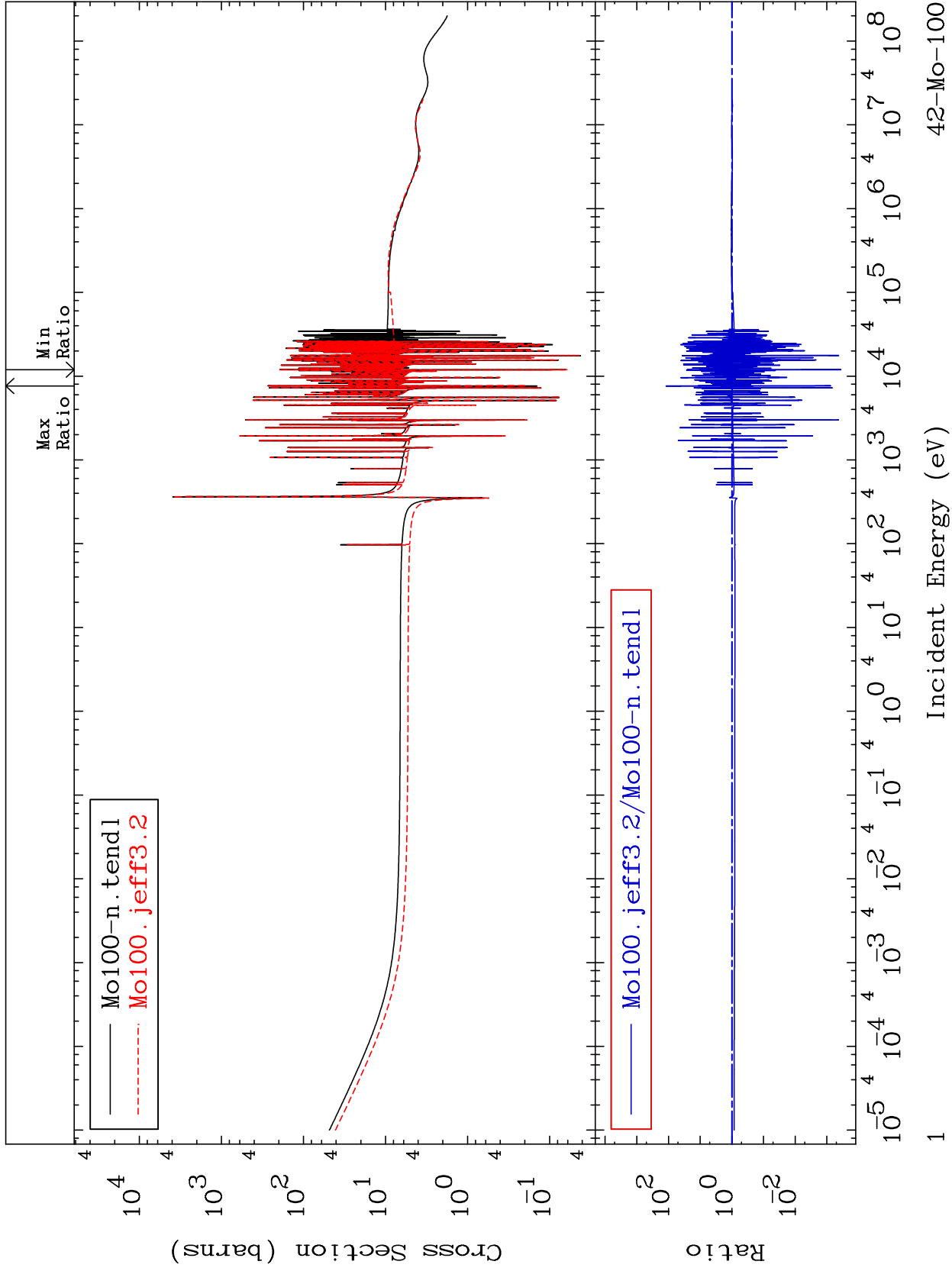


MAT 4249

Total
Cross Section

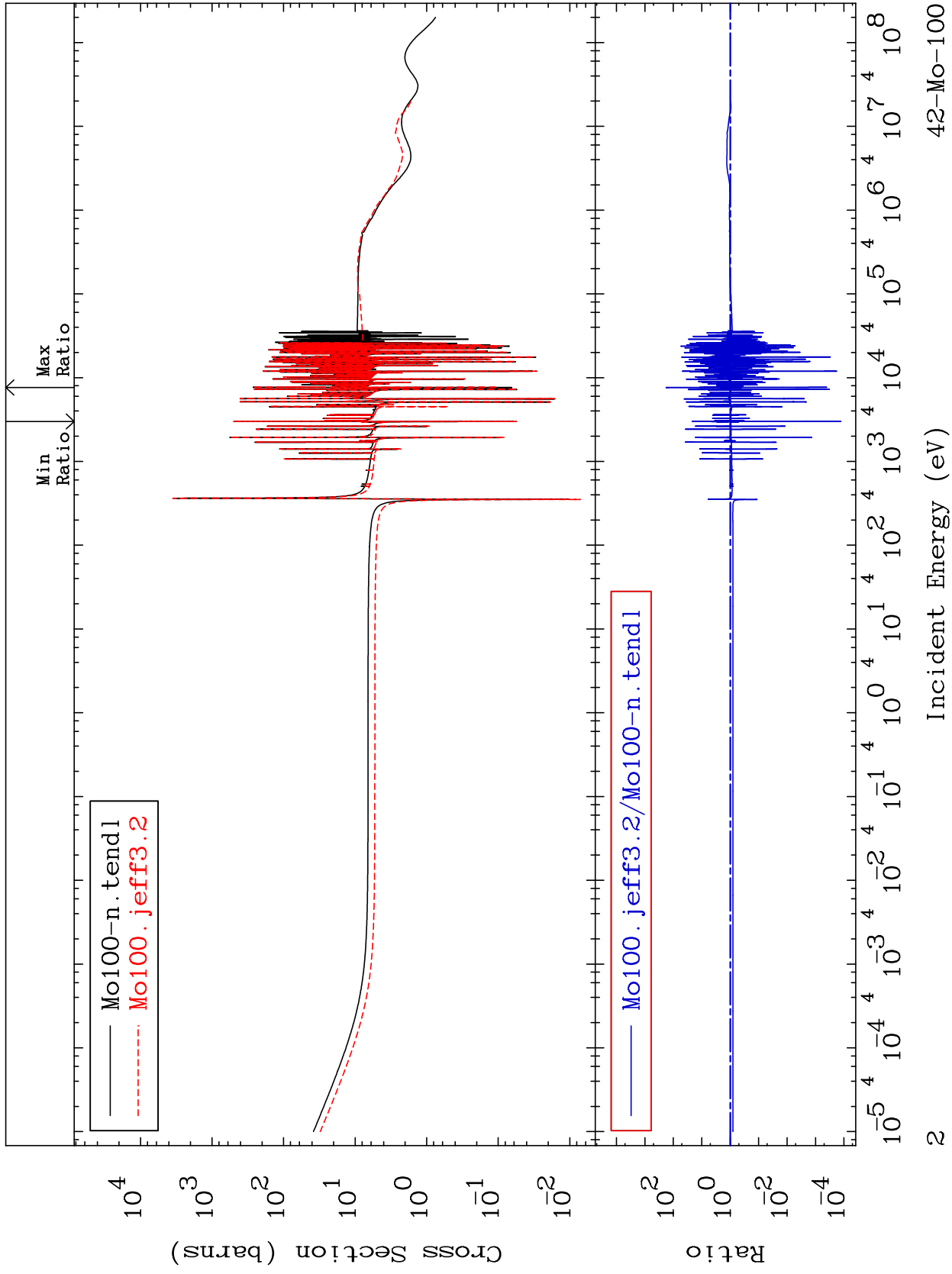
42-Mo-100
-99.96 To 9999. %



MAT 4249

Elastic
Cross Section

42-Mo-100
-99.99 To 9999. %



2

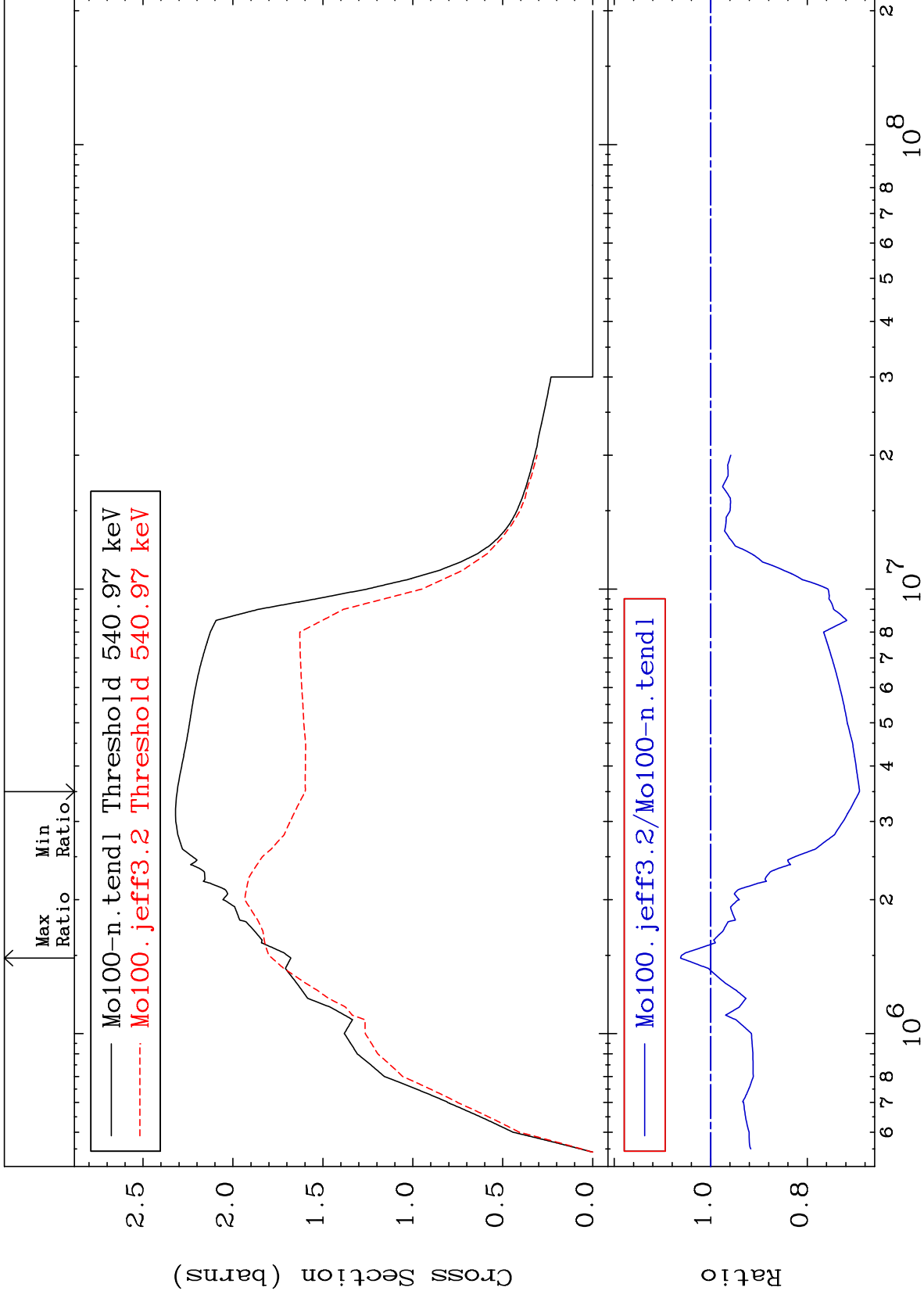
Incident Energy (eV)

42-Mo-100

MAT 4249

Inelastic
Cross Section

42-Mo-100
-30.81 To 6.296 %



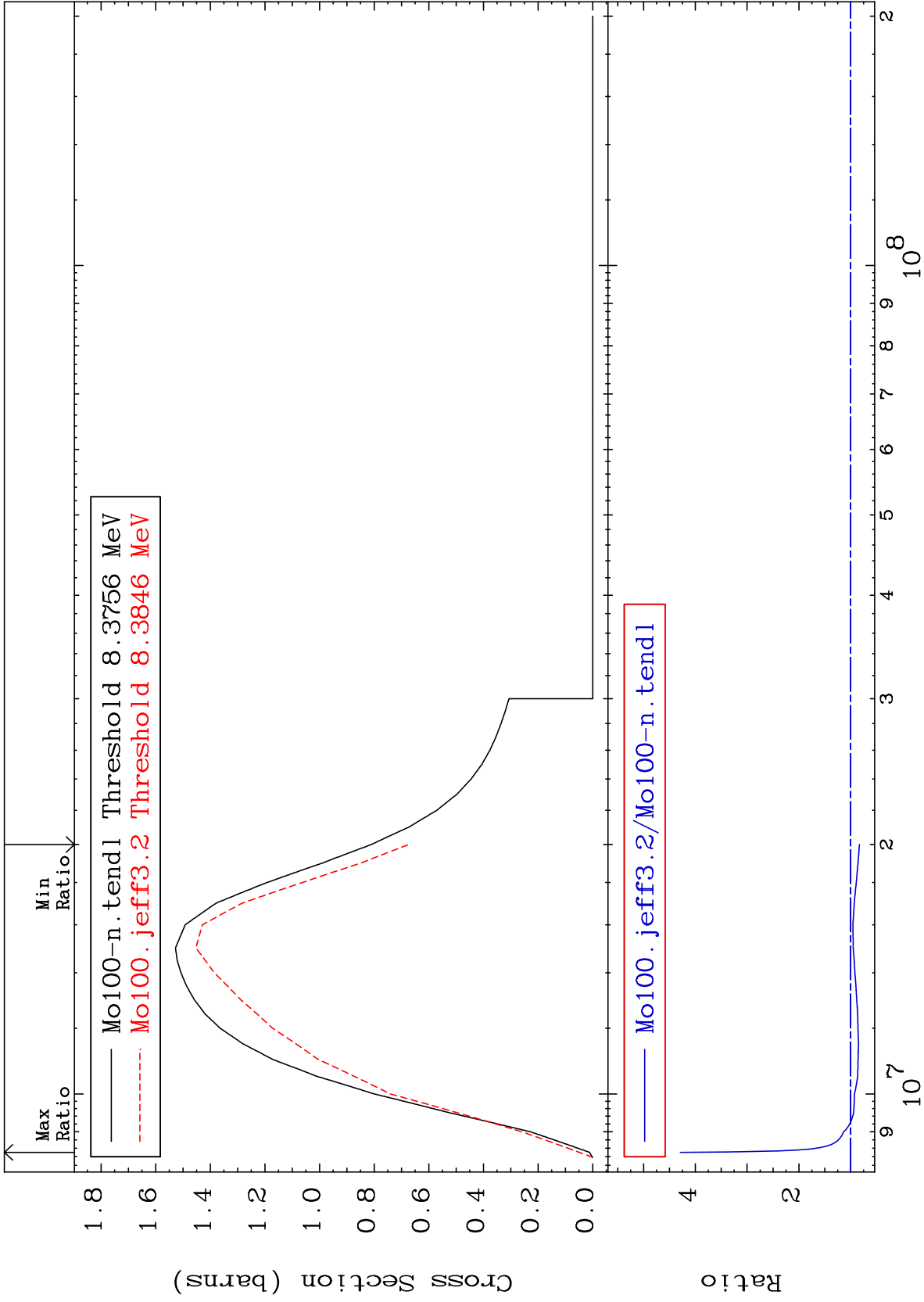
MAT 4249

(n,2n)

