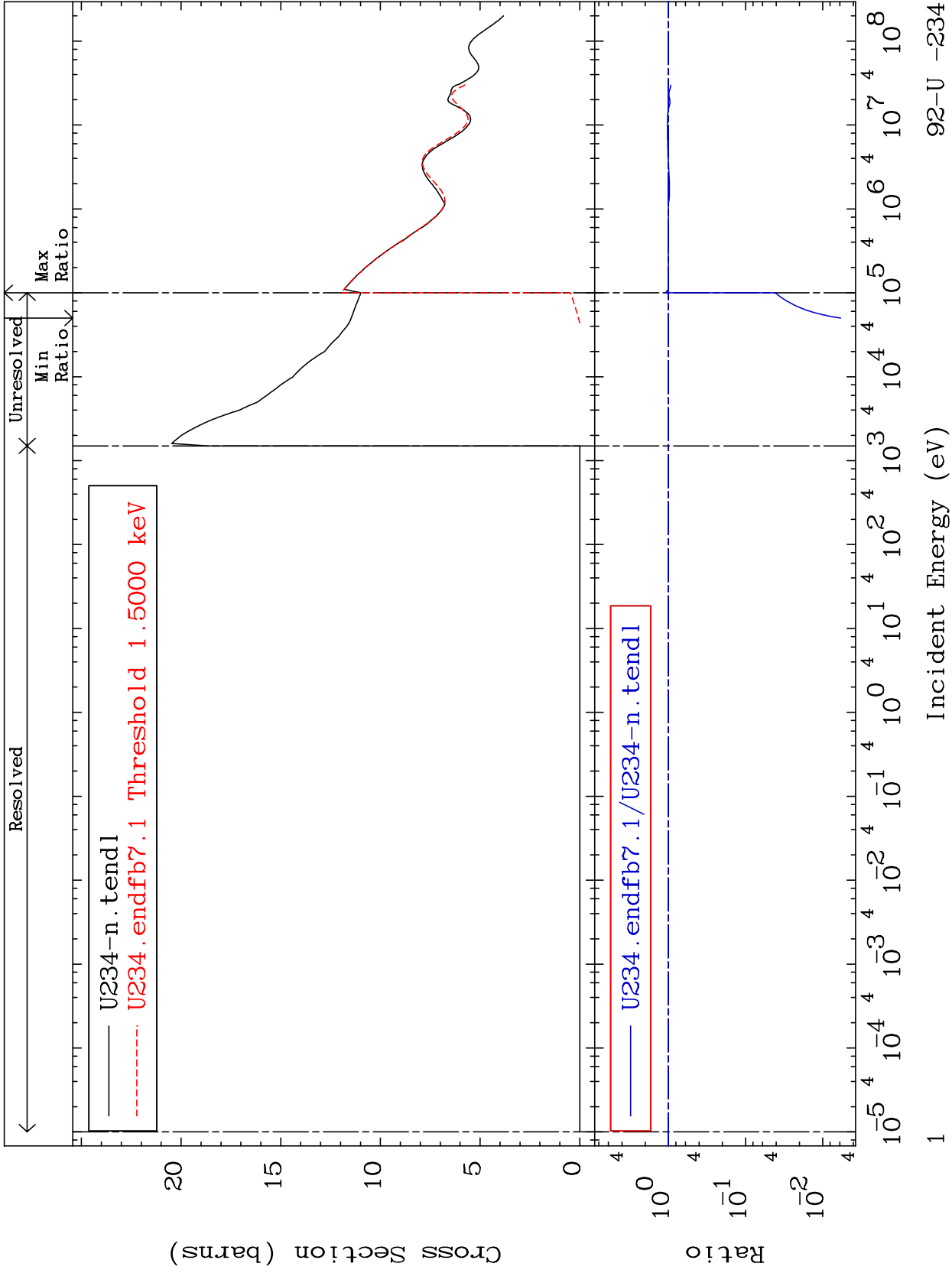


MAT 9225

Total
Cross Section

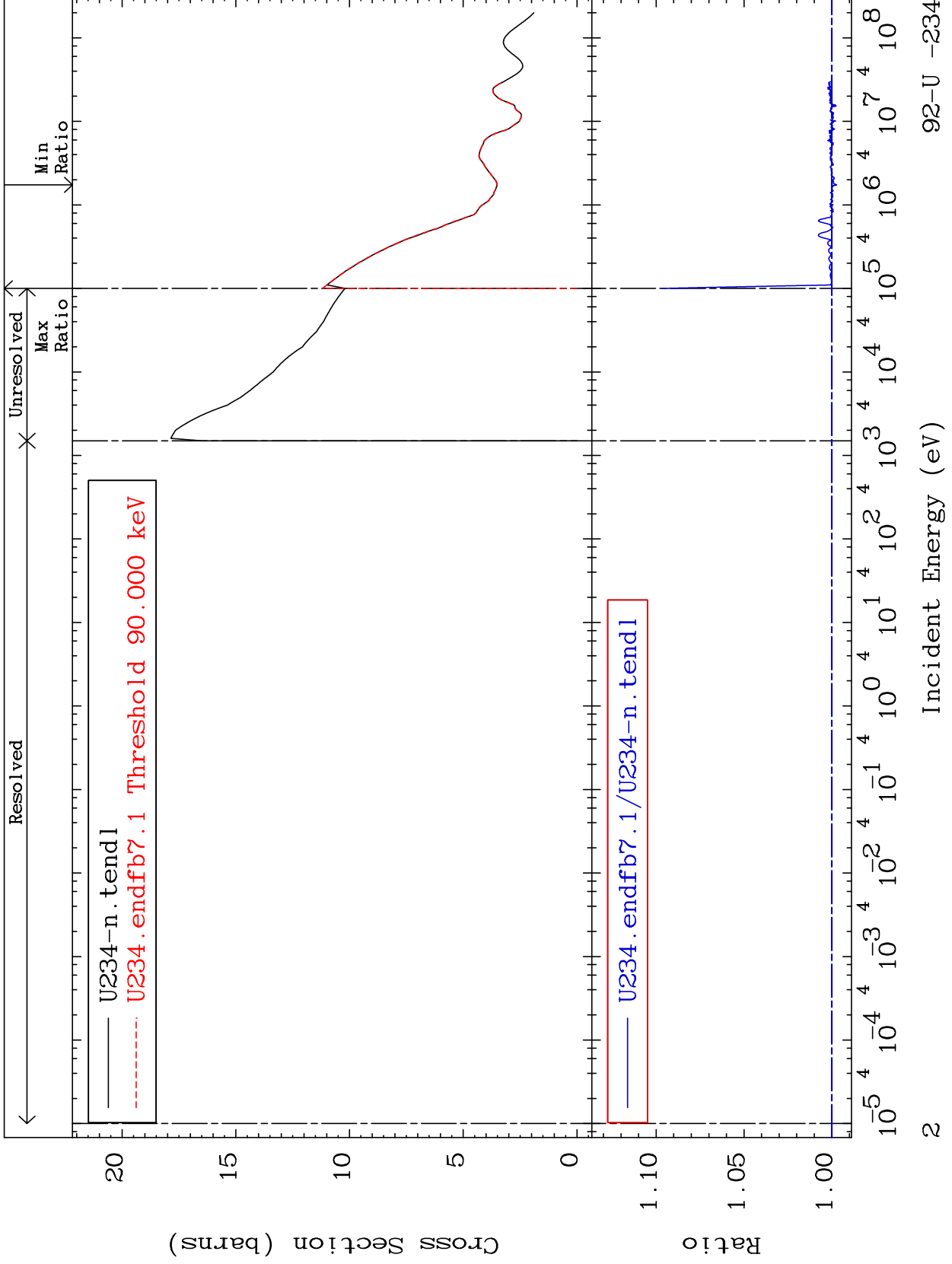
92-U -234
-99.42 To 8.989 %



MAT 9225

Elastic
Cross Section

92-U -234
-0.275 To 9.650 %

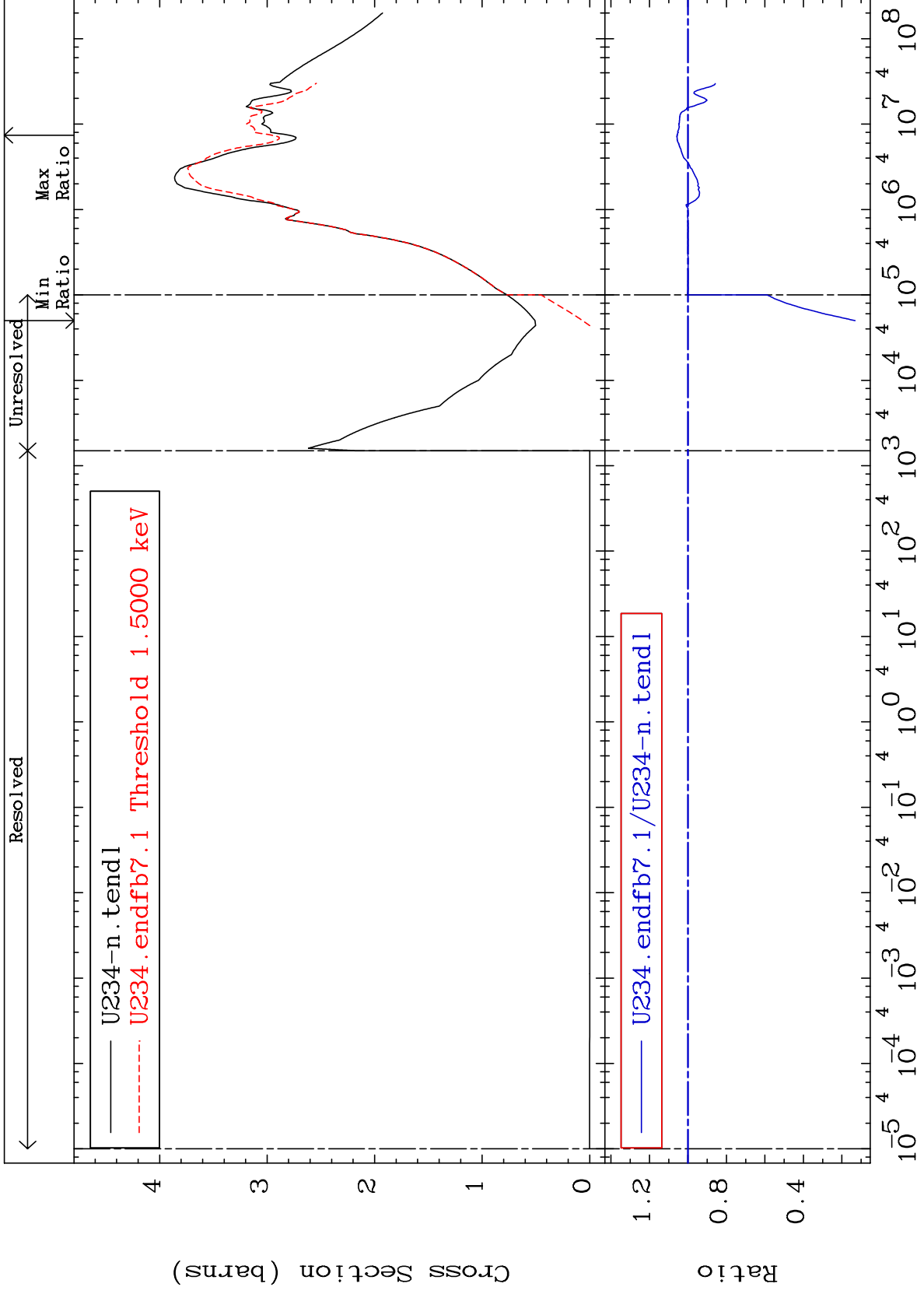


92-U -234

MAT 9225

Nonelastic
Cross Section

92-U -234
-86.86 To 5.737 %



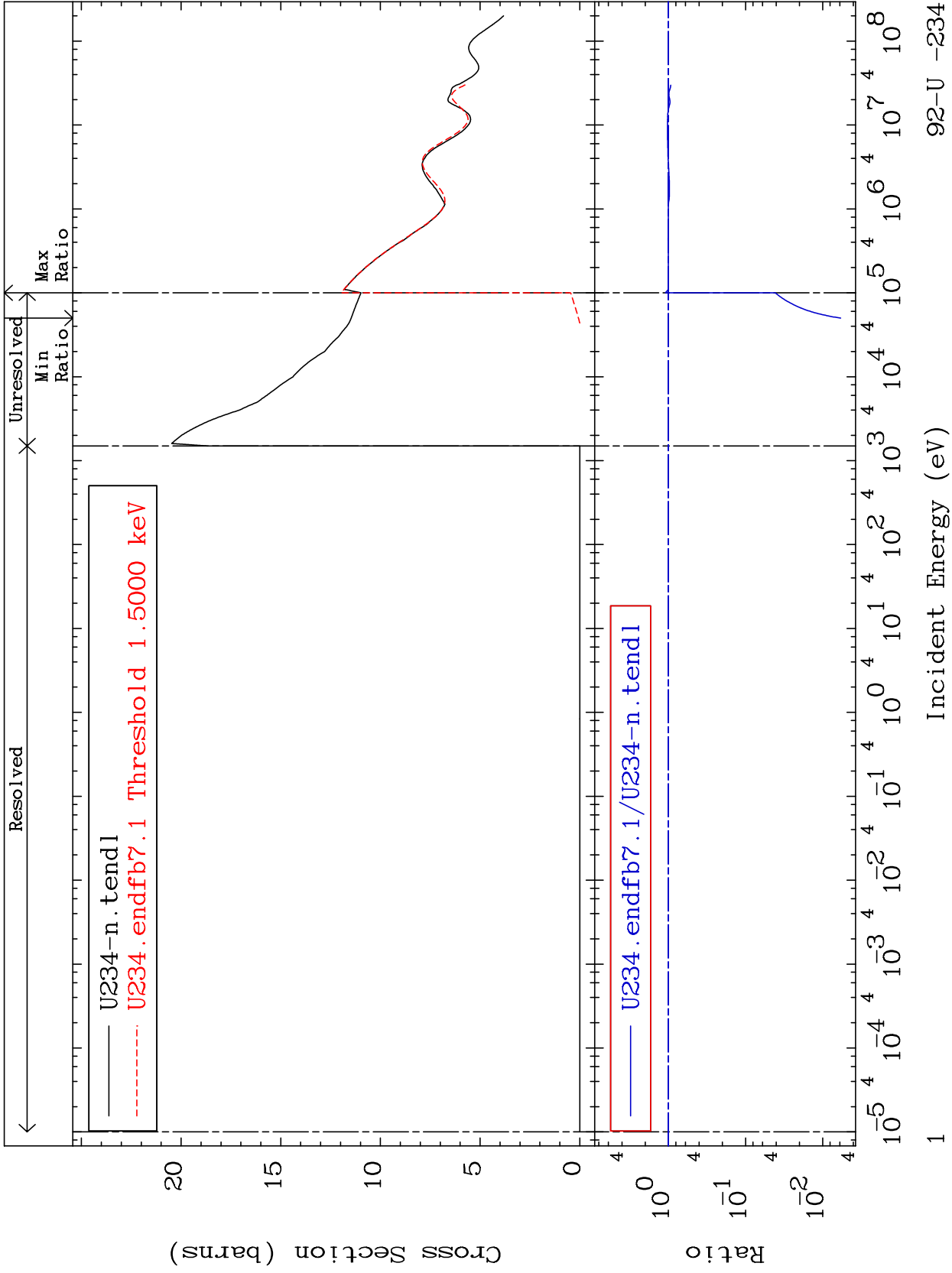
3

92-U -234

MAT 9225

Total
Cross Section

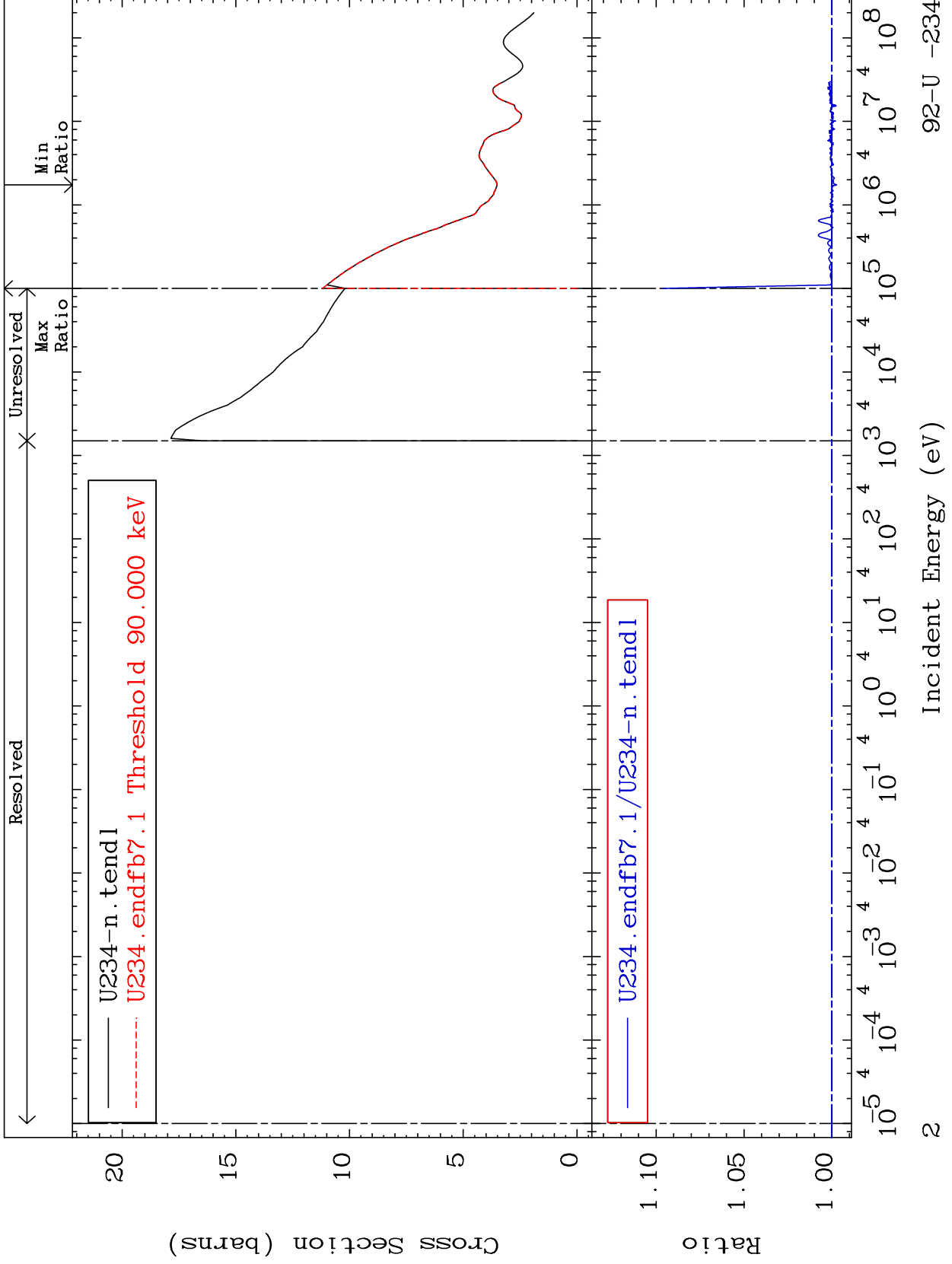
92-U -234
-99.42 To 8.989 %



MAT 9225

Elastic
Cross Section

92-U -234
-0.275 To 9.650 %

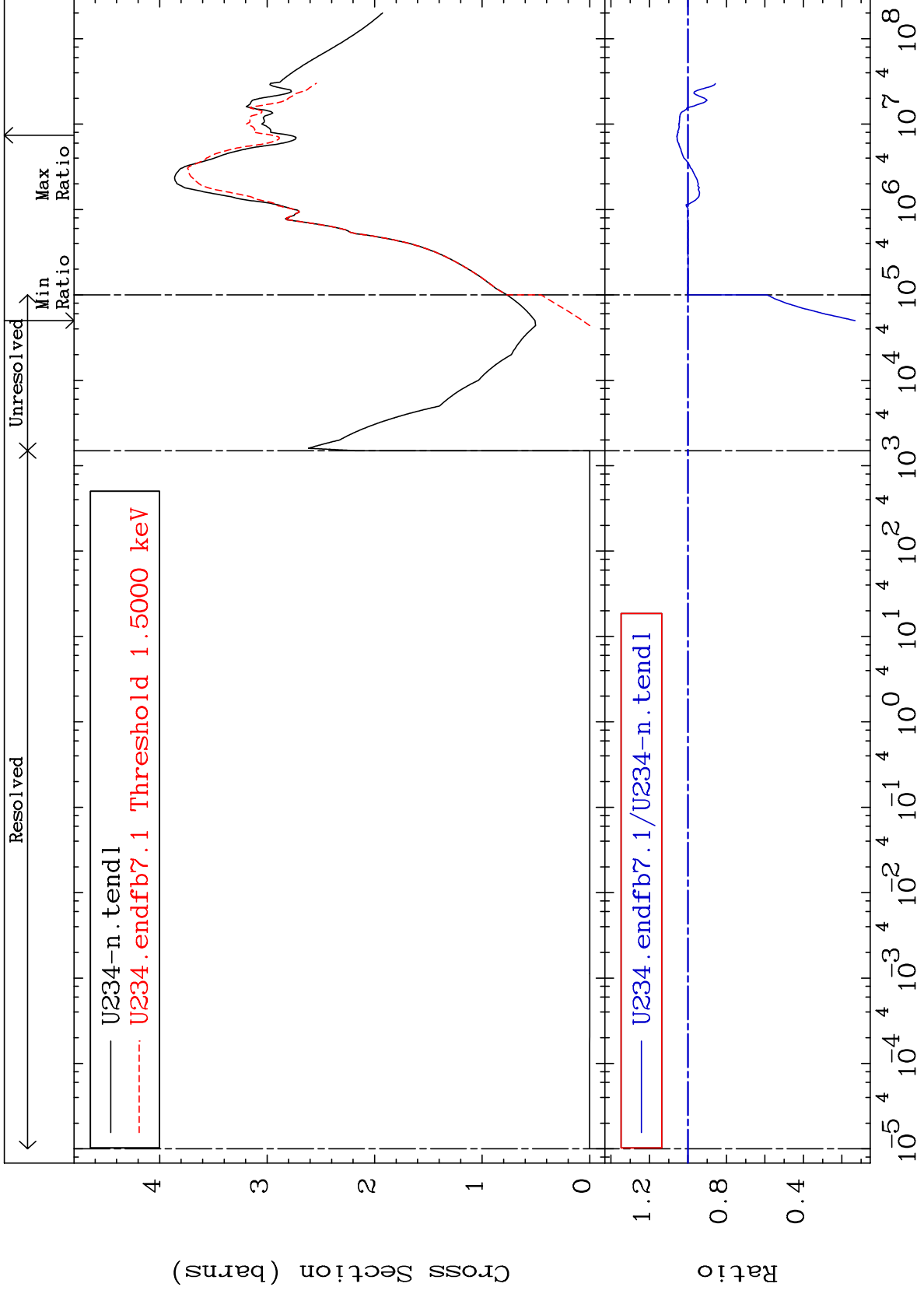


92-U -234

MAT 9225

Nonelastic
Cross Section

92-U -234
-86.86 To 5.737 %



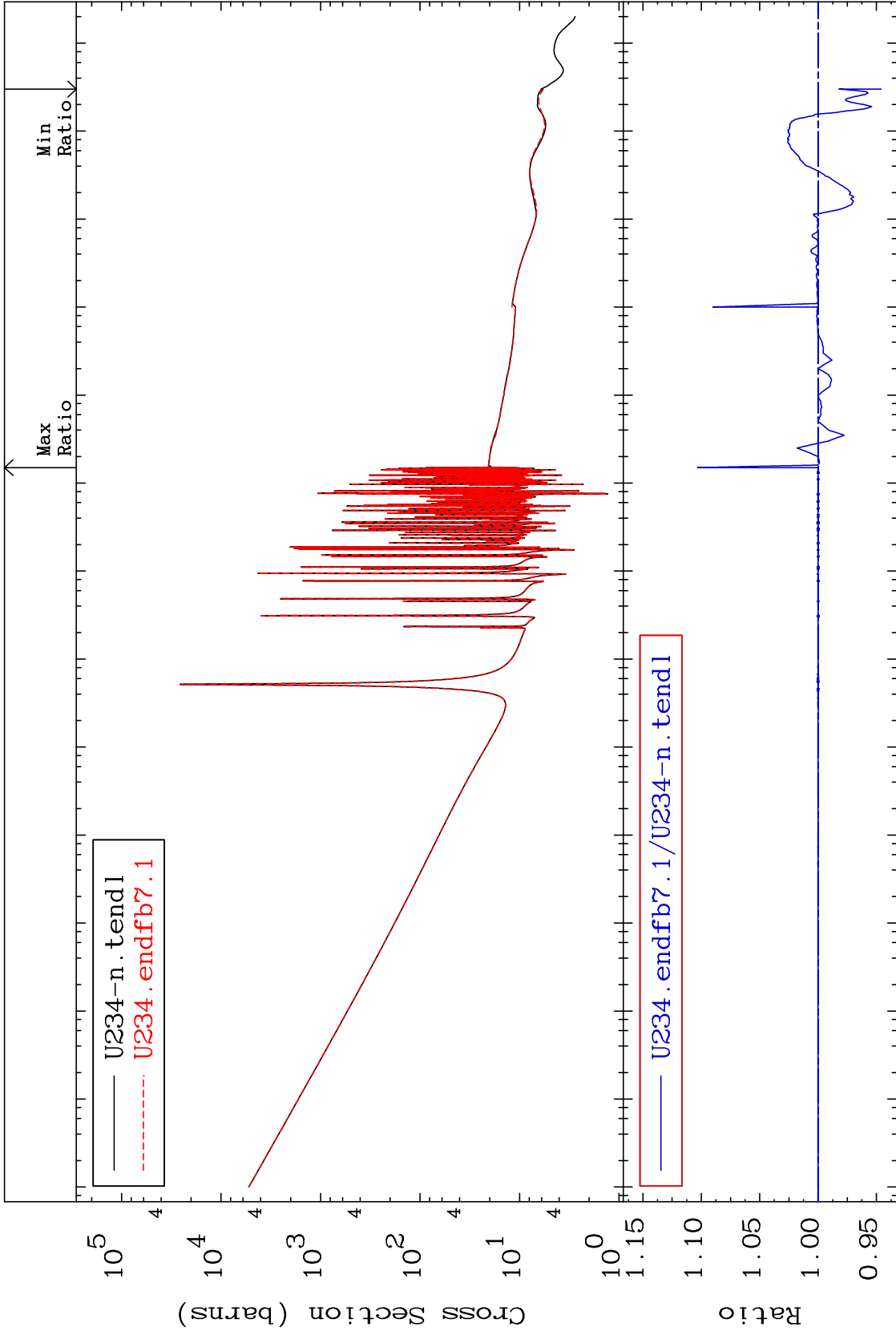
3

92-U -234

MAT 9225

Total
Cross Section

92-U -234
-5.396 To 10.32 %



92-U -234

Incident Energy (eV)

