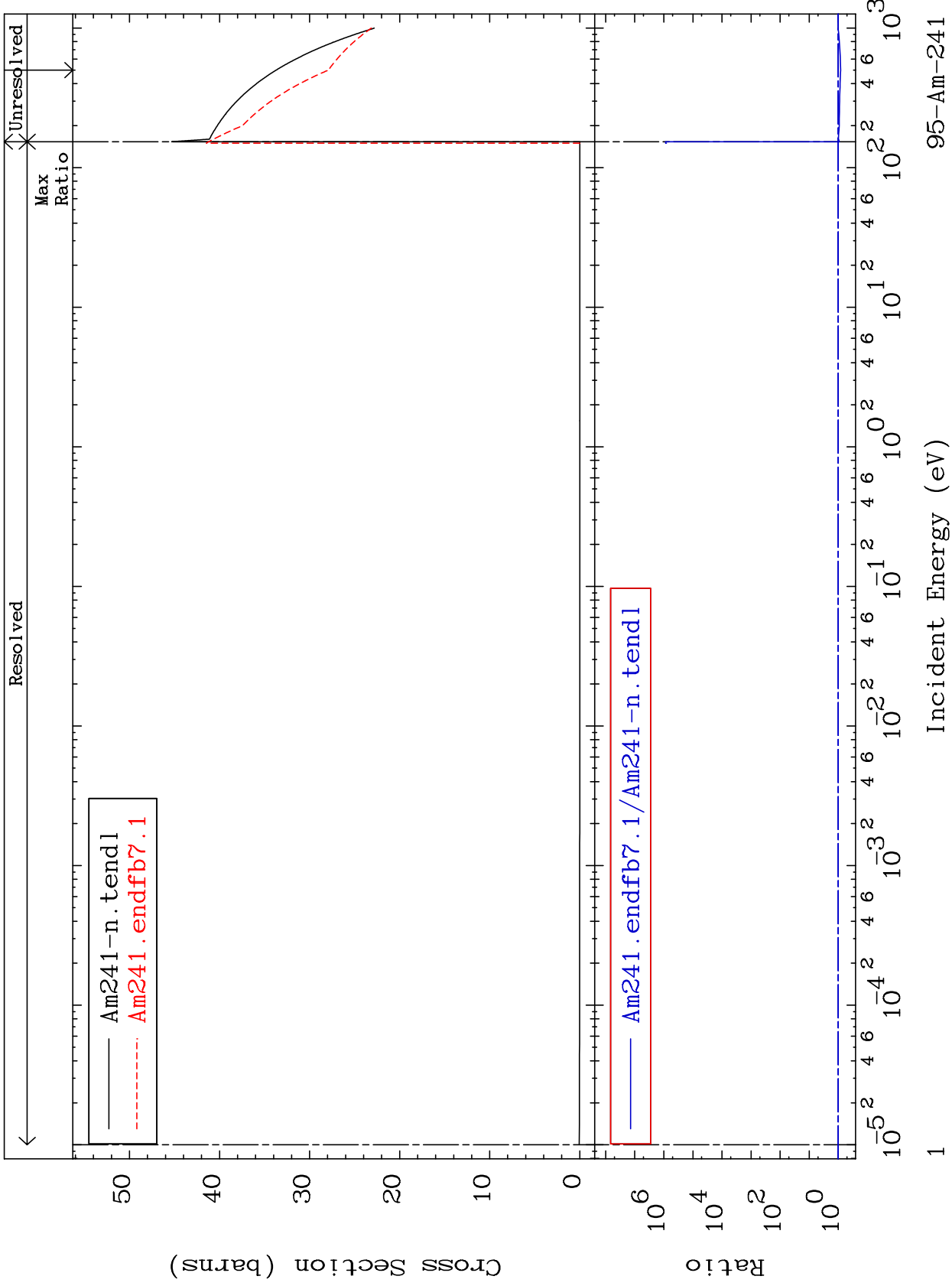


MAT 9543

Total
Cross Section

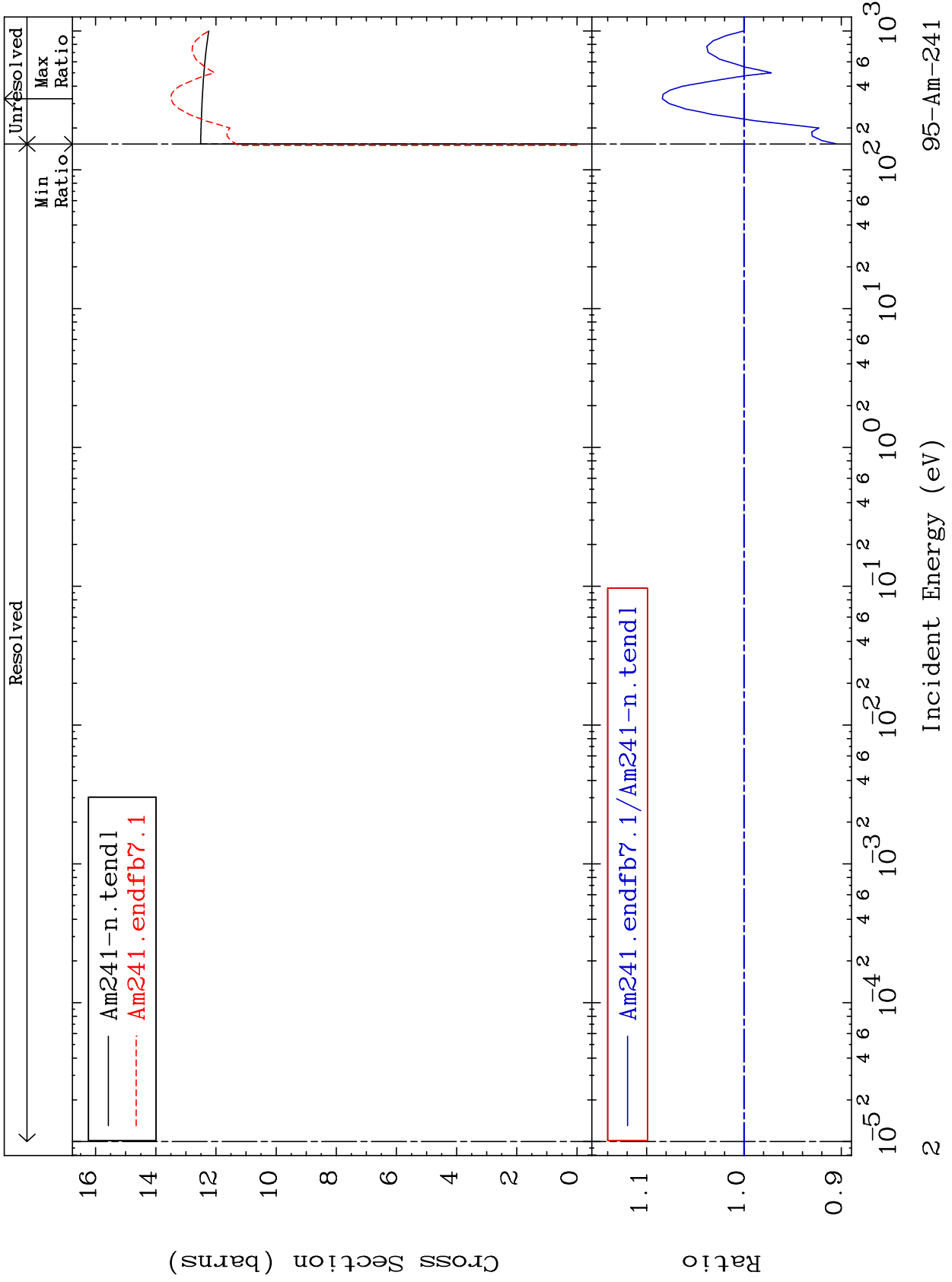
95-Am-241
-17.20 To 9999. %



MAT 9543

Elastic
Cross Section

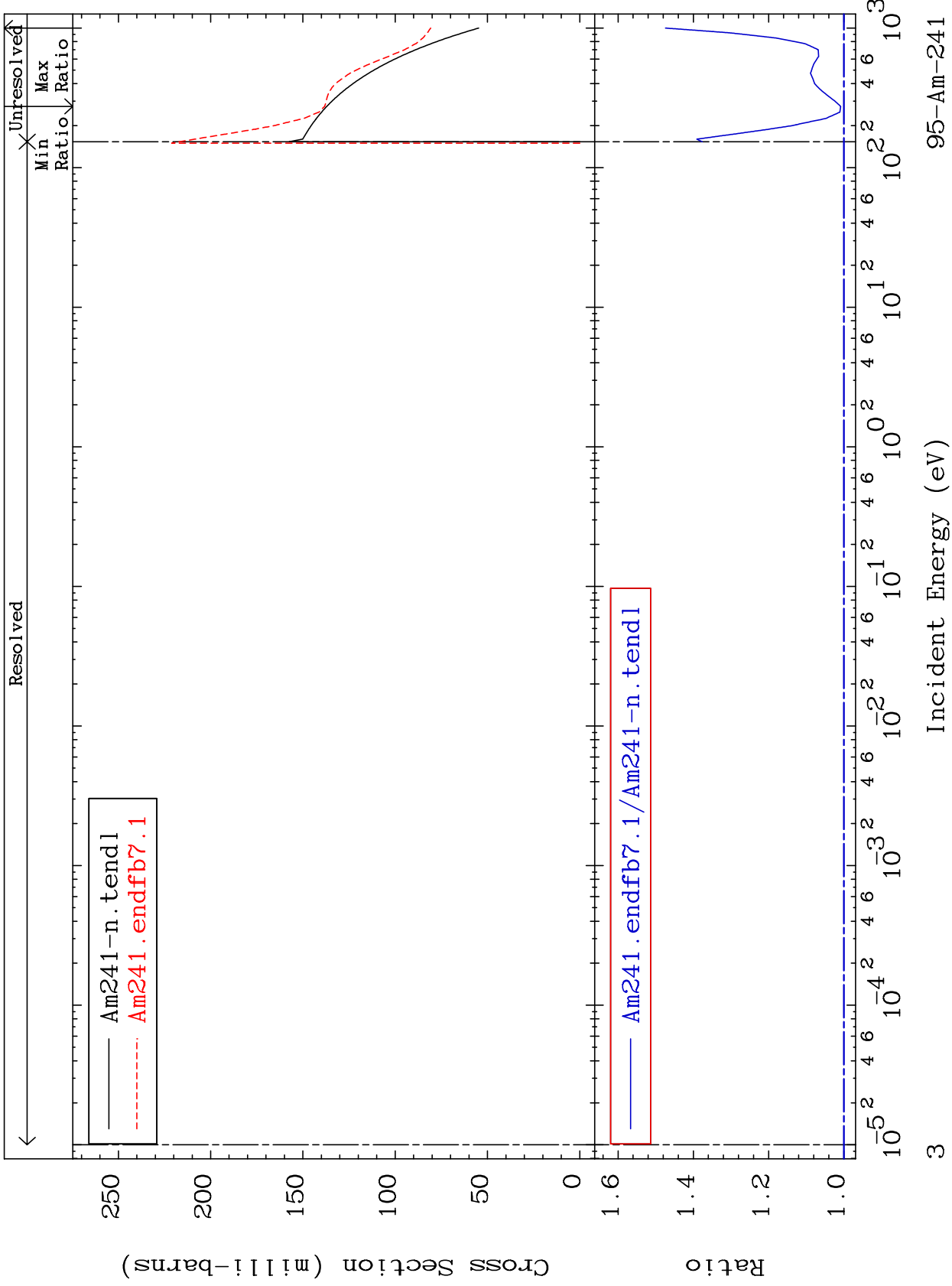
95-Am-241
-9.511 To 8.386 %



MAT 9543

Fission
Cross Section

95-Am-241
0.841 To 47.39 %



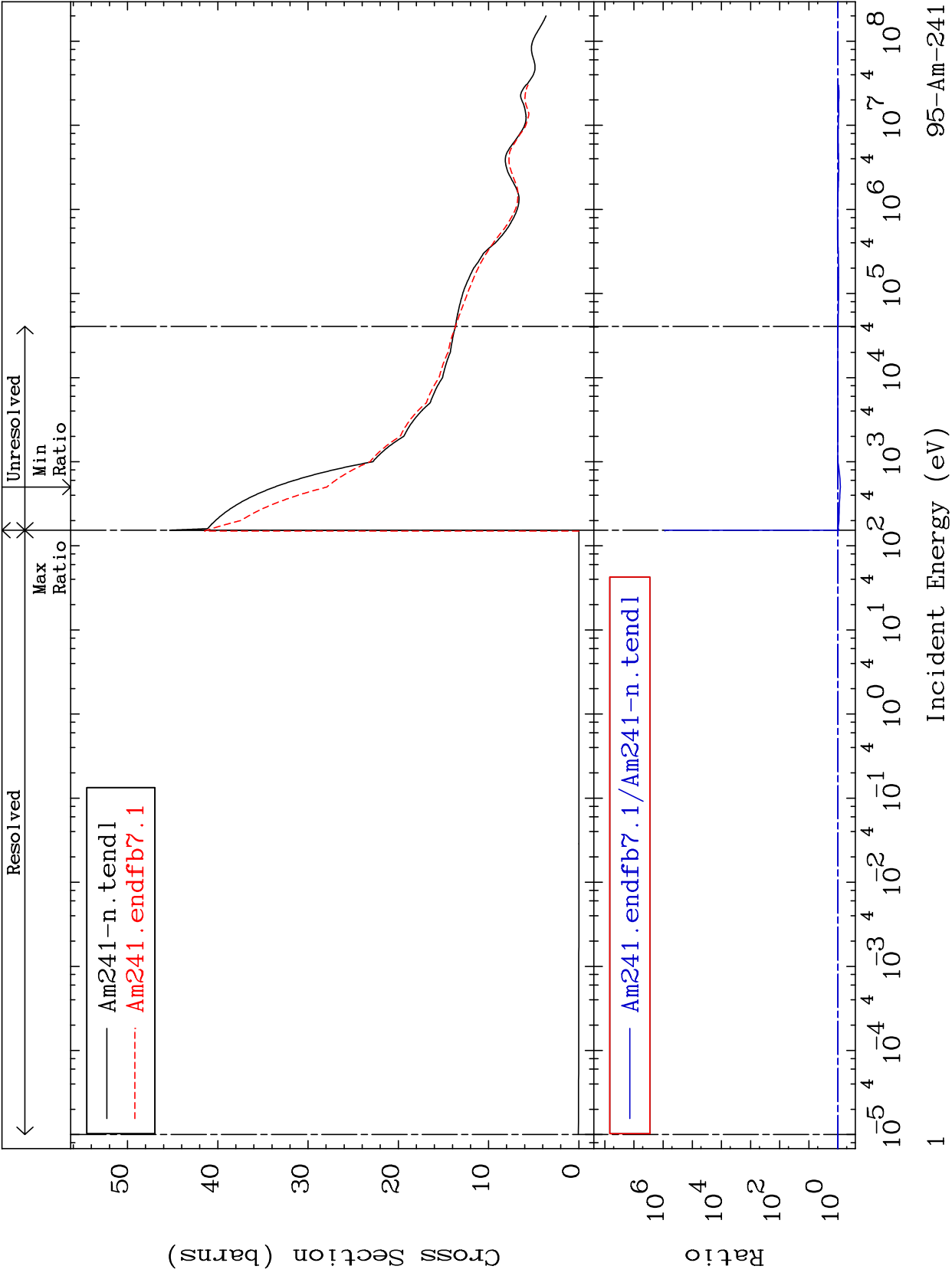
MAT 9543

Total

95-Am-241

Cross Section

-17.20 To 9999. %

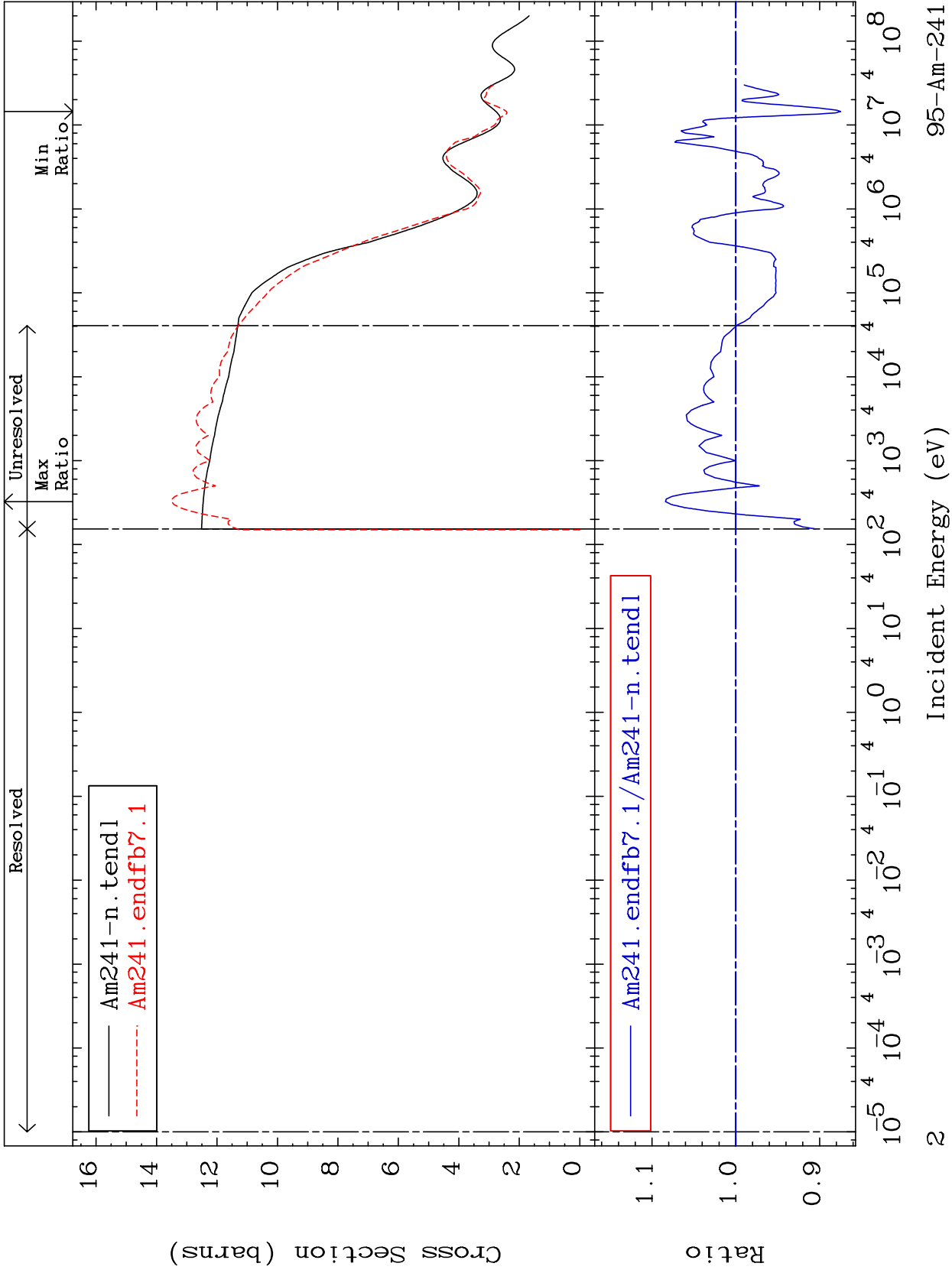


95-Am-241

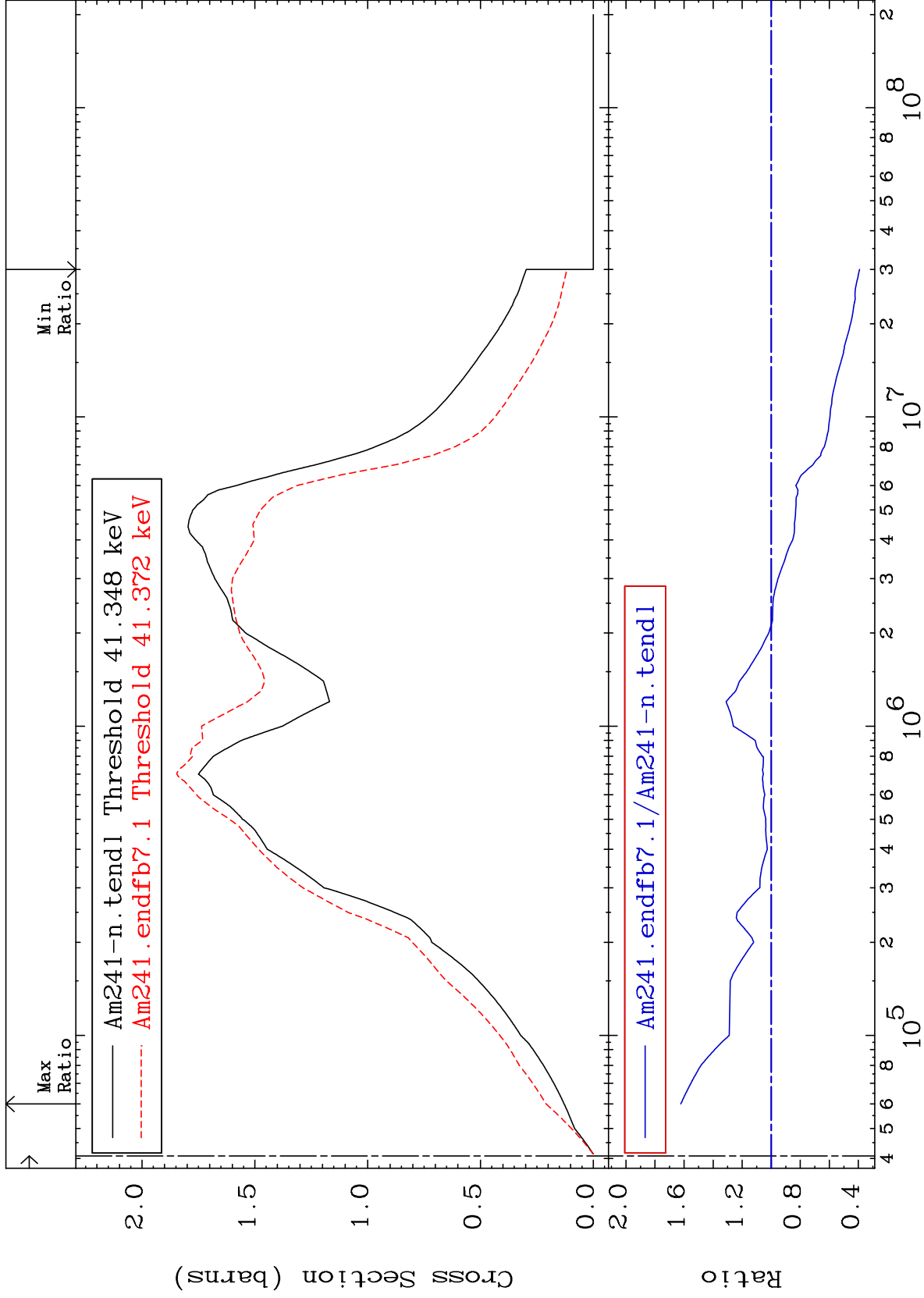
MAT 9543

Elastic
Cross Section

95-Am-241
-12.52 To 8.386 %



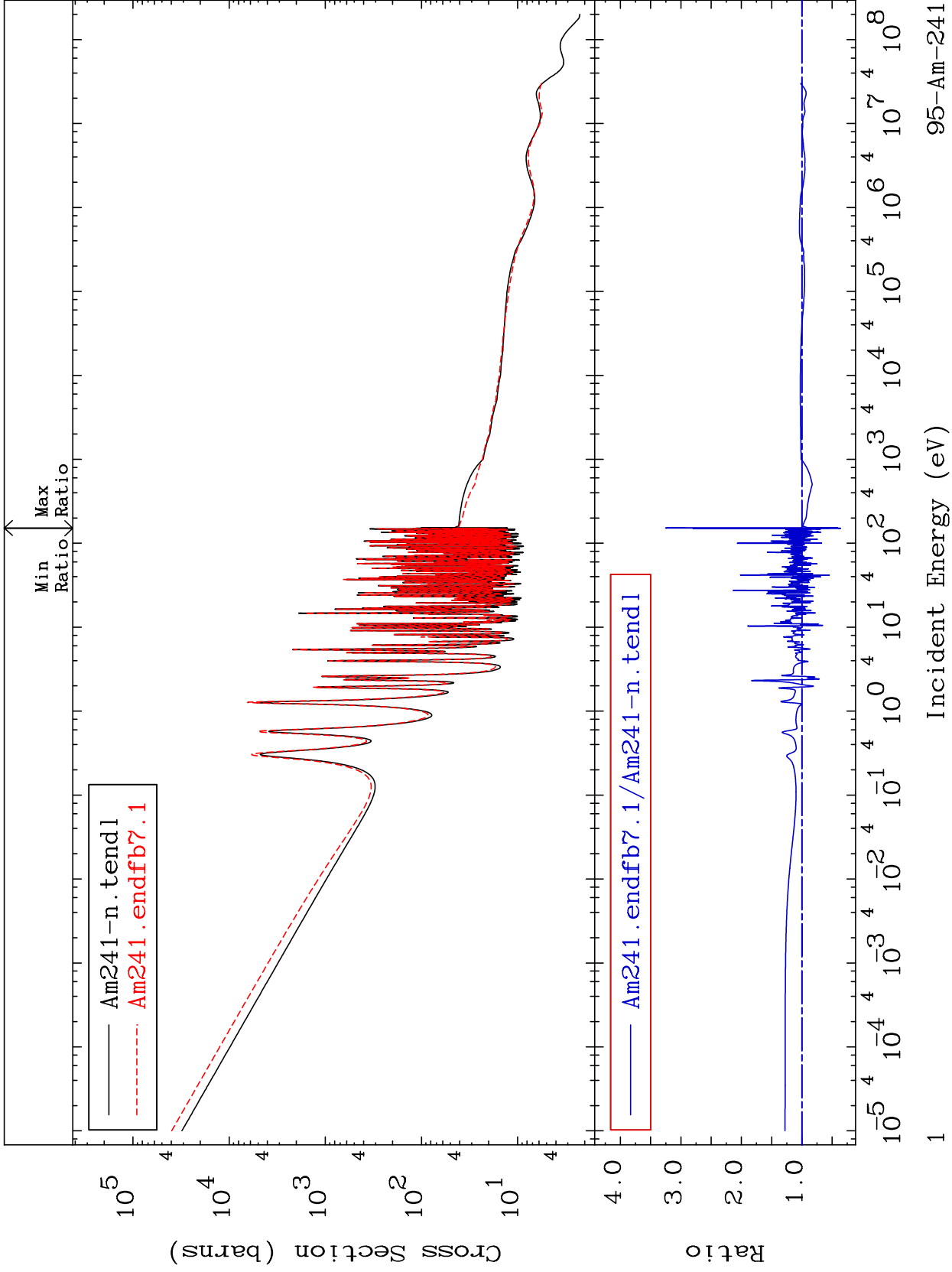
MAT 9543 Inelastic Cross Section 95-Am-241 -60.80 To 62.25 %



