

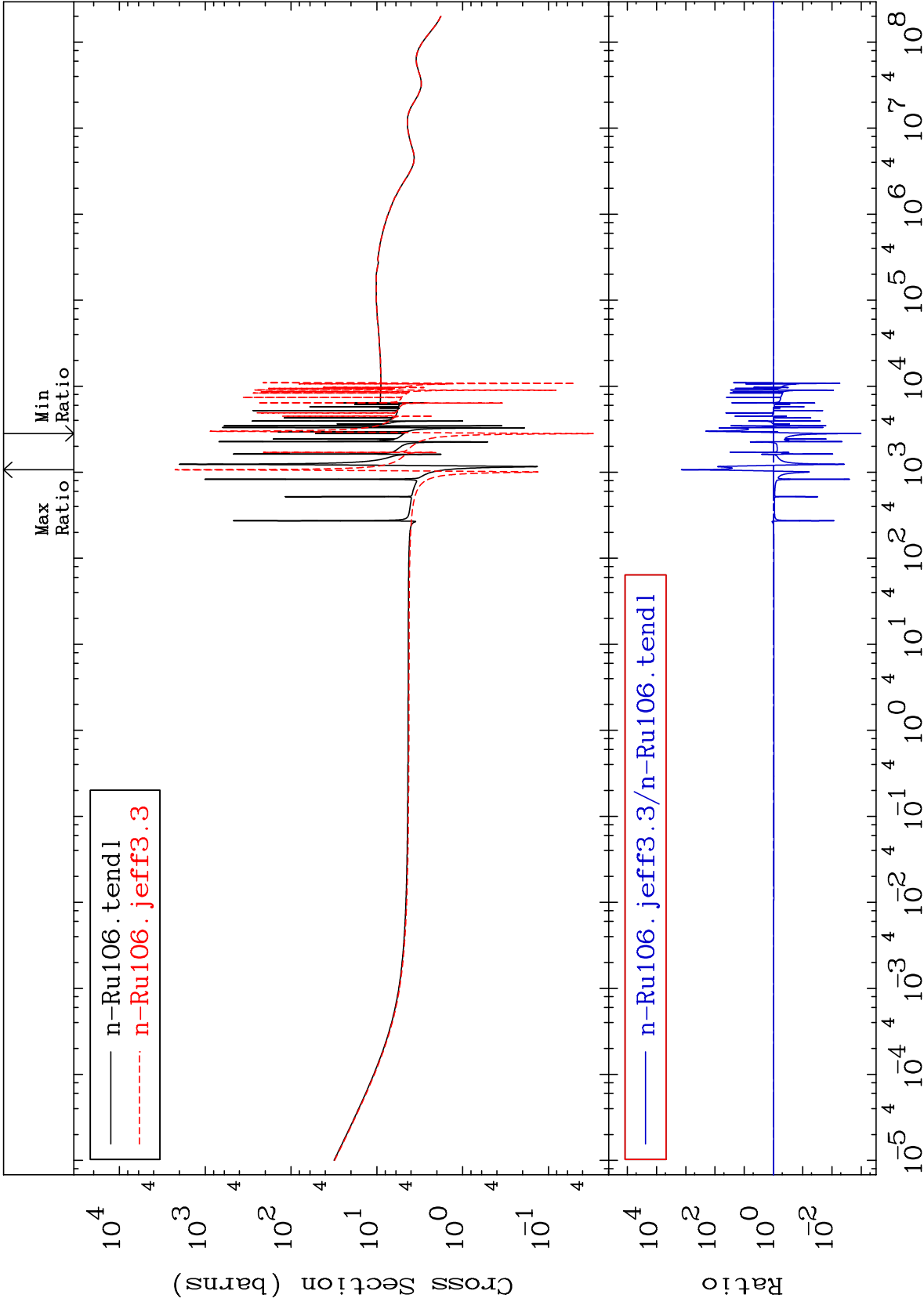
MAT 4455

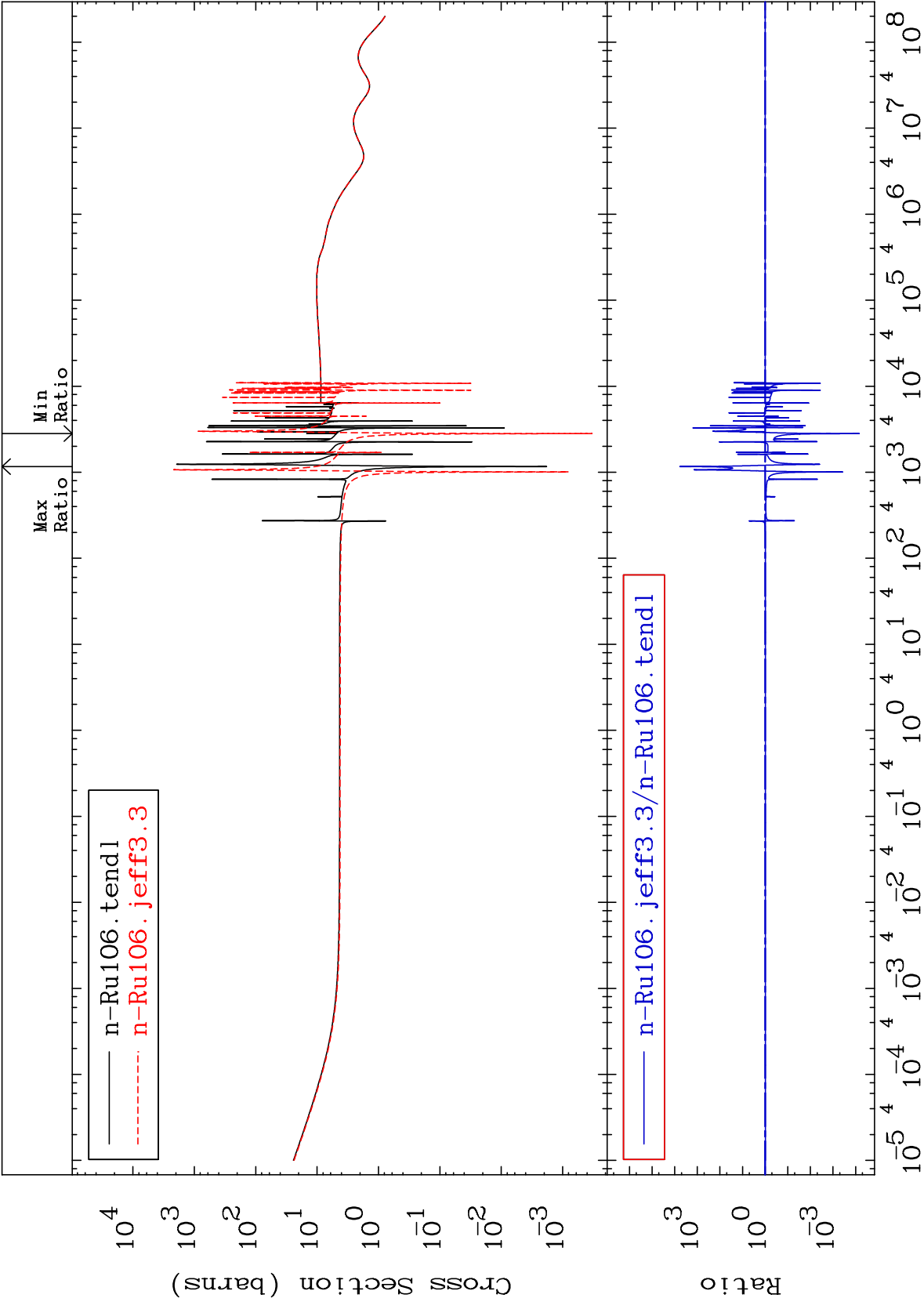
Total

44-Ru-106

Cross Section

-99.90 To 9999. %



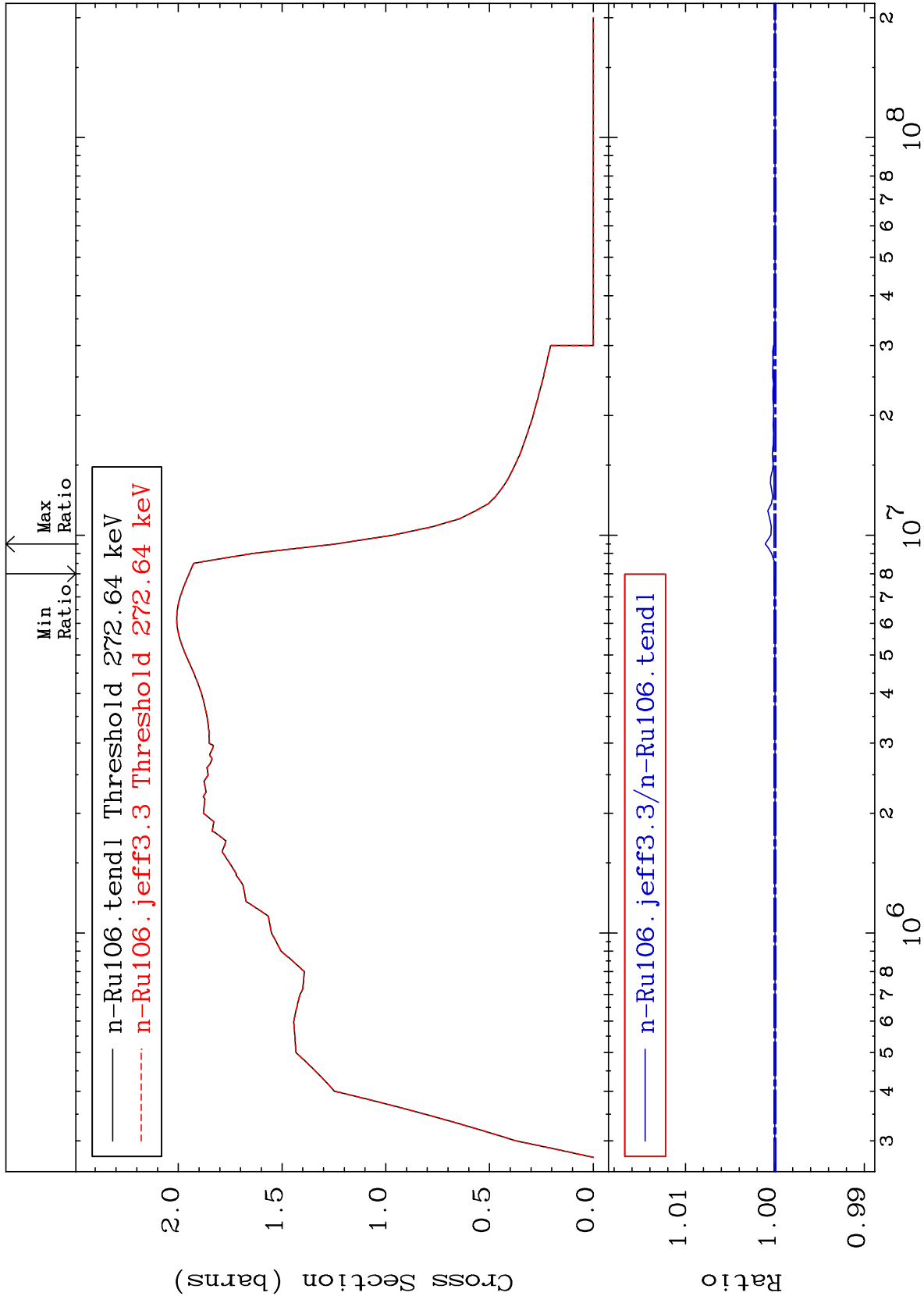


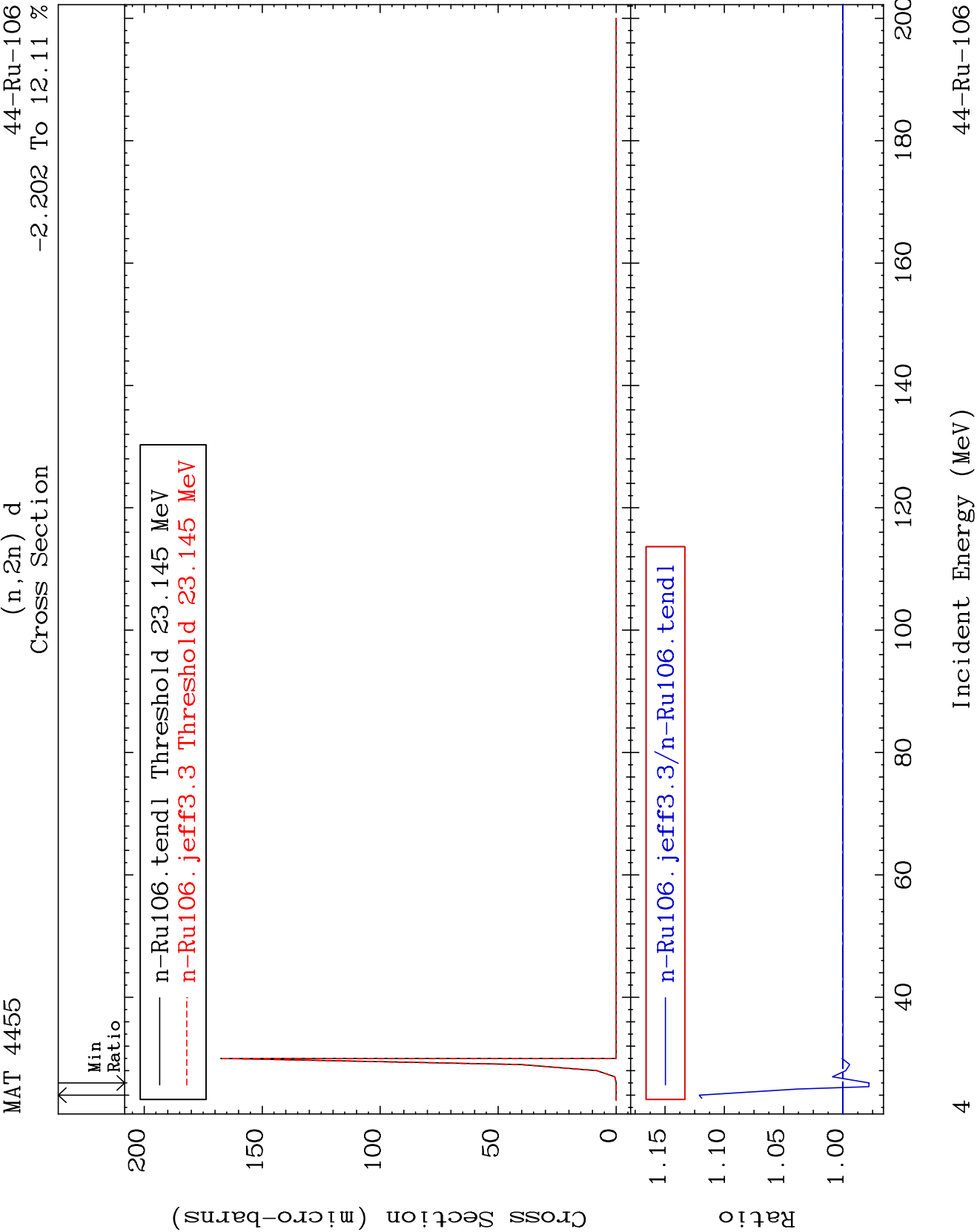
MAT 4455

44-Ru-106

Inelastic
Cross Section

-0.002 To 0.109 %





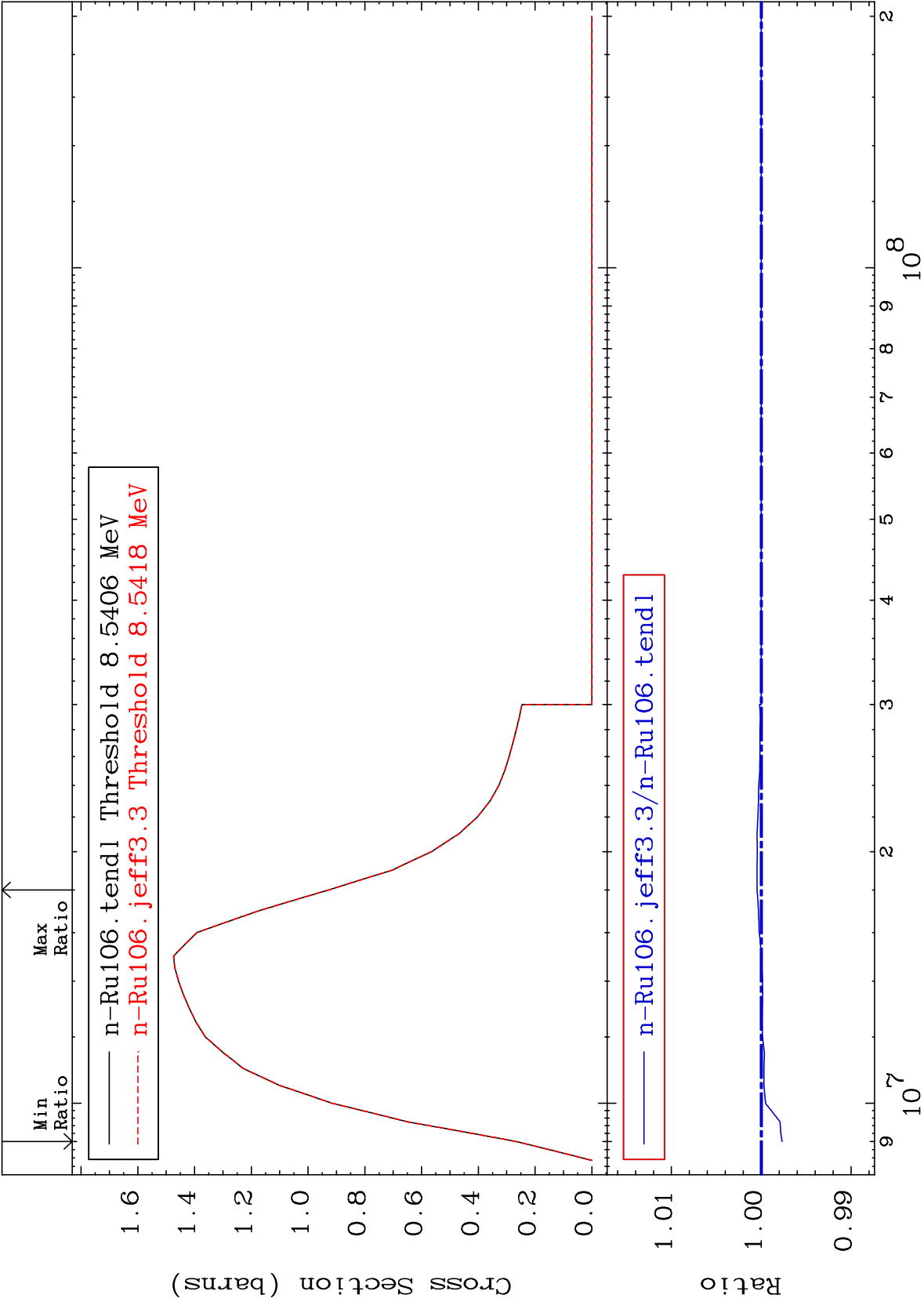
MAT 4455

(n,2n)

