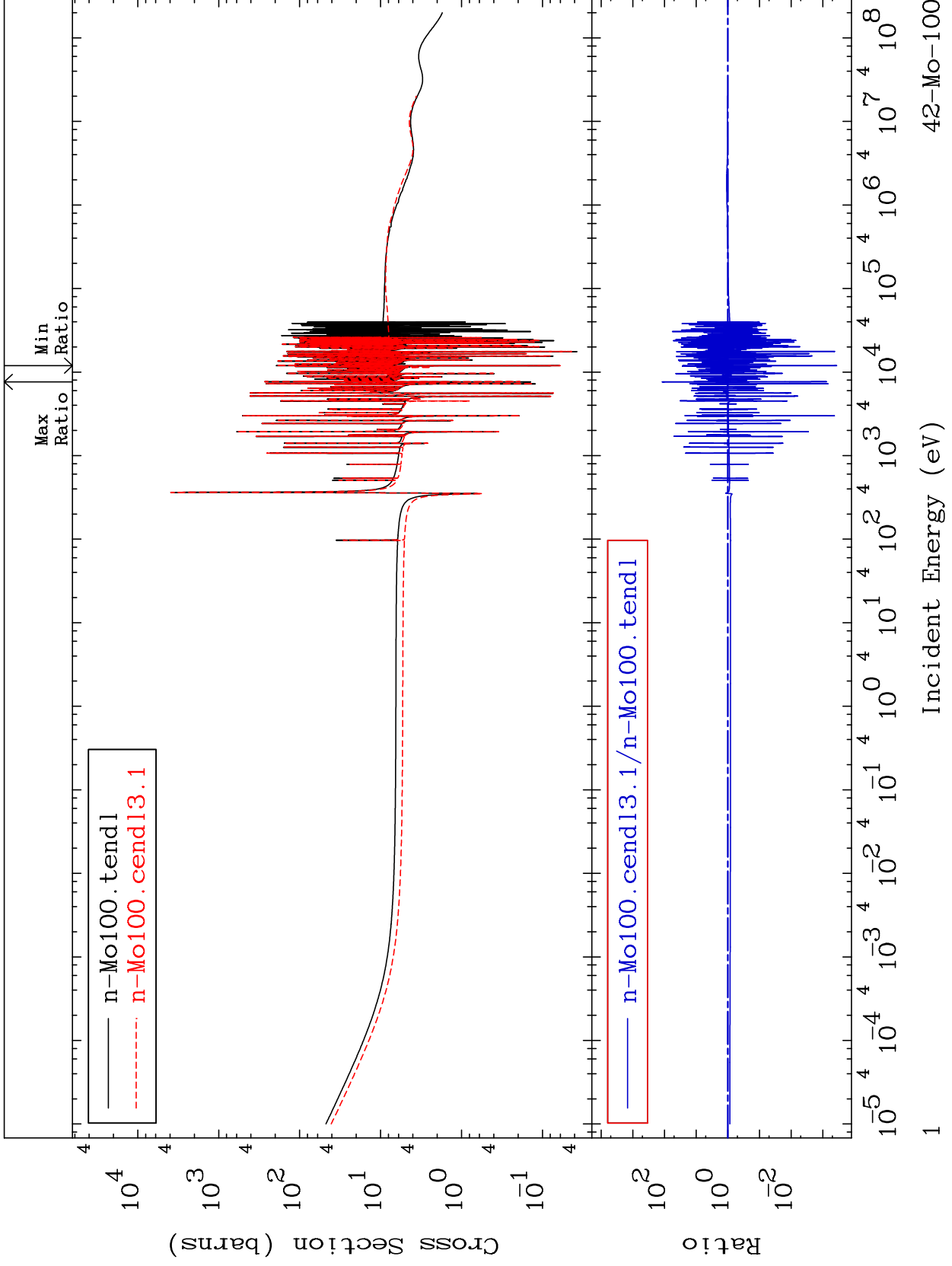


MAT 4249

Total
Cross Section

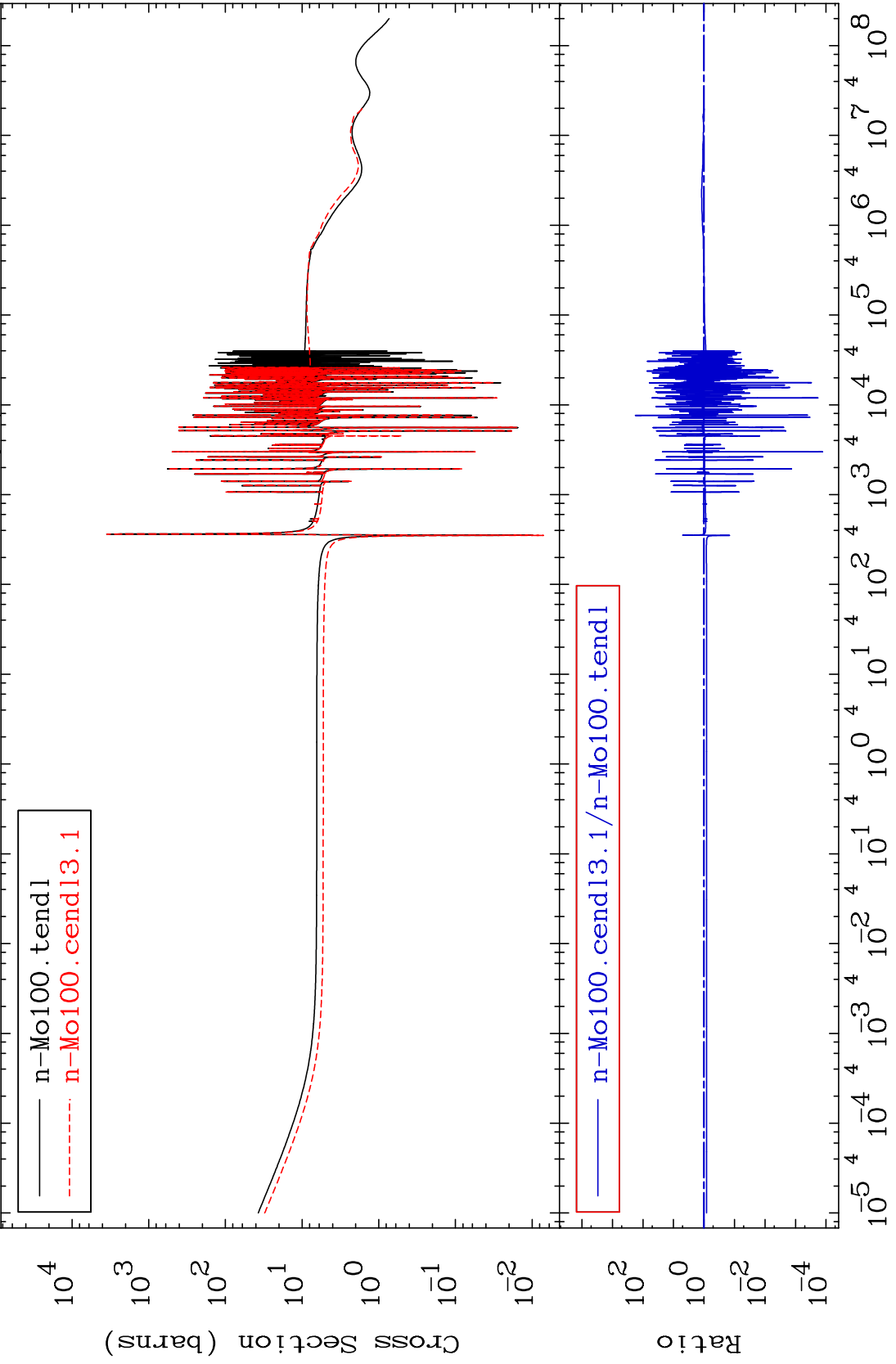
42-Mo-100
-99.96 To 9999. %



MAT 4249

Elastic
Cross Section

42-Mo-100
-99.99 To 9999. %



2

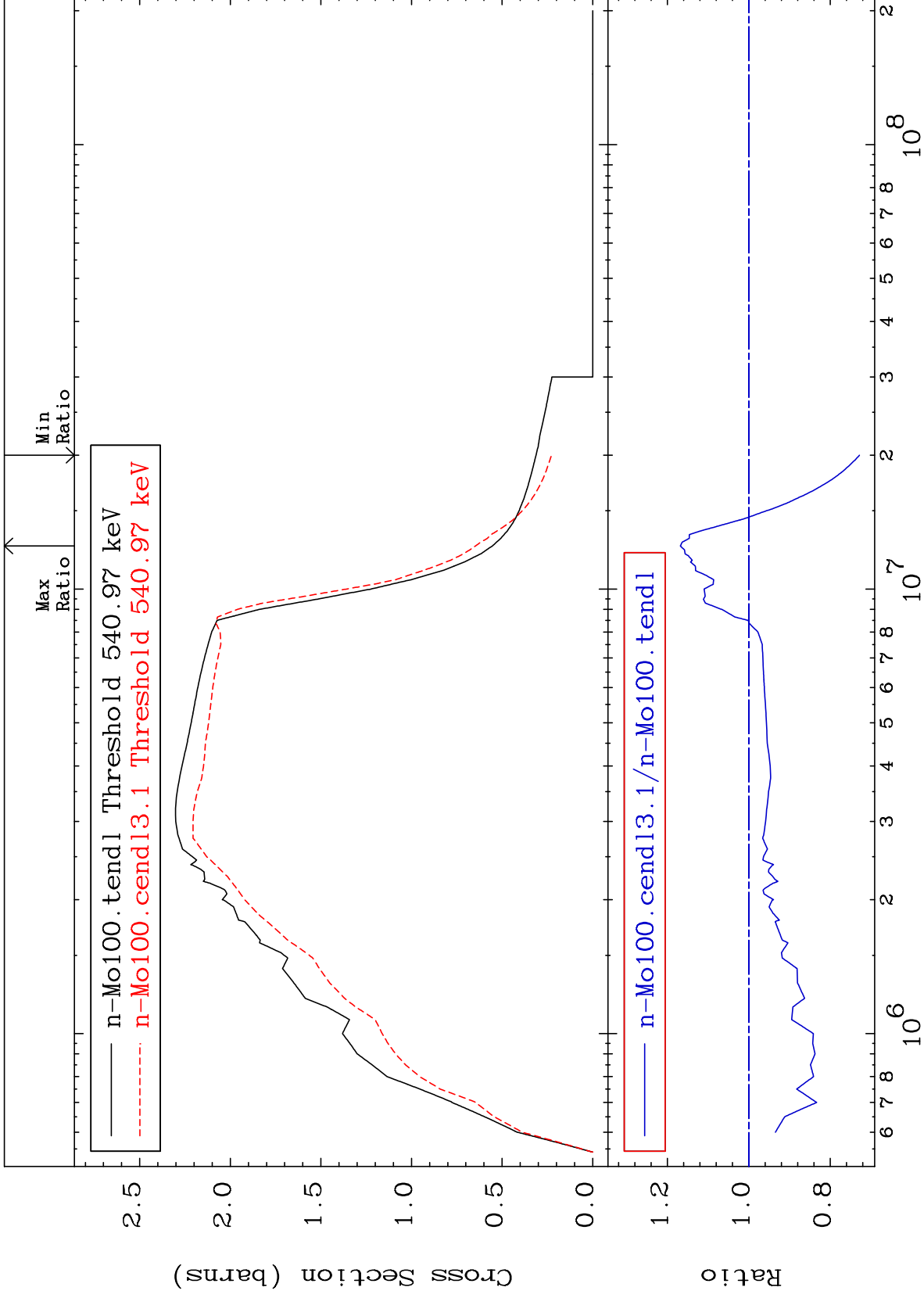
Incident Energy (eV)

42-Mo-100

MAT 4249

Inelastic
Cross Section

42-Mo-100
-27.18 To 16.82 %



3

Incident Energy (eV)

42-Mo-100

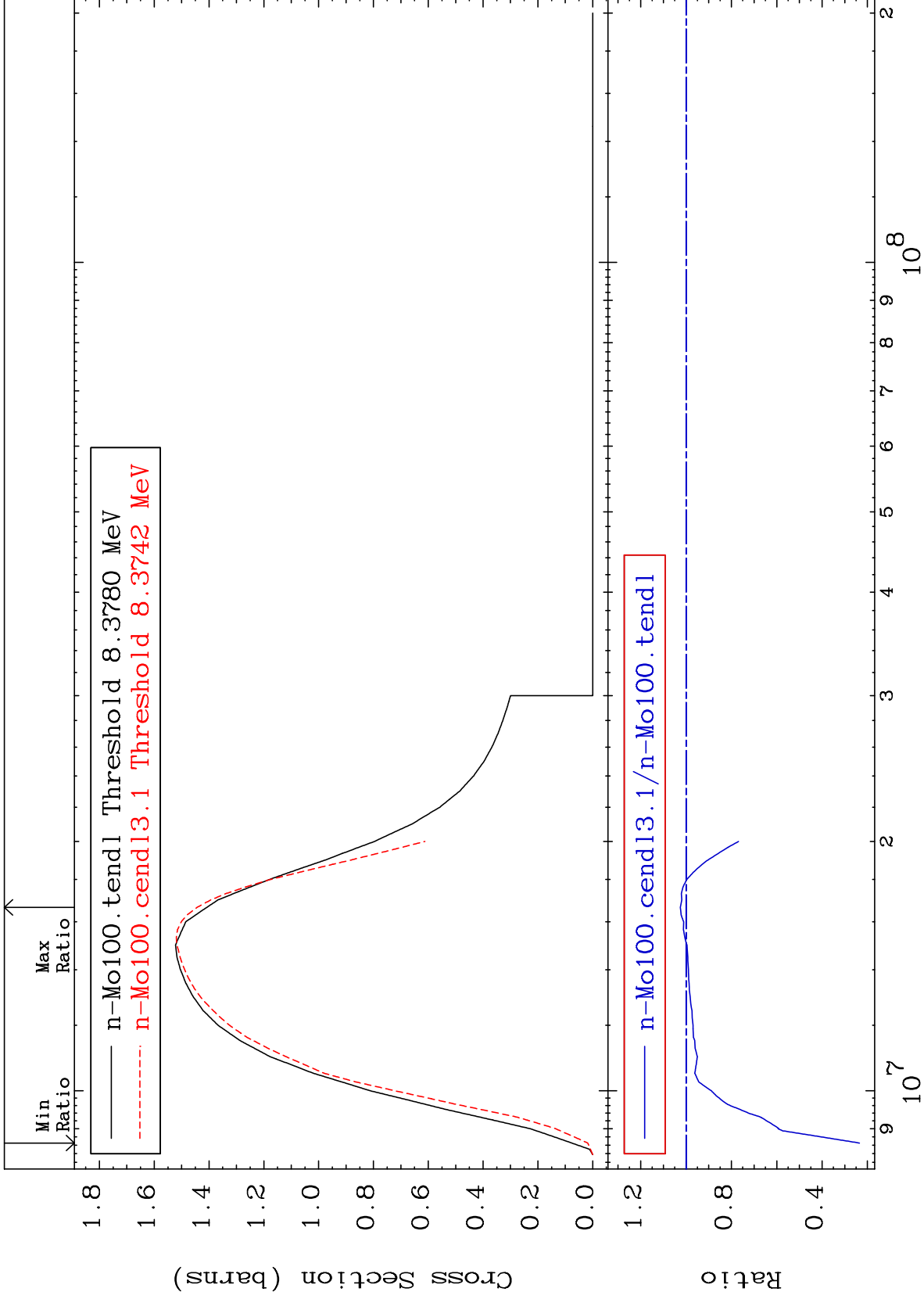
MAT 4249

(n,2n)

42-Mo-100

Cross Section

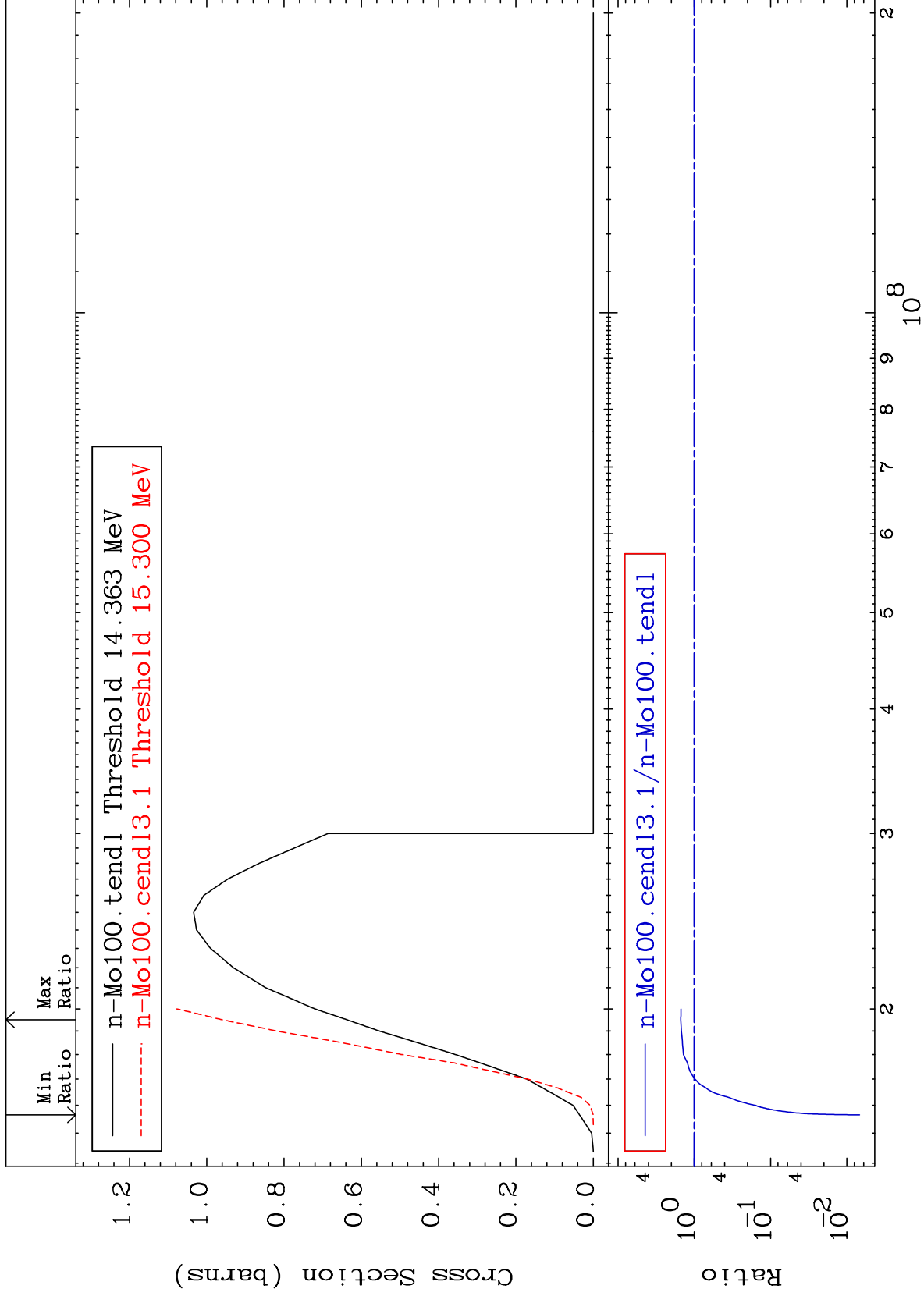
-76.46 To 2.519 %



4

Incident Energy (eV)