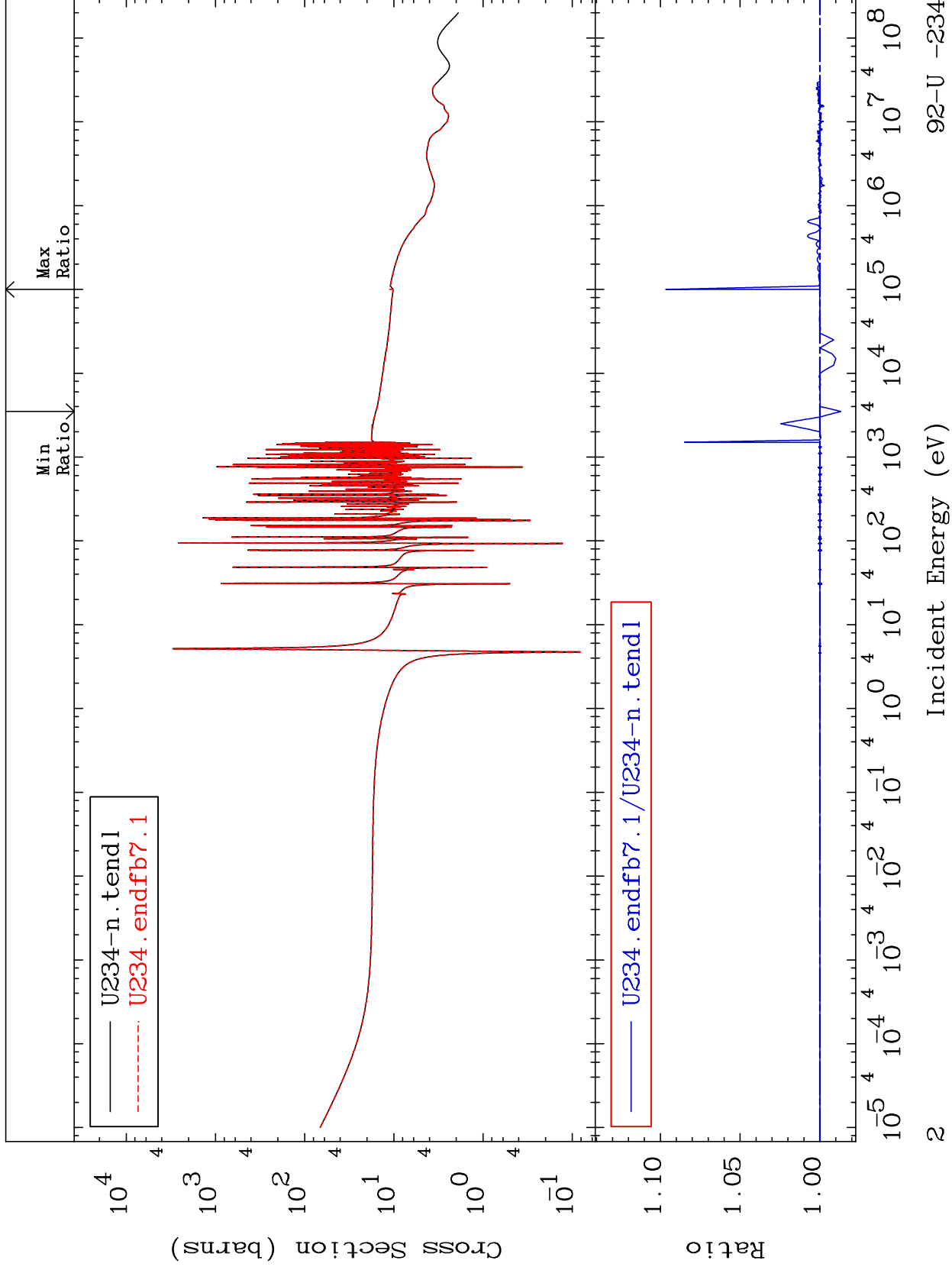
MAT 9225

Elastic

92-U -234

Cross Section

-1.313 To 9.650 %



92-U -234

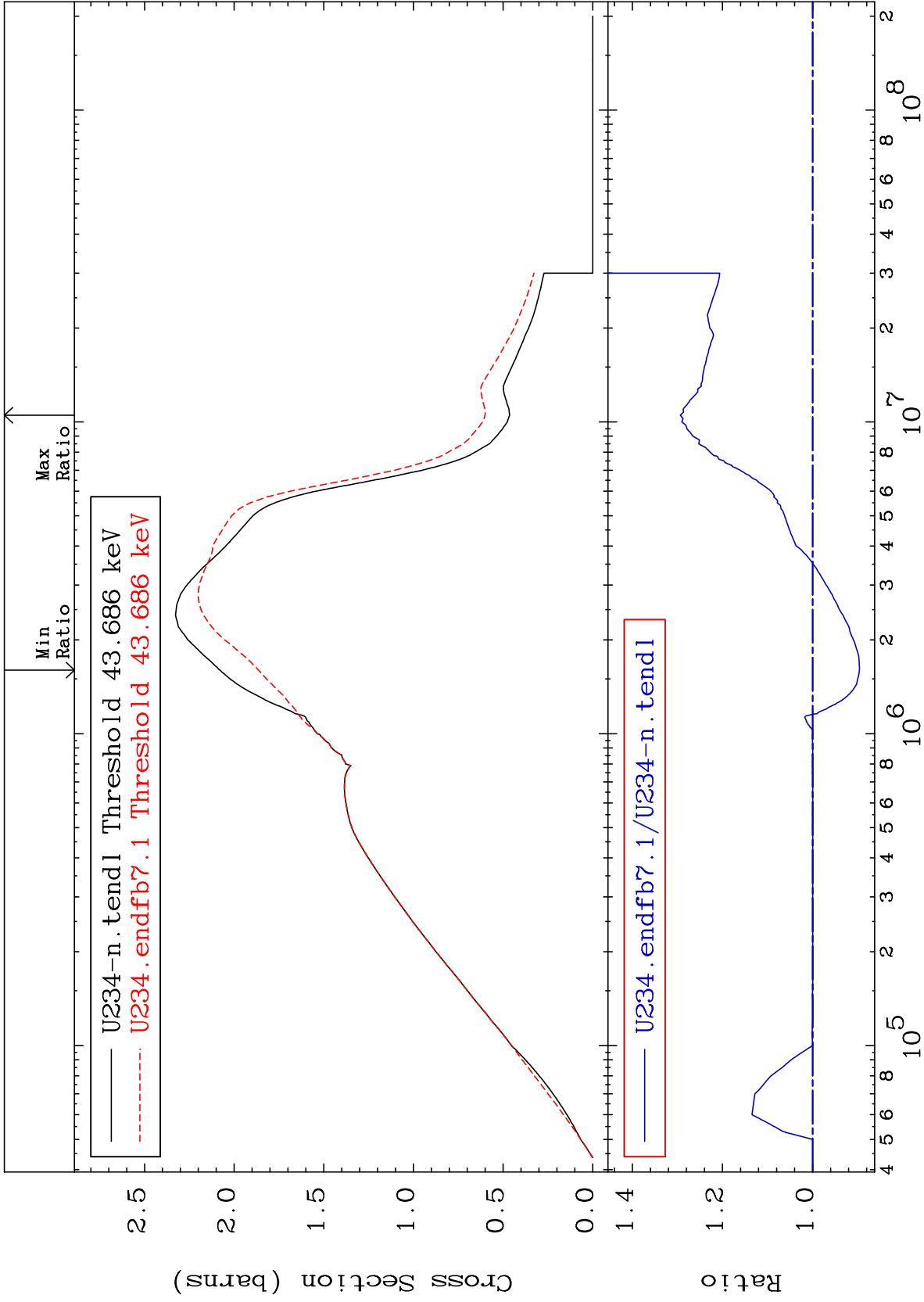
Incident Energy (eV)

2

MAT 9225

92-U -234
-10.38 To 29.35 %

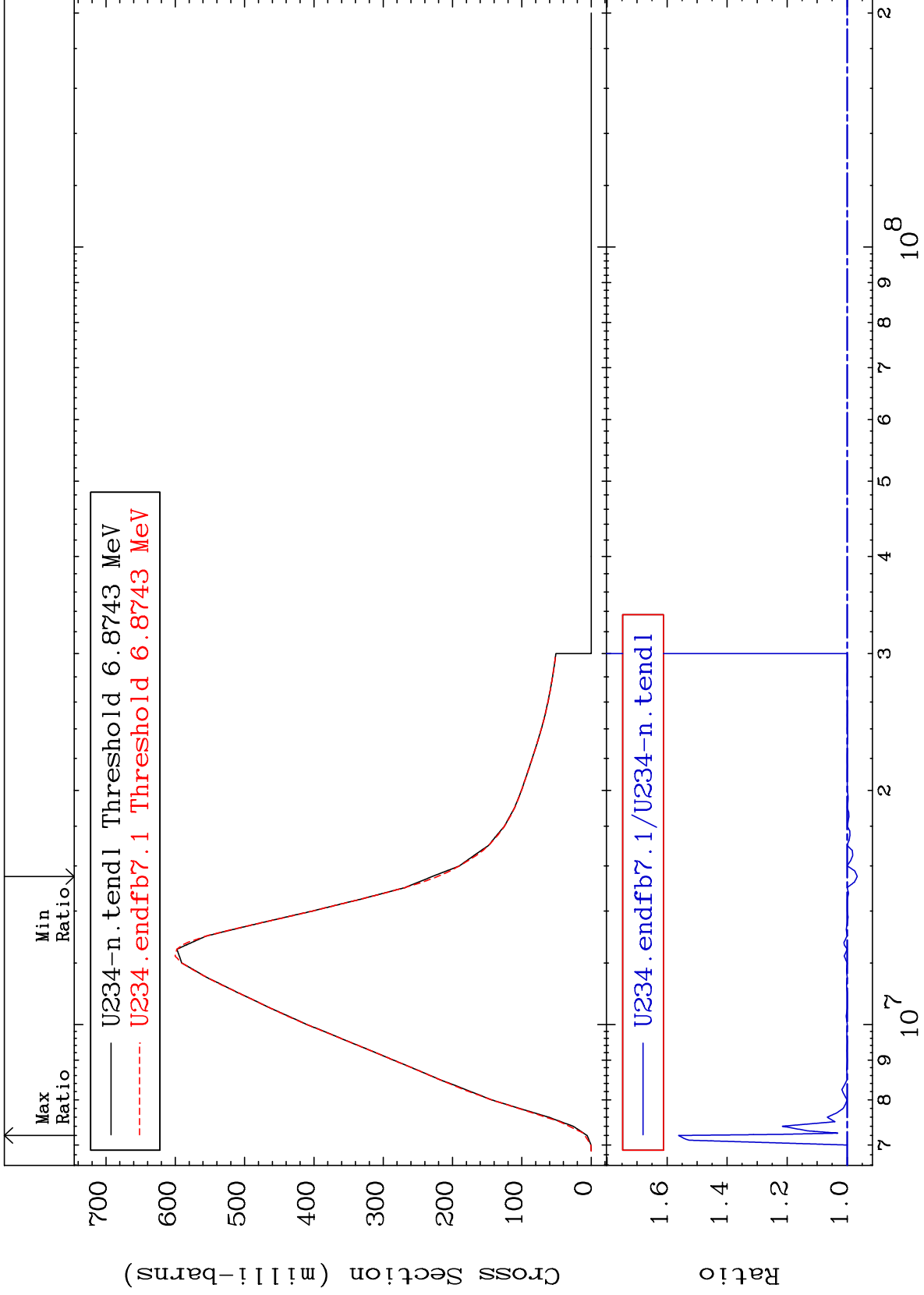
Inelastic
Cross Section



MAT 9225

(n,2n)
Cross Section

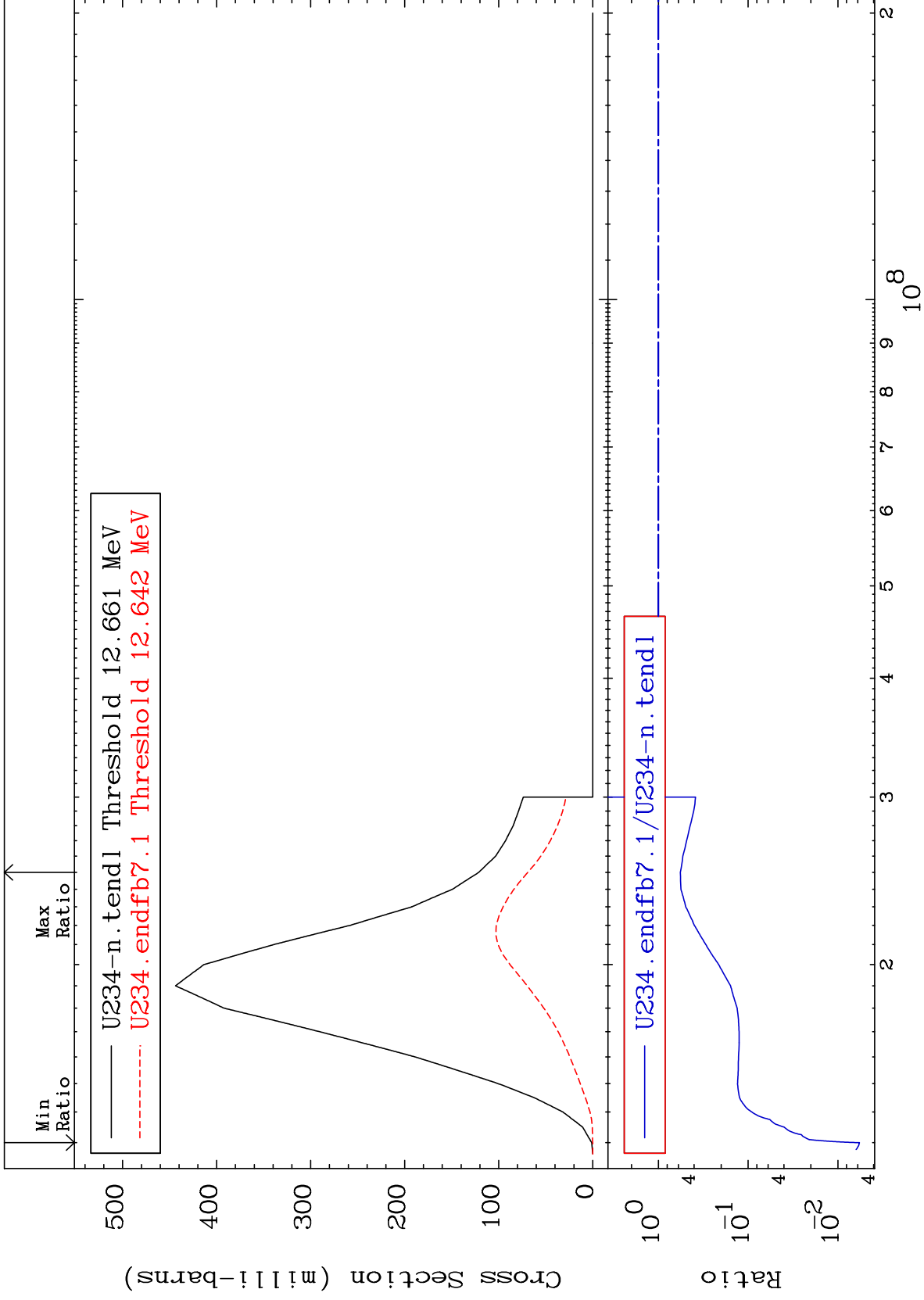
92-U -234
-3.362 To 56.15 %



MAT 9225

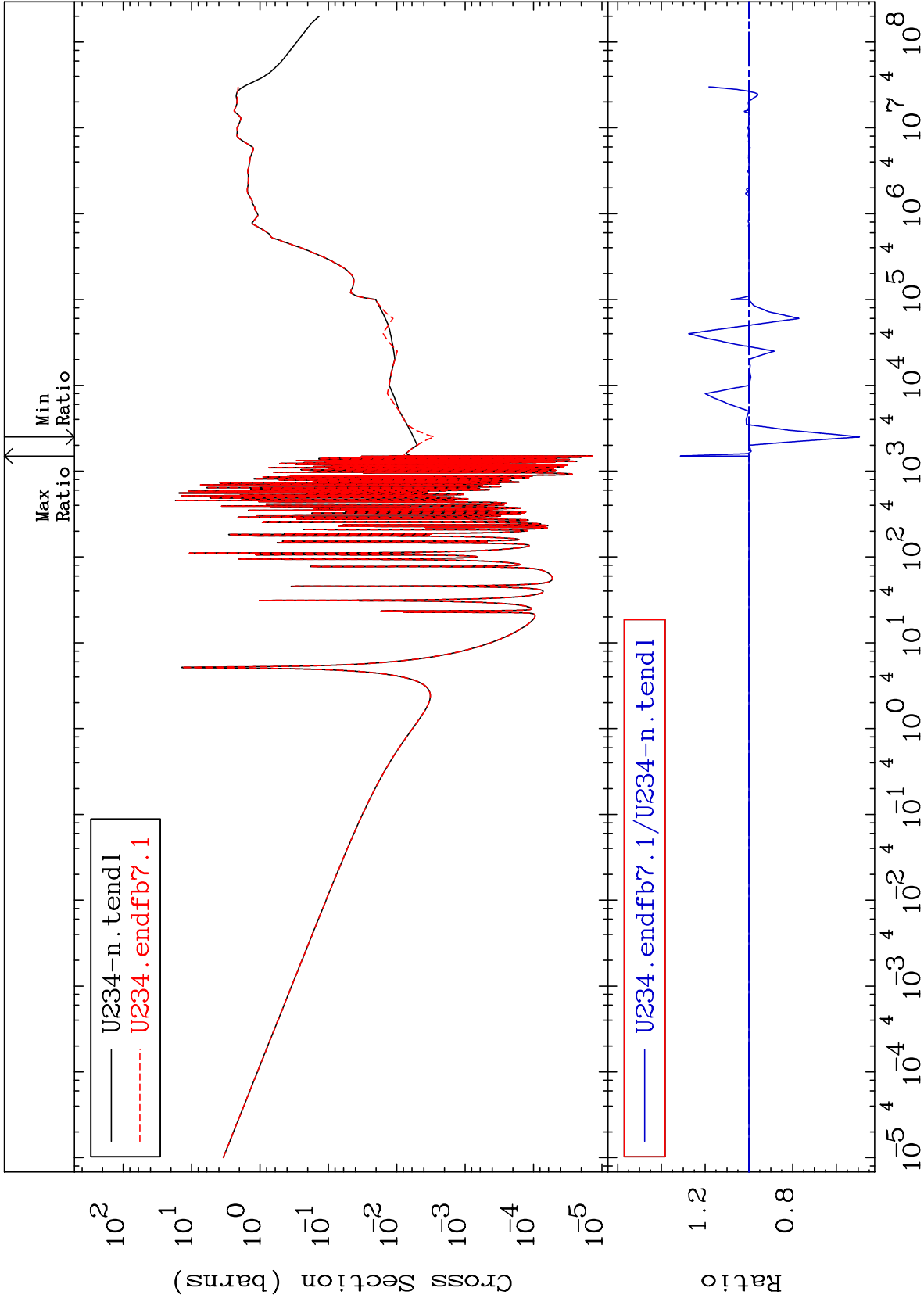
(n,3n)
Cross Section

92-U -234
-99.42 To -43.01%



MAT 9225

Fission Cross Section 92-U -234
-50.55 To 31.33 %



6

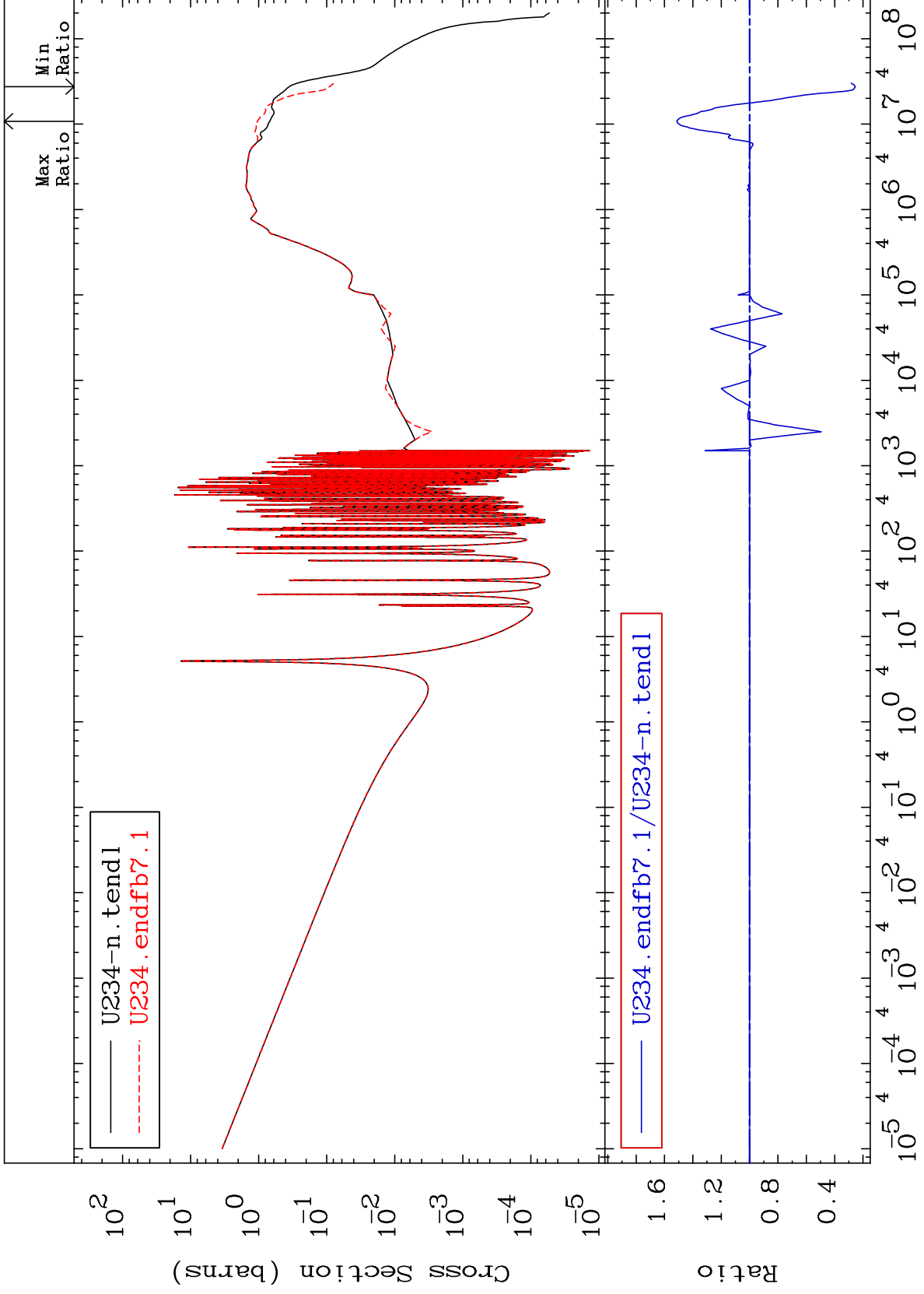
Incident Energy (eV)

92-U -234

MAT 9225

(n,f) First Chance
Cross Section

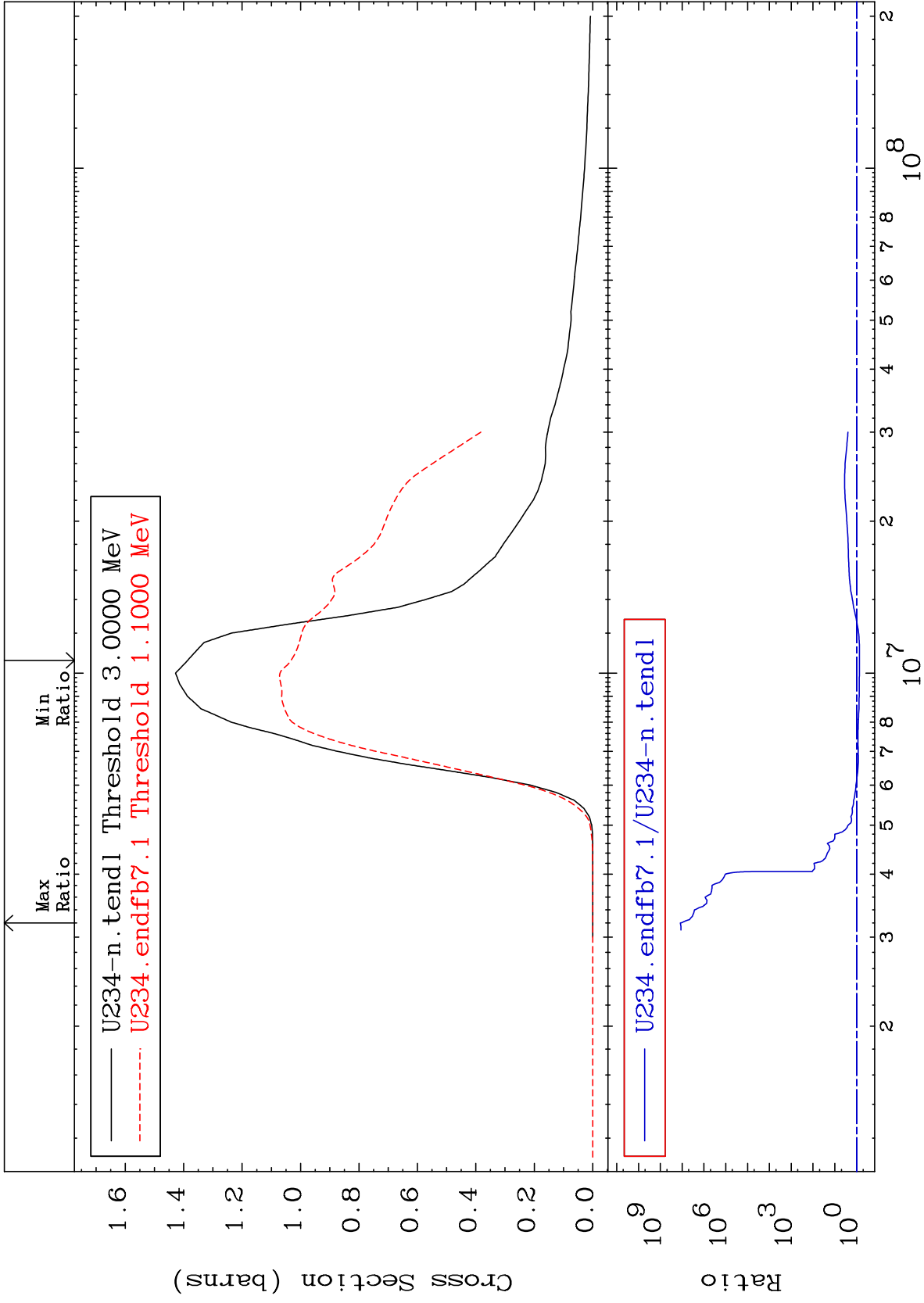
92-U -234
-74.39 To 51.23 %

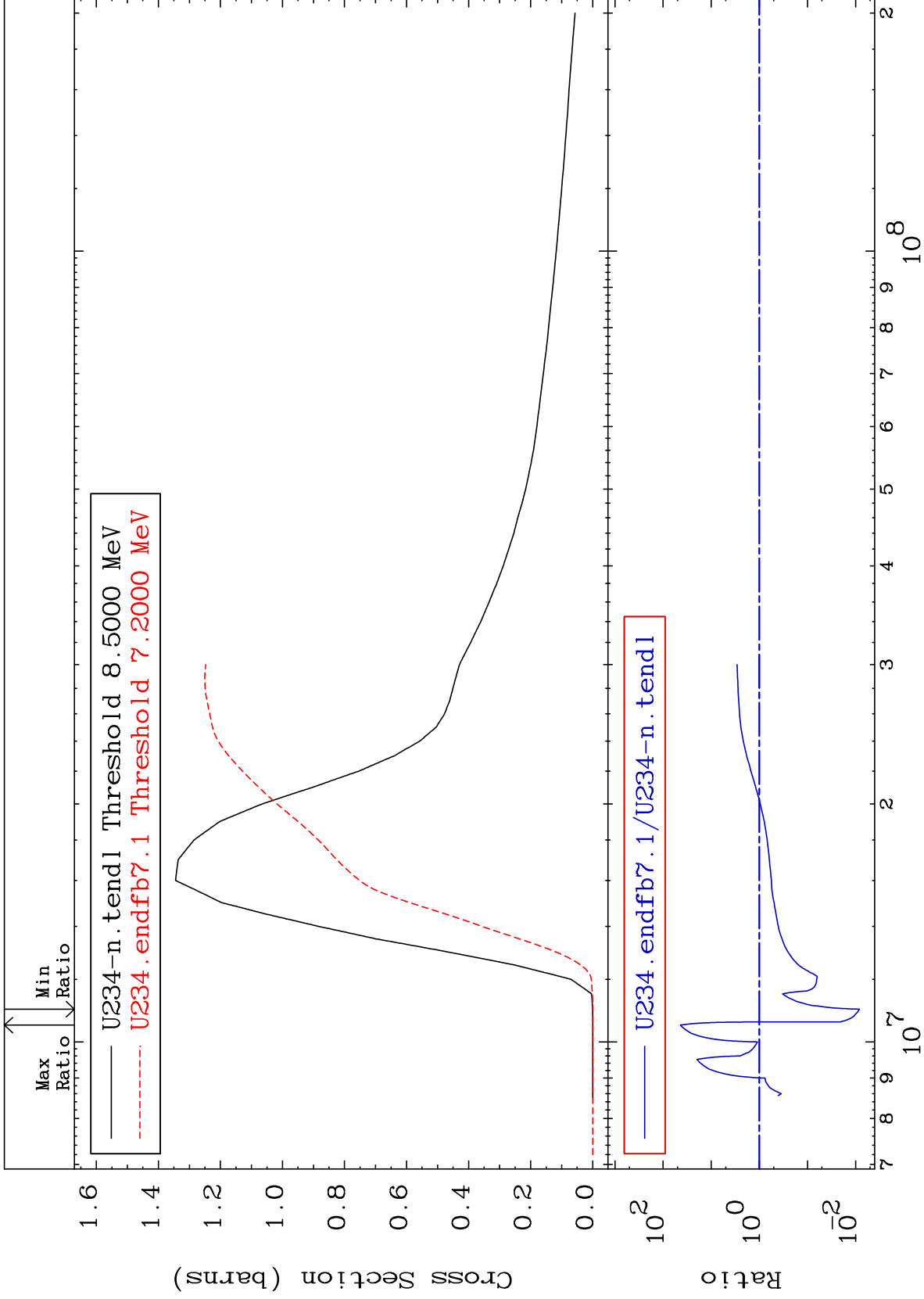


7

Incident Energy (eV)

