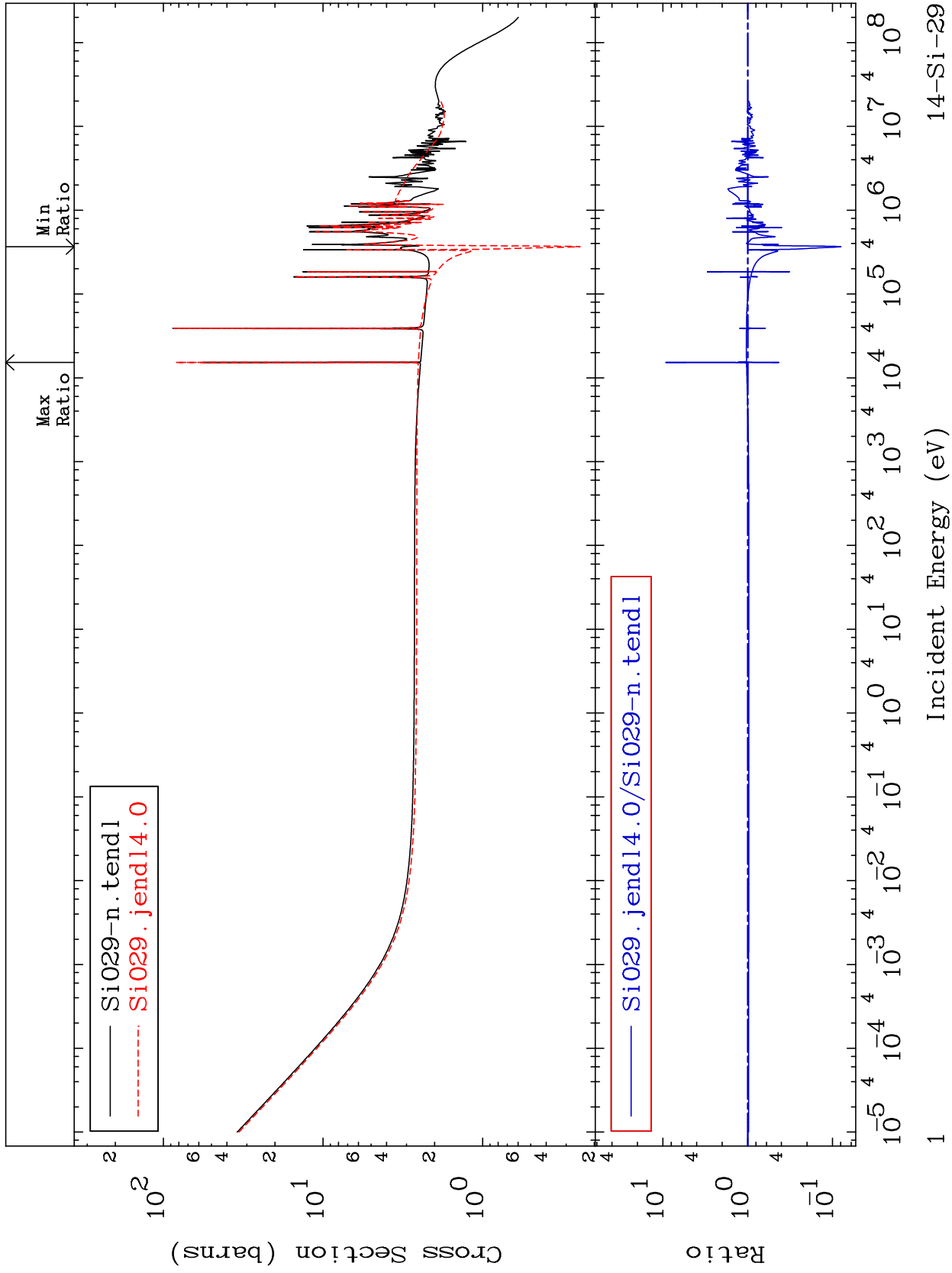


MAT 1428

Total
Cross Section

14-Si-29
-92.03 To 821.3 %



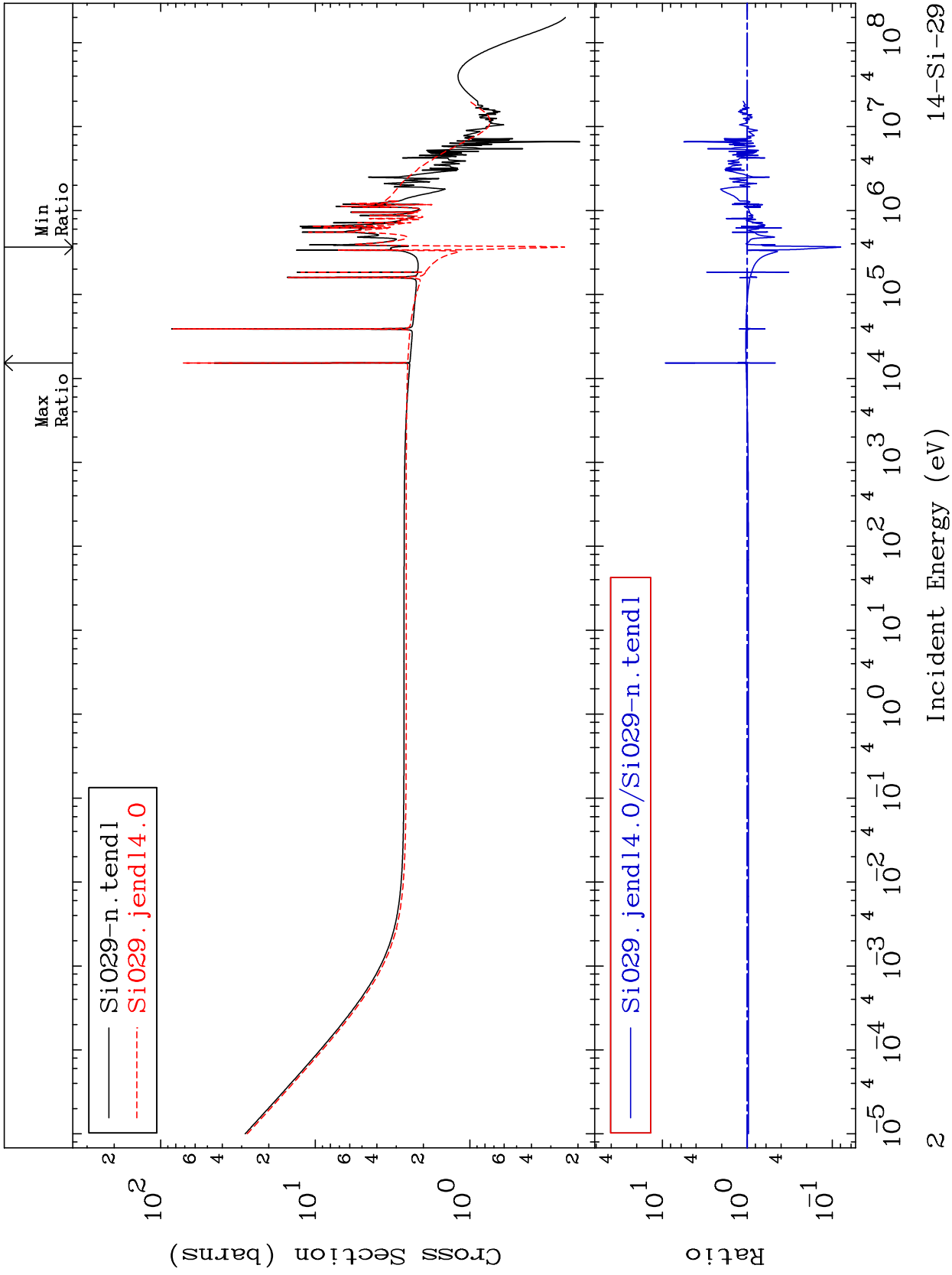
Incident Energy (eV)

14-Si-29

MAT 1428

Elastic
Cross Section

14-Si-29
-92.05 To 816.8 %



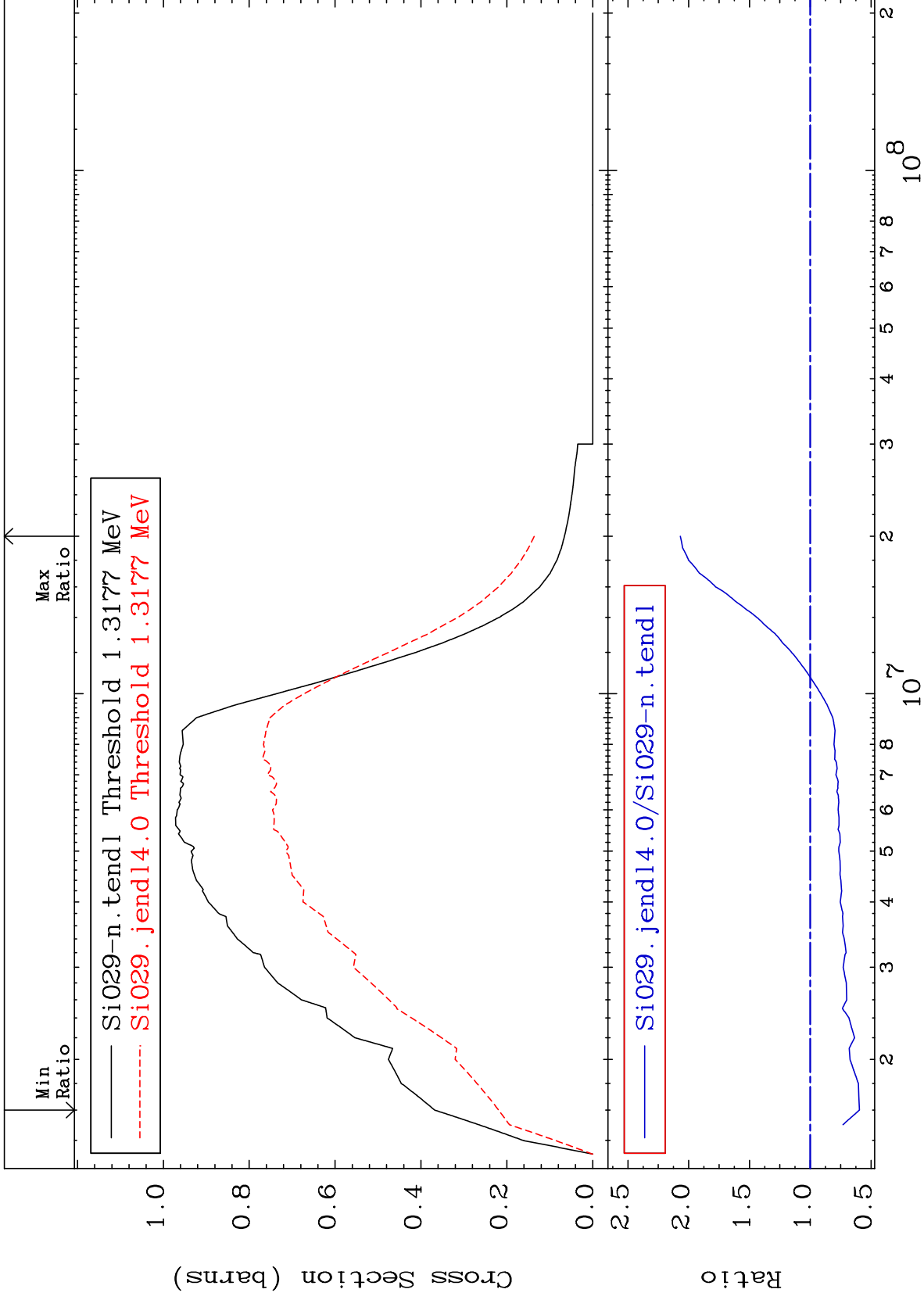
Incident Energy (eV)

14-Si-29

MAT 1428

Inelastic
Cross Section

14-Si-29
-40.46 To 106.9 %



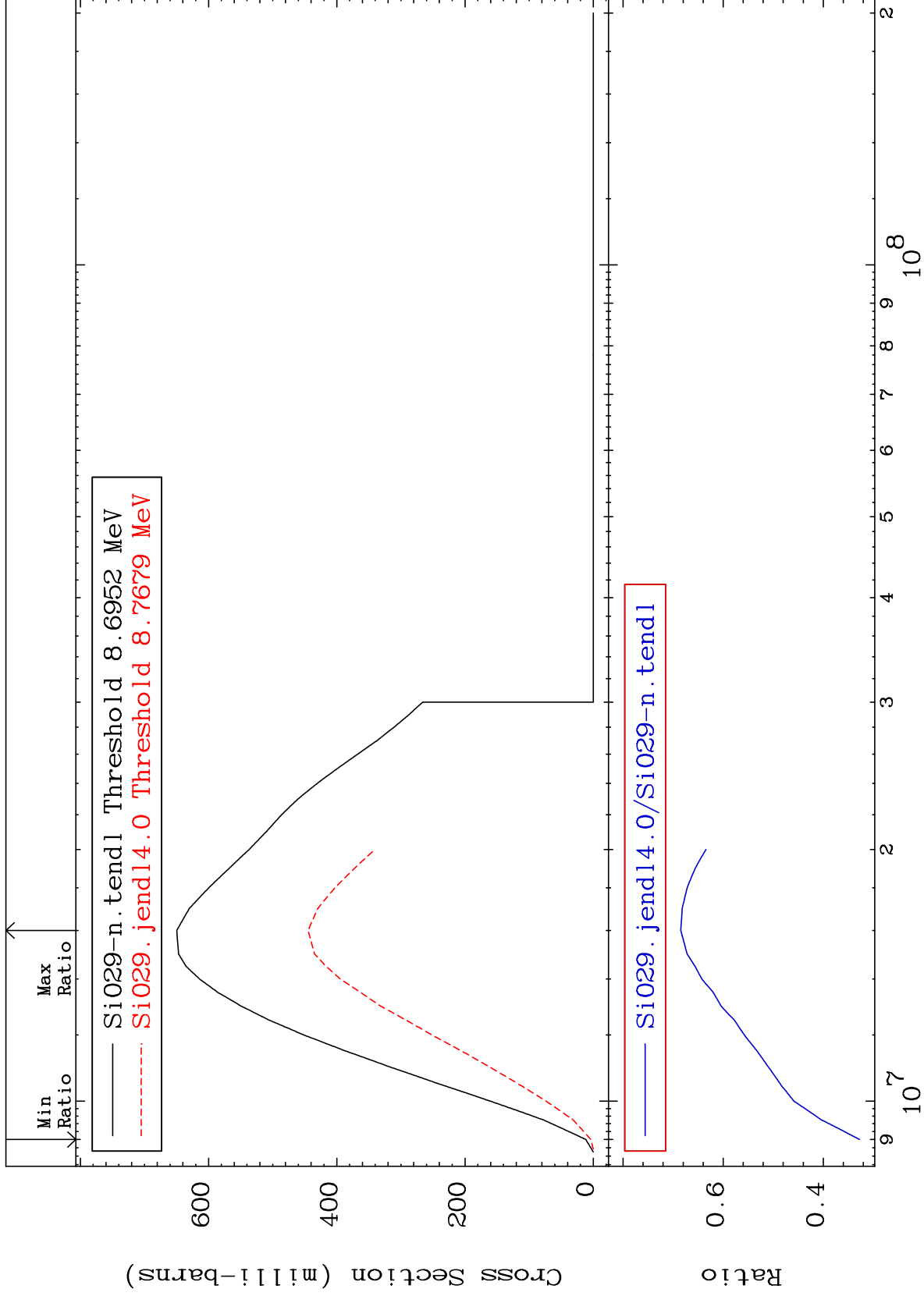
MAT 1428

(n,2n)

14-Si-29

Cross Section

-67.25 To -31.53%



14-Si-29

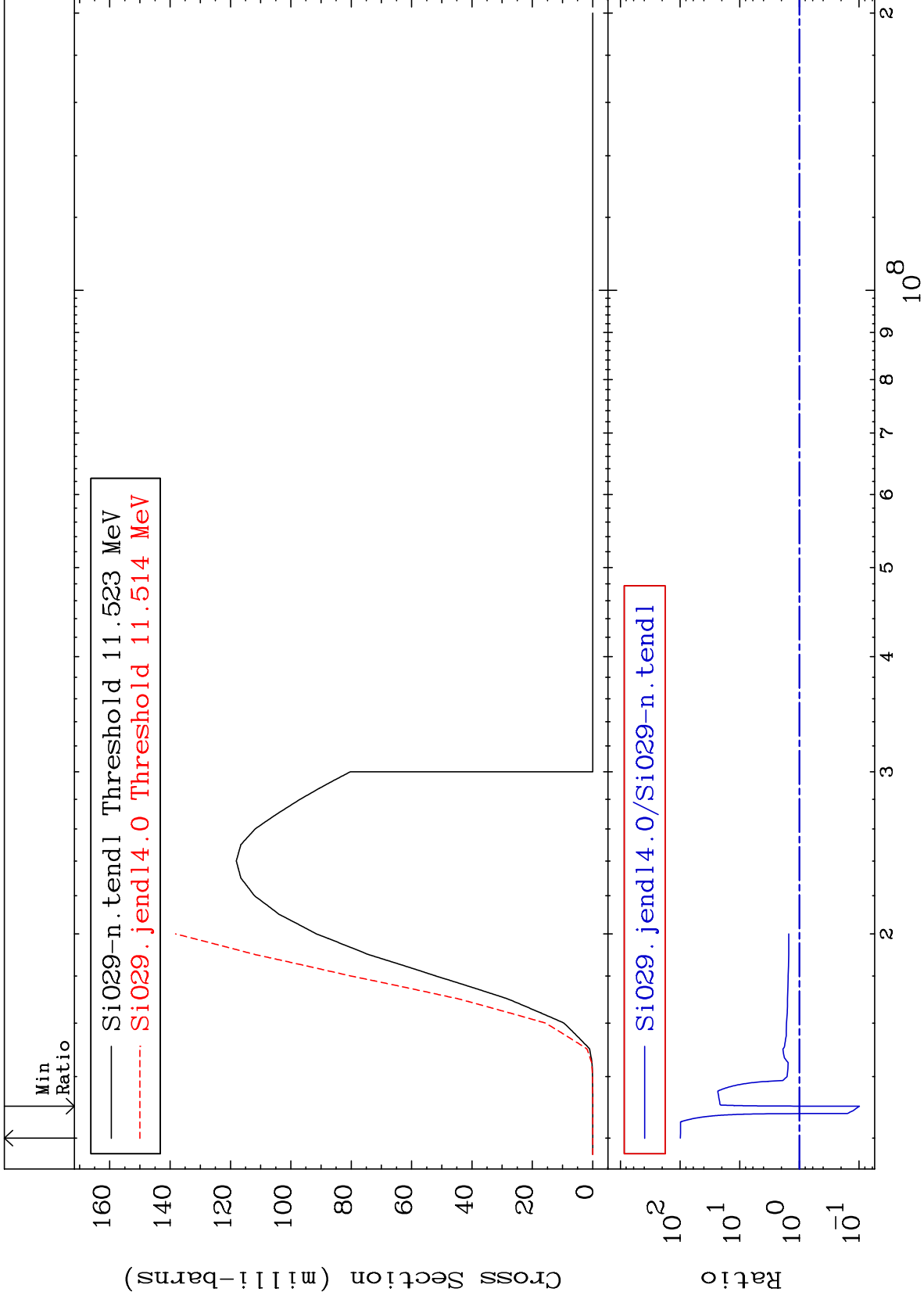
Incident Energy (eV)

