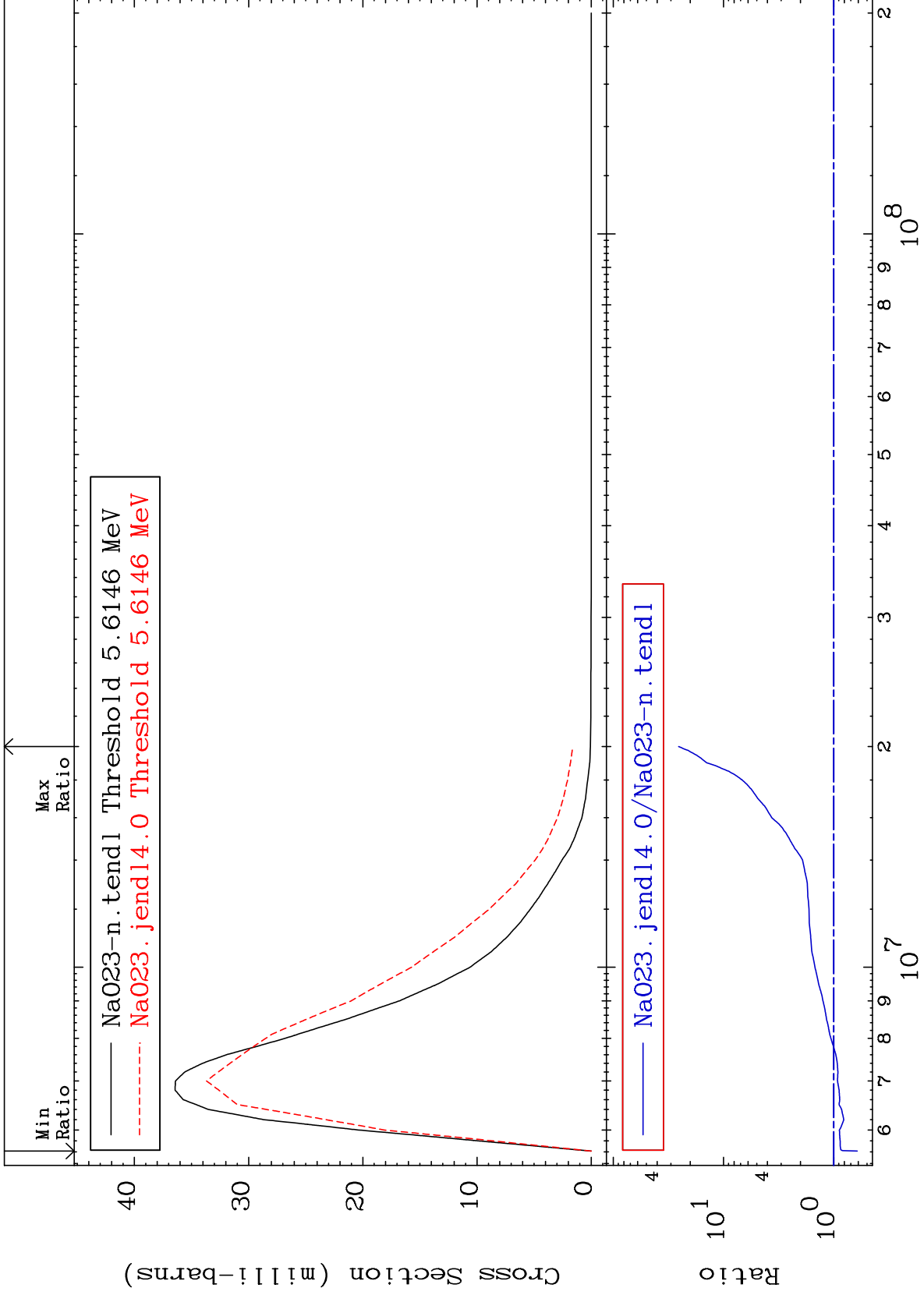
17

11-Na-23

MAT 1125

5.379 MeV (n,n') Level
Cross Section

11-Na-23
-38.77 To 2452. %



18

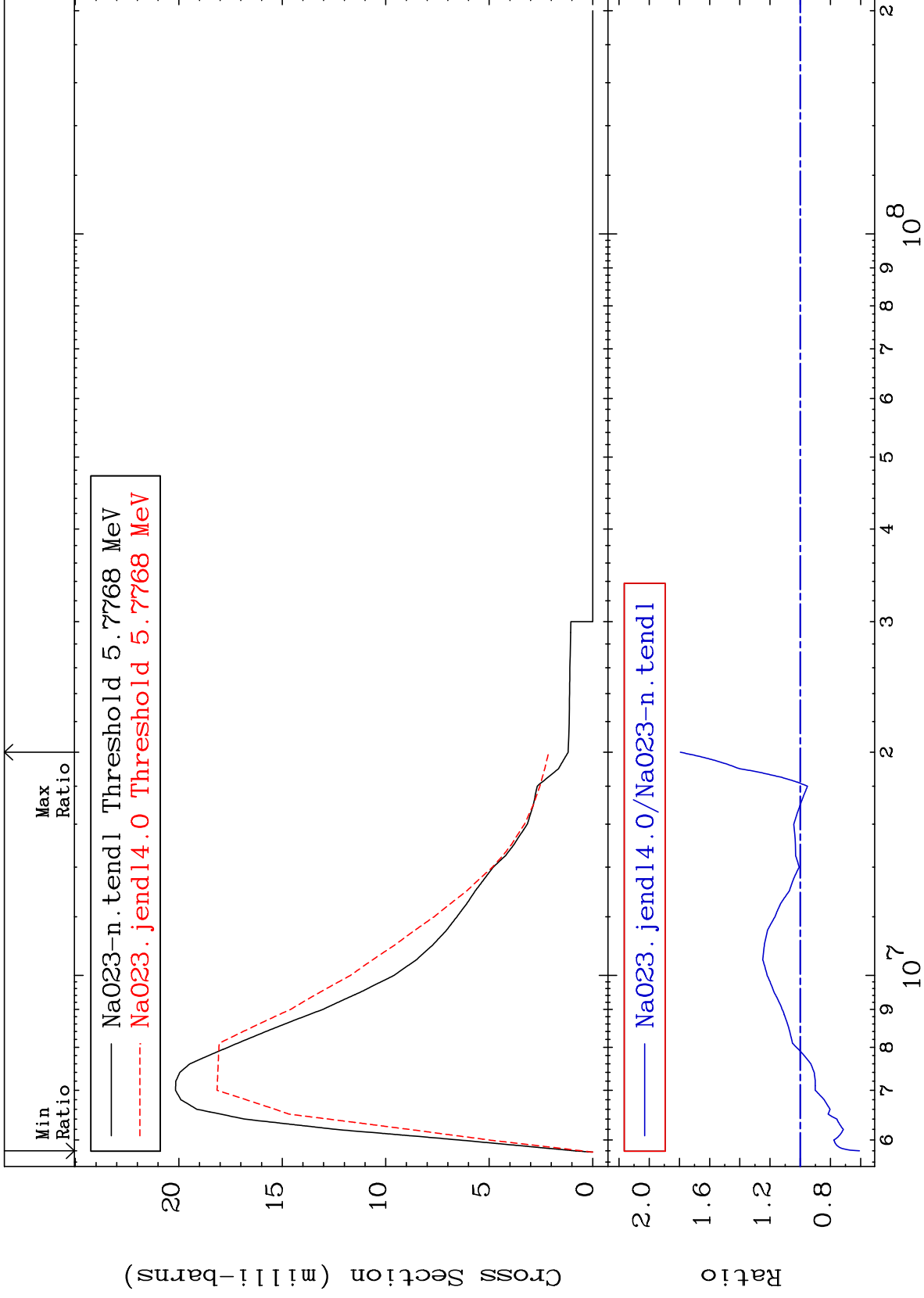
Incident Energy (eV)

11-Na-23

MAT 1125

5.534 MeV (n,n') Level
Cross Section

11-Na-23
-39.19 To 79.37 %



19

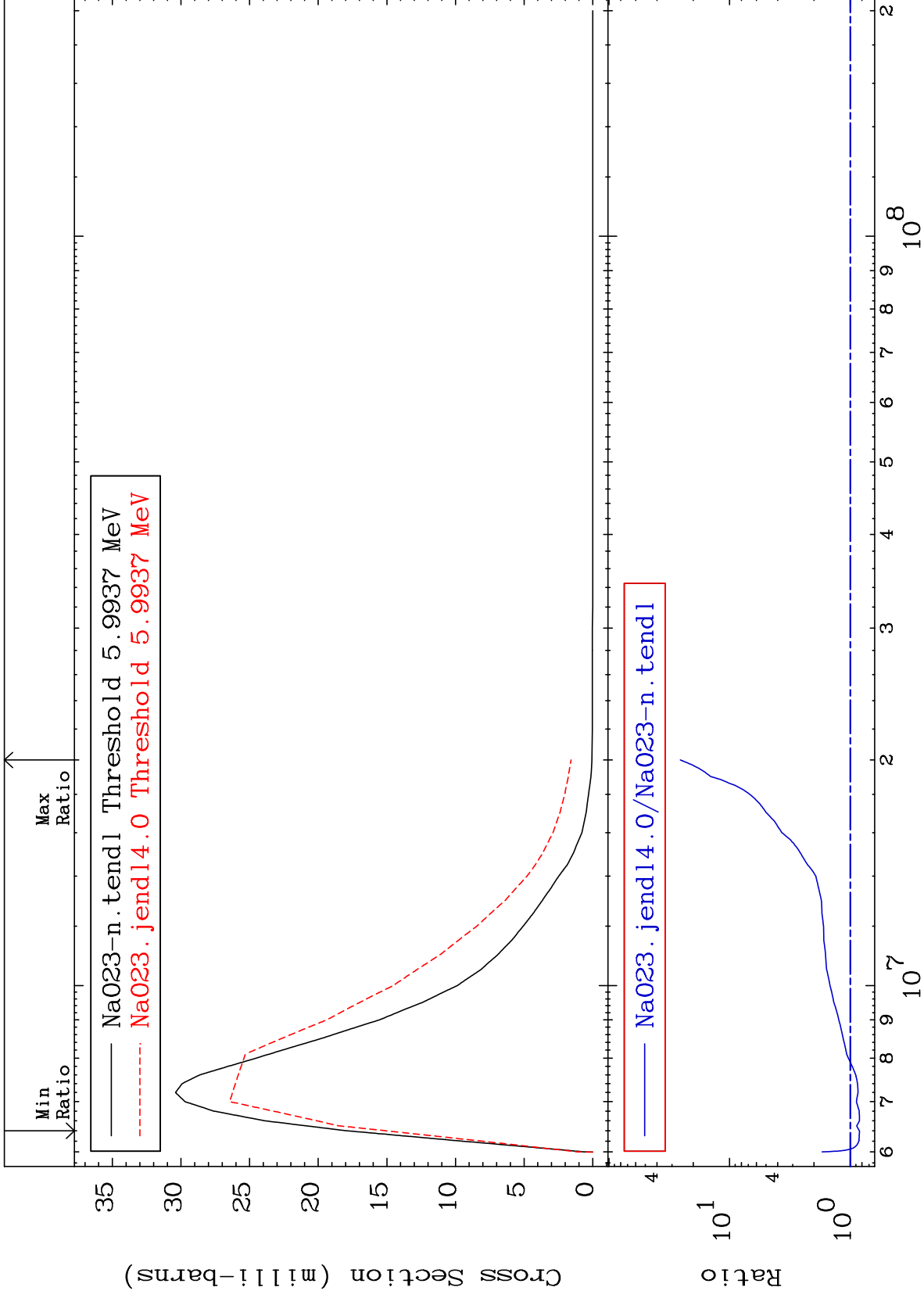
Incident Energy (eV)

11-Na-23

MAT 1125

5.742 MeV (n,n') Level
Cross Section

11-Na-23
-15.97 To 2460. %



20

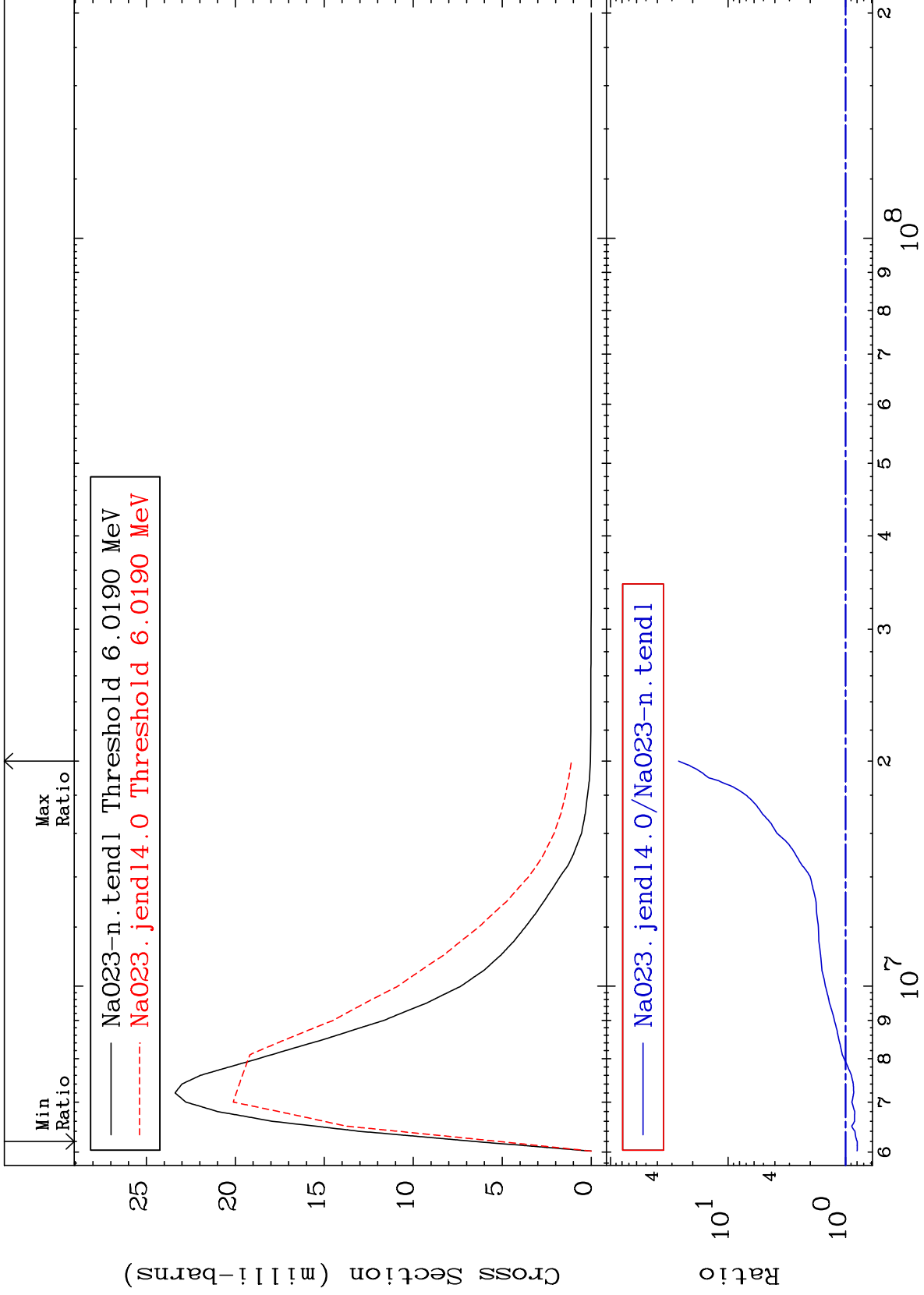
Incident Energy (eV)

