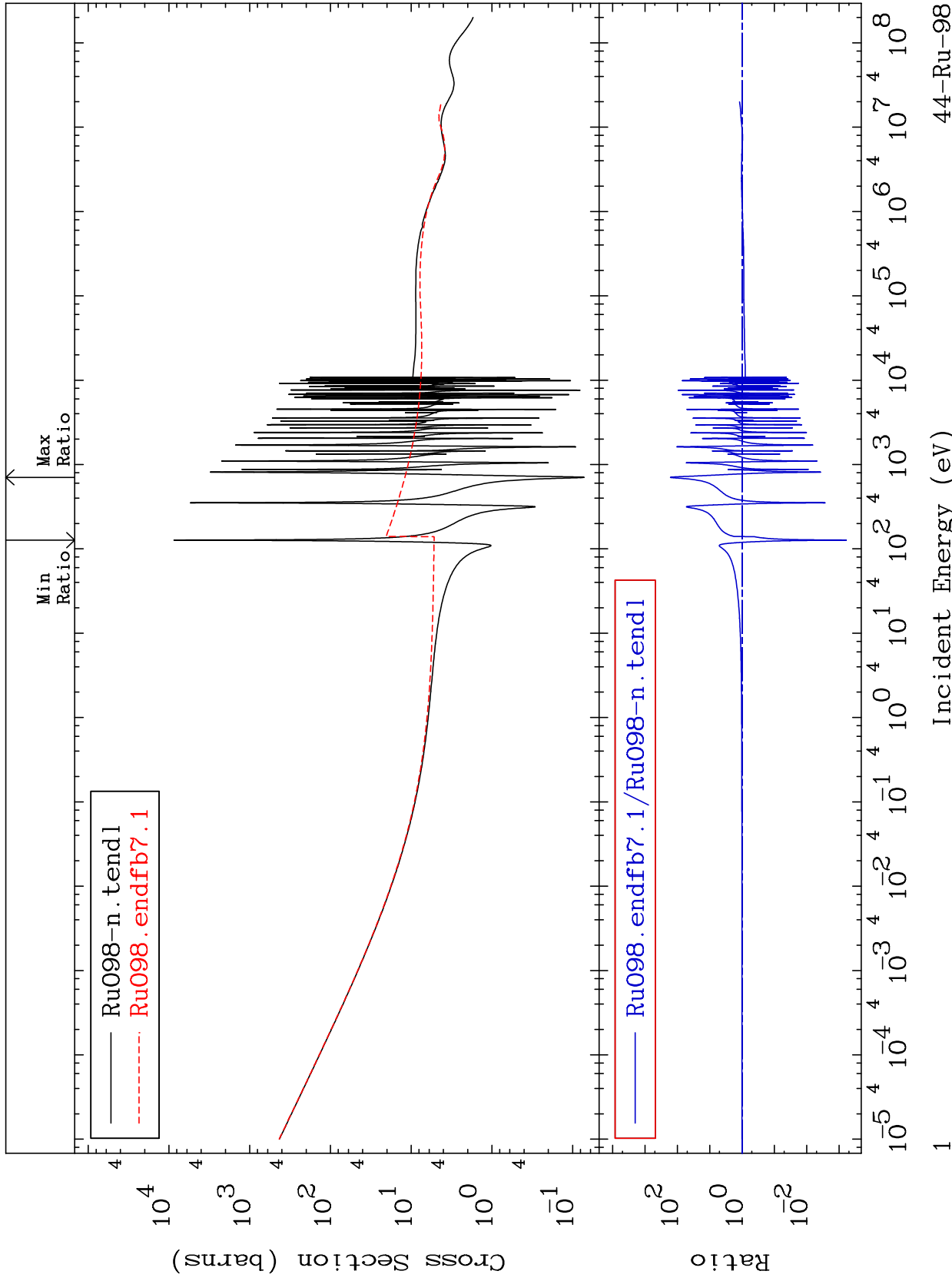


MAT 4431

Total
Cross Section

44-Ru-98
-99.94 To 9999. %



44-Ru-98

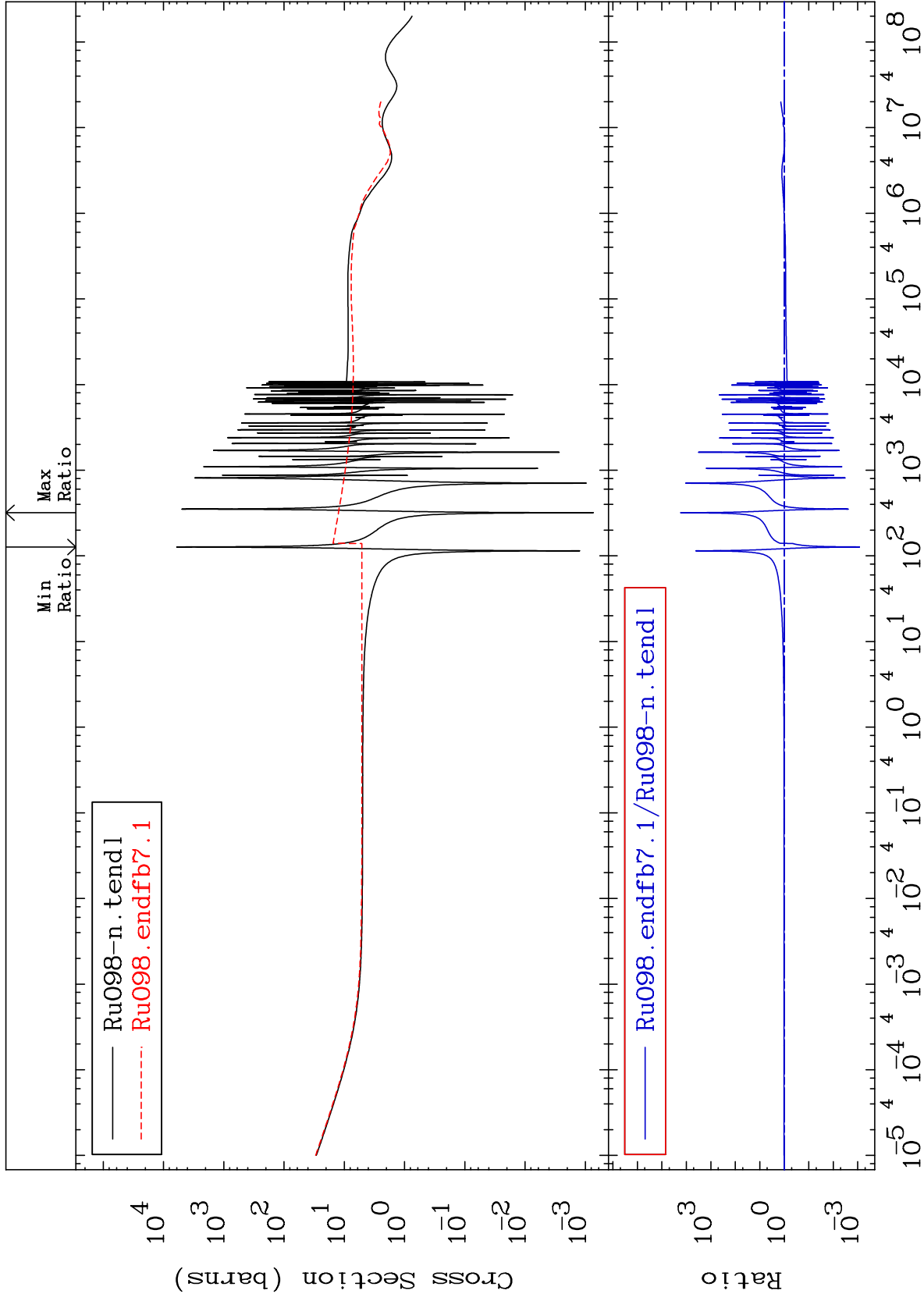
MAT 4431

Elastic

44-Ru-98

Cross Section

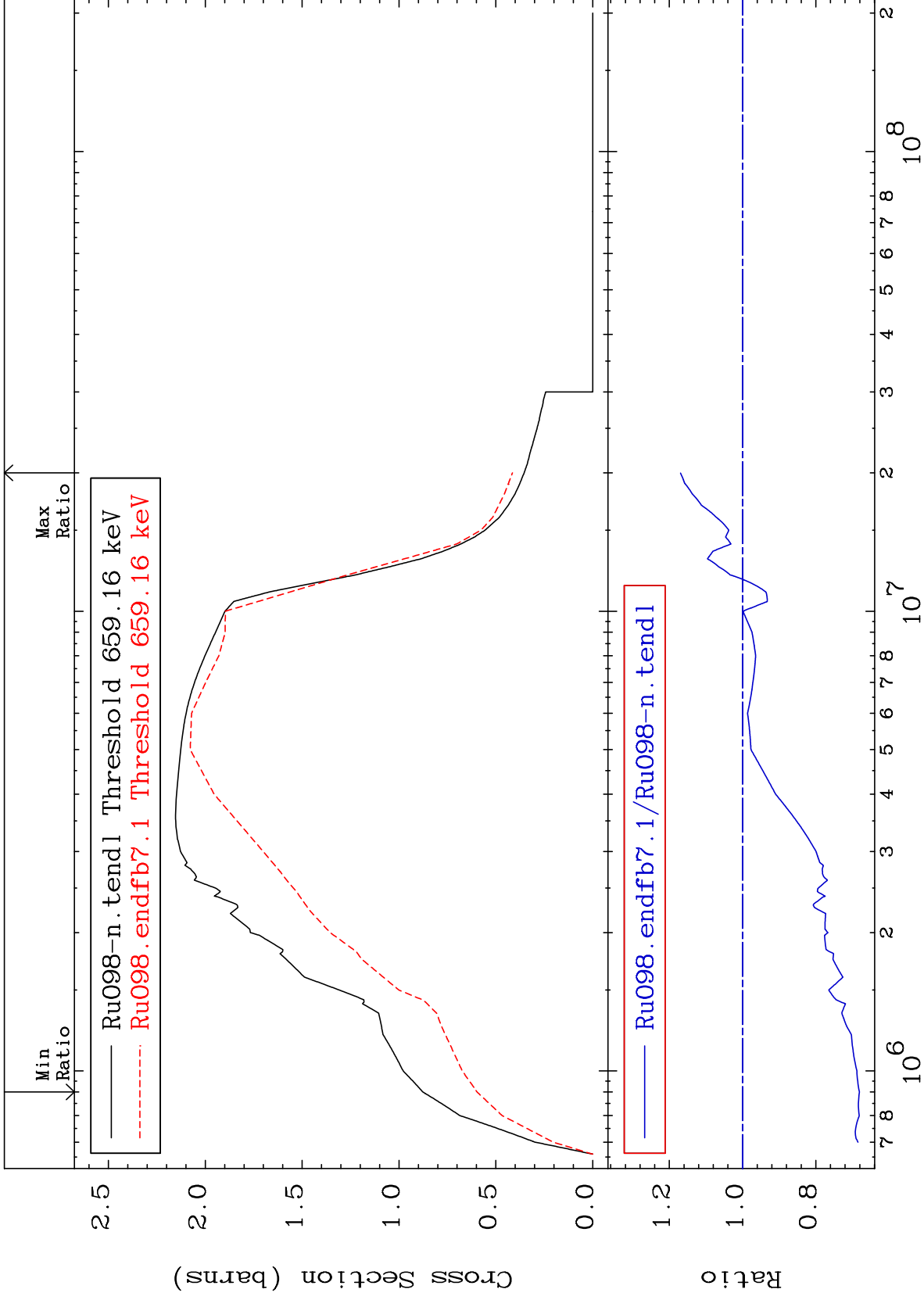
-99.92 To 9999. %



MAT 4431

Inelastic
Cross Section

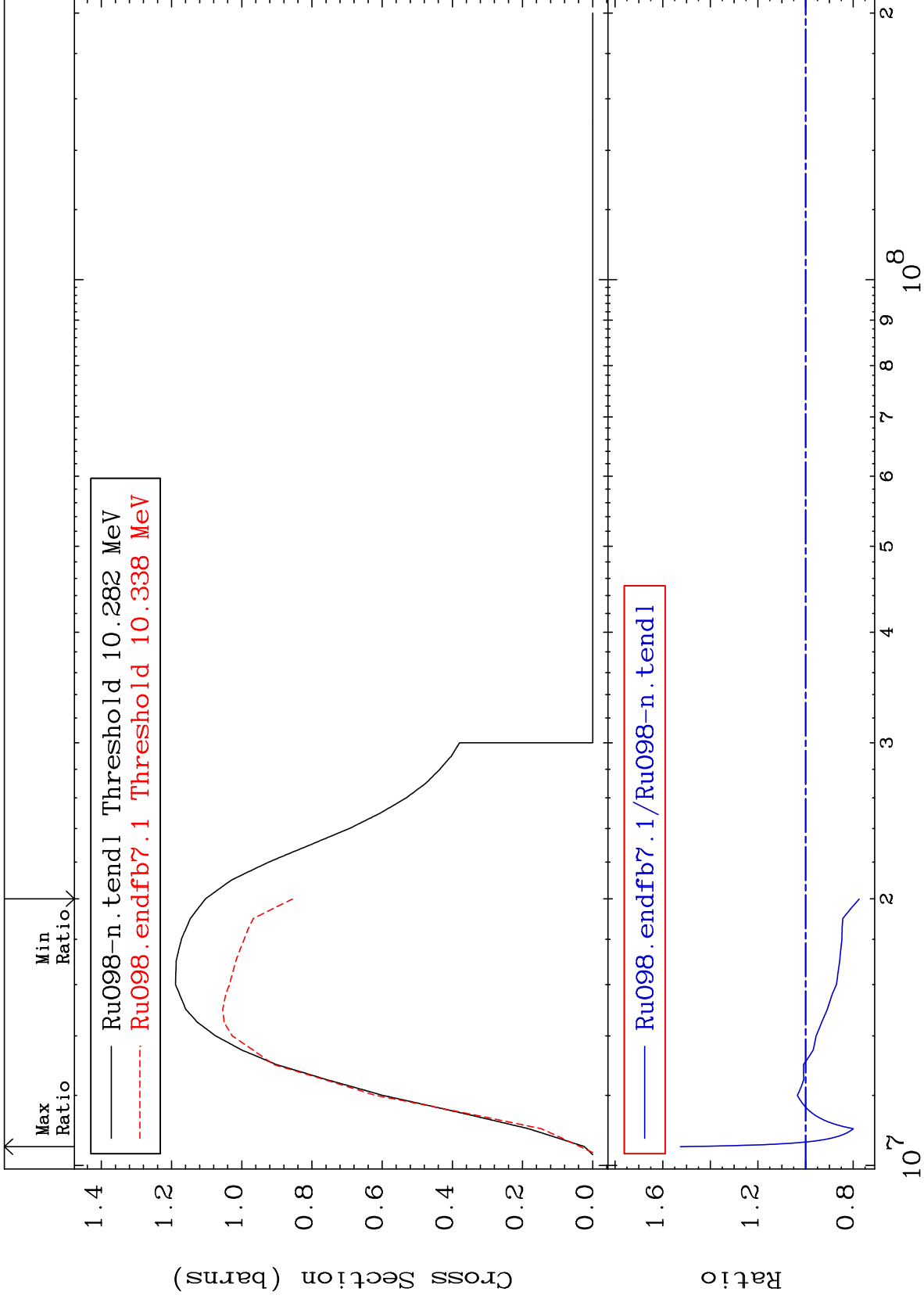
44-Ru-98
-31.90 To 16.99 %



MAT 4431

(n,2n)
Cross Section

44-Ru-98
-22.62 To 52.59 %



44-Ru-98

44-Ru-98

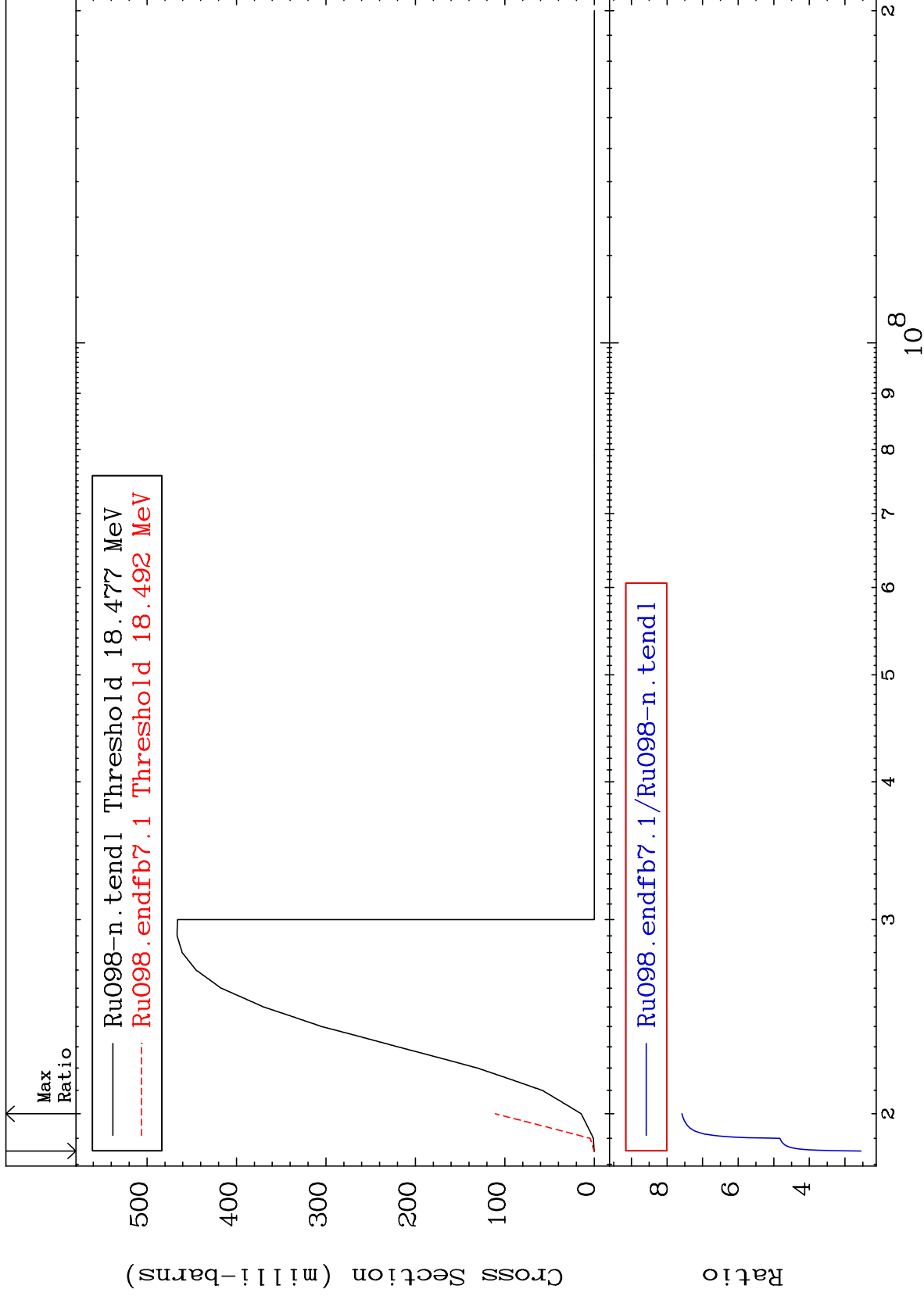
MAT 4431

(n,3n)

44-Ru-98

Cross Section

155.0 To 658.1 %



5

Incident Energy (eV)