4

MAT 1428

(n, n') α
Cross Section

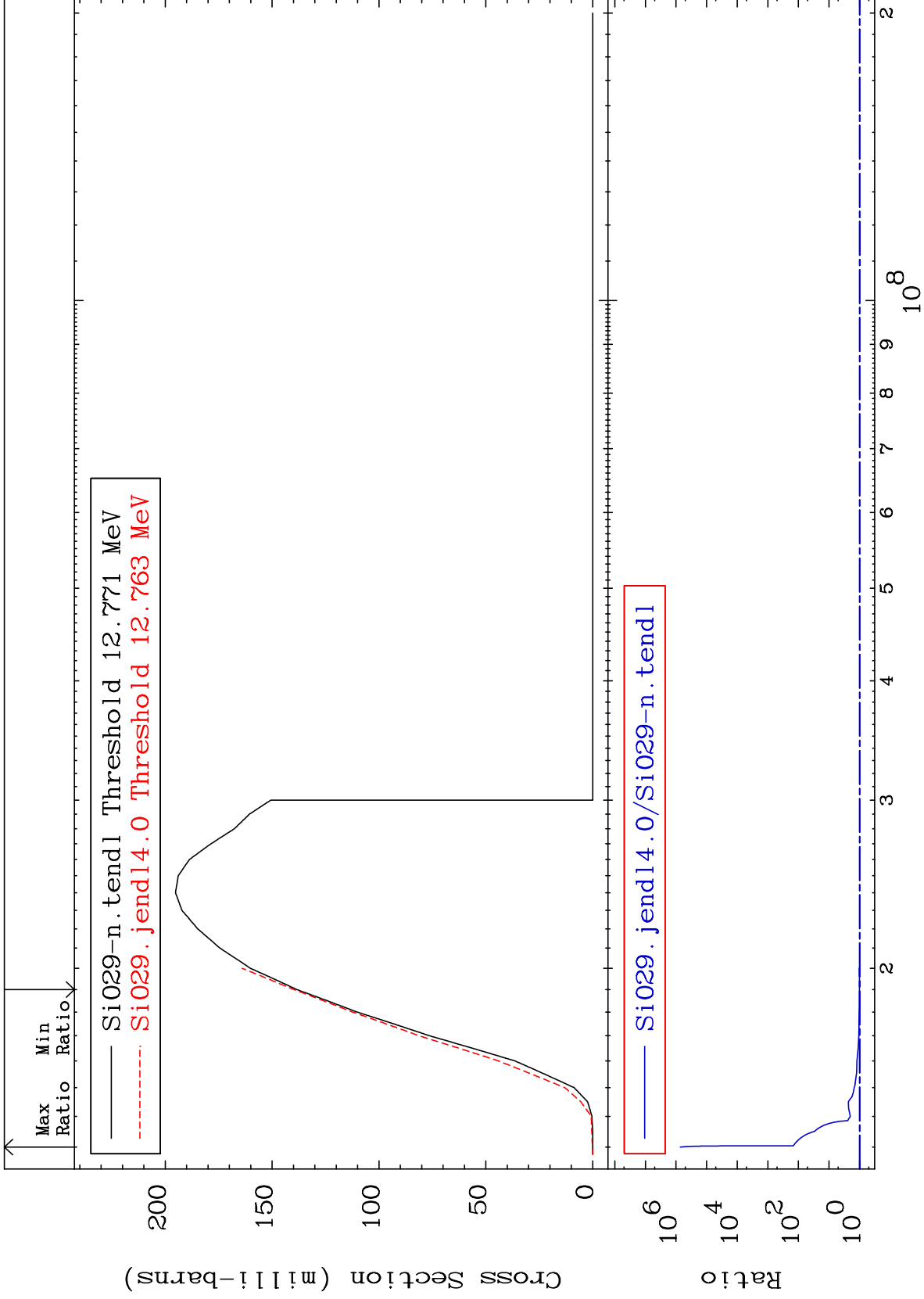
14-Si-29
-90.14 To 9790. %



MAT 1428

(n,n') p
Cross Section

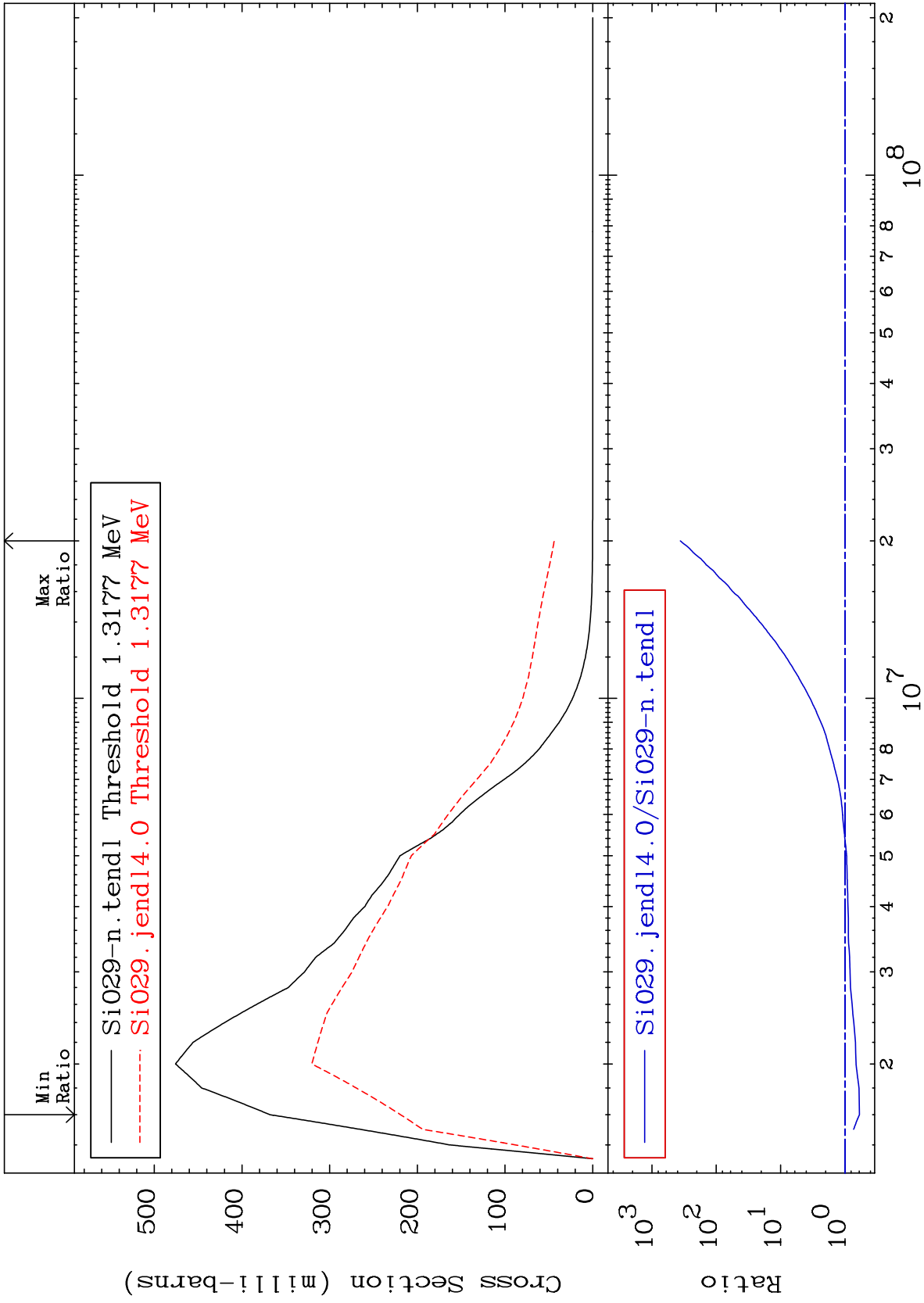
14-Si-29
0.996 To 9999. %



MAT 1428

1.273 MeV (n,n') Level
Cross Section

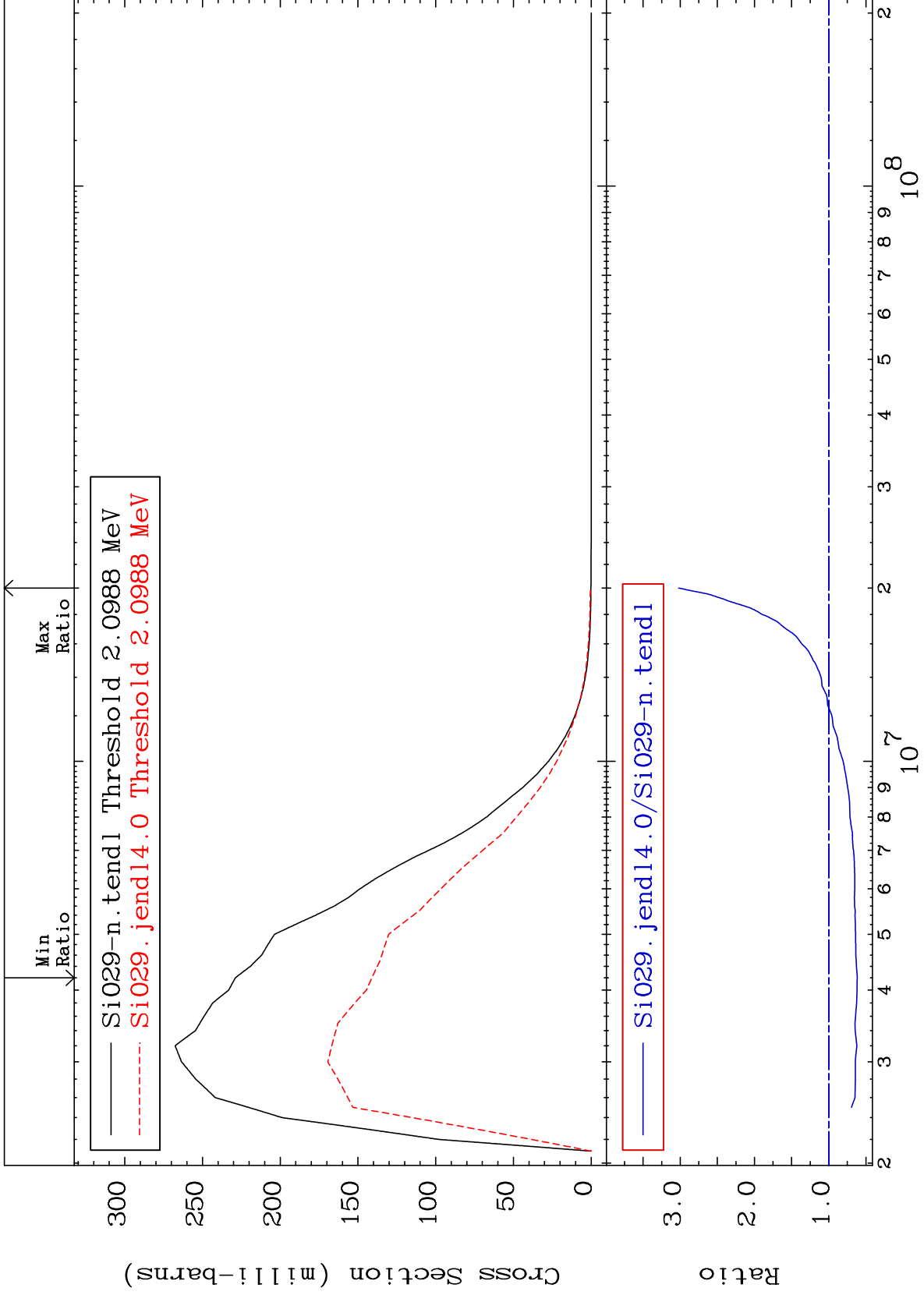
14-Si-29
-40.46 To 9999. %



MAT 1428

2.028 MeV (n,n') Level
Cross Section

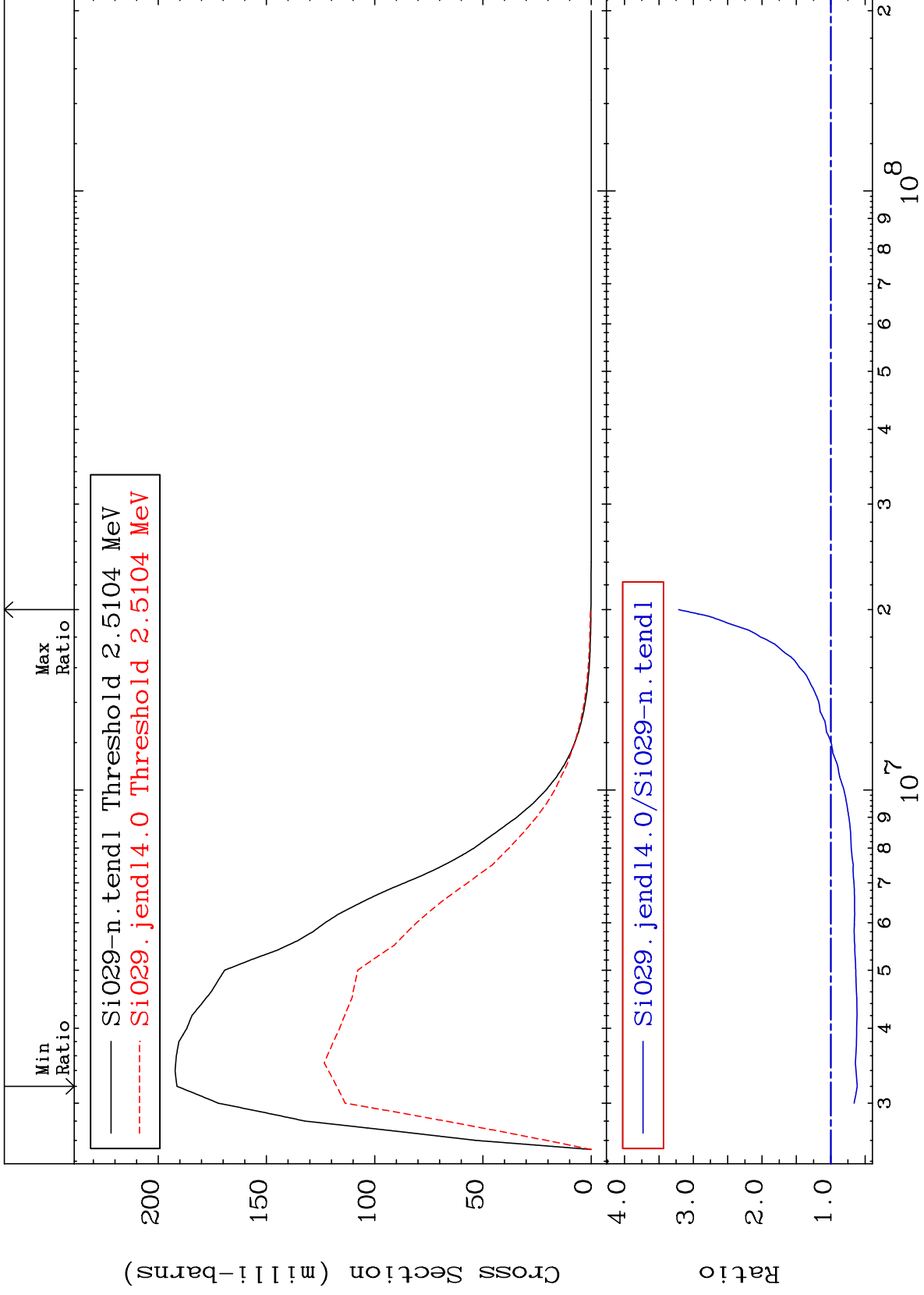
14-Si-29
-38.37 To 202.1 %



MAT 1428

2.426 MeV (n,n') Level
Cross Section

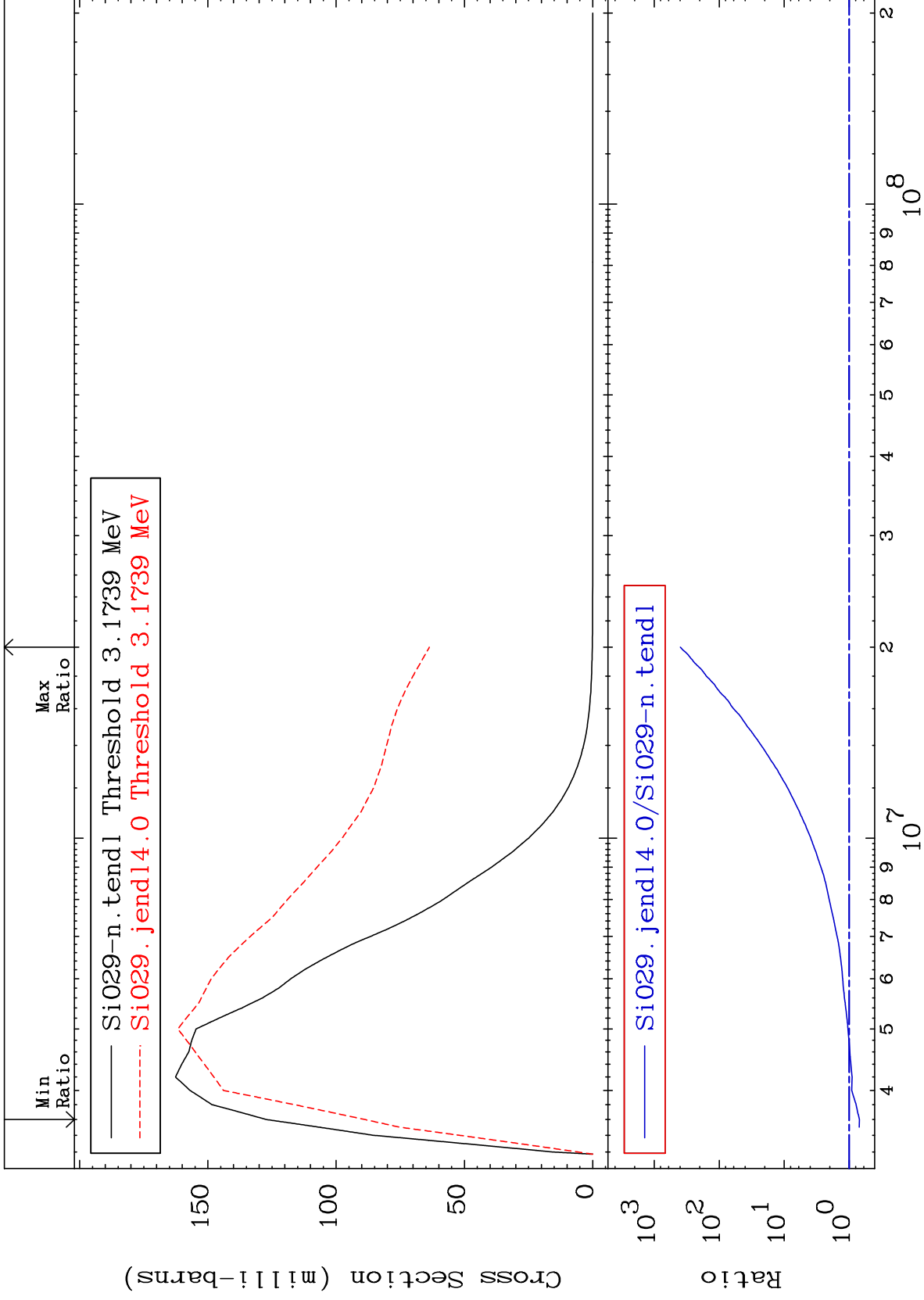
14-Si-29
-38.56 To 221.3 %



MAT 1428

3.067 MeV (n,n') Level
Cross Section

14-Si-29
-30.14 To 9999. %



10

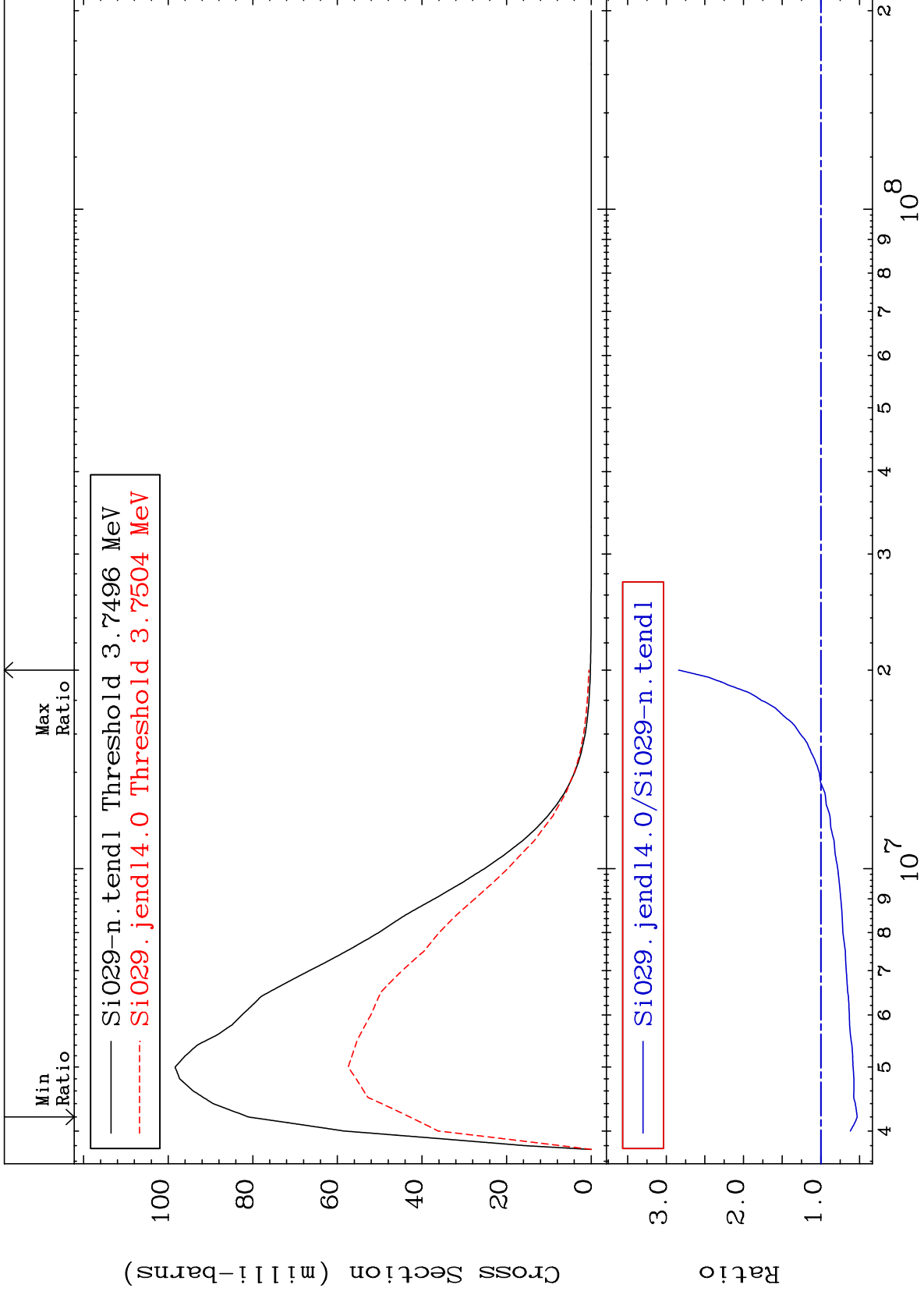
Incident Energy (eV)

14-Si-29

MAT 1428

3.623 MeV (n,n') Level
Cross Section

14-Si-29
-47.11 To 184.0 %



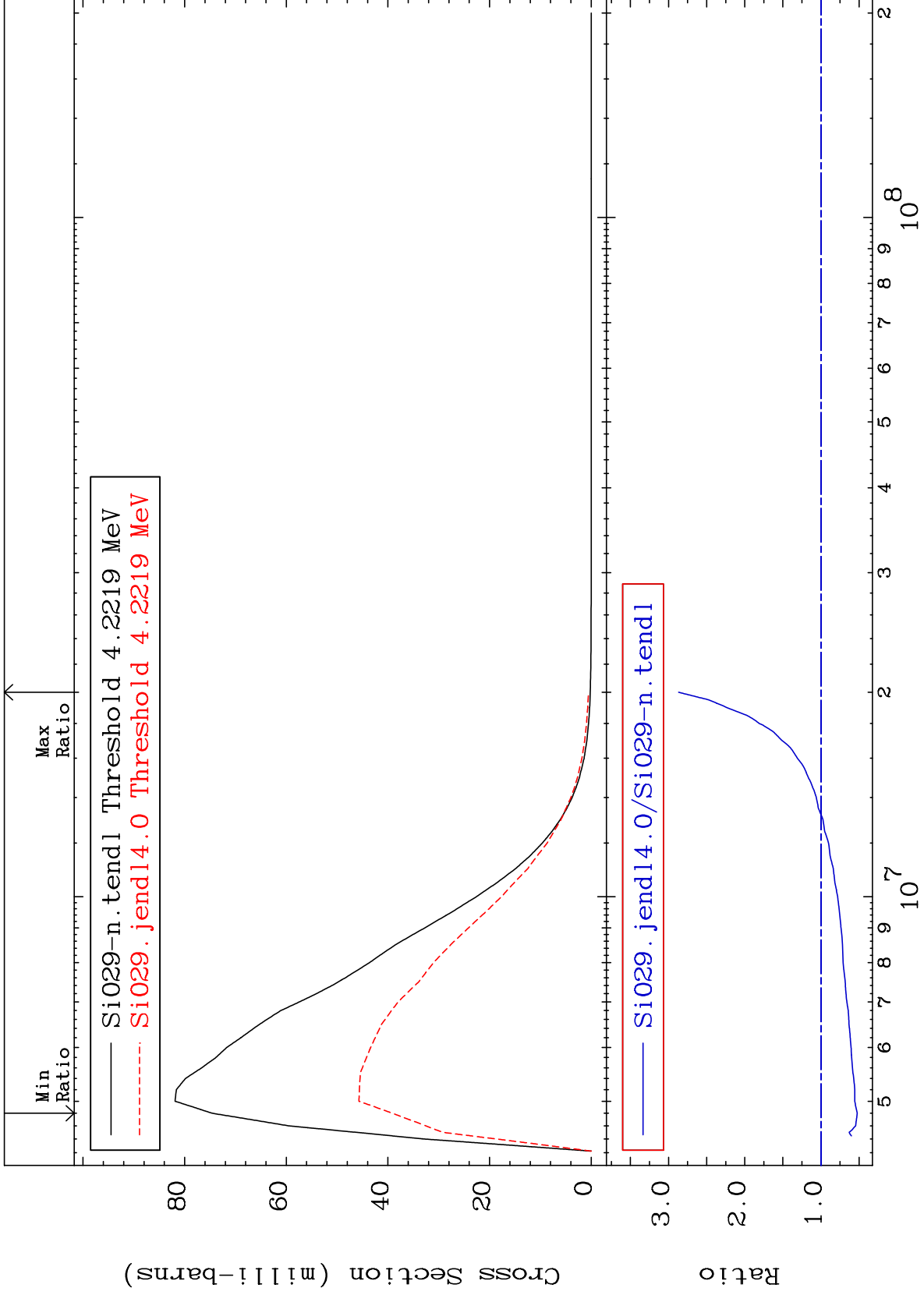
11

14-Si-29

MAT 1428

4.080 MeV (n,n') Level
Cross Section

14-Si-29
-47.54 To 186.7 %



12

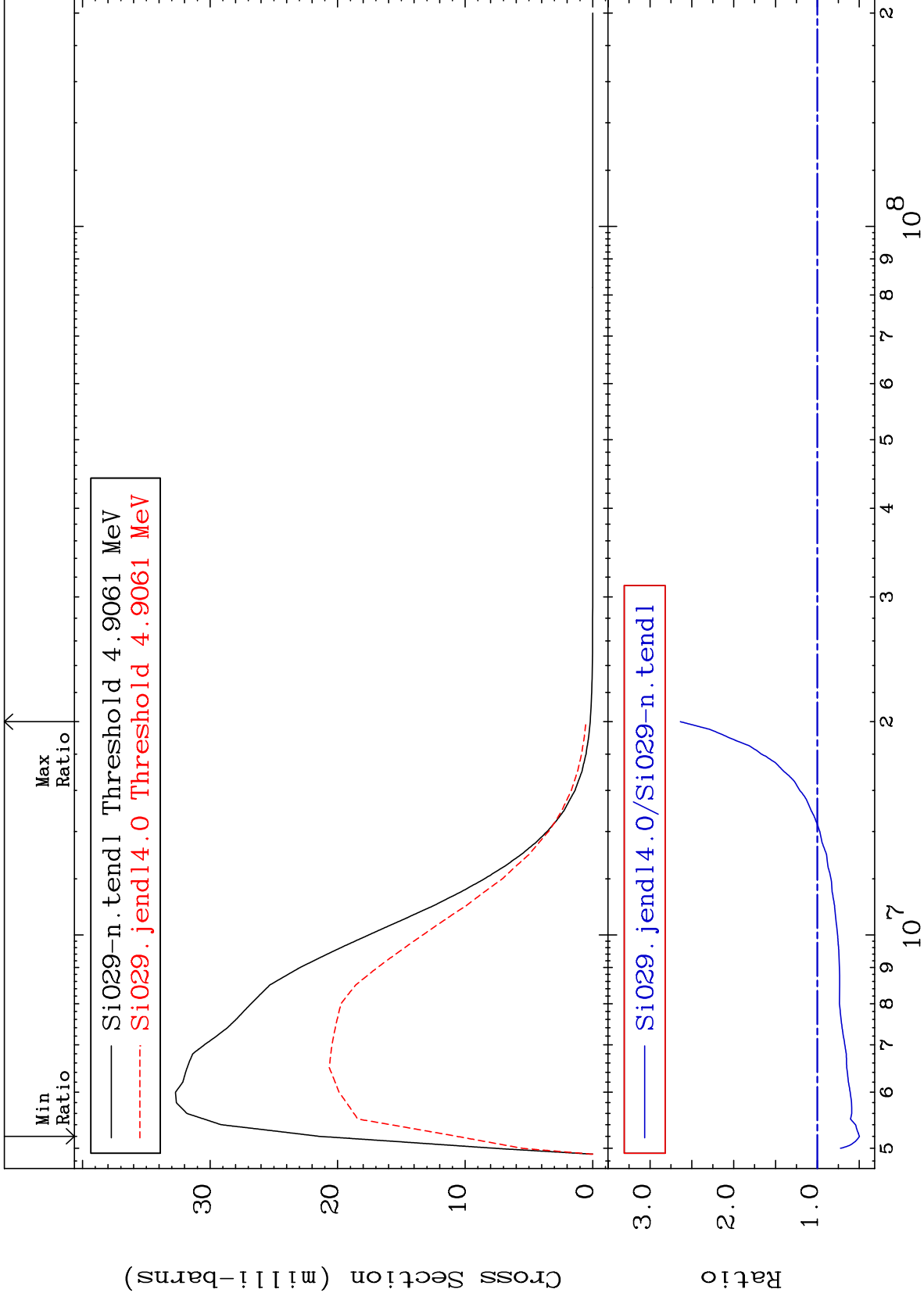
Incident Energy (eV)

