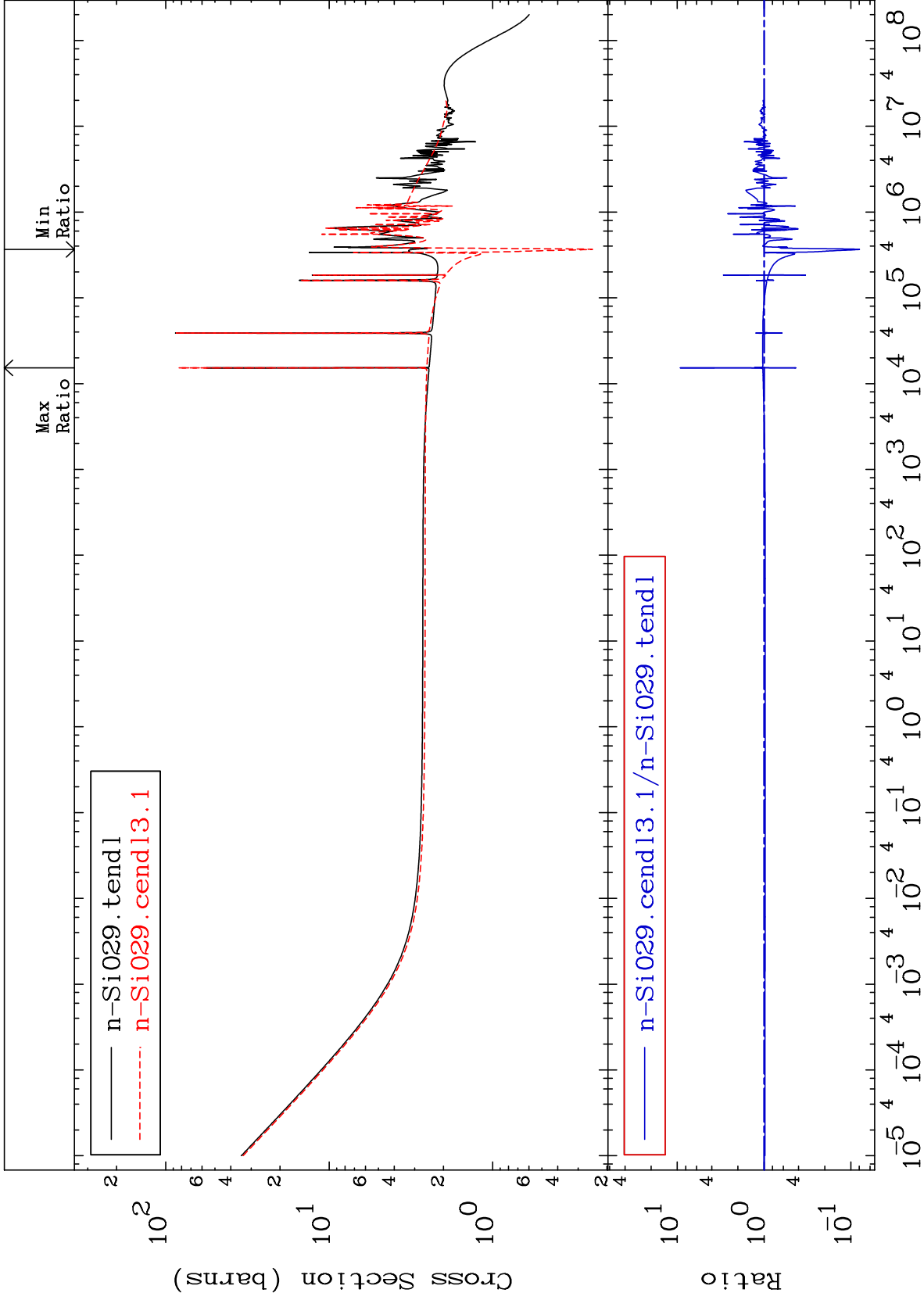


MAT 1428

Total
Cross Section

14-Si-29
-92.03 To 821.3 %



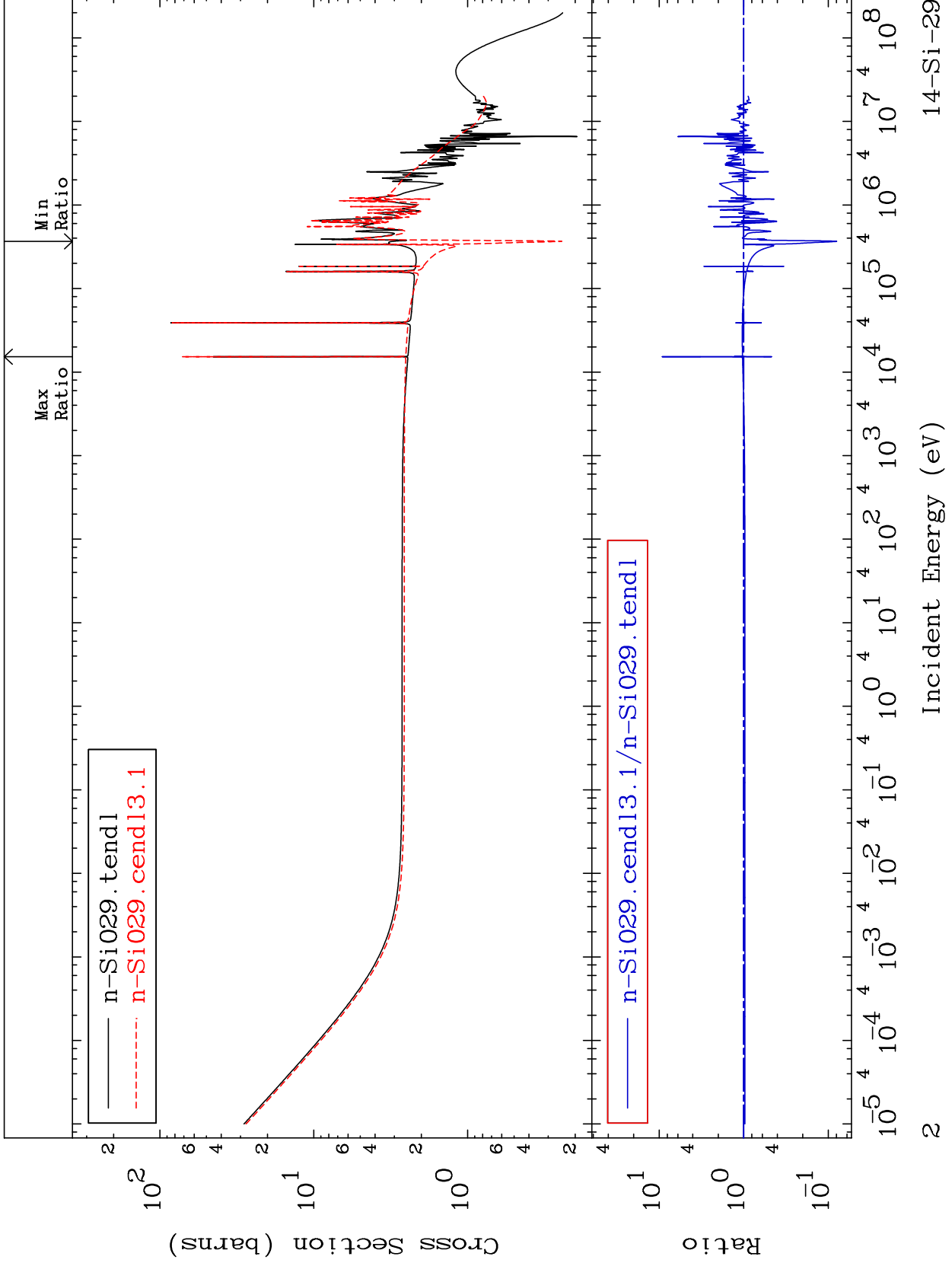
Incident Energy (eV)

14-Si-29

MAT 1428

Elastic
Cross Section

14-Si-29
-92.05 To 816.8 %

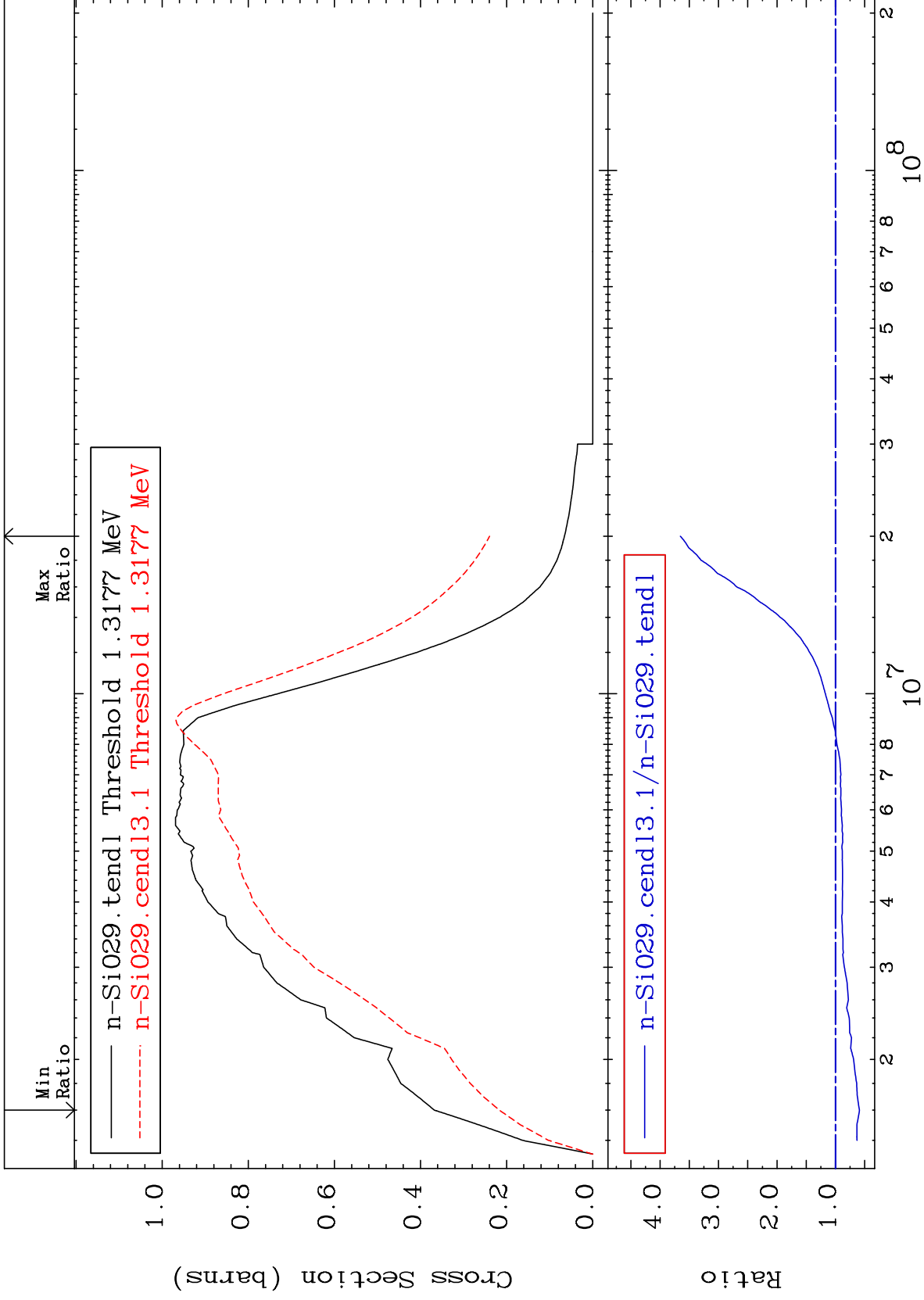


14-Si-29

MAT 1428

Inelastic
Cross Section

14-Si-29
-41.00 To 265.3 %



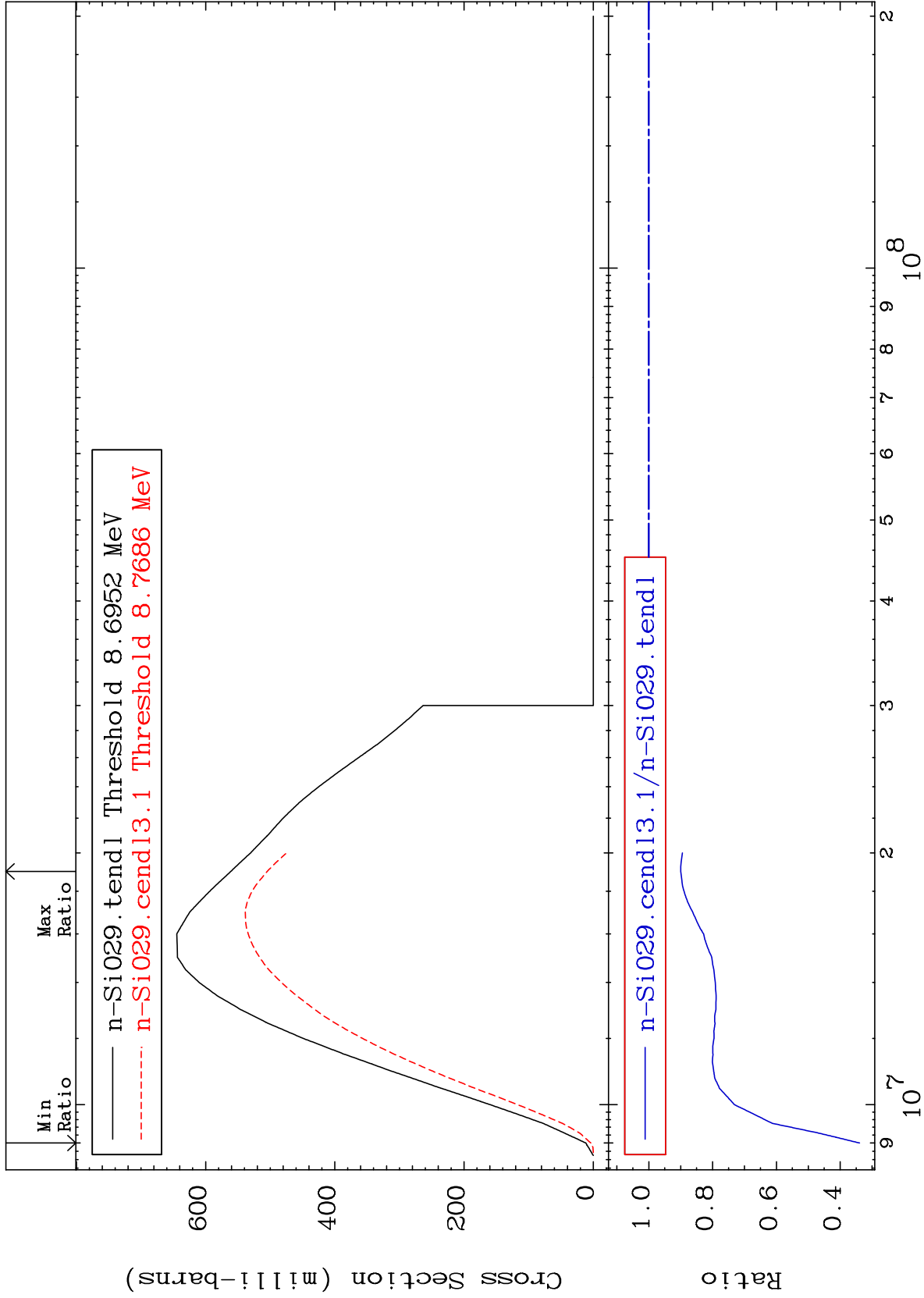
MAT 1428

(n,2n)

14-Si-29

Cross Section

-66.07 To -10.02%



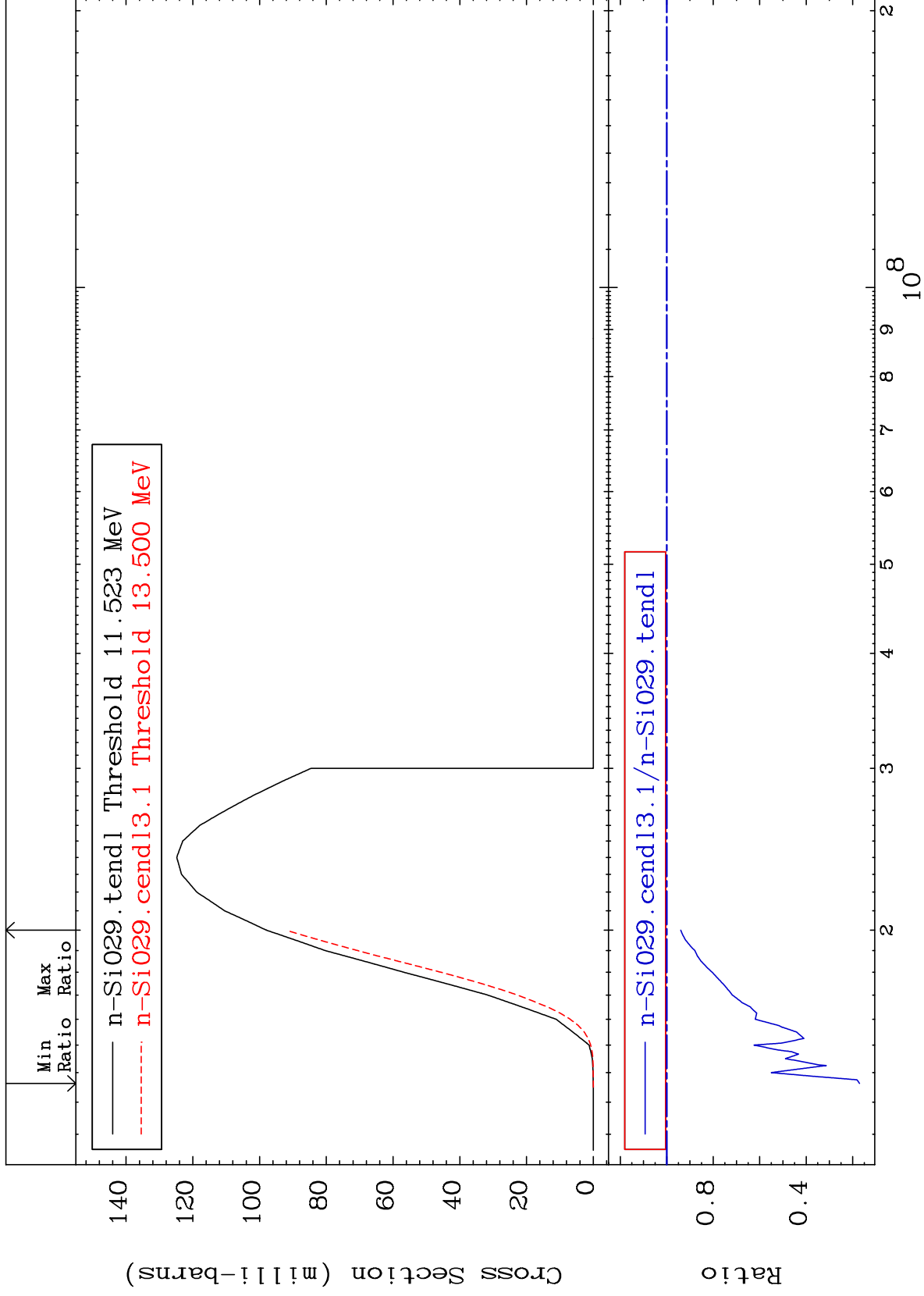
Incident Energy (eV)

