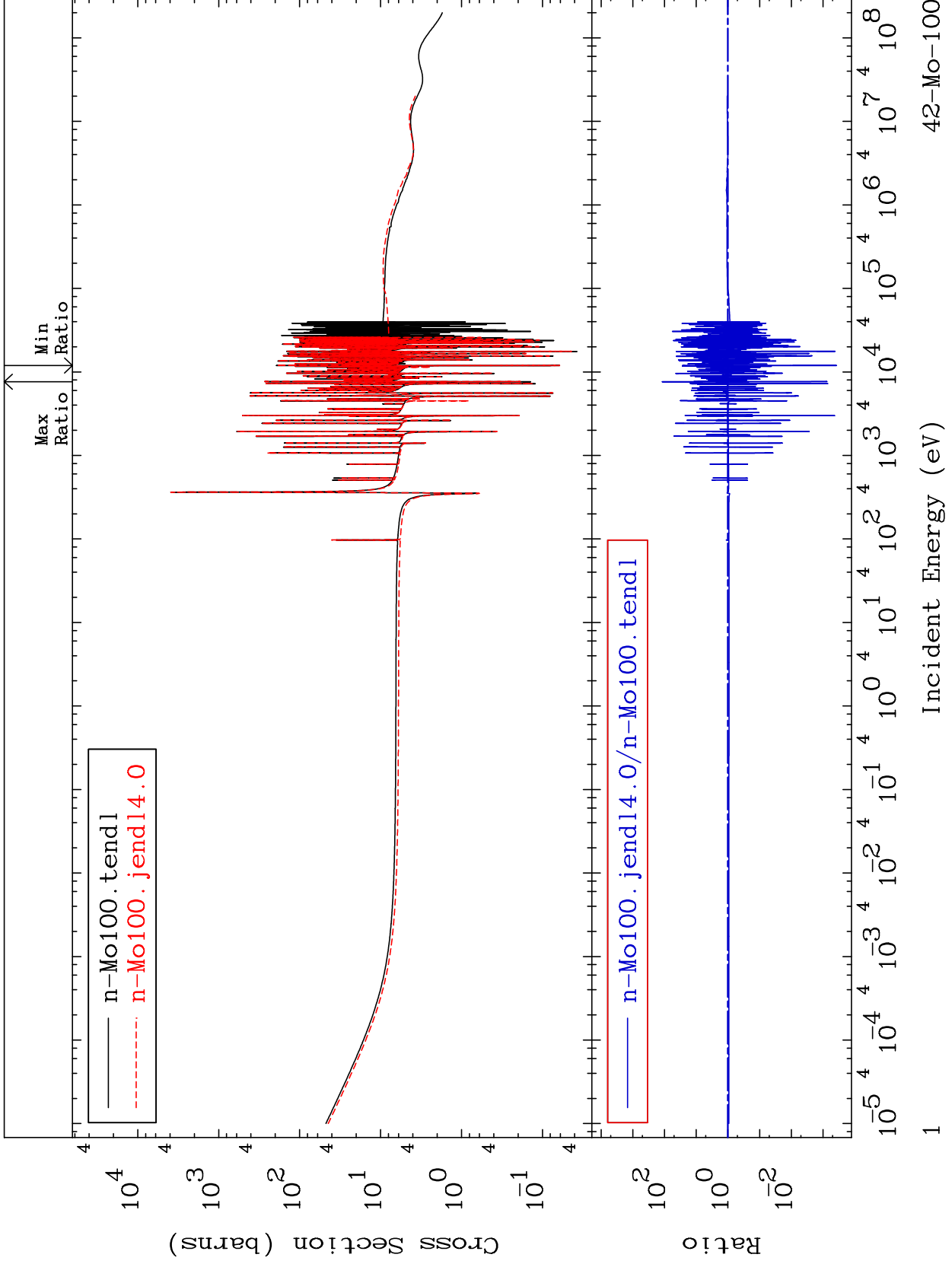


MAT 4249

Total
Cross Section

42-Mo-100
-99.96 To 9999. %

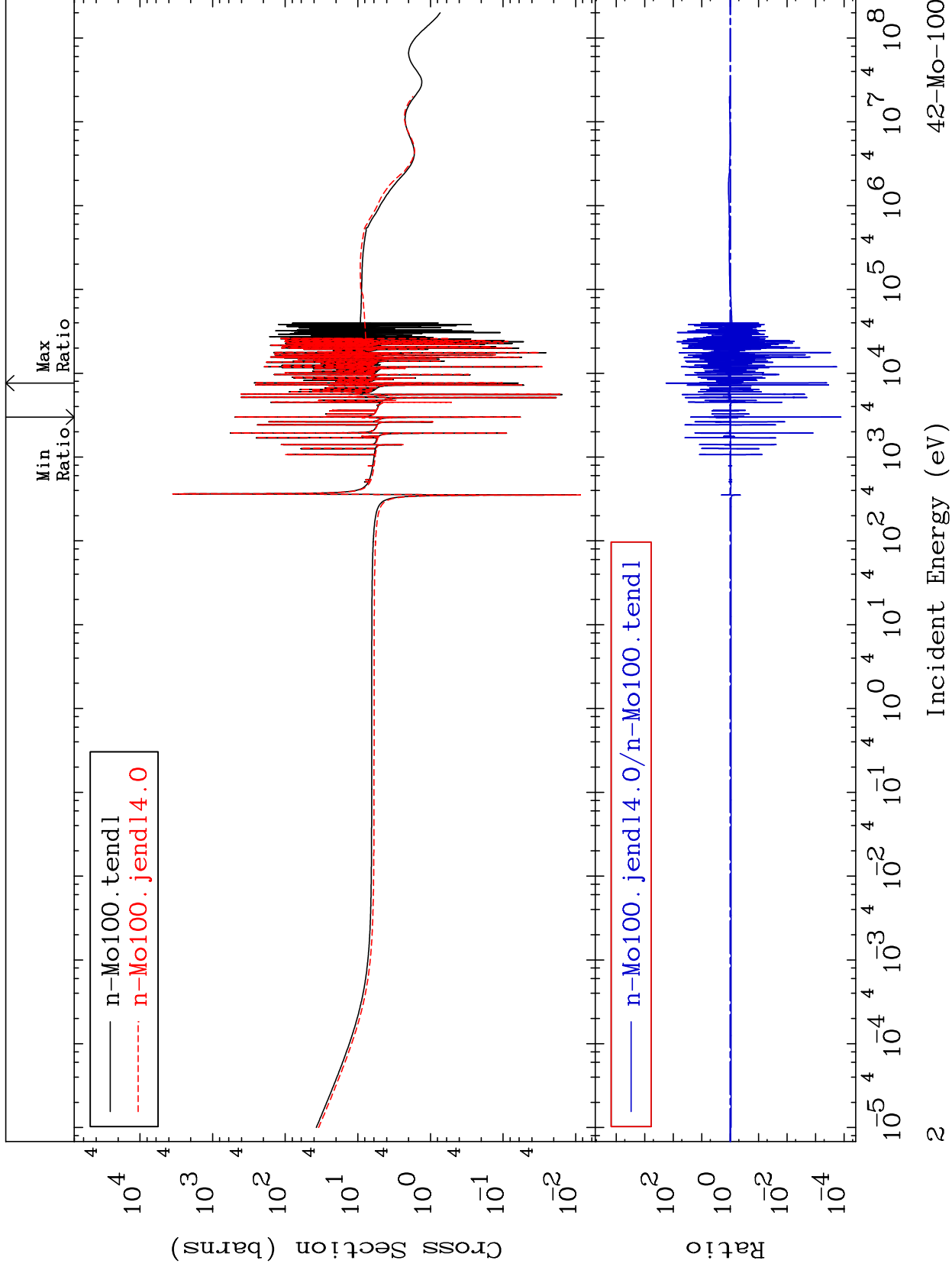


42-Mo-100

MAT 4249

Elastic
Cross Section

42-Mo-100
-99.99 To 9999. %



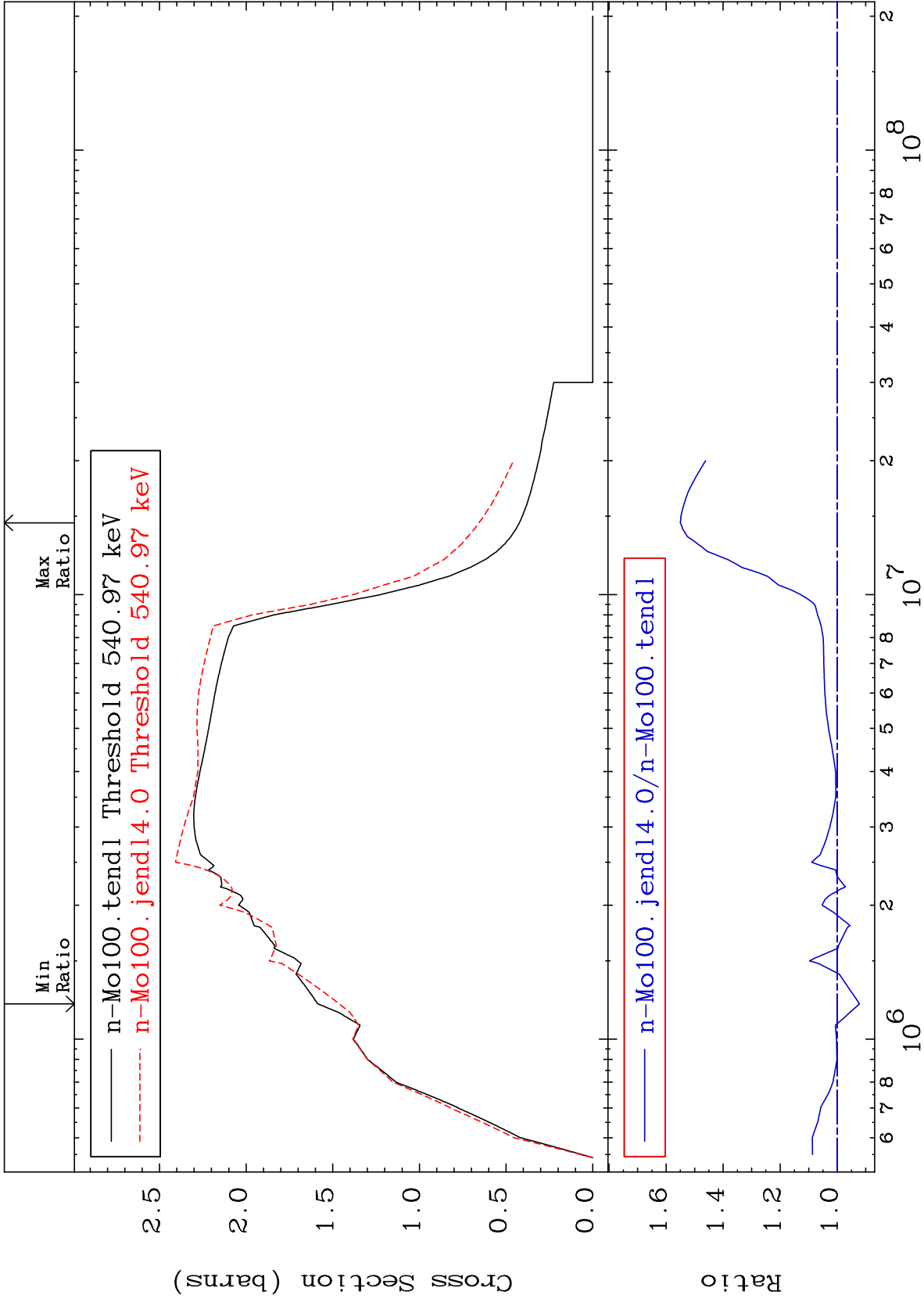
42-Mo-100

Incident Energy (eV)

2

MAT 4249

Inelastic Cross Section
42-Mo-100
-7.811 To 55.00 %



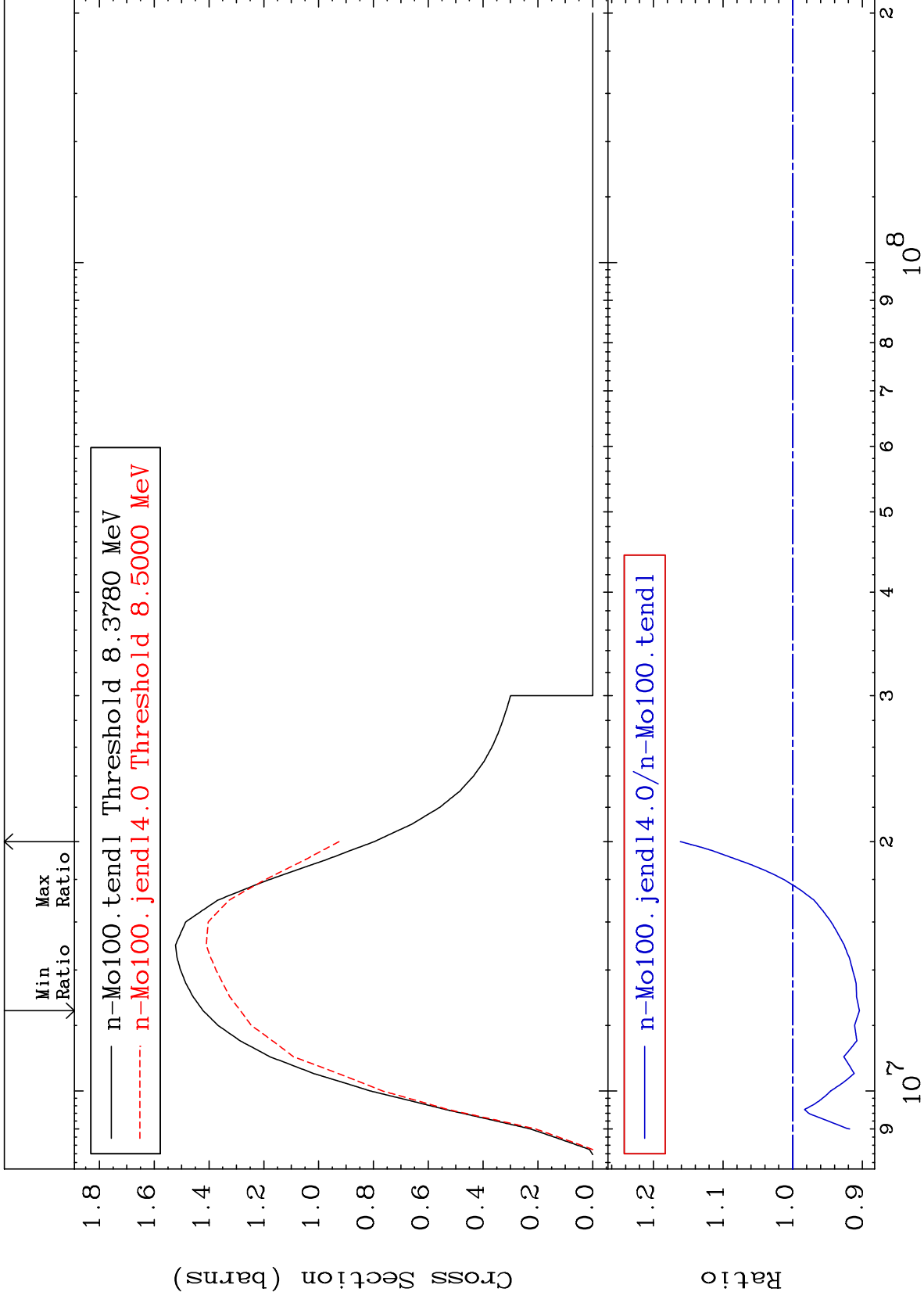
MAT 4249

(n,2n)

42-Mo-100

Cross Section

-9.572 To 16.14 %



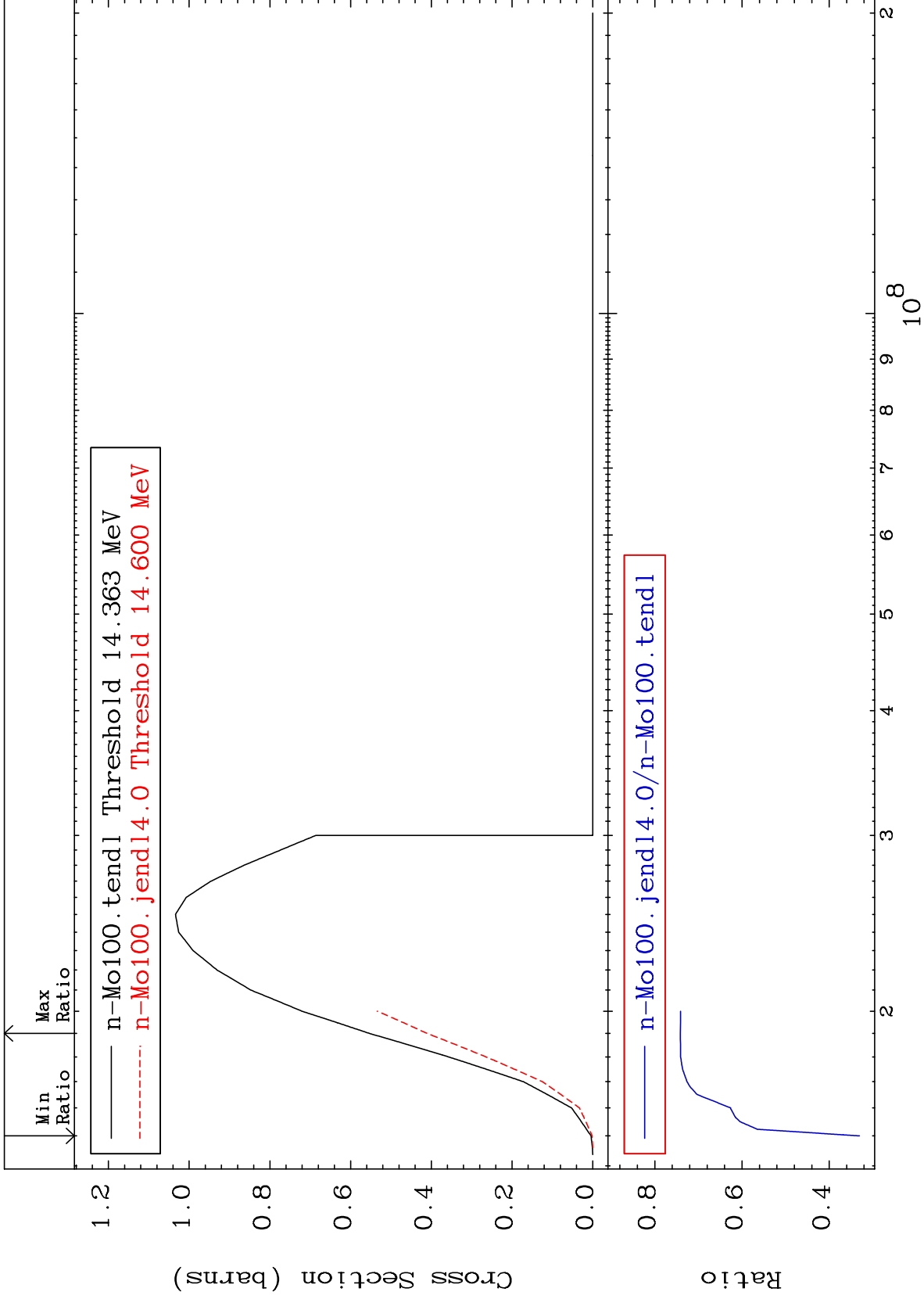
4

Incident Energy (eV)

42-Mo-100

Cross Section

-66.93 To -25.86%



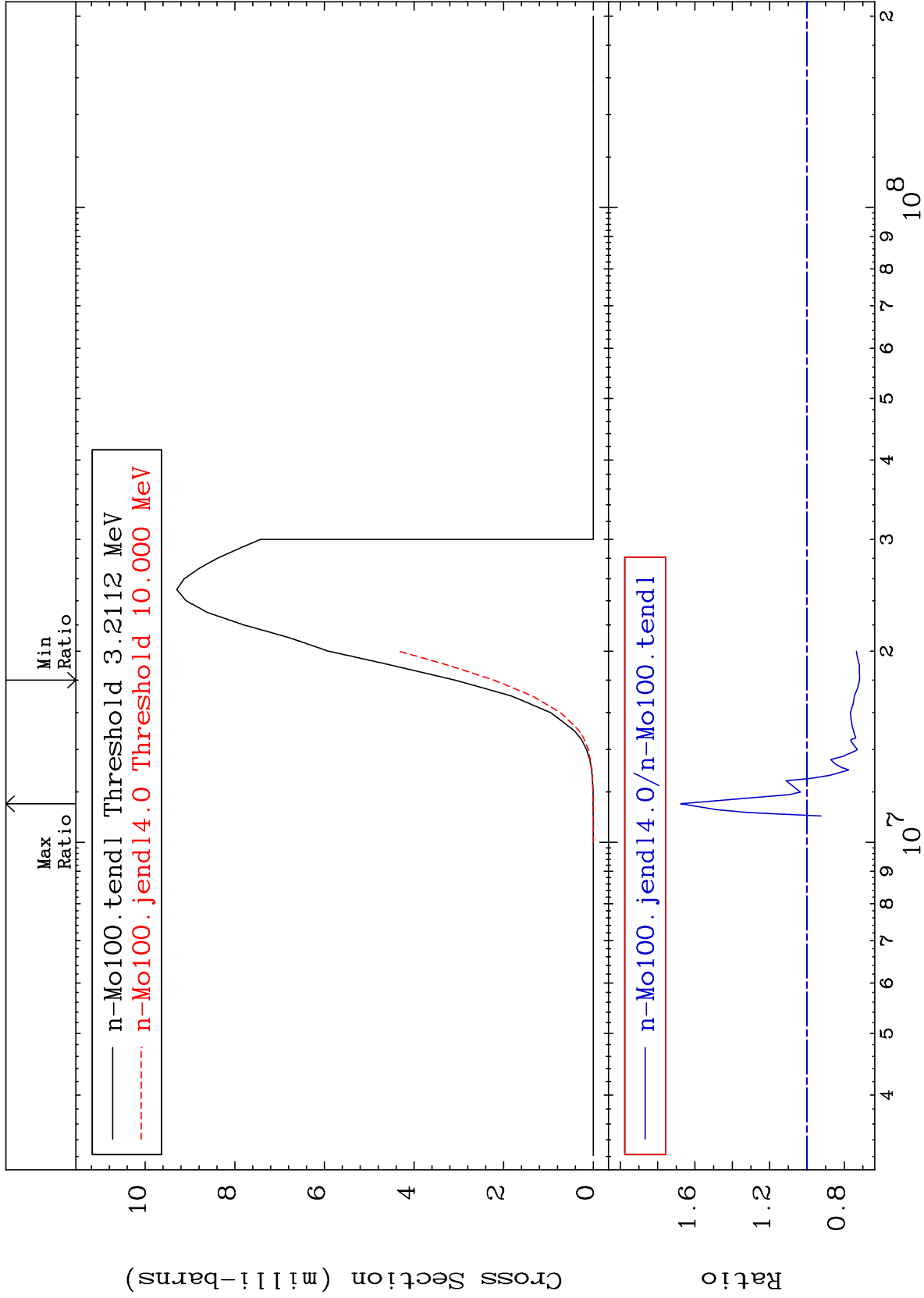
MAT 4249

(n, n') α

42-Mo-100

Cross Section

-28.18 To 67.60 %



6

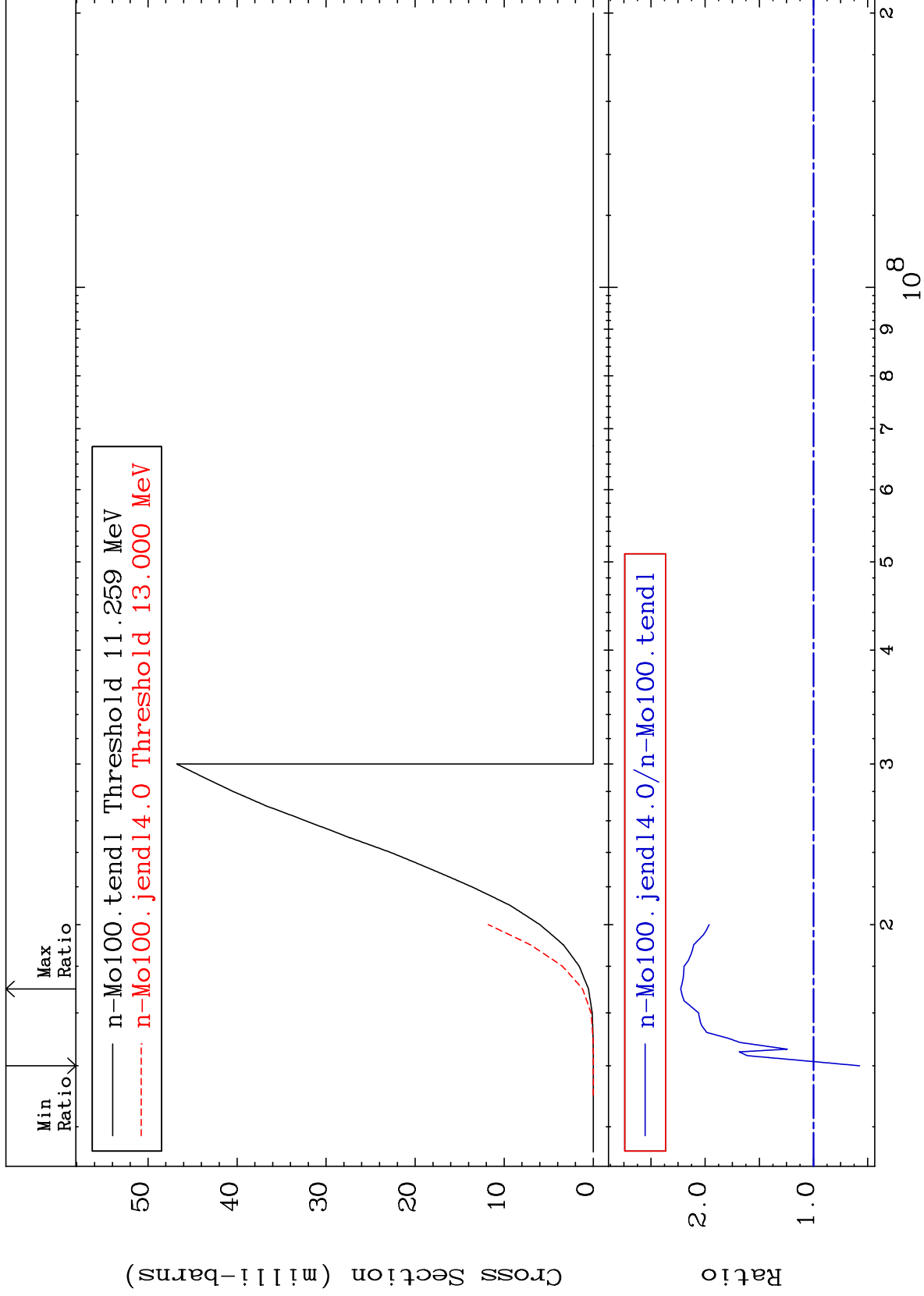
Incident Energy (eV)