14-Si-29

MAT 1428

4.741 MeV (n,n') Level
Cross Section

14-Si-29
-50.28 To 163.7 %



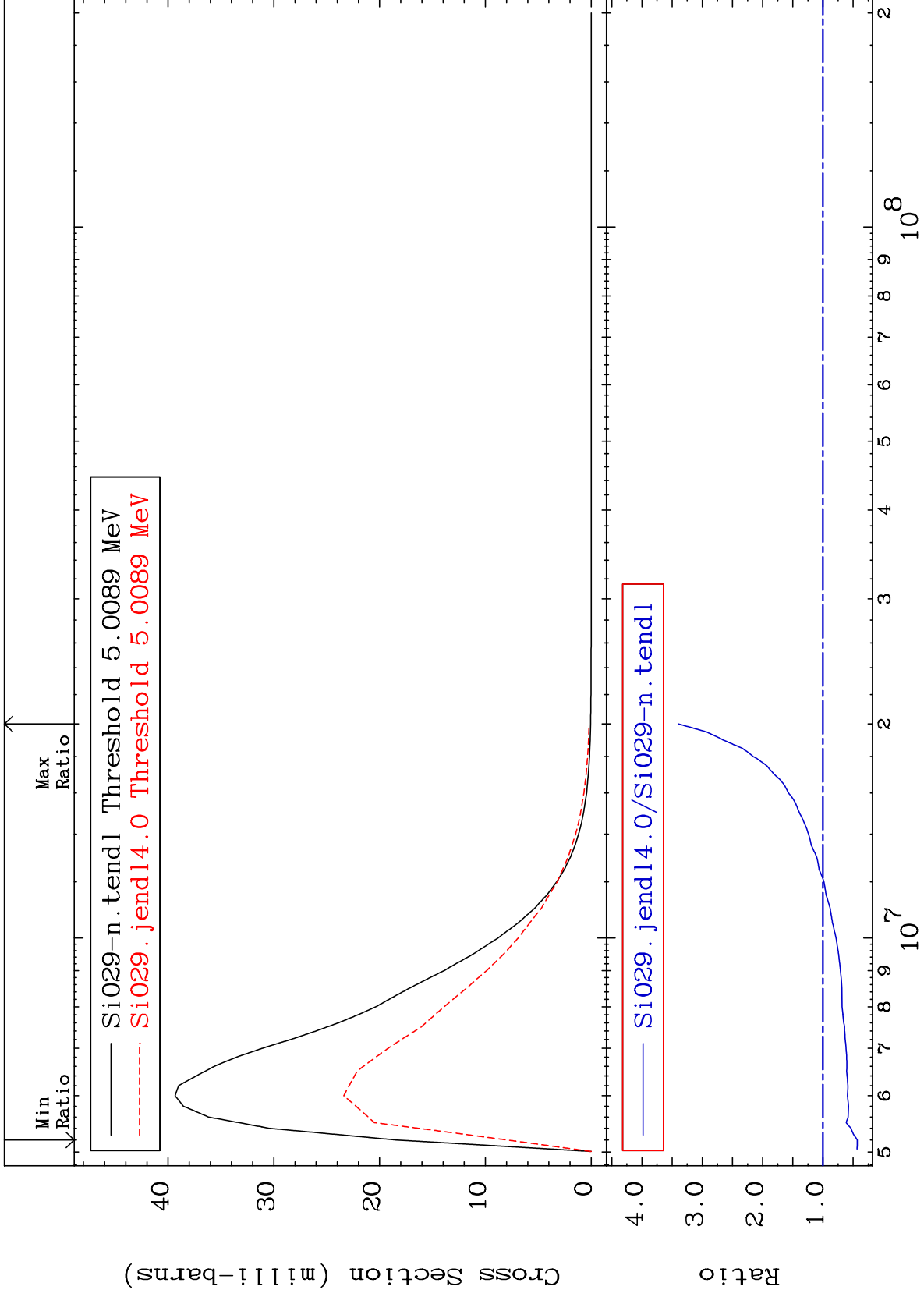
13

14-Si-29

MAT 1428

4.840 MeV (n,n') Level
Cross Section

14-Si-29
-56.80 To 239.2 %



14

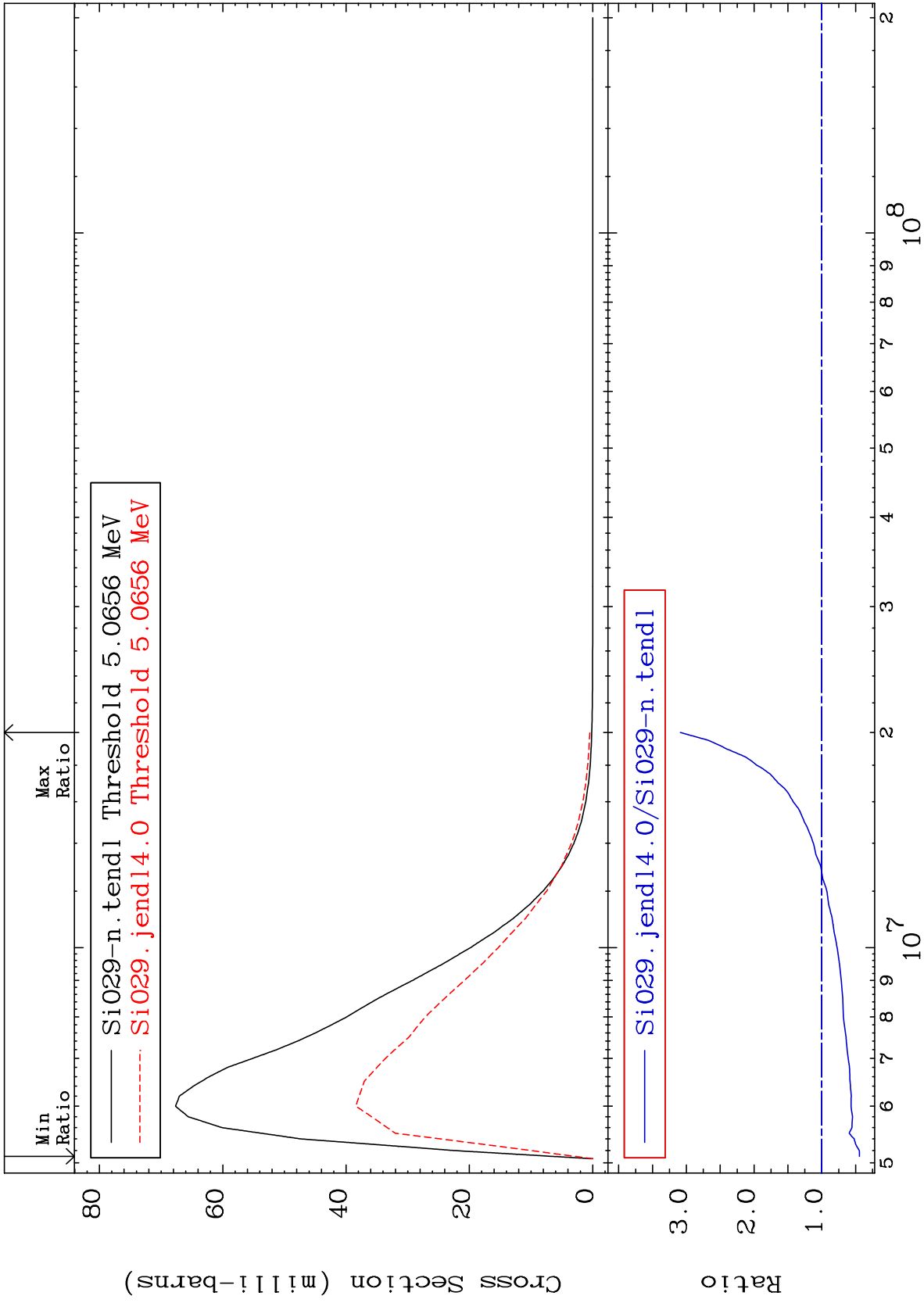
Incident Energy (eV)

14-Si-29

MAT 1428

4.895 MeV (n,n') Level
Cross Section

14-Si-29
-55.64 To 208.9 %



15

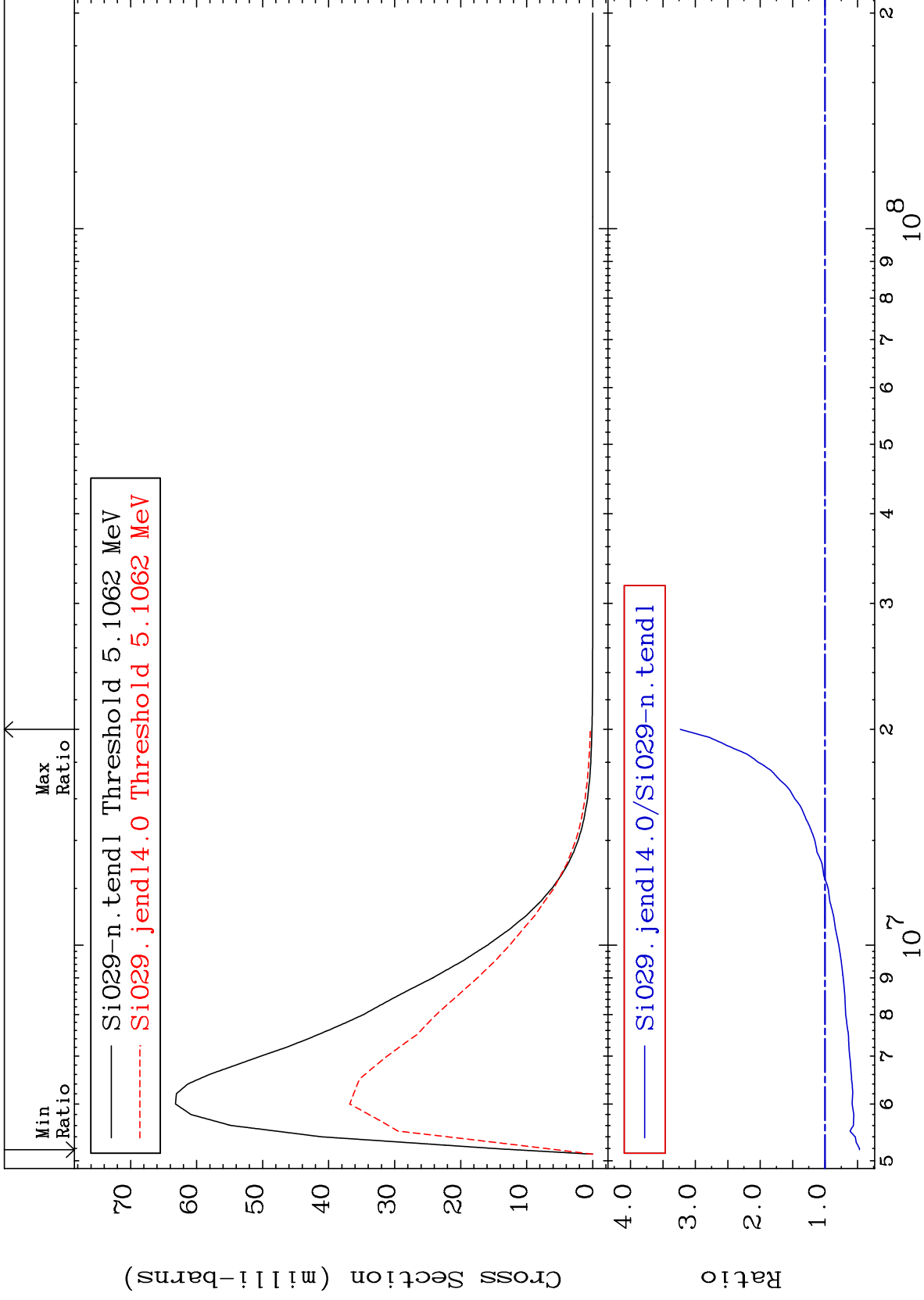
Incident Energy (eV)

14-Si-29

MAT 1428

4.934 MeV (n,n') Level
Cross Section

14-Si-29
-53.01 To 223.1 %



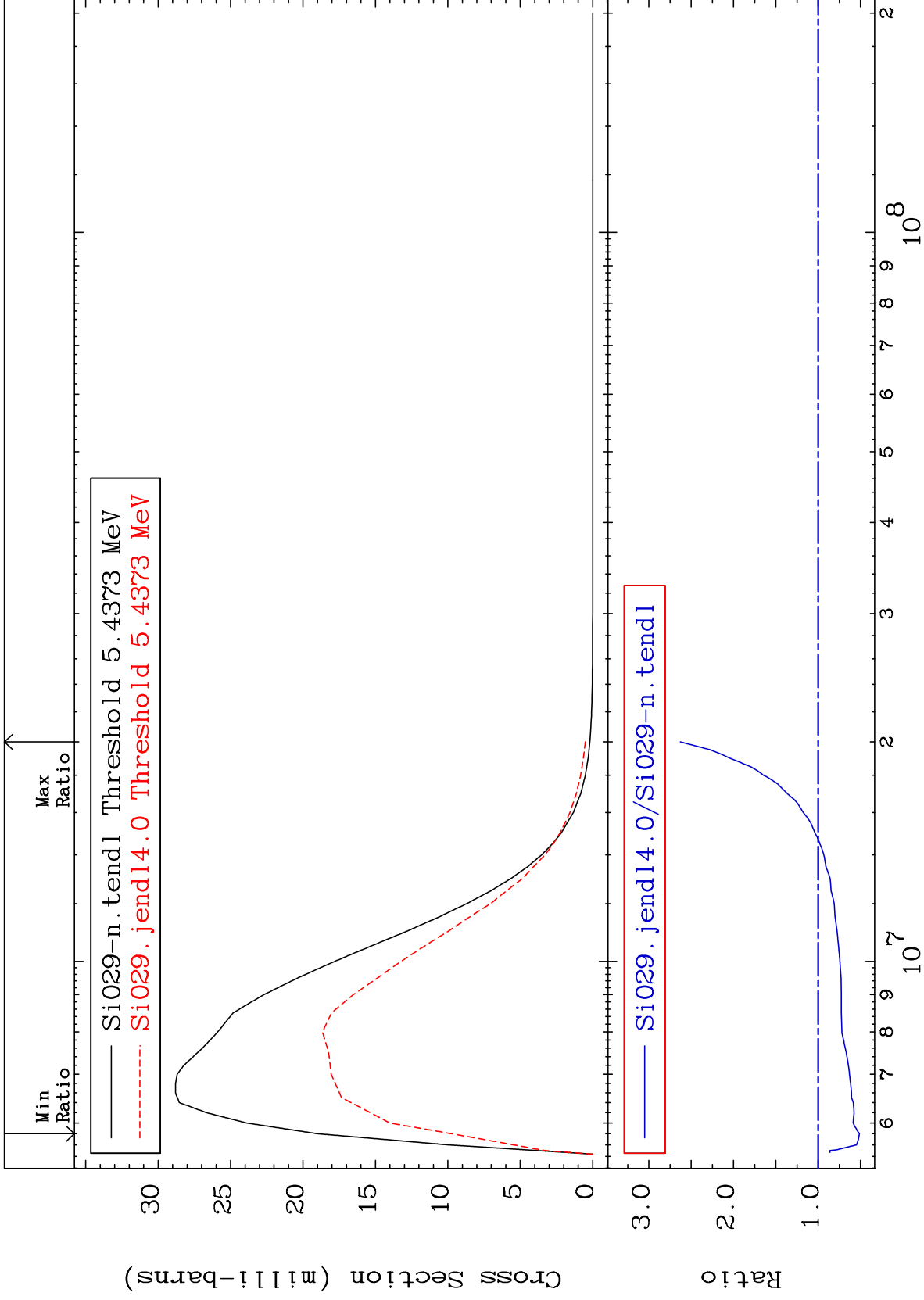
16

14-Si-29

MAT 1428

5.254 MeV (n,n') Level
Cross Section

14-Si-29
-48.75 To 162.8 %



17

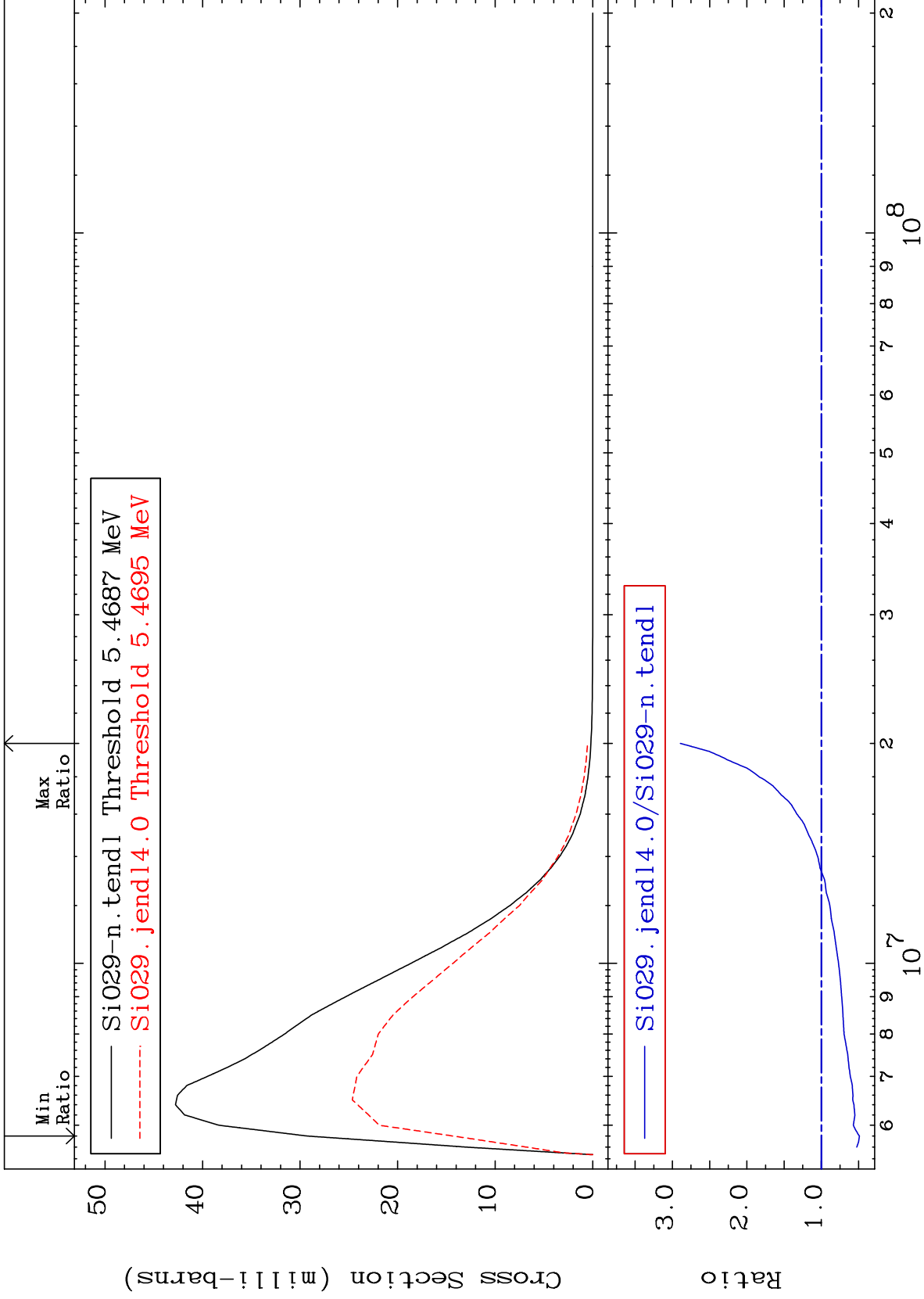
Incident Energy (eV)