92-U -234





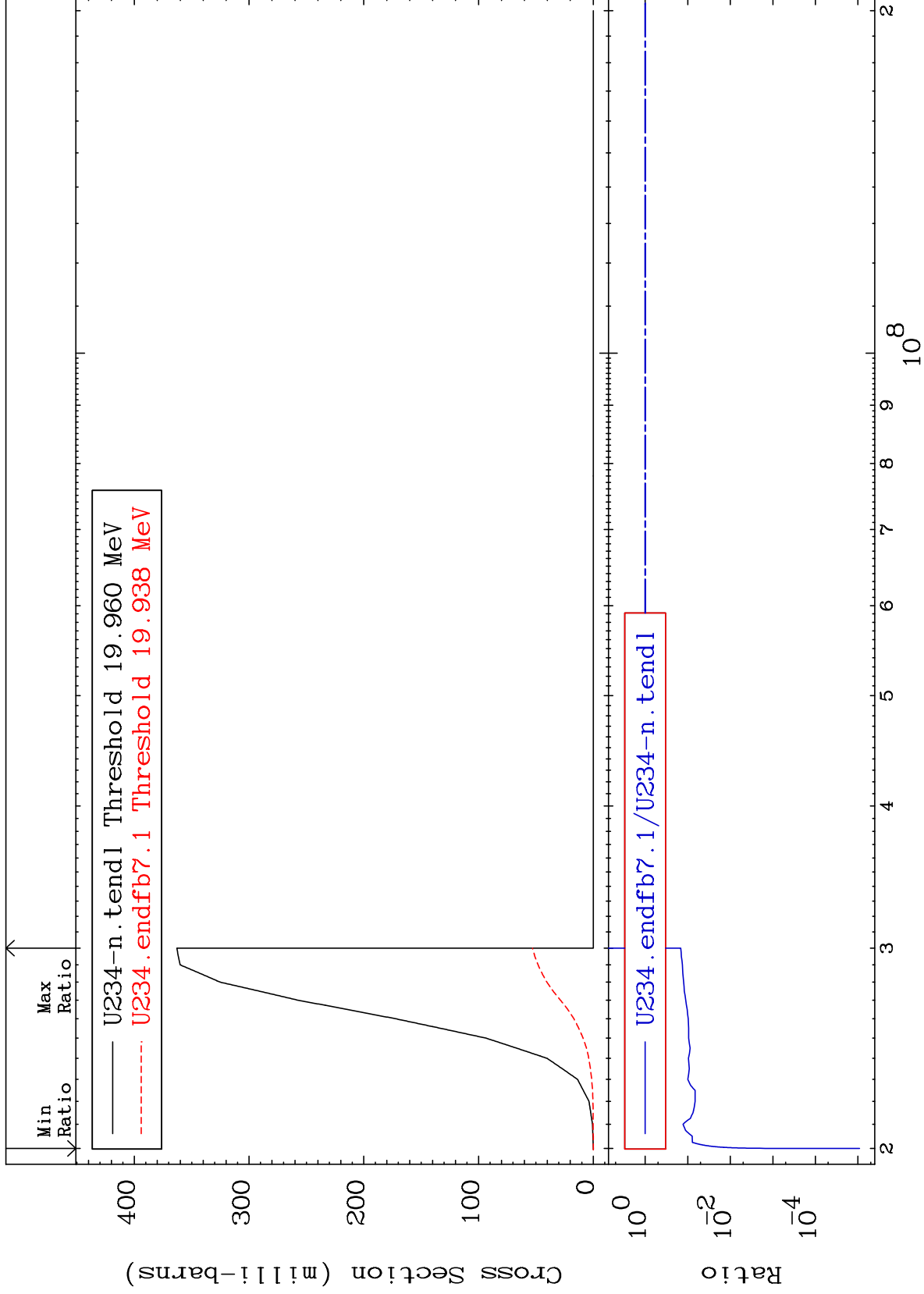
MAT 9225

(n,4n)

92-U -234

Cross Section

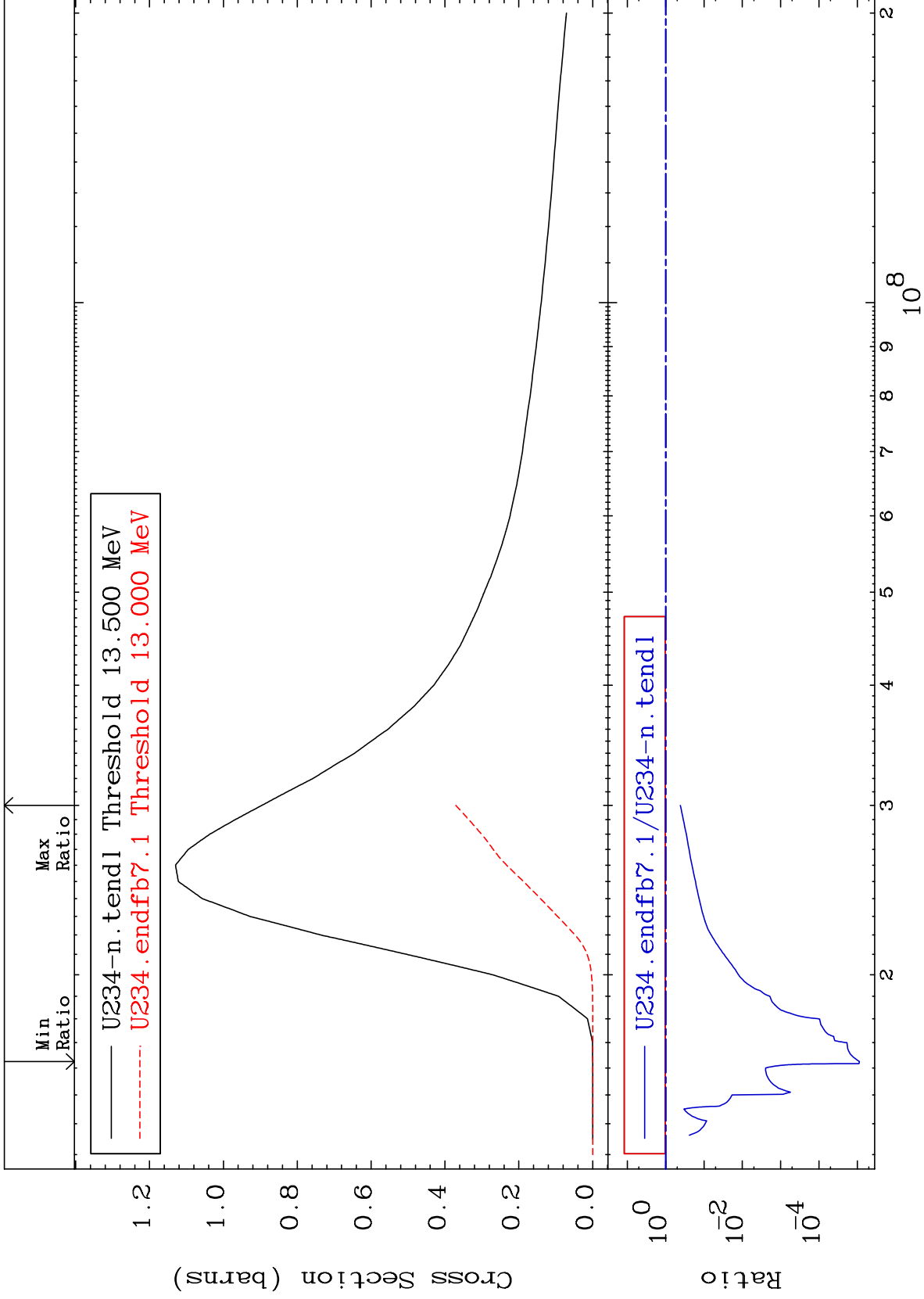
-100.0 To -85.41%



10

Incident Energy (eV)

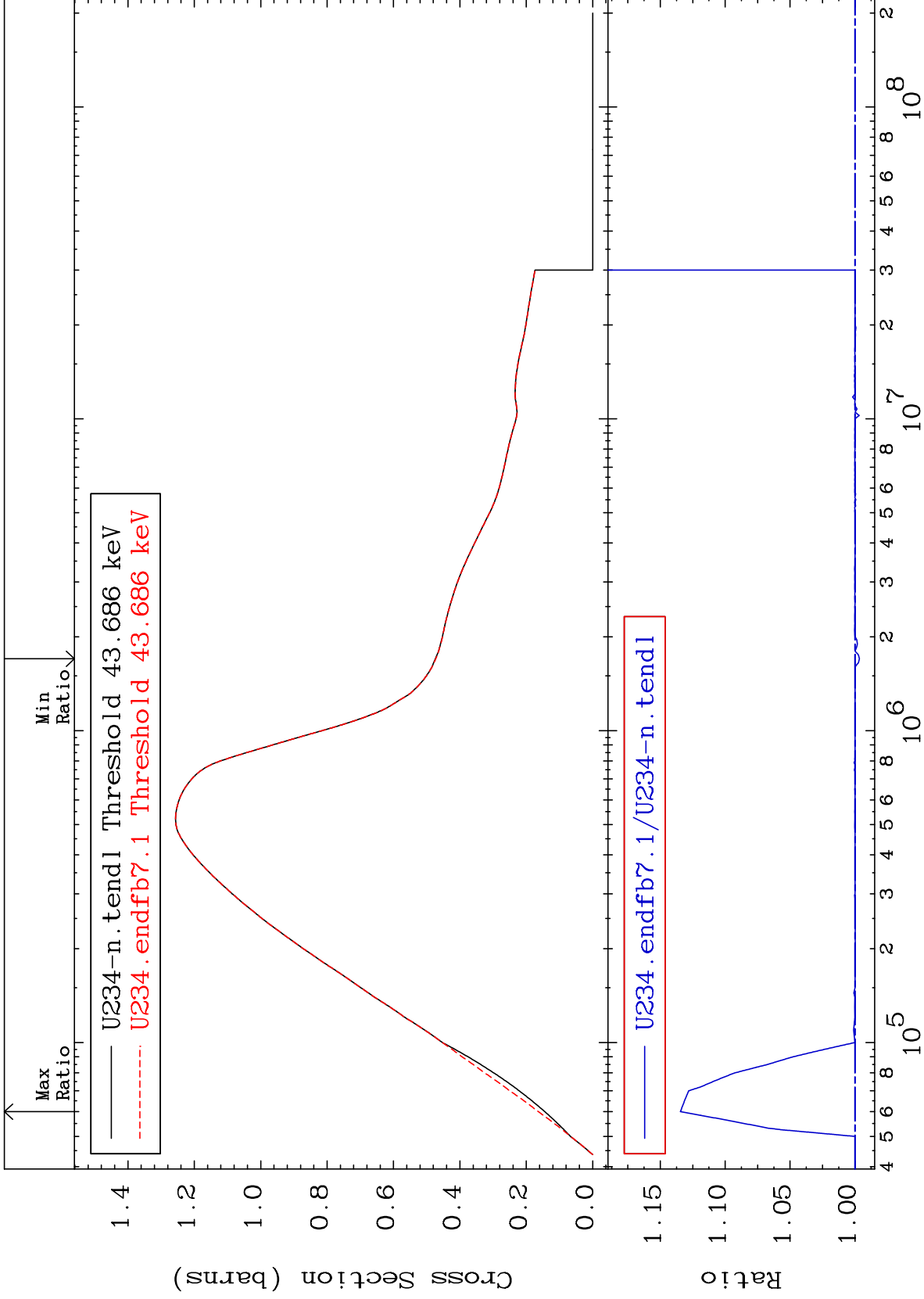
92-U -234



MAT 9225

43.50 keV (n,n') Level
Cross Section

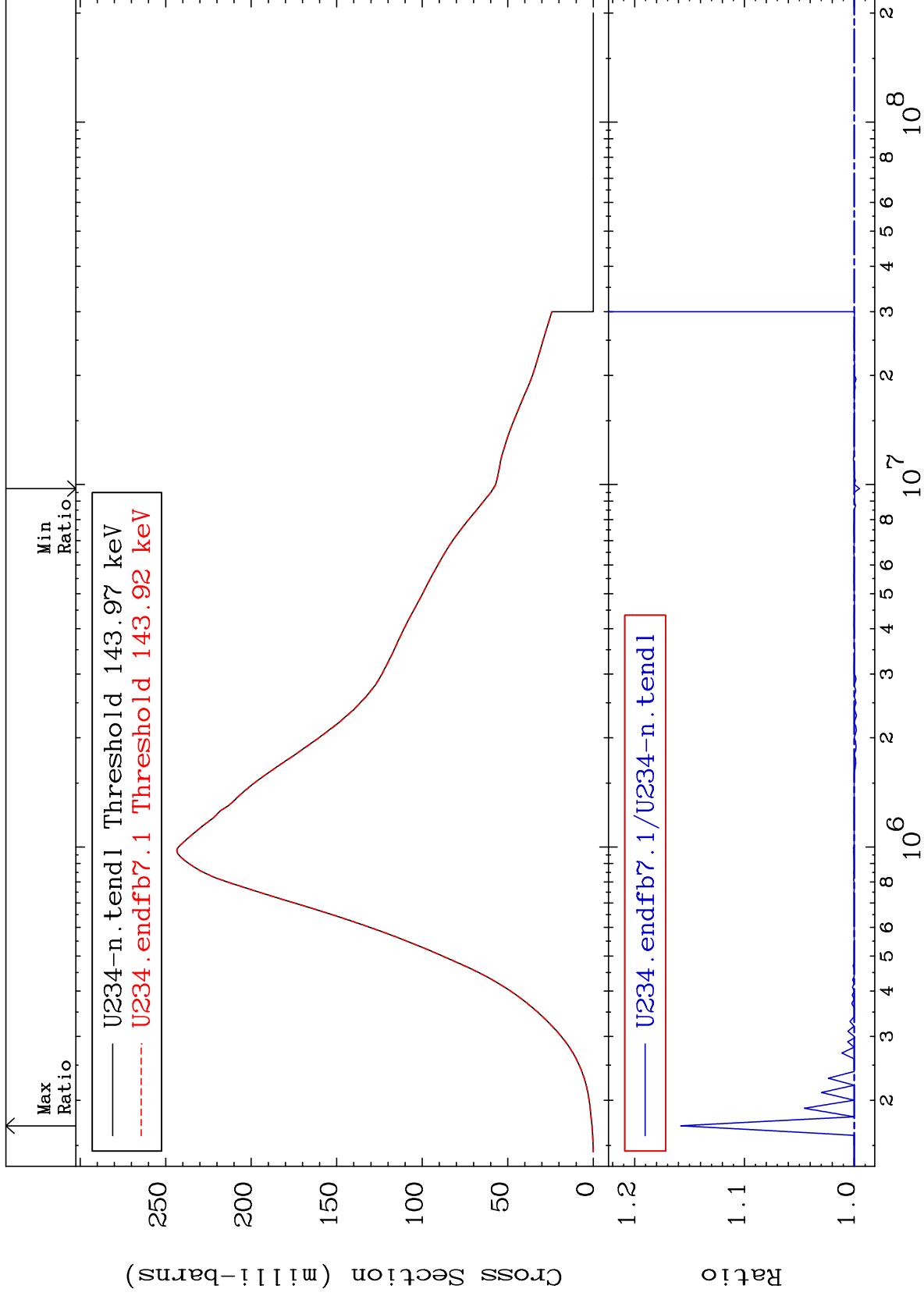
92-U -234
-0.344 To 13.45 %



MAT 9225

143.4 keV (n,n') Level
Cross Section

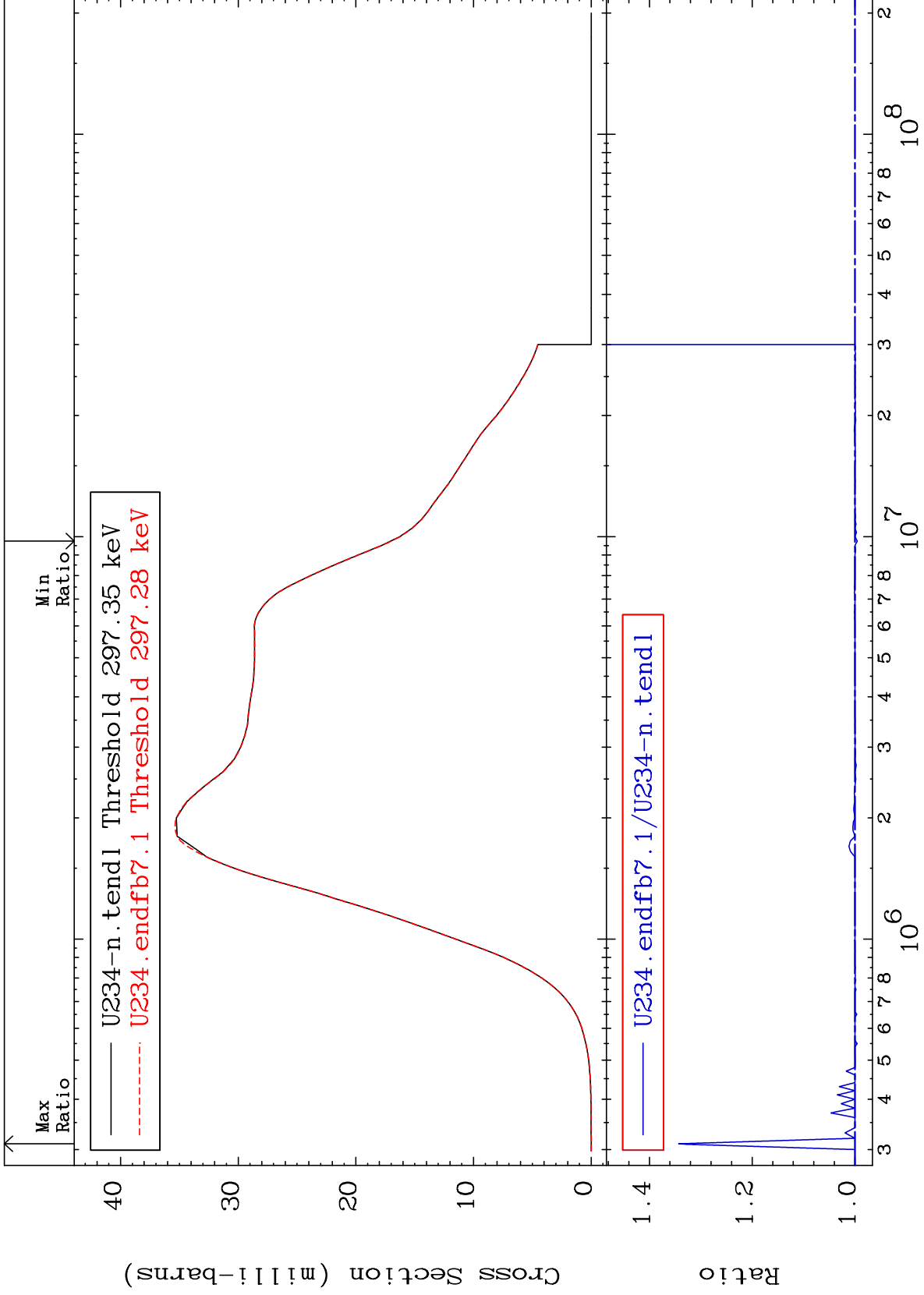
92-U -234
-0.488 To 15.80 %



MAT 9225

296.1 keV (n,n') Level
Cross Section

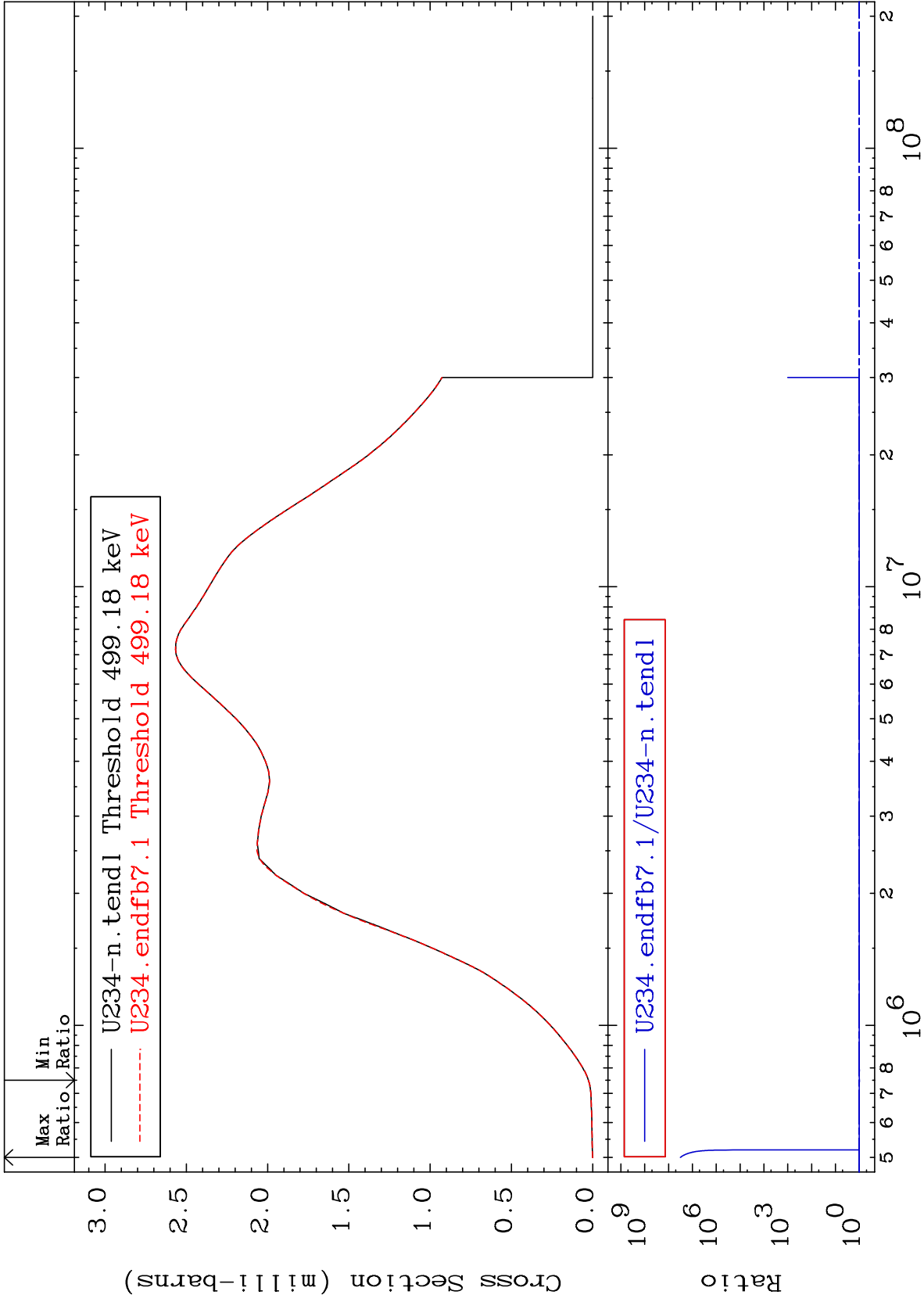
92-U -234
-0.445 To 34.31 %



14

Incident Energy (eV)