42-Mo-100

Cross Section

-16.86 To 329.0 %



MAT 4249

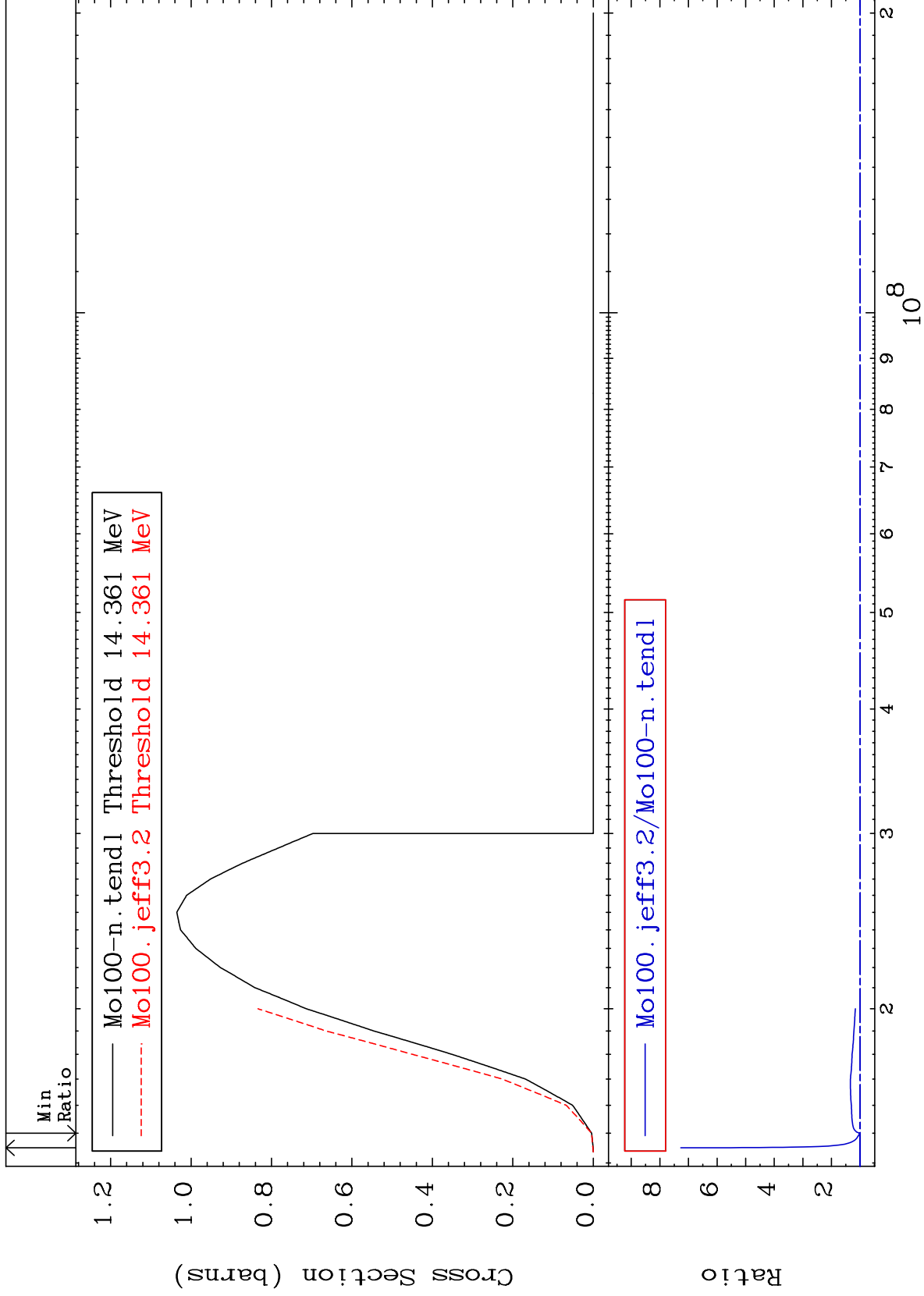
(n,3n)

42-Mo-100

Cross Section

2.009

To 626.9 %



5

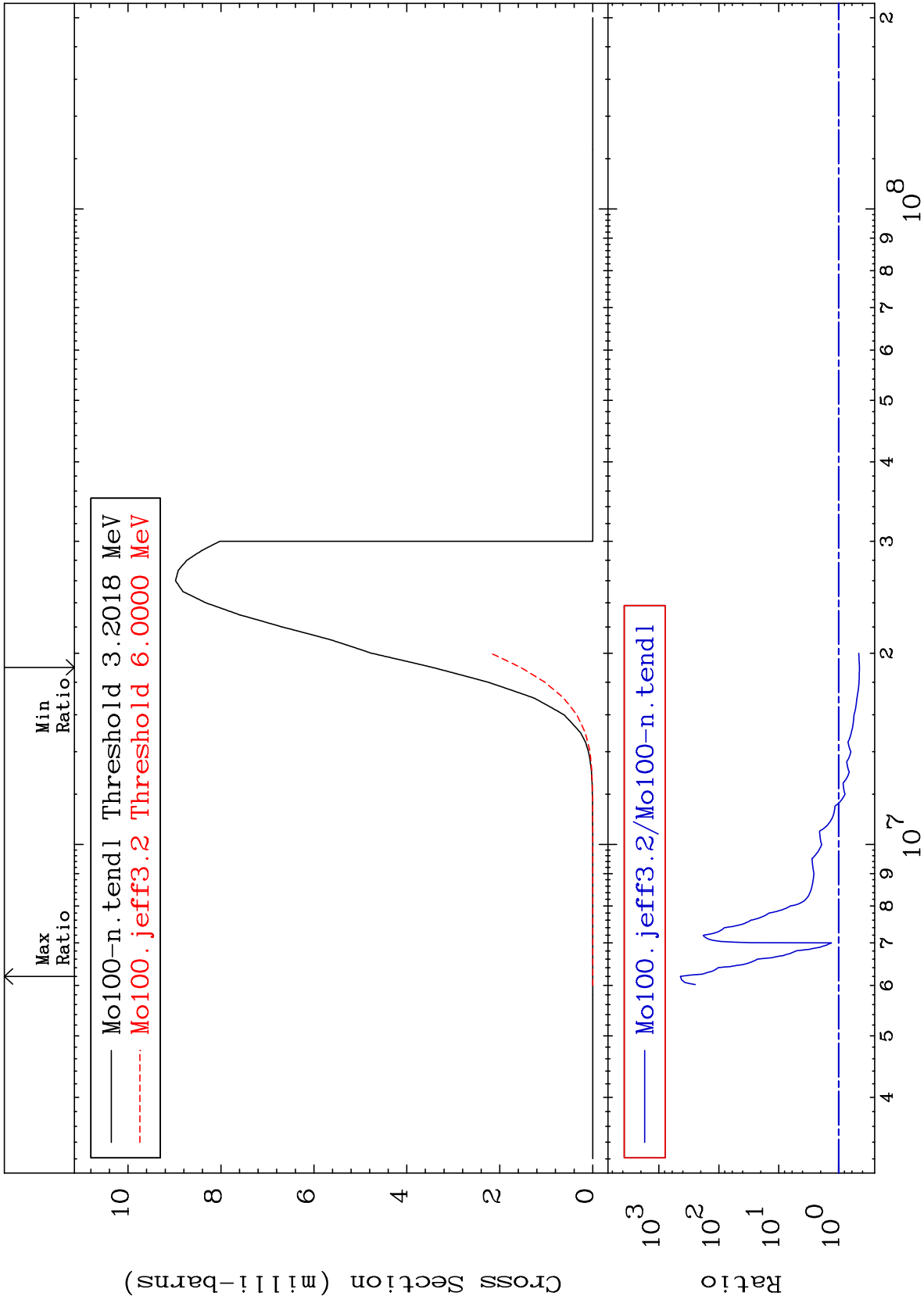
Incident Energy (eV)

