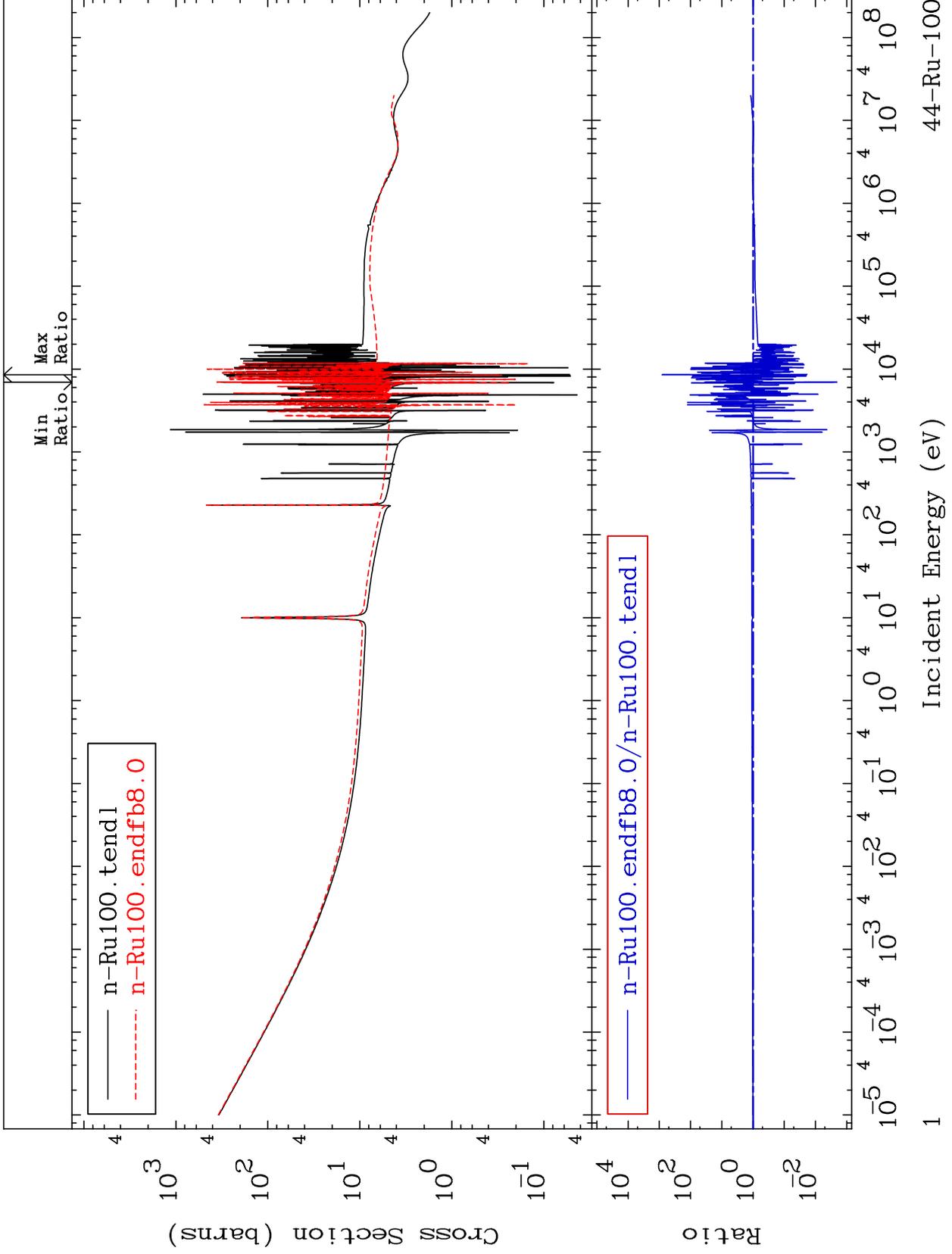


MAT 4437

Total
Cross Section

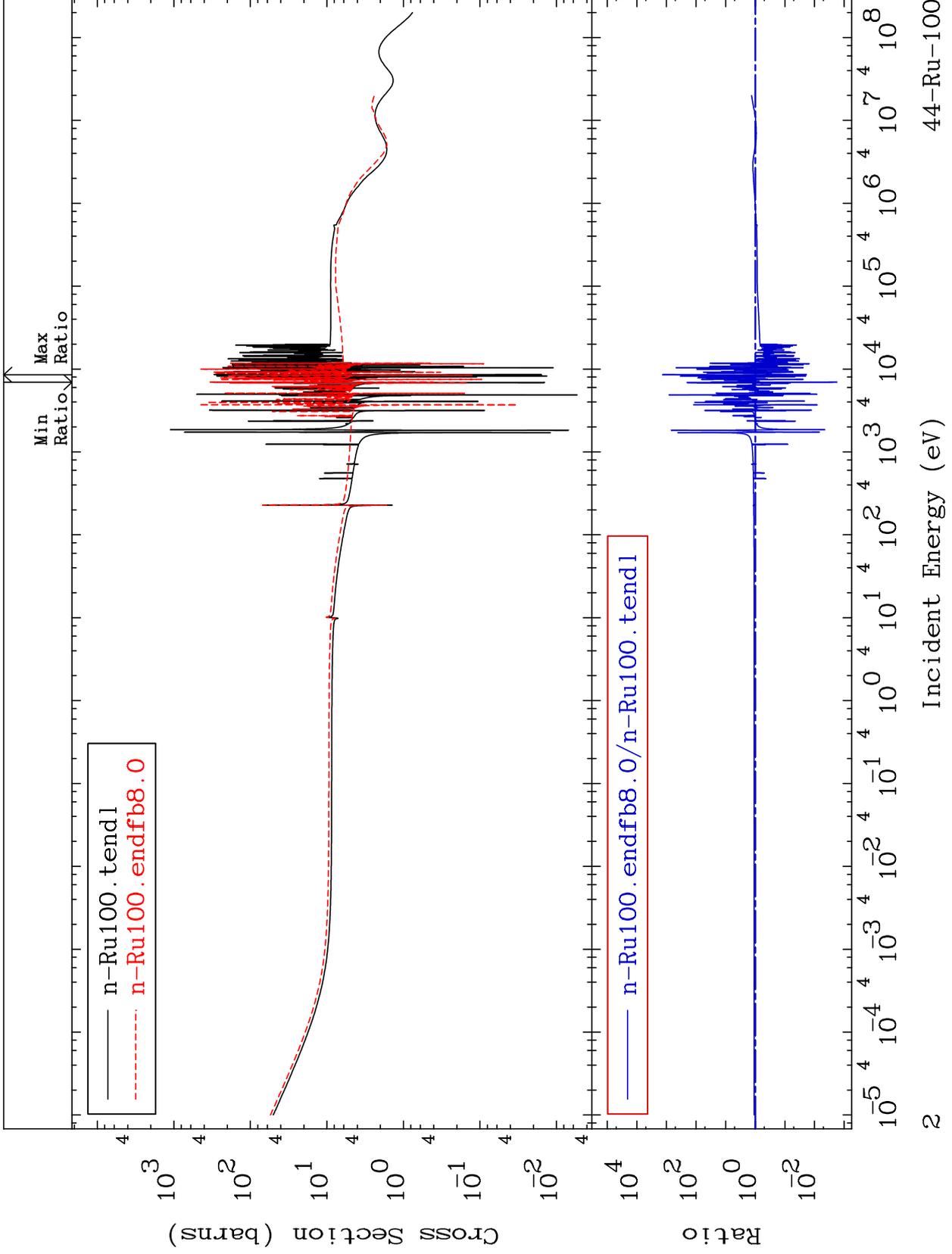
44-Ru-100
-99.79 To 9999. %



MAT 4437

Elastic
Cross Section

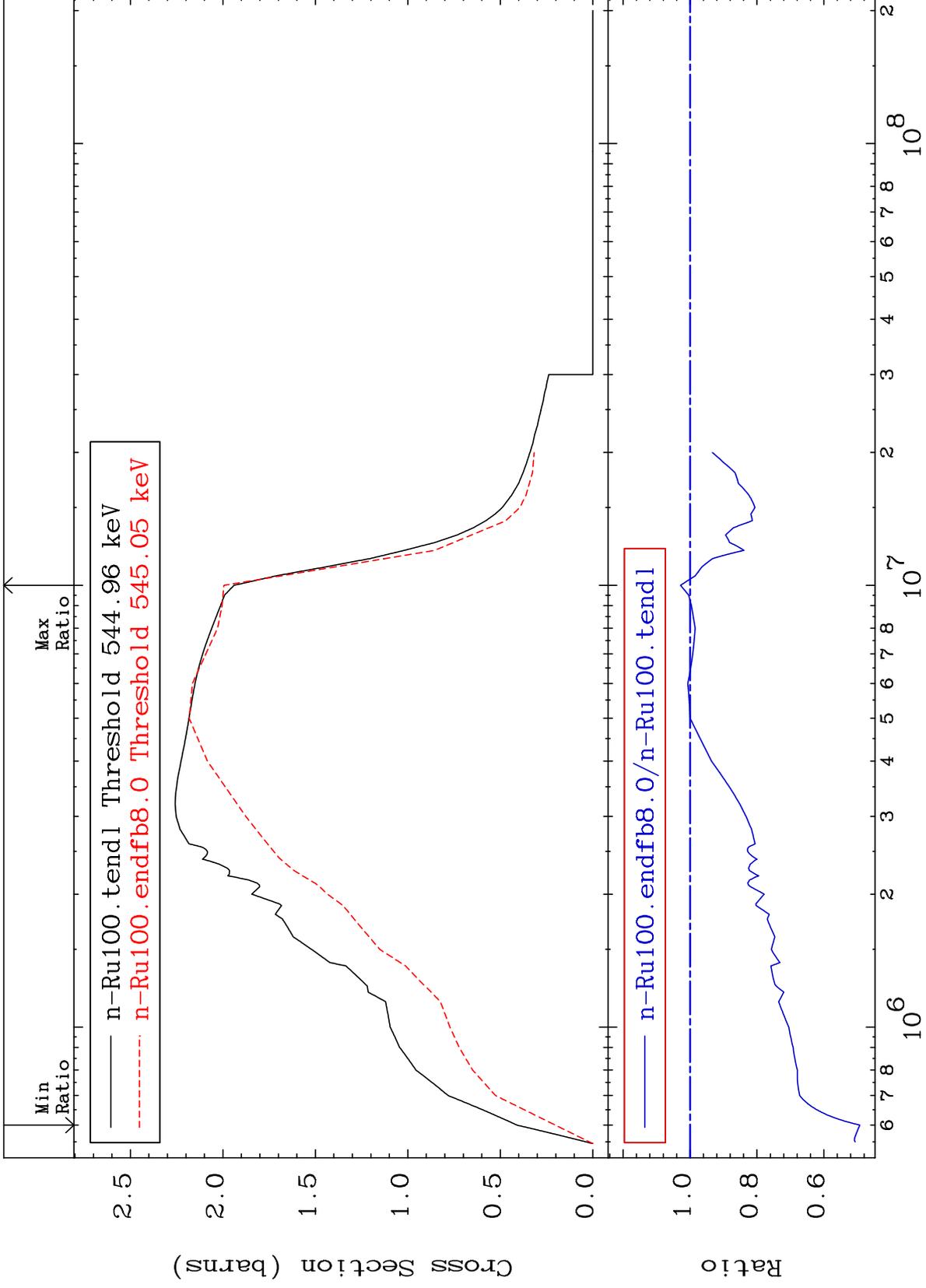
44-Ru-100
-99.82 To 9999. %



MAT 4437

Inelastic
Cross Section

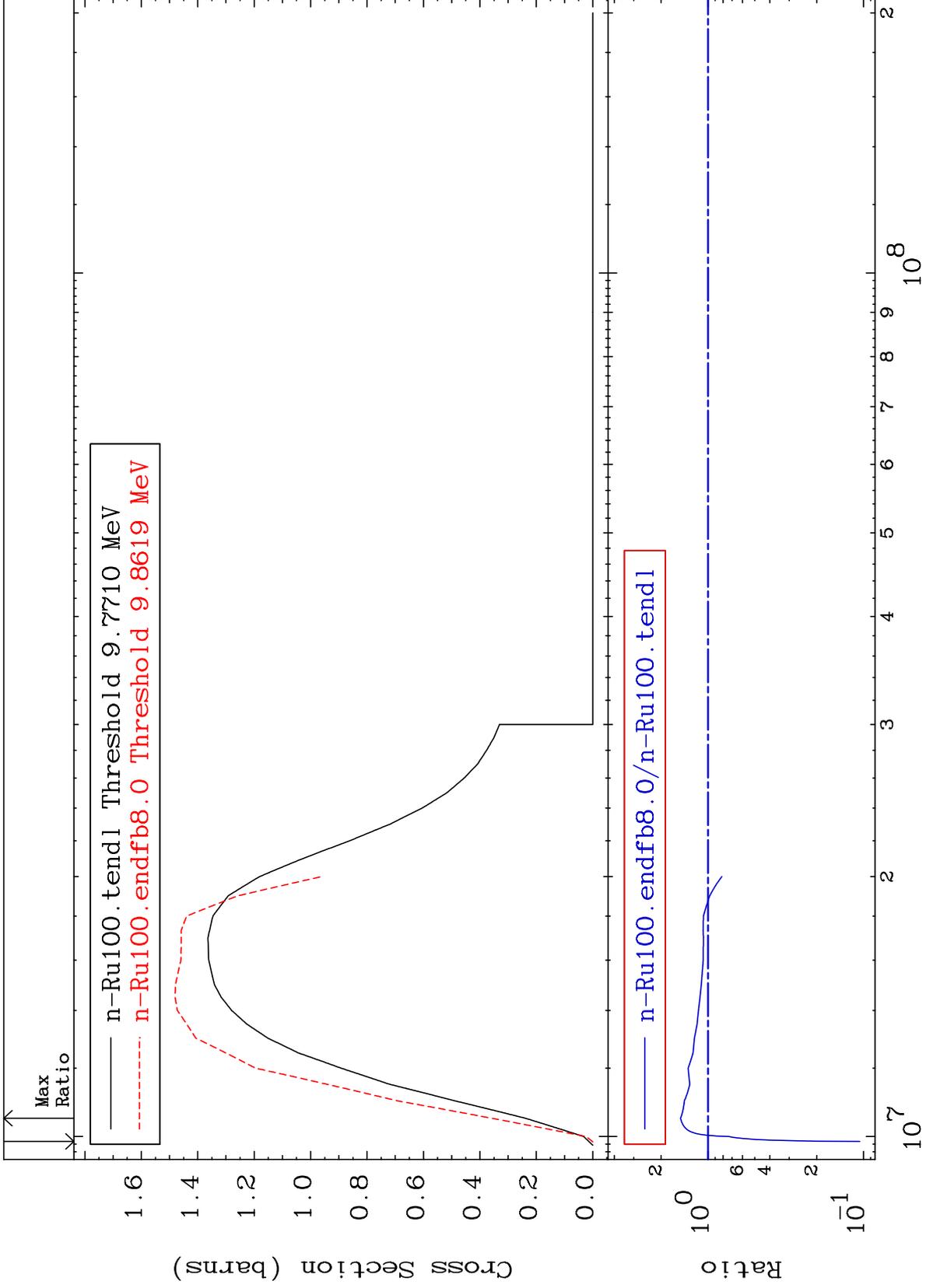
44-Ru-100
-50.72 To 2.843 %



MAT 4437

(n,2n)
Cross Section

44-Ru-100
-89.42 To 50.02 %



4

Incident Energy (eV)

44-Ru-100

MAT 4437

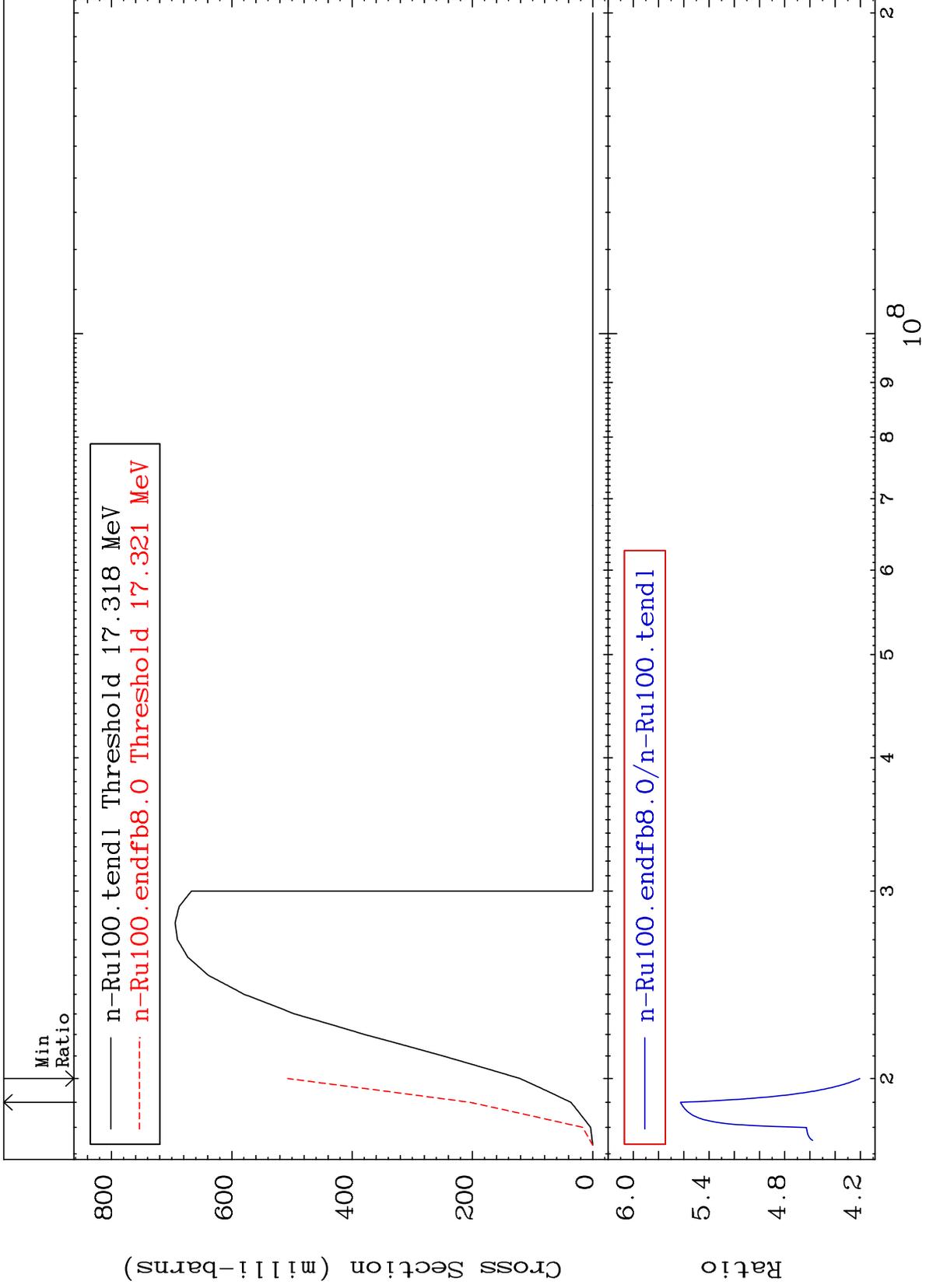
(n,3n)