44-Ru-98

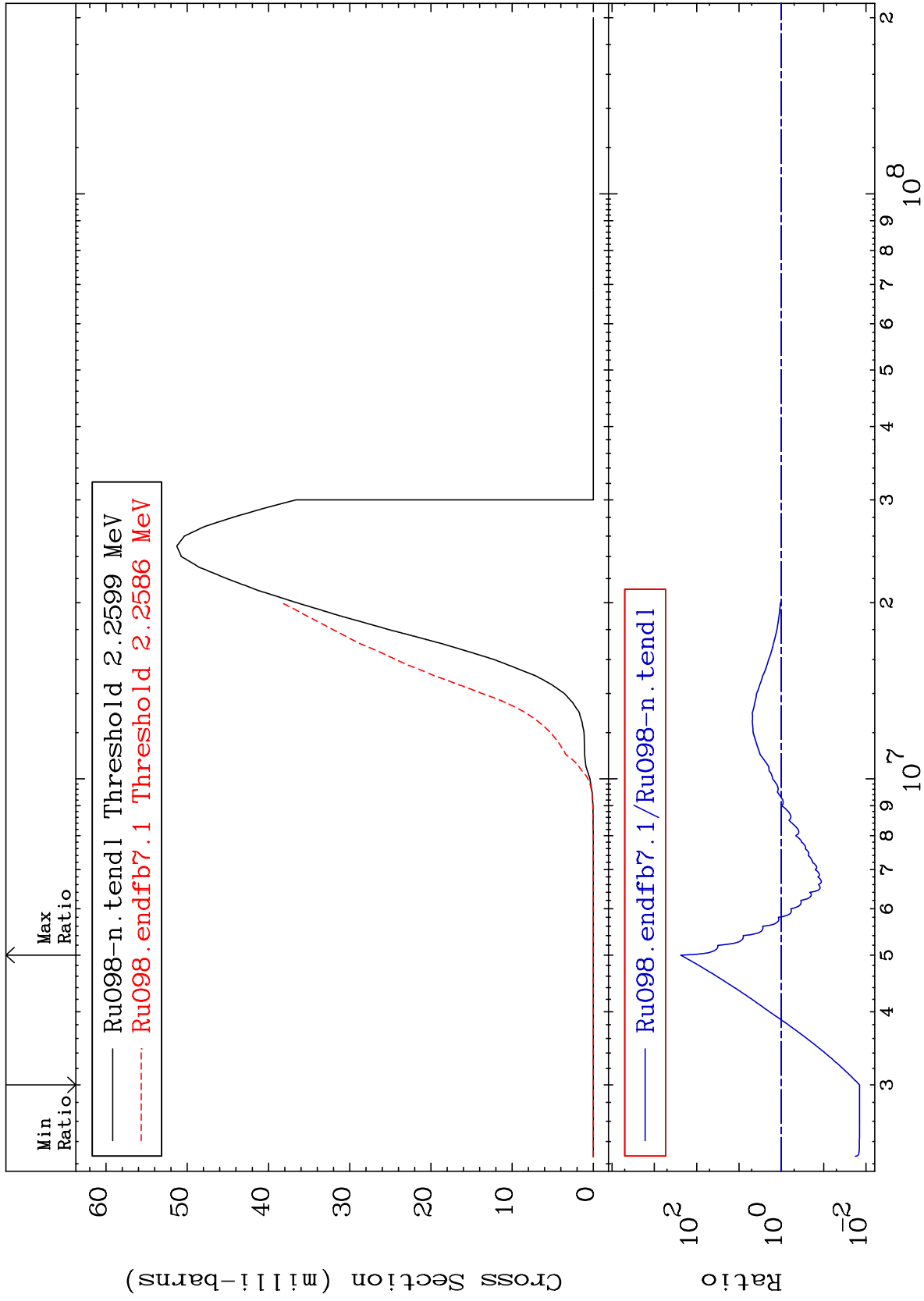
MAT 4431

(n, n') α

44-Ru-98

Cross Section

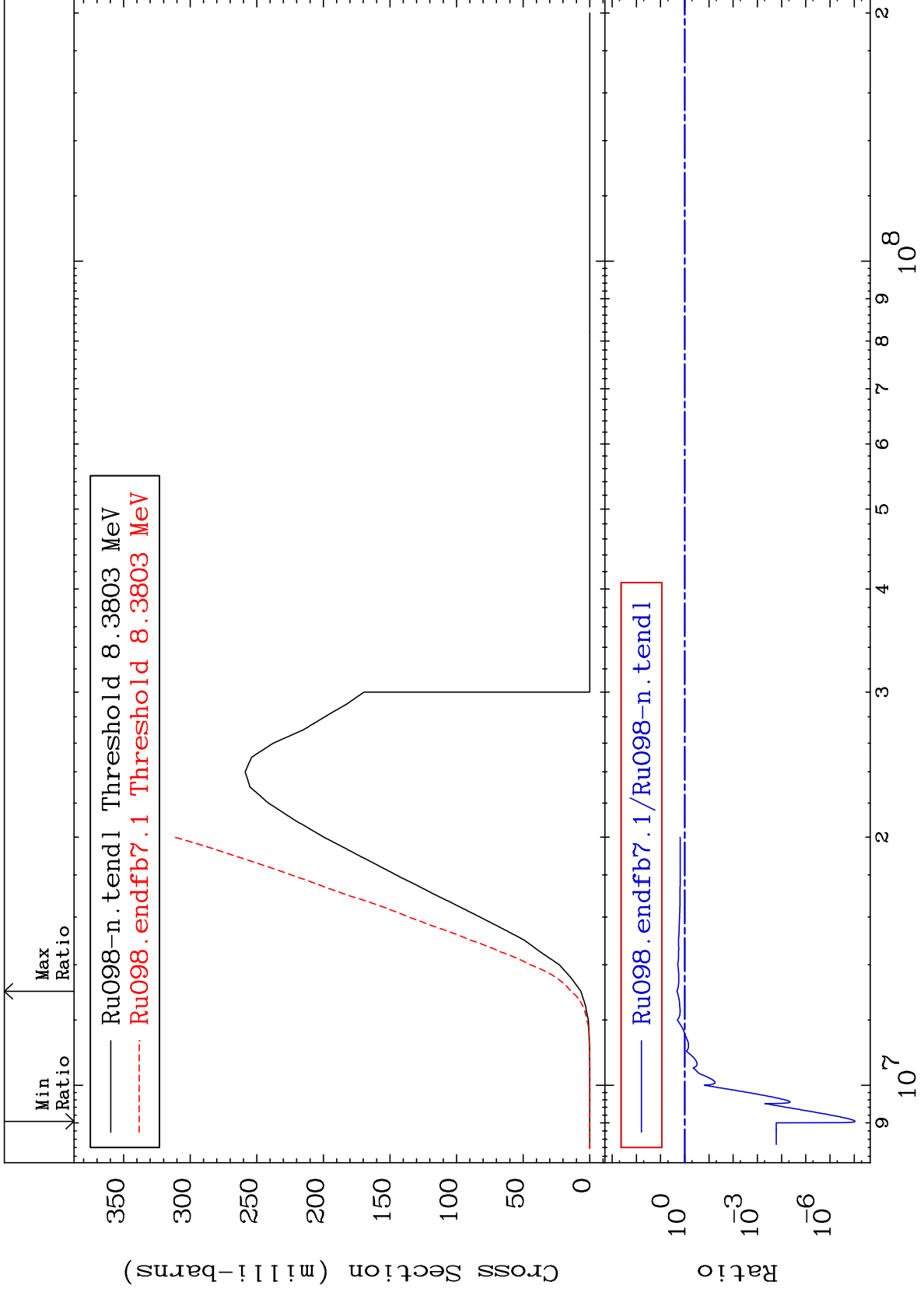
-98.58 To 9999. %



MAT 4431

(n, n') p
Cross Section

44-Ru-98
-100.0 To 111.0 %



7

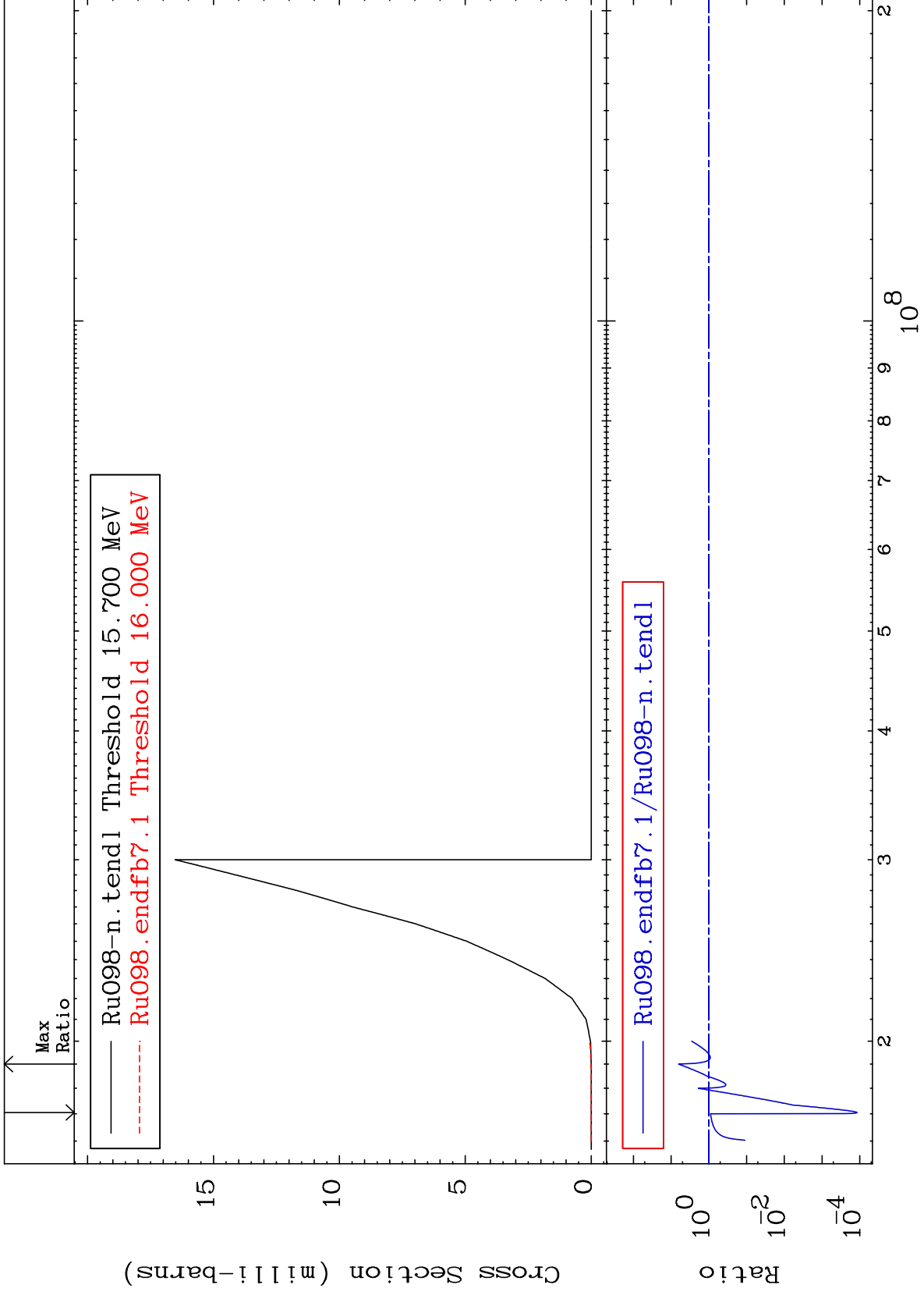
Incident Energy (eV)

44-Ru-98

MAT 4431

(n,n') d
Cross Section

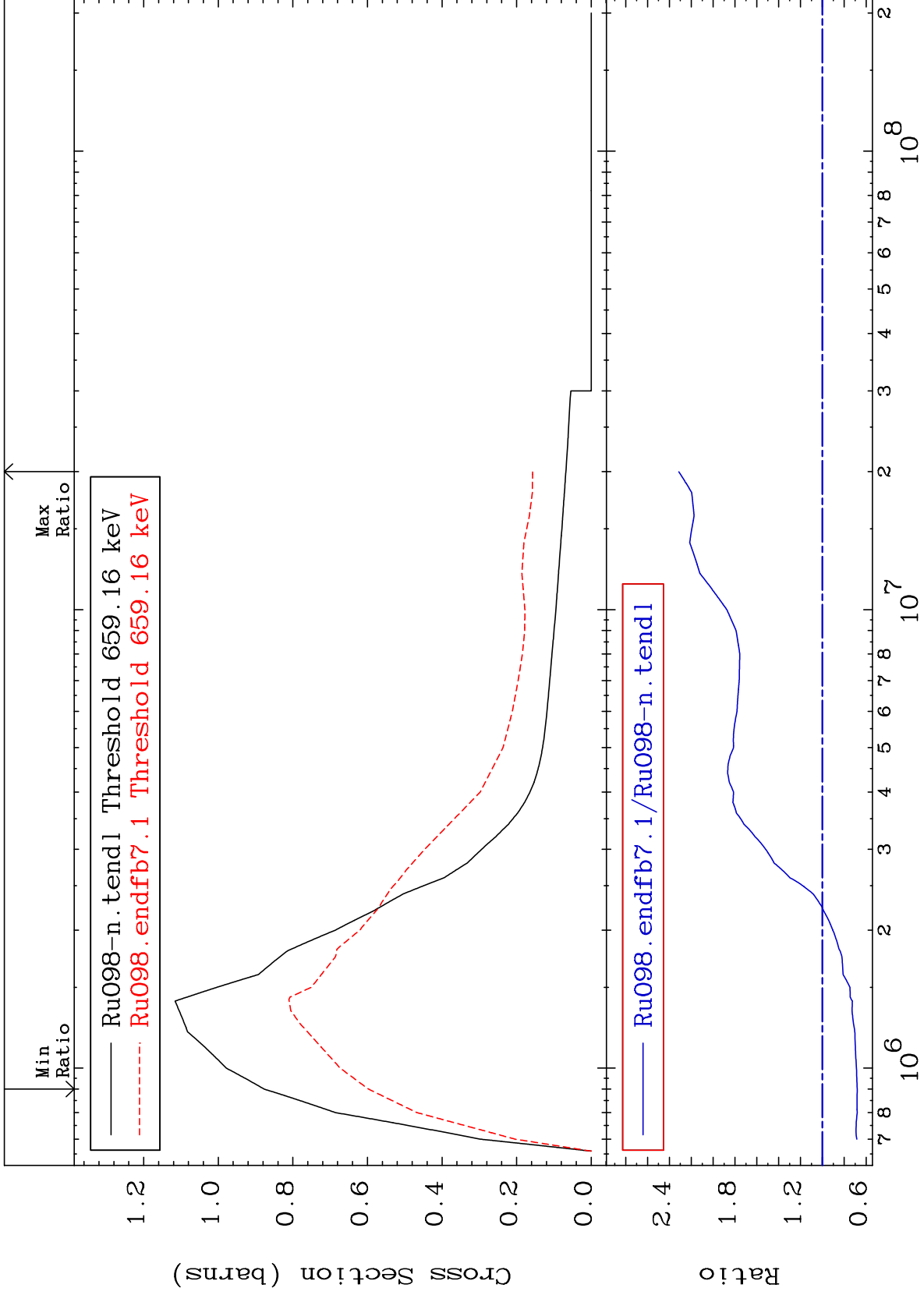
44-Ru-98
-99.99 To 531.5 %



MAT 4431

652.4 keV (n,n') Level
Cross Section

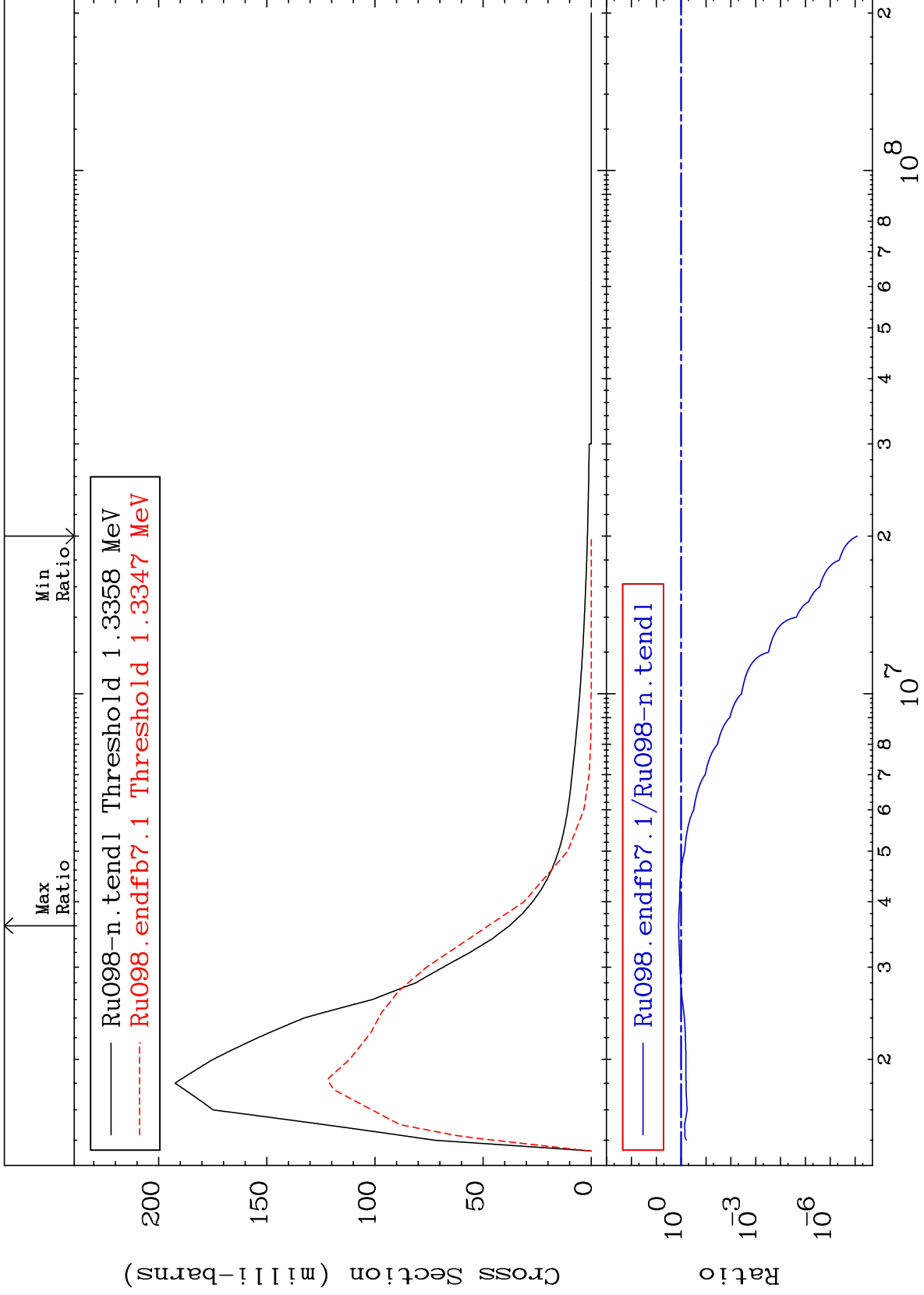
44-Ru-98
-31.90 To 131.6 %



MAT 4431

1.322 MeV (n,n') Level
Cross Section

44-Ru-98
-100.0 To 26.01 %



10

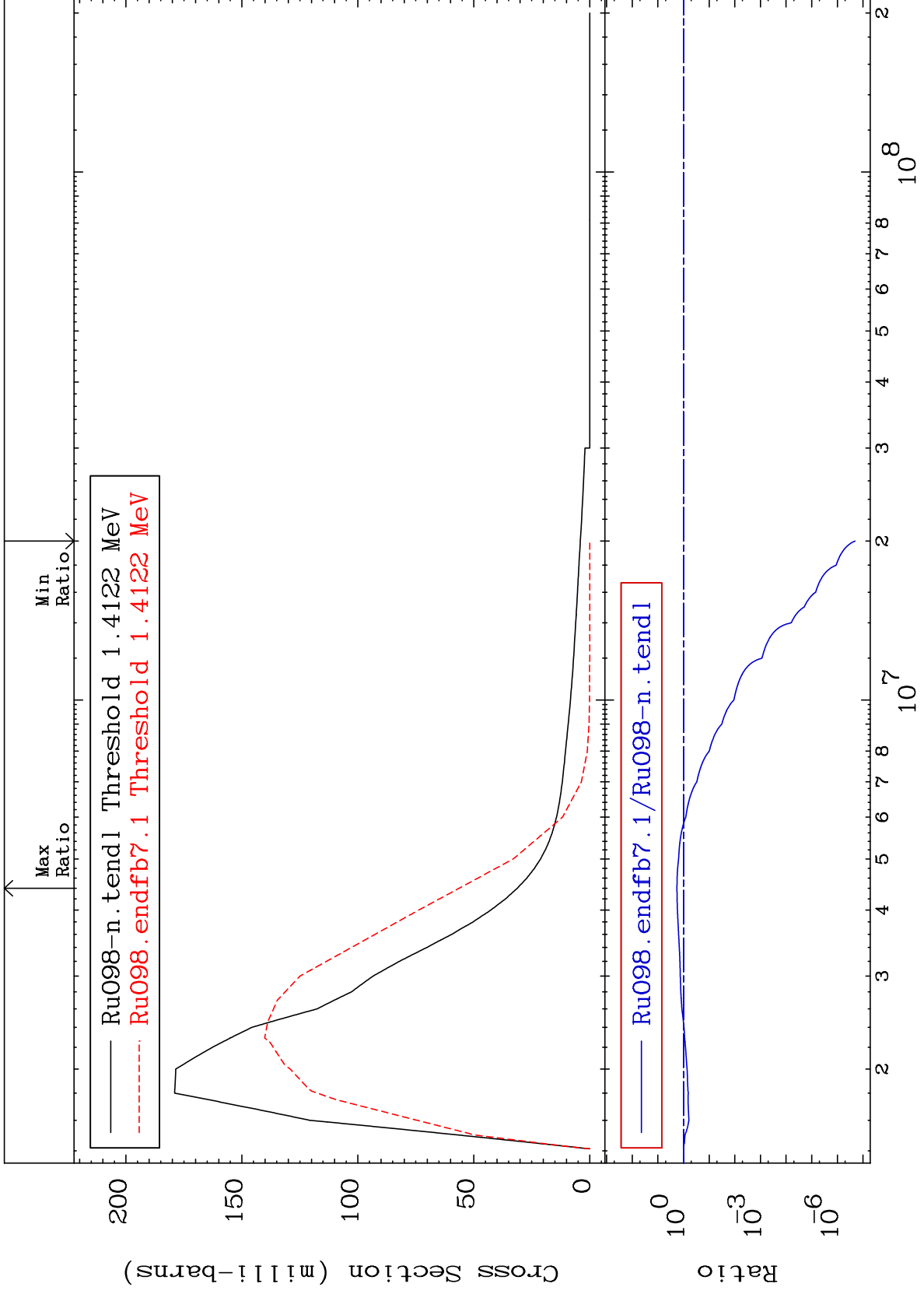
Incident Energy (eV)

