

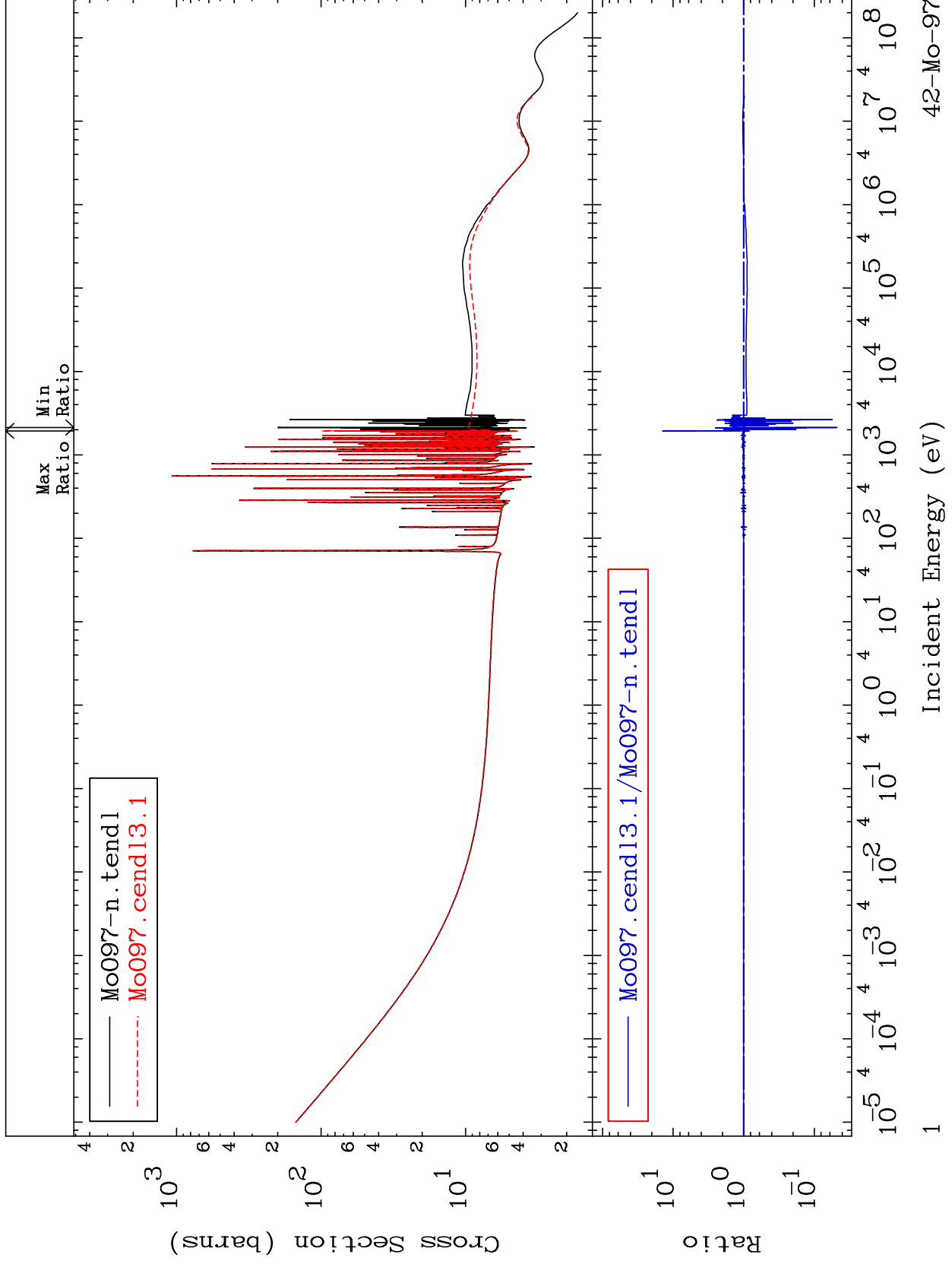
MAT 4240

Total

Cross Section

42-Mo-97

-95.21 To 1300. %

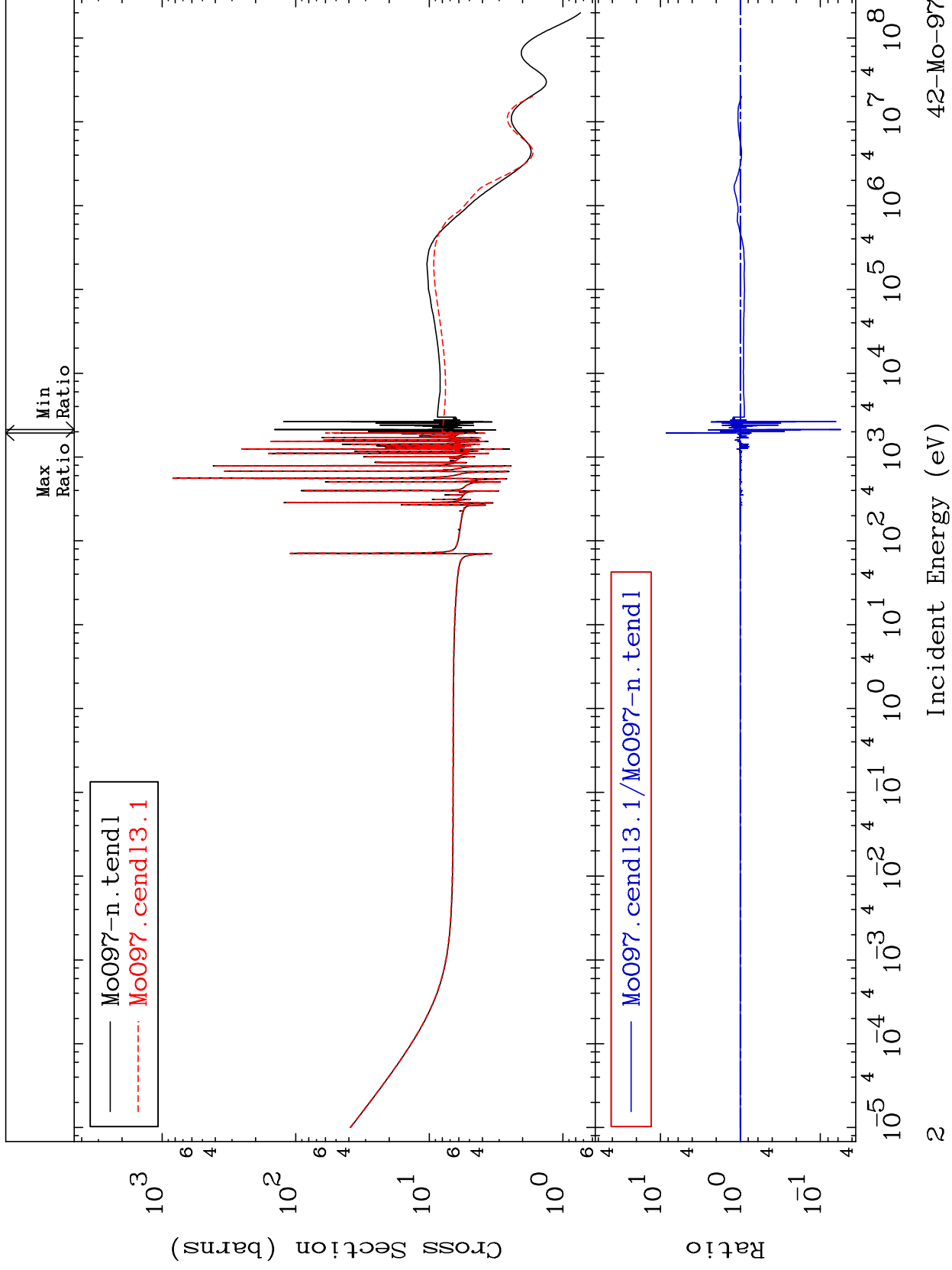


42-Mo-97

MAT 4240

Elastic
Cross Section

42-Mo-97
-94.49 To 754.3 %



42-Mo-97

Incident Energy (eV)

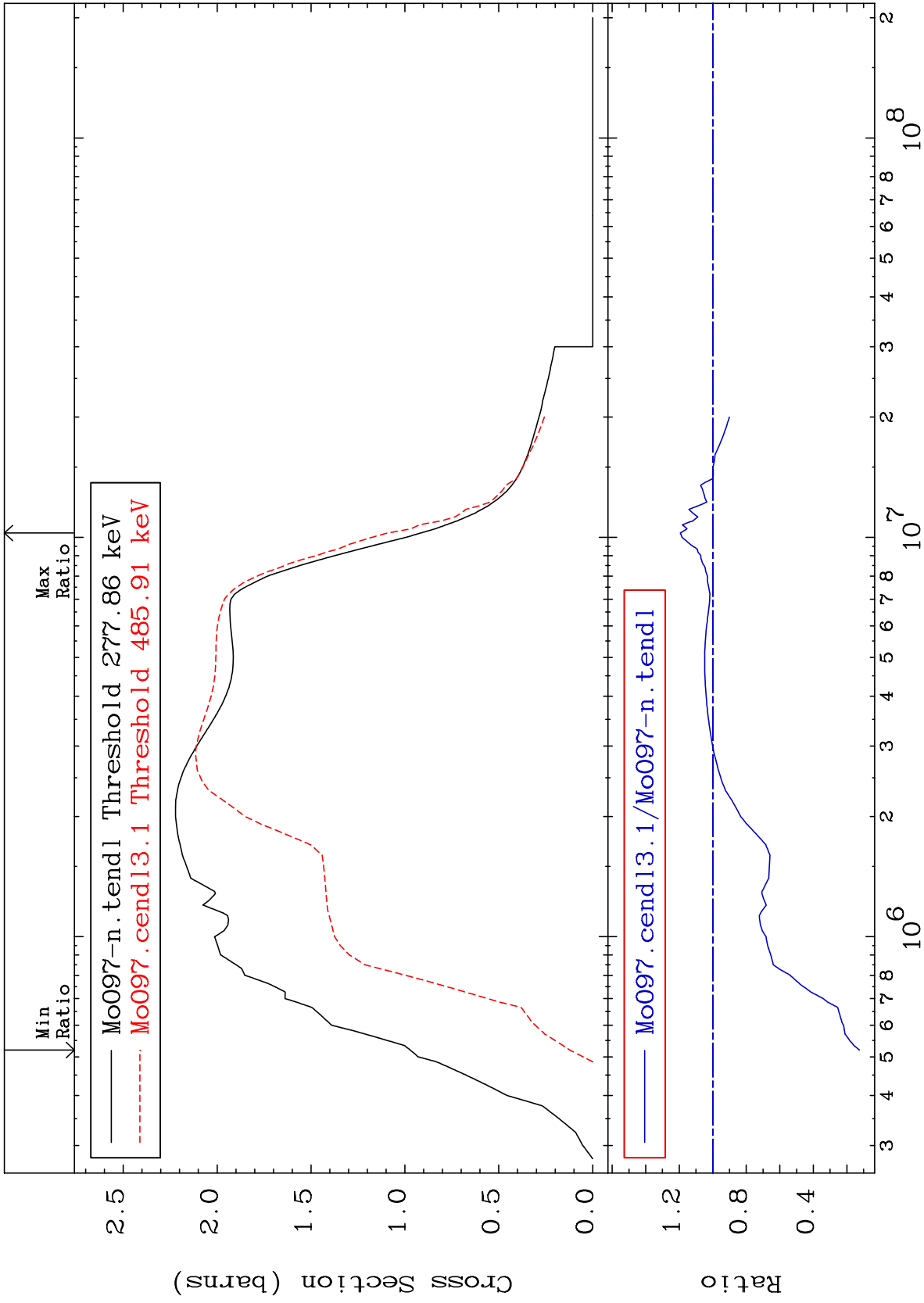
2

MAT 4240

42-Mo-97

Inelastic
Cross Section

-87.48 To 19.33 %



3

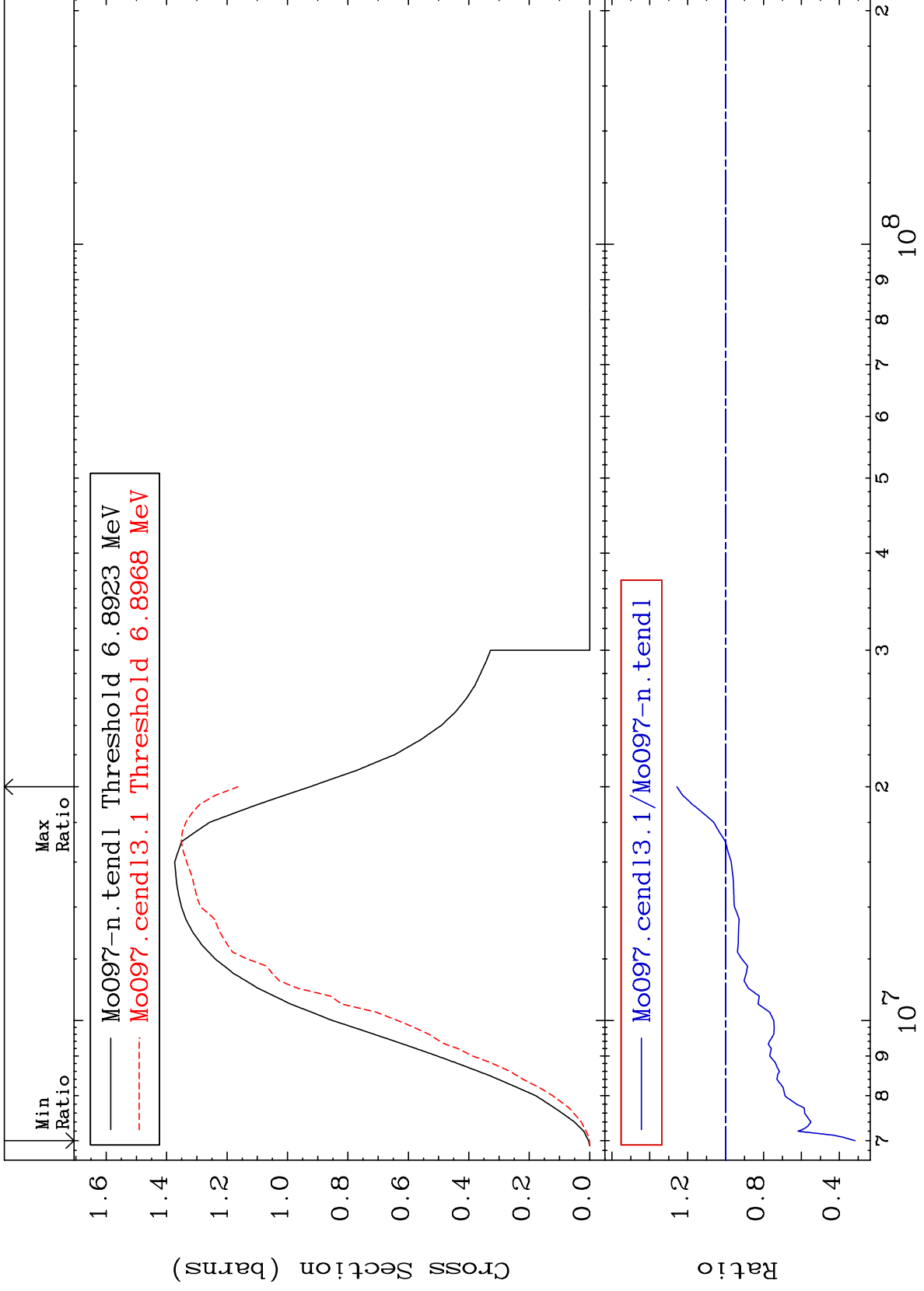
Incident Energy (eV)