42-Mo-100

MAT 4249

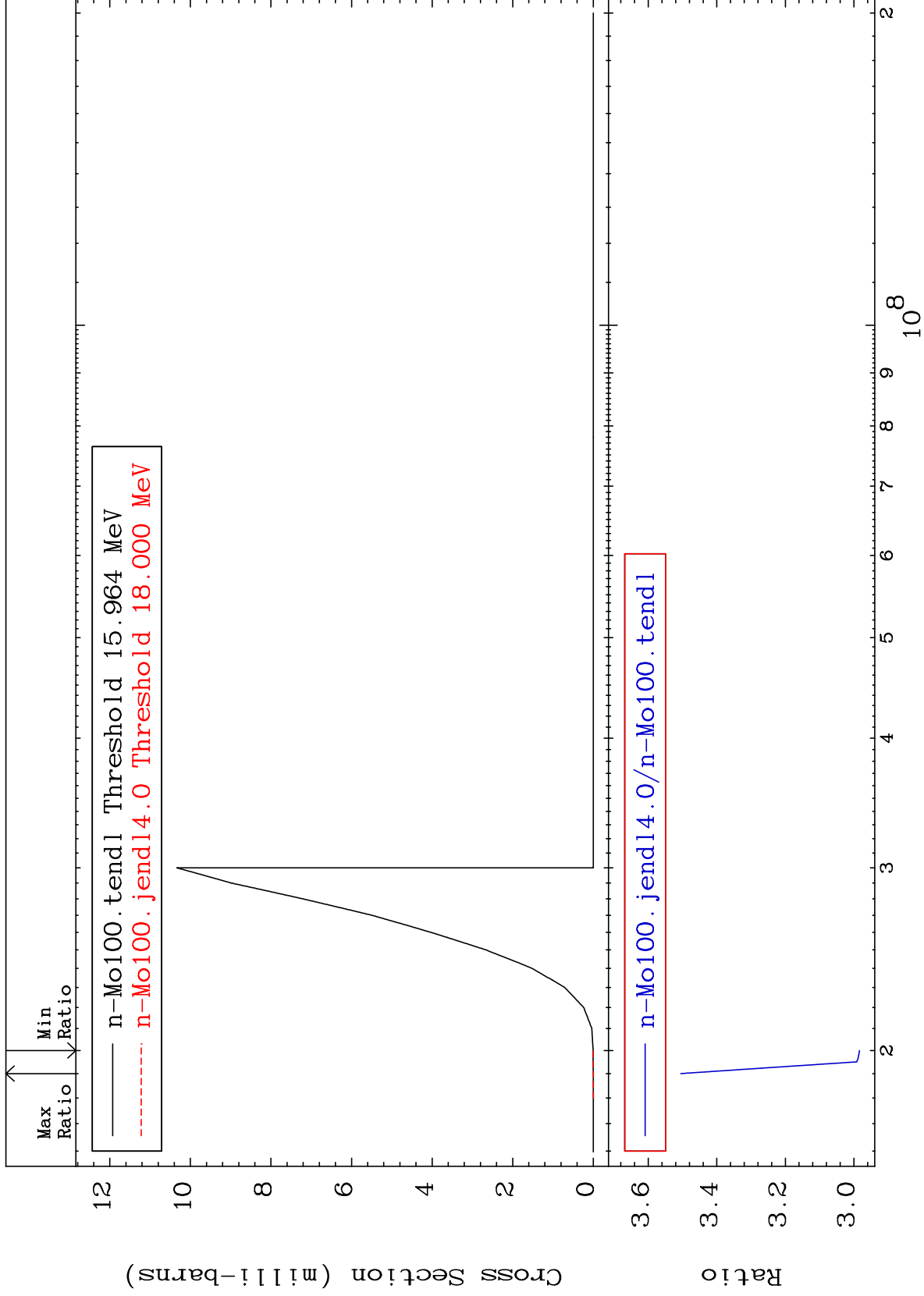
(n,n') p
Cross Section

42-Mo-100
-42.43 To 122.5 %



Cross Section

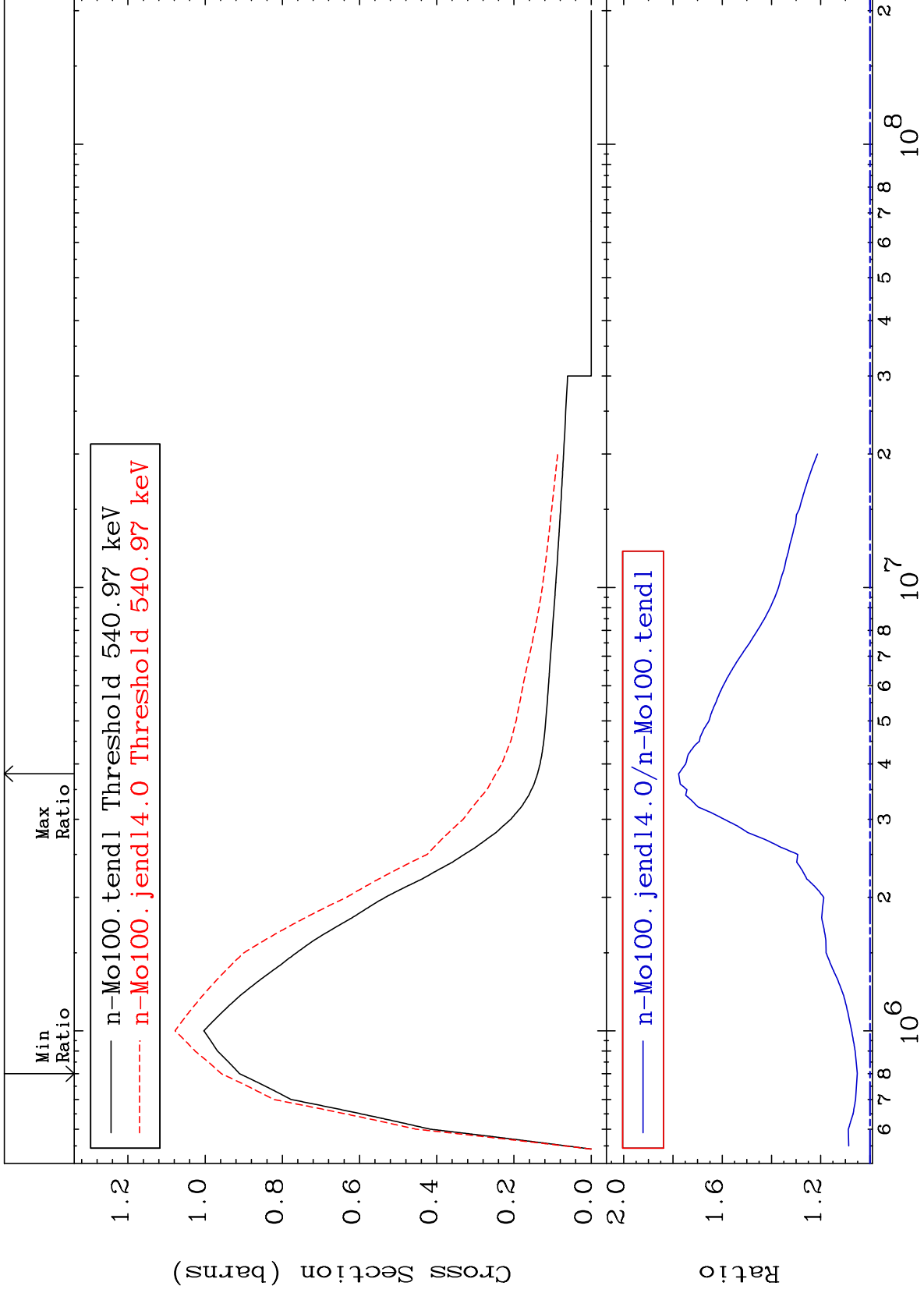
198.4 To 250.5 %



MAT 4249

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

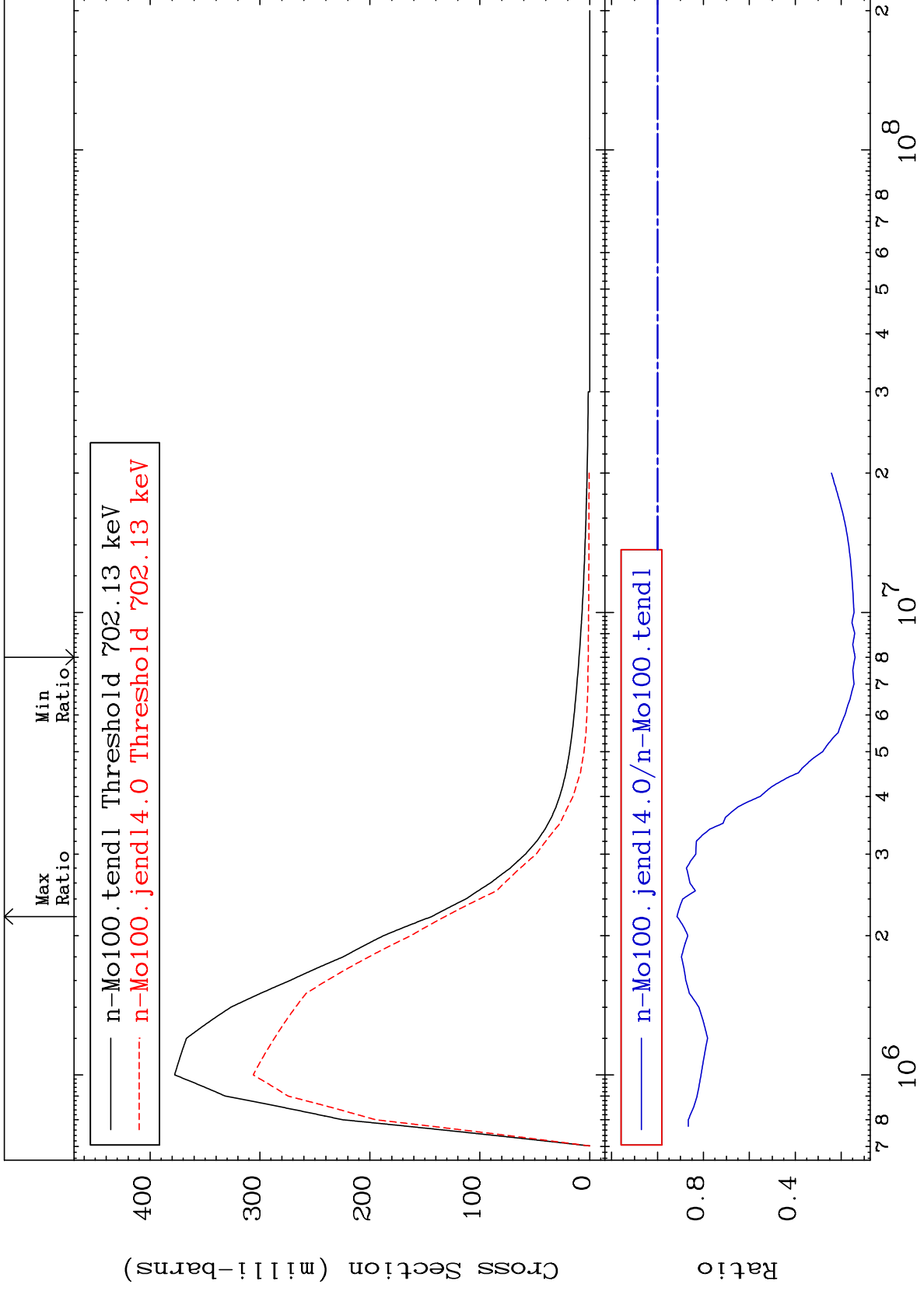
42-Mo-100
5.142 To 77.71 %



MAT 4249

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

42-Mo-100
-86.04 To -8.443%



10

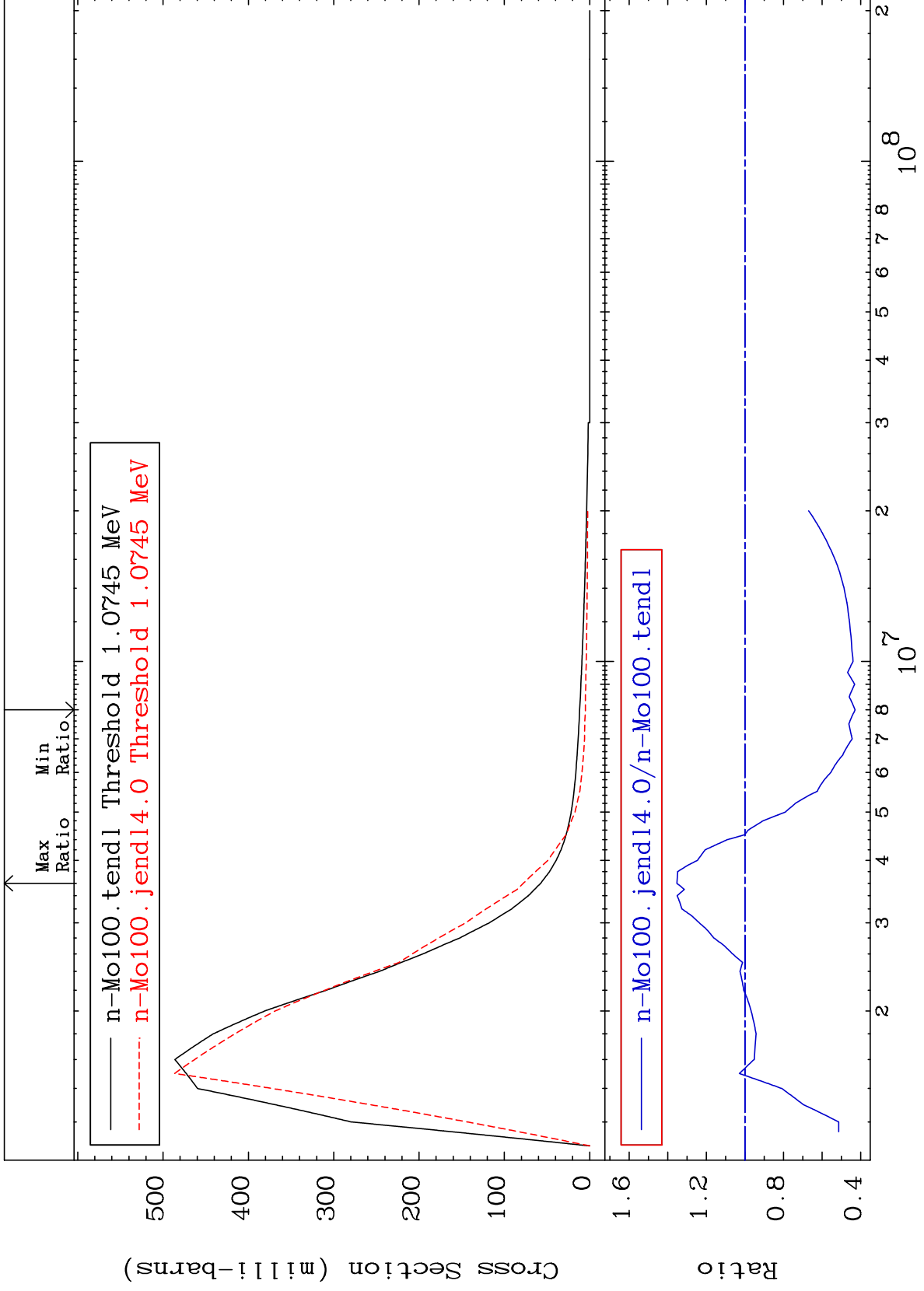
Incident Energy (eV)

42-Mo-100

MAT 4249

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

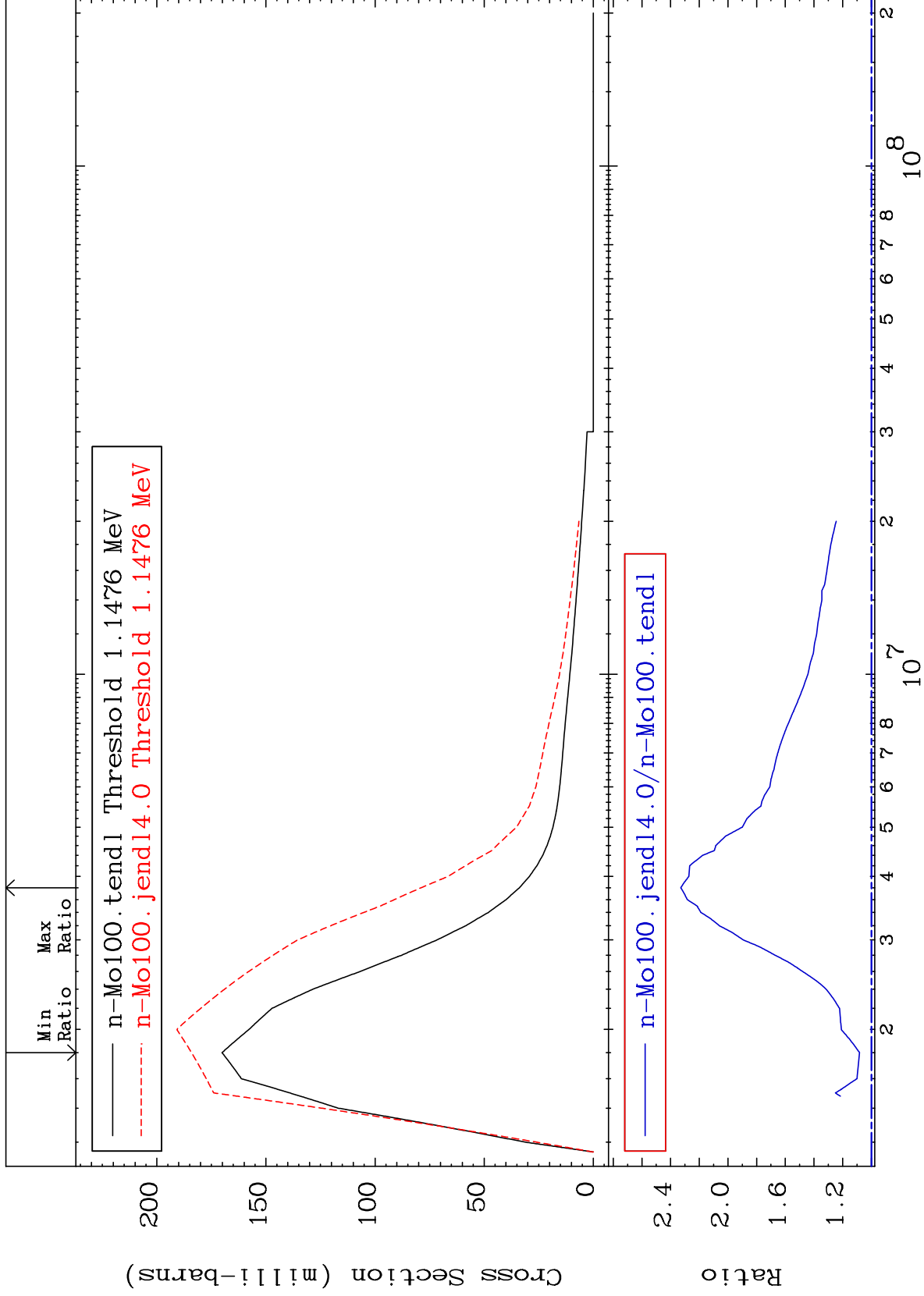
42-Mo-100
-57.07 To 35.25 %



MAT 4249

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

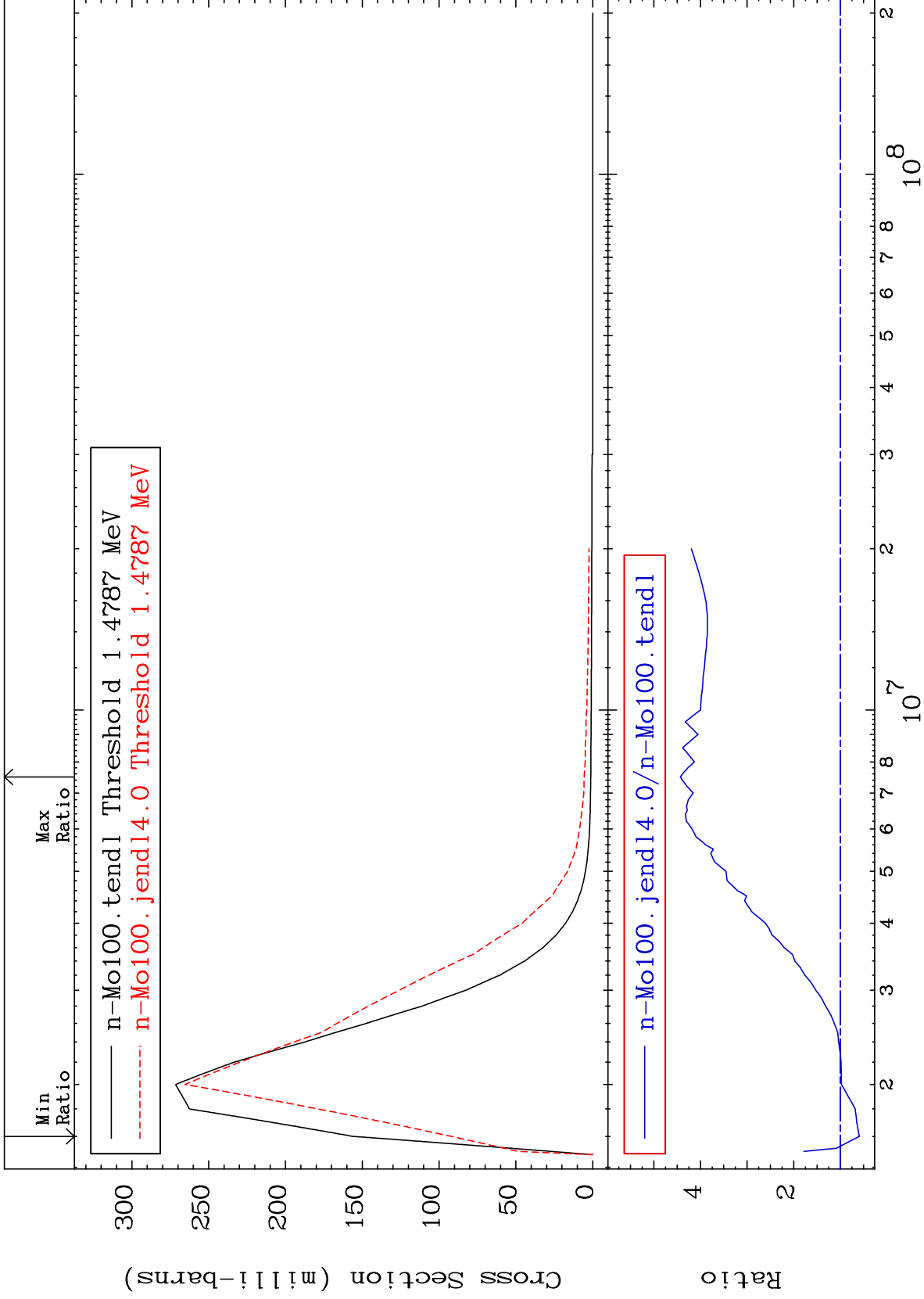
42-Mo-100
8.224 To 132.9 %



12

Incident Energy (eV)

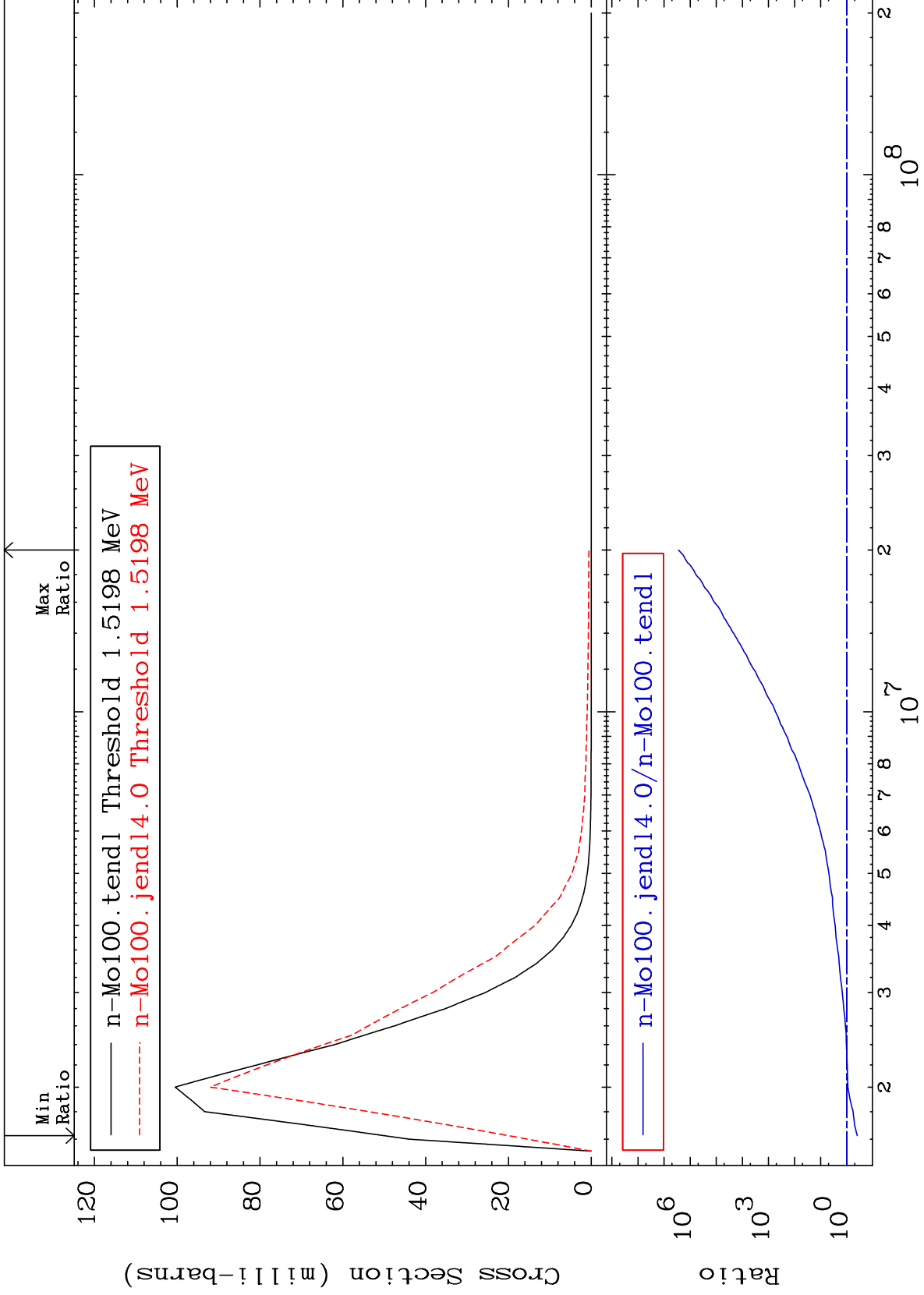
42-Mo-100



MAT 4249

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

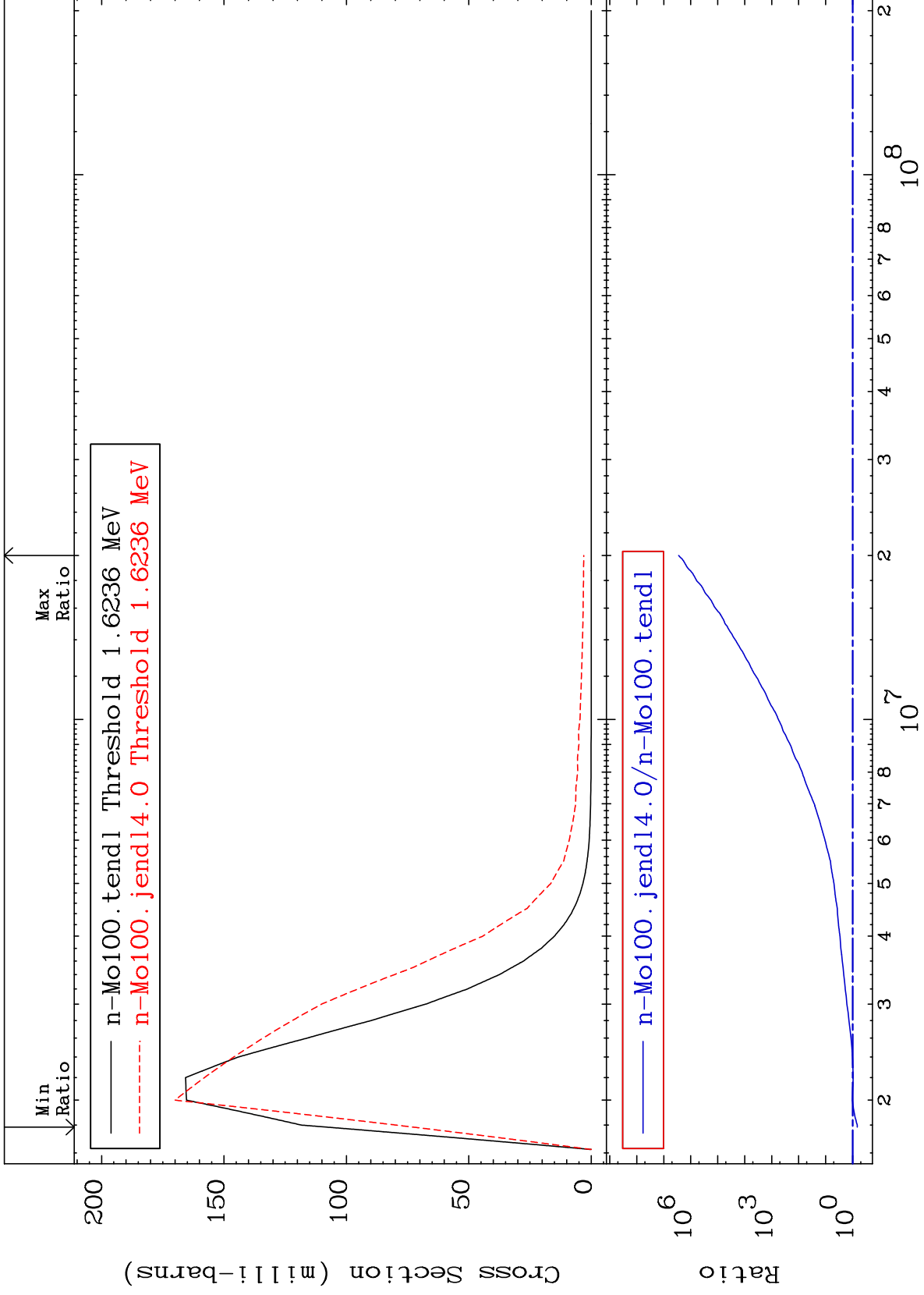
42-Mo-100
-60.12 To 9999. %



MAT 4249

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

42-Mo-100
-32.69 To 9999. %



15

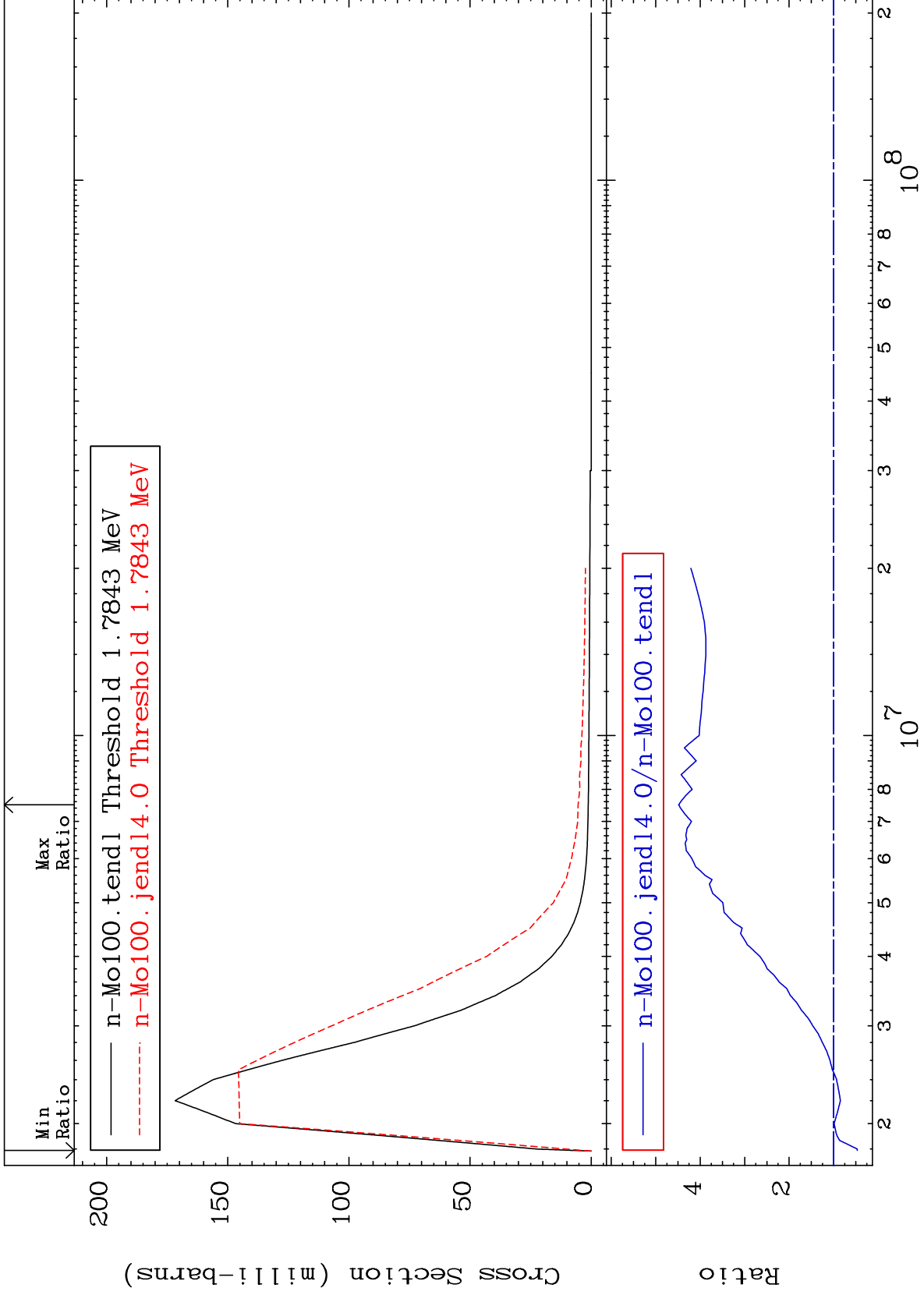
Incident Energy (eV)

