

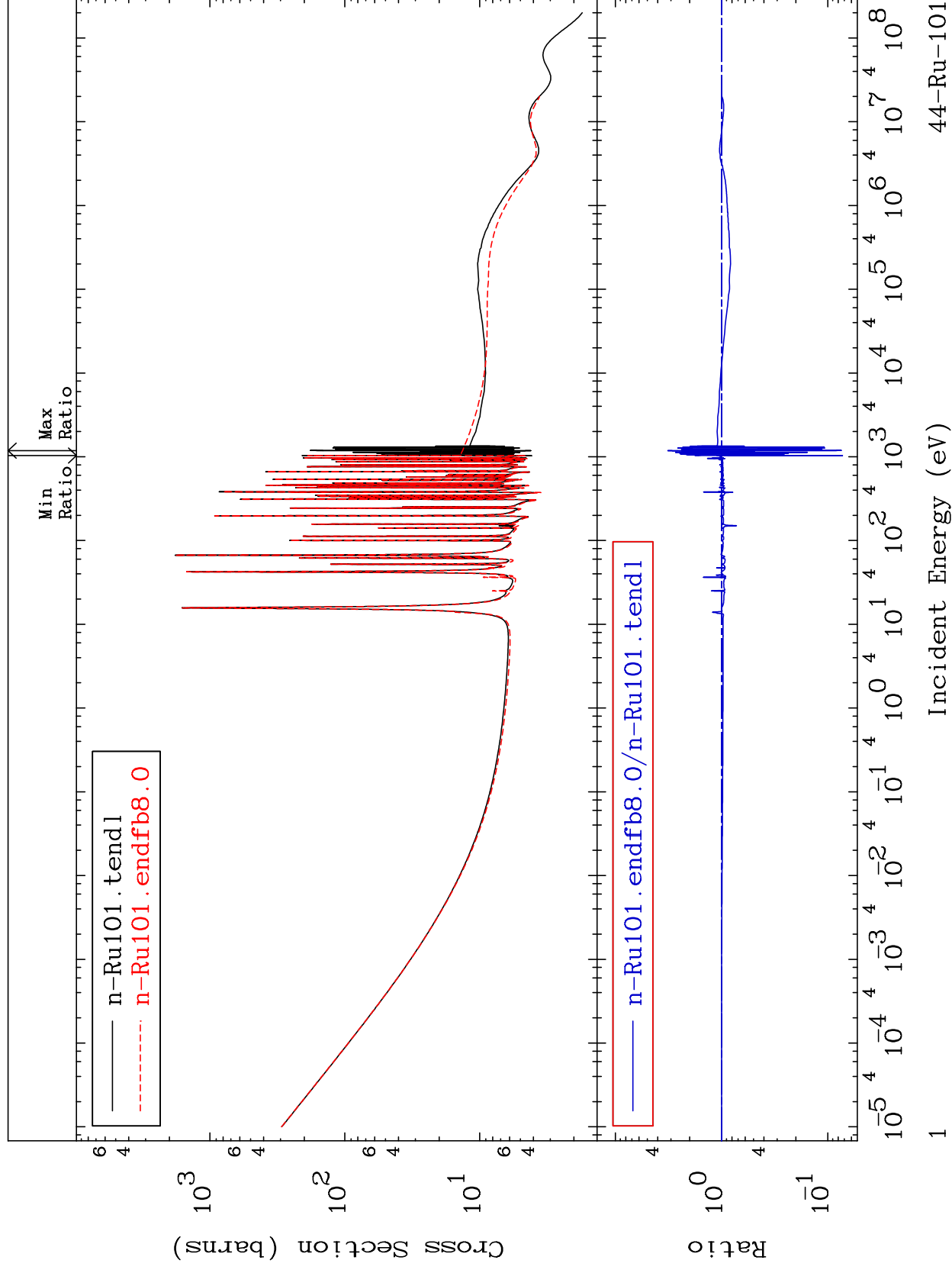
MAT 4440

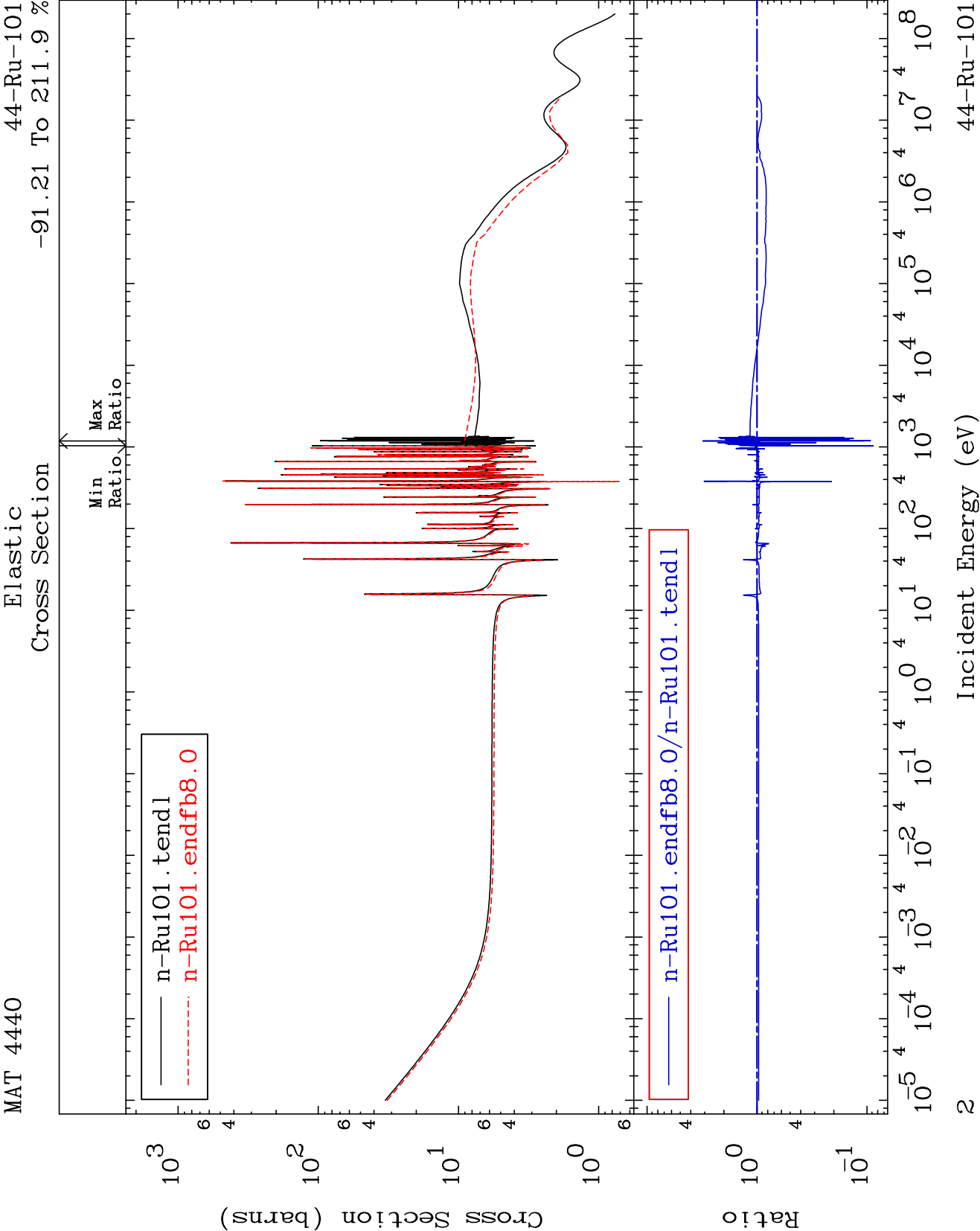
Total

44-Ru-101

Cross Section

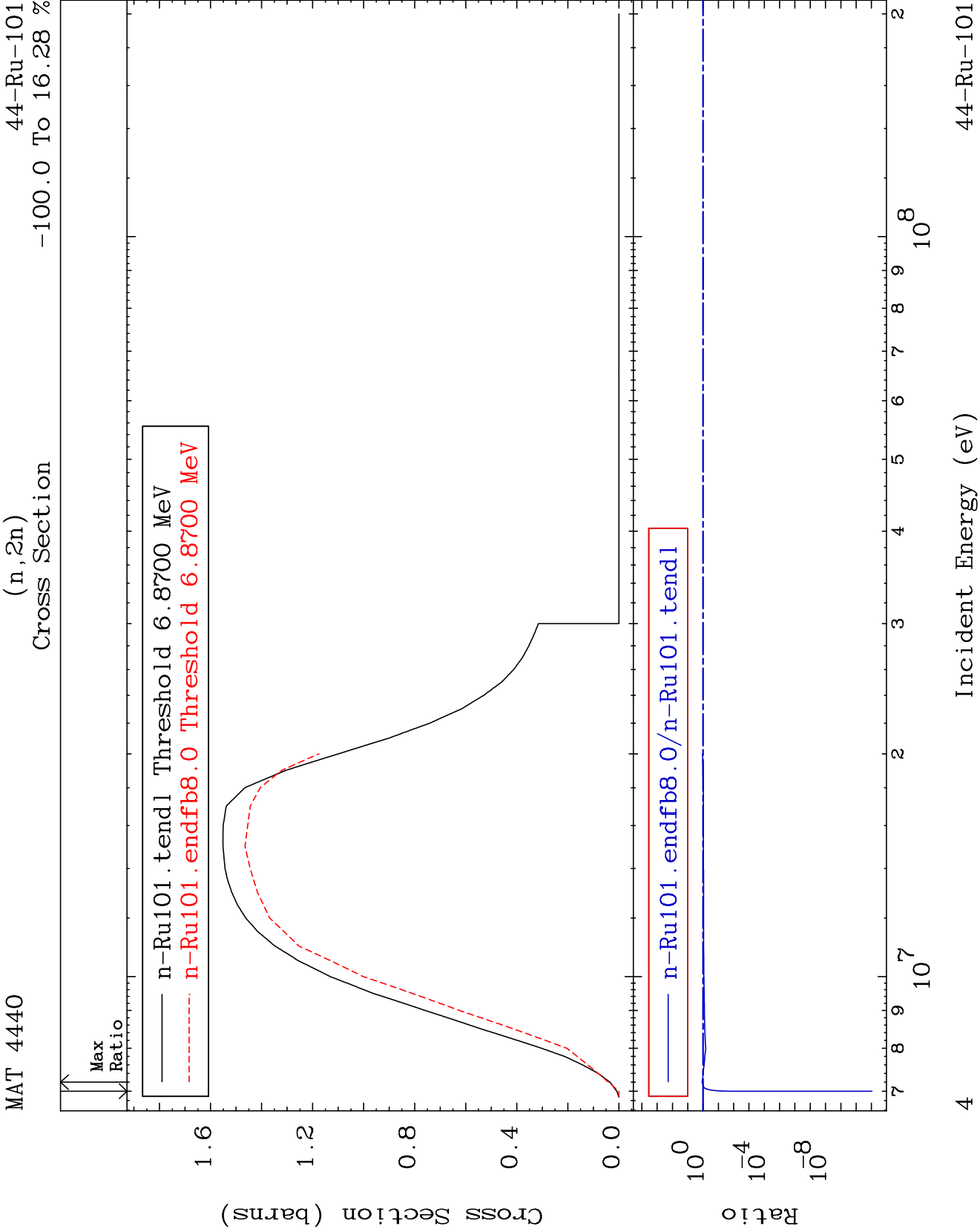
-92.71 To 221.7 %

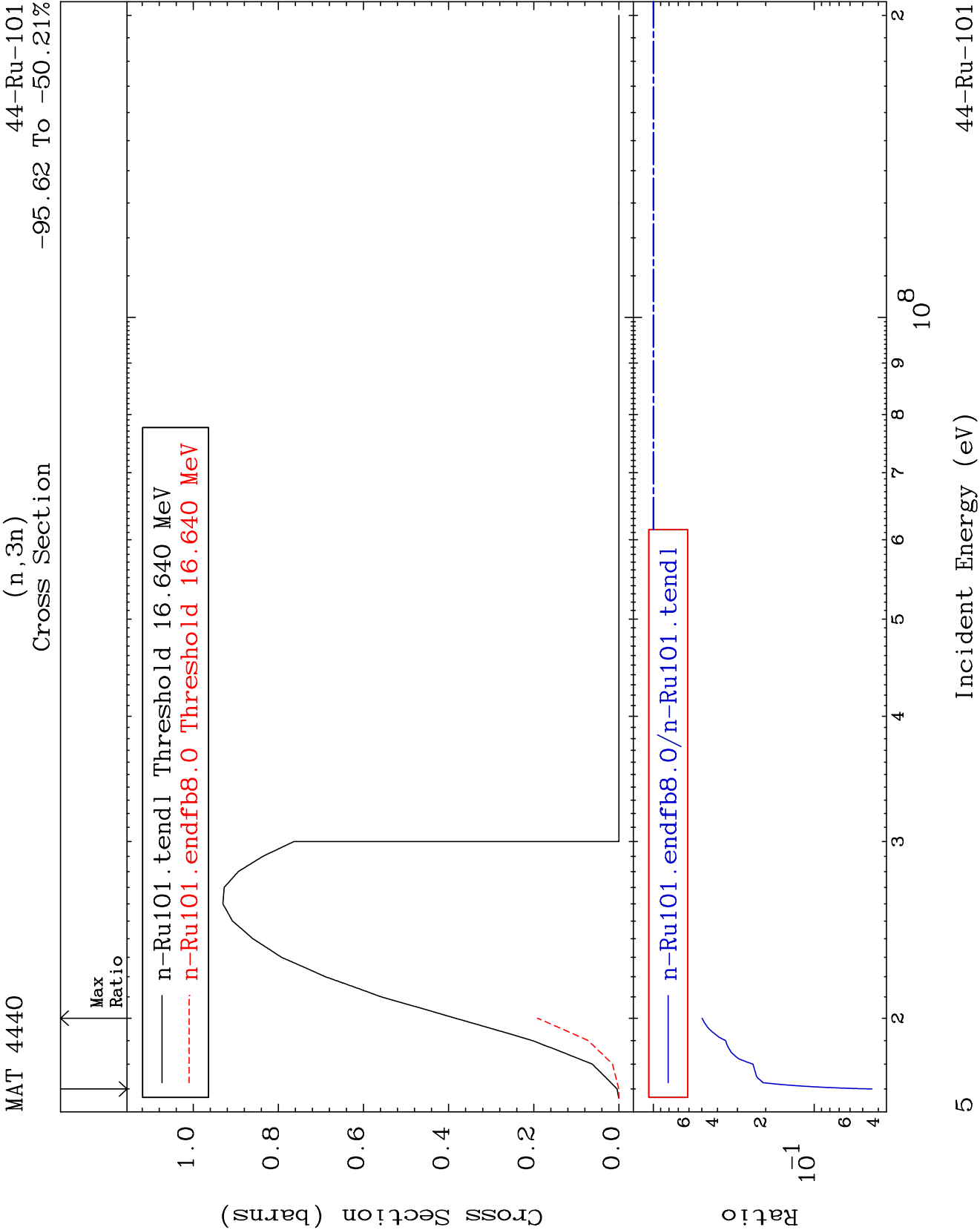


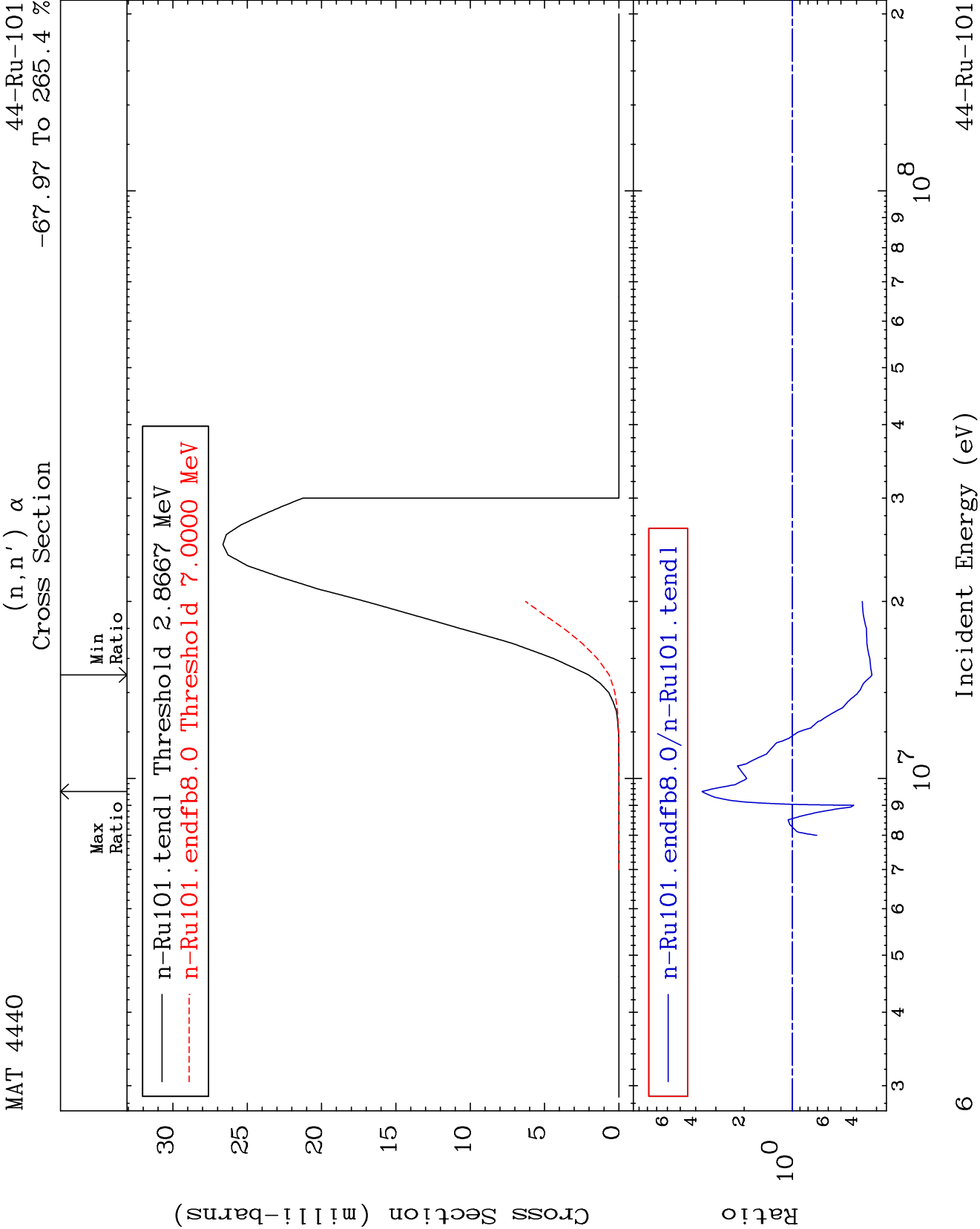


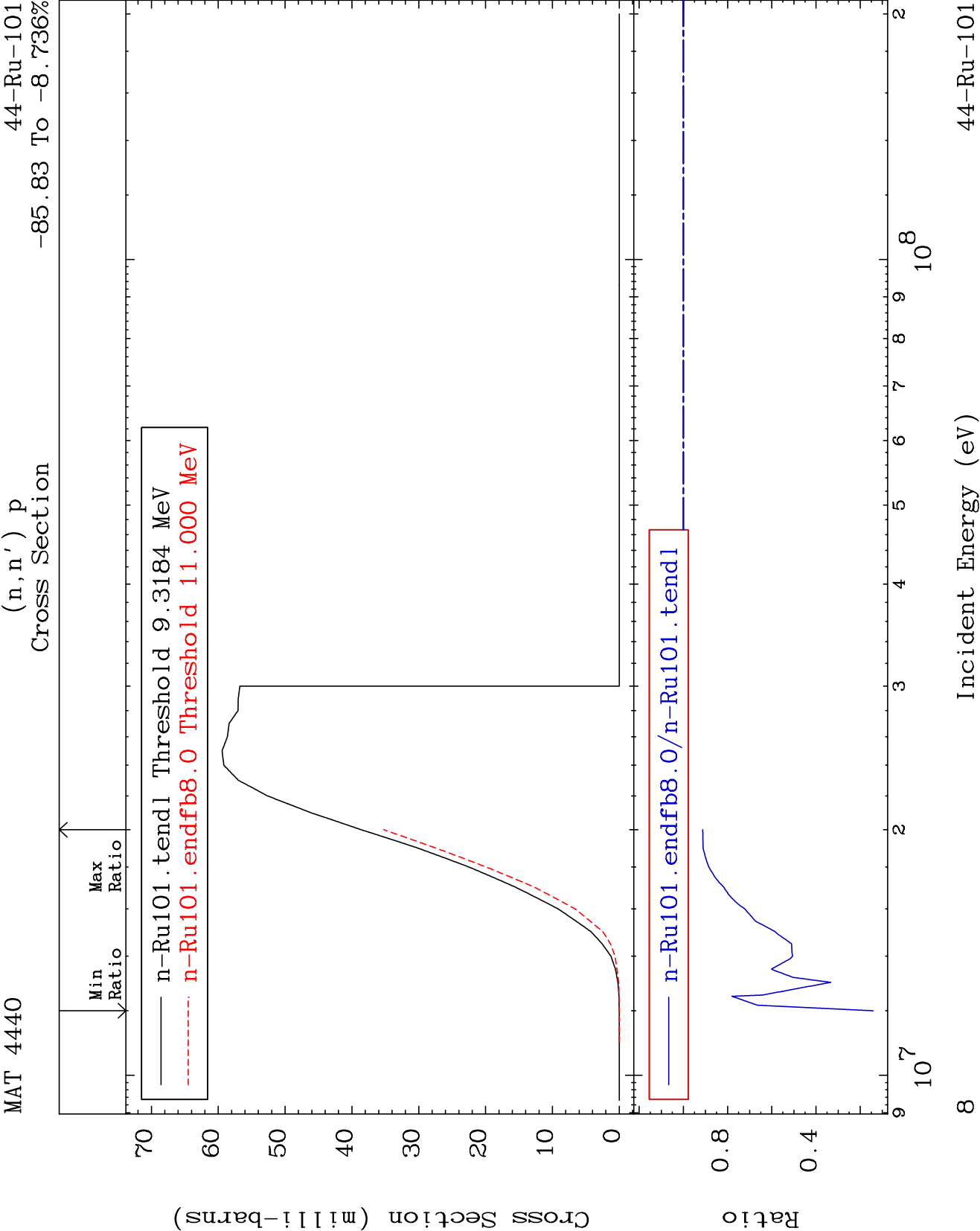
Inelastic
Cross Section
44-Ru-101
-28.93 To 65.25 %