14-Si-29

MAT 1428

(n, n') α
Cross Section

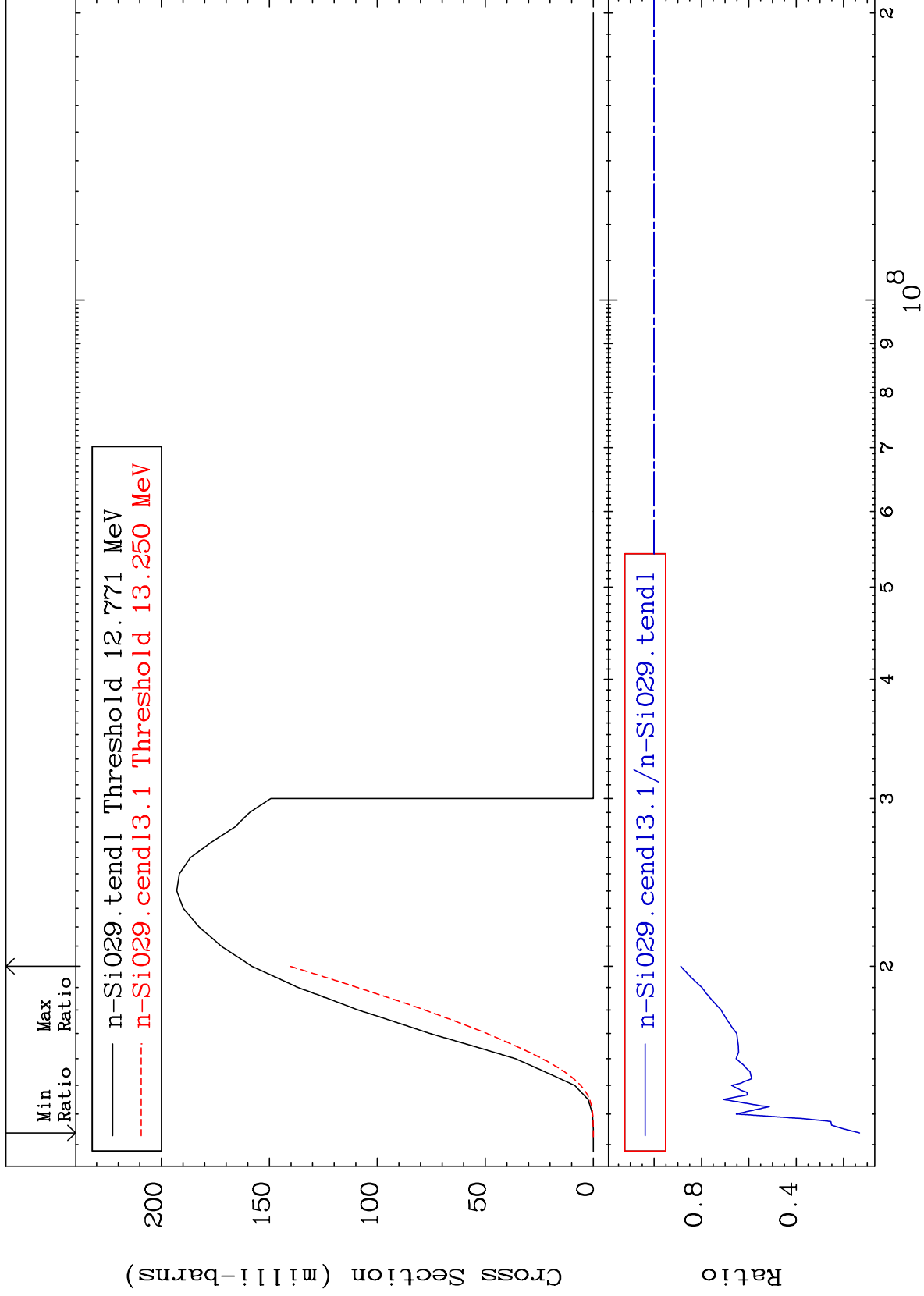
¹⁴Si-29
-82.96 To -6.038%



MAT 1428

(n, n') p
Cross Section

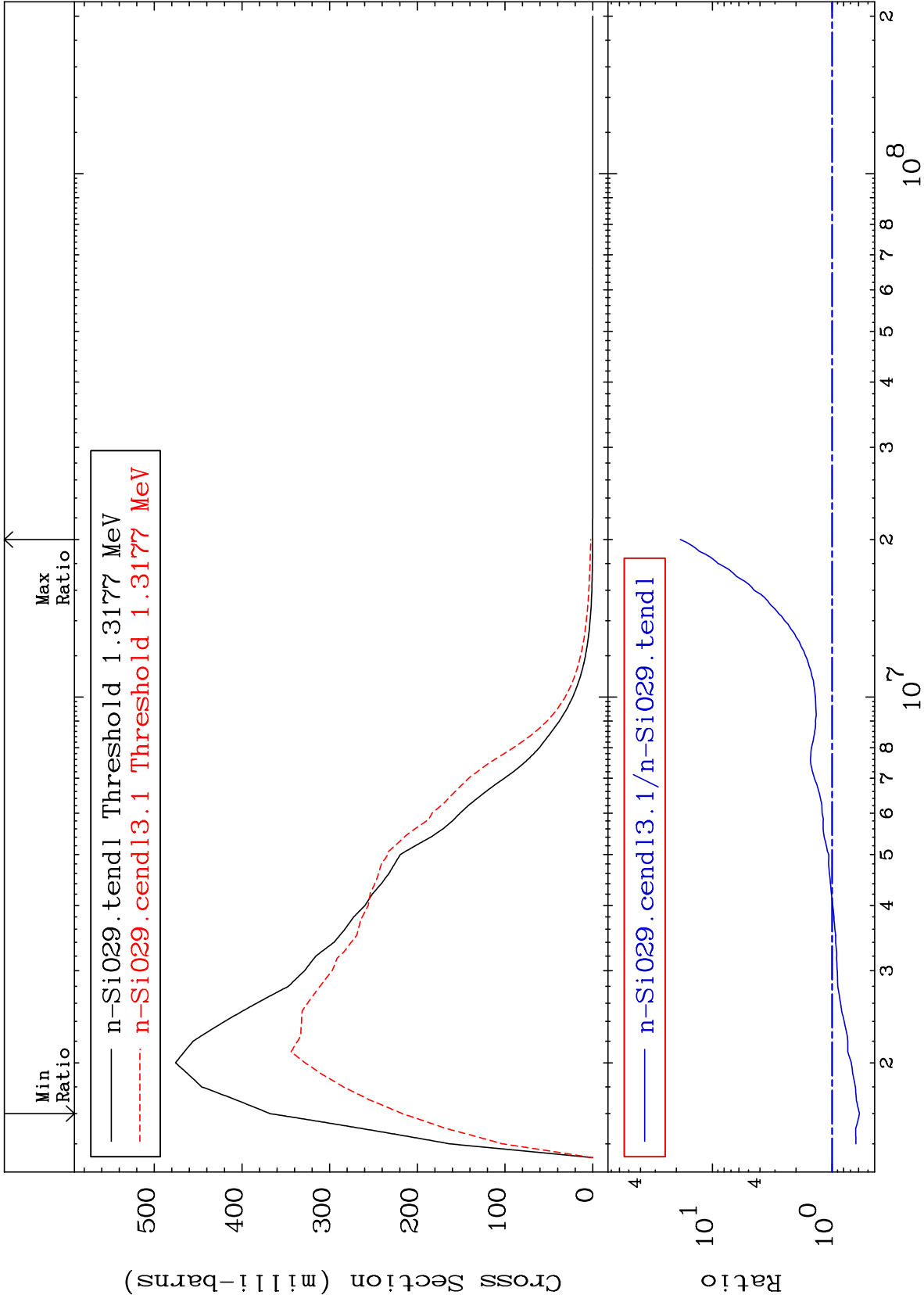
¹⁴Si-29
-86.73 To -11.28%



MAT 1428

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

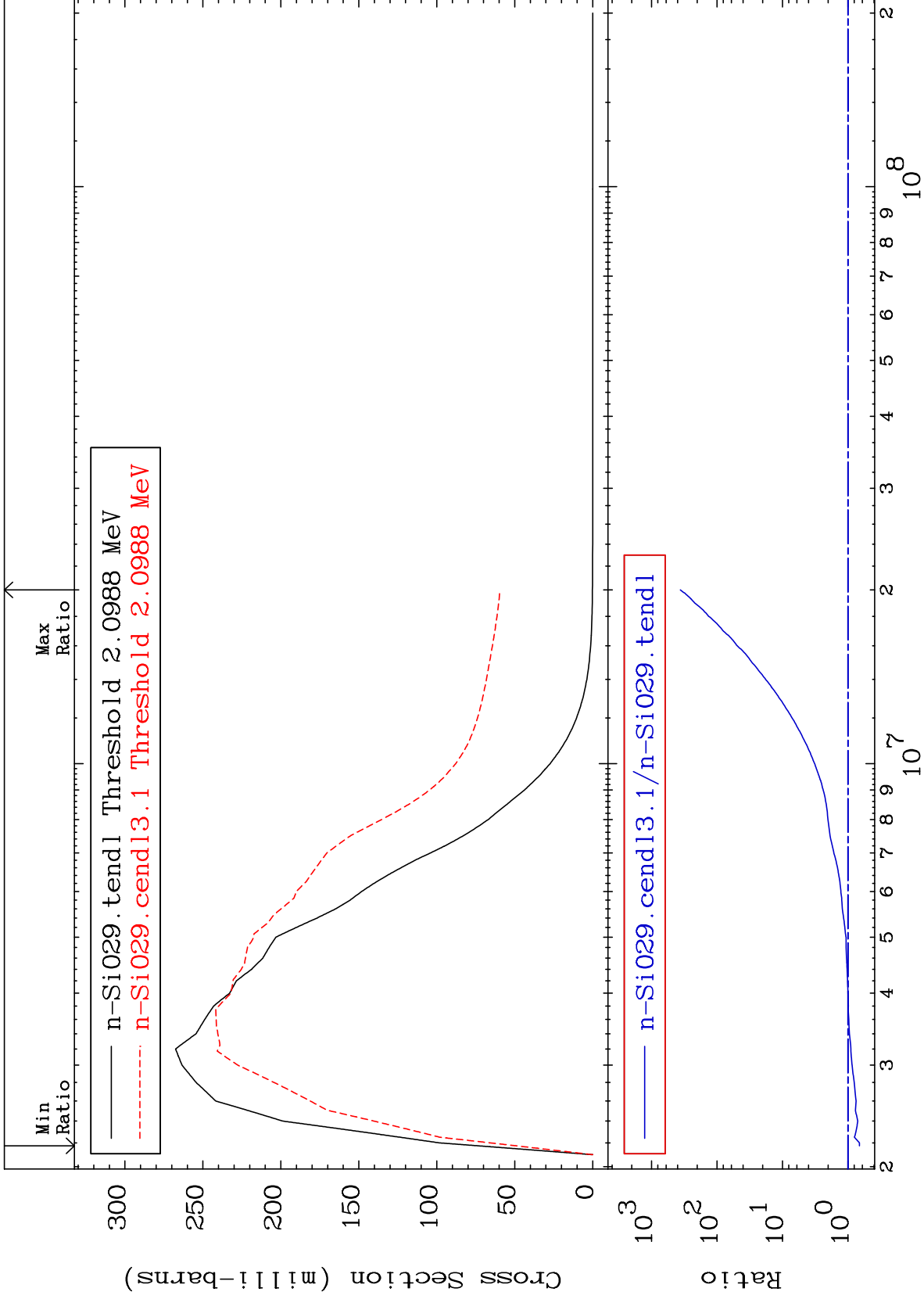
14-Si-29
-41.00 To 1755. %



MAT 1428

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

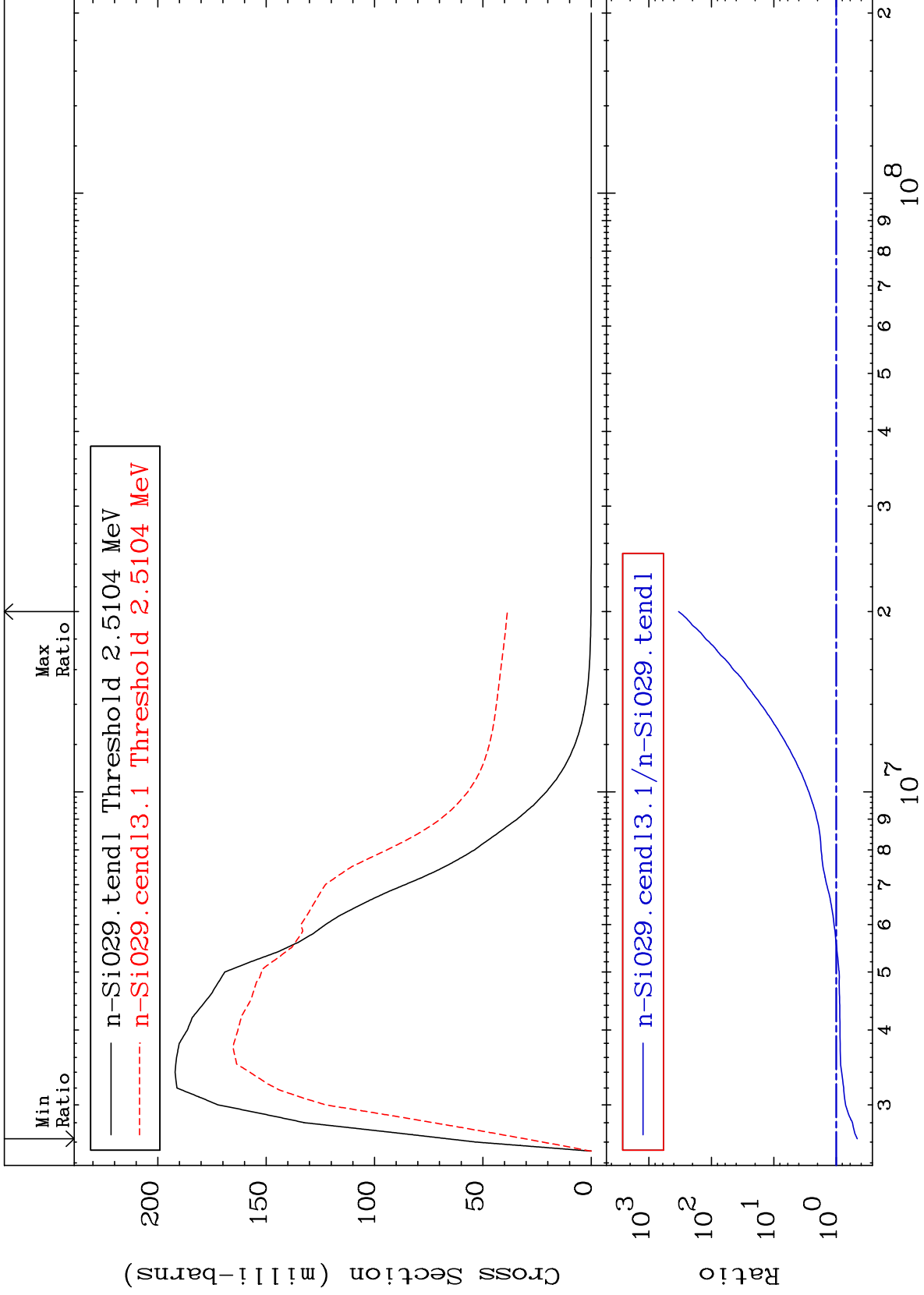
14-Si-29
-33.34 To 9999. %



MAT 1428

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

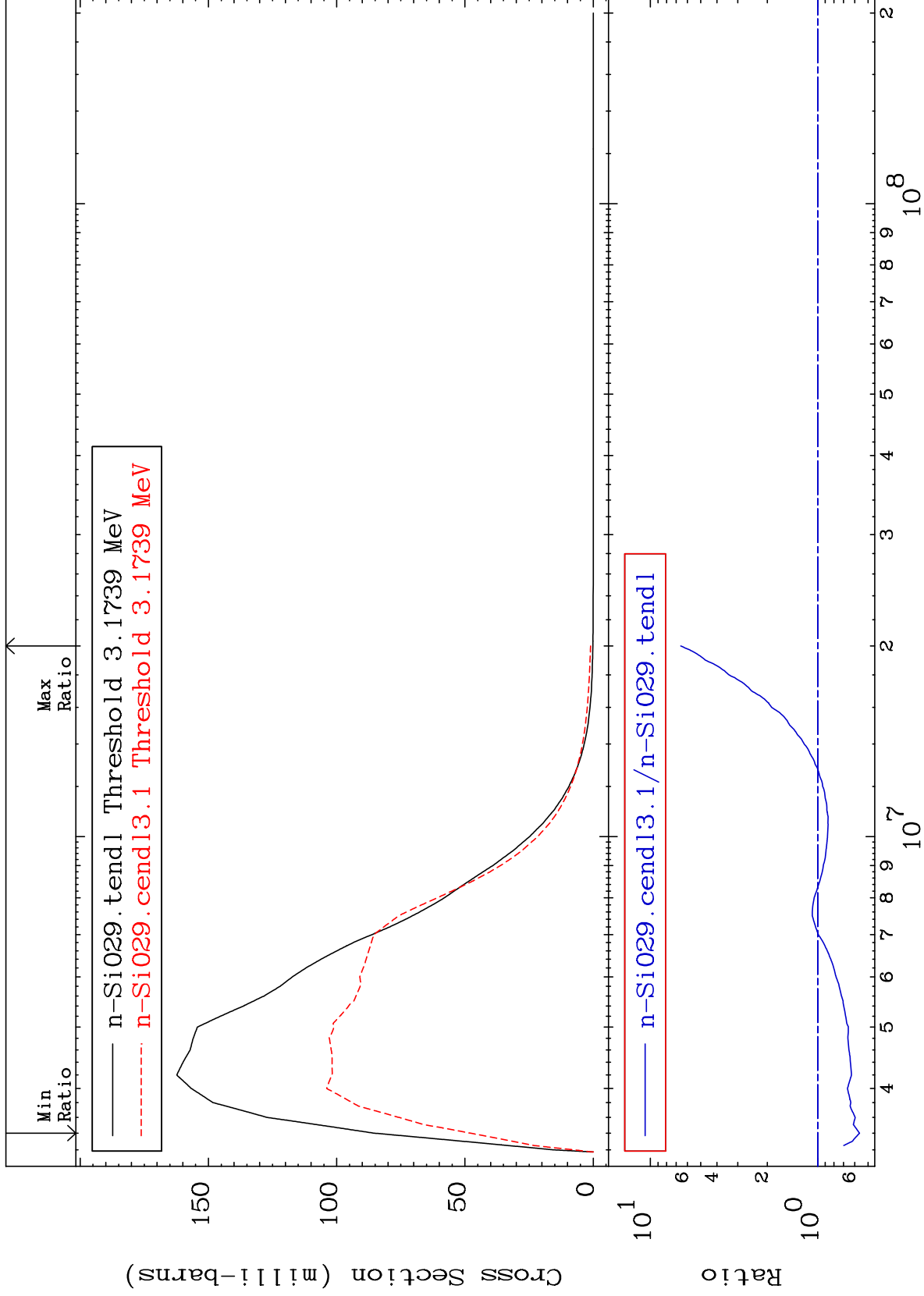
14-Si-29
-53.78 To 9999. %



MAT 1428

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

14-Si-29
-43.82 To 557.5 %



10

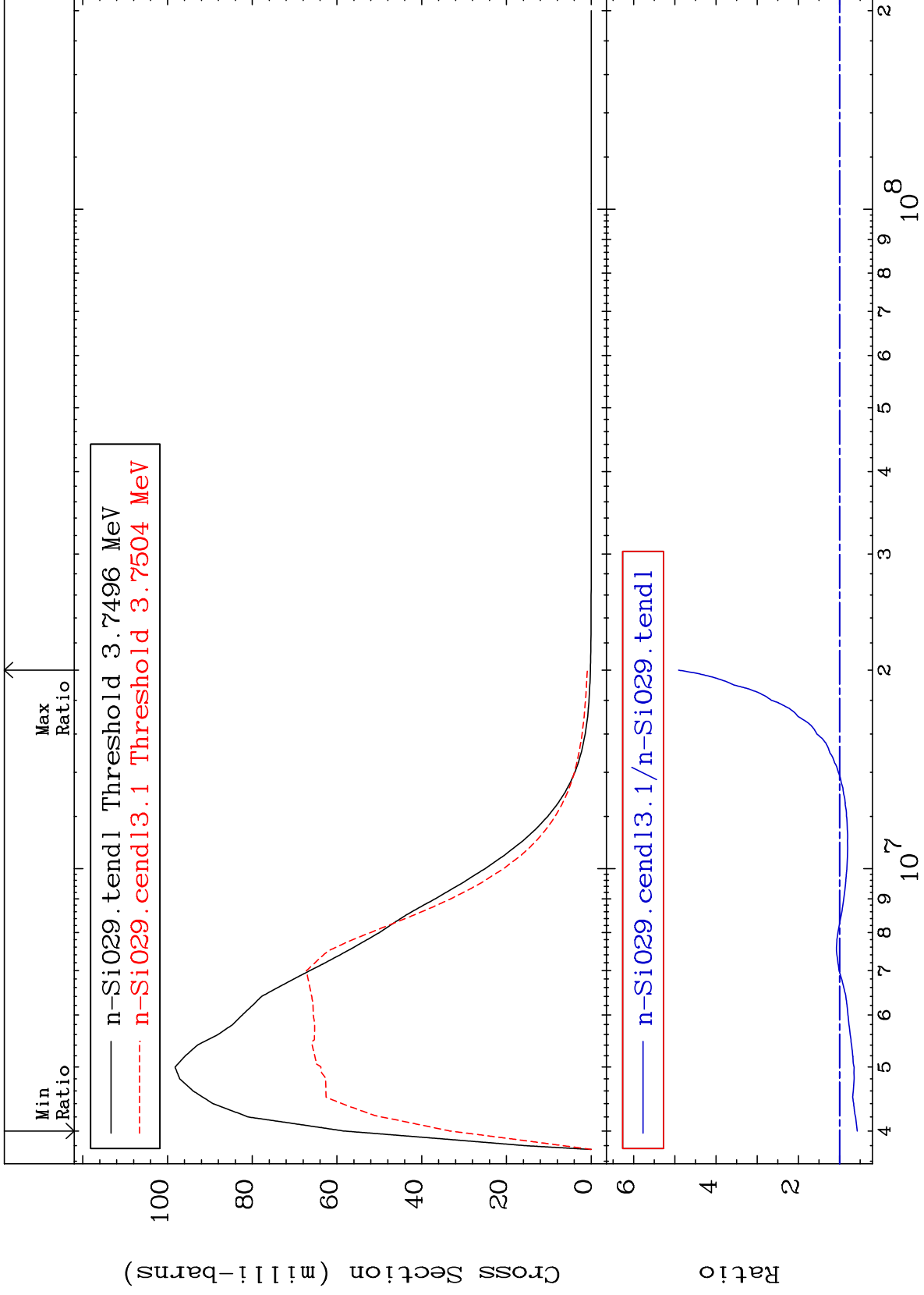
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-42.85 To 390.8 %



