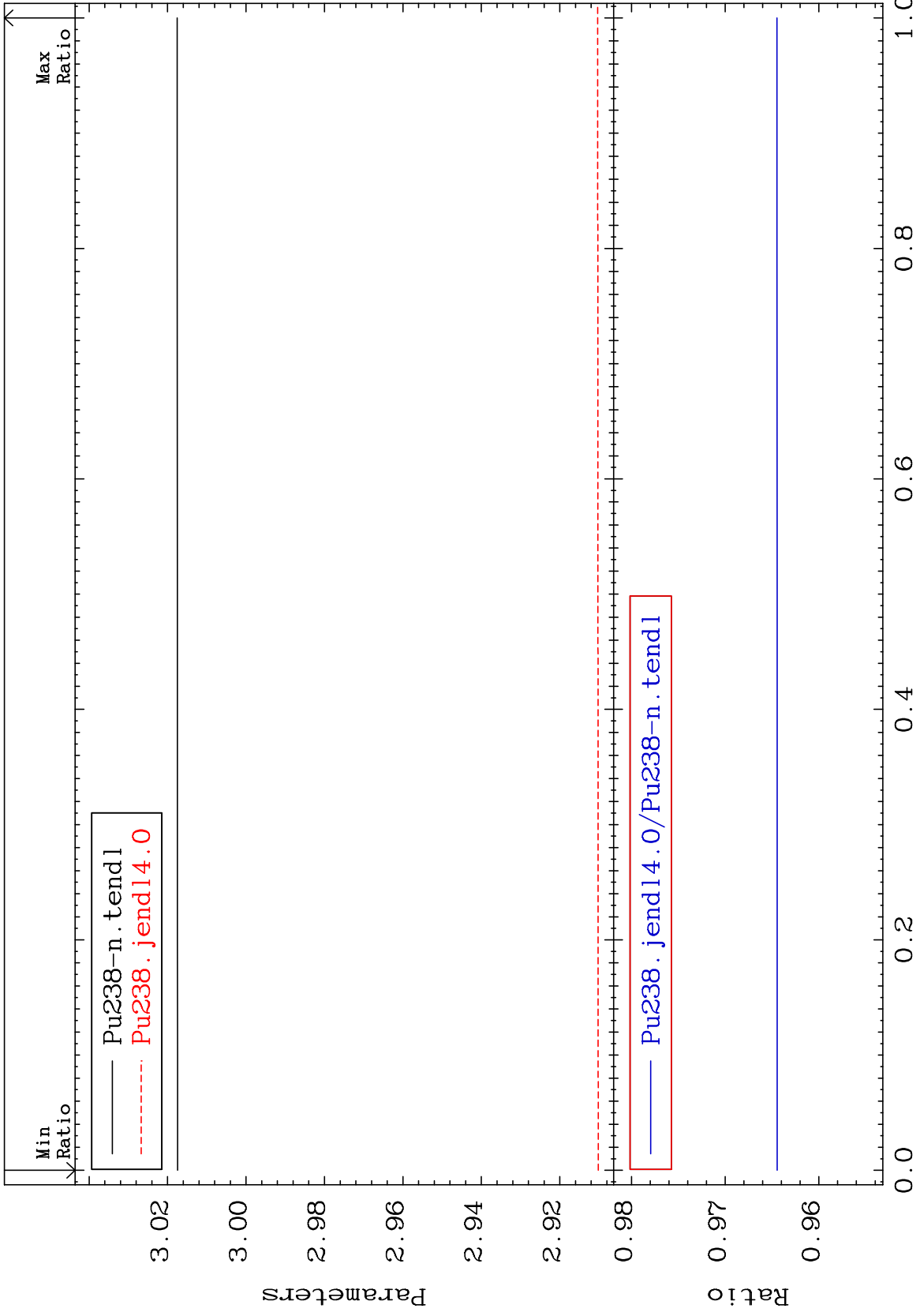


MAT 9434

Total $\bar{\nu}$
Parameters

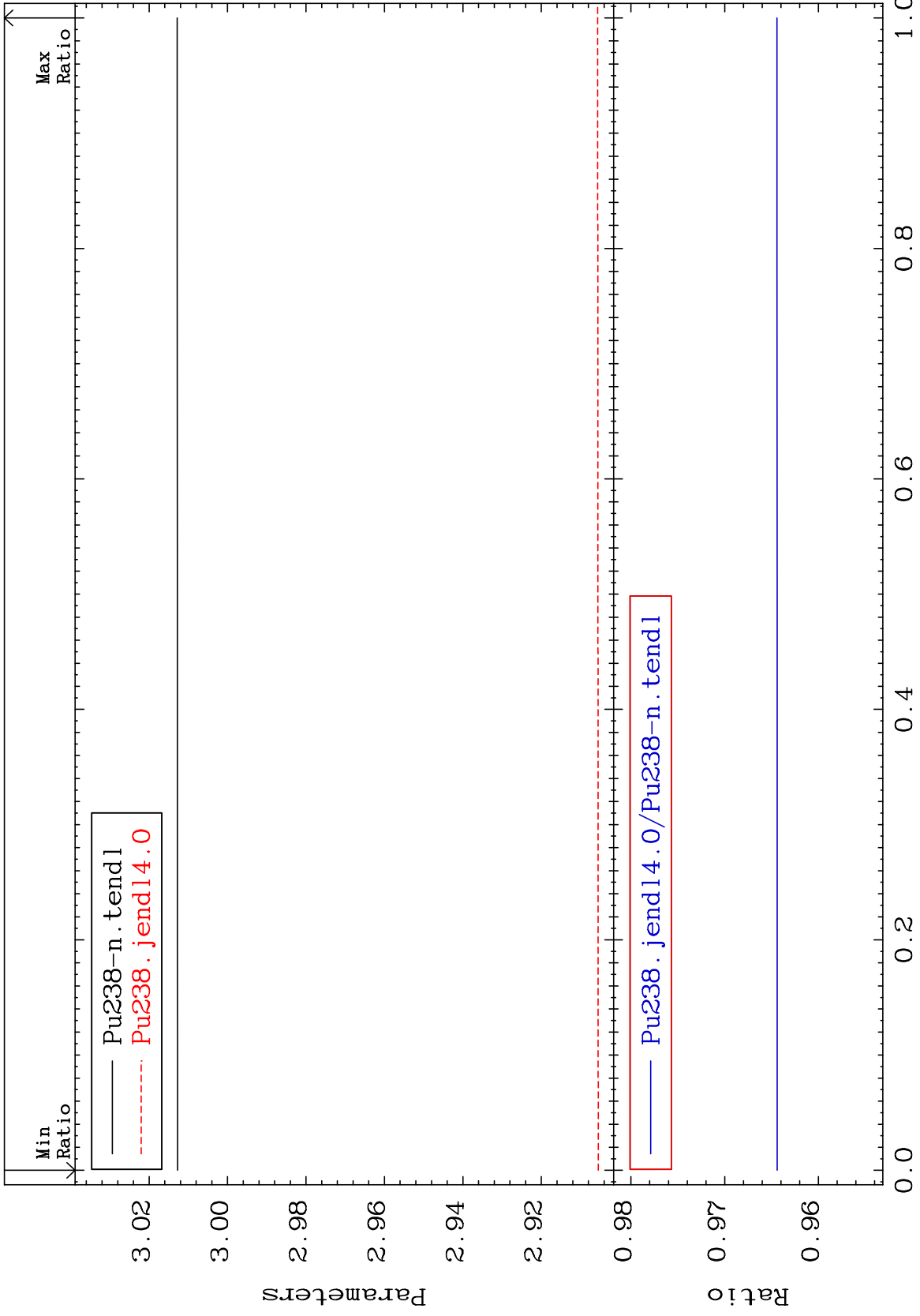
94-Pu-238
-3.554 To -3.553%



MAT 9434

Prompt $\bar{\nu}$
Parameters

94-Pu-238
-3.560 To -3.559%



2

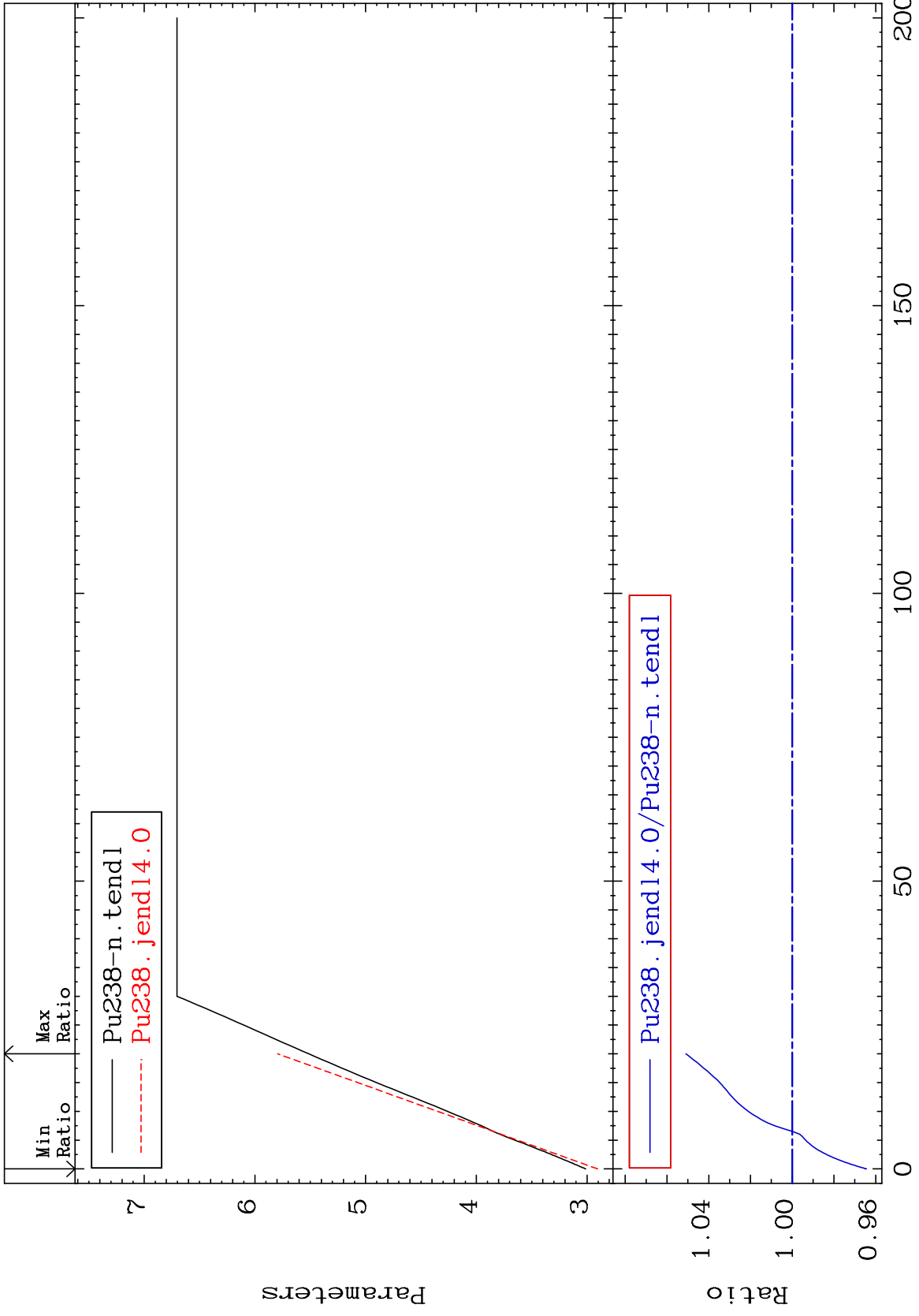
Incident Energy (KeV)

94-Pu-238

MAT 9434

Prompt $\bar{\nu}$
Parameters

94-Pu-238
-3.560 To 5.091 %



3

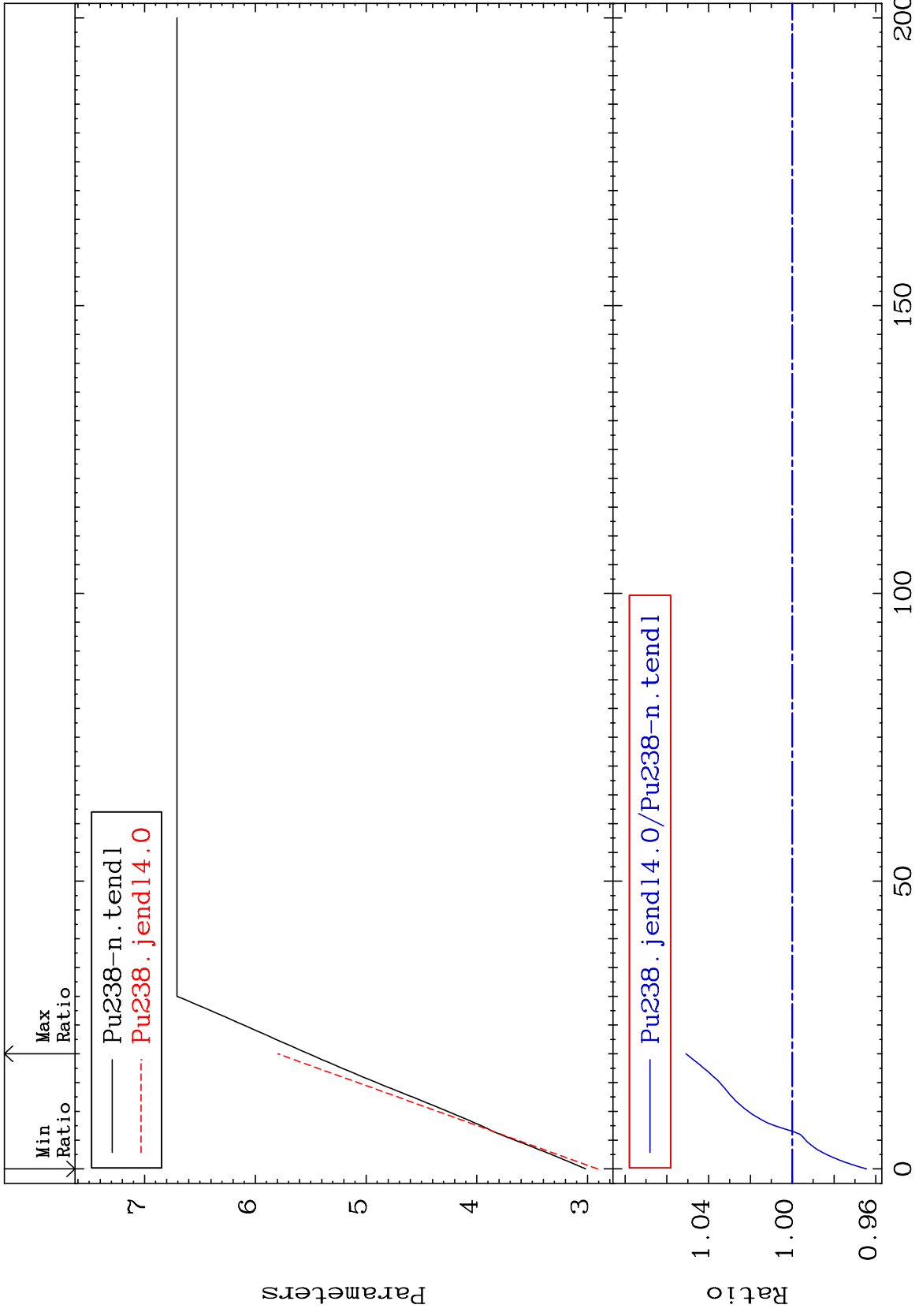
Incident Energy (MeV)

94-Pu-238

MAT 9434

Total $\bar{\nu}$
Parameters

94-Pu-238
-3.554 To 5.086 %



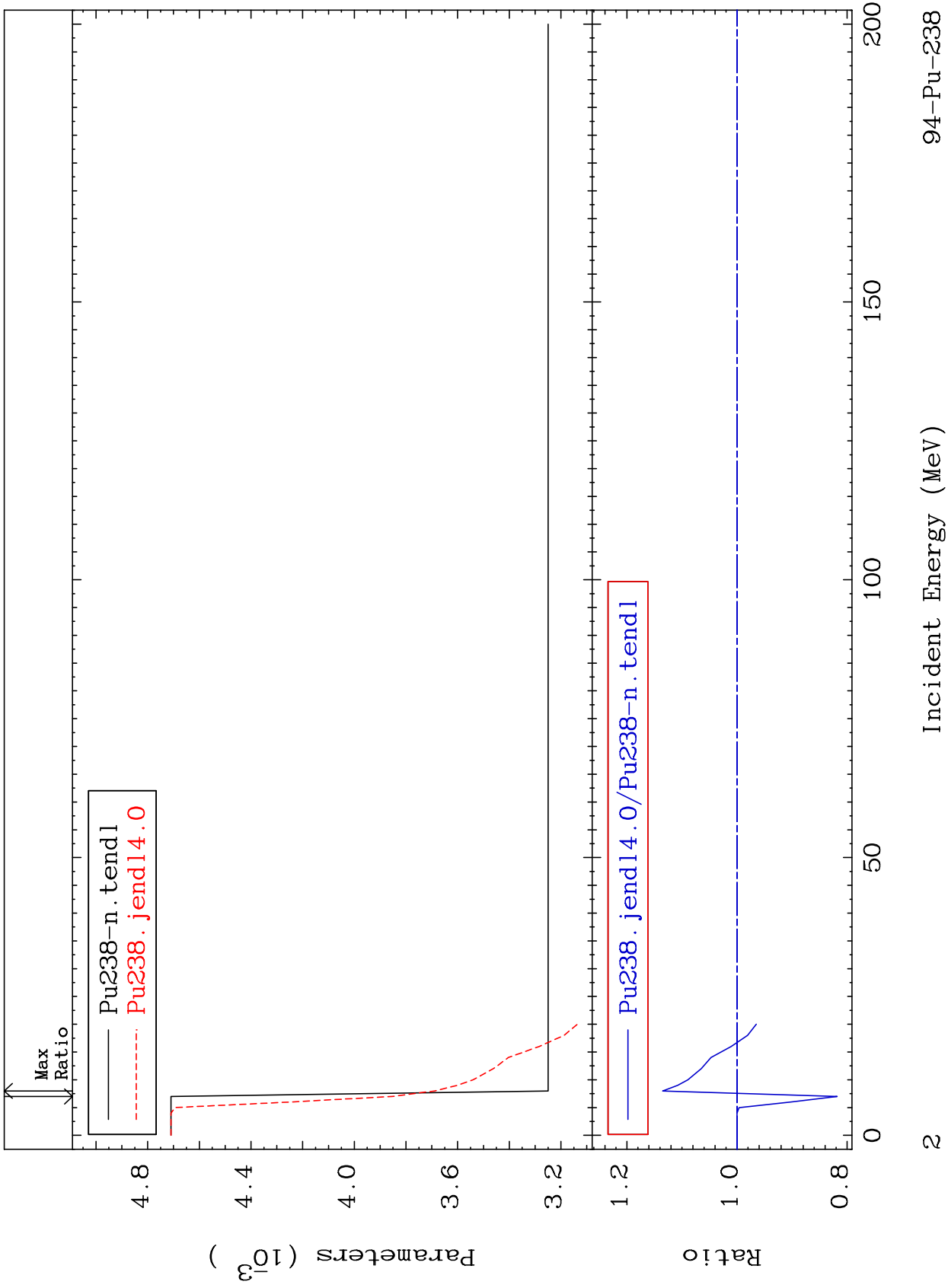
Incident Energy (MeV)

94-Pu-238

MAT 9434

Delayed $\bar{\nu}$
Parameters

94-Pu-238
-18.18 To 13.50 %



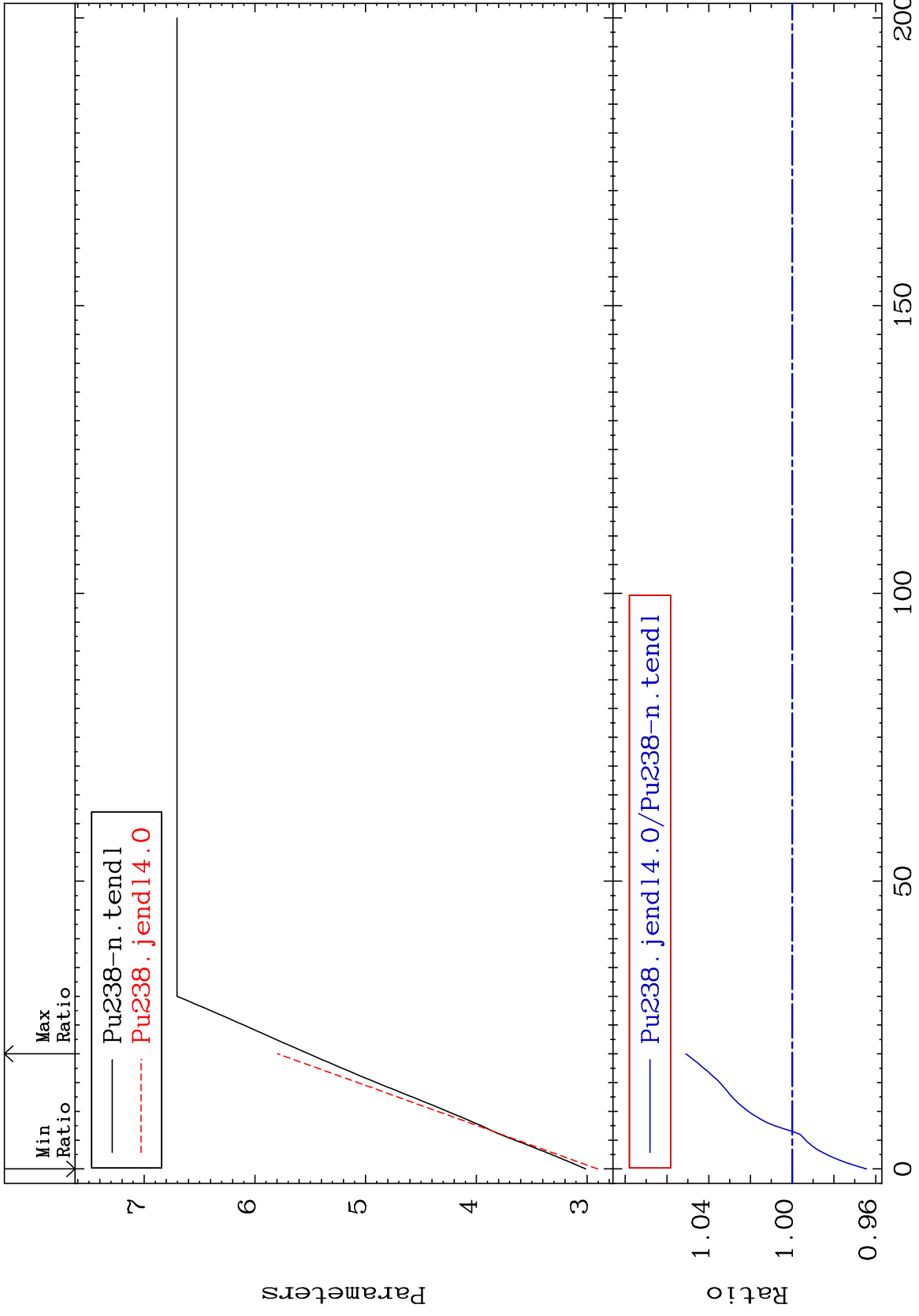
Incident Energy (MeV)

