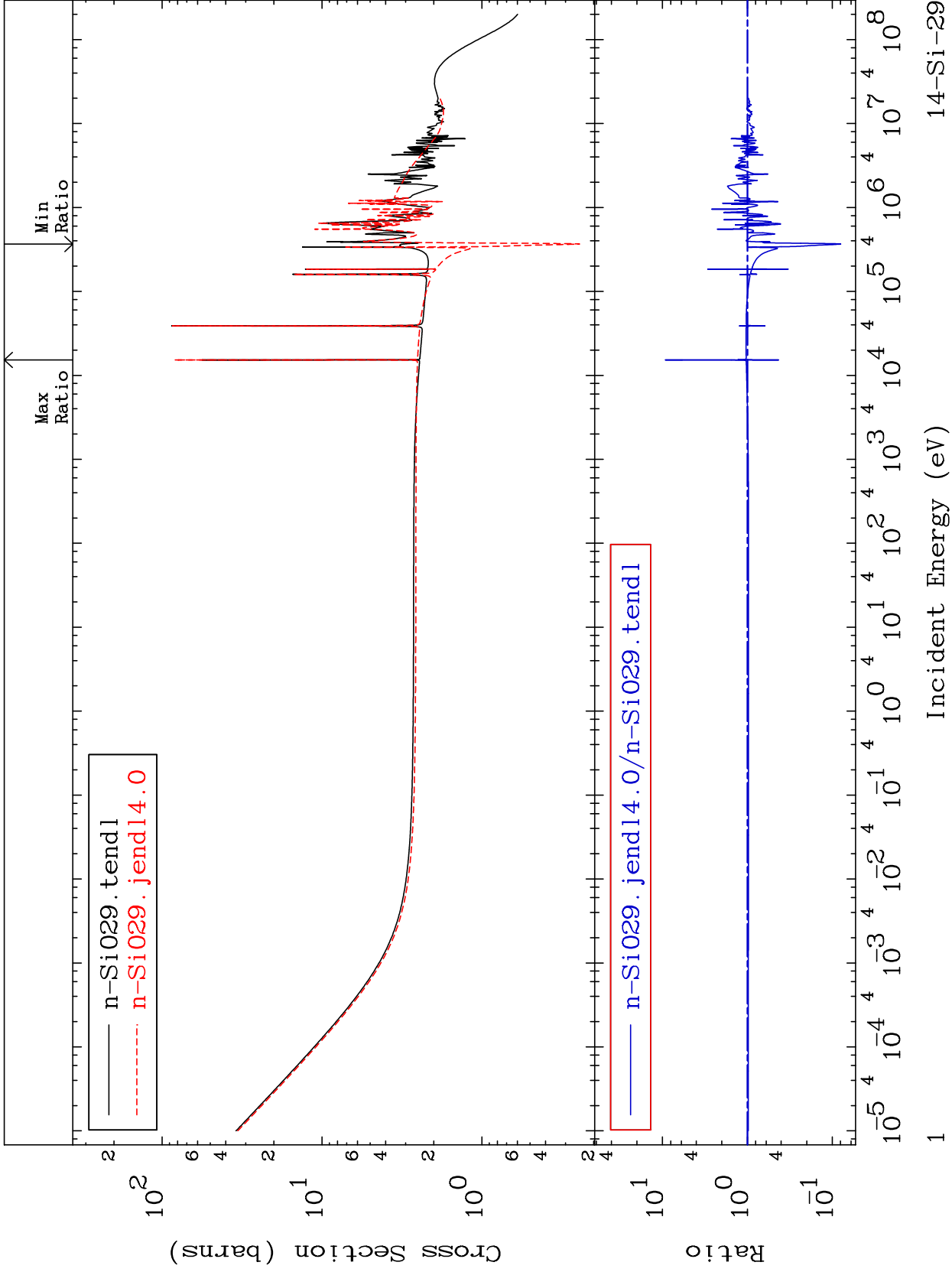


MAT 1428

Total
Cross Section

14-Si-29
-92.03 To 821.3 %



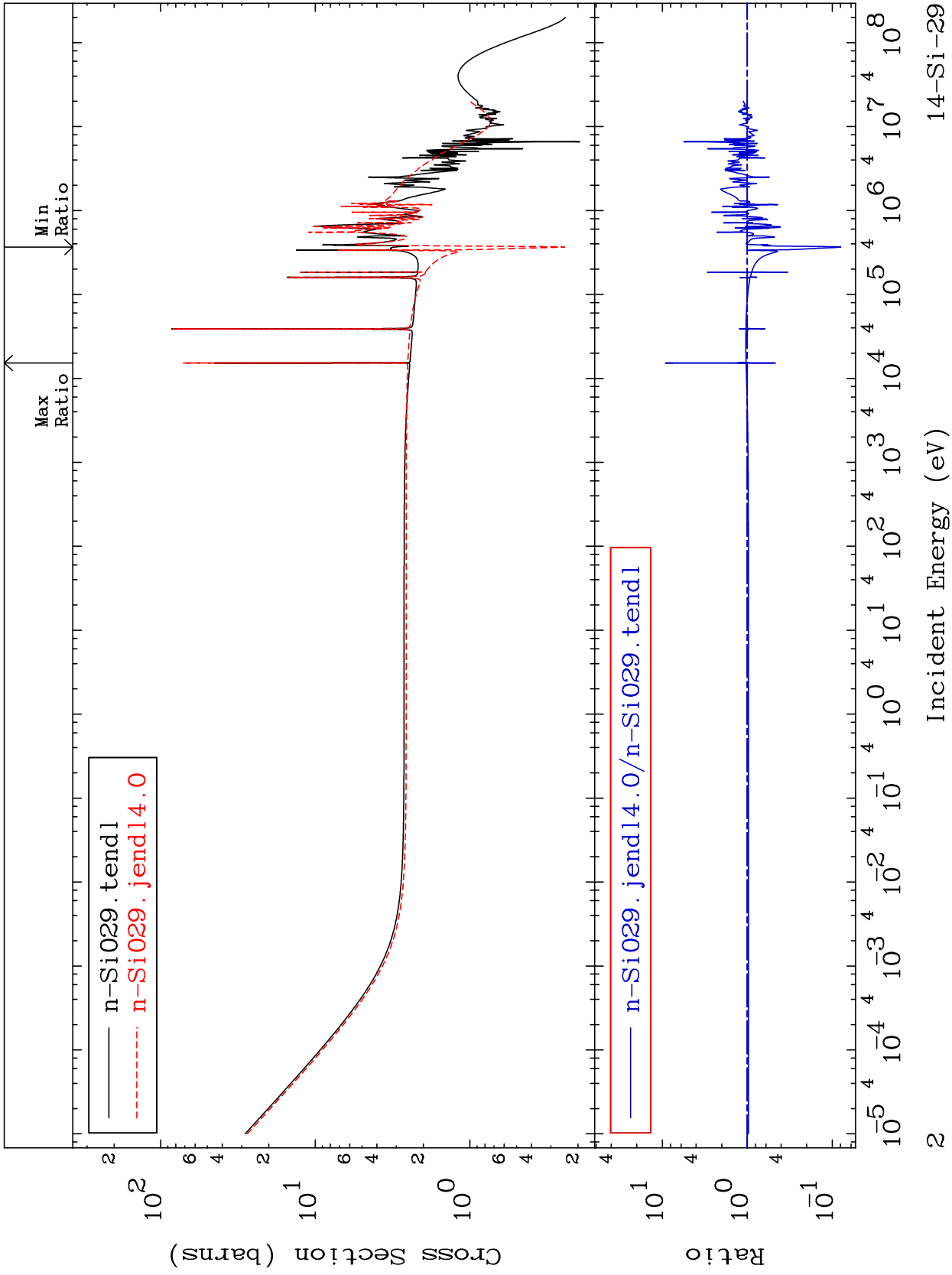
Incident Energy (eV)

14-Si-29

MAT 1428

Elastic
Cross Section

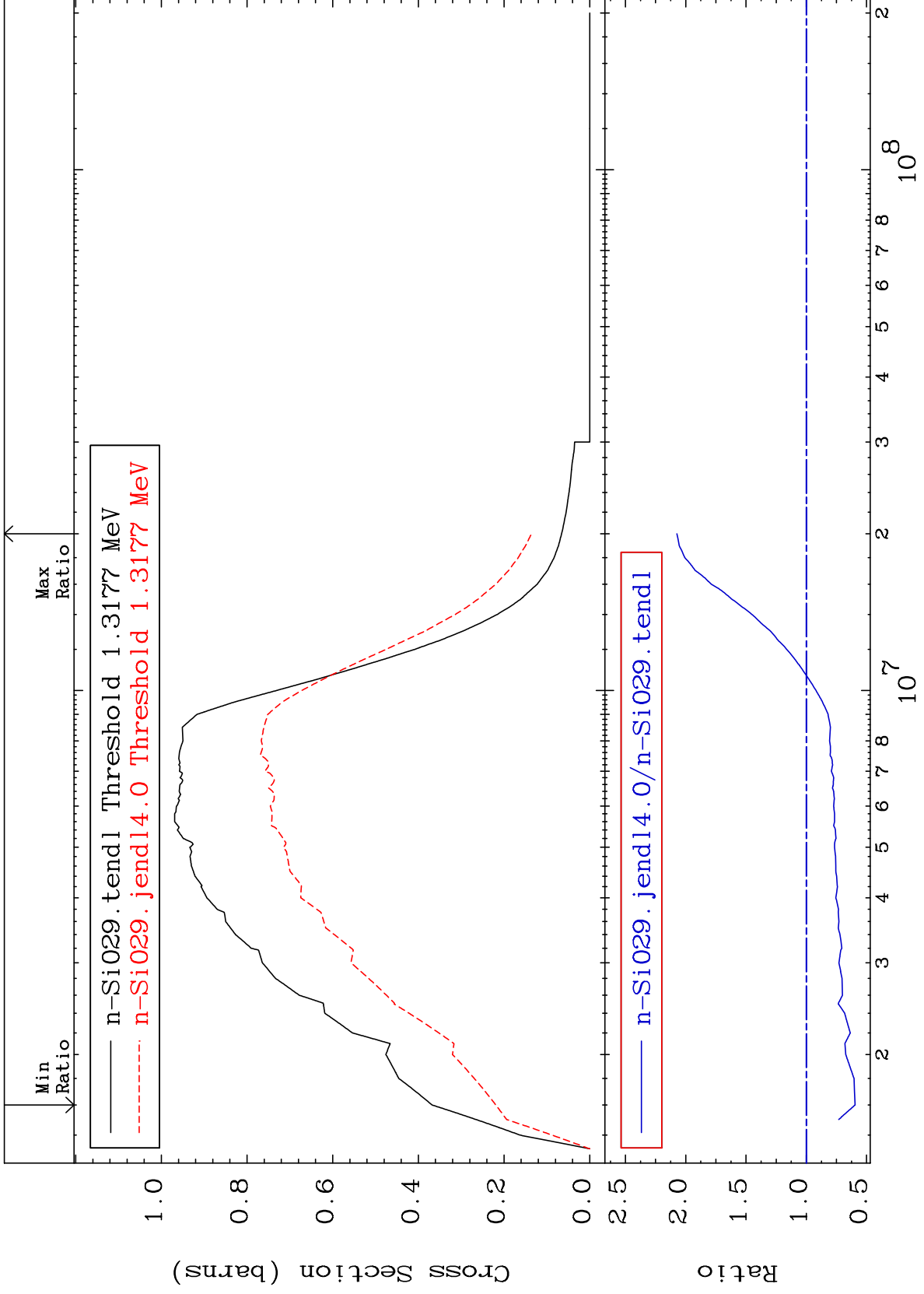
14-Si-29
-92.05 To 816.8 %



MAT 1428

Inelastic
Cross Section

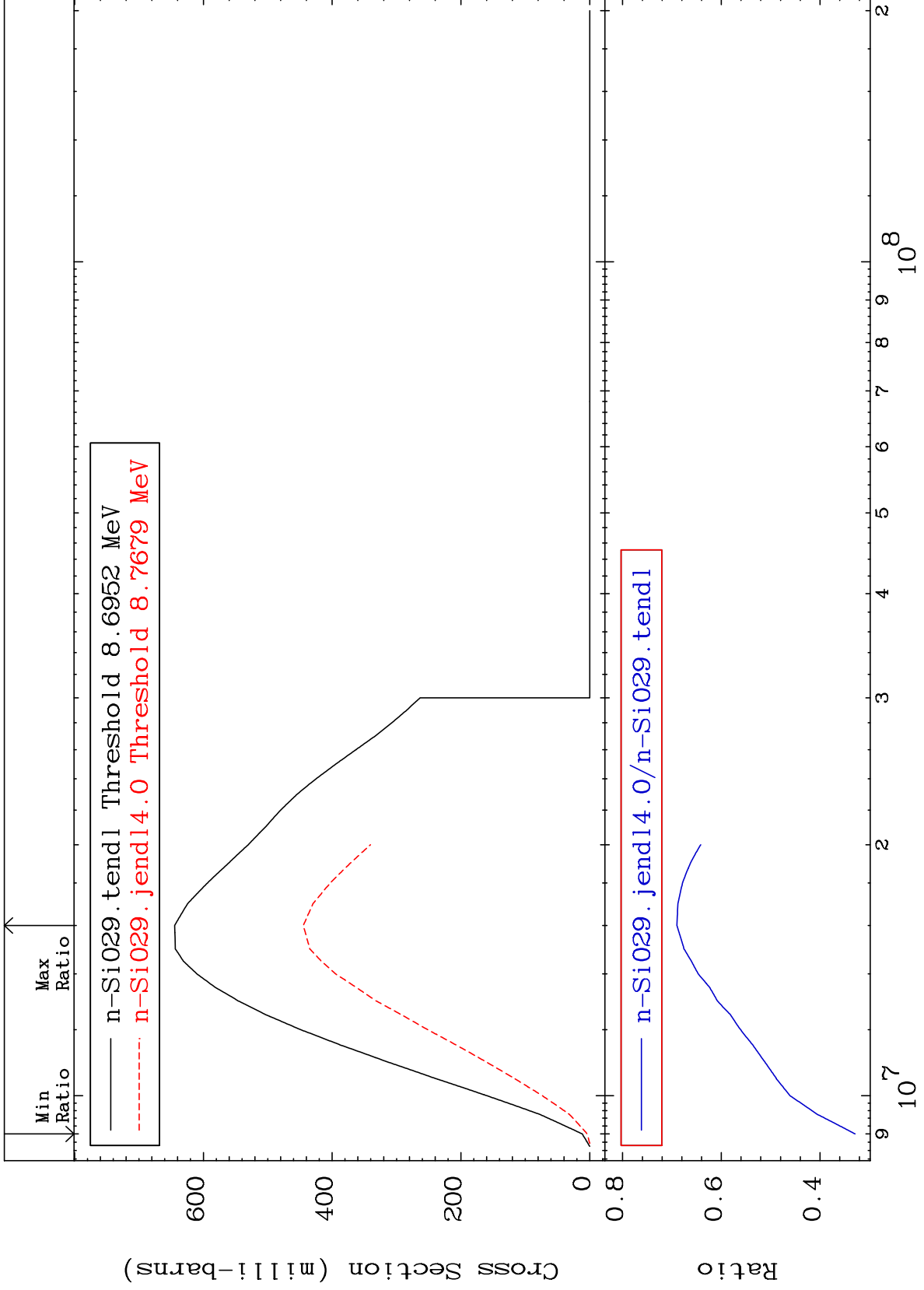
14-Si-29
-40.46 To 107.3 %



MAT 1428

(n,2n)
Cross Section

14-Si-29
-67.11 To -31.01%



4

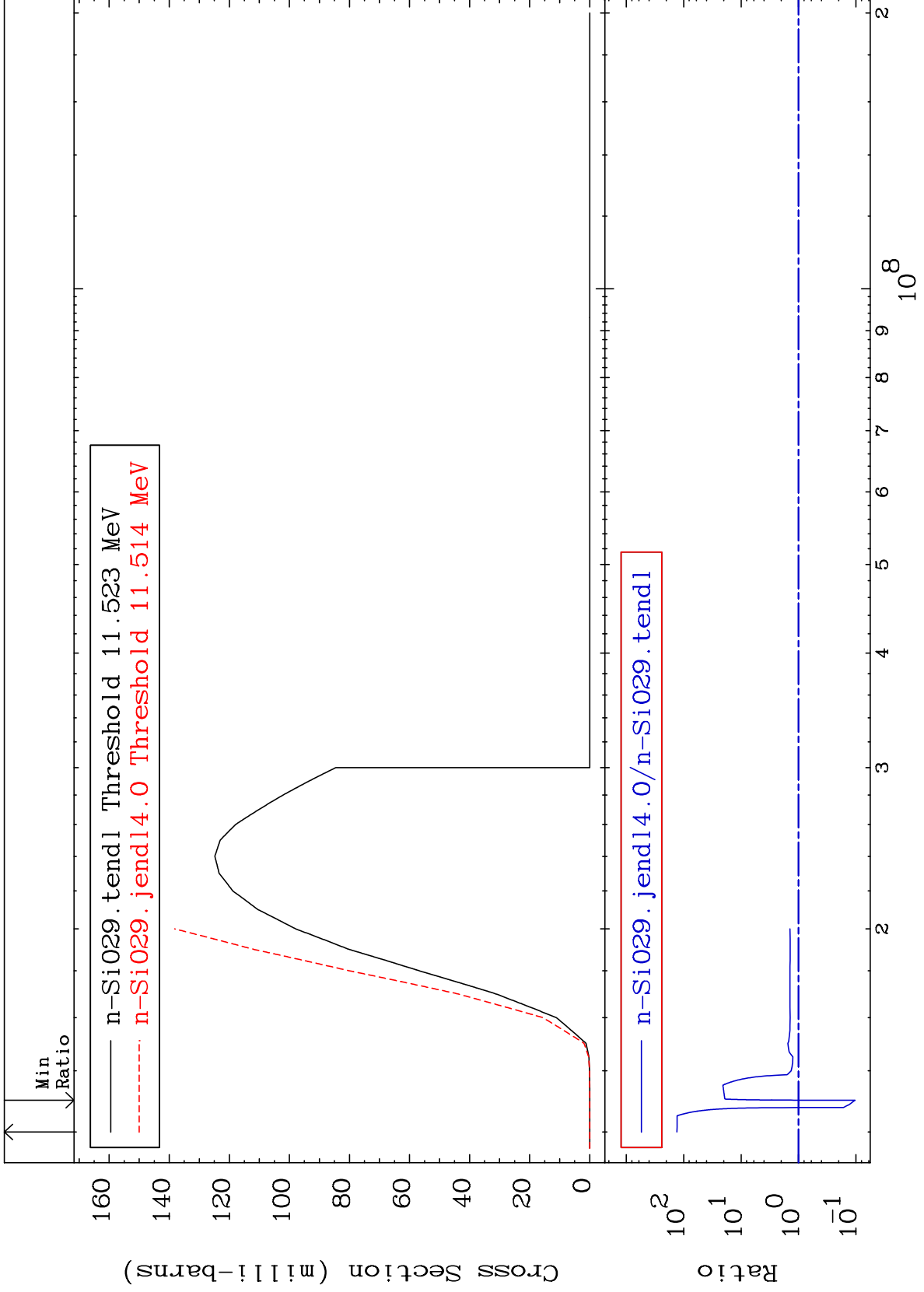
Incident Energy (eV)