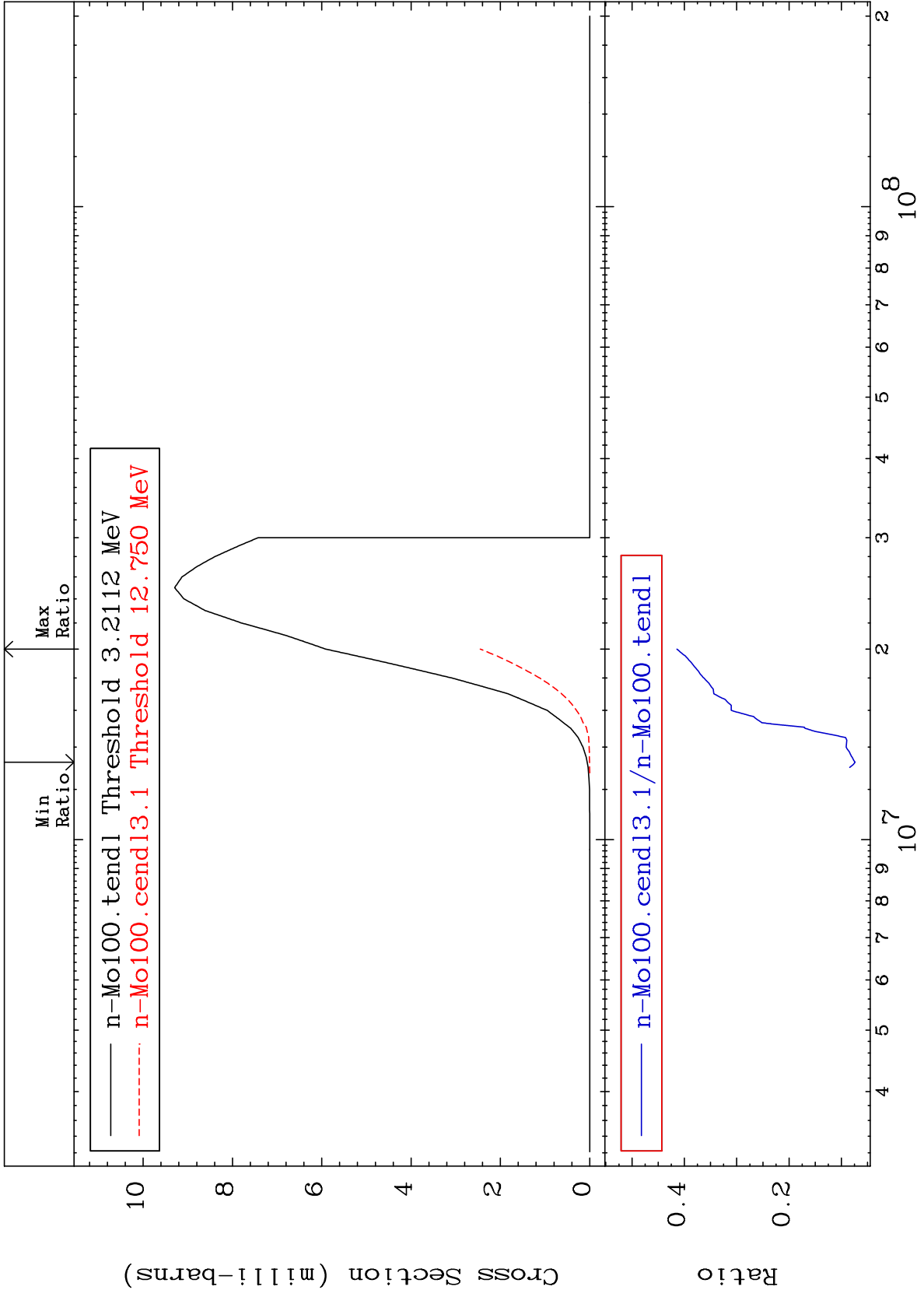
42-Mo-100



MAT 4249

42-Mo-100
-92.61 To -58.58%

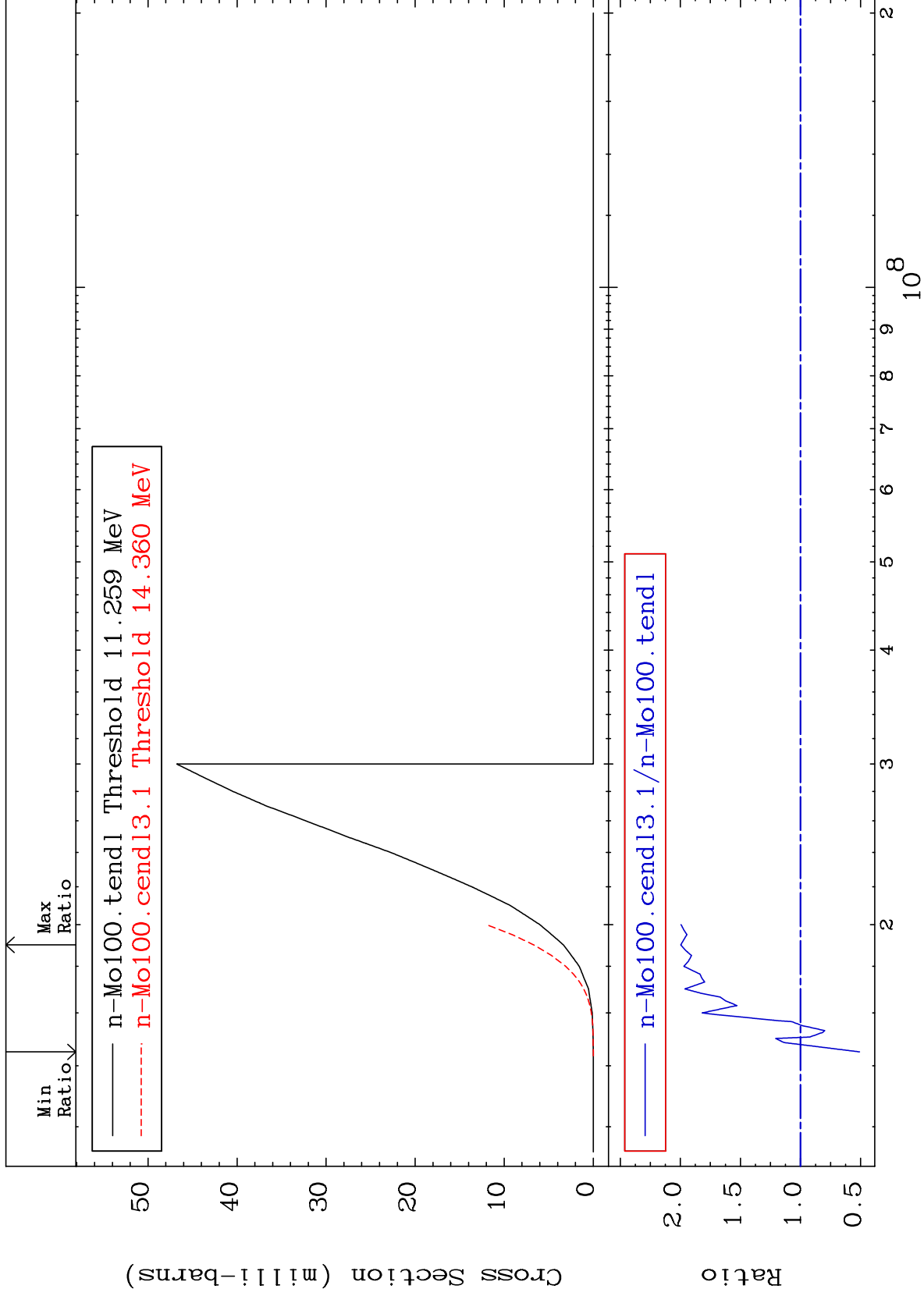
(n, n') α
Cross Section



MAT 4249

(n,n') p
Cross Section

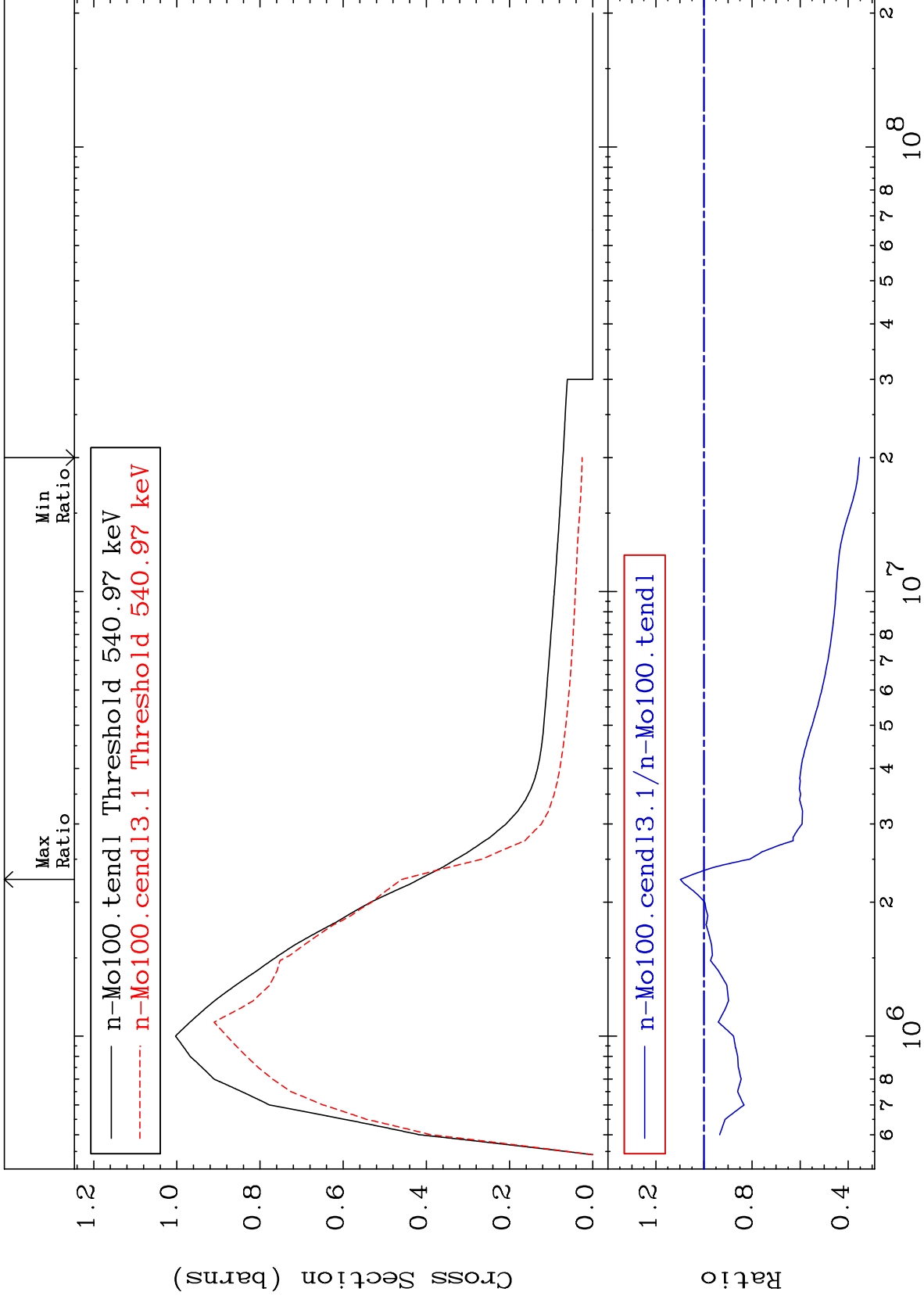
42-Mo-100
-49.14 To 99.65 %



MAT 4249

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

42-Mo-100
-64.68 To 9.818 %



8

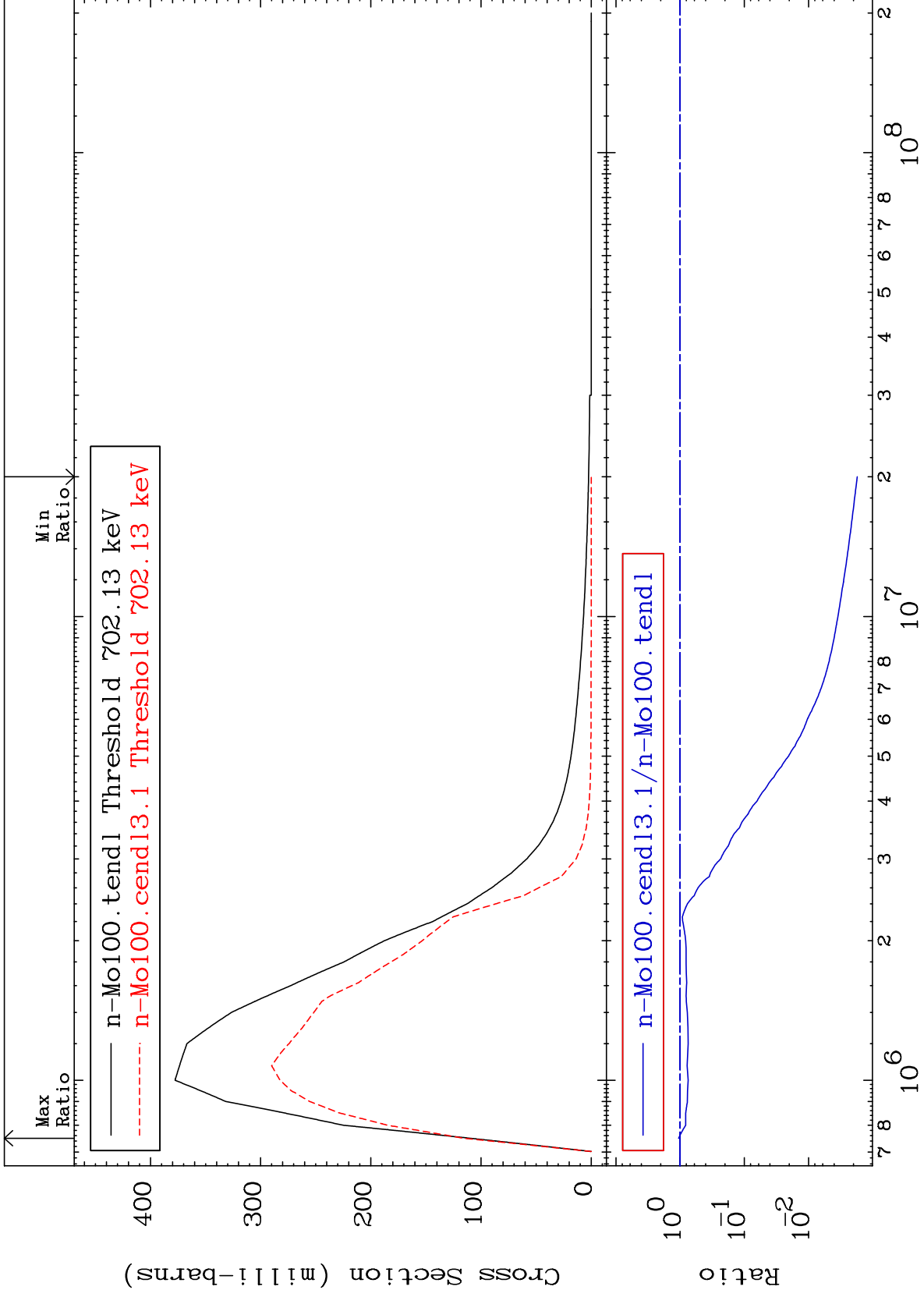
Incident Energy (eV)

42-Mo-100

MAT 4249

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

42-Mo-100
-99.83 To 5.458 %



9

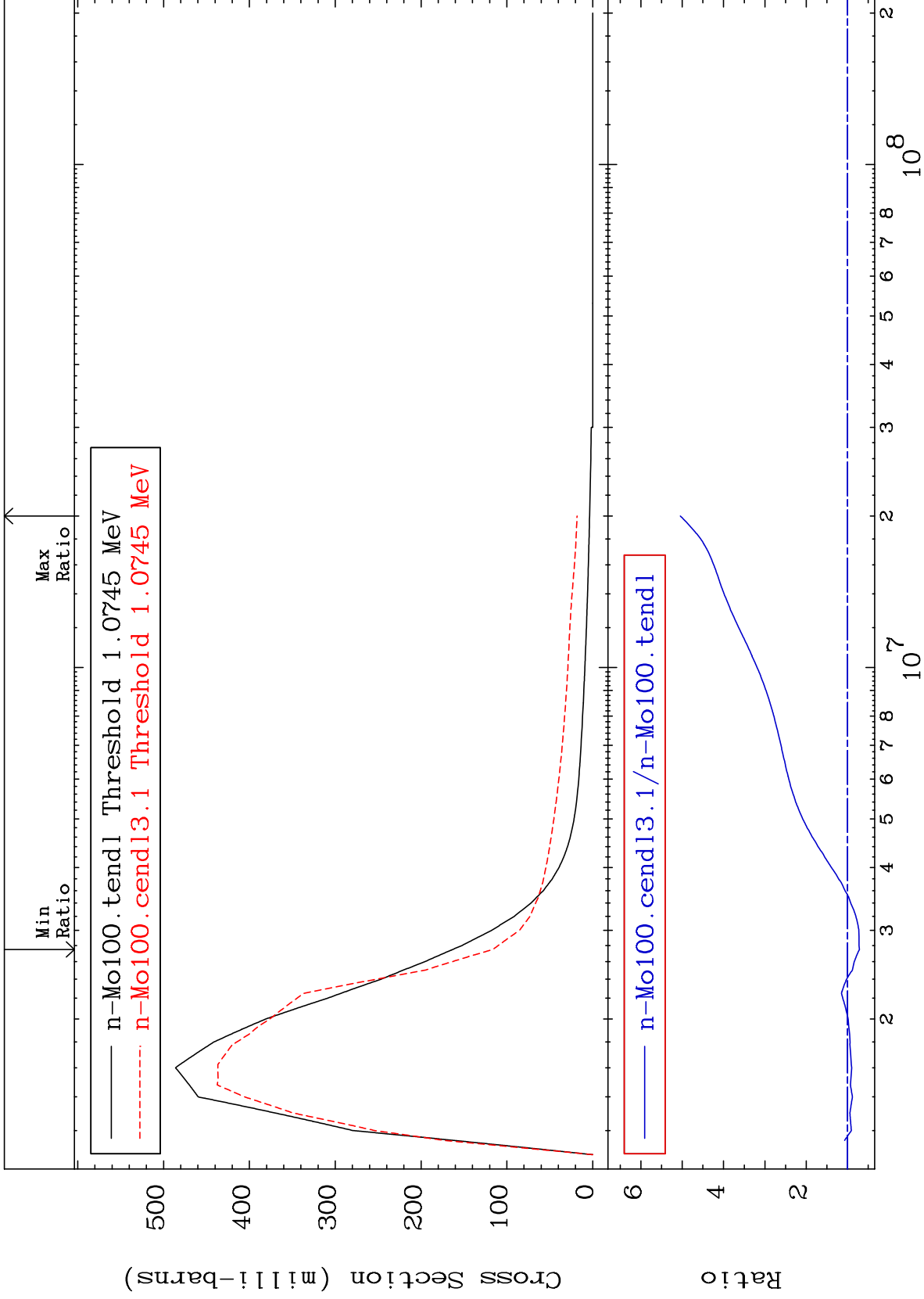
Incident Energy (eV)