42-Mo-100

MAT 4249

(n, n') α
Cross Section

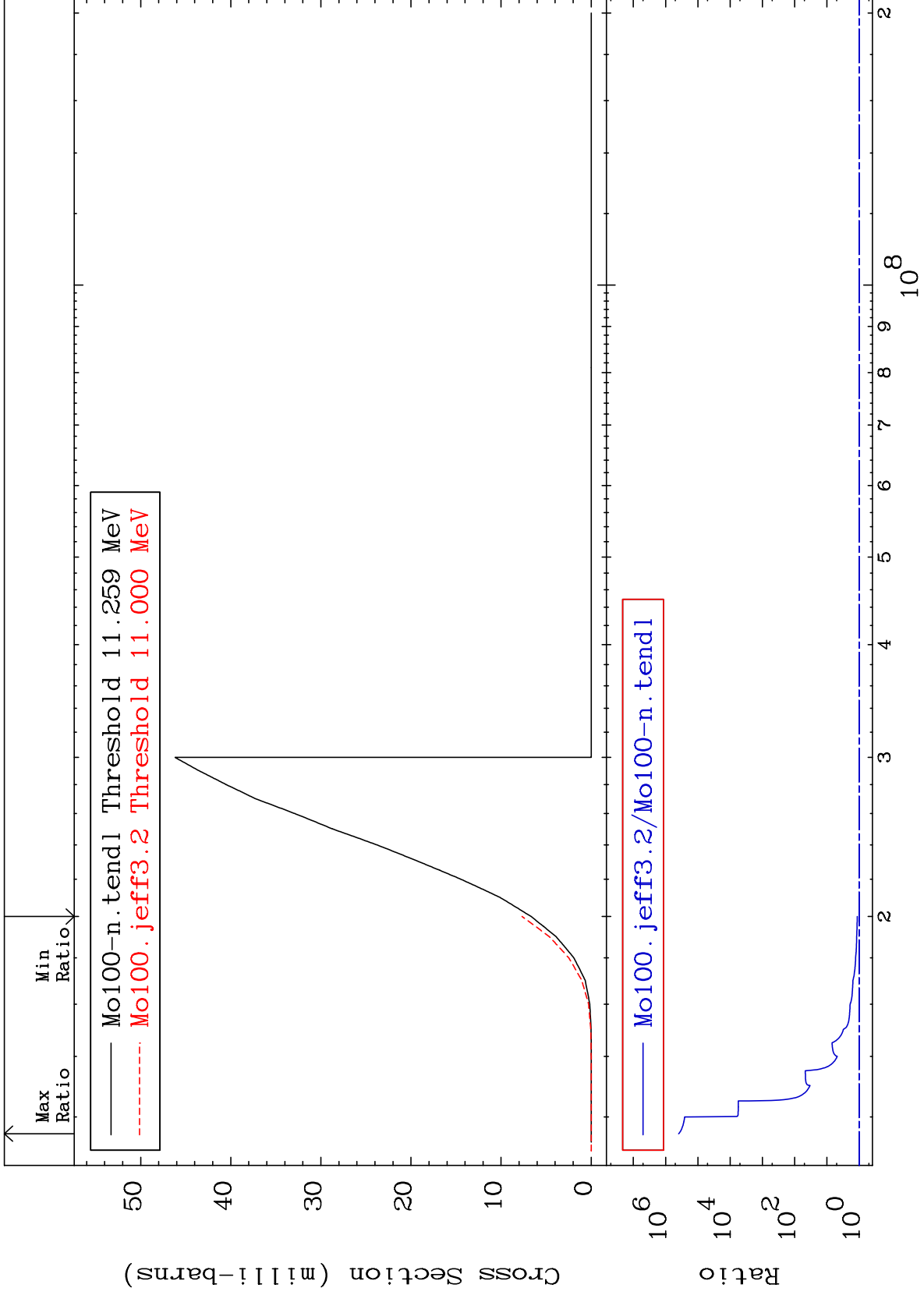
42-Mo-100
-54.99 To 9999. %



MAT 4249

(n,n') p
Cross Section

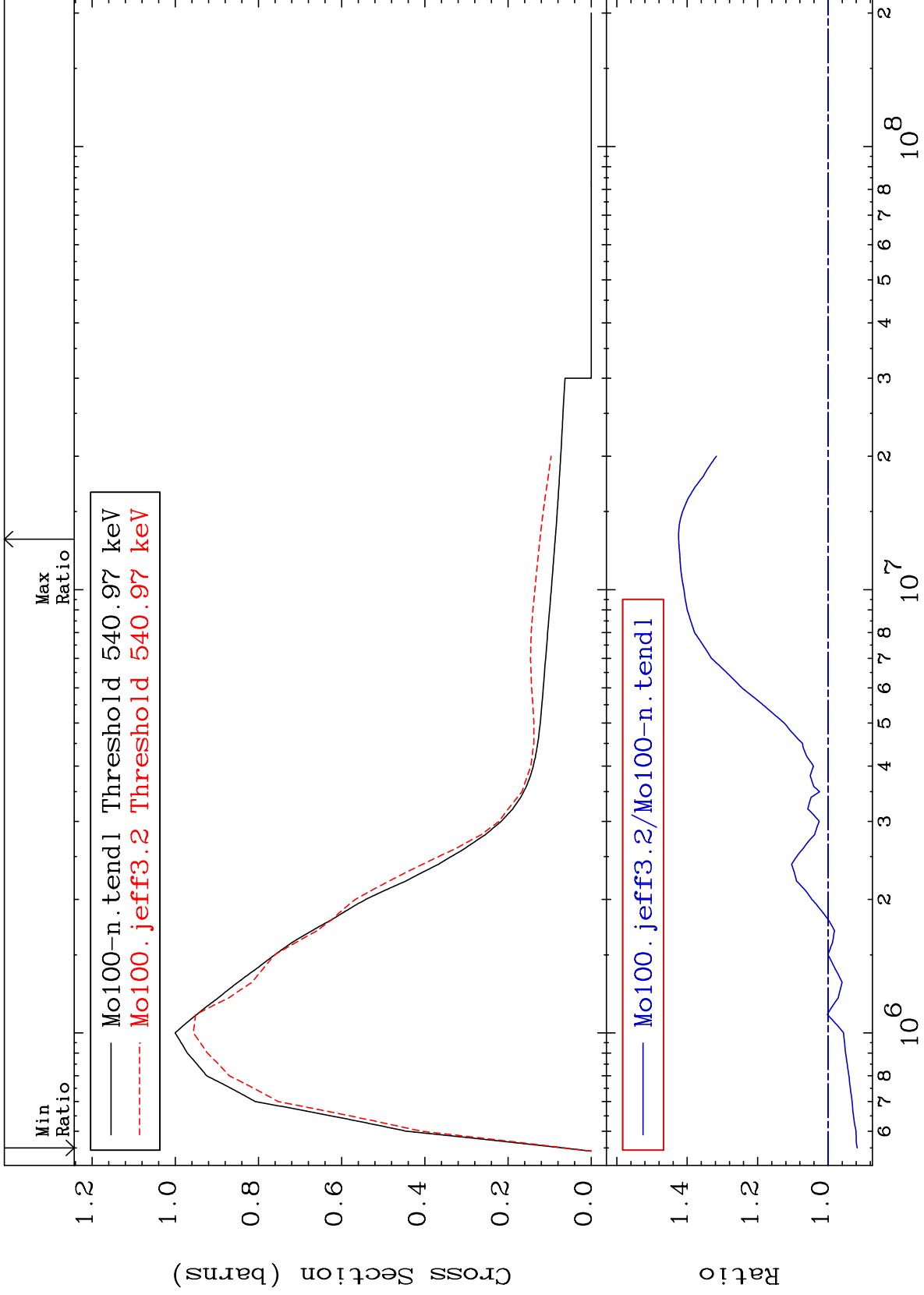
42-Mo-100
15.08 To 9999. %



MAT 4249

535.6 keV (n,n') Level
Cross Section

42-Mo-100
-8.283 To 42.44 %



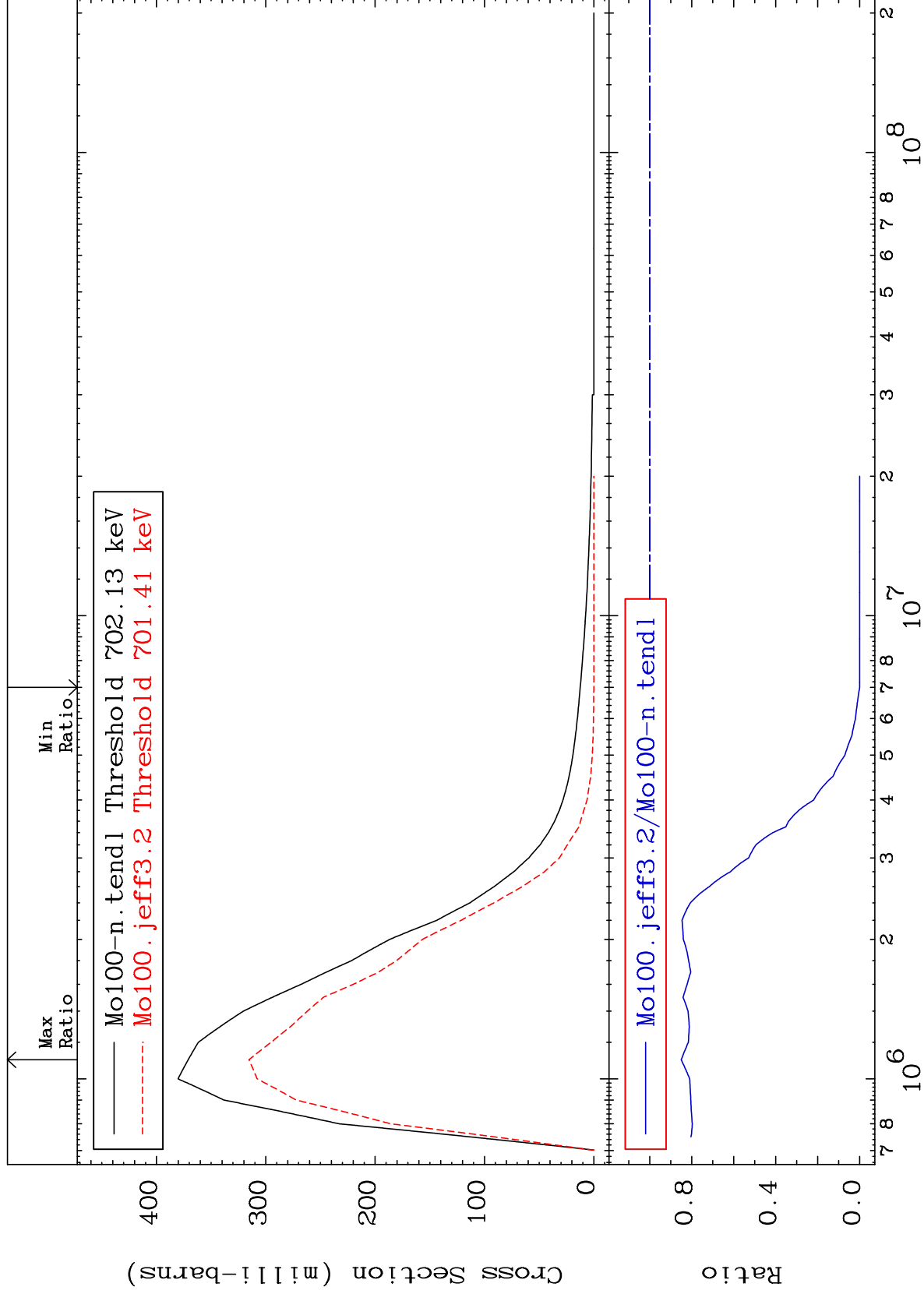
MAT 4249

695.1 keV (n,n') Level

42-Mo-100

-100.0 To -14.99%

Cross Section



9

Incident Energy (eV)

42-Mo-100

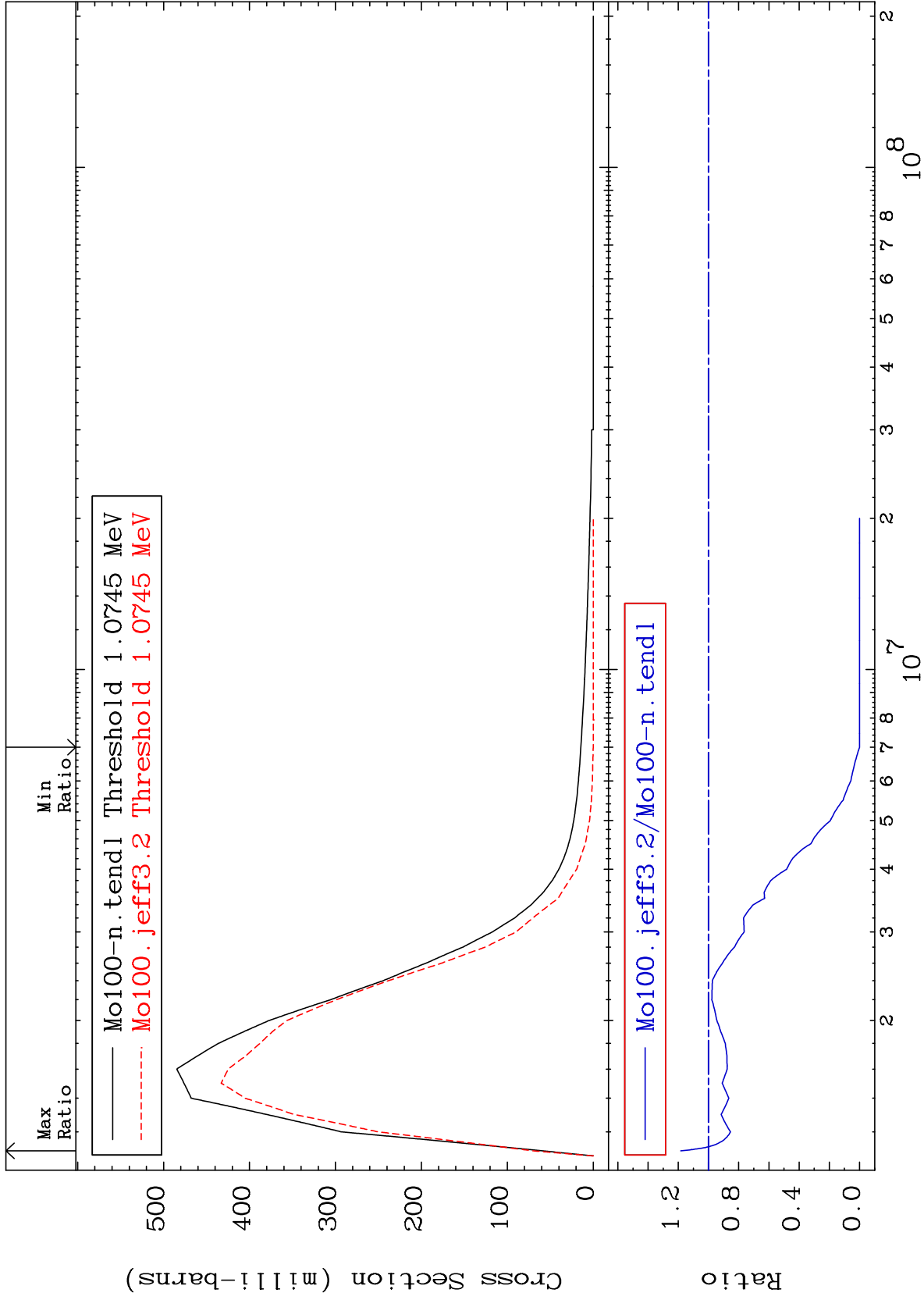
MAT 4249

1.064 MeV (n,n') Level

42-Mo-100

-100.0 To 18.35 %

Cross Section



10

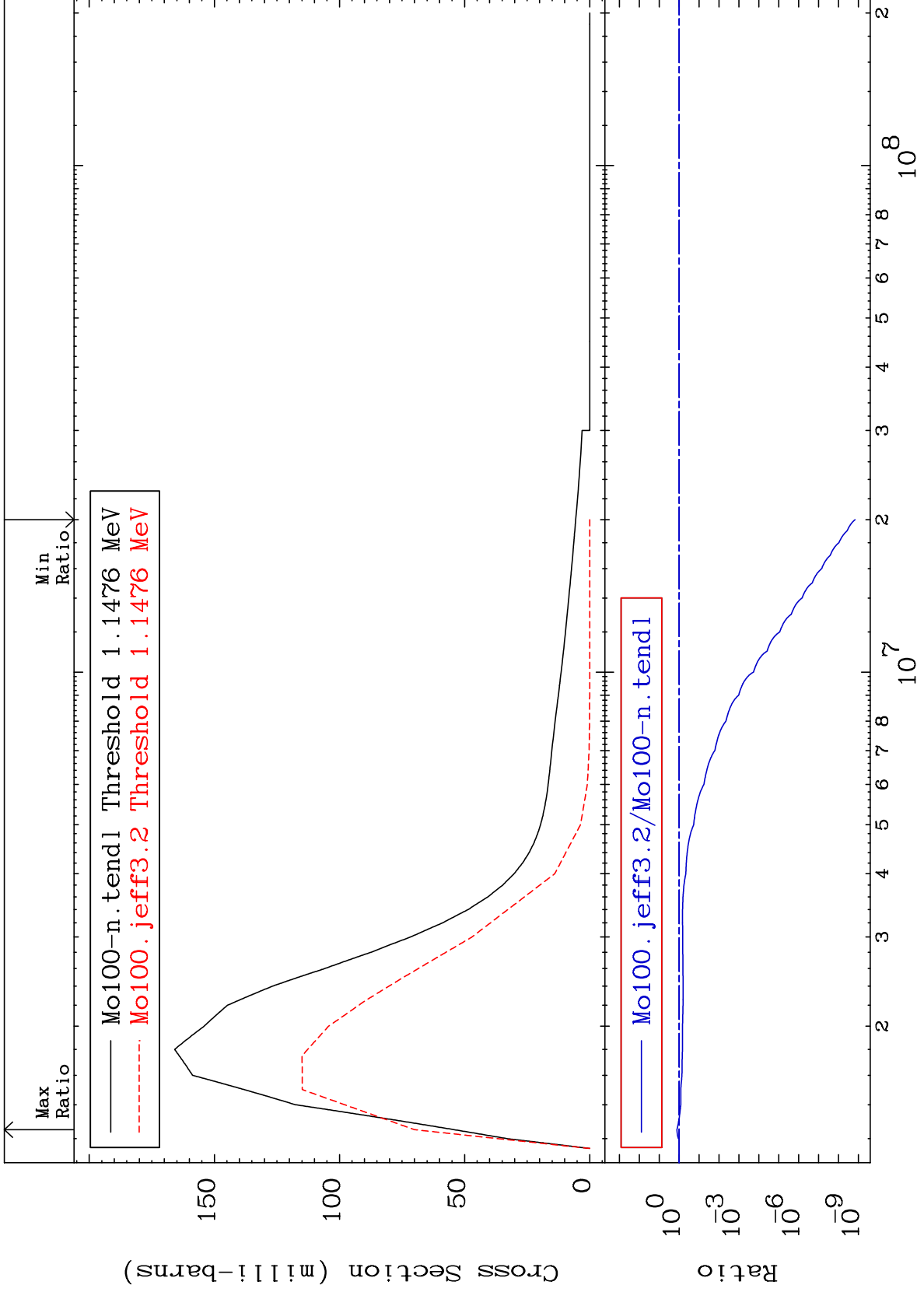
Incident Energy (eV)