42-Mo-97

MAT 4240

(n,2n)
Cross Section

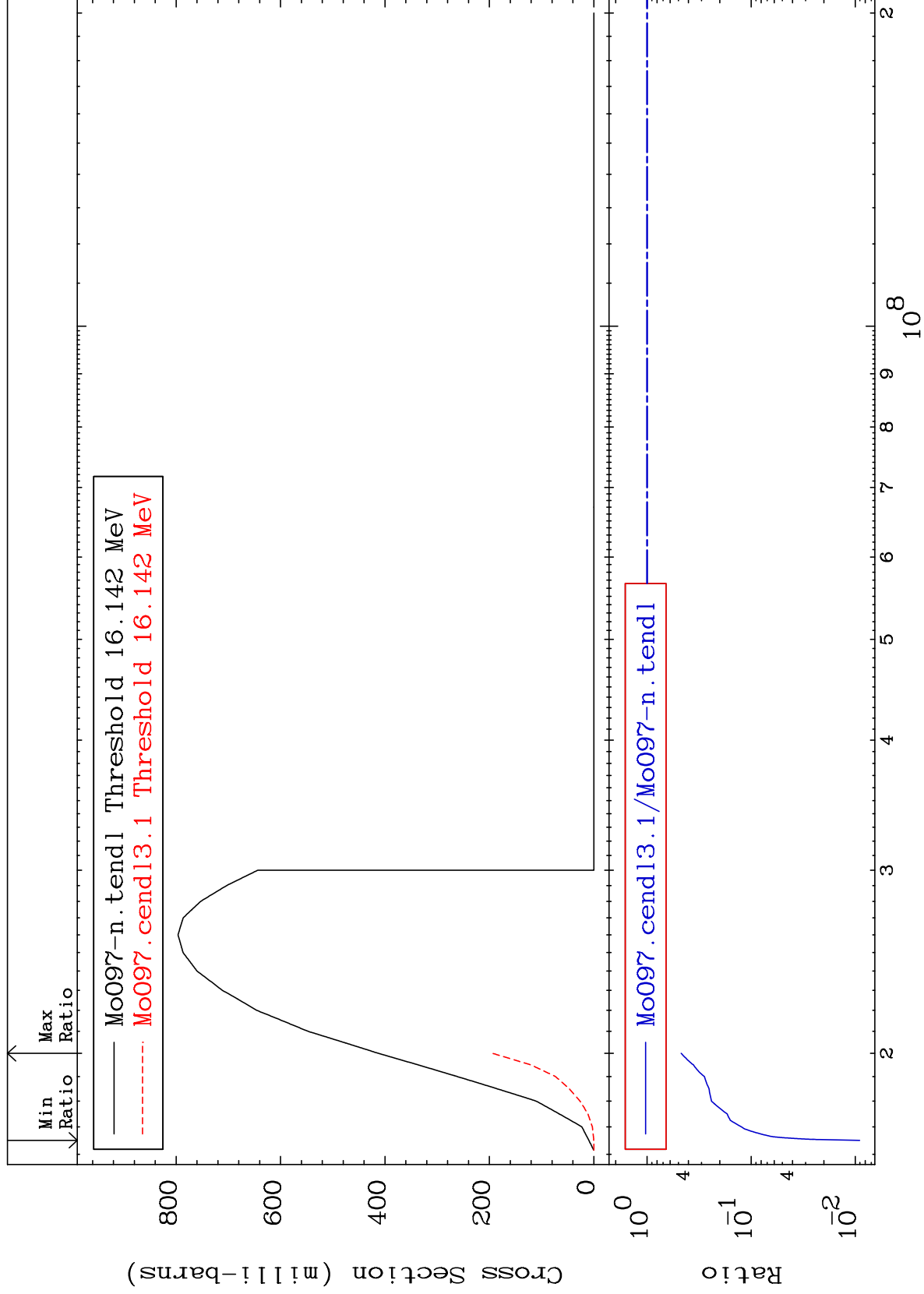
42-Mo-97
-68.33 To 25.68 %



MAT 4240

(n,3n)
Cross Section

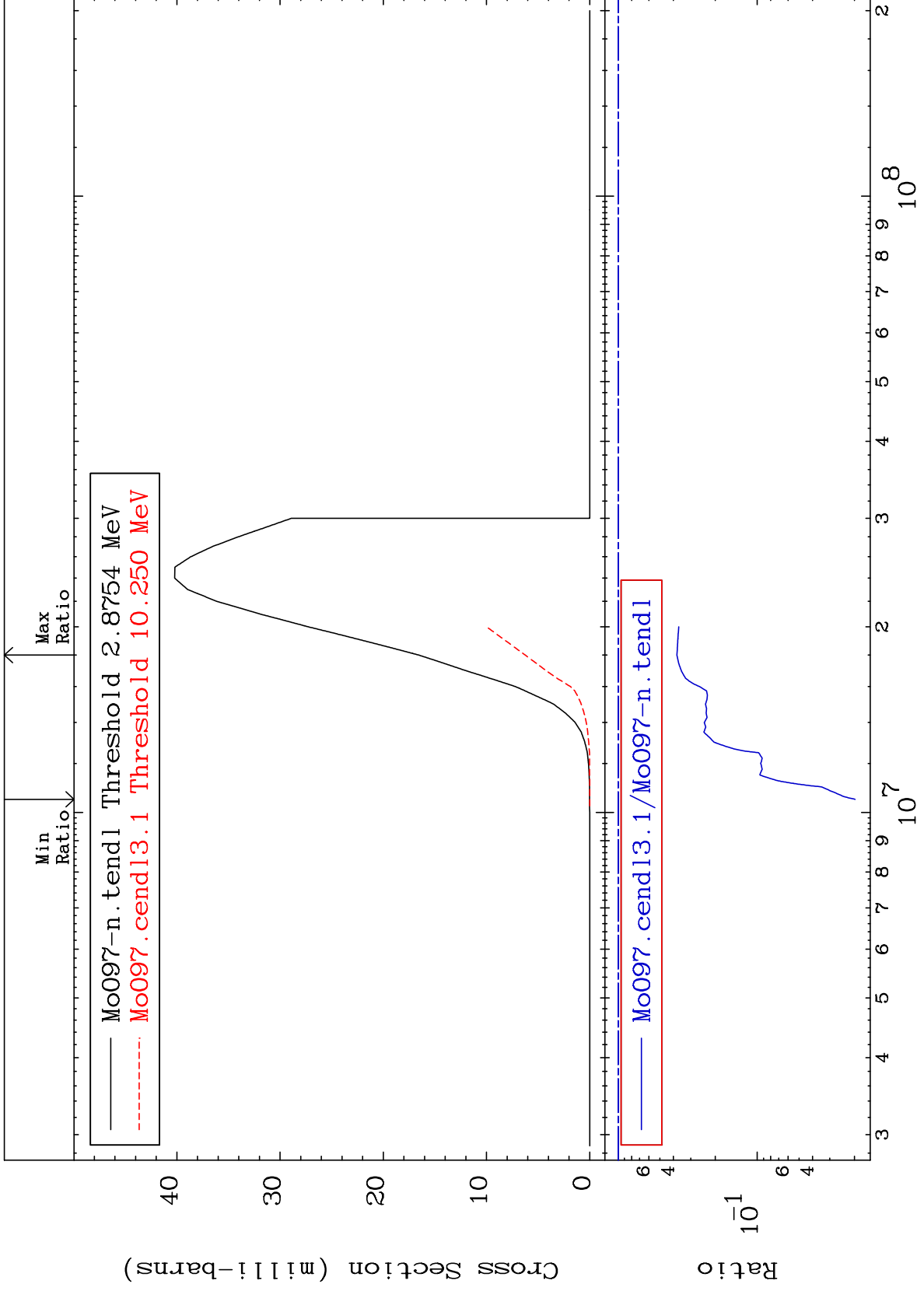
42-Mo-97
-99.09 To -53.04%



MAT 4240

(n, n') α
Cross Section

42-Mo-97
-98.02 To -62.25%



6

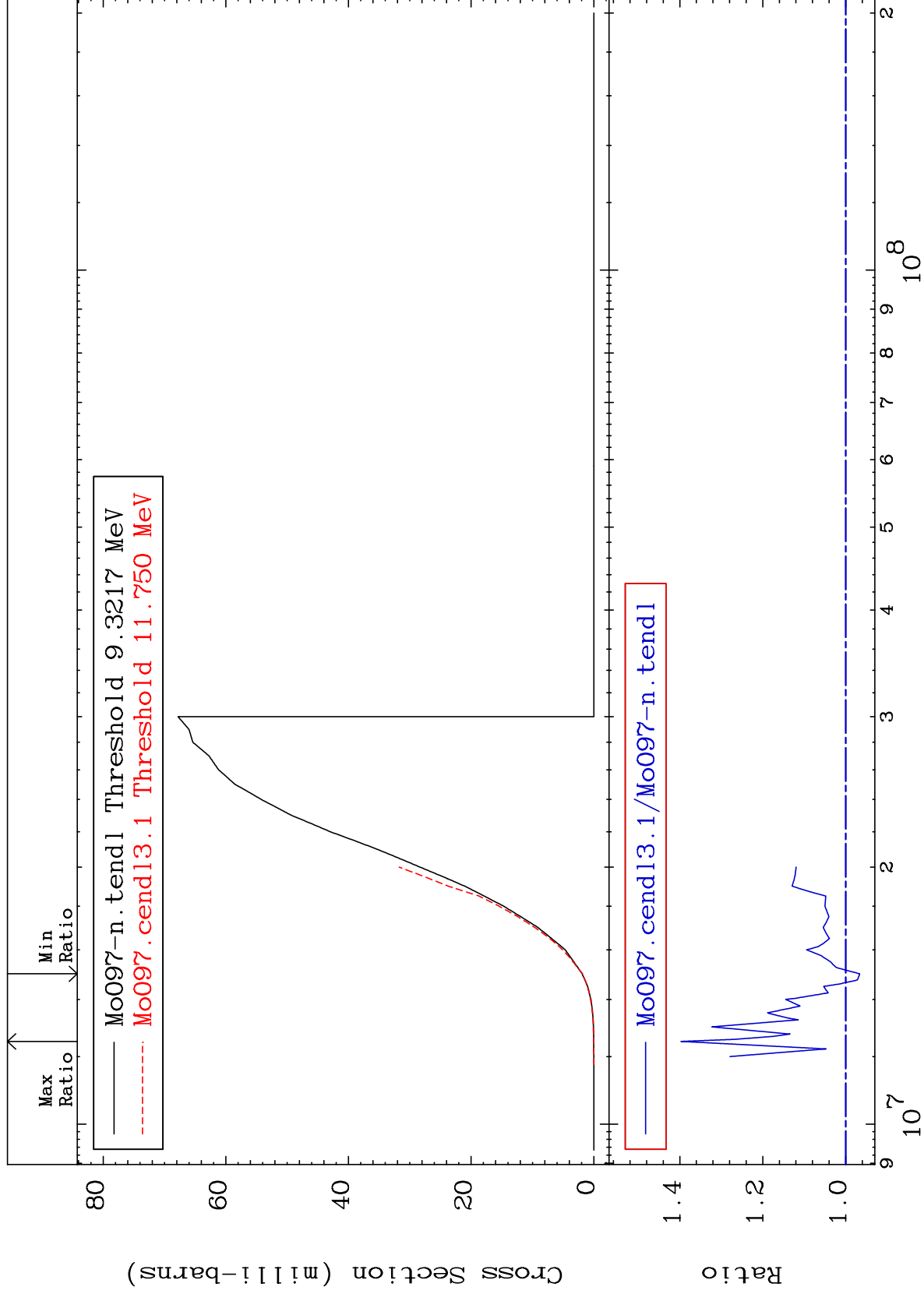
42-Mo-97

42-Mo-97

MAT 4240

(n, n') p
Cross Section

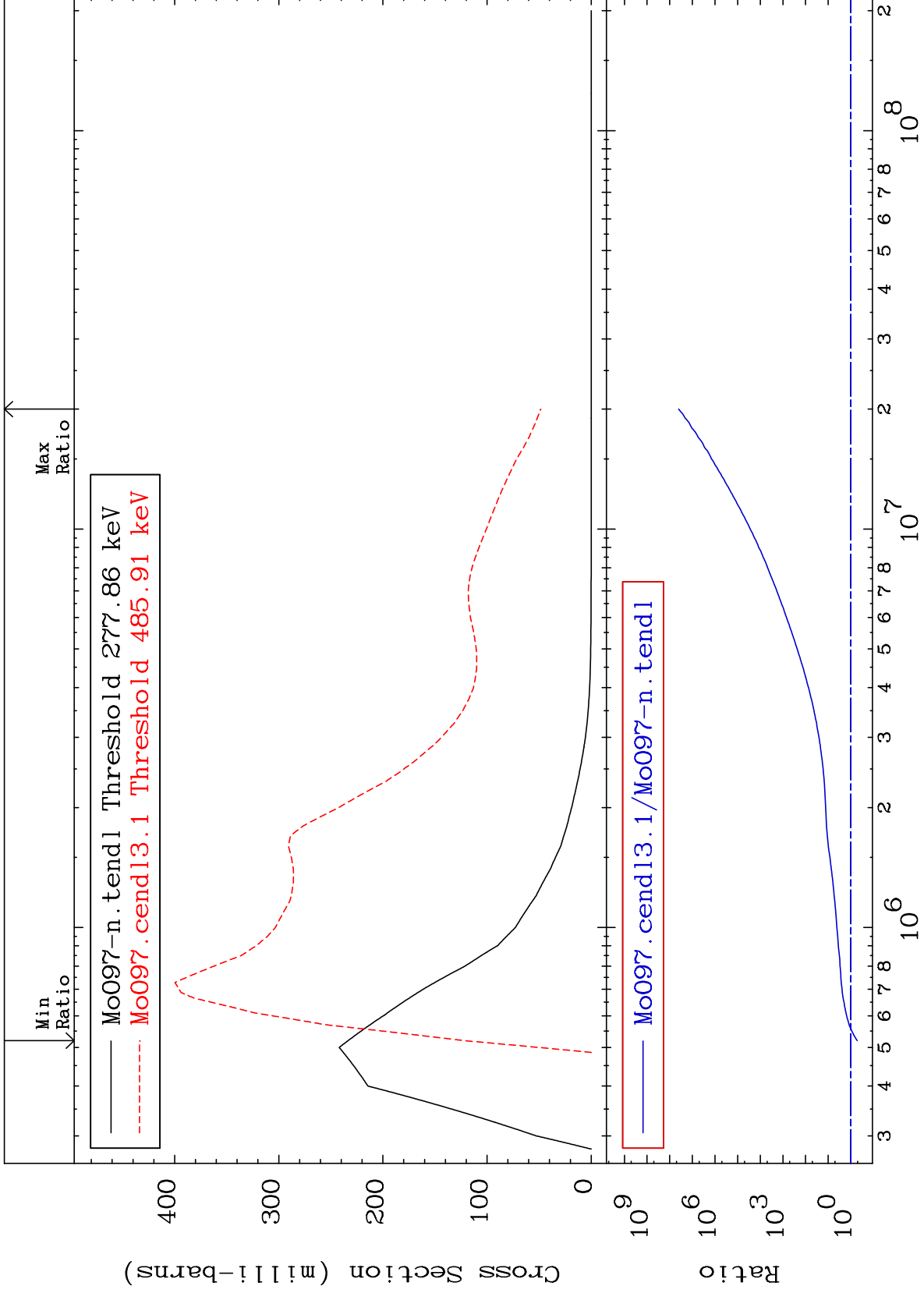