44-Ru-100

Cross Section

320.5

To 462.6 %



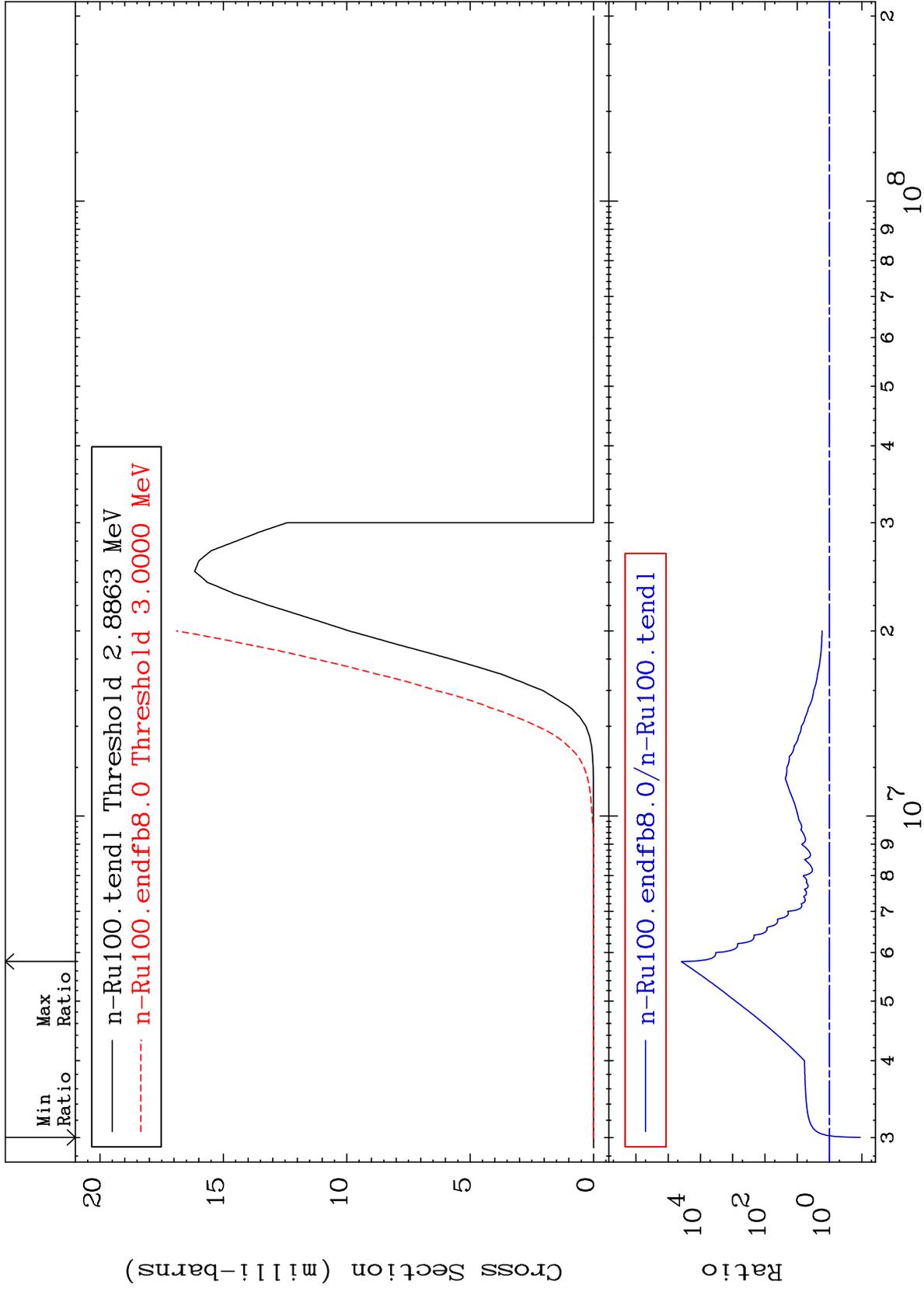
MAT 4437

(n,n') α

44-Ru-100

Cross Section

-88.78 To 9999. %



6

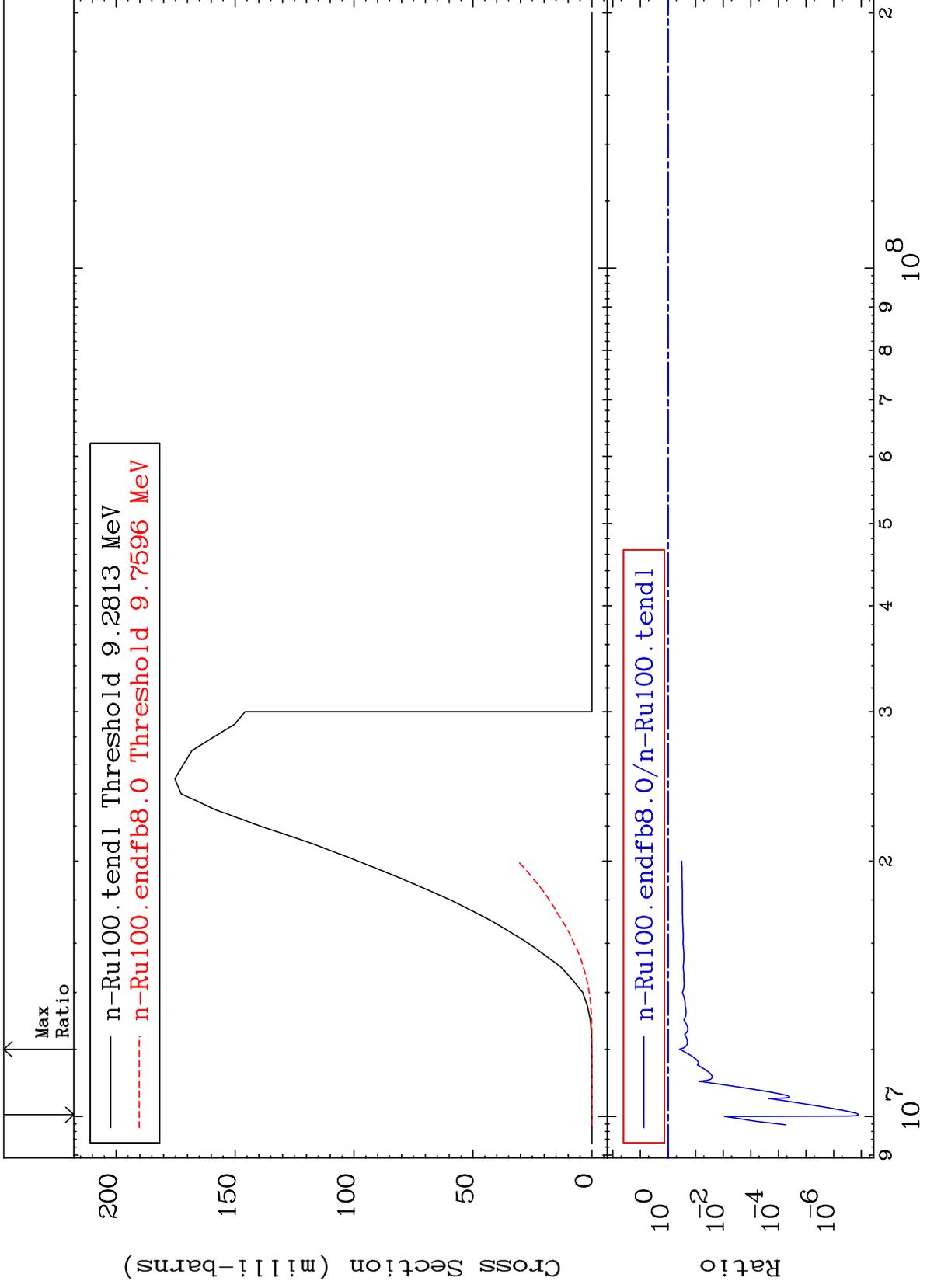
Incident Energy (eV)

44-Ru-100

MAT 4437

(n, n') p
Cross Section

44-Ru-100
-100.0 To -61.86%



44-Ru-100

44-Ru-100

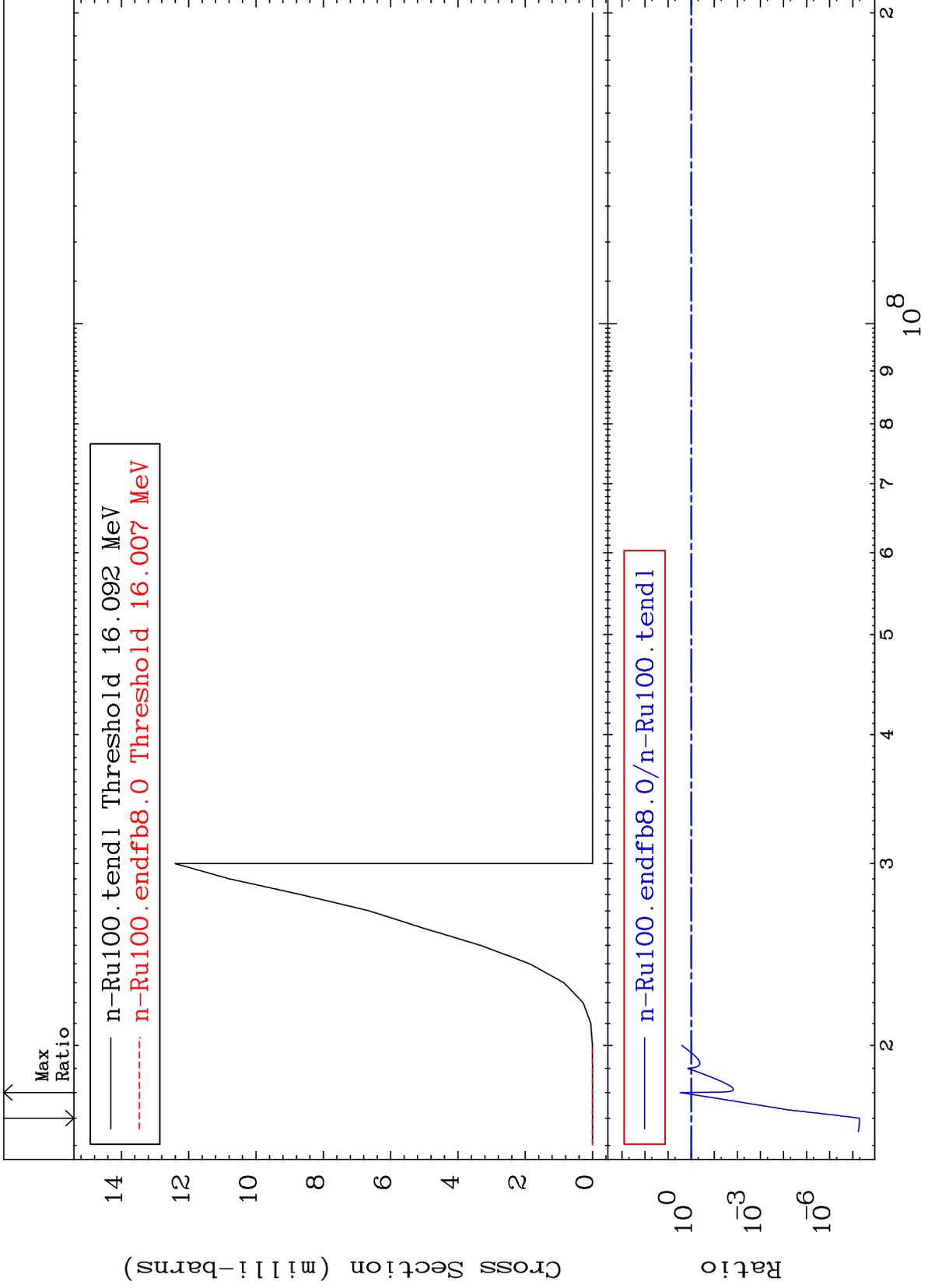
MAT 4437

(n,n') d

44-Ru-100

Cross Section

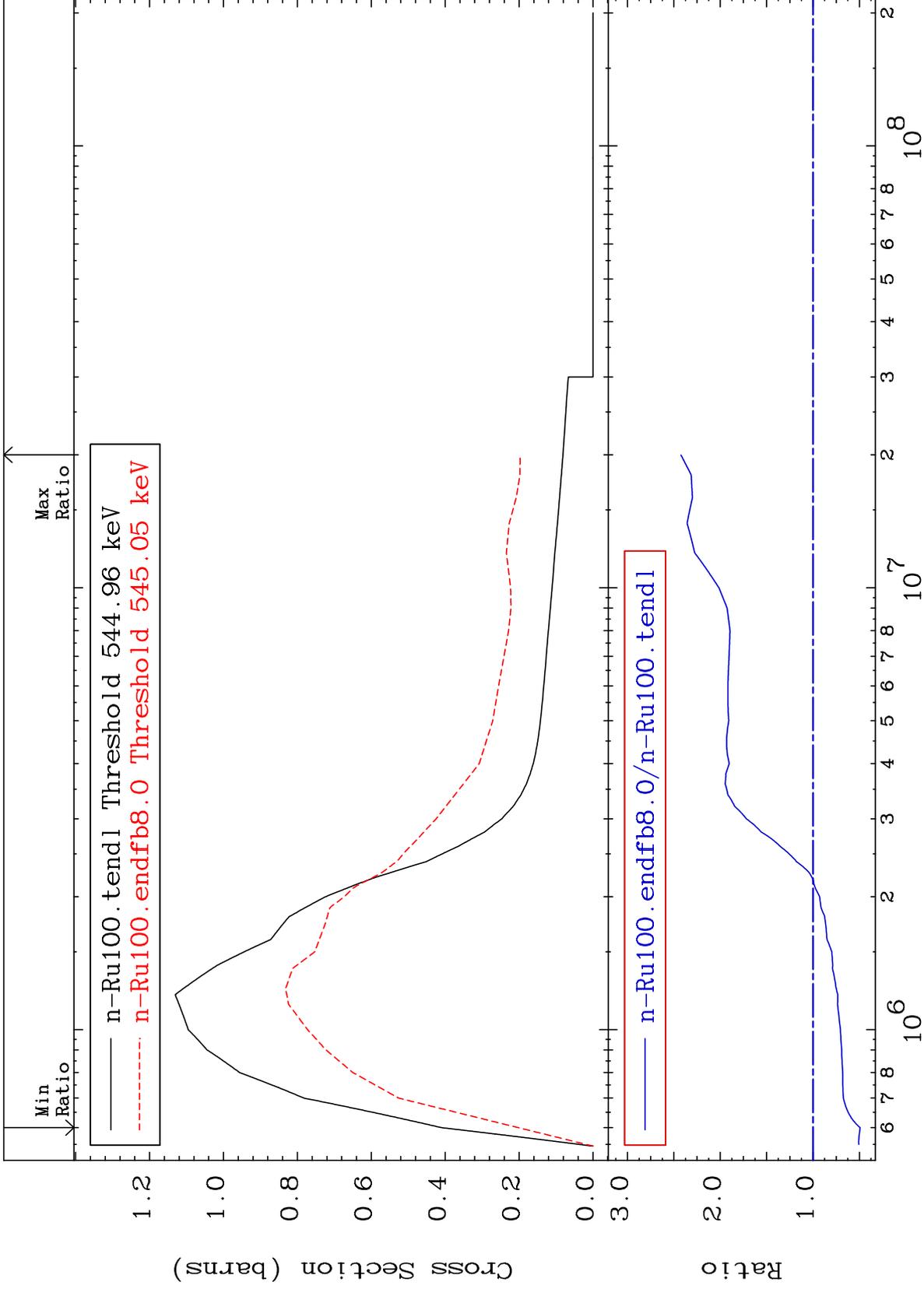
-100.0 To 196.8 %



MAT 4437

MT= 51 (n,n') Level
Cross Section

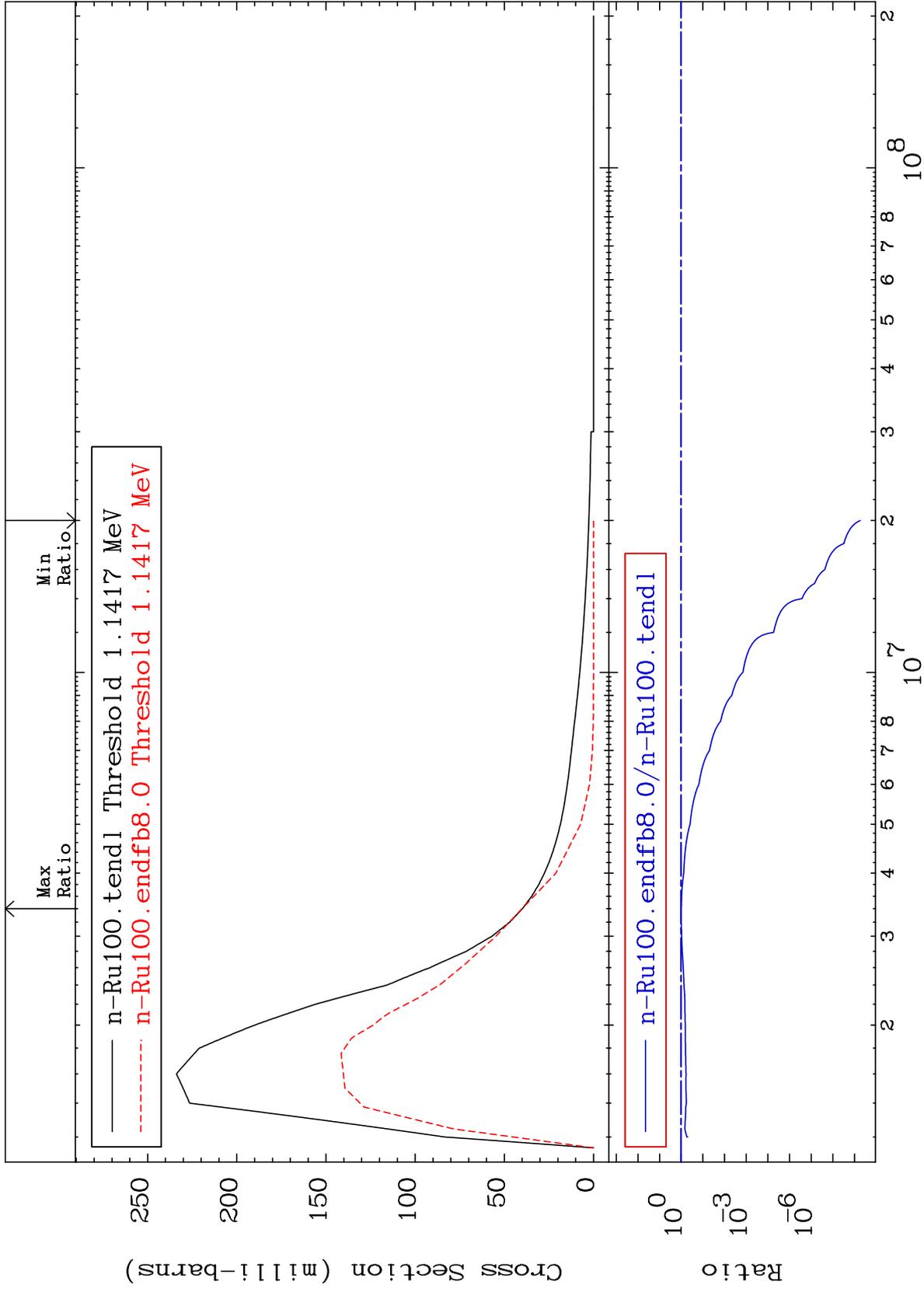
44-Ru-100
-50.72 To 142.6 %



MAT 4437

MT= 52 (n, n') Level
Cross Section

44-Ru-100
-100.0 To 0.588 %



10

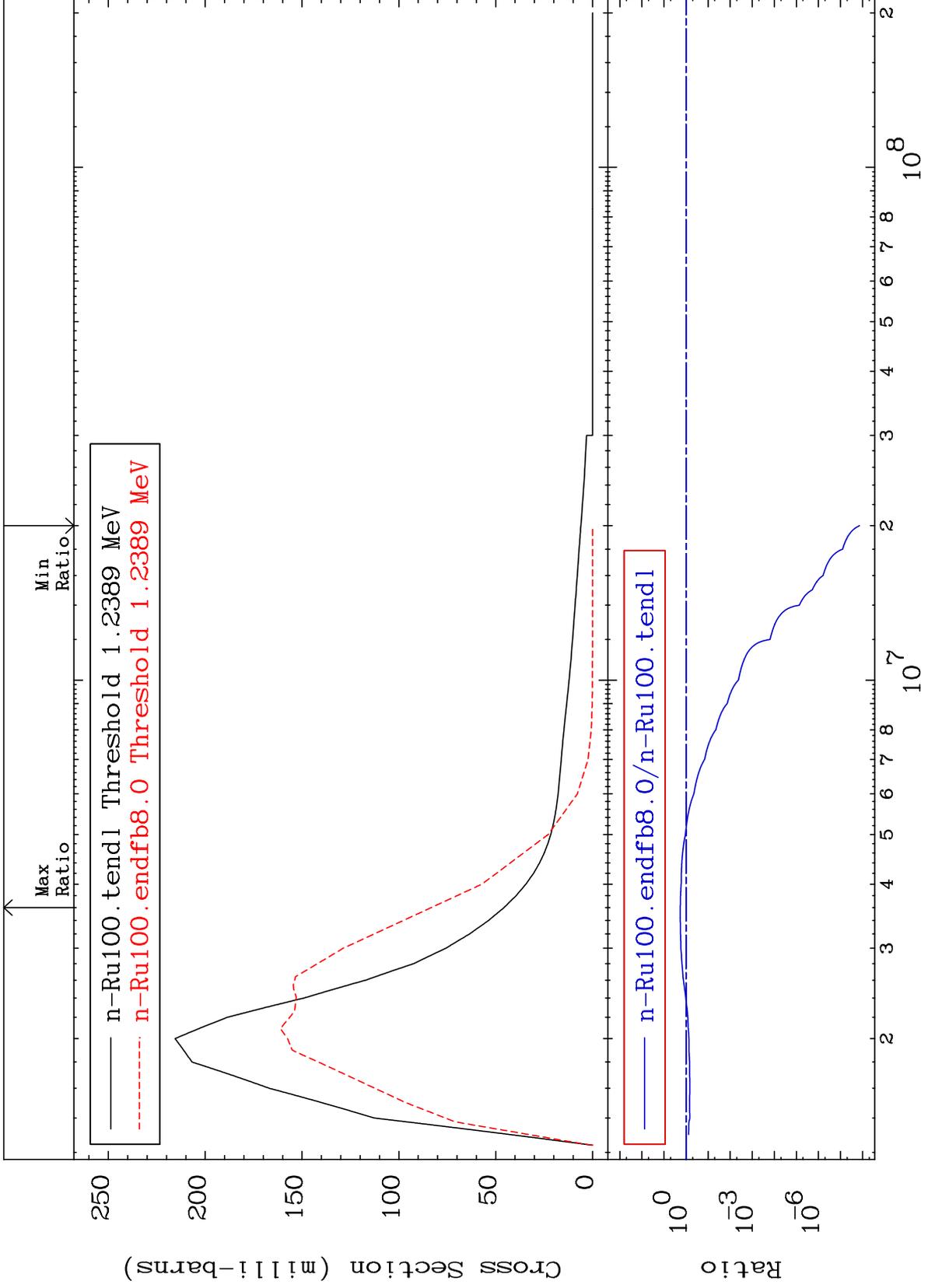
Incident Energy (eV)