MAT 9543

Total
Cross Section

95-Am-241
-64.12 To 225.5 %

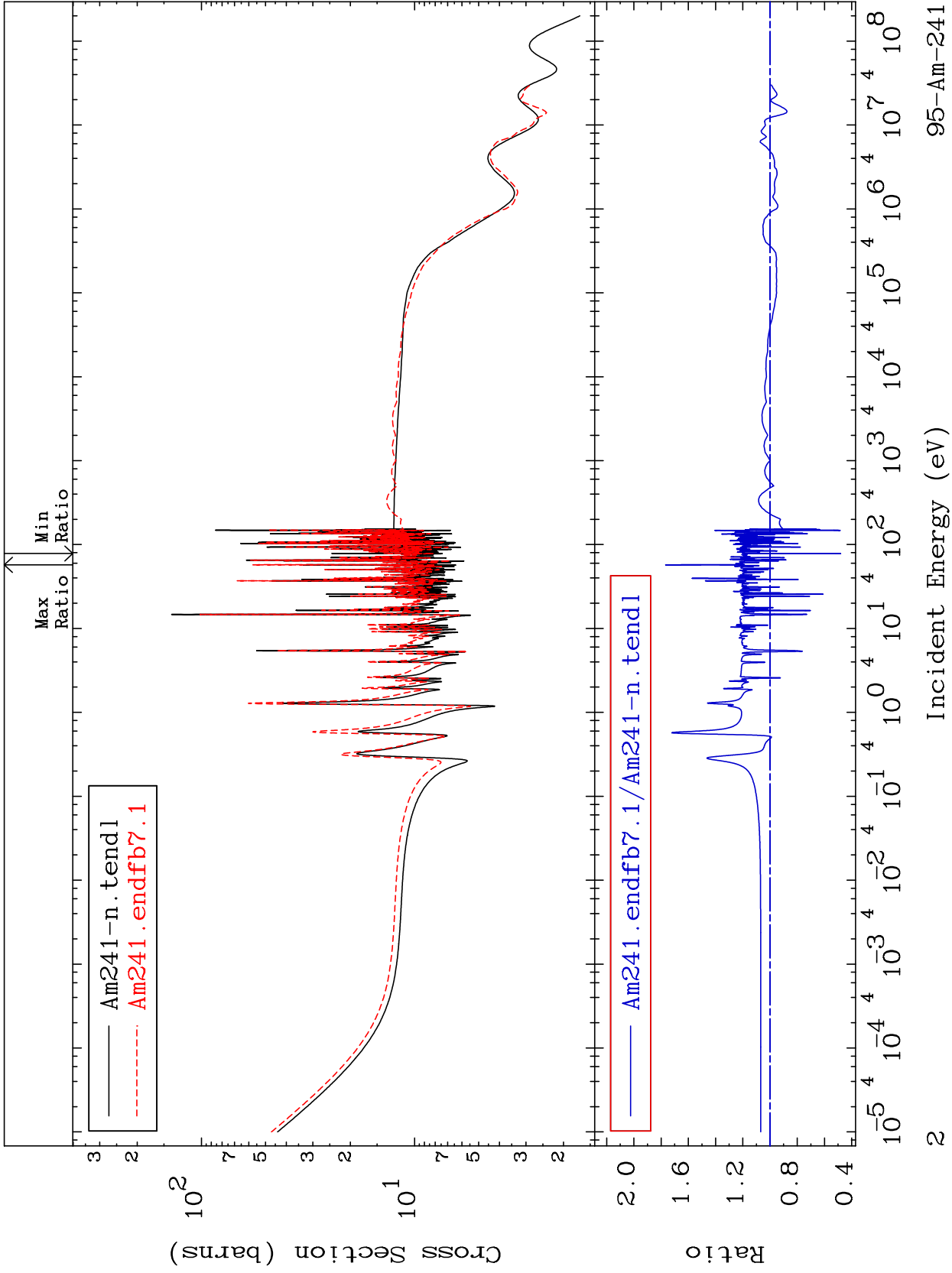


95-Am-241

MAT 9543

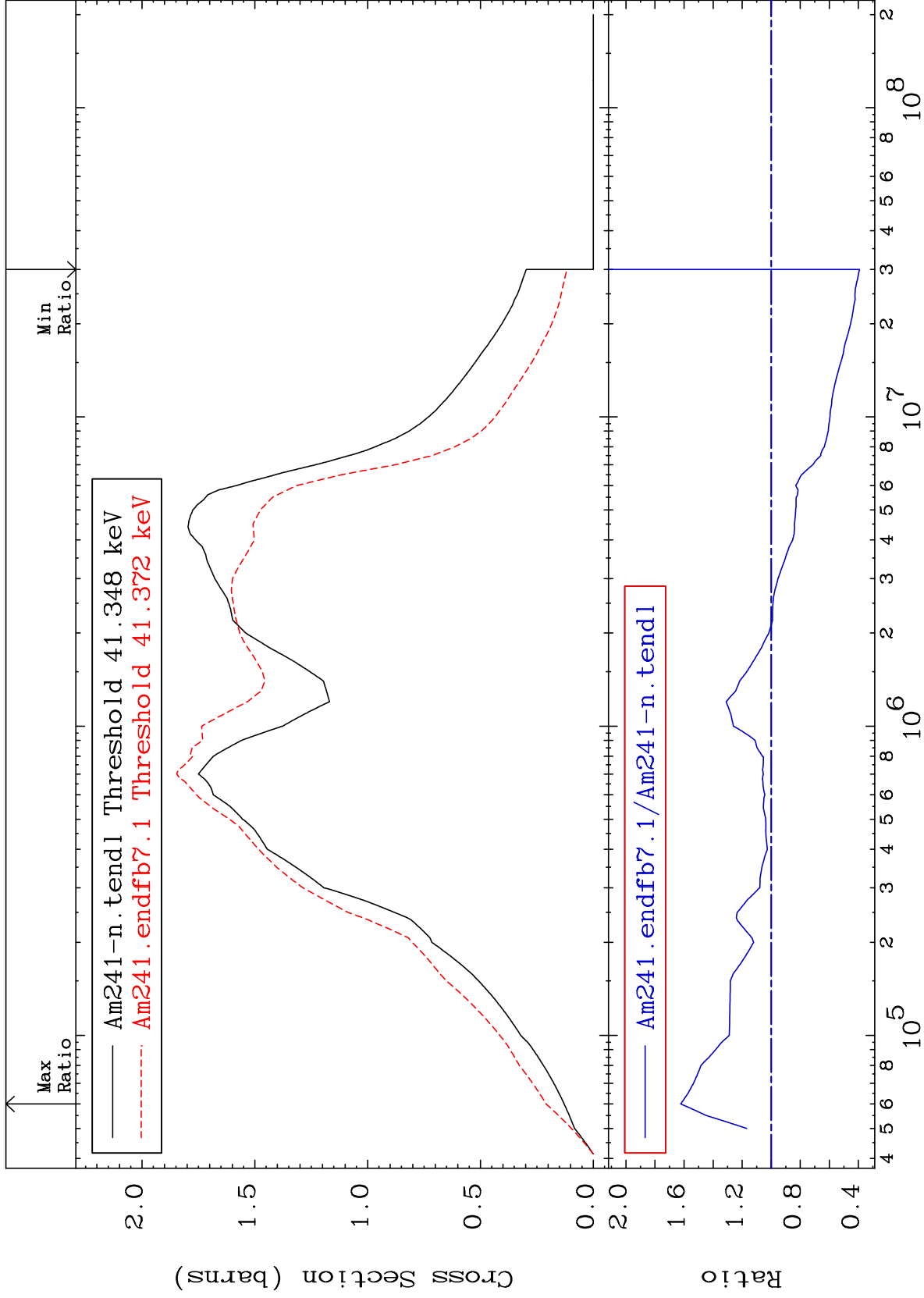
Elastic
Cross Section

95-Am-241
-51.89 To 76.78 %



95-Am-241

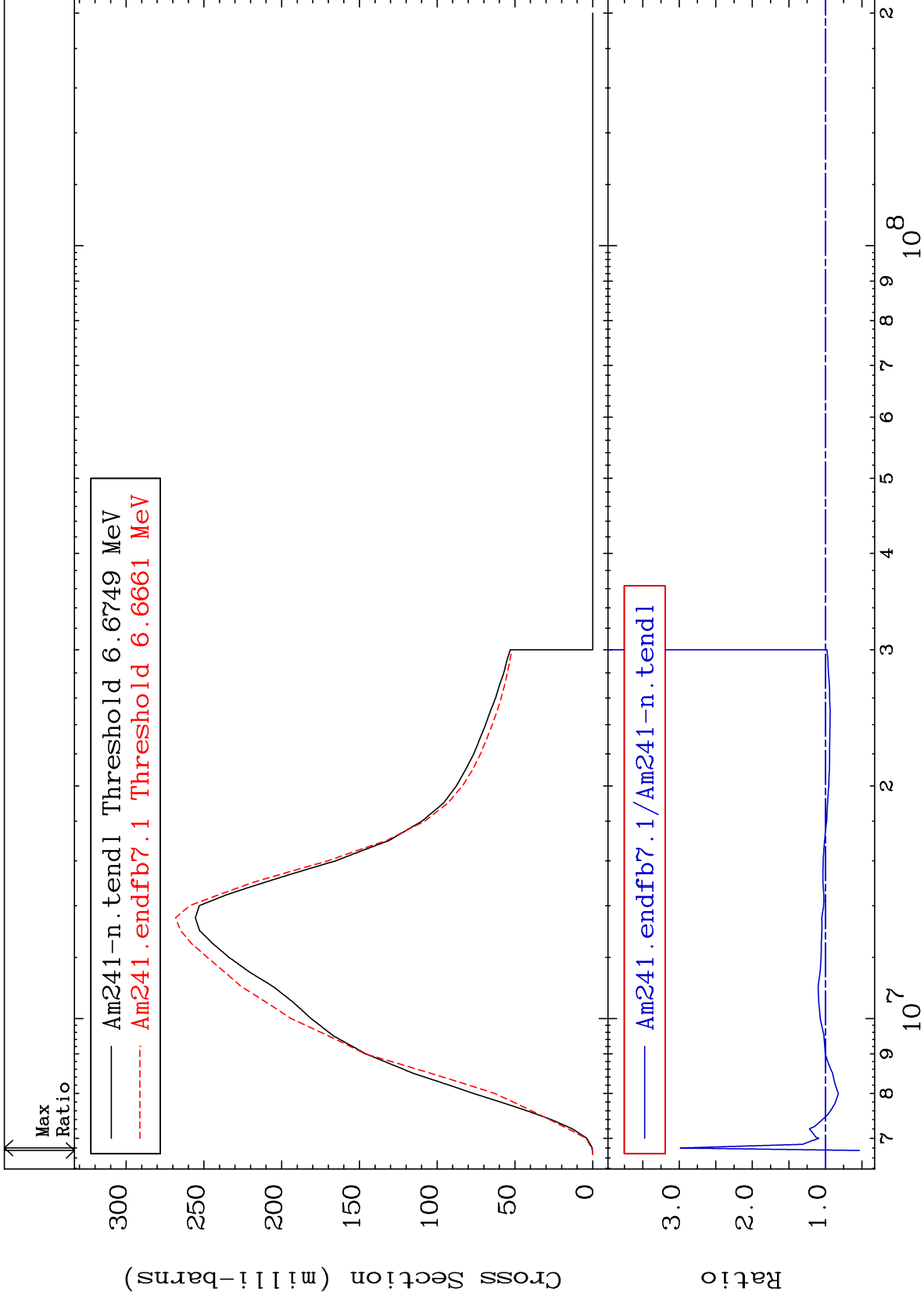
MAT 9543 Inelastic Cross Section 95-Am-241 -60.80 To 62.25 %



MAT 9543

(n,2n)
Cross Section

95-Am-241
-46.55 To 198.5 %



4

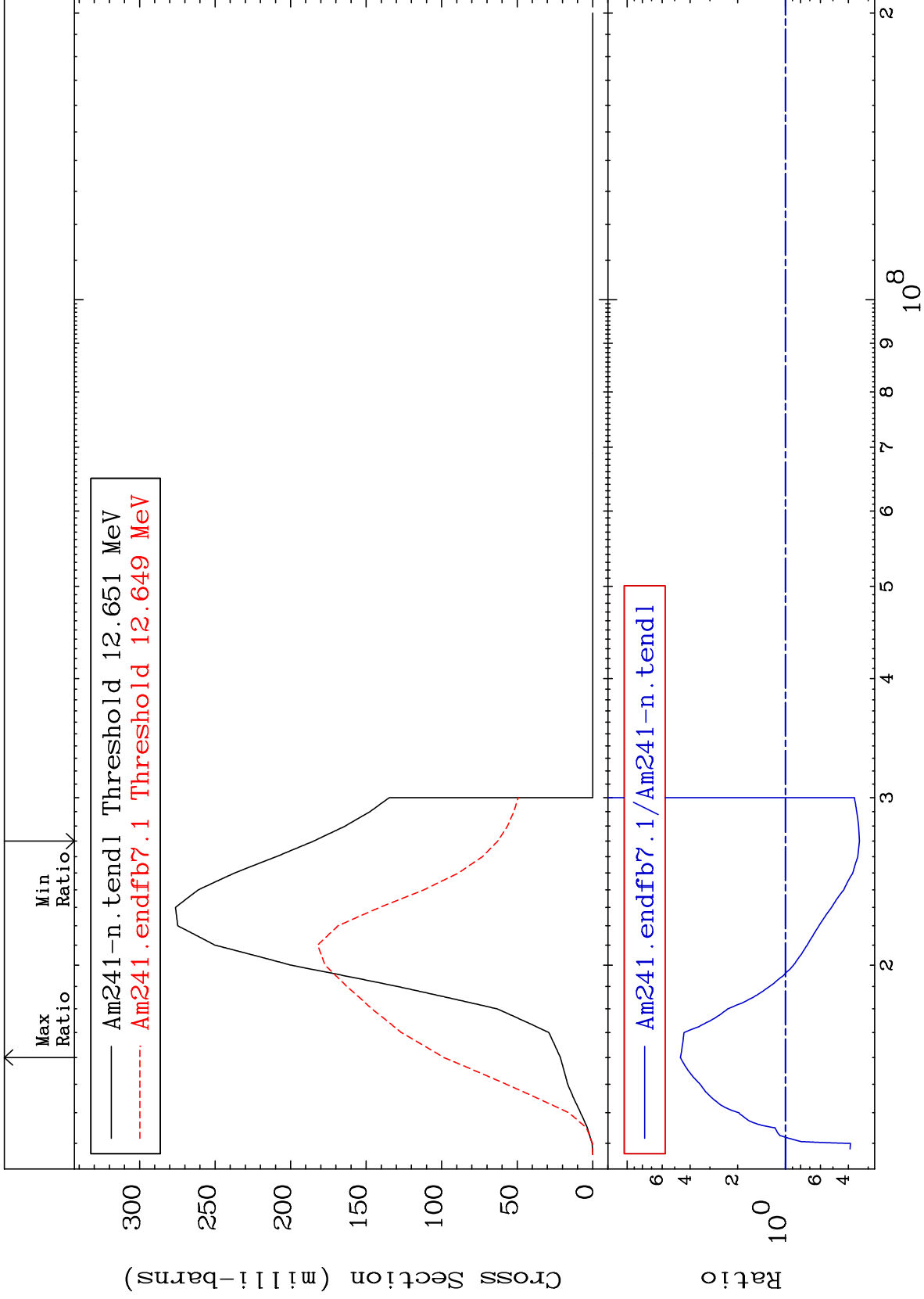
Incident Energy (eV)

95-Am-241

MAT 9543

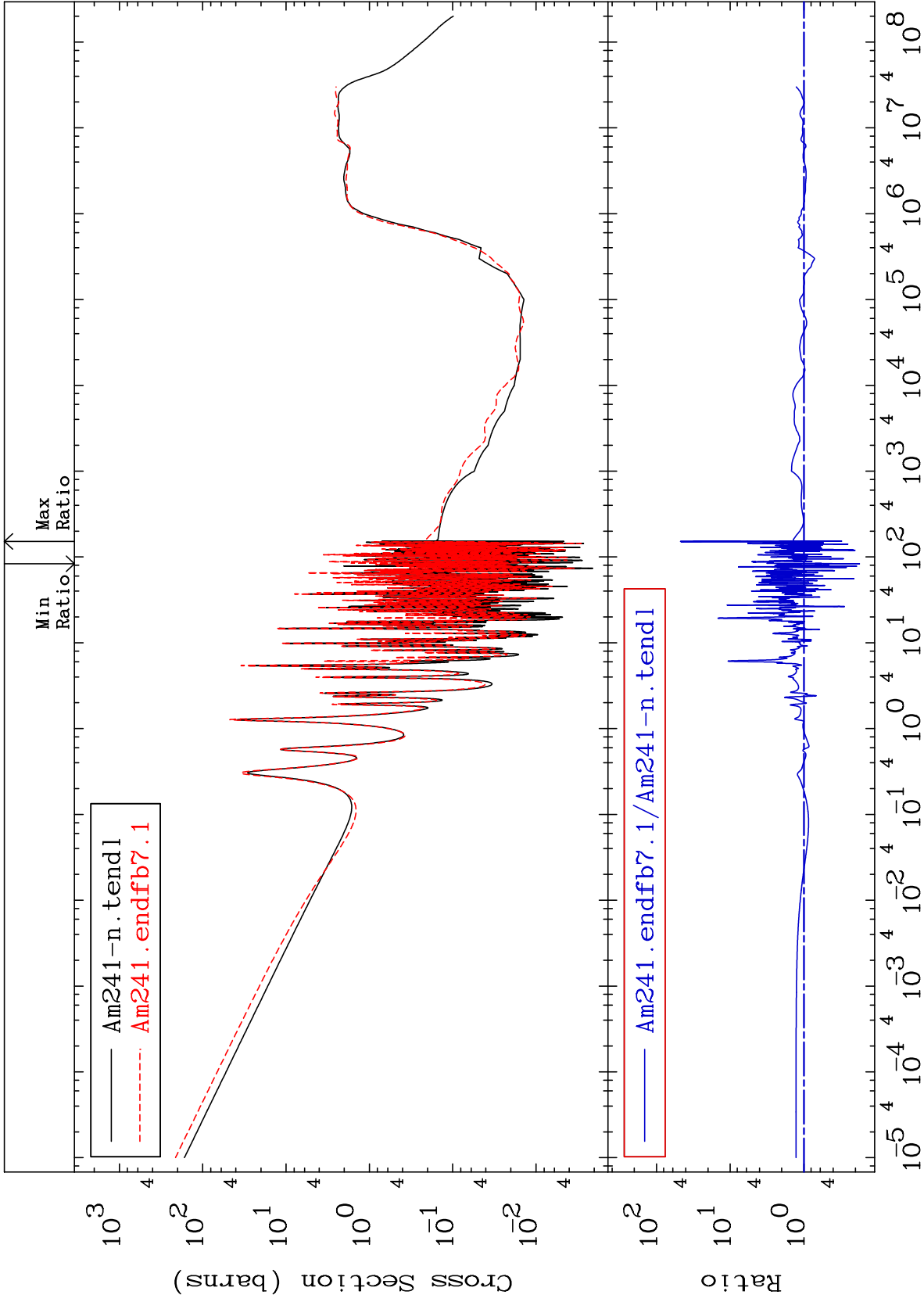
(n,3n)
Cross Section

95-Am-241
-65.96 To 360.7 %



MAT 9543

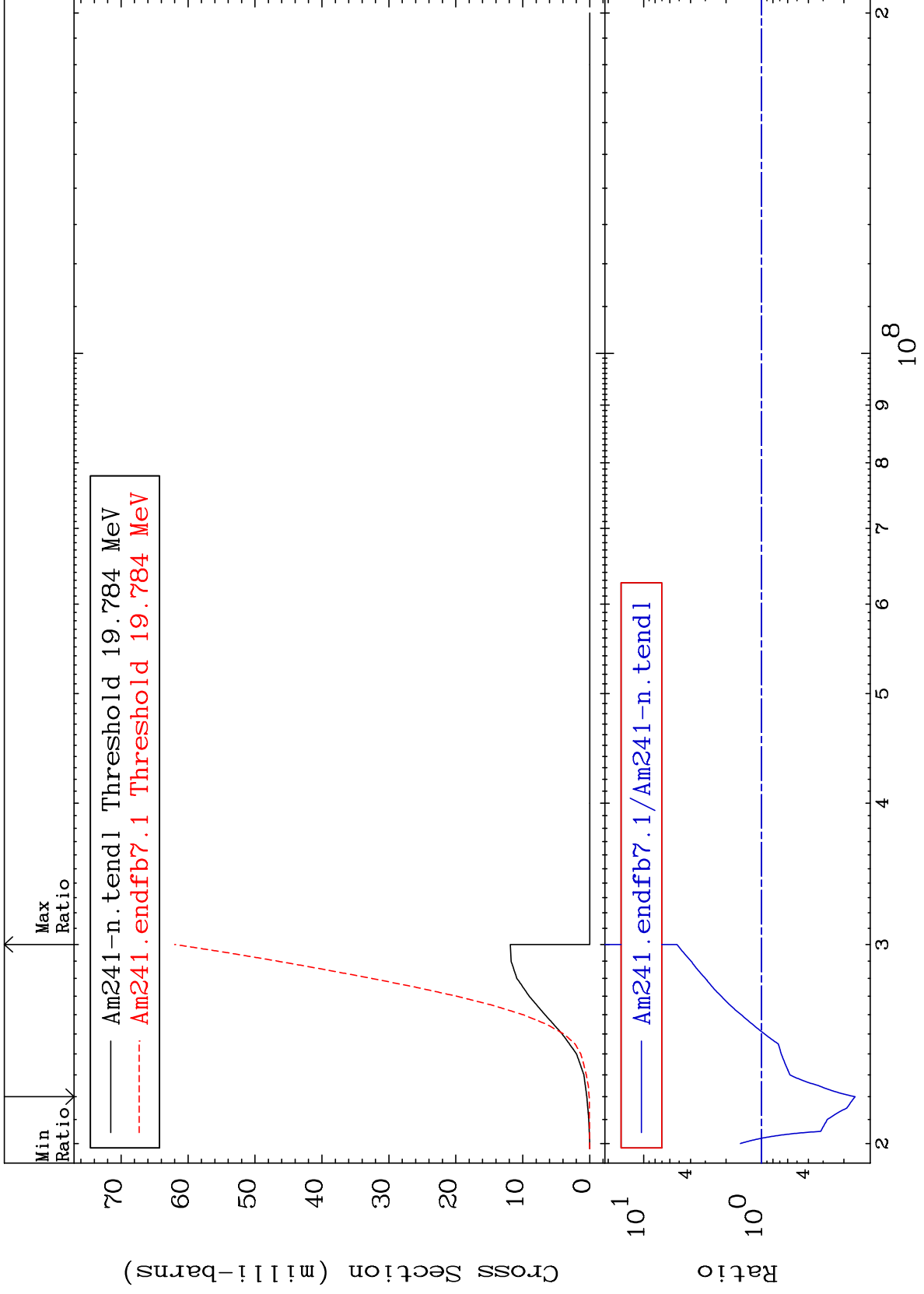
Fission Cross Section 95-Am-241
-82.37 To 4637. %



