

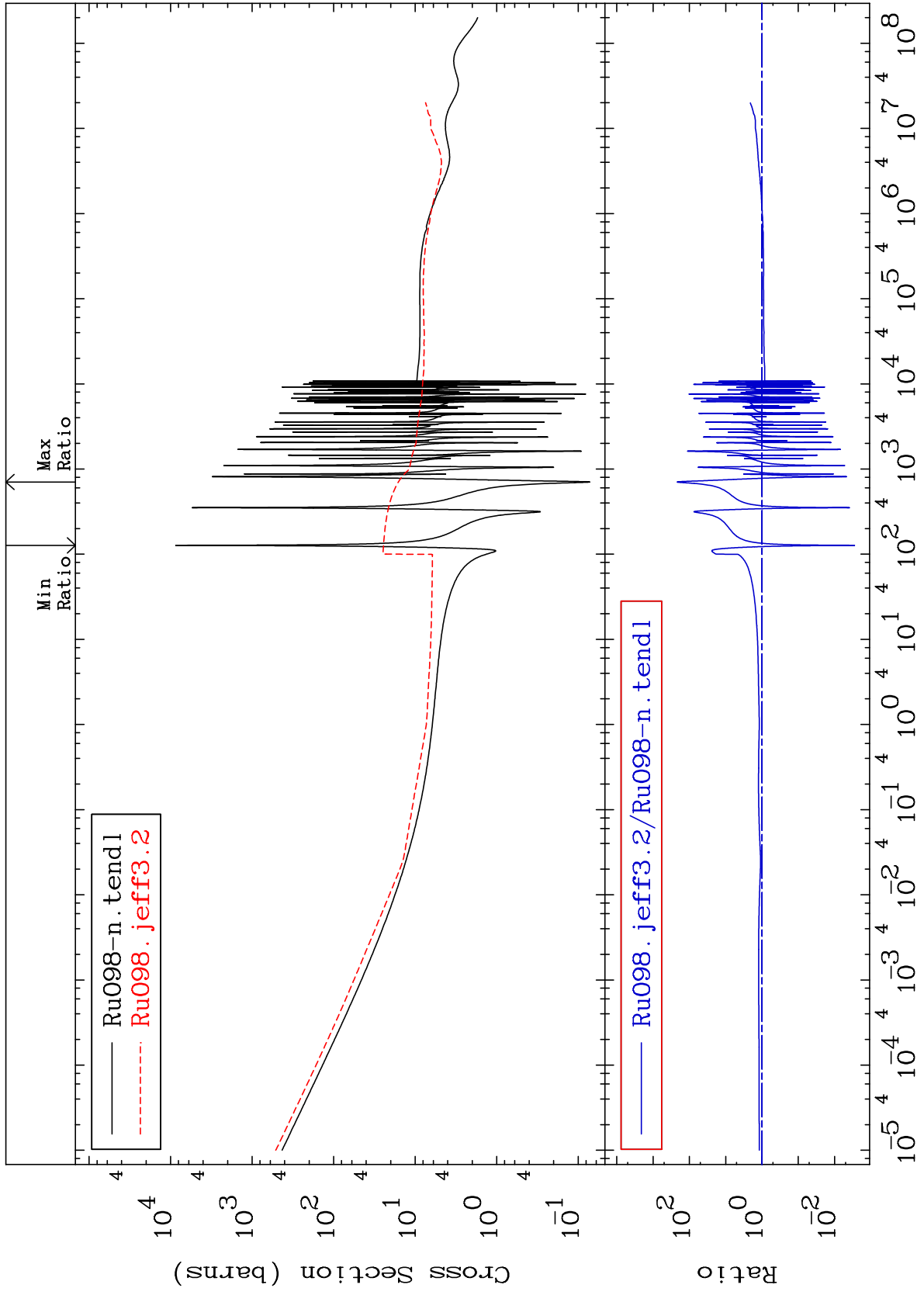
MAT 4431

Total

44-Ru-98

Cross Section

-99.72 To 9999. %



Incident Energy (eV)

