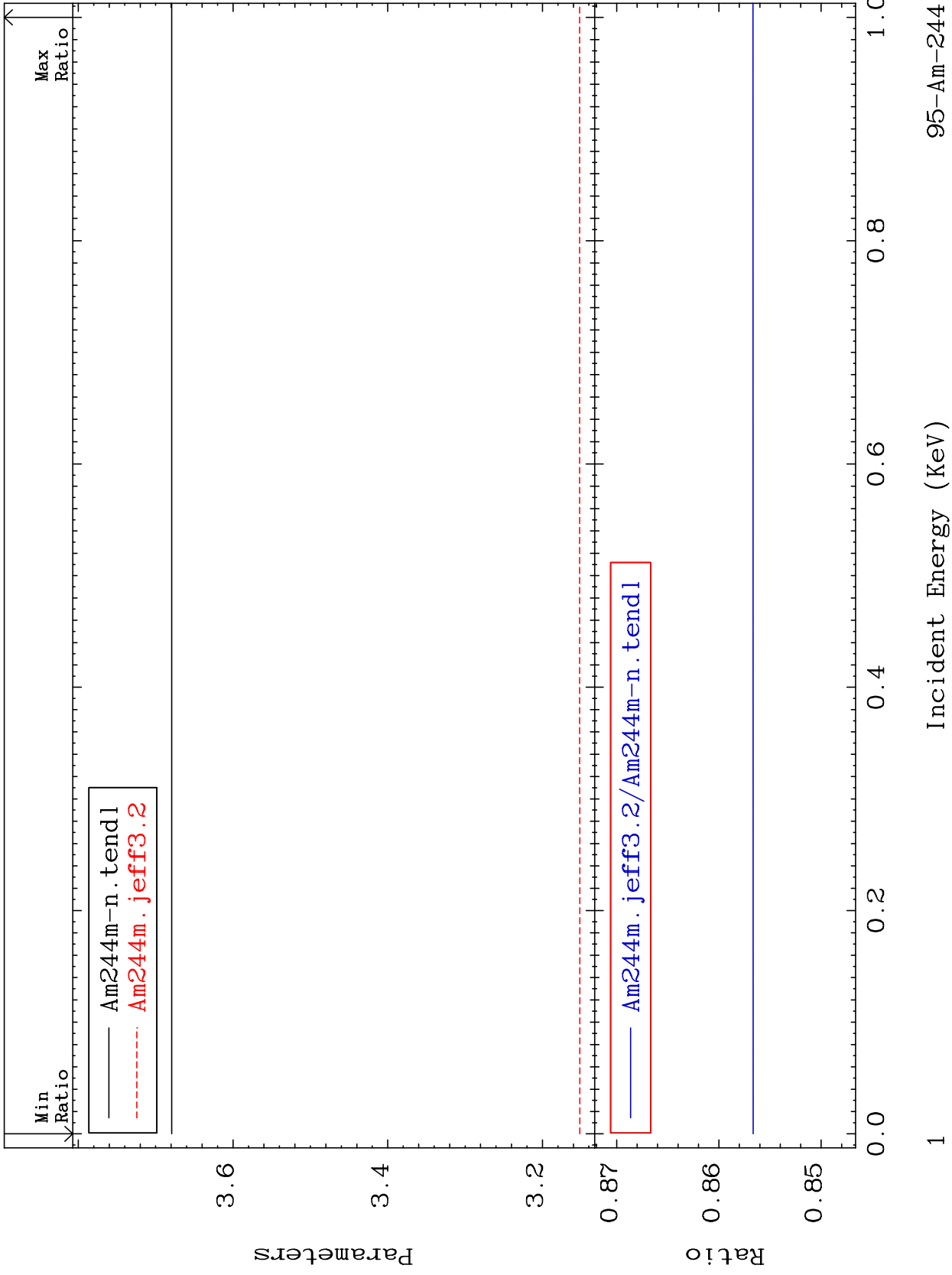


MAT 9553

Total  $\bar{\nu}$   
Parameters

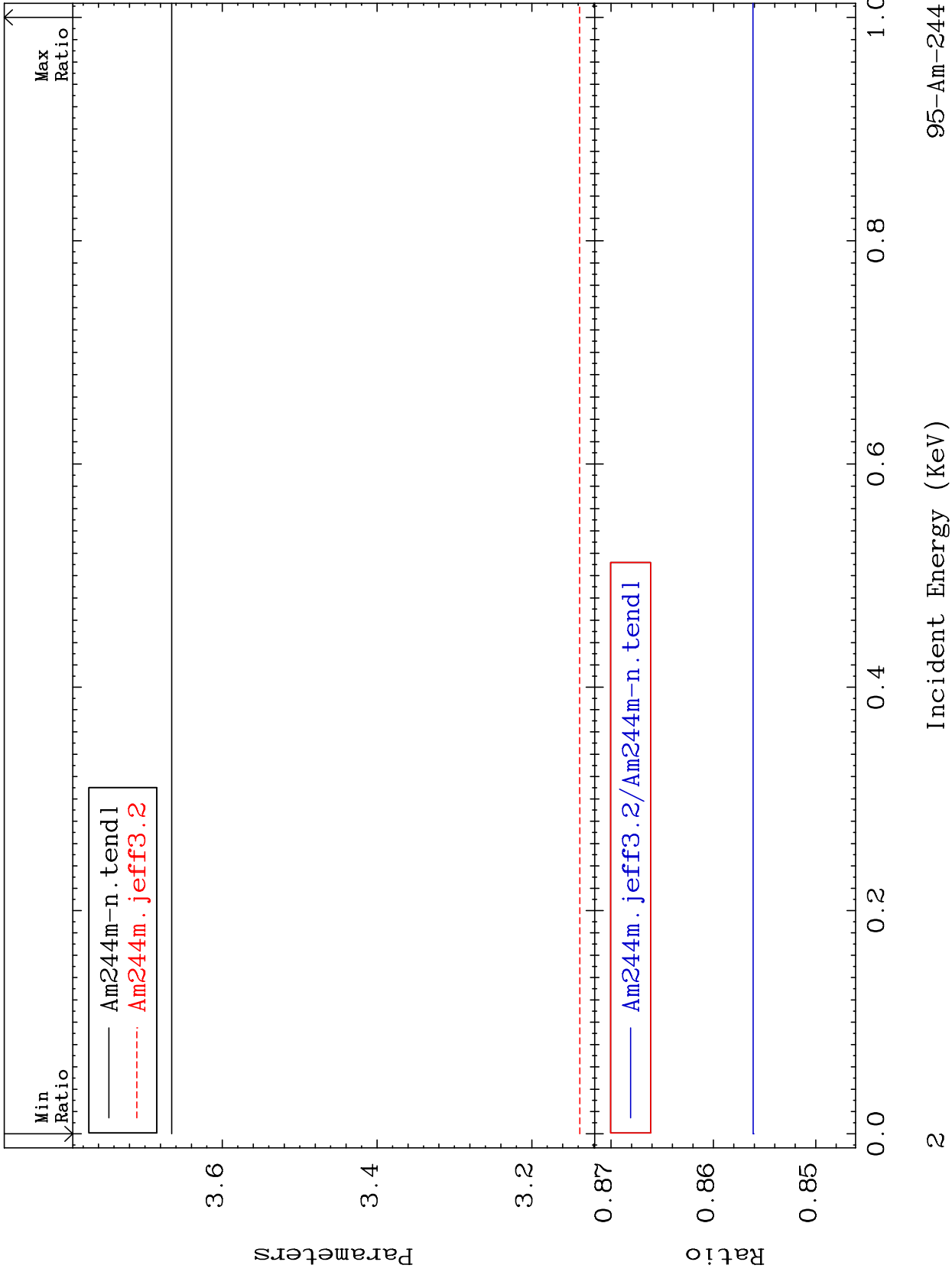
95-Am-244  
-14.33 To -14.33%



MAT 9553

Prompt  $\bar{\nu}$   
Parameters

95-Am-244  
-14.39 To -14.39%



2

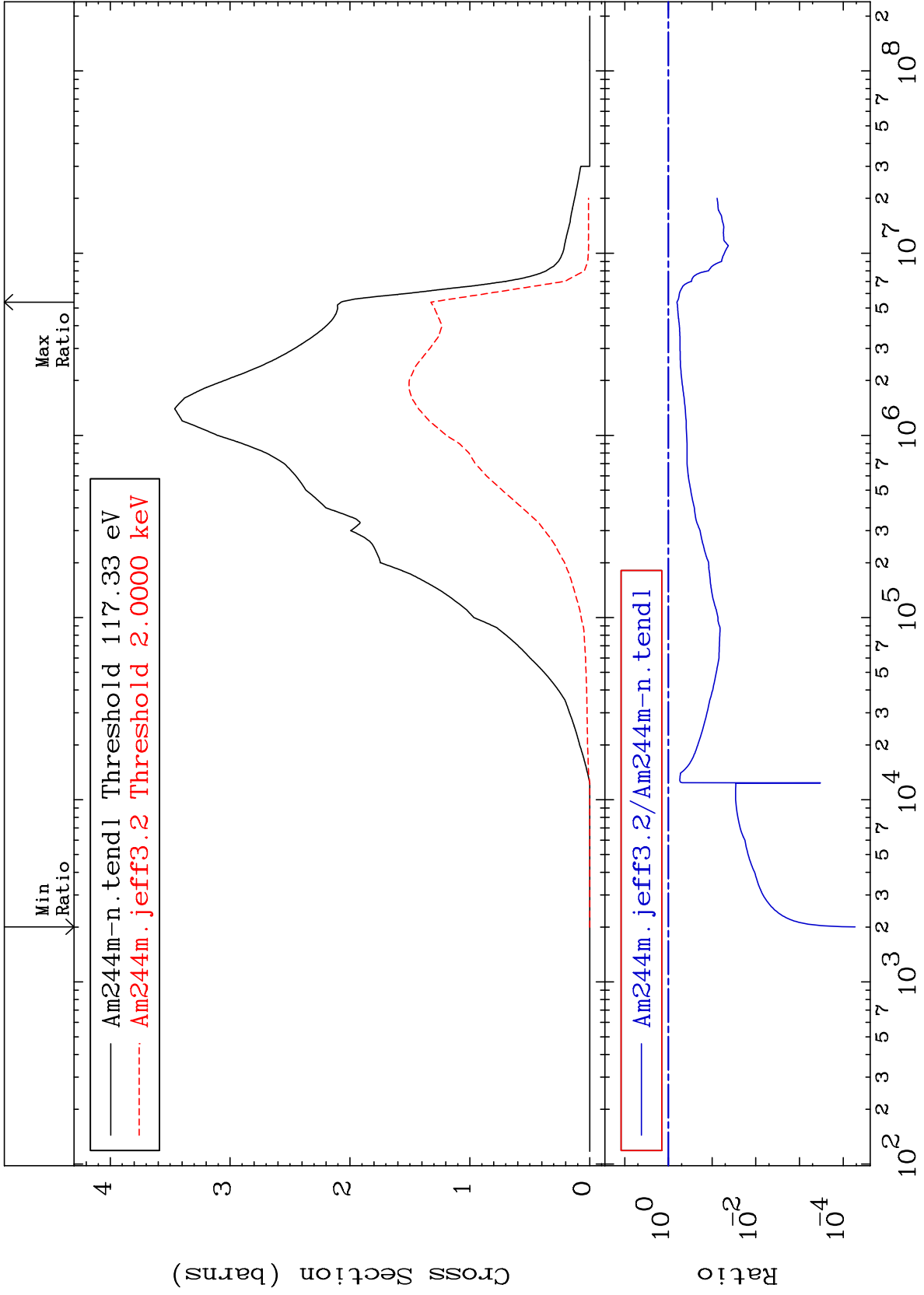
Incident Energy (KeV)

95-Am-244

MAT 9553

Inelastic  
Cross Section

95-Am-244  
-99.99 To -36.07%



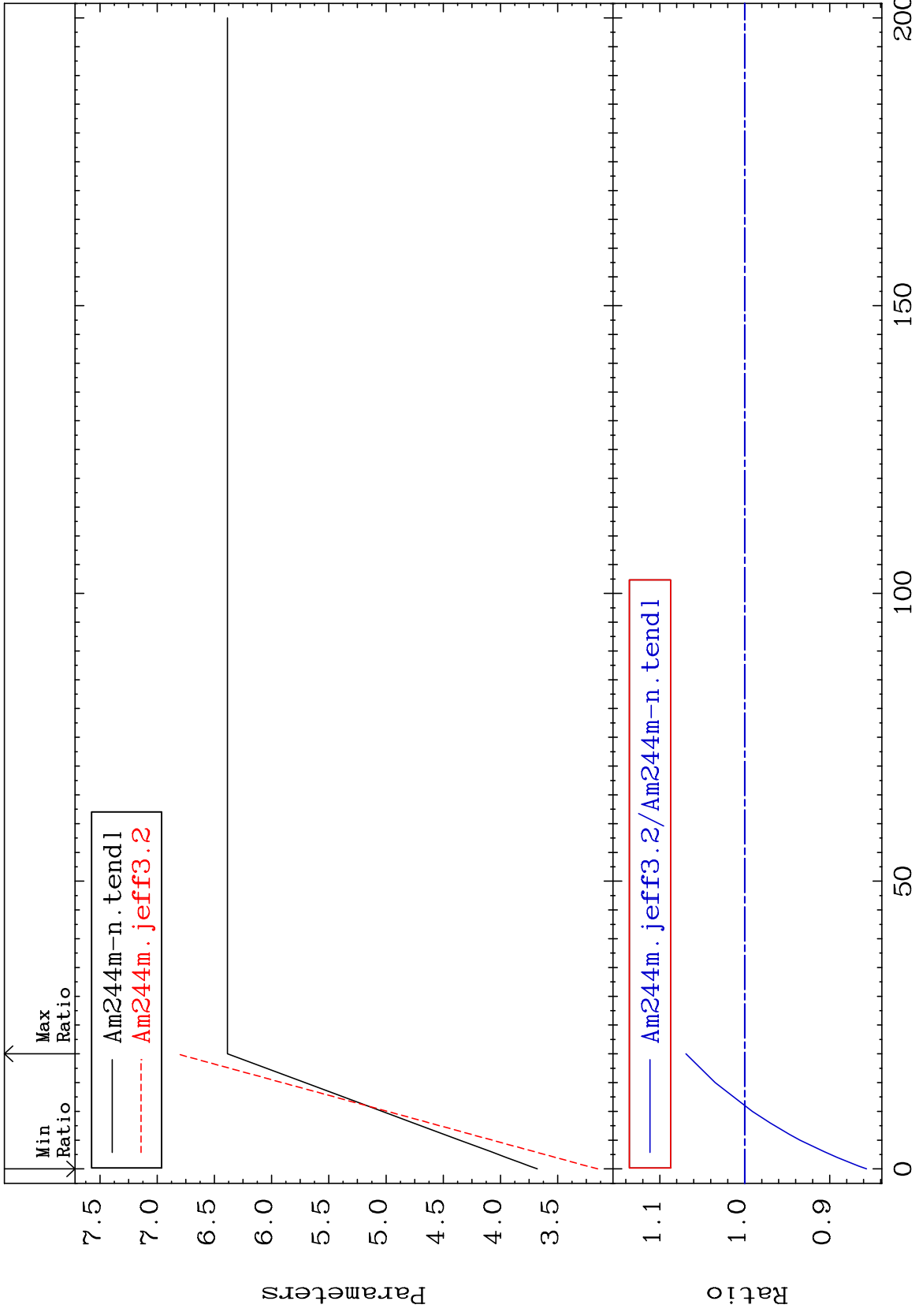
95-Am-244

3

MAT 9553

Total  $\bar{\nu}$   
Parameters

95-Am-244  
-14.33 To 6.916 %



Incident Energy (MeV)

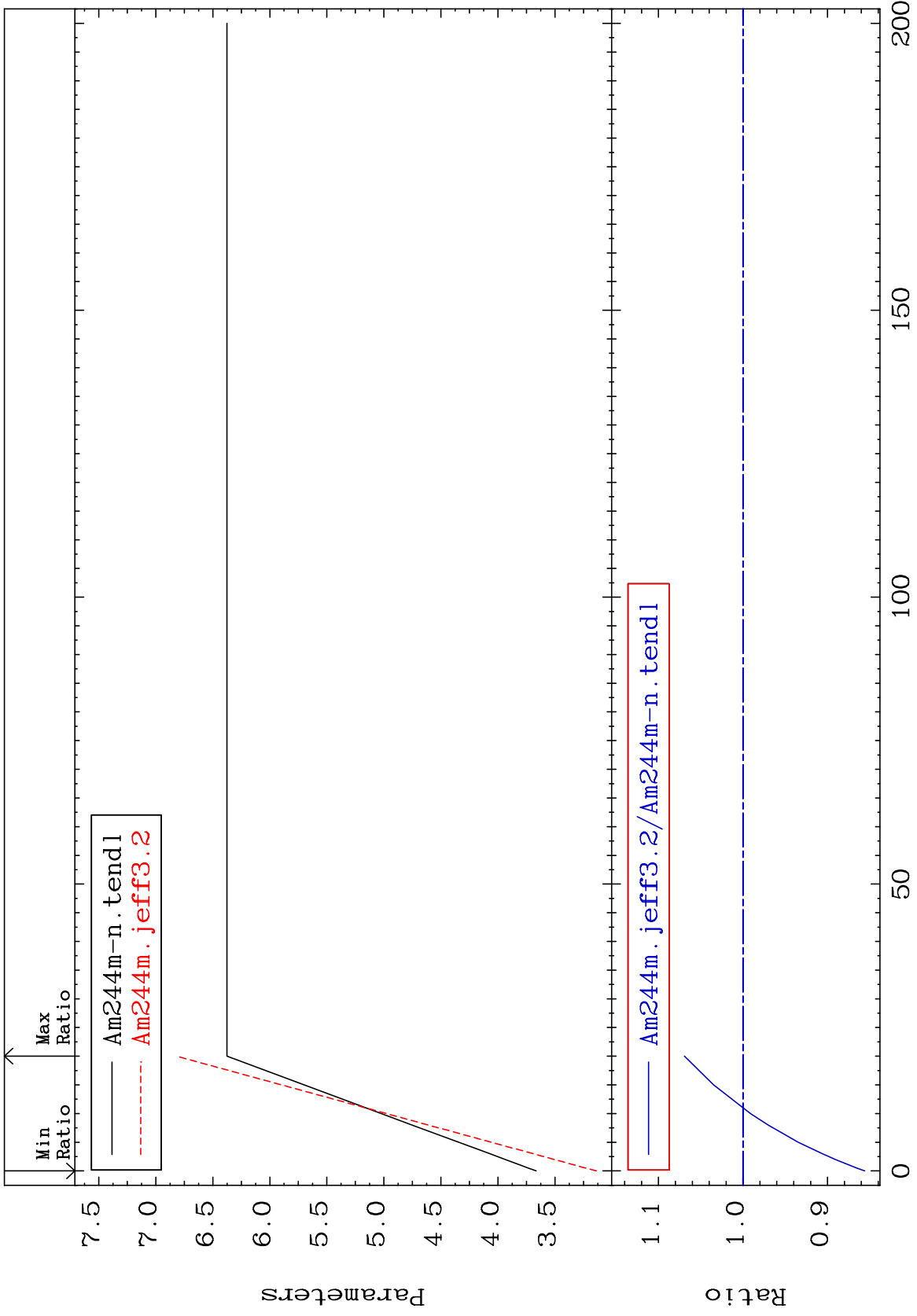
95-Am-244

1

MAT 9553

Prompt  $\bar{\nu}$   
Parameters

95-Am-244  
-14.39 To 6.926 %



2

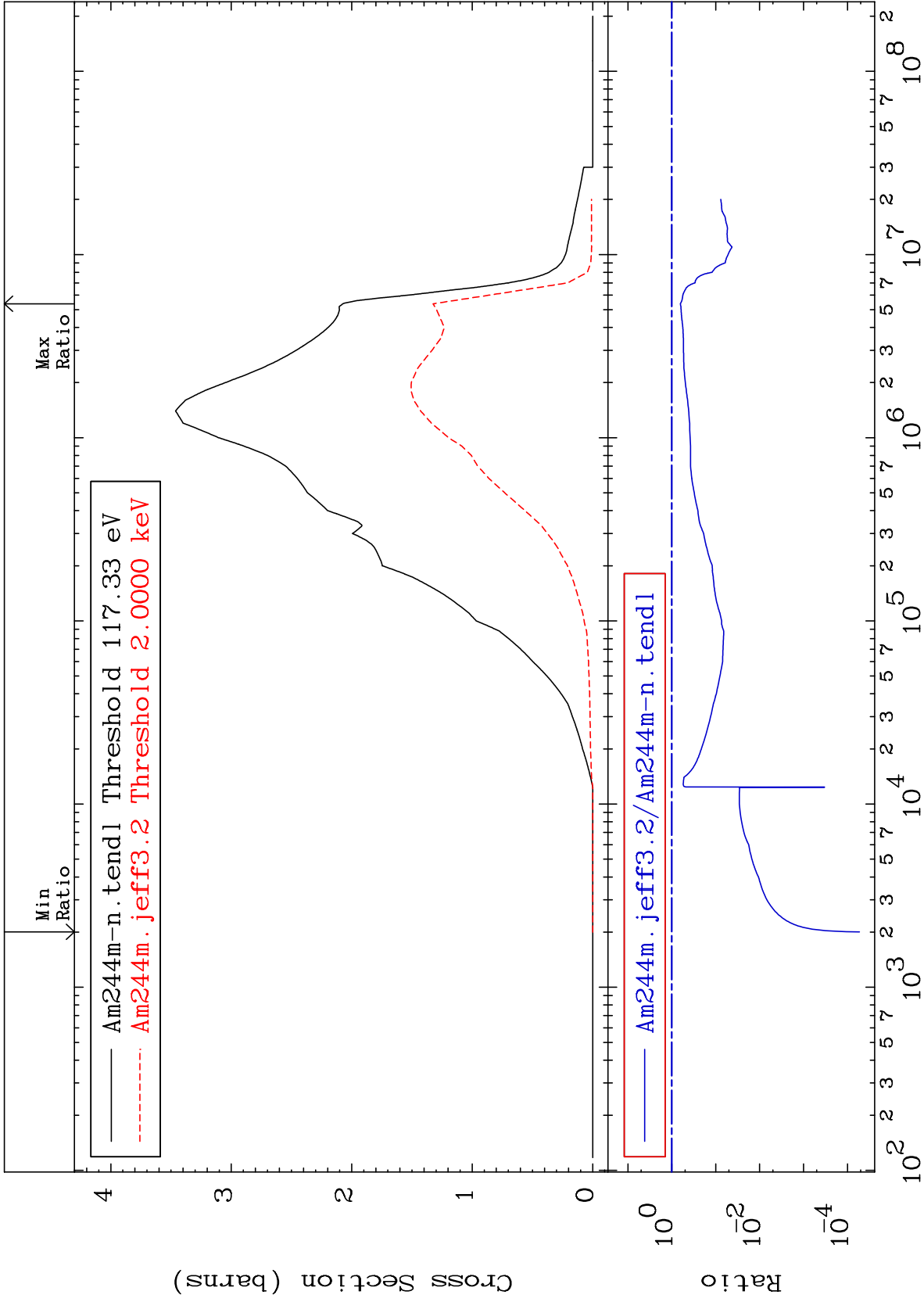
Incident Energy (MeV)