44-Ru-106

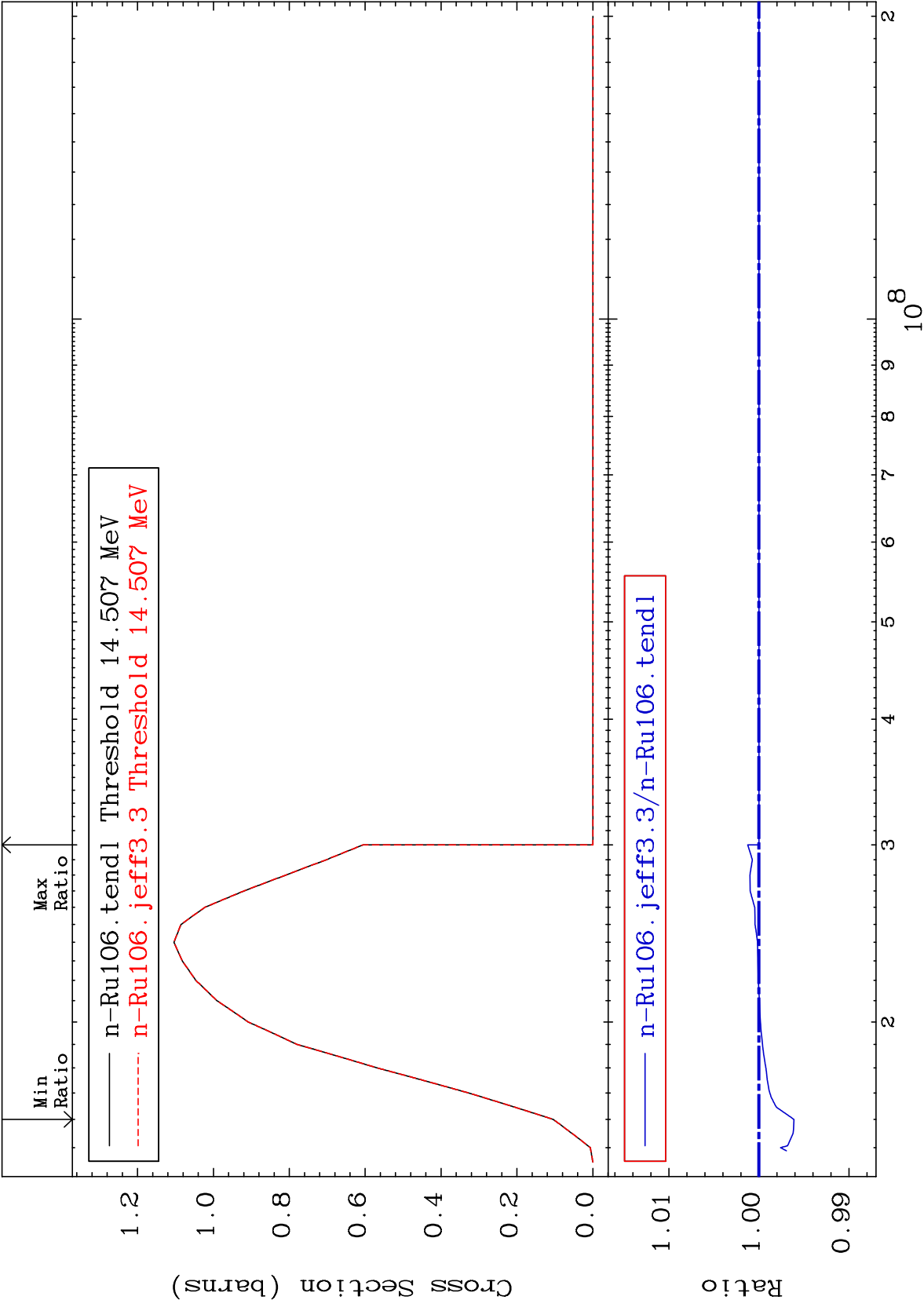
Cross Section

-0.231 To 0.048 %



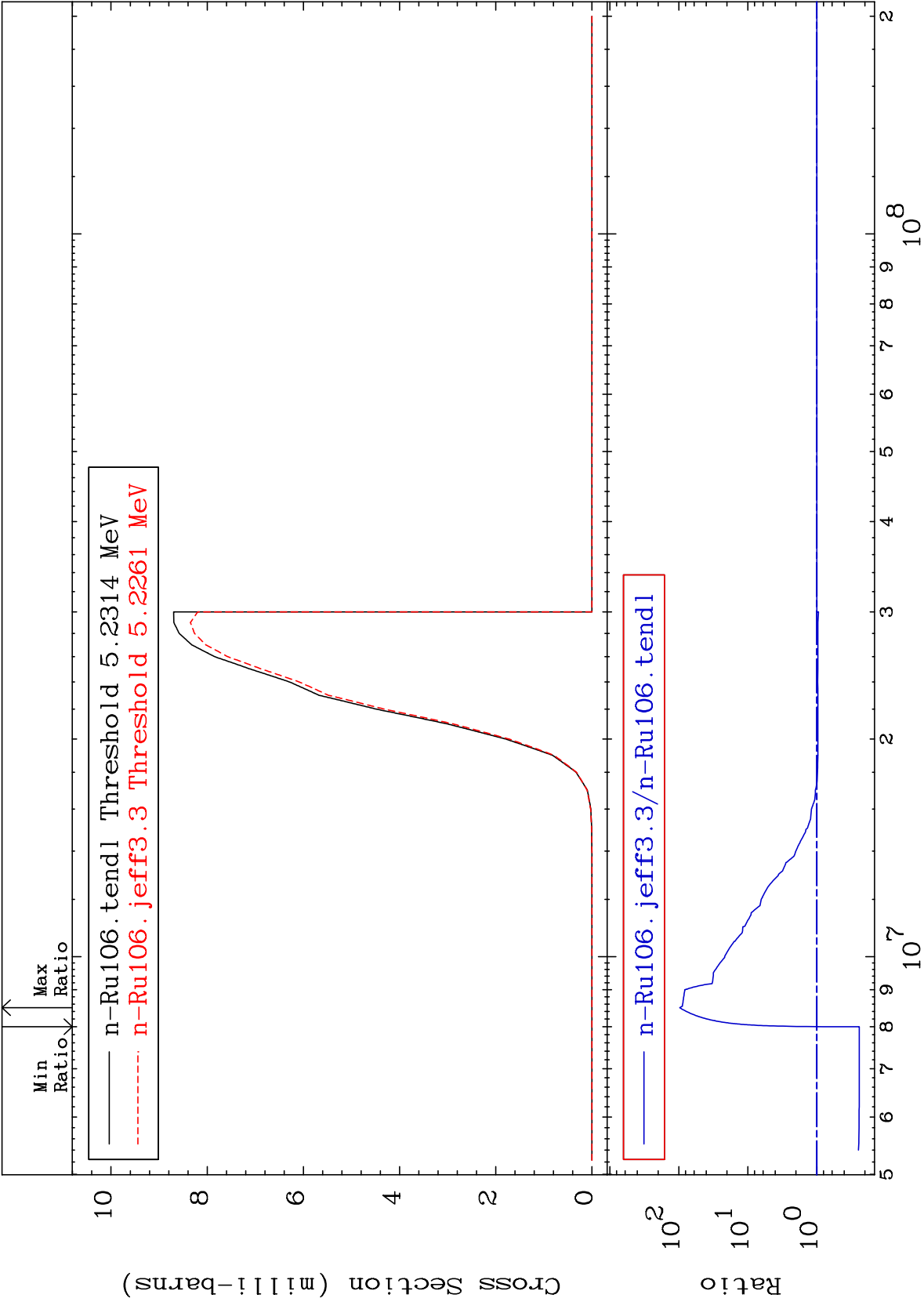
Cross Section

-0.389 To 0.125 %



MAT 4455

(n,n') α
Cross Section
44-Ru-106
-75.82 To 9602. %



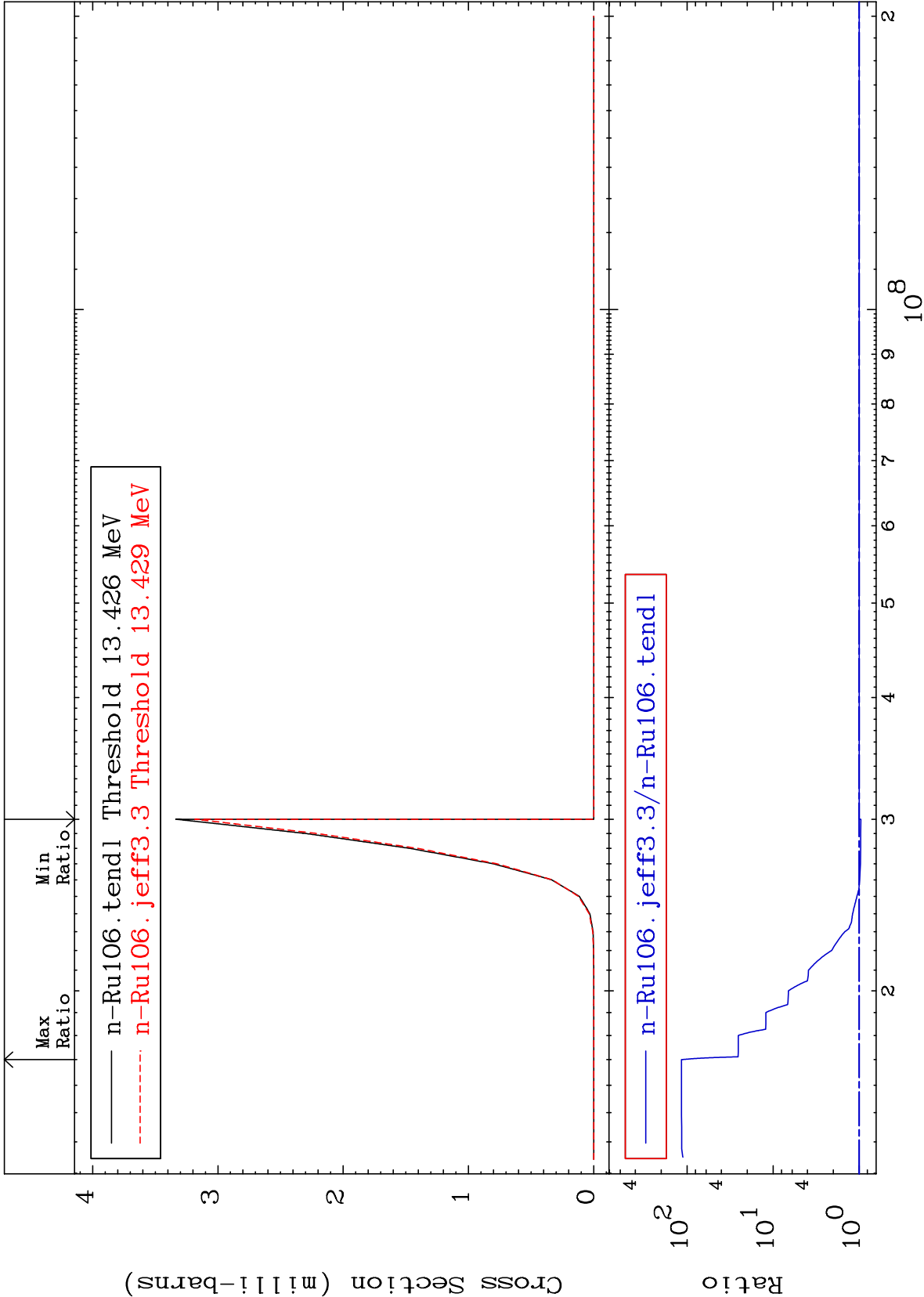
MAT 4455

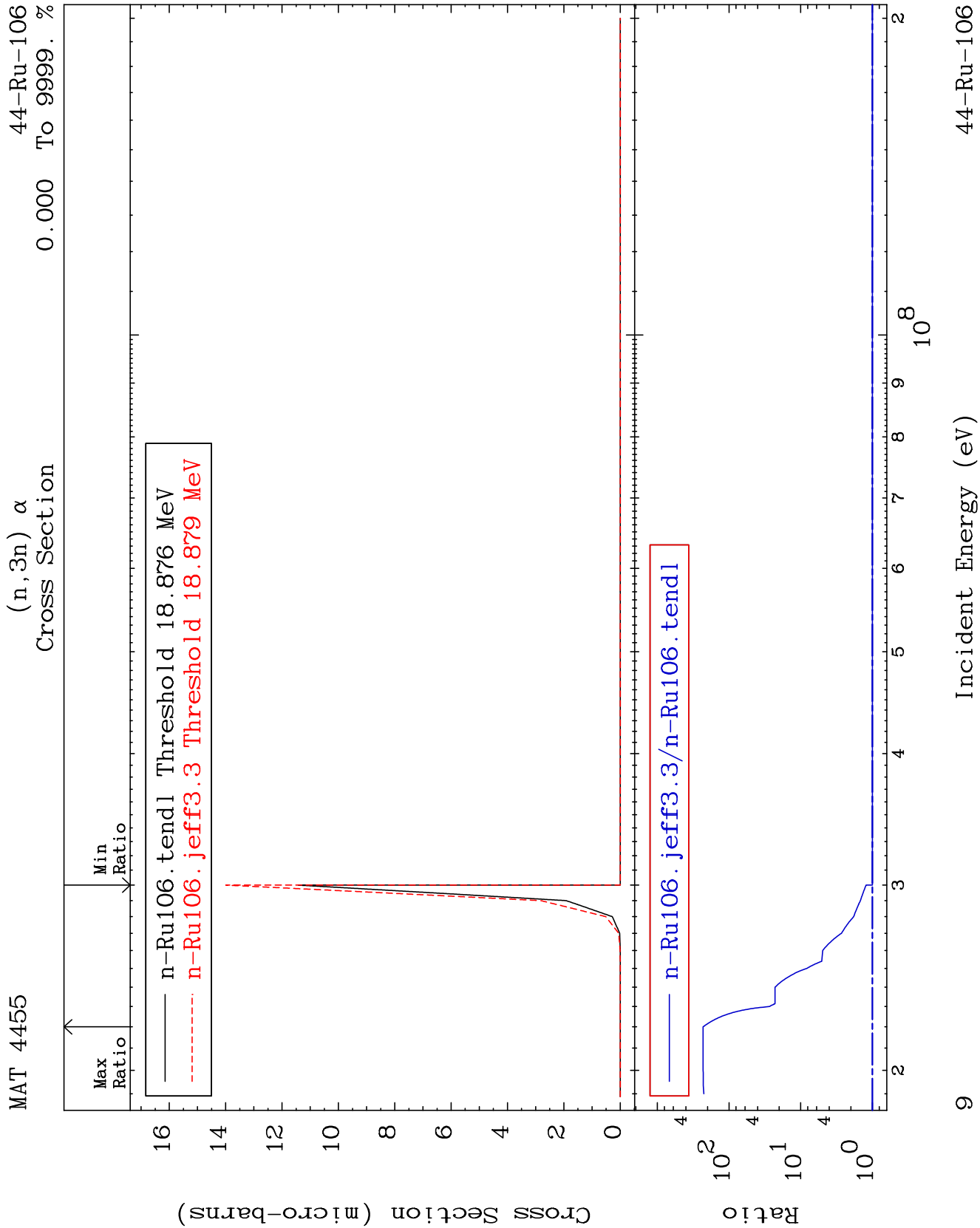
(n,2n) α

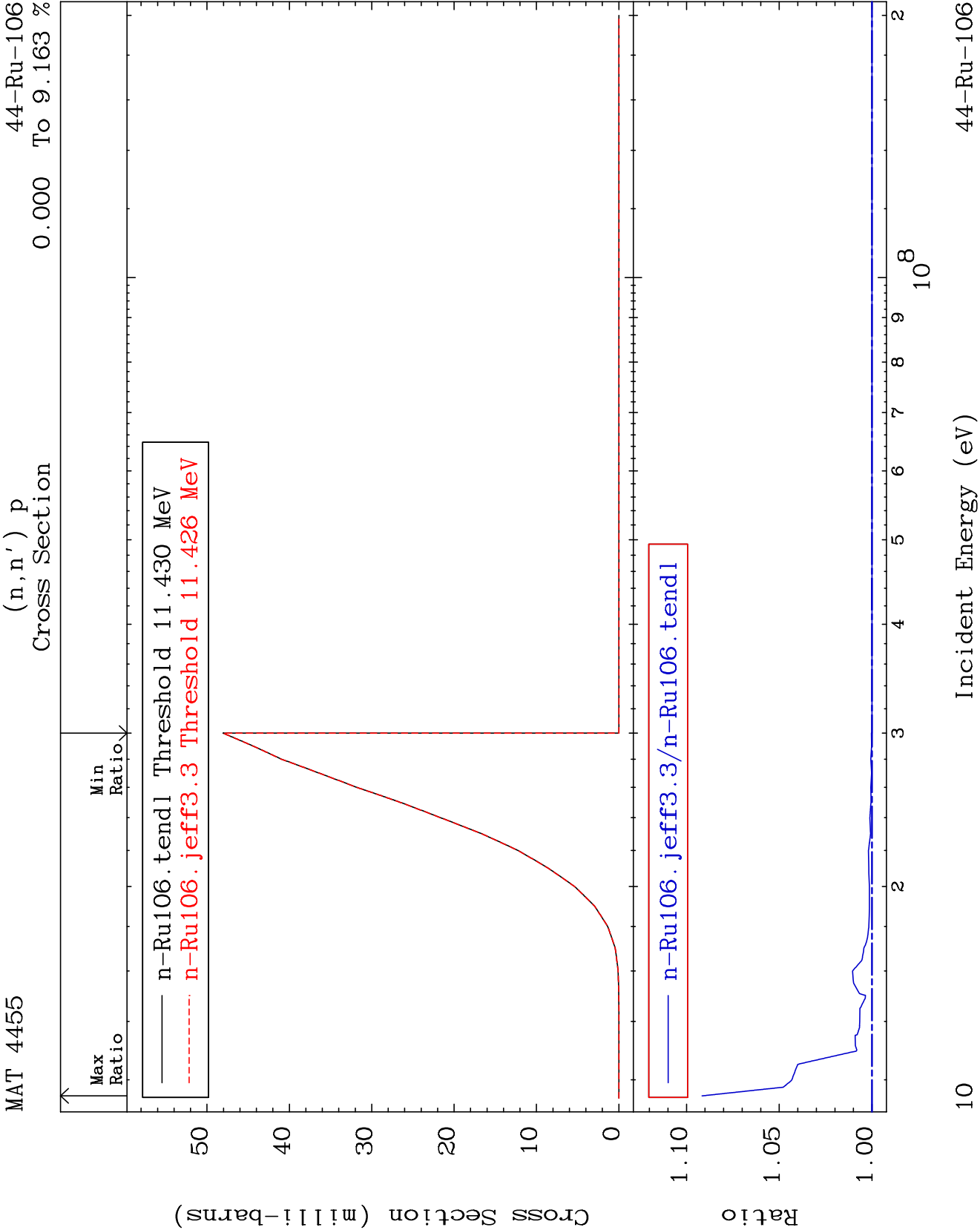
44-Ru-106

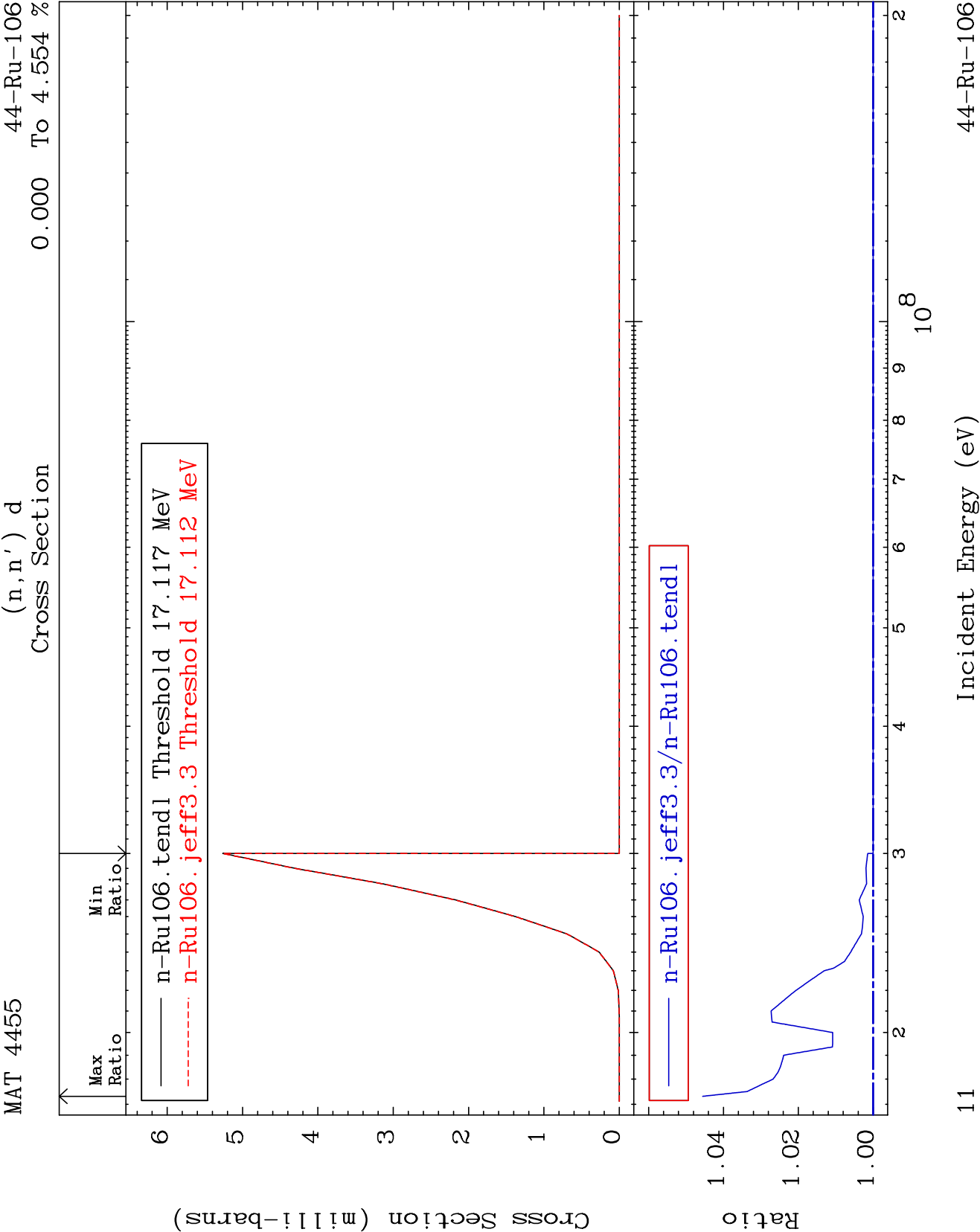
Cross Section

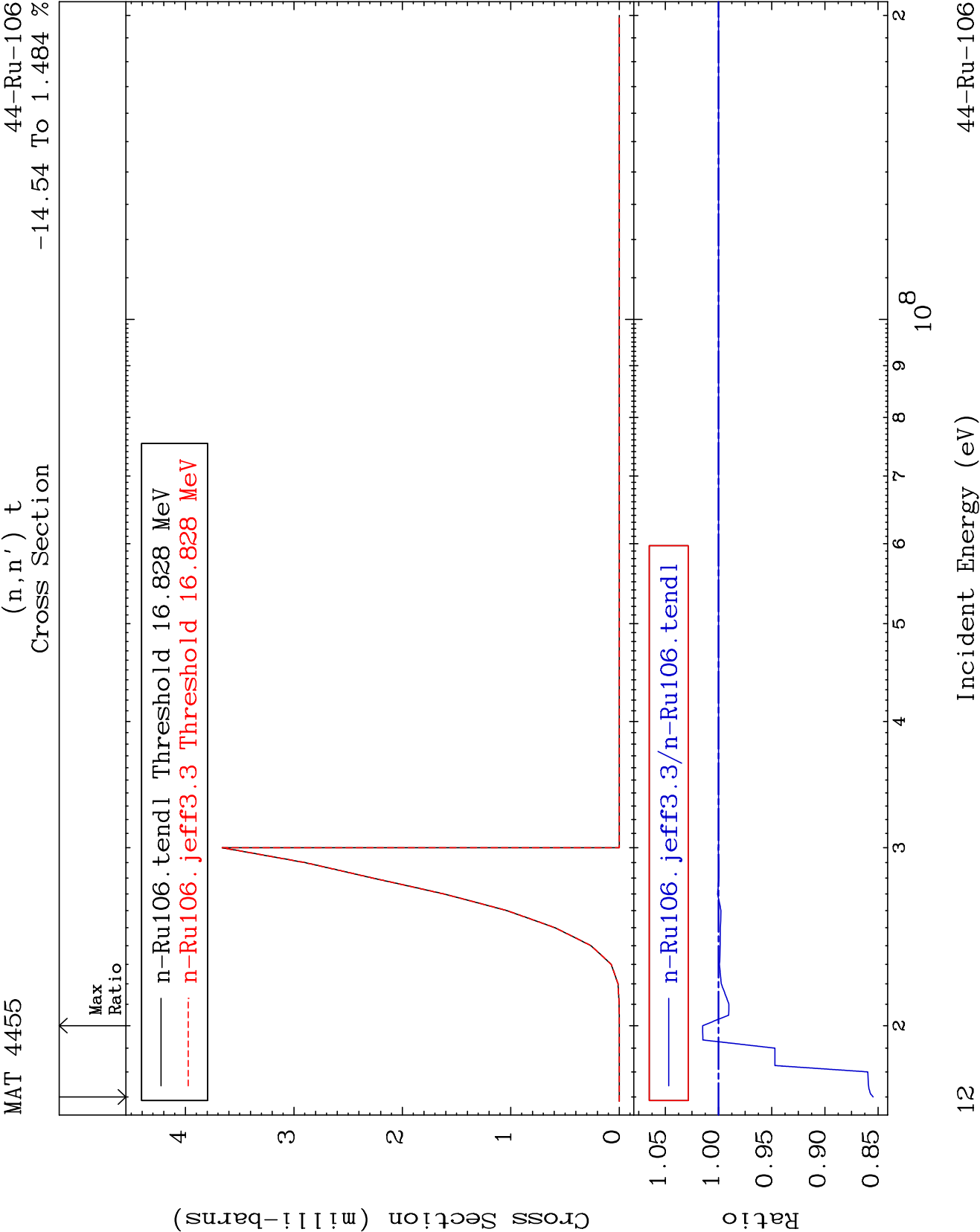
-4.636 To 9999. %







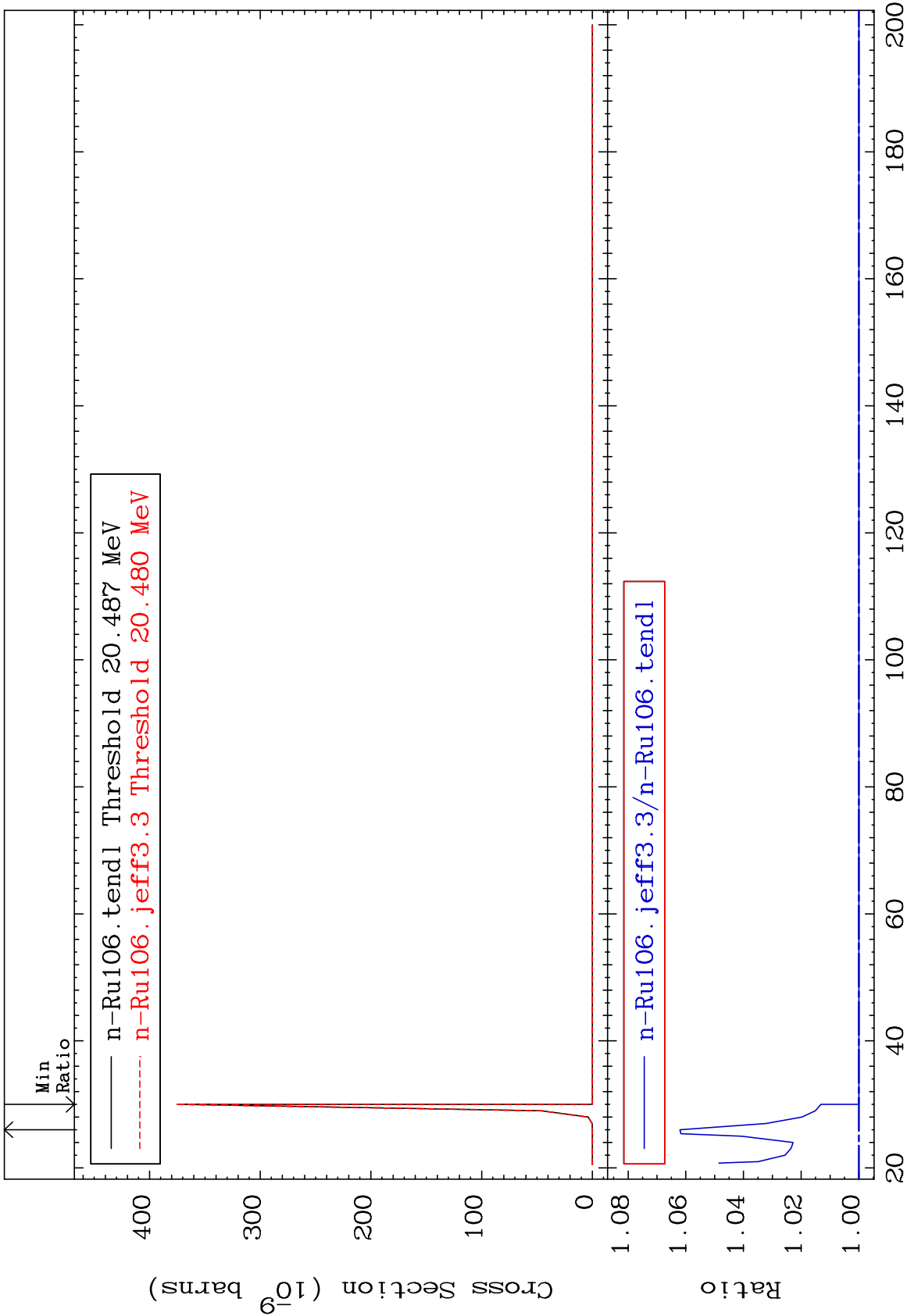


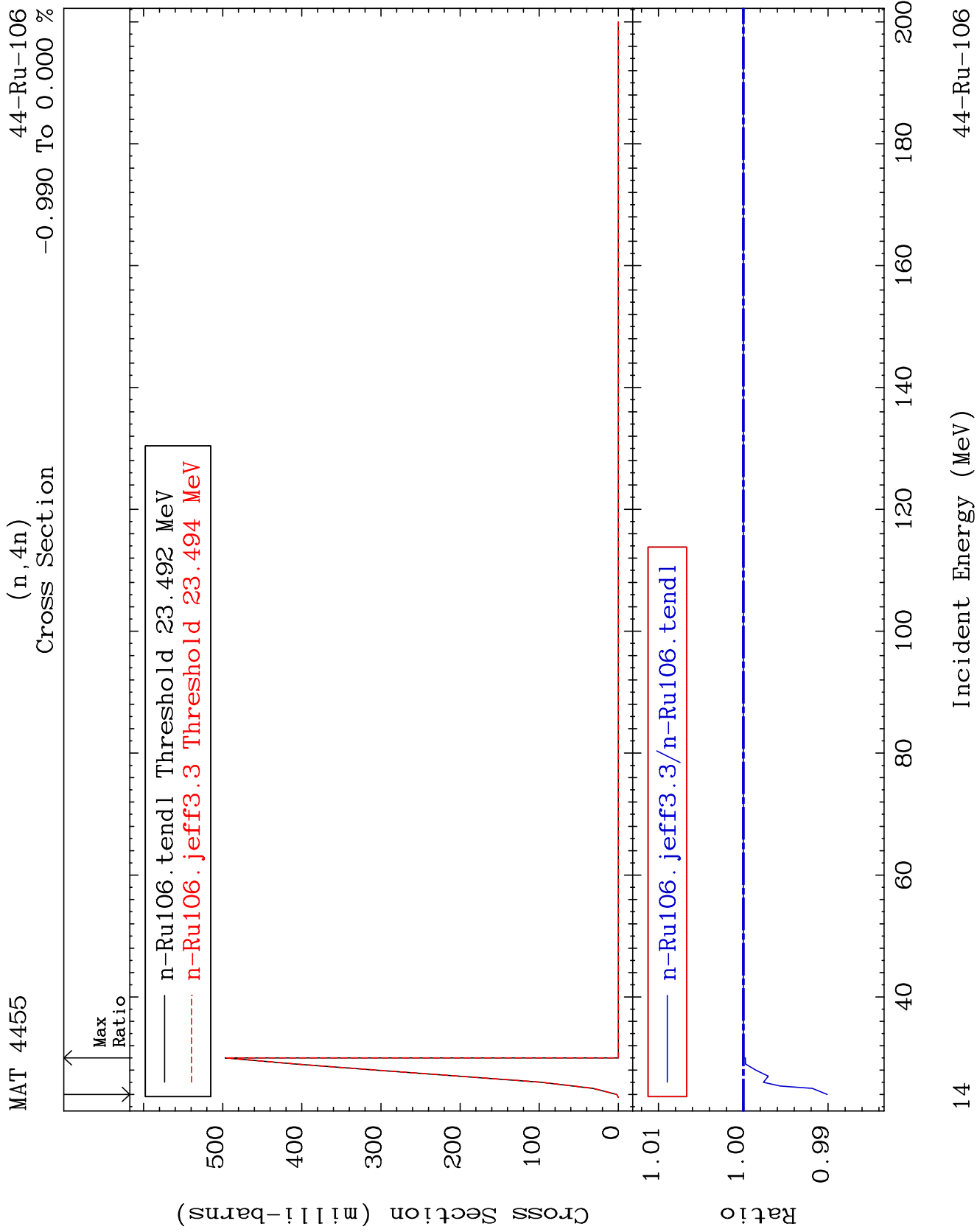


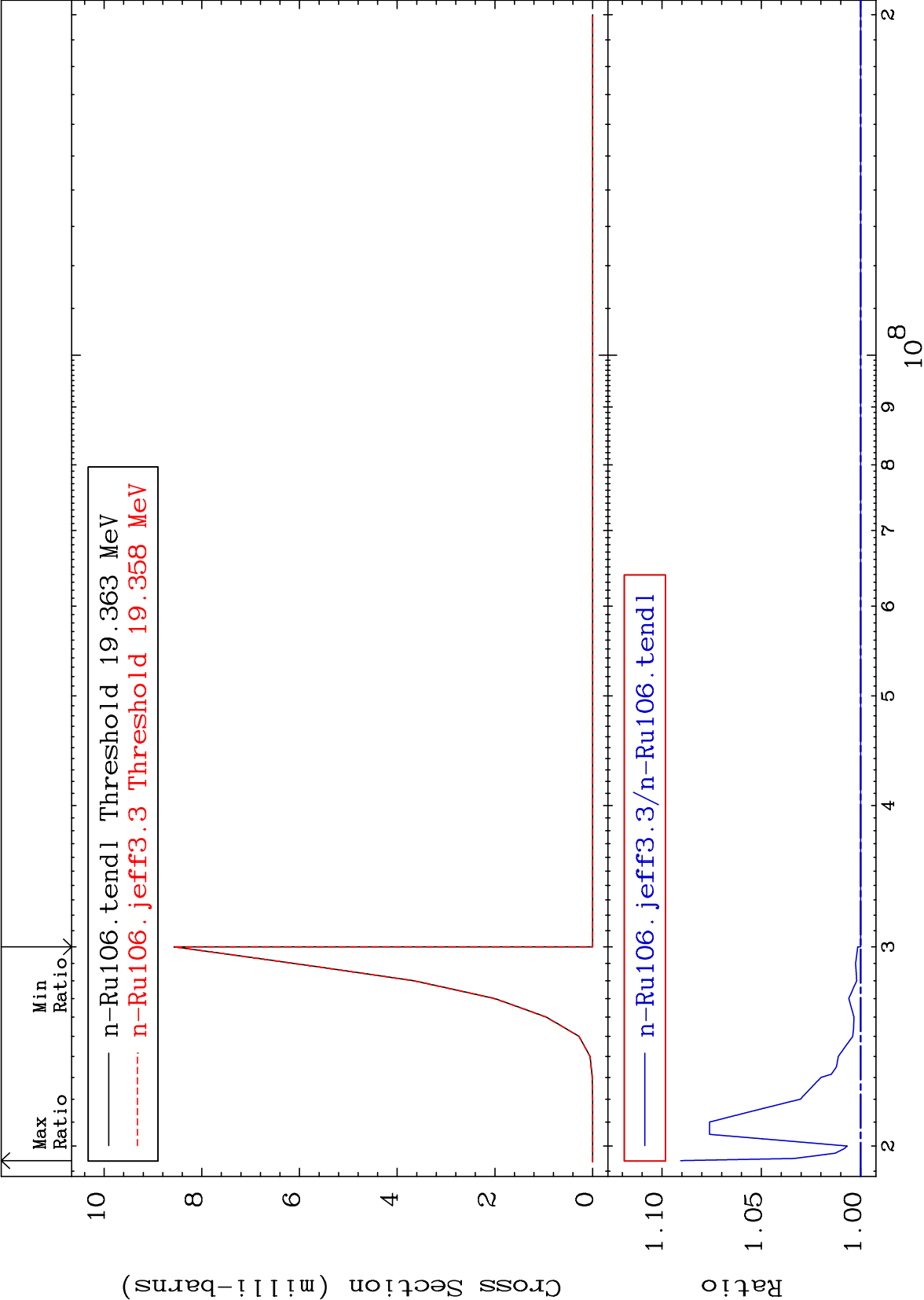
MAT 4455

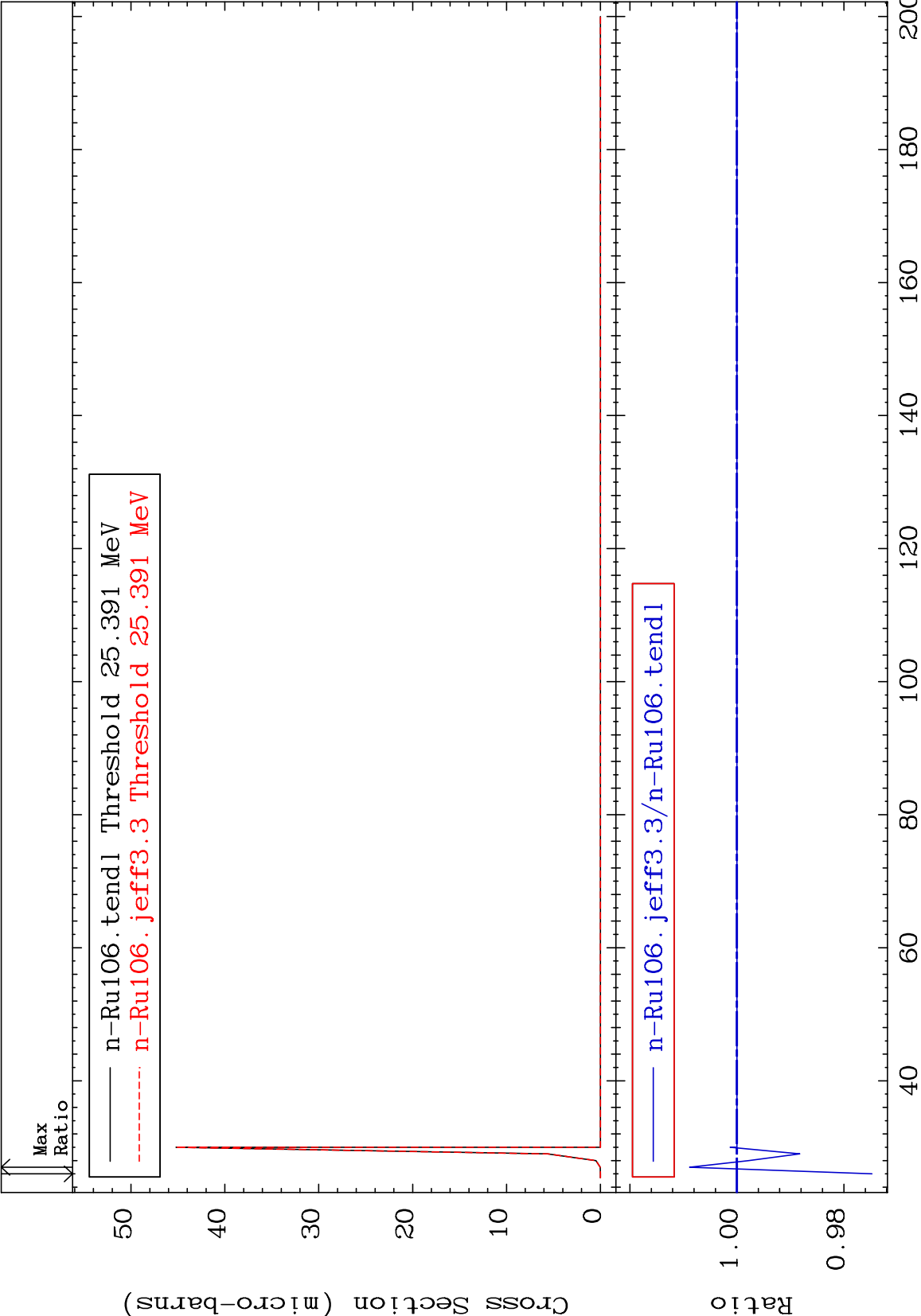
(n,n') He-3
Cross Section

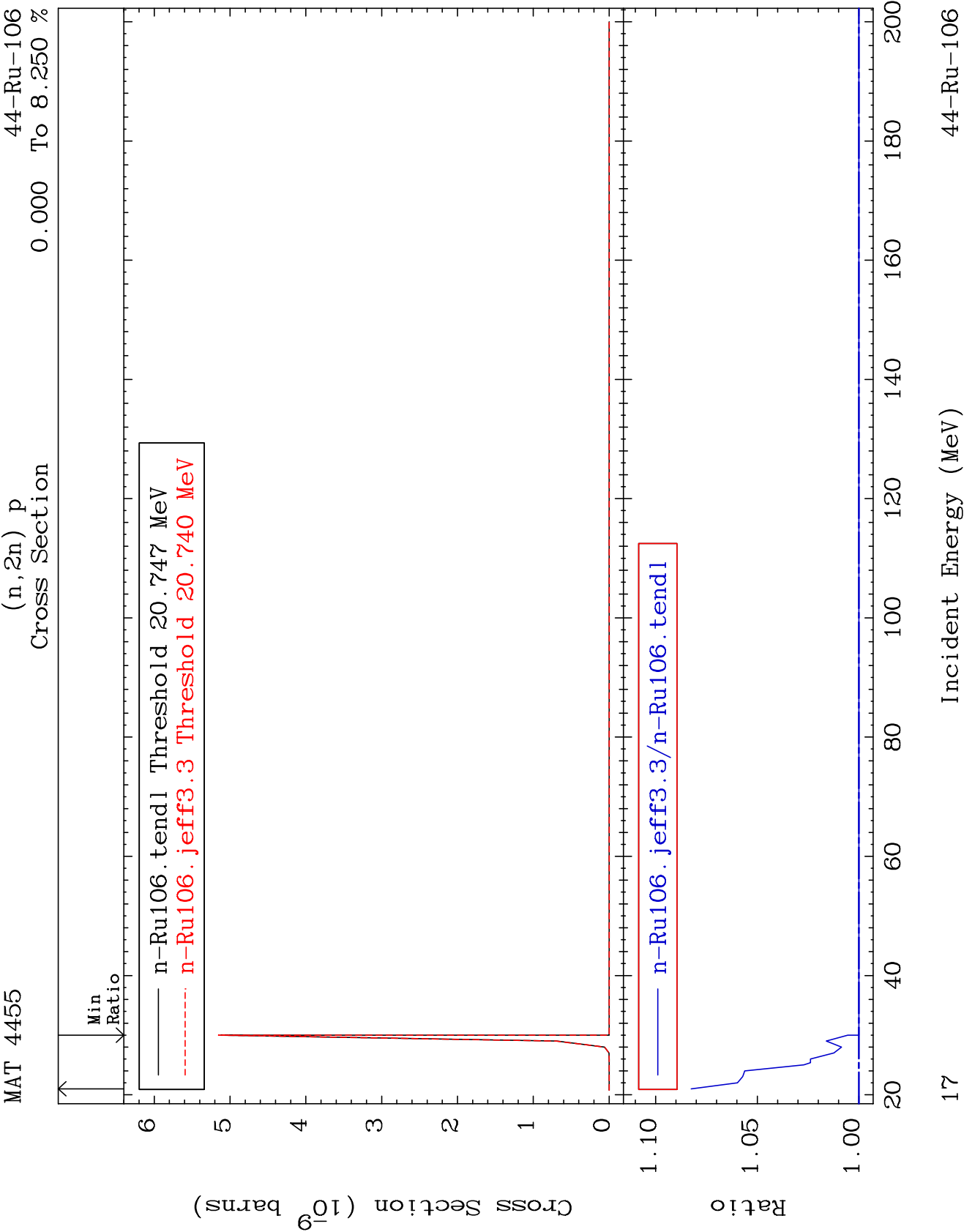
44-Ru-106
0.000 To 6.204 %