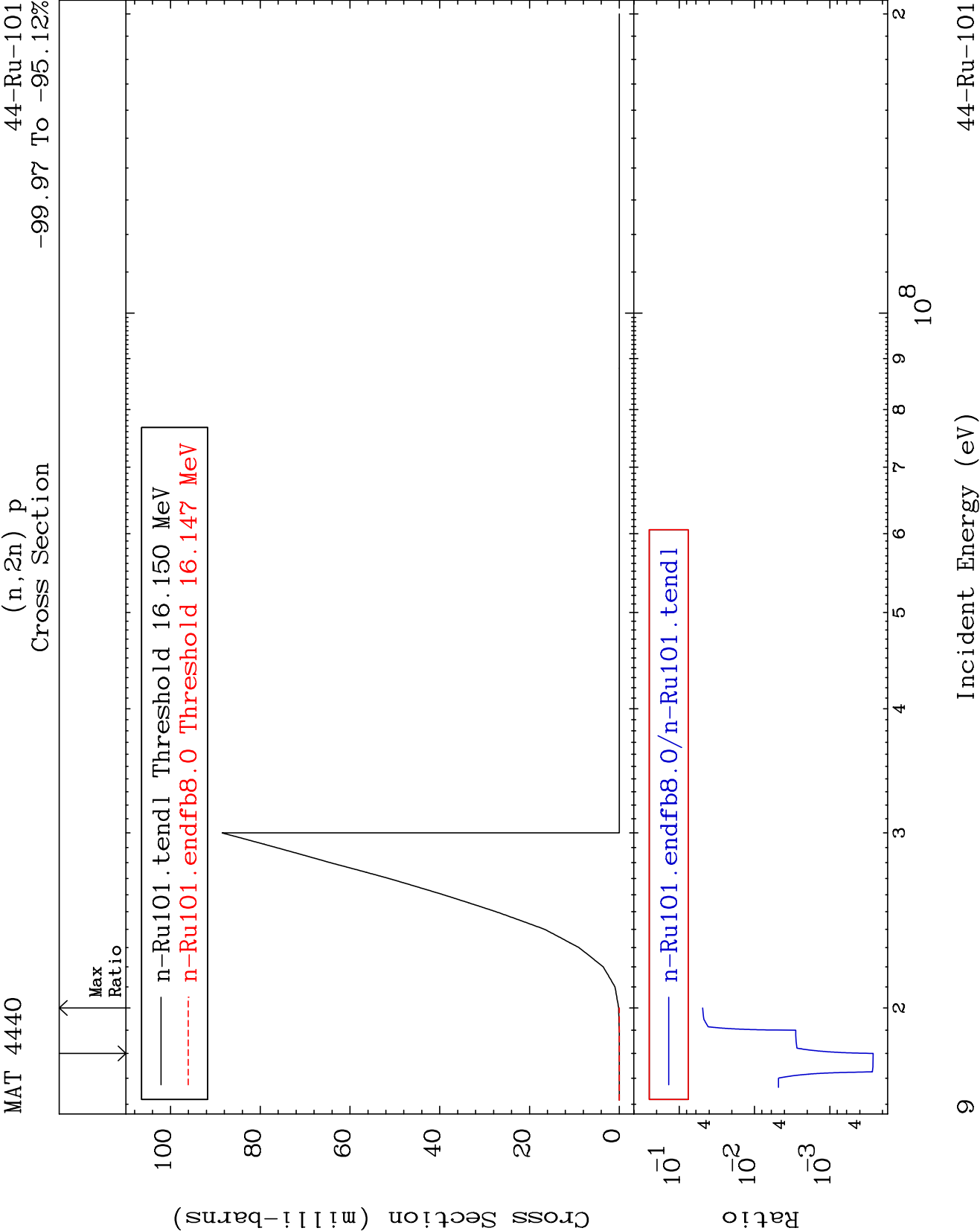


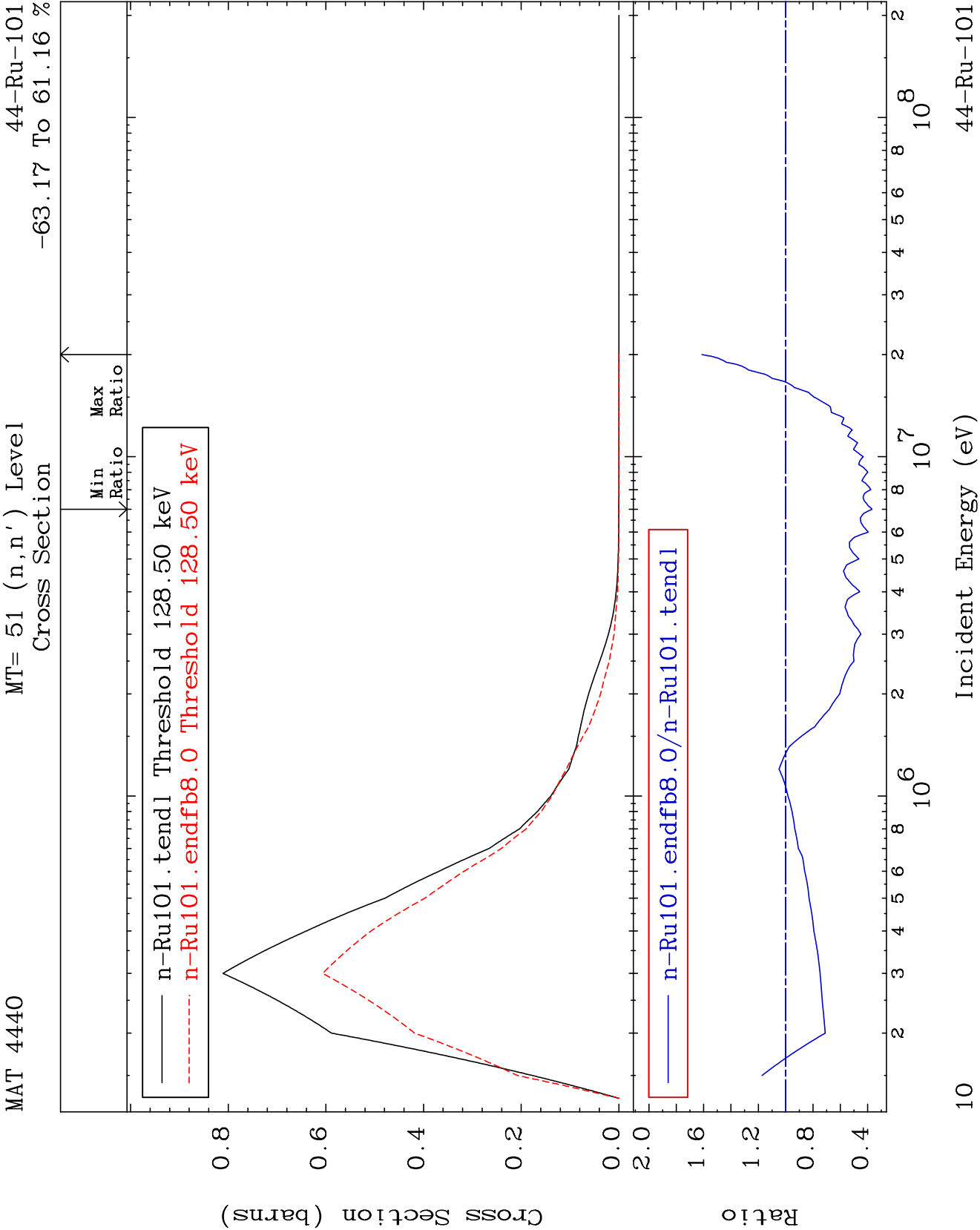


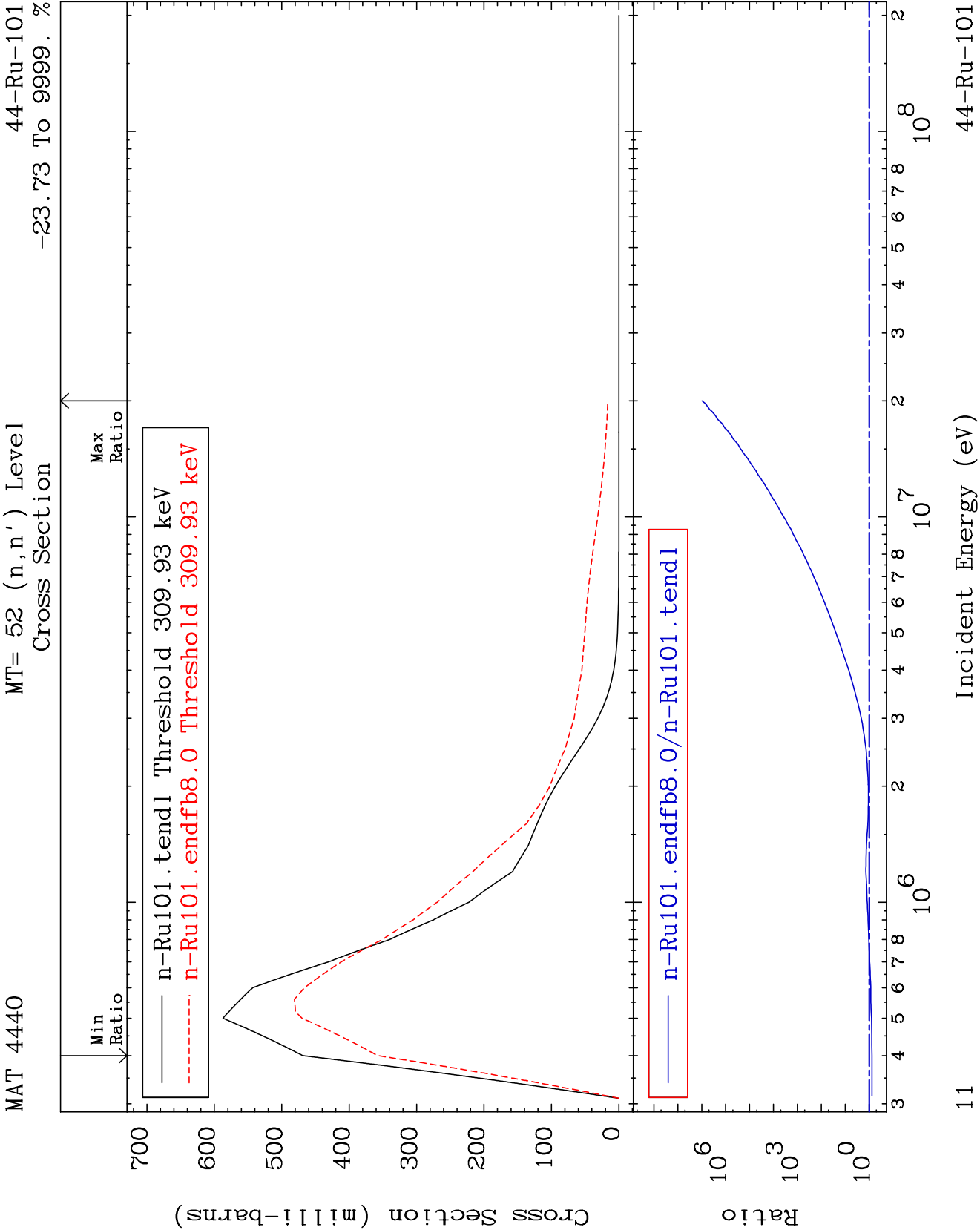


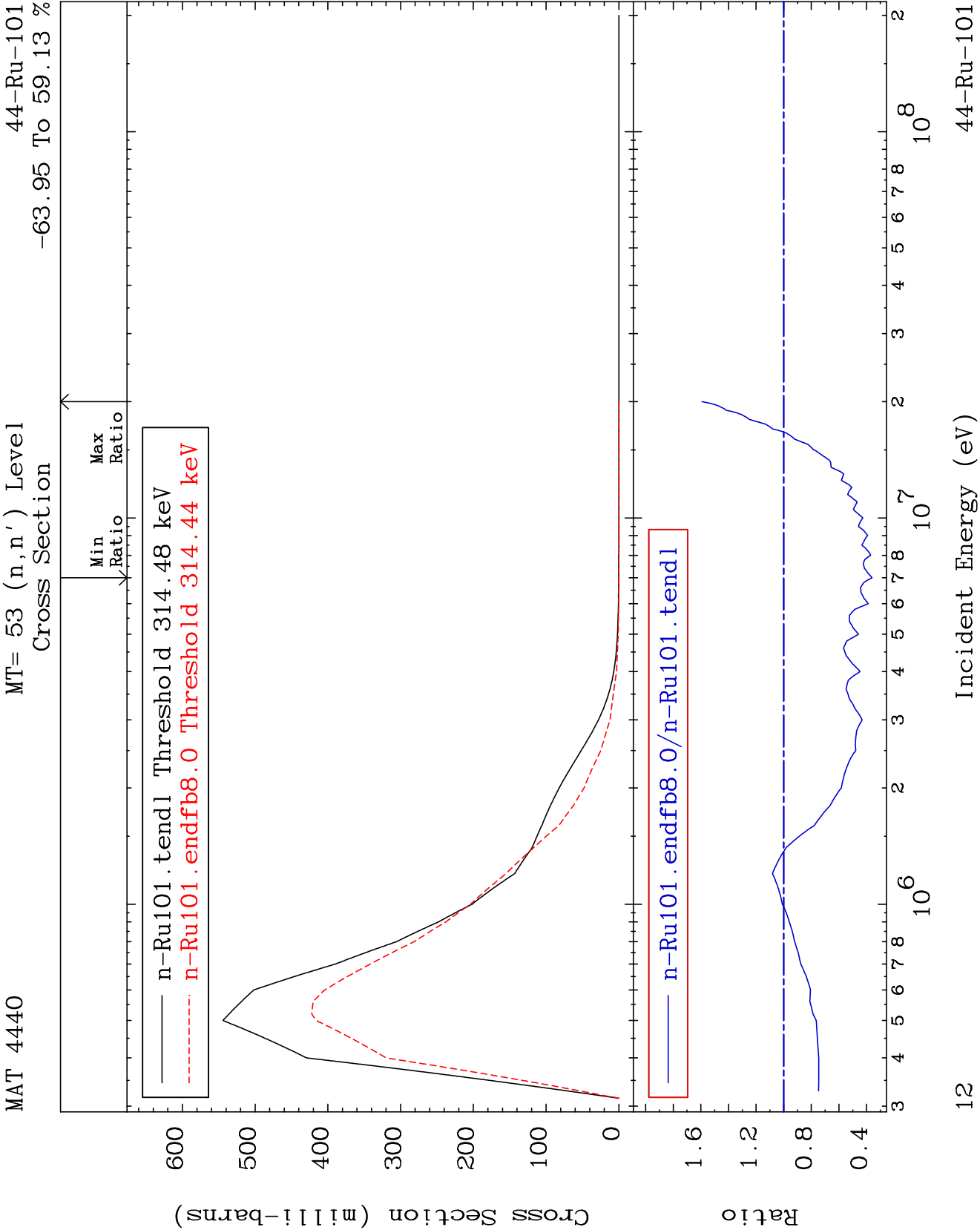












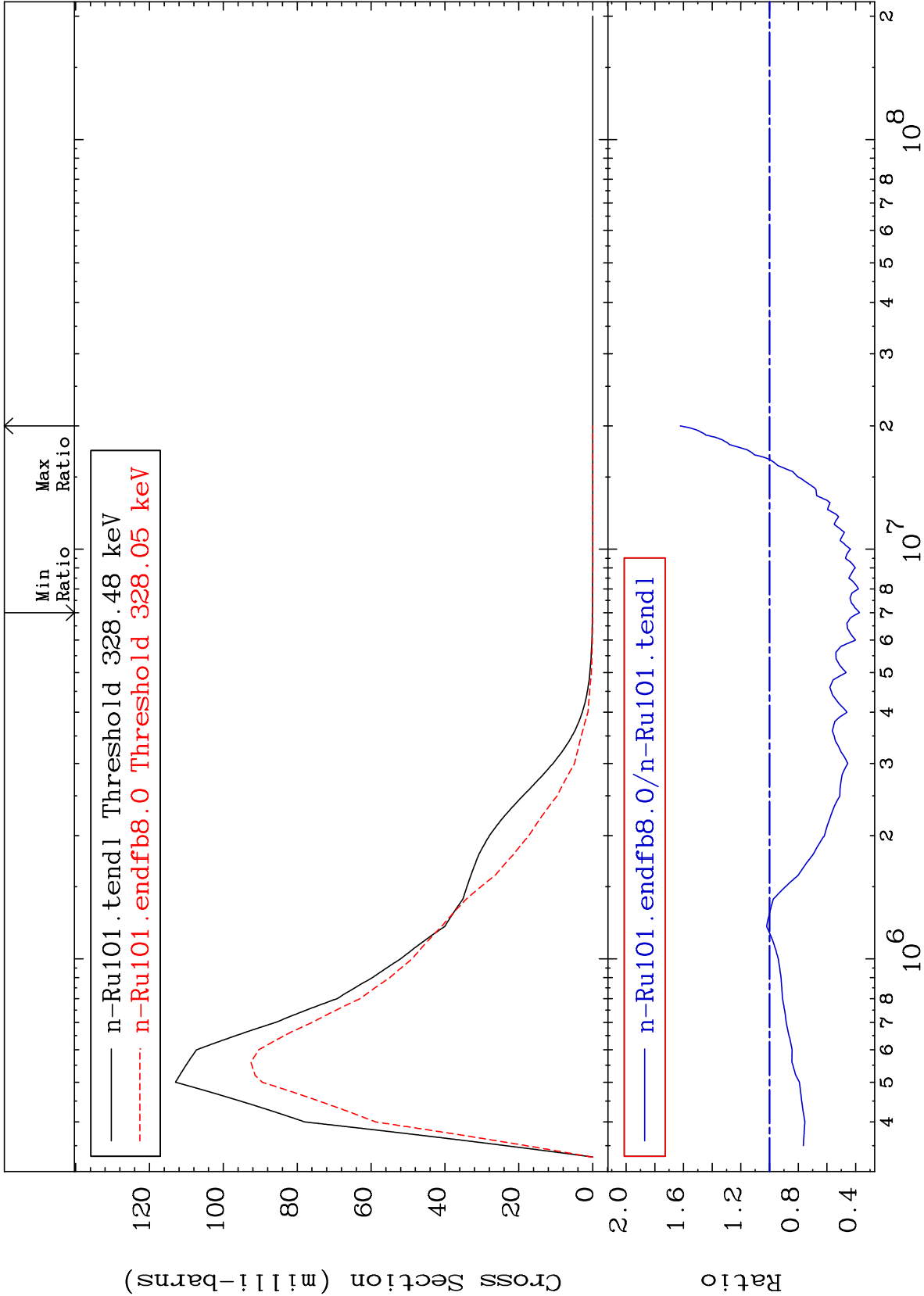
MAT 4440

MT= 54 (n,n') Level

