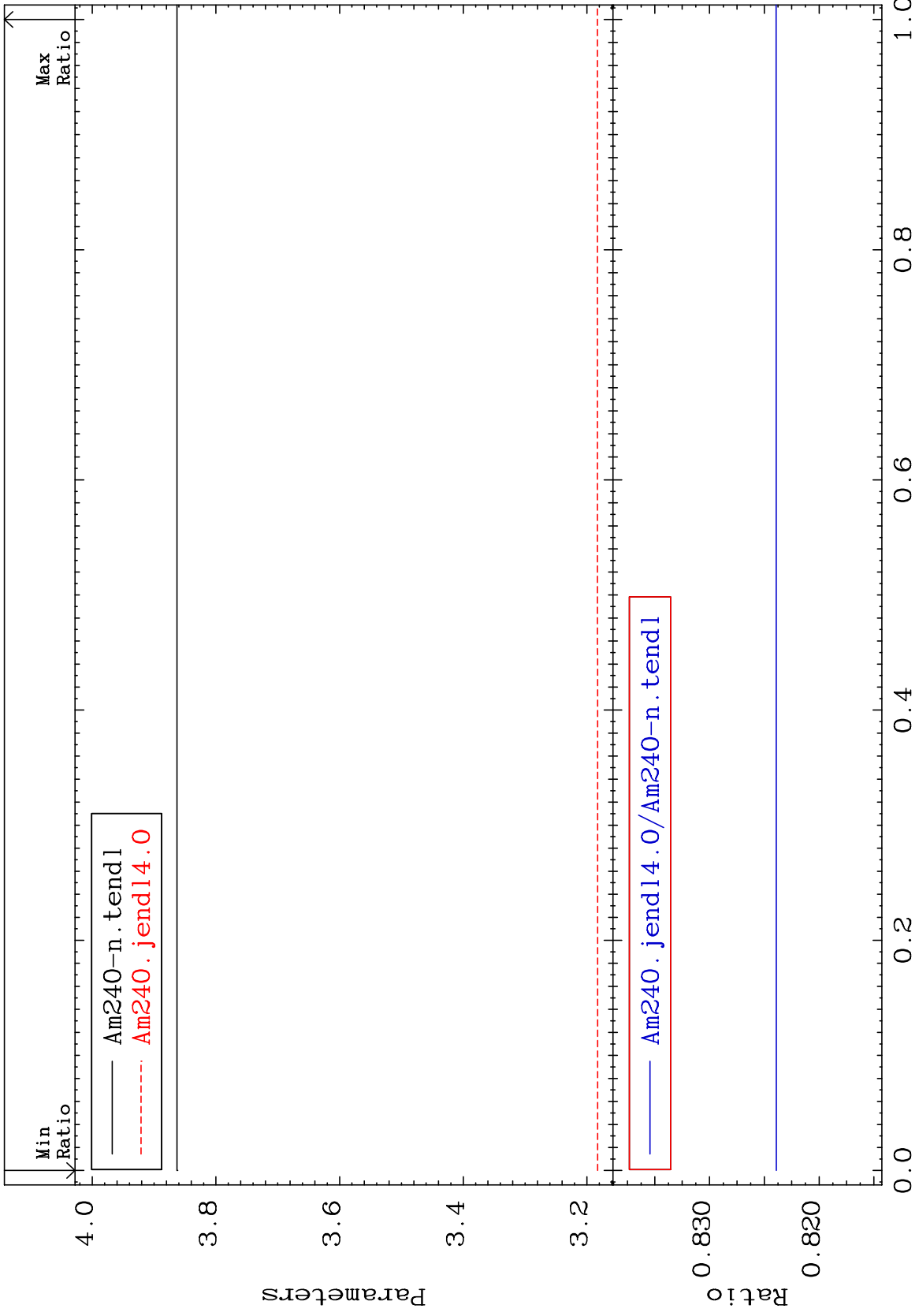


MAT 9540

Total  $\bar{\nu}$   
Parameters

95-Am-240  
-17.61 To -17.61%



1

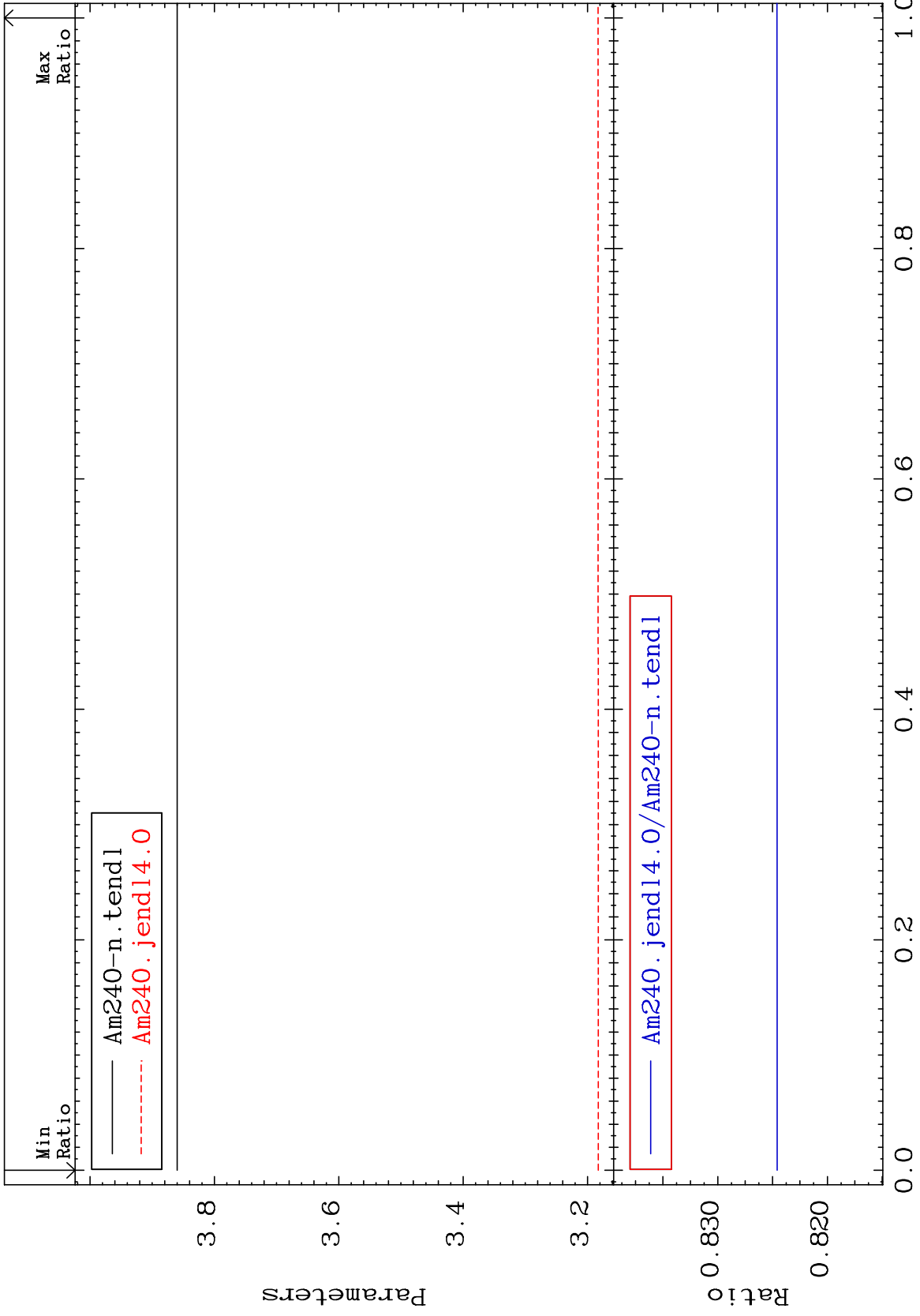
Incident Energy (KeV)

95-Am-240

MAT 9540

Prompt  $\bar{\nu}$   
Parameters

95-Am-240  
-17.54 To -17.54%



2

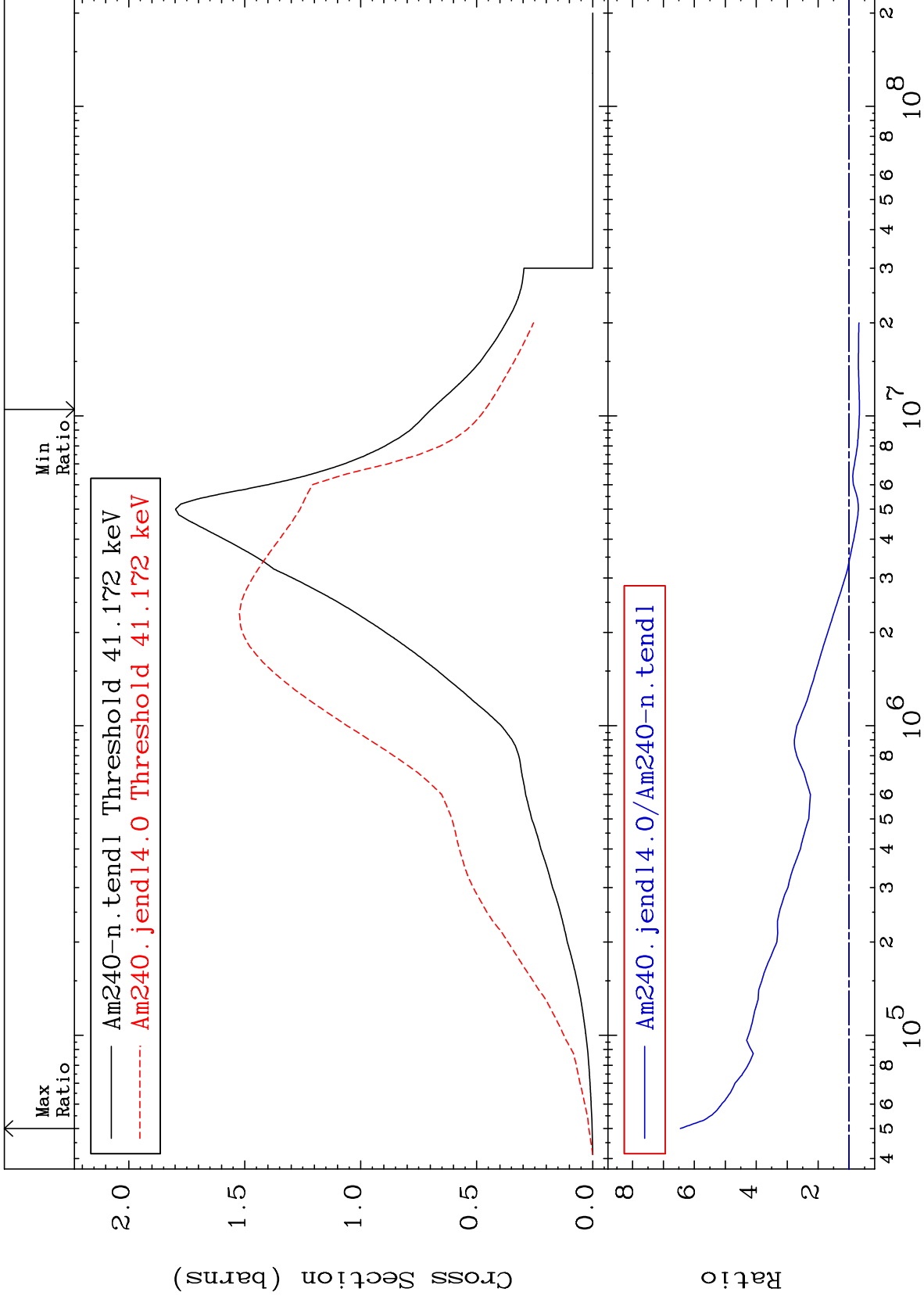
Incident Energy (KeV)

95-Am-240

MAT 9540

Inelastic  
Cross Section

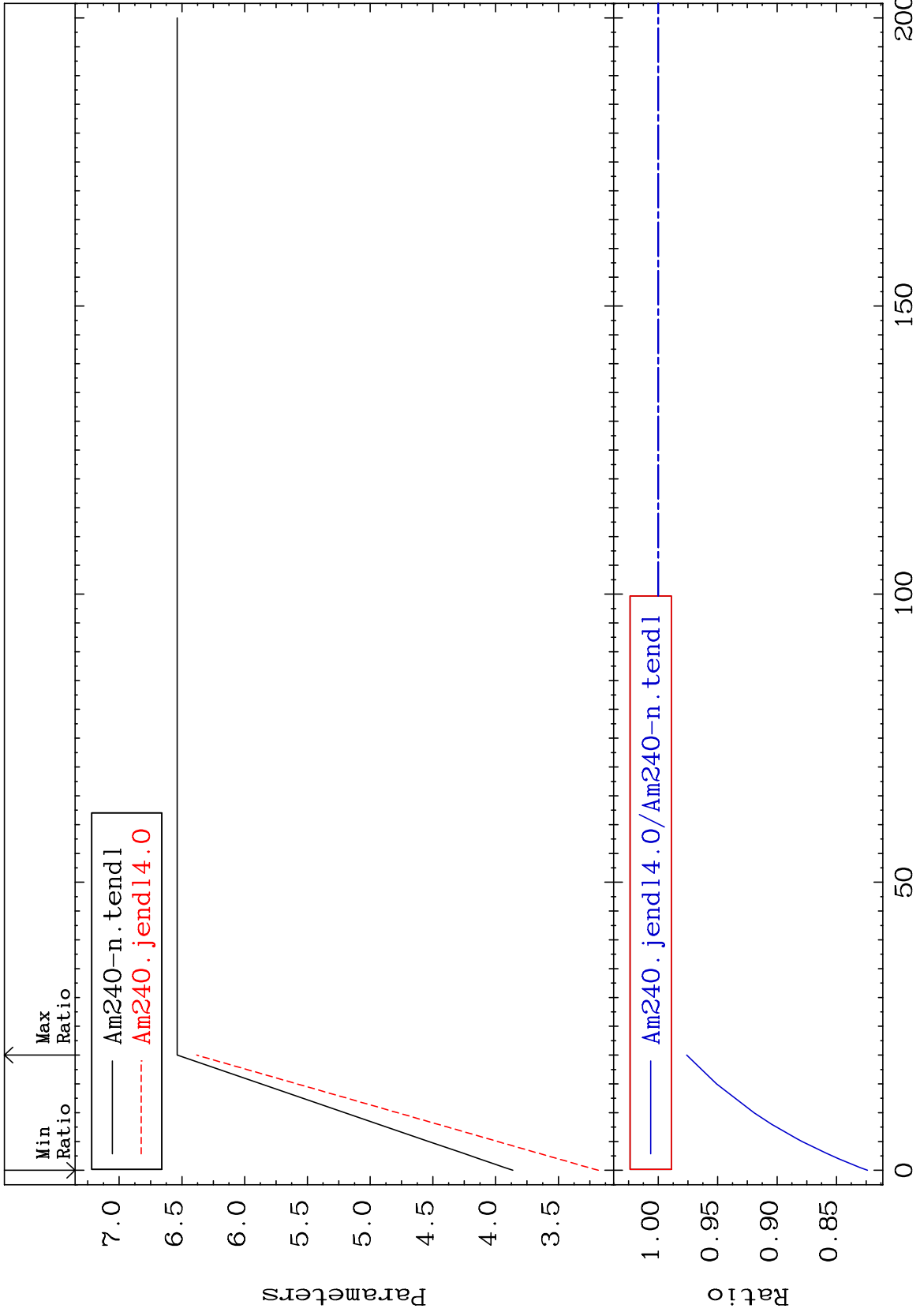
95-Am-240  
-33.44 To 545.3 %



MAT 9540

Total  $\bar{\nu}$   
Parameters

95-Am-240  
-17.61 To -2.395%



1

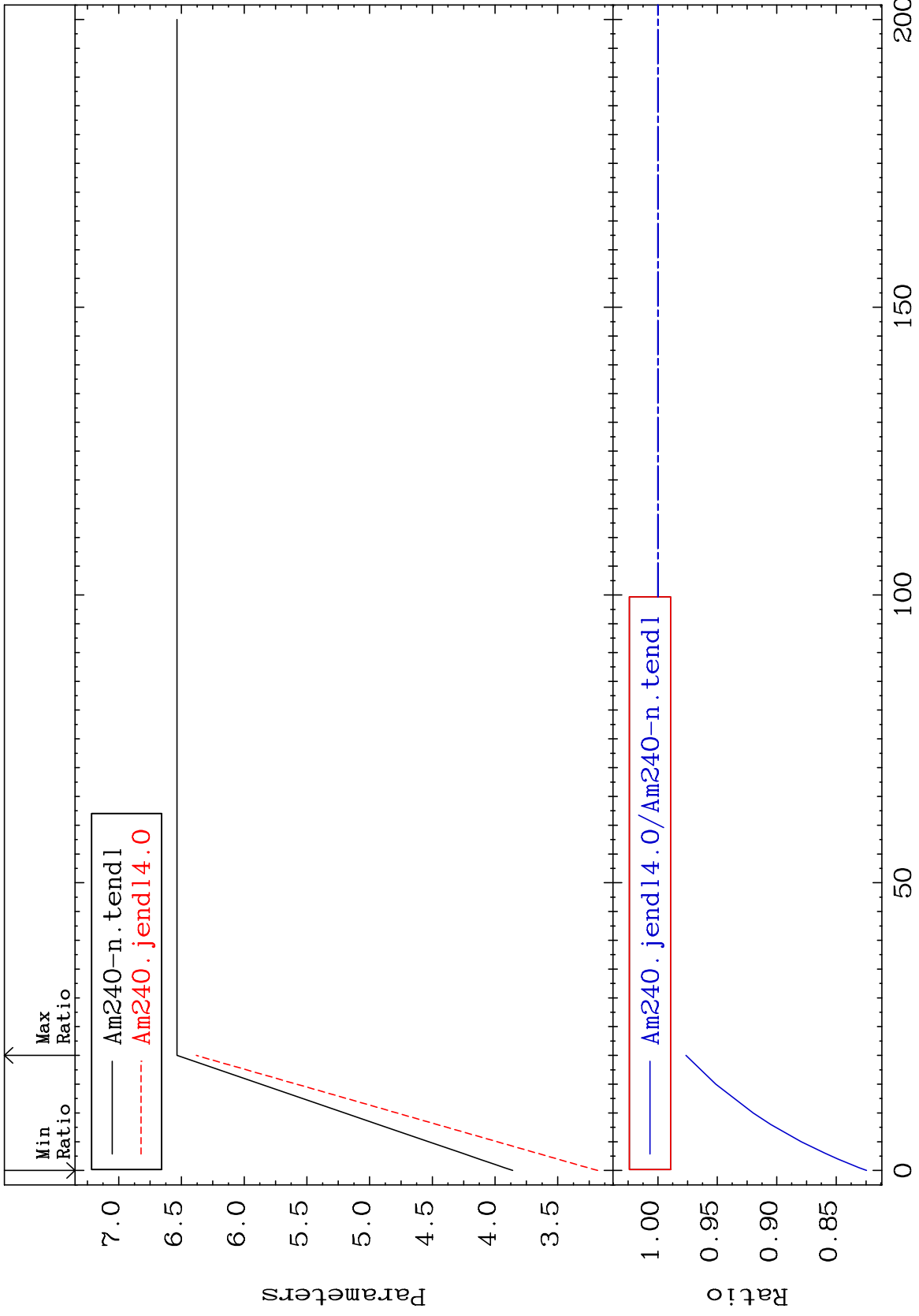
Incident Energy (MeV)