42-Mo-100

MAT 4249

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

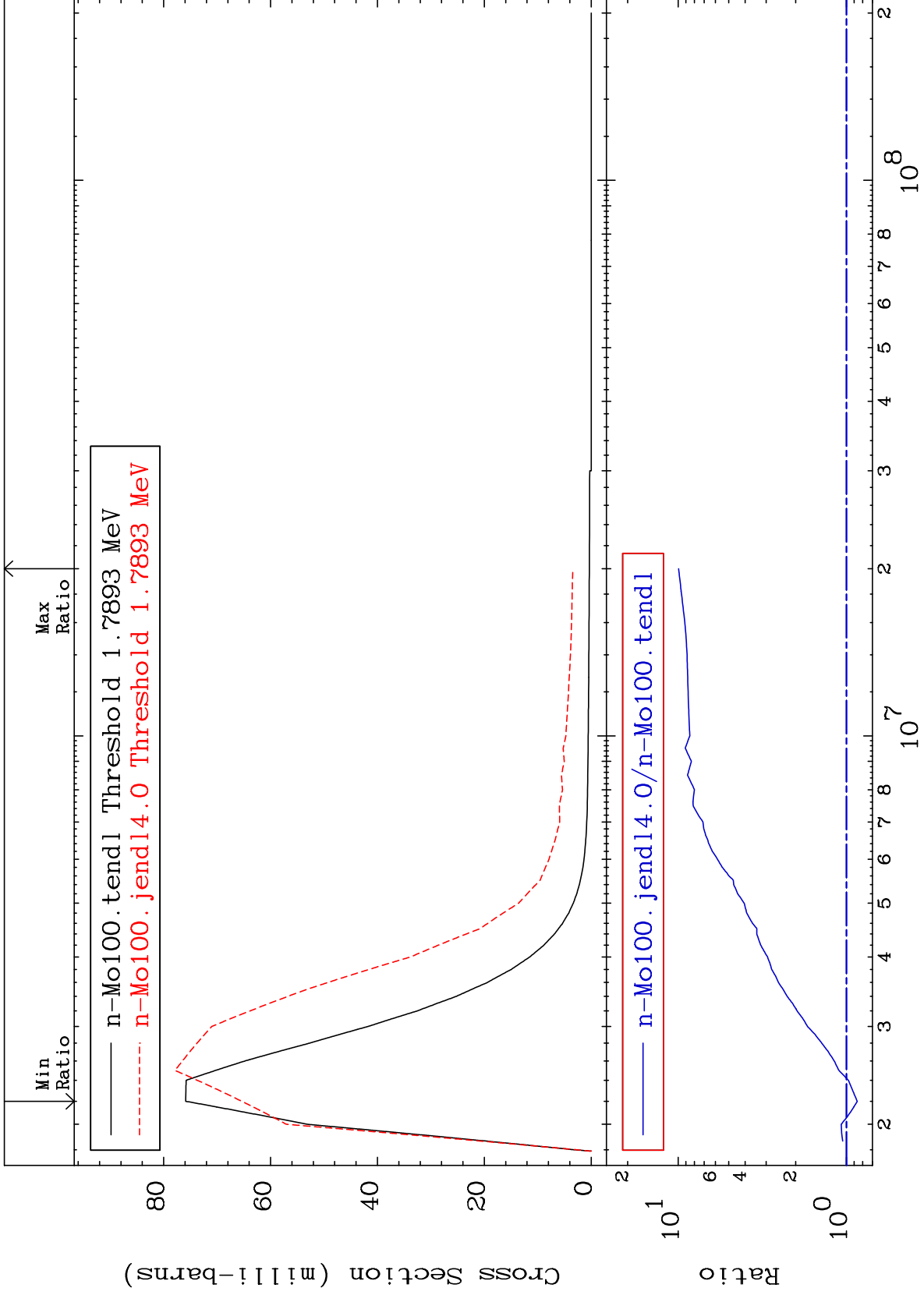
42-Mo-100
-53.28 To 348.5 %



MAT 4249

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

42-Mo-100
-13.86 To 893.7 %



17

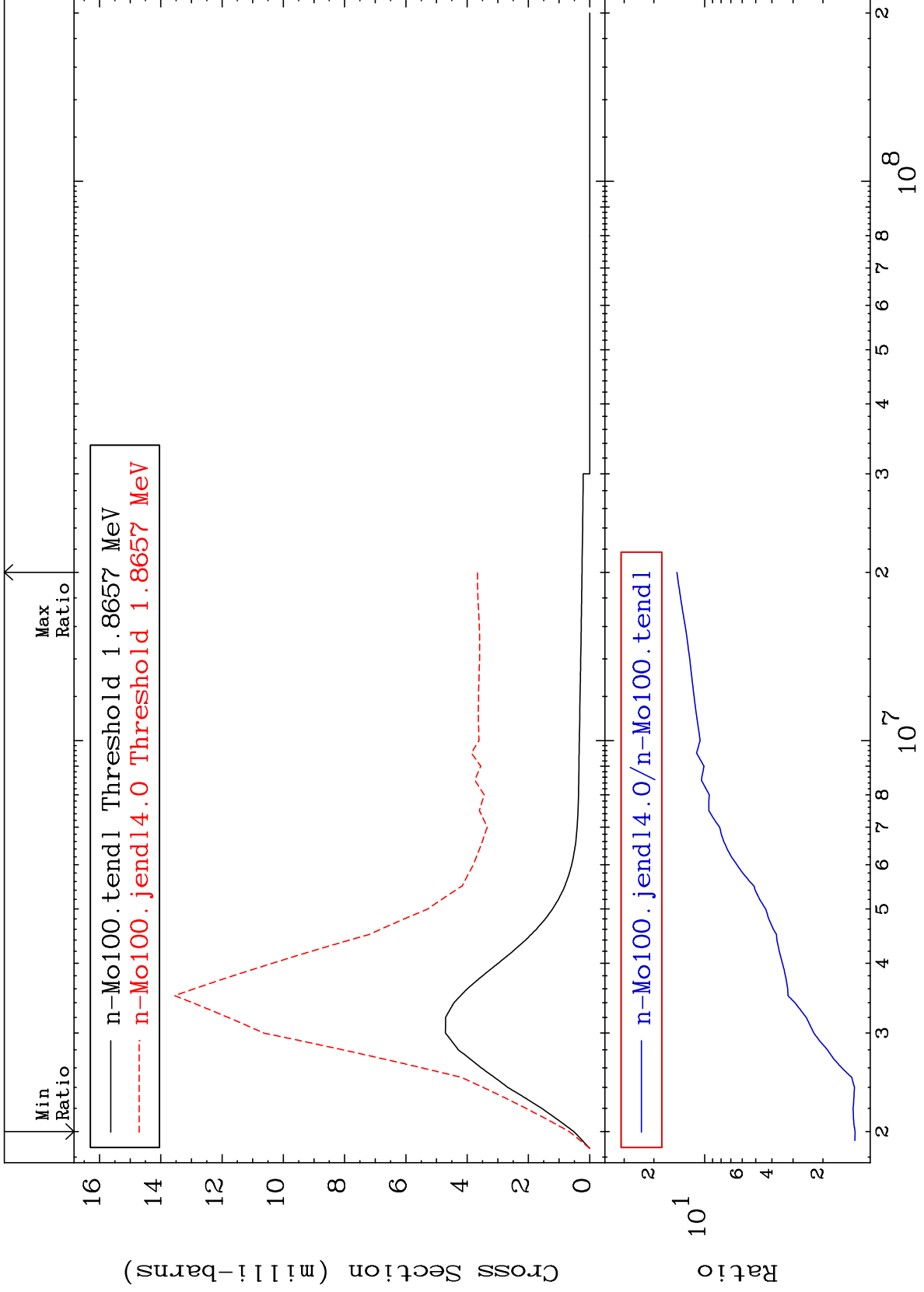
Incident Energy (eV)

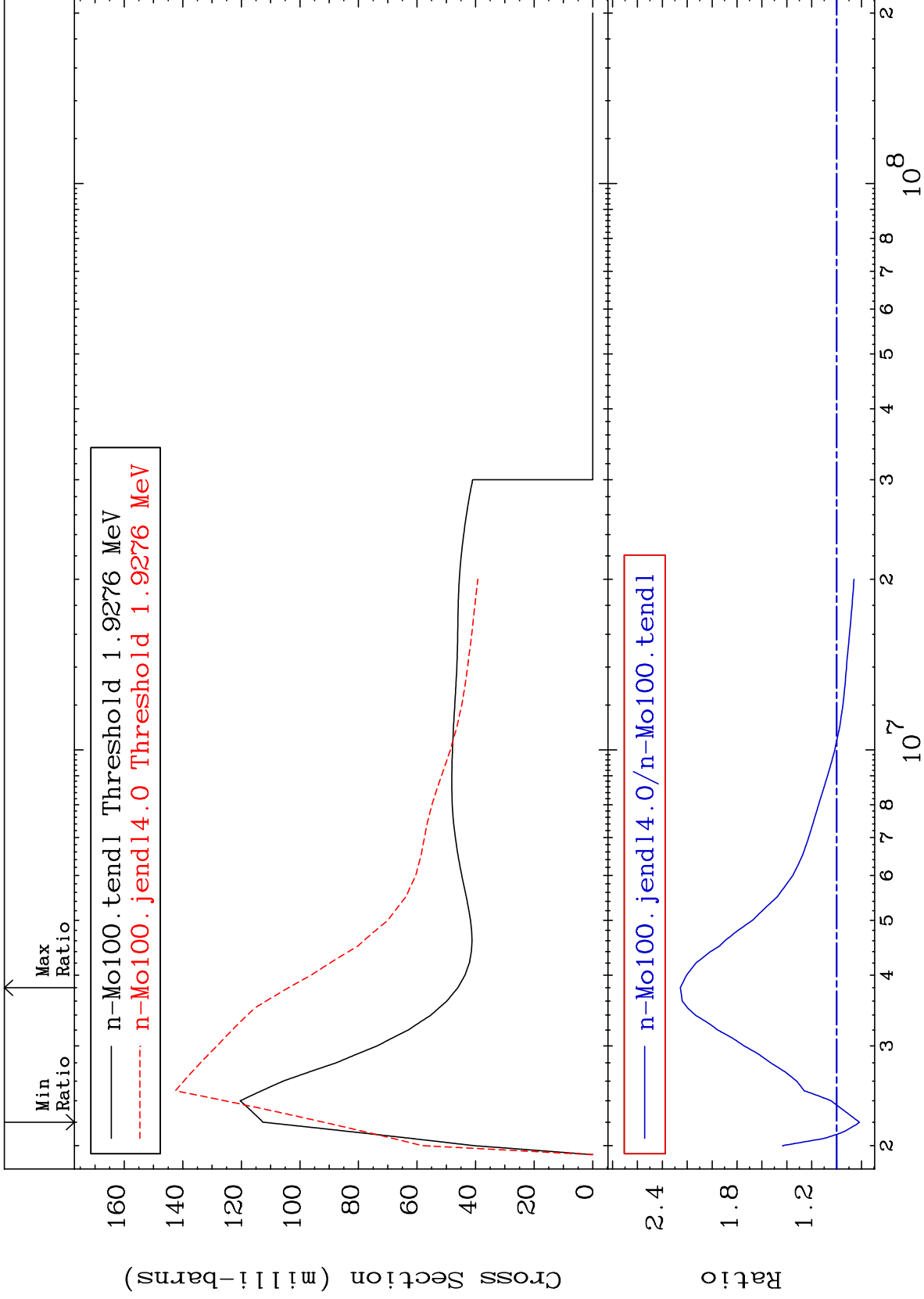
42-Mo-100

MAT 4249

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

42-Mo-100
28.96 To 1360. %

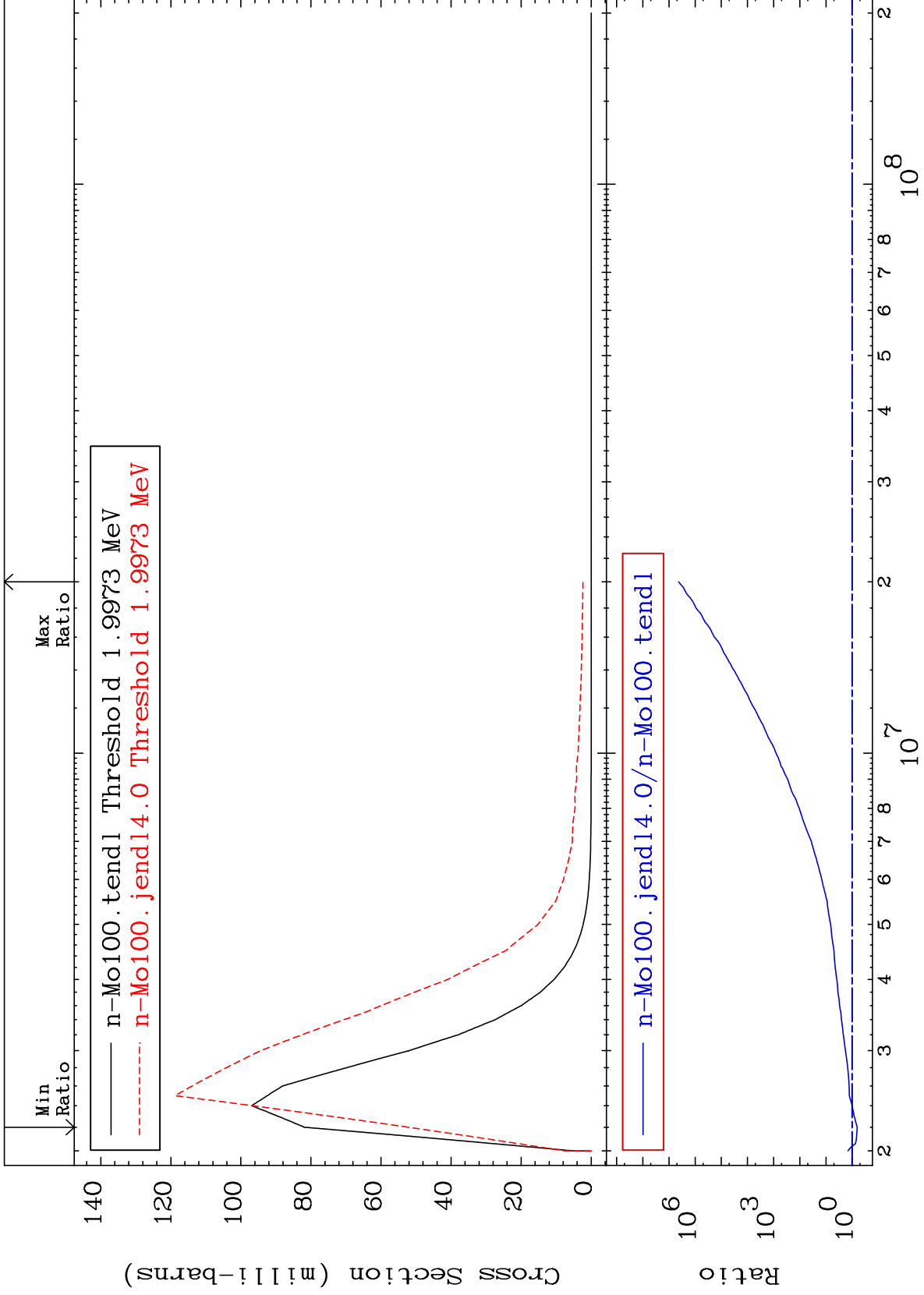




MAT 4249

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

42-Mo-100
-36.24 To 9999. %



20

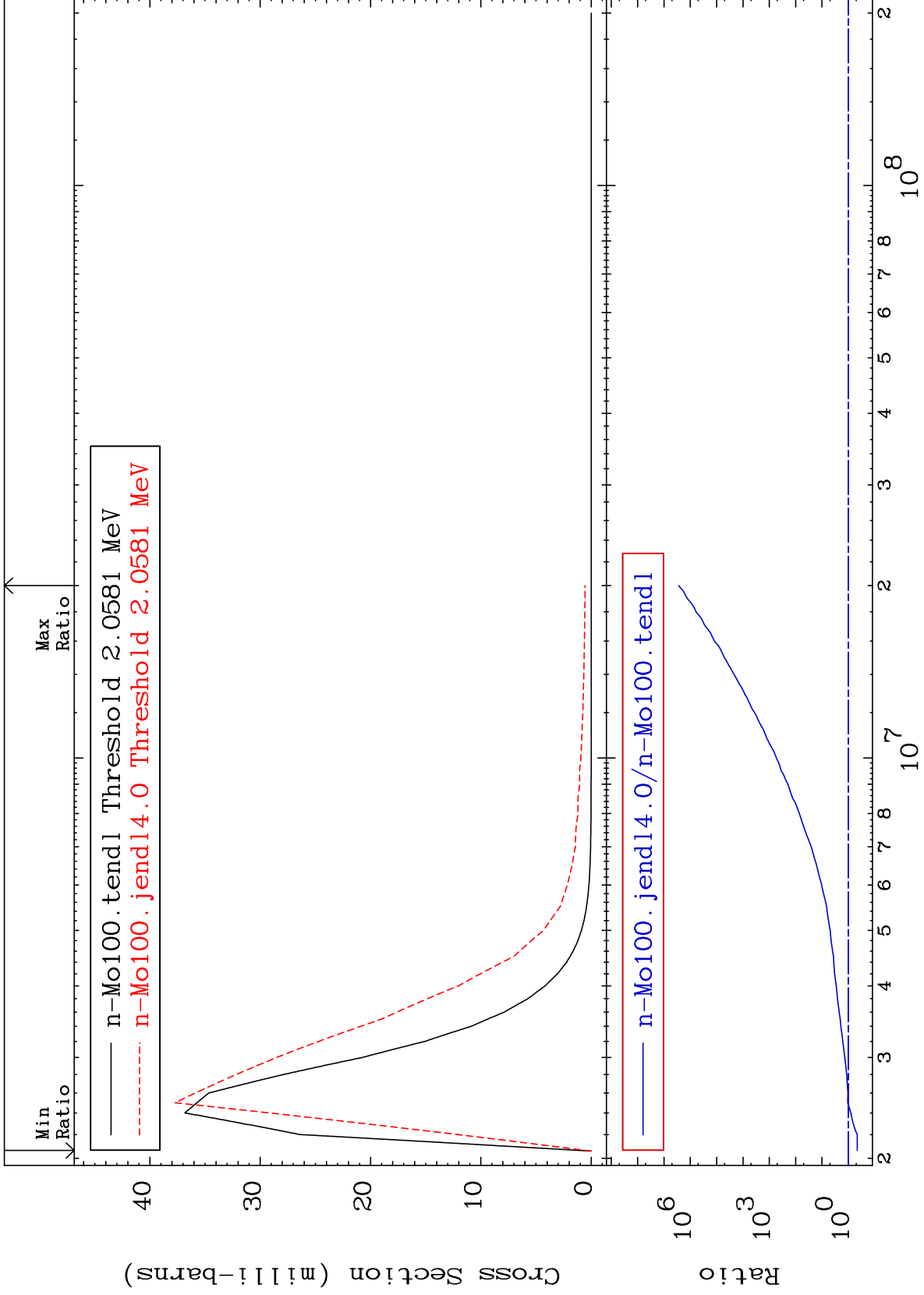
Incident Energy (eV)

42-Mo-100

MAT 4249

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

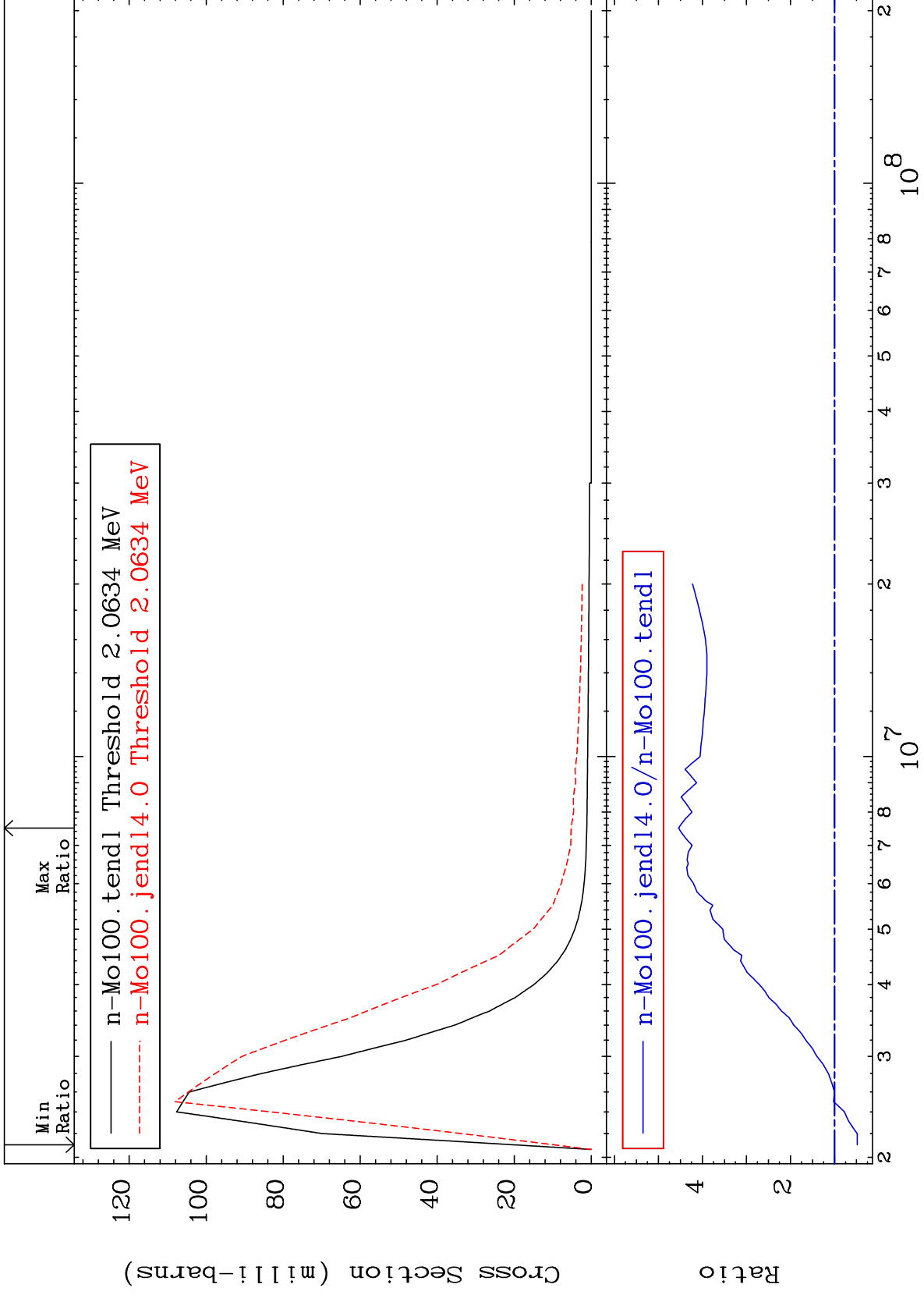
42-Mo-100
-54.18 To 9999. %



MAT 4249

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

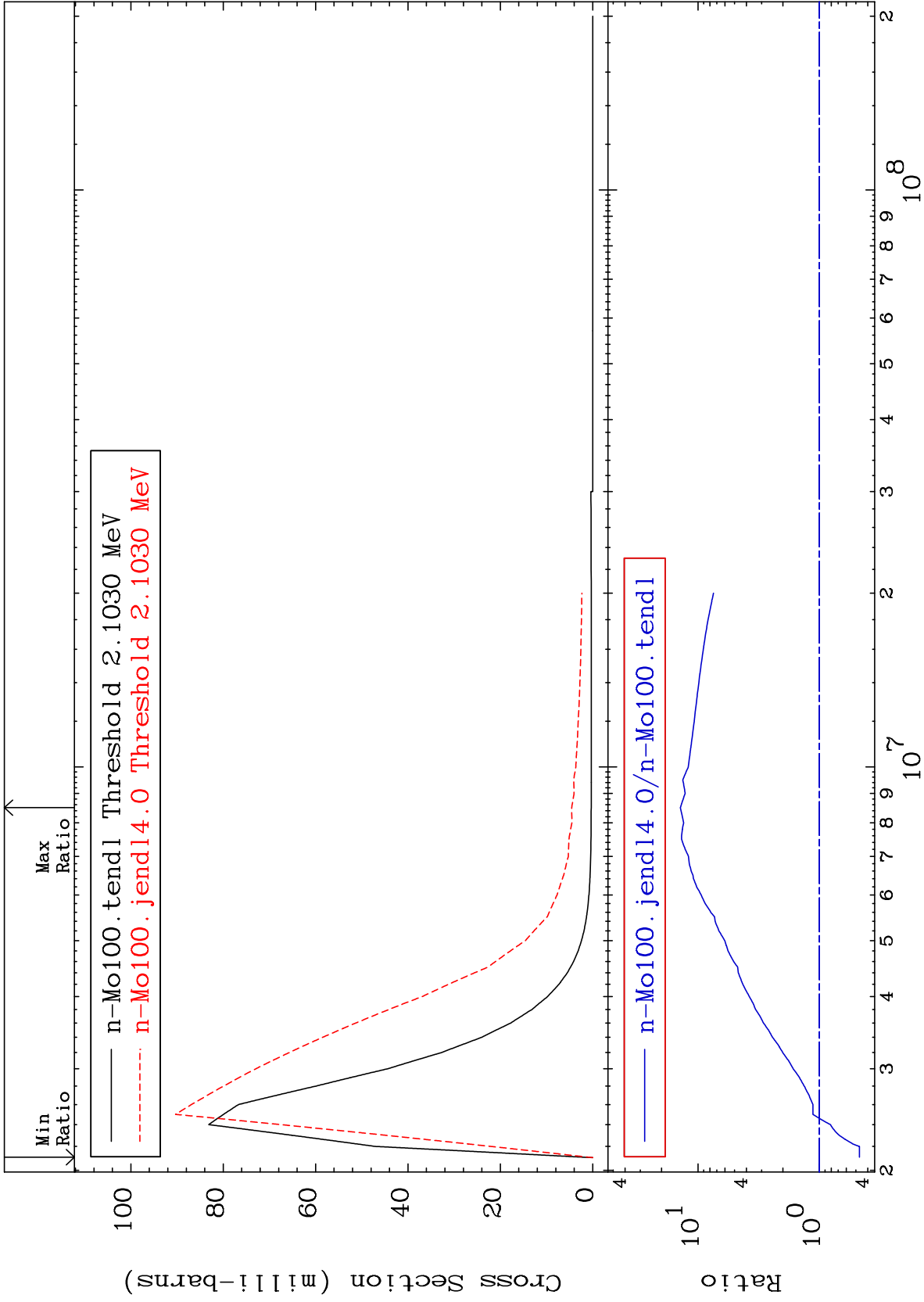
42-Mo-100
-51.70 To 354.1 %



22

Incident Energy (eV)