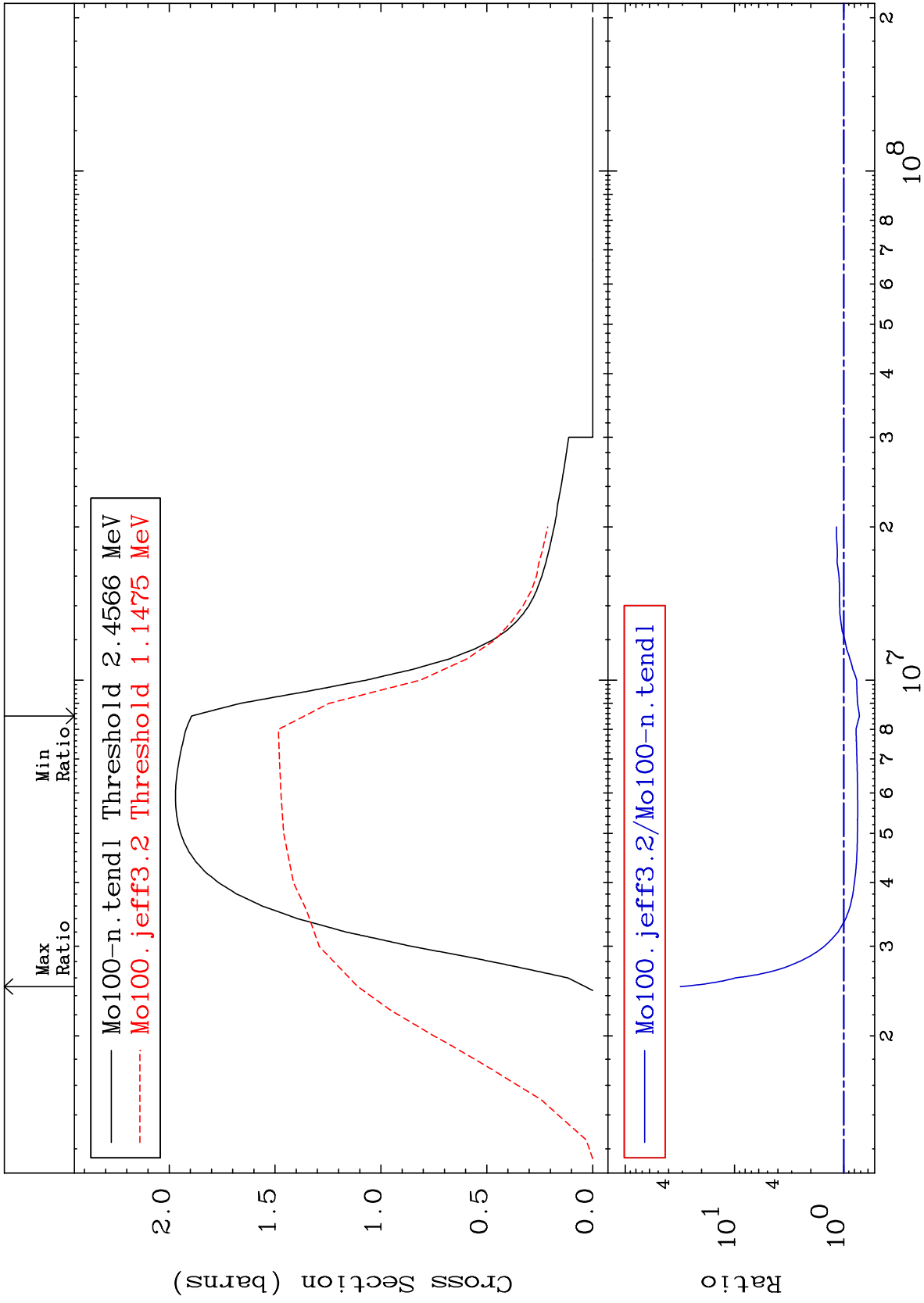
42-Mo-100

MAT 4249

1.136 MeV (n,n') Level
Cross Section

42-Mo-100
-100.0 To 29.21 %





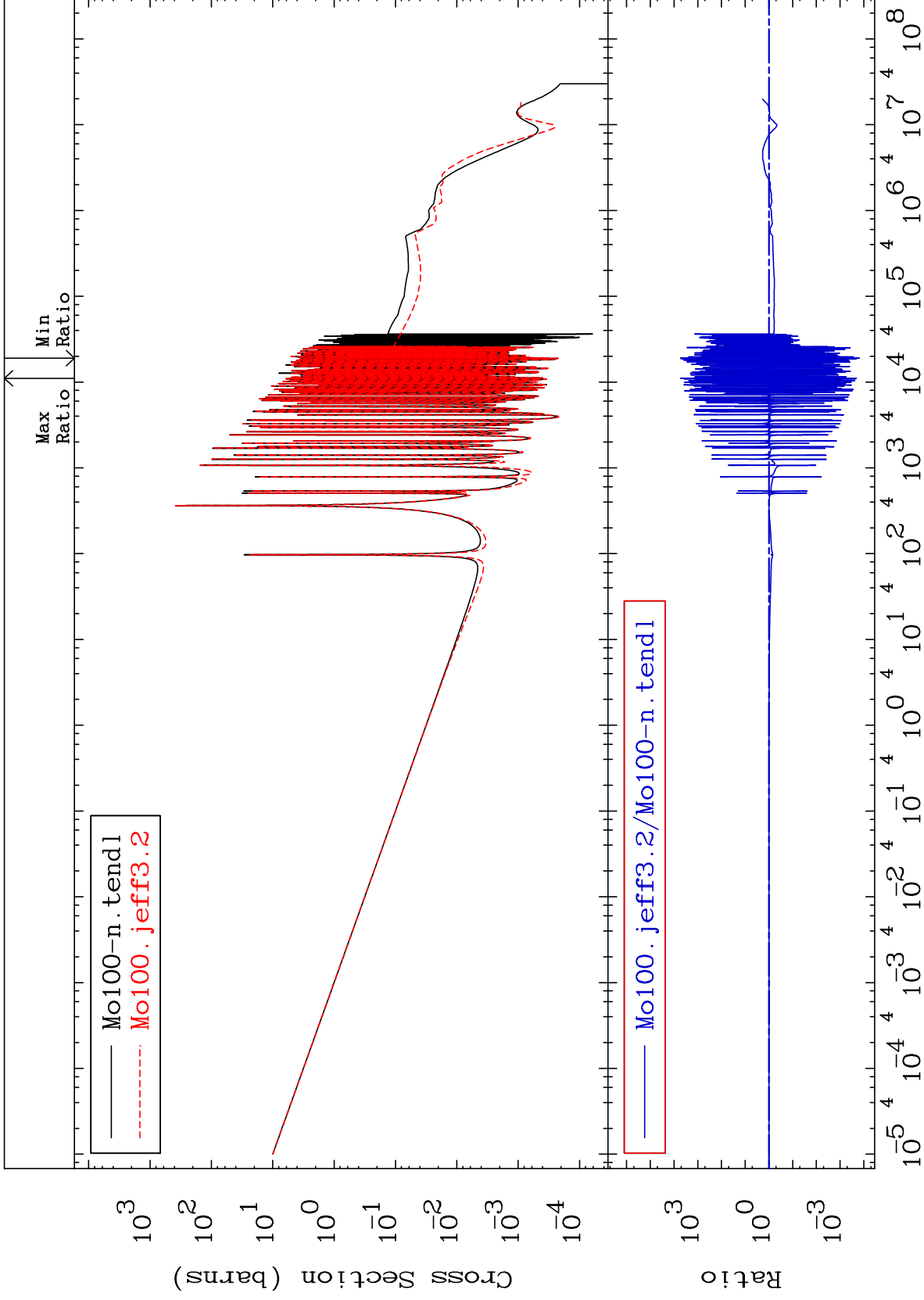
MAT 4249

(n, γ)

42-Mo-100

Cross Section

-99.98 To 9999. %



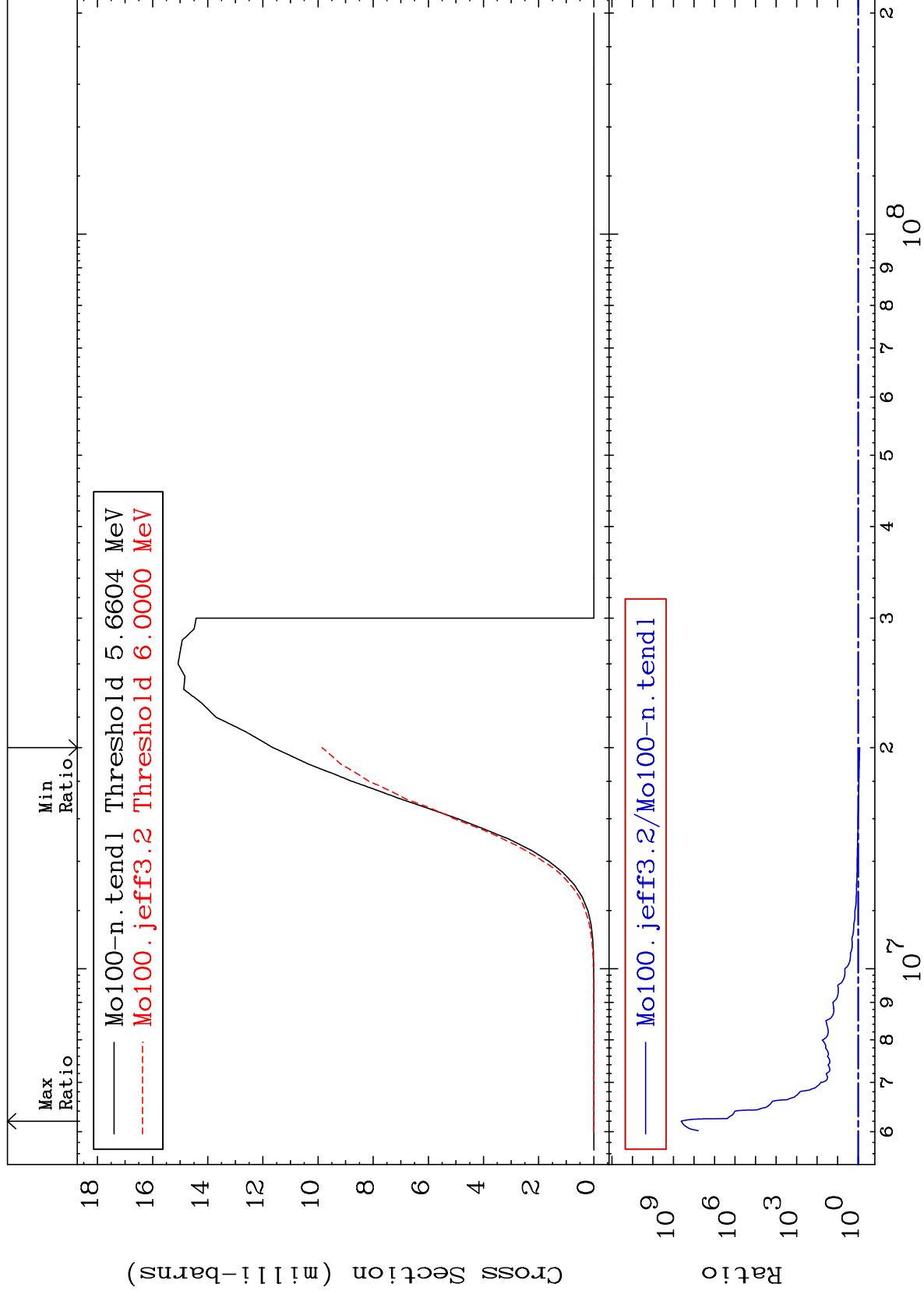
MAT 4249

(n,p)

42-Mo-100

Cross Section

-15.30 To 9999. %



14

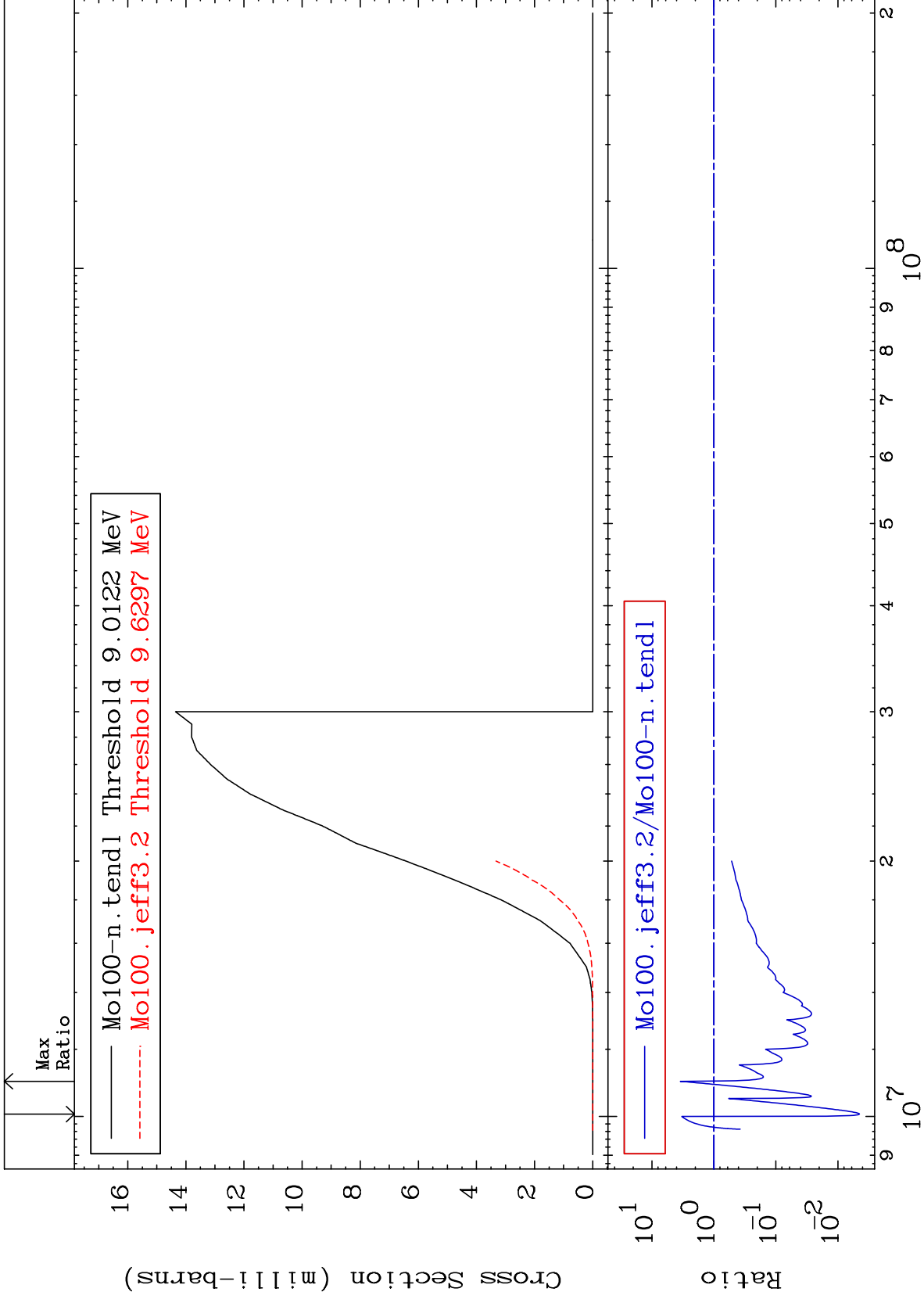
Incident Energy (eV)