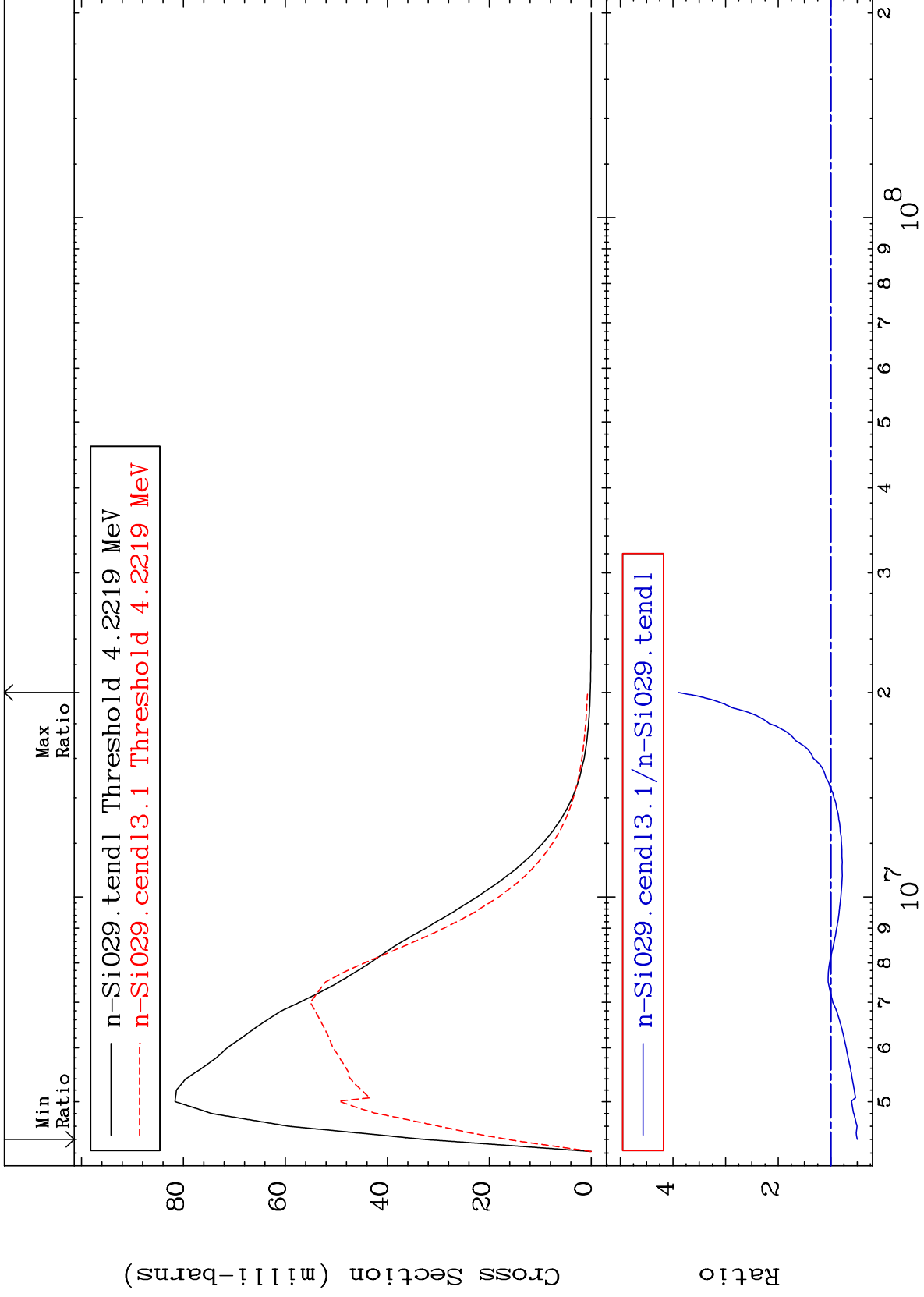
11

14-Si-29

MAT 1428

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

14-Si-29
-50.18 To 289.1 %



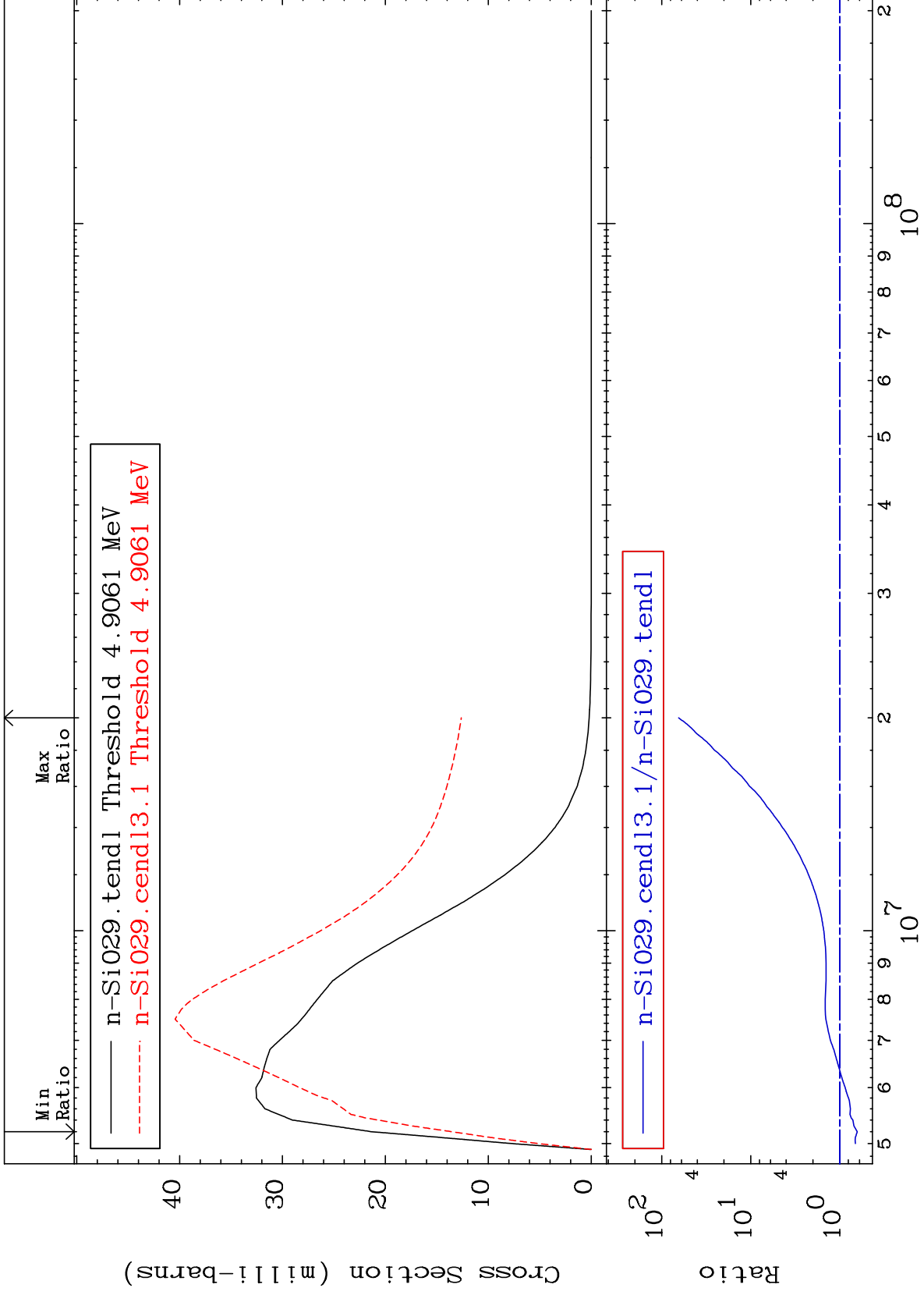
12

14-Si-29

MAT 1428

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

14-Si-29
-36.42 To 6368. %



13

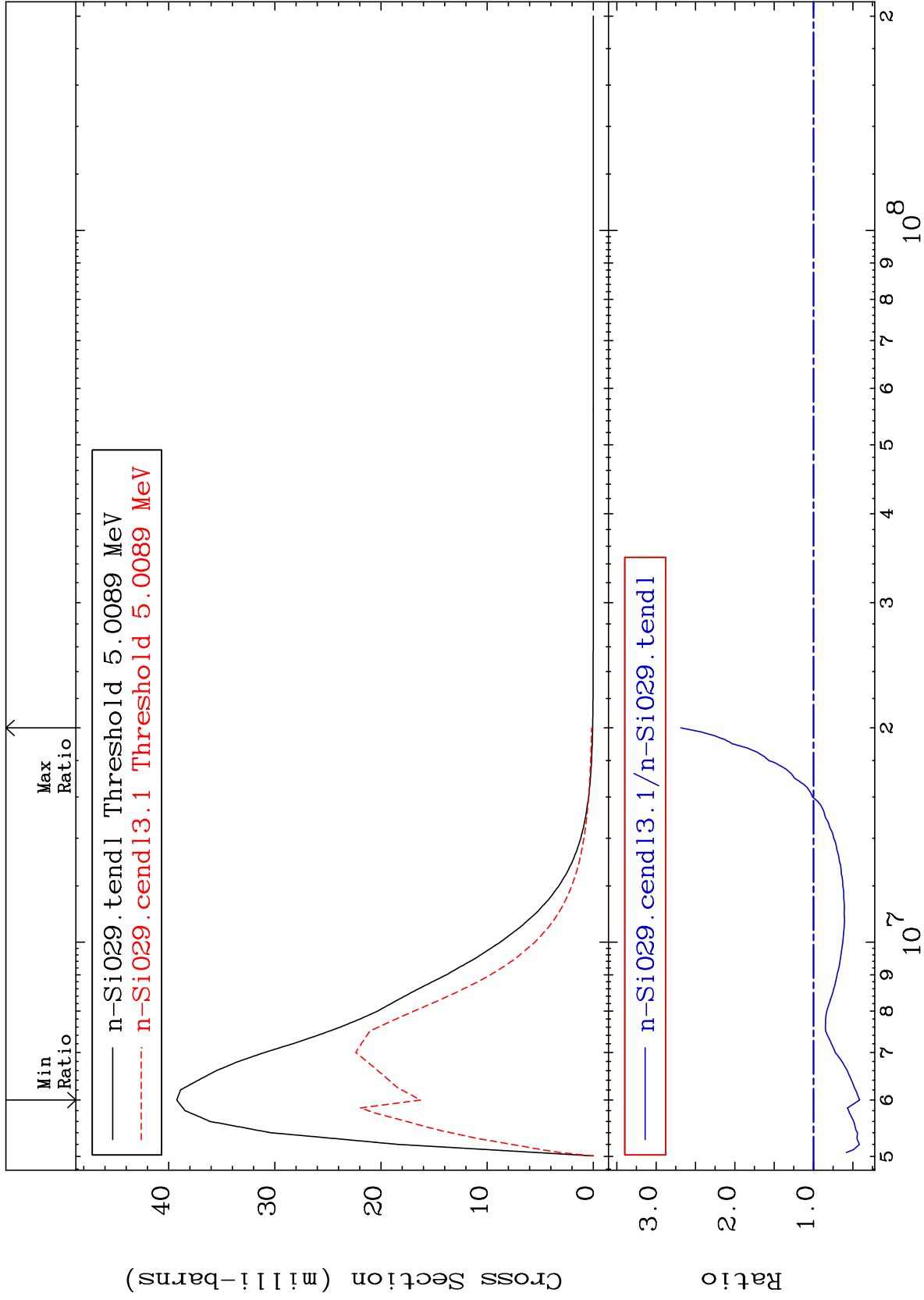
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-58.55 To 168.7 %



14

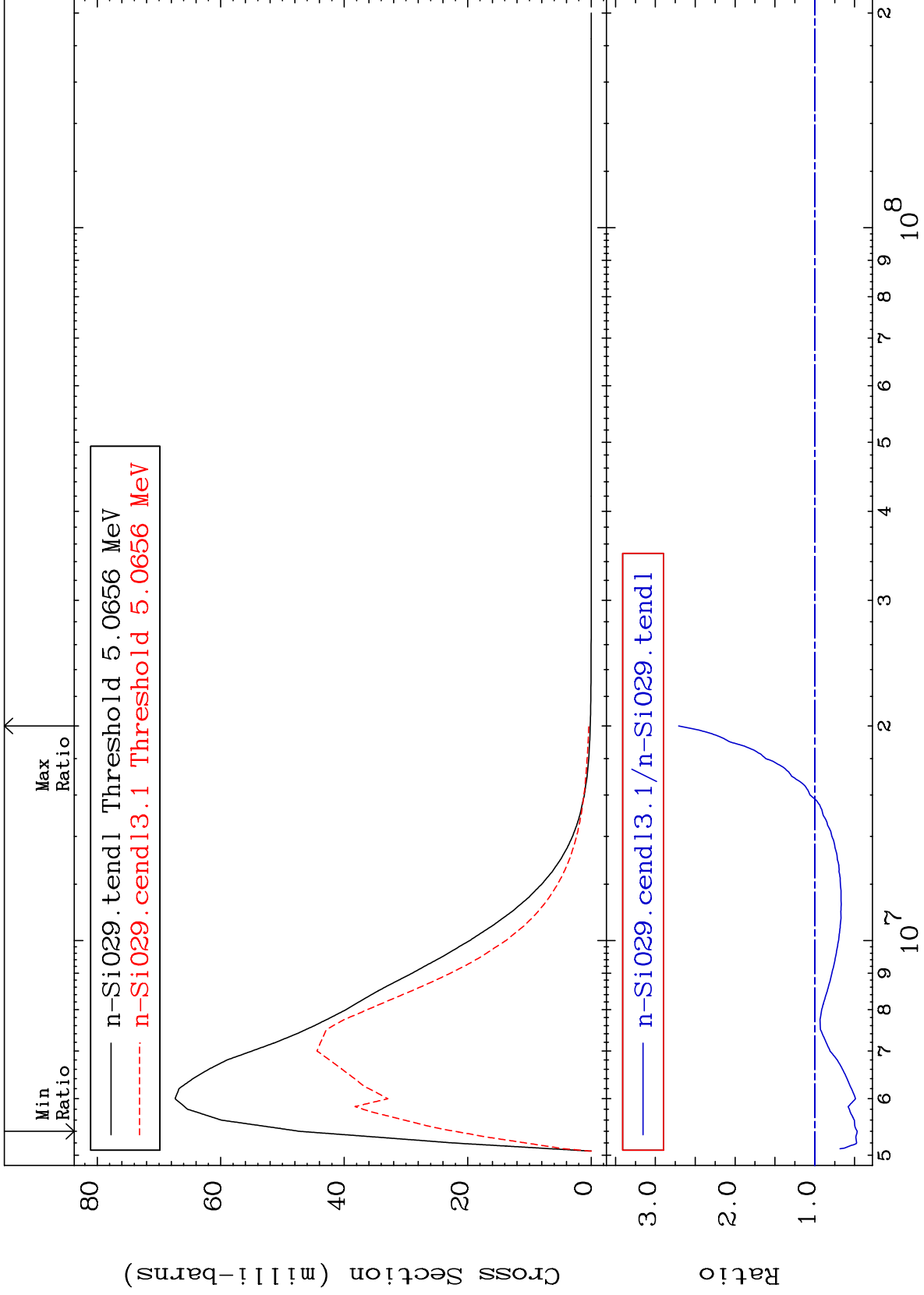
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-53.29 To 170.8 %