MAT 9543

(n,4n)
Cross Section

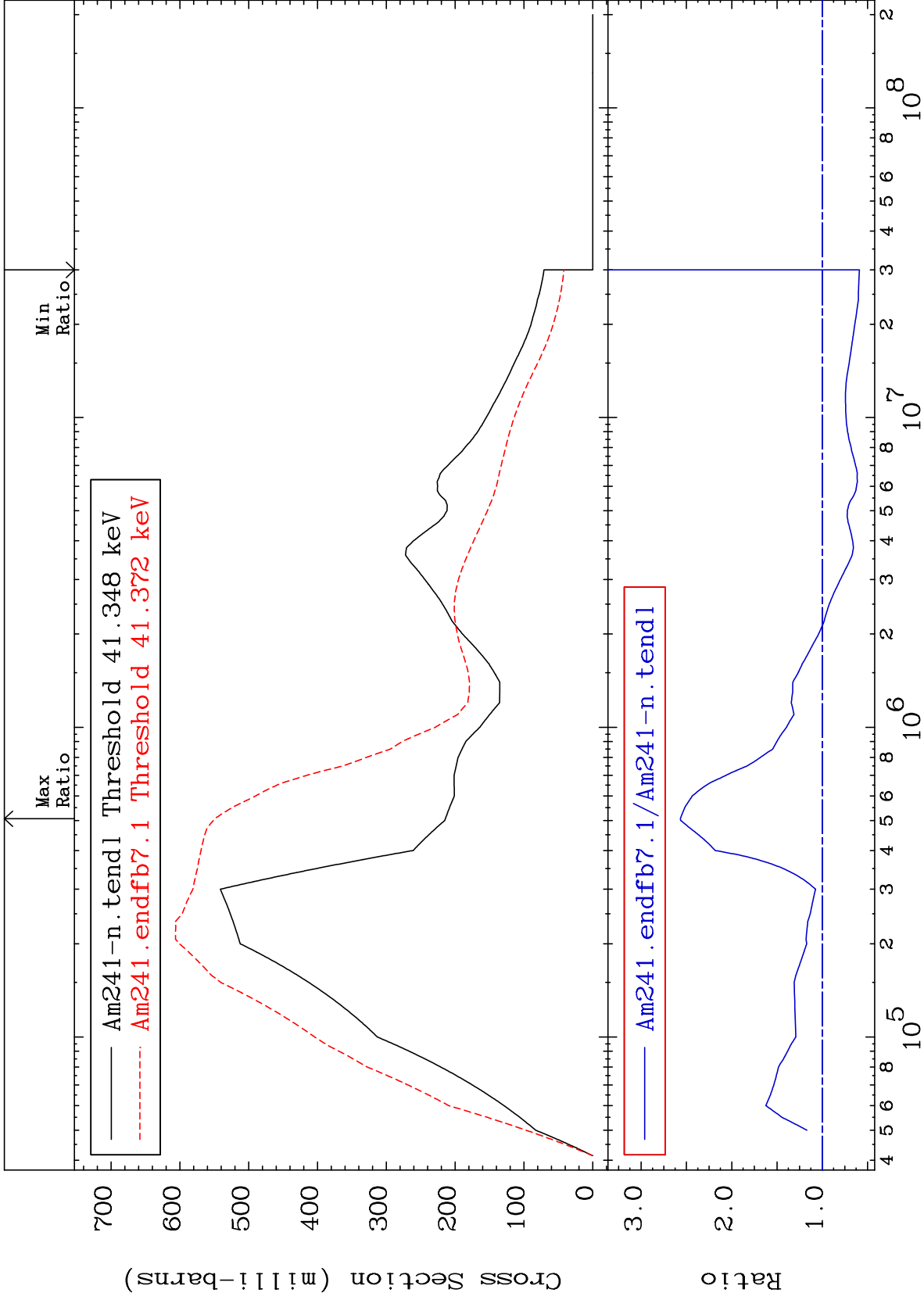
95-Am-241
-83.90 To 422.9 %



MAT 9543

41.18 keV (n,n') Level
Cross Section

95-Am-241
-41.10 To 156.7 %



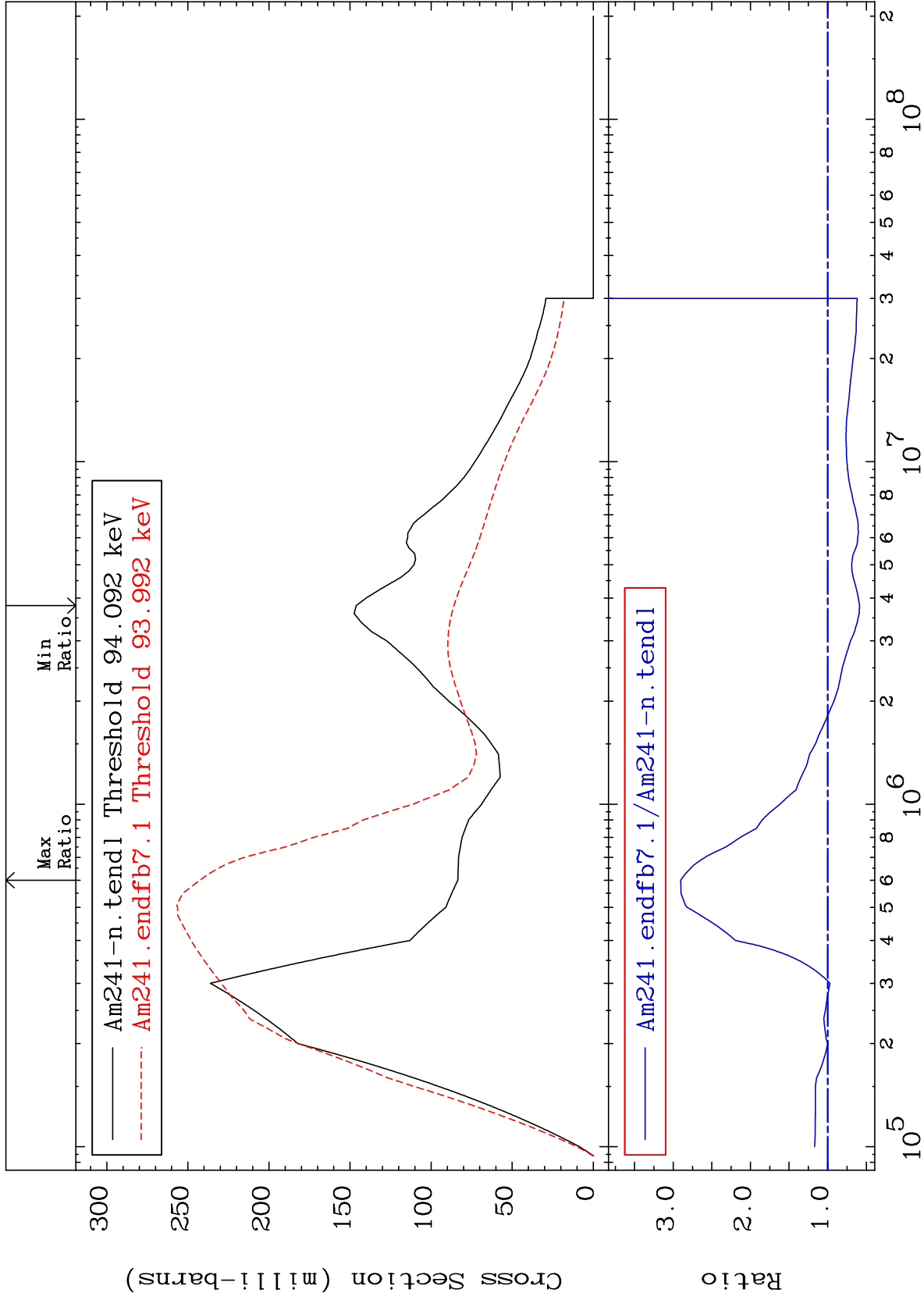
MAT 9543

93.70 keV (n,n') Level

95-Am-241

-41.24 To 190.2 %

Cross Section



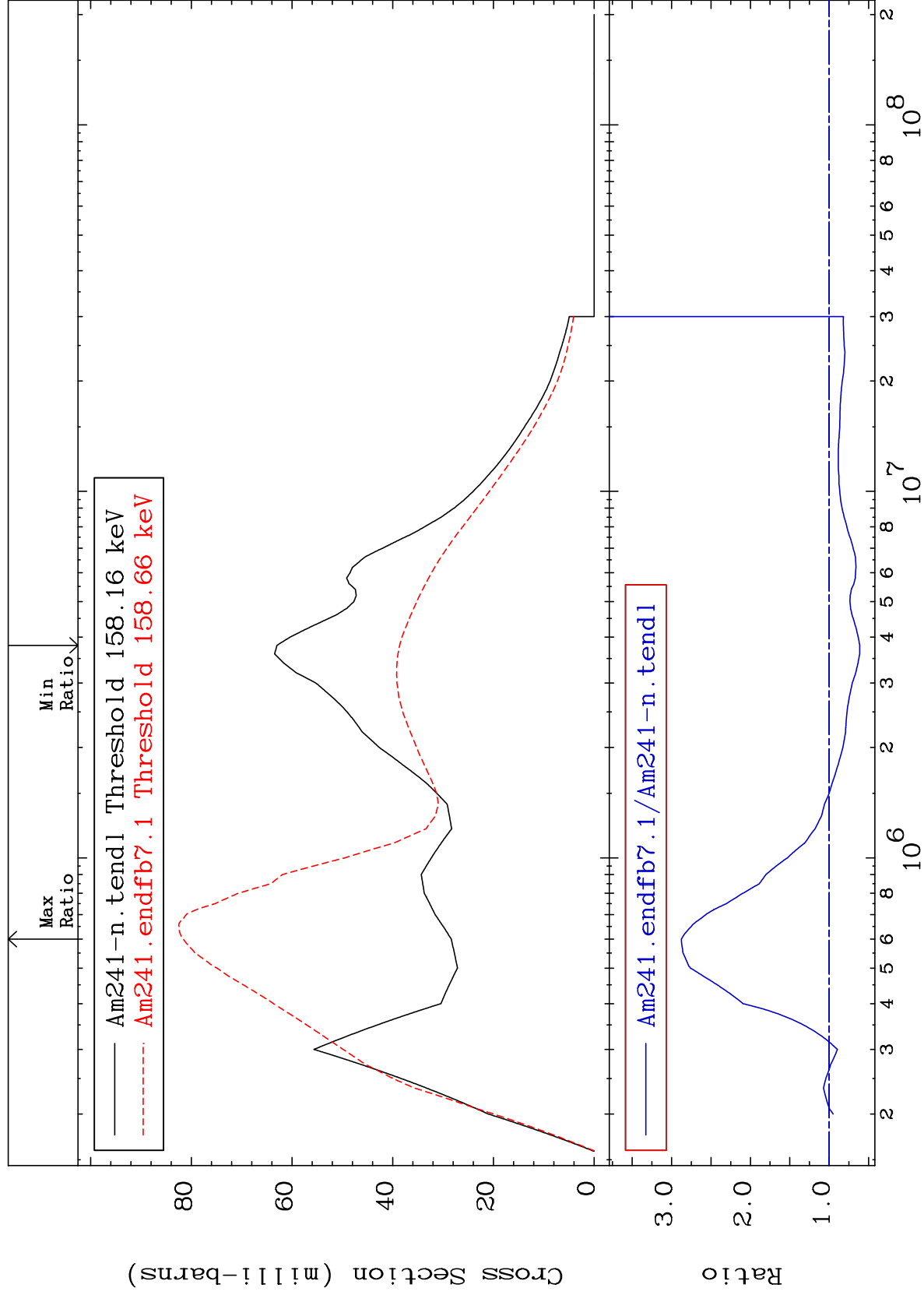
MAT 9543

157.5 keV (n,n') Level

95-Am-241

-38.70 To 187.6 %

Cross Section



10

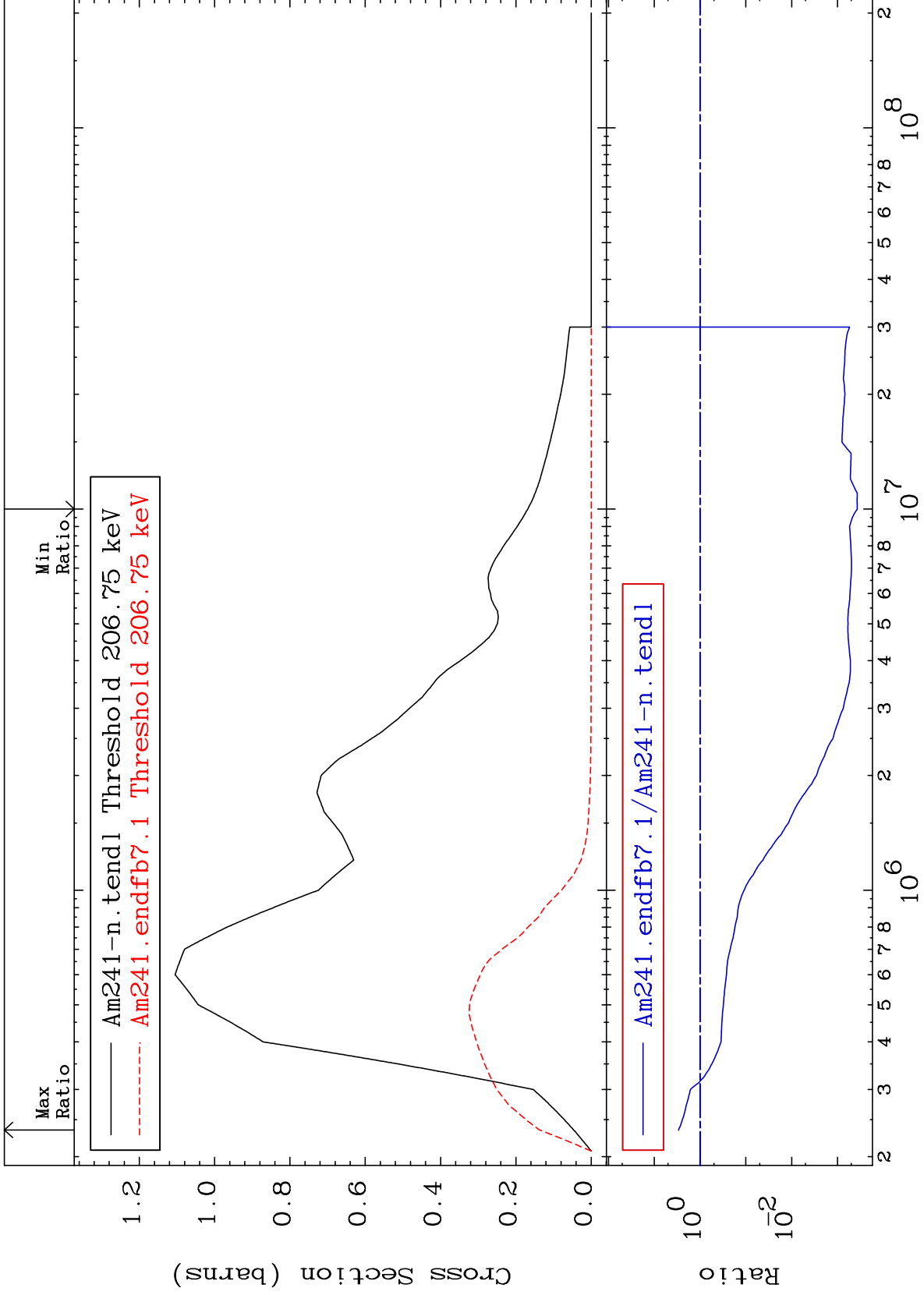
Incident Energy (eV)

95-Am-241

MAT 9543

205.9 keV (n,n') Level
Cross Section

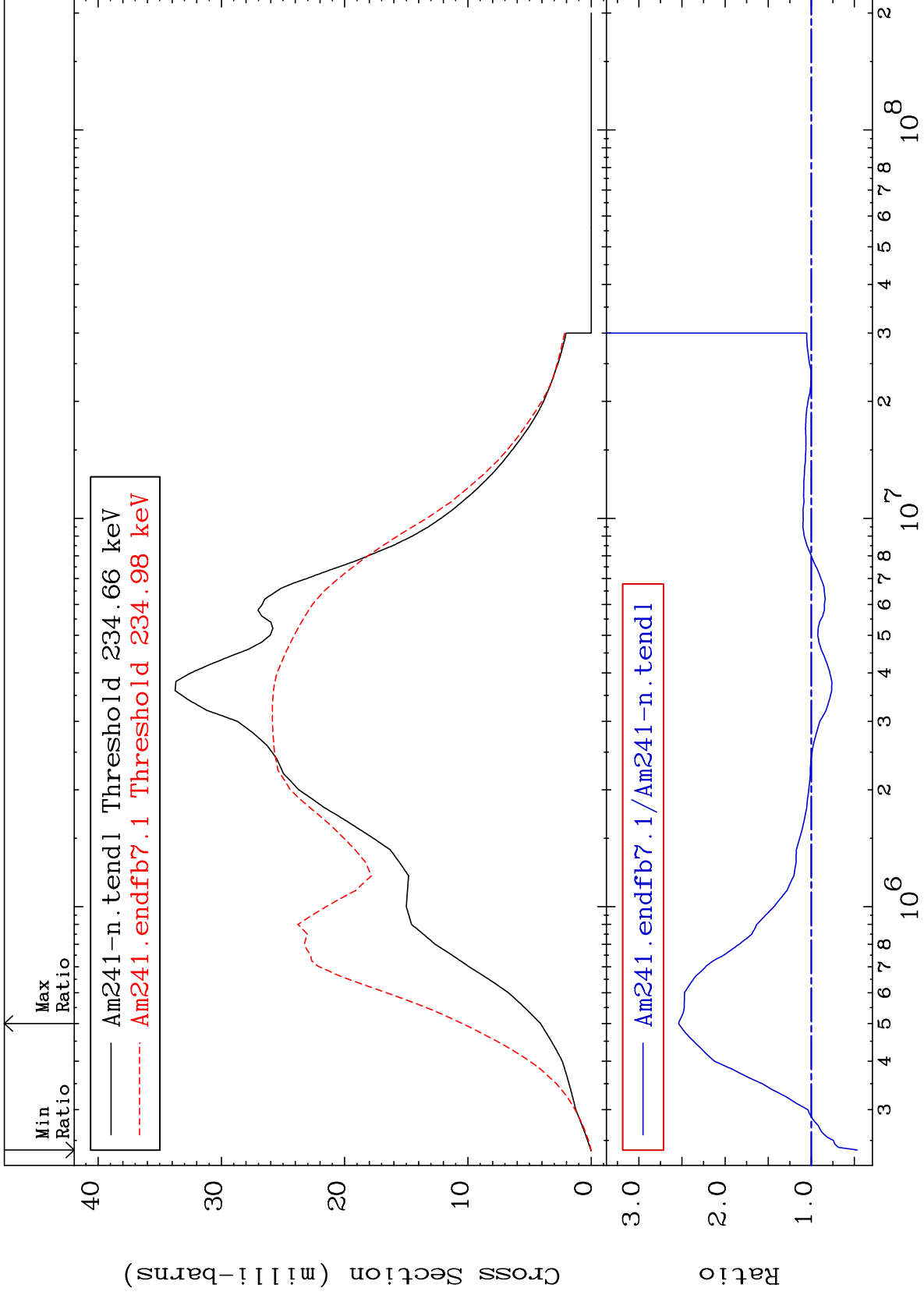
95-Am-241
-99.96 To 194.1 %



MAT 9543

233.7 keV (n,n') Level
Cross Section

95-Am-241
-53.30 To 153.9 %



12

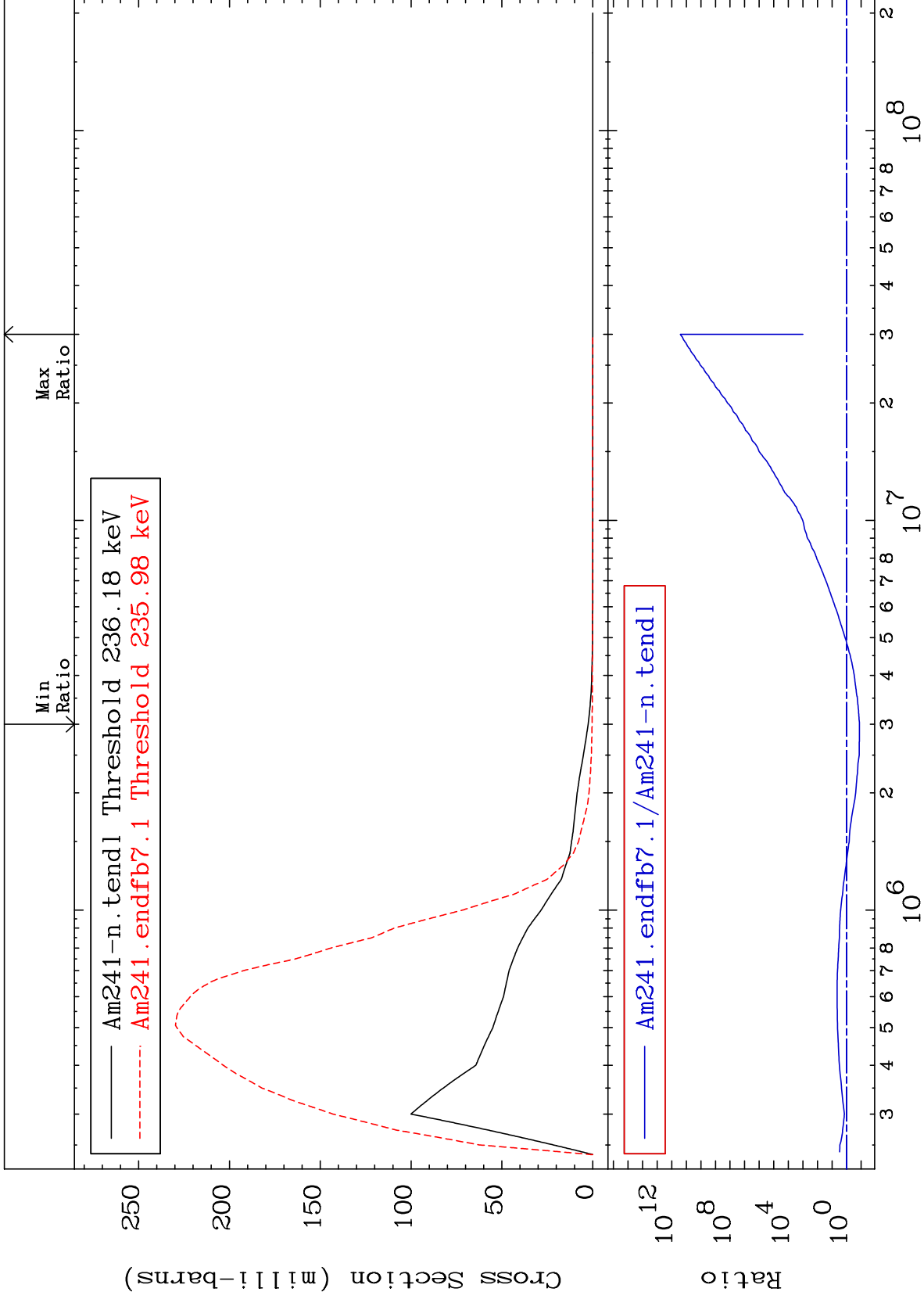
Incident Energy (eV)

95-Am-241

MAT 9543

235.2 keV (n,n') Level
Cross Section

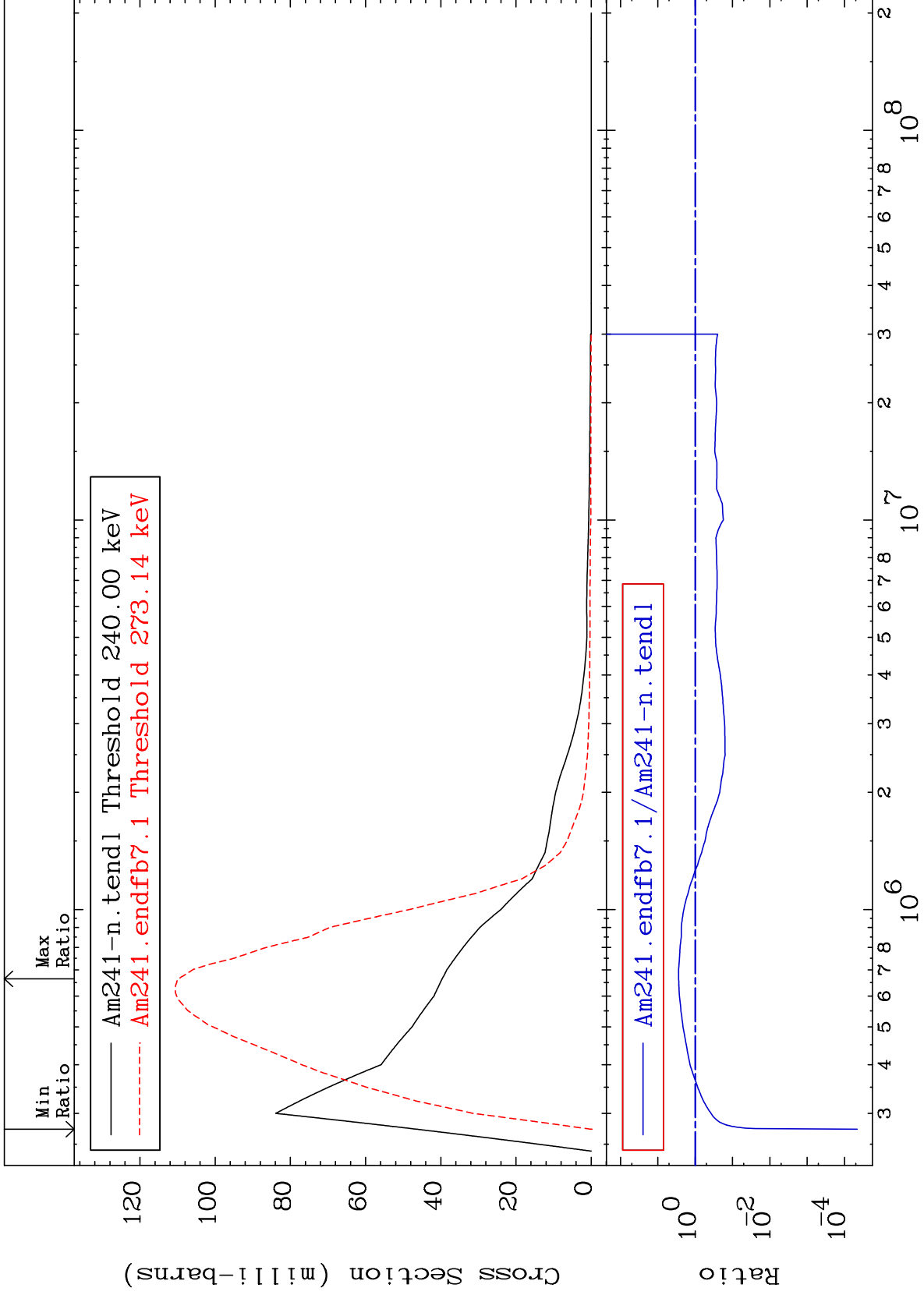
95-Am-241
-86.86 To 9999. %



MAT 9543

239.0 keV (n,n') Level
Cross Section

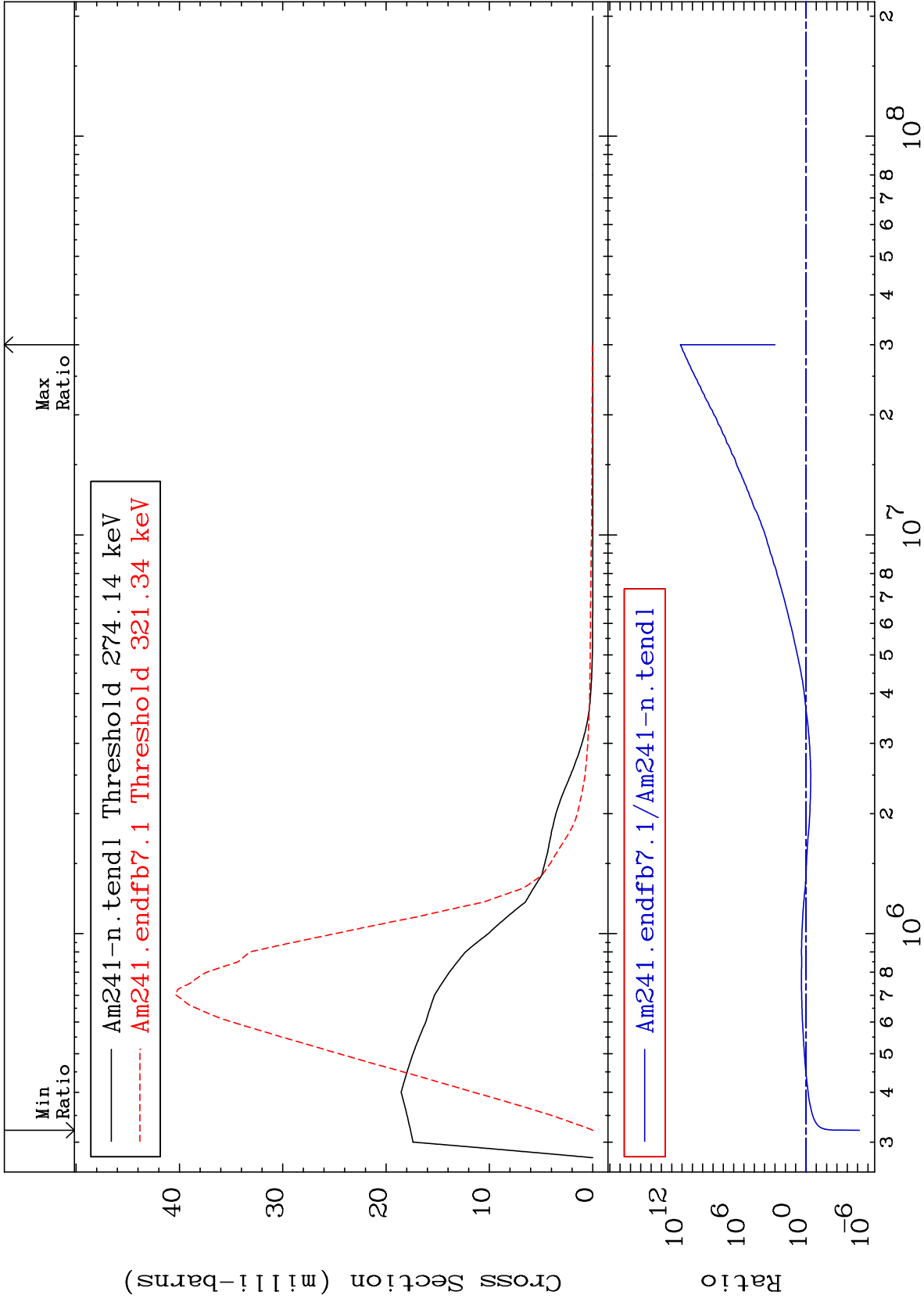
95-Am-241
-100.0 To 176.8 %



MAT 9543

273.0 keV (n,n') Level
Cross Section

95-Am-241
-100.0 To 9999. %



15

Incident Energy (eV)