42-Mo-97
-3.363 To 39.66 %



MAT 4240

275.0 keV (n,n') Level
Cross Section

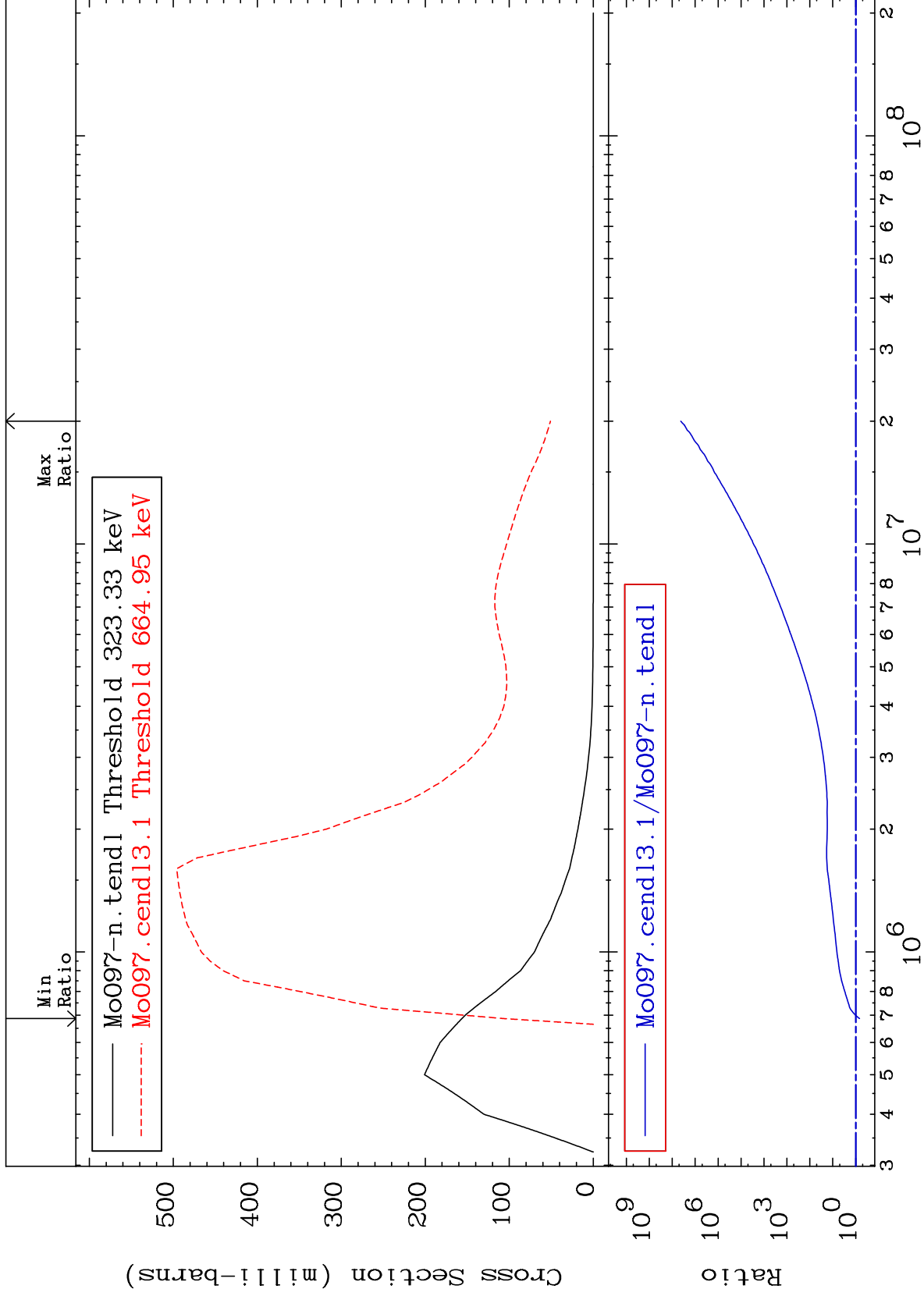
42-Mo-97
-47.89 To 9999. %



MAT 4240

320.0 keV (n,n') Level
Cross Section

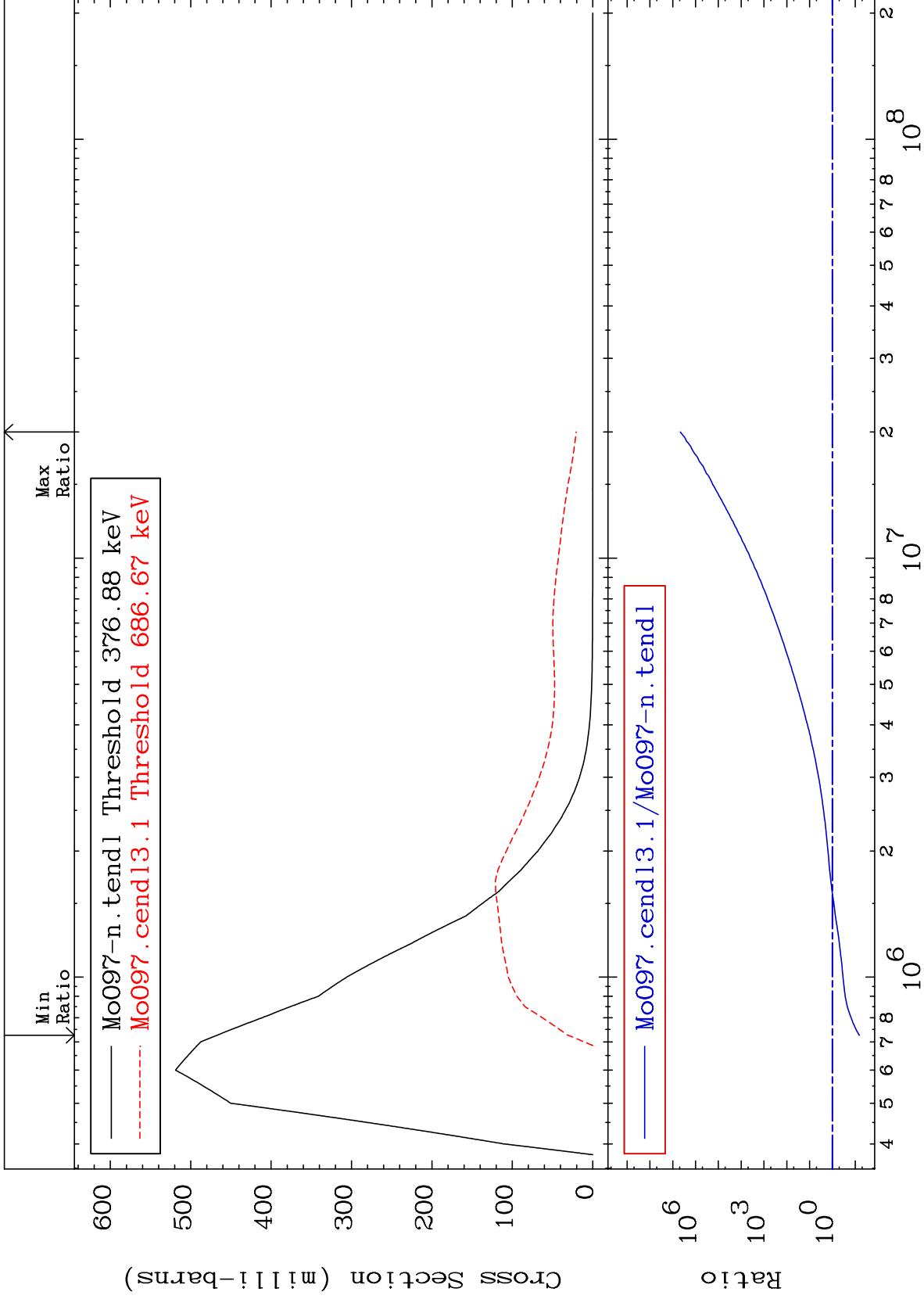
42-Mo-97
-31.85 To 9999. %



MAT 4240

373.0 keV (n,n') Level
Cross Section

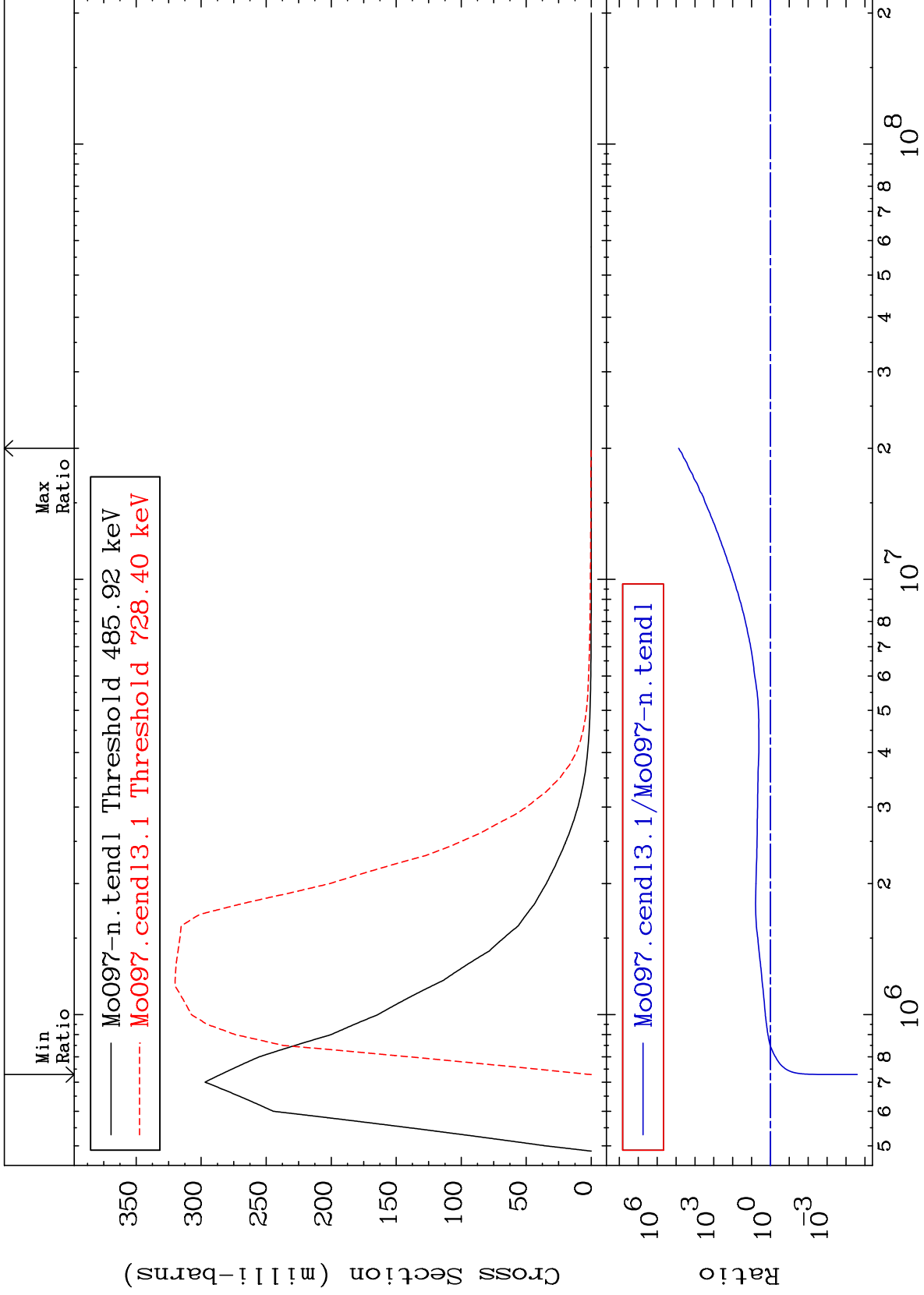
42-Mo-97
-93.45 To 9999. %



10

Incident Energy (eV)