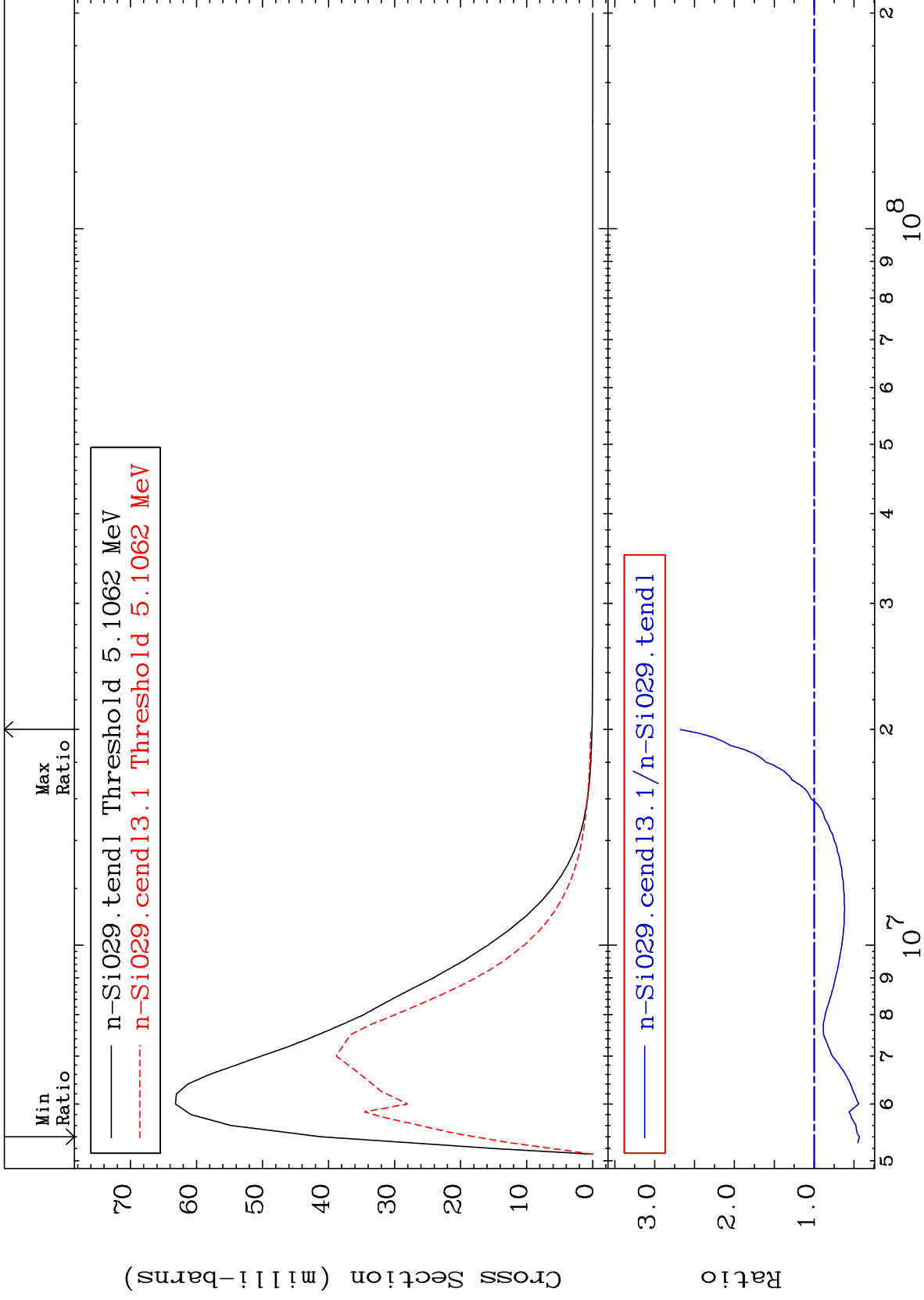
15

14-Si-29

MAT 1428

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

14-Si-29
-56.72 To 167.8 %



16

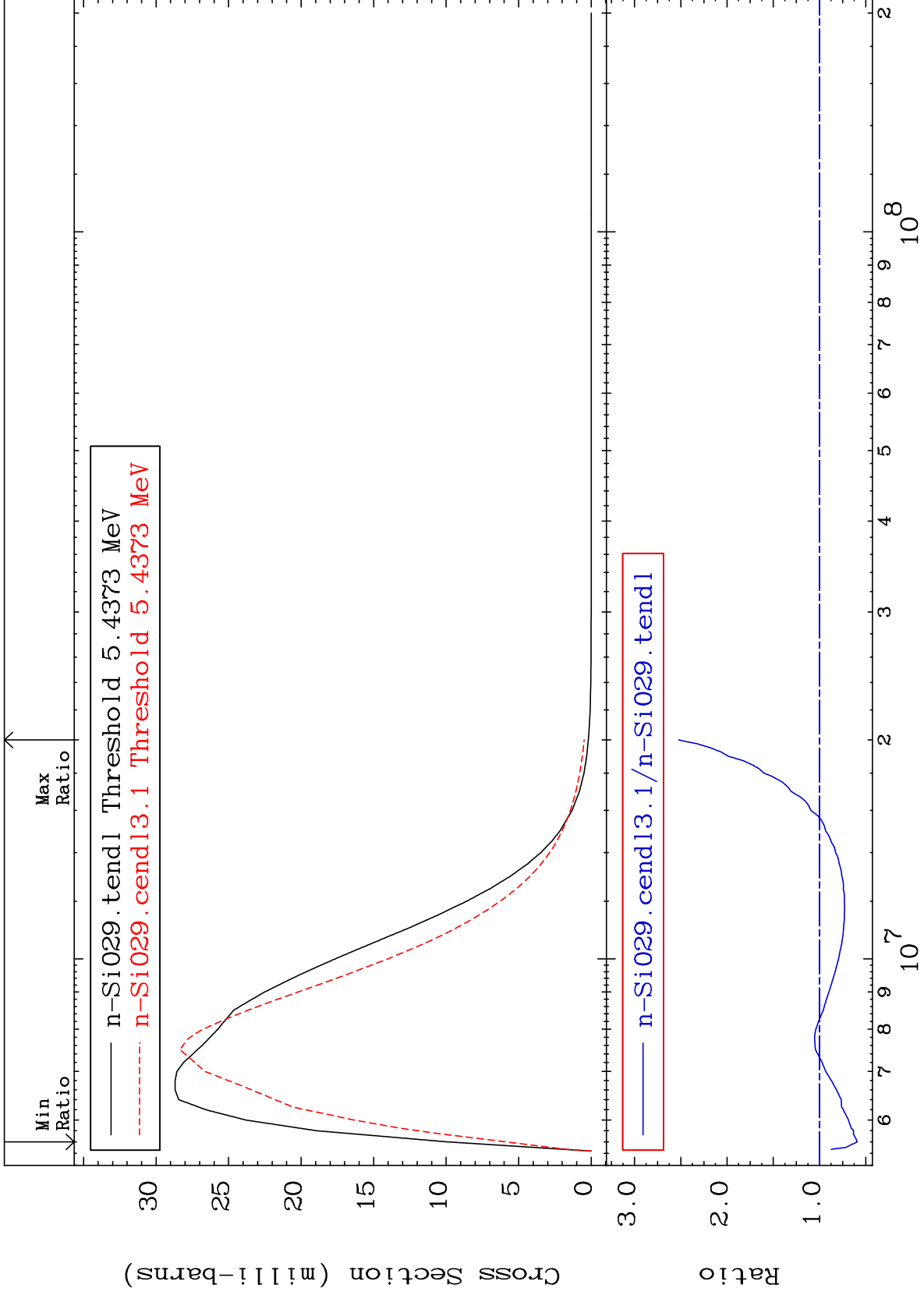
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-40.82 To 152.3 %



17

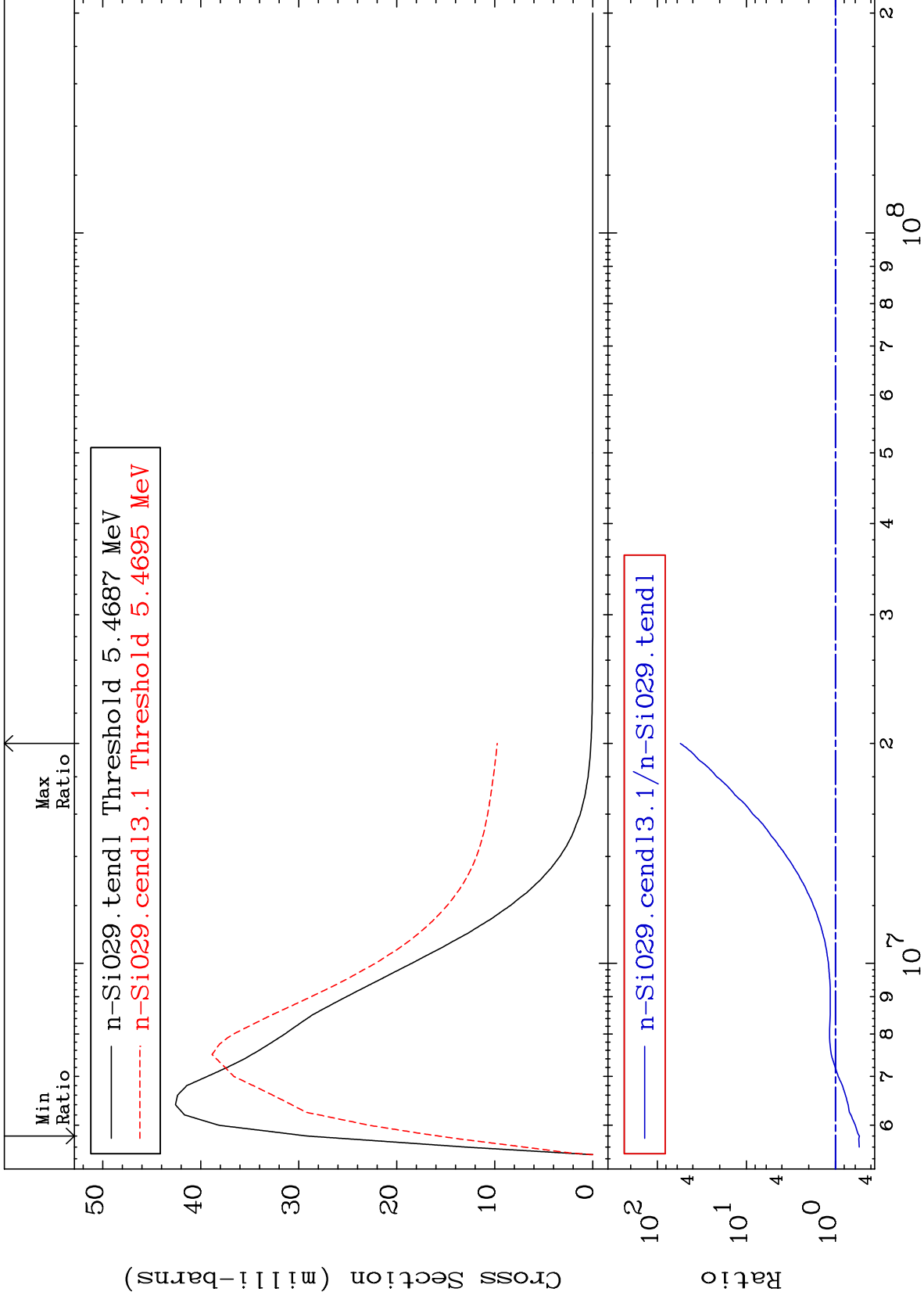
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-46.17 To 5423. %



18

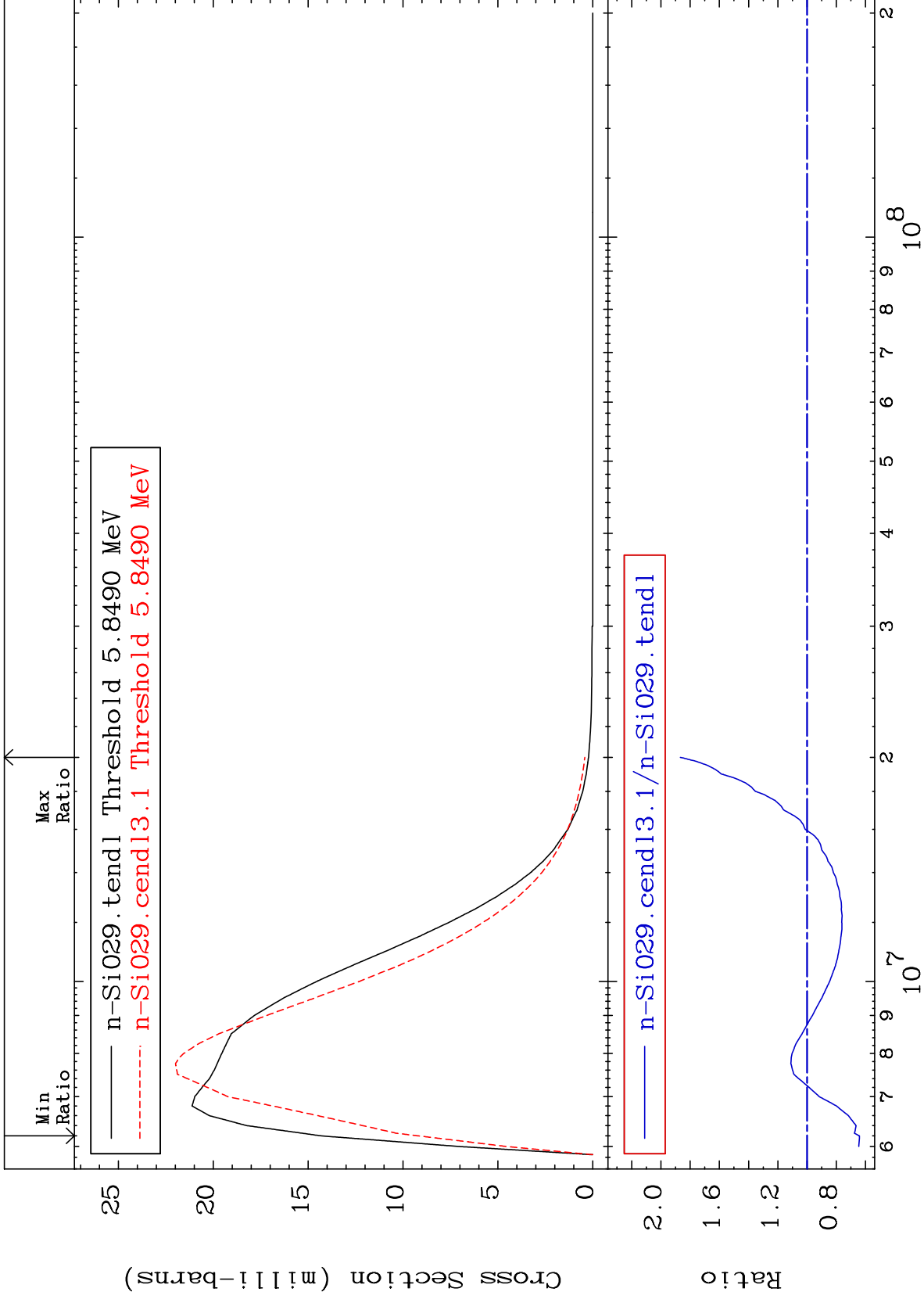
Incident Energy (eV)

14-Si-29

MAT 1428

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

14-Si-29
-35.81 To 86.68 %



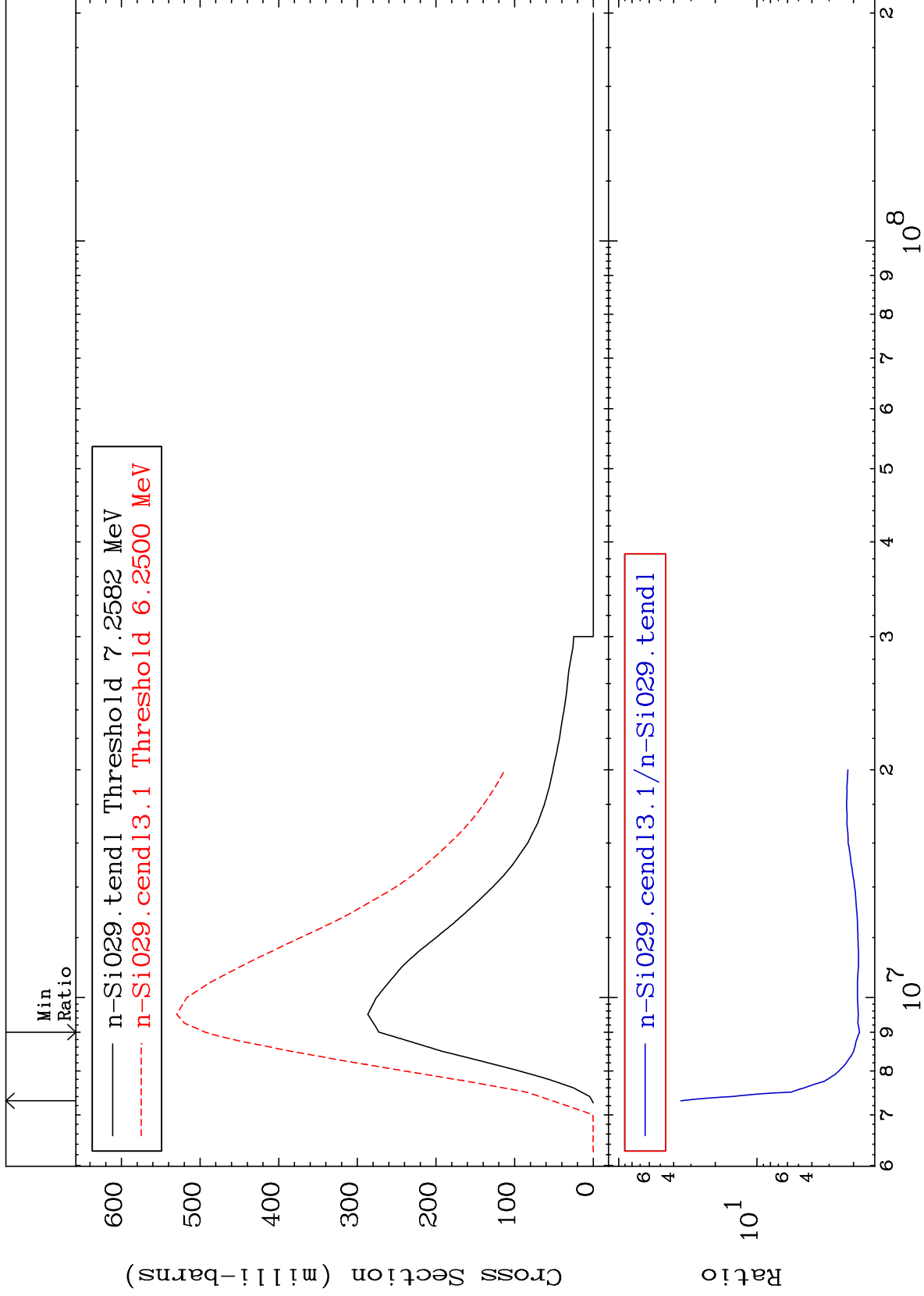
19

14-Si-29

MAT 1428

(n,n') Continuum
Cross Section

14-Si-29
81.08 To 3457. %



20

14-Si-29

14-Si-29

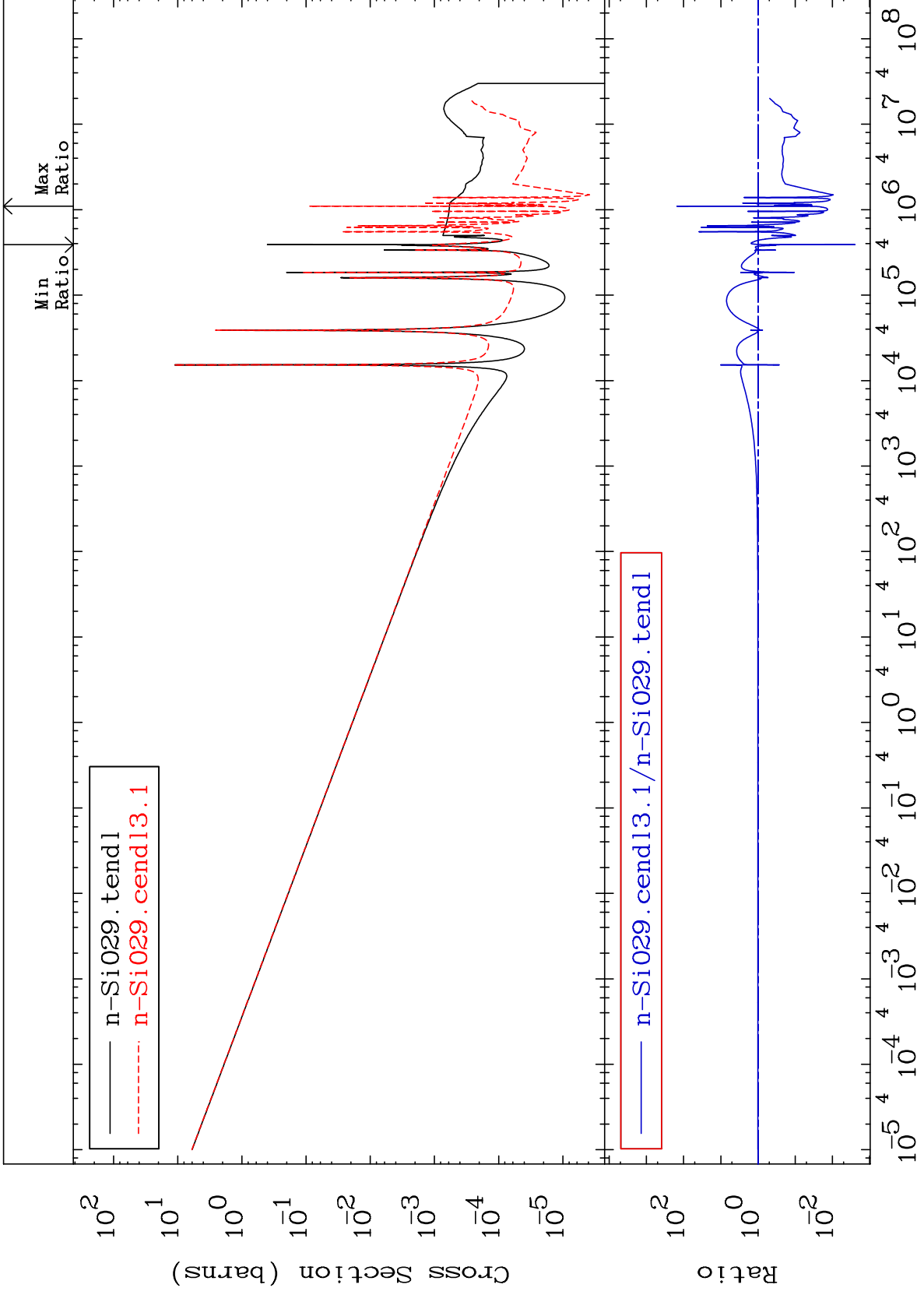
MAT 1428

(n, γ)

14-Si-29

Cross Section

-99.75 To 9999. %



21

Incident Energy (eV)