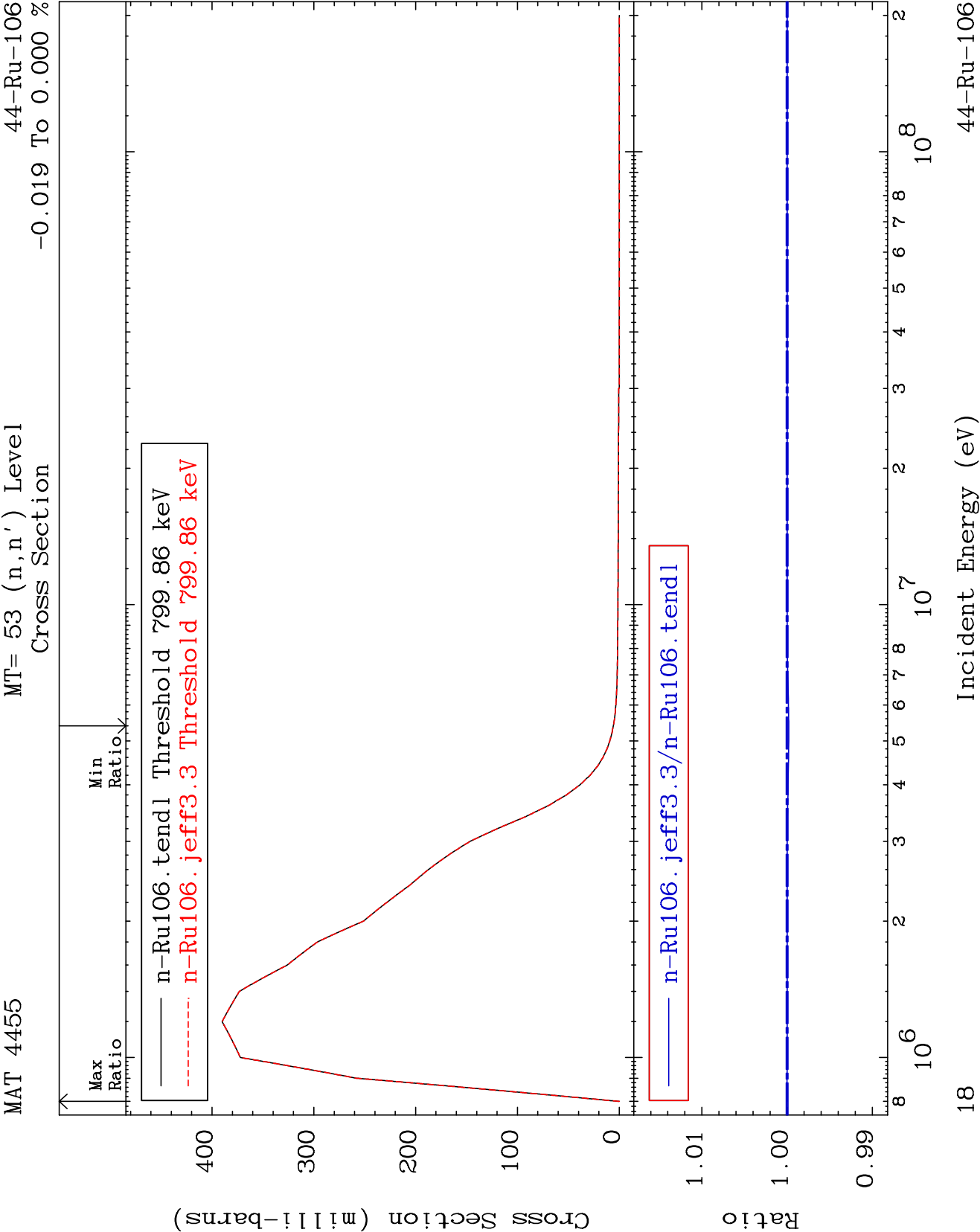












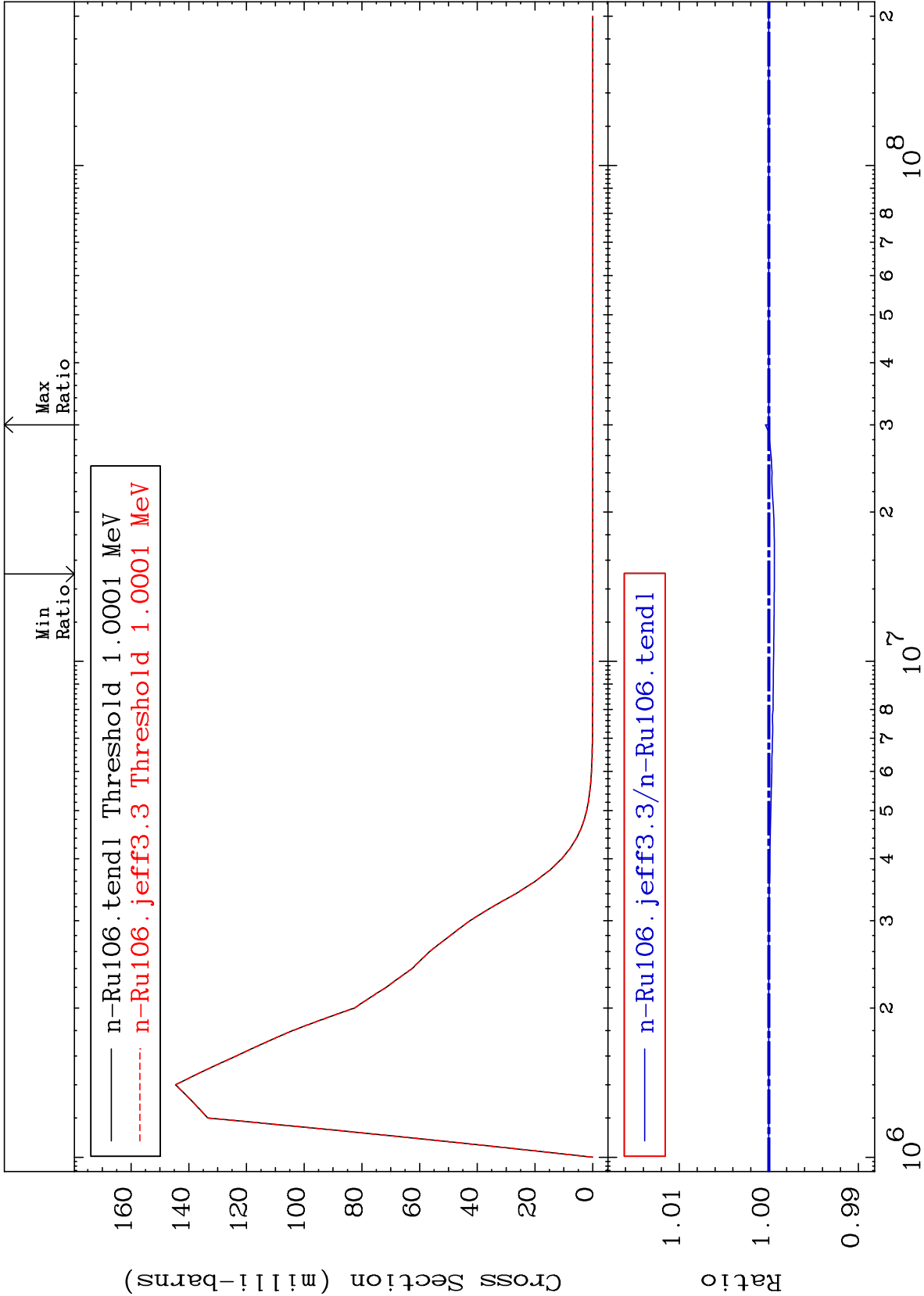
MAT 4455

MT= 54 (n,n') Level

44-Ru-106

Cross Section

-0.062 To 0.037 %



Incident Energy (eV)

44-Ru-106

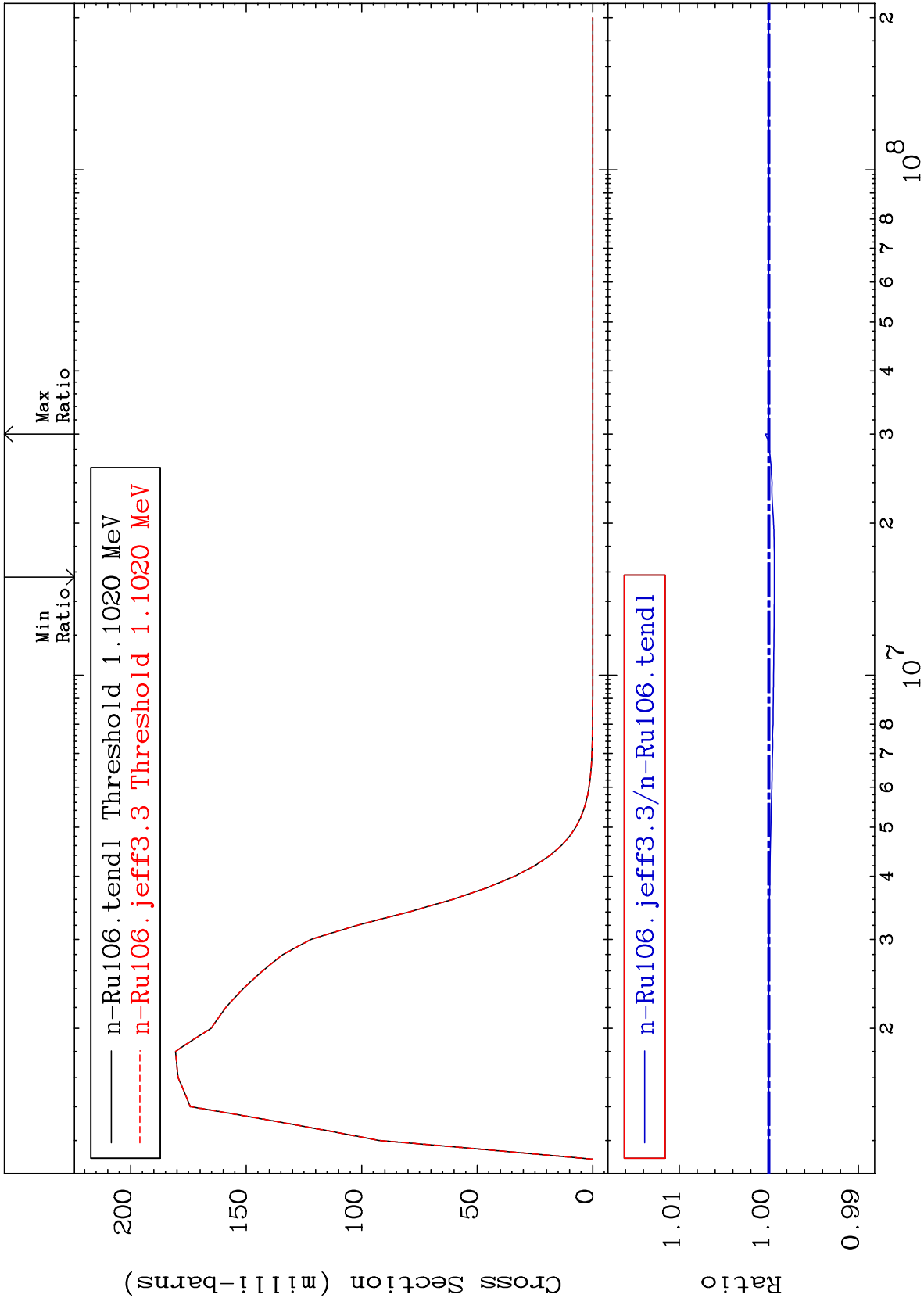
MAT 4455

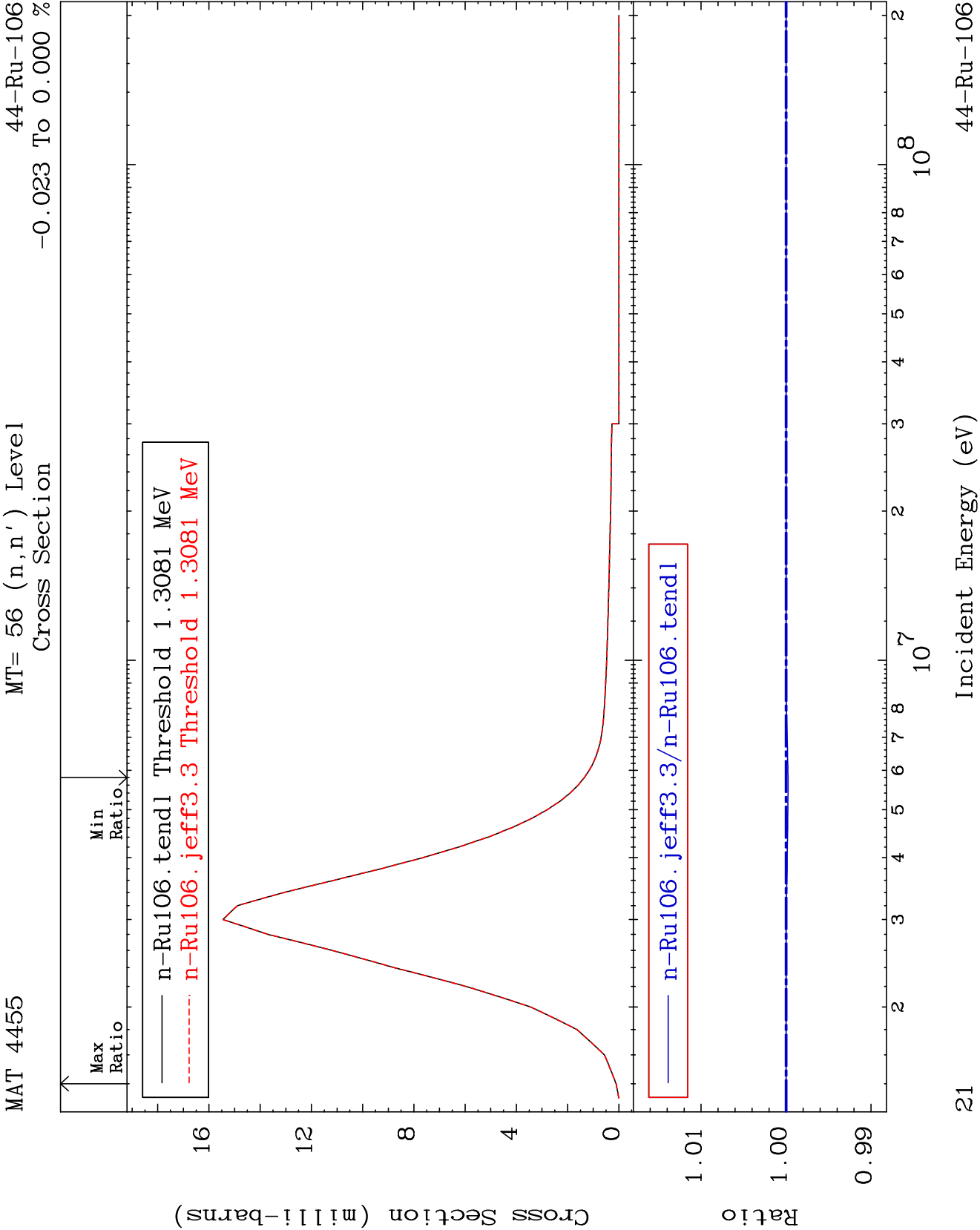
MT= 55 (n,n') Level

44-Ru-106

Cross Section

-0.062 To 0.037 %





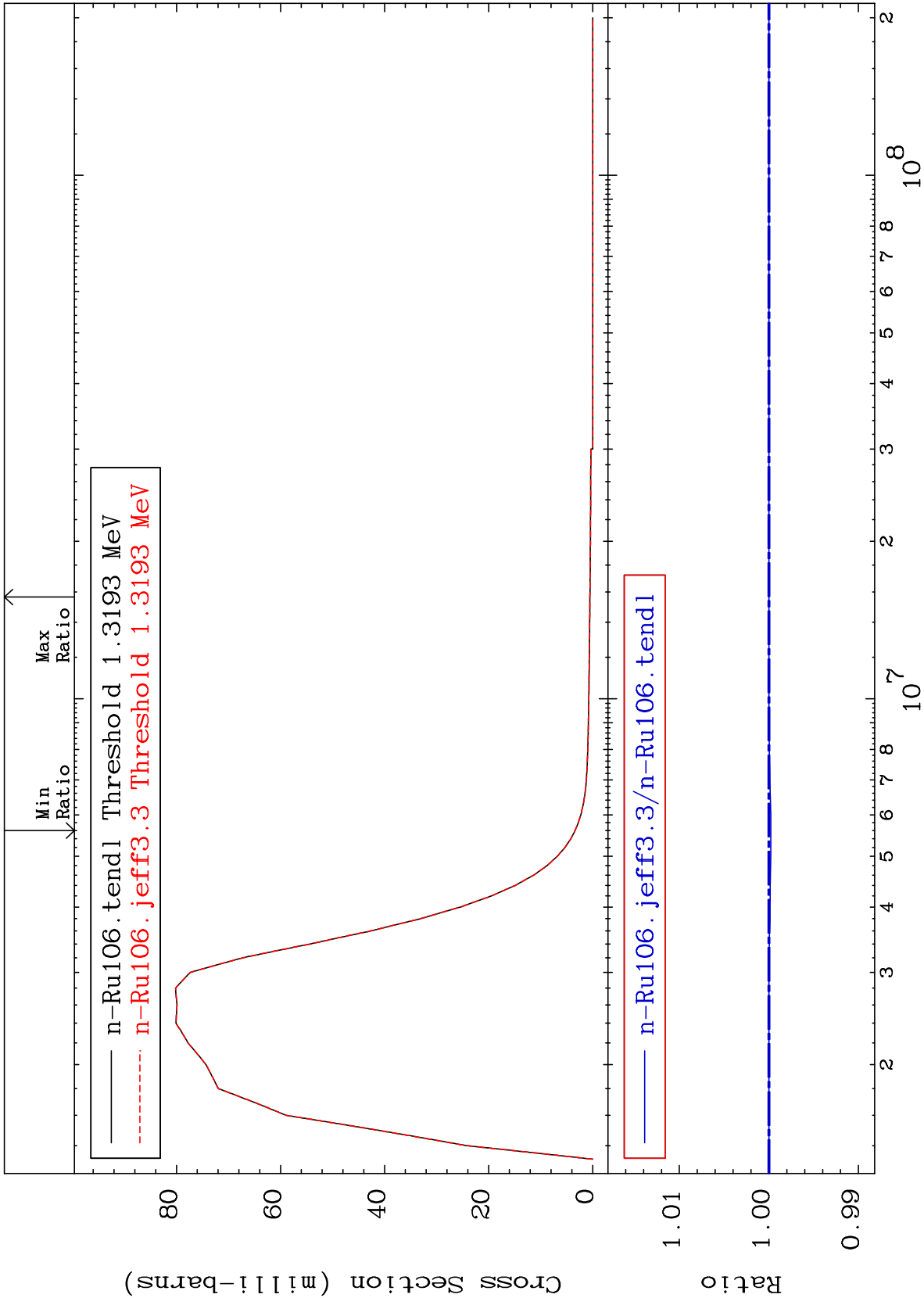
MAT 4455

MT= 57 (n,n') Level

44-Ru-106

-0.022 To 0.000 %

Cross Section

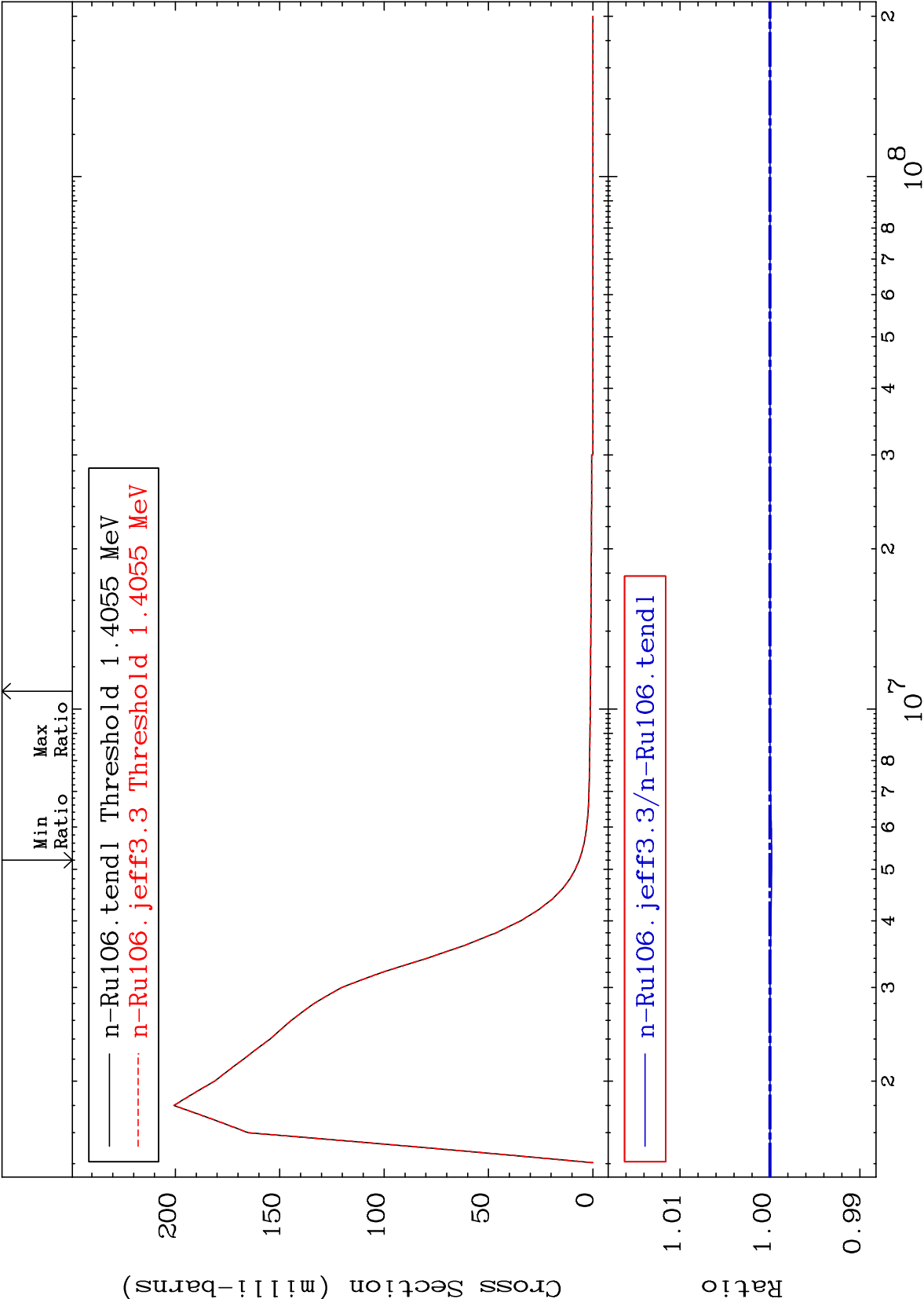


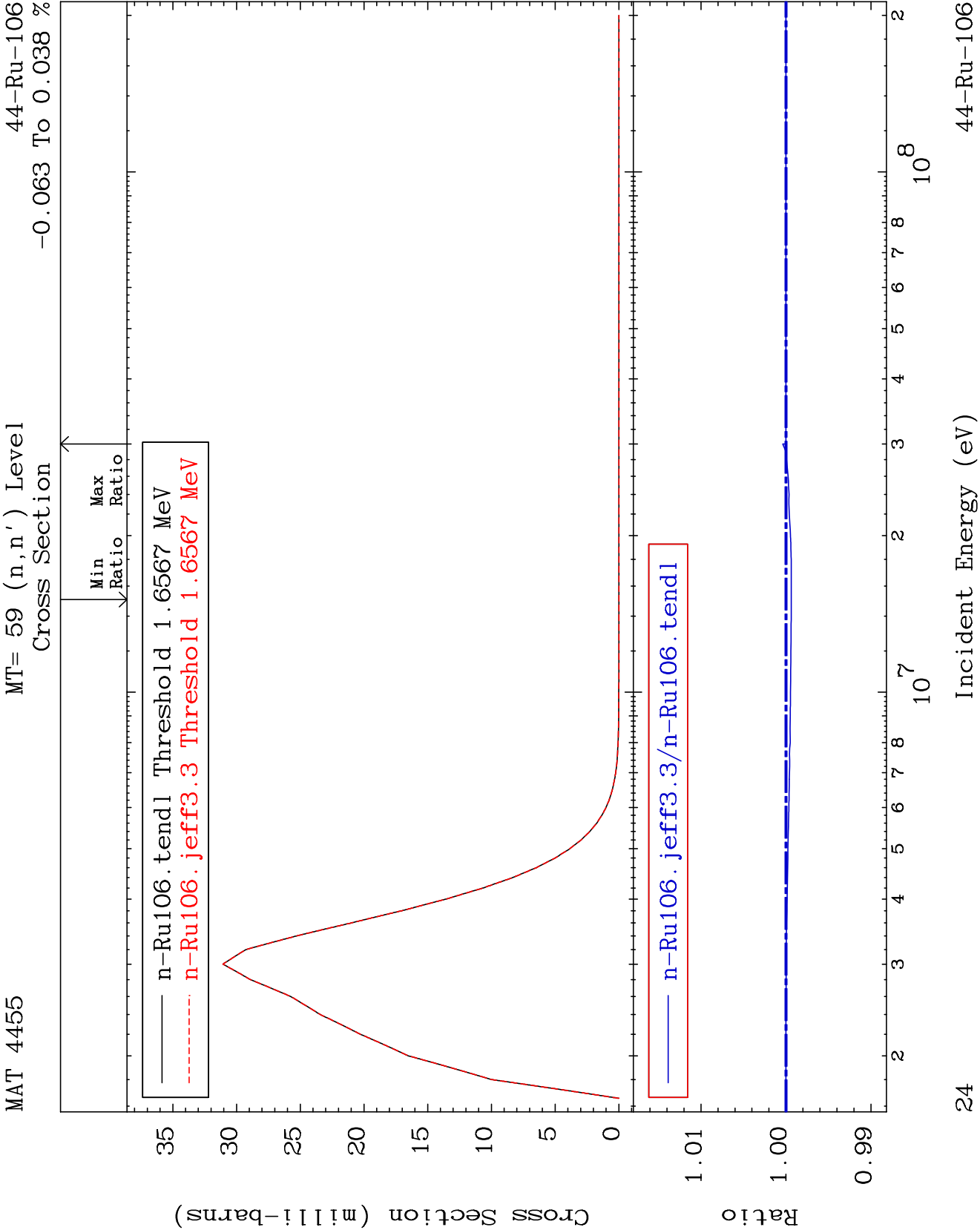
MAT 4455

MT= 58 (n,n') Level

44-Ru-106

-0.019 To 0.000 %





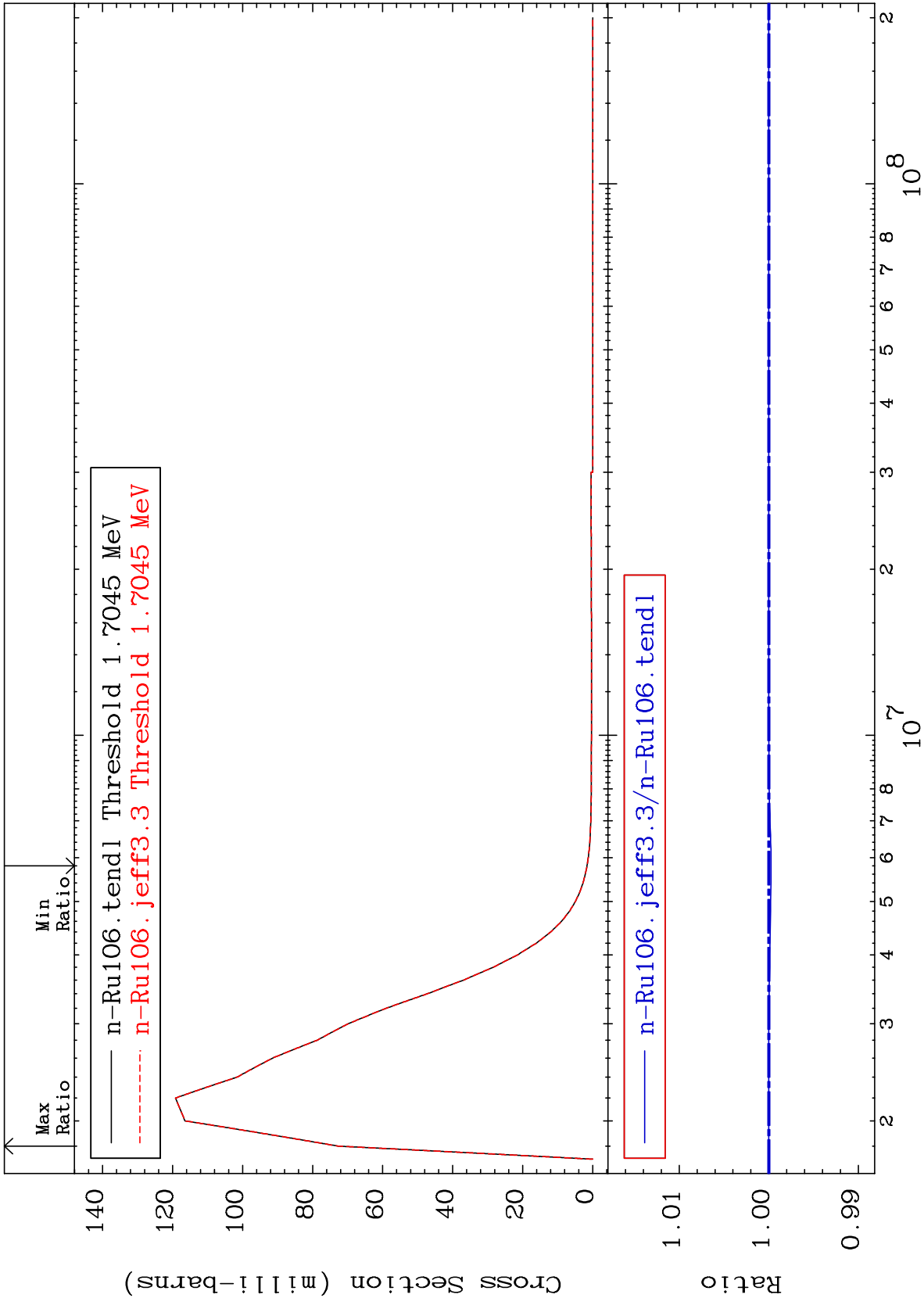
MAT 4455

MT= 60 (n,n') Level

44-Ru-106

-0.025 To 0.000 %

Cross Section



25

Incident Energy (eV)