95-Am-244

MAT 9553

Inelastic  
Cross Section

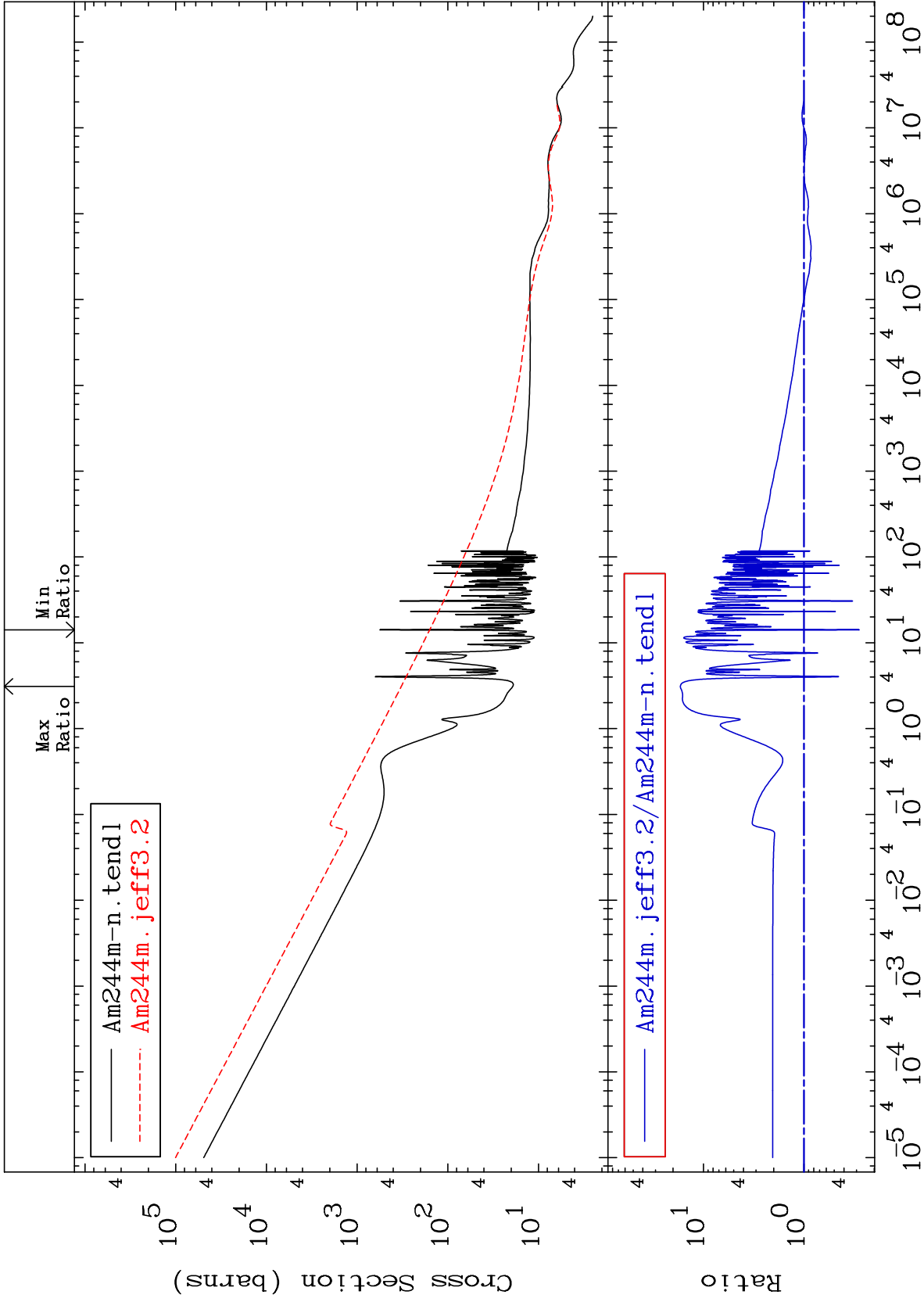
95-Am-244  
-99.99 To -36.07%



95-Am-244

MAT 9553

Total Cross Section  
95-Am-244  
-71.95 To 1594. %



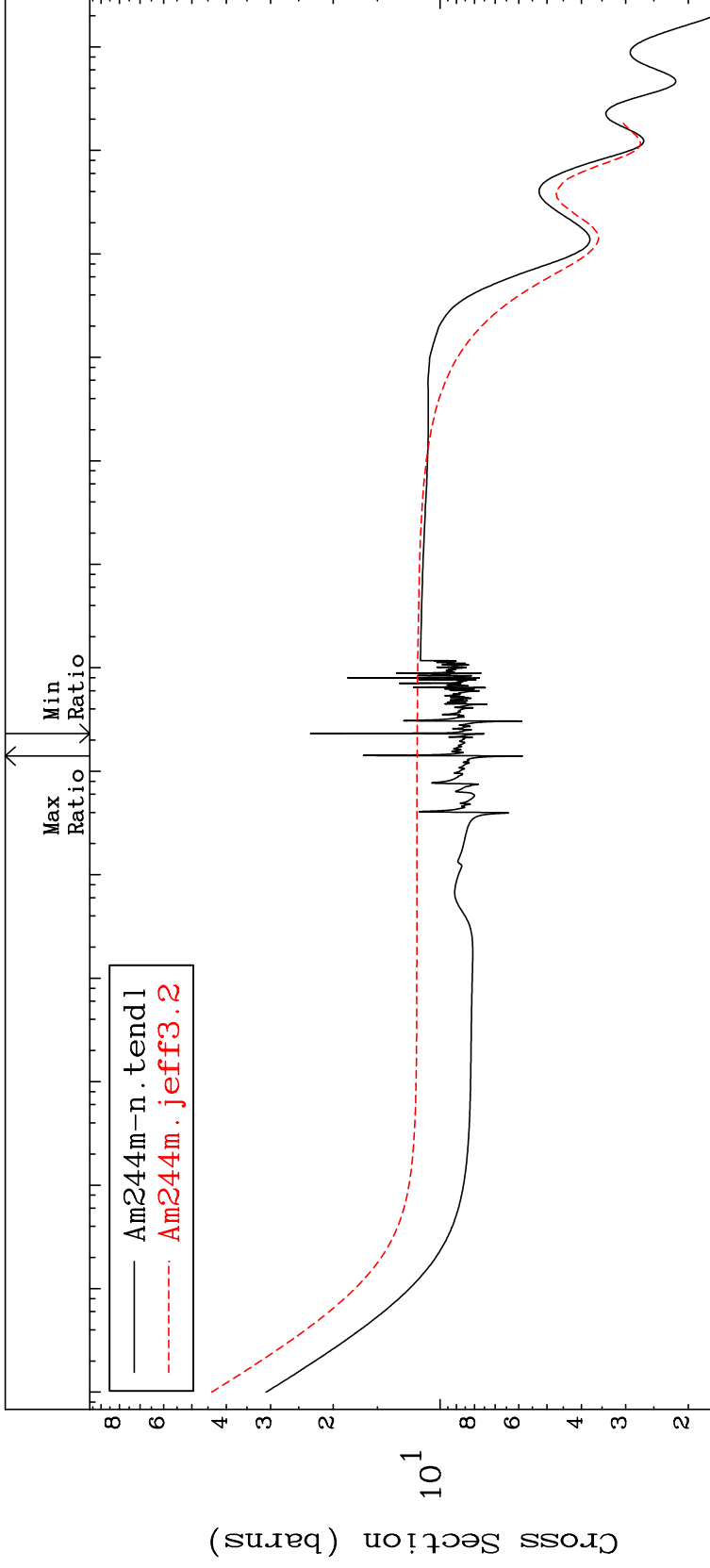
95-Am-244

Incident Energy (eV)

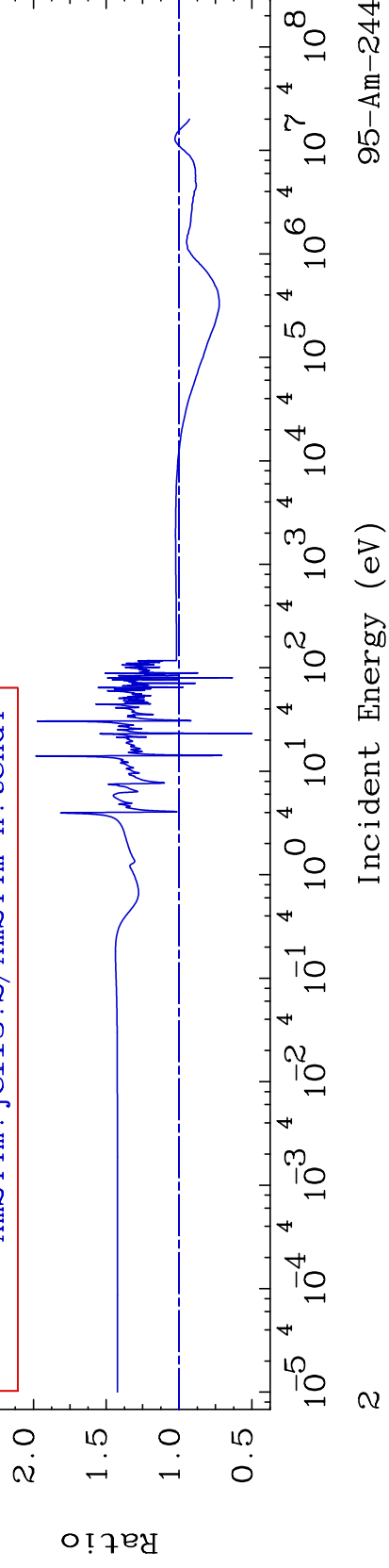
MAT 9553

Elastic  
Cross Section

95-Am-244  
-50.01 To 98.17 %



Am244m.jeff3.2/Am244m-n.tendl

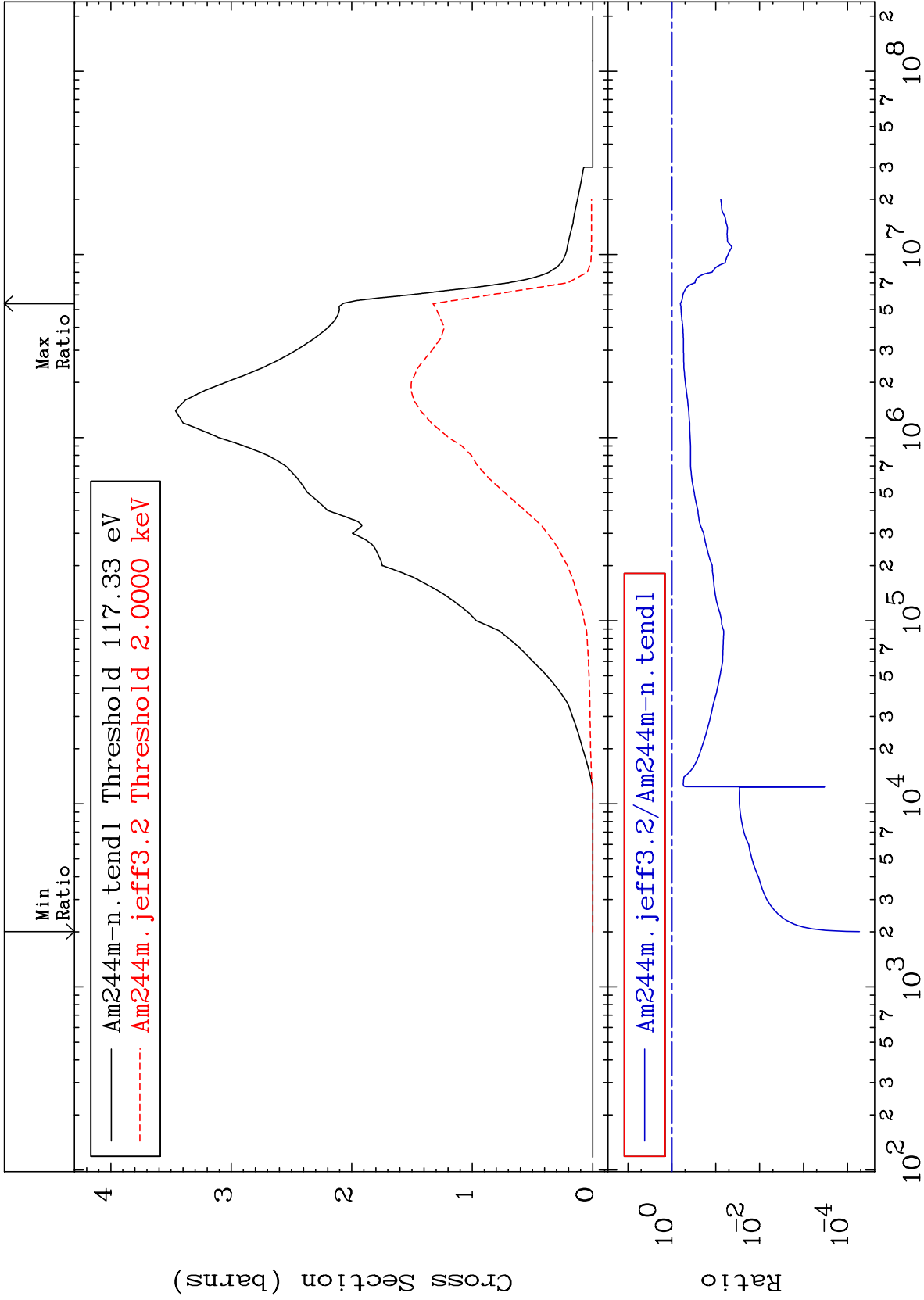




MAT 9553

Inelastic  
Cross Section

95-Am-244  
-99.99 To -36.07%

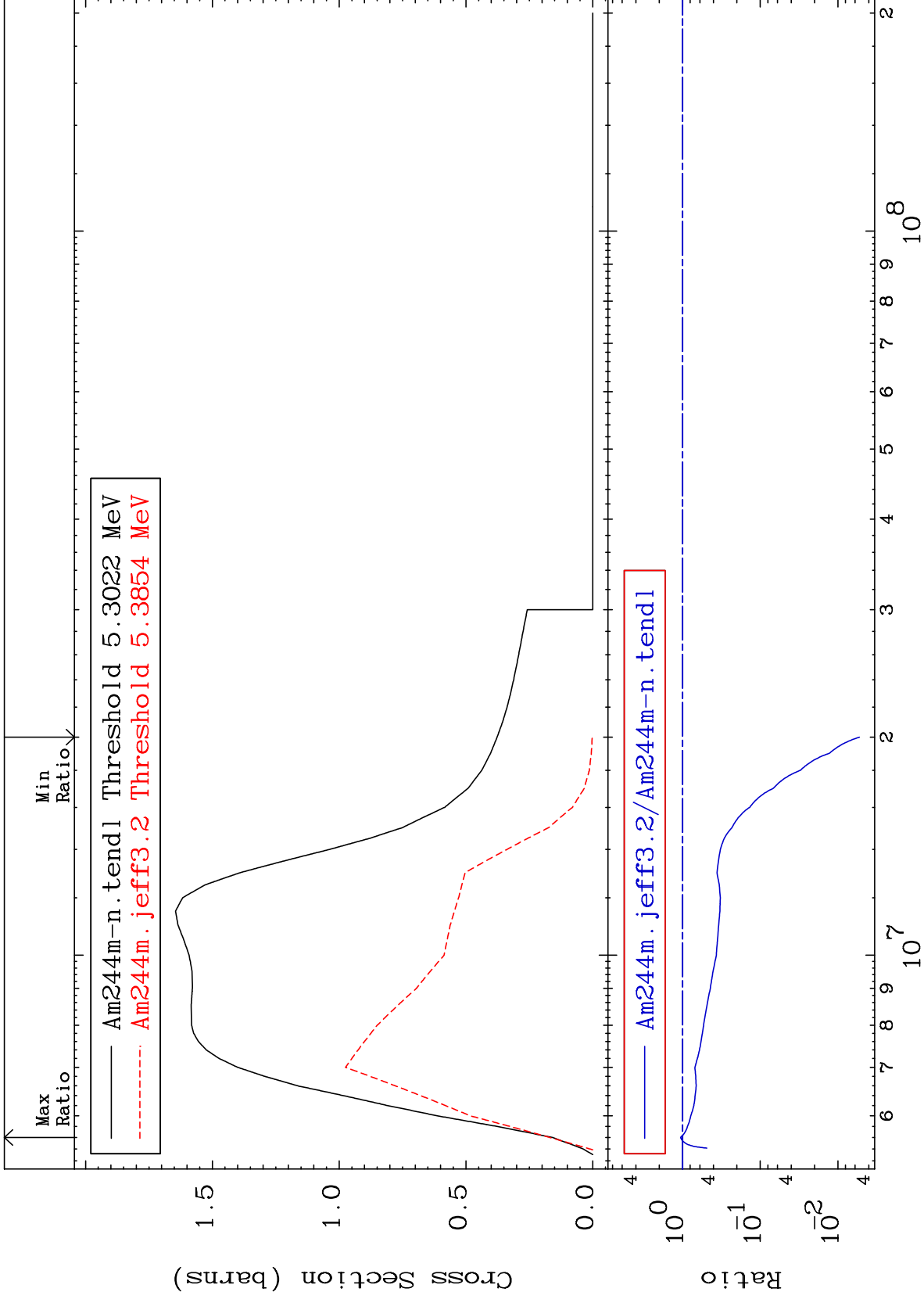


95-Am-244

MAT 9553

(n,2n)  
Cross Section

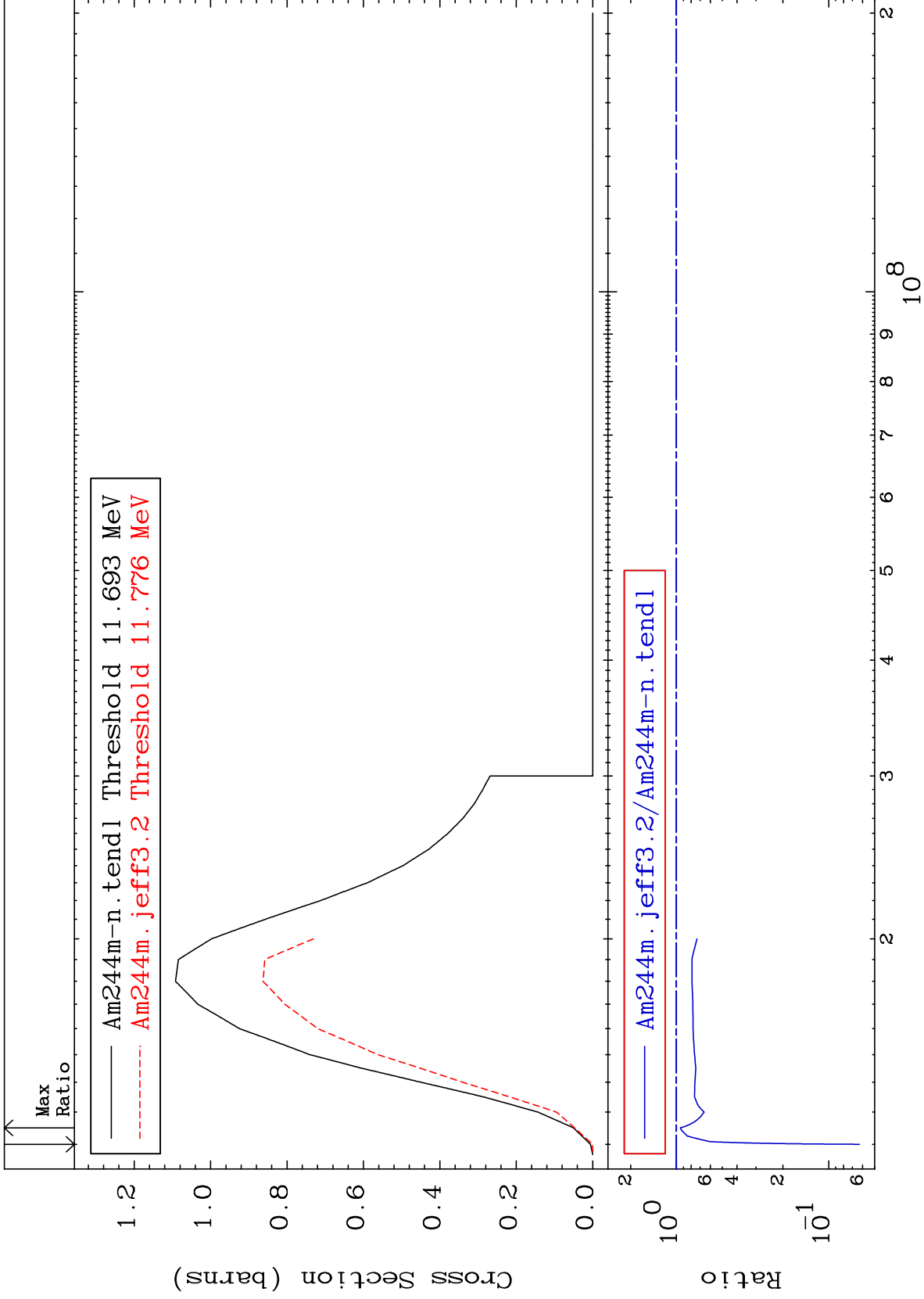
95-Am-244  
-99.47 To 6.971 %



4

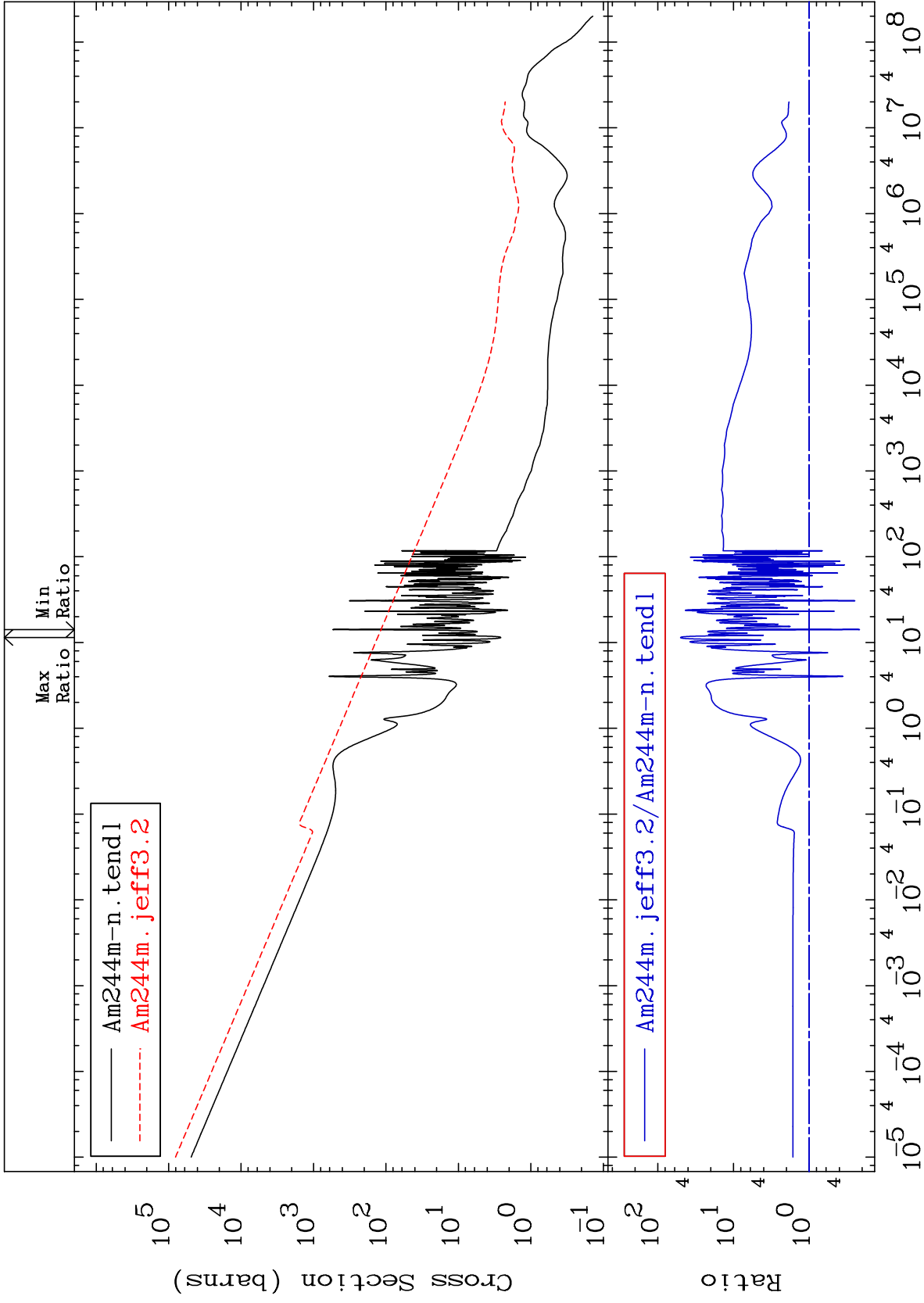
Incident Energy (eV)