44-Ru-100

MAT 4437

MT= 53 (n, n') Level
Cross Section

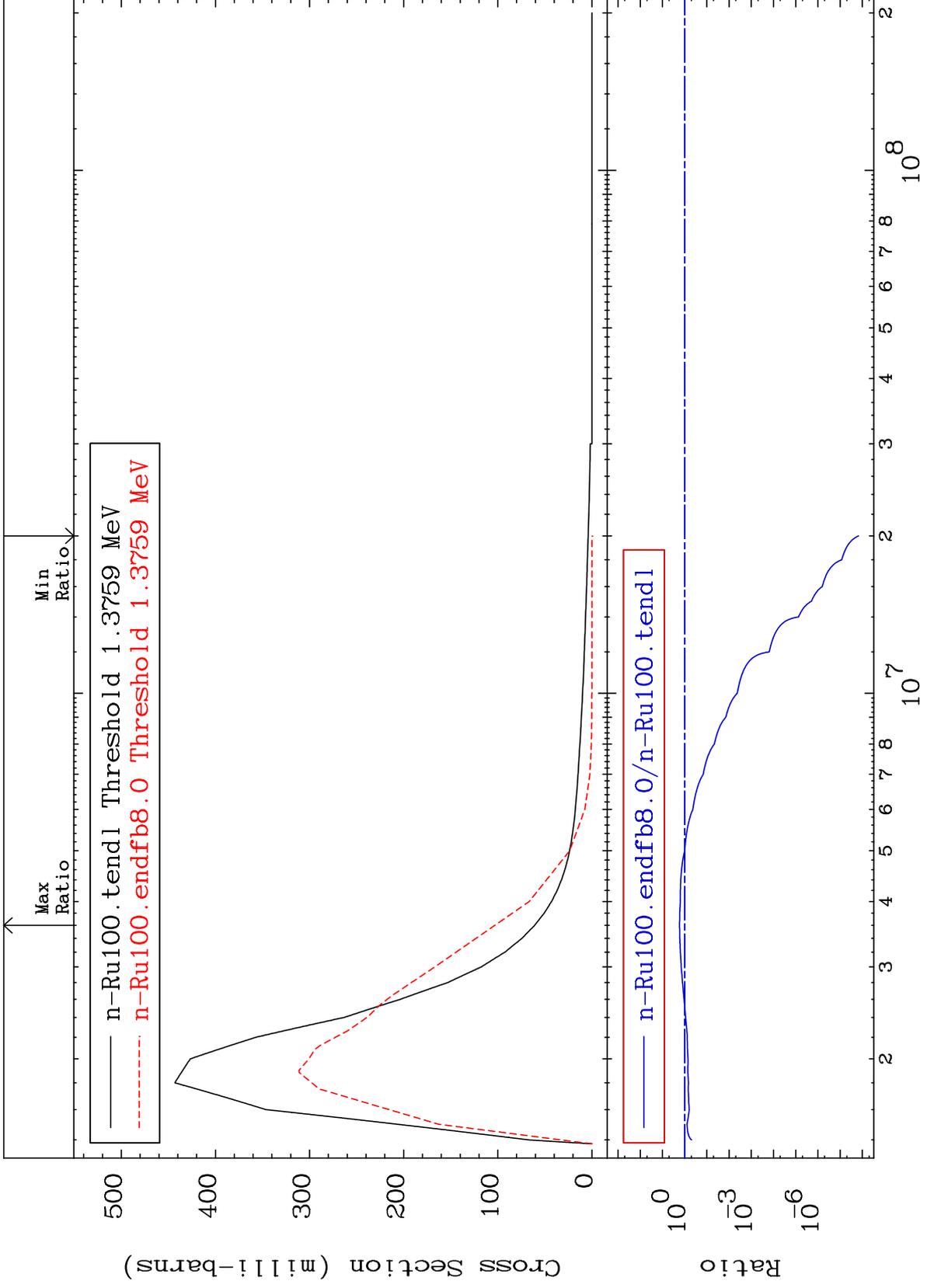
44-Ru-100
-100.0 To 82.30 %



MAT 4437

MT= 54 (n,n') Level
Cross Section

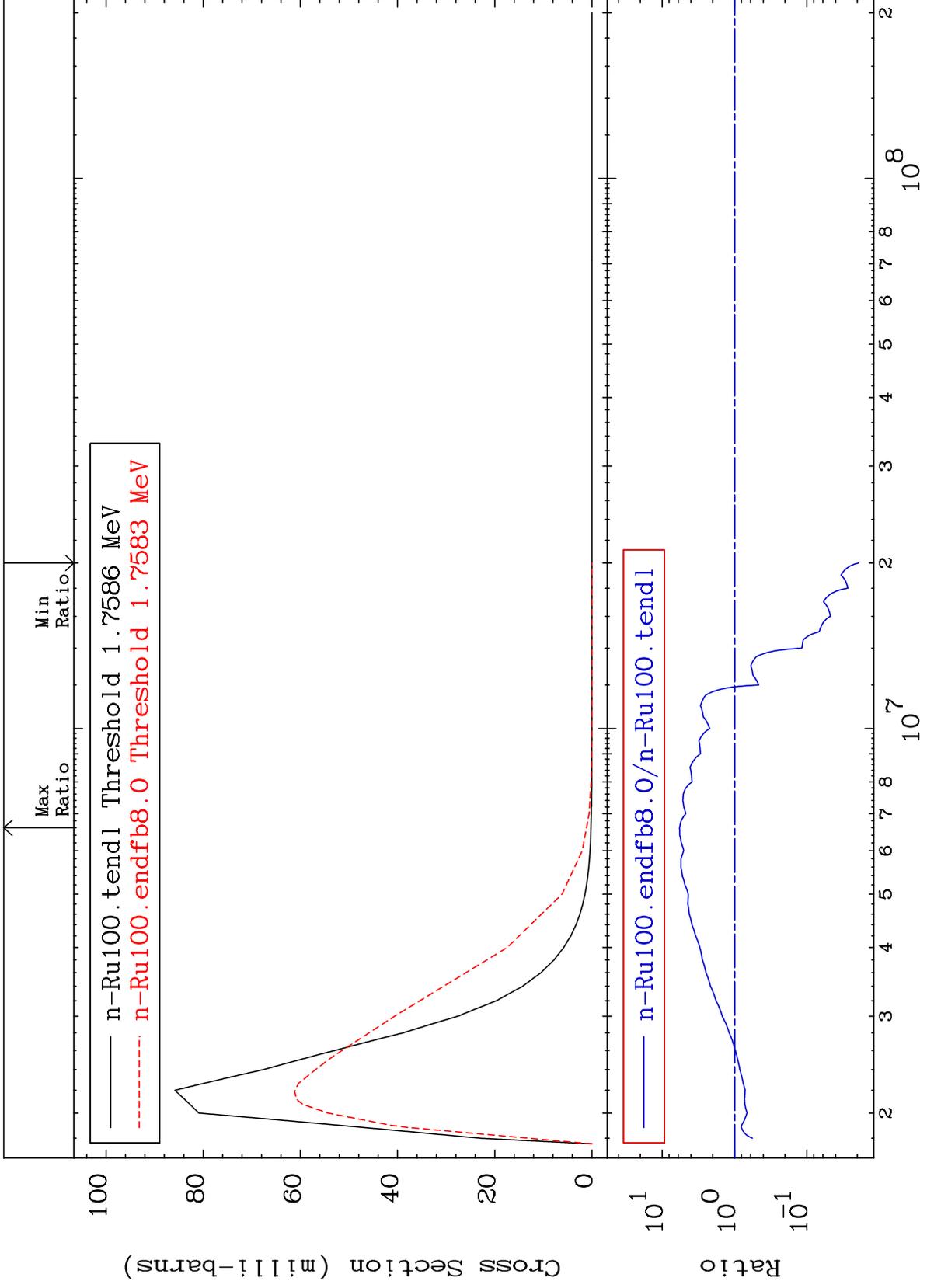
44-Ru-100
-100.0 To 69.70 %



MAT 4437

MT= 55 (n,n') Level
Cross Section

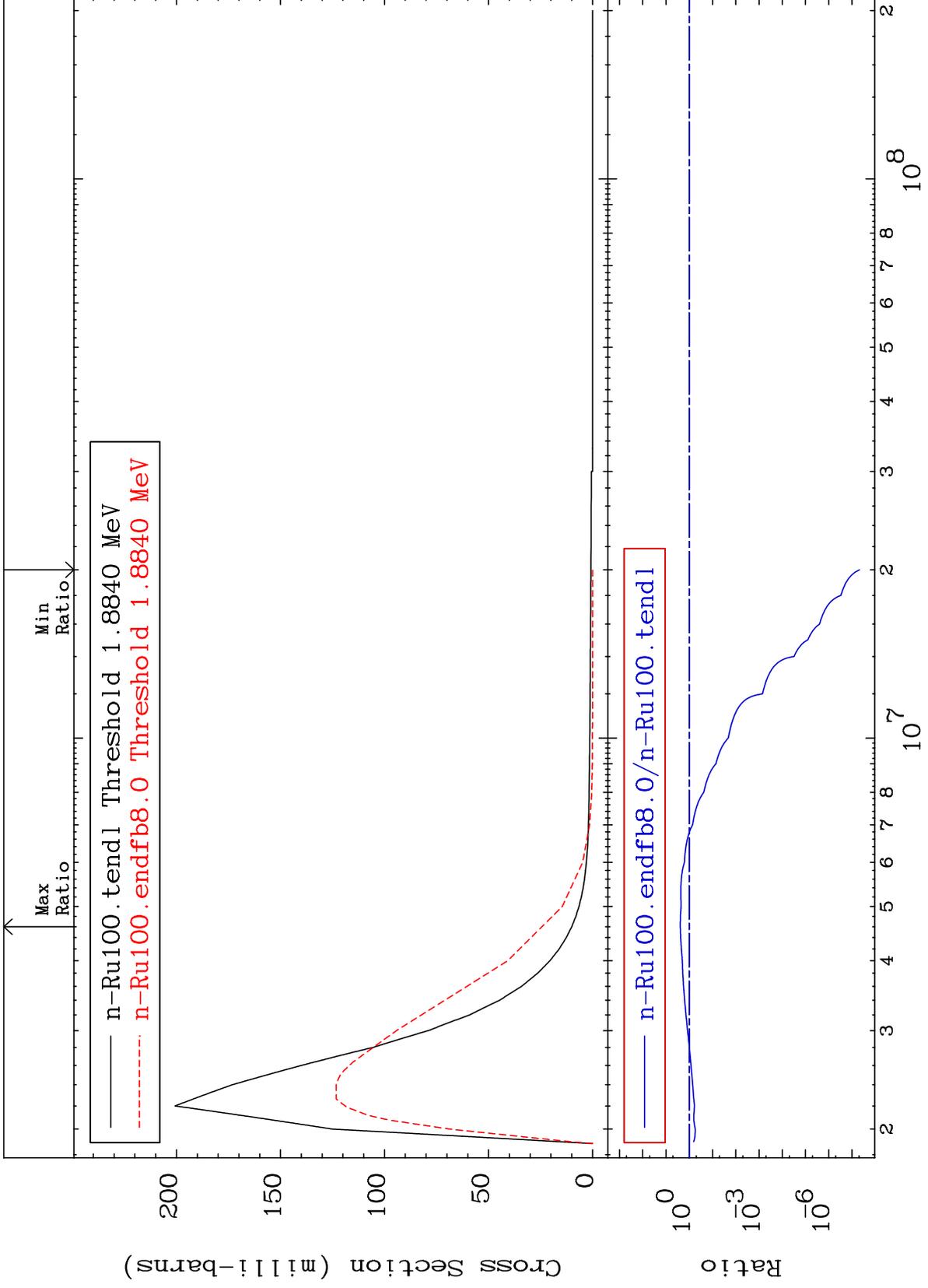
44-Ru-100
-98.08 To 474.0 %



MAT 4437

MT= 56 (n,n') Level
Cross Section

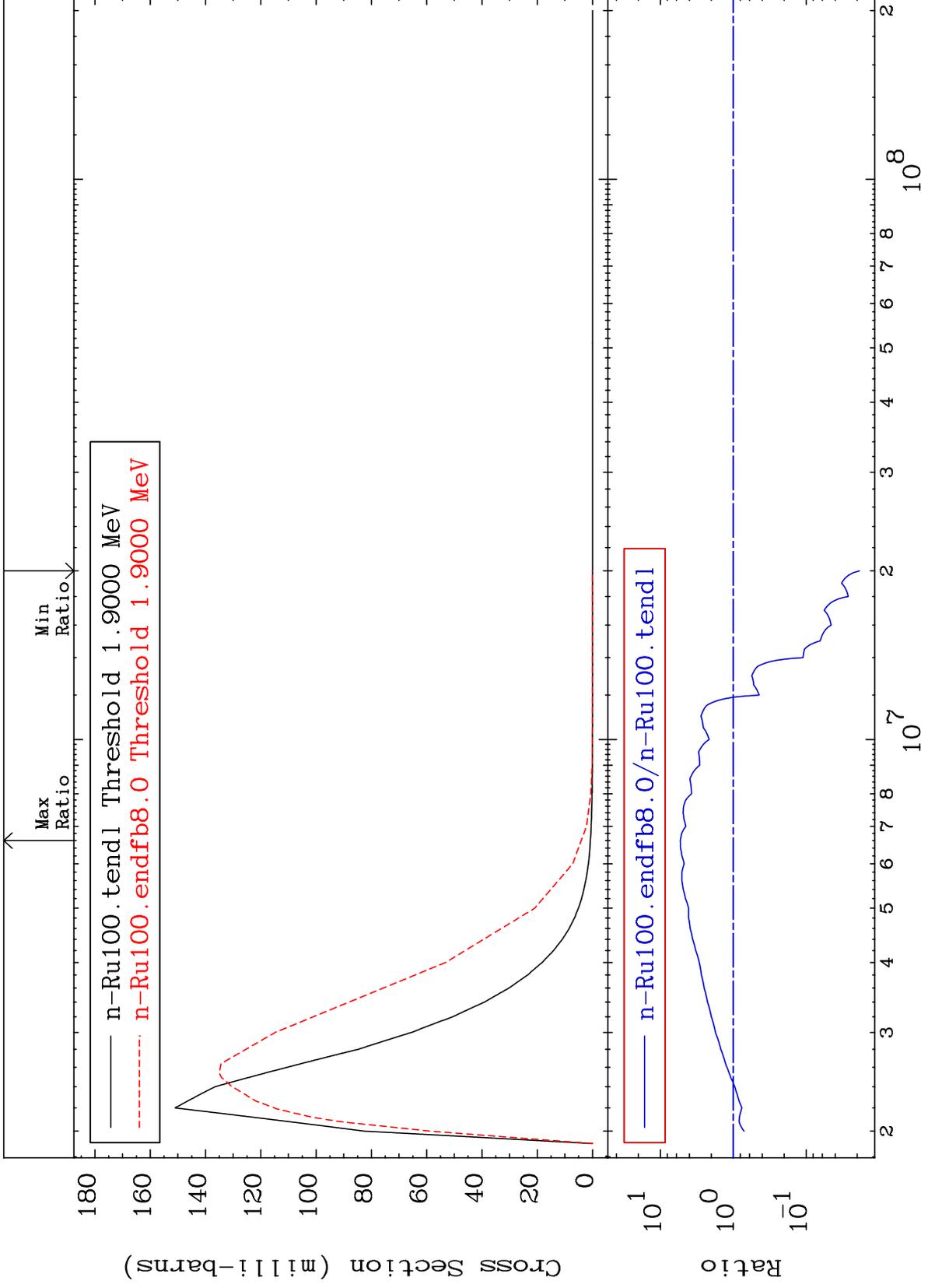
44-Ru-100
-100.0 To 143.4 %



MAT 4437

MT= 57 (n, n') Level
Cross Section

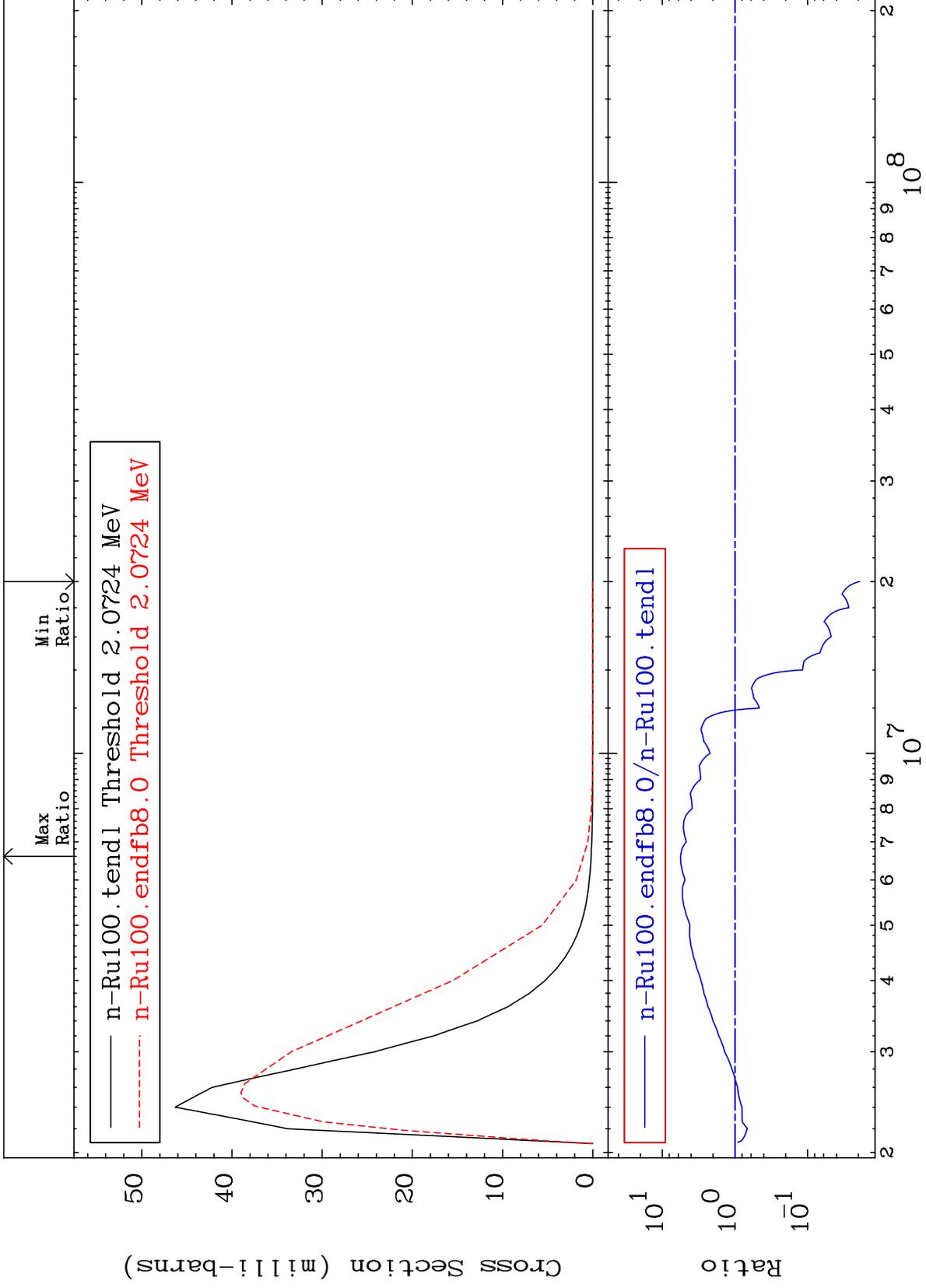
44-Ru-100
-98.14 To 432.3 %



MAT 4437