44-Ru-98

MAT 4431

1.398 MeV (n,n') Level
Cross Section

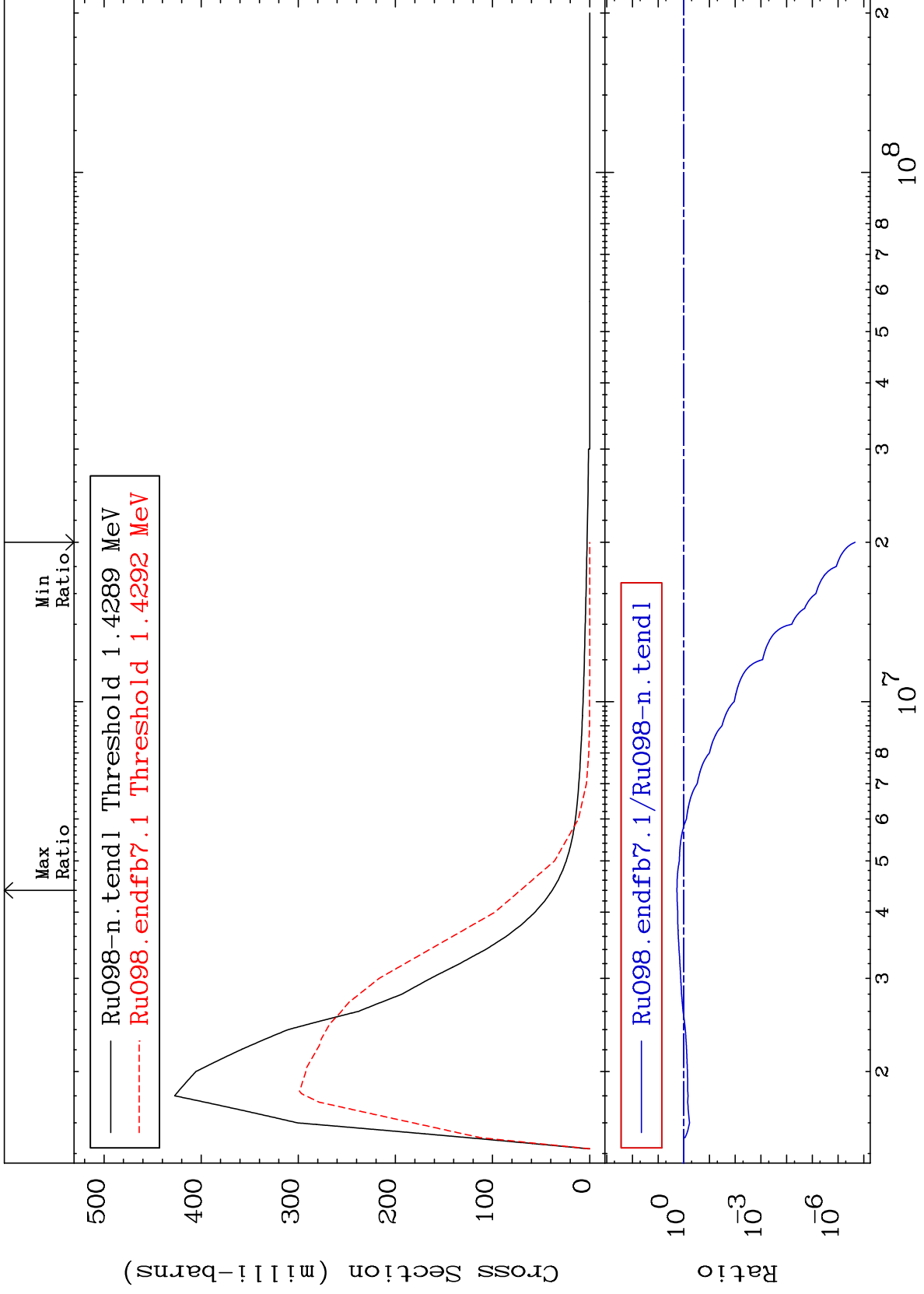
44-Ru-98
-100.0 To 80.54 %



MAT 4431

1.414 MeV (n,n') Level
Cross Section

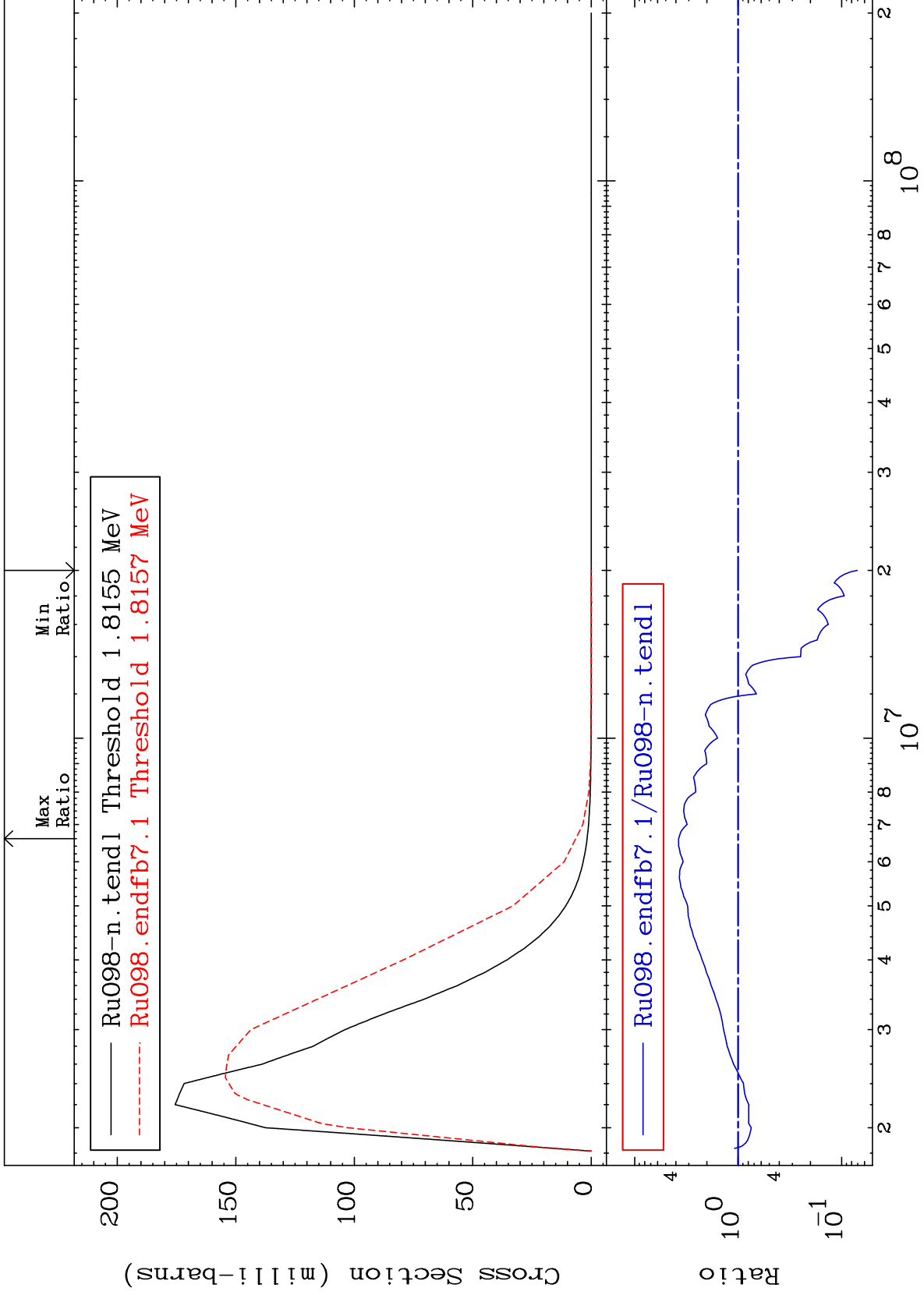
44-Ru-98
-100.0 To 85.39 %



MAT 4431

1.797 MeV (n,n') Level
Cross Section

44-Ru-98
-92.93 To 275.7 %



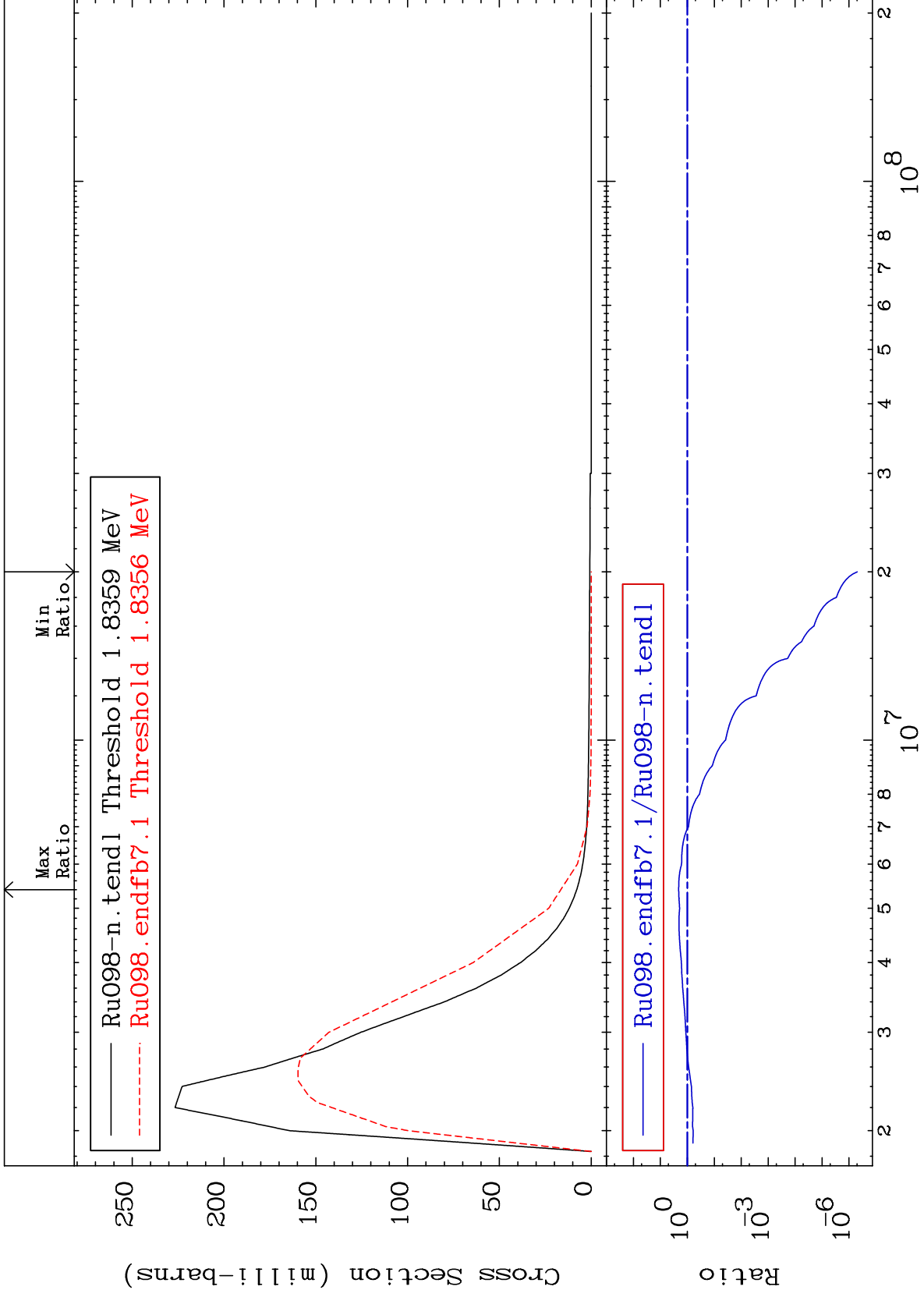
13

44-Ru-98

MAT 4431

1.817 MeV (n,n') Level
Cross Section

44-Ru-98
-100.0 To 110.2 %



14

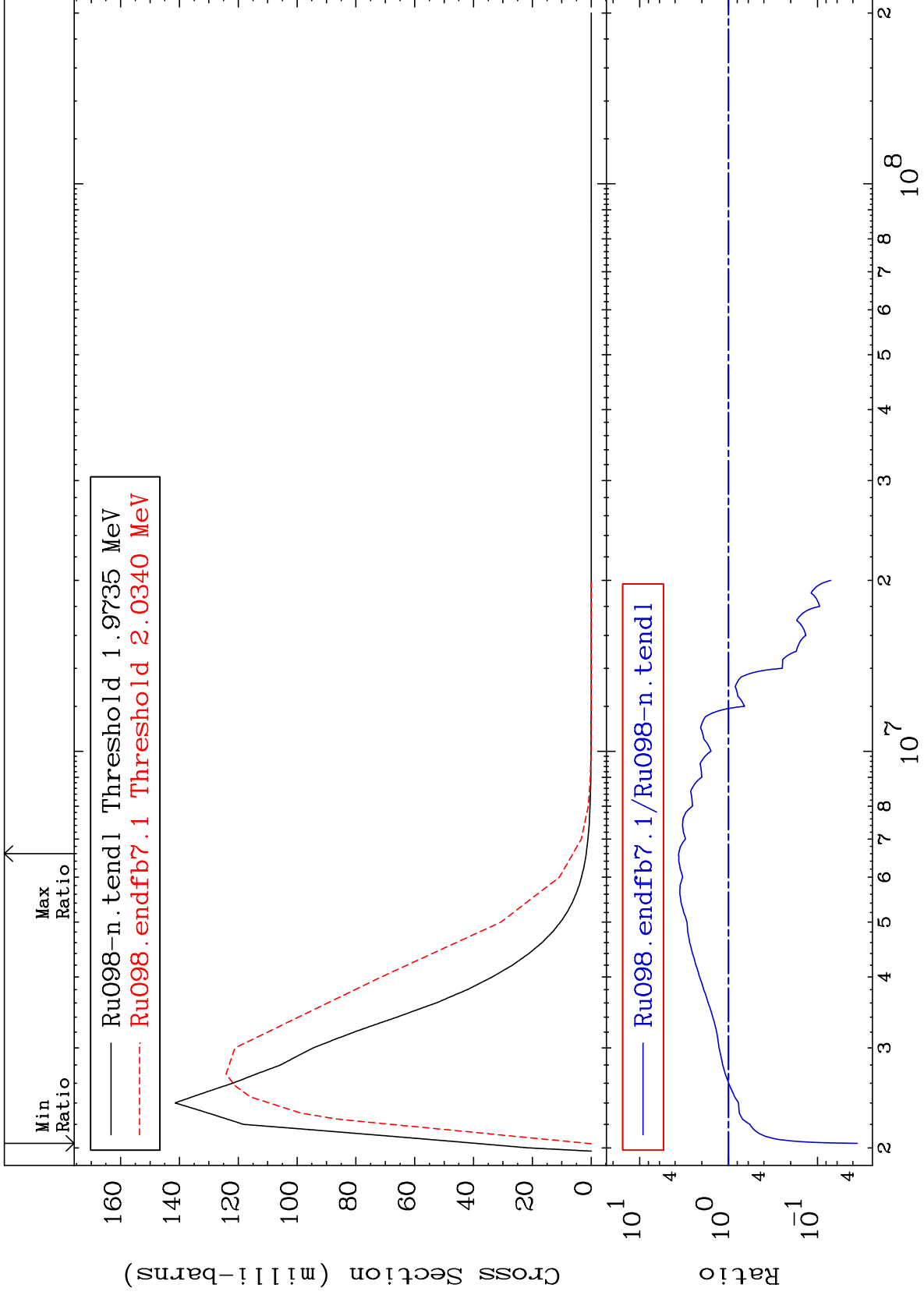
Incident Energy (eV)

44-Ru-98

MAT 4431

1.953 MeV (n,n') Level
Cross Section

44-Ru-98
-96.44 To 265.2 %



15

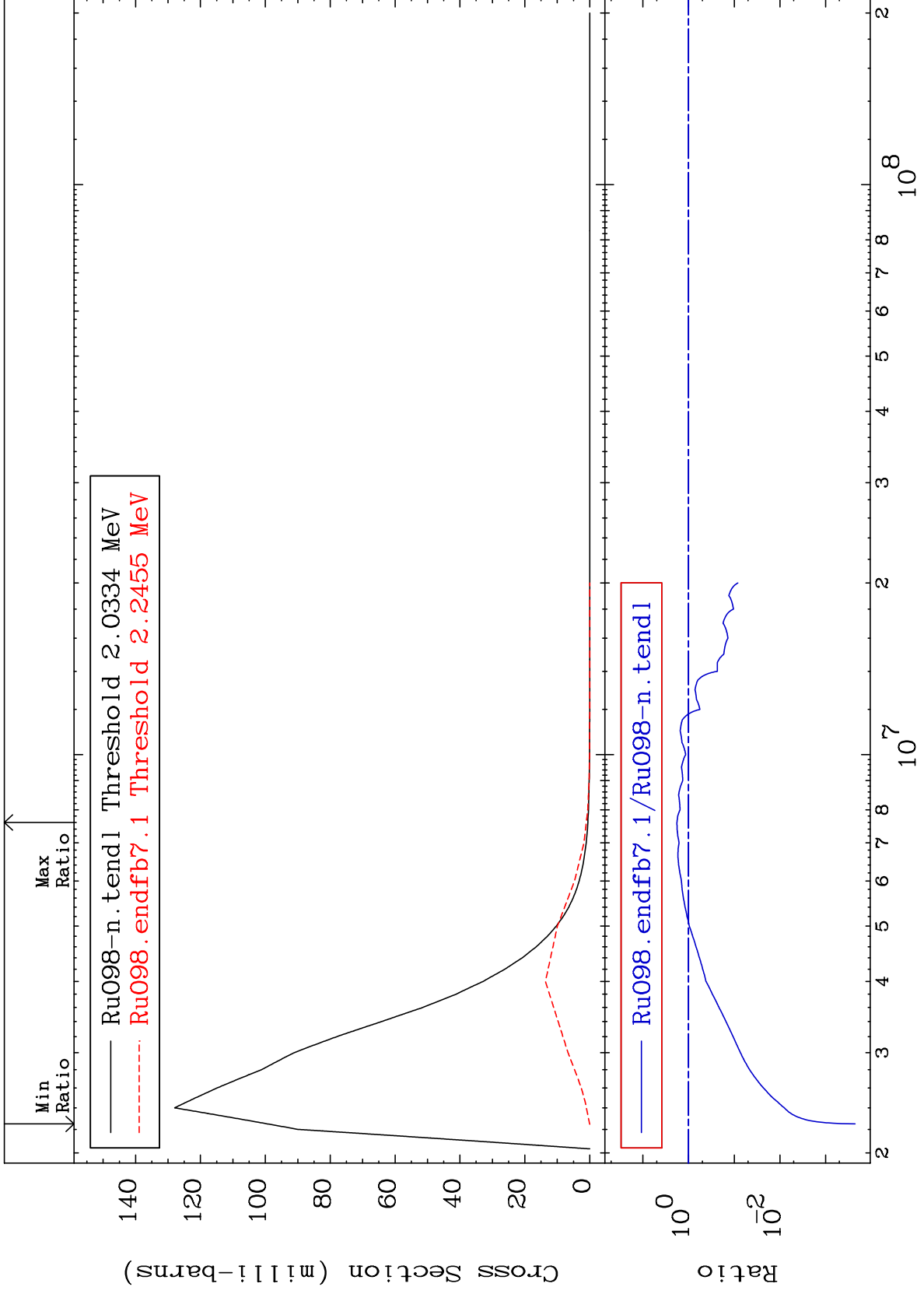
Incident Energy (eV)