94-Pu-238

MAT 9434

Prompt $\bar{\nu}$
Parameters

94-Pu-238
-3.560 To 5.091 %



3

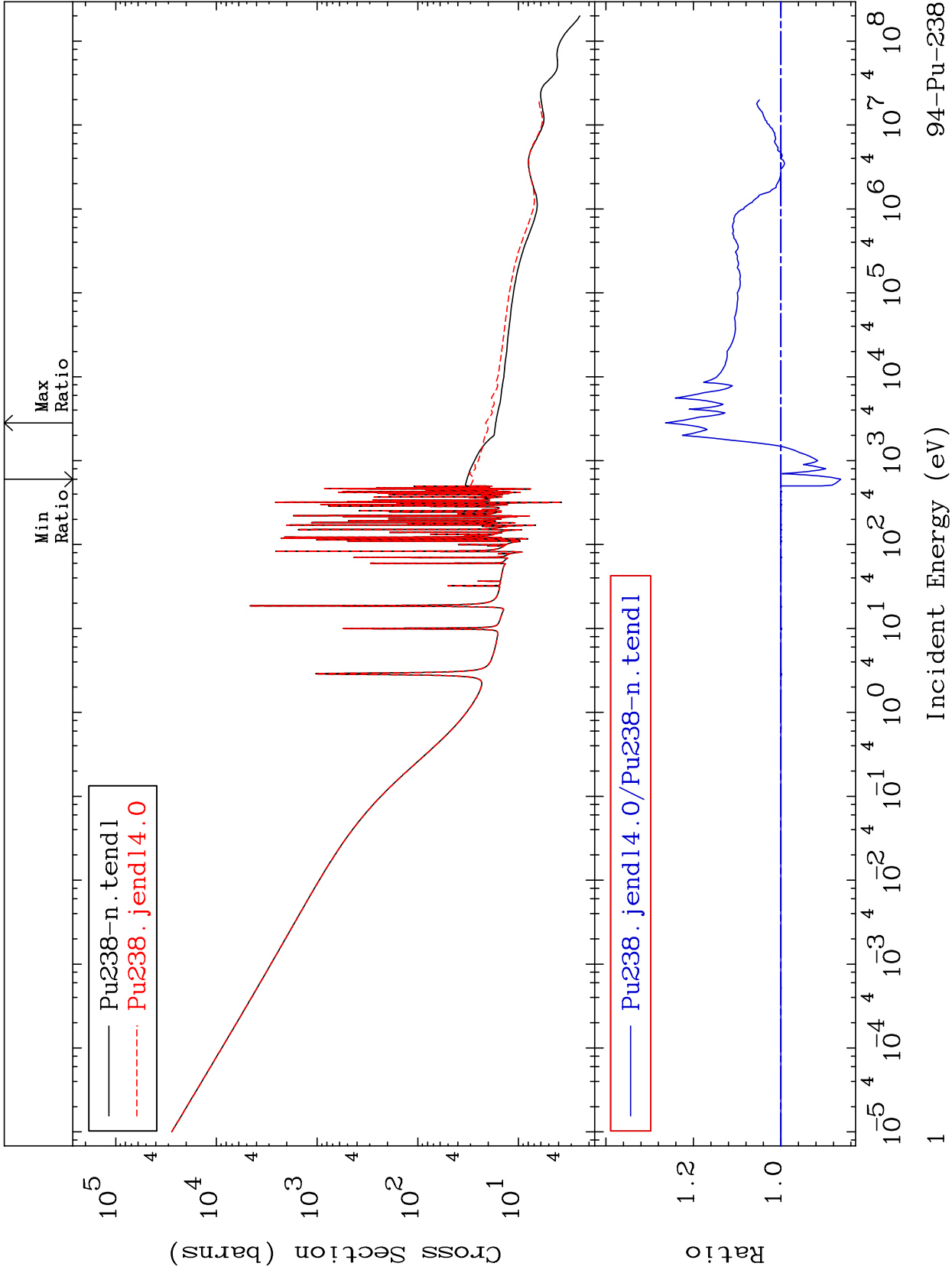
Incident Energy (MeV)

94-Pu-238

MAT 9434

Total
Cross Section

94-Pu-238
-13.65 To 26.38 %

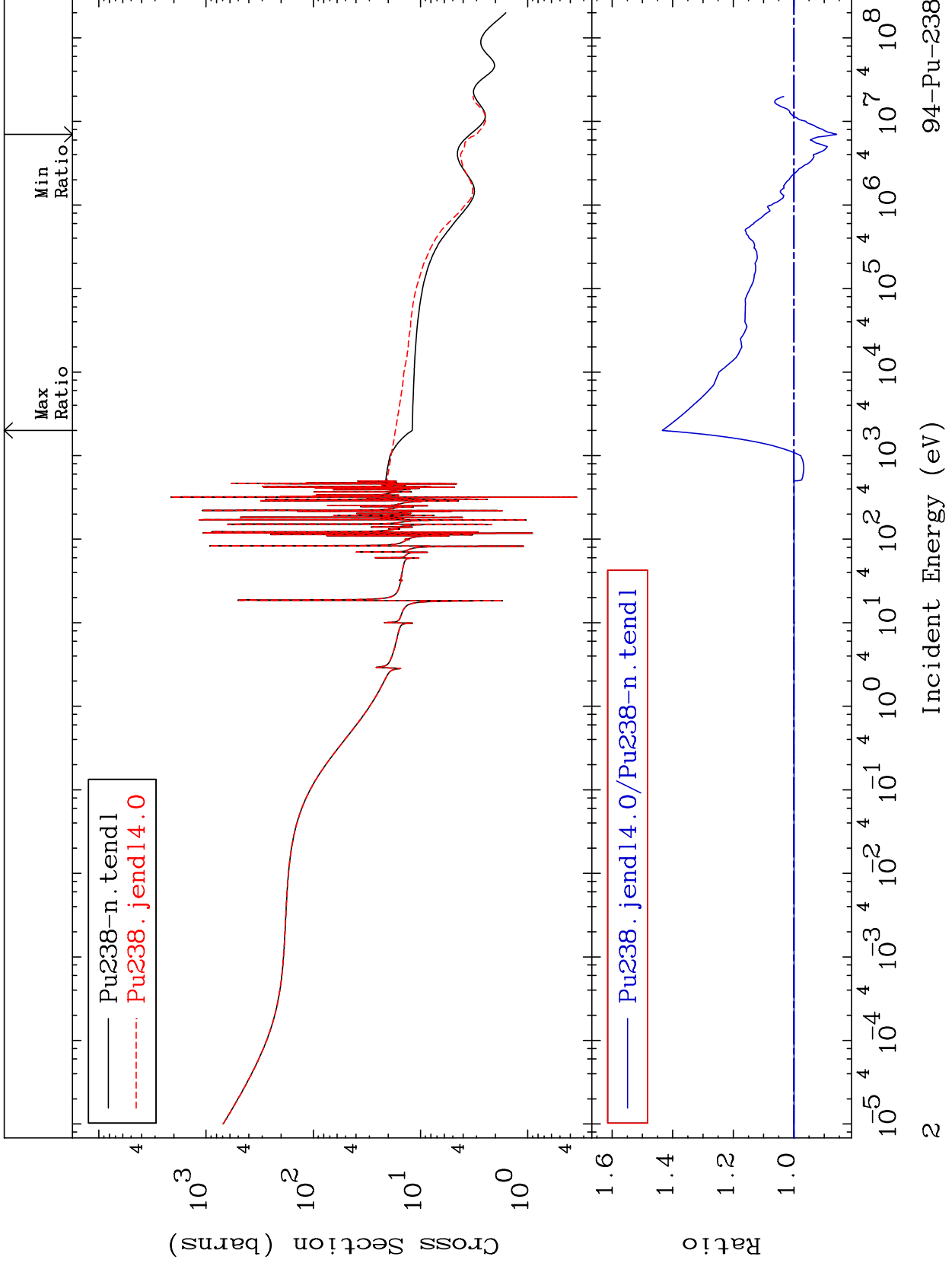


94-Pu-238

MAT 9434

Elastic
Cross Section

94-Pu-238
-14.10 To 43.43 %

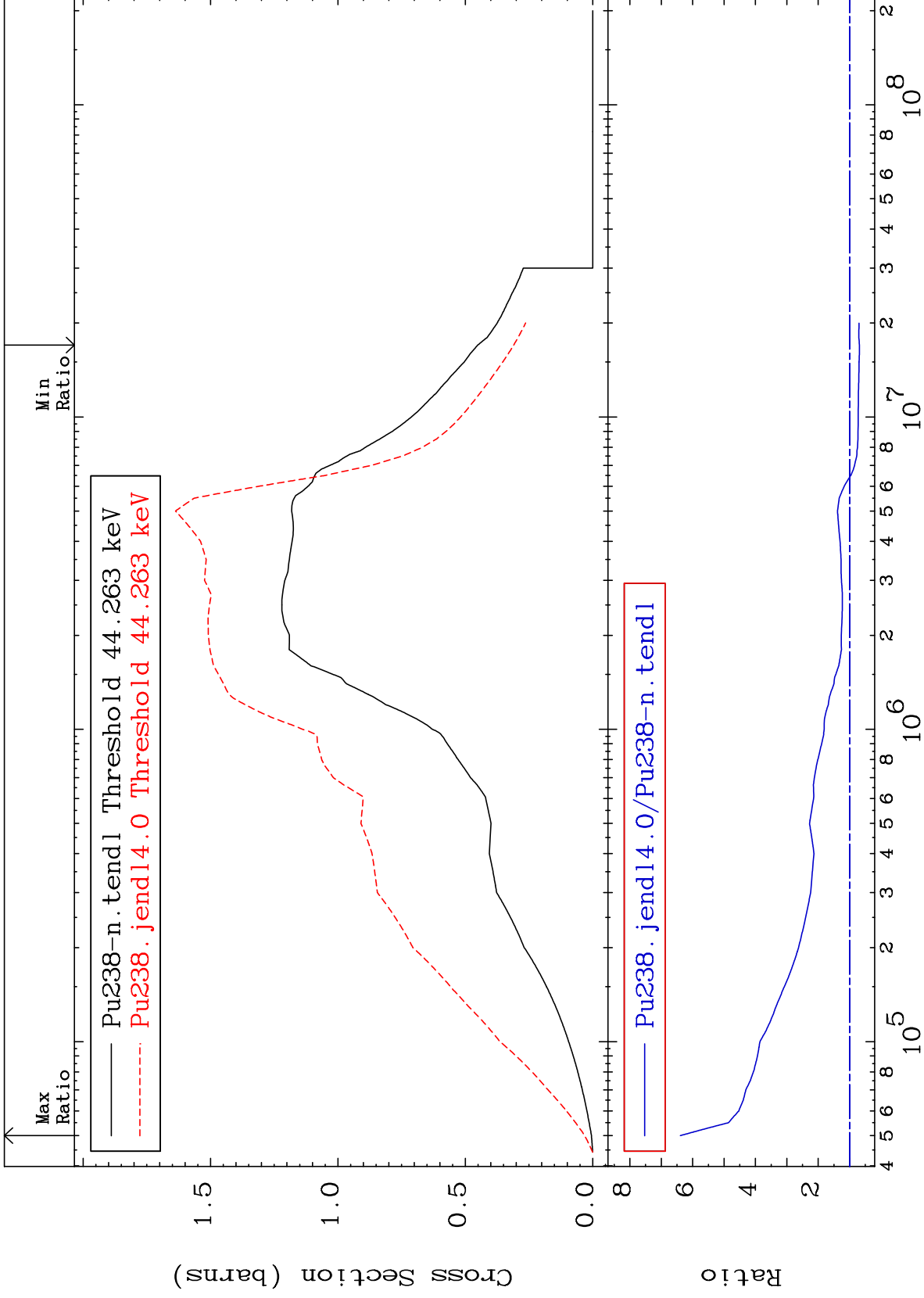


94-Pu-238

MAT 9434

Inelastic
Cross Section

94-Pu-238
-31.24 To 539.2 %



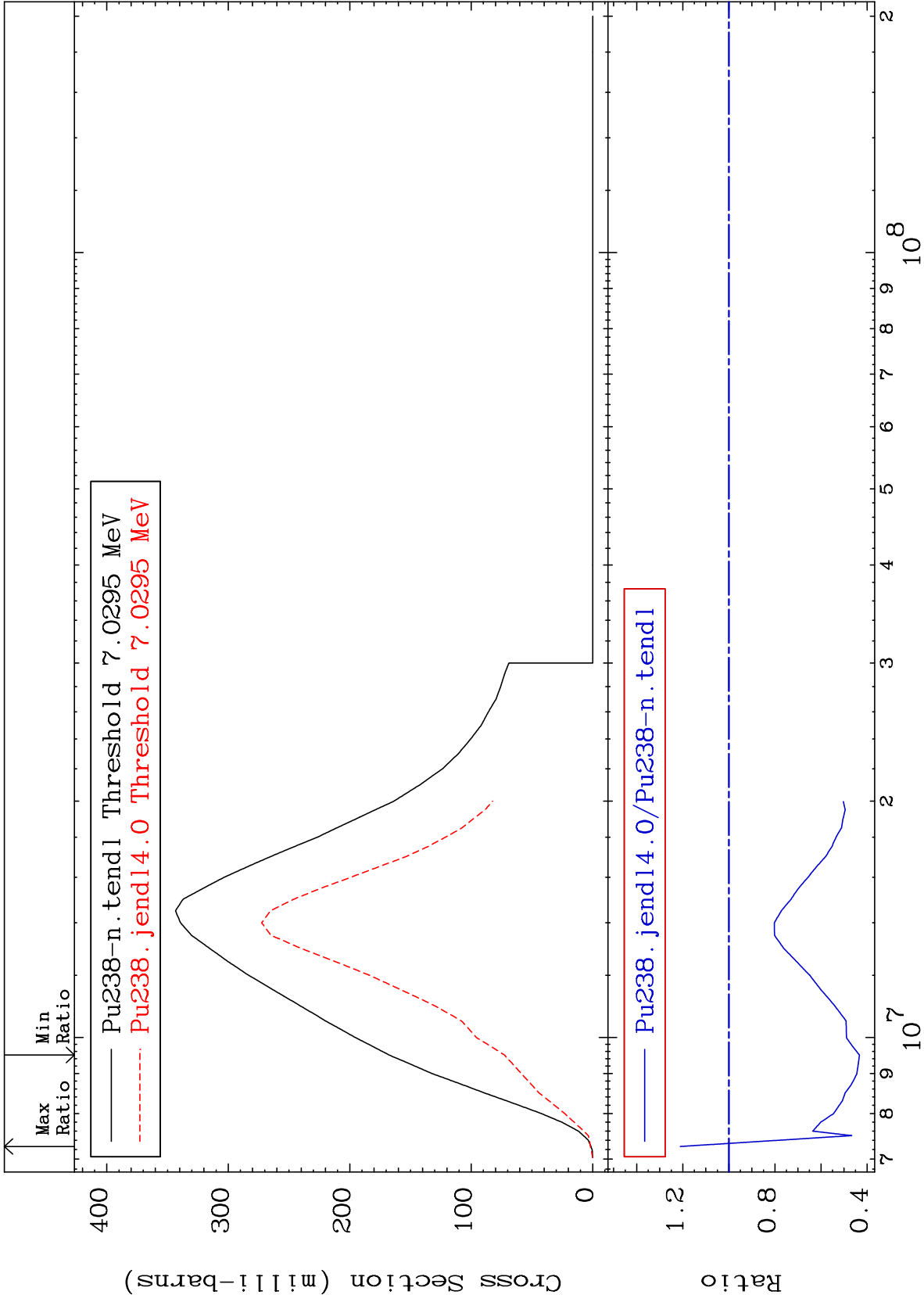
MAT 9434

(n,2n)

94-Pu-238

Cross Section

-56.68 To 21.06 %



4

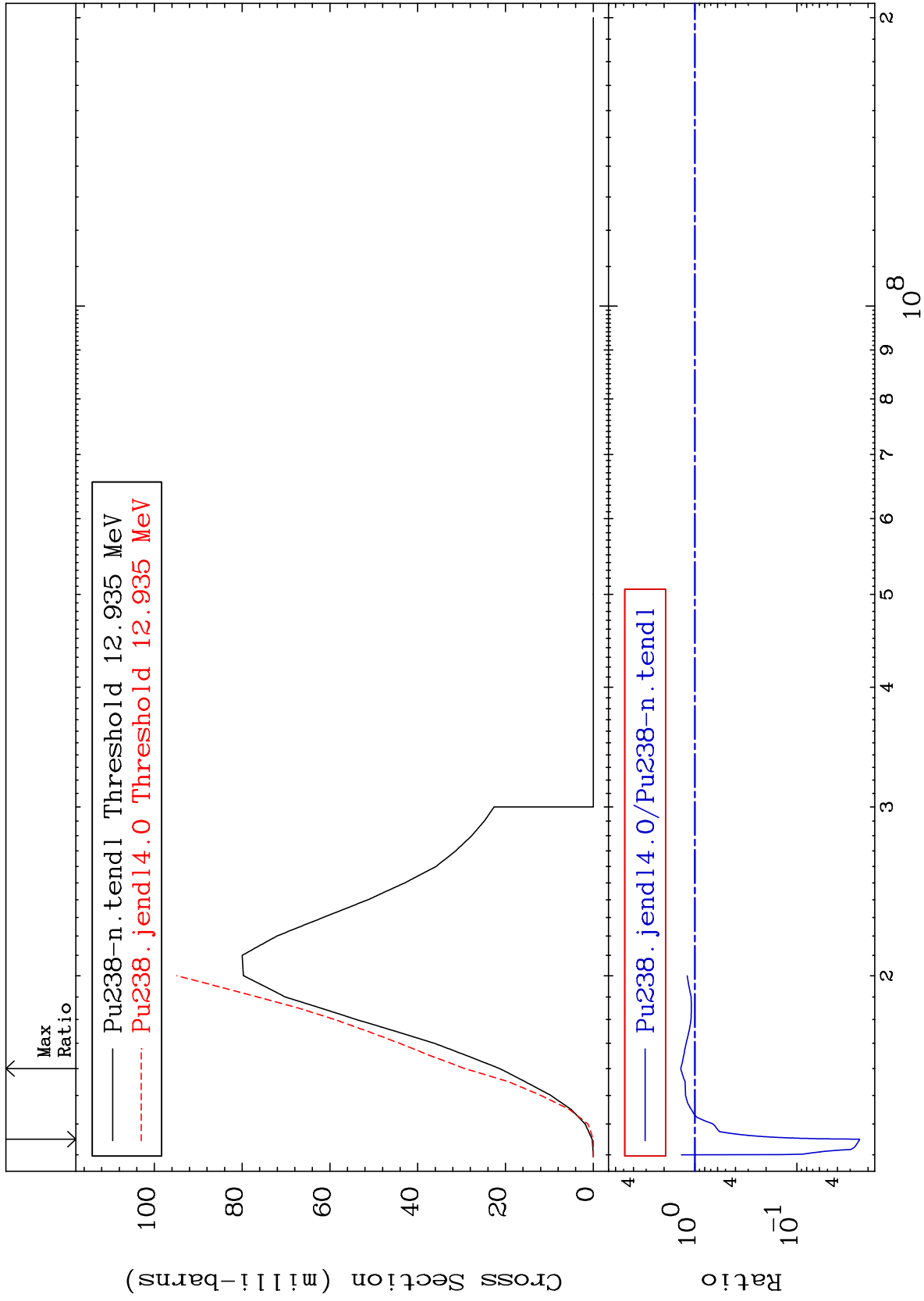
Incident Energy (eV)

94-Pu-238

MAT 9434

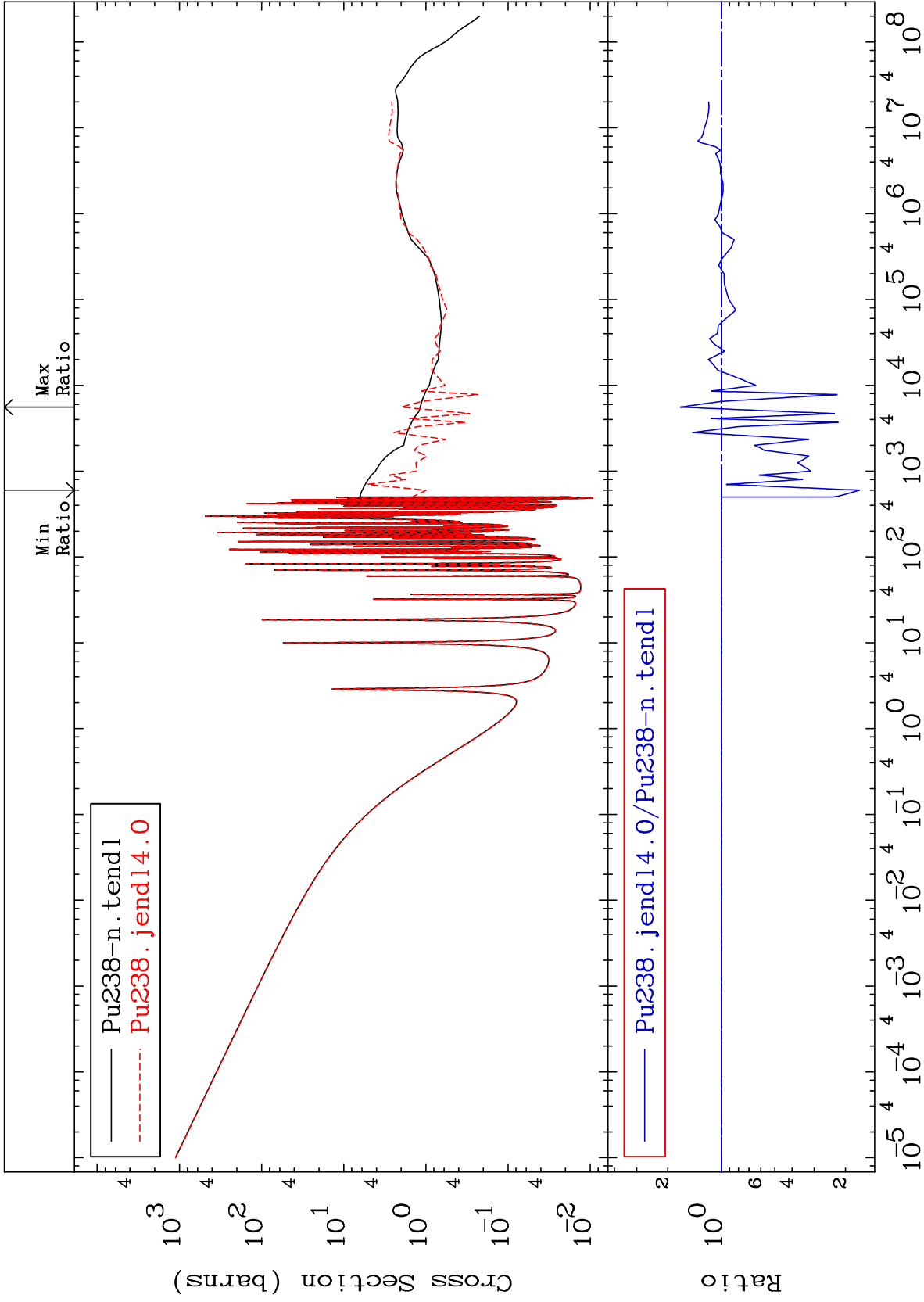
(n,3n)
Cross Section

94-Pu-238
-97.57 To 37.44 %



MAT 9434

Fission Cross Section 94-Pu-238
-83.31 To 70.17 %



Incident Energy (eV)