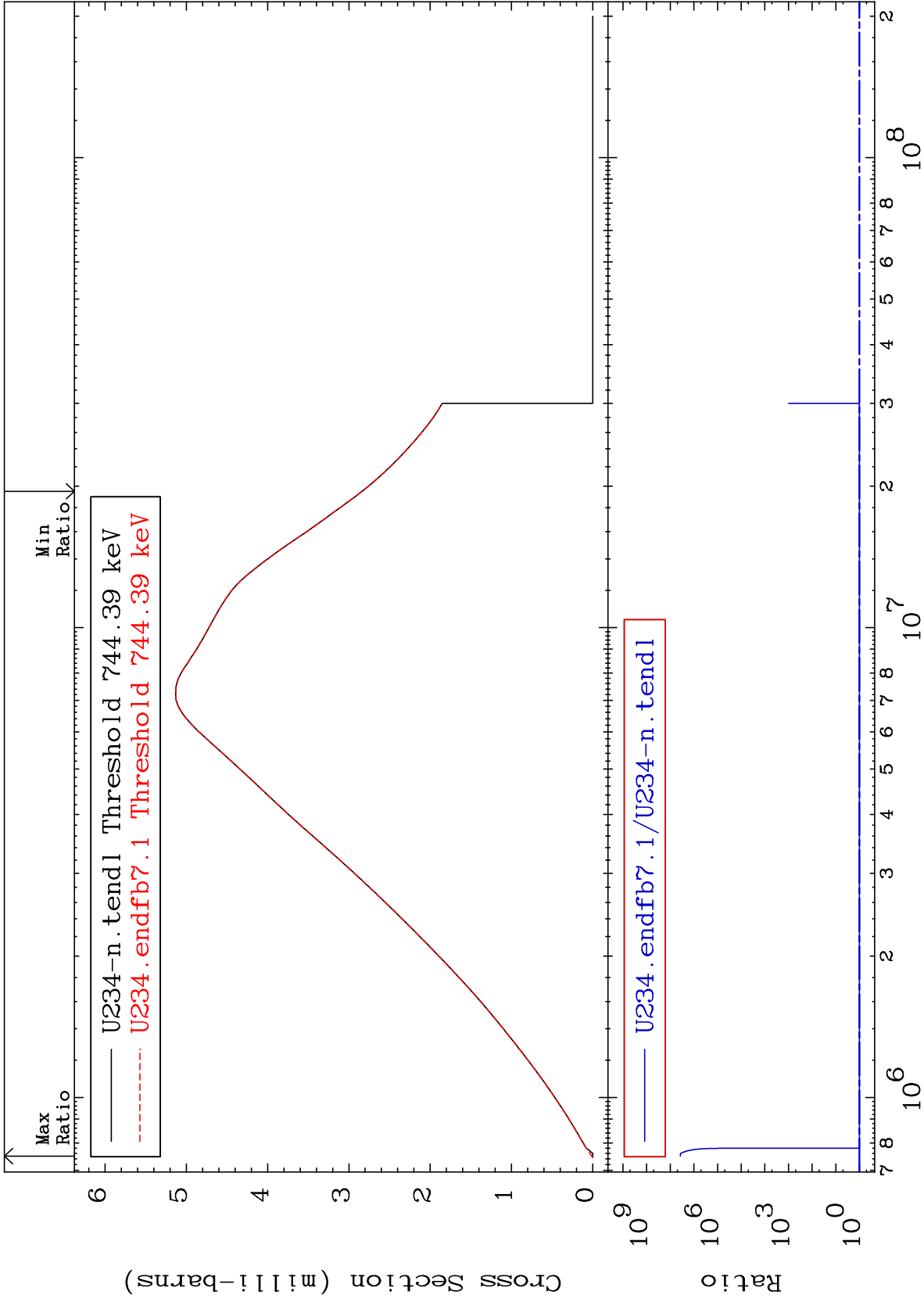
92-U -234



MAT 9225

741.2 keV (n,n') Level
Cross Section

92-U -234
-0.129 To 9999. %



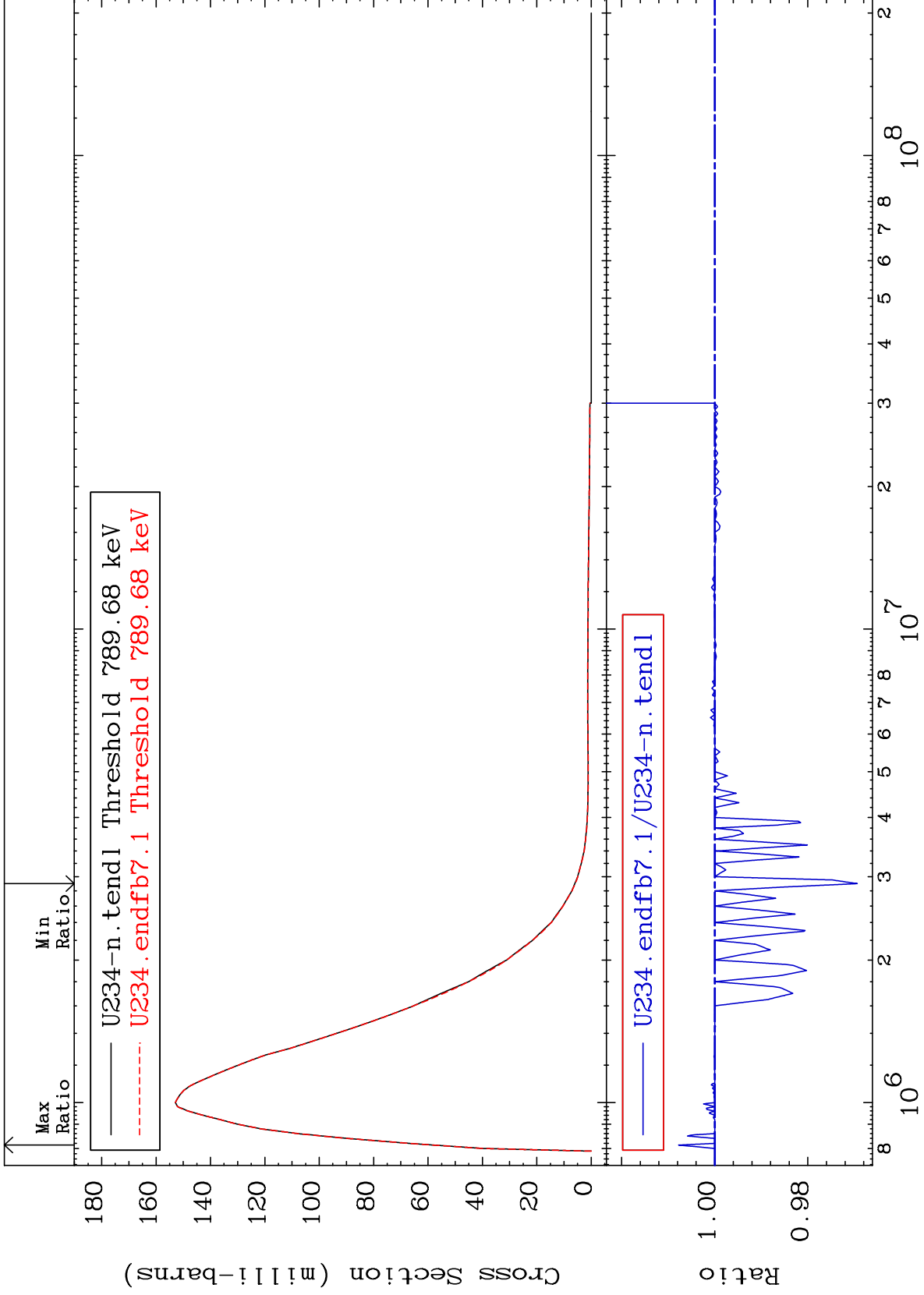
16

92-U -234

MAT 9225

786.3 keV (n,n') Level
Cross Section

92-U -234
-3.061 To 0.775 %



17

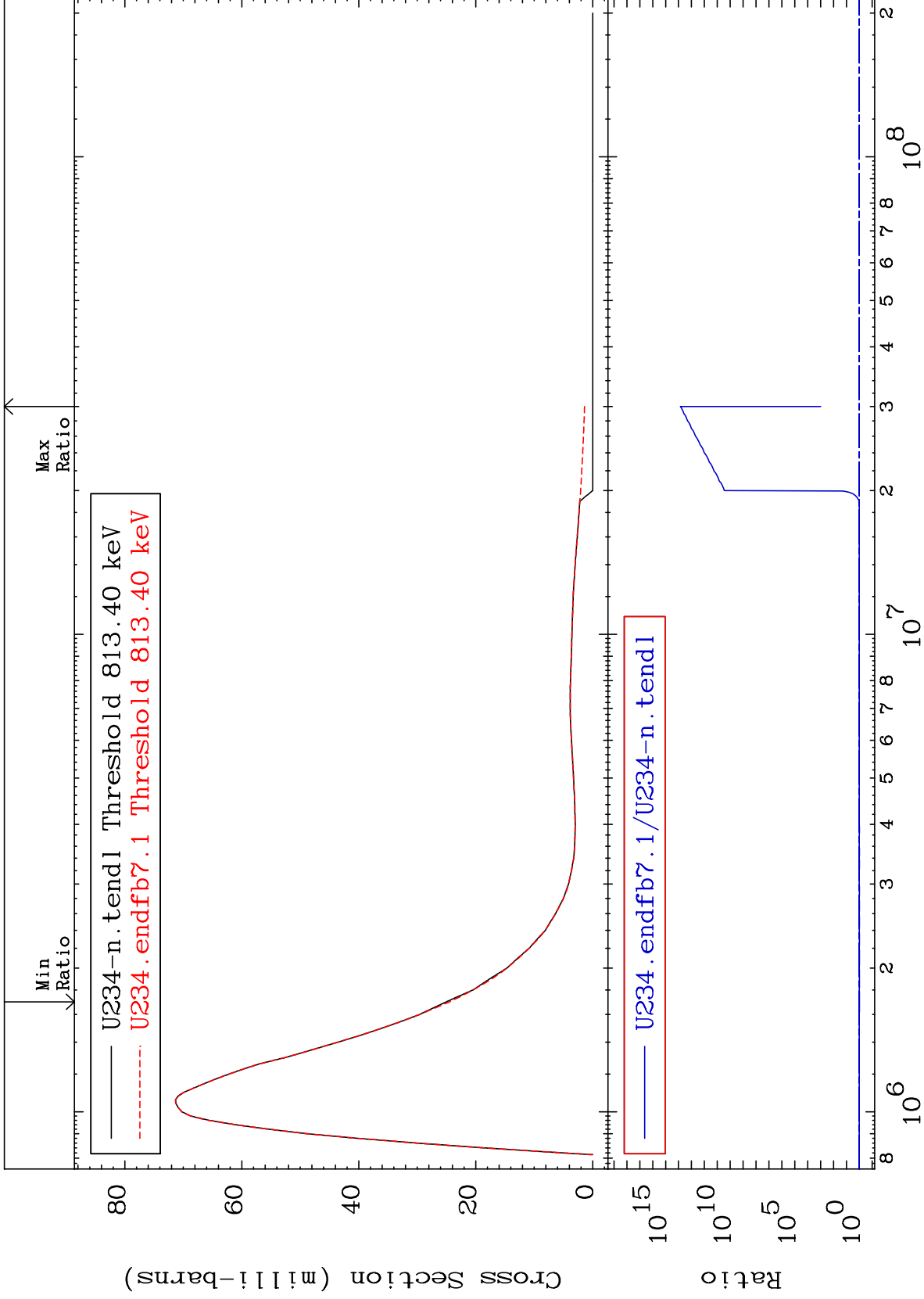
Incident Energy (eV)

92-U -234

MAT 9225

809.9 keV (n,n') Level
Cross Section

92-U -234
-2.133 To 9999. %



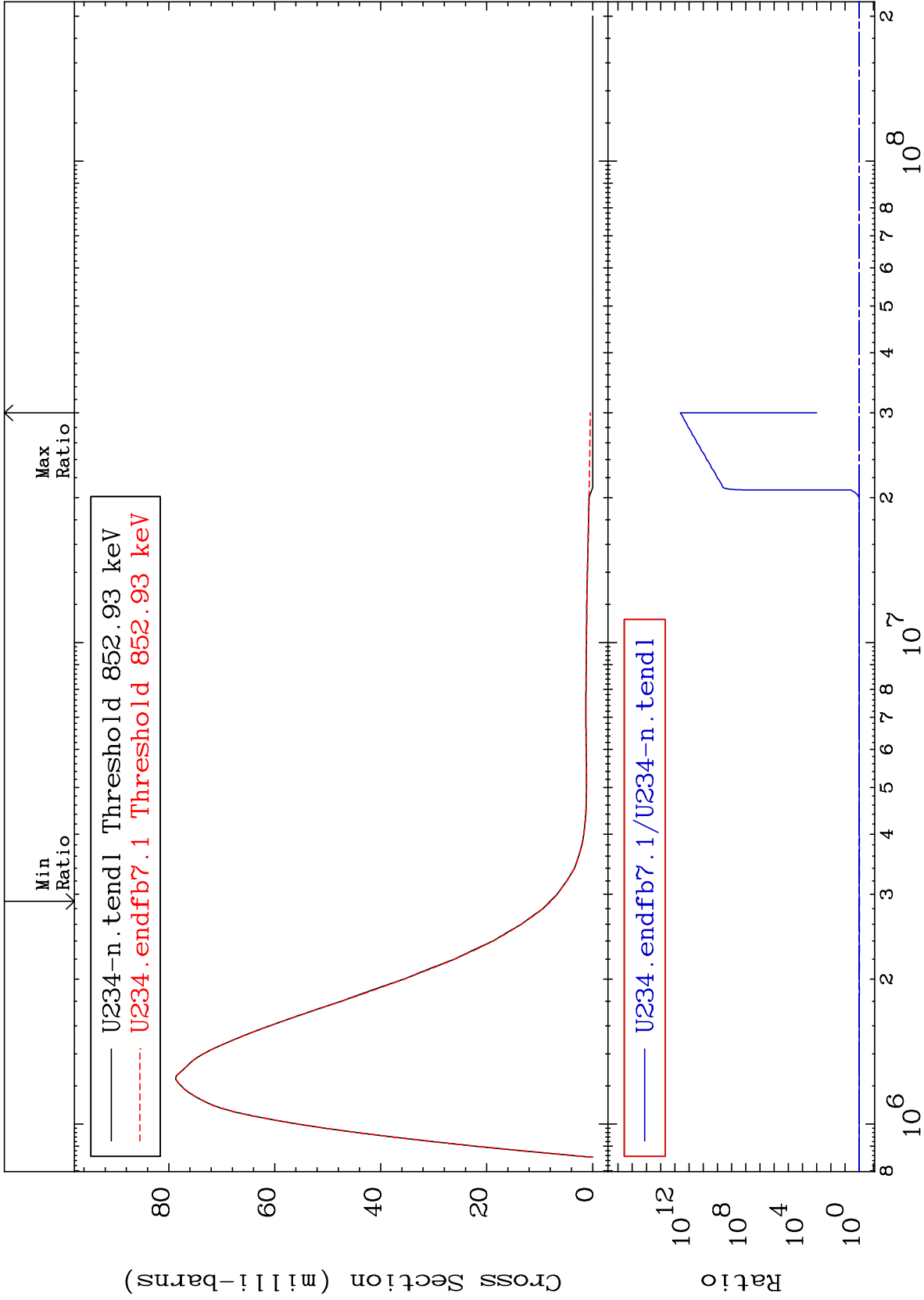
18

92-U -234

MAT 9225

849.3 keV (n,n') Level
Cross Section

92-U -234
-2.342 To 9999. %



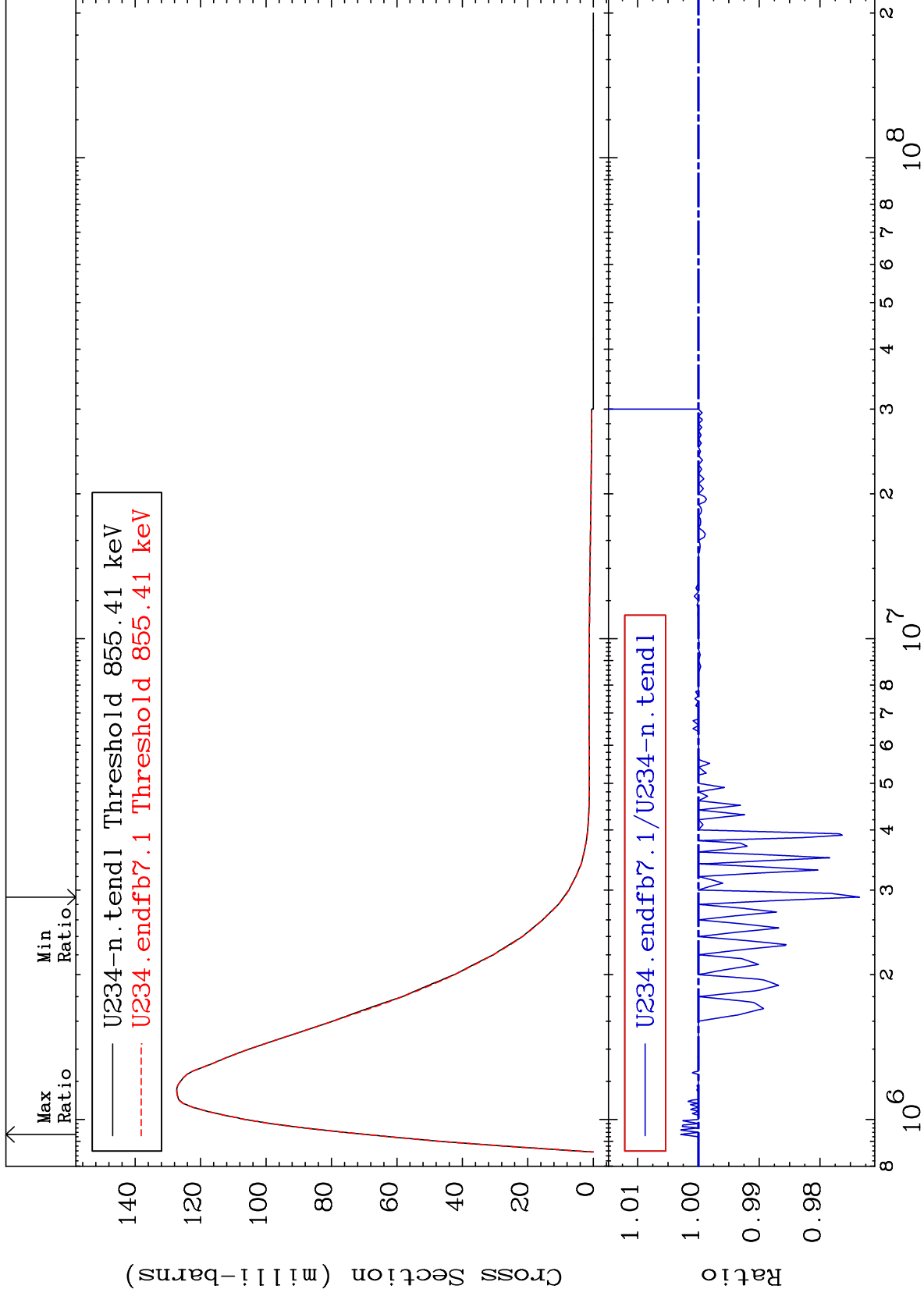
19

92-U -234

MAT 9225

851.7 keV (n,n') Level
Cross Section

92-U -234
-2.649 To 0.292 %



20

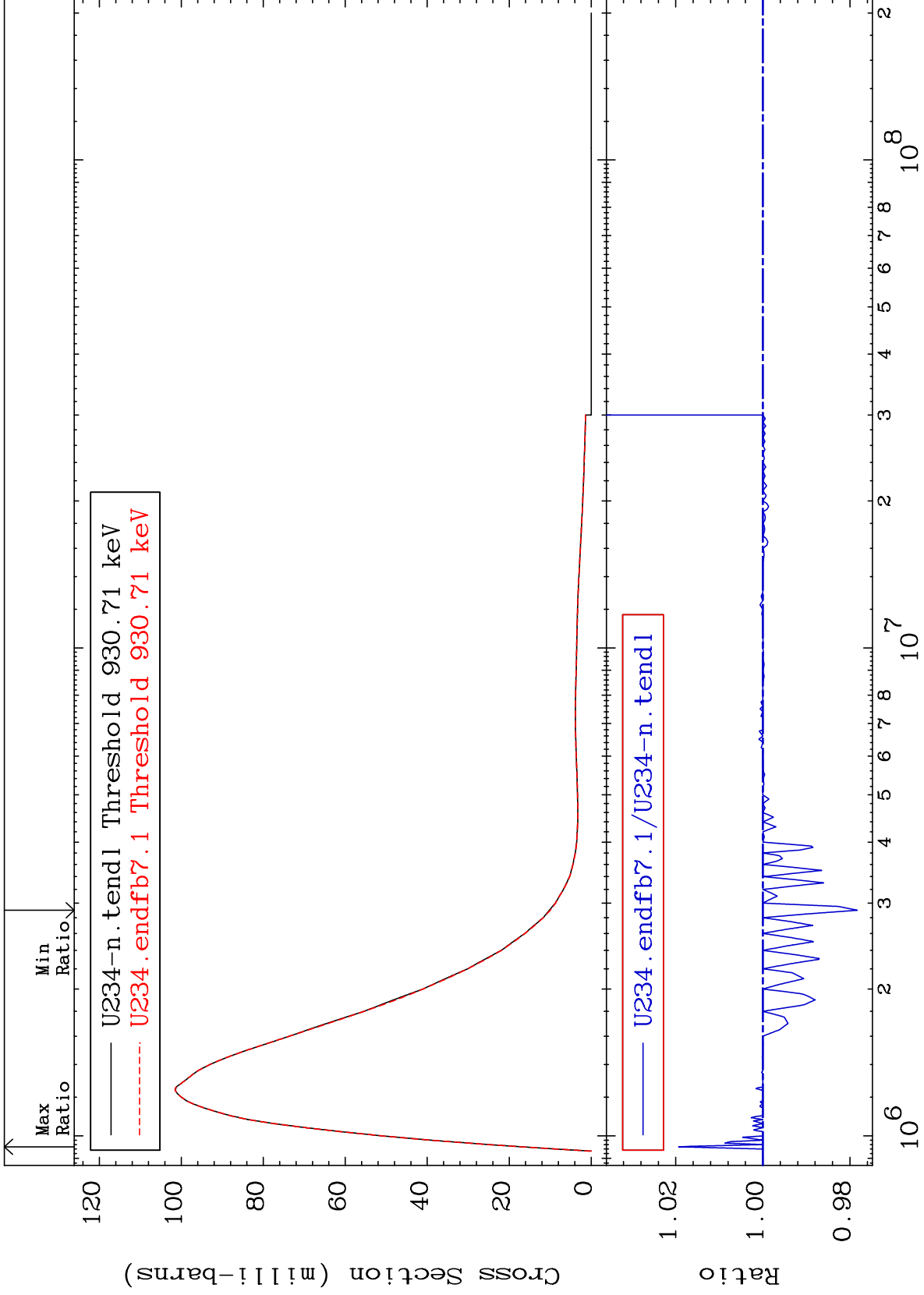
Incident Energy (eV)

92-U -234

MAT 9225

926.7 keV (n,n') Level
Cross Section

92-U -234
-2.168 To 1.934 %



21

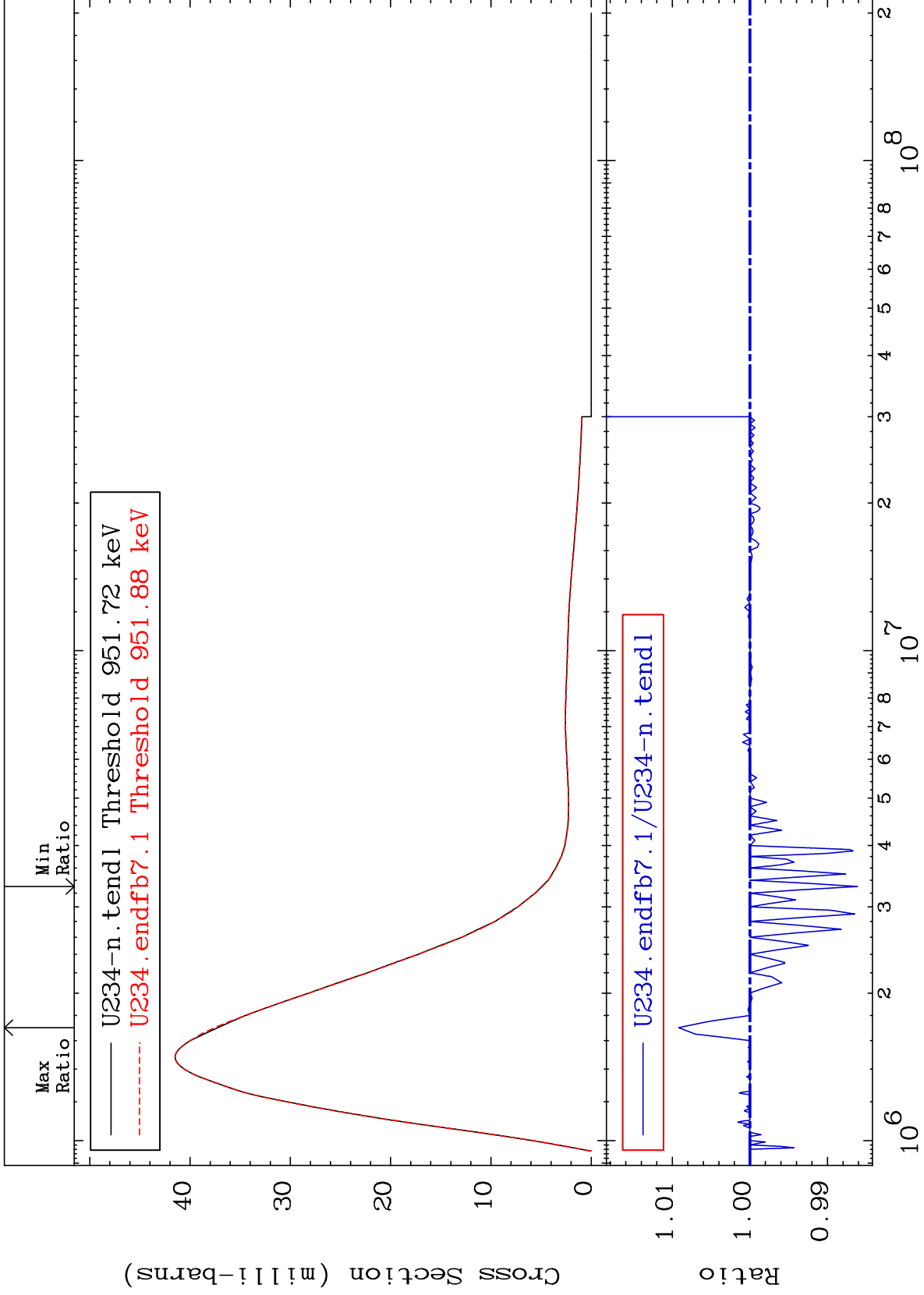
Incident Energy (eV)

92-U -234

MAT 9225

947.6 keV (n,n') Level
Cross Section

92-U -234
-1.383 To 0.918 %



22

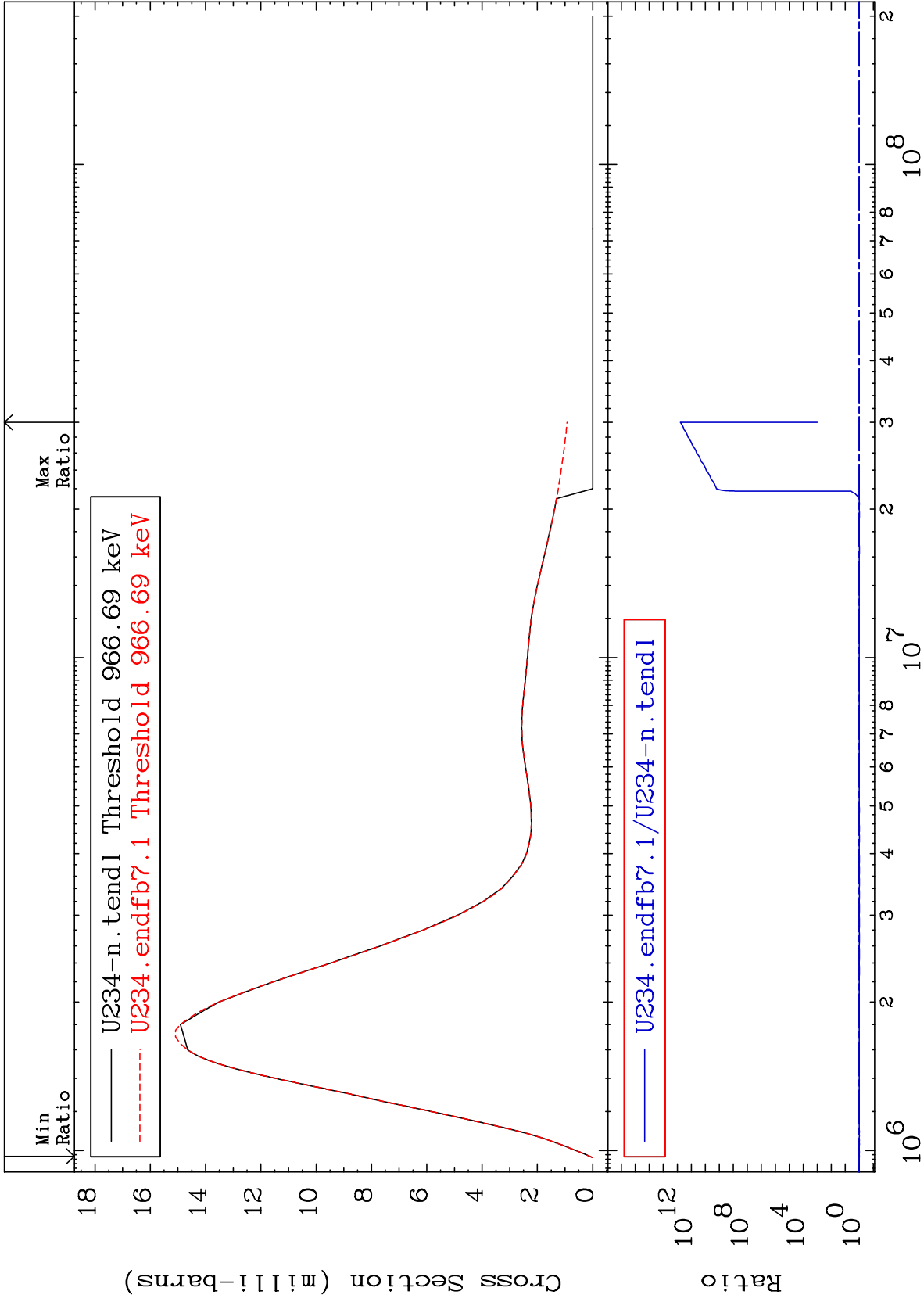
Incident Energy (eV)