42-Mo-100

MAT 4249

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

42-Mo-100
-28.74 To 404.5 %



10

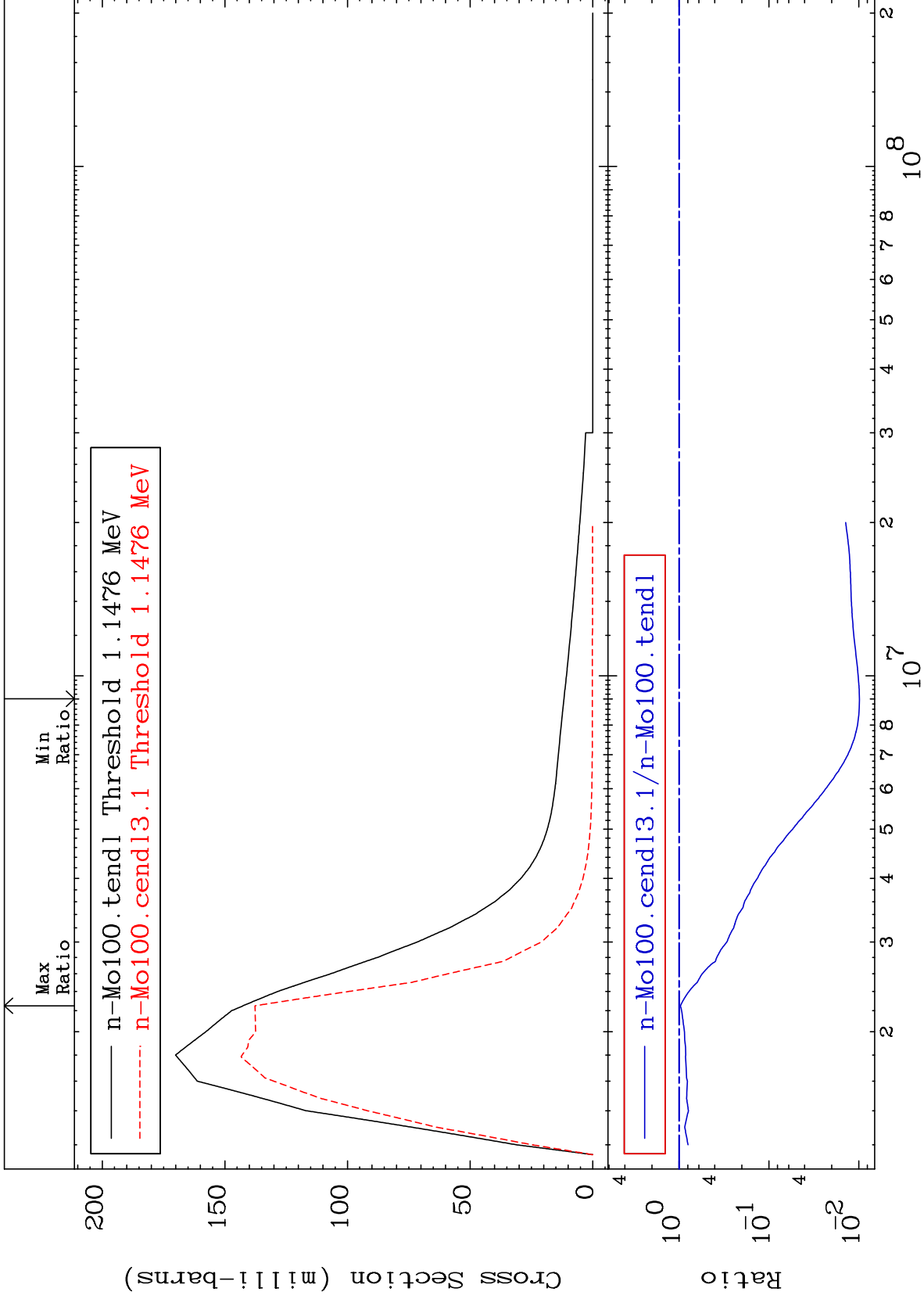
Incident Energy (eV)