14-Si-29

MAT 1428

(n,n') α
Cross Section

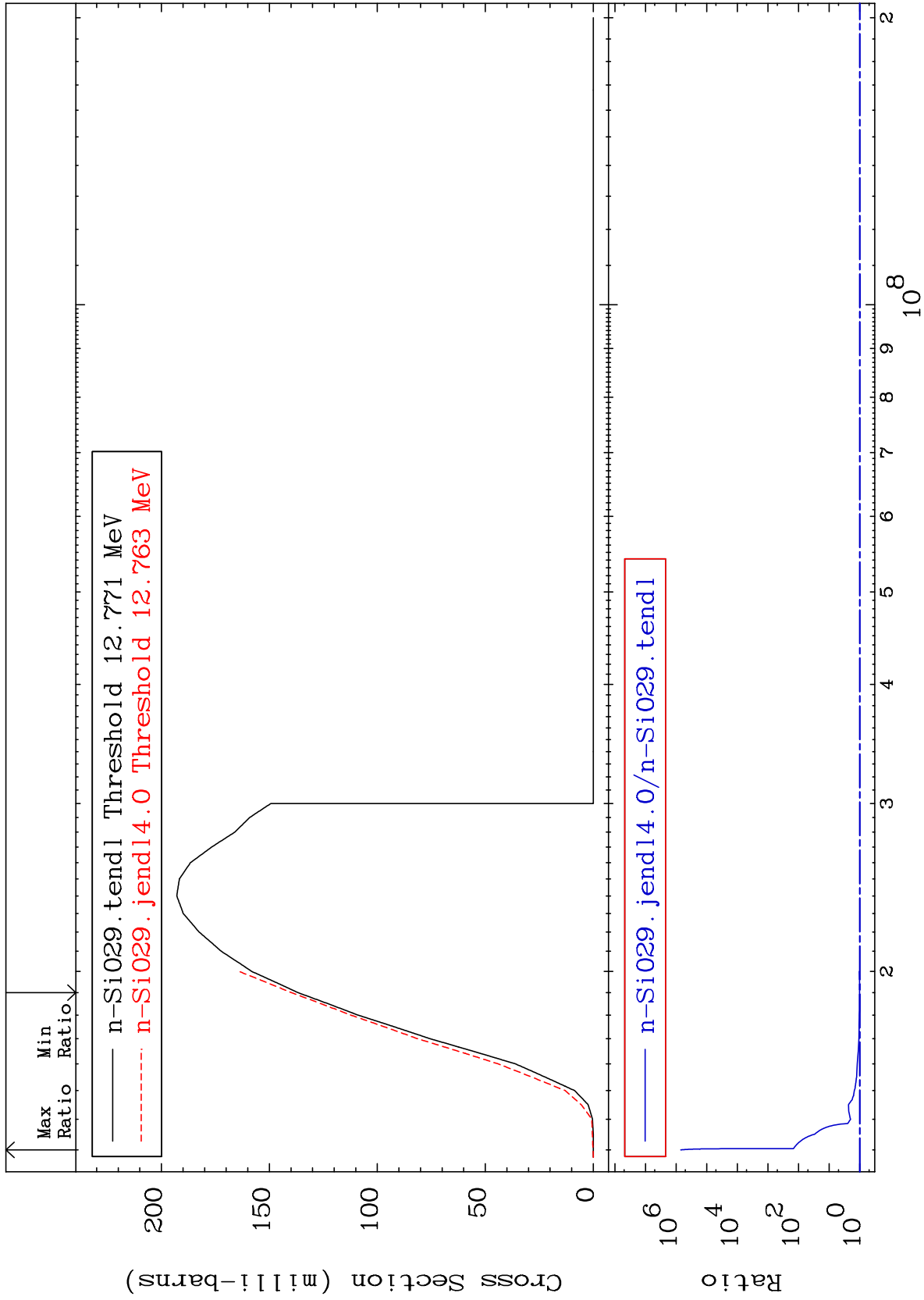
14-Si-29
-89.64 To 9999. %



MAT 1428

(n,n') p
Cross Section

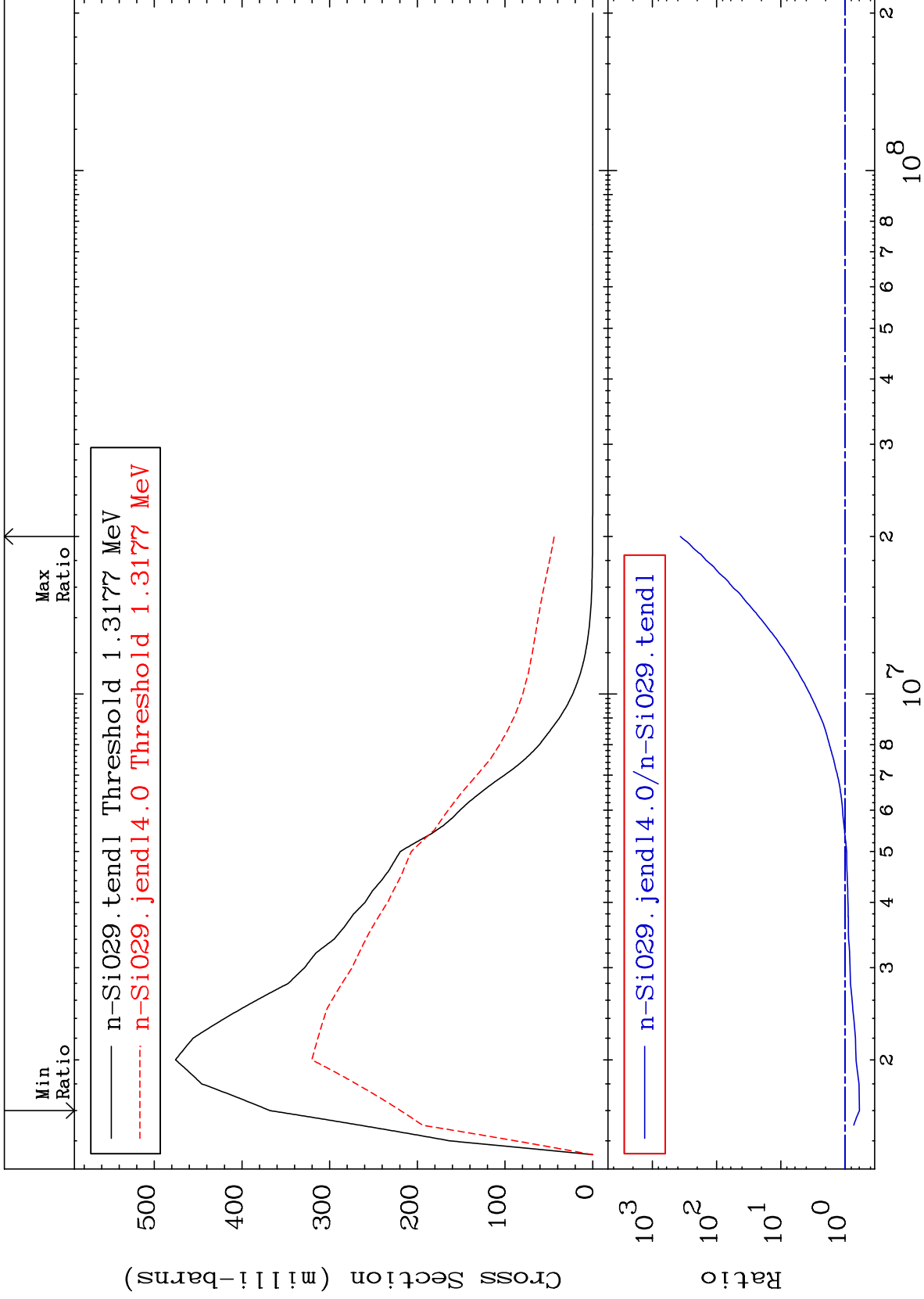
14-Si-29
2.224 To 9999. %



MAT 1428

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

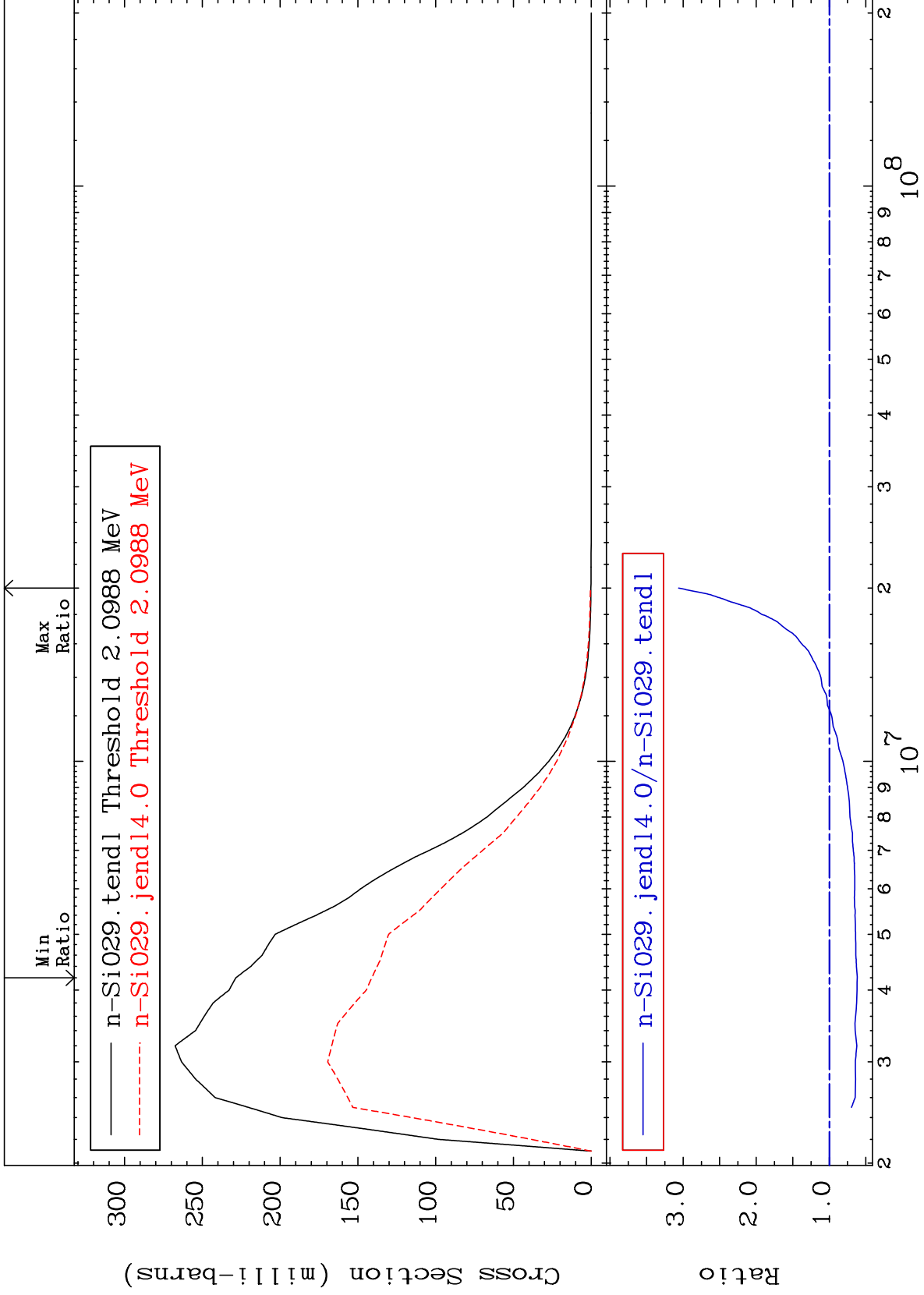
14-Si-29
-40.46 To 9999. %



MAT 1428

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

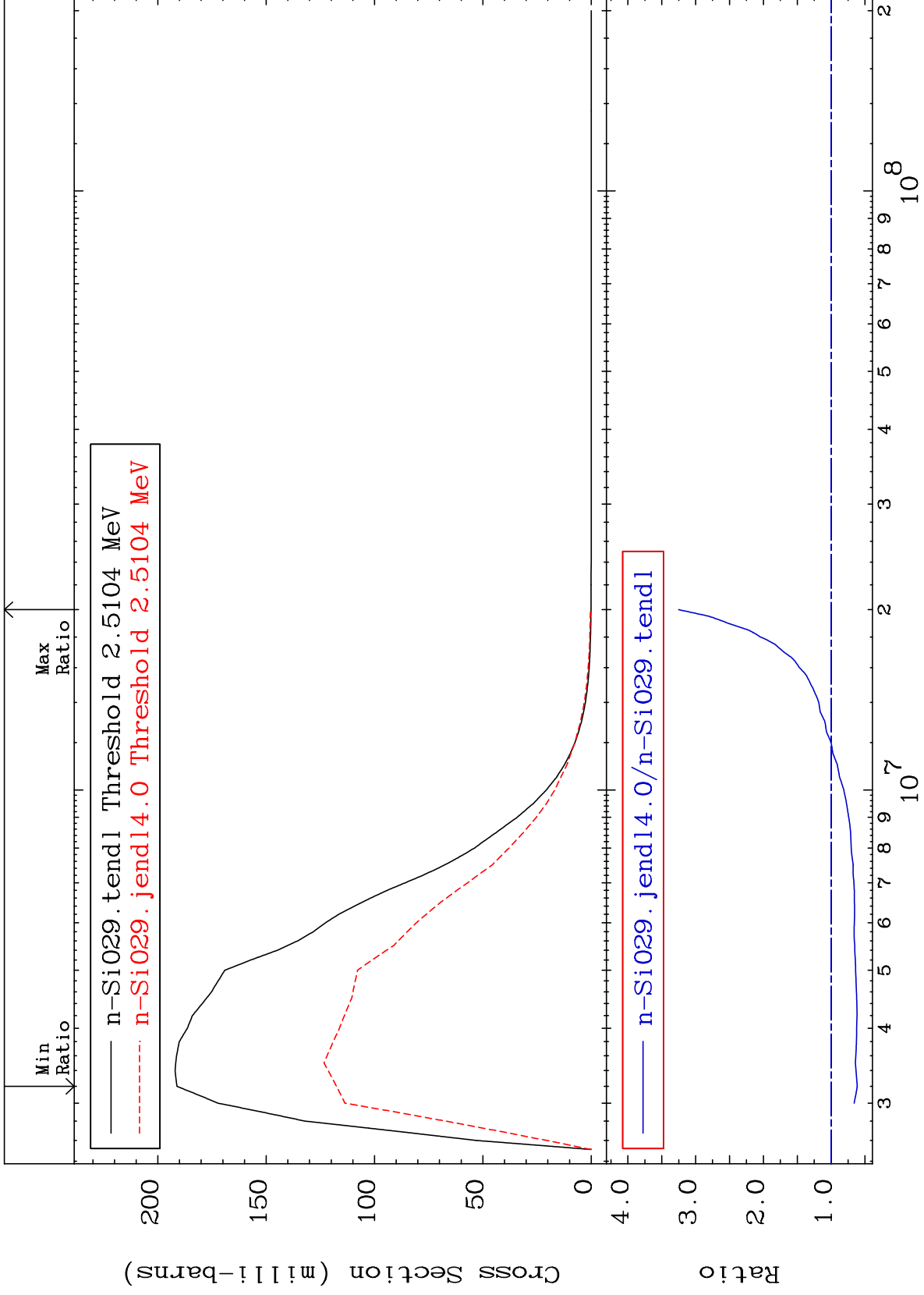
14-Si-29
-38.27 To 206.1 %



MAT 1428

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

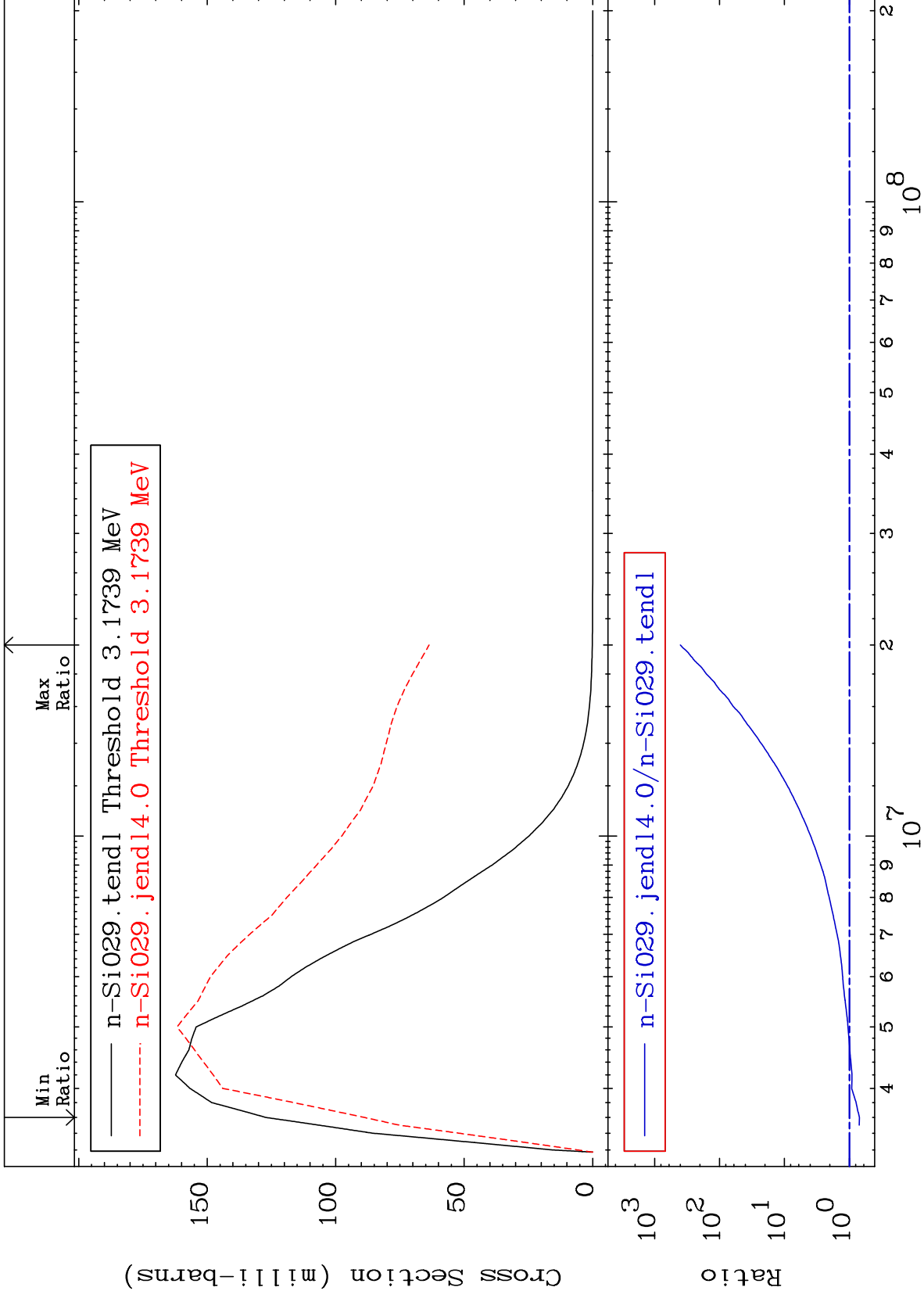
14-Si-29
-38.53 To 225.1 %



MAT 1428

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

14-Si-29
-30.08 To 9999. %



10

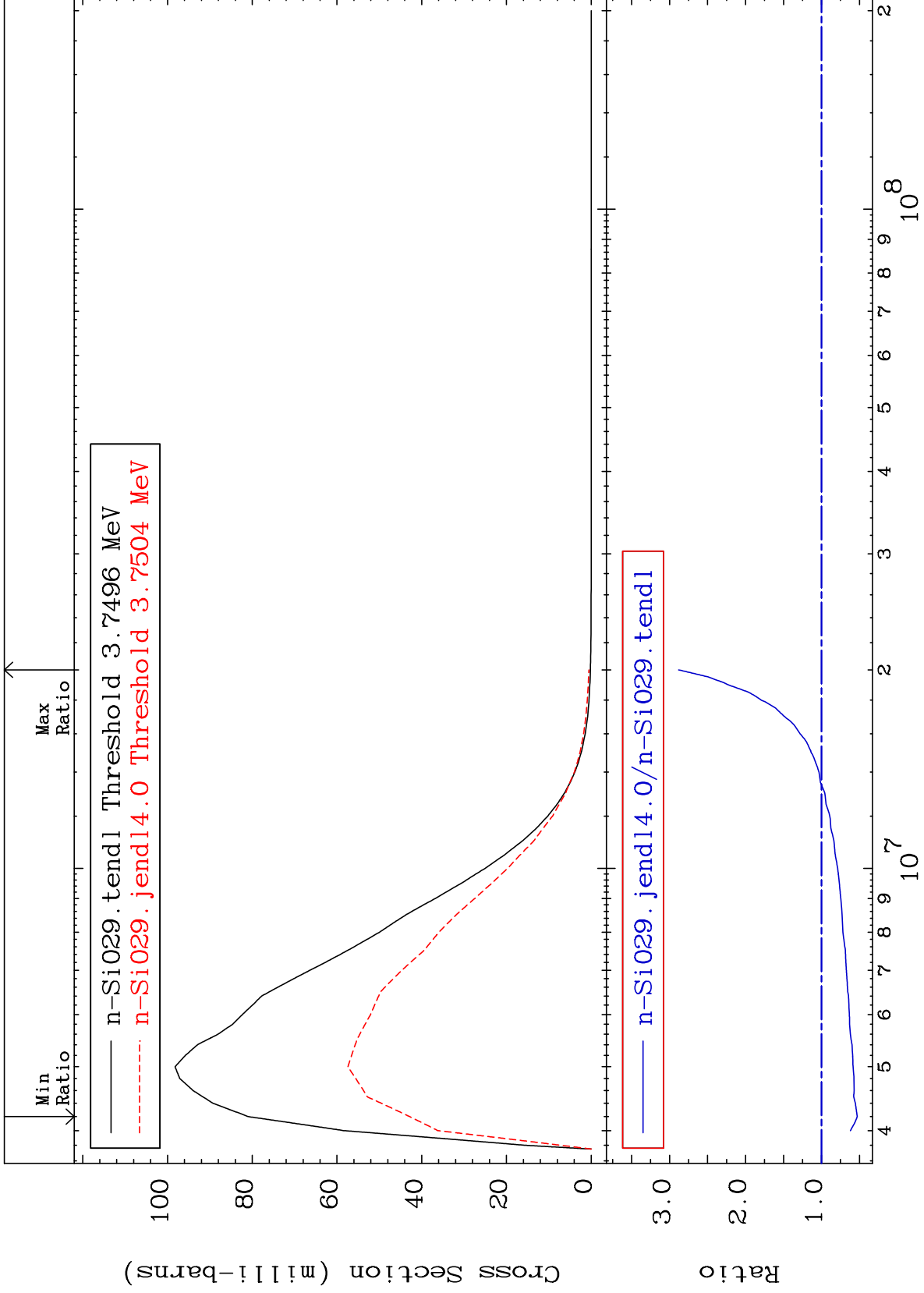
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-47.05 To 188.1 %



11

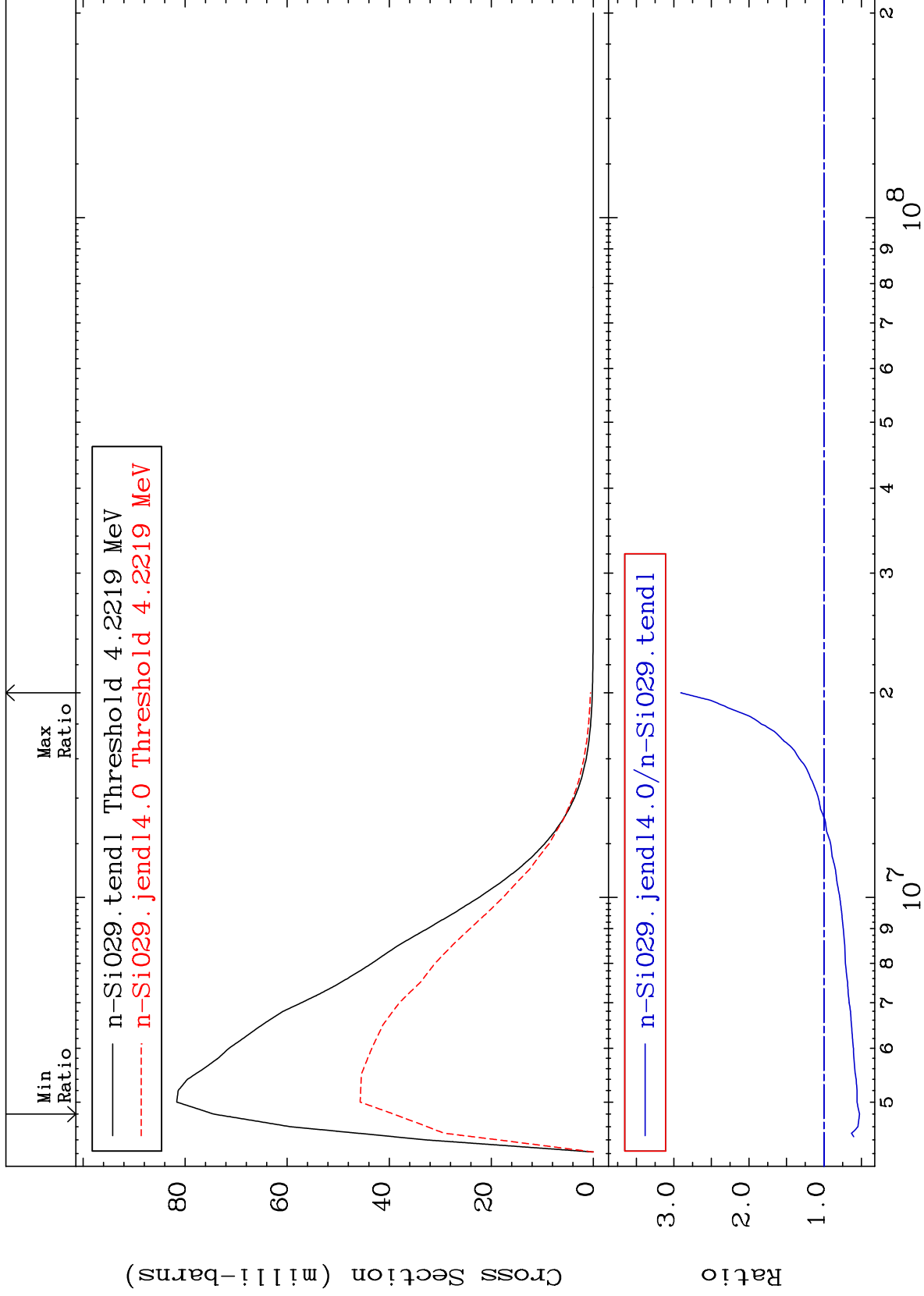
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-47.40 To 190.8 %



12

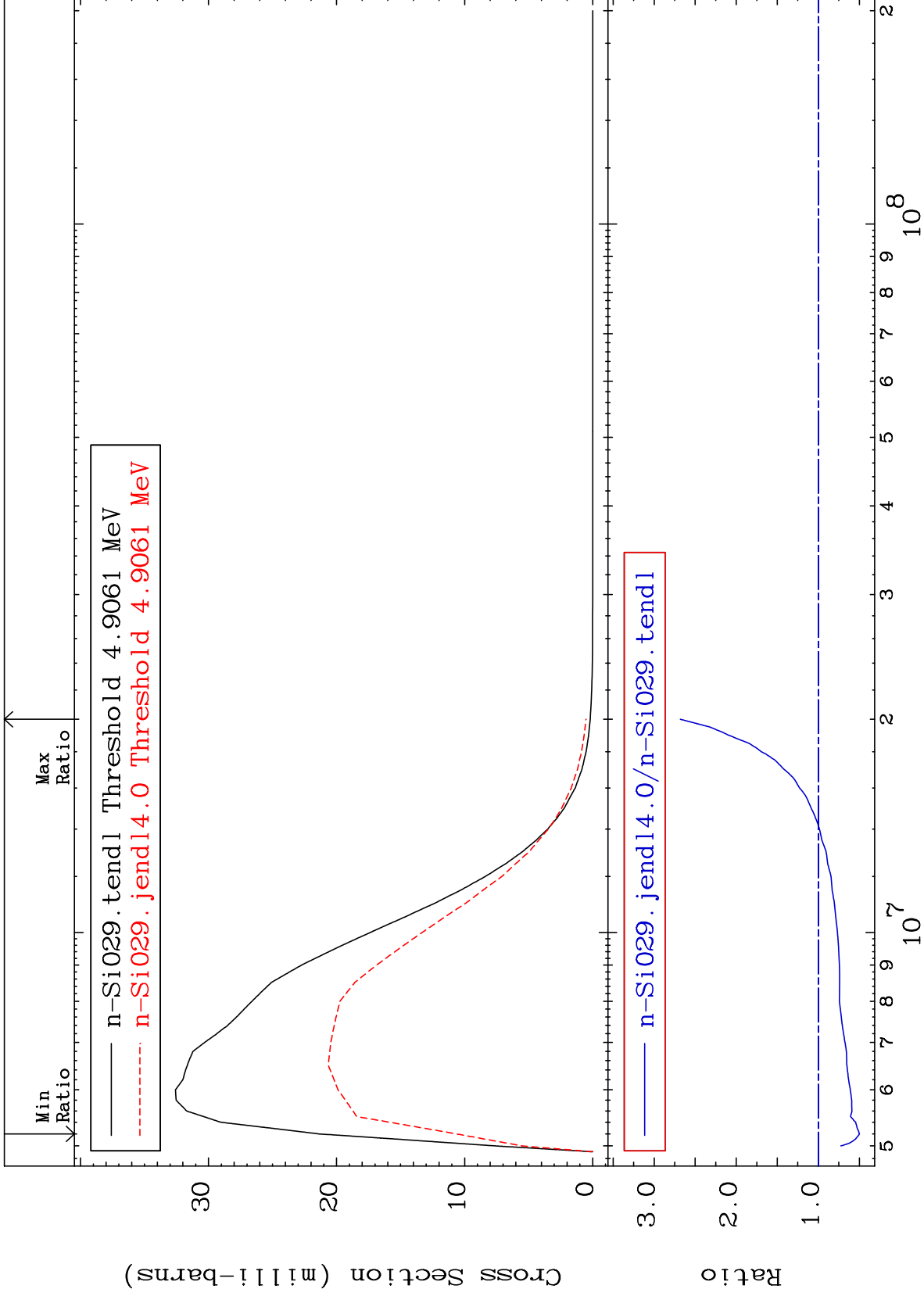
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-50.12 To 168.1 %