92-U -234

MAT 9225

962.5 keV (n,n') Level
Cross Section

92-U -234
-1.830 To 9999. %



23

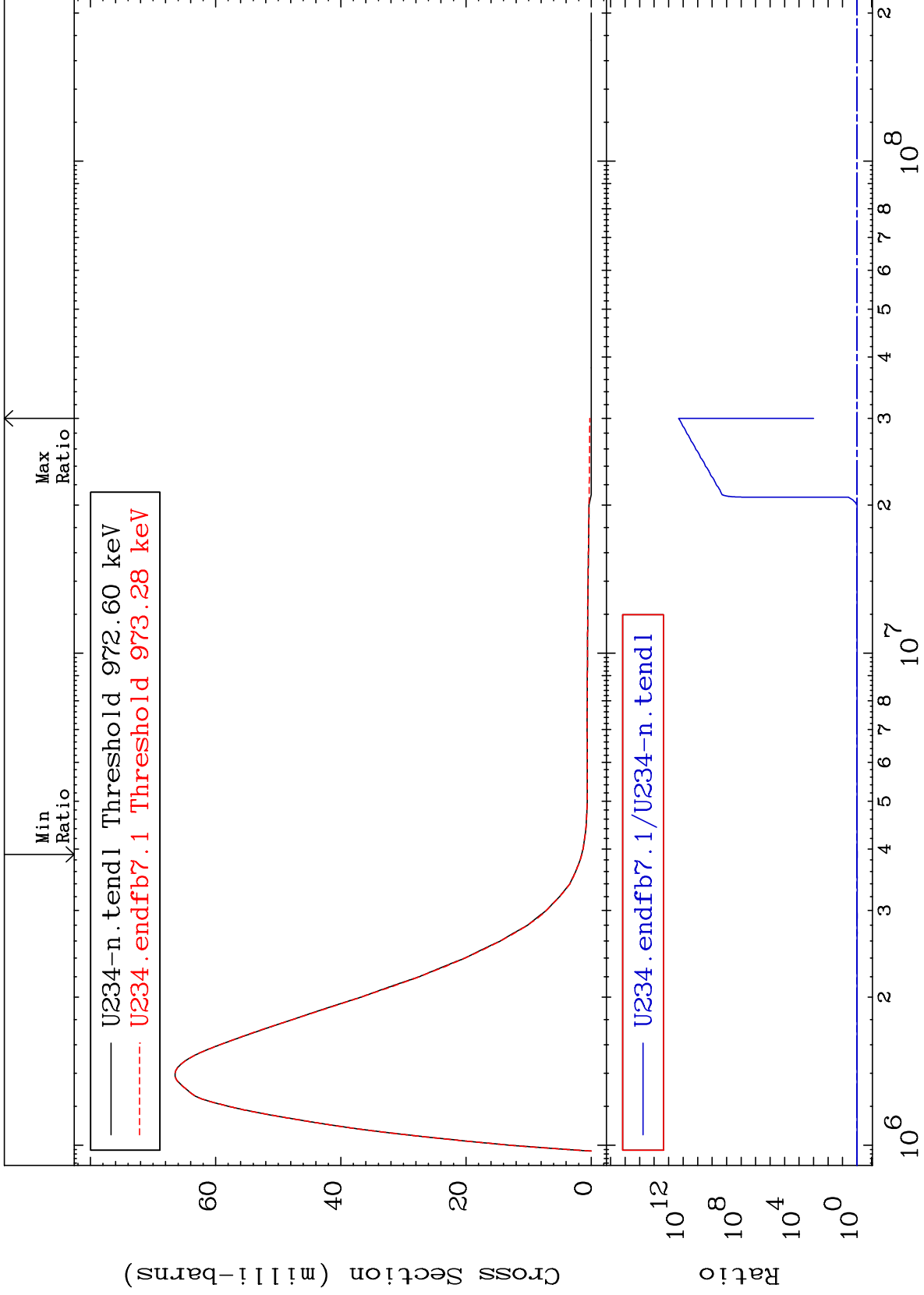
Incident Energy (eV)

92-U -234

MAT 9225

968.4 keV (n,n') Level
Cross Section

92-U -234
-2.974 To 9999. %



24

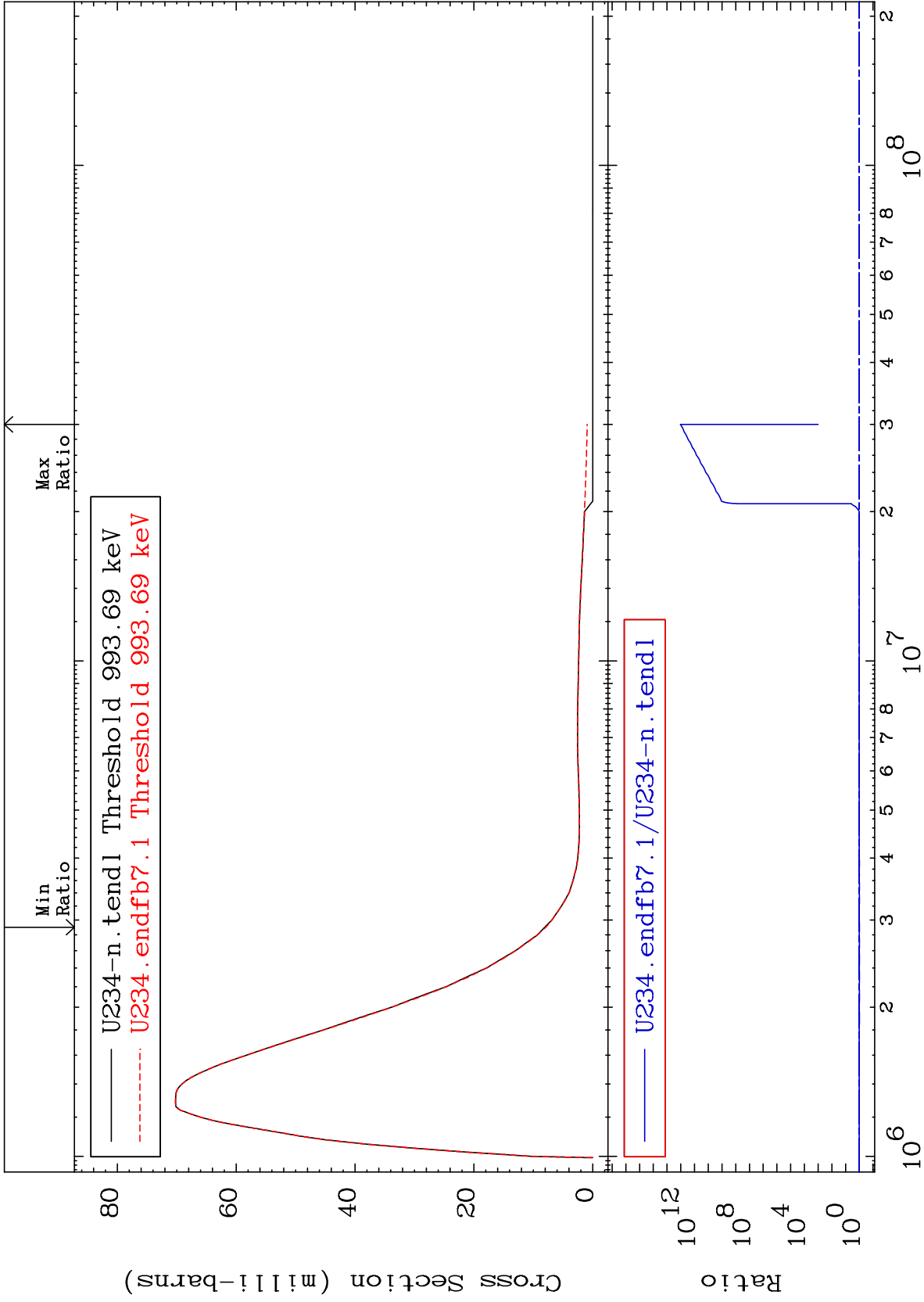
Incident Energy (eV)

92-U -234

MAT 9225

989.4 keV (n,n') Level
Cross Section

92-U -234
-2.246 To 9999. %



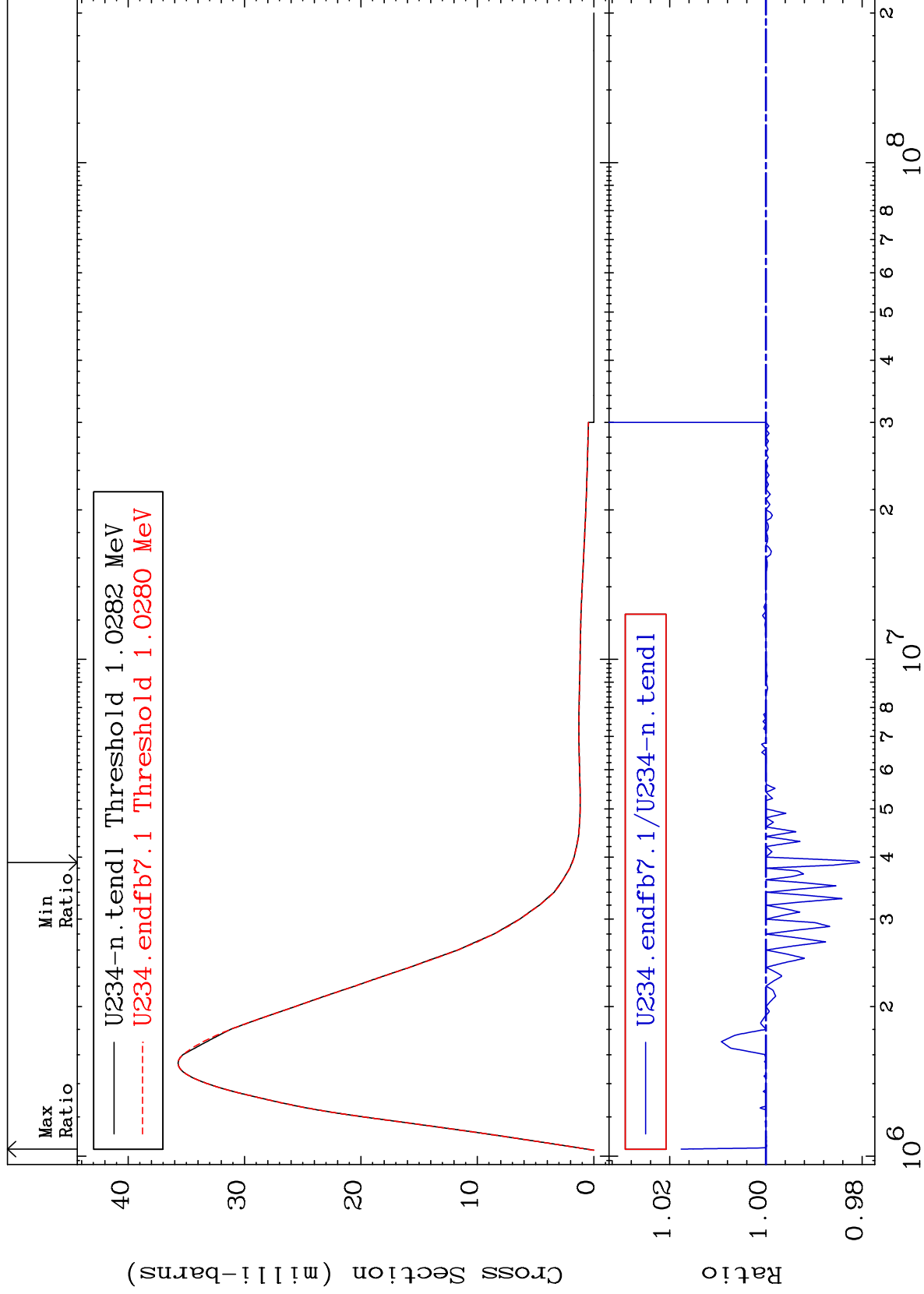
25

92-U -234

MAT 9225

1.024 MeV (n,n') Level
Cross Section

92-U -234
-1.949 To 1.763 %



26

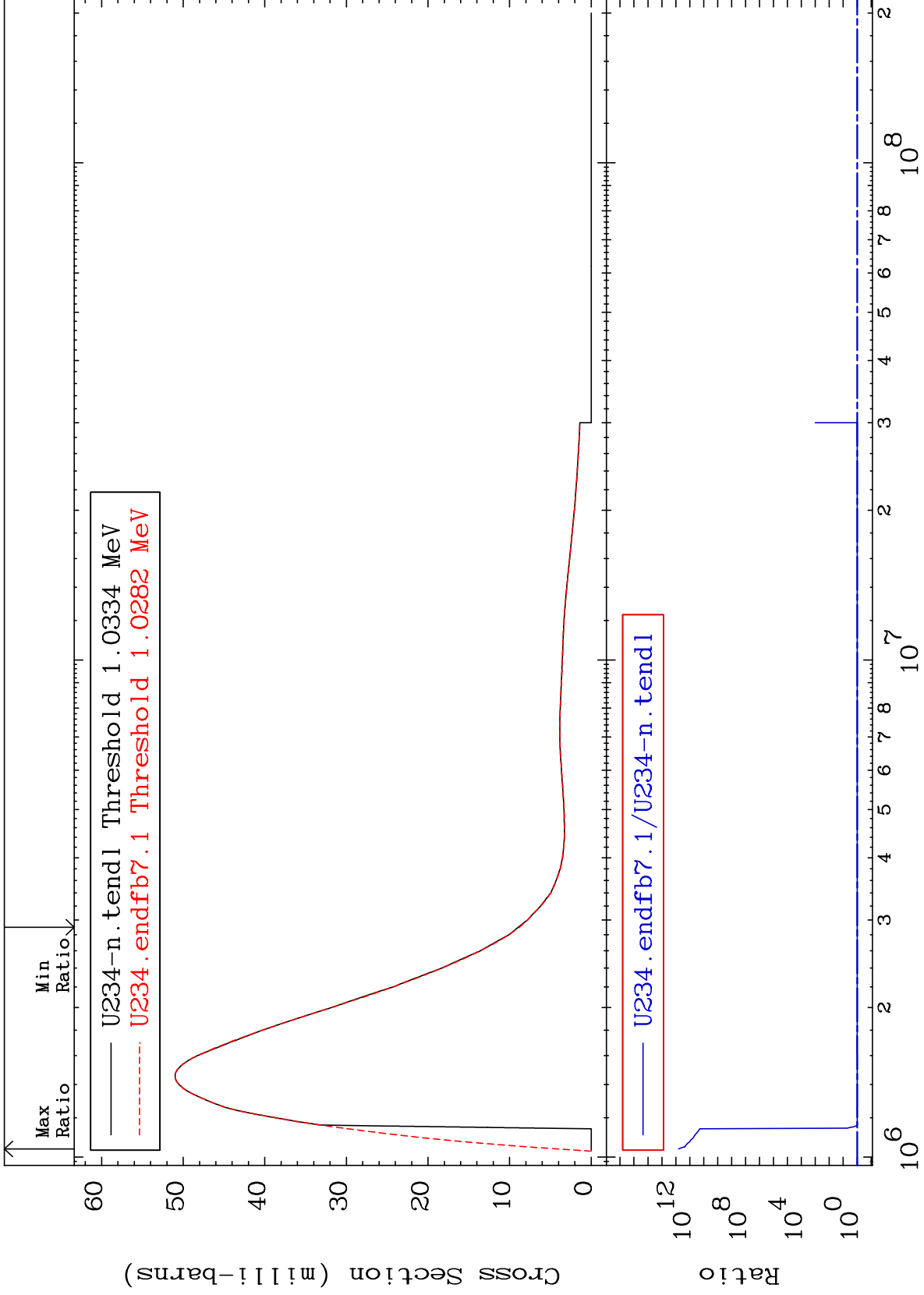
Incident Energy (eV)

92-U -234

MAT 9225

1.029 MeV (n,n') Level
Cross Section

92-U -234
-1.666 To 9999. %



27

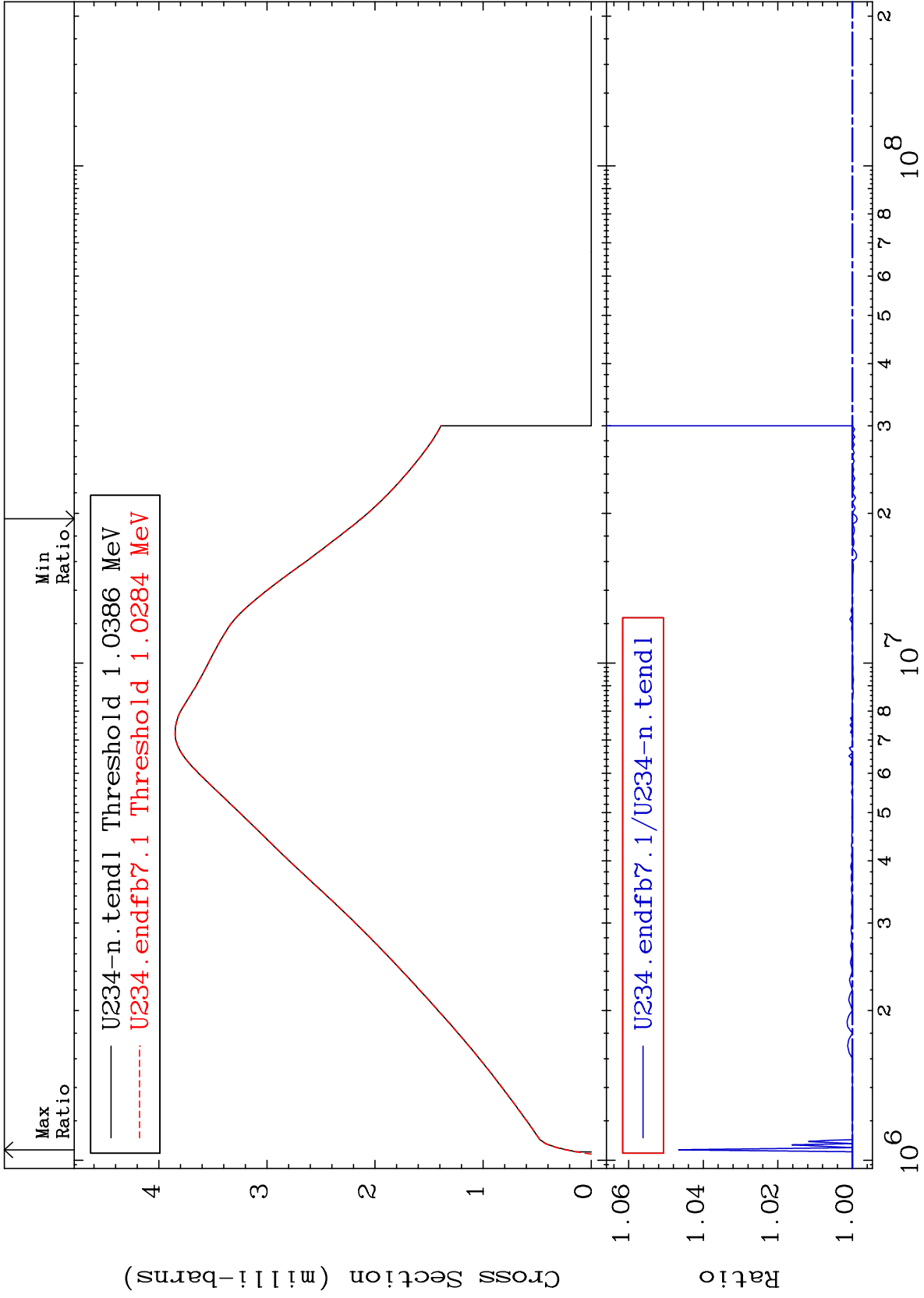
Incident Energy (eV)

92-U -234

MAT 9225

1.034 MeV (n,n') Level
Cross Section

92-U -234
-0.131 To 4.661 %



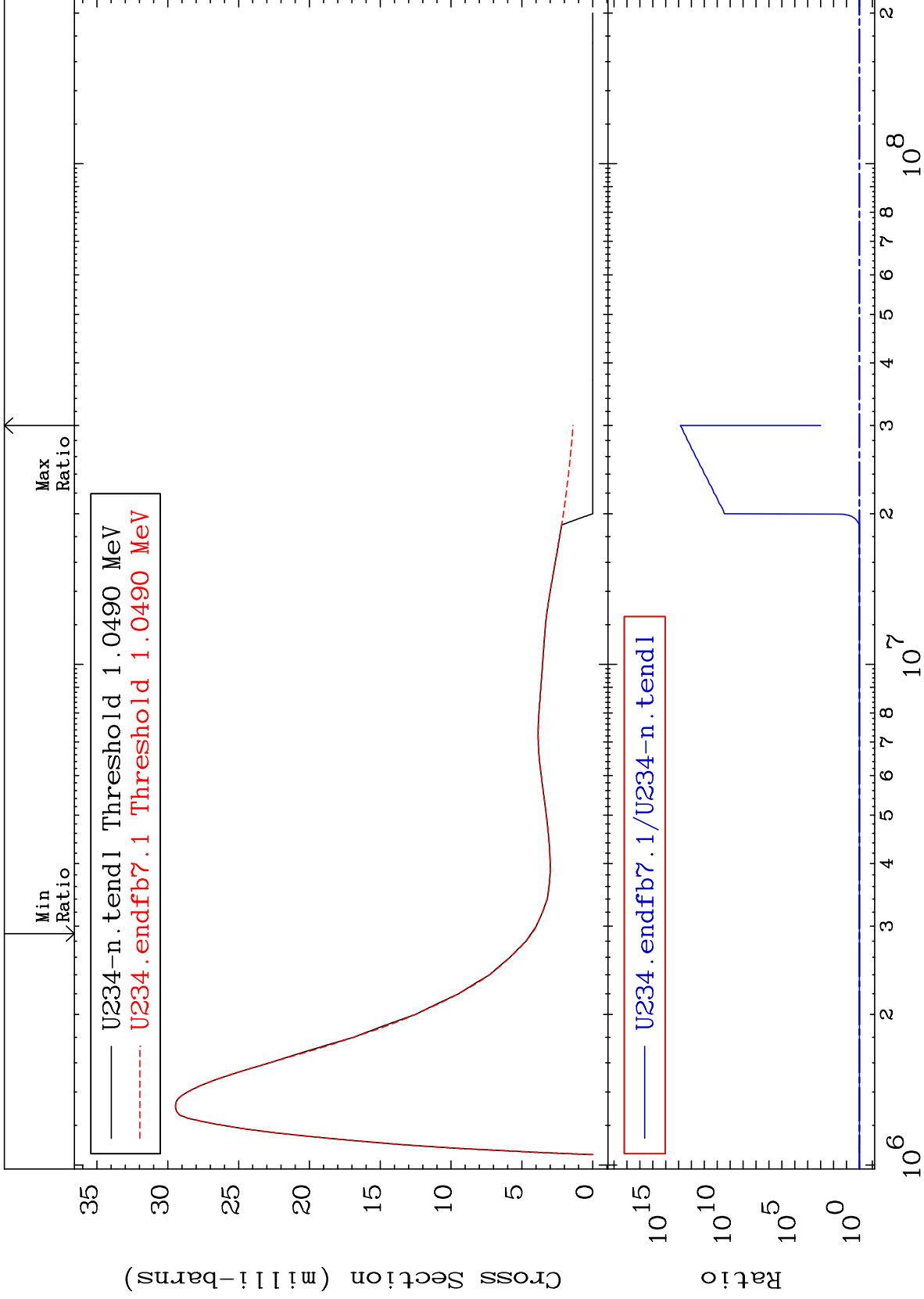
28

92-U -234

MAT 9225

1.045 MeV (n,n') Level
Cross Section

92-U -234
-1.454 To 9999. %



29

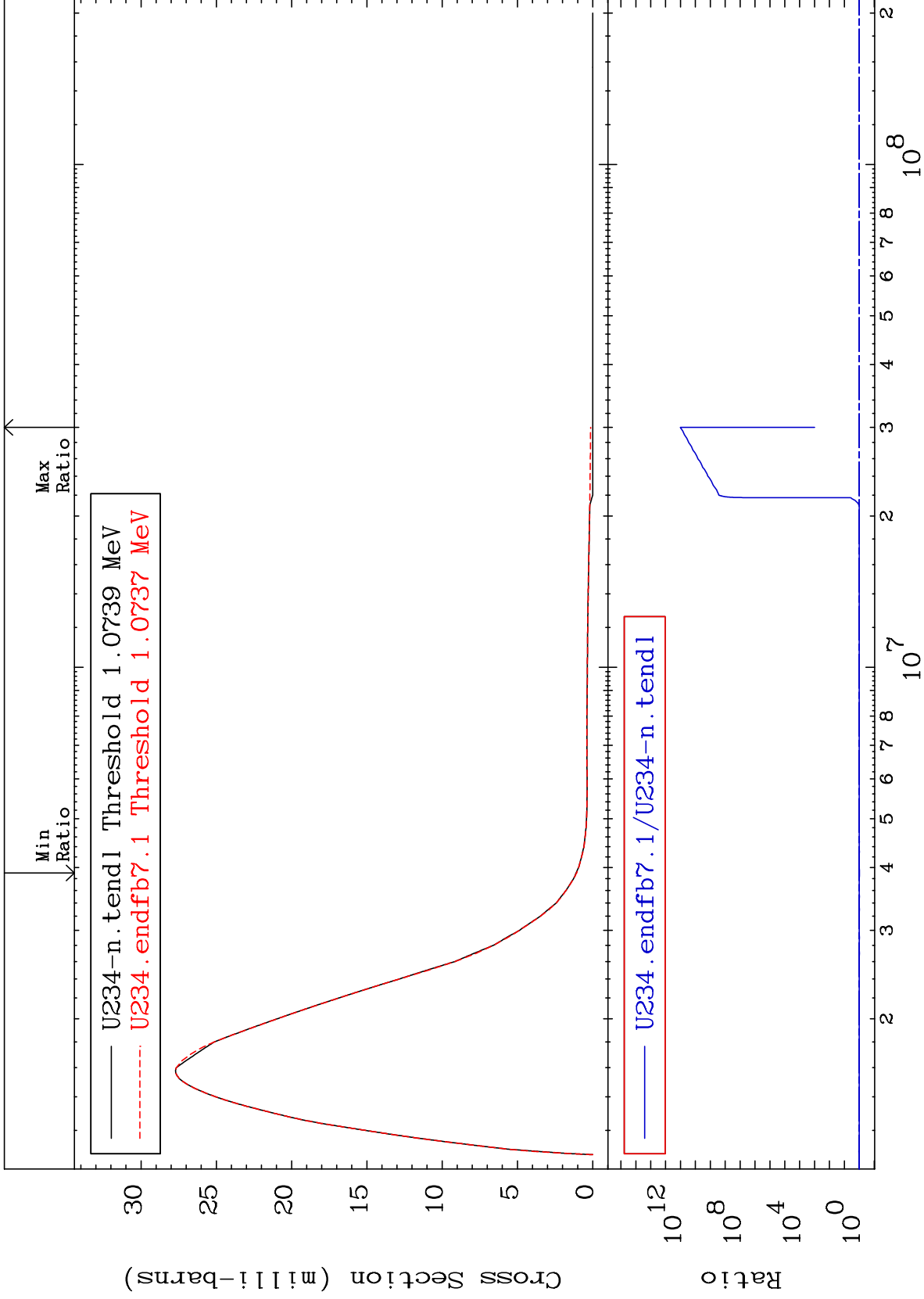
Incident Energy (eV)

