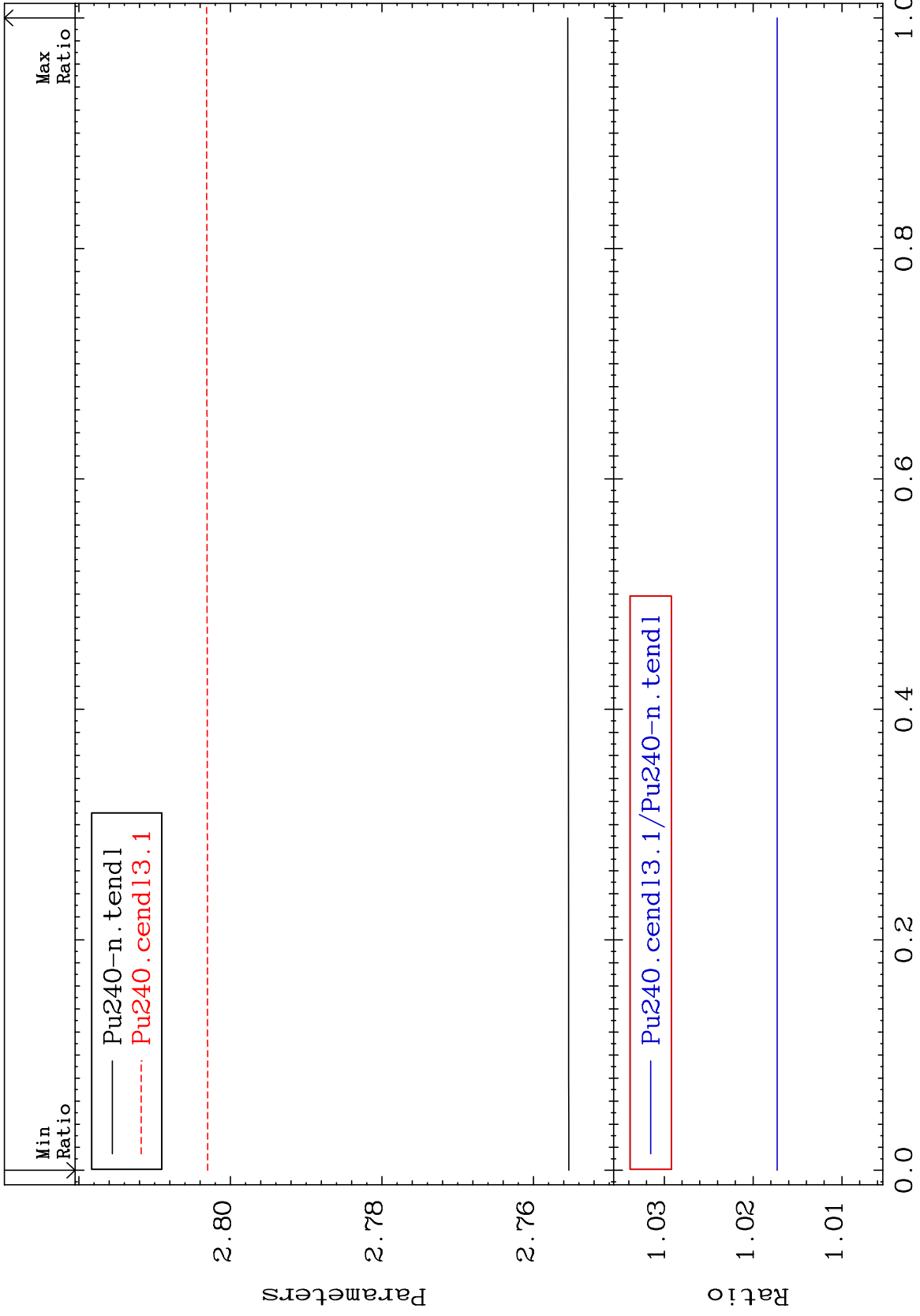


MAT 9440

Total $\bar{\nu}$
Parameters

94-Pu-240
1.730 To 1.730 %



1

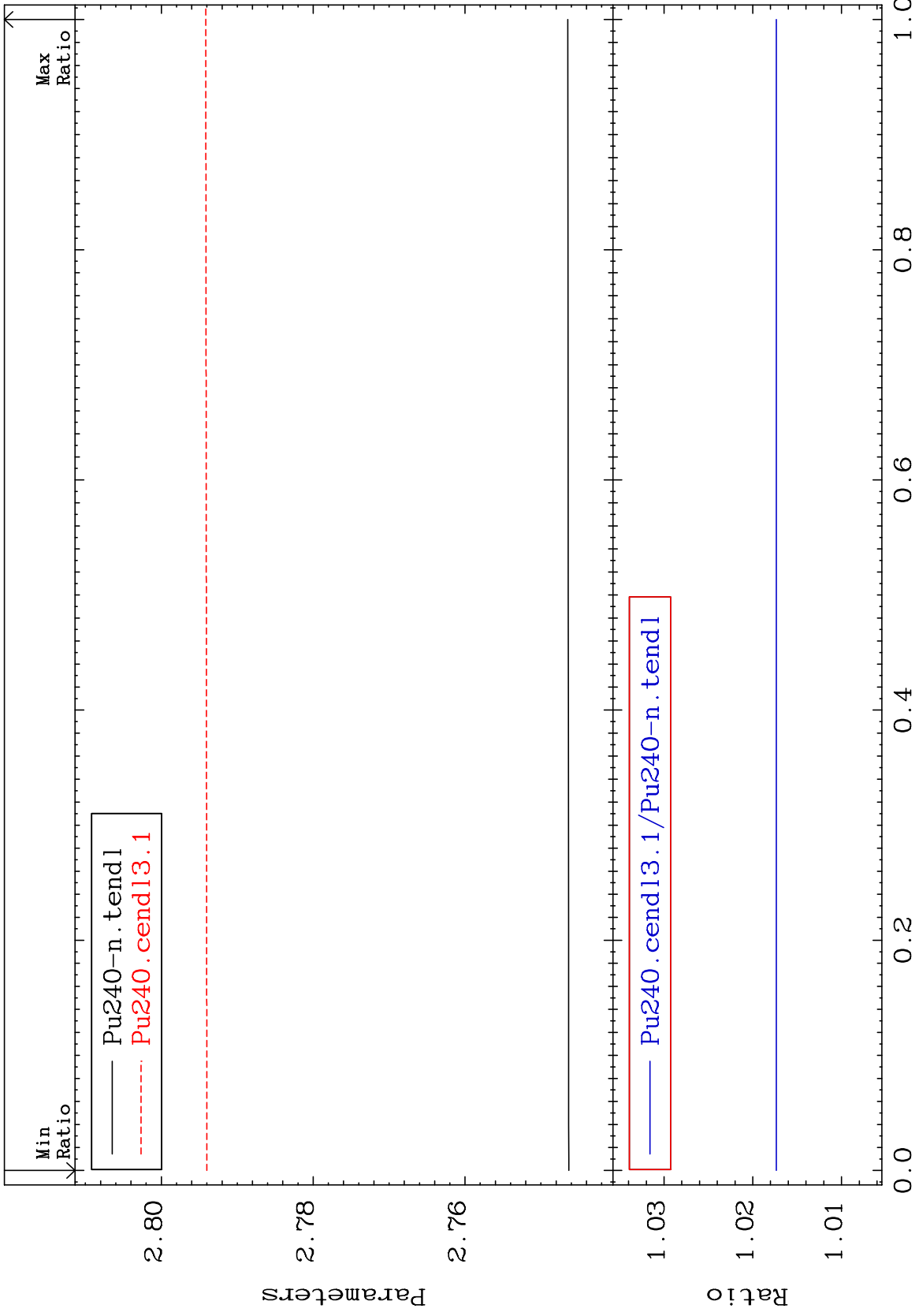
Incident Energy (KeV)

94-Pu-240

MAT 9440

Prompt $\bar{\nu}$
Parameters

94-Pu-240
1.735 To 1.736 %



2

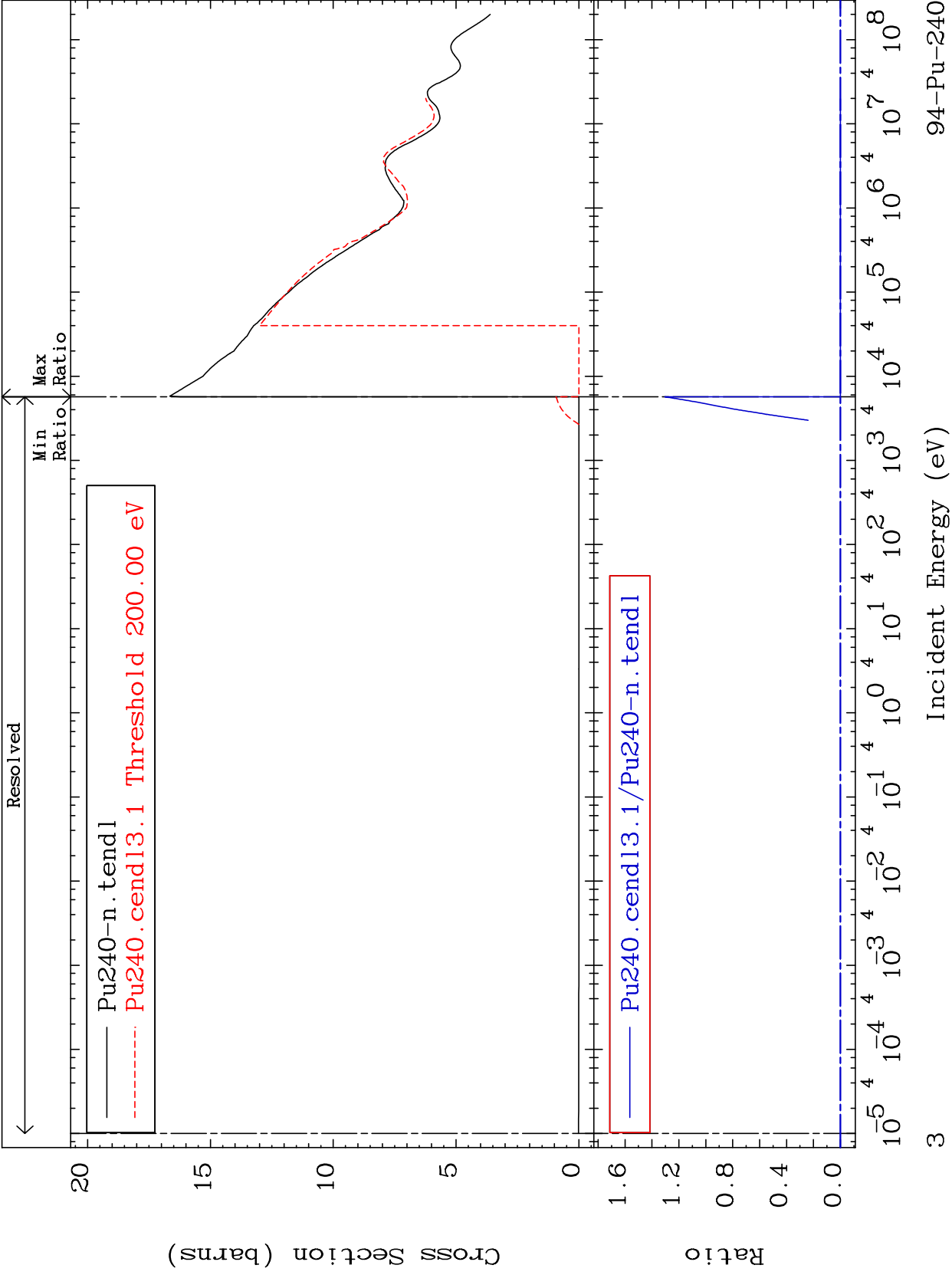
Incident Energy (KeV)

94-Pu-240

MAT 9440

Total
Cross Section

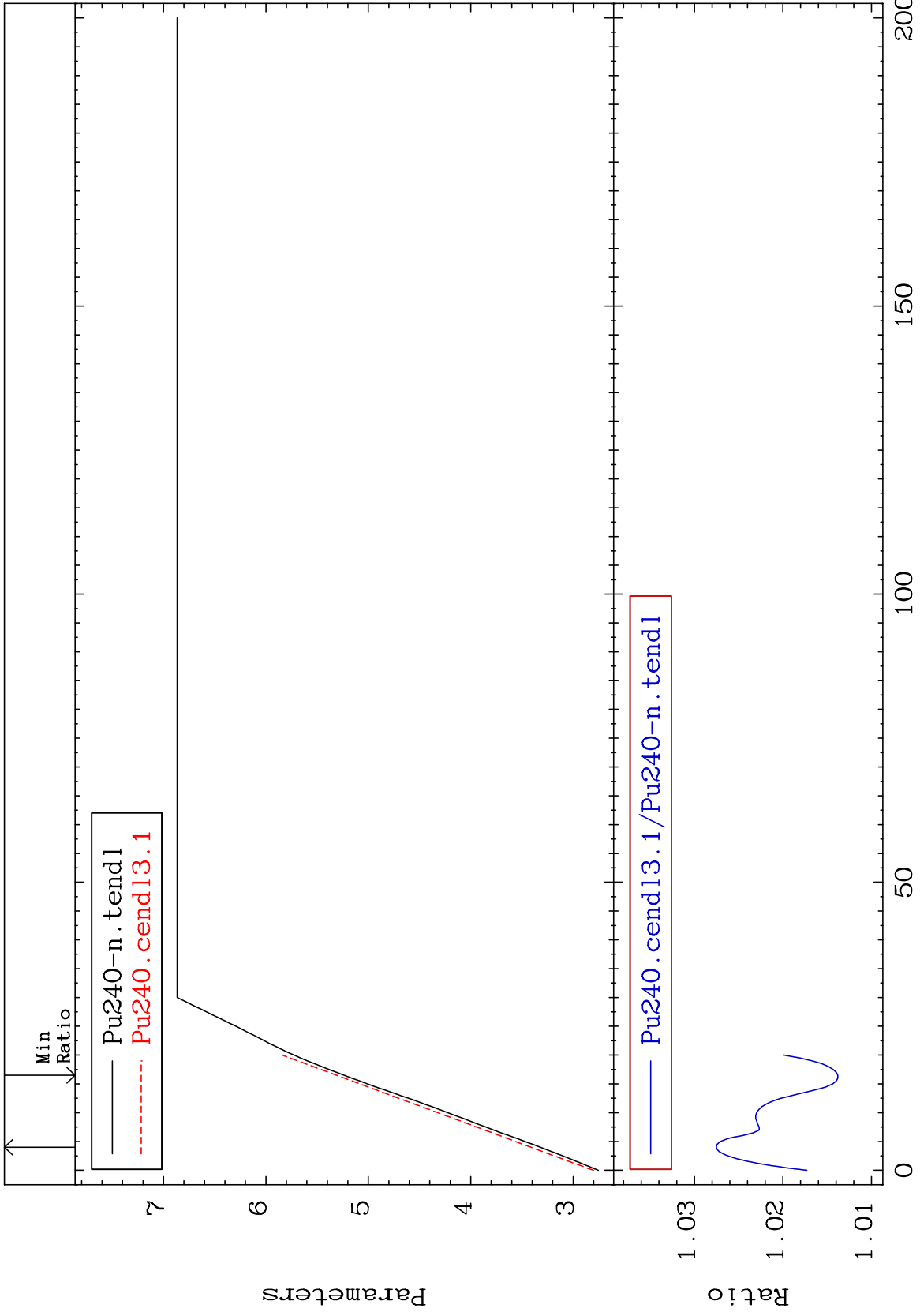
94-Pu-240
-100.0 To 9999. %



MAT 9440

Total $\bar{\nu}$
Parameters

94-Pu-240
To 2.751 %



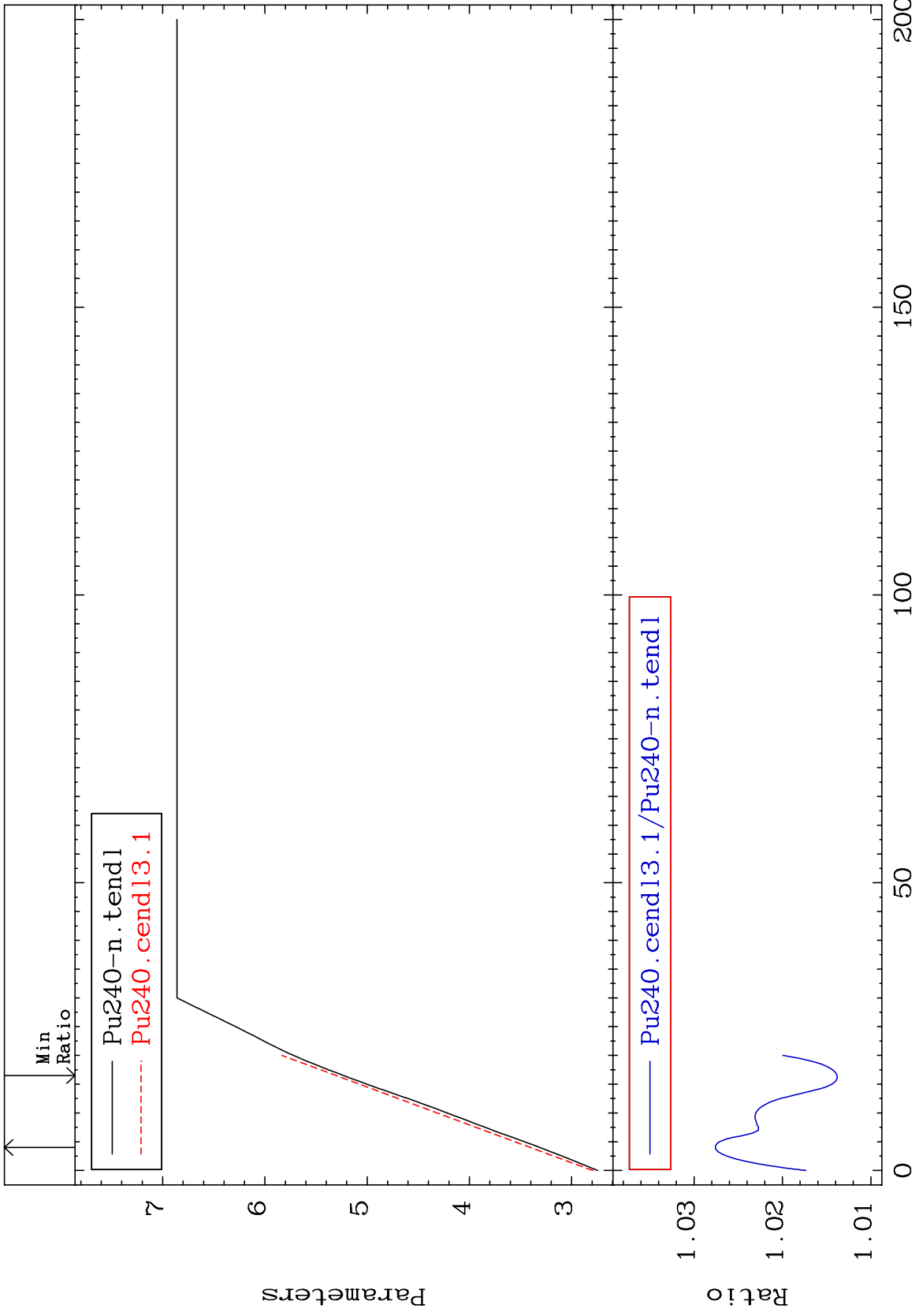
Incident Energy (MeV)

94-Pu-240

MAT 9440

Prompt $\bar{\nu}$
Parameters

94-Pu-240
1.383 To 2.758 %



Incident Energy (MeV)

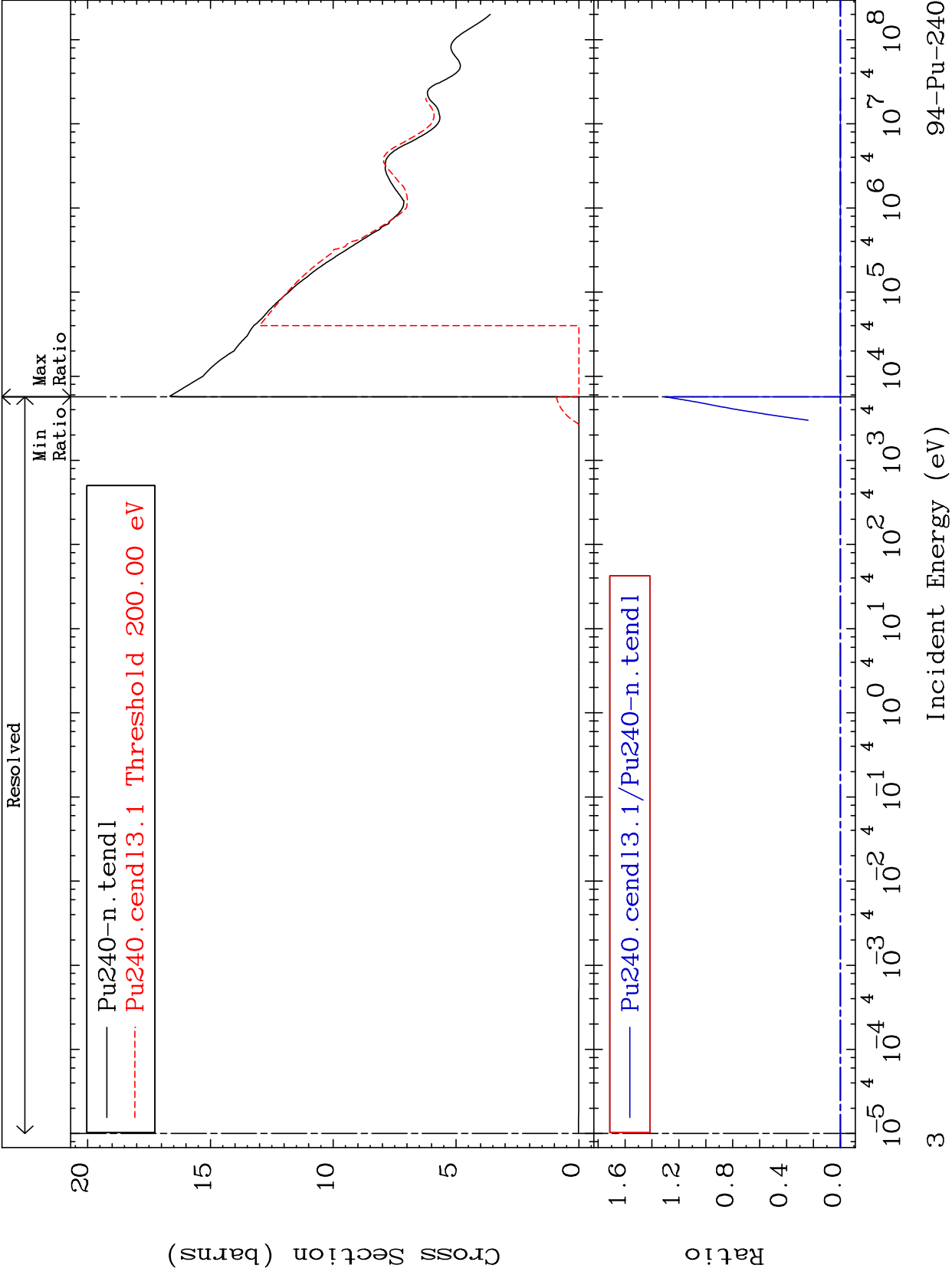
94-Pu-240

2

MAT 9440

Total
Cross Section

94-Pu-240
-100.0 To 9999. %



3

Incident Energy (eV)

94-Pu-240

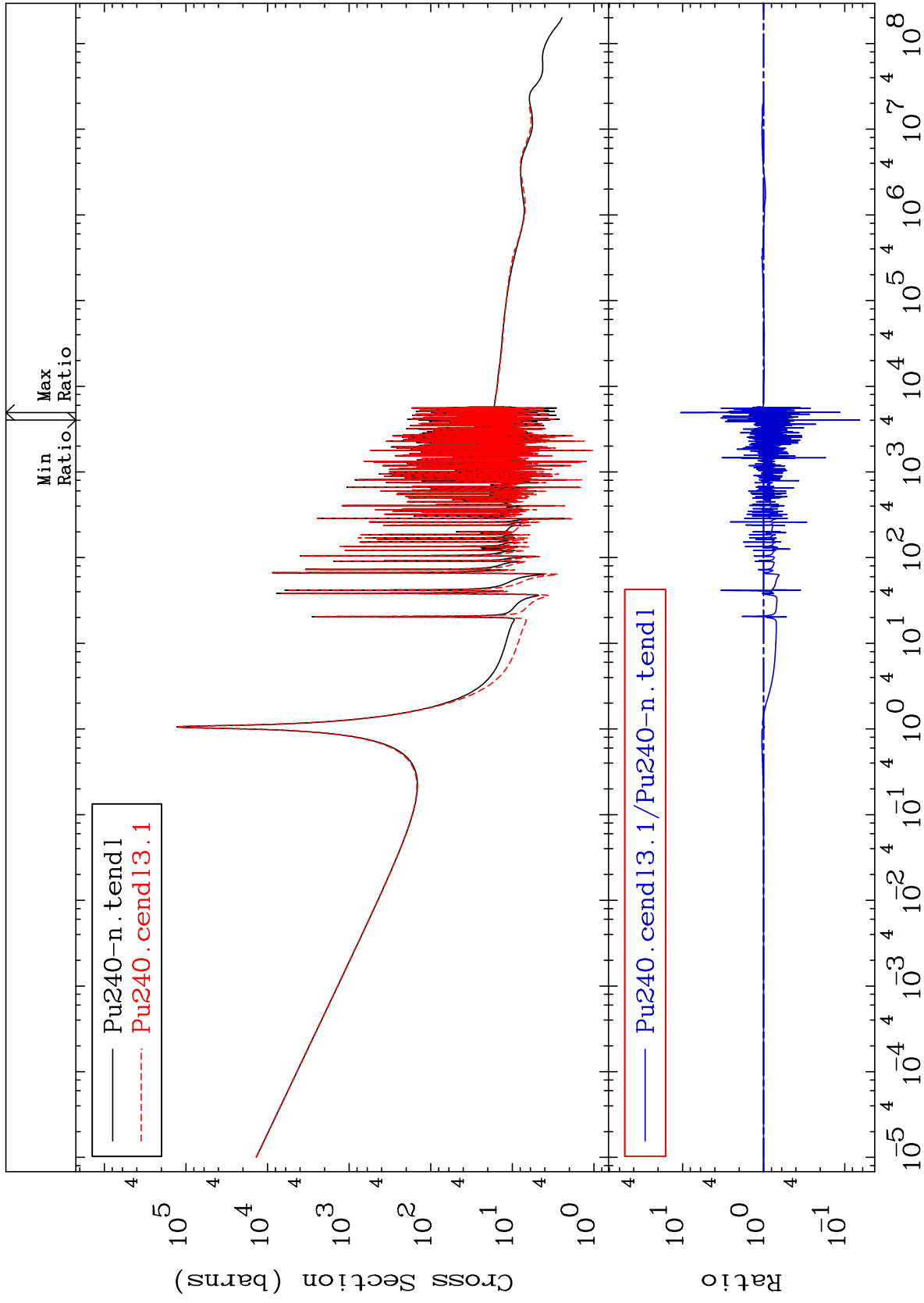
MAT 9440

Total

94-Pu-240

Cross Section

-93.44 To 951.5 %



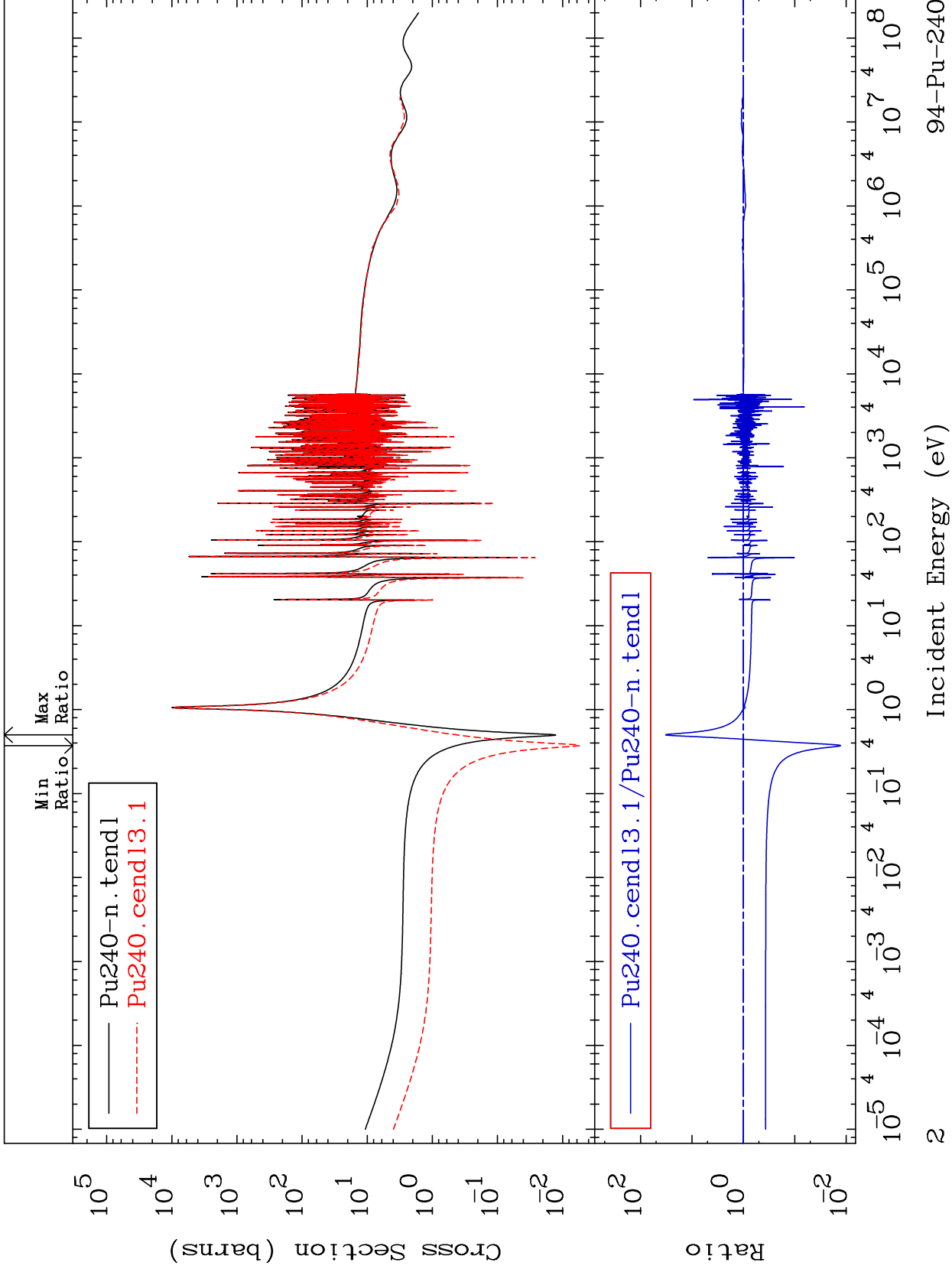
Incident Energy (eV)