95-Am-244



MAT 9553

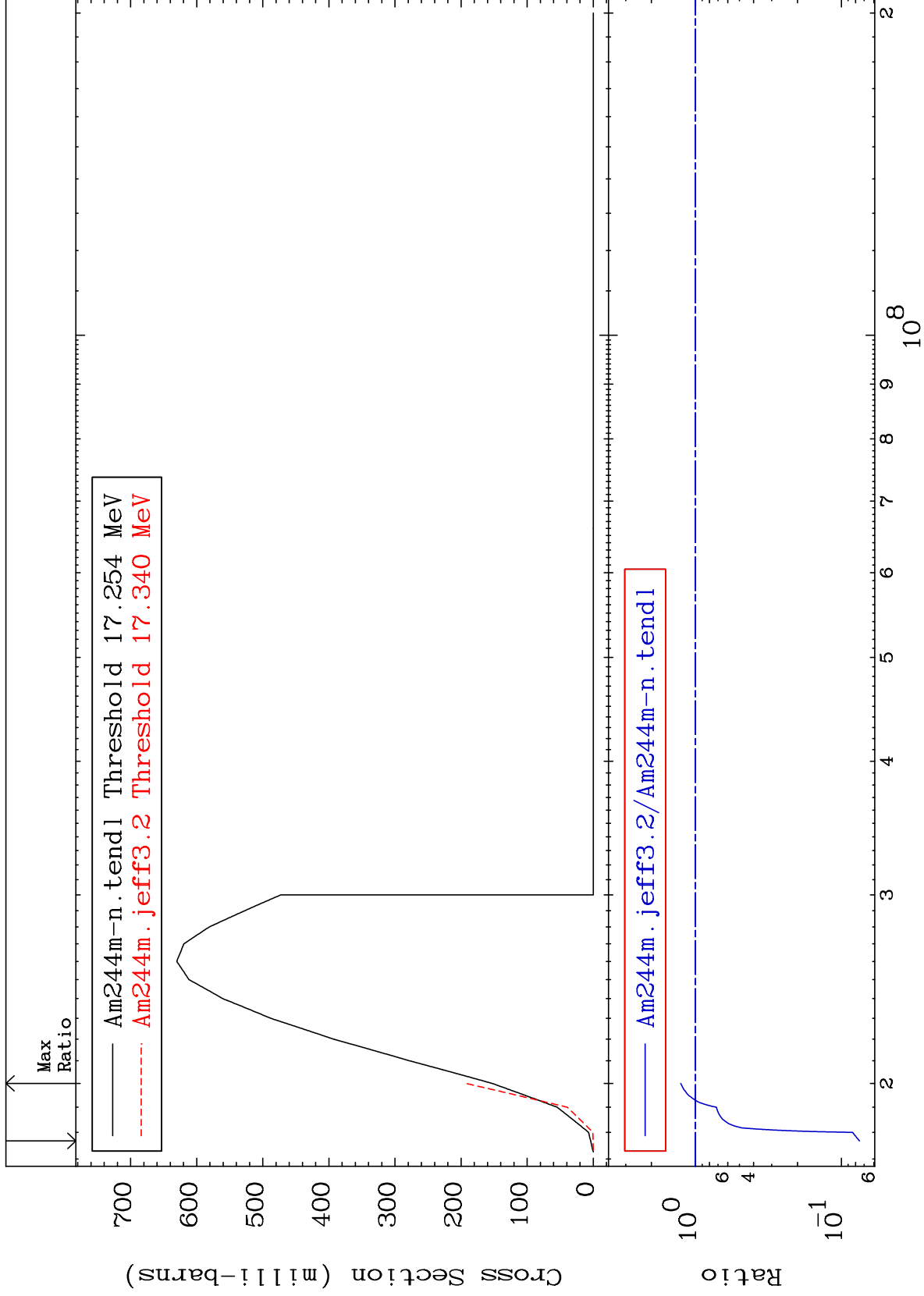
Fission Cross Section 95-Am-244  
-78.28 To 4938. %



MAT 9553

(n,4n)  
Cross Section

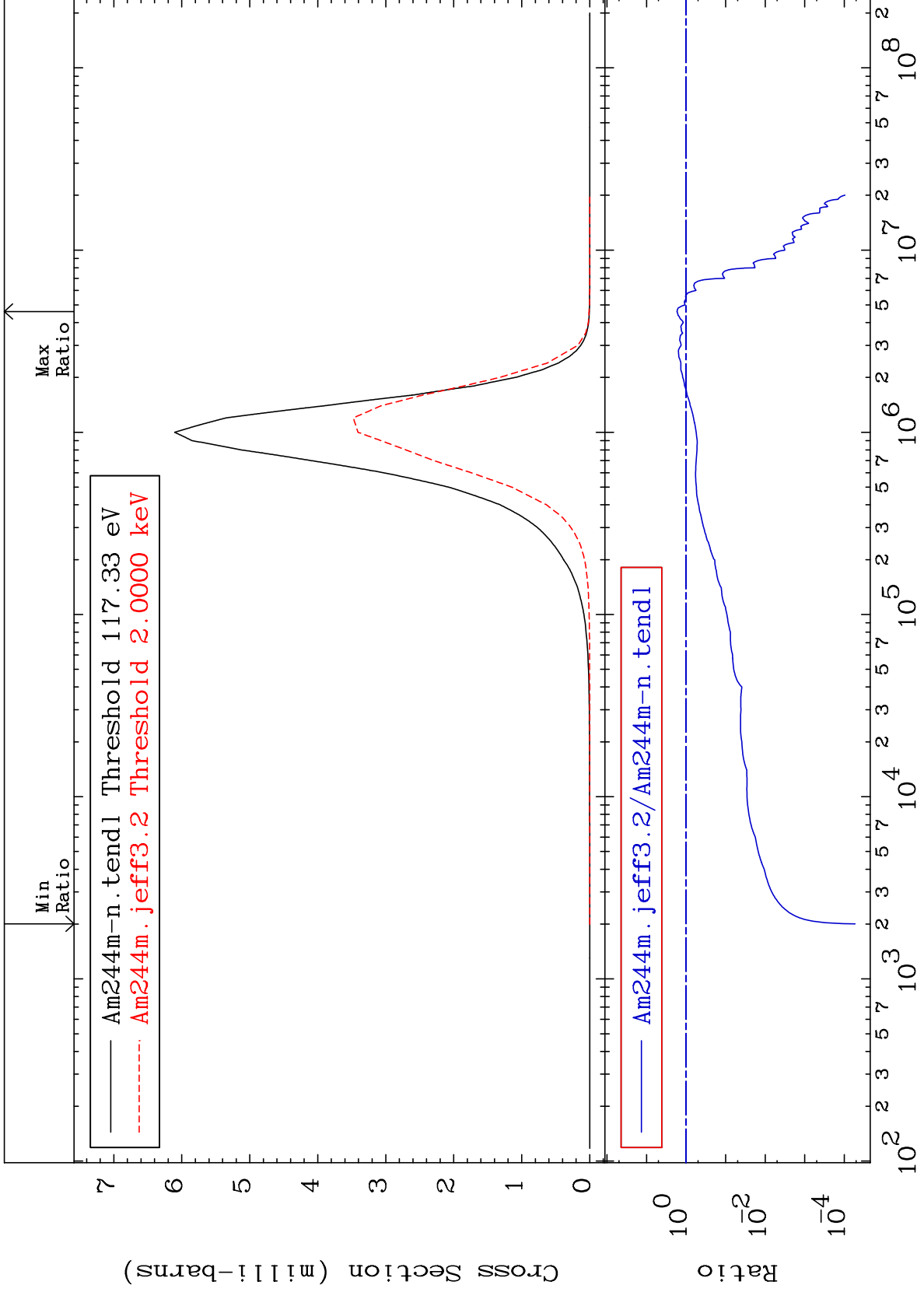
95-Am-244  
-92.48 To 25.95 %



MAT 9553

0.000 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 70.62 %



8

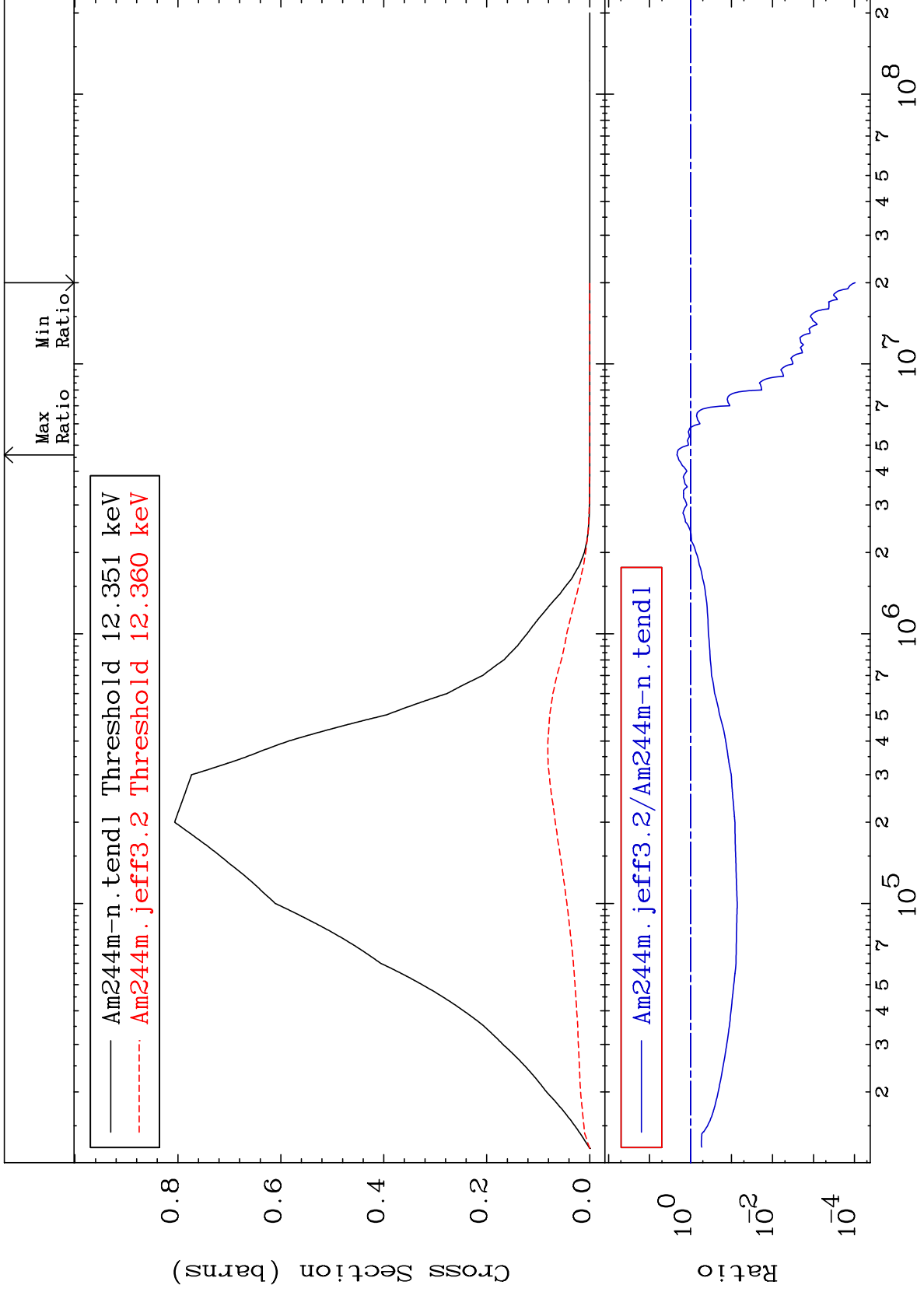
Incident Energy (eV)

95-Am-244

MAT 9553

98.40 keV (n,n') Level  
Cross Section

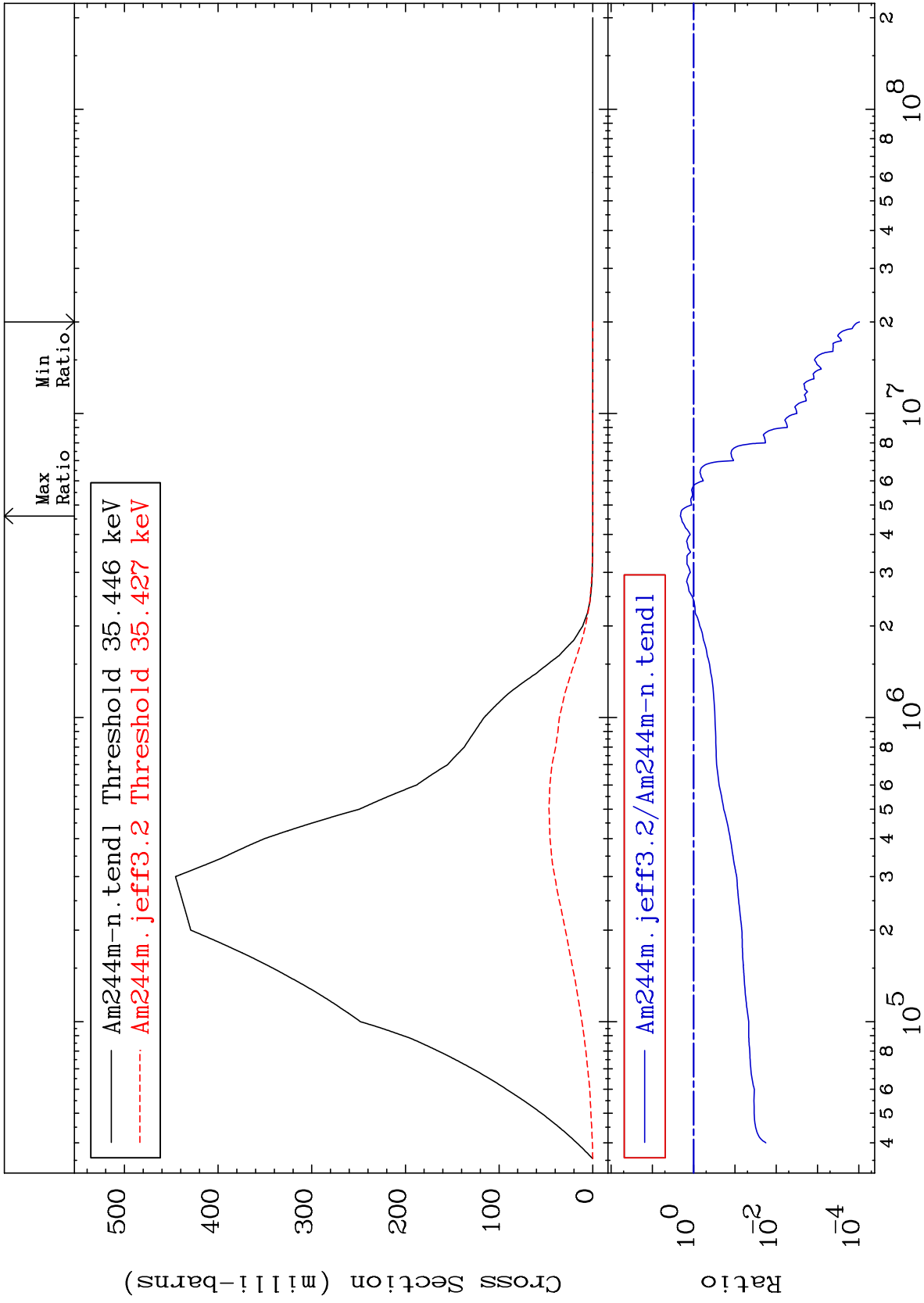
95-Am-244  
-99.99 To 115.1 %



MAT 9553

121.4 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 110.0 %



10

Incident Energy (eV)

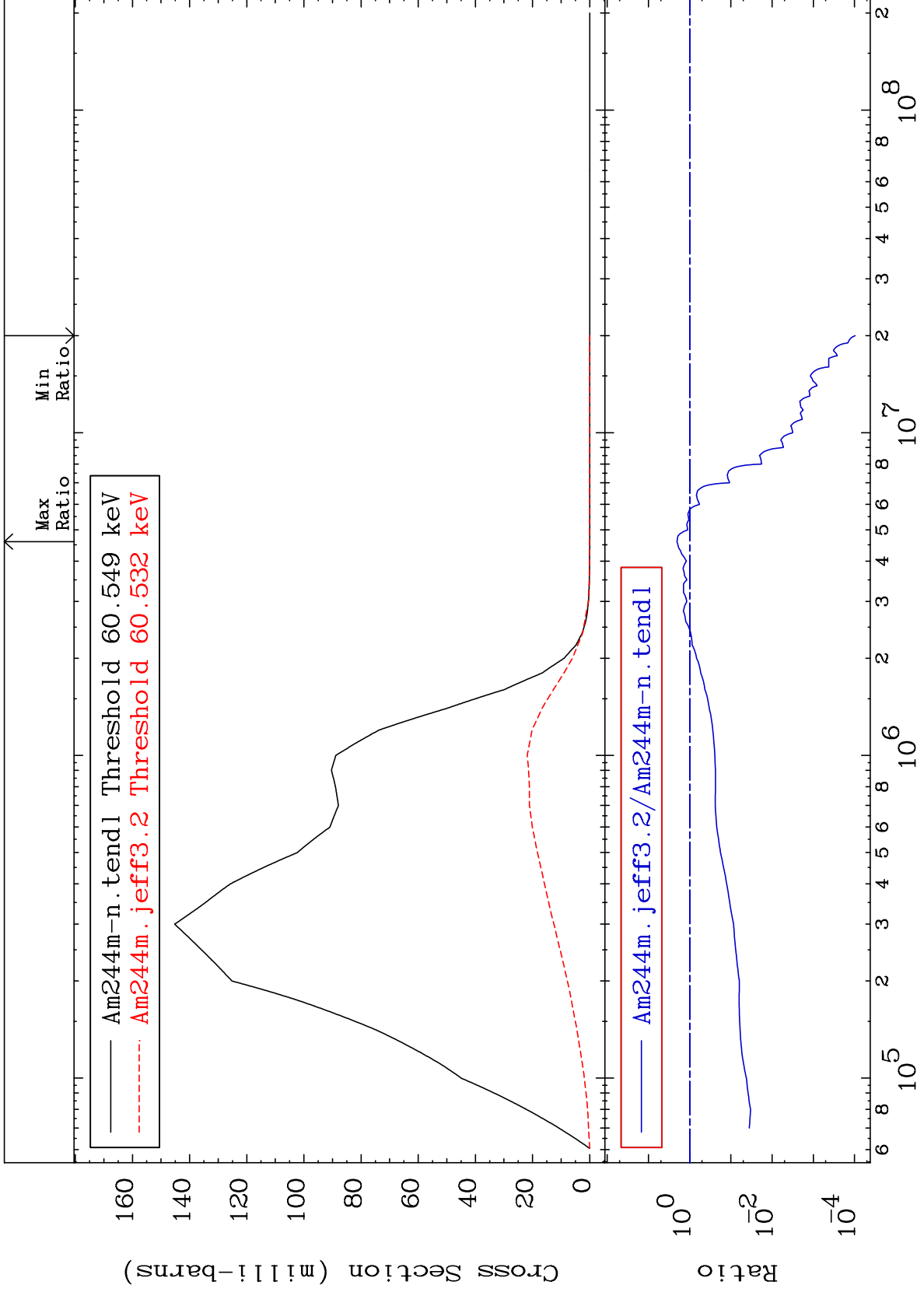
95-Am-244



MAT 9553

146.4 keV (n,n') Level  
Cross Section

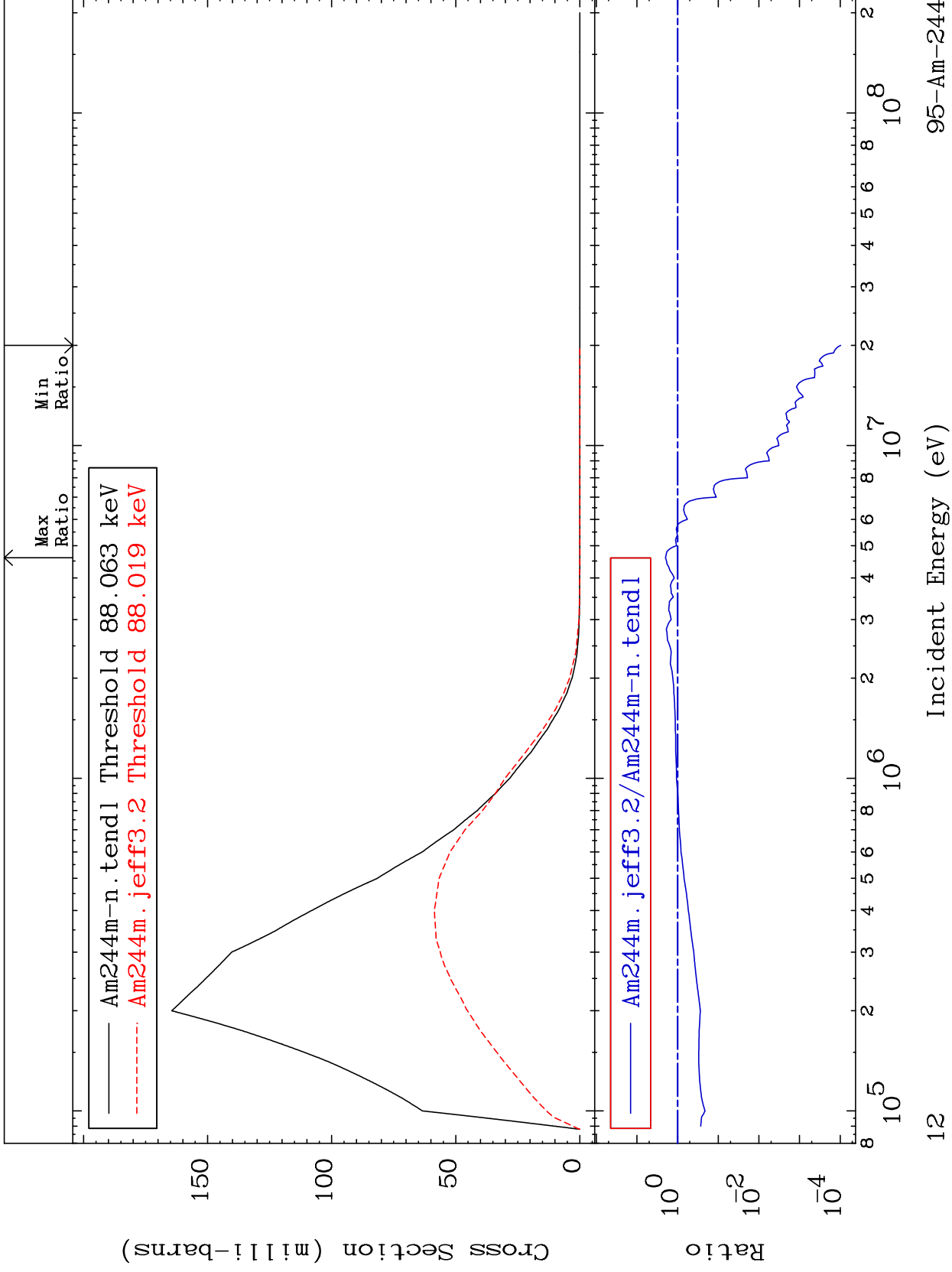
95-Am-244  
-99.99 To 103.5 %



MAT 9553

173.8 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 98.44 %



12

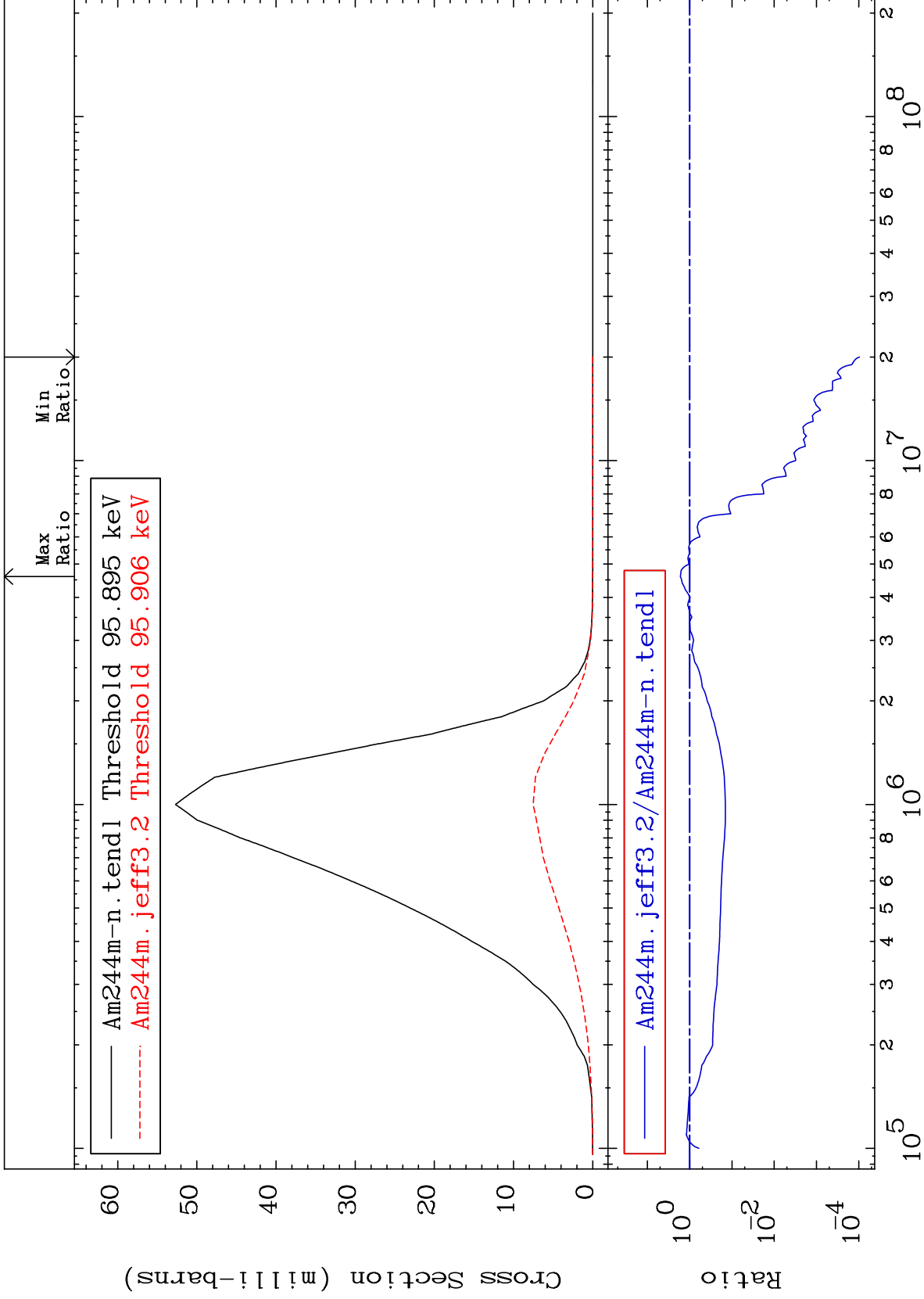
Incident Energy (eV)