92-U -234

MAT 9225

1.069 MeV (n,n') Level
Cross Section

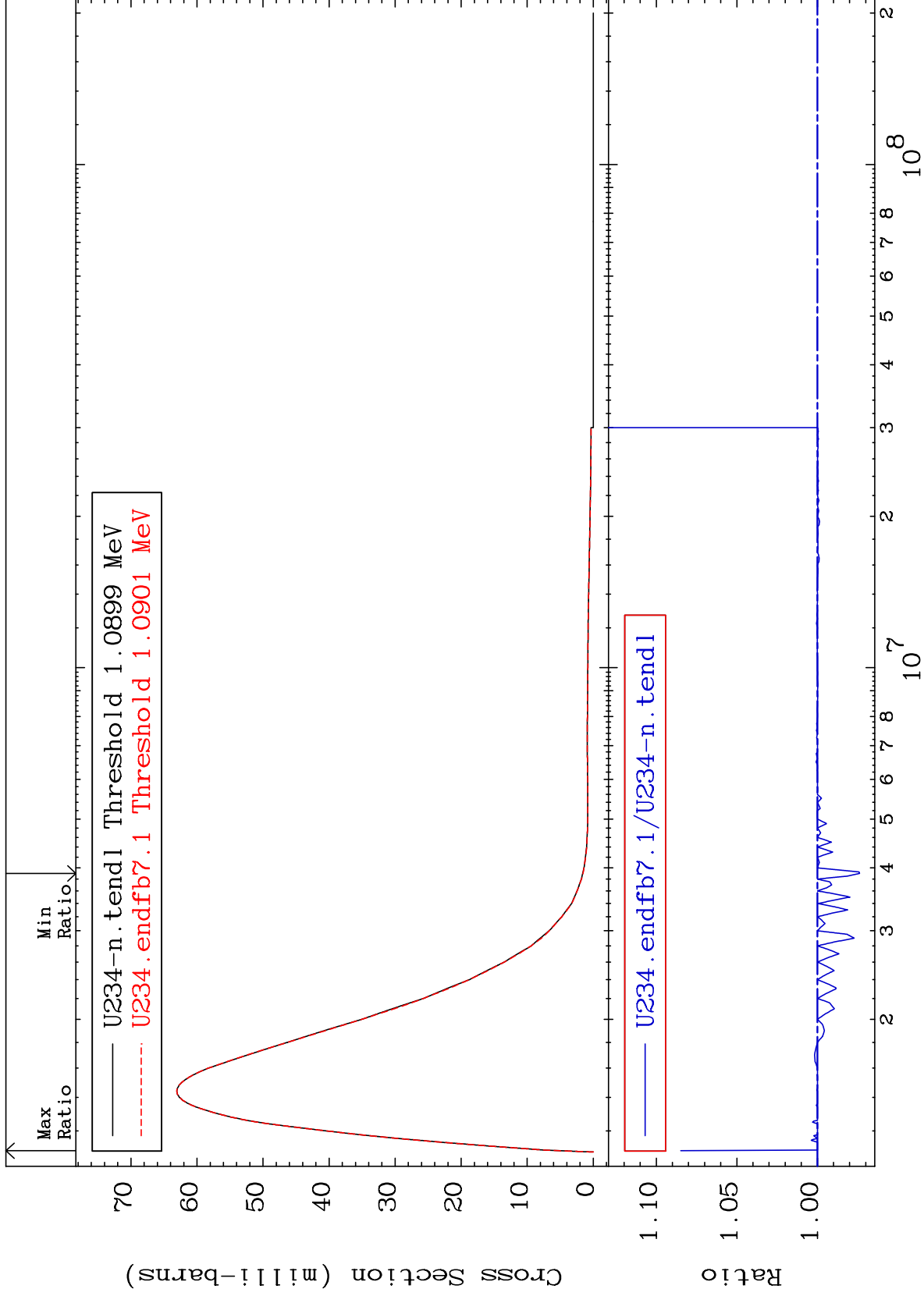
92-U -234
-2.744 To 9999. %



30

Incident Energy (eV)

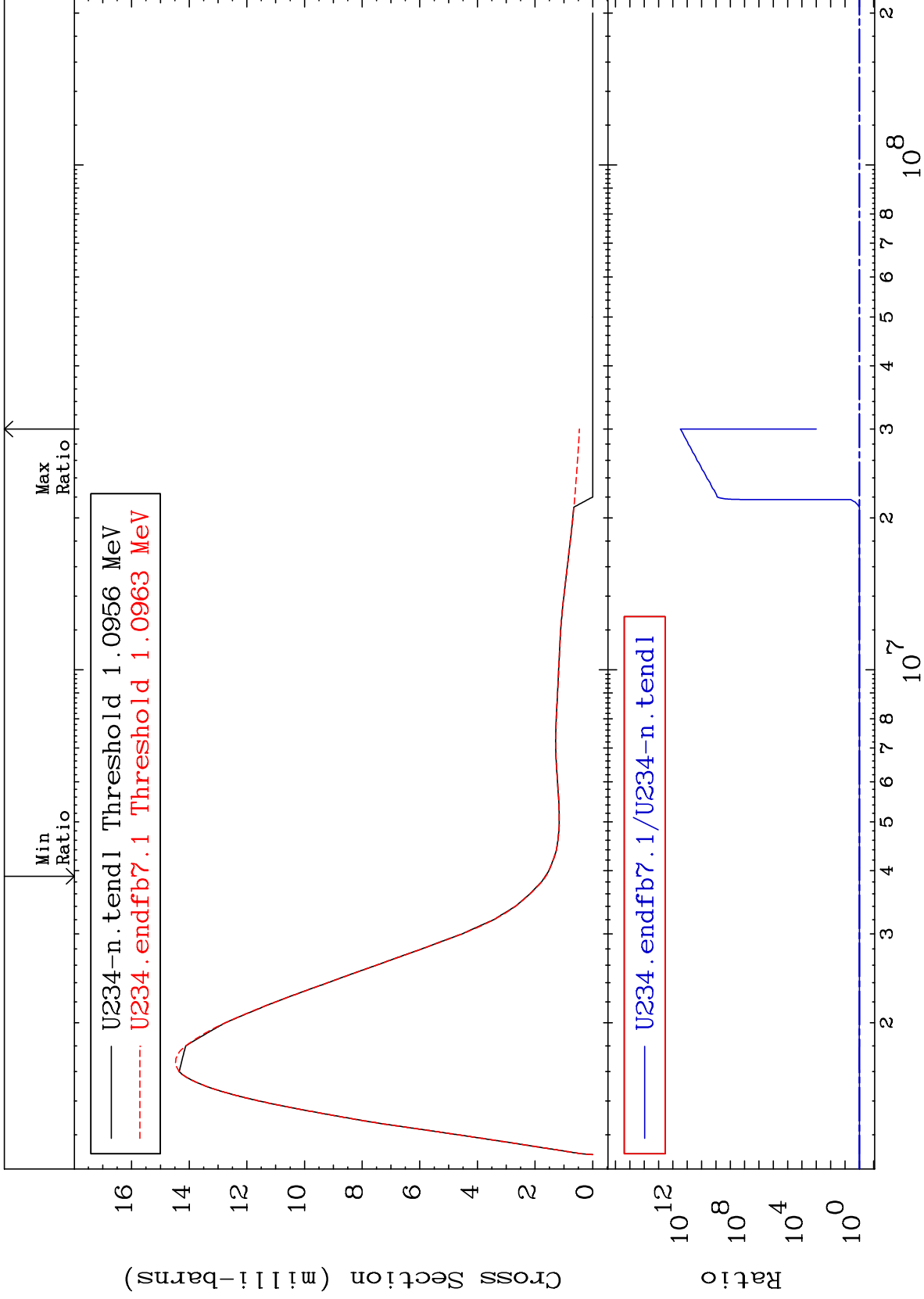
92-U -234

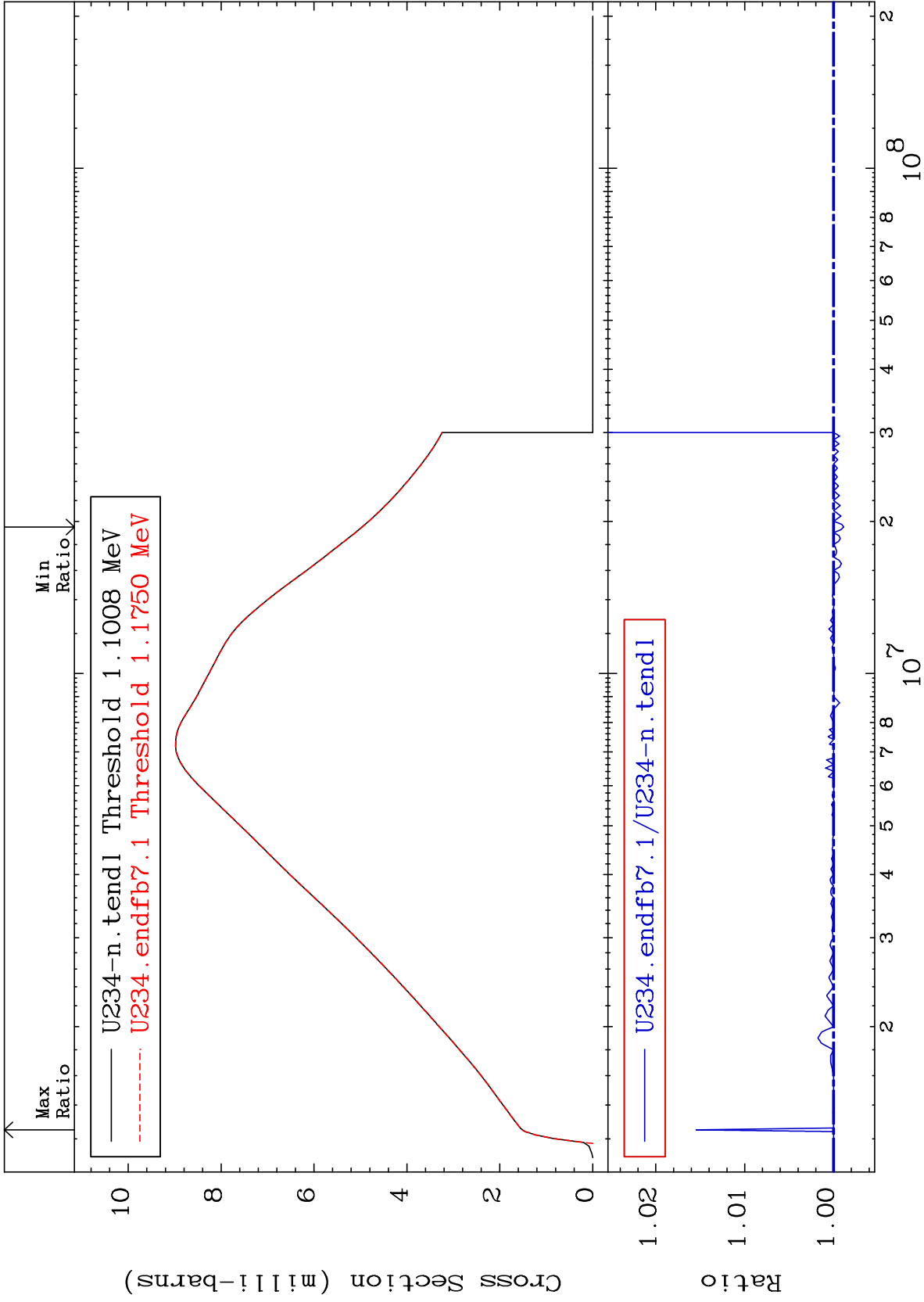


MAT 9225

1.091 MeV (n,n') Level
Cross Section

92-U -234
-1.396 To 9999. %



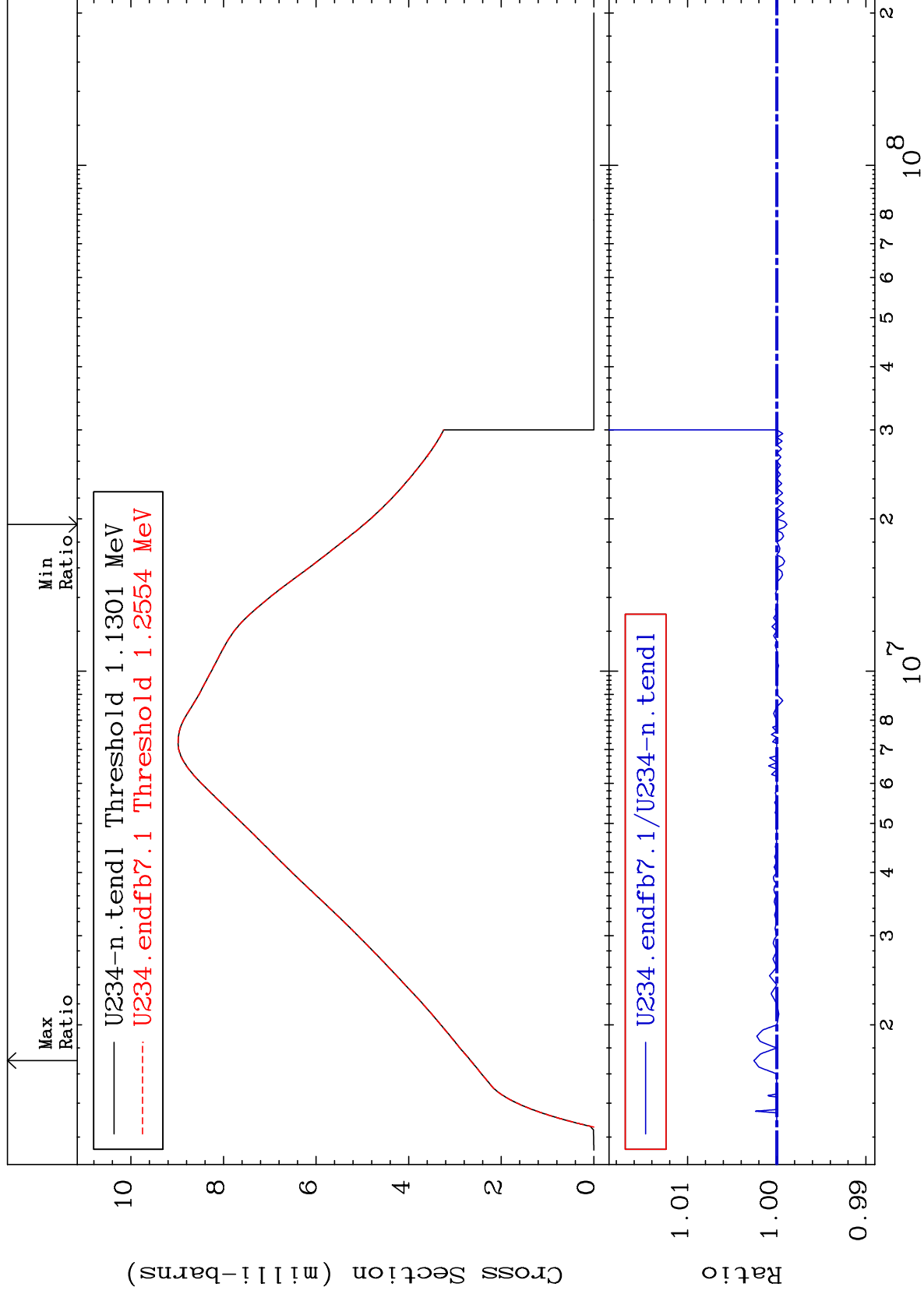


MAT 9225

1.125 MeV (n,n') Level

92-U -234

-0.114 To 0.256 %

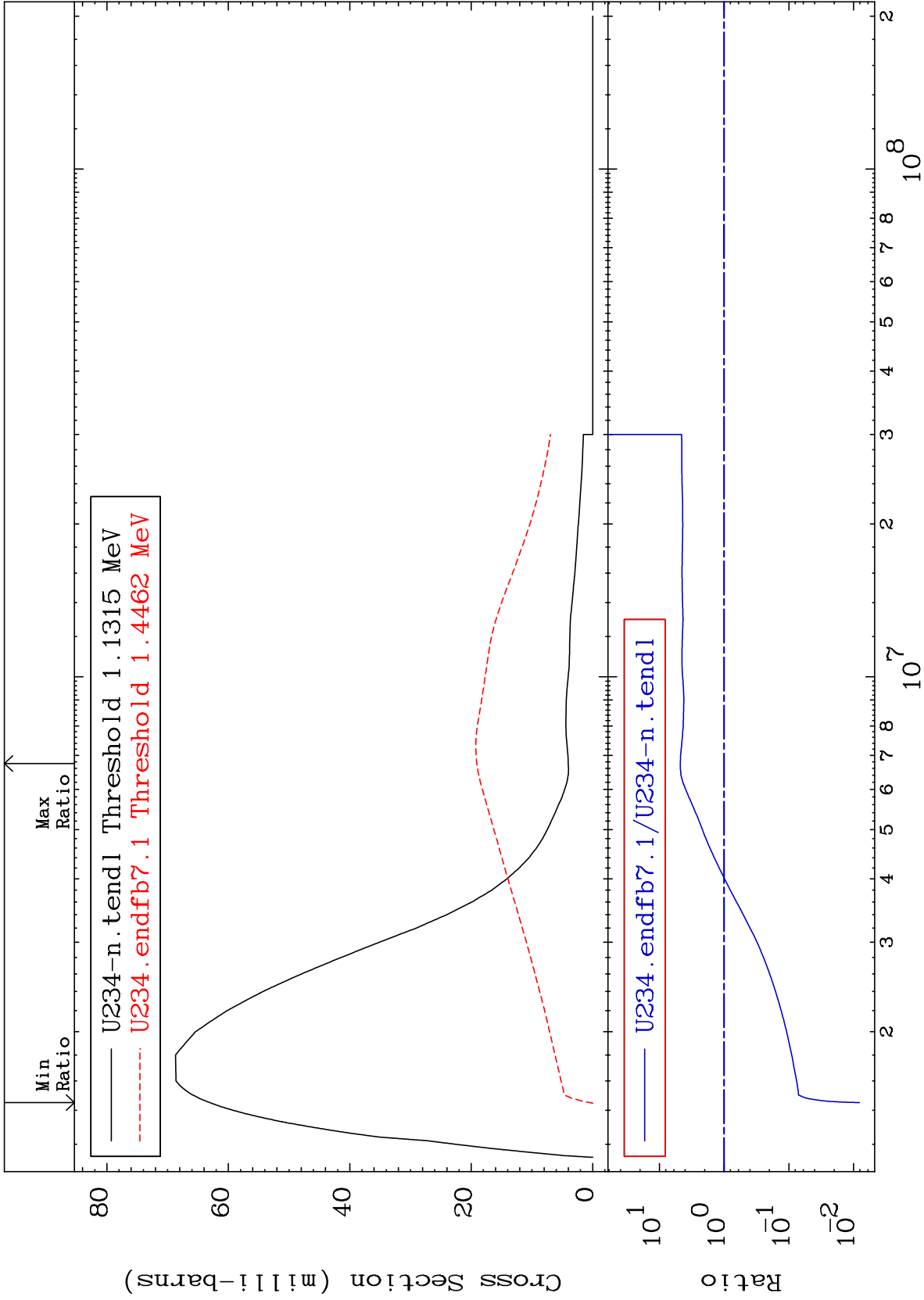


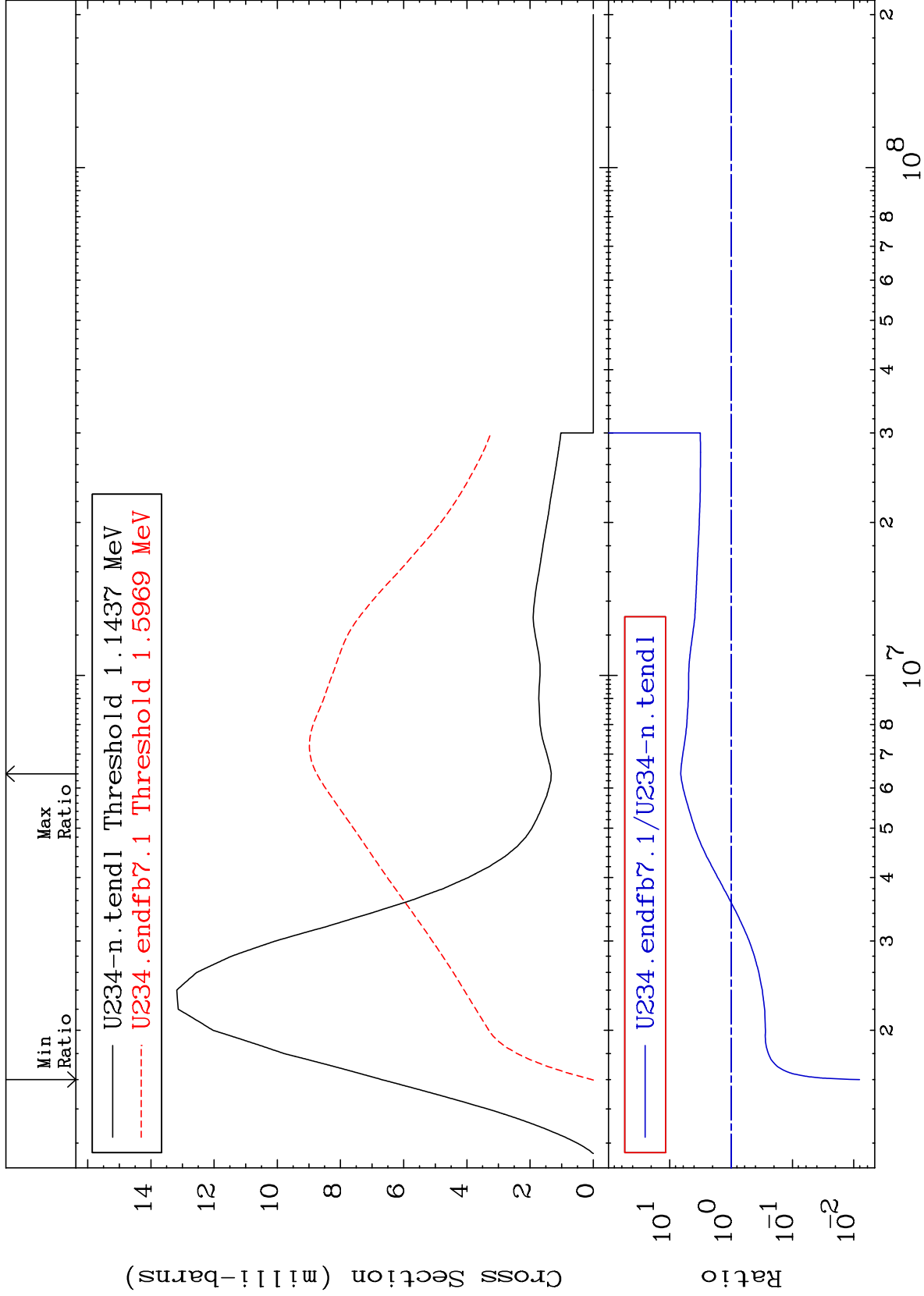
34

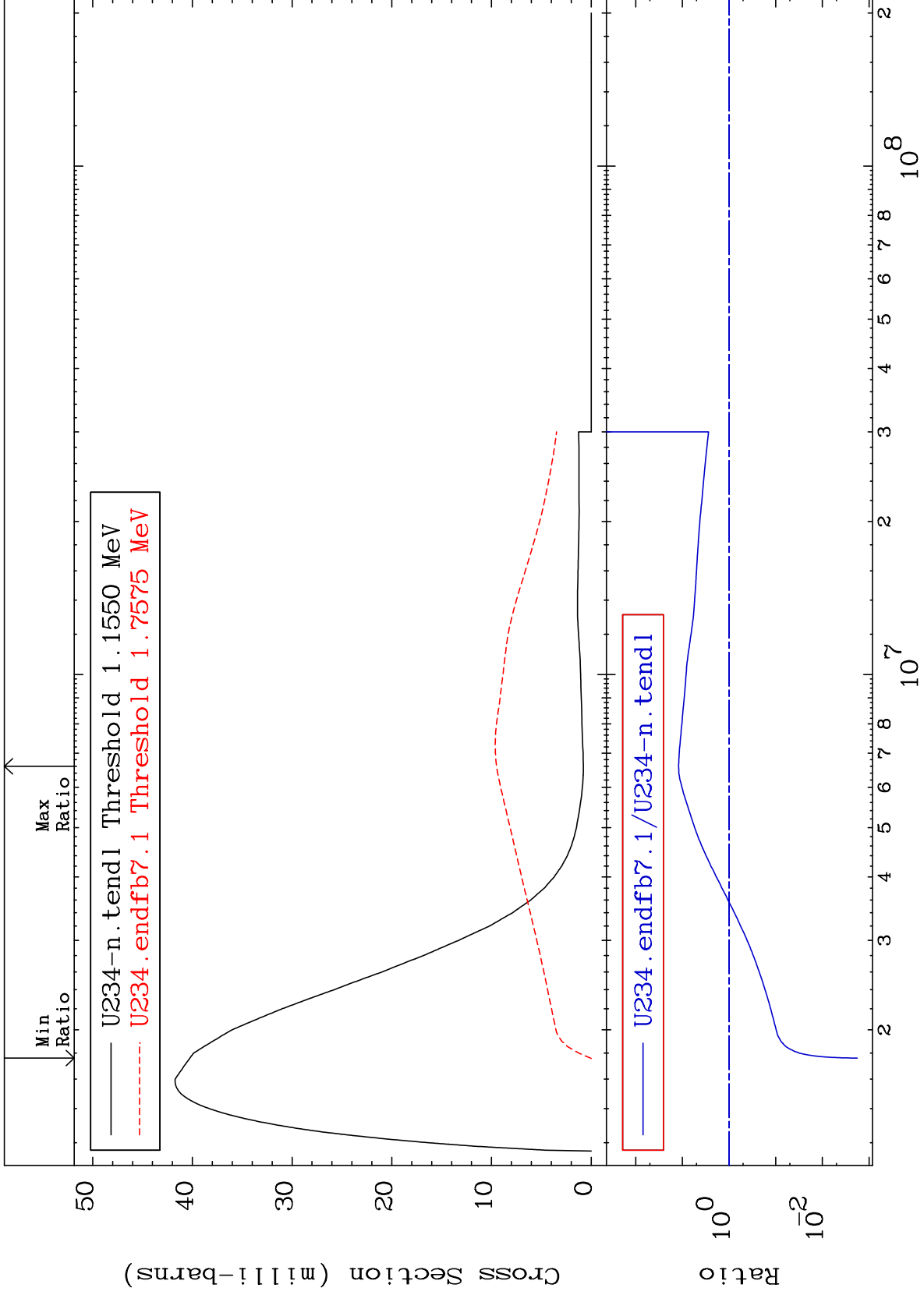
Incident Energy (eV)