94-Pu-240

MAT 9440

Elastic
Cross Section

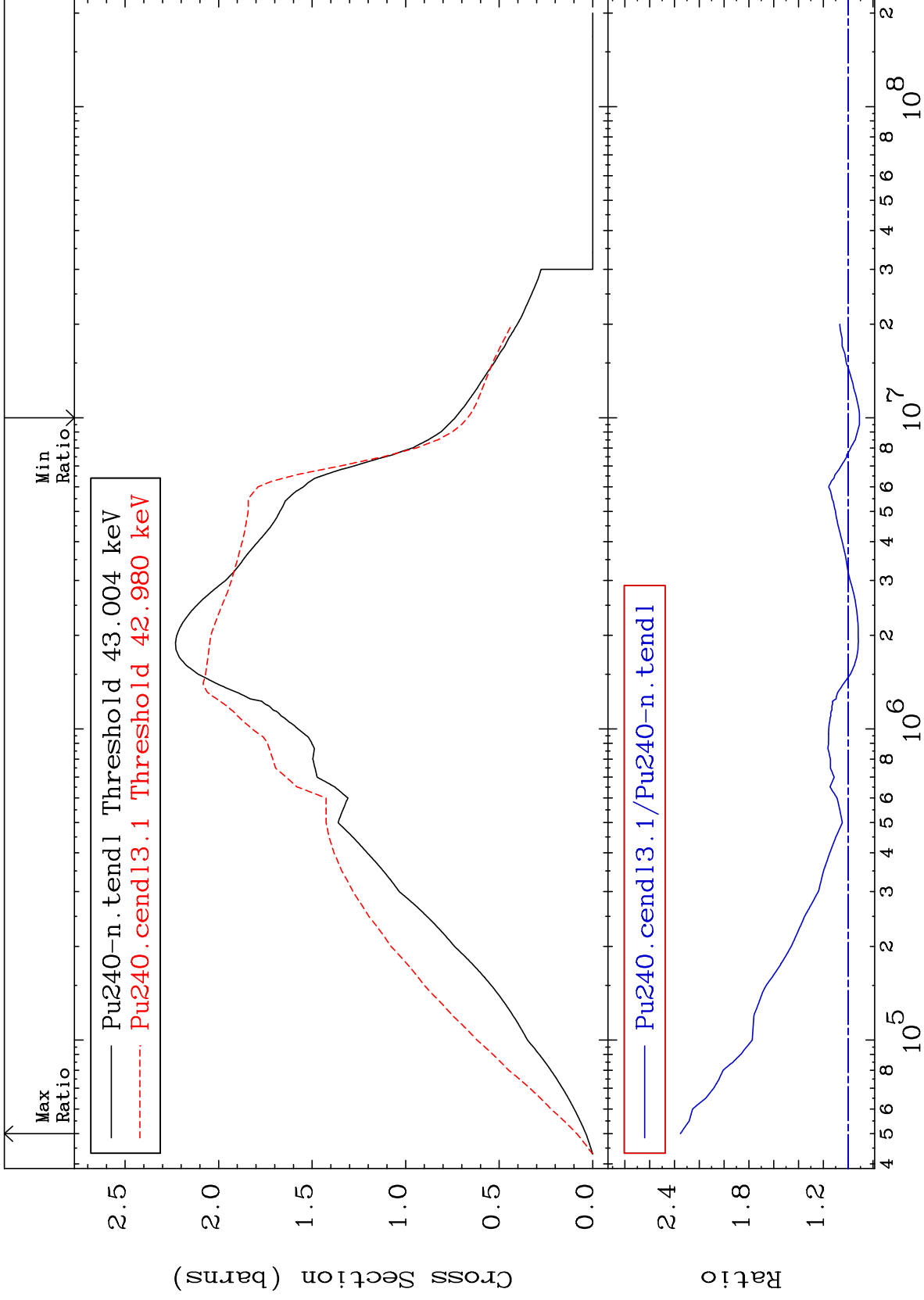
94-Pu-240
-98.72 To 3172. %



MAT 9440

Inelastic
Cross Section

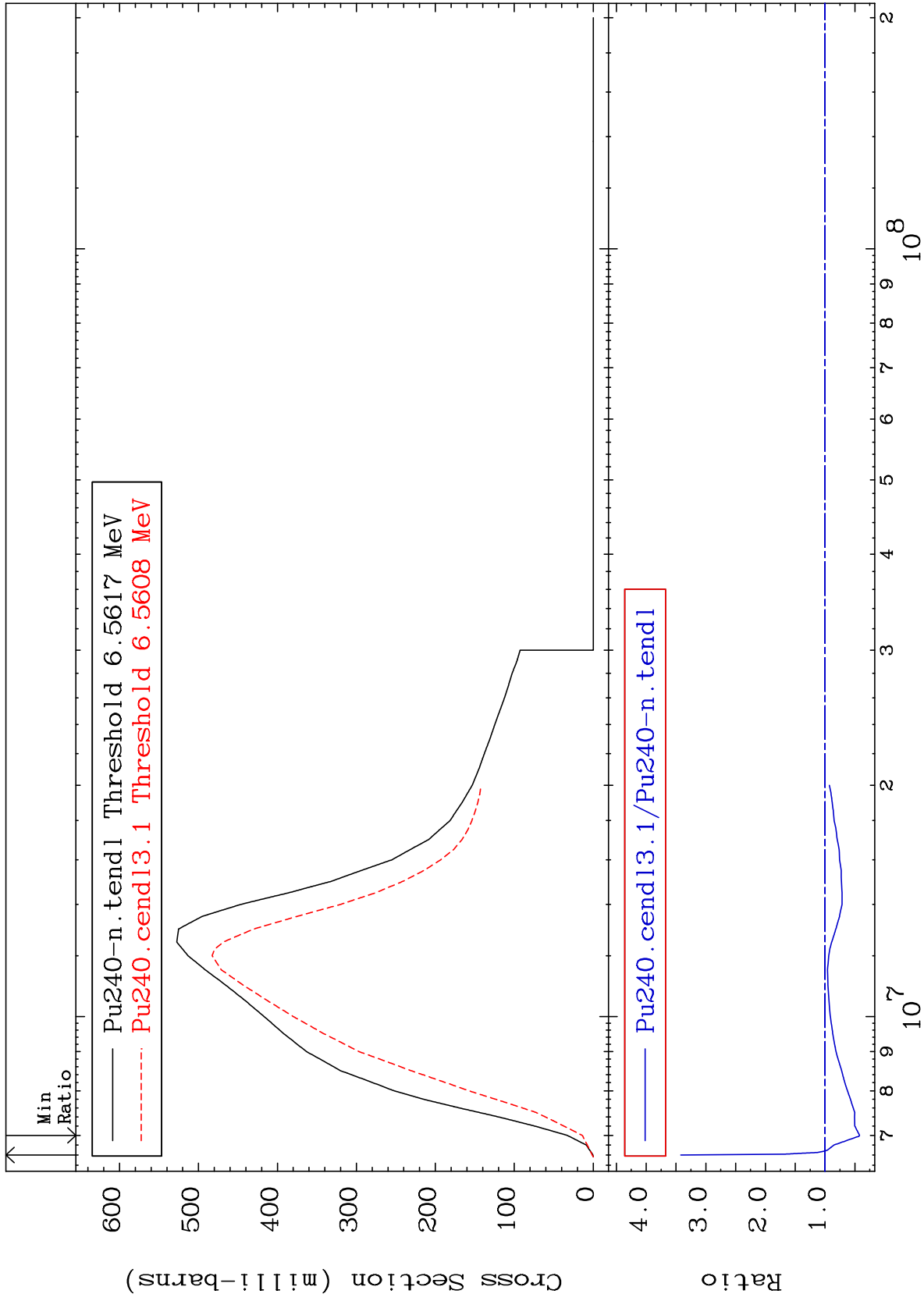
94-Pu-240
-9.151 To 135.3 %



MAT 9440

(n,2n)
Cross Section

94-Pu-240
-57.80 To 242.0 %



4

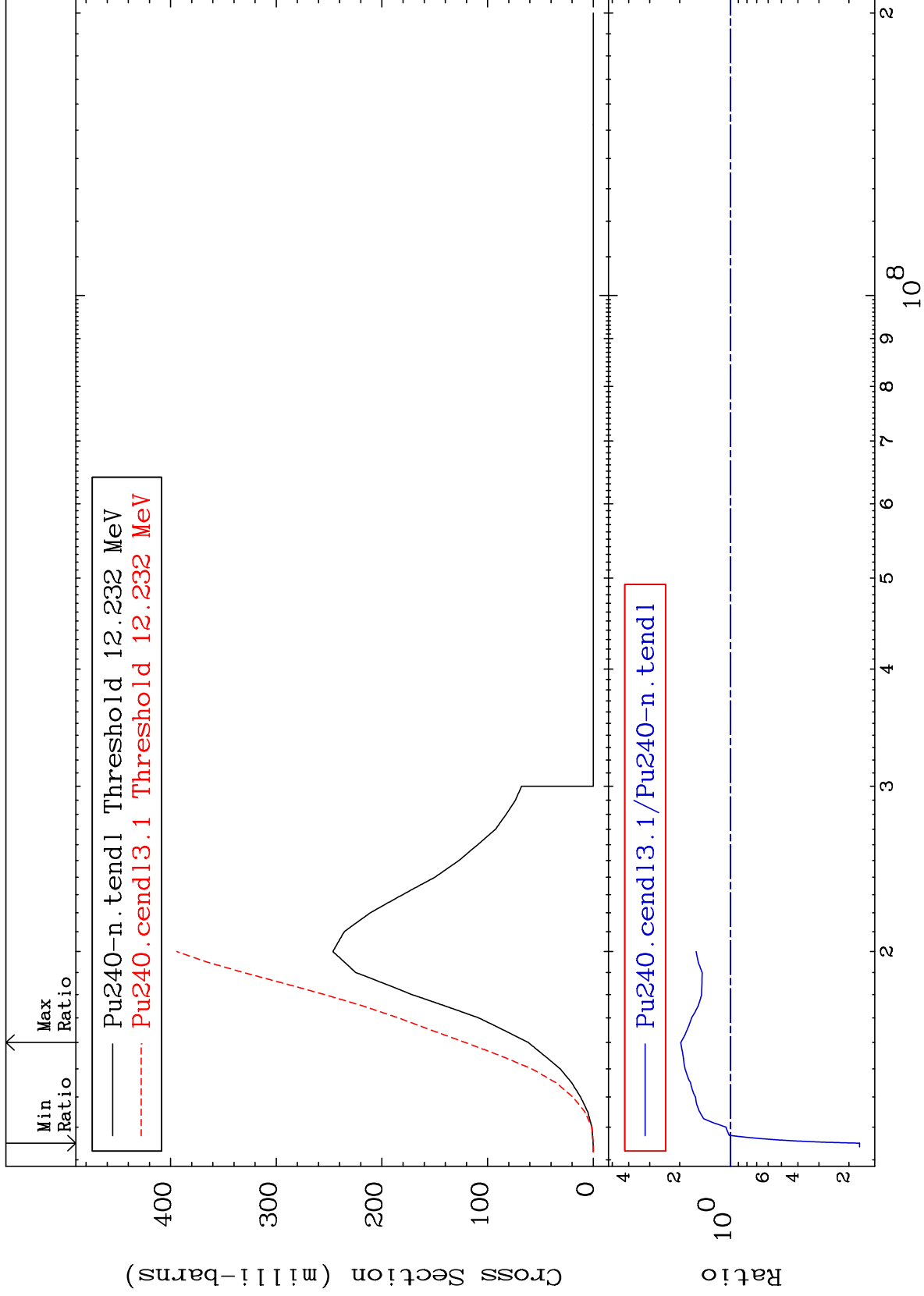
Incident Energy (eV)

94-Pu-240

MAT 9440

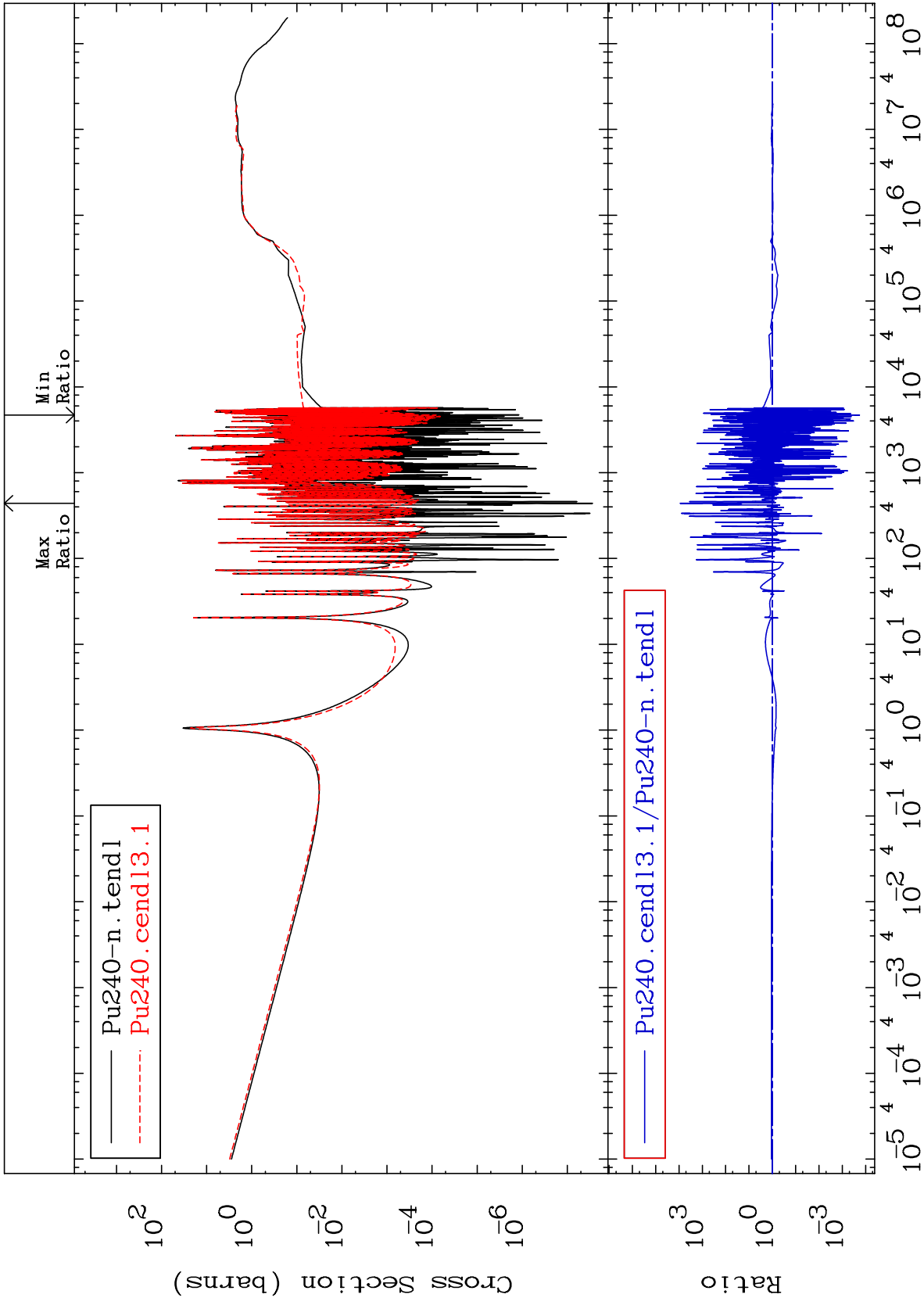
(n,3n)
Cross Section

94-Pu-240
-82.71 To 96.86 %



MAT 9440

Fission Cross Section 94-Pu-240
-99.98 To 9999. %



6

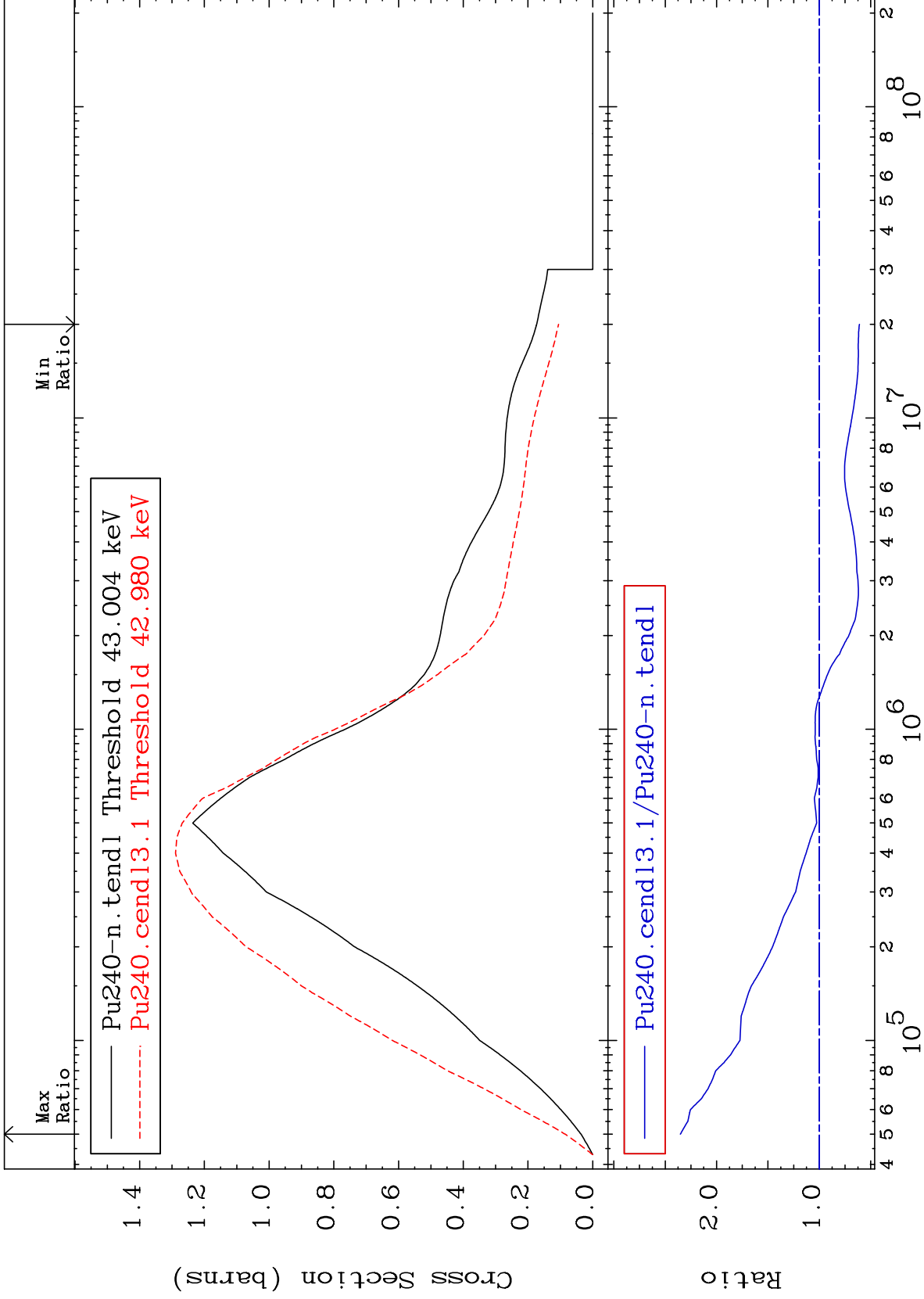
Incident Energy (eV)

94-Pu-240

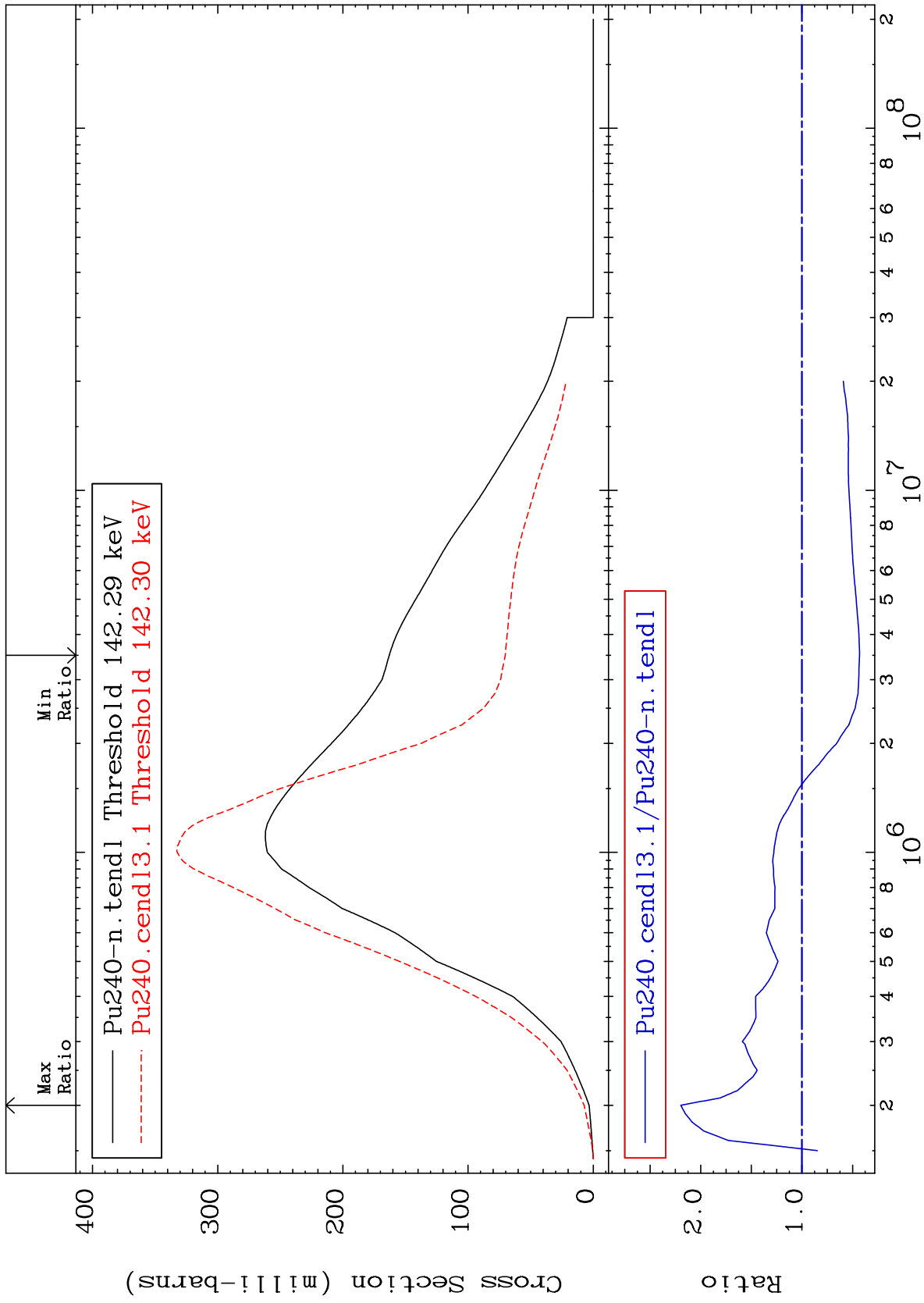
MAT 9440

42.82 keV (n,n') Level
Cross Section

94-Pu-240
-39.00 To 135.3 %



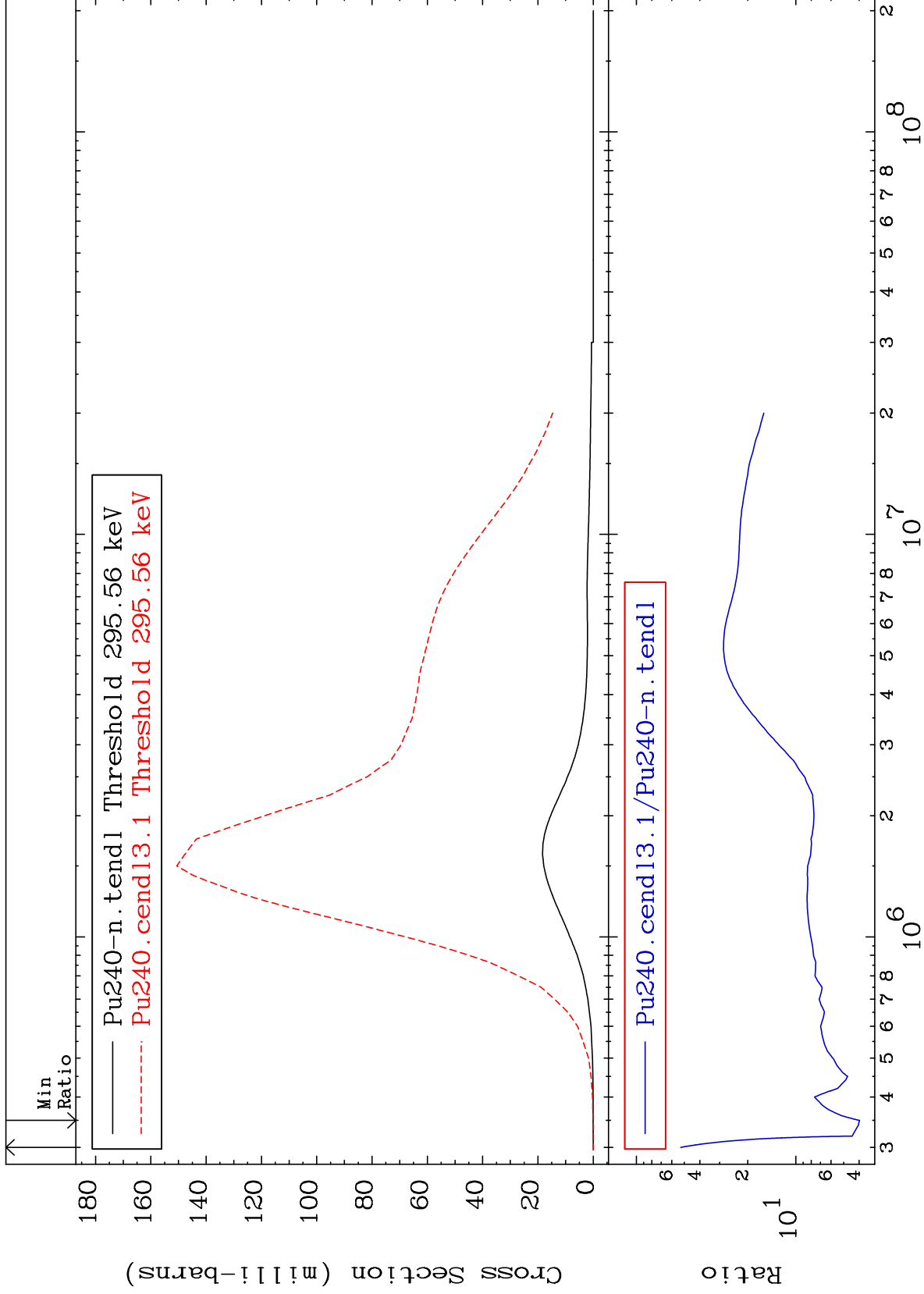
MAT 9440 141.7 keV (n,n') Level 94-Pu-240
 Cross Section -56.86 To 119.7 %



MAT 9440

294.3 keV (n,n') Level
Cross Section

94-Pu-240
298.0 To 5166. %



9

Incident Energy (eV)