95-Am-244

MAT 9553

181.6 keV (n, n') Level  
Cross Section

95-Am-244  
-99.99 To 65.91 %



13

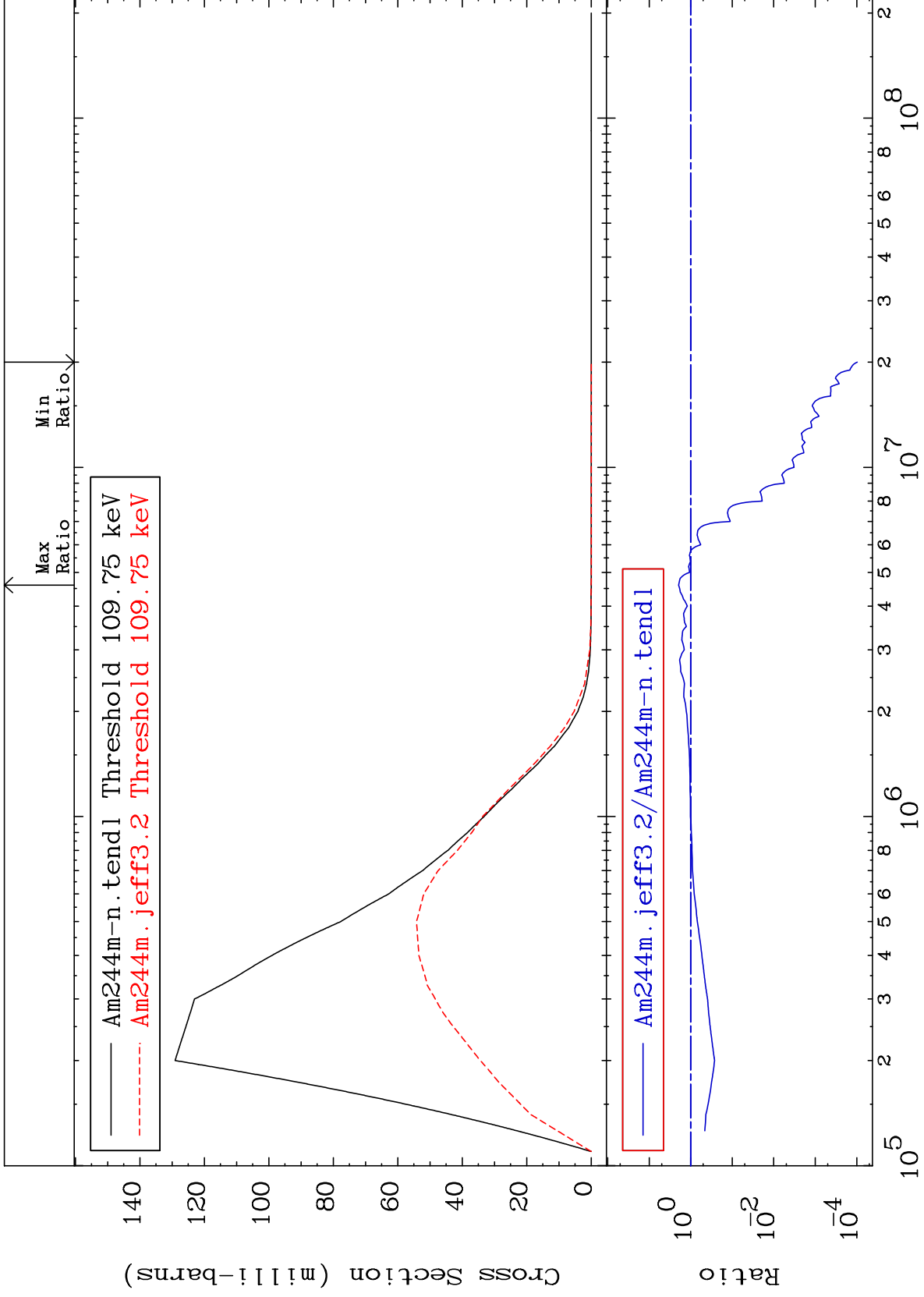
Incident Energy (eV)

95-Am-244

MAT 9553

195.4 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 95.56 %



14

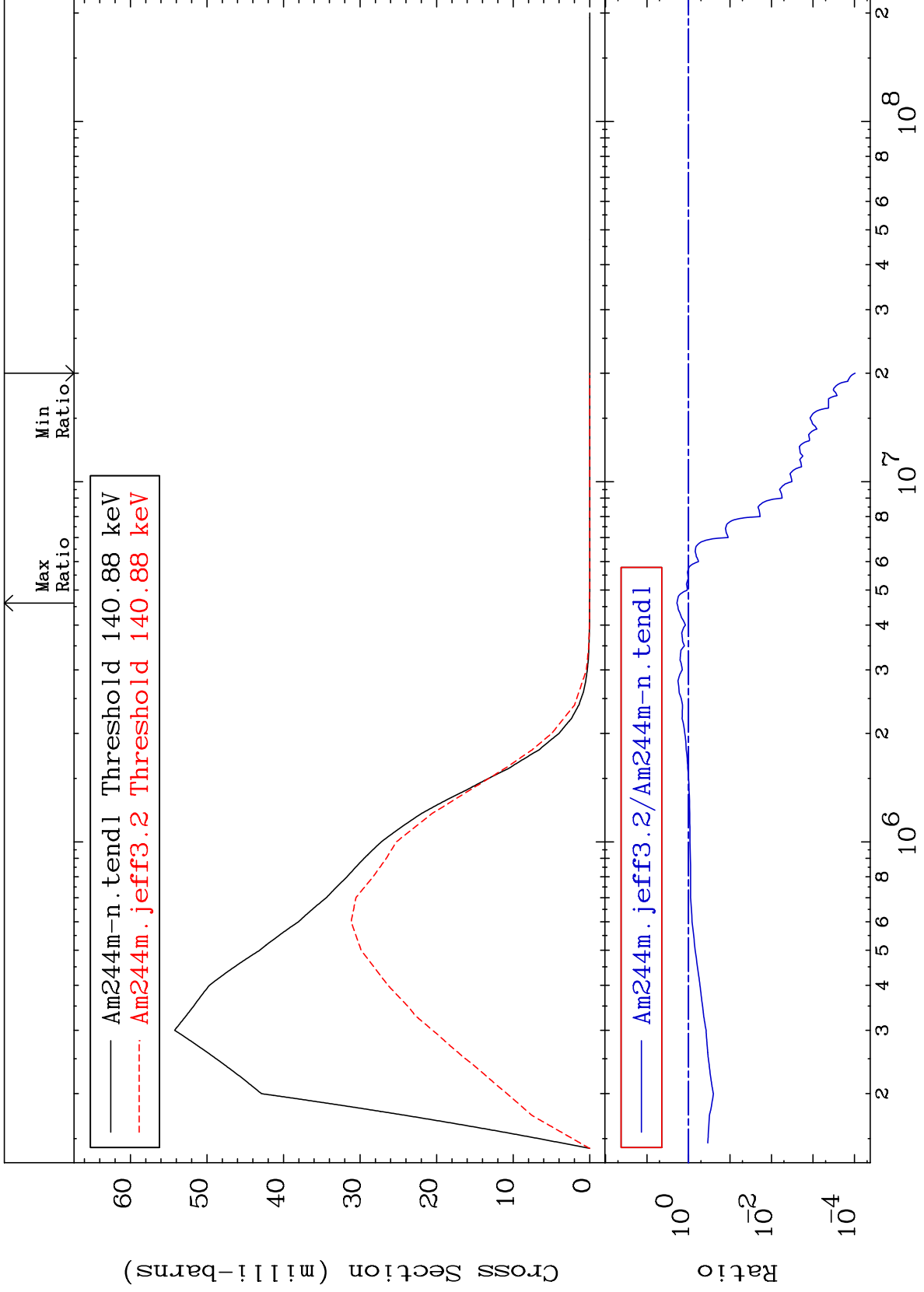
Incident Energy (eV)

95-Am-244

MAT 9553

226.4 keV (n,n') Level  
Cross Section

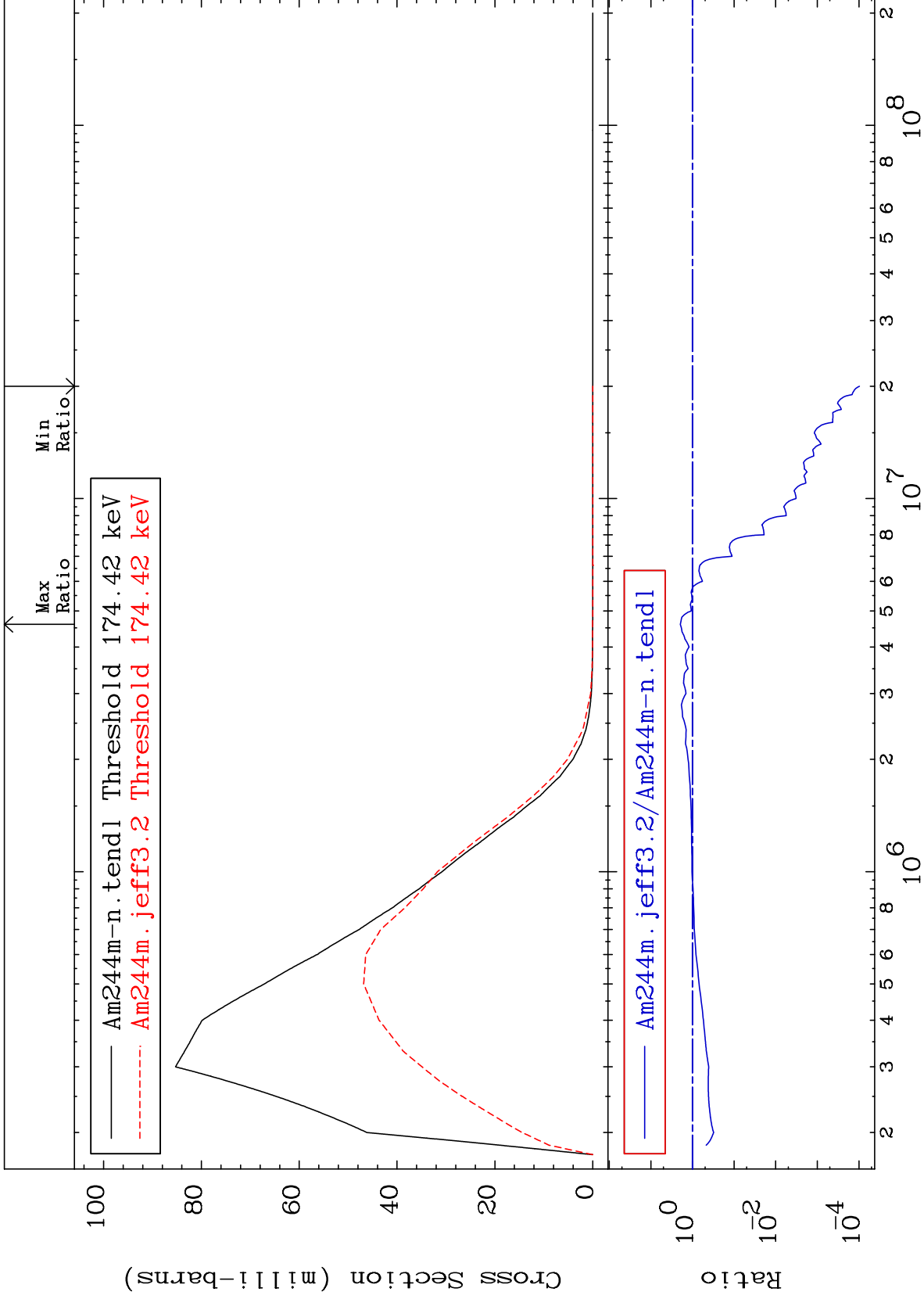
95-Am-244  
-99.99 To 90.32 %



MAT 9553

259.8 keV (n,n') Level  
Cross Section

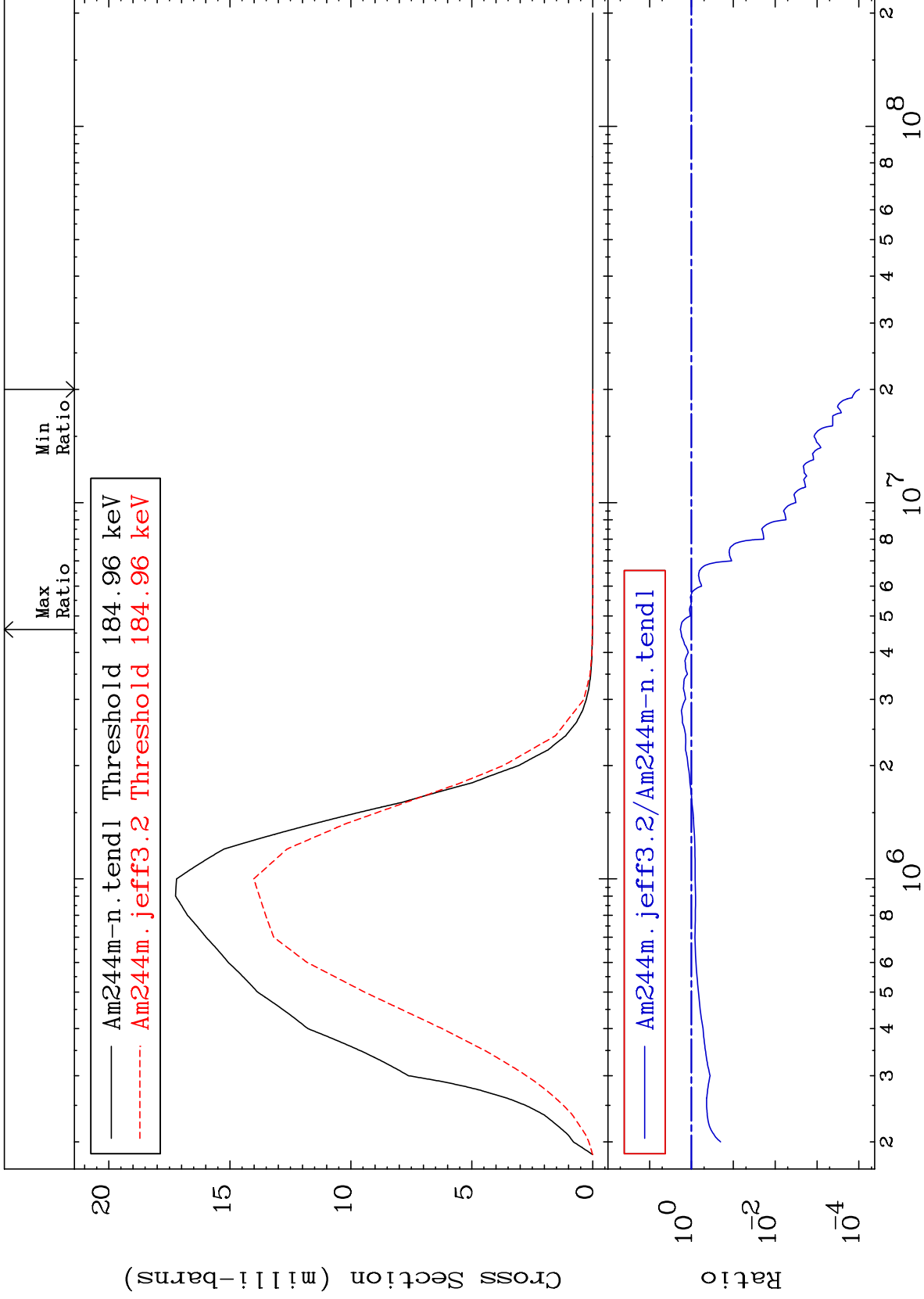
95-Am-244  
-99.99 To 95.89 %



MAT 9553

270.3 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 84.19 %



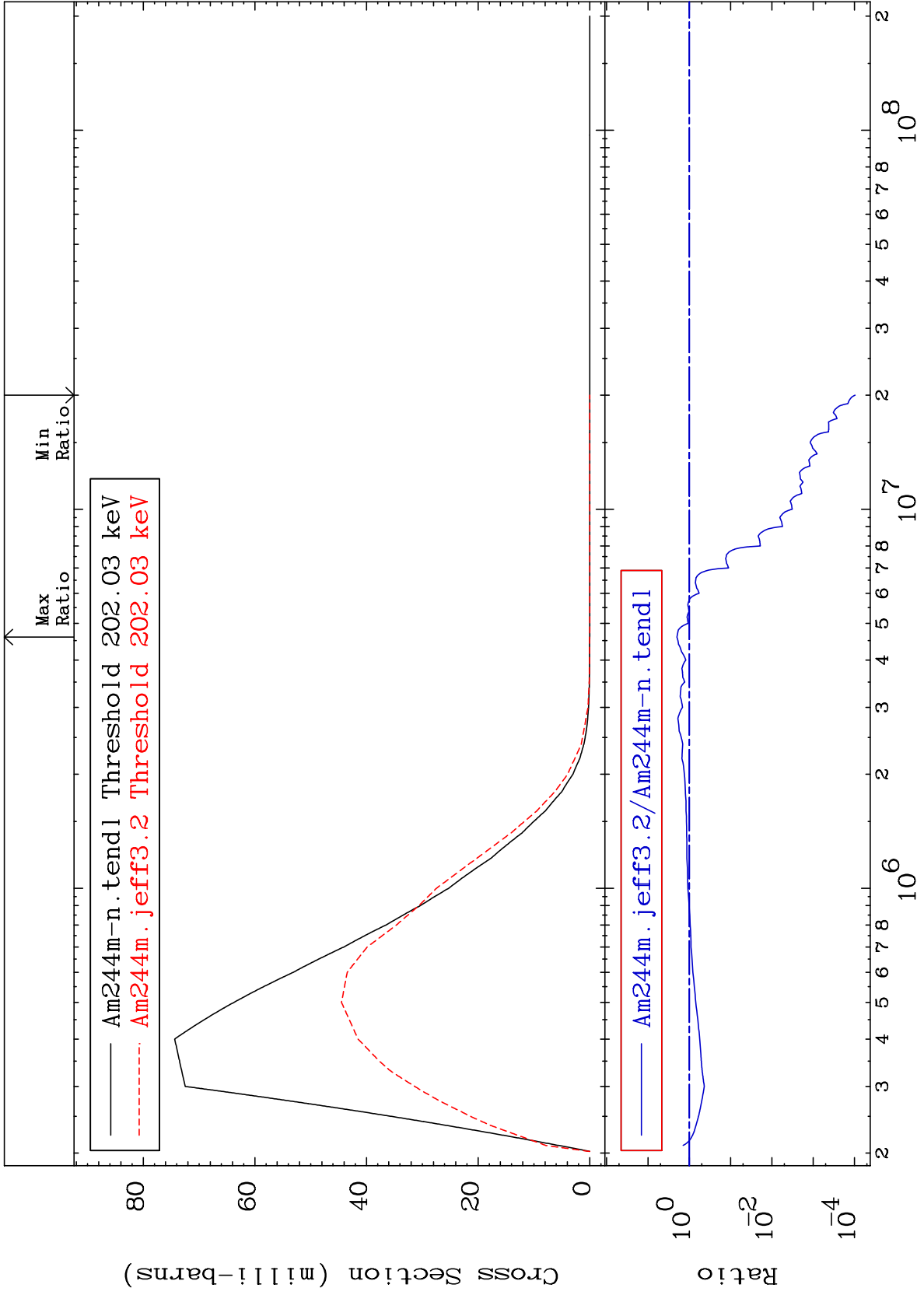
17

95-Am-244

MAT 9553

287.3 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 99.09 %



18

Incident Energy (eV)