14-Si-29

MAT 1428

5.285 MeV (n,n') Level
Cross Section

14-Si-29
-51.09 To 189.3 %



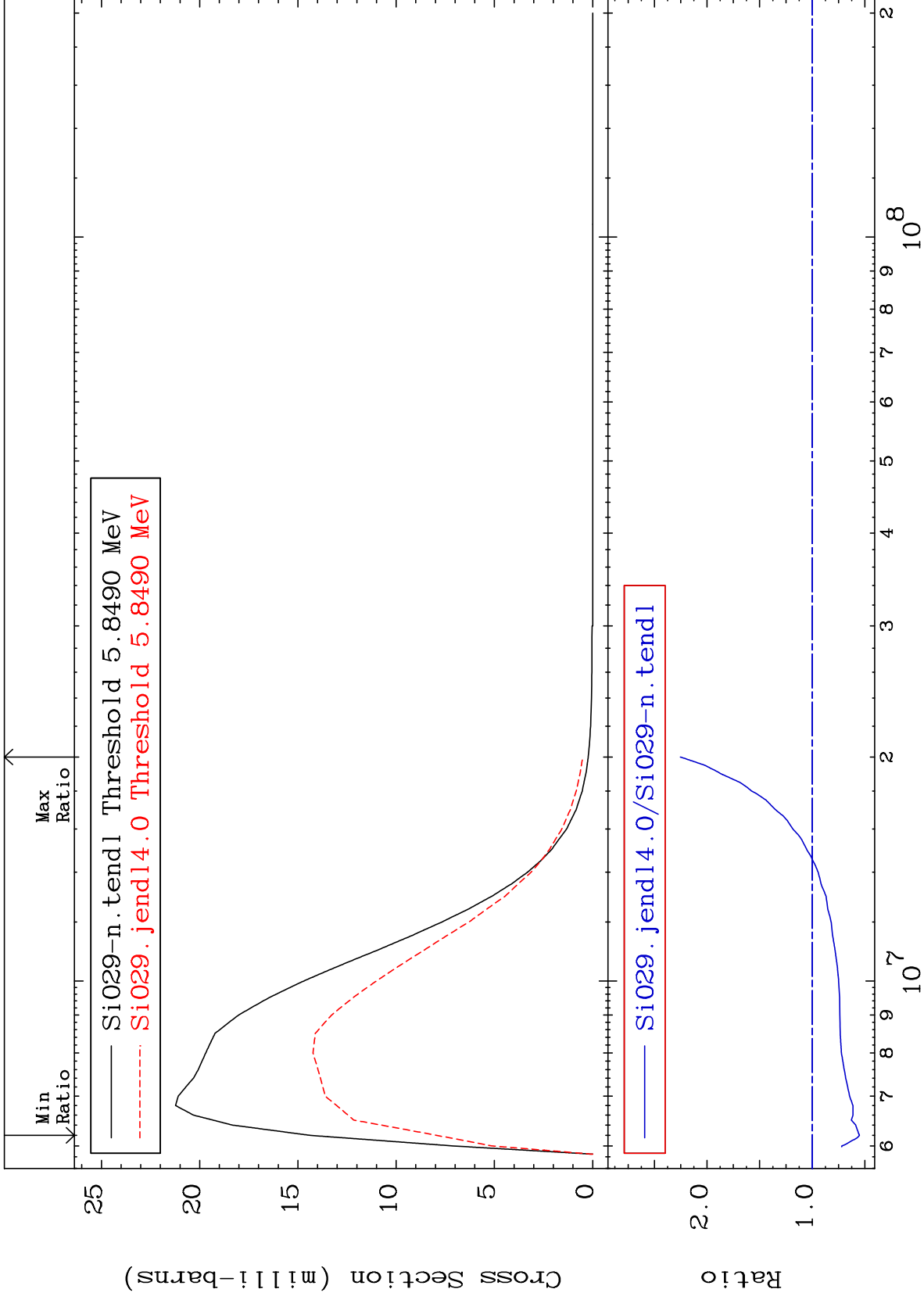
18

14-Si-29

MAT 1428

5.652 MeV (n,n') Level
Cross Section

14-Si-29
-44.83 To 125.3 %



19

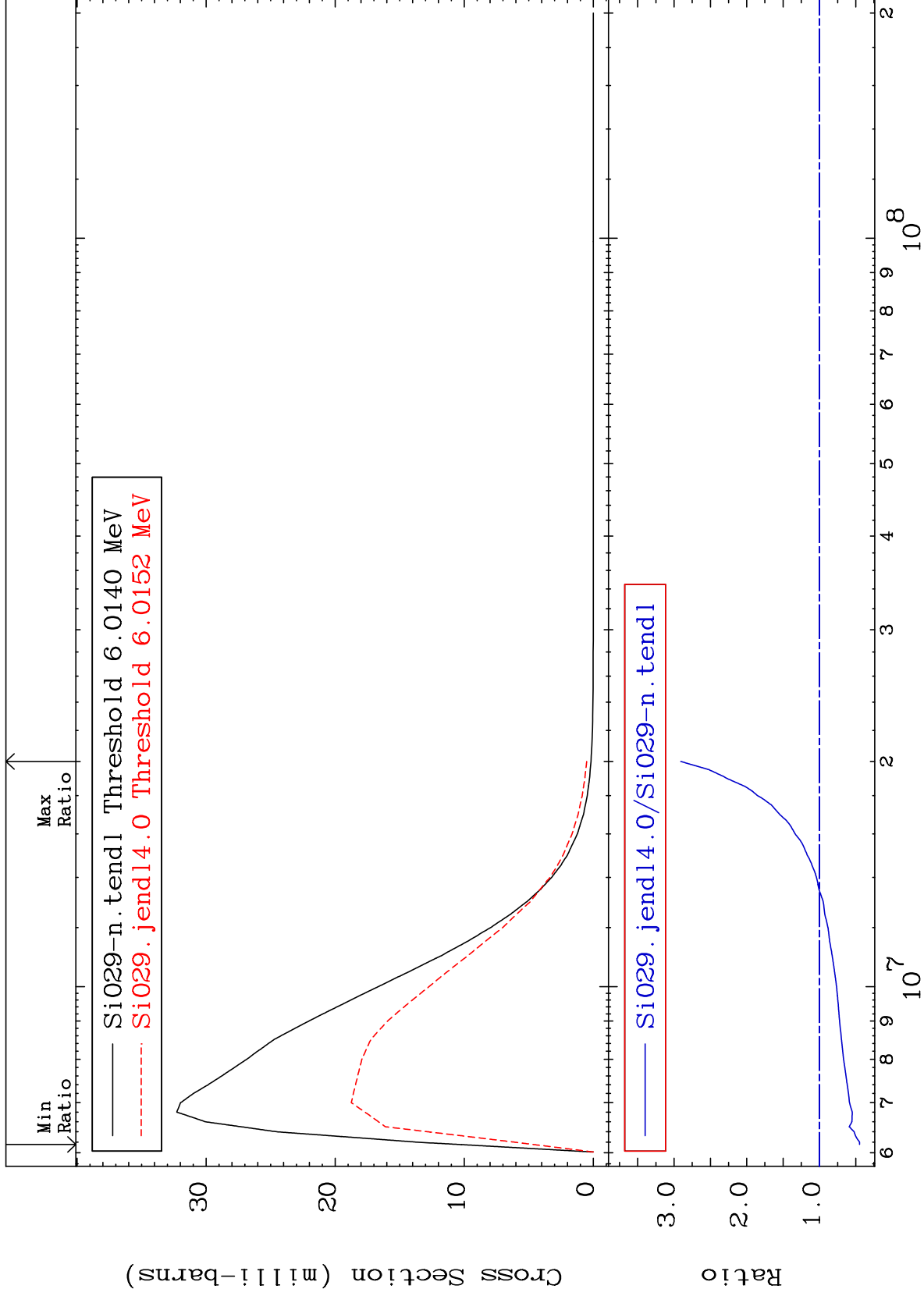
14-Si-29

14-Si-29

MAT 1428

5.812 MeV (n,n') Level
Cross Section

14-Si-29
-55.20 To 190.8 %



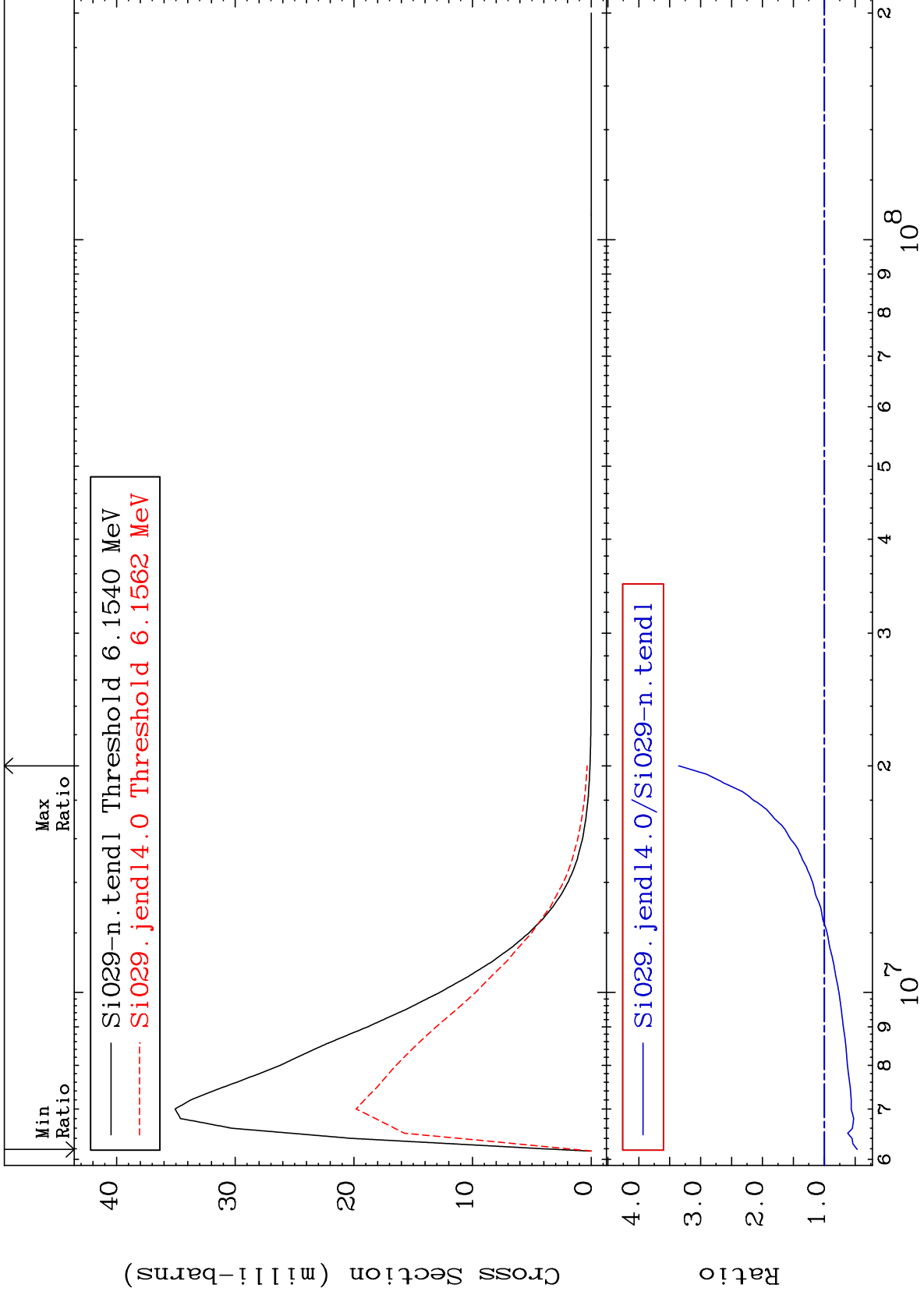
20

14-Si-29

MAT 1428

5.947 MeV (n,n') Level
Cross Section

14-Si-29
-53.20 To 235.5 %



21

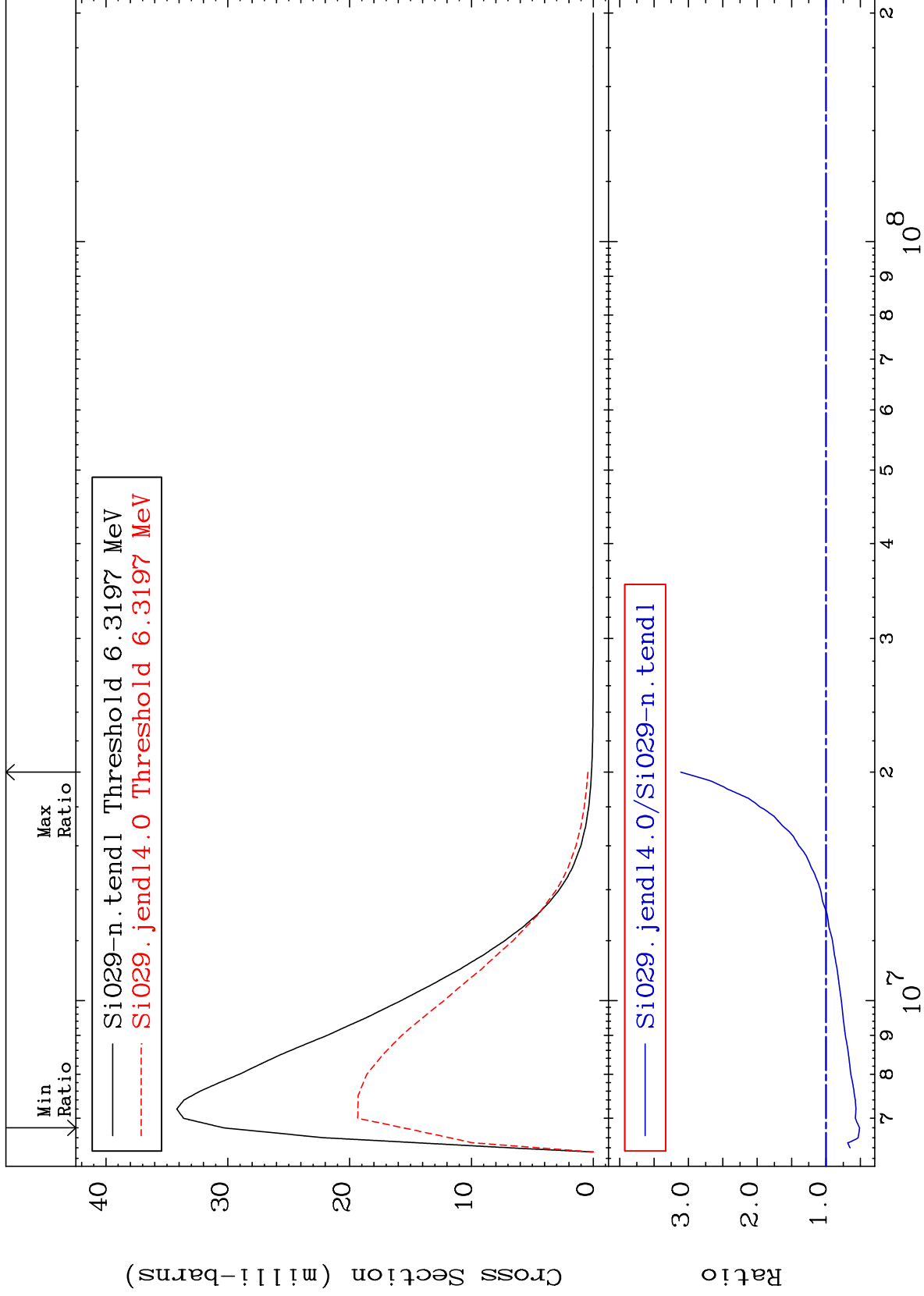
Incident Energy (eV)

14-Si-29

MAT 1428

6.107 MeV (n,n') Level
Cross Section

14-Si-29
-48.72 To 211.1 %



22

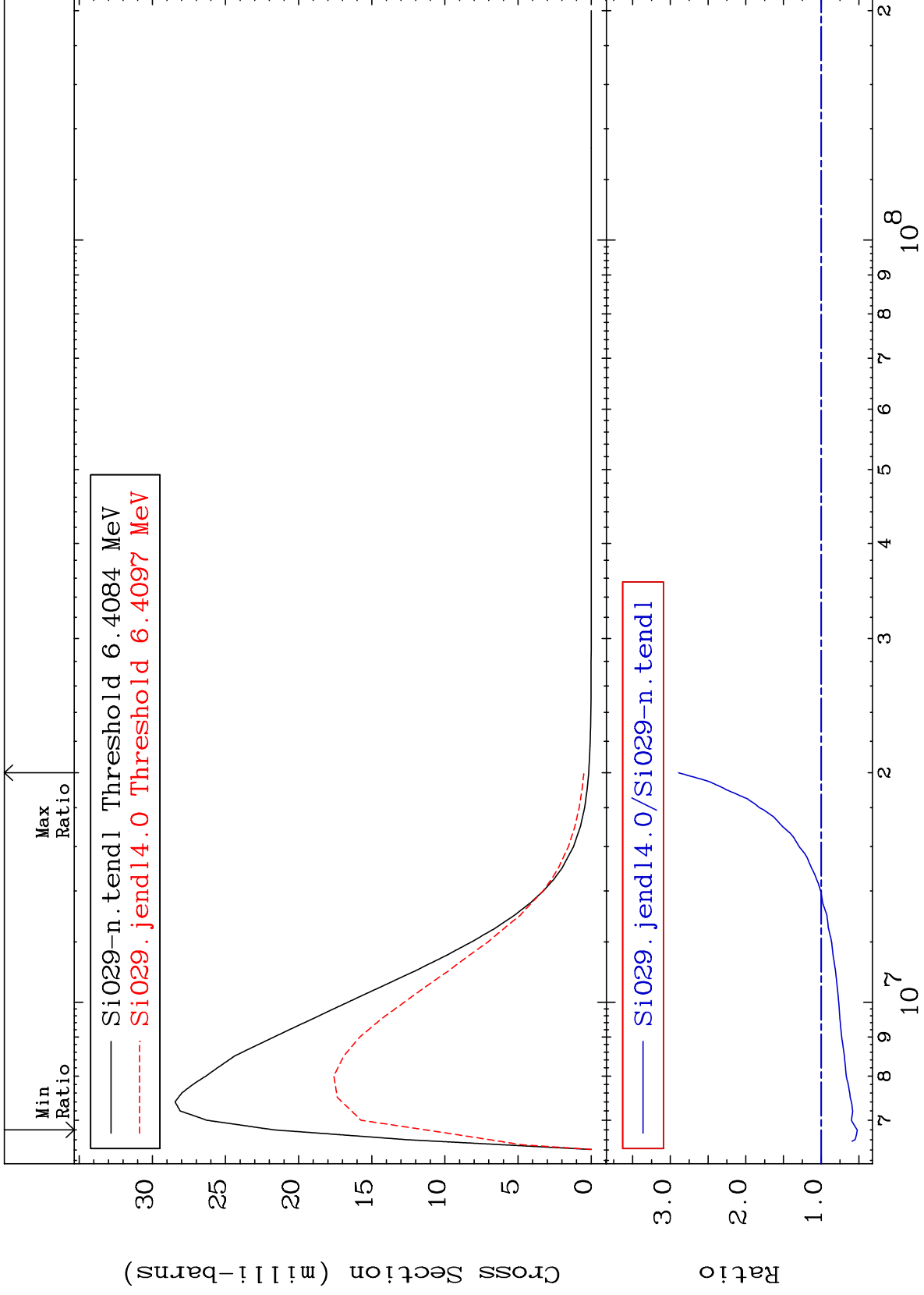
Incident Energy (eV)

14-Si-29

MAT 1428

6.193 MeV (n,n') Level
Cross Section

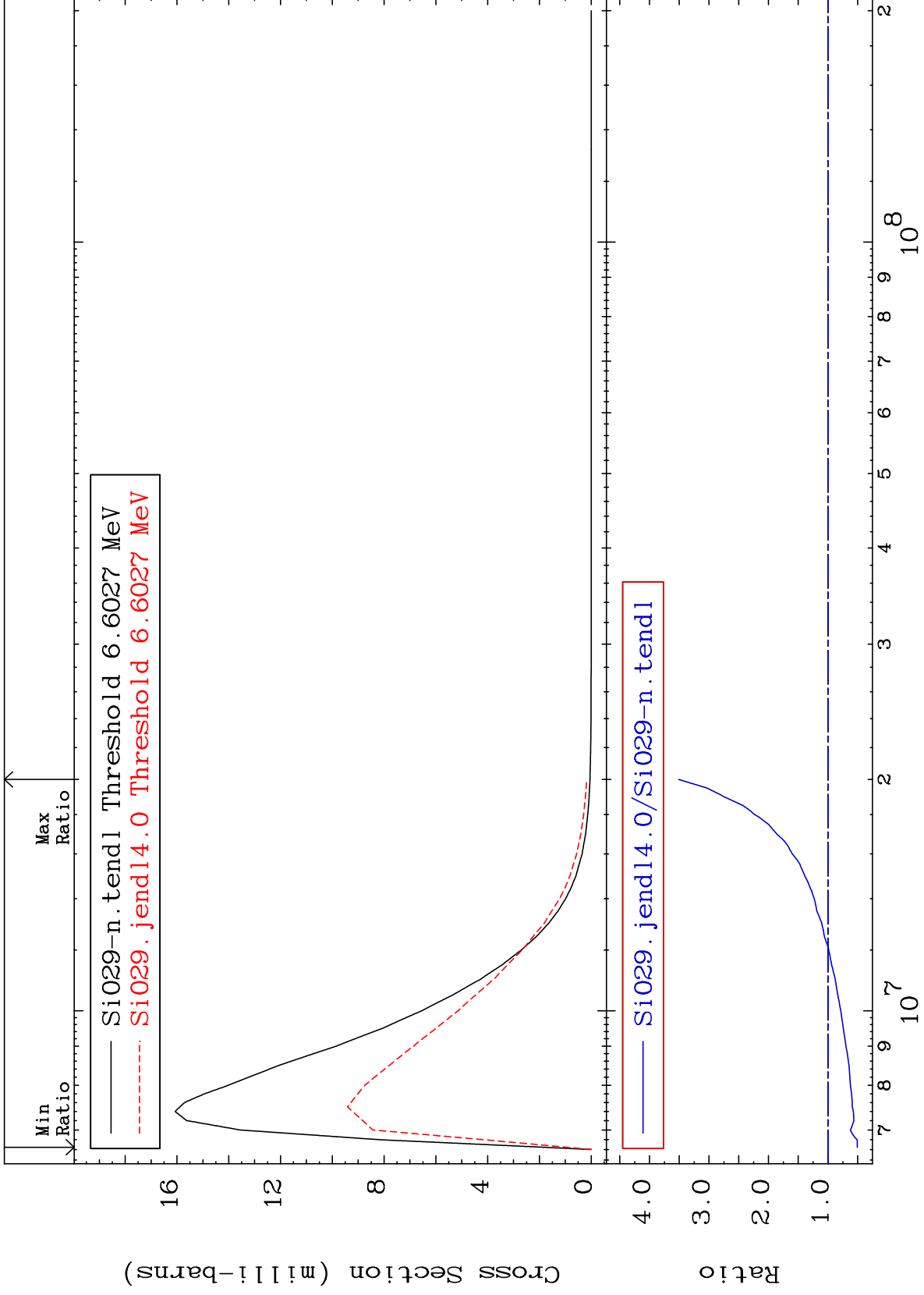
14-Si-29
-47.77 To 189.0 %



MAT 1428

6.381 MeV (n,n') Level
Cross Section

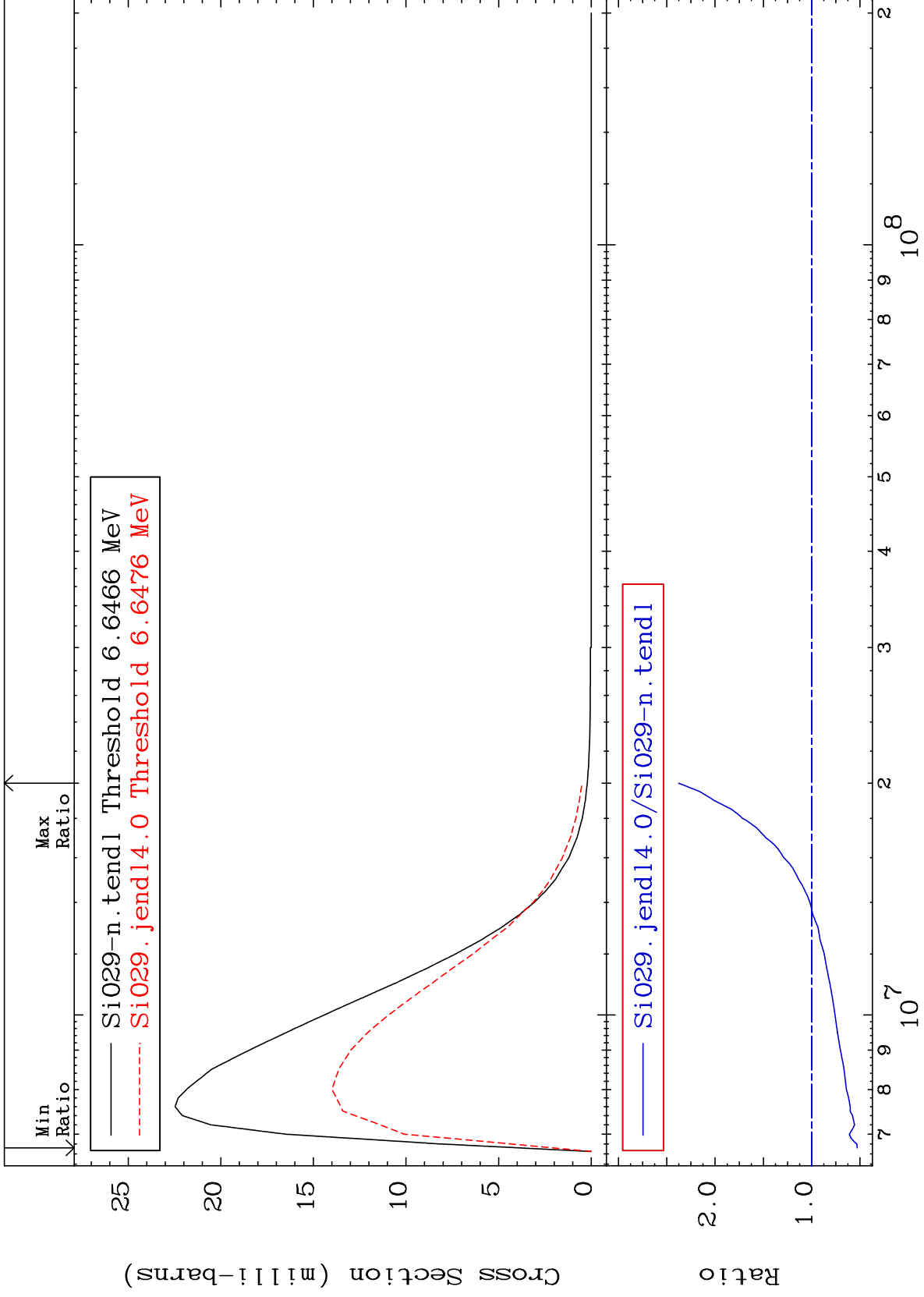
14-Si-29
-49.18 To 251.1 %



MAT 1428

6.423 MeV (n,n') Level
Cross Section

14-Si-29
-47.19 To 137.7 %



25

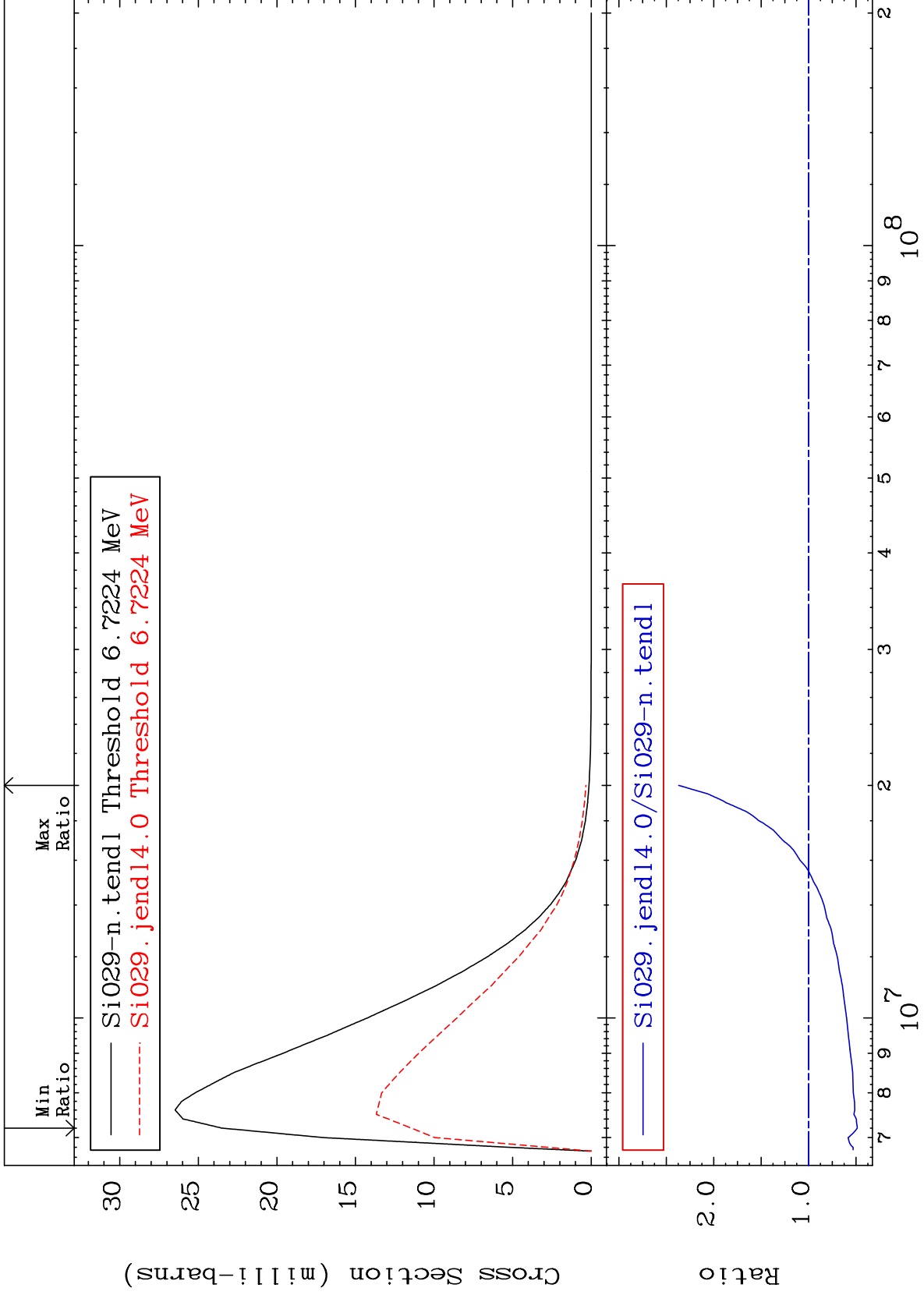
Incident Energy (eV)