95-Am-240

MAT 9540

Prompt  $\bar{\nu}$   
Parameters

95-Am-240  
-17.54 To -2.362%



2

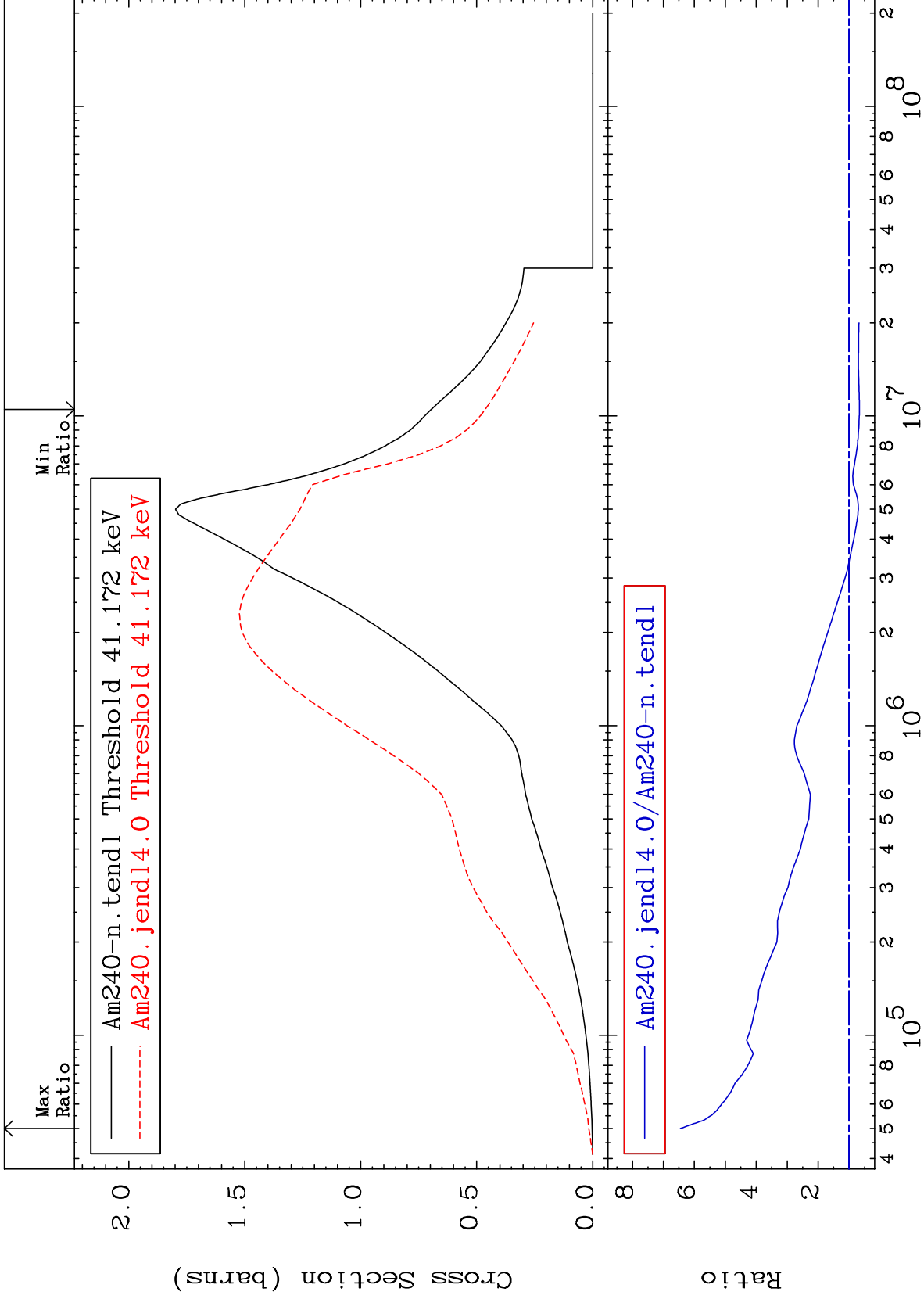
Incident Energy (MeV)

95-Am-240

MAT 9540

Inelastic  
Cross Section

95-Am-240  
-33.44 To 545.3 %



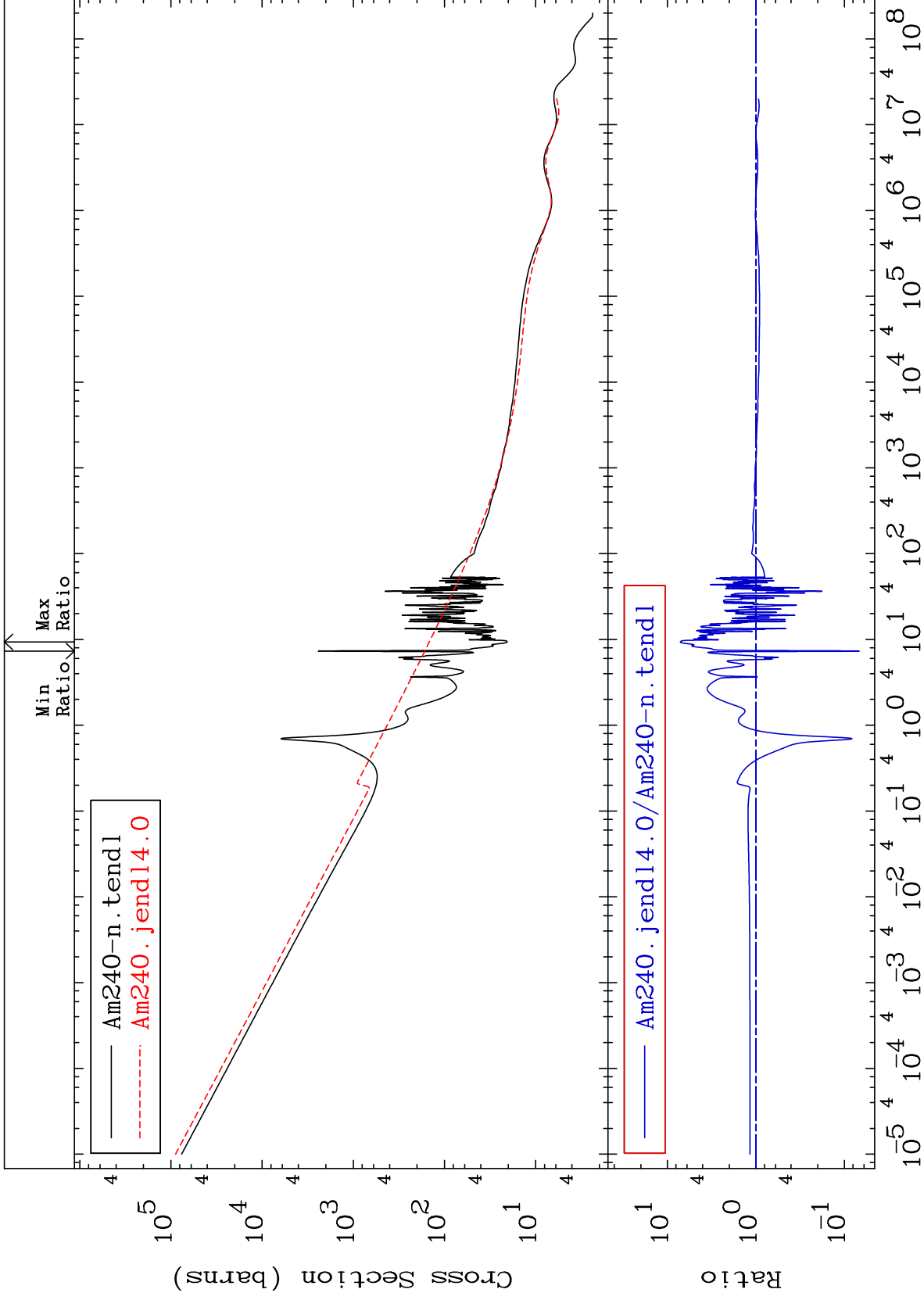
MAT 9540

Total

95-Am-240

Cross Section

-93.24 To 614.4 %



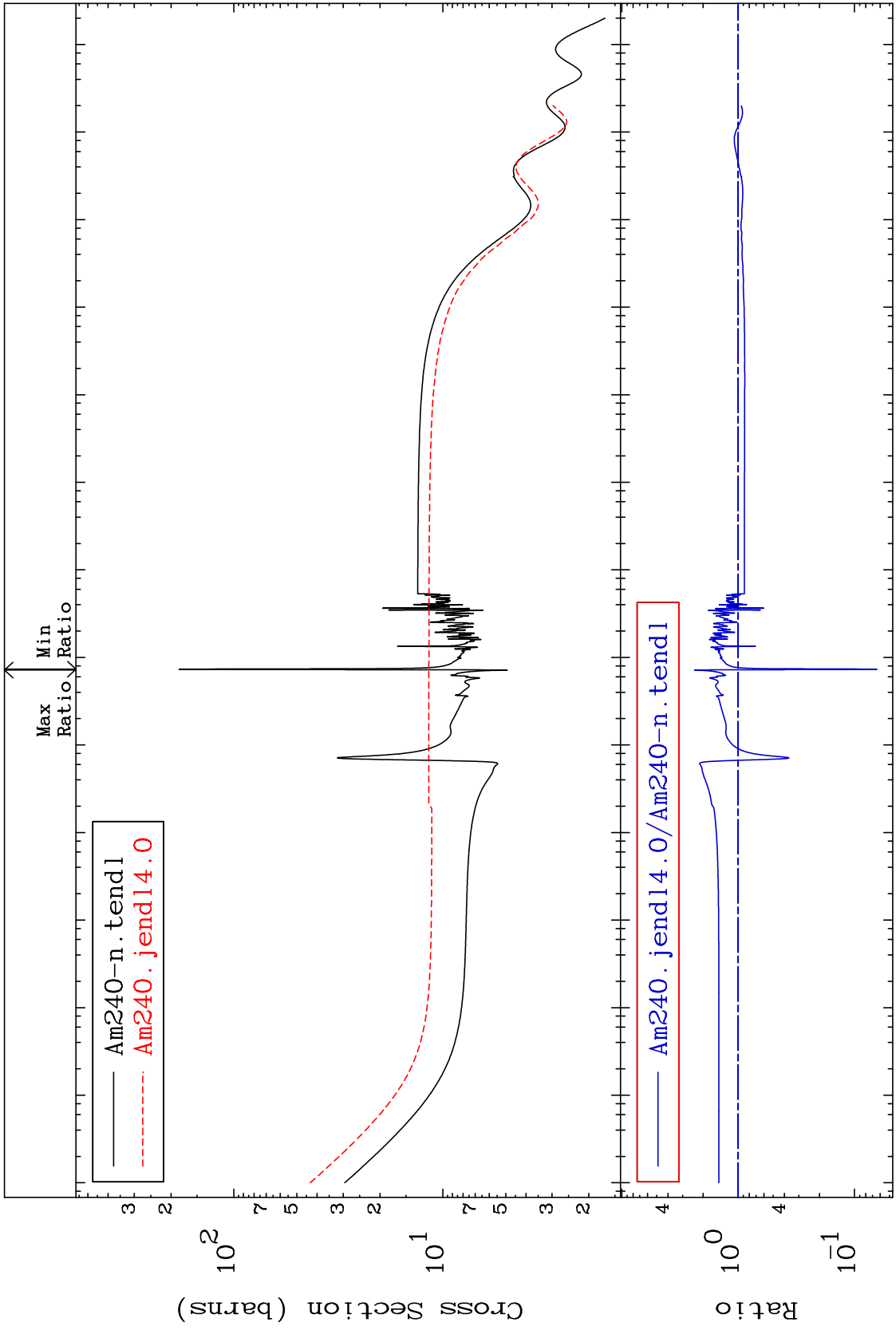
Incident Energy (eV)

95-Am-240

MAT 9540

Elastic  
Cross Section

95-Am-240  
-93.62 To 137.3 %



Incident Energy (eV)

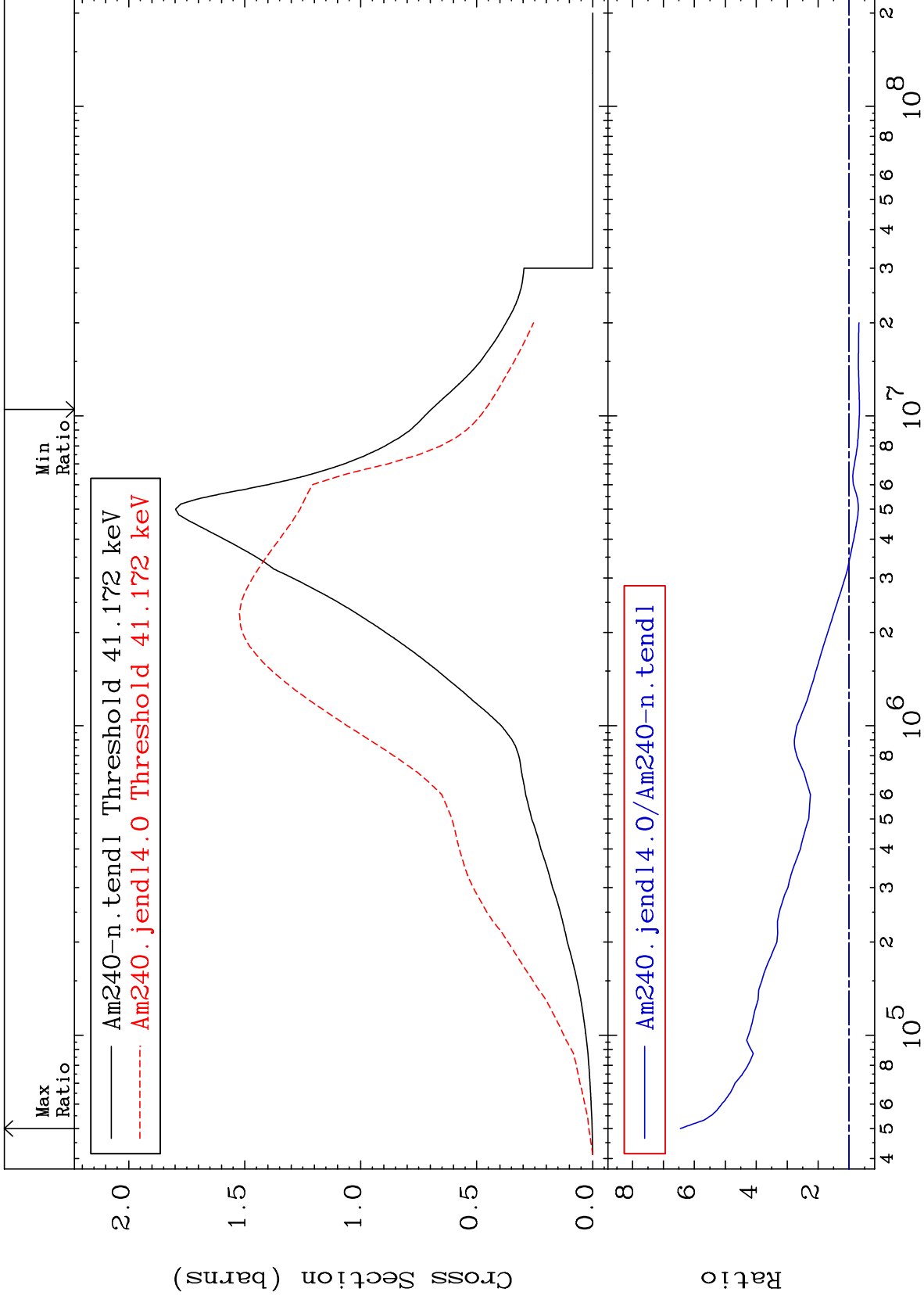
95-Am-240



MAT 9540

Inelastic  
Cross Section

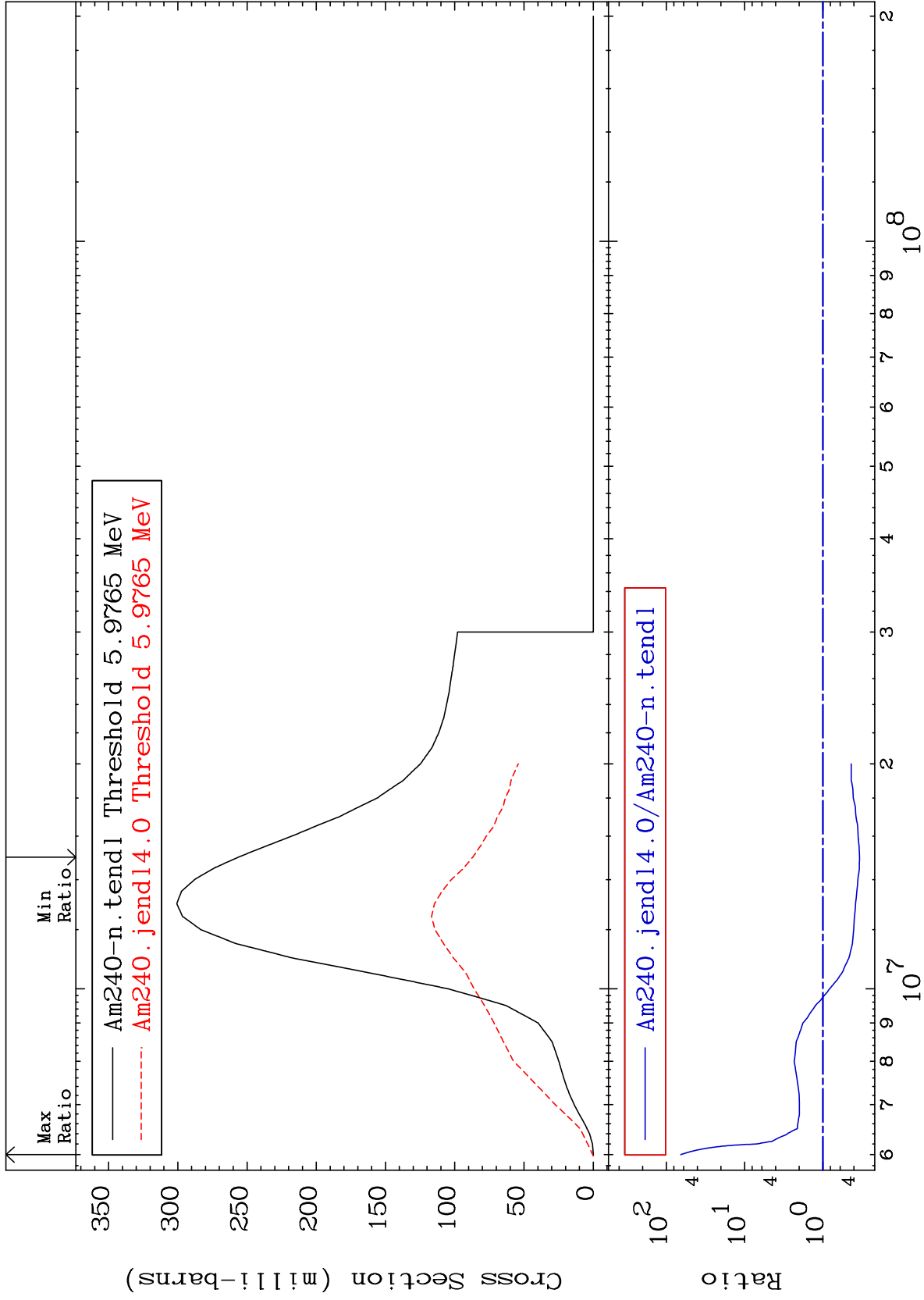
95-Am-240  
-33.44 To 545.3 %



MAT 9540

(n,2n)  
Cross Section

95-Am-240  
-66.05 To 6430. %



4

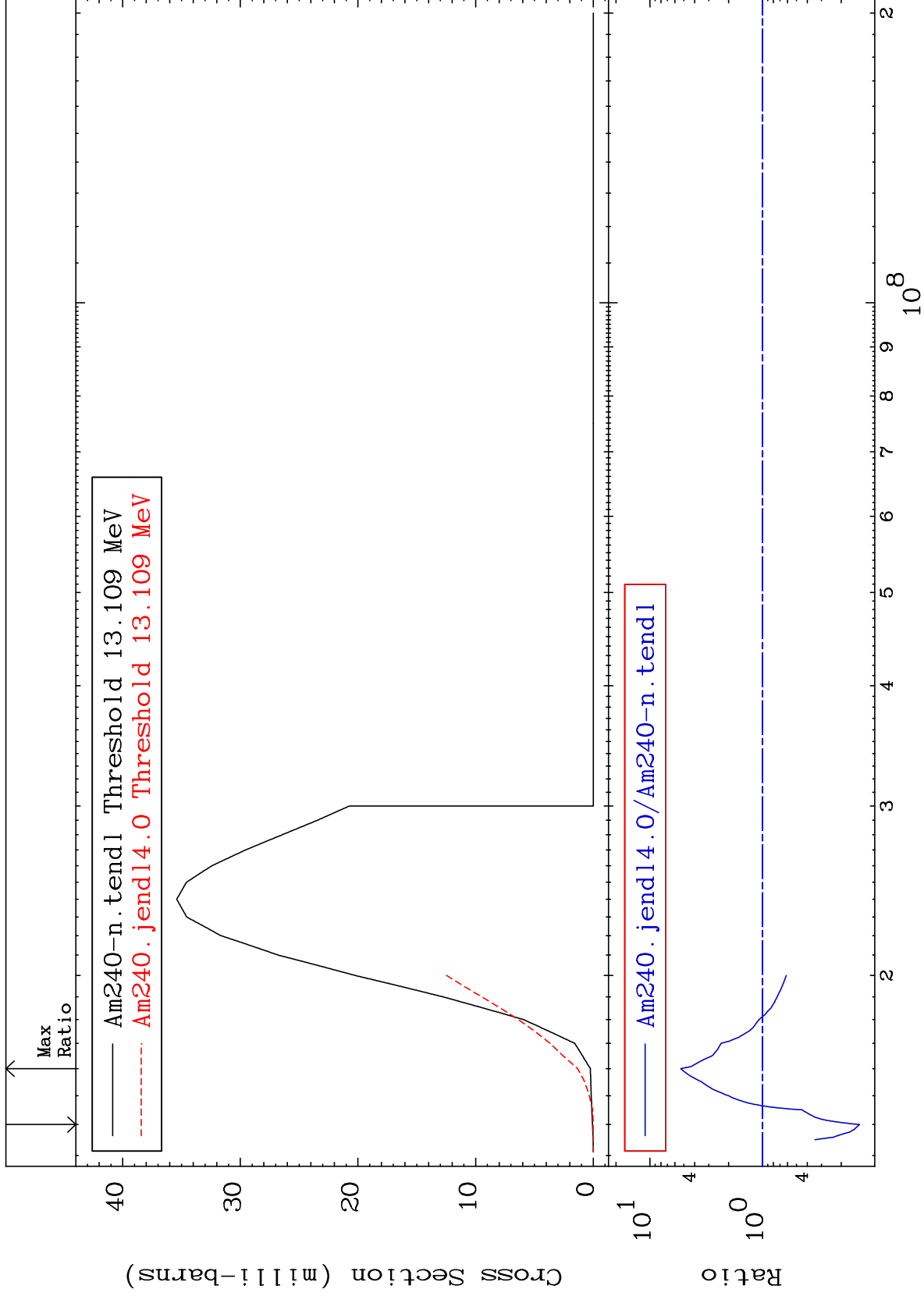
Incident Energy (eV)