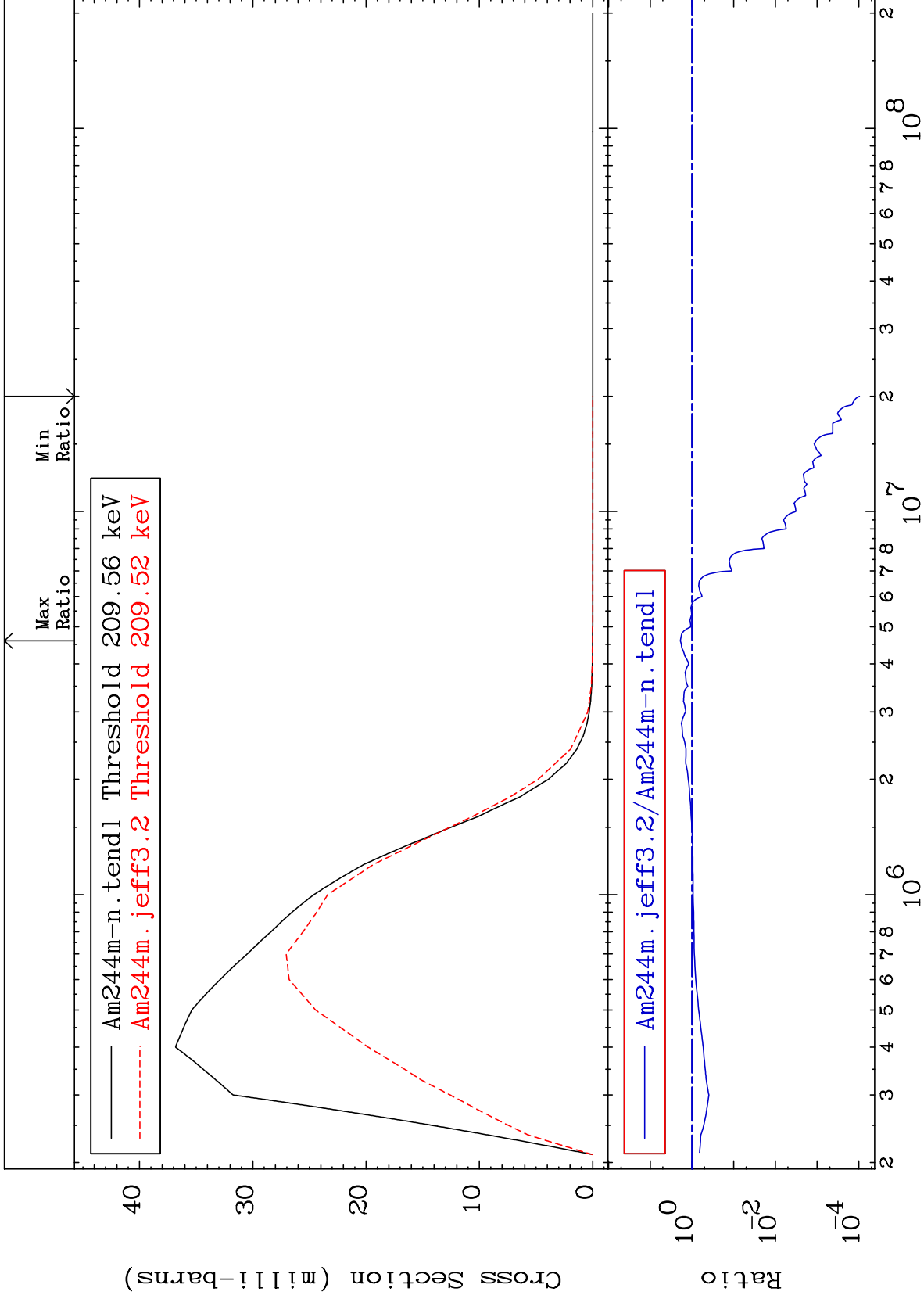
95-Am-244



MAT 9553

294.8 keV (n,n') Level  
Cross Section

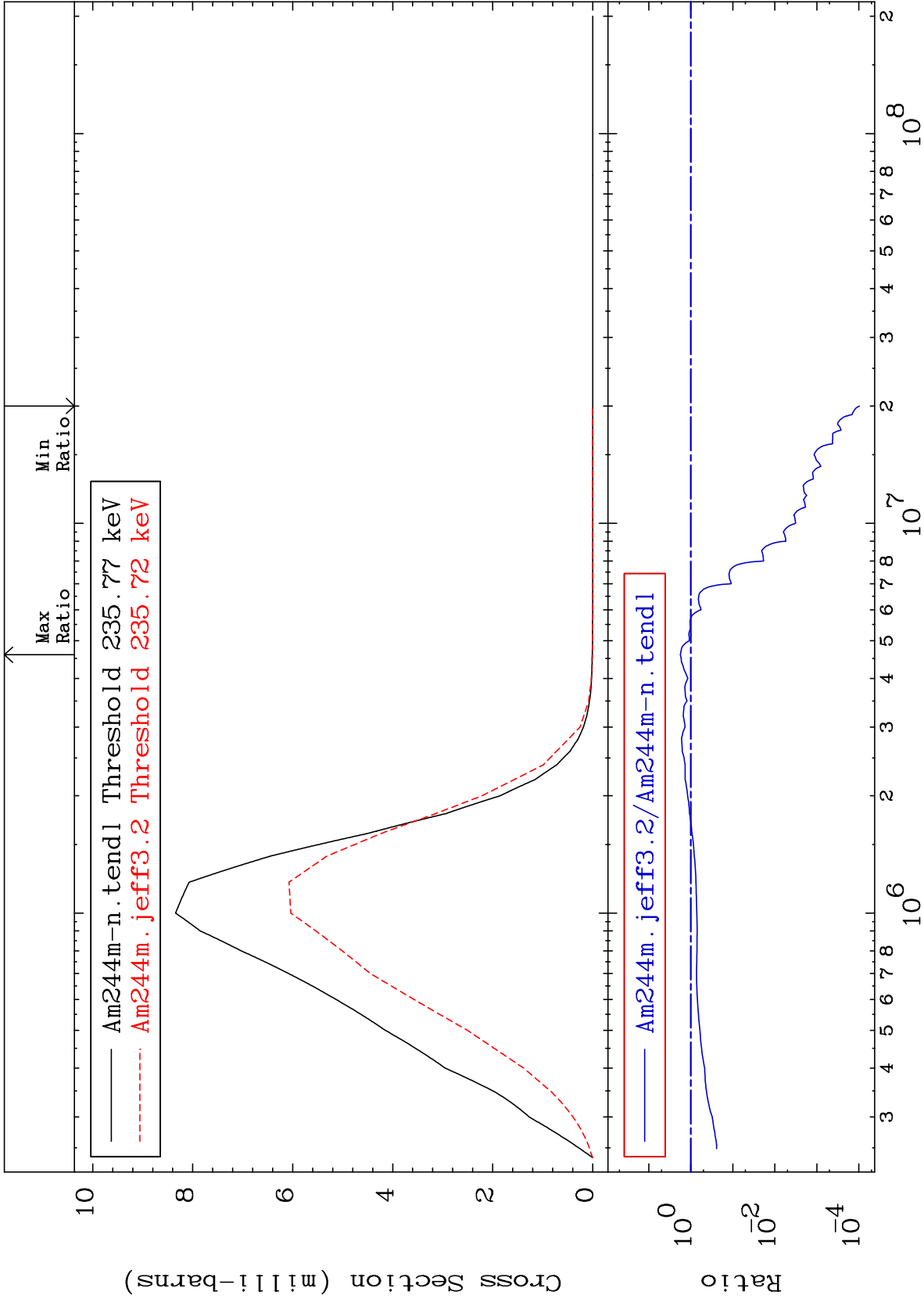
95-Am-244  
-99.99 To 90.56 %



MAT 9553

320.9 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 77.26 %



20

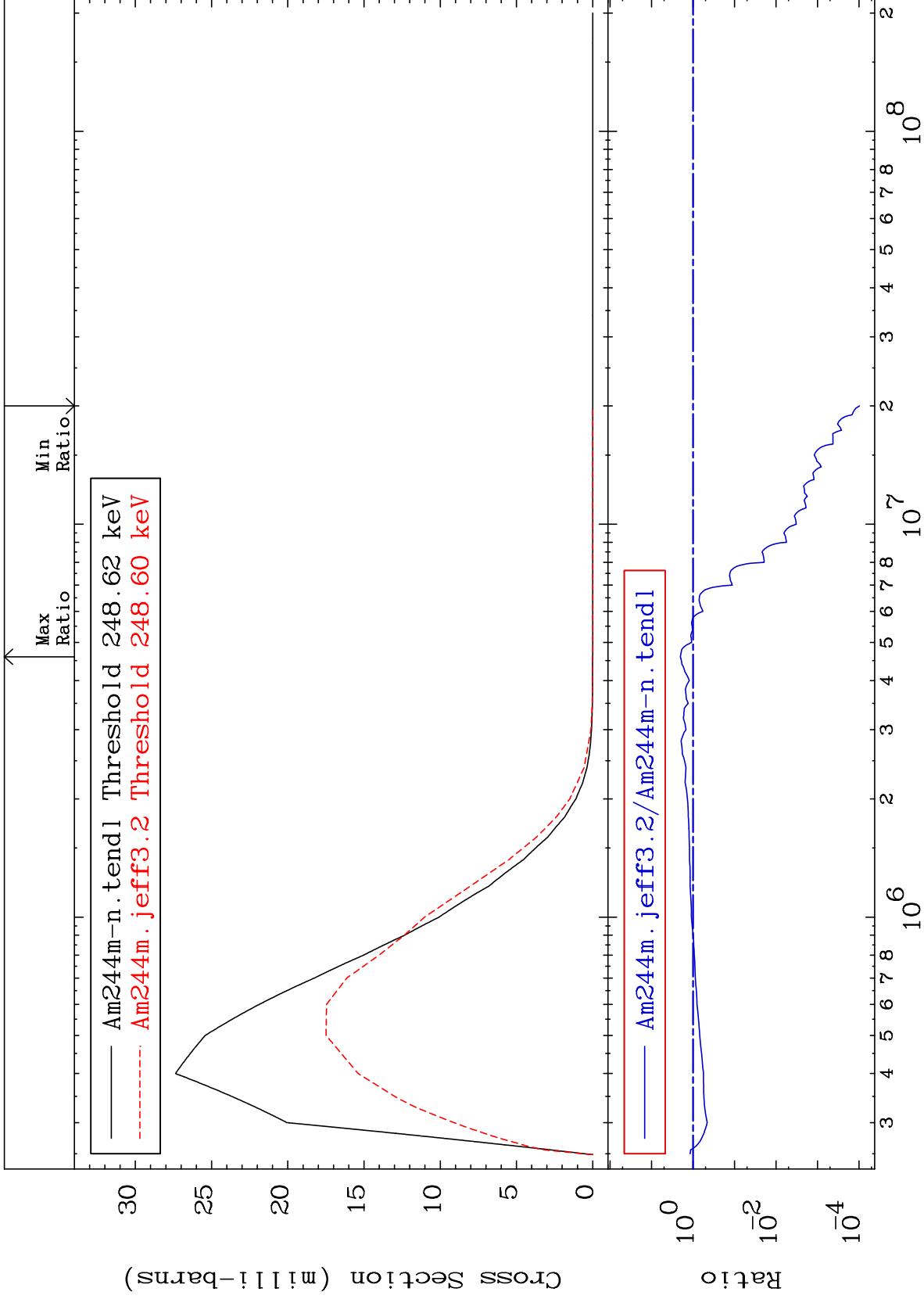
95-Am-244

95-Am-244

MAT 9553

333.7 keV (n,n') Level  
Cross Section

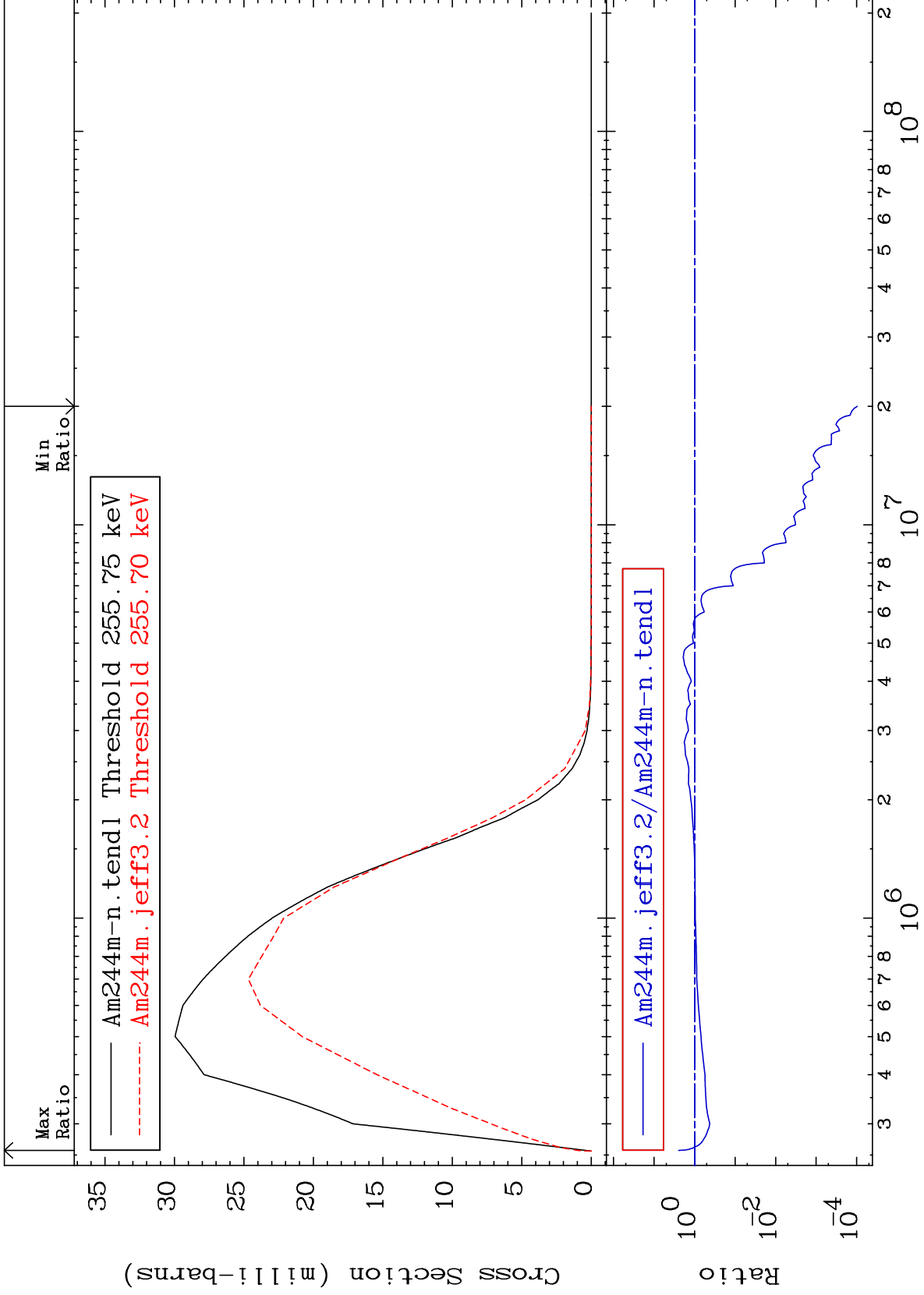
95-Am-244  
-99.99 To 102.1 %



MAT 9553

340.8 keV (n,n') Level  
Cross Section

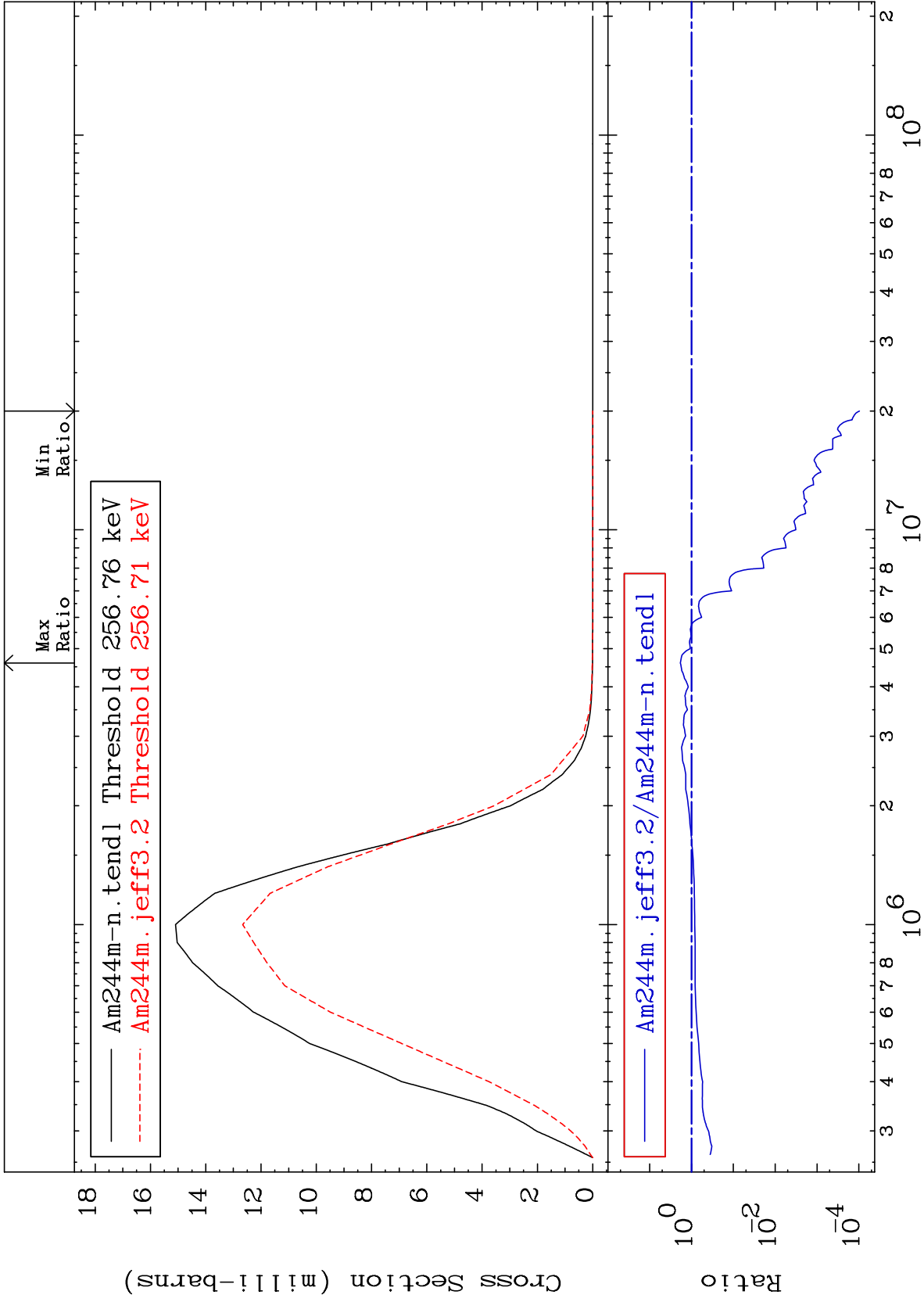
95-Am-244  
-99.99 To 147.1 %



MAT 9553

341.8 keV (n,n') Level  
Cross Section

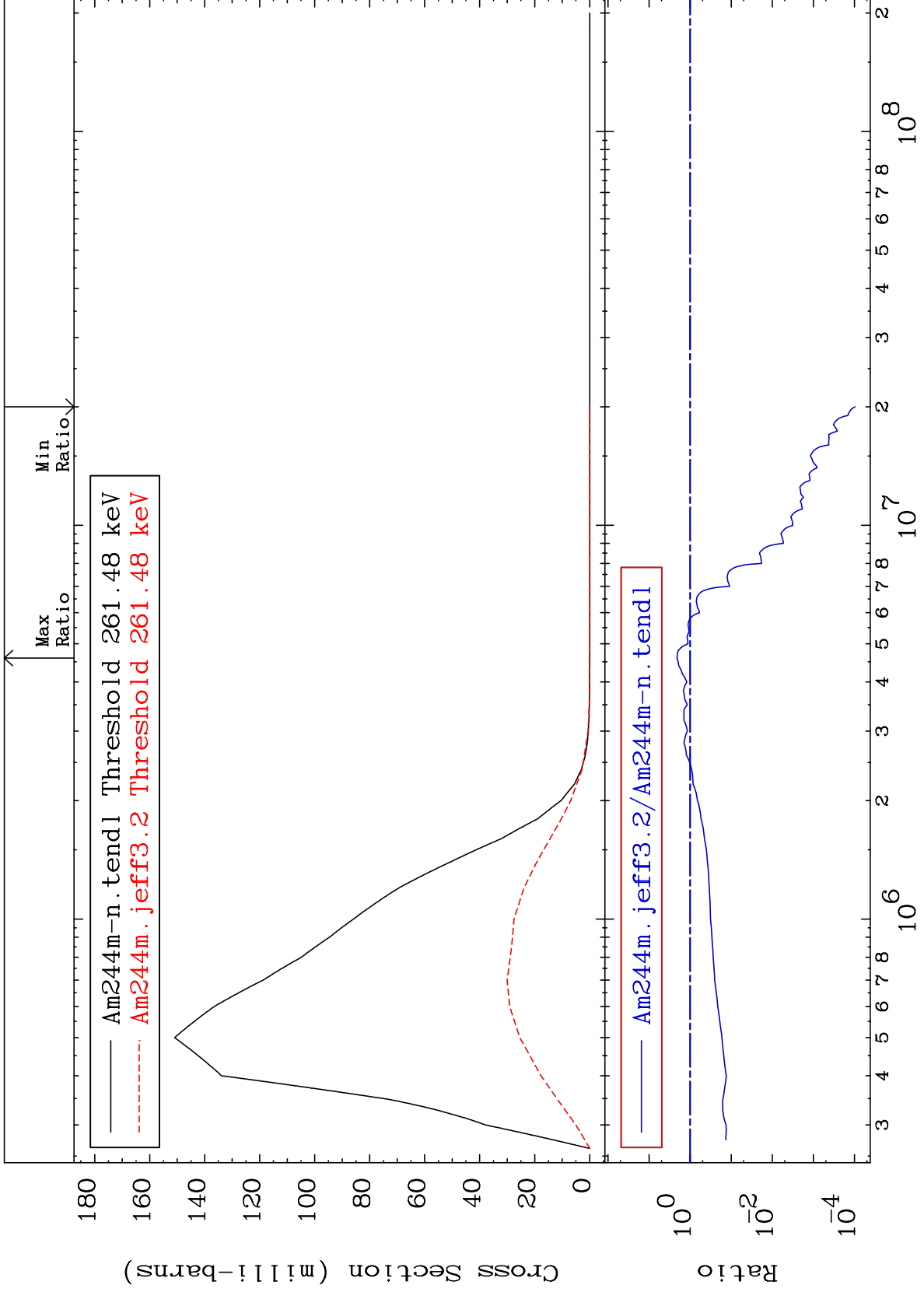
95-Am-244  
-99.99 To 84.31 %



MAT 9553

346.5 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 110.5 %



24

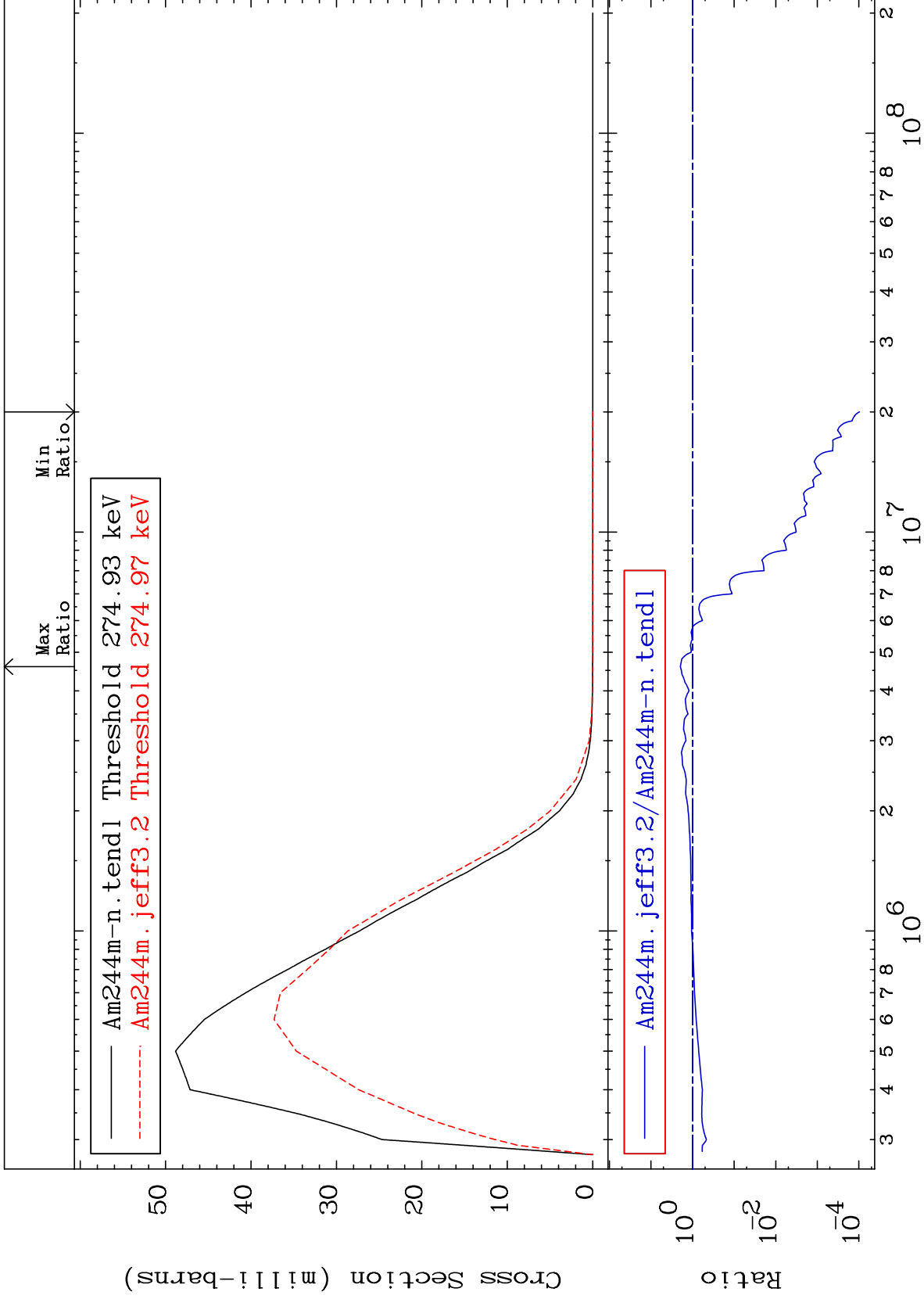
Incident Energy (eV)

95-Am-244

MAT 9553

359.9 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 96.37 %



25

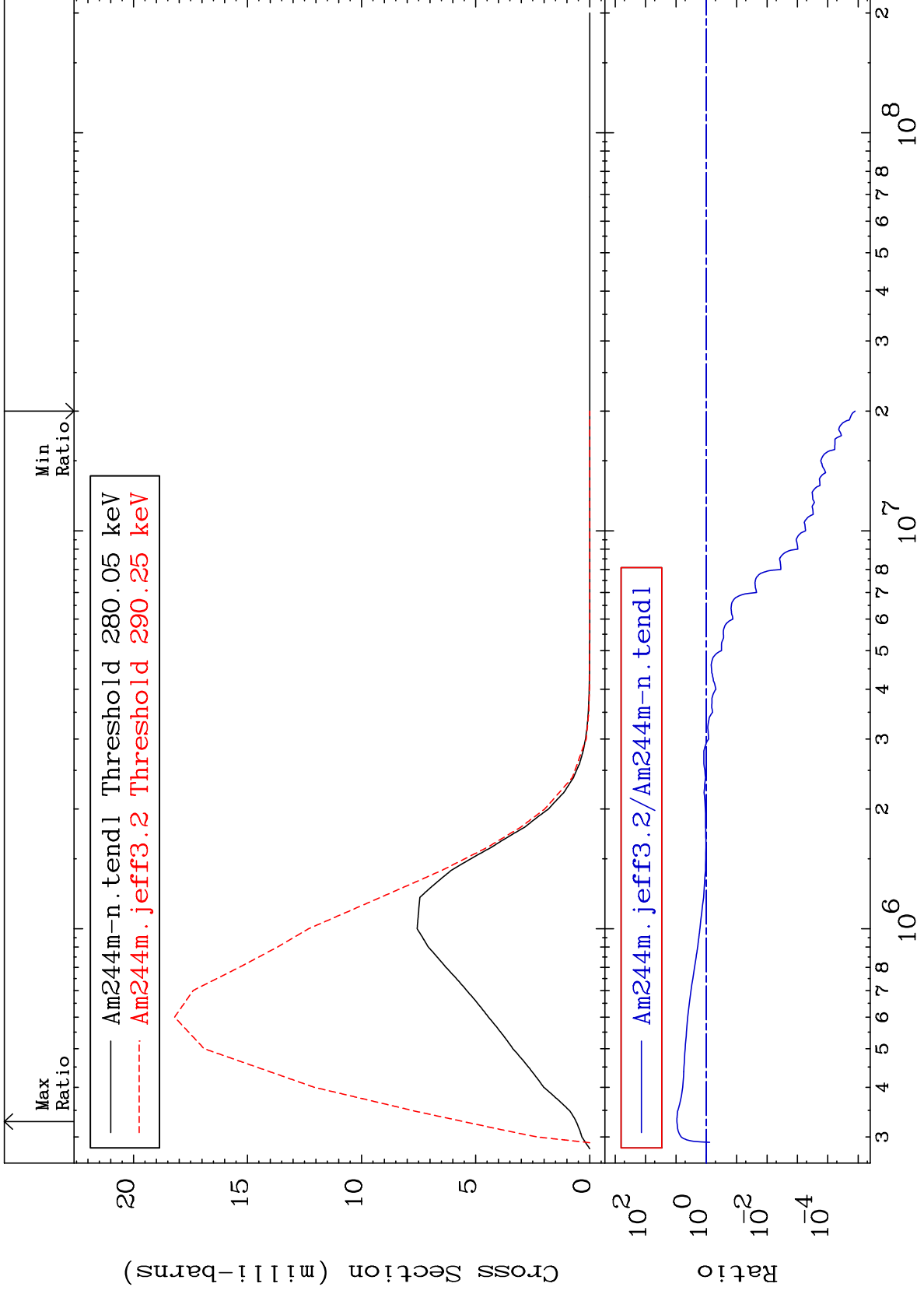
Incident Energy (eV)