13

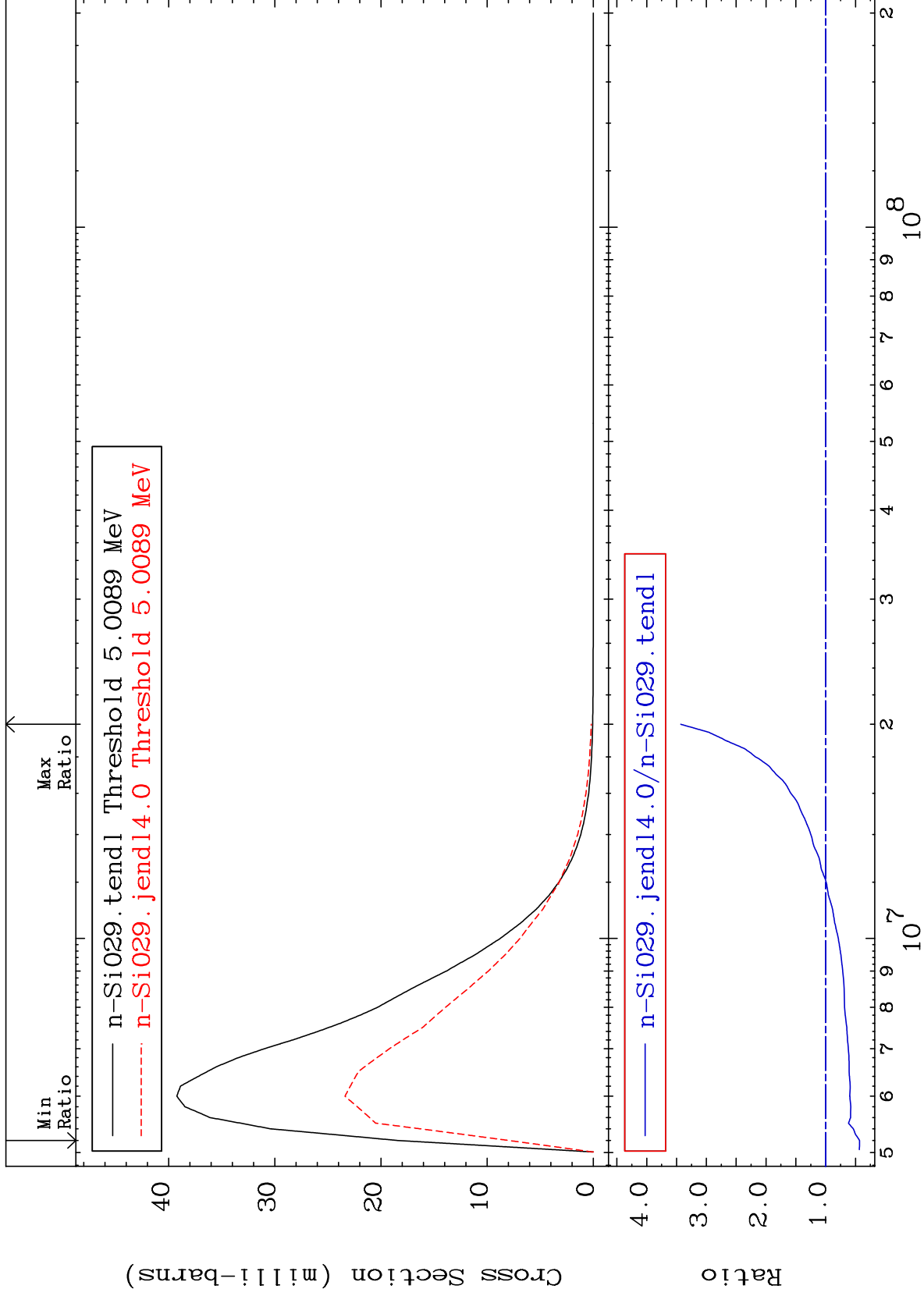
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-56.78 To 242.9 %



14

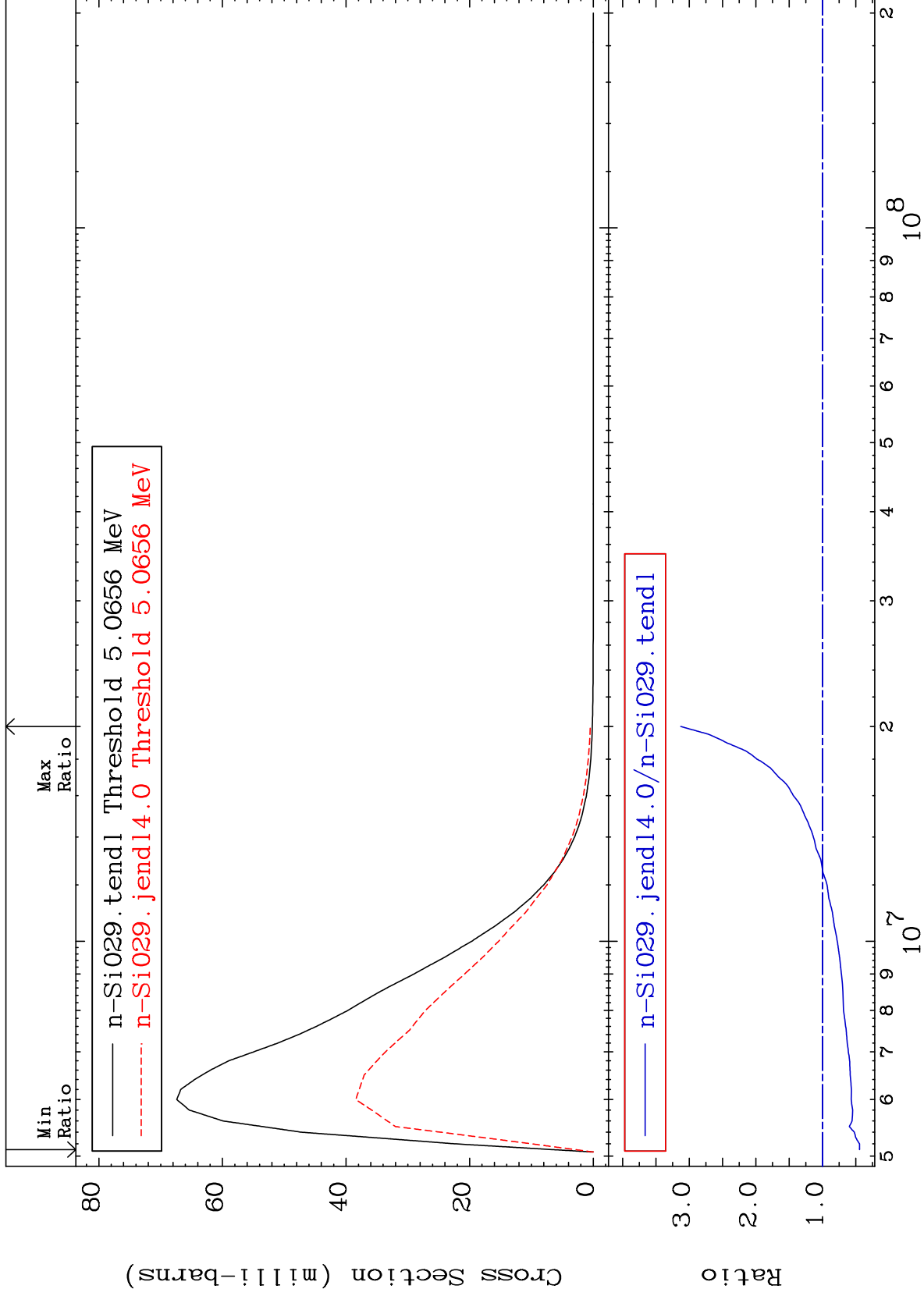
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-55.53 To 212.8 %



15

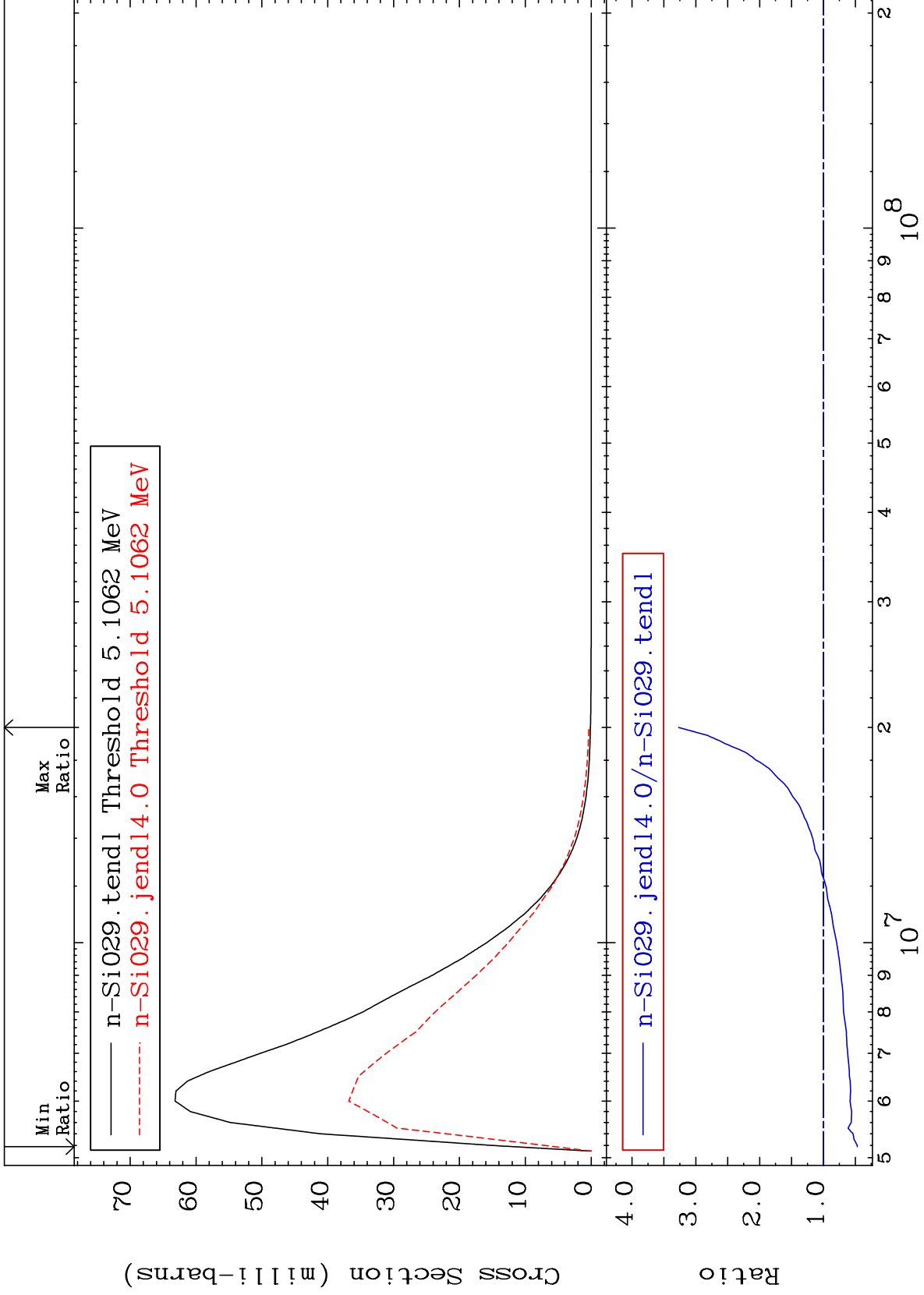
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-53.01 To 226.9 %



16

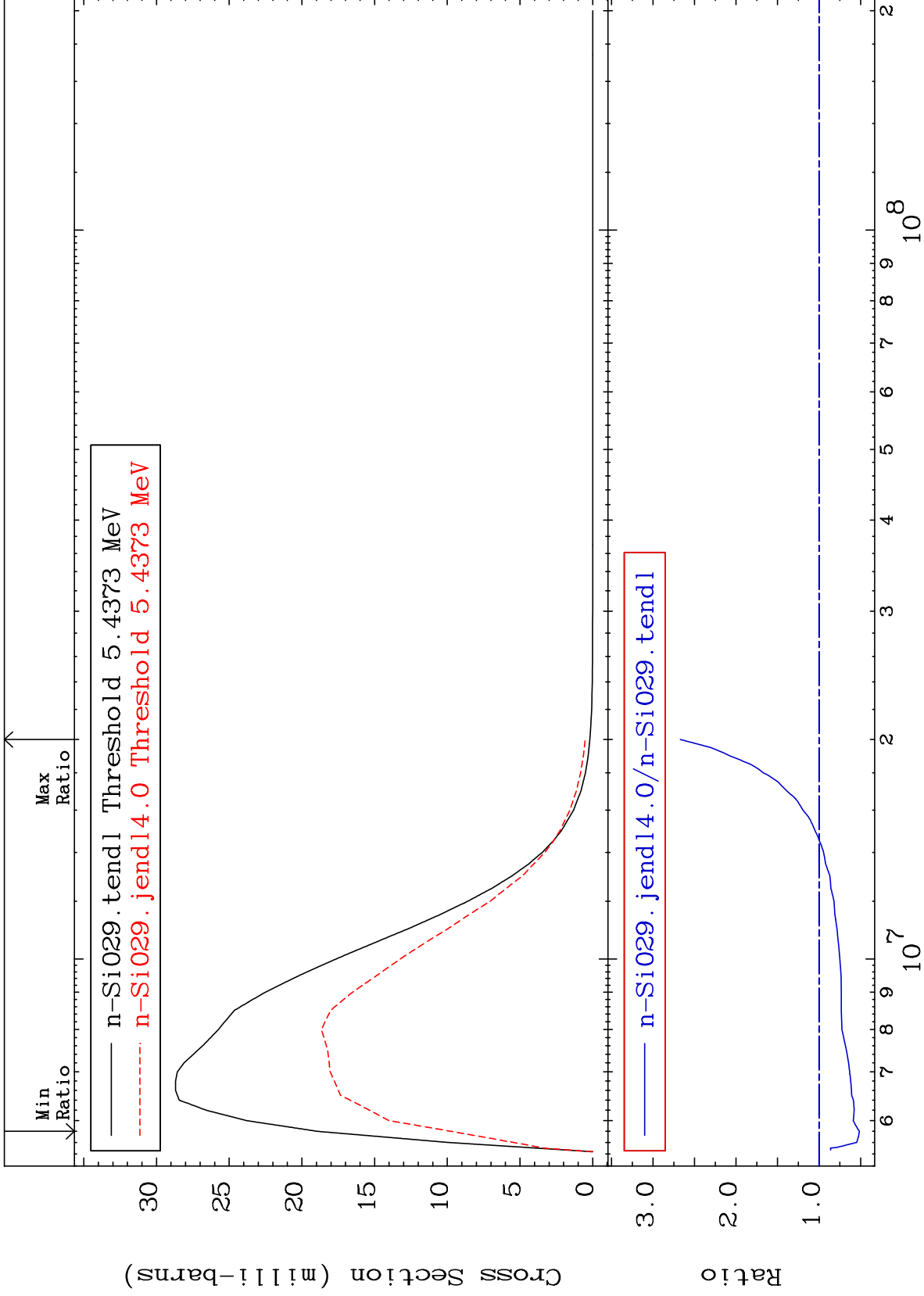
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-48.60 To 167.1 %



17

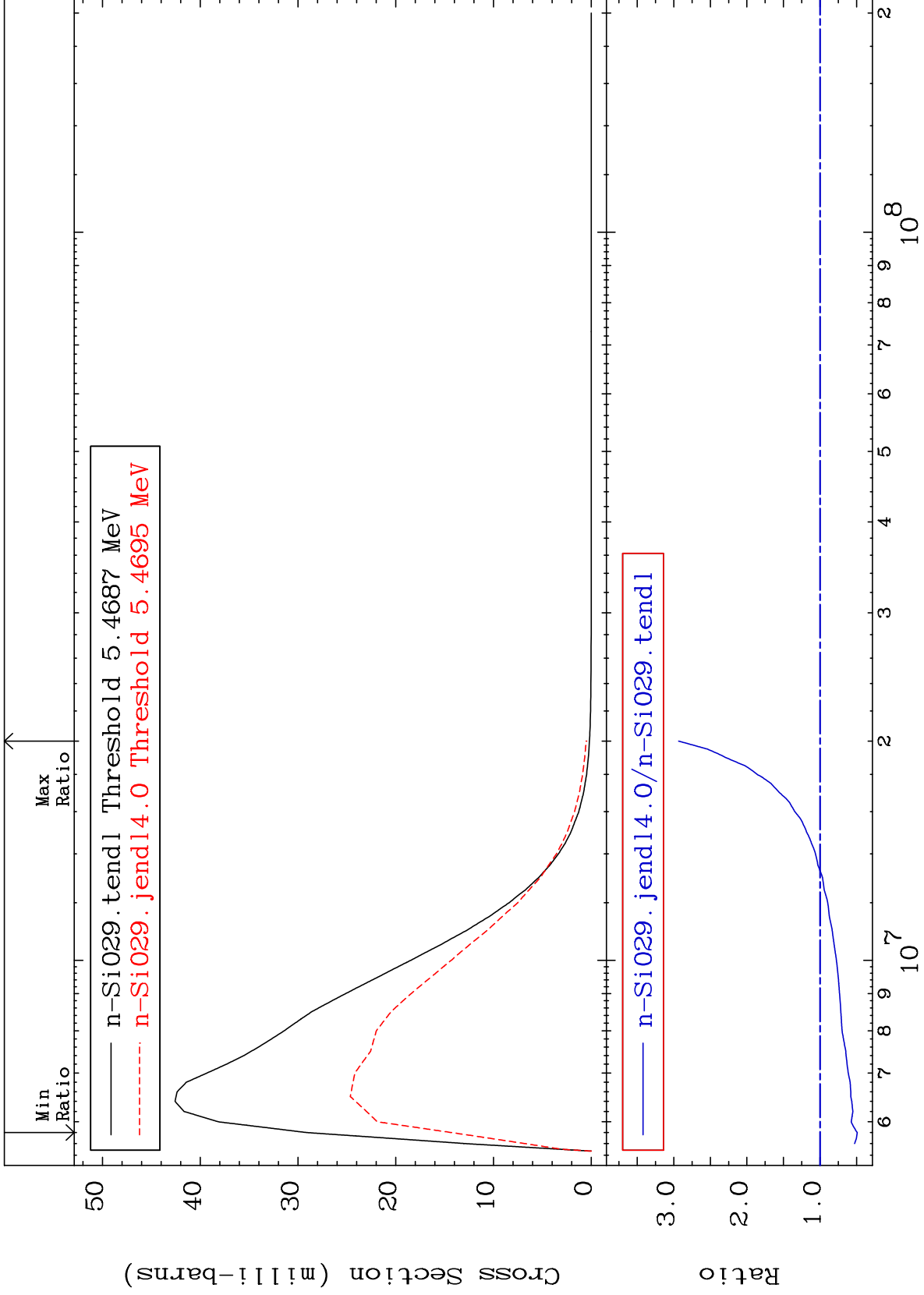
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-50.87 To 193.3 %



18

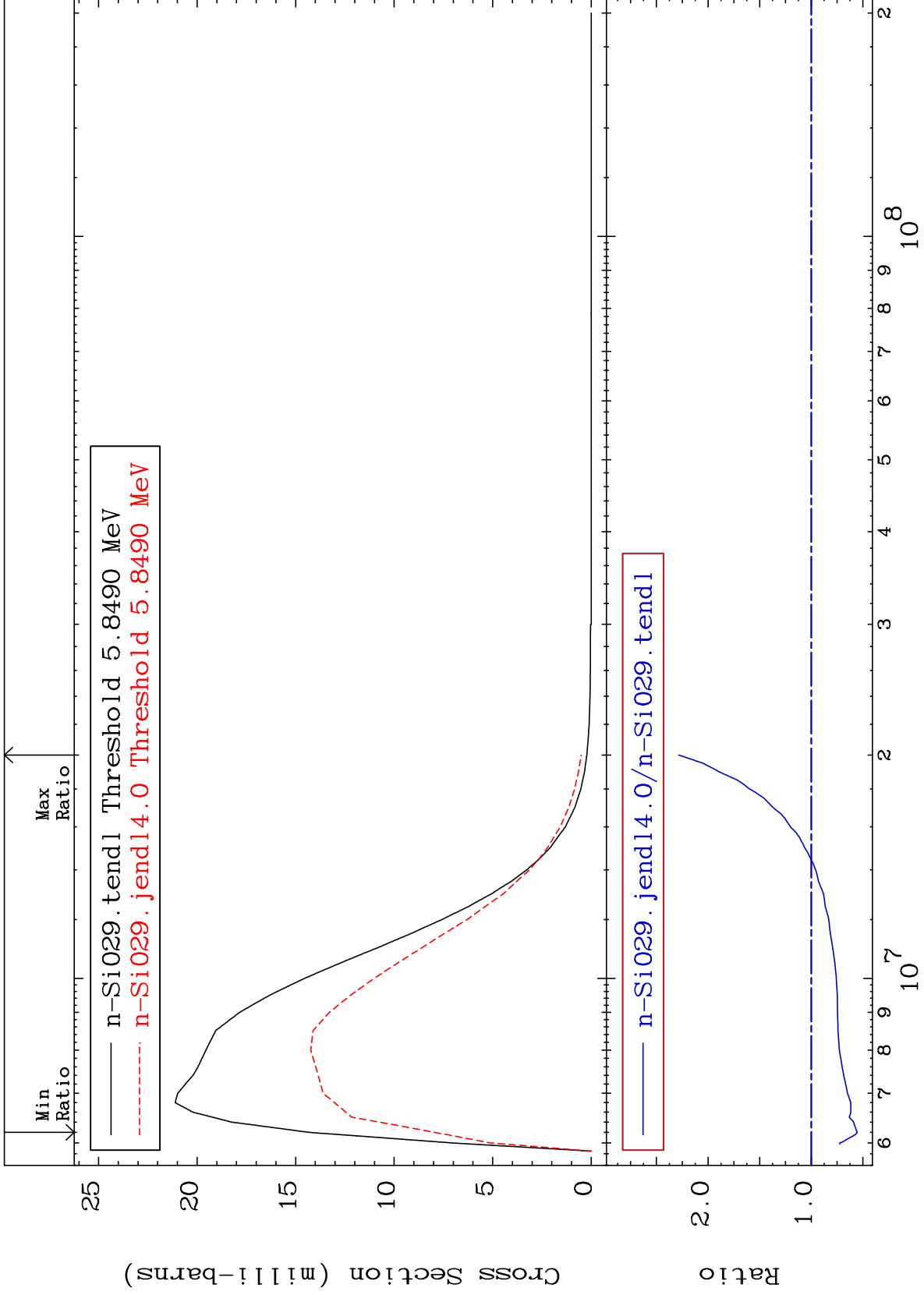
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-44.58 To 128.5 %



19

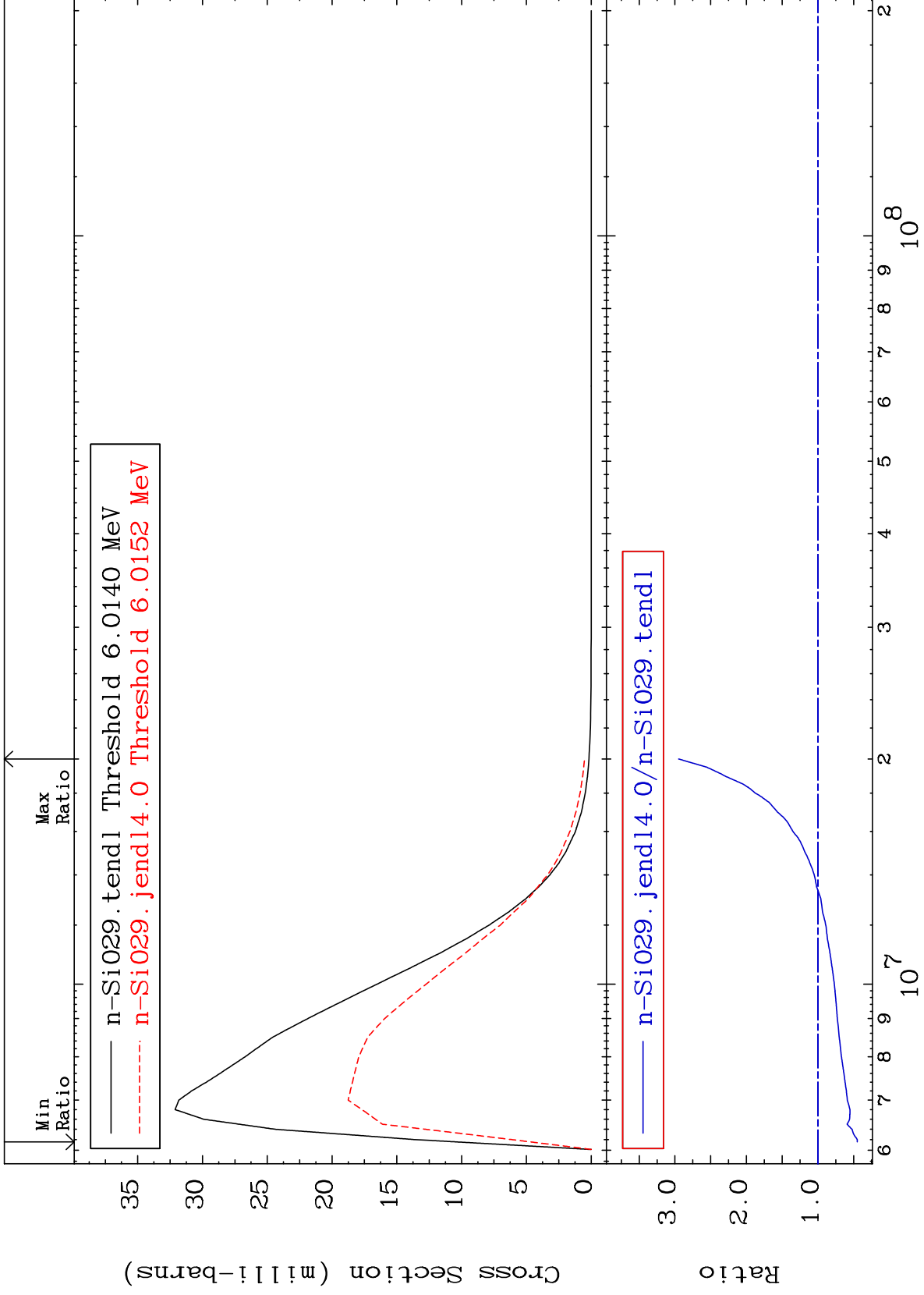
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-54.98 To 194.8 %