44-Ru-98

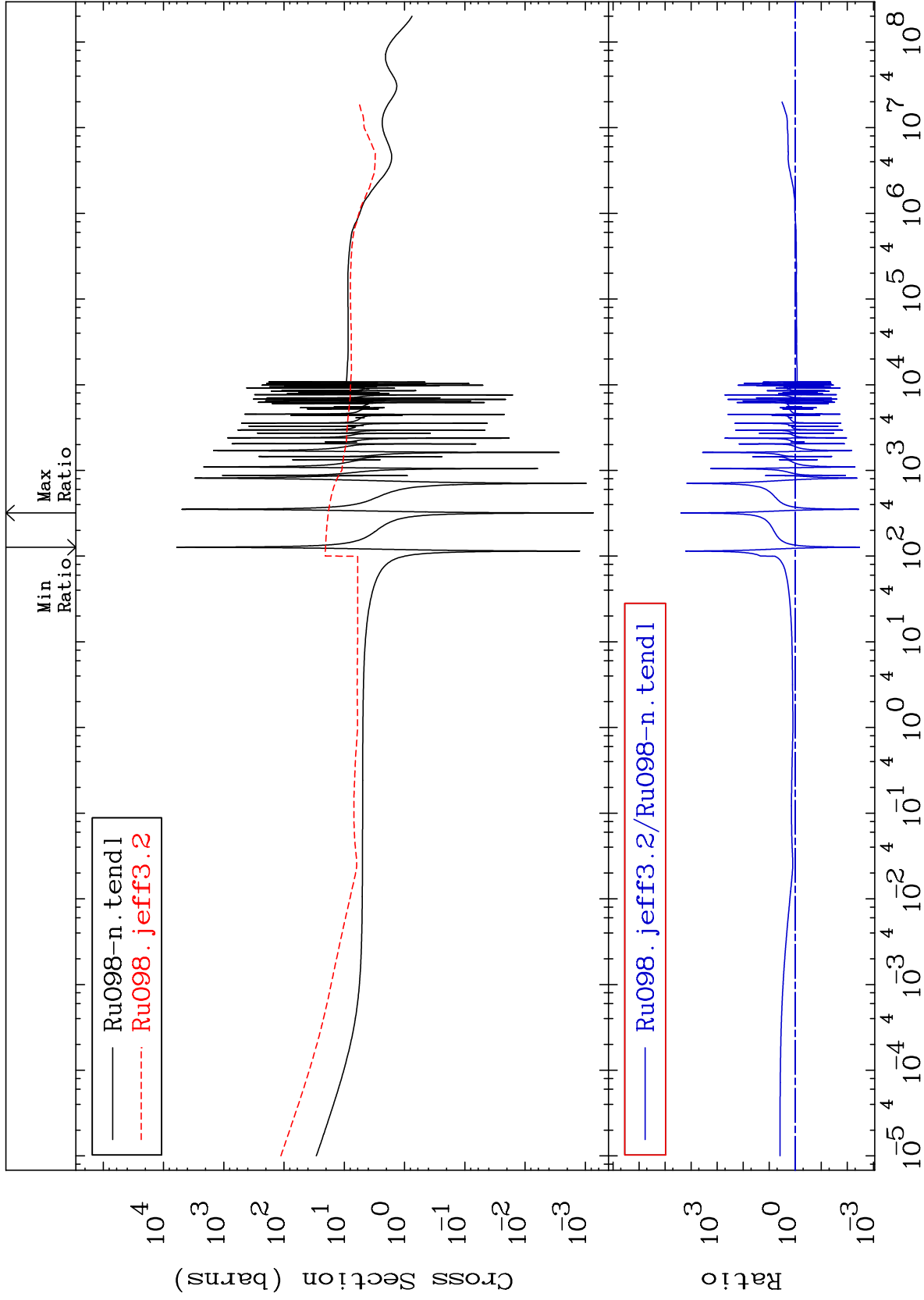
MAT 4431

Elastic

Cross Section

44-Ru-98

-99.66 To 9999. %



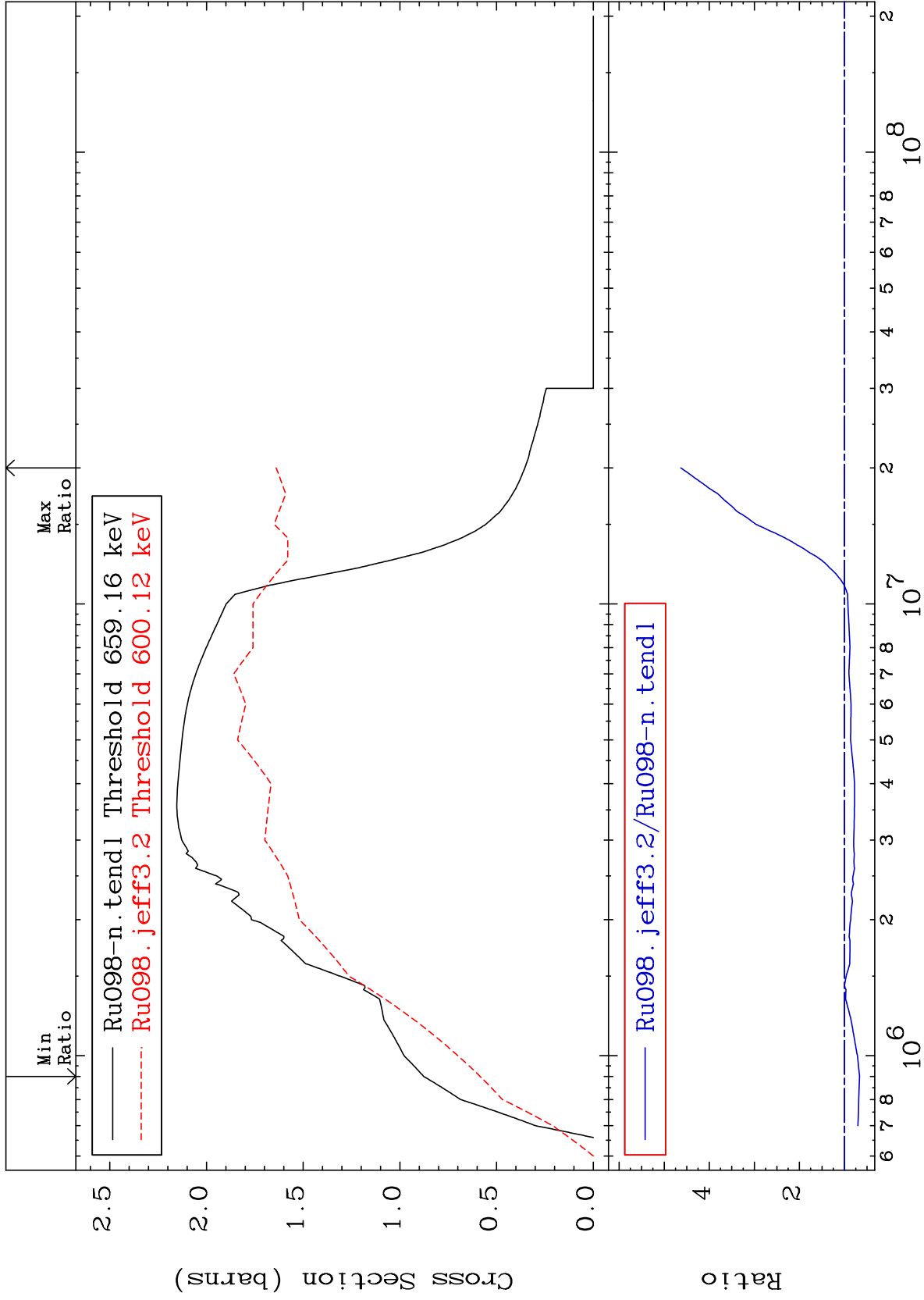
MAT 4431

Inelastic

44-Ru-98

Cross Section

-33.29 To 363.2 %



3

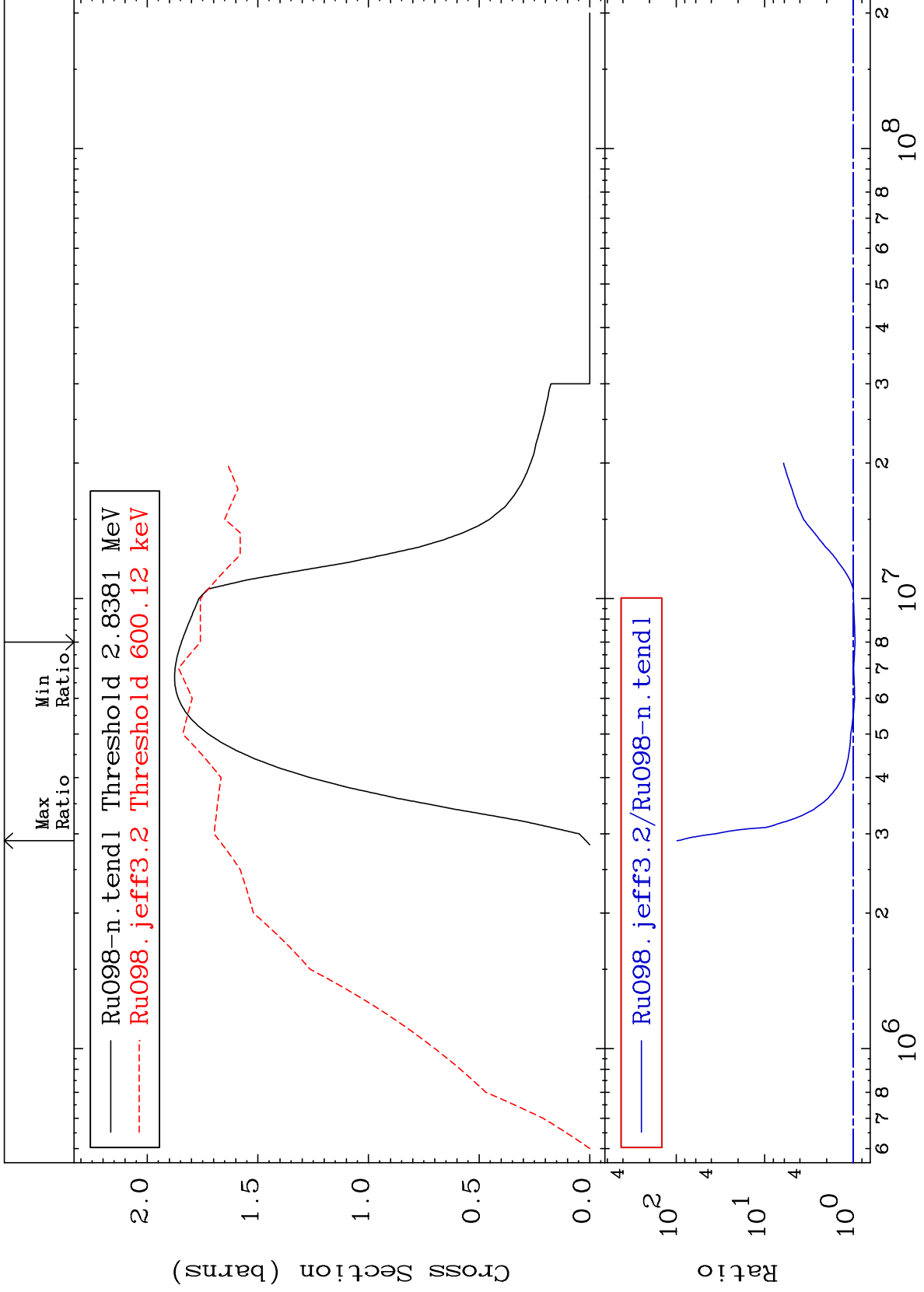
Incident Energy (eV)

44-Ru-98

MAT 4431

(n, n') Continuum
Cross Section

44-Ru-98
-4.655 To 9709. %



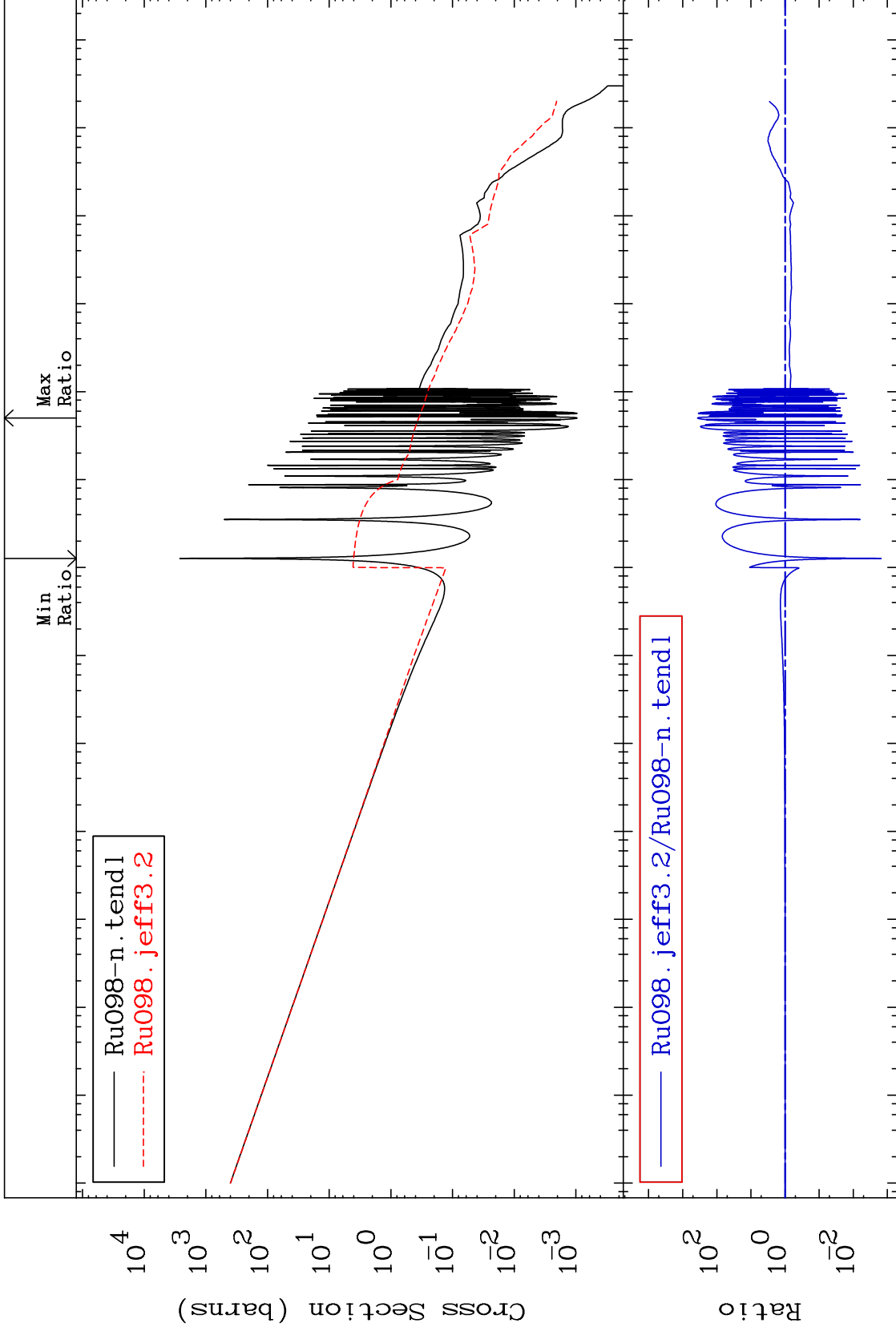
4

Incident Energy (eV)

44-Ru-98

MAT 4431

(n, γ)
Cross Section
44-Ru-98
-99.85 To 9999. %



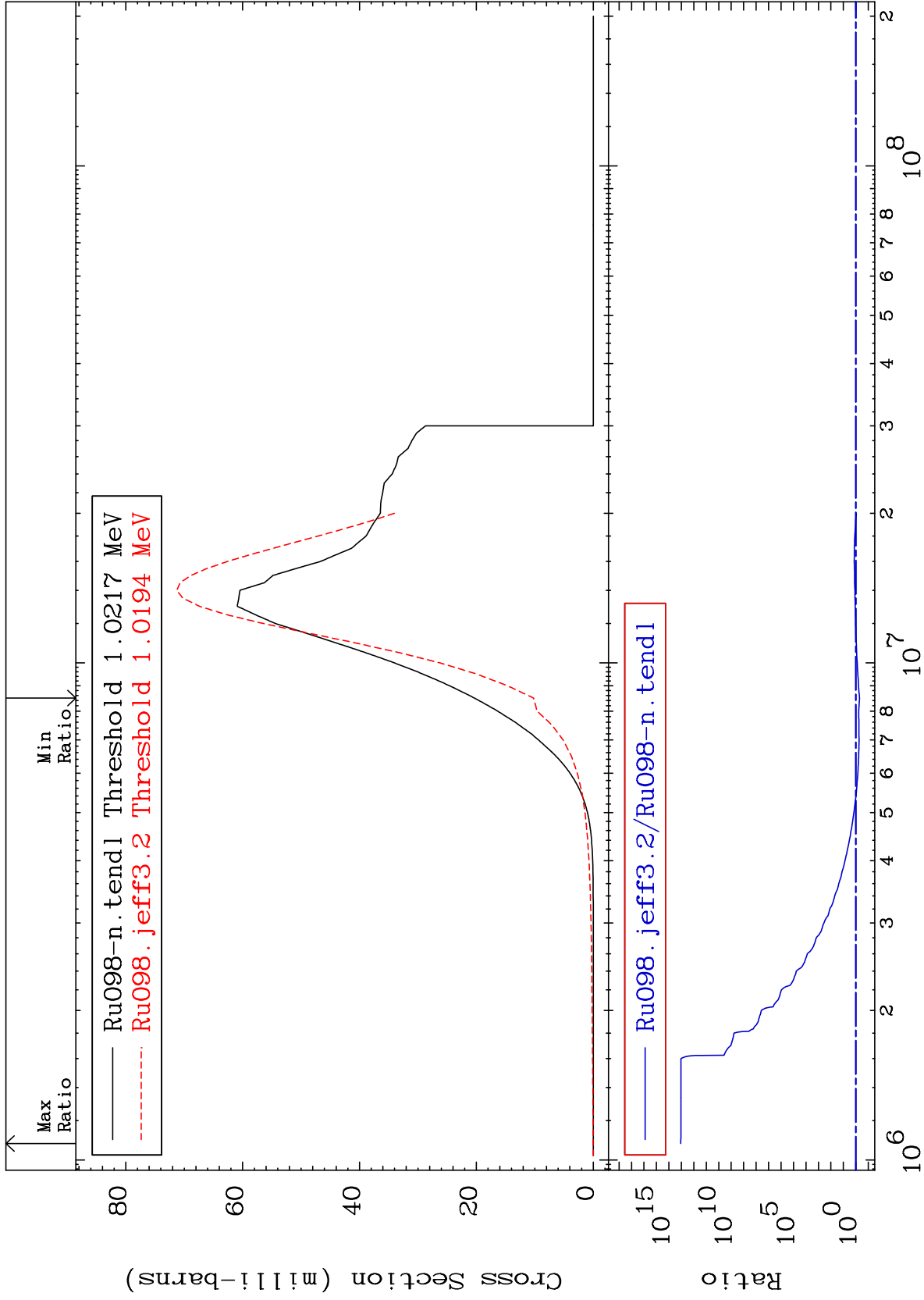
MAT 4431

(n,p)

44-Ru-98

Cross Section

-49.82 To 9999. %



44-Ru-98

MAT 4431

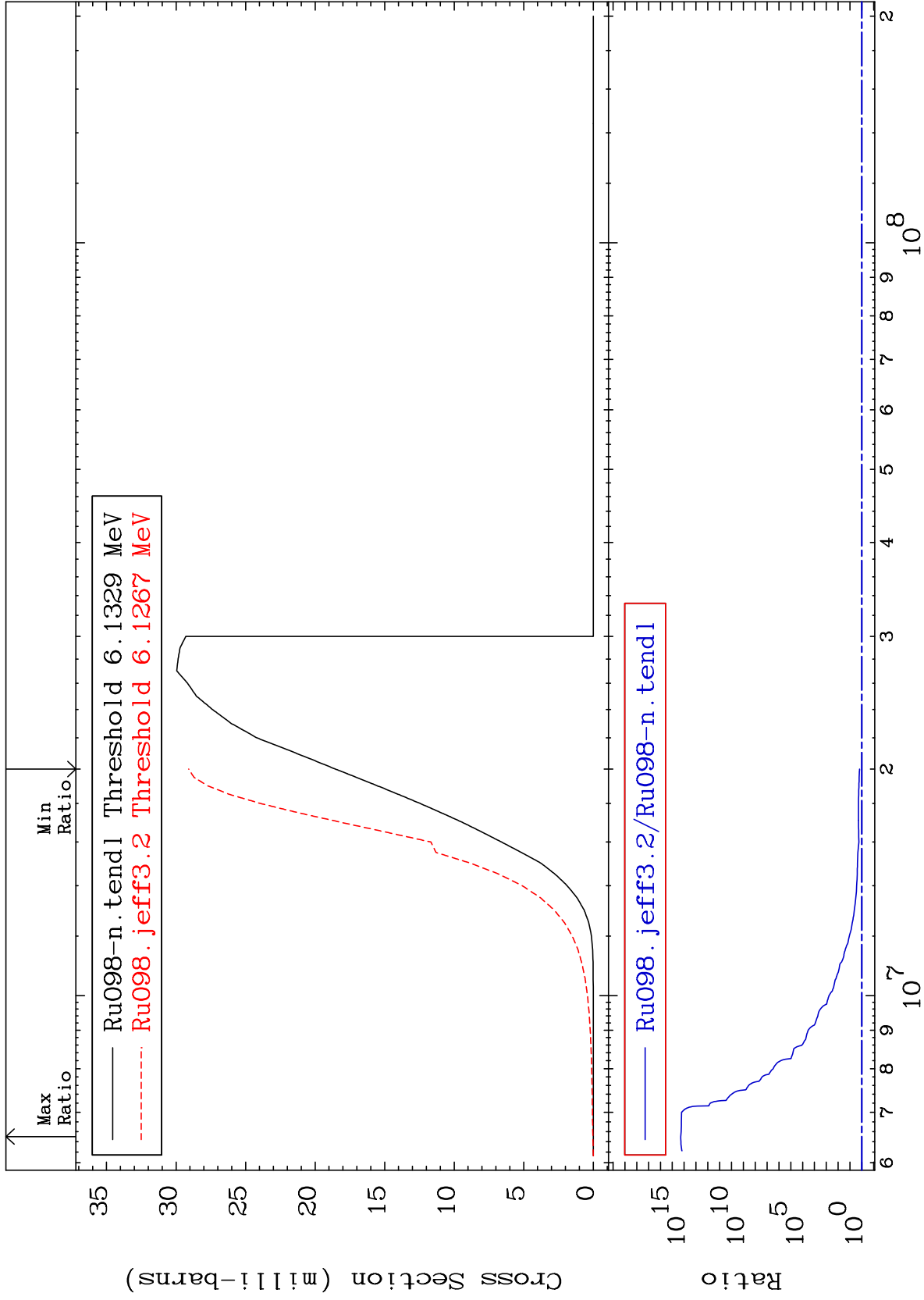
(n, d)

