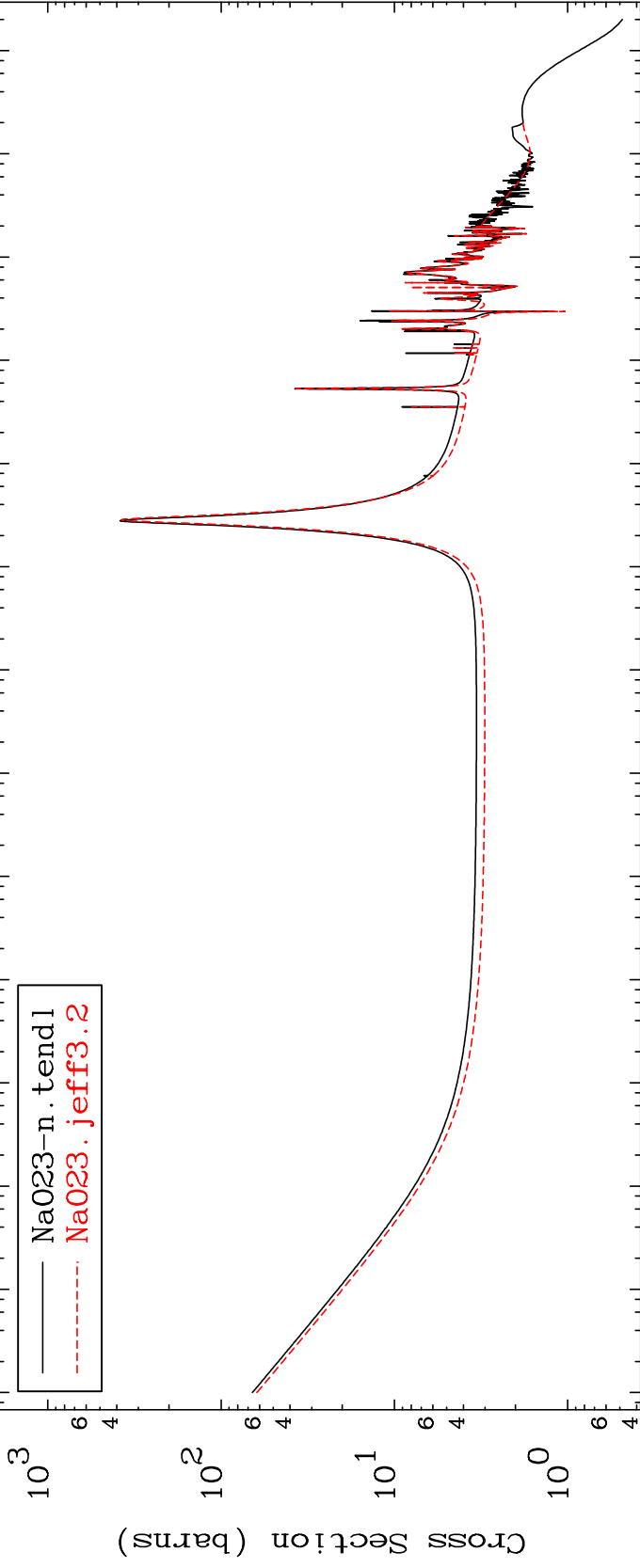


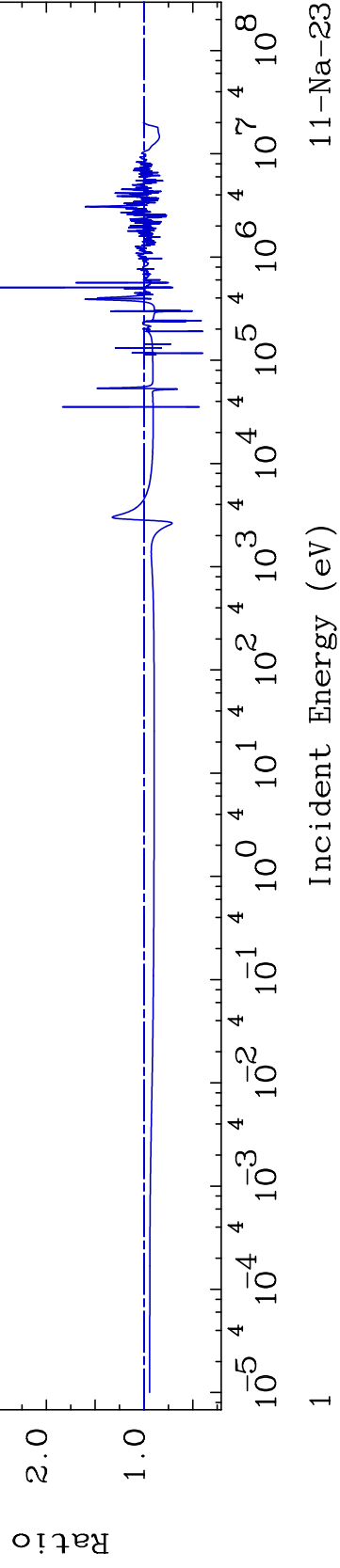
MAT 1125

Total
Cross Section

11-Na-23
-60.33 To 160.7 %



Na023.jeff3.2/Na023-n.tendl

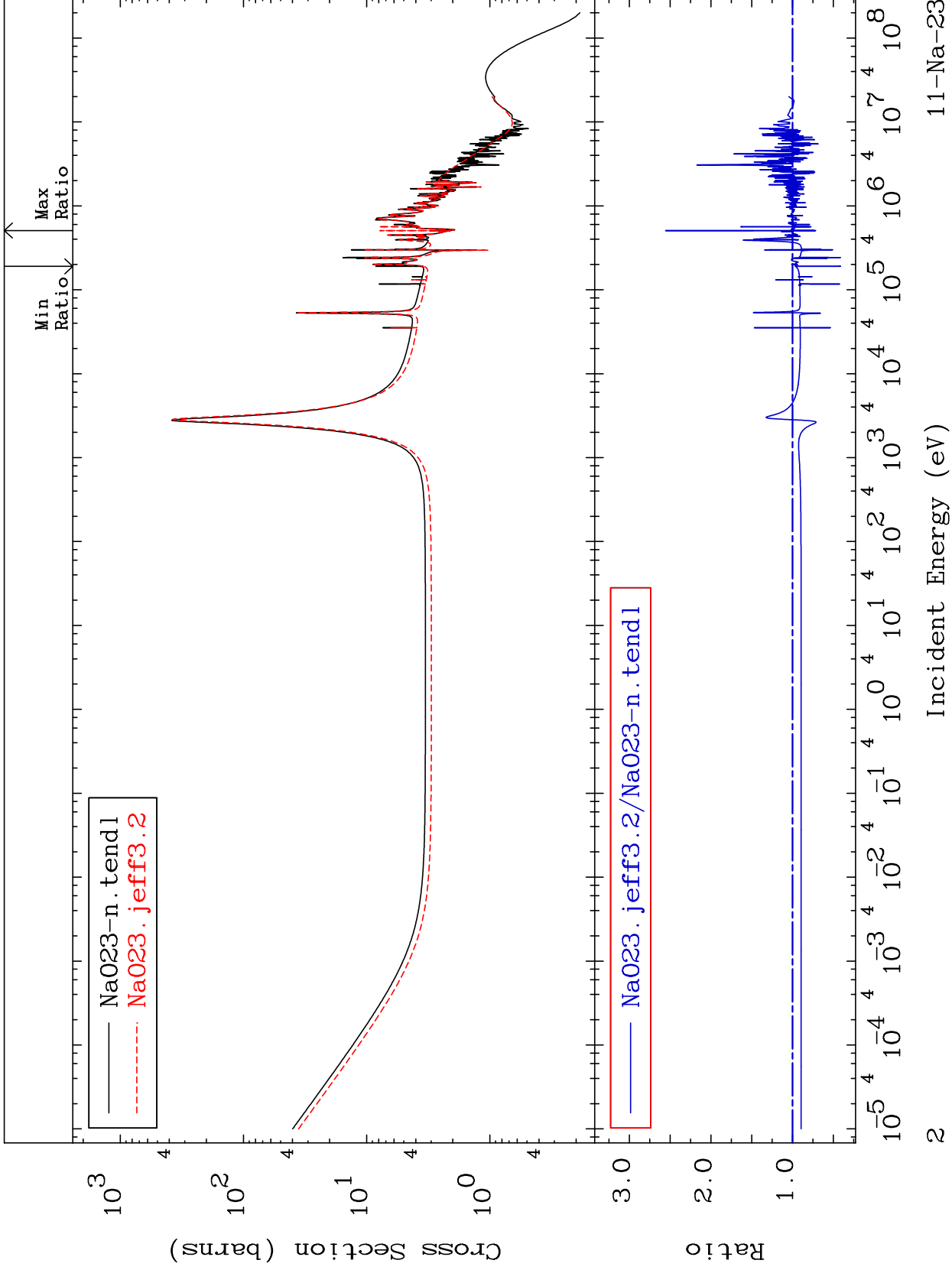


11-Na-23

MAT 1125

Elastic
Cross Section

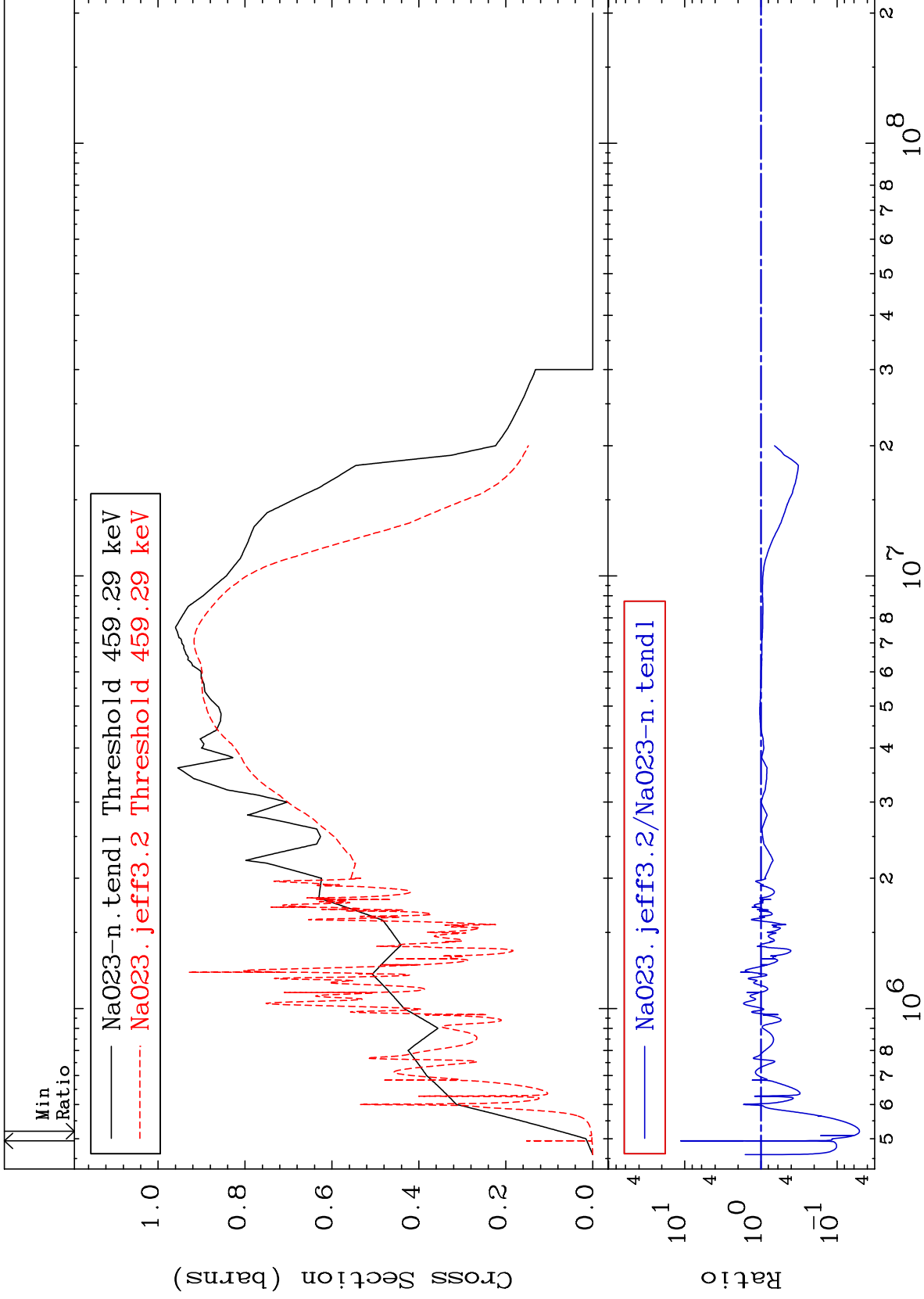
11-Na-23
-58.95 To 155.7 %



MAT 1125

Inelastic
Cross Section

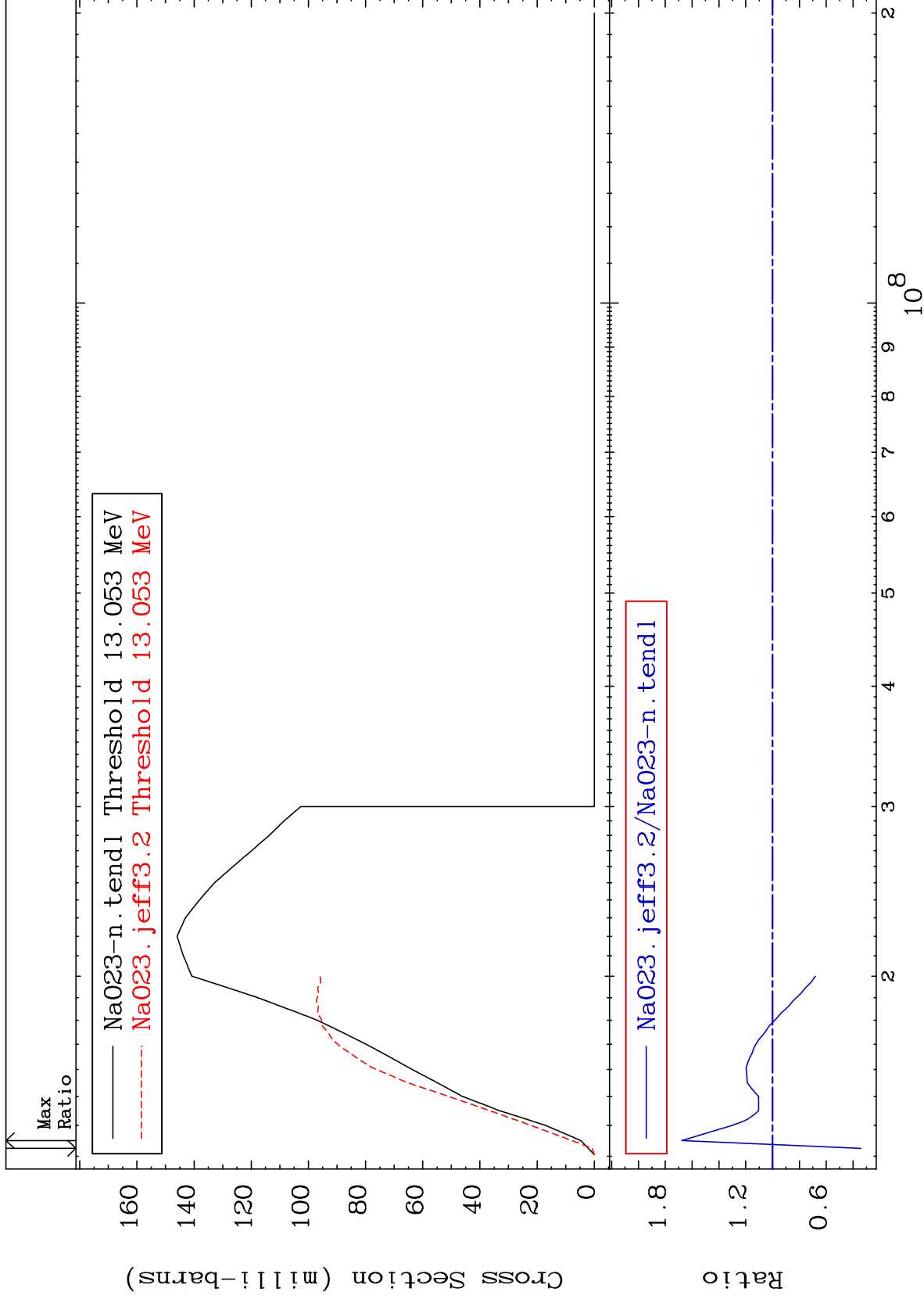
11-Na-23
-94.92 To 1043. %



MAT 1125

(n,2n)
Cross Section

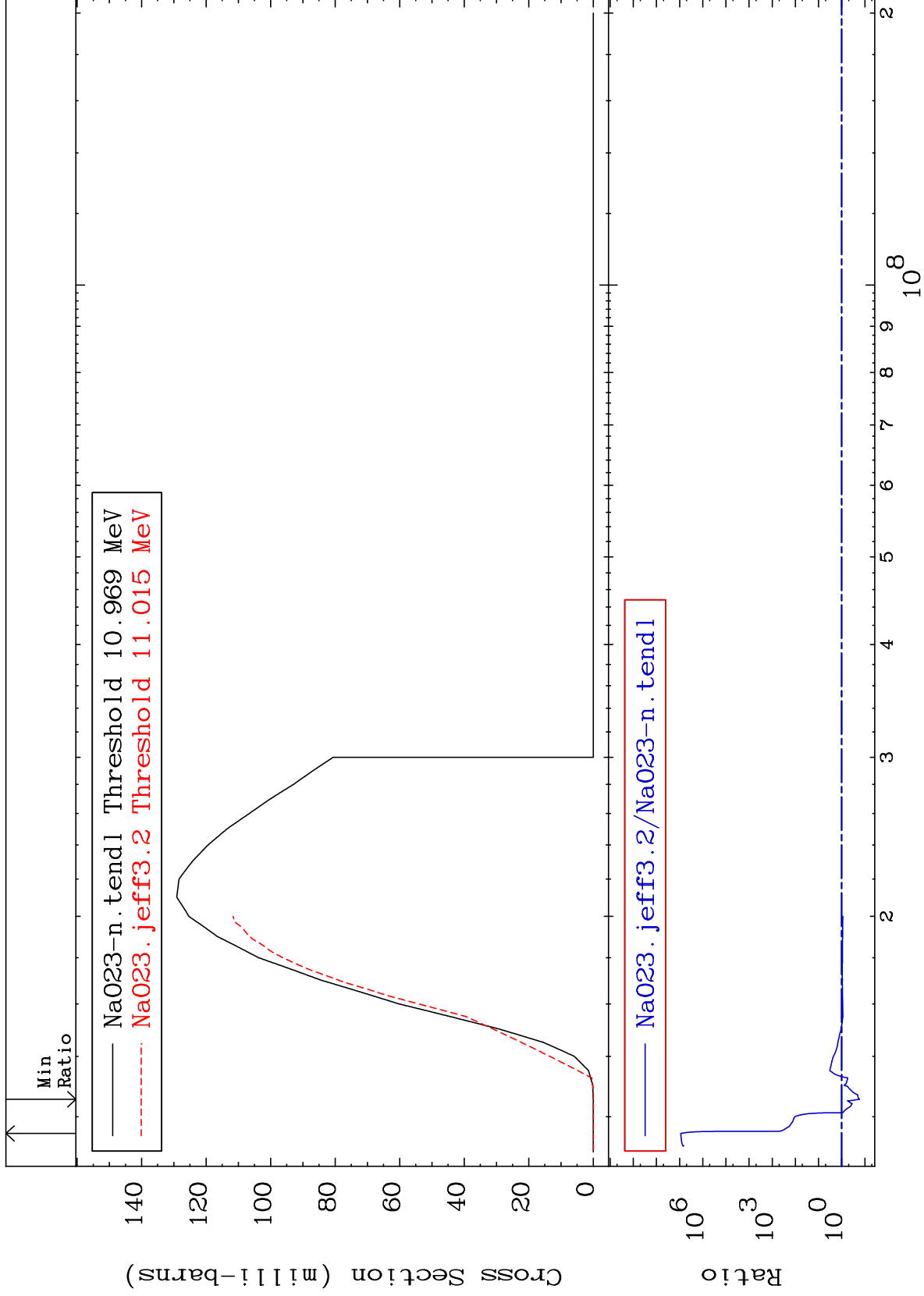
11-Na-23
-65.91 To 67.58 %



MAT 1125

(n, n') α
Cross Section

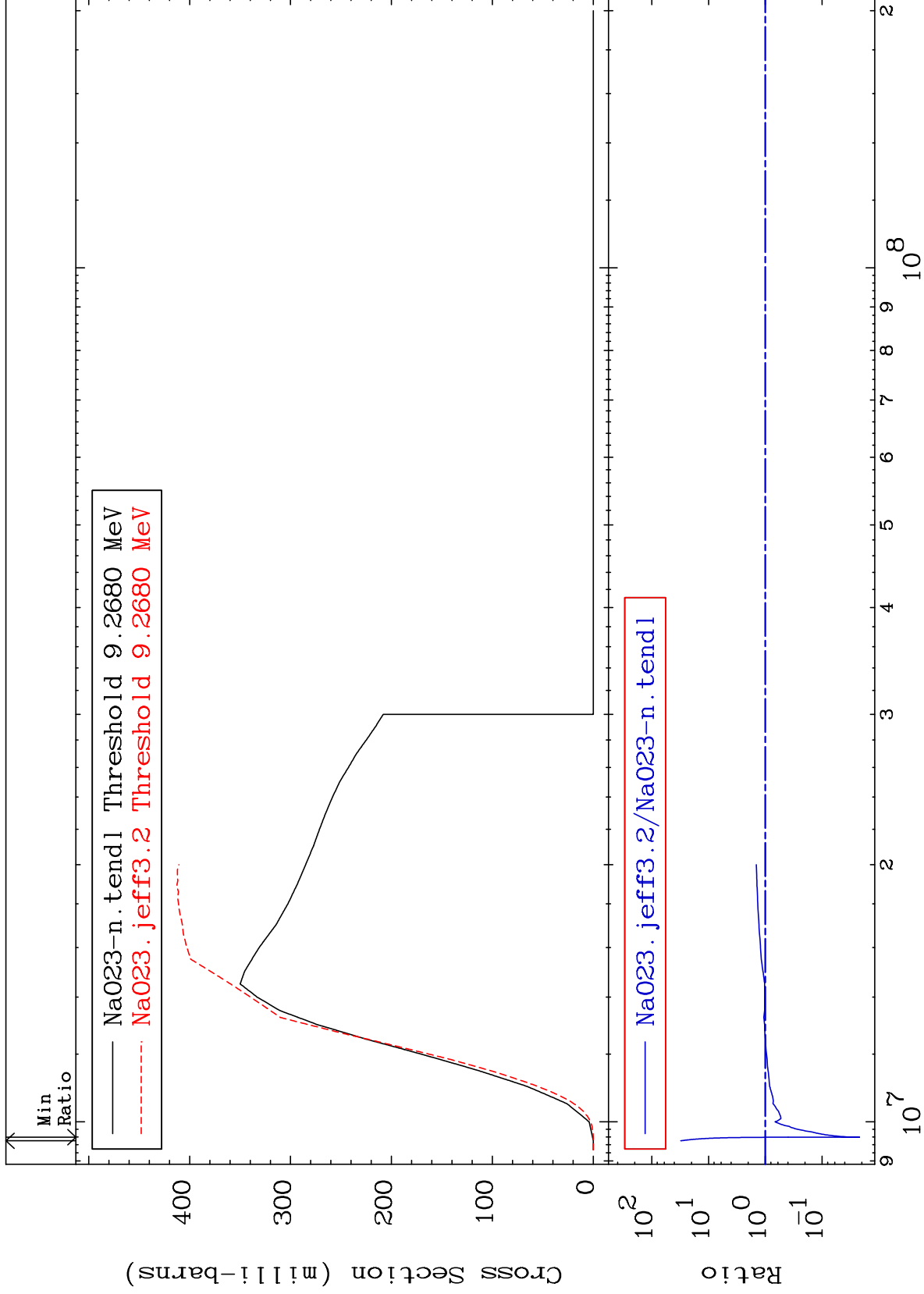
11-Na-23
-83.04 To 9999. %



MAT 1125

(n,n') p
Cross Section

11-Na-23