42-Mo-97



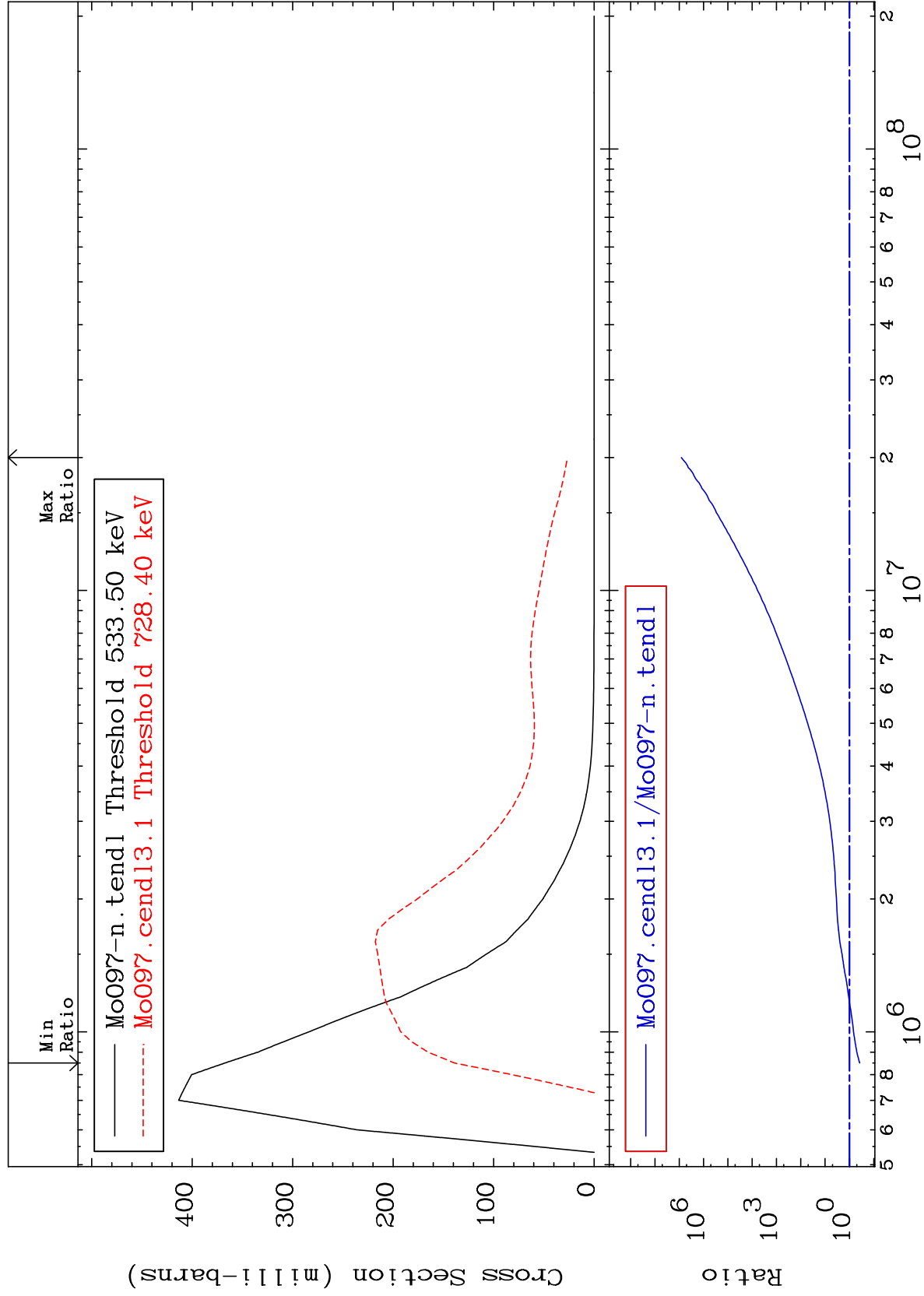
MAT 4240

528.0 keV (n,n') Level

42-Mo-97

-62.20 To 9999. %

Cross Section



12

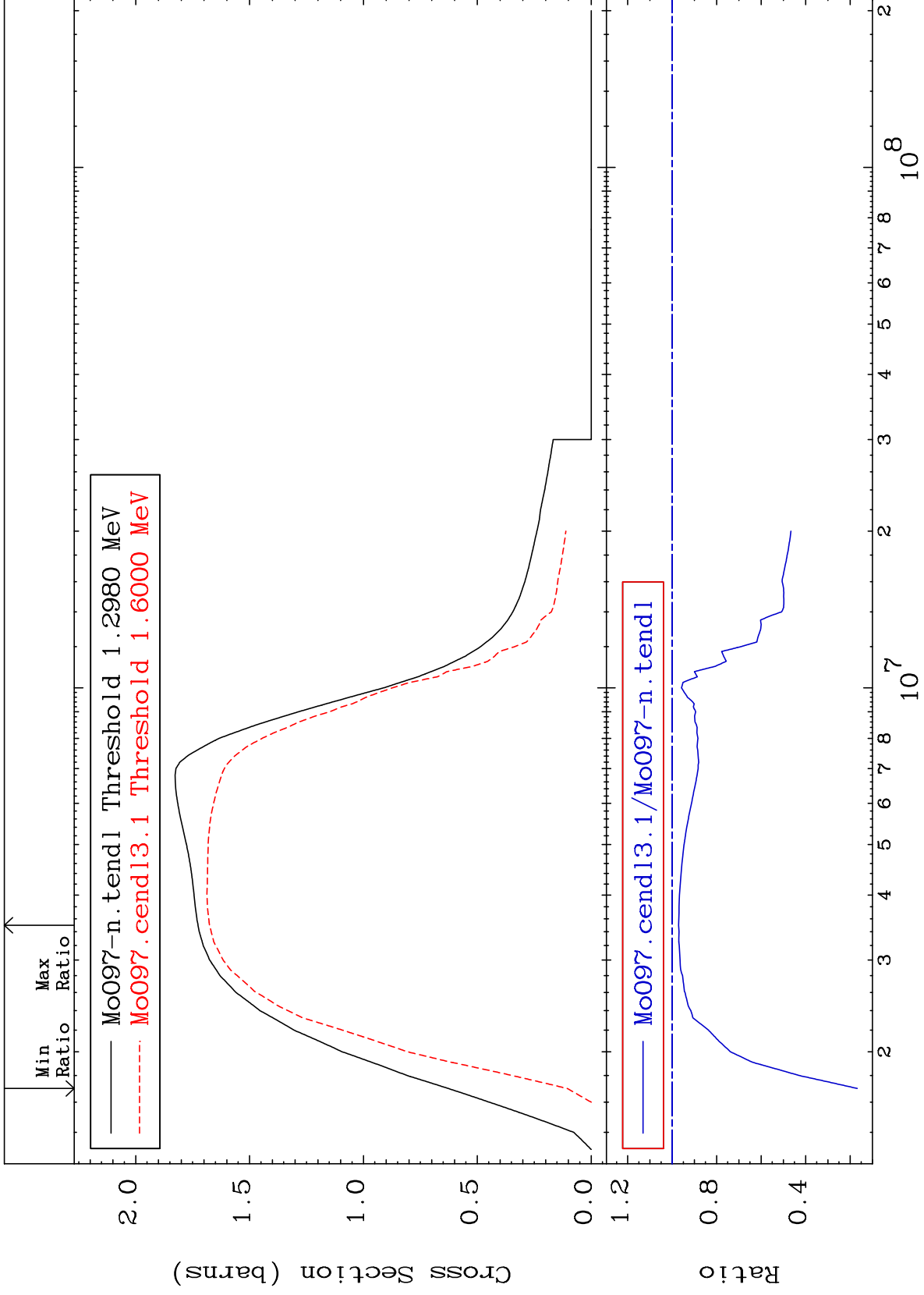
Incident Energy (eV)

42-Mo-97

MAT 4240

(n, n') Continuum
Cross Section

42-Mo-97
-83.21 To -2.914%



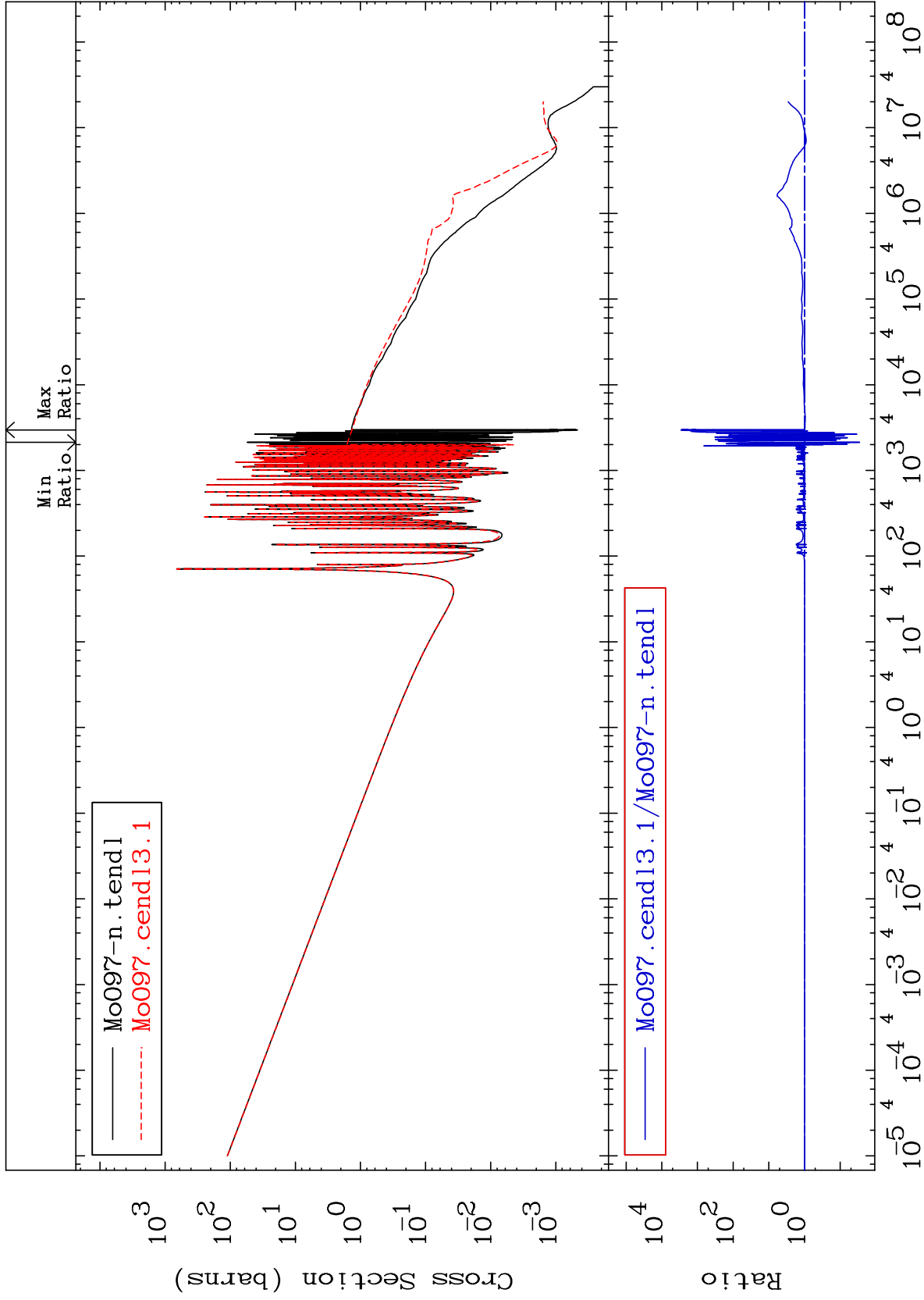
MAT 4240

(n, γ)

Cross Section

42-Mo-97

-97.14 To 9999. %



14

Incident Energy (eV)

42-Mo-97

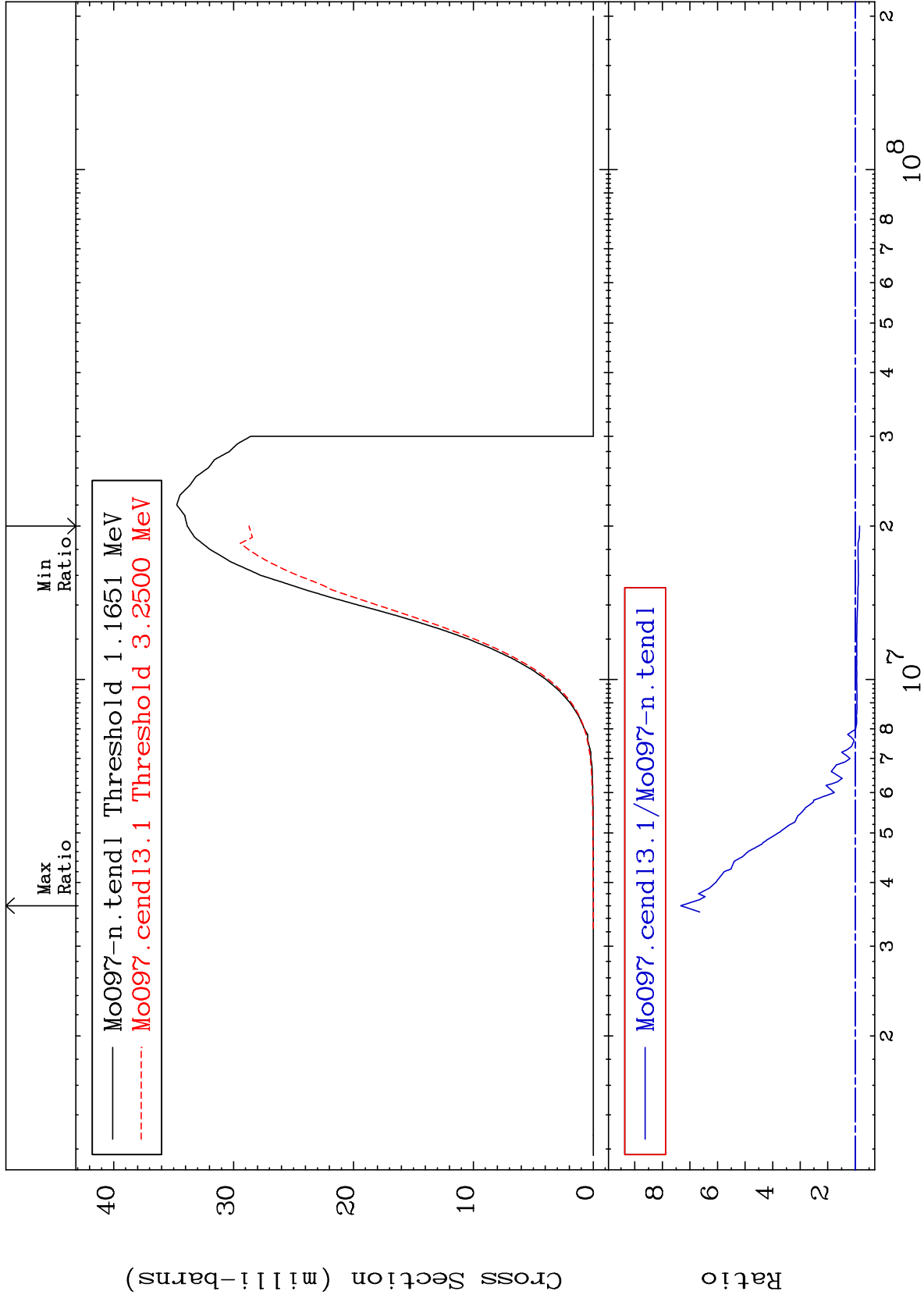
MAT 4240

(n, p)

42-Mo-97

Cross Section

-15.20 To 633.2 %



15

Incident Energy (eV)