MT= 58 (n,n') Level
Cross Section

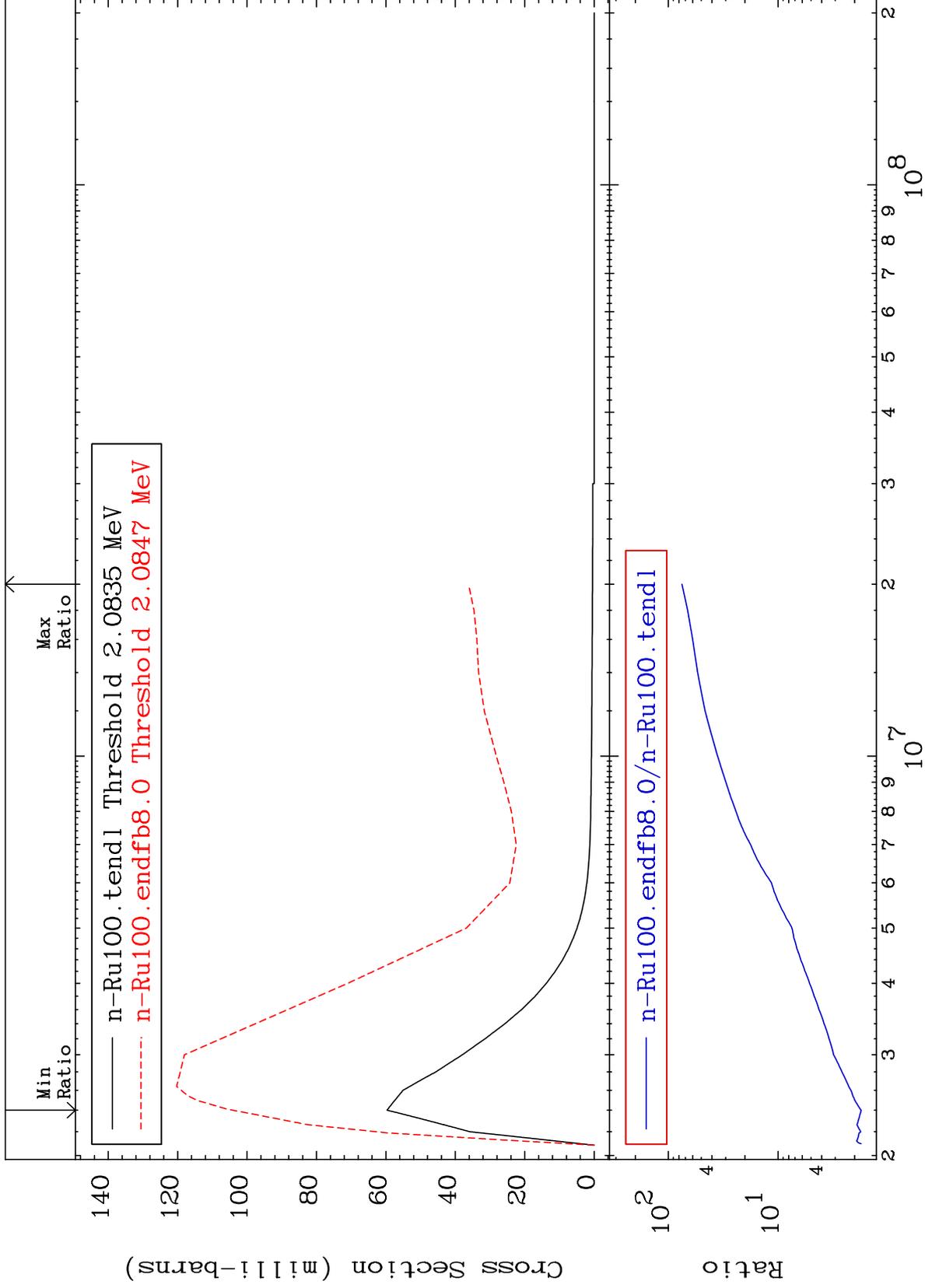
44-Ru-100
-98.09 To 460.2 %



MAT 4437

MT= 59 (n,n') Level
Cross Section

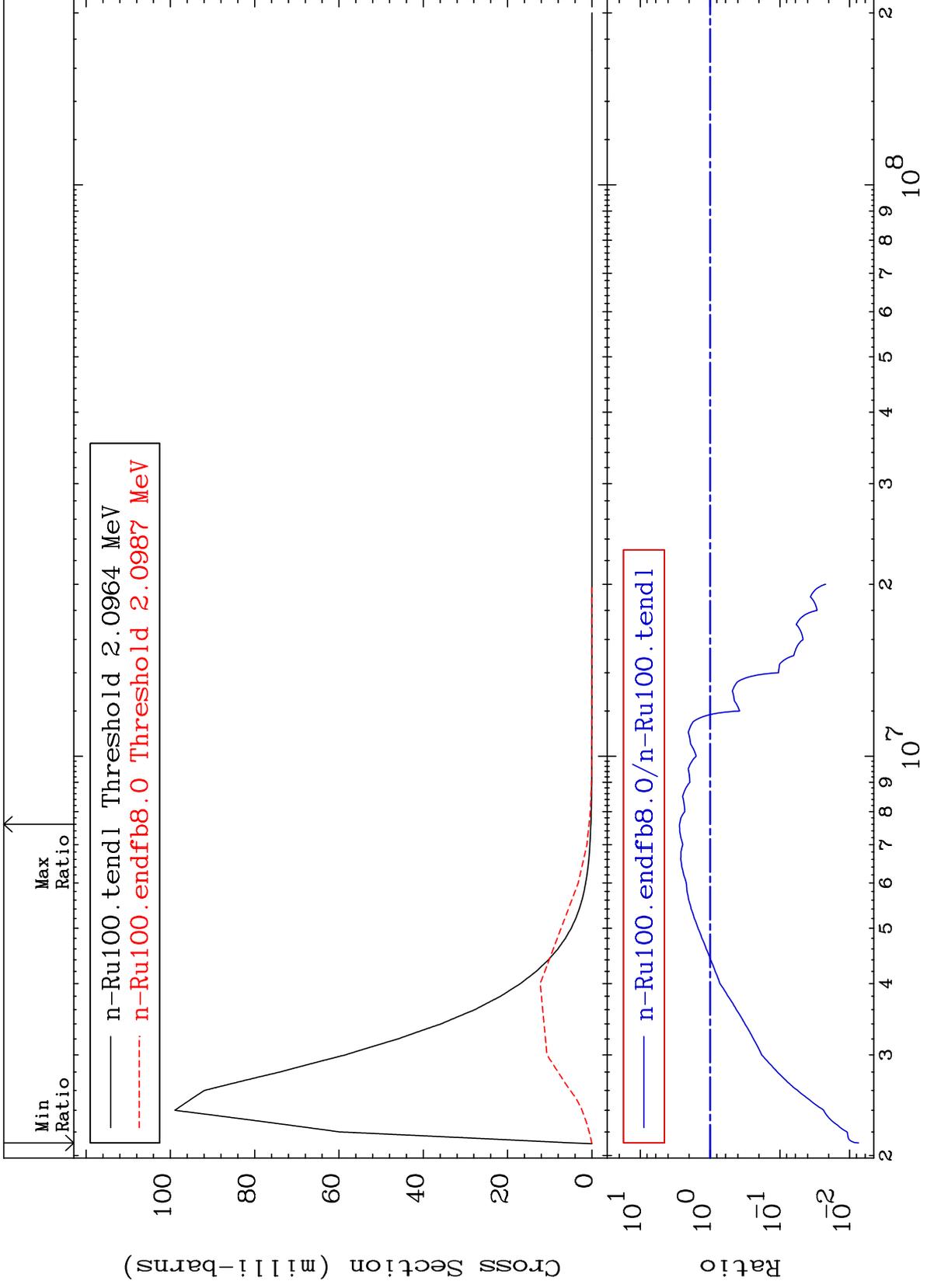
44-Ru-100
74.55 To 7419. %



MAT 4437

MT= 60 (n,n') Level
Cross Section

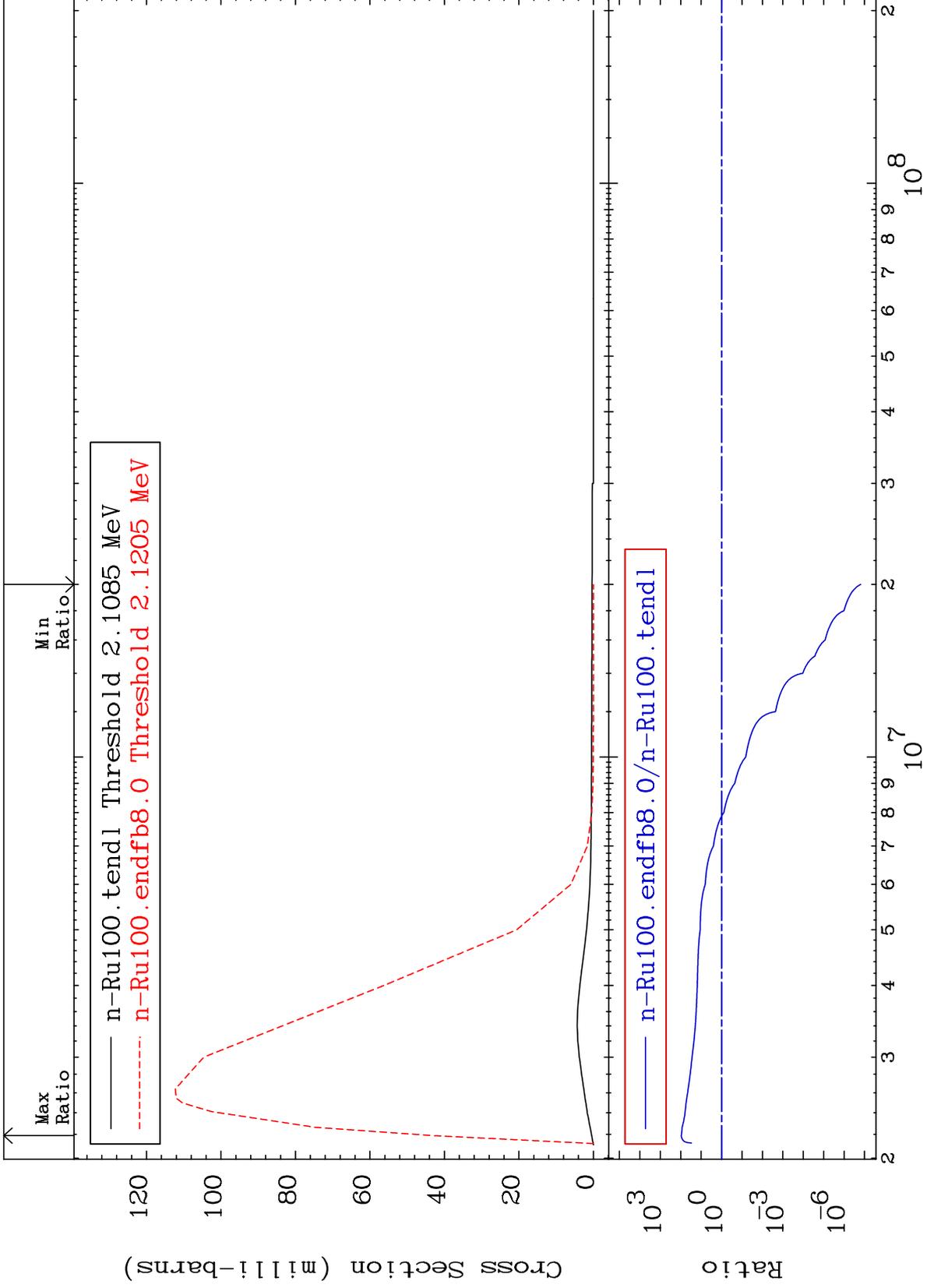
44-Ru-100
-99.25 To 173.8 %



MAT 4437

MT= 61 (n,n') Level
Cross Section

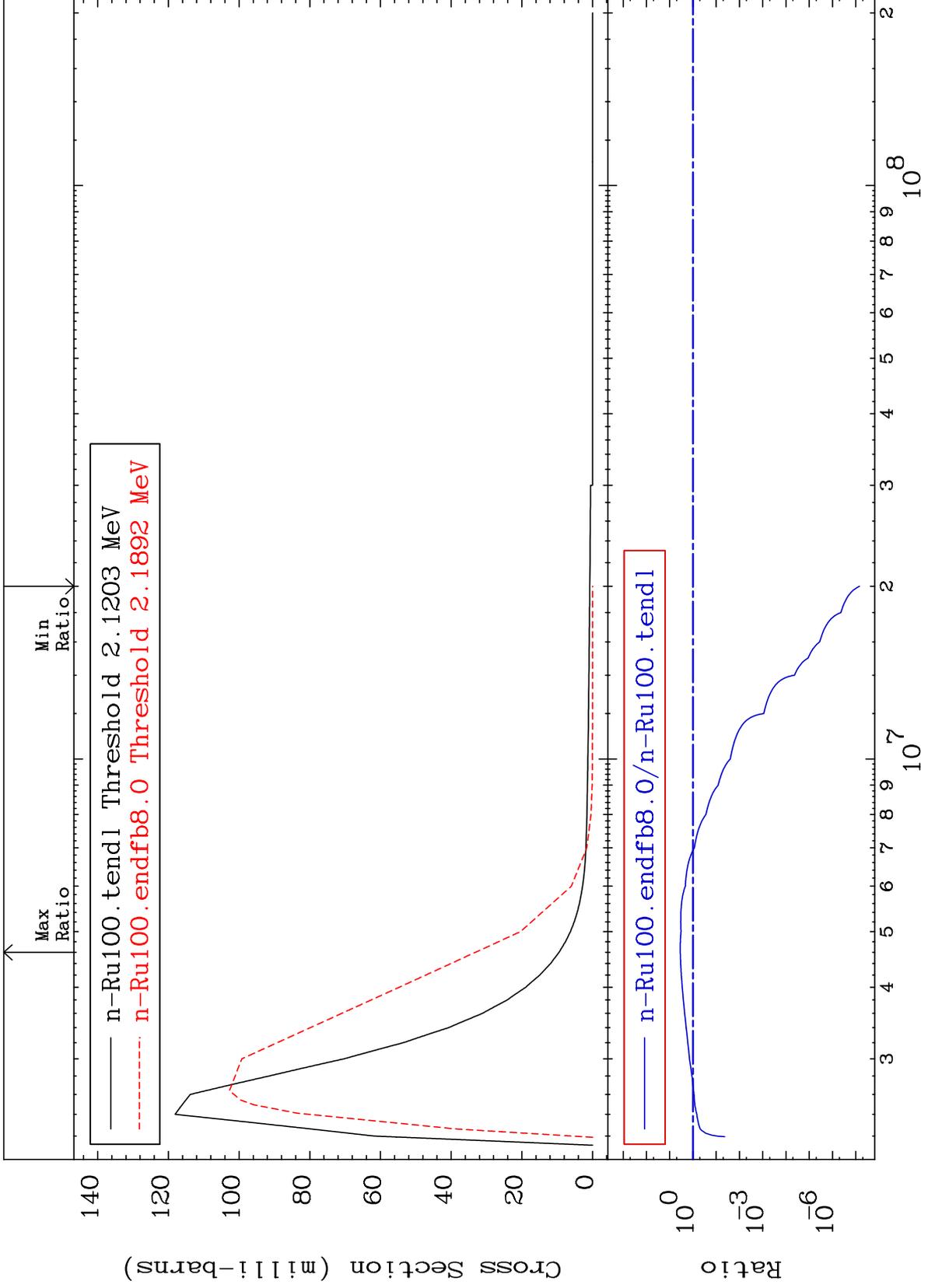
44-Ru-100
-100.0 To 9305. %



MAT 4437

MT= 62 (n, n') Level
Cross Section

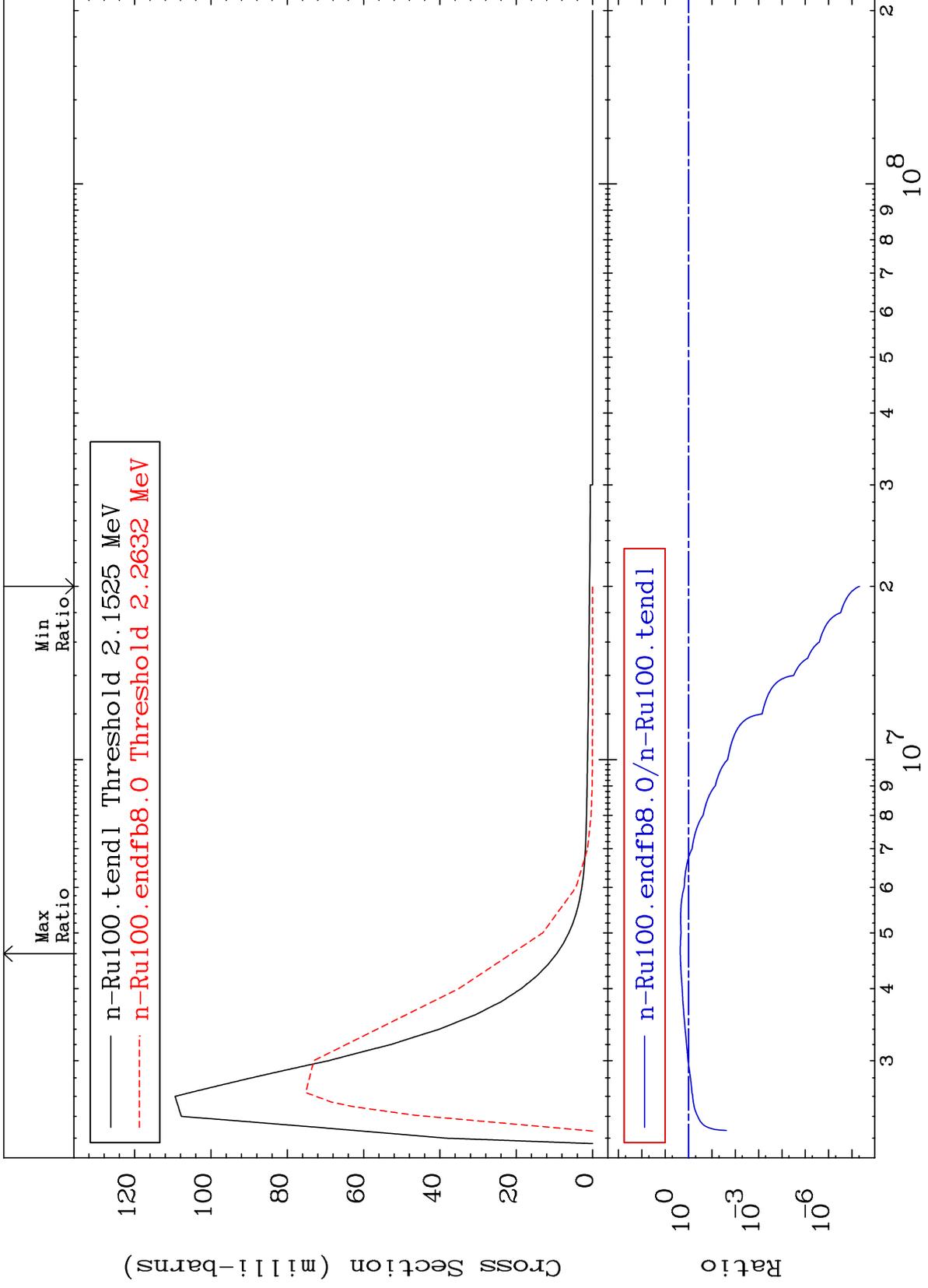
44-Ru-100
-100.0 To 250.1 %



MAT 4437

MT= 63 (n,n') Level
Cross Section