44-Ru-106

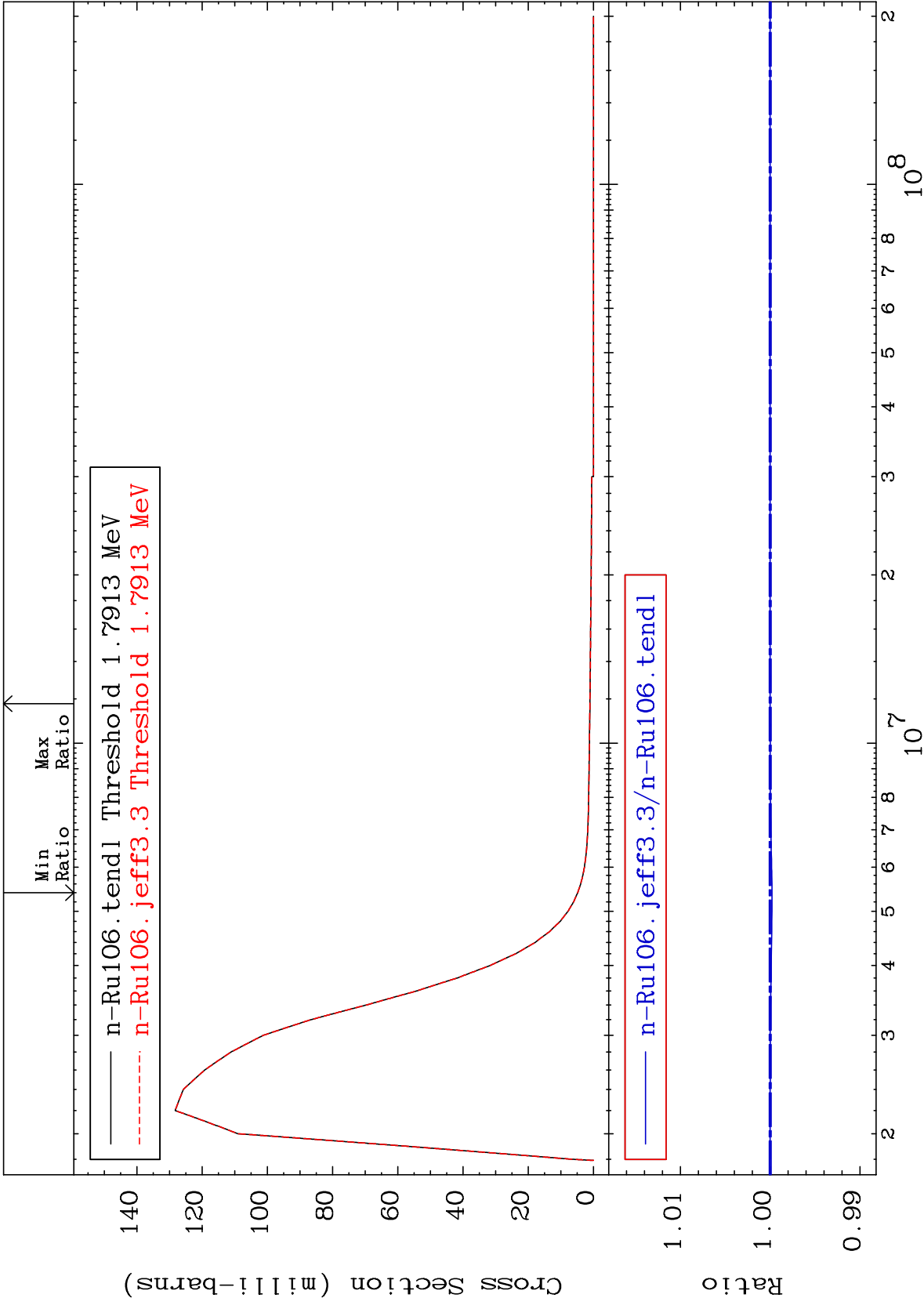
MAT 4455

MT= 61 (n,n') Level

44-Ru-106

-0.019 To 0.000 %

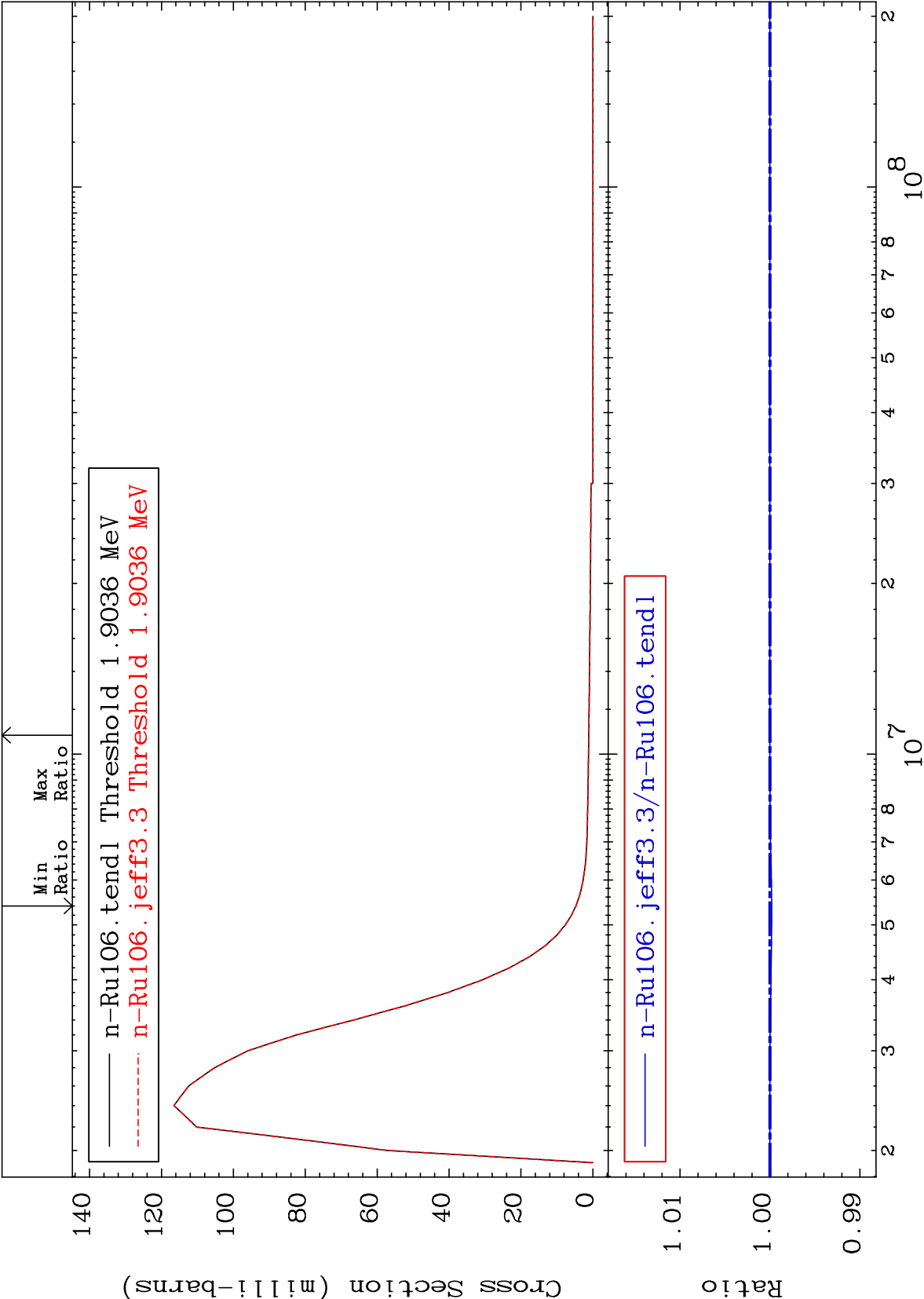
Cross Section



MAT 4455

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

44-Ru-106
-0.019 To 0.000 %

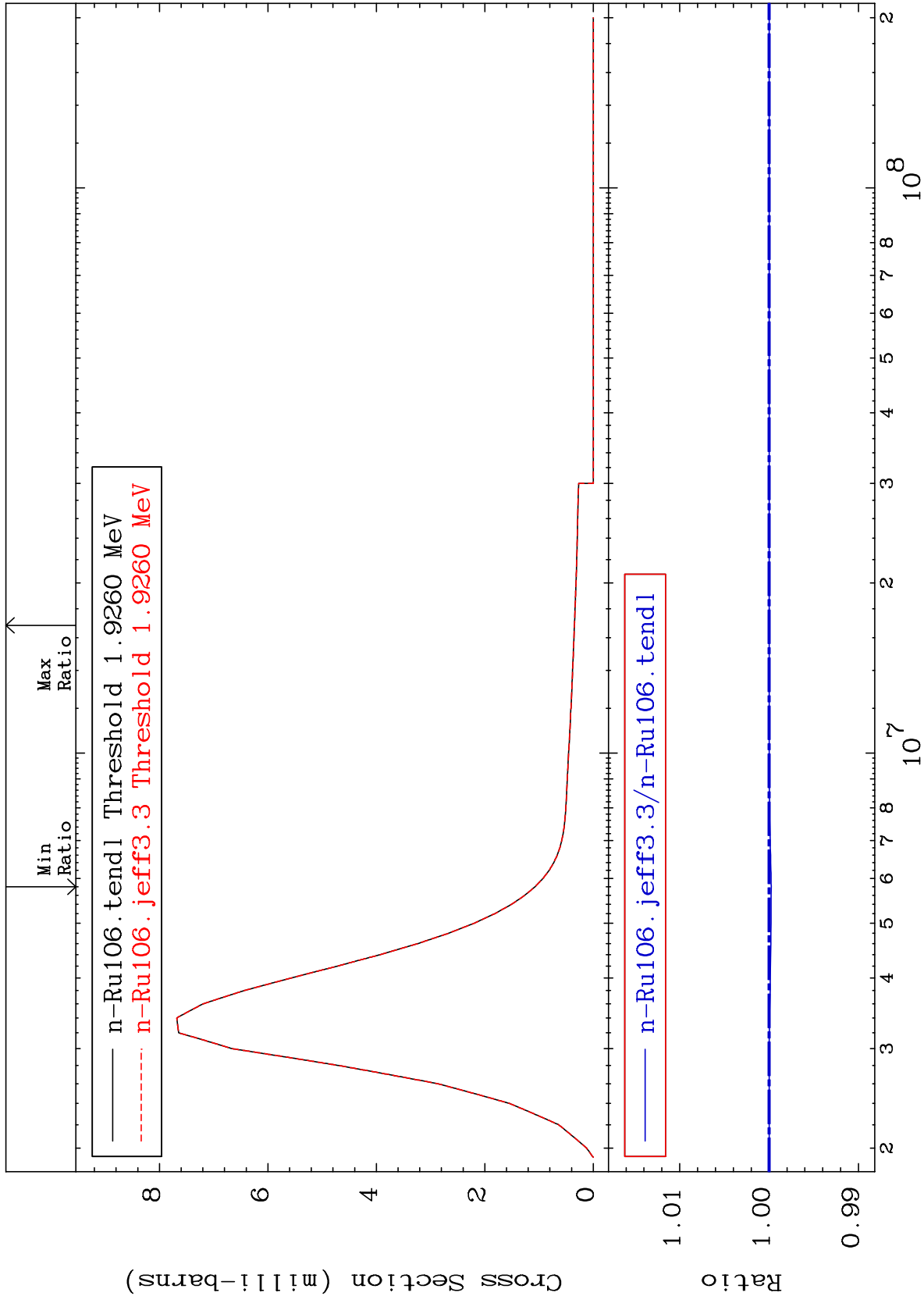


MAT 4455

MT= 63 (n,n') Level

44-Ru-106

-0.023 To 0.000 %



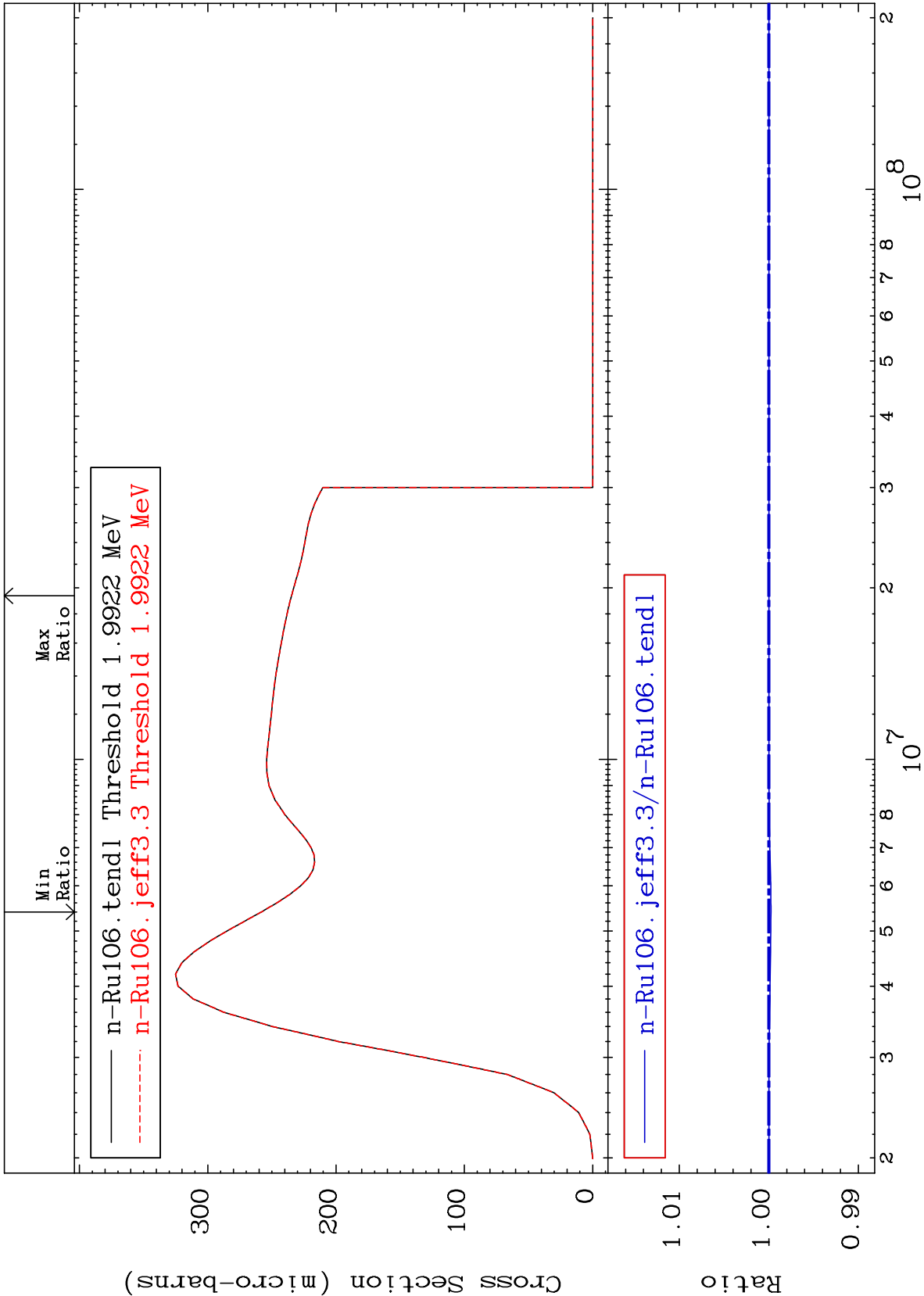
MAT 4455

MT= 64 (n,n') Level

44-Ru-106

-0.023 To 0.000 %

Cross Section



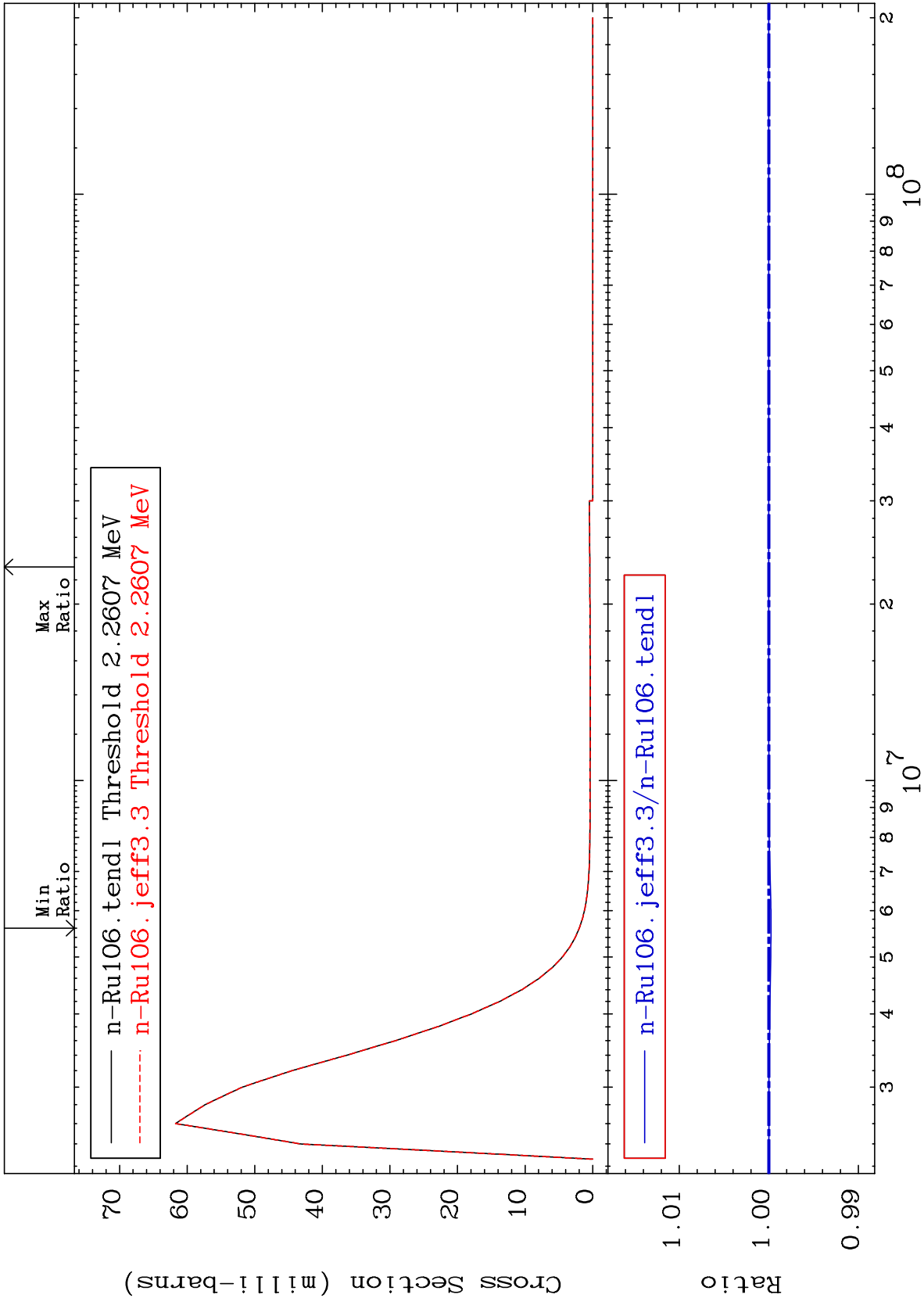
MAT 4455

MT= 66 (n,n') Level

44-Ru-106

-0.024 To 0.000 %

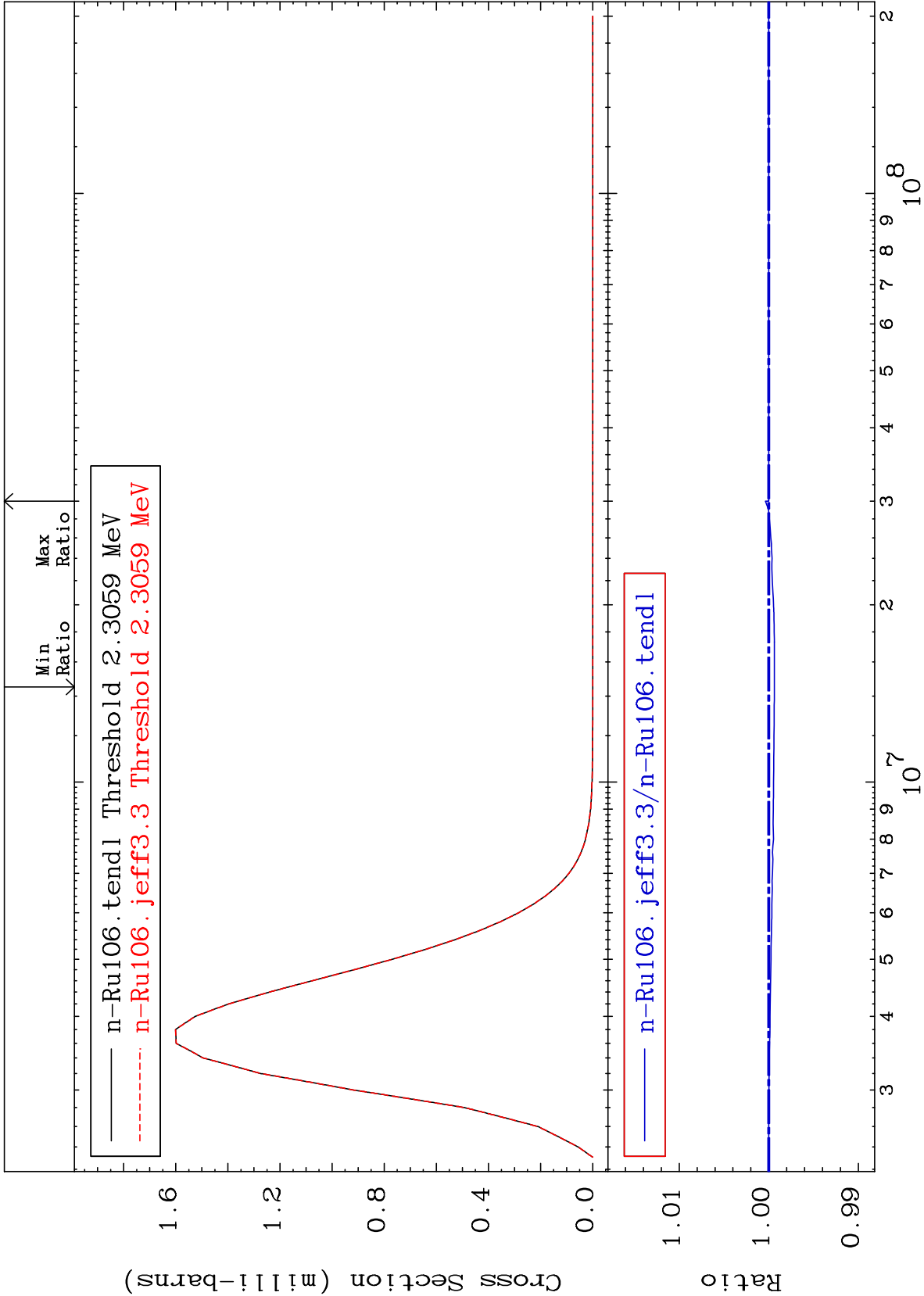
Cross Section



30

Incident Energy (eV)

44-Ru-106



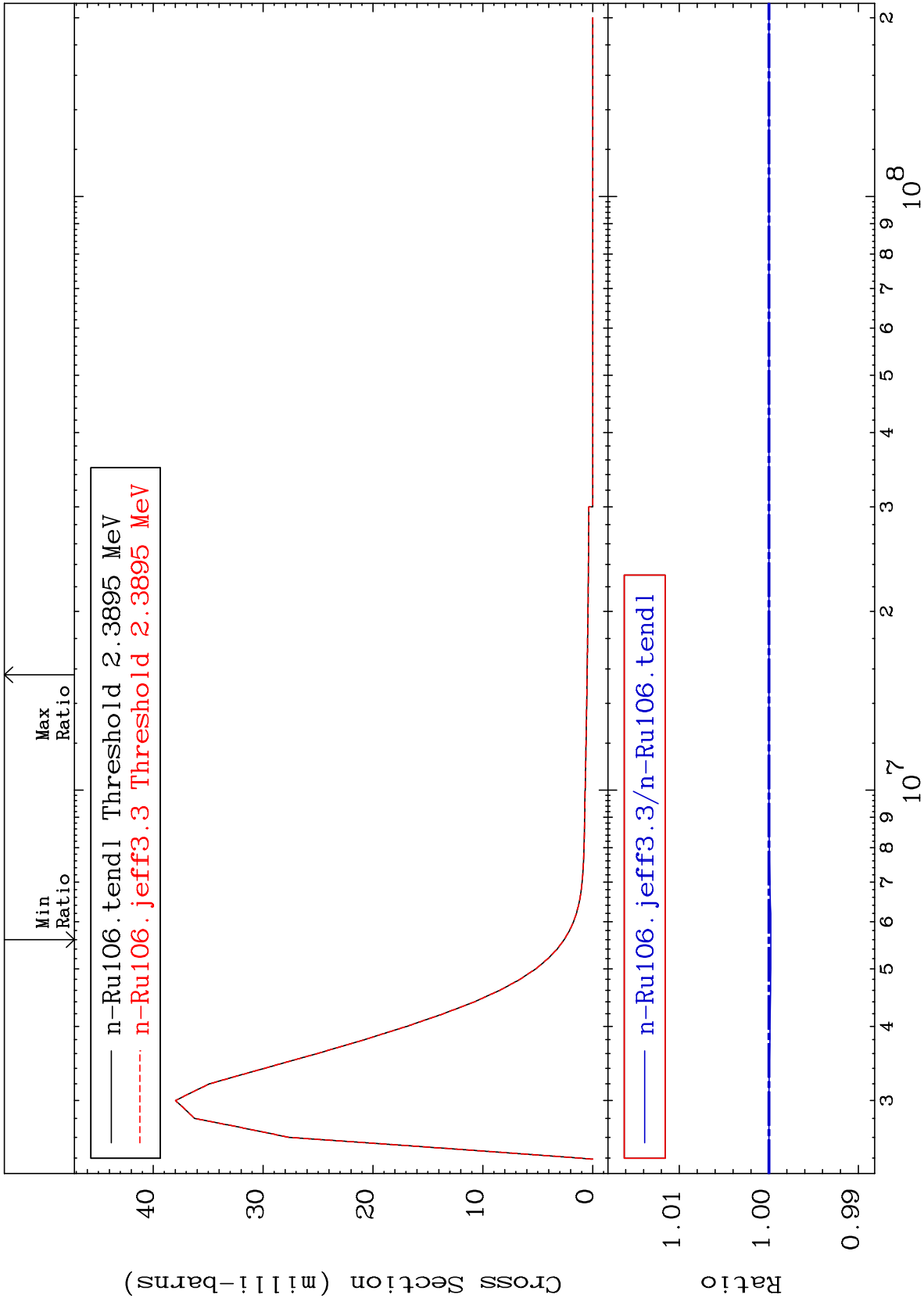
MAT 4455

MT= 68 (n,n') Level

44-Ru-106

-0.022 To 0.000 %

Cross Section



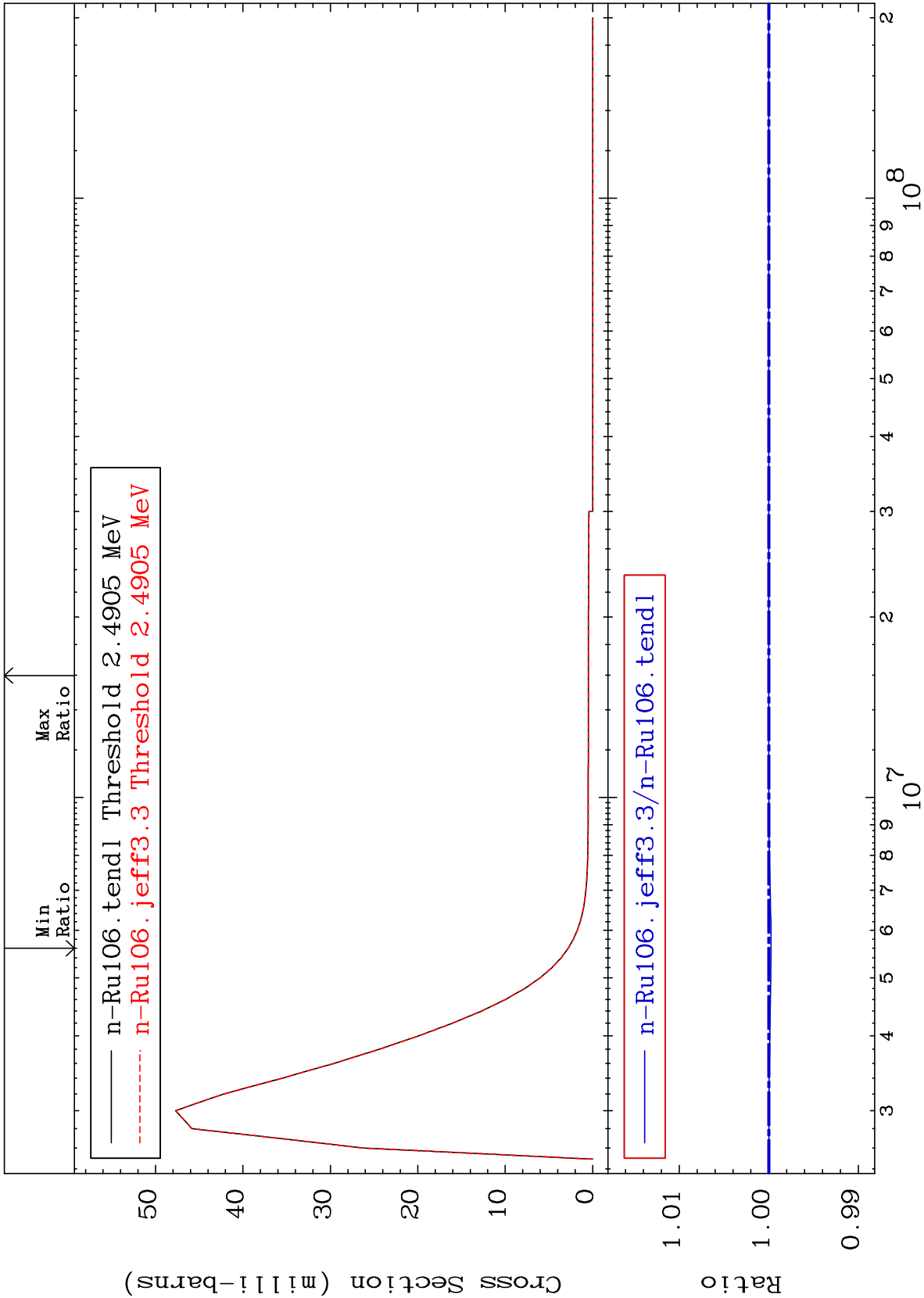
MAT 4455

MT= 69 (n,n') Level

44-Ru-106

-0.025 To 0.000 %

Cross Section



33

Incident Energy (eV)

44-Ru-106

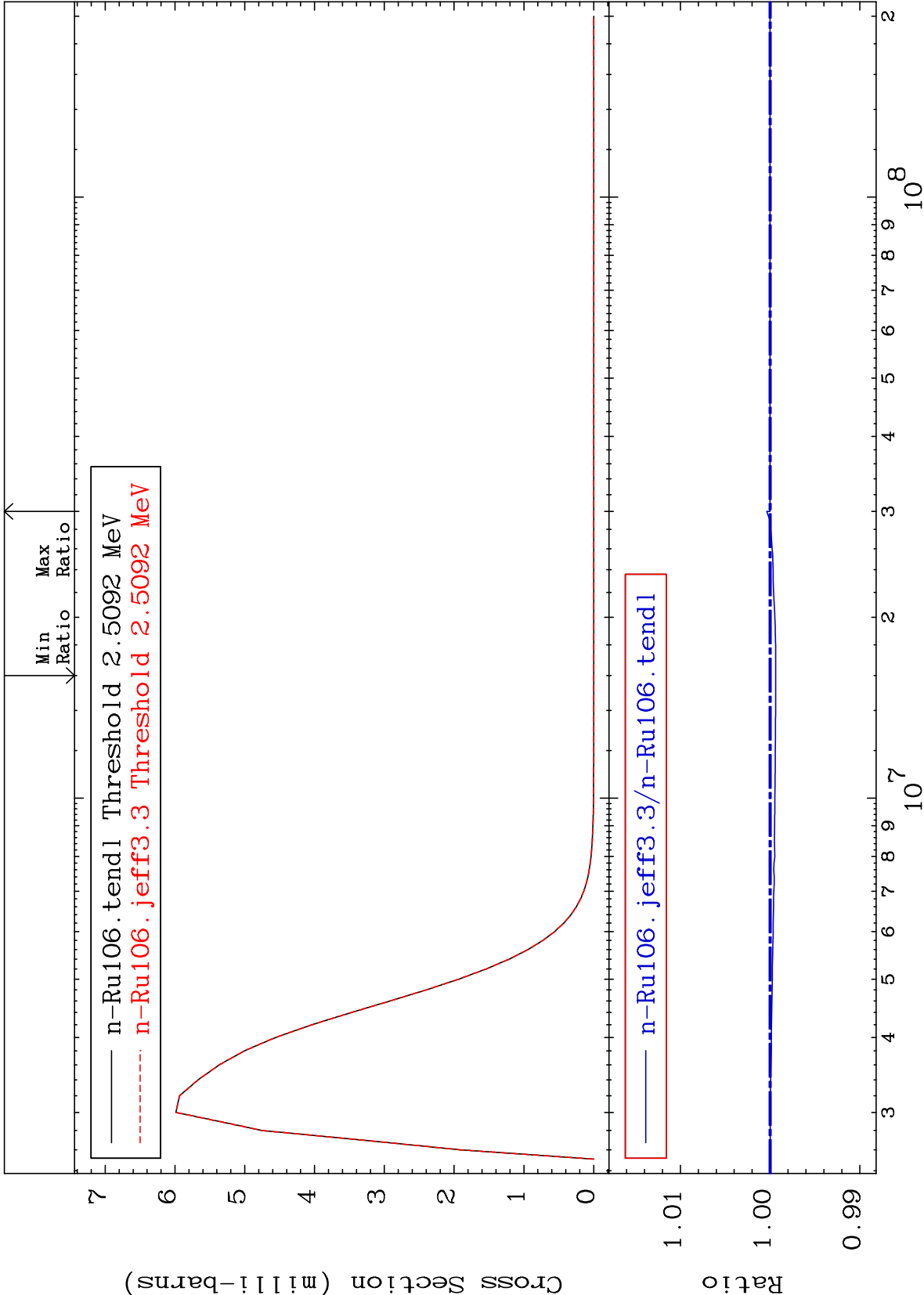
MAT 4455

MT= 70 (n,n') Level

44-Ru-106

-0.063 To 0.037 %

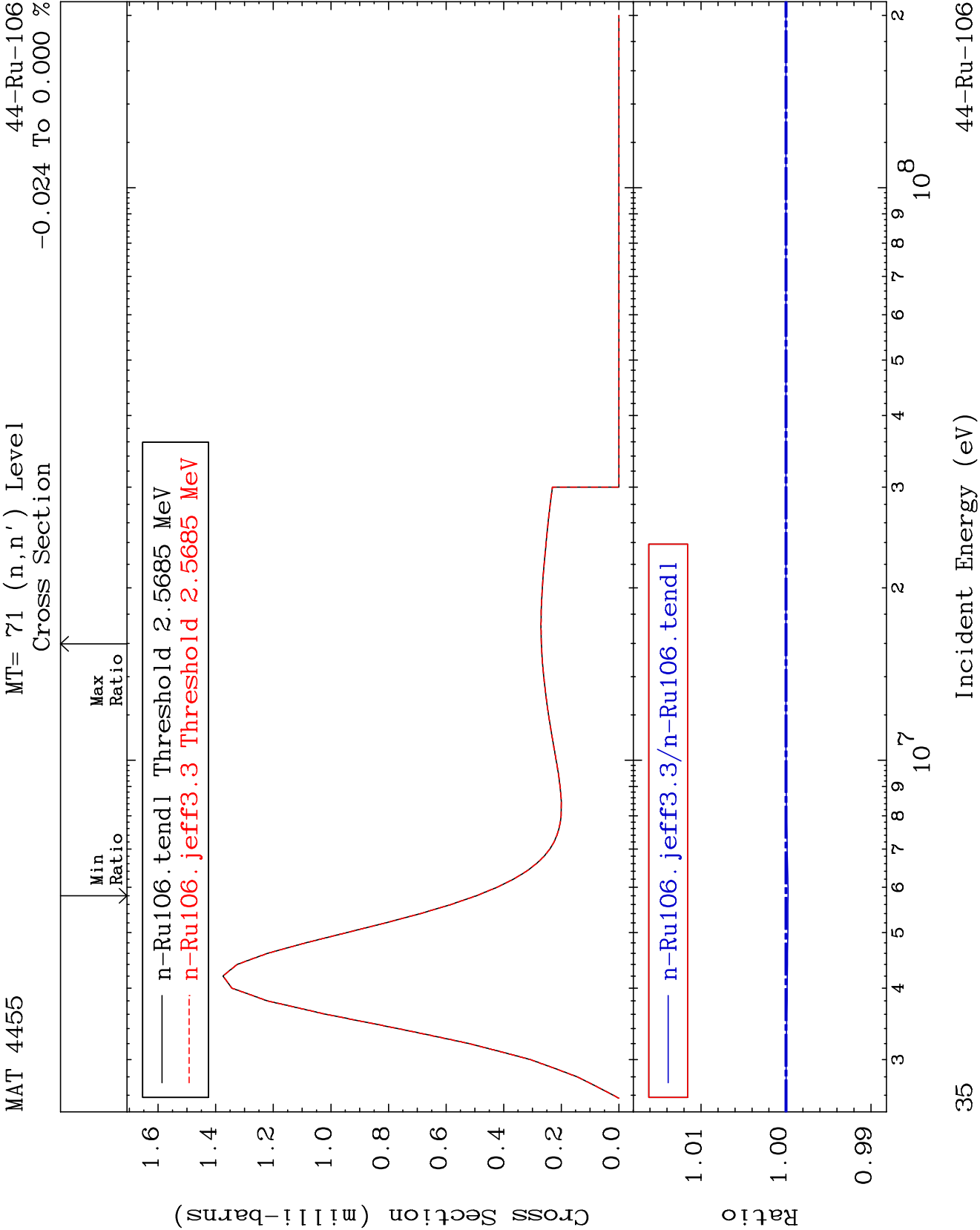
Cross Section



34

Incident Energy (eV)