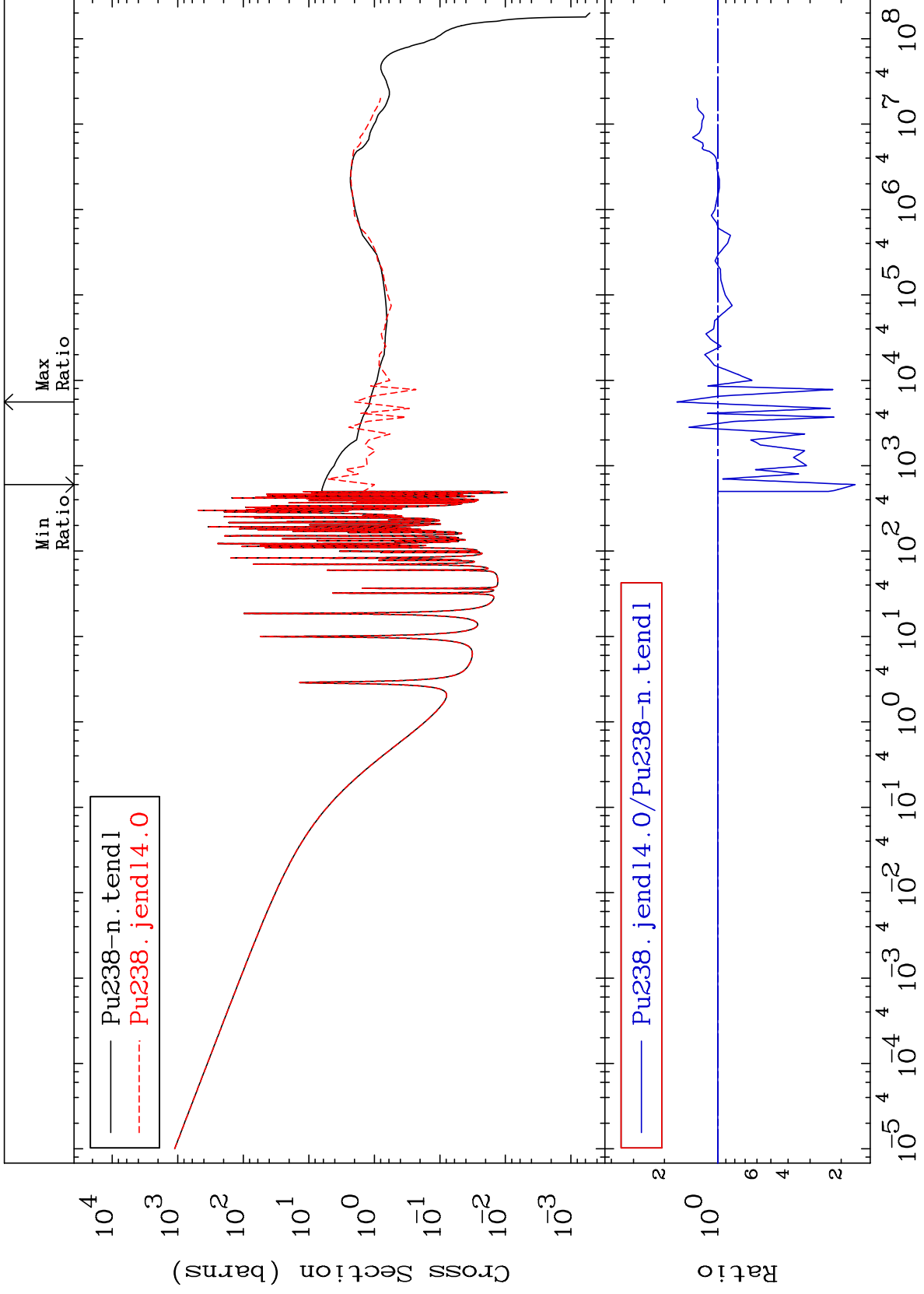
94-Pu-238

6

MAT 9434

(n,f) First Chance
Cross Section

94-Pu-238
-83.31 To 70.17 %



7

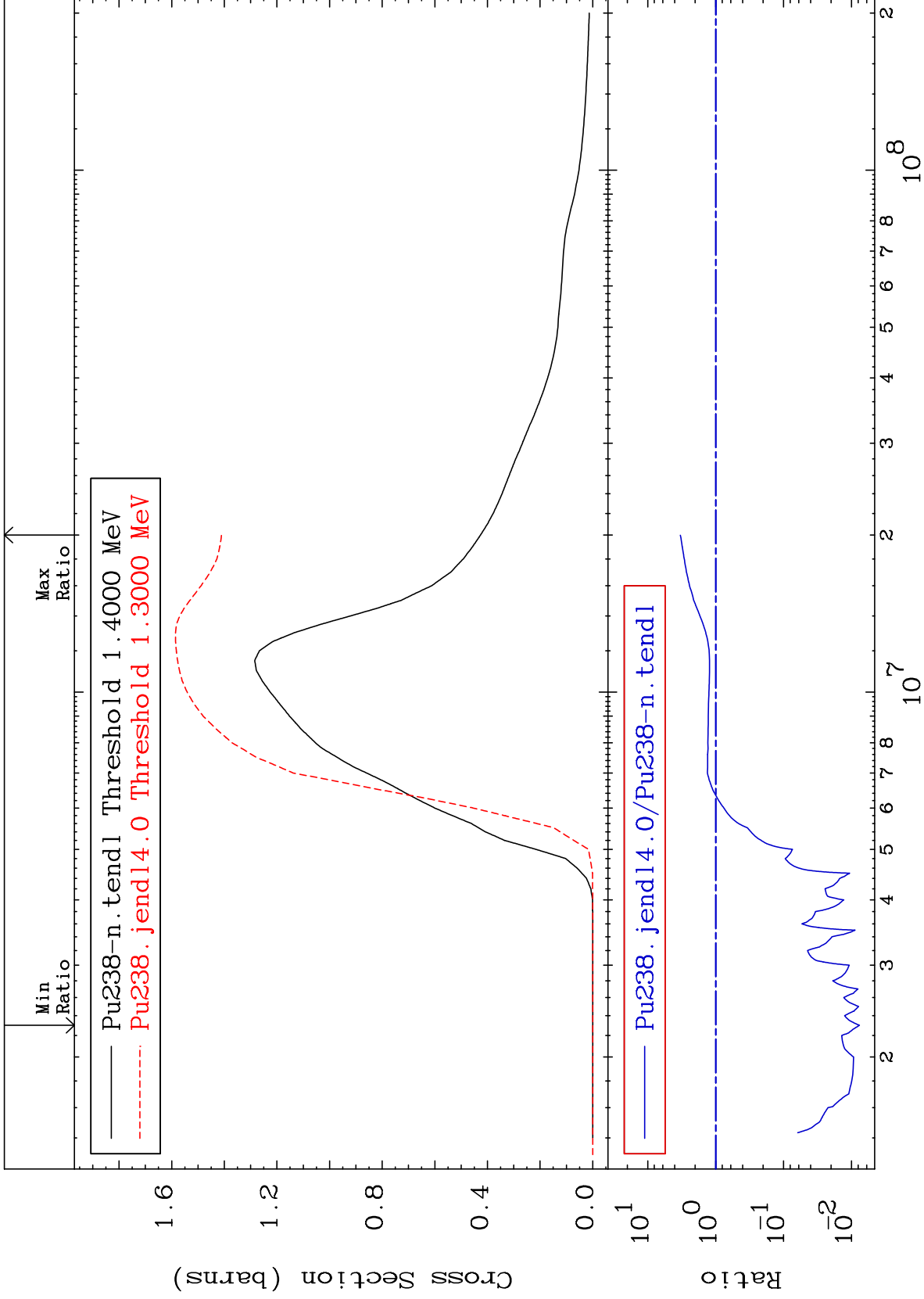
Incident Energy (eV)

94-Pu-238

MAT 9434

(n, nf) Second Chance
Cross Section

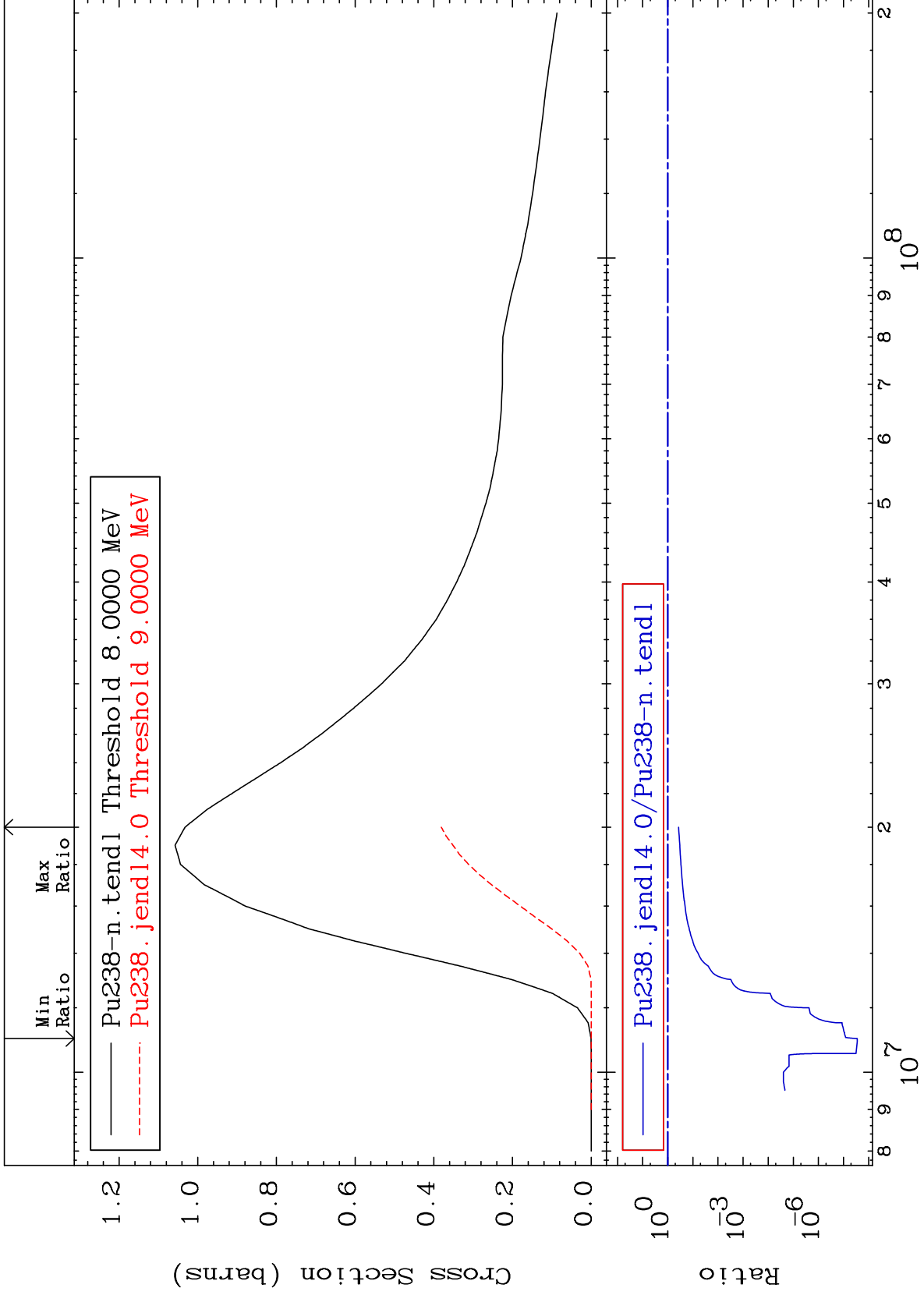
94-Pu-238
-99.23 To 230.8 %



MAT 9434

(n,2nf) Third Chance
Cross Section

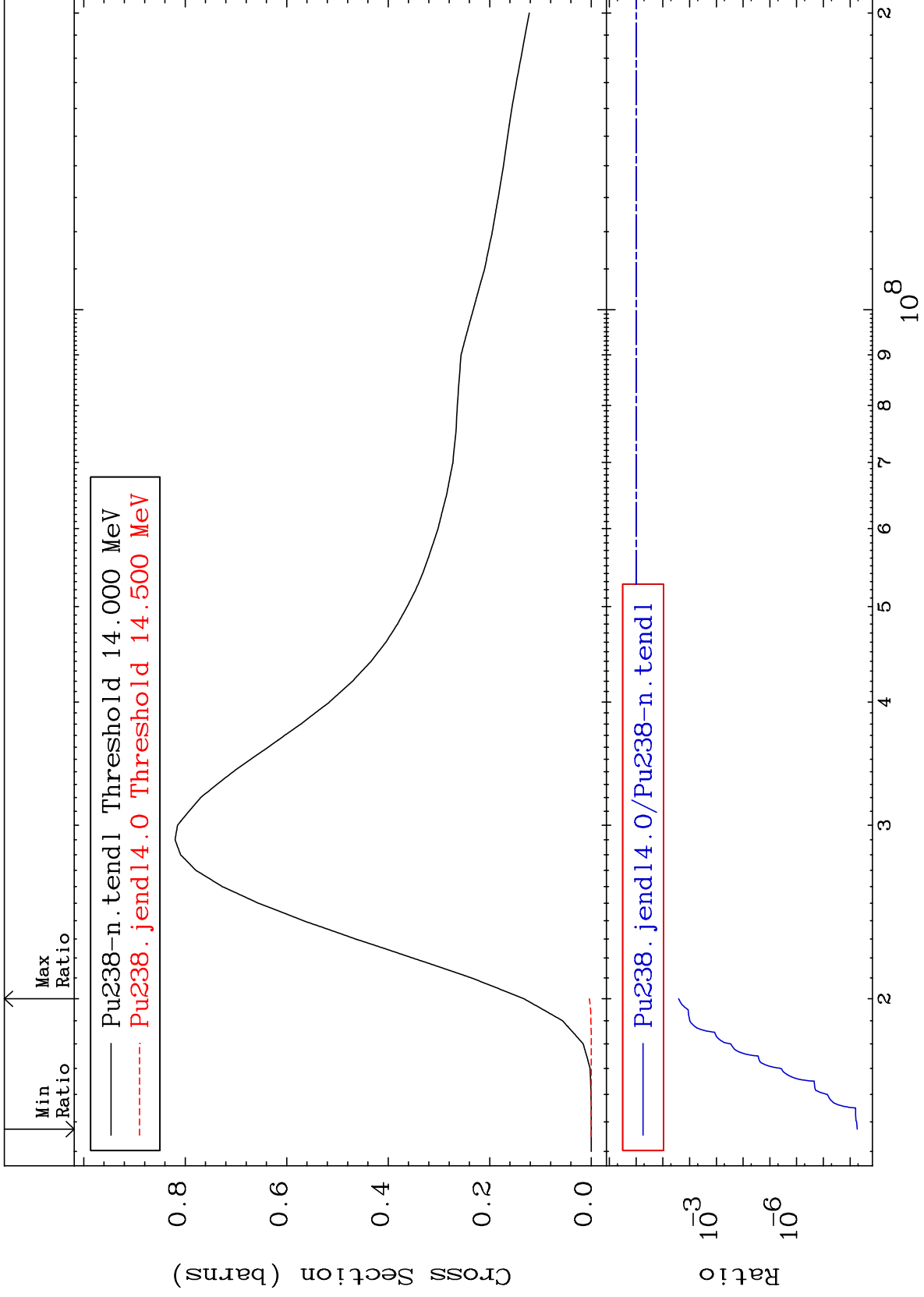
94-Pu-238
-100.0 To -63.09%



MAT 9434

(n,3nf) Fourth Chance
Cross Section

94-Pu-238
-100.0 To -97.43%



10

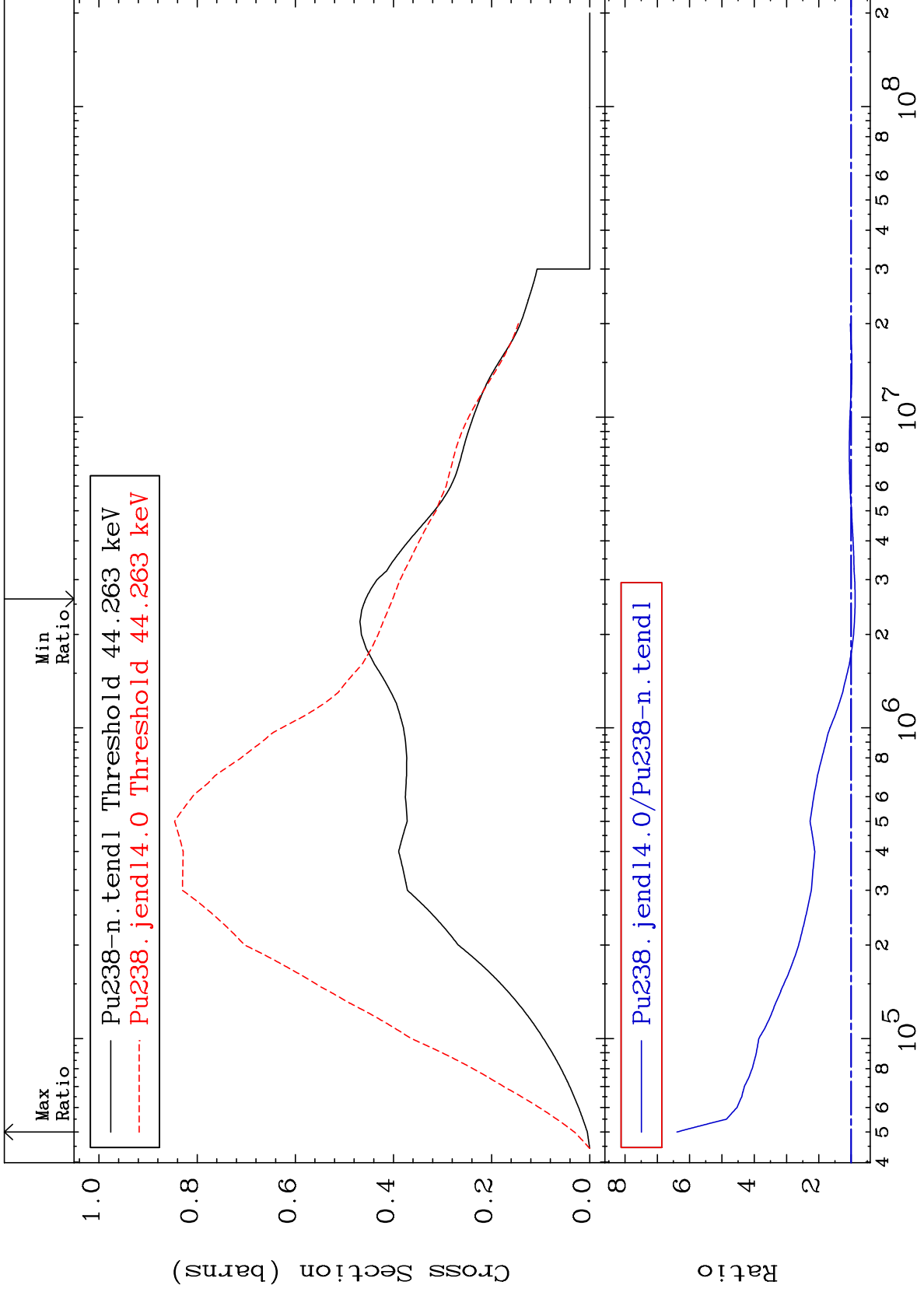
Incident Energy (eV)