-97.81 To 2984. %



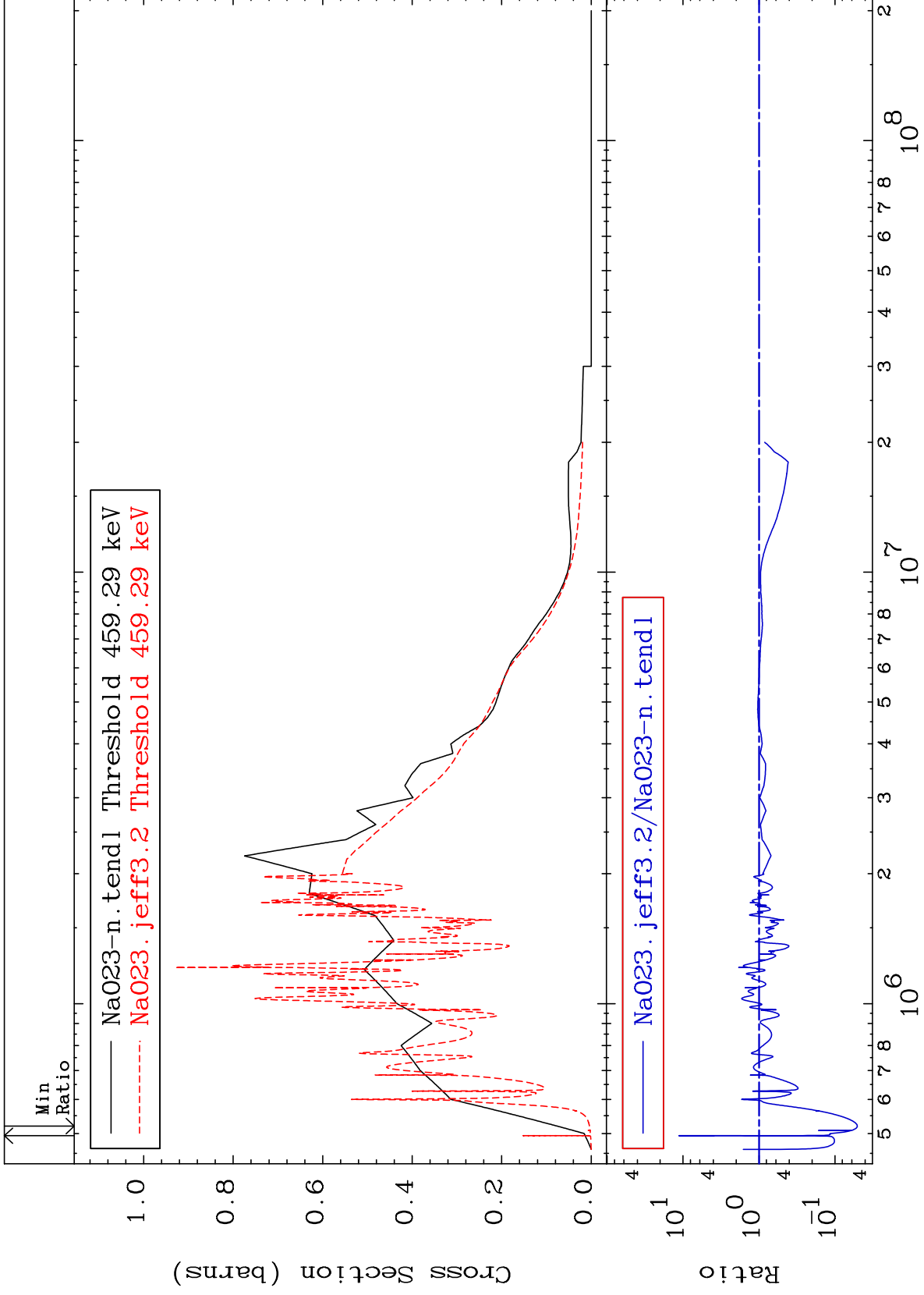
Incident Energy (eV)

11-Na-23

MAT 1125

440.0 keV (n,n') Level
Cross Section

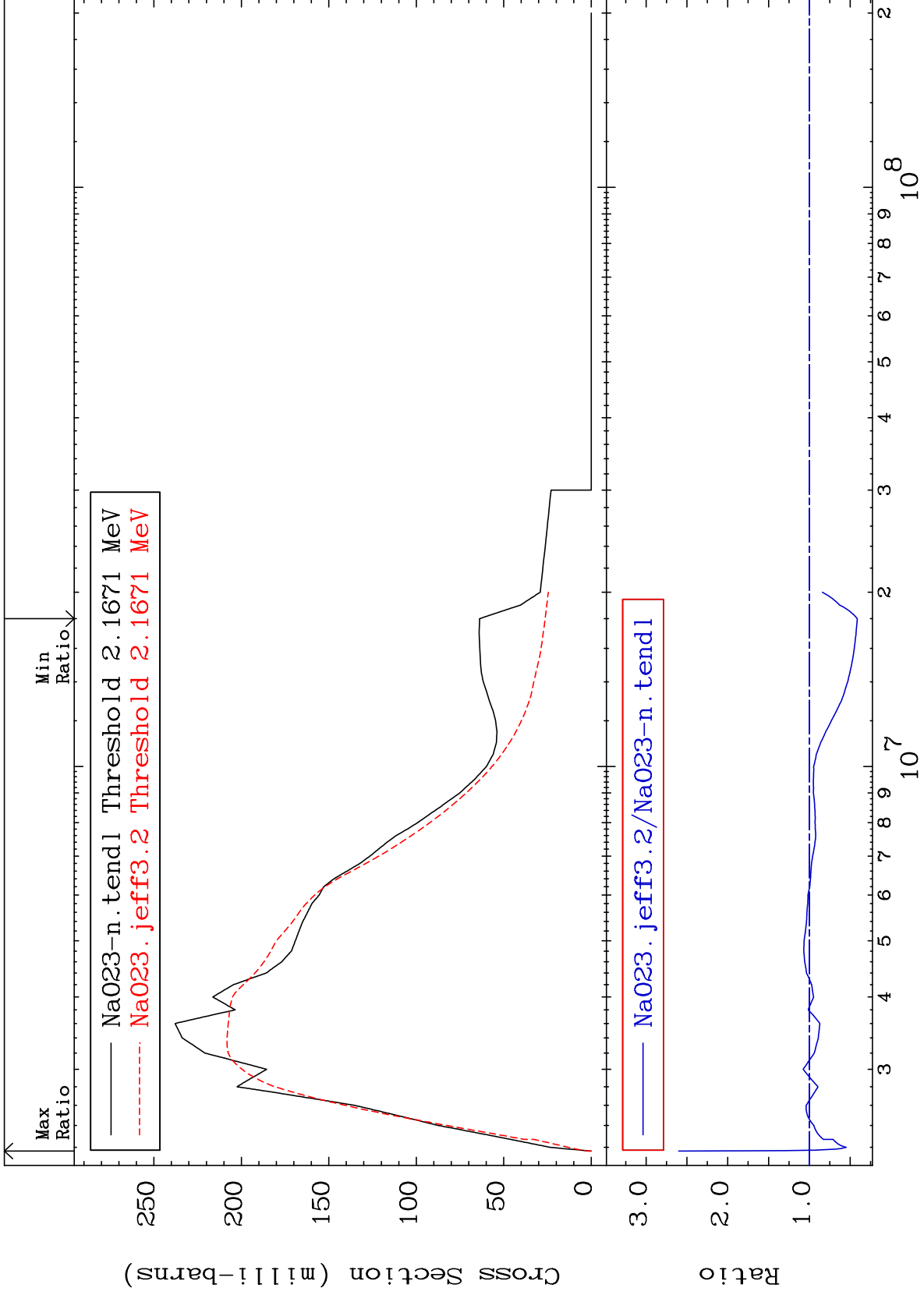
11-Na-23
-94.92 To 1043. %



MAT 1125

2.076 MeV (n,n') Level
Cross Section

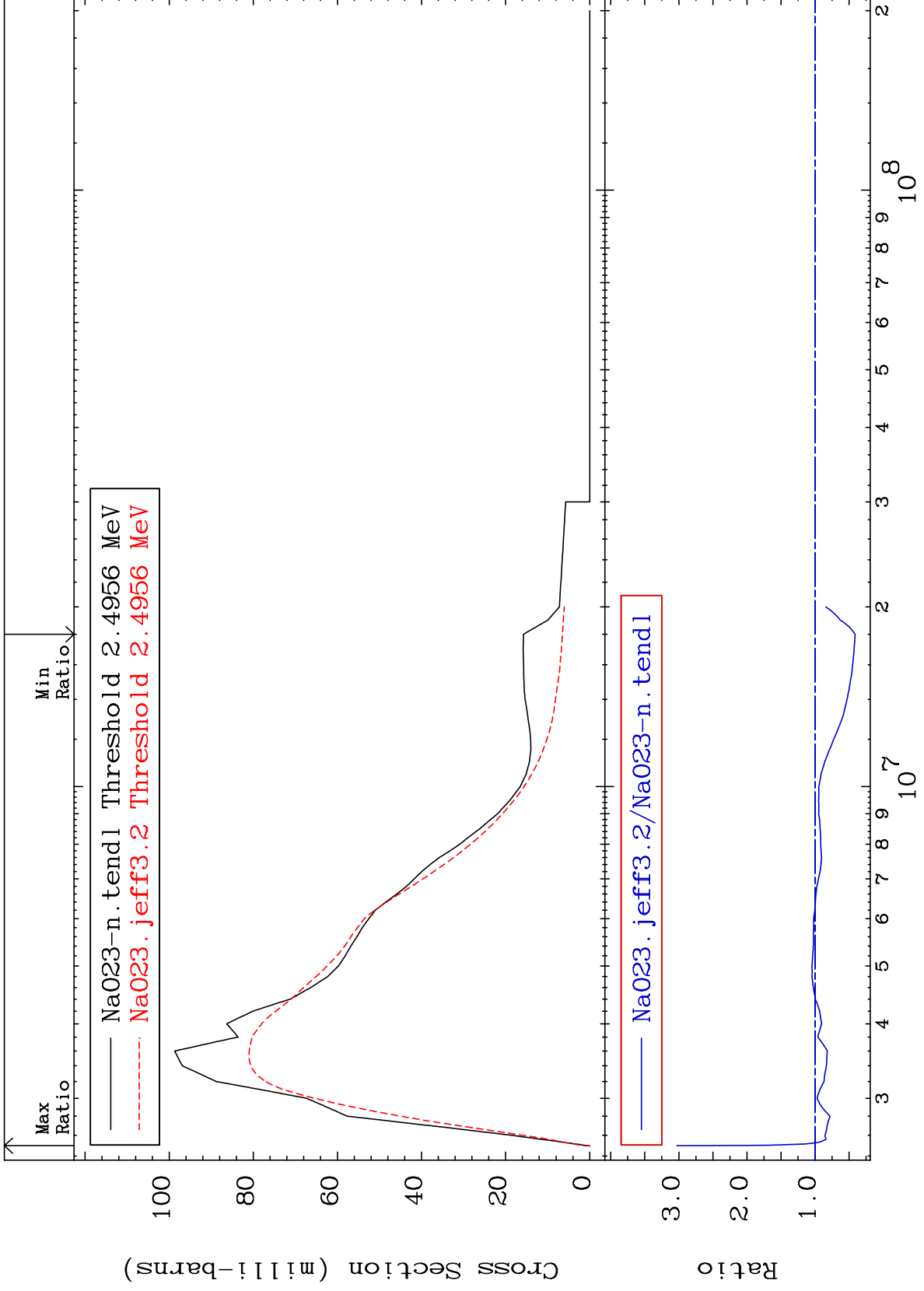
11-Na-23
-58.69 To 160.2 %



MAT 1125

2.391 MeV (n,n') Level
Cross Section

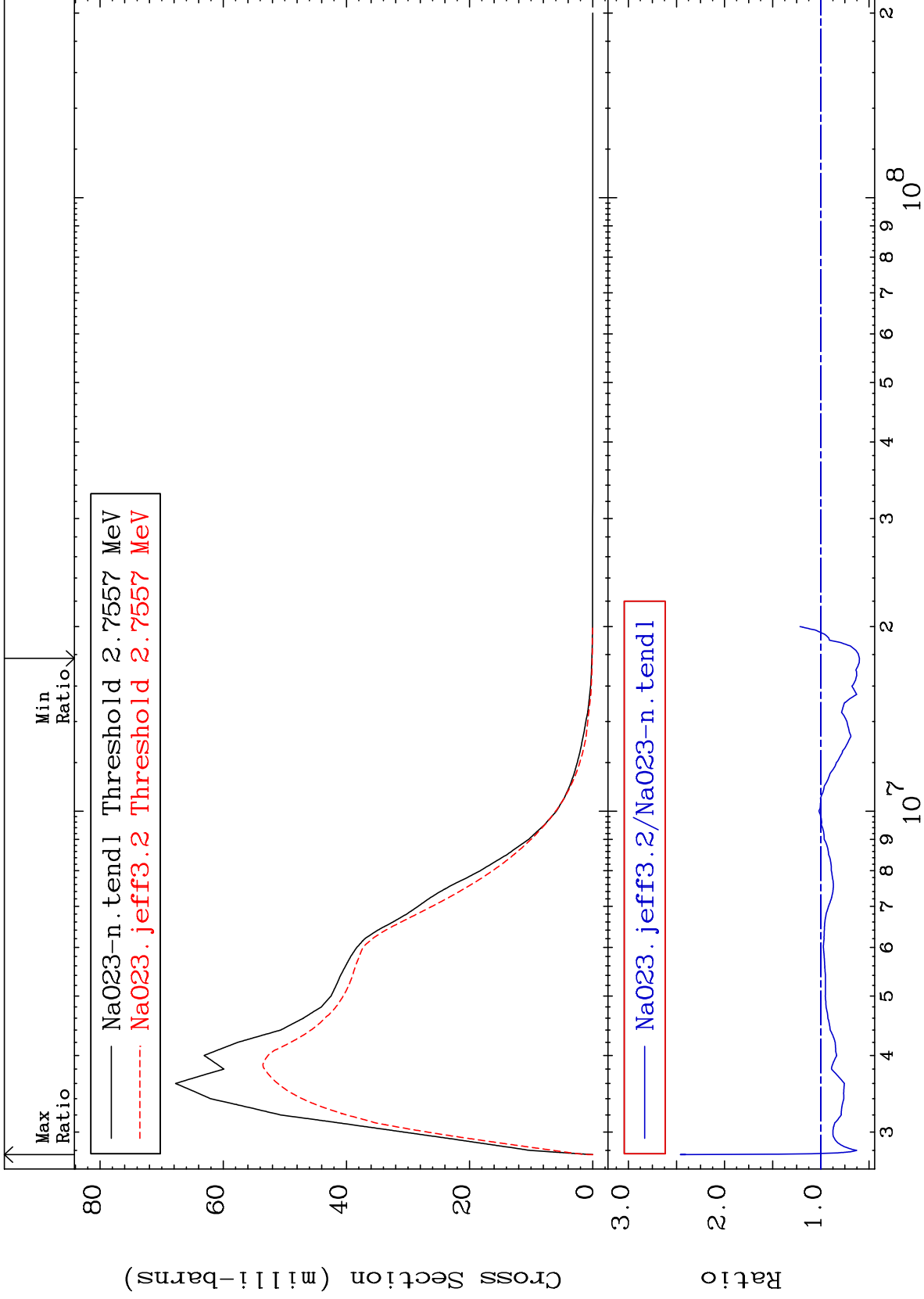
11-Na-23
-58.80 To 202.8 %



MAT 1125

2.640 MeV (n,n') Level
Cross Section

11-Na-23
-40.11 To 145.9 %



10

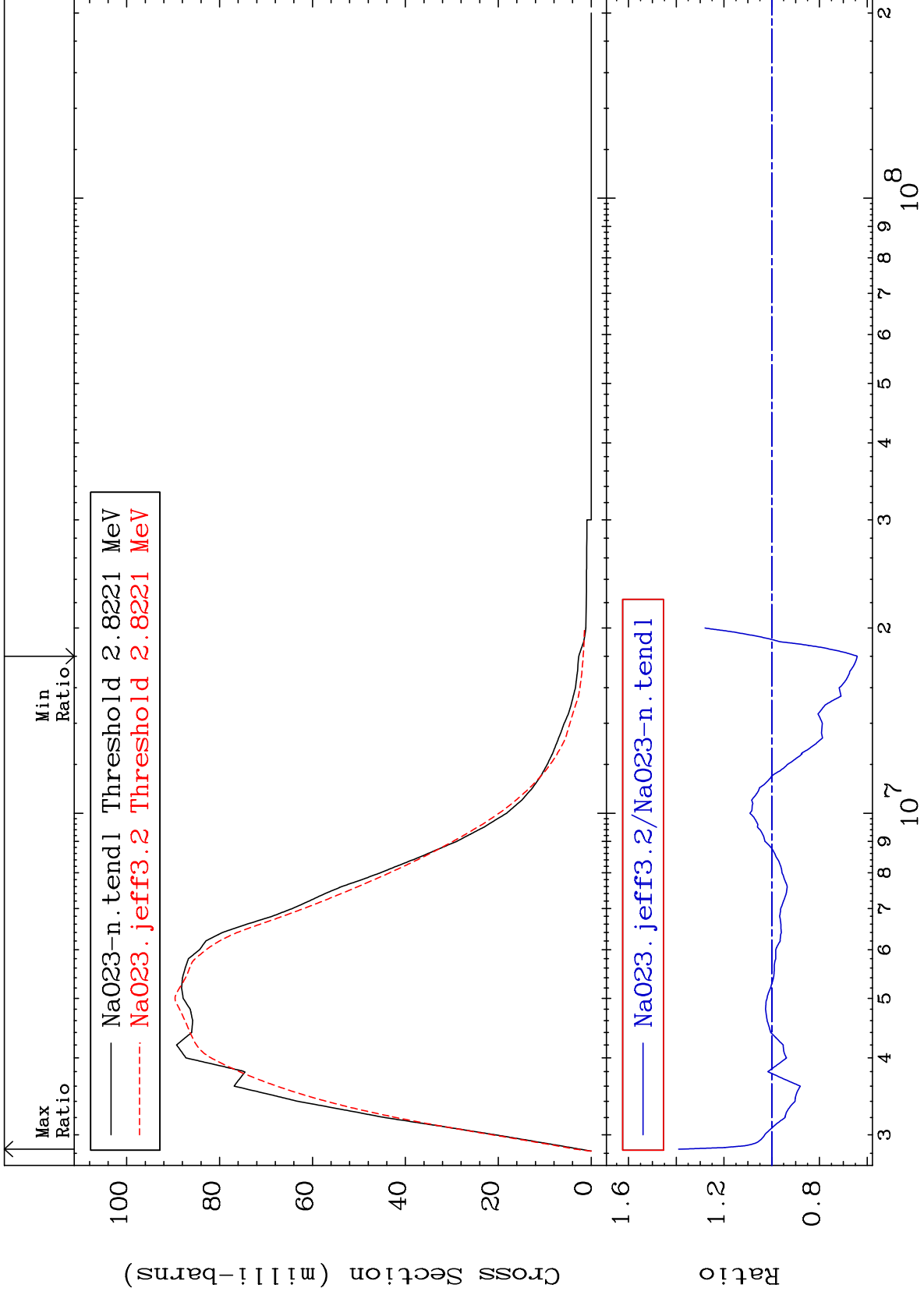
Incident Energy (eV)

11-Na-23

MAT 1125

2.704 MeV (n,n') Level
Cross Section

11-Na-23
-35.82 To 39.02 %



11

Incident Energy (eV)