95-Am-244

MAT 9553

365.0 keV (n,n') Level  
Cross Section

95-Am-244  
-100.0 To 831.8 %

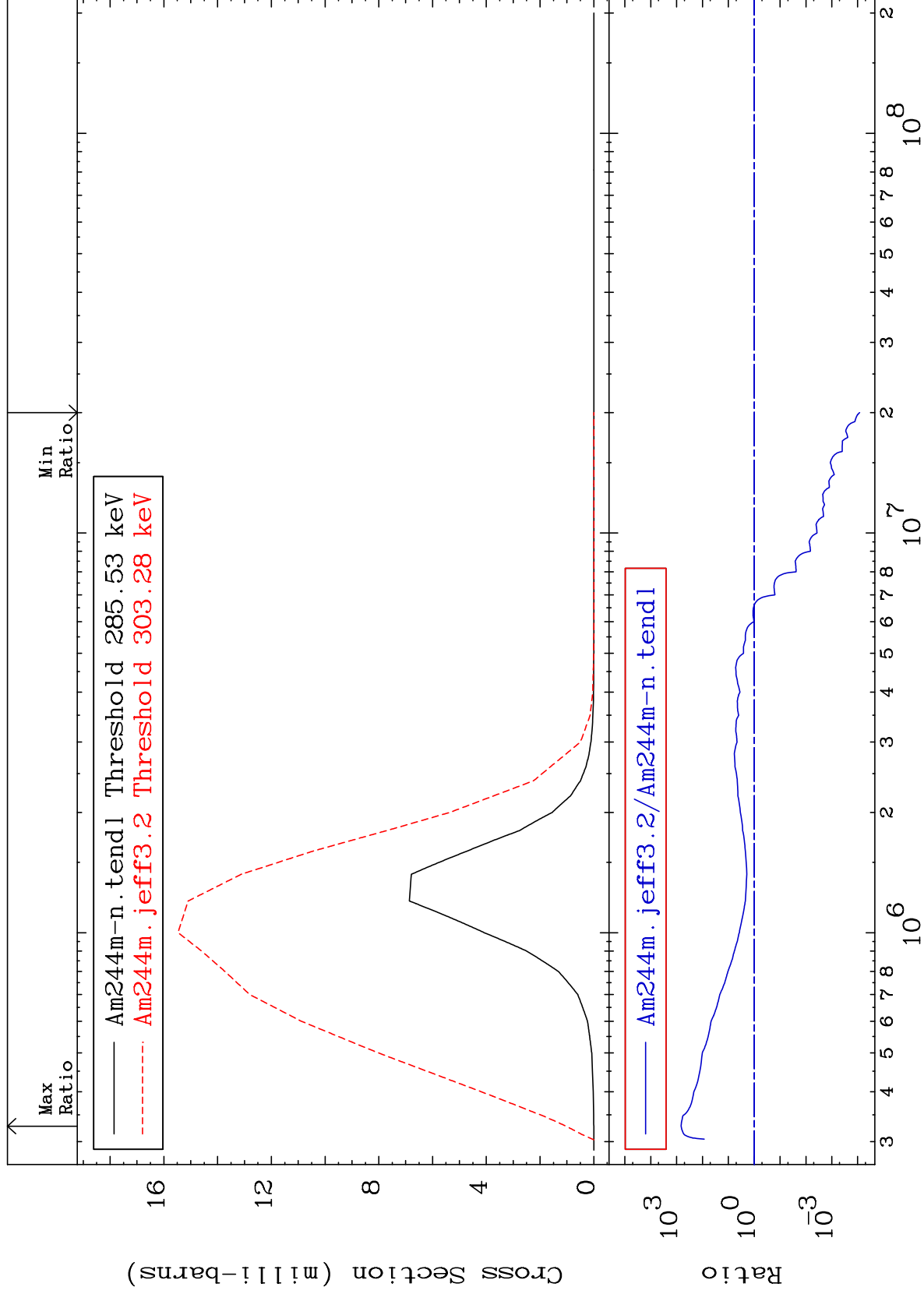




MAT 9553

370.5 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 9999. %



27

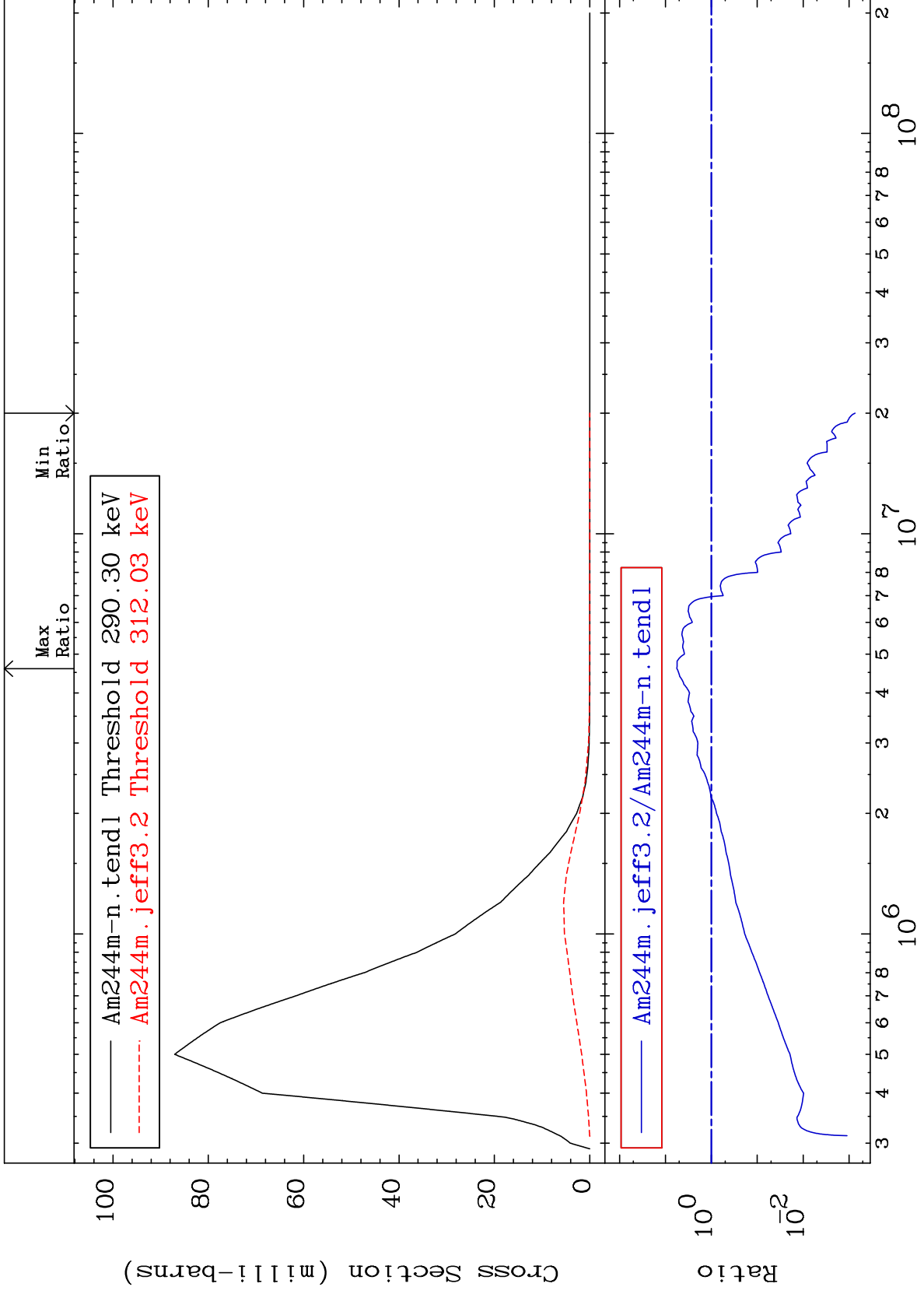
Incident Energy (eV)

95-Am-244

MAT 9553

375.2 keV (n,n') Level  
Cross Section

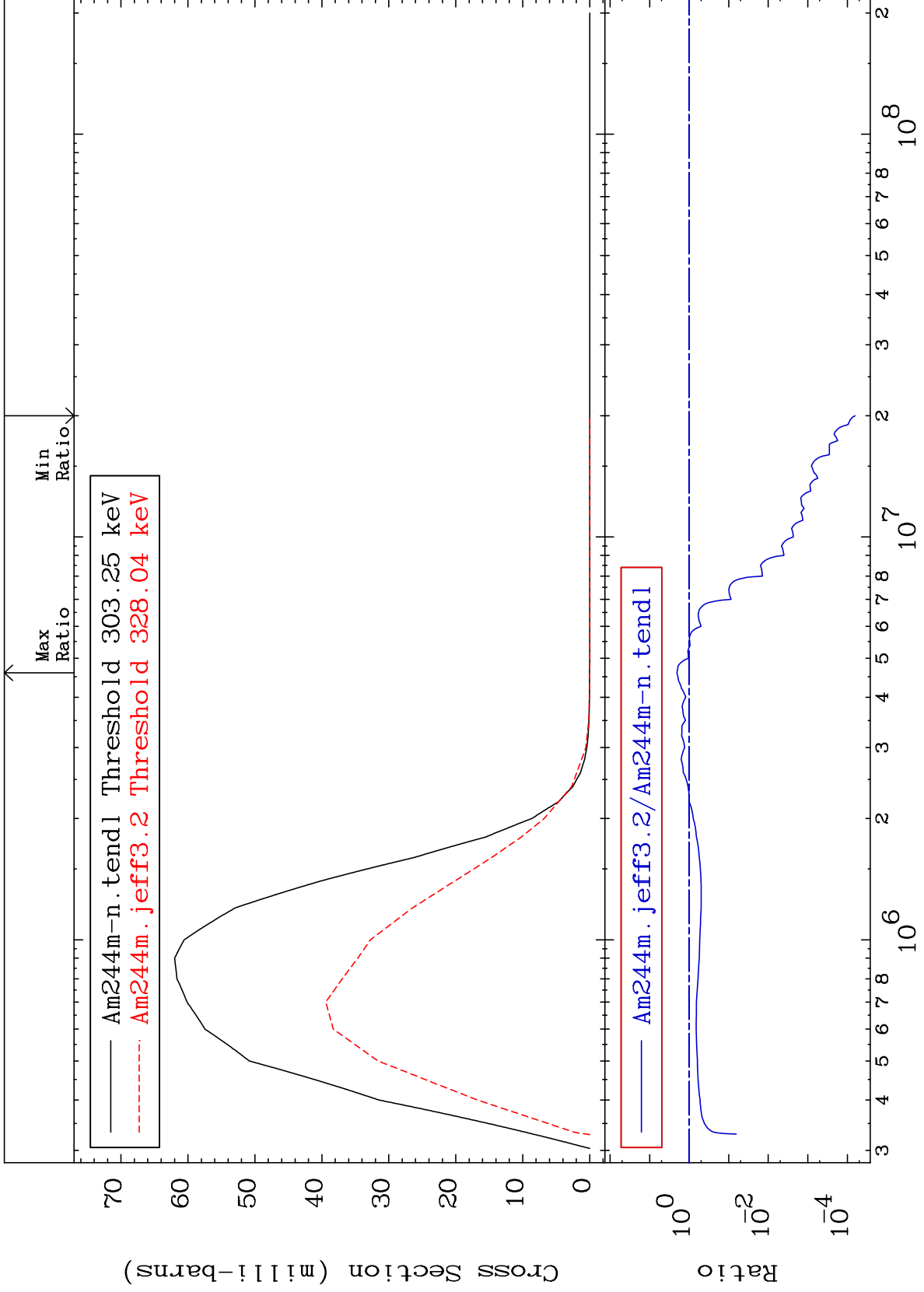
95-Am-244  
-99.93 To 461.5 %



MAT 9553

388.1 keV (n,n') Level  
Cross Section

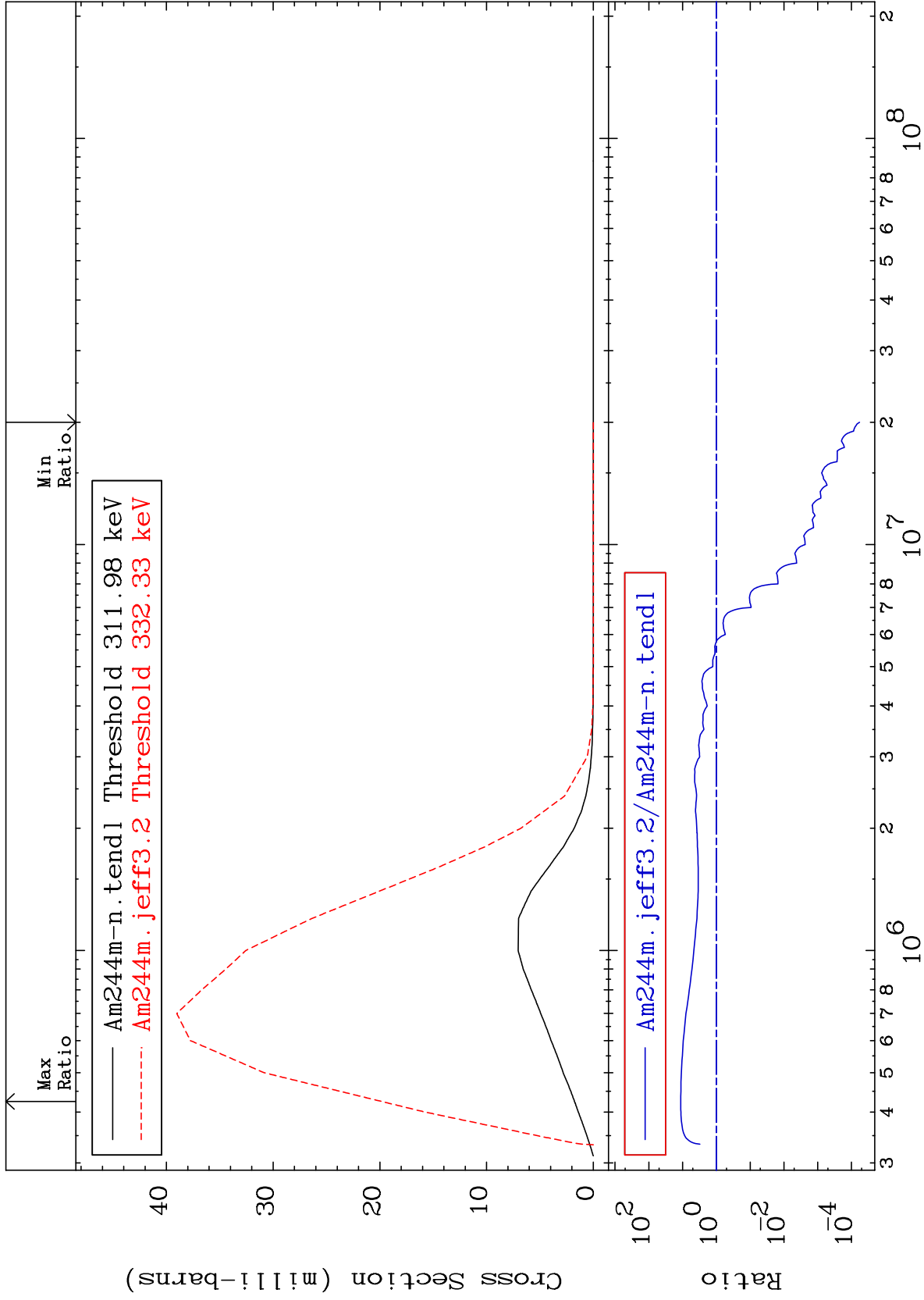
95-Am-244  
-99.99 To 104.4 %



MAT 9553

396.8 keV (n,n') Level  
Cross Section

95-Am-244  
-99.99 To 1032. %



30

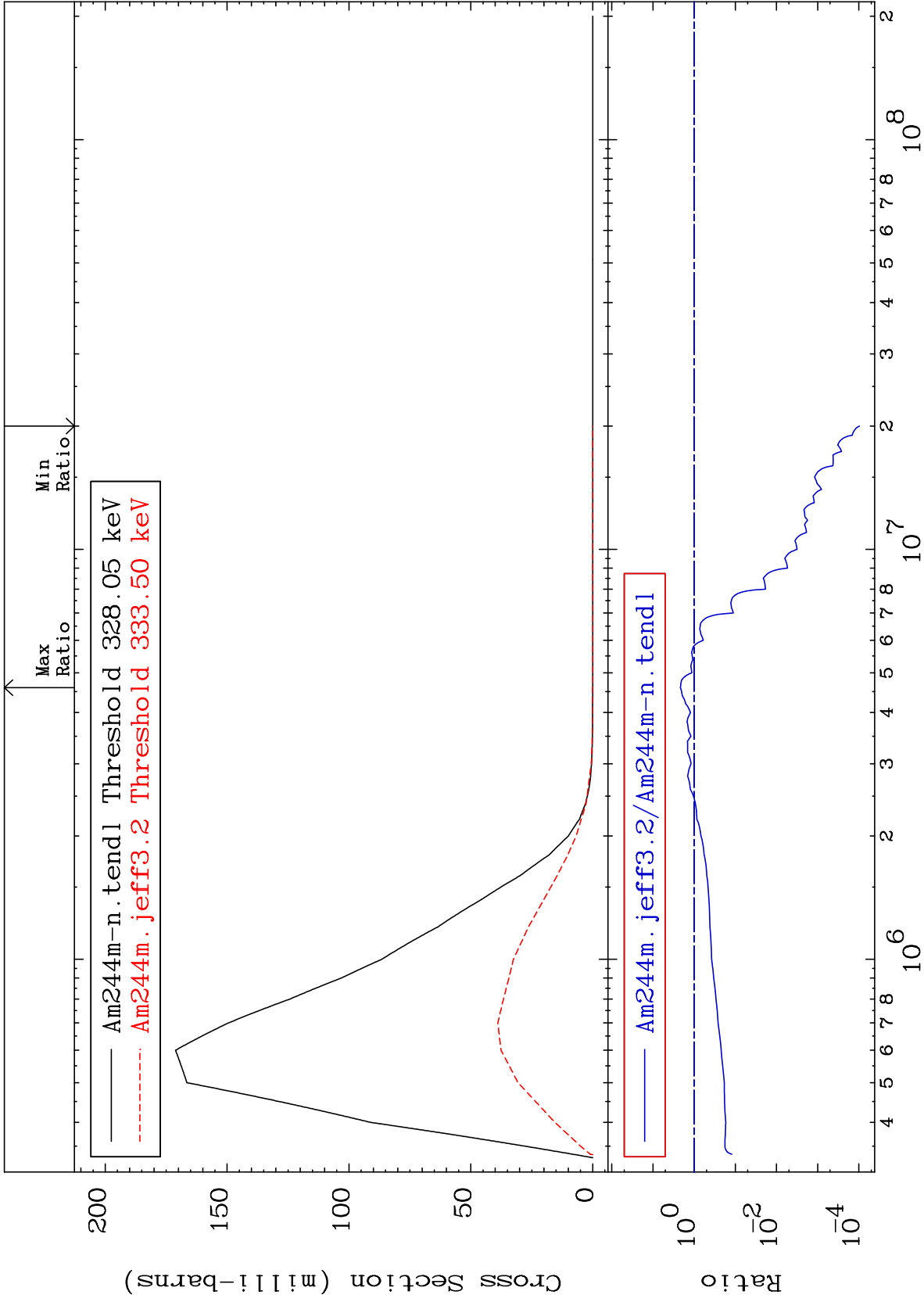
Incident Energy (eV)