44-Ru-98

MAT 4431

2.013 MeV (n,n') Level
Cross Section

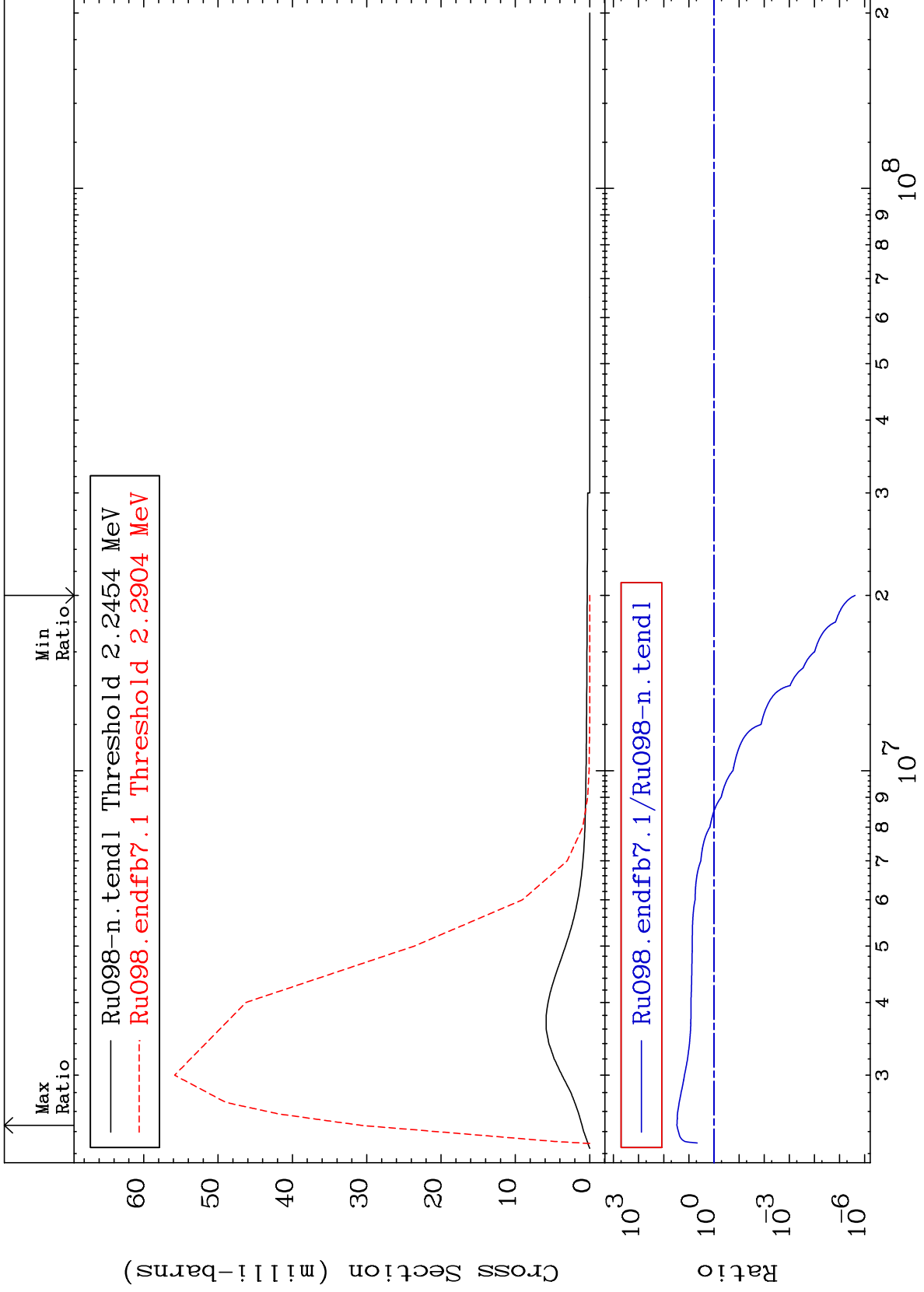
44-Ru-98
-99.98 To 80.09 %



MAT 4431

2.223 MeV (n,n') Level
Cross Section

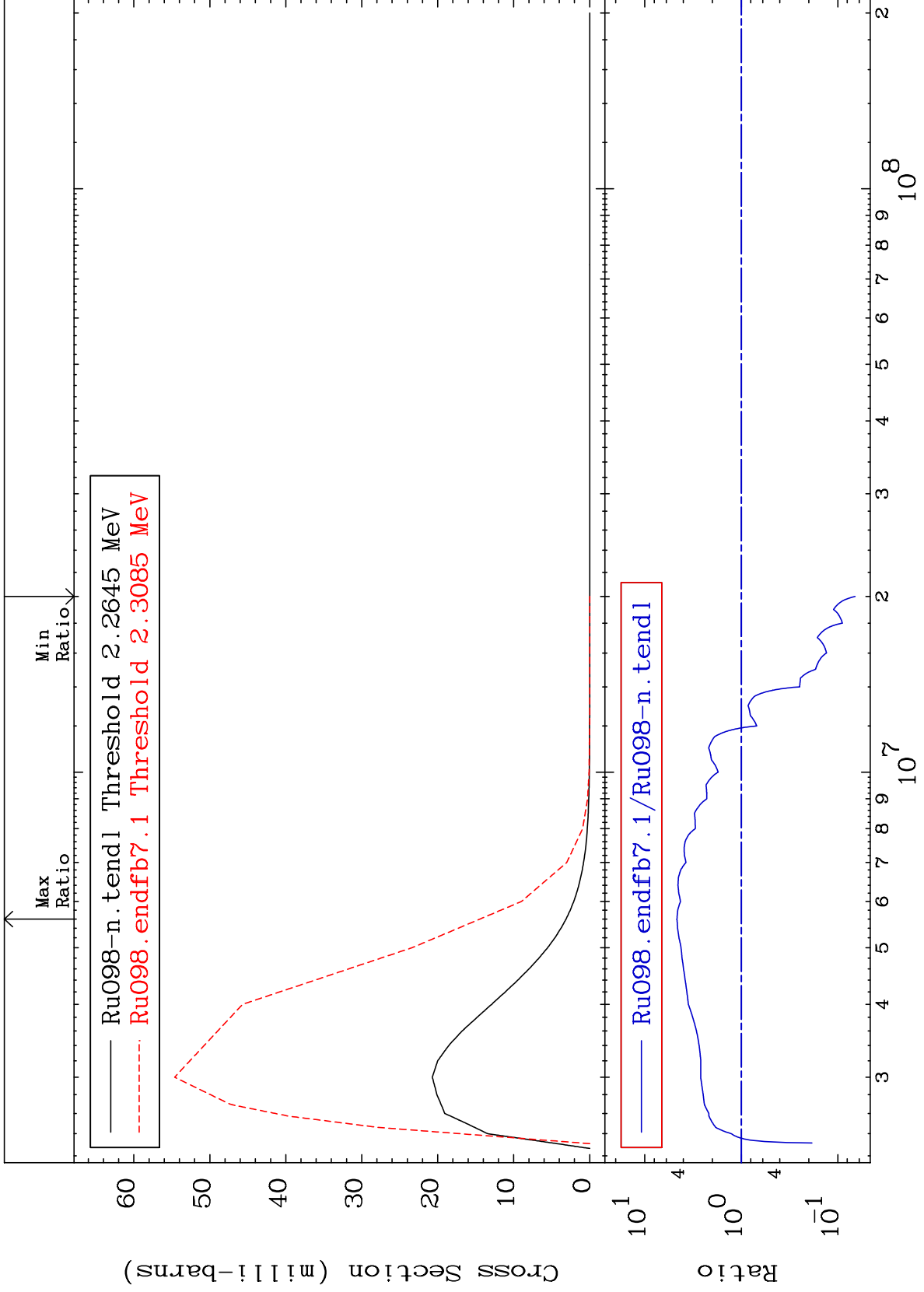
44-Ru-98
-100.0 To 2876. %



MAT 4431

2.241 MeV (n,n') Level
Cross Section

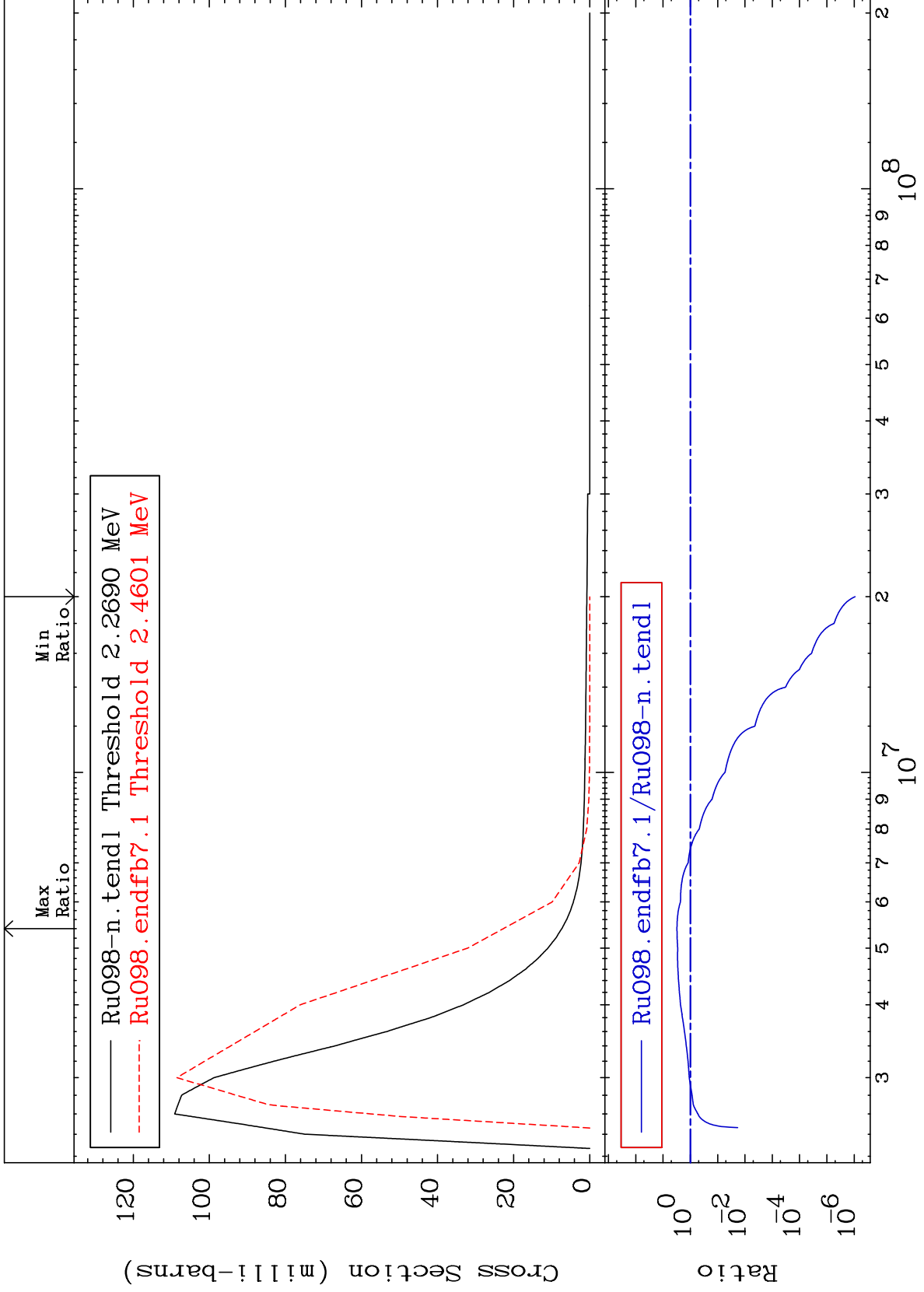
44-Ru-98
-93.38 To 364.8 %



MAT 4431

2.246 MeV (n,n') Level
Cross Section

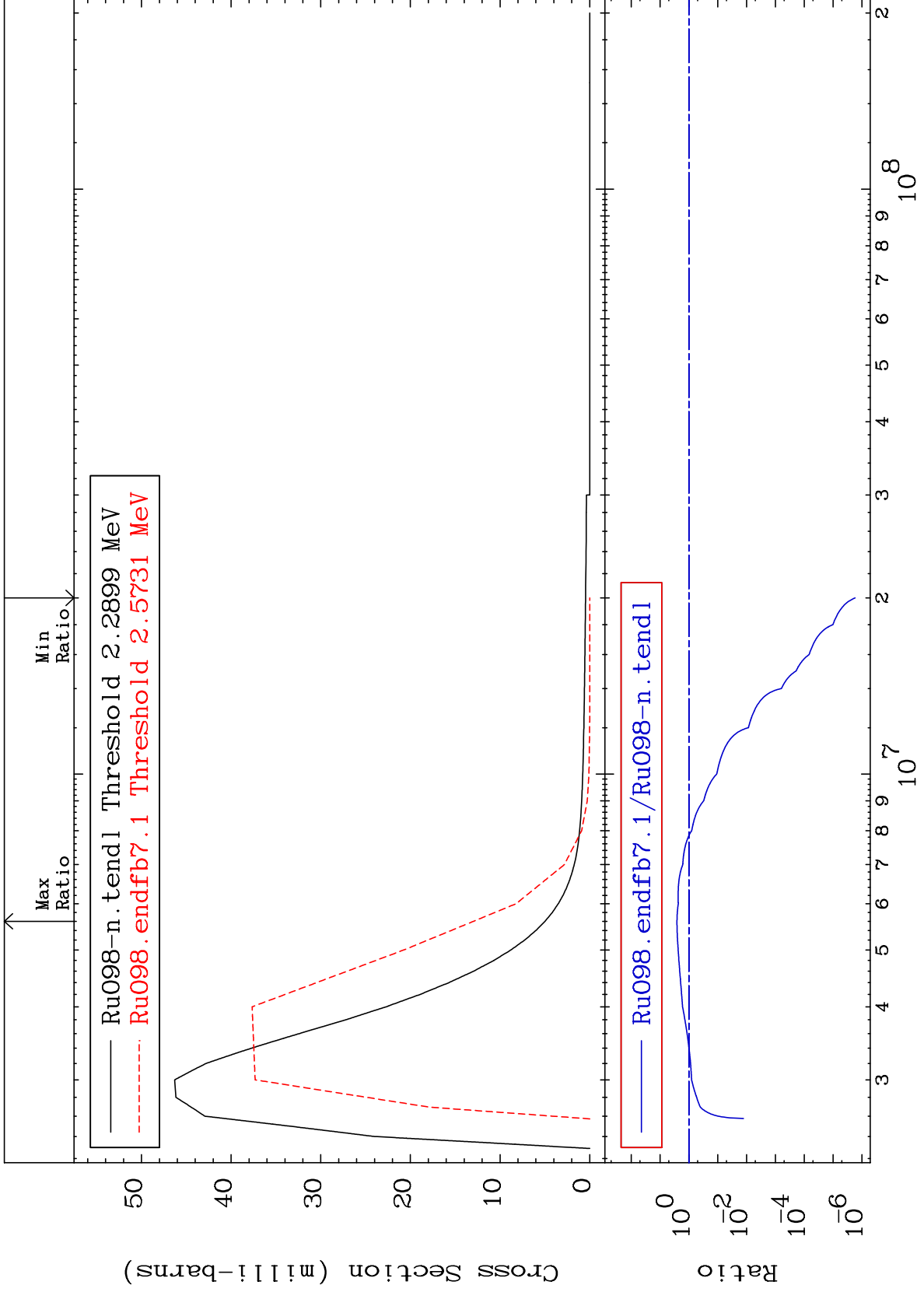
44-Ru-98
-100.0 To 210.1 %



MAT 4431

2.266 MeV (n,n') Level
Cross Section

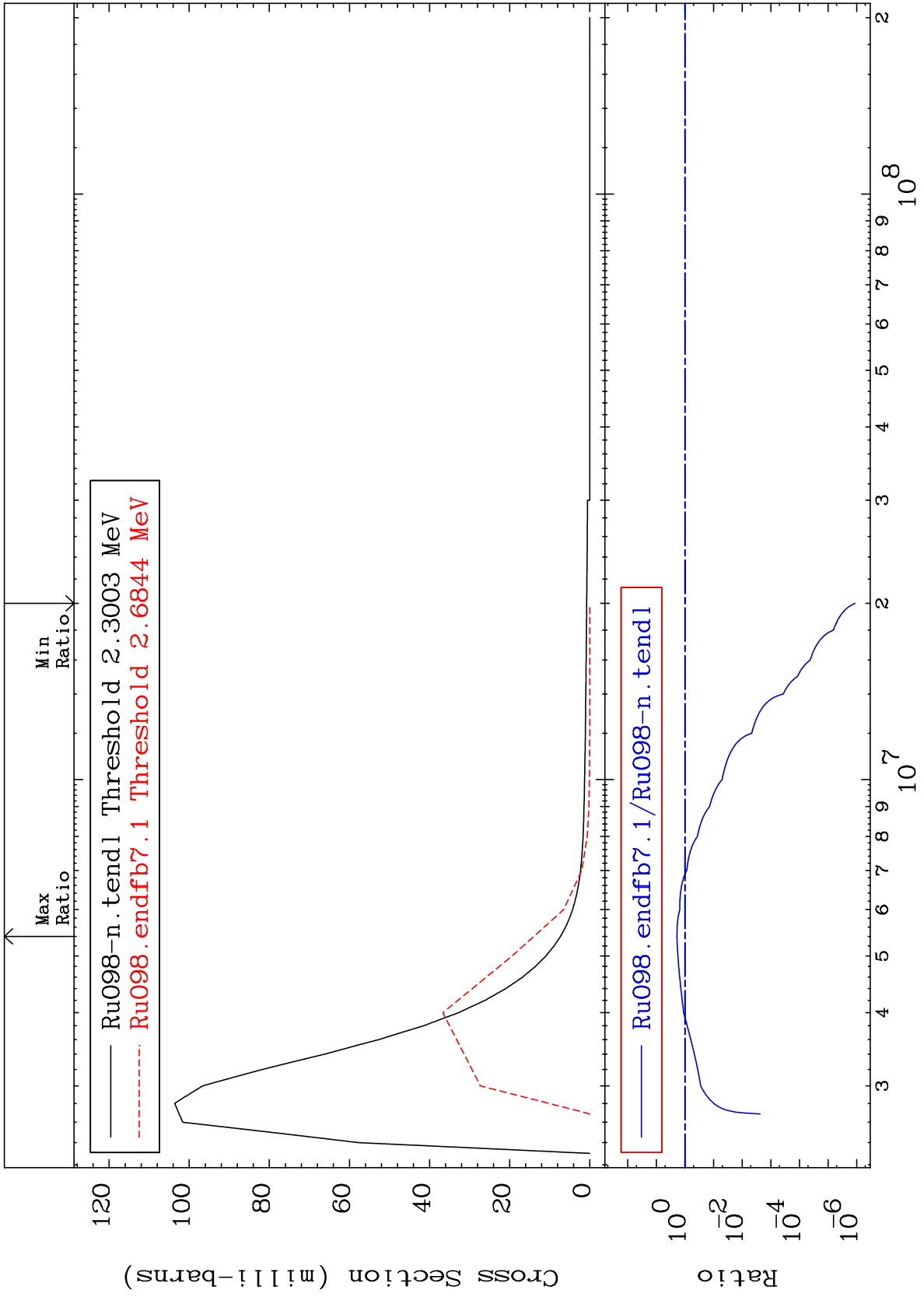
44-Ru-98
-100.0 To 160.3 %



MAT 4431