94-Pu-240

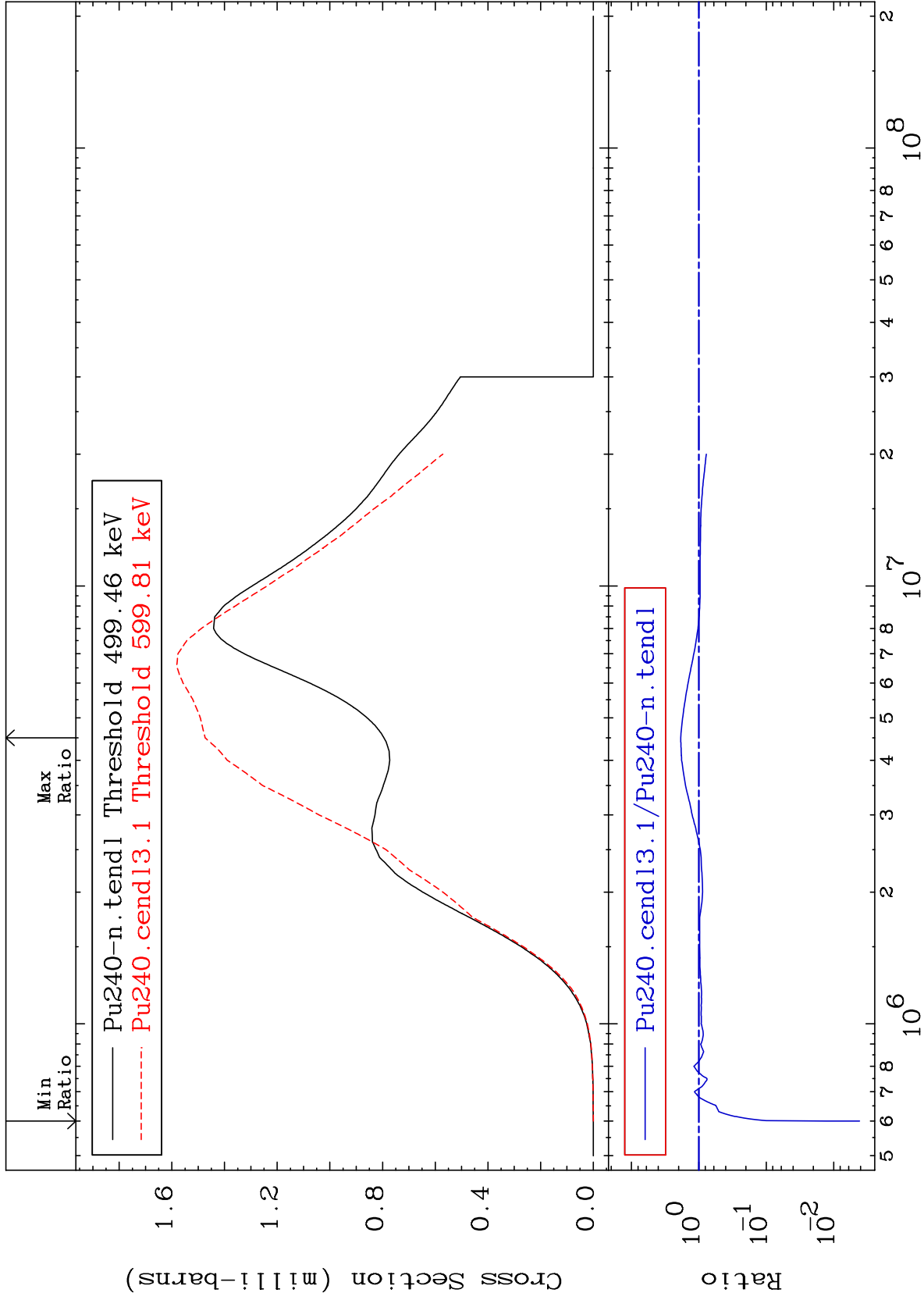
MAT 9440

497.4 keV (n,n') Level

94-Pu-240

-99.59 To 85.41 %

Cross Section



10

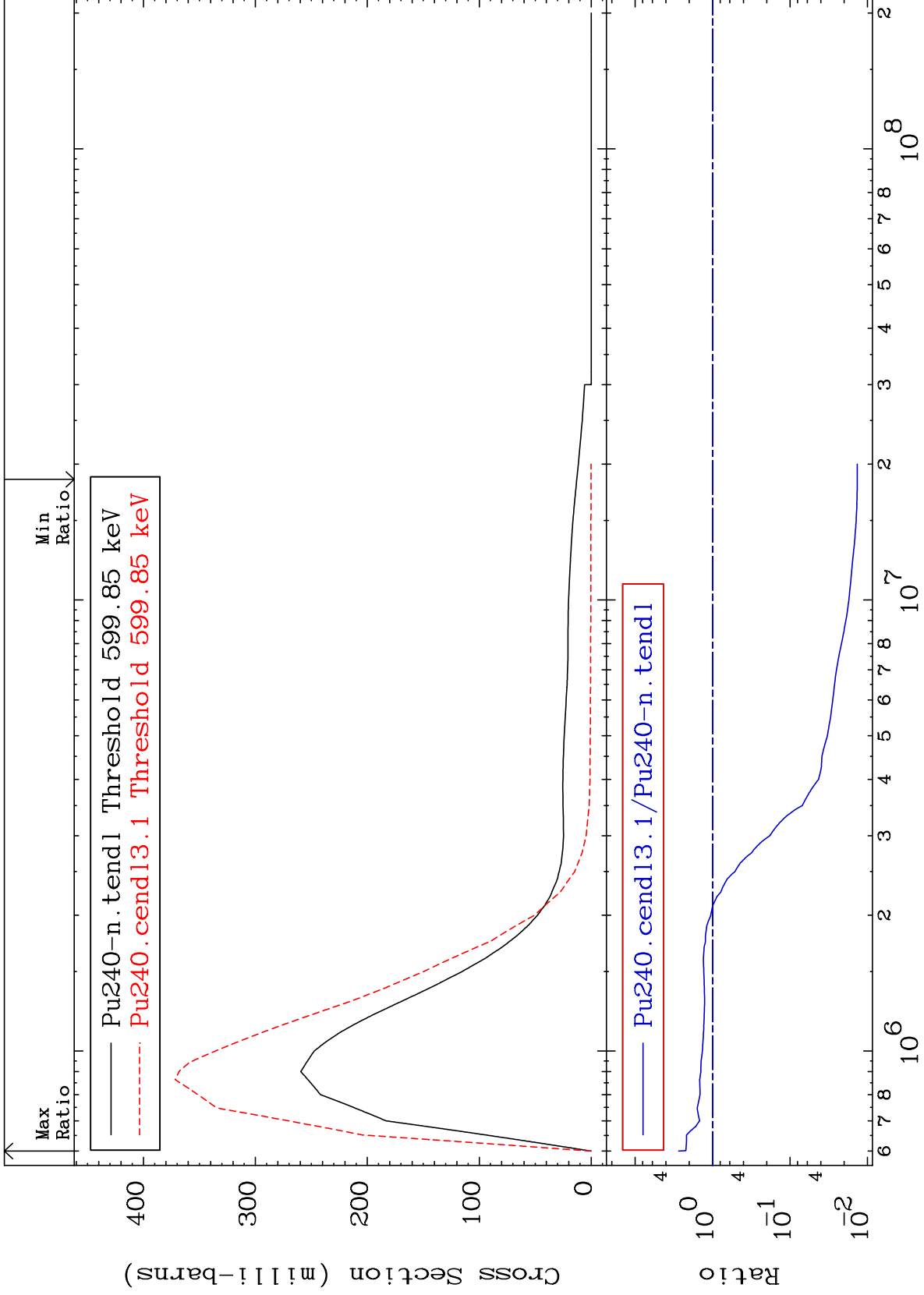
Incident Energy (eV)

94-Pu-240

MAT 9440

597.3 keV (n,n') Level
Cross Section

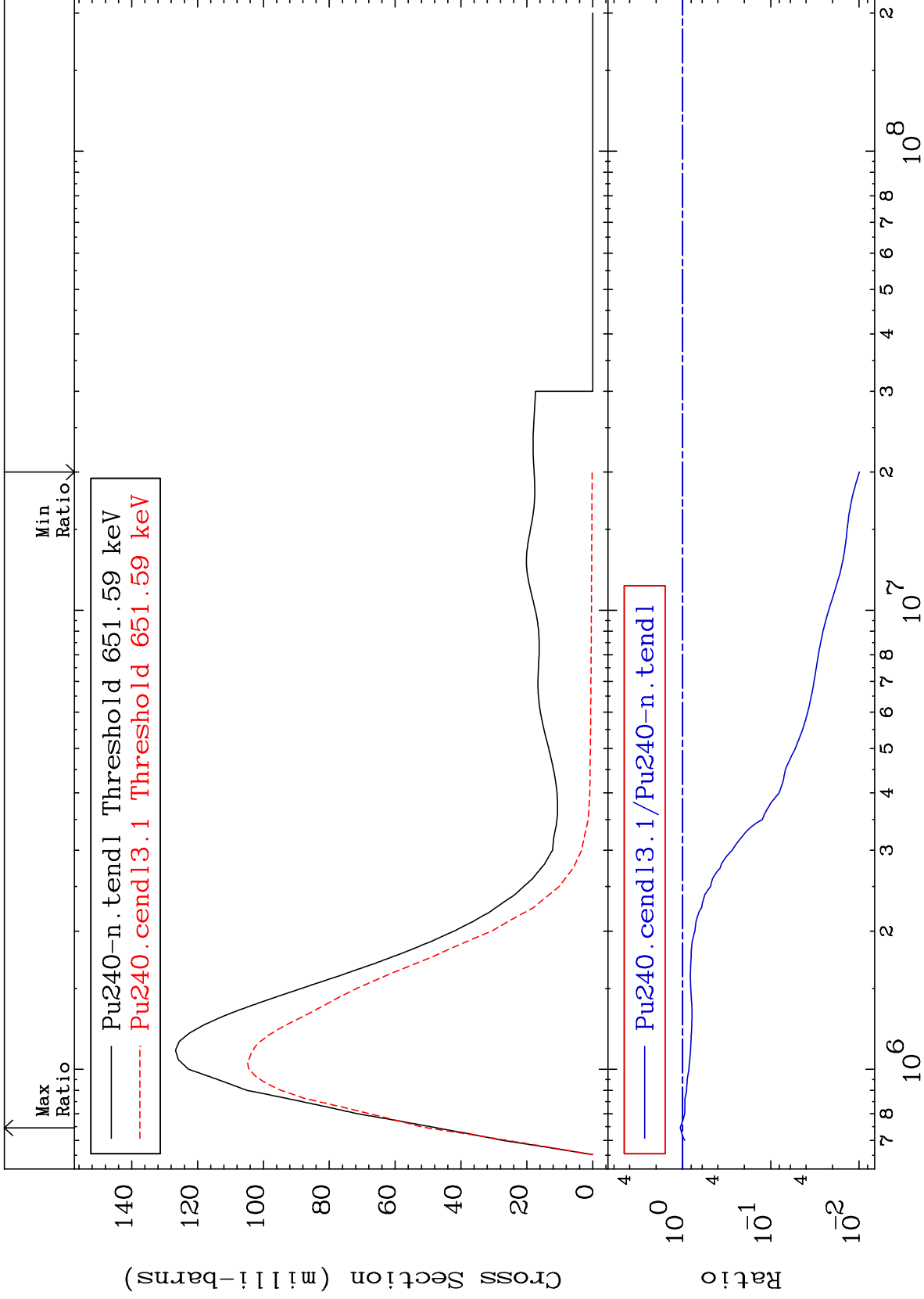
94-Pu-240
-98.64 To 174.5 %



MAT 9440

648.9 keV (n,n') Level
Cross Section

94-Pu-240
-99.01 To 6.211 %



12

94-Pu-240

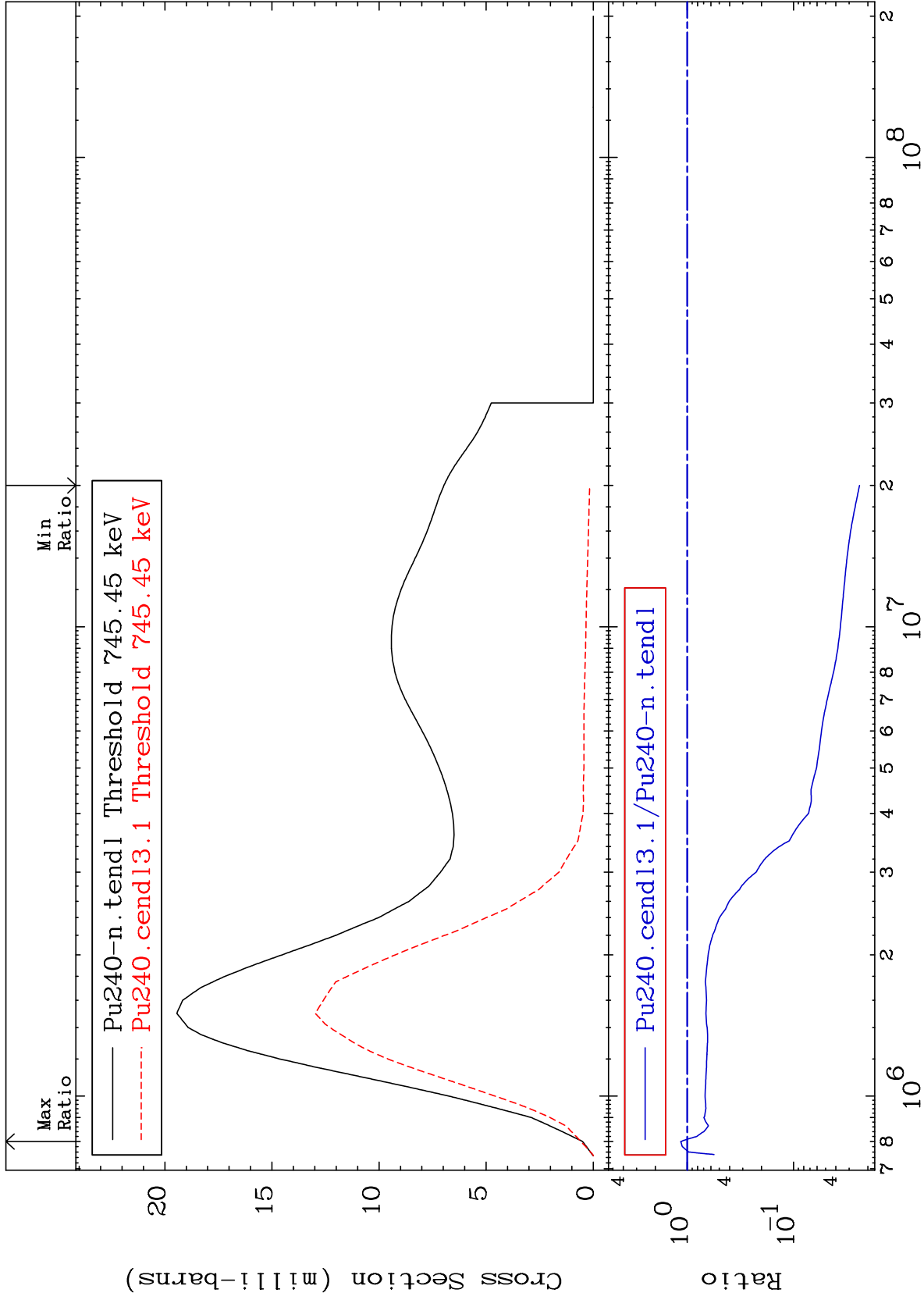
MAT 9440

742.3 keV (n,n') Level

94-Pu-240

-97.61 To 15.07 %

Cross Section



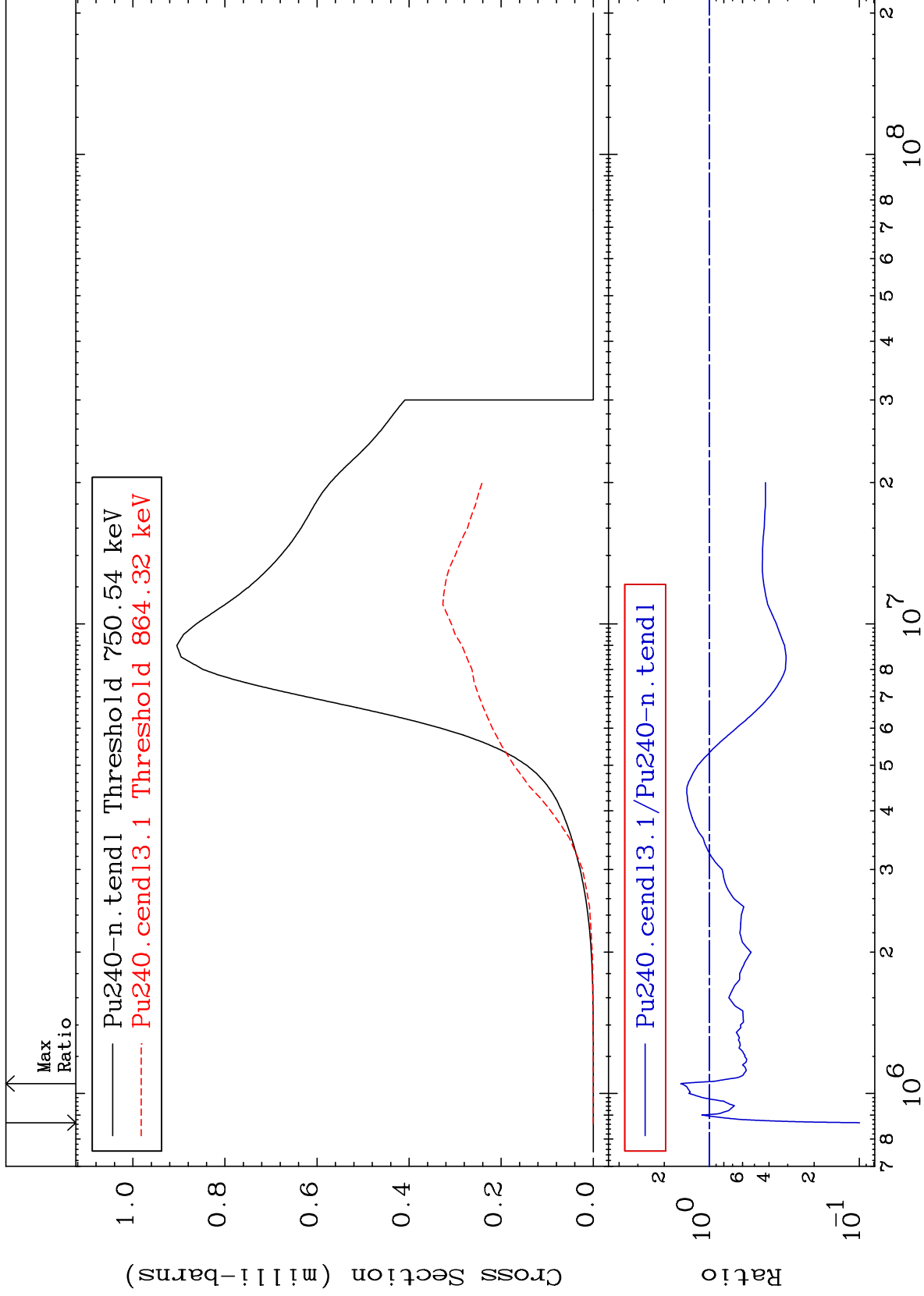
13

94-Pu-240

MAT 9440

747.4 keV (n,n') Level
Cross Section

94-Pu-240
-90.03 To 55.08 %



14

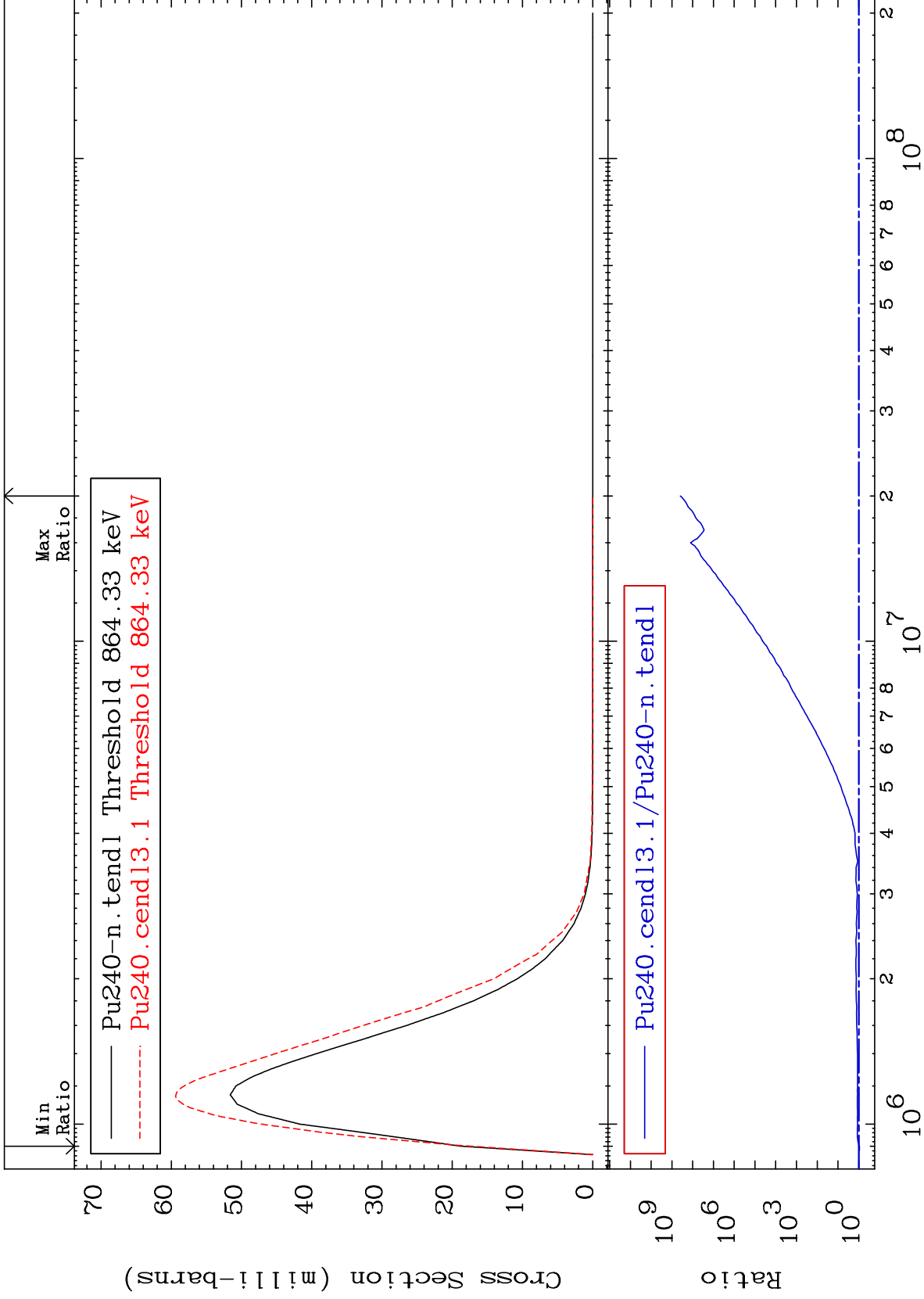
Incident Energy (eV)

94-Pu-240

MAT 9440

860.7 keV (n,n') Level
Cross Section

94-Pu-240
-7.646 To 9999. %



15

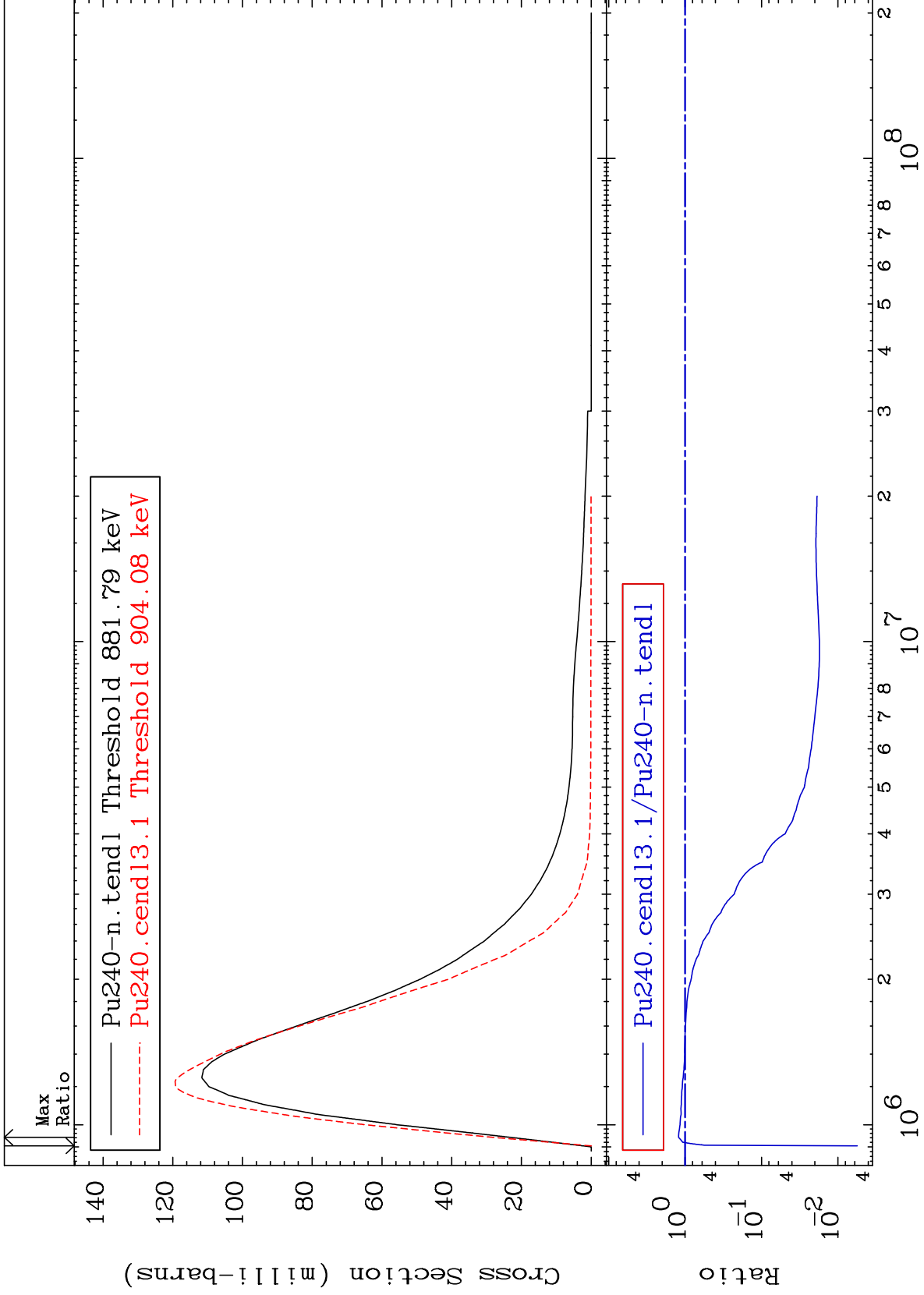
Incident Energy (eV)

94-Pu-240

MAT 9440

878.1 keV (n,n') Level
Cross Section

94-Pu-240
-99.44 To 21.51 %



16

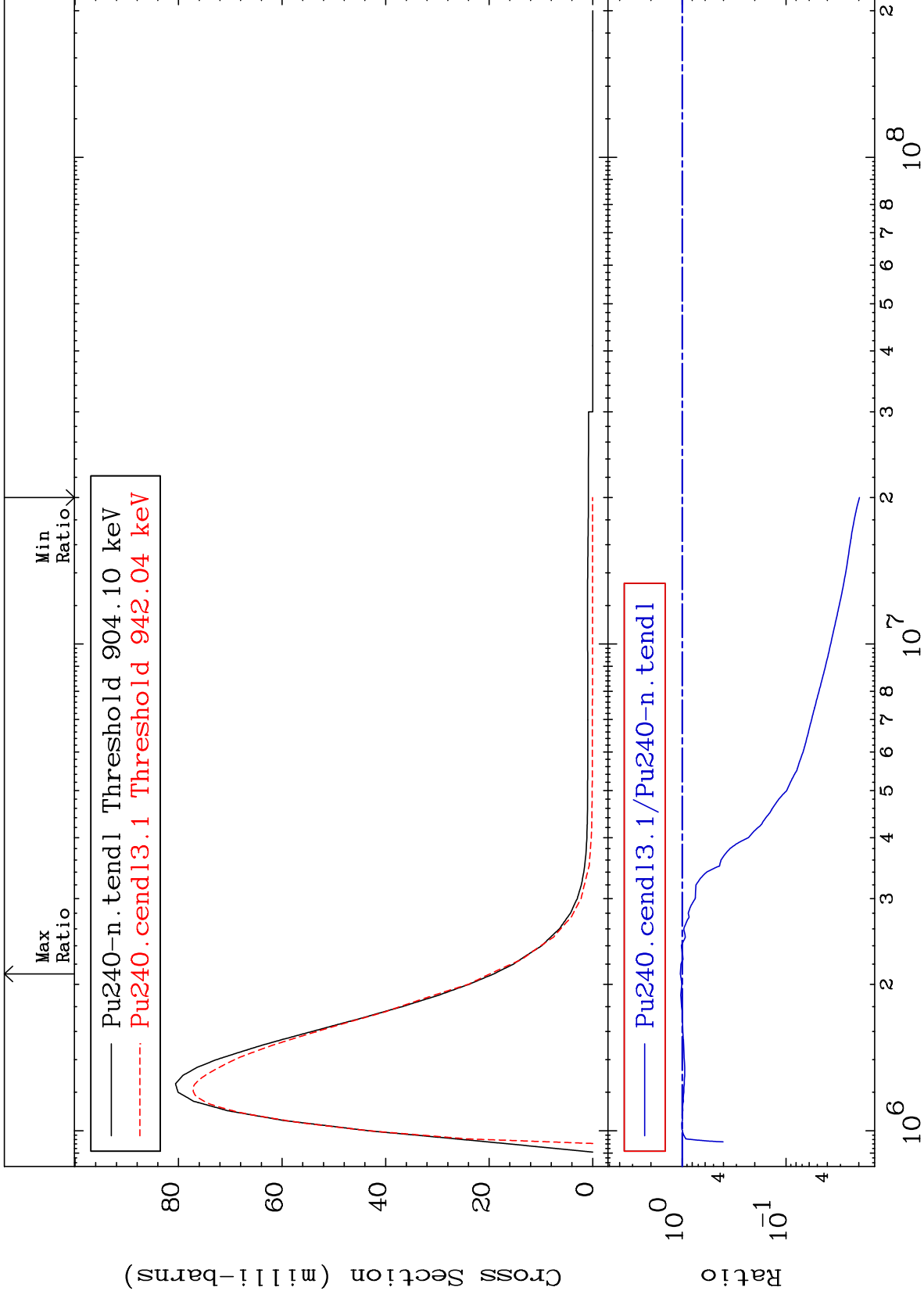
Incident Energy (eV)

94-Pu-240

MAT 9440

900.3 keV (n,n') Level
Cross Section

94-Pu-240
-98.03 To 4.003 %



17

Incident Energy (eV)