94-Pu-238

MAT 9434

44.08 keV (n,n') Level
Cross Section

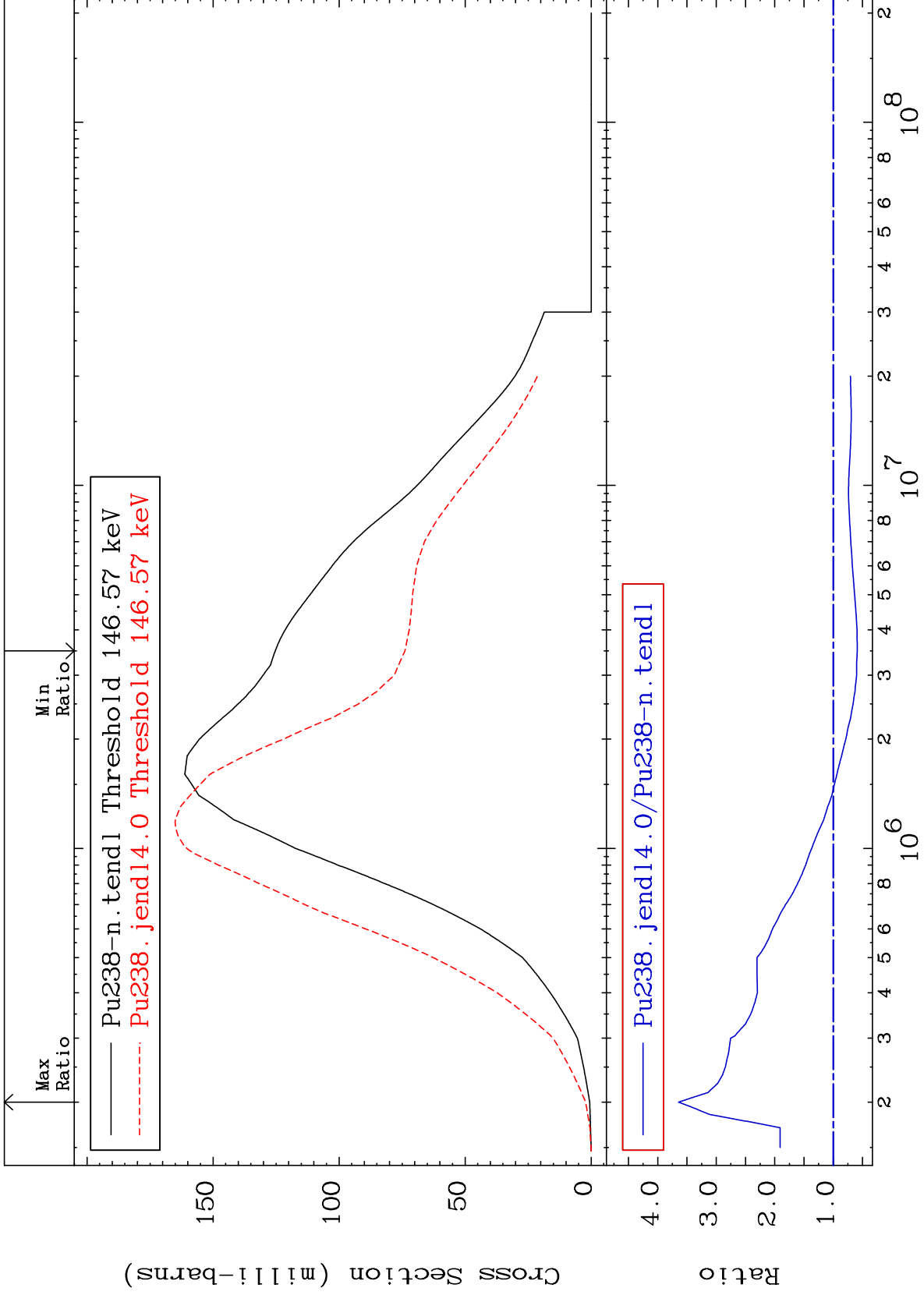
94-Pu-238
-12.05 To 539.2 %



MAT 9434

146.0 keV (n,n') Level
Cross Section

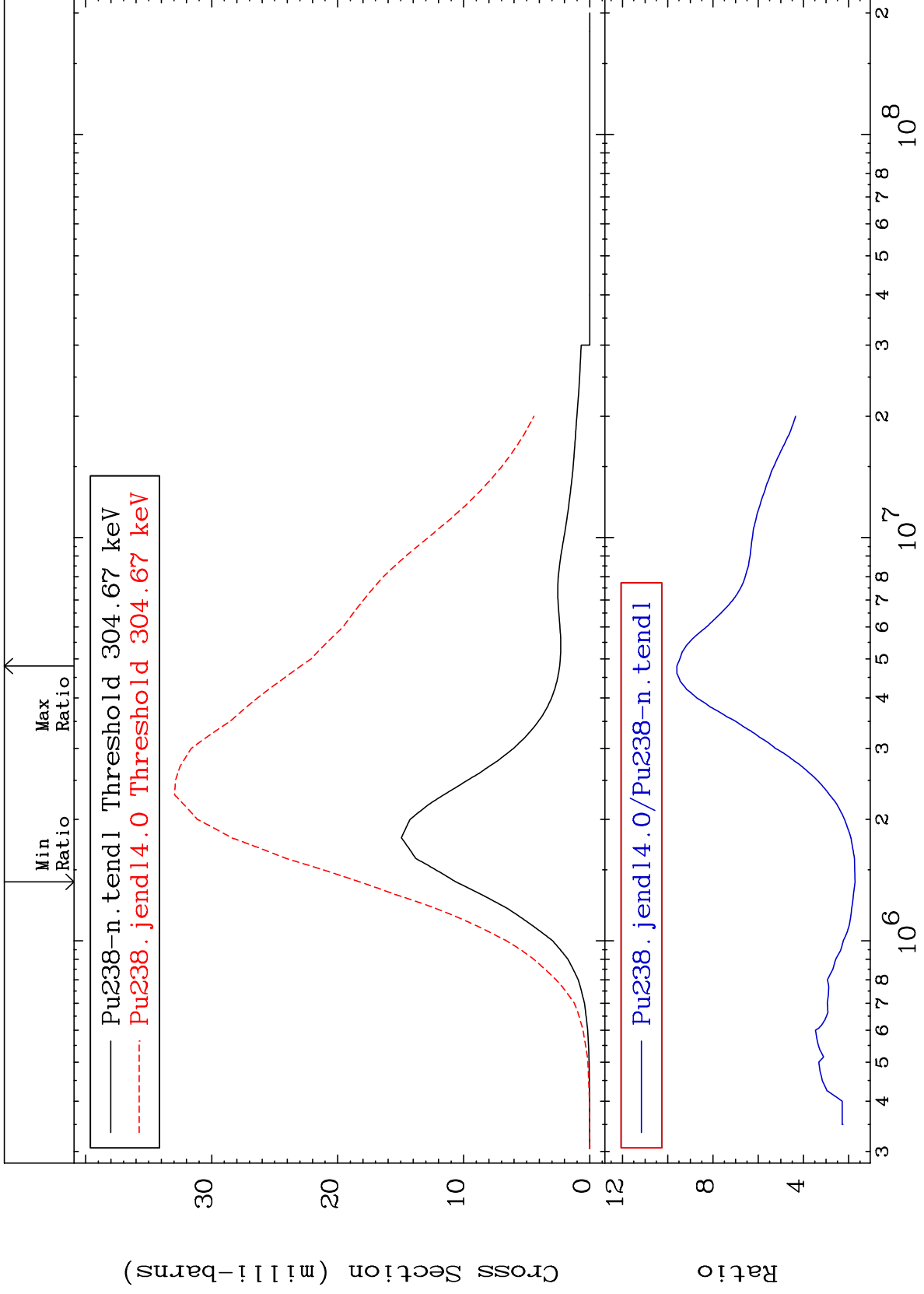
94-Pu-238
-41.07 To 264.3 %



MAT 9434

303.4 keV (n,n') Level
Cross Section

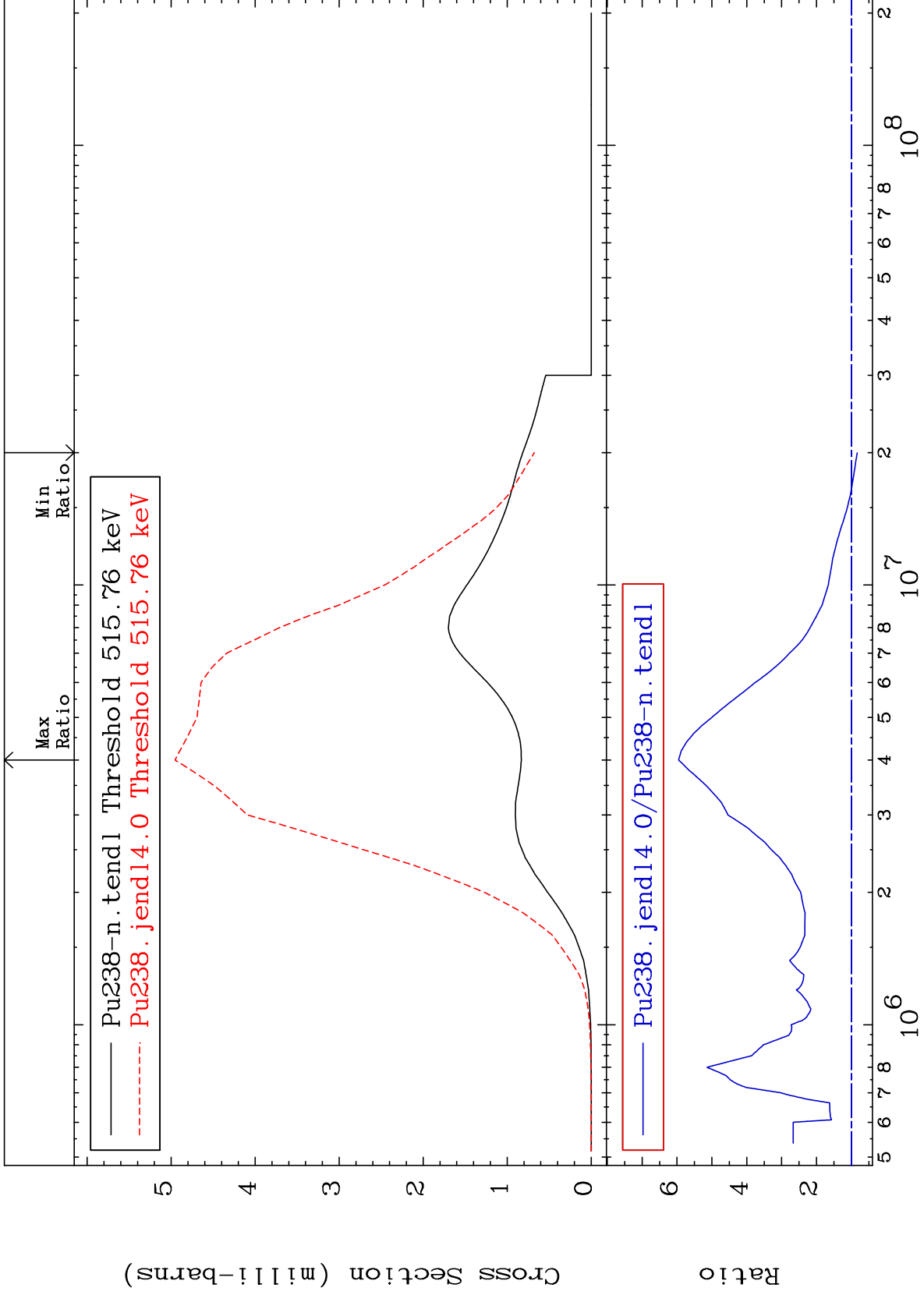
94-Pu-238
71.76 To 859.4 %



MAT 9434

513.6 keV (n,n') Level
Cross Section

94-Pu-238
-16.80 To 495.4 %



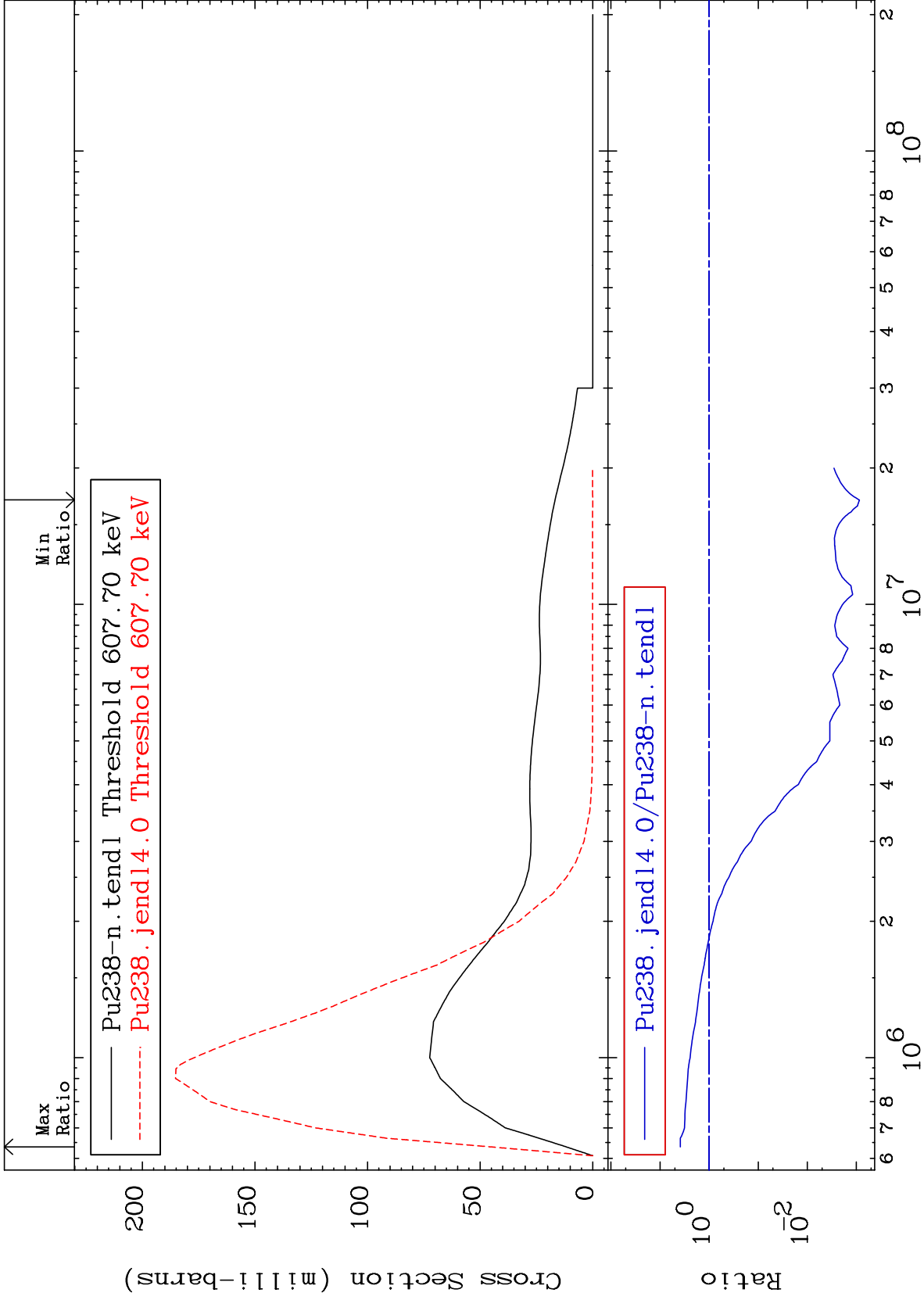
14

94-Pu-238

MAT 9434

605.1 keV (n,n') Level
Cross Section

94-Pu-238
-99.91 To 285.3 %



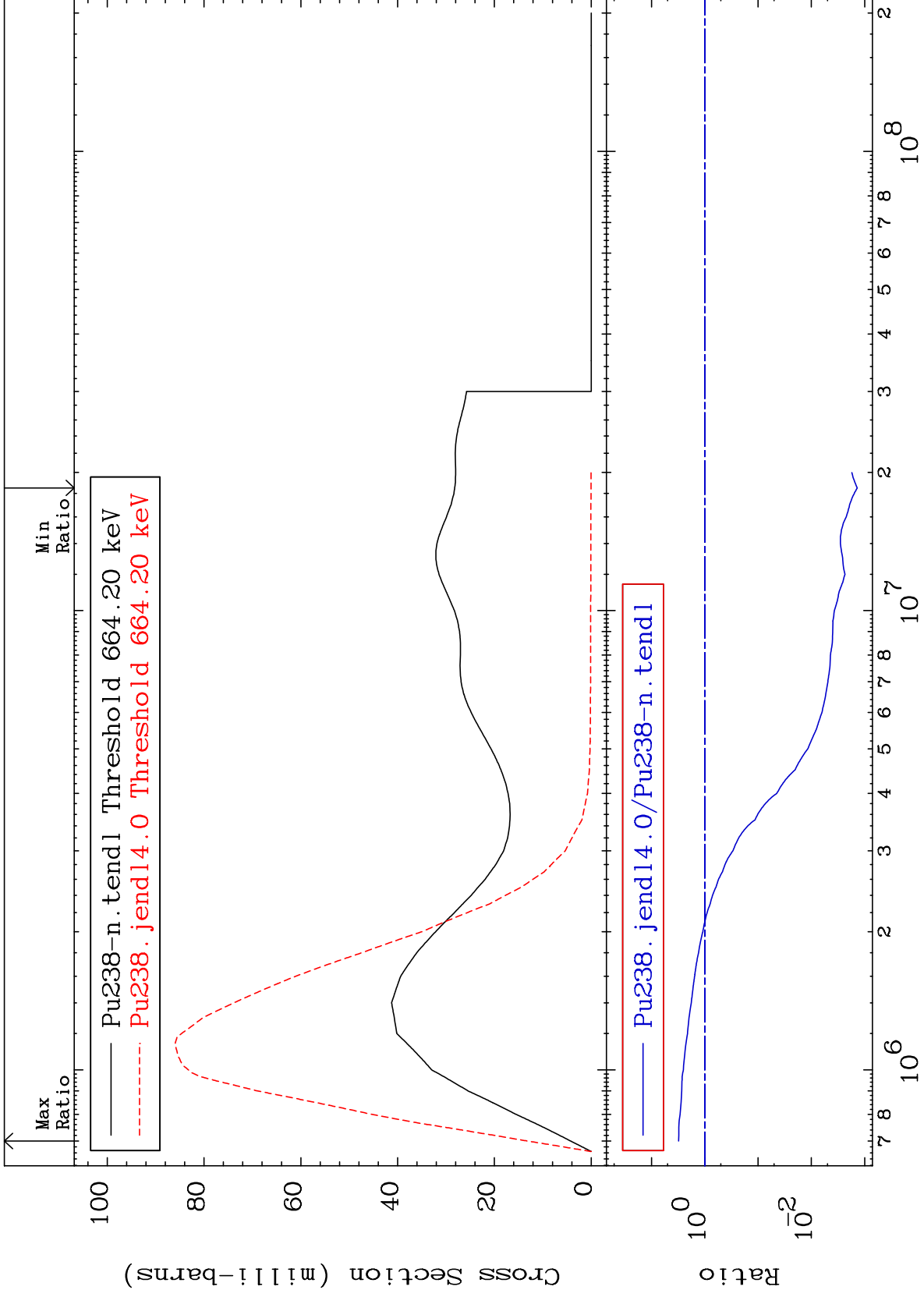
15

94-Pu-238

MAT 9434

661.4 keV (n,n') Level
Cross Section

94-Pu-238
-99.86 To 209.2 %



16

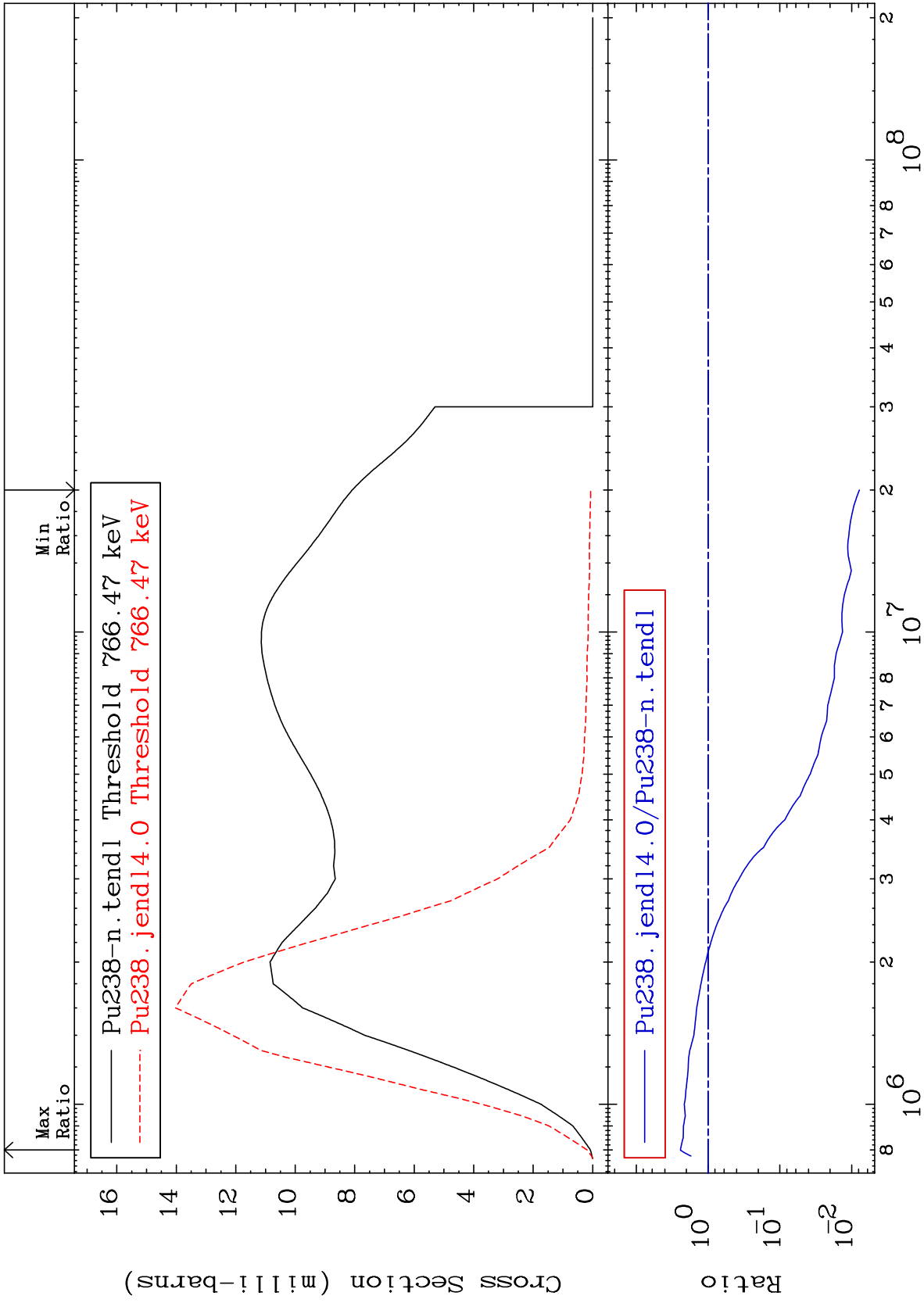
Incident Energy (eV)

94-Pu-238

MAT 9434

763.2 keV (n,n') Level
Cross Section

94-Pu-238
-99.22 To 143.1 %



17

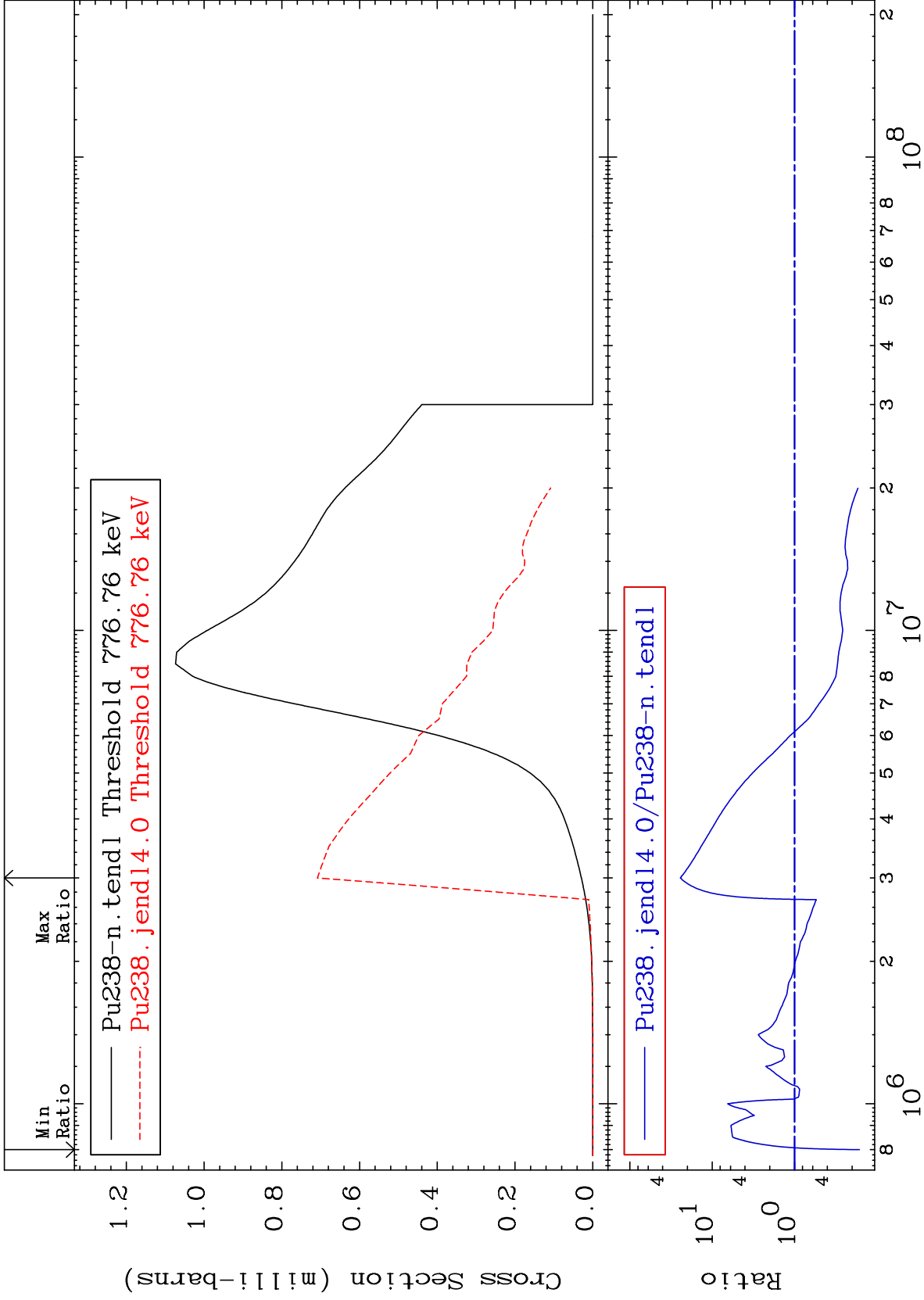
Incident Energy (eV)