2.277 MeV (n,n') Level
Cross Section

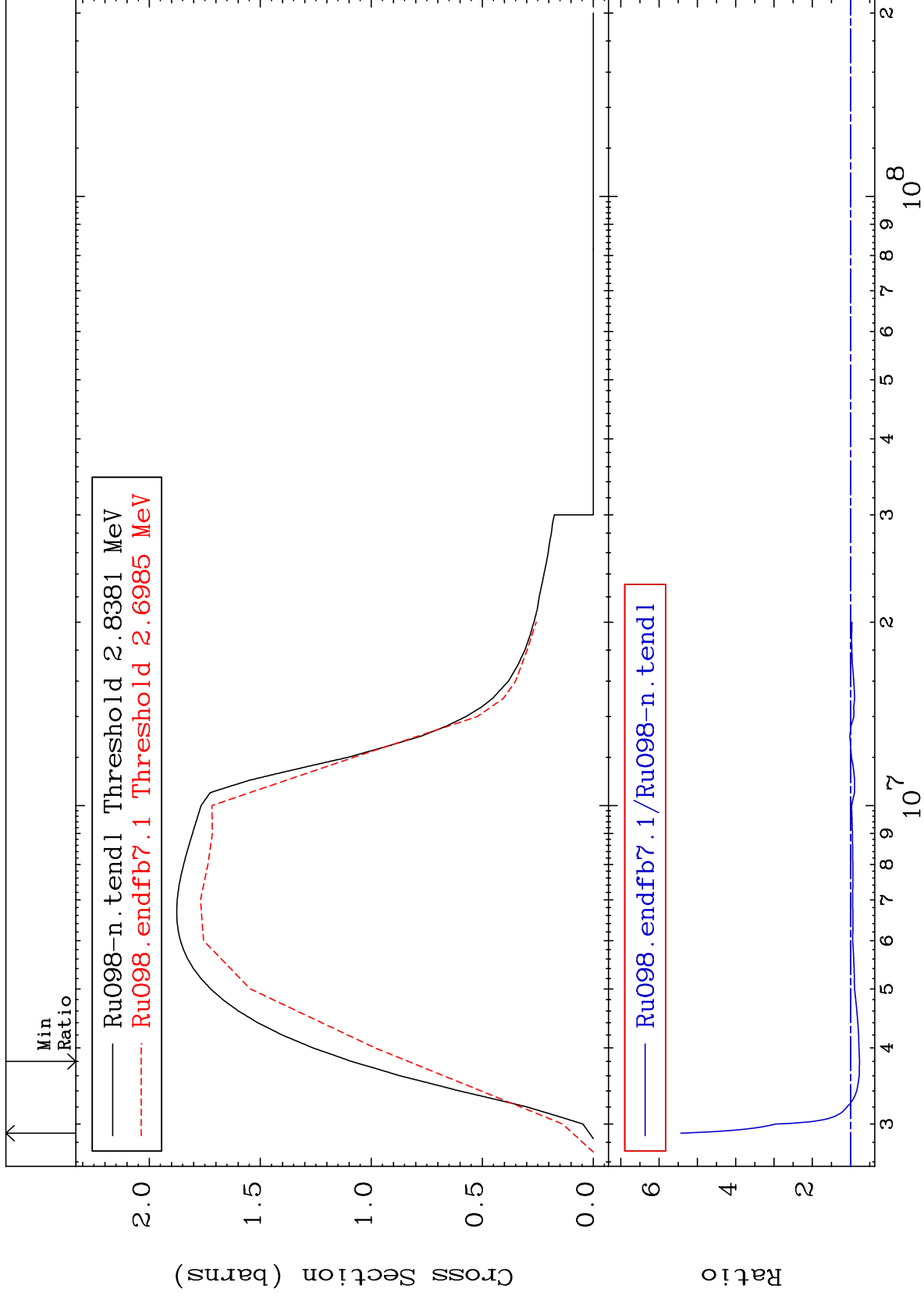
44-Ru-98
-100.0 To 91.52 %



MAT 4431

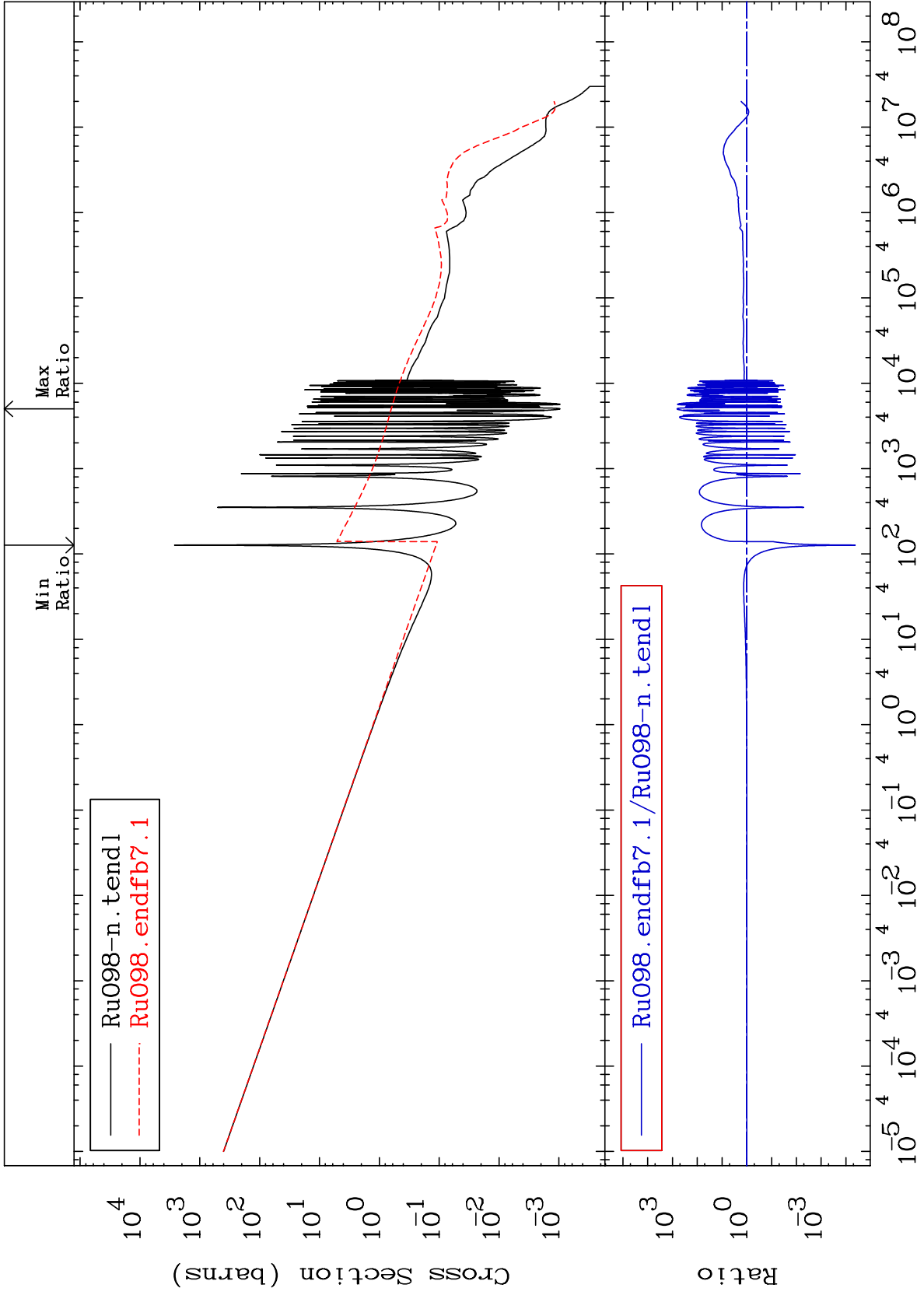
(n, n') Continuum
Cross Section

44-Ru-98
-23.53 To 443.2 %



MAT 4431

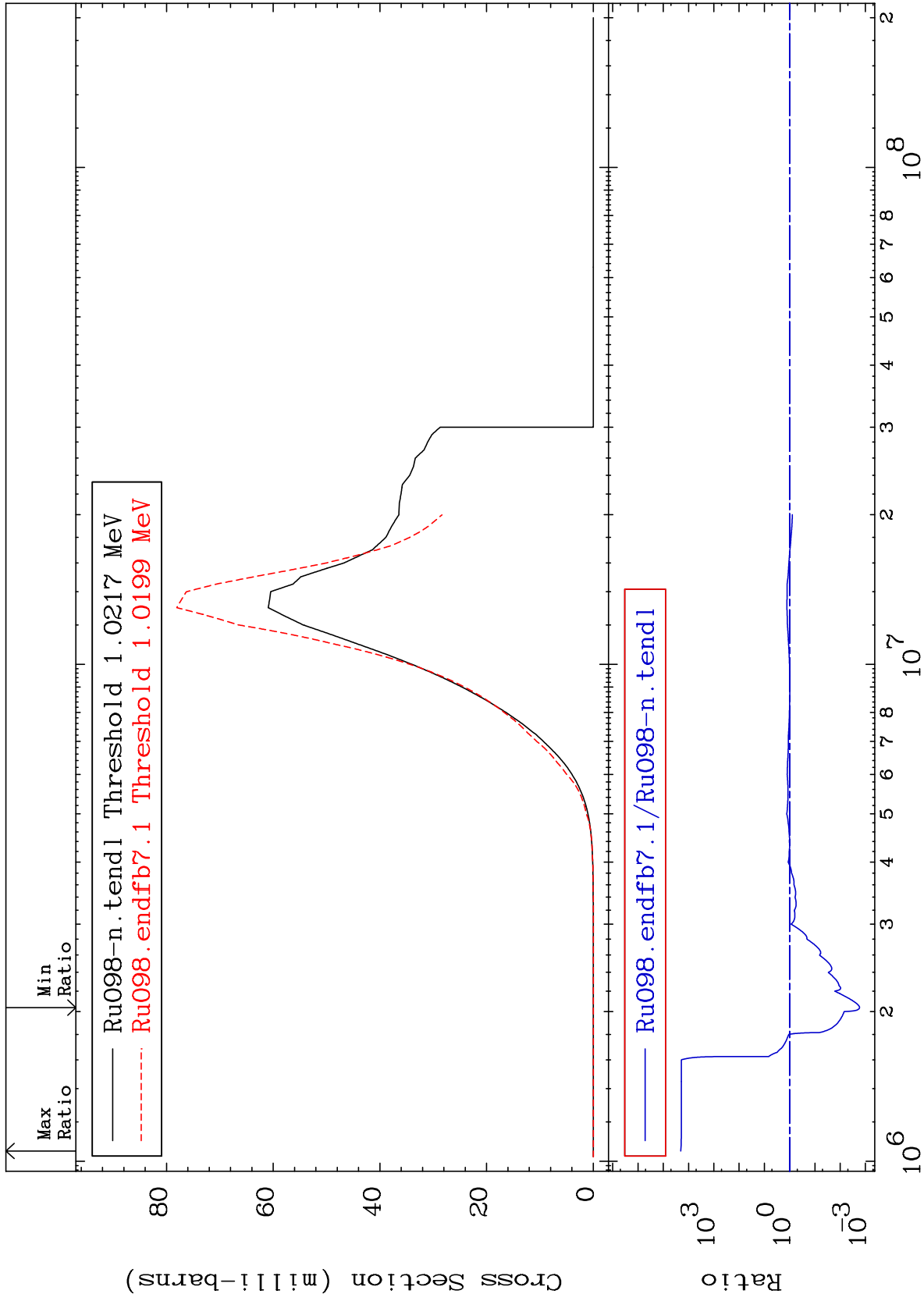
(n, γ)
Cross Section
44-Ru-98
-100.0 To 9999. %



MAT 4431

(n,p)
Cross Section

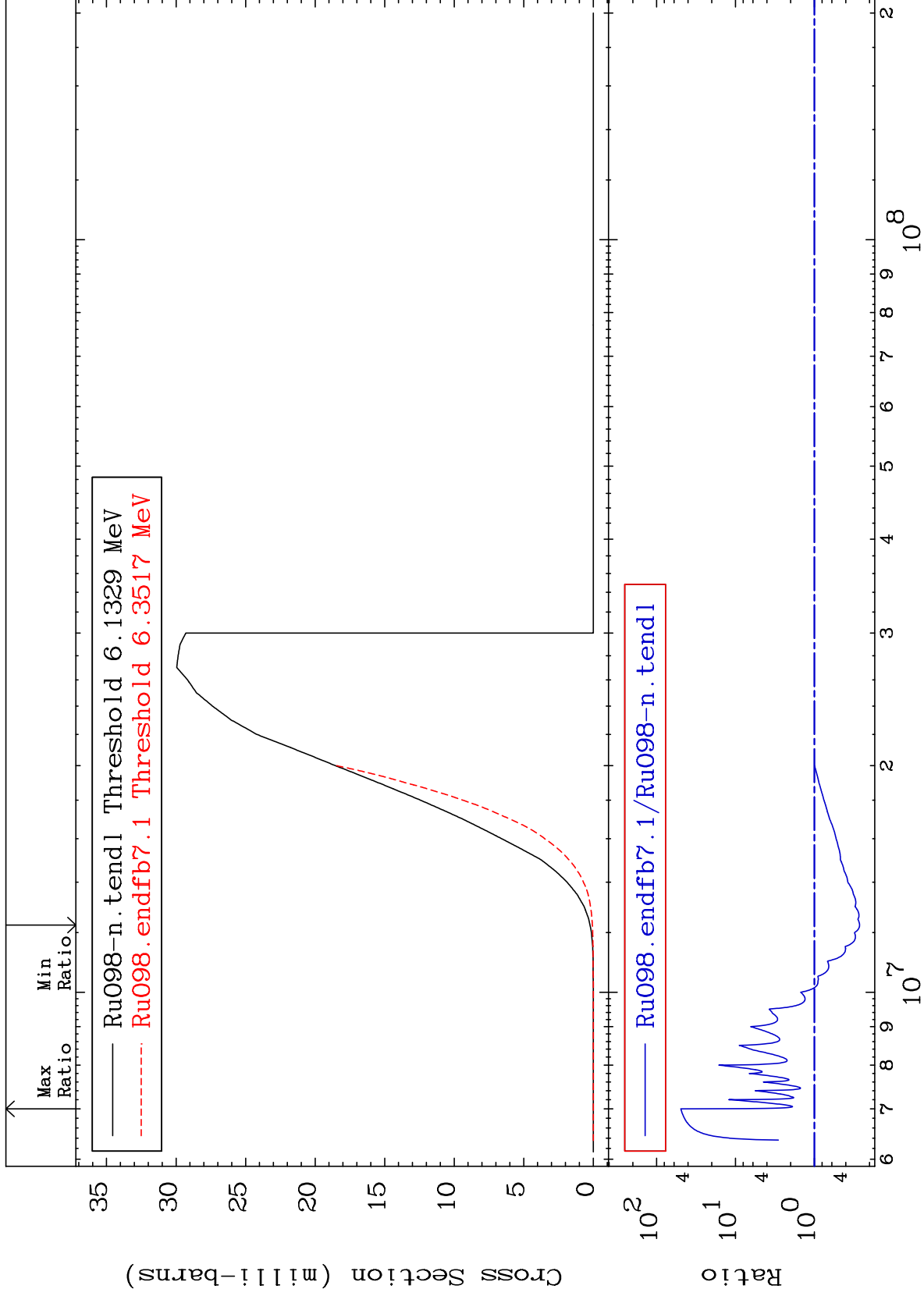
44-Ru-98
-99.83 To 9999. %



24

Incident Energy (eV)

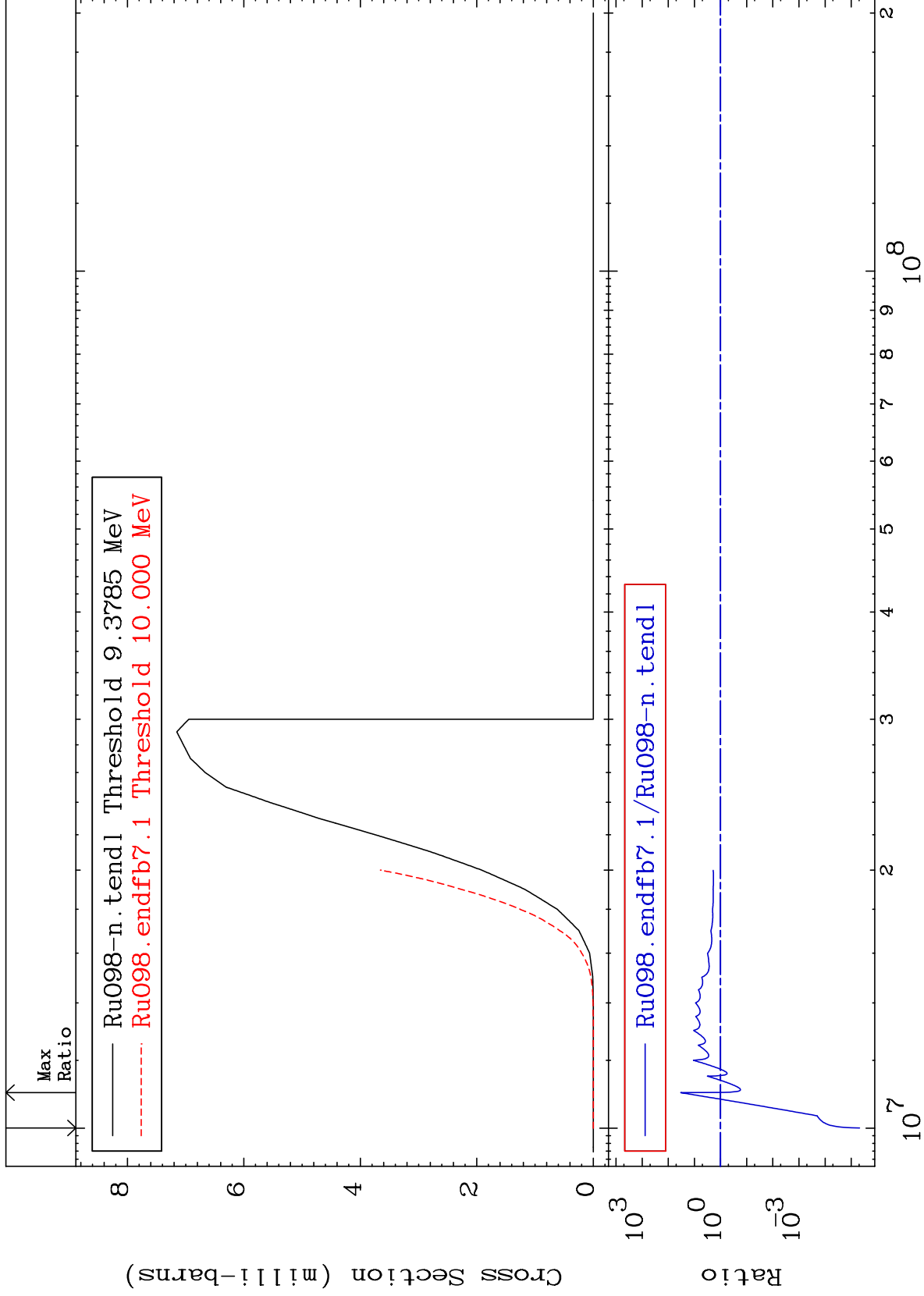
44-Ru-98



MAT 4431

(n, t)
Cross Section

44-Ru-98
-100.0 To 3230. %



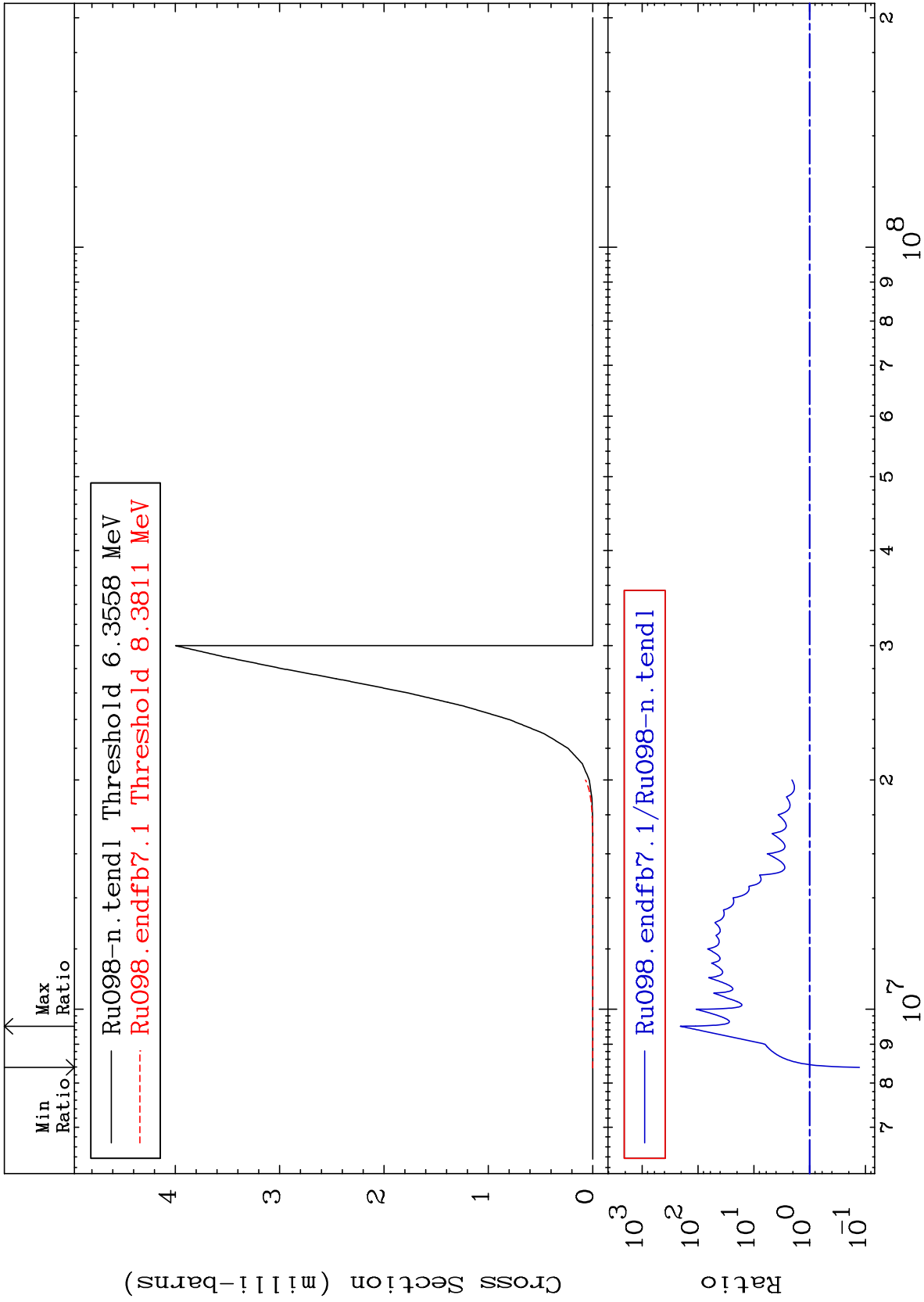
26

Incident Energy (eV)