11-Na-23

MAT 1125

5.766 MeV (n,n') Level
Cross Section

11-Na-23
-20.46 To 2535. %



21

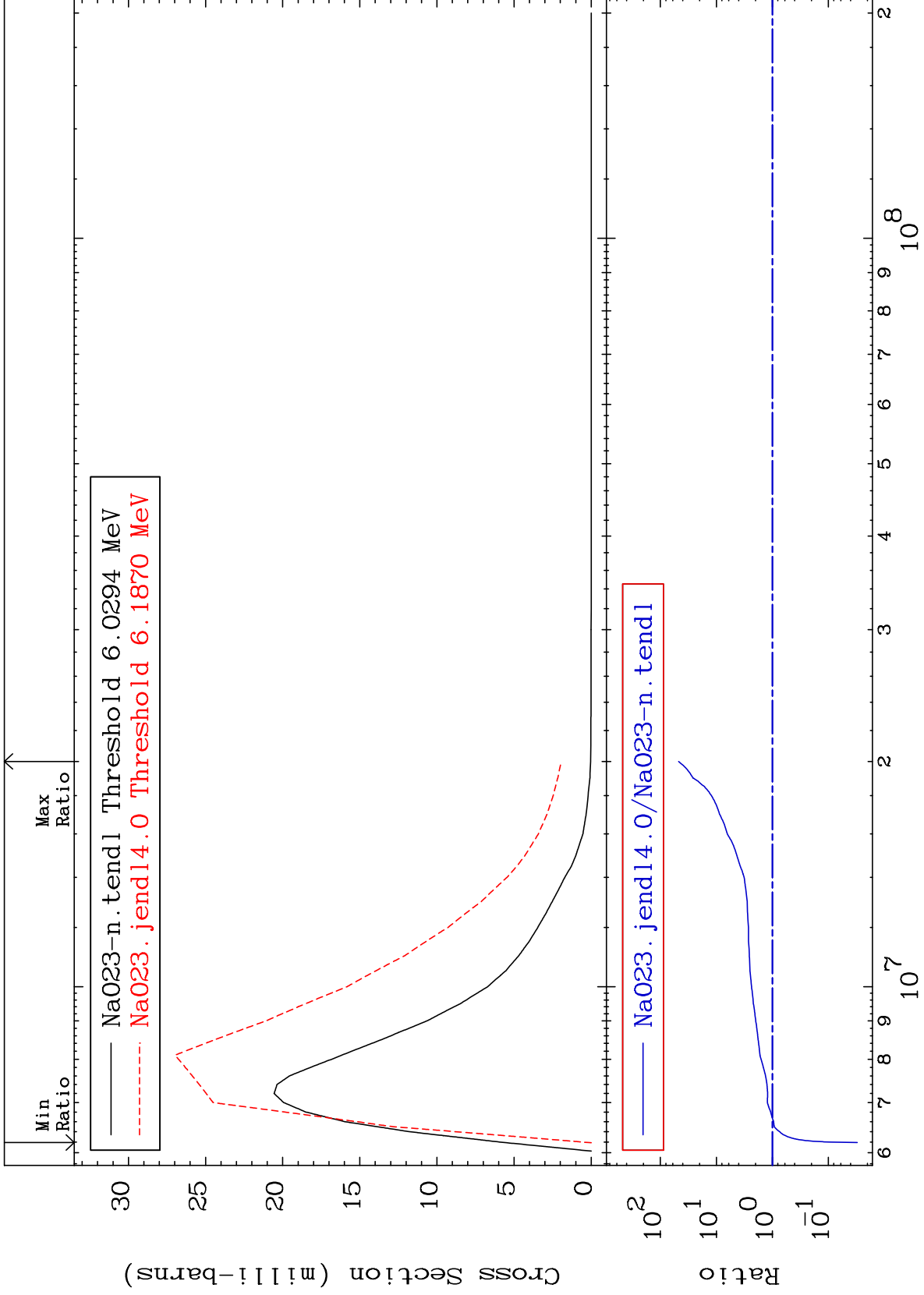
Incident Energy (eV)

11-Na-23

MAT 1125

5.776 MeV (n,n') Level
Cross Section

11-Na-23
-96.95 To 4622. %



22

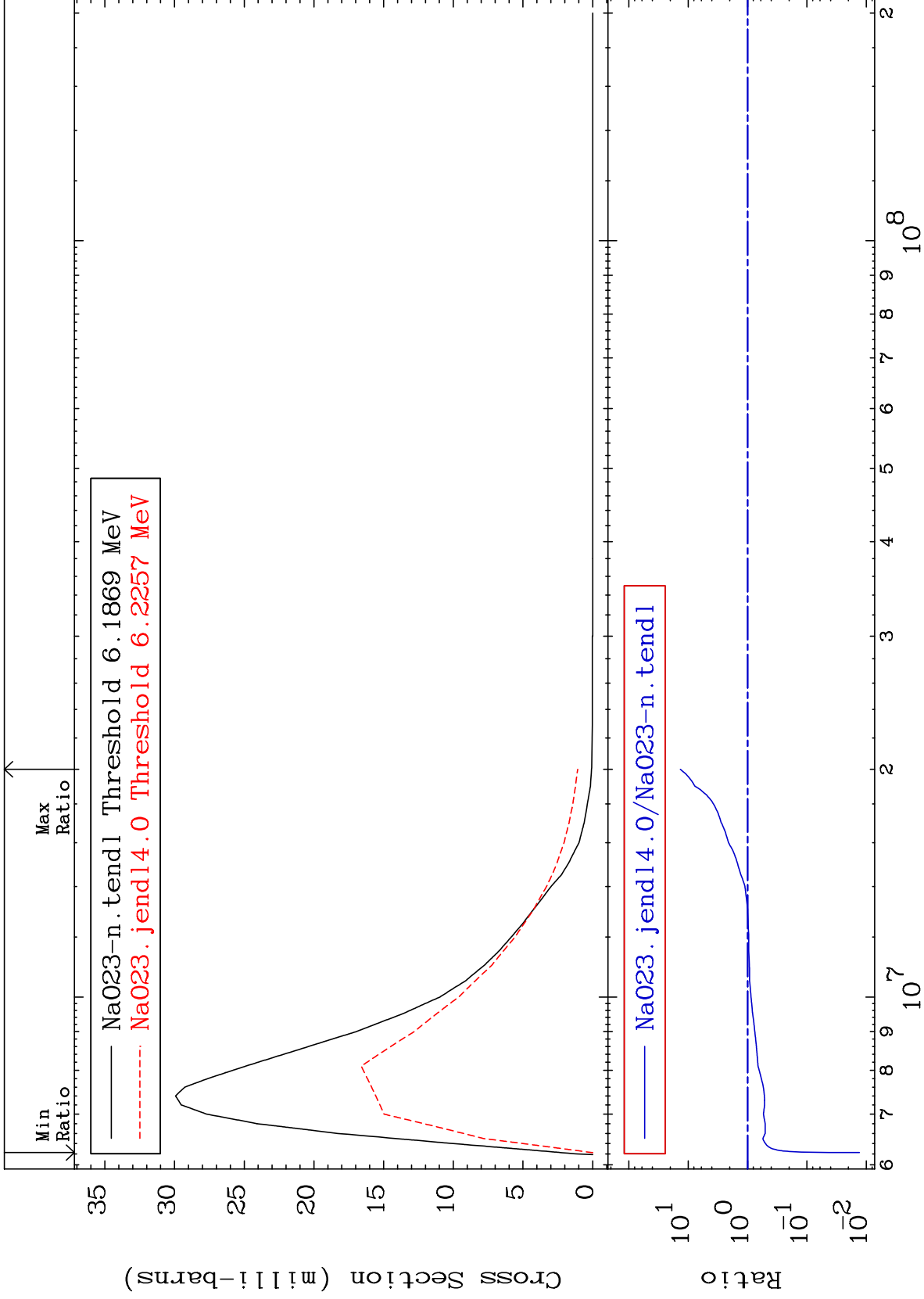
Incident Energy (eV)