94-Pu-238

MAT 9434

773.5 keV (n,n') Level
Cross Section

94-Pu-238
-83.71 To 2339. %



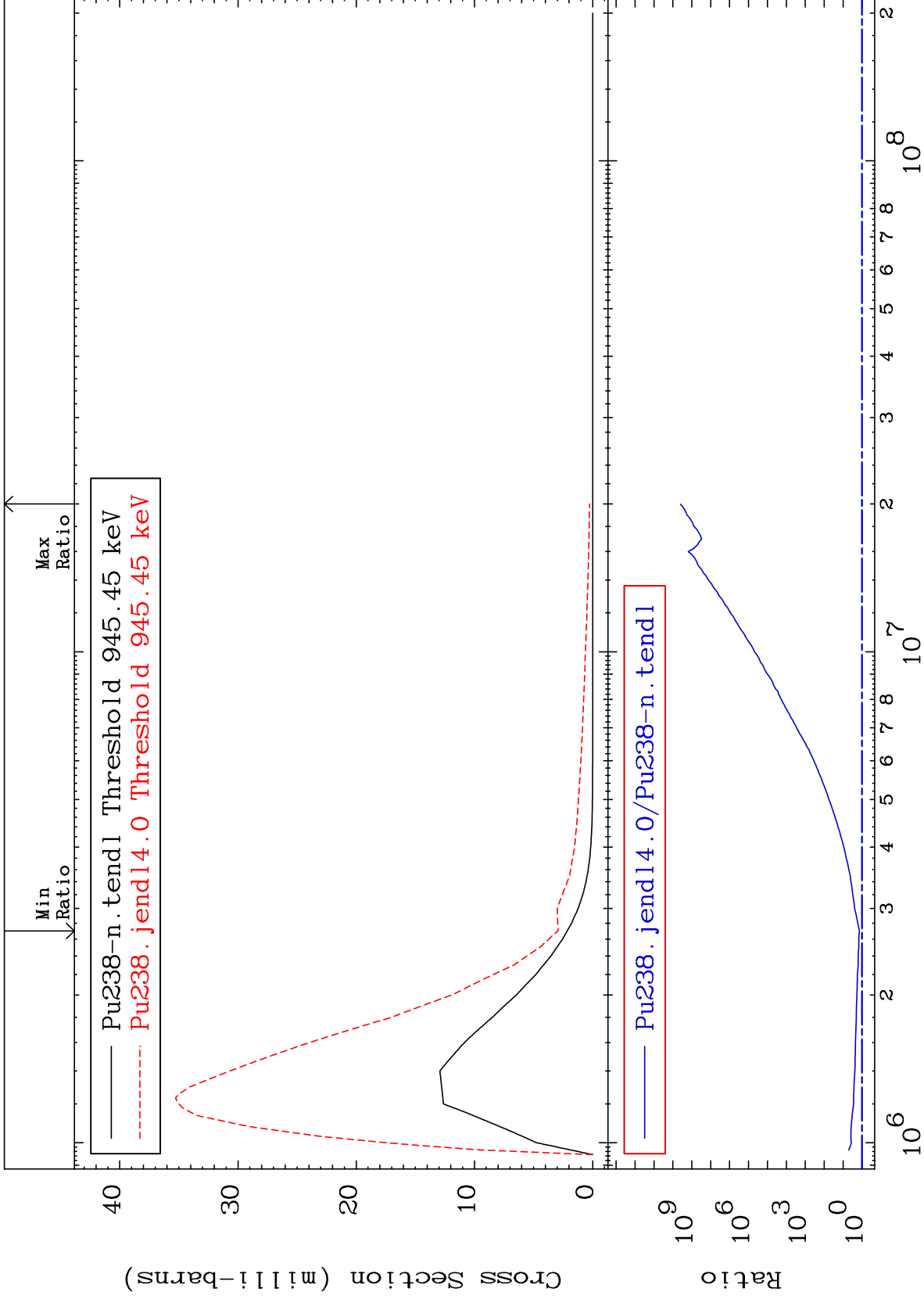
18

94-Pu-238

MAT 9434

941.5 keV (n,n') Level
Cross Section

94-Pu-238
36.22 To 9999. %



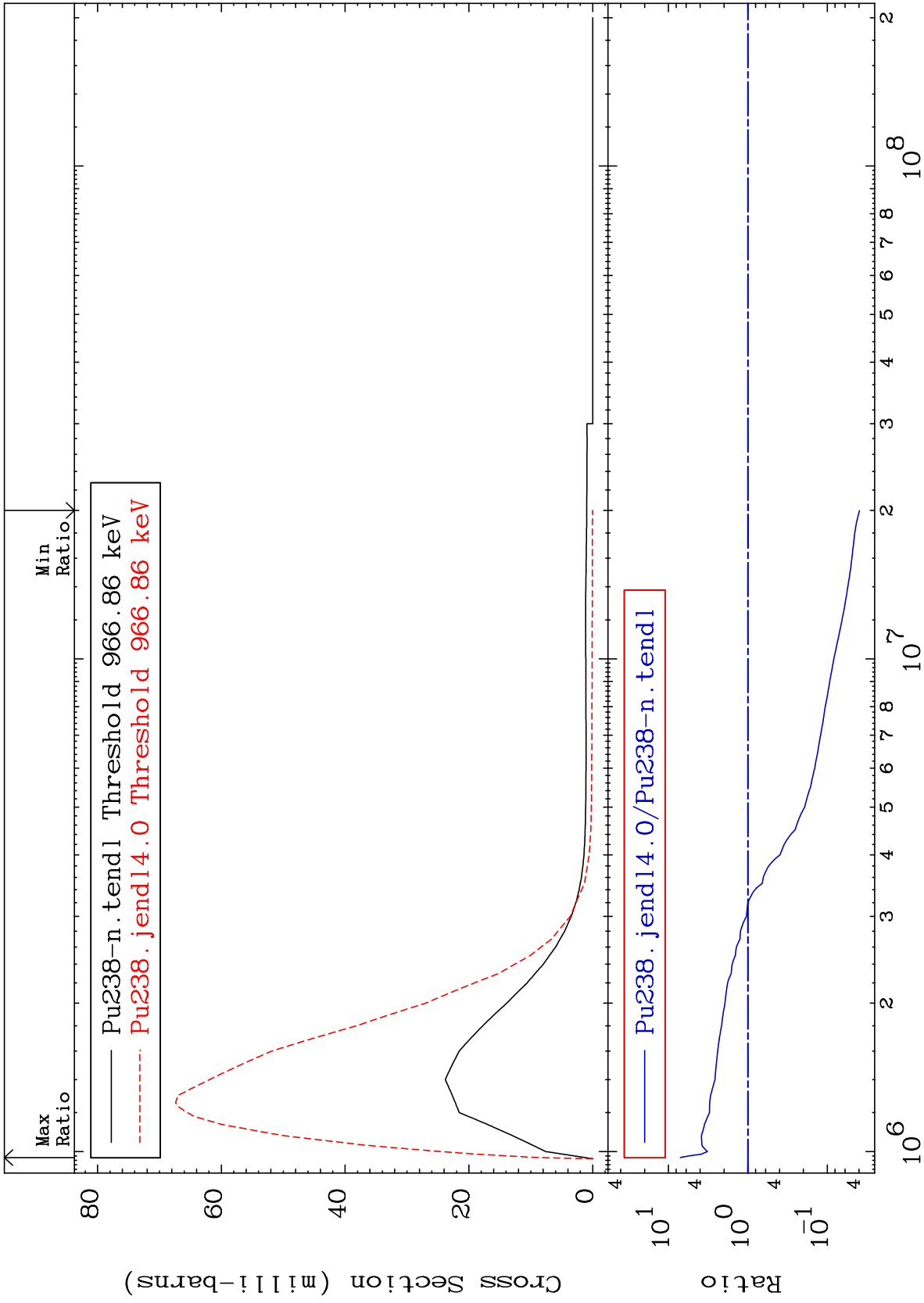
19

94-Pu-238

MAT 9434

962.8 keV (n,n') Level
Cross Section

94-Pu-238
-96.06 To 609.4 %



20

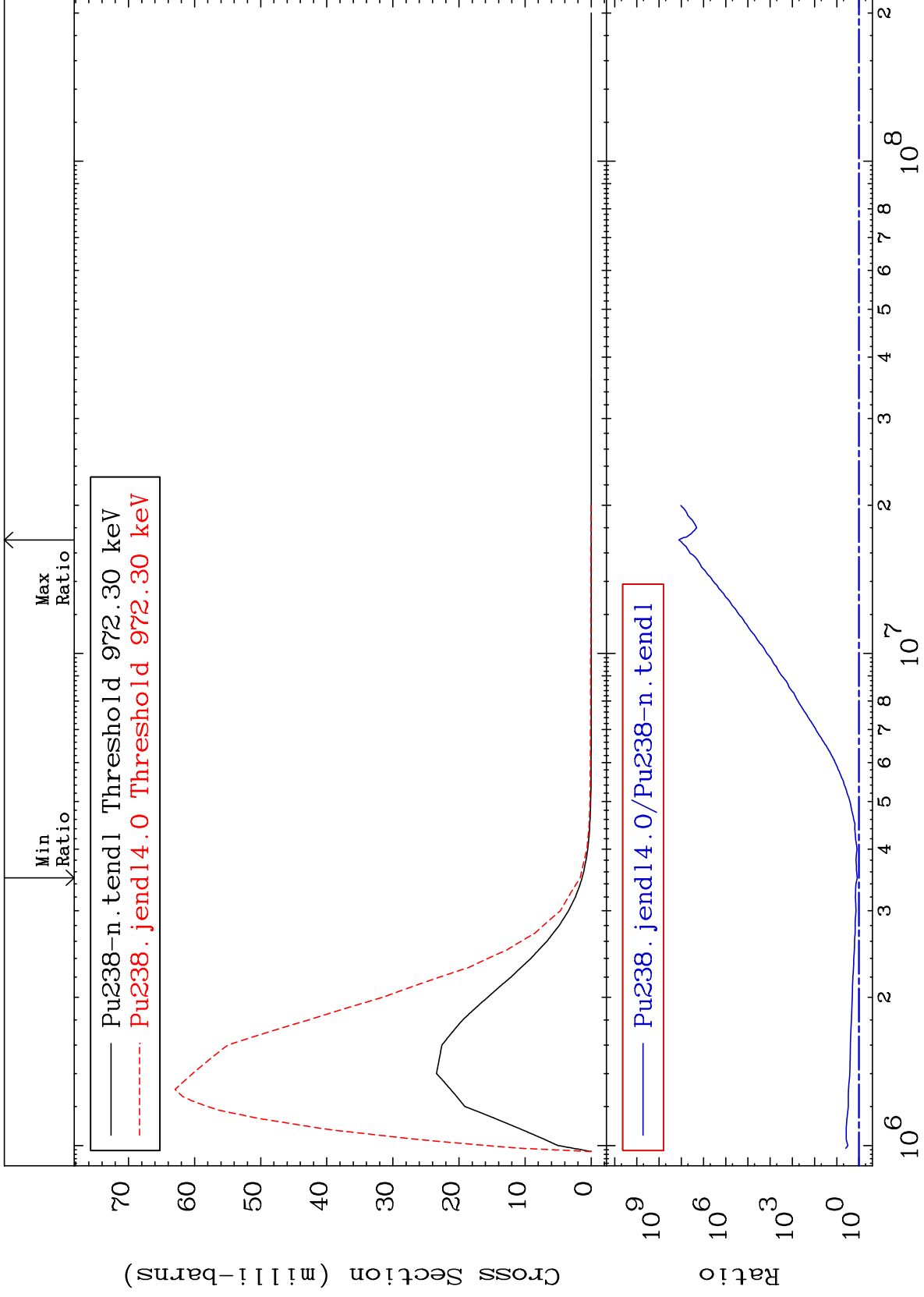
Incident Energy (eV)

94-Pu-238

MAT 9434

968.2 keV (n,n') Level
Cross Section

94-Pu-238
19.57 To 9999. %



21

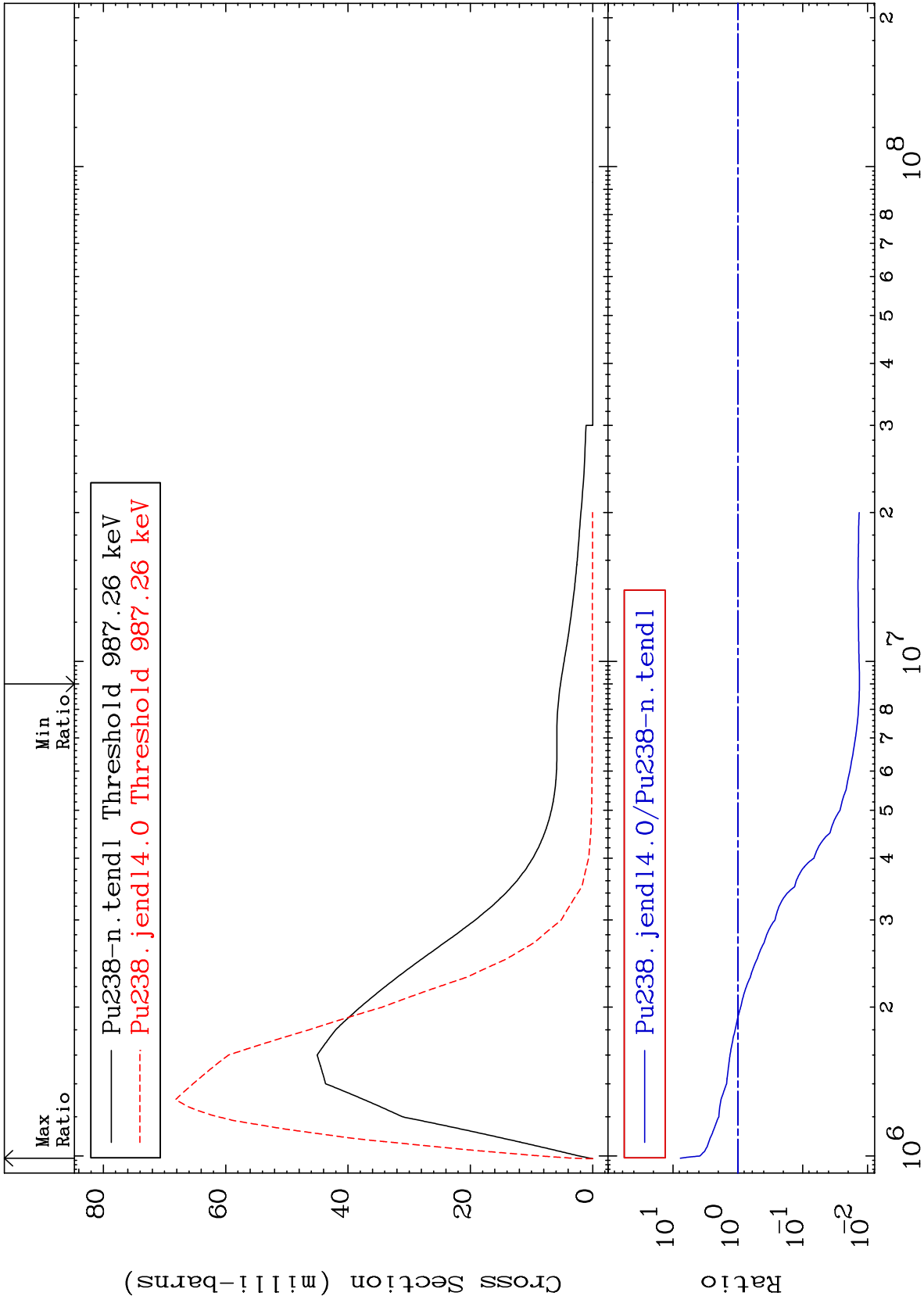
Incident Energy (eV)

94-Pu-238

MAT 9434

983.1 keV (n,n') Level
Cross Section

94-Pu-238
-98.66 To 669.7 %



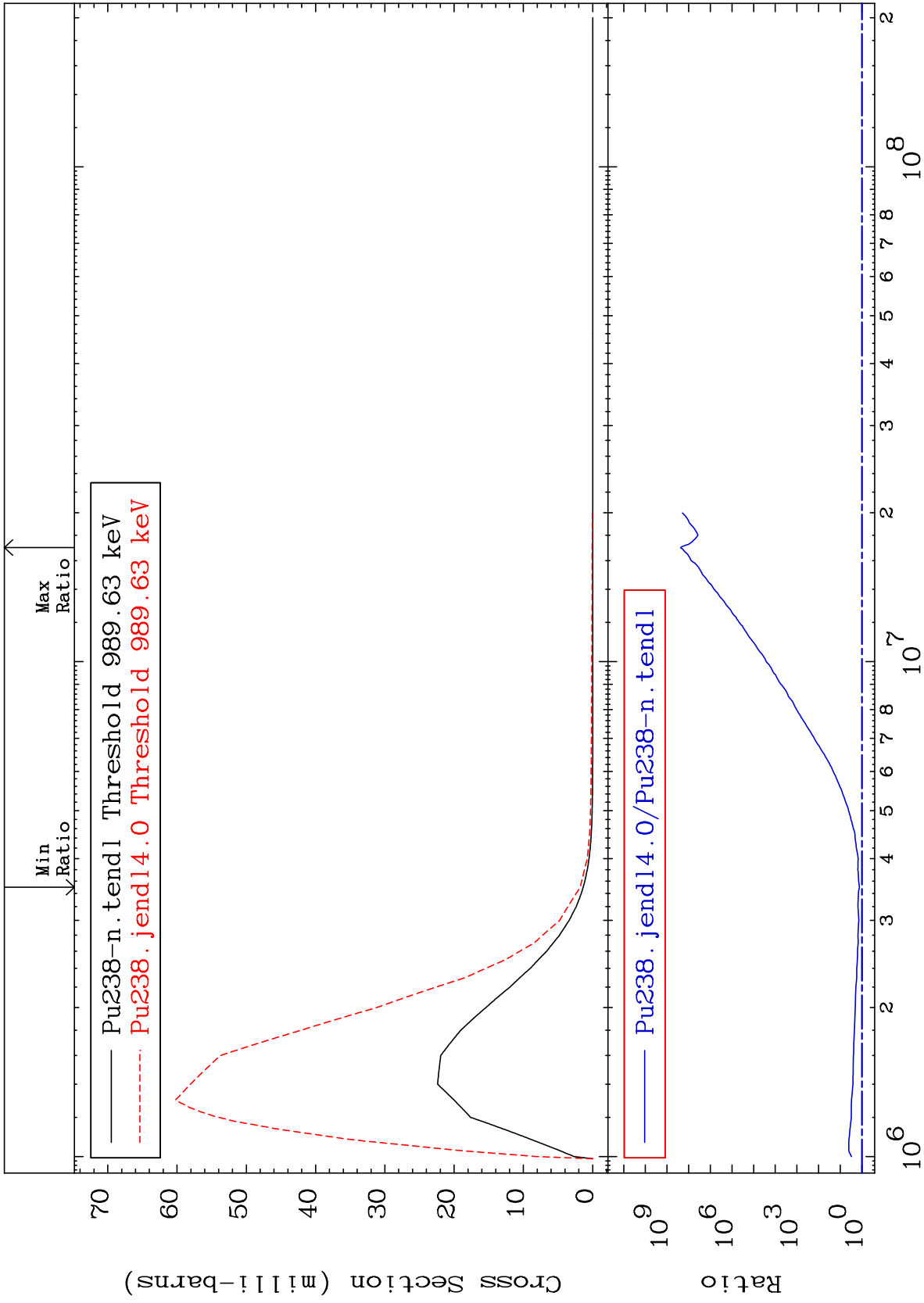
22

94-Pu-238

MAT 9434

985.5 keV (n,n') Level
Cross Section

94-Pu-238
29.81 To 9999. %



23

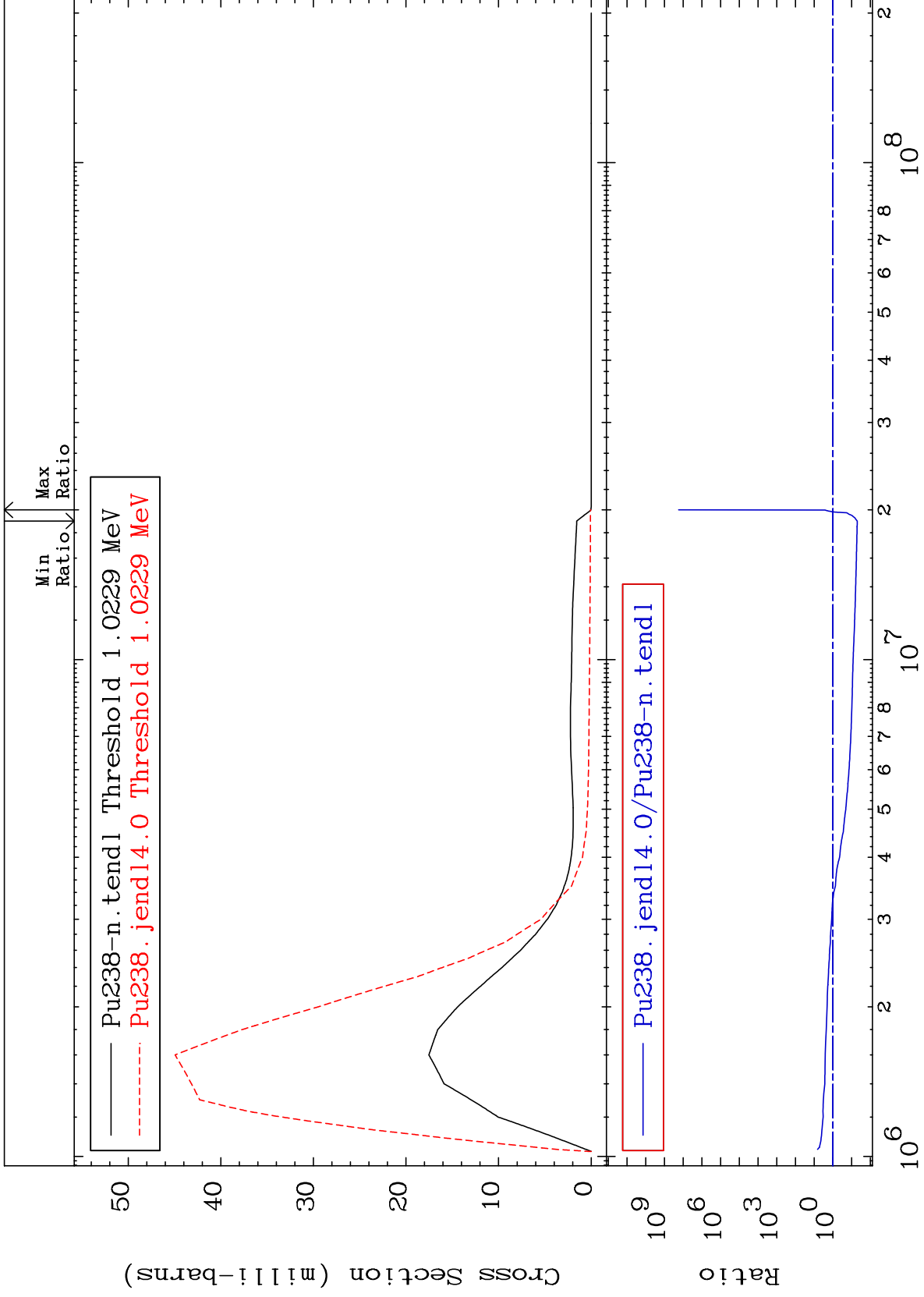
Incident Energy (eV)

94-Pu-238

MAT 9434

1.019 MeV (n,n') Level
Cross Section

94-Pu-238
-95.01 To 9999. %



24

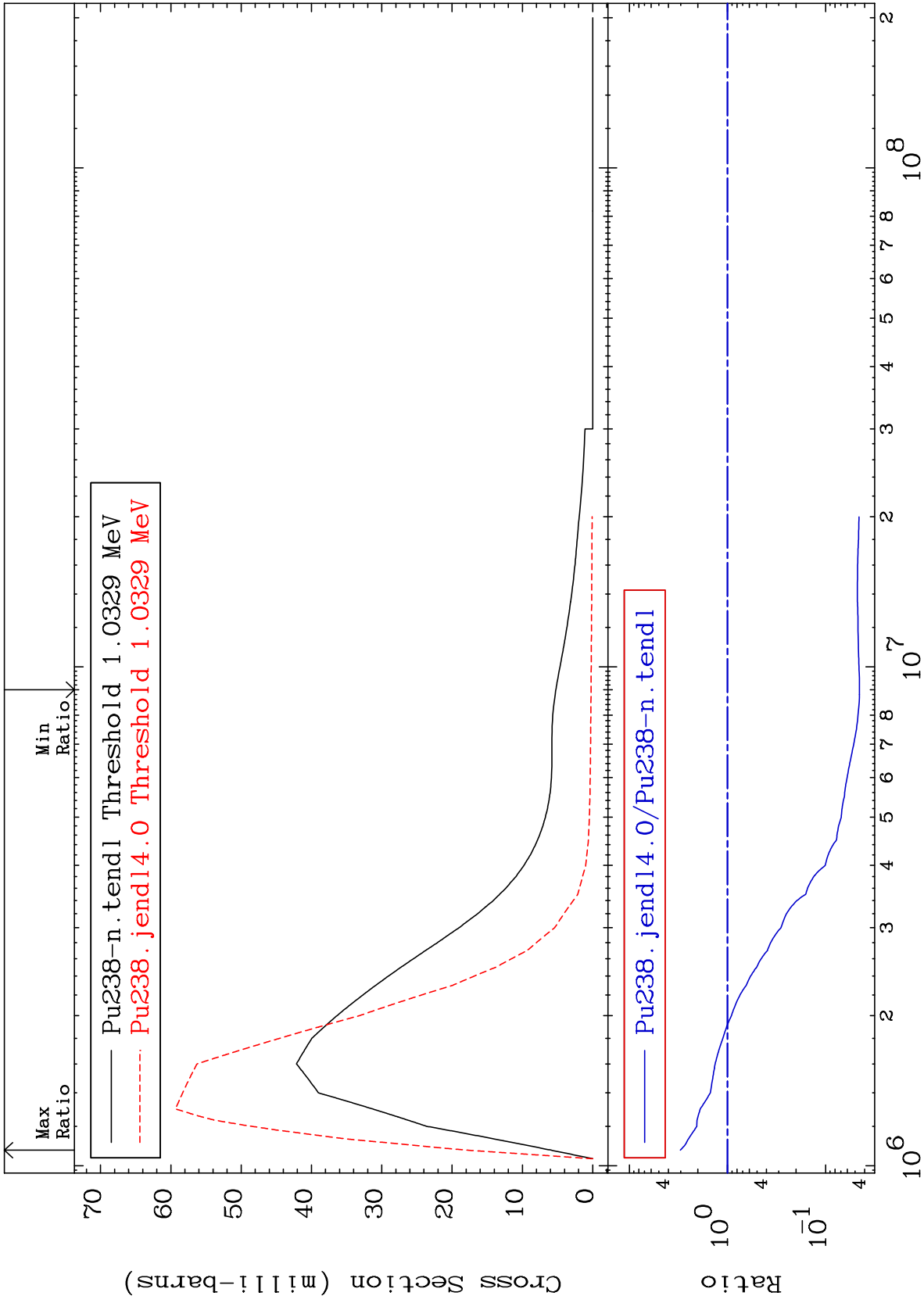
Incident Energy (eV)

94-Pu-238

MAT 9434

1.029 MeV (n,n') Level
Cross Section

94-Pu-238
-95.48 To 202.1 %



25

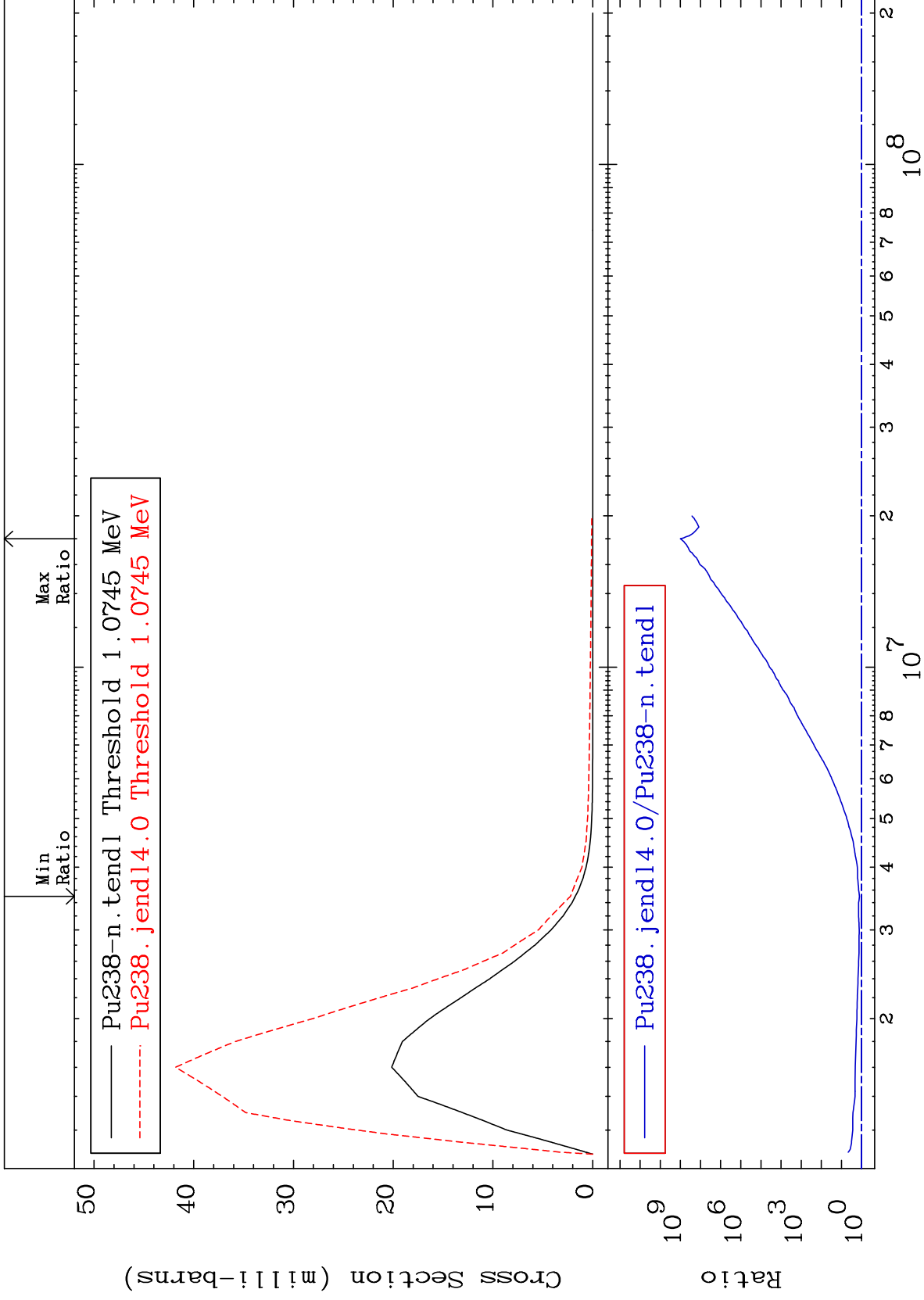
Incident Energy (eV)