94-Pu-240

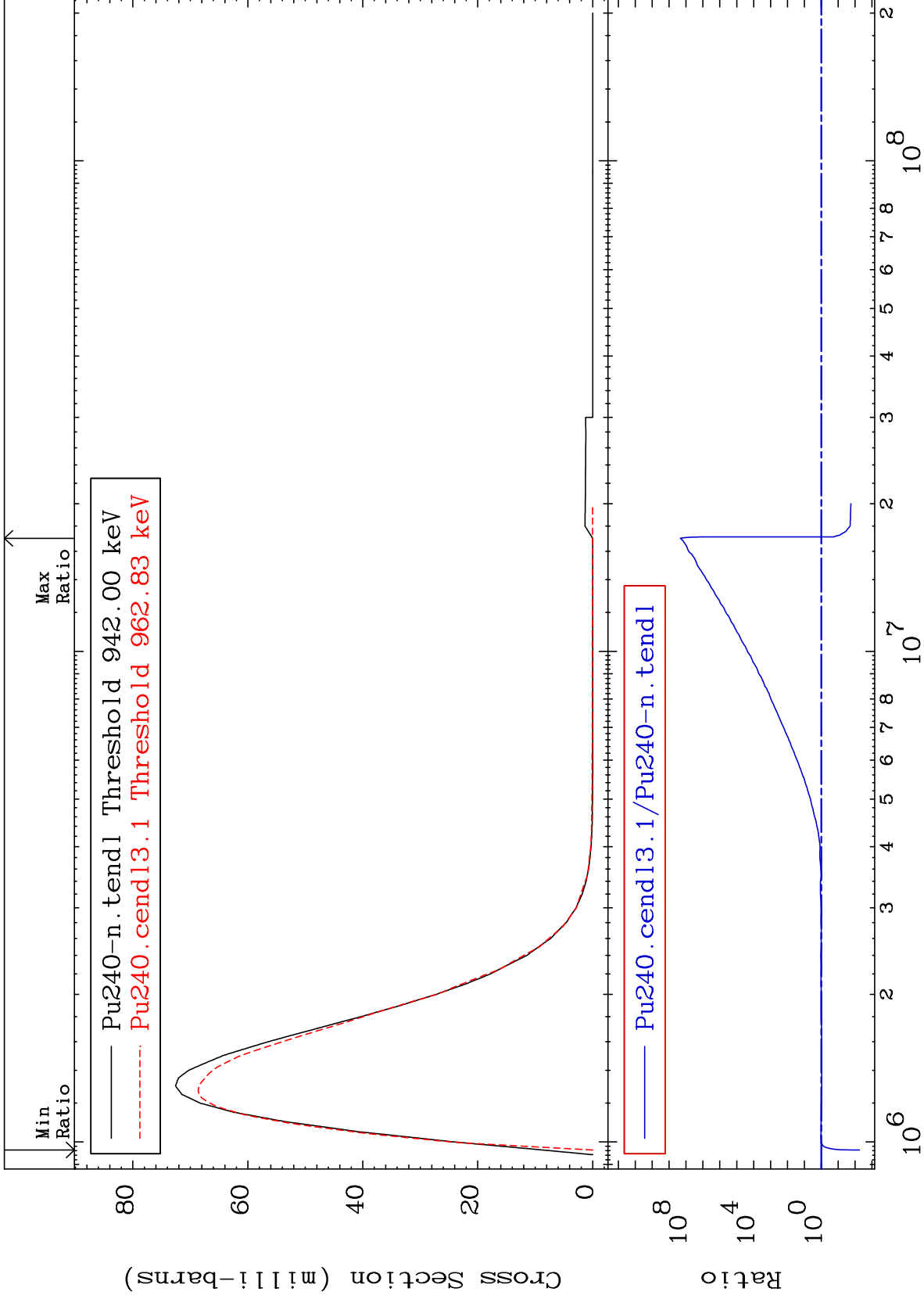
MAT 9440

938.1 keV (n,n') Level

94-Pu-240

-99.45 To 9999. %

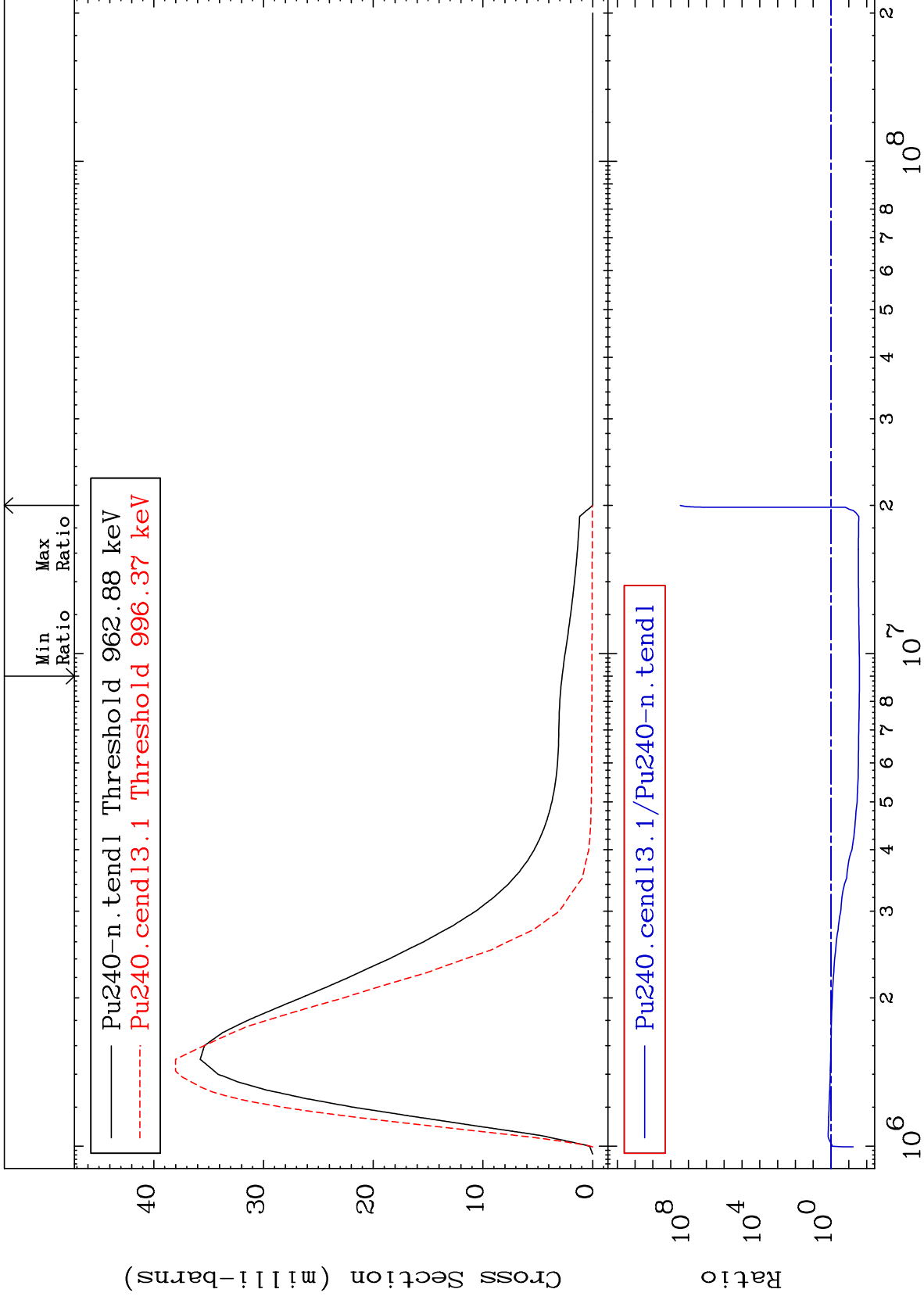
Cross Section



MAT 9440

958.9 keV (n,n') Level
Cross Section

94-Pu-240
-97.46 To 9999. %



19

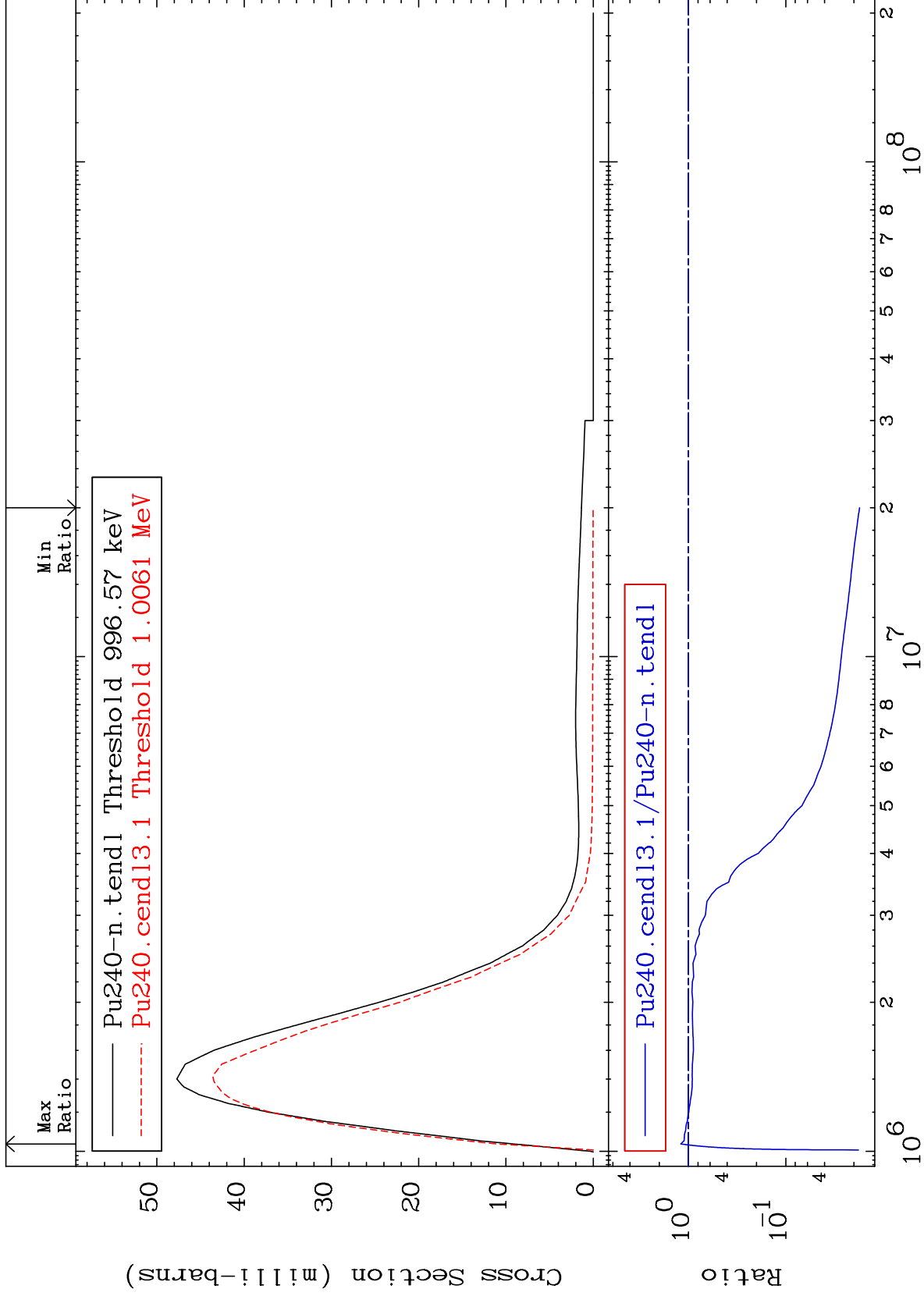
Incident Energy (eV)

94-Pu-240

MAT 9440

992.4 keV (n,n') Level
Cross Section

94-Pu-240
-98.25 To 20.08 %



20

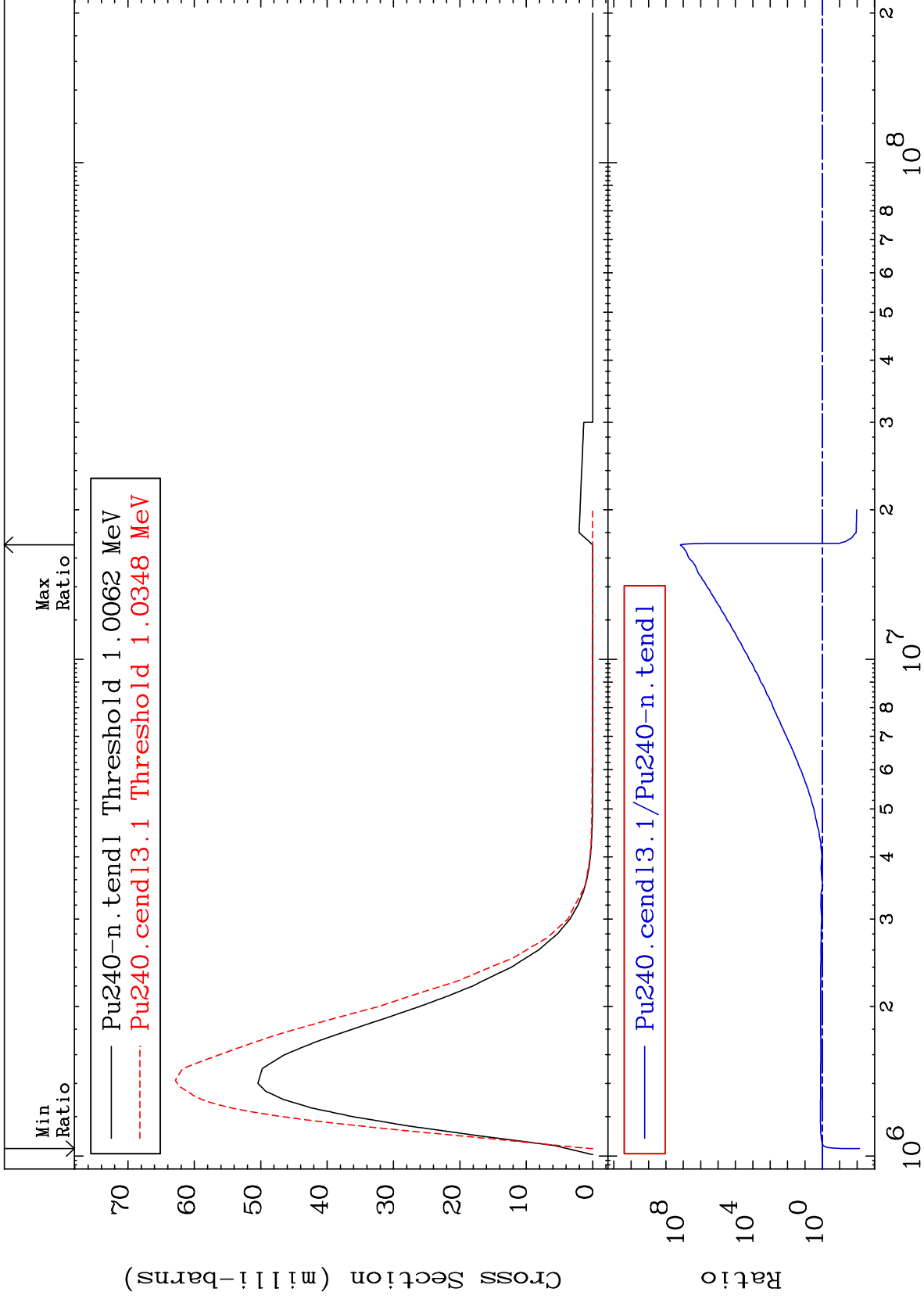
Incident Energy (eV)

94-Pu-240

MAT 9440

1.002 MeV (n,n') Level
Cross Section

94-Pu-240
-99.27 To 9999. %



21

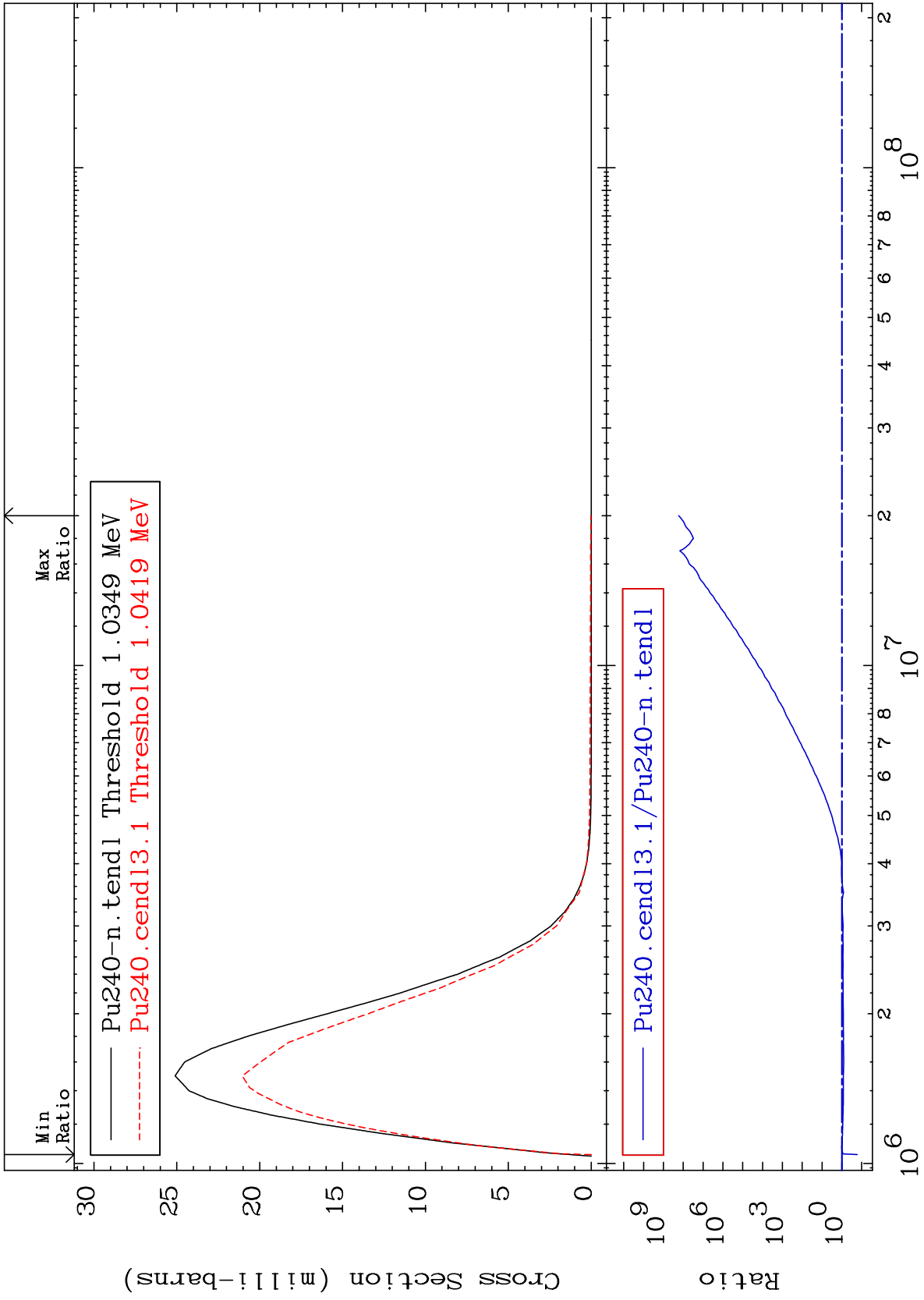
Incident Energy (eV)

94-Pu-240

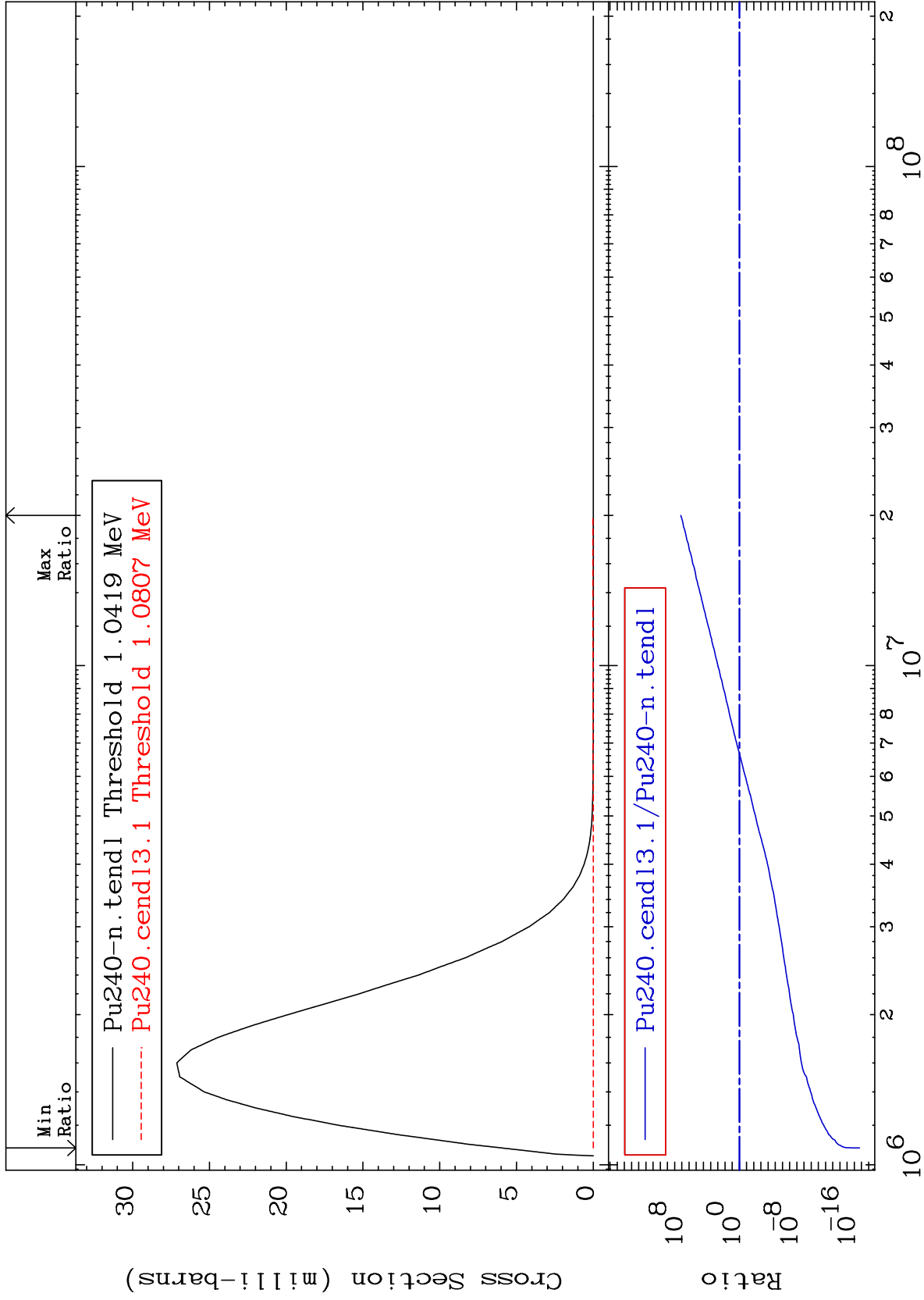
MAT 9440

1.031 MeV (n,n') Level
Cross Section

94-Pu-240
-83.28 To 9999. %



MAT 9440 1.038 MeV (n,n') Level 94-Pu-240
 Cross Section -100.0 To 9999. %

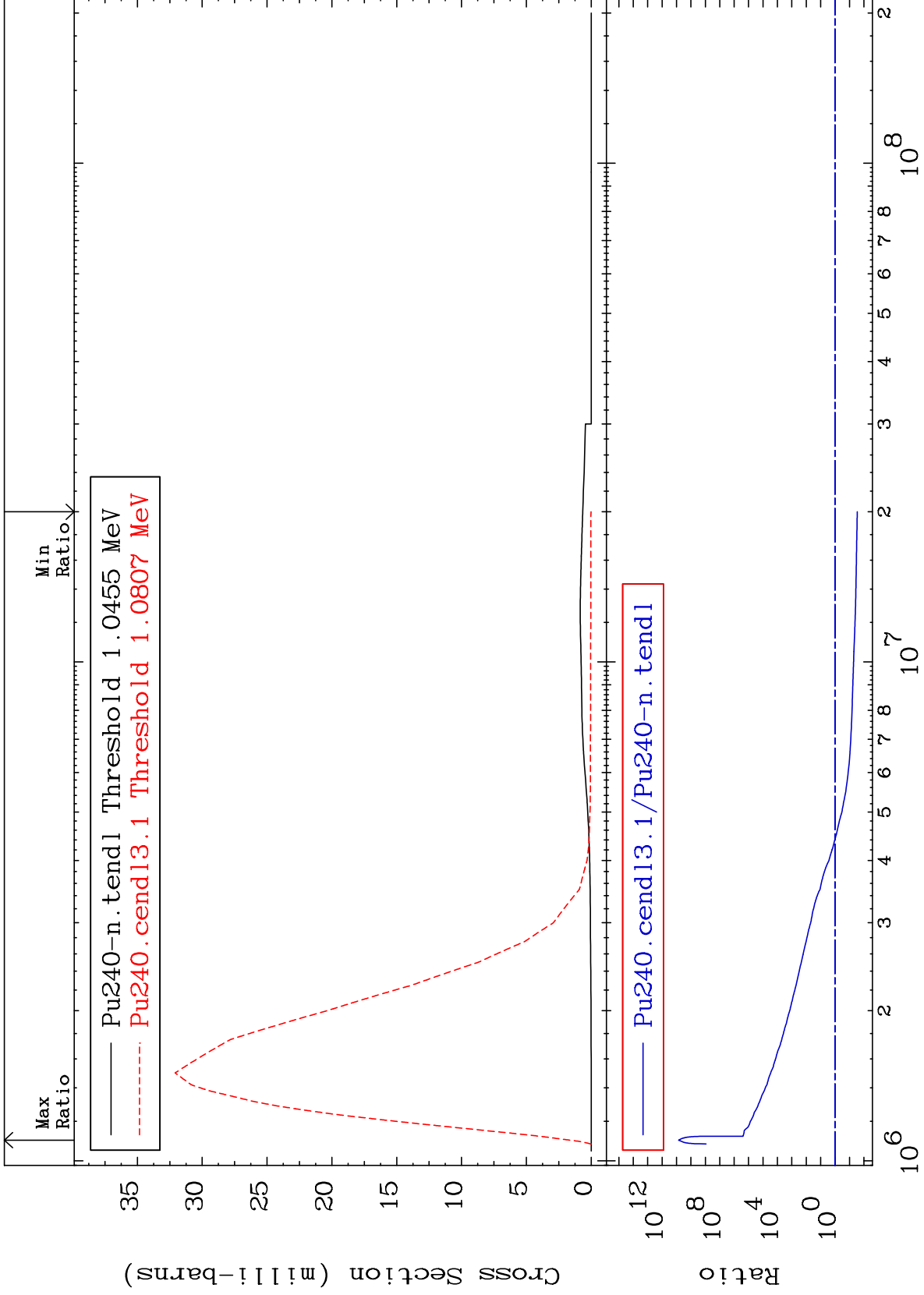


23 Incident Energy (eV) 94-Pu-240

MAT 9440

1.041 MeV (n,n') Level
Cross Section

94-Pu-240
-97.11 To 9999. %



24

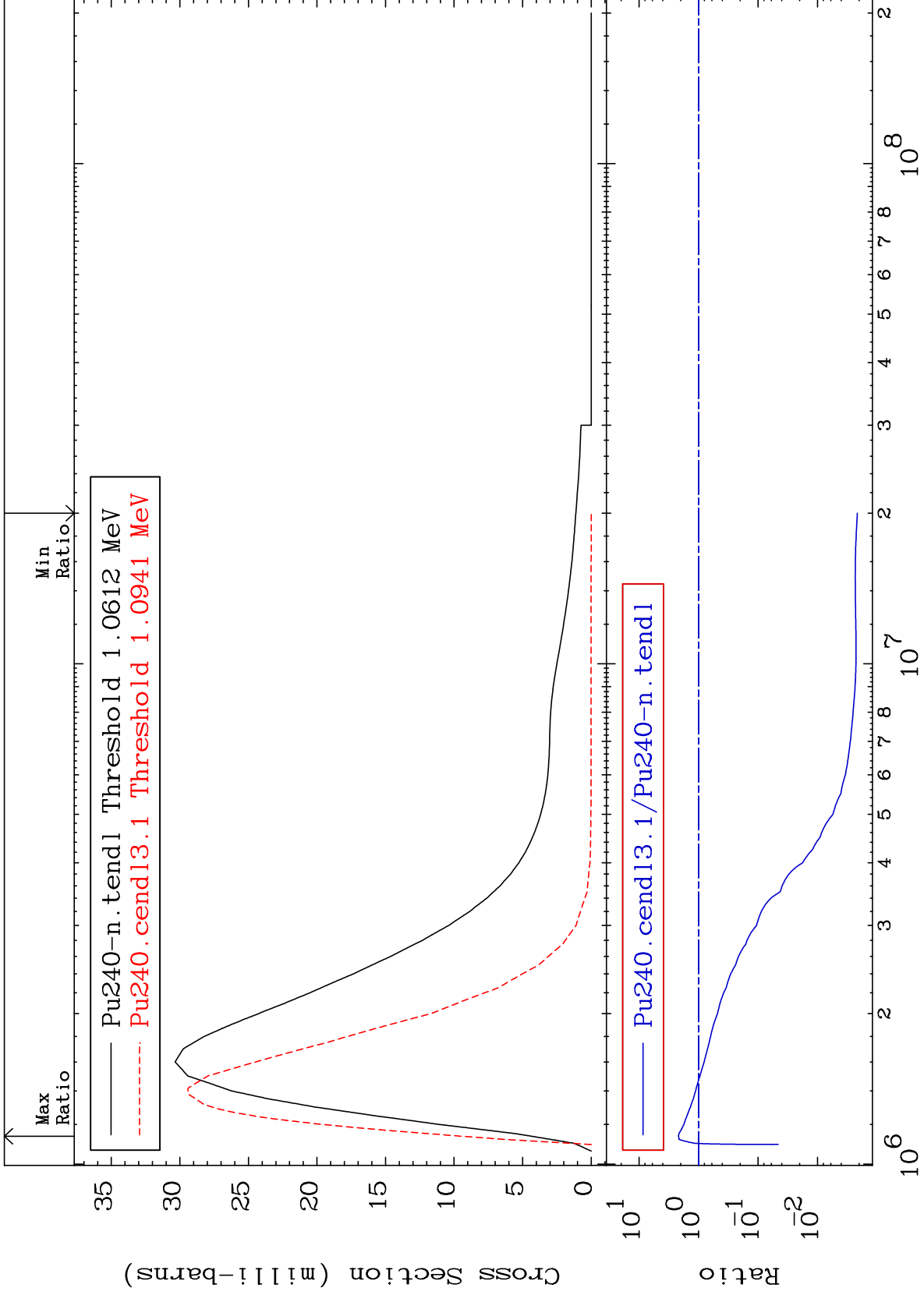
Incident Energy (eV)