11-Na-23

MAT 1125

5.927 MeV (n,n') Level
Cross Section

11-Na-23
-98.69 To 1255. %



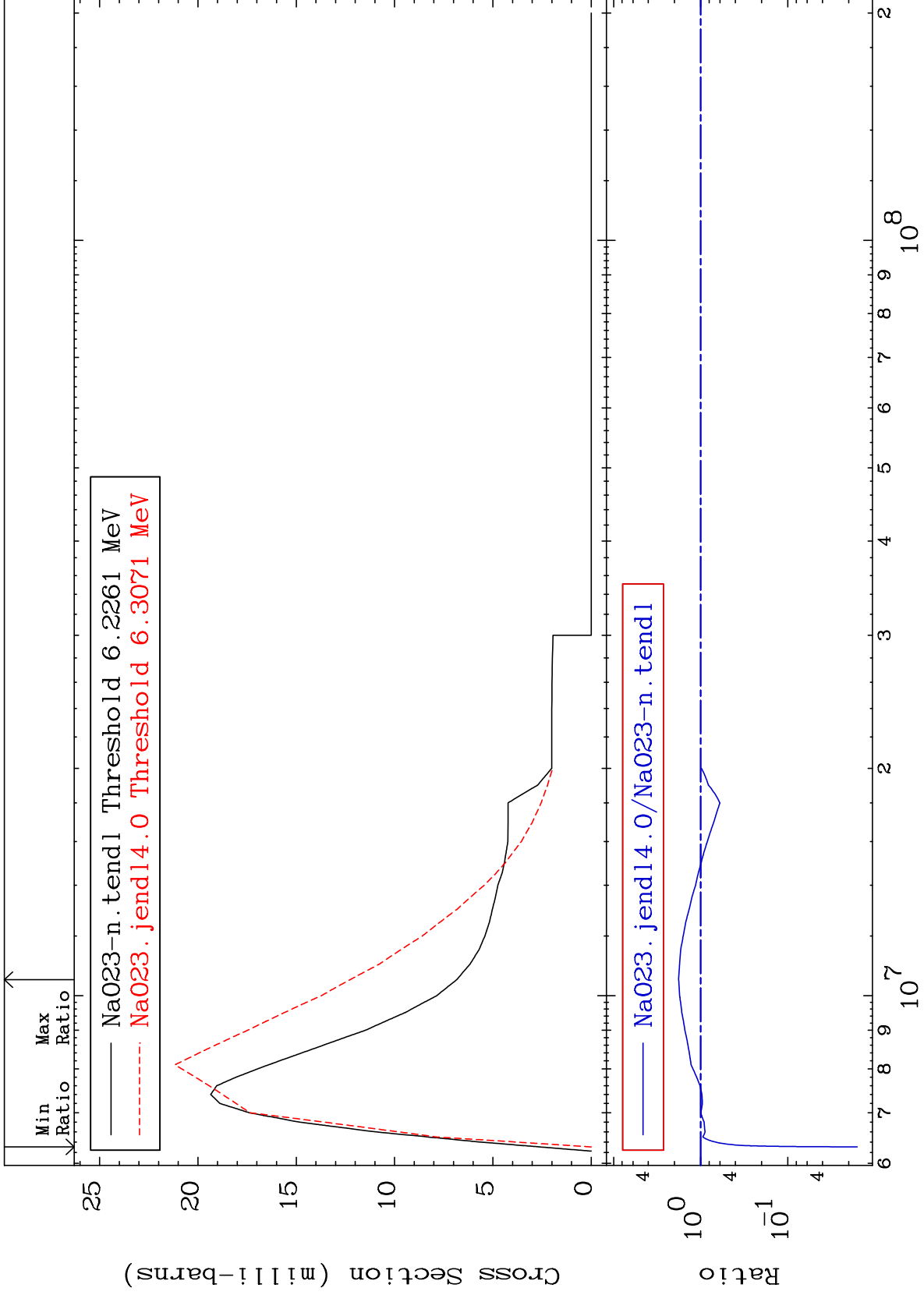
23

11-Na-23

MAT 1125

5.964 MeV (n,n') Level
Cross Section

11-Na-23
-98.41 To 79.35 %



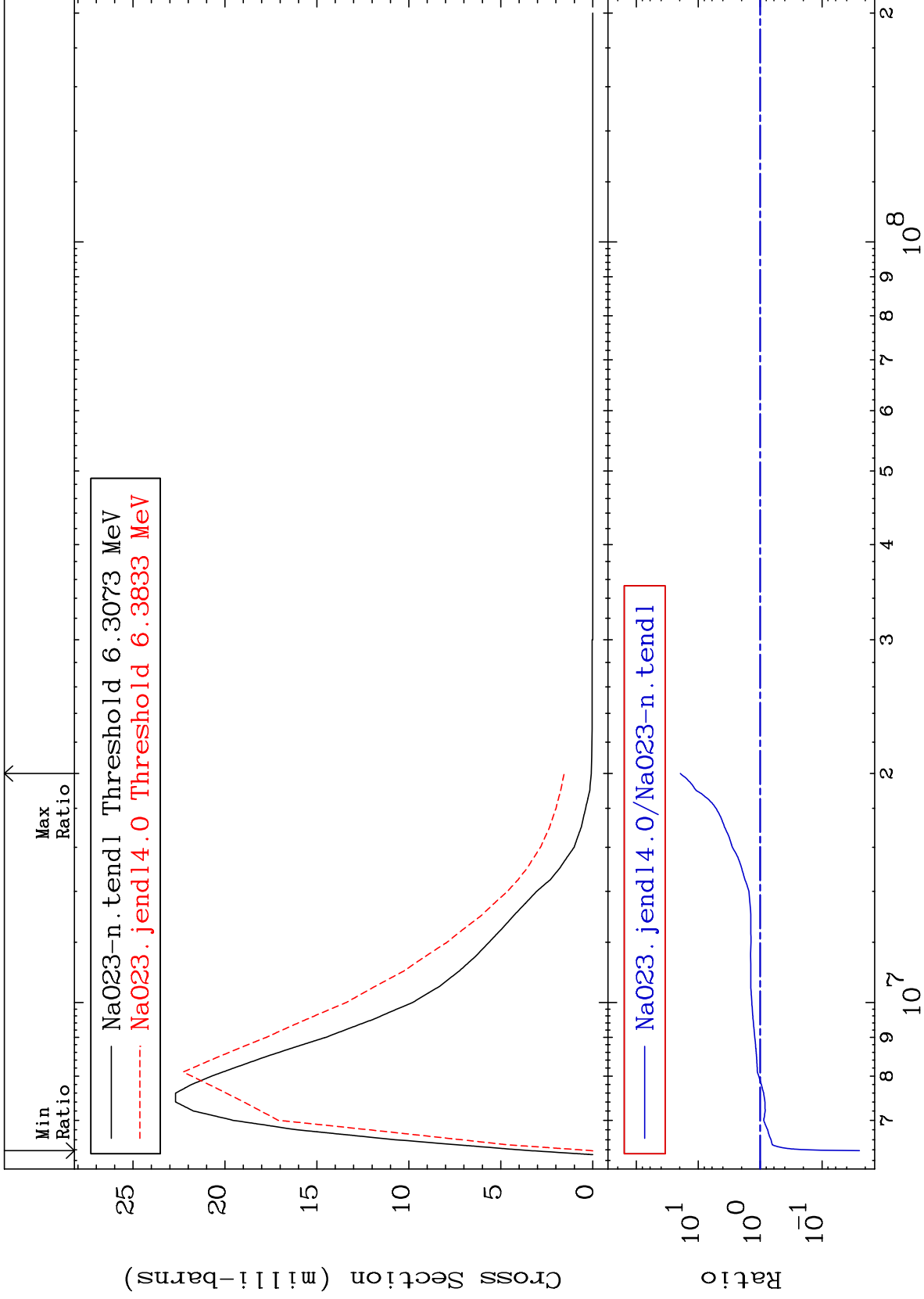
24

11-Na-23

MAT 1125

6.042 MeV (n,n') Level
Cross Section

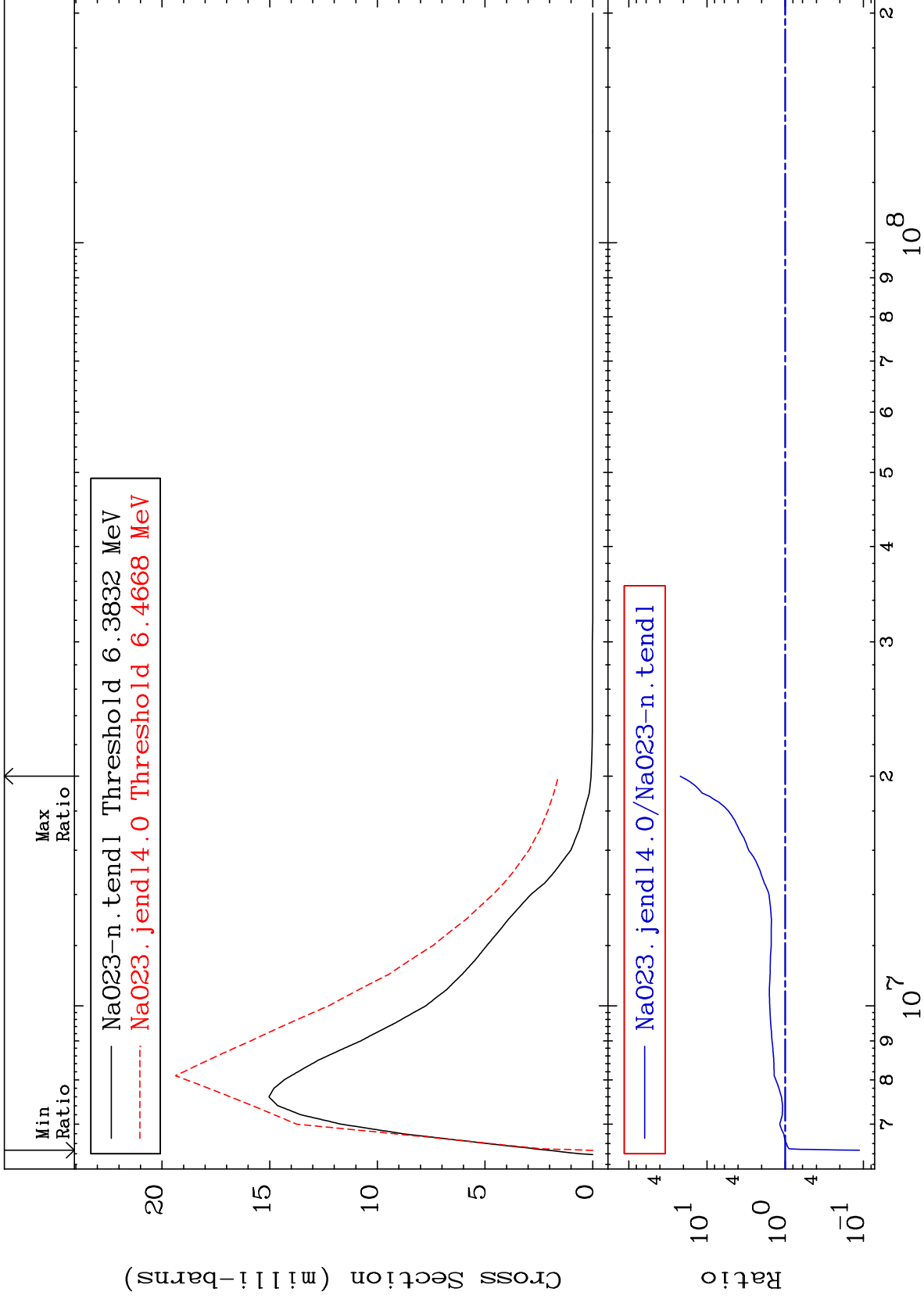
11-Na-23
-97.52 To 1848. %



25

Incident Energy (eV)

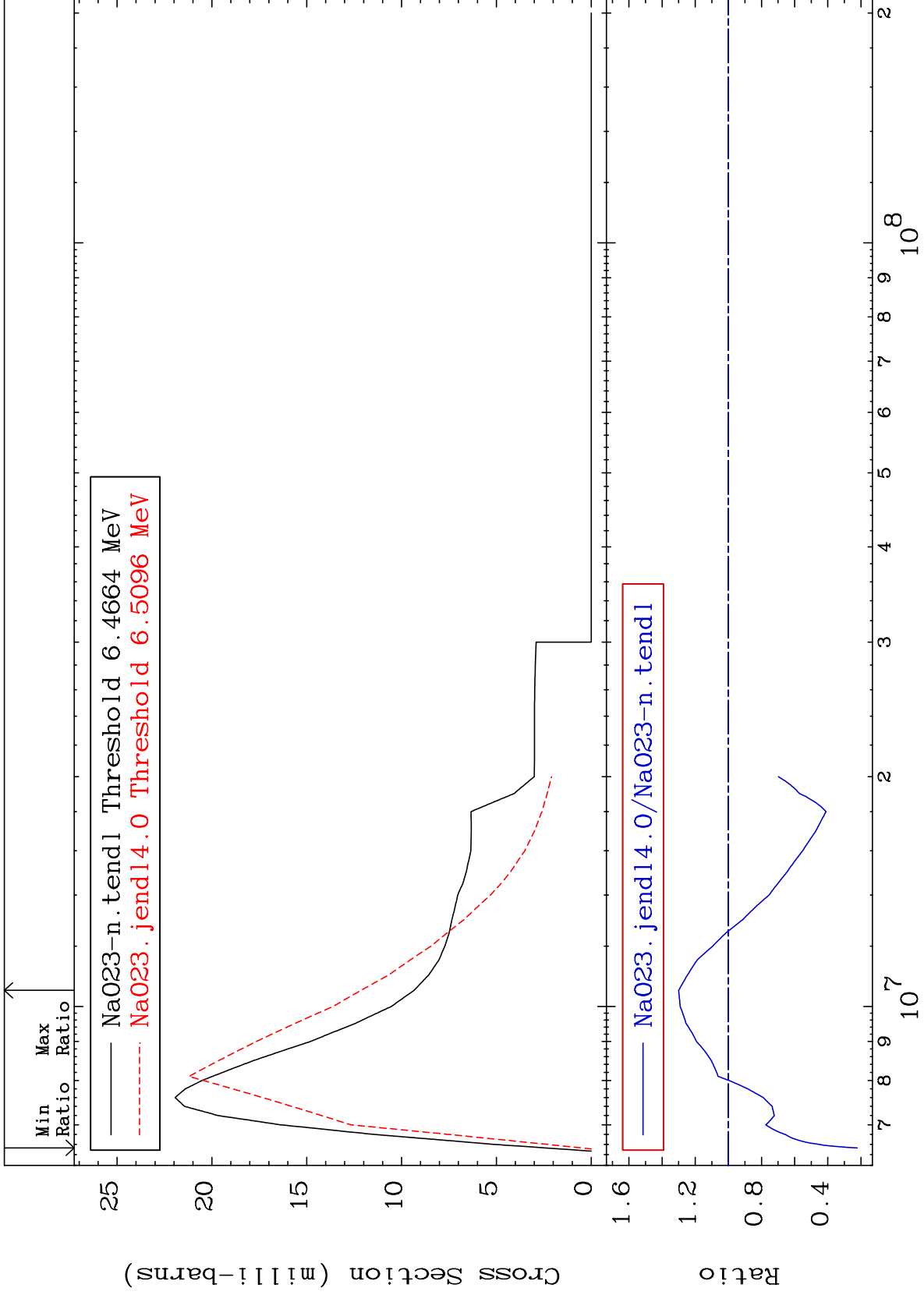
11-Na-23



MAT 1125

6.195 MeV (n,n') Level
Cross Section

11-Na-23
-77.80 To 30.01 %



27

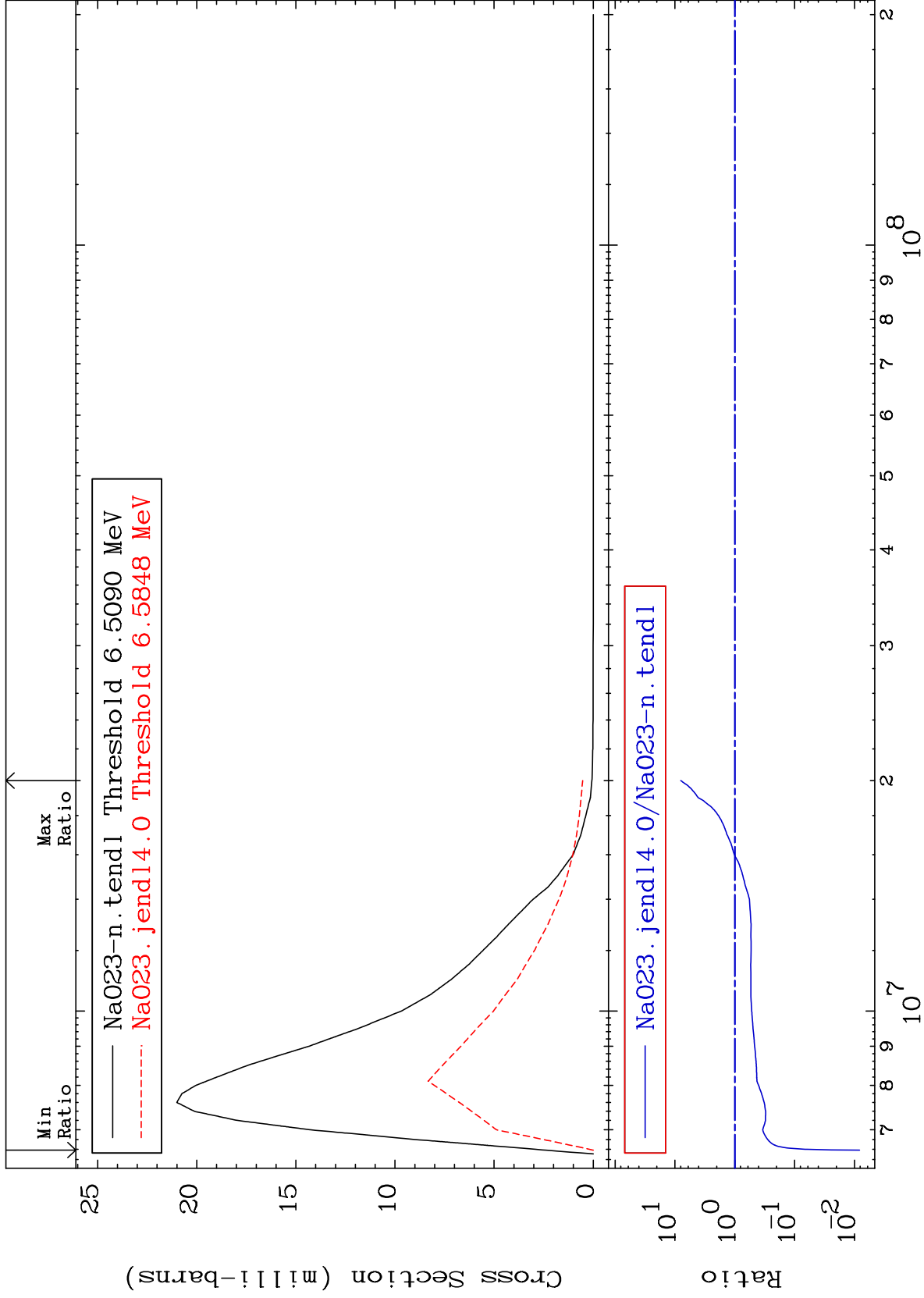
Incident Energy (eV)