44-Ru-98

Cross Section

56.87

To 9999. %



7

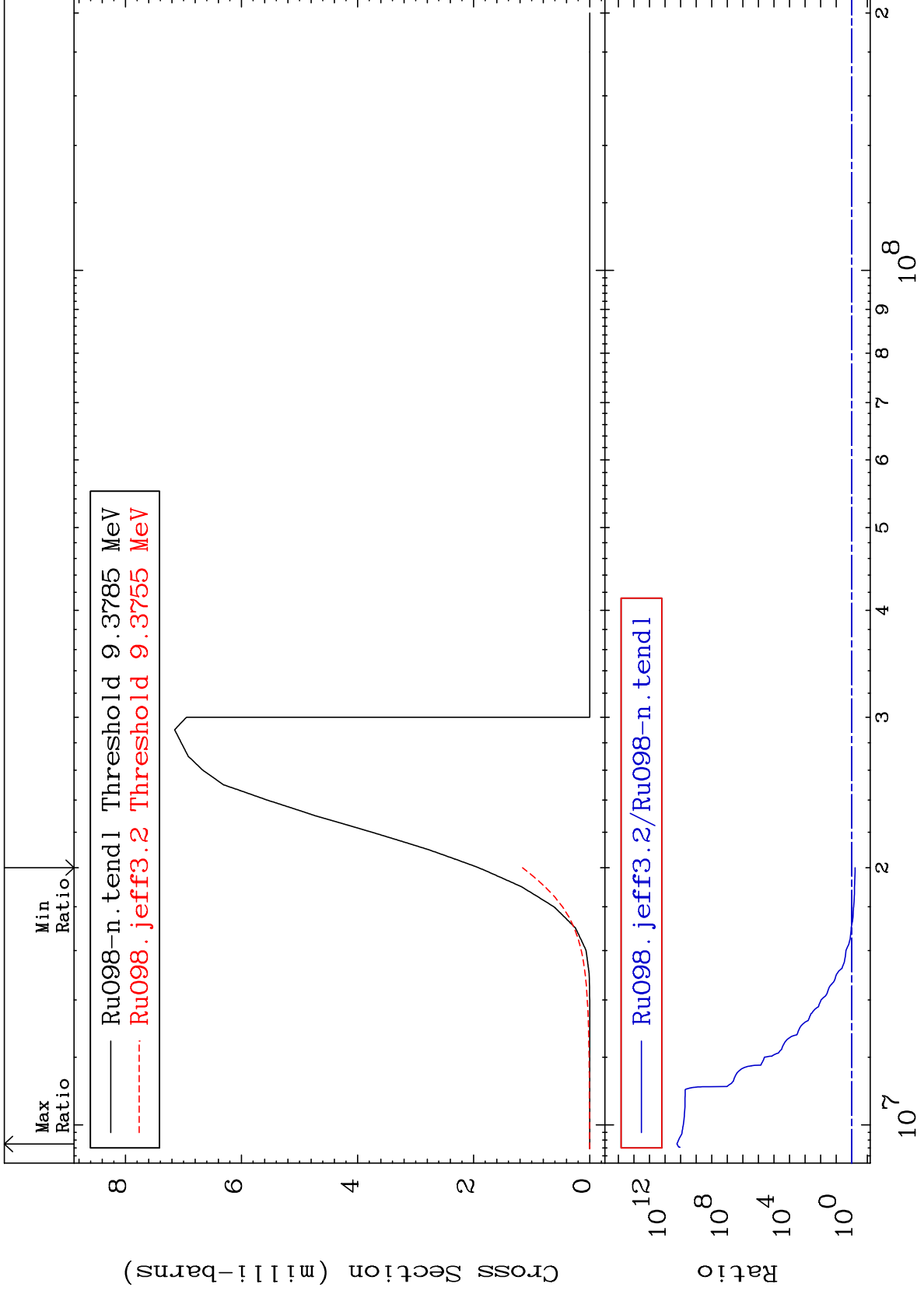
Incident Energy (eV)

44-Ru-98

MAT 4431

(n, t)
Cross Section

44-Ru-98
-39.50 To 9999. %



Incident Energy (eV)

44-Ru-98

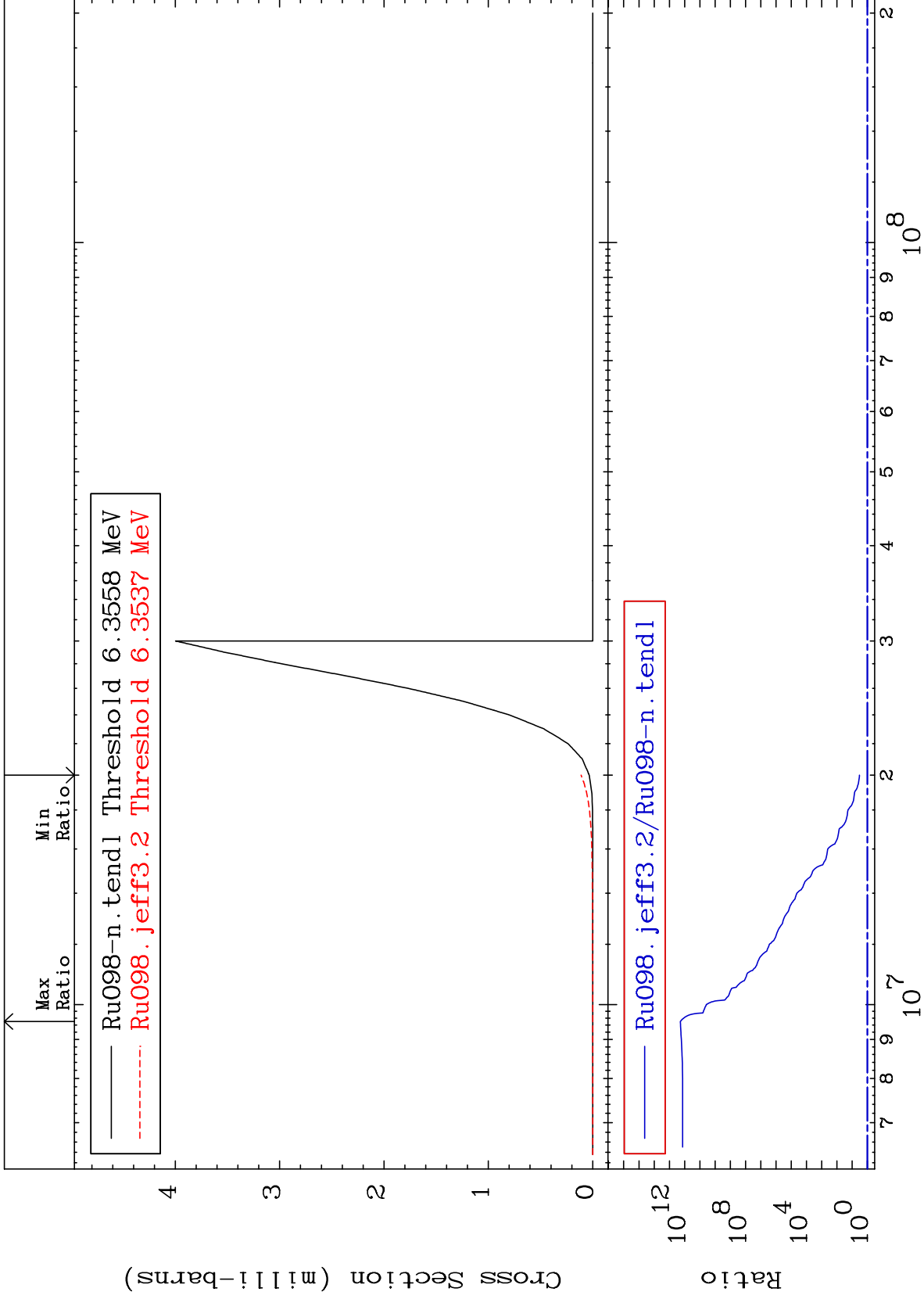
MAT 4431

(n, He-3)

44-Ru-98

Cross Section

232.3 To 9999. %



9

Incident Energy (eV)

44-Ru-98

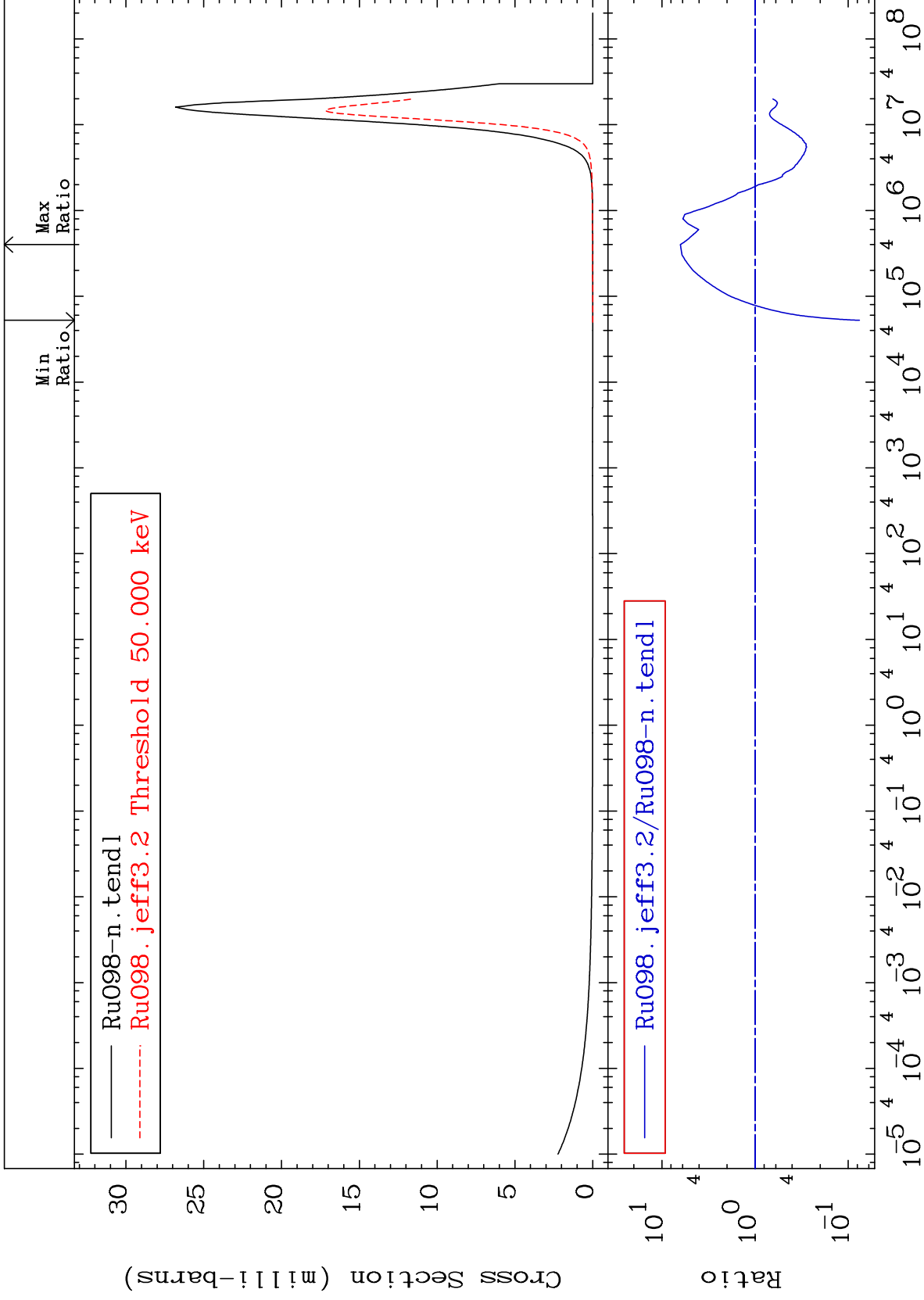
MAT 4431

(n, α)