14-Si-29

MAT 1428

6.496 MeV (n,n') Level
Cross Section

14-Si-29
-51.29 To 137.0 %



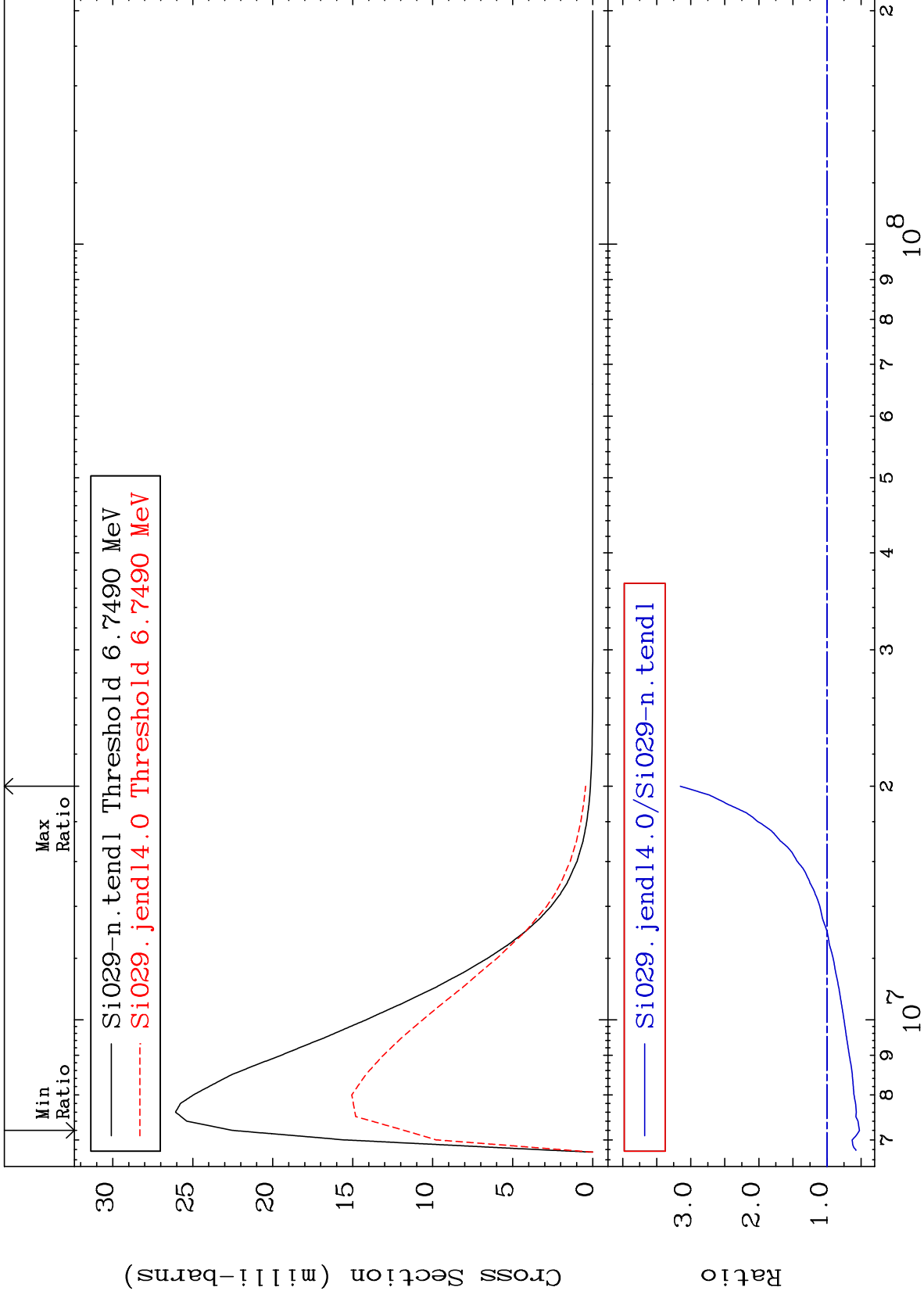
26

14-Si-29

MAT 1428

6.522 MeV (n,n') Level
Cross Section

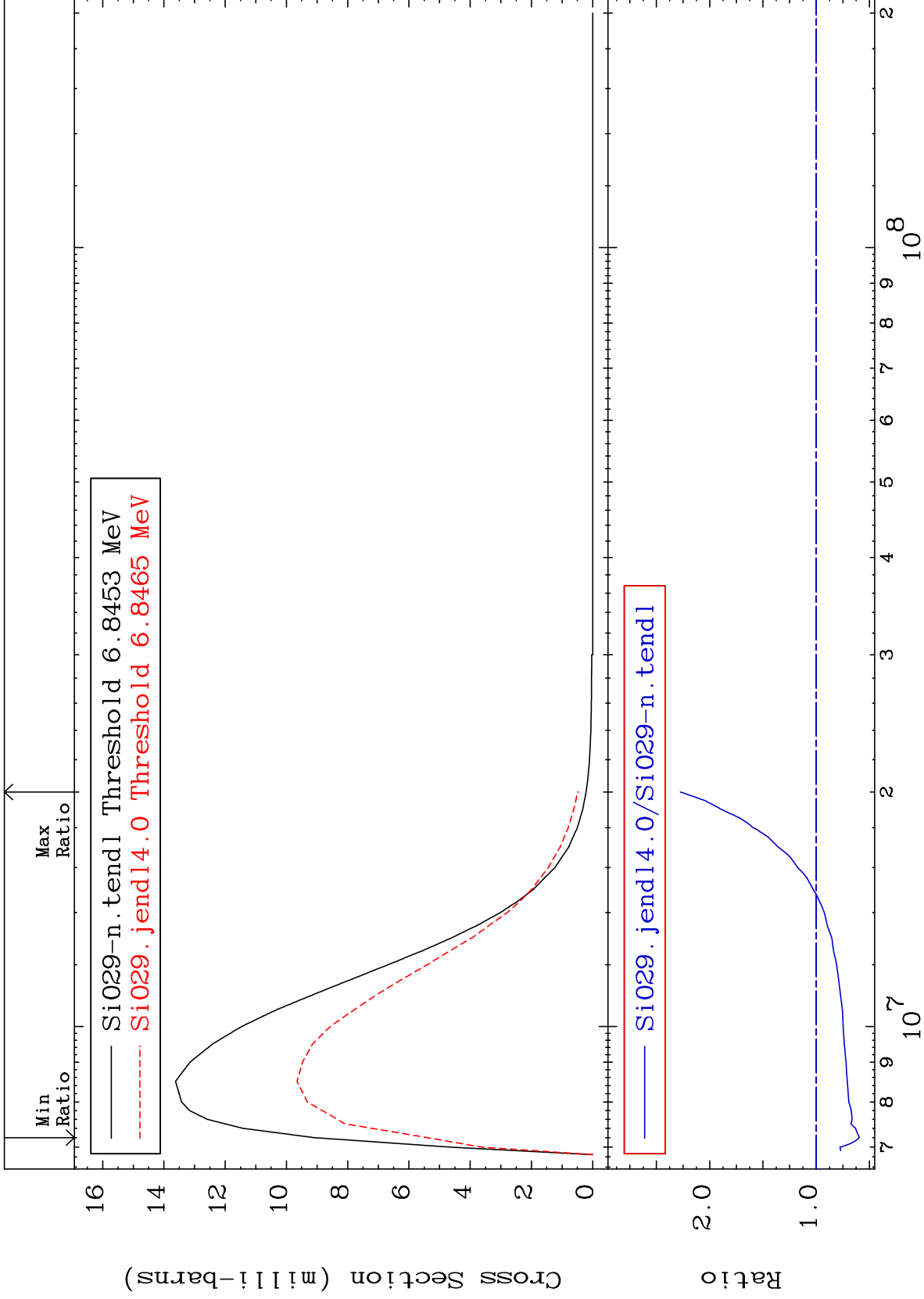
14-Si-29
-47.67 To 215.3 %



MAT 1428

6.615 MeV (n,n') Level
Cross Section

14-Si-29
-40.55 To 127.5 %



28

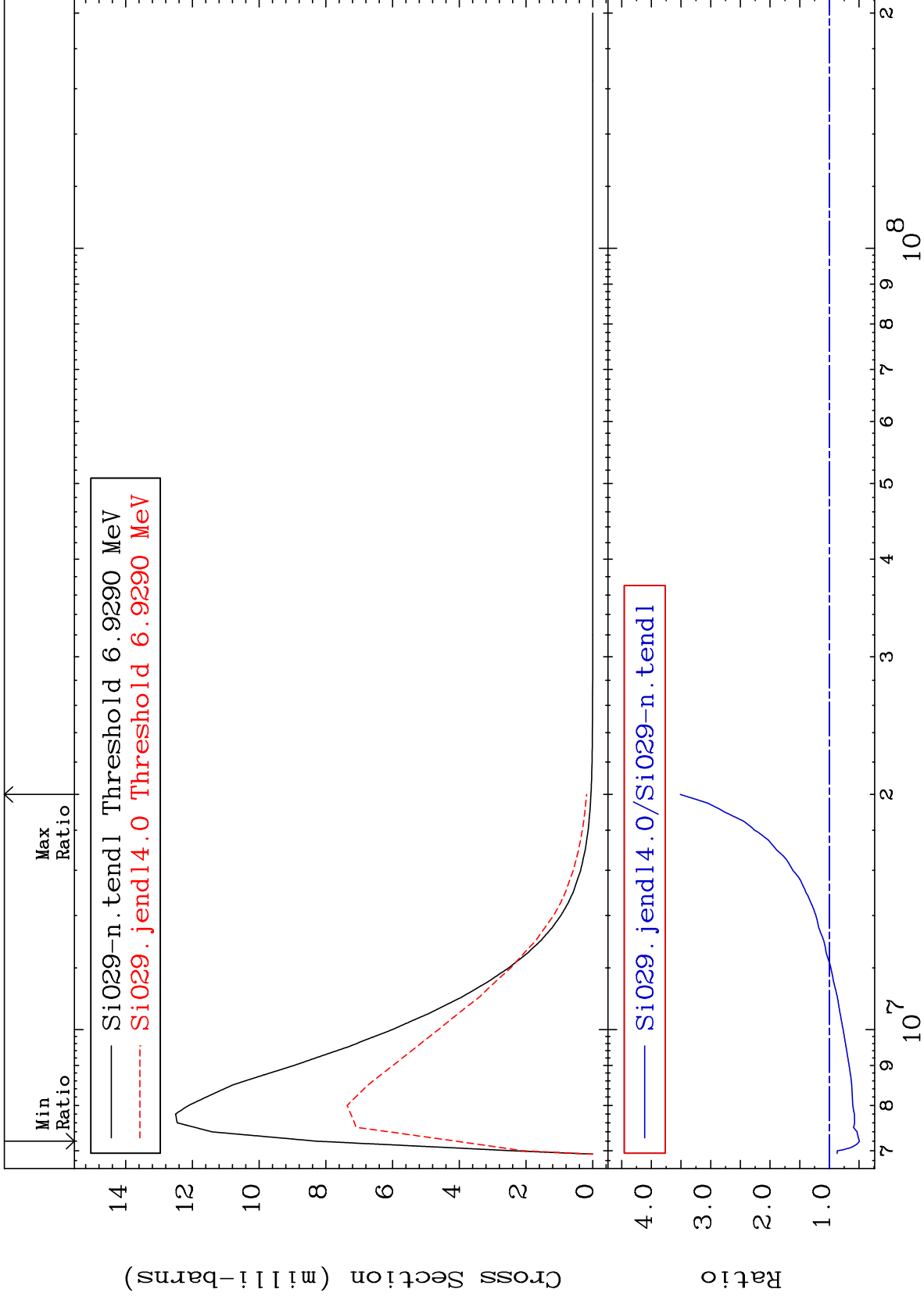
Incident Energy (eV)

14-Si-29

MAT 1428

6.696 MeV (n,n') Level
Cross Section

14-Si-29
-50.57 To 251.1 %



29

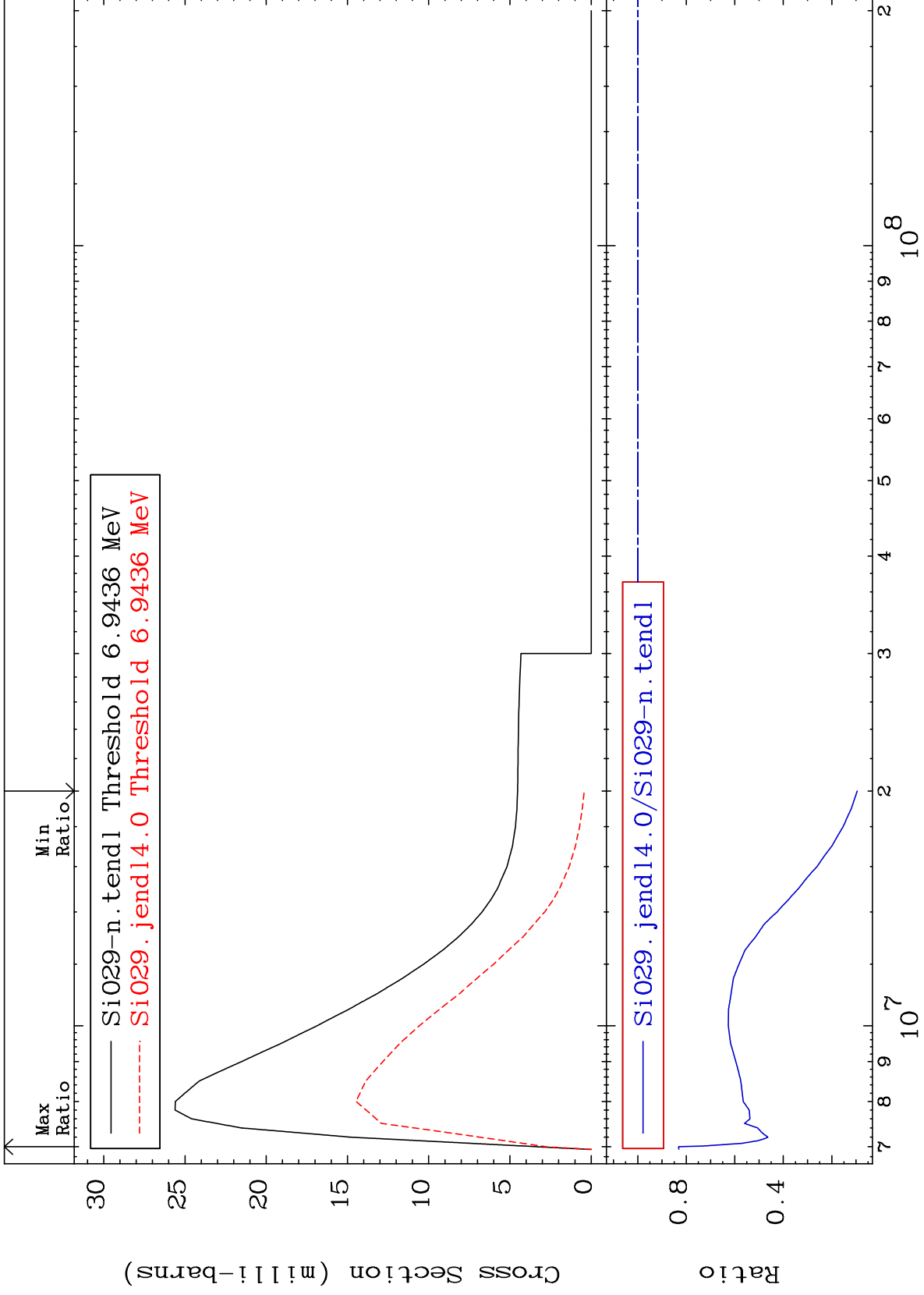
Incident Energy (eV)

14-Si-29

MAT 1428

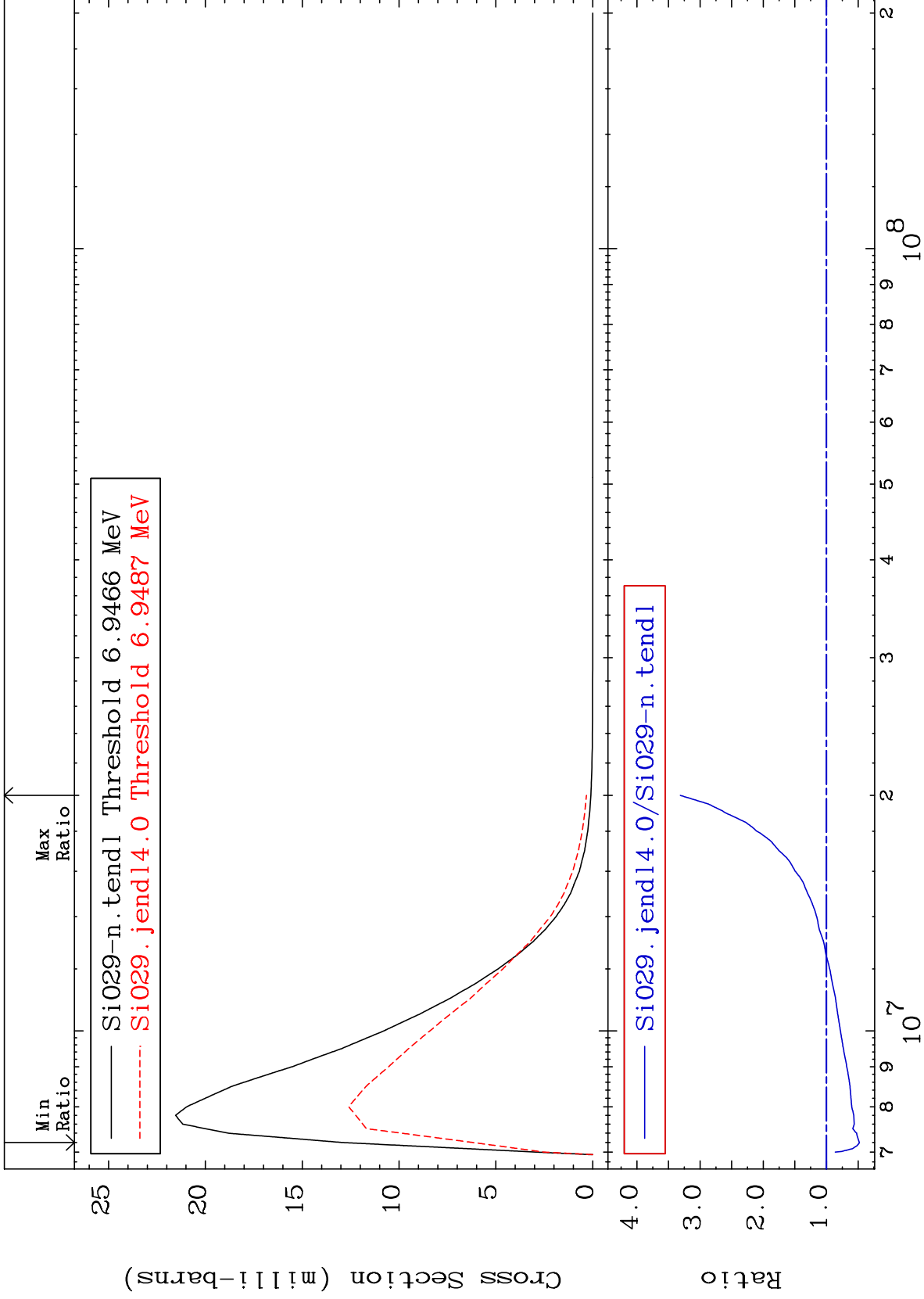
6.710 MeV (n,n') Level
Cross Section

14-Si-29
-90.50 To -16.85%



30

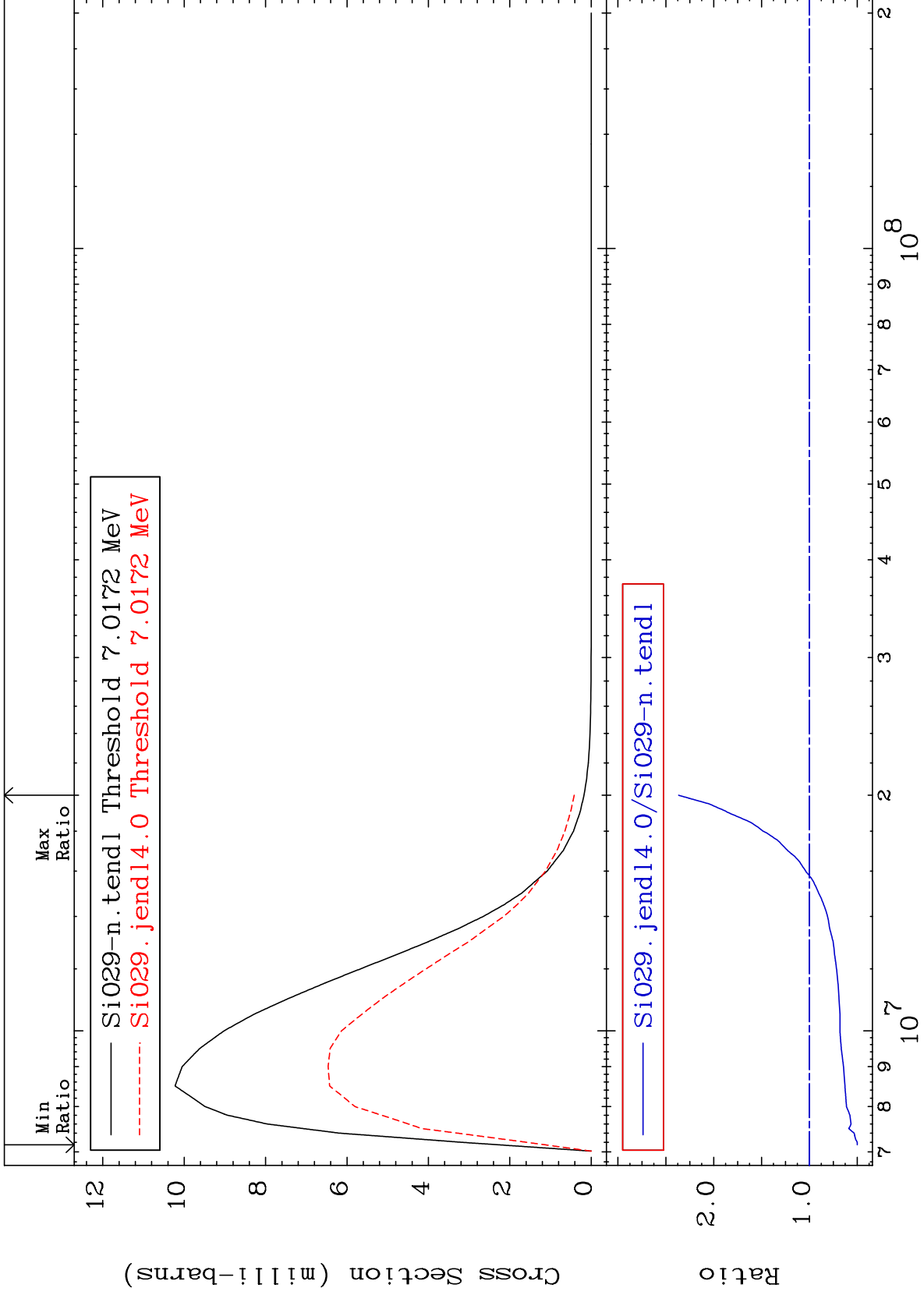
14-Si-29



MAT 1428

6.781 MeV (n,n') Level
Cross Section

14-Si-29
-50.06 To 136.6 %



32

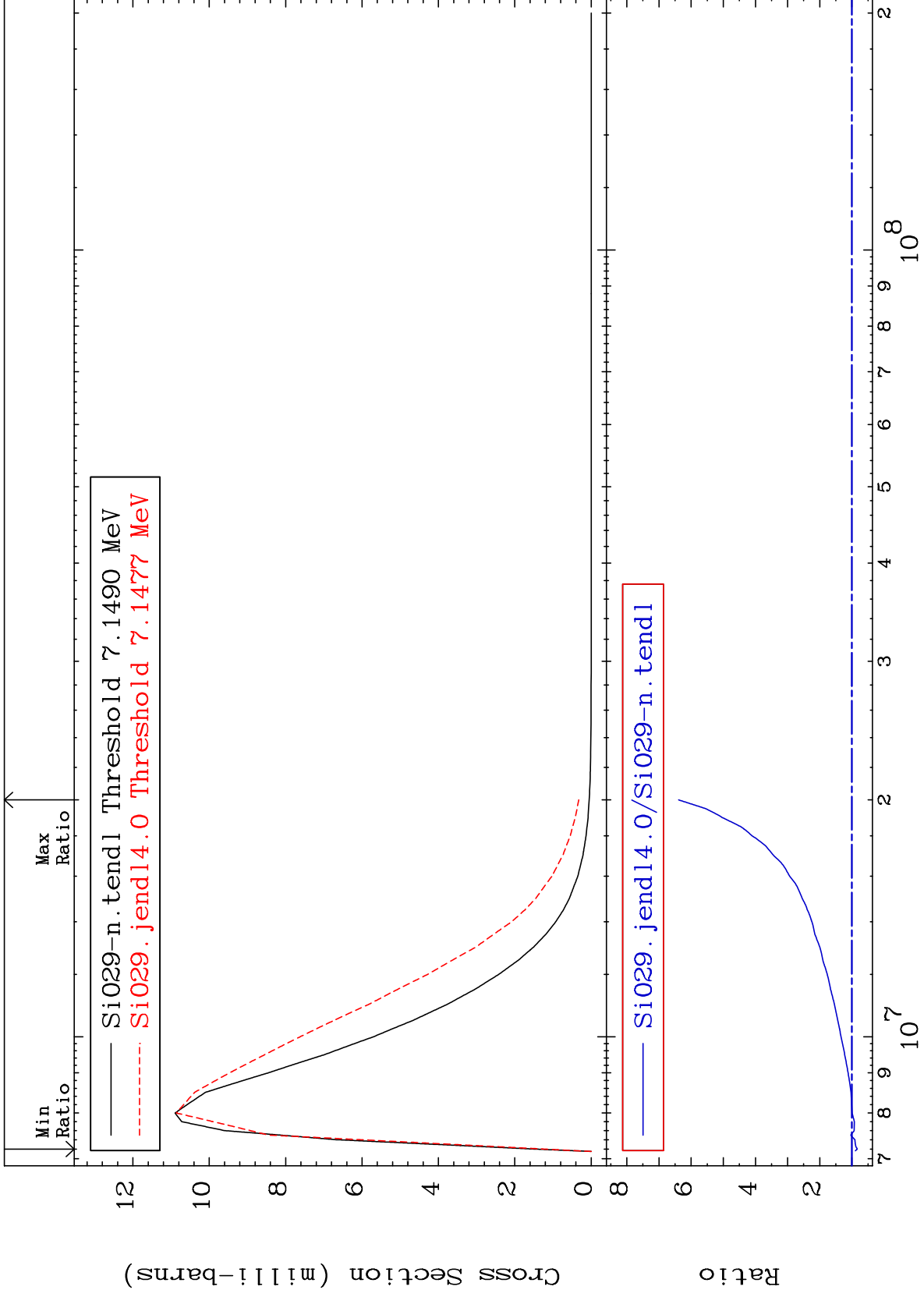
Incident Energy (eV)