95-Am-240

MAT 9540

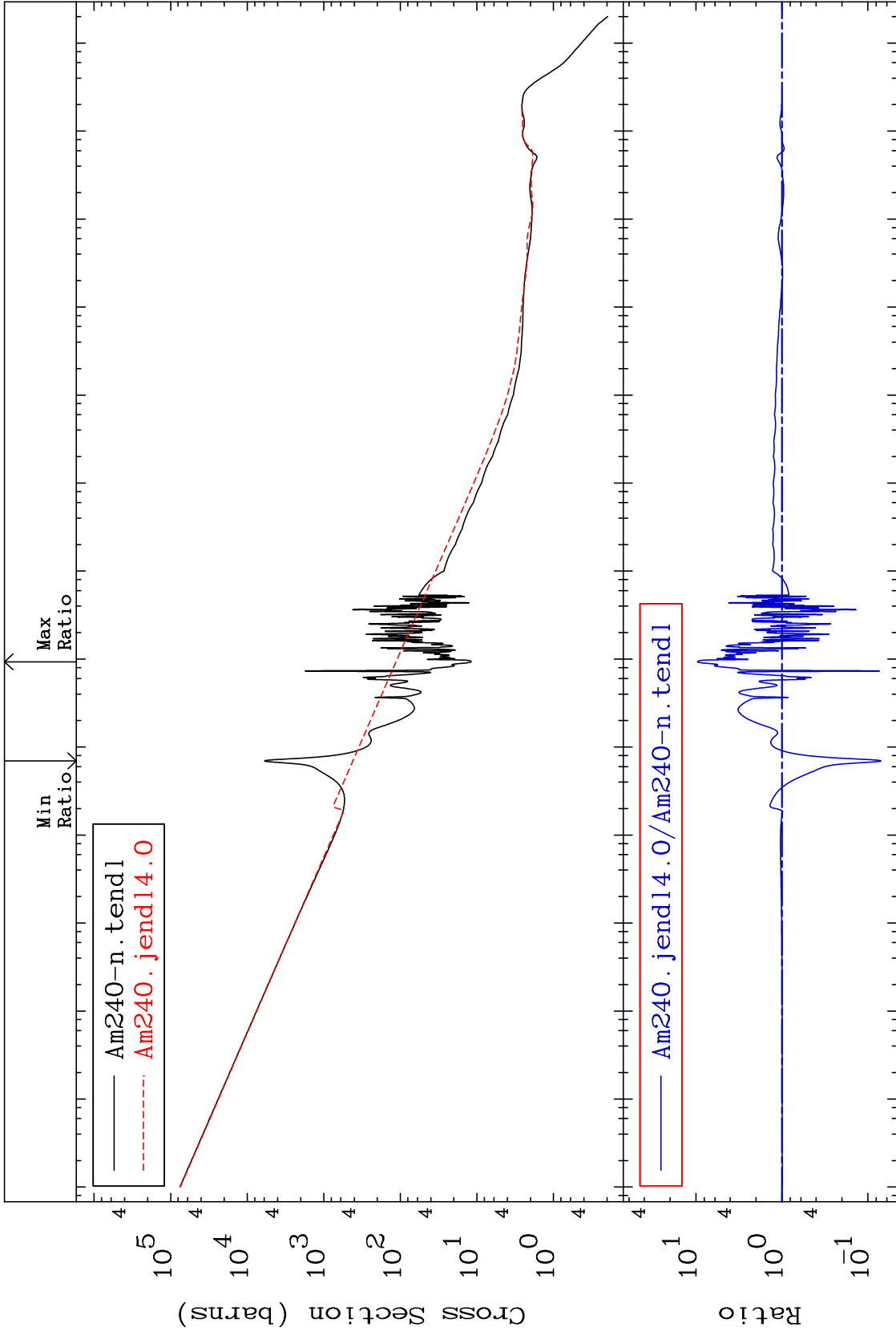
(n,3n)  
Cross Section

95-Am-240  
-86.24 To 432.3 %



MAT 9540

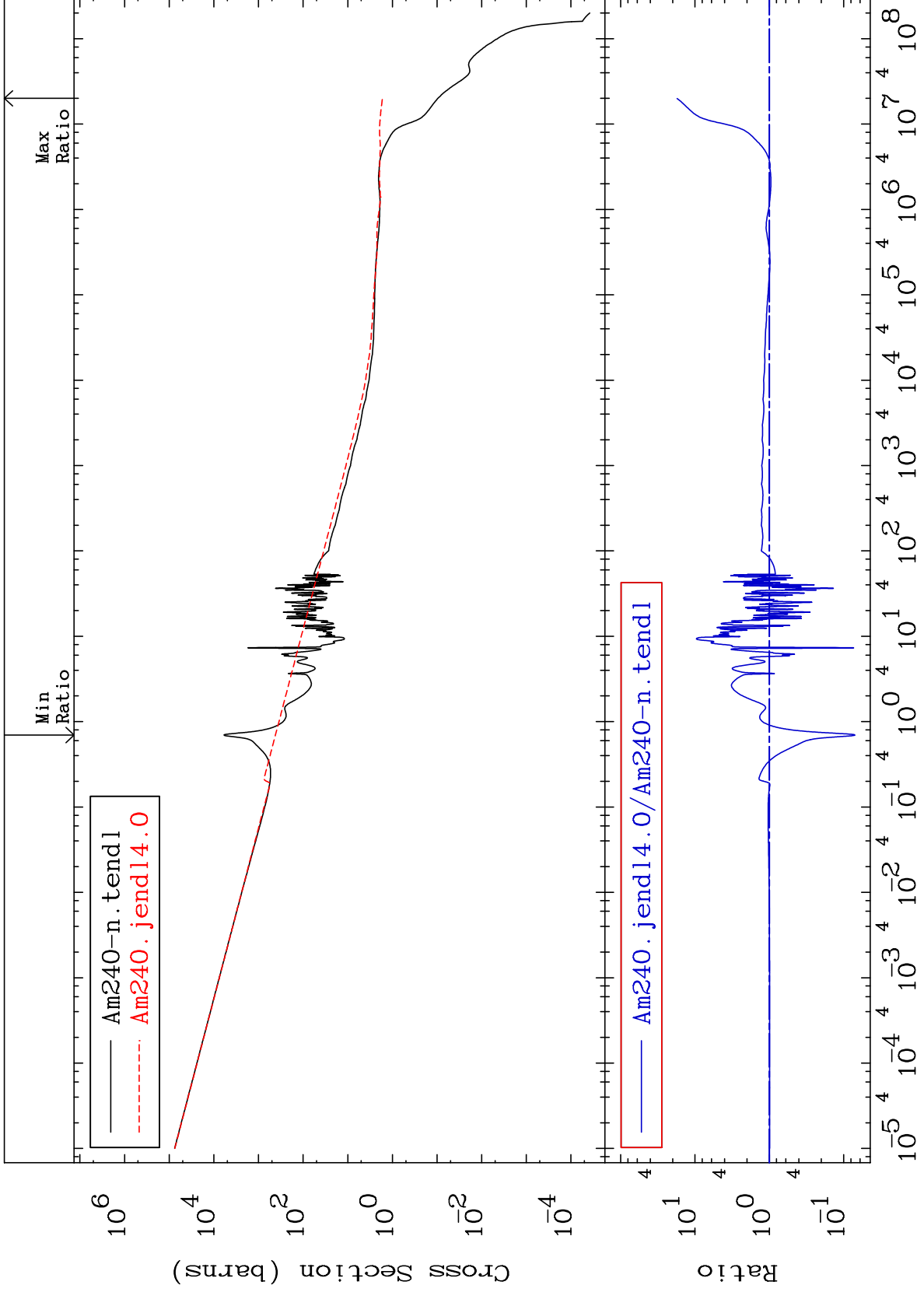
Fission Cross Section  
95-Am-240  
-92.98 To 858.0 %



MAT 9540

(n,f) First Chance  
Cross Section

95-Am-240  
-92.98 To 1652. %



Incident Energy (eV)