44-Ru-98

Cross Section

-87.14 To 9999. %



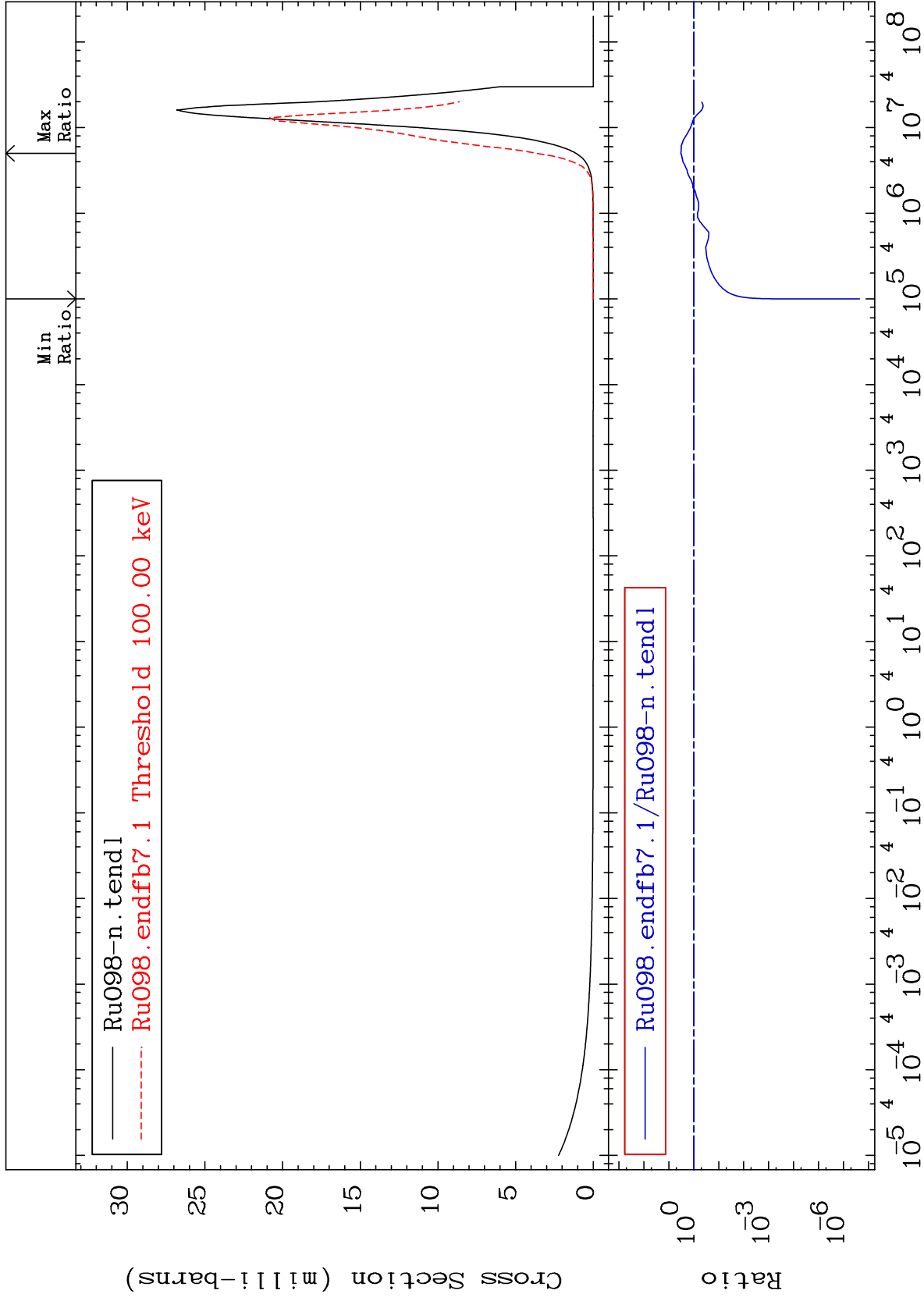
MAT 4431

(n, α)

44-Ru-98

Cross Section

-100.0 To 232.4 %



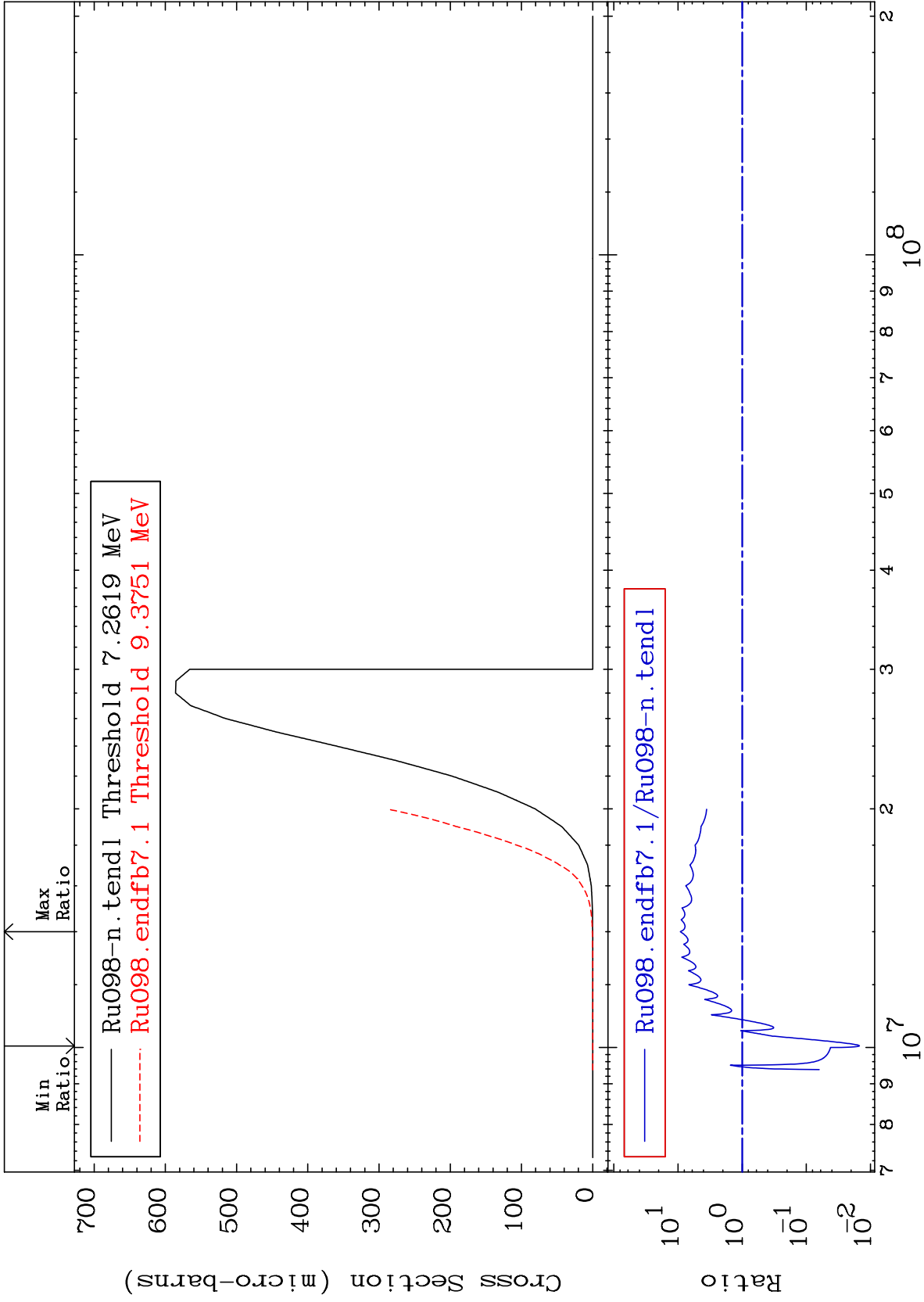
28

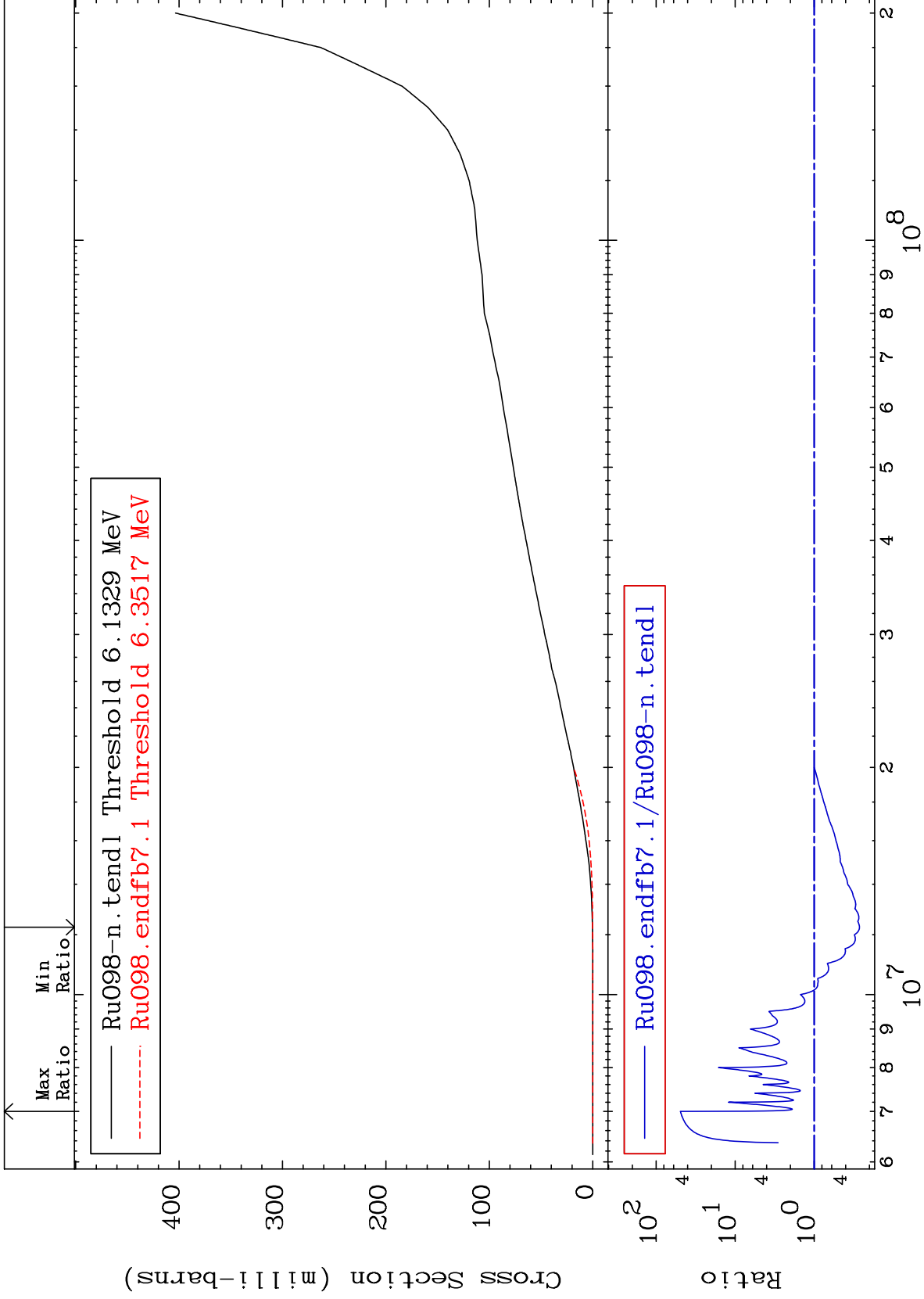
Incident Energy (eV)