14-Si-29

MAT 1428

6.909 MeV (n,n') Level
Cross Section

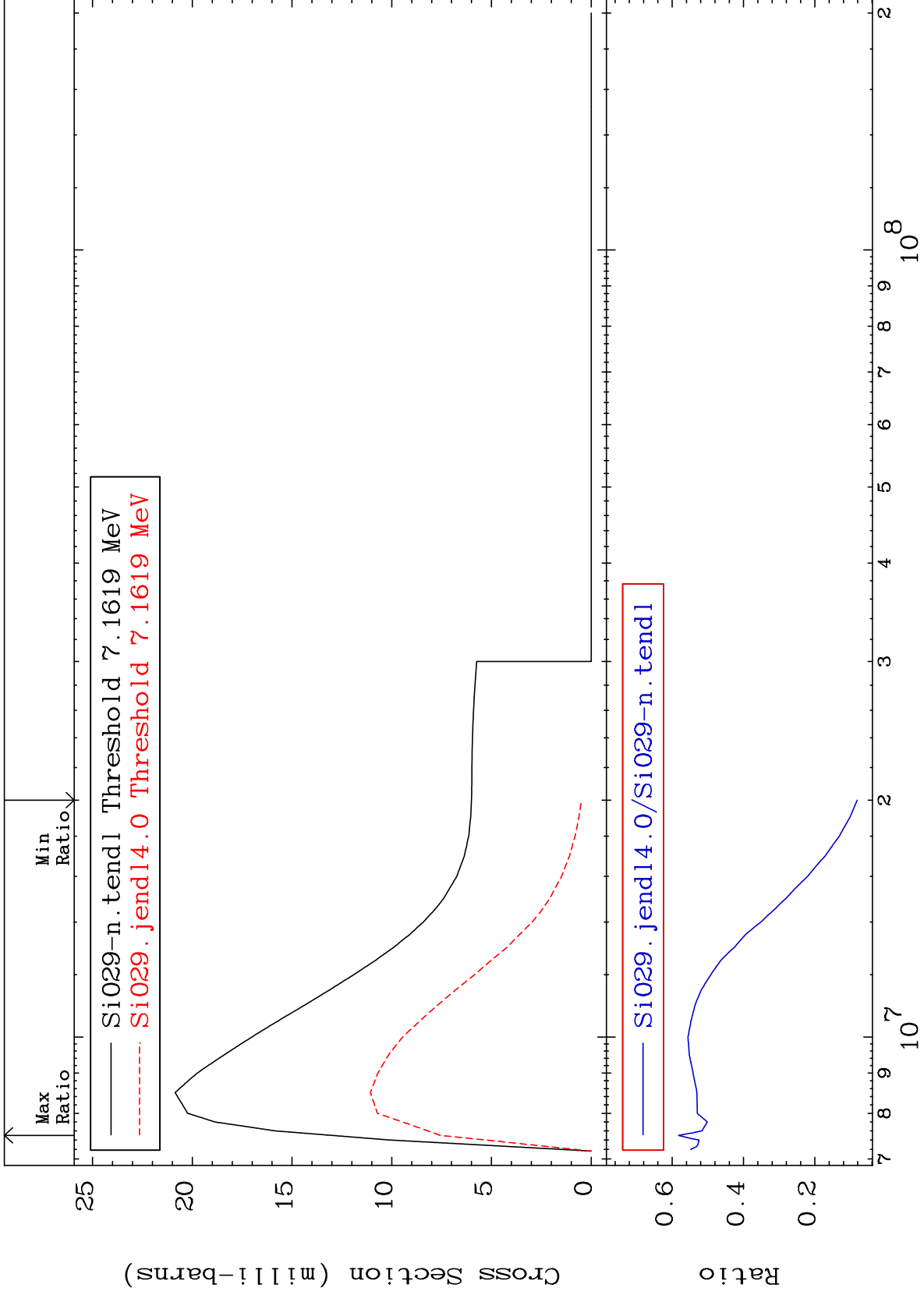
14-Si-29
-16.57 To 538.9 %



MAT 1428

6.921 MeV (n,n') Level
Cross Section

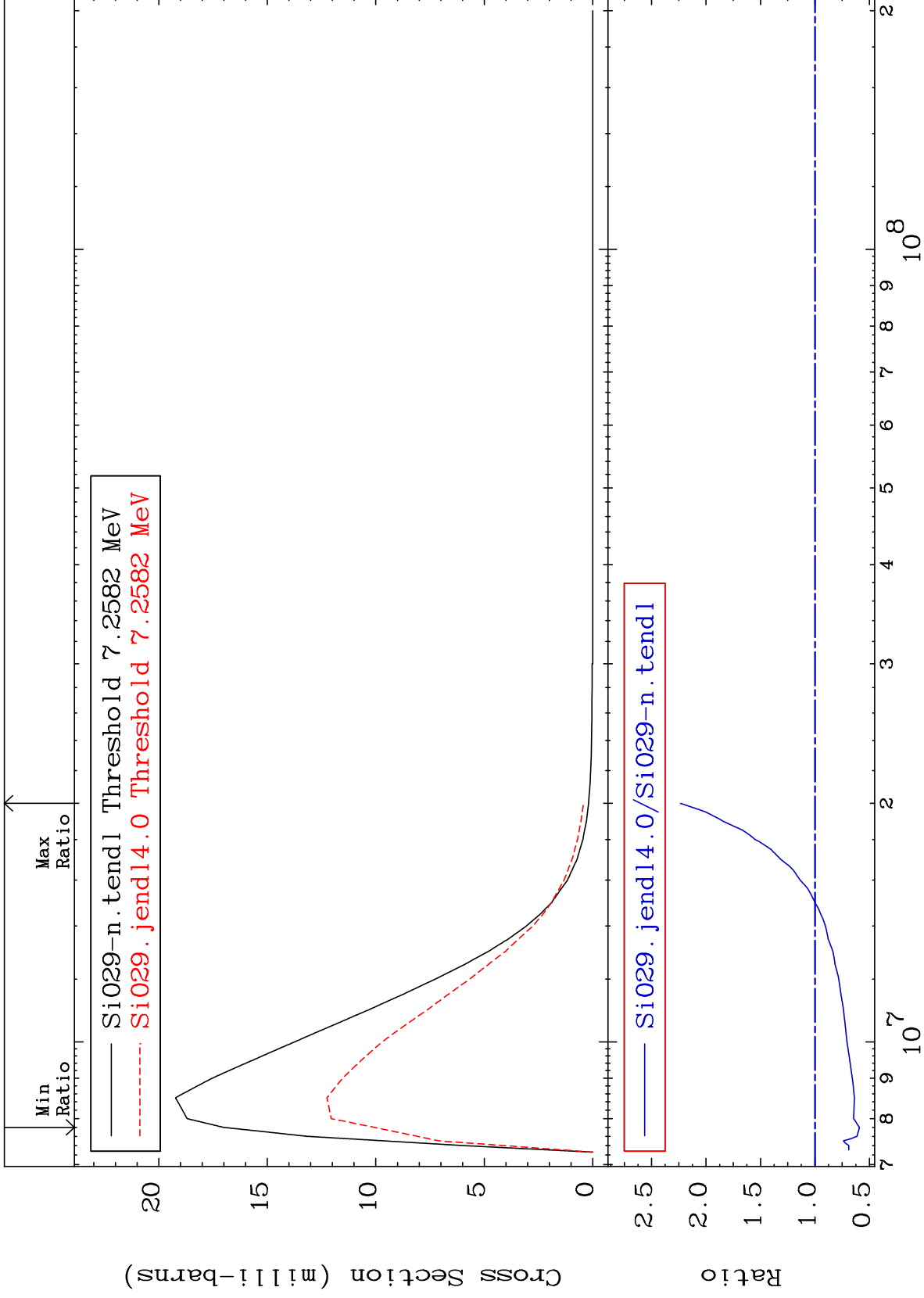
14-Si-29
-91.87 To -41.81%



MAT 1428

7.014 MeV (n,n') Level
Cross Section

14-Si-29
-40.84 To 123.6 %



35

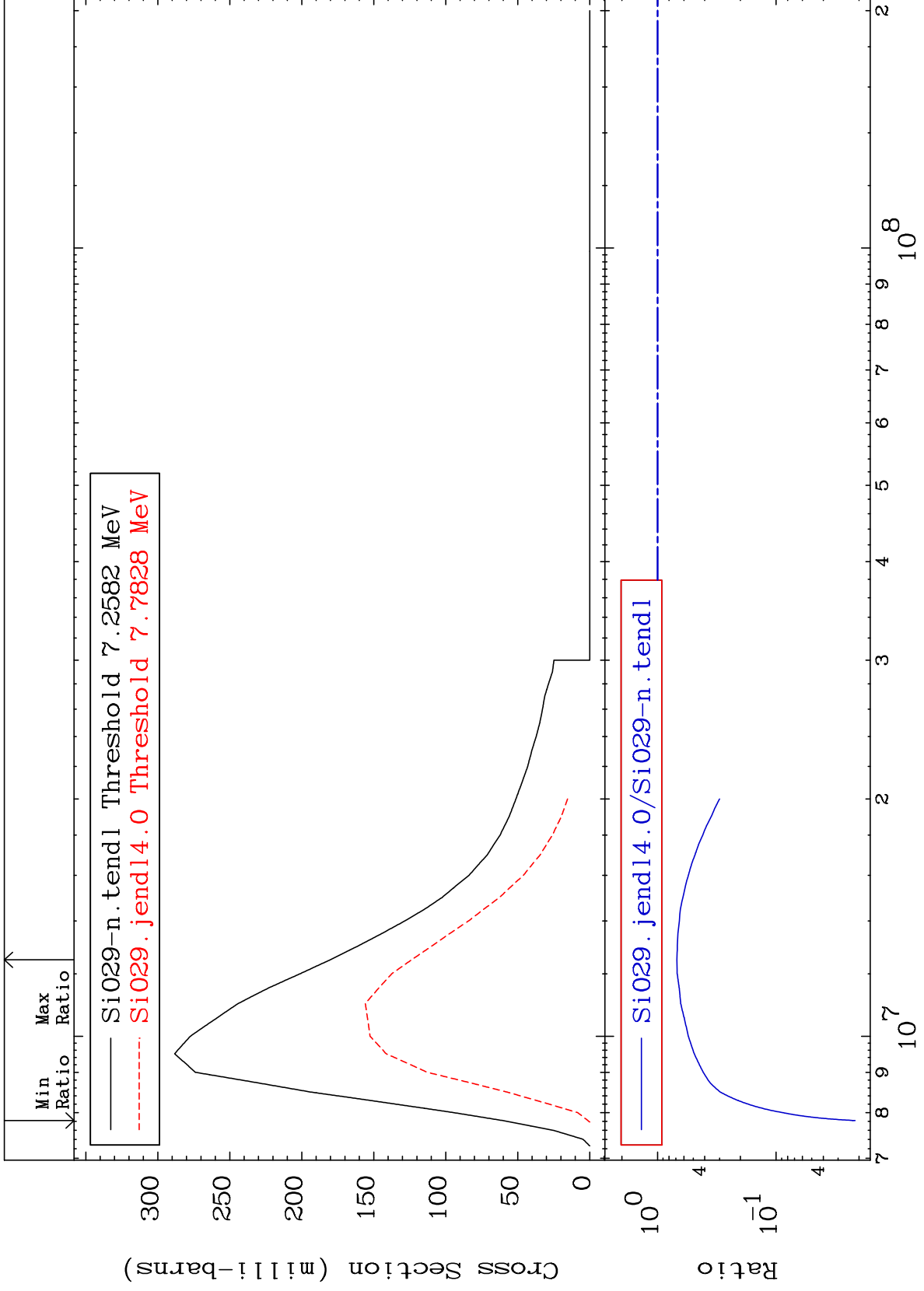
Incident Energy (eV)

14-Si-29

MAT 1428

(n, n') Continuum
Cross Section

14-Si-29
-97.84 To -31.34%



36

Incident Energy (eV)

14-Si-29

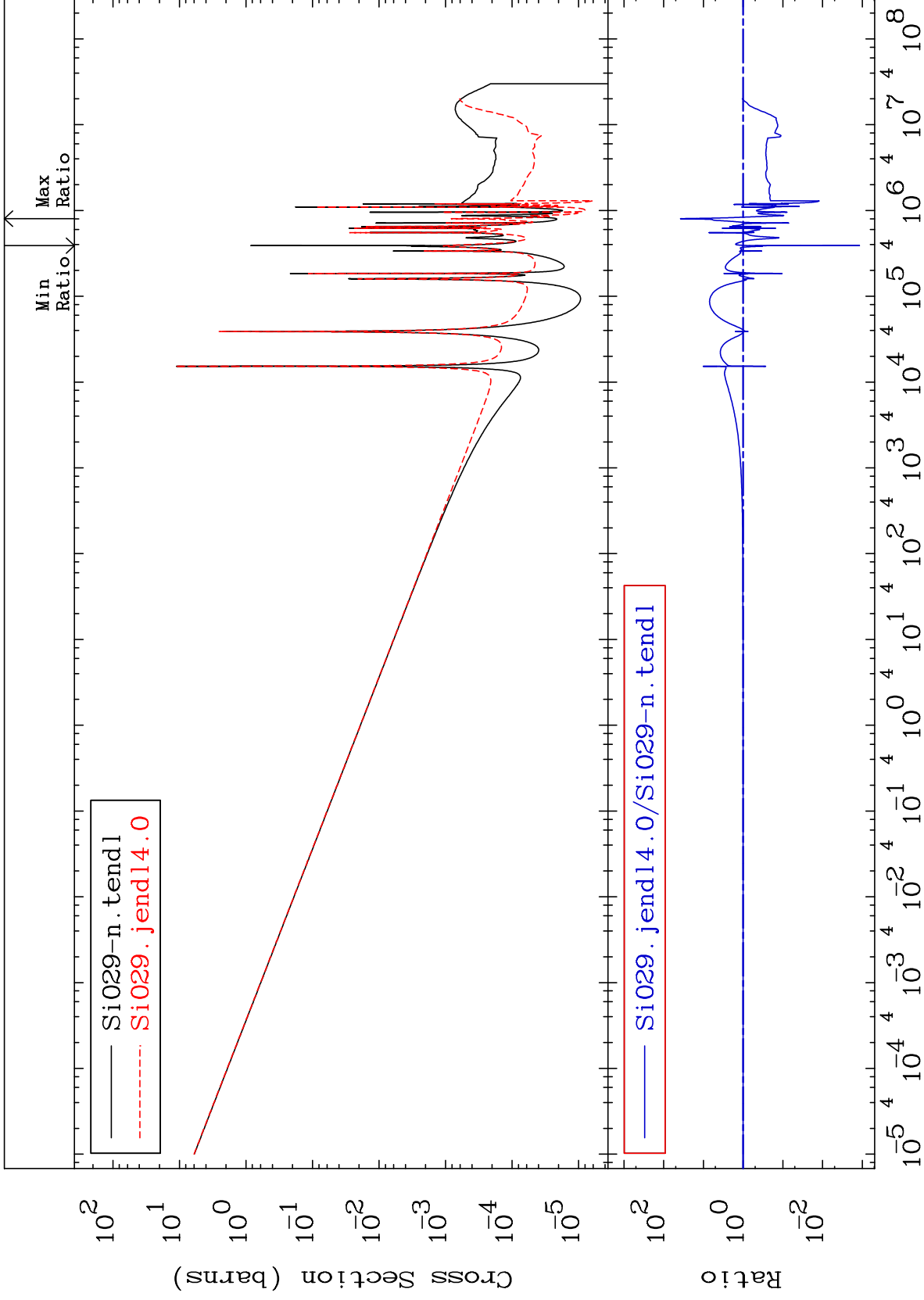
MAT 1428

(n, γ)

Cross Section

14-Si-29

-99.88 To 3713. %



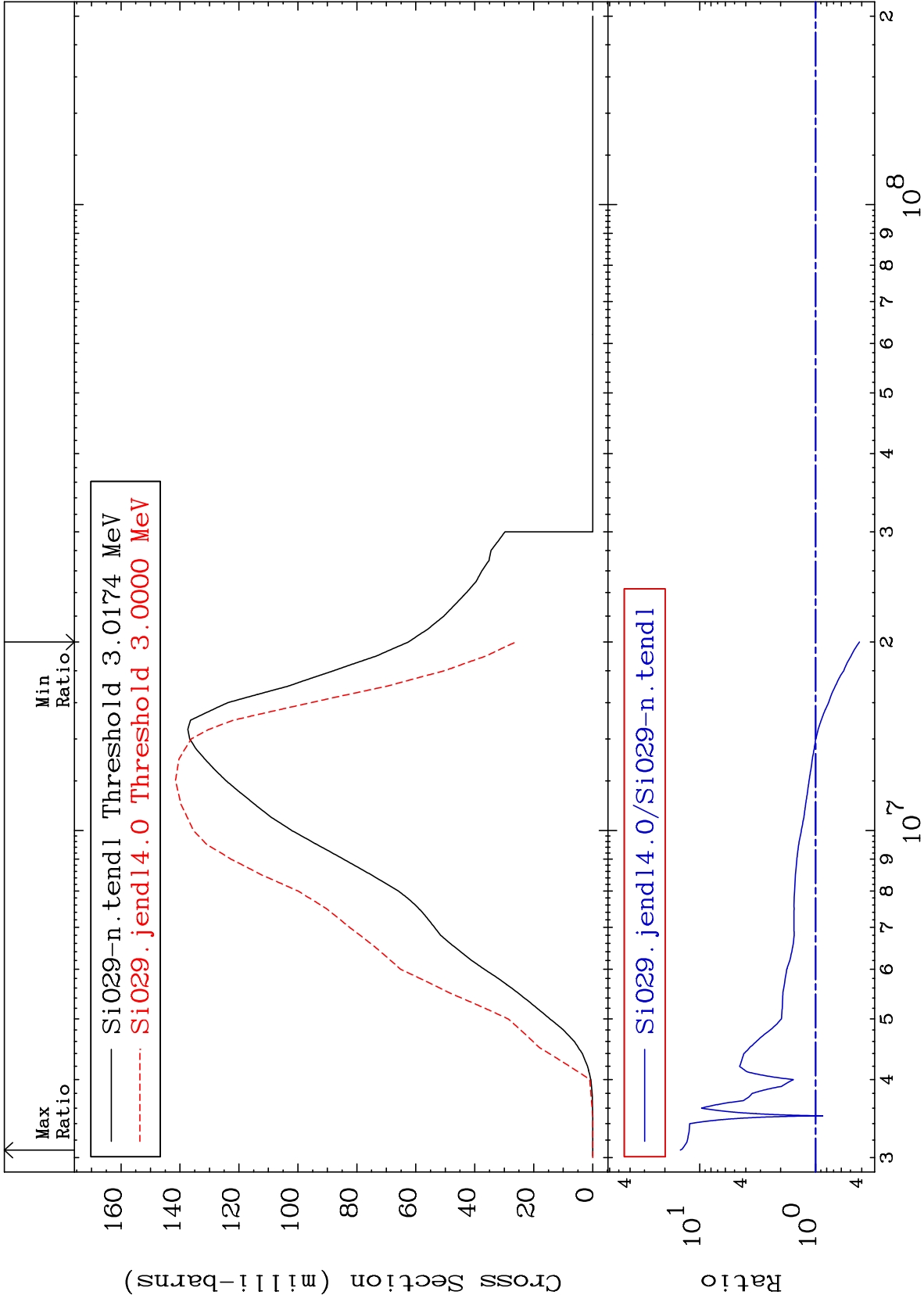
37

Incident Energy (eV)