94-Pu-240

MAT 9440

1.057 MeV (n,n') Level
Cross Section

94-Pu-240
-99.78 To 116.6 %



25

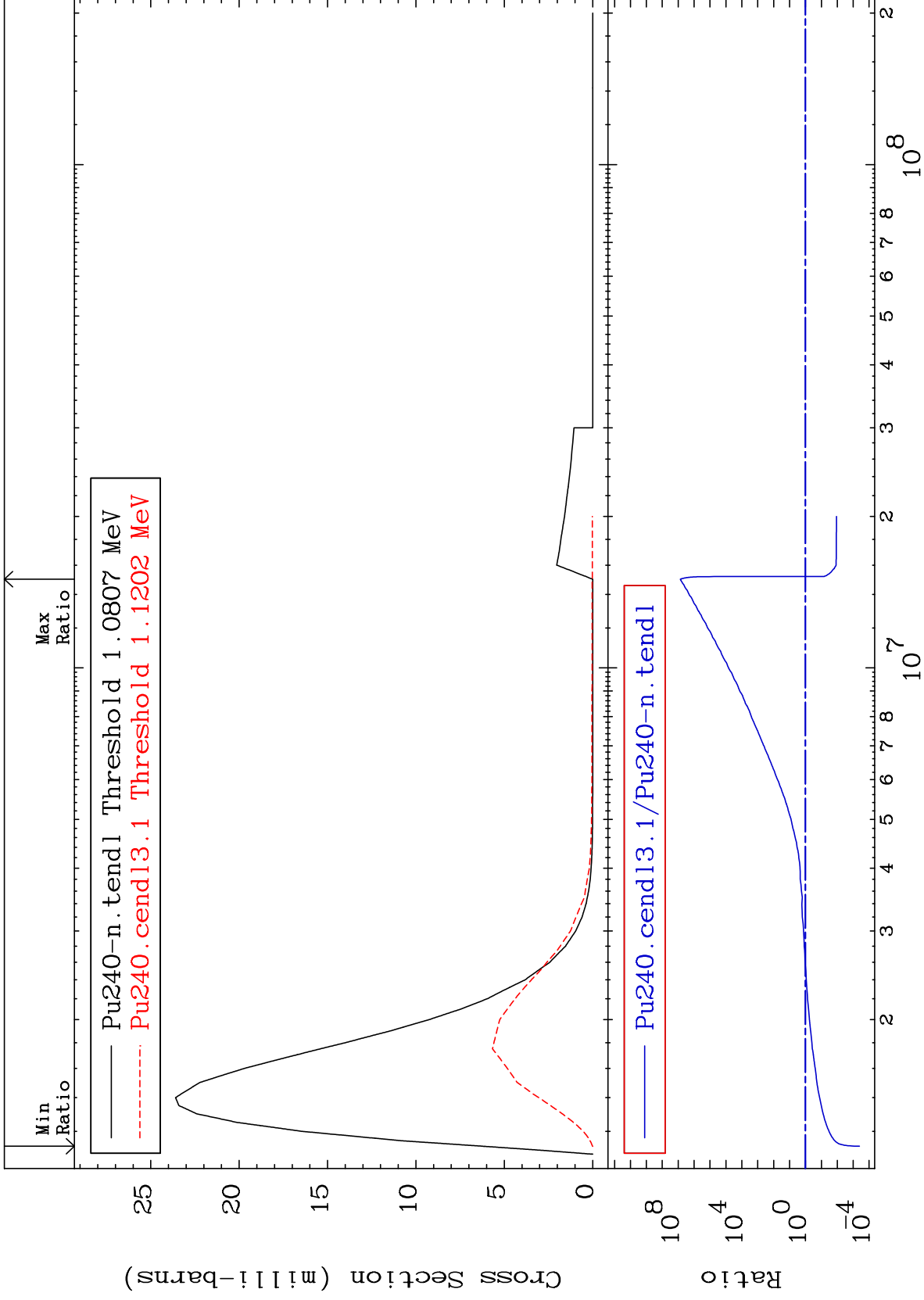
Incident Energy (eV)