11-Na-23

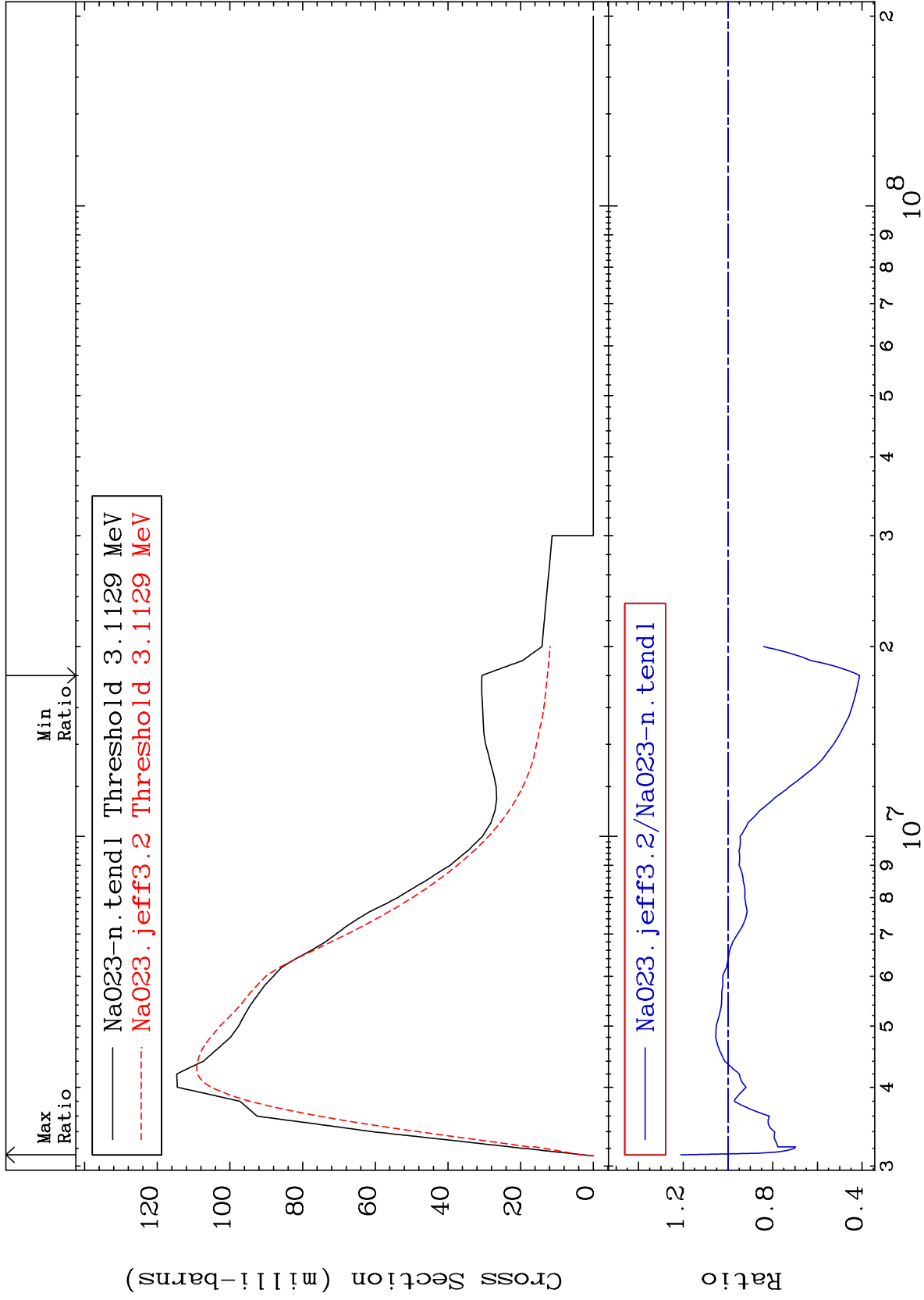
MAT 1125

2.982 MeV (n,n') Level

11-Na-23

-58.84 To 21.09 %

Cross Section



12

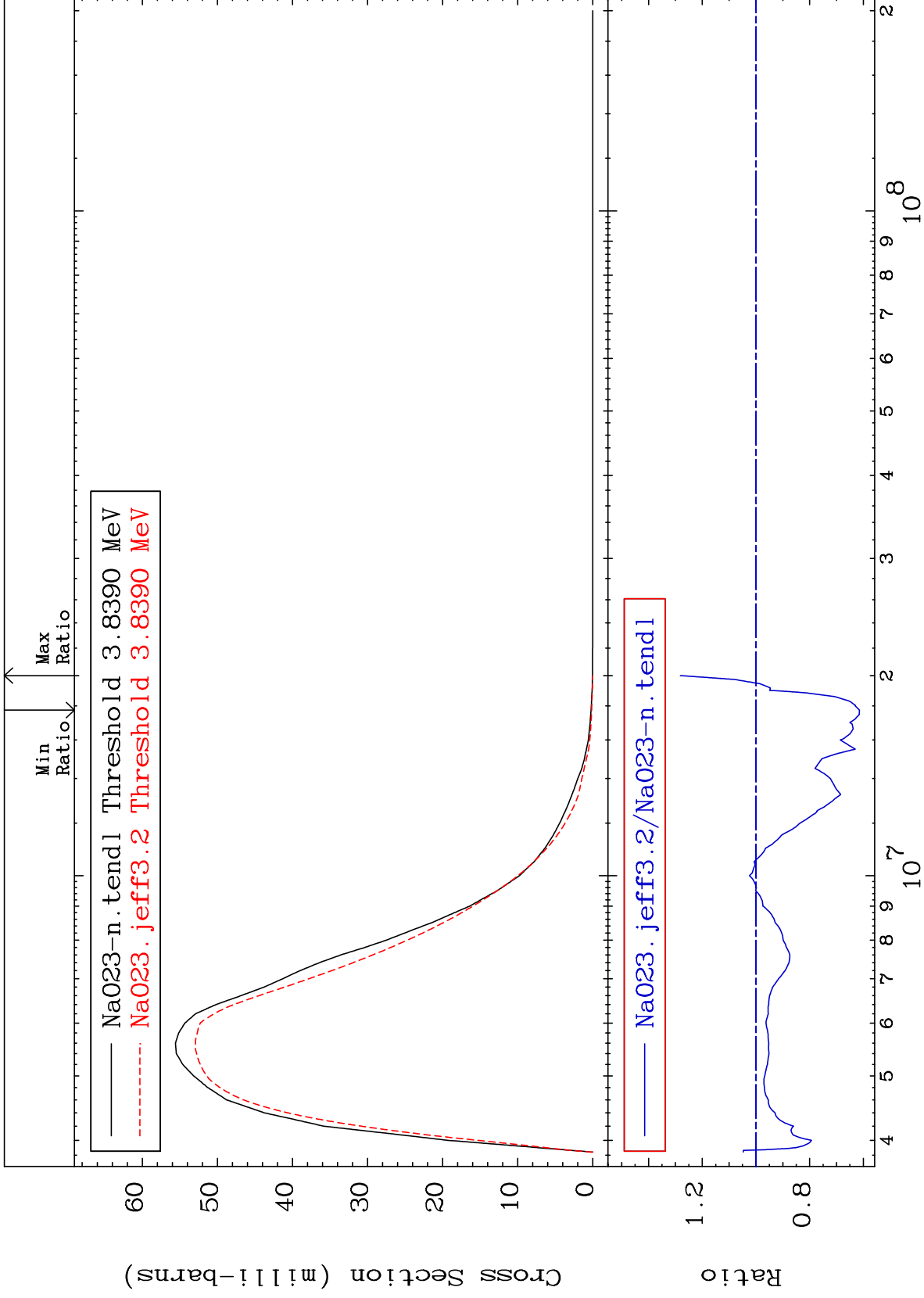
Incident Energy (eV)

11-Na-23

MAT 1125

3.678 MeV (n,n') Level
Cross Section

11-Na-23
-38.54 To 28.15 %



13

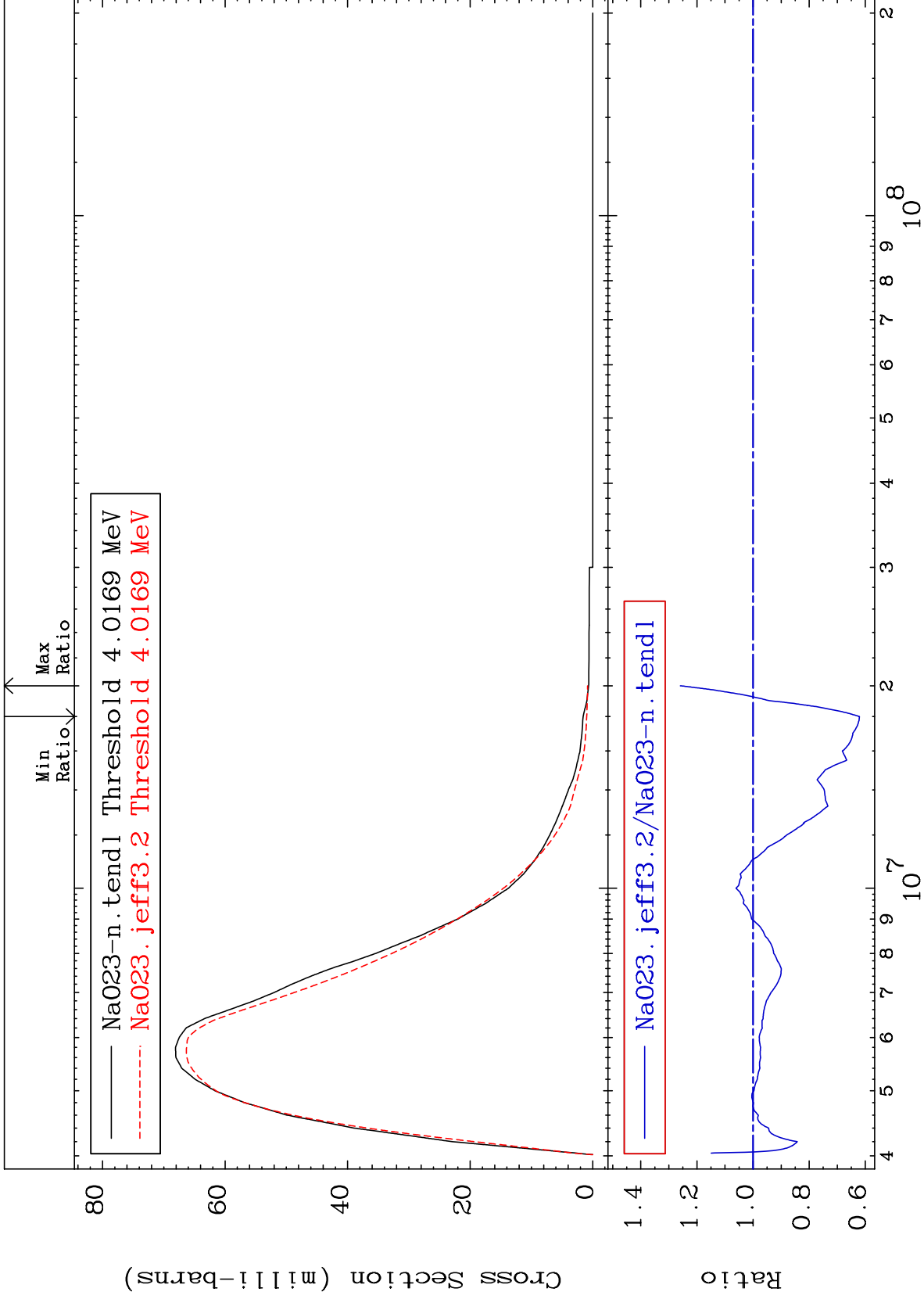
Incident Energy (eV)

11-Na-23

MAT 1125

3.848 MeV (n,n') Level
Cross Section

11-Na-23
-37.89 To 25.90 %



14

Incident Energy (eV)

11-Na-23

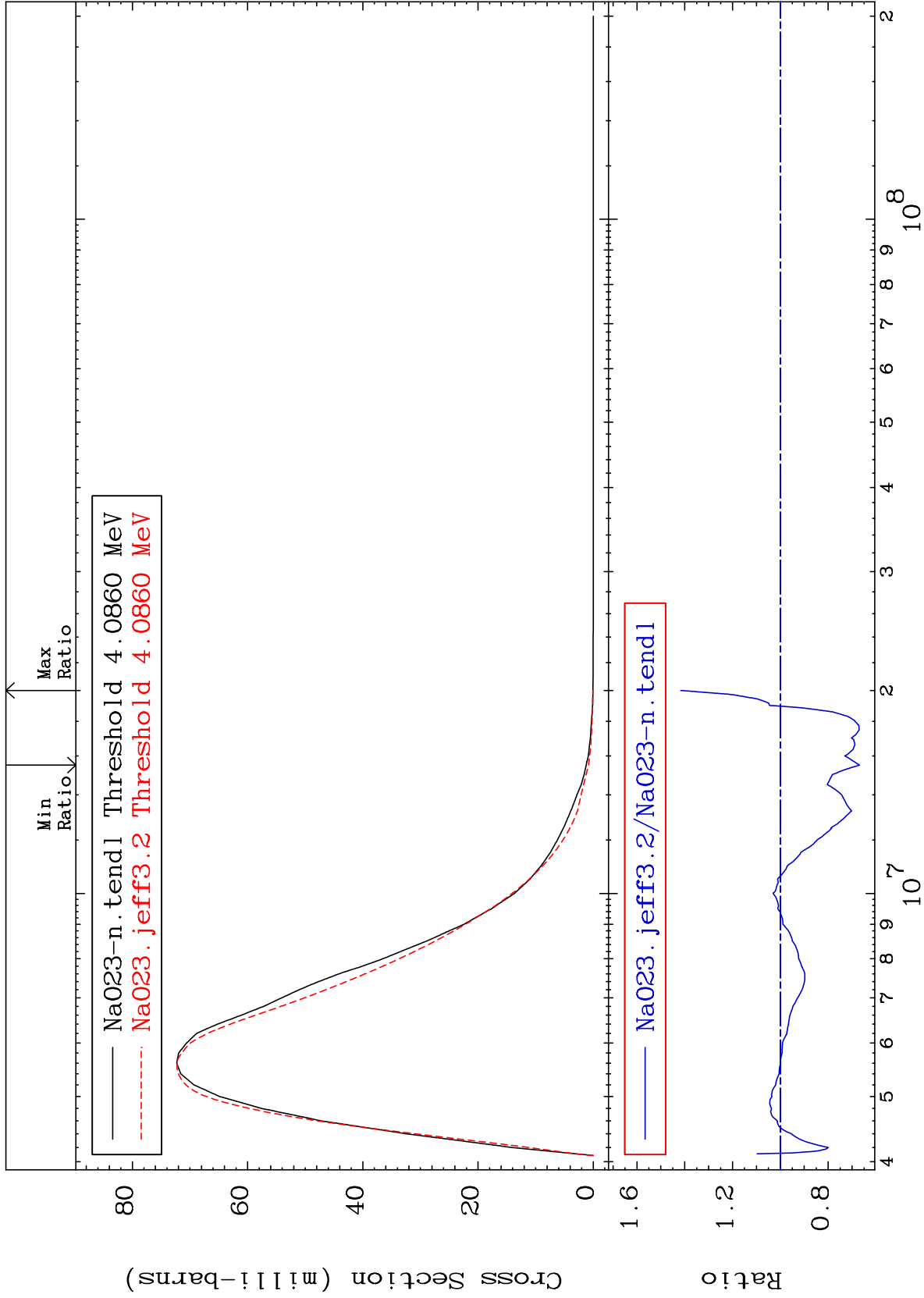
MAT 1125

3.914 MeV (n,n') Level

11-Na-23

-33.13 To 41.66 %

Cross Section



15

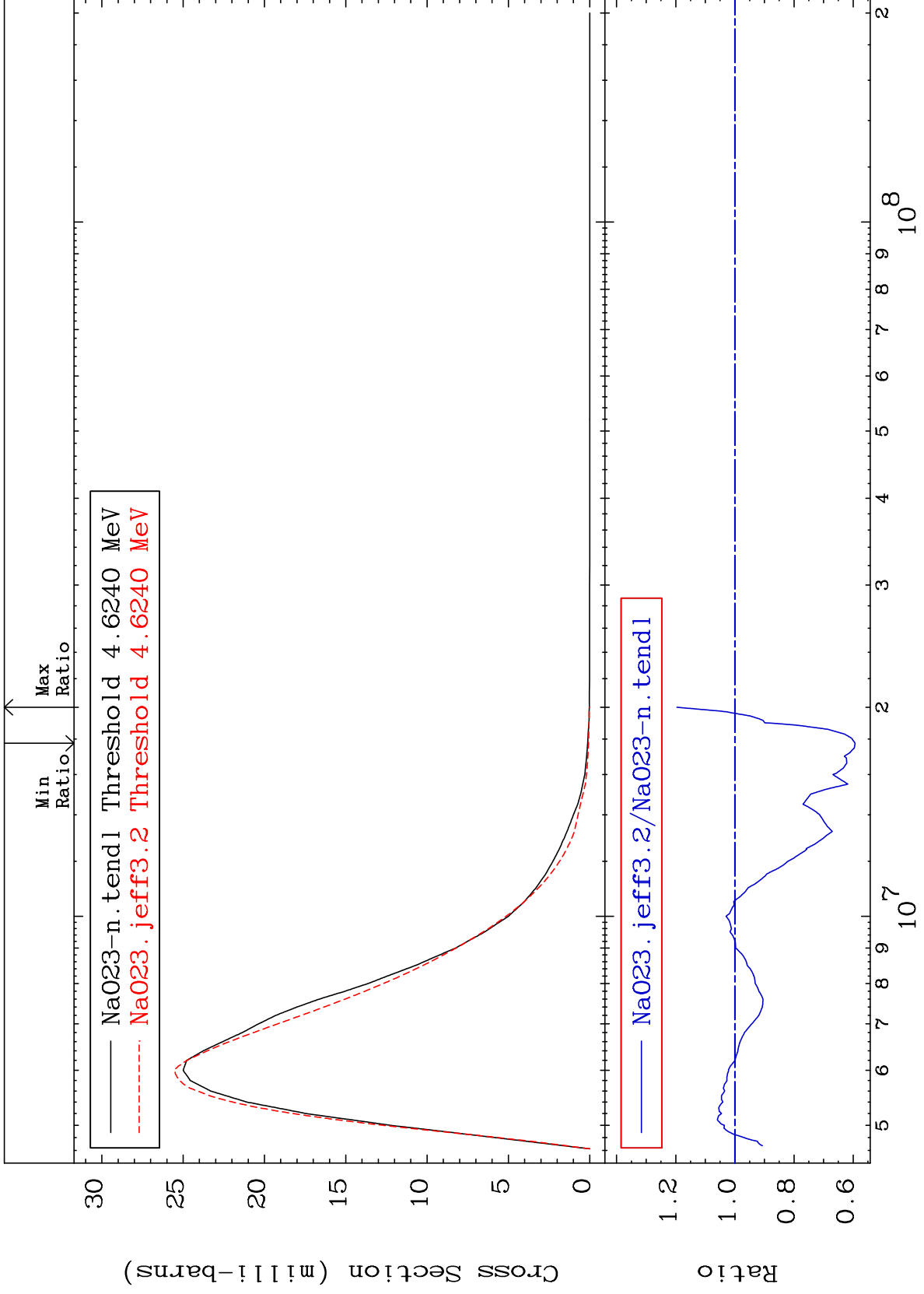
Incident Energy (eV)

11-Na-23

MAT 1125

4.430 MeV (n,n') Level
Cross Section

11-Na-23
-40.66 To 19.60 %



16

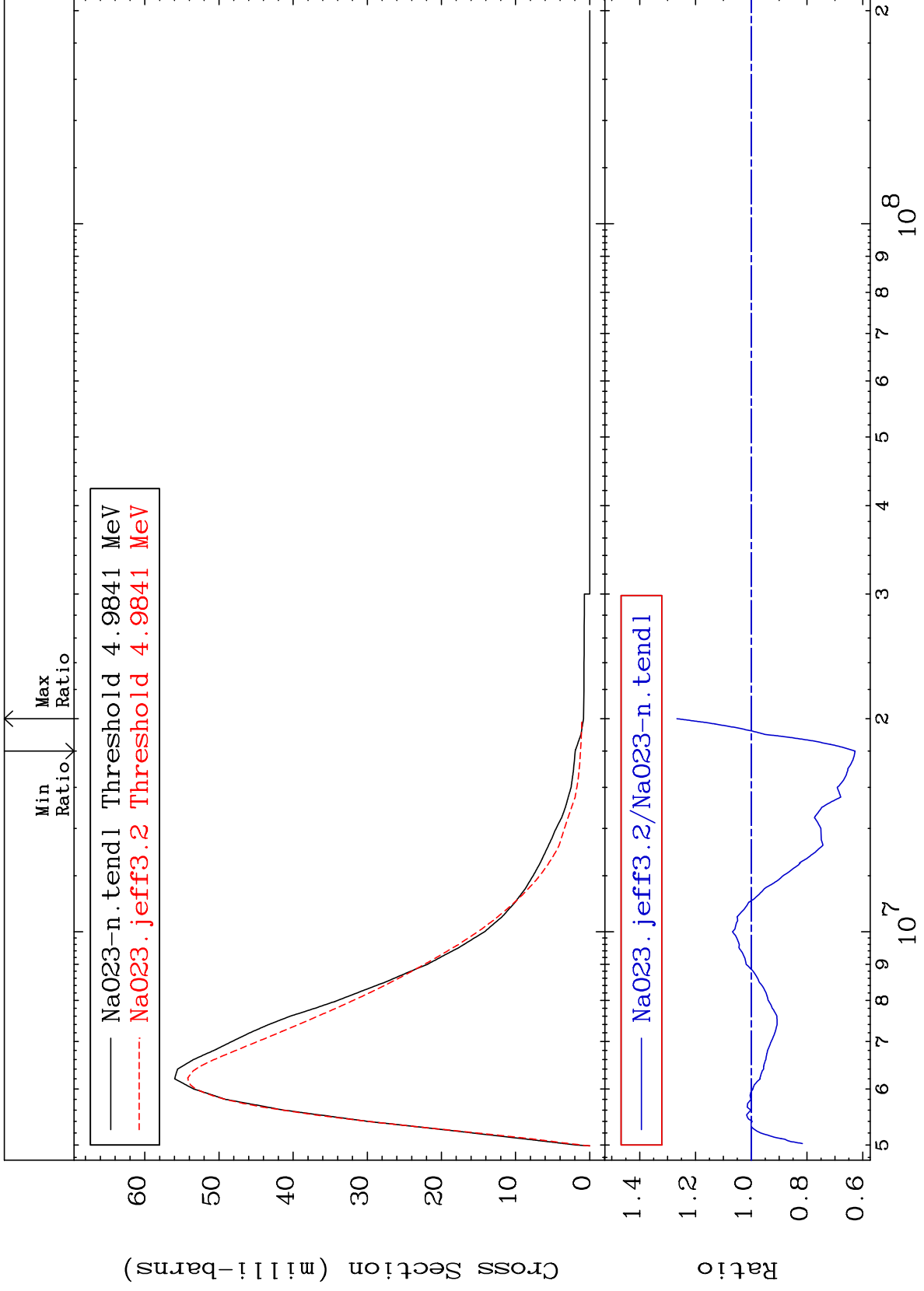
Incident Energy (eV)