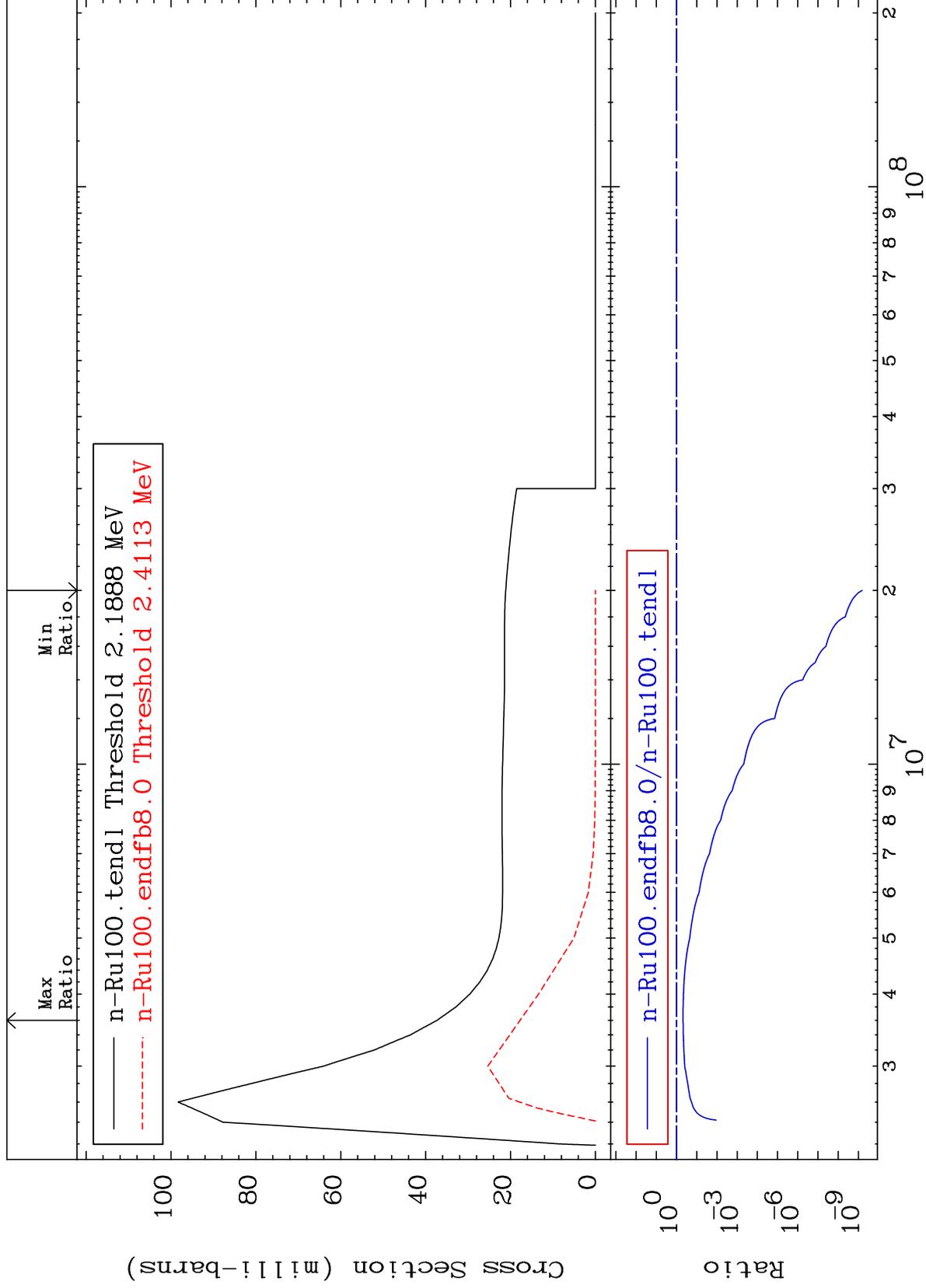
44-Ru-100
-100.0 To 126.4 %



MAT 4437

MT= 64 (n, n') Level
Cross Section

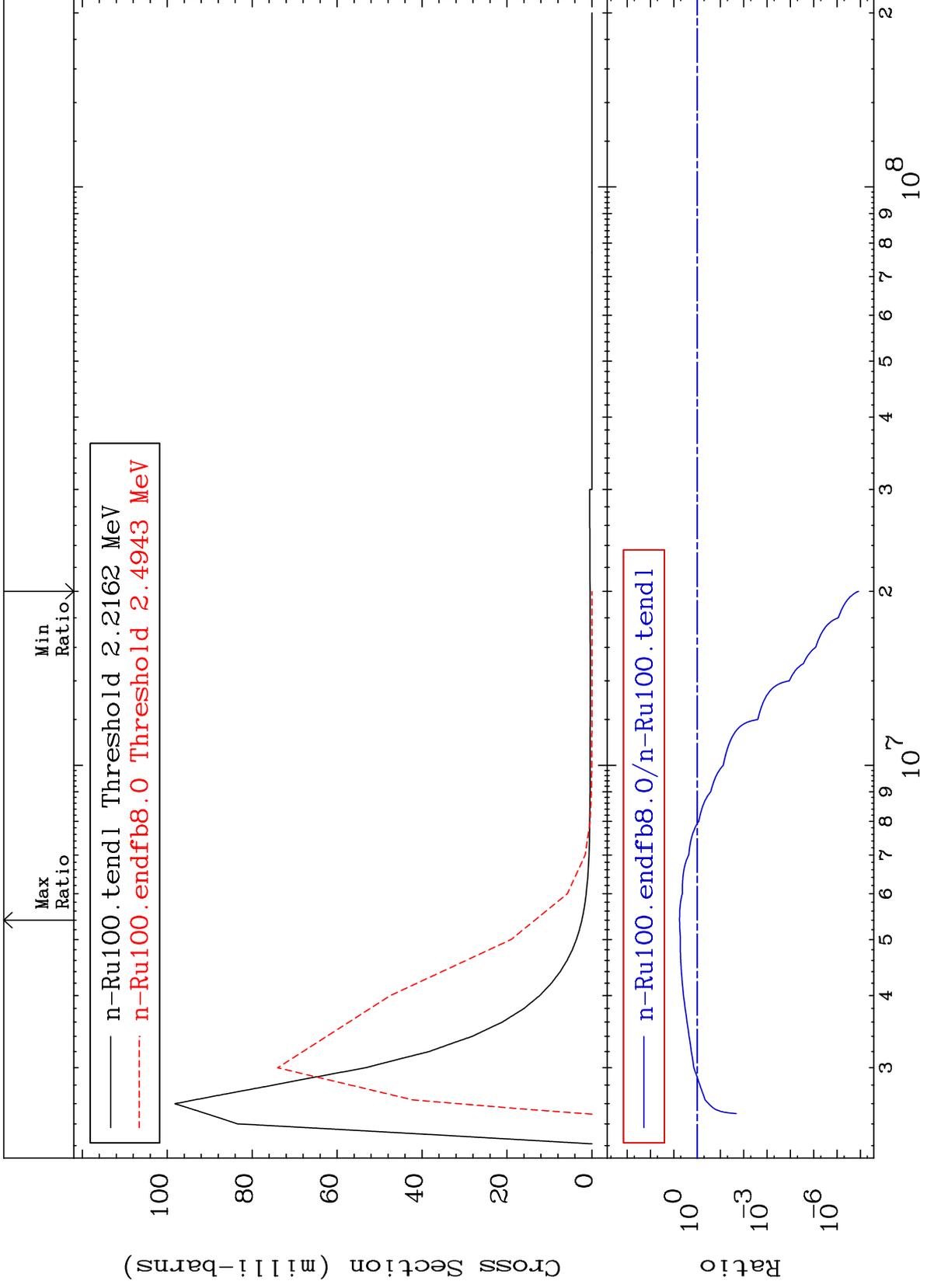
44-Ru-100
-100.0 To -52.42%



MAT 4437

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

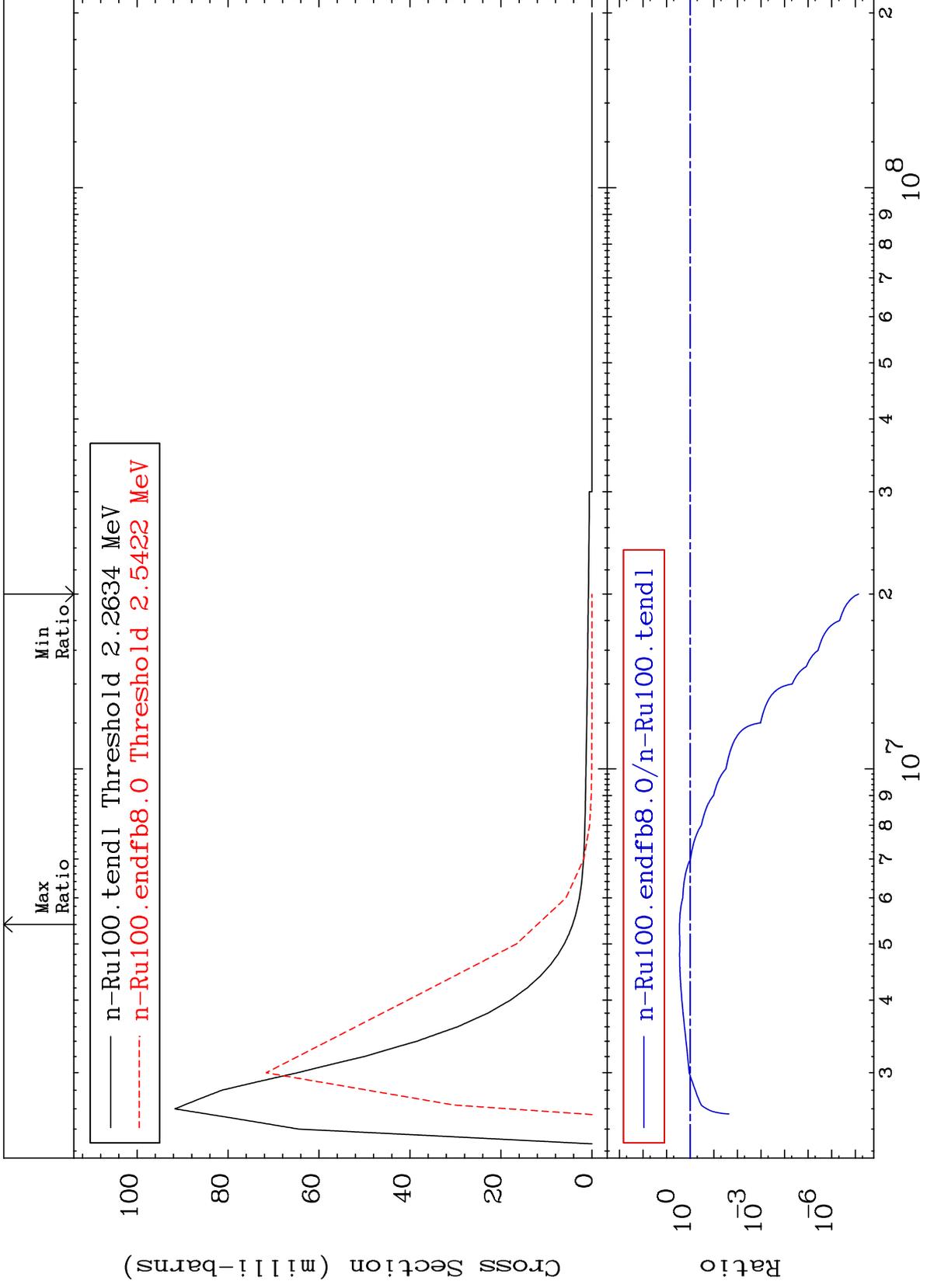
44-Ru-100
-100.0 To 467.6 %



MAT 4437

MT= 66 (n,n') Level
Cross Section

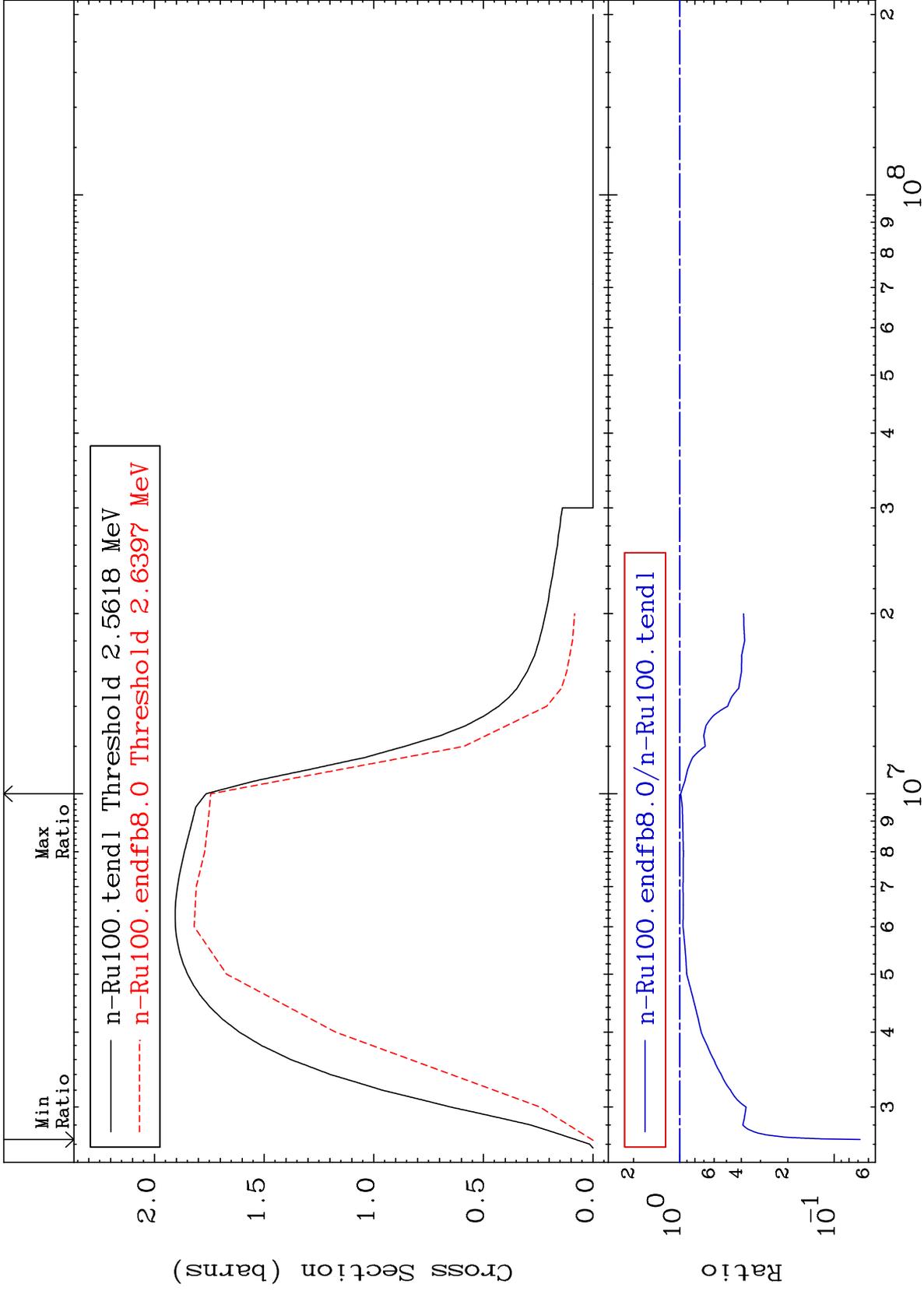
44-Ru-100
-100.0 To 183.3 %

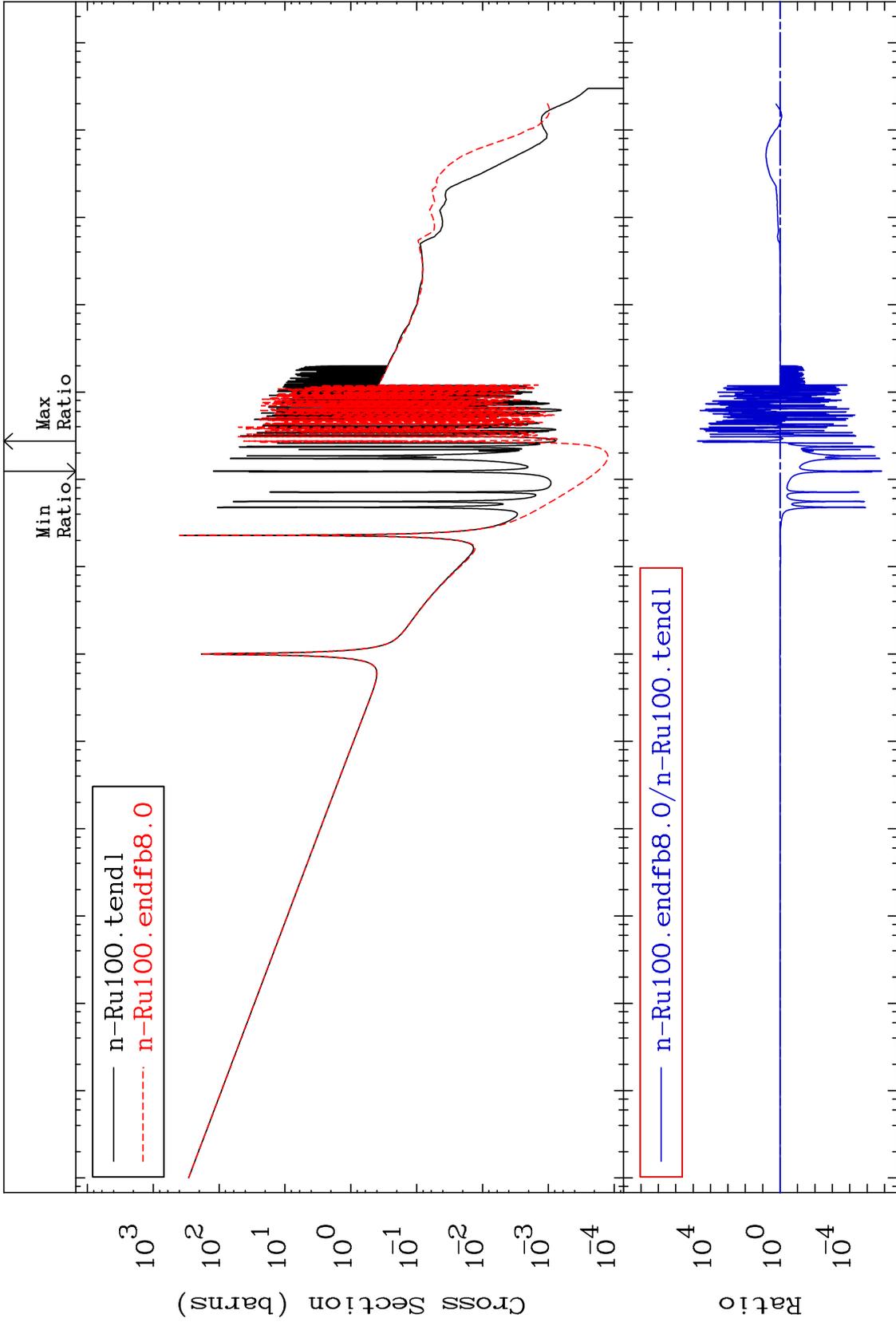


MAT 4437

(n, n') Continuum
Cross Section

44-Ru-100
-93.21 To -1.208%





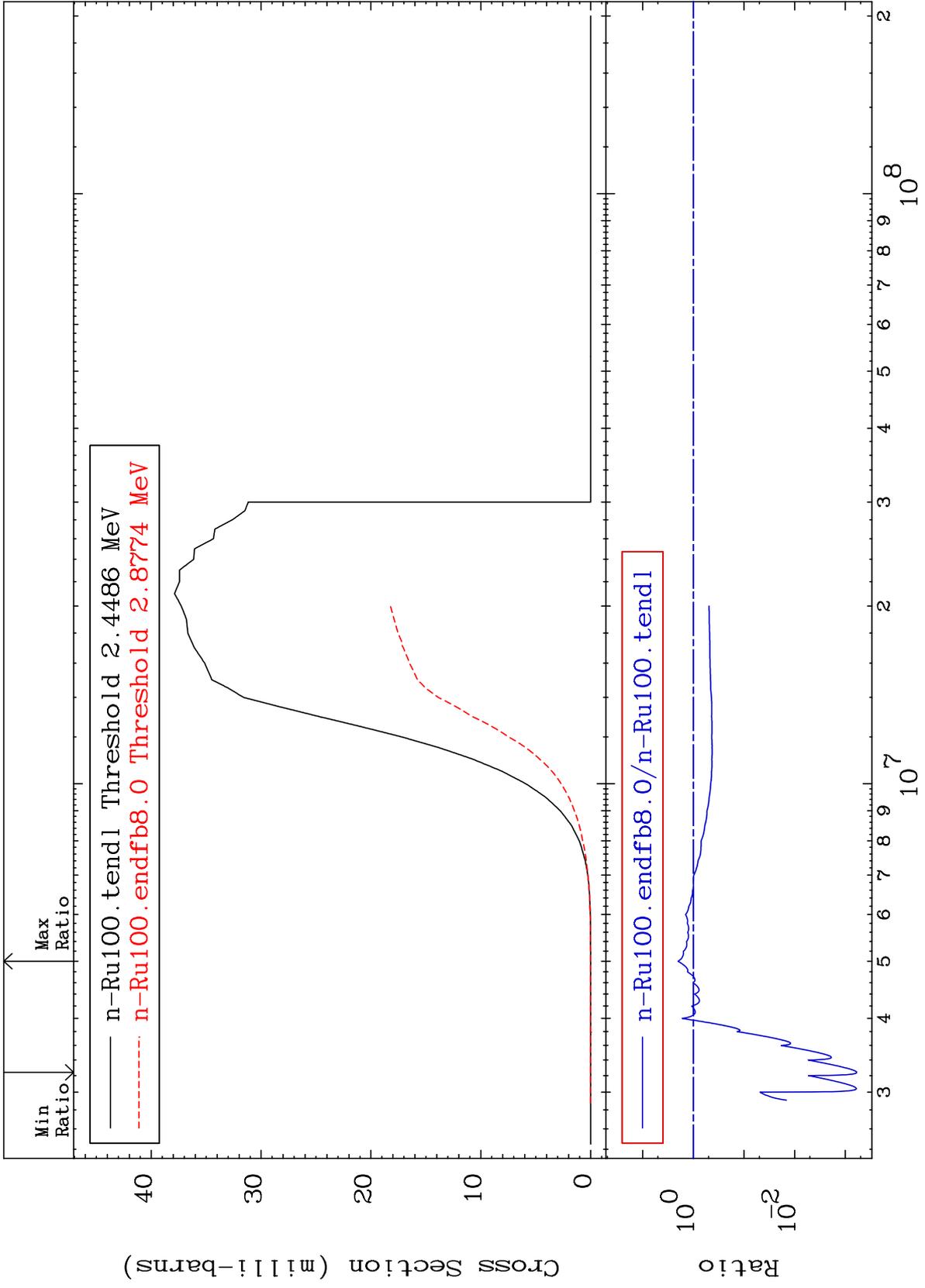
MAT 4437

(n, p)