20

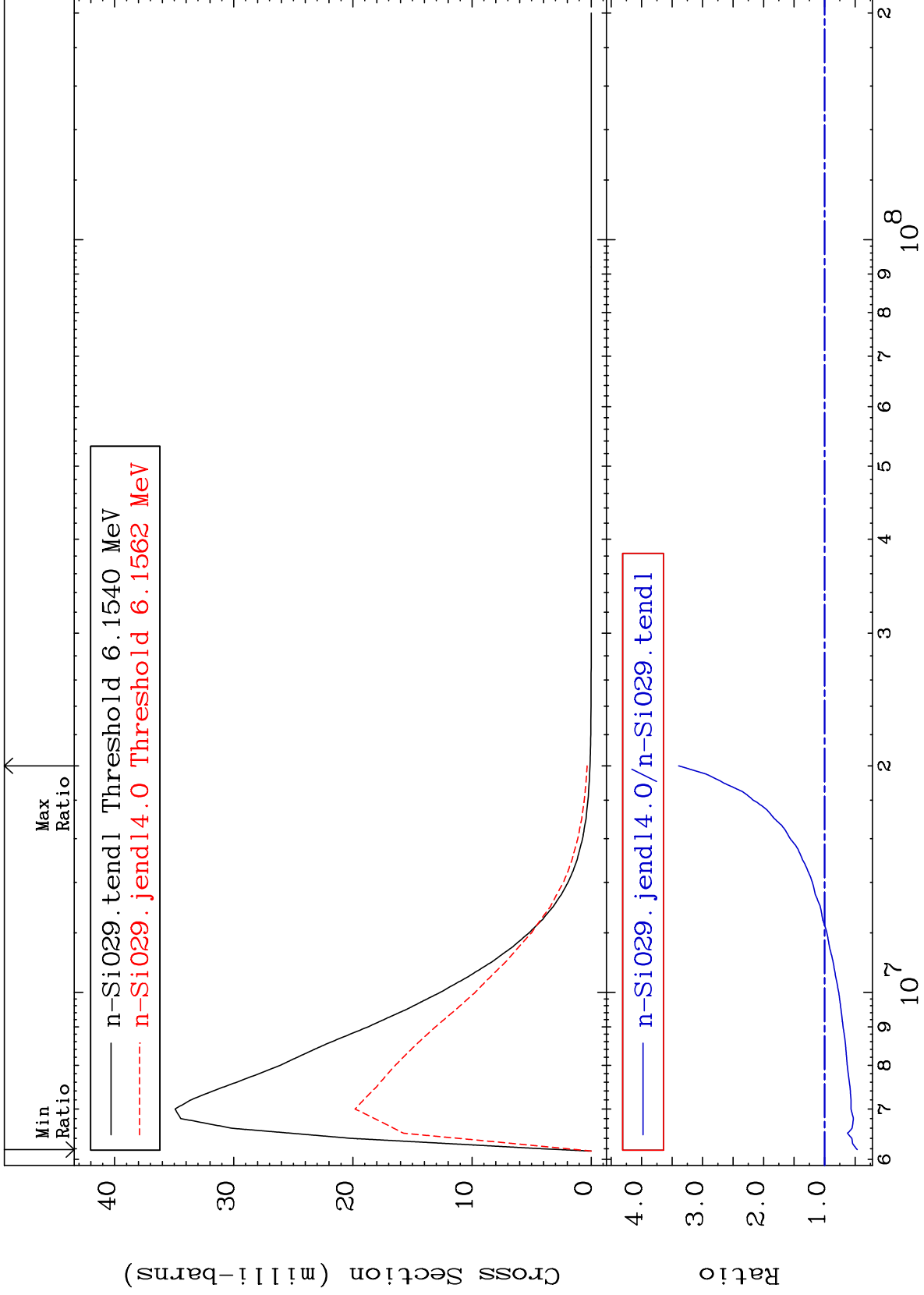
Incident Energy (eV)

14-Si-29

MAT 1428

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

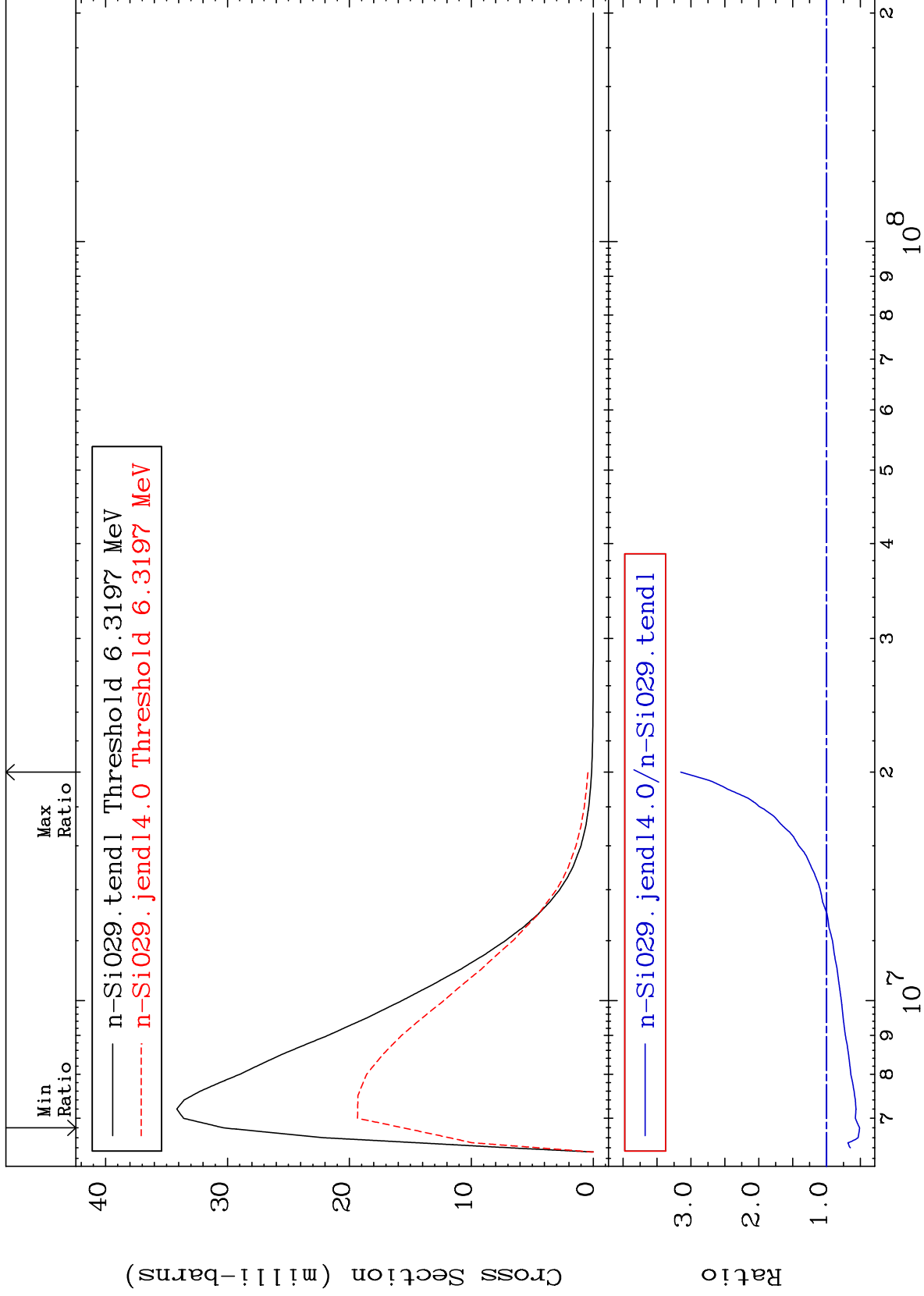
14-Si-29
-53.51 To 239.3 %



MAT 1428

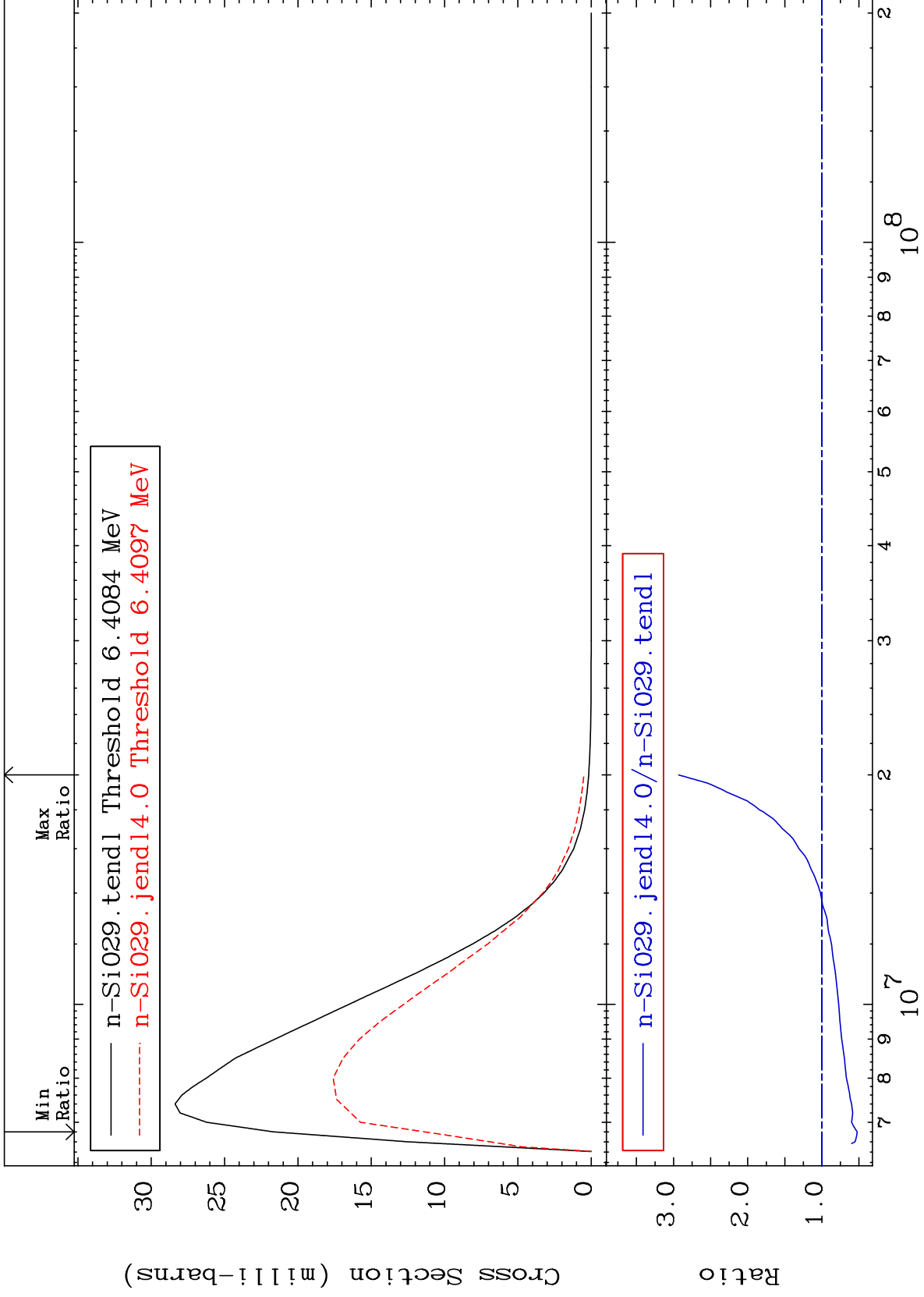
MT= 66 (n,n') Level
Cross Section

14-Si-29
-48.68 To 215.0 %



22

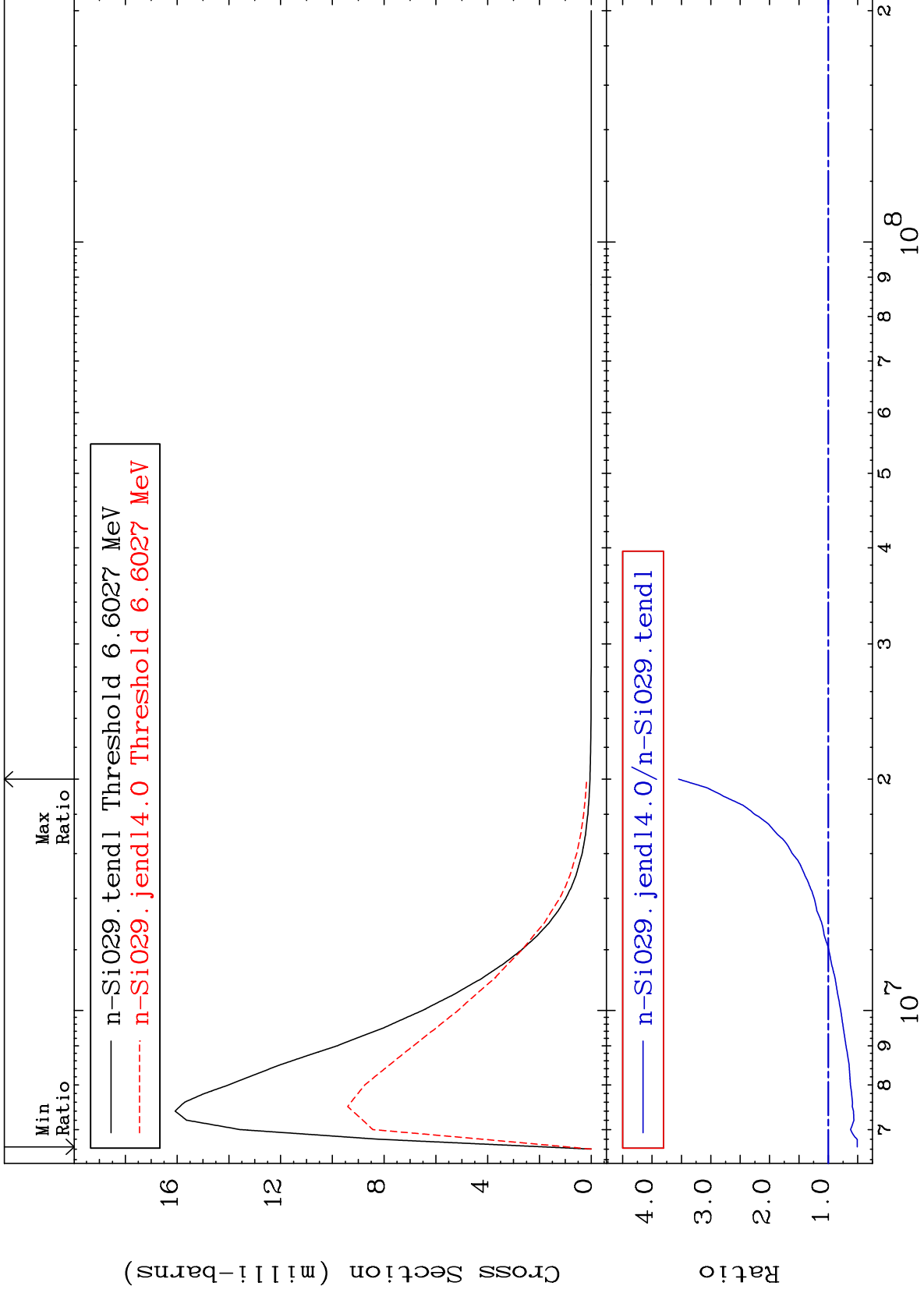
14-Si-29



MAT 1428

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

14-Si-29
-49.16 To 254.7 %



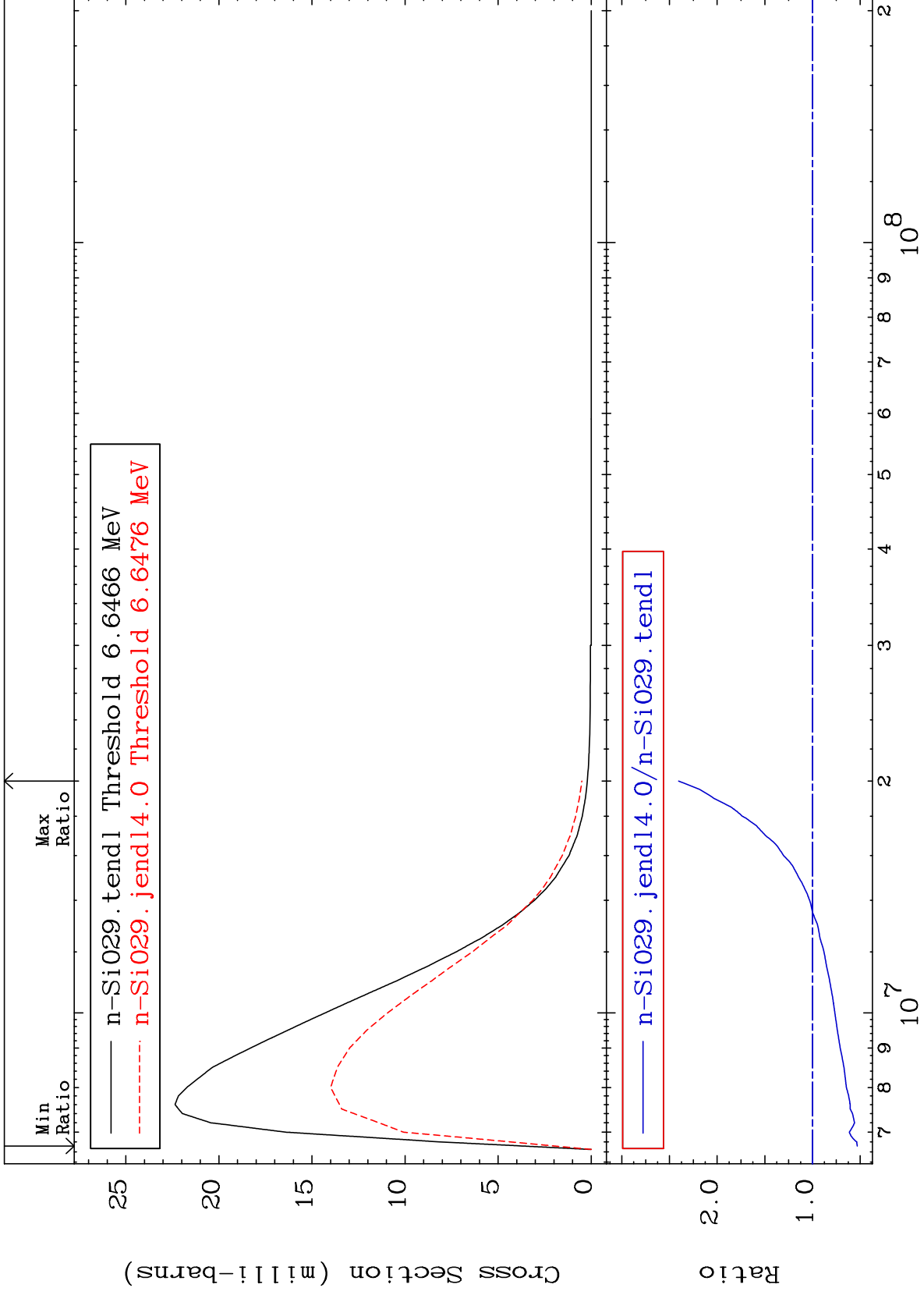
24

14-Si-29

MAT 1428

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

14-Si-29
-46.95 To 140.4 %



25

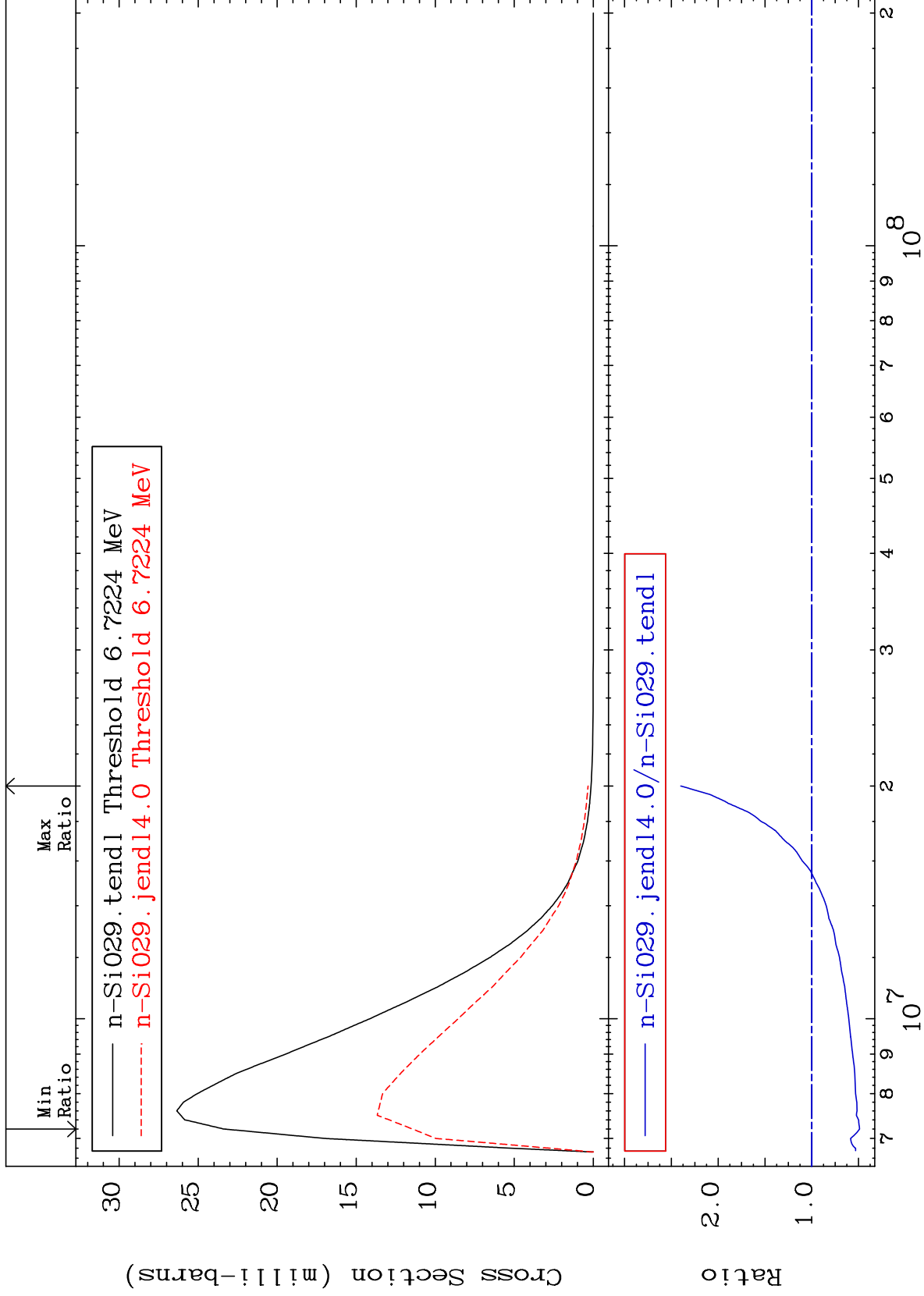
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-51.07 To 140.0 %