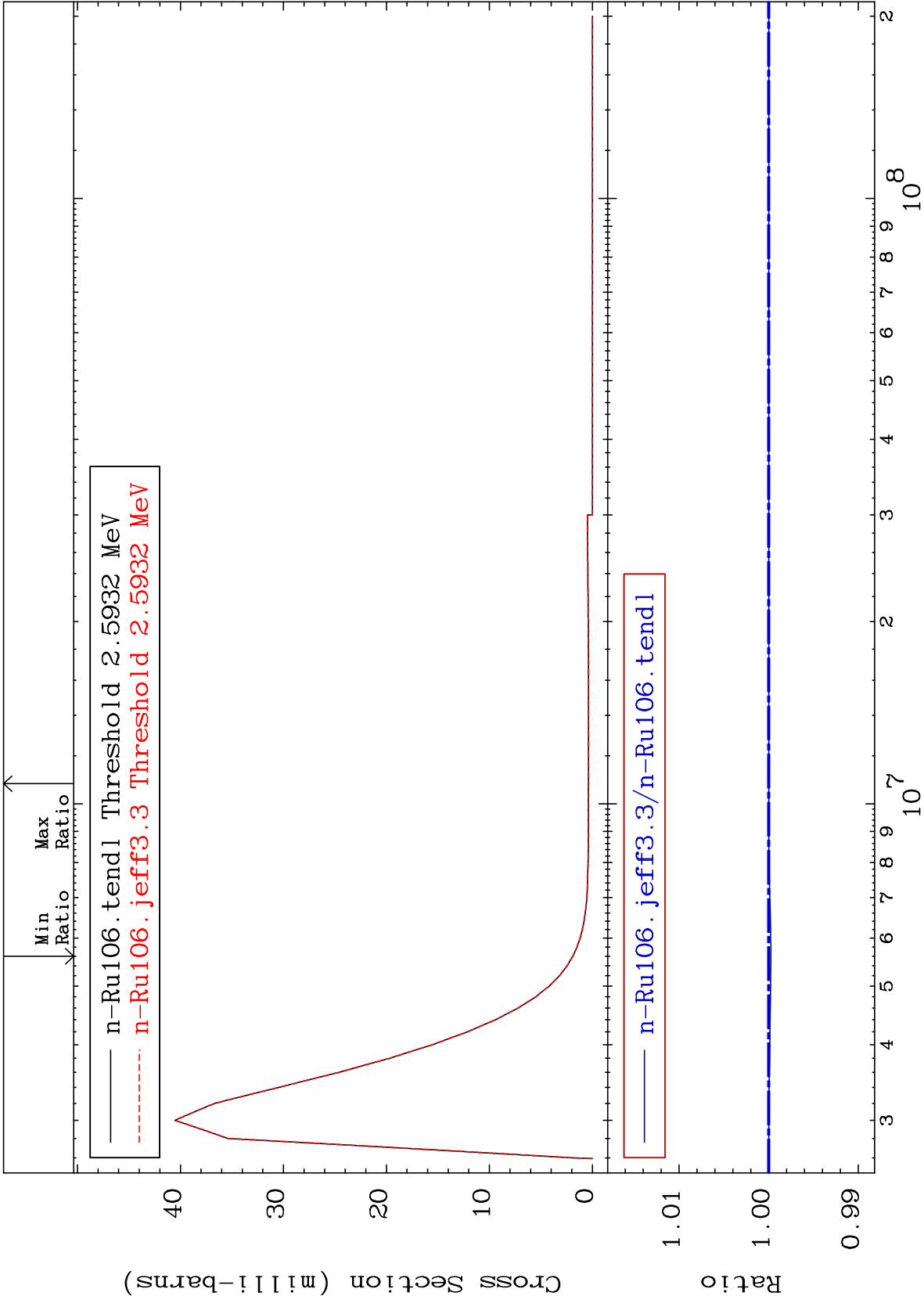
44-Ru-106



MAT 4455

MT= 72 (n,n') Level
Cross Section

44-Ru-106
-0.024 To 0.000 %



36

Incident Energy (eV)

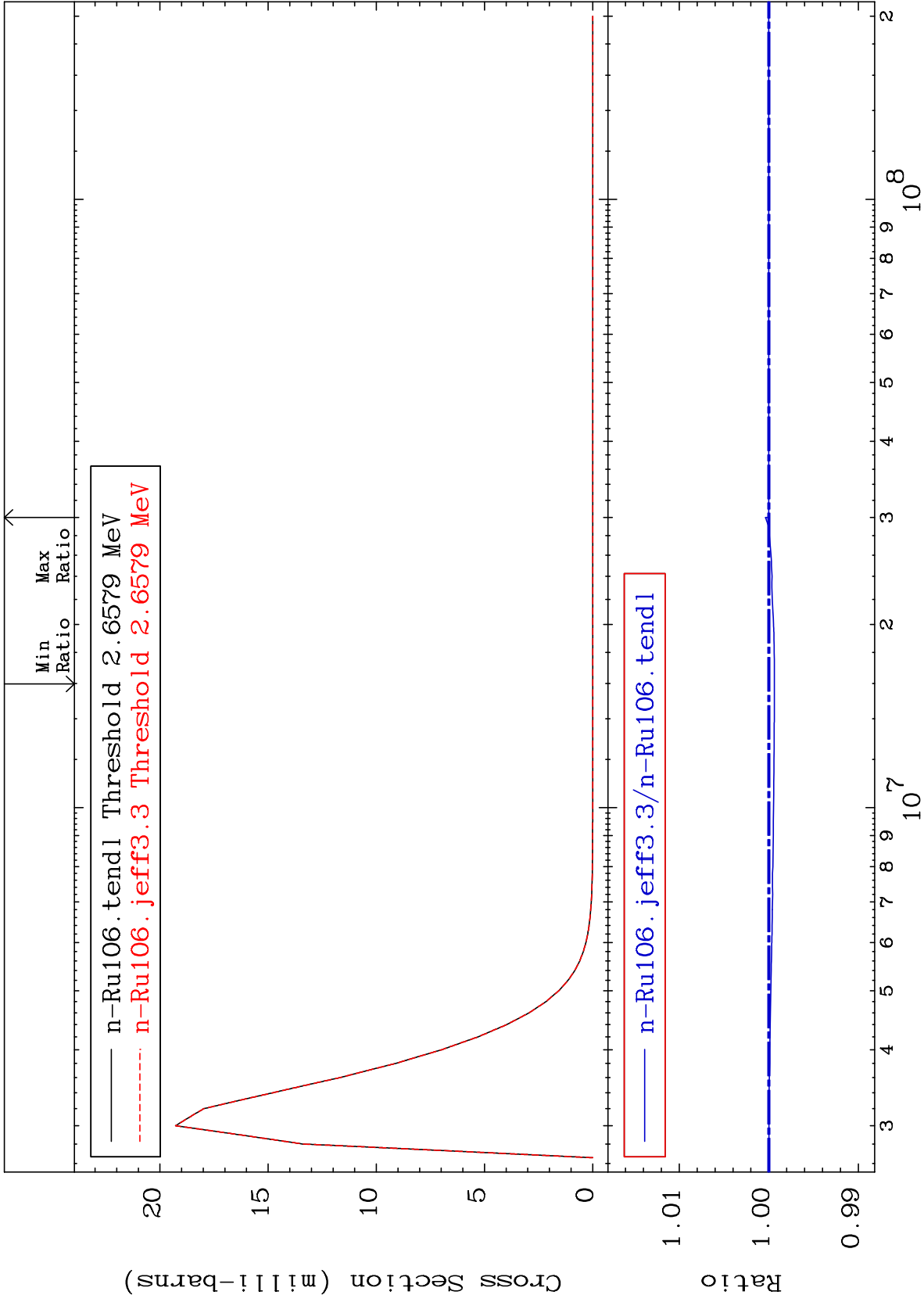
44-Ru-106

MAT 4455

MT= 73 (n,n') Level

44-Ru-106

-0.062 To 0.037 %



37

Incident Energy (eV)

44-Ru-106

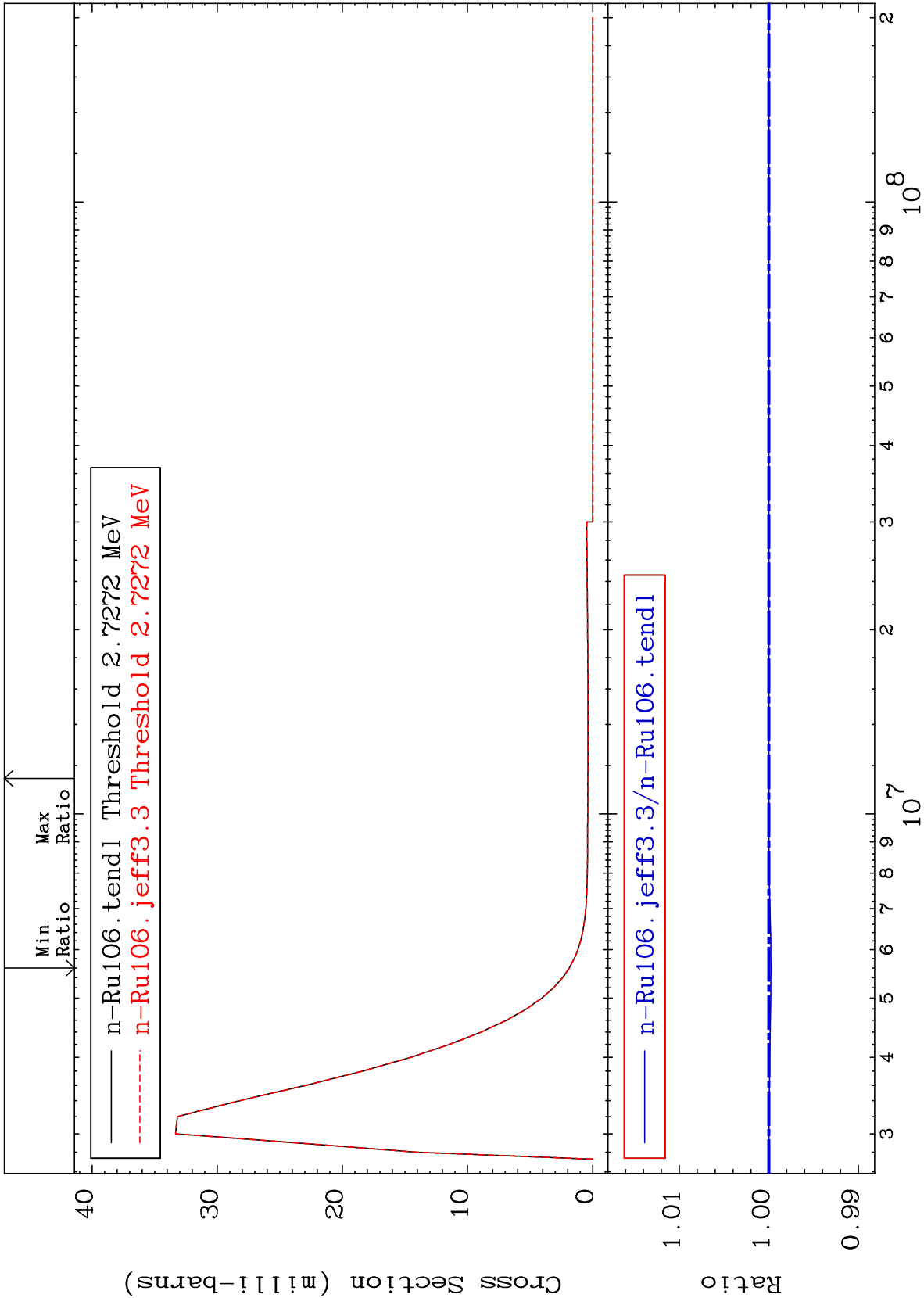
MAT 4455

MT= 74 (n,n') Level

44-Ru-106

-0.024 To 0.000 %

Cross Section



38

Incident Energy (eV)

44-Ru-106

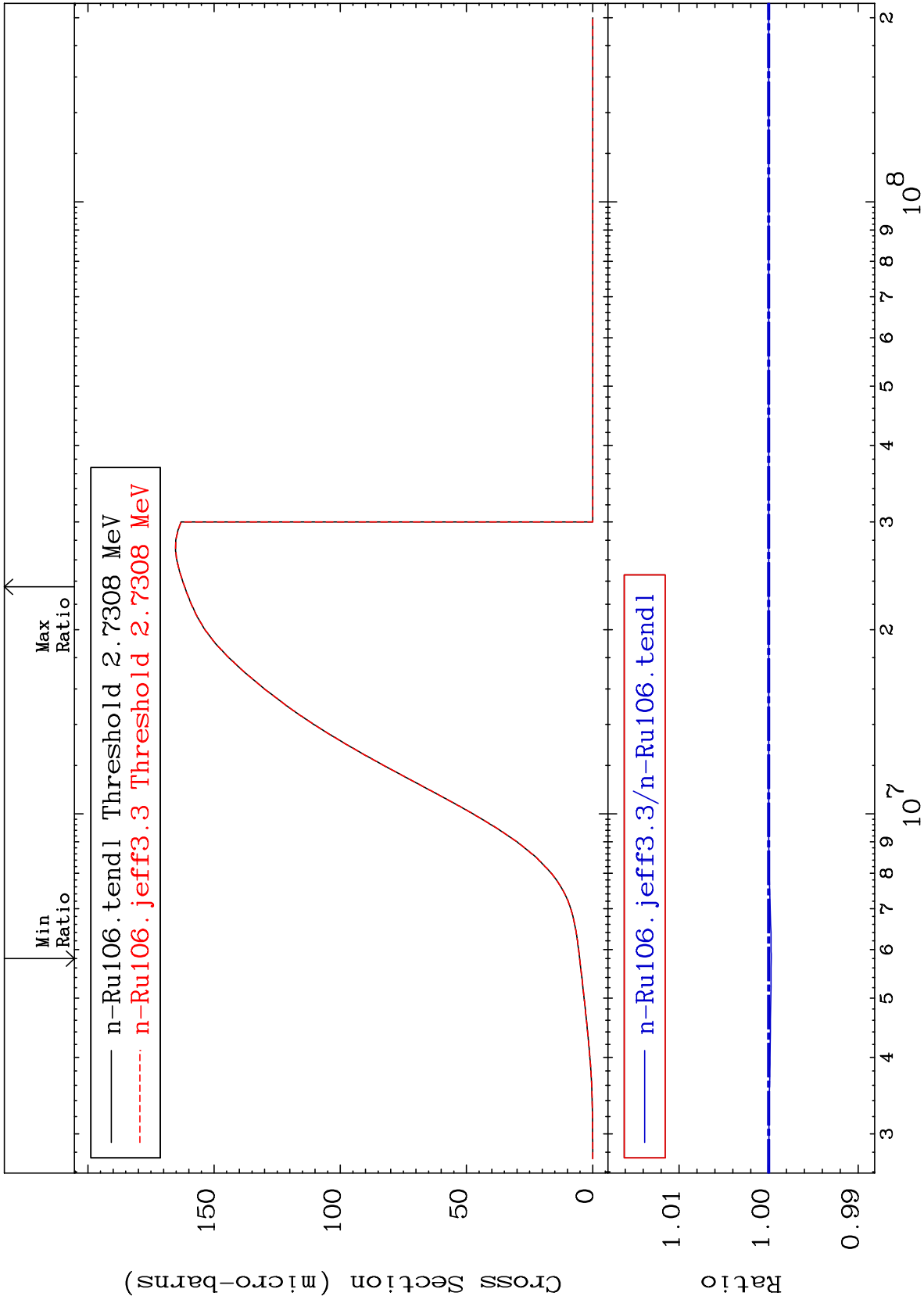
MAT 4455

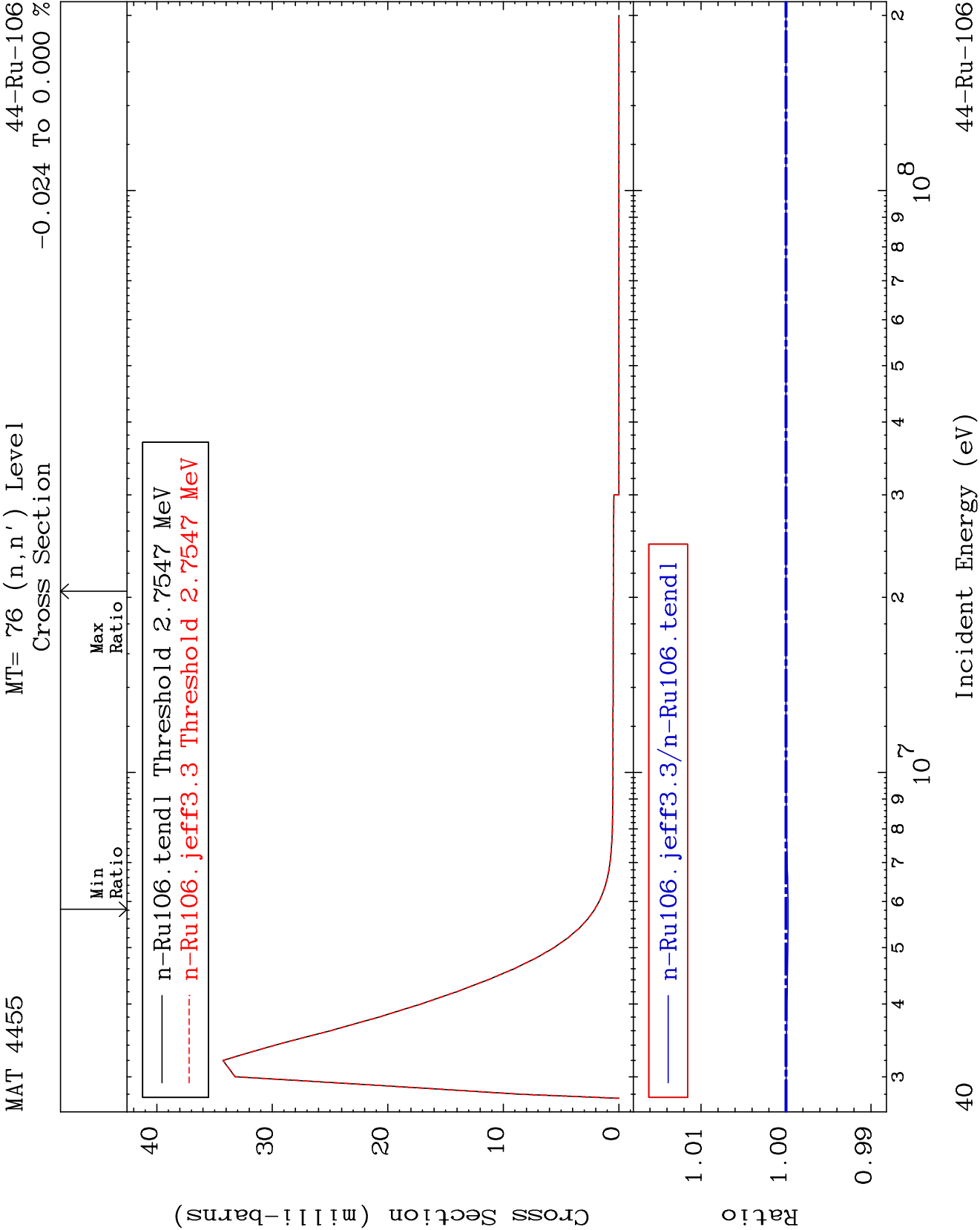
MT= 75 (n,n') Level

44-Ru-106

-0.028 To 0.000 %

Cross Section



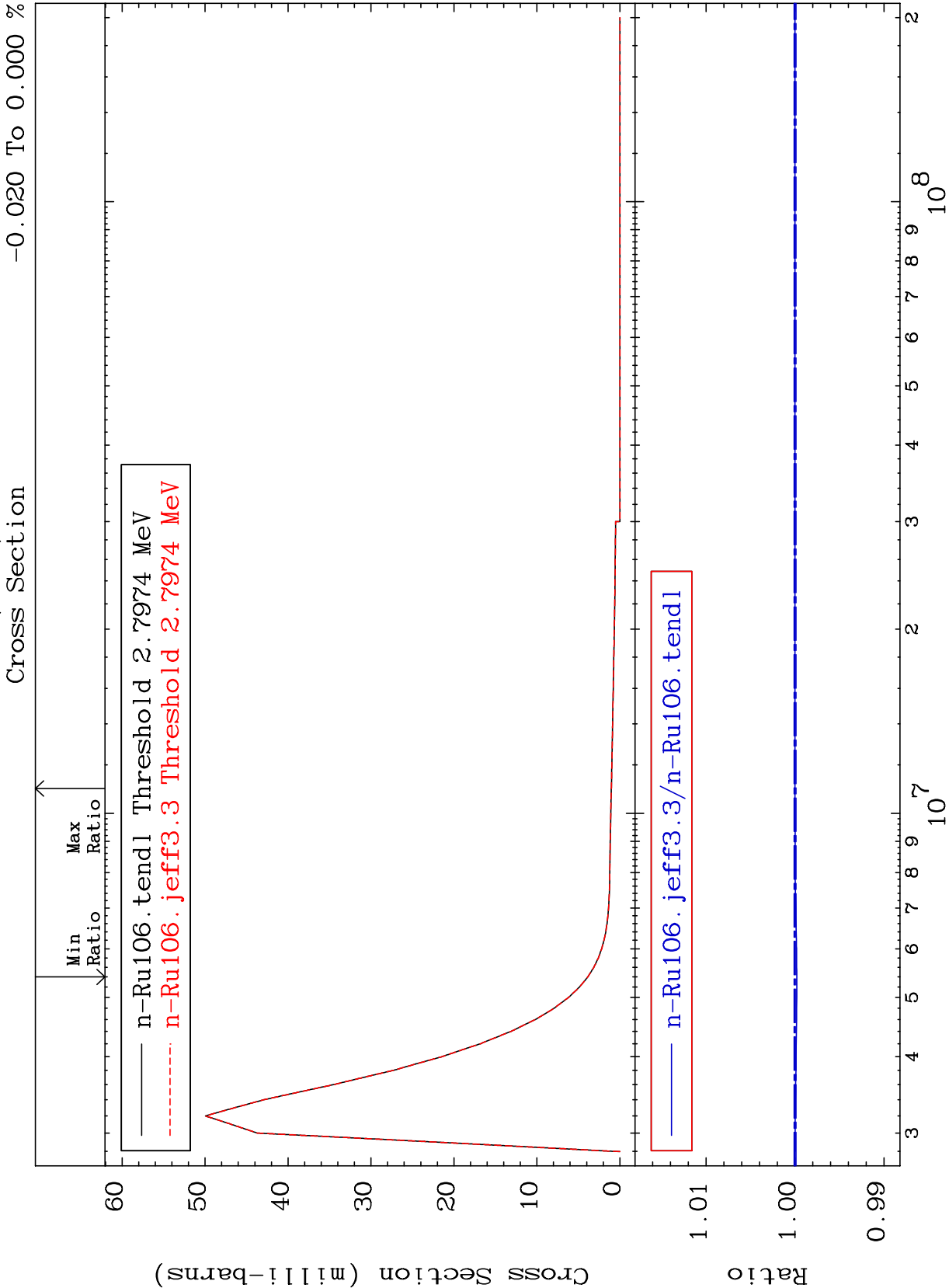


MAT 4455

MT= 77 (n,n') Level

44-Ru-106

-0.020 To 0.000 %



41

Incident Energy (eV)

44-Ru-106

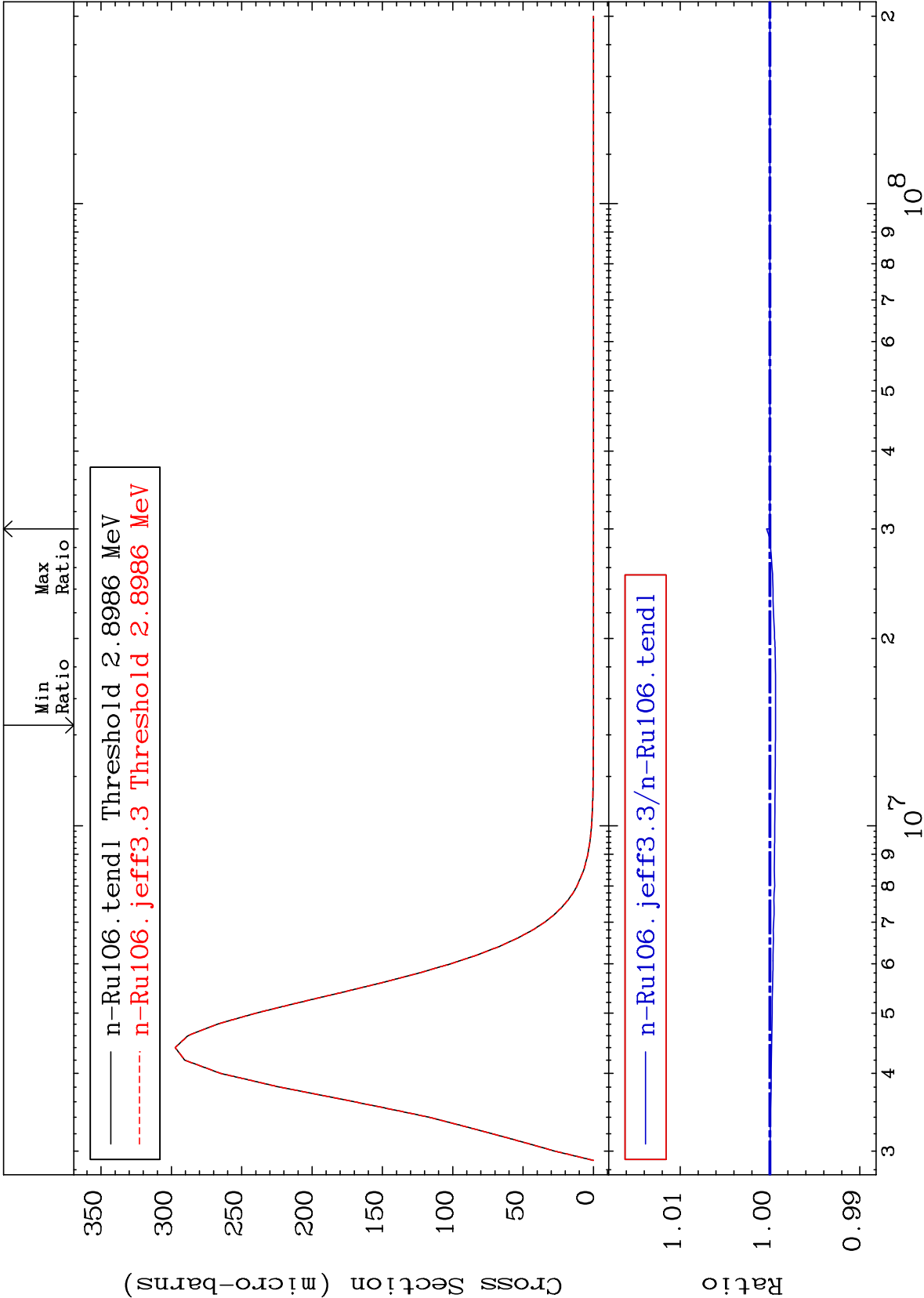
MAT 4455

MT= 78 (n,n') Level

44-Ru-106

-0.063 To 0.037 %

Cross Section



42

Incident Energy (eV)

44-Ru-106

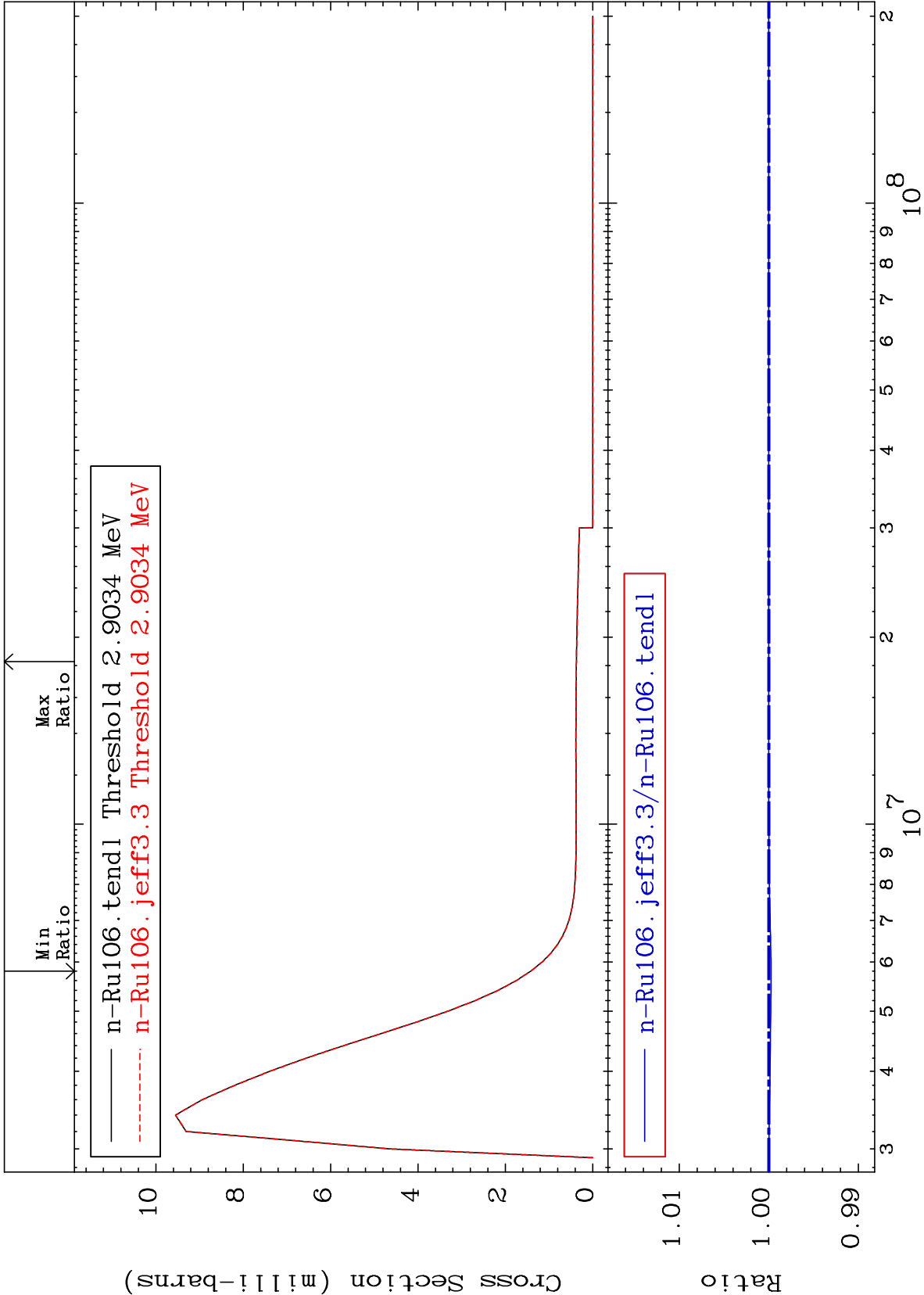
MAT 4455

MT= 79 (n,n') Level

44-Ru-106

-0.025 To 0.000 %

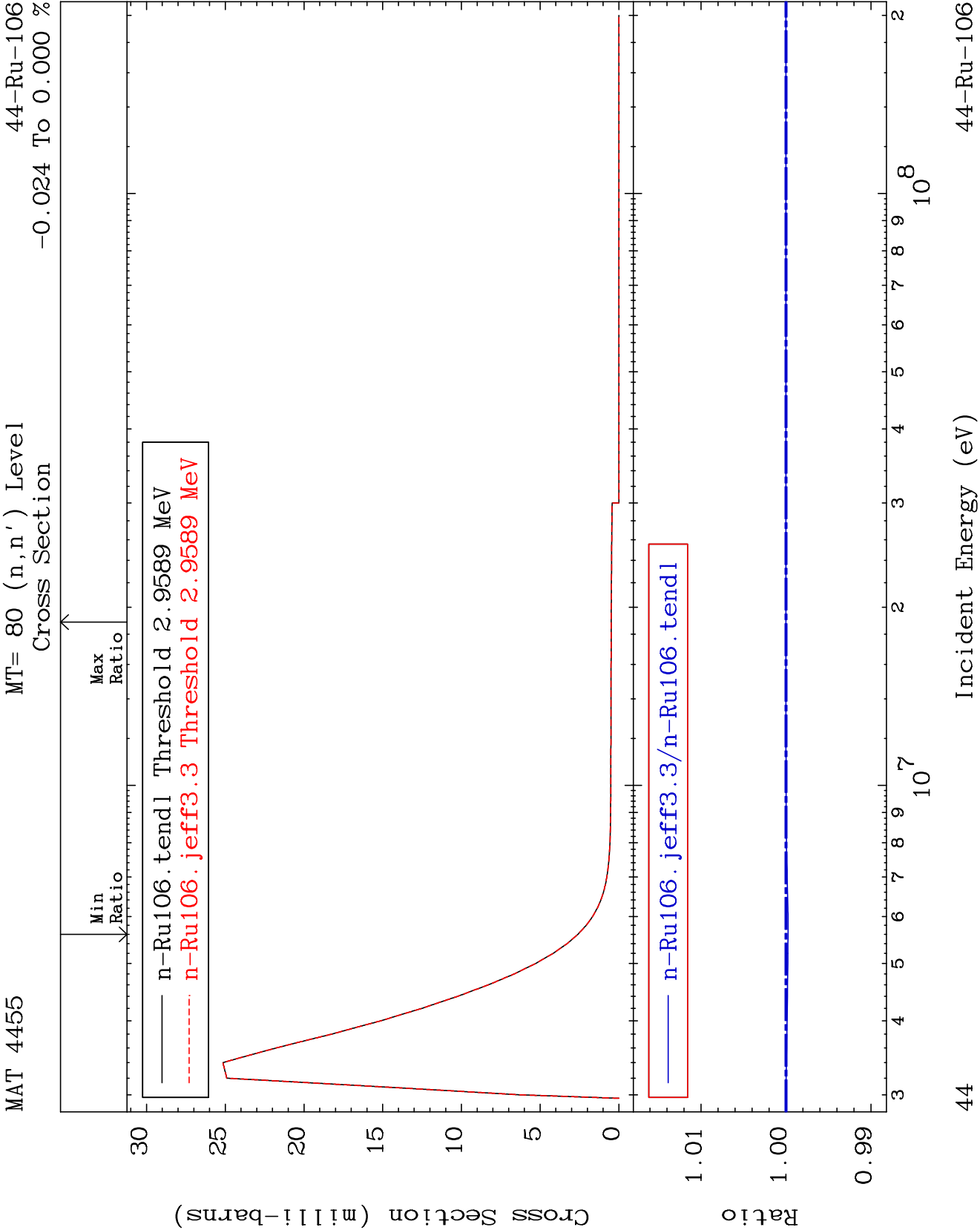
Cross Section



43

Incident Energy (eV)