44-Ru-101

Cross Section

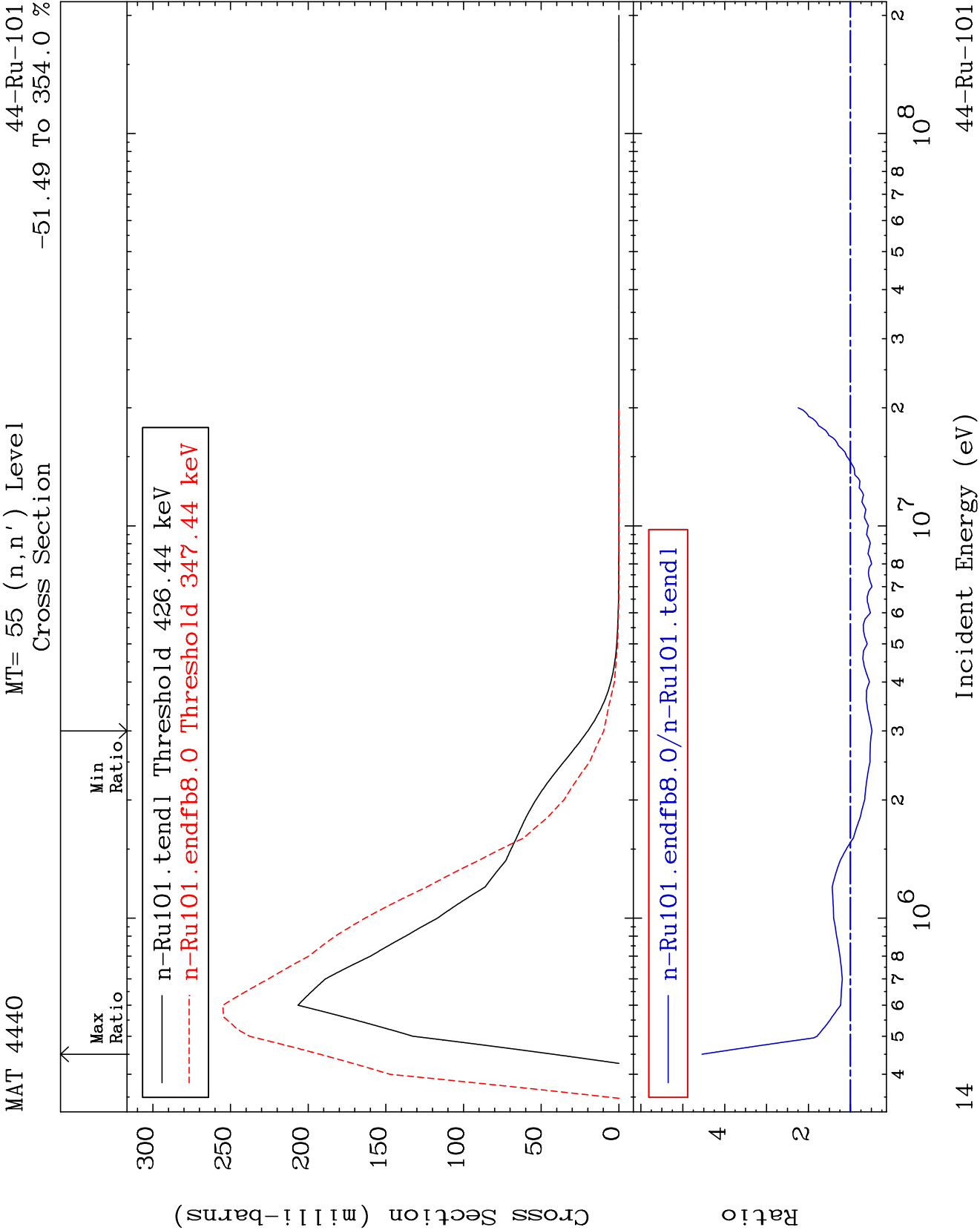
-62.62 To 62.18 %

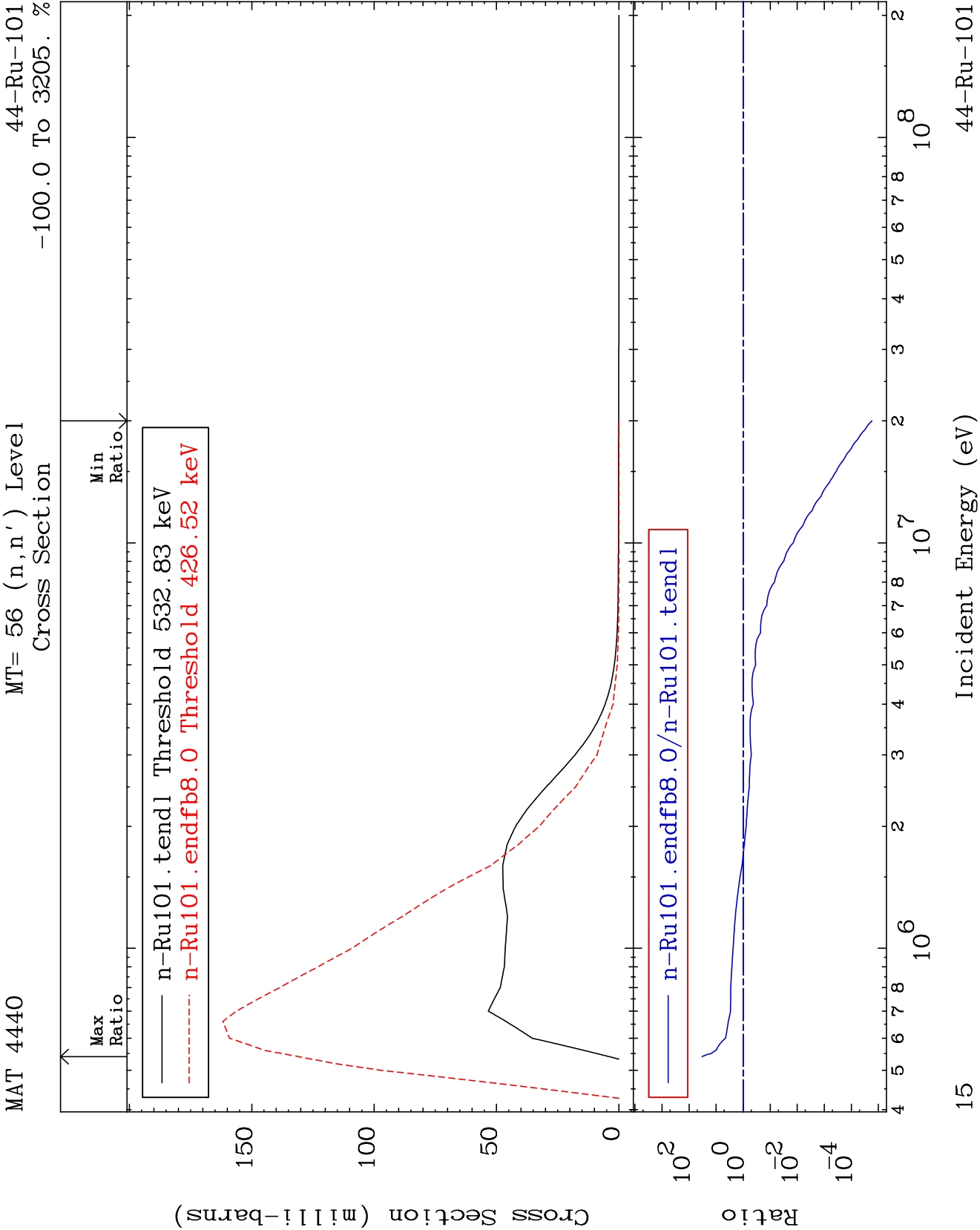


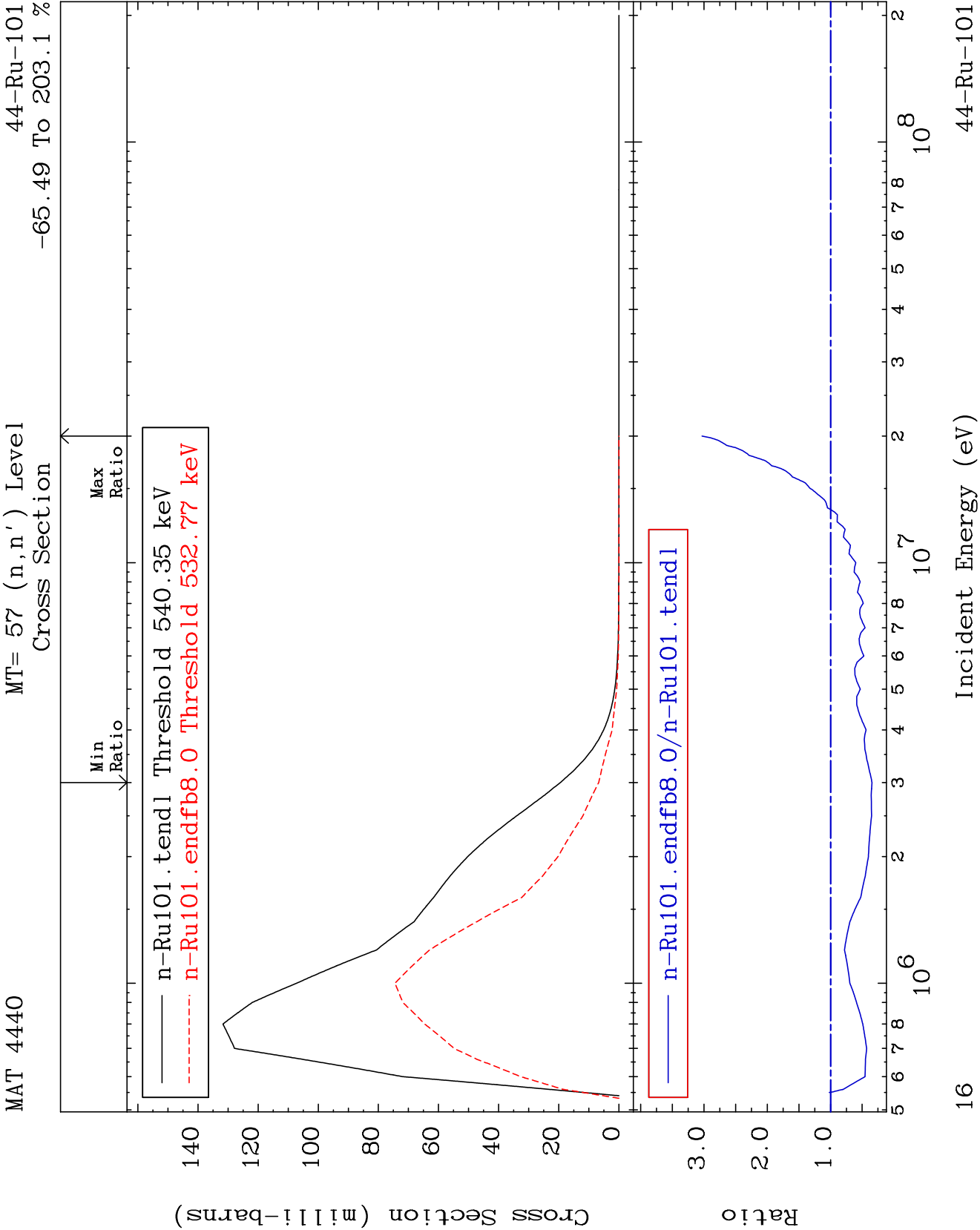
13

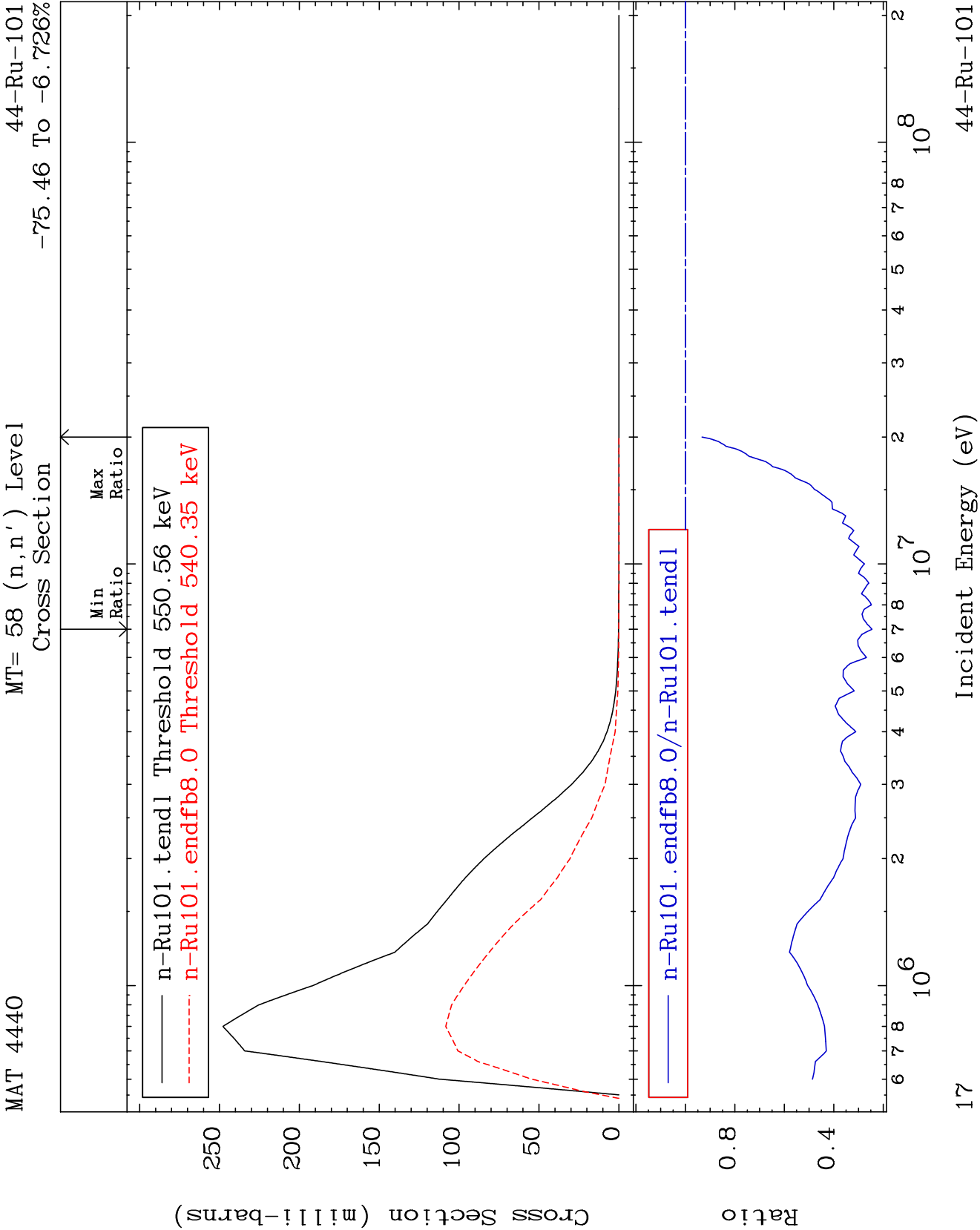
Incident Energy (eV)