11-Na-23

MAT 1125

4.775 MeV (n,n') Level
Cross Section

11-Na-23
-37.23 To 26.65 %



17

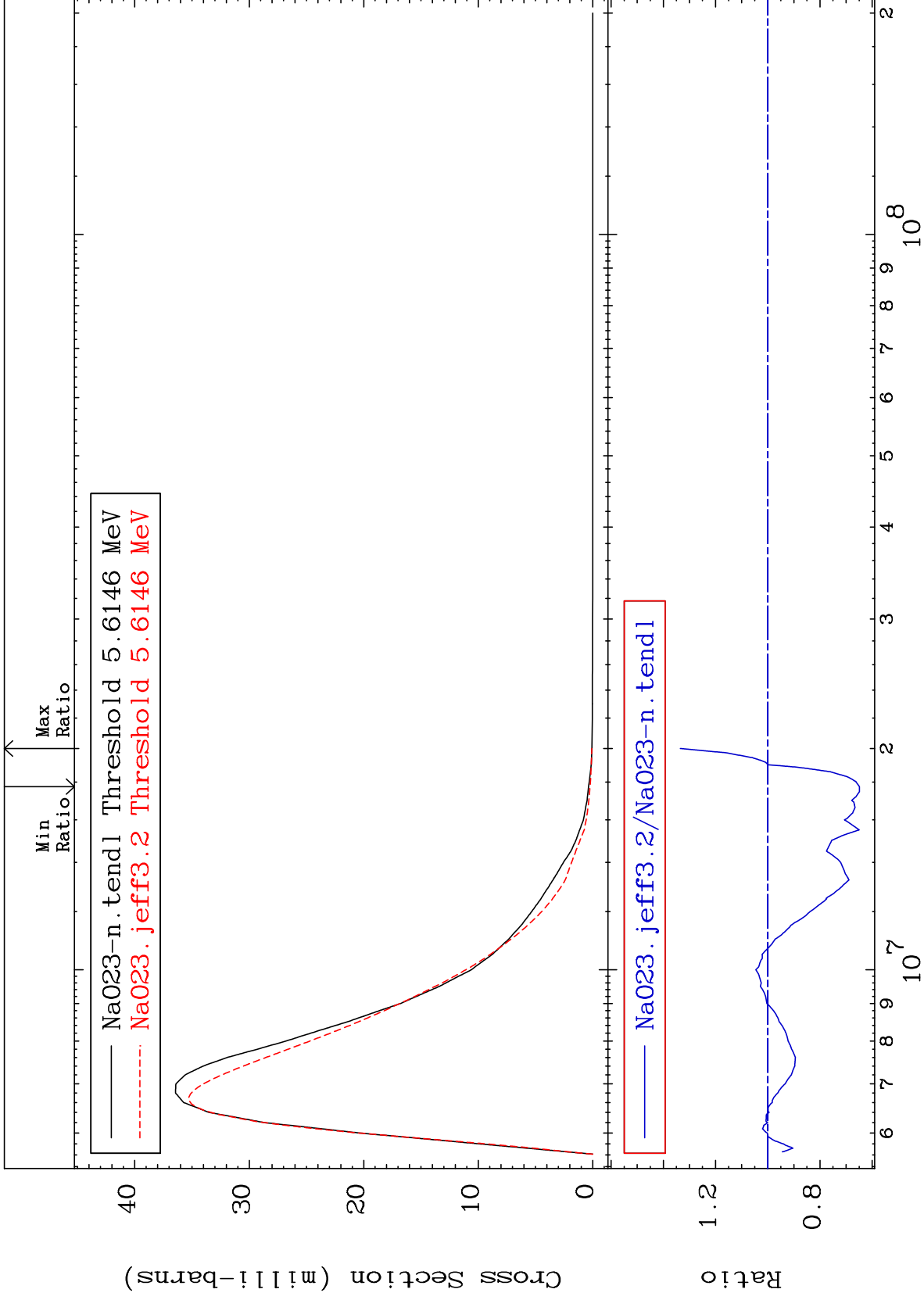
Incident Energy (eV)

11-Na-23

MAT 1125

5.379 MeV (n,n') Level
Cross Section

11-Na-23
-35.11 To 33.48 %



18

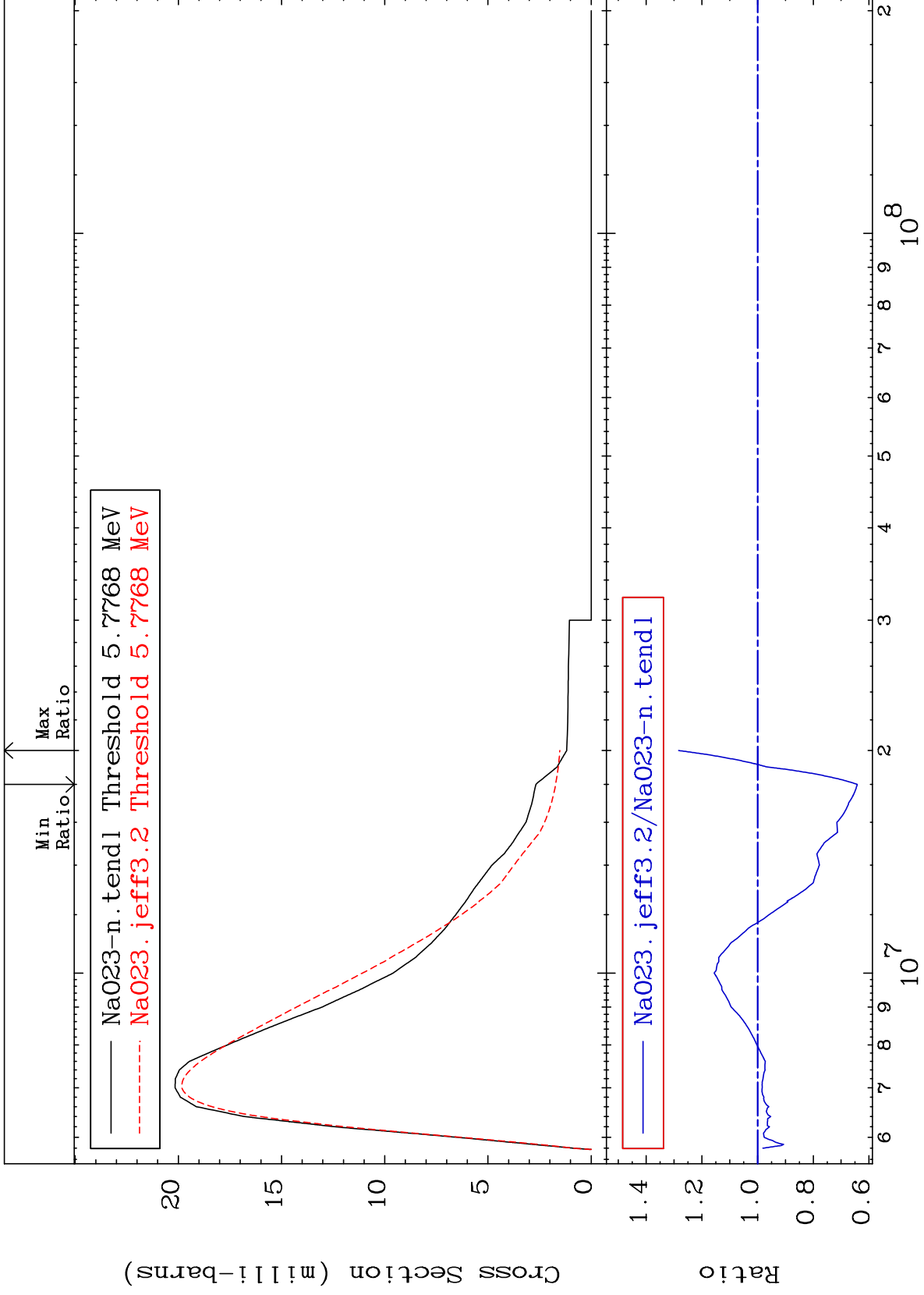
Incident Energy (eV)

11-Na-23

MAT 1125

5.534 MeV (n,n') Level
Cross Section

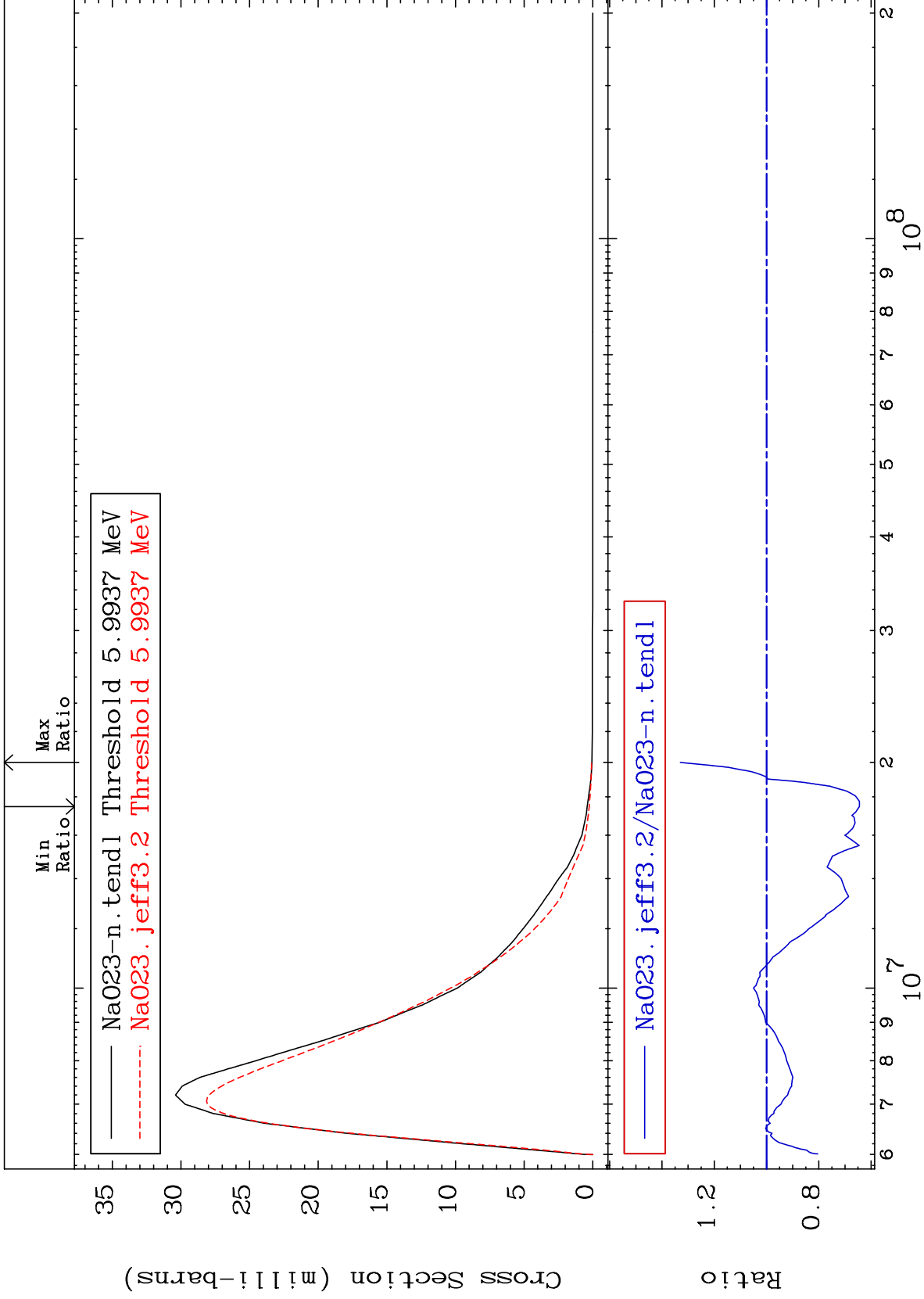
11-Na-23
-35.79 To 28.35 %



MAT 1125

5.742 MeV (n,n') Level
Cross Section

11-Na-23
-35.53 To 32.96 %



20

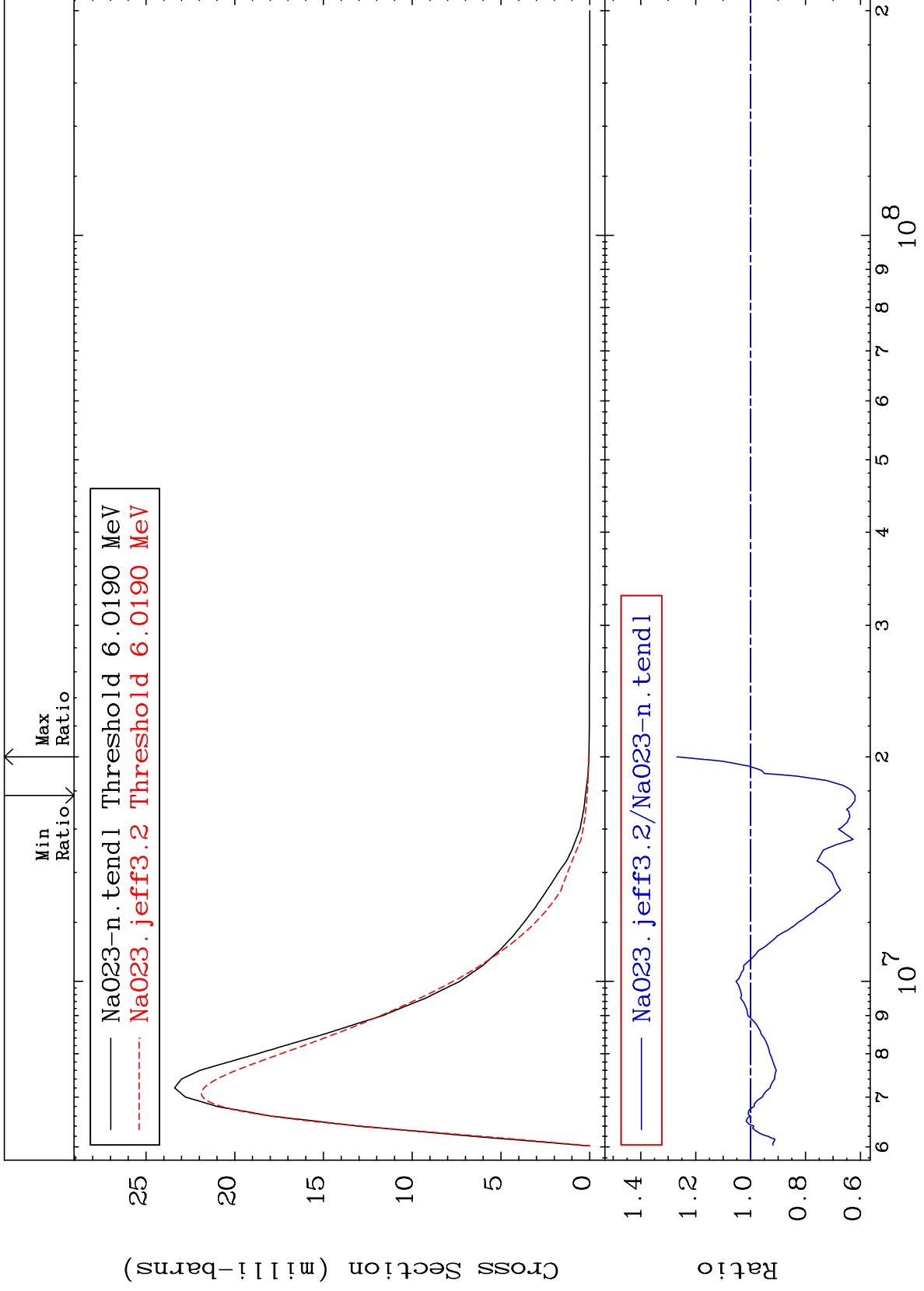
Incident Energy (eV)

11-Na-23

MAT 1125

5.766 MeV (n,n') Level
Cross Section

11-Na-23
-38.04 To 26.82 %



21

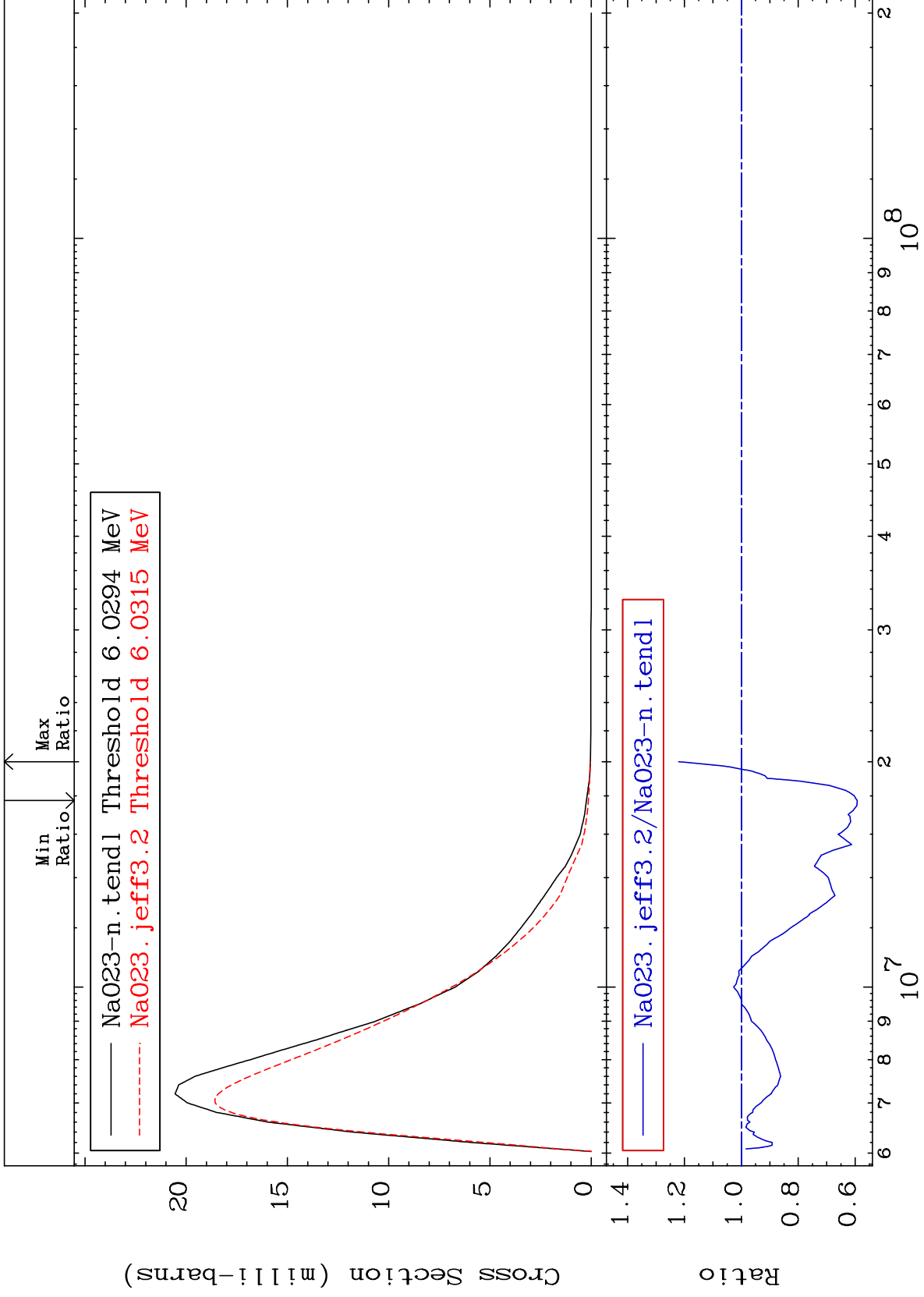
Incident Energy (eV)

11-Na-23

MAT 1125

5.776 MeV (n,n') Level
Cross Section

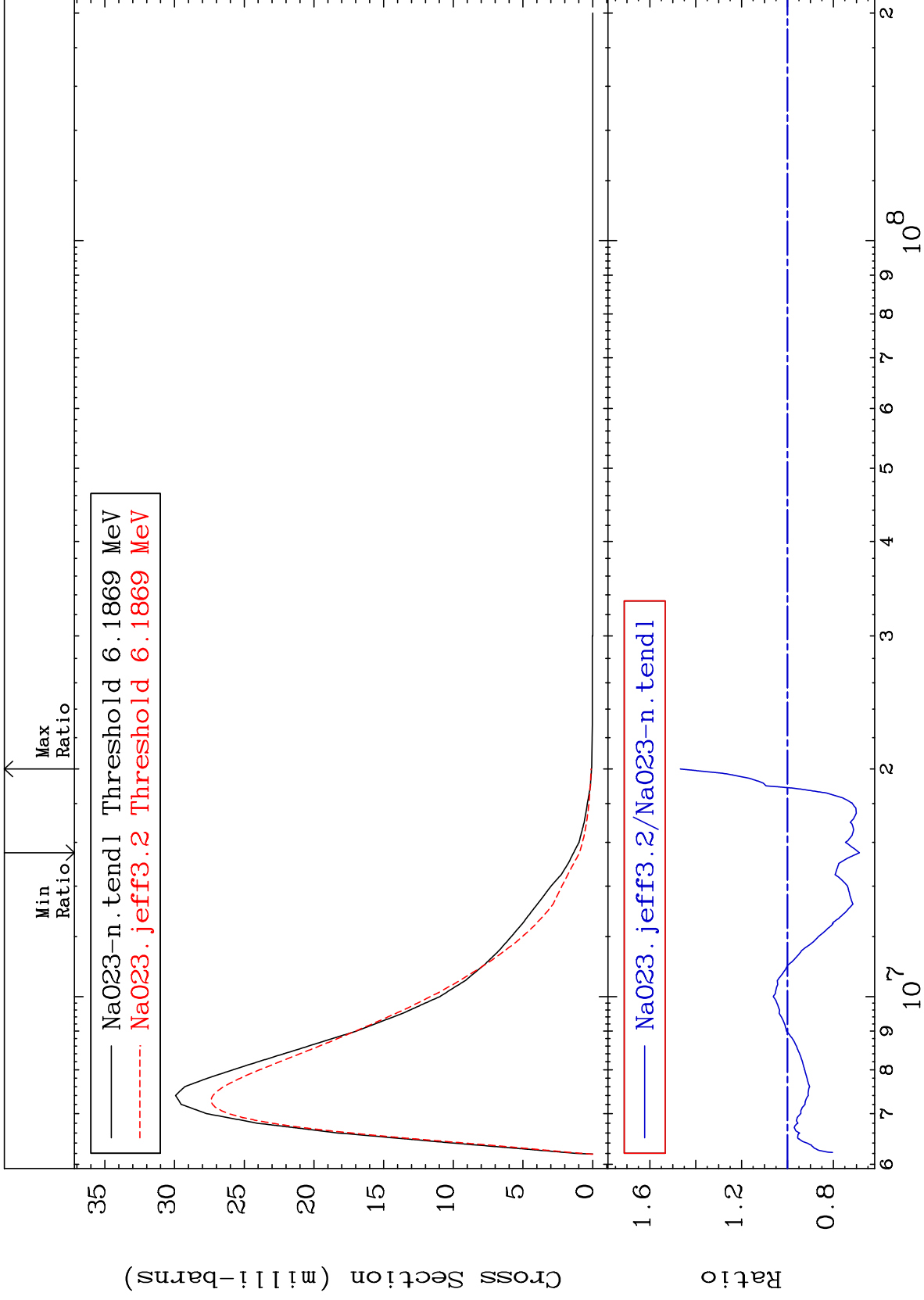
11-Na-23
-40.74 To 22.06 %



MAT 1125

5.927 MeV (n,n') Level
Cross Section

11-Na-23
-31.32 To 46.69 %



23

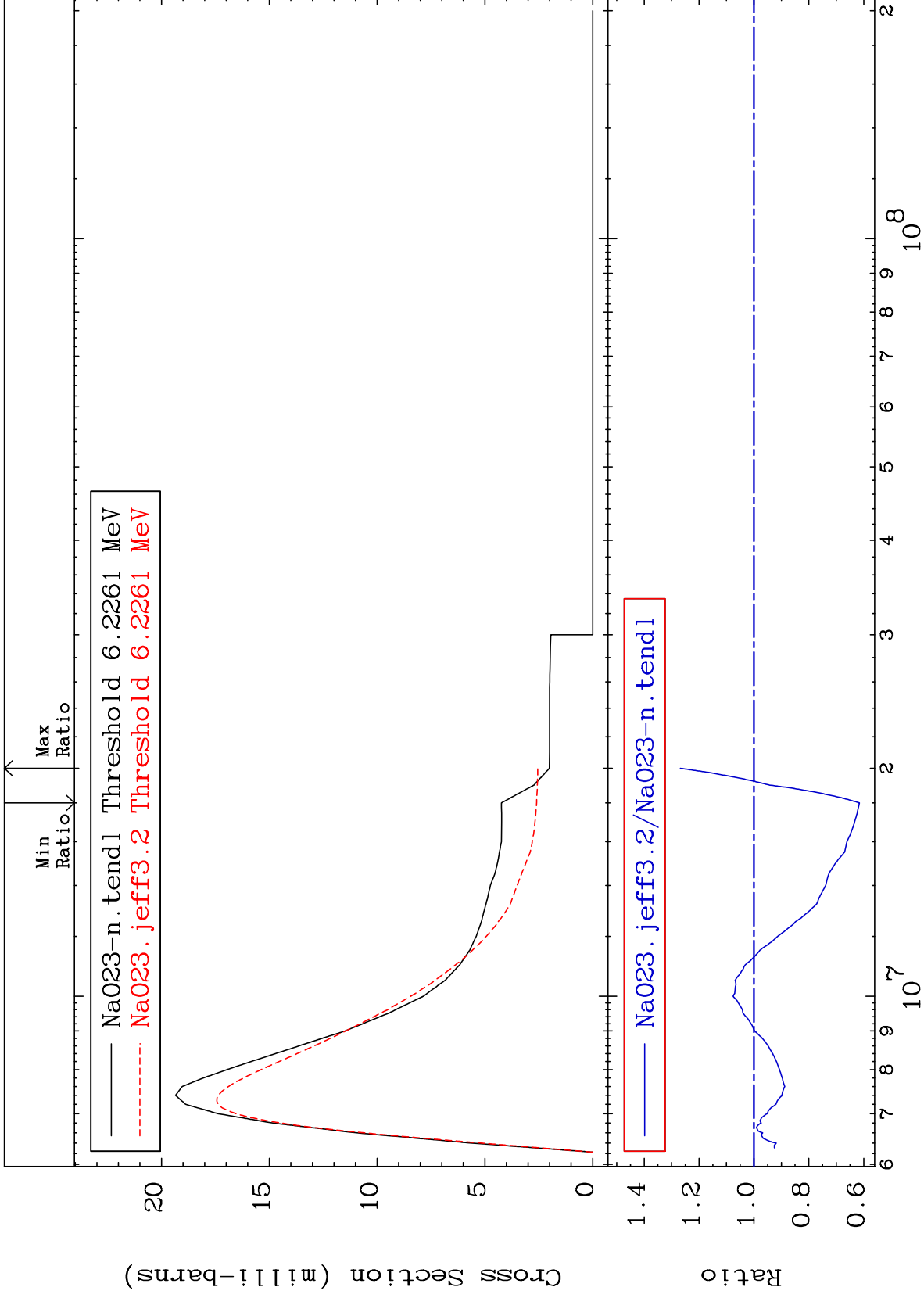
Incident Energy (eV)