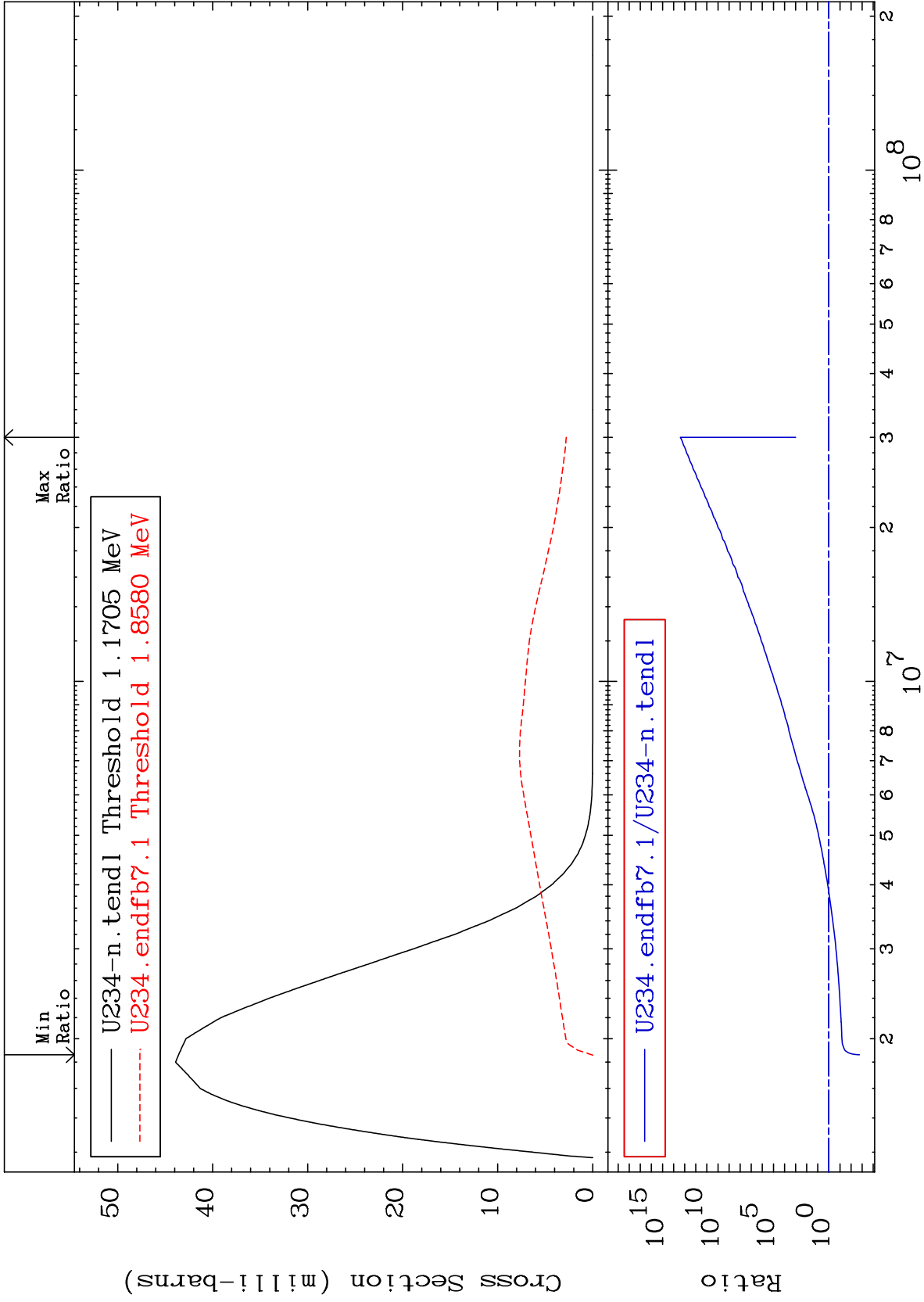
92-U -234

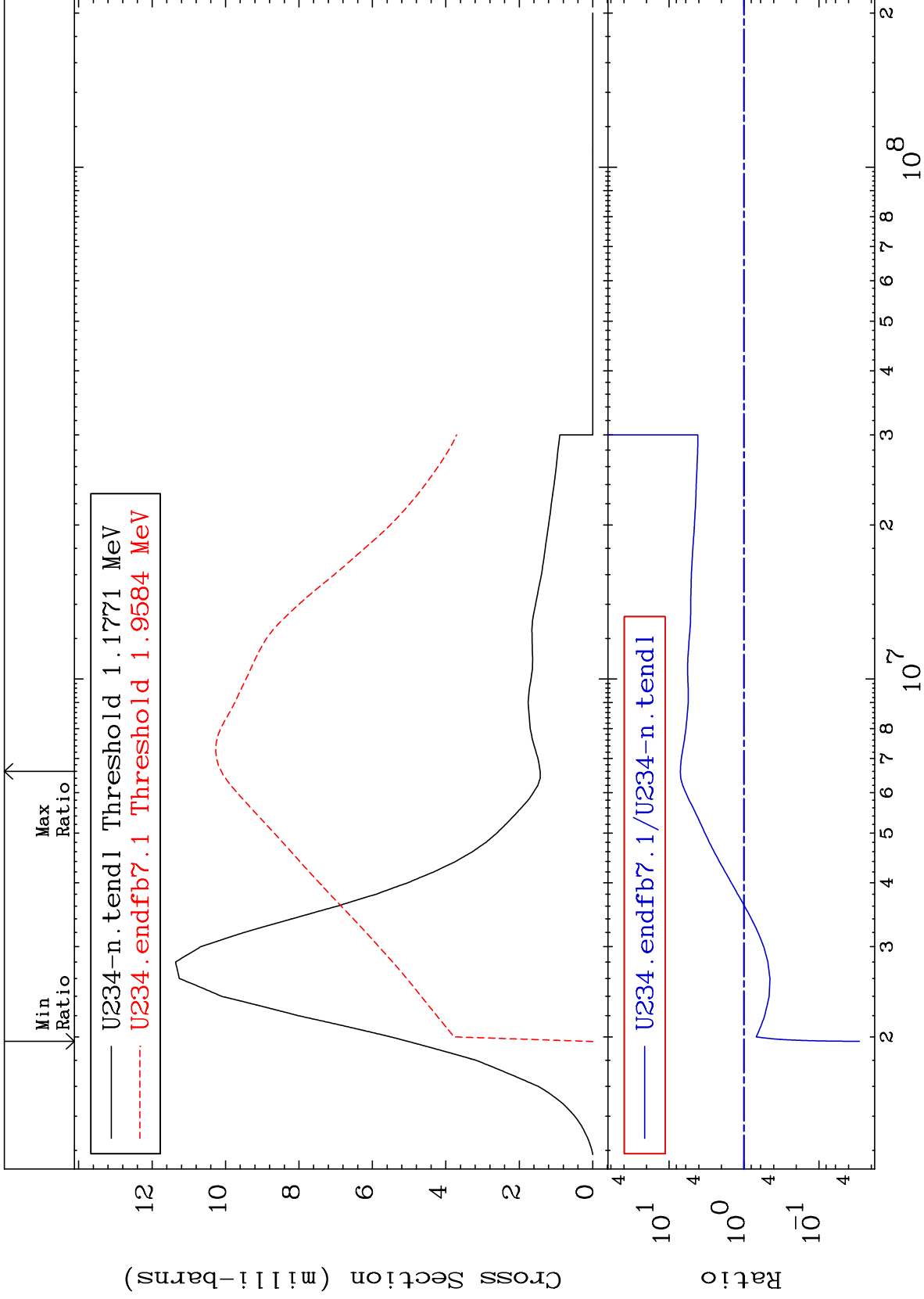
MAT 9225 1.127 MeV (n,n') Level Cross Section 92-U -234 -99.19 To 375.4 %







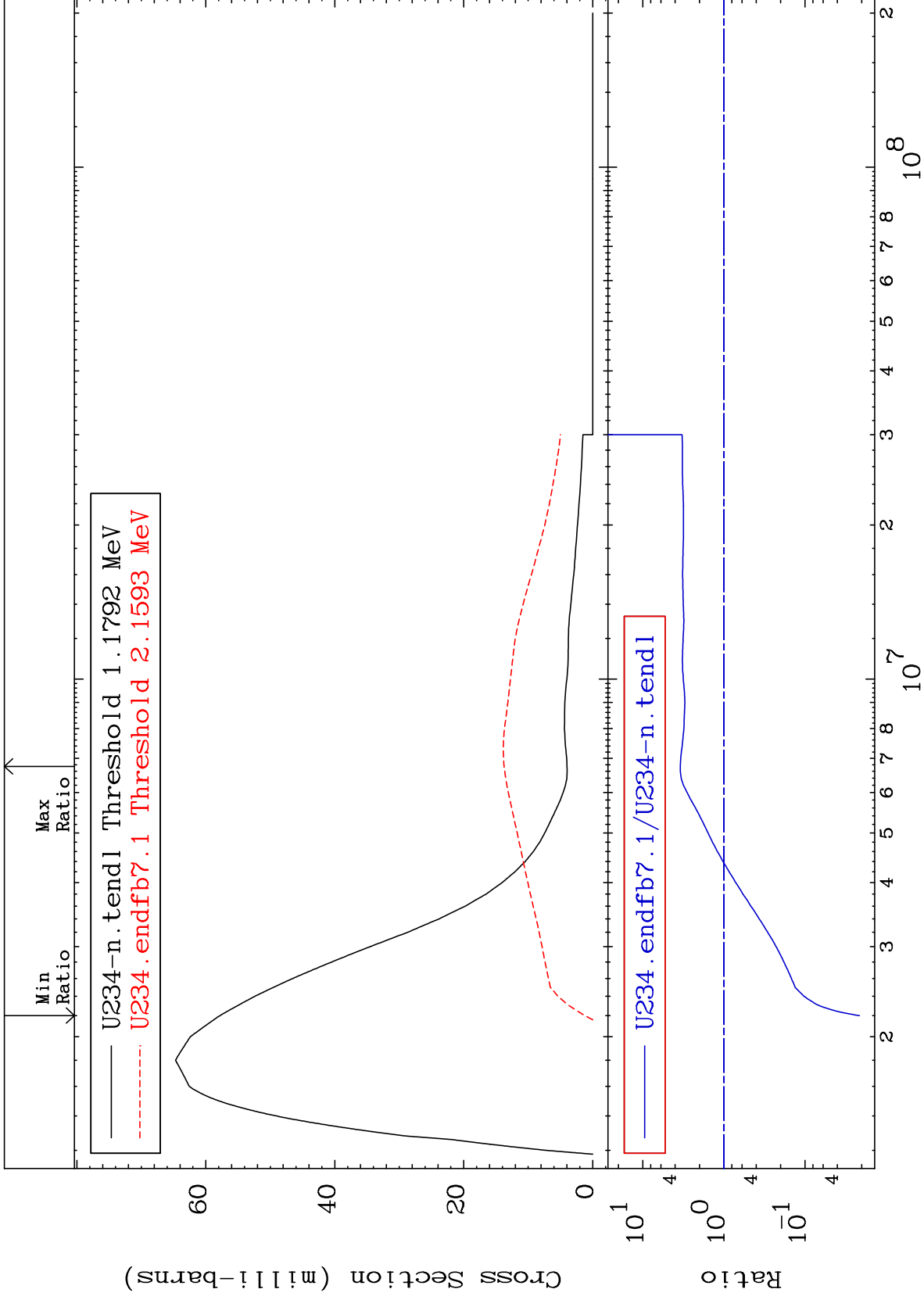




MAT 9225

1.174 MeV (n,n') Level
Cross Section

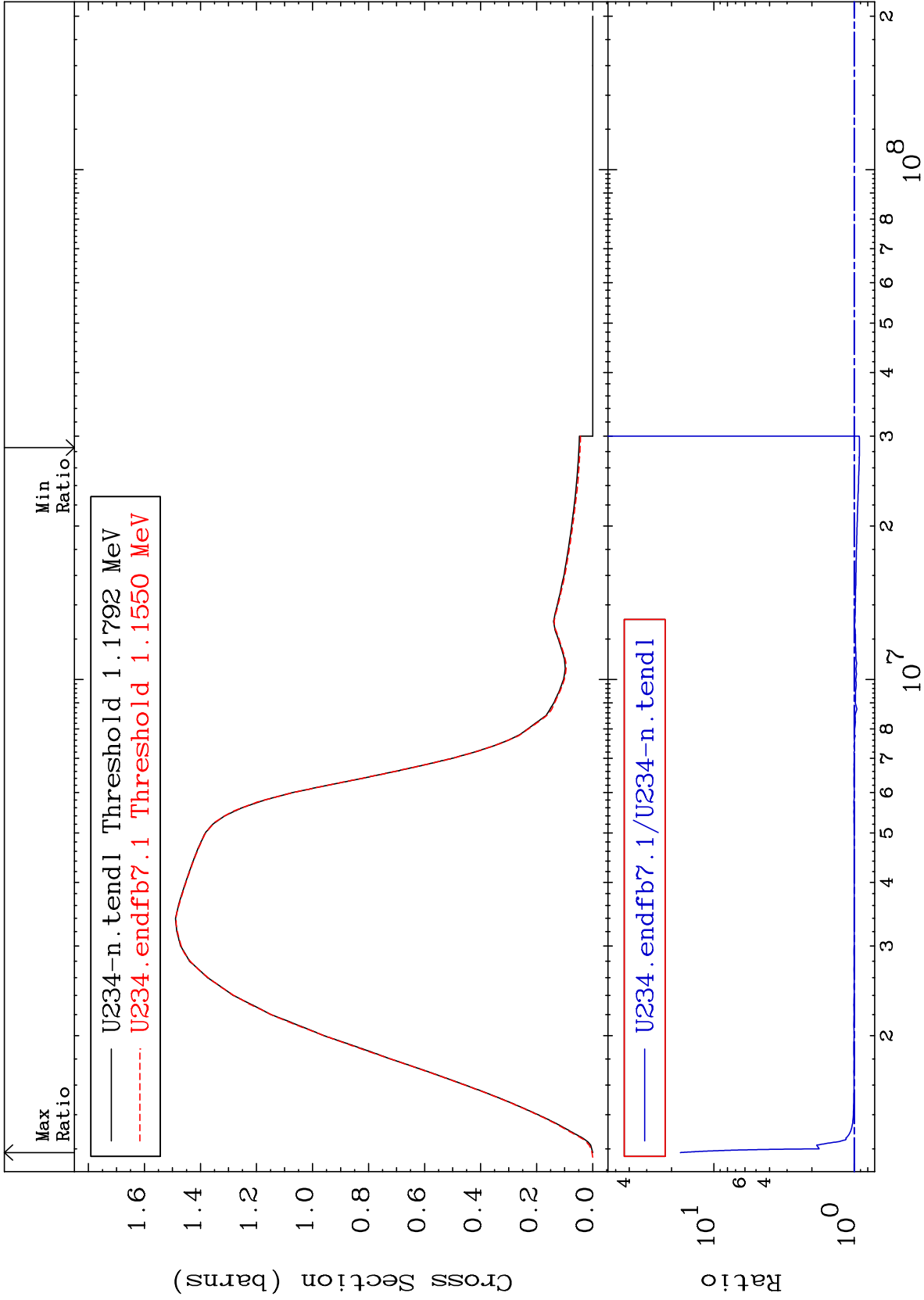
92-U -234
-97.86 To 245.1 %

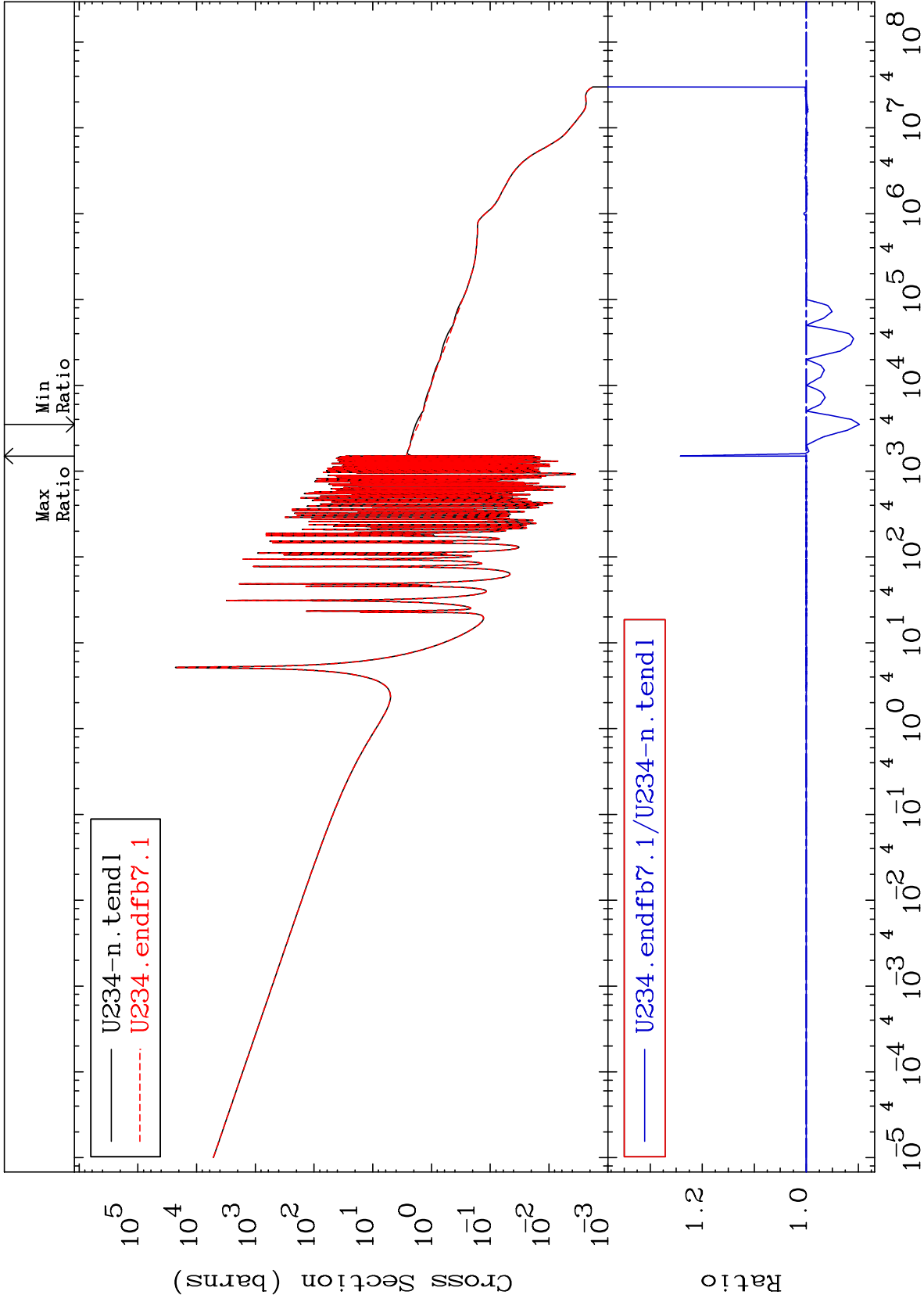


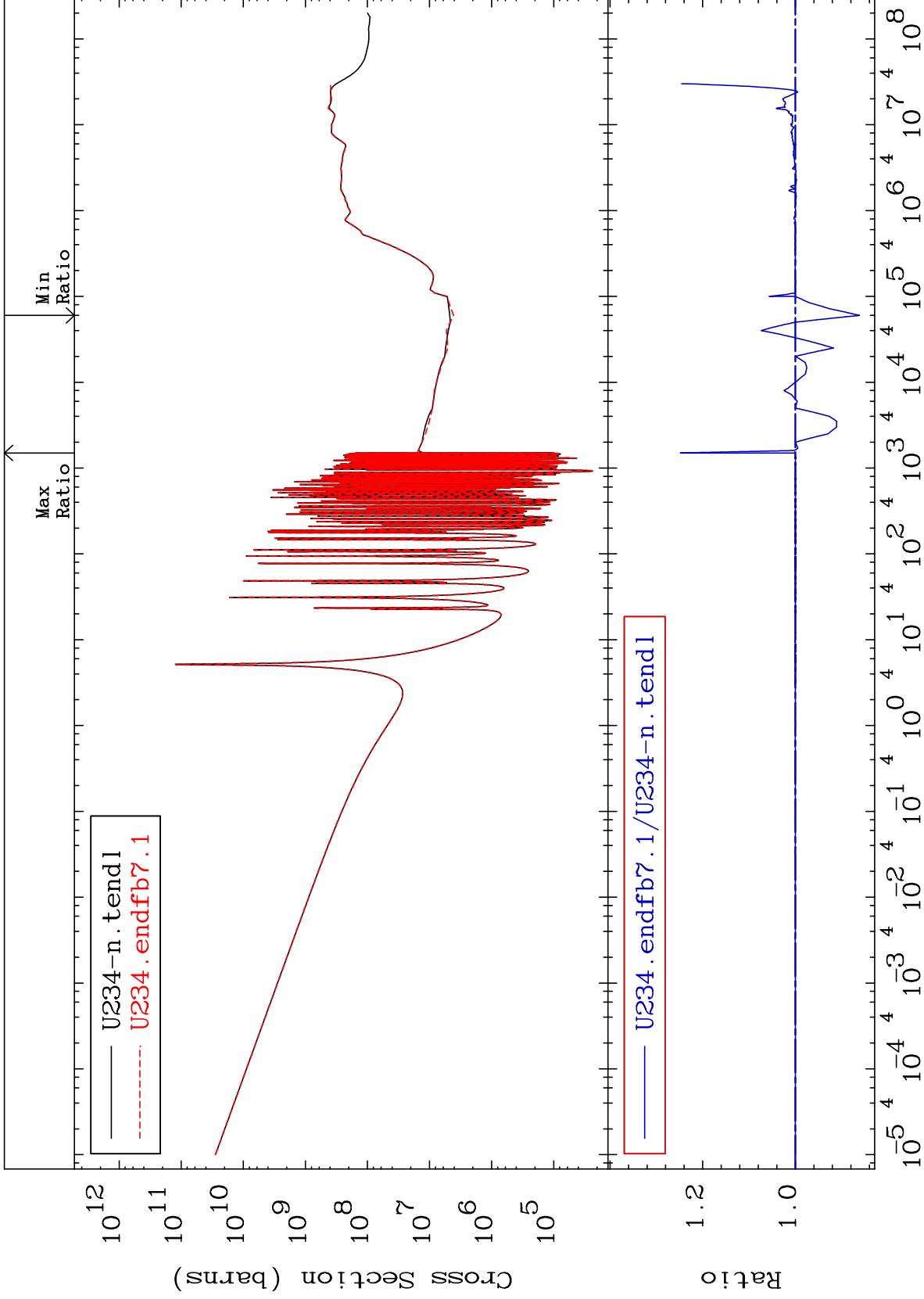
40

Incident Energy (eV)