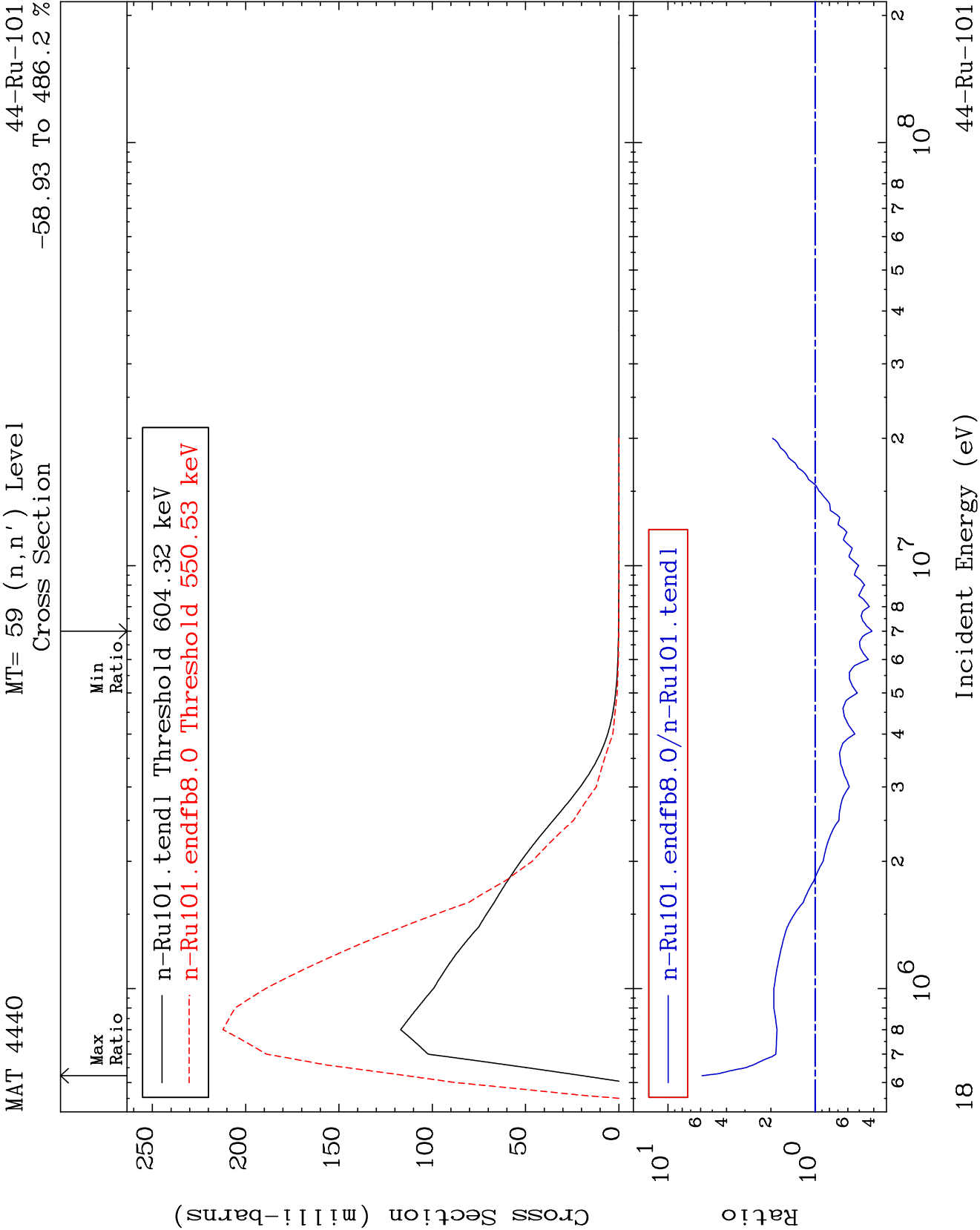
44-Ru-101

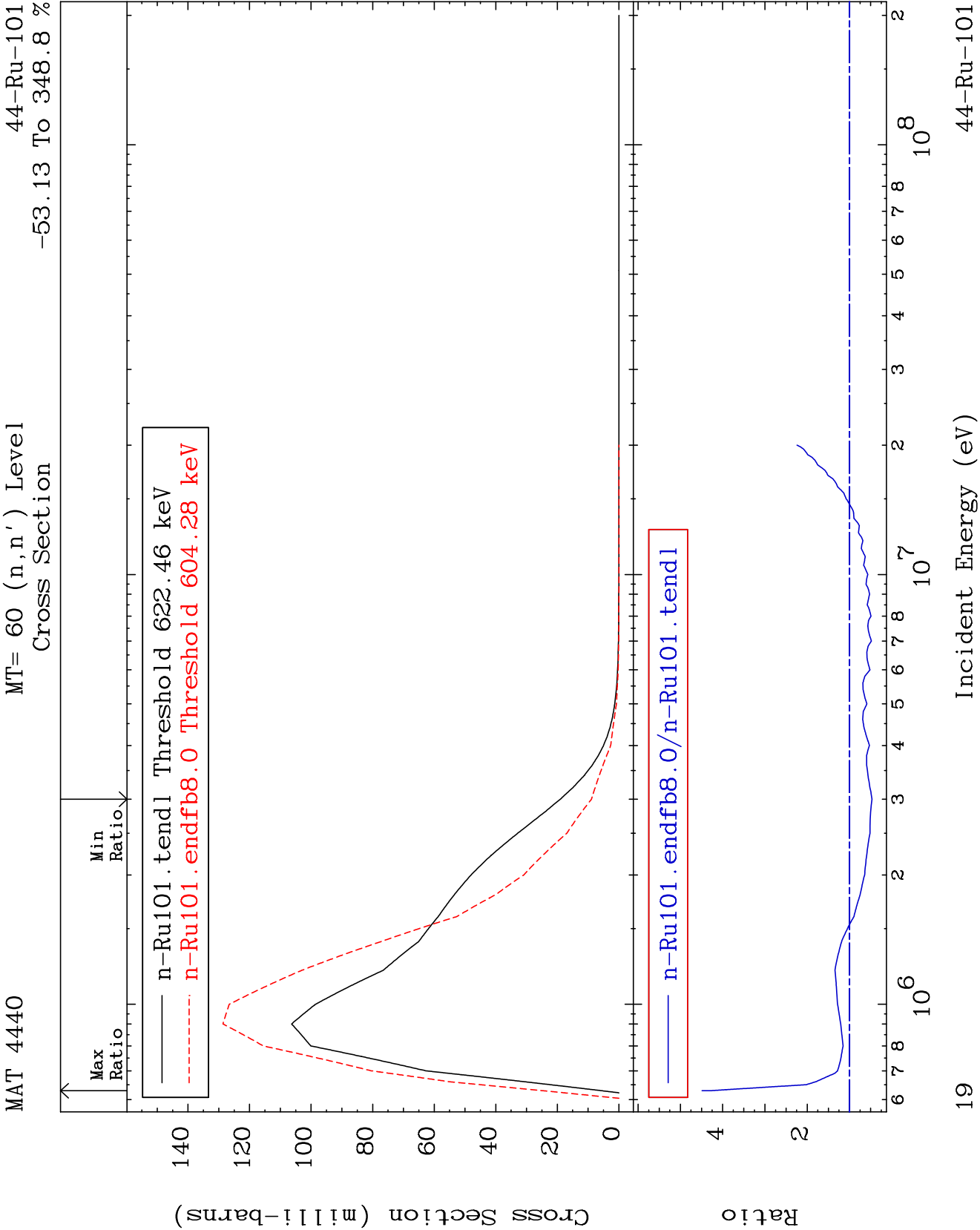


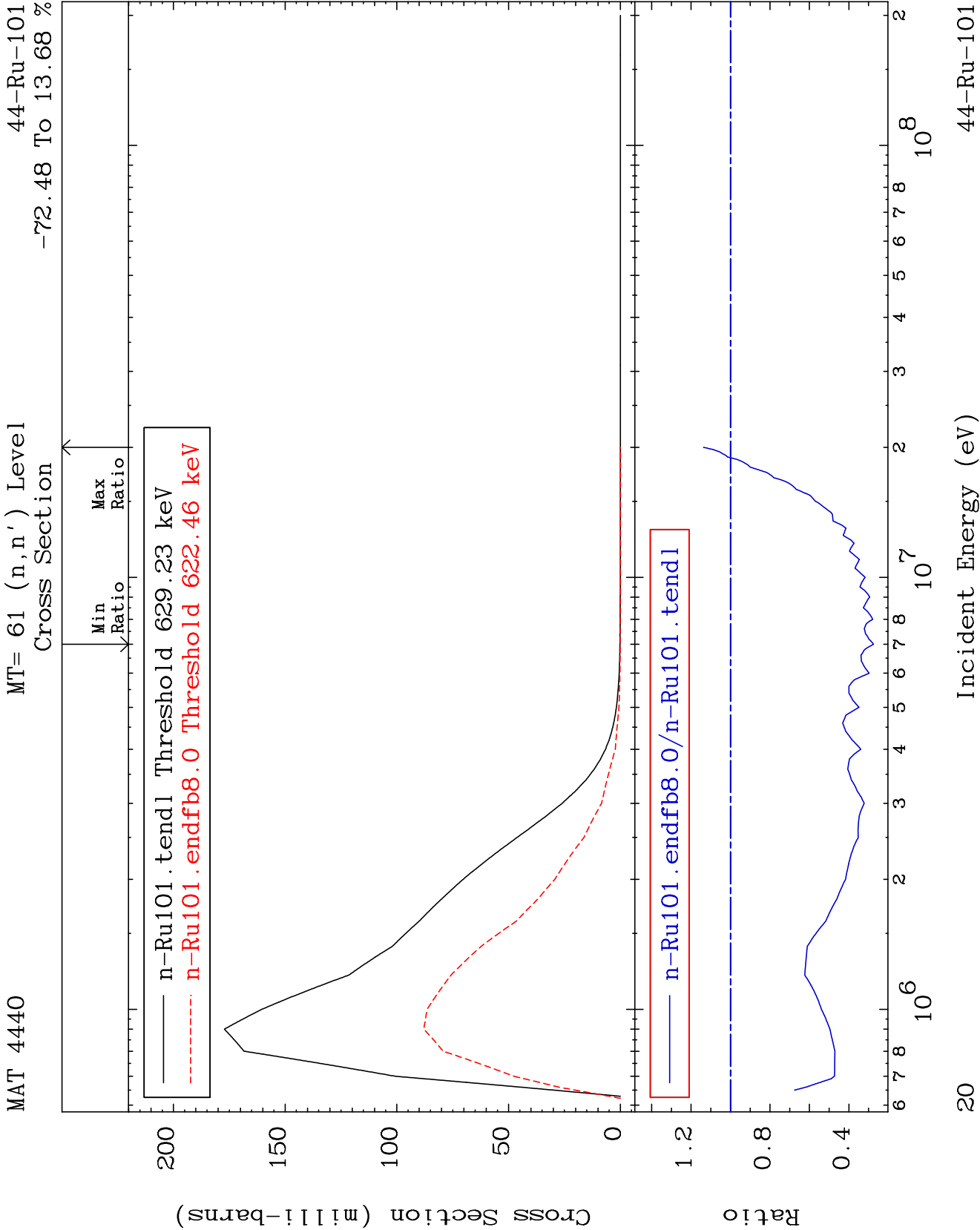


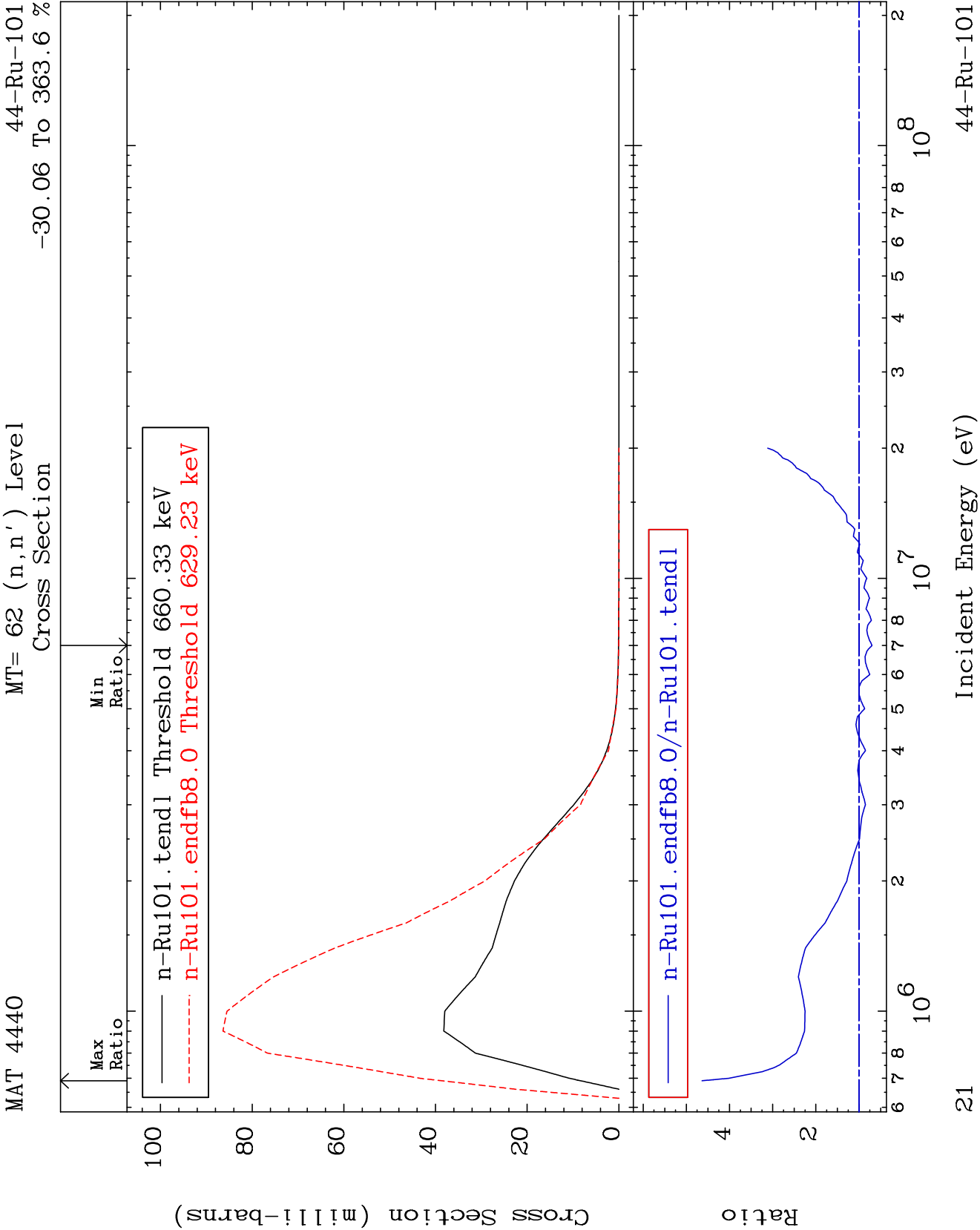


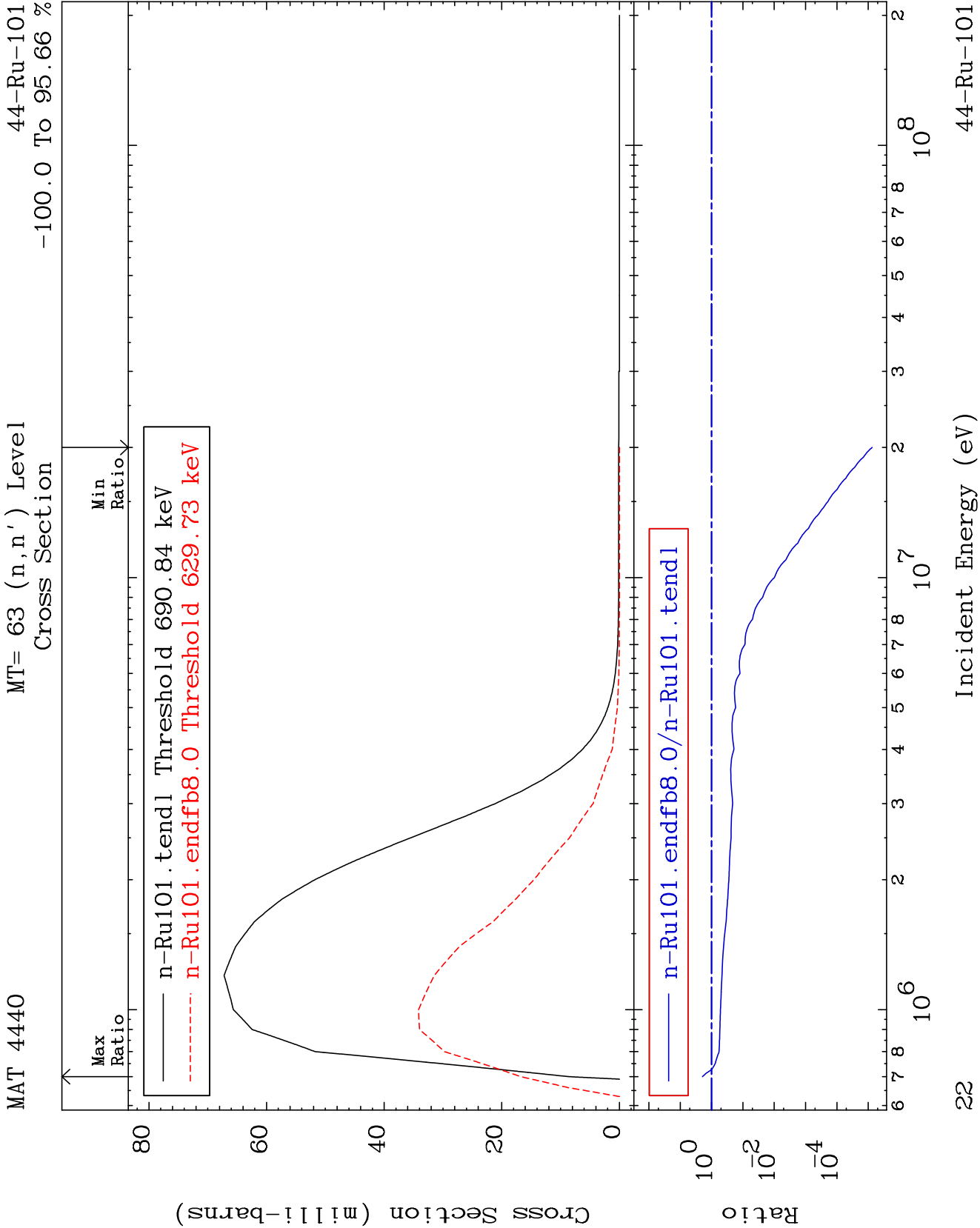


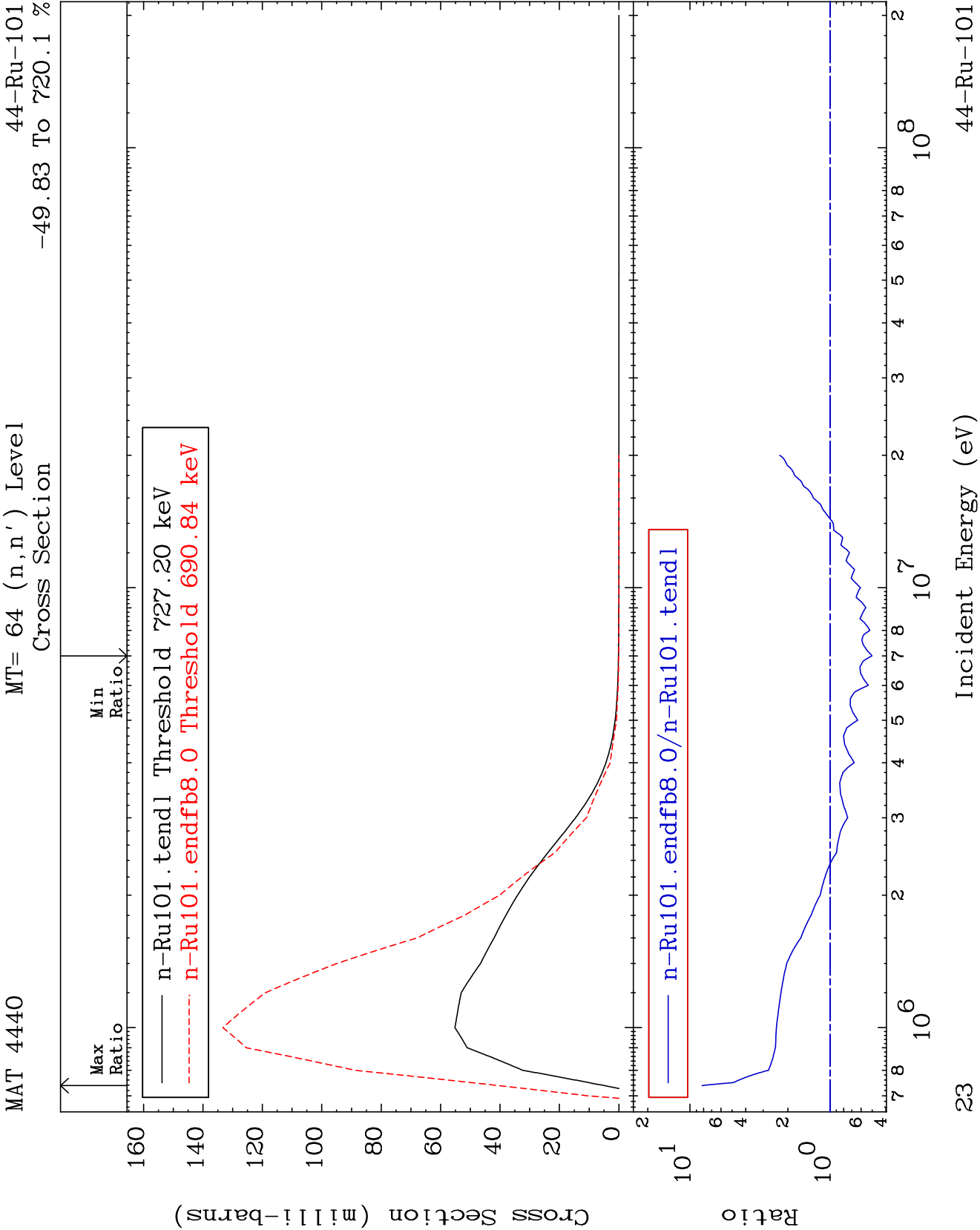








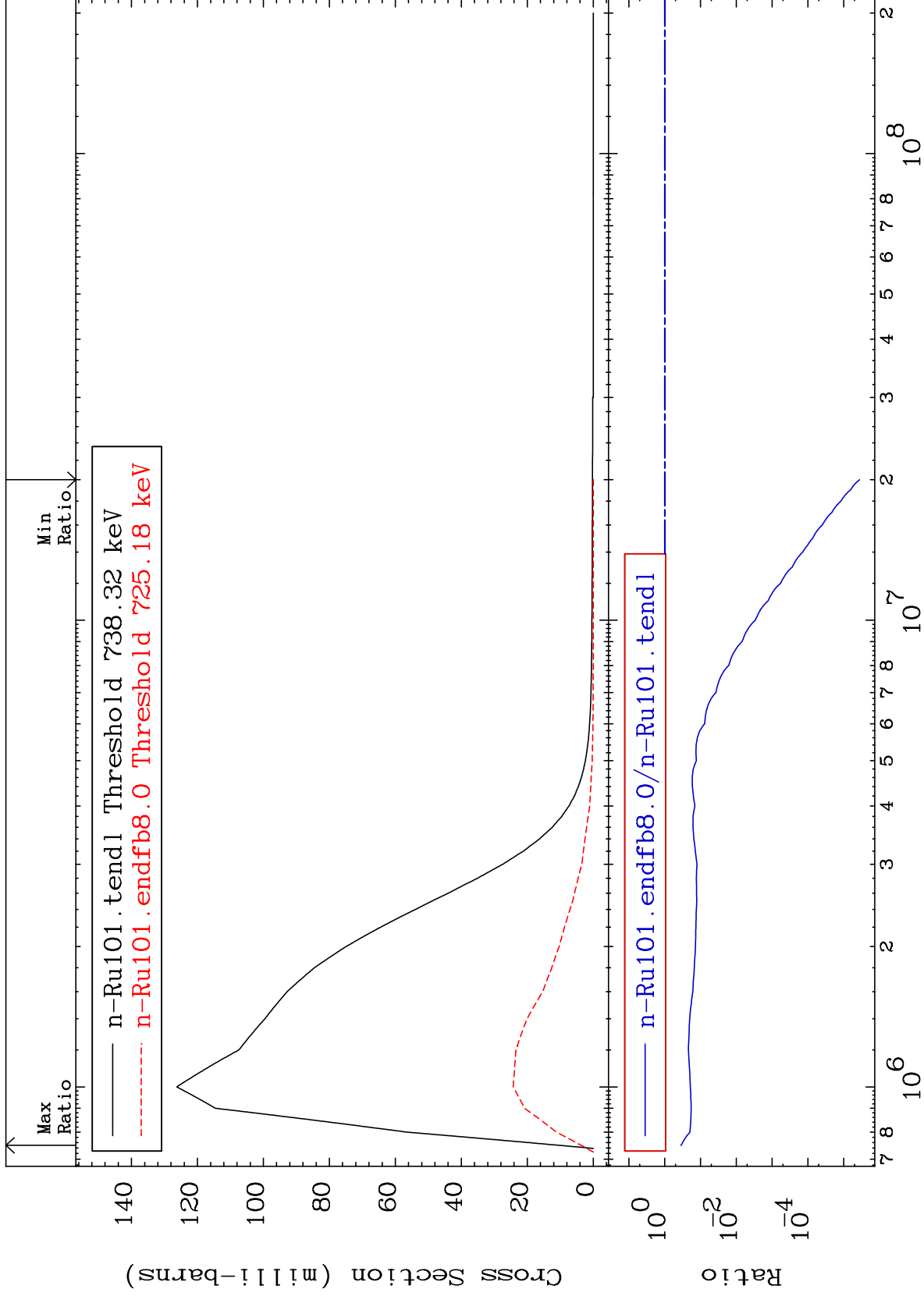




MAT 4440