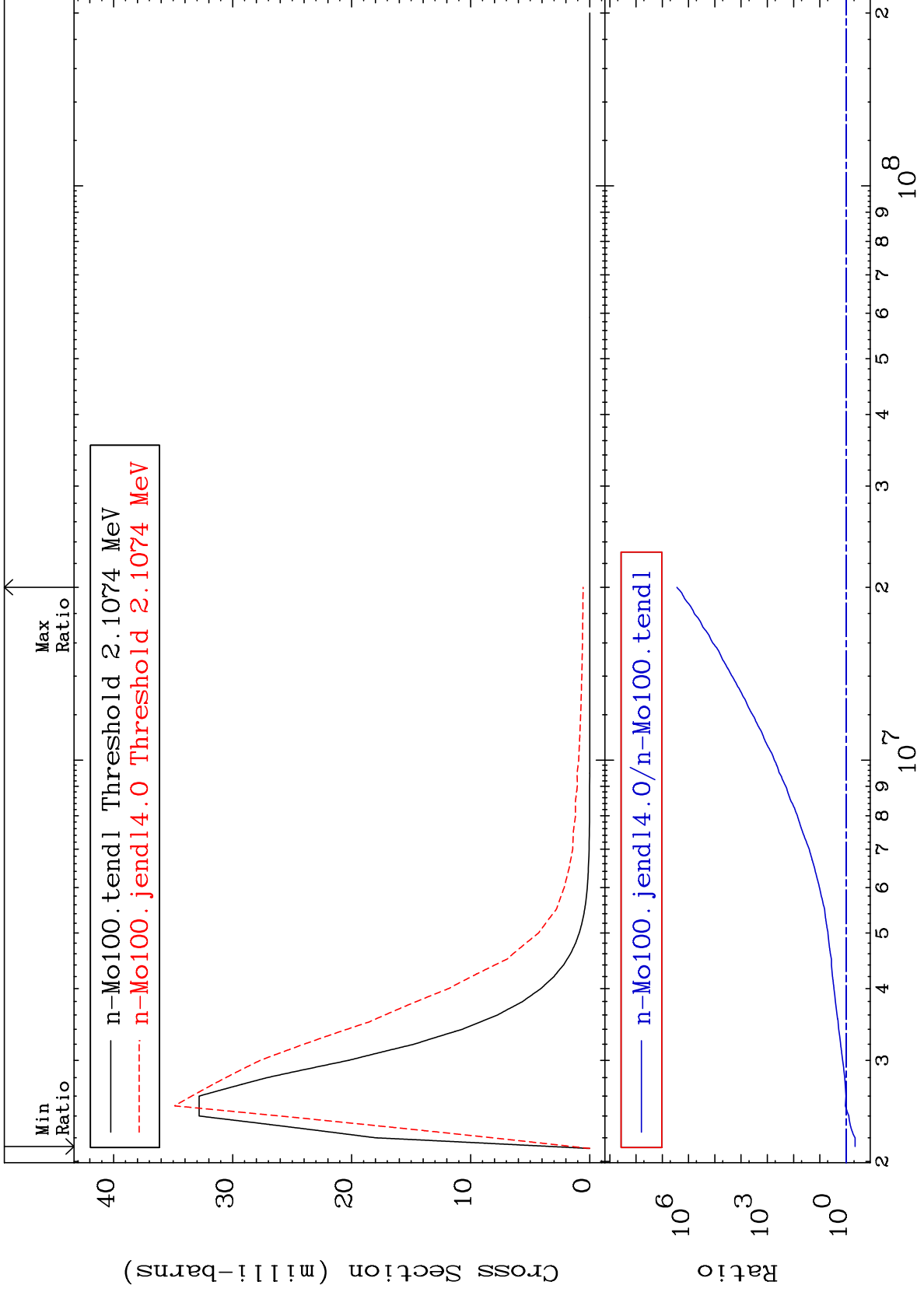
42-Mo-100



MAT 4249

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

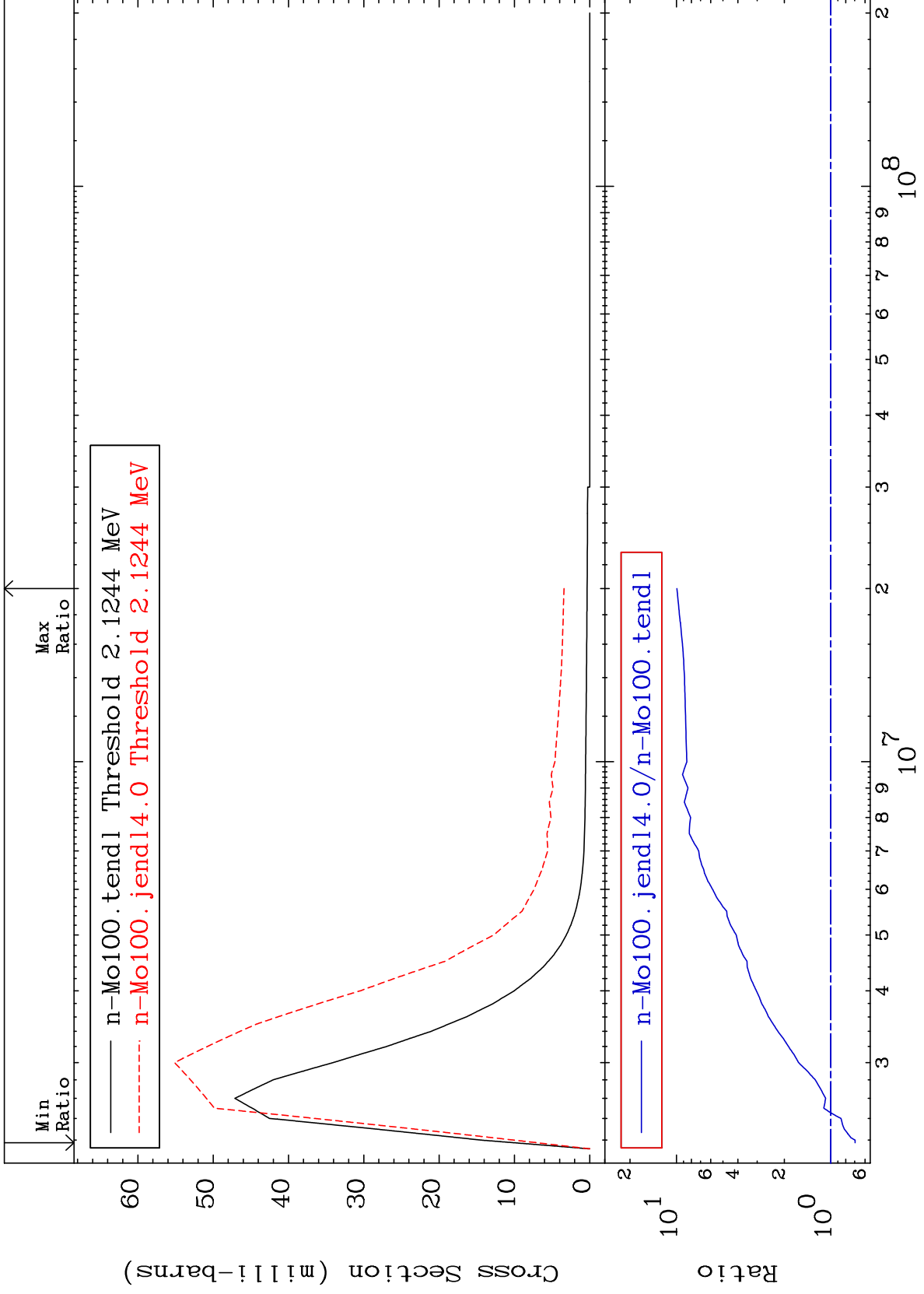
42-Mo-100
-54.42 To 9999. %

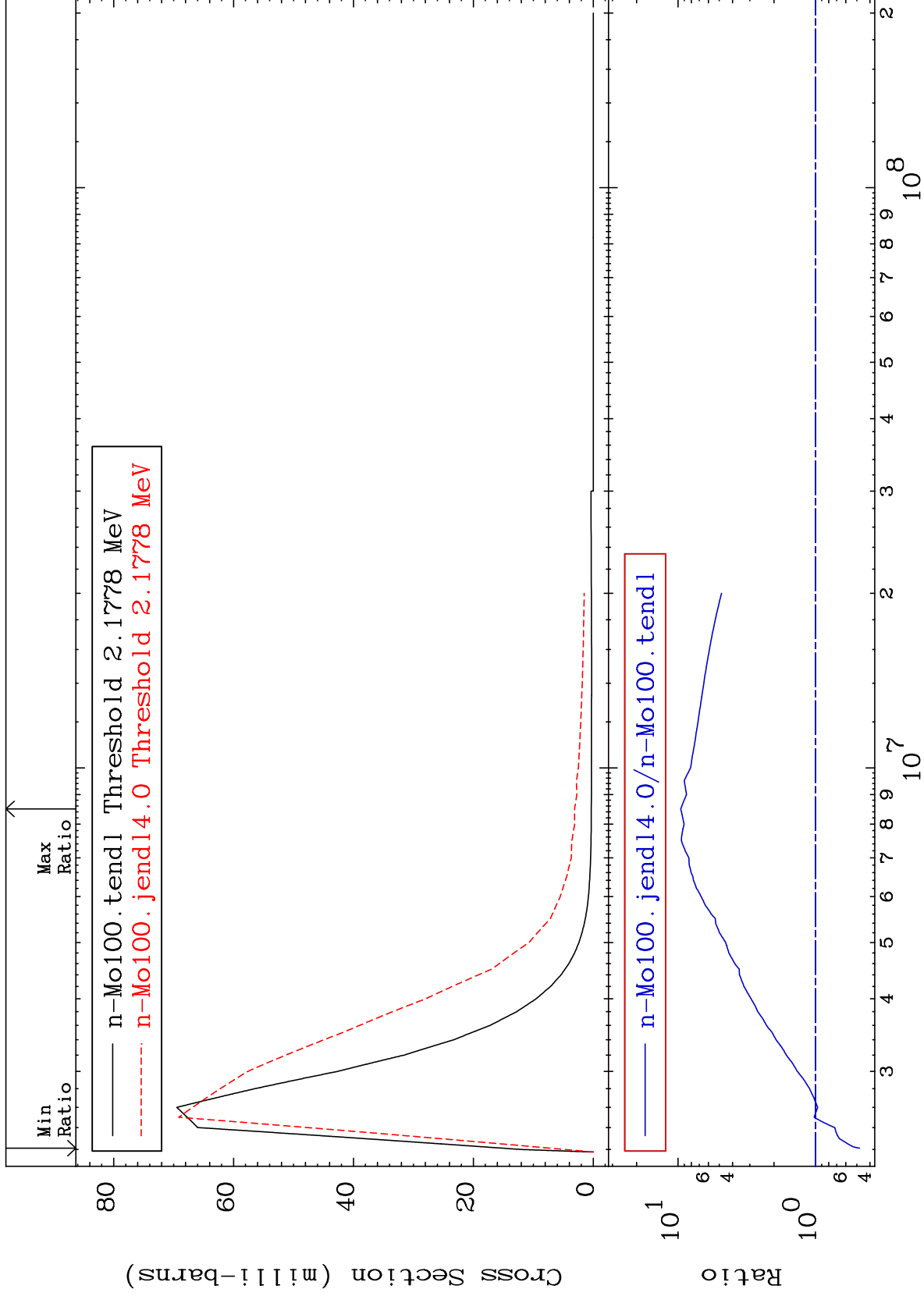


MAT 4249

MT= 67 (n,n') Level
Cross Section

42-Mo-100
-30.33 To 894.1 %

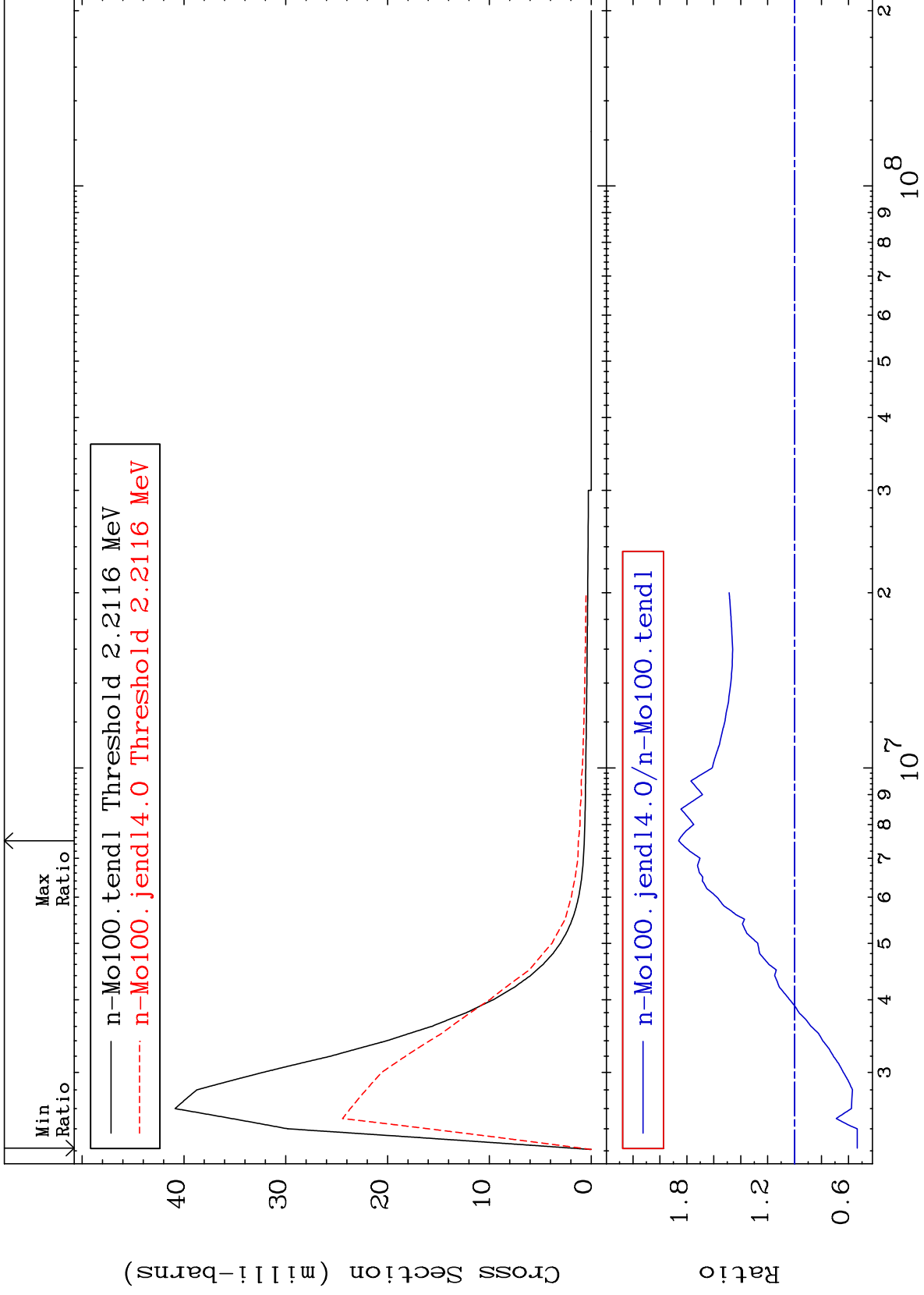




MAT 4249

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

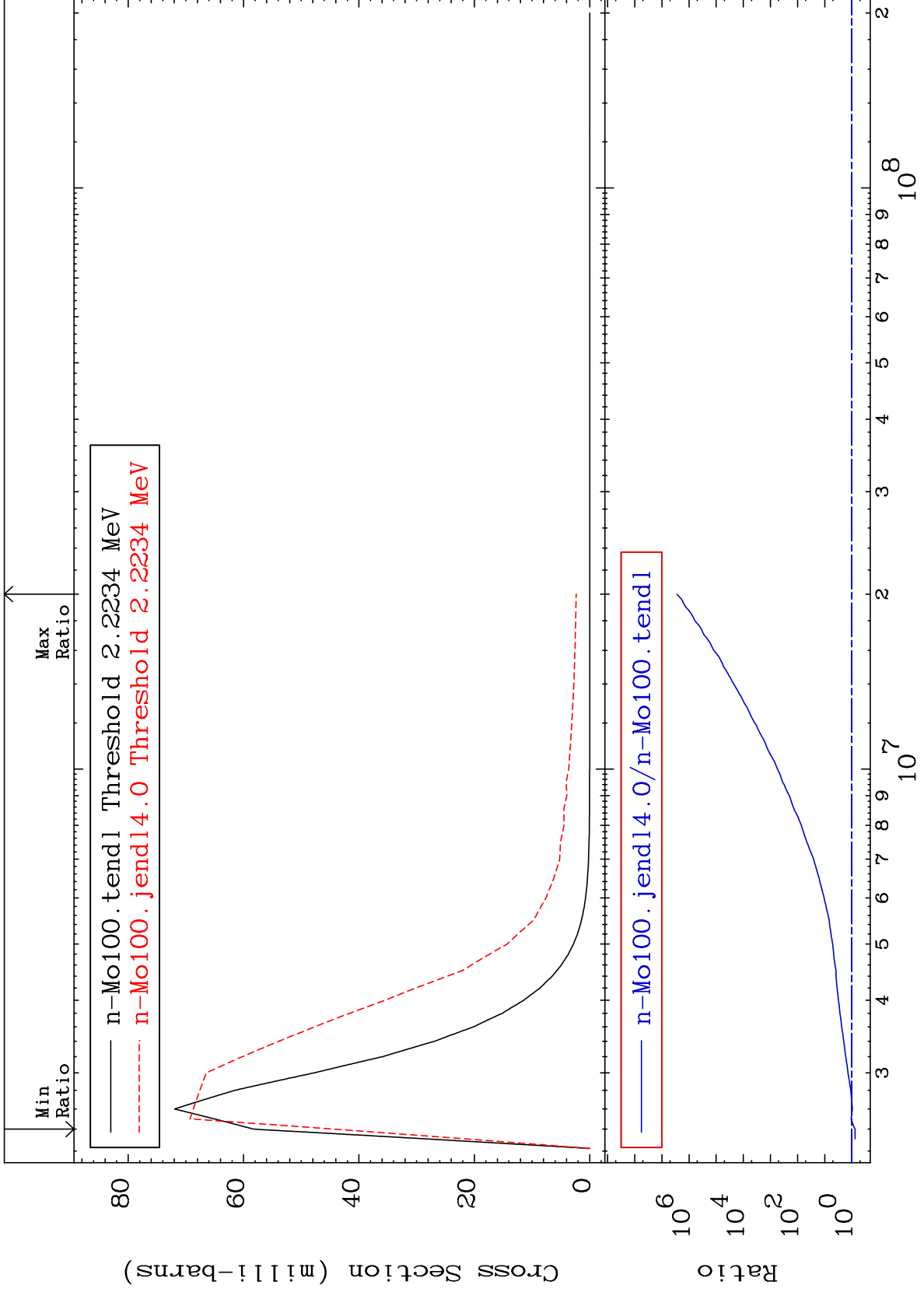
42-Mo-100
-46.49 To 86.10 %

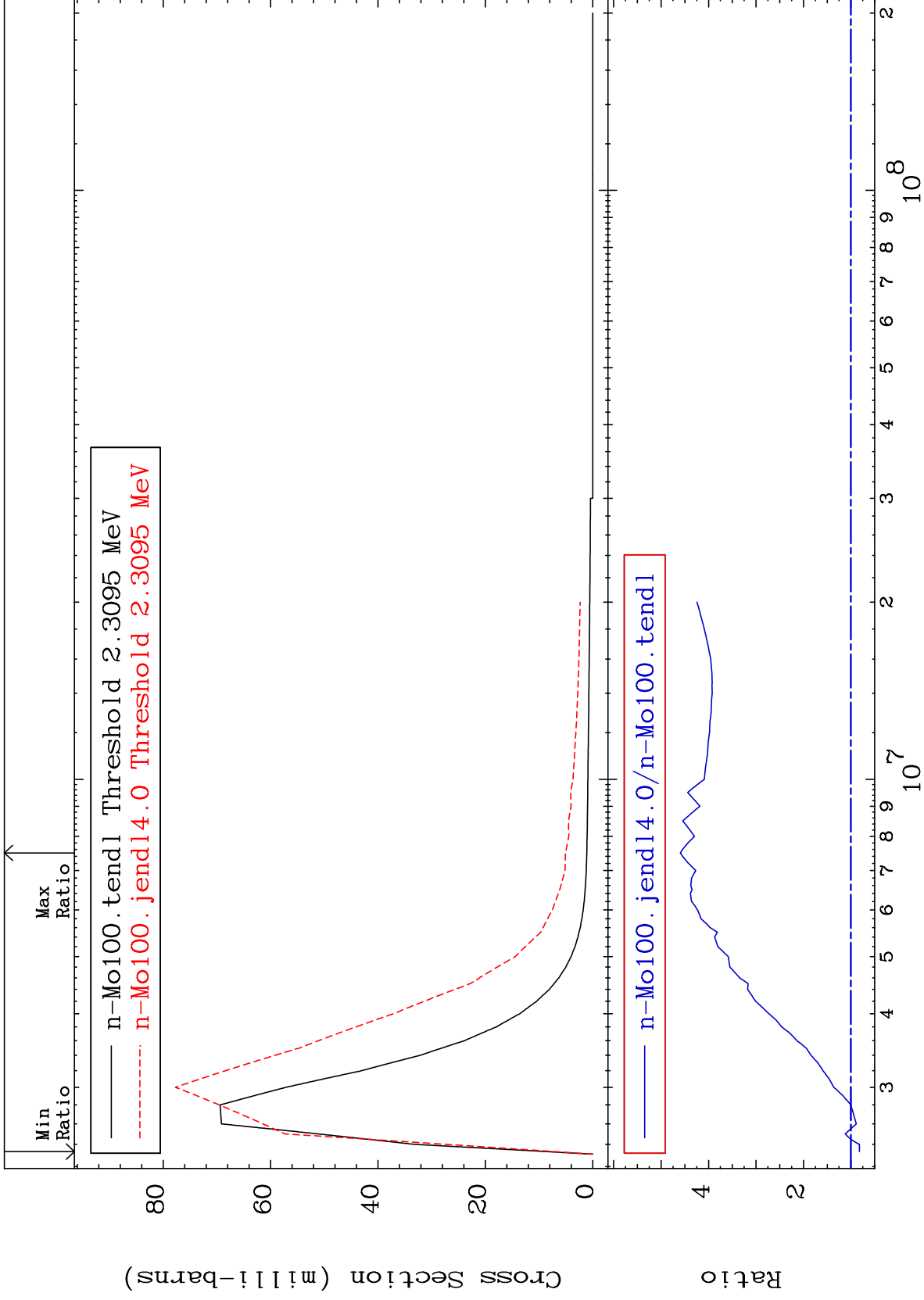


MAT 4249

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

42-Mo-100
-24.04 To 9999. %

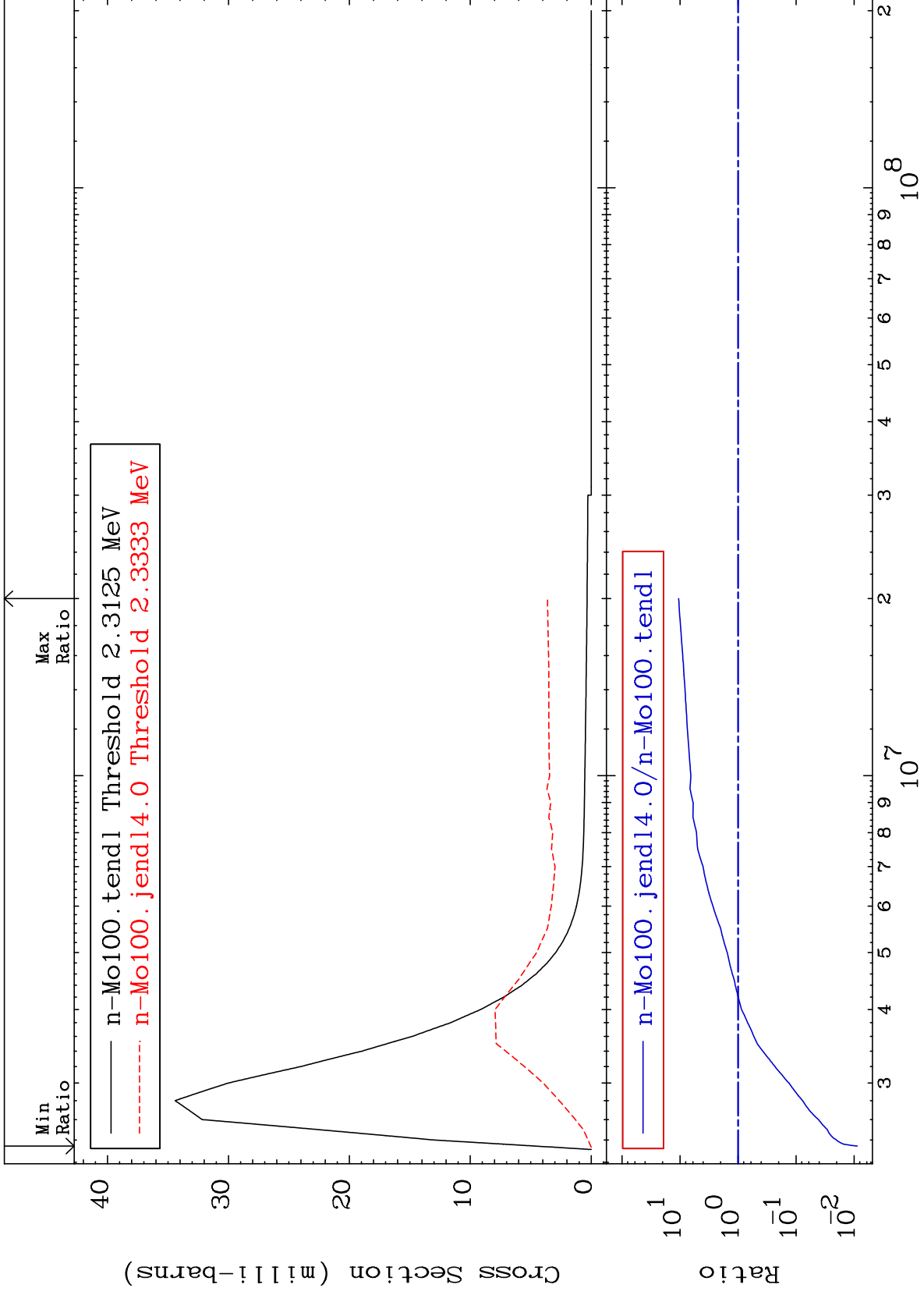




MAT 4249

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

42-Mo-100
-99.12 To 954.5 %



30

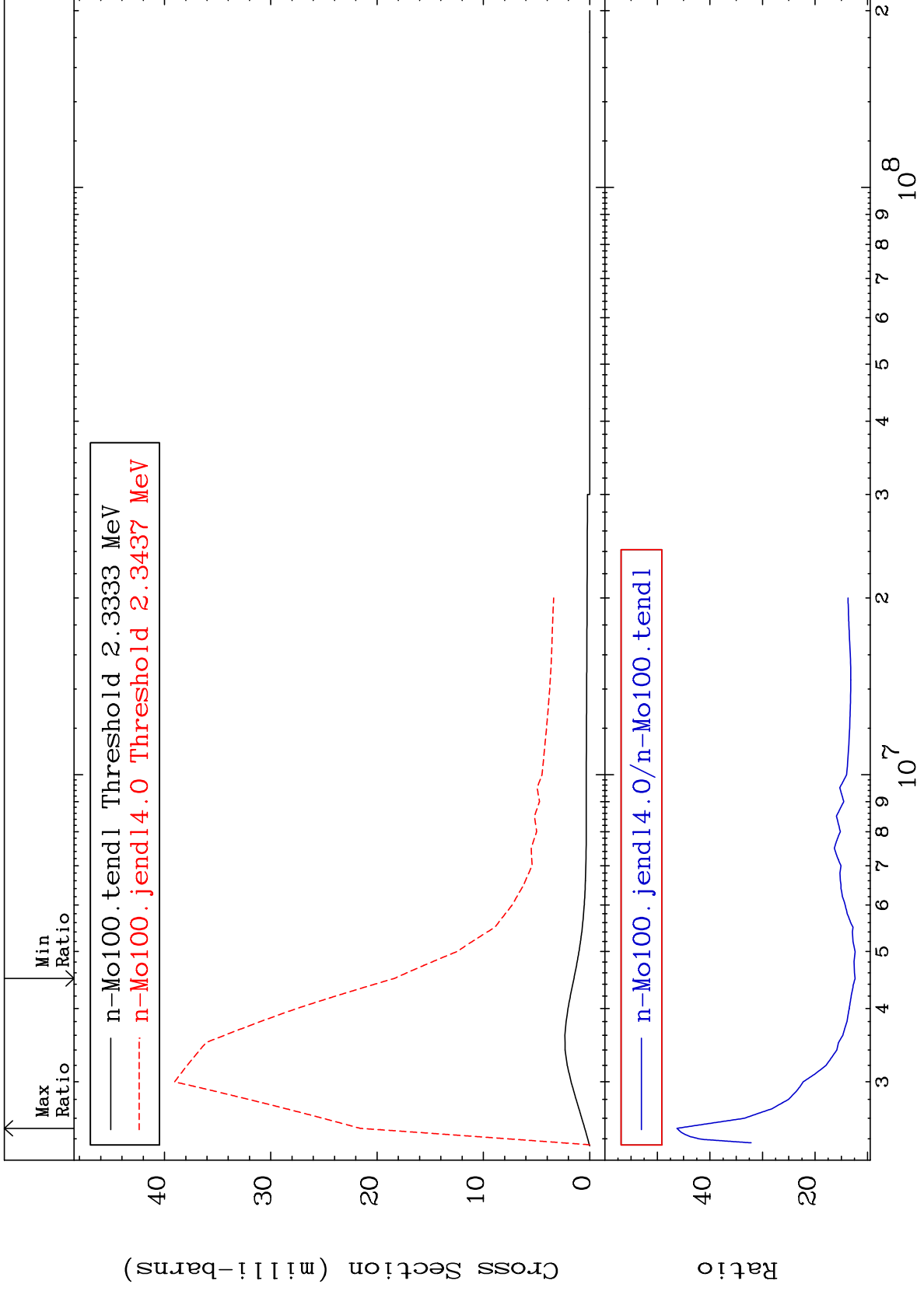
Incident Energy (eV)