42-Mo-97

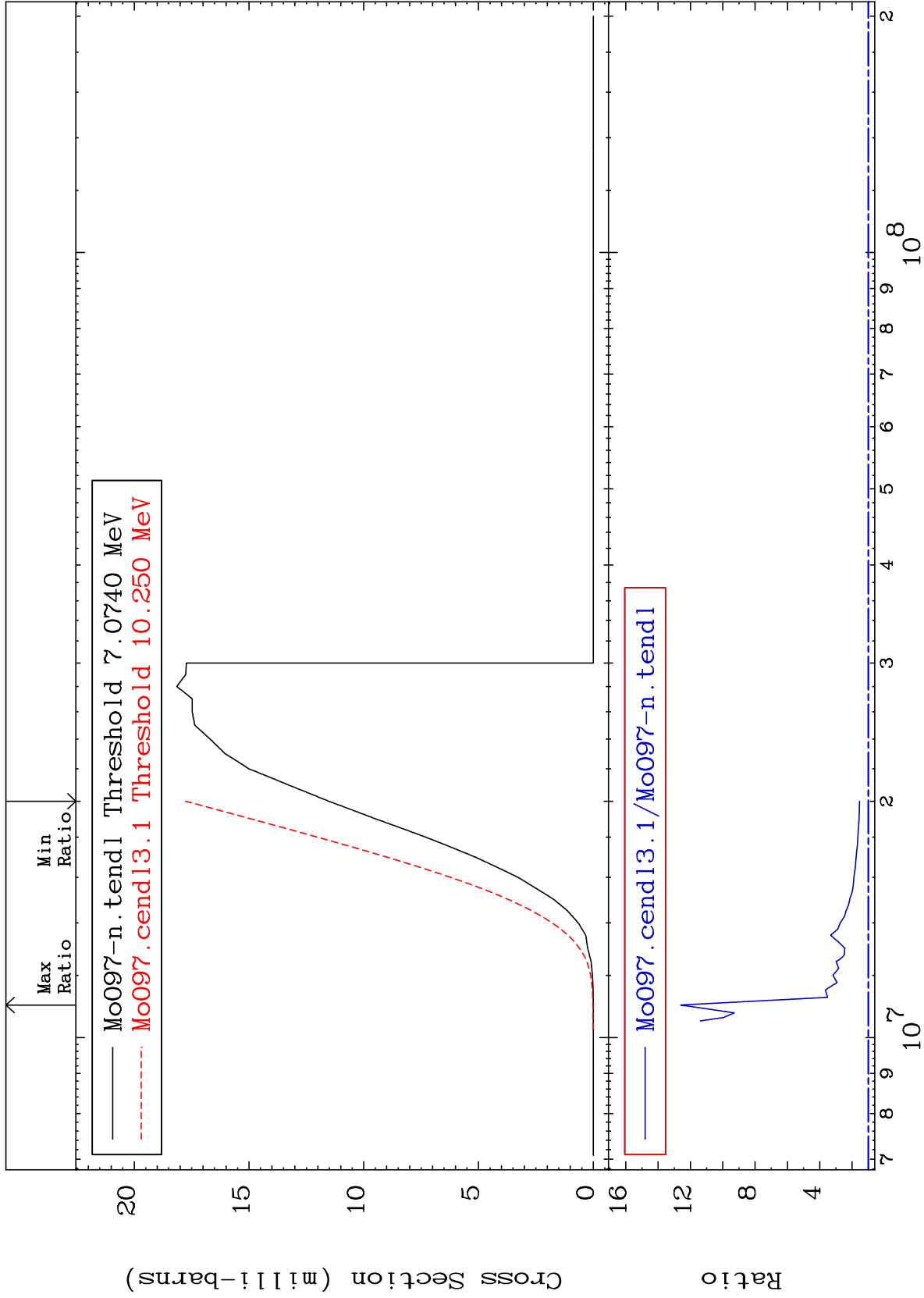
MAT 4240

(n, d)

42-Mo-97

Cross Section

54.03 To 1160. %



16

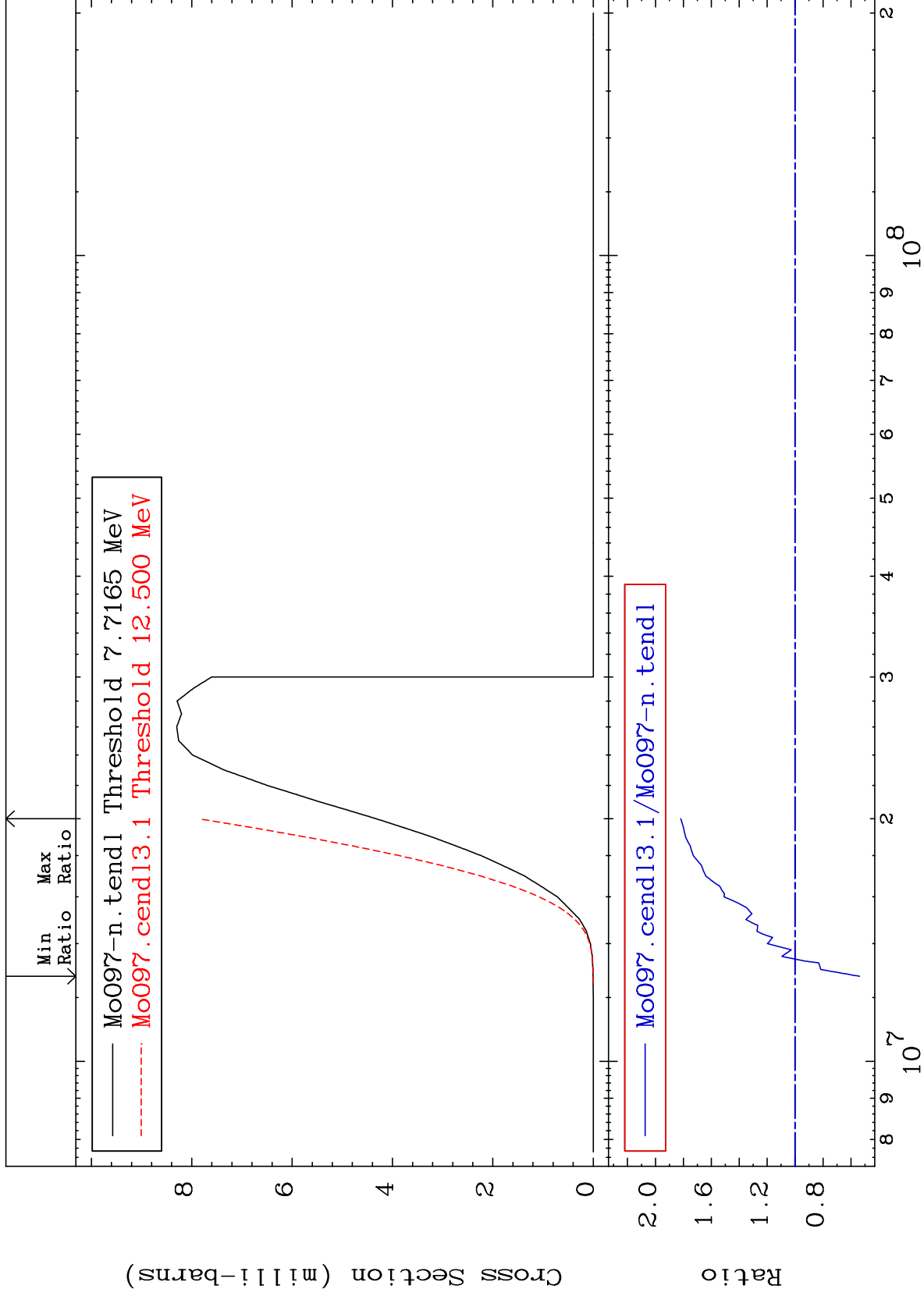
42-Mo-97

42-Mo-97

MAT 4240

(n, t)
Cross Section

42-Mo-97
-46.16 To 81.87 %



17

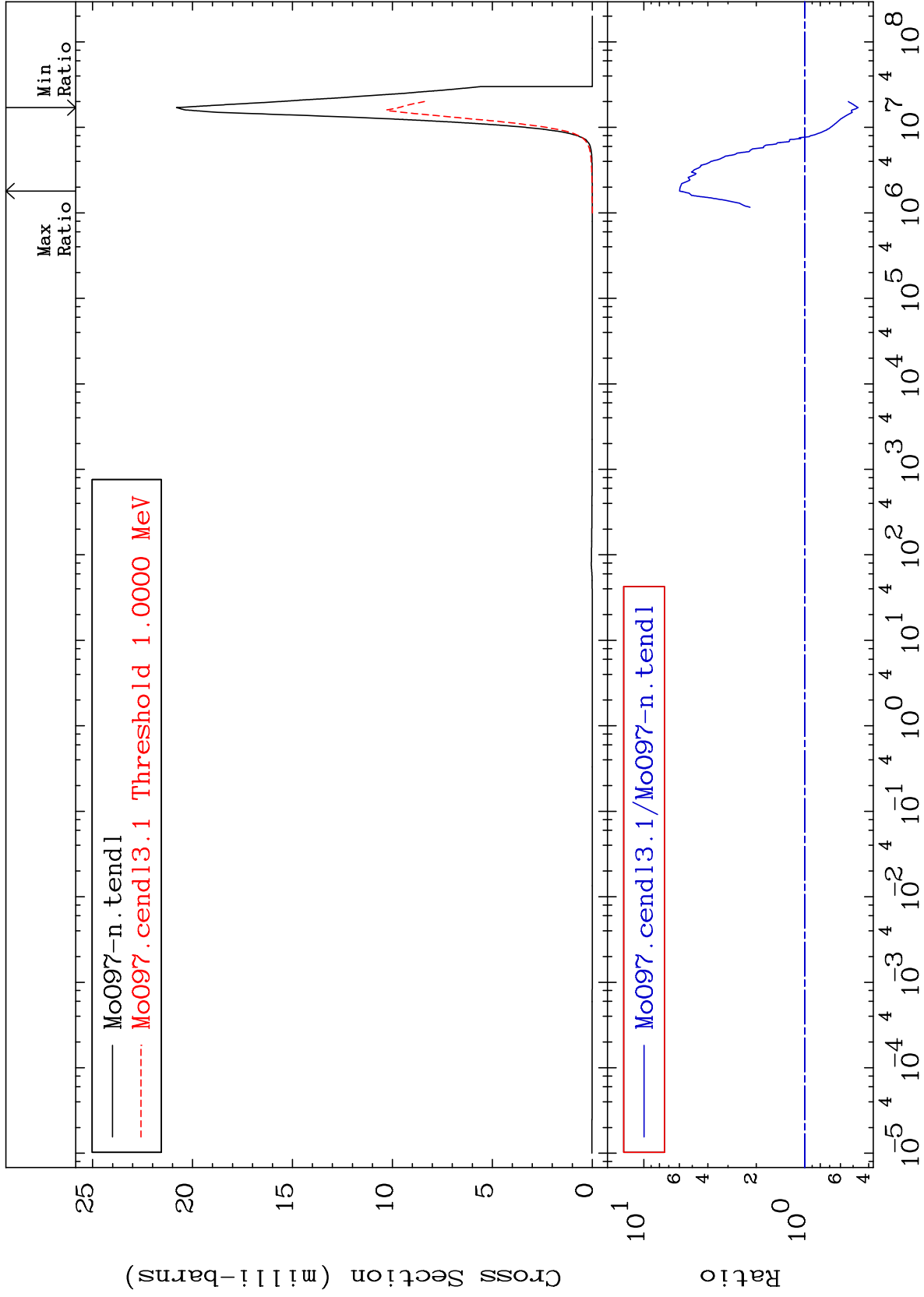
Incident Energy (eV)

42-Mo-97

MAT 4240

(n, α)
Cross Section

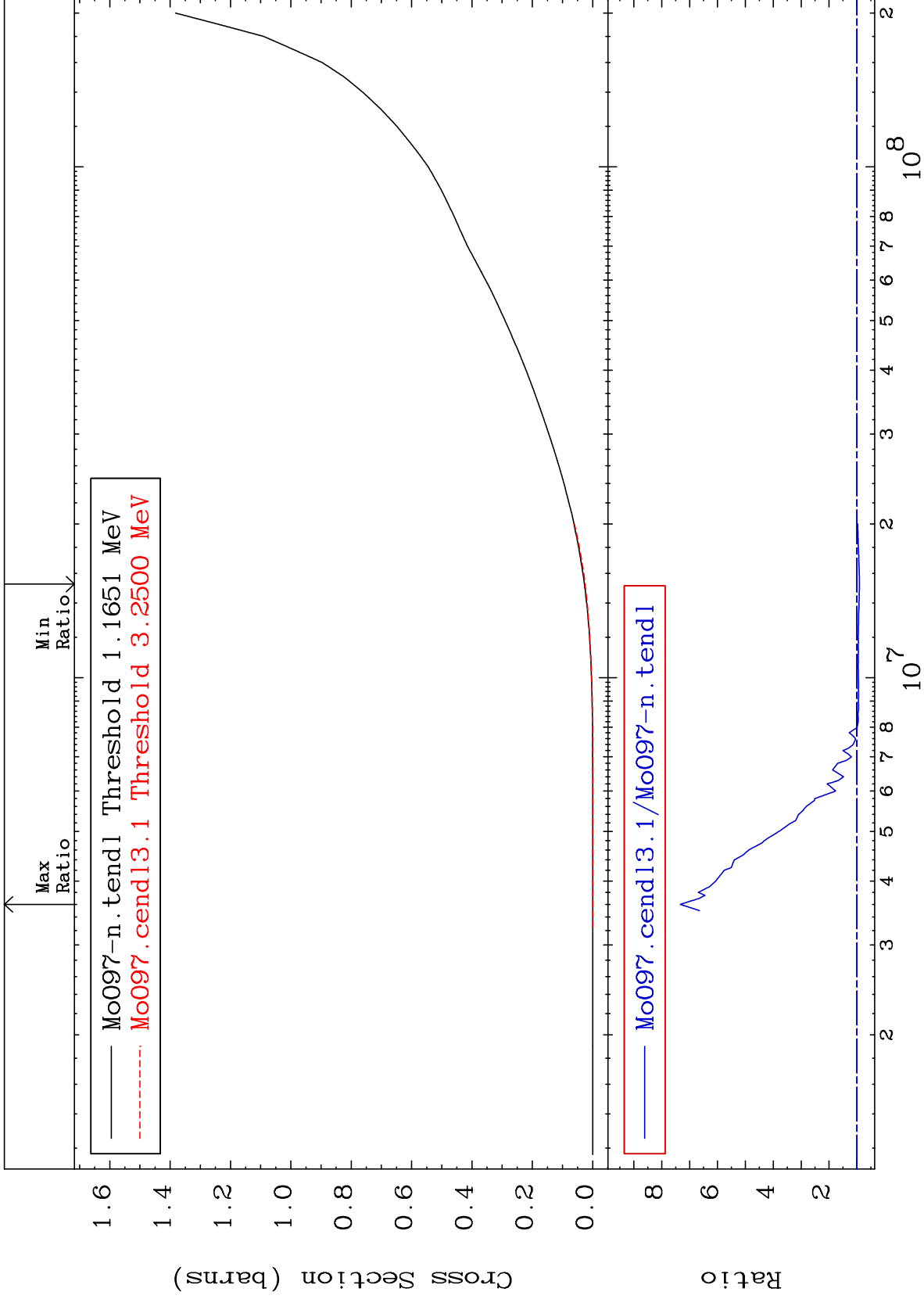
42-Mo-97
-53.42 To 498.7 %



18

Incident Energy (eV)