94-Pu-238

MAT 9434

1.070 MeV (n,n') Level
Cross Section

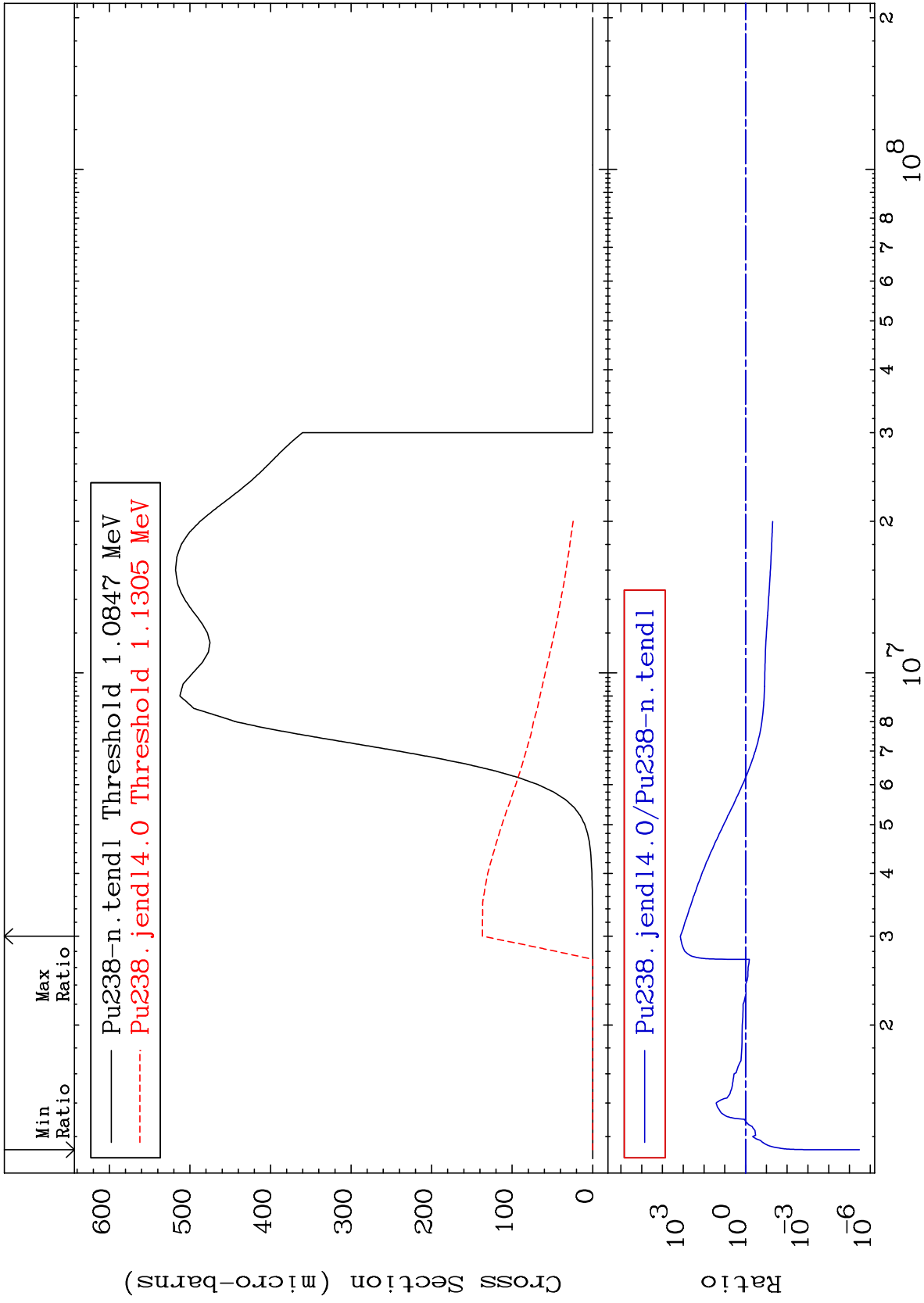
94-Pu-238
27.52 To 9999. %



MAT 9434

1.080 MeV (n,n') Level
Cross Section

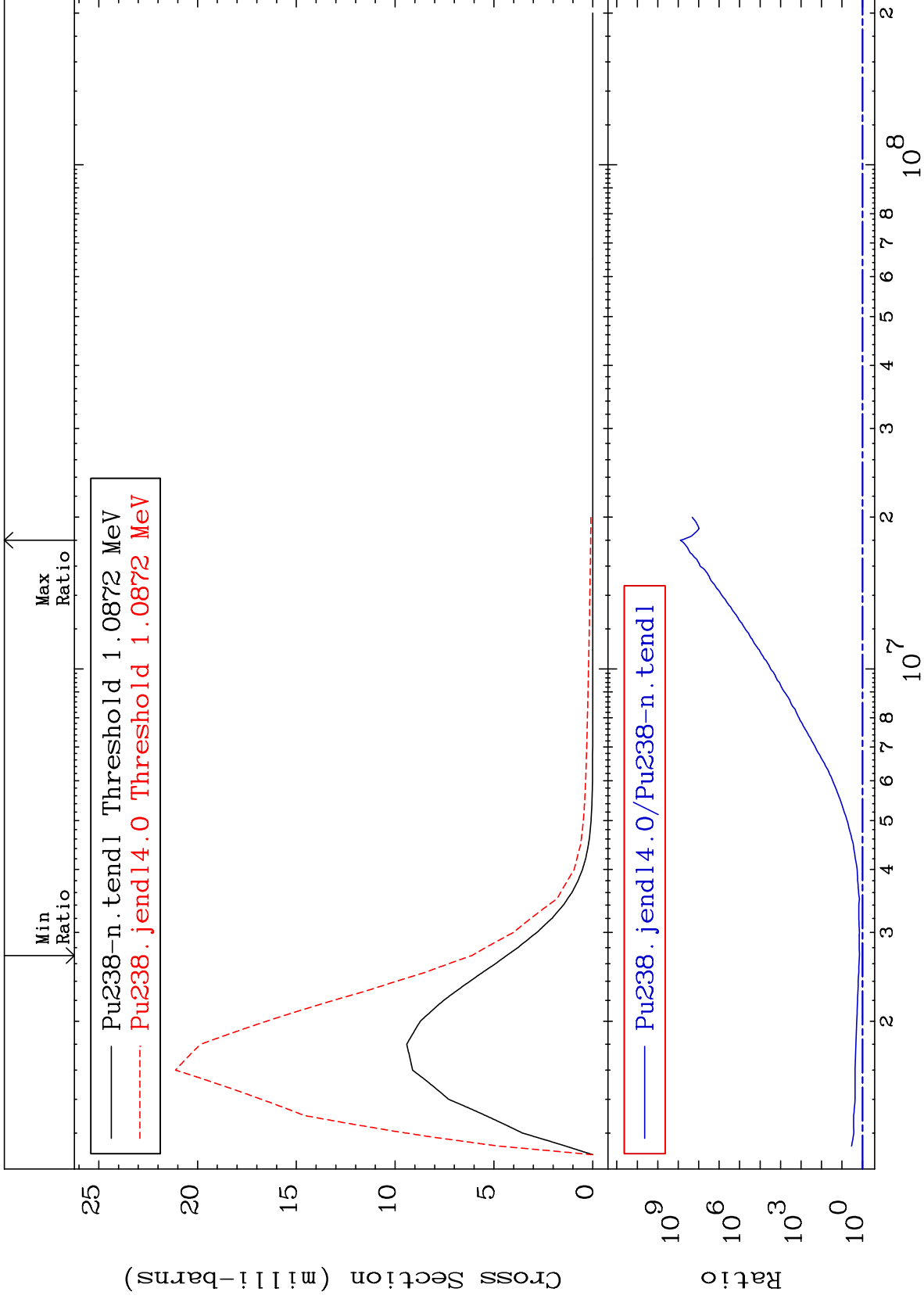
94-Pu-238
-100.0 To 9999. %



MAT 9434

1.083 MeV (n,n') Level
Cross Section

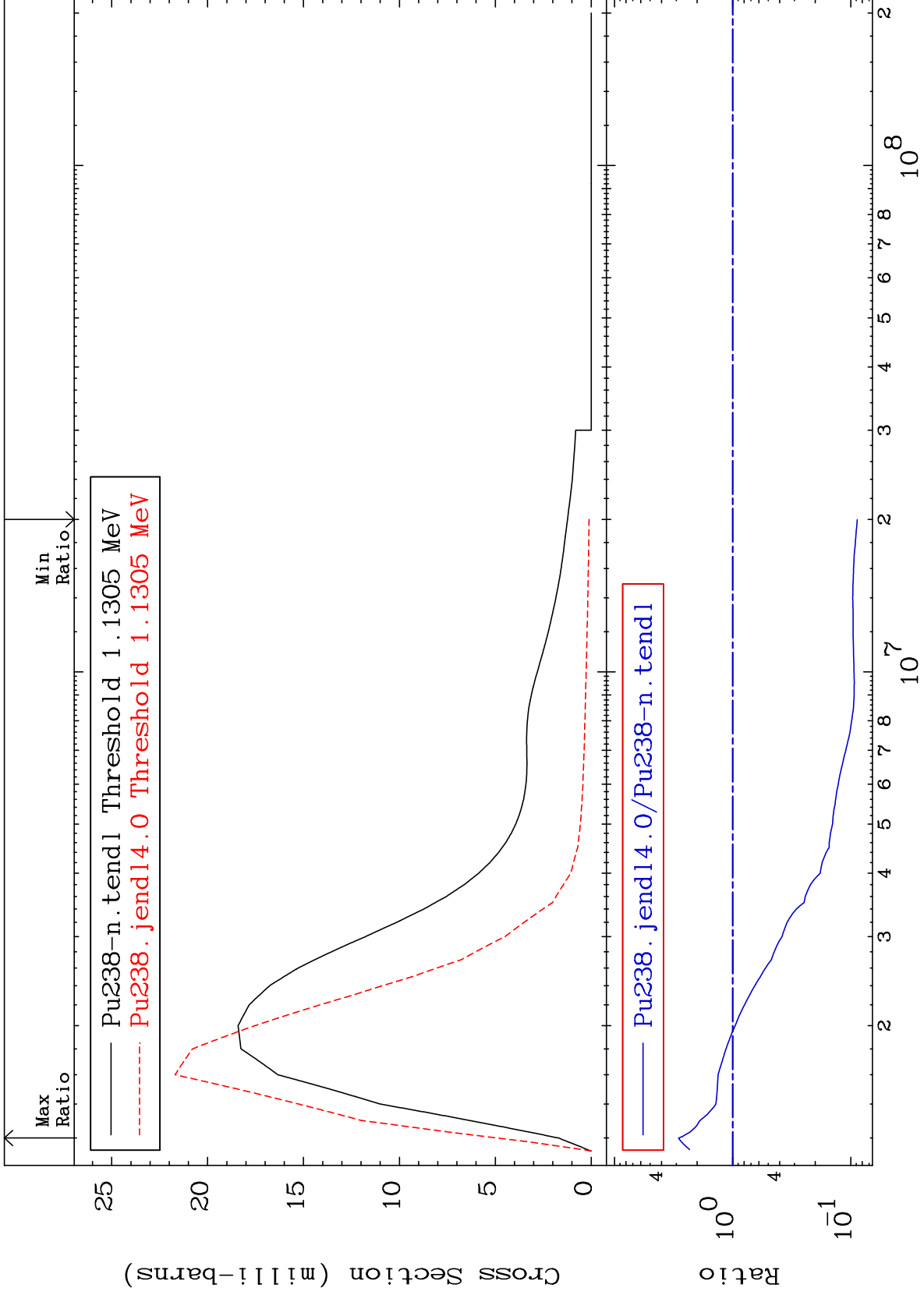
94-Pu-238
40.57 To 9999. %



MAT 9434

1.126 MeV (n,n') Level
Cross Section

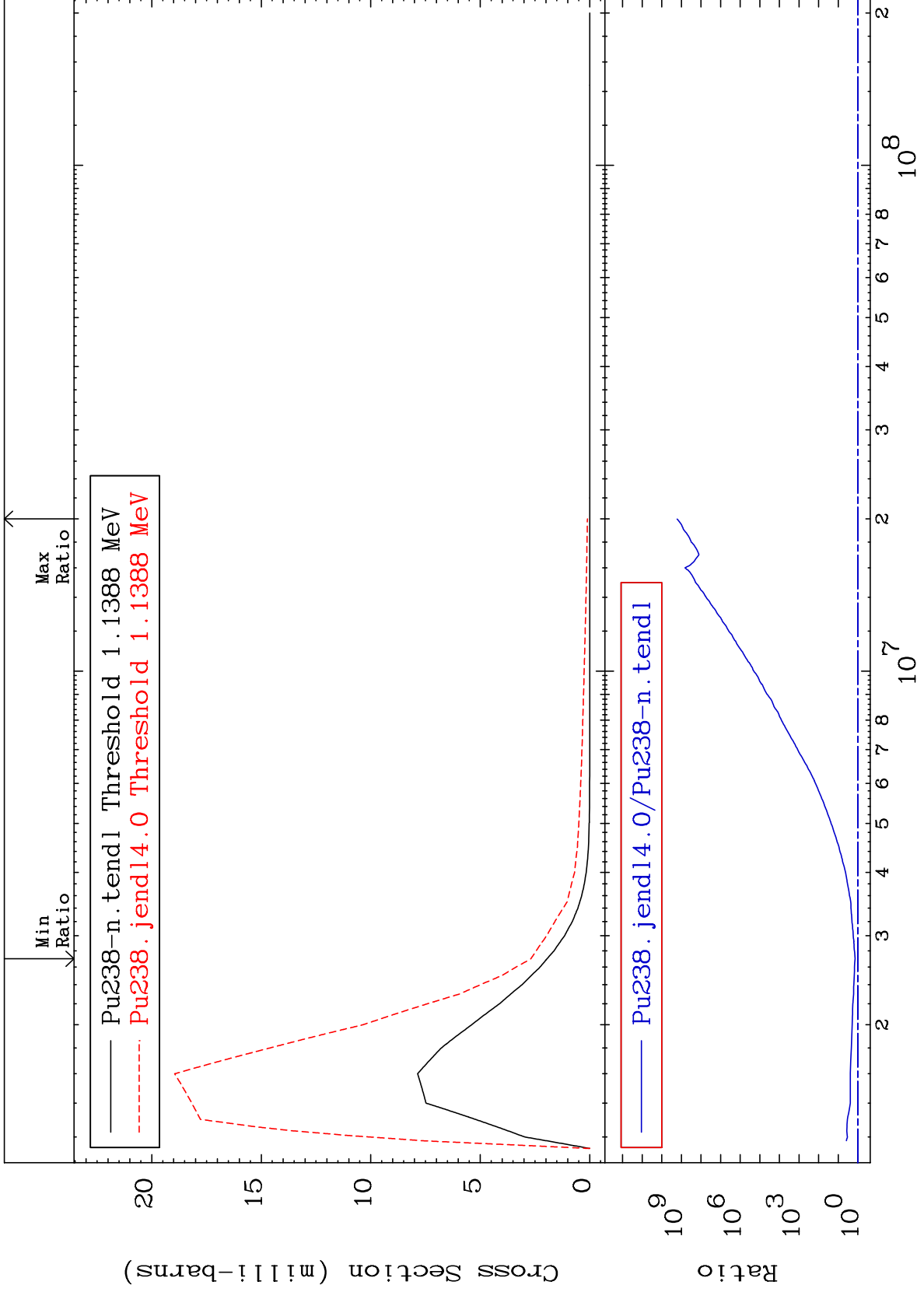
94-Pu-238
-91.18 To 186.4 %



MAT 9434

1.134 MeV (n,n') Level
Cross Section

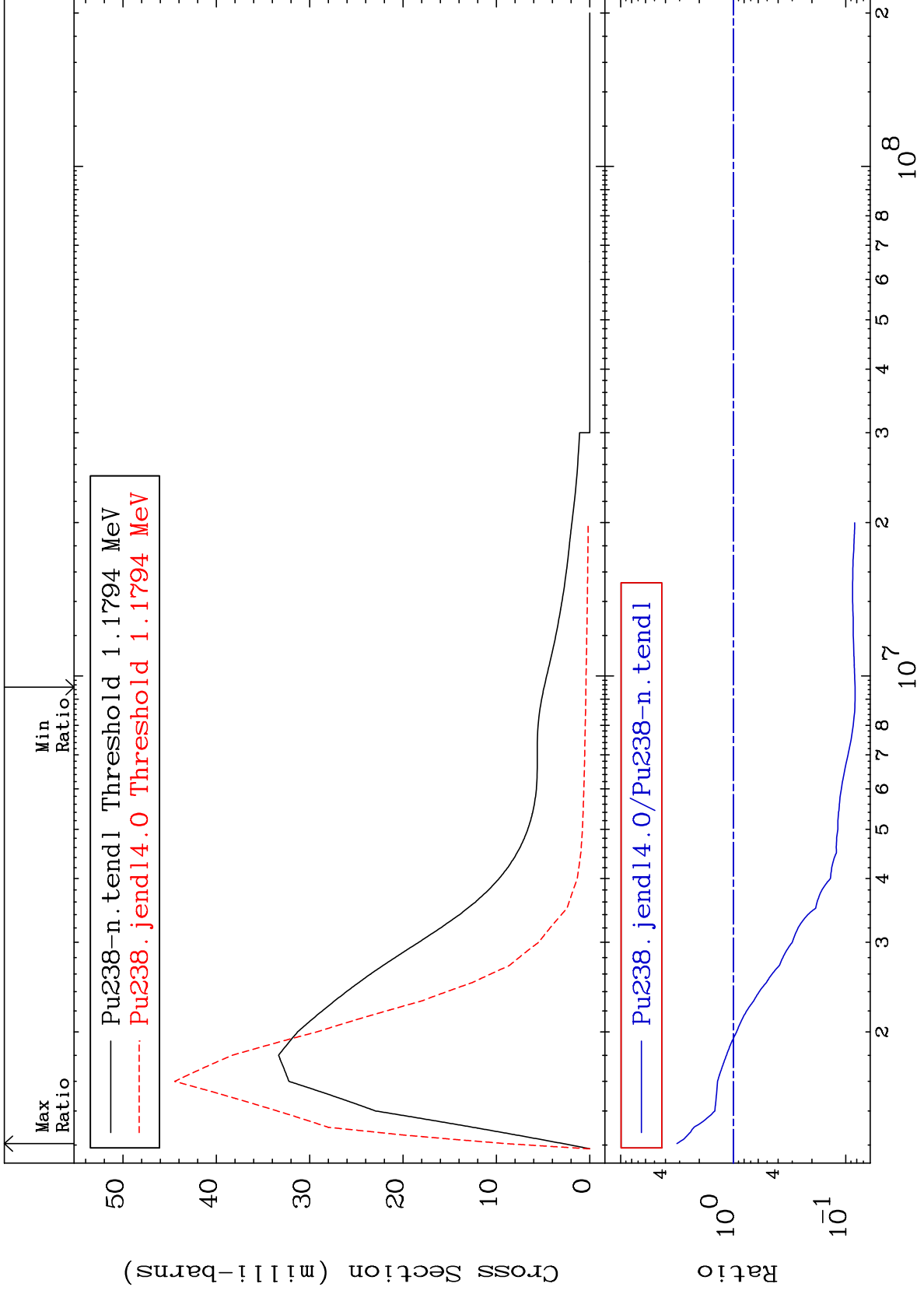
94-Pu-238
37.87 To 9999. %



MAT 9434

1.174 MeV (n,n') Level
Cross Section

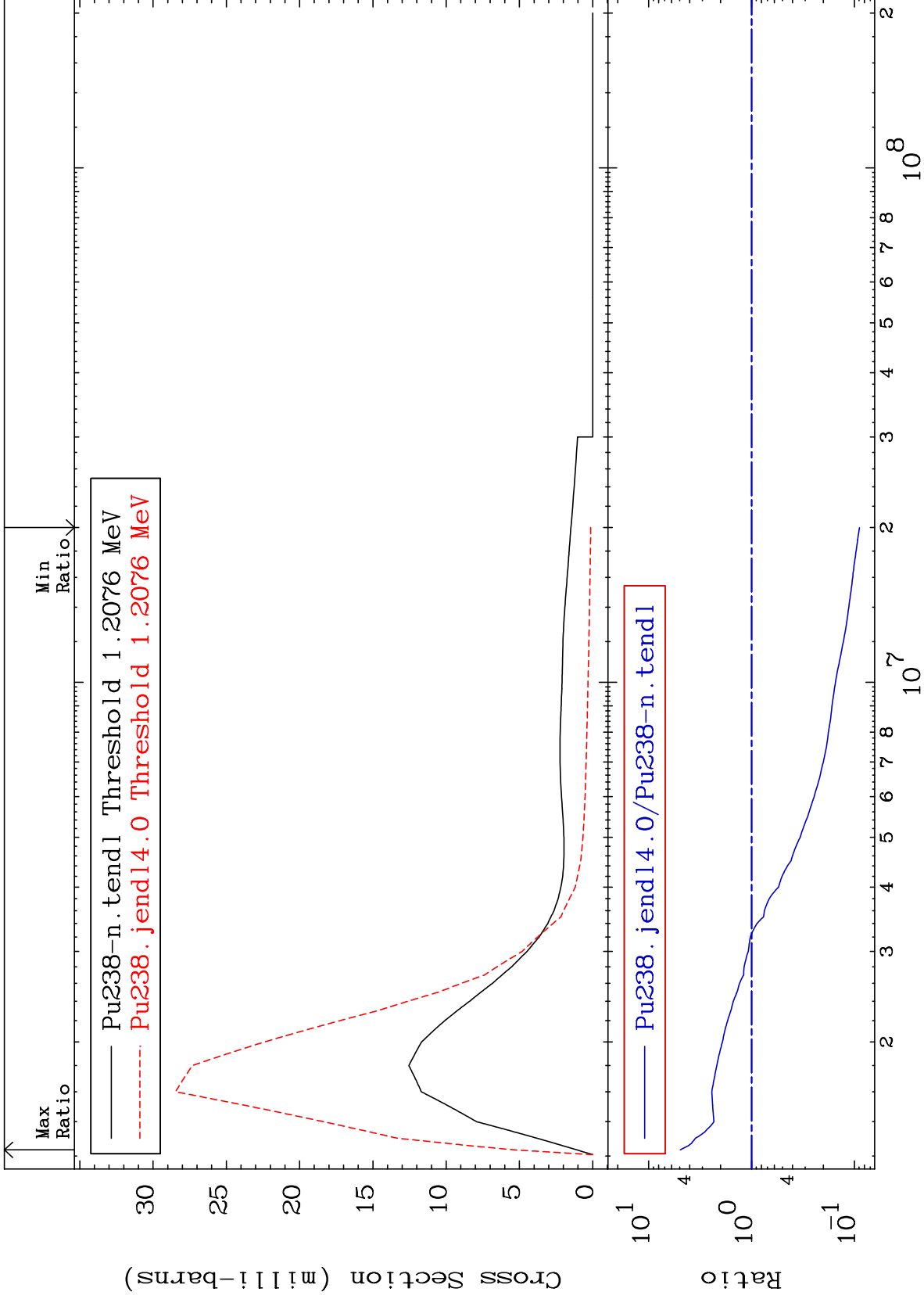
94-Pu-238
-91.72 To 216.4 %



MAT 9434

1.202 MeV (n,n') Level
Cross Section

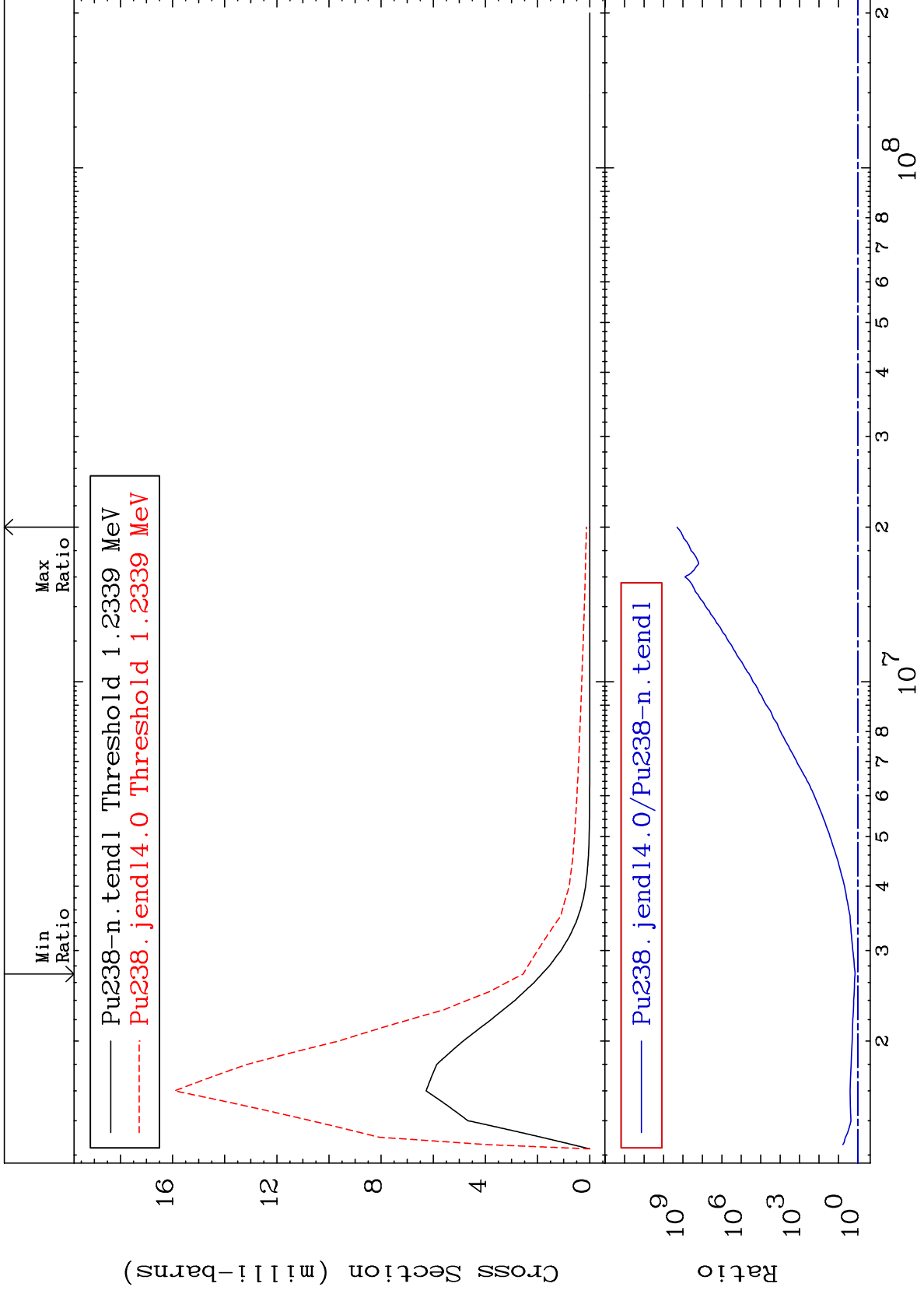
94-Pu-238