14-Si-29

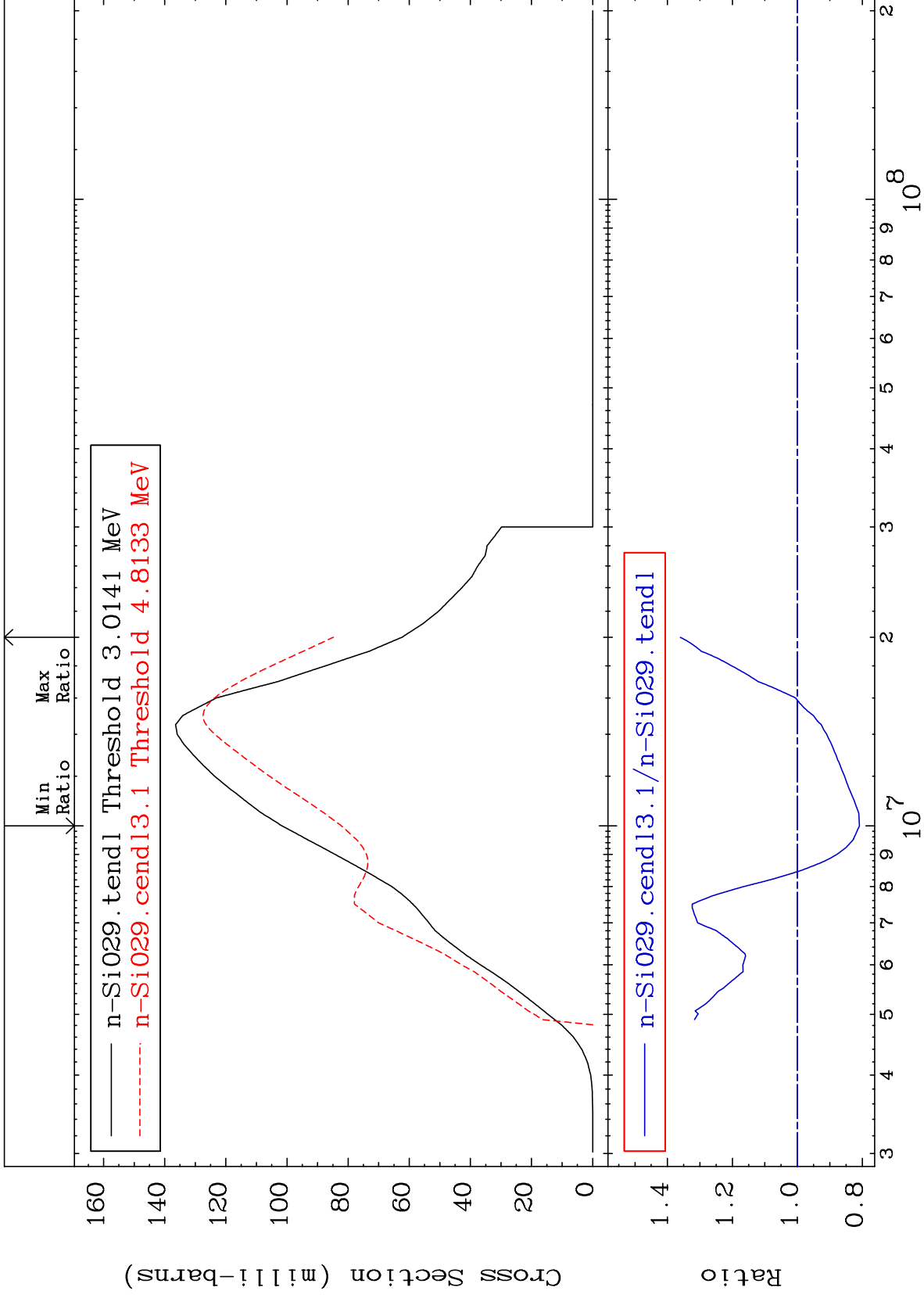
MAT 1428

(n,p)

¹⁴Si-29

Cross Section

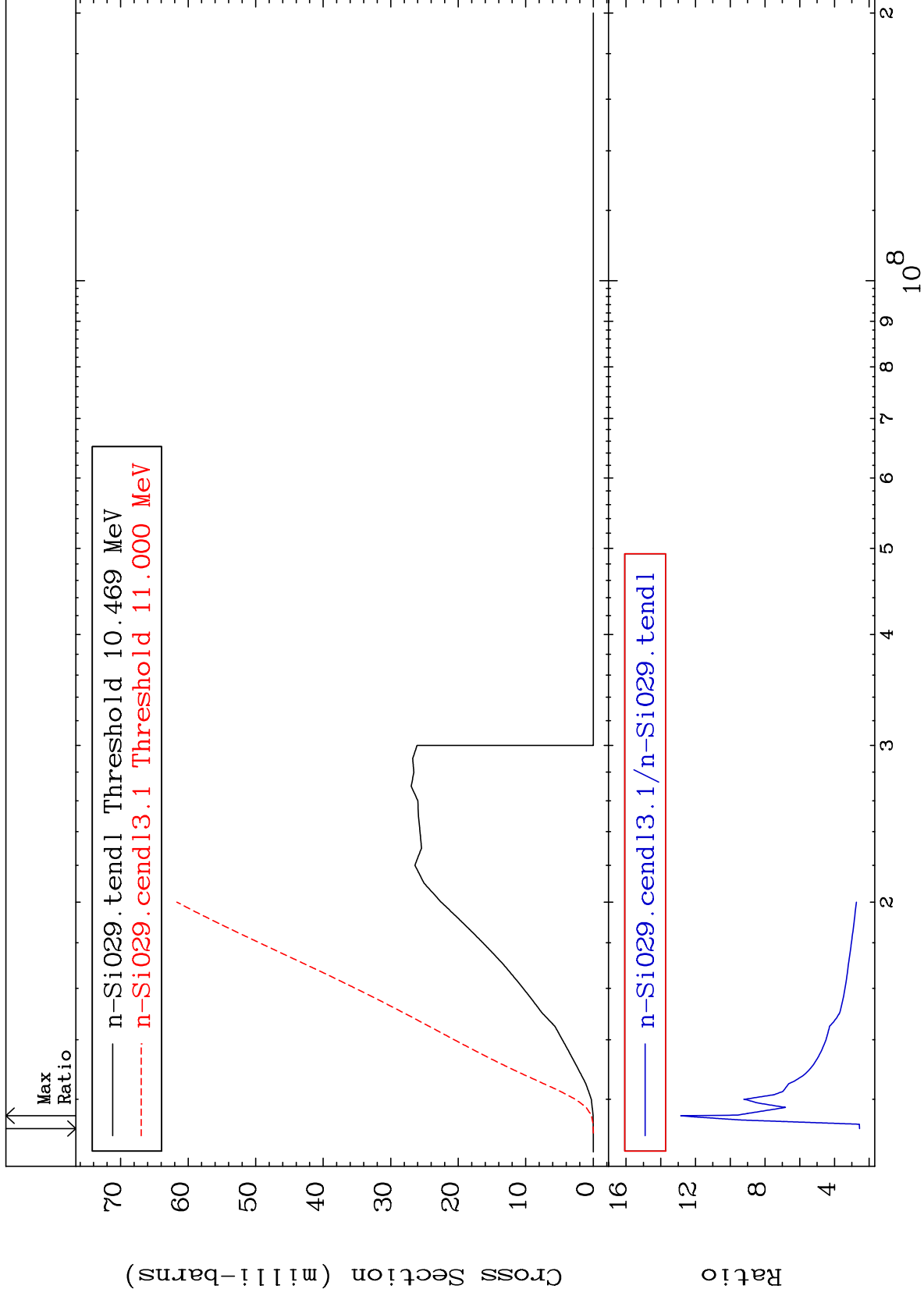
-19.13 To 36.02 %



MAT 1428

(n, d)
Cross Section

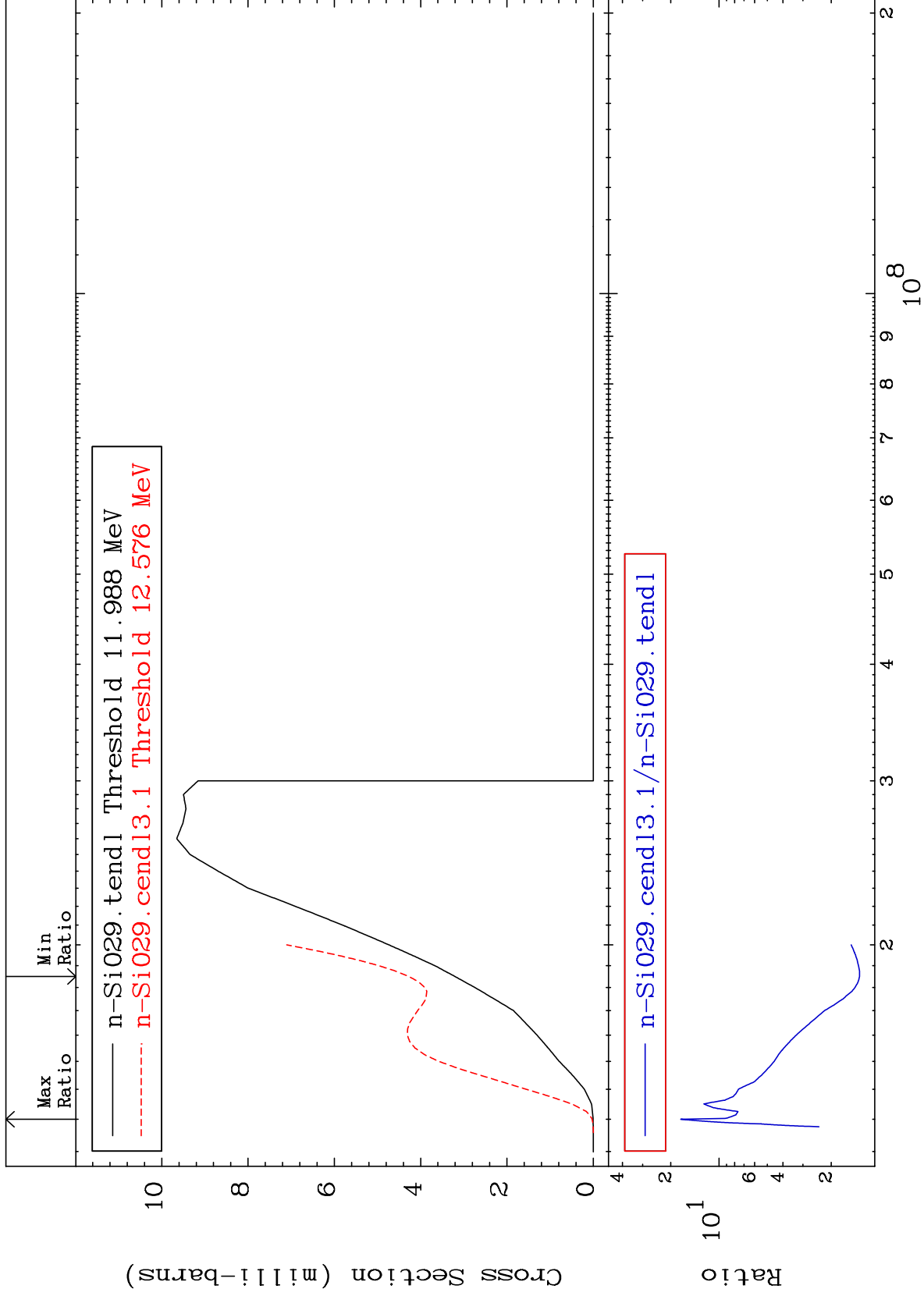
14-Si-29
155.7 To 1185. %

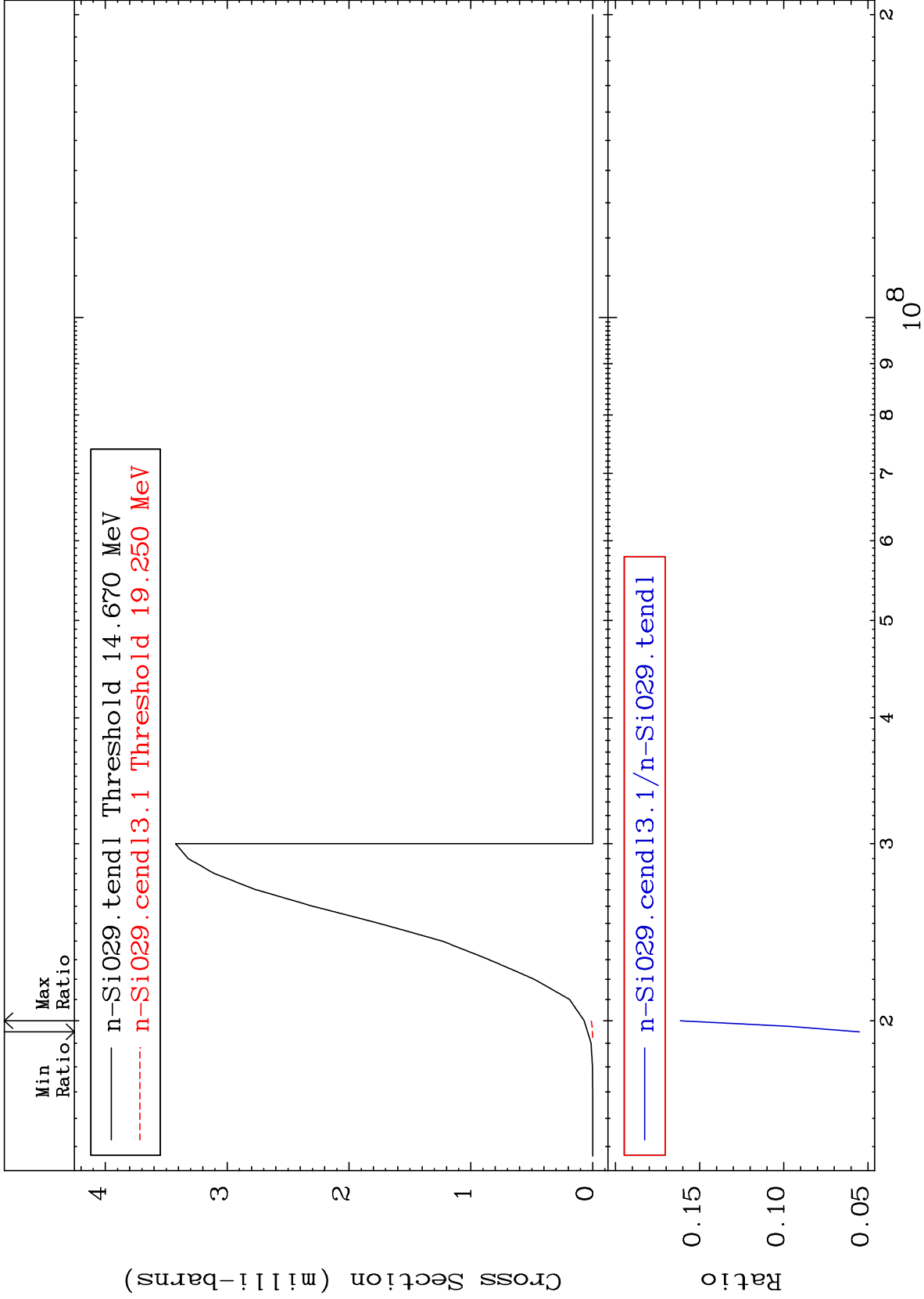


MAT 1428

(n, t)
Cross Section

14-Si-29
33.22 To 1634. %





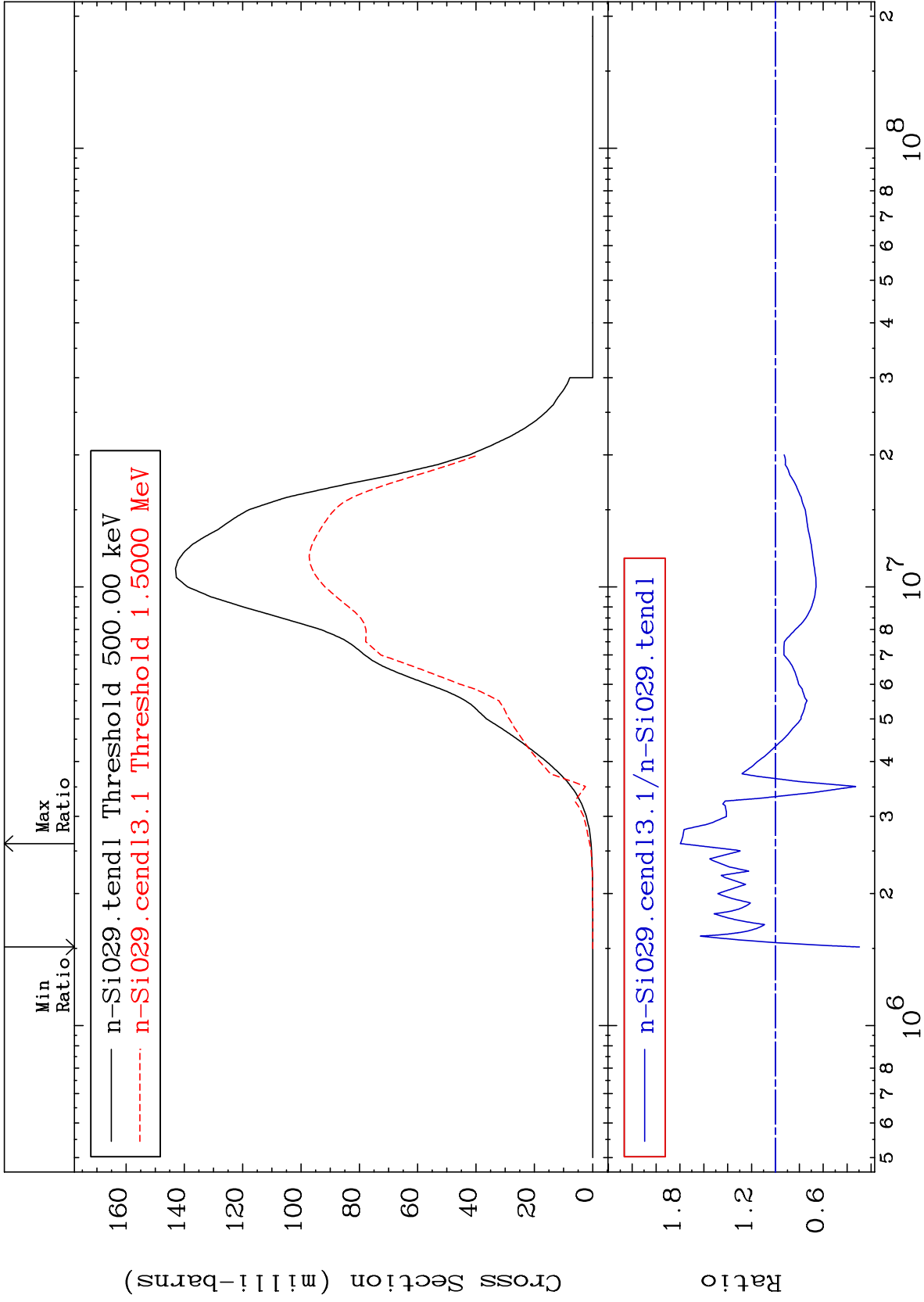
MAT 1428

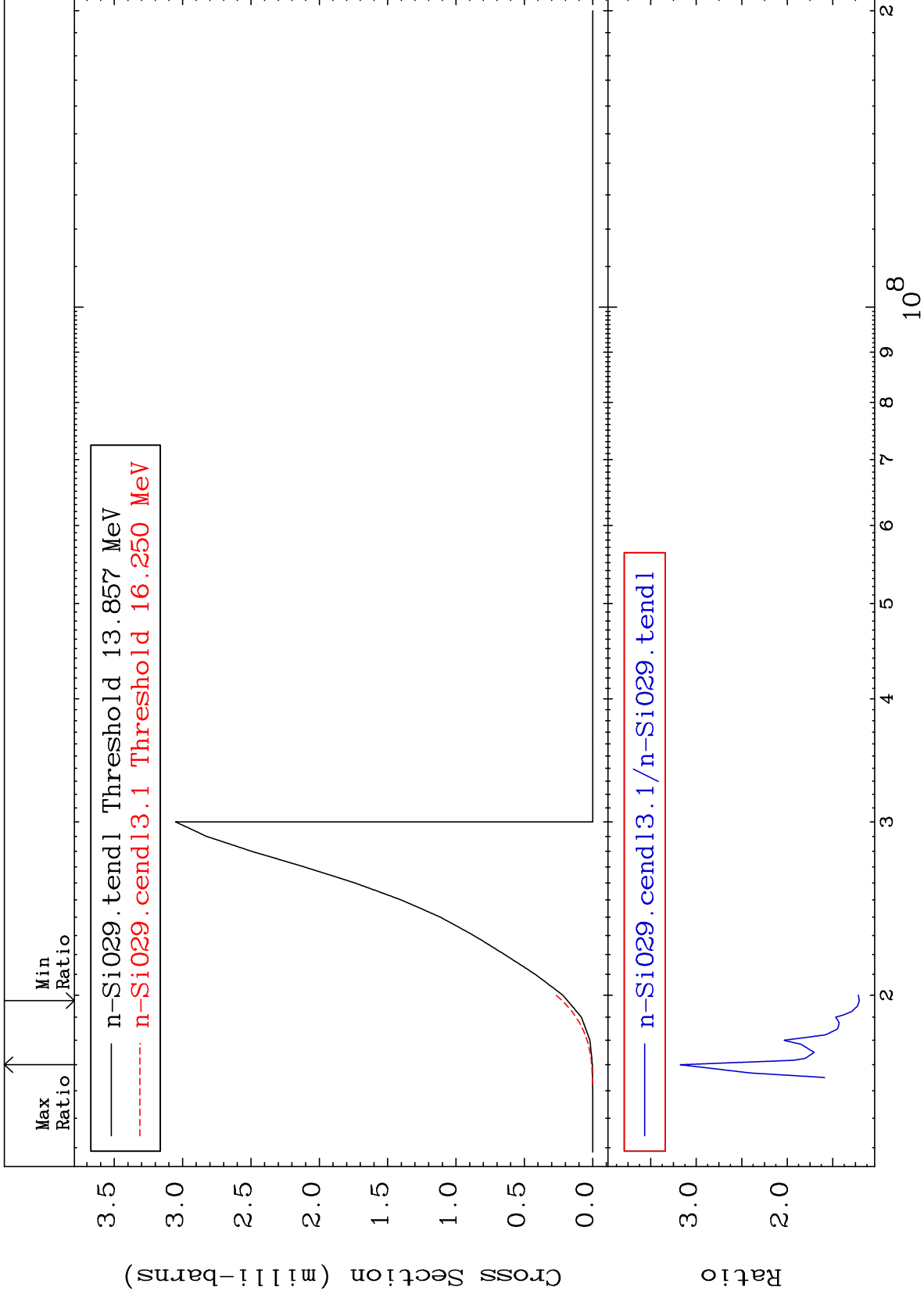
(n, α)