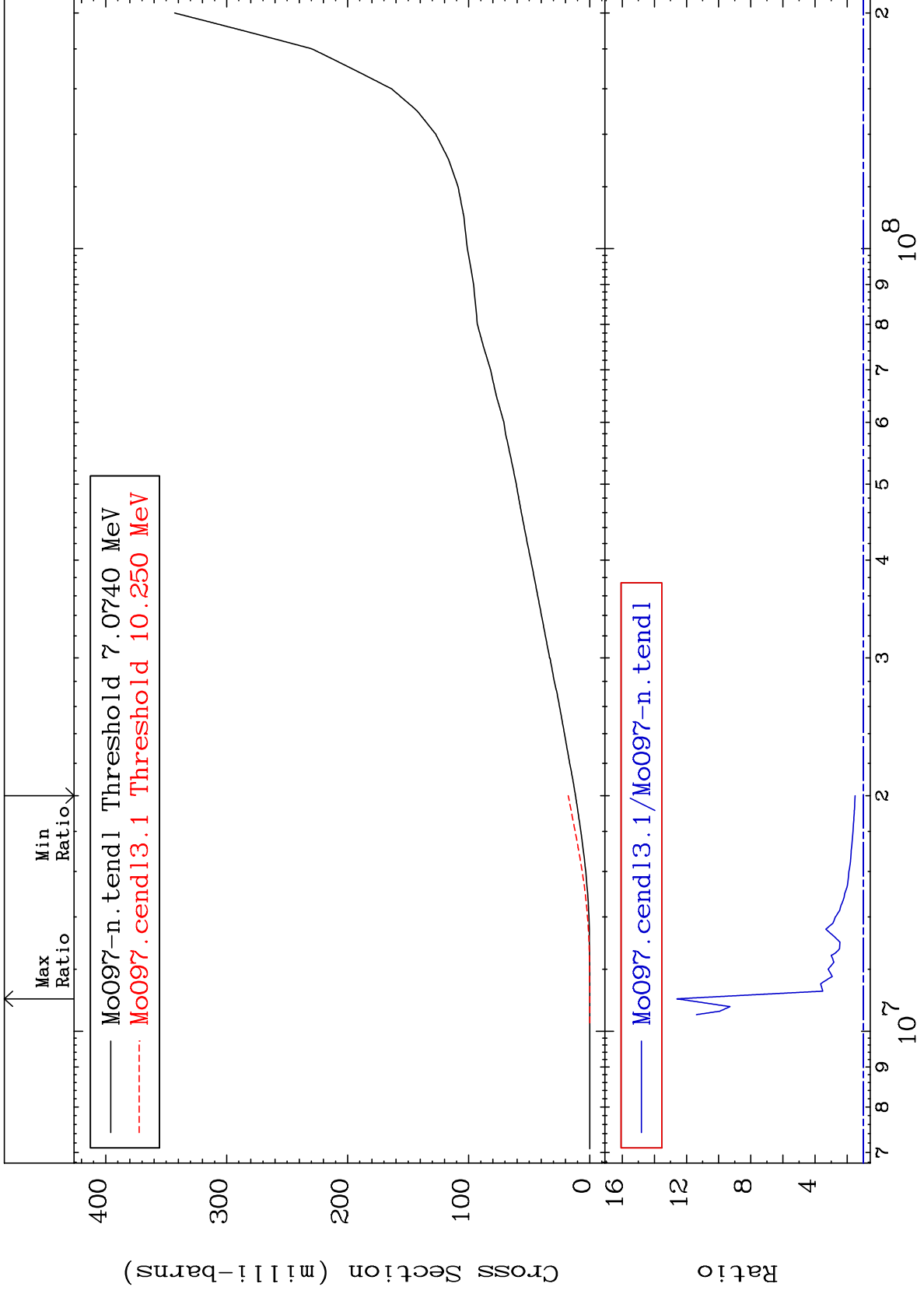
42-Mo-97



MAT 4240

Deuterium Production
Cross Section

42-Mo-97
50.99 To 1160. %



20

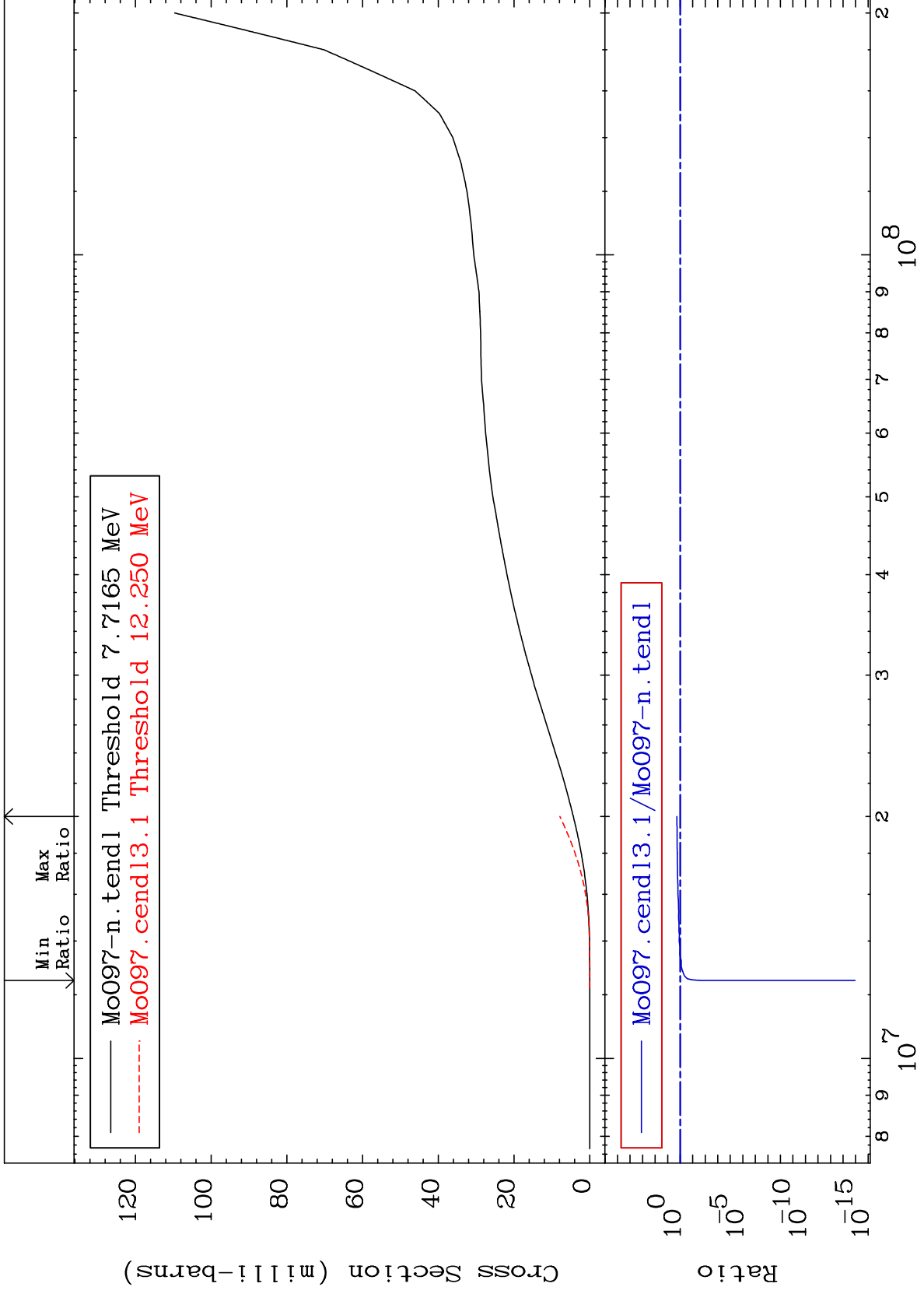
Incident Energy (eV)

42-Mo-97

MAT 4240

Tritium Production
Cross Section

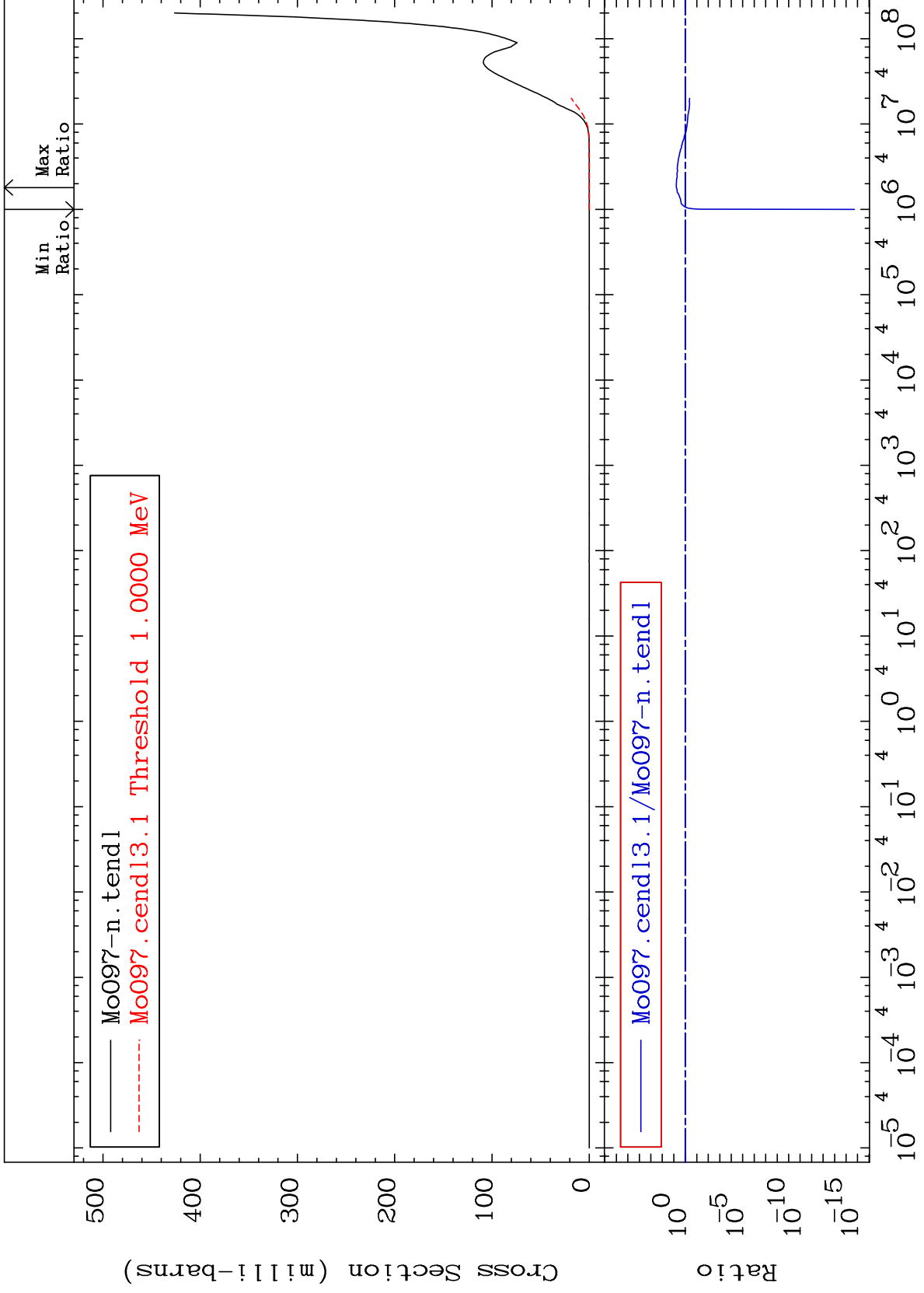
42-Mo-97
-100.0 To 81.85 %



MAT 4240

He-4 Production
Cross Section

42-Mo-97
-100.0 To 498.7 %



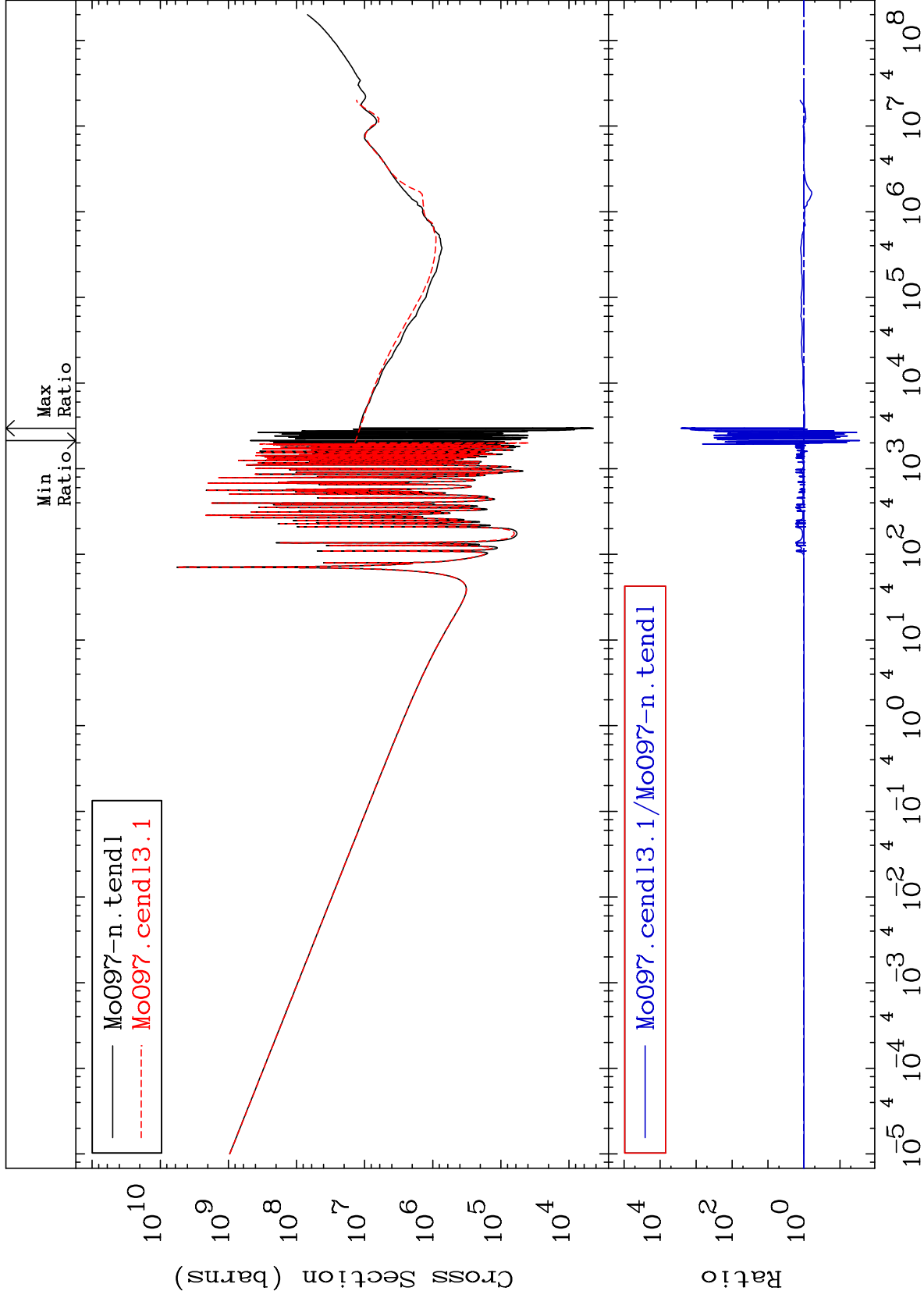
Incident Energy (eV)