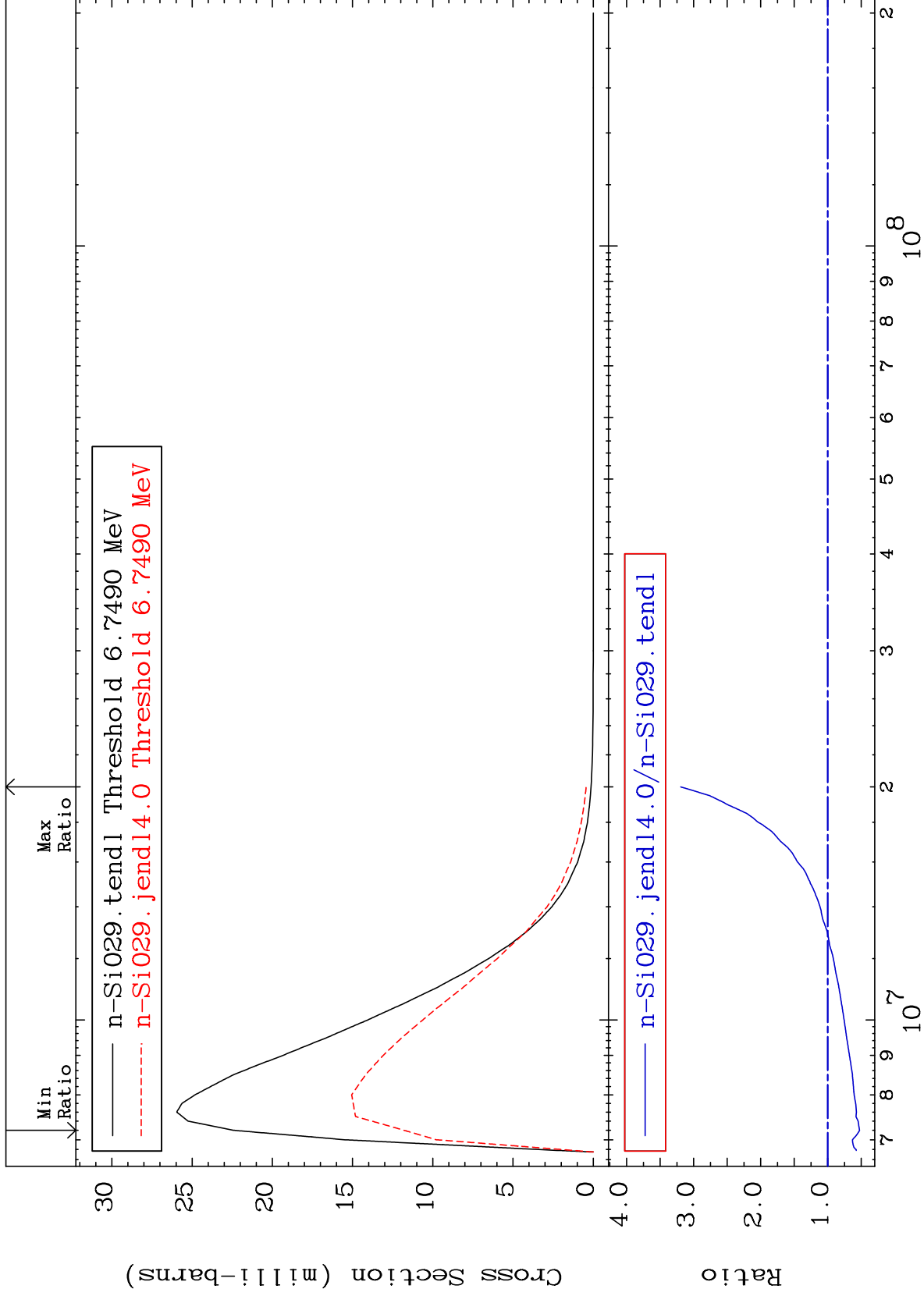
26

14-Si-29

MAT 1428

MT= 71 (n,n') Level
Cross Section

14-Si-29
-47.43 To 219.2 %



27

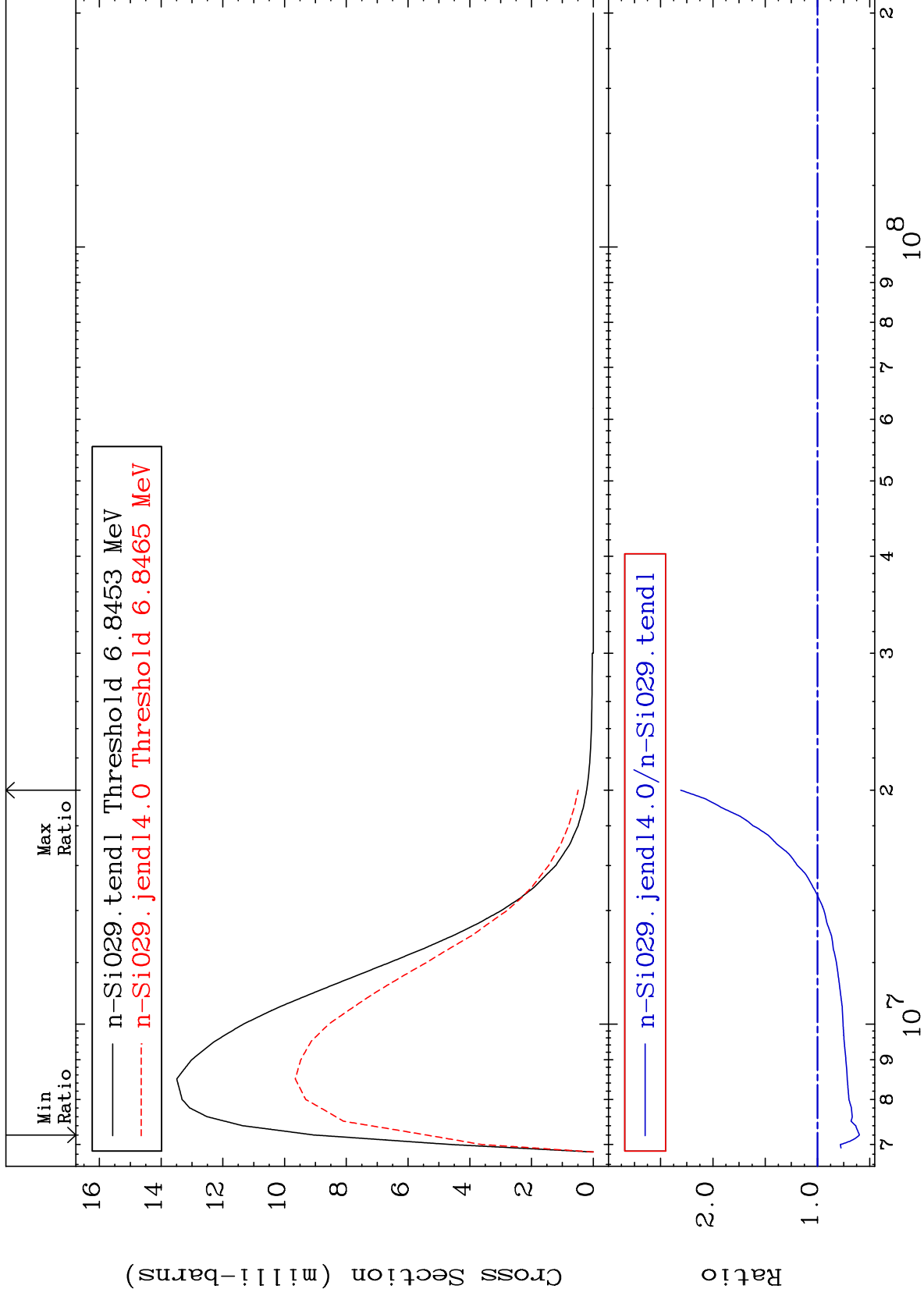
Incident Energy (eV)

14-Si-29

MAT 1428

MT= 72 (n,n') Level
Cross Section

14-Si-29
-40.21 To 130.7 %



28

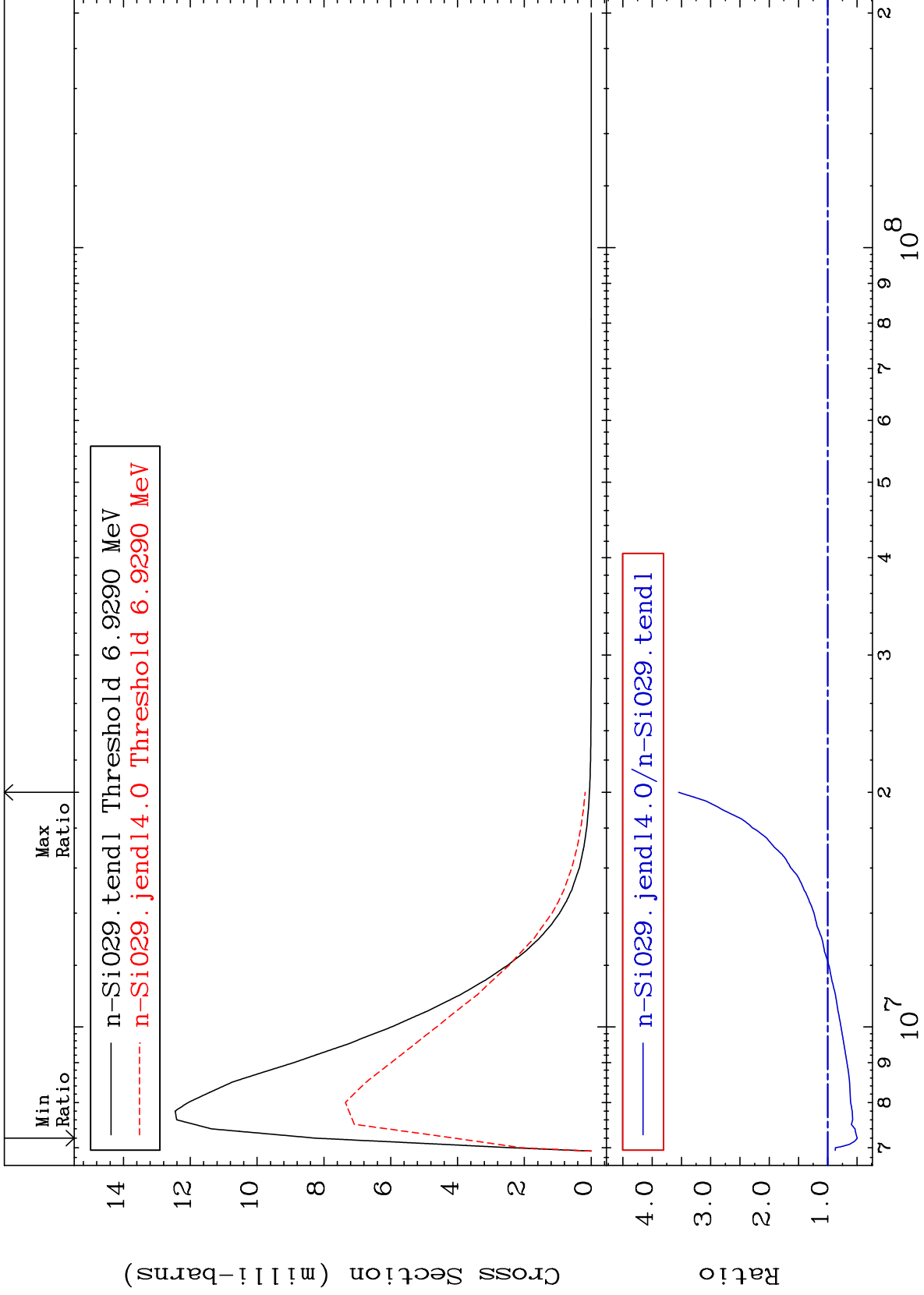
Incident Energy (eV)

14-Si-29

MAT 1428

MT= 73 (n,n') Level
Cross Section

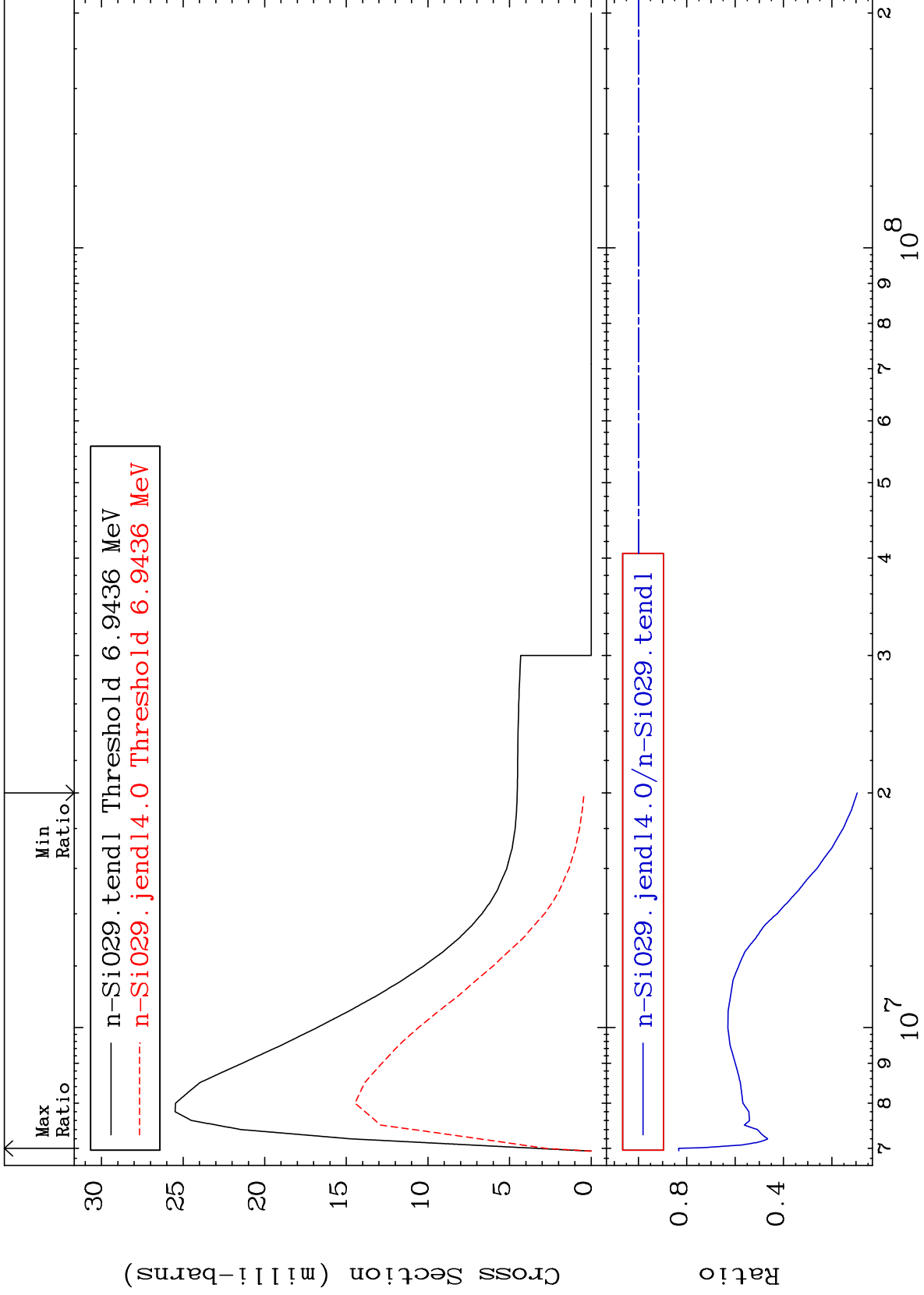
14-Si-29
-50.38 To 254.8 %



MAT 1428

MT= 74 (n,n') Level
Cross Section

14-Si-29
-90.50 To -16.62%



30

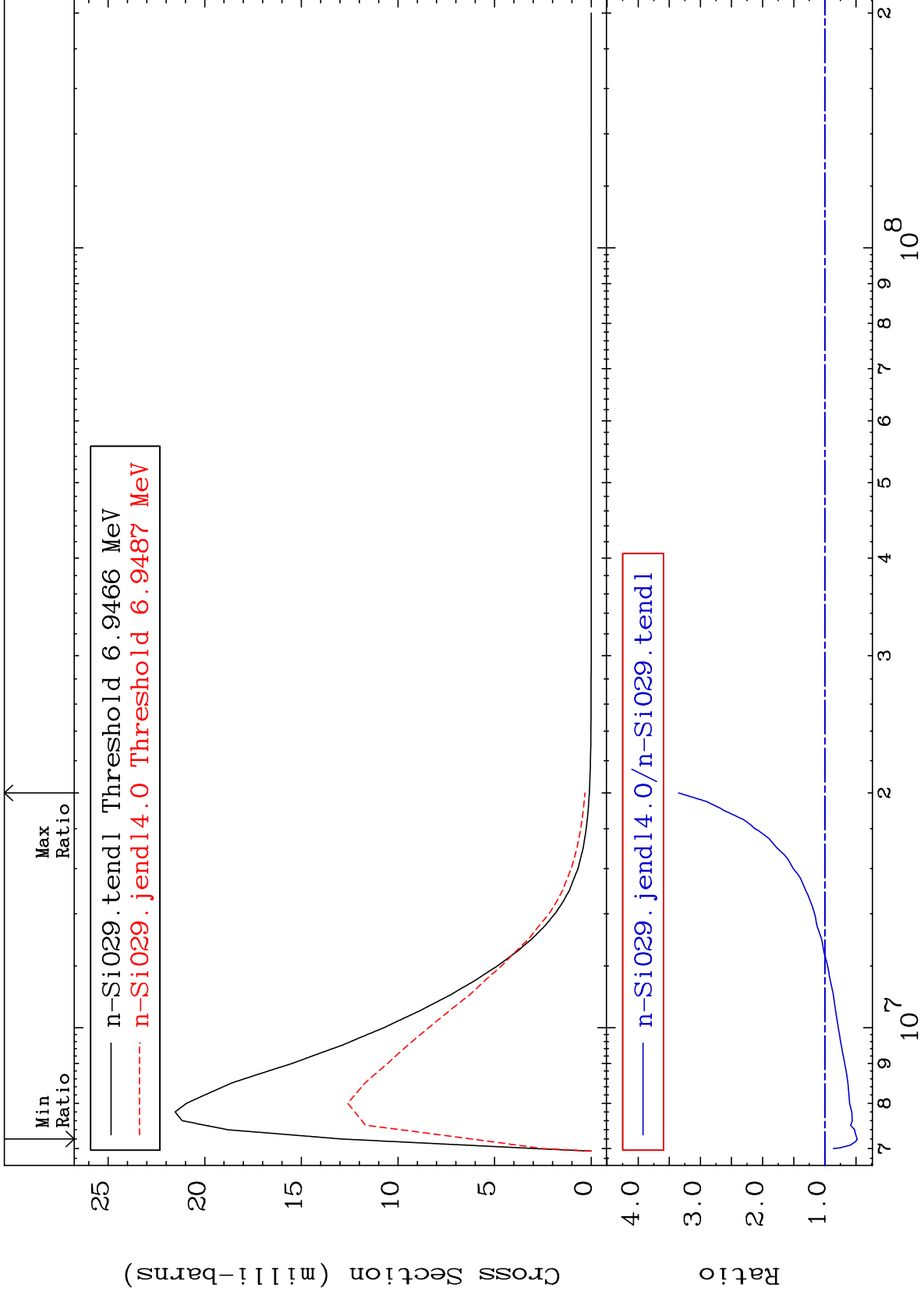
Incident Energy (eV)