14-Si-29

Cross Section

-70.31 To 79.65 %

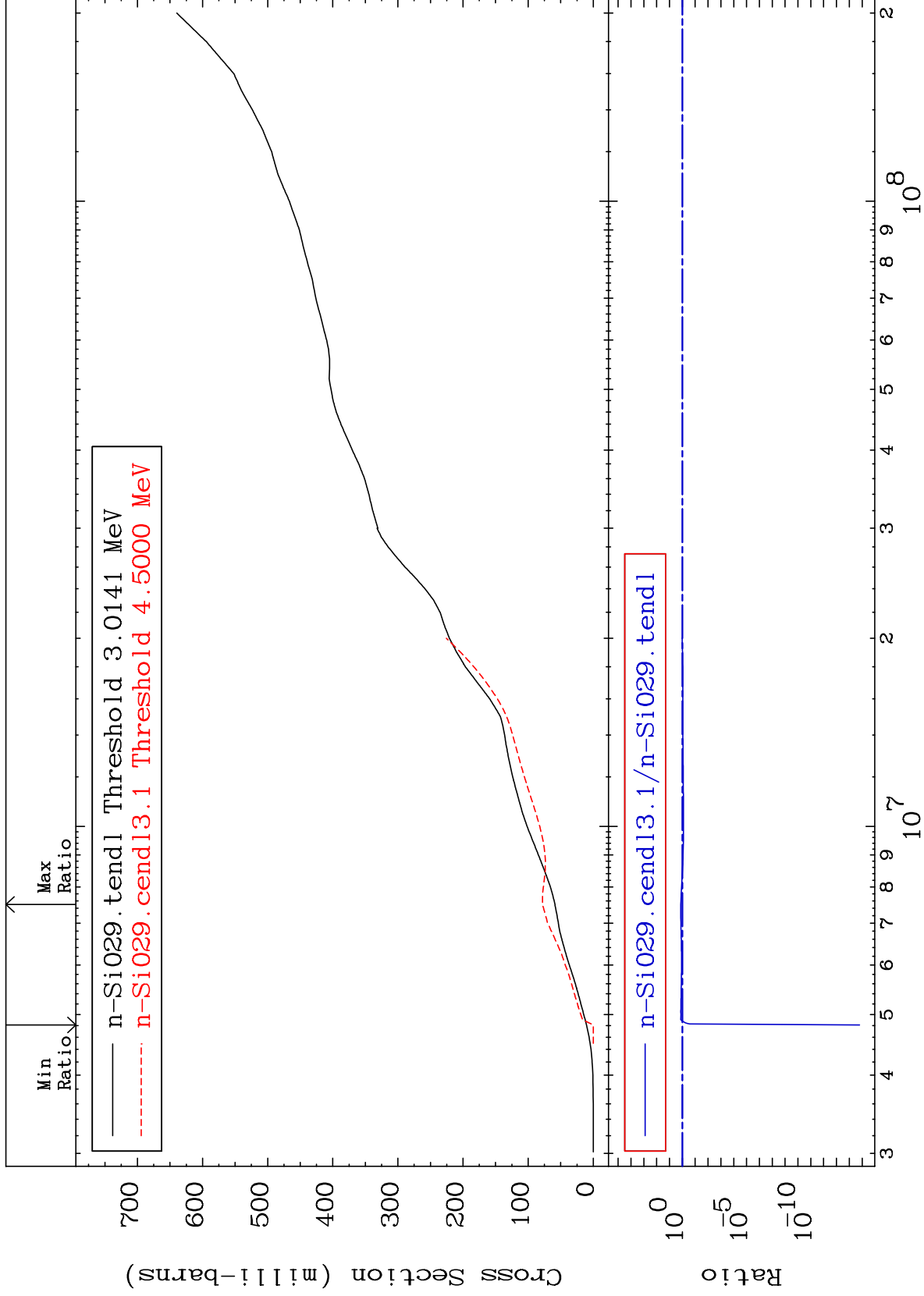


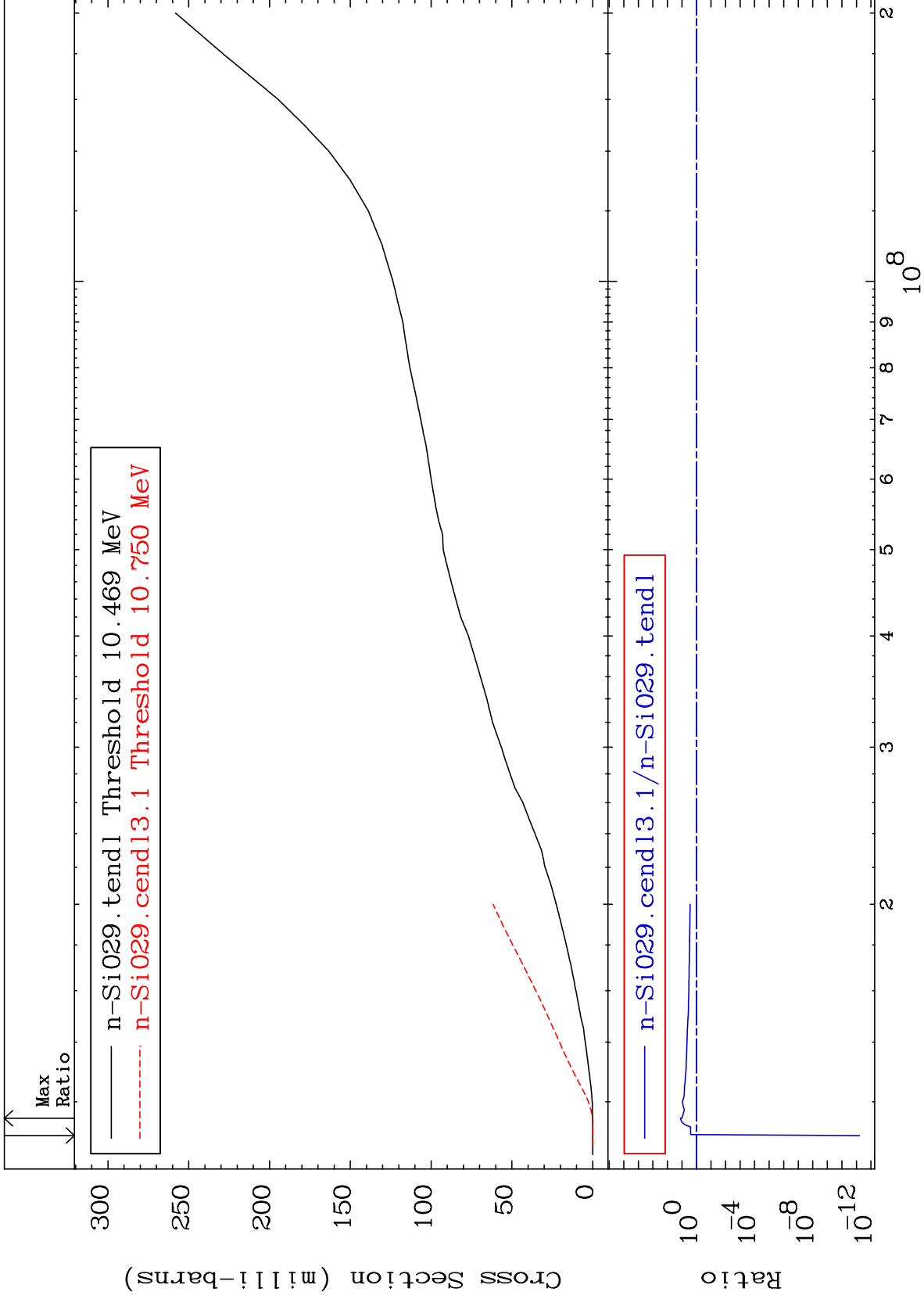


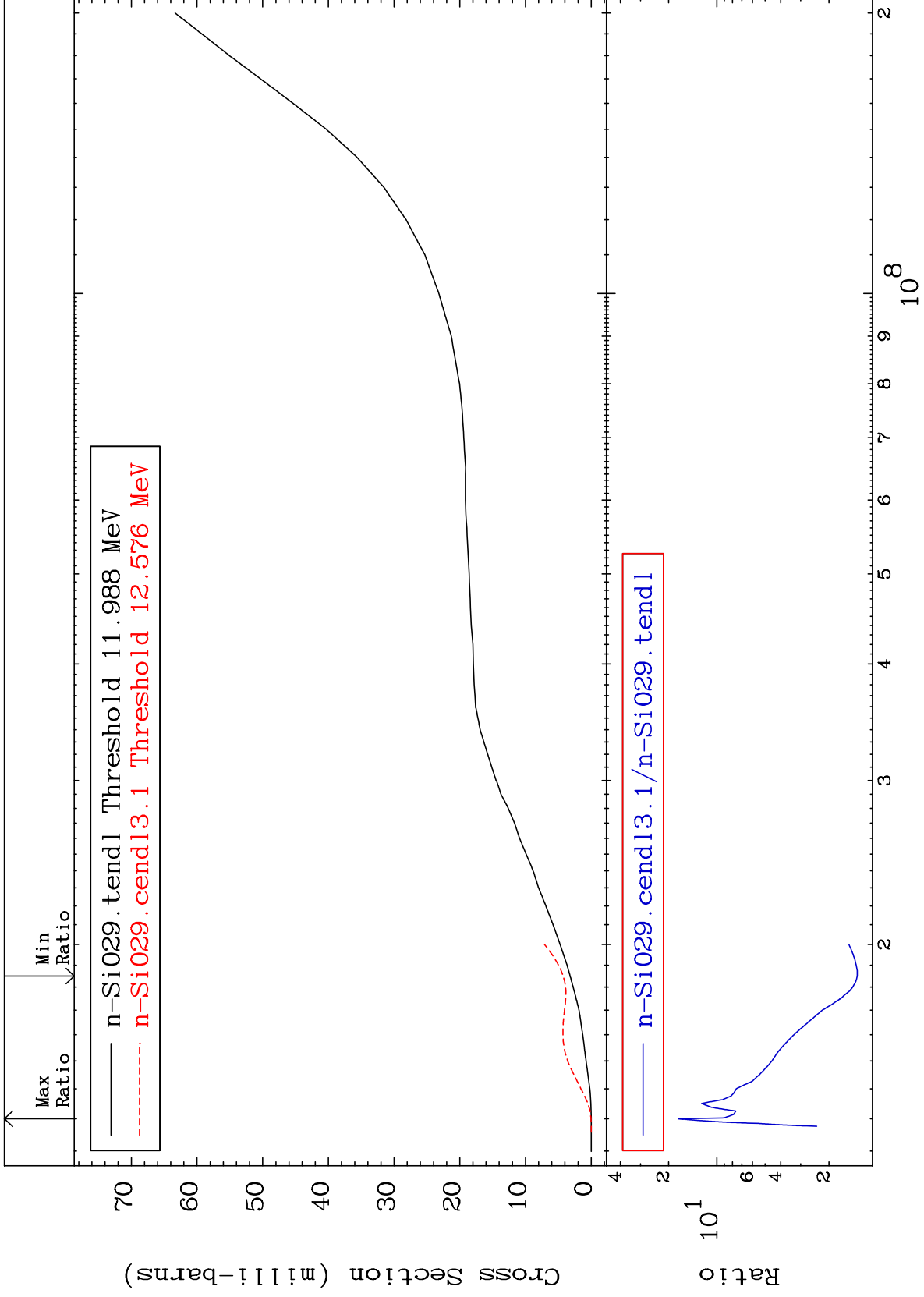
MAT 1428

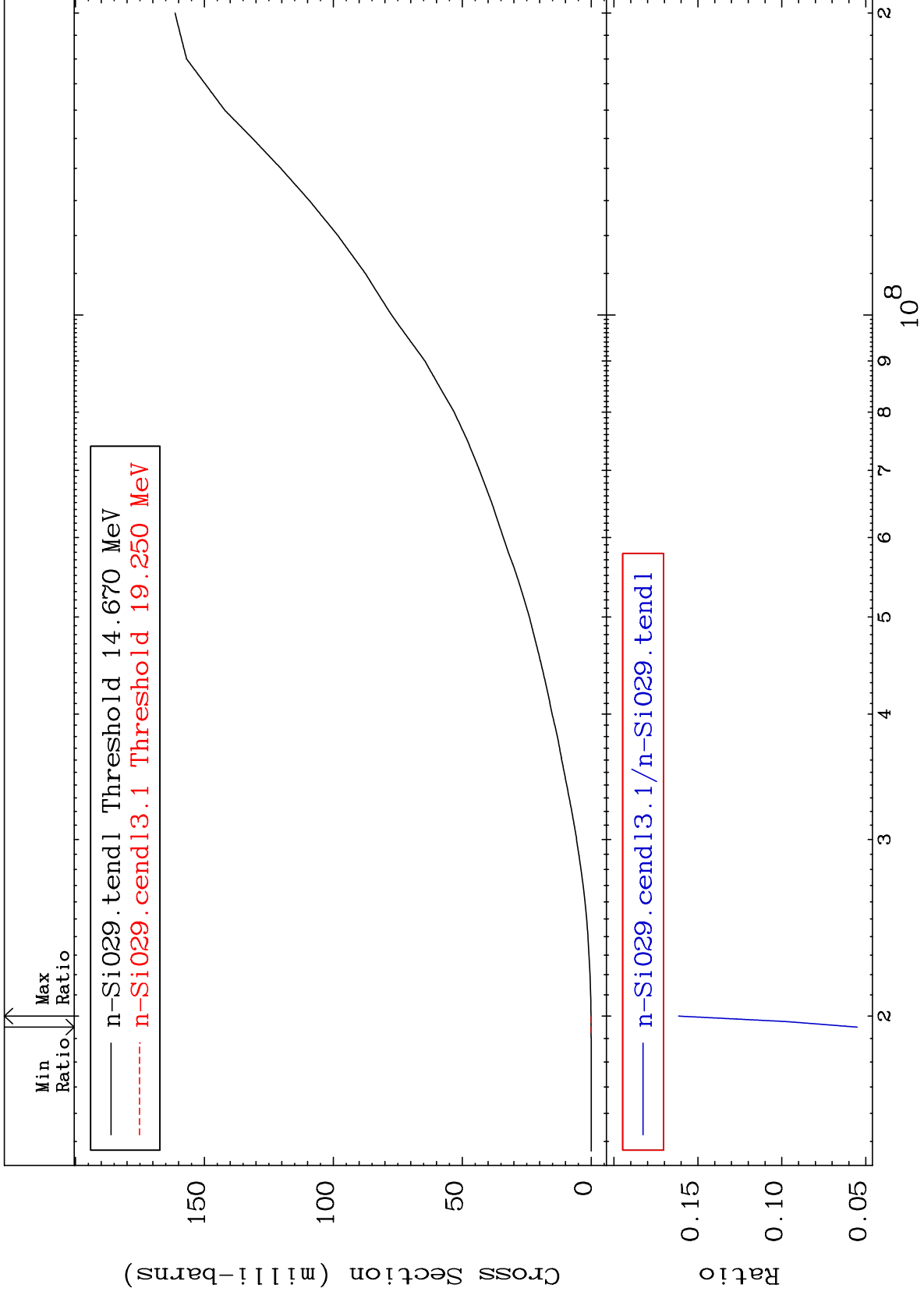
Hydrogen Production
Cross Section

14-Si-29
-100.0 To 32.40 %





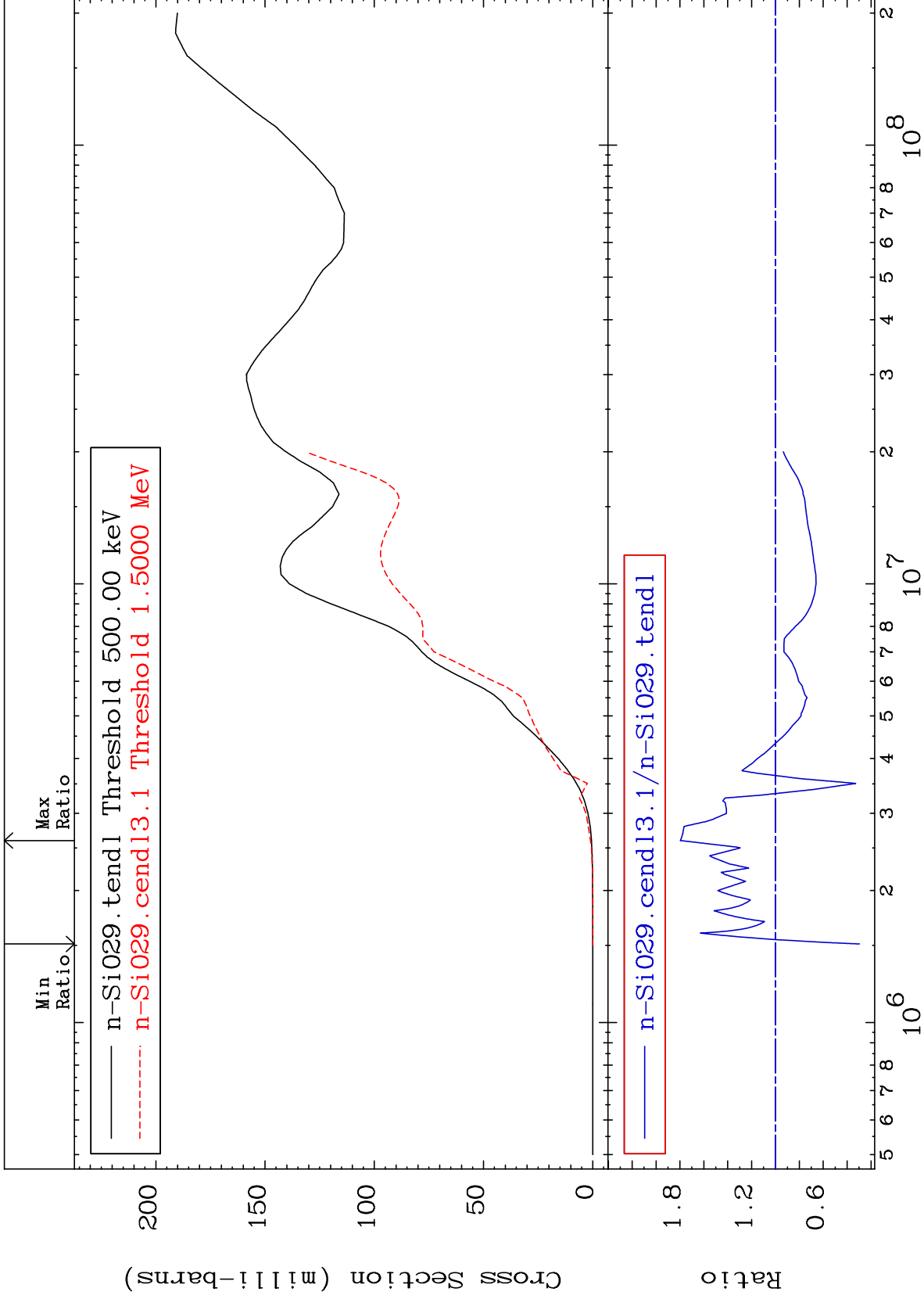


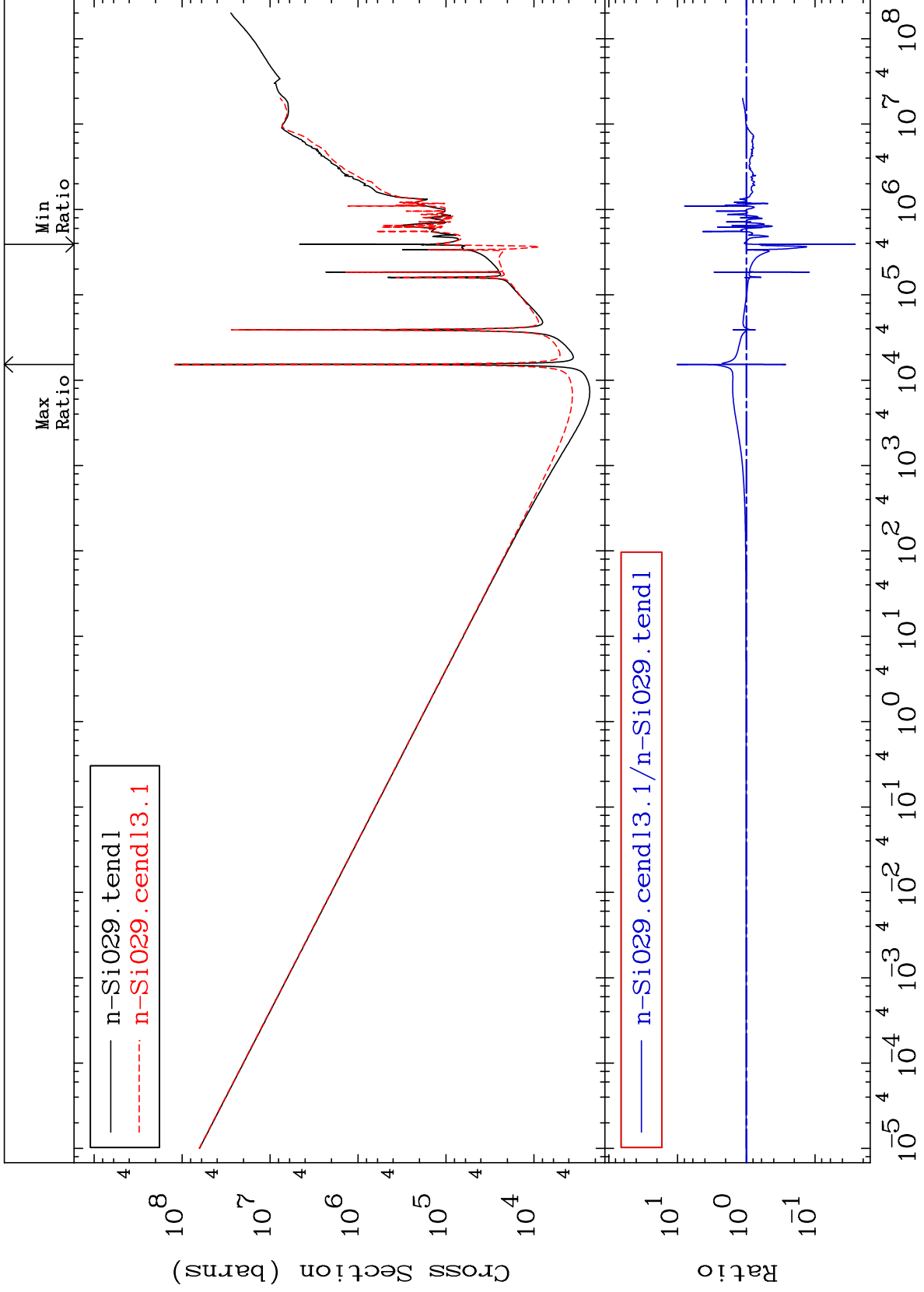


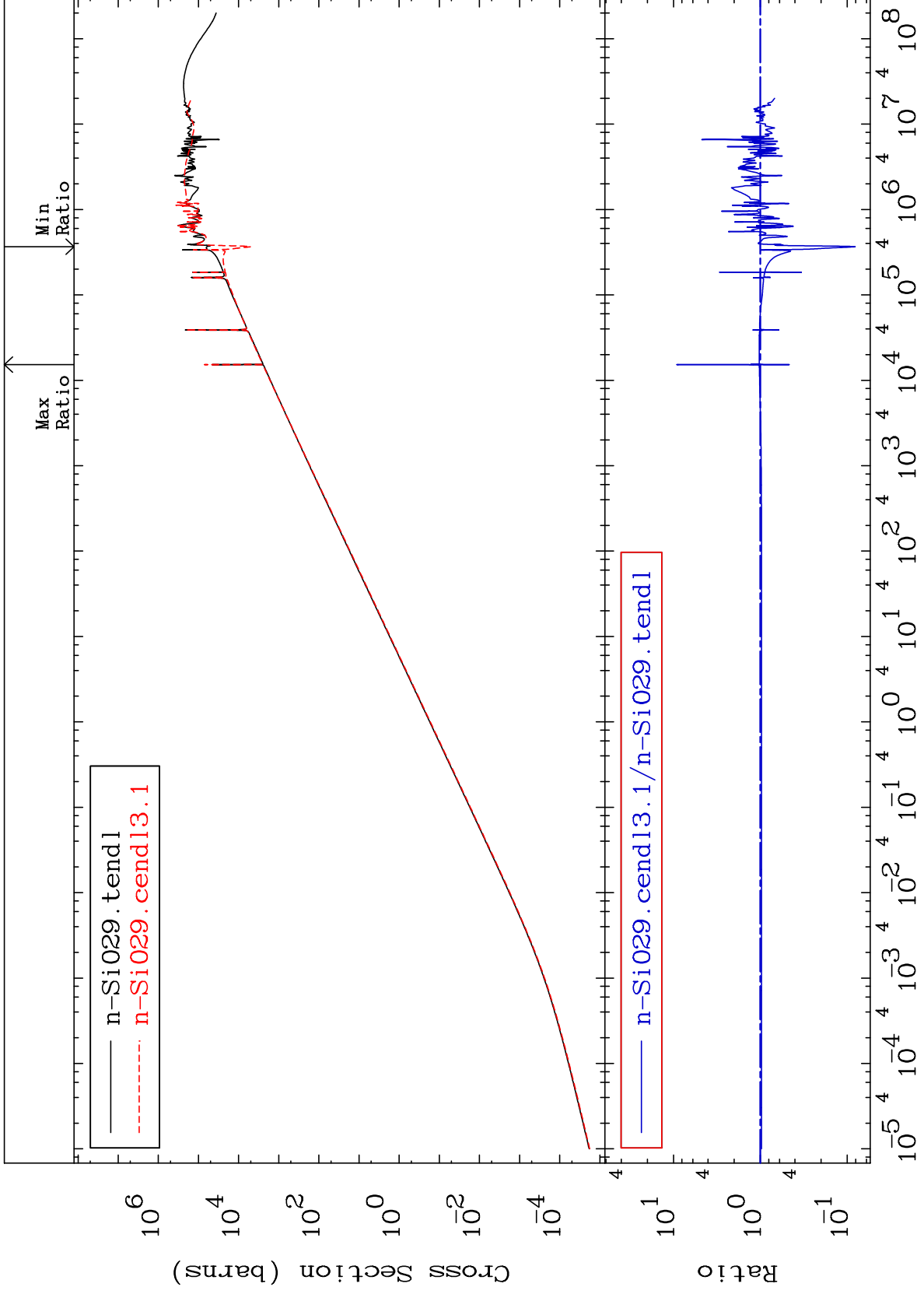
MAT 1428

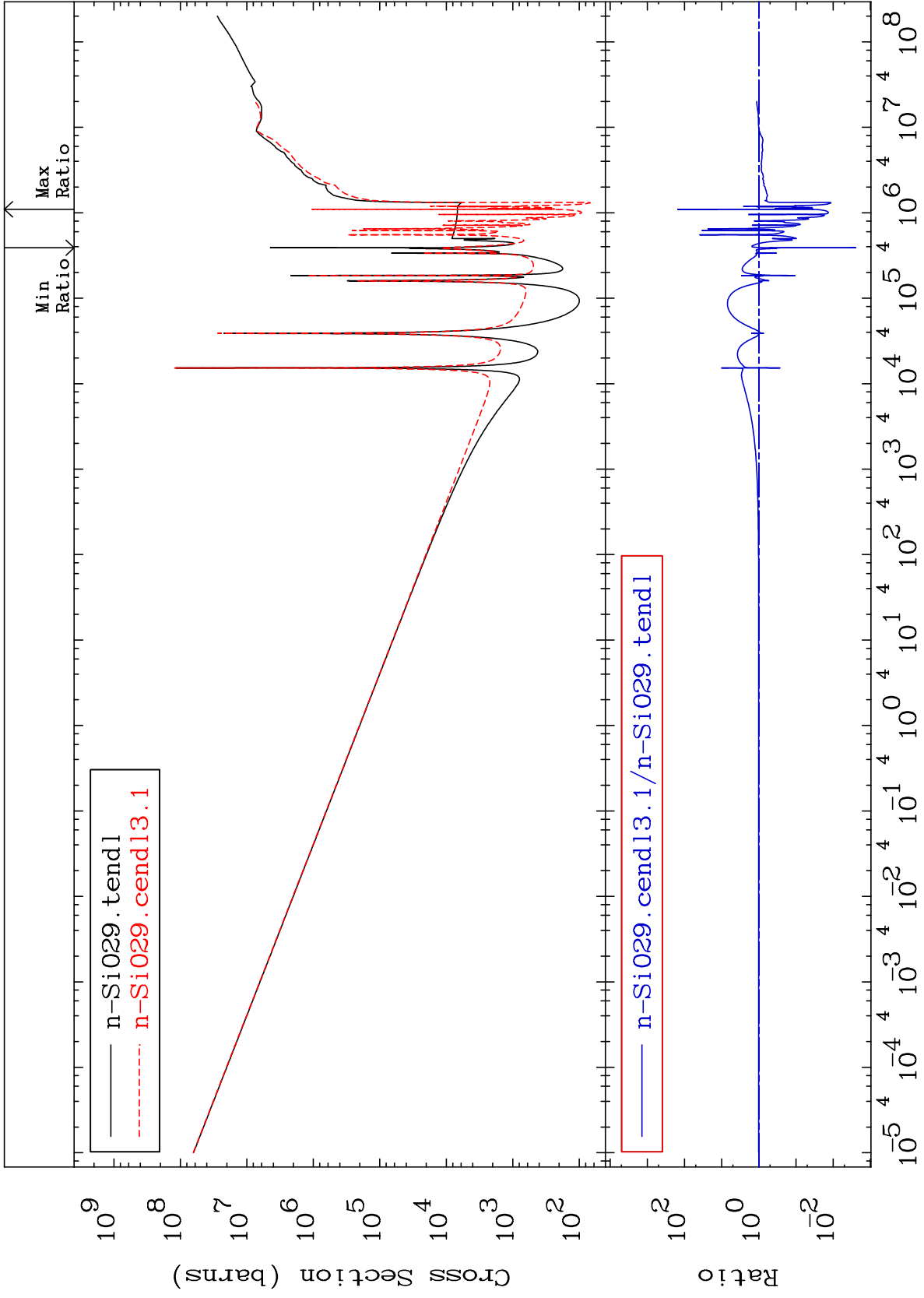