22

42-Mo-97

Cross Section

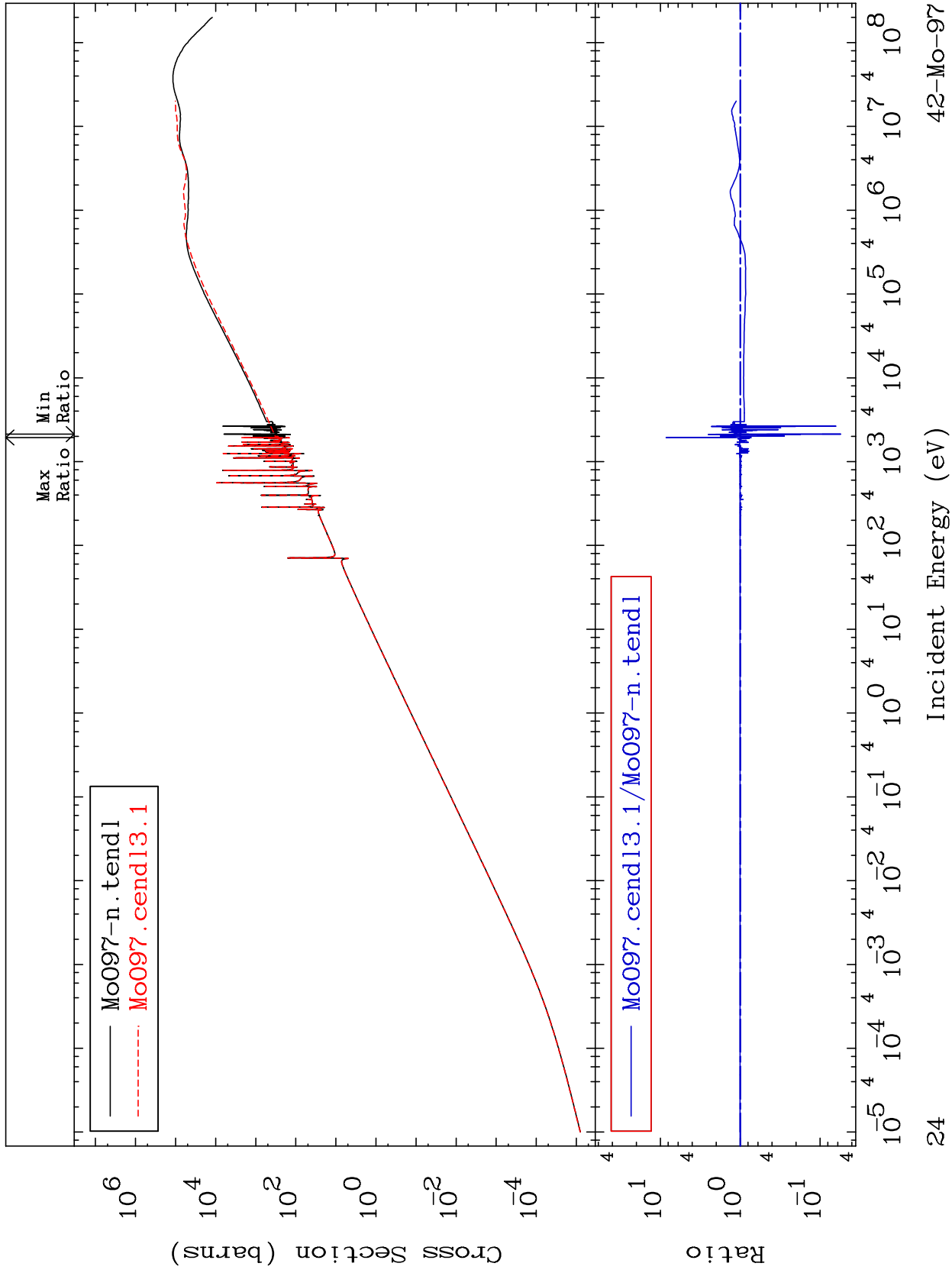
-97.14 To 9999. %

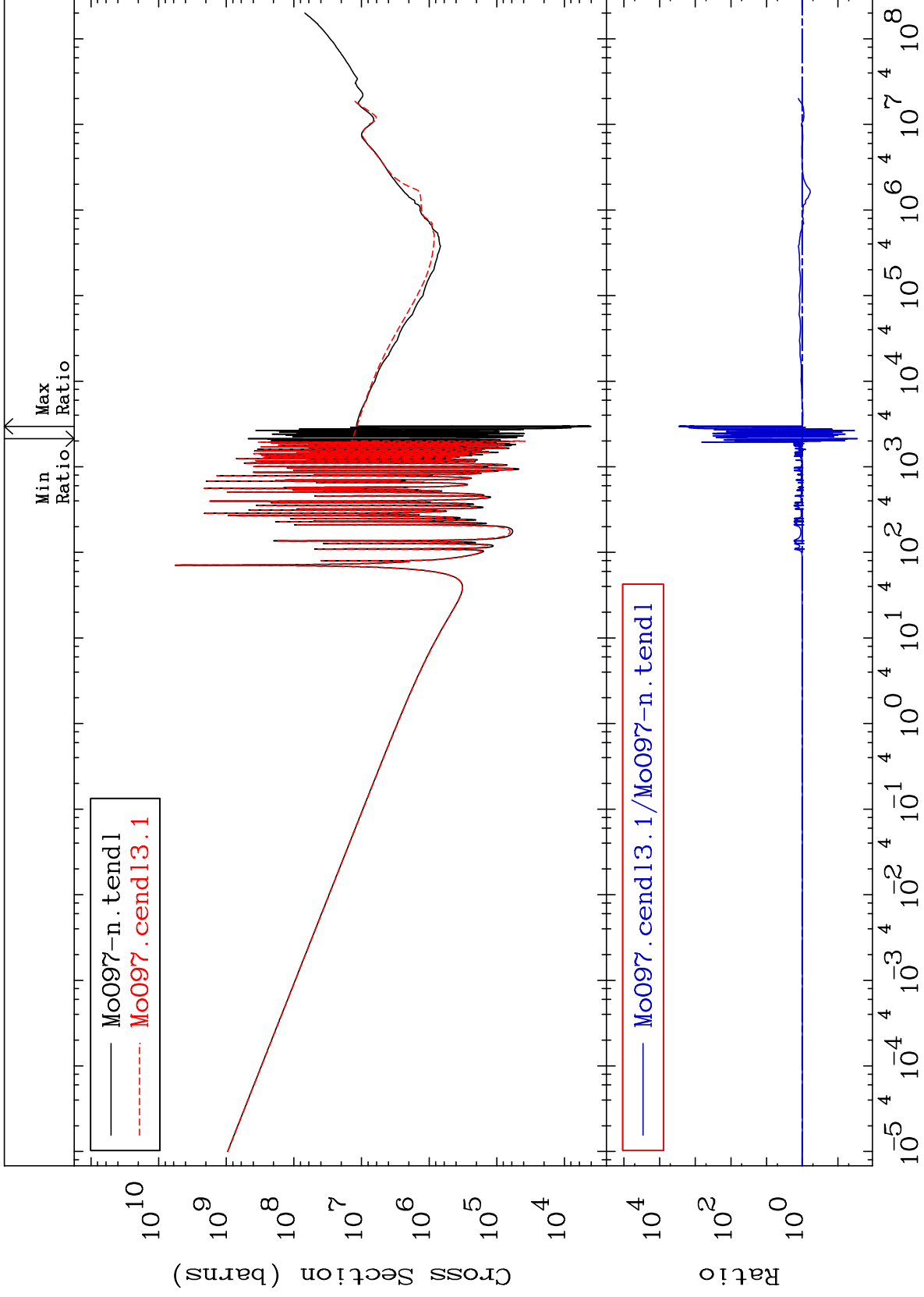


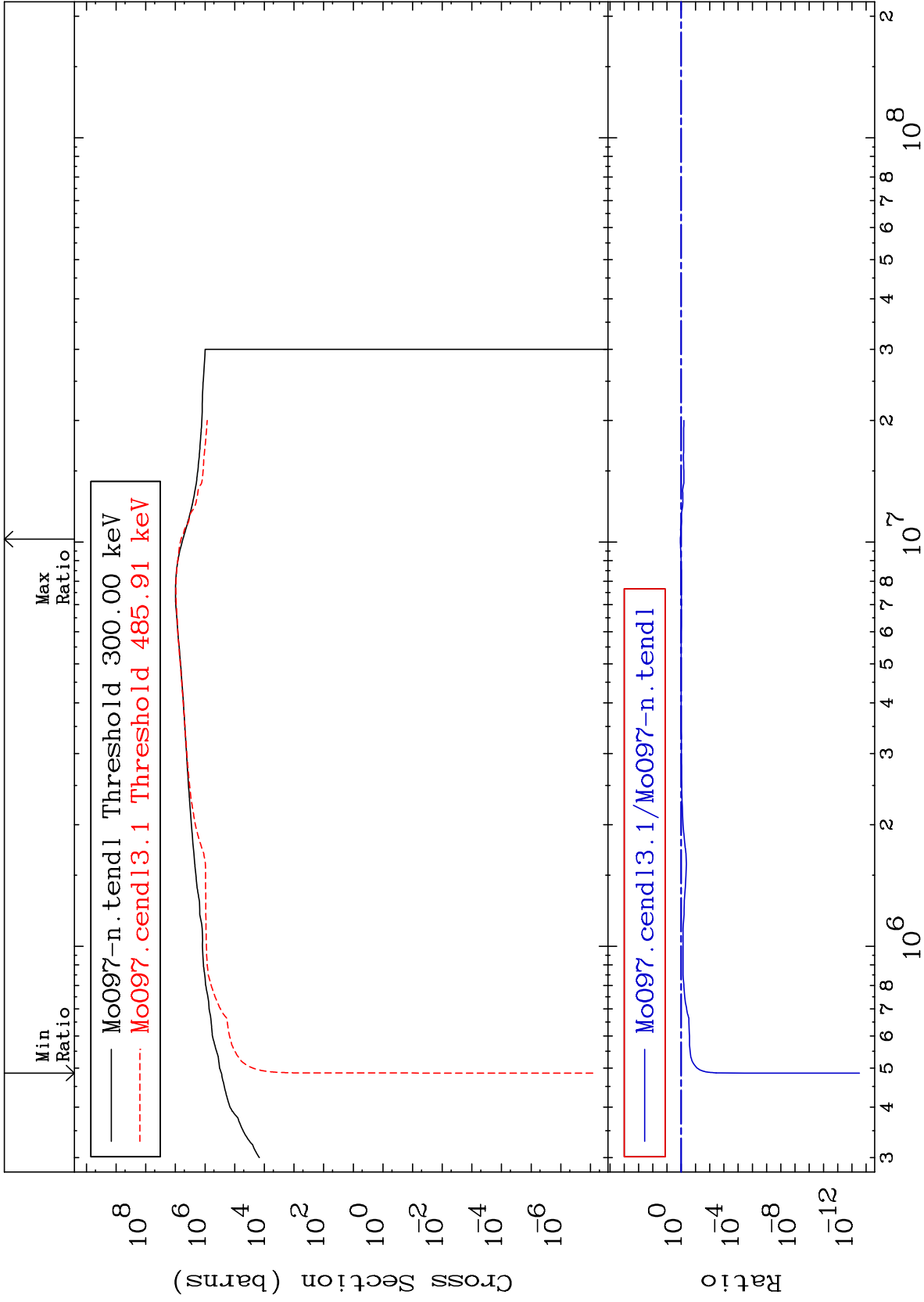
MAT 4240

Kerma elastic
Cross Section

42-Mo-97
-94.50 To 752.7 %



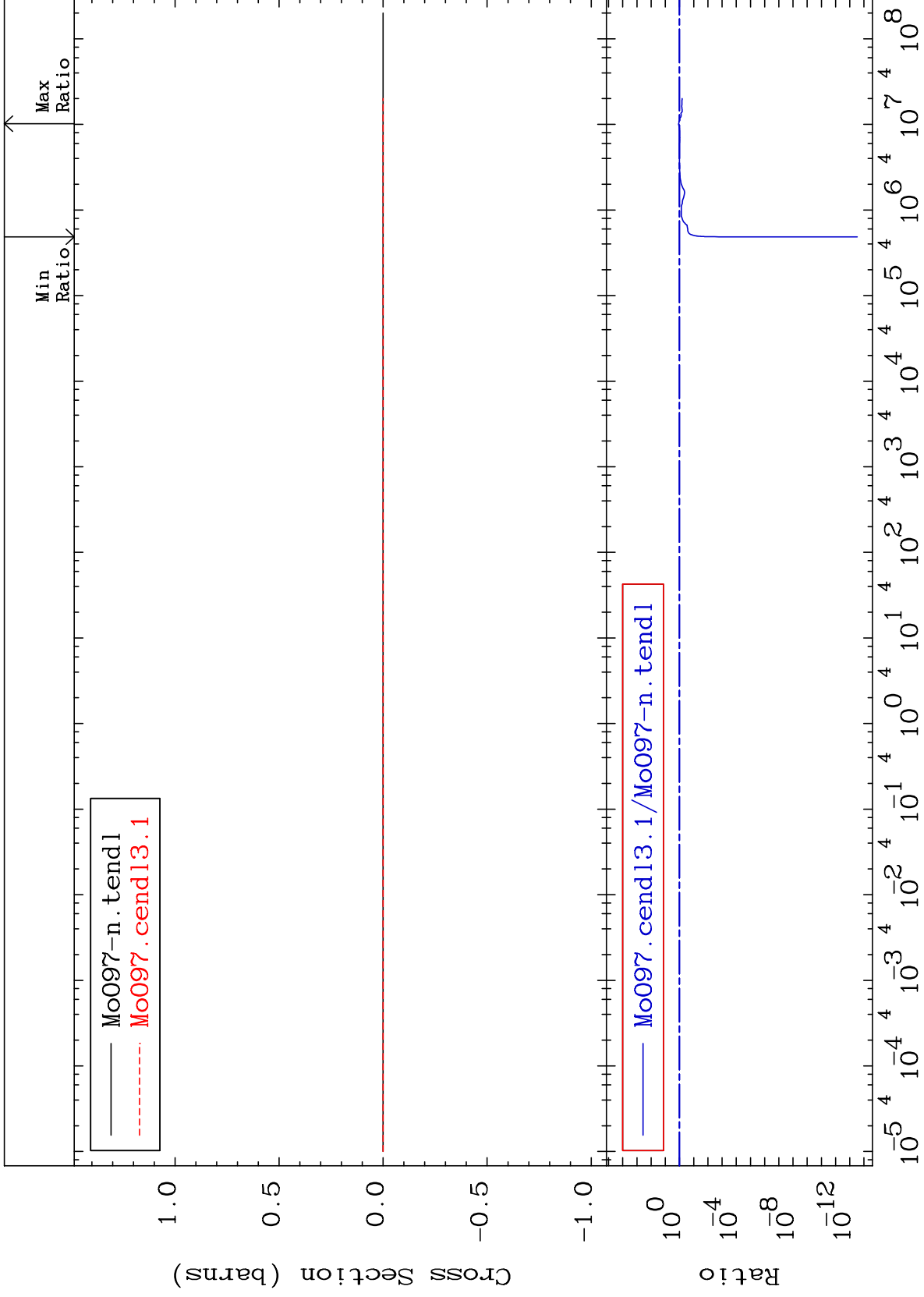


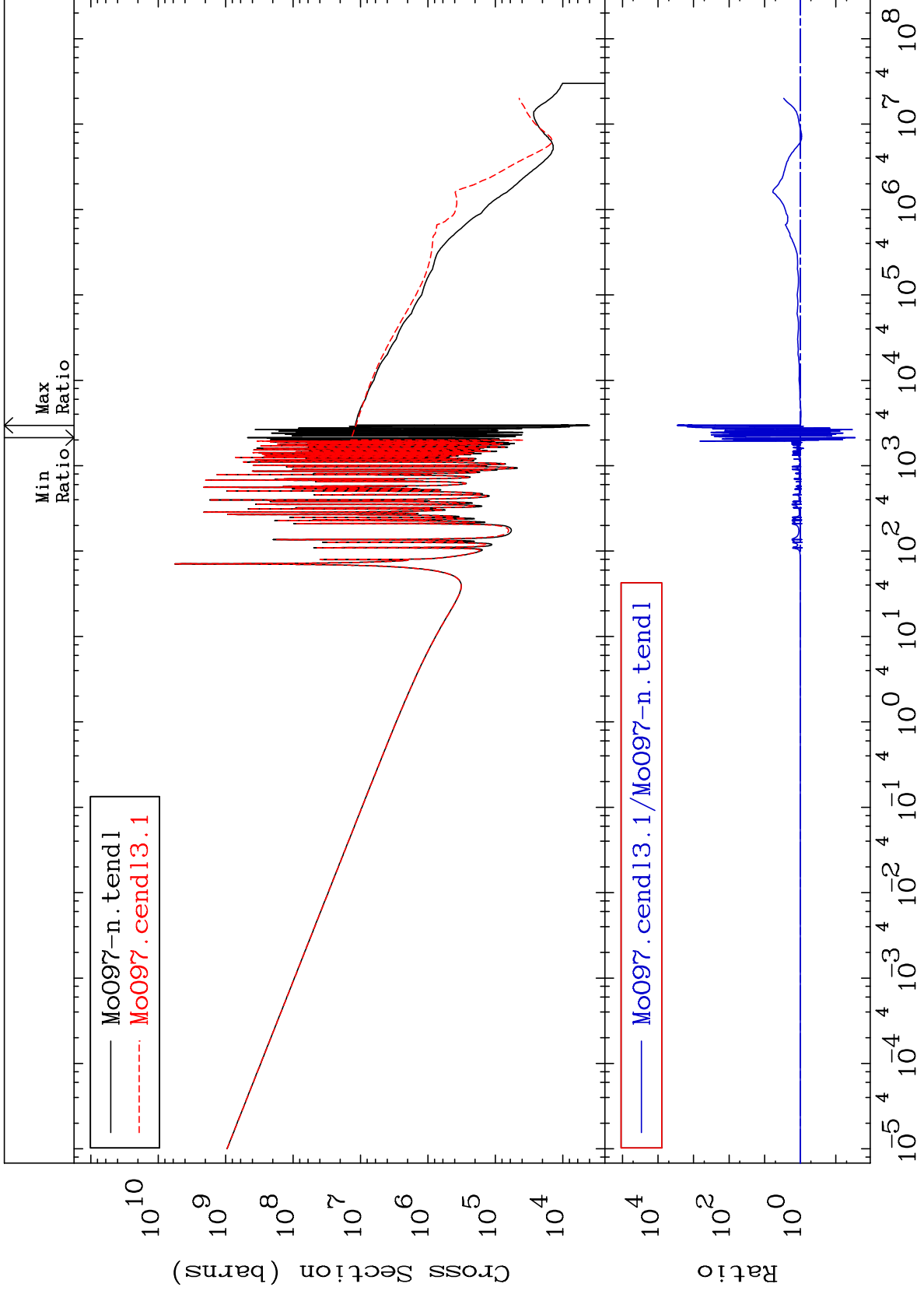


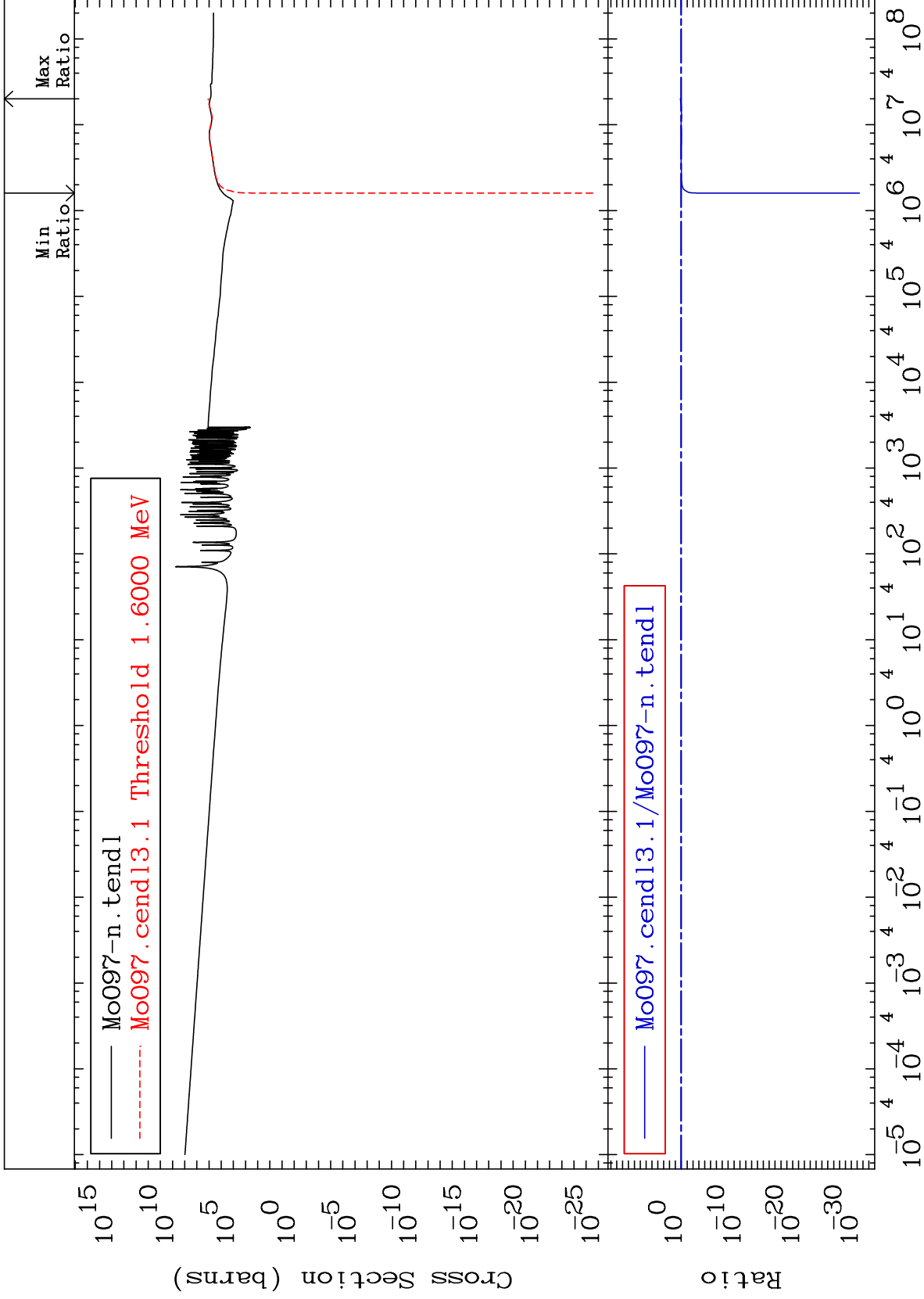
MAT 4240