14-Si-29

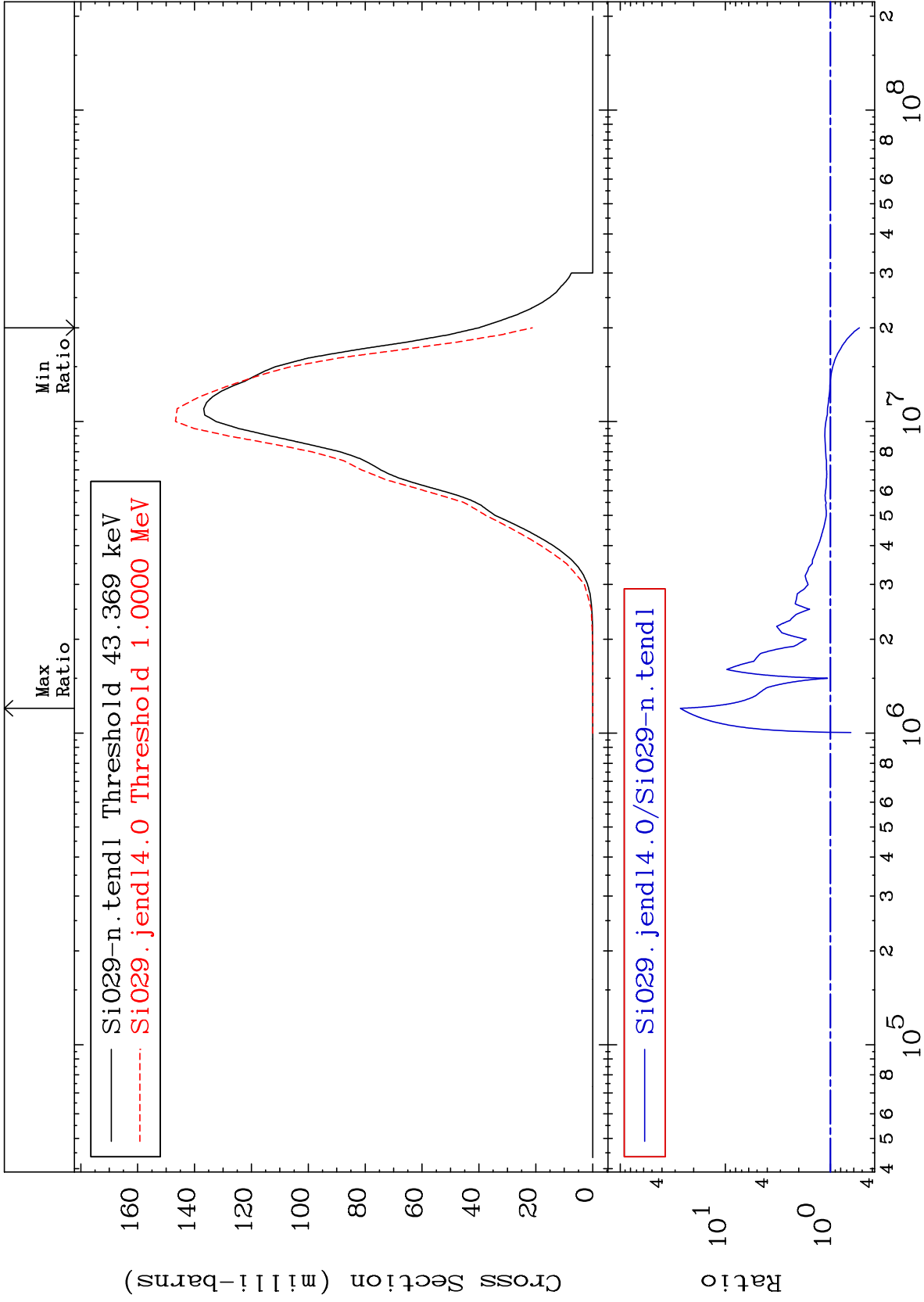
Cross Section

-58.21 To 1371. %



Cross Section

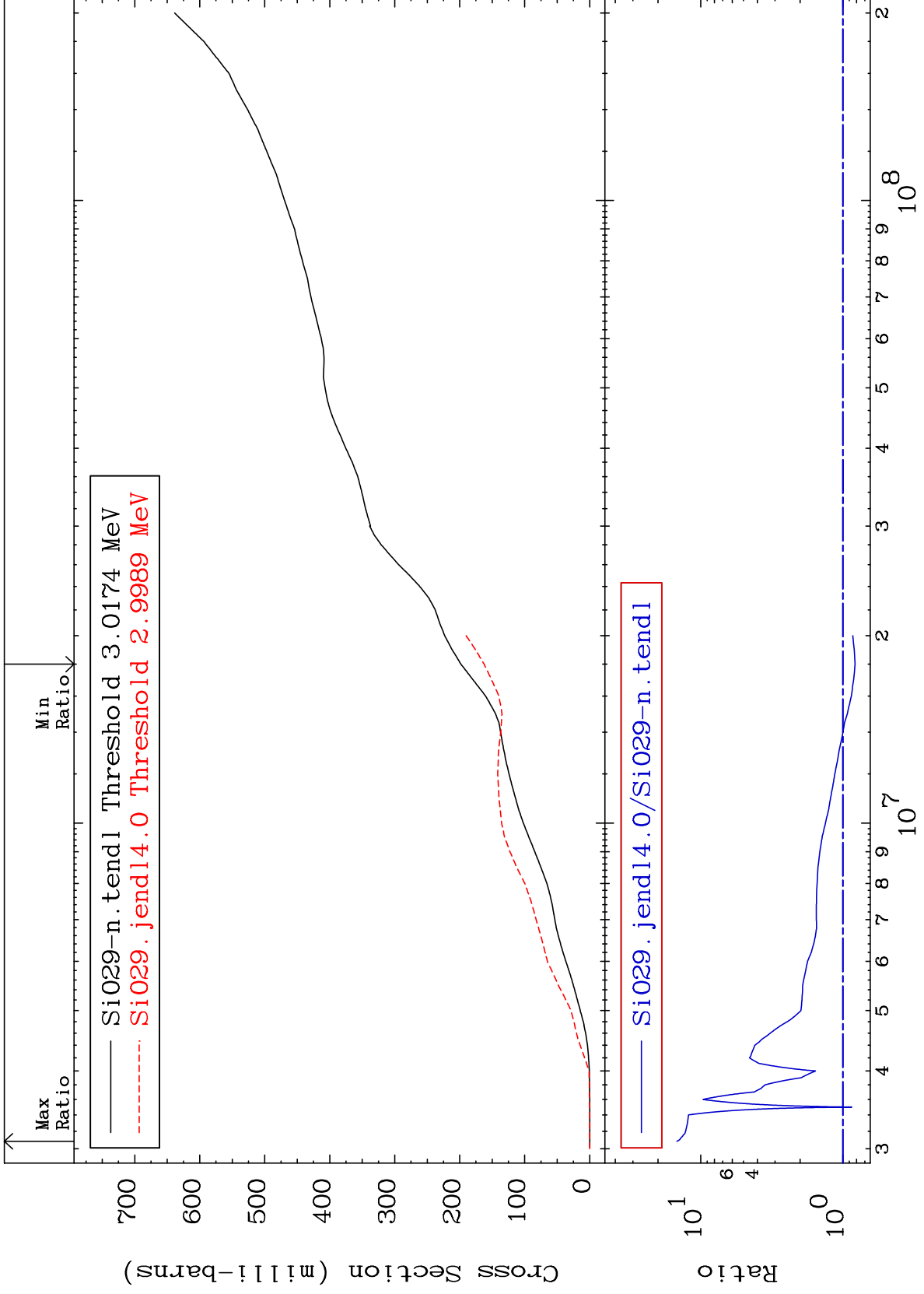
-46.96 To 2579. %



MAT 1428

Hydrogen Production
Cross Section

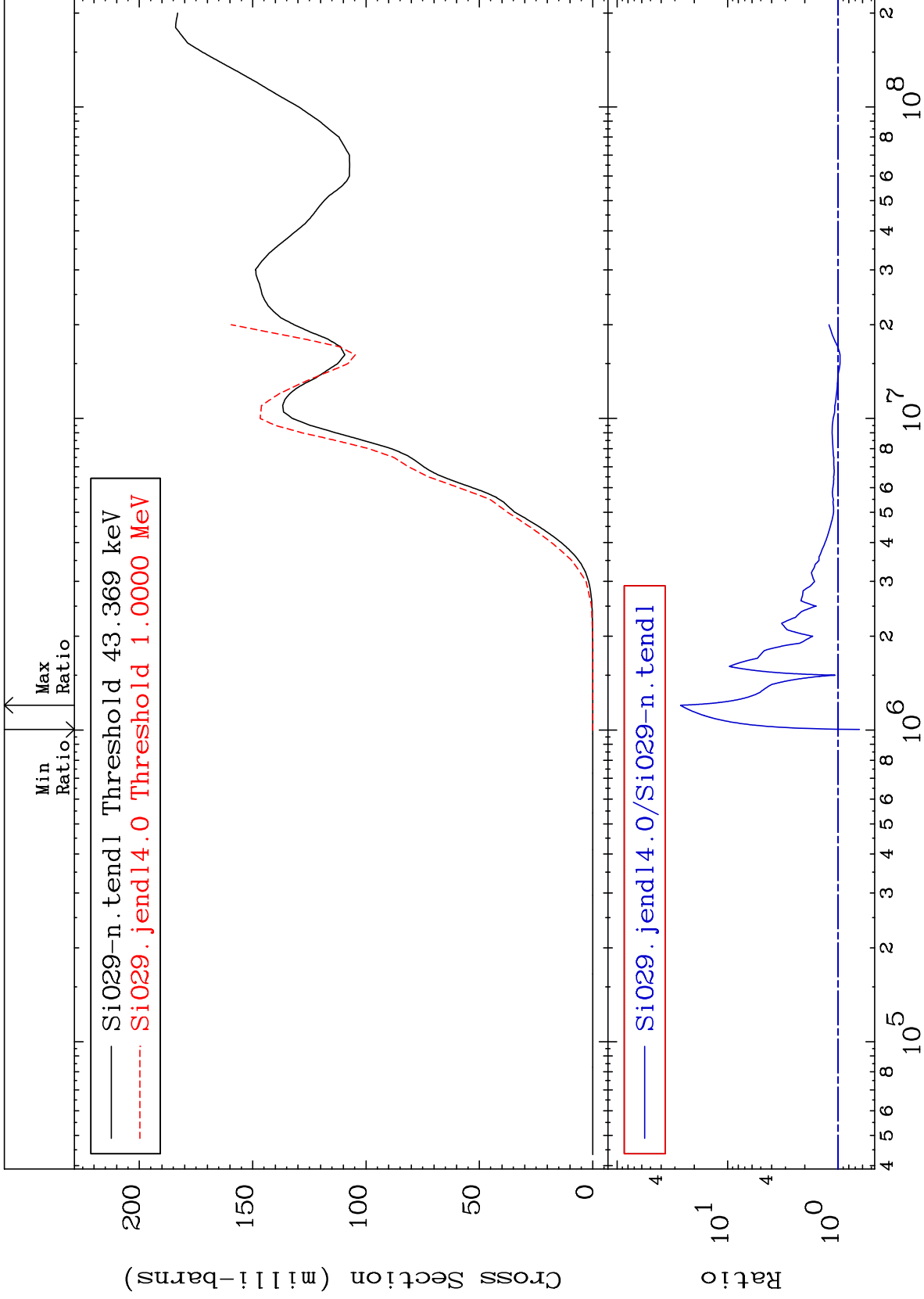
14-Si-29
-17.98 To 1371. %

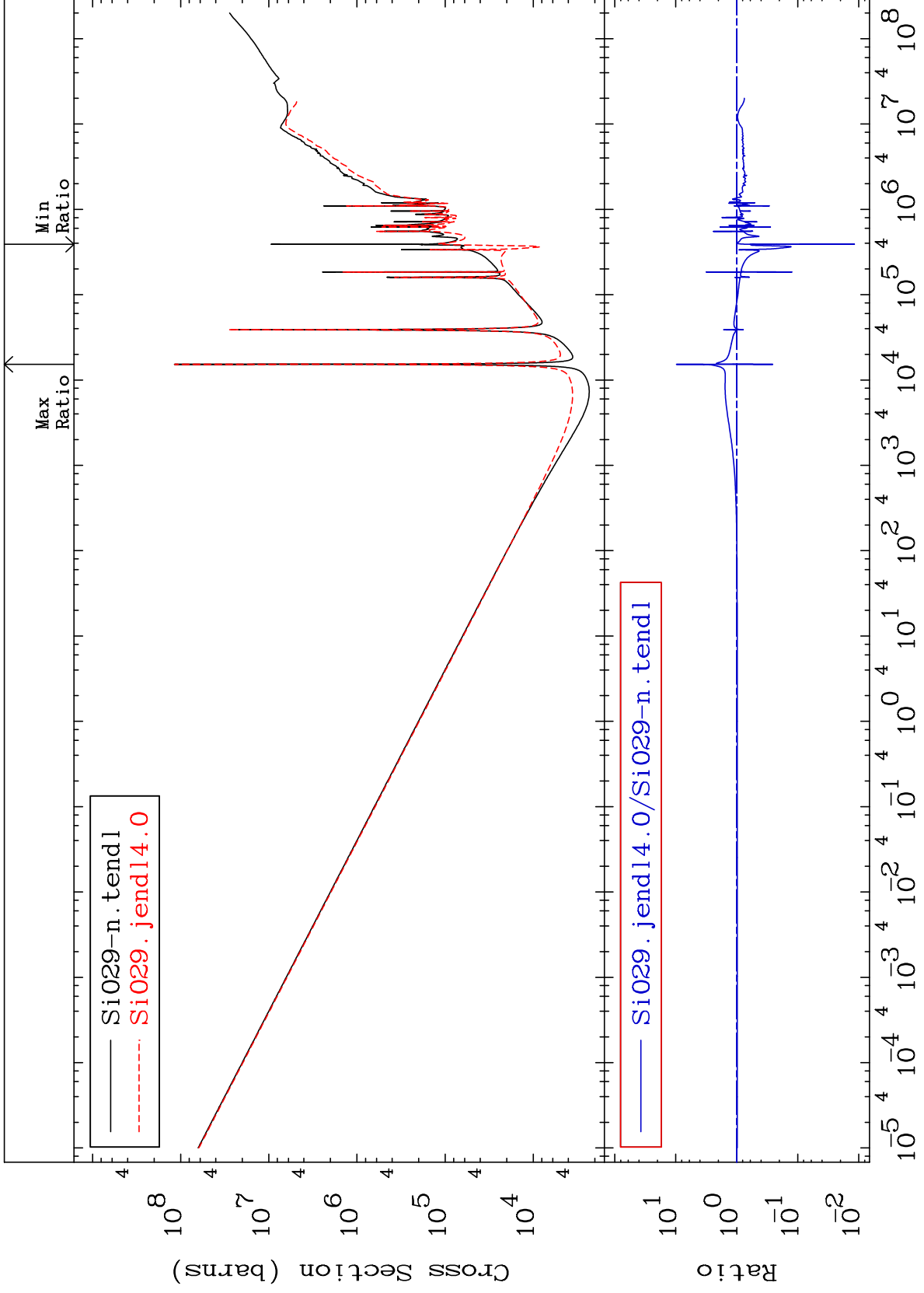


40

Incident Energy (eV)