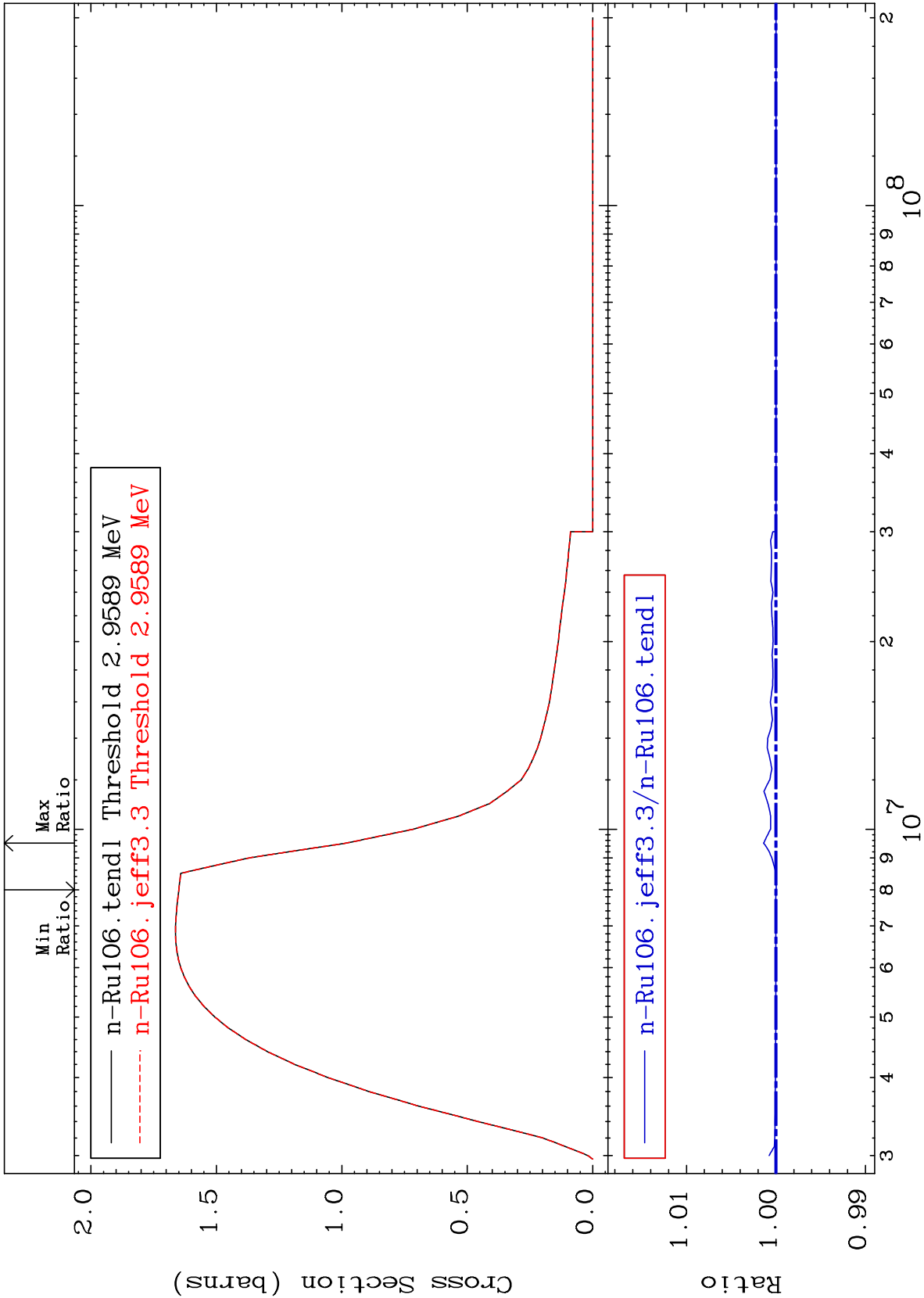
44-Ru-106



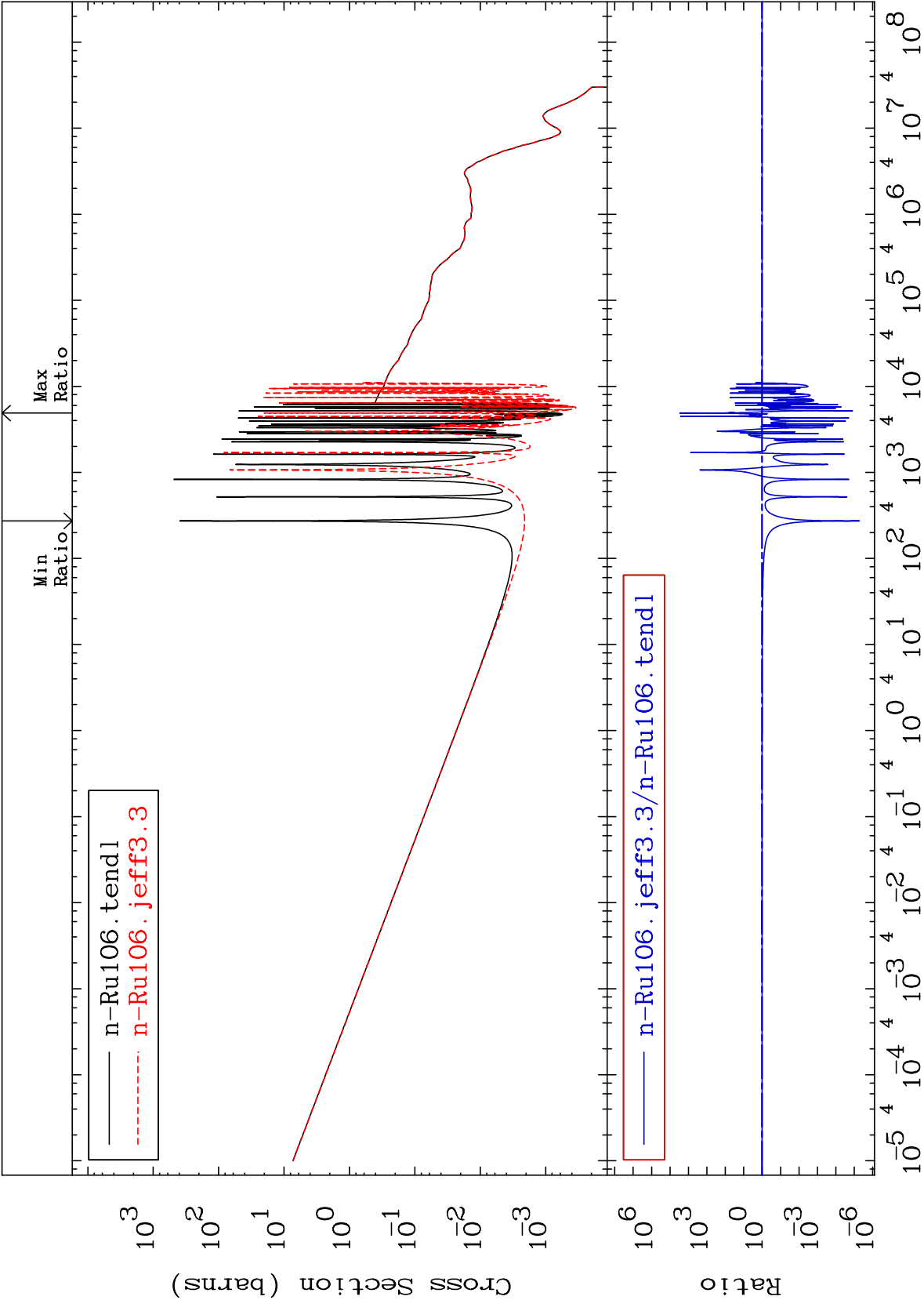
MAT 4455

(n,n') Continuum
Cross Section

44-Ru-106
-0.003 To 0.138 %



45



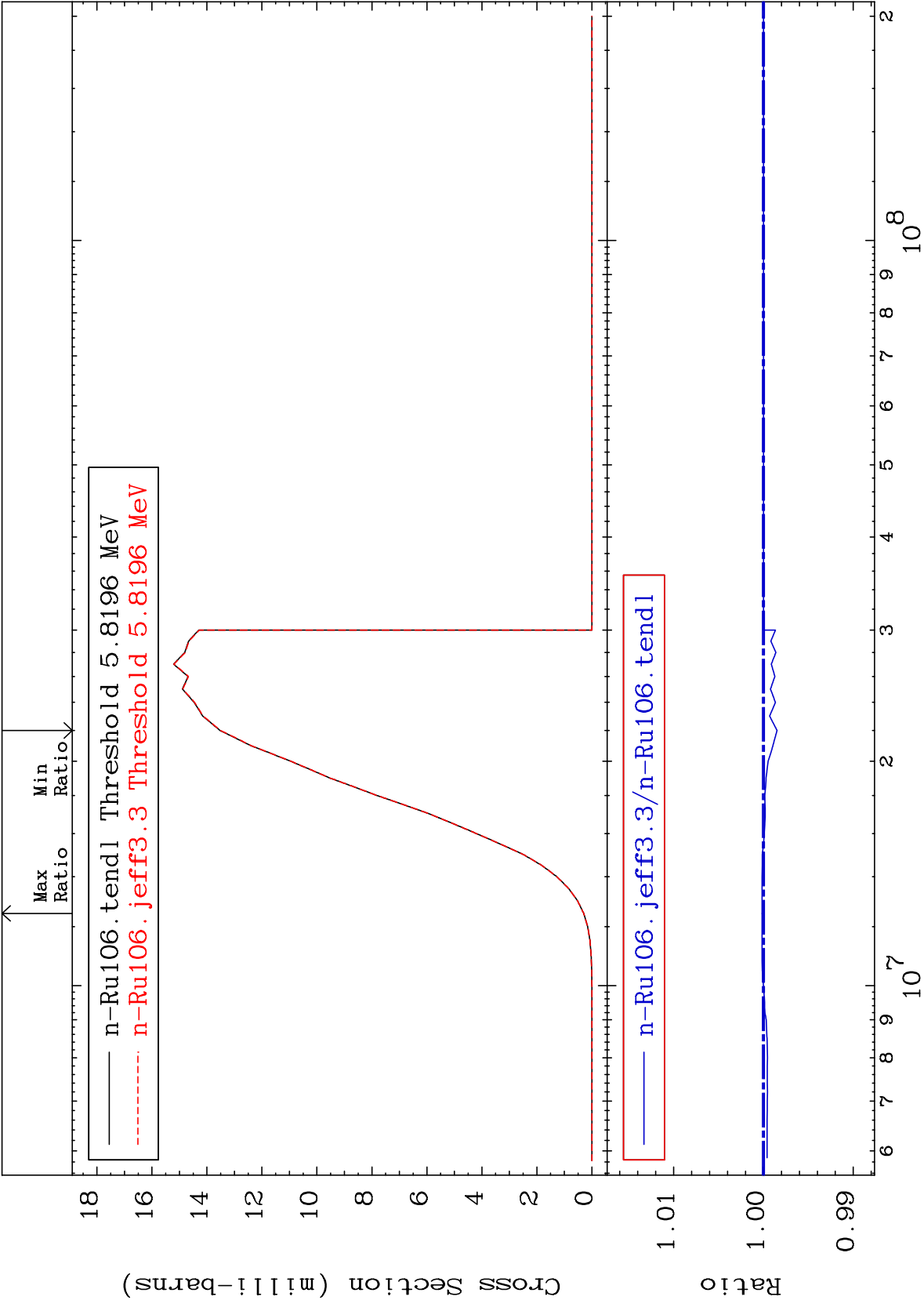
MAT 4455

44-Ru-106

(n,p)

Cross Section

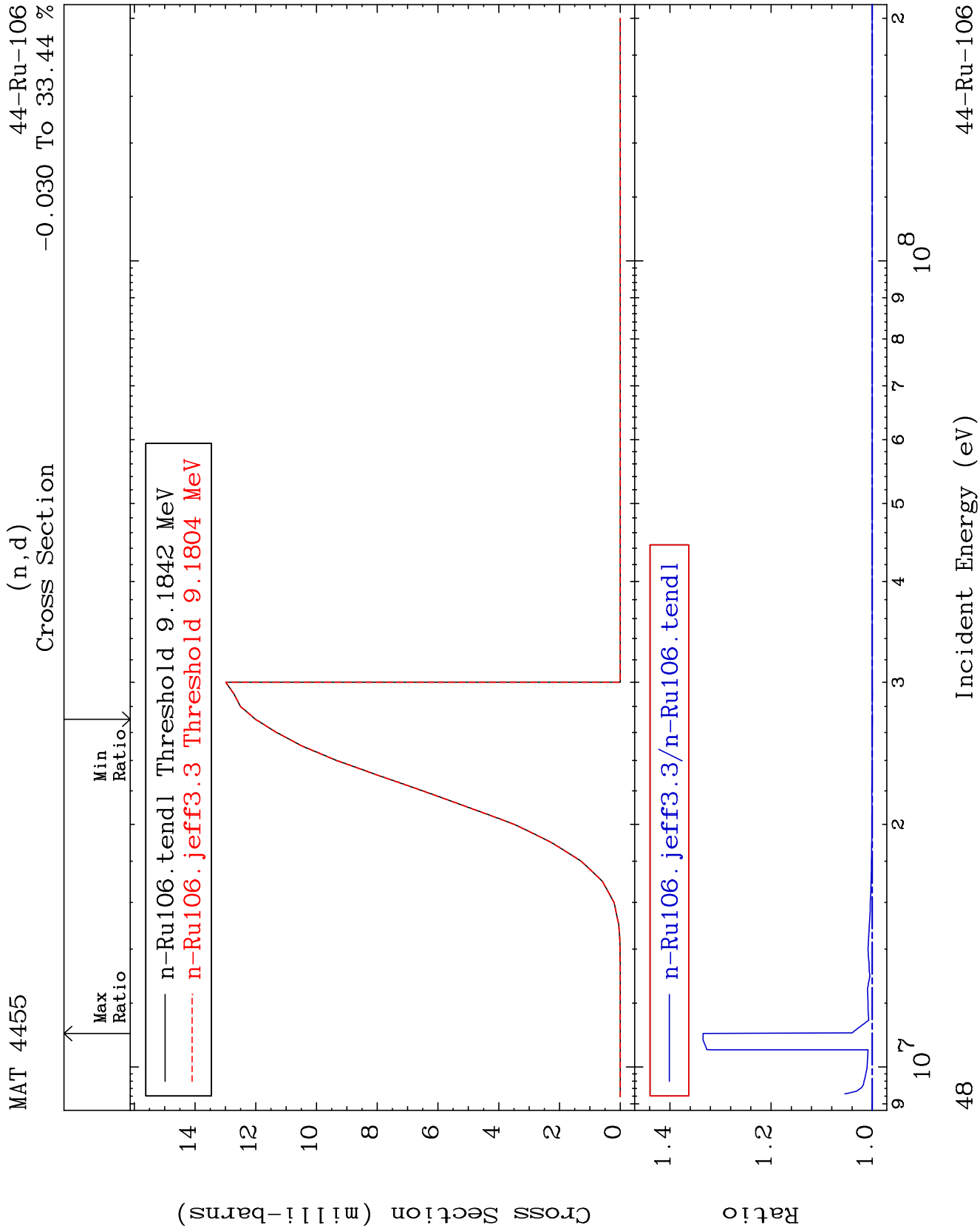
-0.151 To 0.016 %

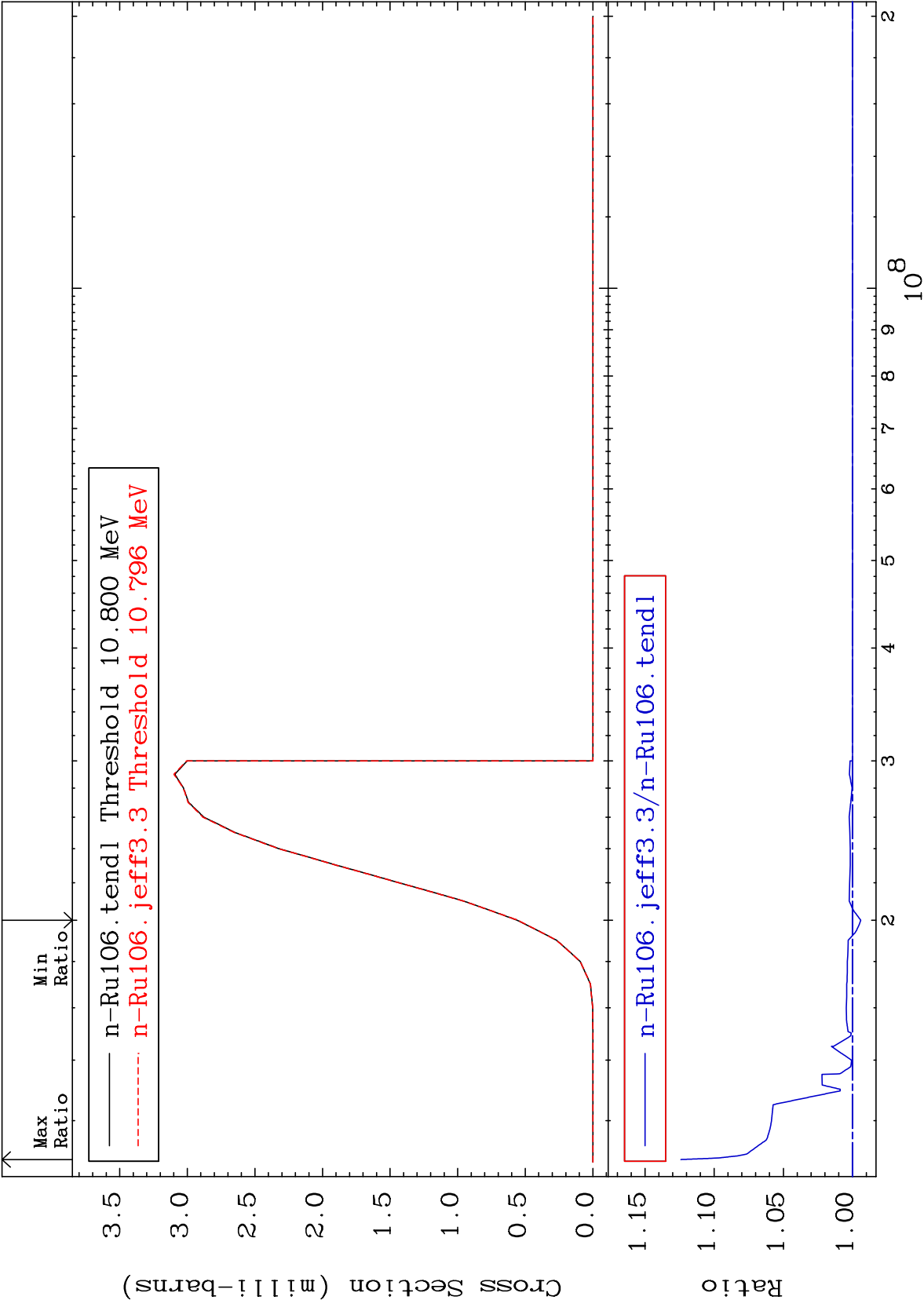


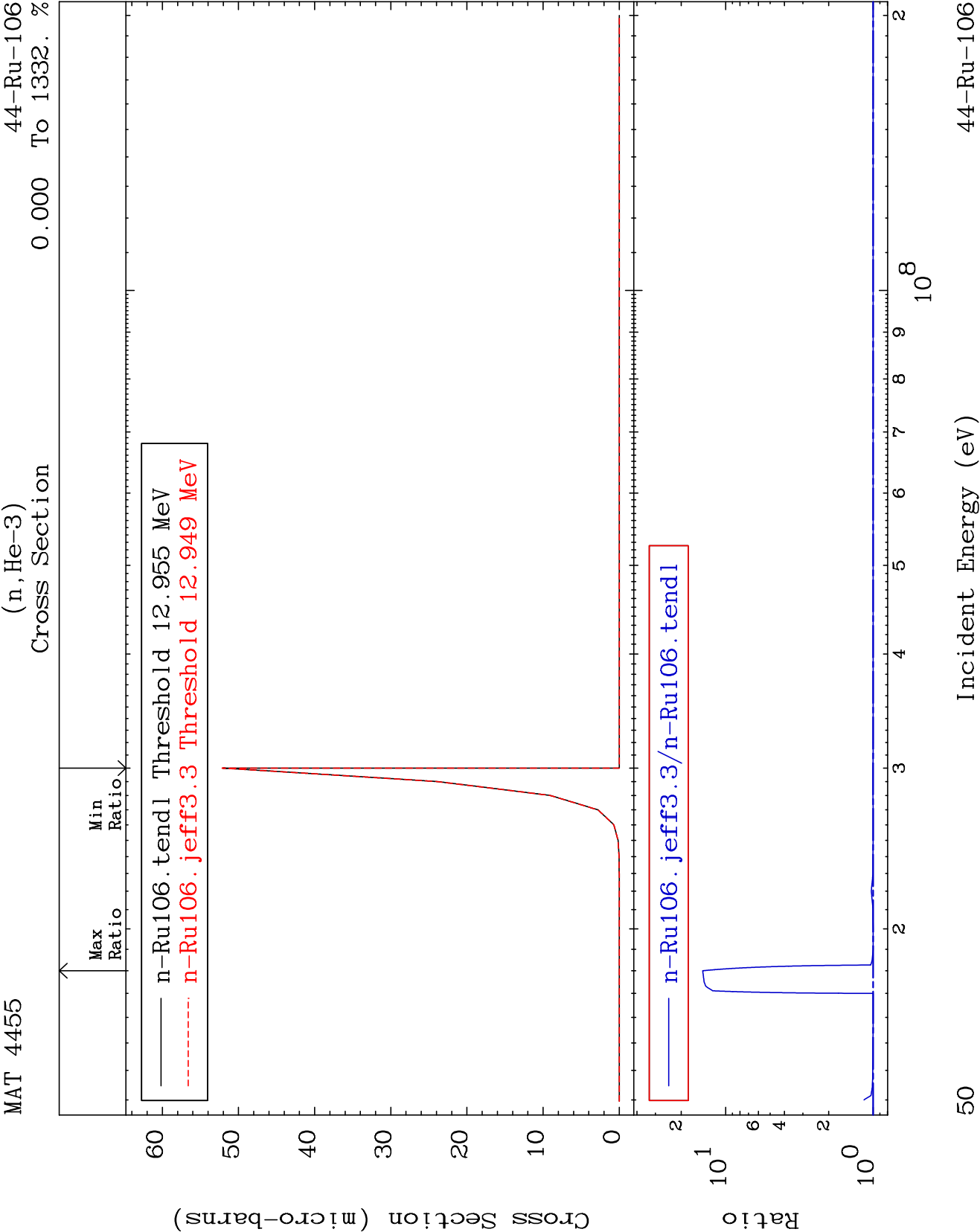
47

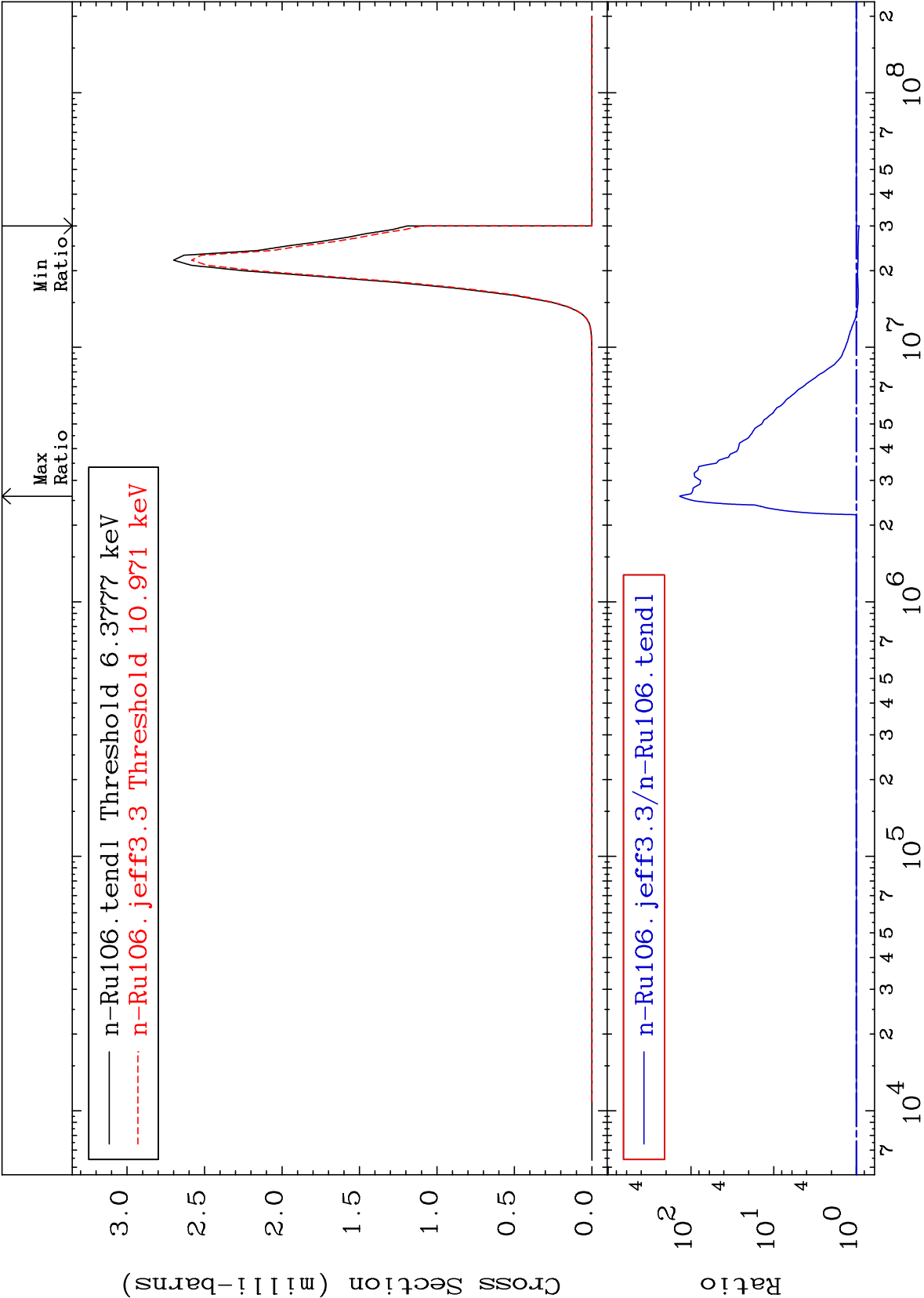
Incident Energy (eV)