95-Am-241

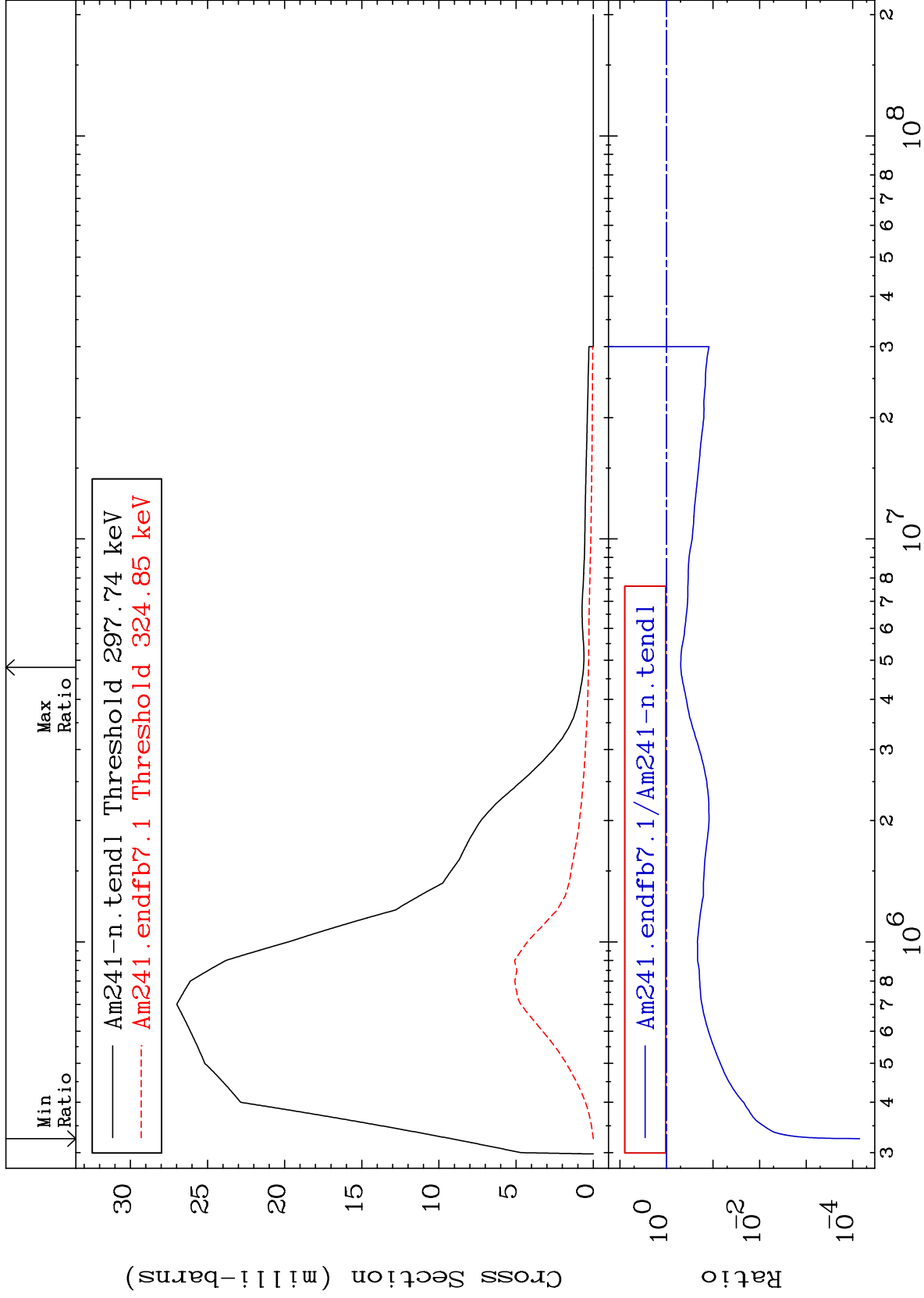
MAT 9543

296.5 keV (n,n') Level

95-Am-241

-99.99 To -50.56%

Cross Section



16

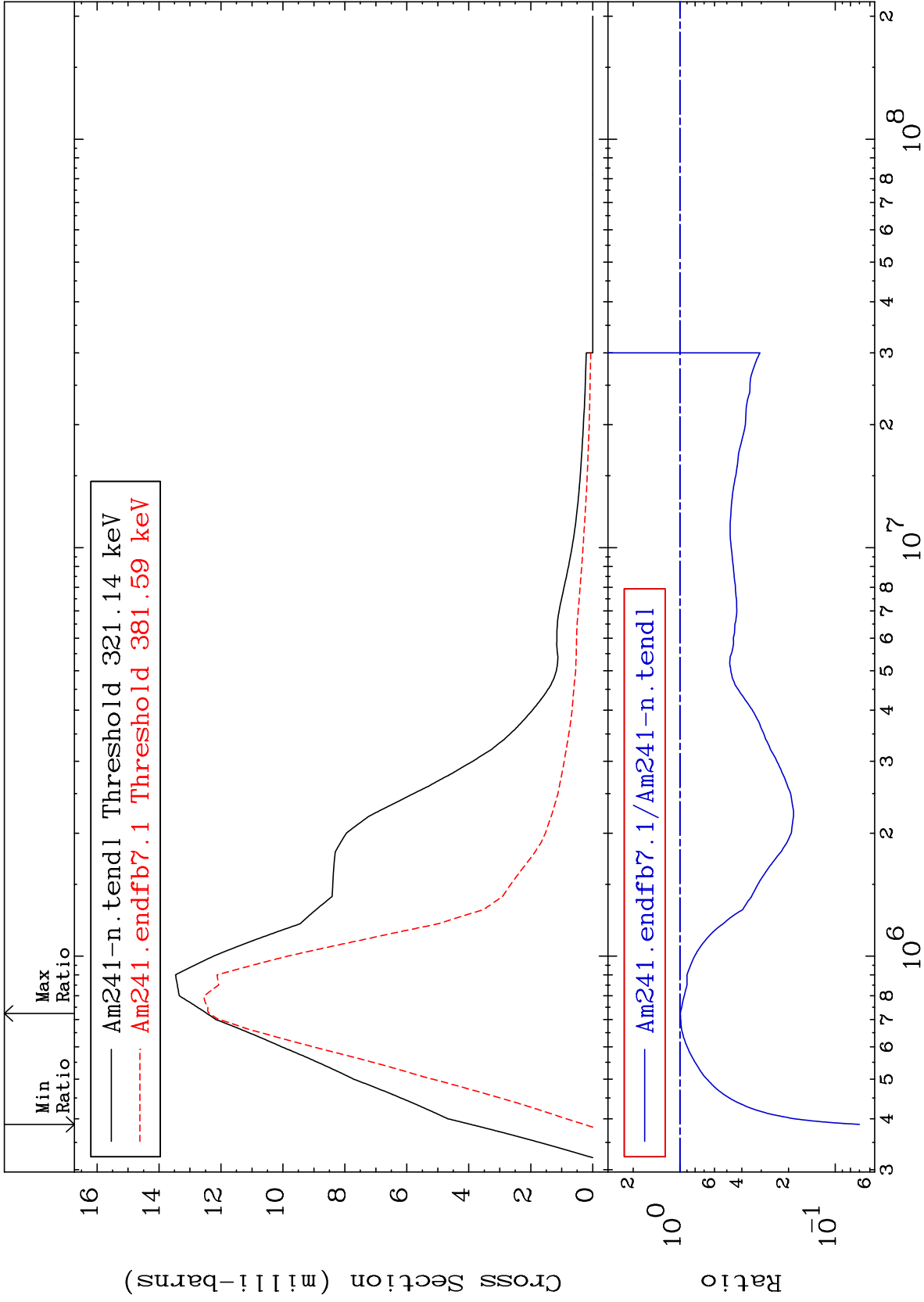
Incident Energy (eV)

95-Am-241

MAT 9543

319.8 keV (n,n') Level
Cross Section

95-Am-241
-93.01 To -0.570%



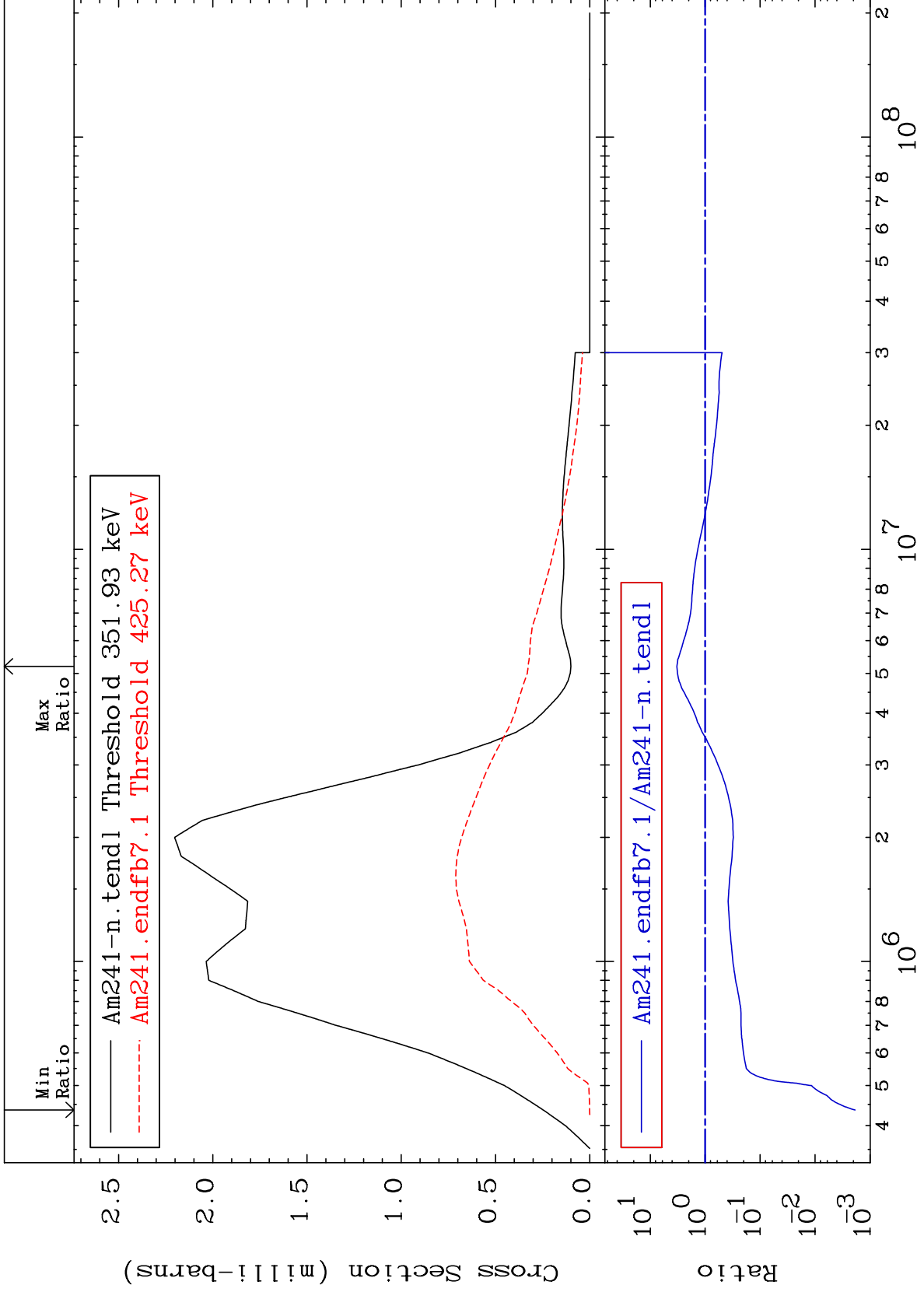
17

95-Am-241

MAT 9543

350.5 keV (n,n') Level
Cross Section

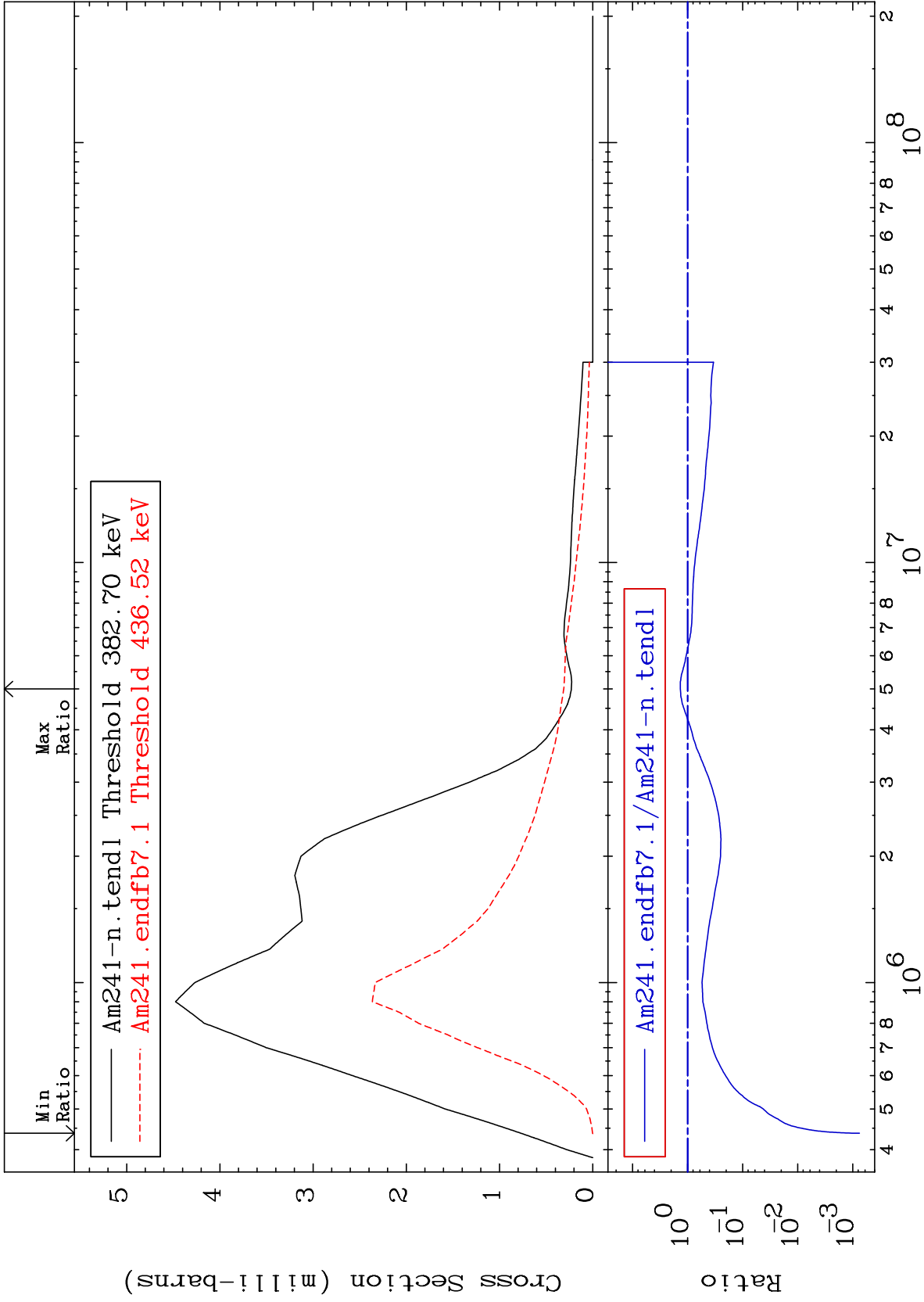
95-Am-241
-99.81 To 227.0 %



MAT 9543

381.1 keV (n,n') Level
Cross Section

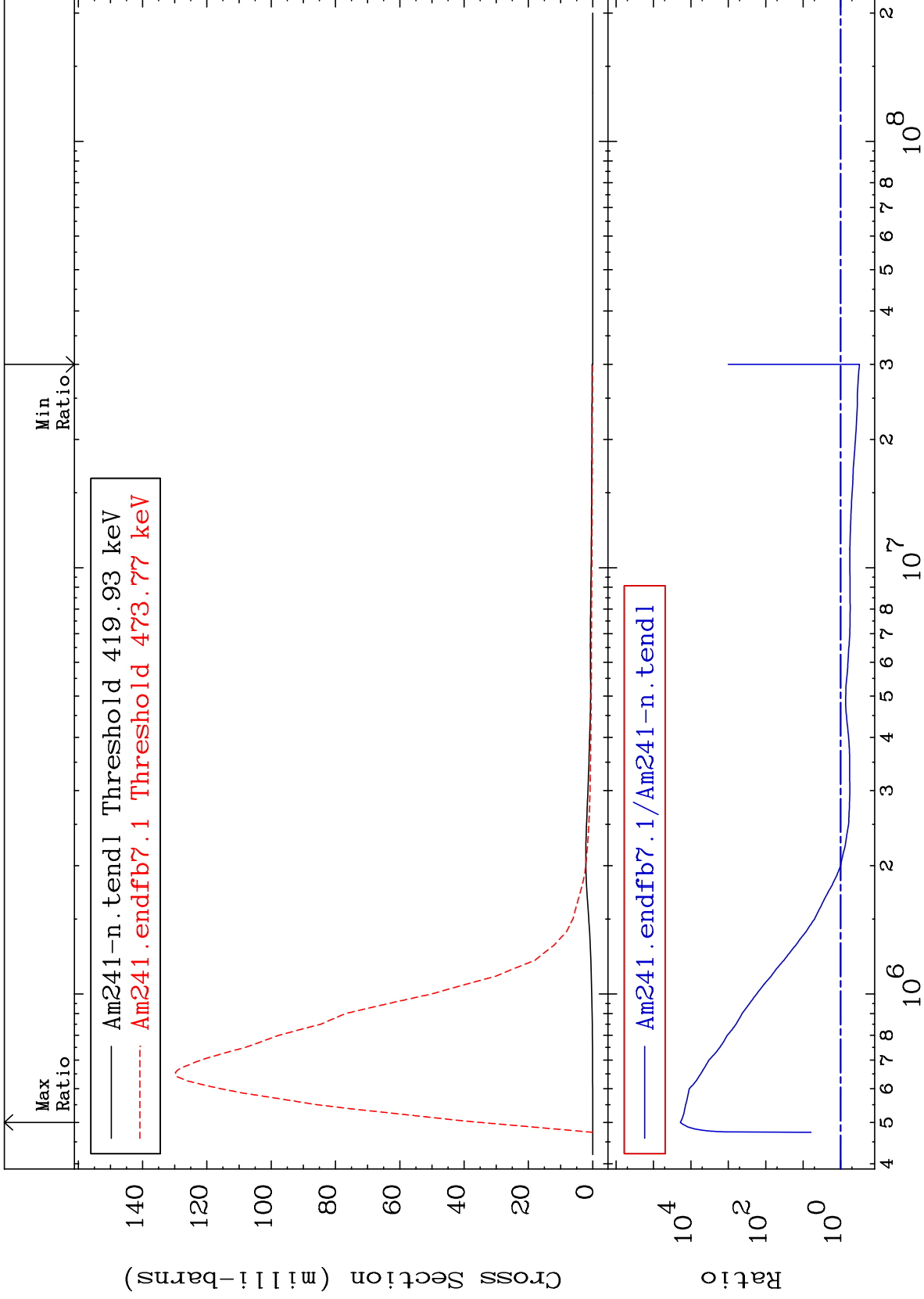
95-Am-241
-99.92 To 35.60 %



MAT 9543

418.2 keV (n,n') Level
Cross Section

95-Am-241
-68.54 To 9999. %



20

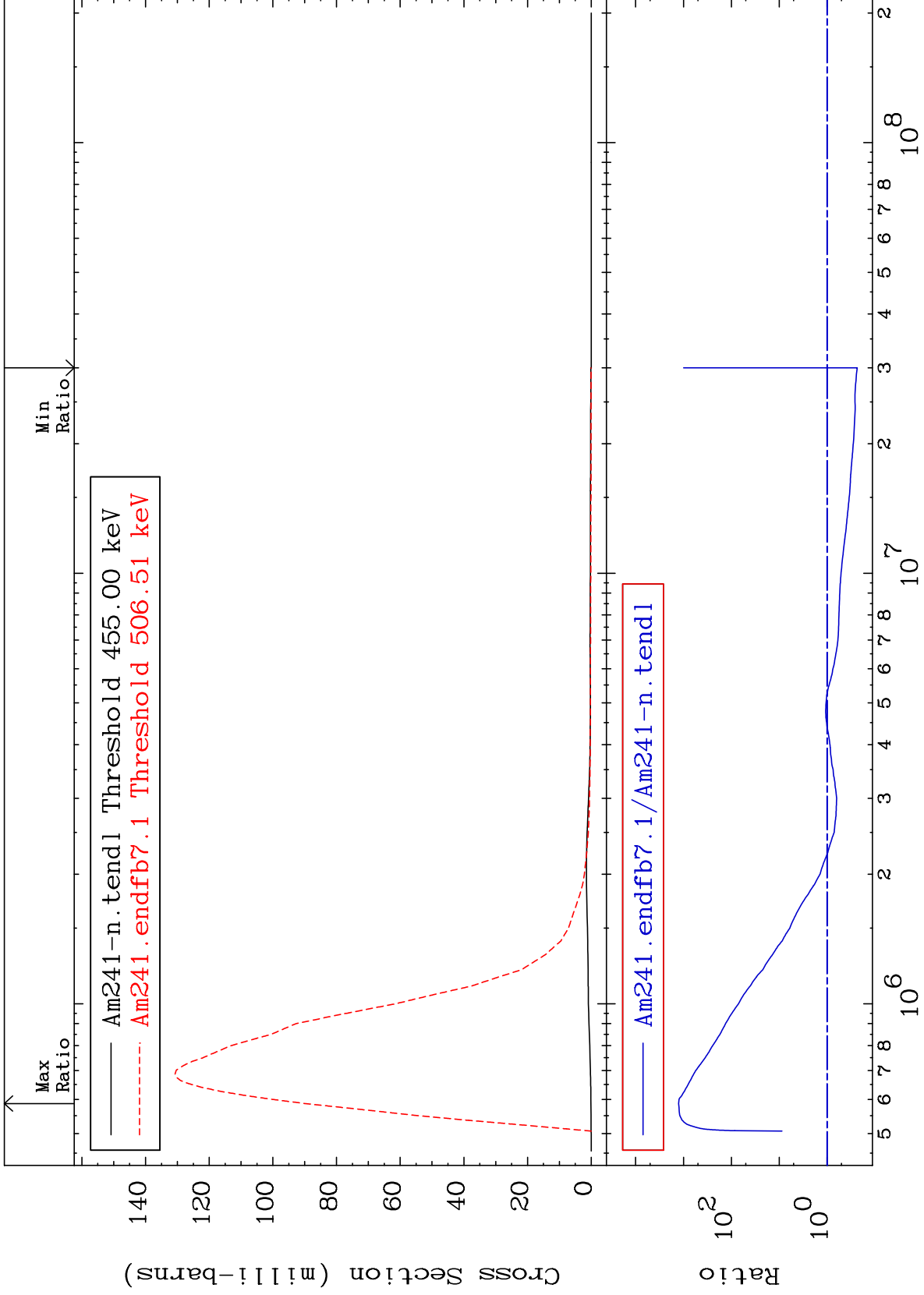
Incident Energy (eV)