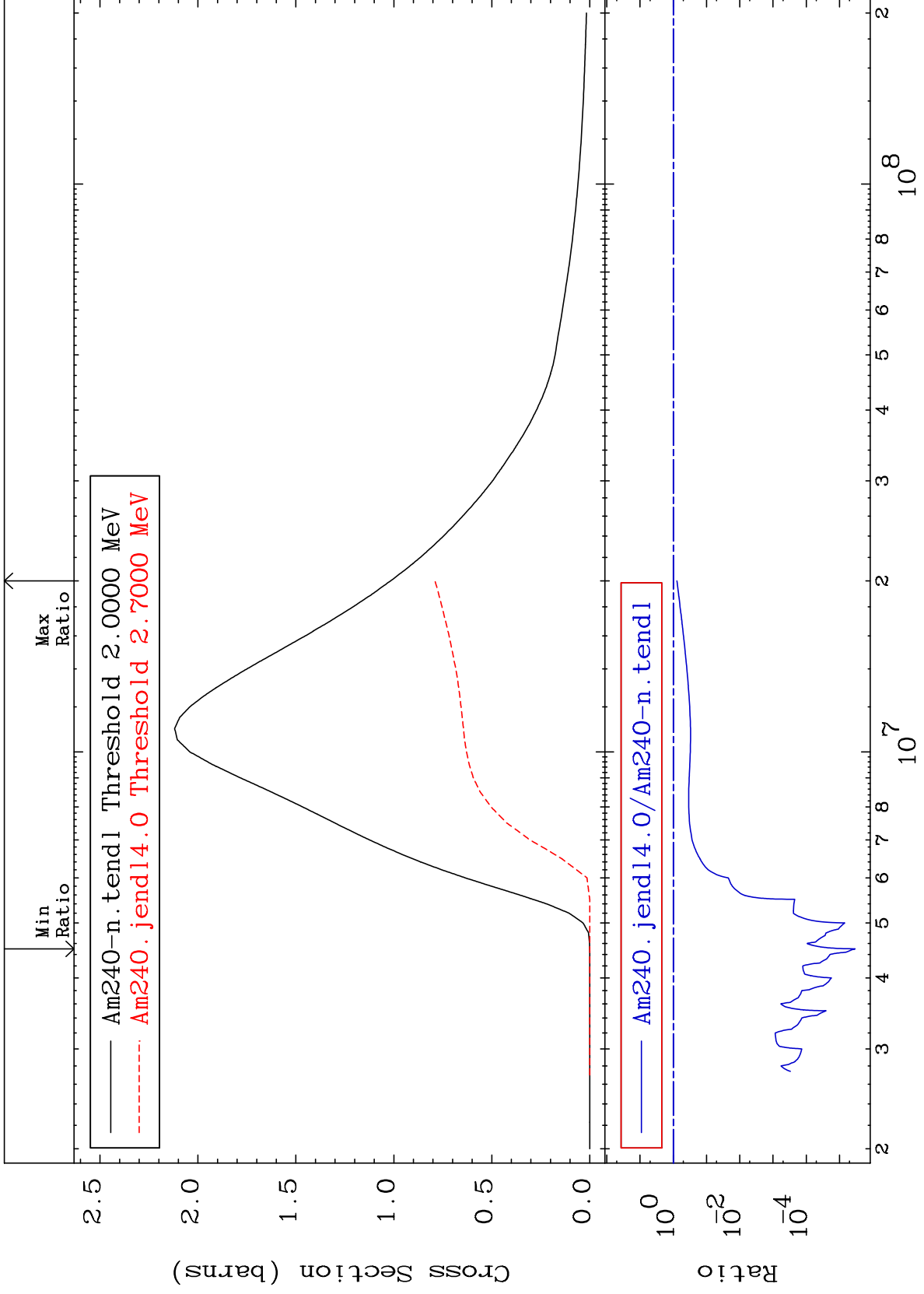
95-Am-240

7

MAT 9540

(n, nf) Second Chance  
Cross Section

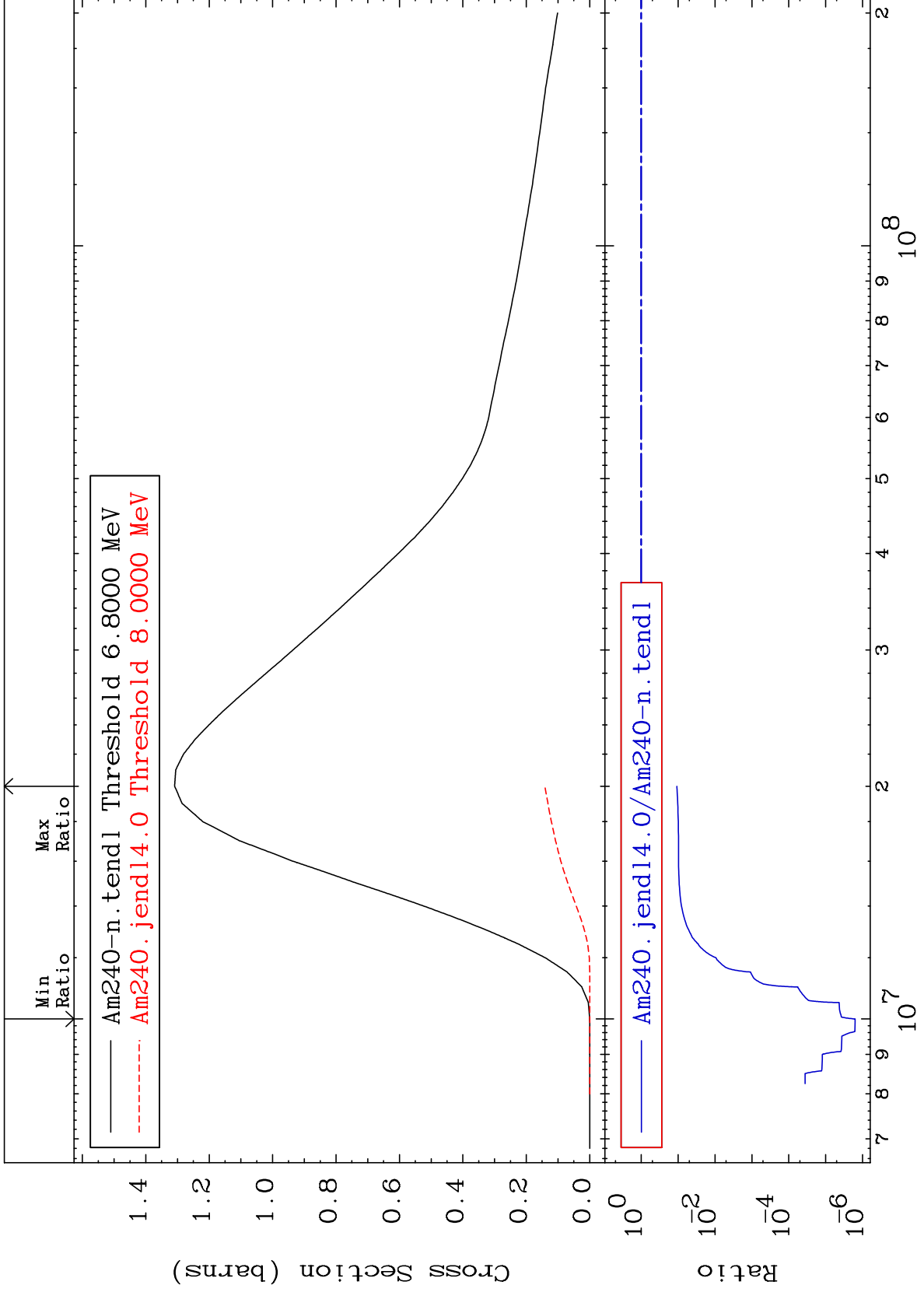
95-Am-240  
-100.0 To -22.28%



MAT 9540

(n,2nf) Third Chance  
Cross Section

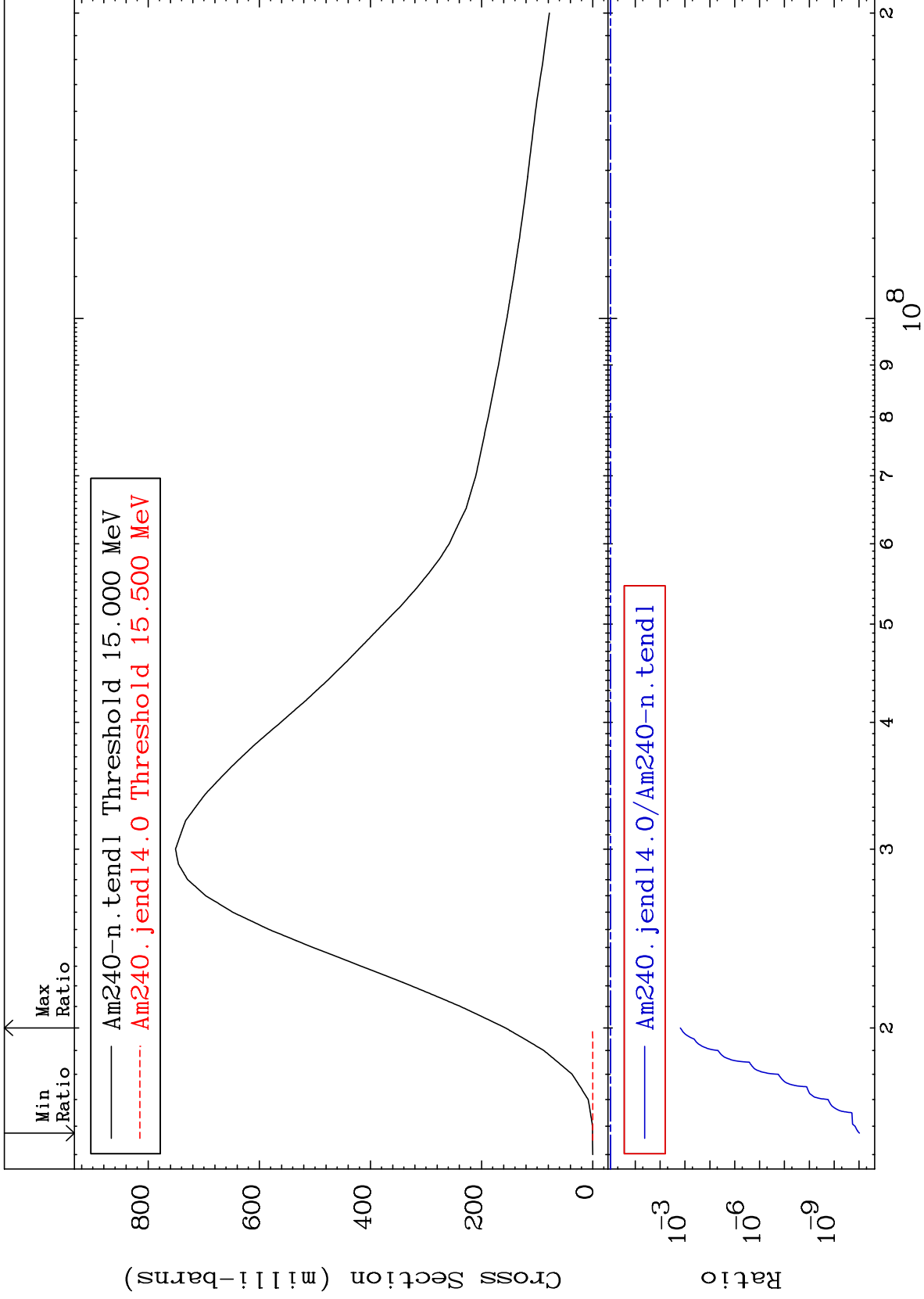
95-Am-240  
-100.0 To -89.21%



MAT 9540

(n,3nf) Fourth Chance  
Cross Section

95-Am-240  
-100.0 To -99.85%



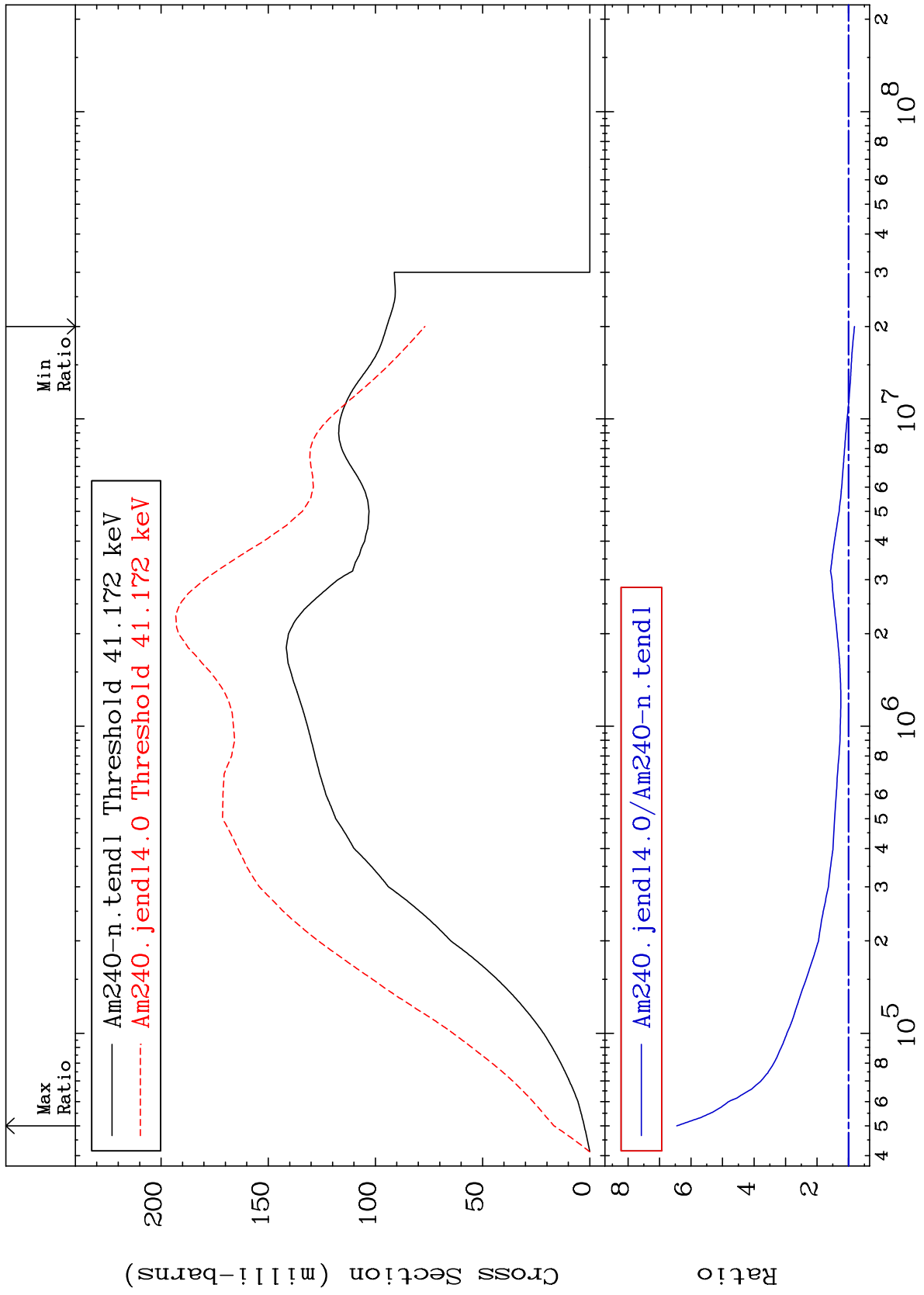
10

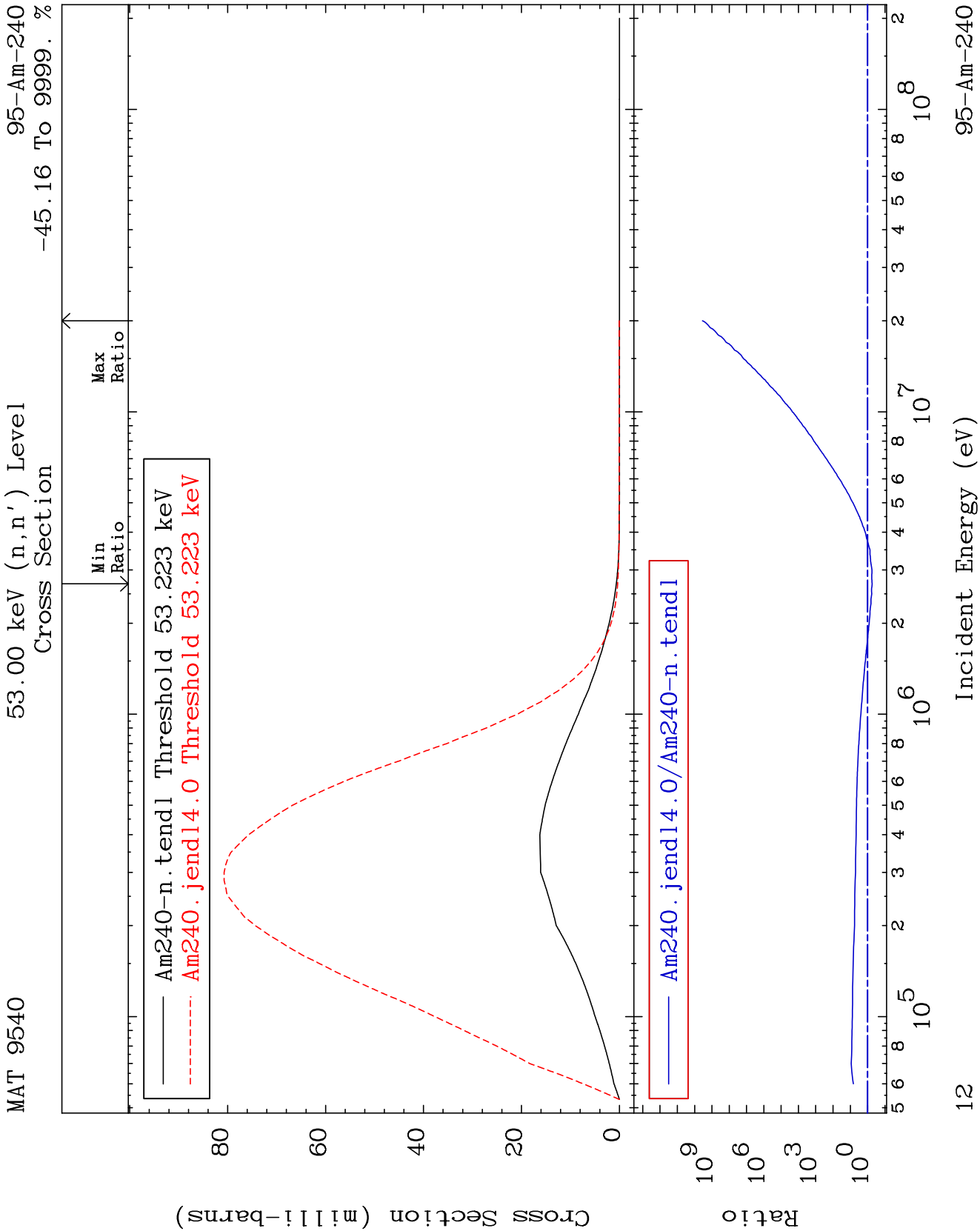
Incident Energy (eV)

95-Am-240

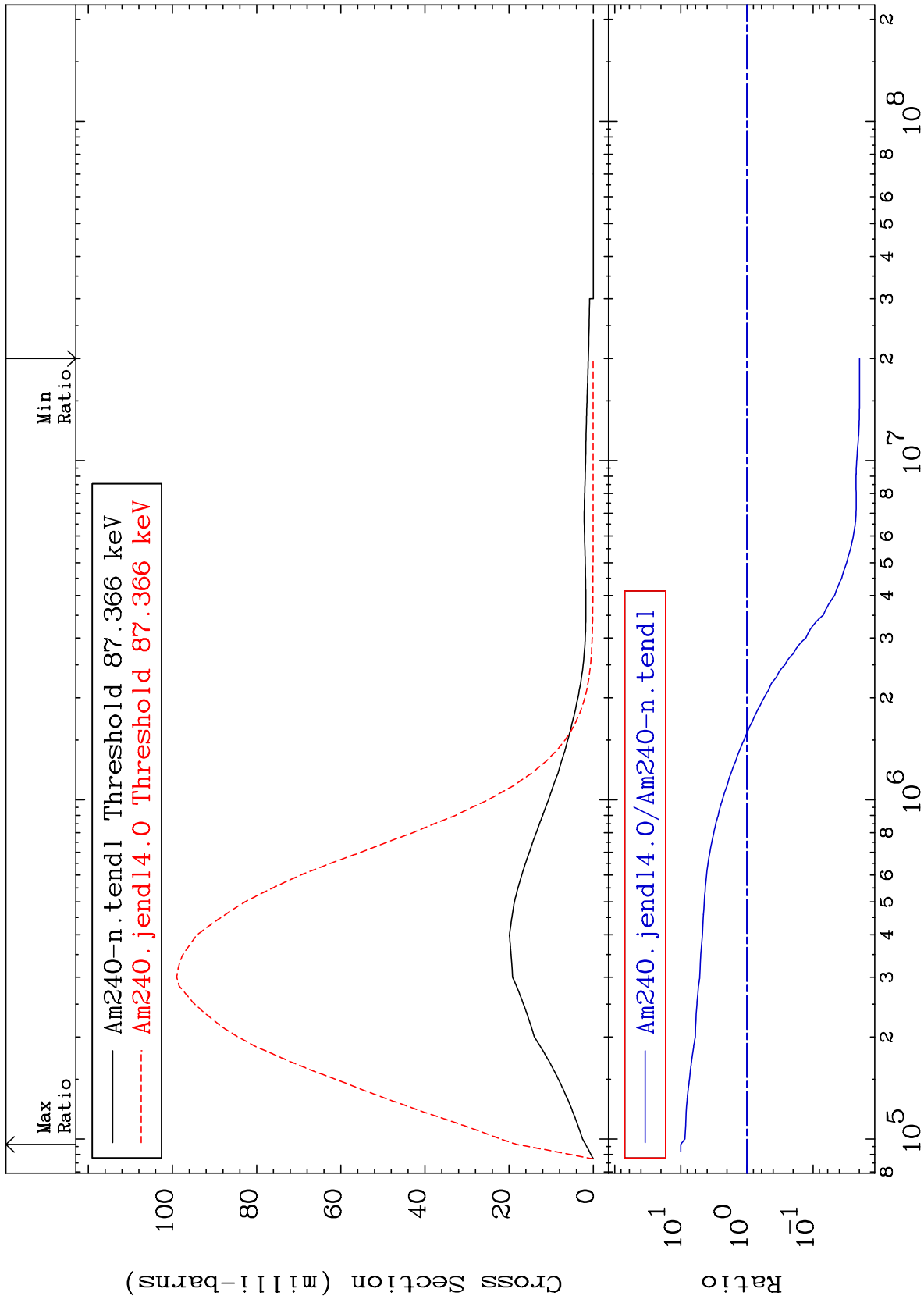


MAT 9540      41.00 keV (n,n') Level      95-Am-240  
 Cross Section      -18.77 To 545.3 %