44-Ru-98

Cross Section

-98.51 To 818.7 %

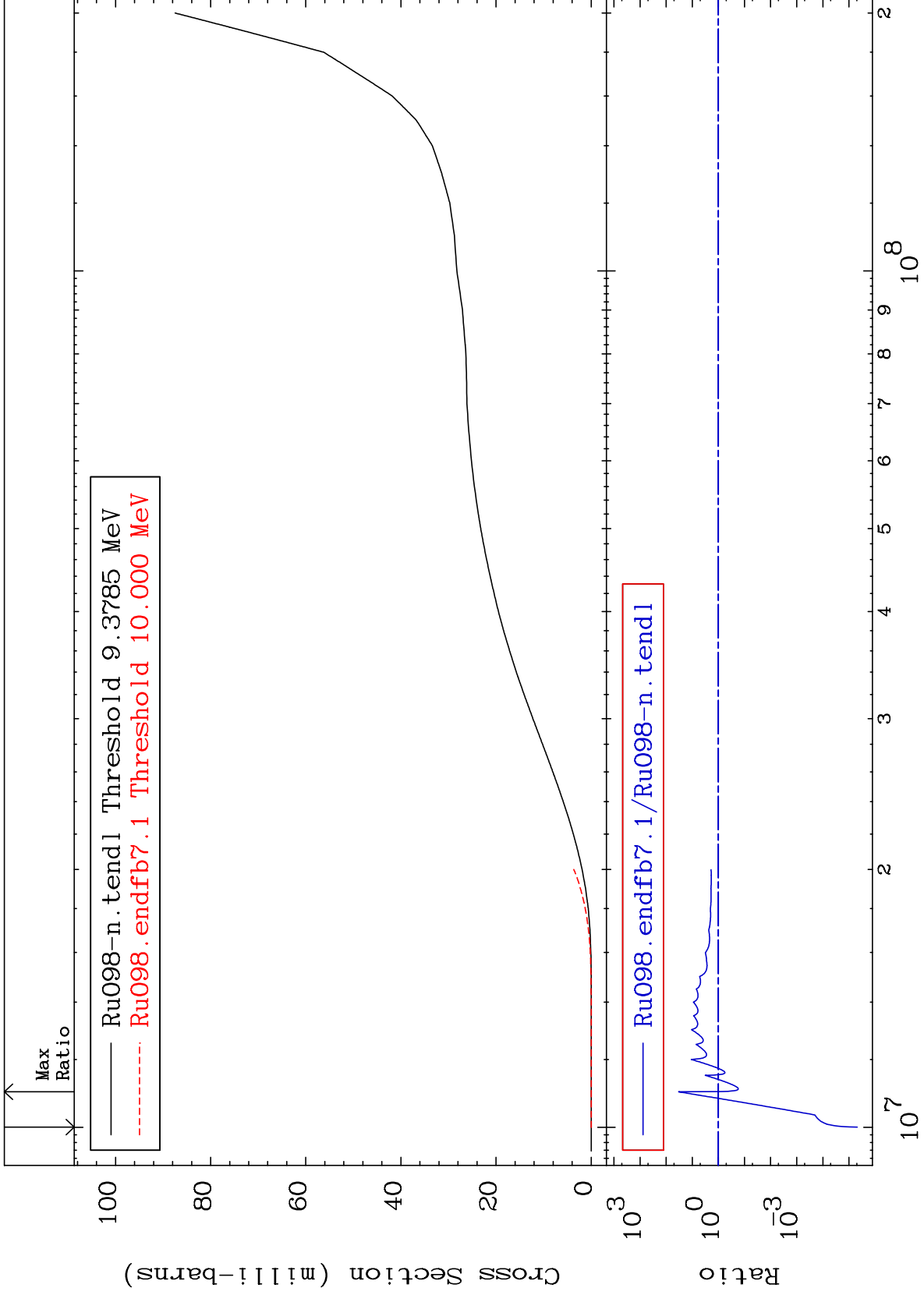


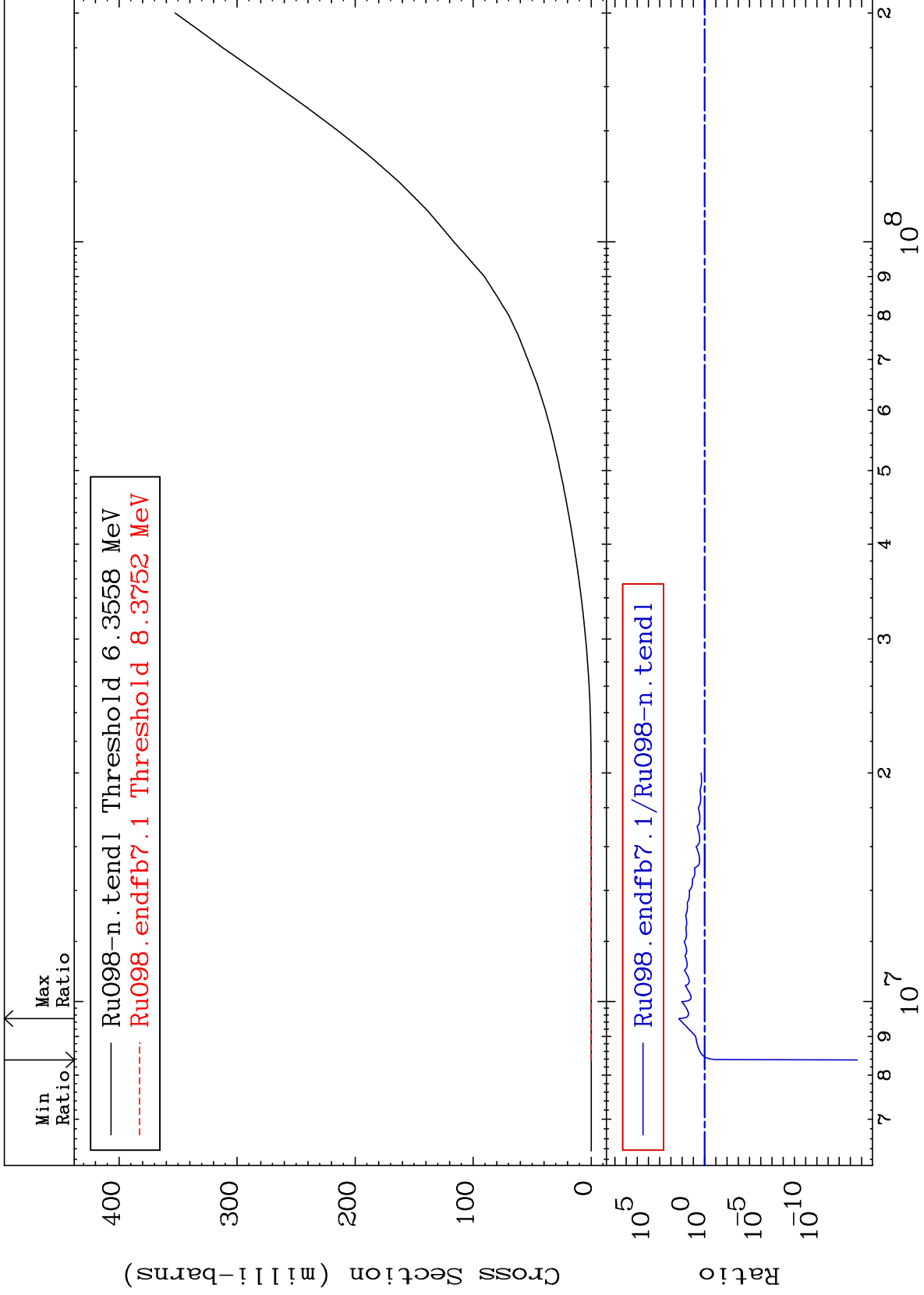


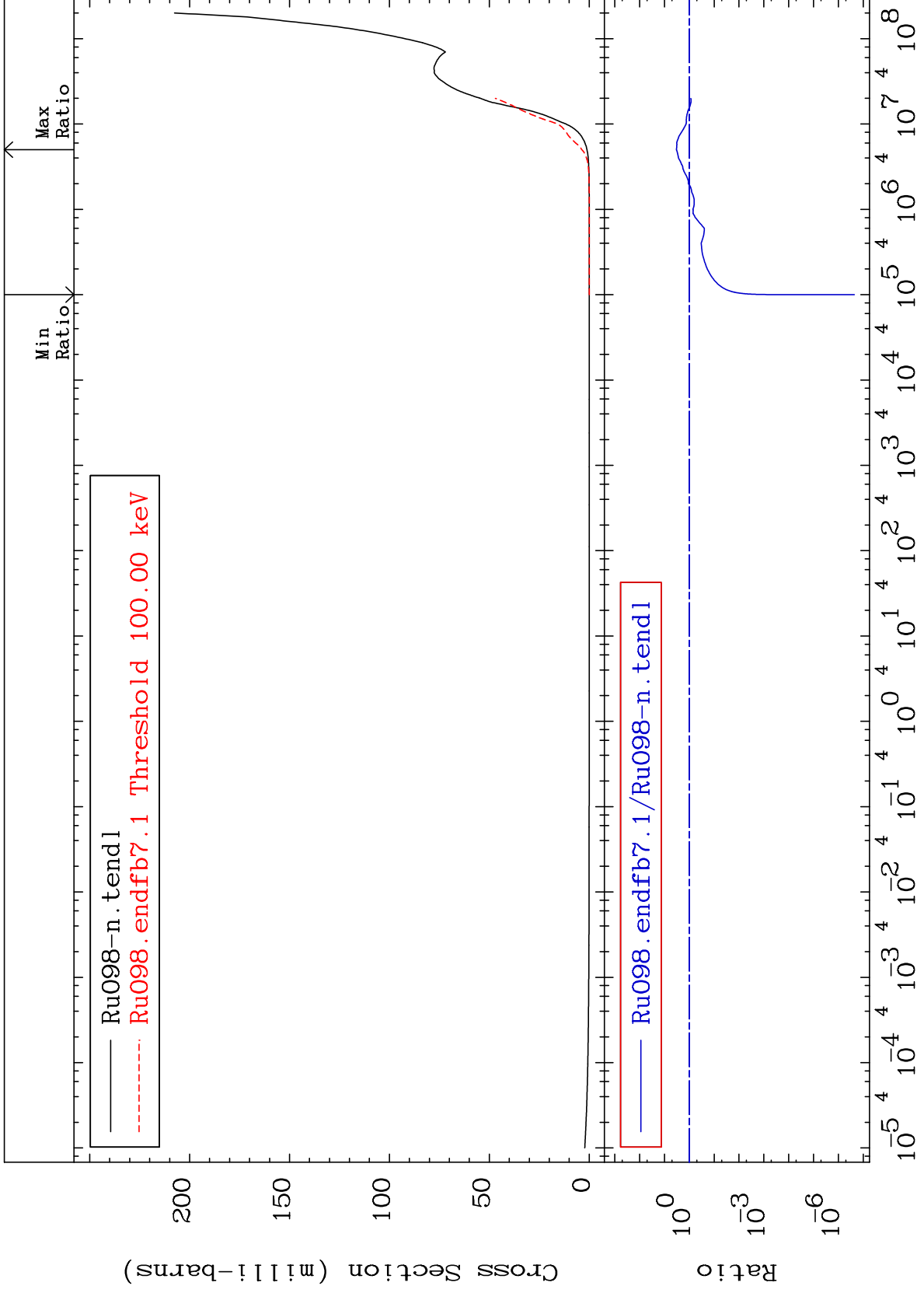
MAT 4431

Tritium Production
Cross Section

44-Ru-98
-100.0 To 3230. %







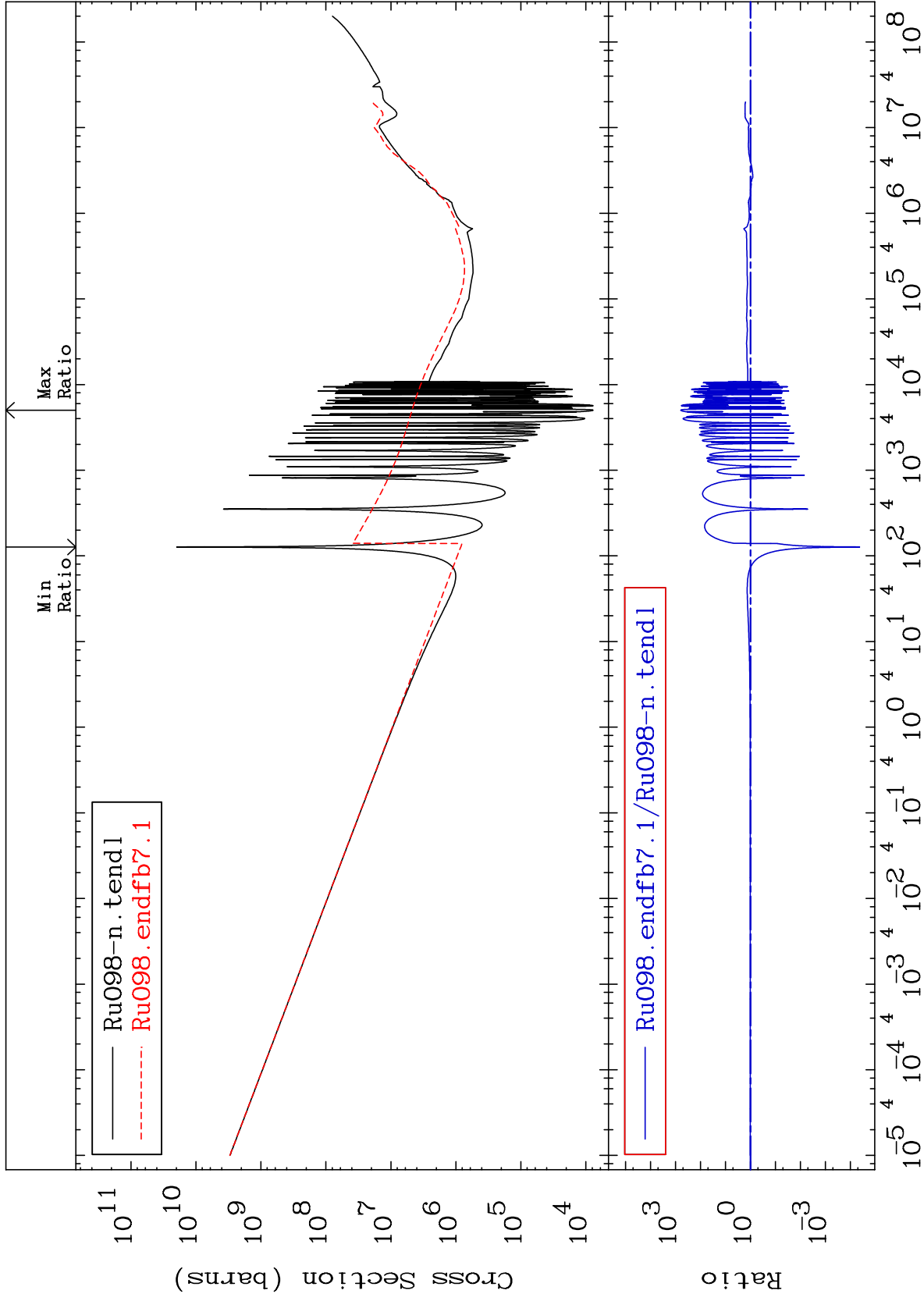
MAT 4431

Kerma total (eV-barns)

44-Ru-98

-100.0 To 9999. %

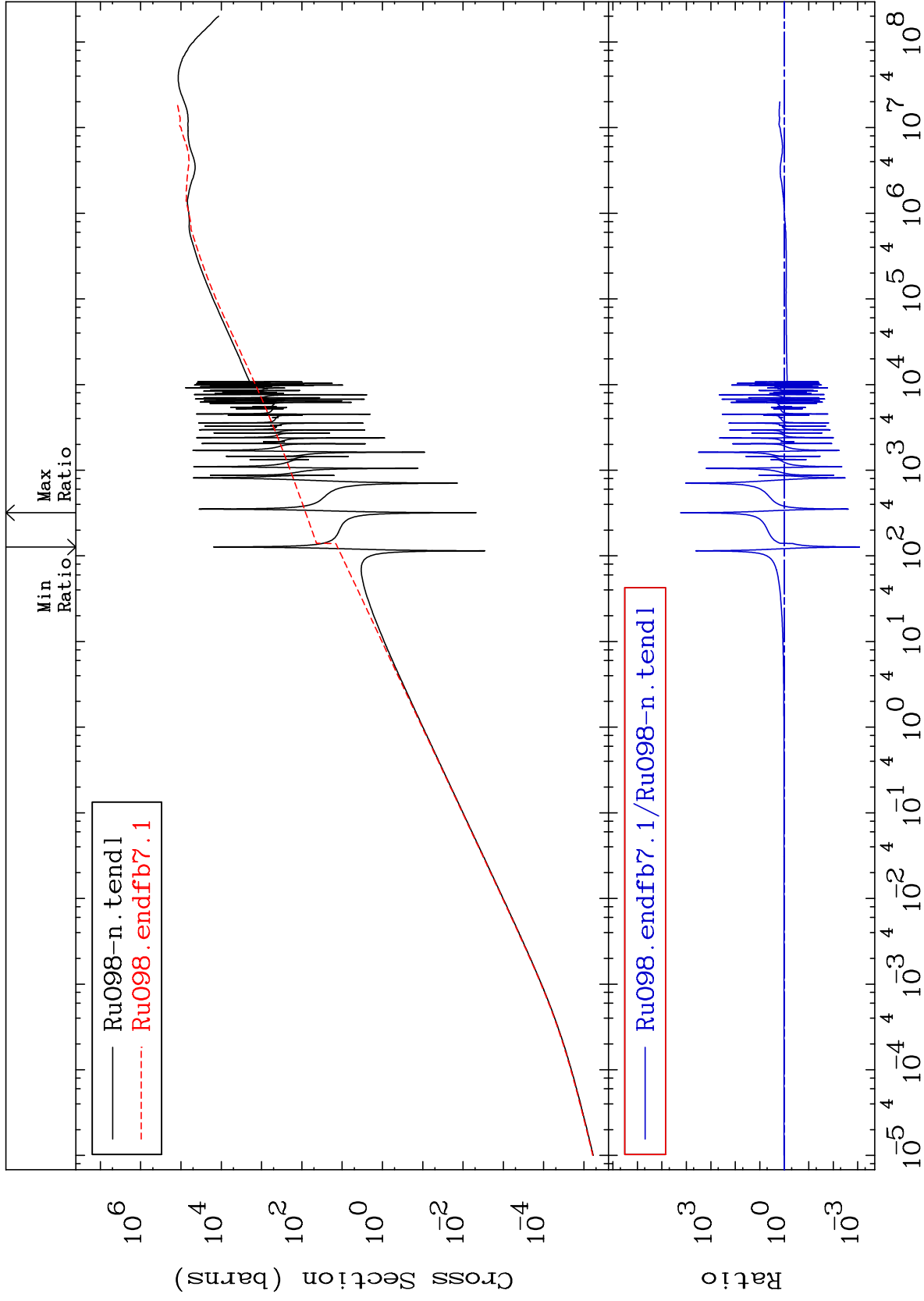
Cross Section

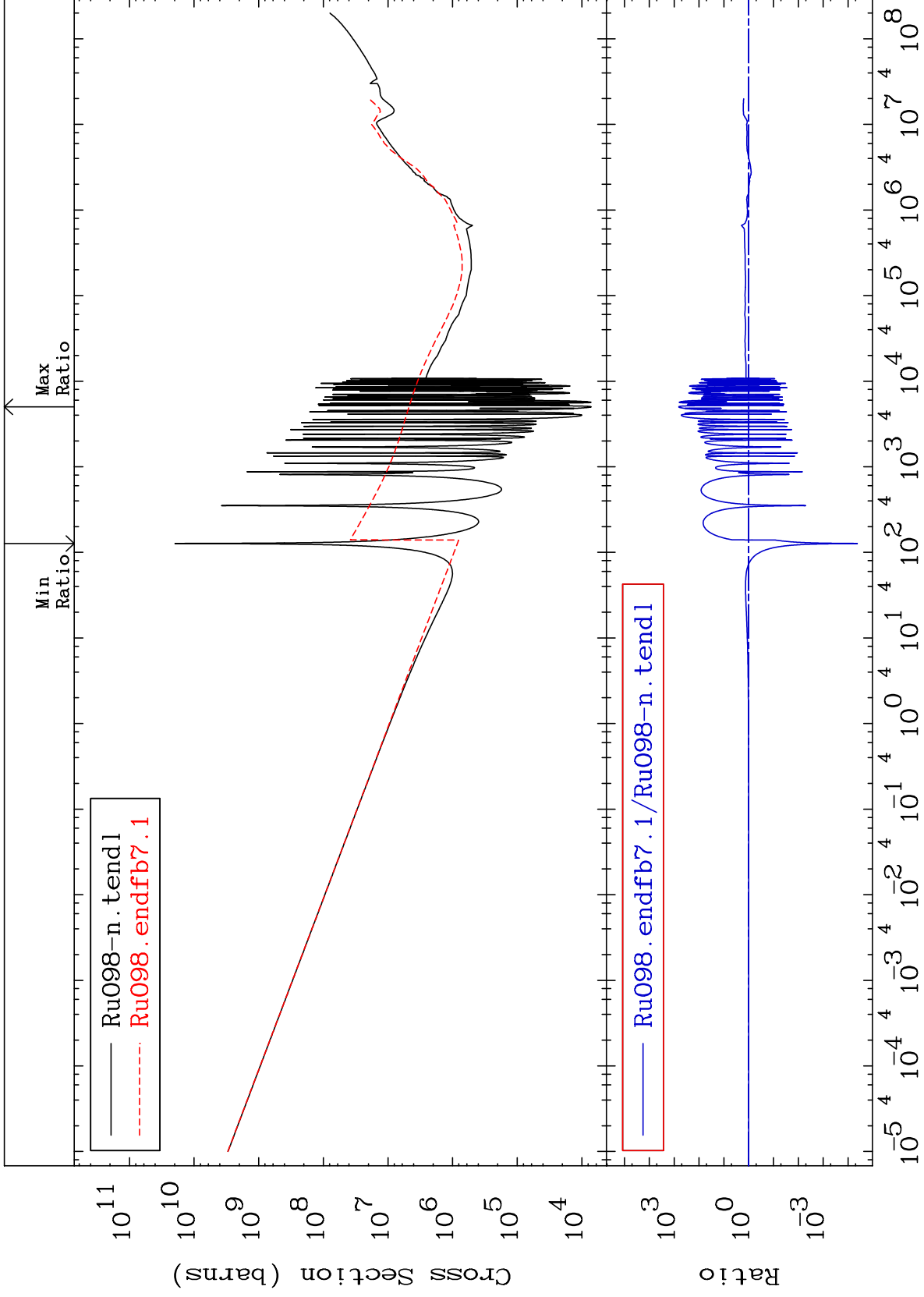


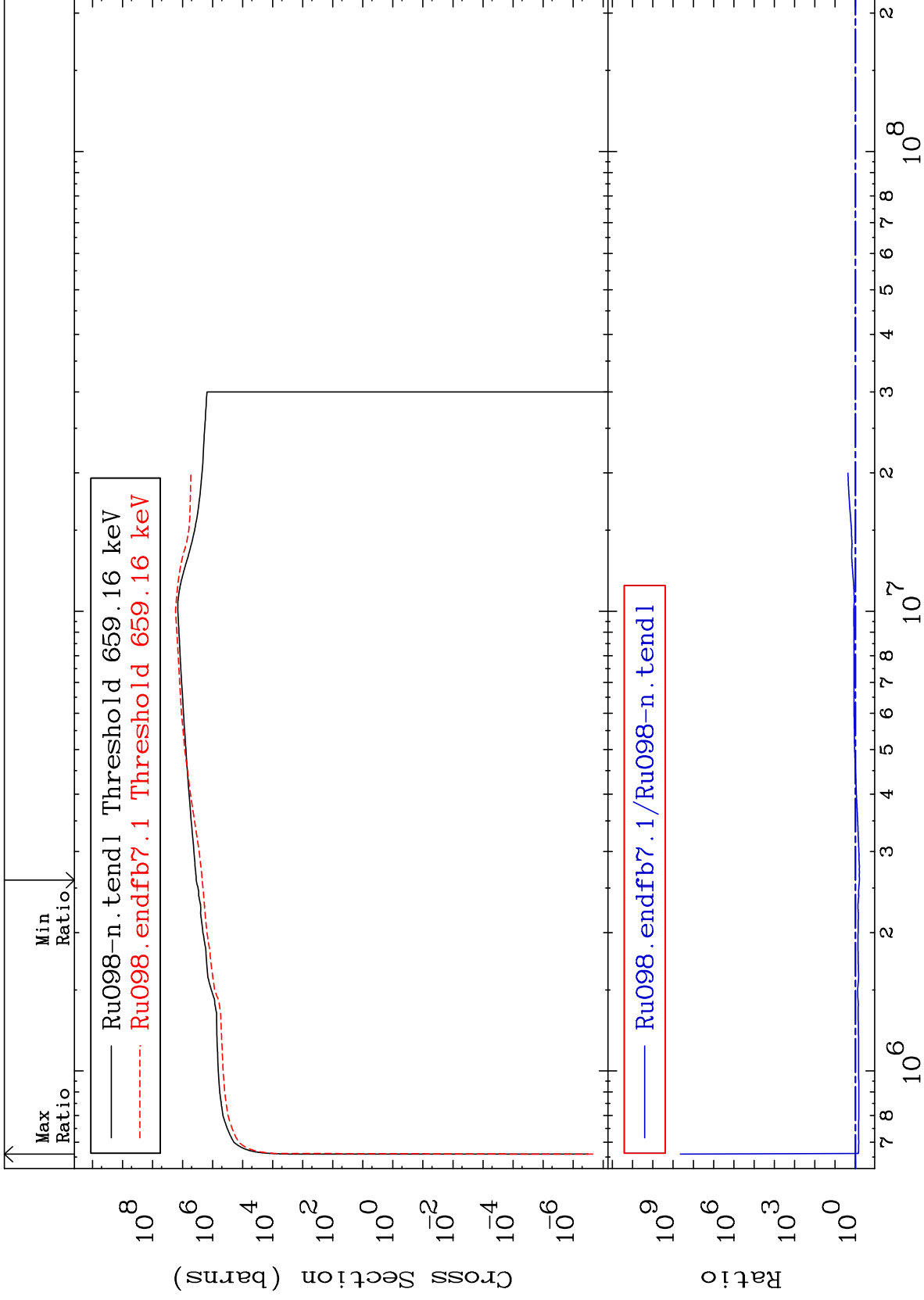
35

Incident Energy (eV)

44-Ru-98



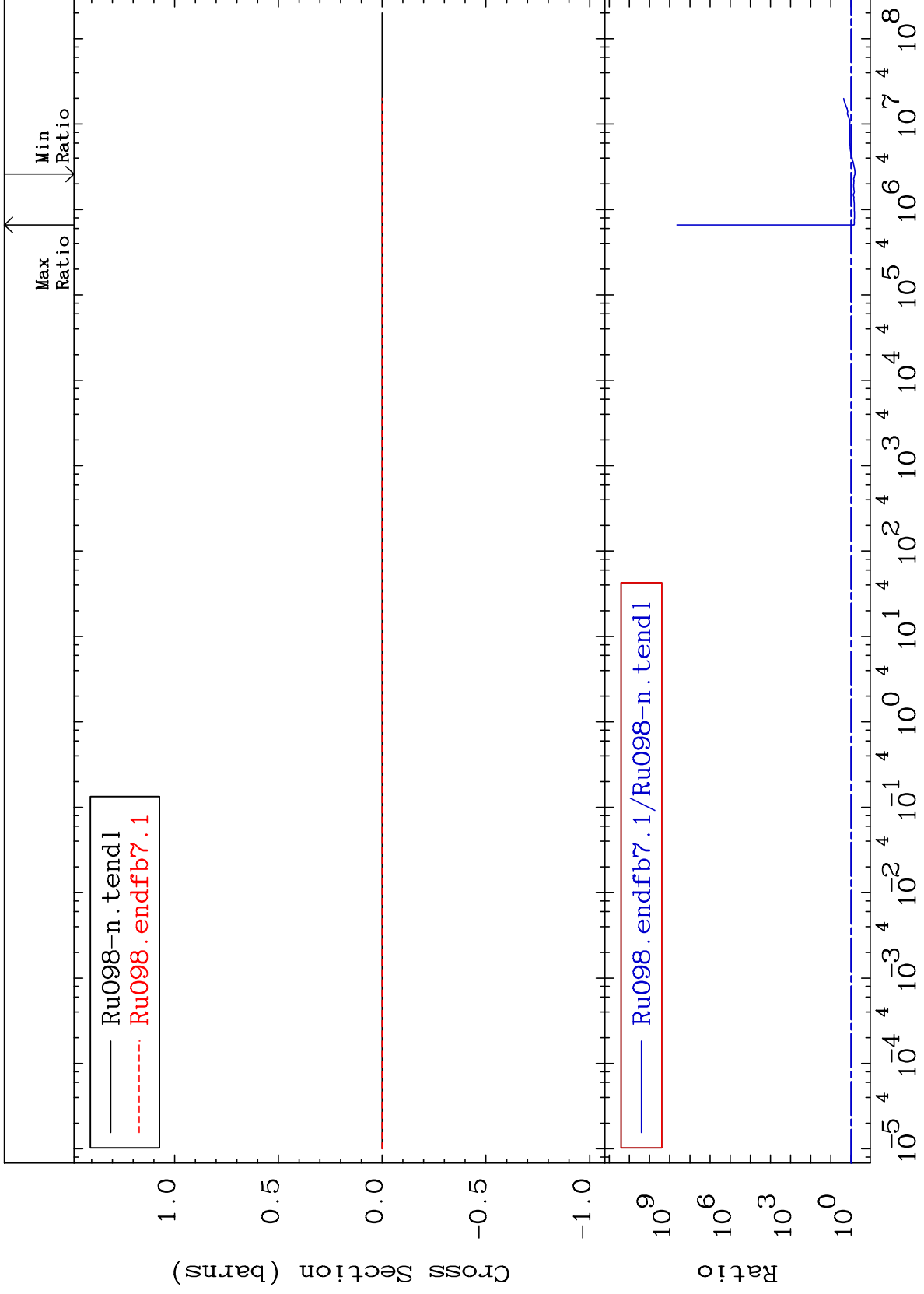




MAT 4431

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

44-Ru-98
-36.84 To 9999. %



39

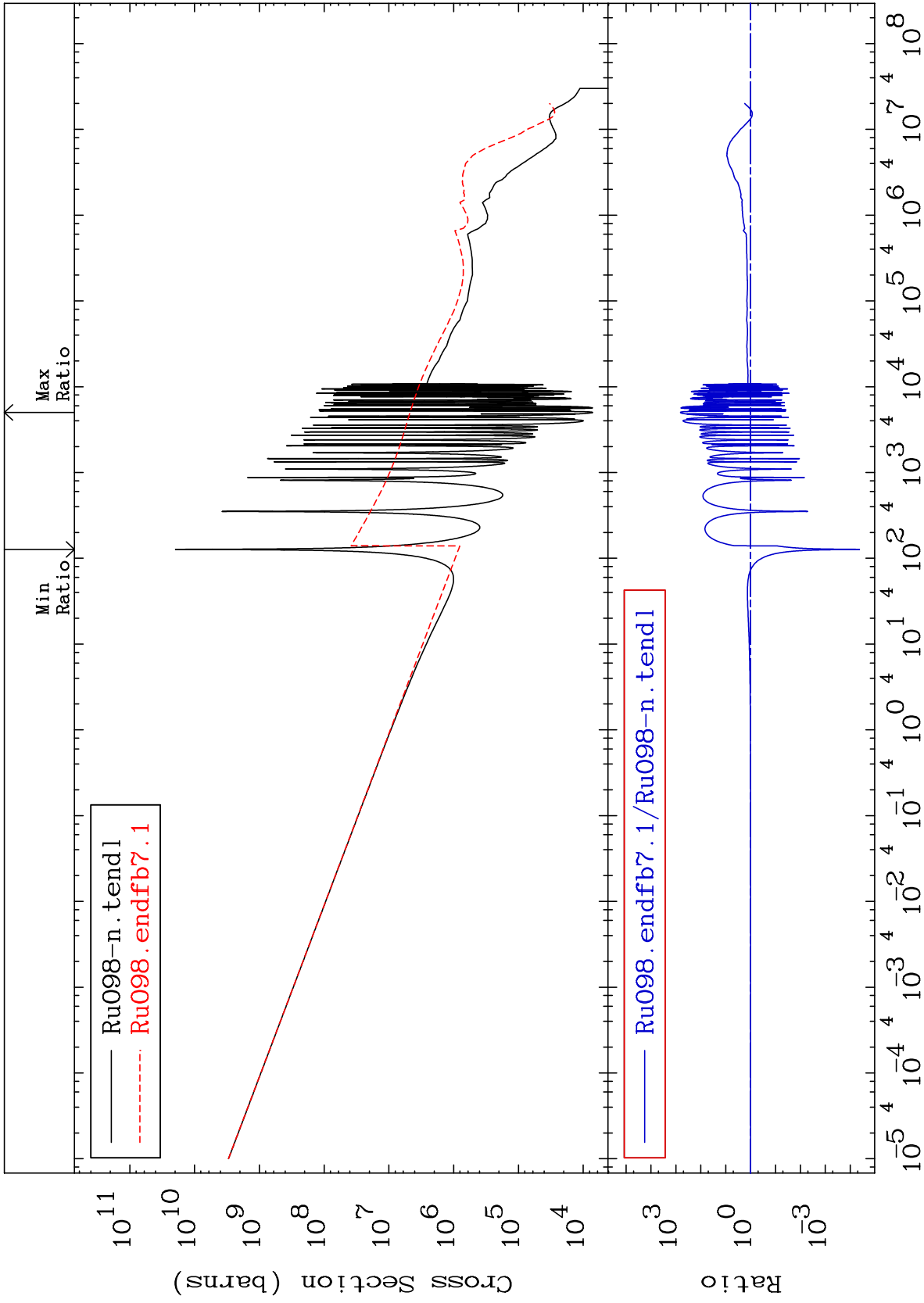
Incident Energy (eV)