42-Mo-100

MAT 4249

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

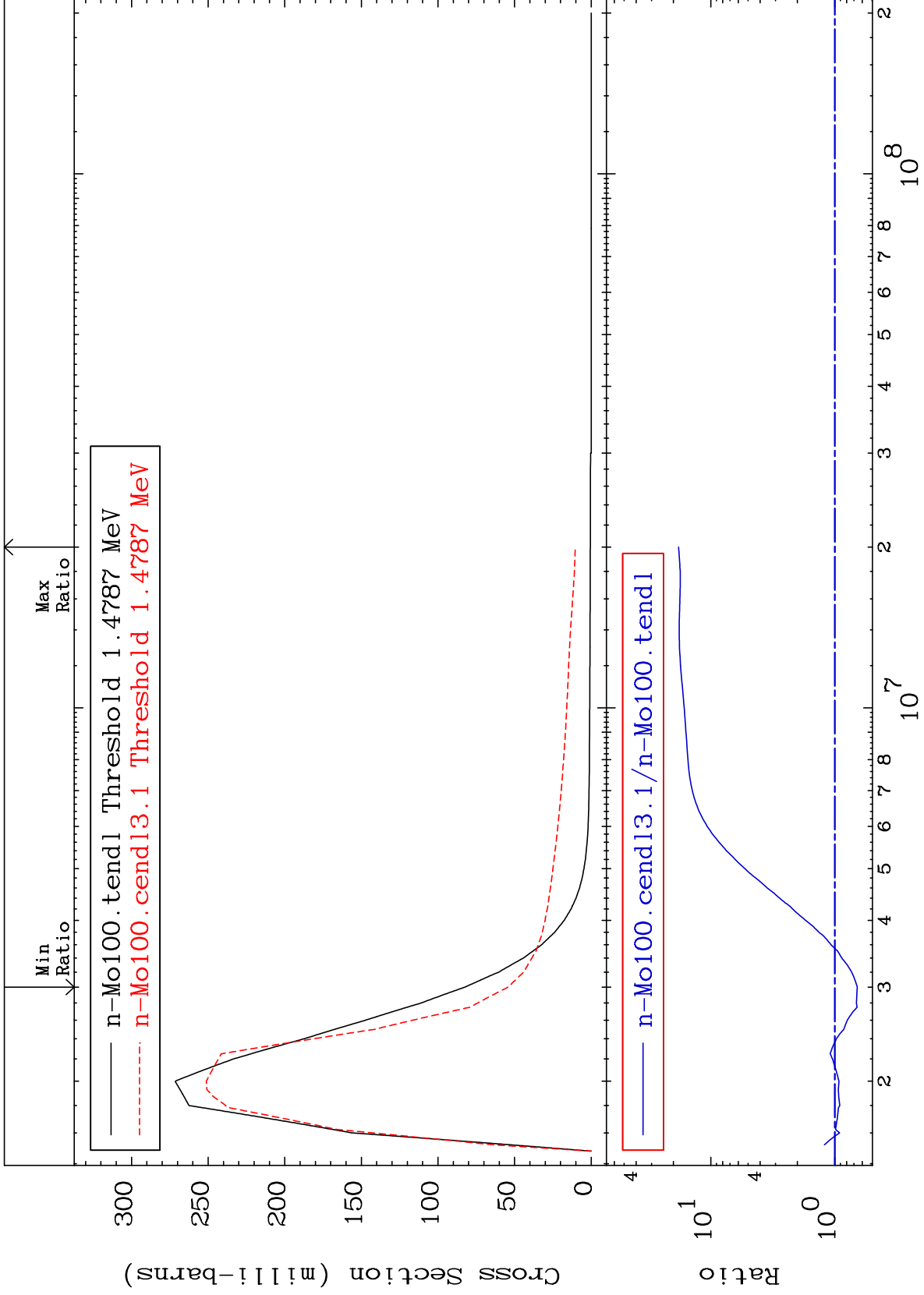
42-Mo-100
-99.02 To -3.383%



MAT 4249

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

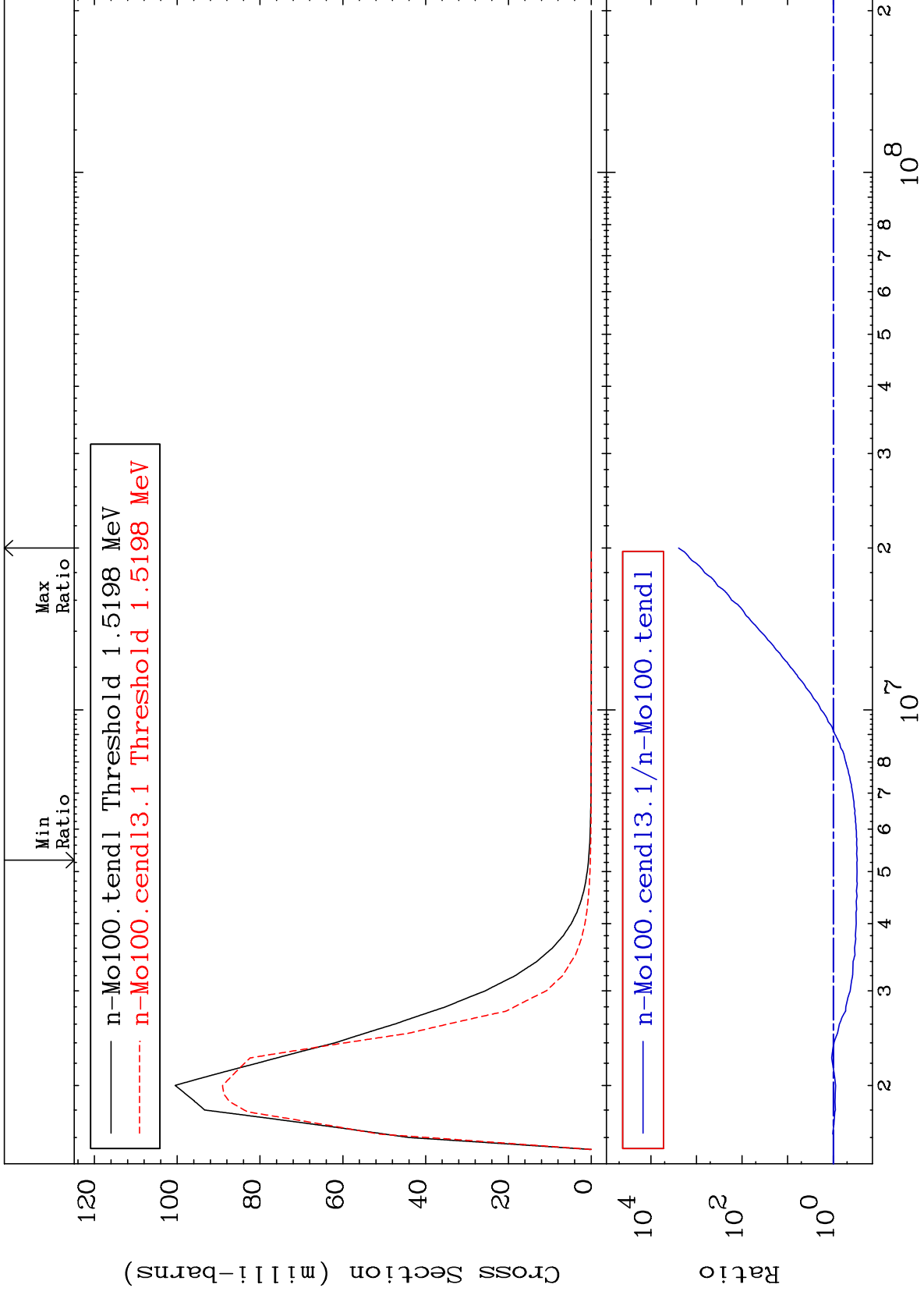
42-Mo-100
-34.23 To 1715. %



MAT 4249

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

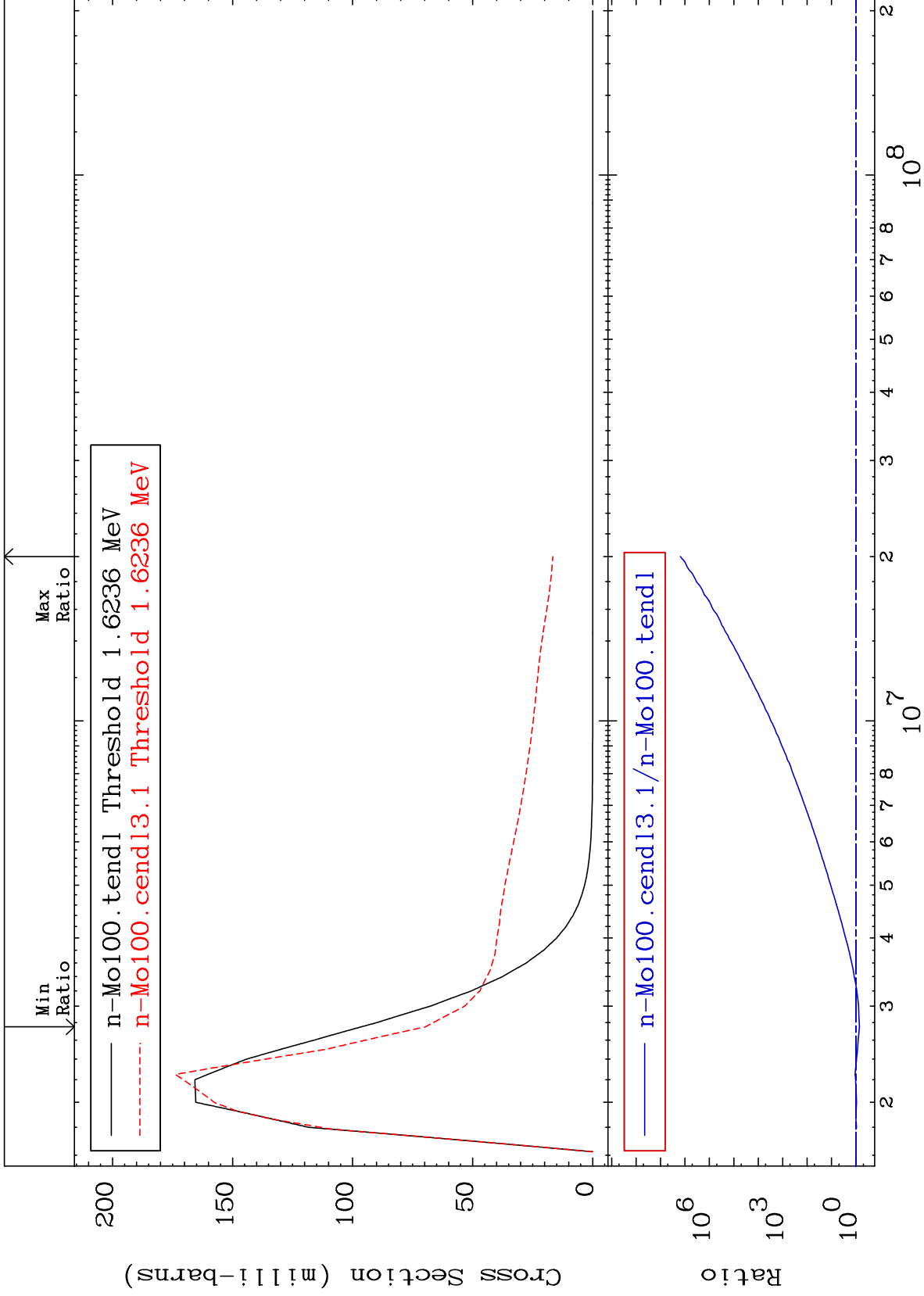
42-Mo-100
-70.27 To 9999. %



MAT 4249

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

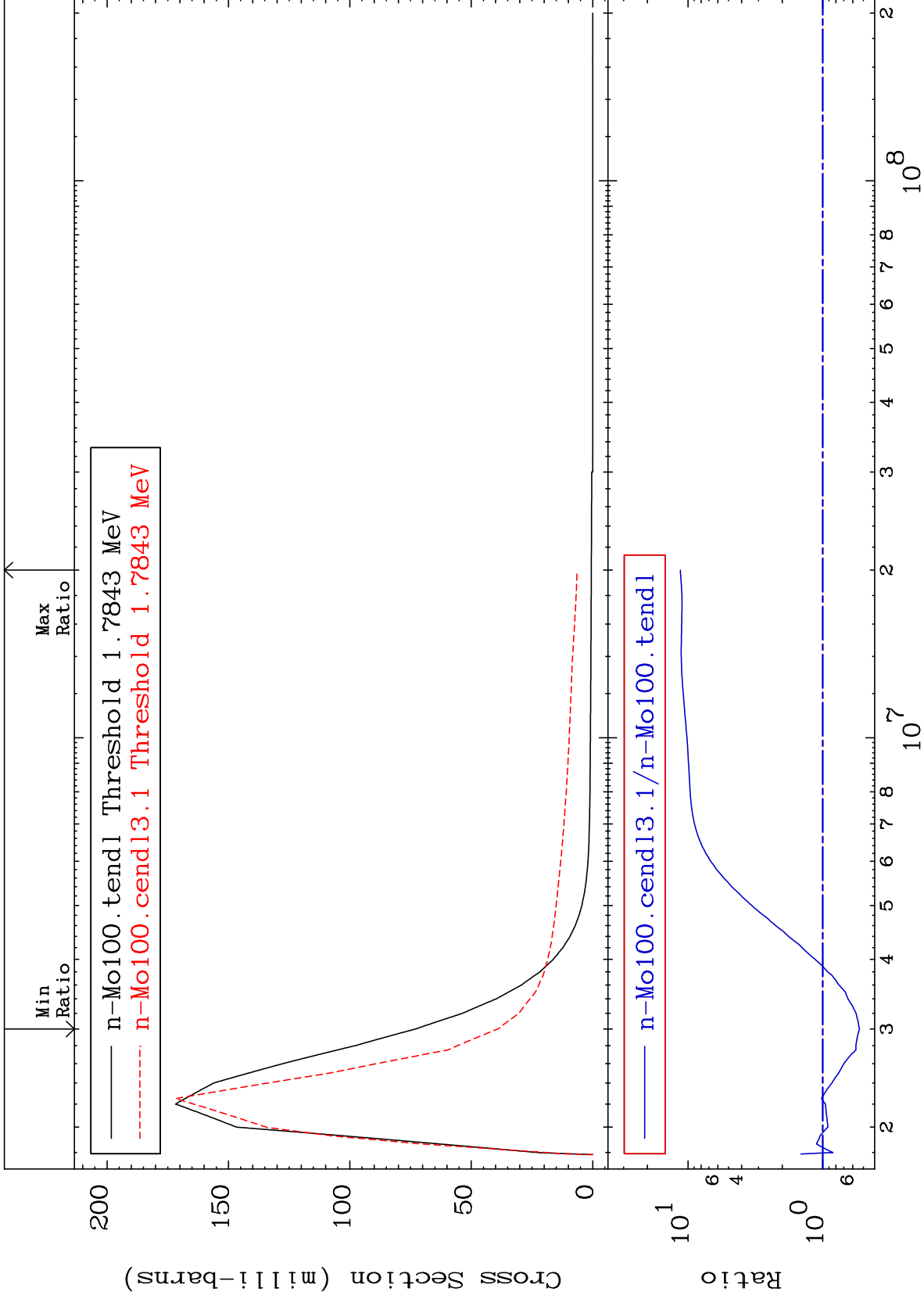
42-Mo-100
-27.73 To 9999. %



MAT 4249

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

42-Mo-100
-46.49 To 1039. %



15

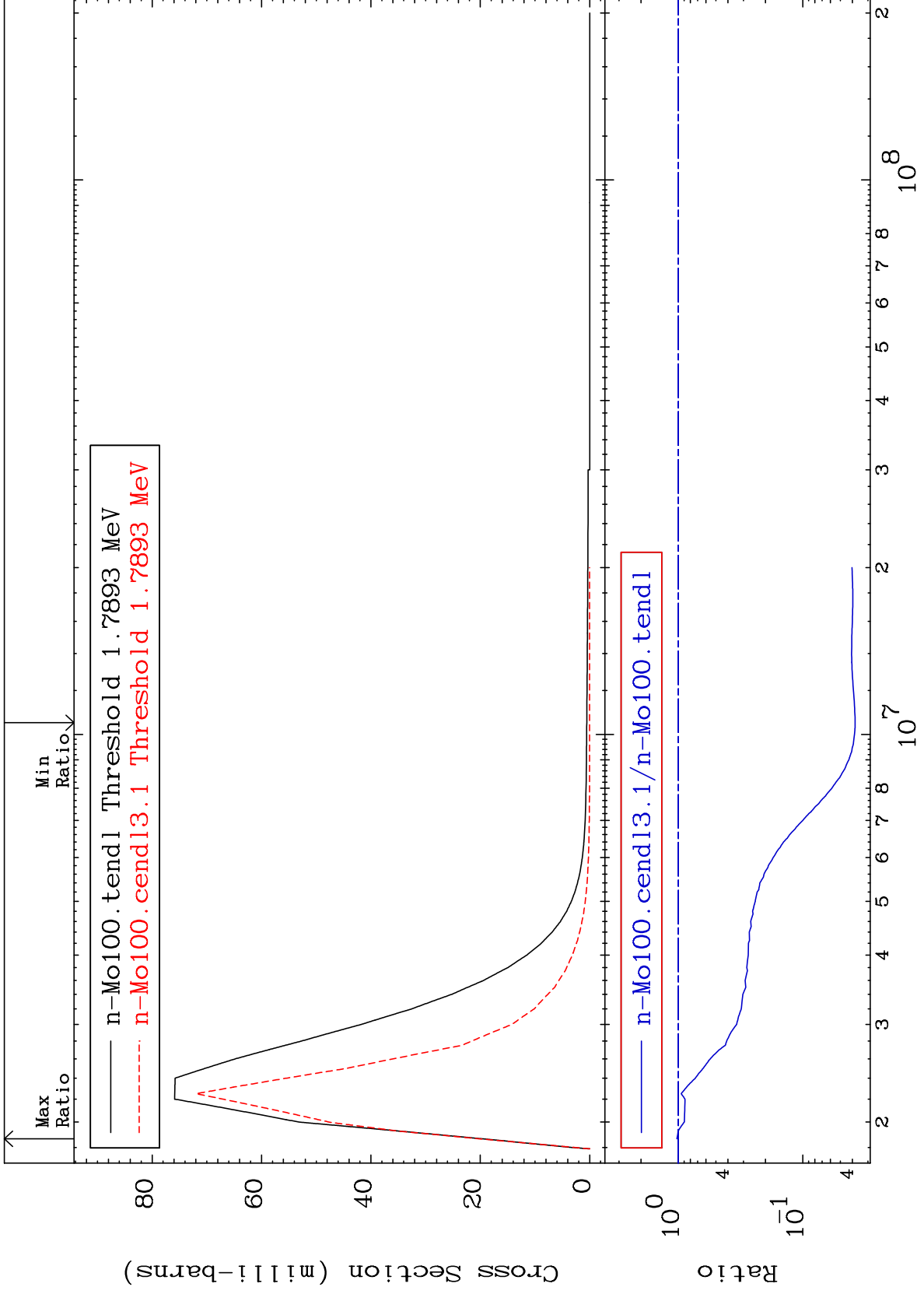
Incident Energy (eV)

42-Mo-100

MAT 4249

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

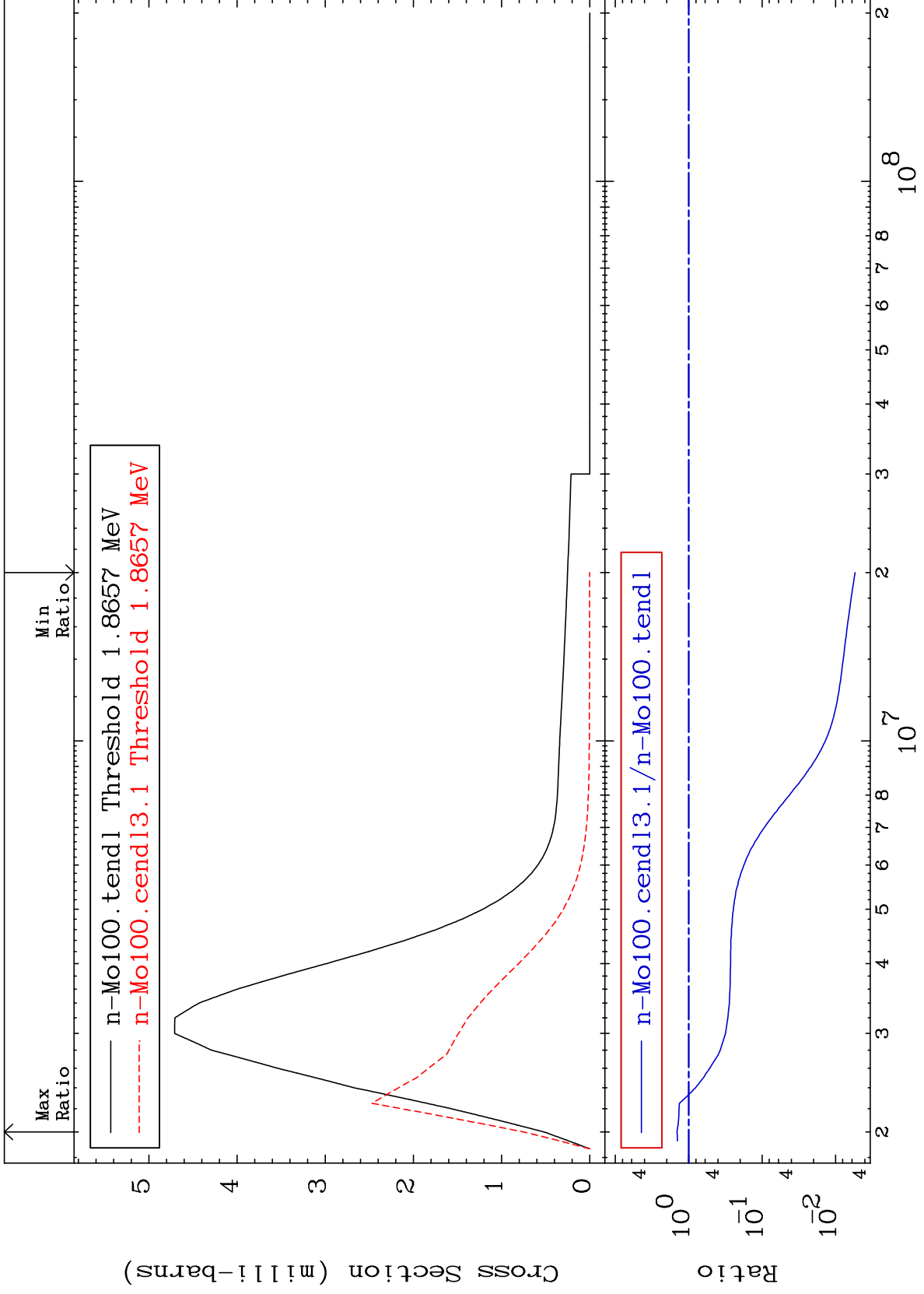
42-Mo-100
-96.20 To 2.747 %



MAT 4249

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

42-Mo-100
-99.46 To 44.92 %



17

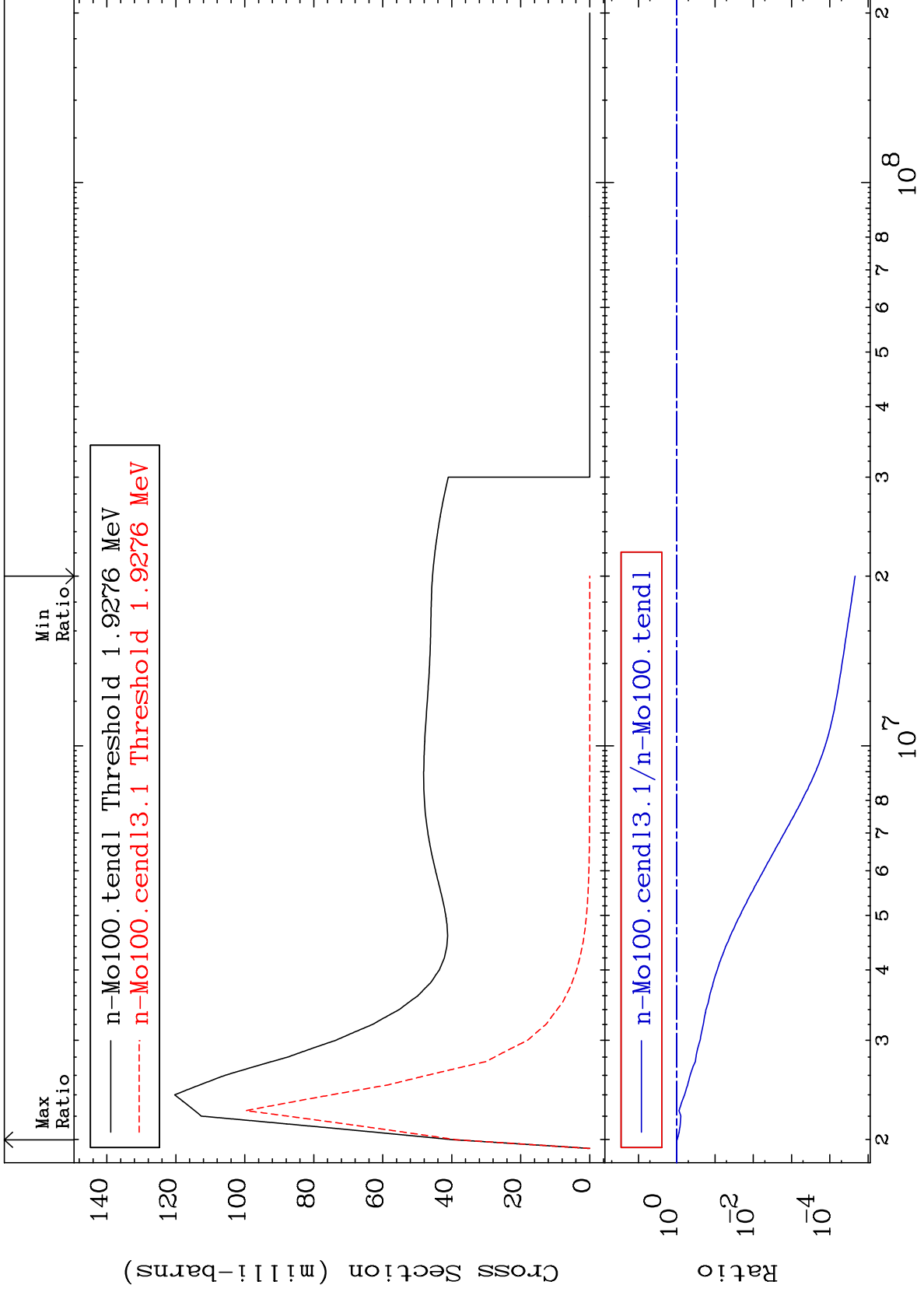
Incident Energy (eV)

42-Mo-100

MAT 4249

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

42-Mo-100
-100.0 To -1.307%



18

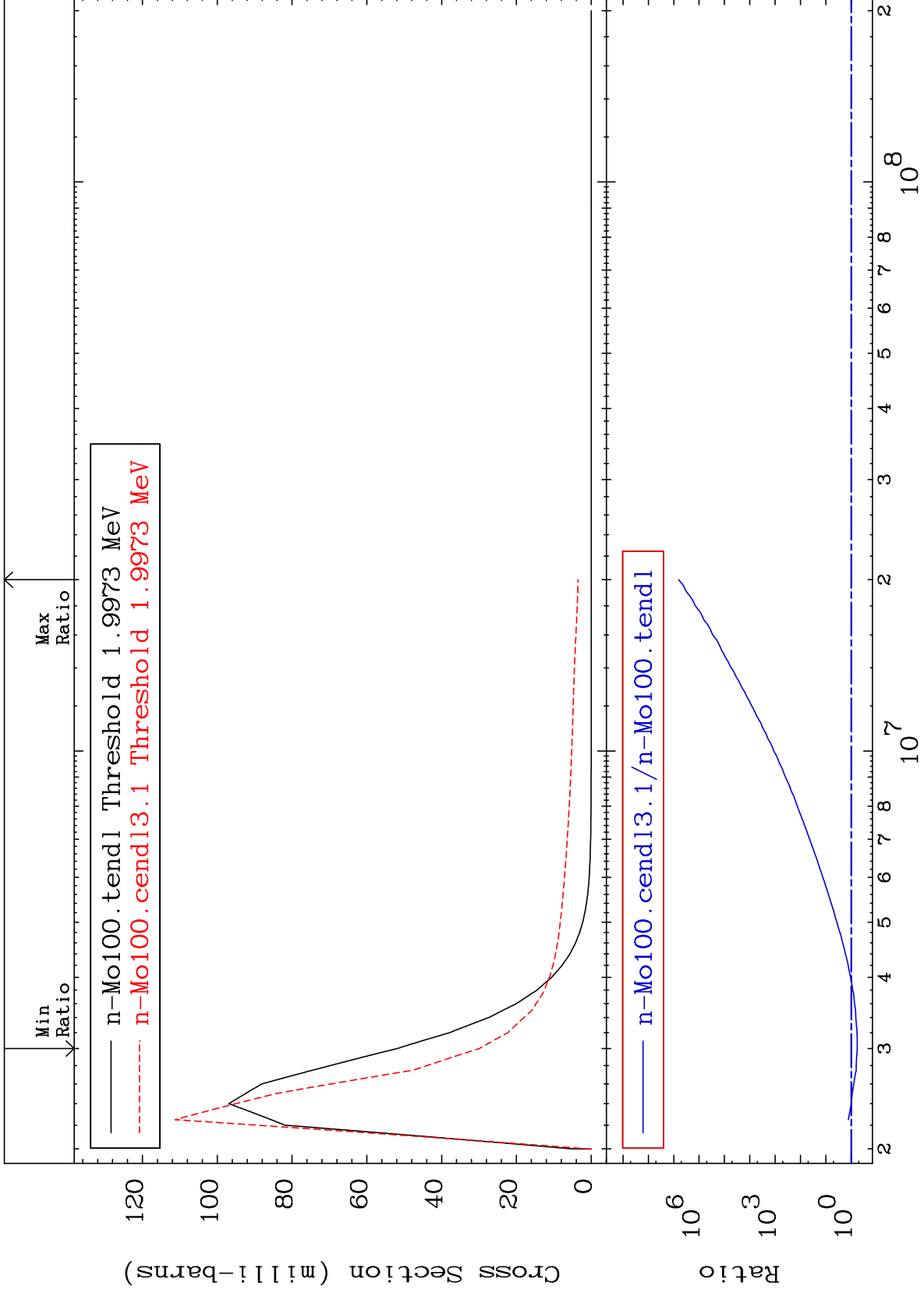
Incident Energy (eV)