94-Pu-240

MAT 9440

1.076 MeV (n,n') Level
Cross Section

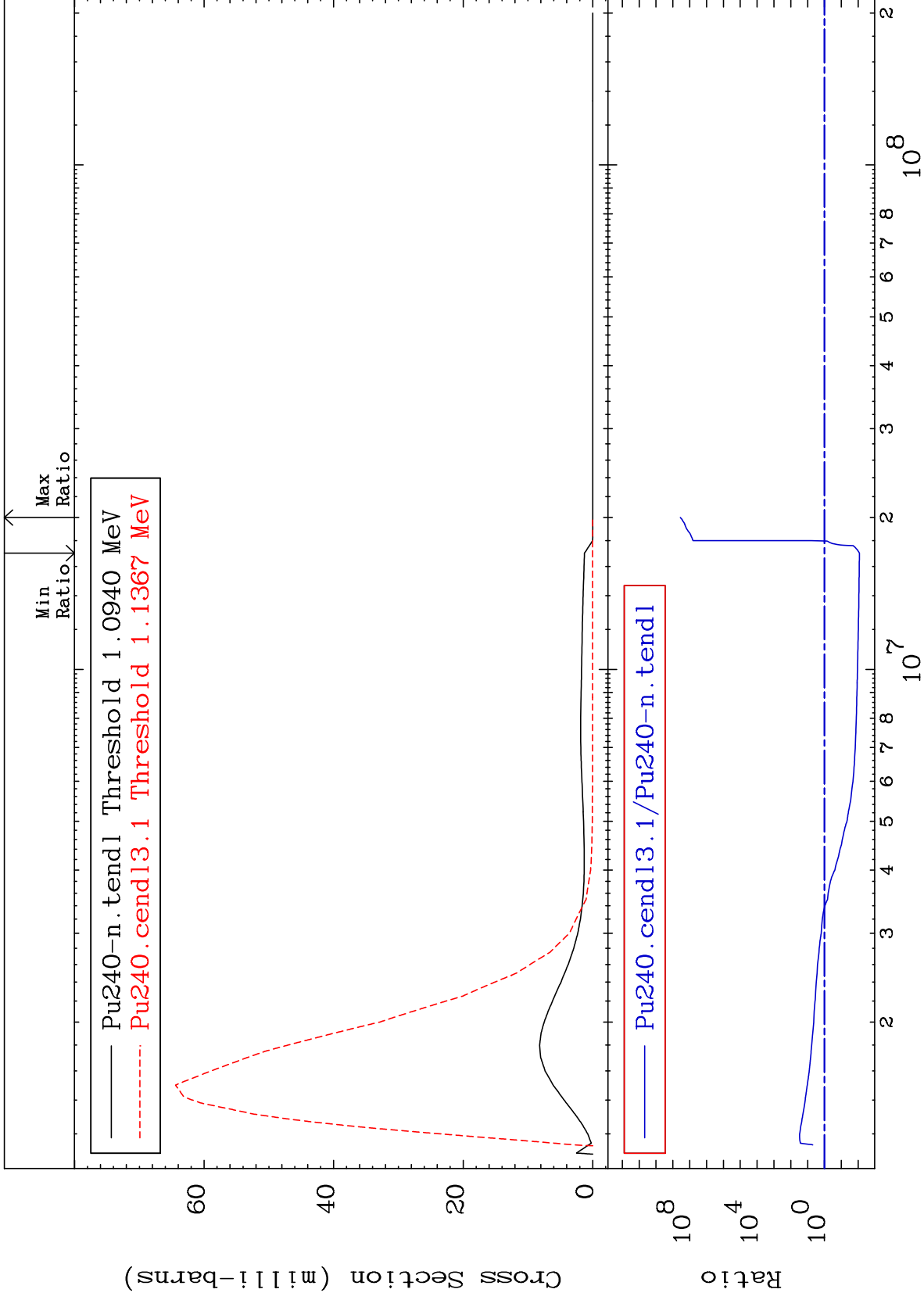
94-Pu-240
-99.96 To 9999. %



MAT 9440

1.089 MeV (n,n') Level
Cross Section

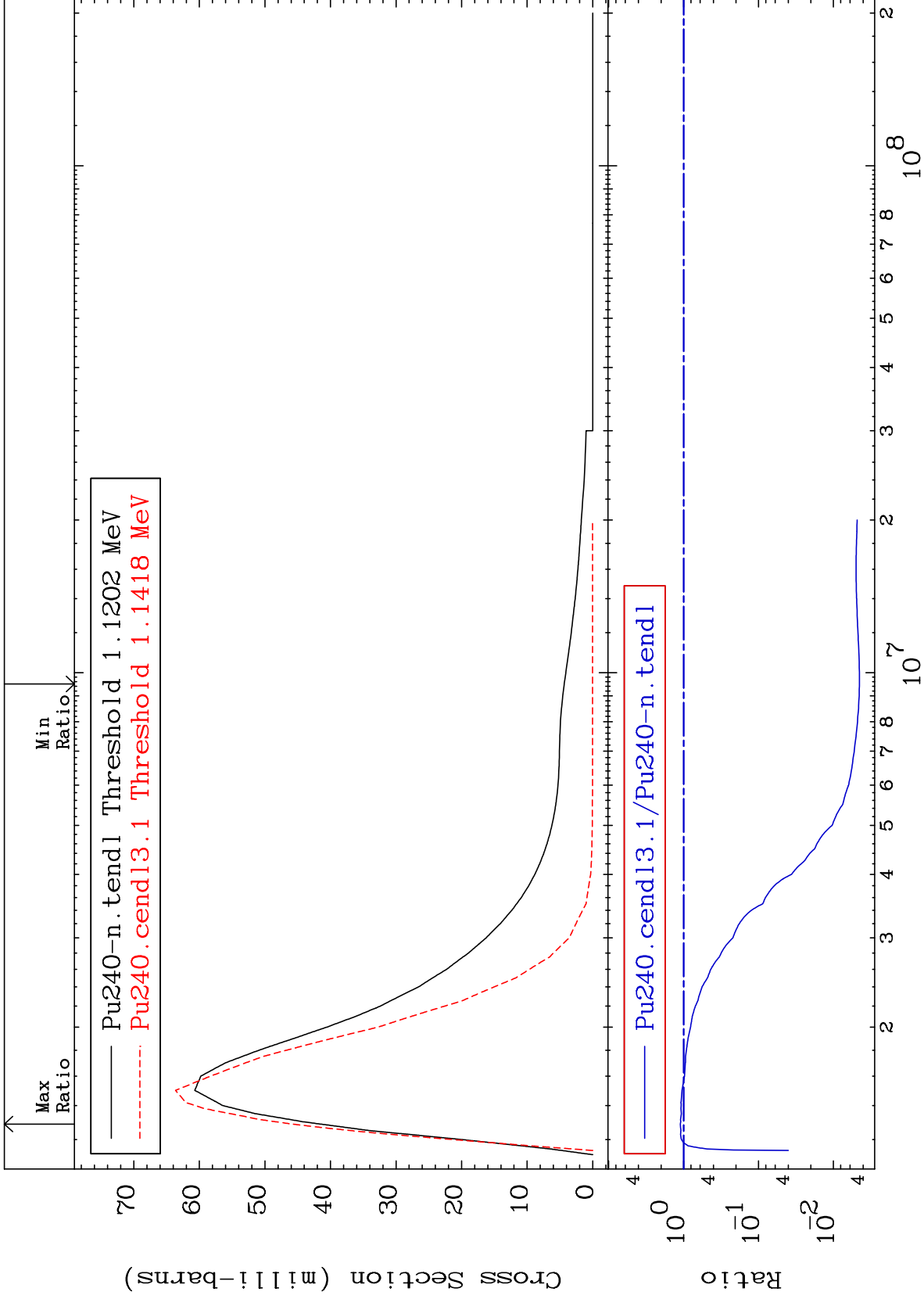
94-Pu-240
-99.15 To 9999. %

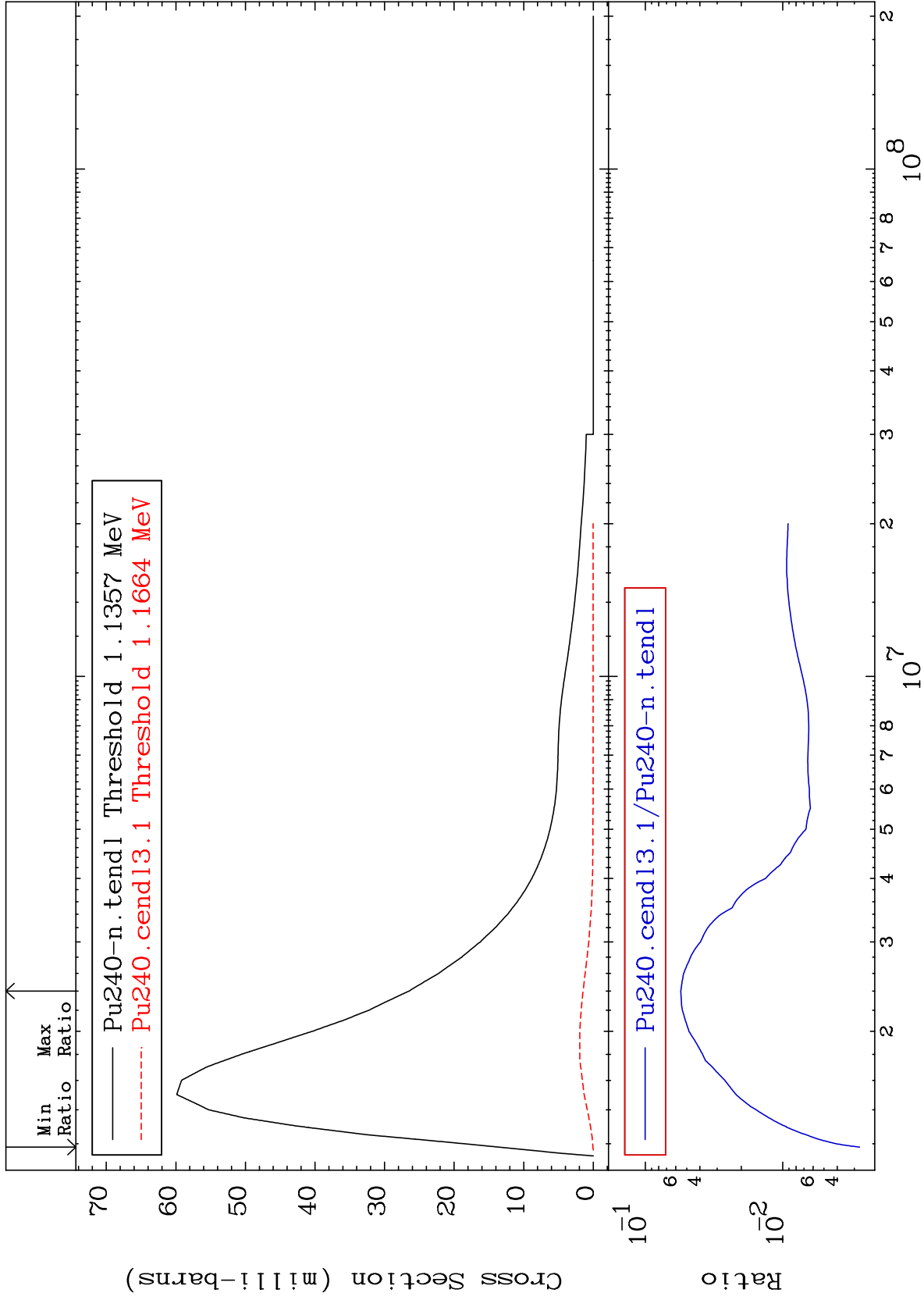


MAT 9440

1.116 MeV (n,n') Level
Cross Section

94-Pu-240
-99.55 To 10.43 %

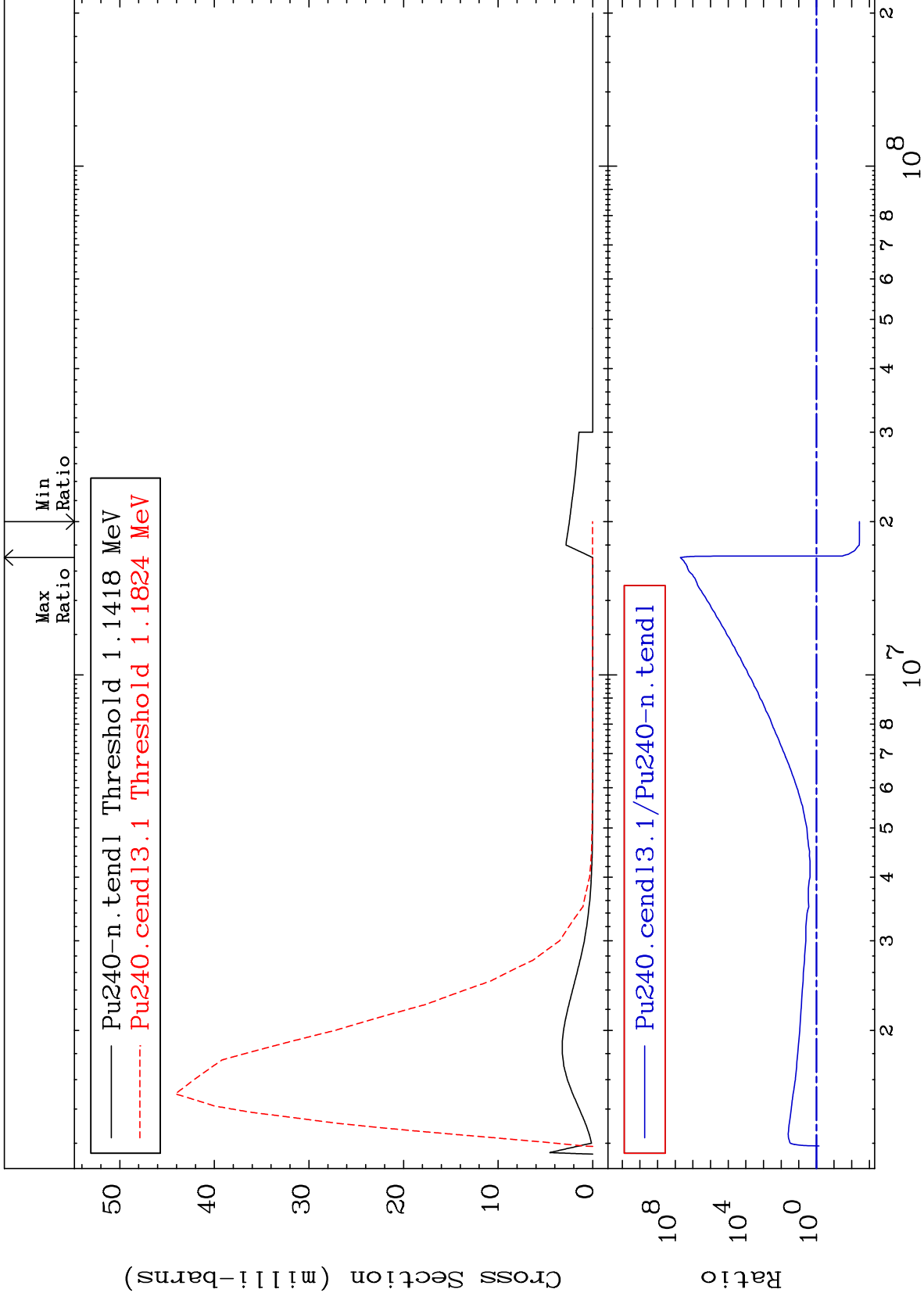




MAT 9440

1.137 MeV (n,n') Level
Cross Section

94-Pu-240
-99.63 To 9999. %



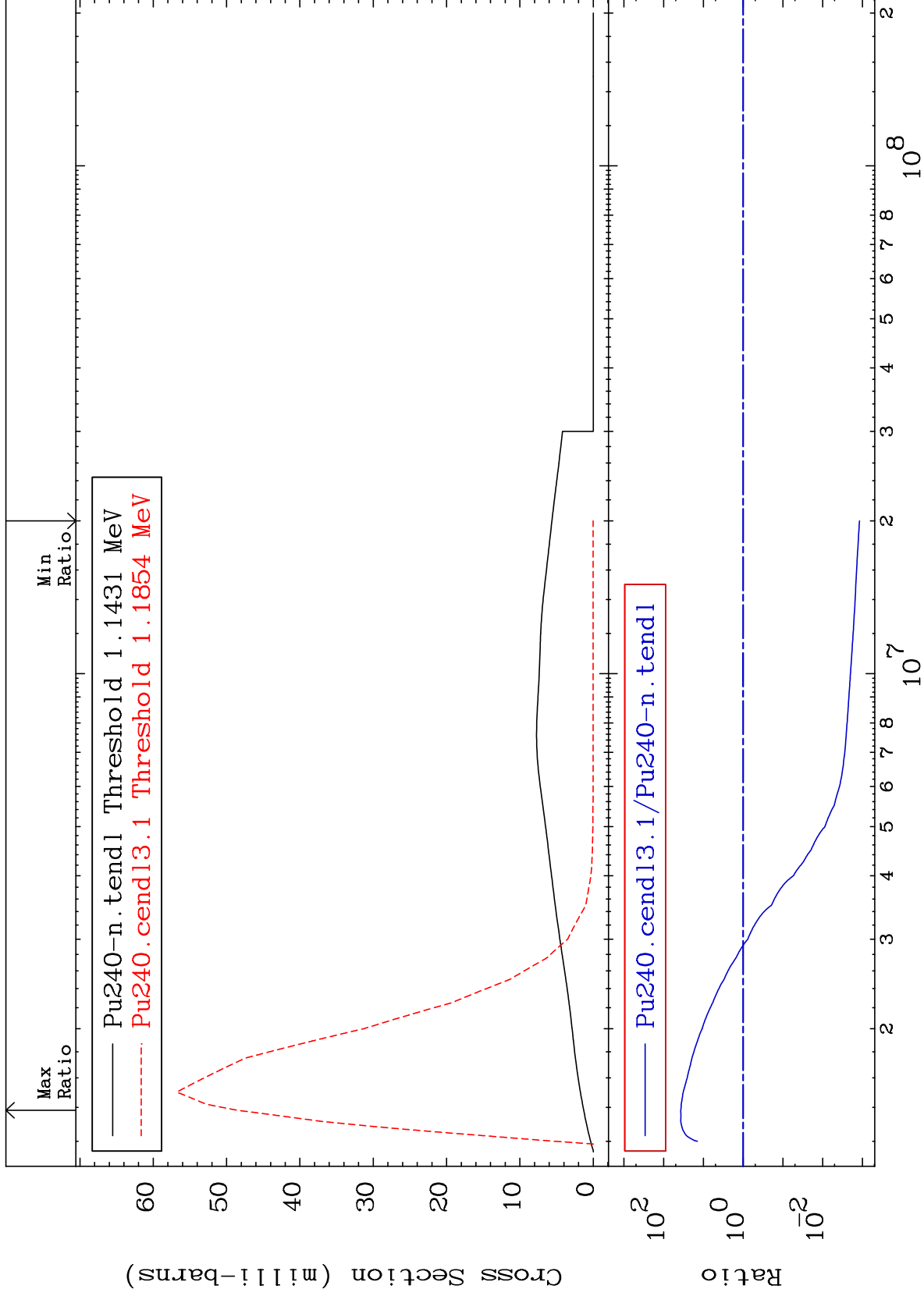
30

94-Pu-240

MAT 9440

1.138 MeV (n,n') Level
Cross Section

94-Pu-240
-99.88 To 3621. %



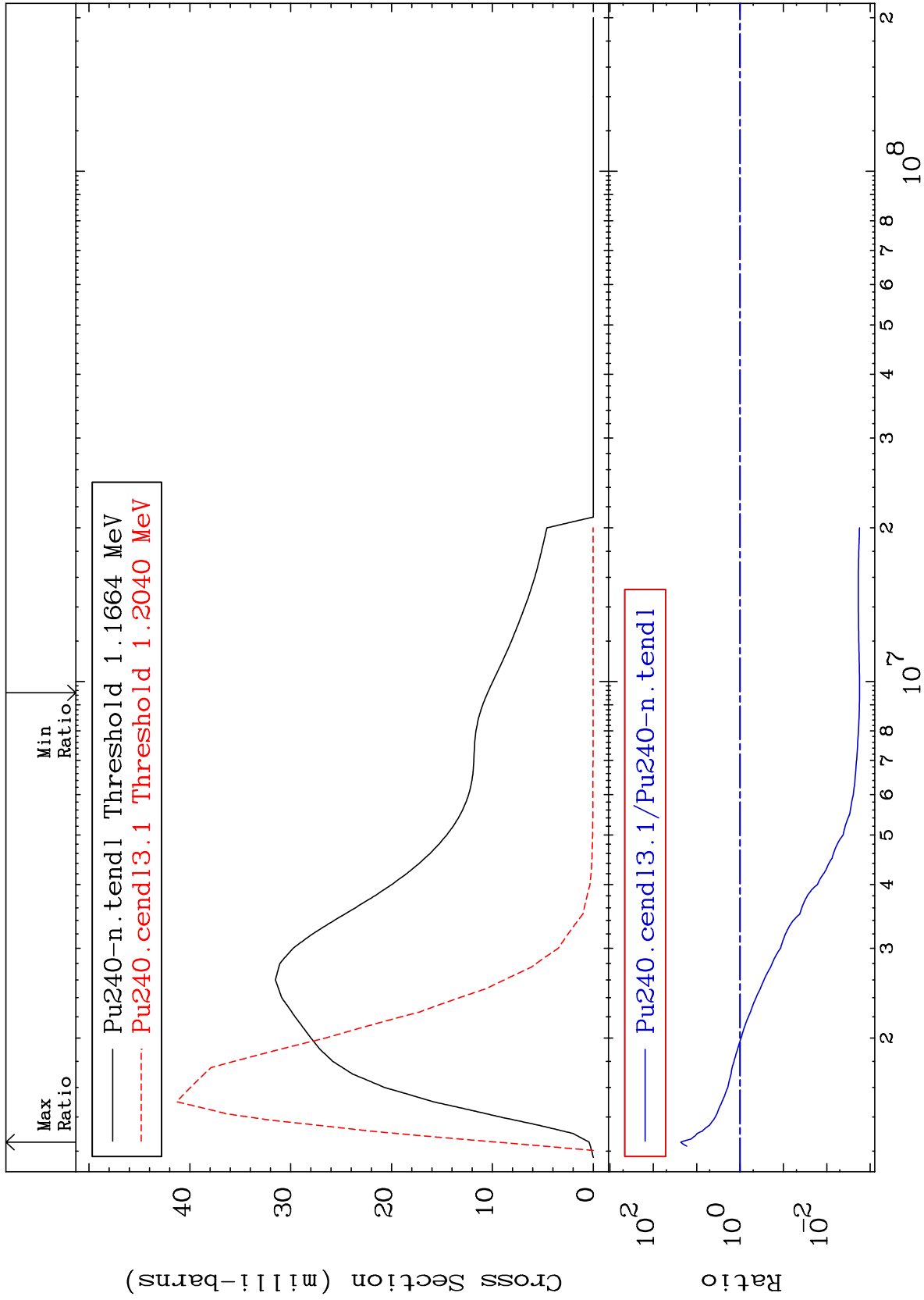
MAT 9440

1.162 MeV (n,n') Level

94-Pu-240

-99.82 To 2230. %

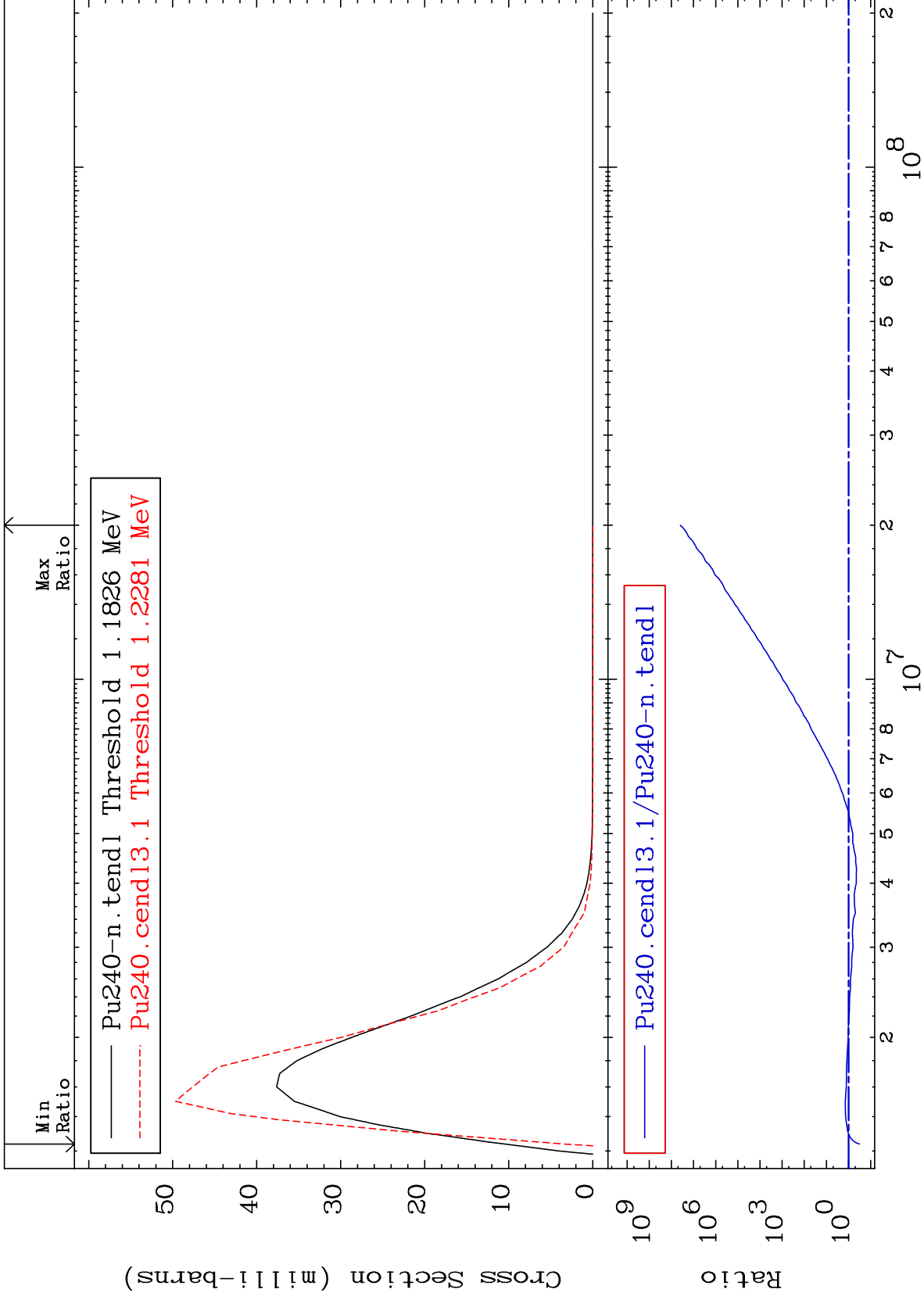
Cross Section



MAT 9440

1.178 MeV (n,n') Level
Cross Section

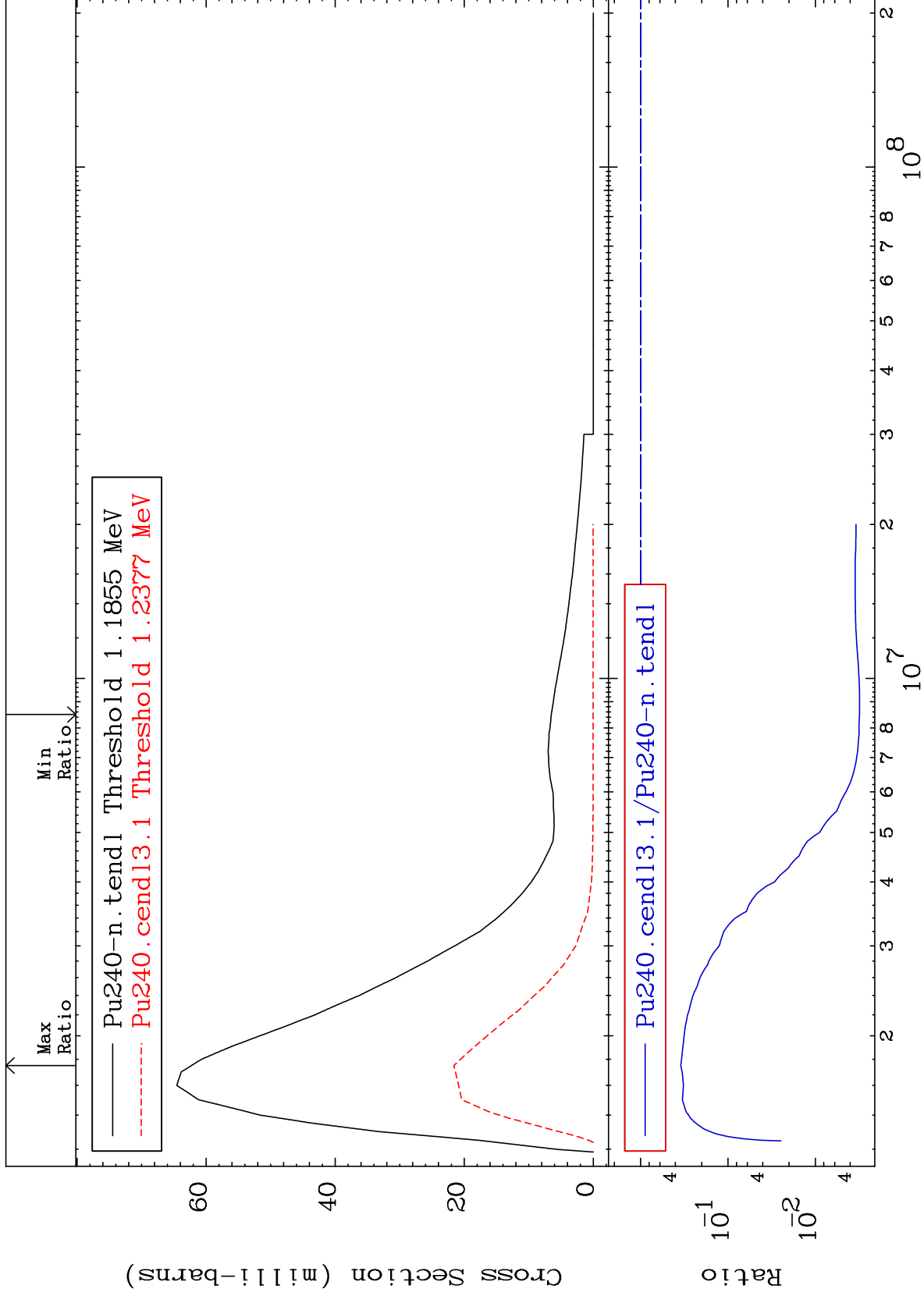
94-Pu-240
-67.82 To 9999. %



MAT 9440

1.180 MeV (n,n') Level
Cross Section

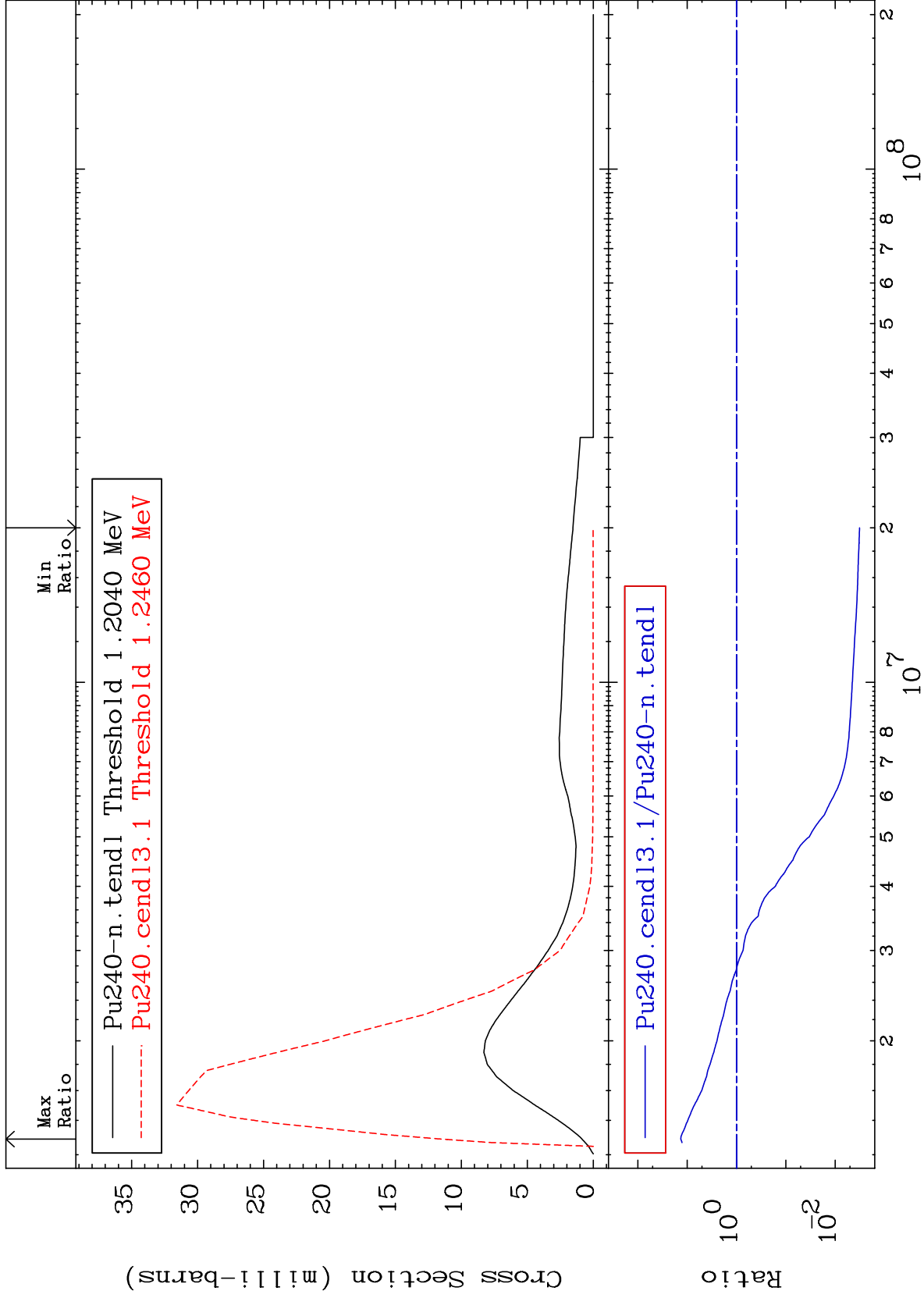
94-Pu-240
-99.69 To -65.31%



MAT 9440

1.199 MeV (n,n') Level
Cross Section

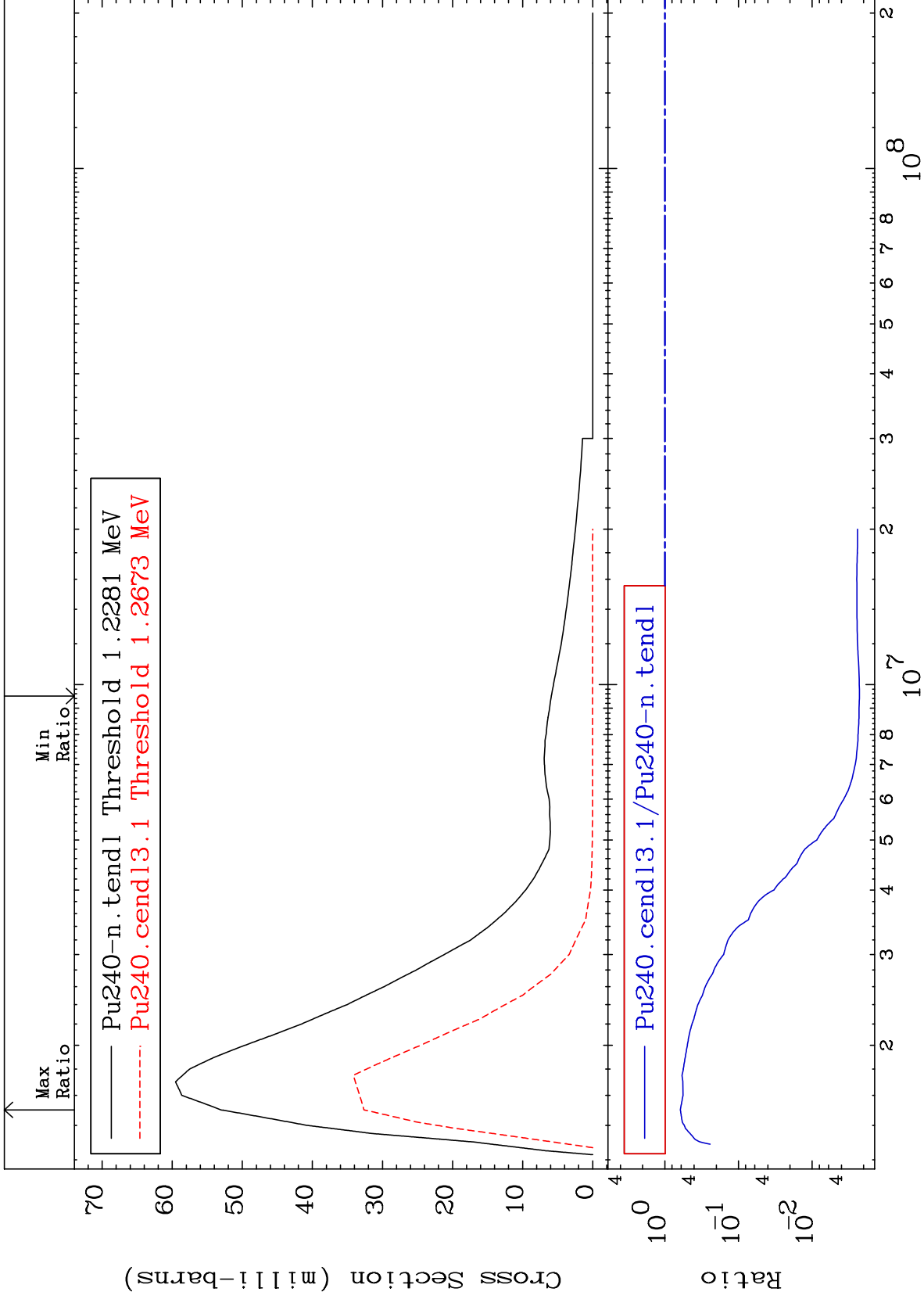
94-Pu-240
-99.68 To 1244. %

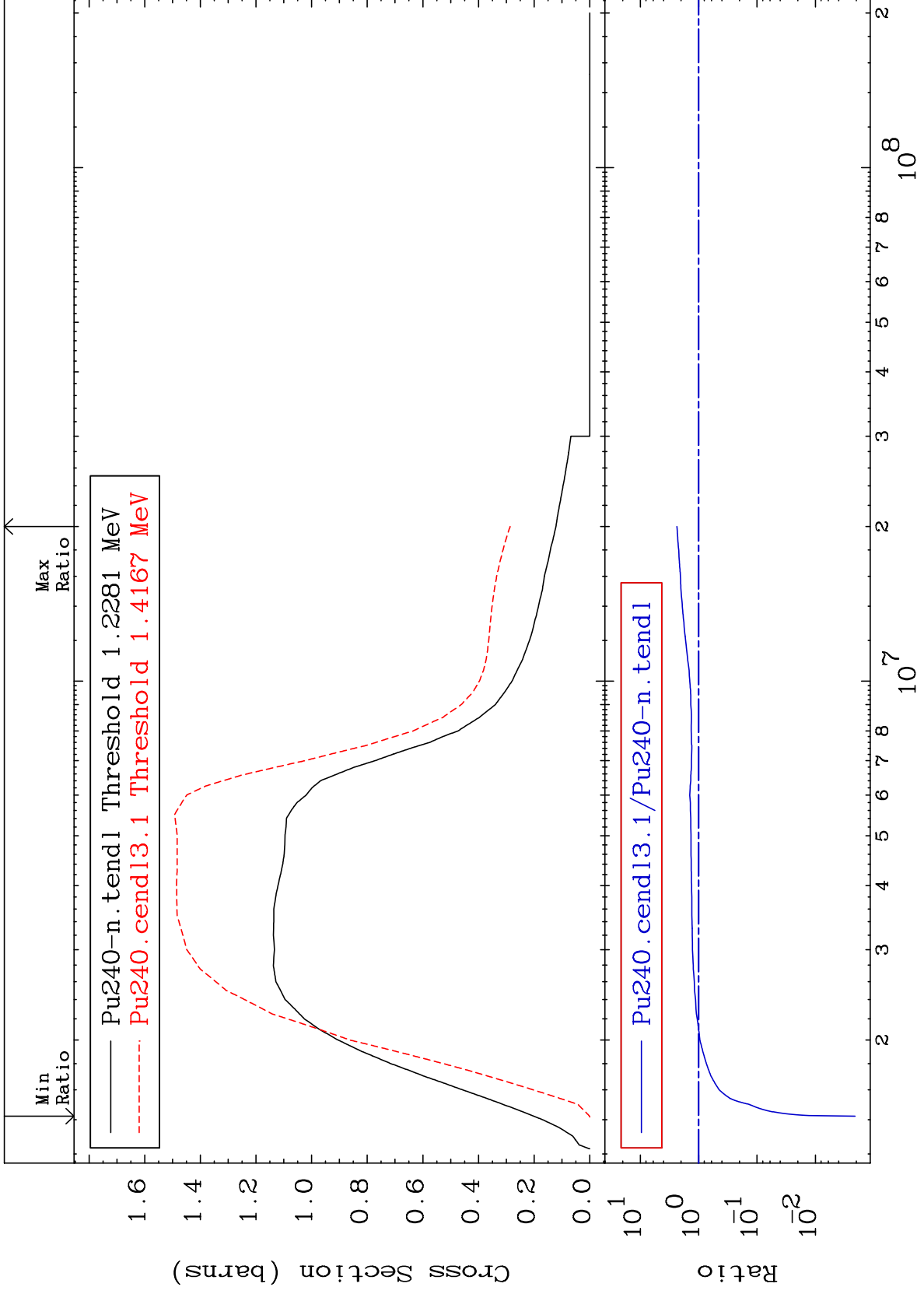


MAT 9440

1.223 MeV (n,n') Level
Cross Section

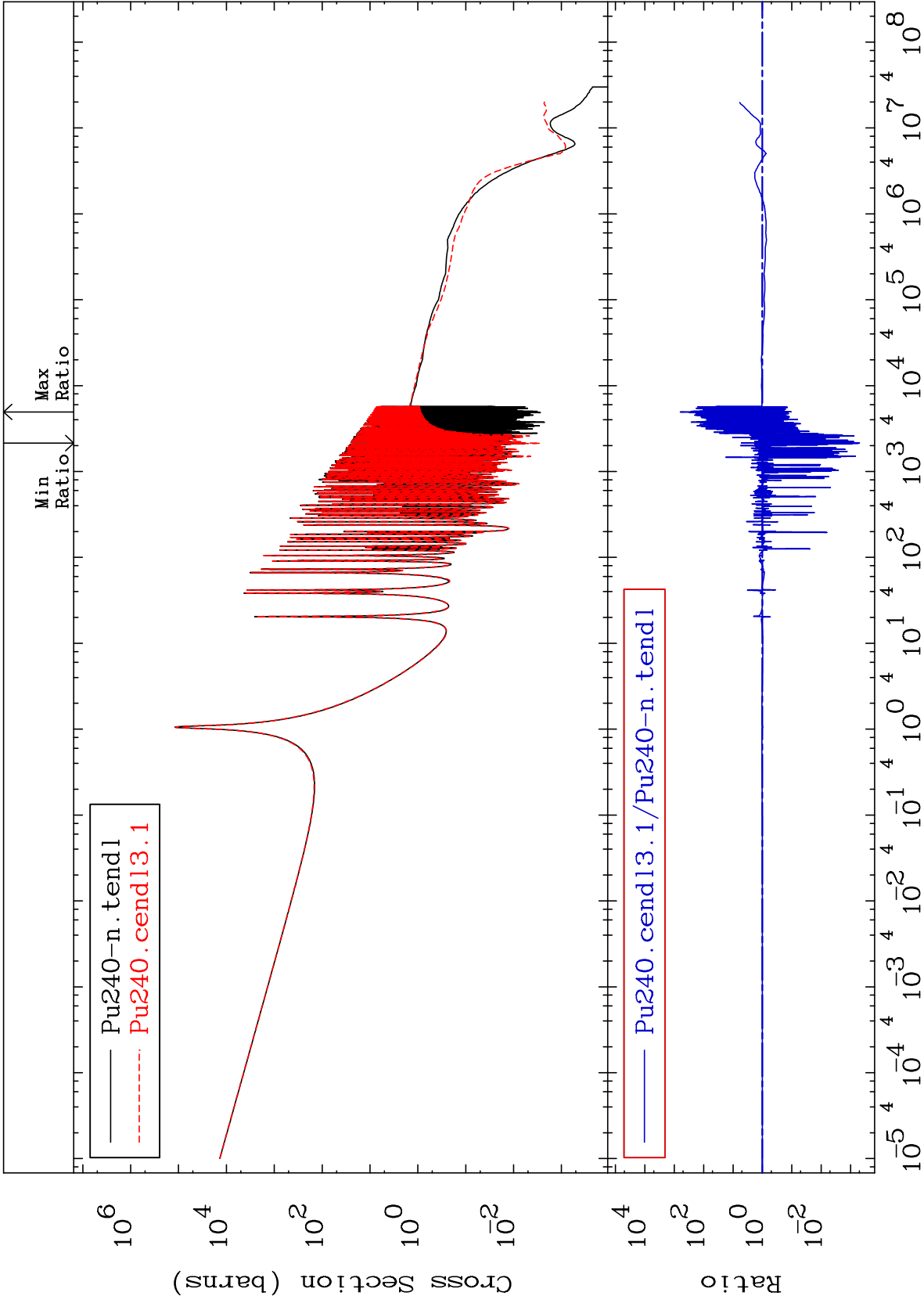
94-Pu-240
-99.77 To -38.46%





MAT 9440

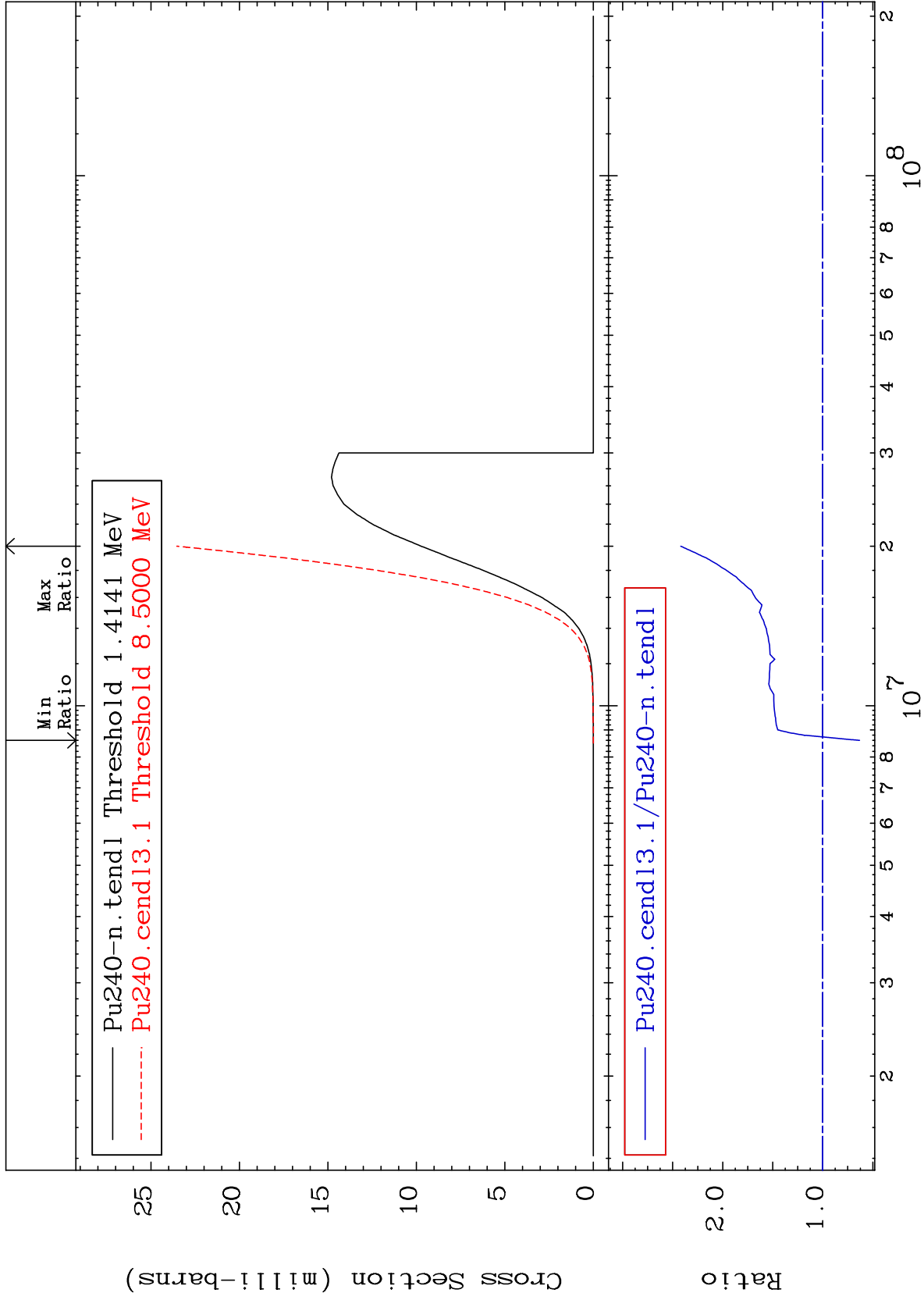
(n, γ)
Cross Section
94-Pu-240
-99.95 To 9999. %



MAT 9440

94-Pu-240

(n,p)
Cross Section
-36.76 To 141.9 %



39

Incident Energy (eV)

94-Pu-240

MAT 9440

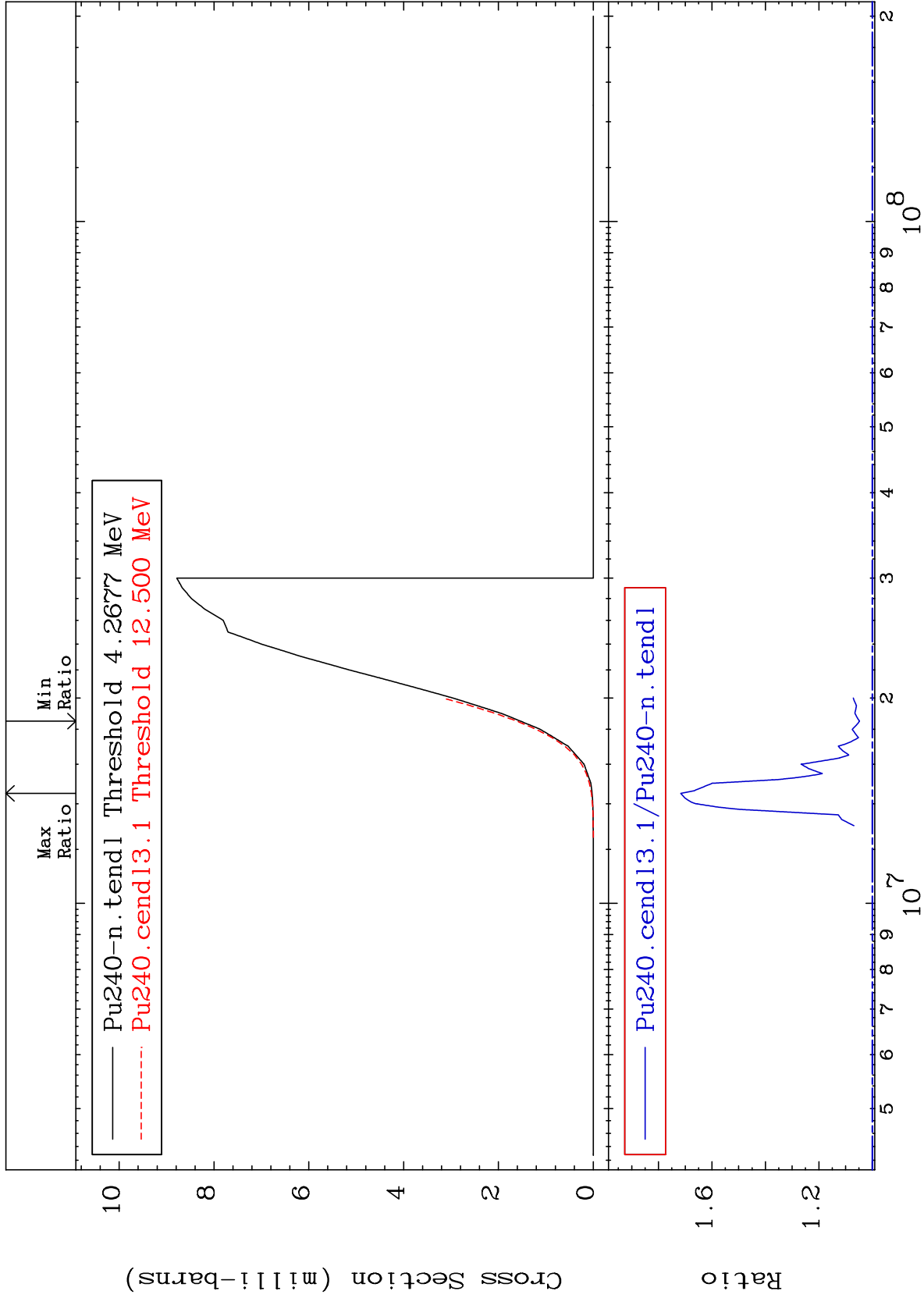
(n, d)