-91.07 To 391.9 %



MAT 9434

1.229 MeV (n,n') Level
Cross Section

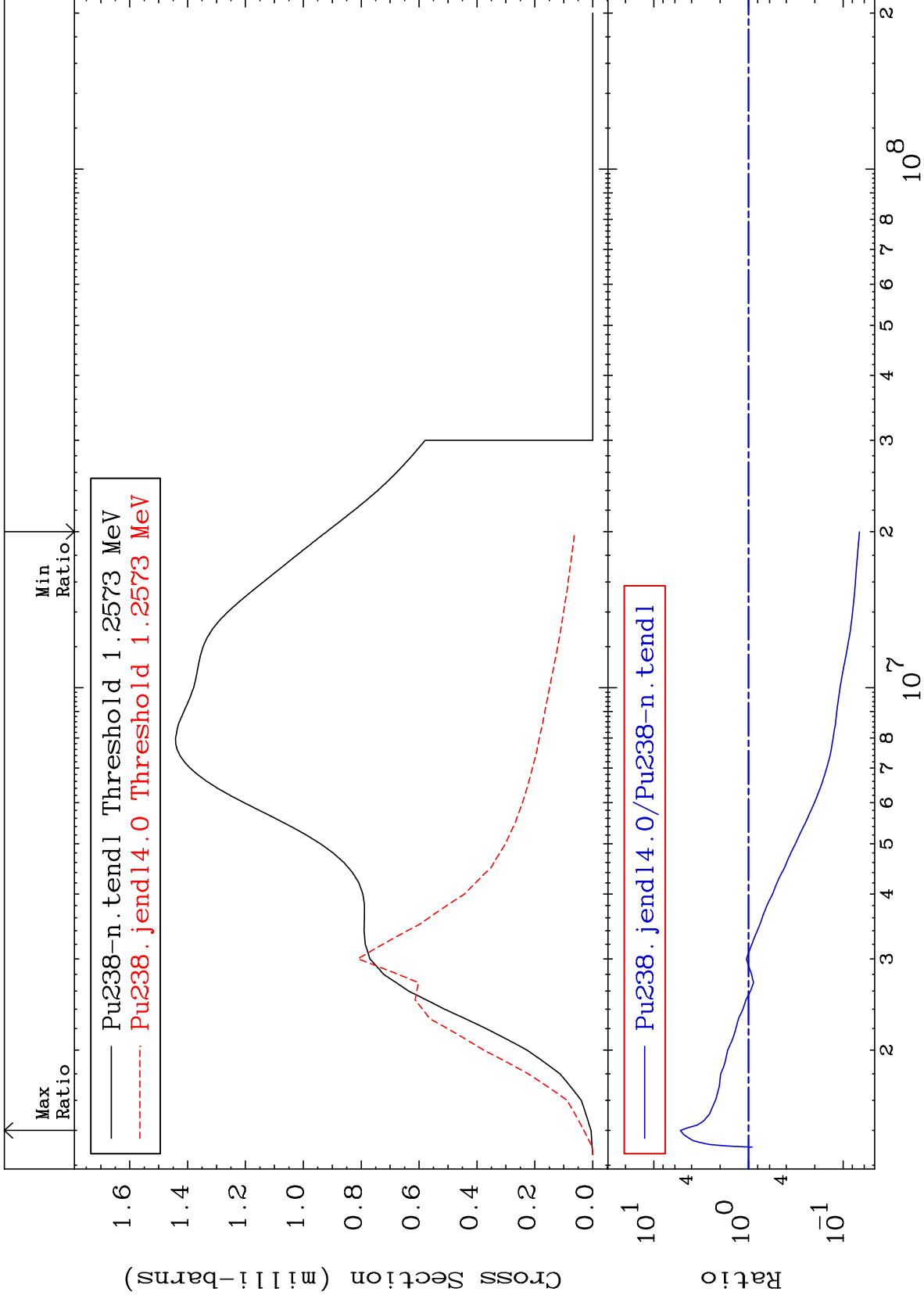
94-Pu-238
39.00 To 9999. %

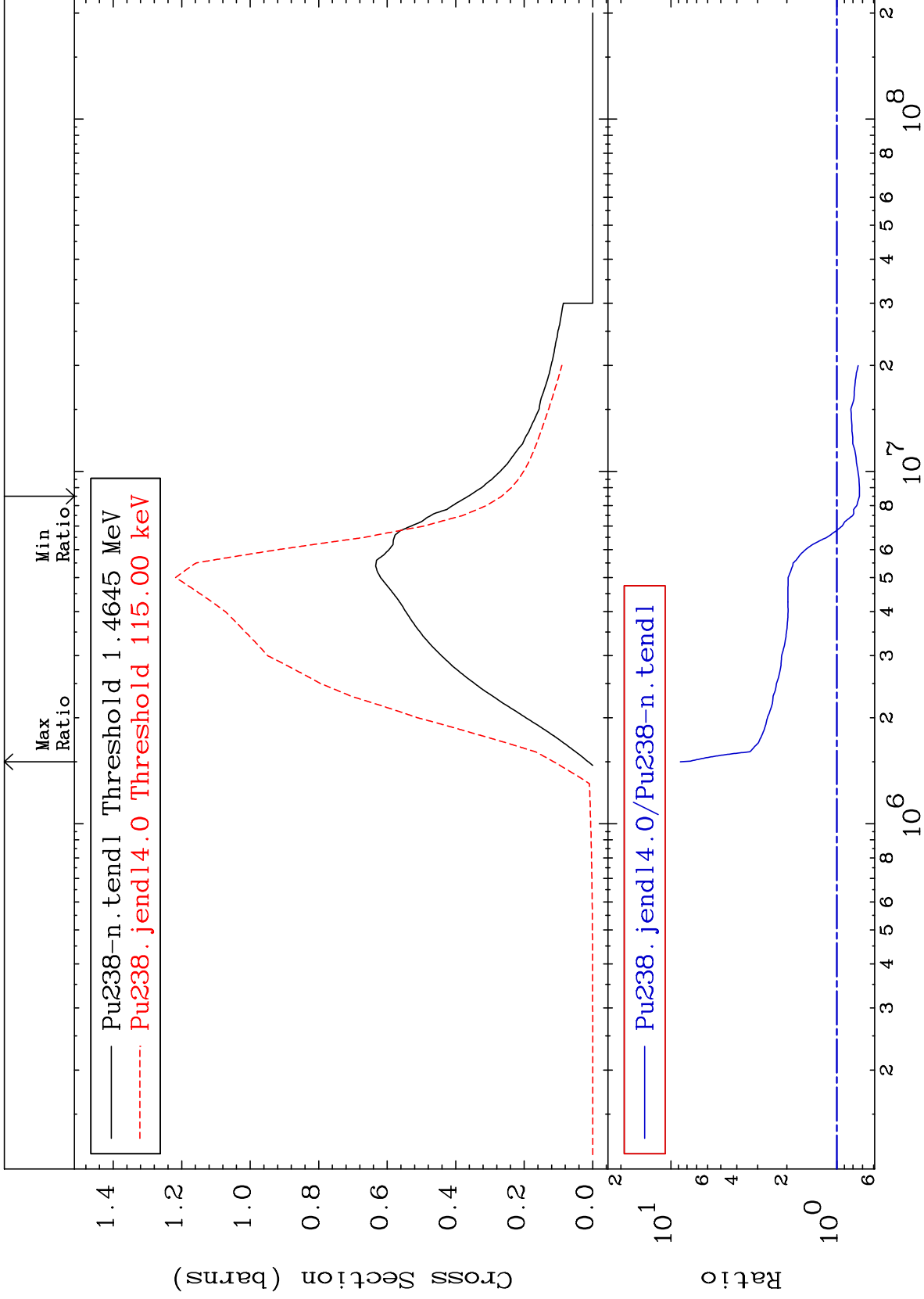


MAT 9434

1.252 MeV (n,n') Level
Cross Section

94-Pu-238
-93.25 To 425.4 %

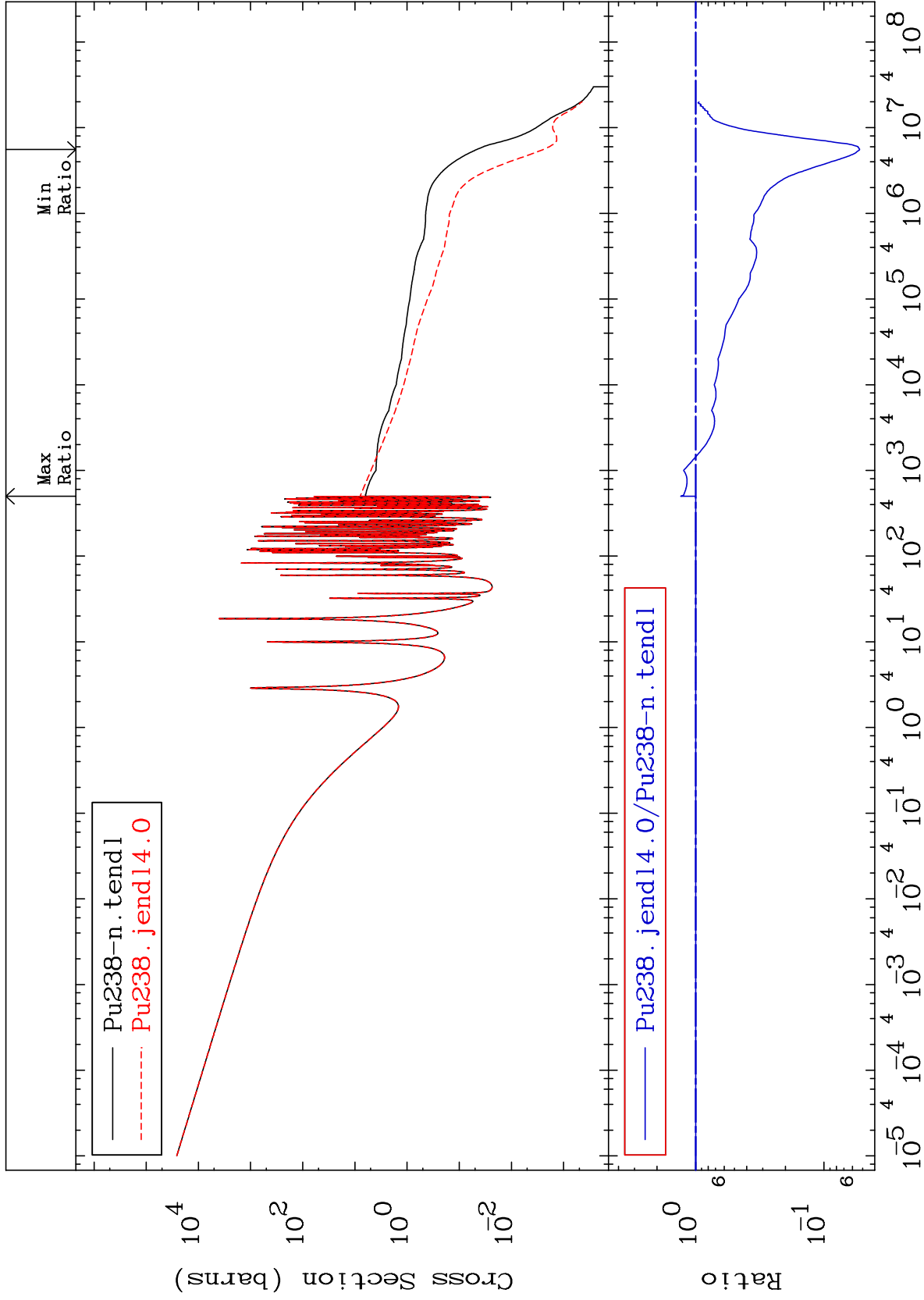




MAT 9434

(n, γ)
Cross Section

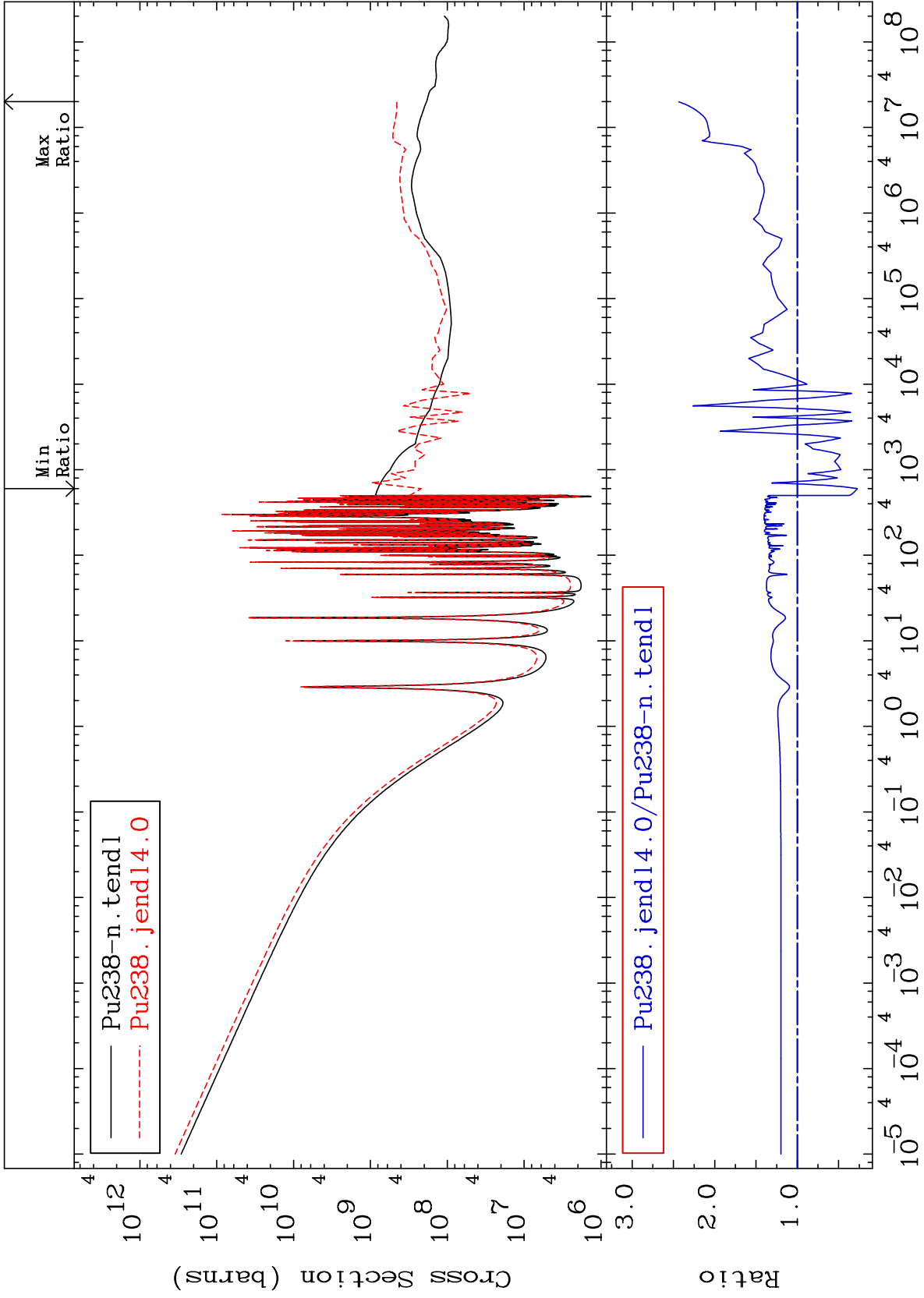
94-Pu-238
-94.71 To 30.75 %



MAT 9434

Kerma total (eV-barns)
Cross Section

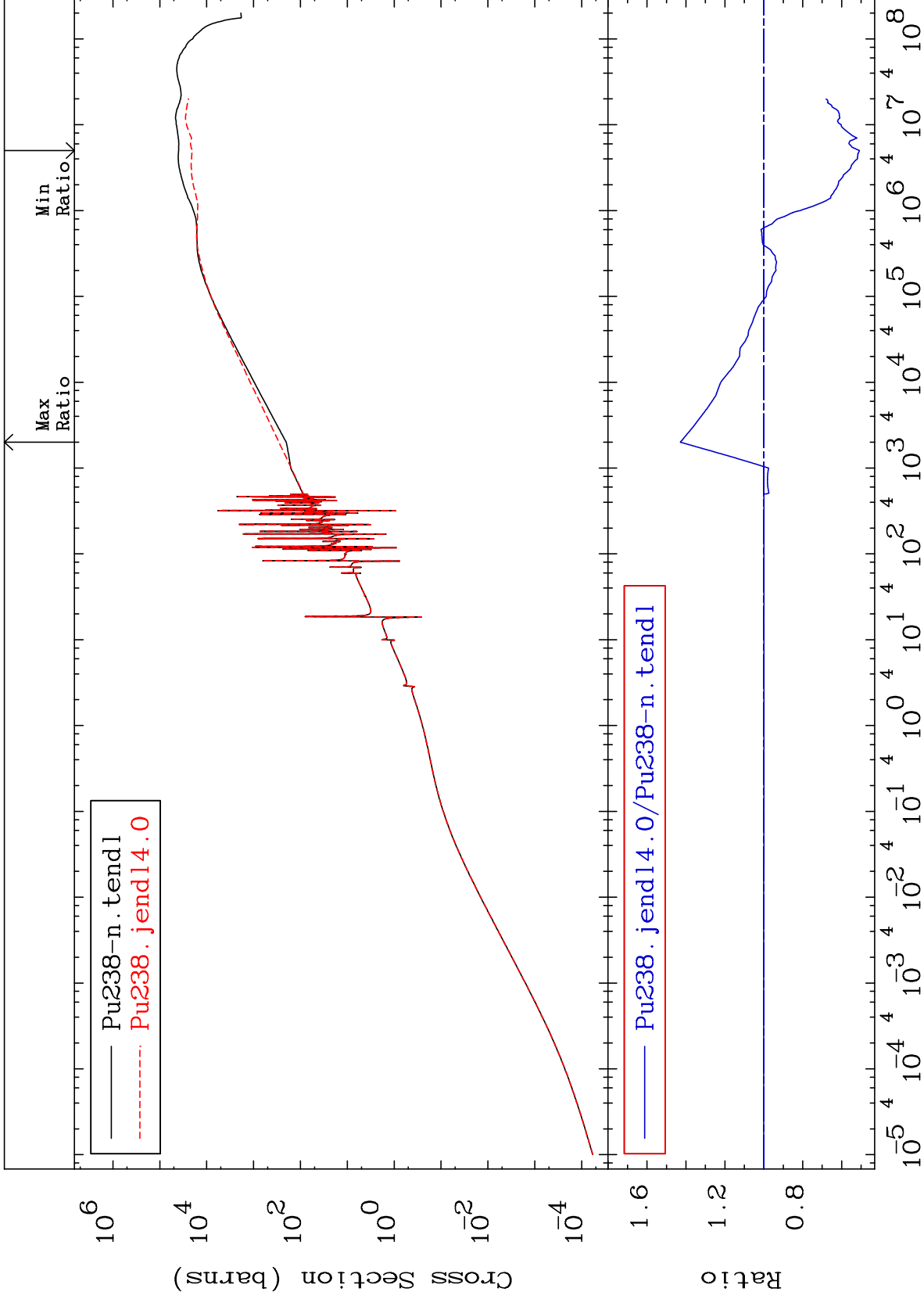
94-Pu-238
-72.60 To 143.8 %



MAT 9434

Kerma elastic
Cross Section

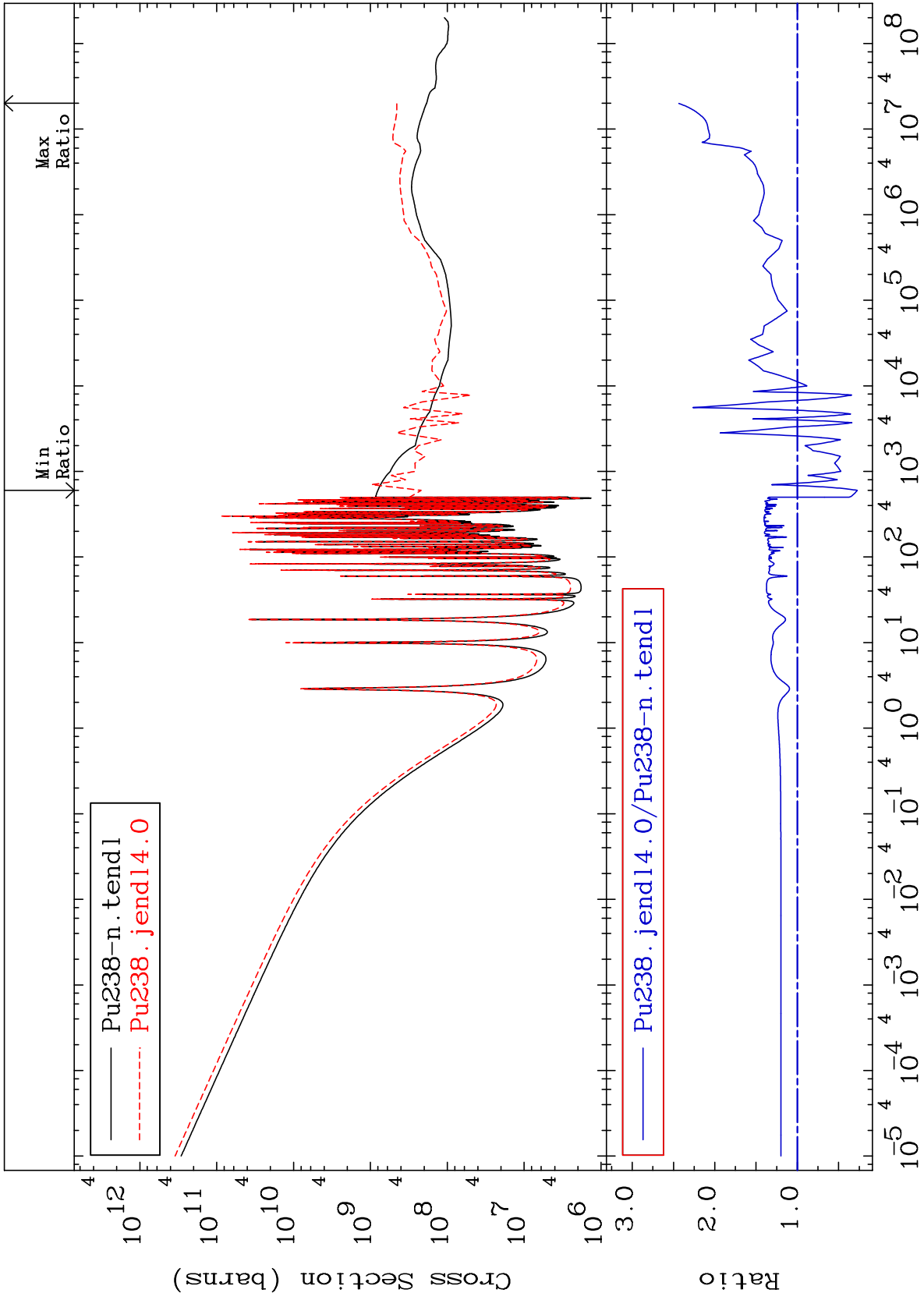
94-Pu-238
-49.14 To 42.85 %



MAT 9434

Kerma non-elastic (all but mt2)
Cross Section

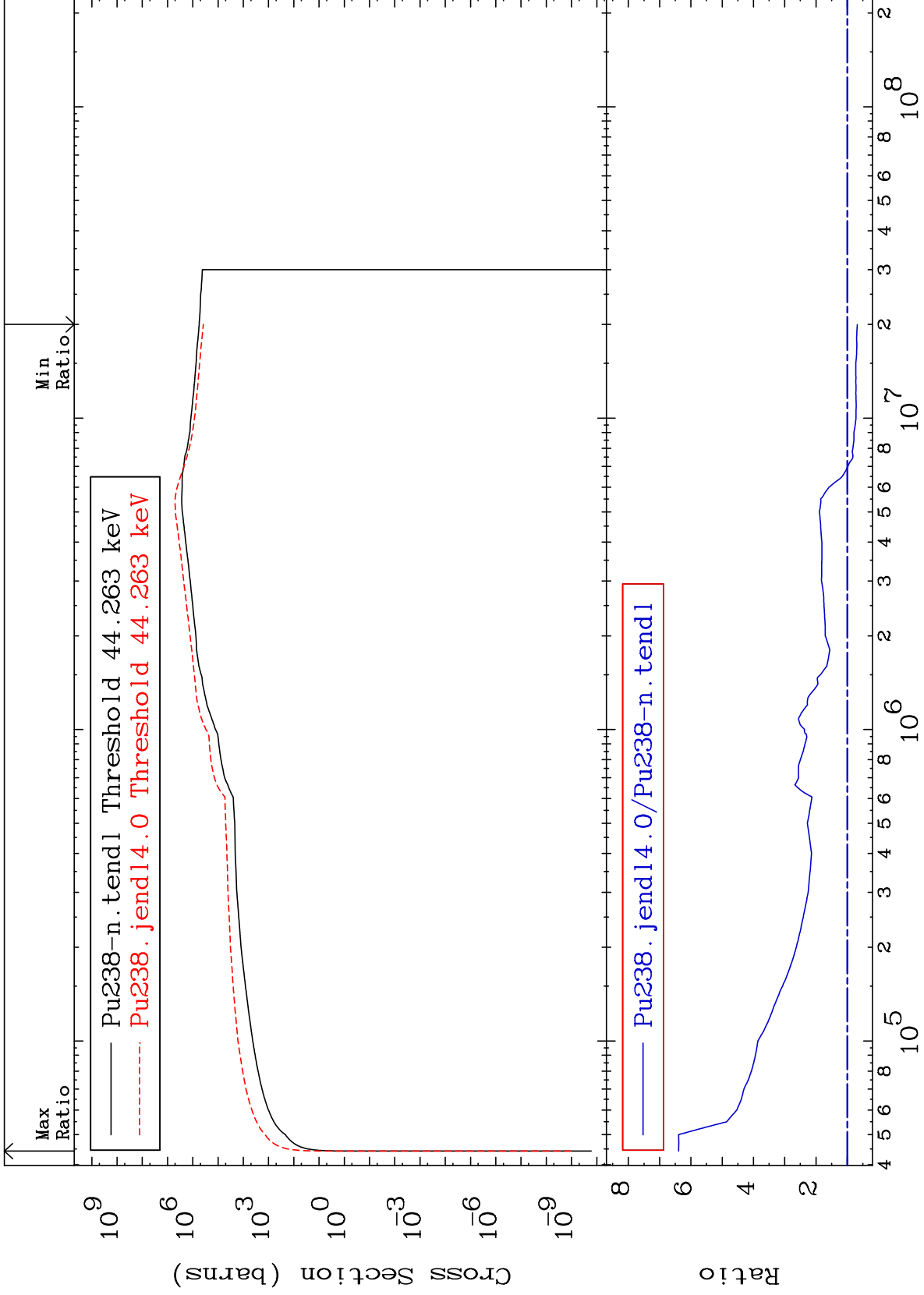
94-Pu-238
-72.60 To 143.8 %



MAT 9434

Kerma inelastic (mt51-91)
Cross Section