44-Ru-98

Cross Section

-92.42 To 534.1 %



44-Ru-98

44-Ru-98

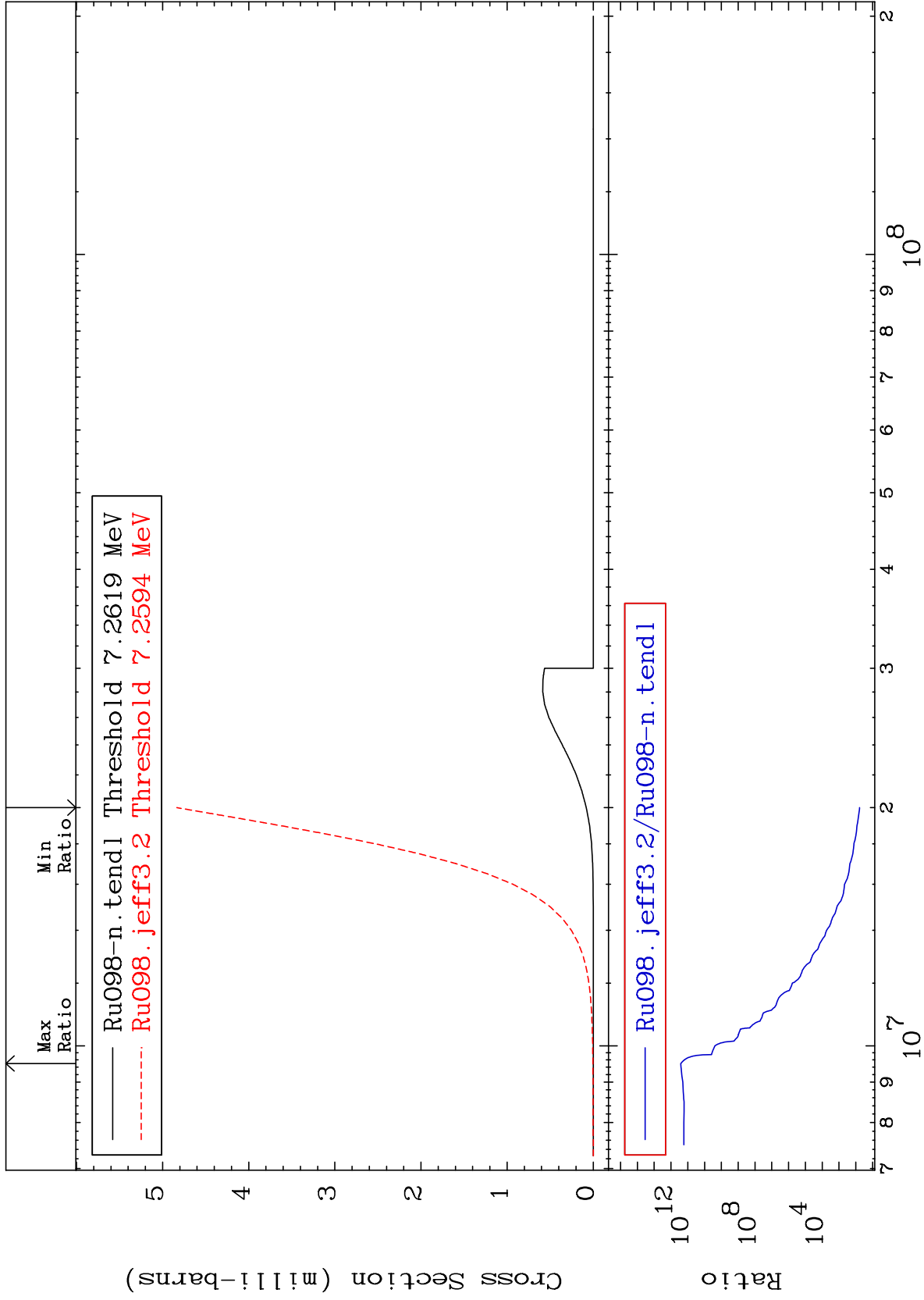
MAT 4431

(n,2p)

44-Ru-98

Cross Section

5888. To 9999. %



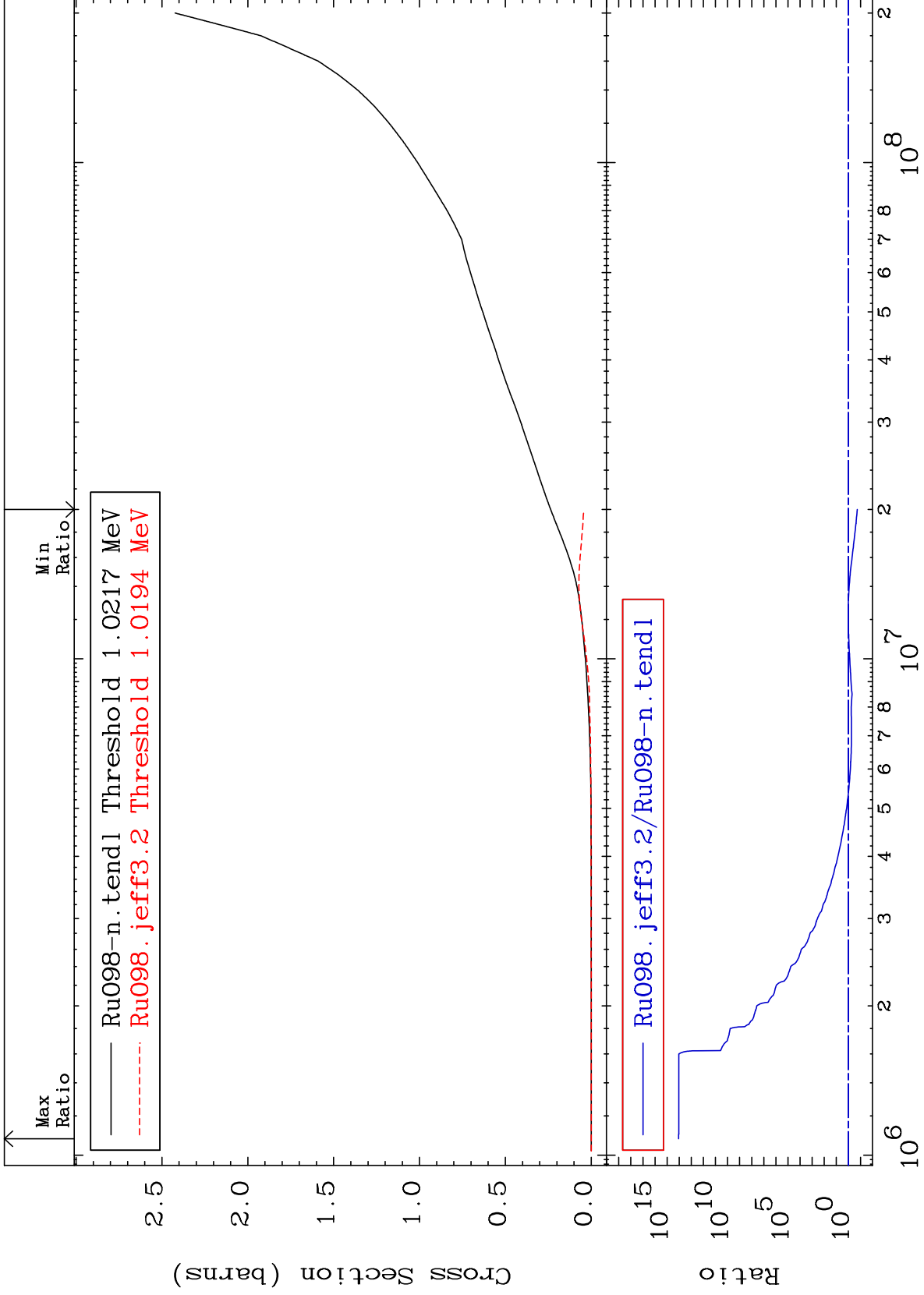
11

44-Ru-98

MAT 4431

Hydrogen Production
Cross Section

44-Ru-98
-81.51 To 9999. %



12

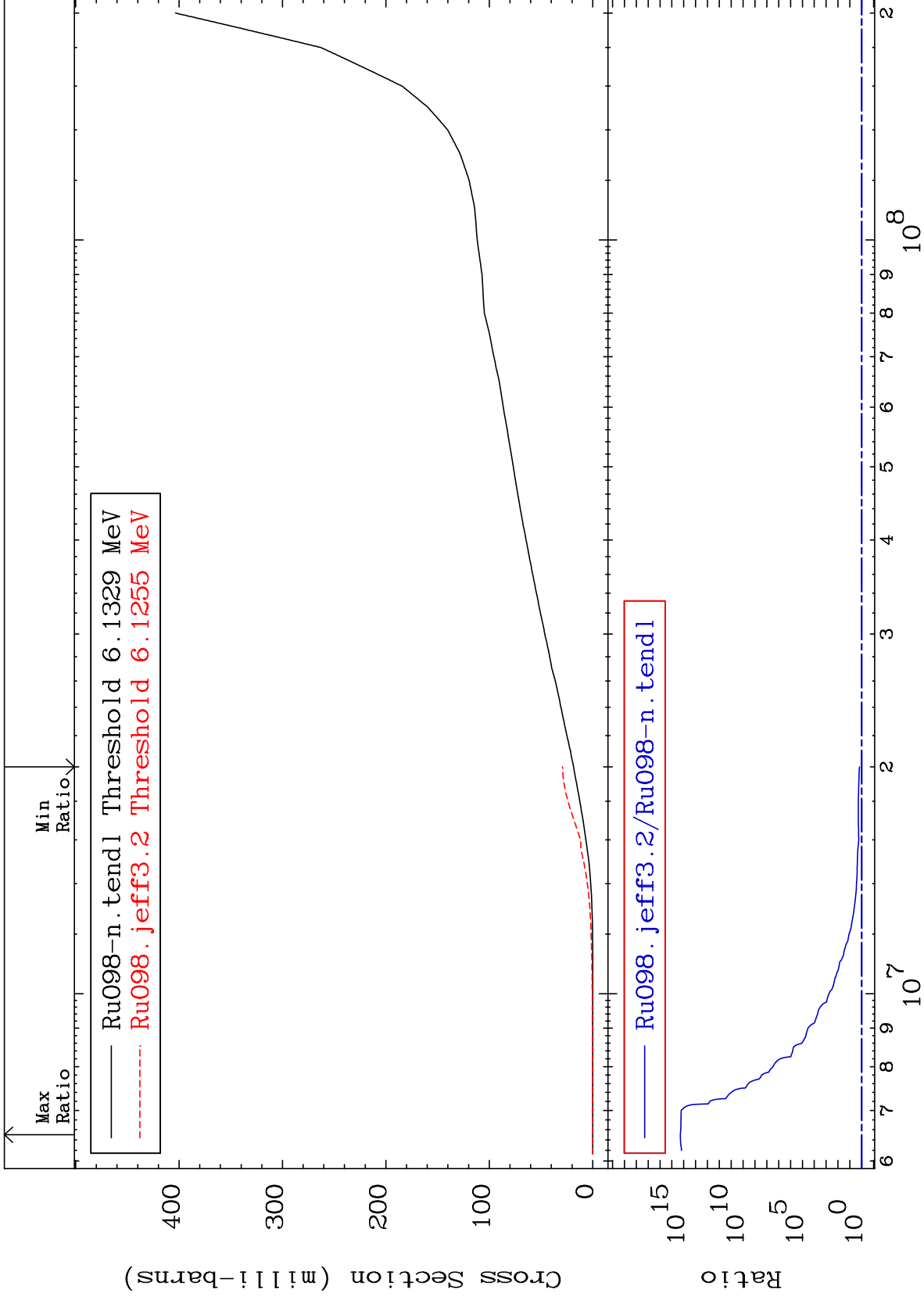
Incident Energy (eV)