42-Mo-100

MAT 4249

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

42-Mo-100
To 4527. %



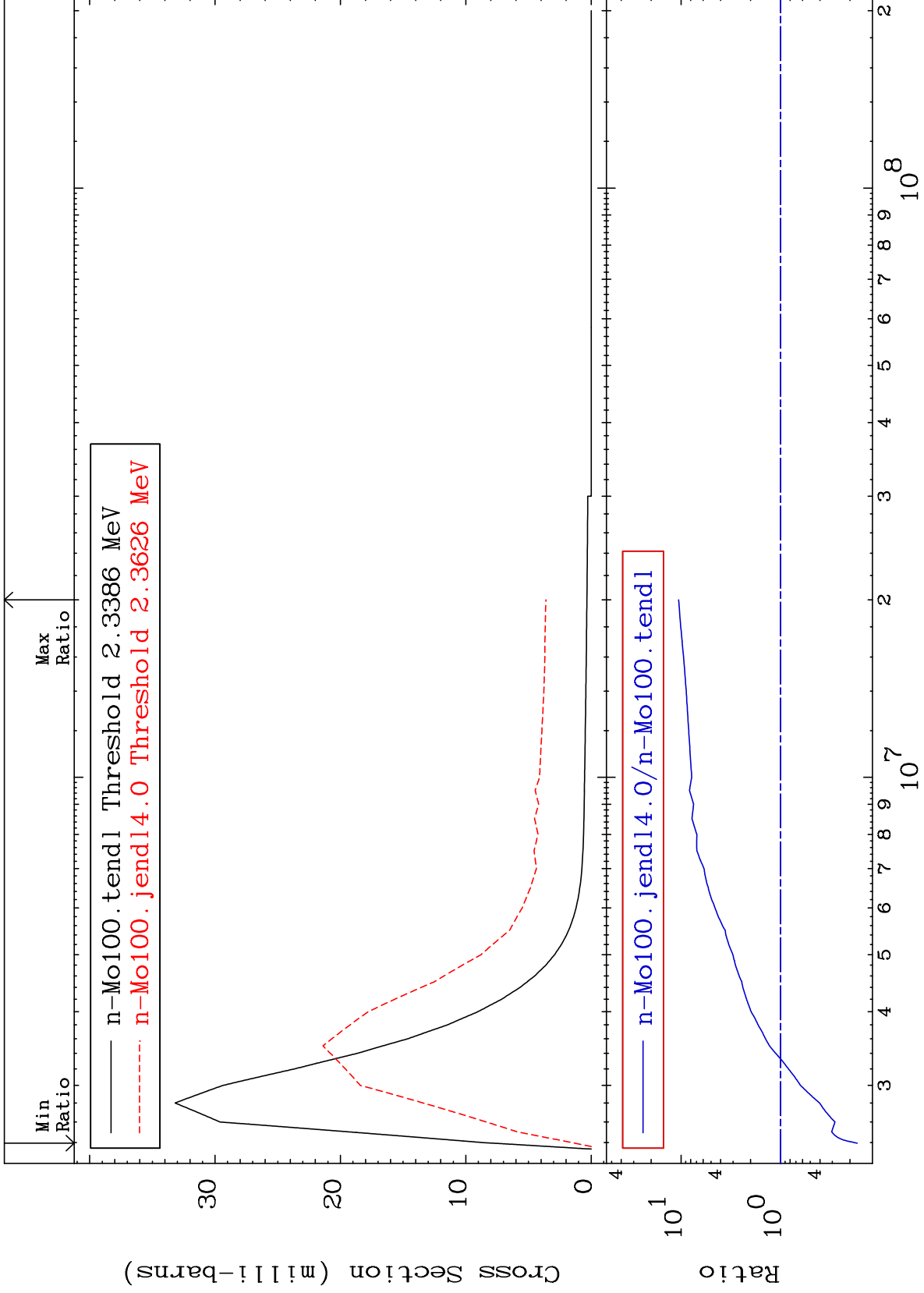
31

42-Mo-100

MAT 4249

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

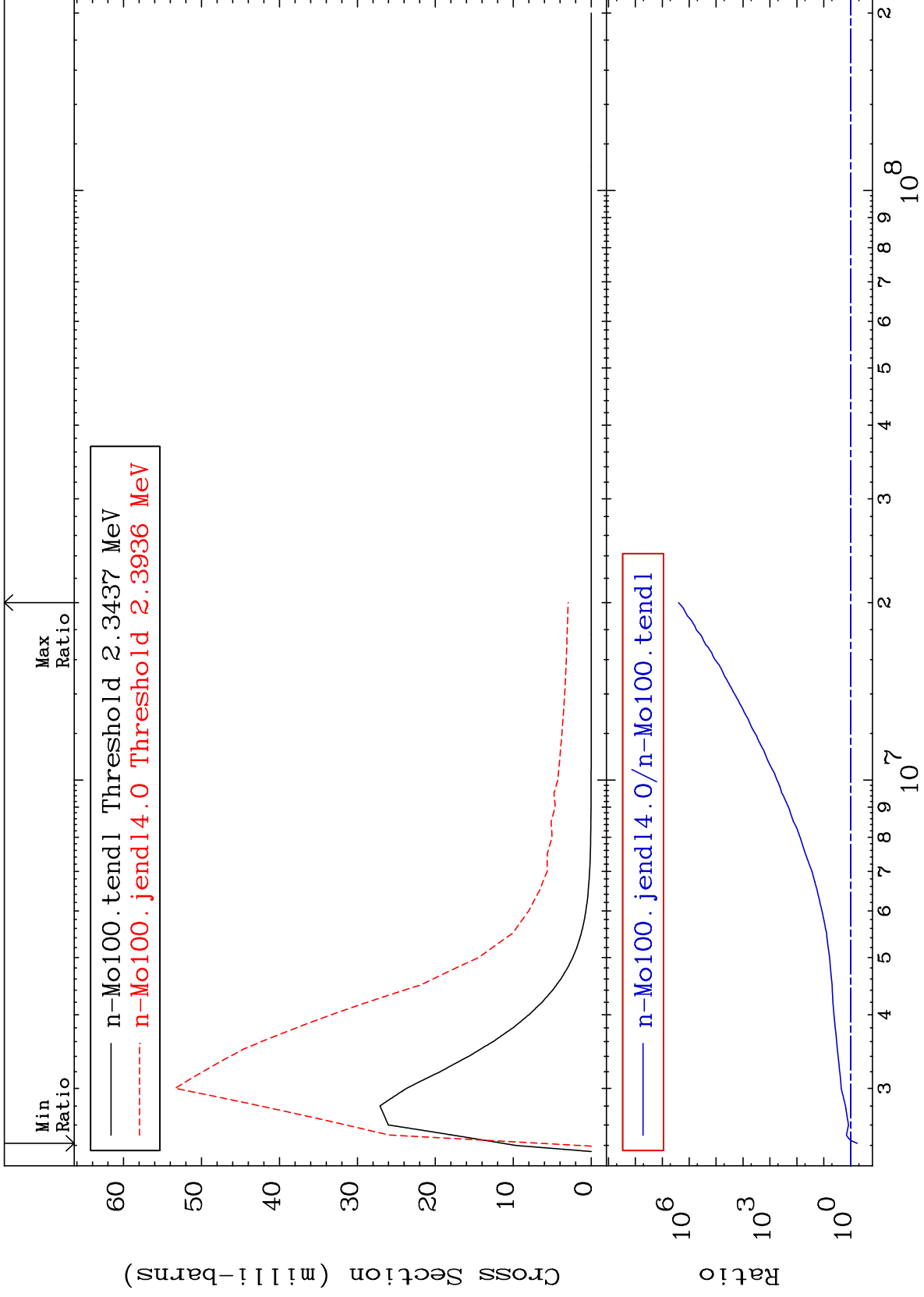
42-Mo-100
-83.14 To 957.7 %



MAT 4249

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

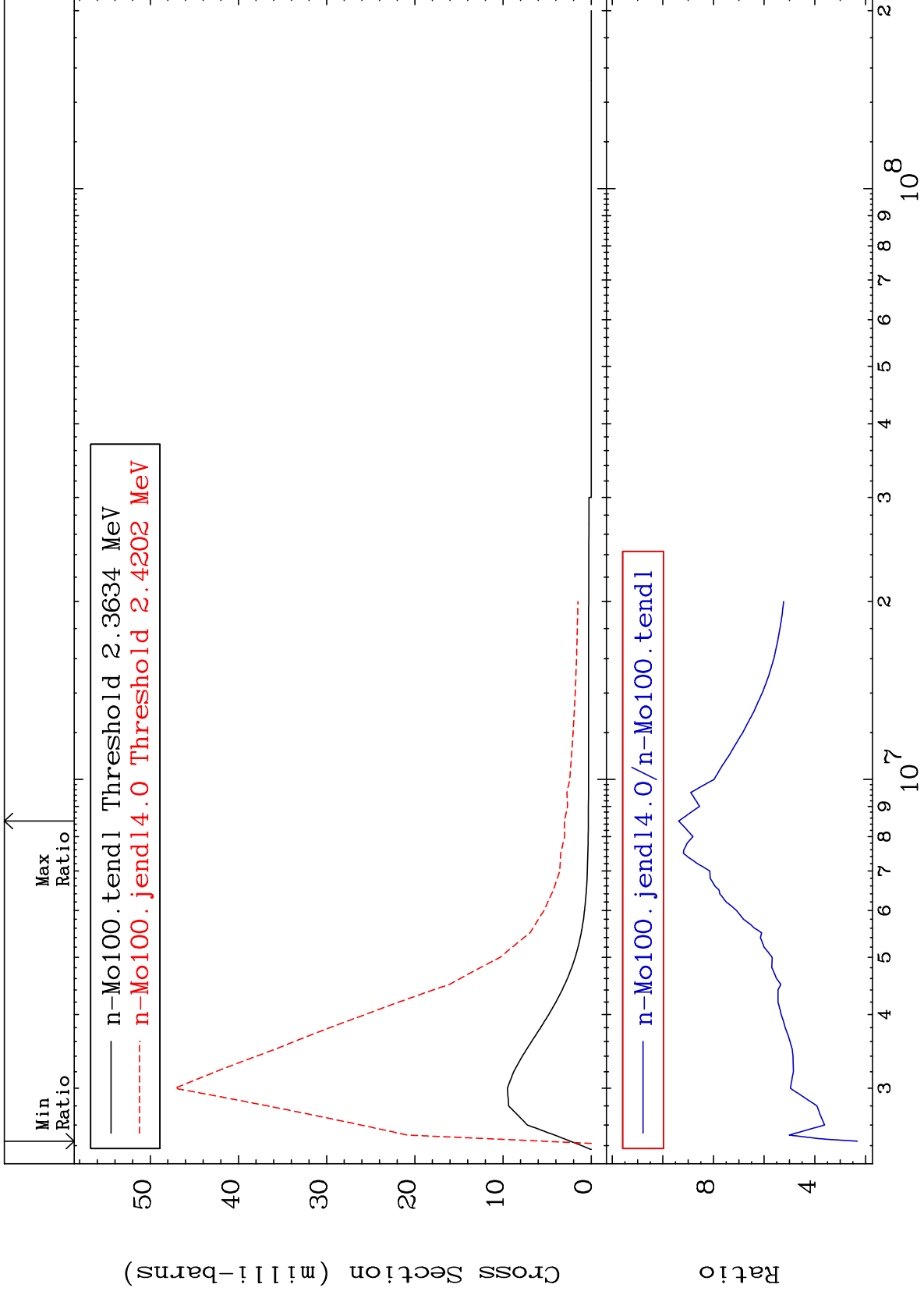
42-Mo-100
-42.67 To 9999. %



MAT 4249

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

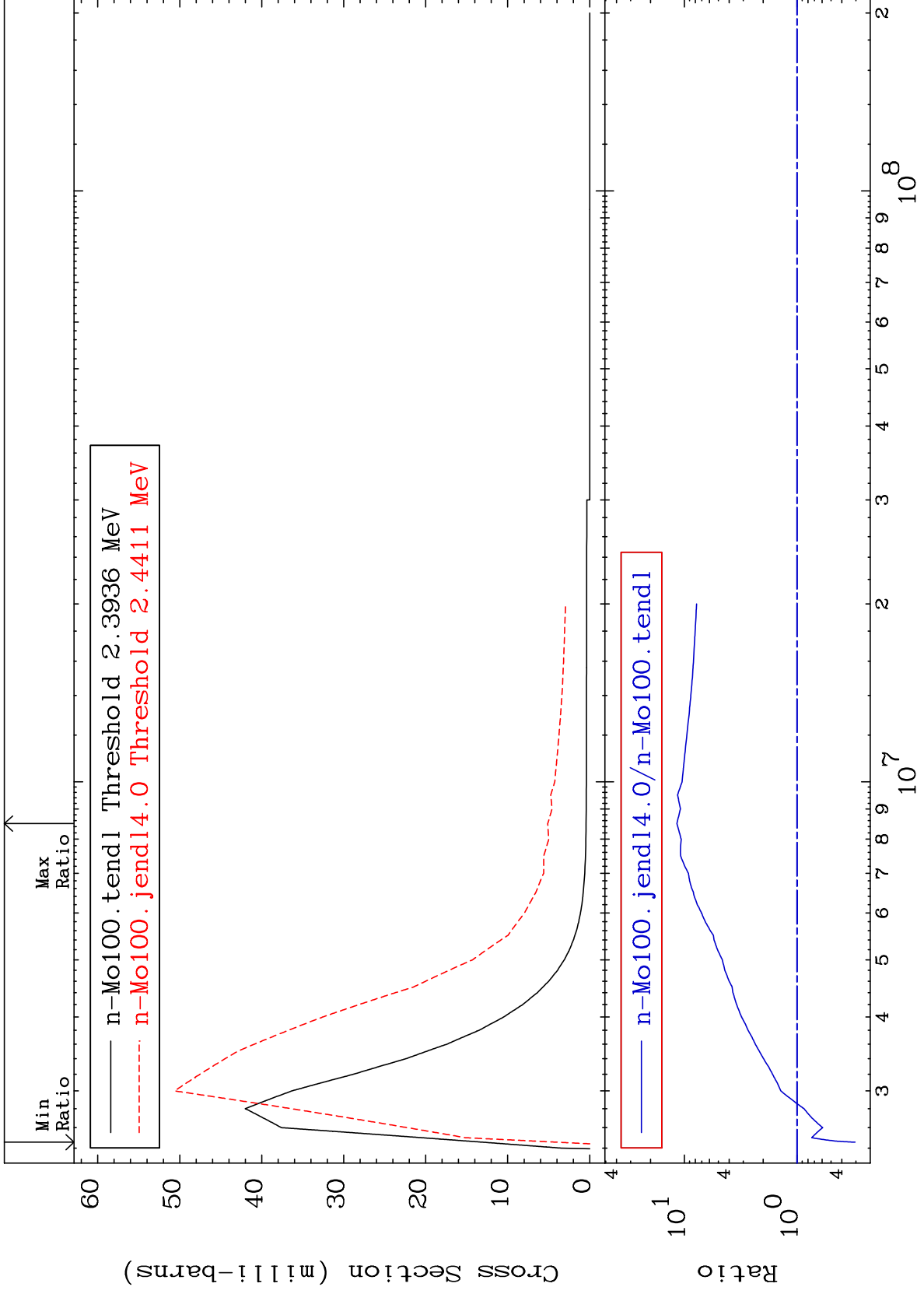
42-Mo-100
132.4 To 837.8 %



MAT 4249

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

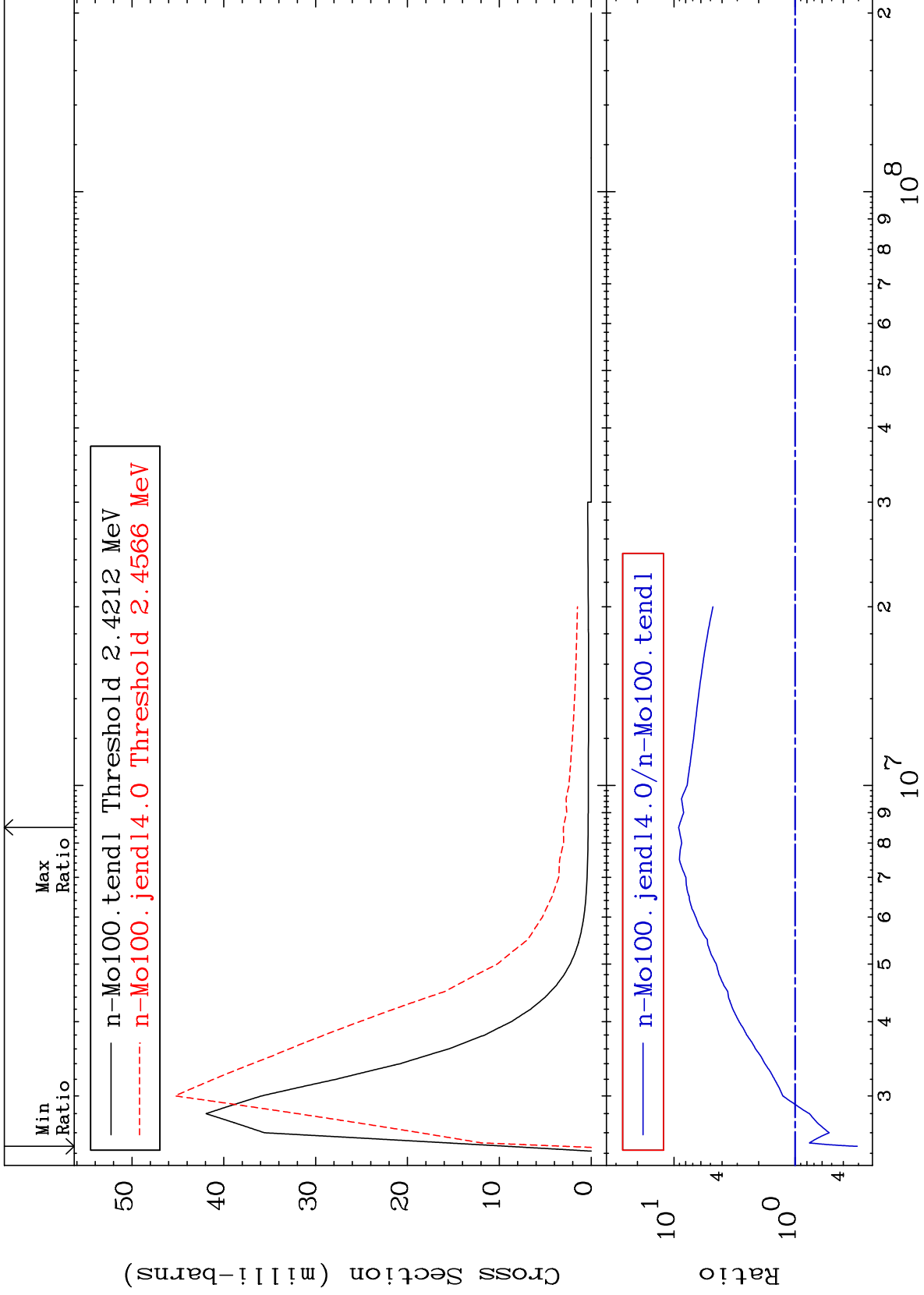
42-Mo-100
-69.48 To 1065. %

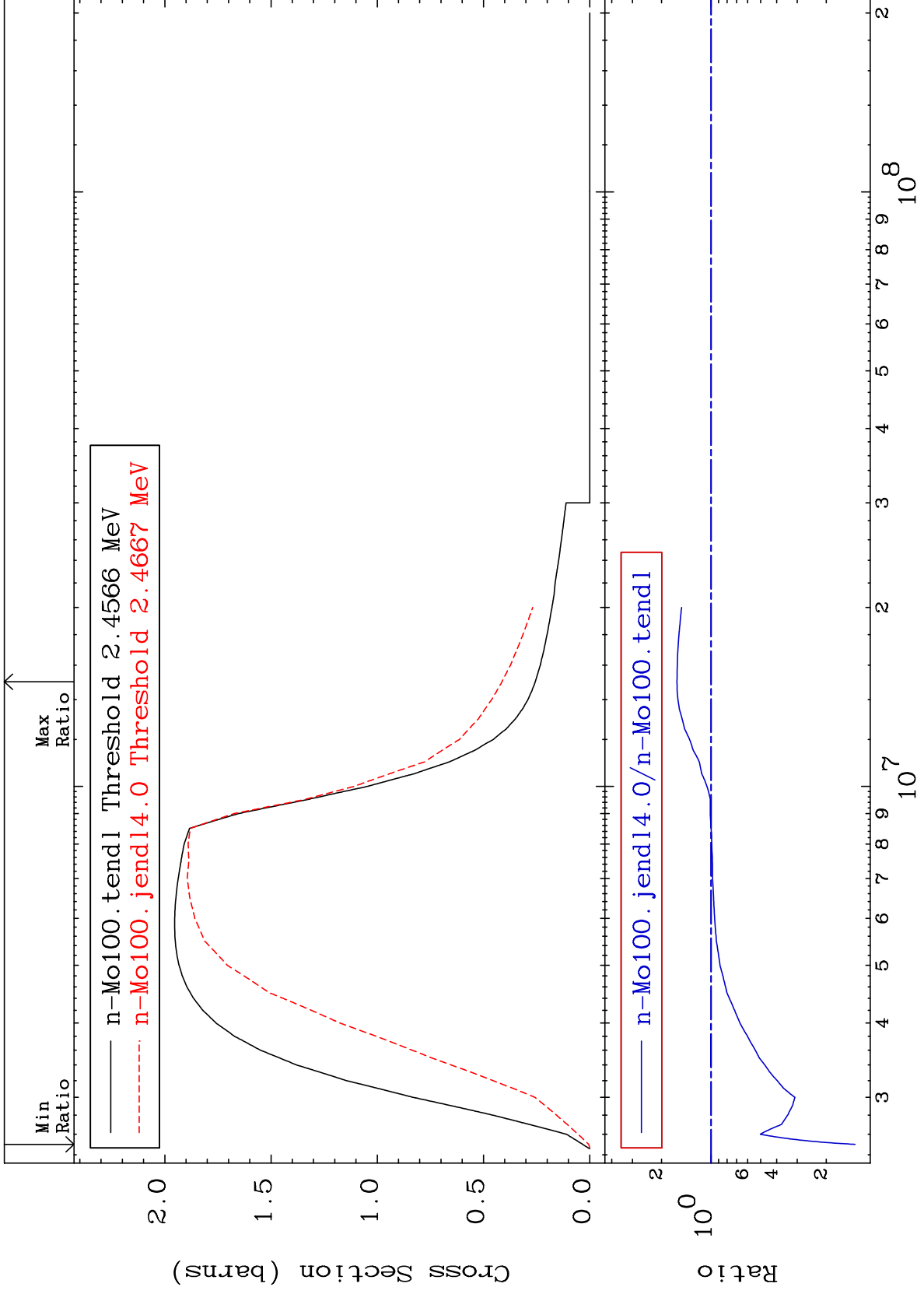


MAT 4249

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