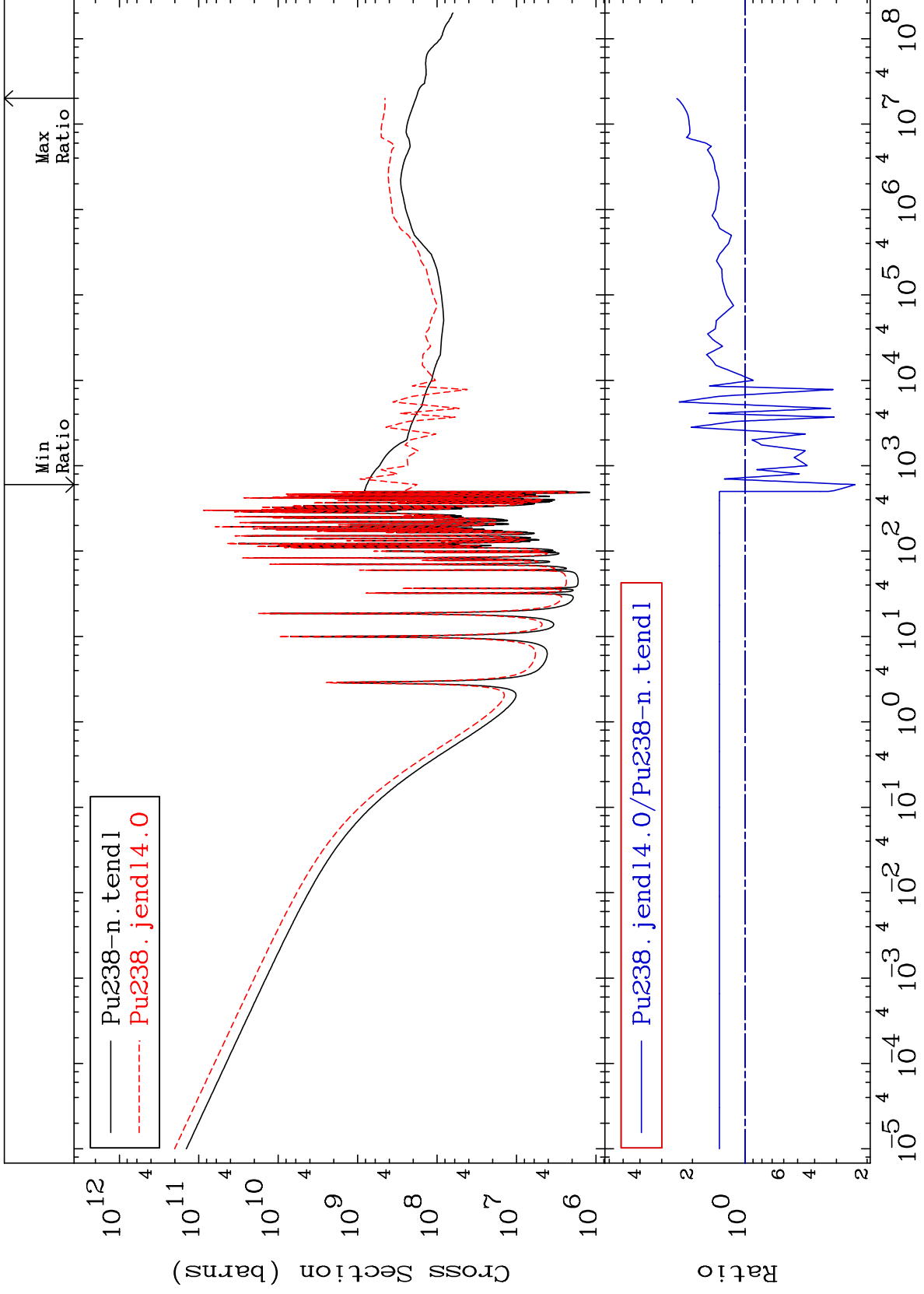
94-Pu-238
-31.94 To 539.2 %



MAT 9434

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

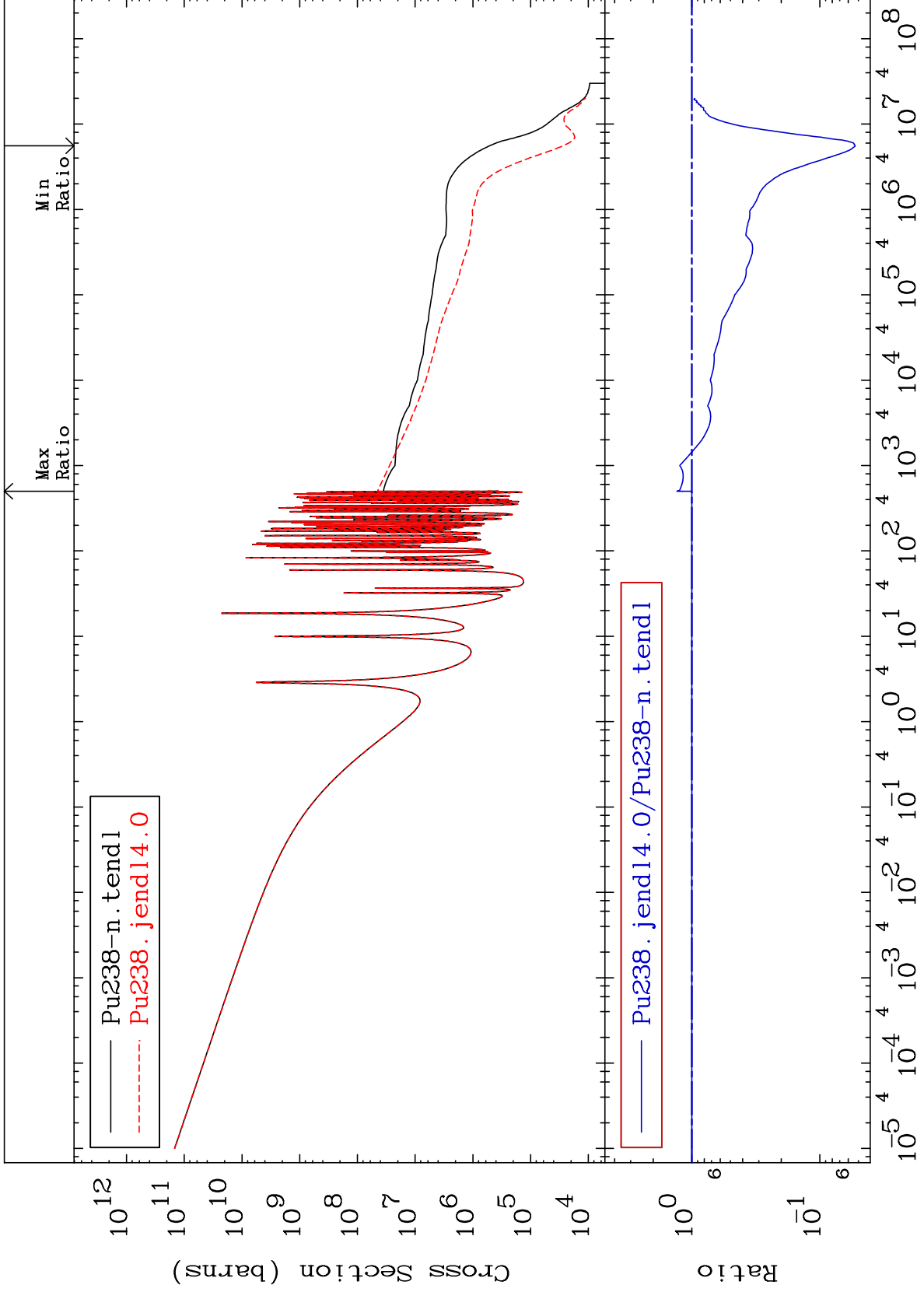
94-Pu-238
-76.58 To 145.7 %



MAT 9434

Kerma capture (mt102)
Cross Section

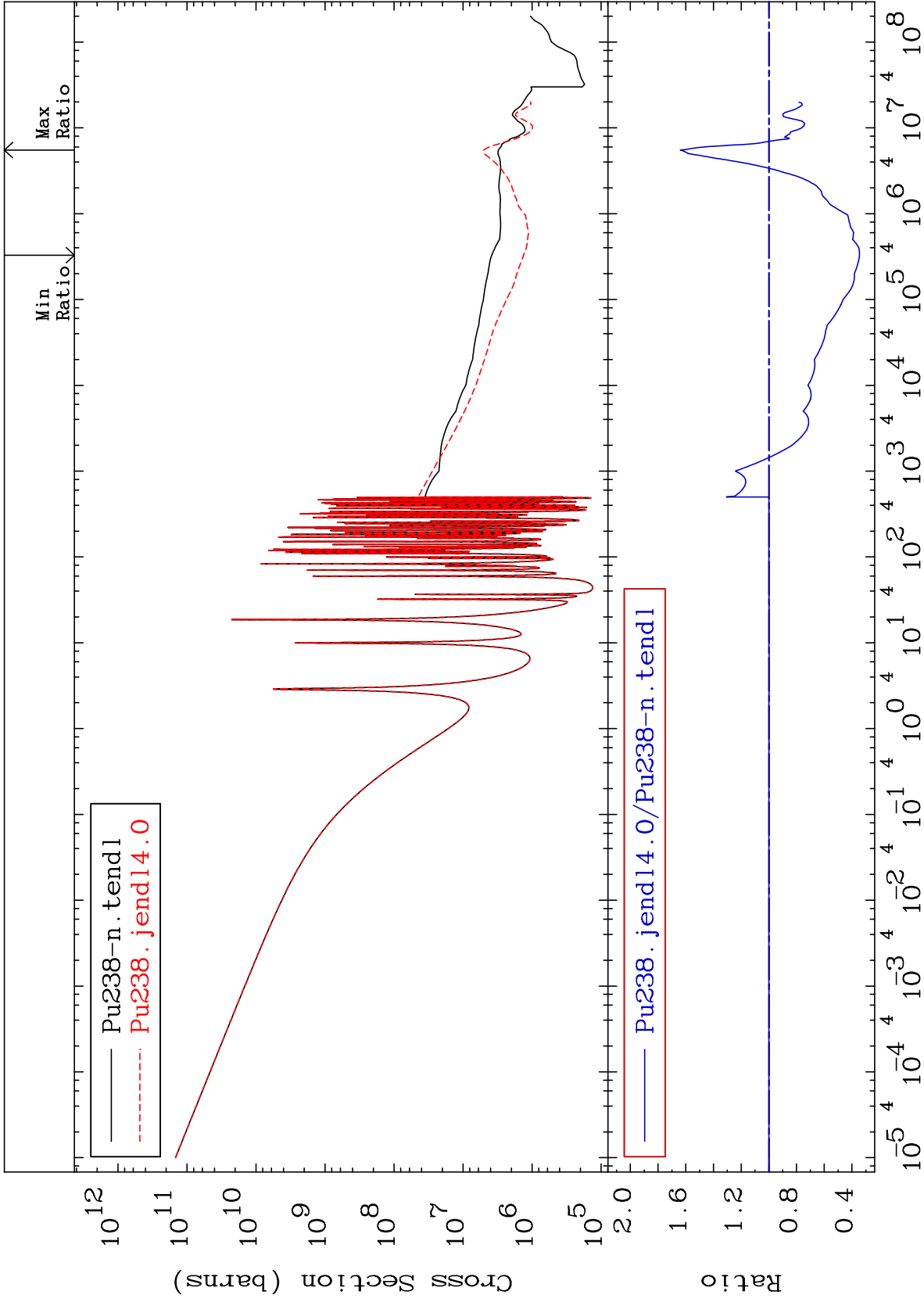
94-Pu-238
-94.70 To 30.63 %



MAT 9434

Total photon (eV-barns)
Cross Section

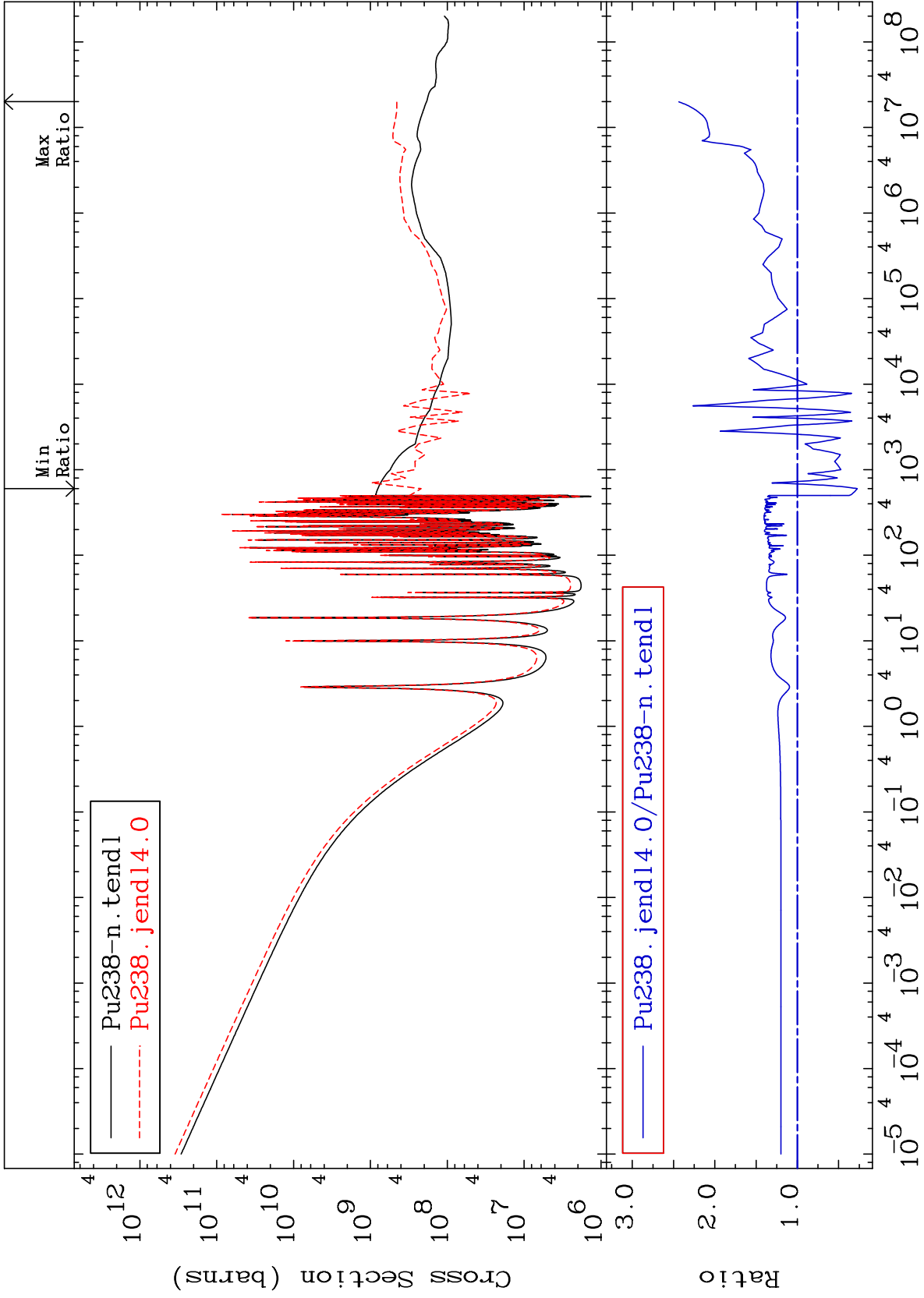
94-Pu-238
-65.40 To 63.90 %



MAT 9434

Total kinematic kerma (high limit)
Cross Section

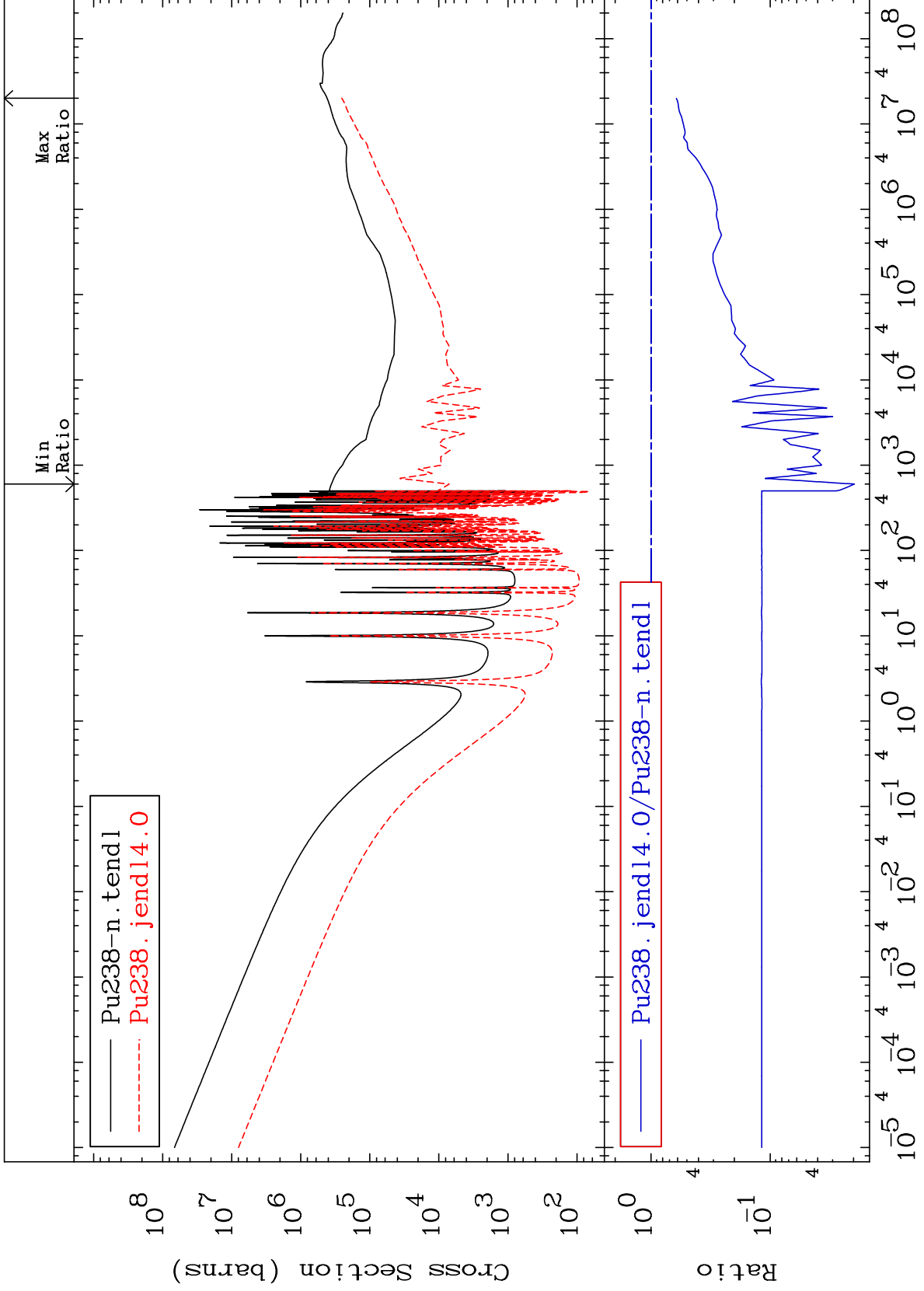
94-Pu-238
-72.60 To 143.9 %



MAT 9434

Dpa total (eV-barns)
Cross Section

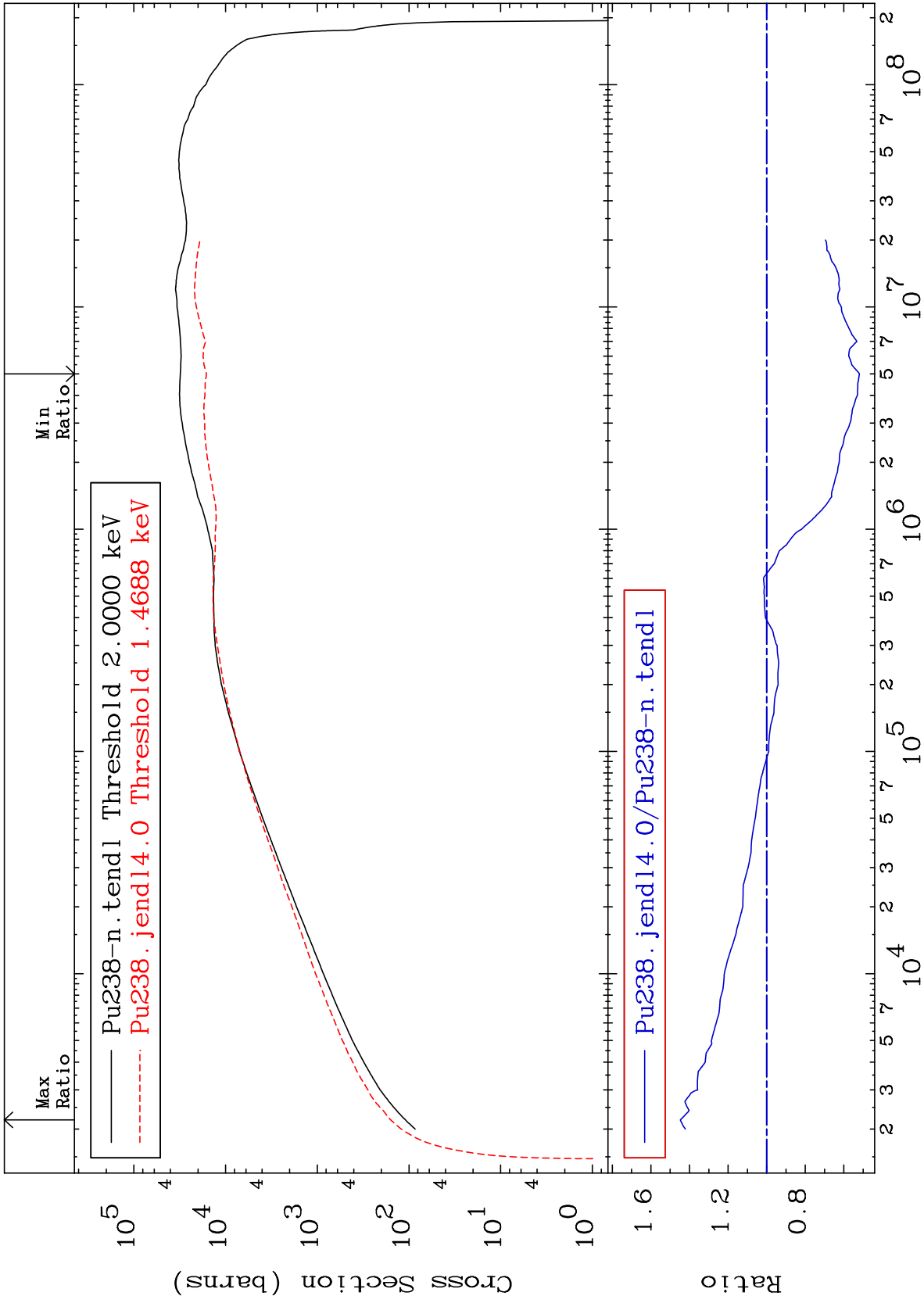
94-Pu-238
-98.03 To -38.64%



MAT 9434

Dpa elastic (mt2)
Cross Section

94-Pu-238
-48.09 To 44.73 %



MAT 9434

Dpa inelastic (mt51-91)
Cross Section

94-Pu-238
23.98 To 542.9 %