95-Am-241

MAT 9543

453.1 keV (n,n') Level
Cross Section

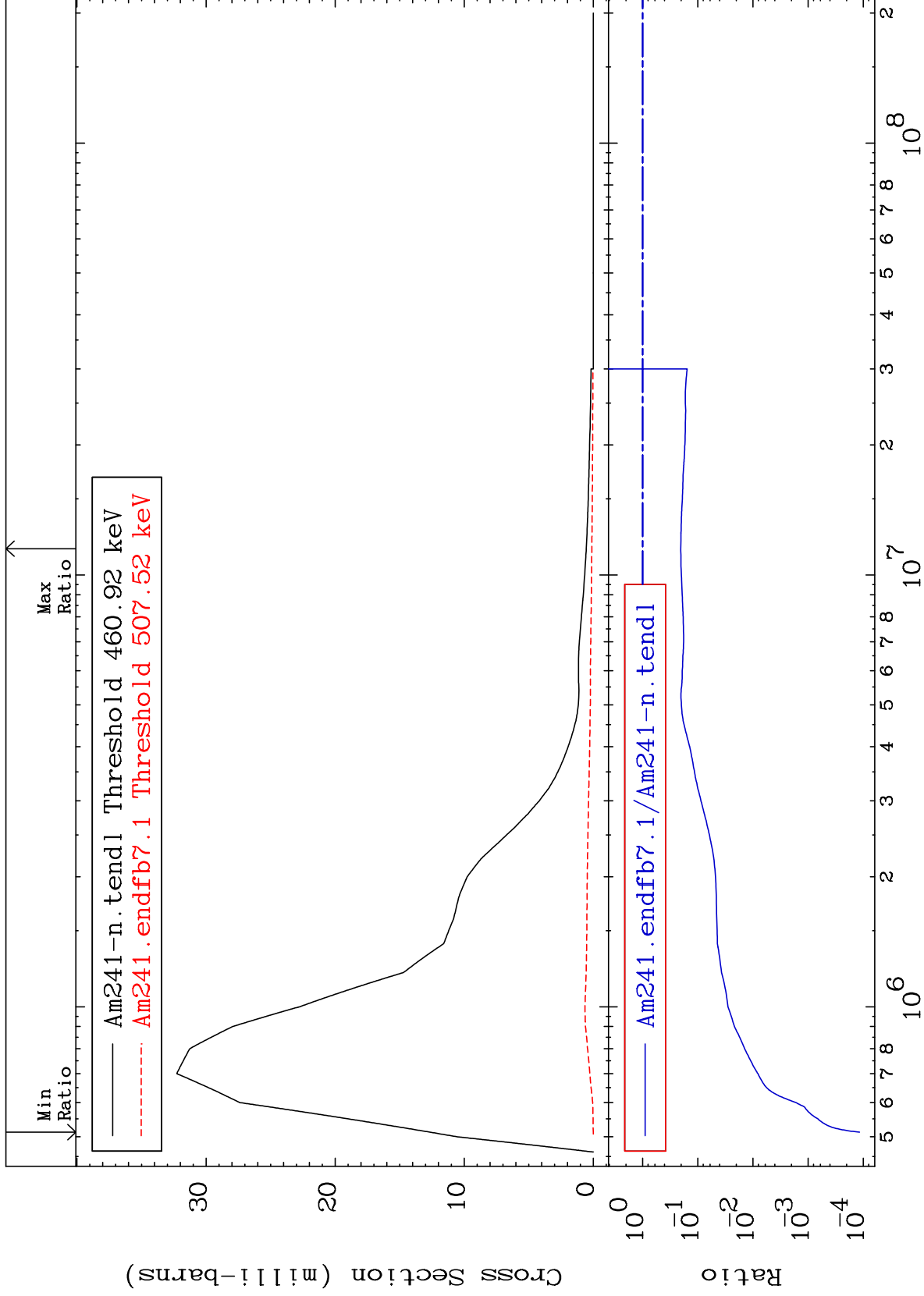
95-Am-241
-76.64 To 9999. %



MAT 9543

459.0 keV (n,n') Level
Cross Section

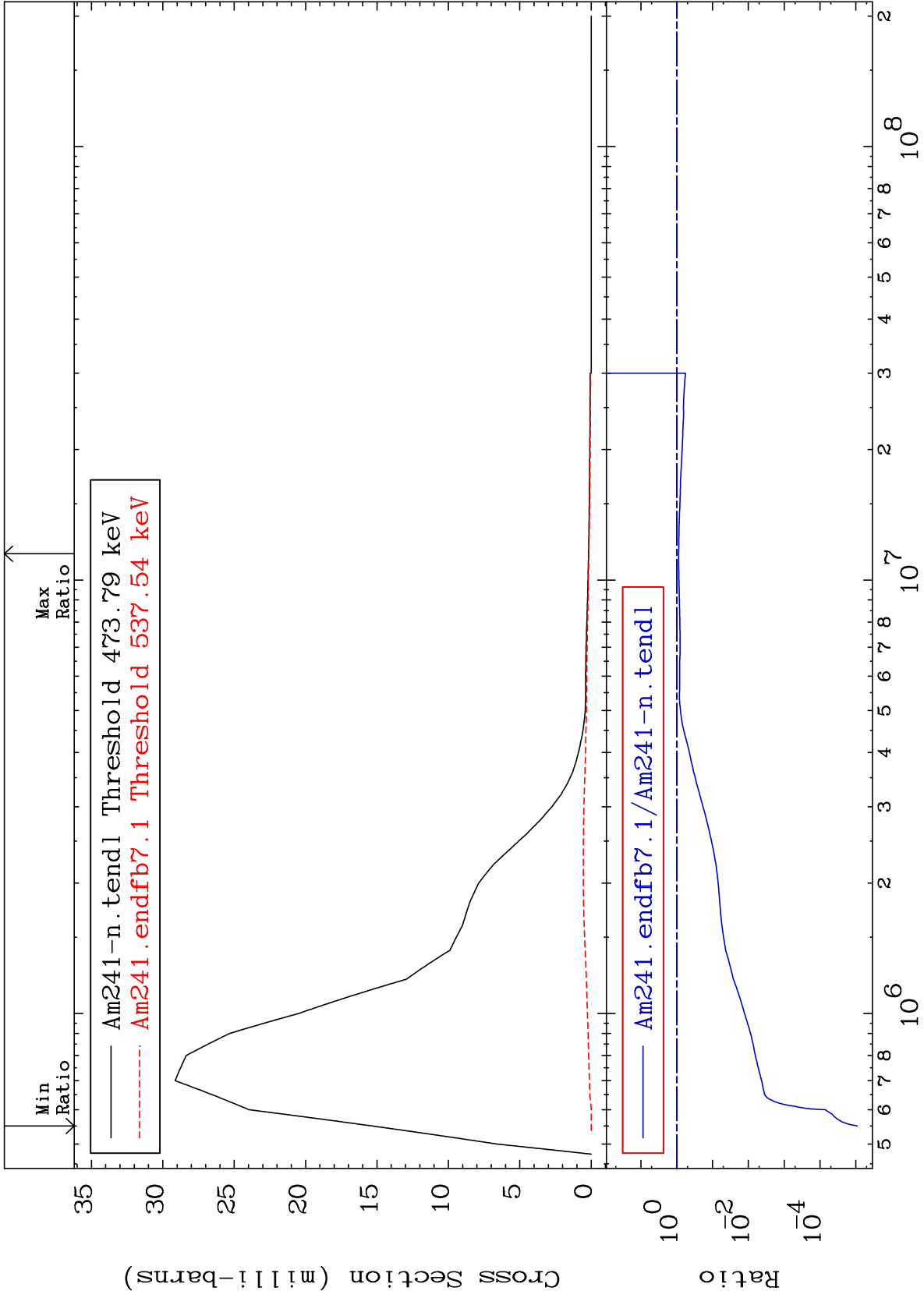
95-Am-241
-99.99 To -79.66%



MAT 9543

471.8 keV (n,n') Level
Cross Section

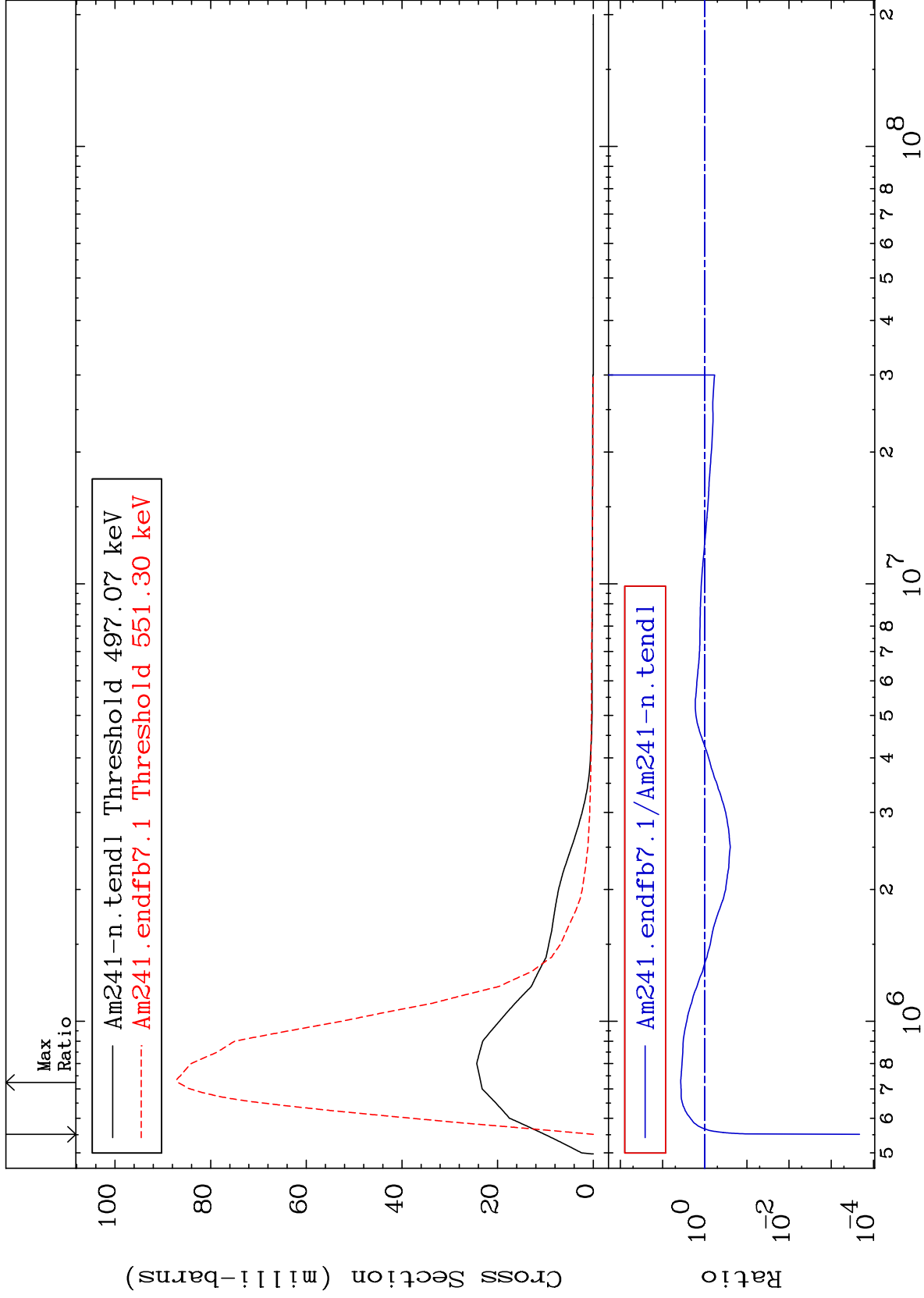
95-Am-241
-100.0 To -11.73%



MAT 9543

495.0 keV (n,n') Level
Cross Section

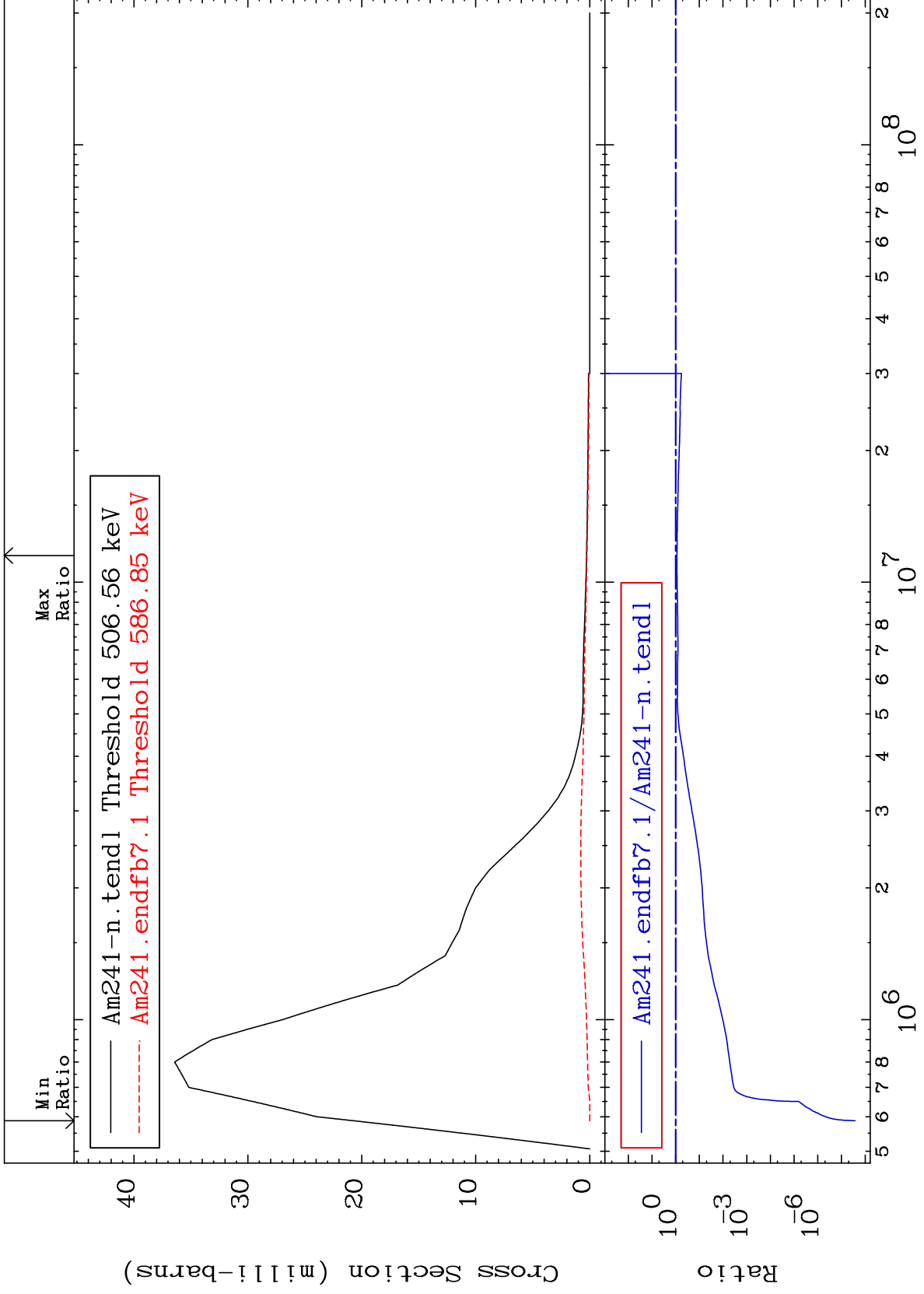
95-Am-241
-99.98 To 269.4 %



MAT 9543

504.5 keV (n,n') Level
Cross Section

95-Am-241
-100.0 To -11.56%



25

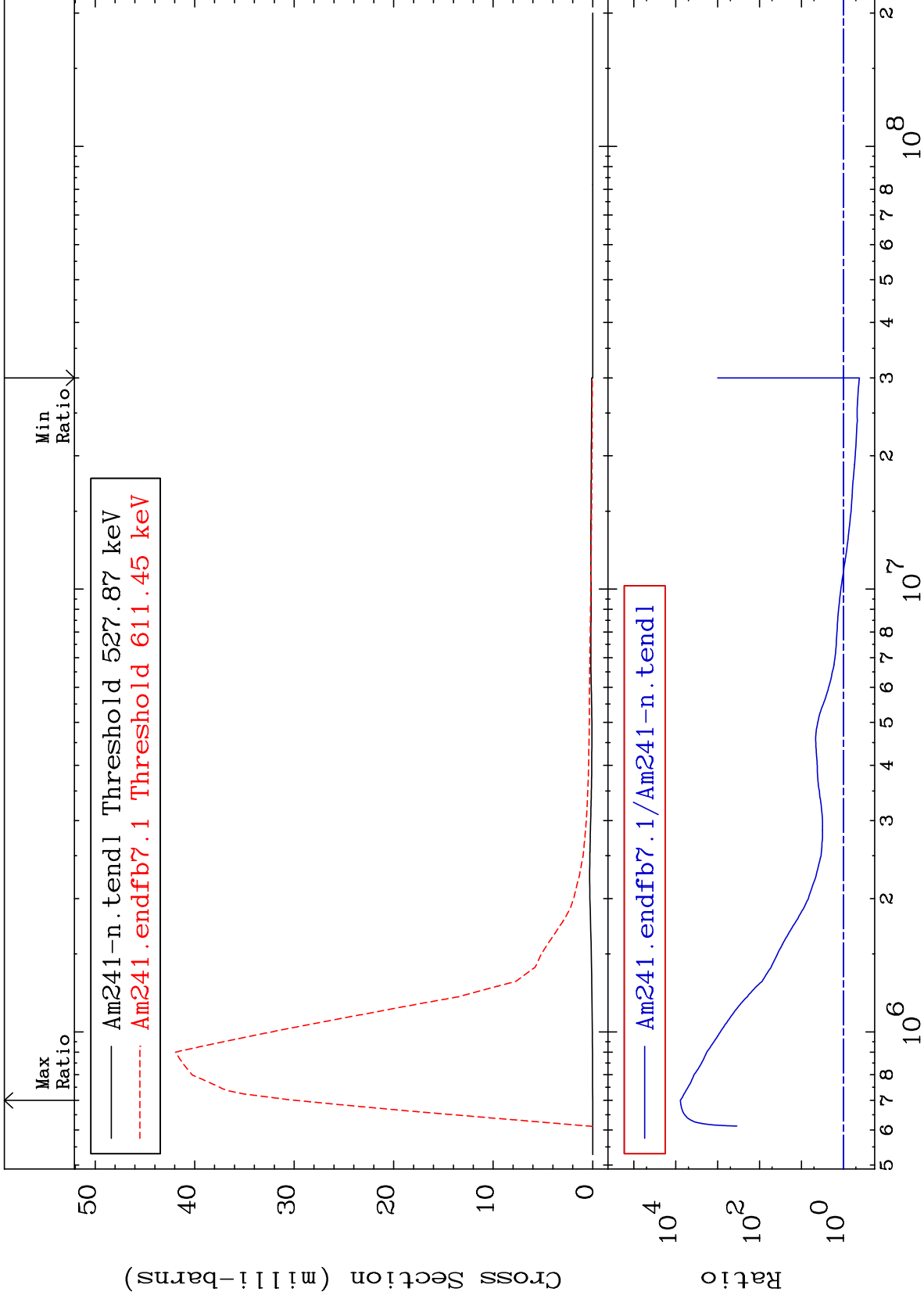
Incident Energy (eV)