14-Si-29

MAT 1428

MT= 75 (n,n') Level
Cross Section

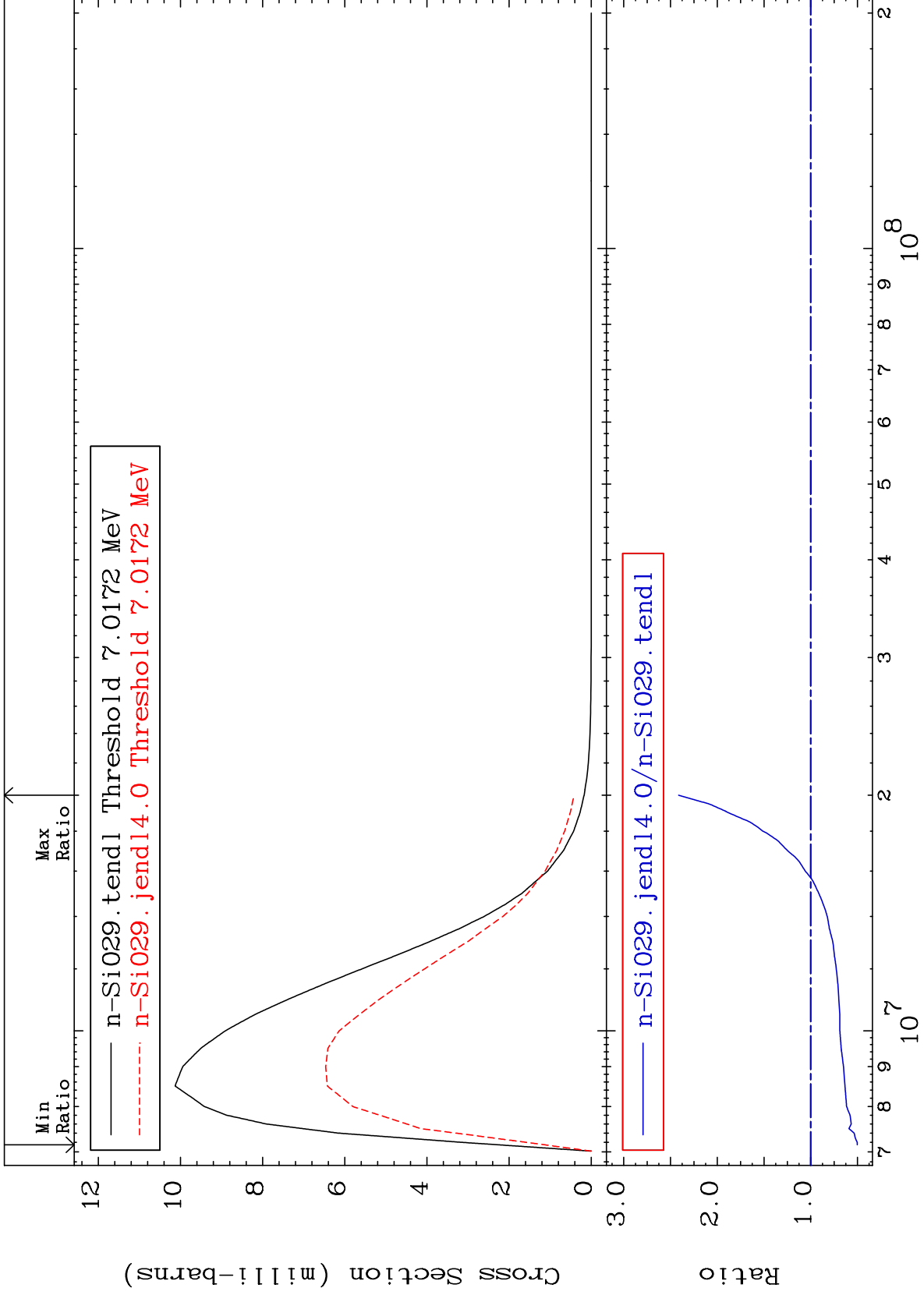
14-Si-29
-52.10 To 235.0 %



MAT 1428

MT= 76 (n,n') Level
Cross Section

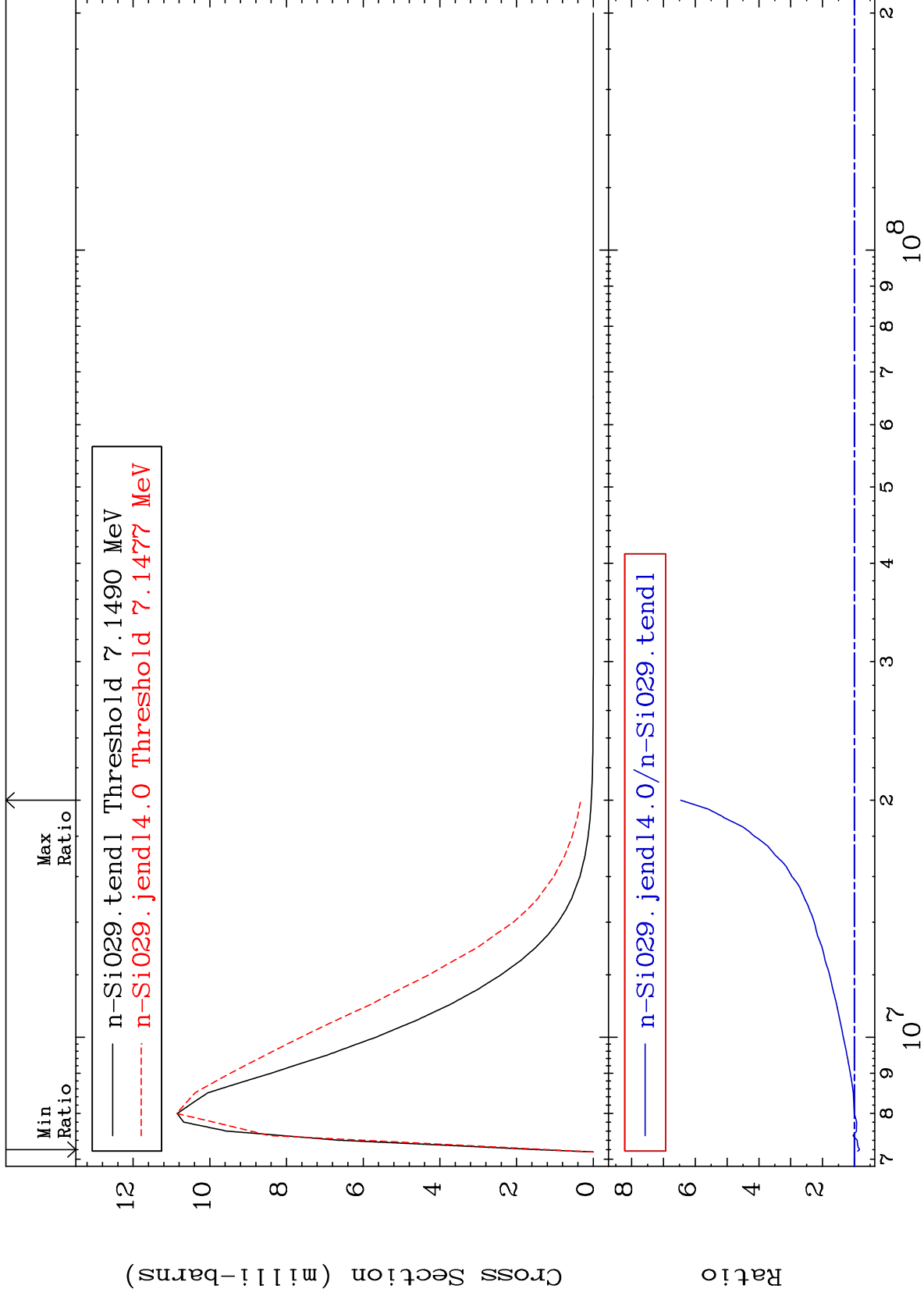
14-Si-29
-49.76 To 141.3 %



MAT 1428

MT= 77 (n,n') Level
Cross Section

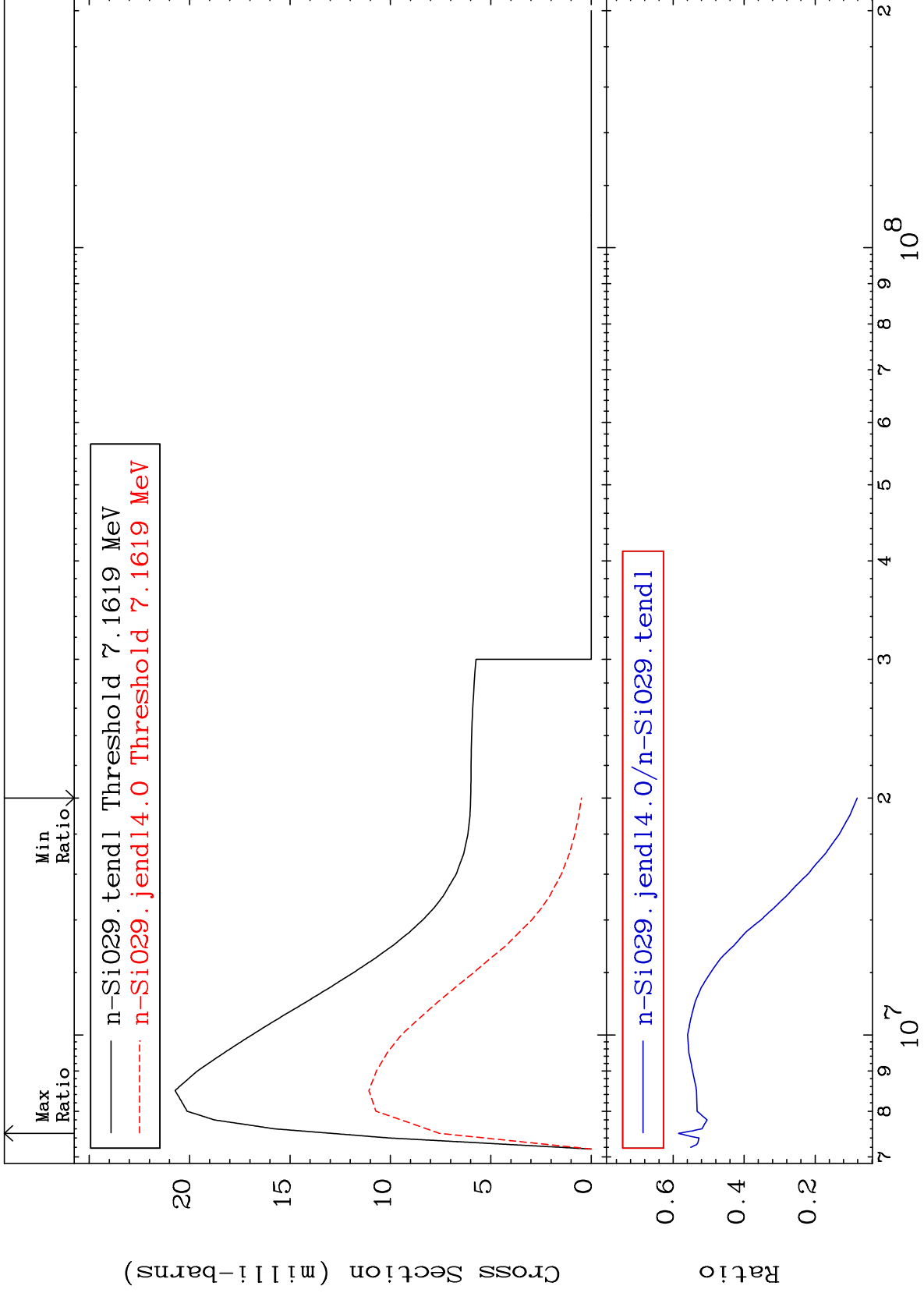
14-Si-29
-16.39 To 545.6 %



MAT 1428

MT= 78 (n,n') Level
Cross Section

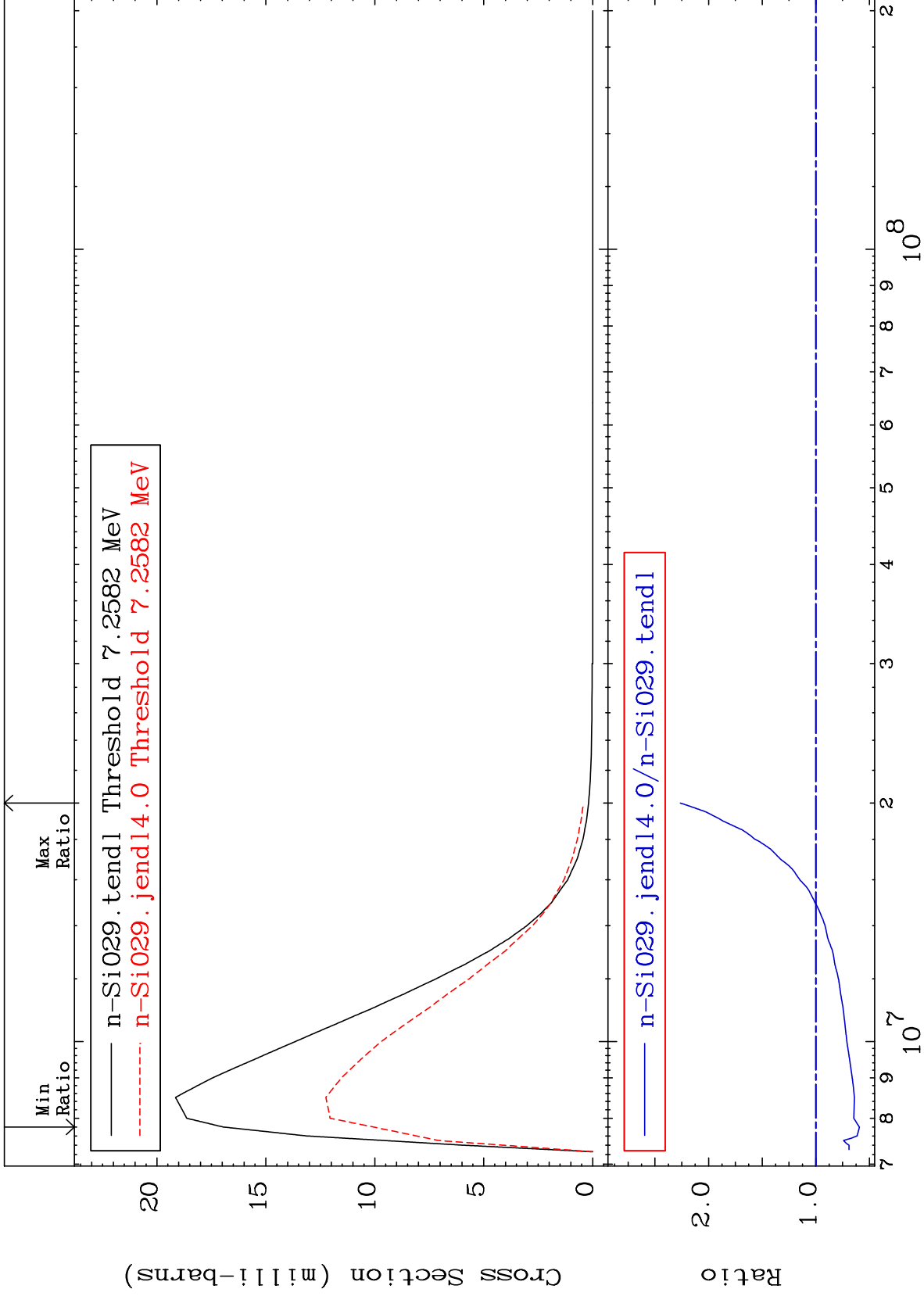
14-Si-29
-91.87 To -41.54%



MAT 1428

MT= 79 (n,n') Level
Cross Section

14-Si-29
-40.65 To 126.3 %



35

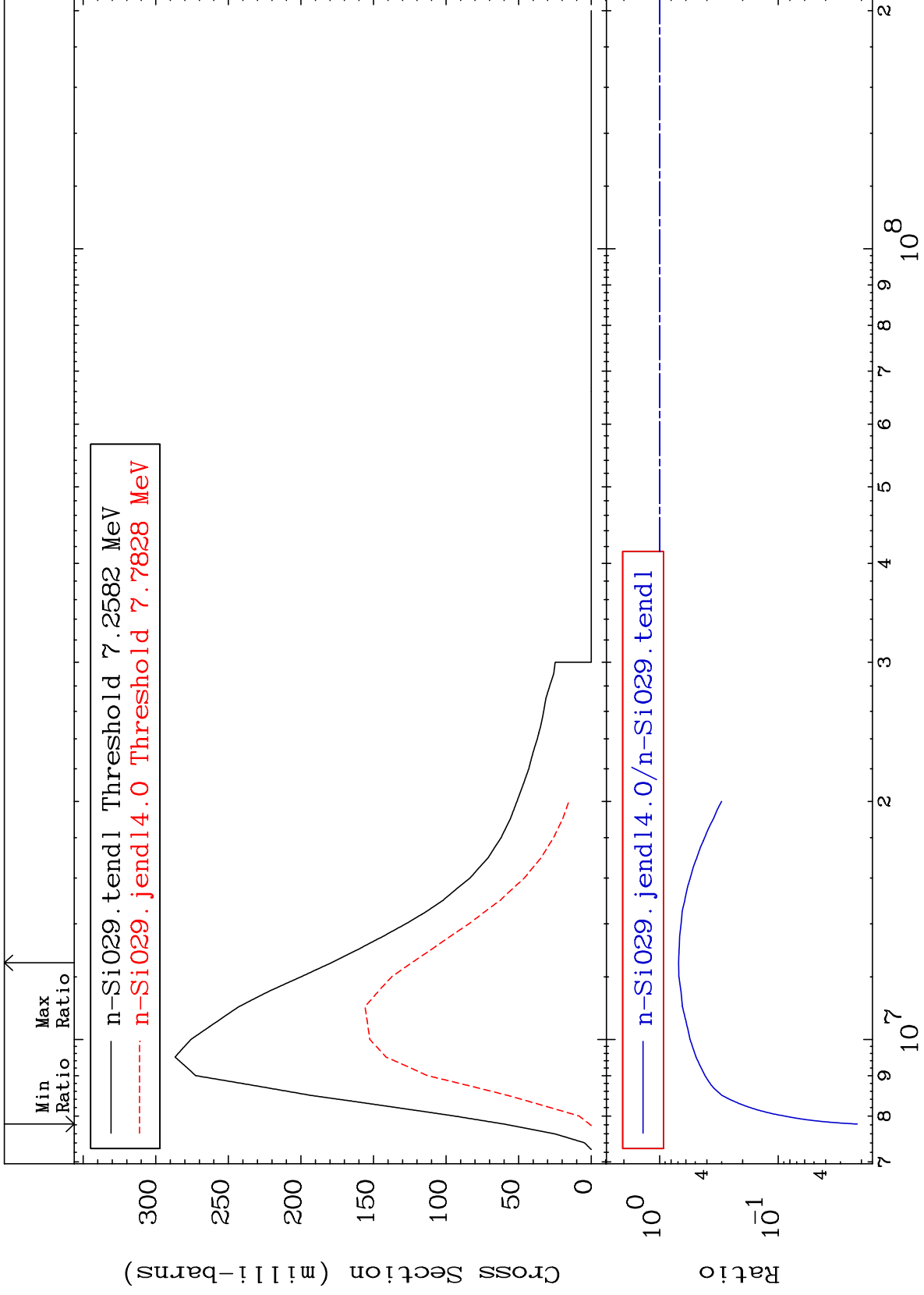
Incident Energy (eV)

14-Si-29

MAT 1428

(n,n') Continuum
Cross Section

14-Si-29
-97.84 To -30.91%



36

Incident Energy (eV)

14-Si-29

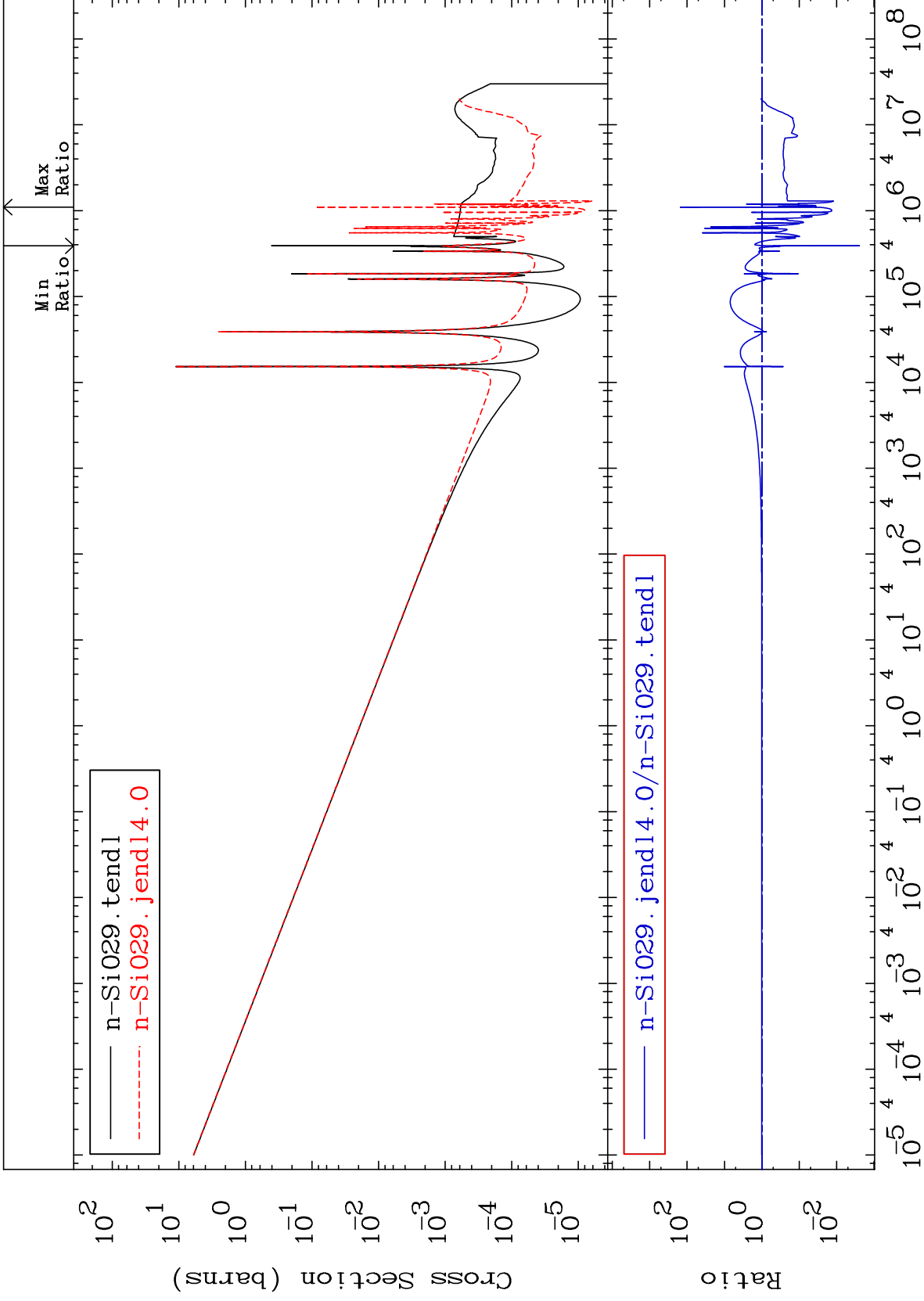
MAT 1428

(n, γ)

14-Si-29

Cross Section

-99.75 To 9999. %



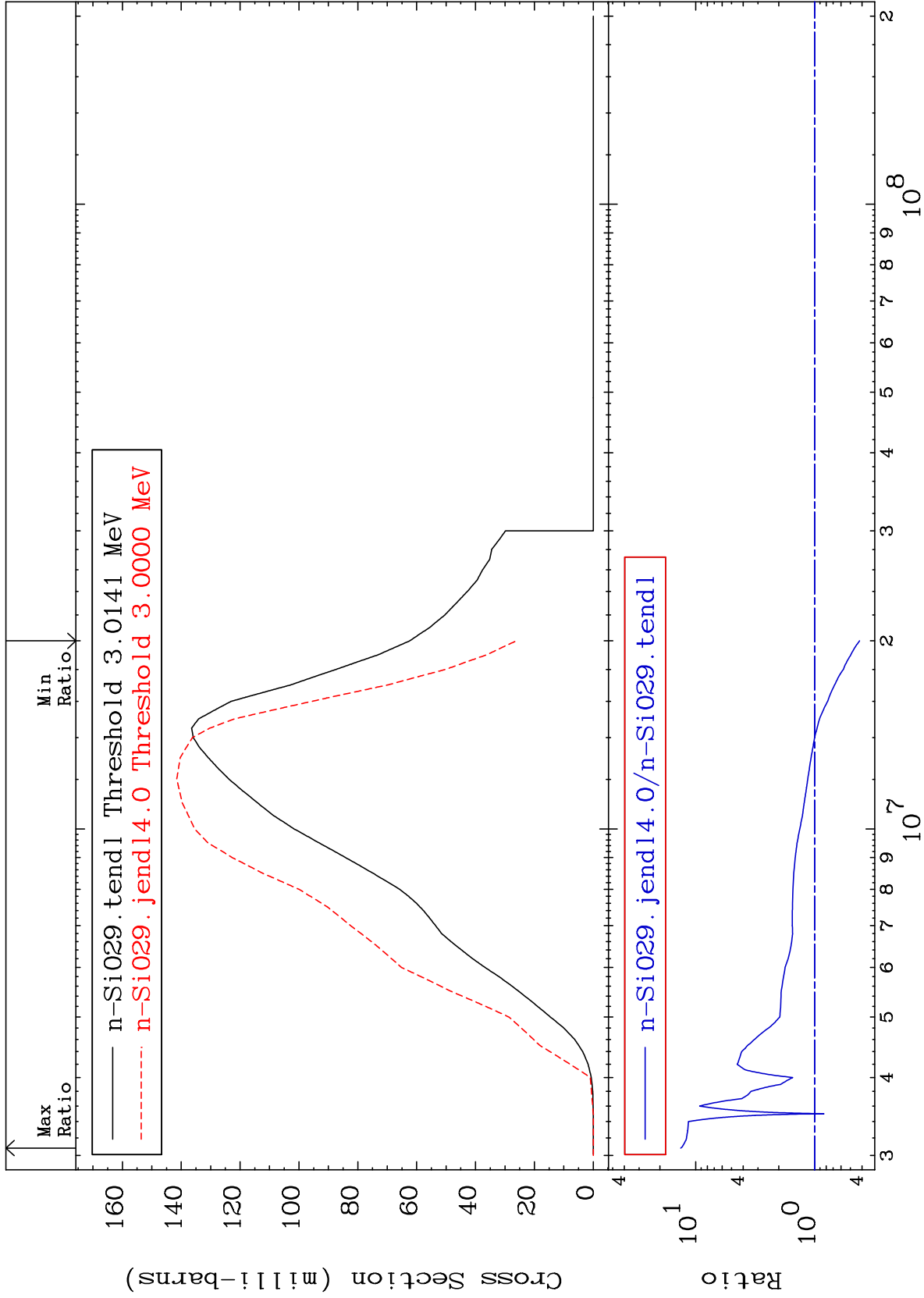
37

Incident Energy (eV)