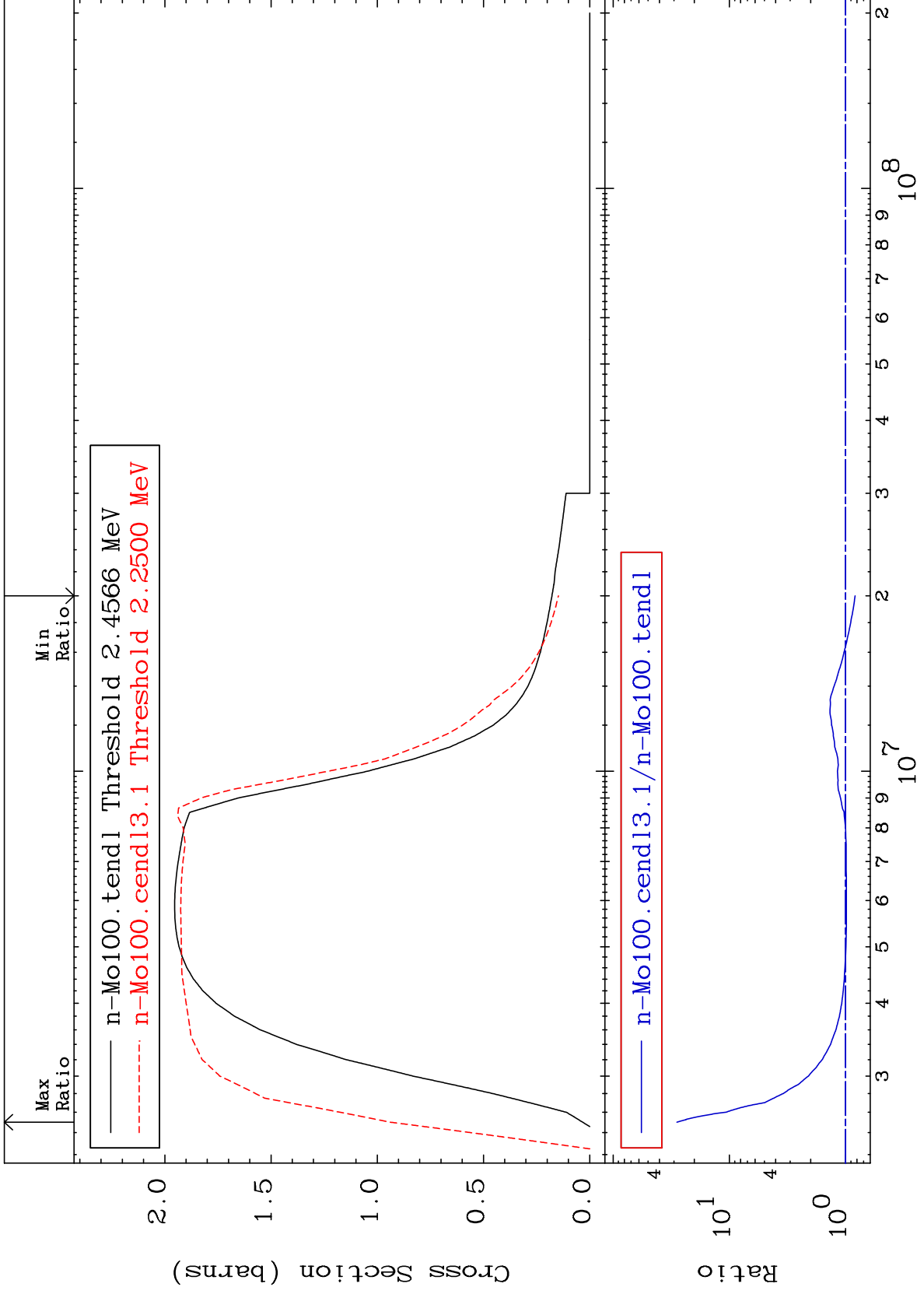
42-Mo-100

MAT 4249

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

42-Mo-100
-42.43 To 9999. %





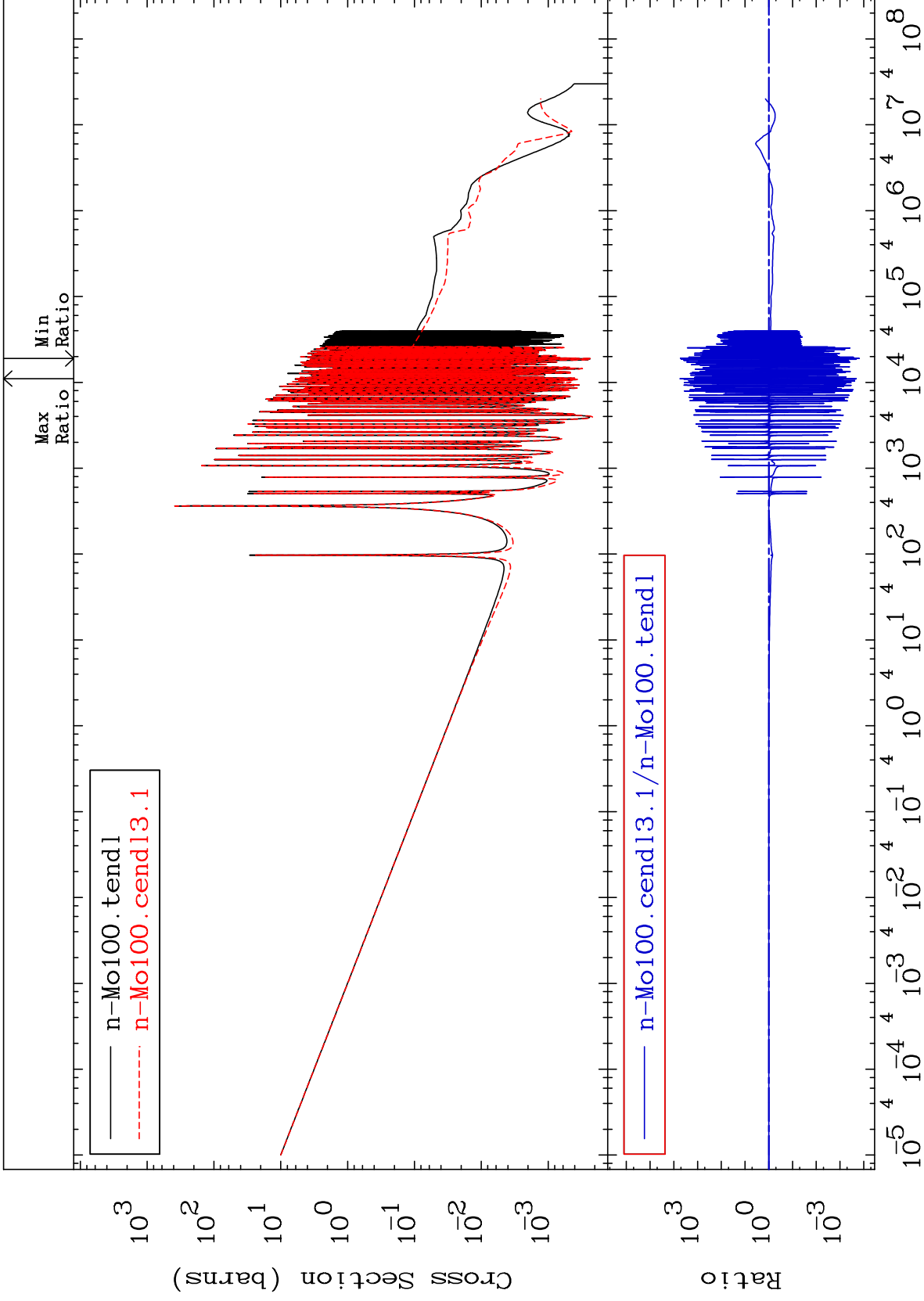
MAT 4249

(n, γ)

42-Mo-100

Cross Section

-99.98 To 9999. %



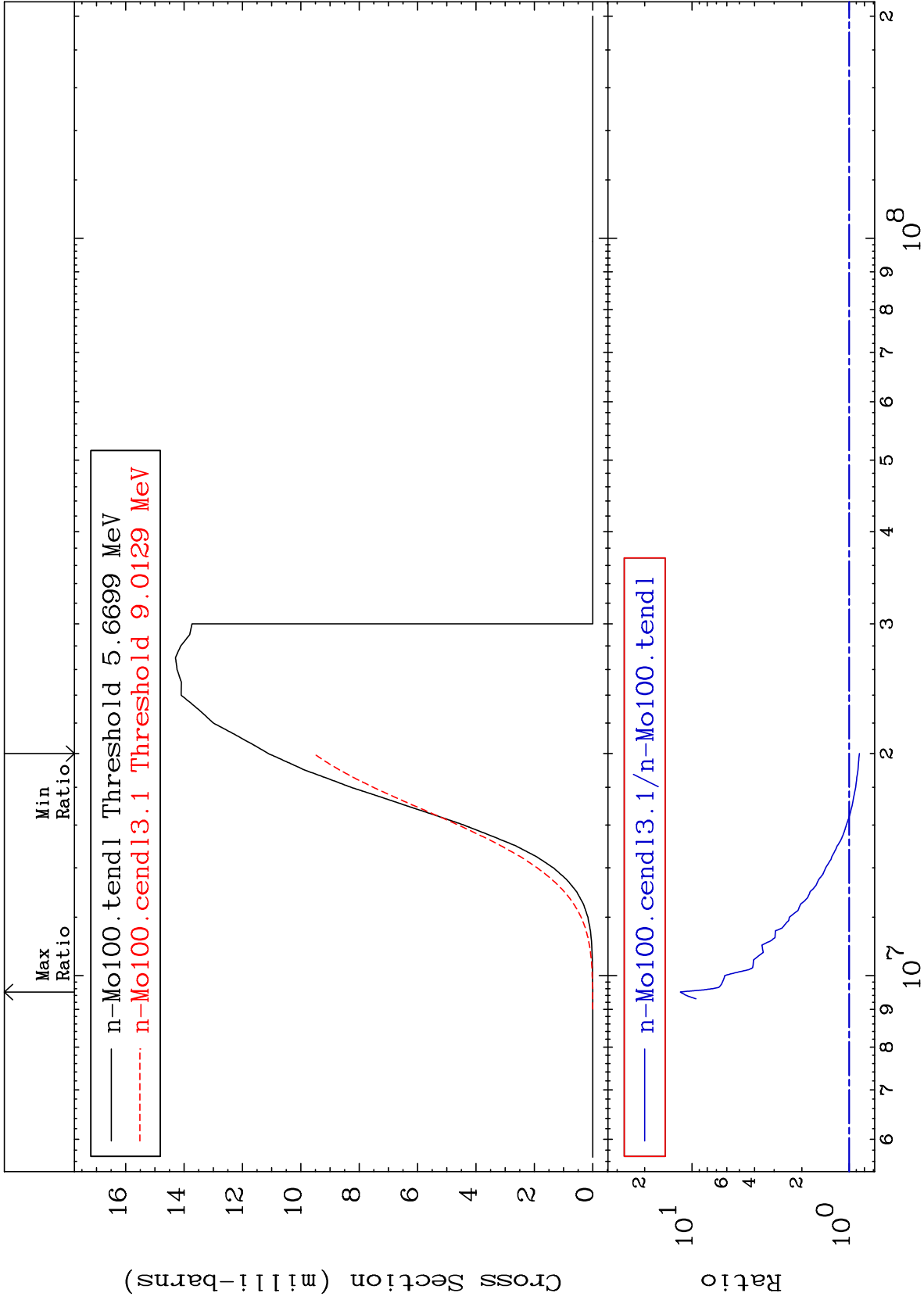
MAT 4249

(n,p)

42-Mo-100

Cross Section

-13.98 To 1086. %



MAT 4249

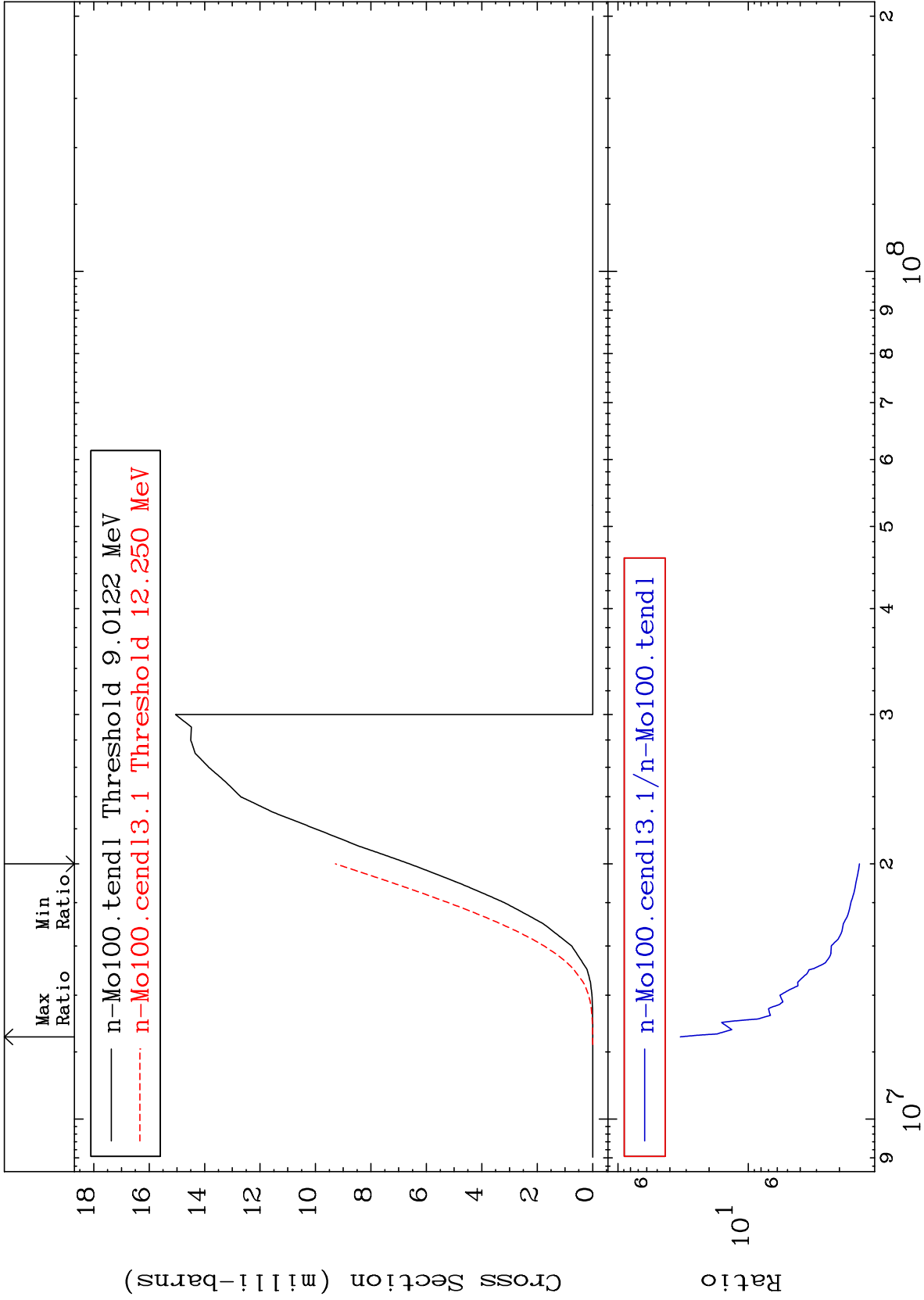
(n, d)

42-Mo-100

Cross Section

40.43

To 3219. %



23

42-Mo-100

42-Mo-100

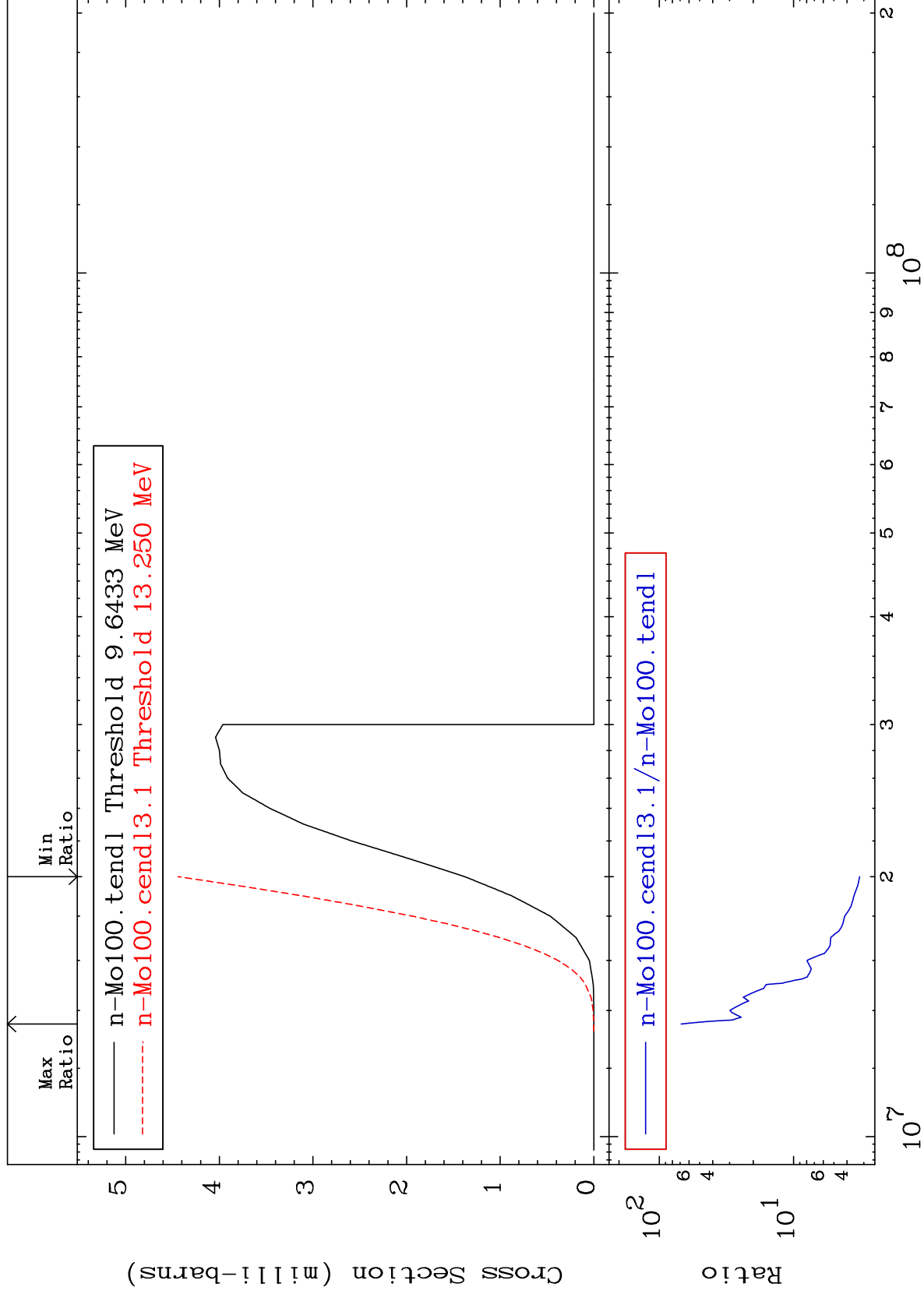
MAT 4249

(n, t)

42-Mo-100

Cross Section

221.9 To 6773. %



24

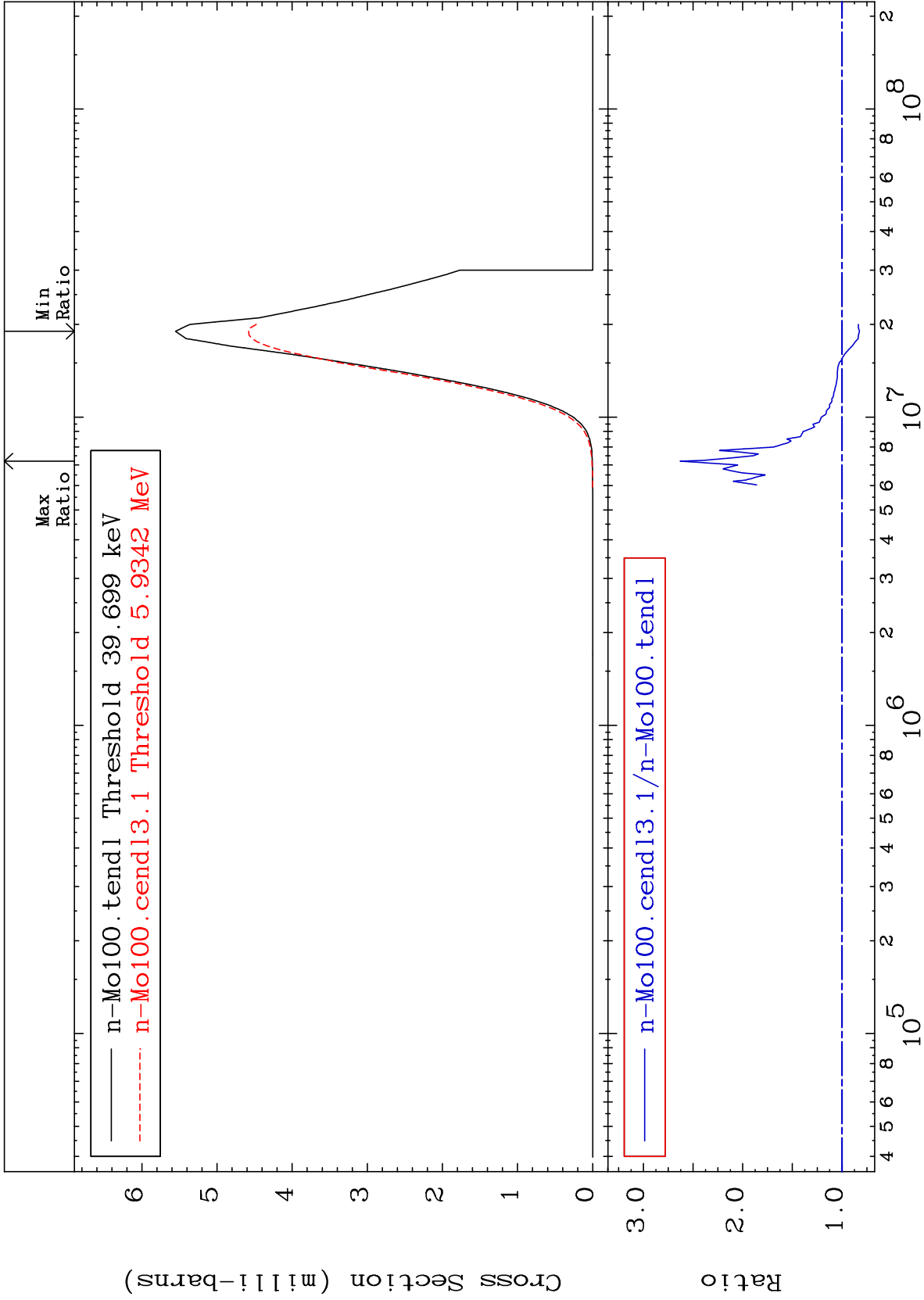
Incident Energy (eV)