94-Pu-240

Cross Section

4.784

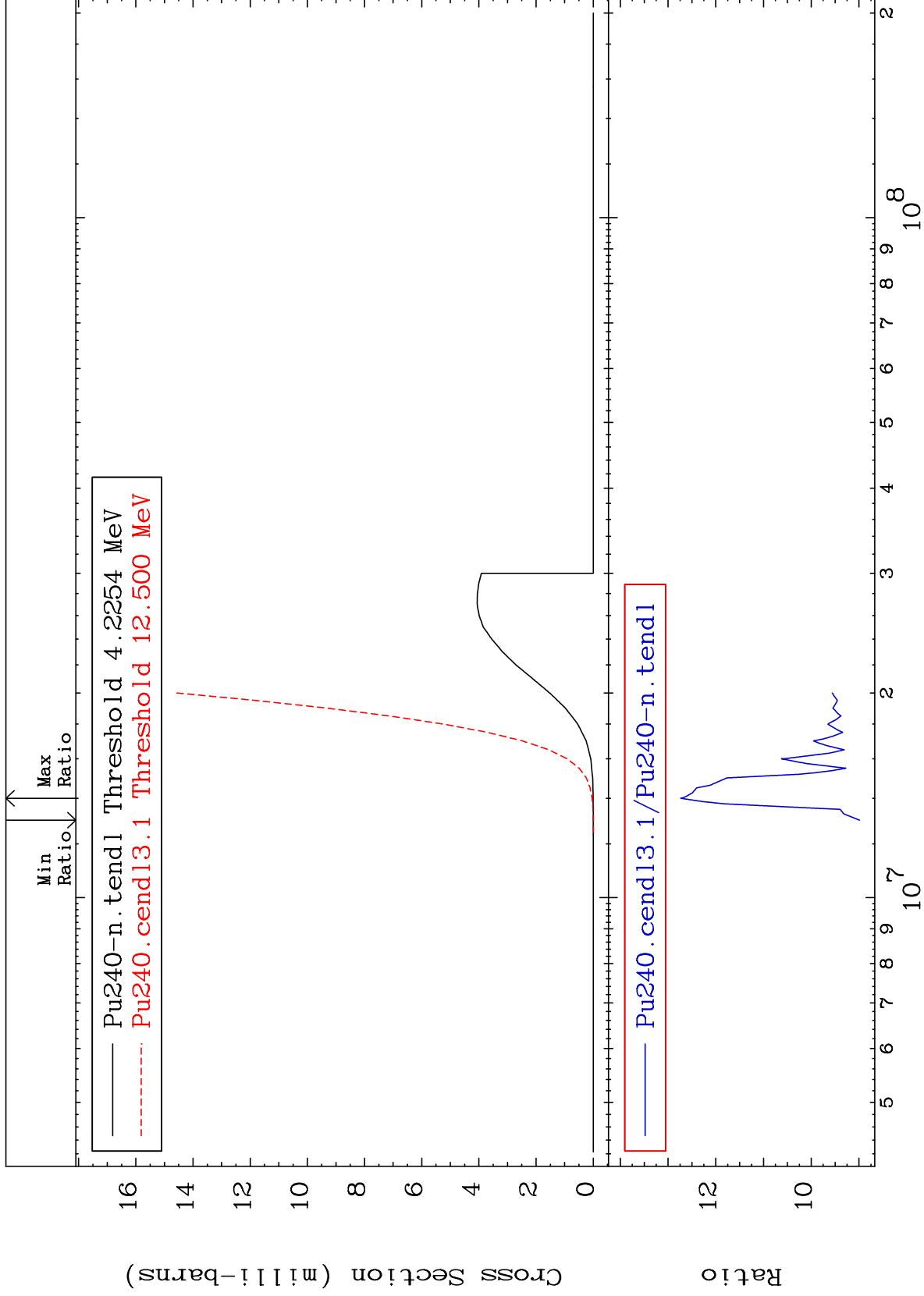
To 71.66 %



MAT 9440

(n, t)
Cross Section

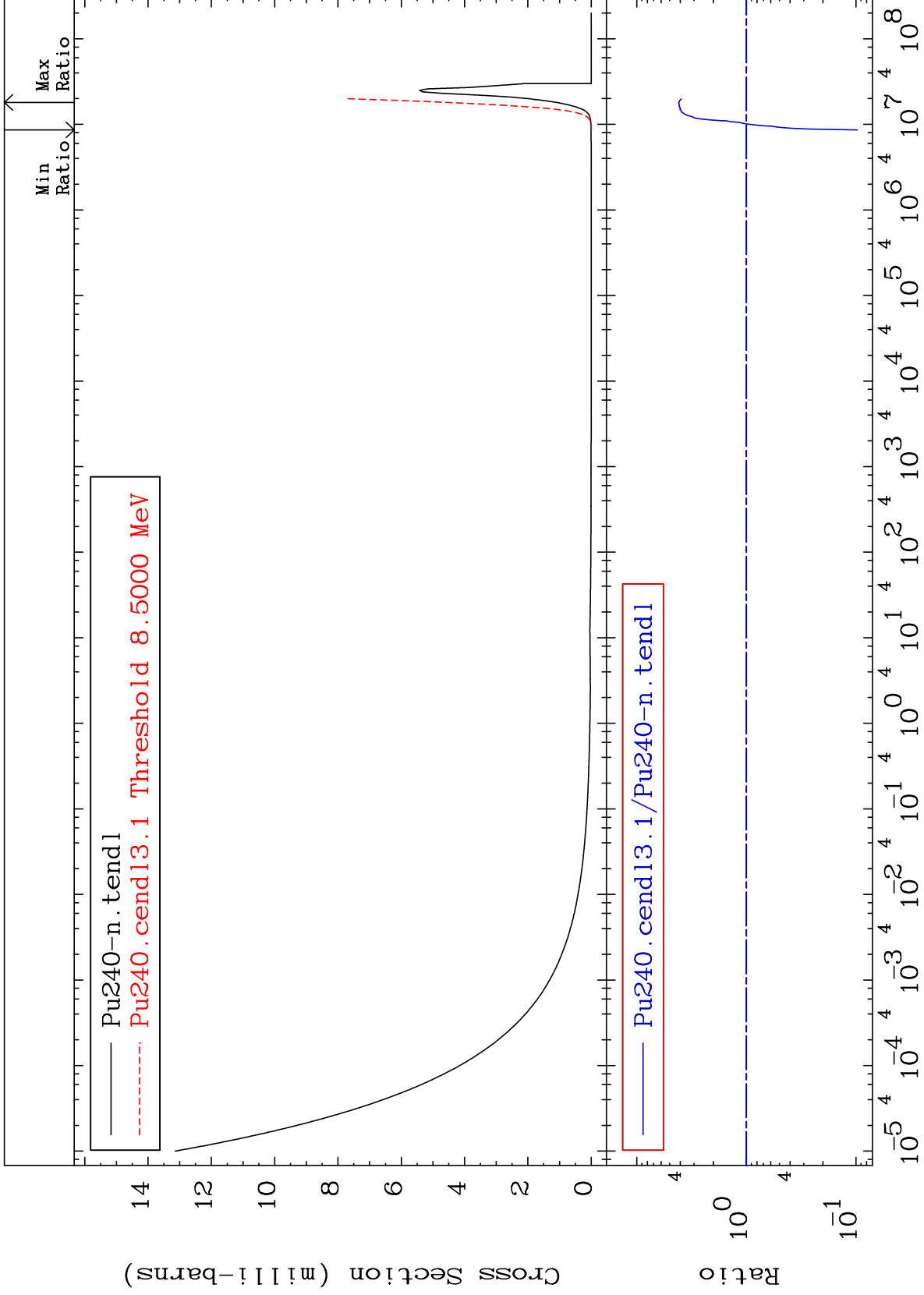
94-Pu-240
798.9 To 1173. %



MAT 9440

(n, α)
Cross Section

94-Pu-240
-90.25 To 314.5 %



Incident Energy (eV)

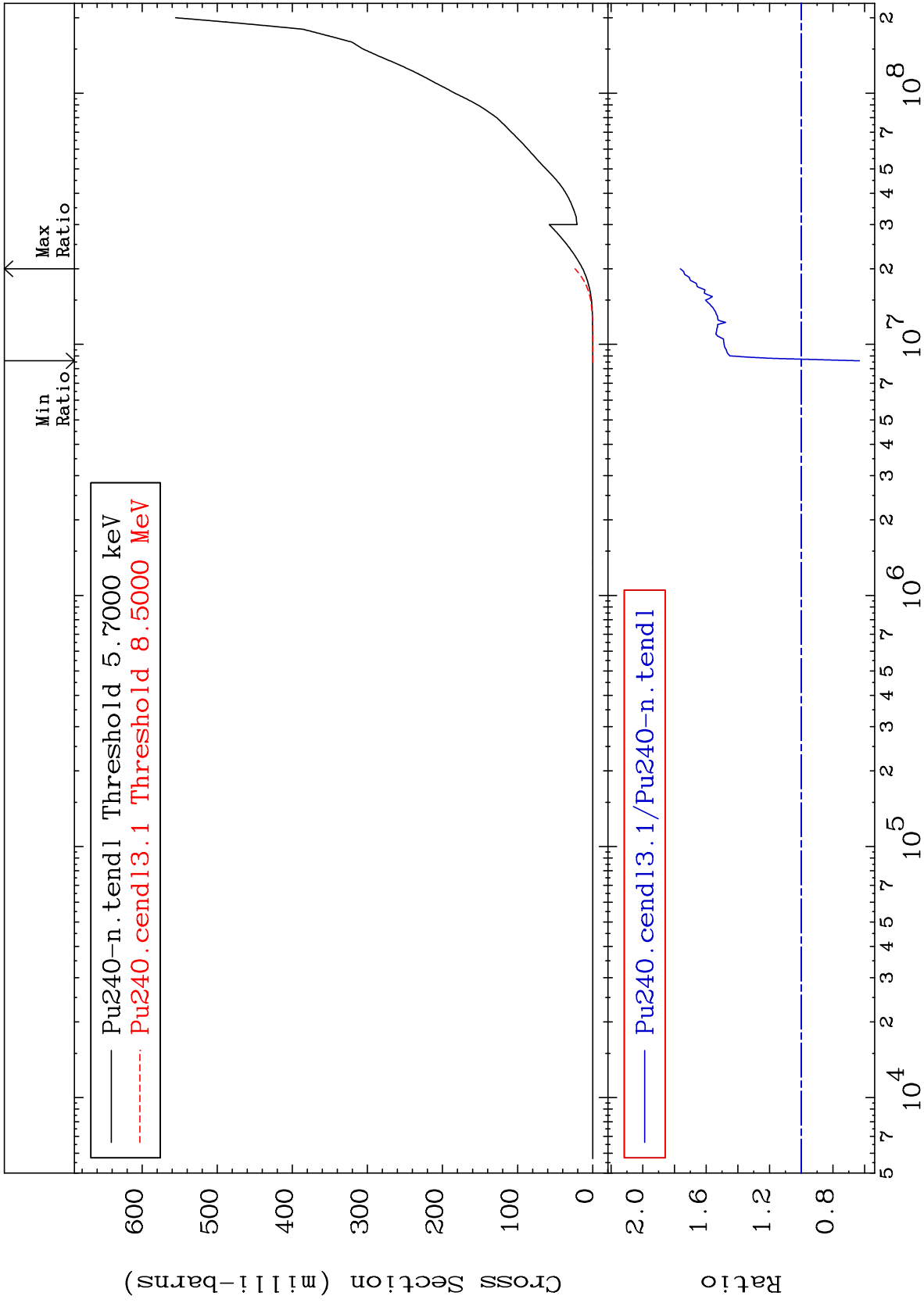
94-Pu-240

42

MAT 9440

Hydrogen Production Cross Section

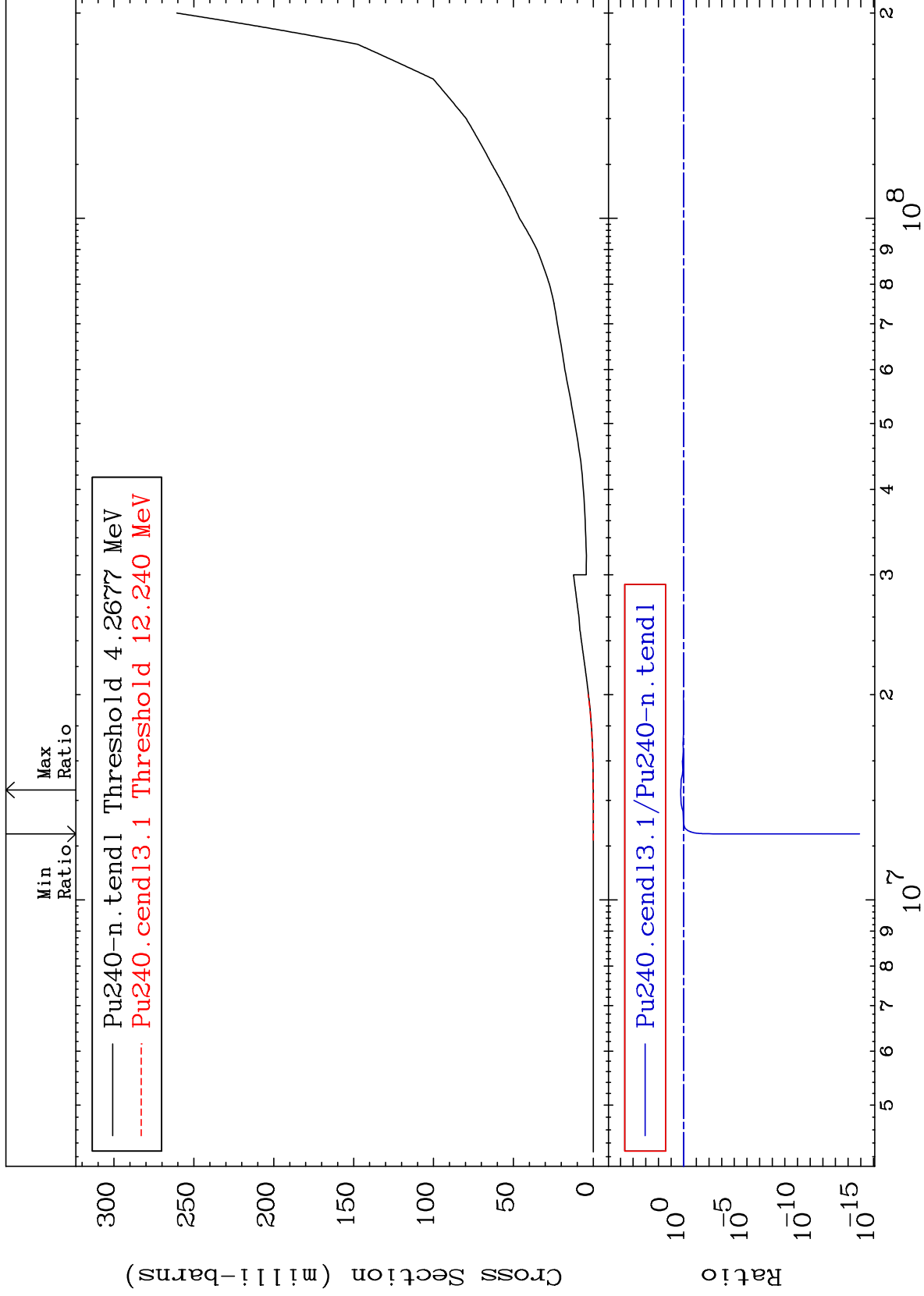
94-Pu-240
-36.76 To 76.27 %



MAT 9440

Deuterium Production
Cross Section

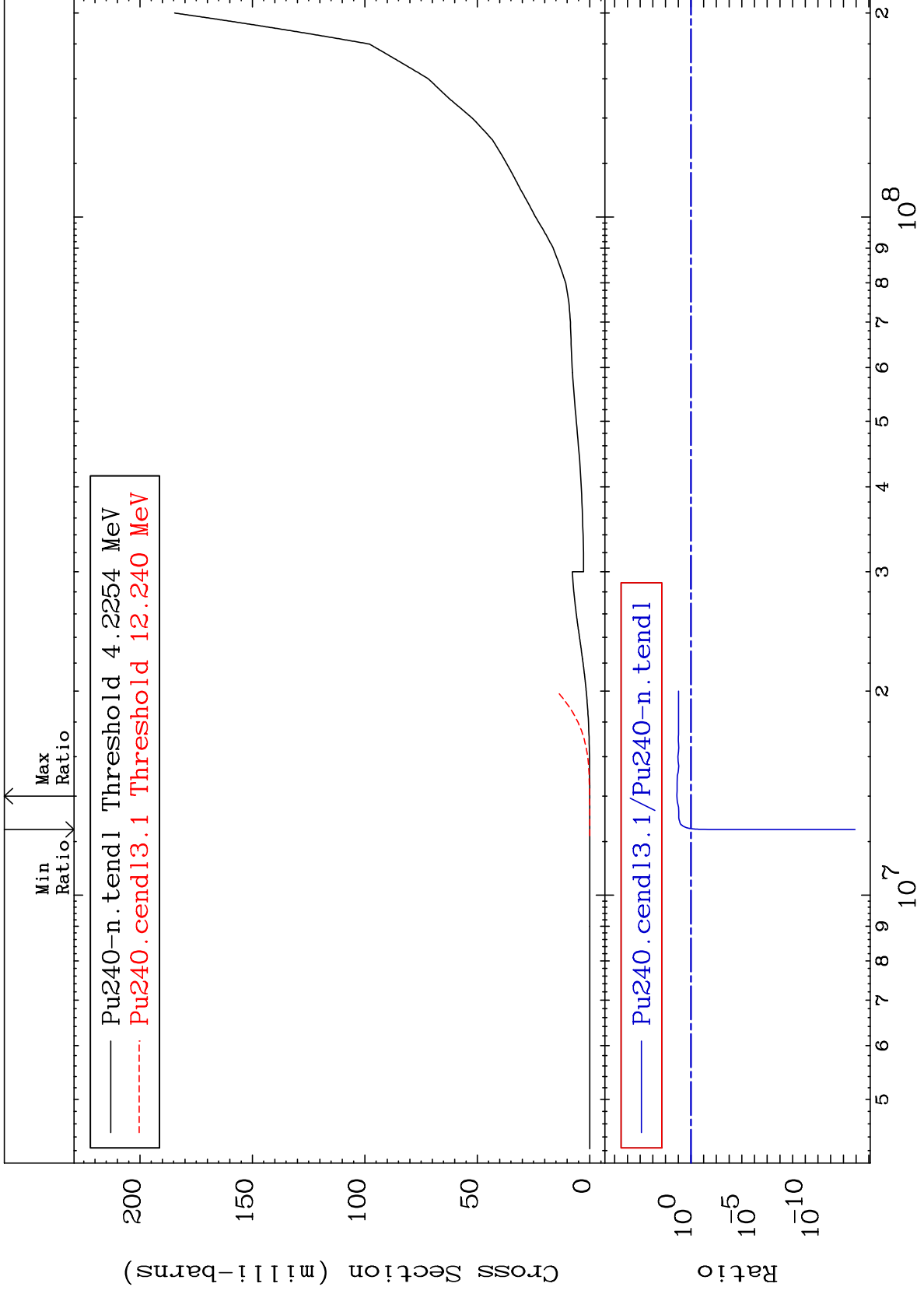
94-Pu-240
-100.0 To 71.66 %



MAT 9440

Tritium Production
Cross Section

94-Pu-240
-100.0 To 1173. %



45

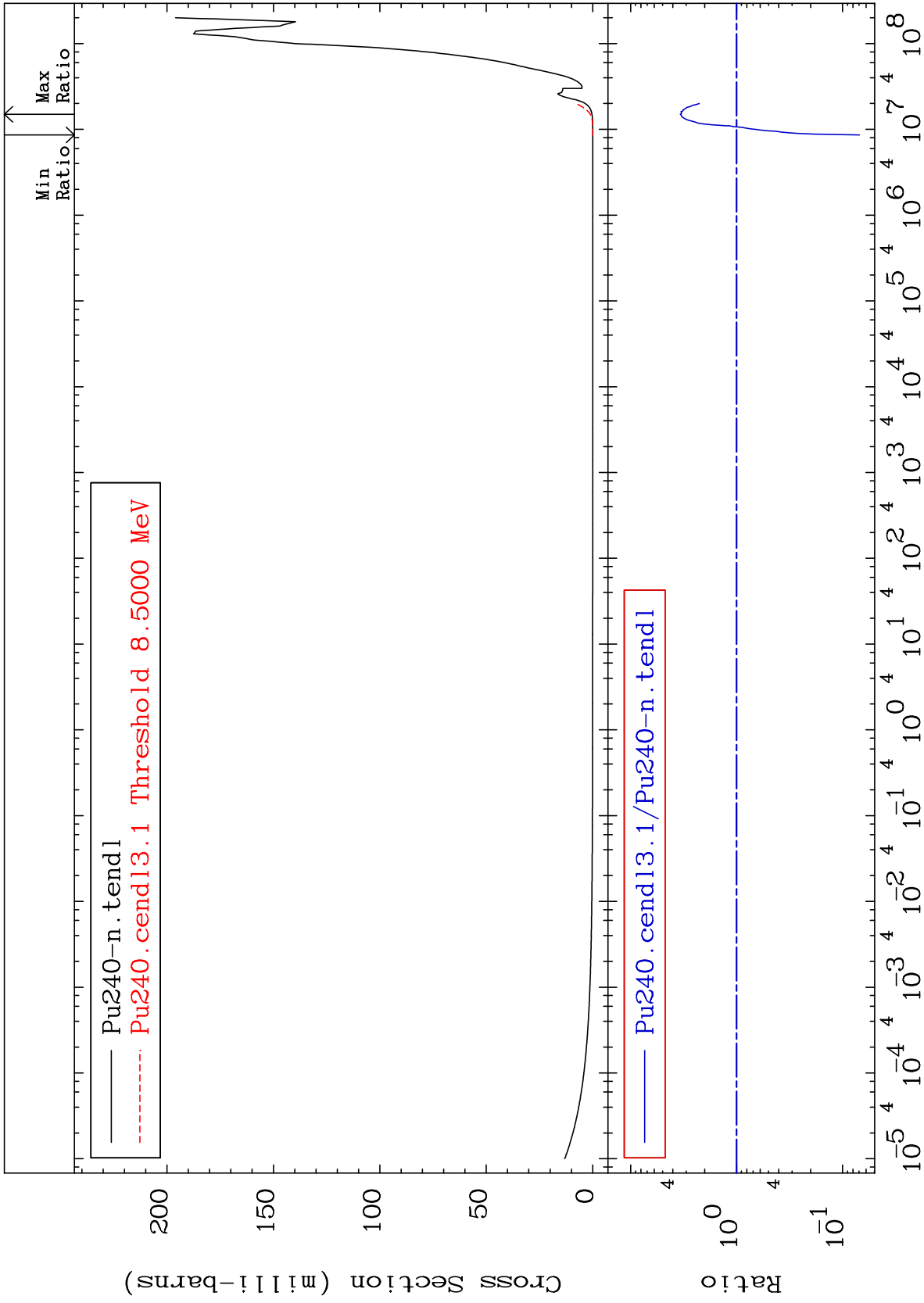
Incident Energy (eV)

94-Pu-240

MAT 9440

He-4 Production
Cross Section

94-Pu-240
-93.06 To 239.8 %



46

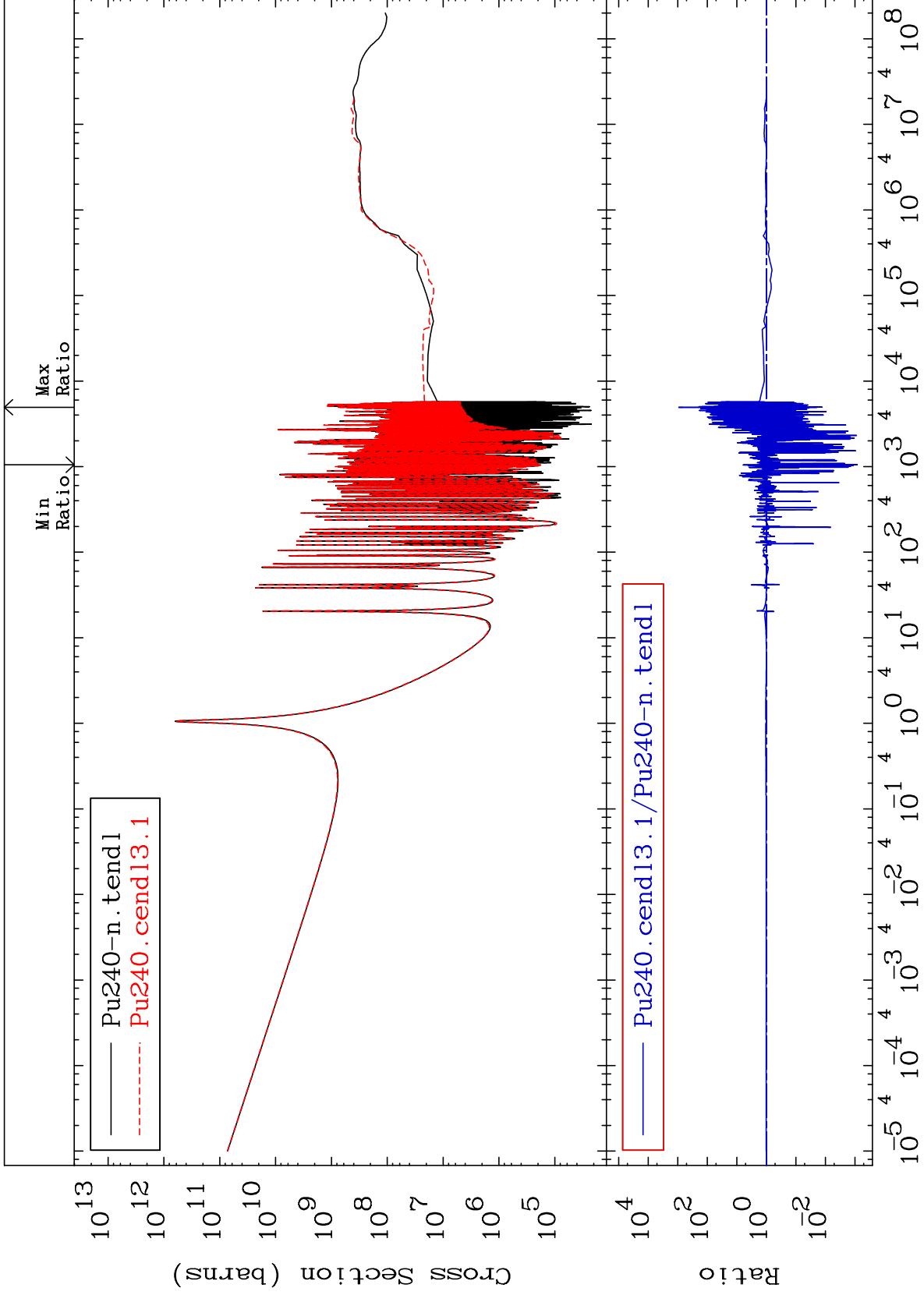
Incident Energy (eV)