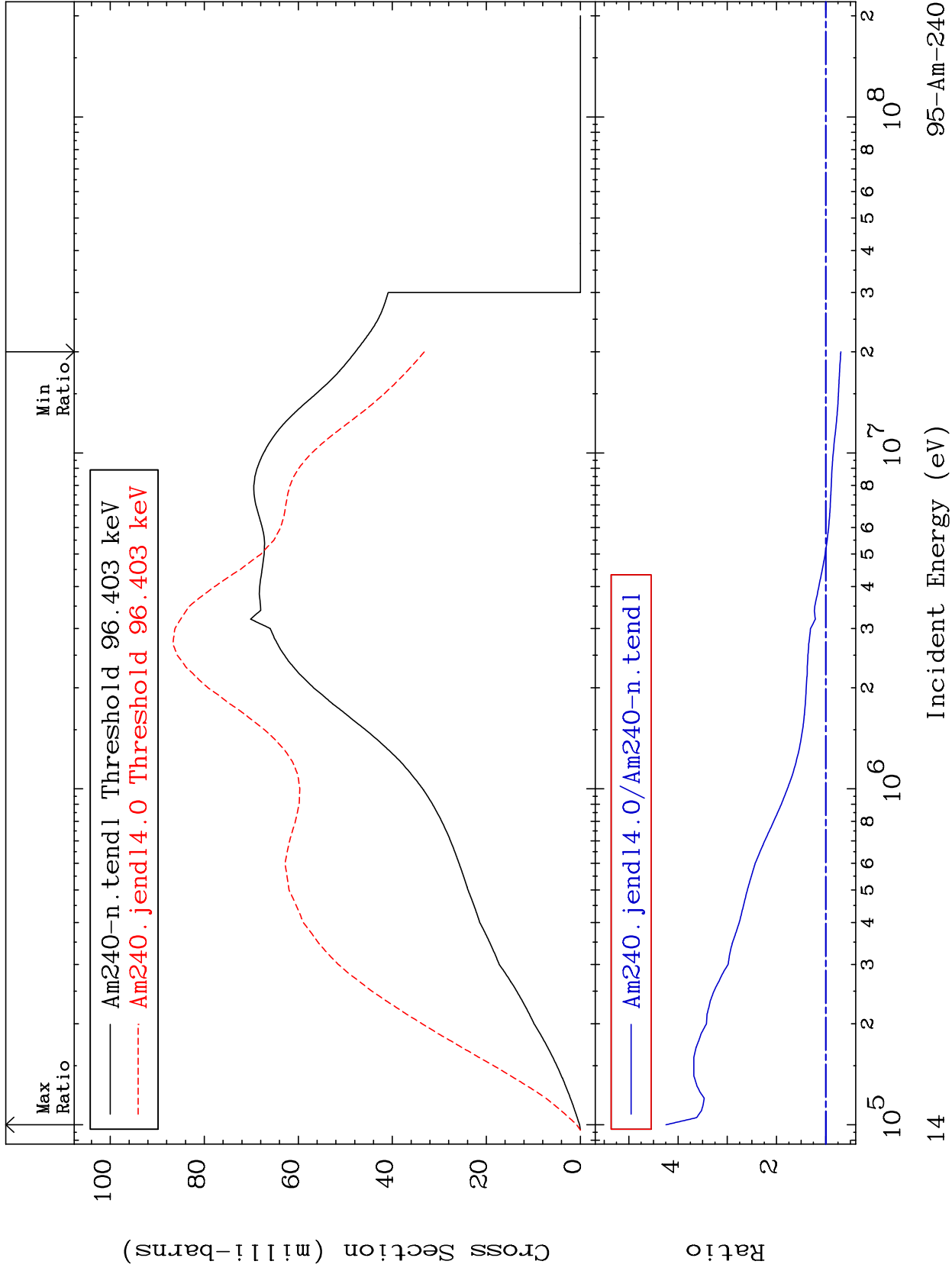


MAT 9540 87.00 keV (n,n') Level 95-Am-240  
 Cross Section -98.02 To 900.2 %

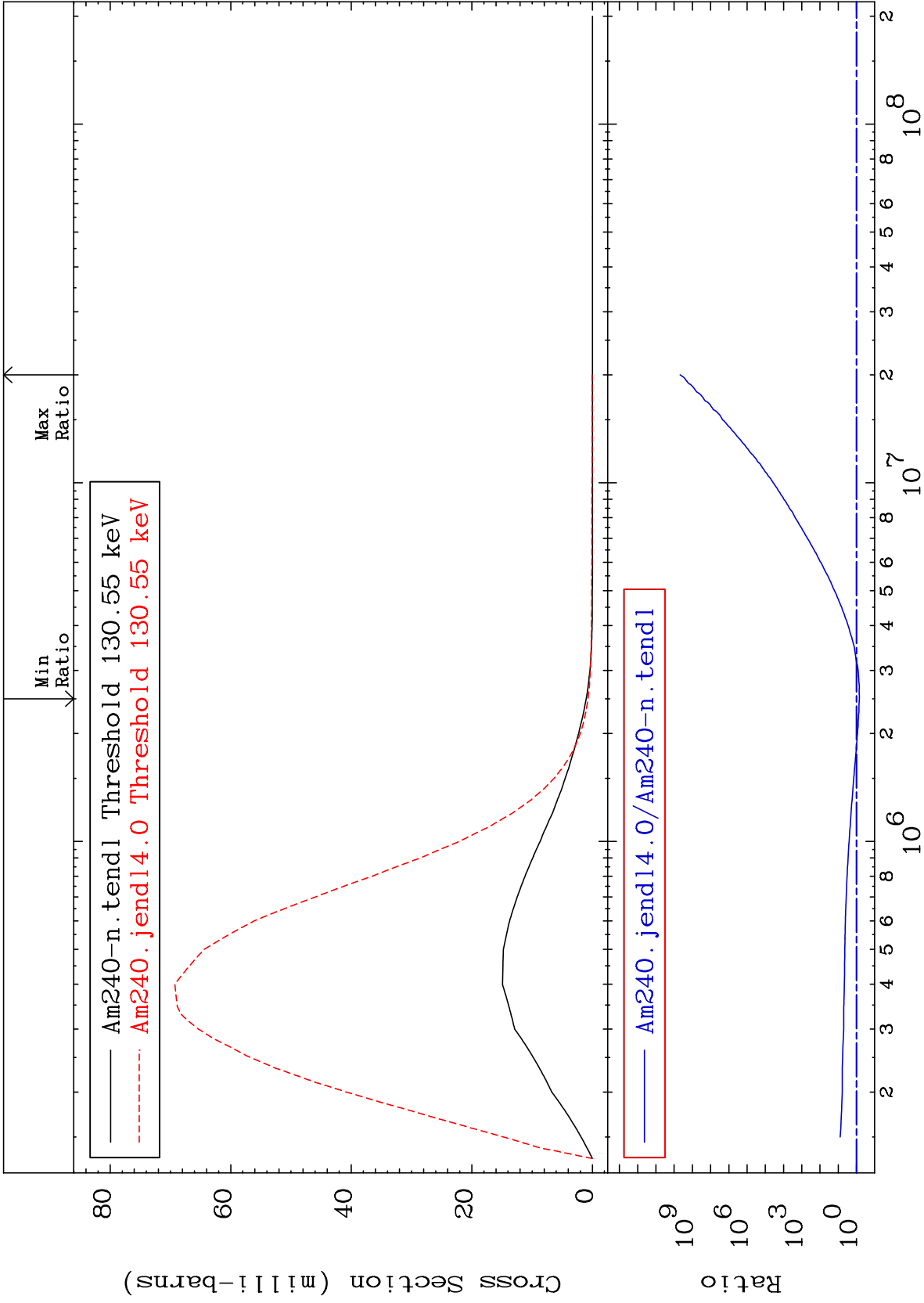


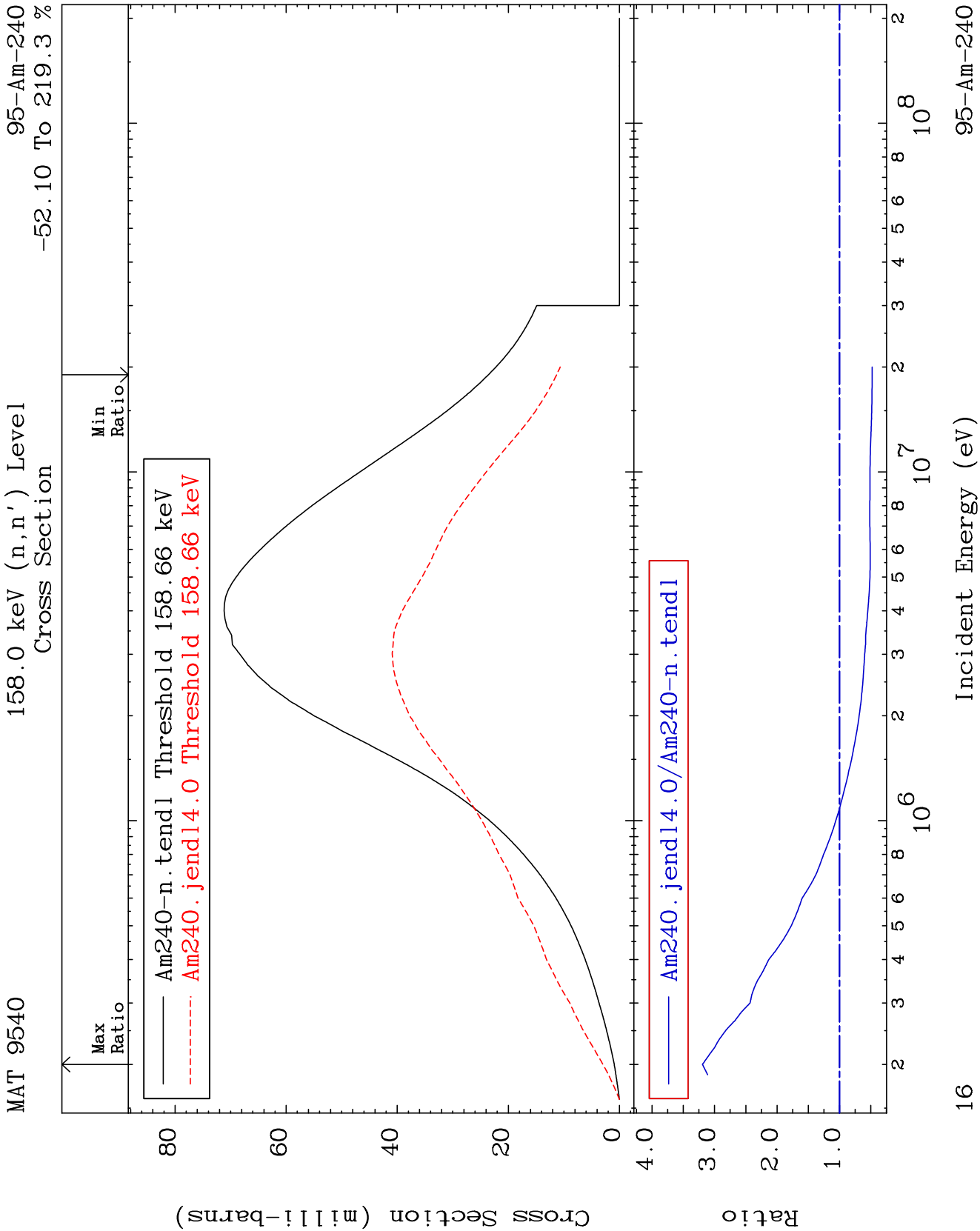
13 95-Am-240

MAT 9540 96.00 keV (n,n') Level 95-Am-240  
 Cross Section -30.69 To 324.5 %

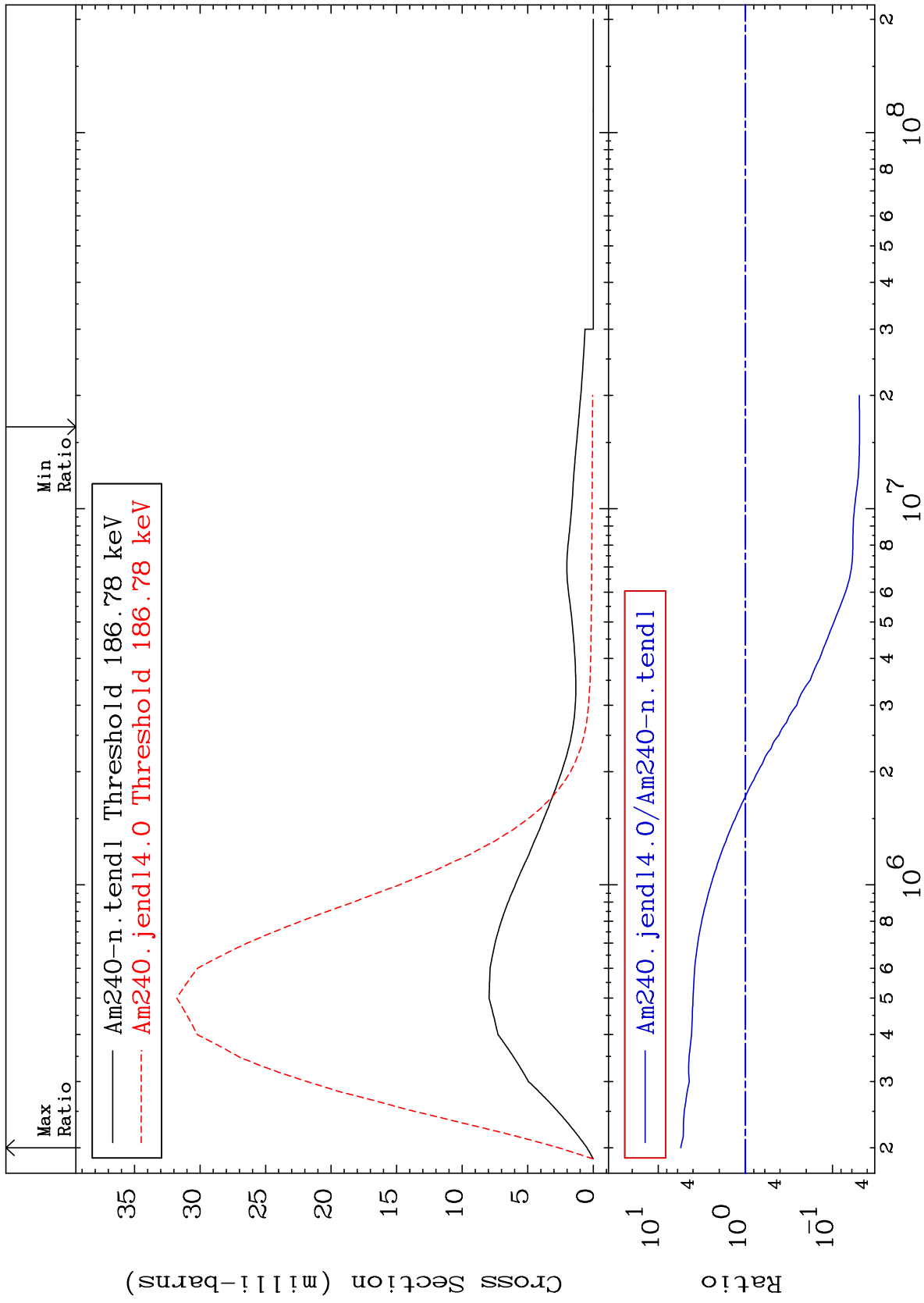


MAT 9540 130.0 keV (n,n') Level 95-Am-240  
 Cross Section -30.53 To 9999. %





MAT 9540      186.0 keV (n,n') Level      95-Am-240  
 Cross Section      -95.10 To 452.7 %

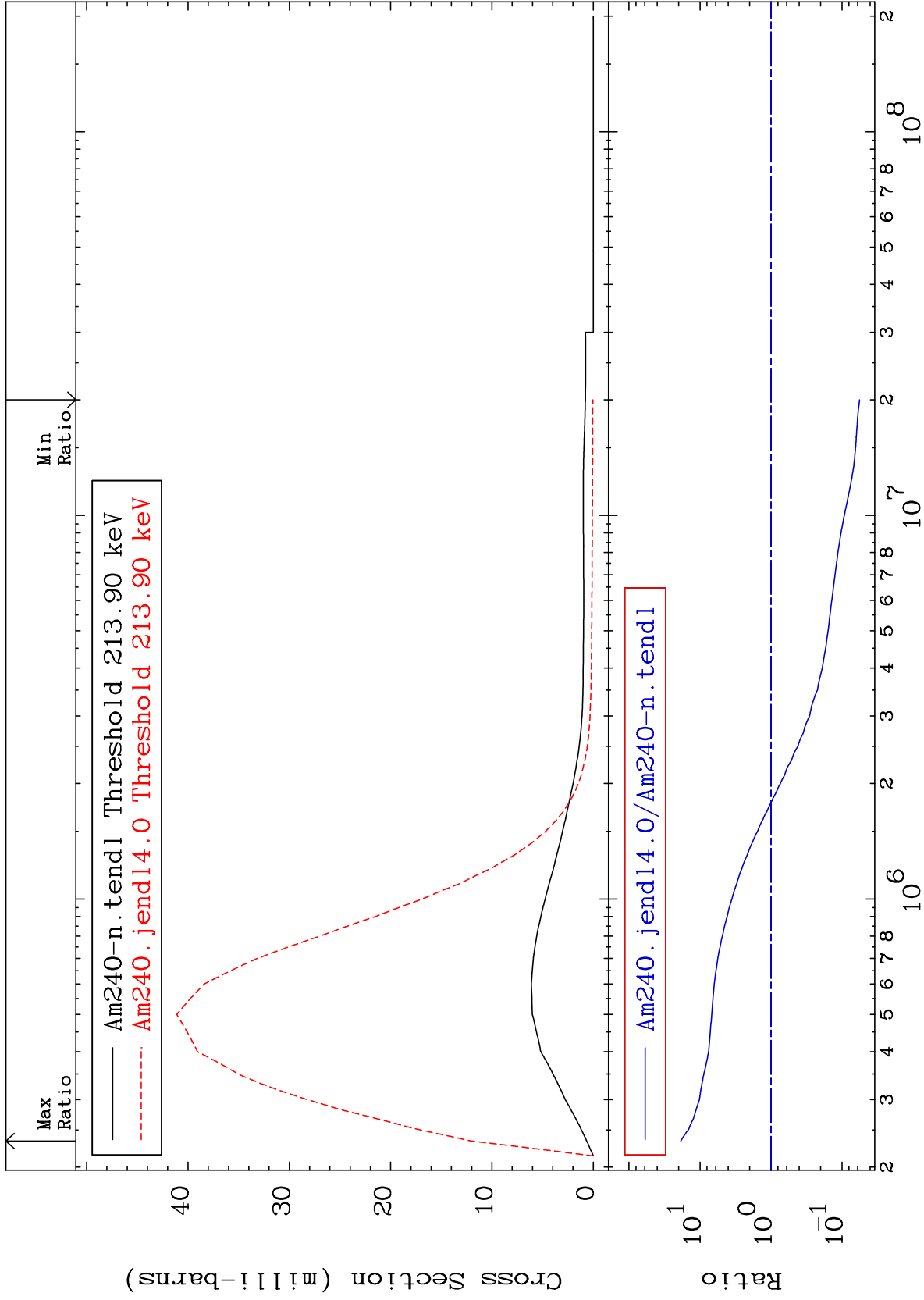


17      Incident Energy (eV)      95-Am-240

MAT 9540

213.0 keV (n,n') Level  
Cross Section

95-Am-240  
-94.34 To 1765. %



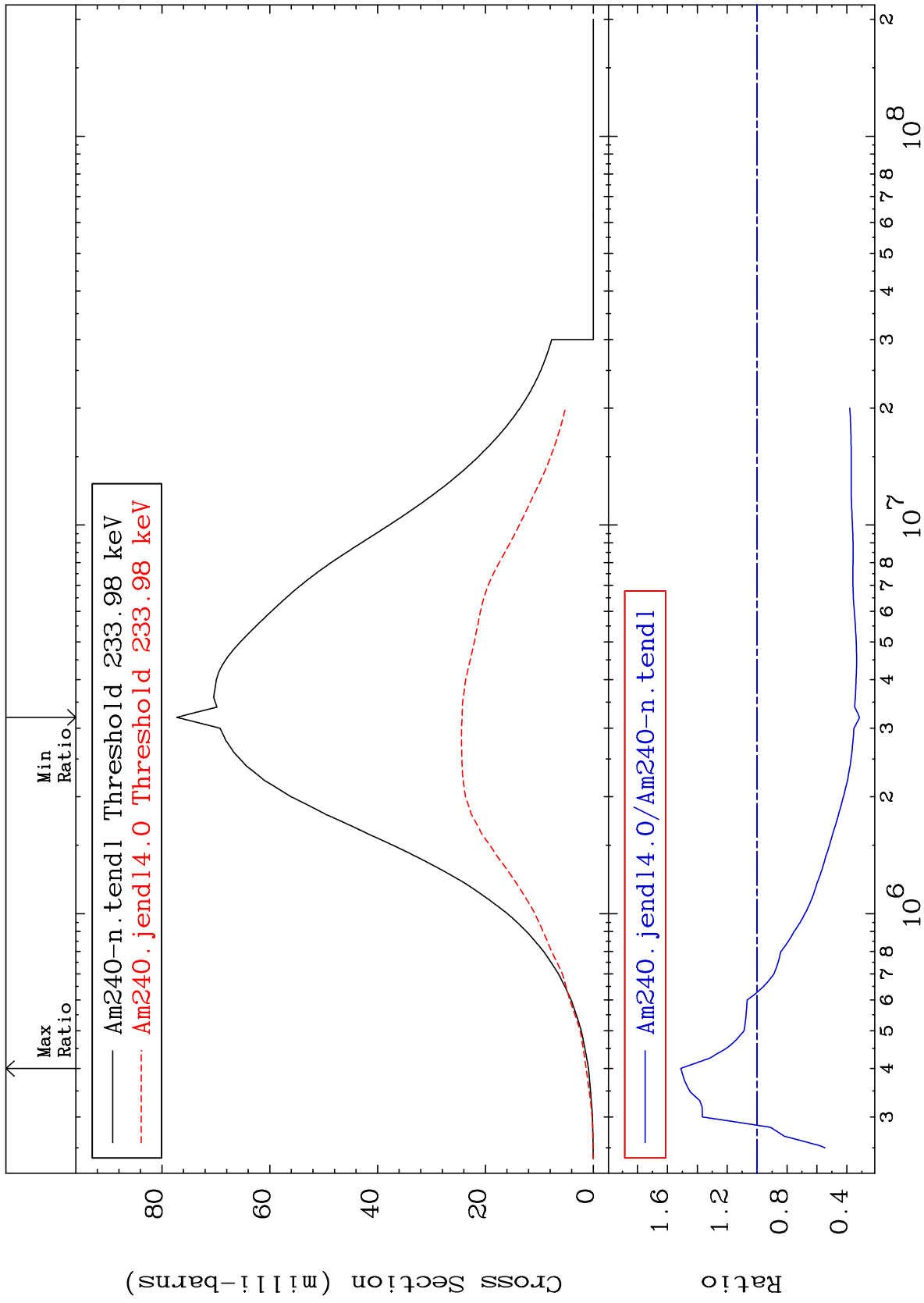
18

Incident Energy (eV)

95-Am-240



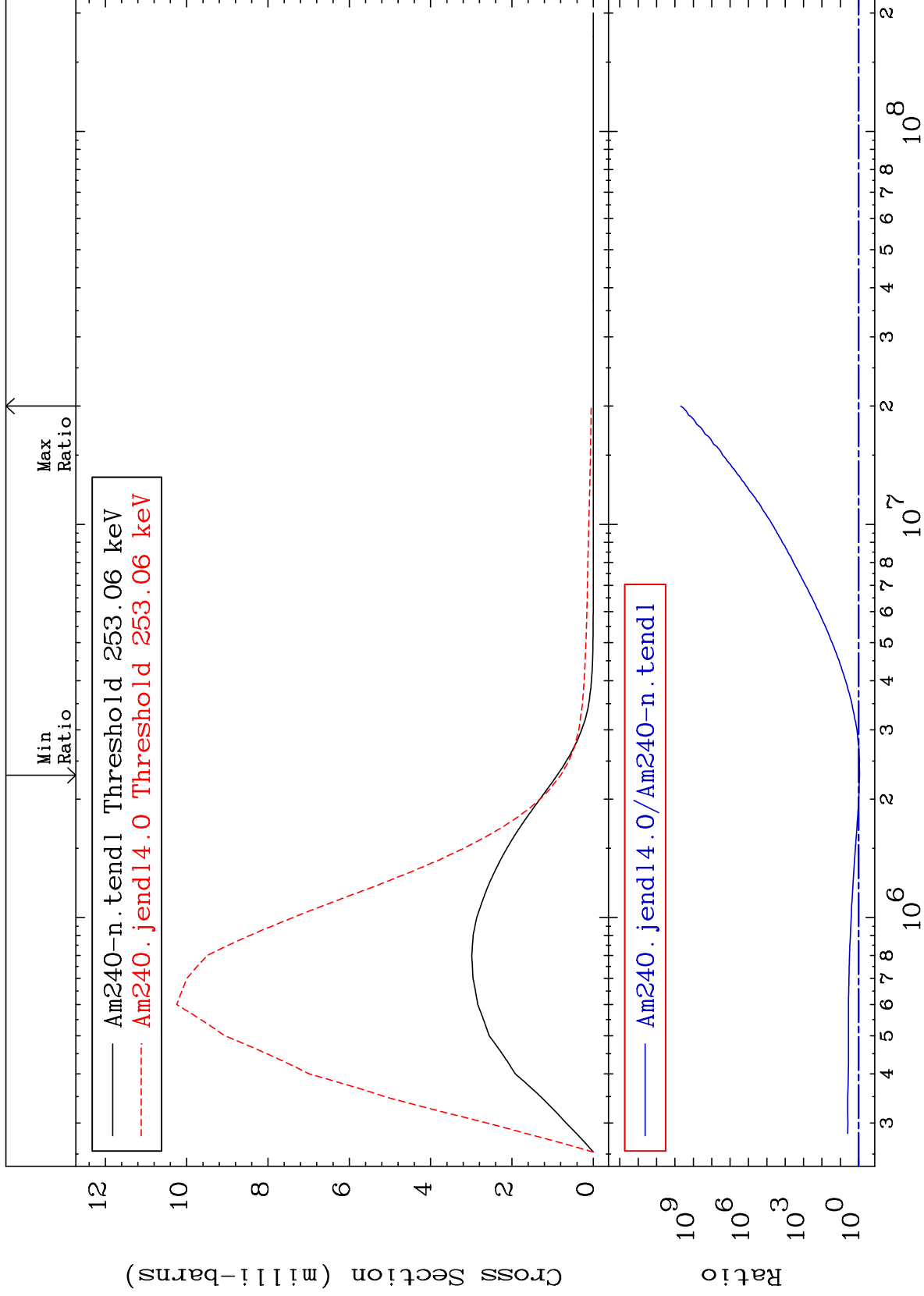
MAT 9540      233.0 keV (n,n') Level      95-Am-240  
 Cross Section      -68.49 To 51.04 %