95-Am-244

MAT 9553

412.8 keV (n,n') Level  
Cross Section

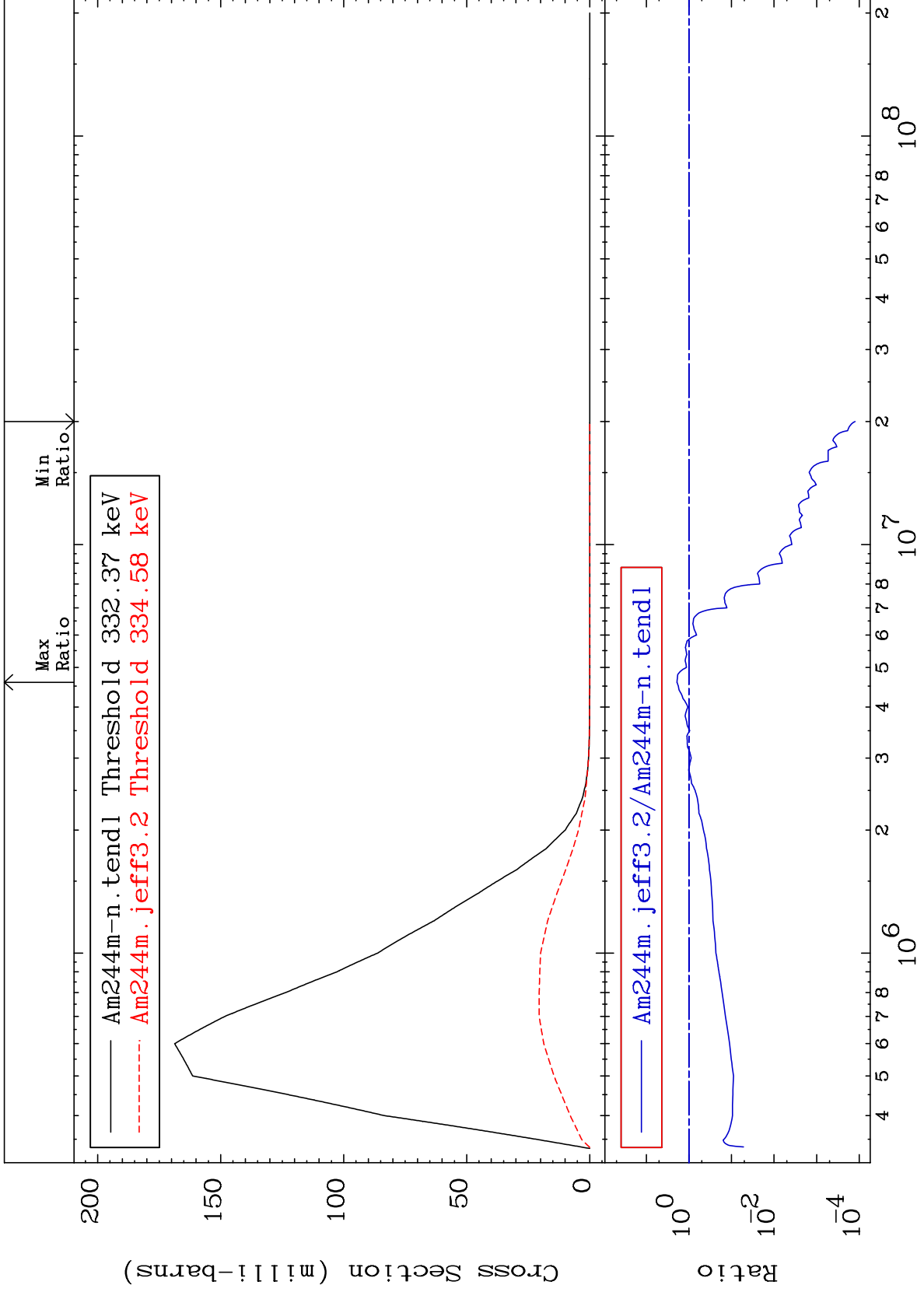
95-Am-244  
-99.99 To 115.7 %



MAT 9553

417.1 keV (n,n') Level  
Cross Section

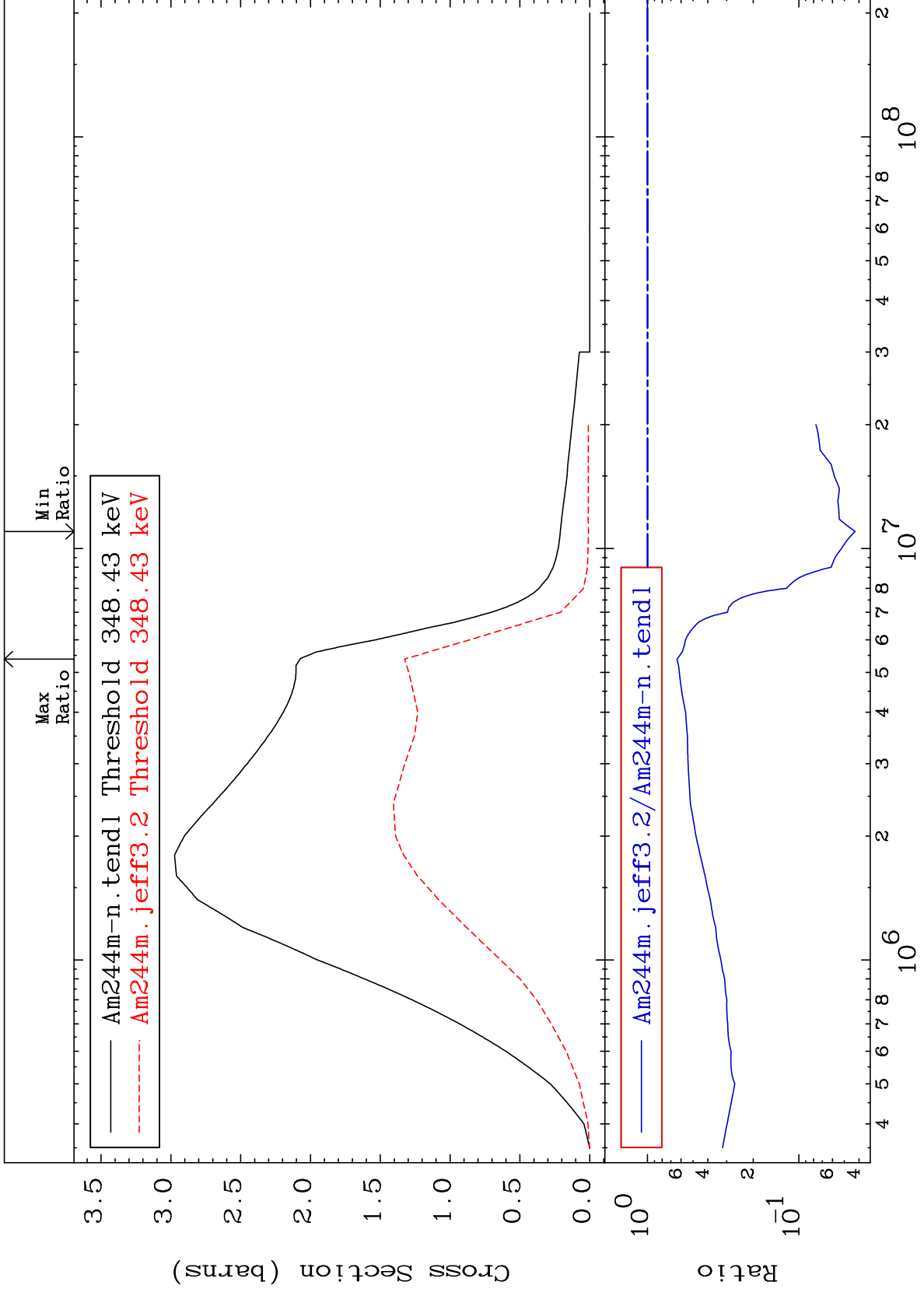
95-Am-244  
-99.99 To 90.93 %



MAT 9553

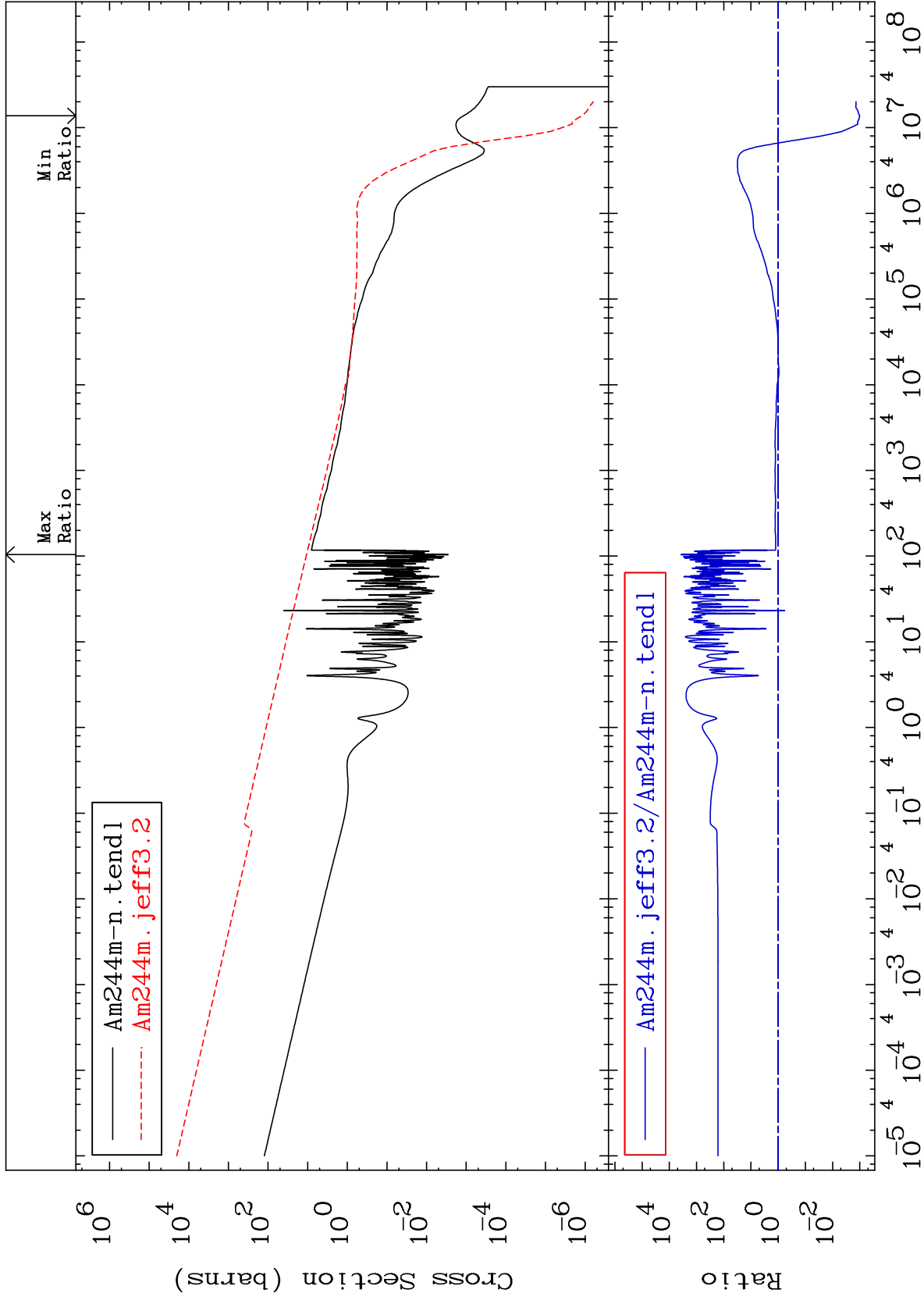
(n, n') Continuum  
Cross Section

95-Am-244  
-95.75 To -36.08%



MAT 9553

(n,  $\gamma$ )  
Cross Section  
95-Am-244  
-99.90 To 9999. %





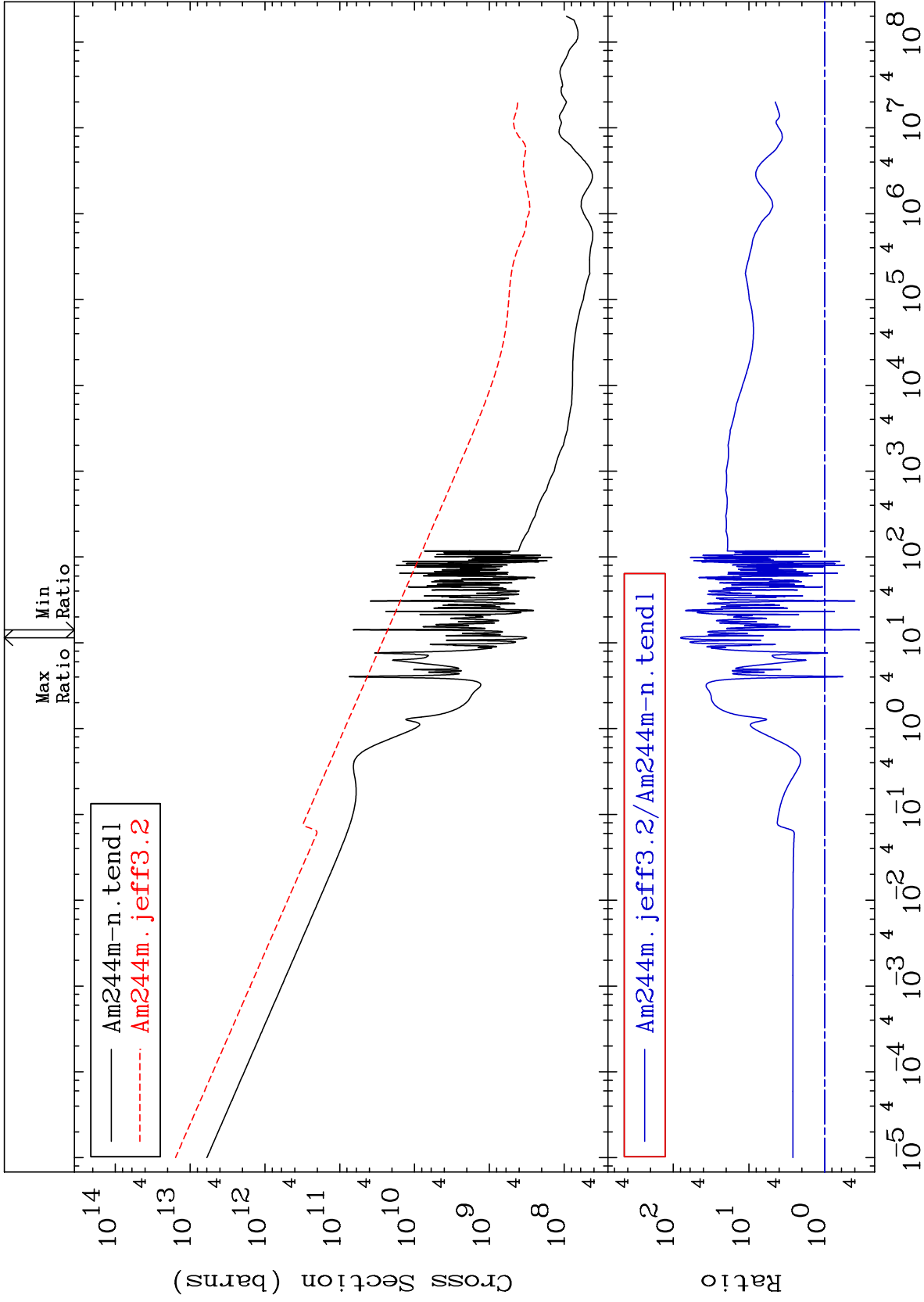
MAT 9553

Kerma total (eV-barns)