92-U -234



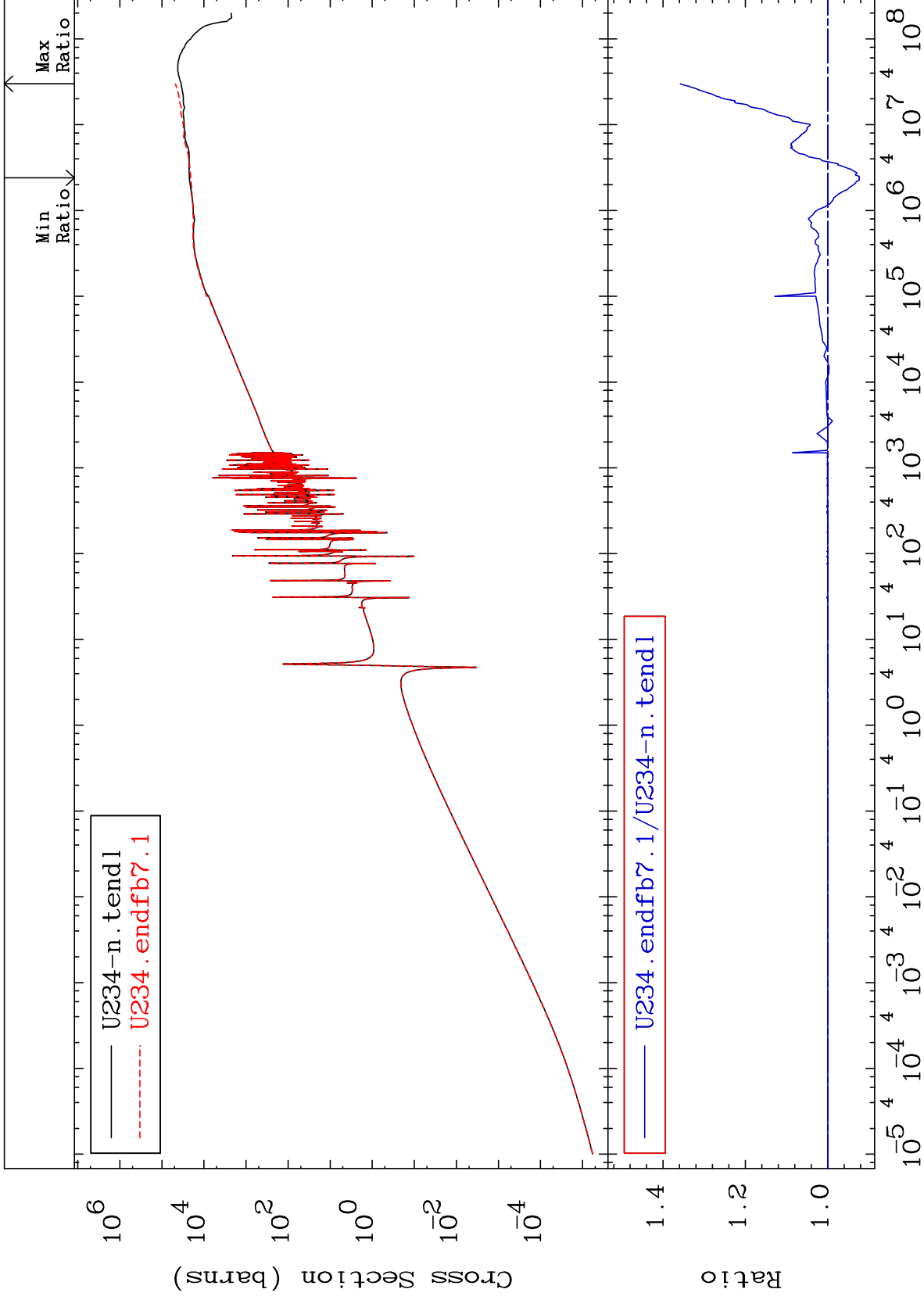




MAT 9225

Kerma elastic
Cross Section

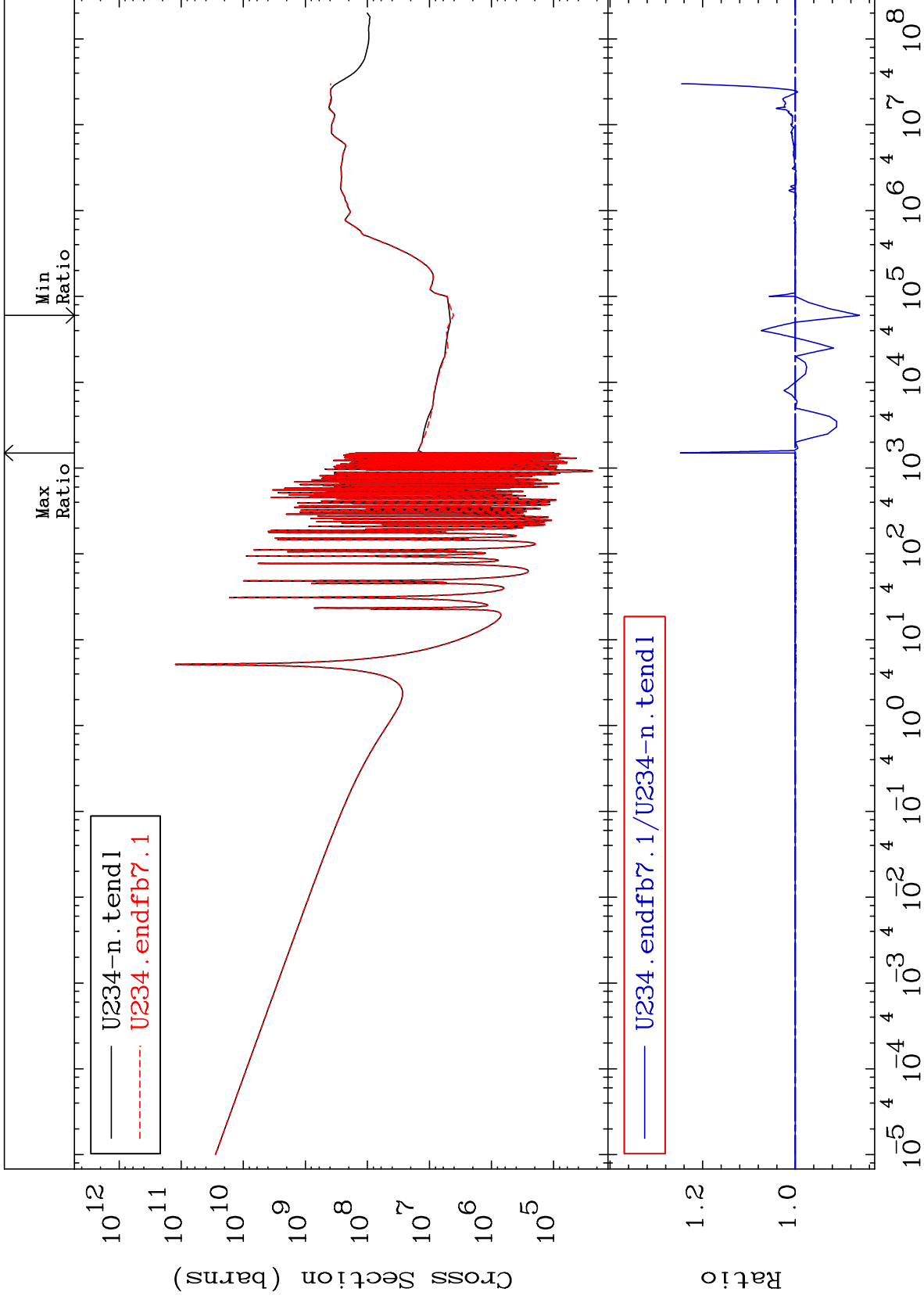
92-U -234
-7.716 To 35.80 %

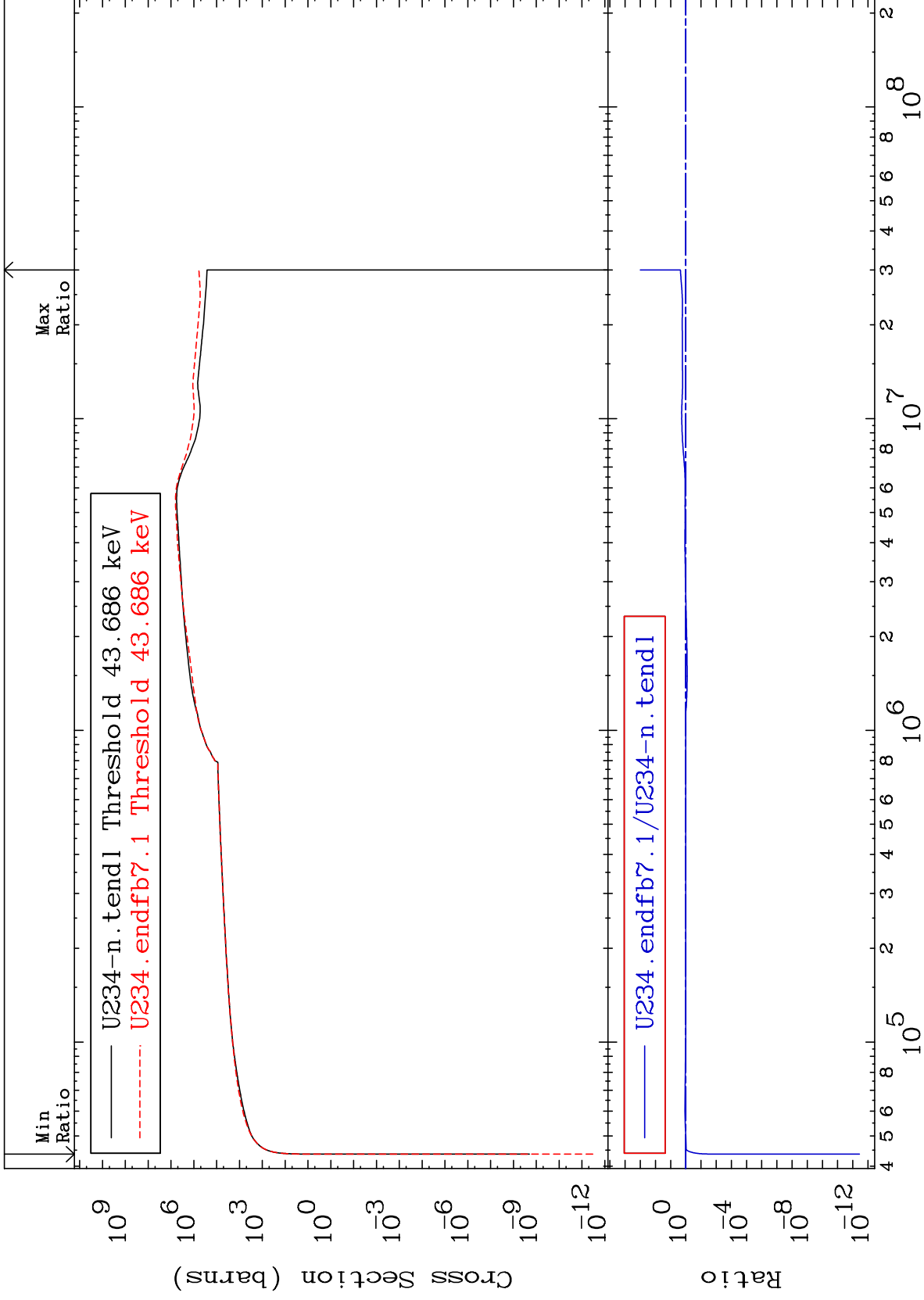


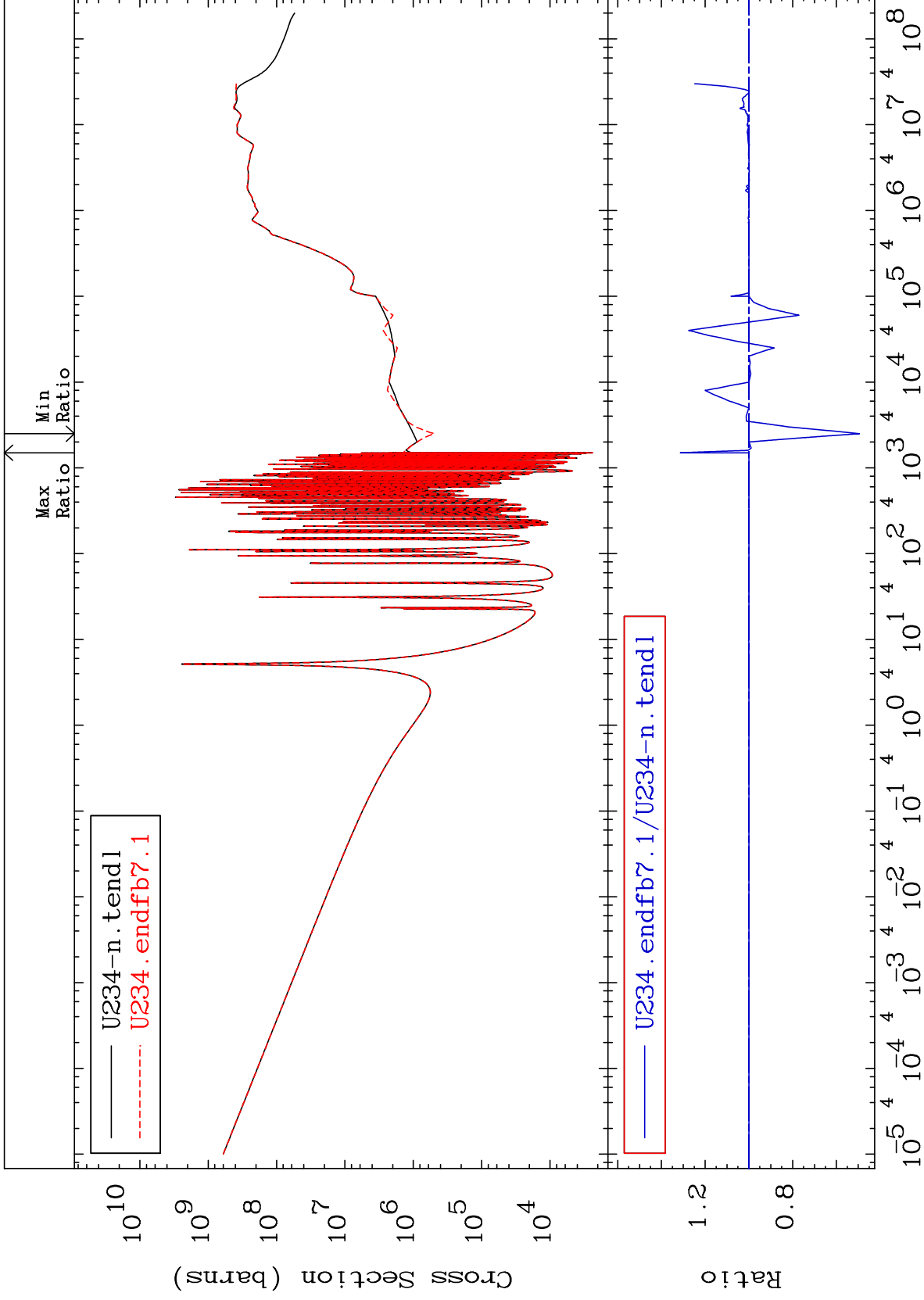
Incident Energy (eV)

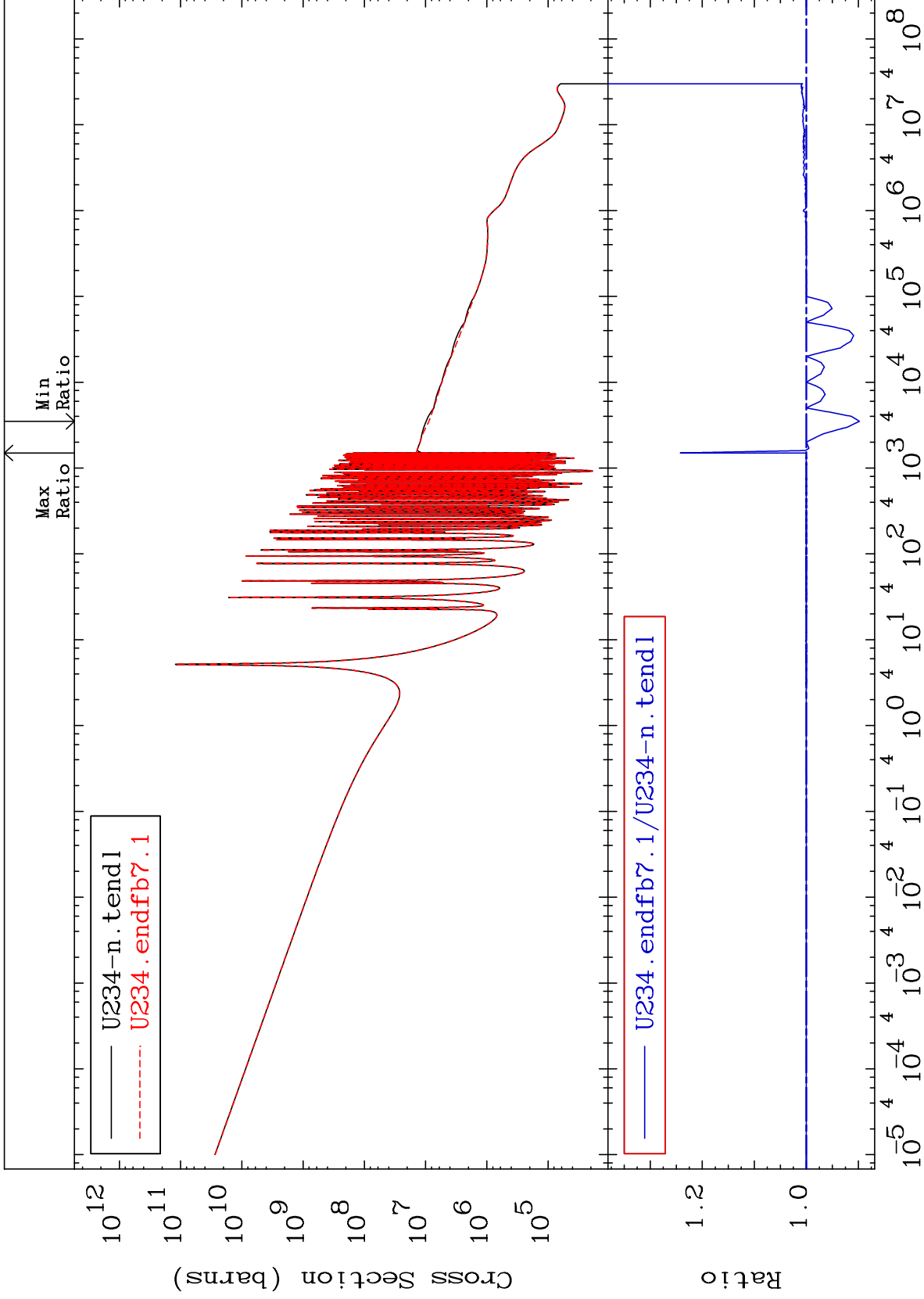
92-U -234

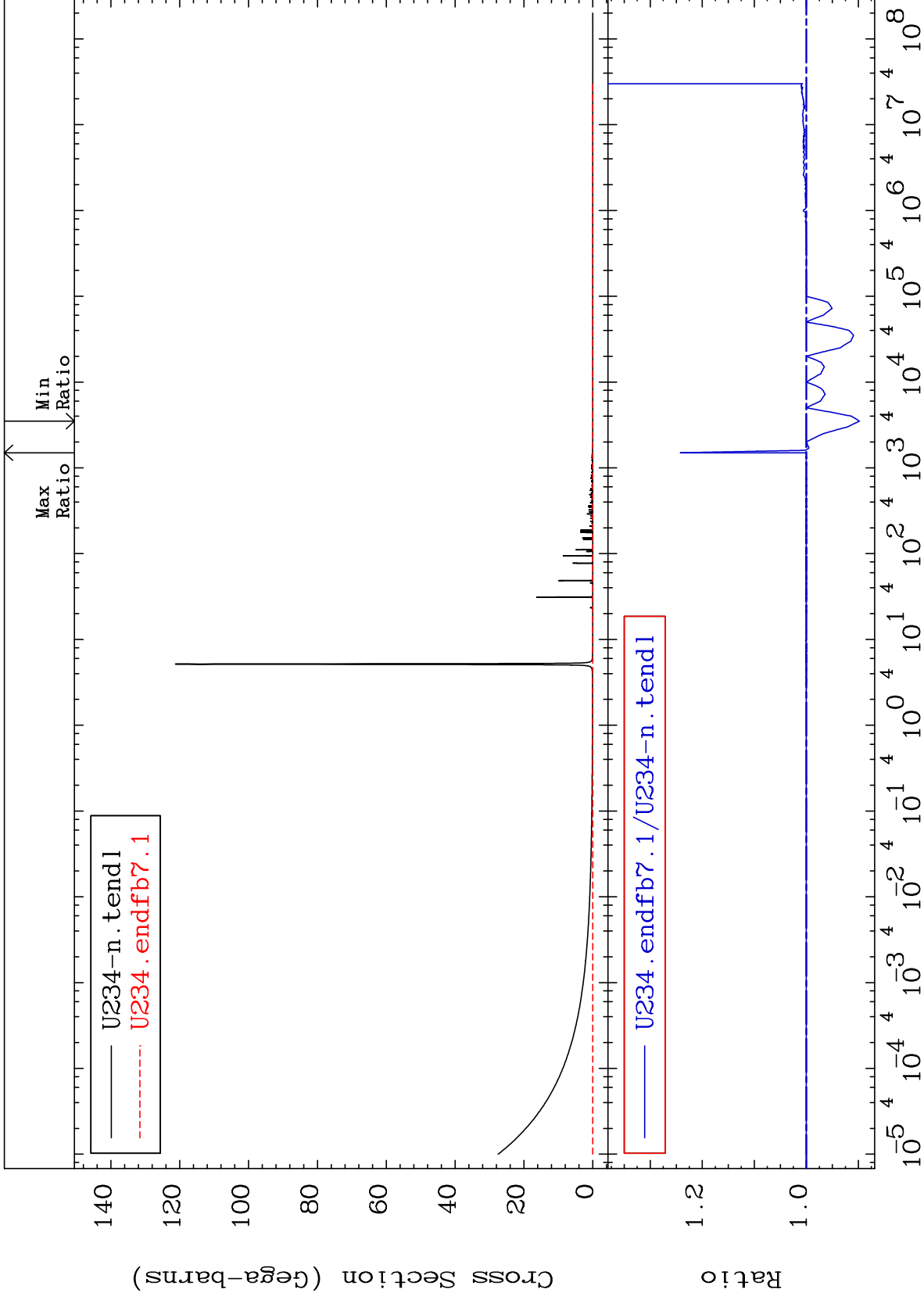
44







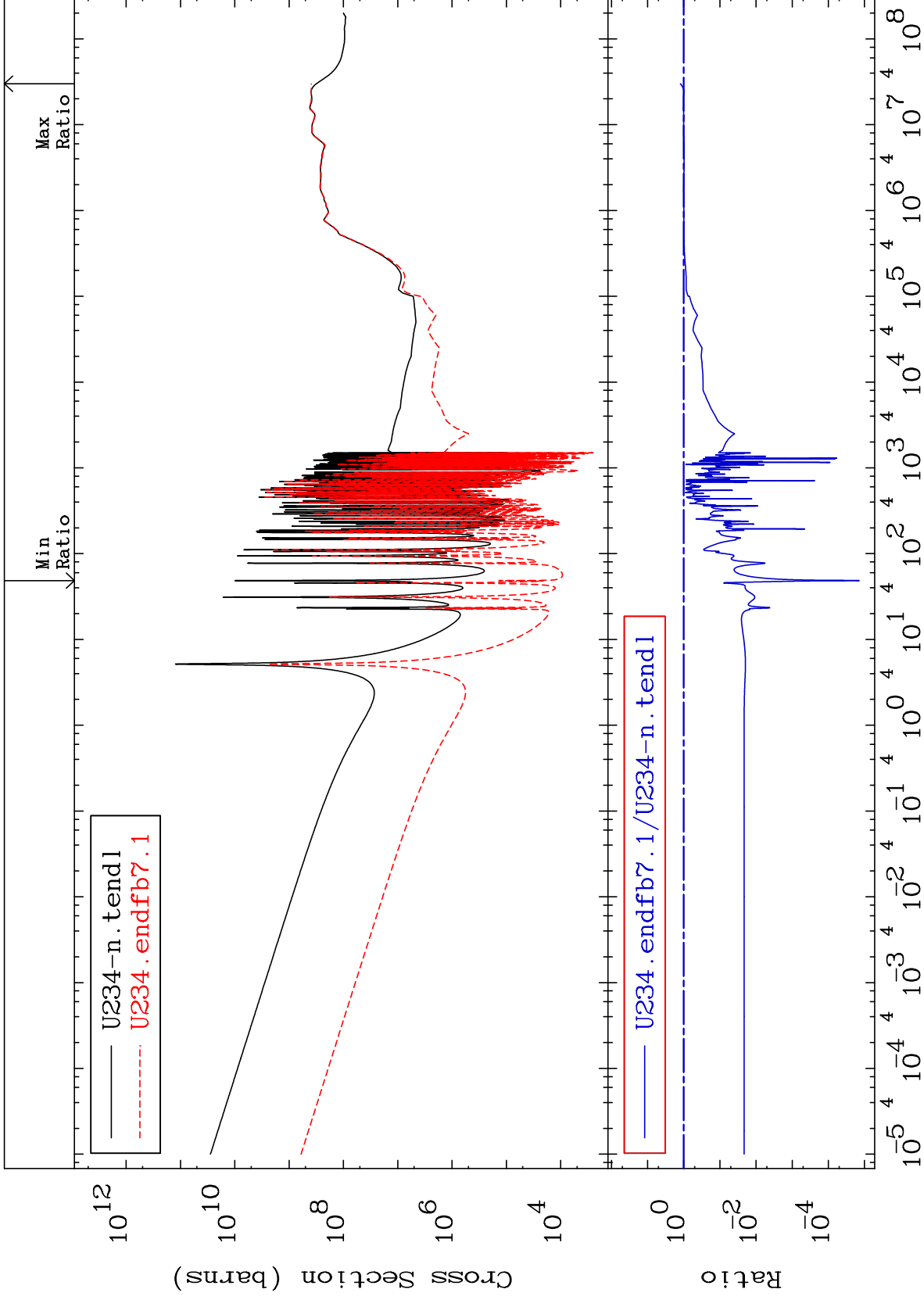




MAT 9225

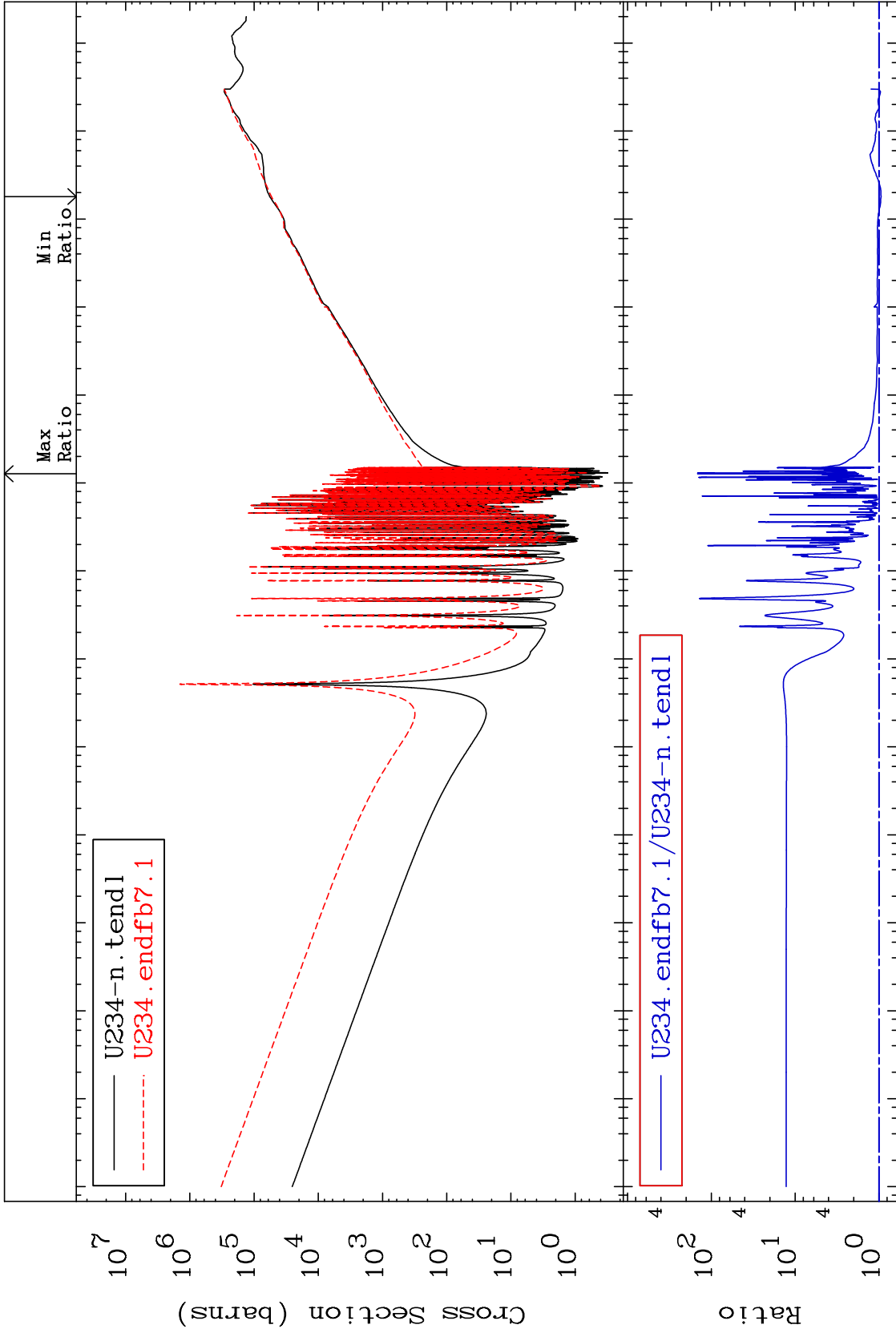
Total kinematic kerma (high limit)
Cross Section

92-U -234
-100.0 To 24.08 %



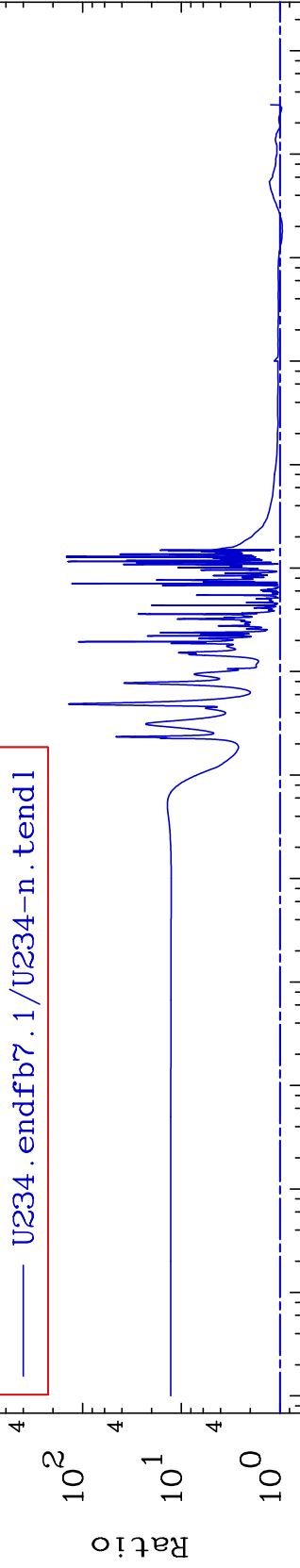
-5.917 To 9999. %

Cross Section



Cross Section (barns)

U234.endfb7.1/U234-n.tendl



Ratio

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