MT= 65 (n,n') Level
Cross Section

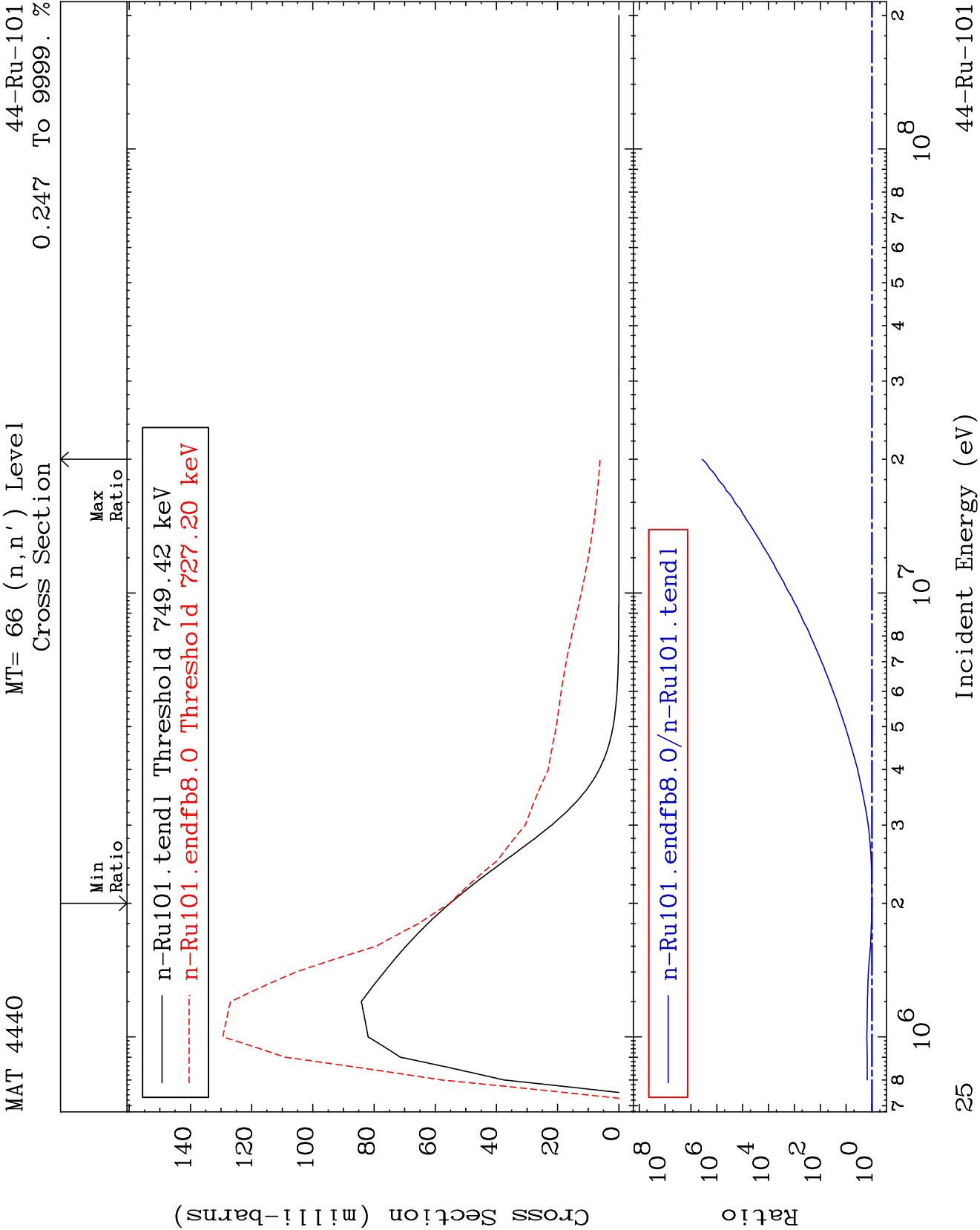
44-Ru-101
-100.0 To -64.37%



24

Incident Energy (eV)

44-Ru-101



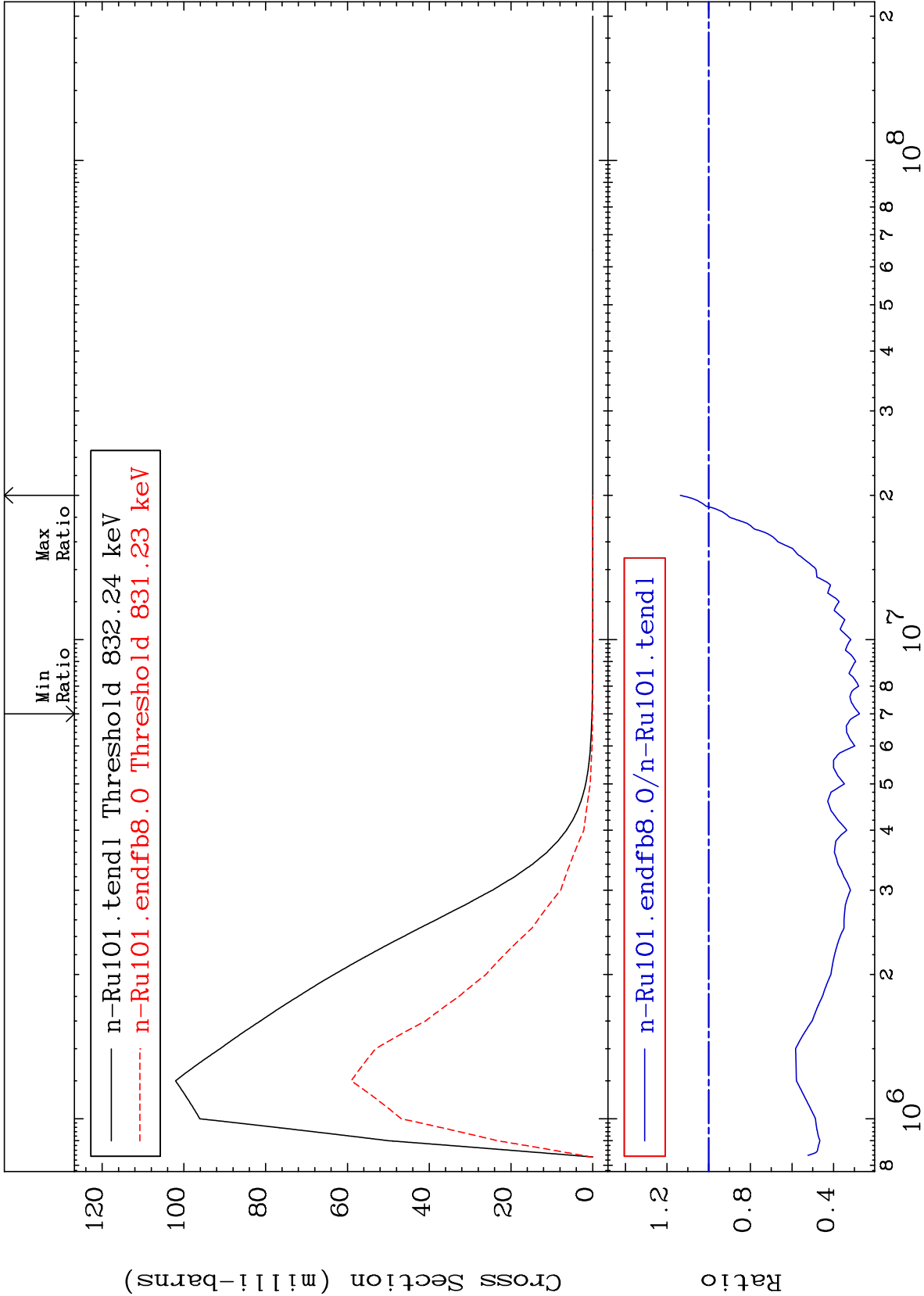
MAT 4440

MT= 67 (n,n') Level

44-Ru-101

-72.39 To 13.61 %

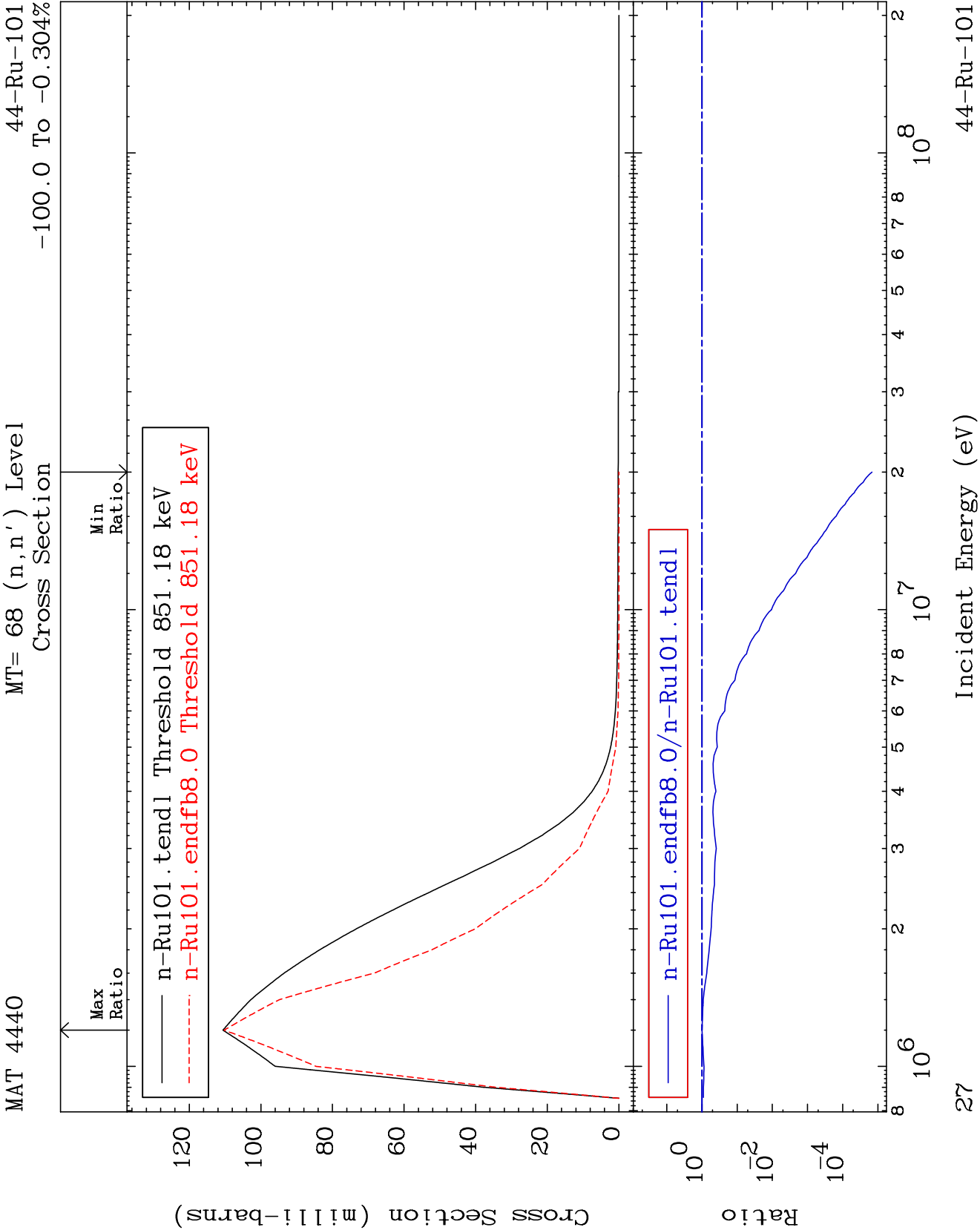
Cross Section



26

Incident Energy (eV)