42-Mo-100
-69.26 To 814.2 %





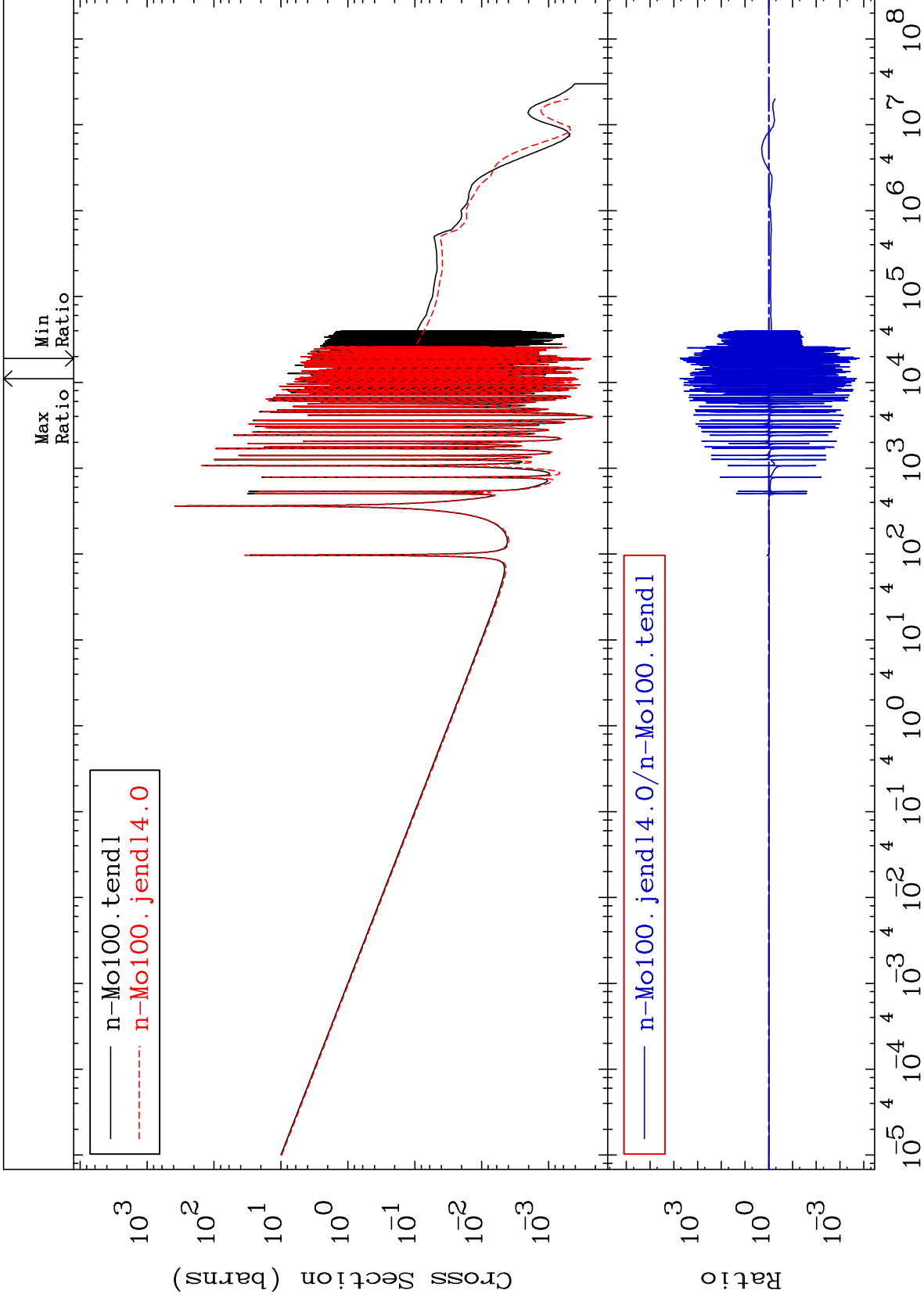
MAT 4249

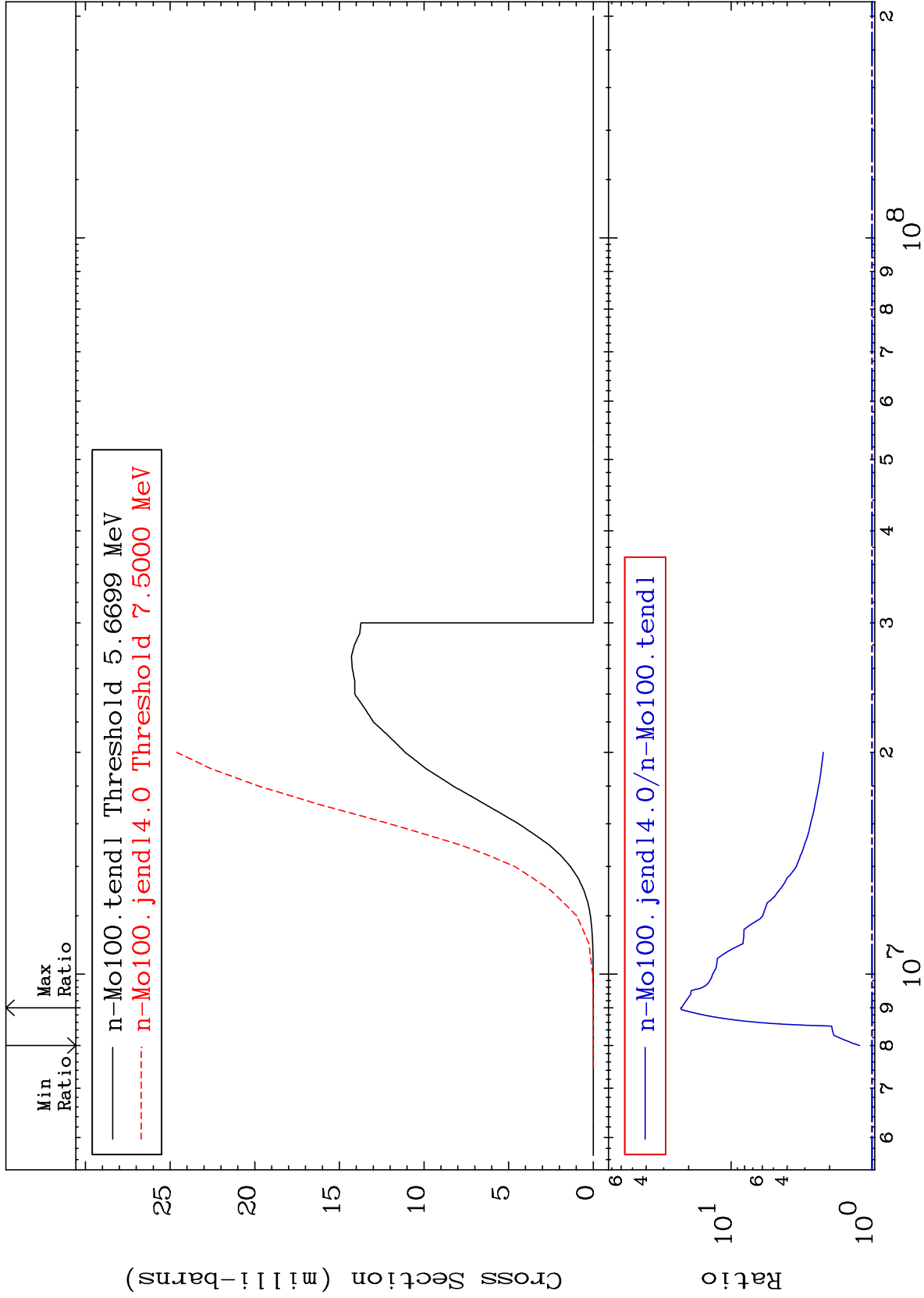
(n, γ)

42-Mo-100

Cross Section

-99.98 To 9999. %





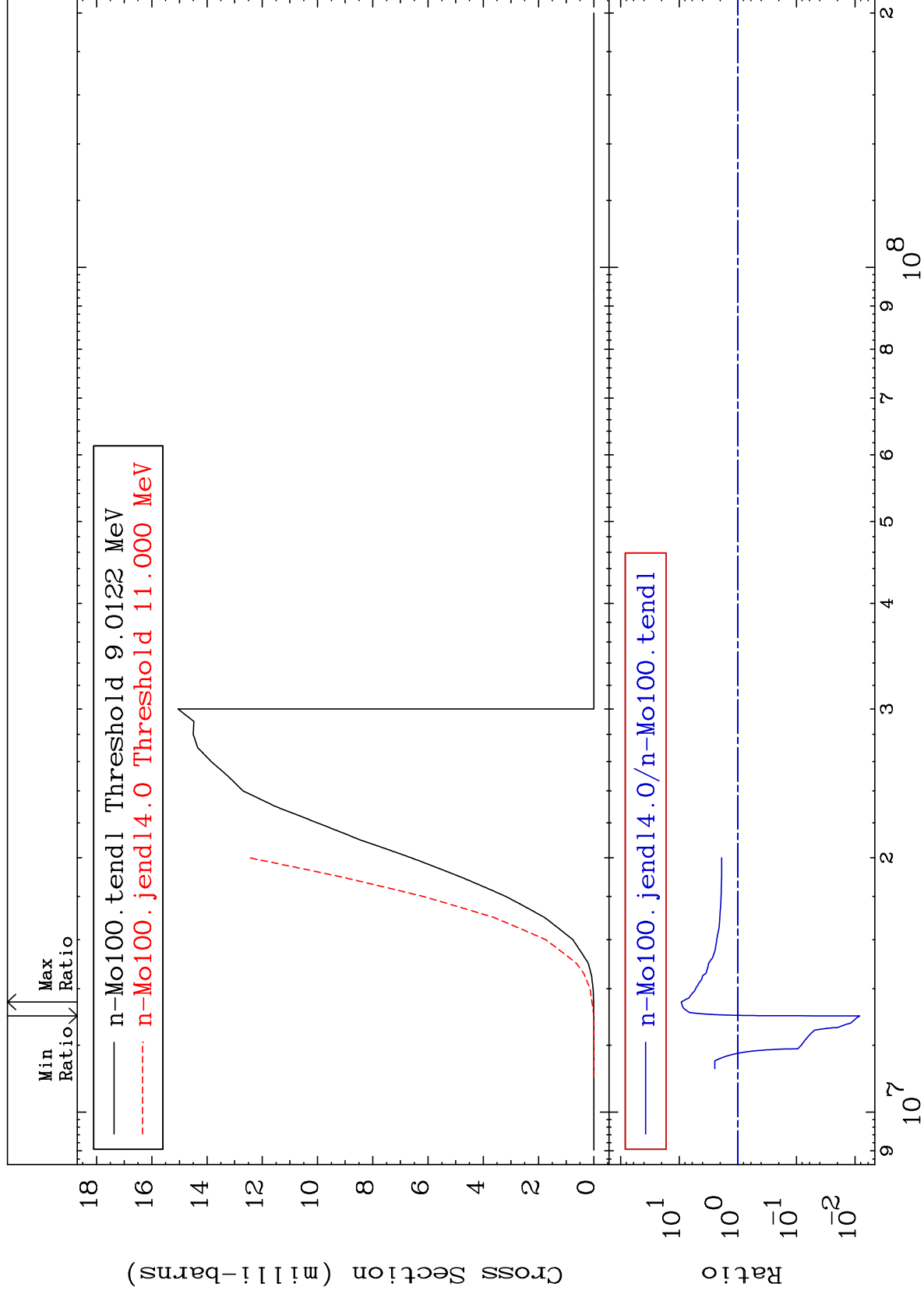
MAT 4249

(n, d)

42-Mo-100

Cross Section

-99.16 To 826.3 %



40

Incident Energy (eV)

42-Mo-100

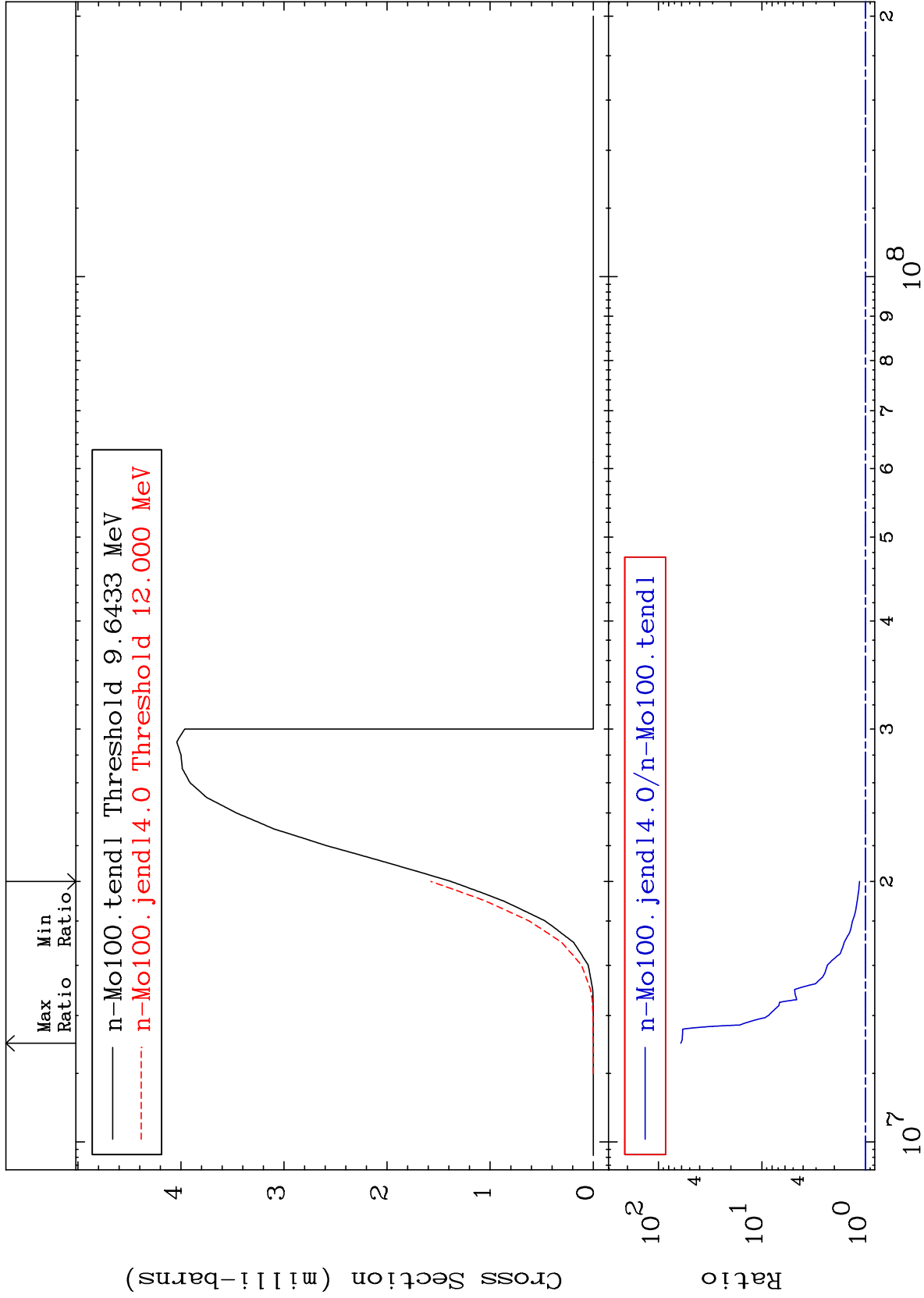
MAT 4249

(n, t)

42-Mo-100

Cross Section

14.16 To 5997. %



41

Incident Energy (eV)

42-Mo-100

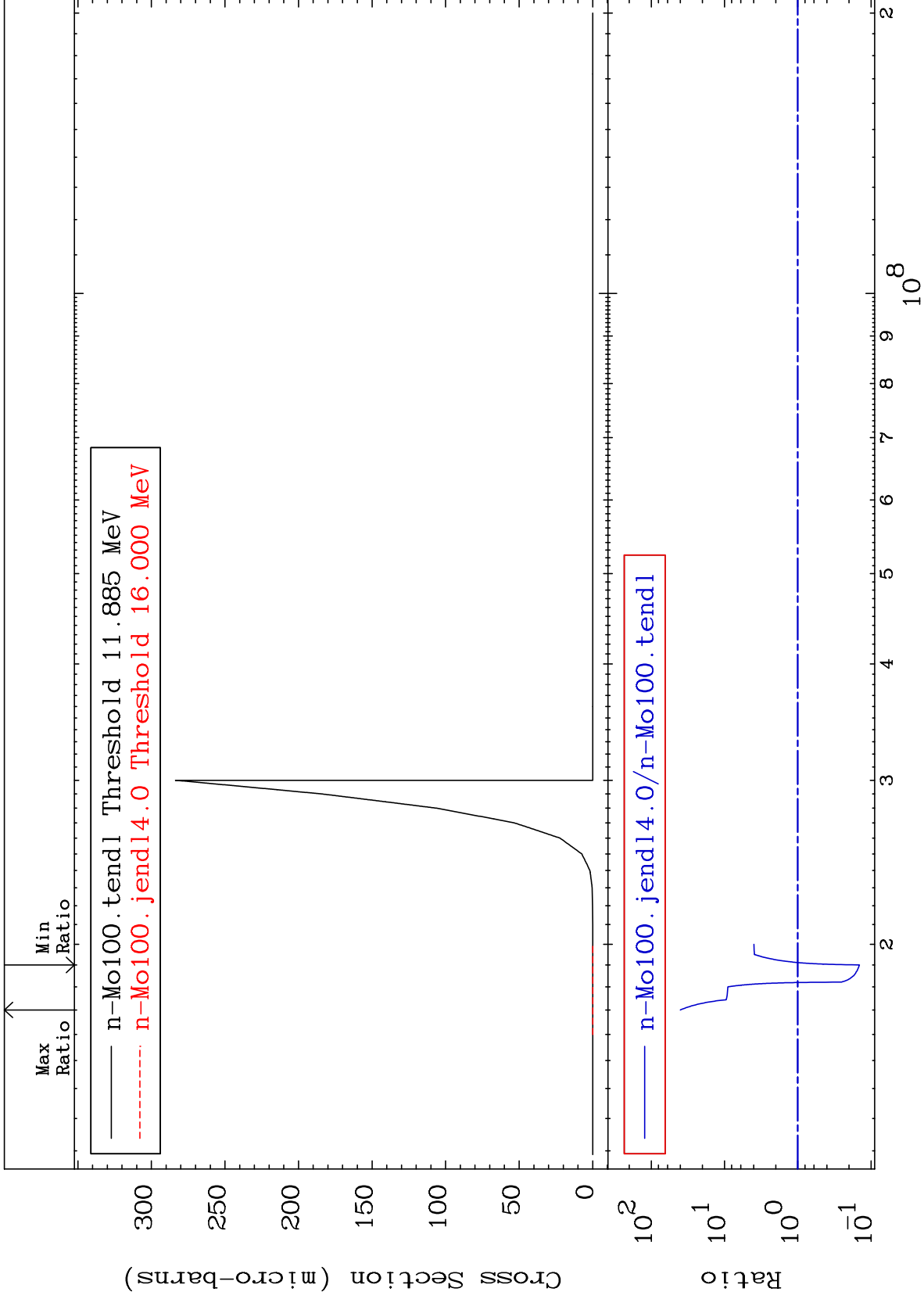
MAT 4249

(n, He-3)

42-Mo-100

Cross Section

-85.58 To 3905. %



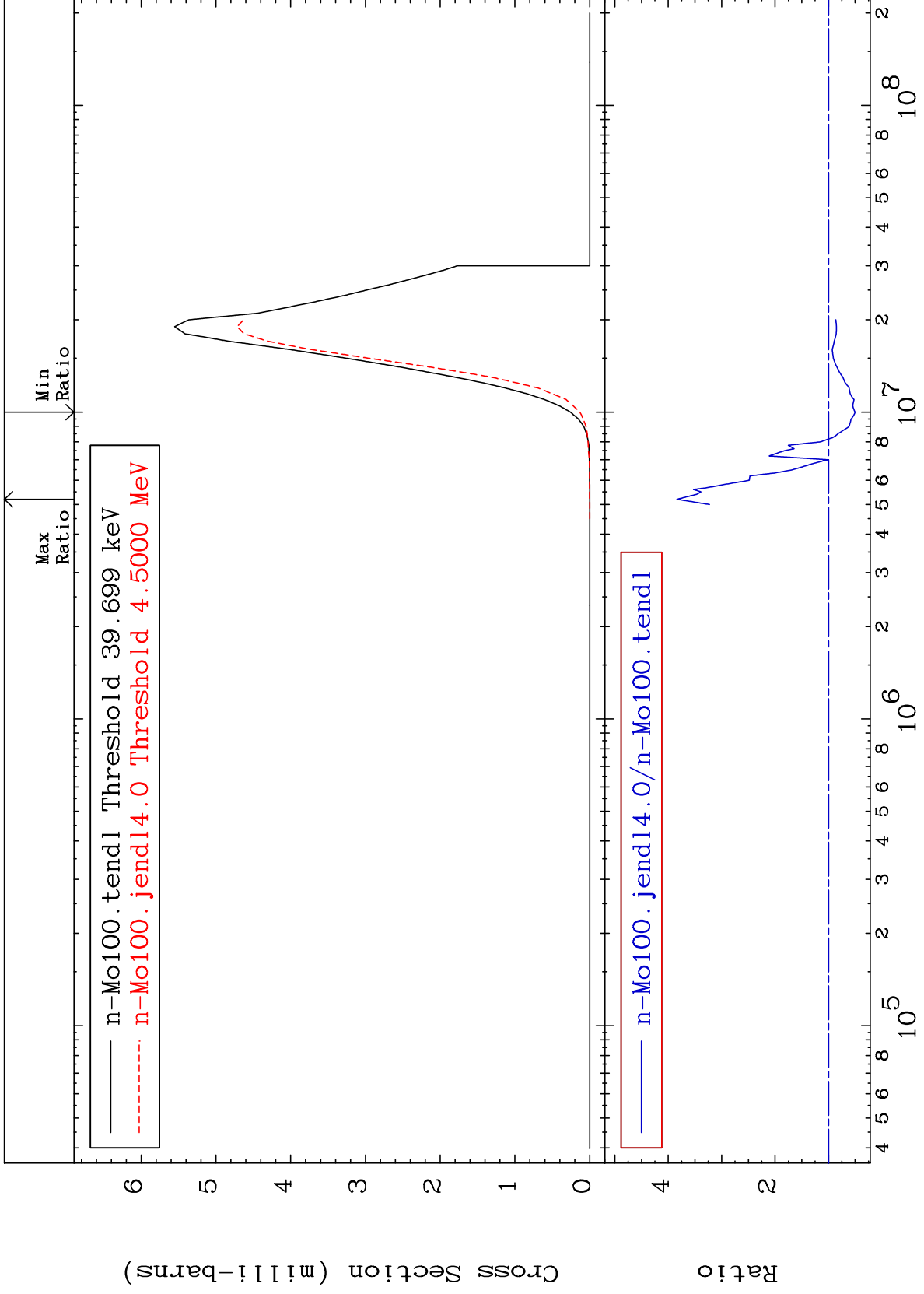
42

Incident Energy (eV)

42-Mo-100

MAT 4249

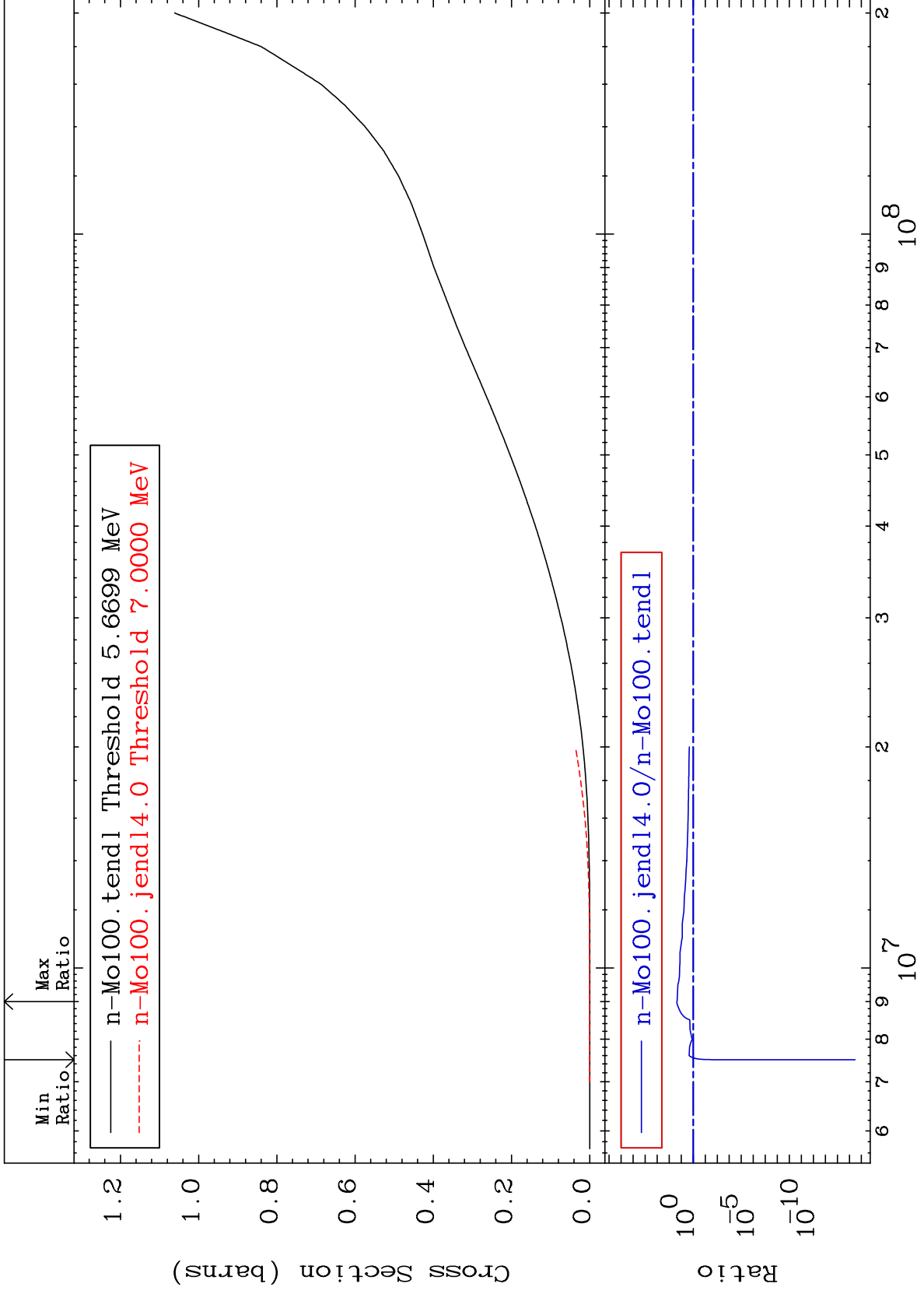
(n, α)
Cross Section
42-Mo-100
-49.88 To 283.8 %



43

Incident Energy (eV)