44-Ru-98

MAT 4431

Deuterium Production
Cross Section

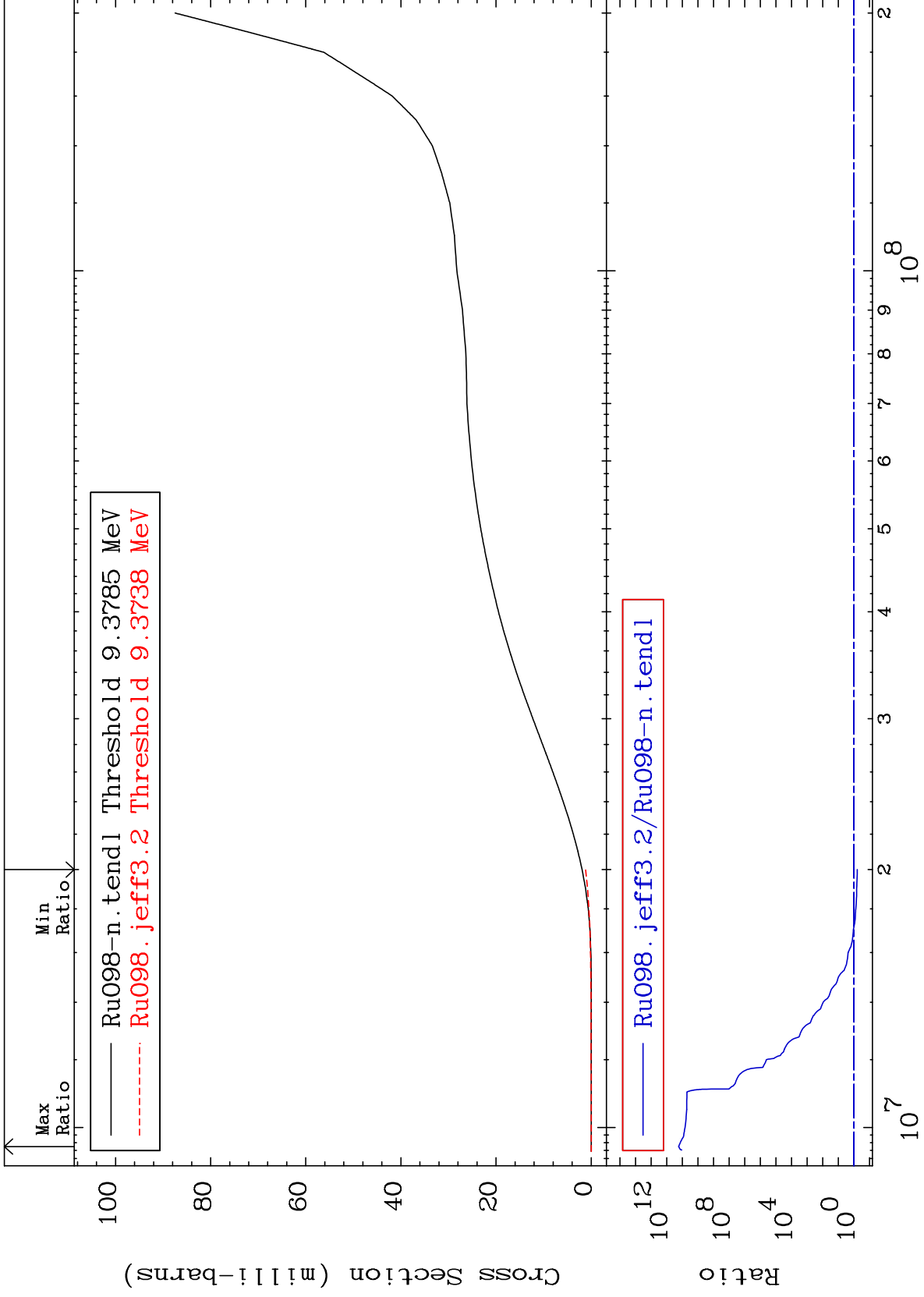
44-Ru-98
56.63 To 9999. %



MAT 4431

Tritium Production
Cross Section

44-Ru-98
-39.50 To 9999. %



14

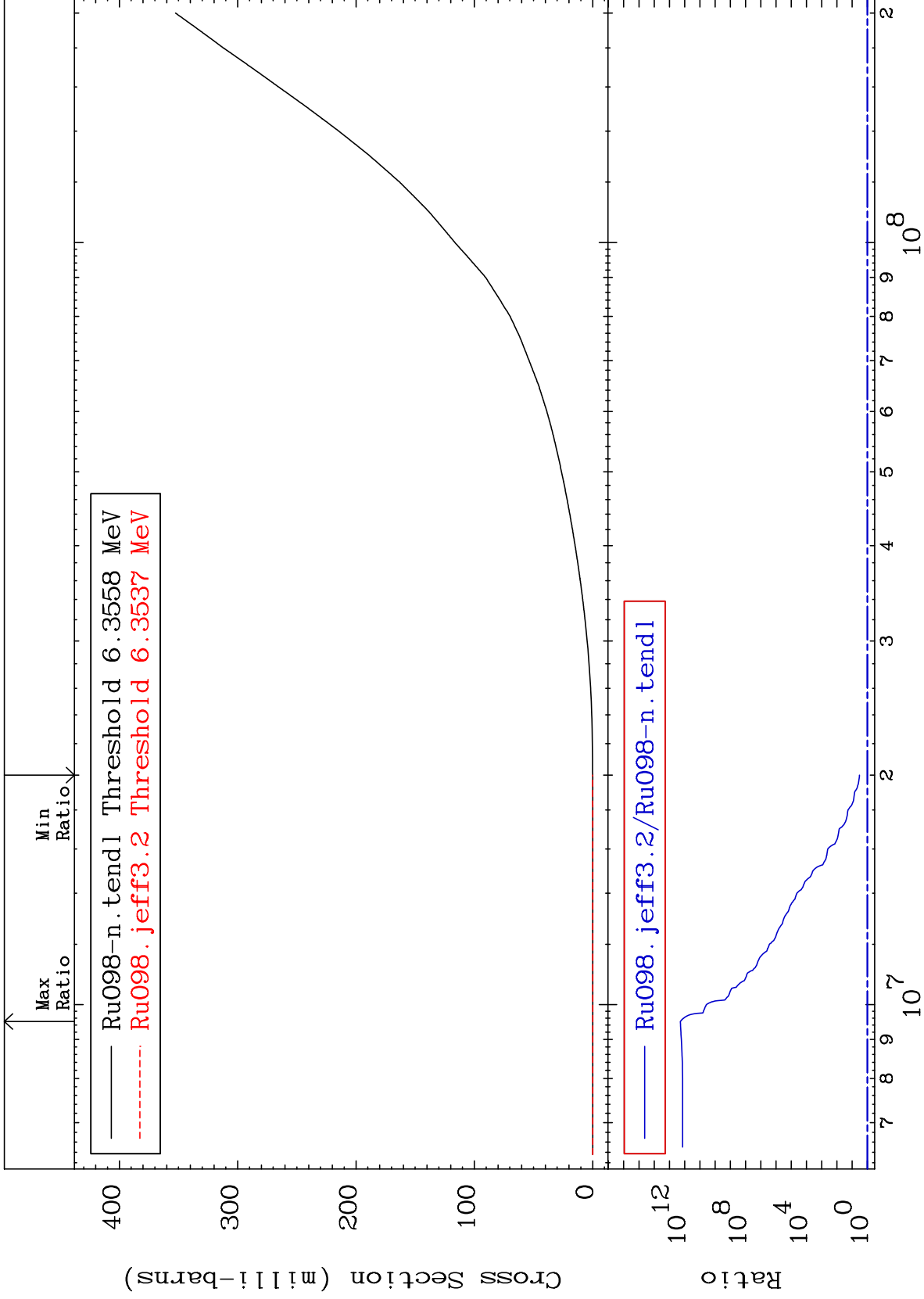
Incident Energy (eV)

44-Ru-98

MAT 4431

He-3 Production
Cross Section

44-Ru-98
232.3 To 9999. %



15

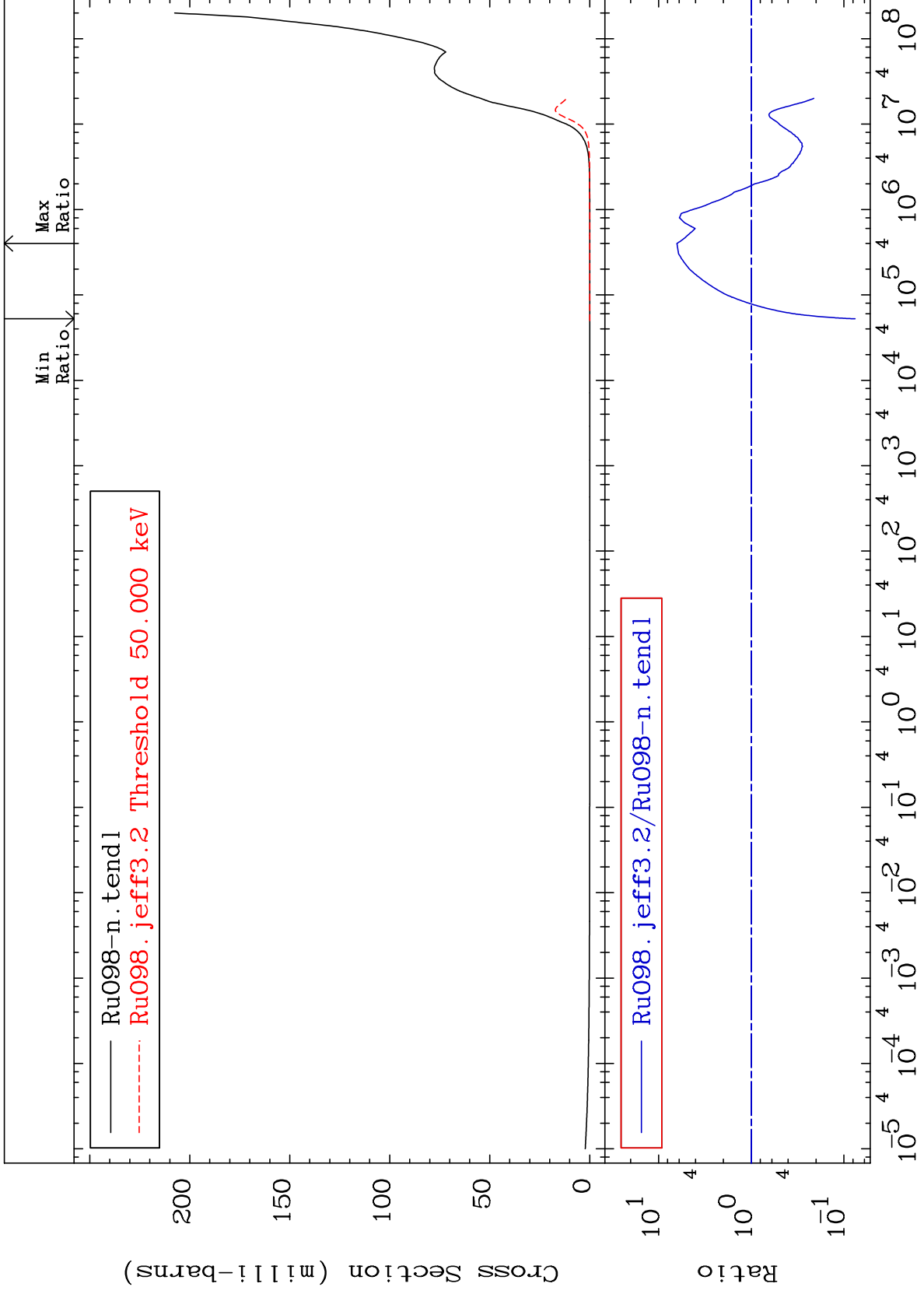
Incident Energy (eV)

44-Ru-98

MAT 4431

He-4 Production
Cross Section

44-Ru-98
-92.42 To 534.1 %



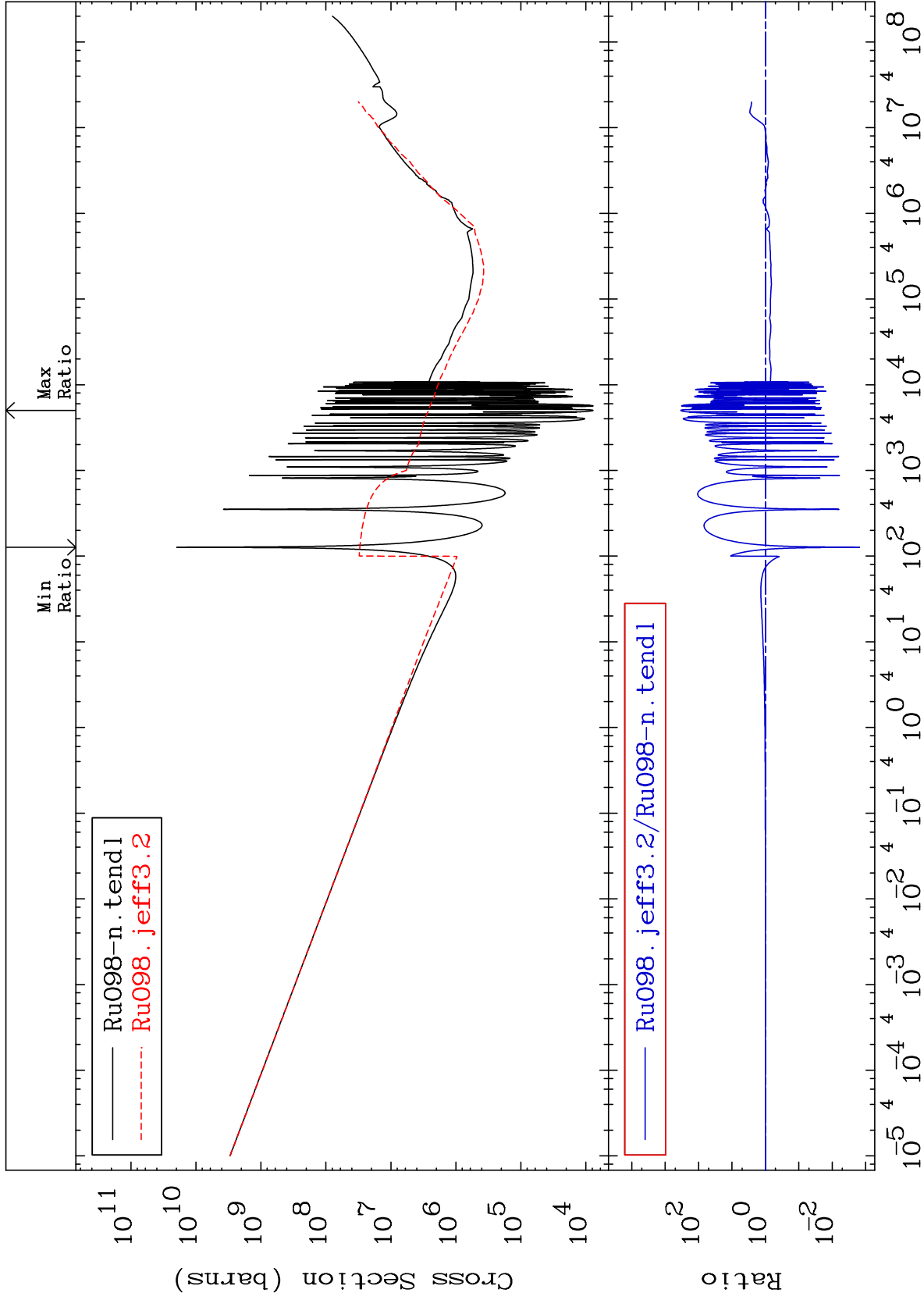
MAT 4431

Kerma total (eV-barns)