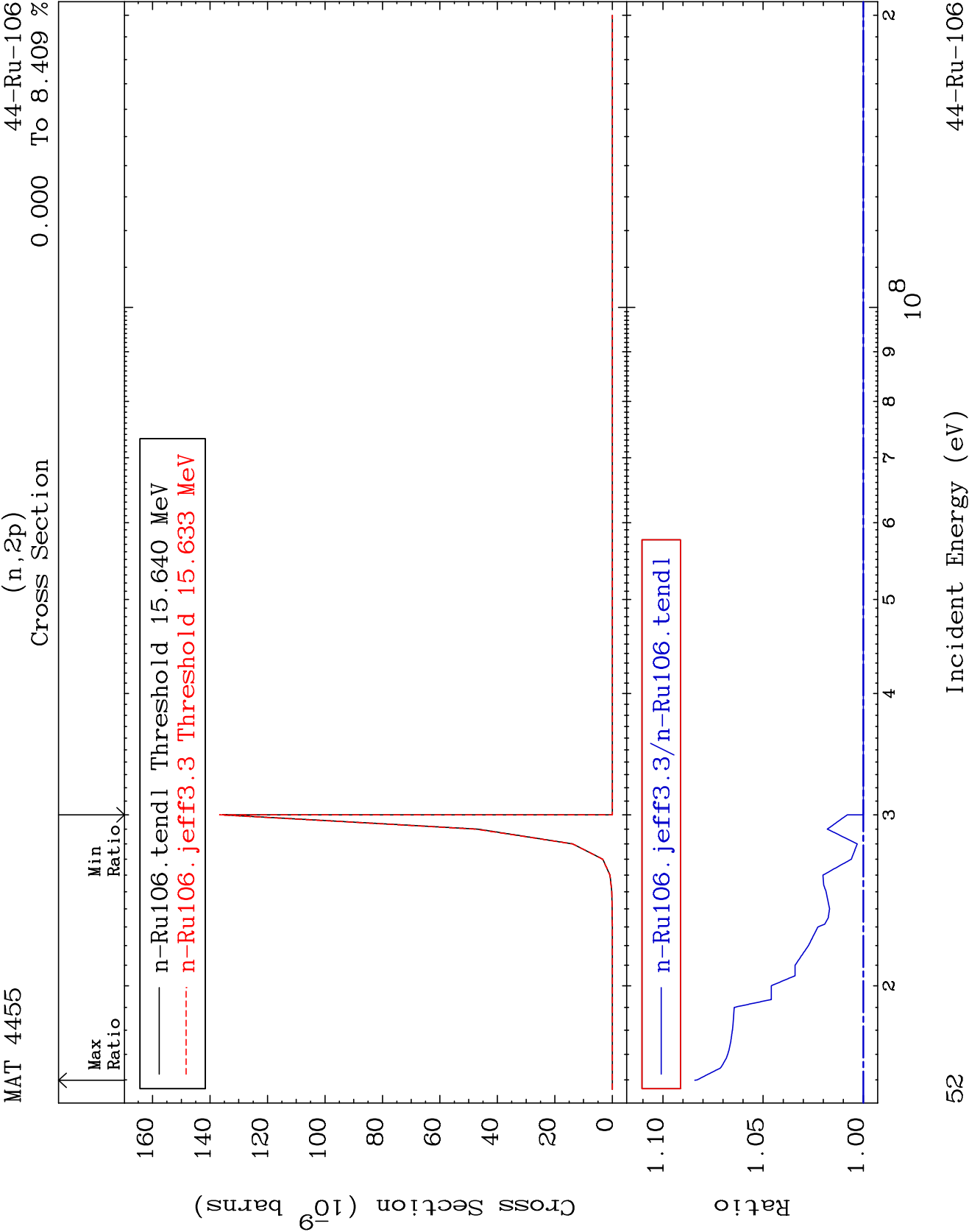
44-Ru-106

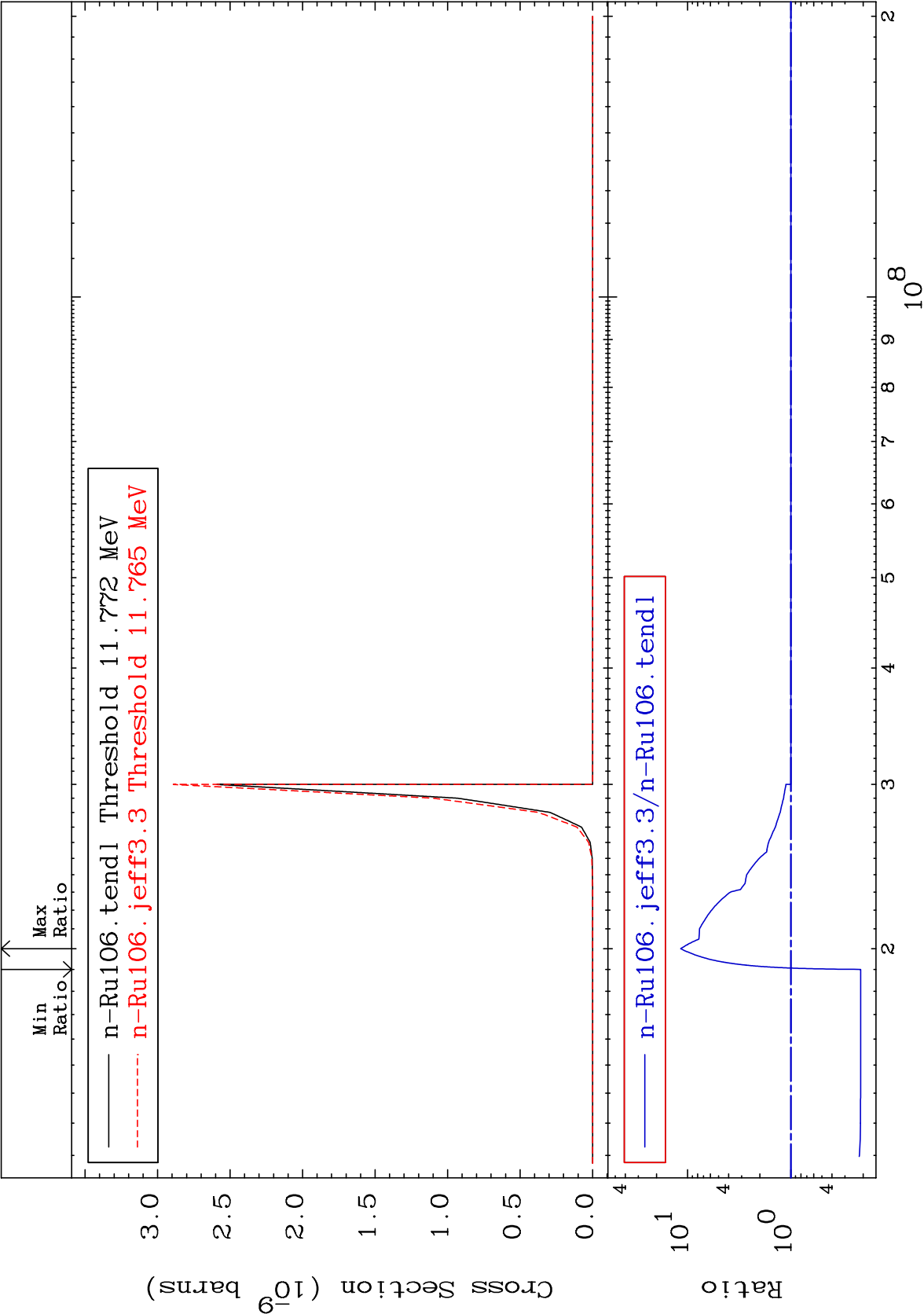


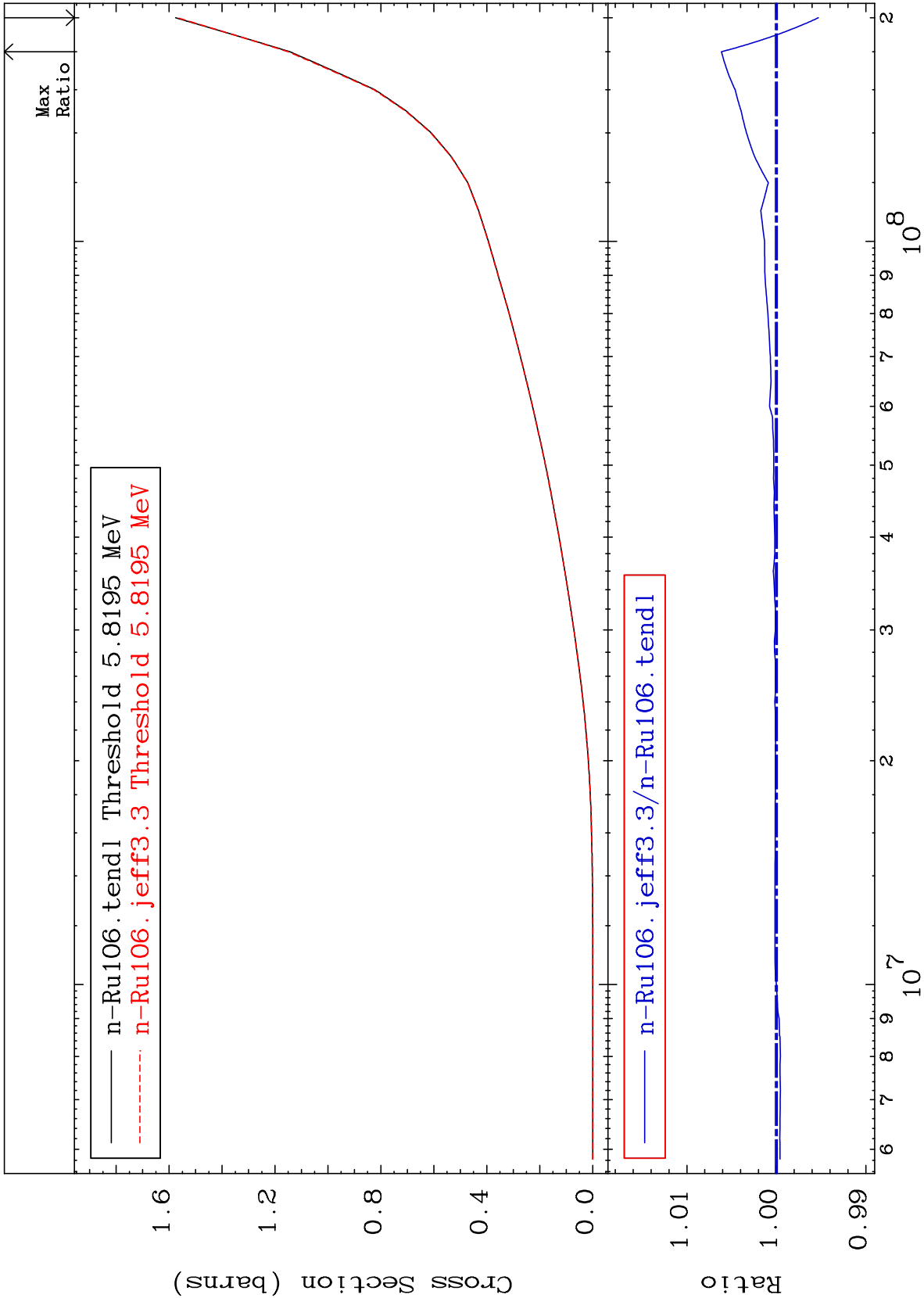








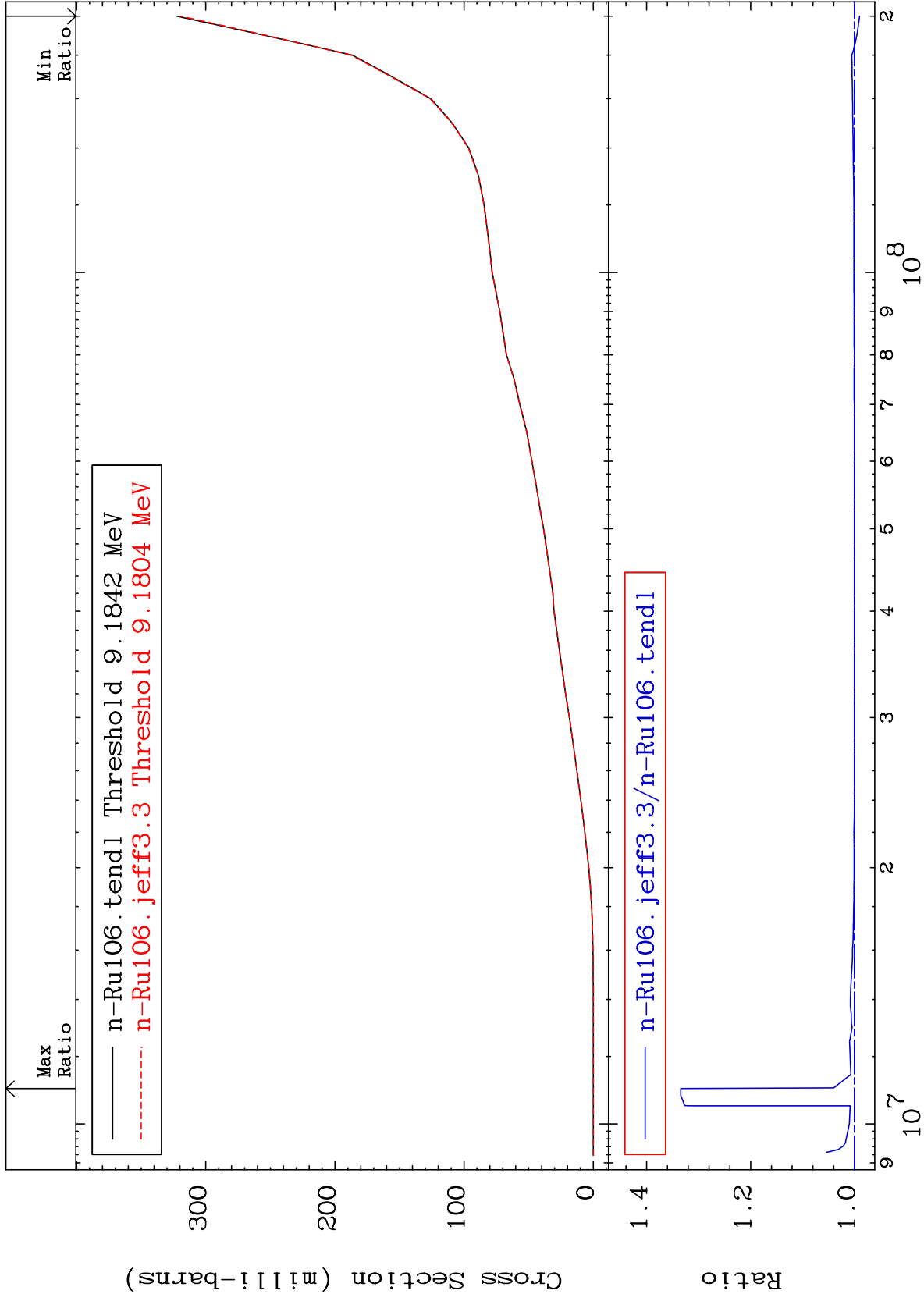




MAT 4455

Deuterium Production
Cross Section

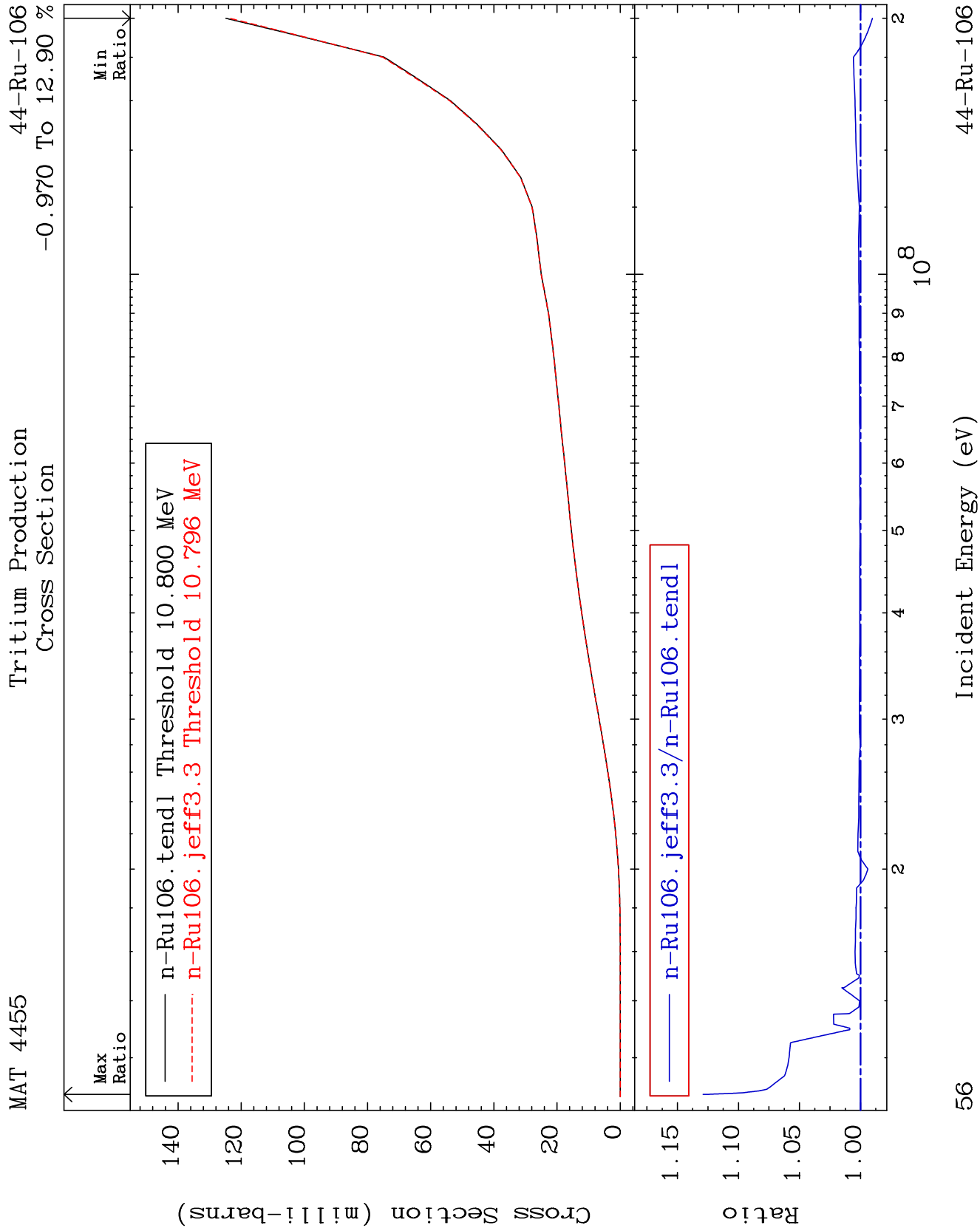
44-Ru-106
-0.967 To 33.44 %

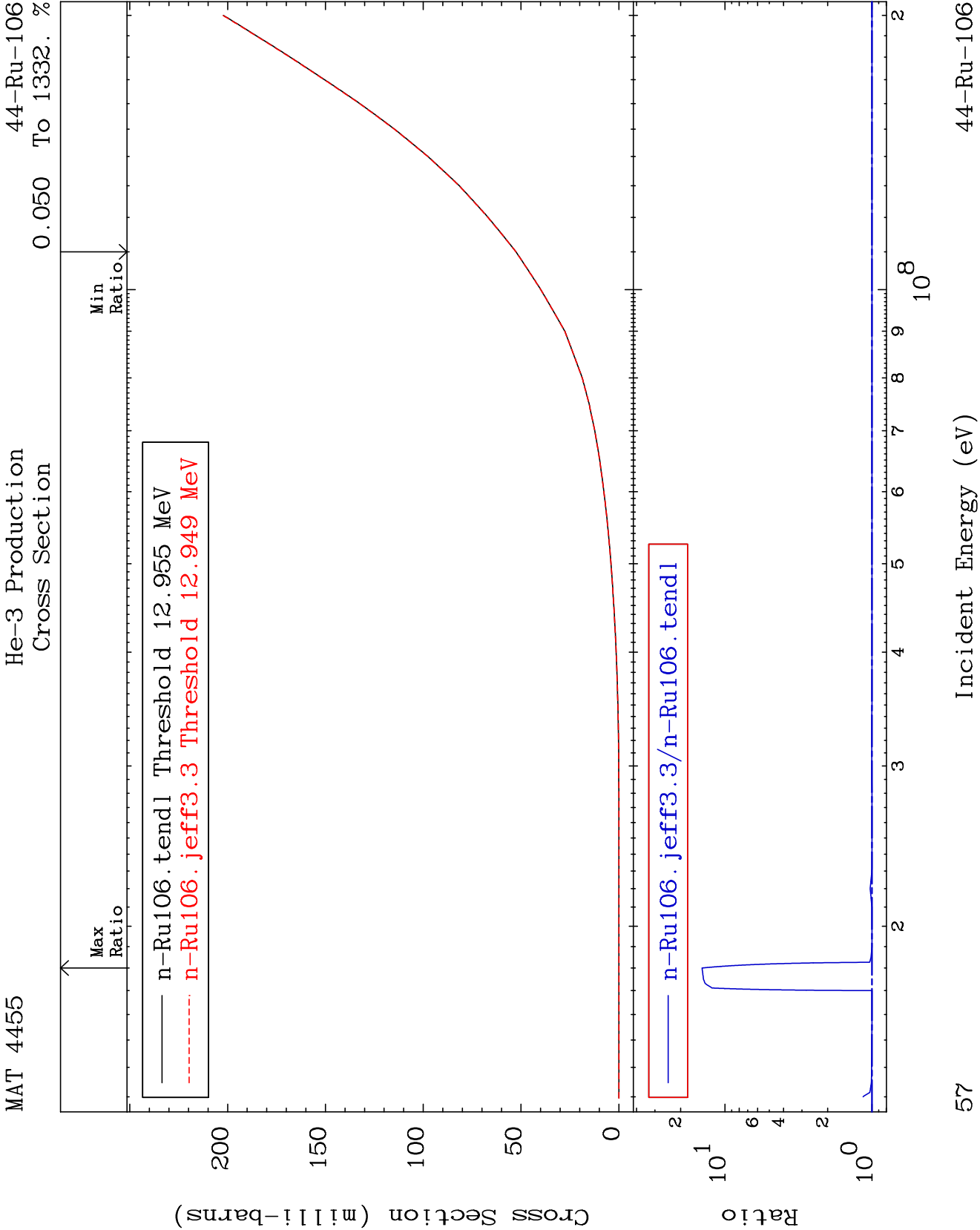


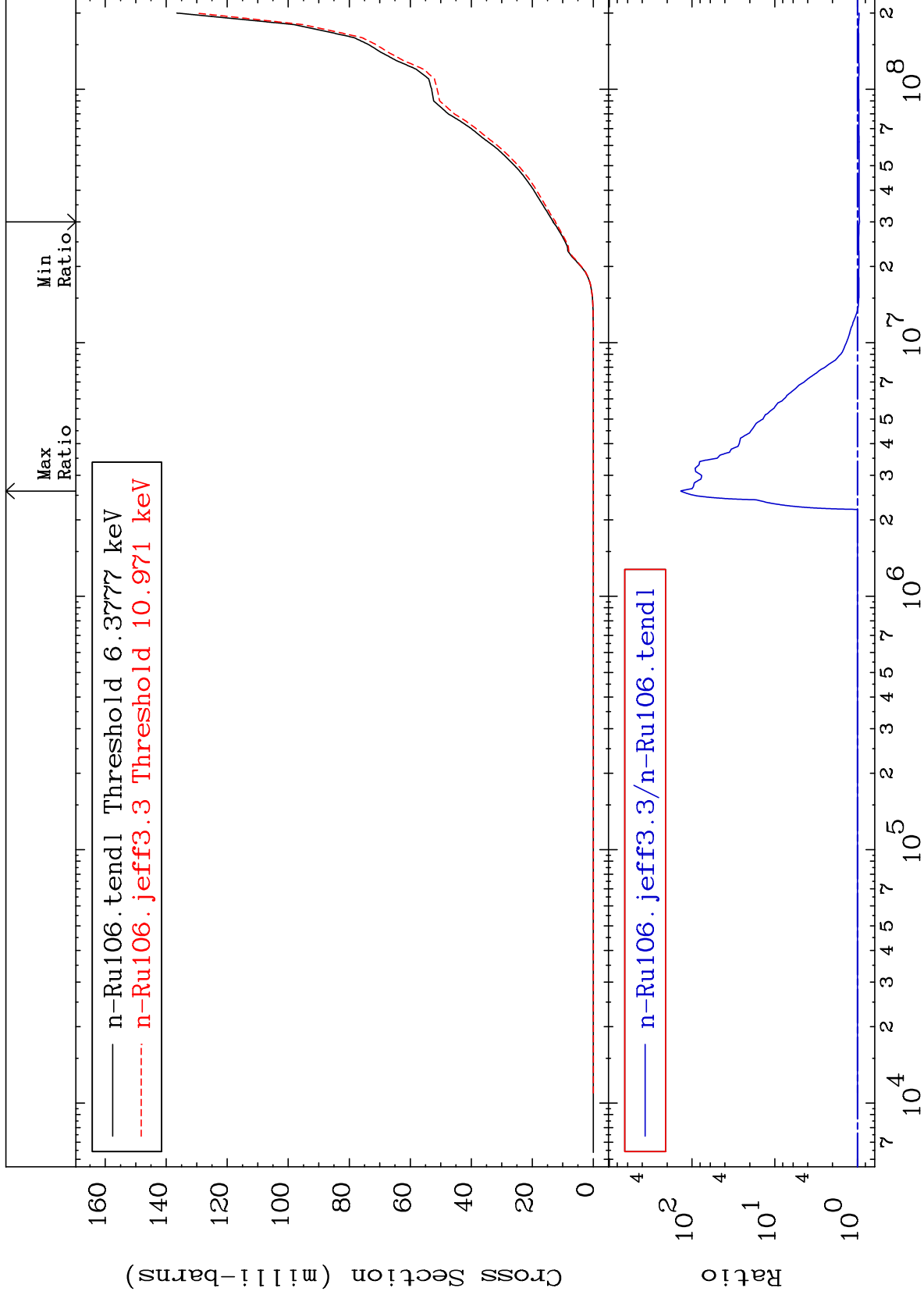
55

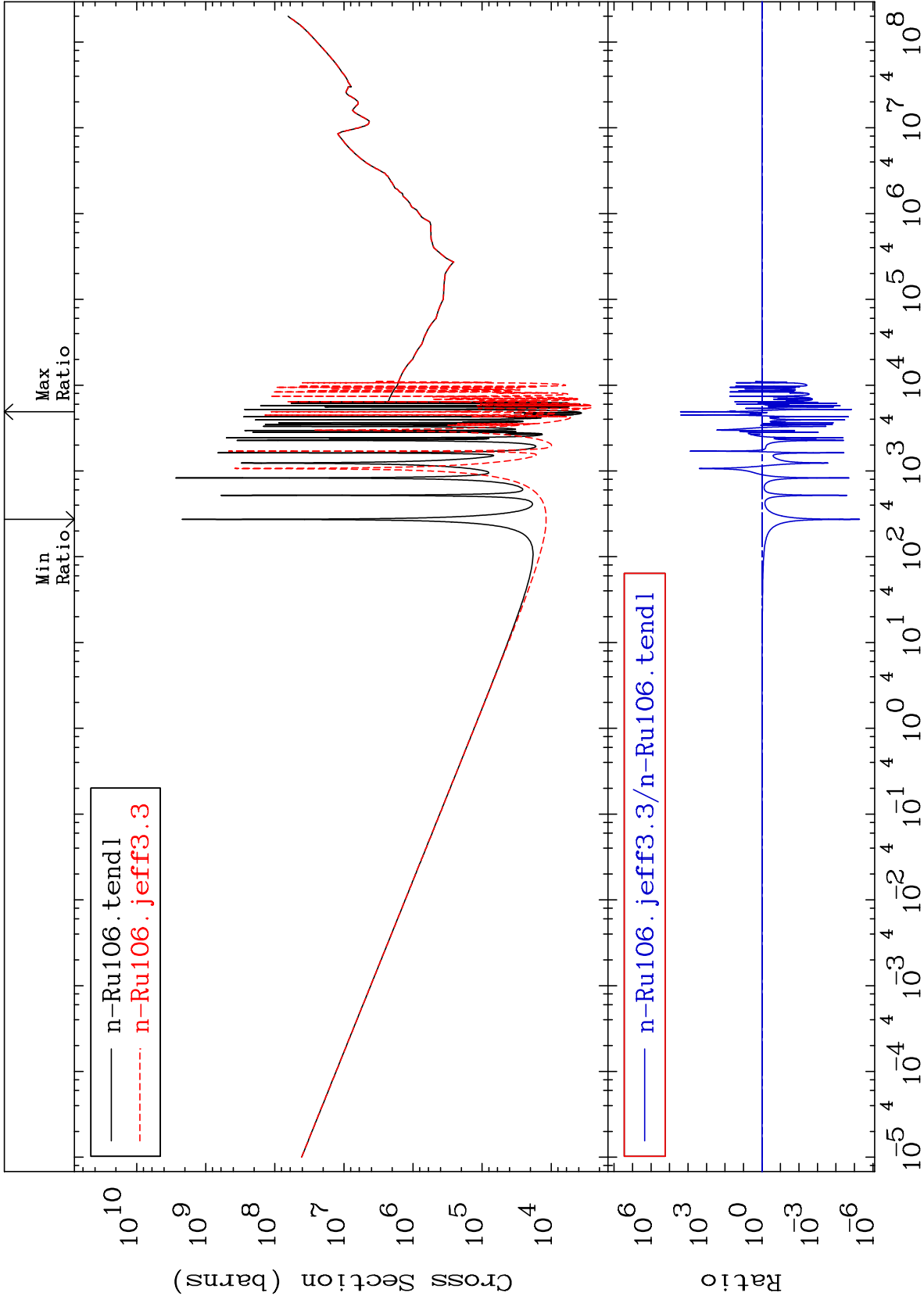
Incident Energy (eV)

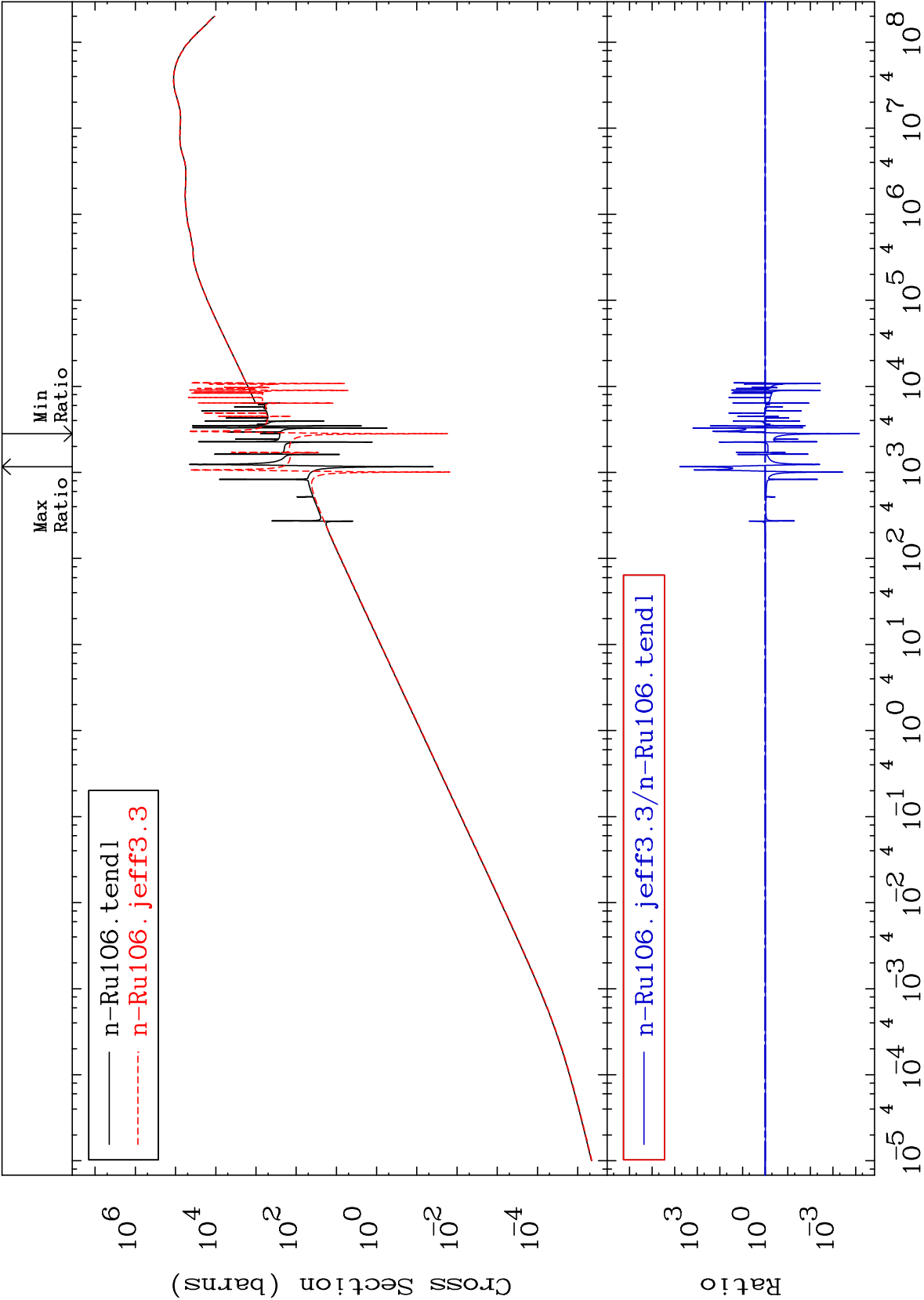
44-Ru-106











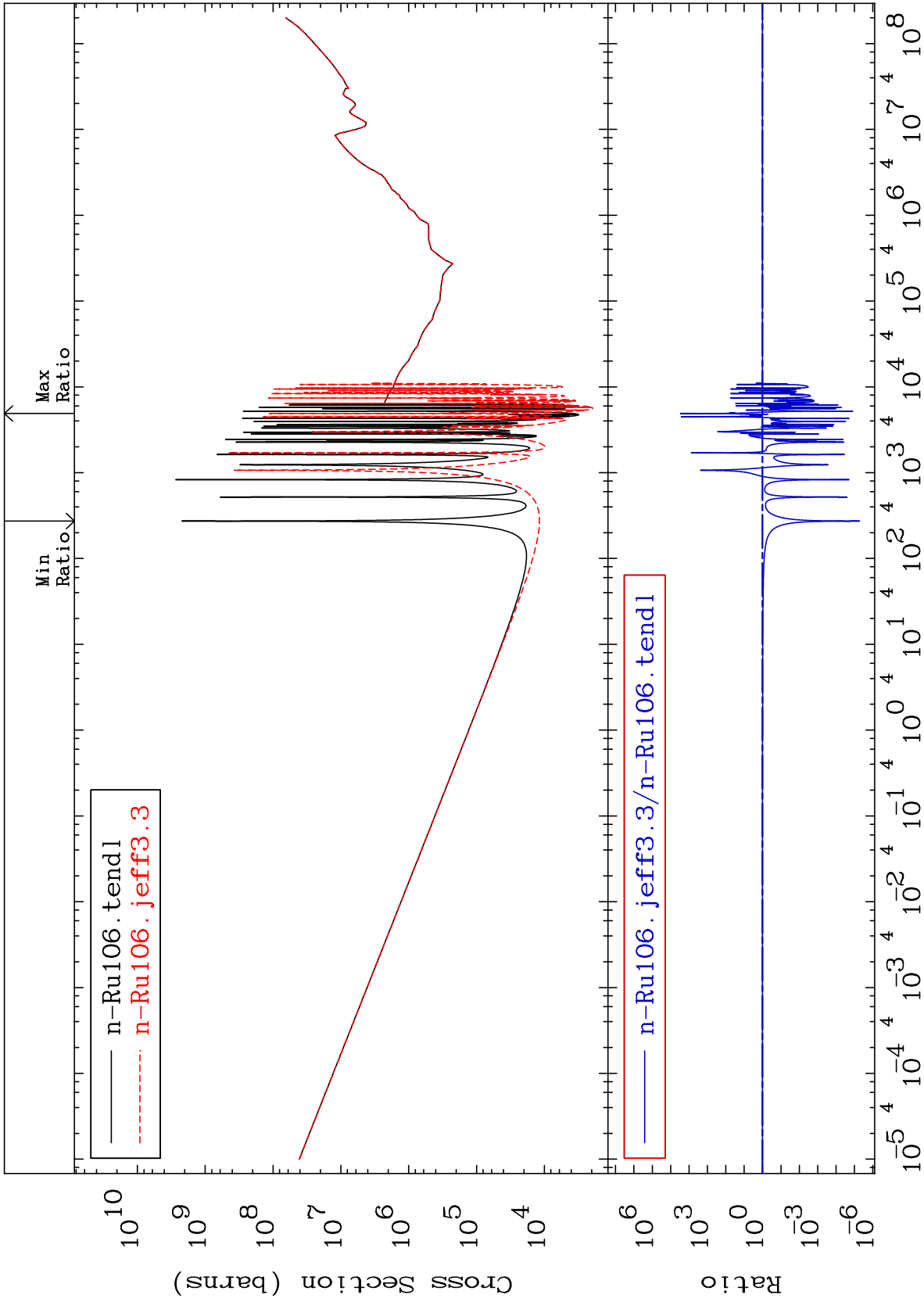
MAT 4455

Kerma non-elastic (all but mt2)