11-Na-23

MAT 1125

5.964 MeV (n,n') Level
Cross Section

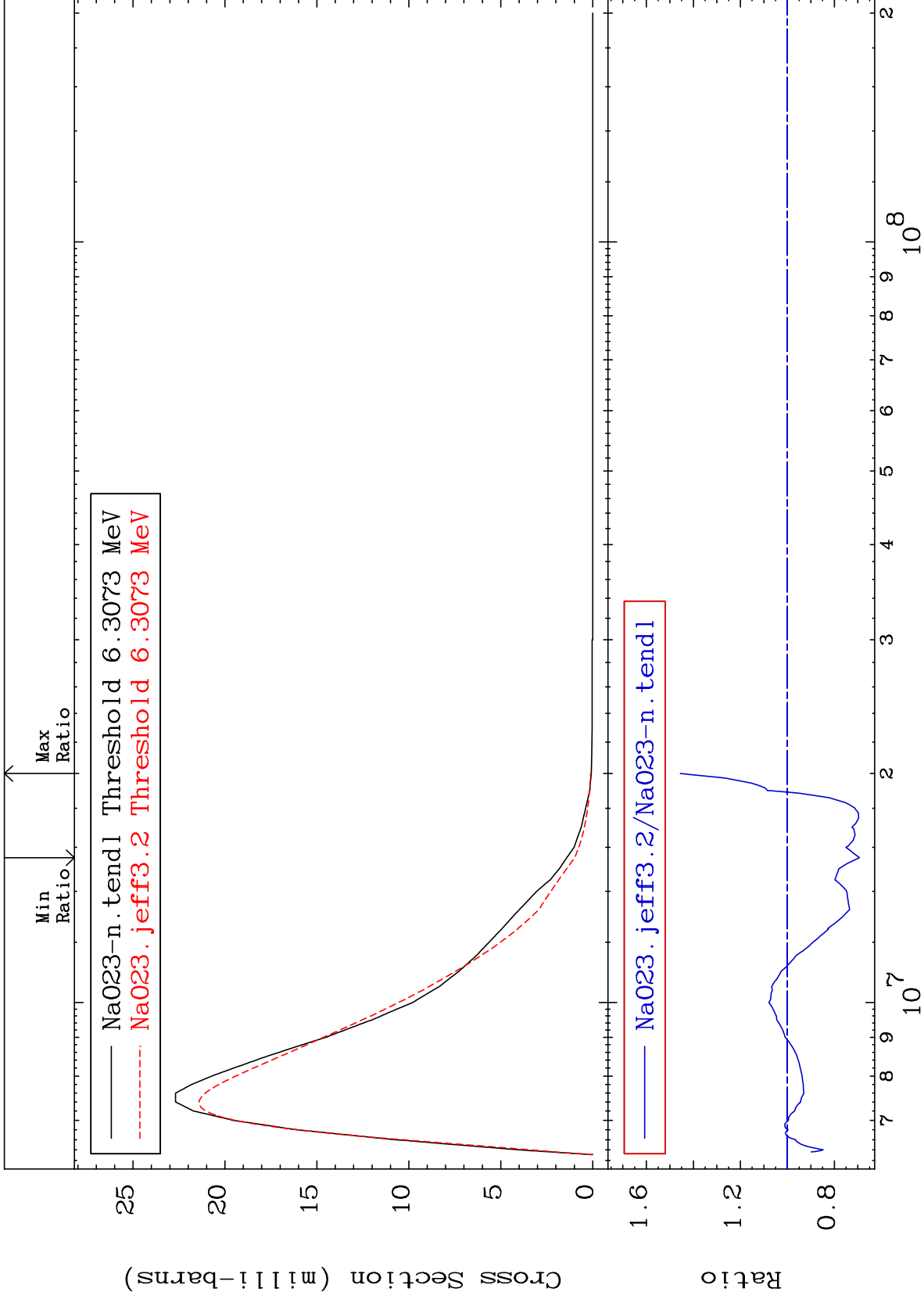
11-Na-23
-38.44 To 26.80 %



MAT 1125

6.042 MeV (n,n') Level
Cross Section

11-Na-23
-30.69 To 45.53 %



25

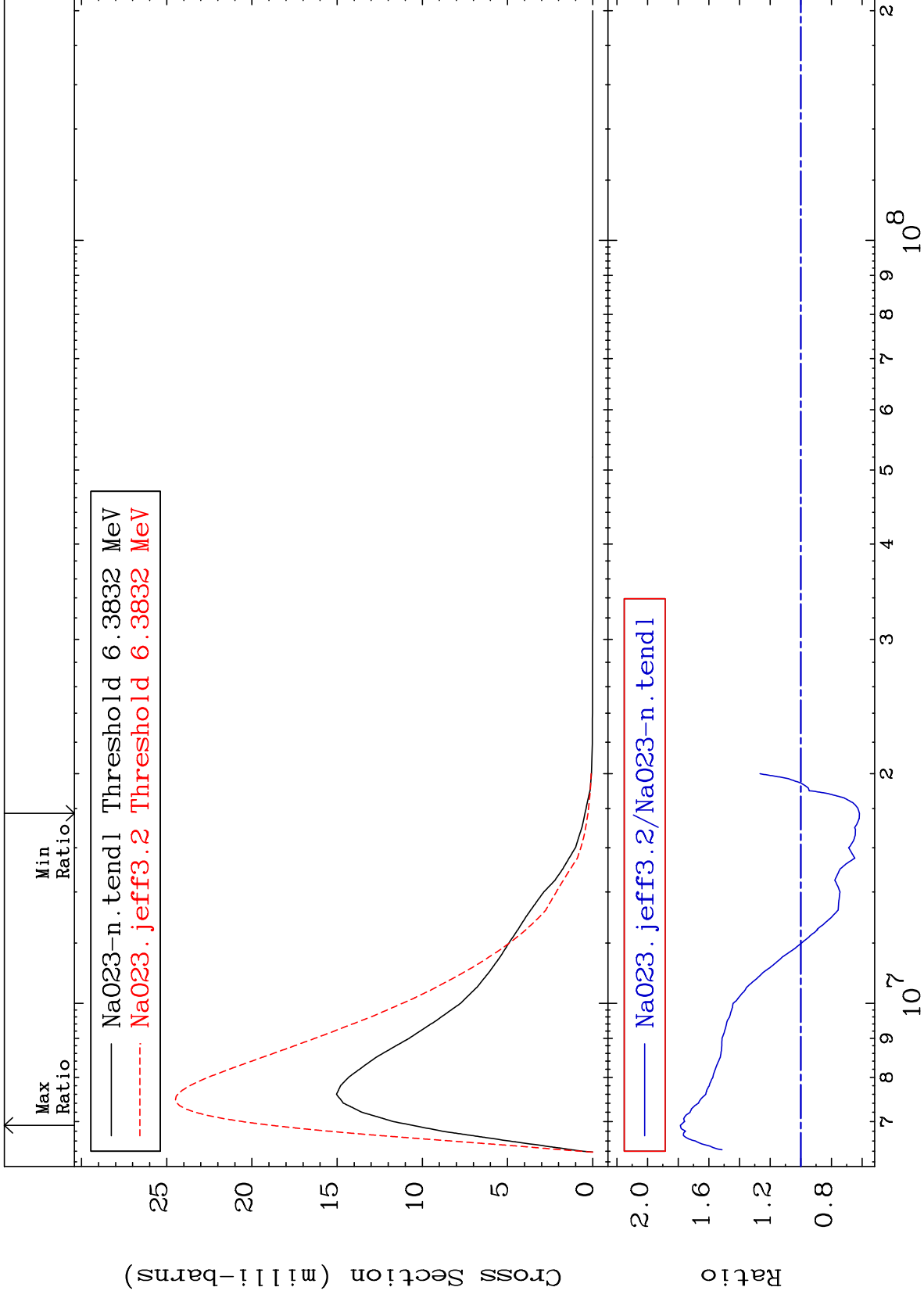
Incident Energy (eV)