44-Ru-101



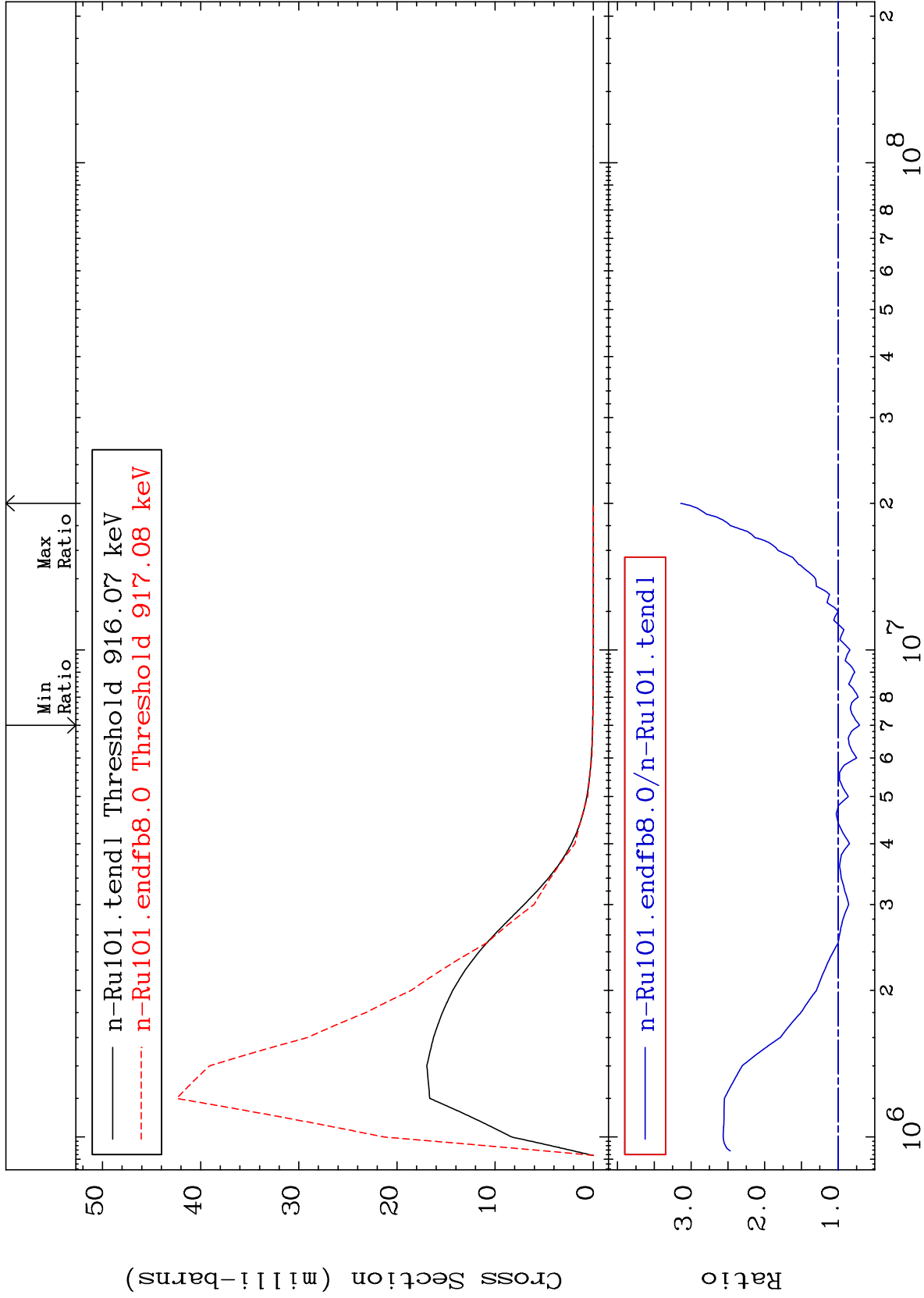
MAT 4440

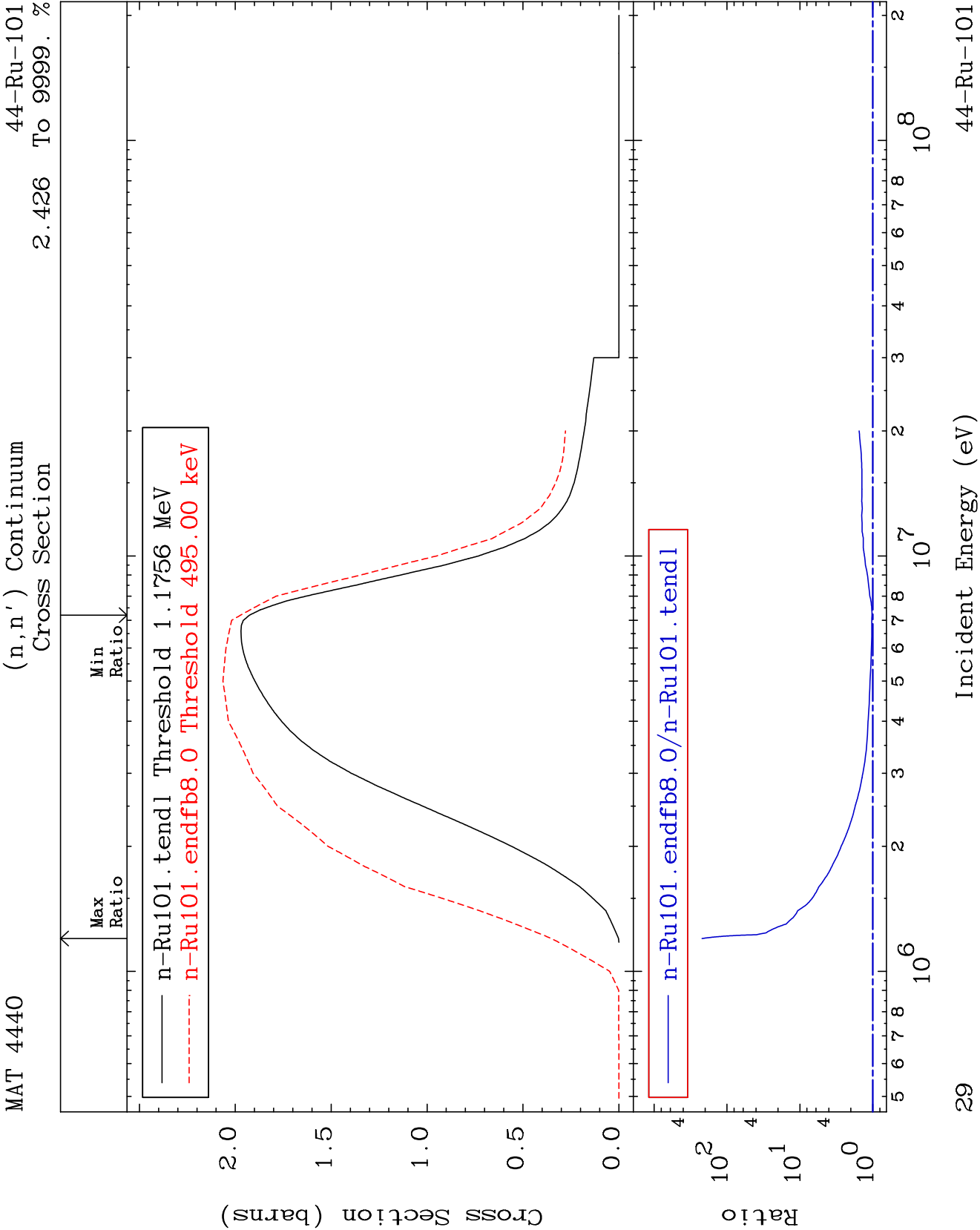
MT= 69 (n,n') Level

44-Ru-101

-28.93 To 214.0 %

Cross Section





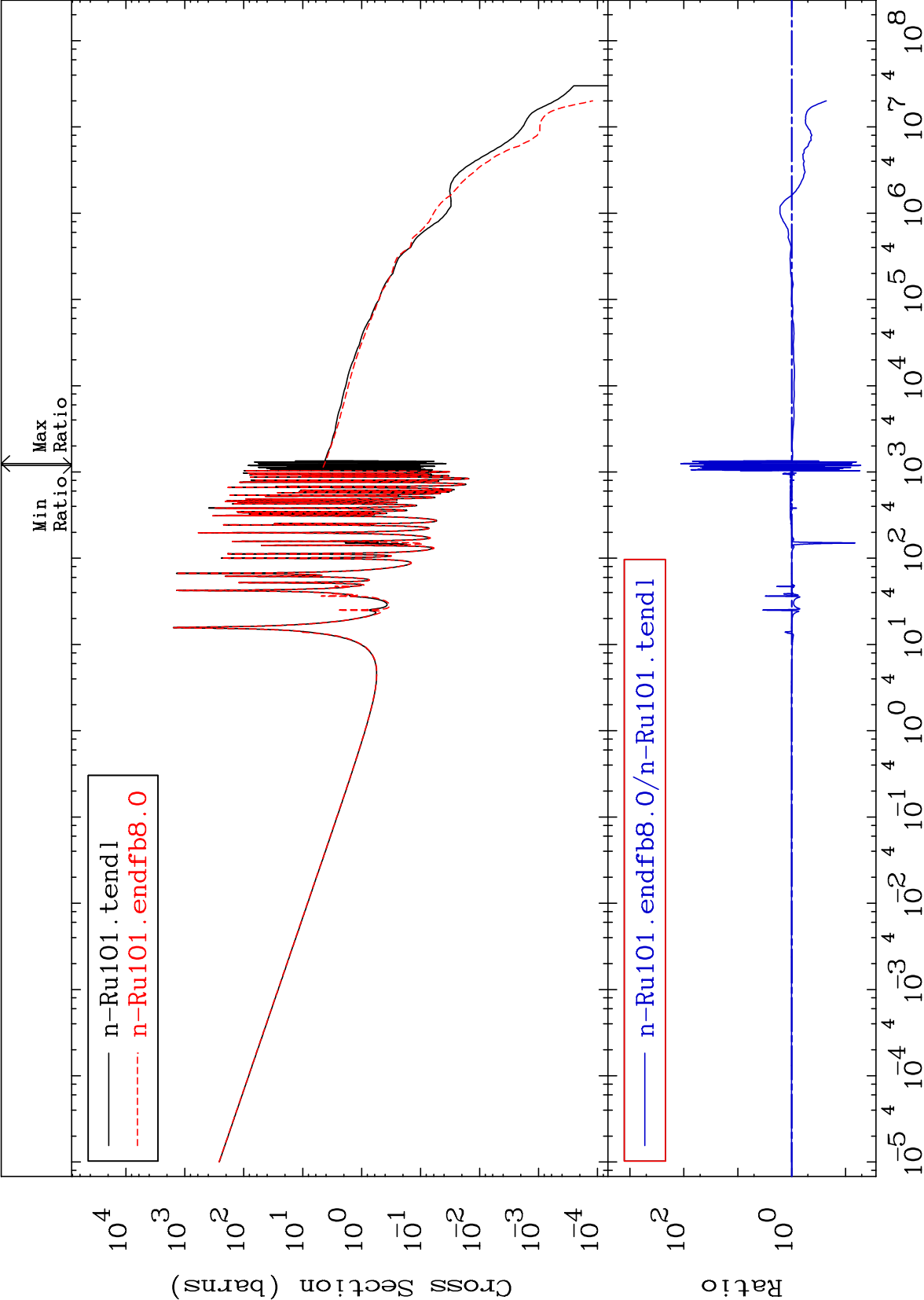
MAT 4440

44-Ru-101

(n, γ)

Cross Section

-94.78 To 9999. %



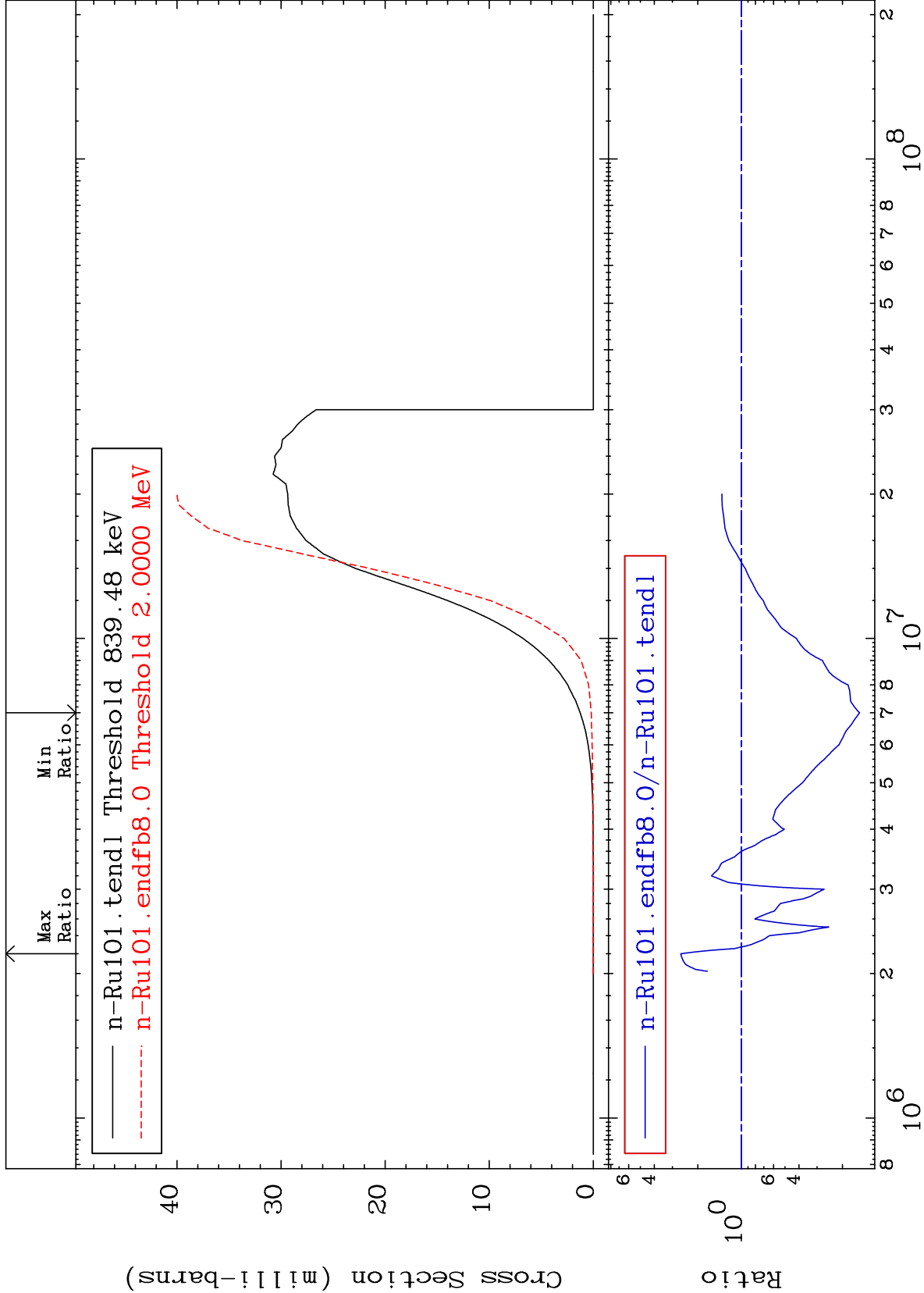
MAT 4440

(n,p)

⁴⁴Ru-101

Cross Section

-84.75 To 162.3 %



31

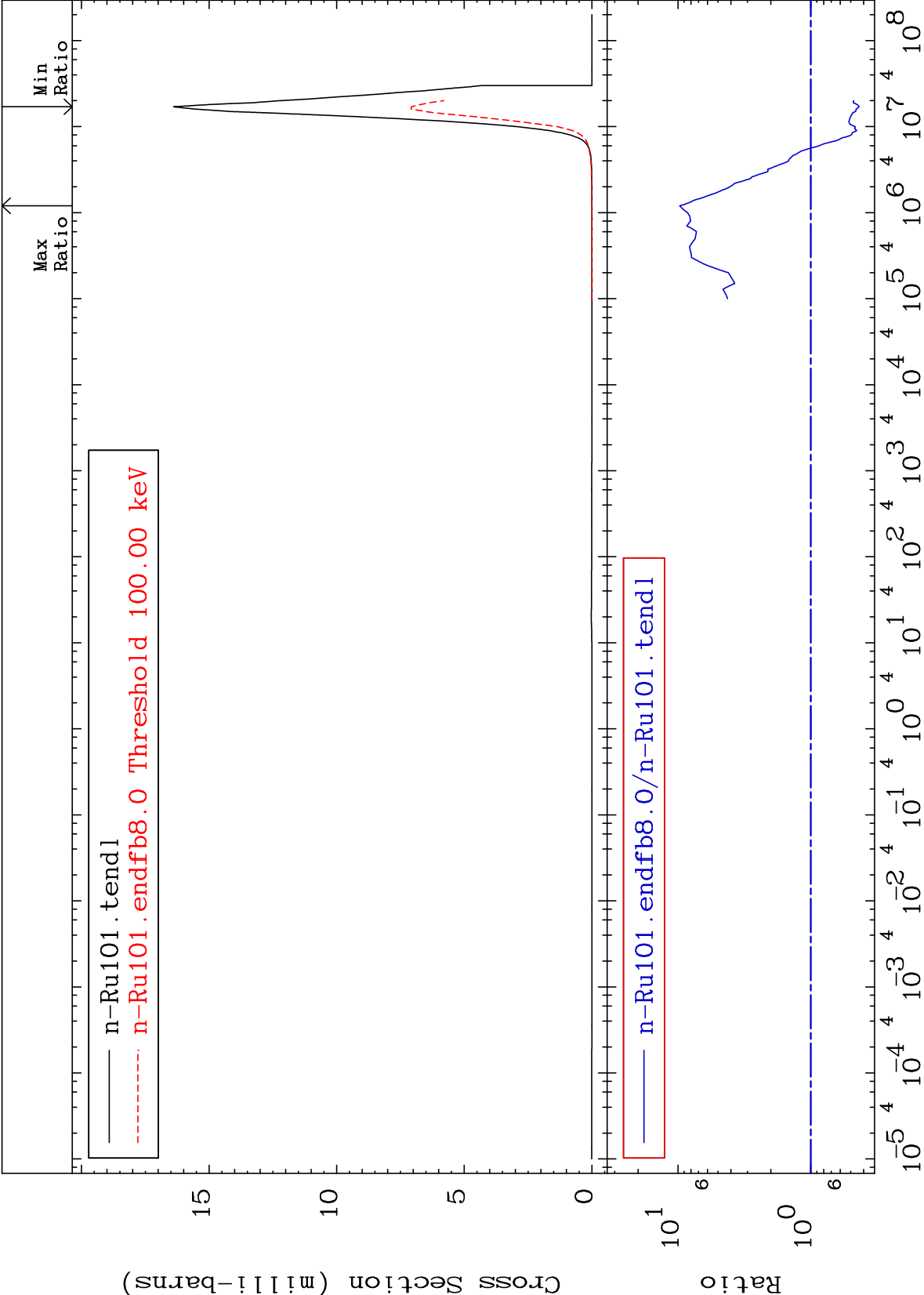
Incident Energy (eV)

⁴⁴Ru-101

MAT 4440

(n, α)
Cross Section

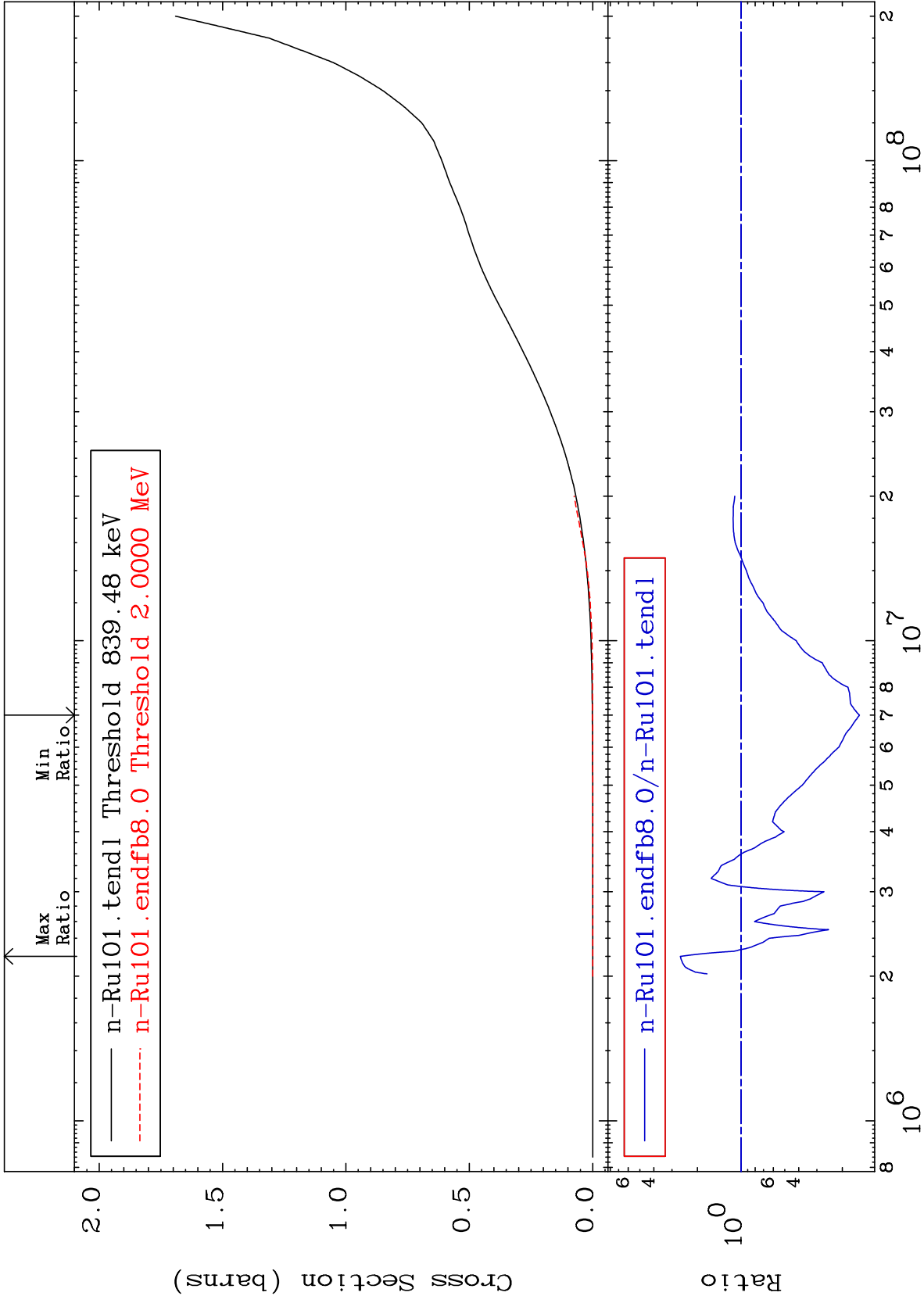
44-Ru-101
-56.88 To 871.0 %



MAT 4440

Hydrogen Production
Cross Section

44-Ru-101
-84.75 To 162.3 %



33

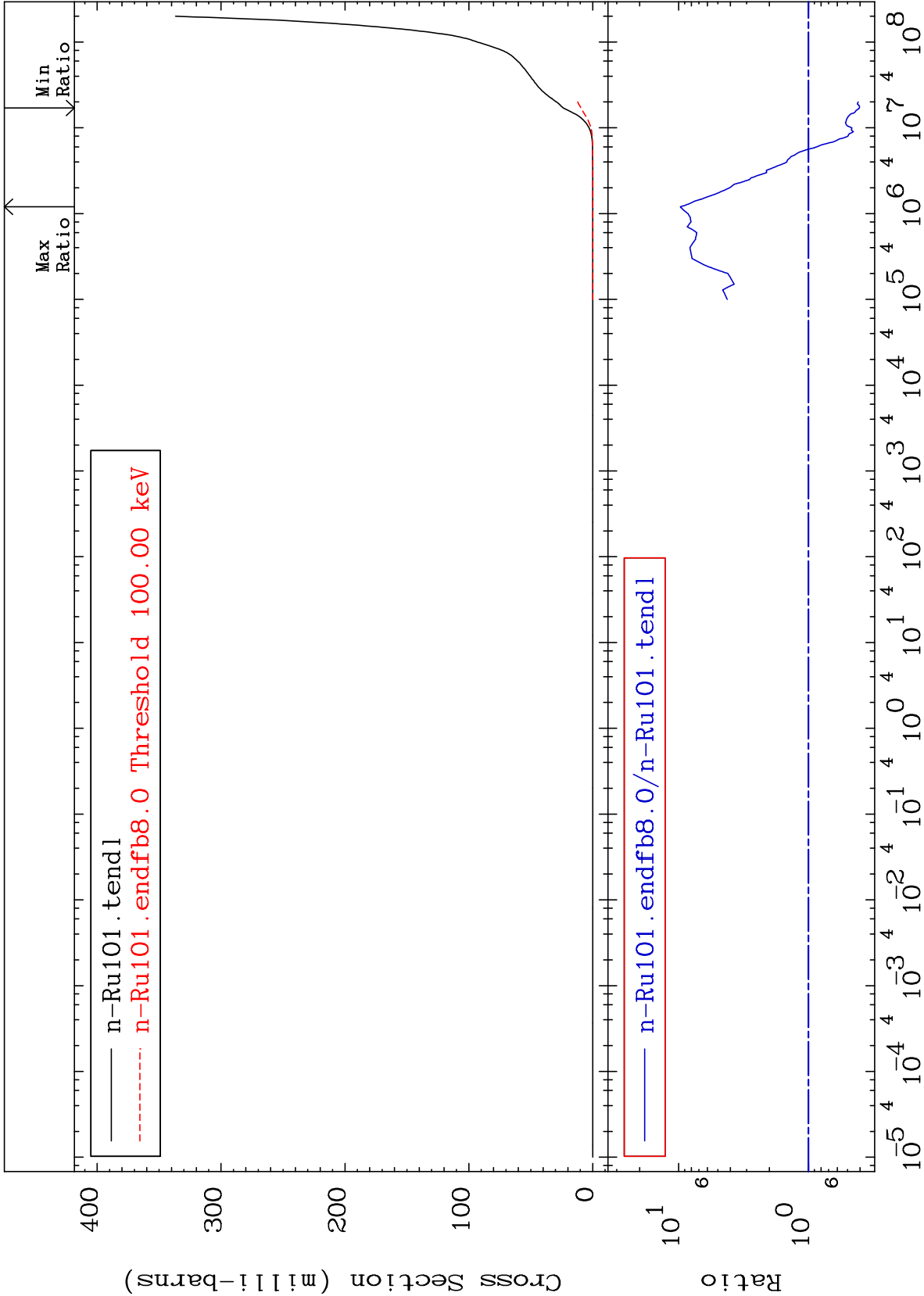
Incident Energy (eV)

44-Ru-101

MAT 4440

He-4 Production
Cross Section

44-Ru-101
-59.53 To 871.0 %



Incident Energy (eV)