11-Na-23

MAT 1125

6.235 MeV (n,n') Level
Cross Section

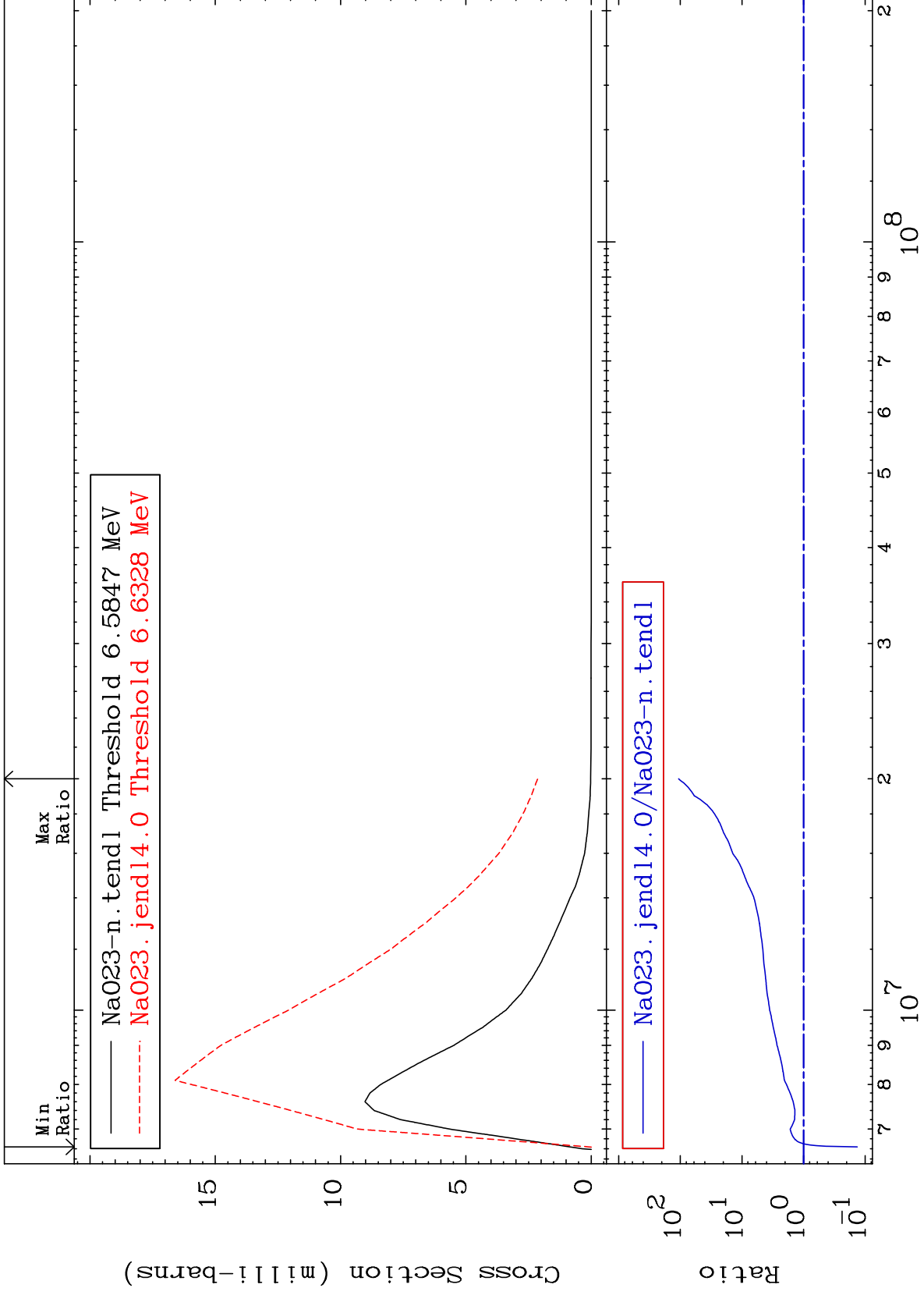
11-Na-23
-99.18 To 697.9 %



MAT 1125

6.308 MeV (n,n') Level
Cross Section

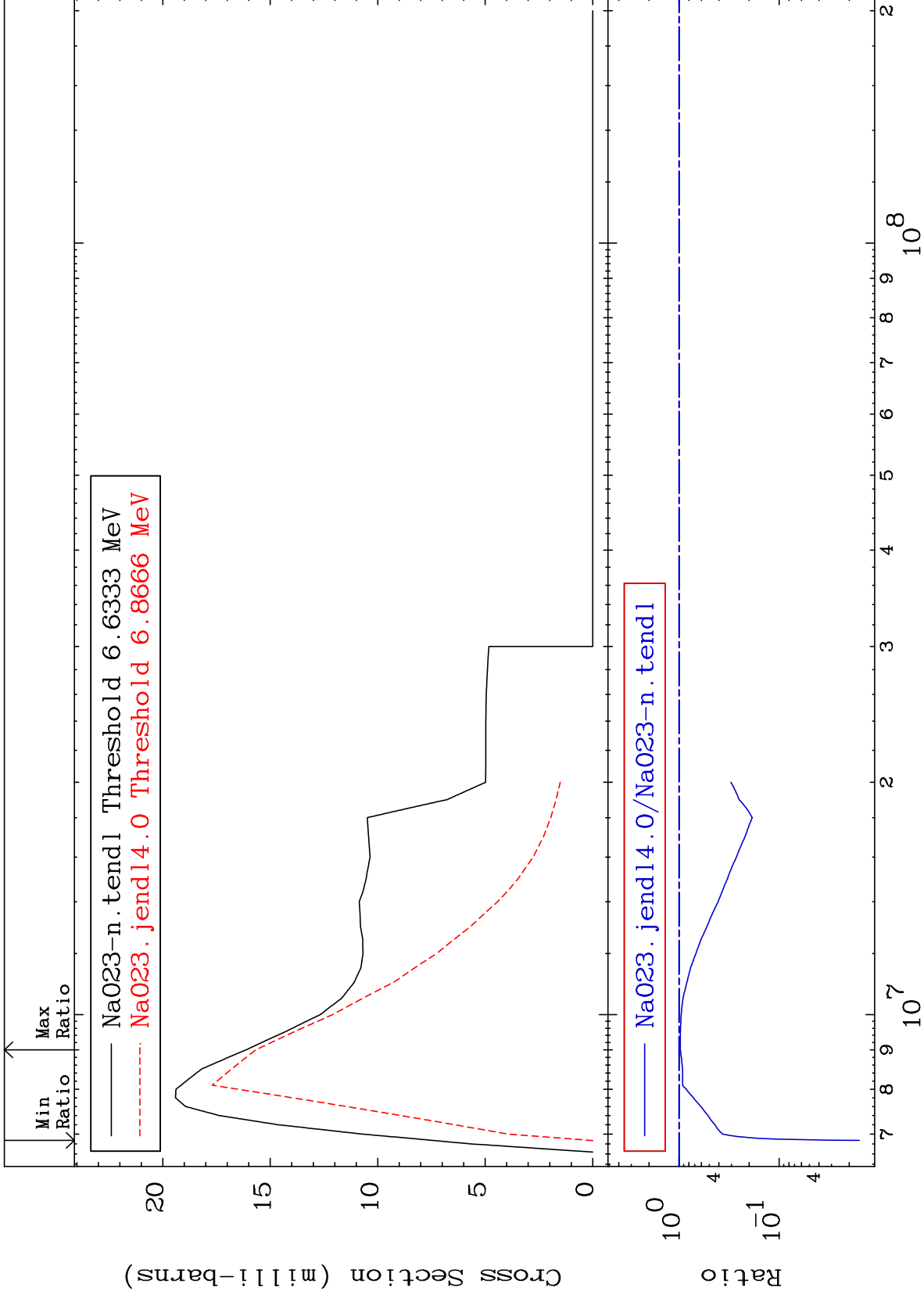
11-Na-23
-86.52 To 9999. %



MAT 1125

6.355 MeV (n,n') Level
Cross Section

11-Na-23
-98.42 To -2.813%



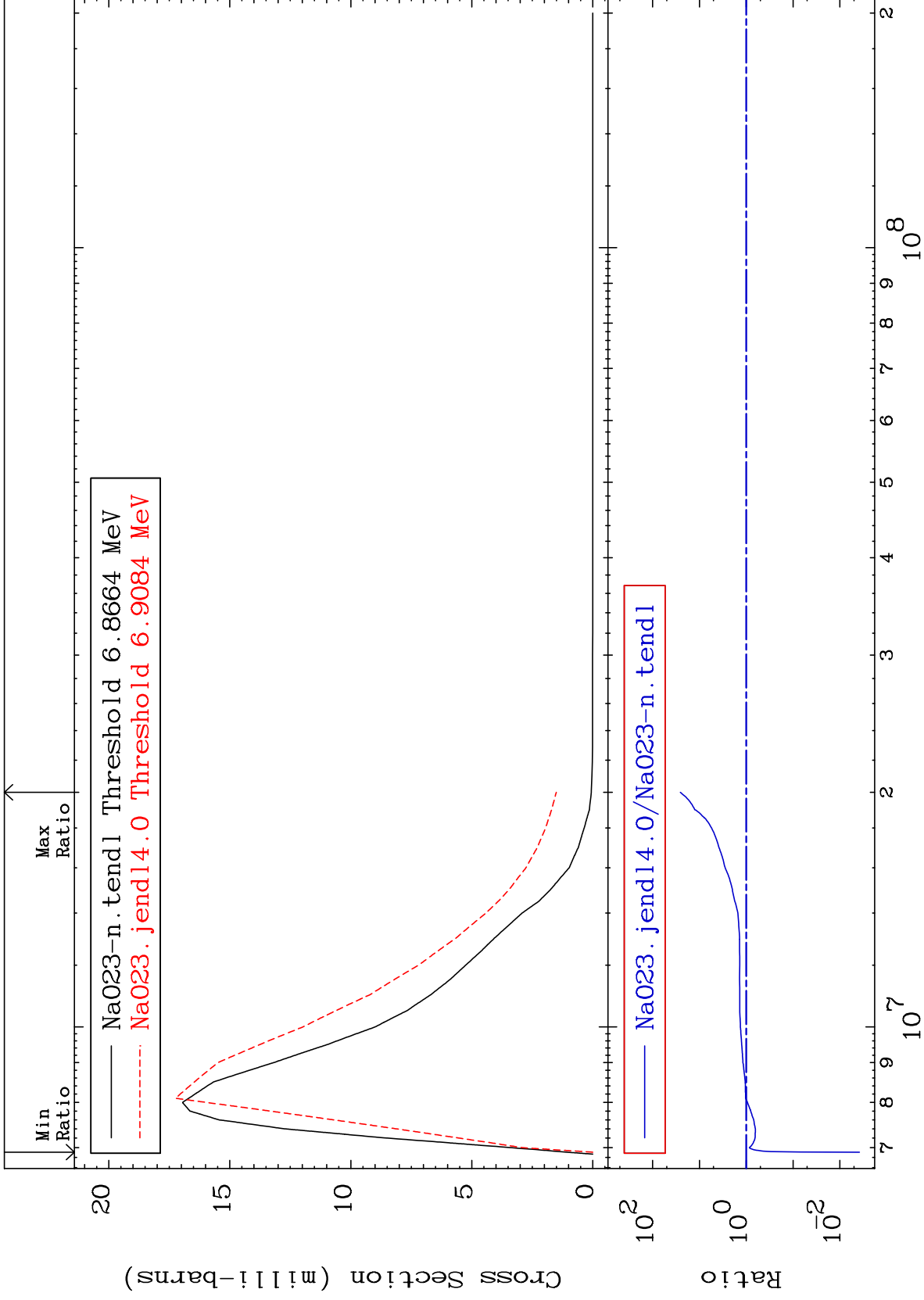
30

11-Na-23

MAT 1125

6.578 MeV (n,n') Level