44-Ru-100

Cross Section

-99.94 To 100.1 %



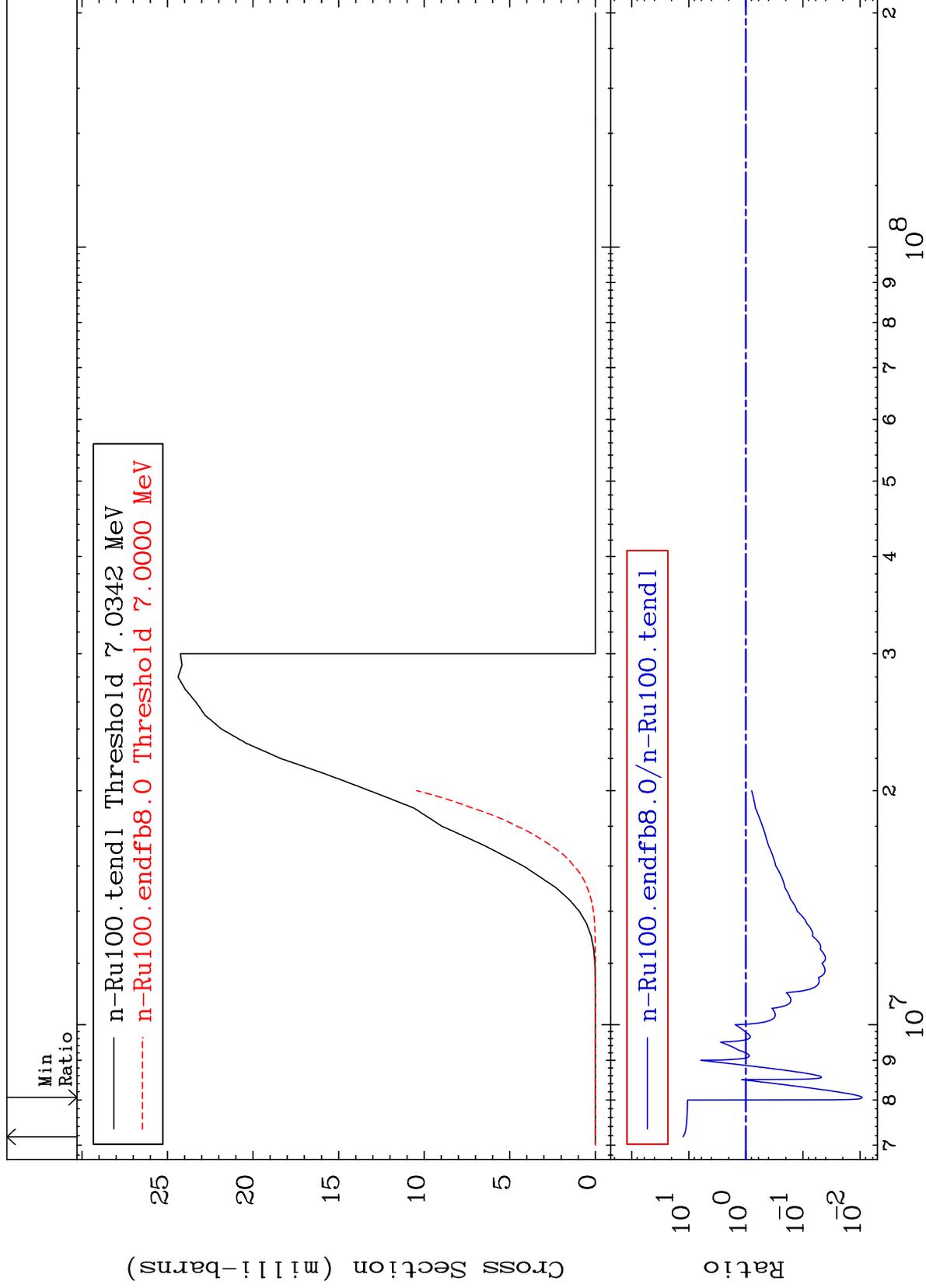
MAT 4437

(n, d)

44-Ru-100

Cross Section

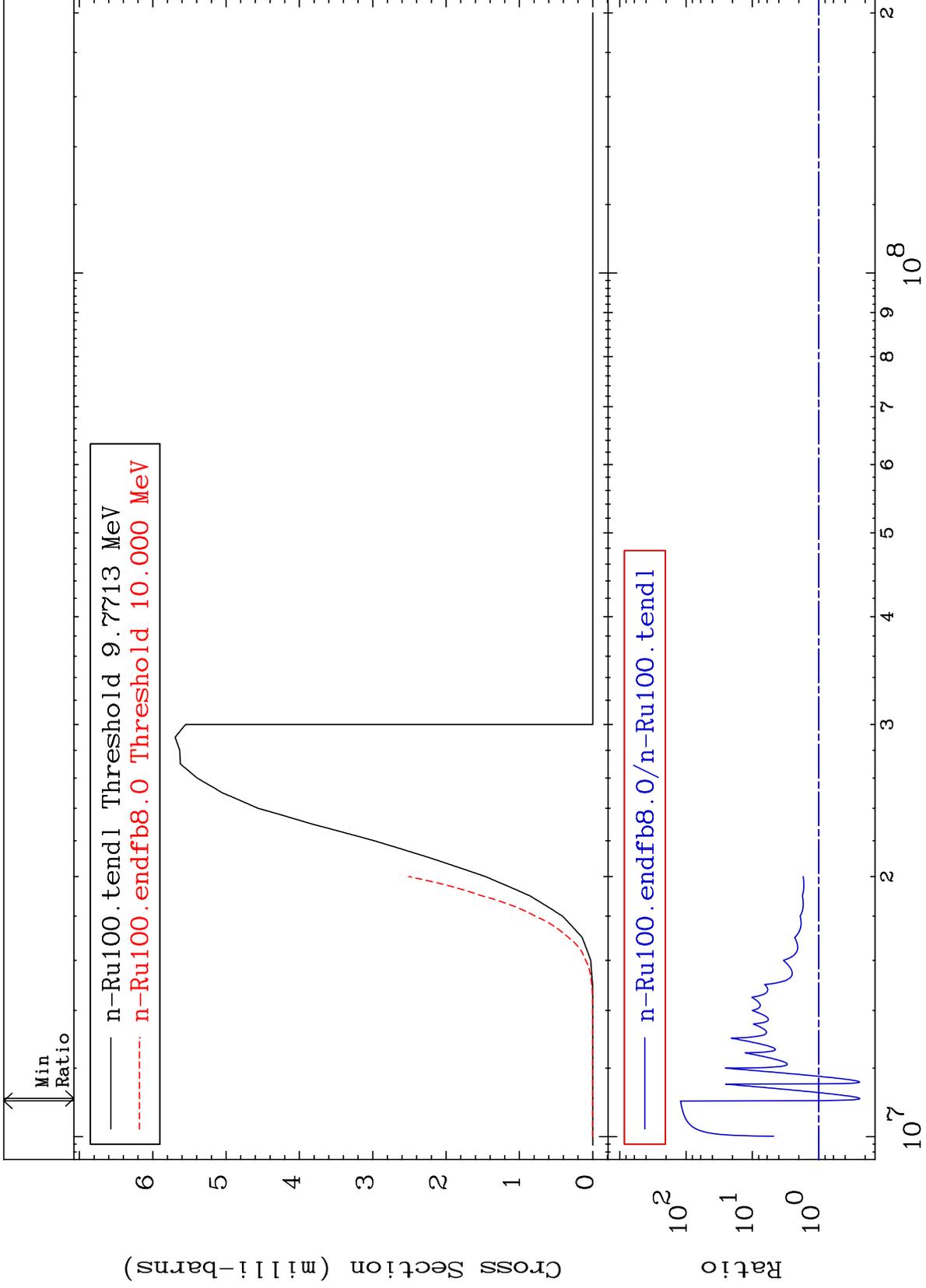
-99.08 To 1158. %



MAT 4437

(n, t)
Cross Section

44-Ru-100
-75.94 To 9999. %



29

44-Ru-100

44-Ru-100

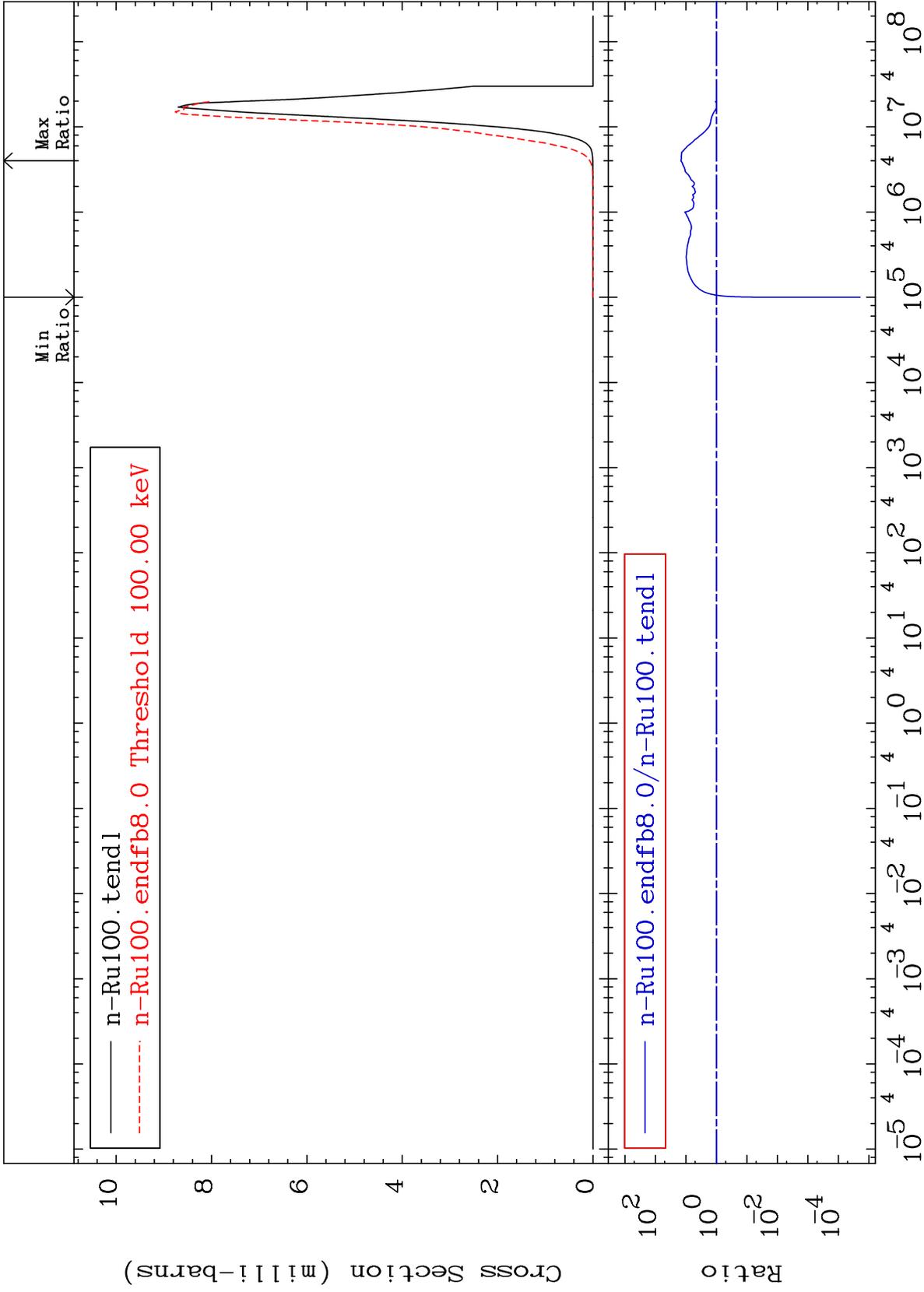
MAT 4437

(n, α)

44-Ru-100

Cross Section

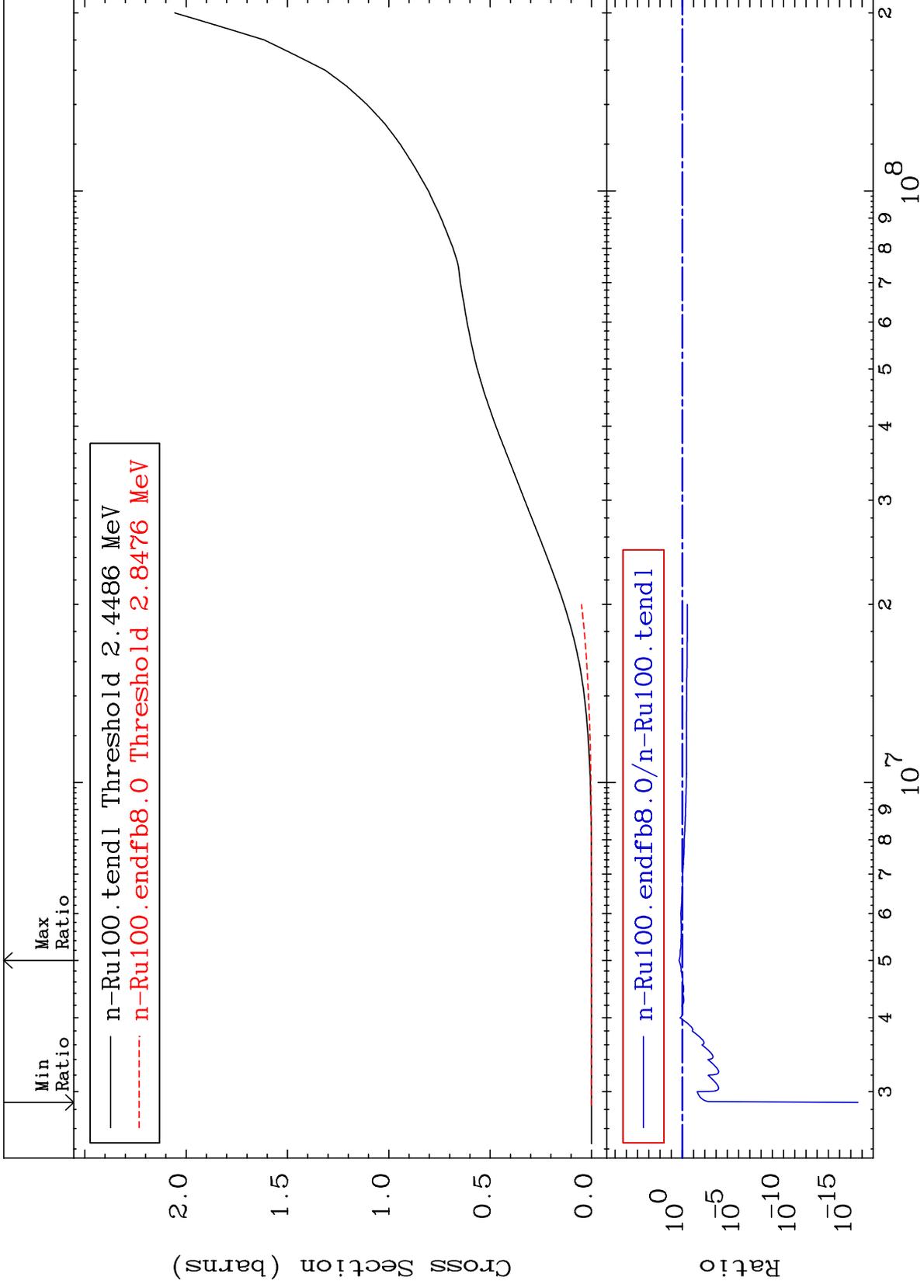
-100.0 To 1370. %



30

Incident Energy (eV)