44-Ru-101

34

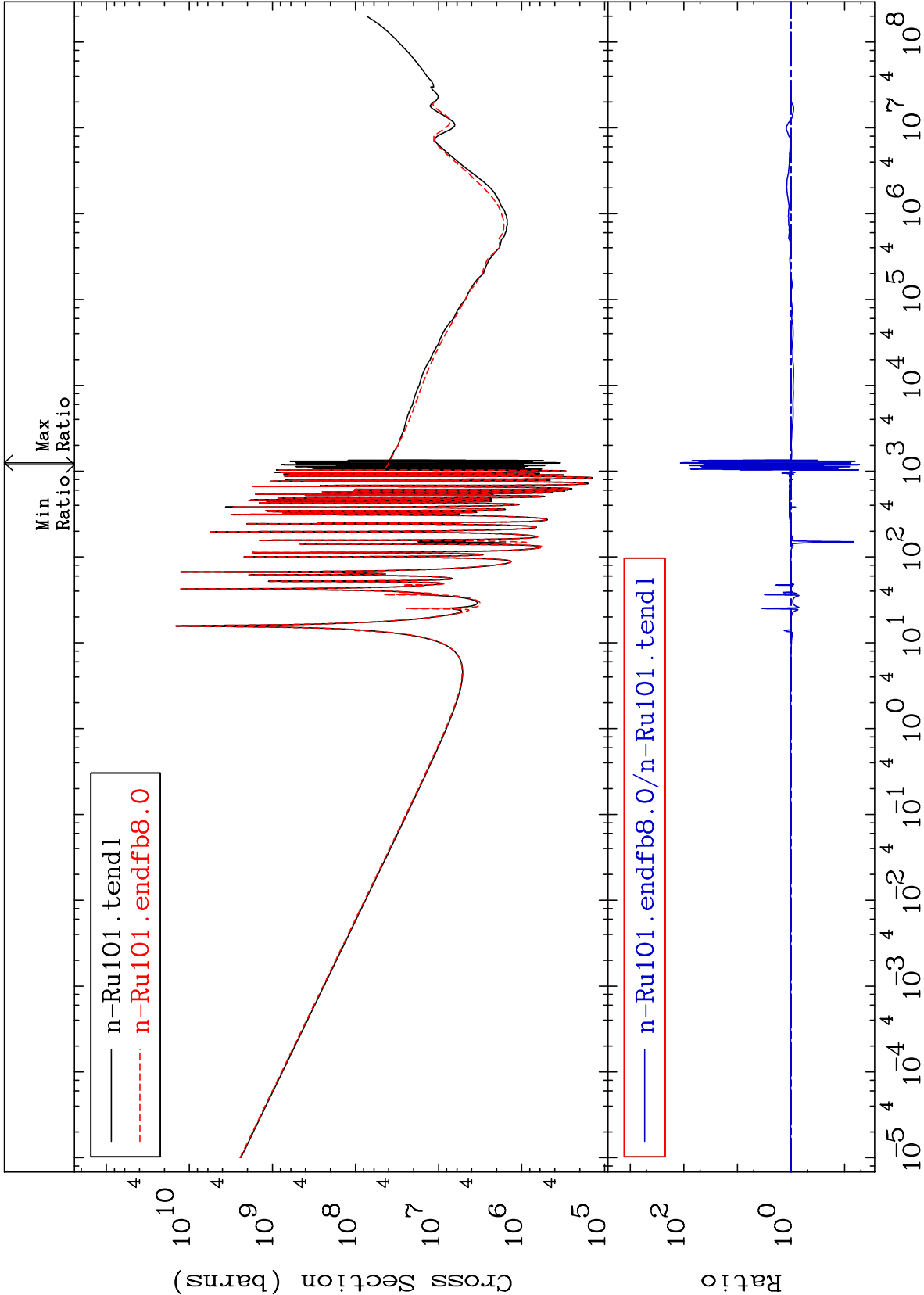
MAT 4440

Kerma total (eV-barns)

44-Ru-101

-94.69 To 9999. %

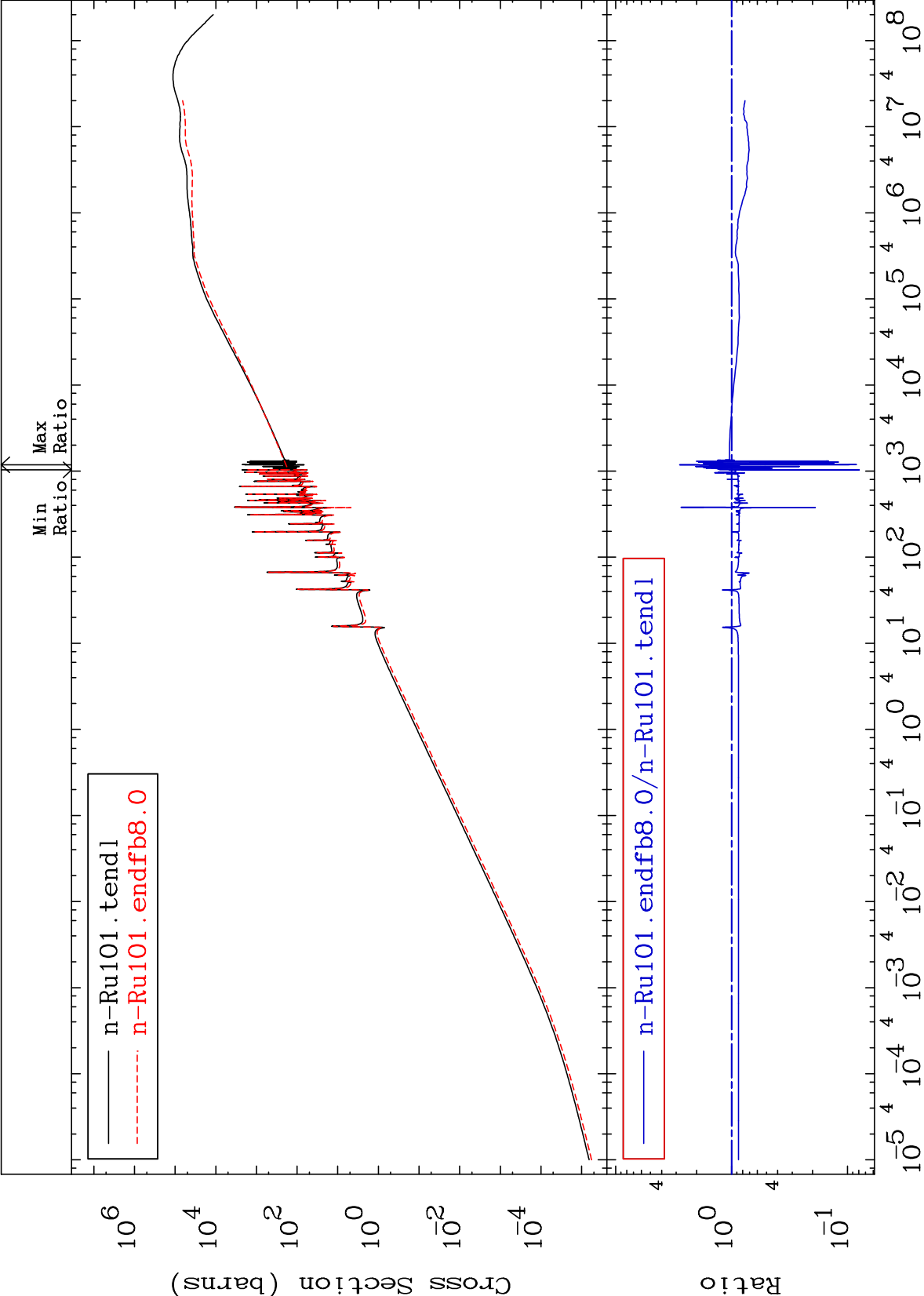
Cross Section

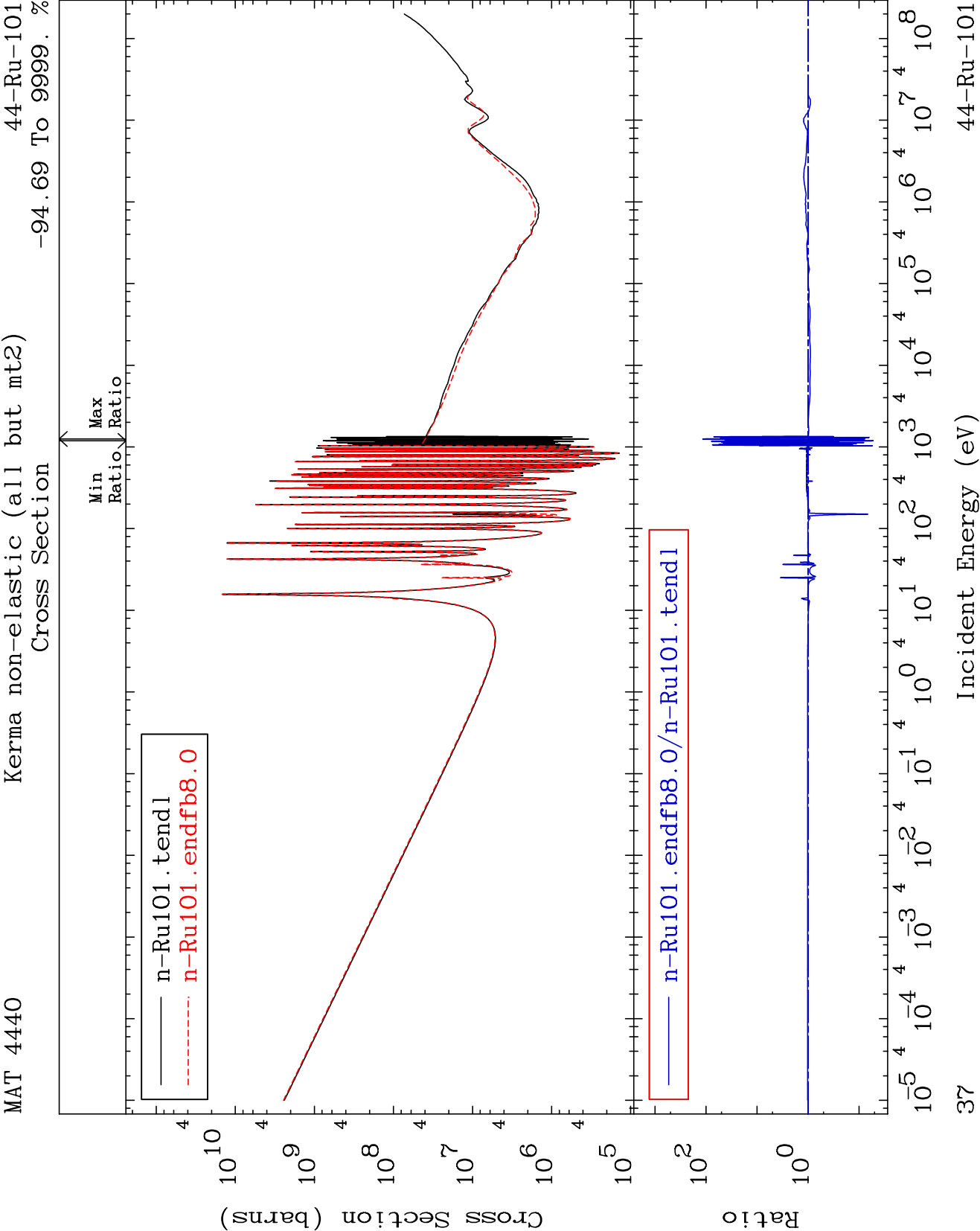


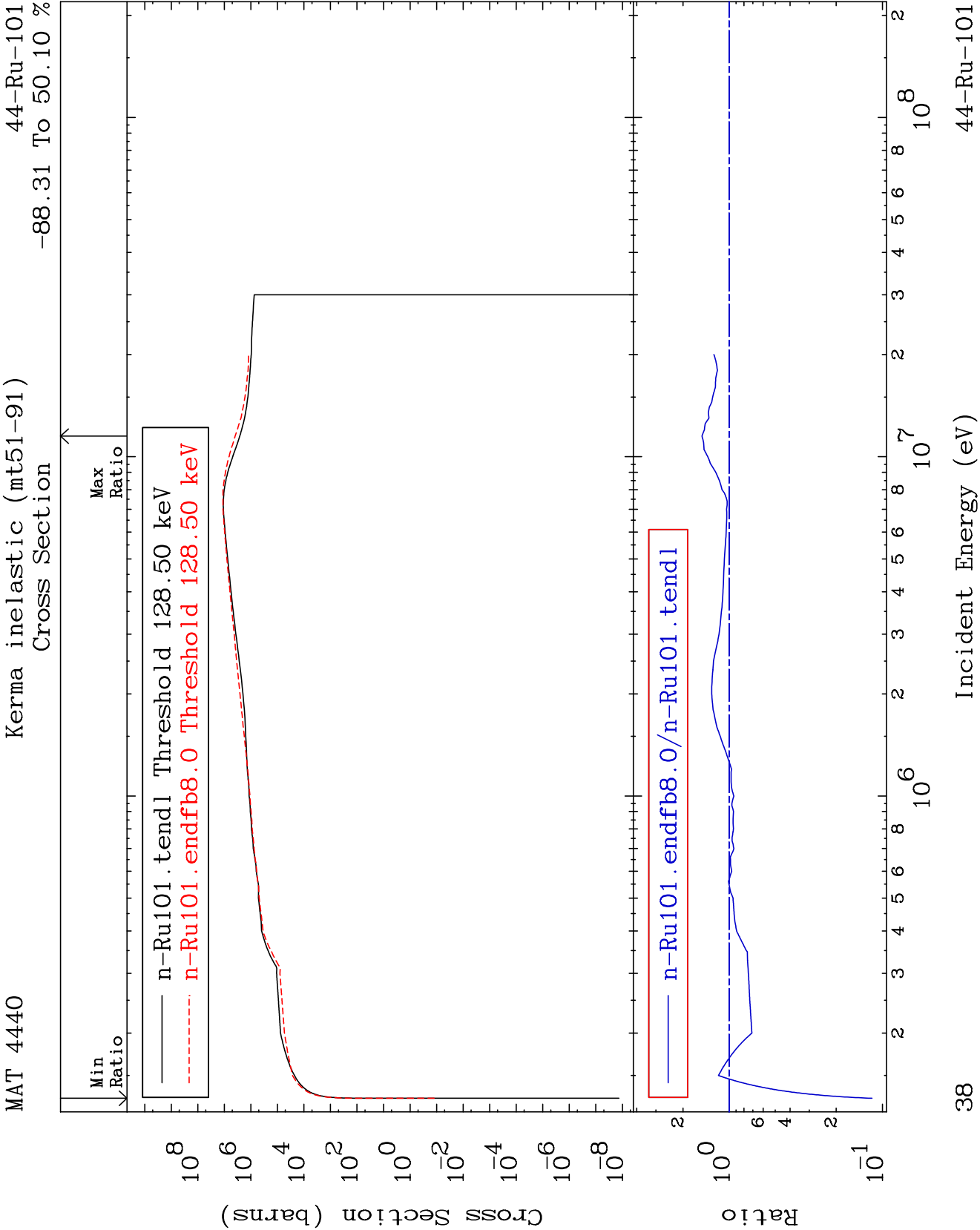
MAT 4440

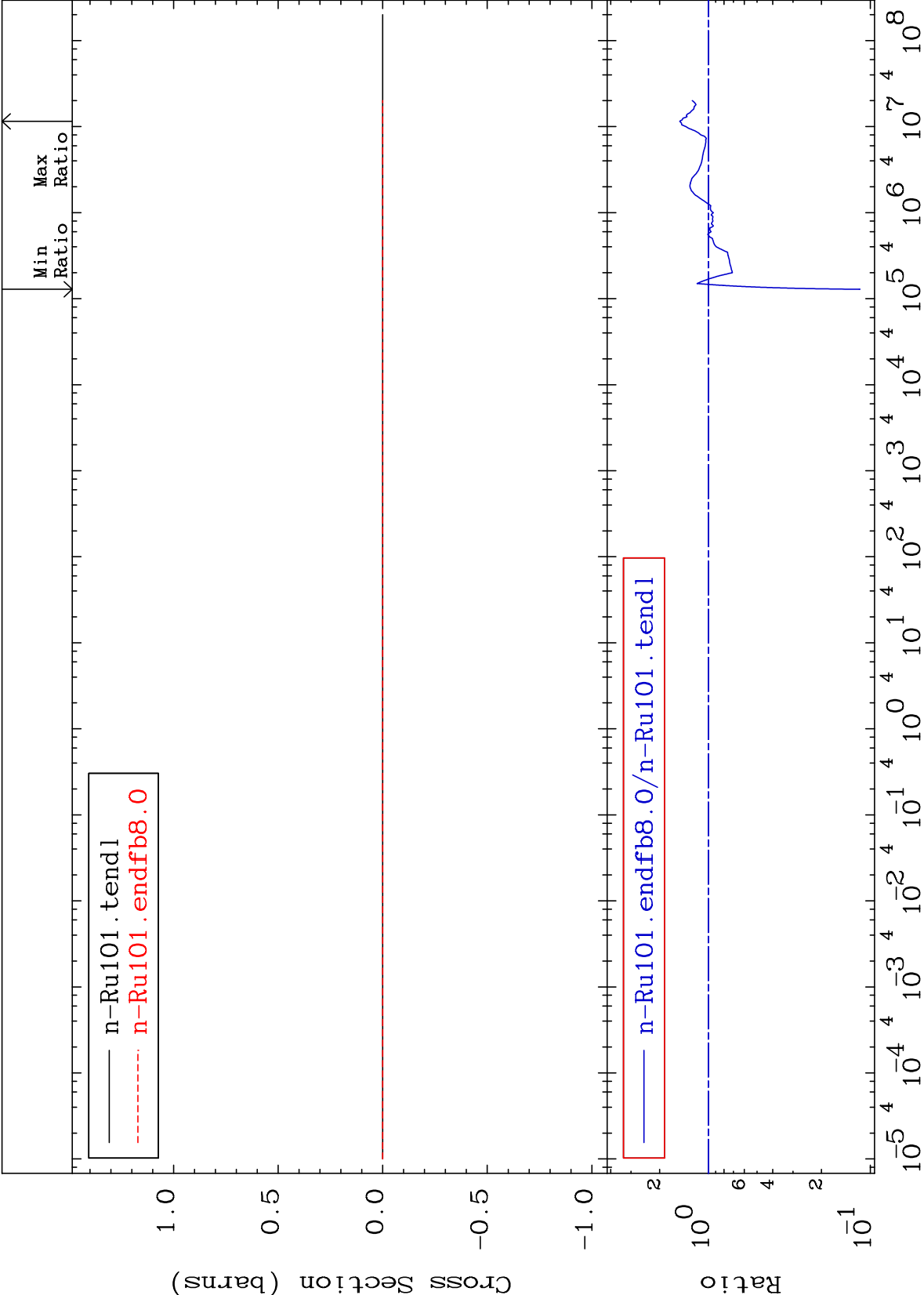
Kerma elastic
Cross Section

44-Ru-101
-92.08 To 180.9 %









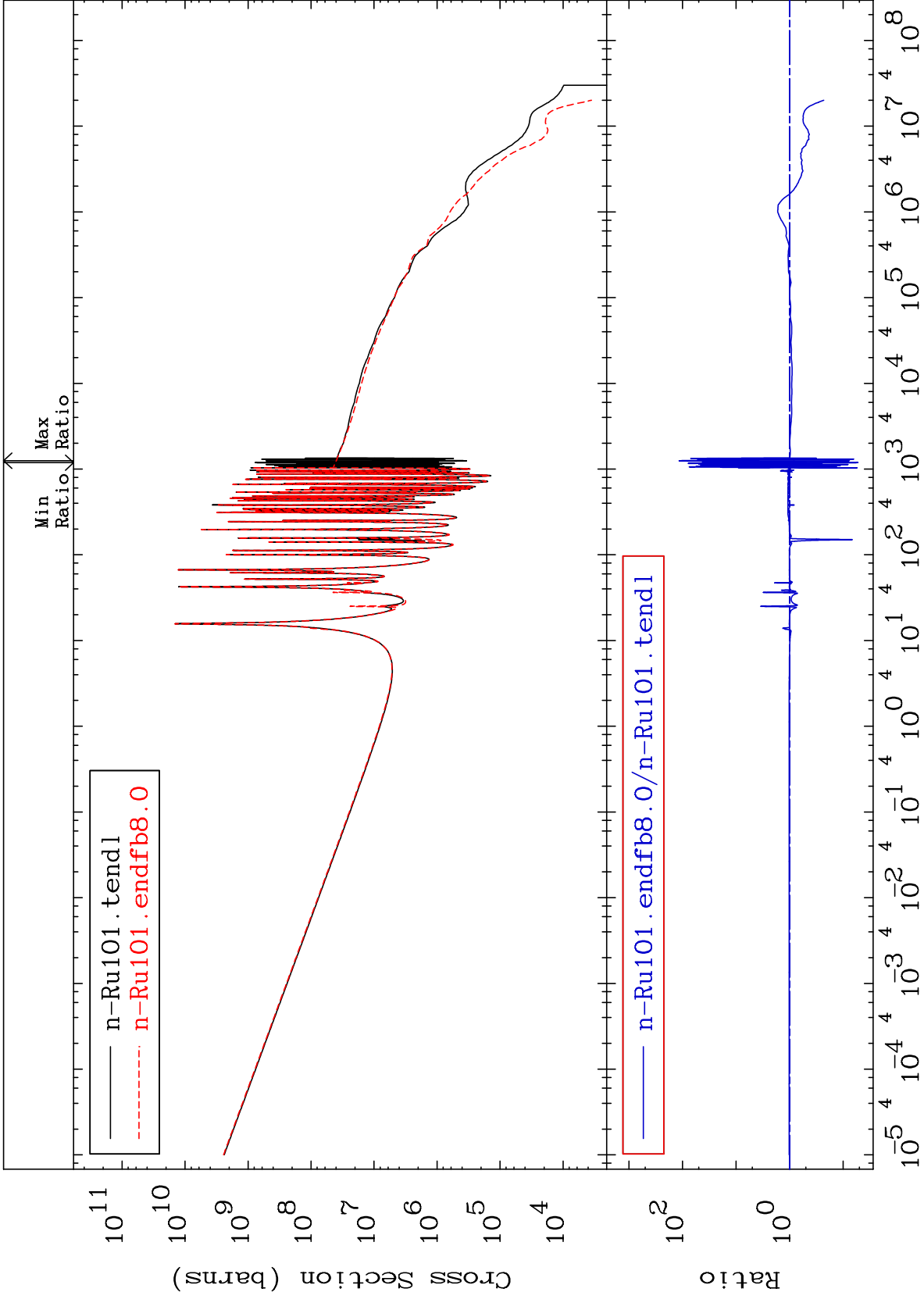
MAT 4440

Kerma capture (mt102)