44-Ru-98

Cross Section

-99.85 To 9999. %



17

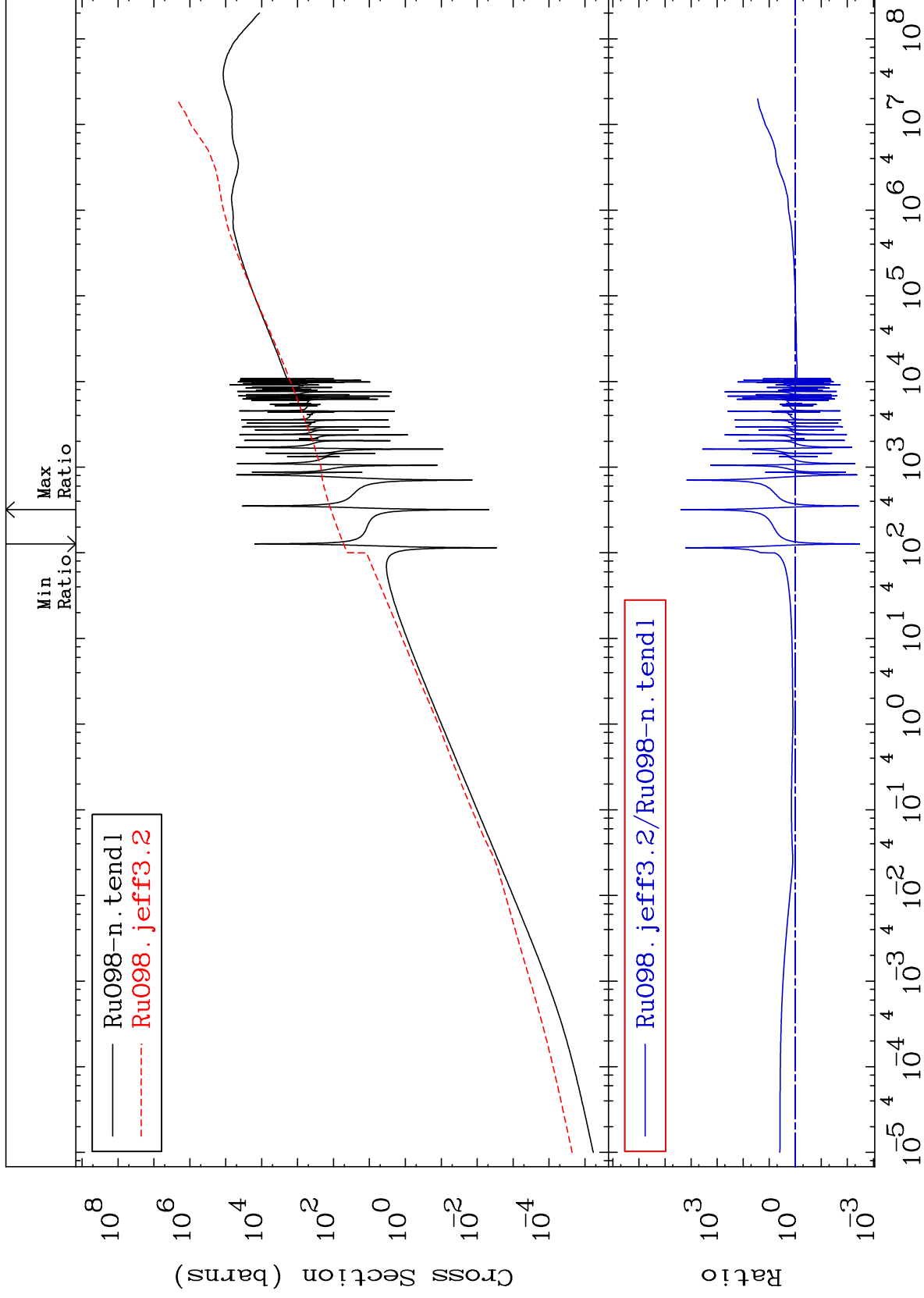
Incident Energy (eV)