He-4 Production
Cross Section

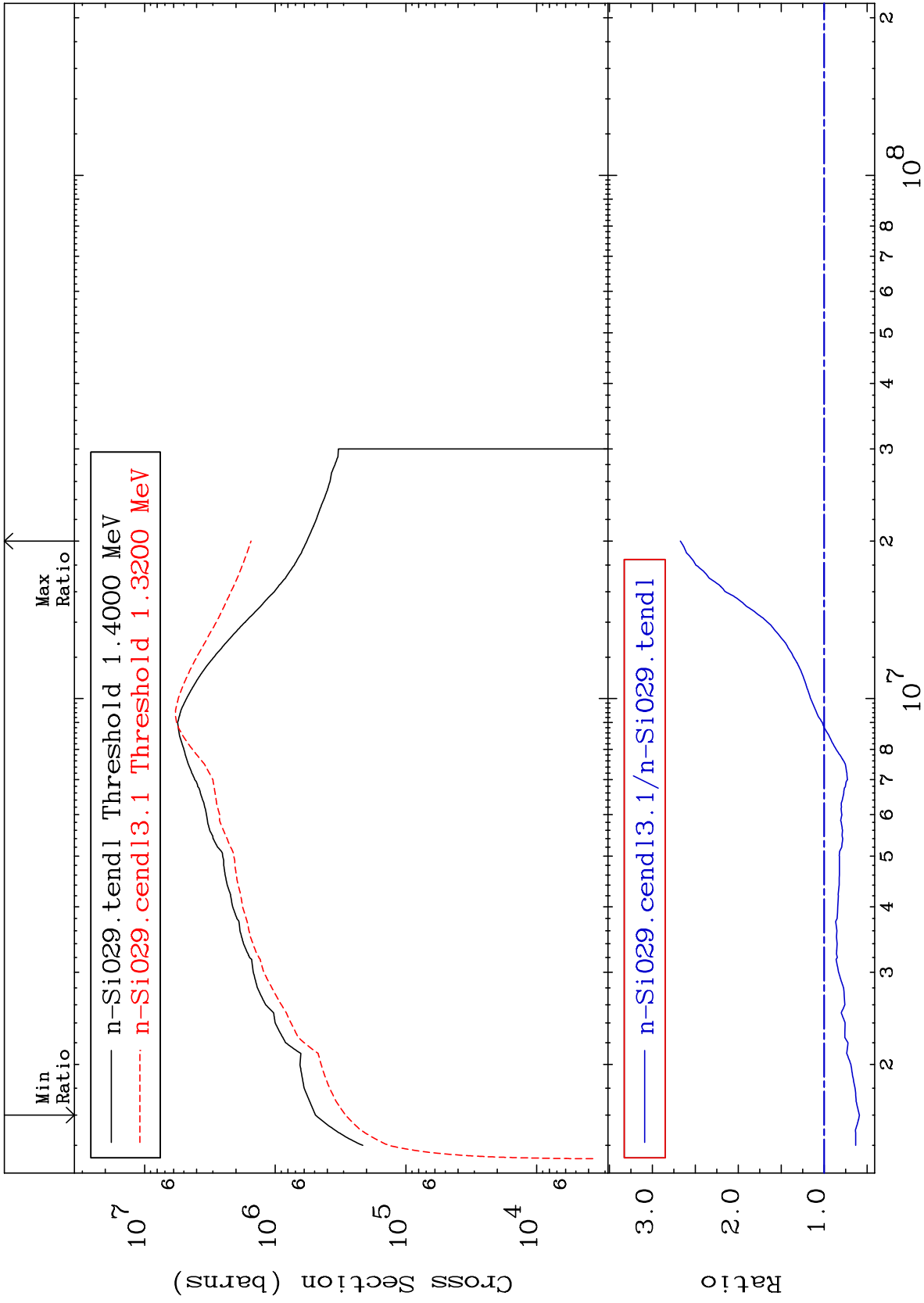
14-Si-29
-70.31 To 79.65 %







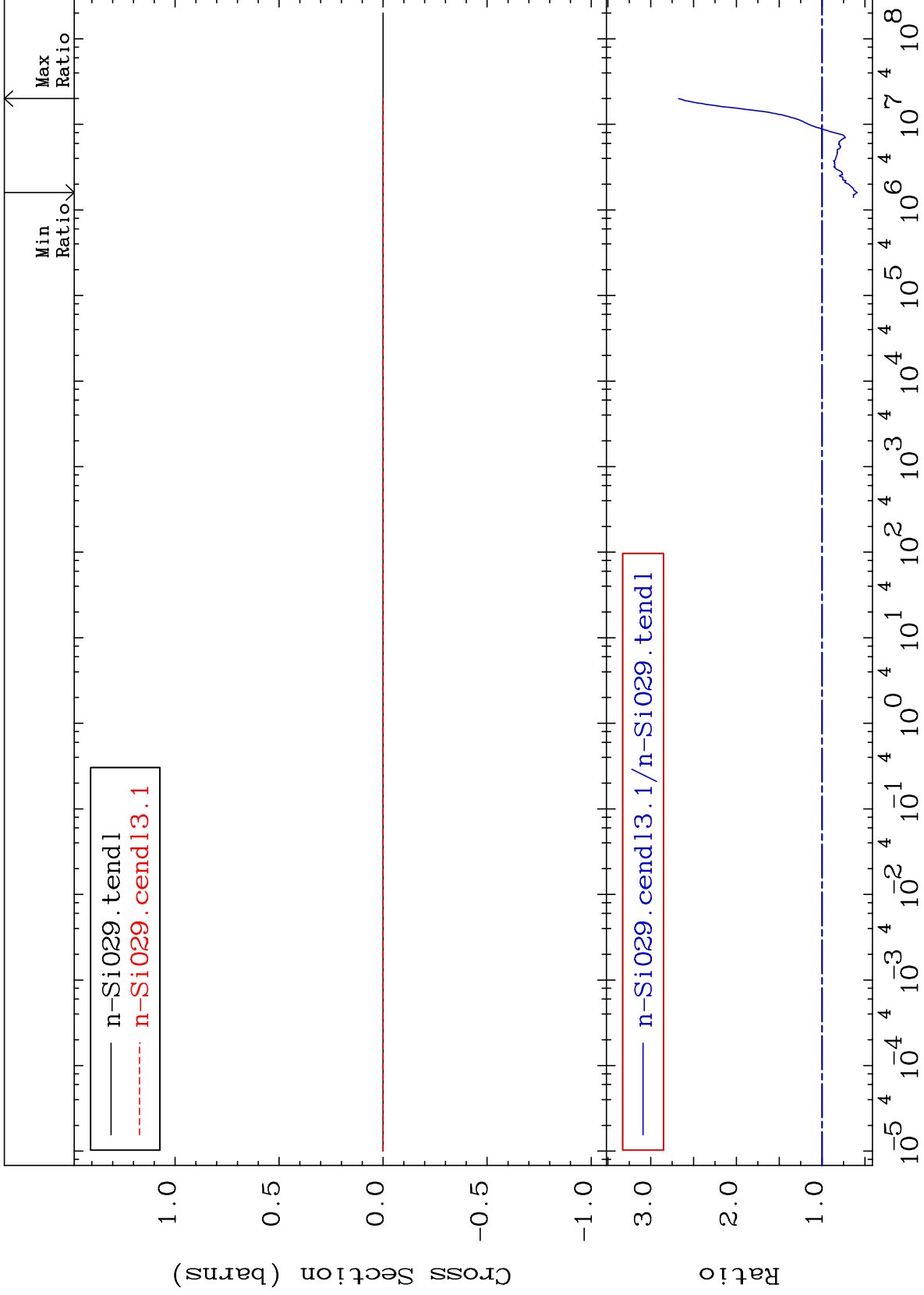




MAT 1428

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

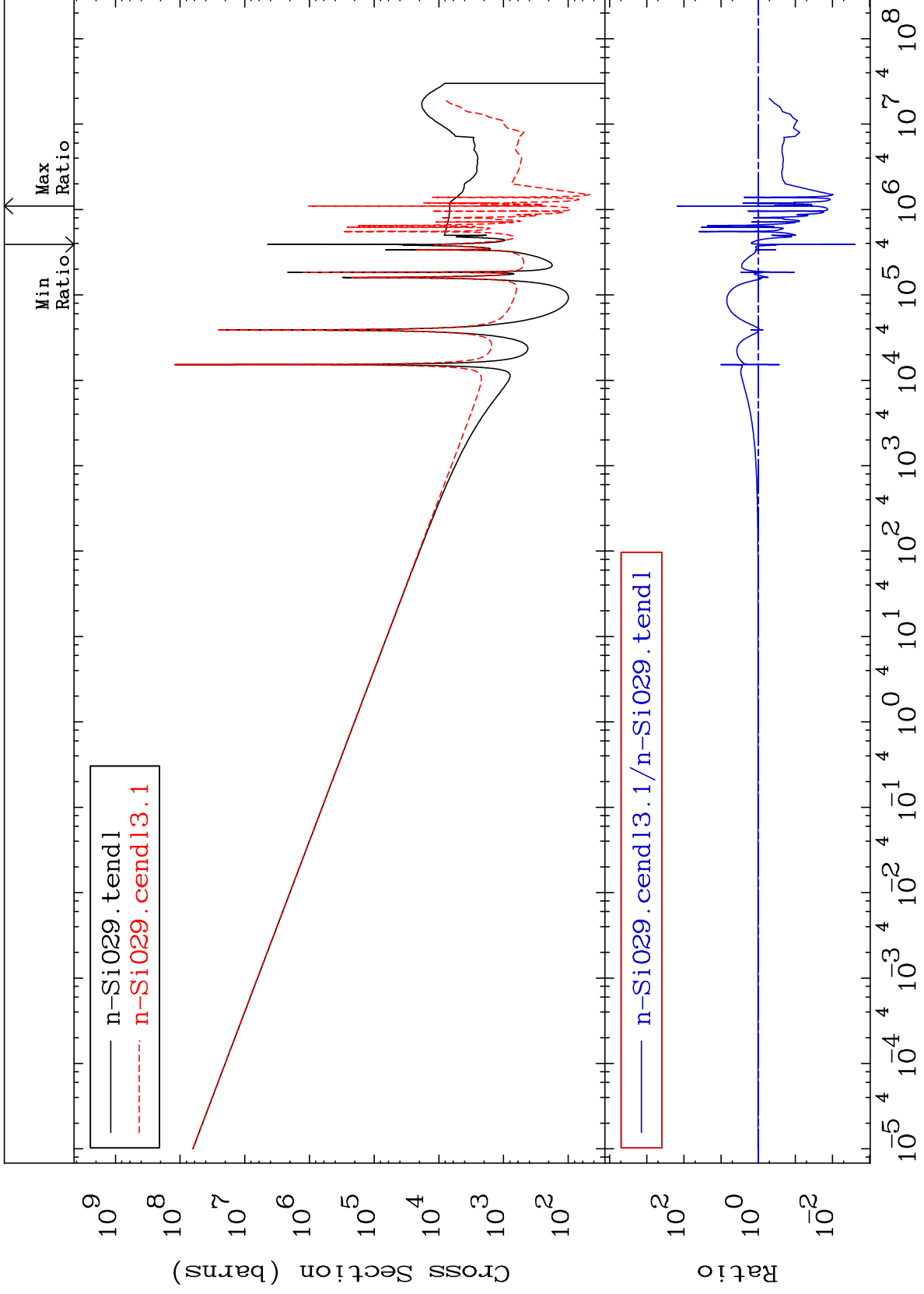
14-Si-29
-41.10 To 167.5 %



MAT 1428

Kerma capture (mt102)
Cross Section

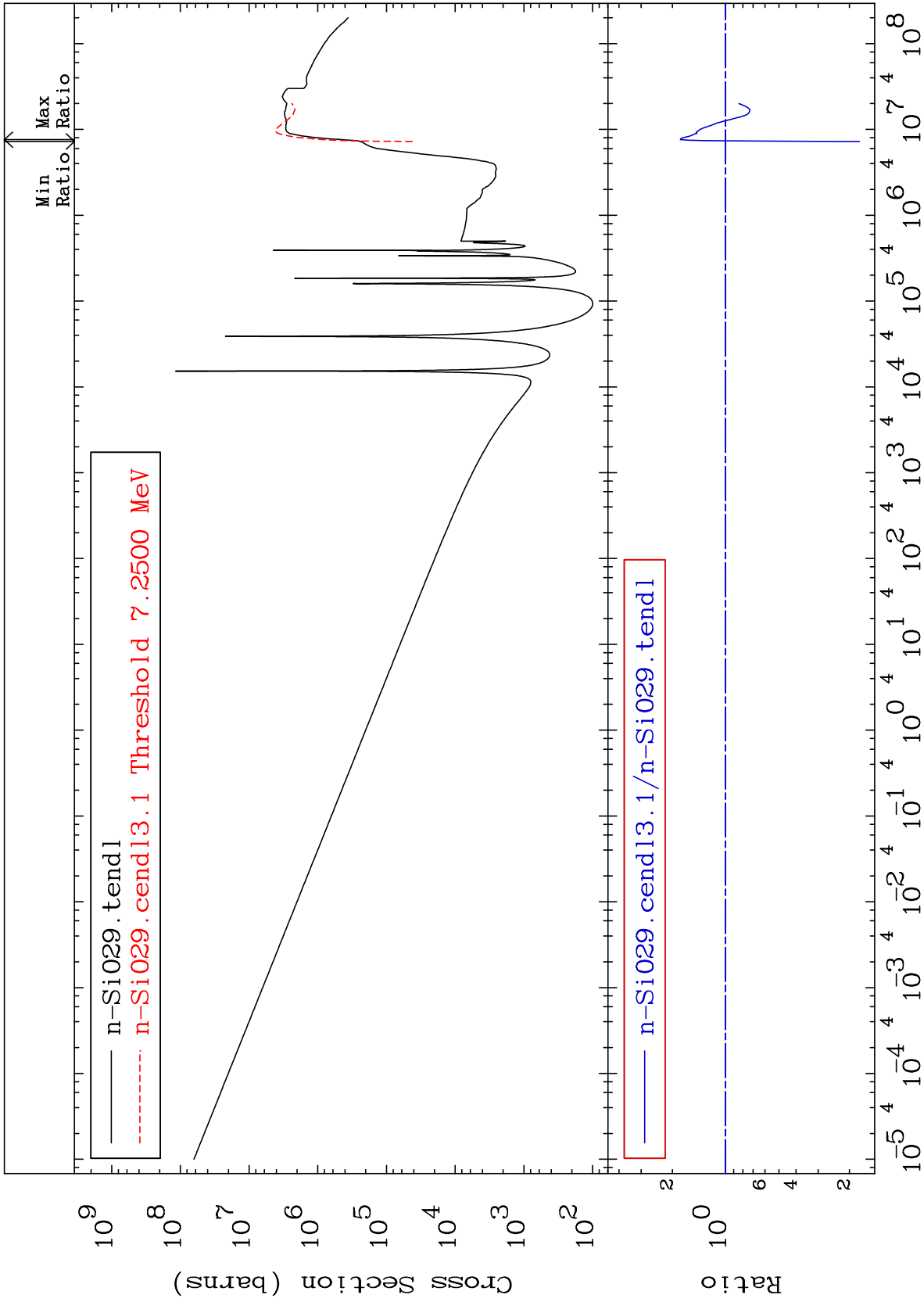
14-Si-29
-99.75 To 9999. %



MAT 1428

Total photon (eV-barns)