42-Mo-100

MAT 4249

(n, d)
Cross Section

42-Mo-100
-99.55 To 247.6 %



15

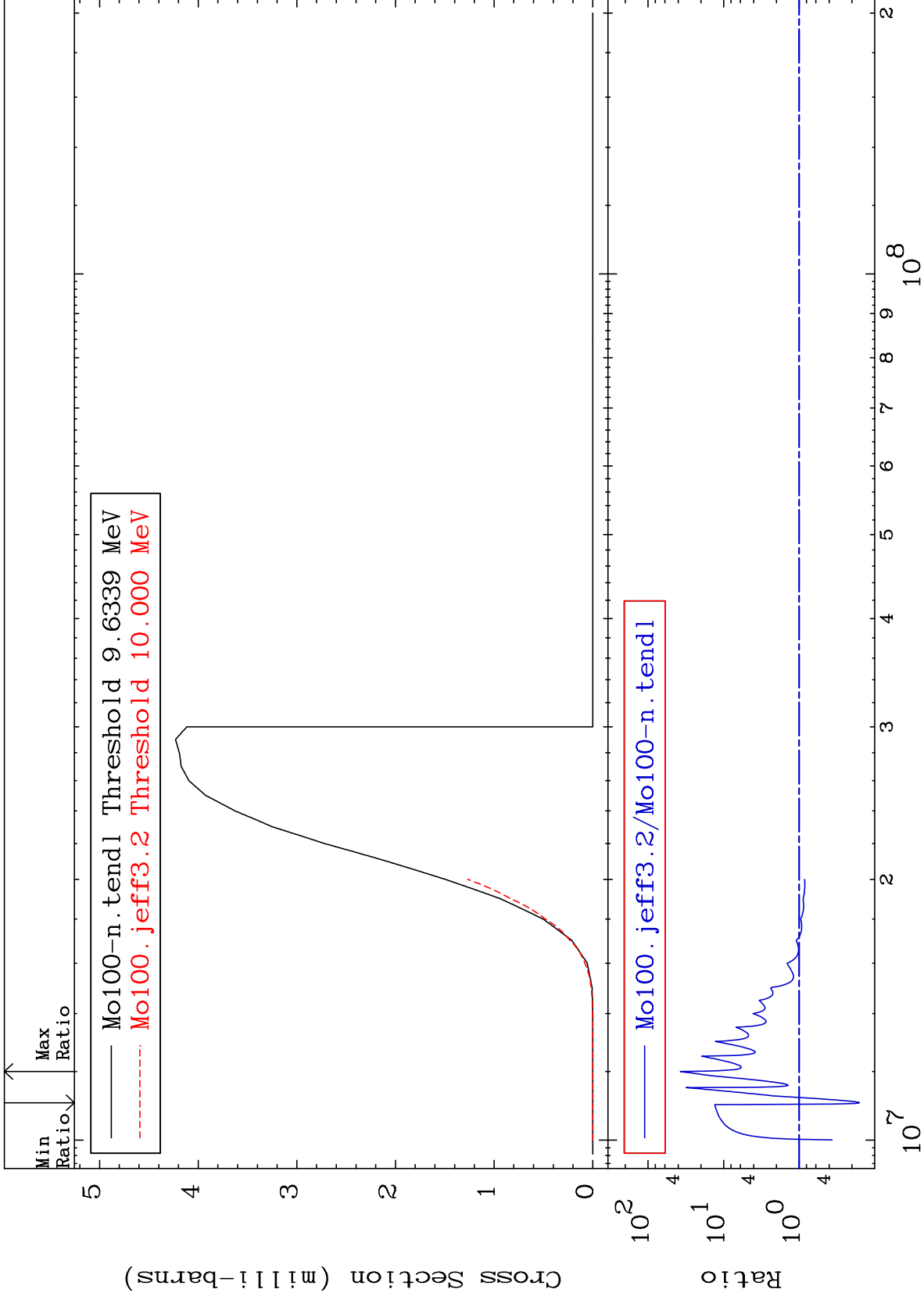
Incident Energy (eV)

42-Mo-100

MAT 4249

(n, t)
Cross Section

42-Mo-100
-84.07 To 3637. %



16

Incident Energy (eV)

42-Mo-100

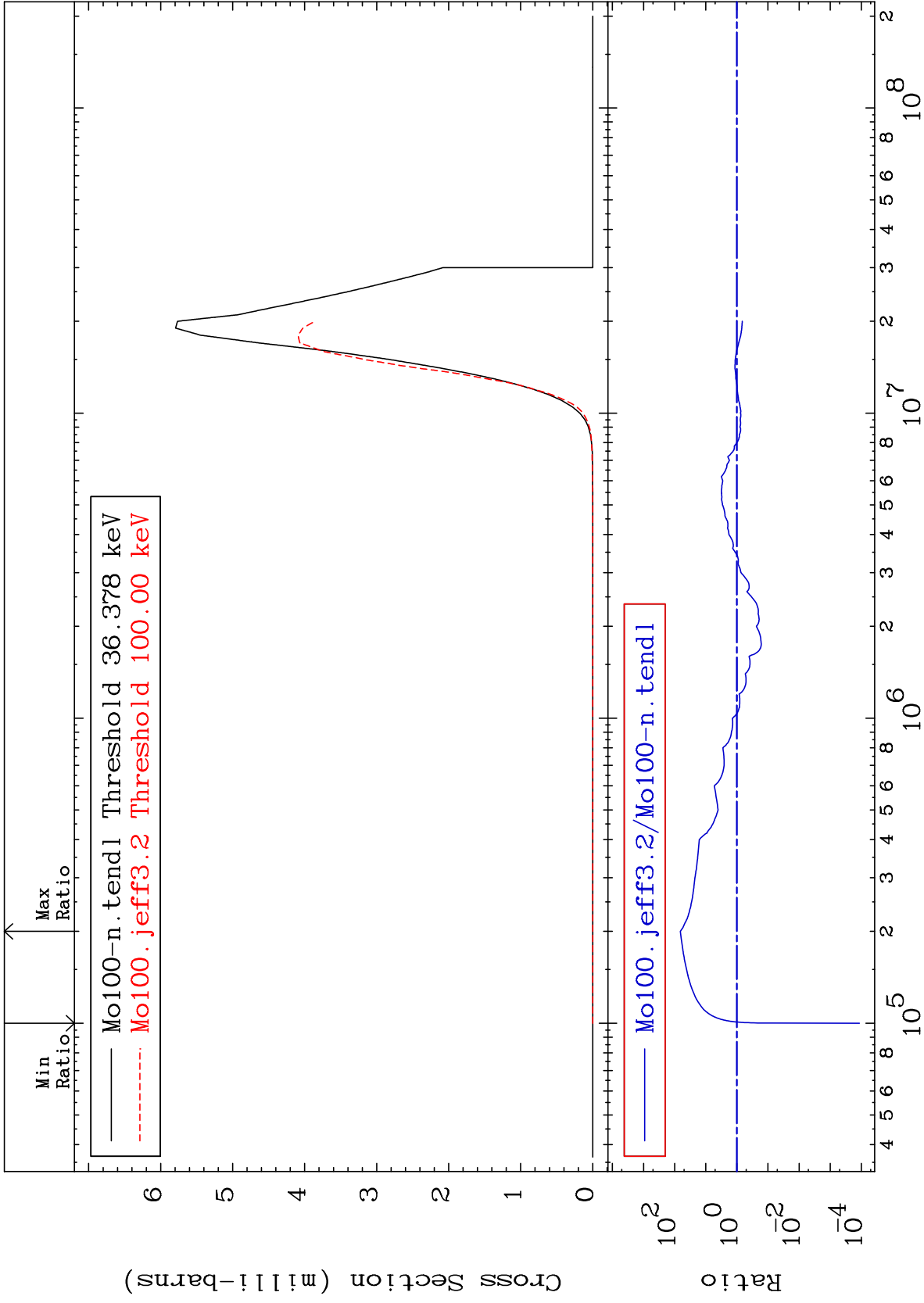
MAT 4249

(n, α)

42-Mo-100

Cross Section

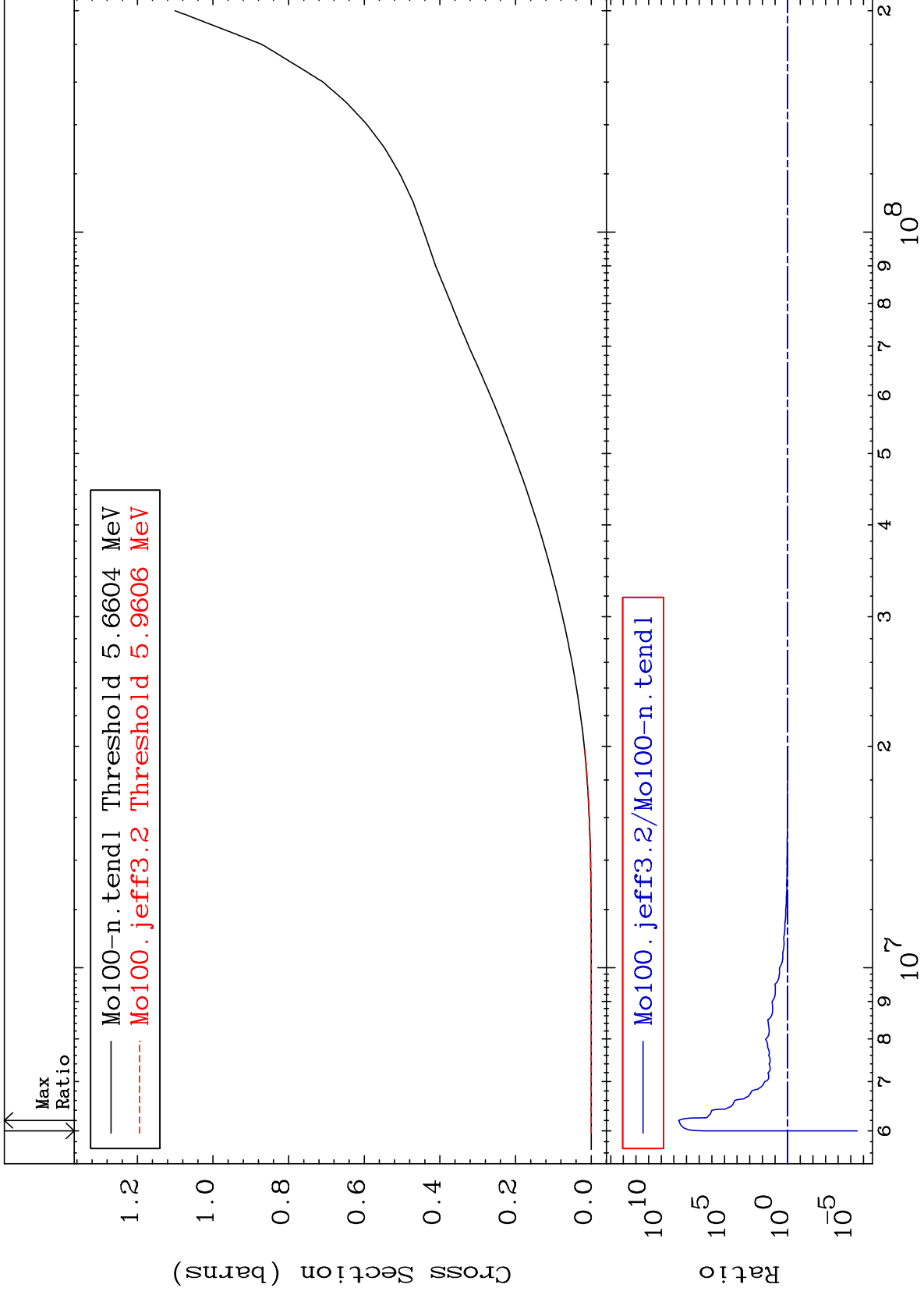
-99.99 To 6453. %



MAT 4249

Hydrogen Production
Cross Section

42-Mo-100
-100.0 To 9999. %



18

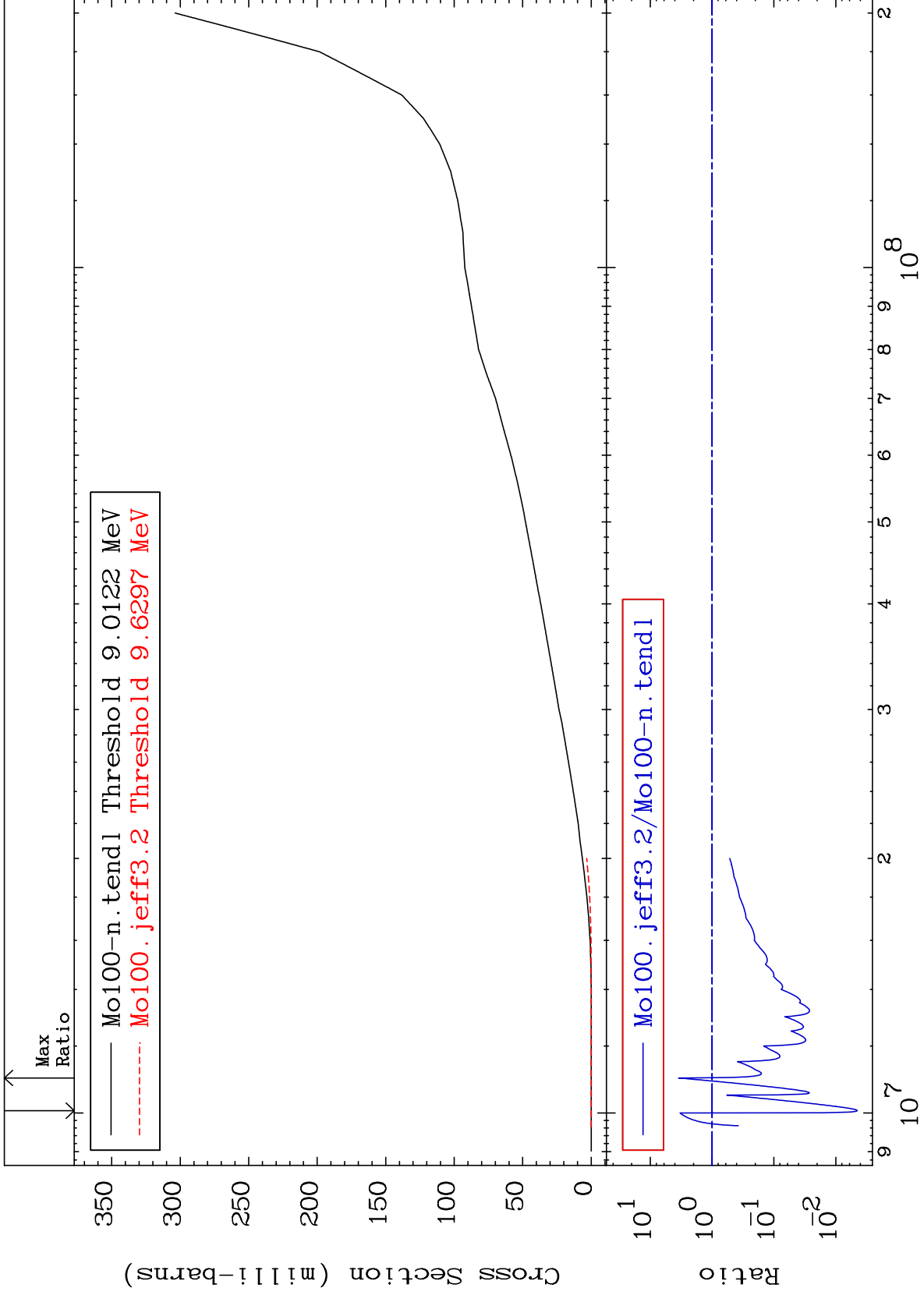
Incident Energy (eV)