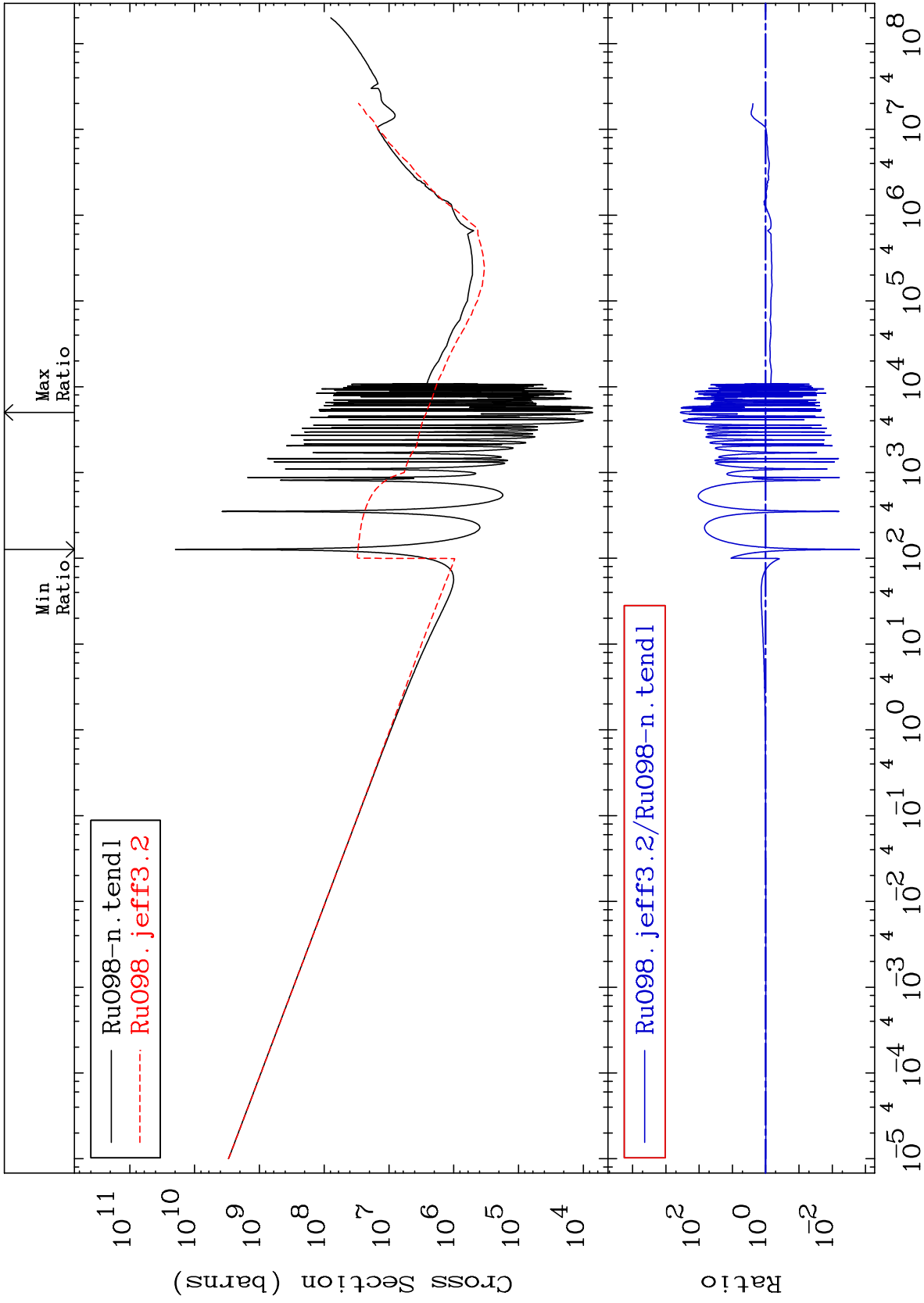
44-Ru-98

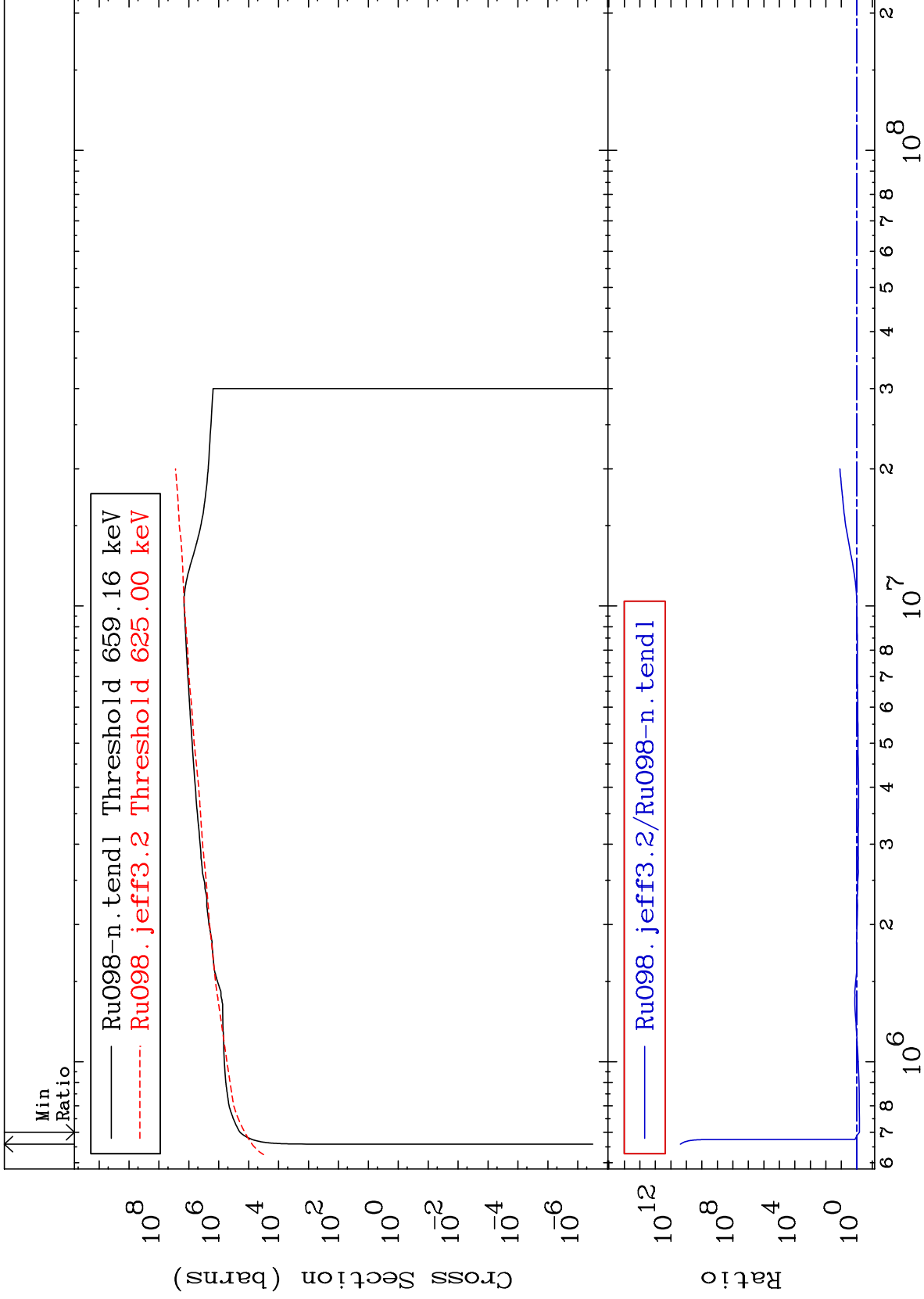
MAT 4431

Kerma elastic
Cross Section

44-Ru-98
-99.66 To 9999. %



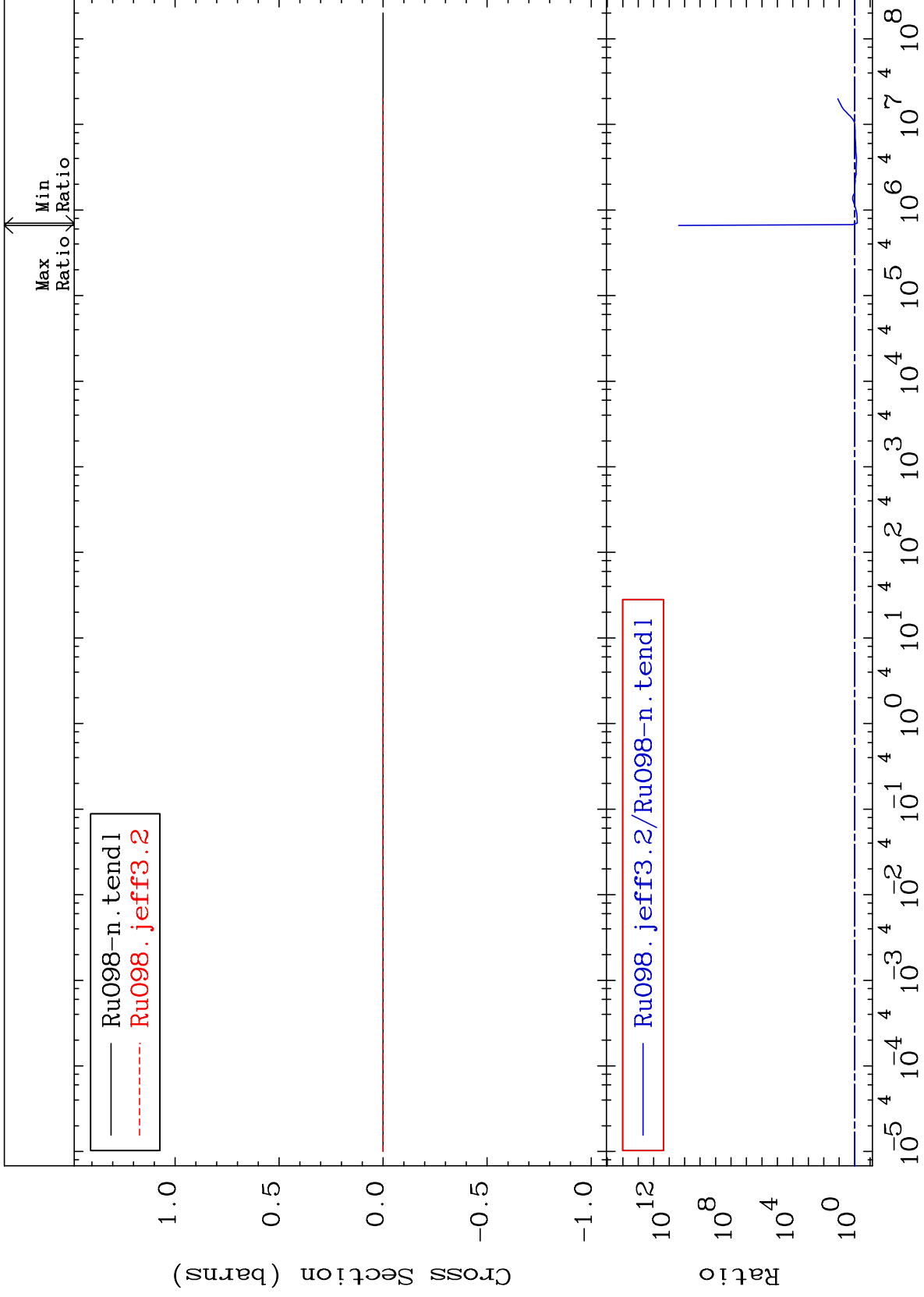




MAT 4431

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

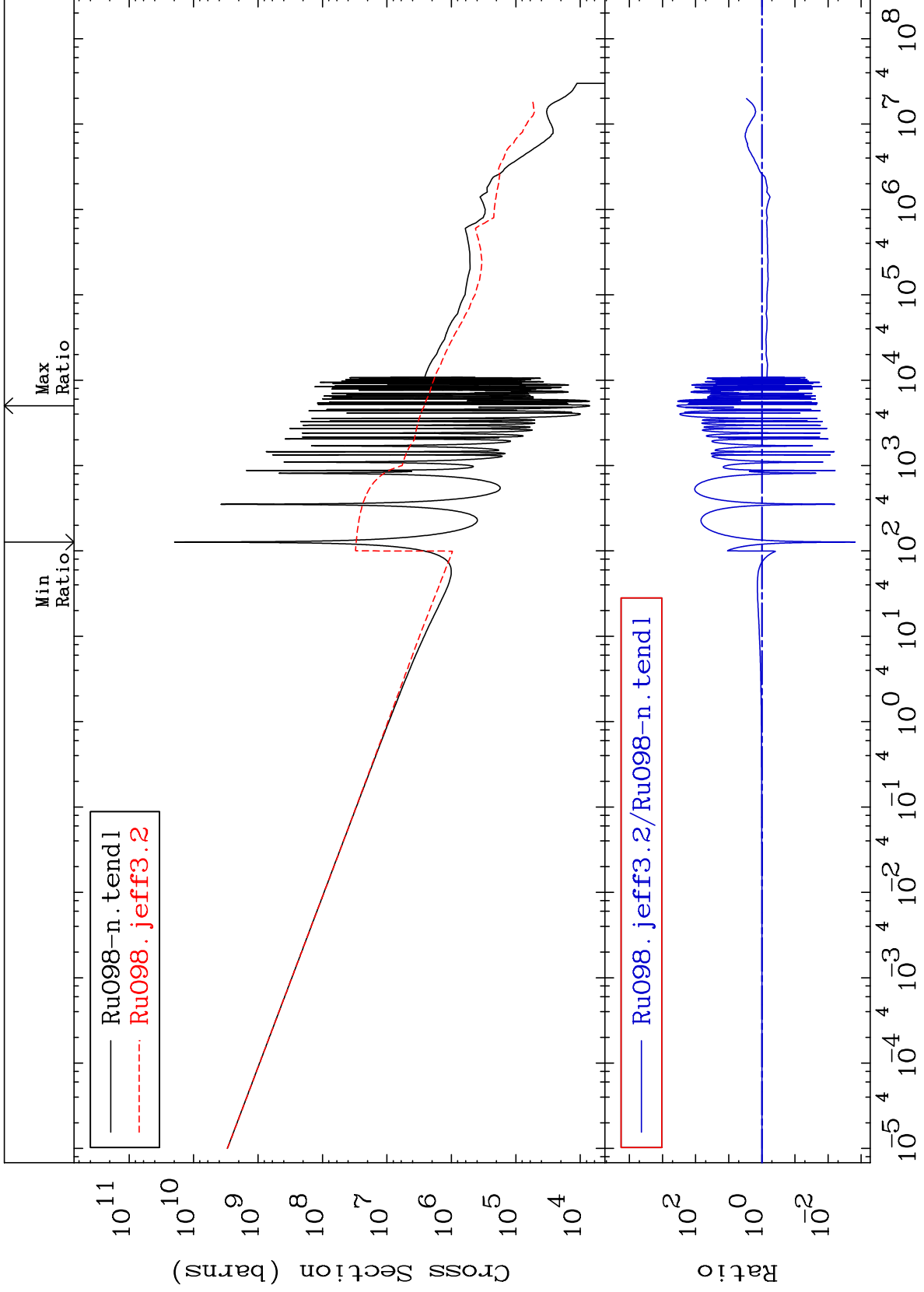
44-Ru-98
-32.19 To 9999. %

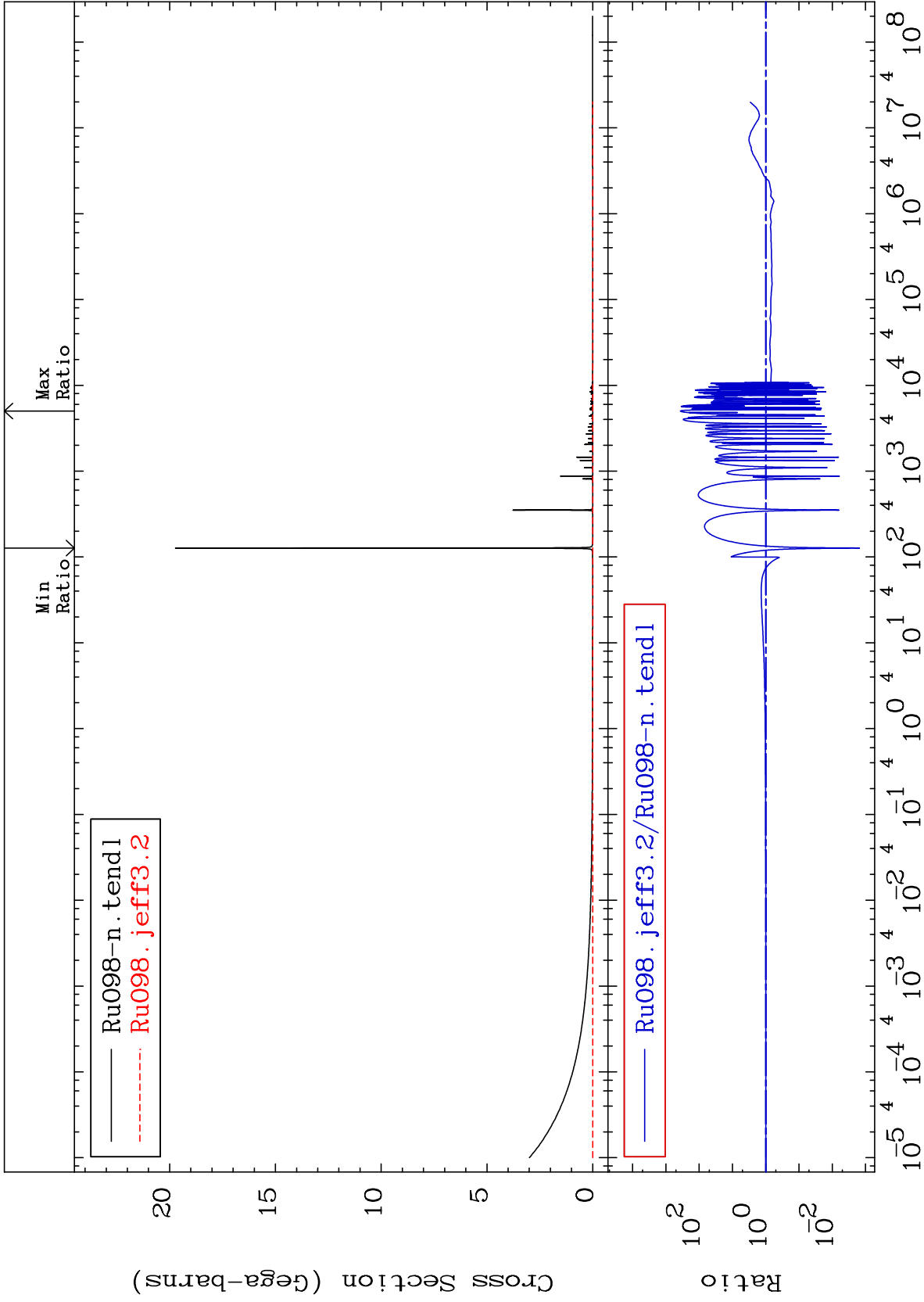


MAT 4431