14-Si-29

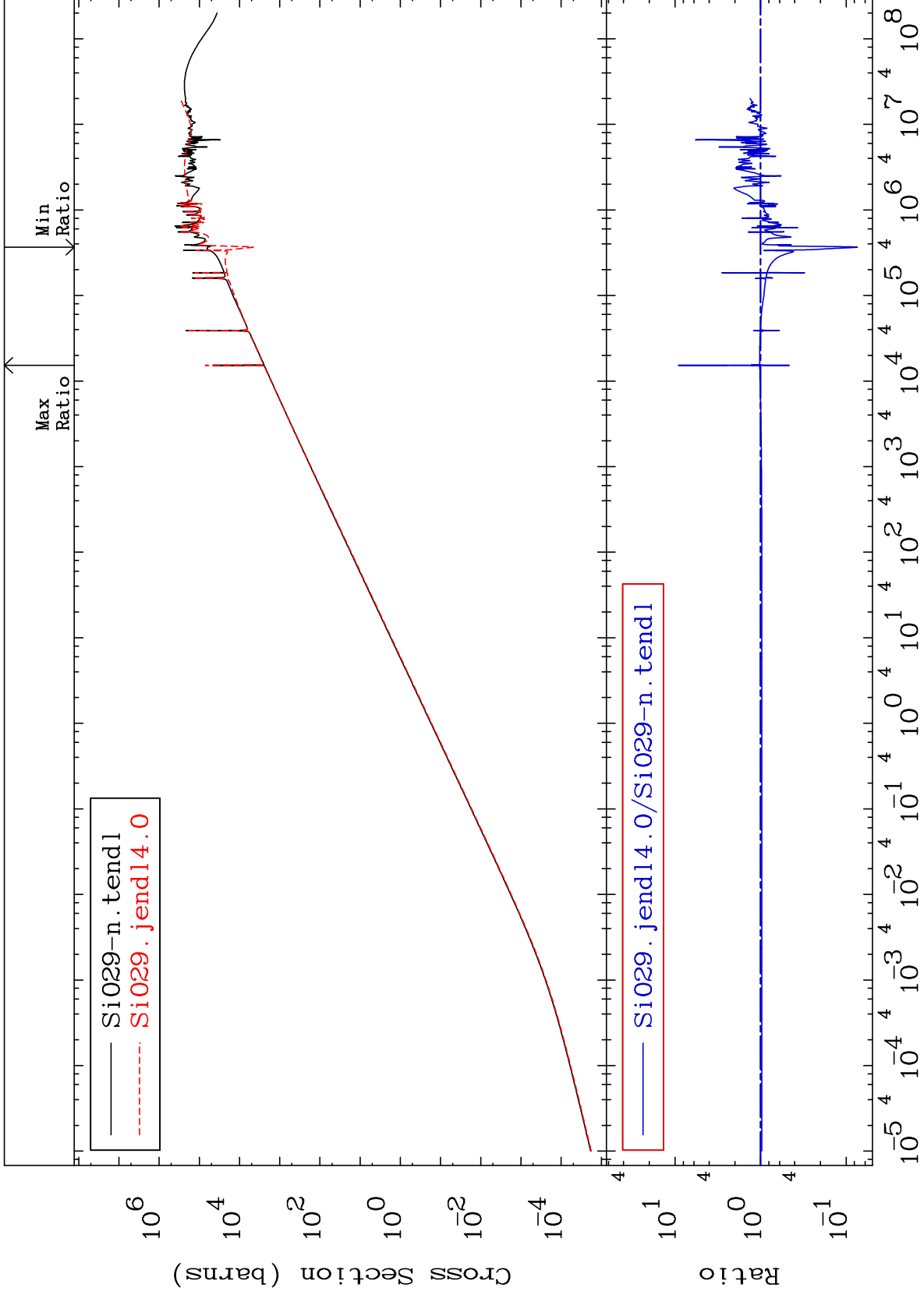


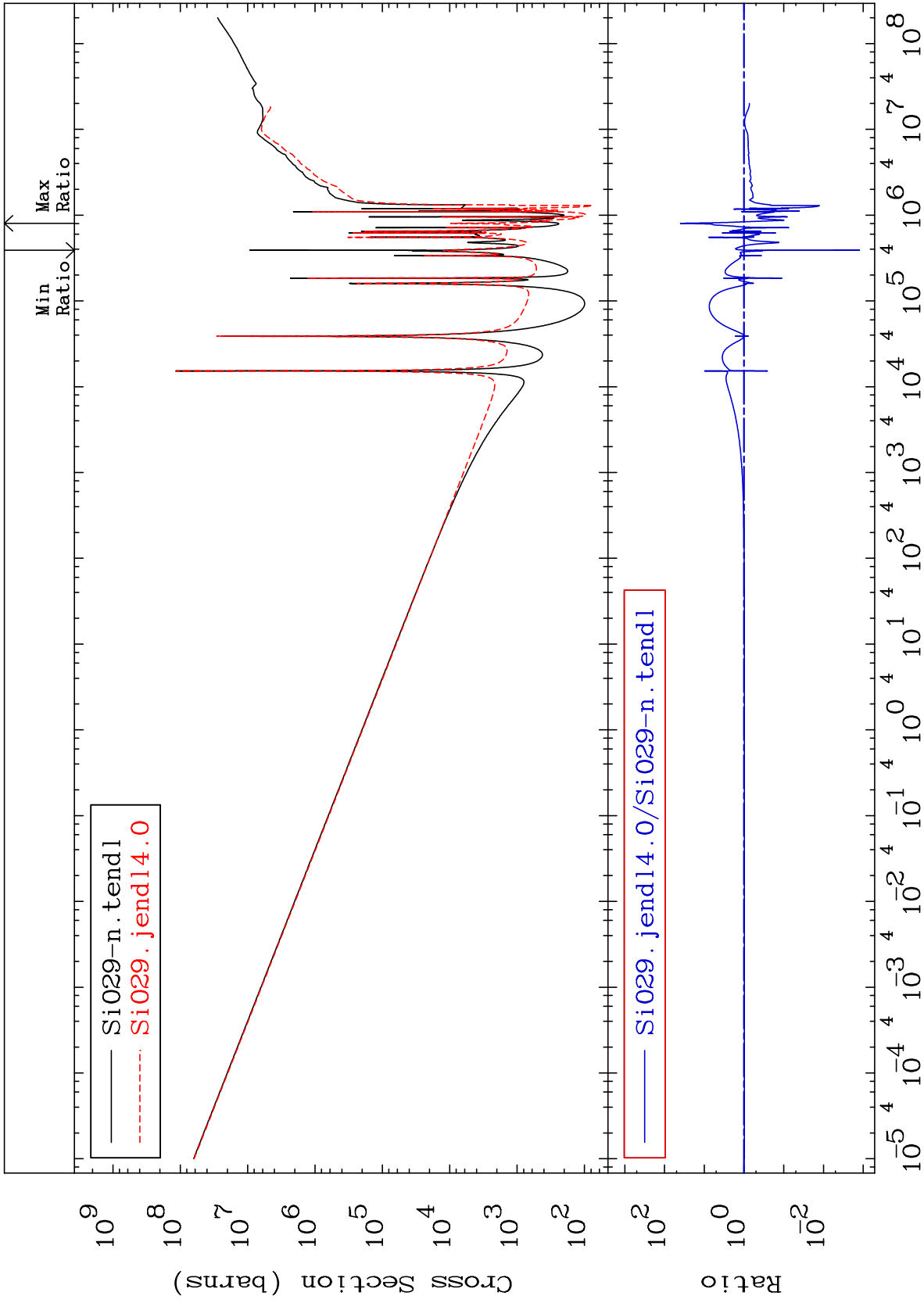


MAT 1428

Kerma elastic
Cross Section

14-Si-29
-92.59 To 808.6 %

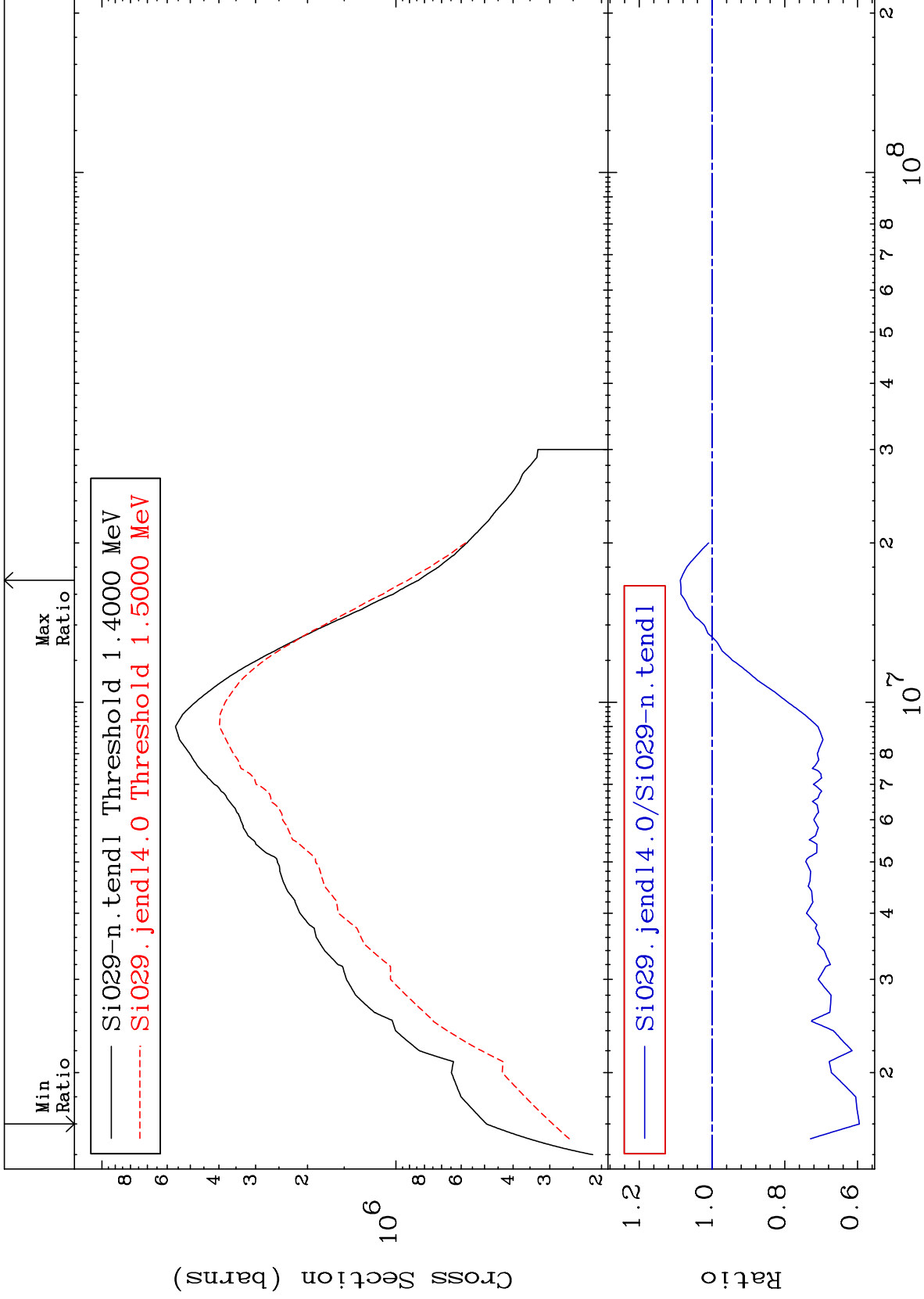




MAT 1428

Kerma inelastic (mt51-91)
Cross Section

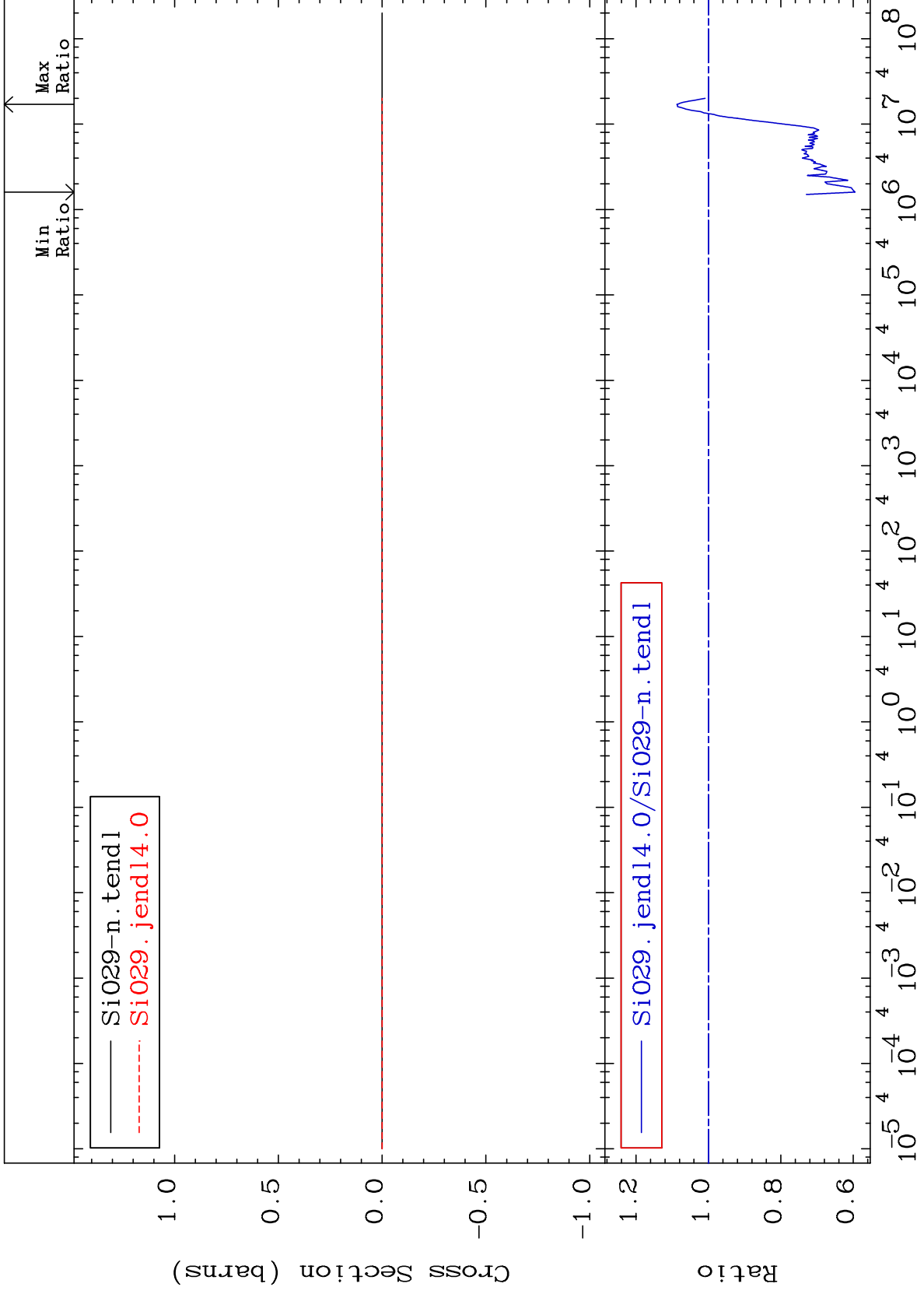
14-Si-29
-40.50 To 8.705 %



MAT 1428

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

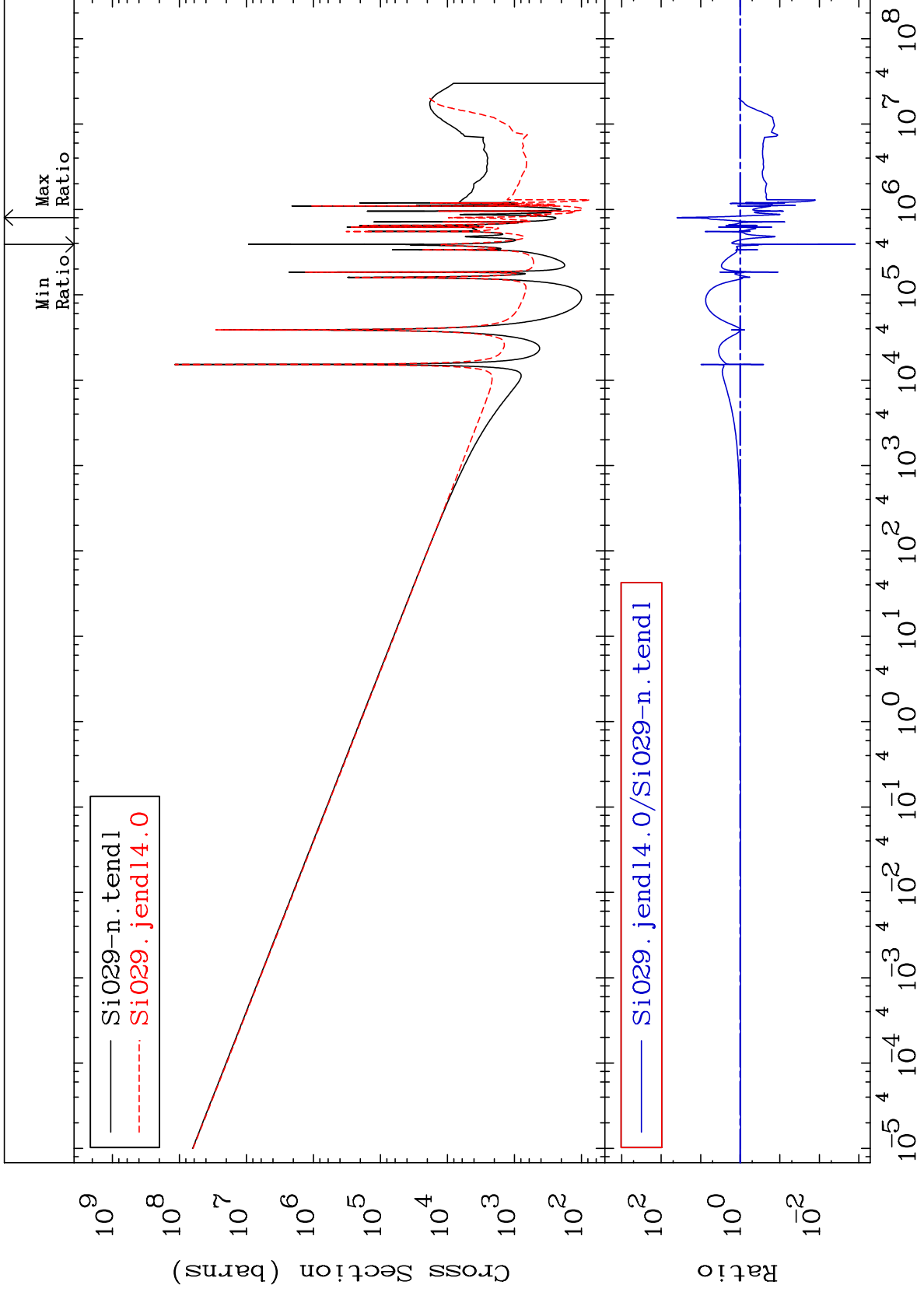
14-Si-29
-40.50 To 8.705 %



MAT 1428

Kerma capture (mt102)
Cross Section

14-Si-29
-99.88 To 3891. %



47

Incident Energy (eV)

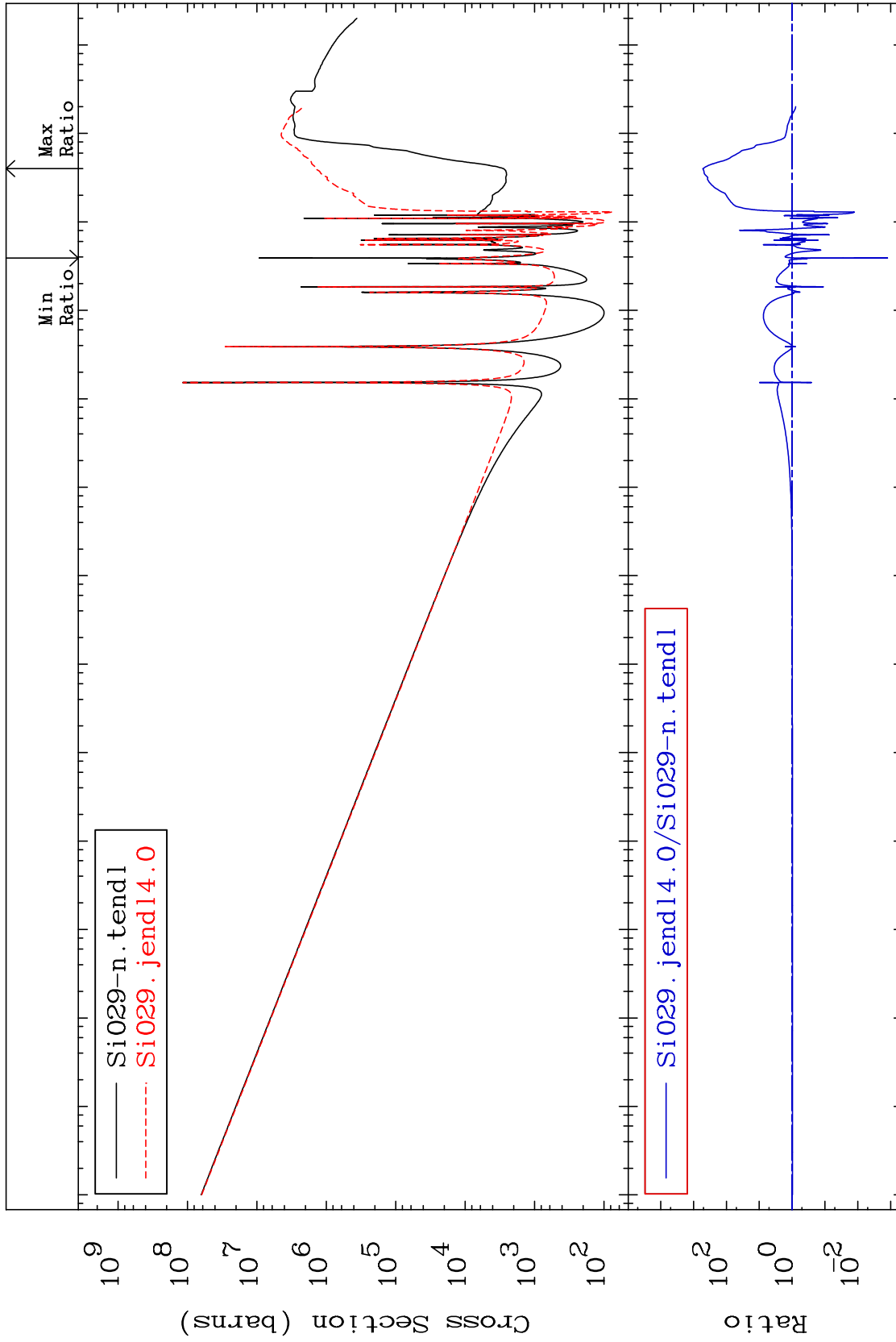
14-Si-29

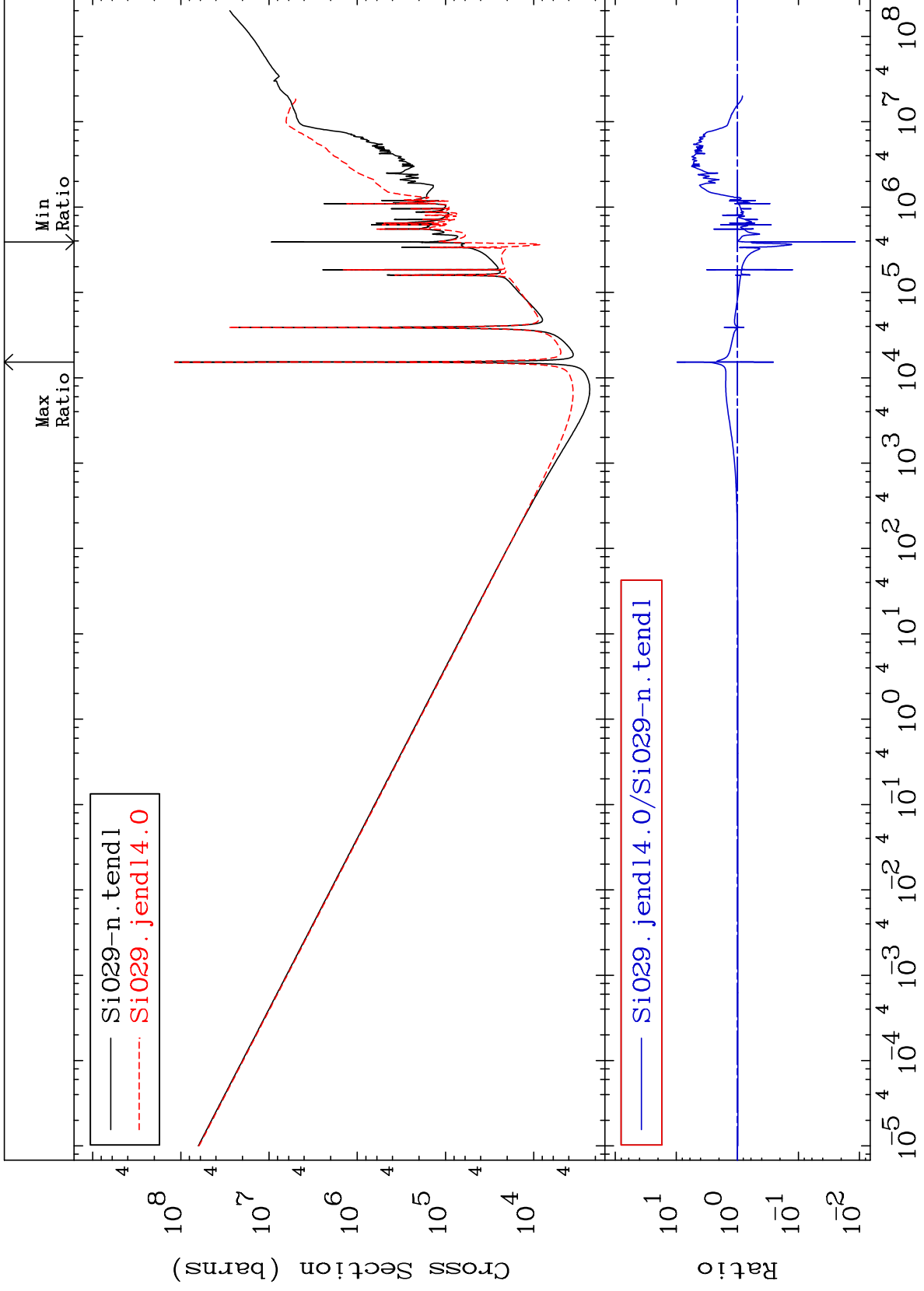
MAT 1428

Total photon (eV-barns)
Cross Section

14-Si-29

-99.88 To 9999. %

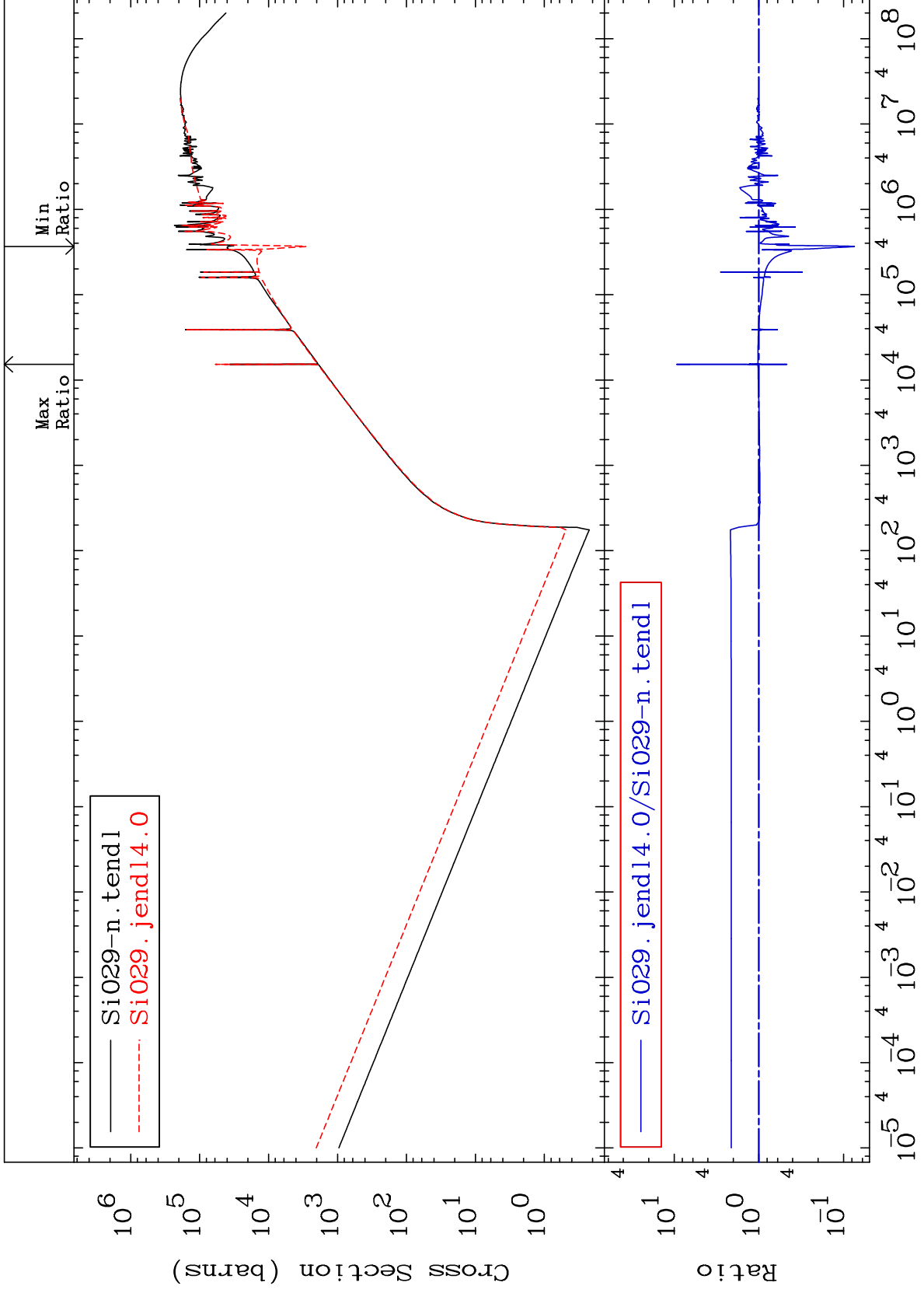




MAT 1428

Dpa total (eV-barns)
Cross Section

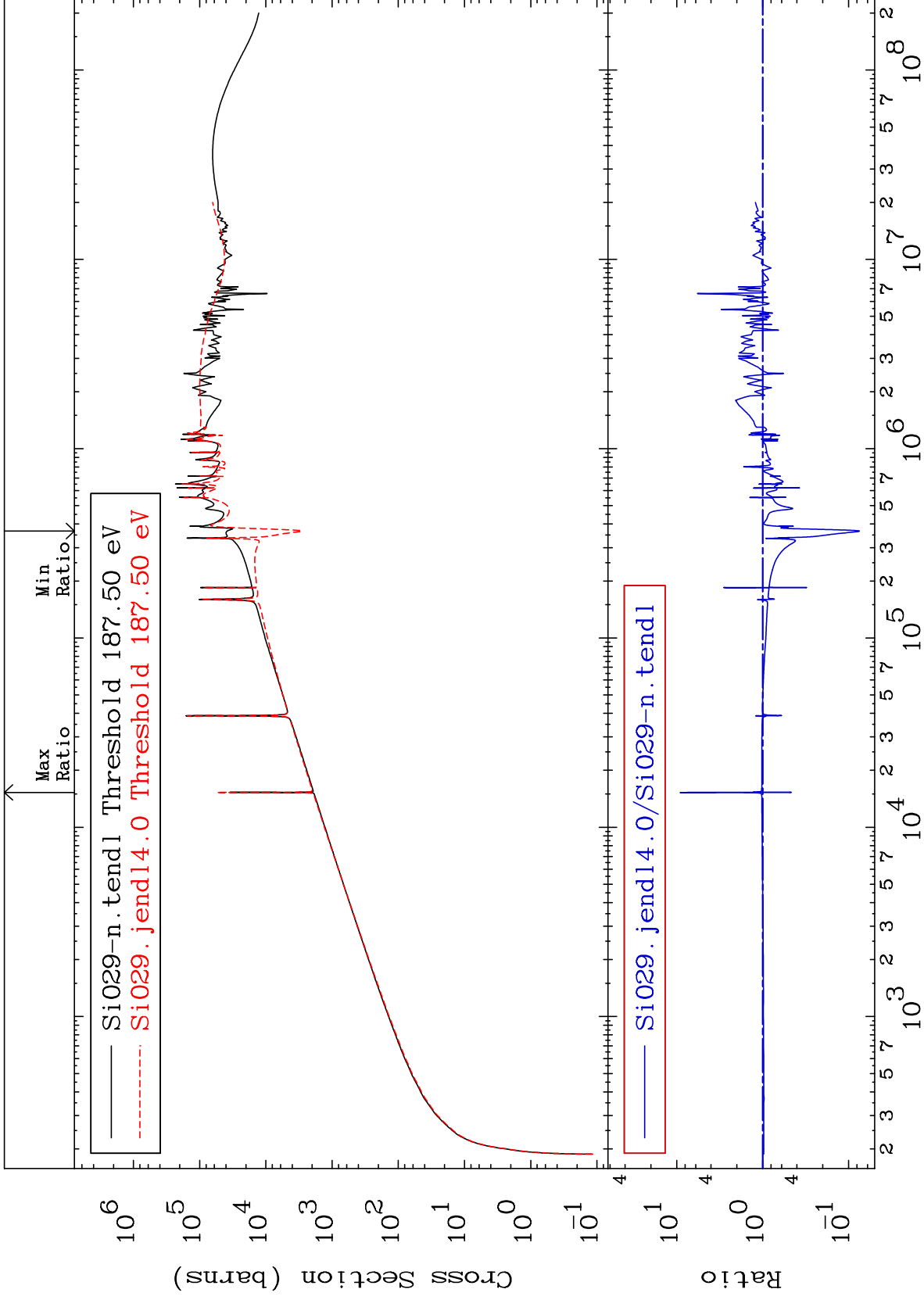
14-Si-29
-92.54 To 842.6 %



50

Incident Energy (eV)

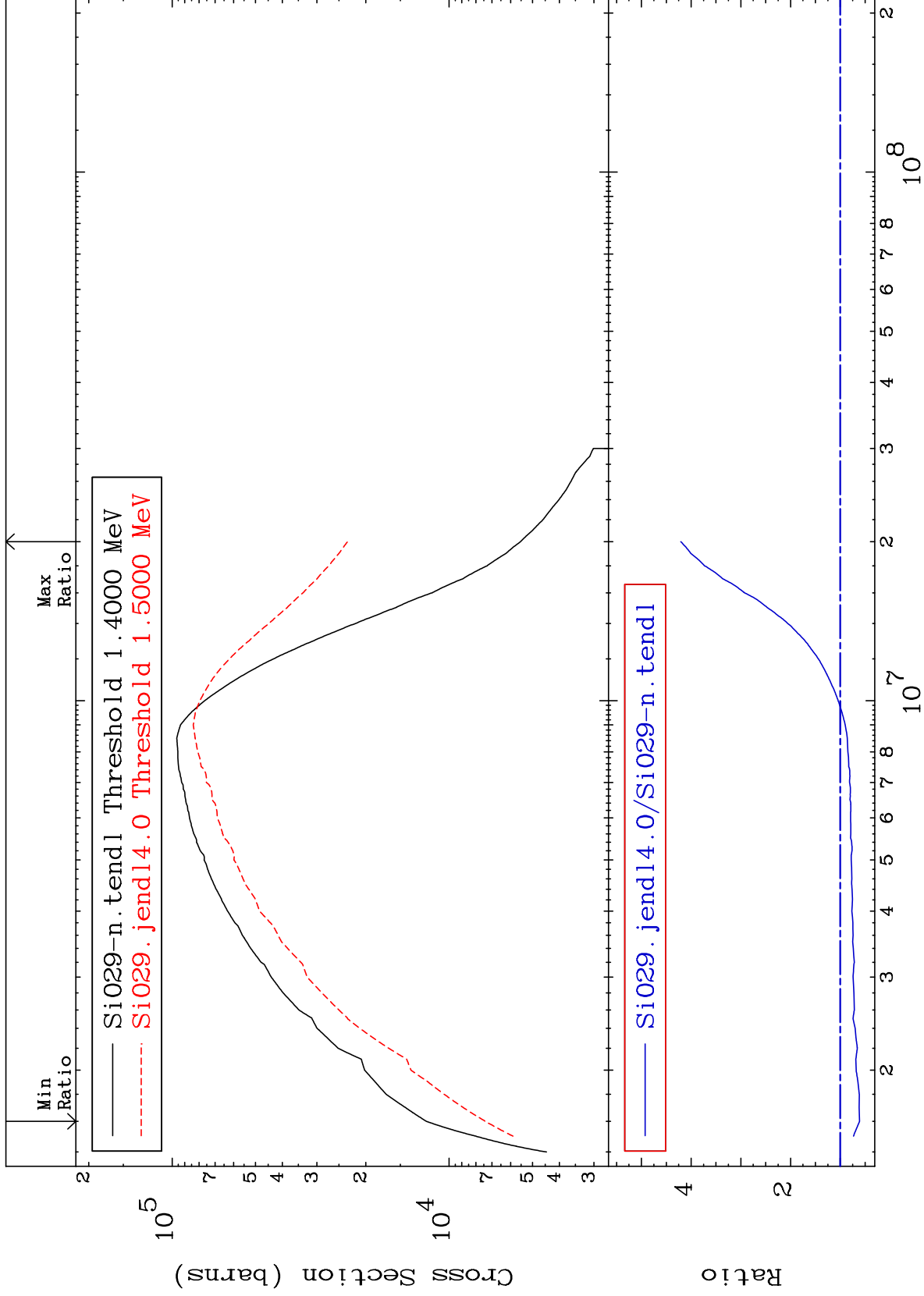
14-Si-29



MAT 1428

Dpa inelastic (mt51-91)
Cross Section

14-Si-29
-38.81 To 320.8 %



MAT 1428

Dpa disappearance (mt102 -120)
Cross Section

14-Si-29
-99.71 To 9372. %