42-Mo-100

MAT 4249

Deuterium Production
Cross Section

42-Mo-100
-99.55 To 247.6 %



19

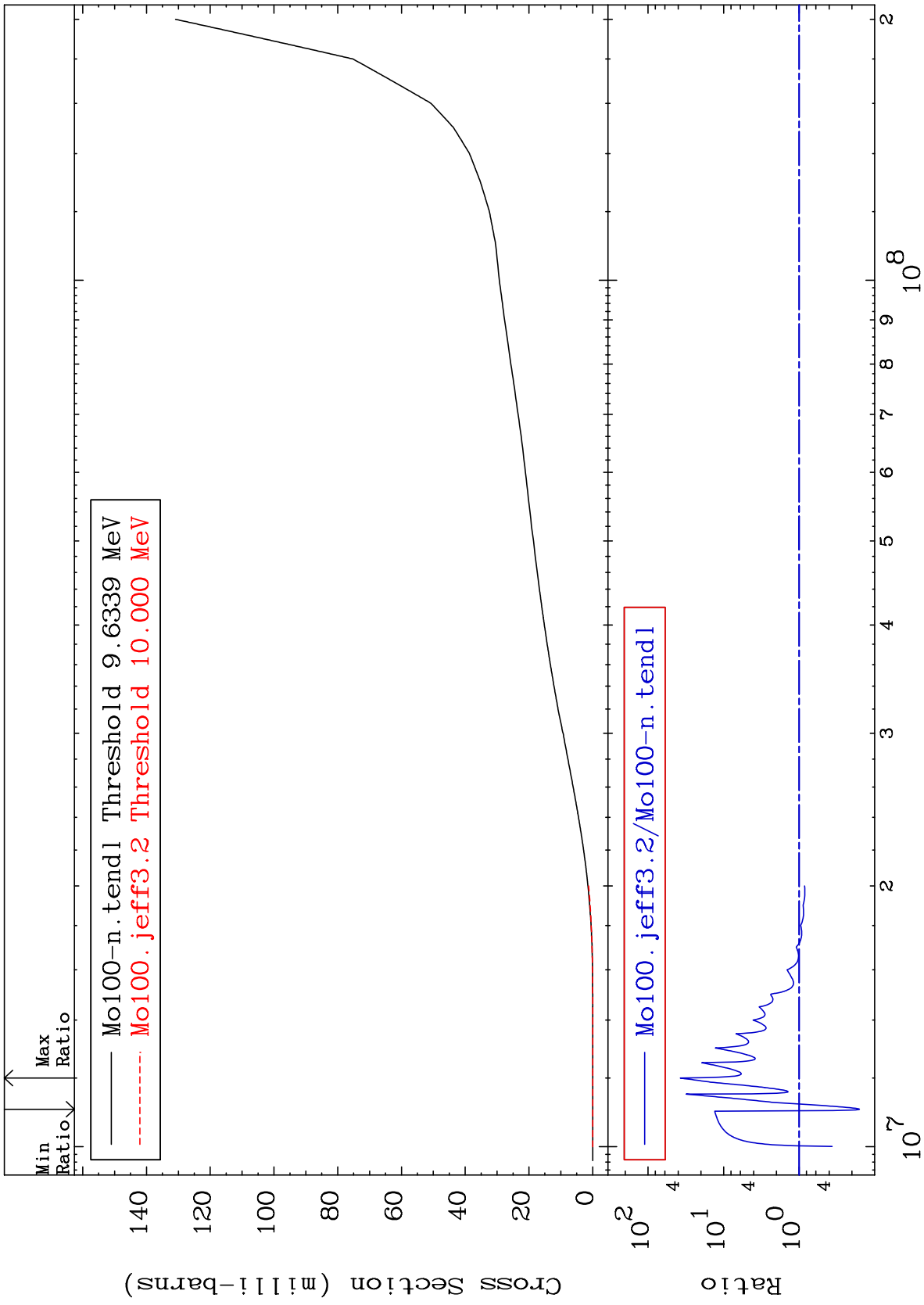
Incident Energy (eV)

42-Mo-100

MAT 4249

Tritium Production
Cross Section

42-Mo-100
-84.07 To 3637. %



20

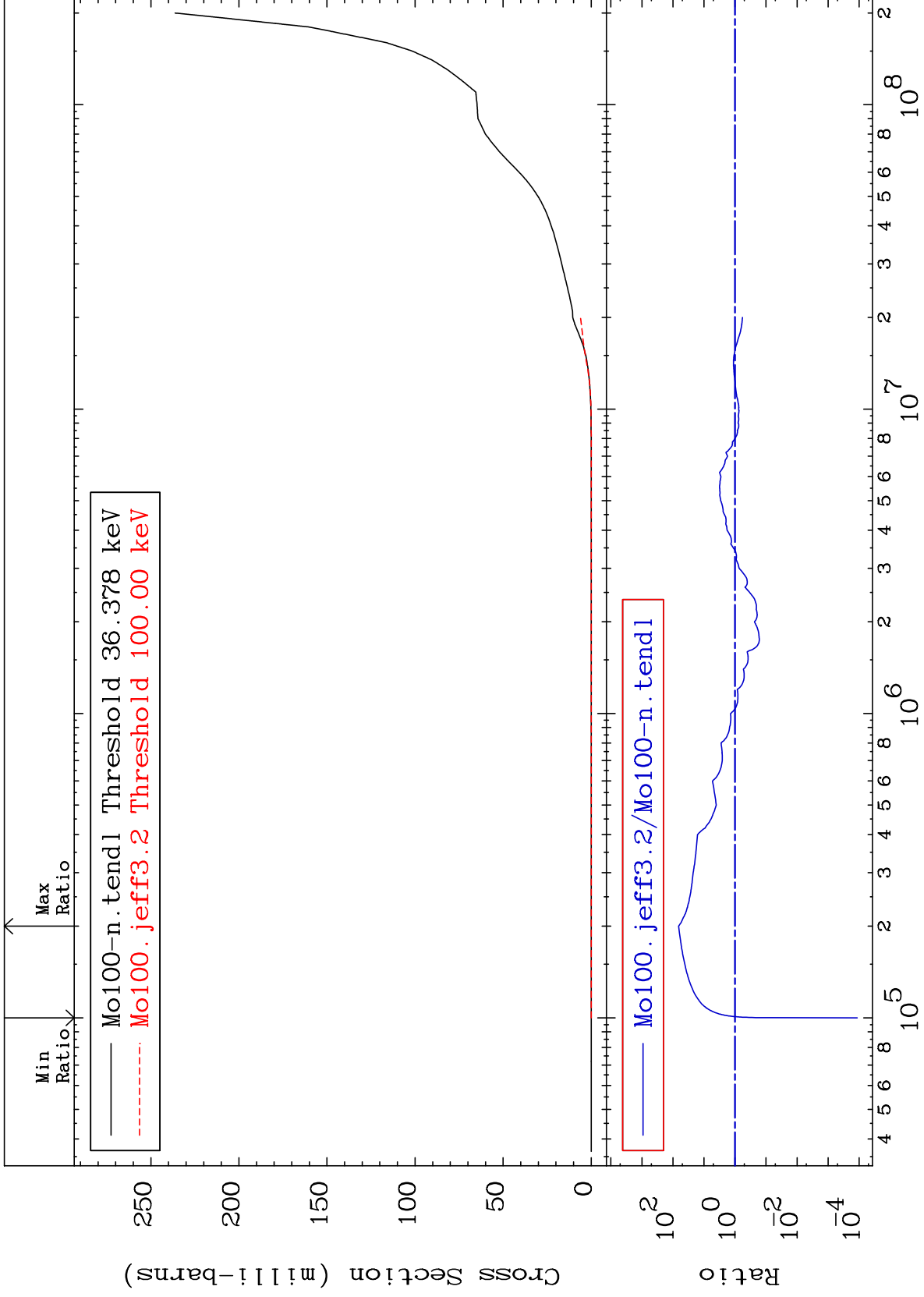
Incident Energy (eV)