Cross Section

11-Na-23
-99.62 To 2453. %



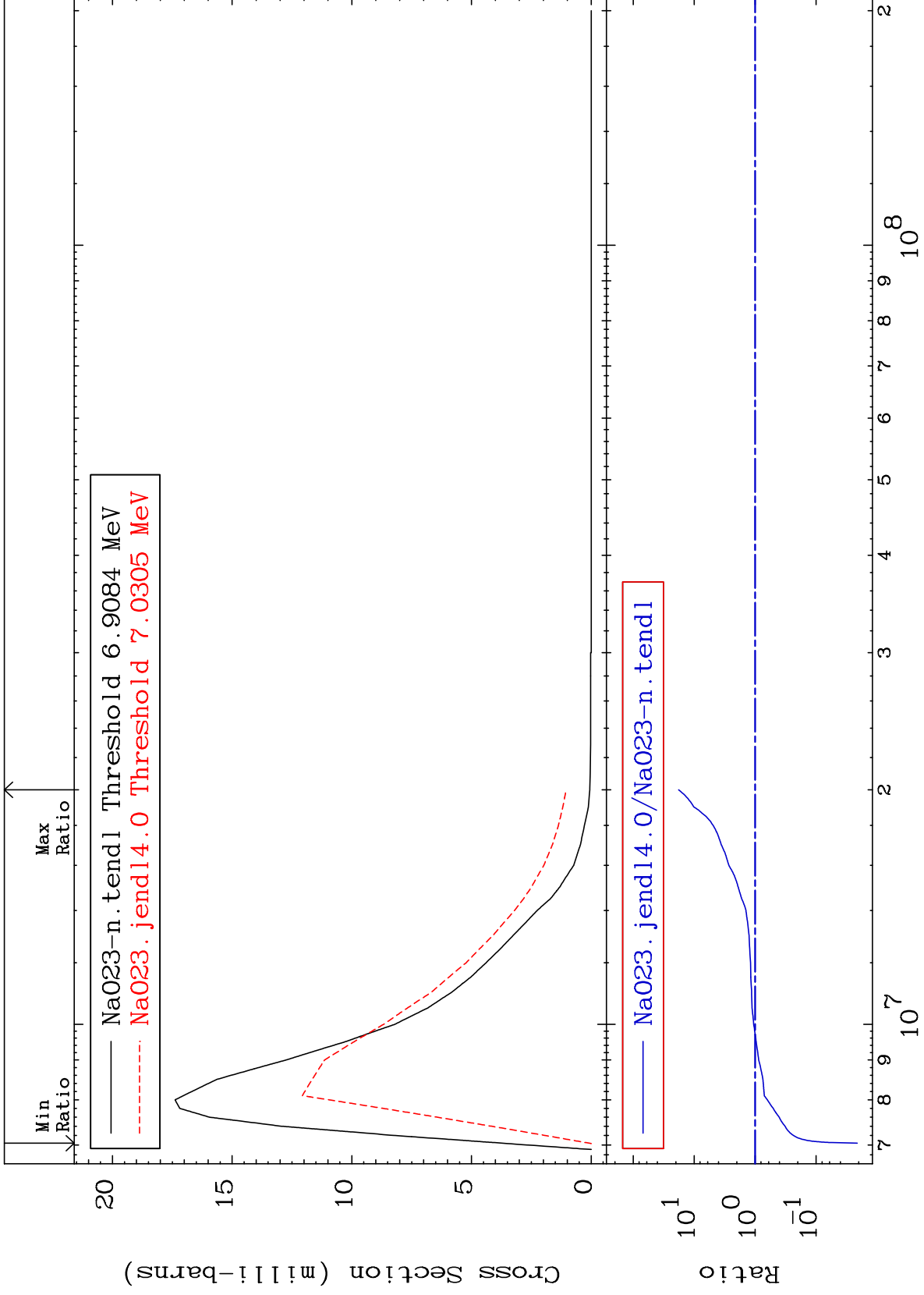
31

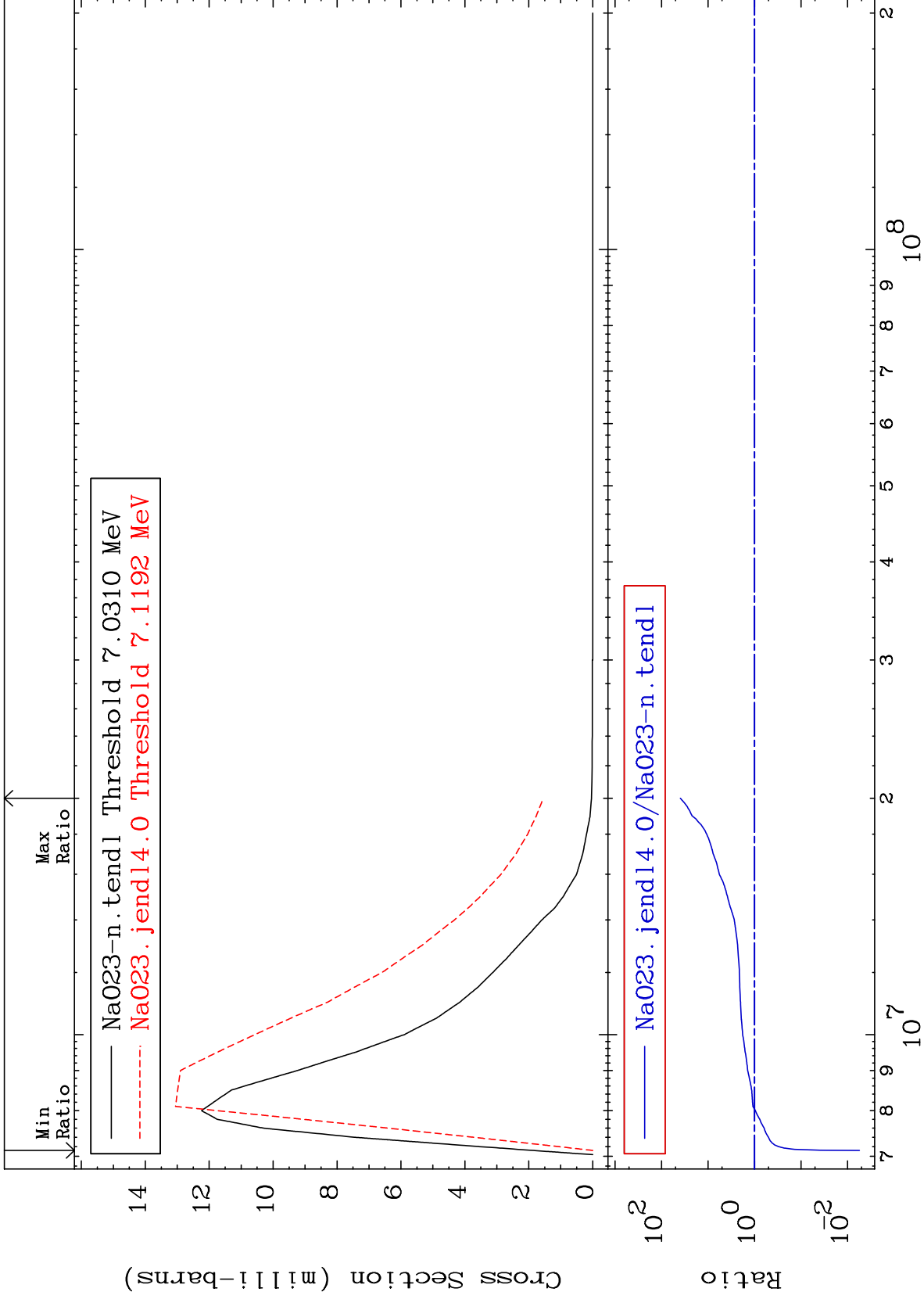
11-Na-23

MAT 1125

6.618 MeV (n,n') Level
Cross Section

11-Na-23
-97.89 To 1699. %

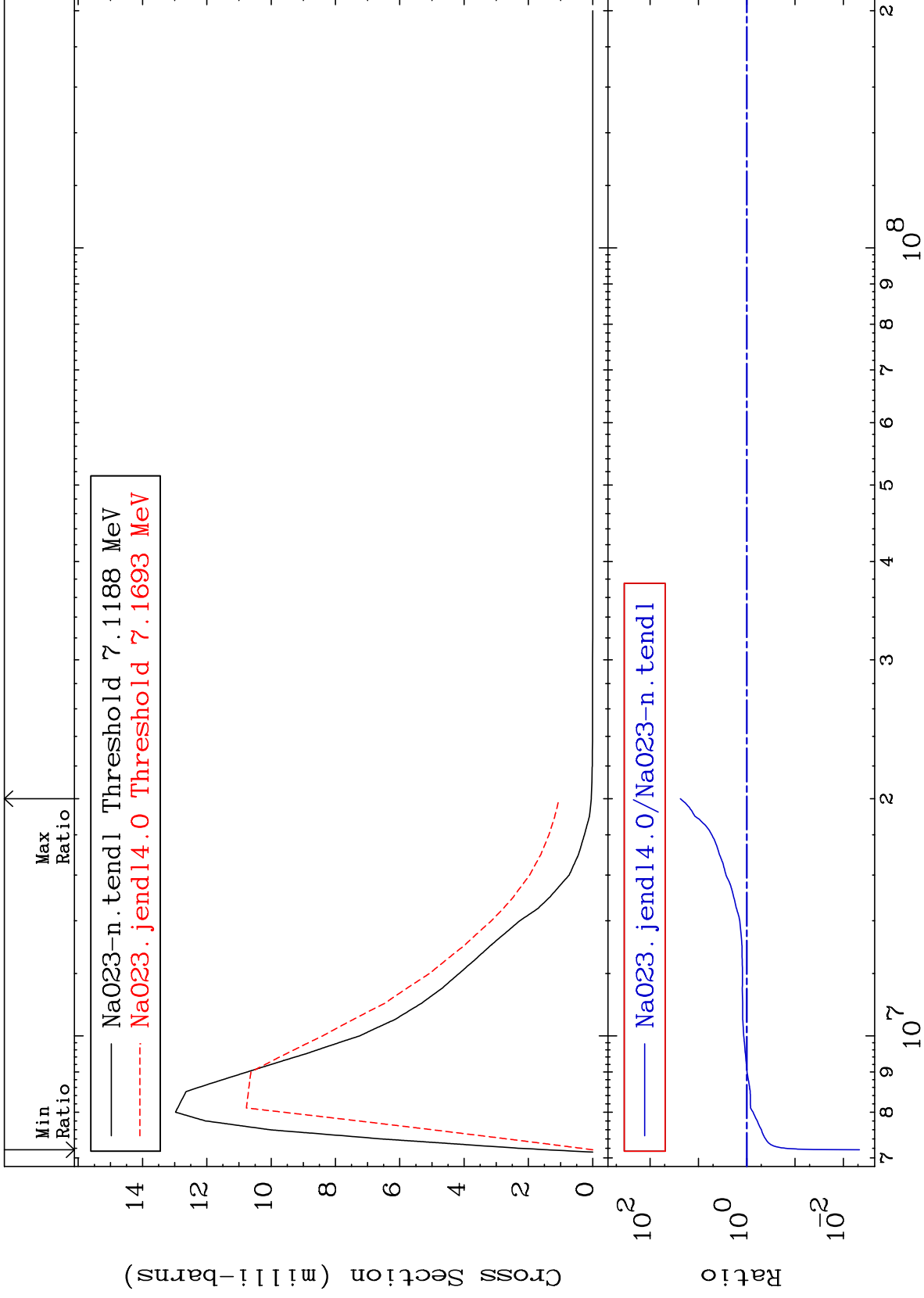




MAT 1125

6.820 MeV (n,n') Level
Cross Section

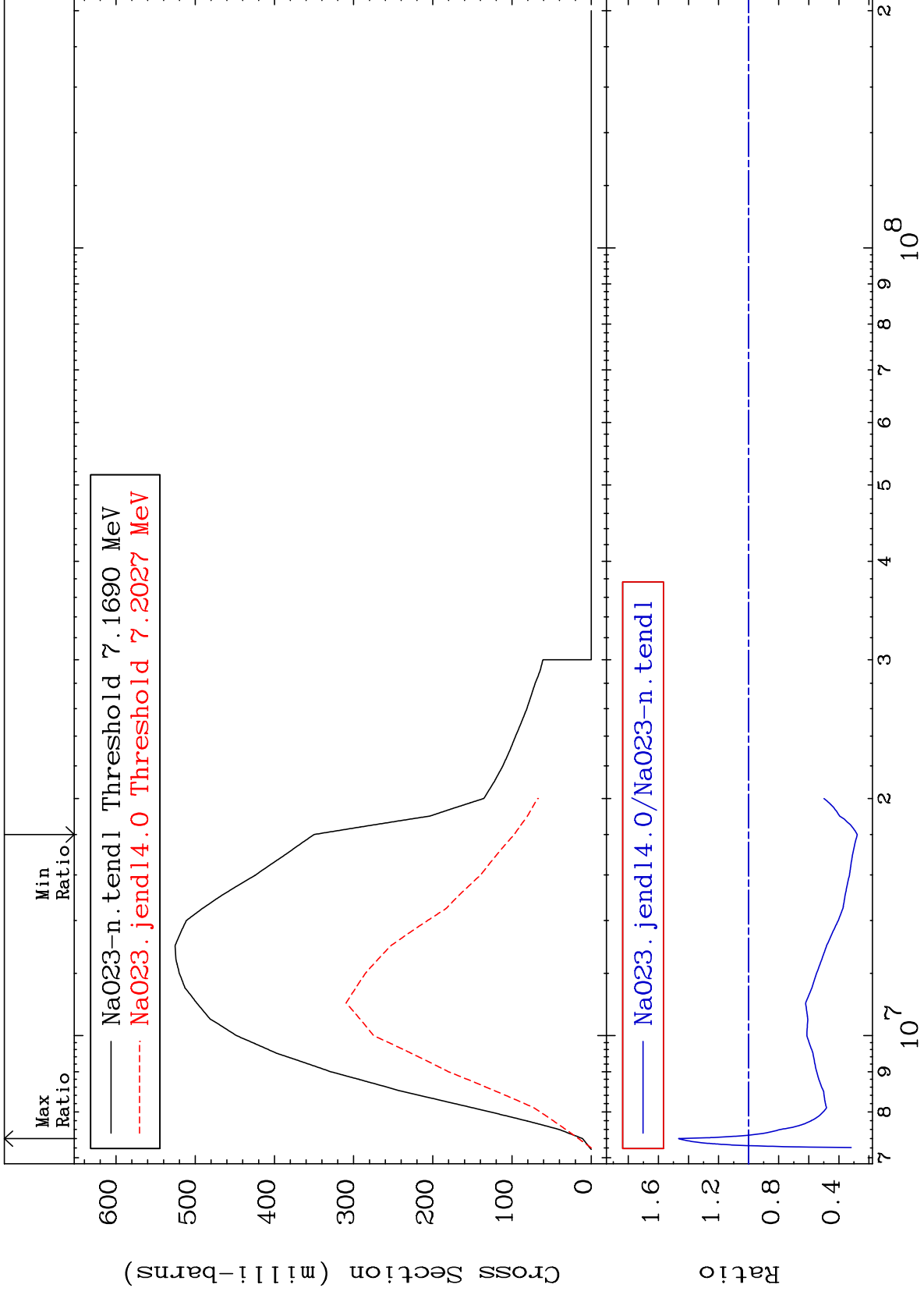
11-Na-23
-99.54 To 2266. %



34

Incident Energy (eV)