44-Ru-98

MAT 4431

Kerma capture (mt102)
Cross Section

44-Ru-98
-100.0 To 9999. %



40

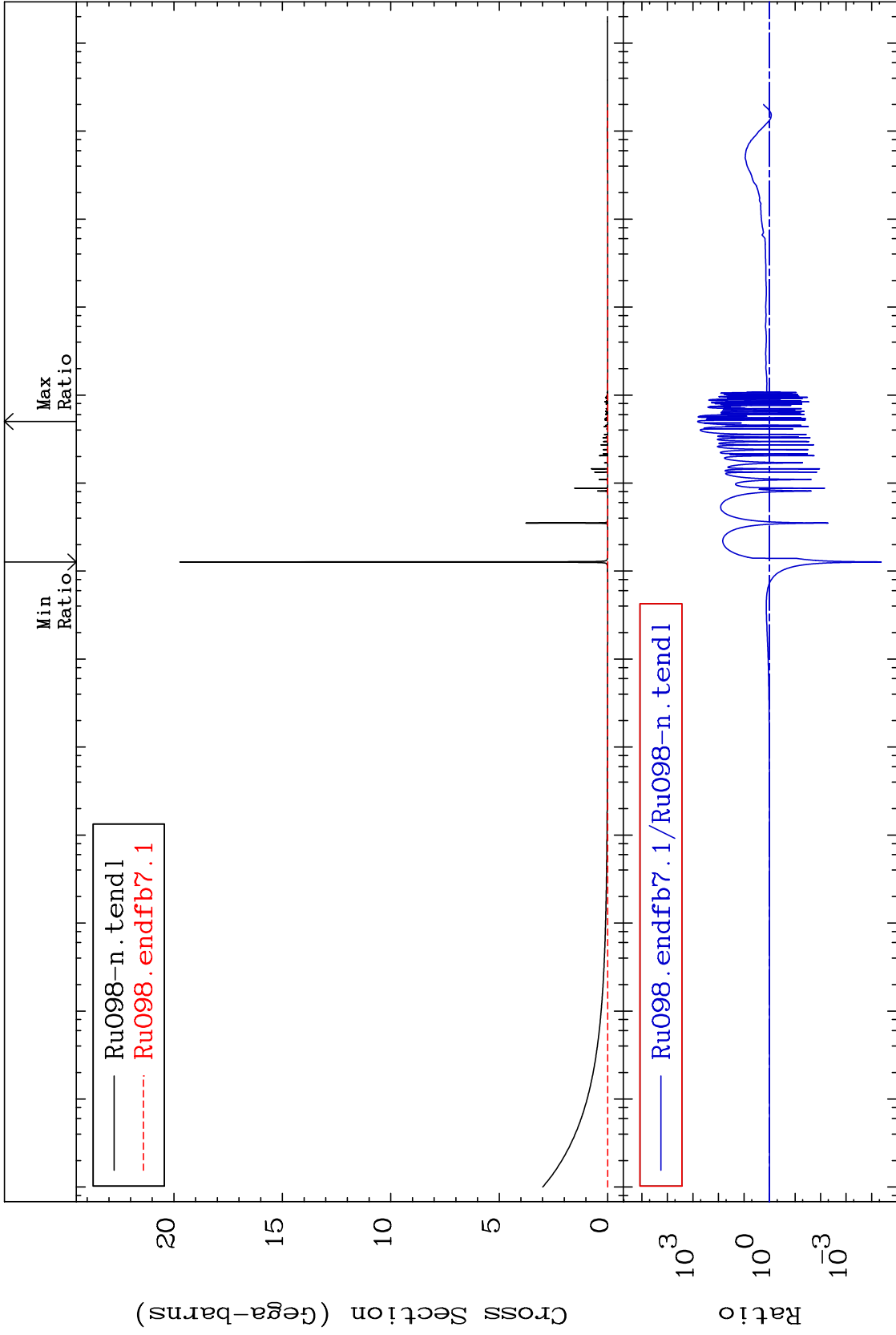
Incident Energy (eV)

44-Ru-98

MAT 4431

Total photon (eV-barns)
Cross Section

44-Ru-98
-100.0 To 9999. %



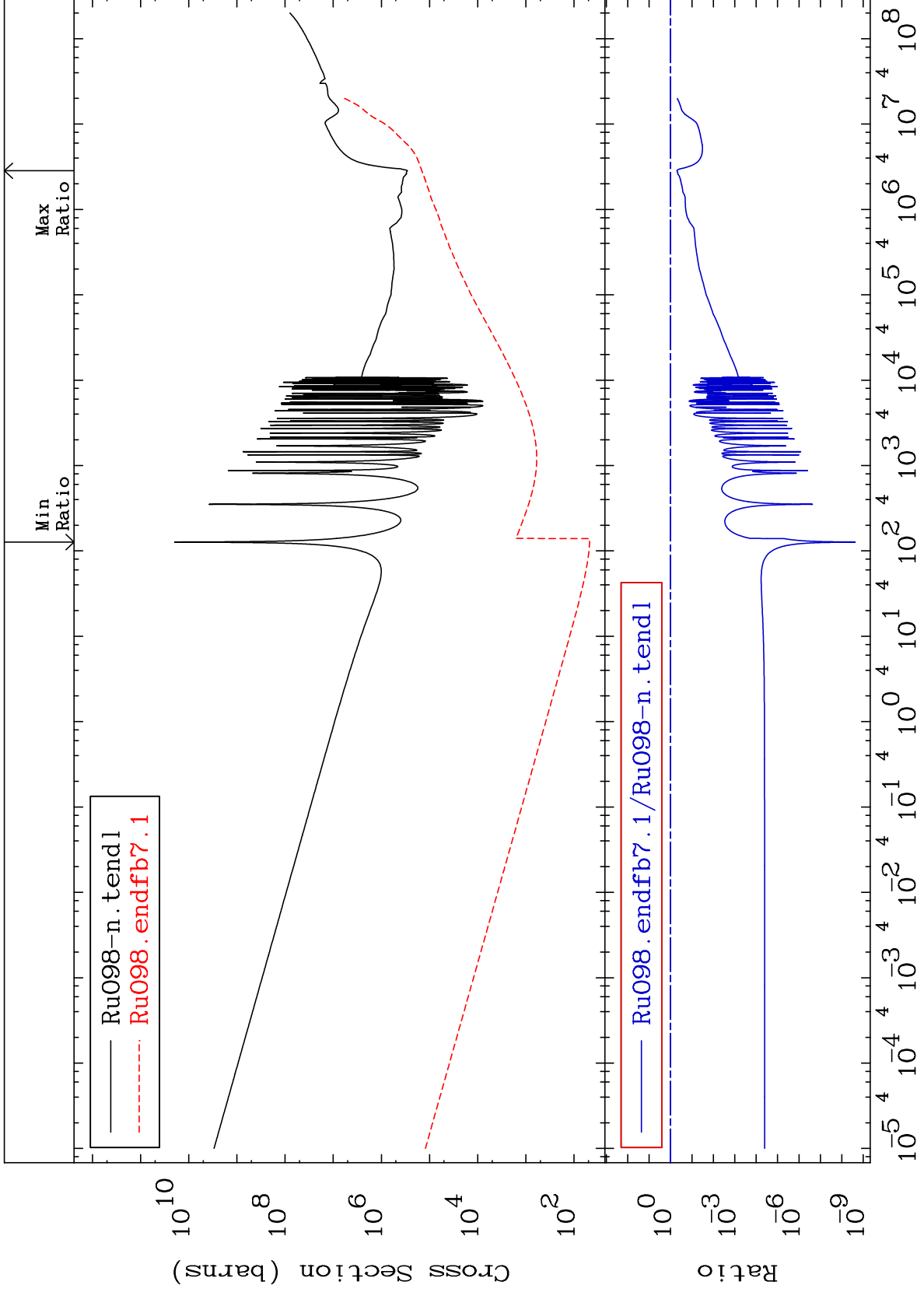
— Ru098-n.tendl
- - - Ru098.endfb7.1

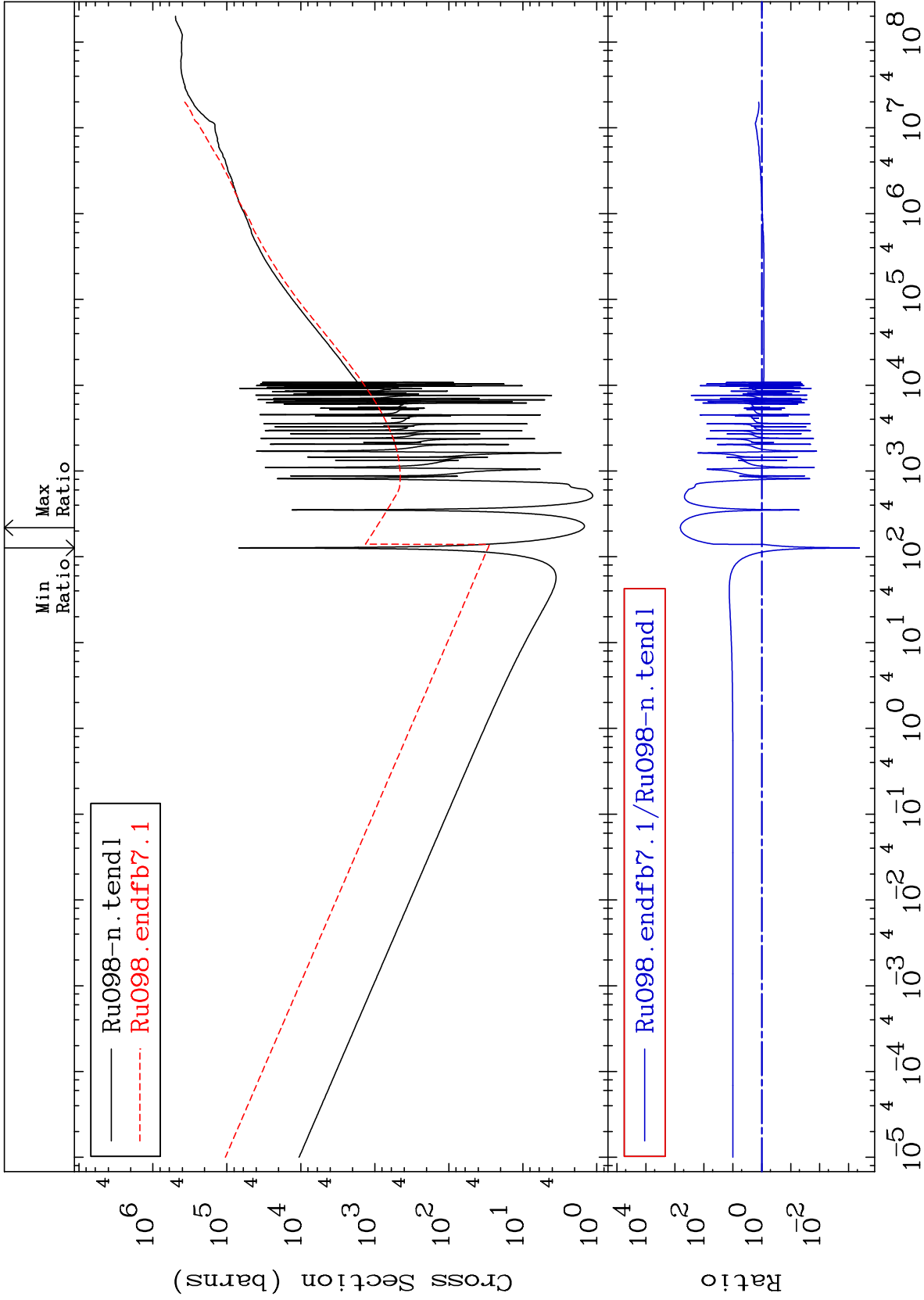
— Ru098.endfb7.1/Ru098-n.tendl

MAT 4431

Total kinematic kerma (high limit)
Cross Section

44-Ru-98
-100.0 To -49.72%

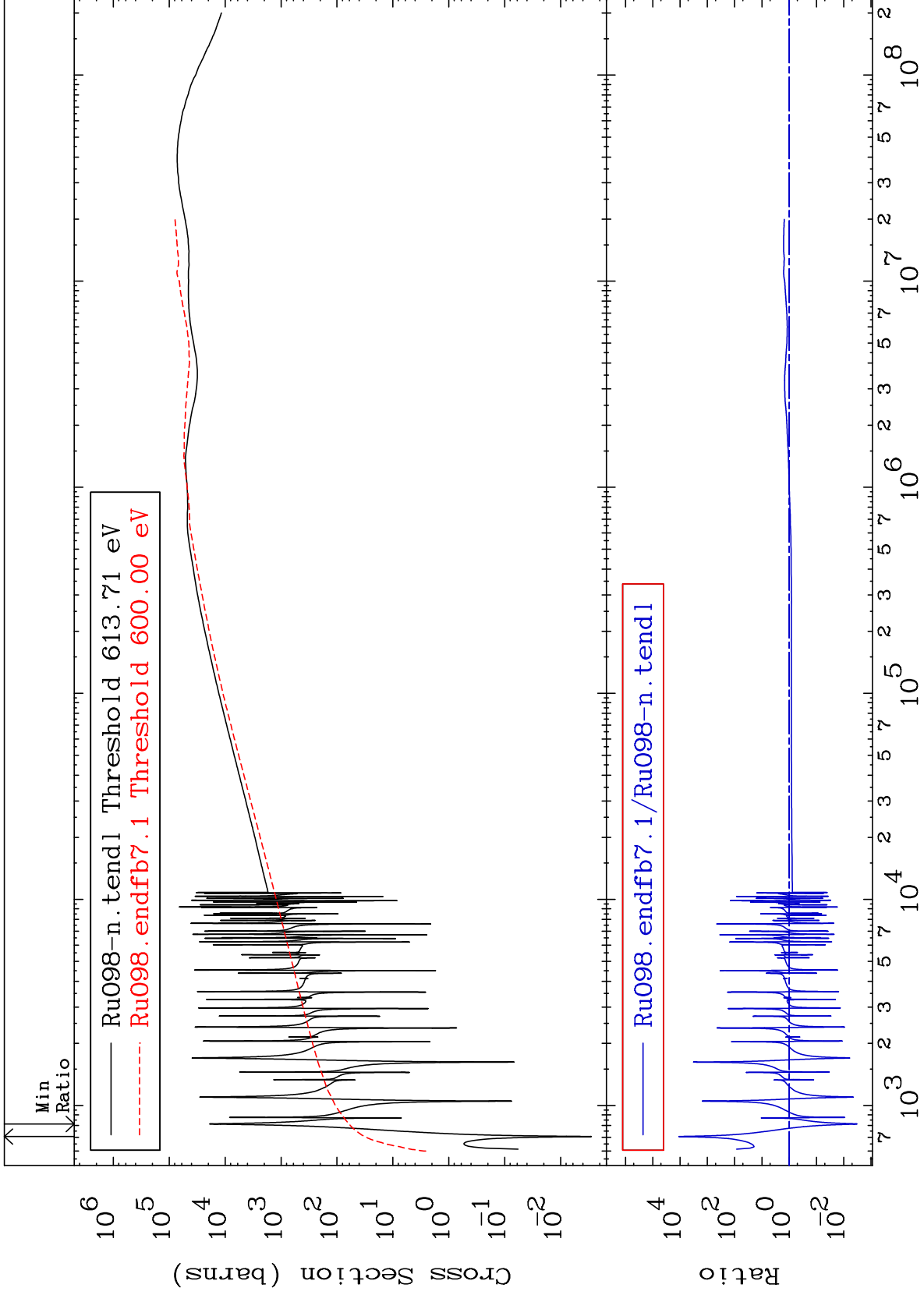




MAT 4431

Dpa elastic (mt2)
Cross Section

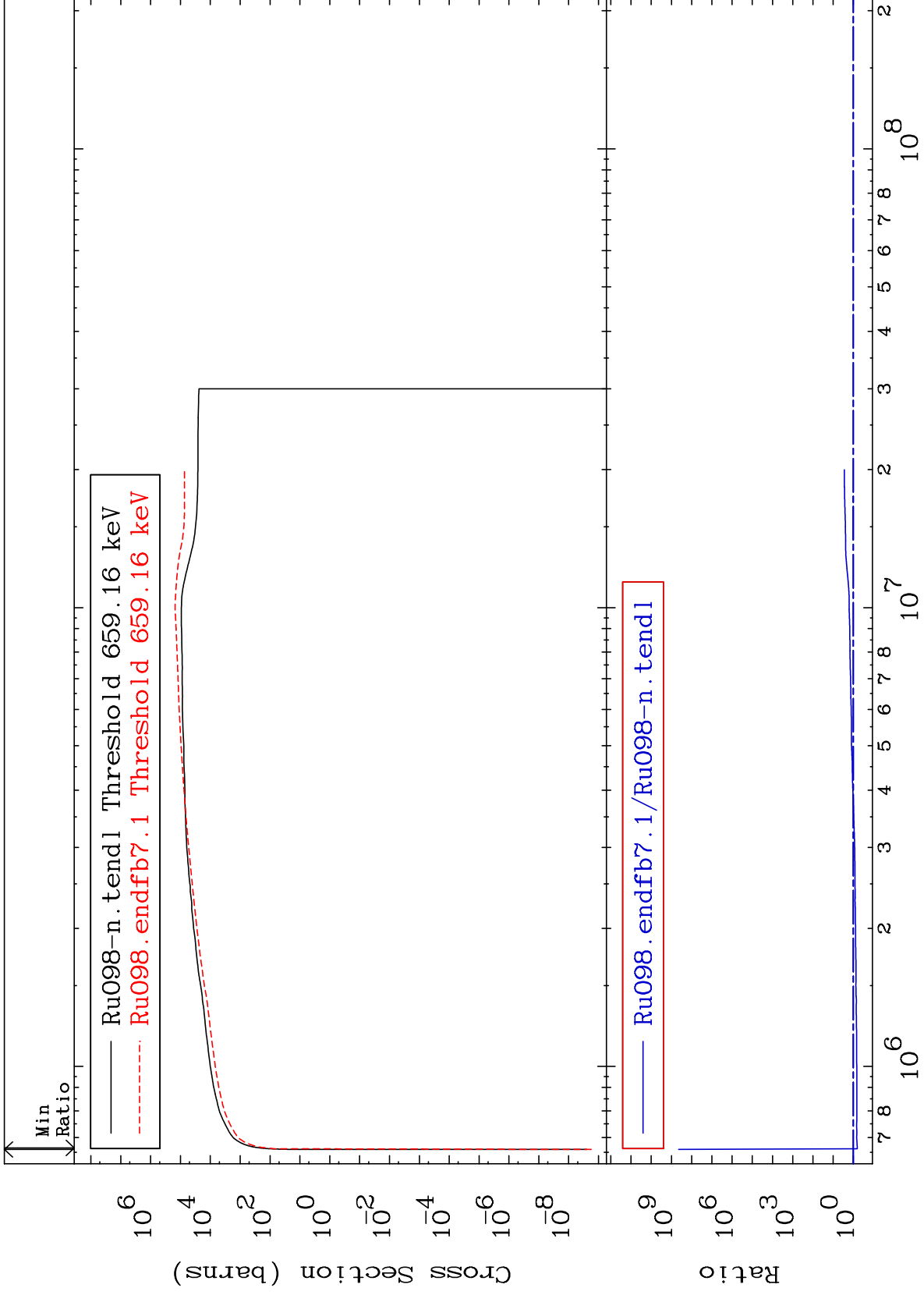
44-Ru-98
-99.68 To 9999. %



MAT 4431

Dpa inelastic (mt51-91)
Cross Section

44-Ru-98
-35.67 To 9999. %



MAT 4431

Dpa disappearance (mt102 -120)
Cross Section

44-Ru-98
-99.96 To 9999. %