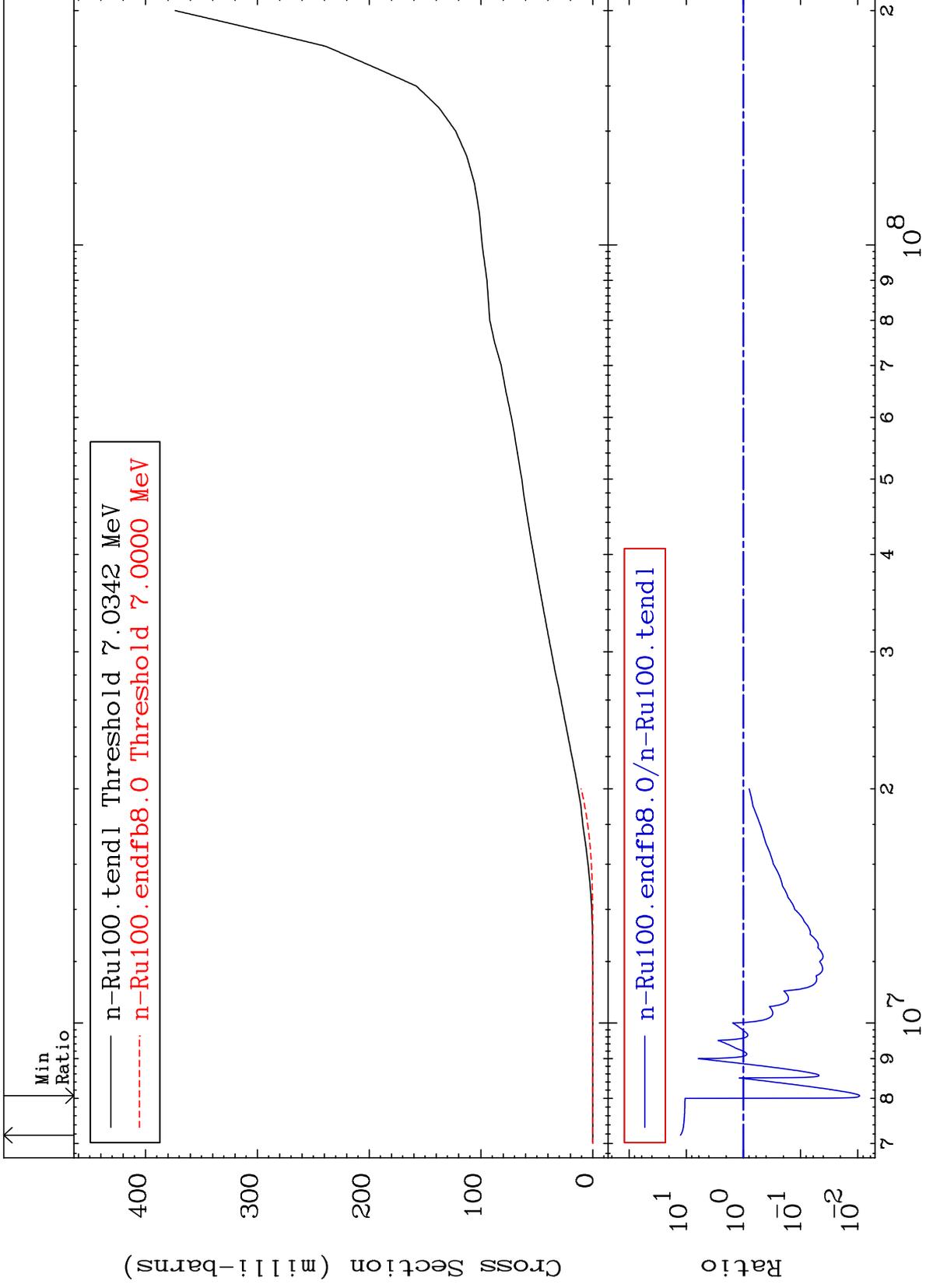
44-Ru-100



MAT 4437

Deuterium Production
Cross Section

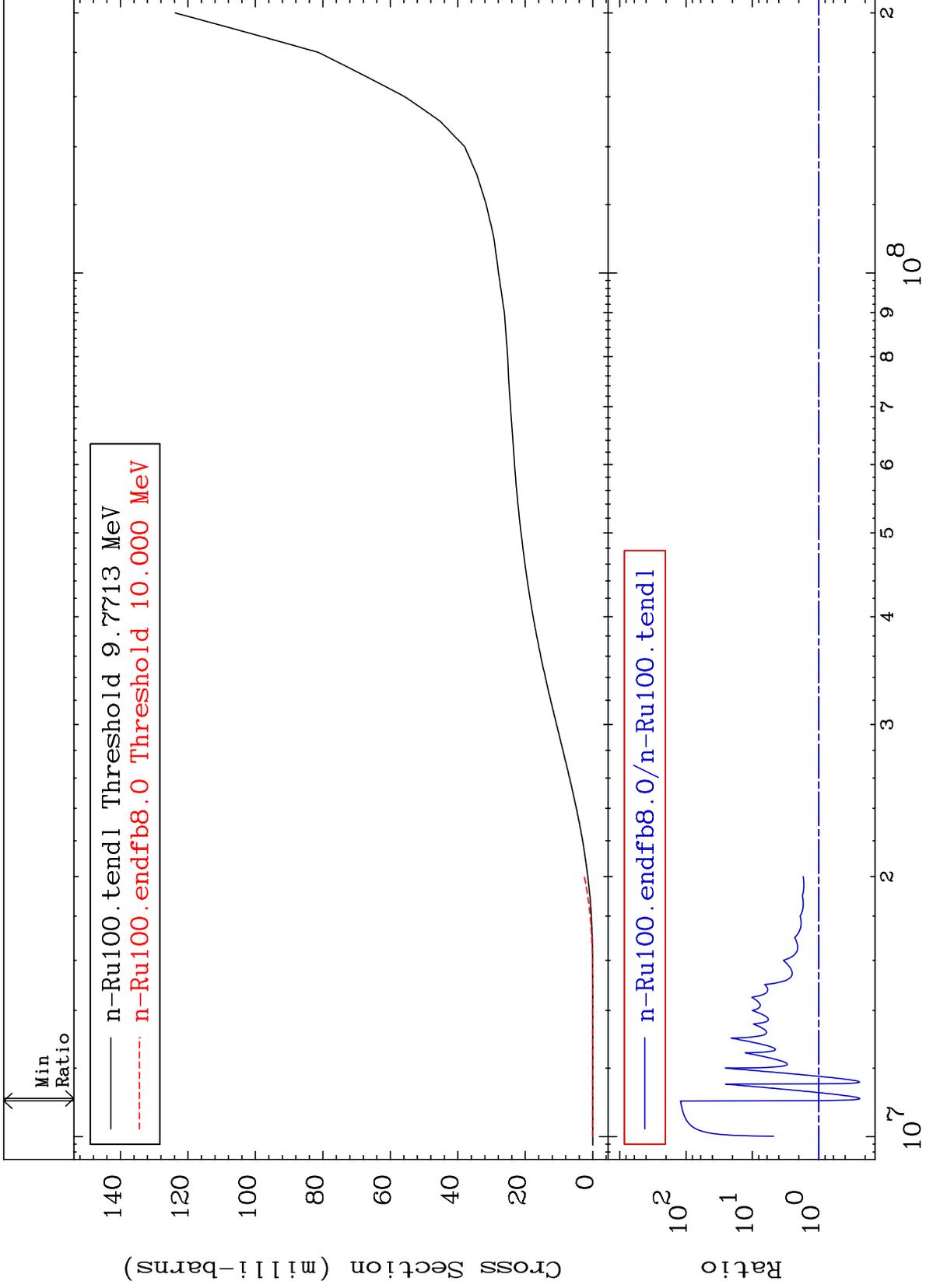
44-Ru-100
-99.08 To 1158. %



MAT 4437

Tritium Production
Cross Section

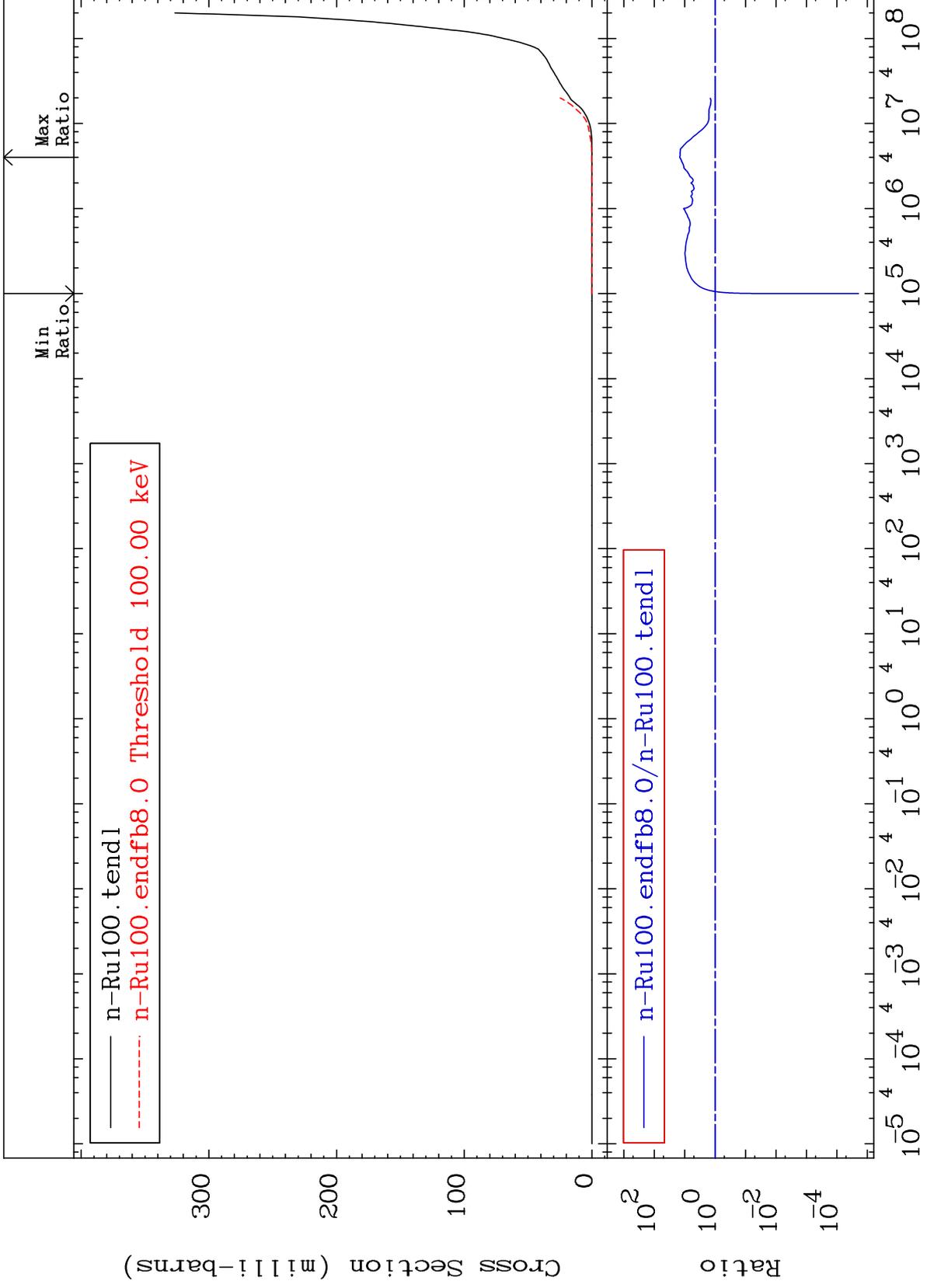
44-Ru-100
-75.94 To 9999. %



33

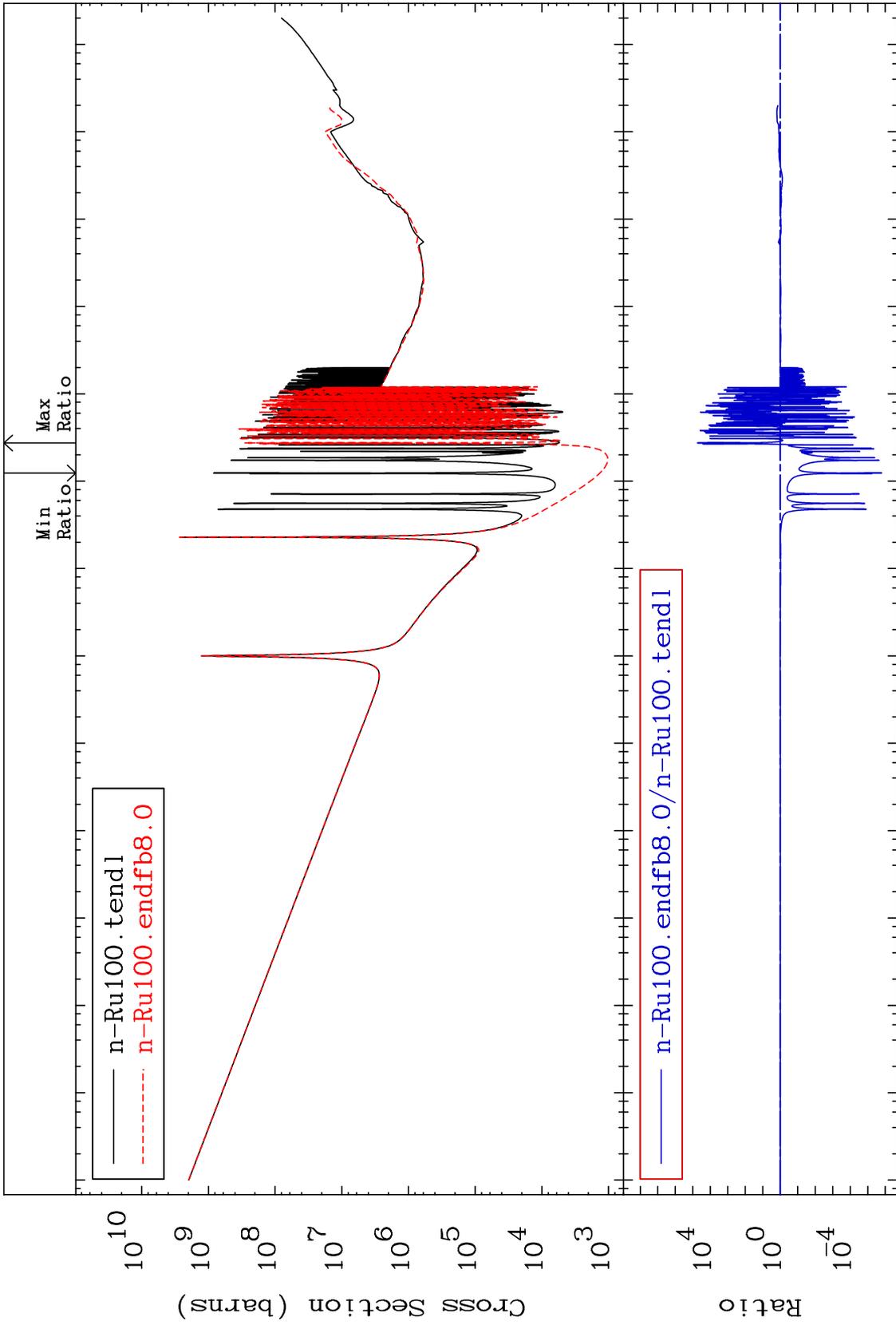
Incident Energy (eV)