11-Na-23

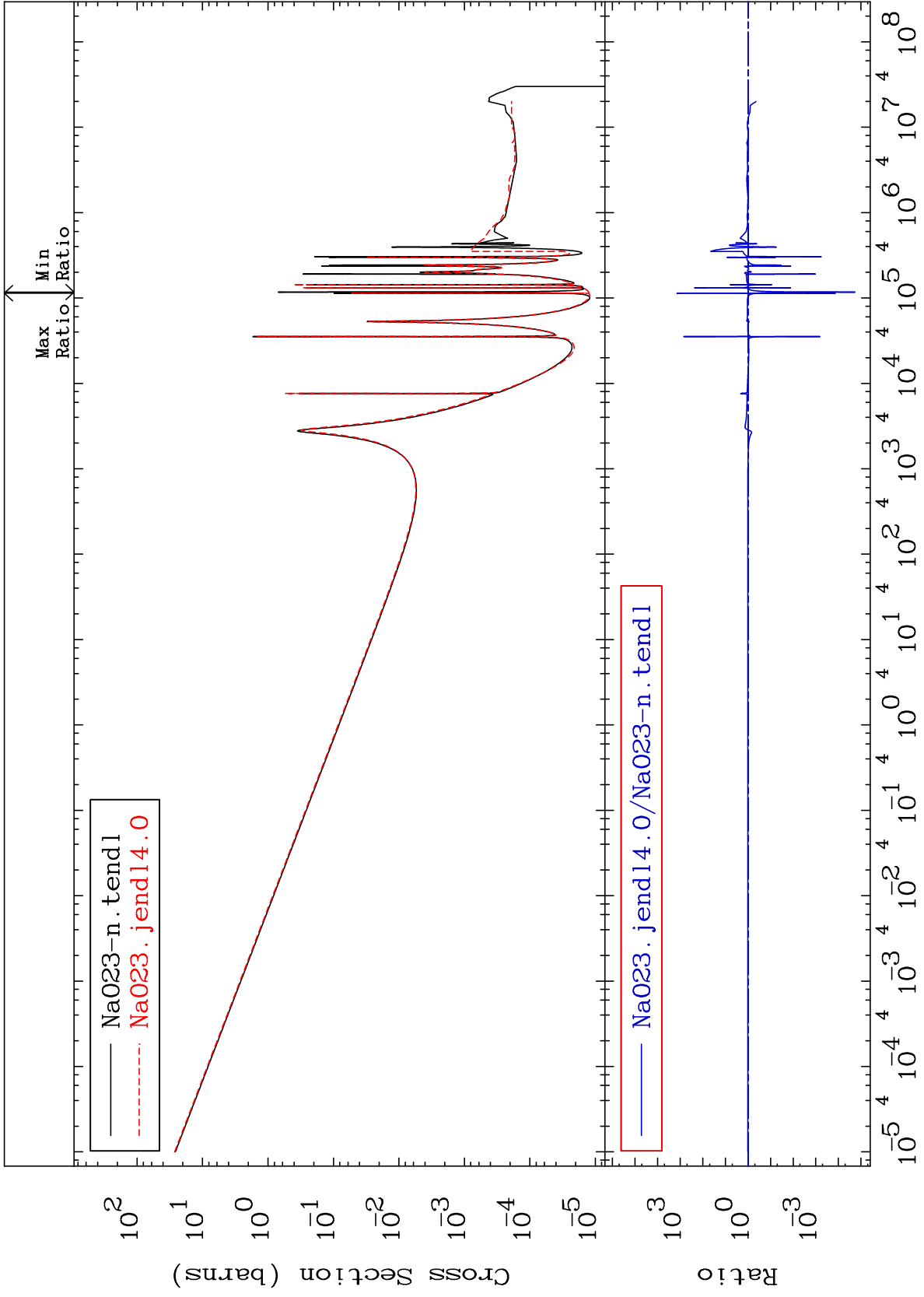


MAT 1125

(n, γ)
Cross Section

11-Na-23

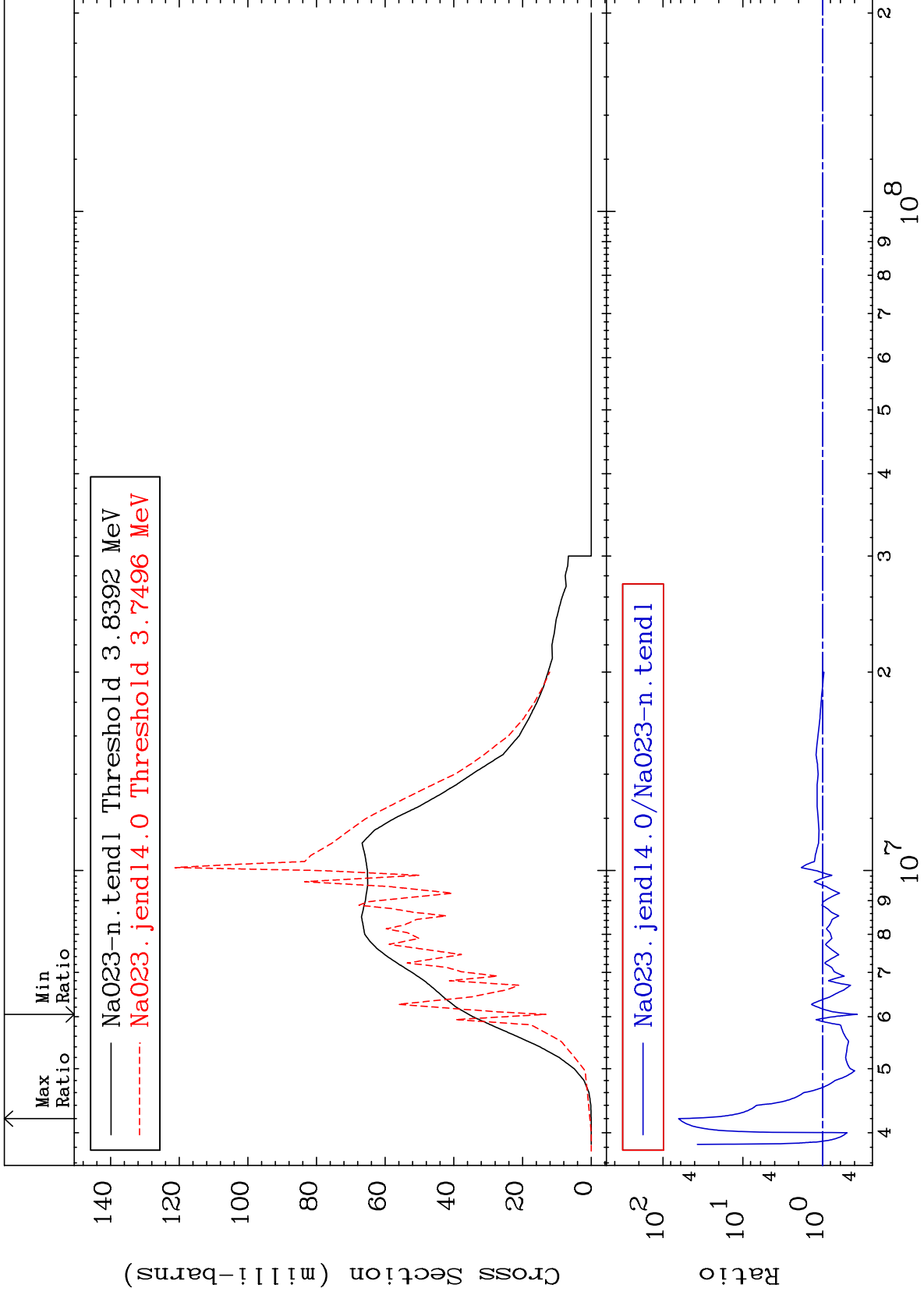
-100.0 To 9999. %



MAT 1125

(n,p)
Cross Section

11-Na-23
-62.99 To 6255. %



37

11-Na-23

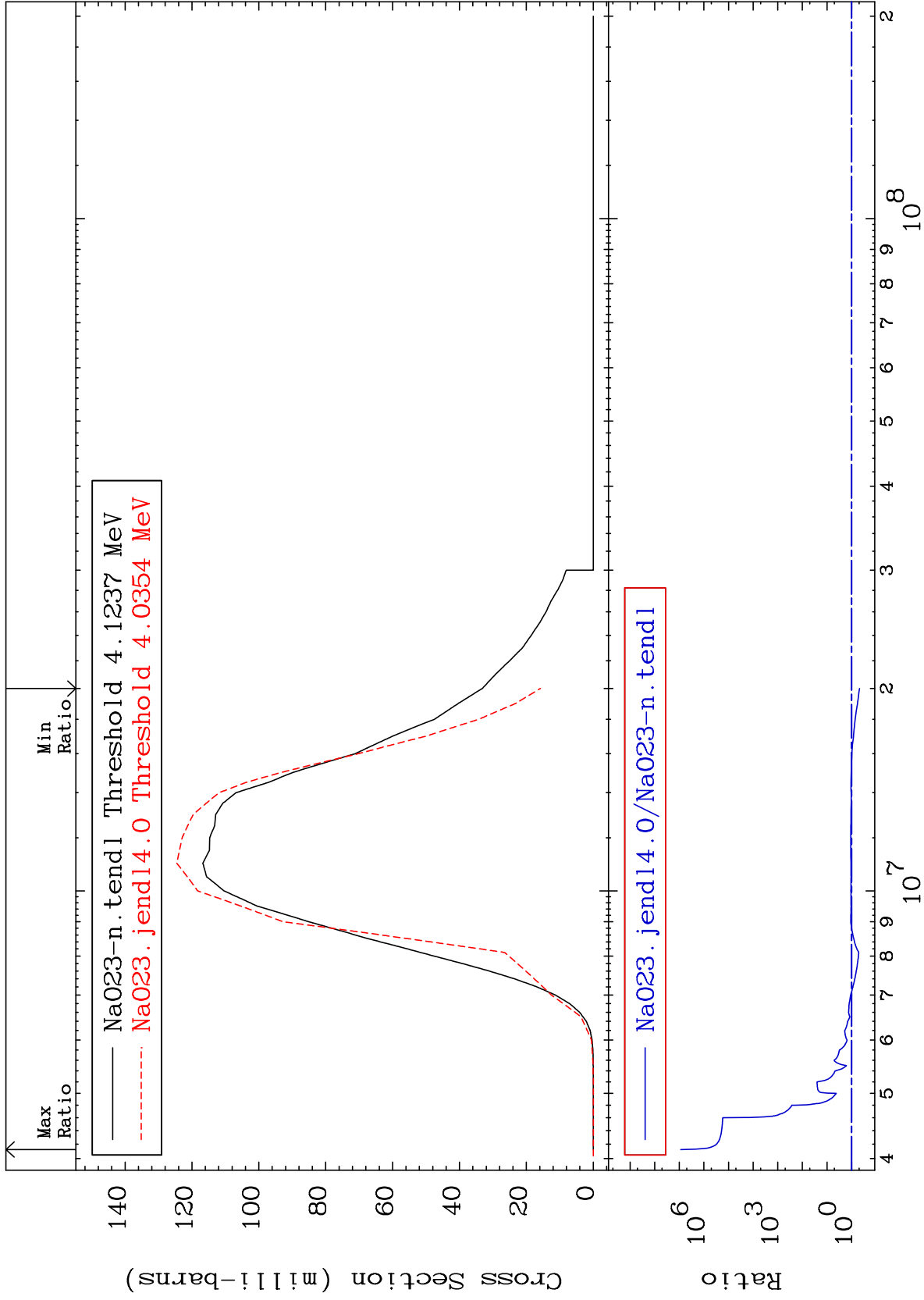
MAT 1125

(n, α)

11-Na-23

Cross Section

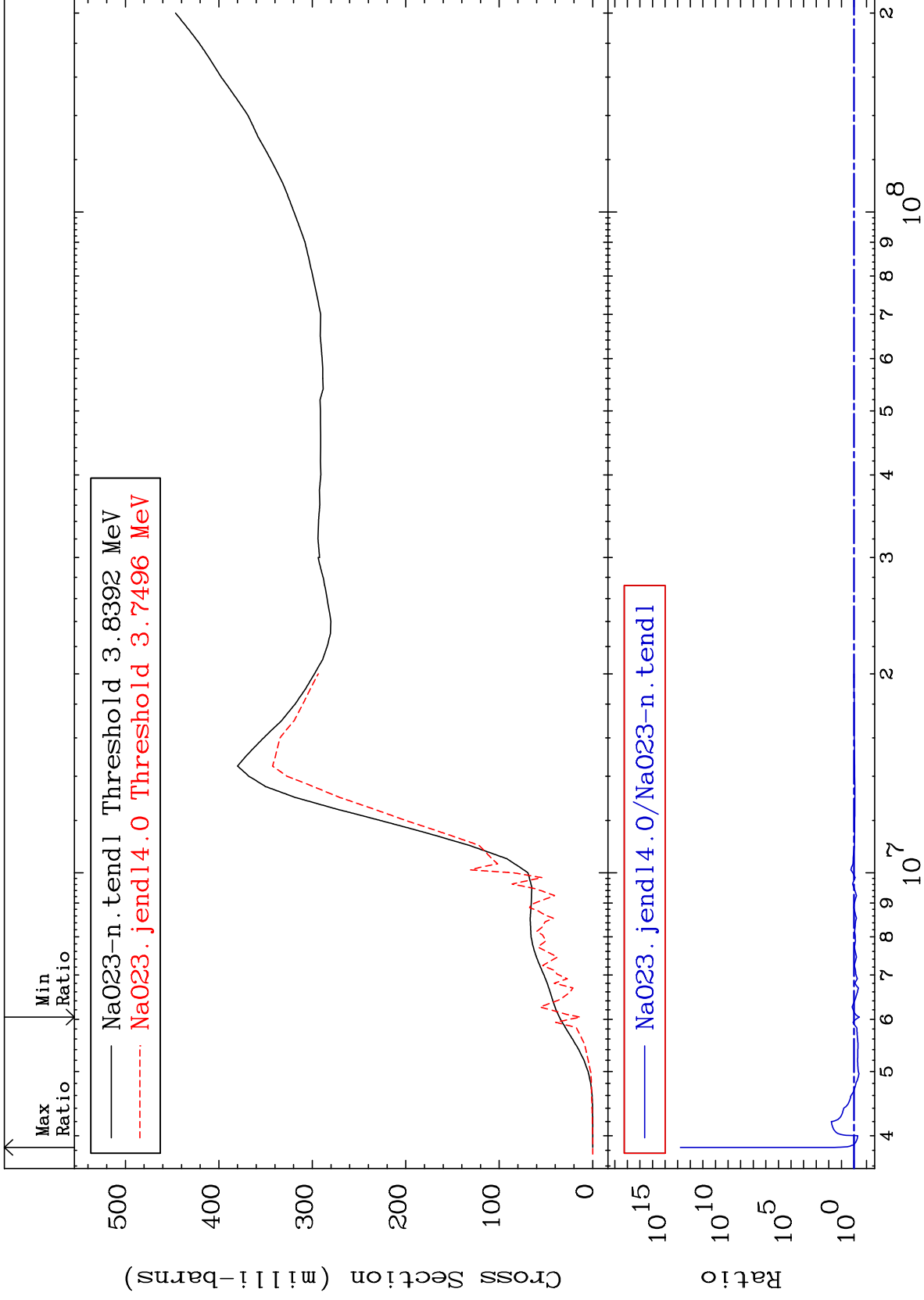
-52.29 To 9999. %



38

Incident Energy (eV)