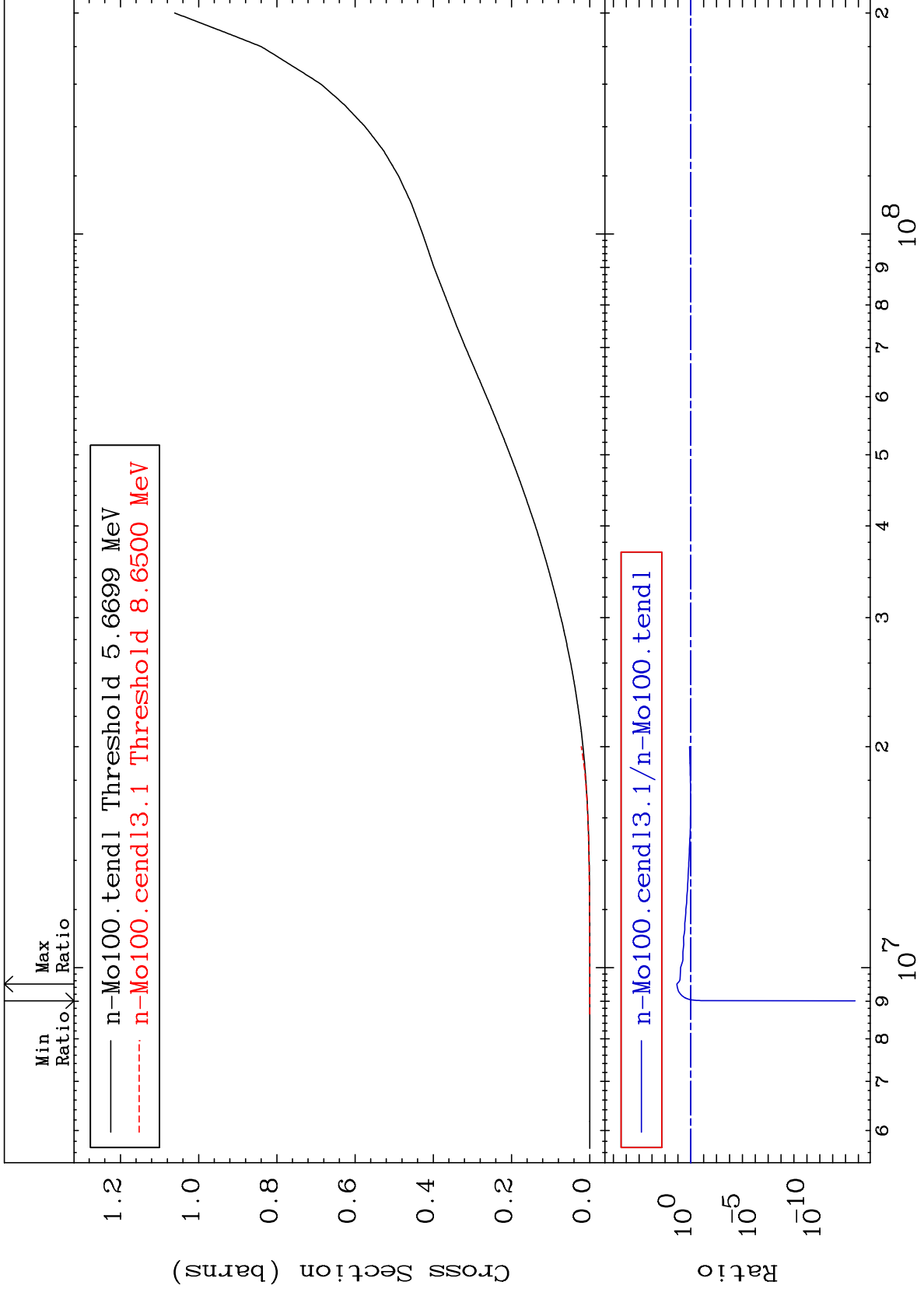
42-Mo-100

MAT 4249

(n, α)
Cross Section

42-Mo-100
-17.53 To 162.8 %

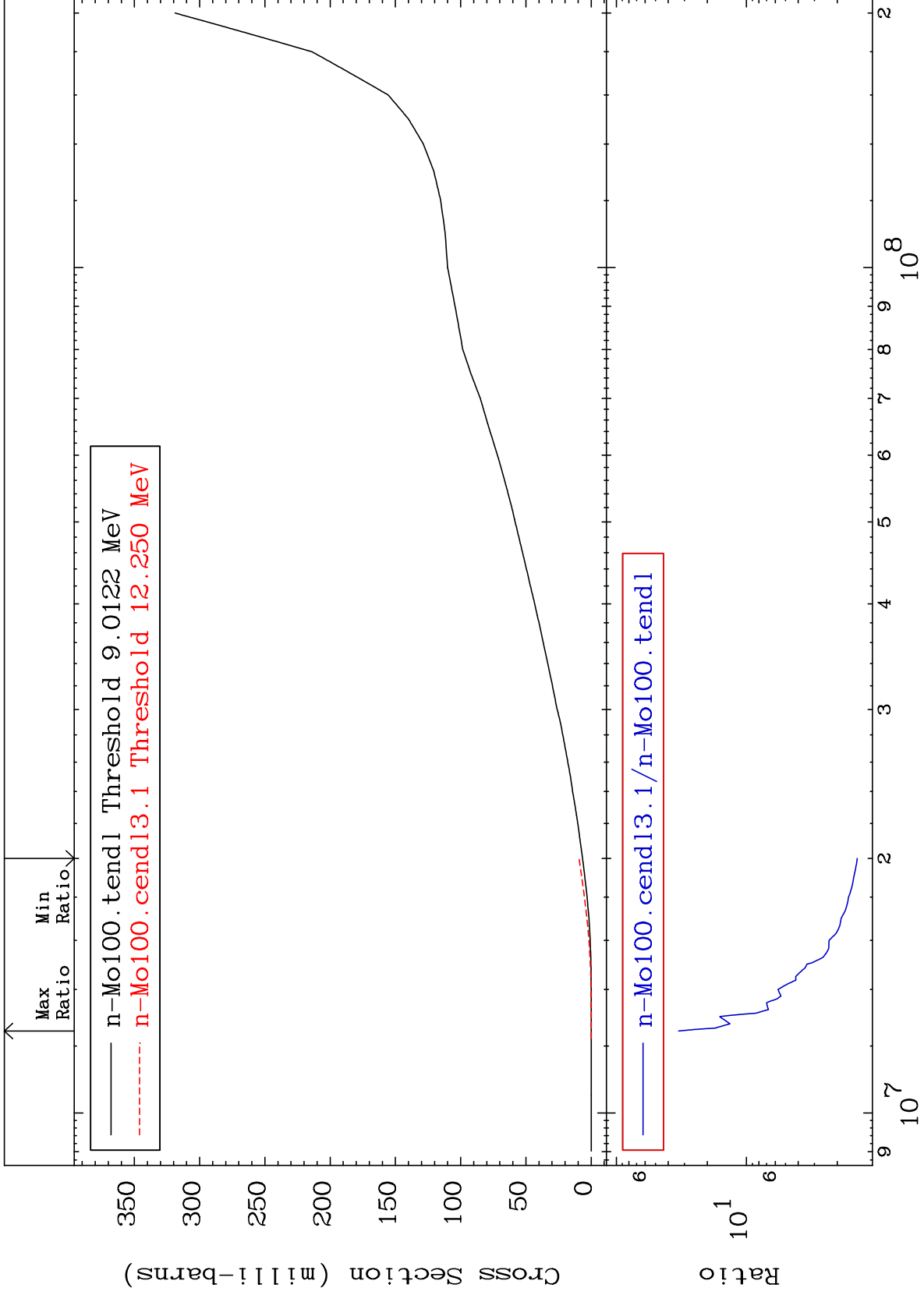




MAT 4249

Deuterium Production
Cross Section

42-Mo-100
40.36 To 3219. %



27

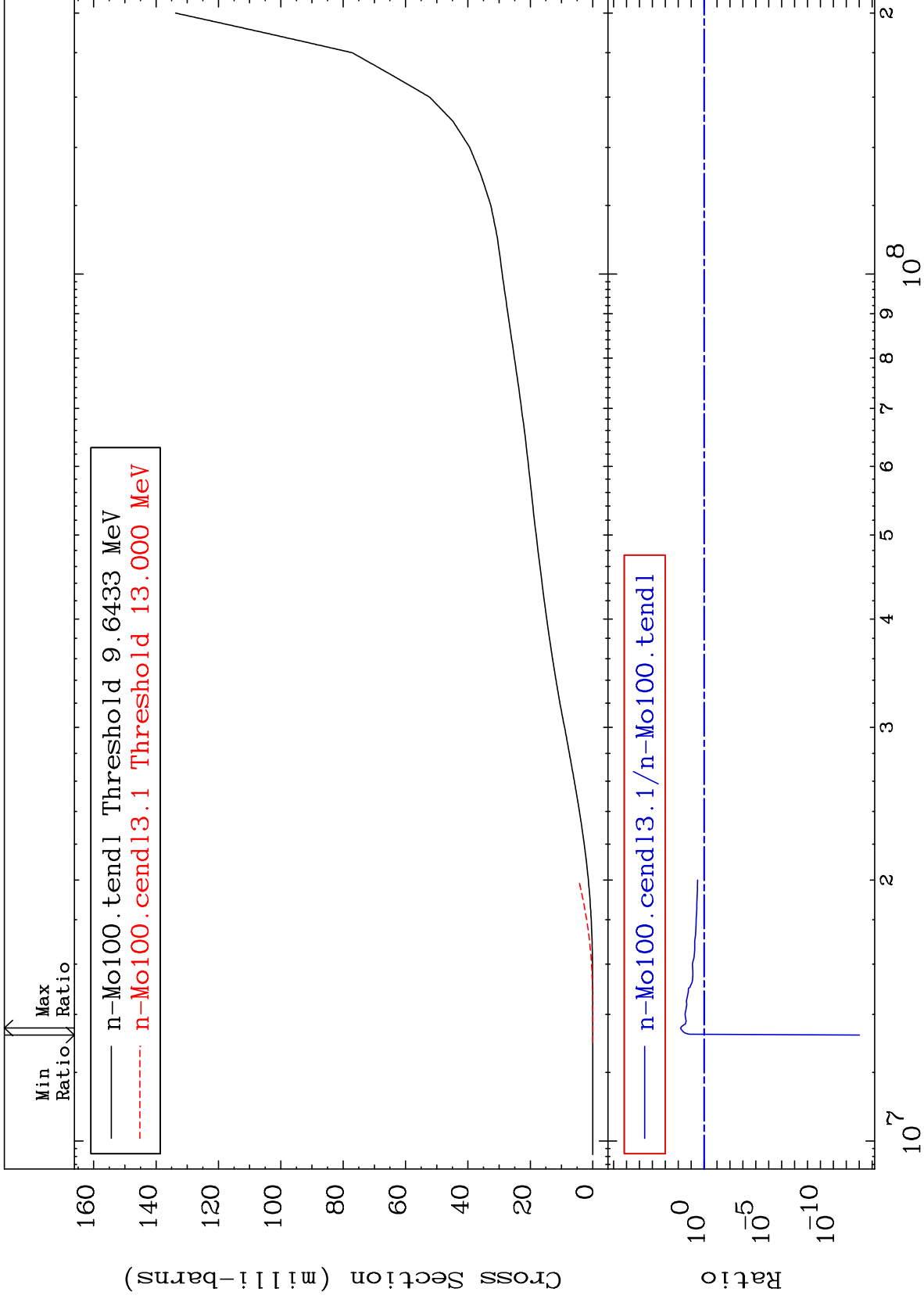
Incident Energy (eV)

42-Mo-100

MAT 4249

Tritium Production
Cross Section

42-Mo-100
-100.0 To 6773. %



28

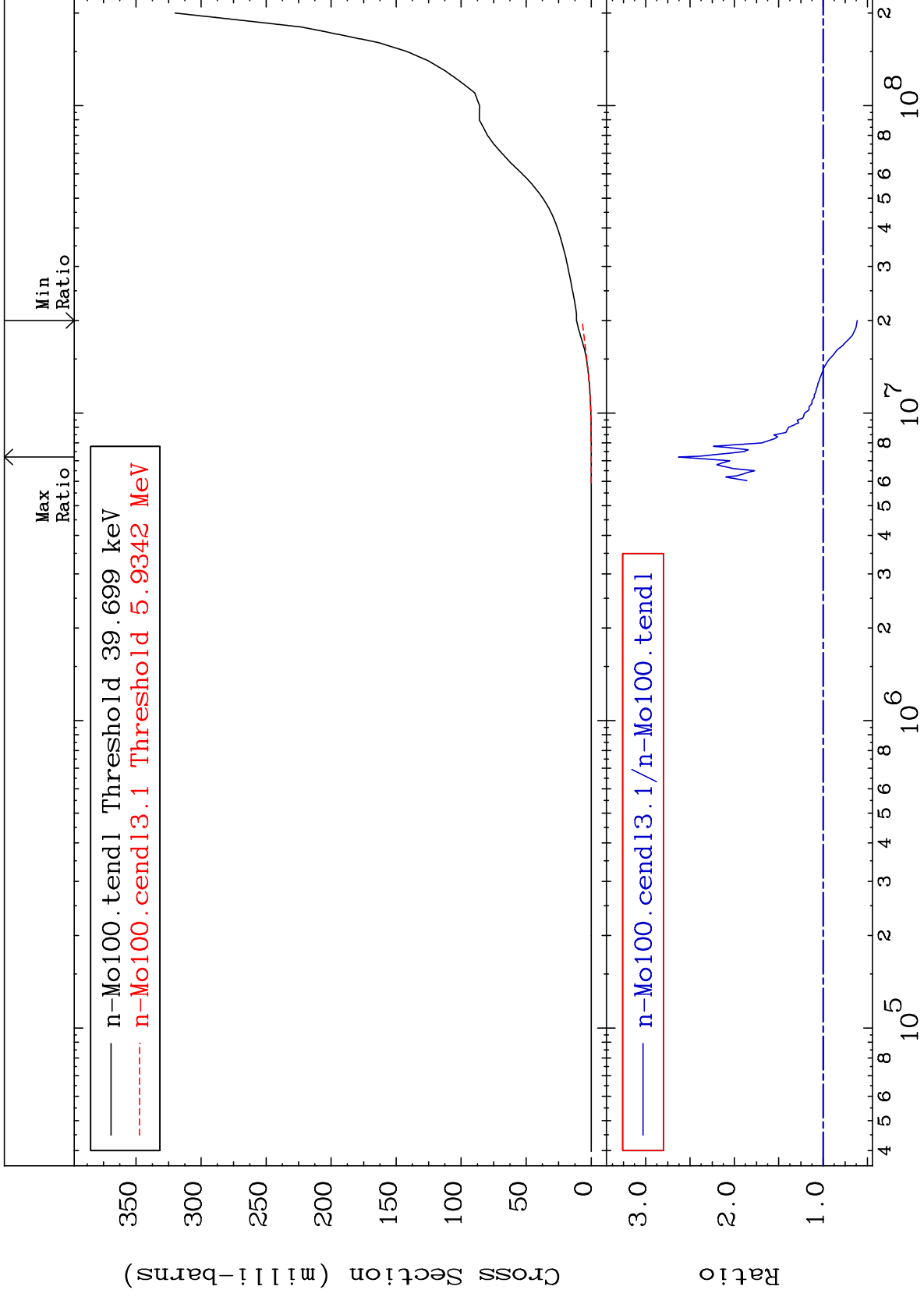
Incident Energy (eV)