42-Mo-100

MAT 4249

He-4 Production
Cross Section

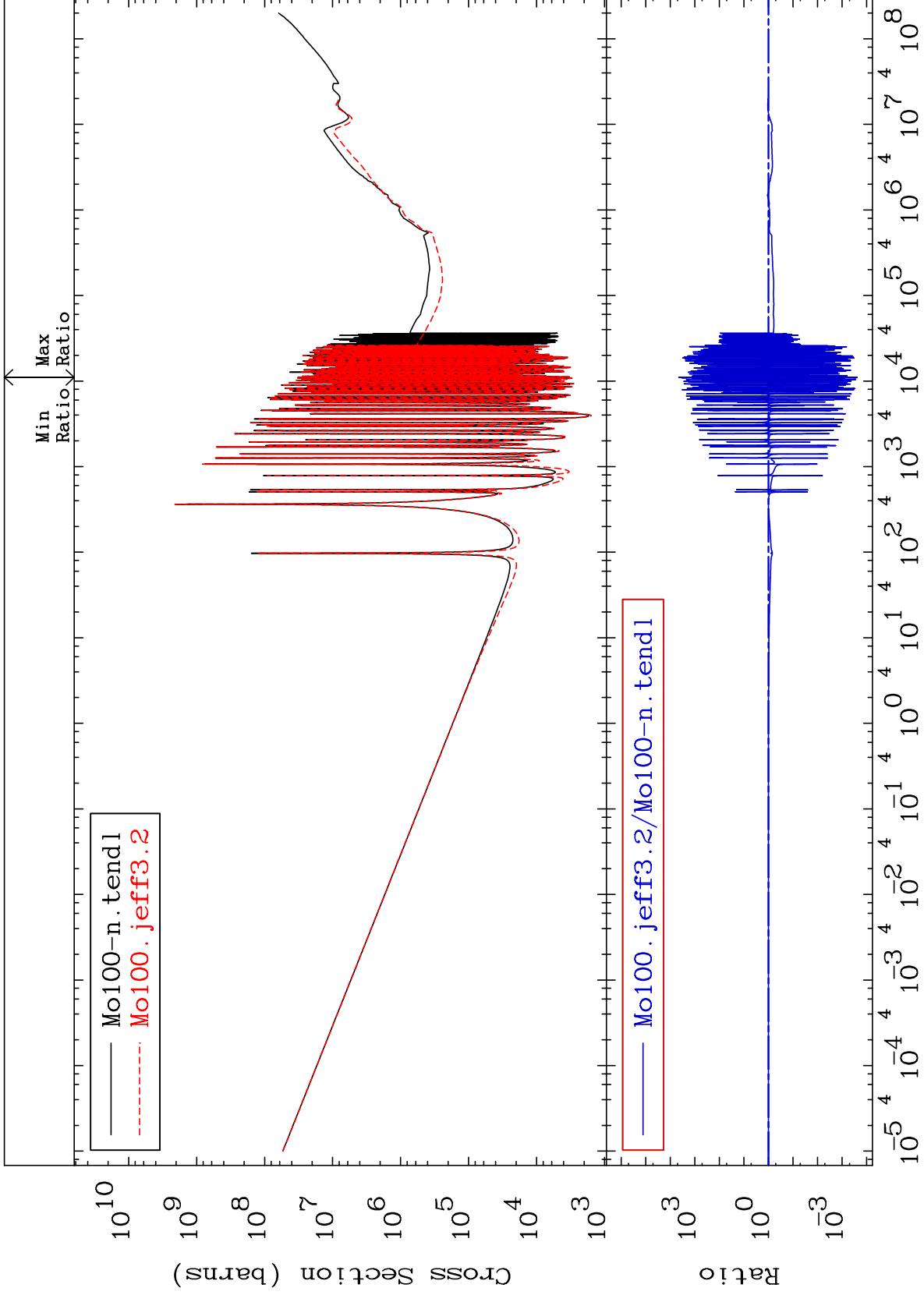
42-Mo-100
-99.99 To 6453. %



MAT 4249

Kerma total (eV-barns)
Cross Section

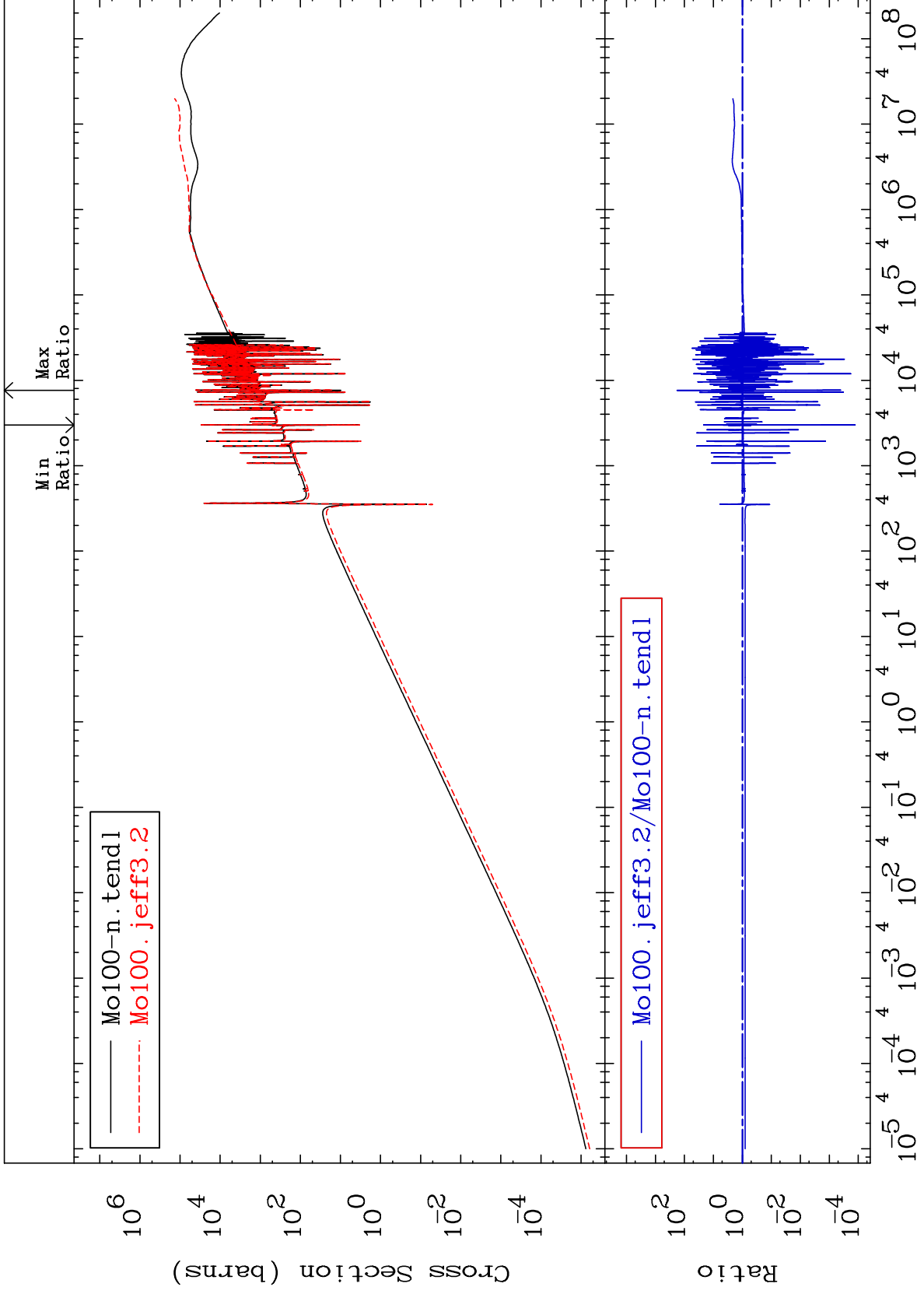
42-Mo-100
-99.98 To 9999. %

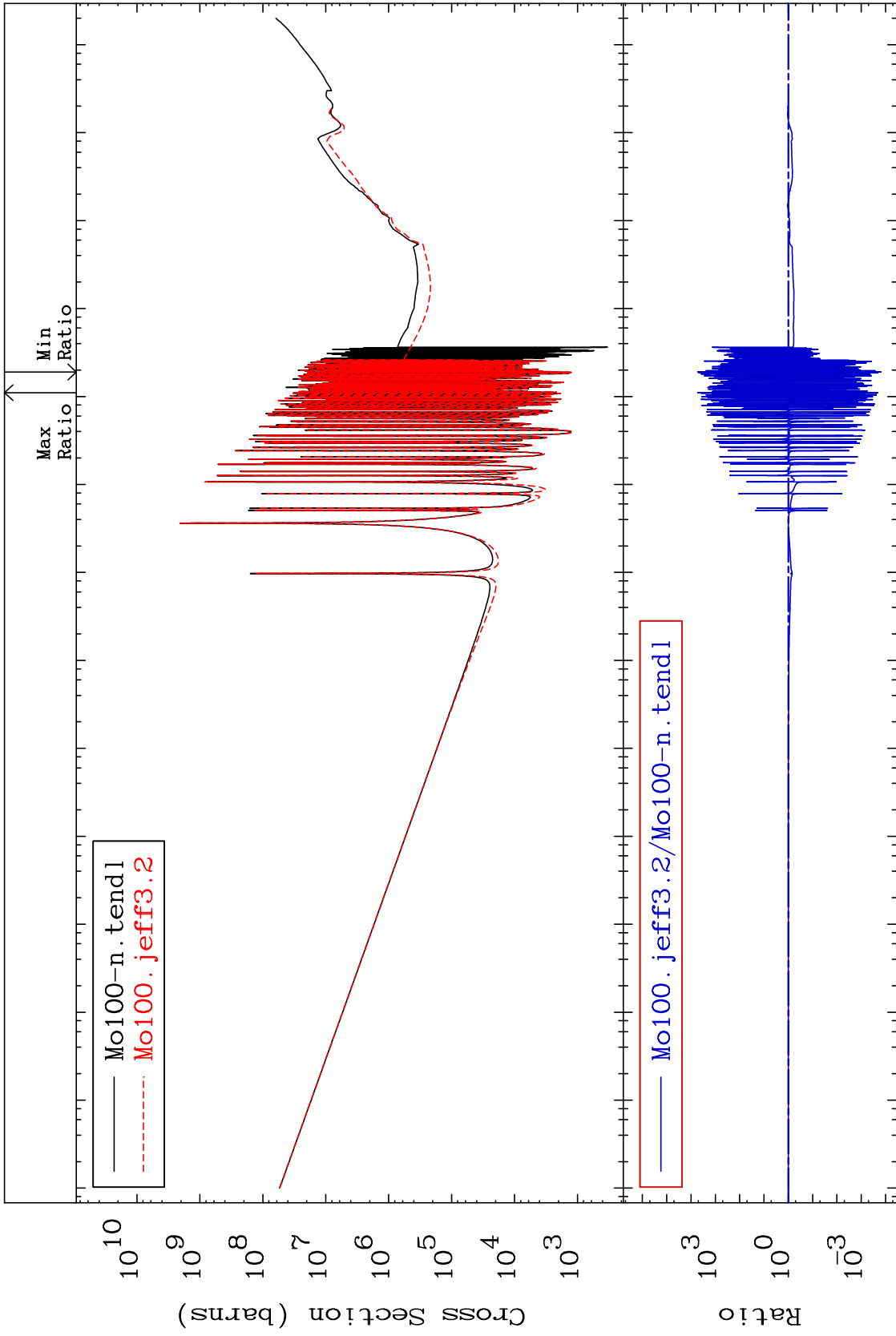


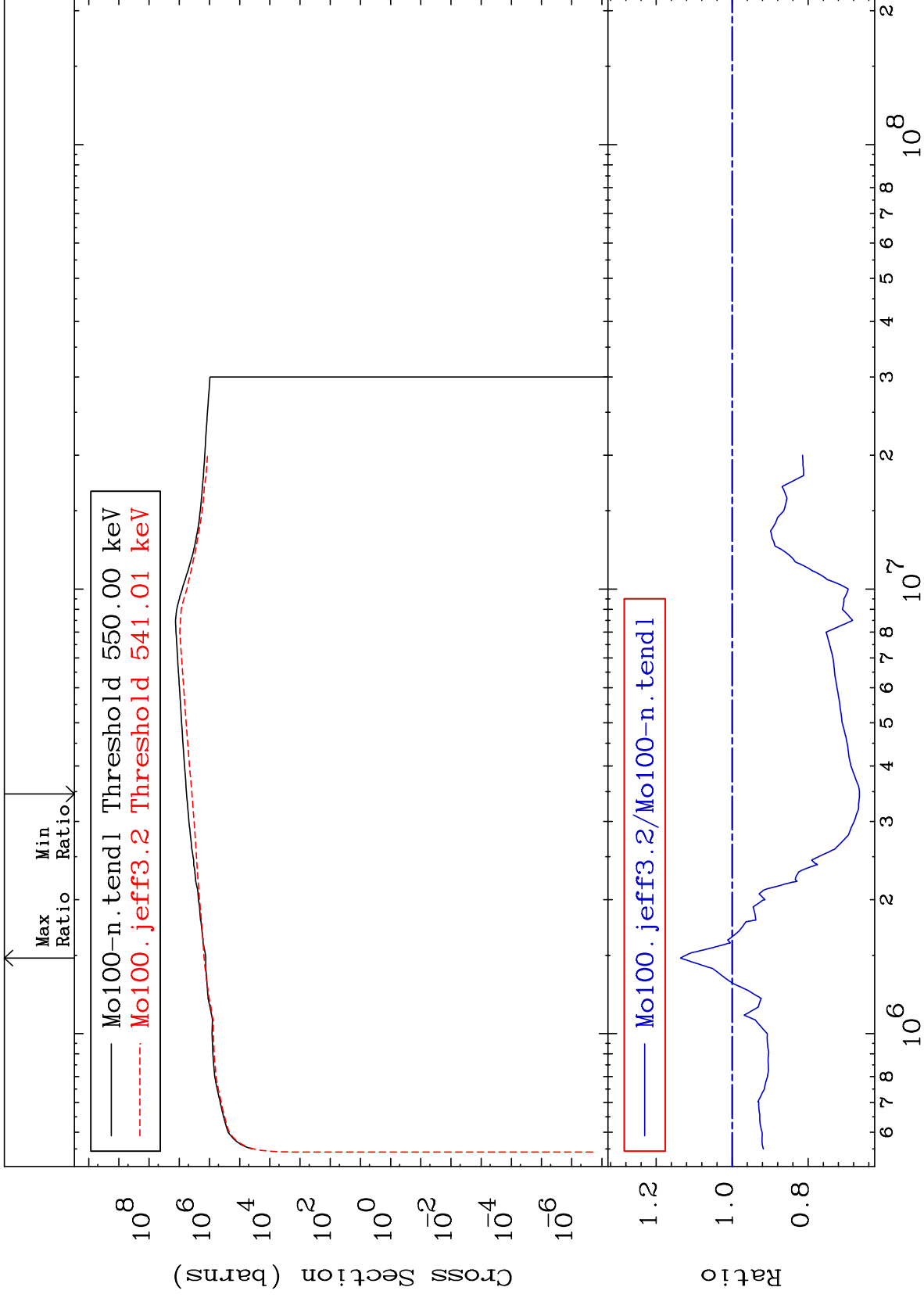
MAT 4249

Kerma elastic
Cross Section

42-Mo-100
-99.99 To 9999. %



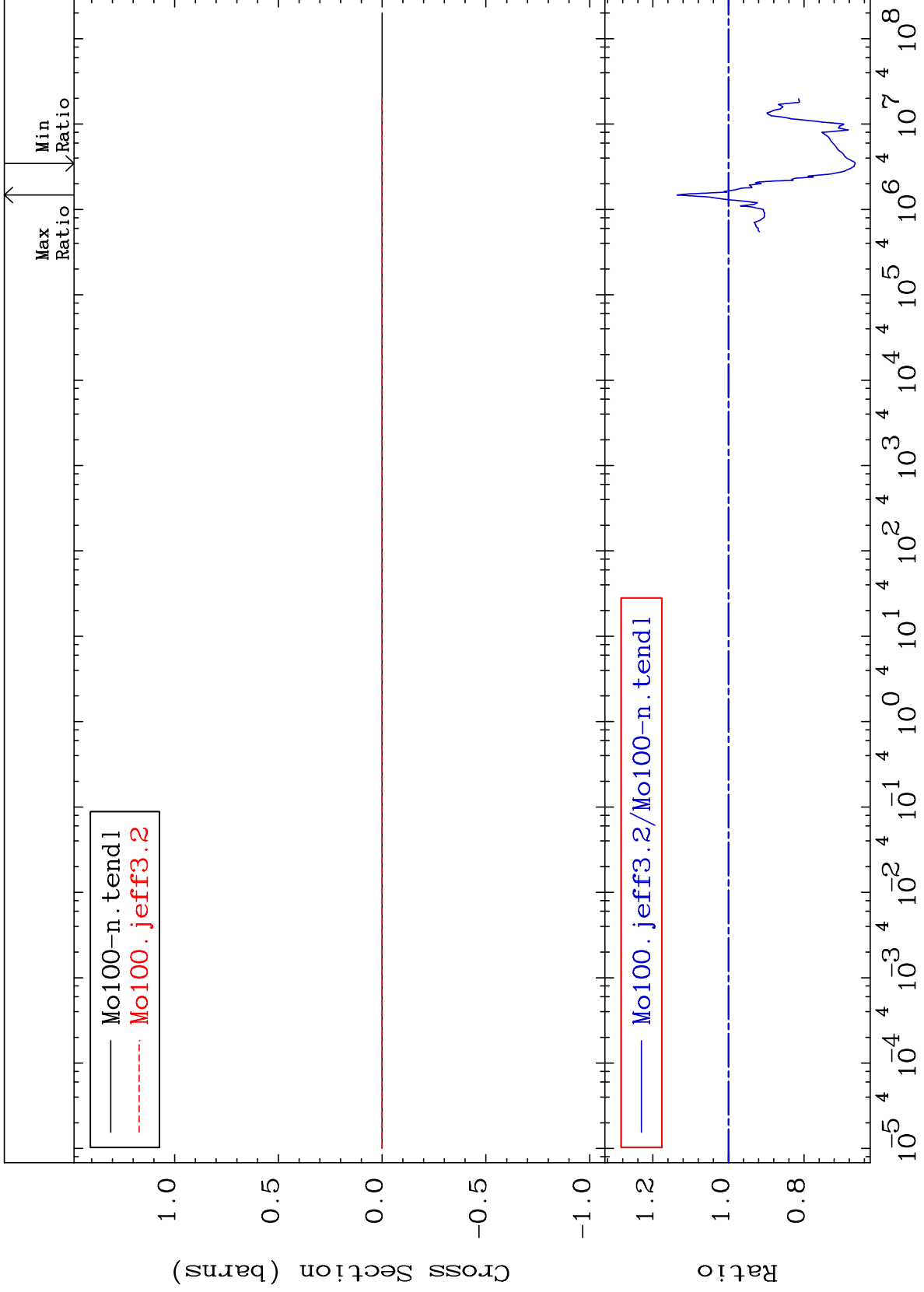


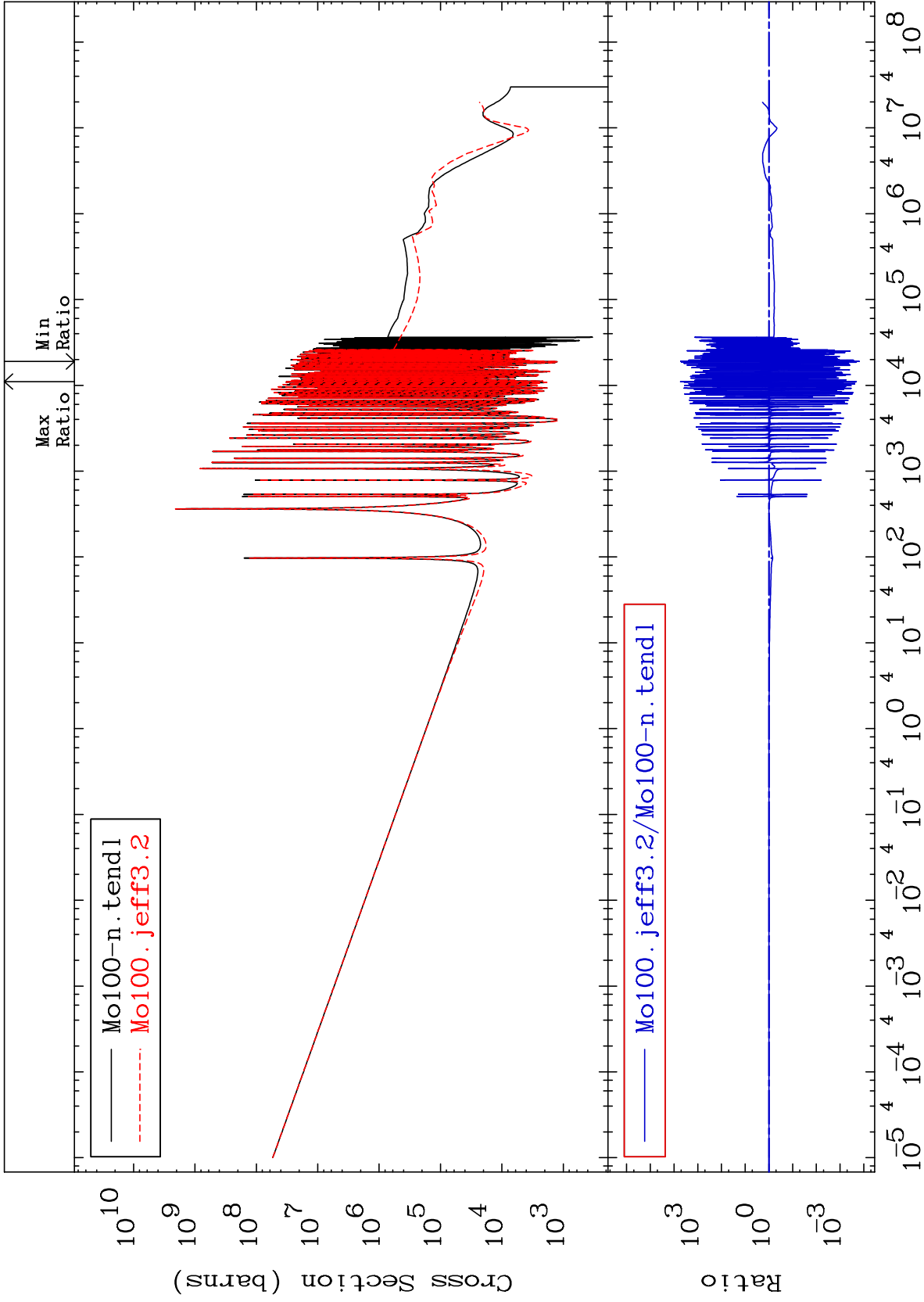


MAT 4249