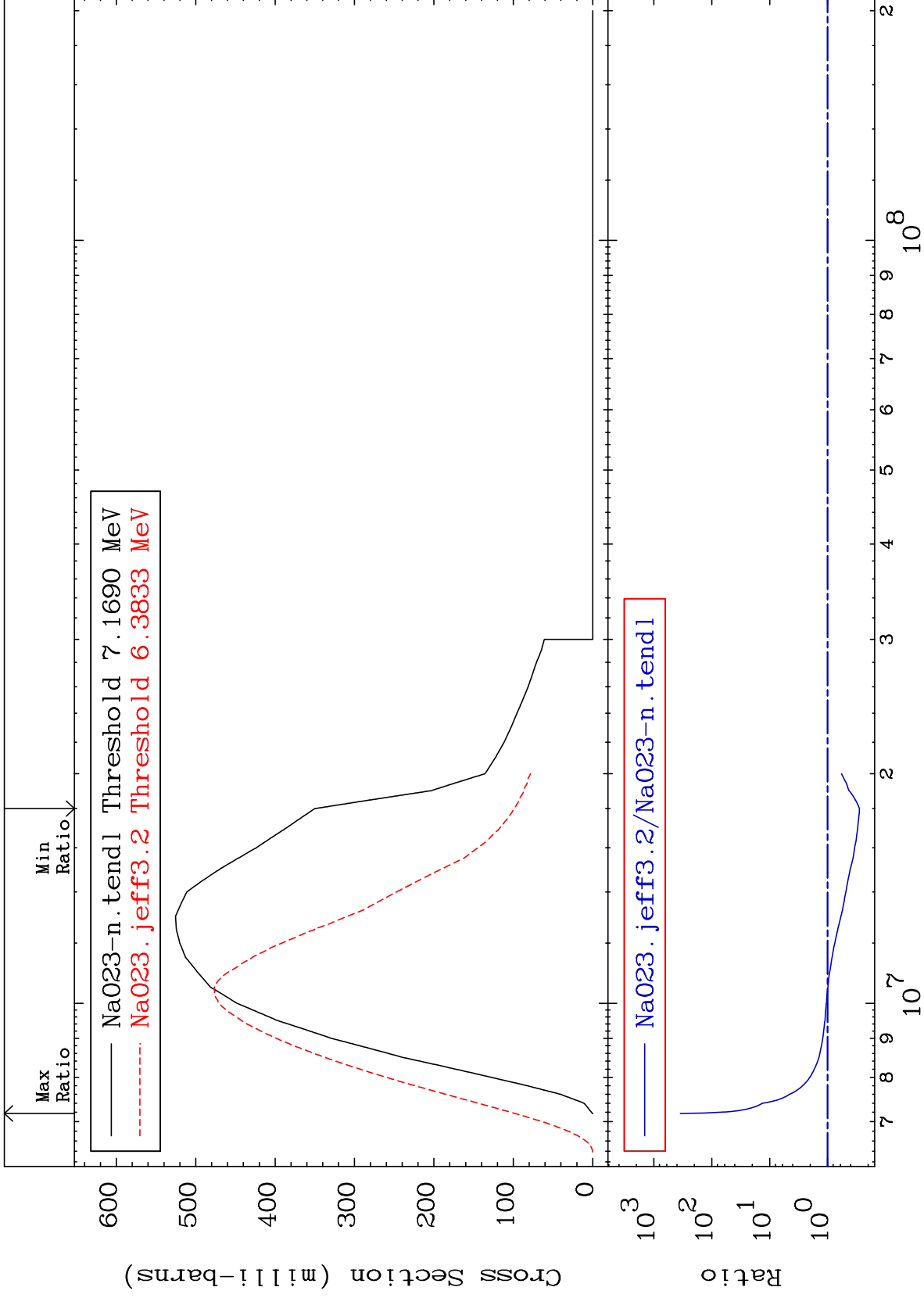
11-Na-23

MAT 1125

6.115 MeV (n,n') Level
Cross Section

11-Na-23
-38.25 To 78.59 %

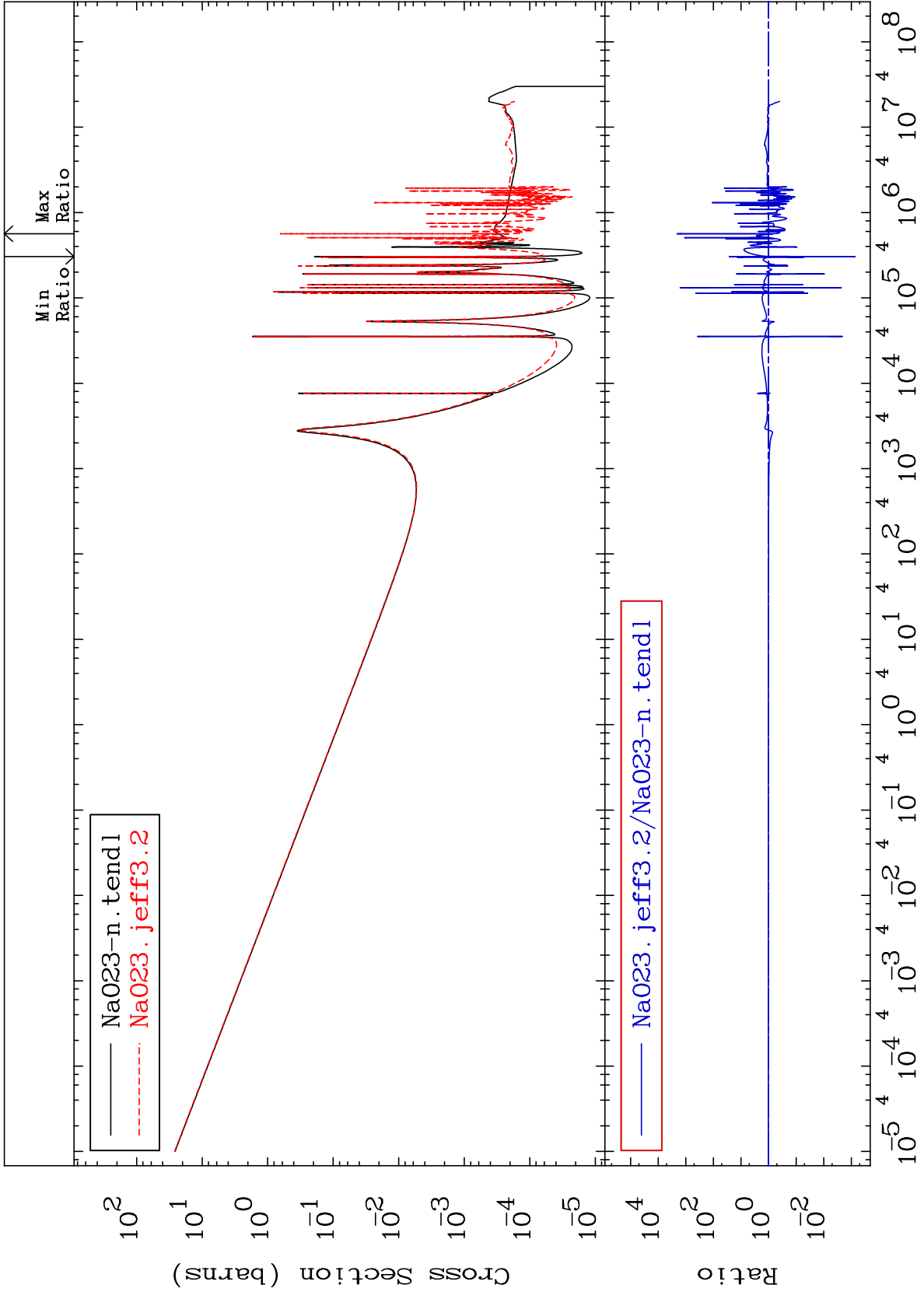




MAT 1125

(n, γ)
Cross Section

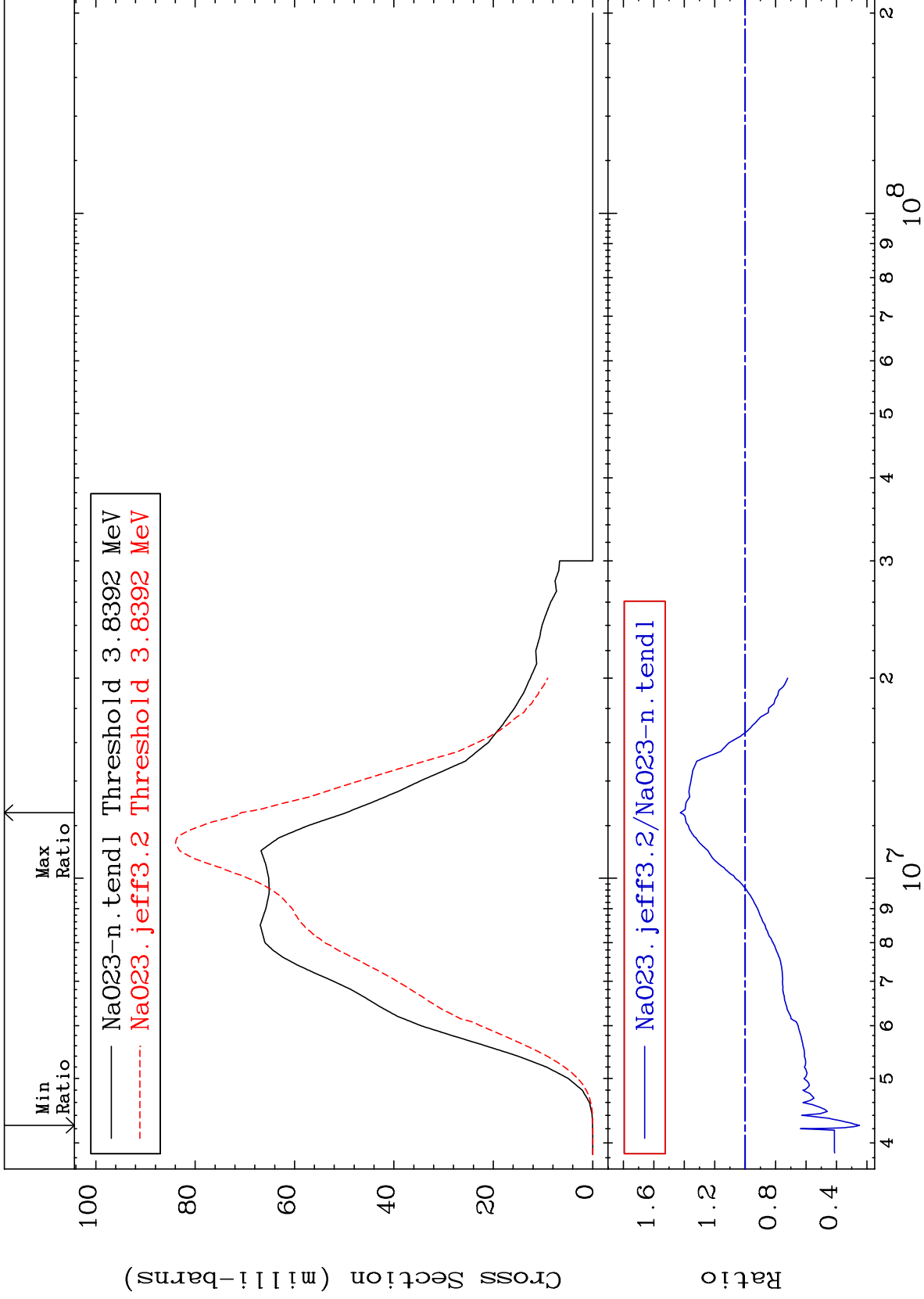
11-Na-23
-99.93 To 9999. %



MAT 1125

(n,p)
Cross Section

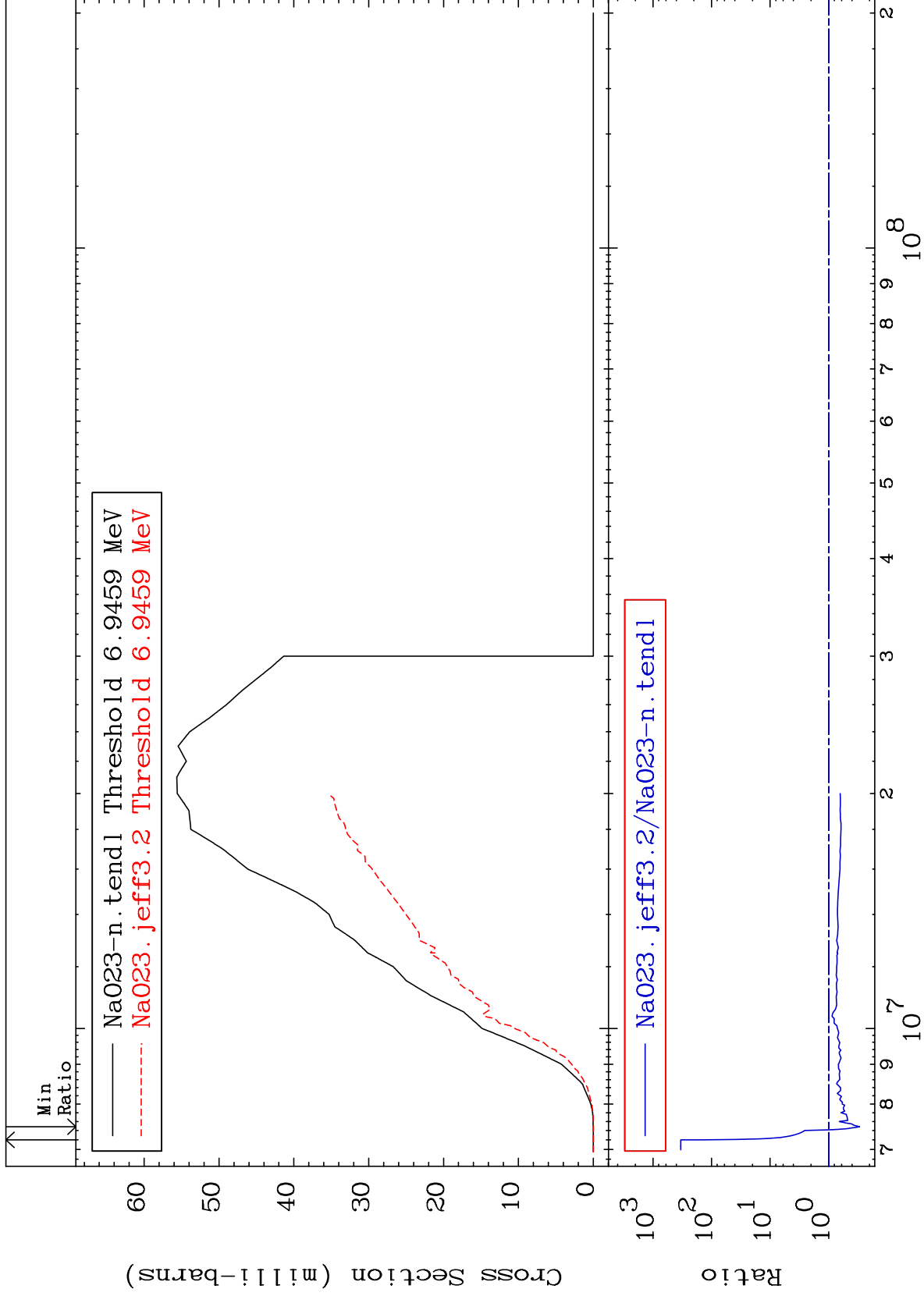
11-Na-23
-75.03 To 42.58 %



MAT 1125

(n, d)
Cross Section

11-Na-23
-70.28 To 9999. %



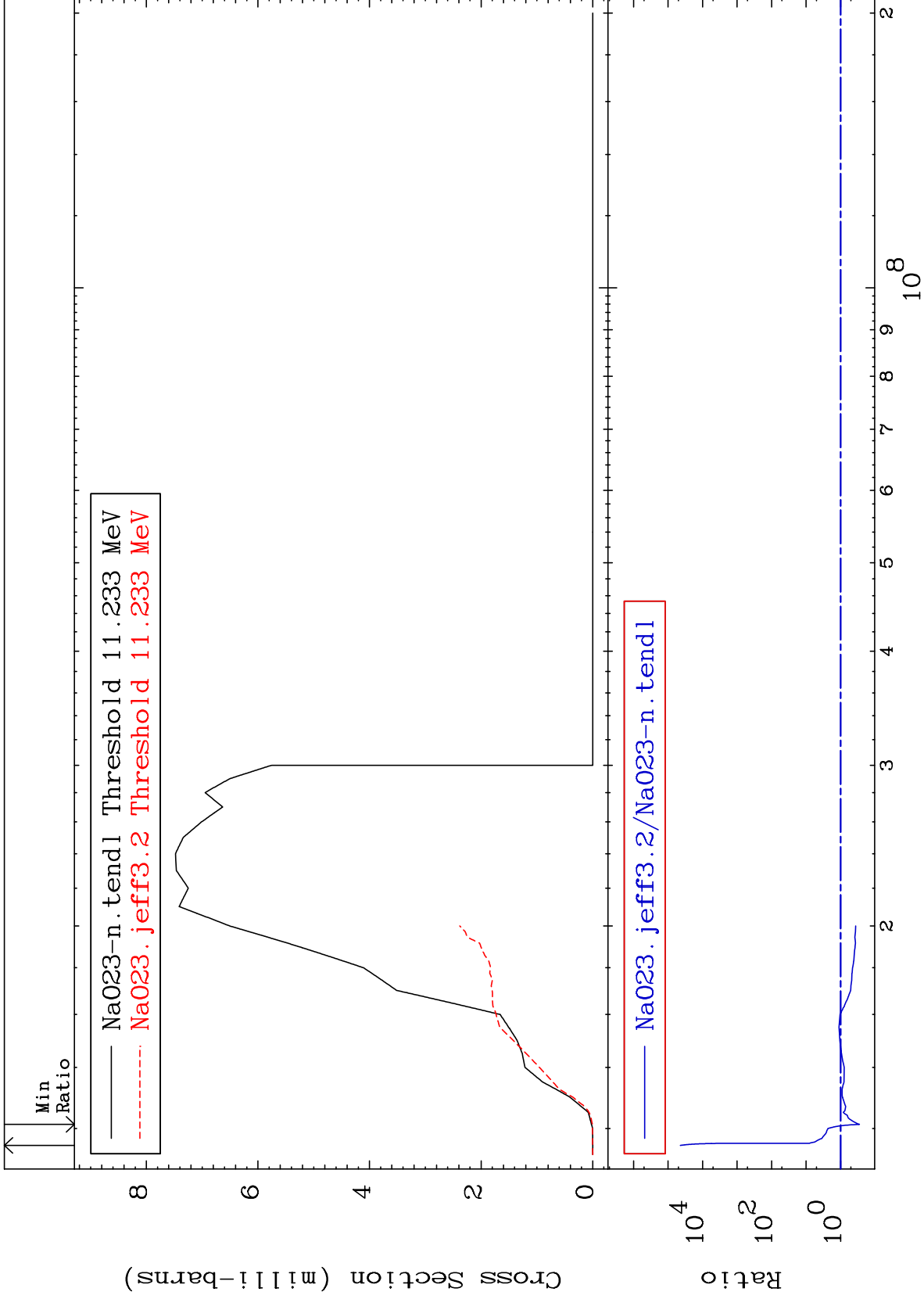
30

11-Na-23

MAT 1125

(n, t)
Cross Section

11-Na-23
-71.61 To 9999. %



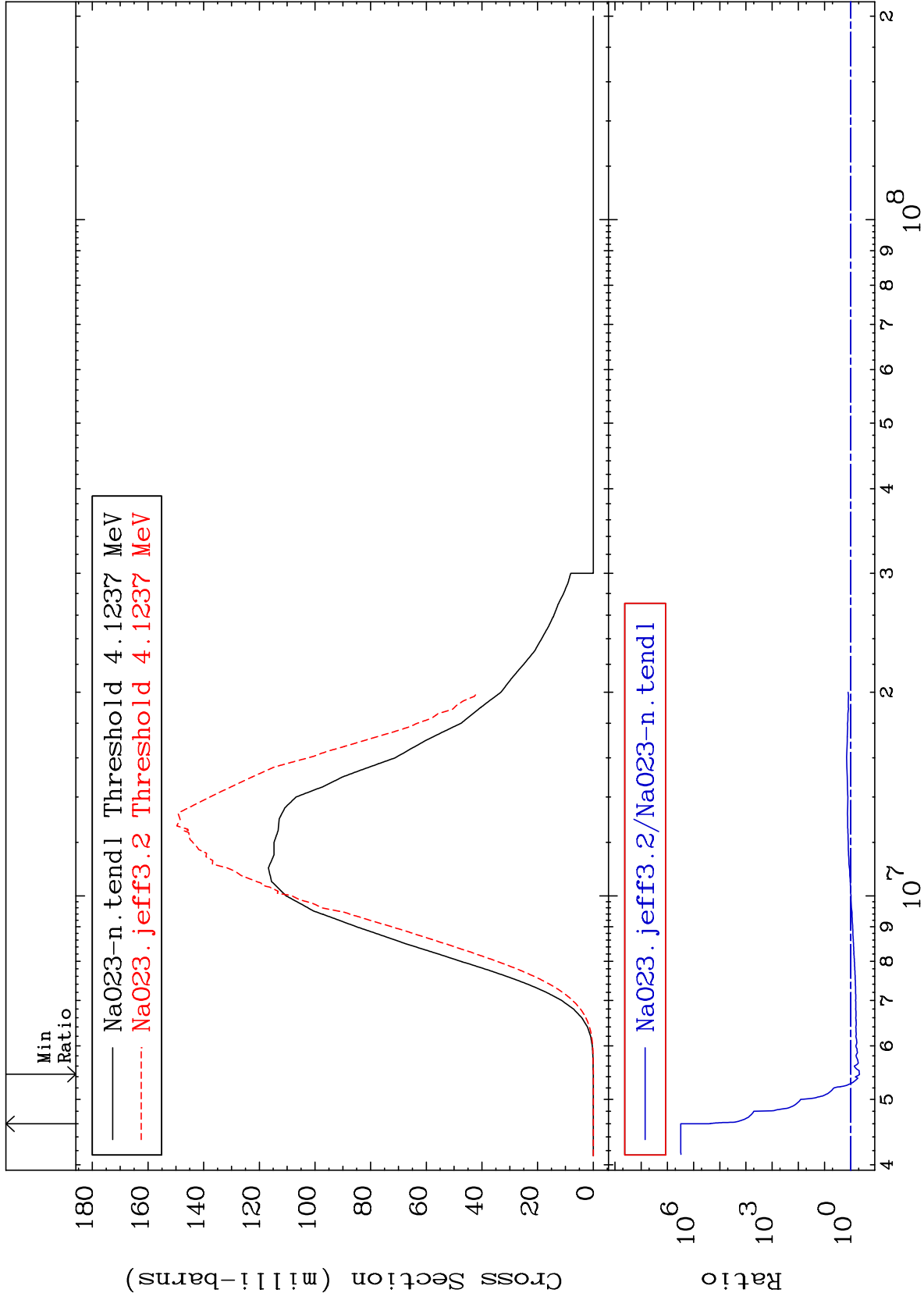
MAT 1125

(n, α)

11-Na-23

Cross Section

-53.69 To 9999. %



32

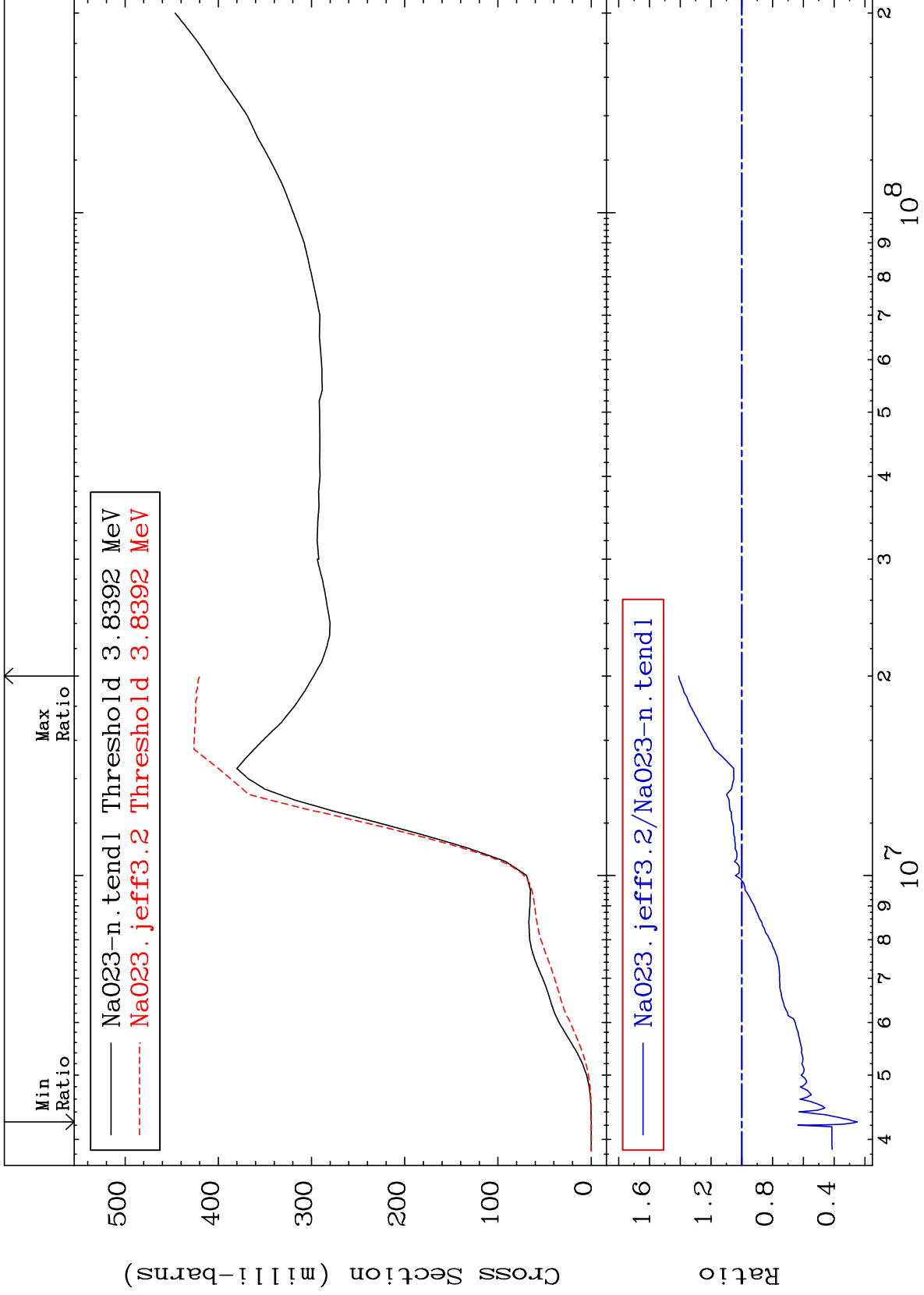
Incident Energy (eV)