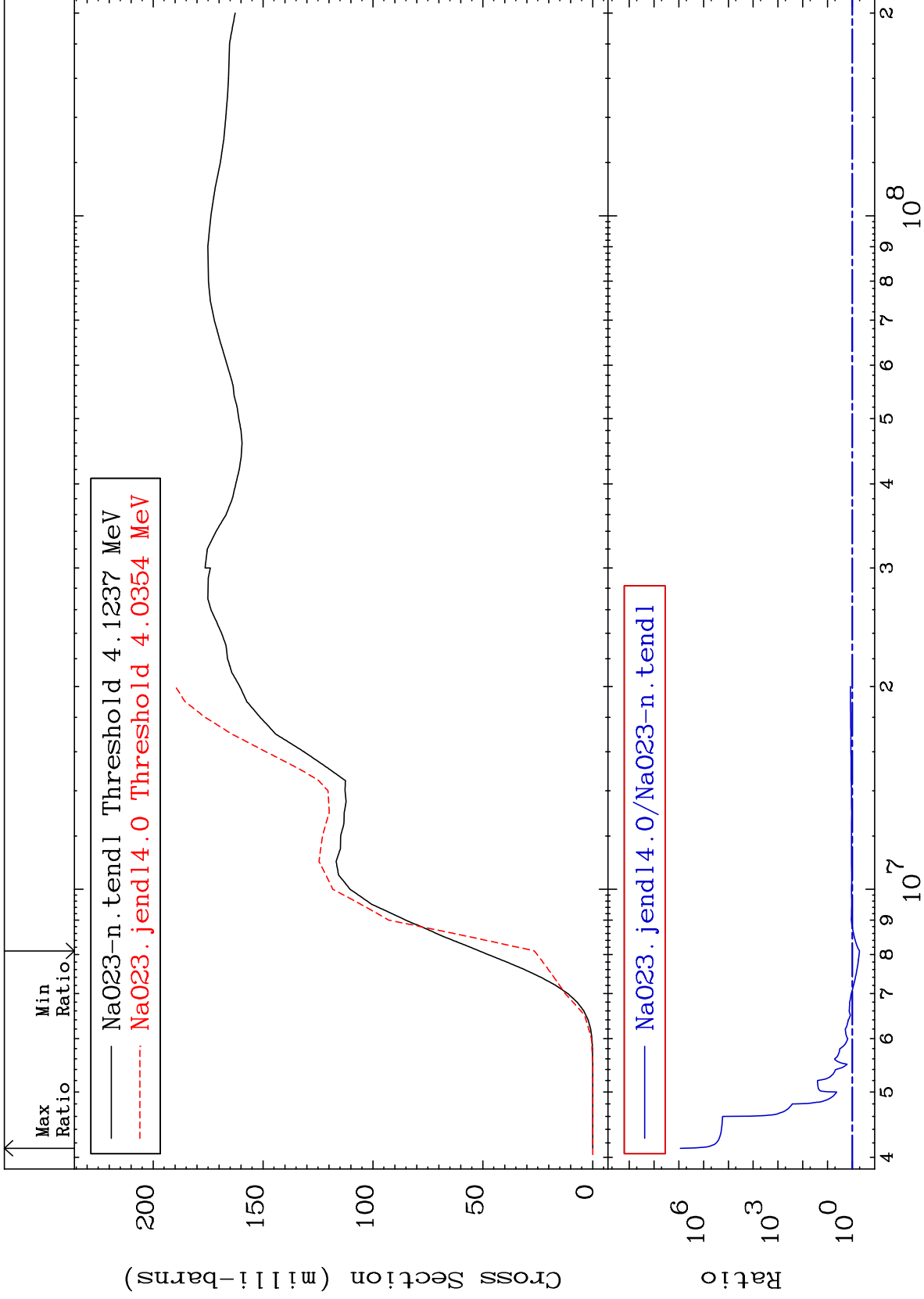
11-Na-23



MAT 1125

He-4 Production
Cross Section

11-Na-23
-48.61 To 9999. %



40

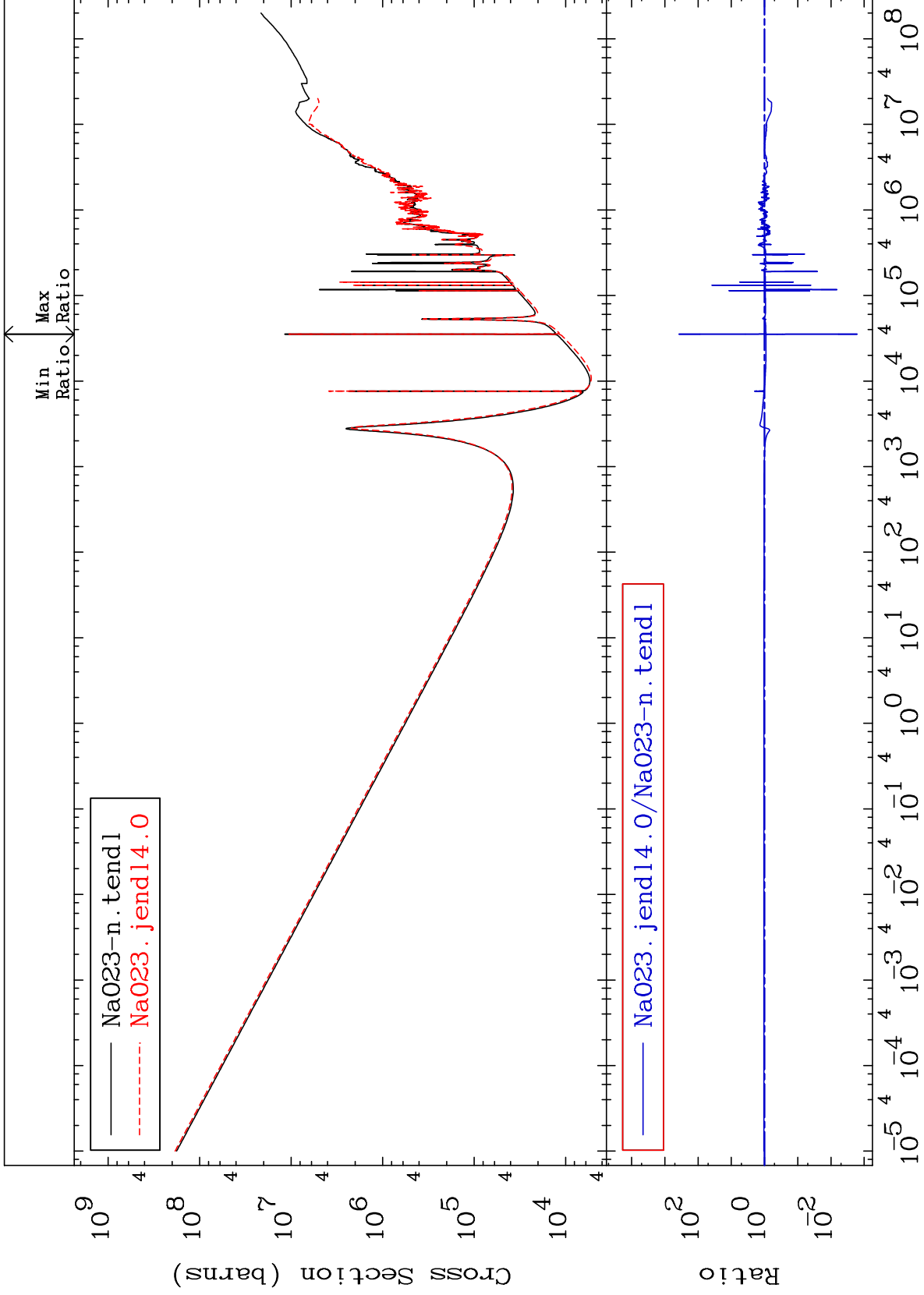
Incident Energy (eV)