95-Am-241

MAT 9543

525.7 keV (n,n') Level
Cross Section

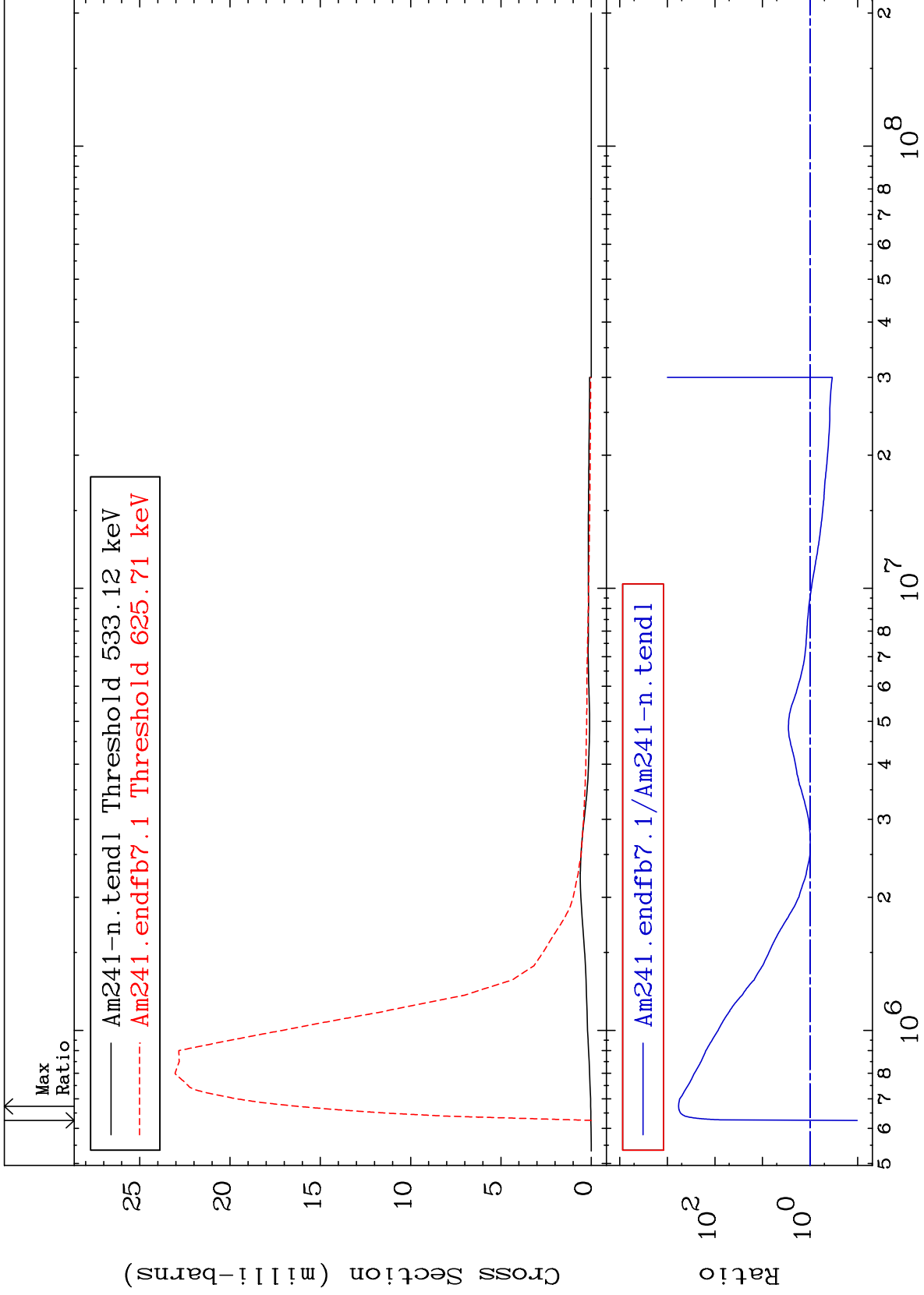
95-Am-241
-58.84 To 9999. %



MAT 9543

530.9 keV (n,n') Level
Cross Section

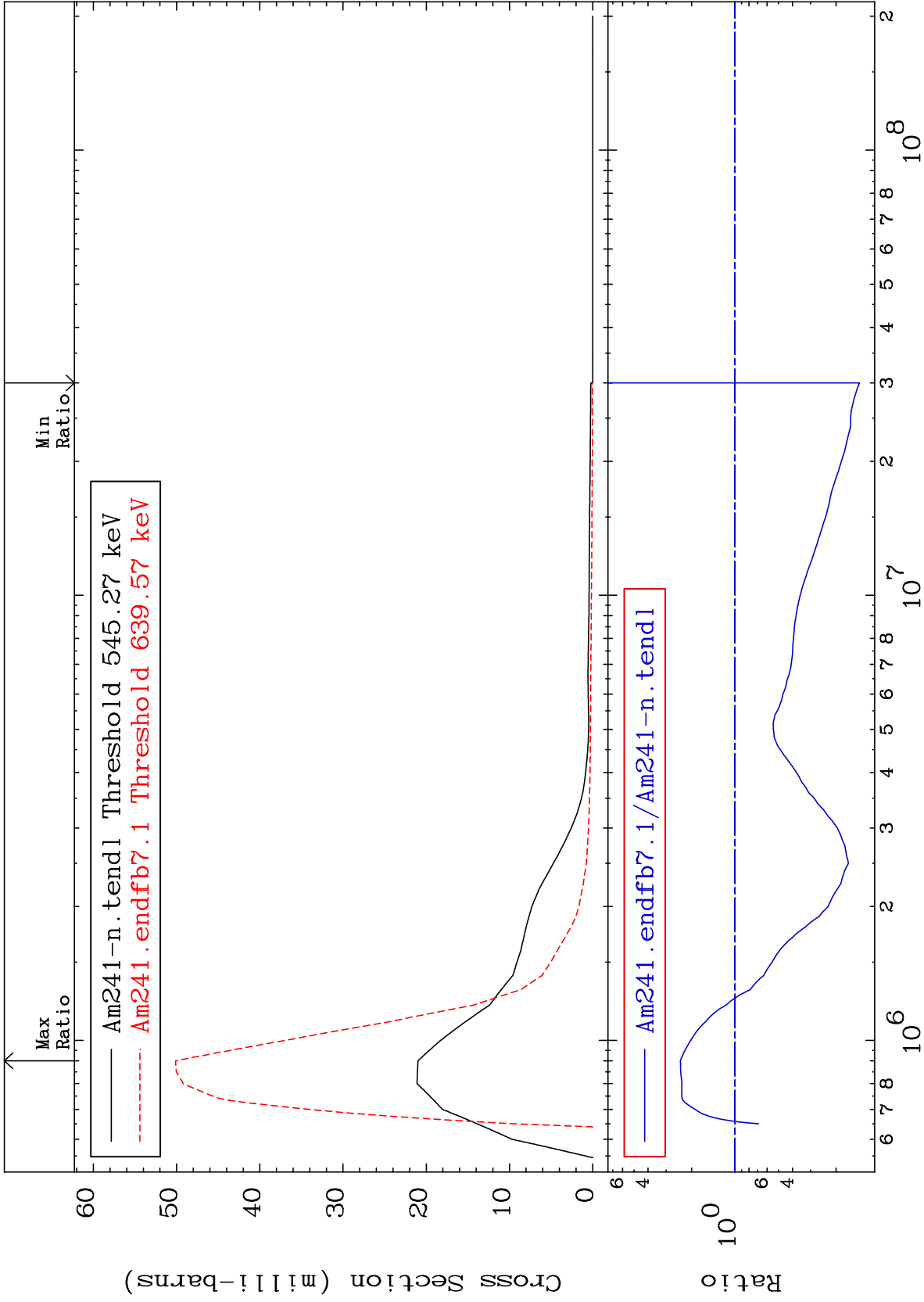
95-Am-241
-89.82 To 9999. %



MAT 9543

543.0 keV (n,n') Level
Cross Section

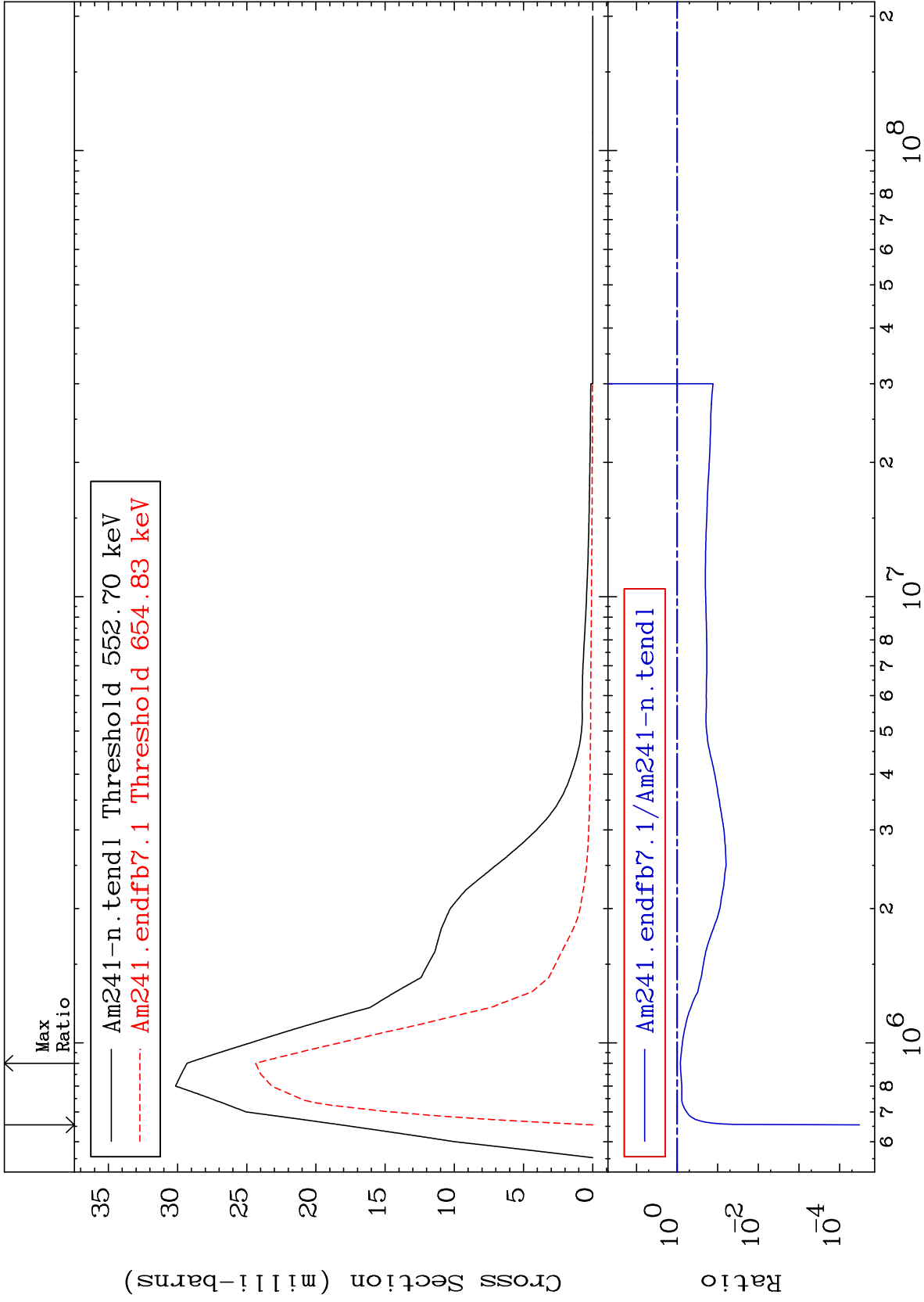
95-Am-241
-86.23 To 138.8 %



MAT 9543

550.4 keV (n,n') Level
Cross Section

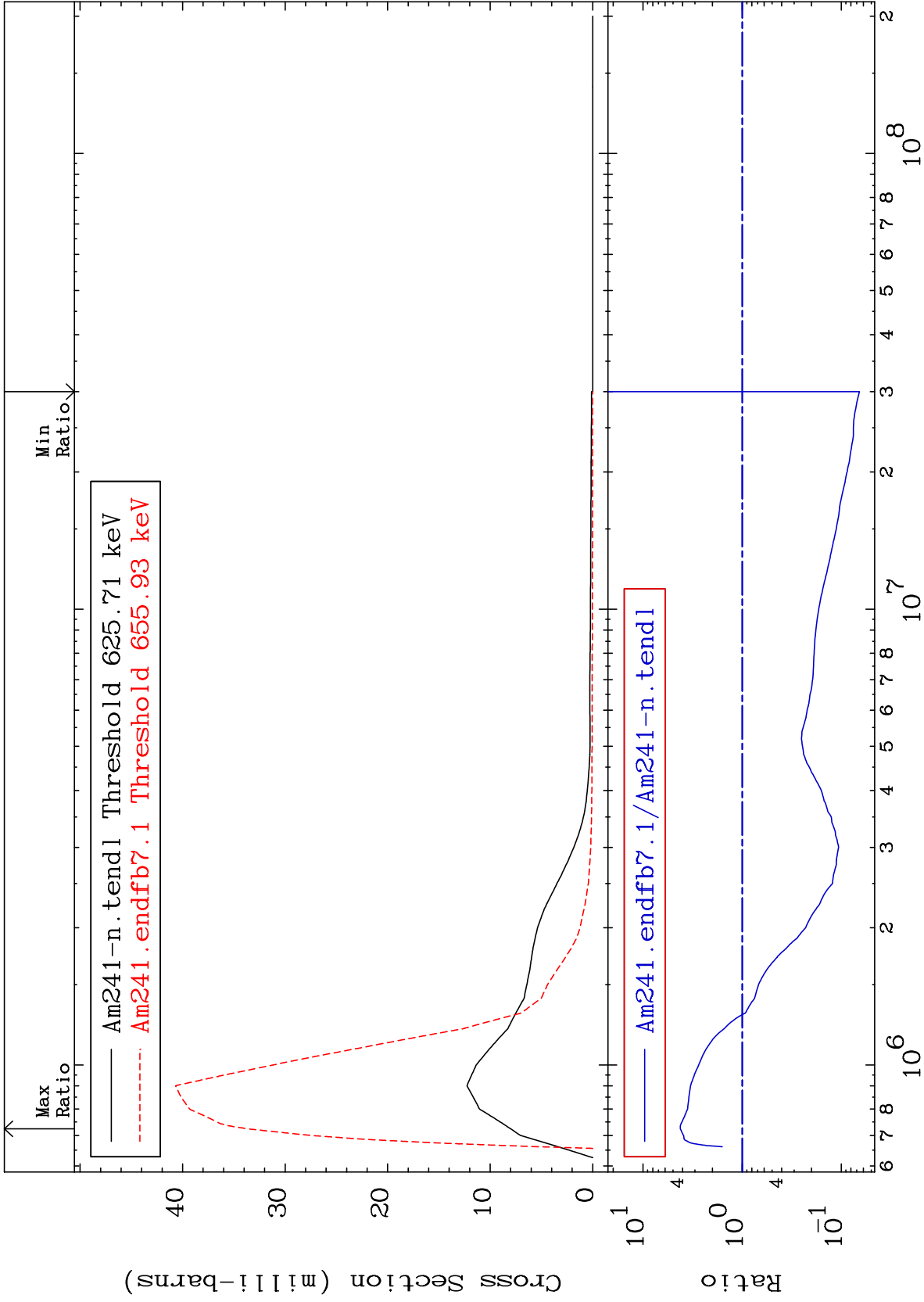
95-Am-241
-100.0 To -16.88%



MAT 9543

623.1 keV (n,n') Level
Cross Section

95-Am-241
-93.43 To 320.7 %



30

Incident Energy (eV)

95-Am-241

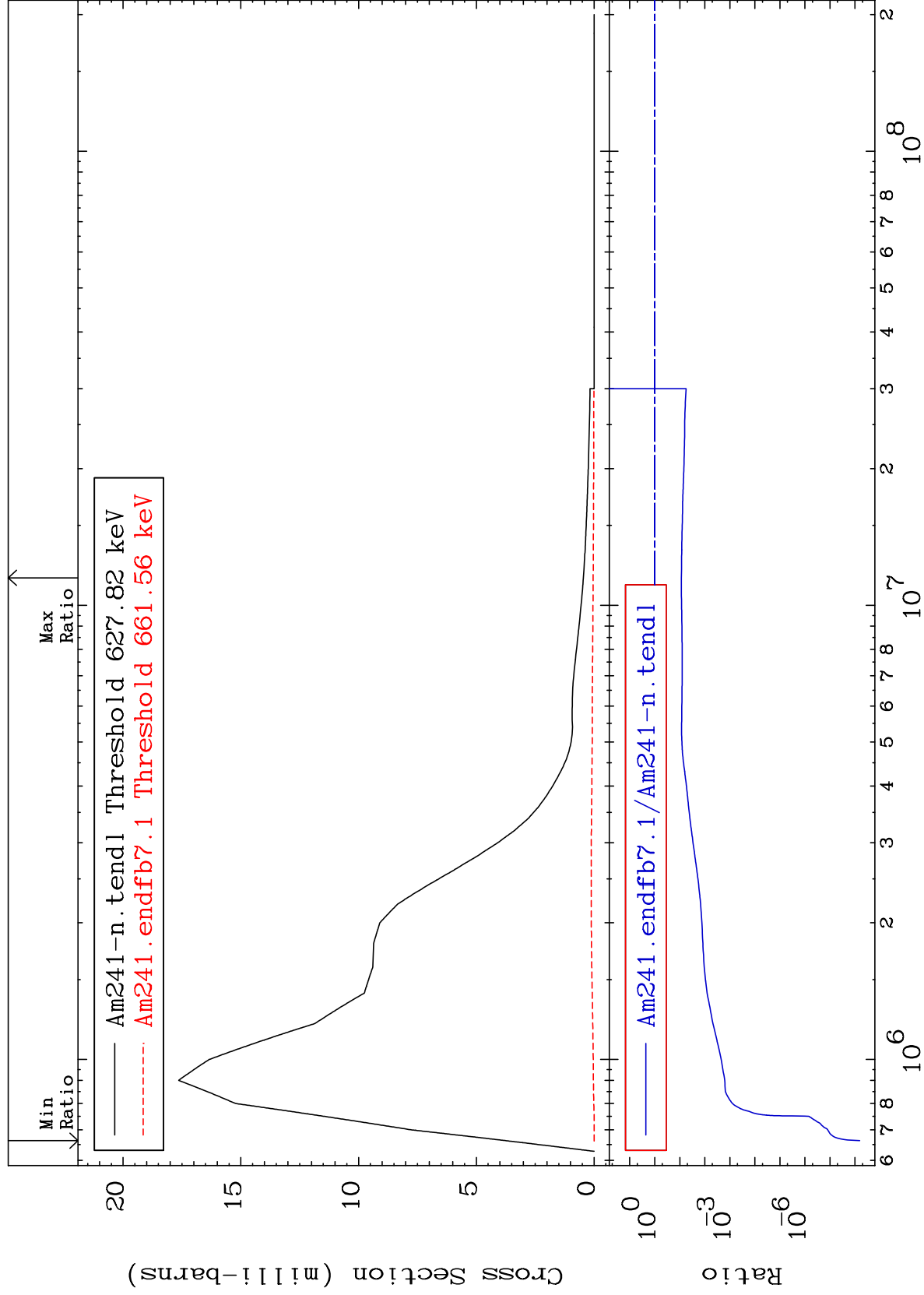
MAT 9543

625.2 keV (n,n') Level

95-Am-241

-100.0 To -91.36%

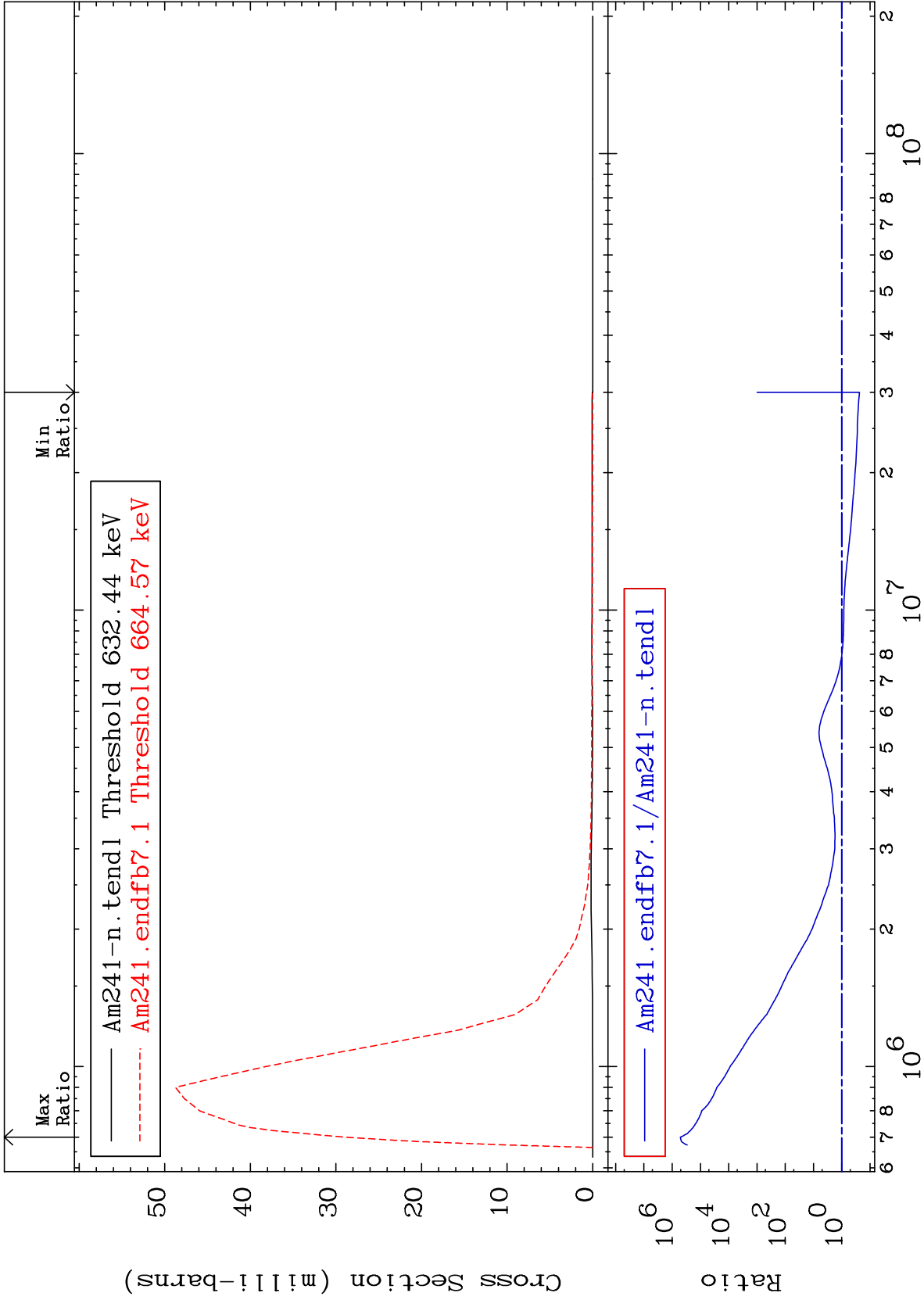
Cross Section



MAT 9543

629.8 keV (n,n') Level
Cross Section

95-Am-241
-76.27 To 9999. %



32

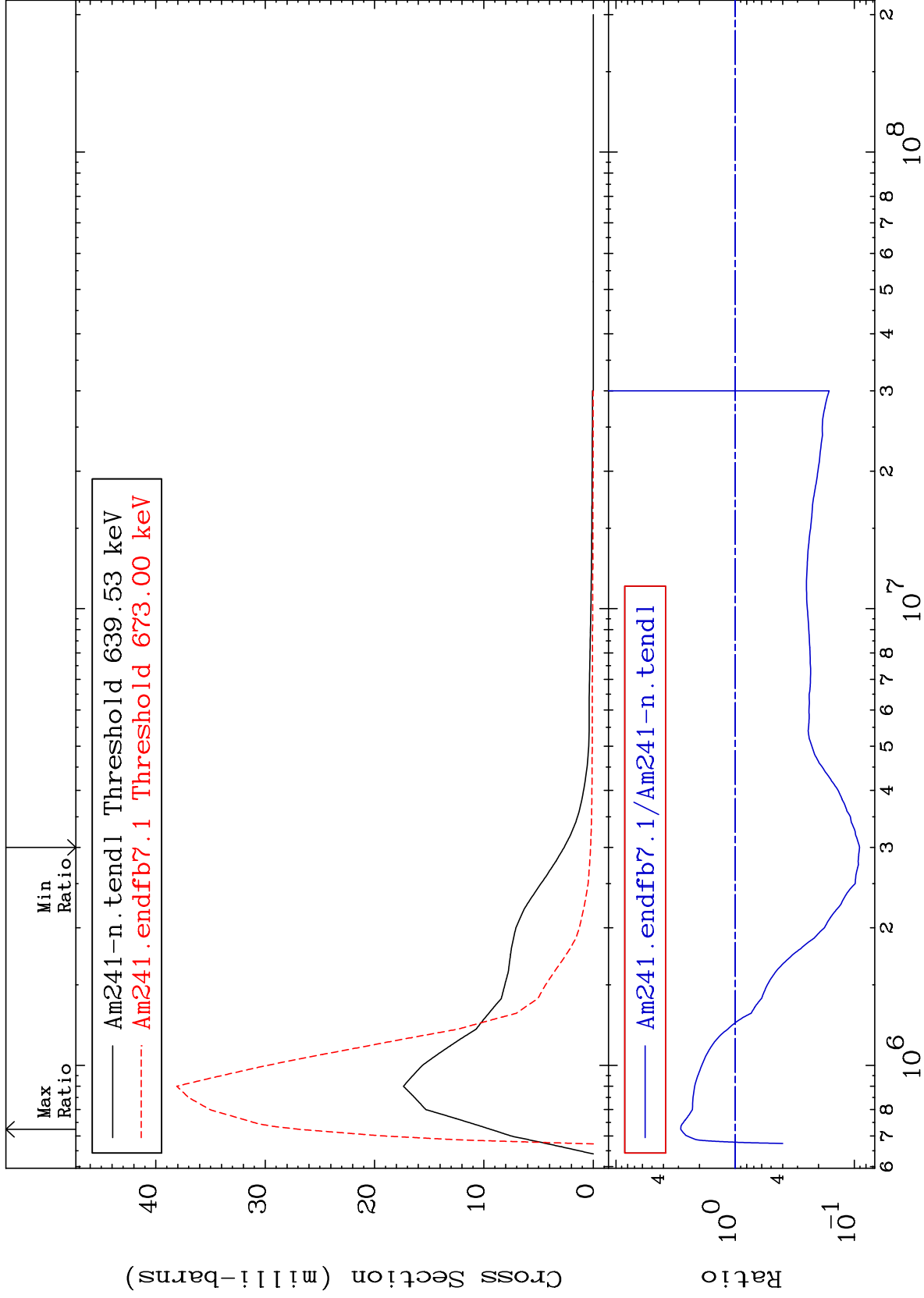
Incident Energy (eV)