44-Ru-106

Cross Section

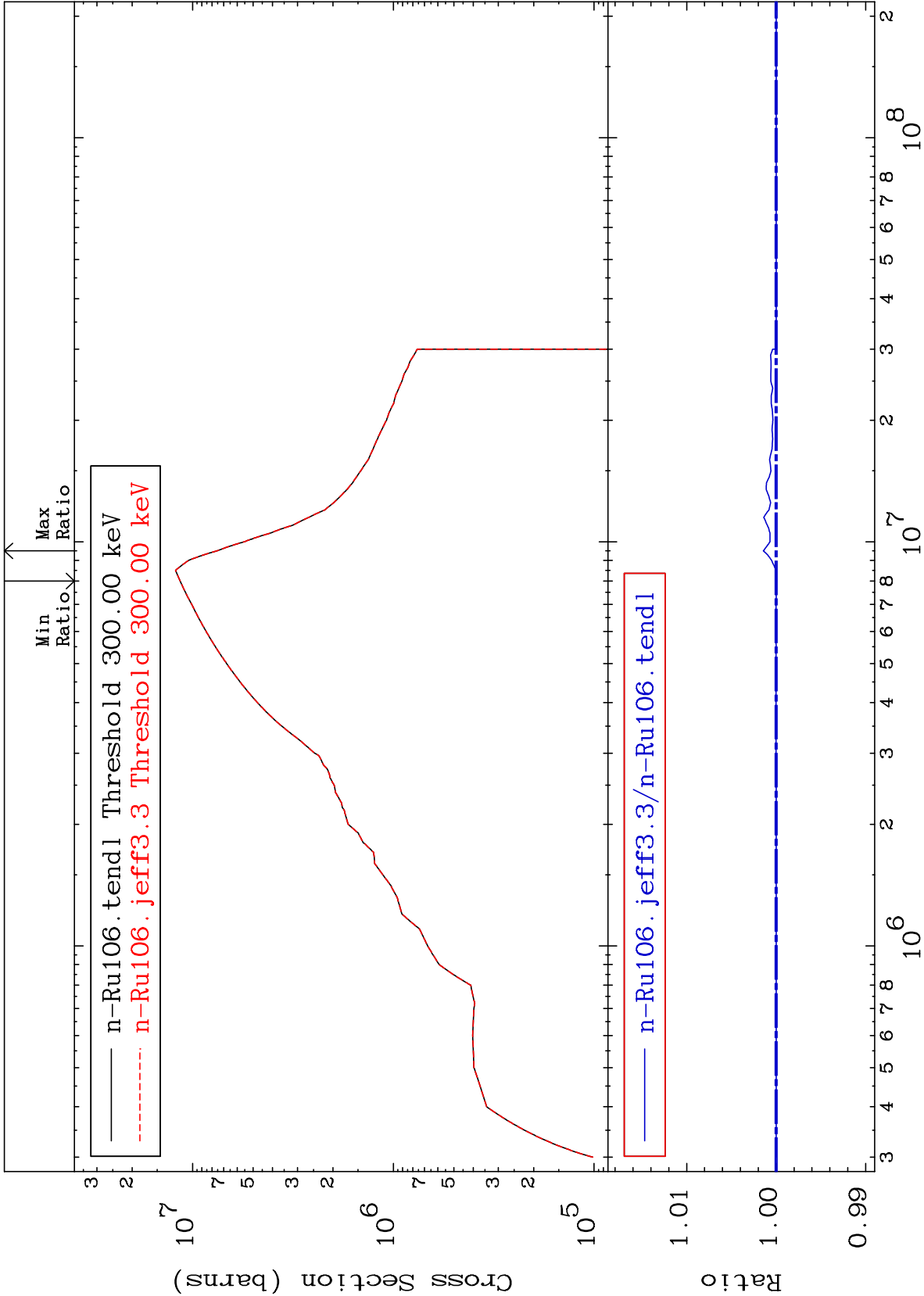
-100.0 To 9999. %

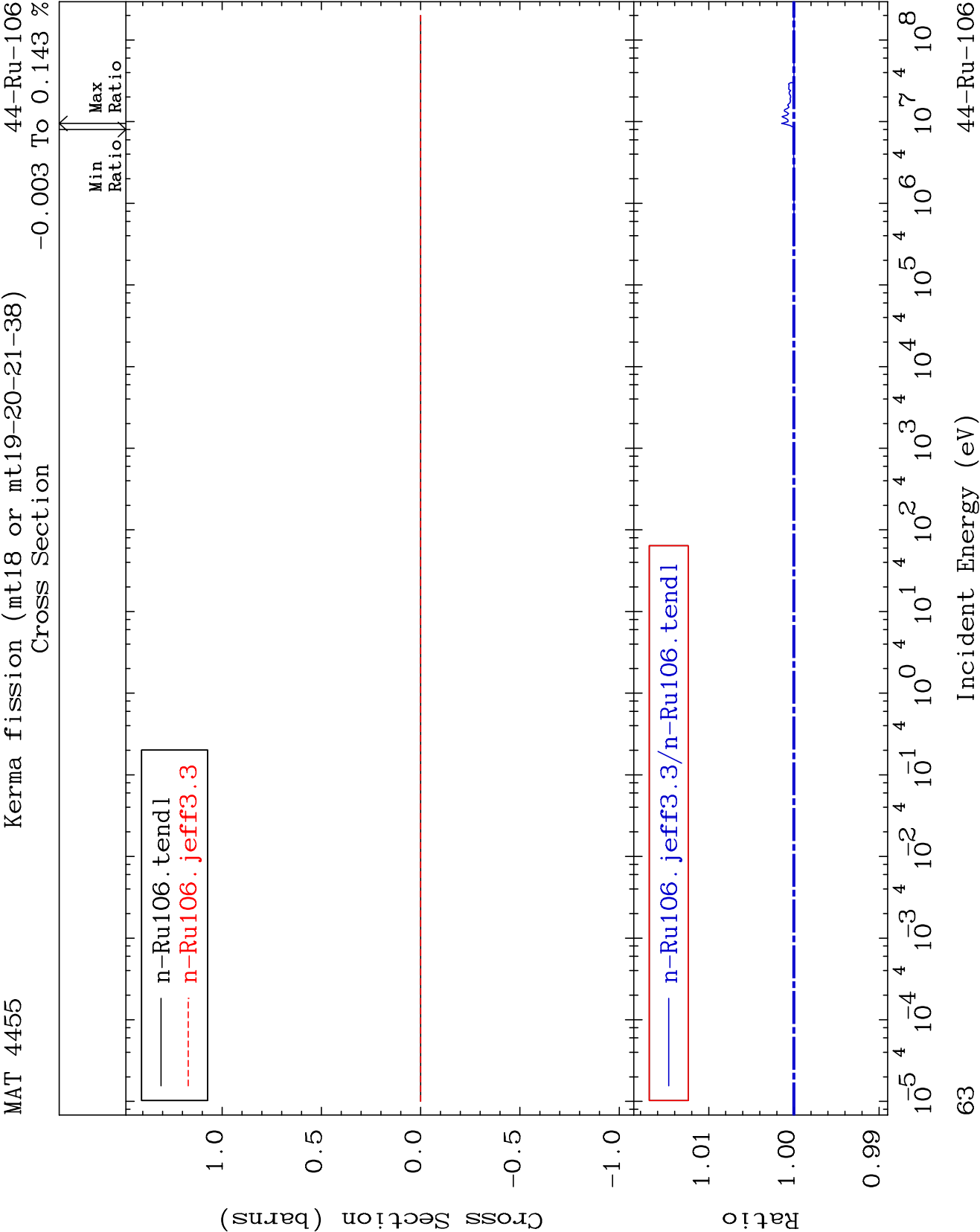


61

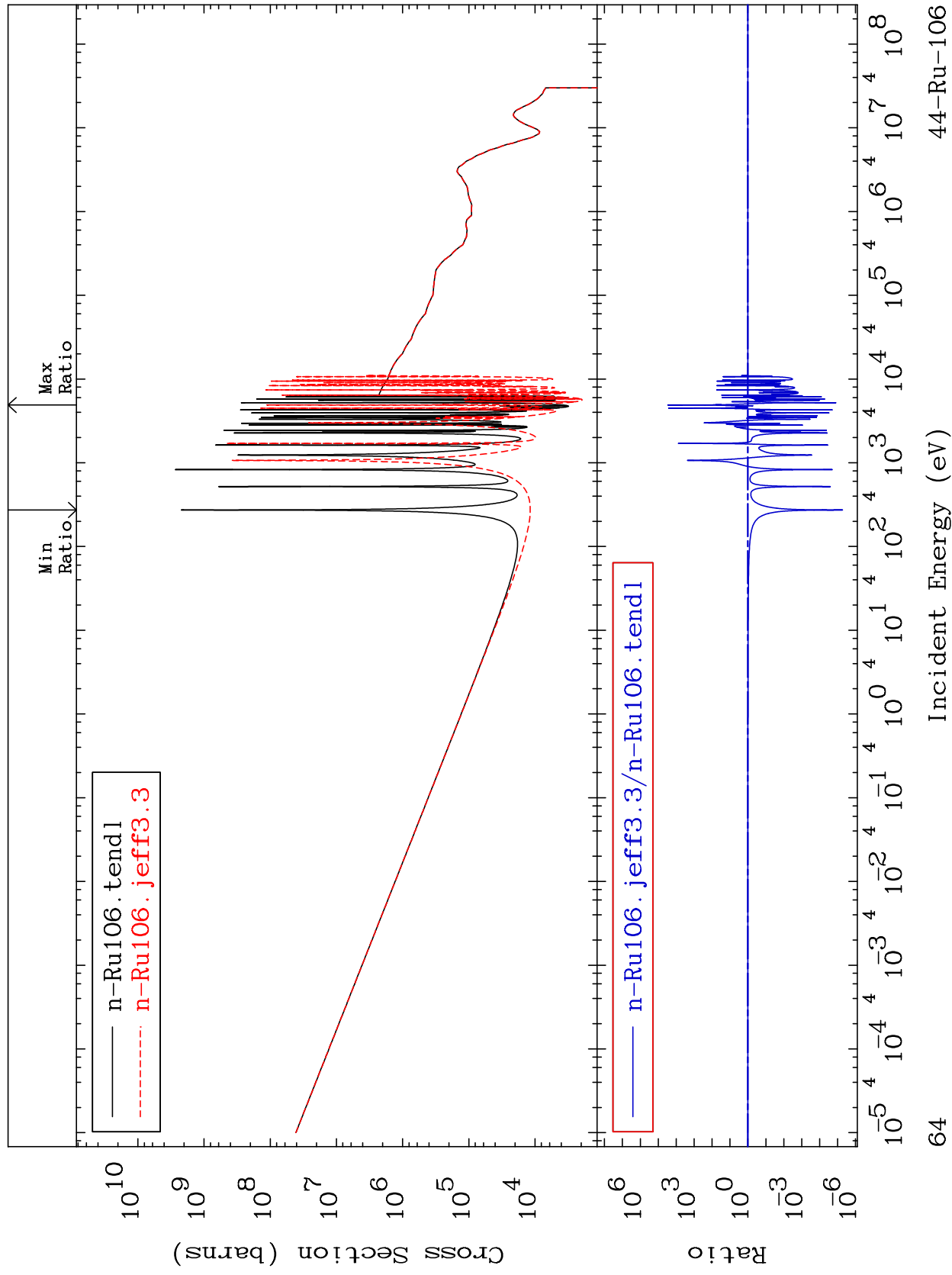
Incident Energy (eV)

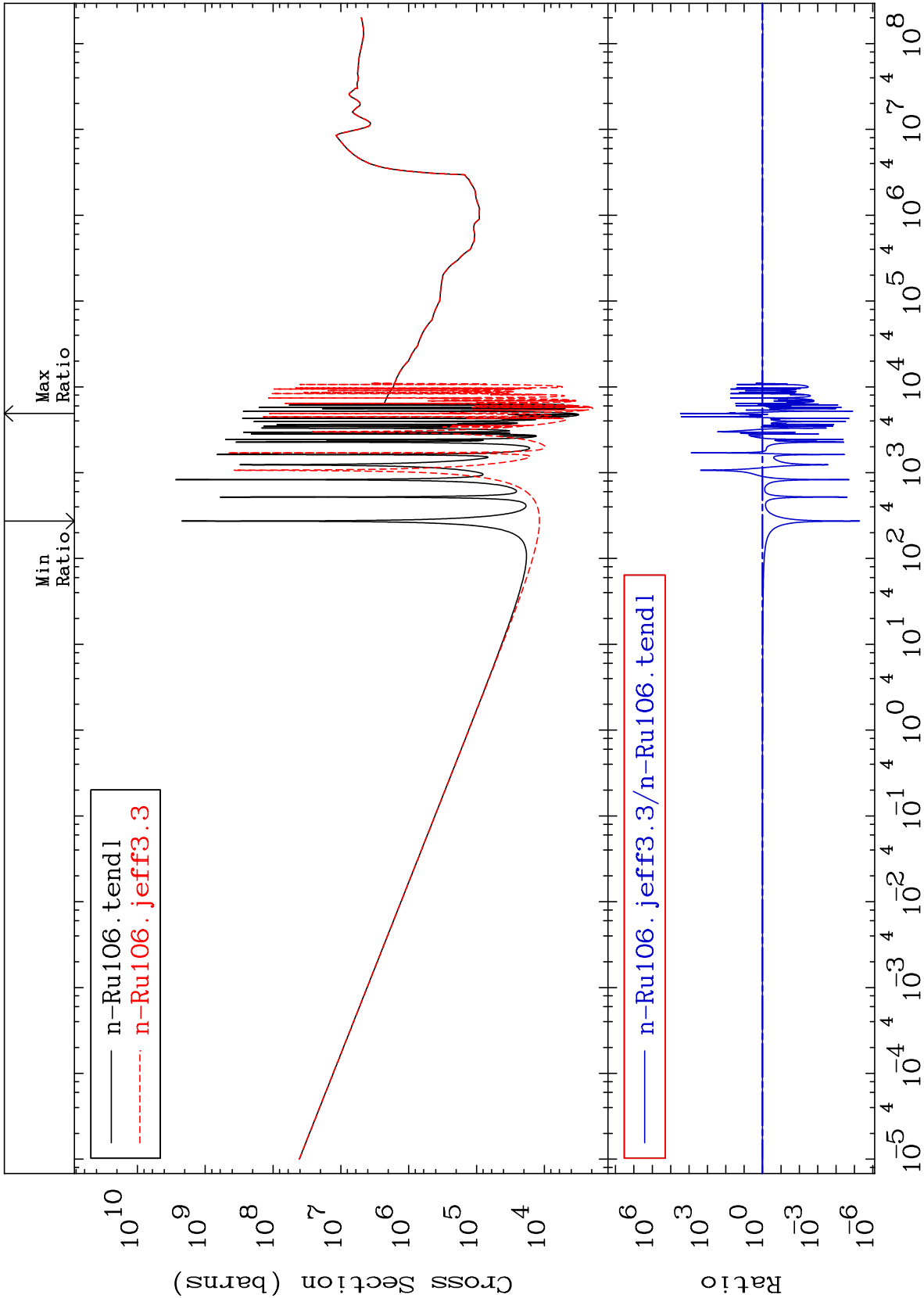
44-Ru-106

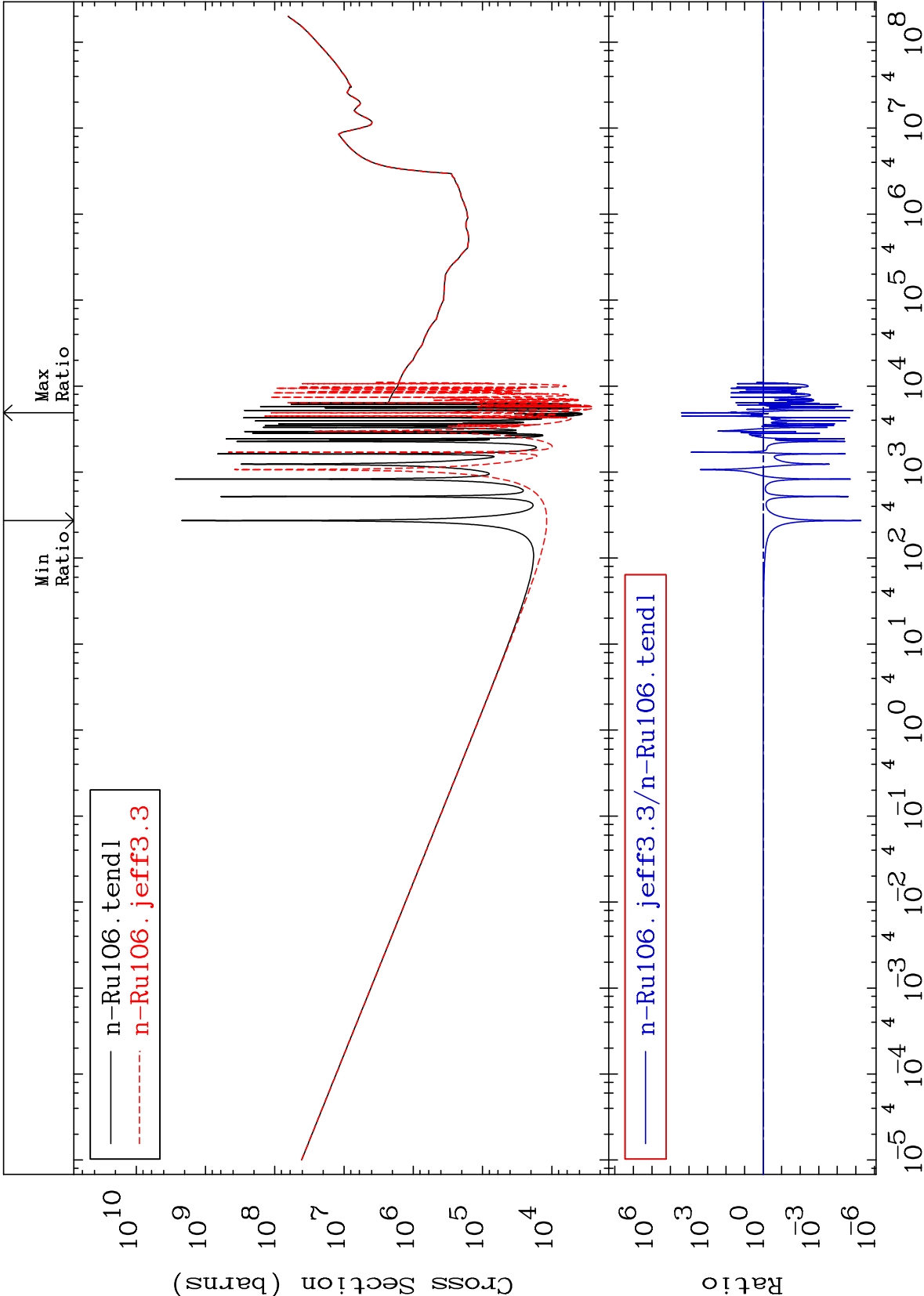


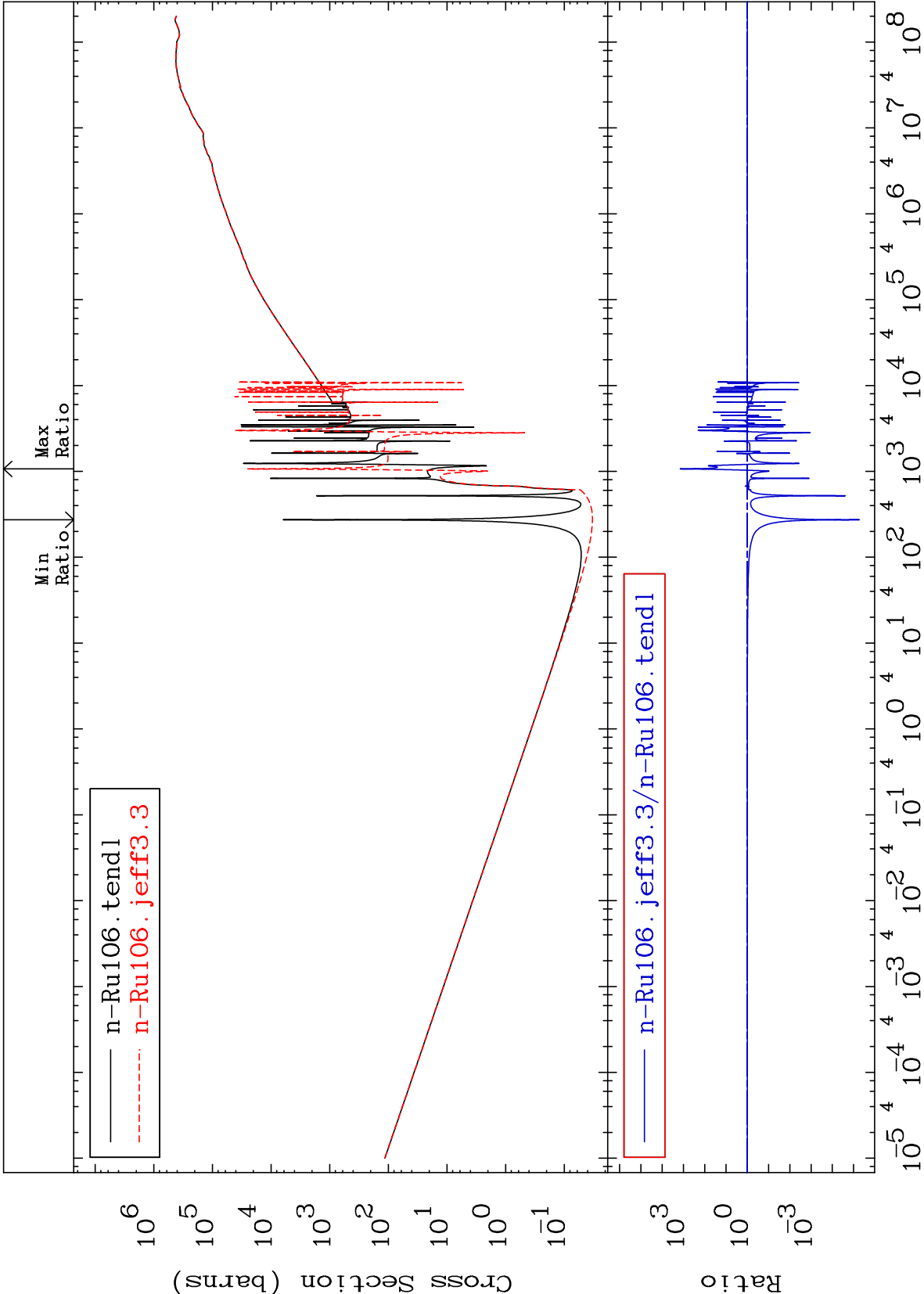


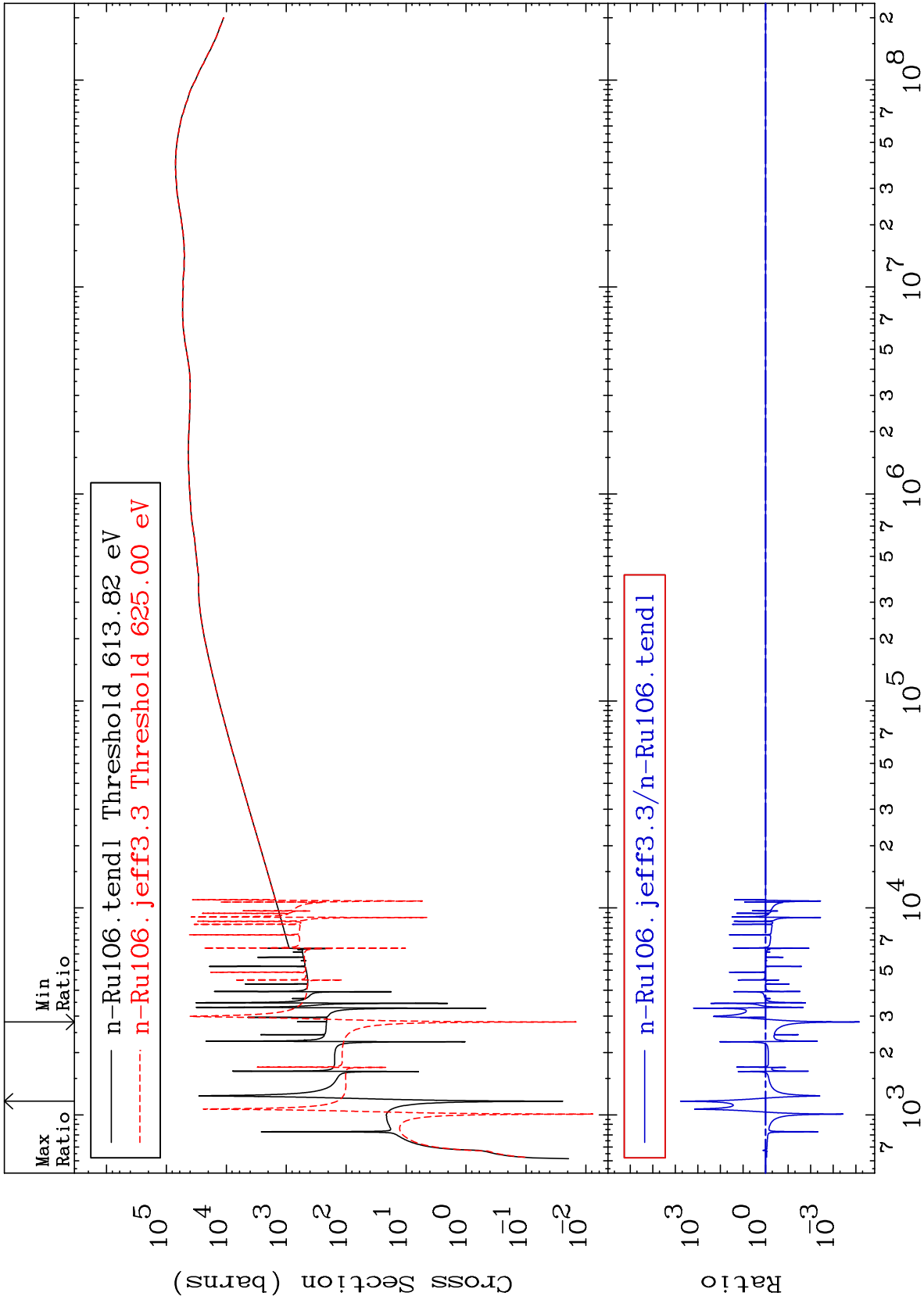
Kerma capture (mt102)
Cross Section

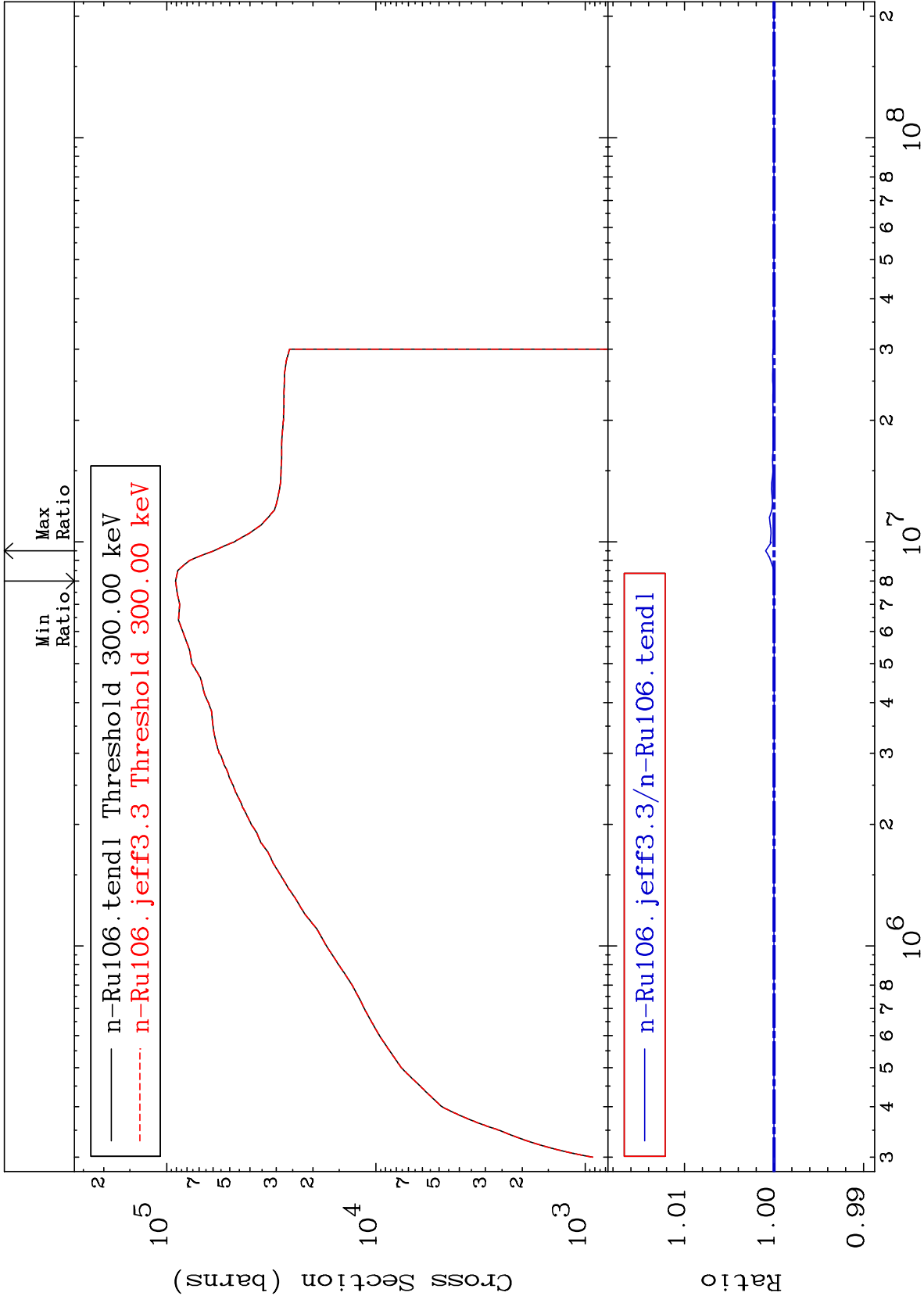












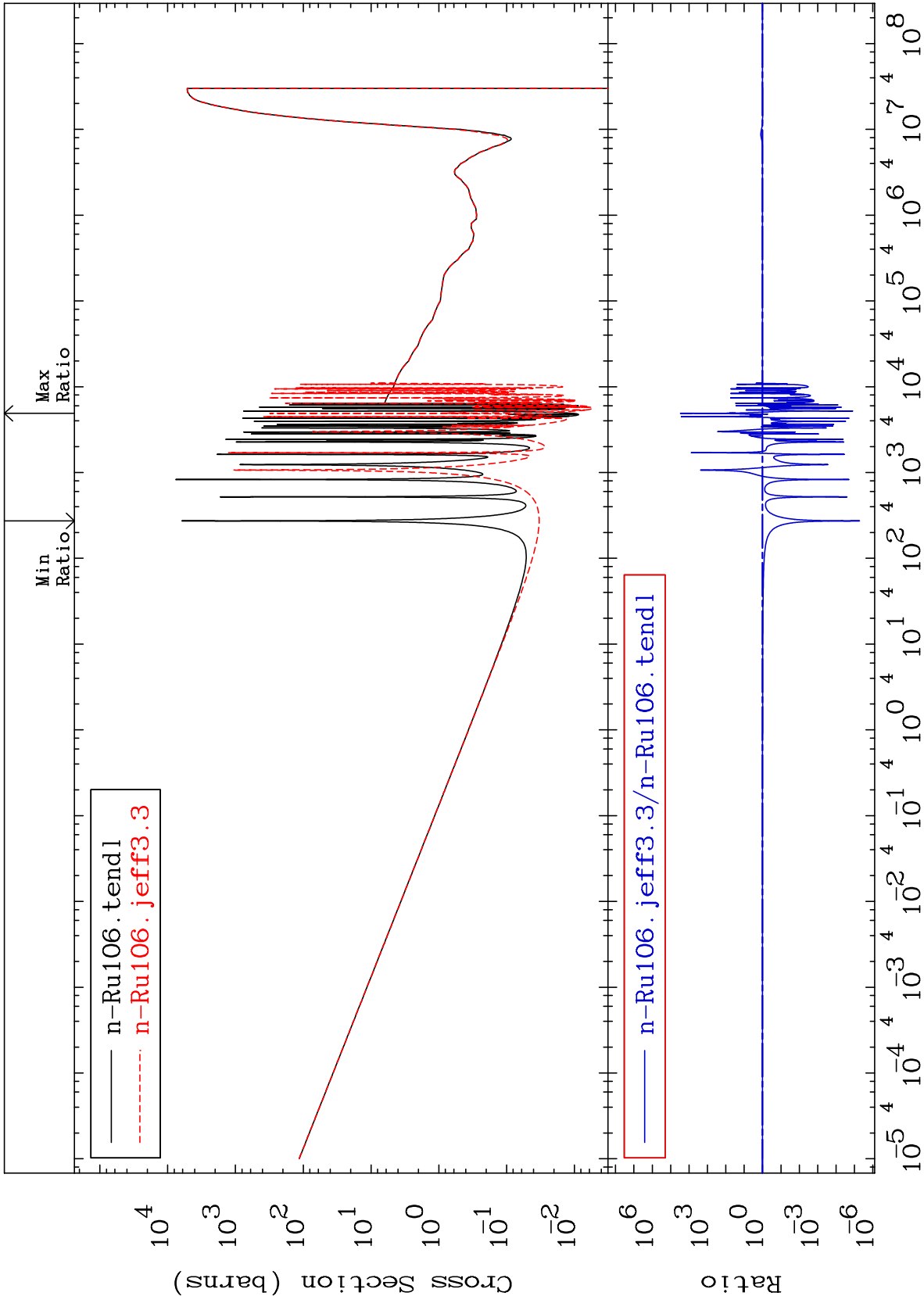
MAT 4455

Dpa disappearance (mt102 -120)

44-Ru-106

Cross Section

-100.0 To 9999. %



70

Incident Energy (eV)

44-Ru-106