11-Na-23

MAT 1125

Kerma total (eV-barns)
Cross Section

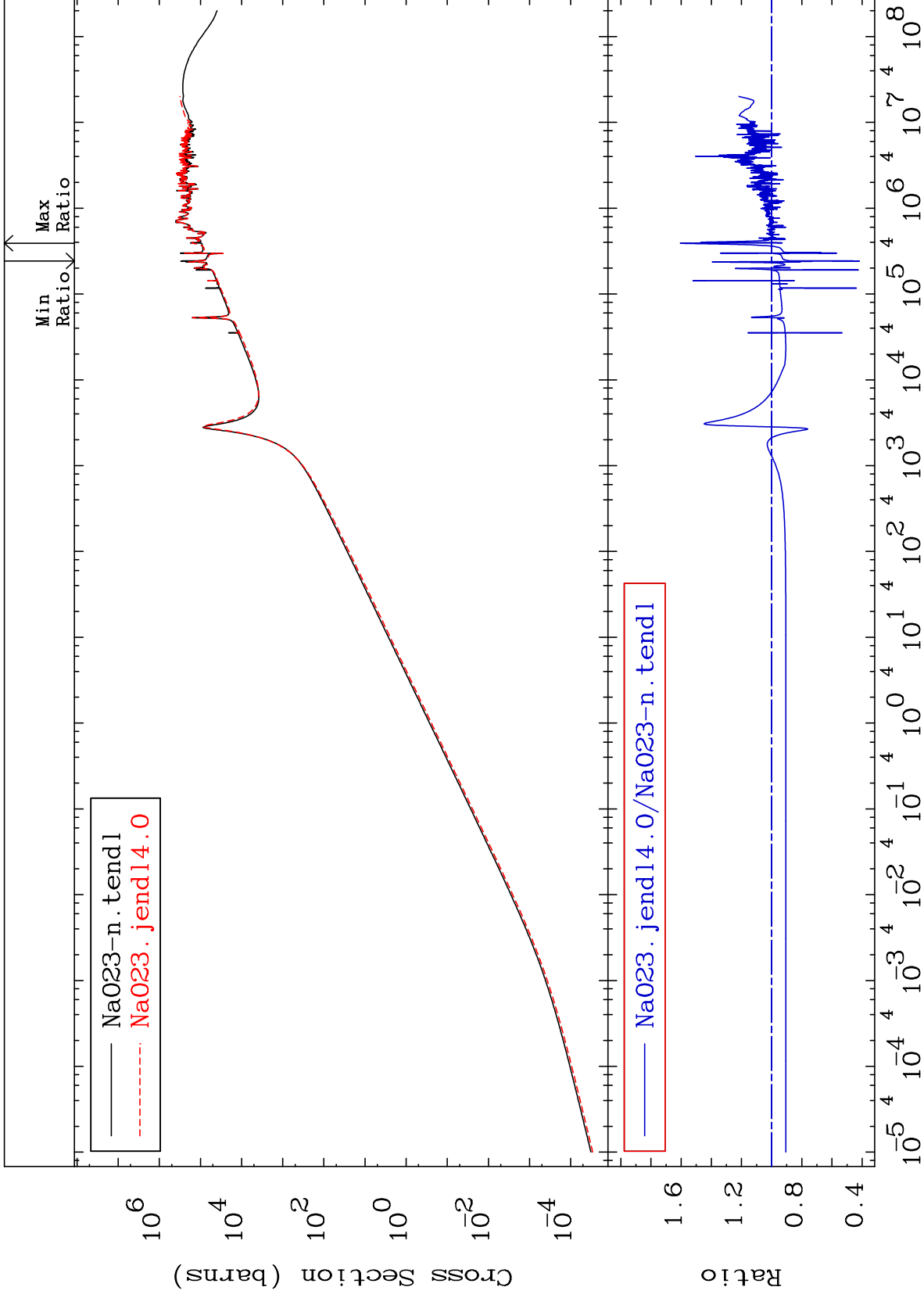
11-Na-23
-99.84 To 9999. %



MAT 1125

Kerma elastic
Cross Section

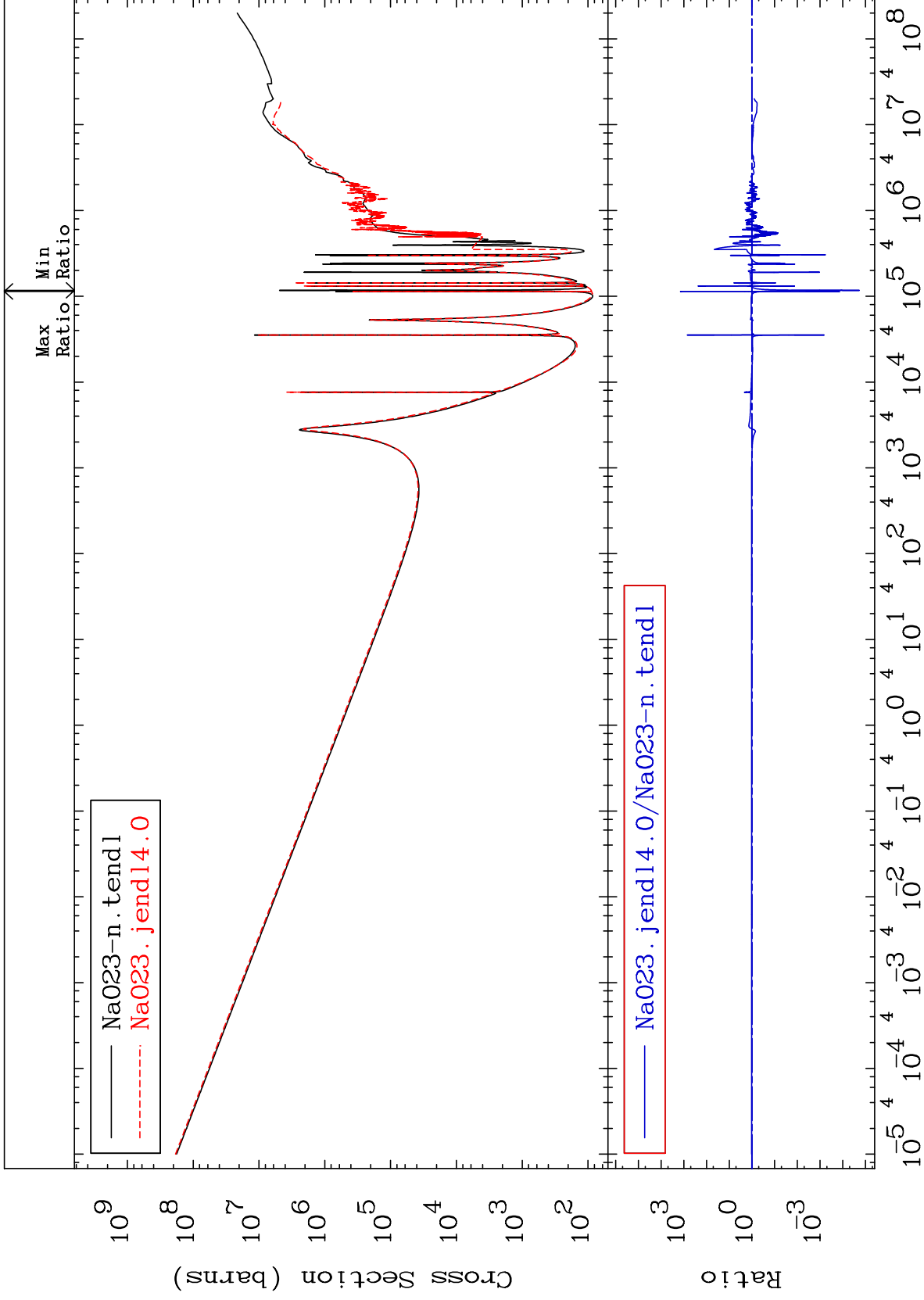
11-Na-23
-58.18 To 60.53 %

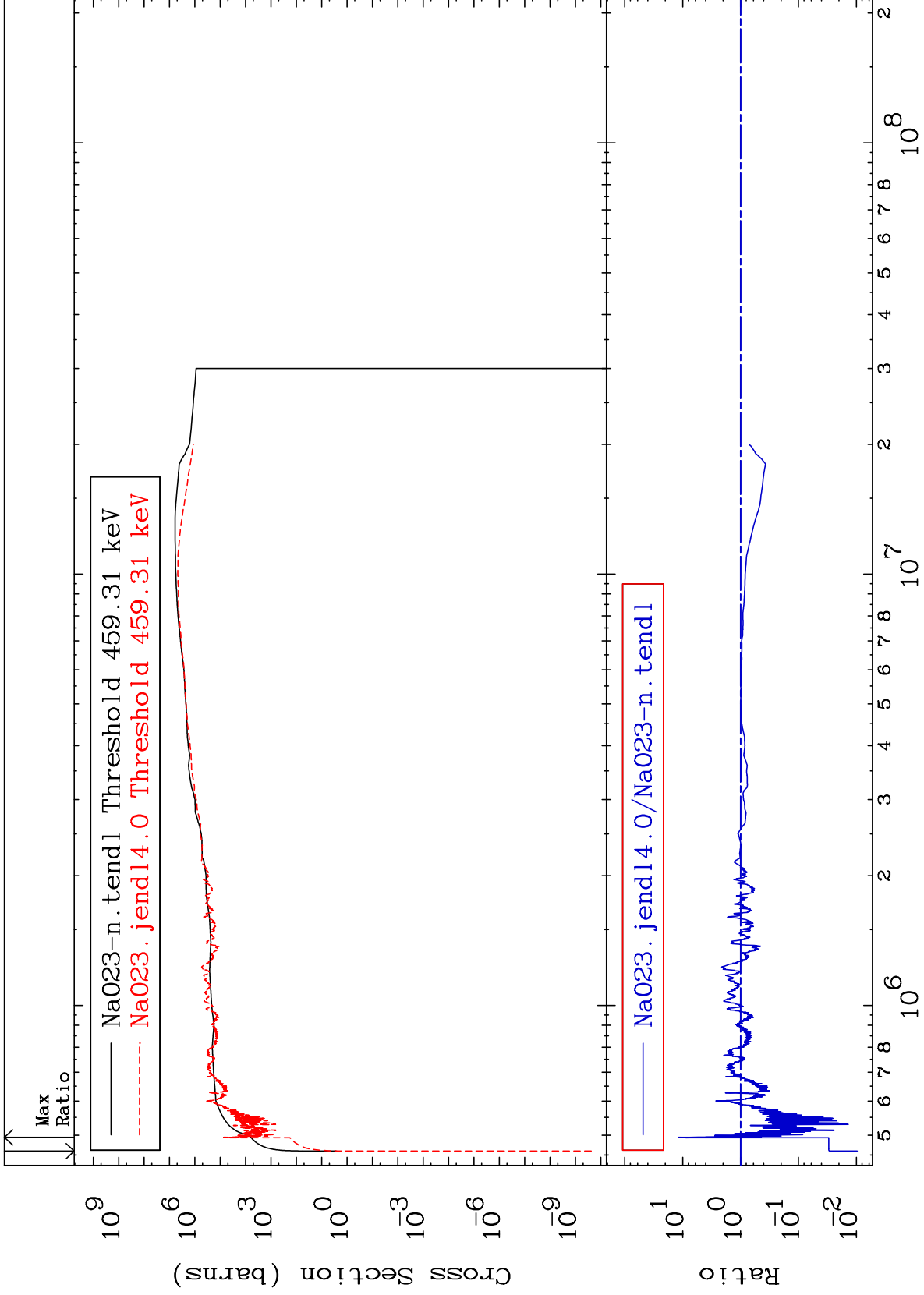


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Incident Energy (eV)

11-Na-23

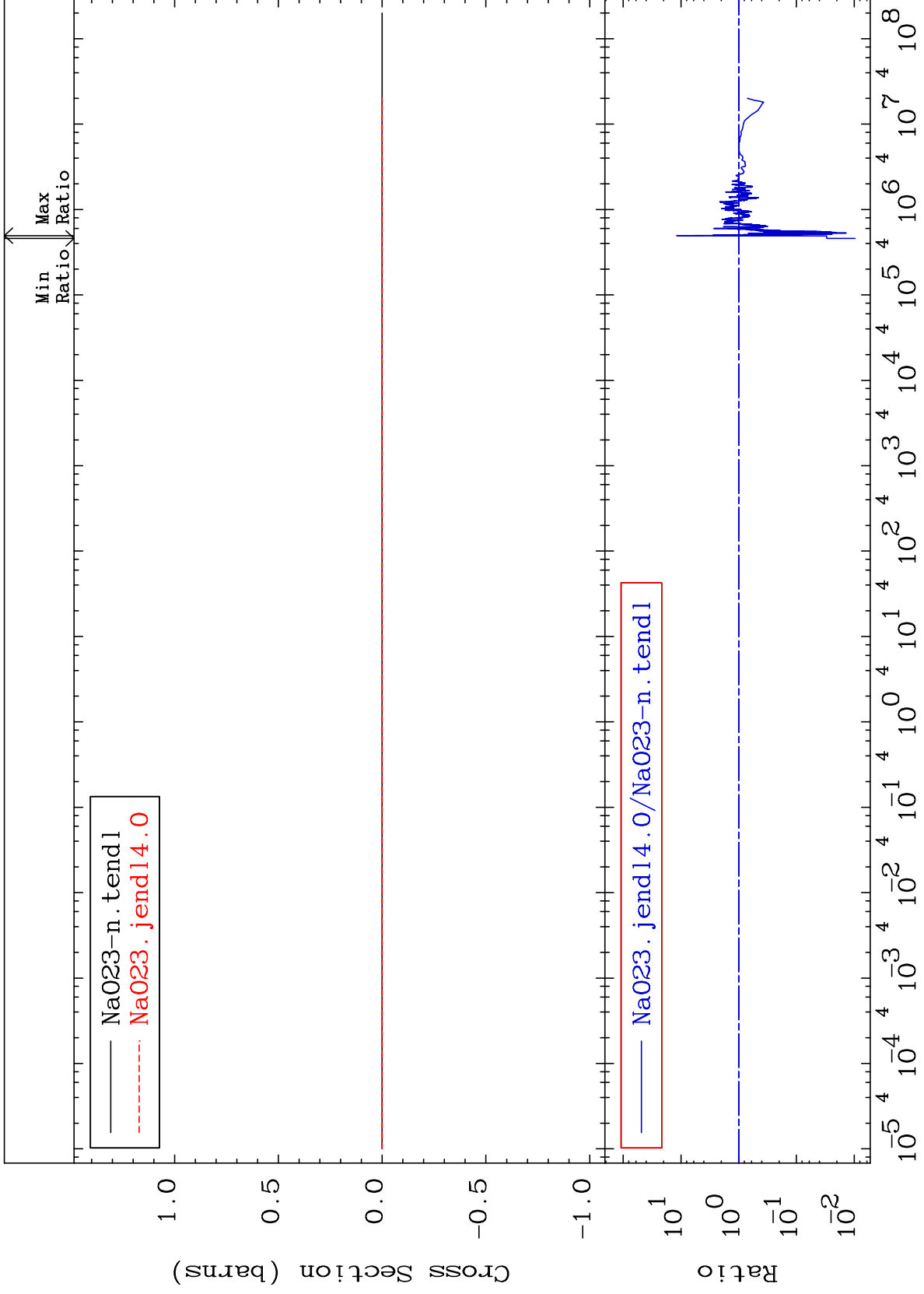




MAT 1125

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

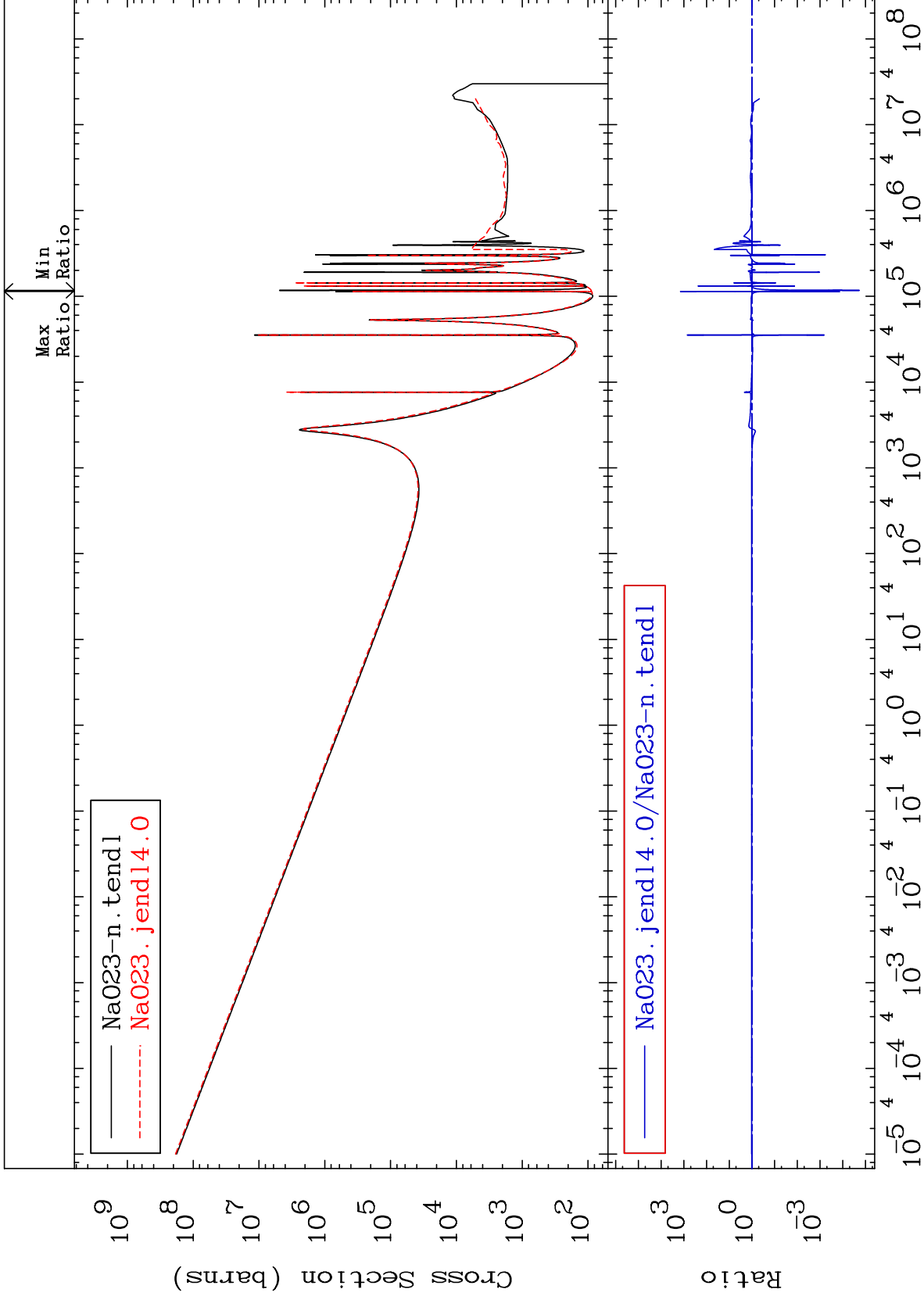
11-Na-23
-99.04 To 1075. %



MAT 1125

Kerma capture (mt102)
Cross Section

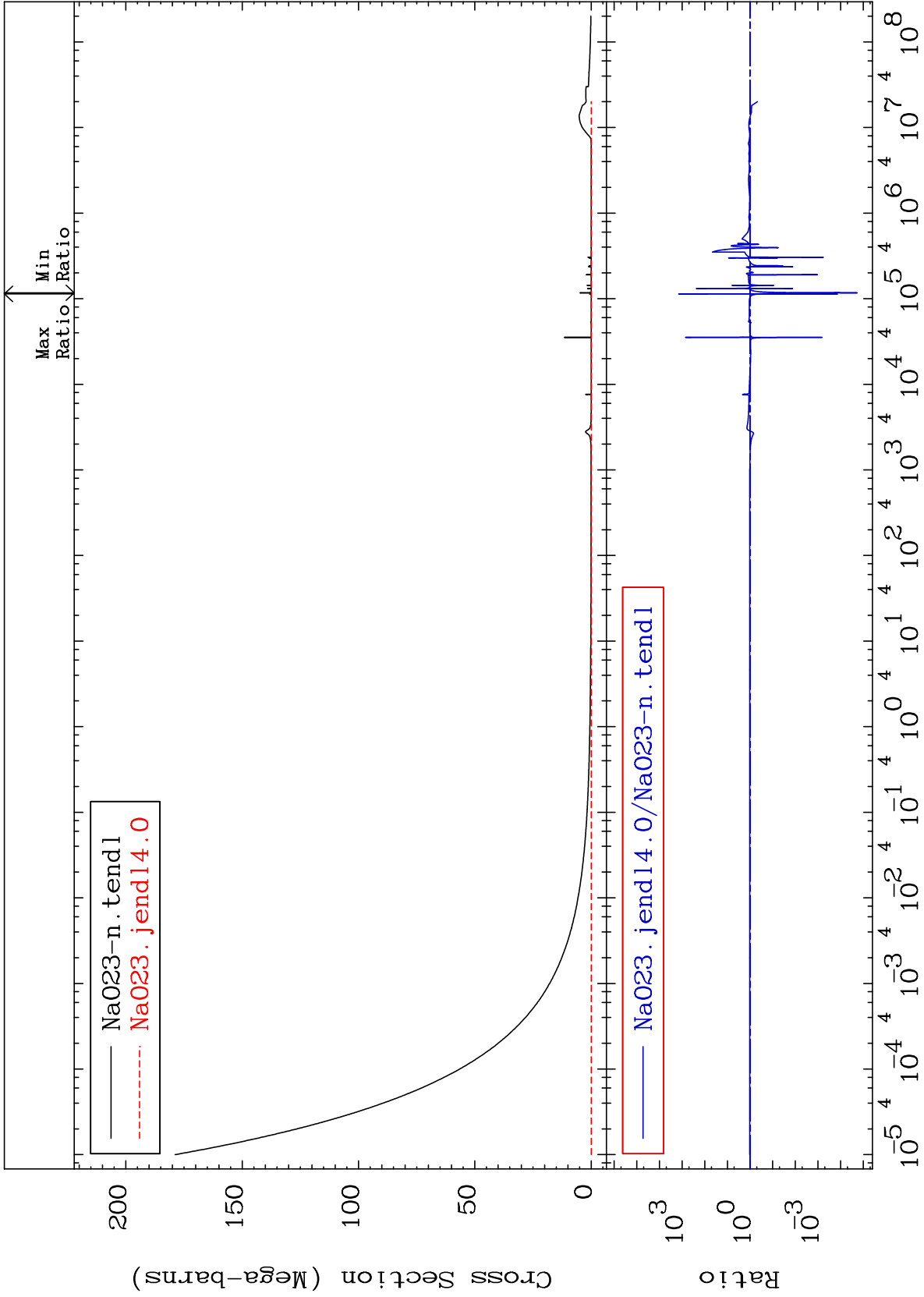
11-Na-23
-100.0 To 9999. %



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 51.61 %