44-Ru-100



-100.0 To 9999. %

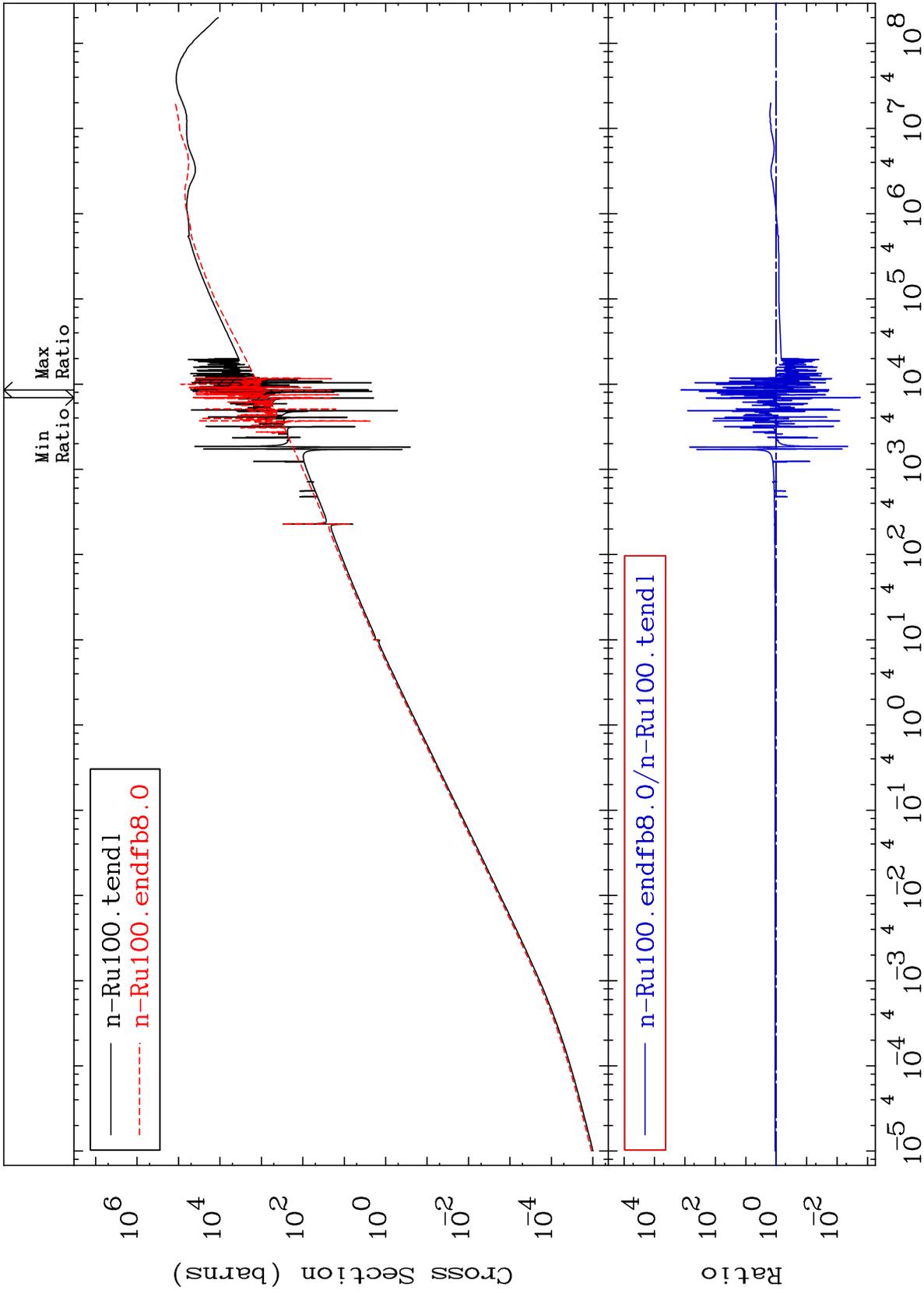
Cross Section

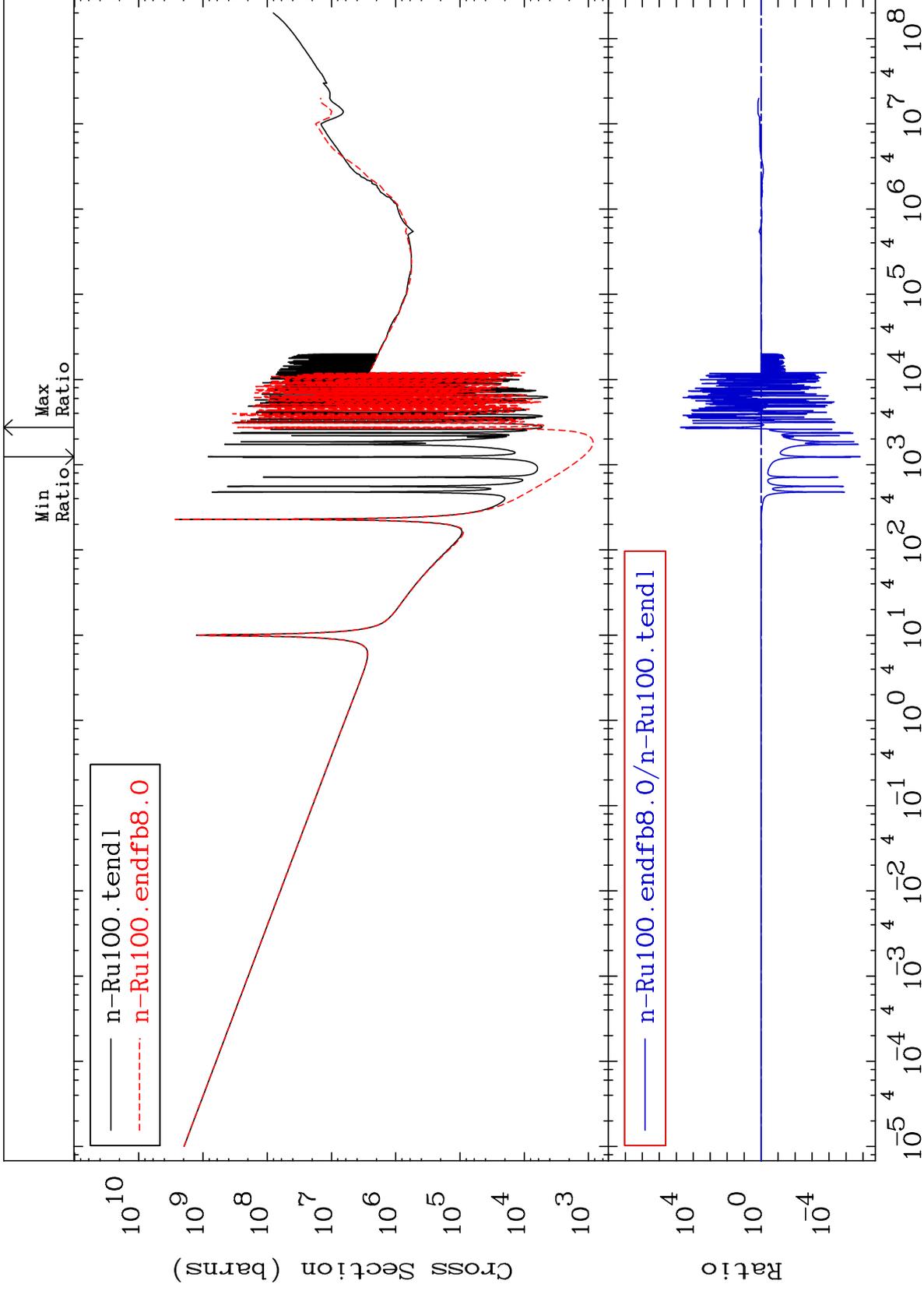


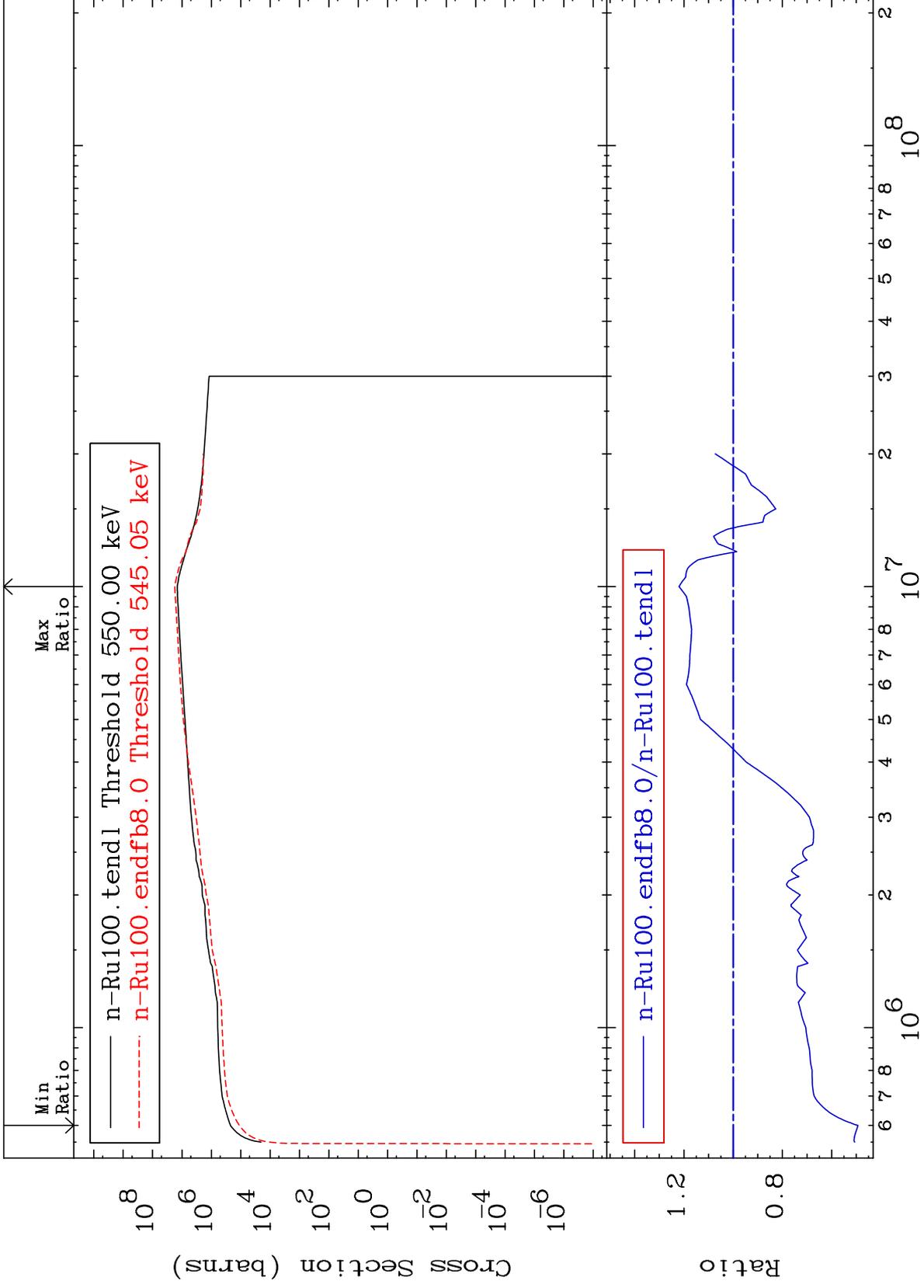
MAT 4437

Kerma elastic
Cross Section

44-Ru-100
-99.82 To 9999. %



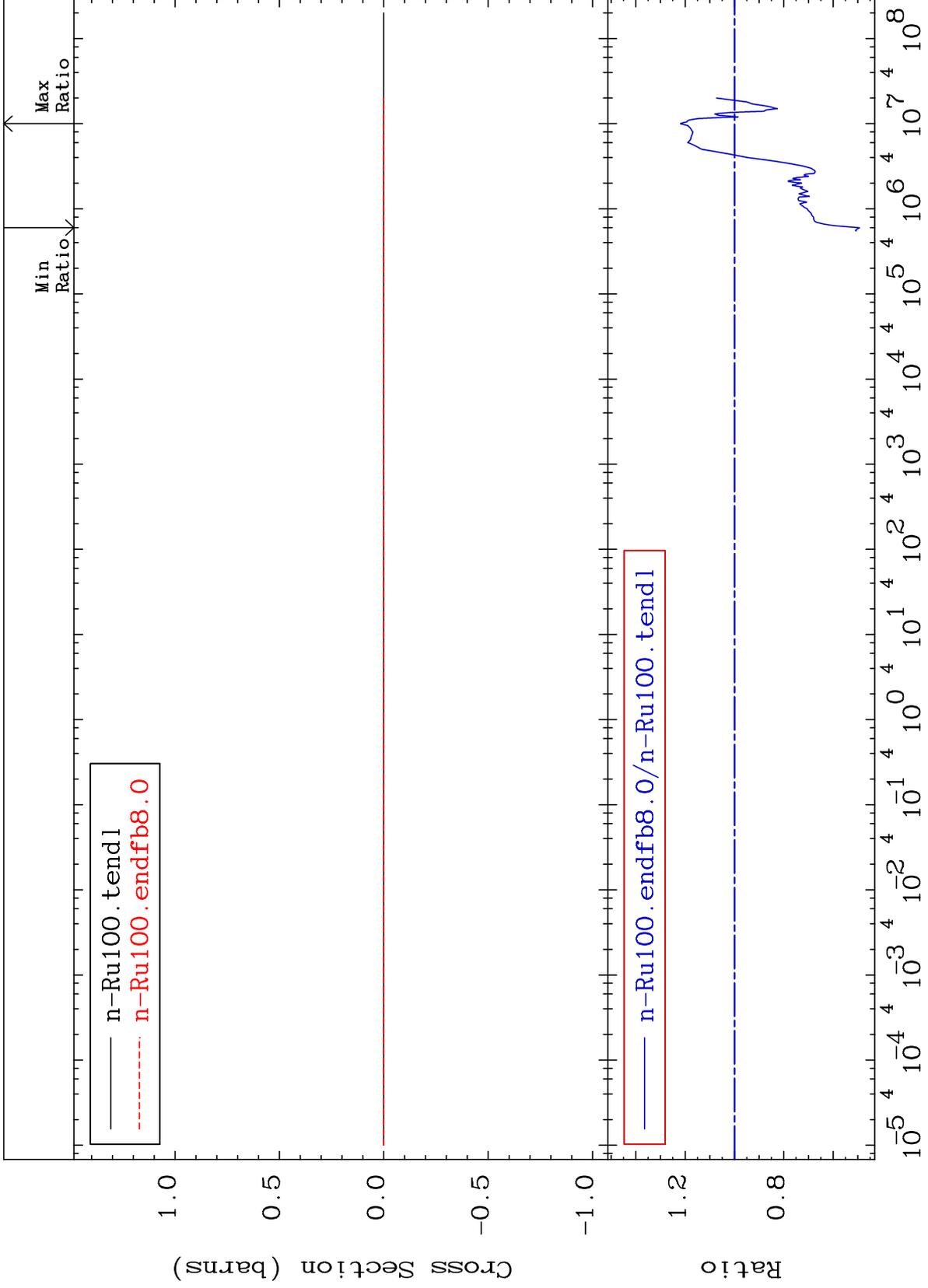




MAT 4437

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

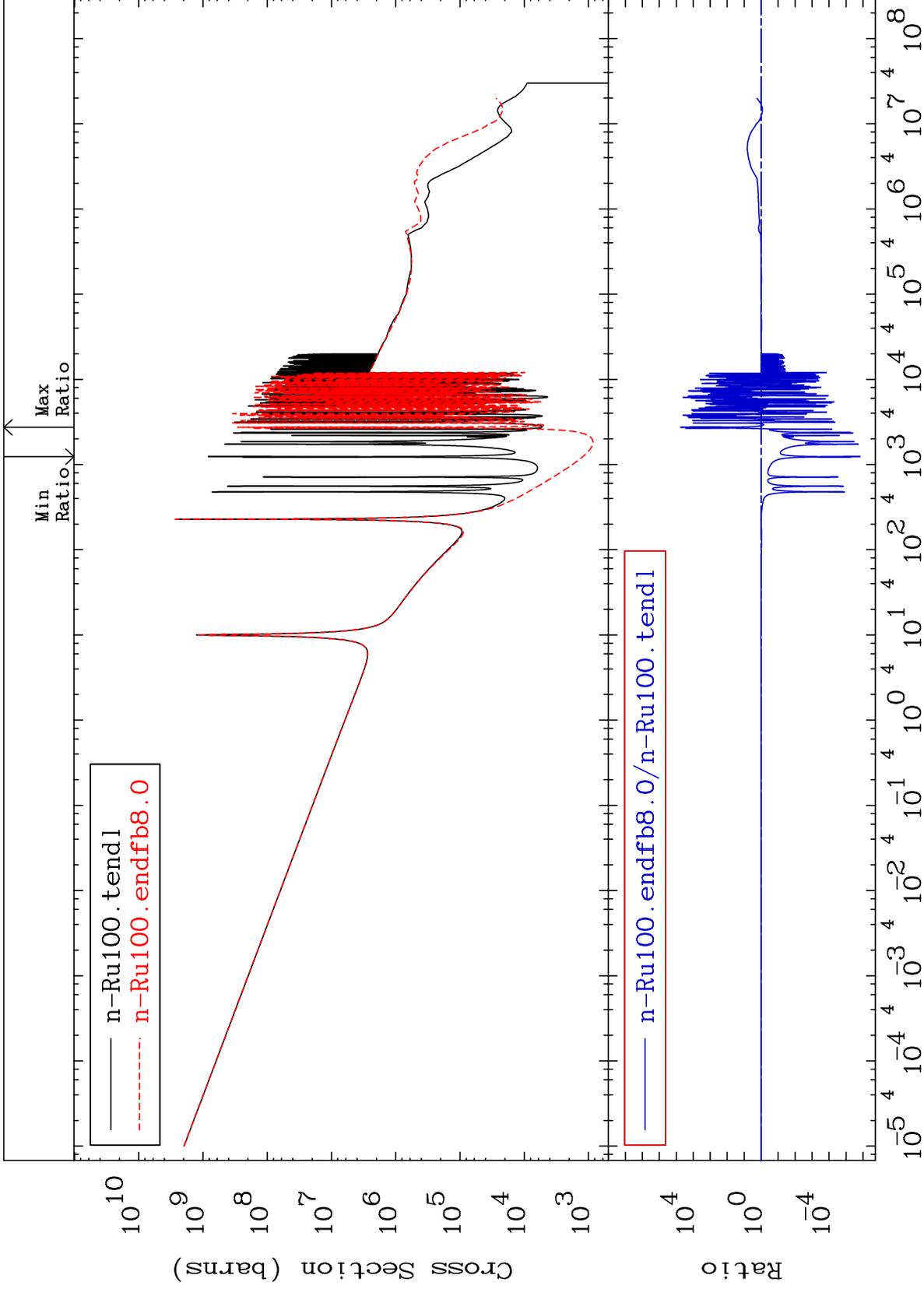
44-Ru-100
-50.68 To 21.97 %



MAT 4437

Kerma capture (mt102)
Cross Section

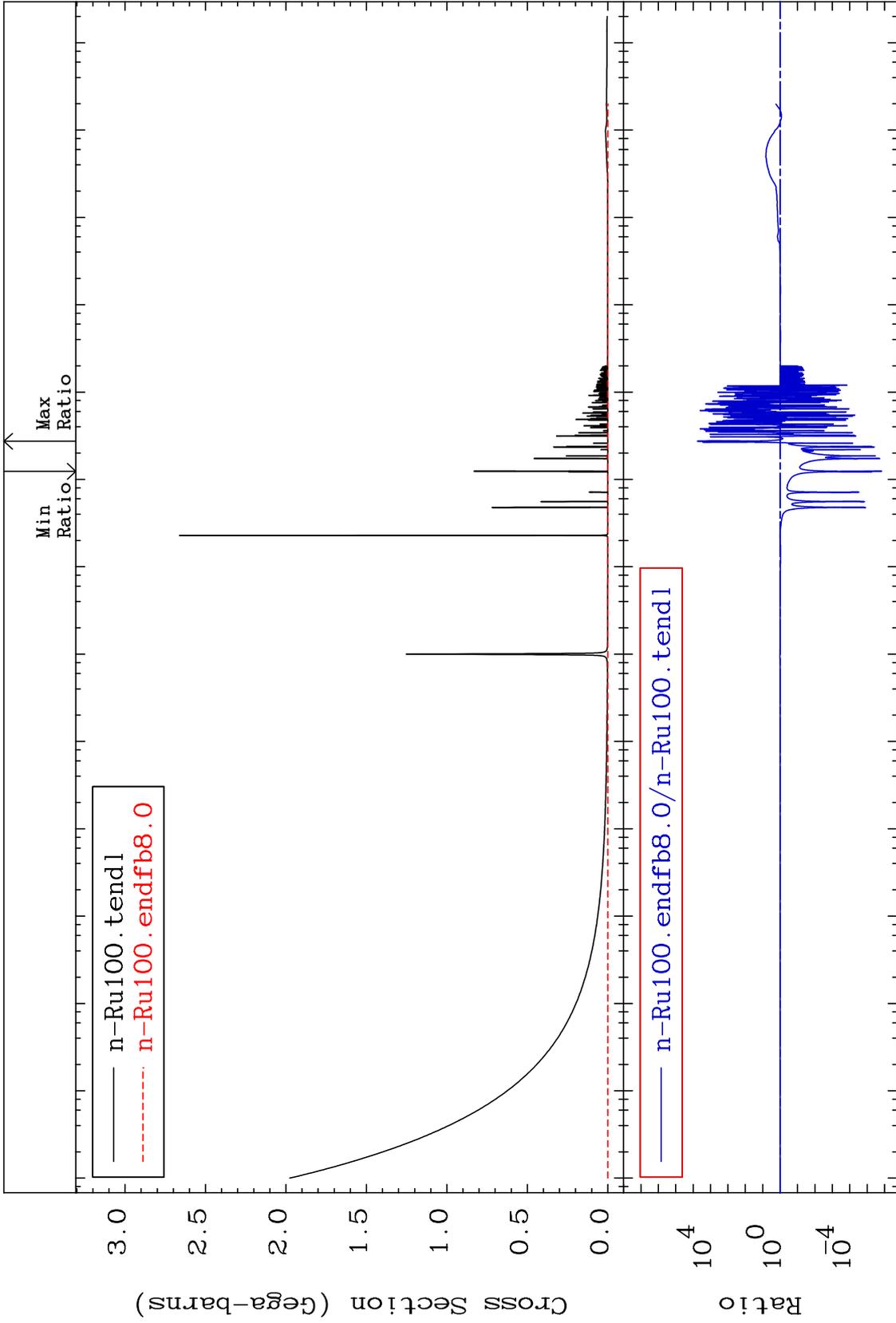
44-Ru-100
-100.0 To 9999. %



40

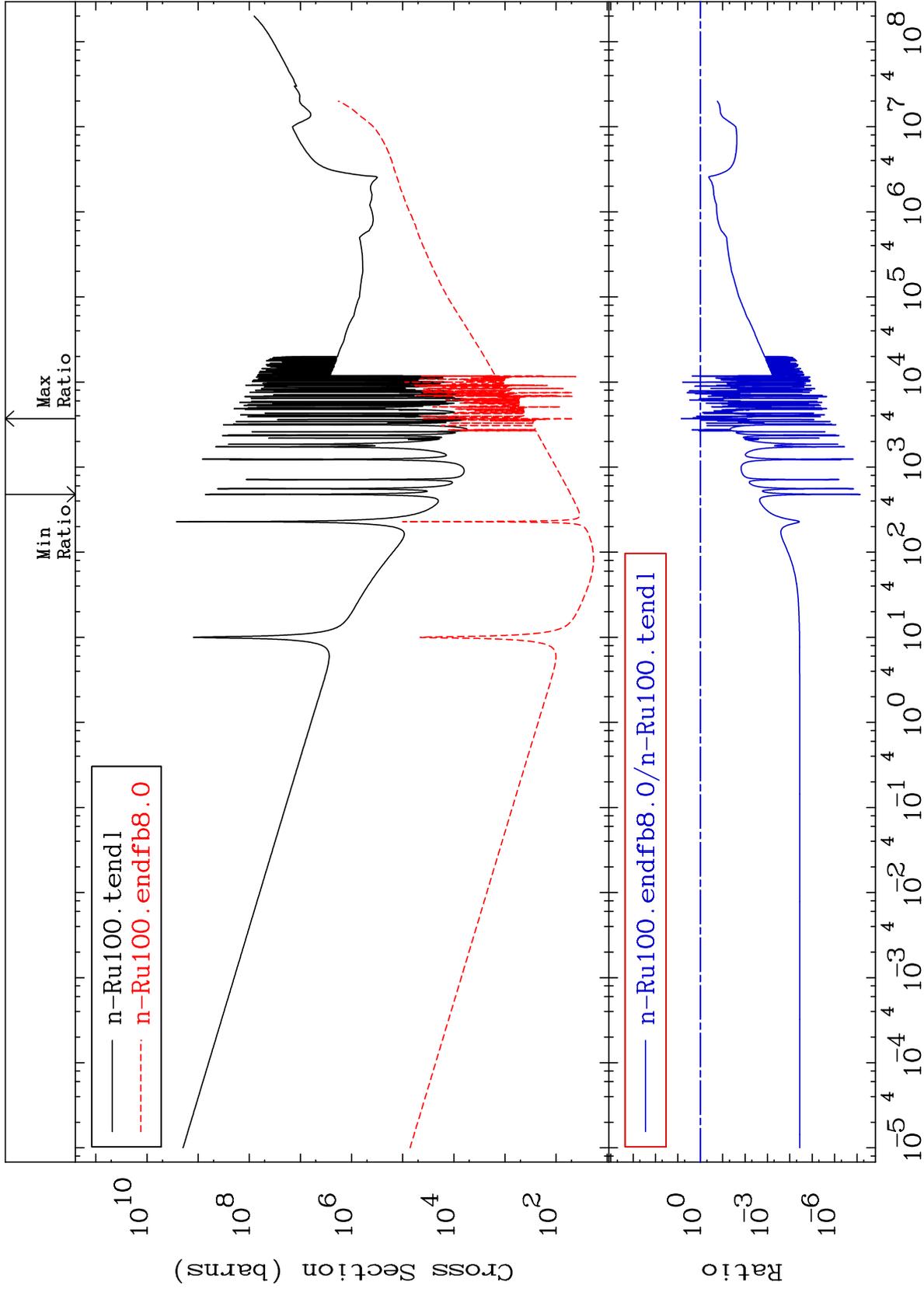
Incident Energy (eV)

44-Ru-100



Cross Section

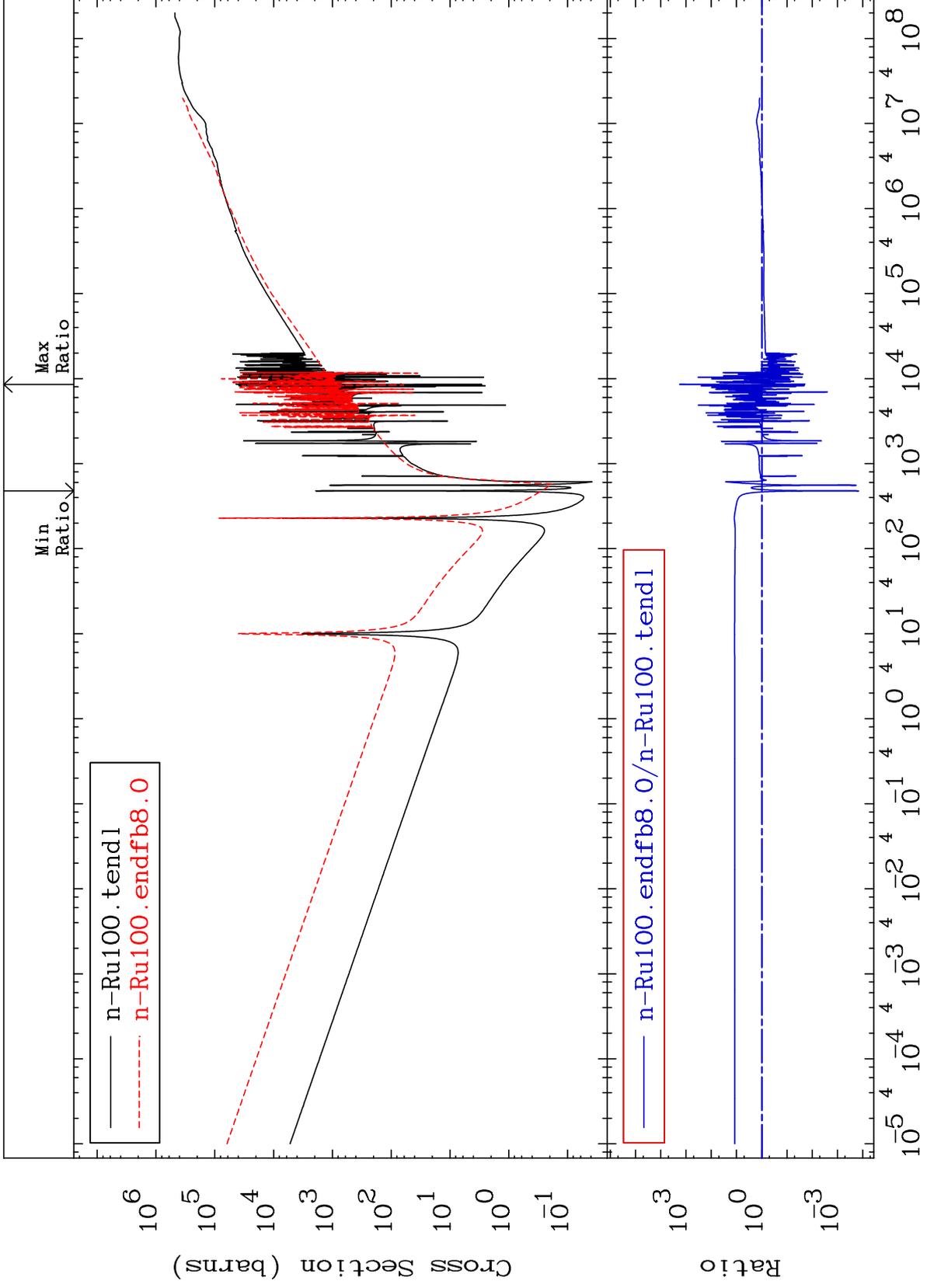
-100.0 To 612.2 %



MAT 4437

Dpa total (eV-barns)
Cross Section

44-Ru-100
-99.99 To 9999. %



MAT 4437

Dpa elastic (mt2)
Cross Section

44-Ru-100
-99.82 To 9999. %