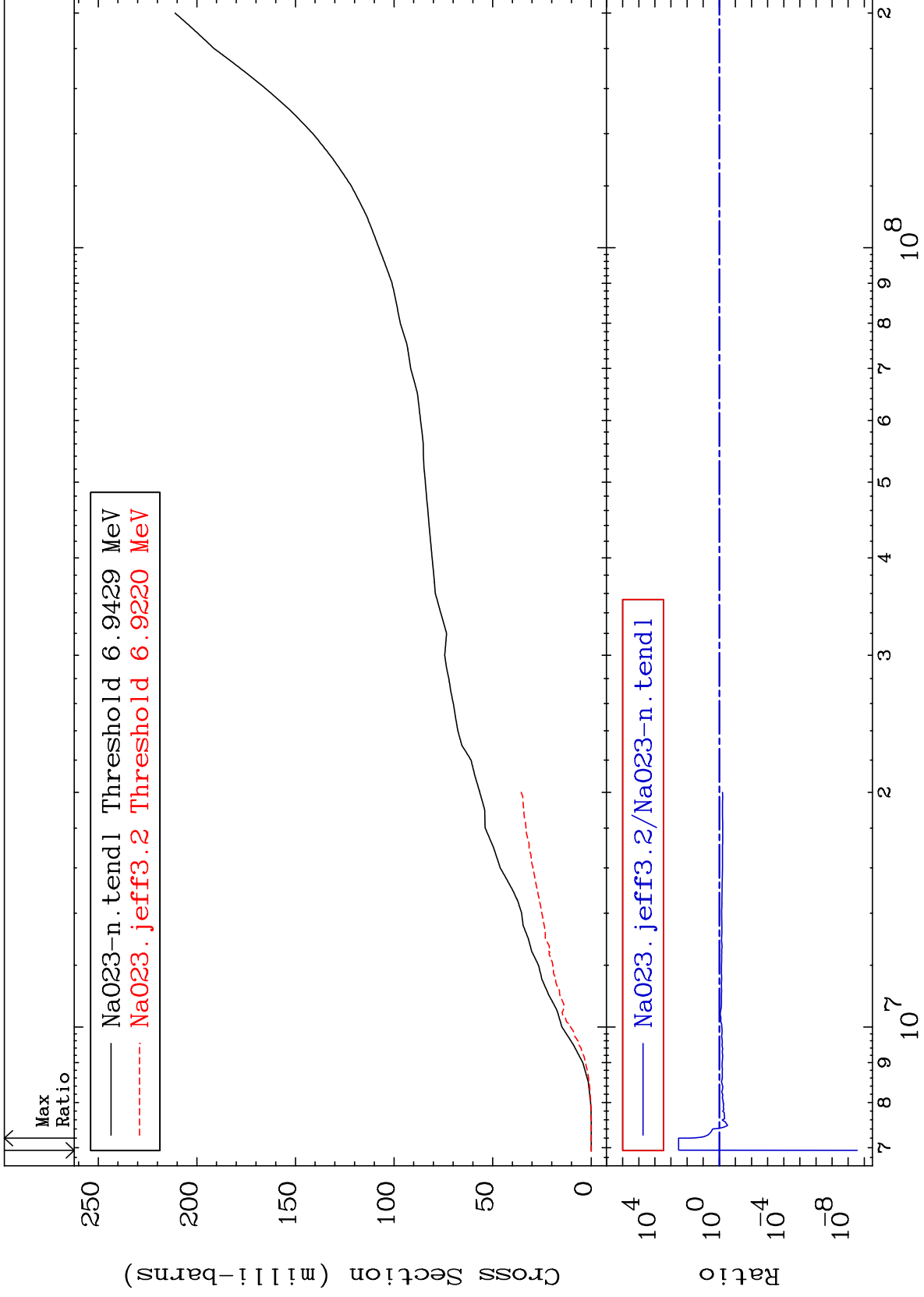
11-Na-23

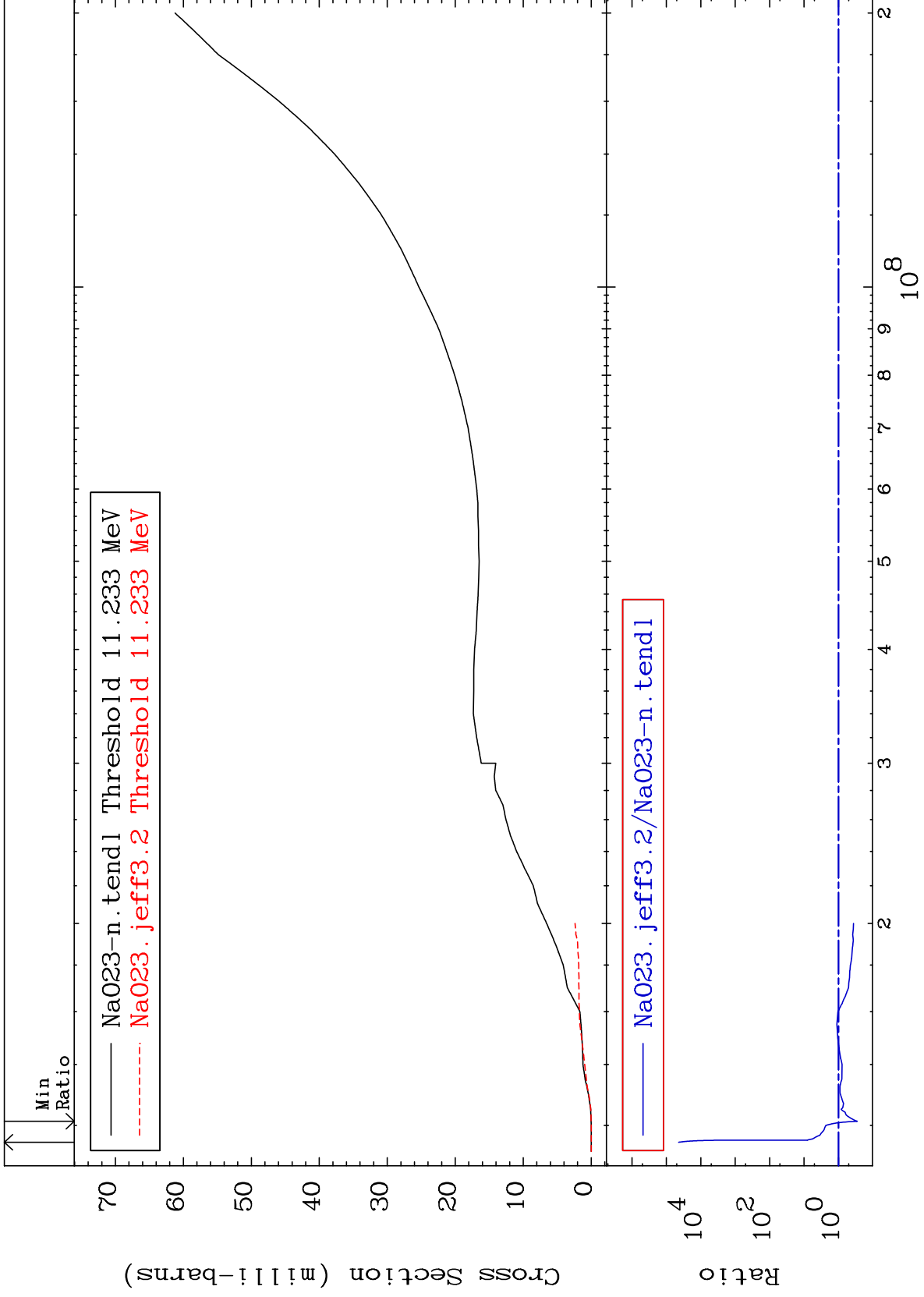
MAT 1125

Hydrogen Production
Cross Section

11-Na-23
-75.03 To 41.00 %



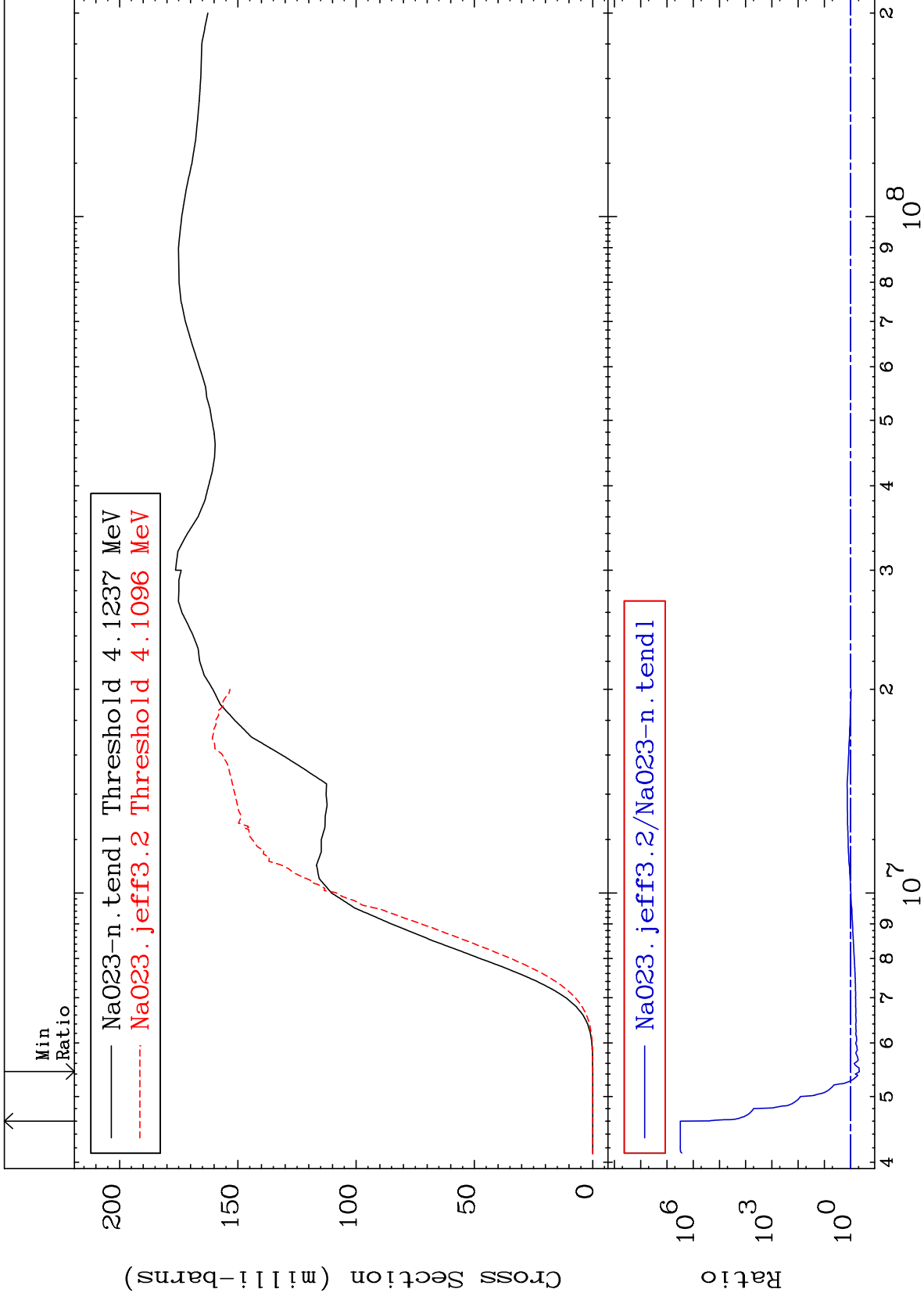




MAT 1125

He-4 Production
Cross Section

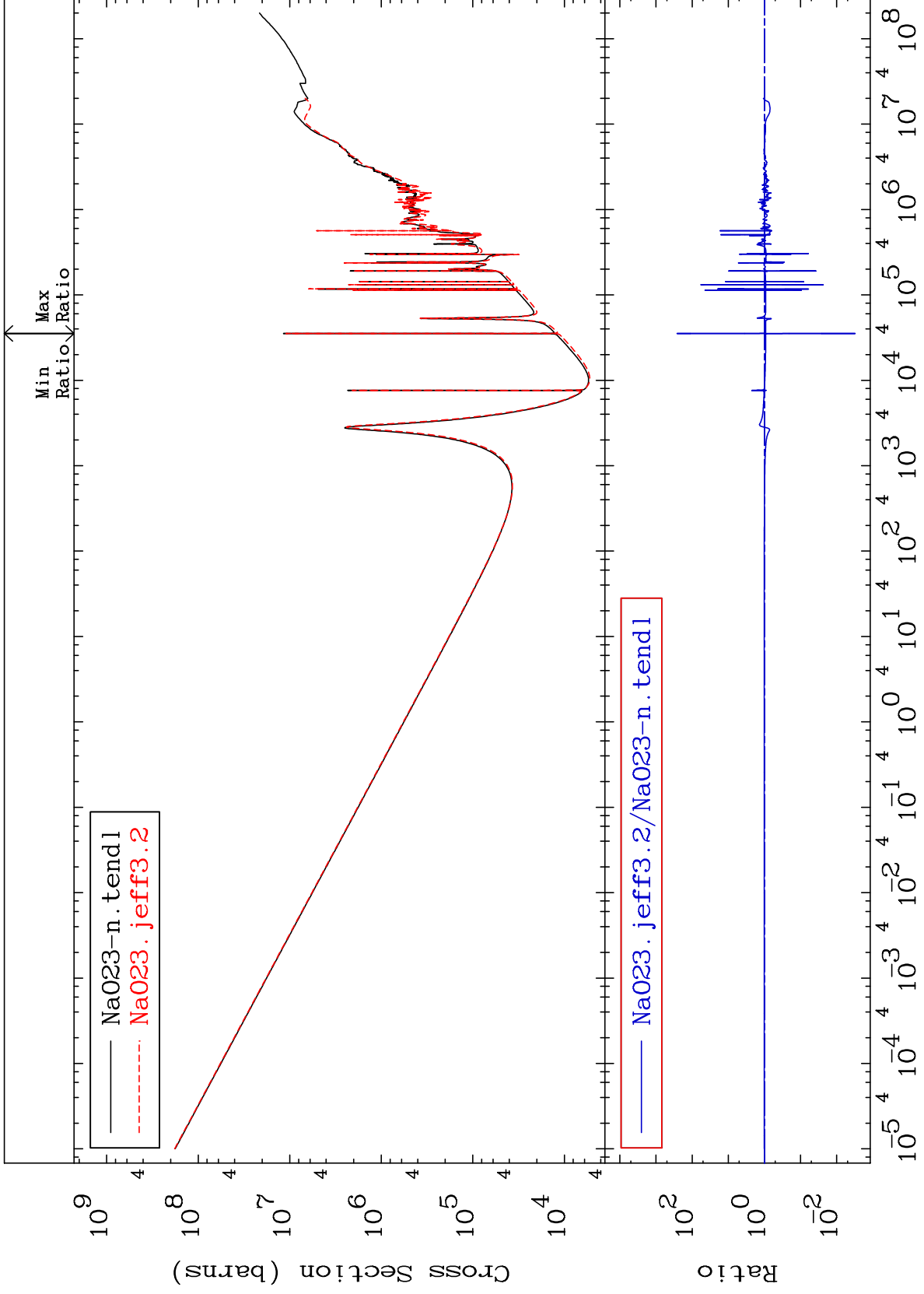
11-Na-23
-53.69 To 9999. %



MAT 1125

Kerma total (eV-barns)
Cross Section

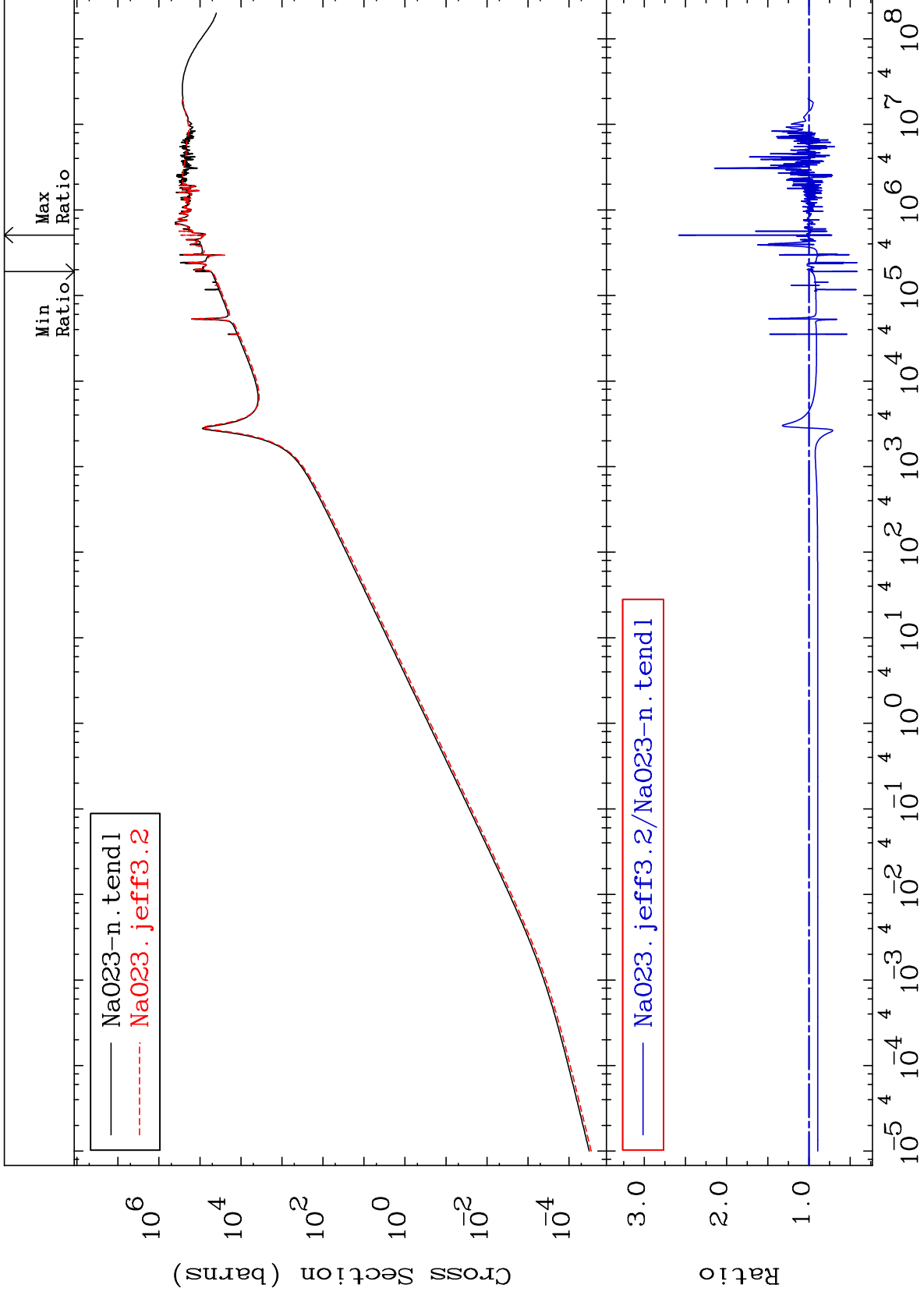
11-Na-23
-99.69 To 9999. %



MAT 1125

Kerma elastic
Cross Section

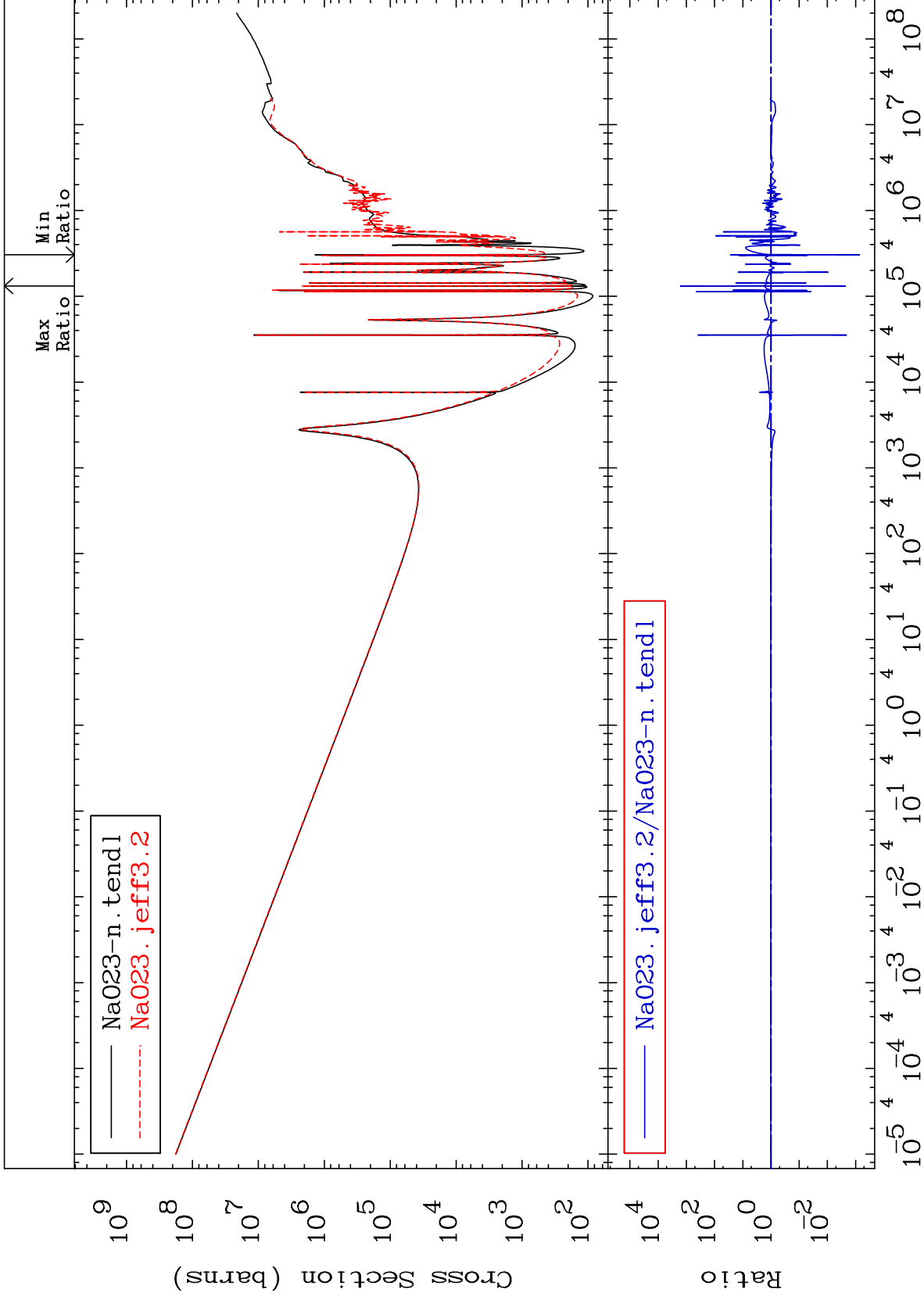
11-Na-23
-58.48 To 158.4 %



38

Incident Energy (eV)

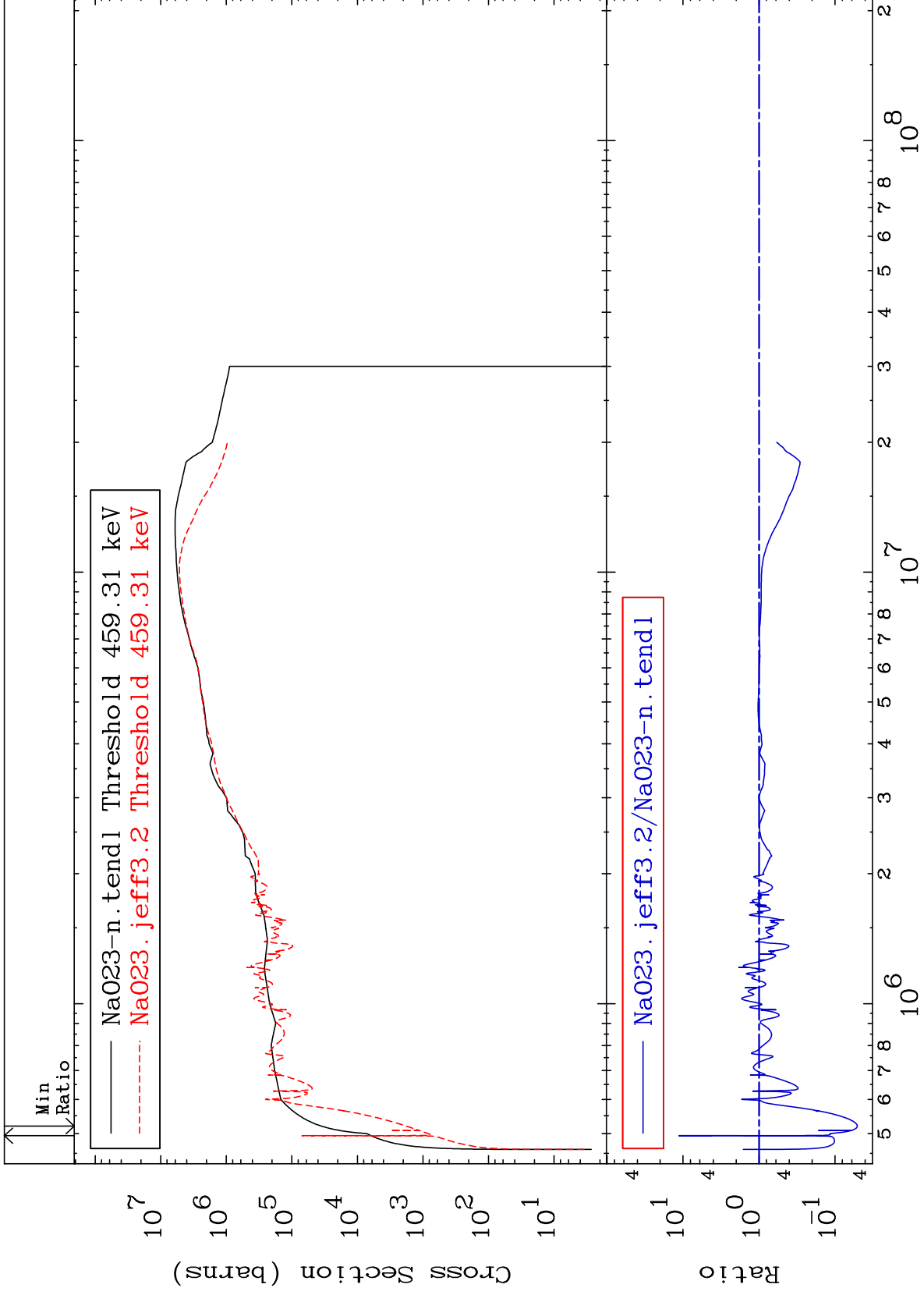
11-Na-23



MAT 1125

Kerma inelastic (mt51-91)
Cross Section

11-Na-23
-94.92 To 1043. %



40

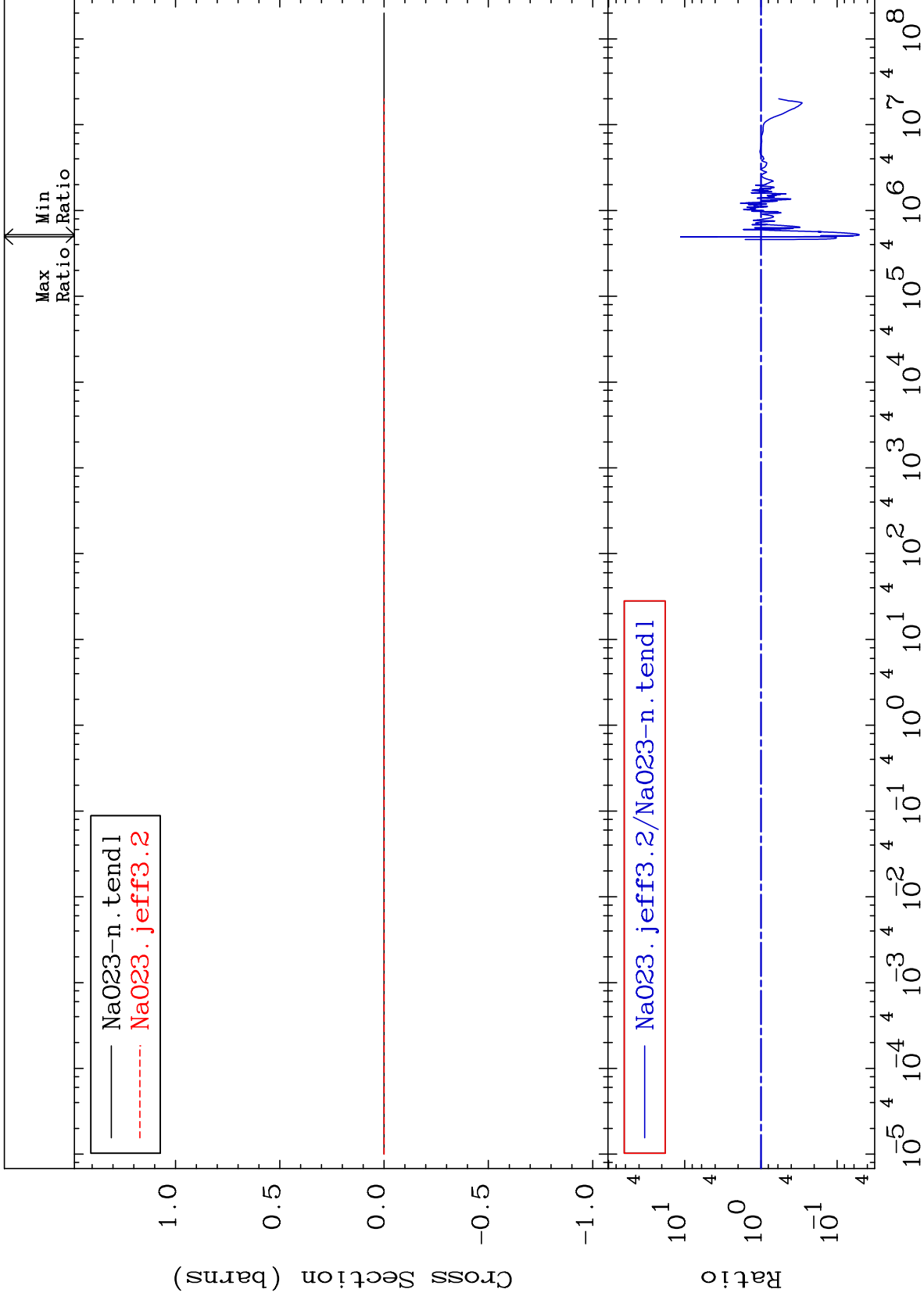
Incident Energy (eV)