95-Am-244

-65.28 To 7959. %

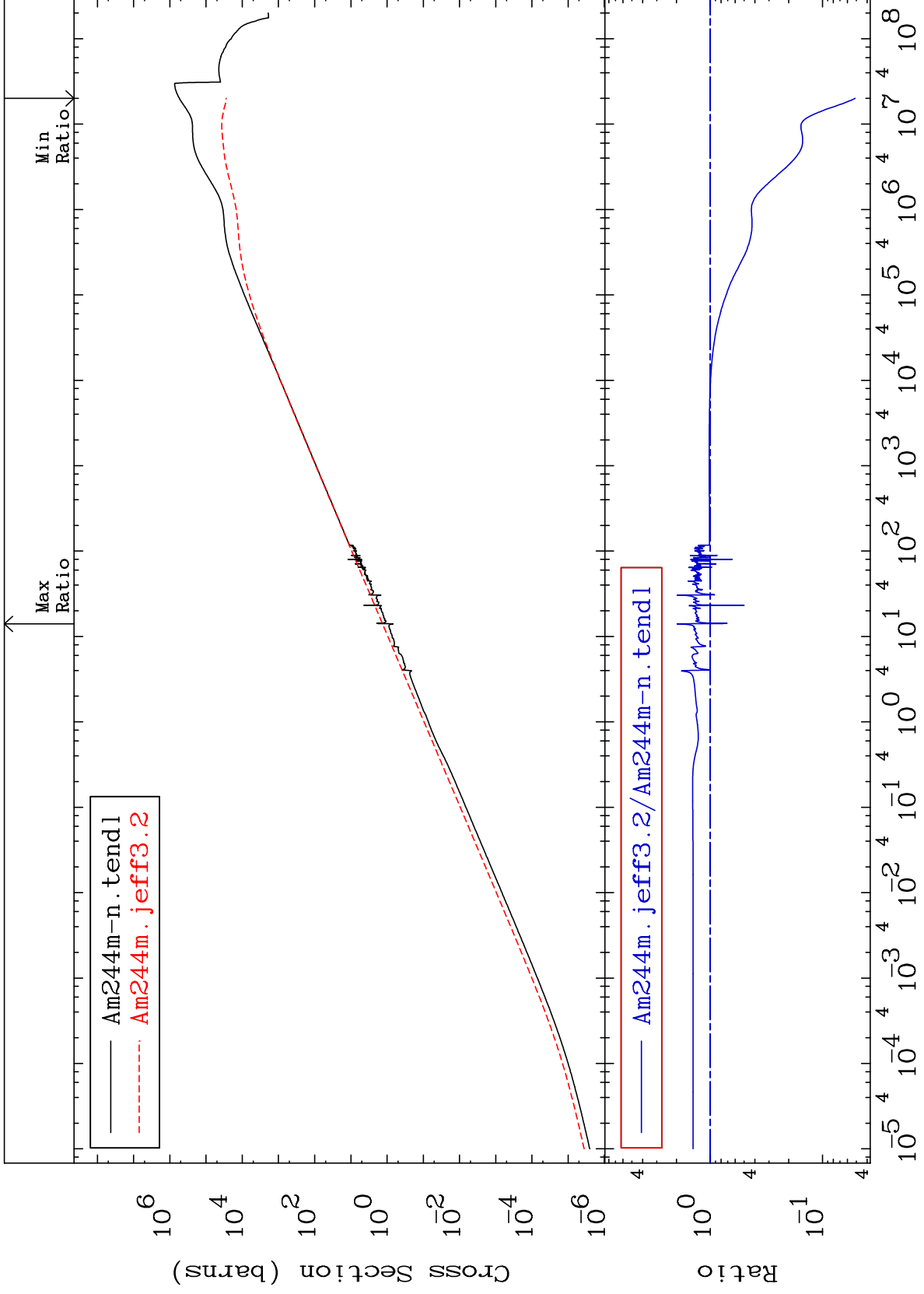
Cross Section



MAT 9553

Kerma elastic  
Cross Section

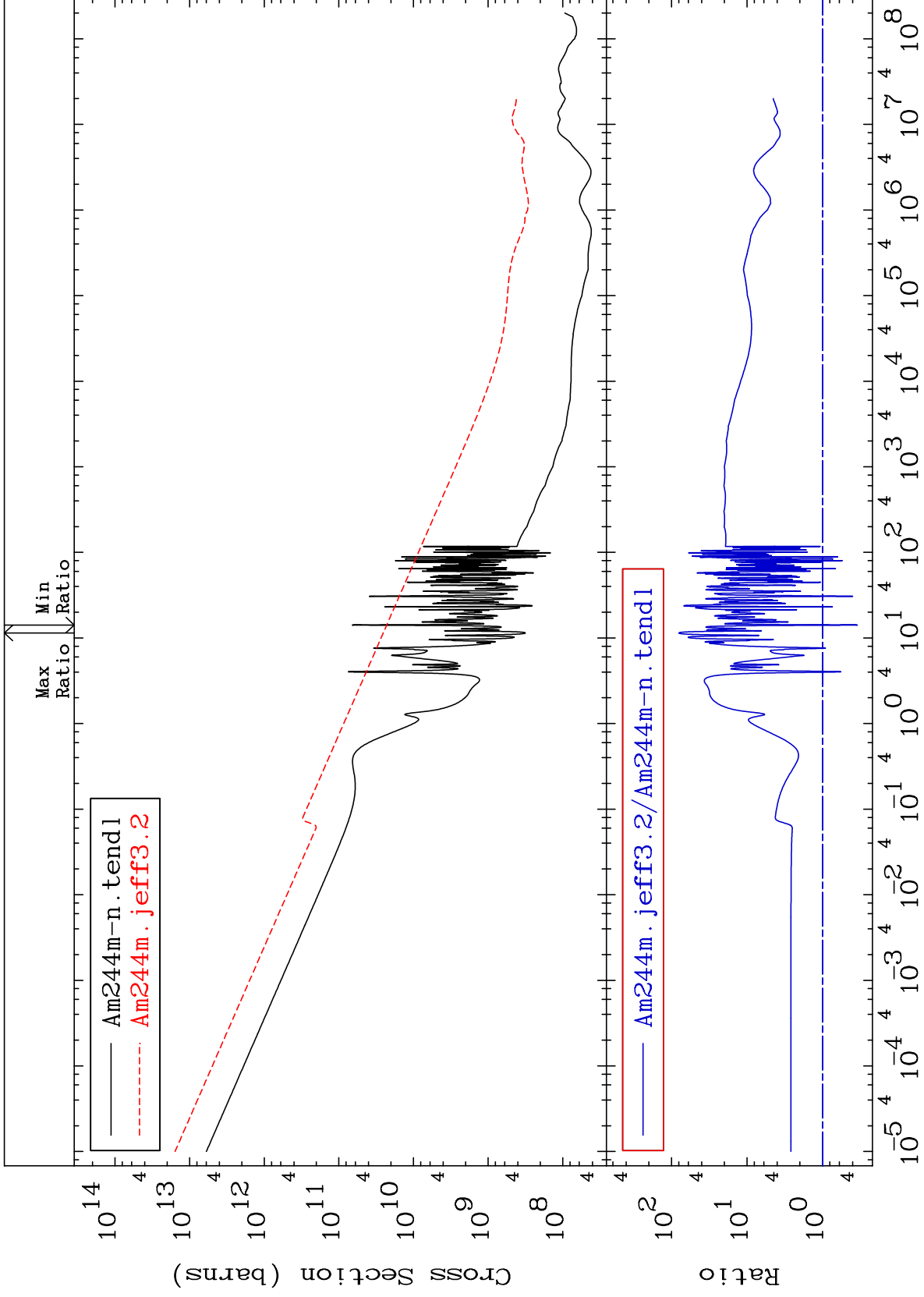
95-Am-244  
-94.88 To 98.17 %



MAT 9553

Kerma non-elastic (all but mt2)  
Cross Section

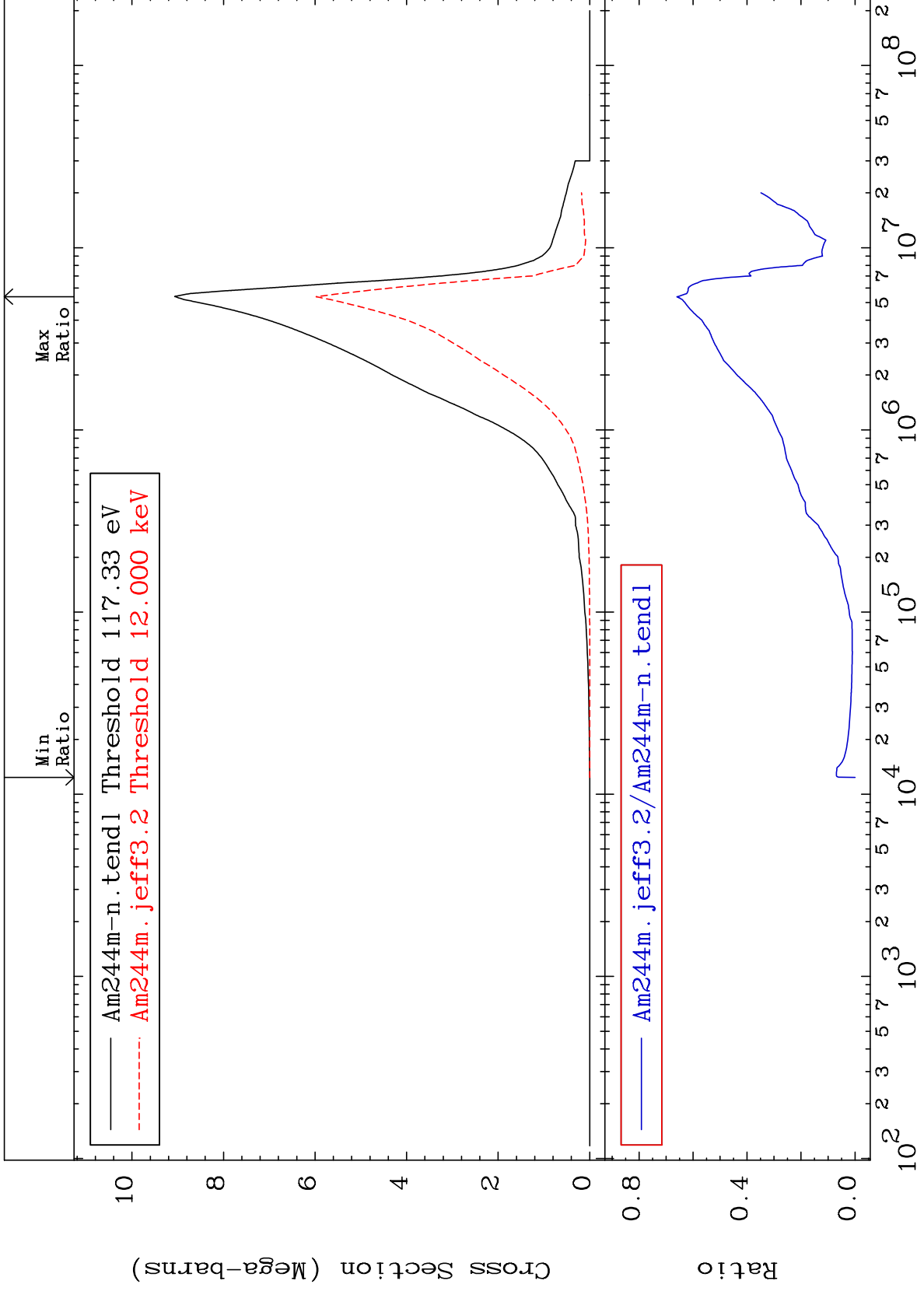
95-Am-244  
-65.28 To 7959. %

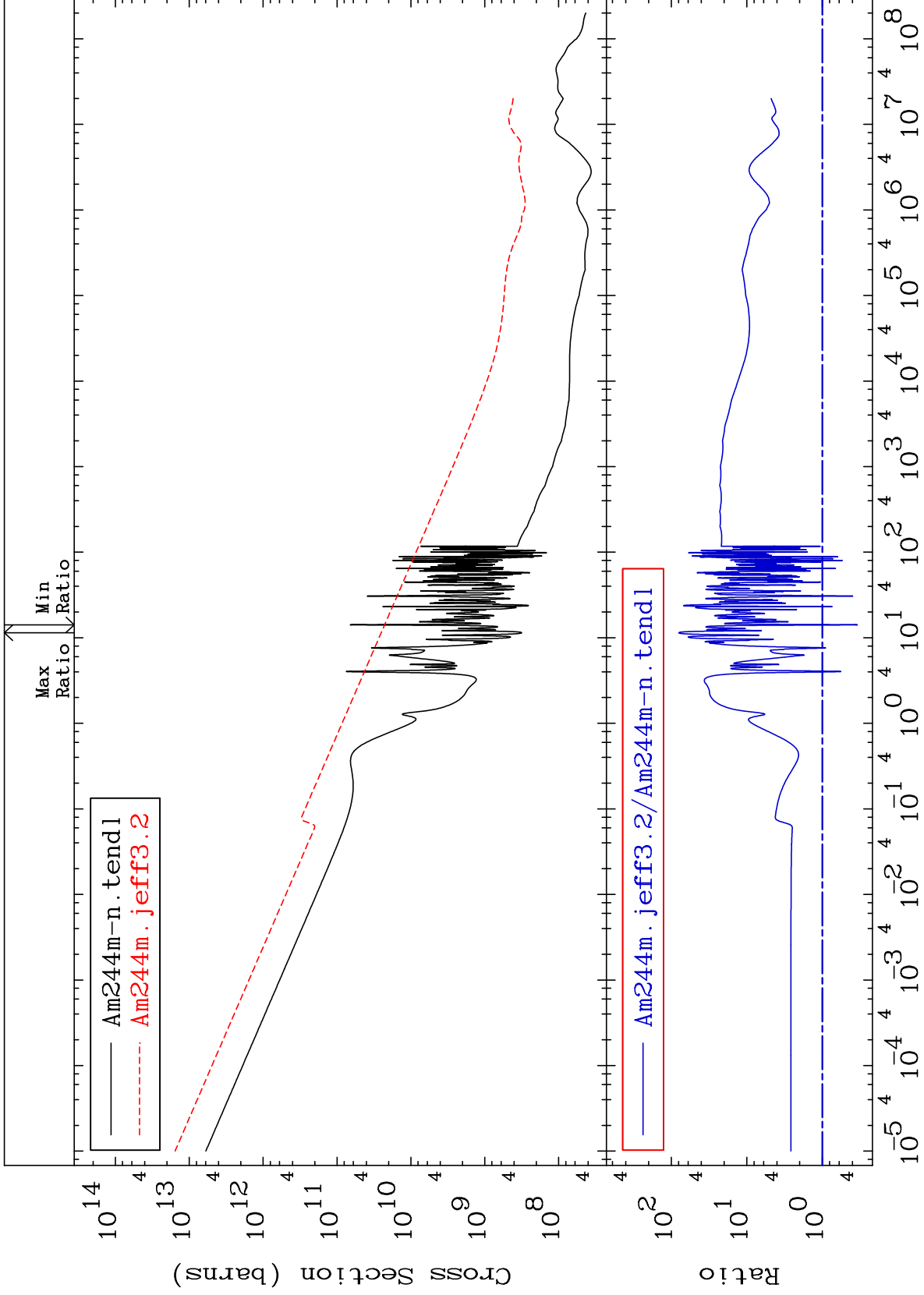


MAT 9553

Kerma inelastic (mt51-91)  
Cross Section

95-Am-244  
-100.0 To -34.01%

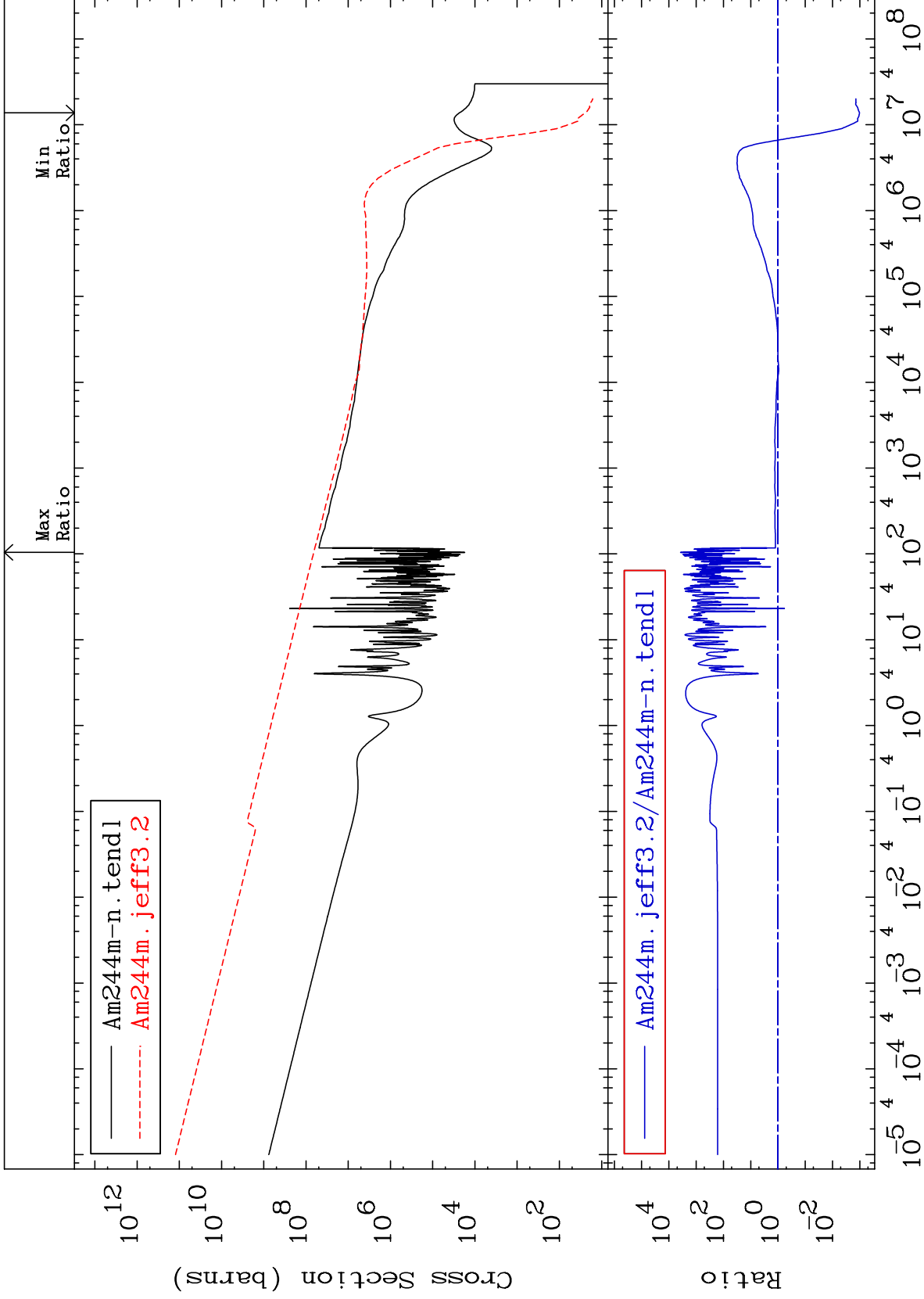




MAT 9553

Kerma capture (mt102)  
Cross Section

95-Am-244  
-99.90 To 9999. %



40

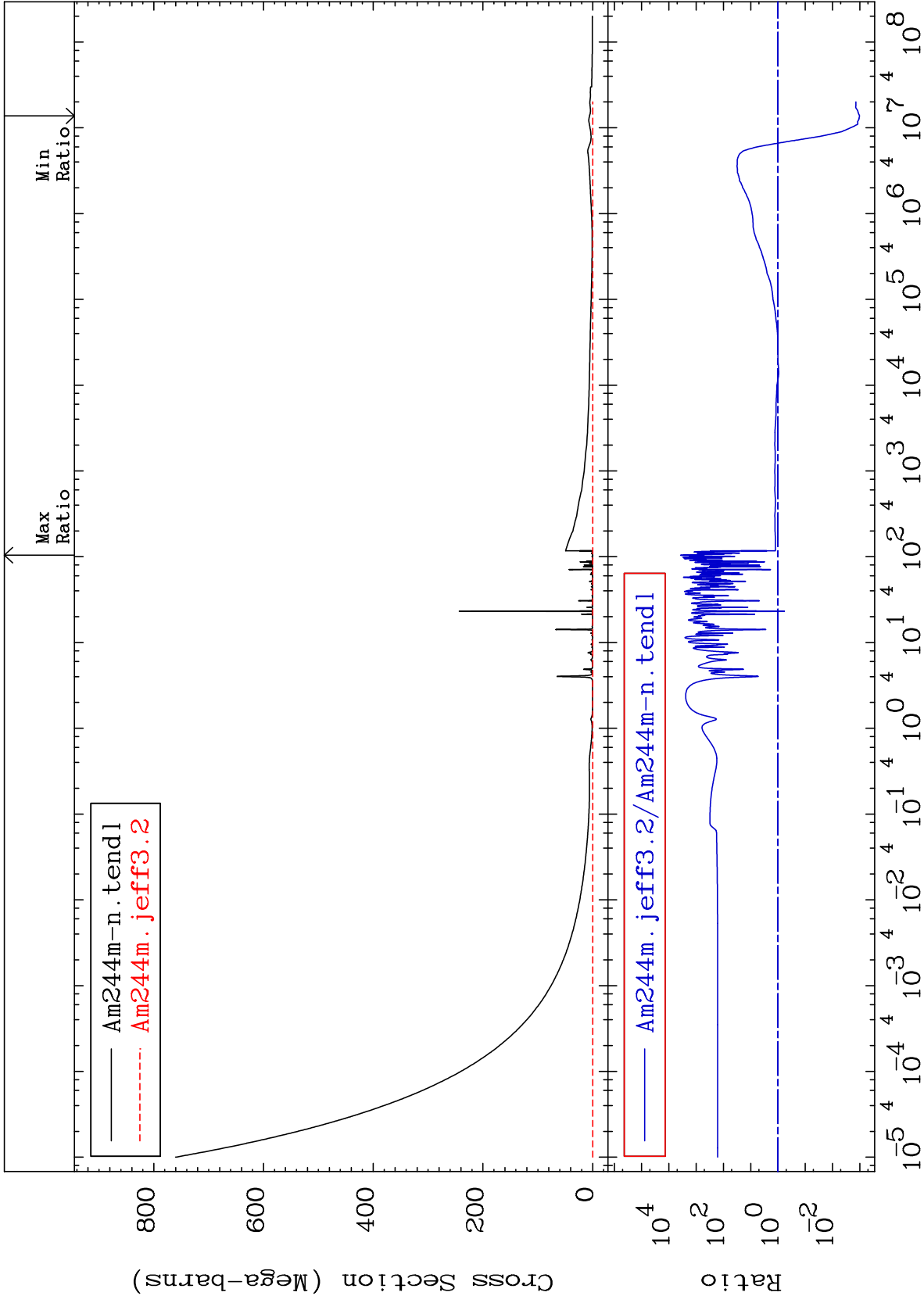
Incident Energy (eV)

95-Am-244

MAT 9553

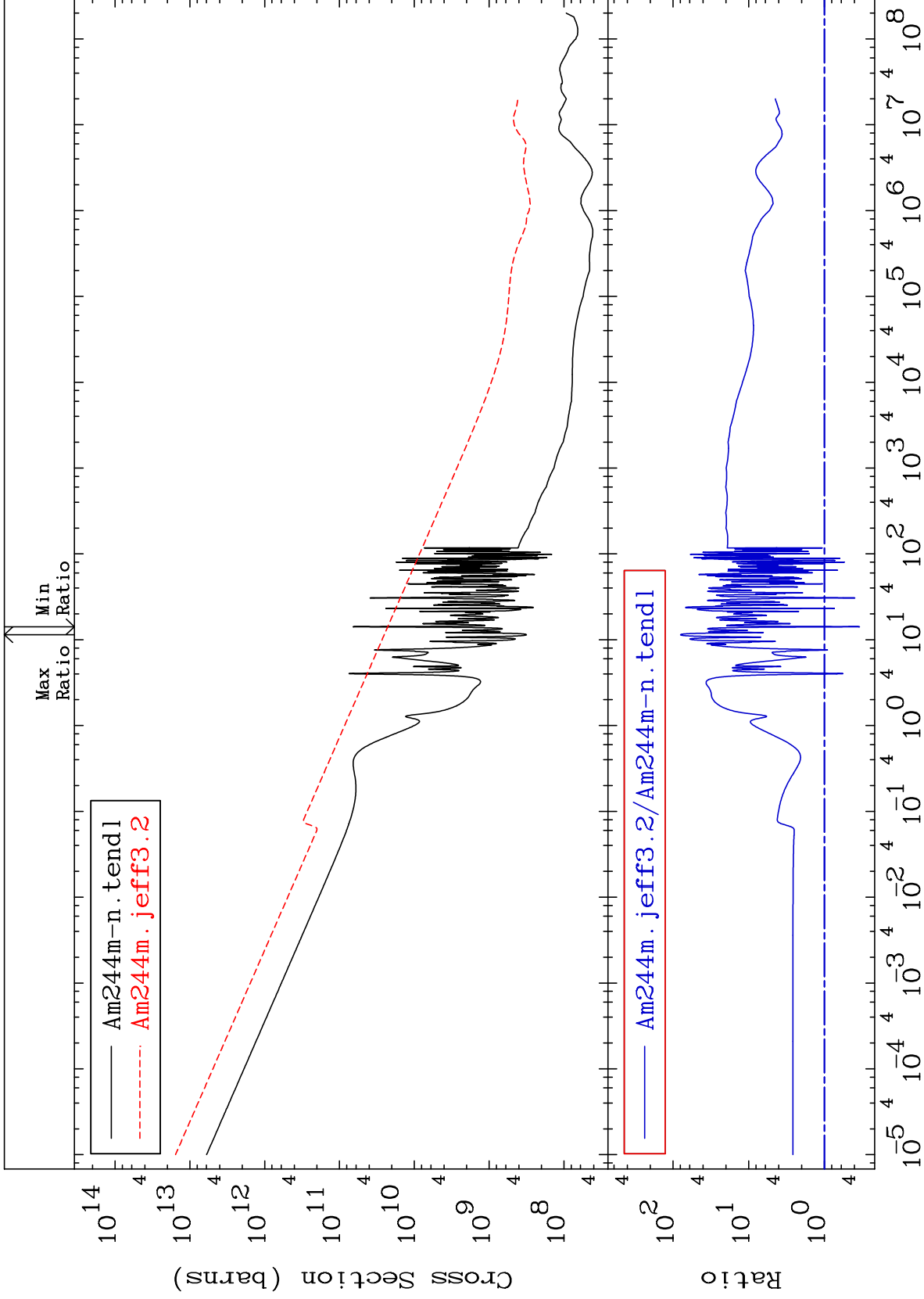
Total photon (eV-barns)  
Cross Section

95-Am-244  
-99.90 To 9999. %



41

95-Am-244

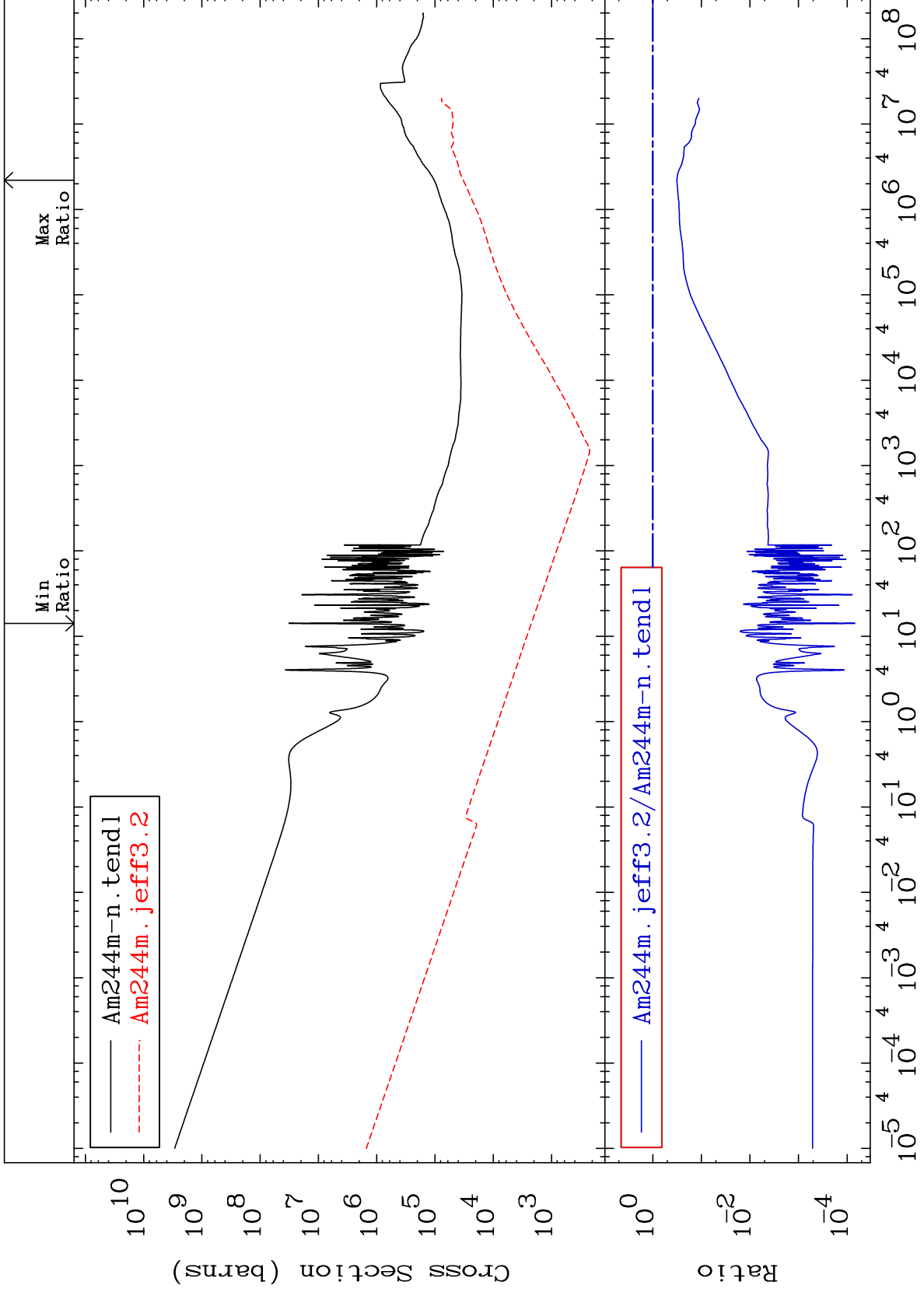




MAT 9553

Dpa total (eV-barns)  
Cross Section

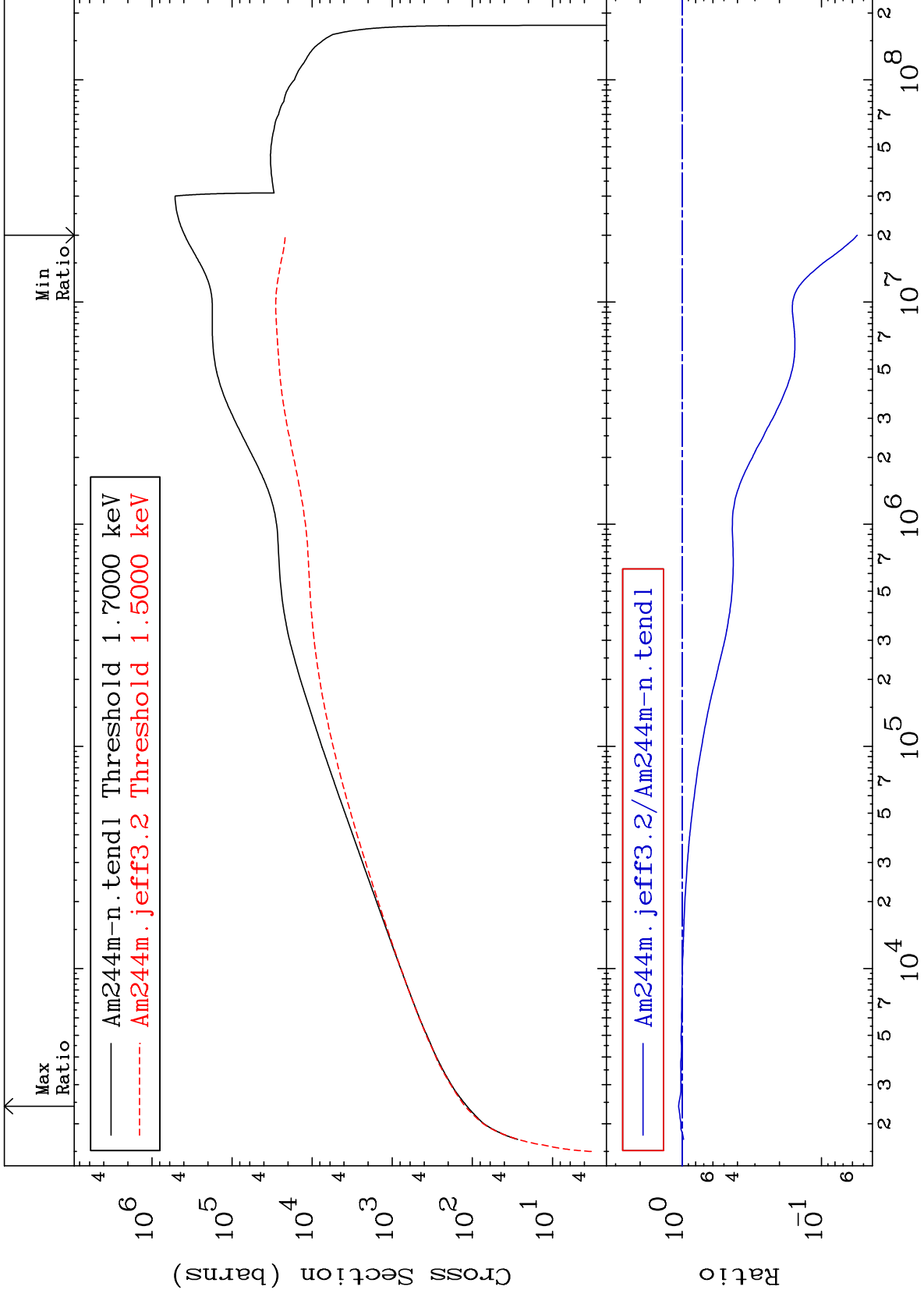
95-Am-244  
-99.99 To -68.22%



MAT 9553

Dpa elastic (mt2)  
Cross Section

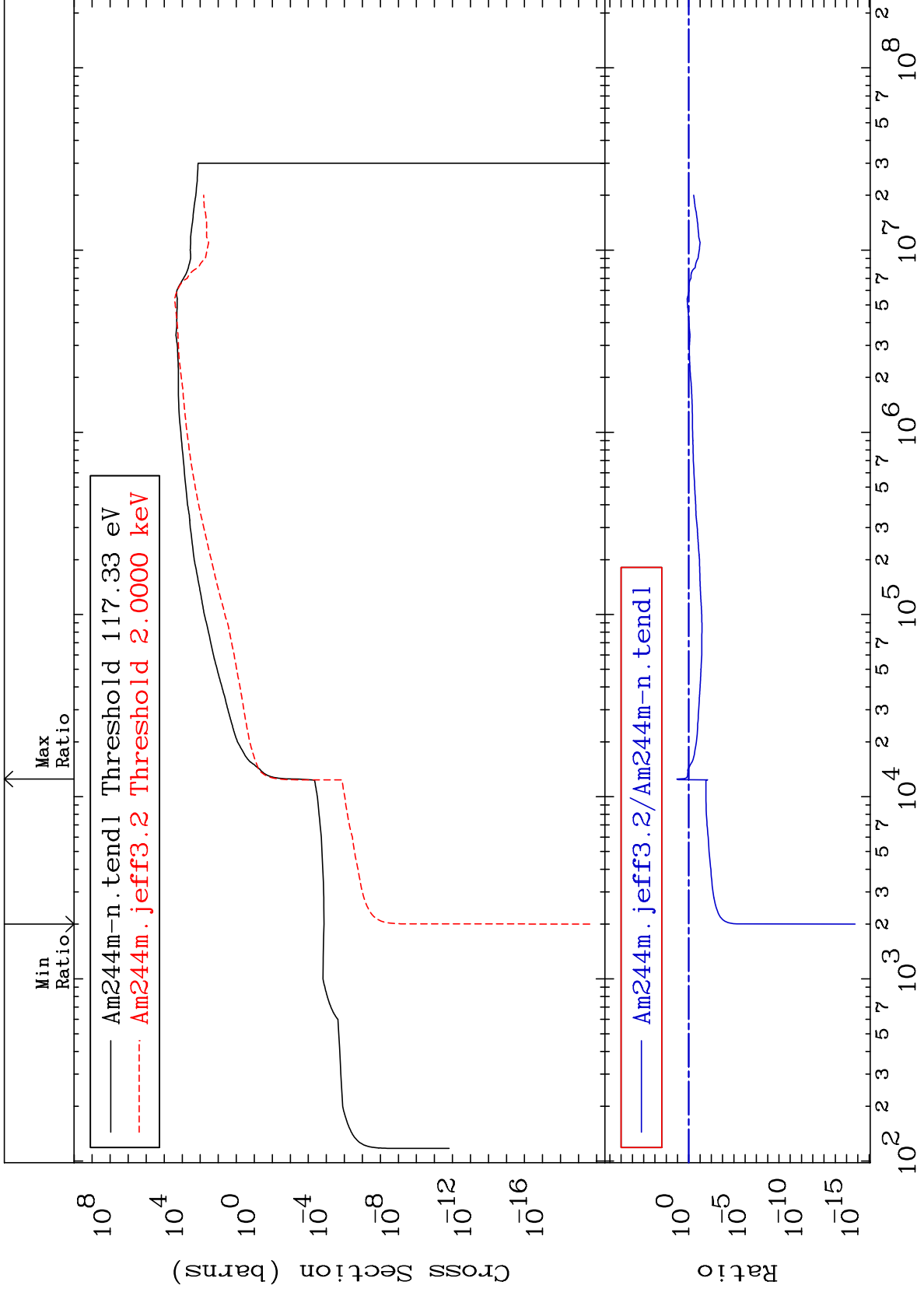
95-Am-244  
-94.46 To 5.815 %



MAT 9553

Dpa inelastic (mt51-91)  
Cross Section

95-Am-244  
-100.0 To 1020. %



MAT 9553

Dpa disappearance (mt102 -120)  
Cross Section

95-Am-244  
-100.0 To 9999. %