14-Si-29

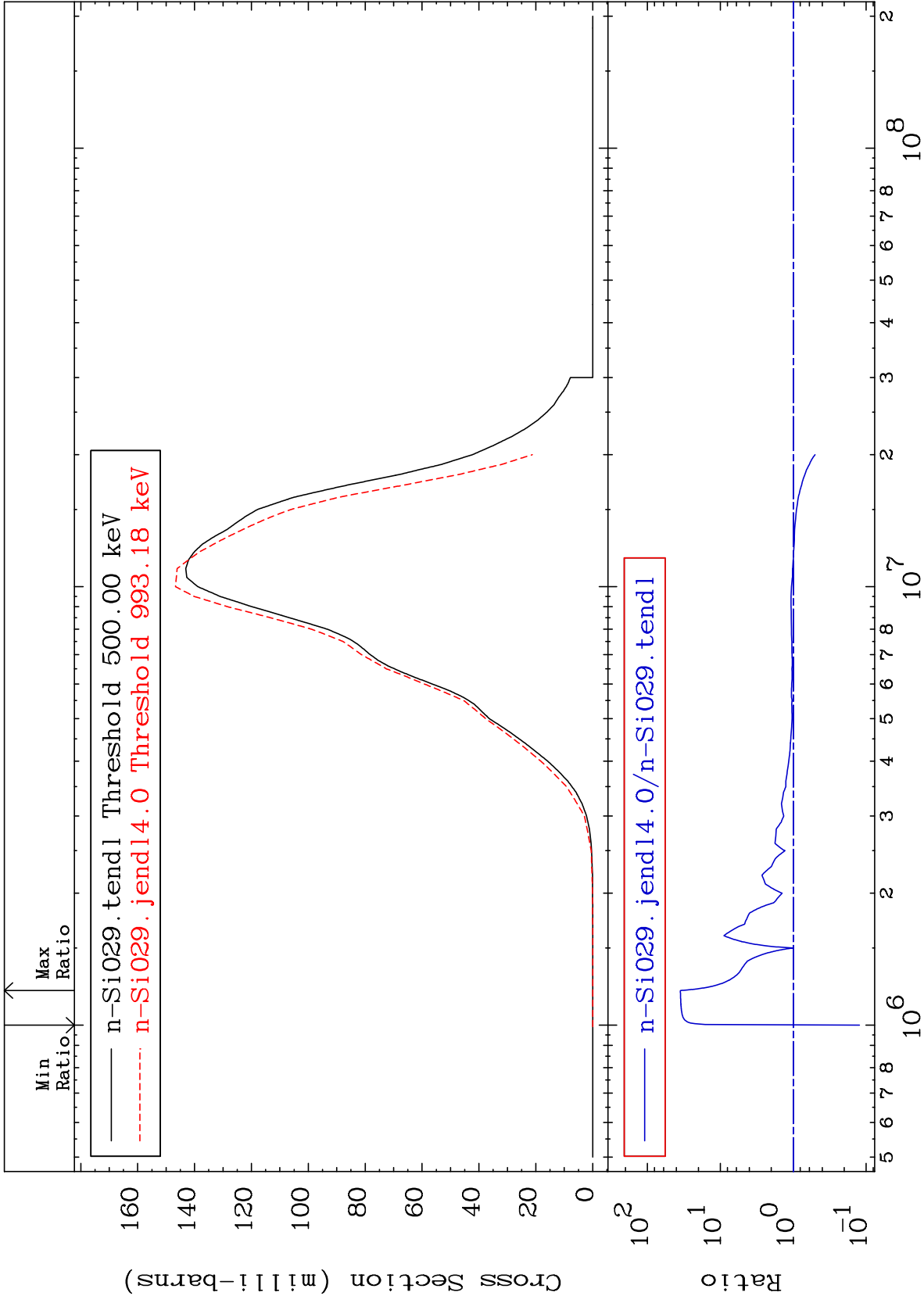
Cross Section

-58.10 To 1237. %



Cross Section

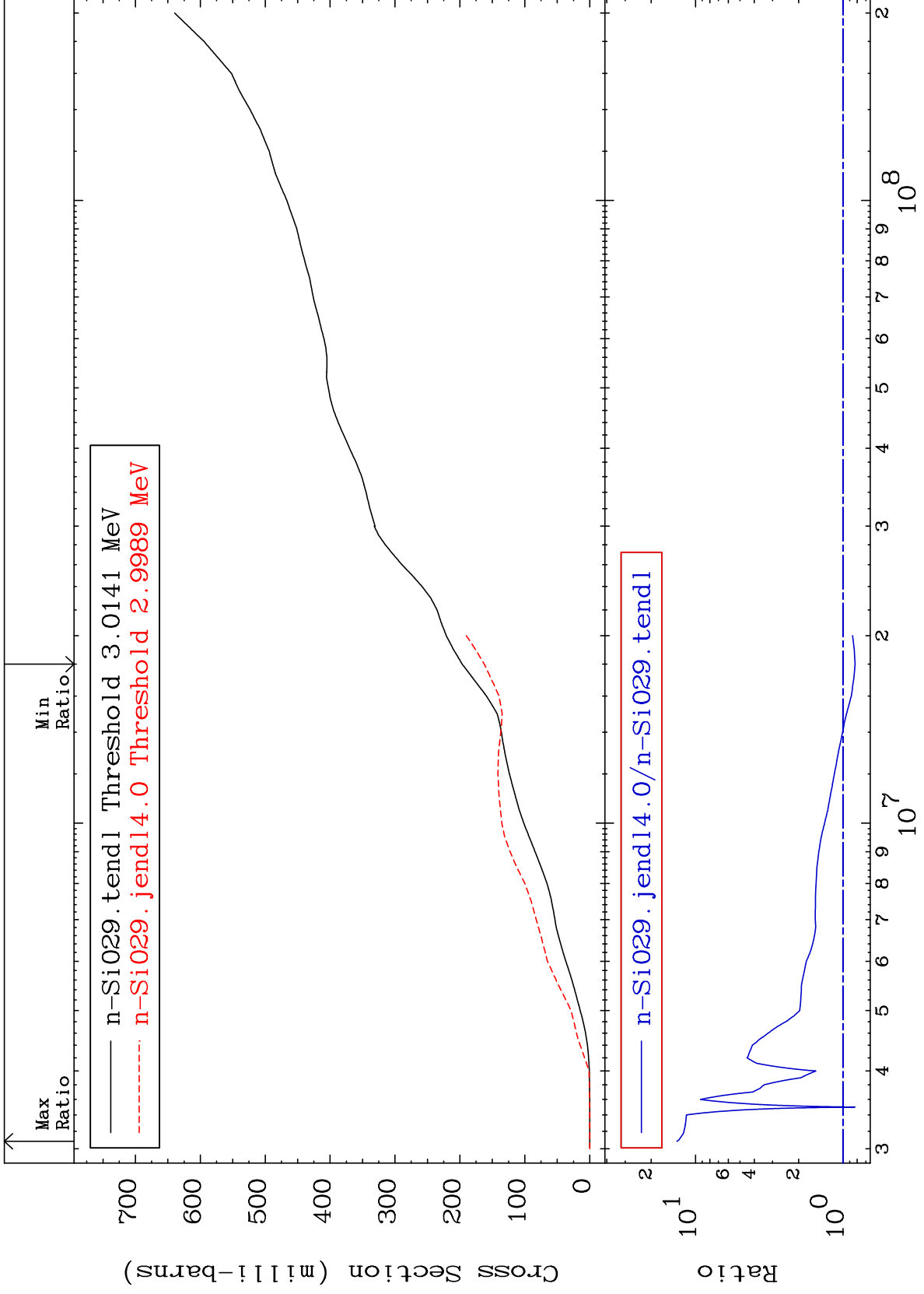
-87.64 To 3432. %



MAT 1428

Hydrogen Production
Cross Section

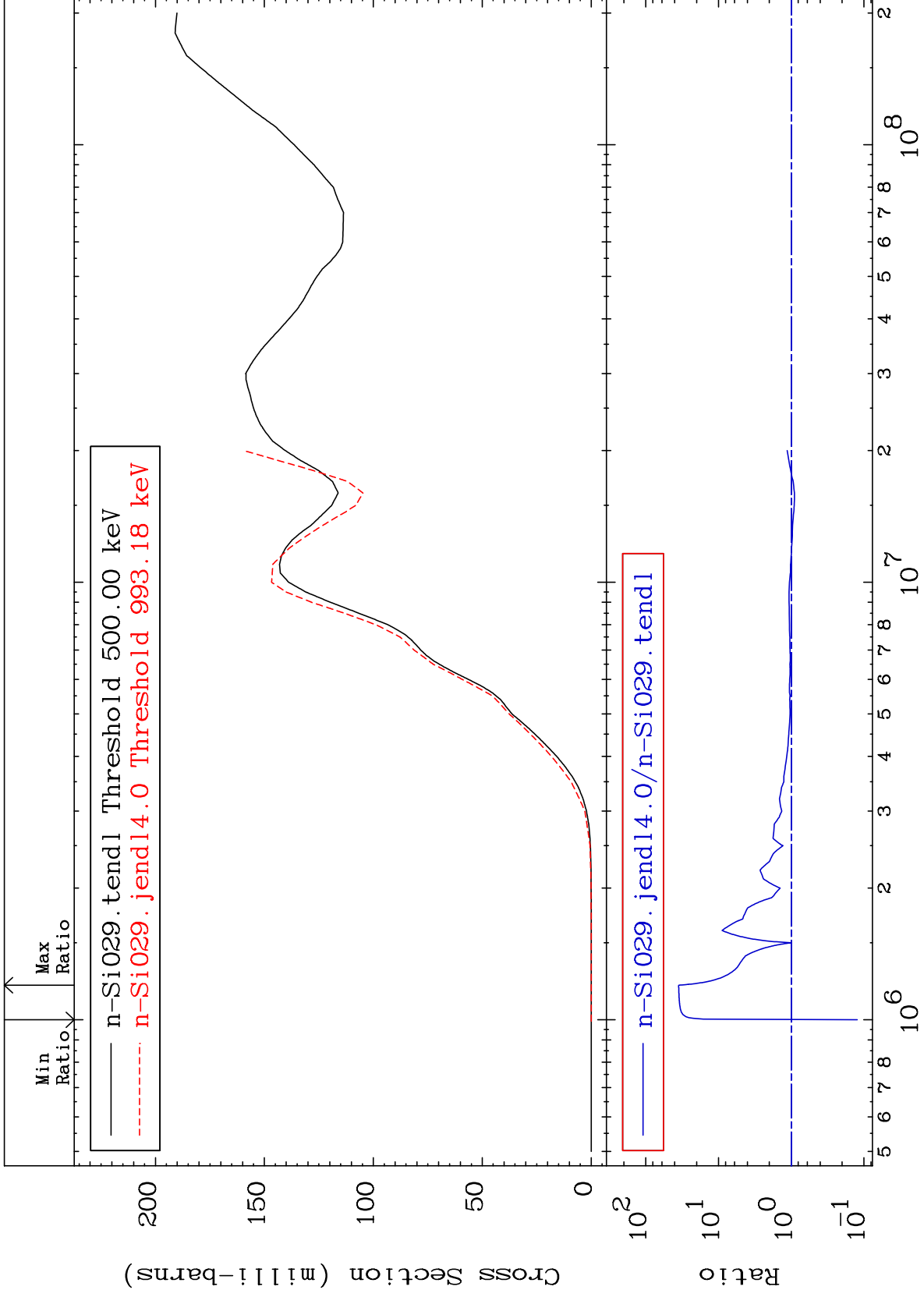
¹⁴Si-29
-17.27 To 1237. %

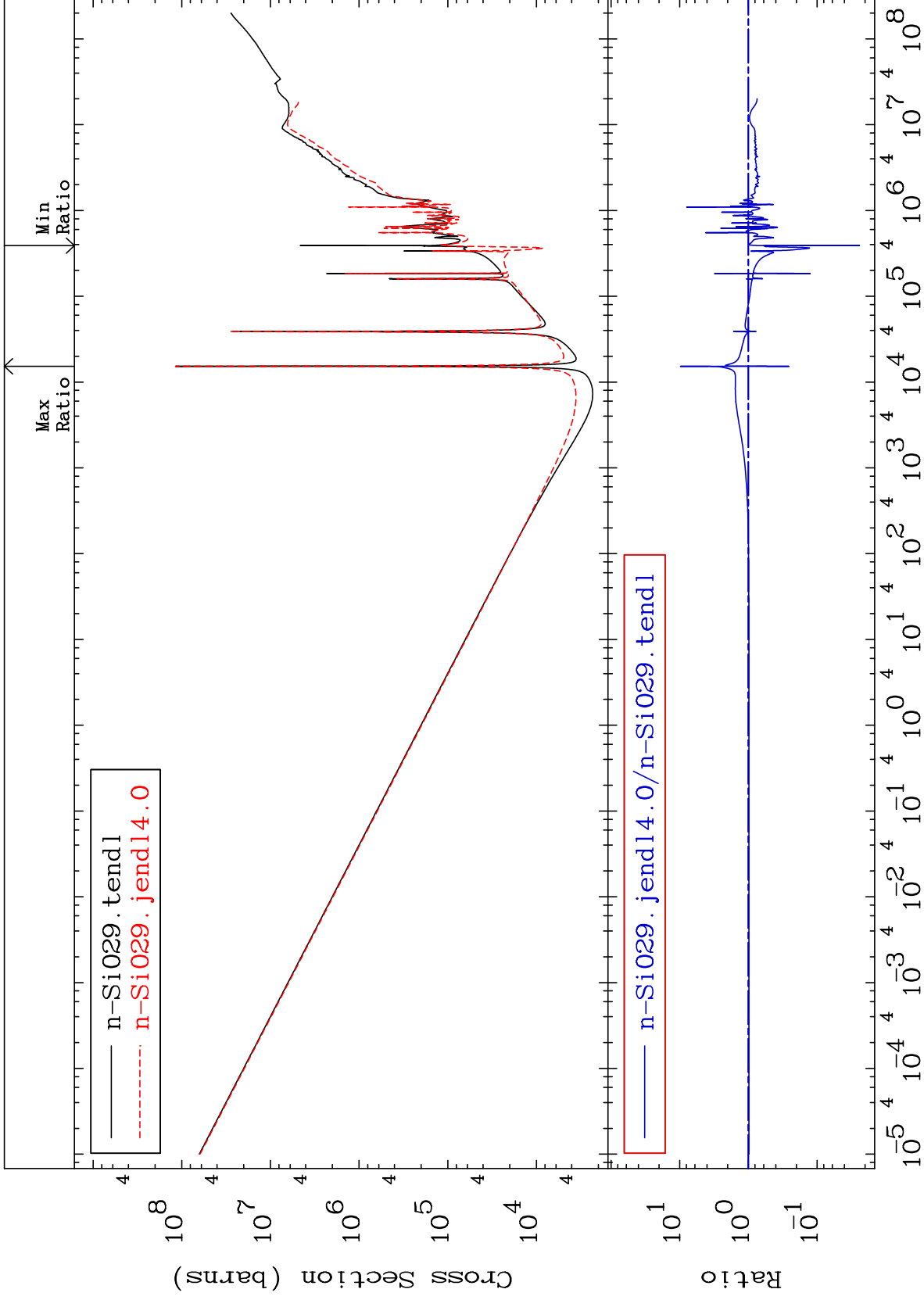


40

Incident Energy (eV)