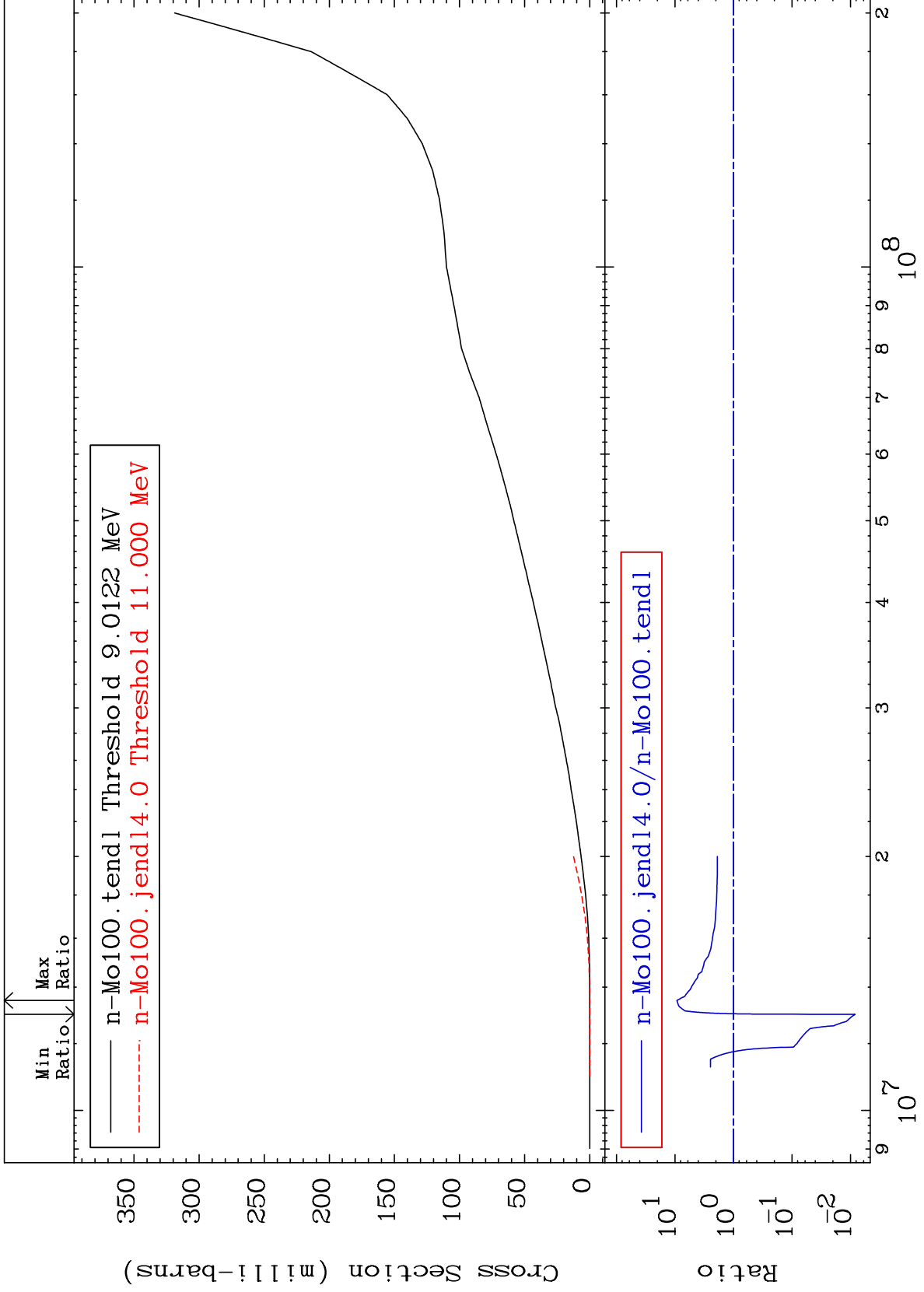
42-Mo-100



MAT 4249

Deuterium Production
Cross Section

42-Mo-100
-99.16 To 826.3 %



45

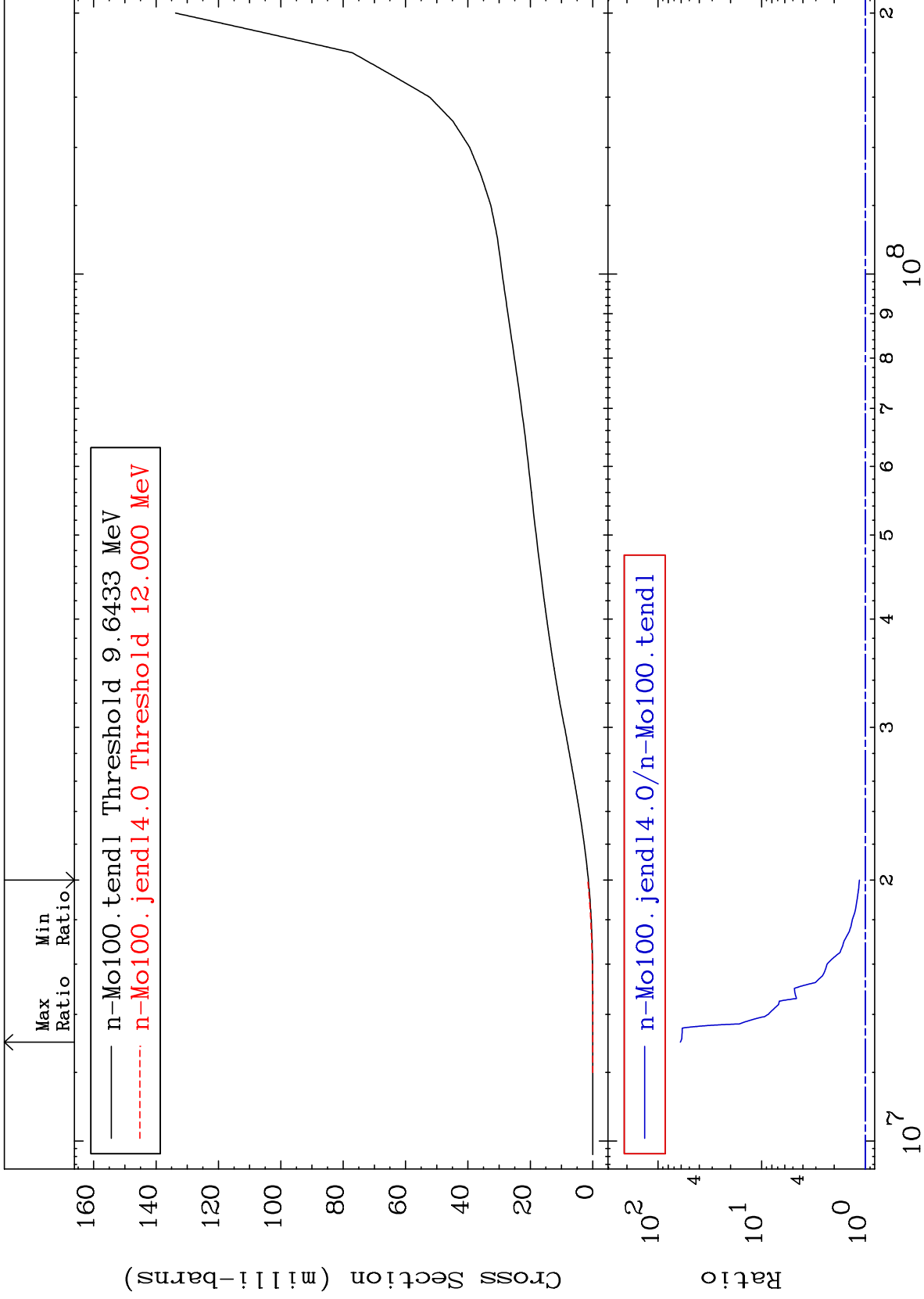
Incident Energy (eV)

42-Mo-100

MAT 4249

Tritium Production
Cross Section

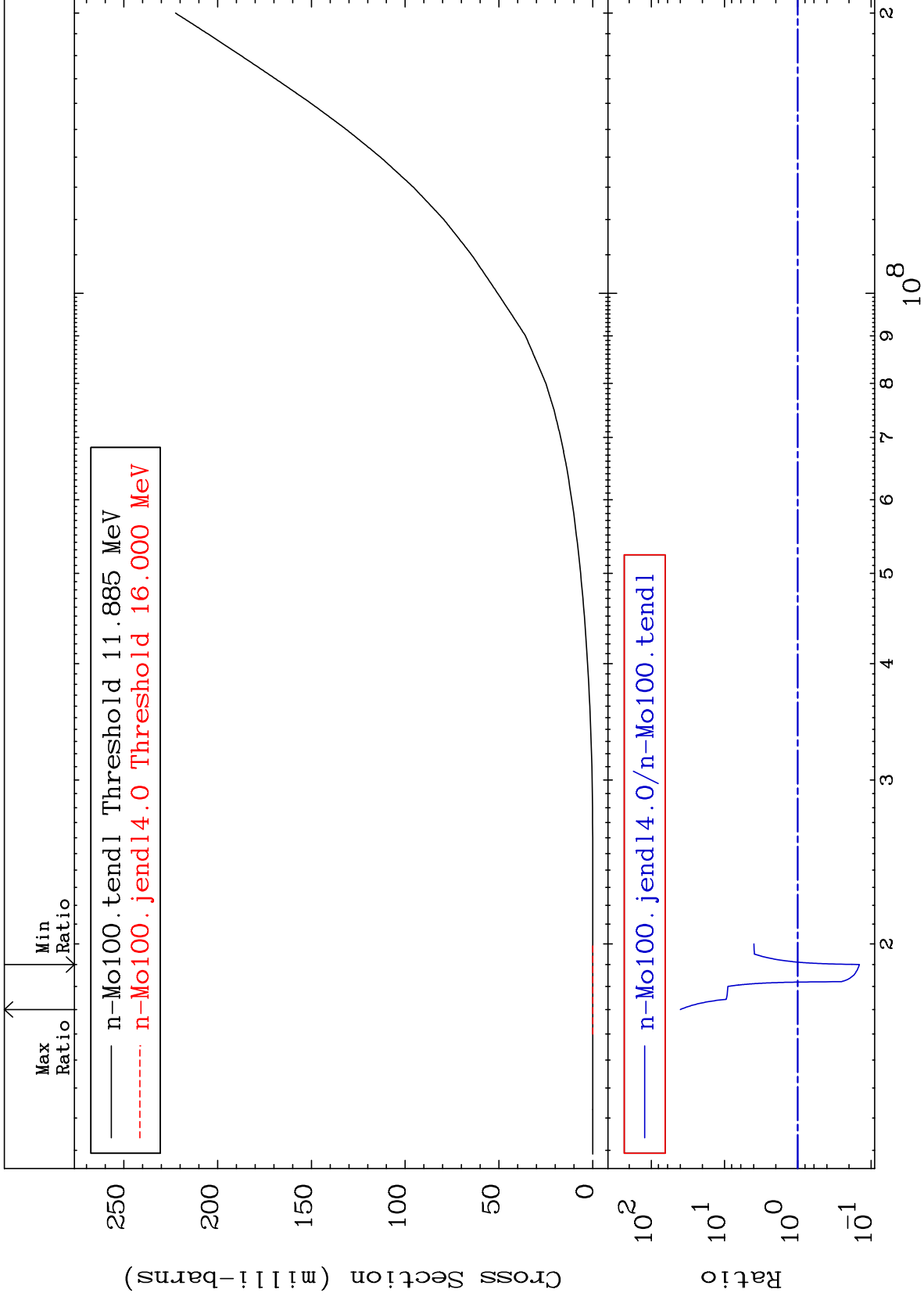
42-Mo-100
14.04 To 5997. %



Incident Energy (eV)

42-Mo-100

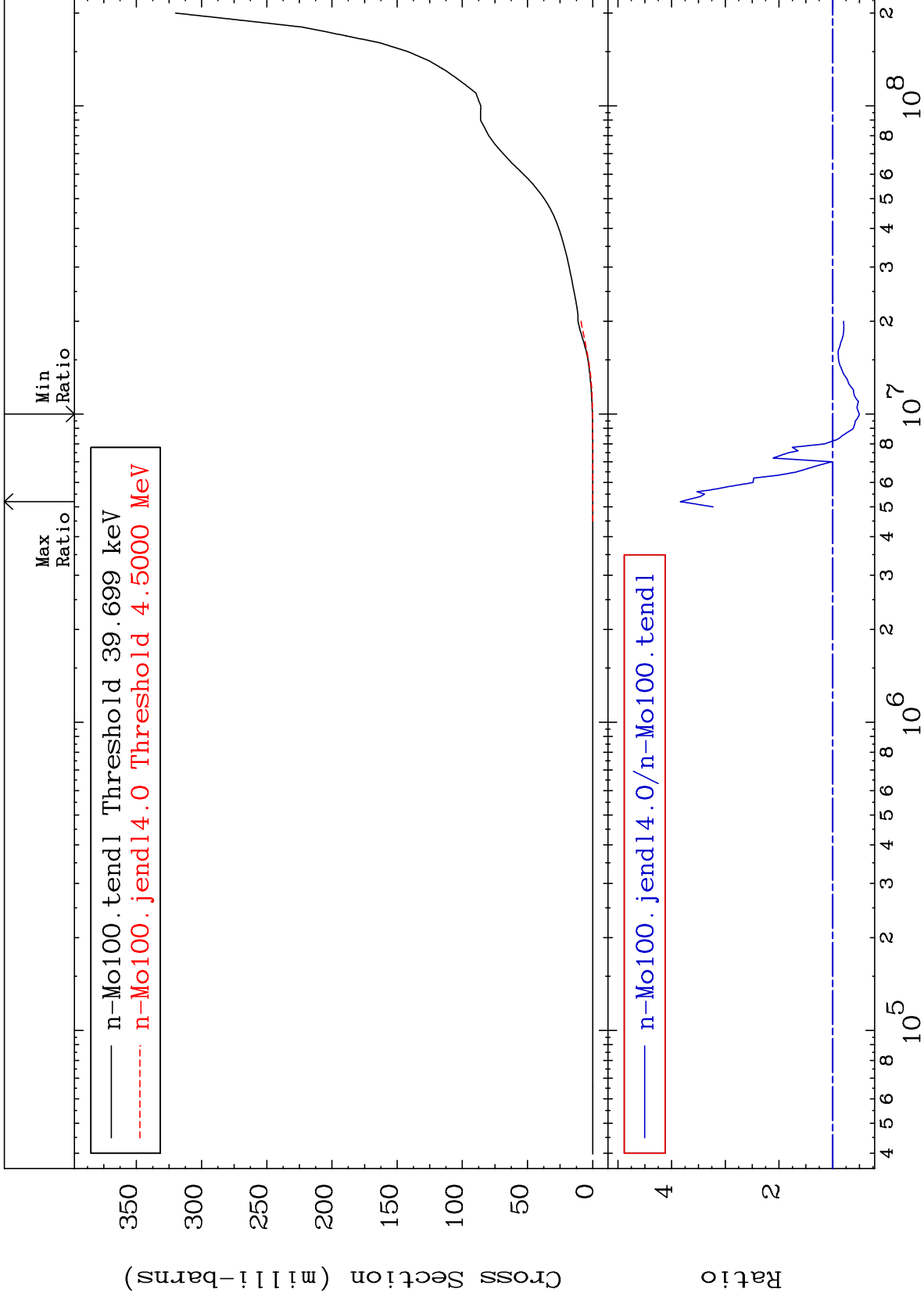
46



MAT 4249

He-4 Production
Cross Section

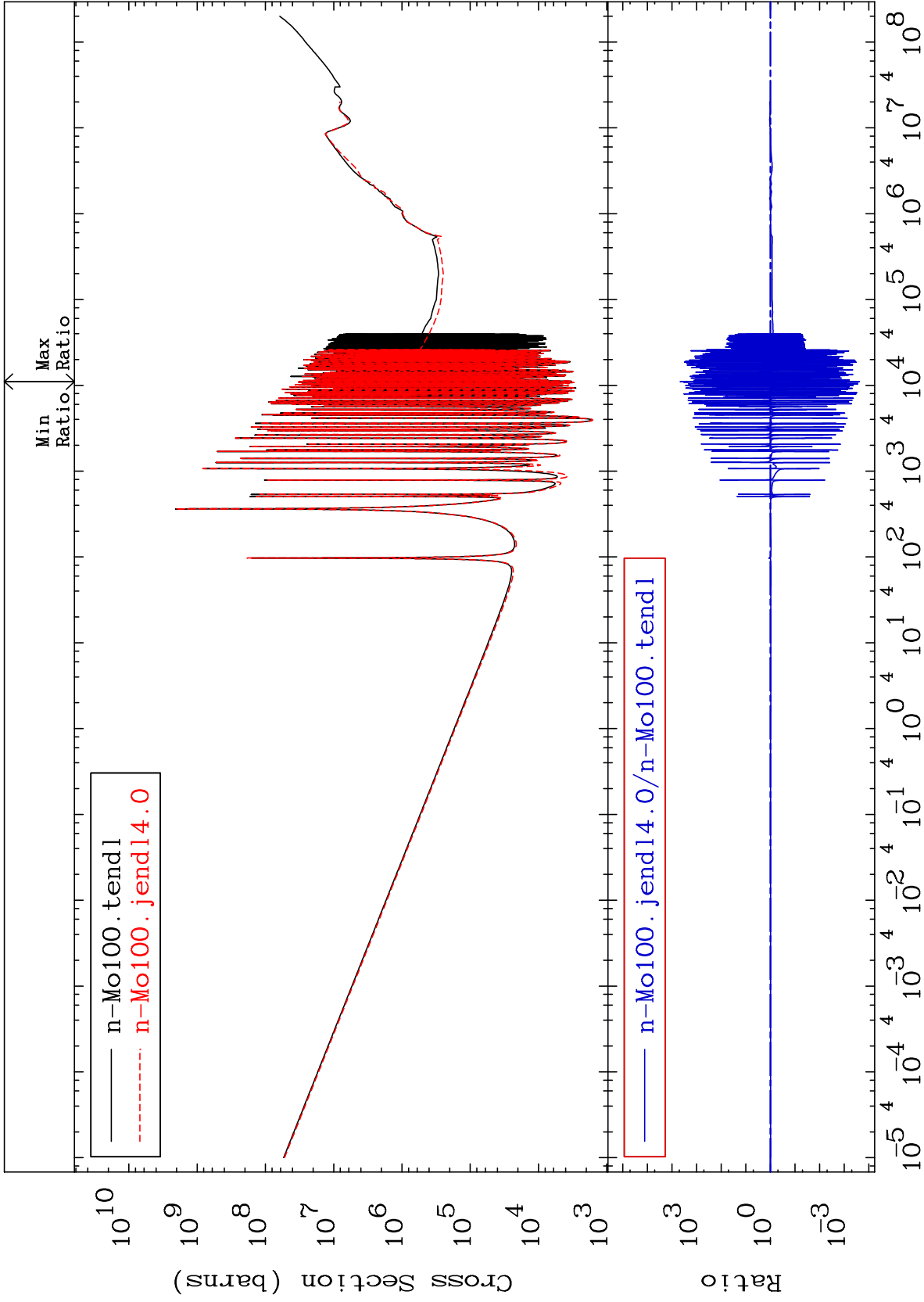
42-Mo-100
-49.89 To 283.8 %



48

Incident Energy (eV)

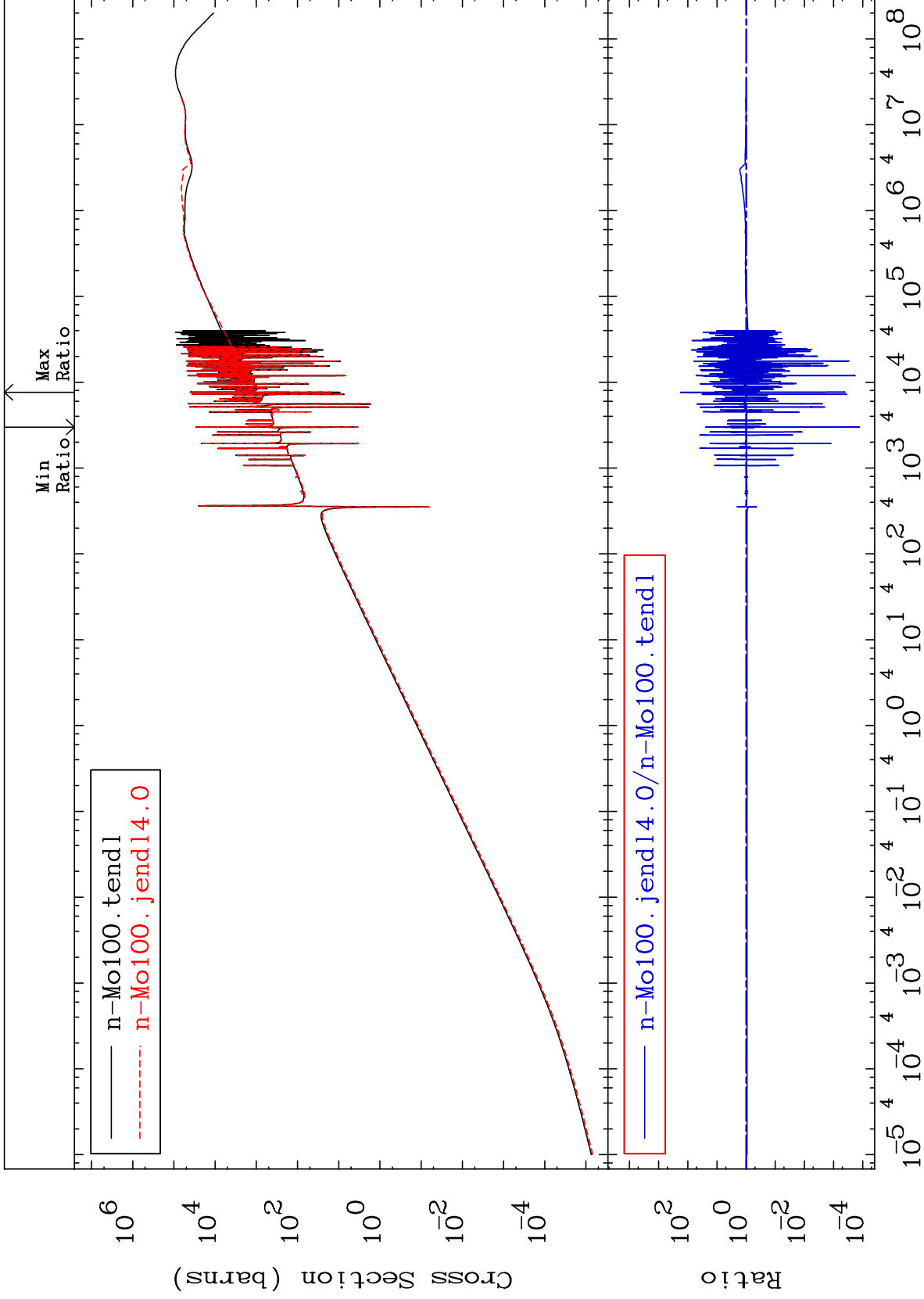
42-Mo-100



MAT 4249

Kerma elastic
Cross Section

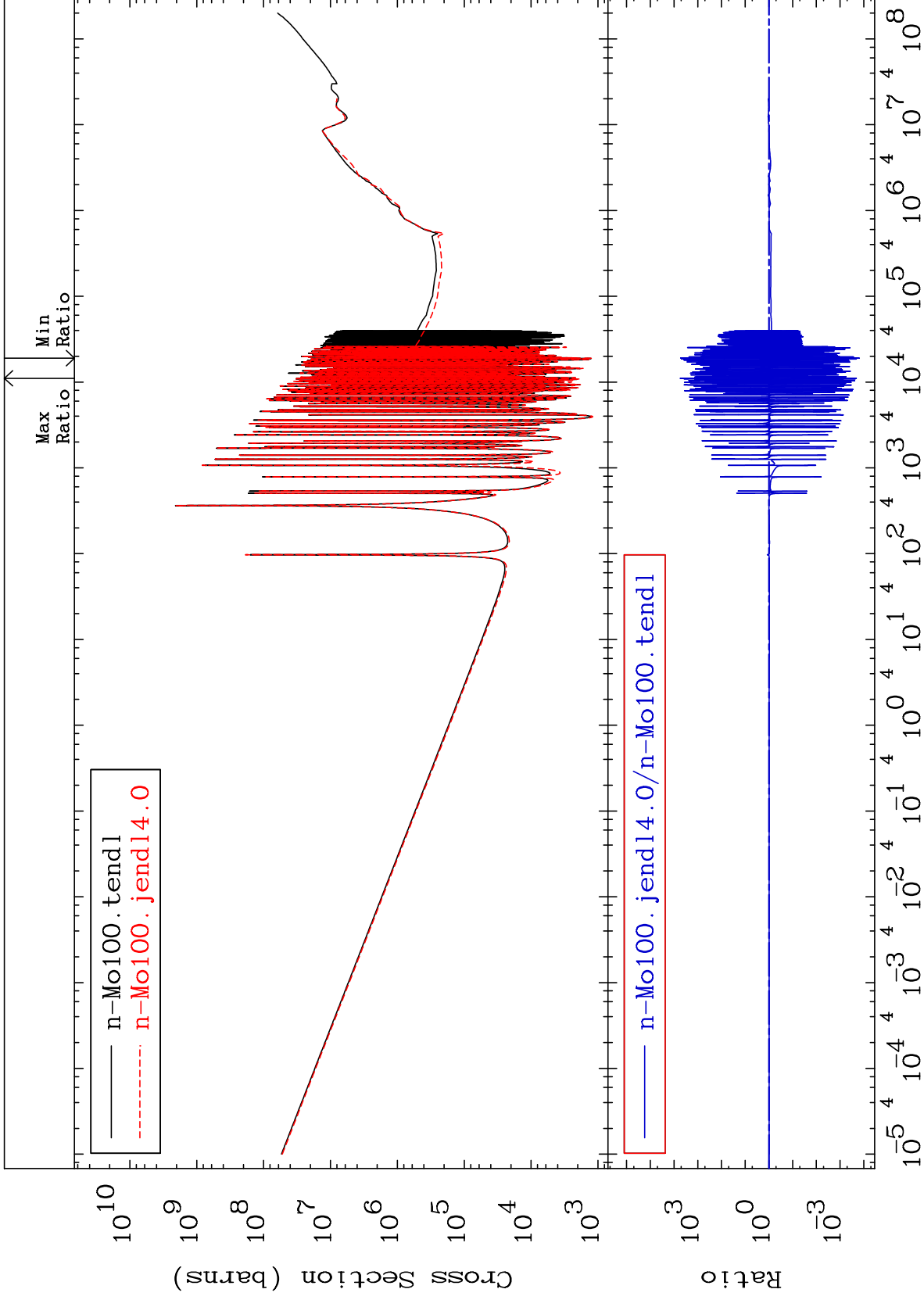
42-Mo-100
-99.99 To 9999. %

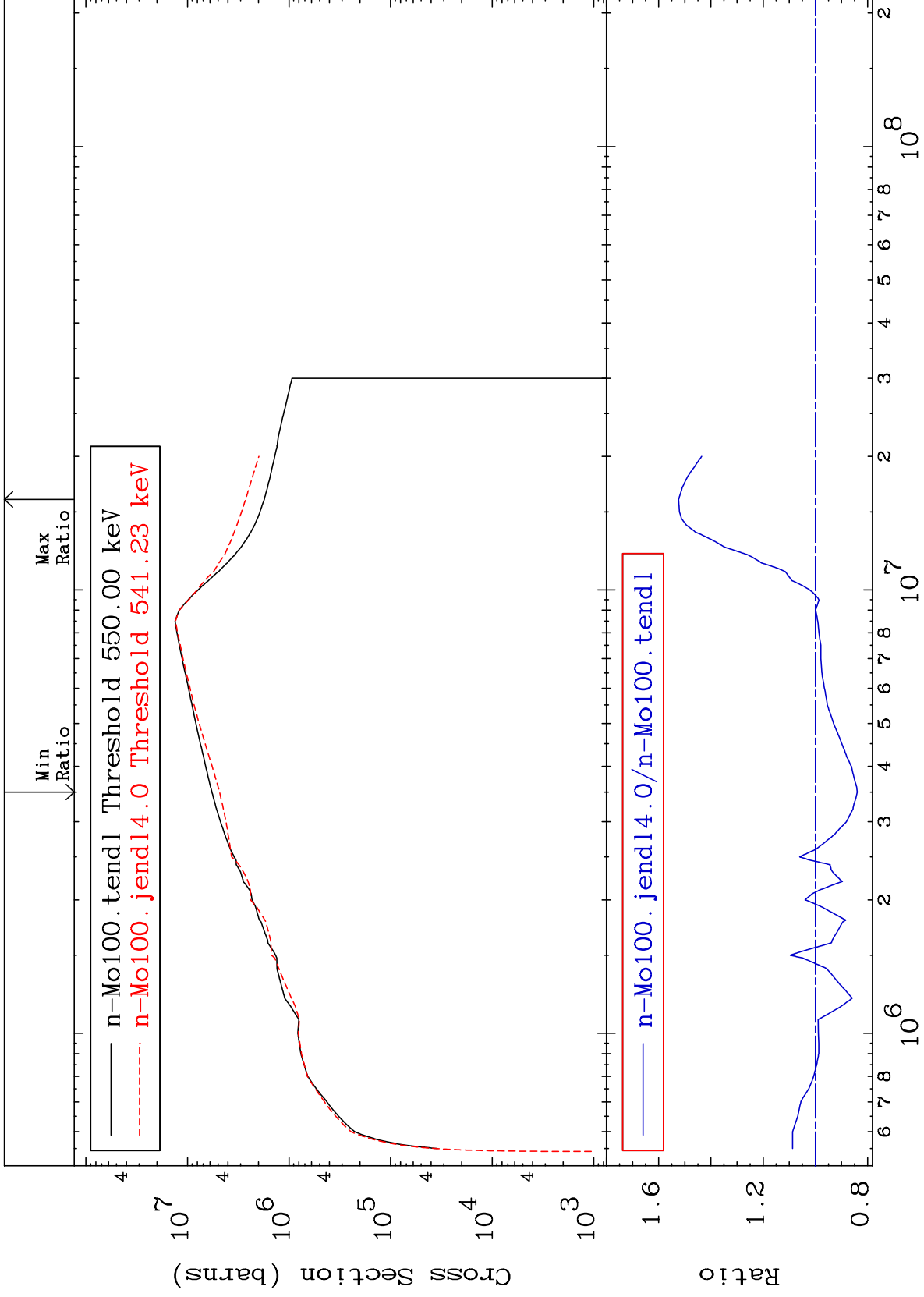


50

Incident Energy (eV)