11-Na-23

MAT 1125

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

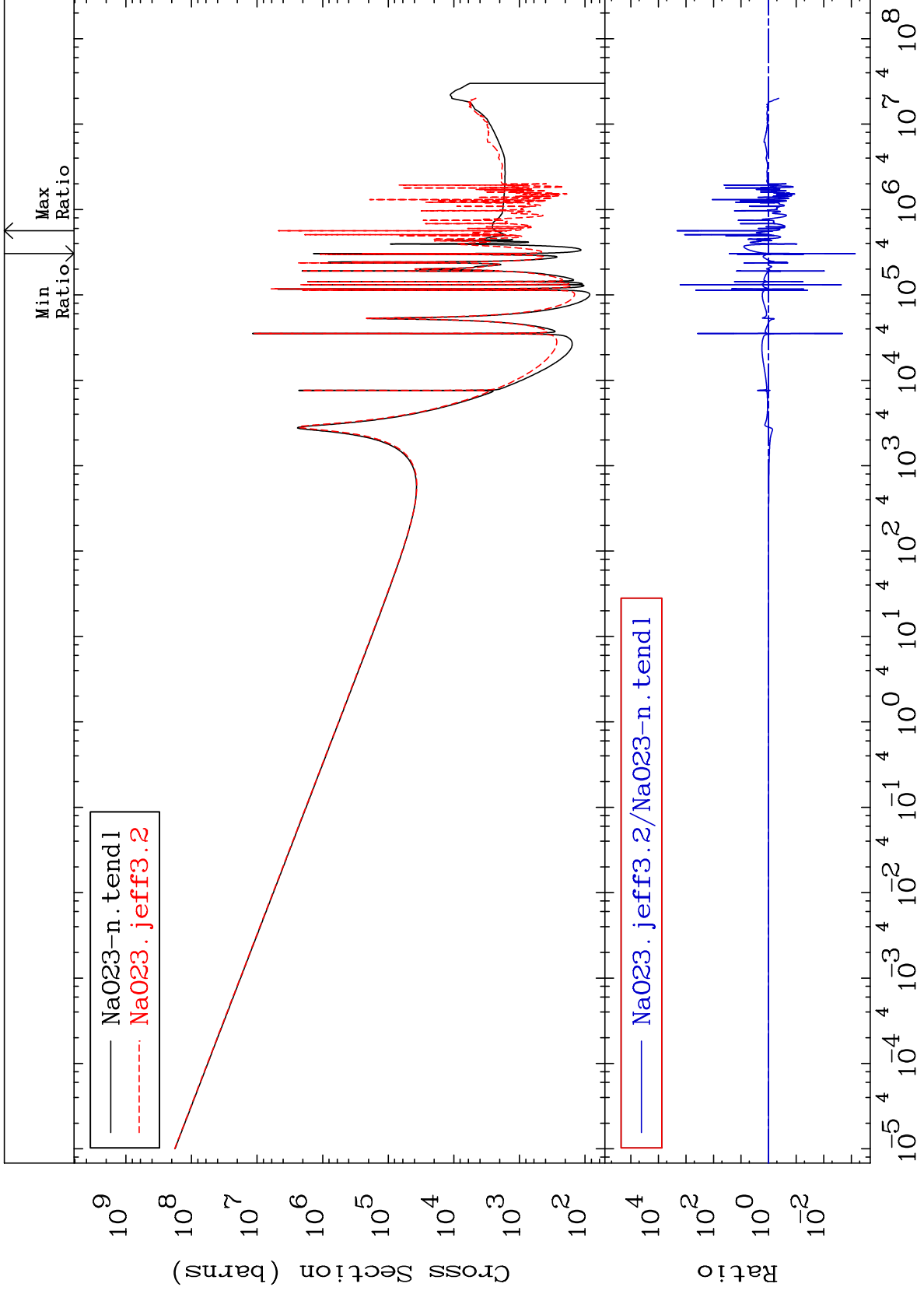
11-Na-23
-94.92 To 1043. %



MAT 1125

Kerma capture (mt102)
Cross Section

11-Na-23
-99.93 To 9999. %



42

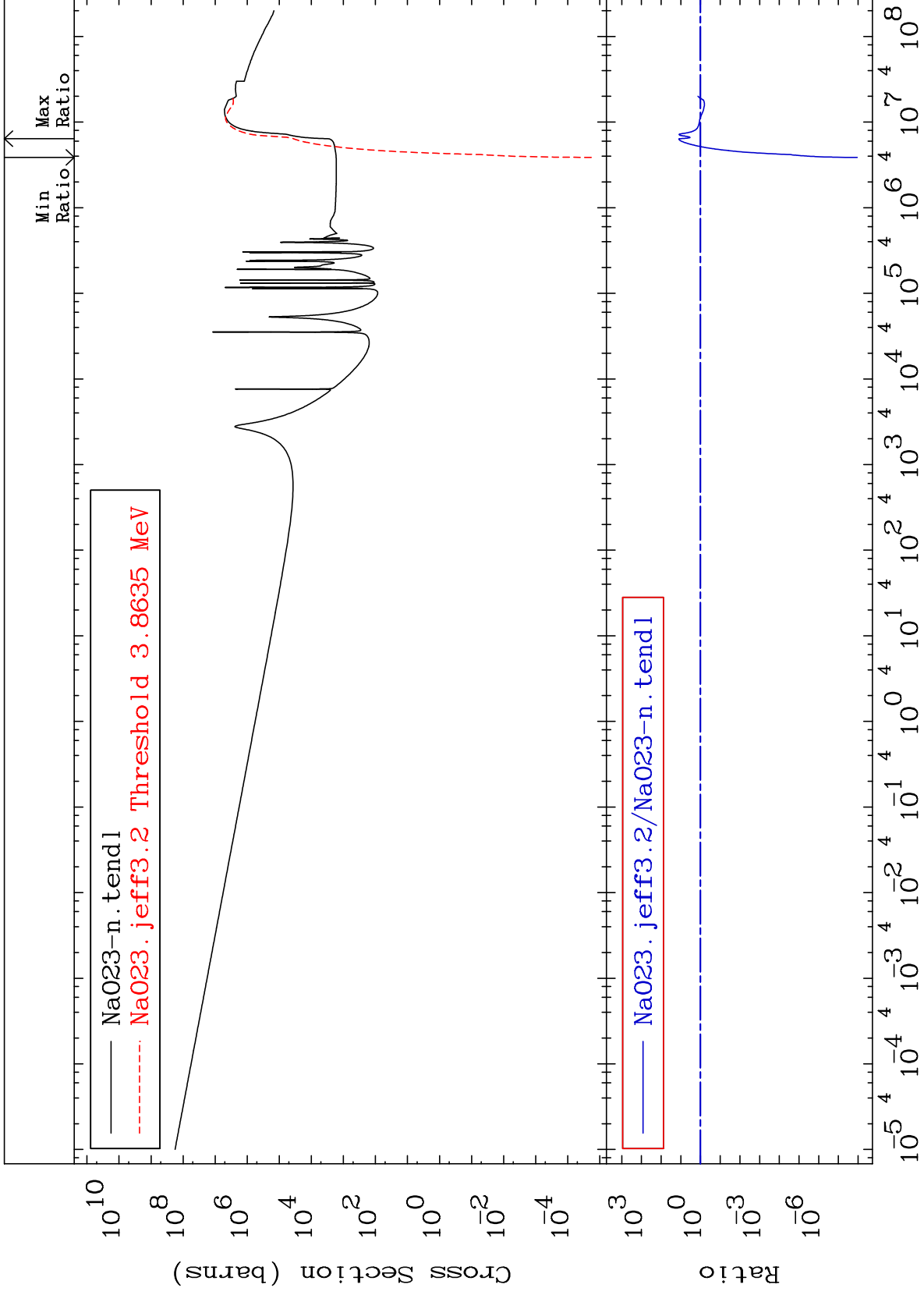
Incident Energy (eV)

11-Na-23

MAT 1125

Total photon (eV-barns)
Cross Section

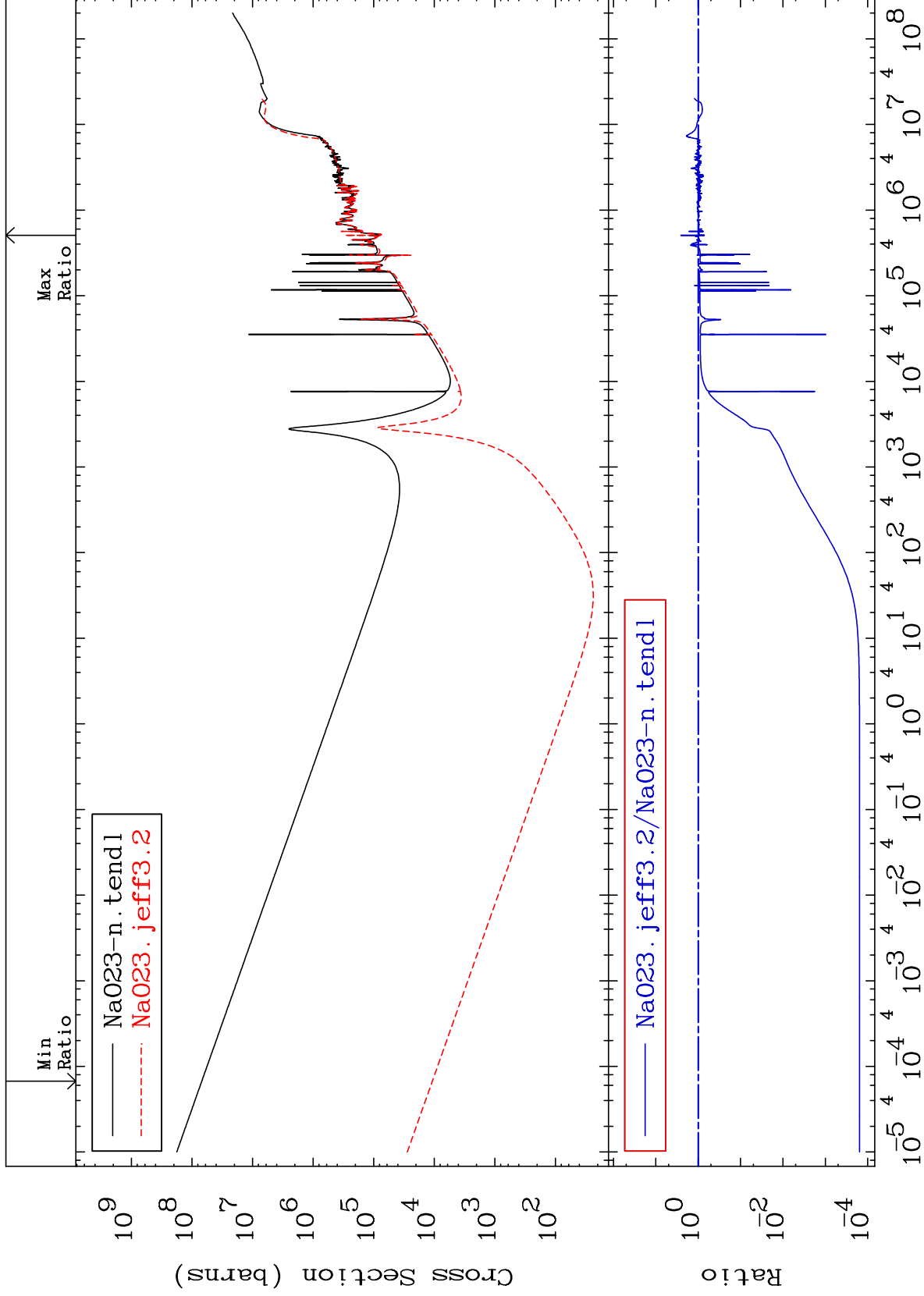
11-Na-23
-100.0 To 1193. %



43

Incident Energy (eV)

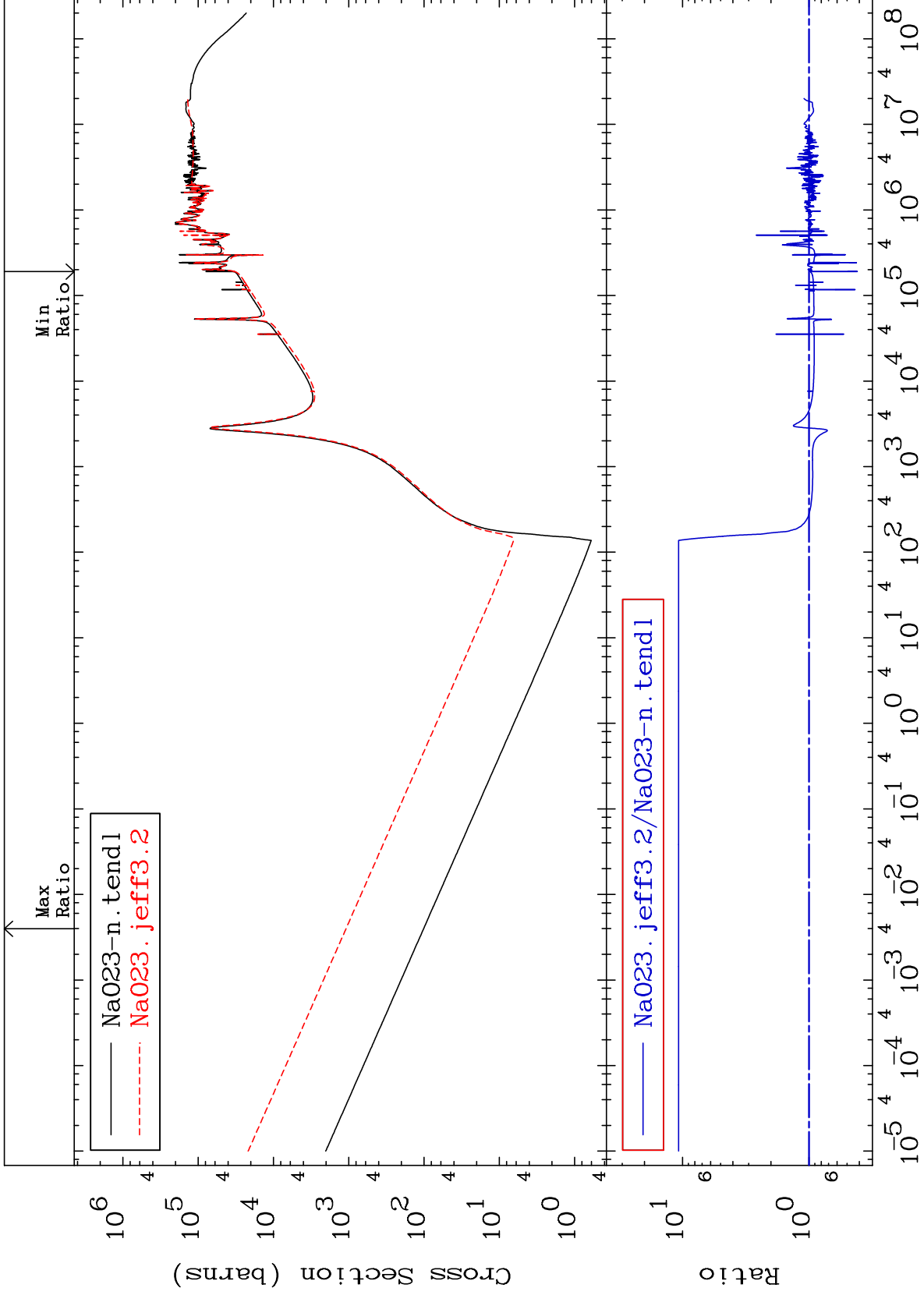
11-Na-23



MAT 1125

Dpa total (eV-barns)
Cross Section

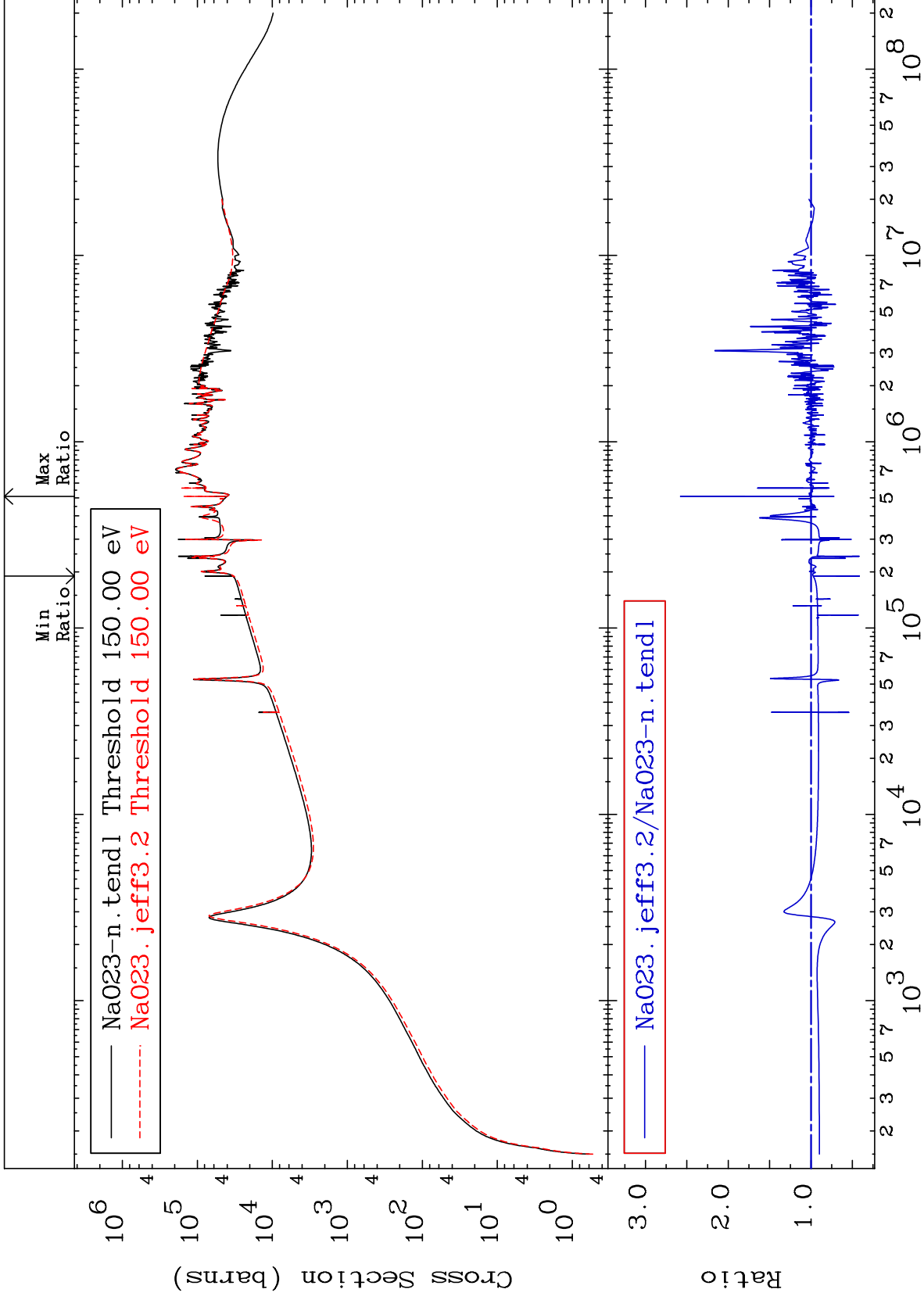
11-Na-23
-58.48 To 973.2 %



45

Incident Energy (eV)

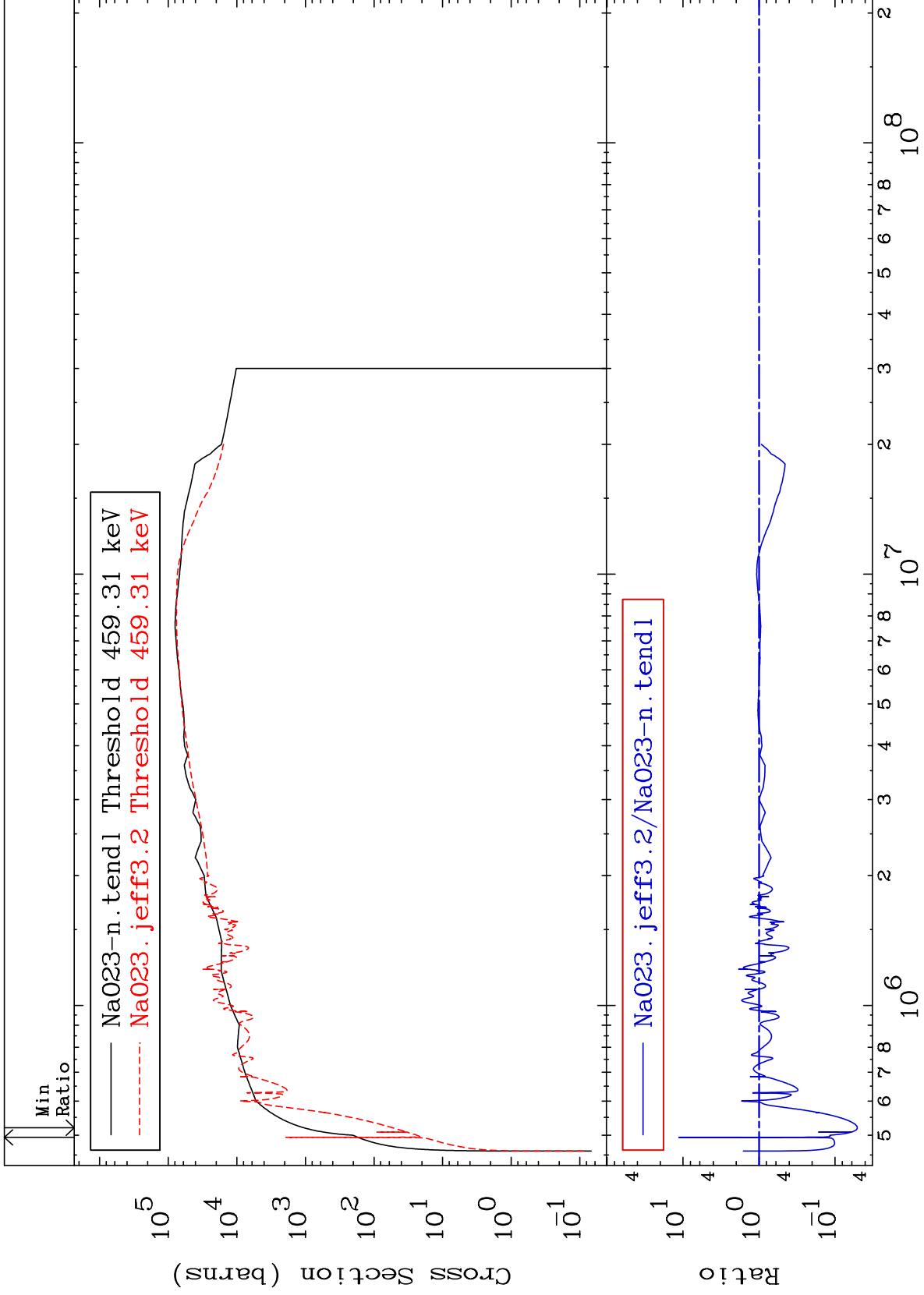
11-Na-23



MAT 1125

Dpa inelastic (mt51-91)
Cross Section

11-Na-23
-94.92 To 1043. %



MAT 1125

Dpa disappearance (mt102 -120)
Cross Section

11-Na-23
-94.86 To 9999. %