Kerma capture (mt102)
Cross Section

44-Ru-98
-99.85 To 9999. %

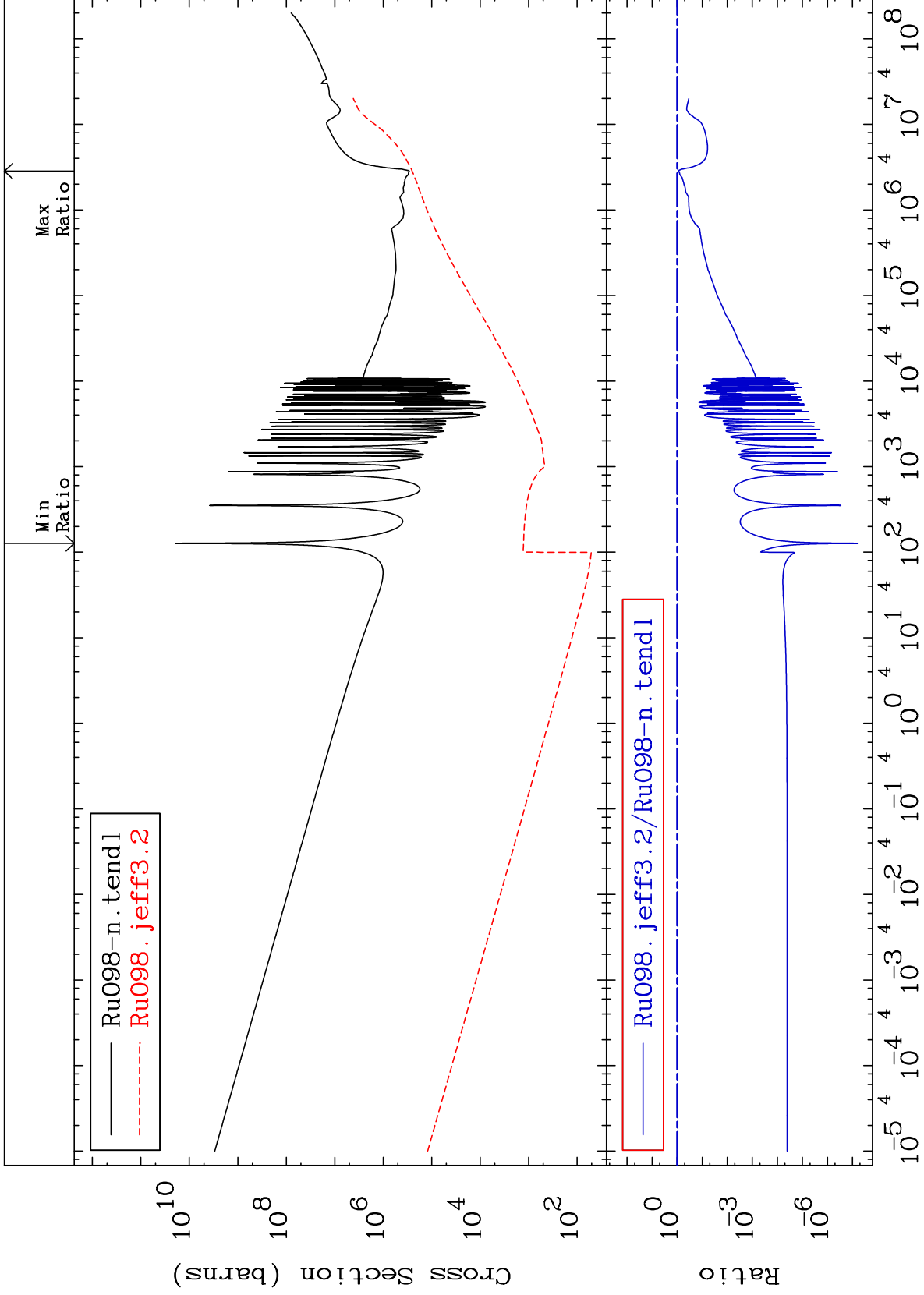


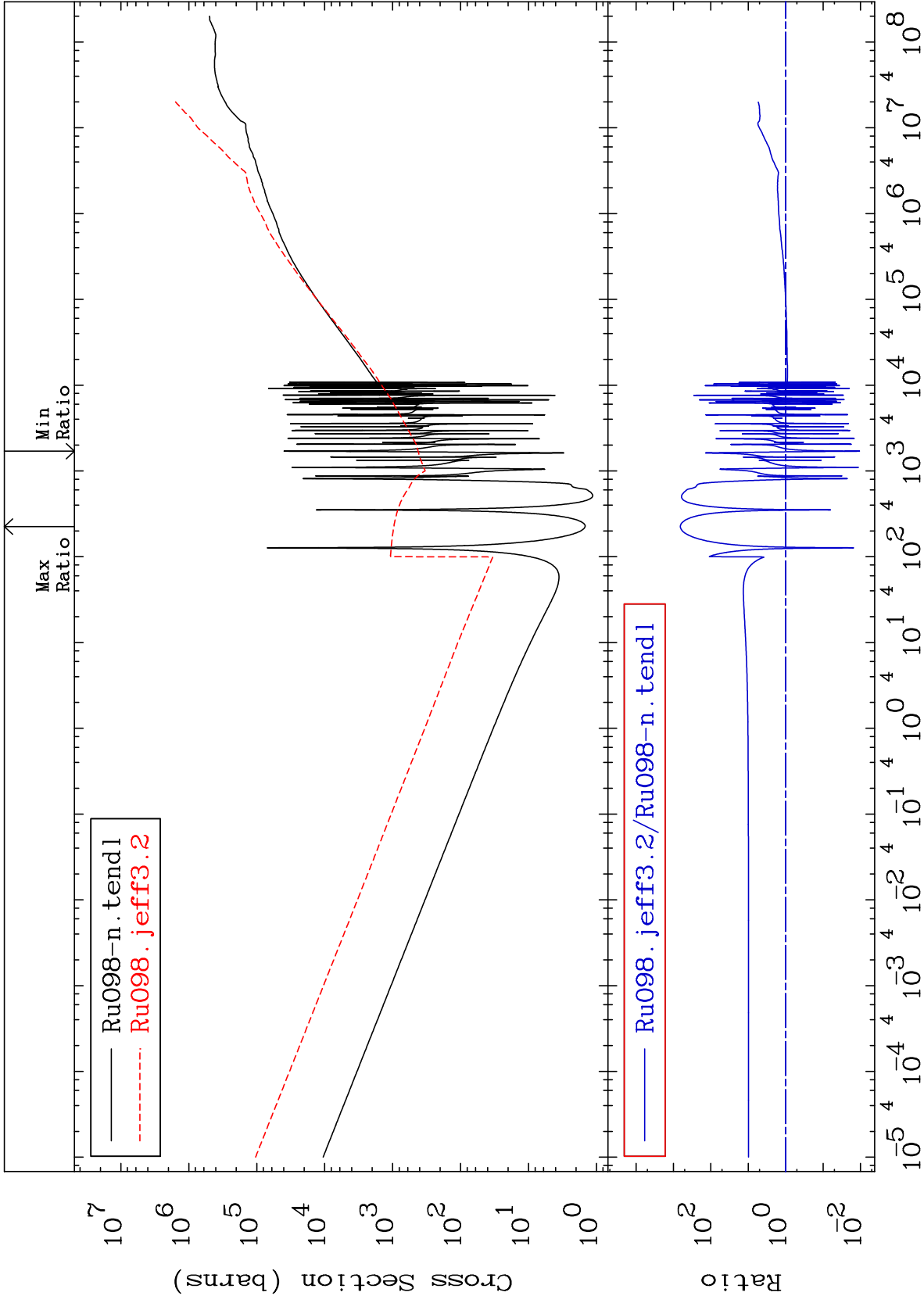


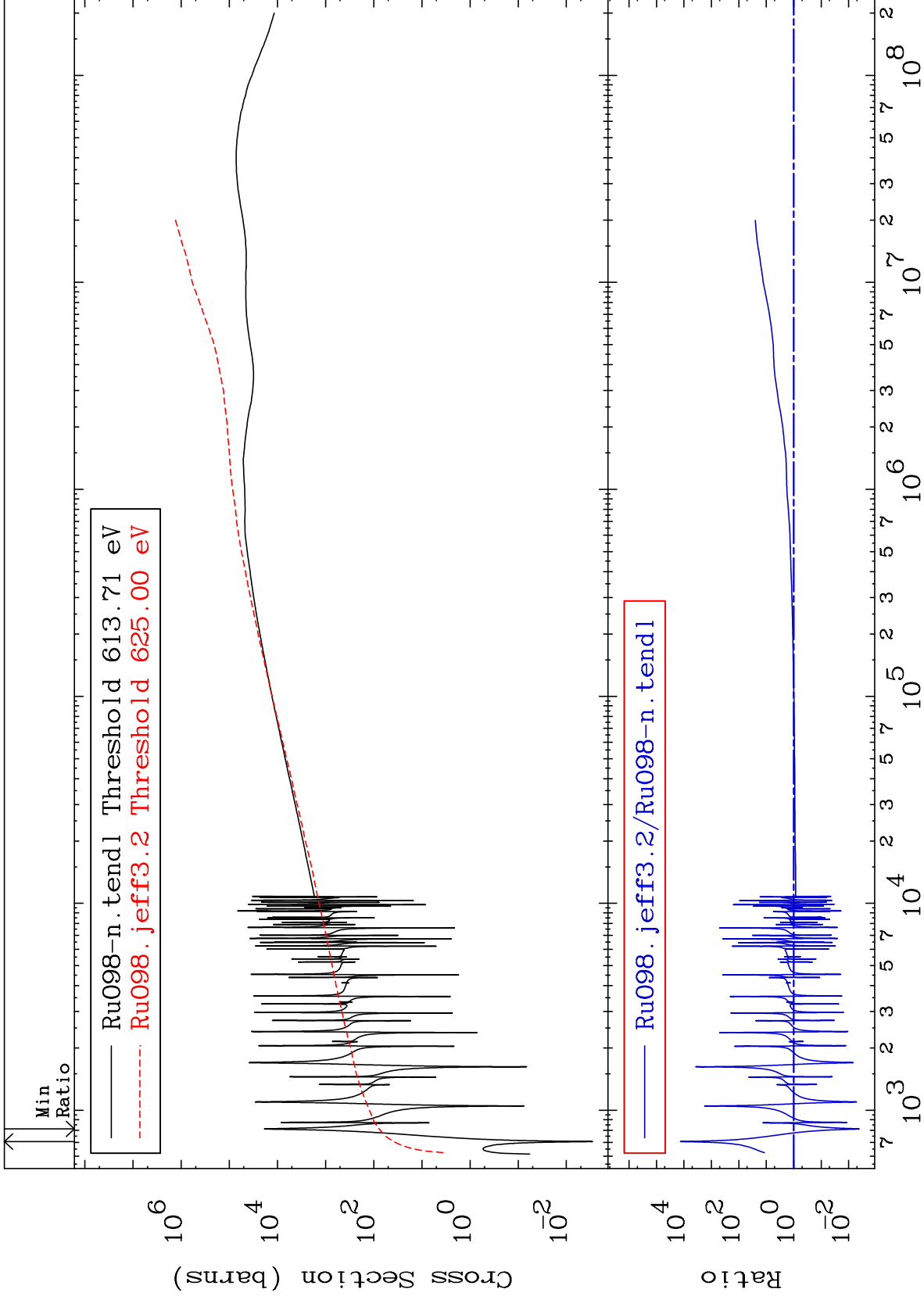
MAT 4431

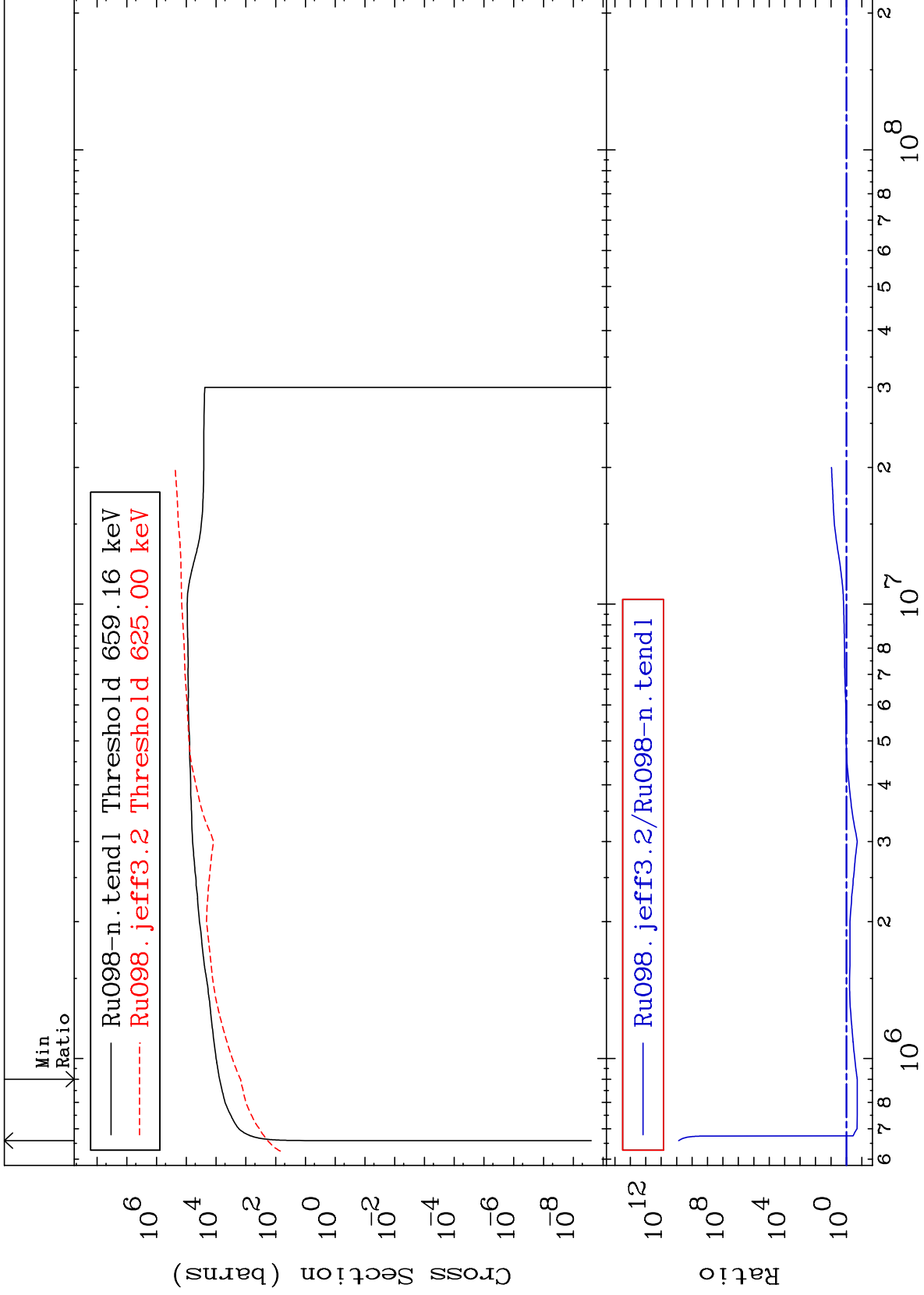
Total kinematic kerma (high limit)
Cross Section

44-Ru-98
-100.0 To -12.64%









MAT 4431

Dpa disappearance (mt102 -120)
Cross Section

44-Ru-98
-98.49 To 9999. %