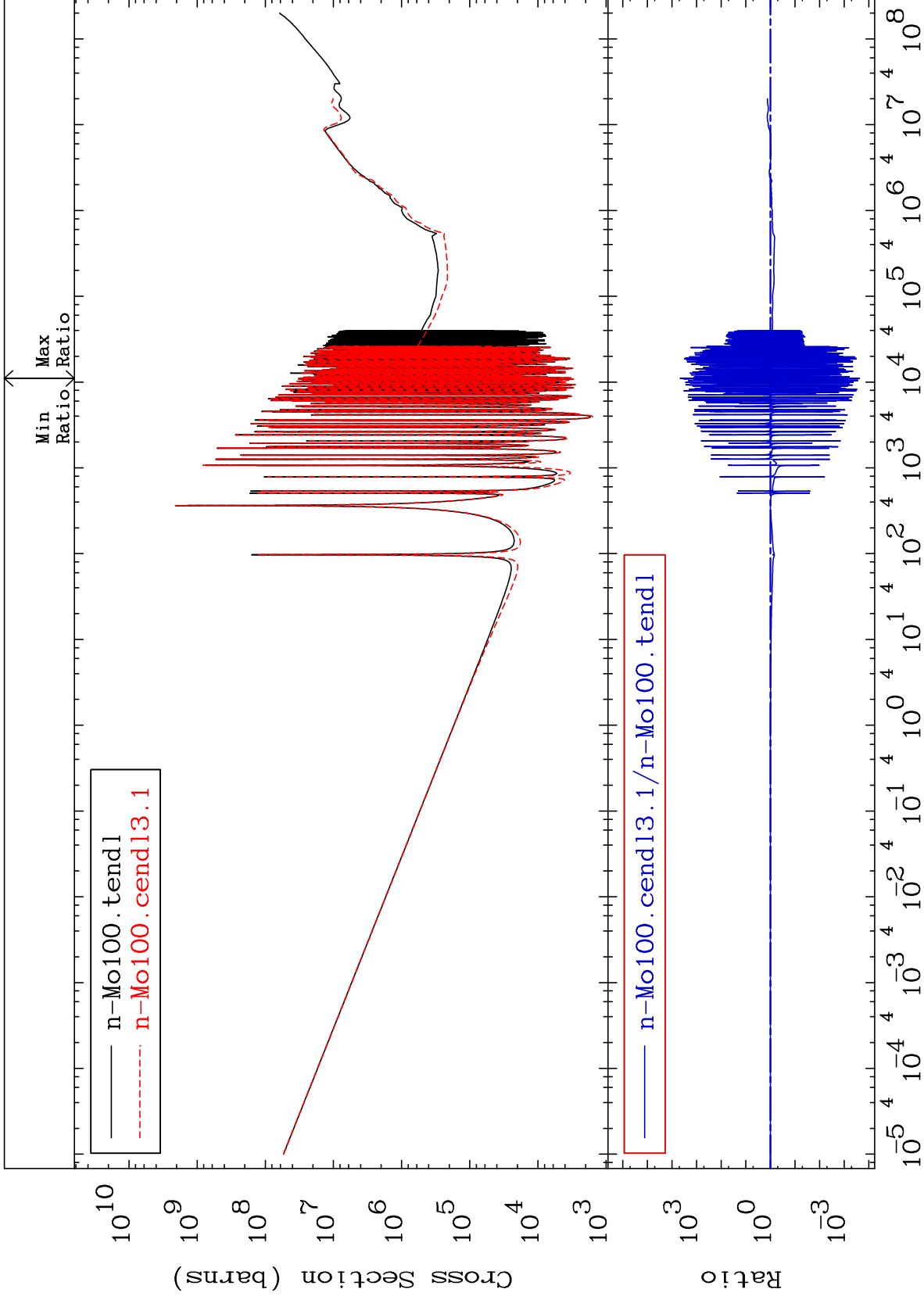
42-Mo-100

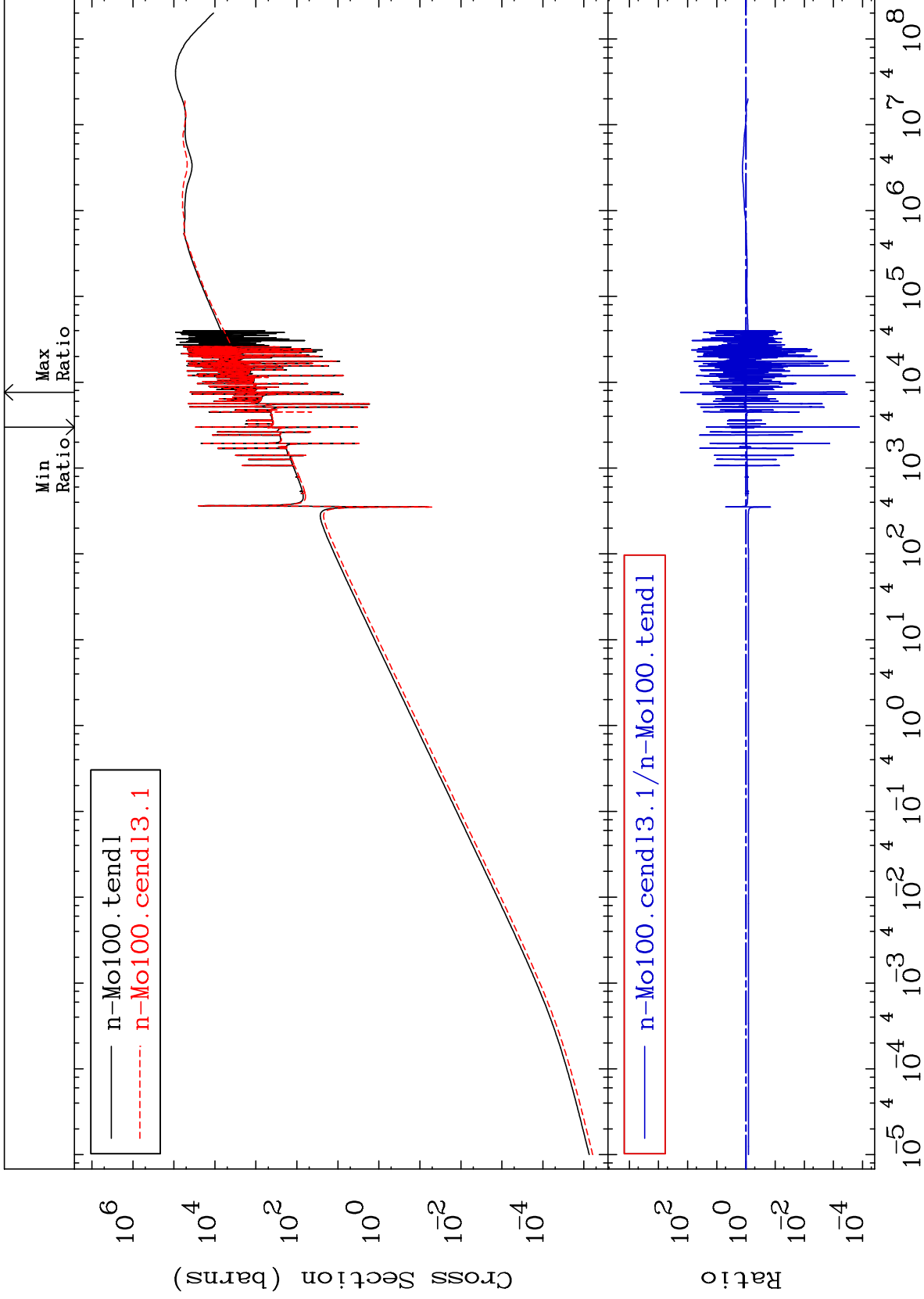
MAT 4249

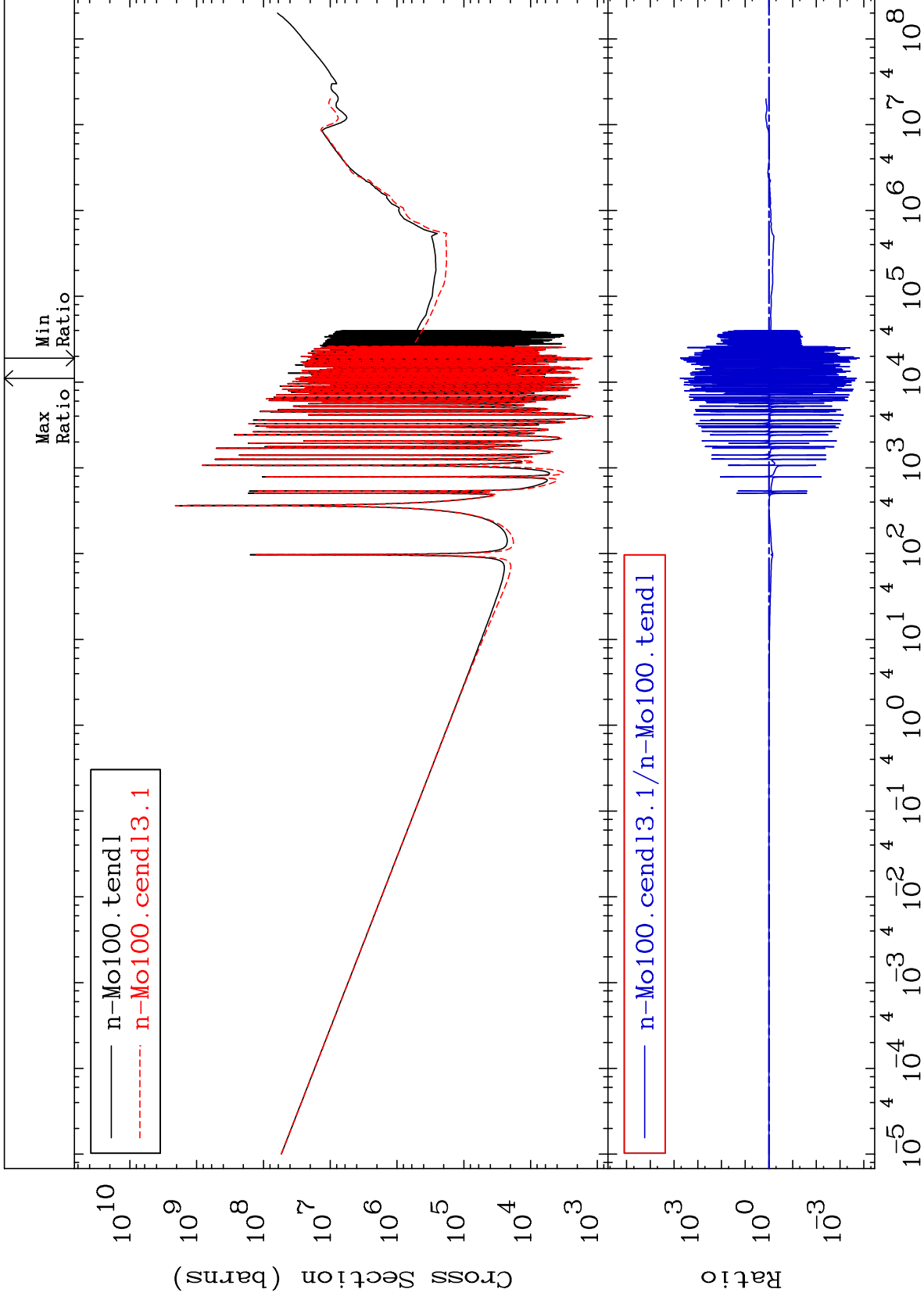
He-4 Production
Cross Section

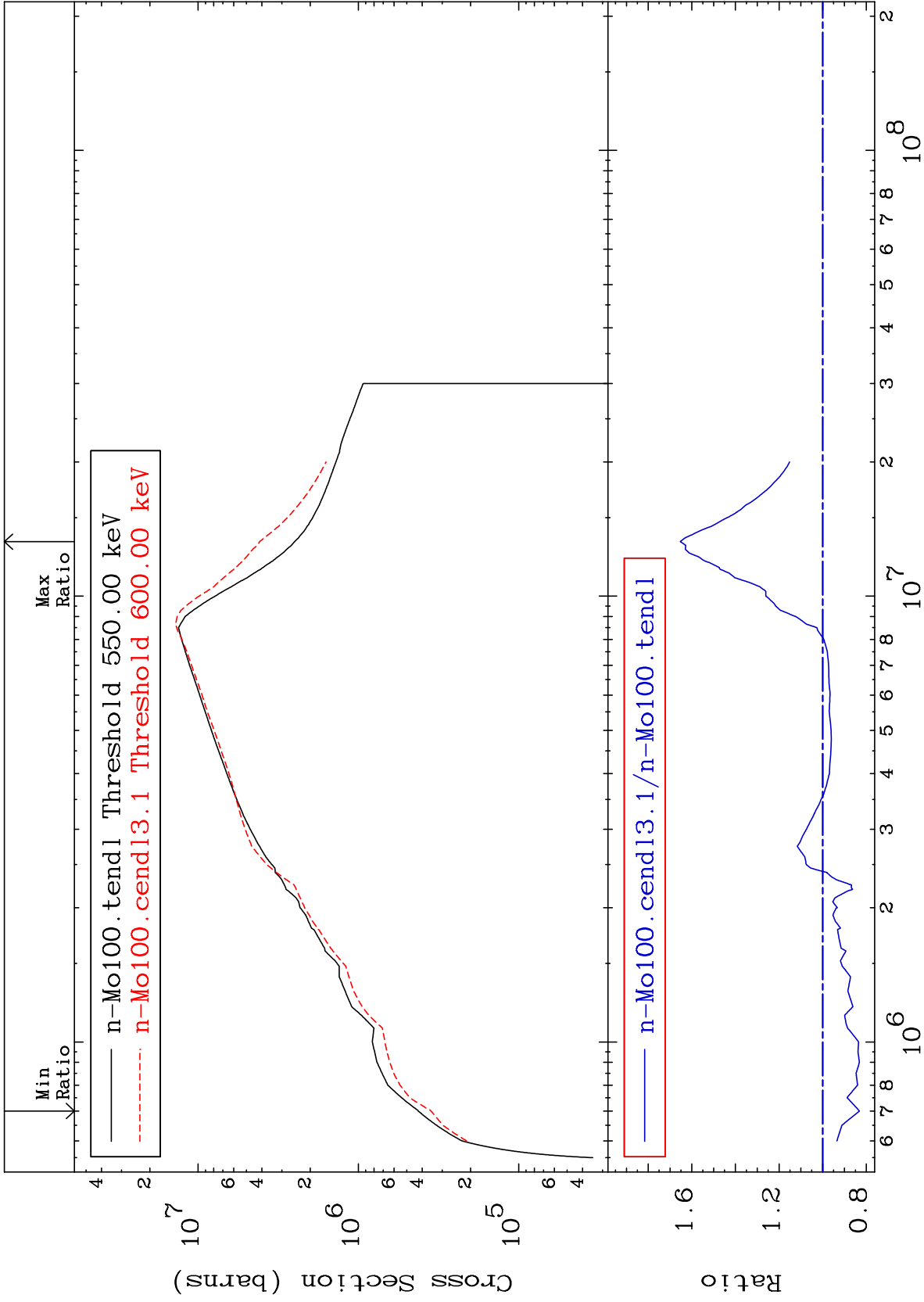
42-Mo-100
-38.57 To 162.8 %







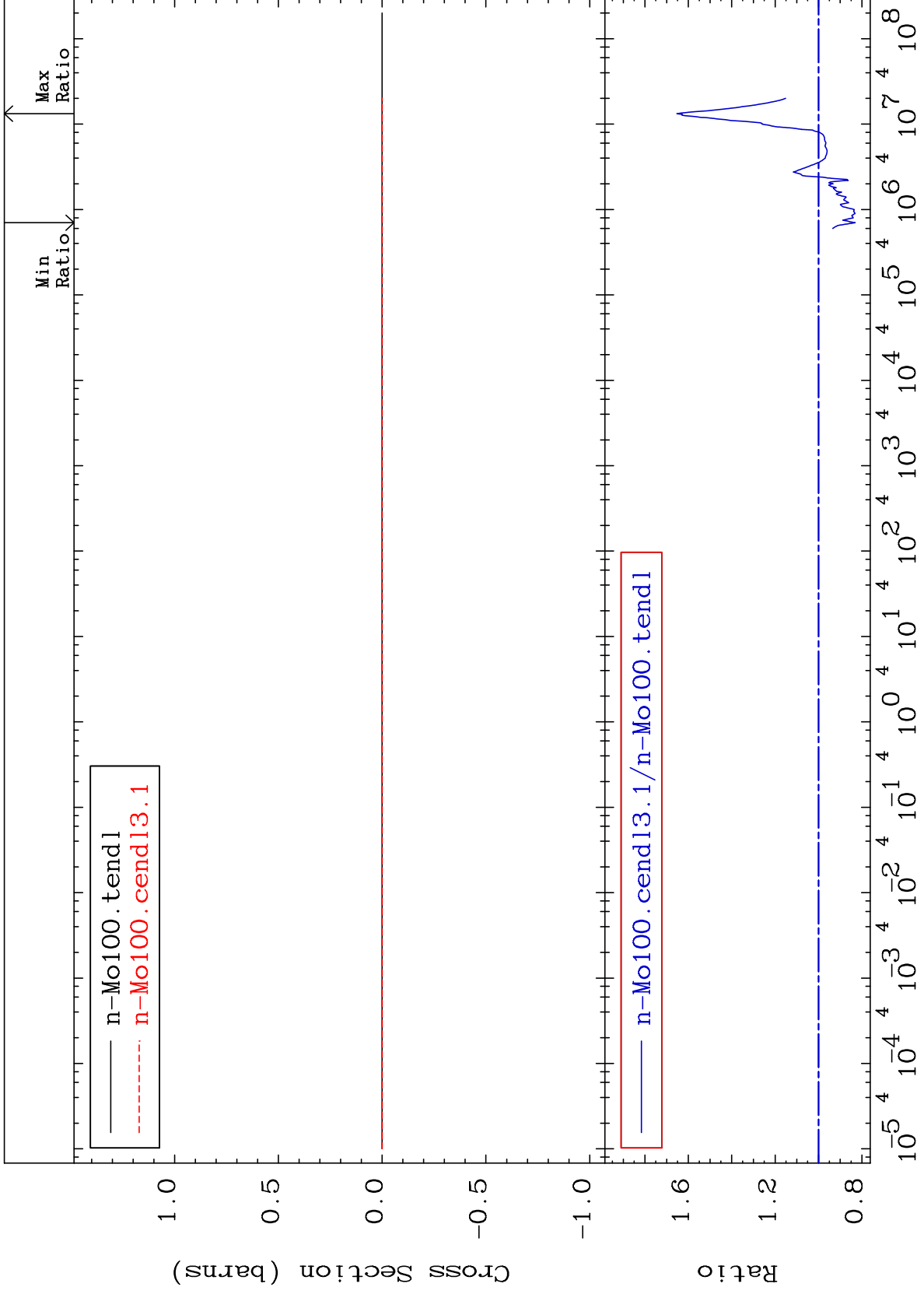


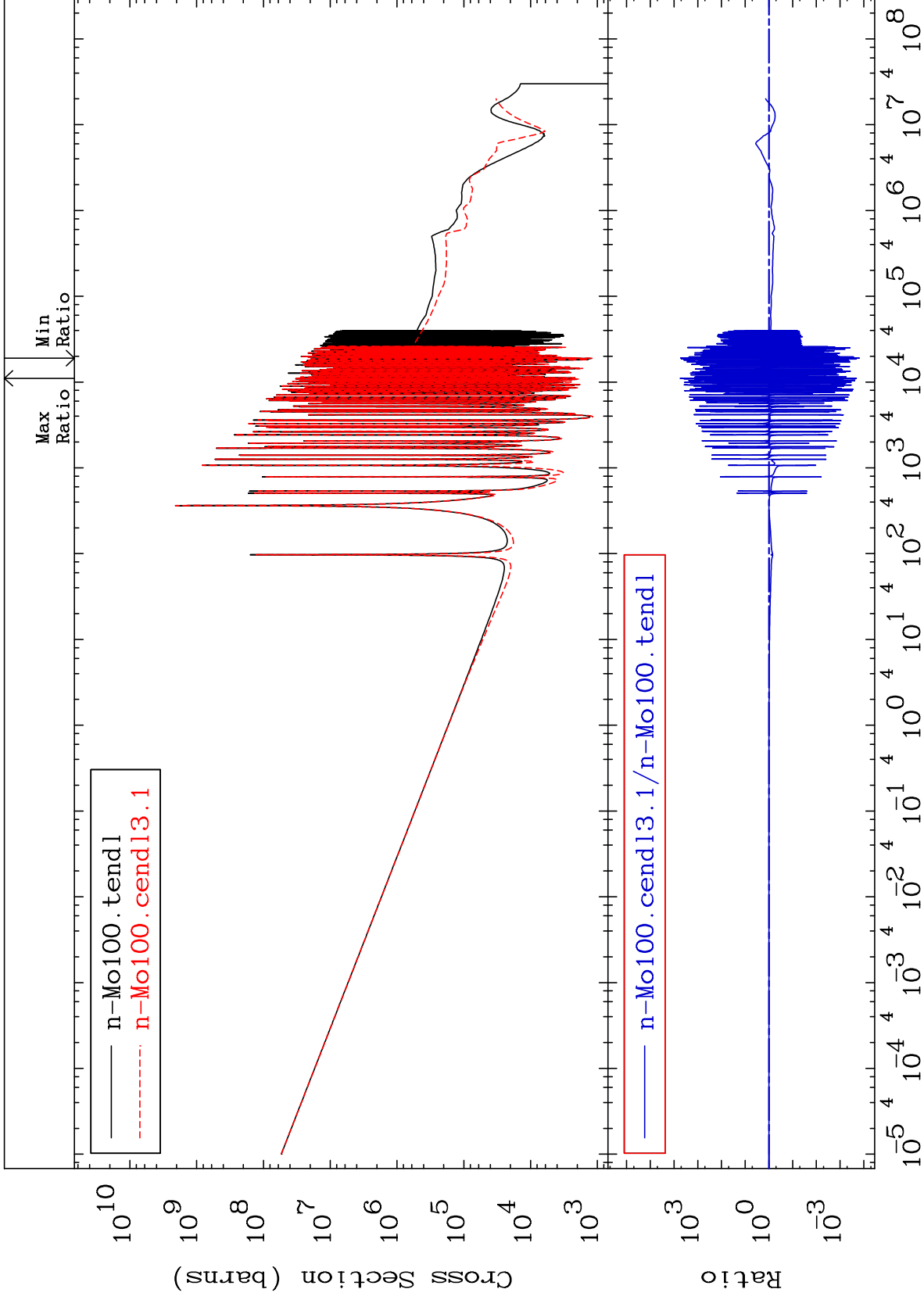


MAT 4249

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

42-Mo-100