MAT 9540

252.0 keV (n,n') Level  
Cross Section

95-Am-240  
-10.17 To 9999. %

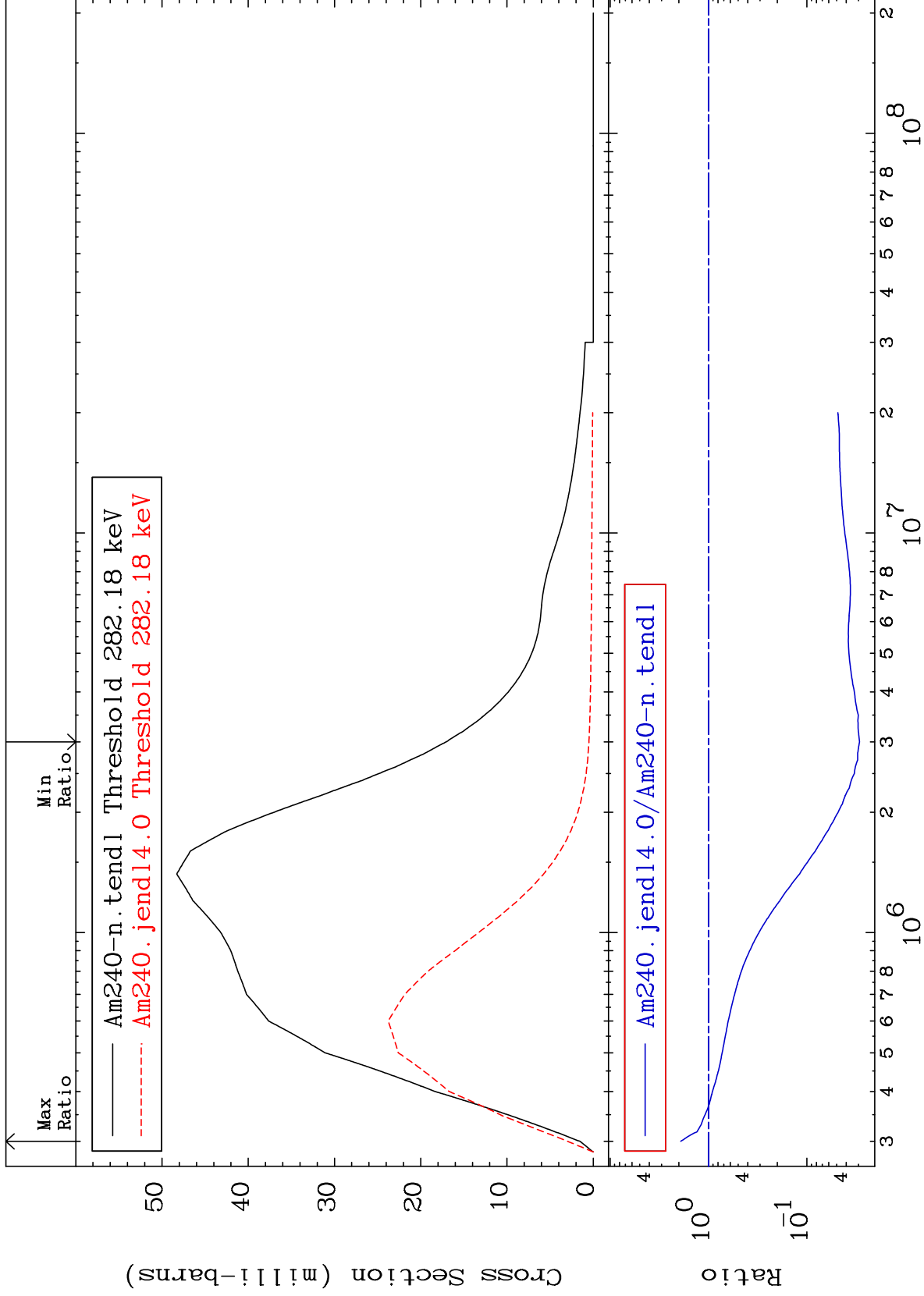


20

MAT 9540

281.0 keV (n,n') Level  
Cross Section

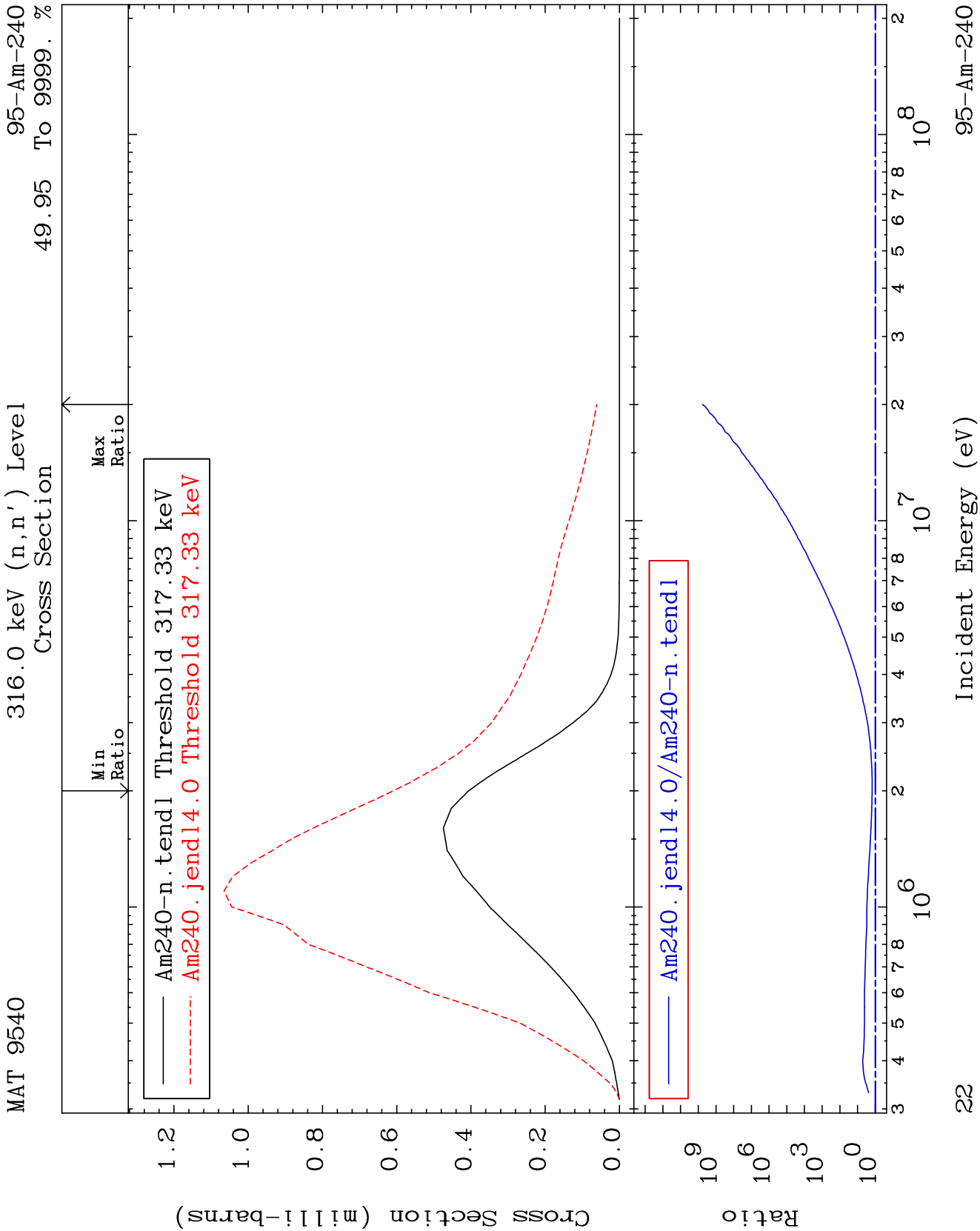
95-Am-240  
-97.08 To 91.38 %



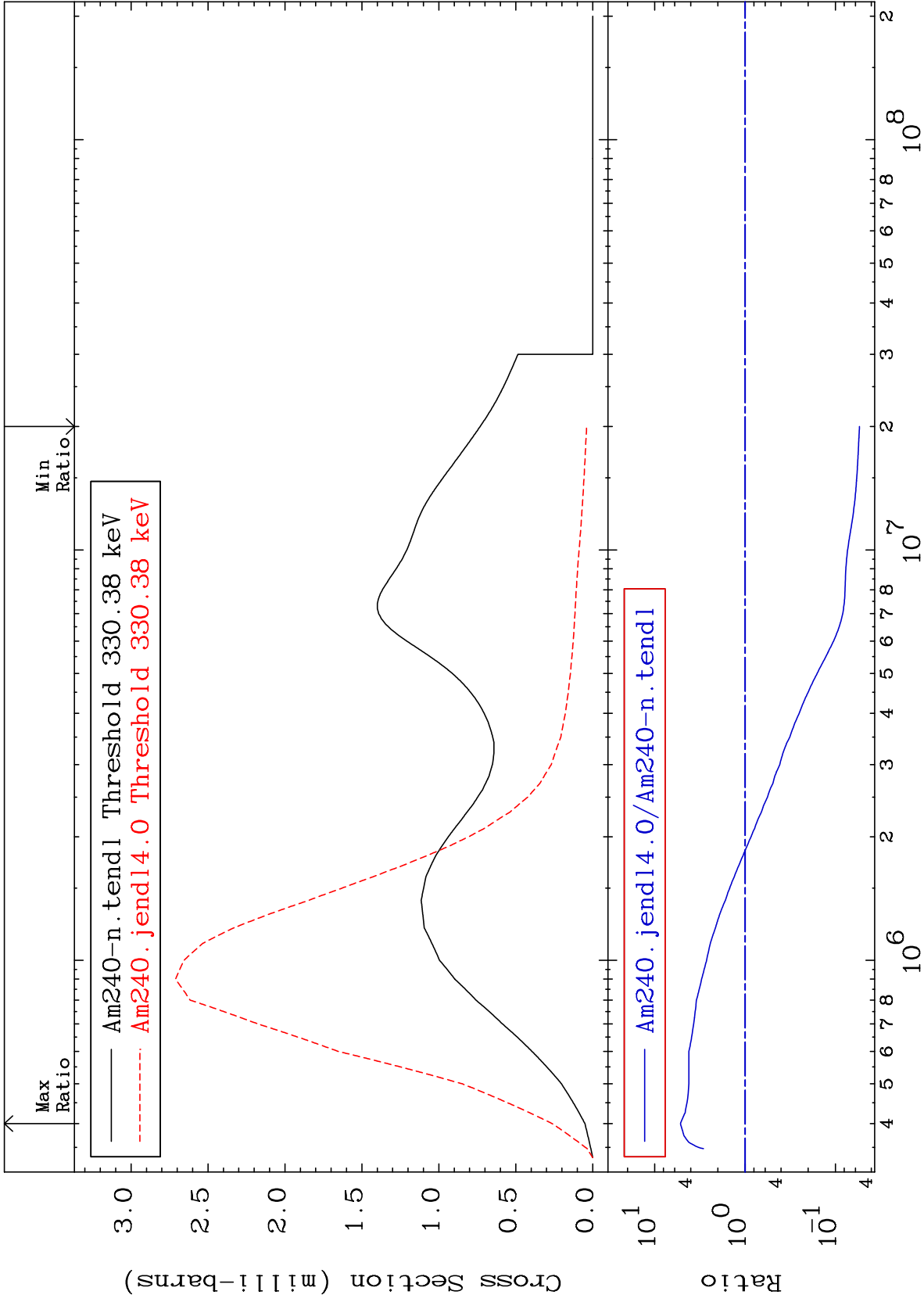
21

Incident Energy (eV)

95-Am-240



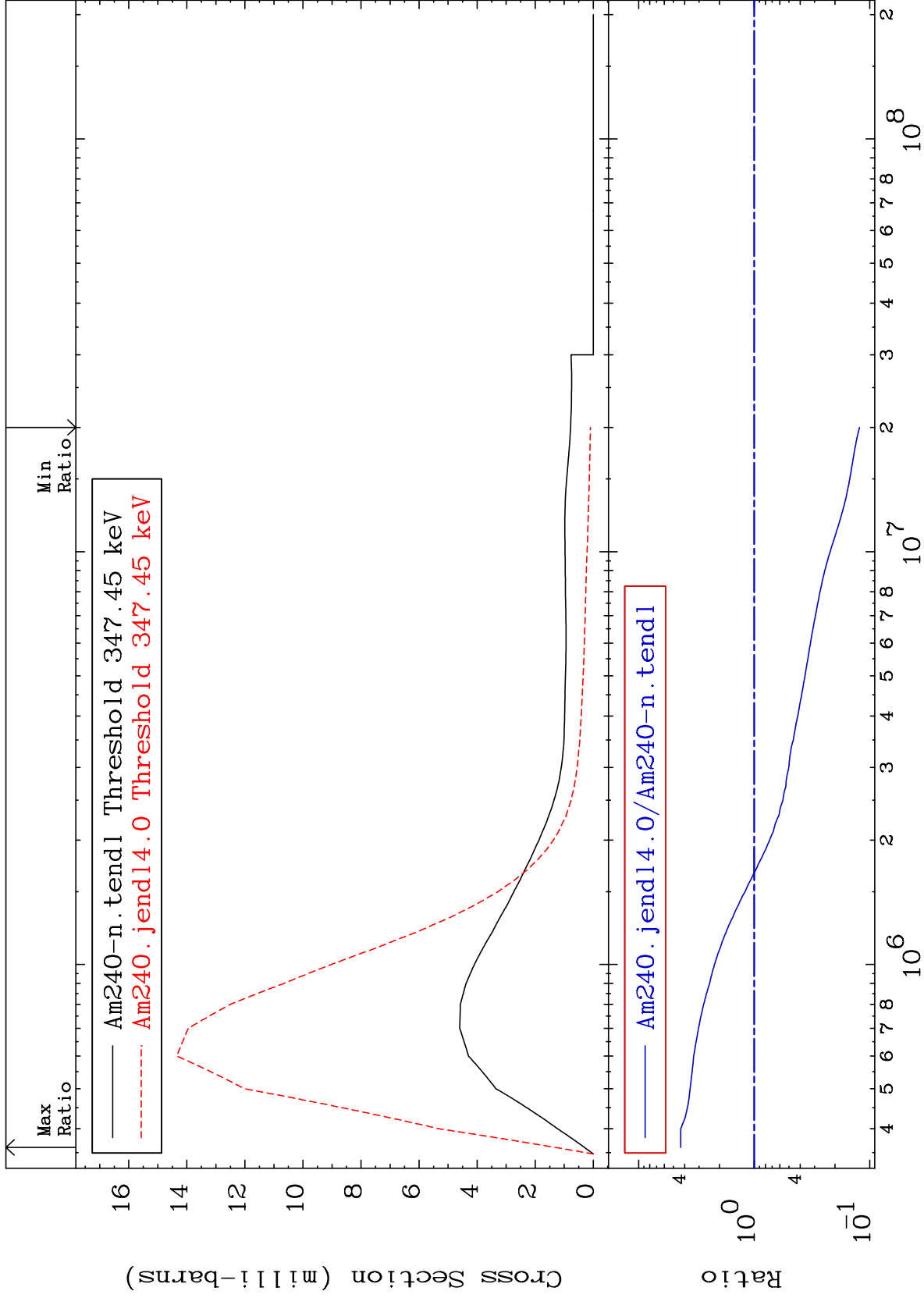
MAT 9540      329.0 keV (n,n') Level      95-Am-240  
 Cross Section      -94.58 To 420.5 %



MAT 9540

346.0 keV (n,n') Level  
Cross Section

95-Am-240  
-87.75 To 331.6 %

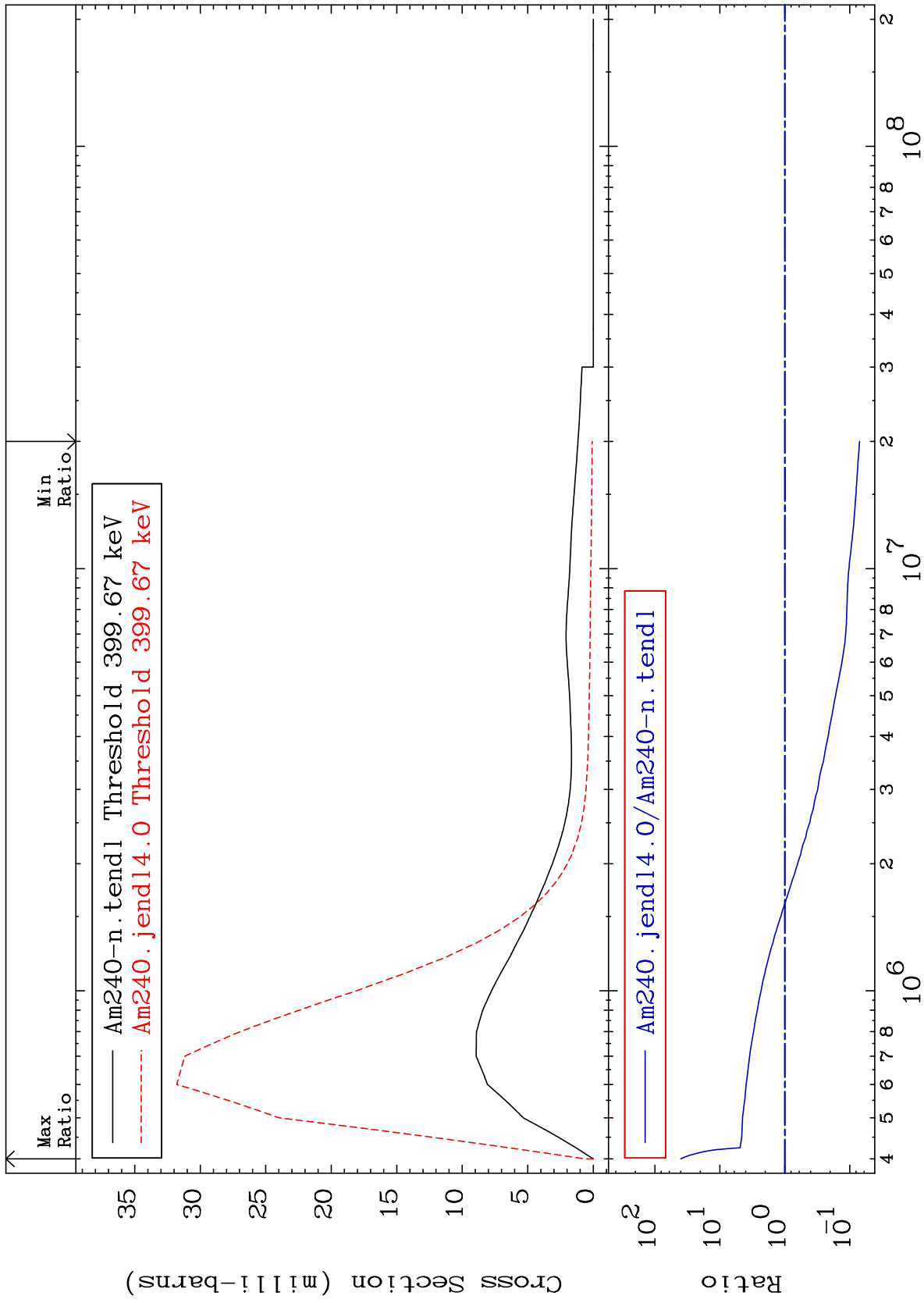


24

Incident Energy (eV)

95-Am-240

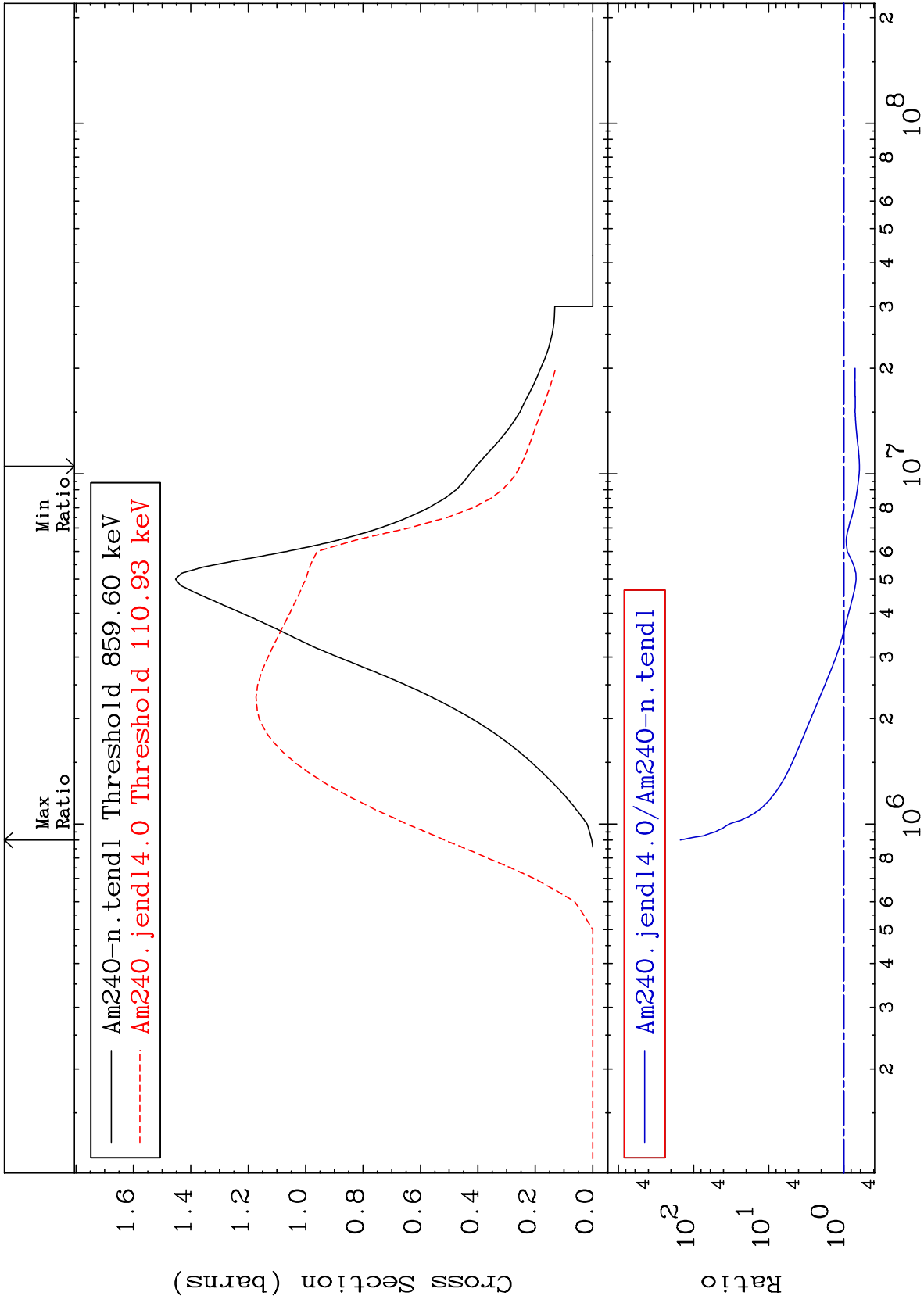
MAT 9540 398.0 keV (n,n') Level 95-Am-240  
 Cross Section -92.92 To 3896. %