42-Mo-100

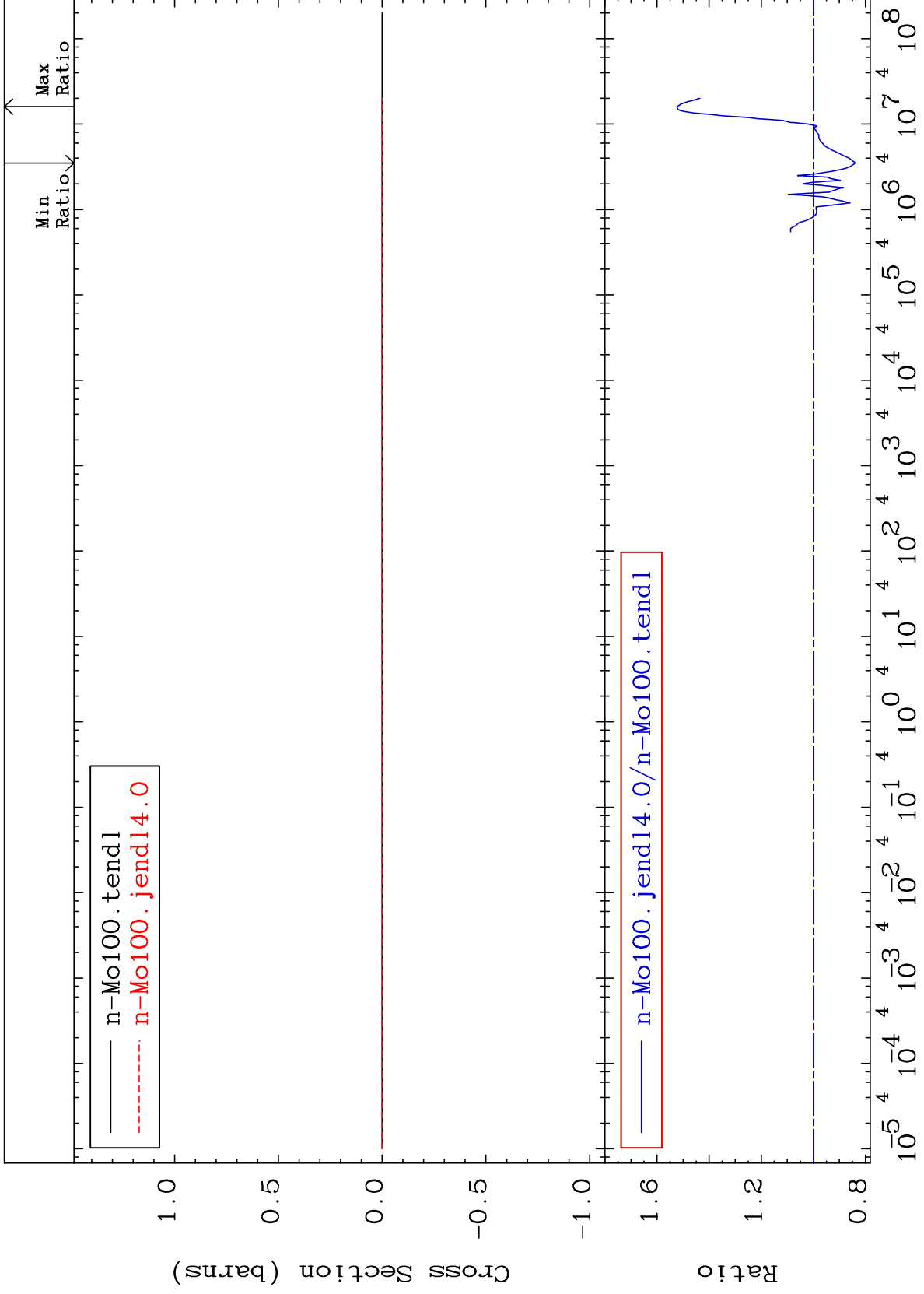


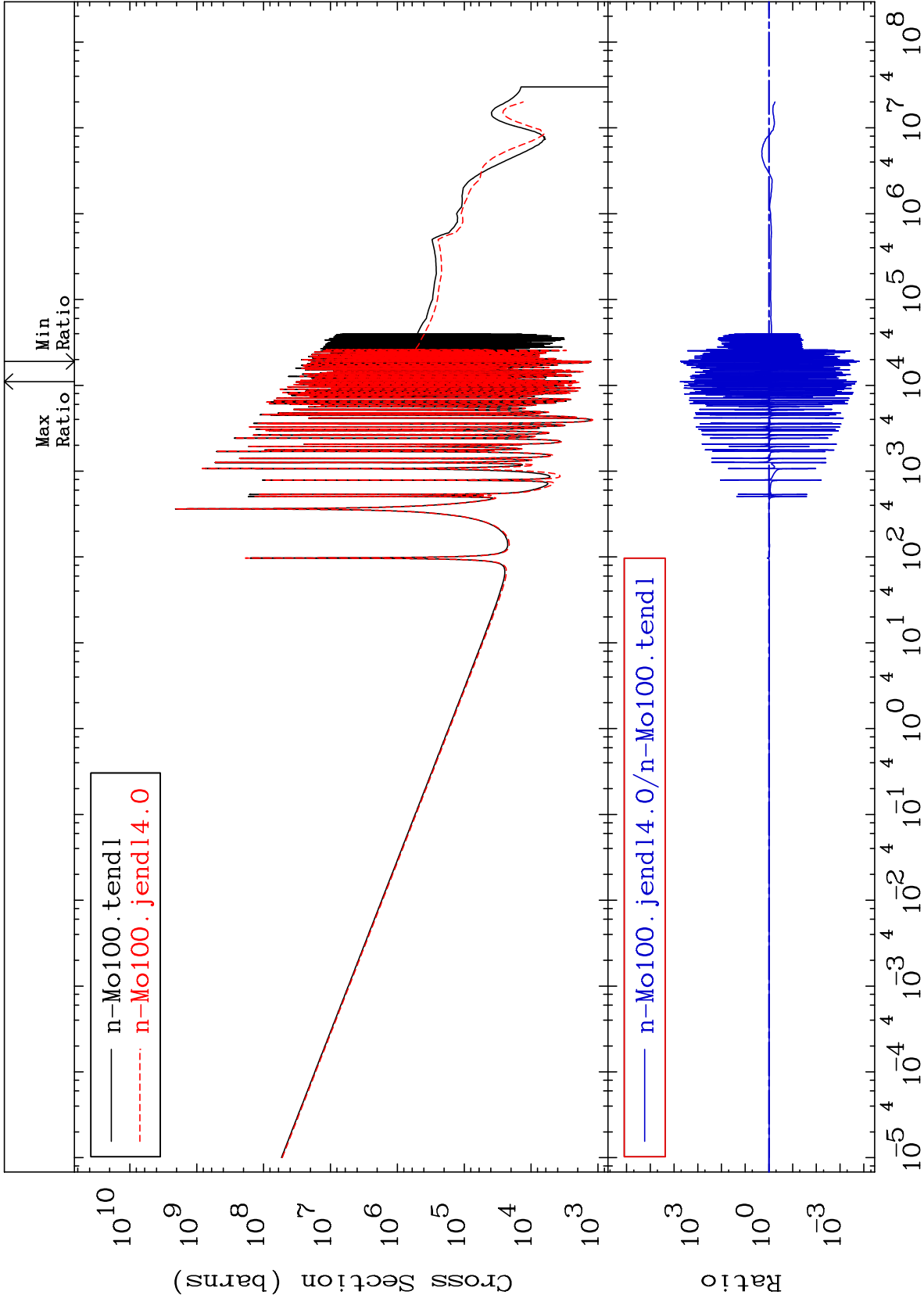


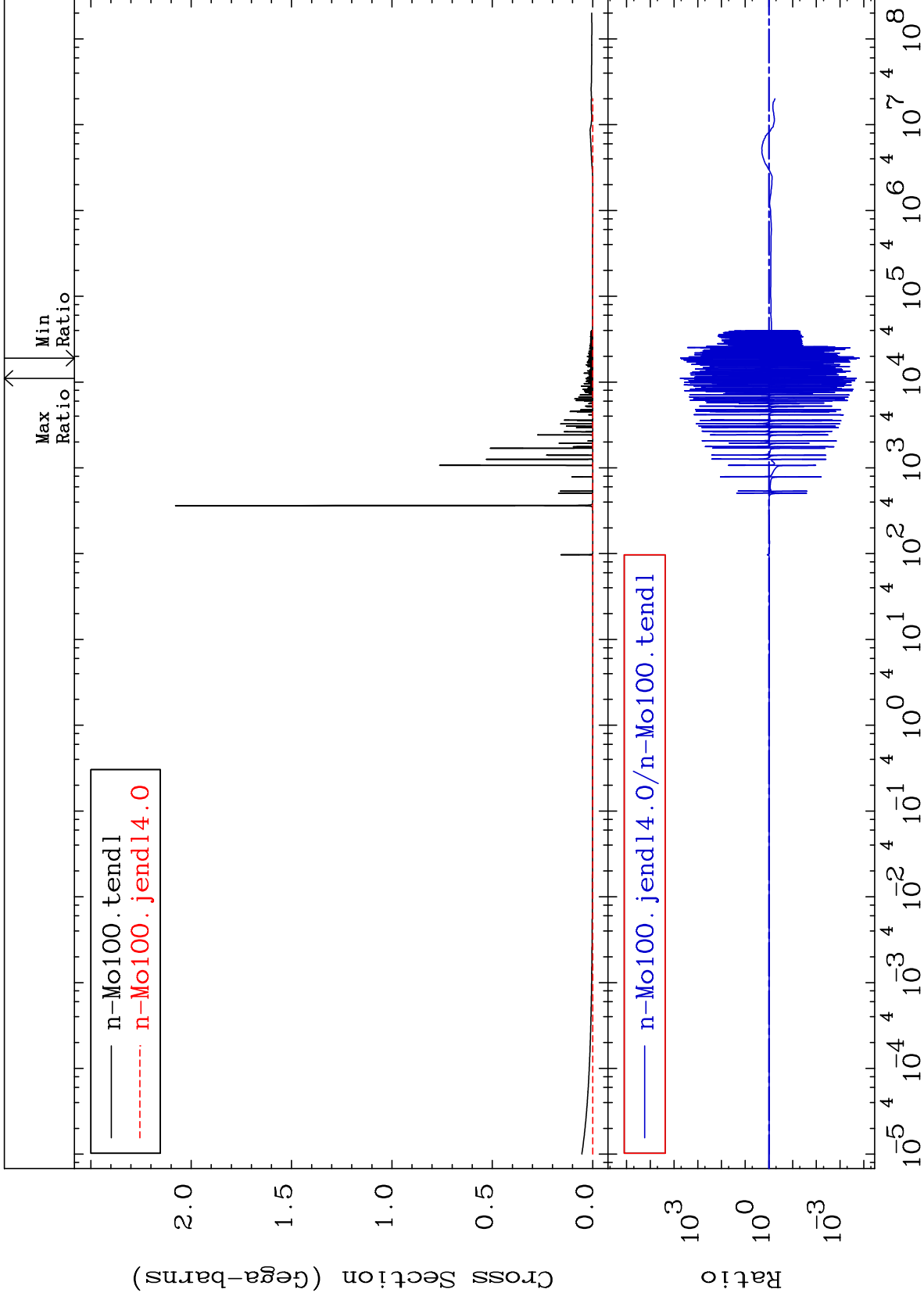
MAT 4249

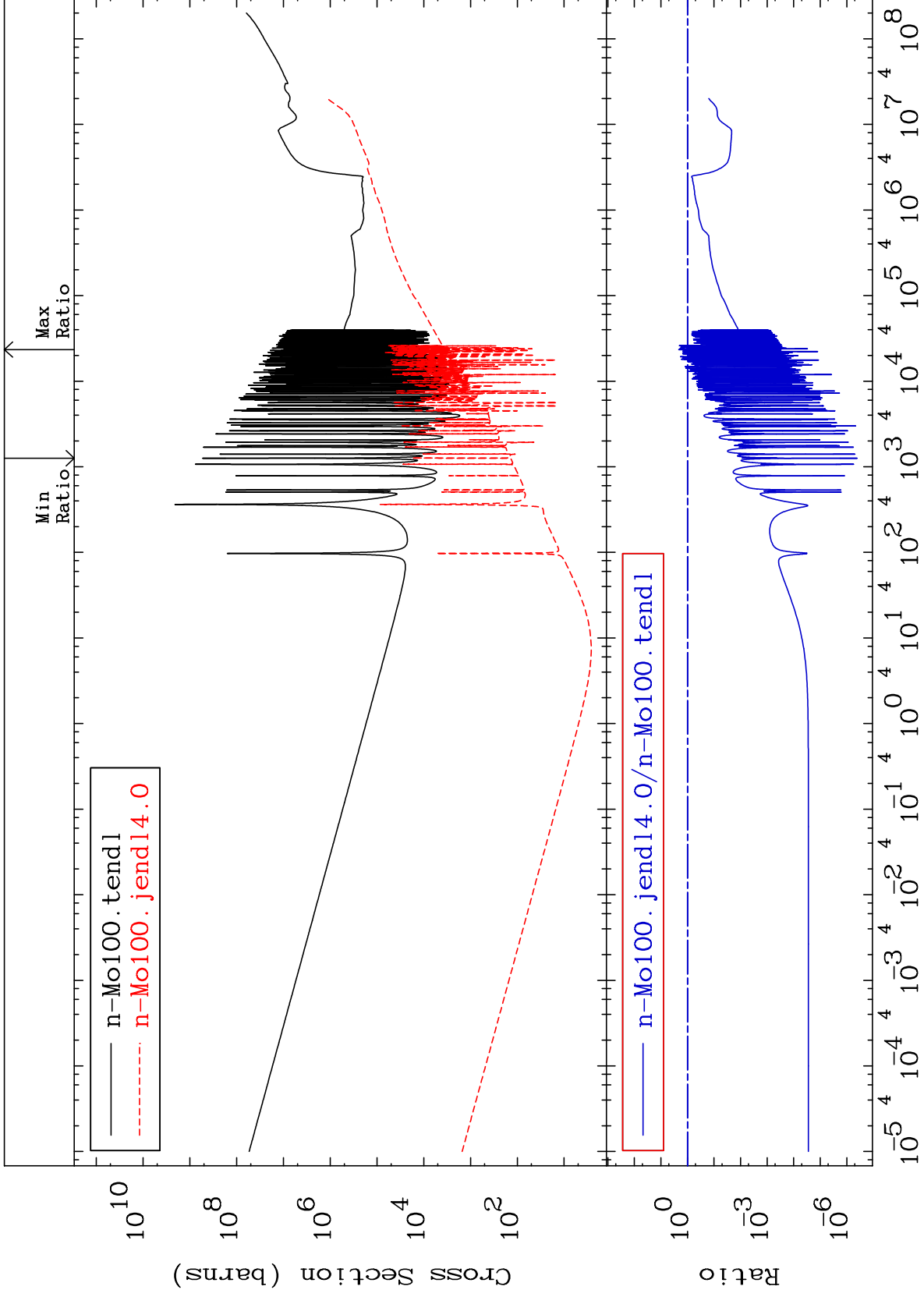
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

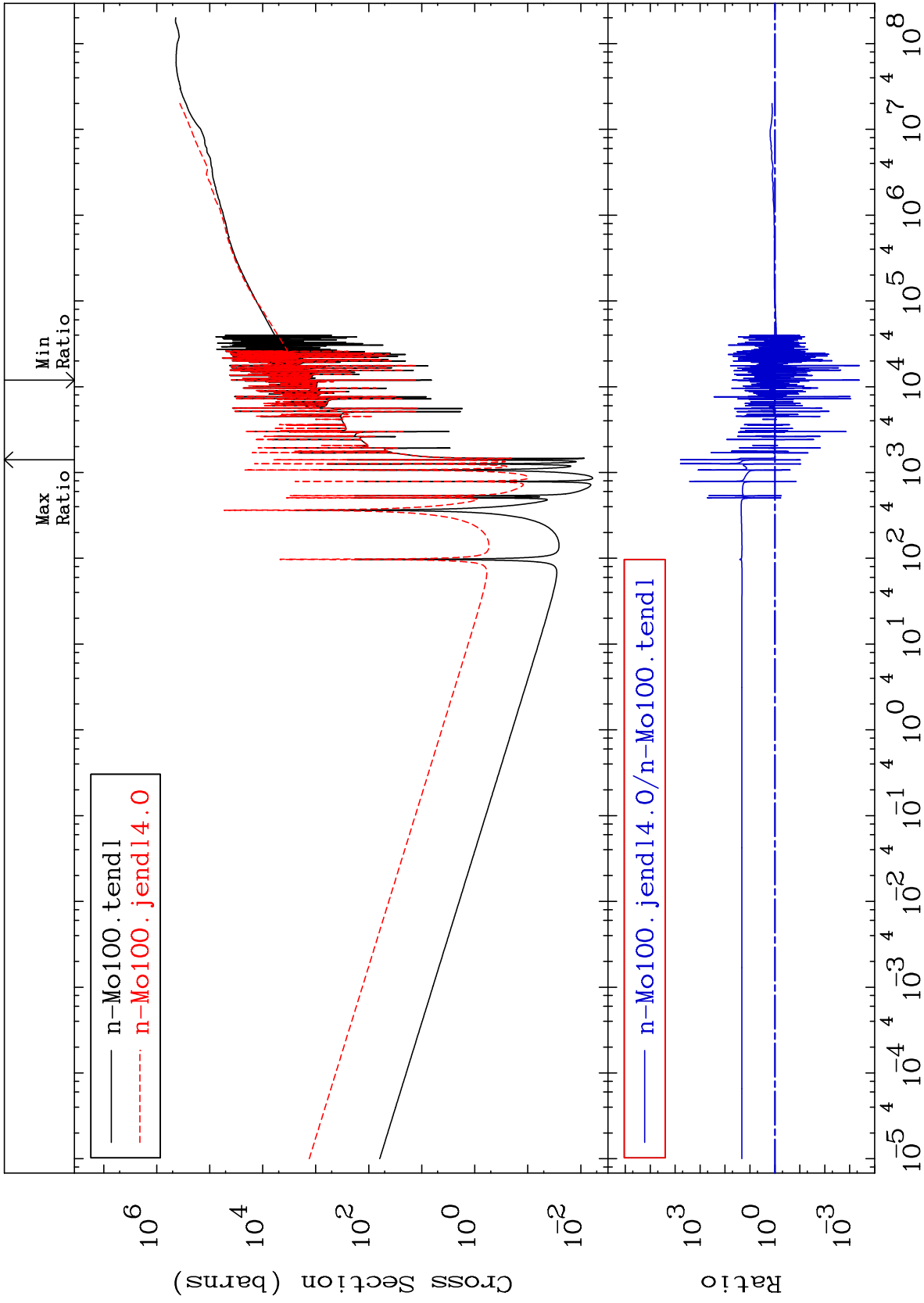
42-Mo-100
-16.02 To 52.35 %

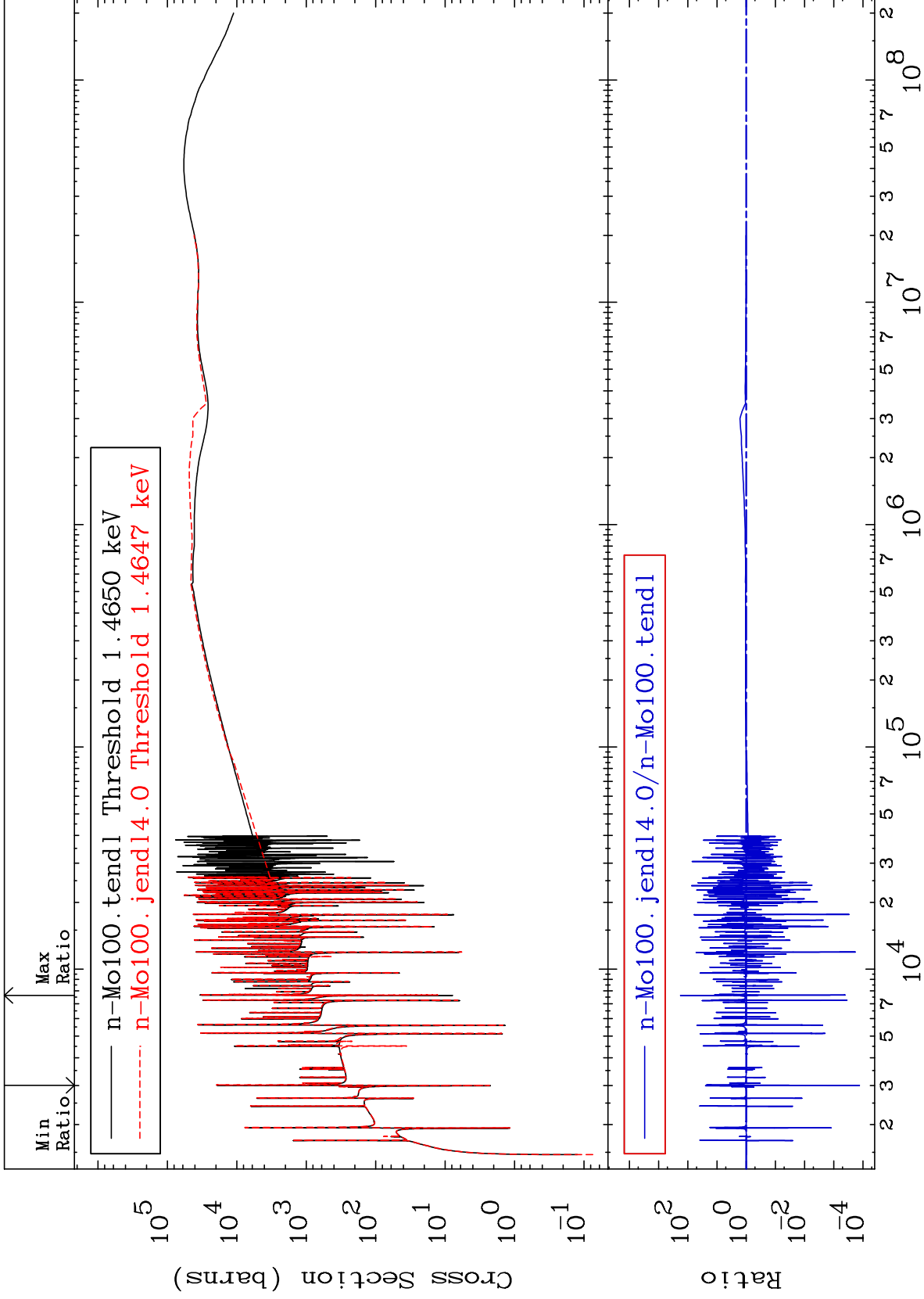












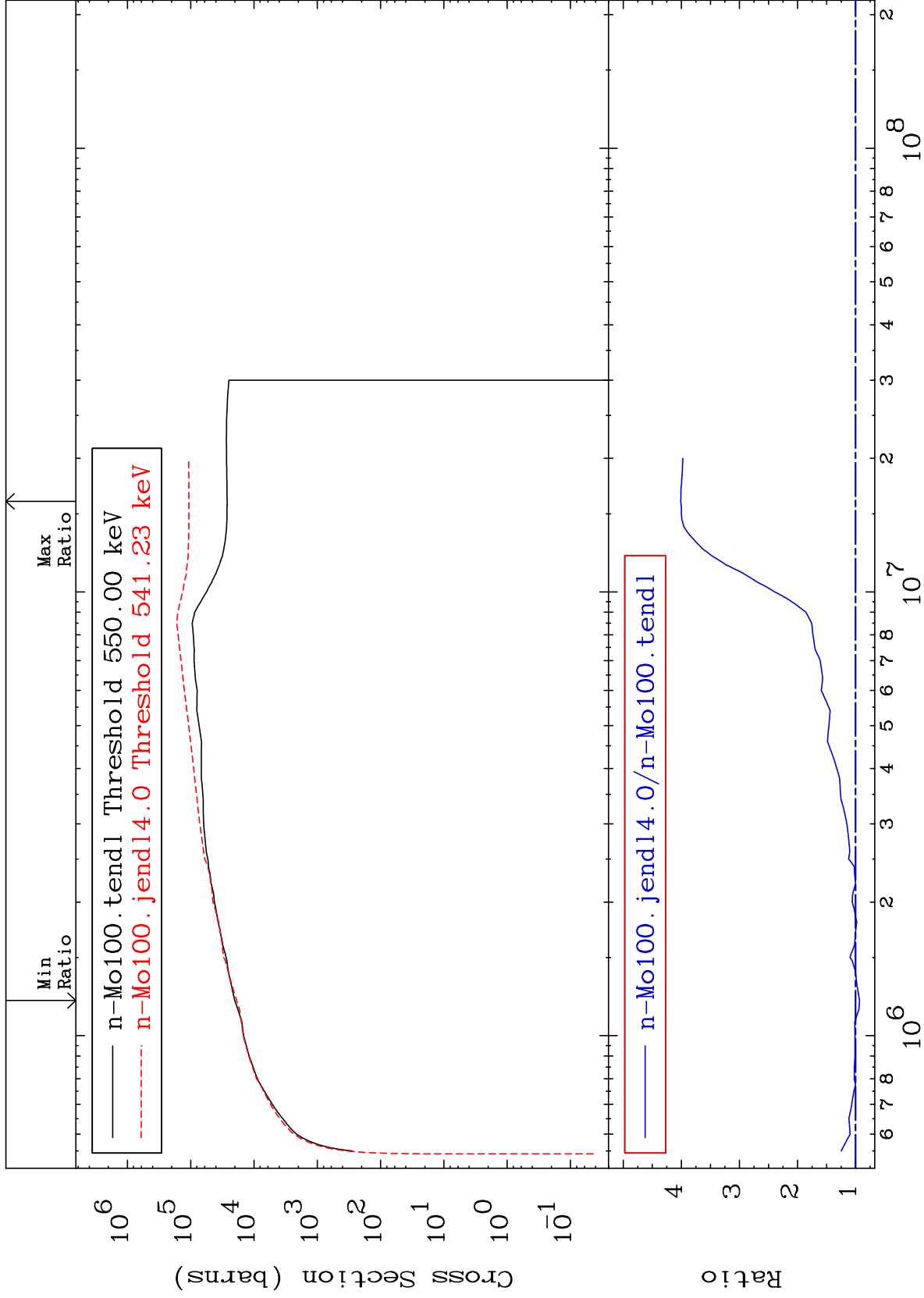
MAT 4249

Dpa inelastic (mt51-91)

42-Mo-100

Cross Section

-6.680 To 301.0 %

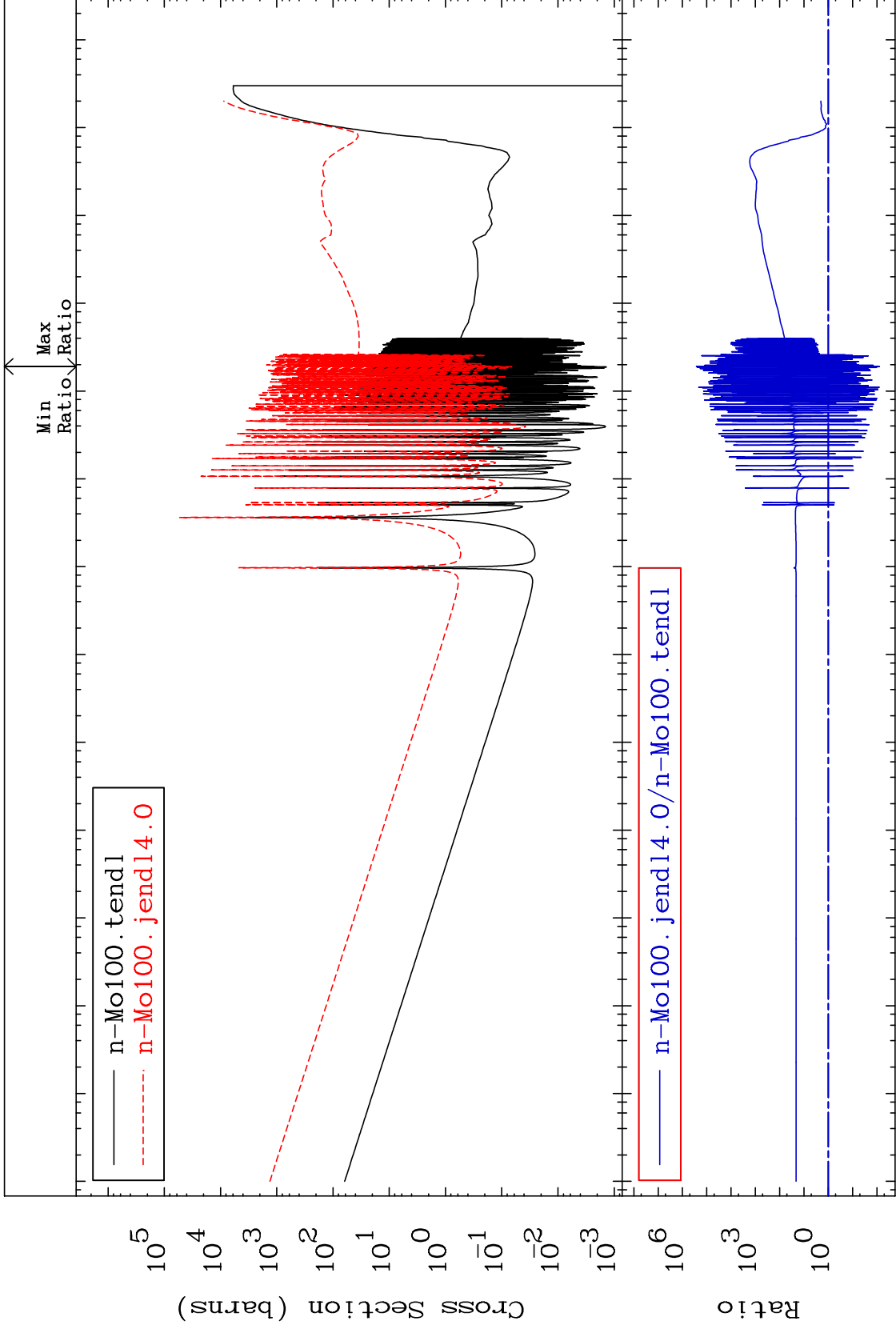


59

MAT 4249

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-100
-99.22 To 9999. %



60

Incident Energy (eV)

42-Mo-100