¹⁴Si-29

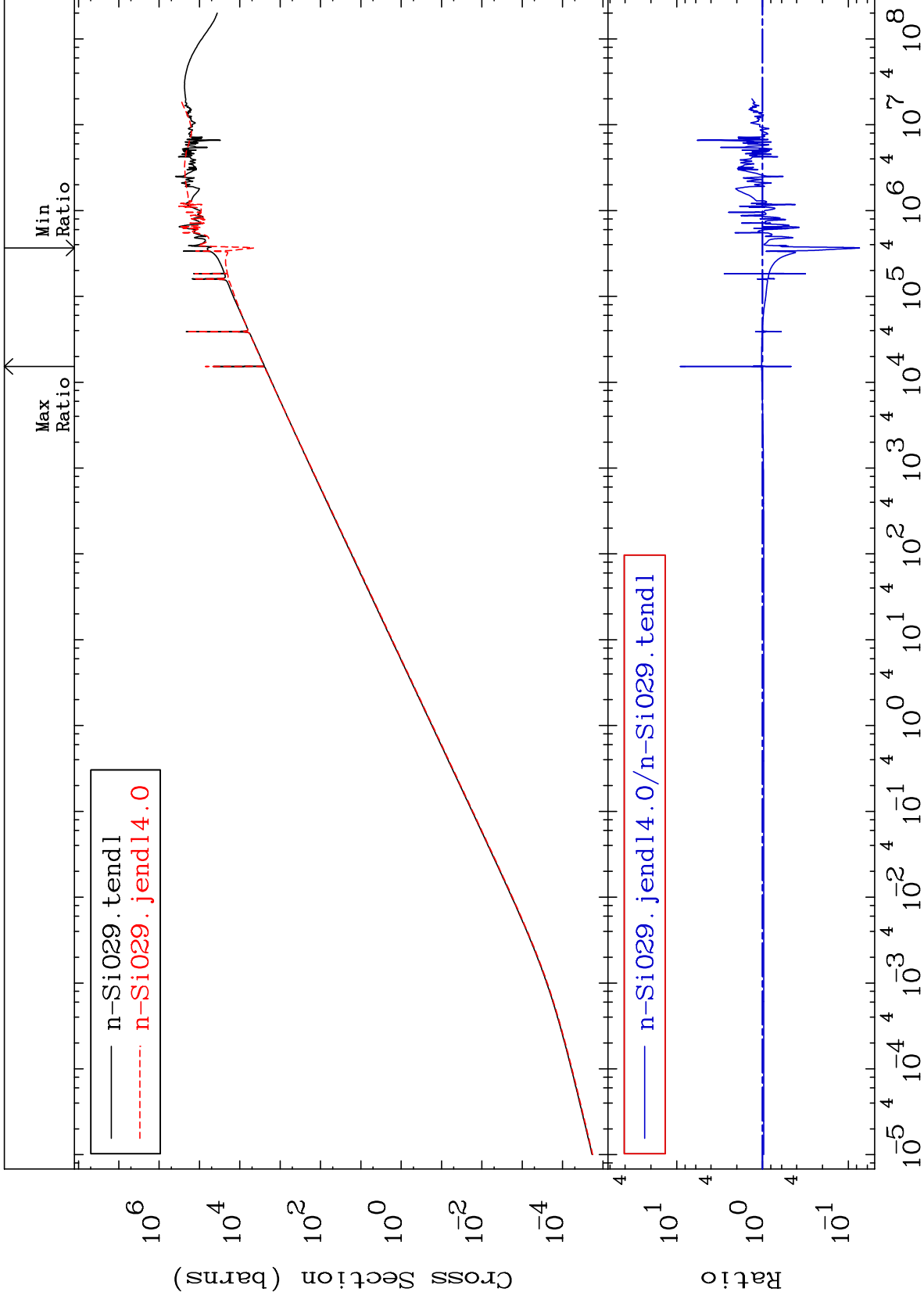


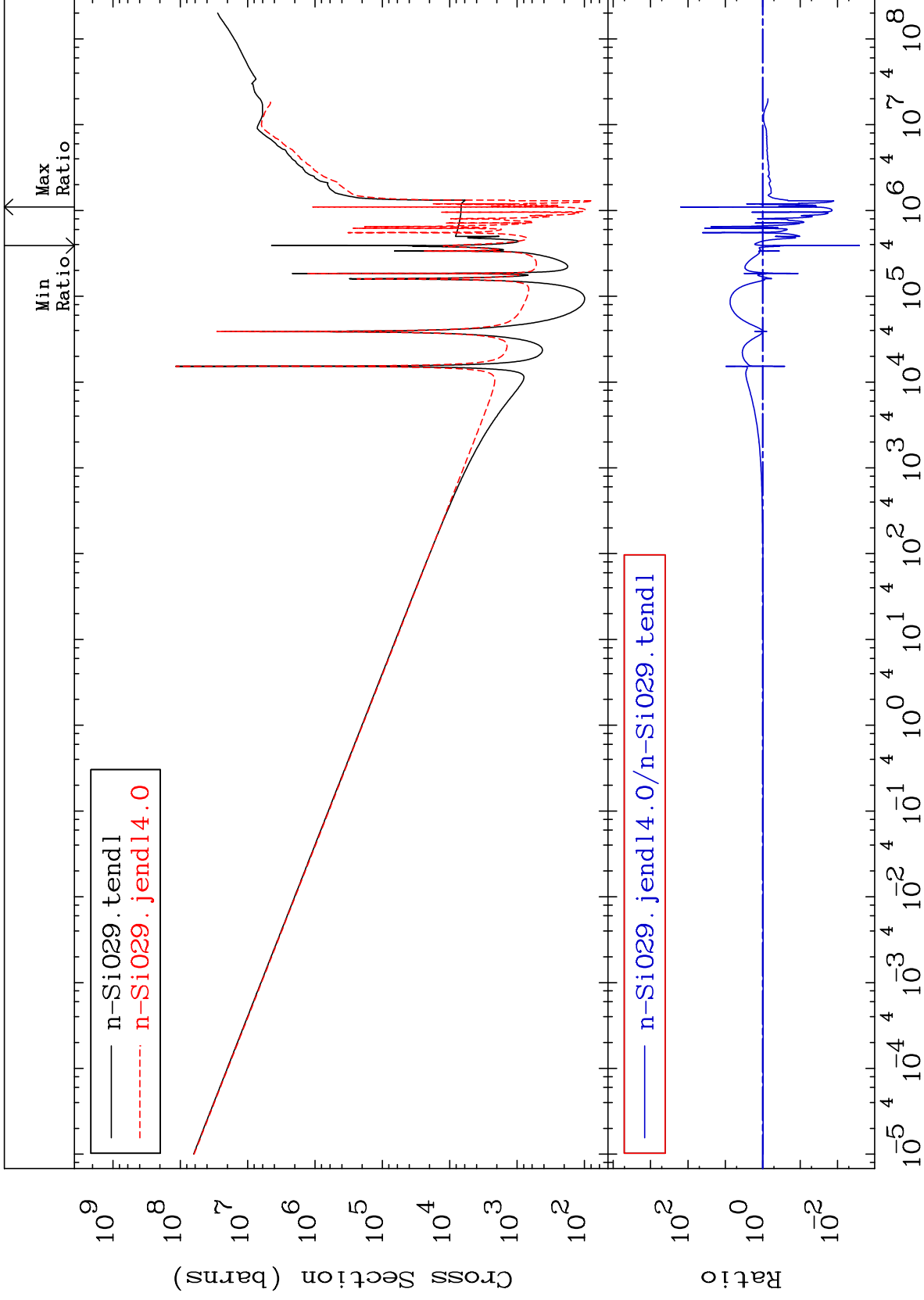


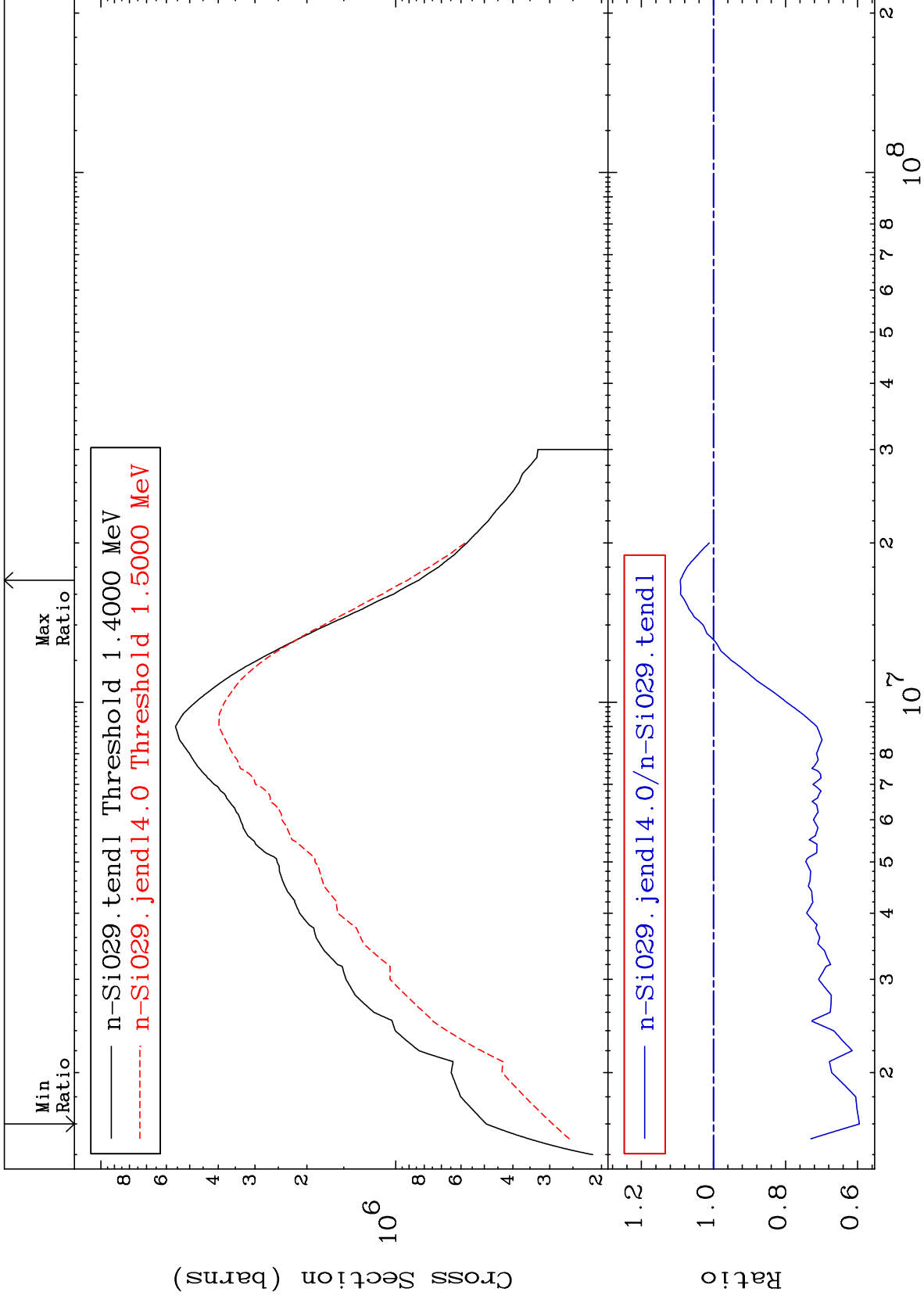
MAT 1428

Kerma elastic
Cross Section

14-Si-29
-92.58 To 808.6 %



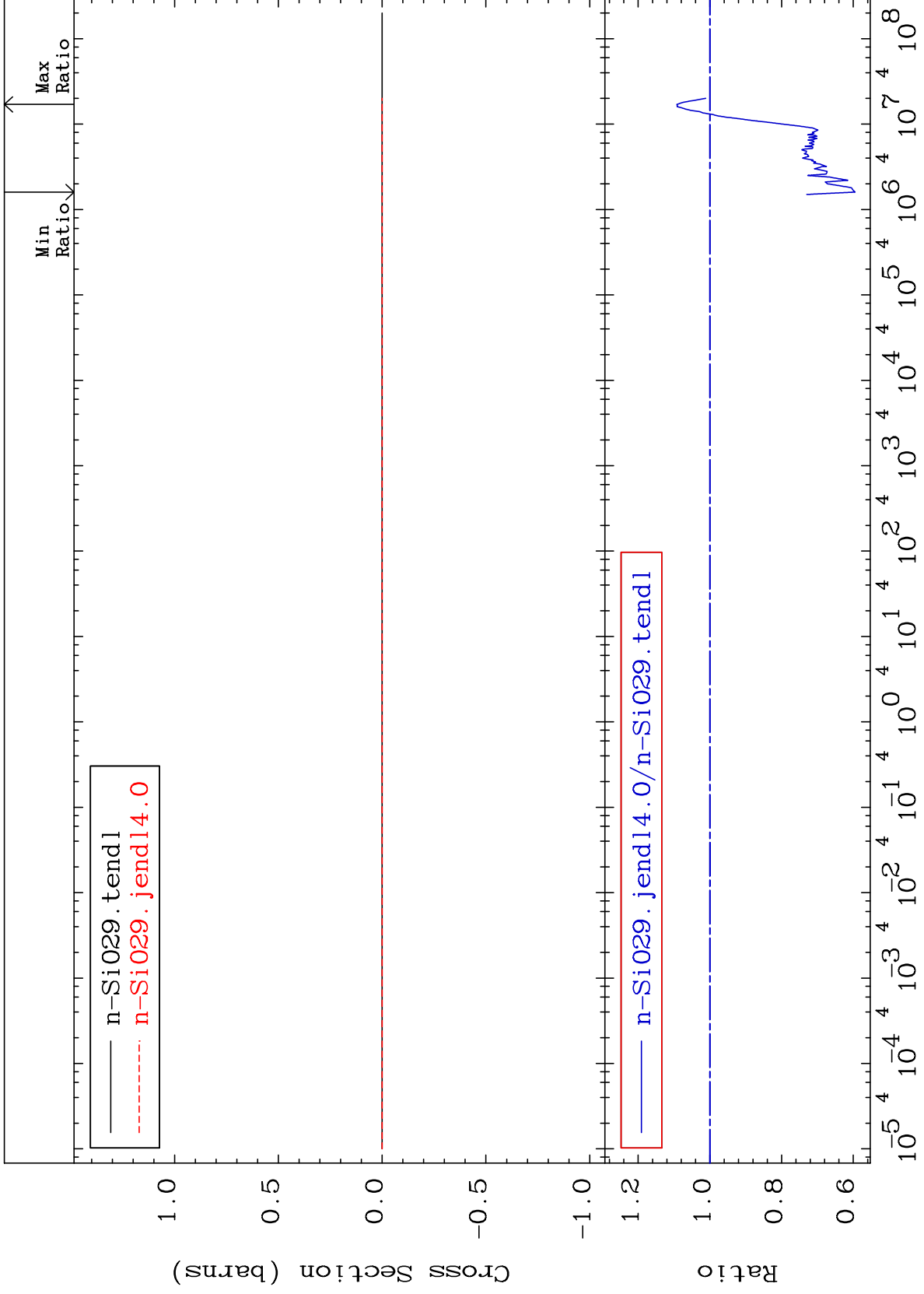




MAT 1428

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

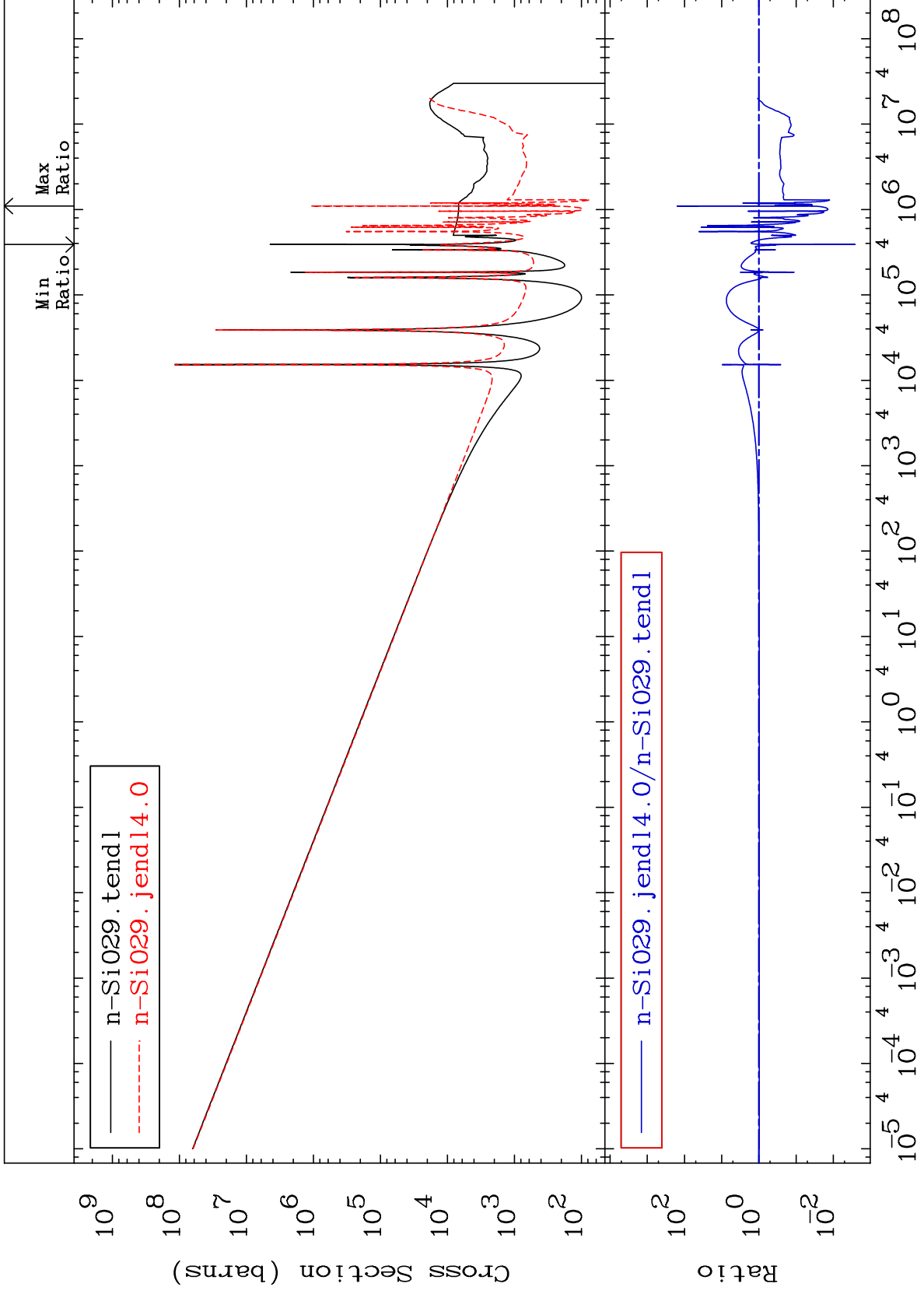
14-Si-29
-40.50 To 9.195 %



MAT 1428

Kerma capture (mt102)
Cross Section

14-Si-29
-99.74 To 9999. %



47

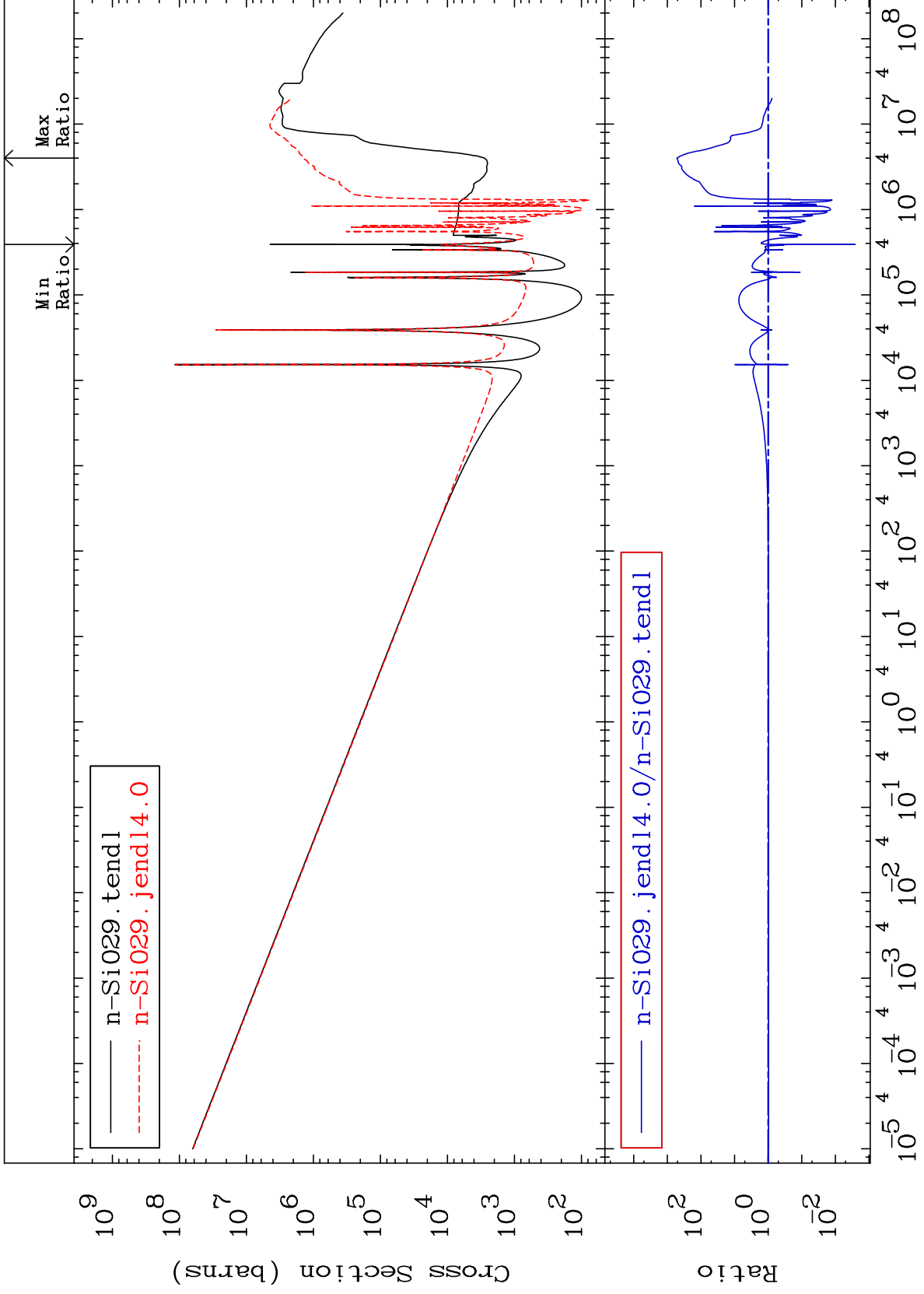
Incident Energy (eV)

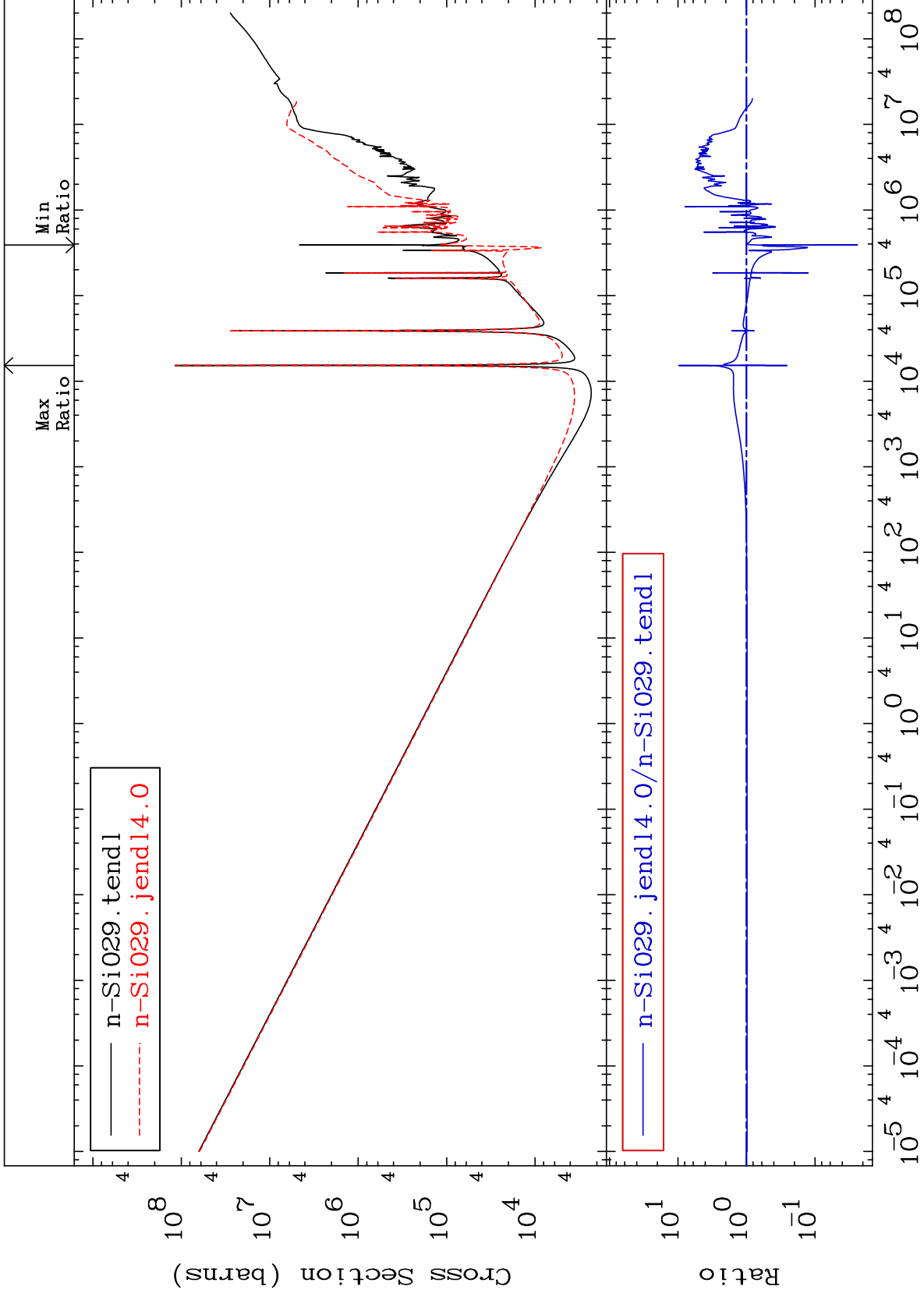
14-Si-29

MAT 1428

Total photon (eV-barns)
Cross Section

14-Si-29
-99.74 To 9999. %

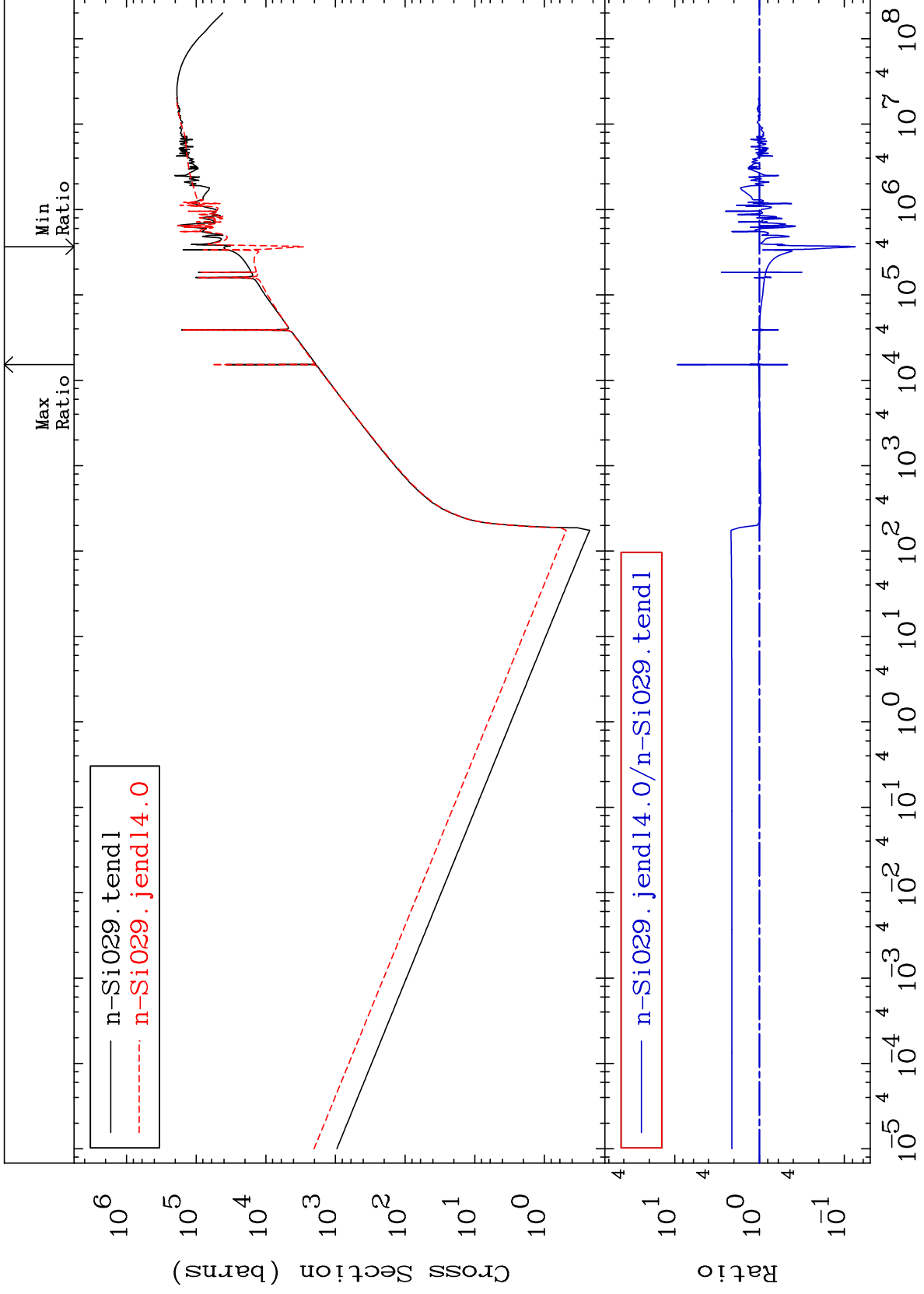


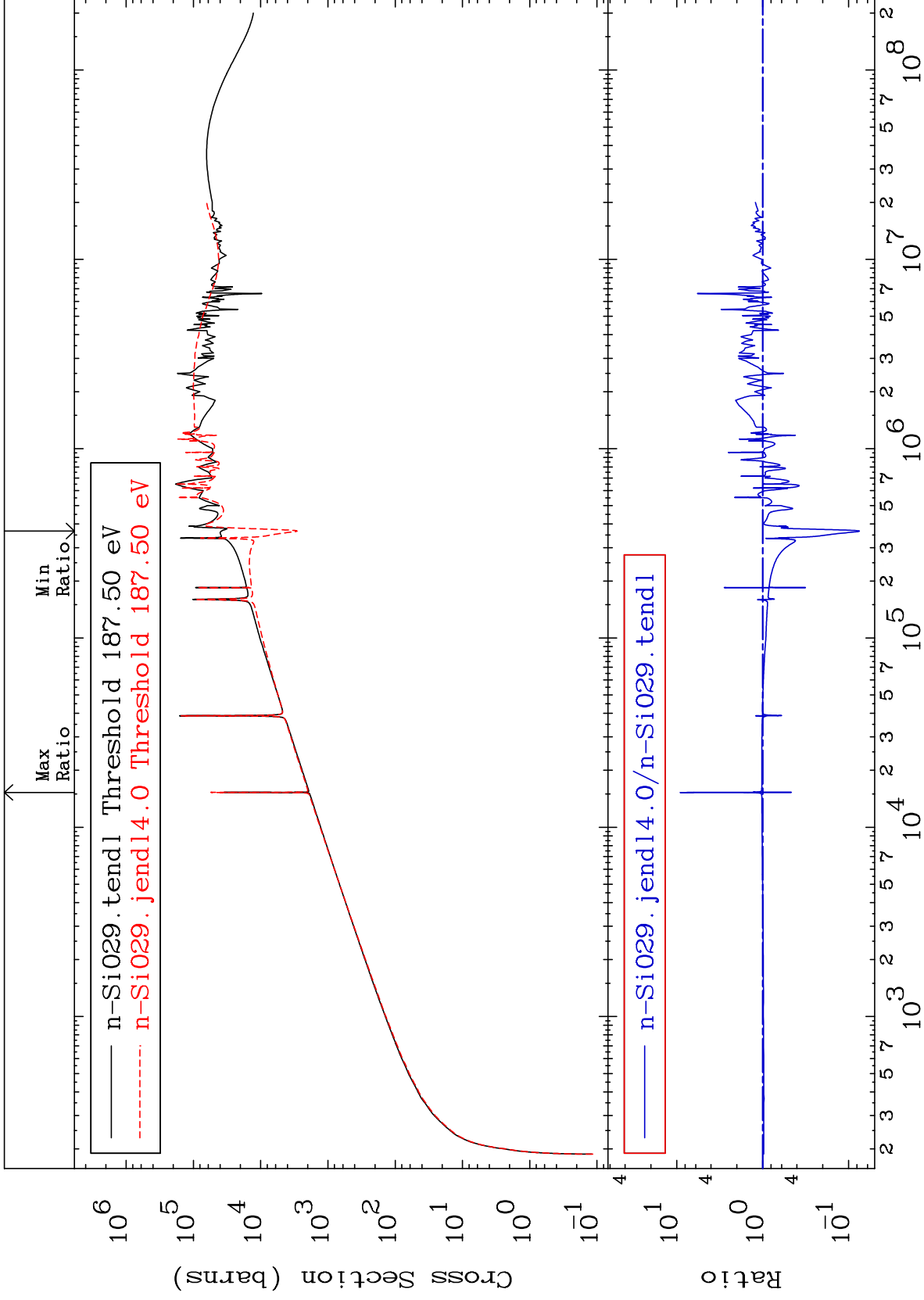


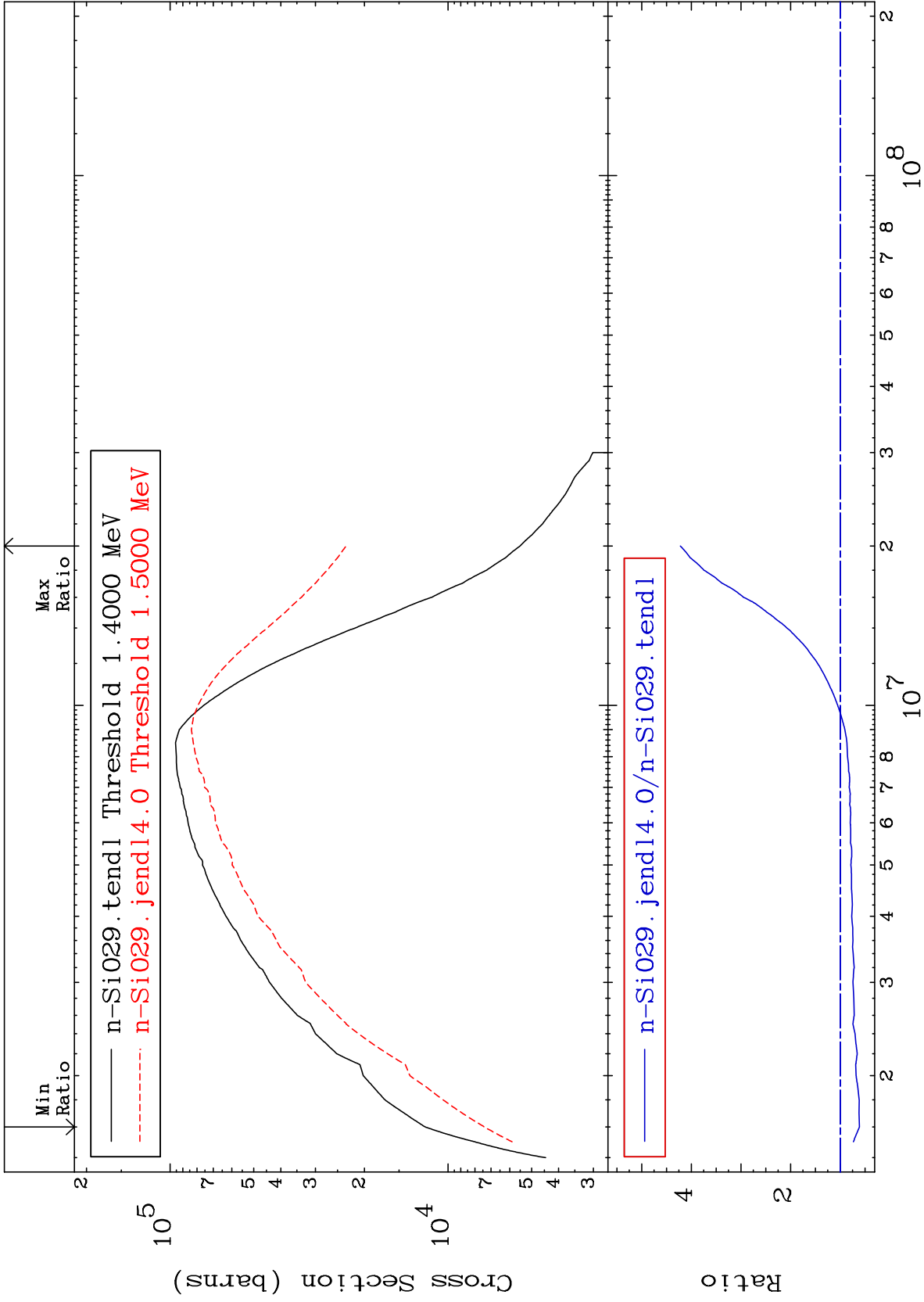
MAT 1428

Dpa total (eV-barns)
Cross Section

14-Si-29
-92.54 To 842.6 %







MAT 1428

Dpa disappearance (mt102 -120)
Cross Section

14-Si-29
-99.39 To 9999. %