95-Am-241

MAT 9543

636.9 keV (n,n') Level
Cross Section

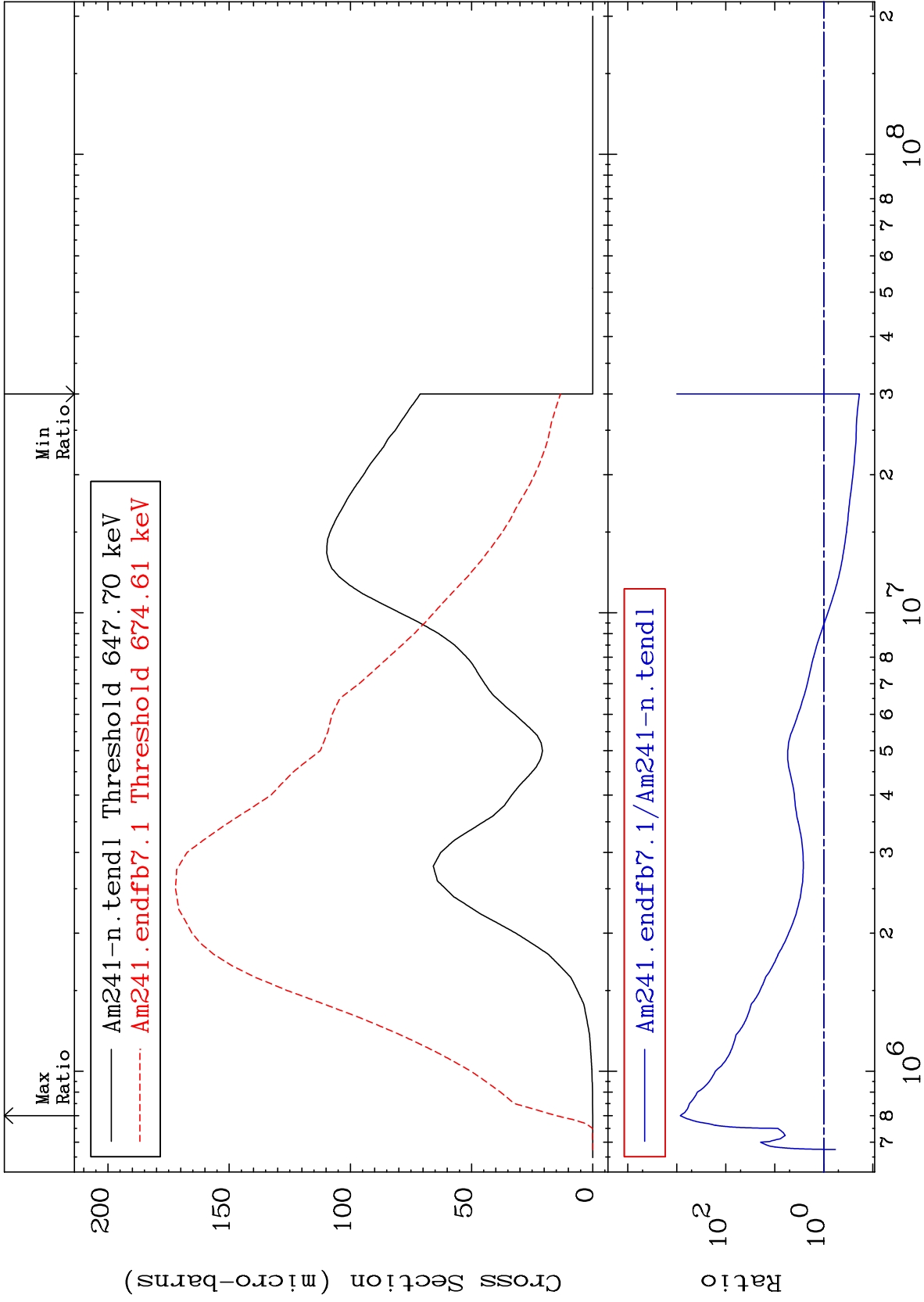
95-Am-241
-90.94 To 186.5 %



MAT 9543

645.0 keV (n,n') Level
Cross Section

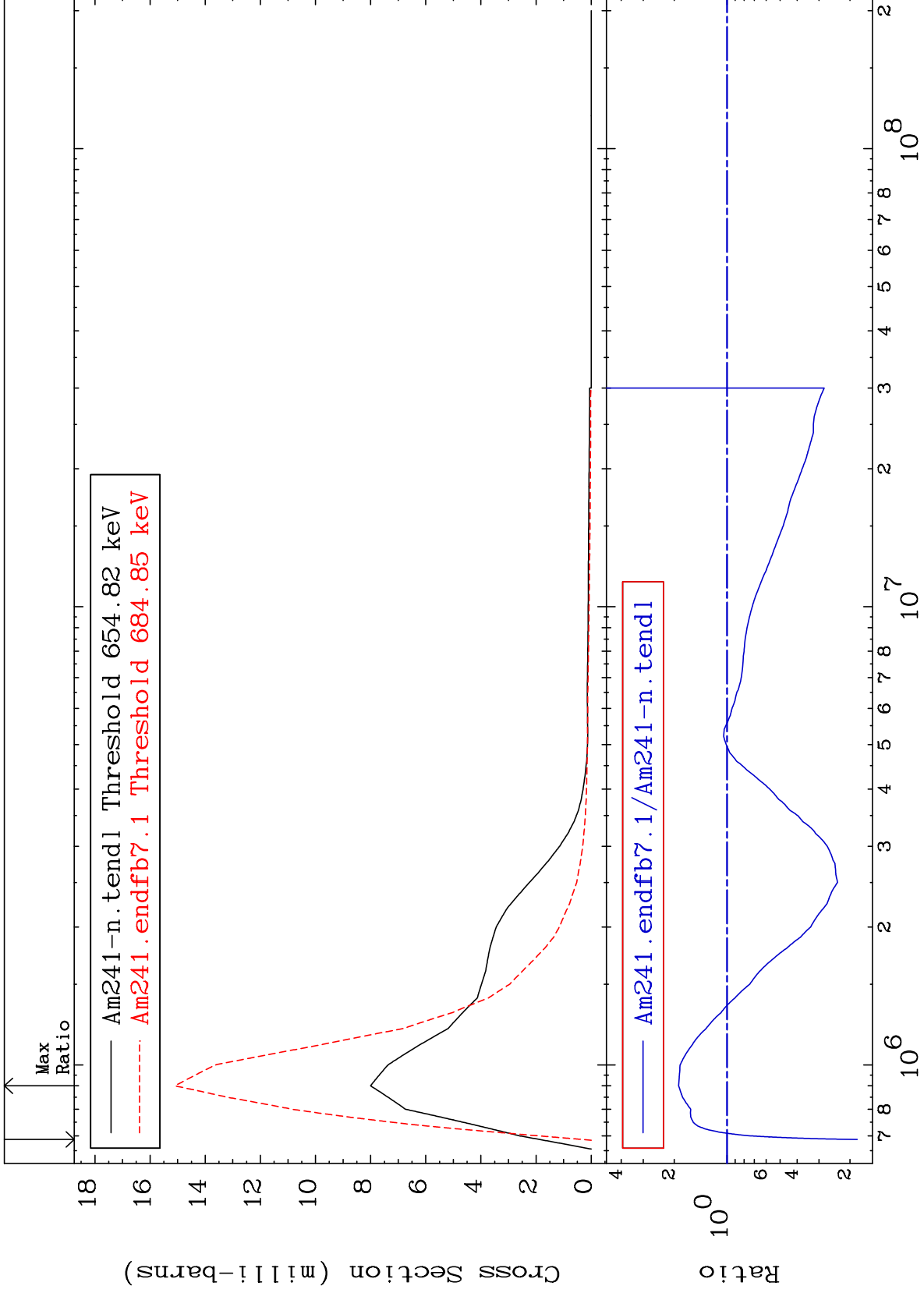
95-Am-241
-81.35 To 9999. %



MAT 9543

652.1 keV (n,n') Level
Cross Section

95-Am-241
-81.82 To 88.56 %



35

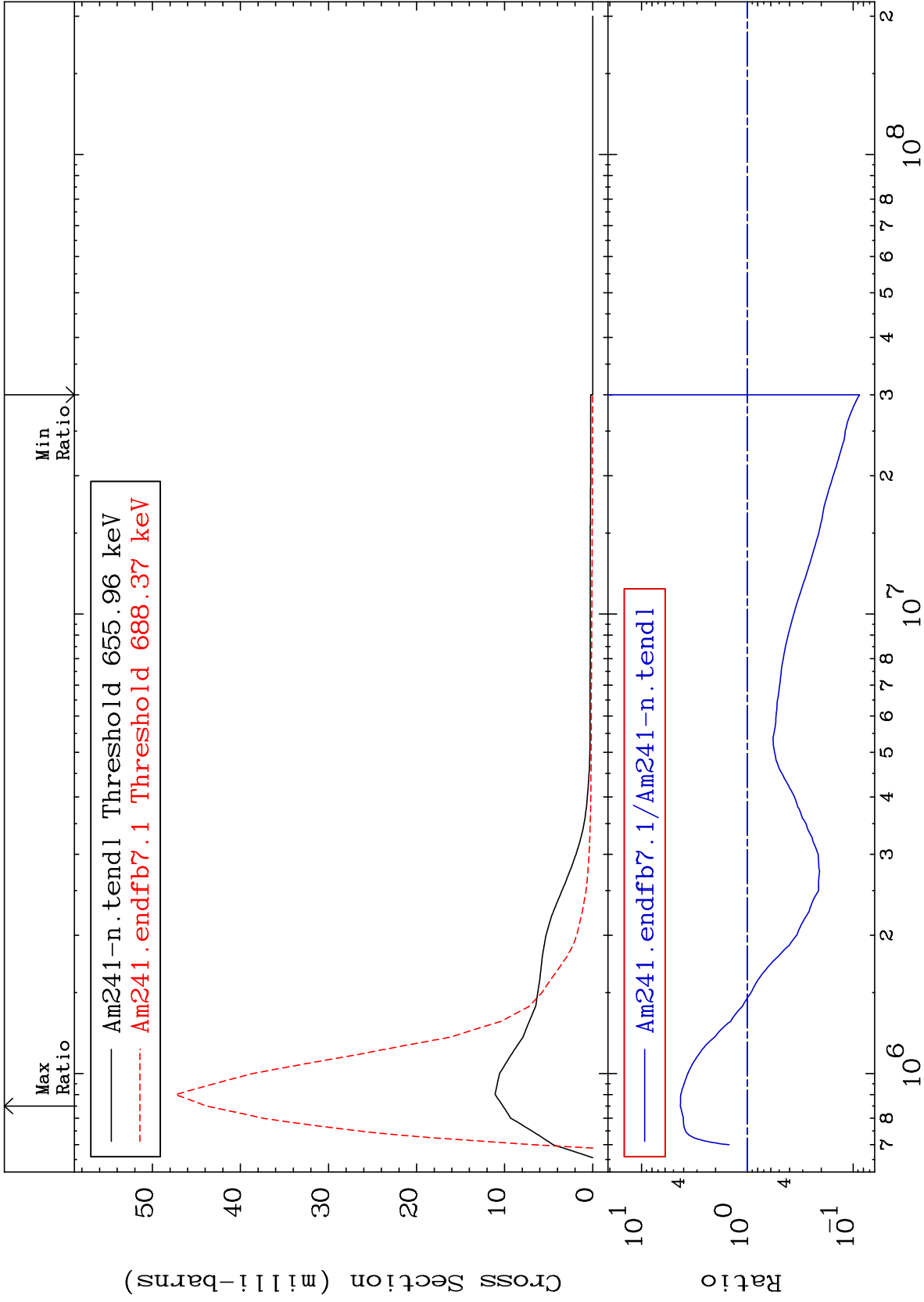
Incident Energy (eV)

95-Am-241

MAT 9543

653.2 keV (n,n') Level
Cross Section

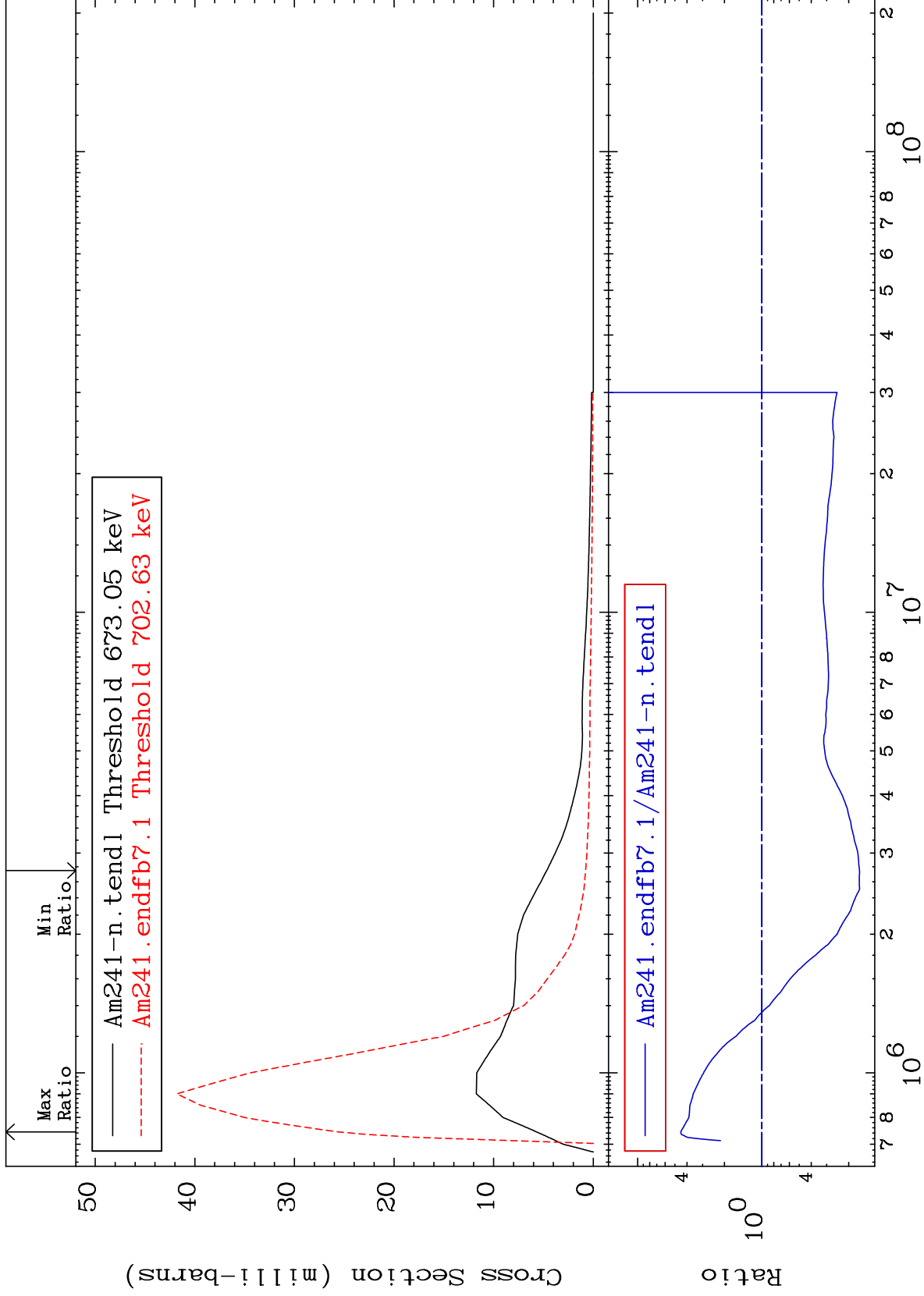
95-Am-241
-91.27 To 330.2 %



MAT 9543

670.2 keV (n,n') Level
Cross Section

95-Am-241
-83.67 To 349.1 %



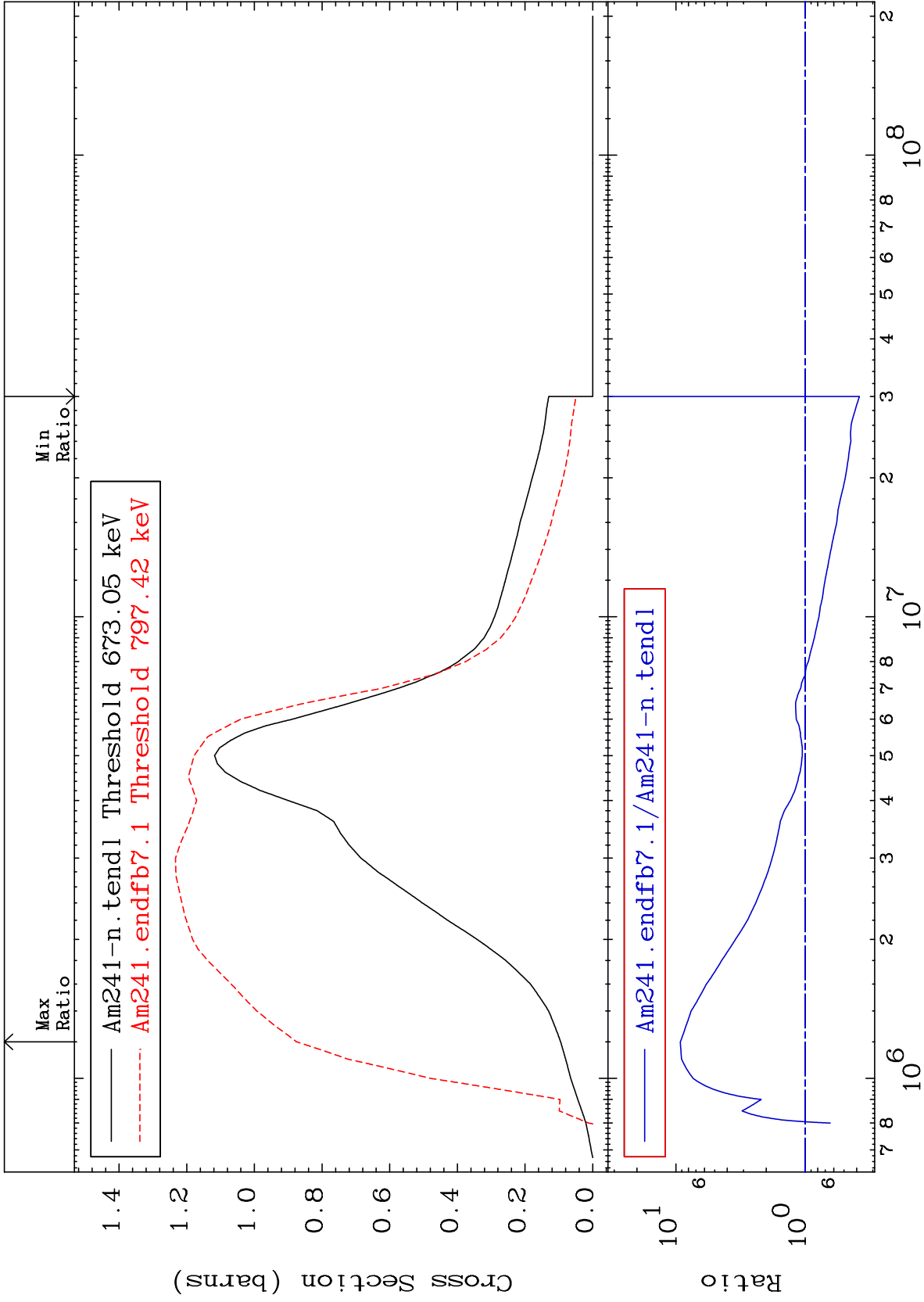
37

95-Am-241

MAT 9543

(n, n') Continuum
Cross Section

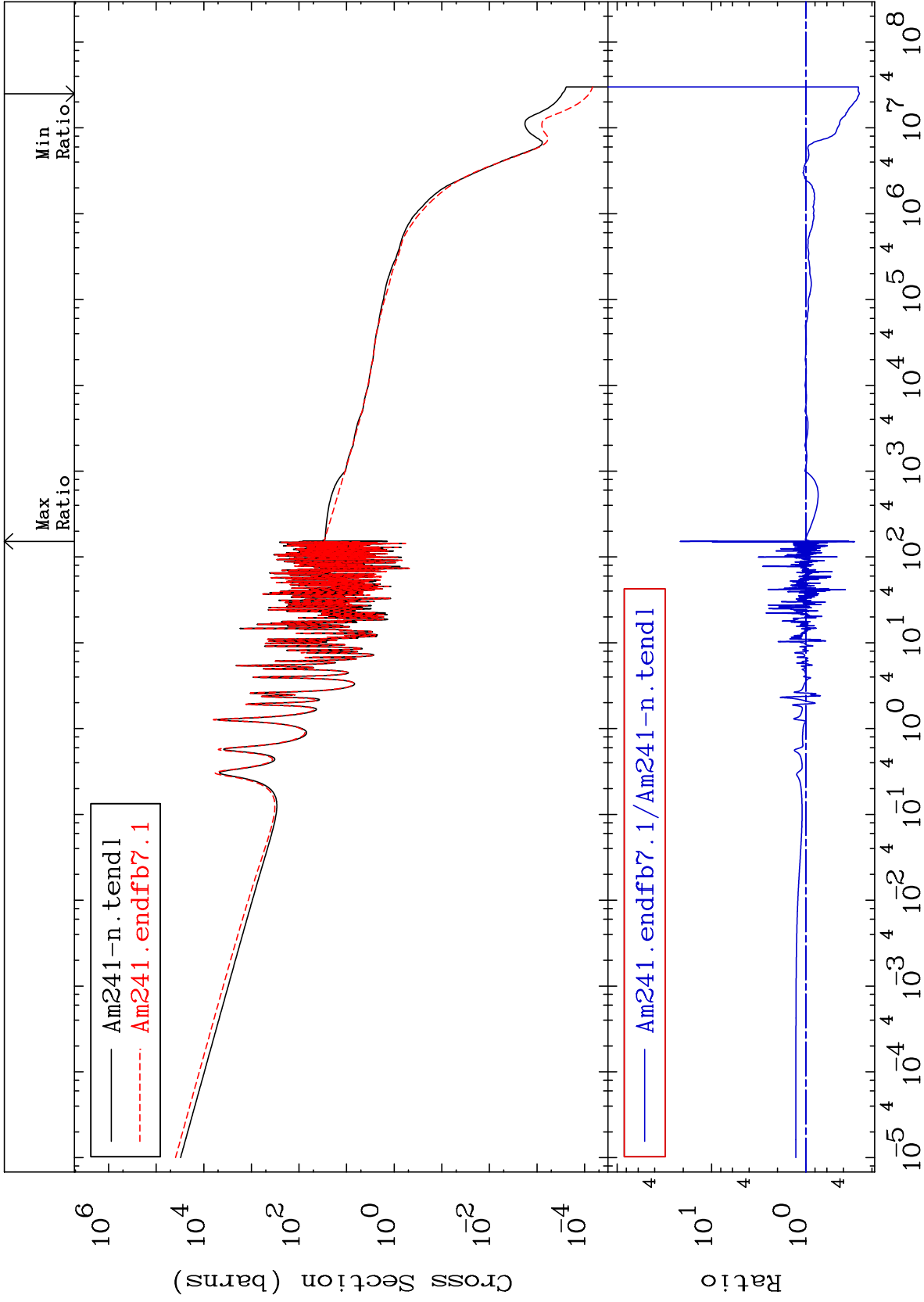
95-Am-241
-61.96 To 823.2 %



MAT 9543

(n, γ)
Cross Section

95-Am-241
-72.91 To 2041. %



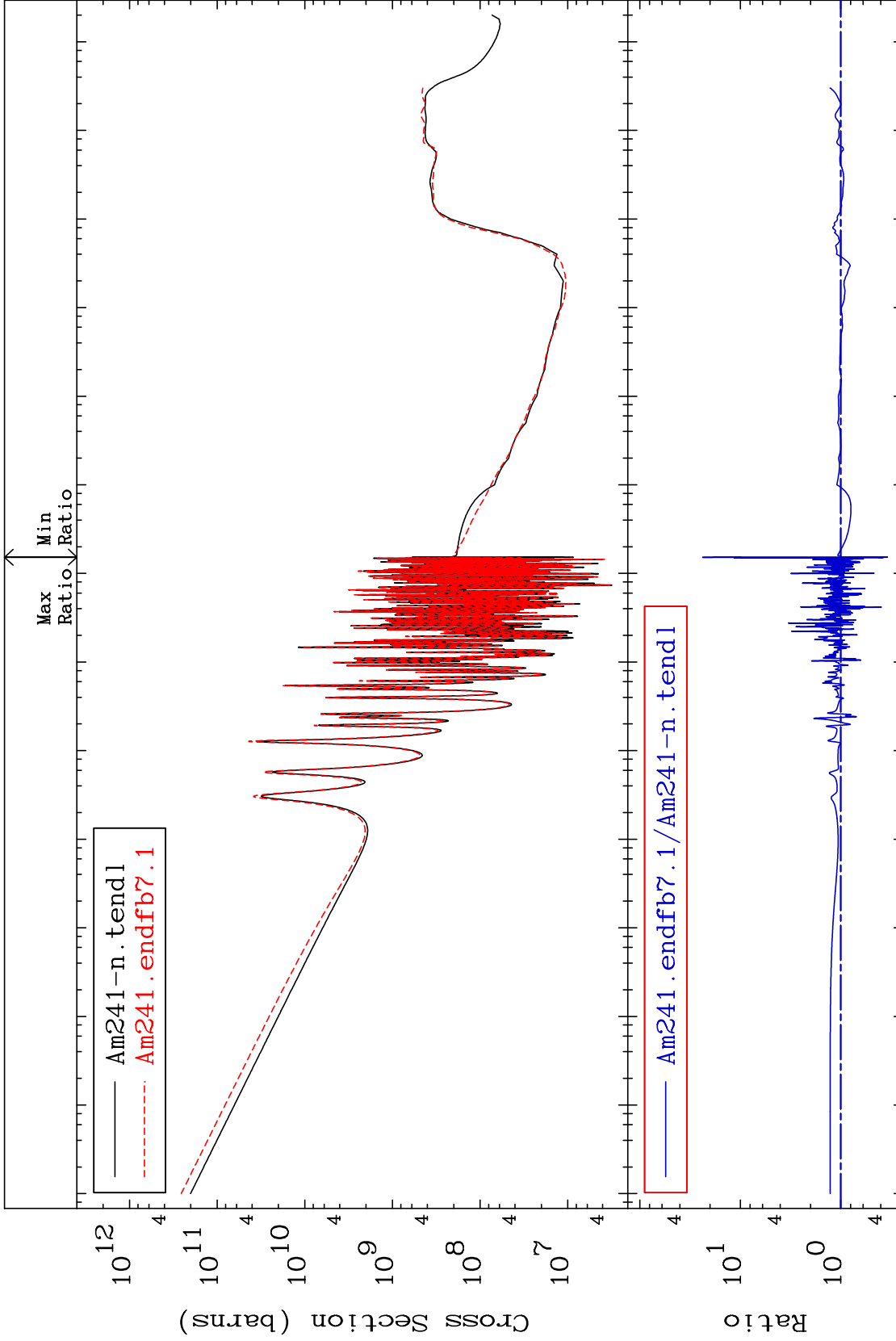
MAT 9543

Kerma total (eV-barns)

95-Am-241

-65.68 To 2276. %

Cross Section



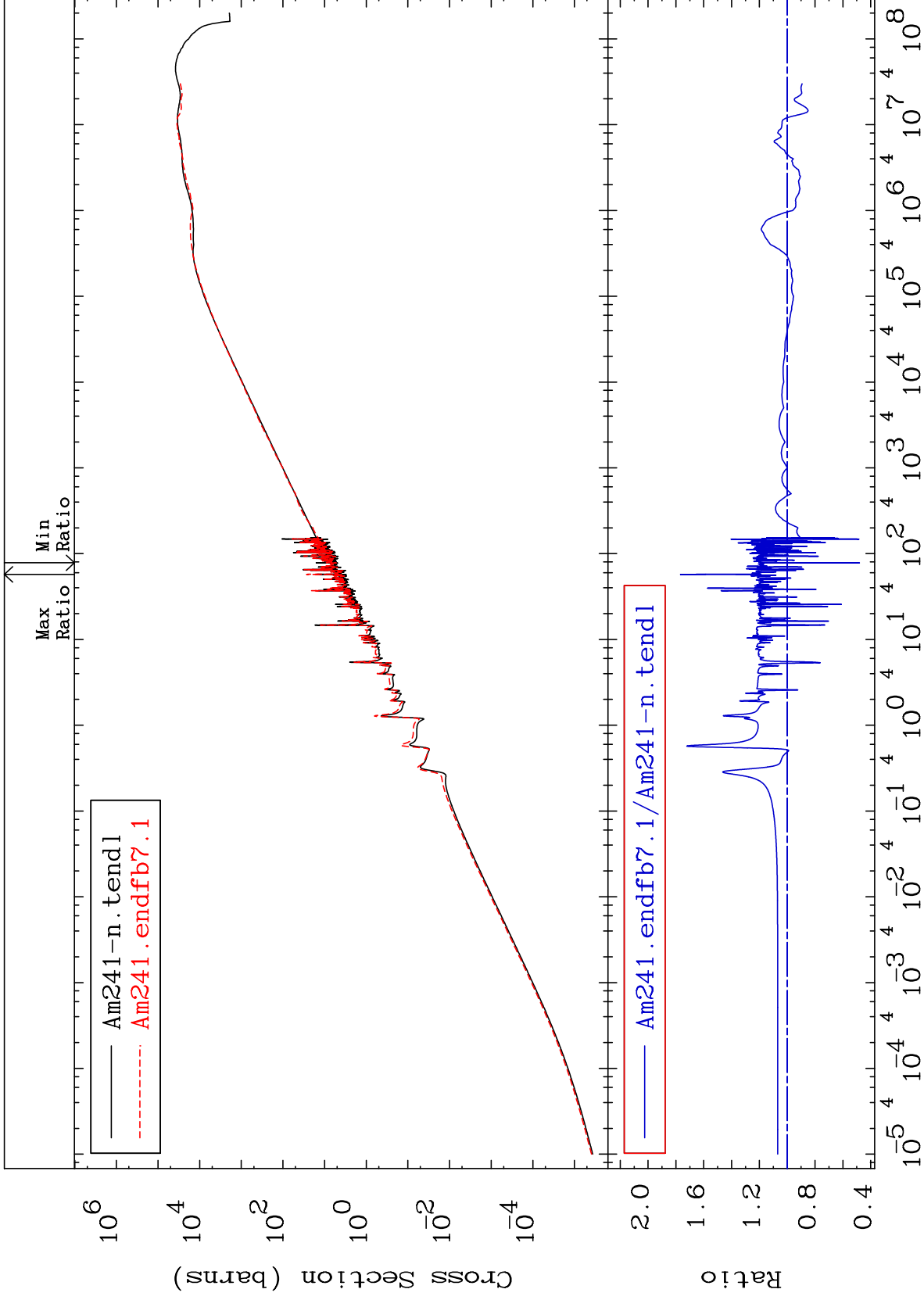
Incident Energy (eV)