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

42-Mo-97
-100.0 To 14.96 %



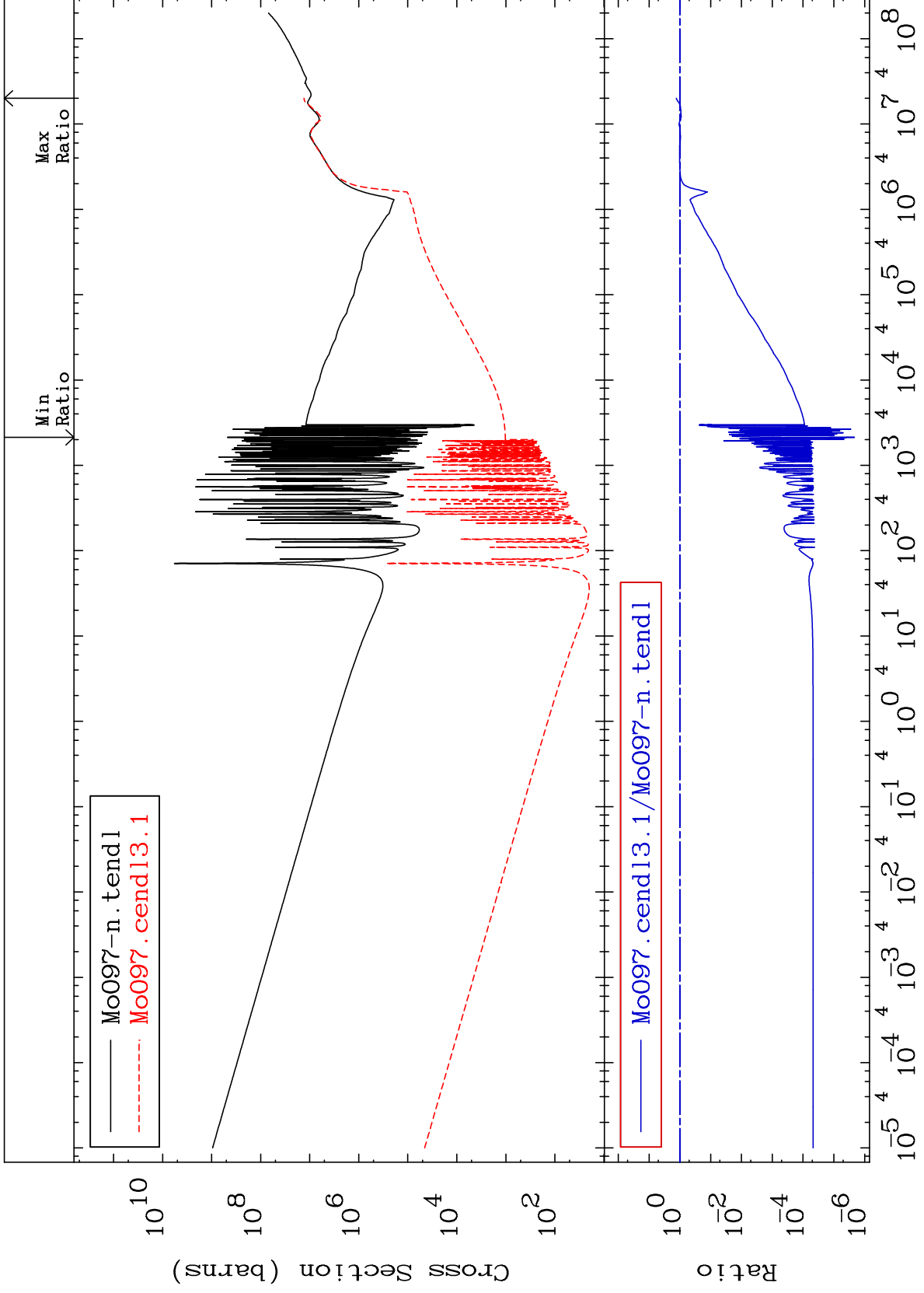




MAT 4240

Total kinematic kerma (high limit)
Cross Section

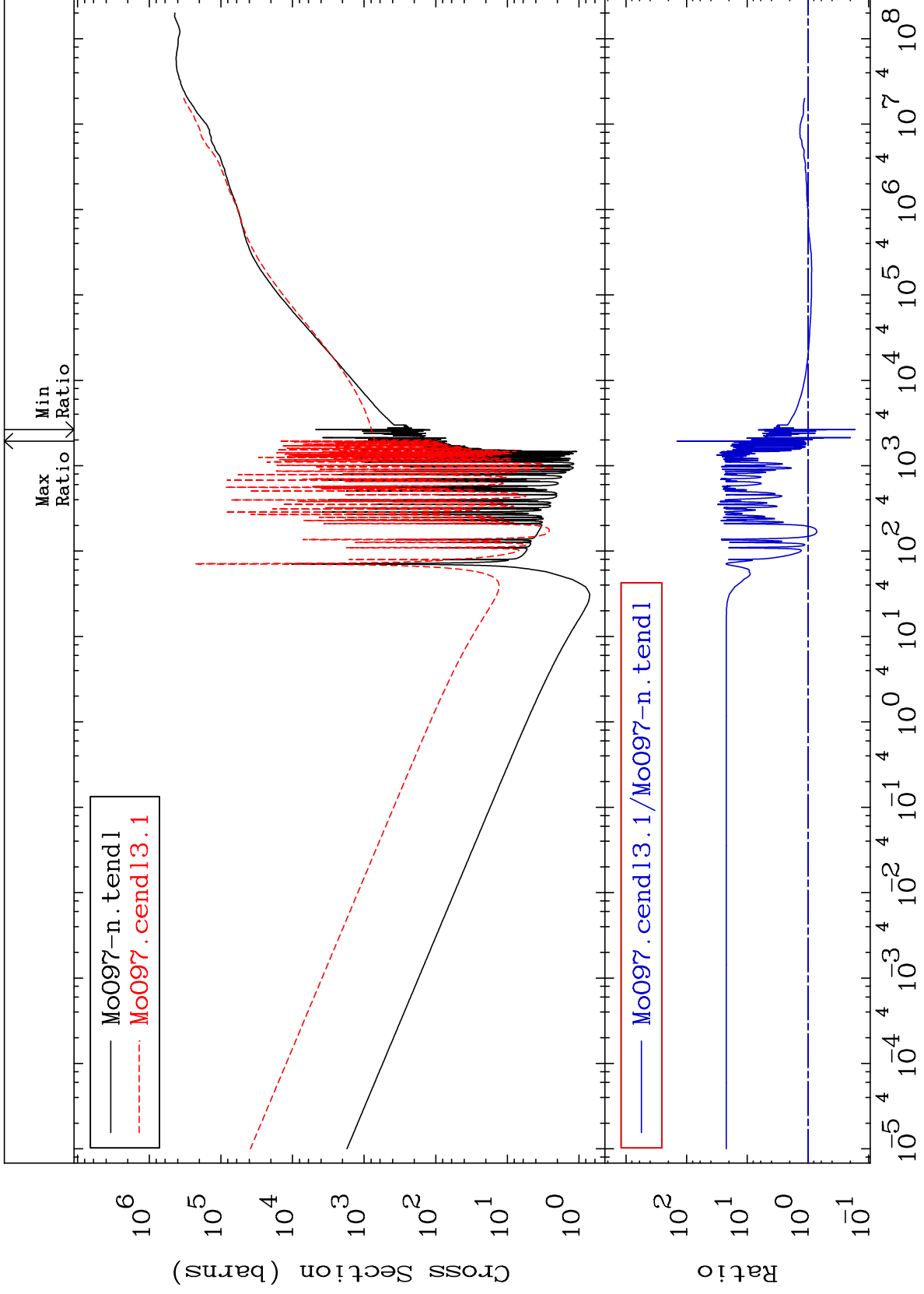
42-Mo-97
-100.0 To 29.96 %



30

Incident Energy (eV)

42-Mo-97



MAT 4240

Dpa elastic (mt2)
Cross Section

42-Mo-97
-94.53 To 1426. %