94-Pu-240

MAT 9440

Kerma total (eV-barns)
Cross Section

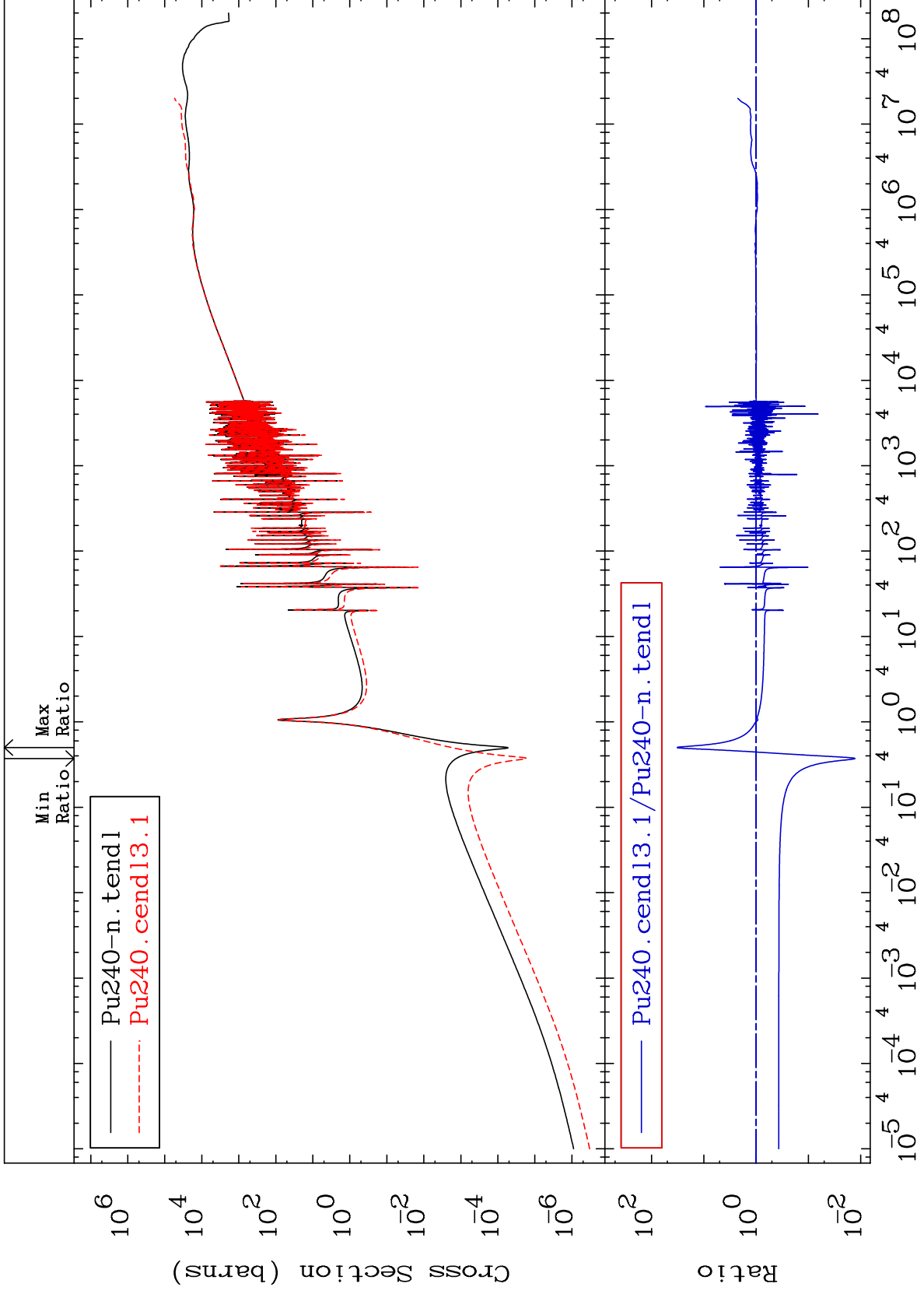
94-Pu-240
-99.92 To 9999. %

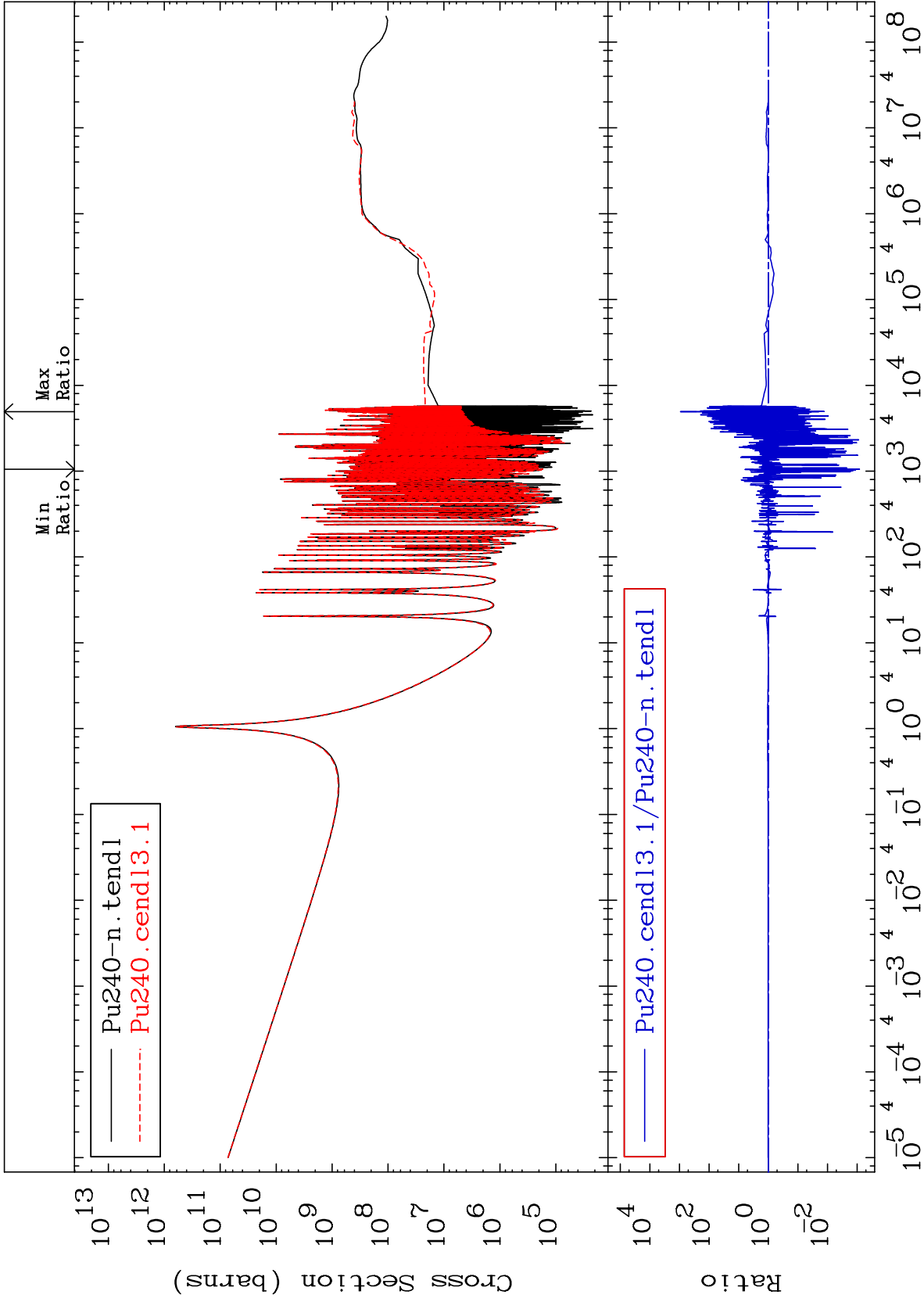


MAT 9440

Kerma elastic
Cross Section

94-Pu-240
-98.72 To 3173. %

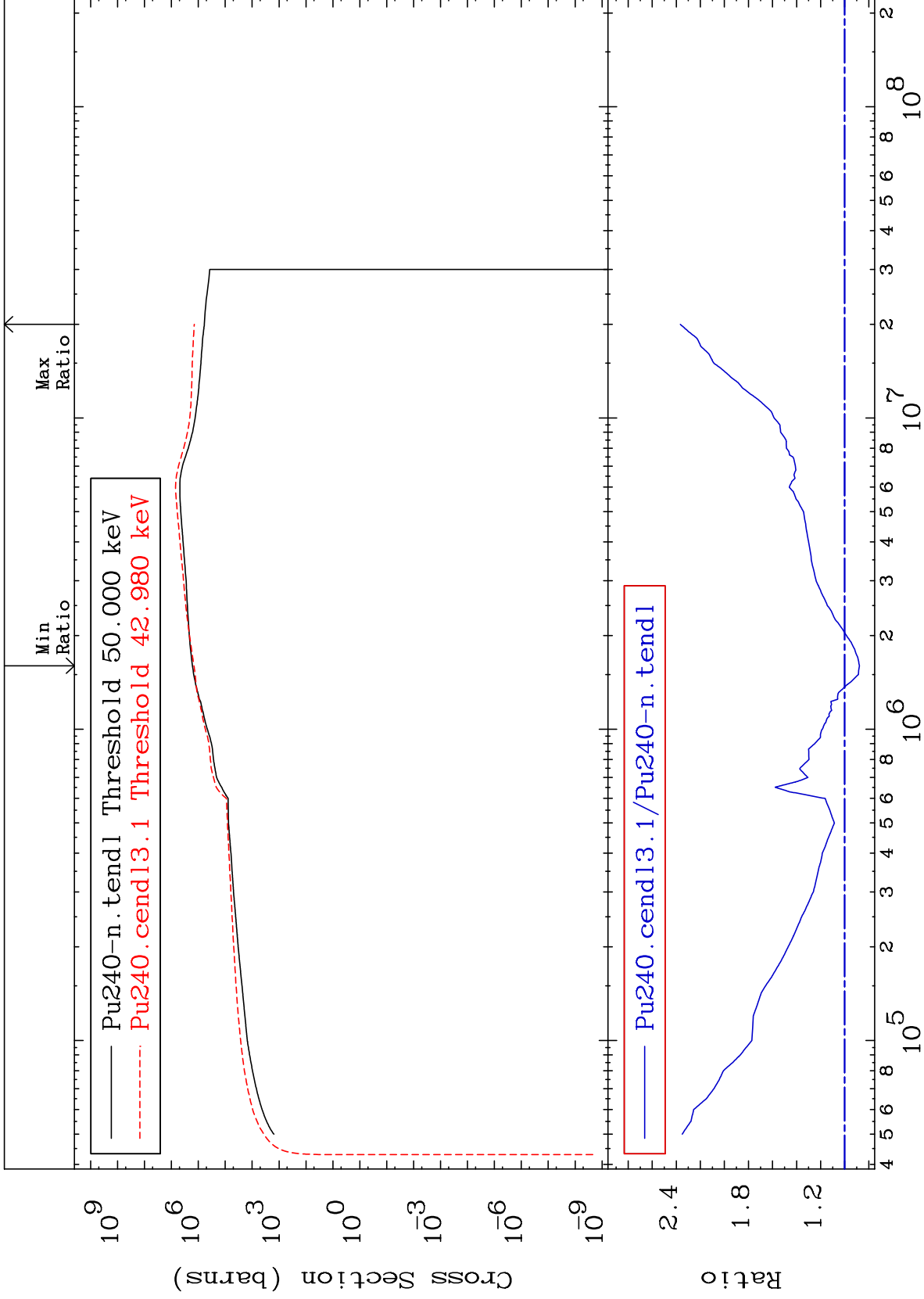




MAT 9440

Kerma inelastic (mt51-91)
Cross Section

94-Pu-240
-12.27 To 136.6 %



50

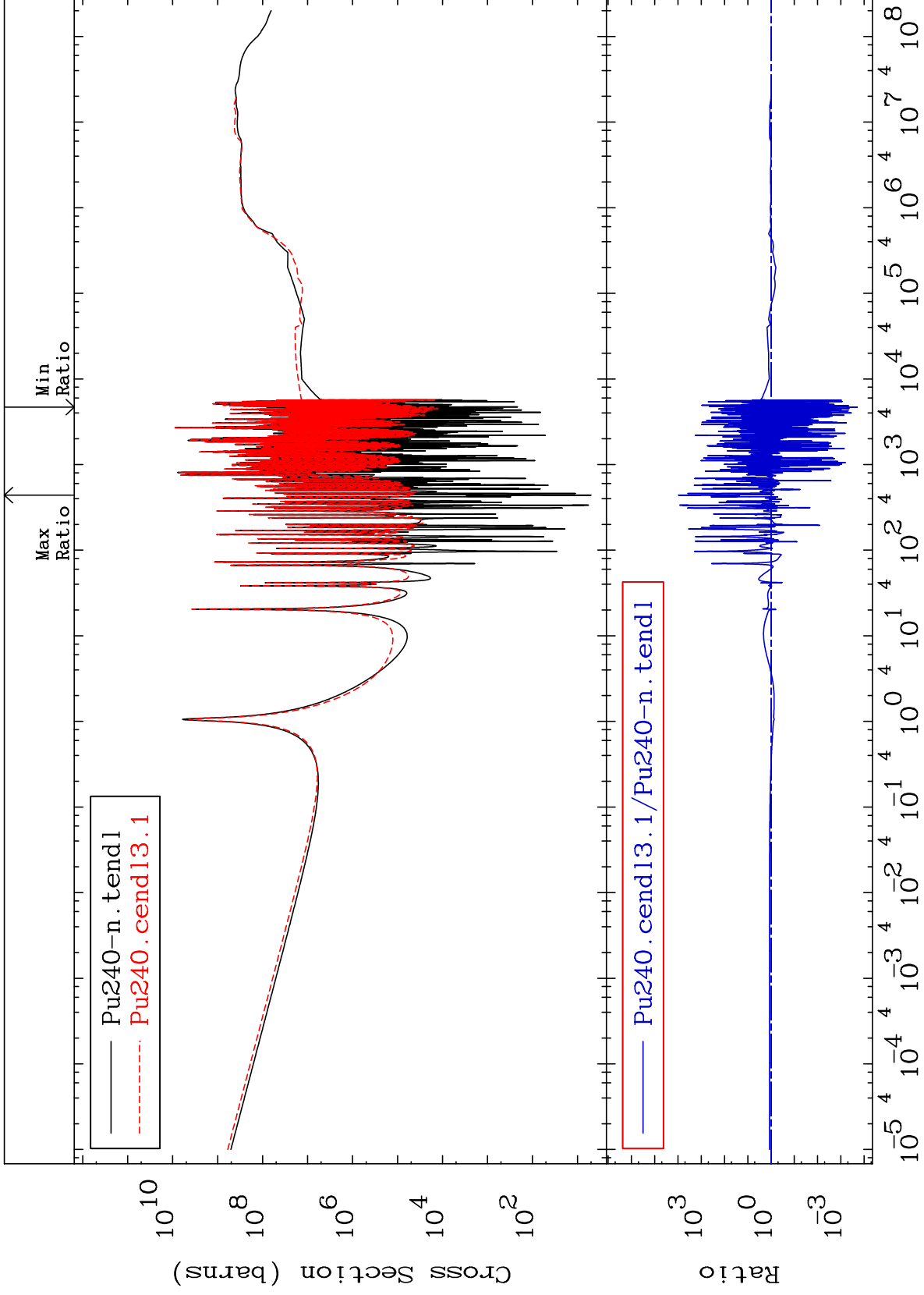
Incident Energy (eV)

94-Pu-240

MAT 9440

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

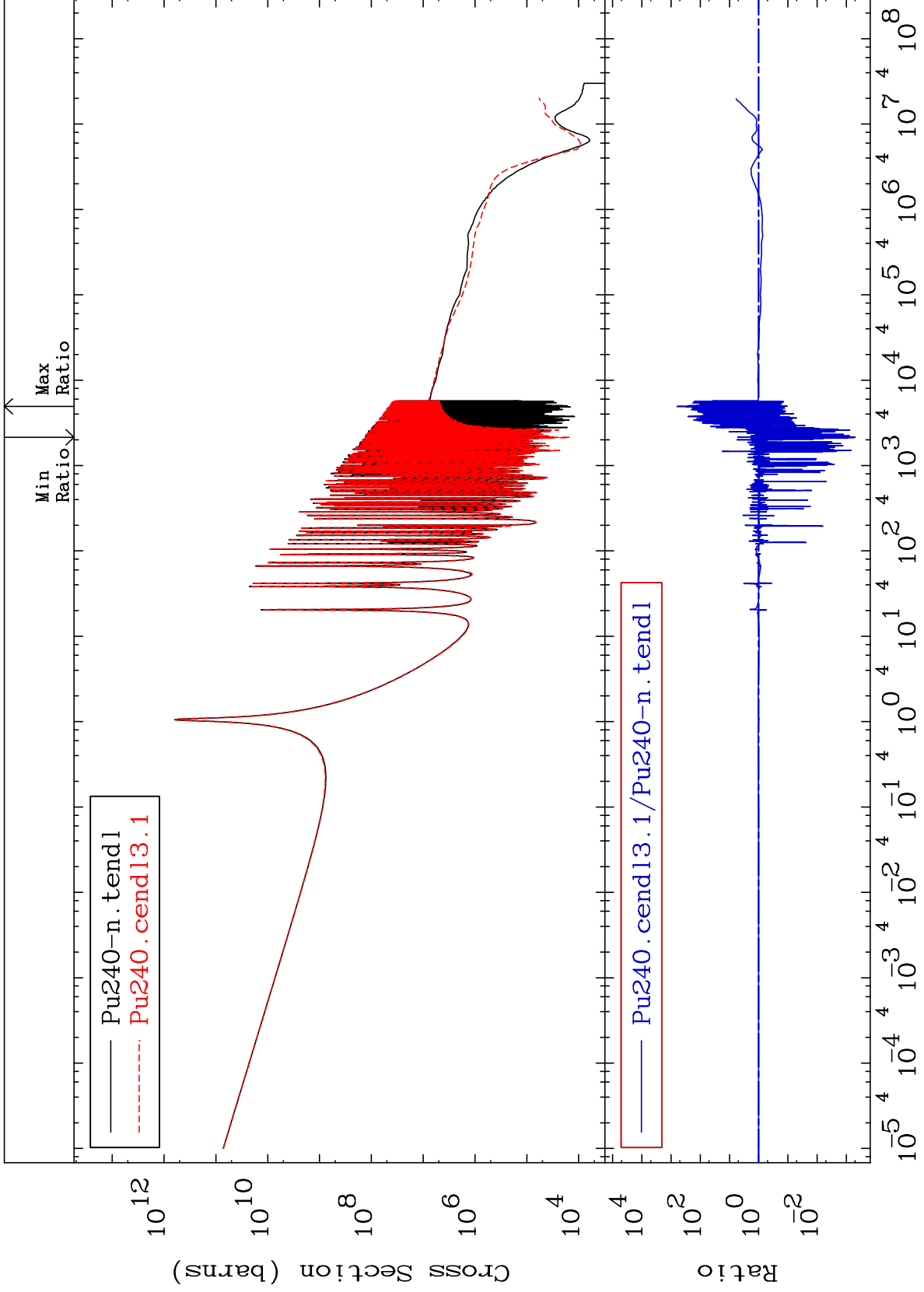
94-Pu-240
-99.98 To 9999. %



MAT 9440

Kerma capture (mt102)
Cross Section

94-Pu-240
-99.95 To 9999. %

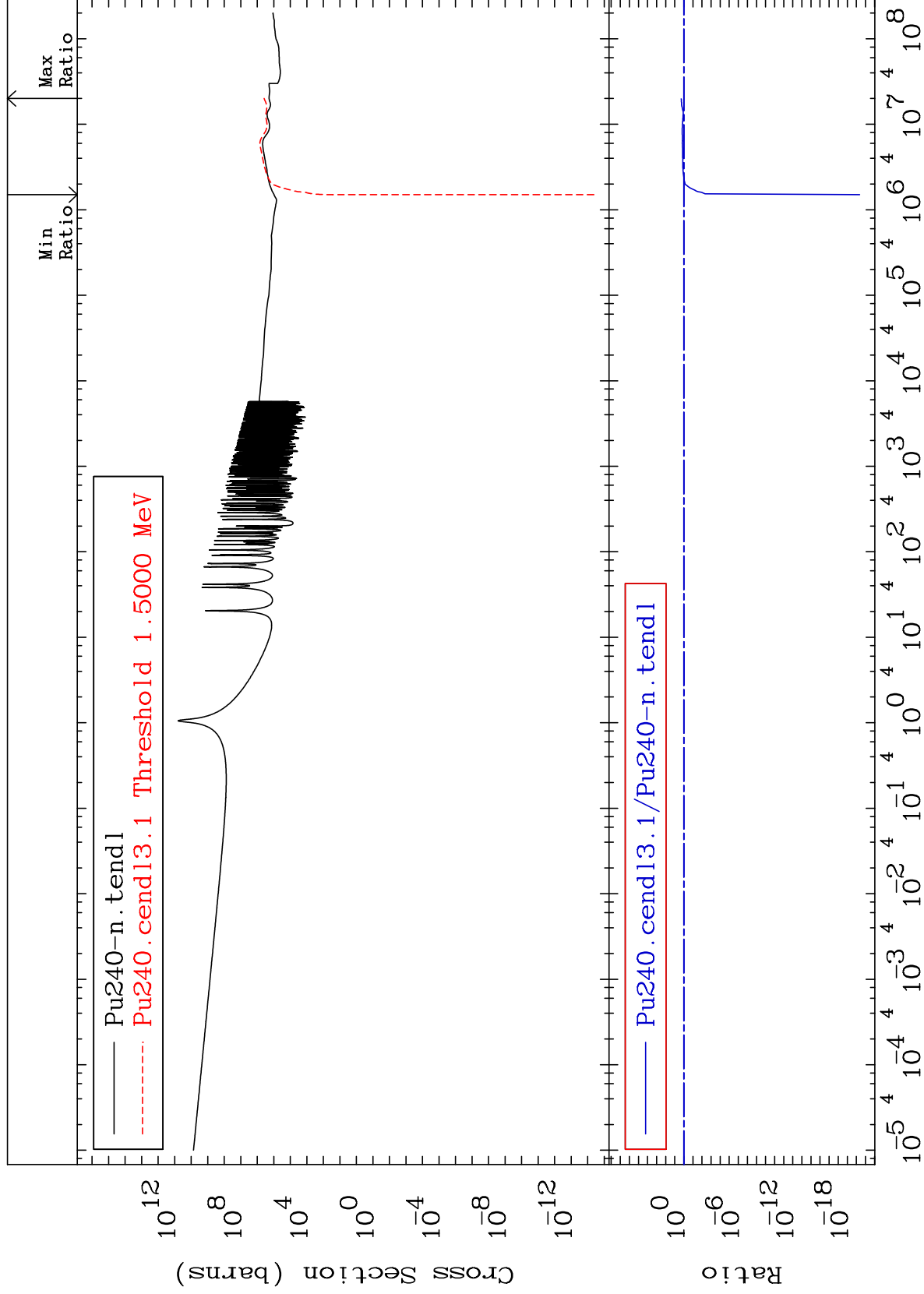


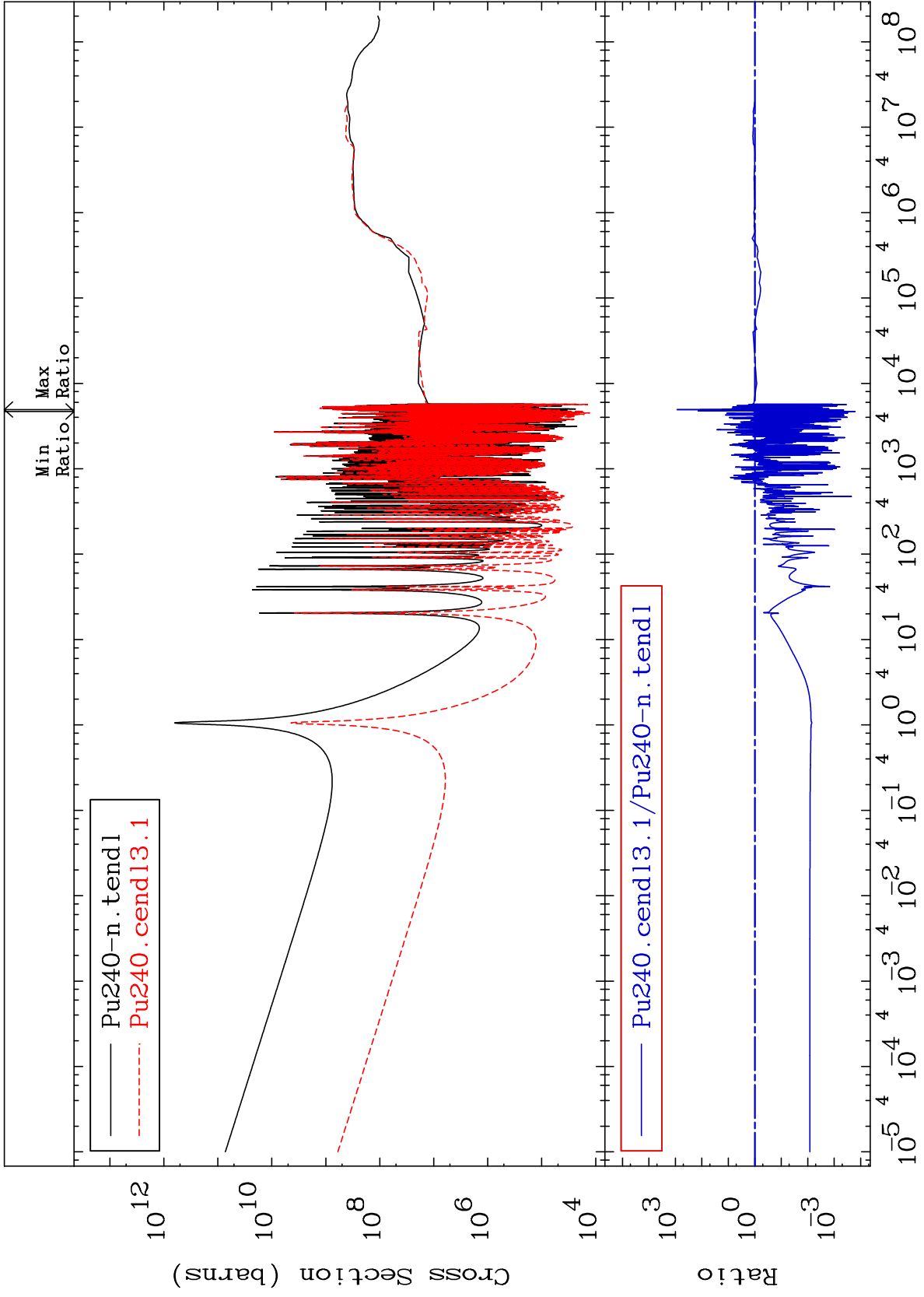
MAT 9440

Total photon (eV-barns)
Cross Section

94-Pu-240

-100.0 To 96.20 %





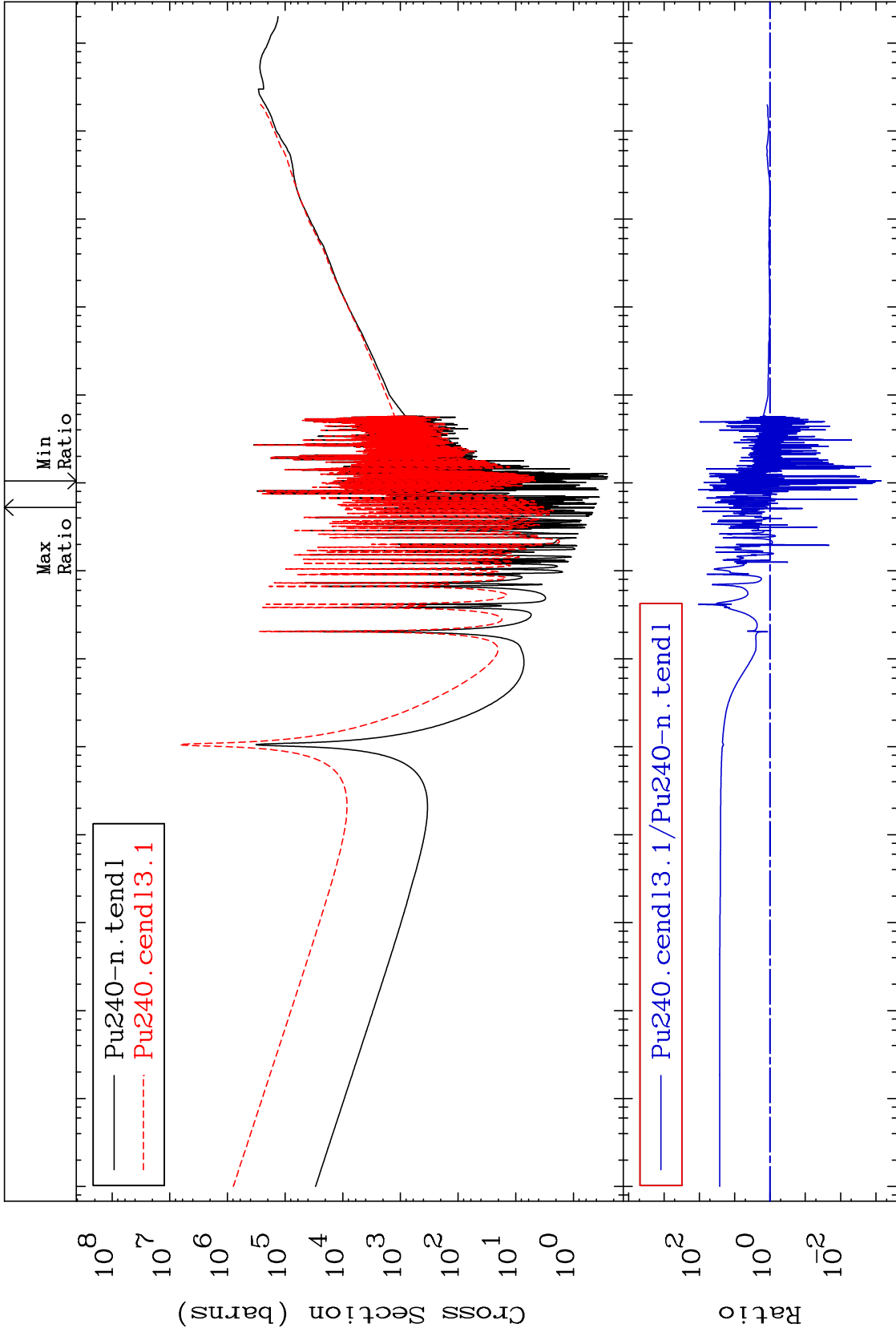
MAT 9440

Dpa total (eV-barns)

94-Pu-240

-99.93 To 9999. %

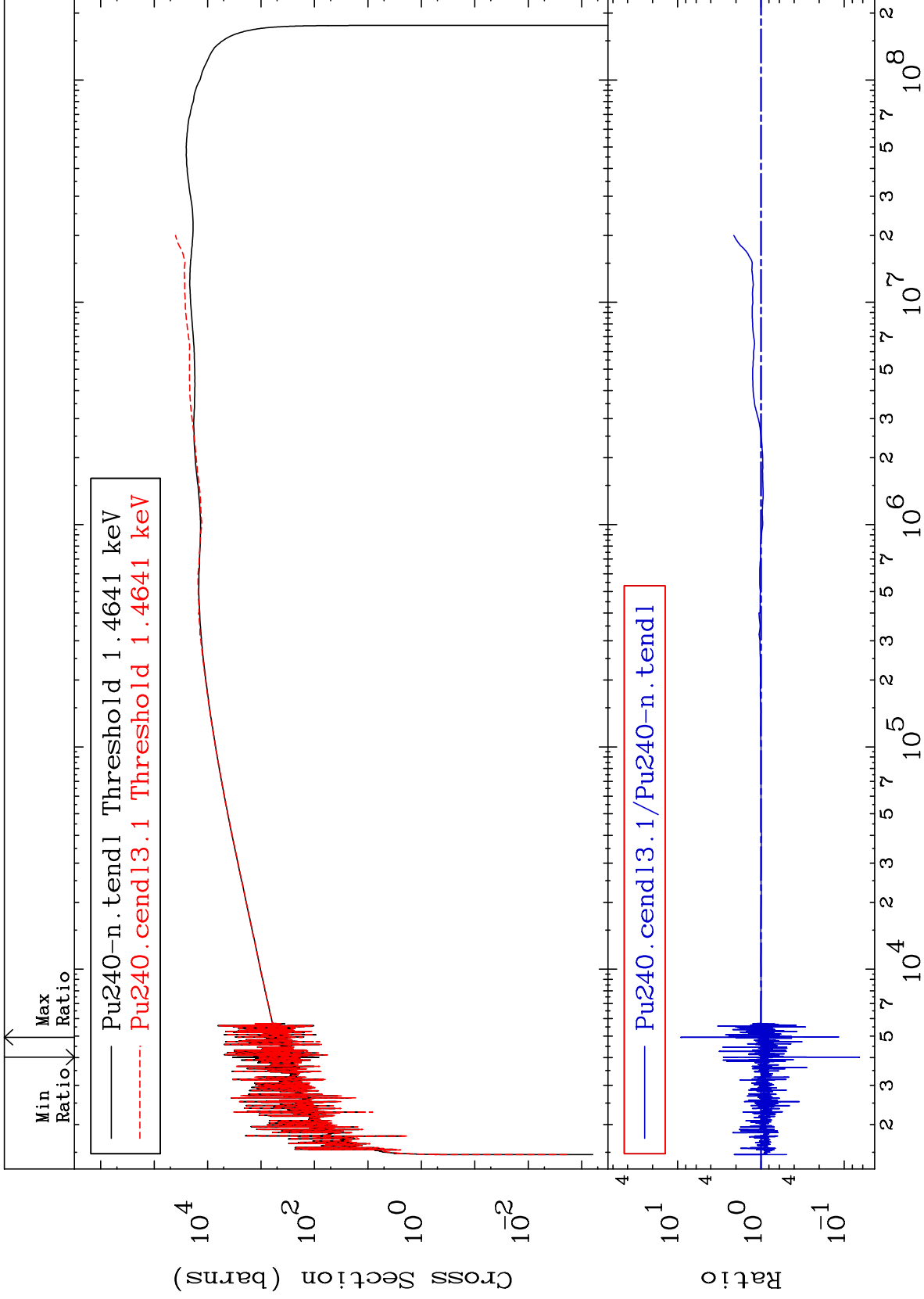
Cross Section



MAT 9440

Dpa elastic (mt2)
Cross Section

94-Pu-240
-93.43 To 828.7 %



MAT 9440

Dpa inelastic (mt51-91)
Cross Section

94-Pu-240
-2.350 To 136.7 %