Cross Section

14-Si-29
-82.44 To 80.11 %



39

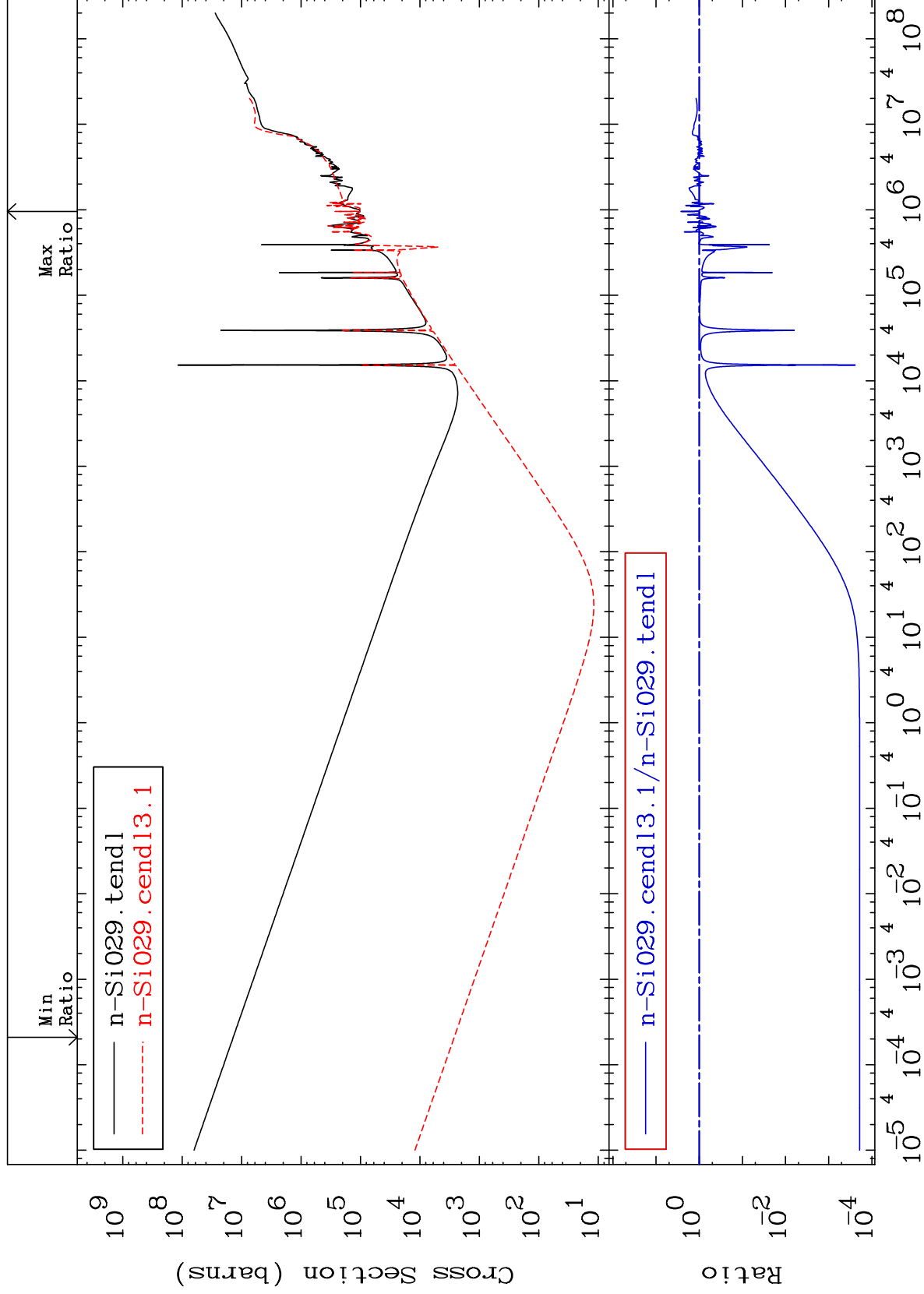
Incident Energy (eV)

14-Si-29

MAT 1428

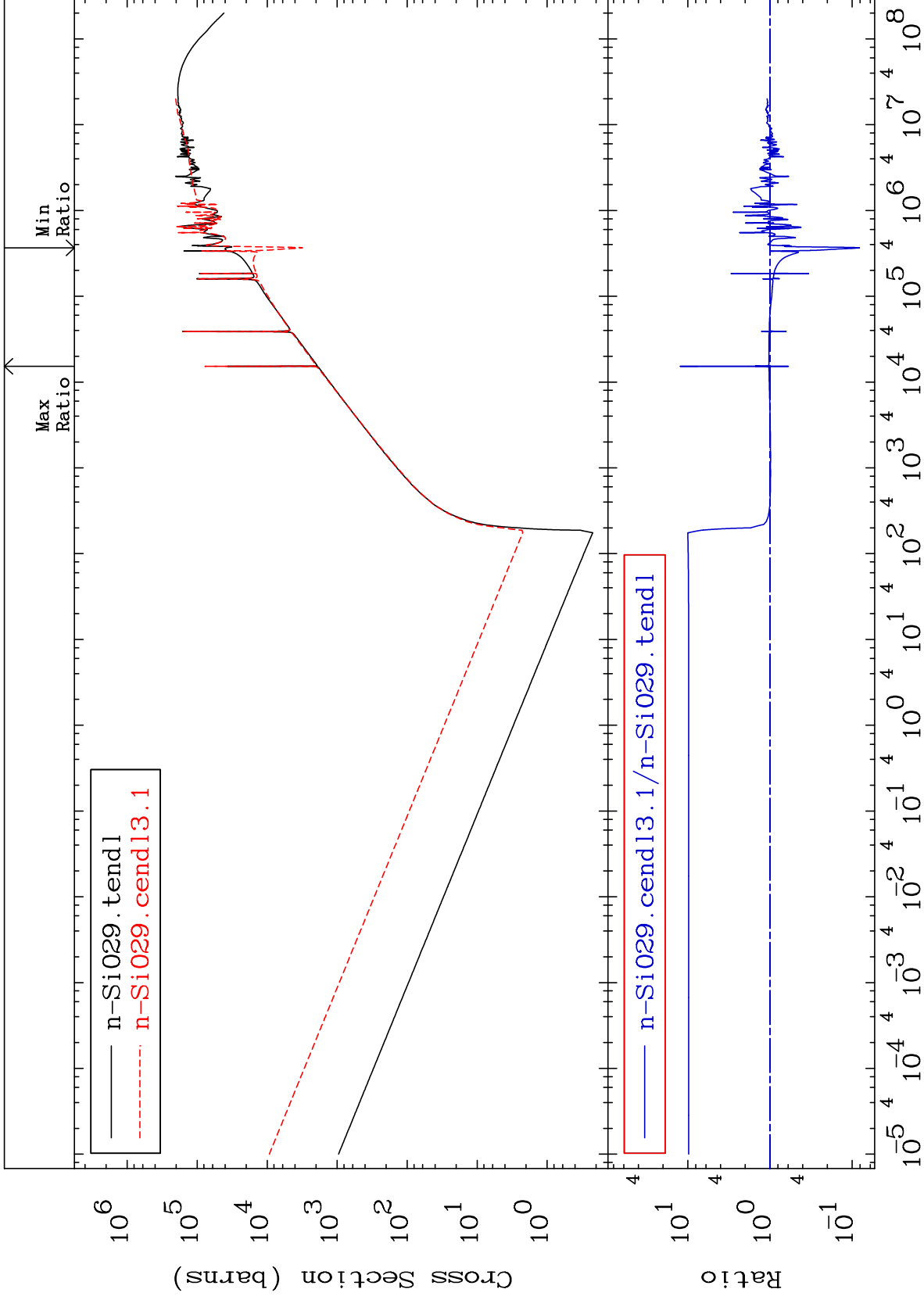
Total kinematic kerma (high limit)
Cross Section

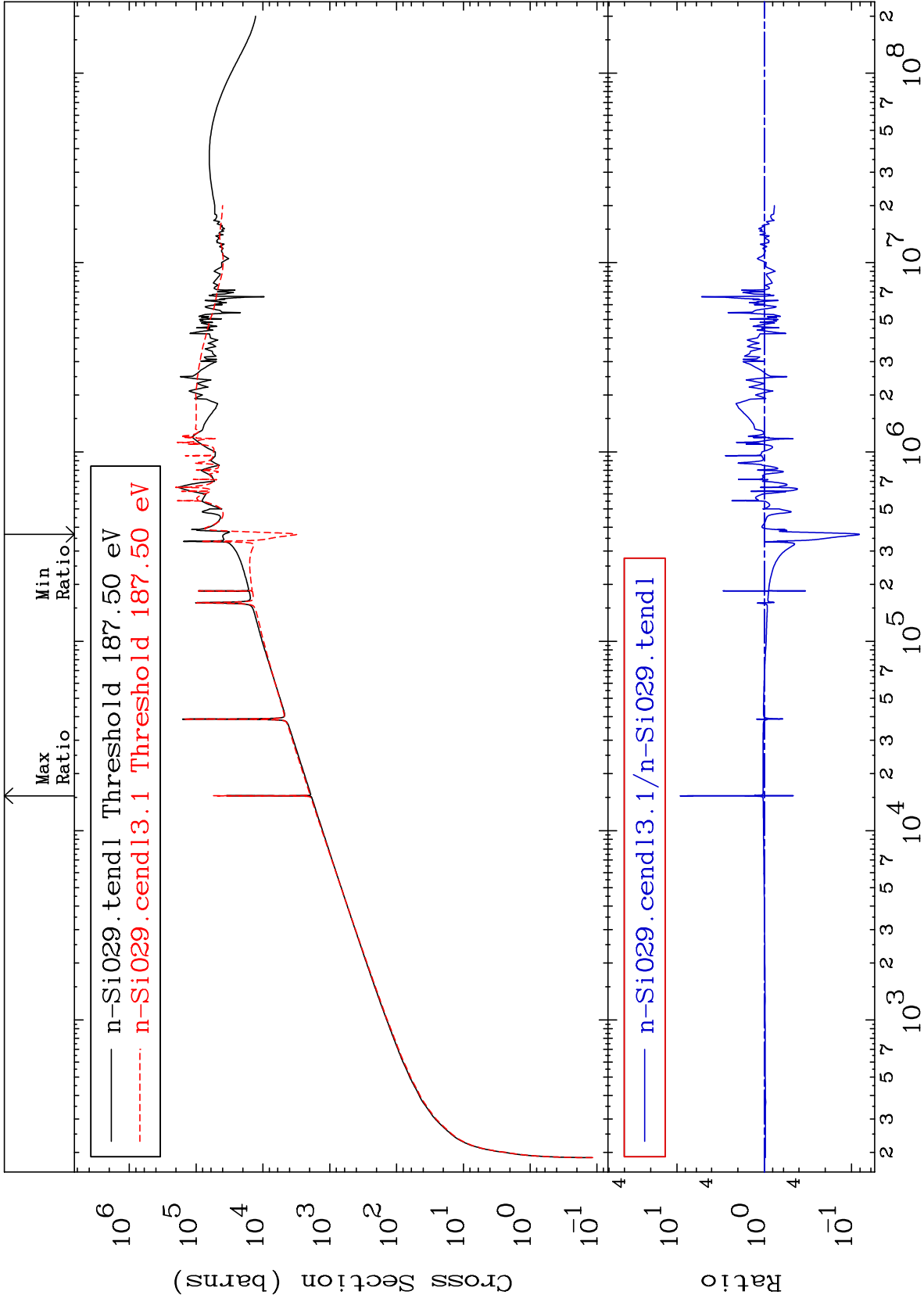
14-Si-29
-99.98 To 162.0 %

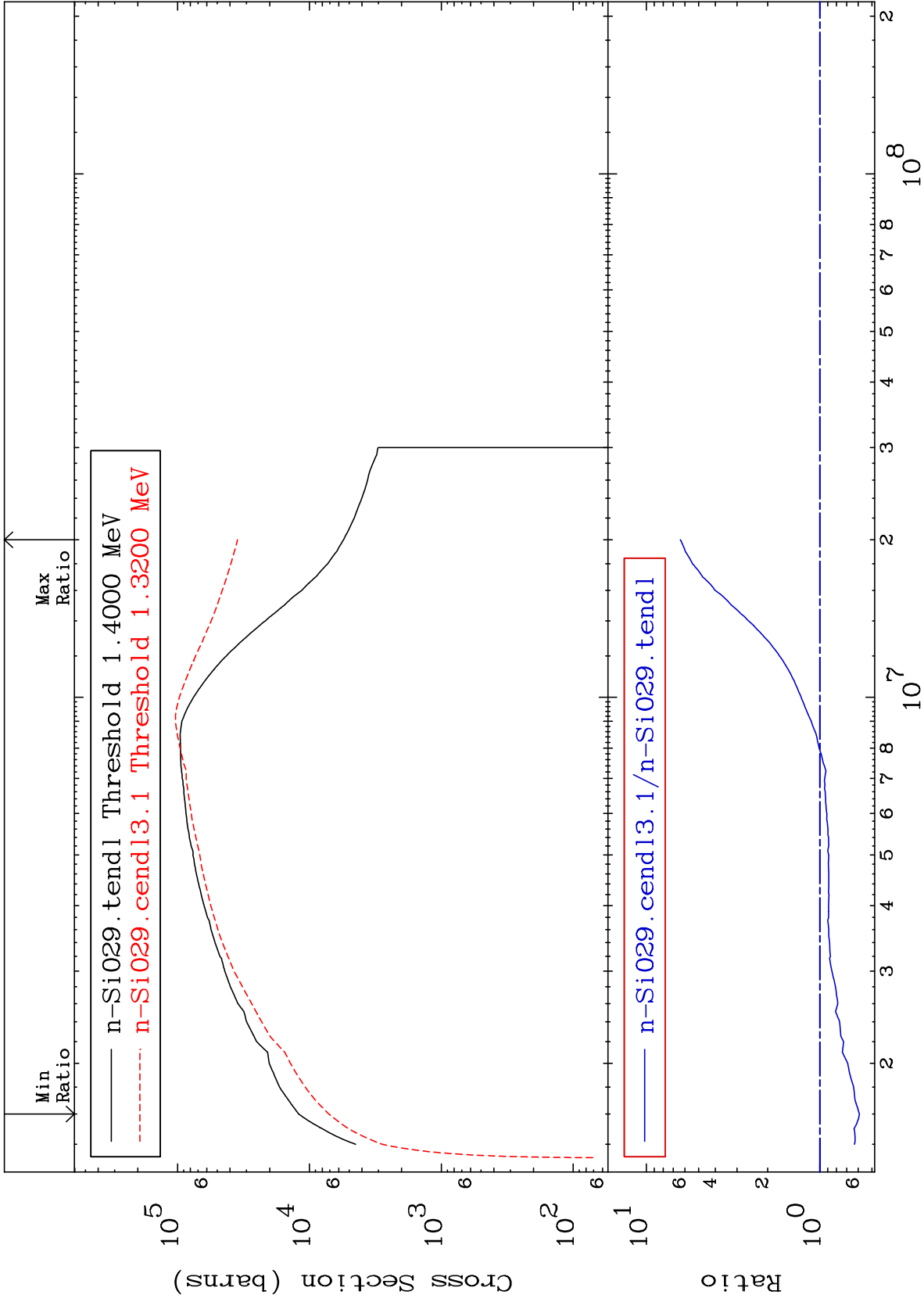


40

14-Si-29







MAT 1428

Dpa disappearance (mt102 -120)
Cross Section

14-Si-29
-84.77 To 9999. %