-16.87 To 65.27 %

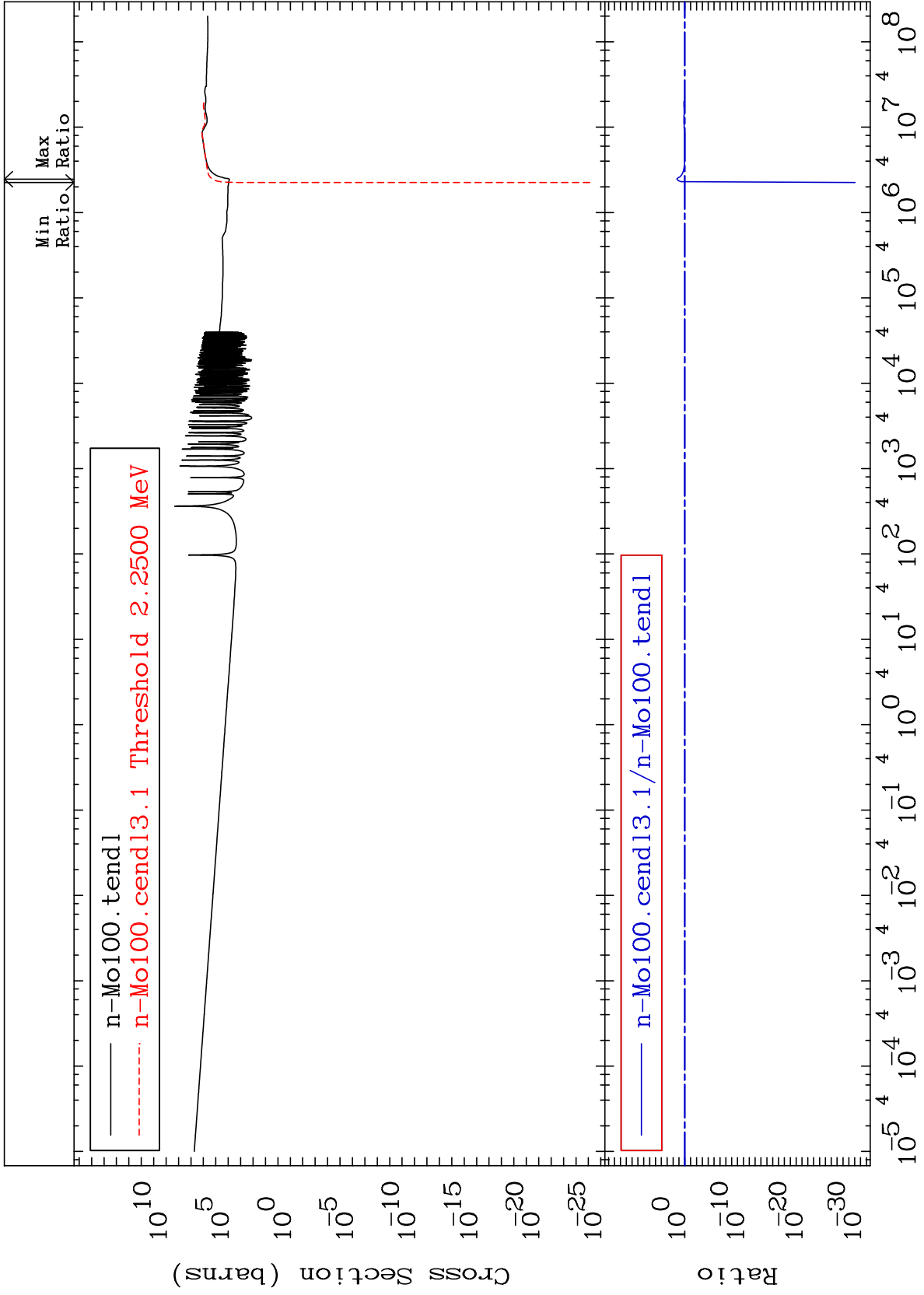


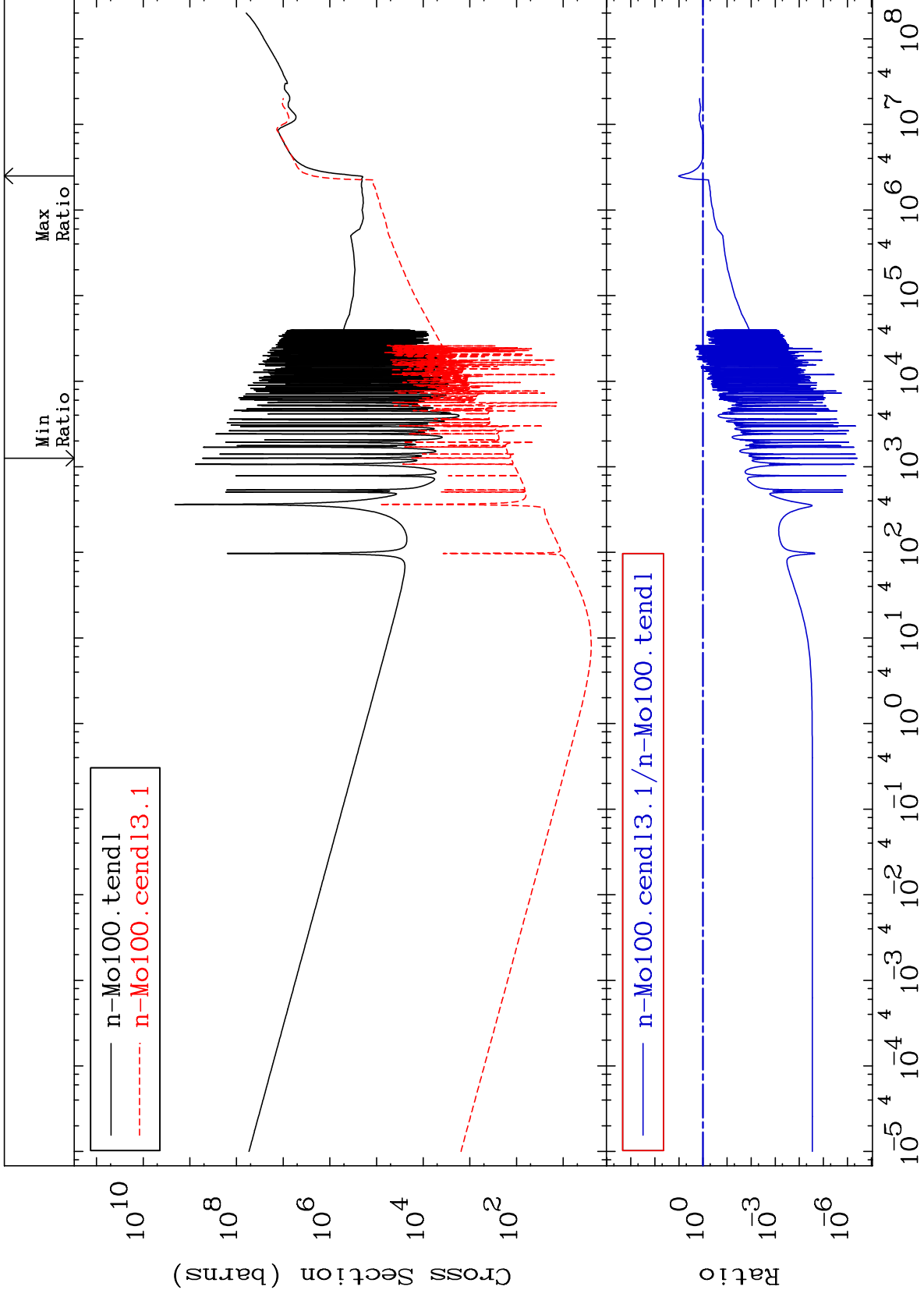


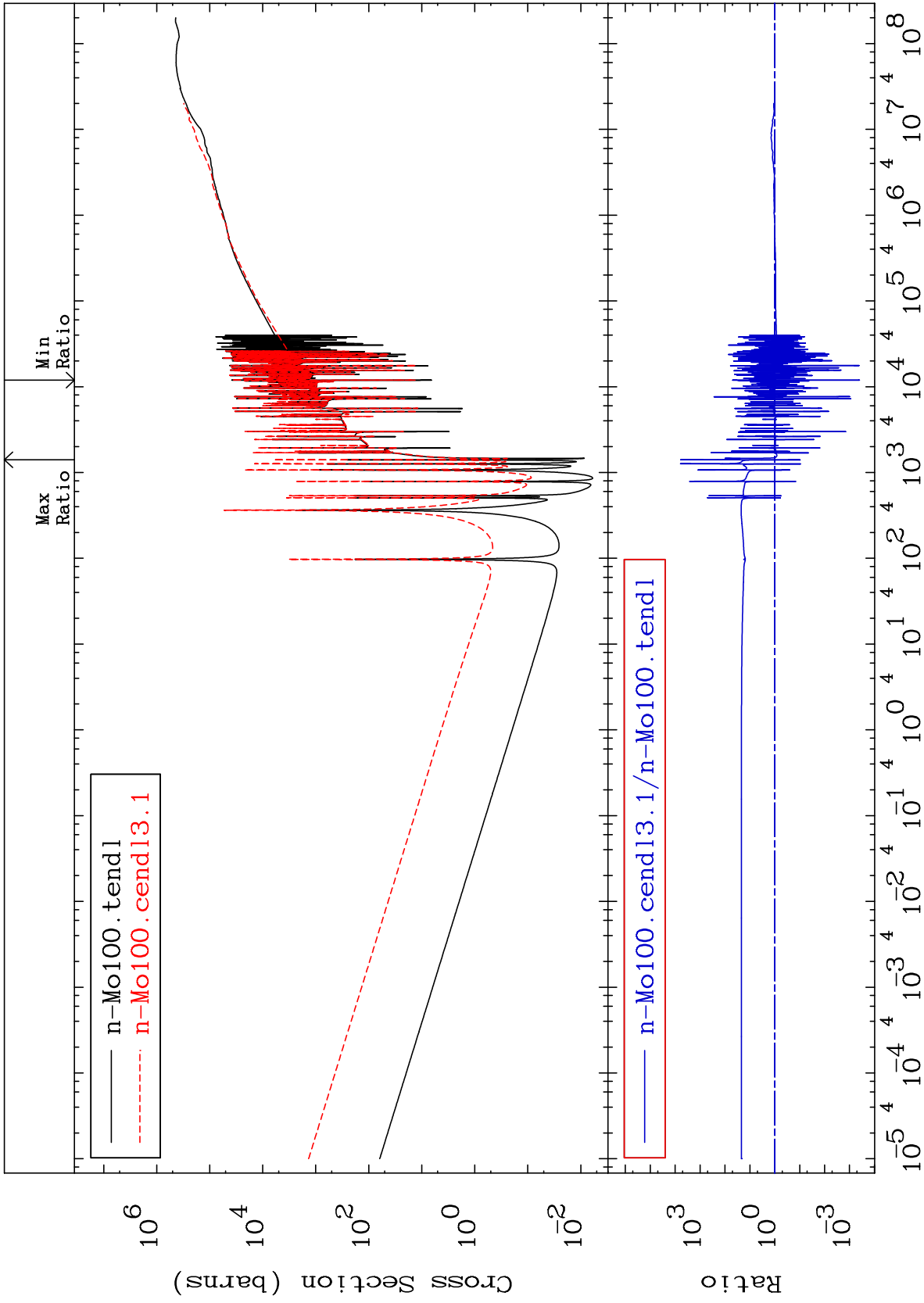
MAT 4249

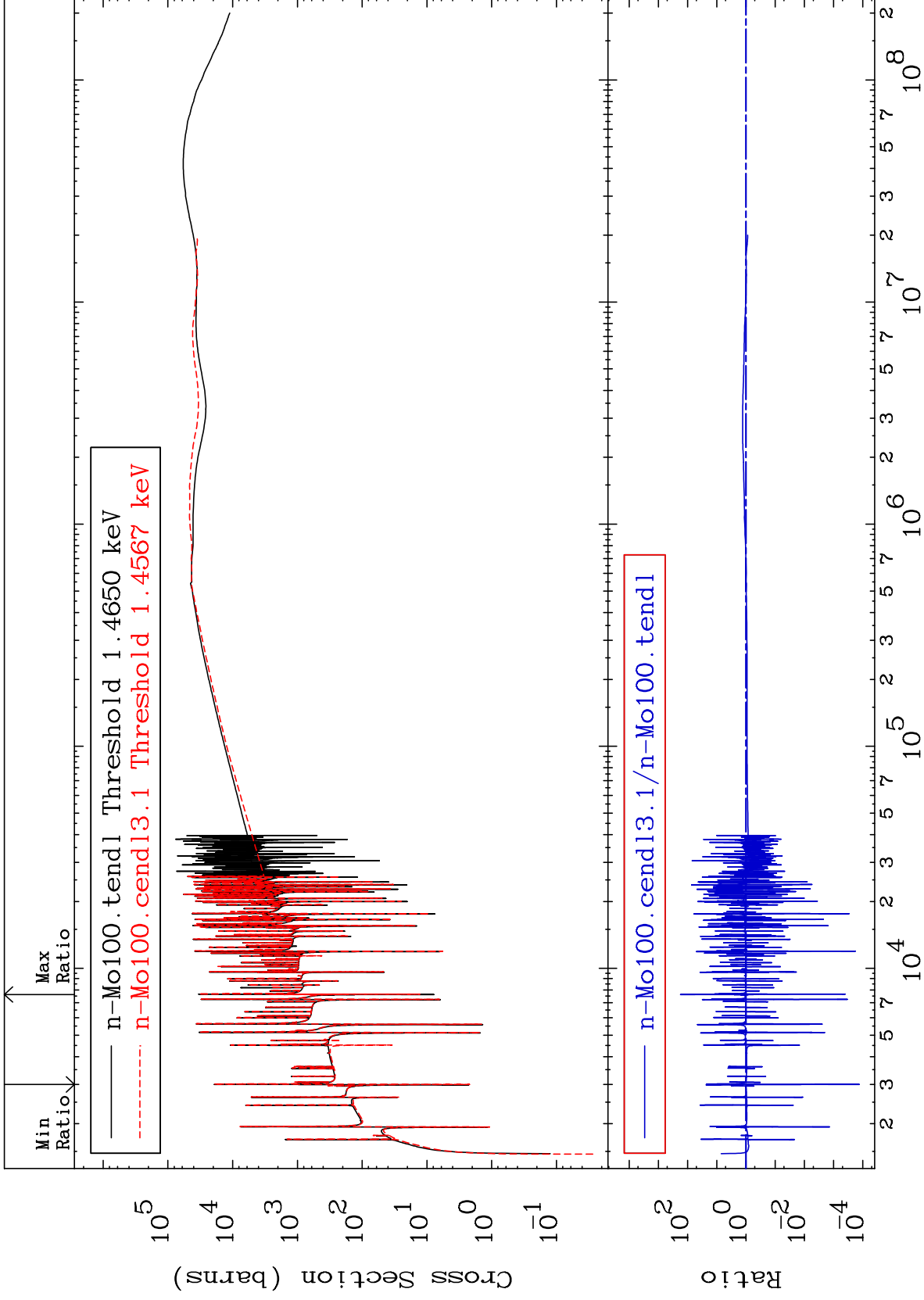
Total photon (eV-barns)
Cross Section

42-Mo-100
-100.0 To 2109. %





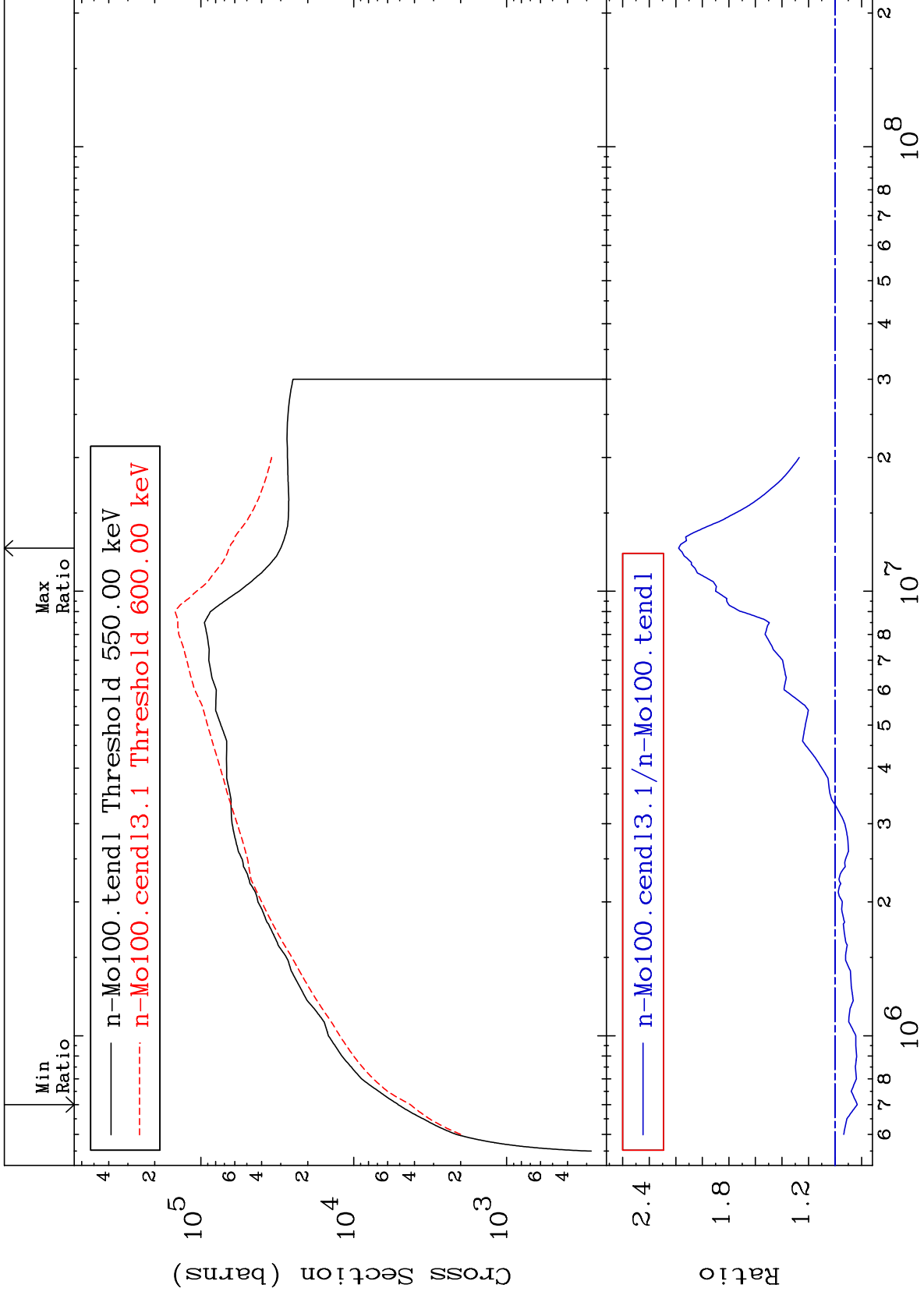




MAT 4249

Dpa inelastic (mt51-91)
Cross Section

42-Mo-100
-16.74 To 117.9 %



40

42-Mo-100