MAT 9540

(n, n') Continuum  
Cross Section

95-Am-240  
-37.93 To 9999. %

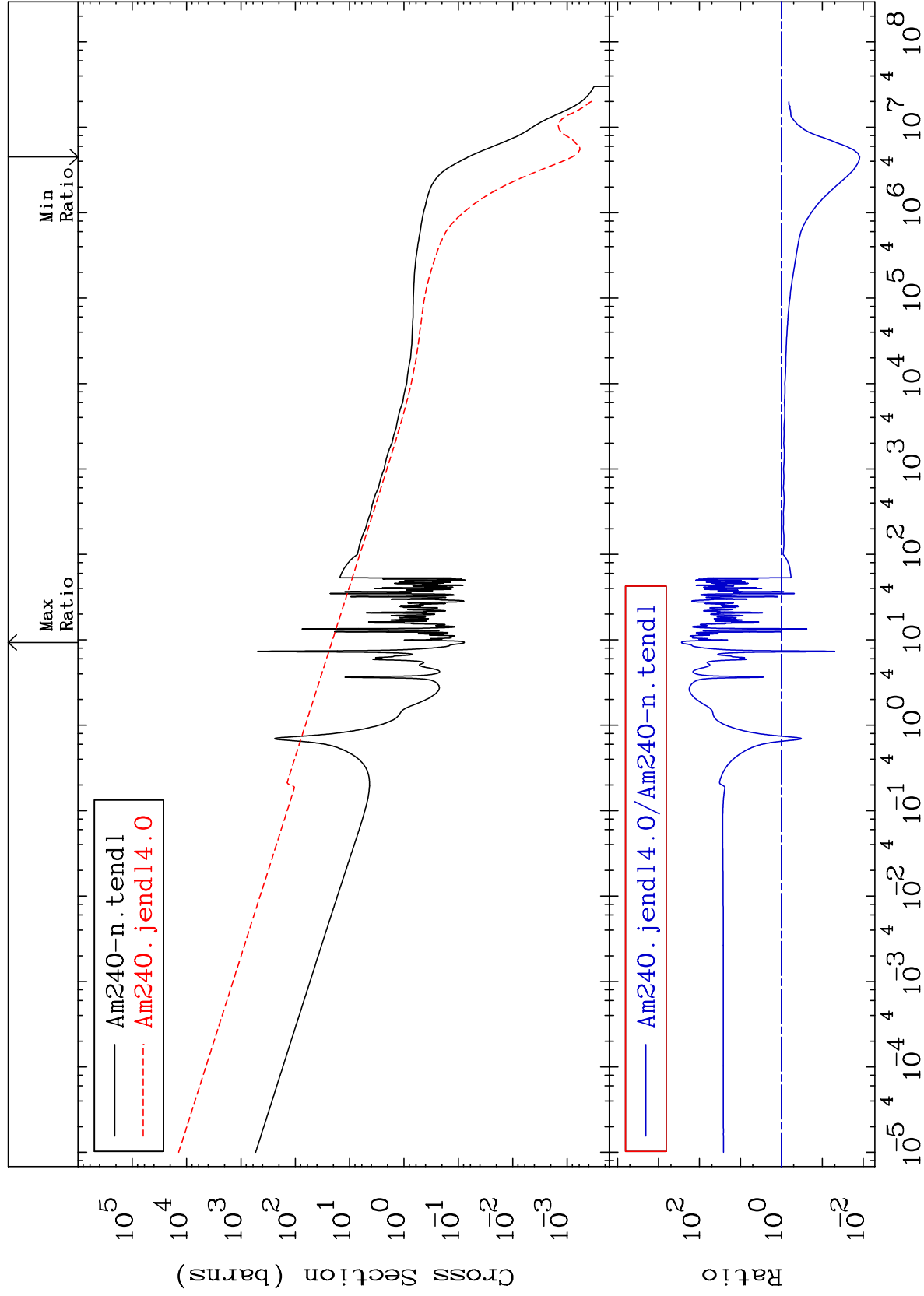




MAT 9540

95-Am-240

(n,  $\gamma$ )  
Cross Section  
-98.77 To 9999. %



27

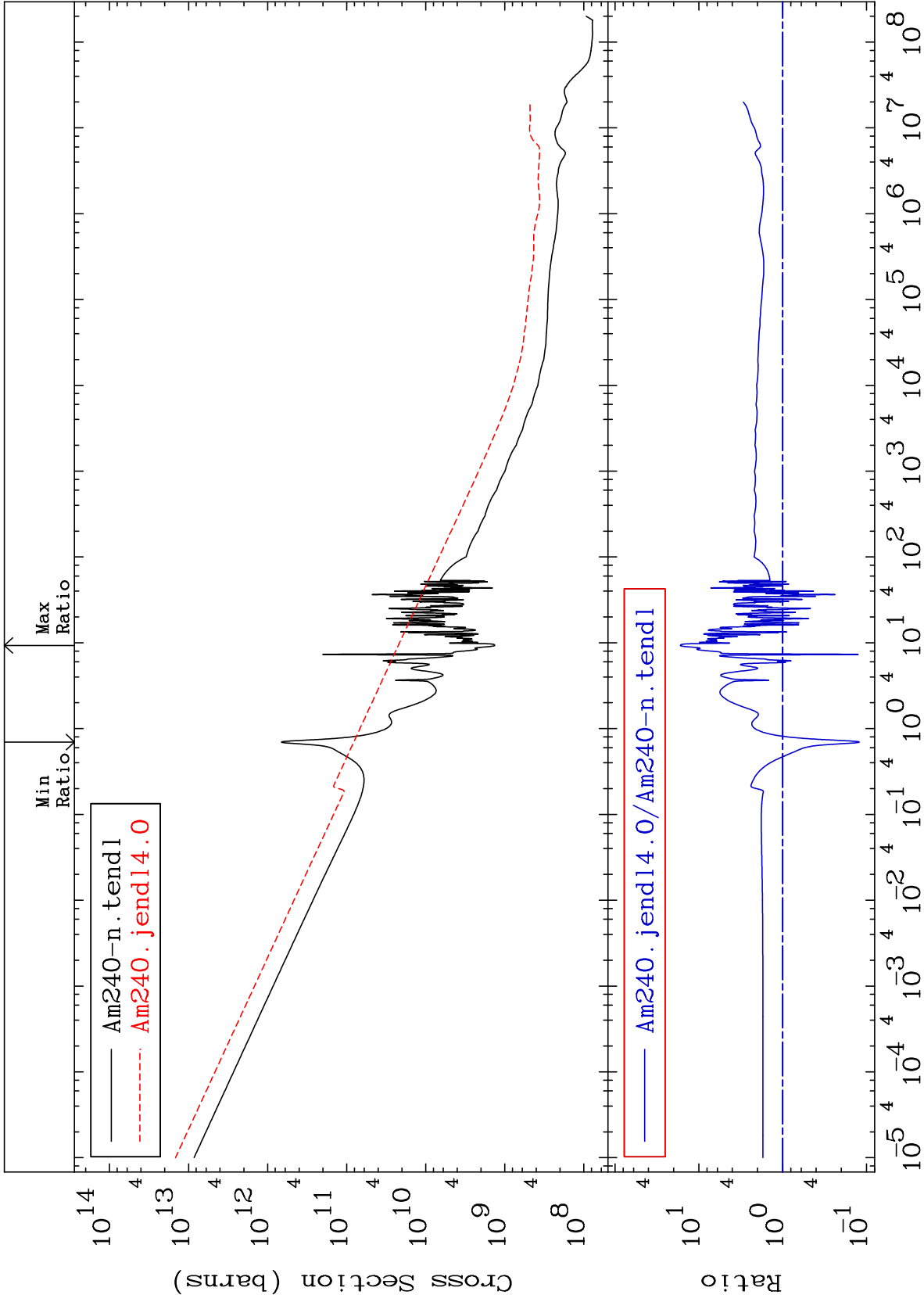
Incident Energy (eV)