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

42-Mo-100
-33.52 To 13.64 %

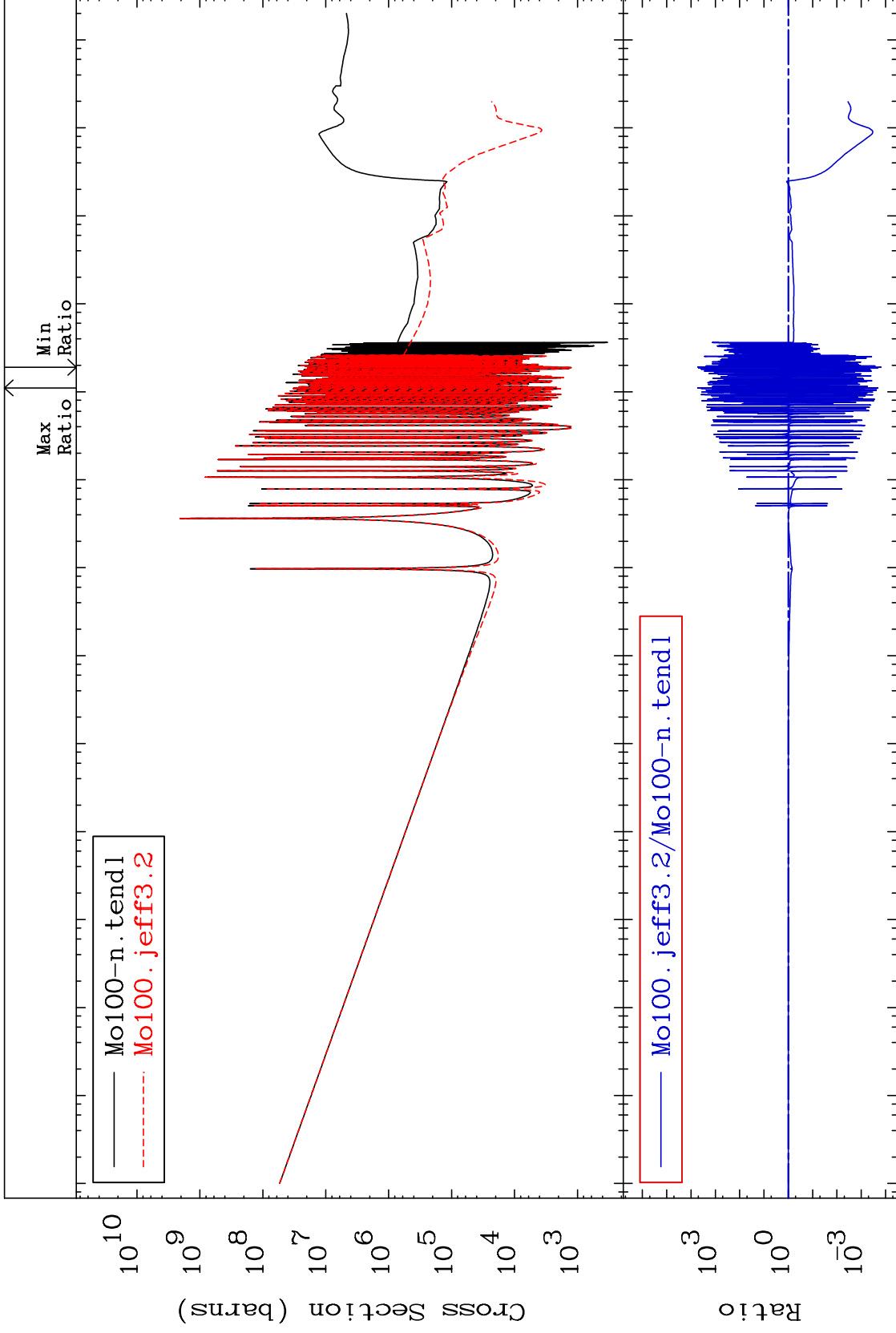


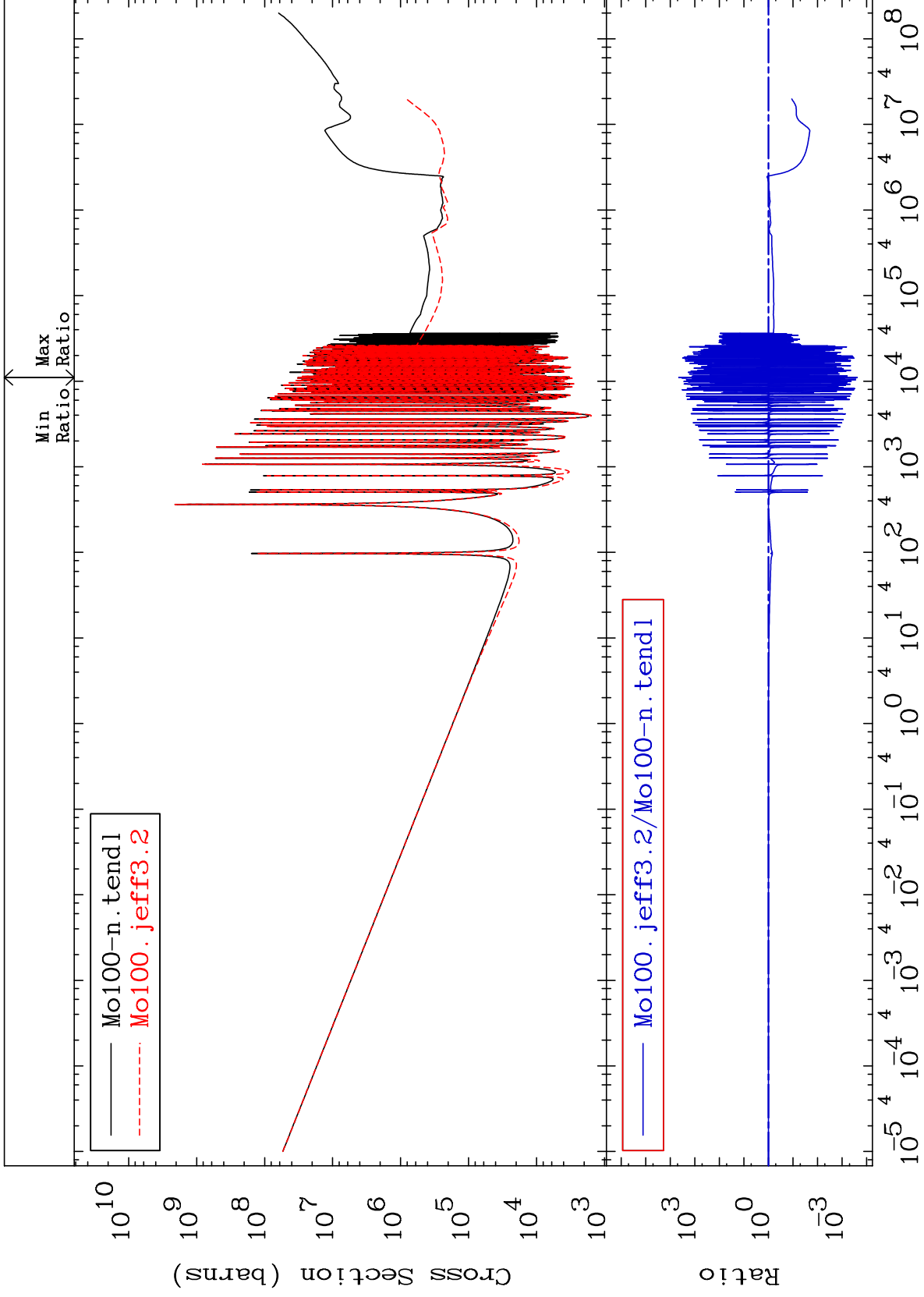


MAT 4249

Total photon (eV-barns)
Cross Section

42-Mo-100
-99.98 To 9999. %

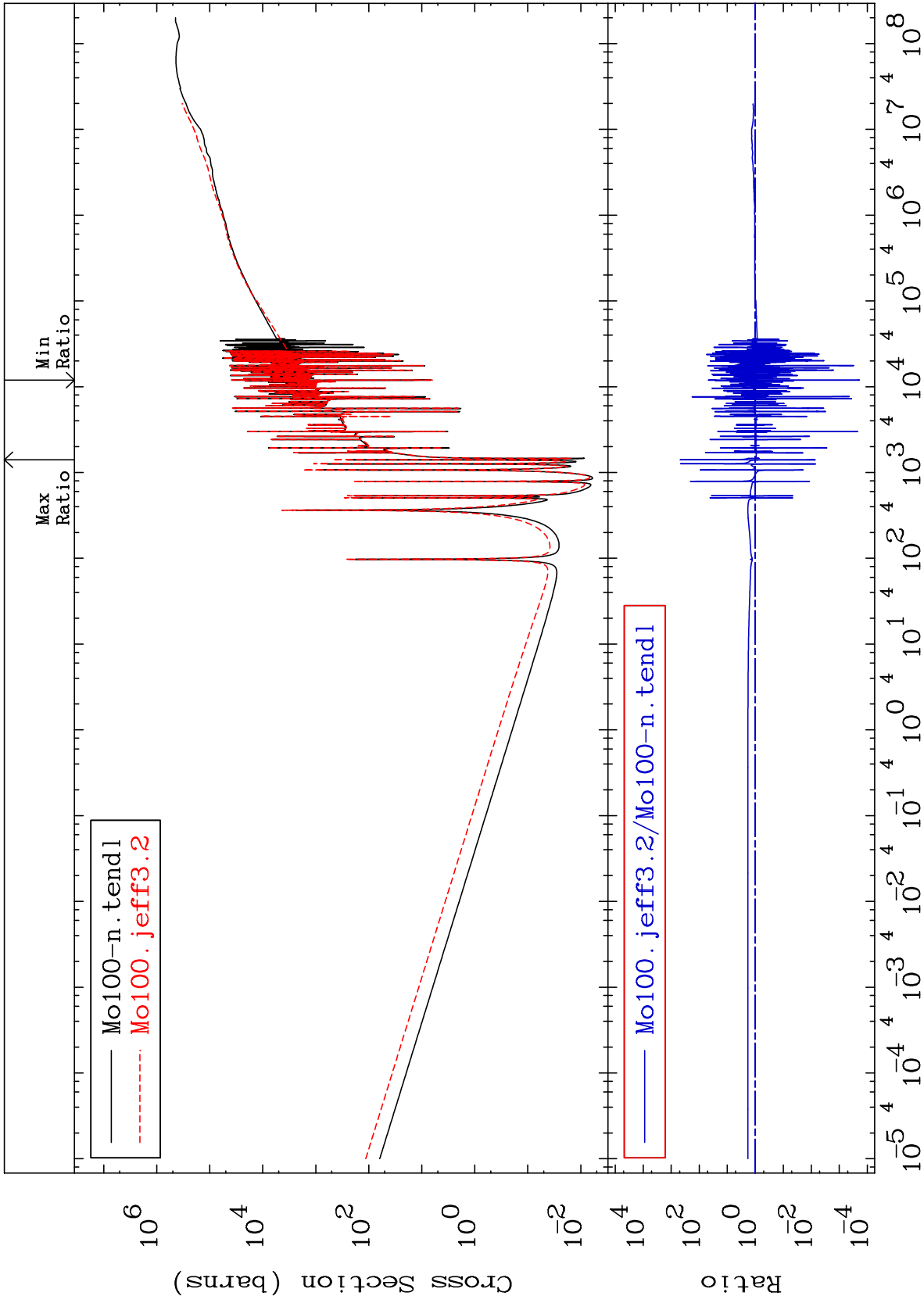


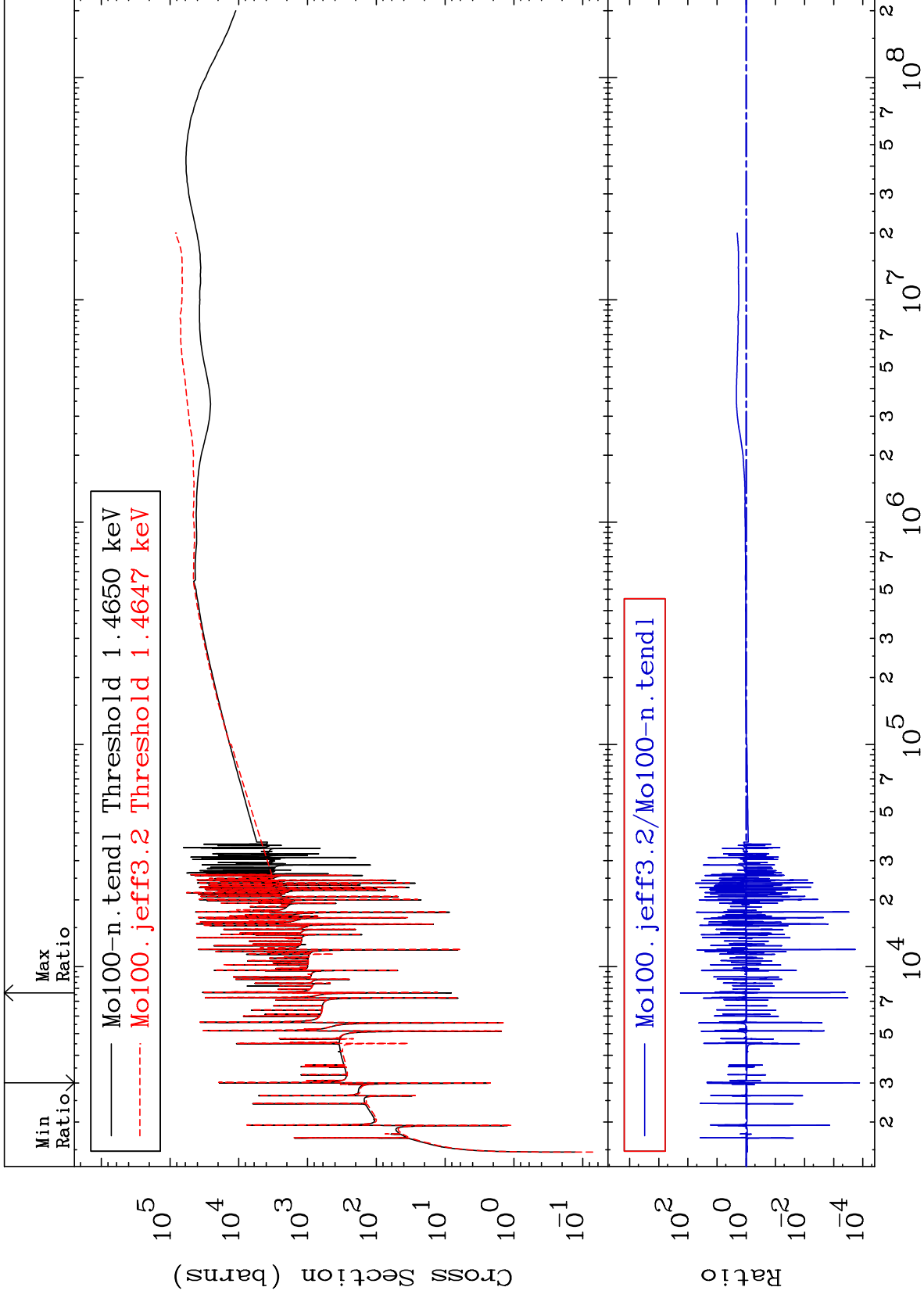


MAT 4249

Dpa total (eV-barns)
Cross Section

42-Mo-100
-99.98 To 9999. %





MAT 4249

Dpa inelastic (mt51-91)
Cross Section

42-Mo-100
-21.91 To 80.14 %