44-Ru-101

Cross Section

-94.69 To 9999. %



40

Incident Energy (eV)

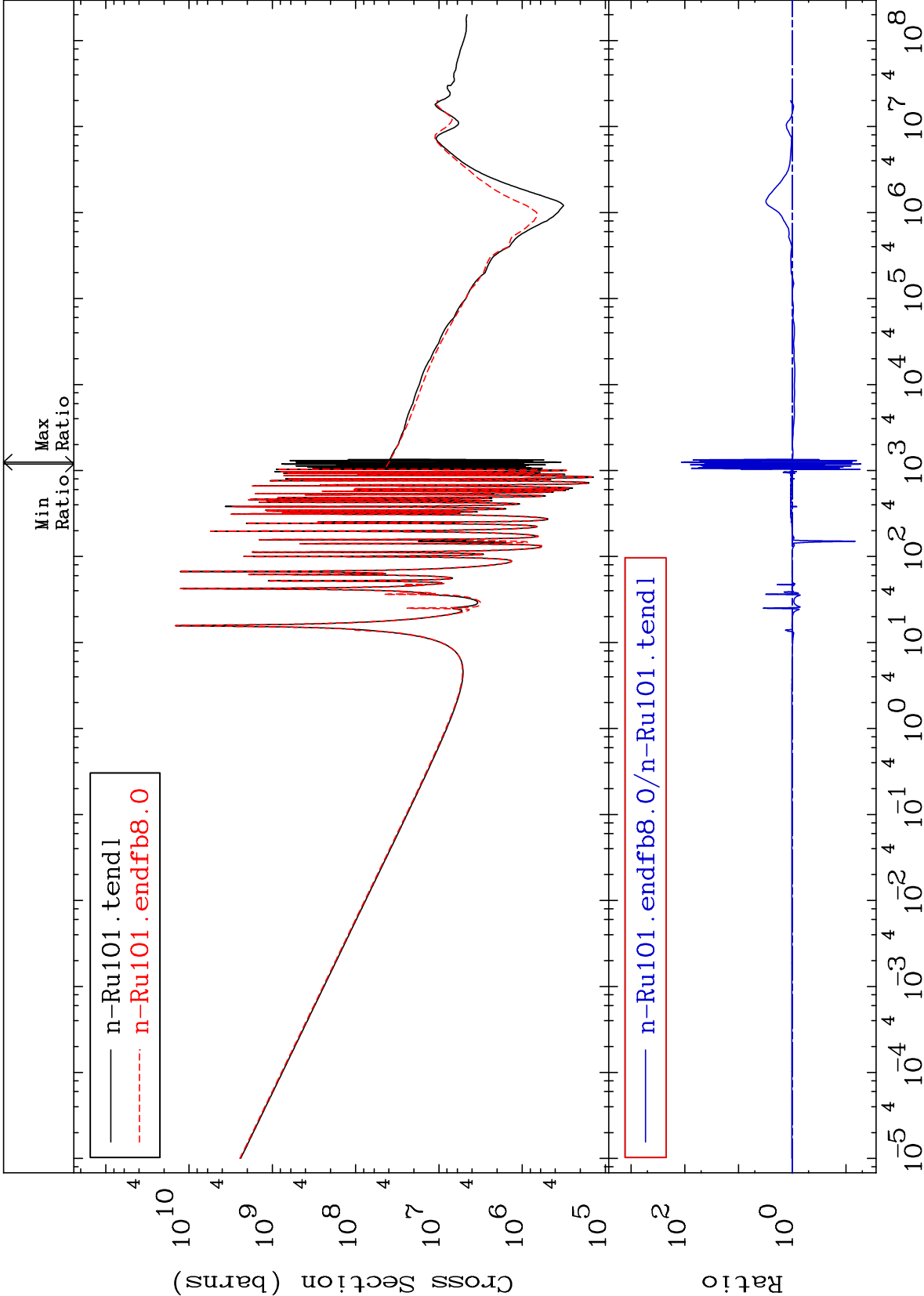
44-Ru-101

MAT 4440

Total photon (eV-barns)

44-Ru-101

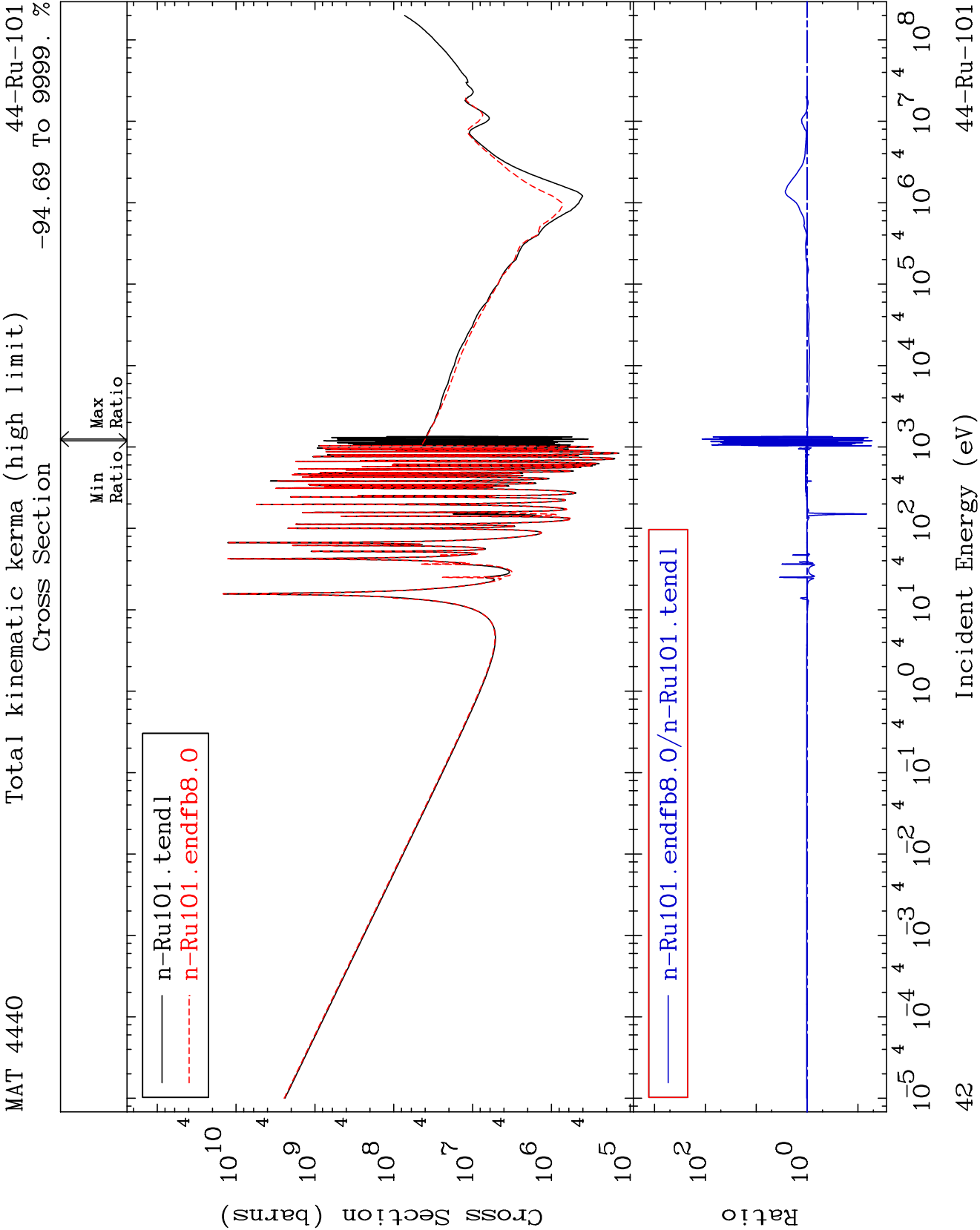
-94.69 To 9999. %



41

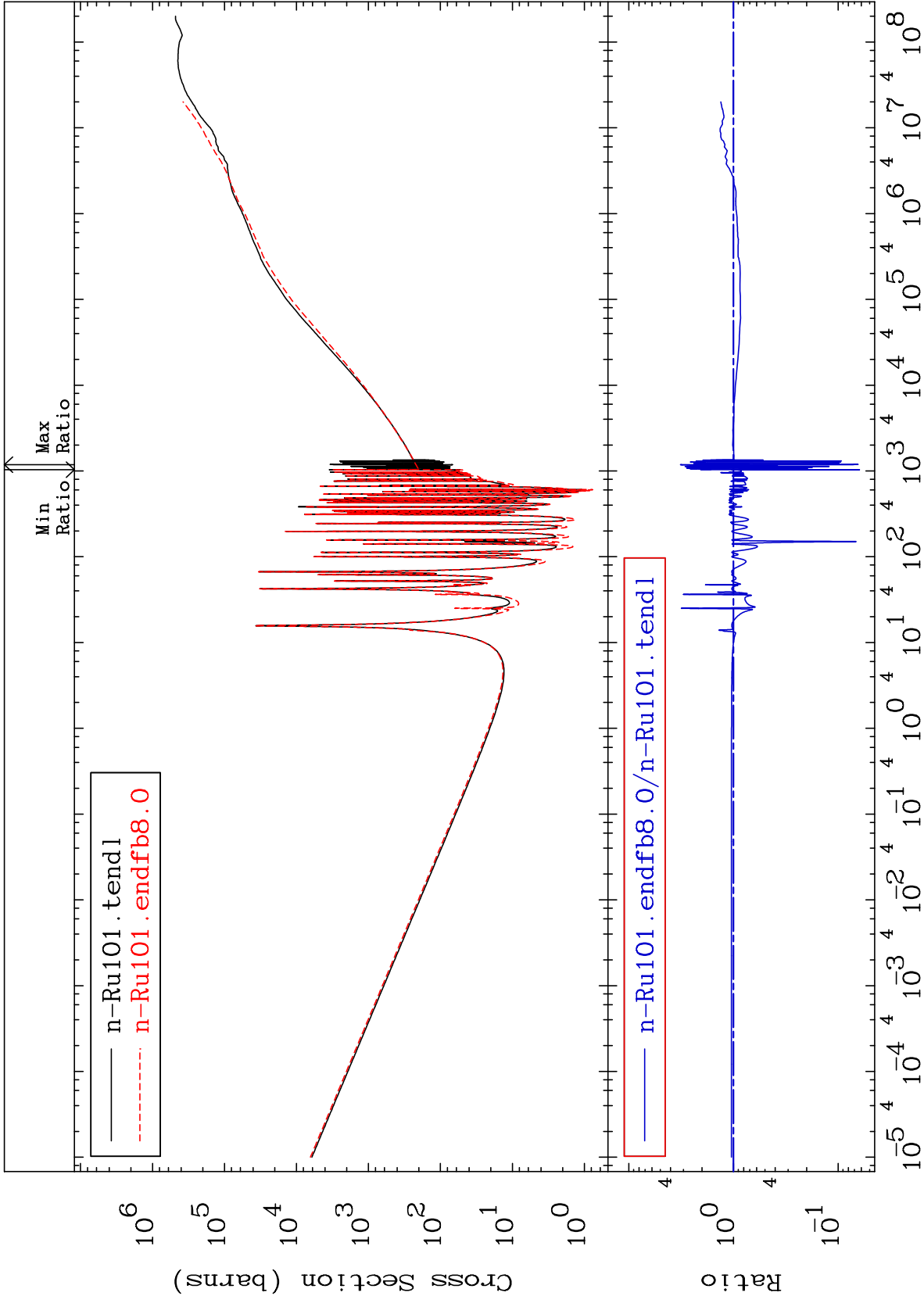
Incident Energy (eV)

44-Ru-101



Cross Section

-93.74 To 221.6 %



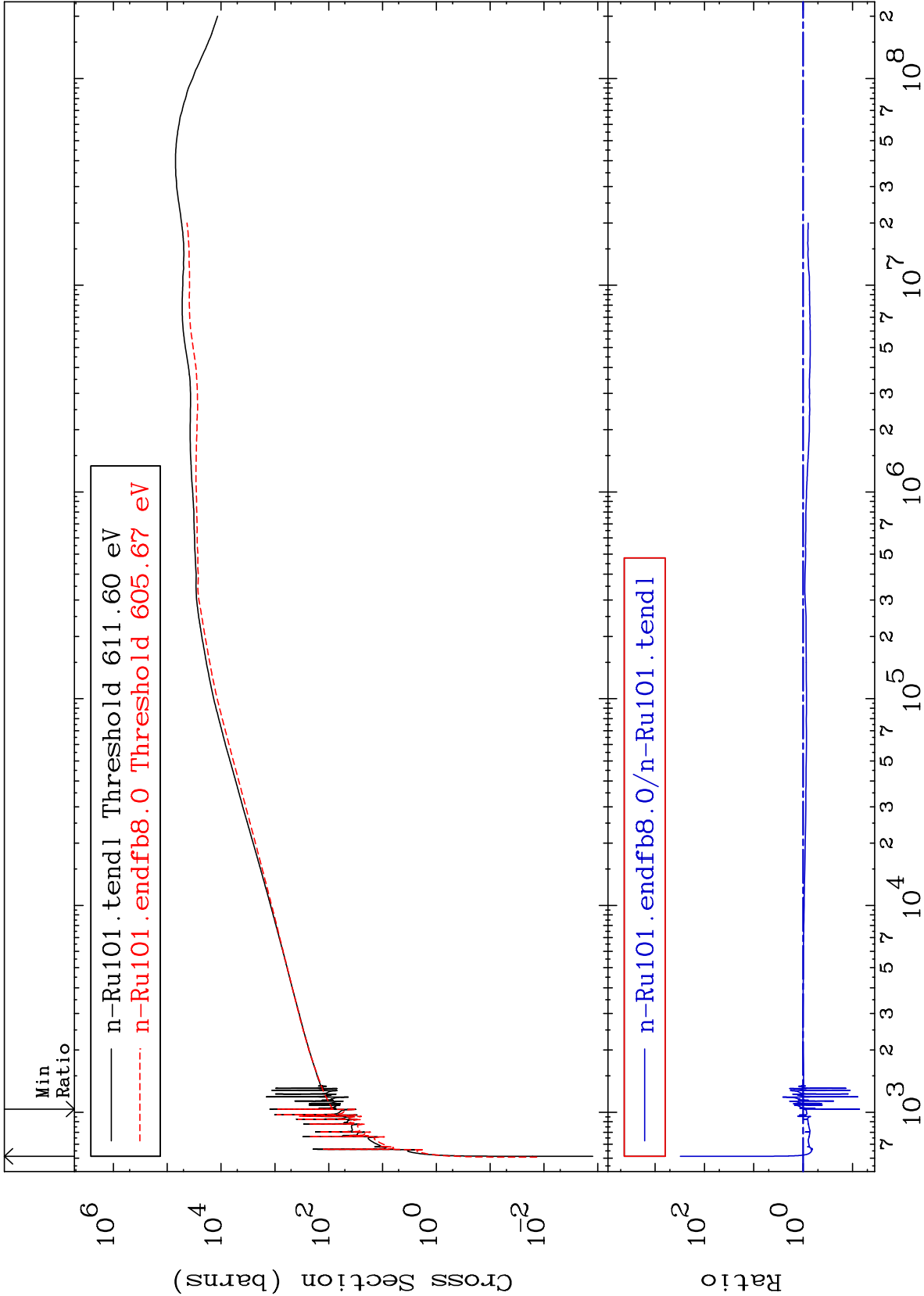
MAT 4440

Dpa elastic (mt2)

44-Ru-101

Cross Section

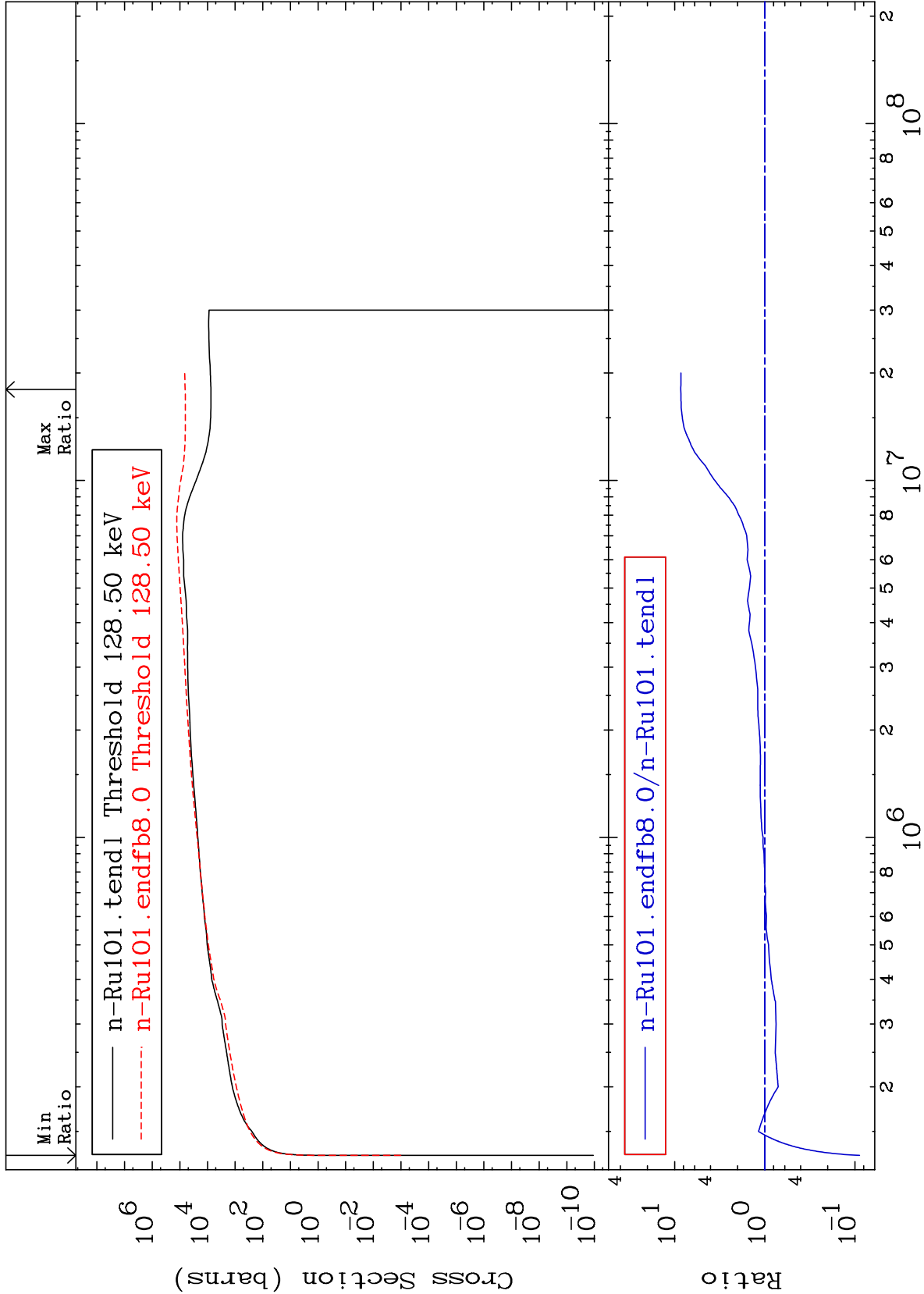
-92.77 To 9999. %



44

Incident Energy (eV)

44-Ru-101



MAT 4440

Dpa disappearance (mt102 -120)

44-Ru-101

-94.56 To 9228. %

Cross Section