95-Am-240

MAT 9540

Kerma total (eV-barns)  
Cross Section

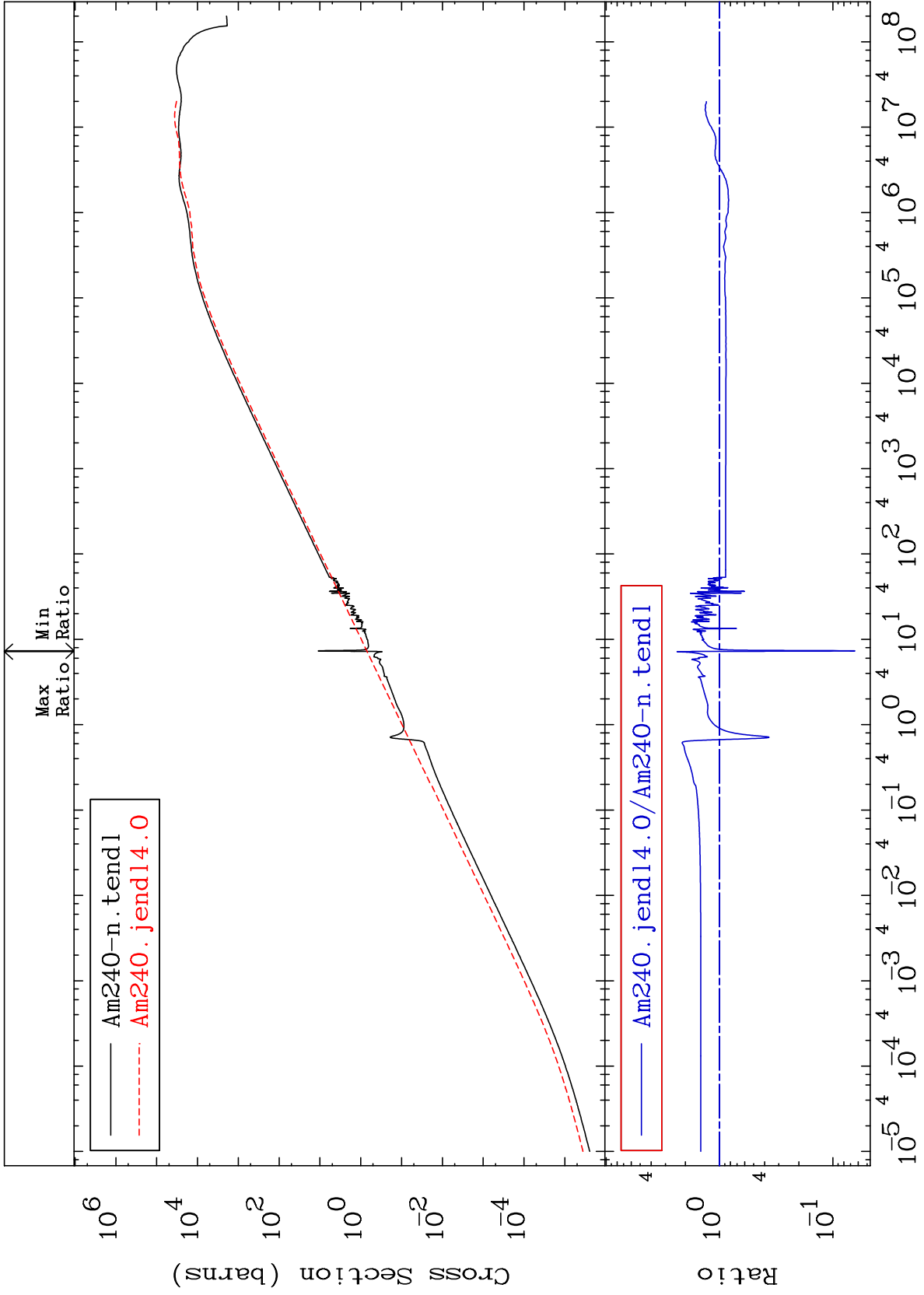
95-Am-240  
-87.86 To 1559. %



MAT 9540

Kerma elastic  
Cross Section

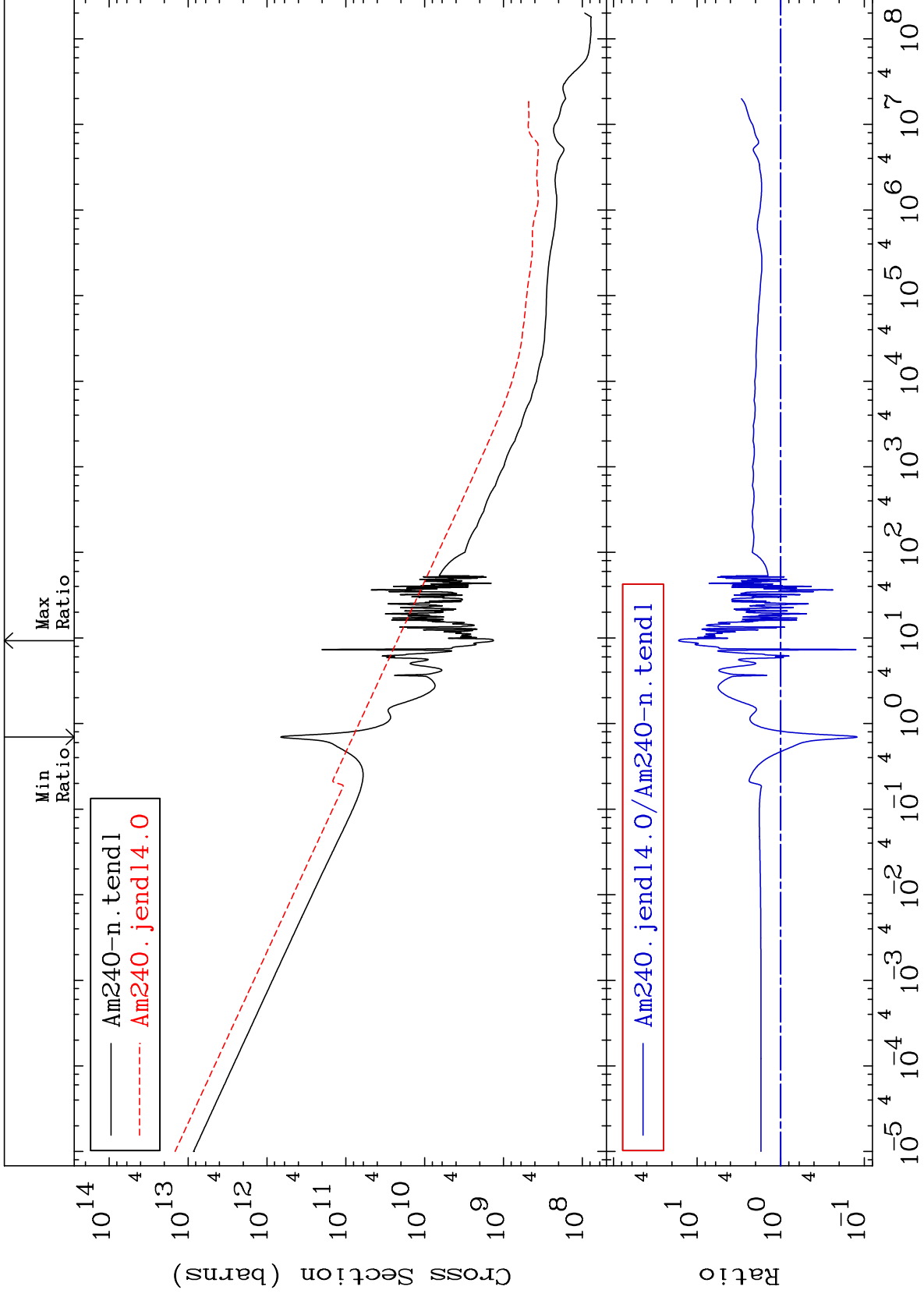
95-Am-240  
-93.62 To 137.4 %

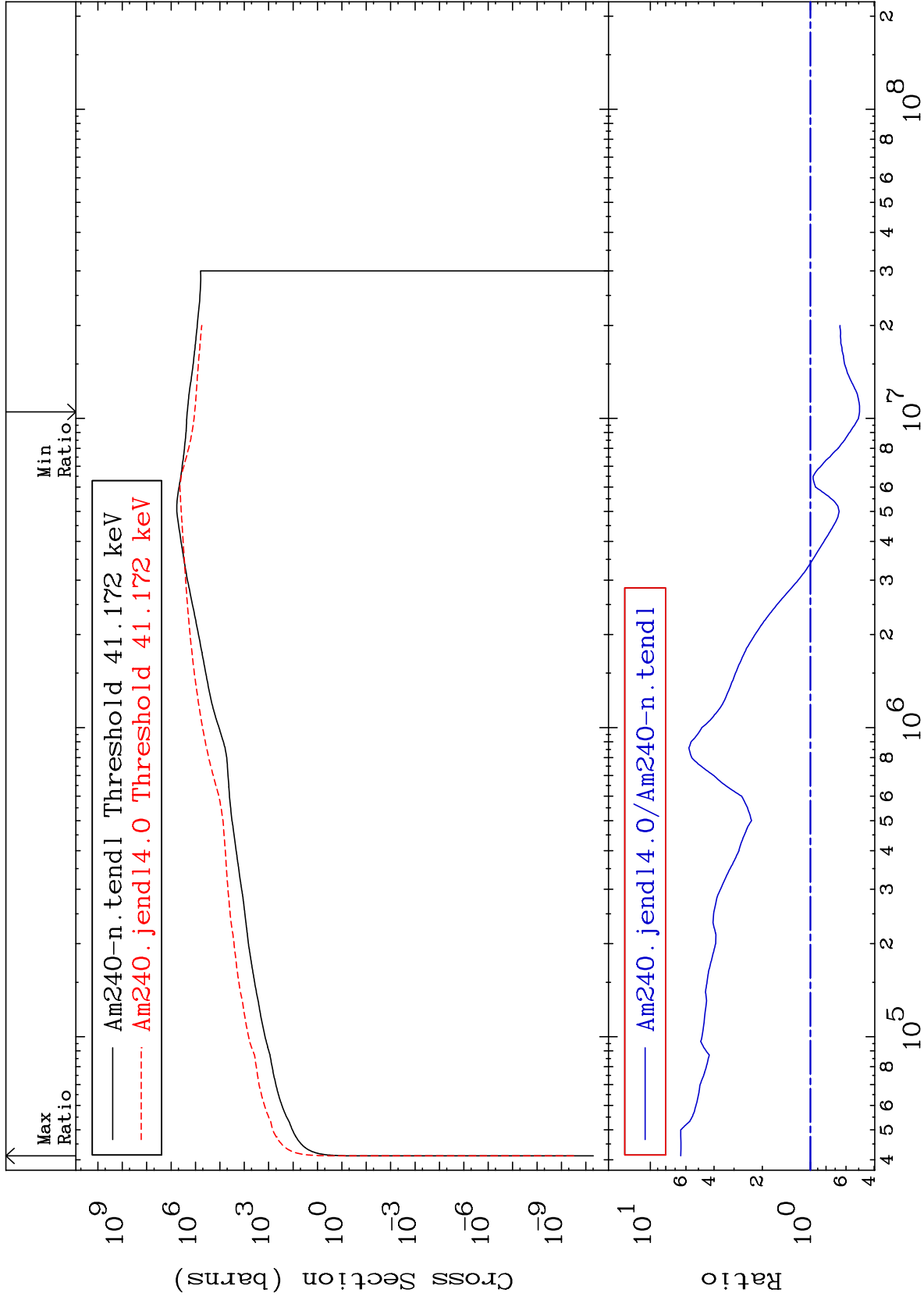


MAT 9540

Kerma non-elastic (all but mt2)  
Cross Section

95-Am-240  
-87.86 To 1559. %

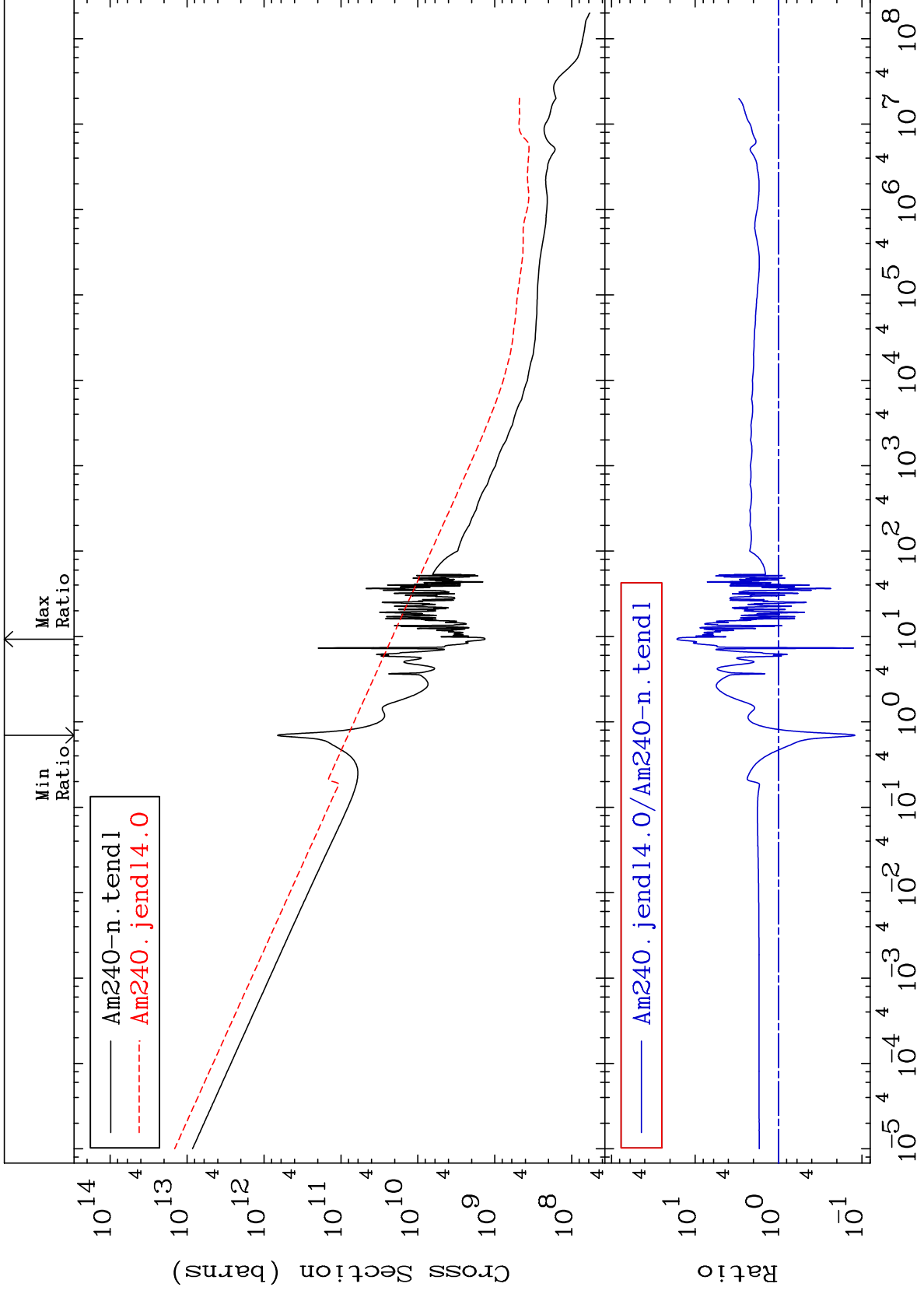




MAT 9540

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

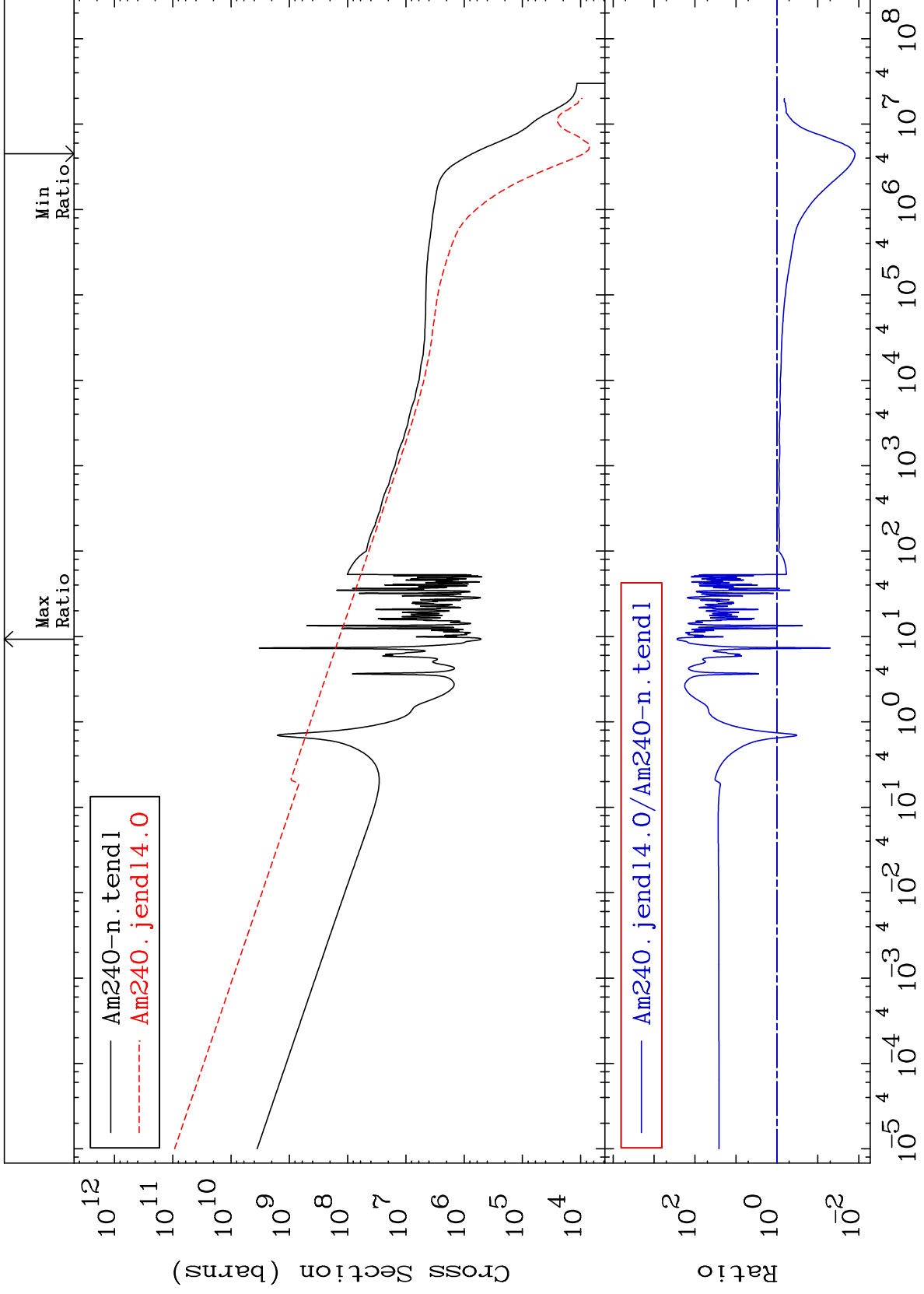
95-Am-240  
-87.91 To 1549. %



MAT 9540

Kerma capture (mt102)  
Cross Section

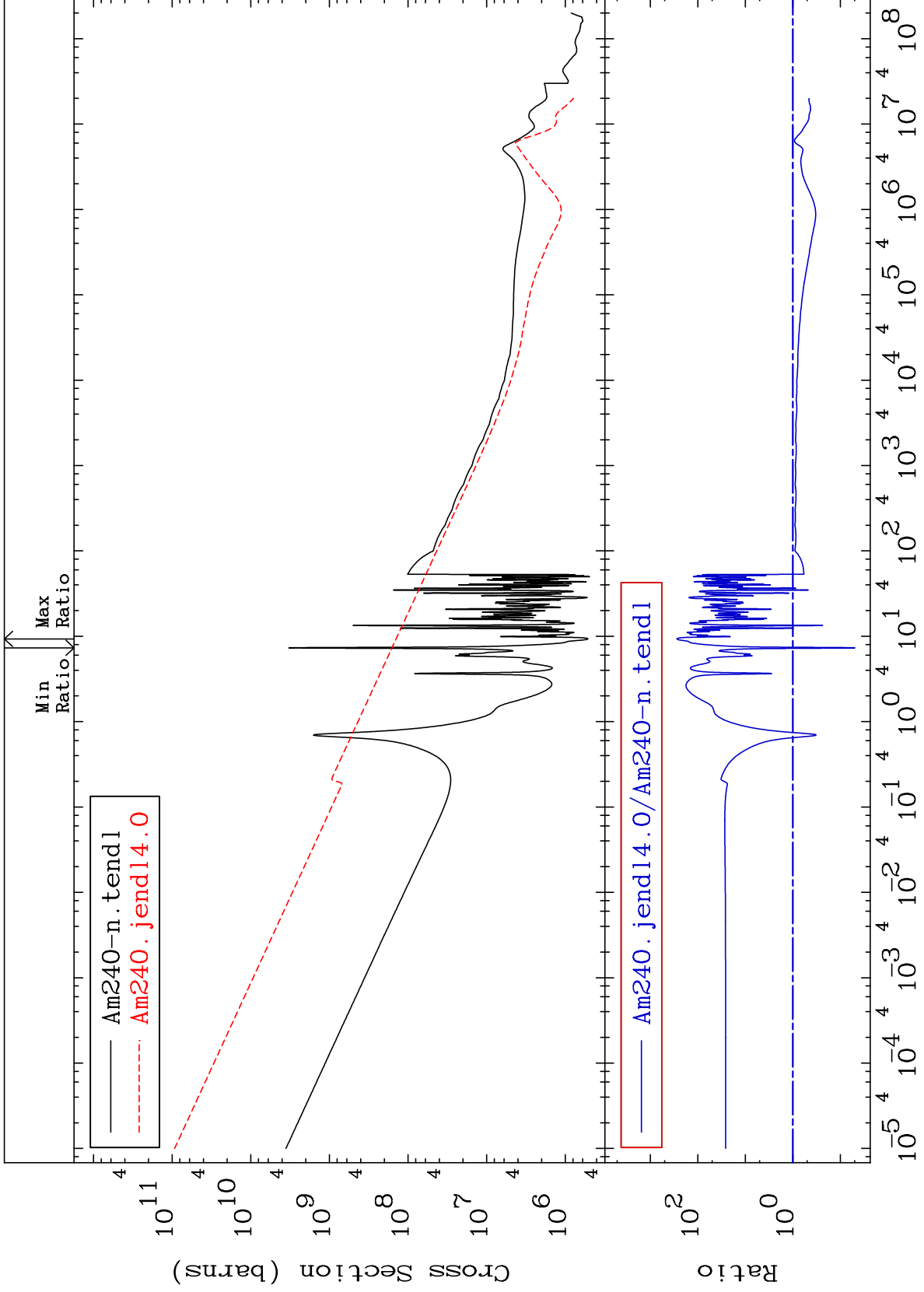
95-Am-240  
-98.77 To 9999. %



MAT 9540

Total photon (eV-barns)  
Cross Section

95-Am-240  
-95.11 To 9999. %

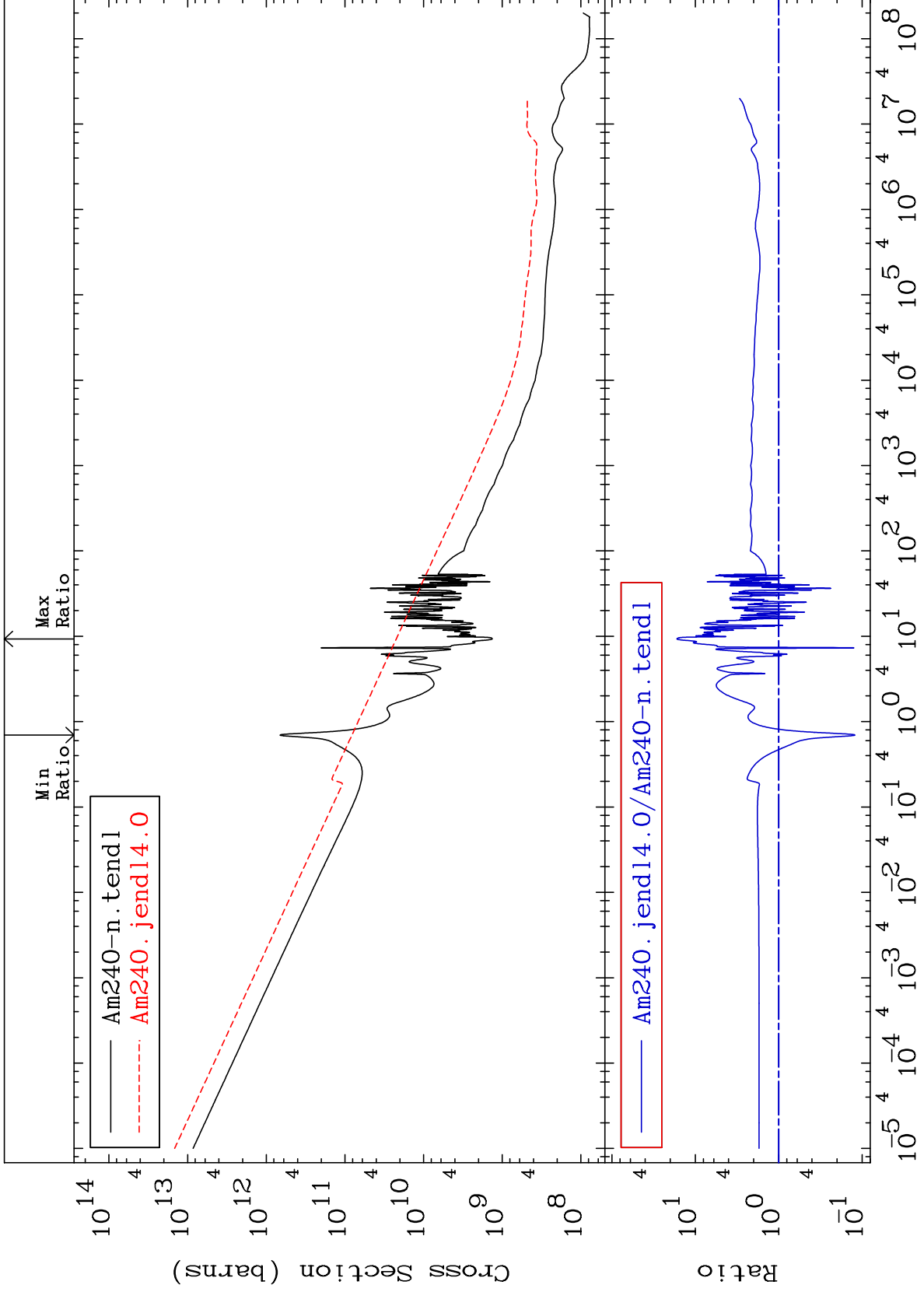




MAT 9540

Total kinematic kerma (high limit)  
Cross Section

95-Am-240  
-87.86 To 1559. %



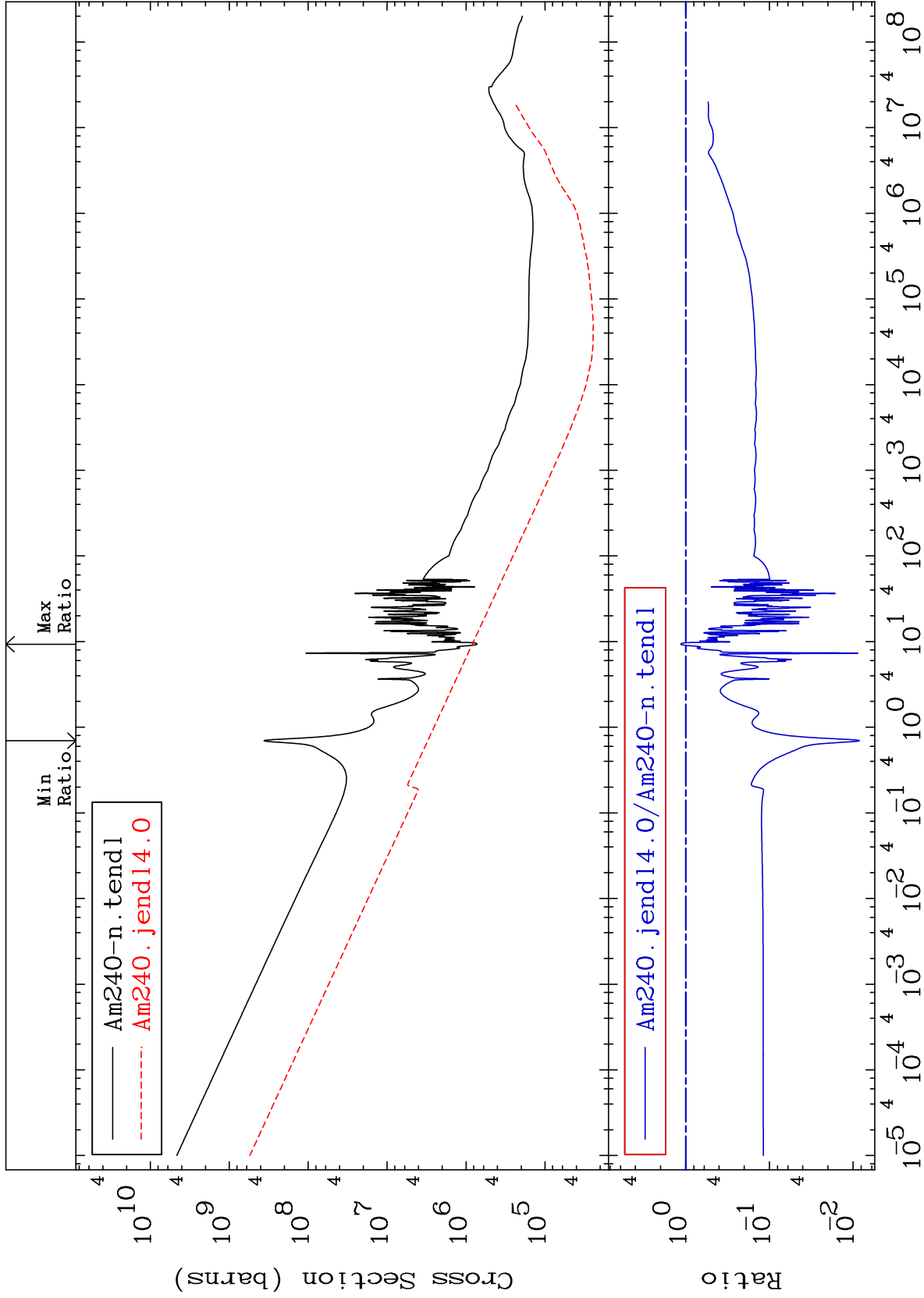
MAT 9540

Dpa total (eV-barns)

95-Am-240

-99.16 To 14.55 %

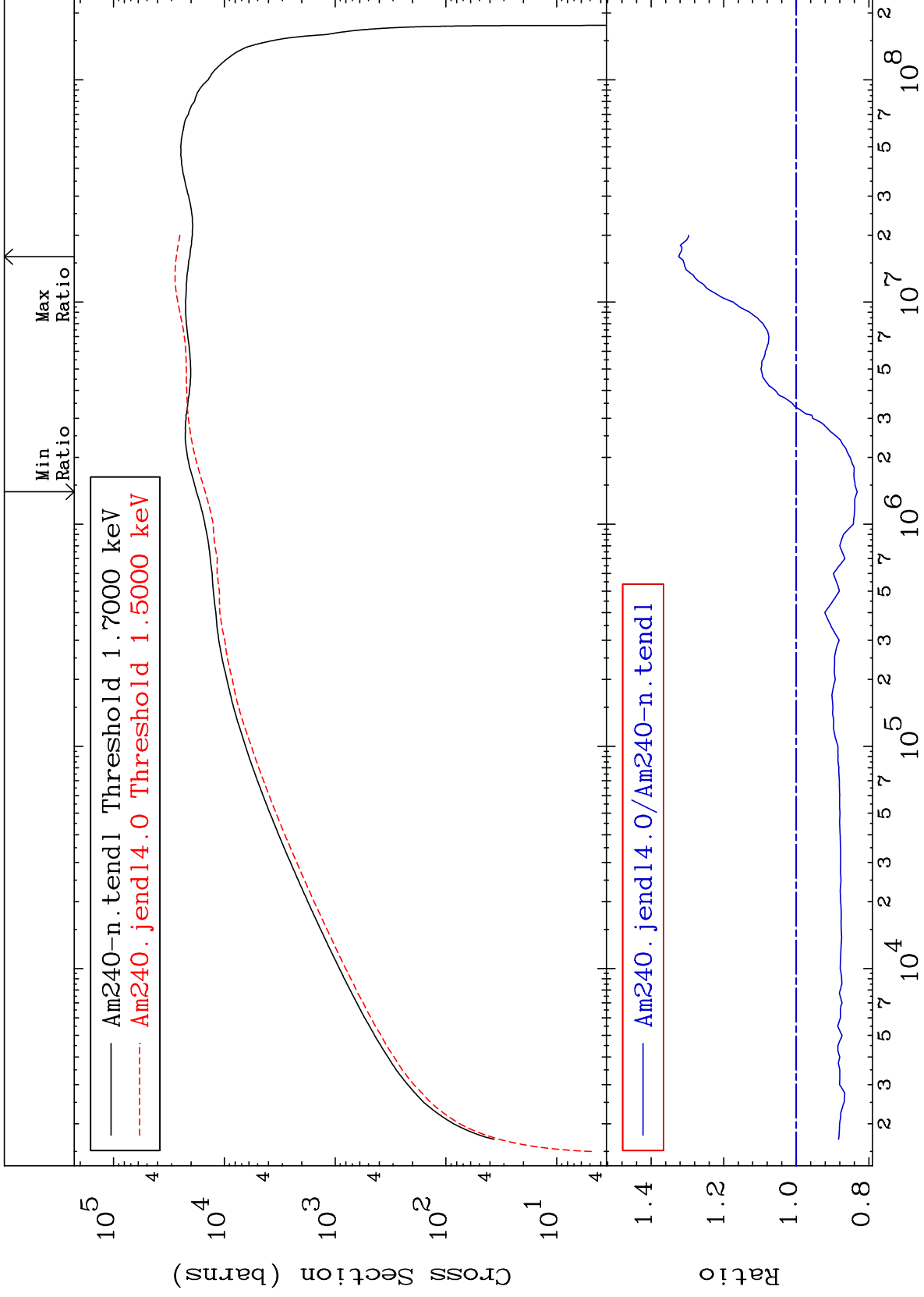
Cross Section



MAT 9540

Dpa elastic (mt2)  
Cross Section

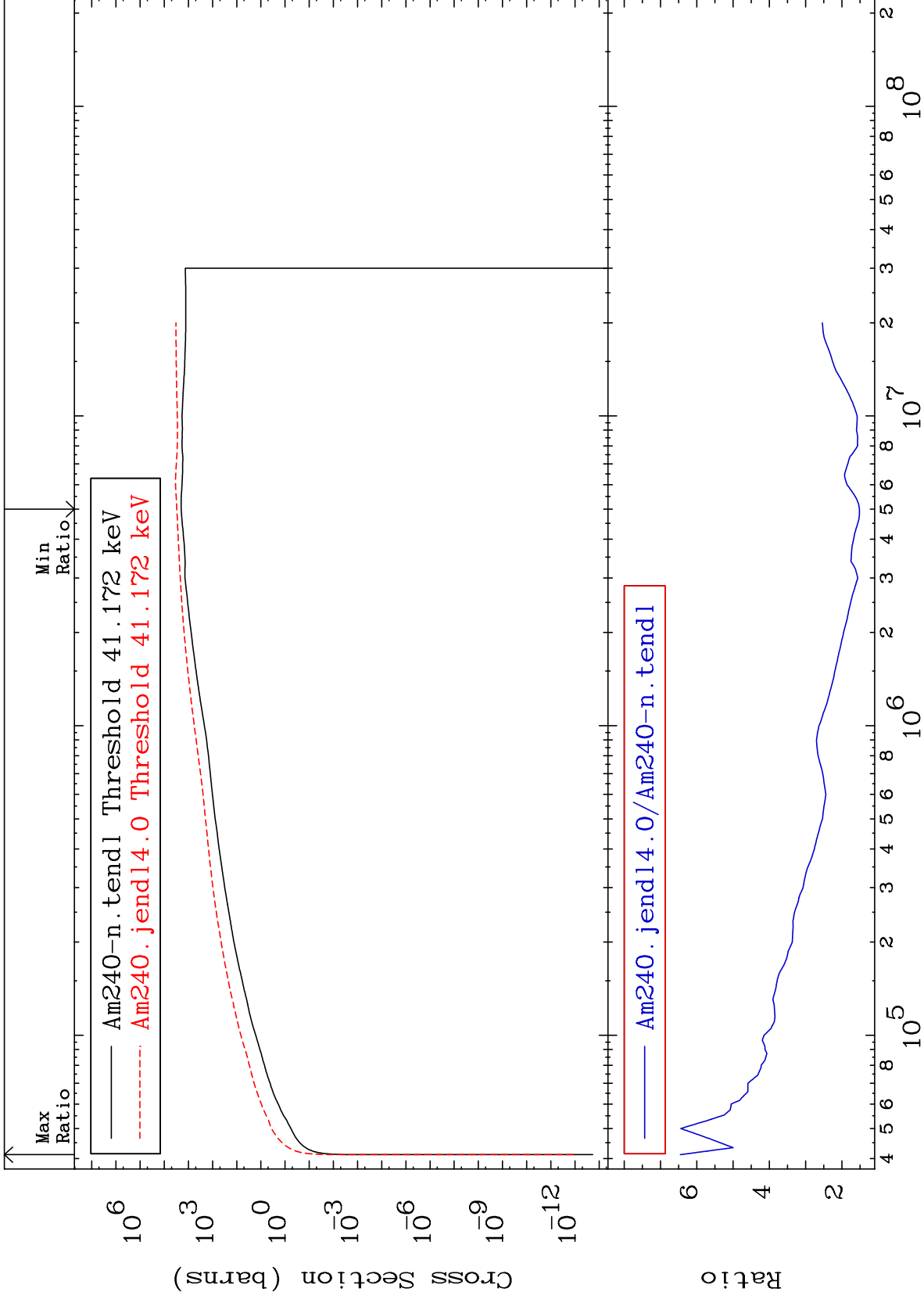
95-Am-240  
-16.82 To 32.41 %



MAT 9540

Dpa inelastic (mt51-91)  
Cross Section

95-Am-240  
51.64 To 545.3 %



MAT 9540

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-240  
-100.0 To 2180. %