95-Am-241

MAT 9543

Kerma elastic
Cross Section

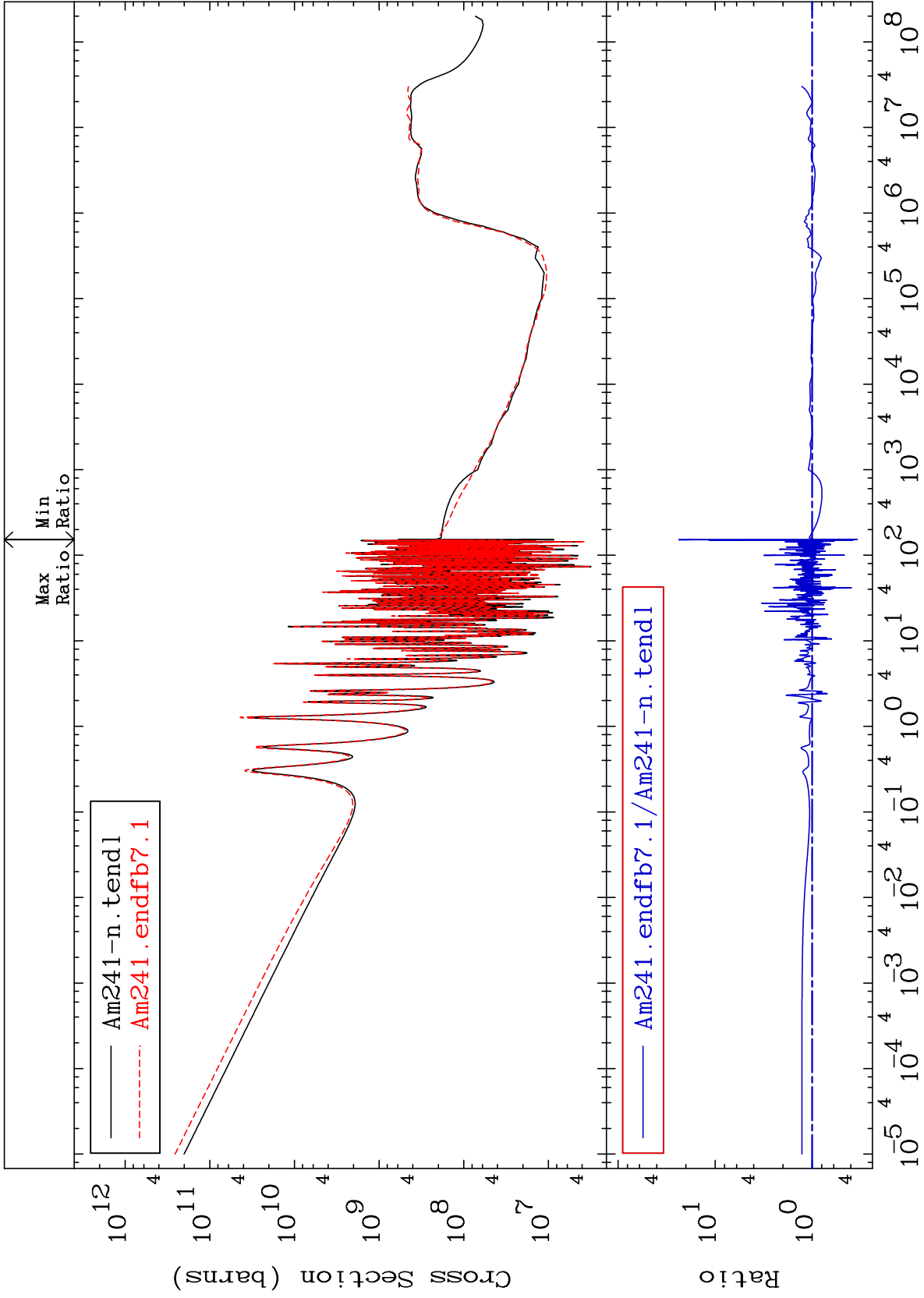
95-Am-241
-51.89 To 76.79 %



MAT 9543

Kerma non-elastic (all but mt2)
Cross Section

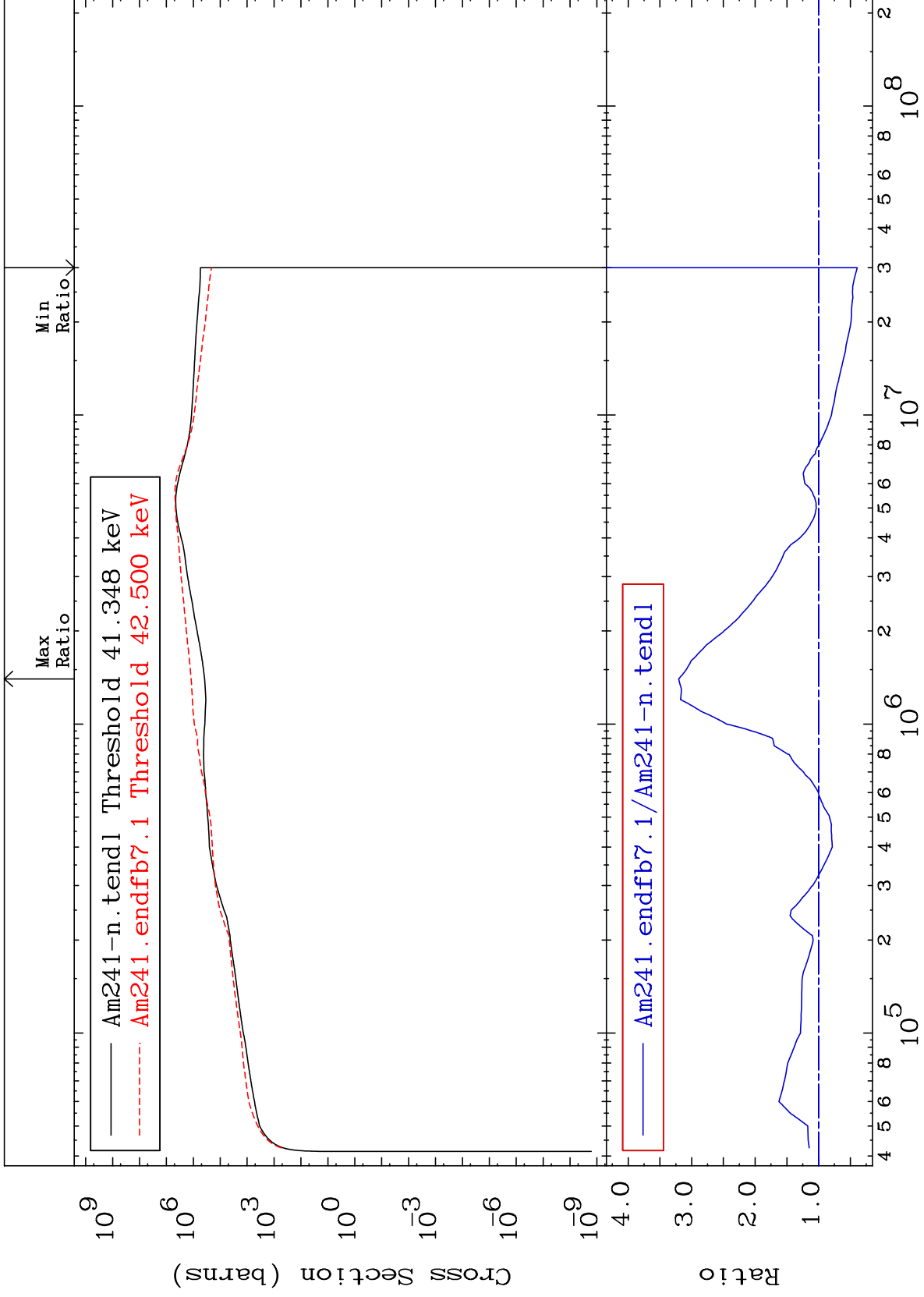
95-Am-241
-65.68 To 2276. %

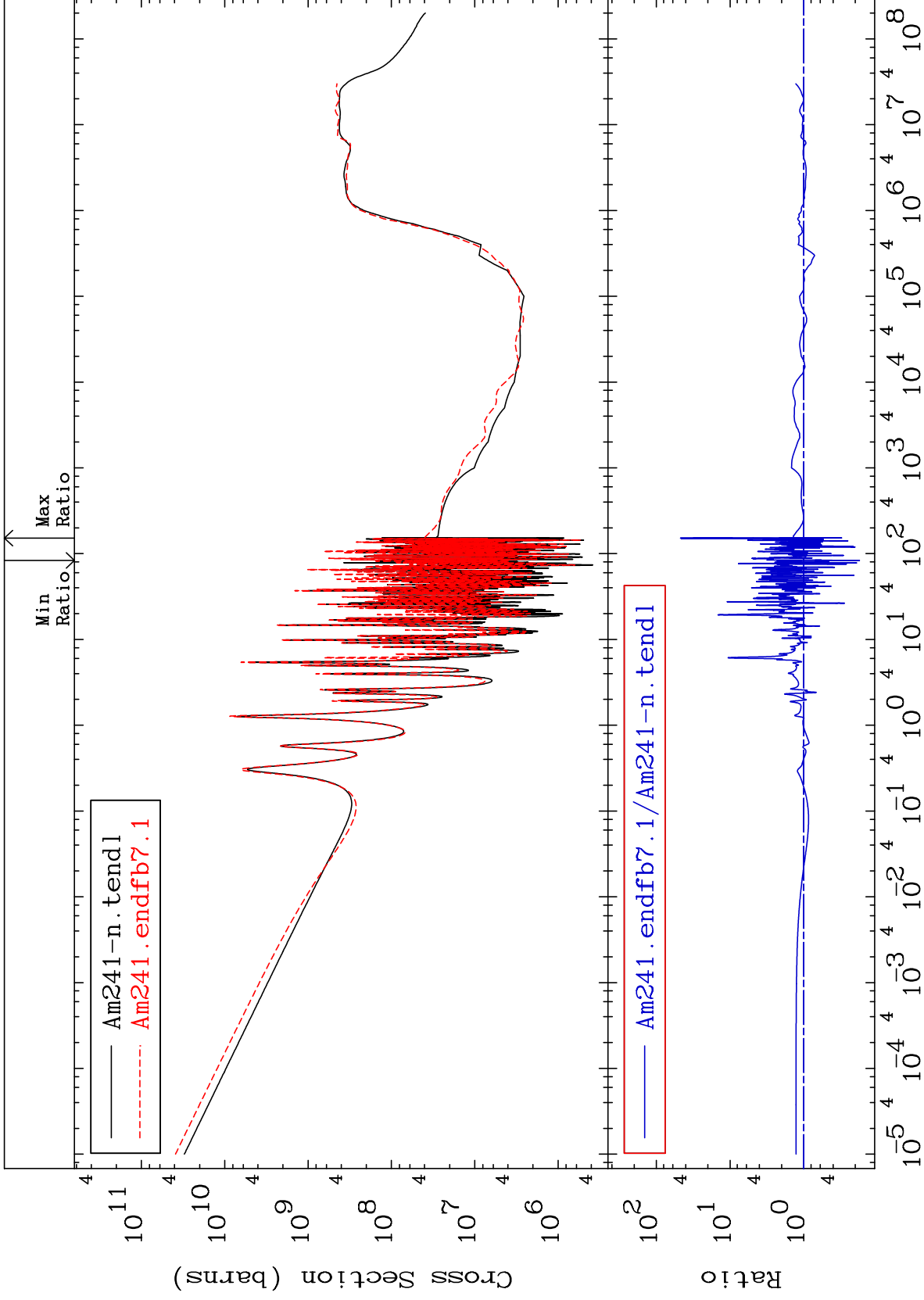


MAT 9543

Kerma inelastic (mt51-91)
Cross Section

95-Am-241
-60.94 To 220.5 %

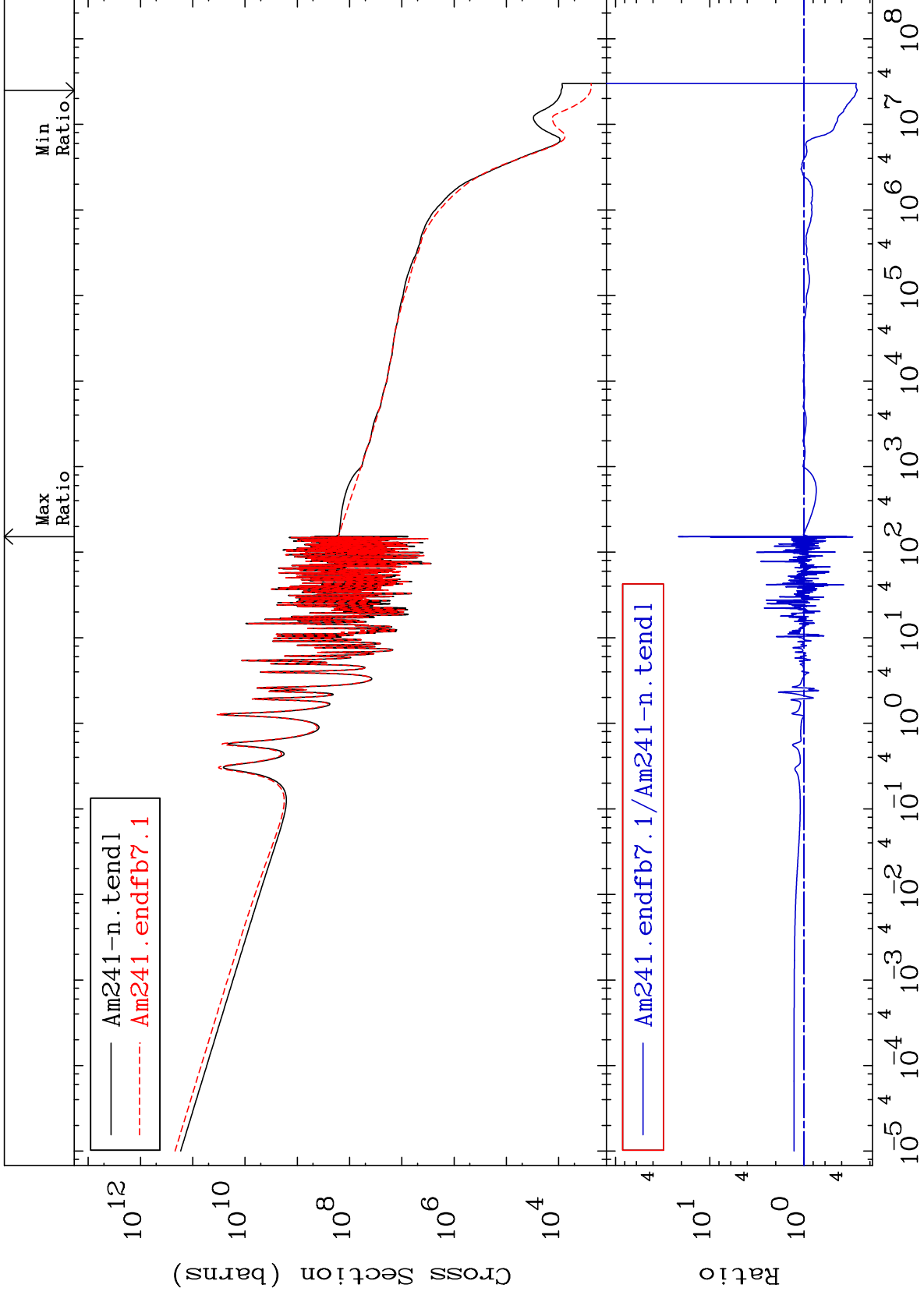




MAT 9543

Kerma capture (mt102)
Cross Section

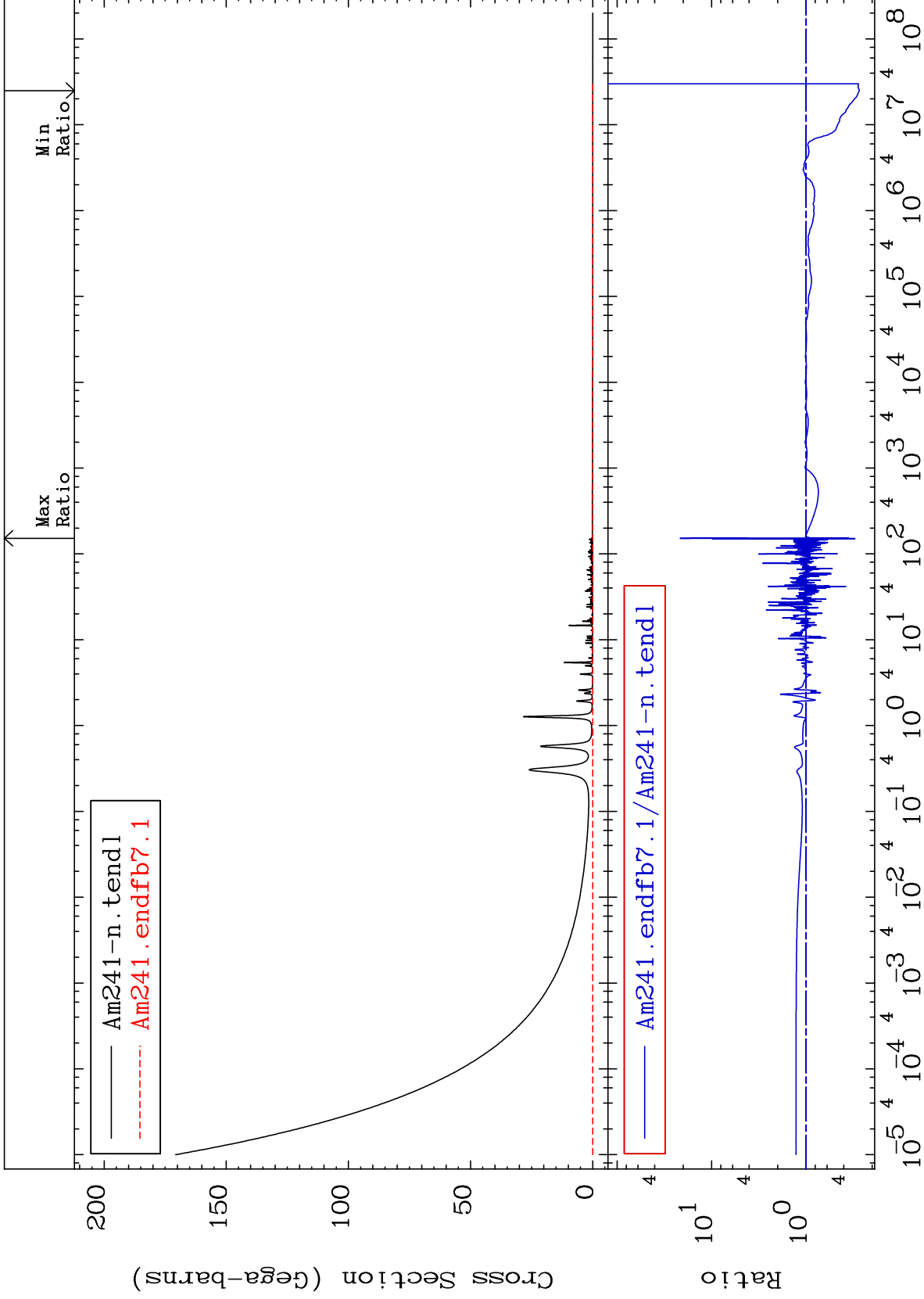
95-Am-241
-72.72 To 2041. %



MAT 9543

Total photon (eV-barns)
Cross Section

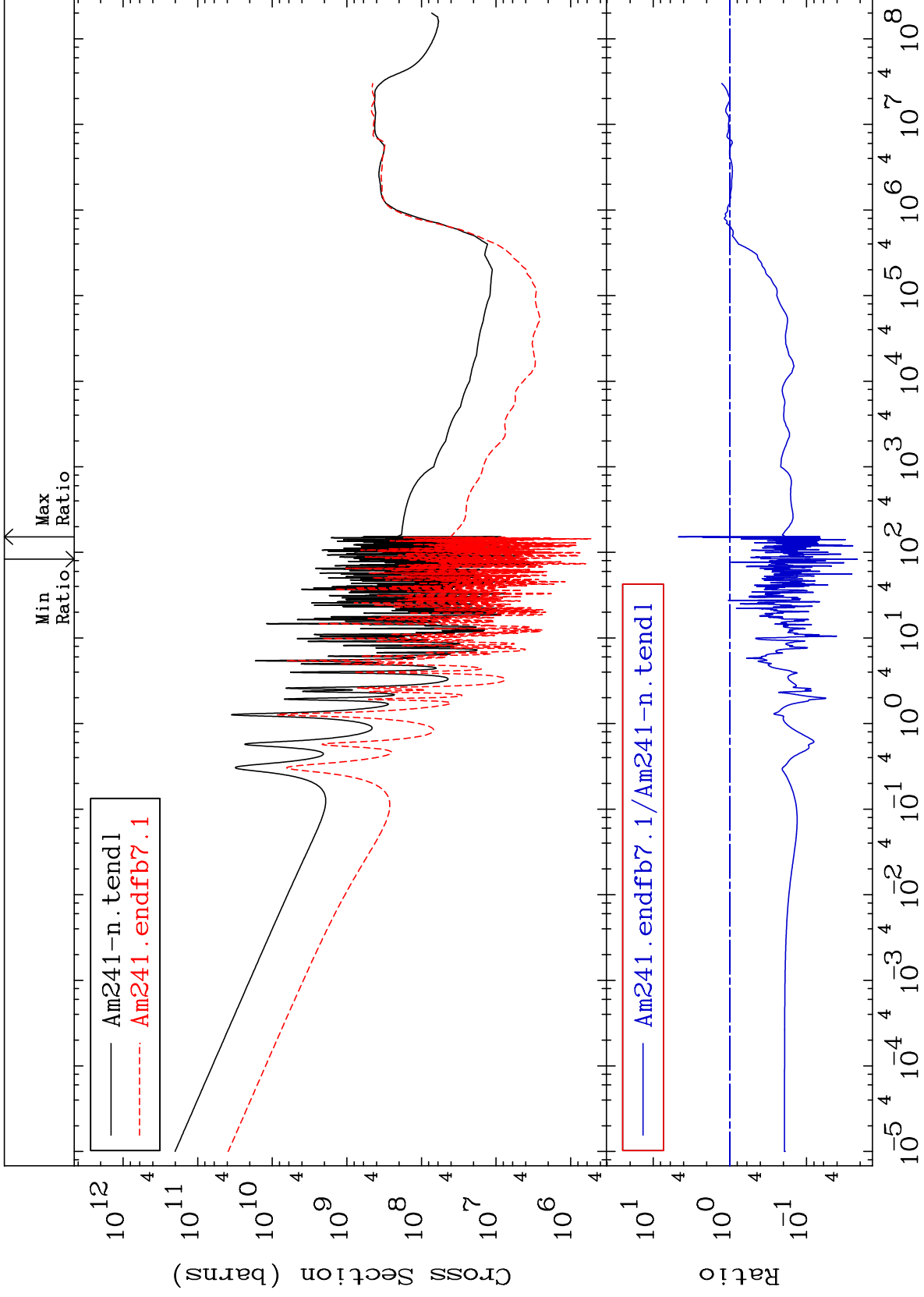
95-Am-241
-72.72 To 2041. %



MAT 9543

Total kinematic kerma (high limit)

95-Am-241
-97.82 To 365.4 %



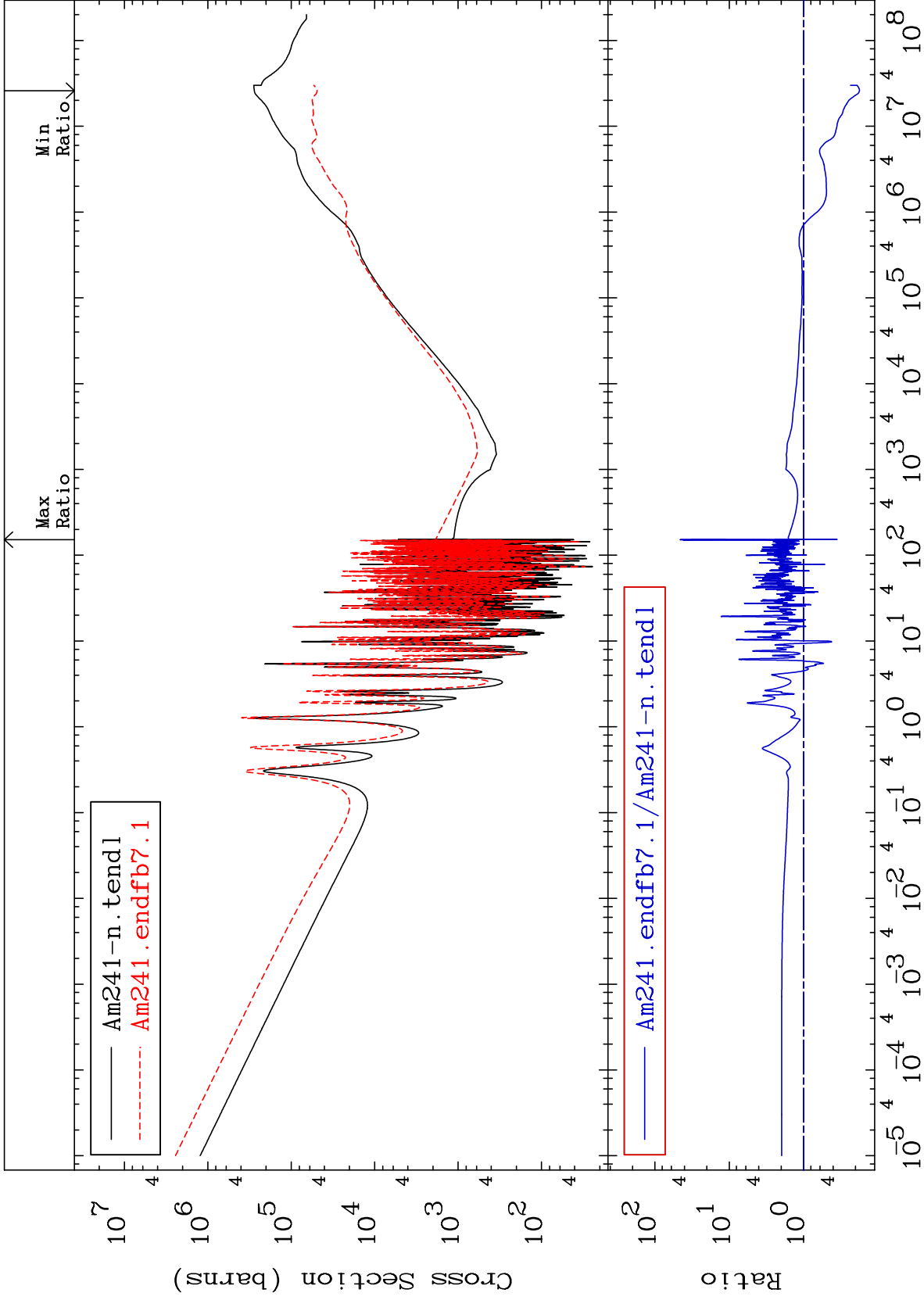
MAT 9543

Dpa total (eV-barns)

95-Am-241

-82.29 To 4447. %

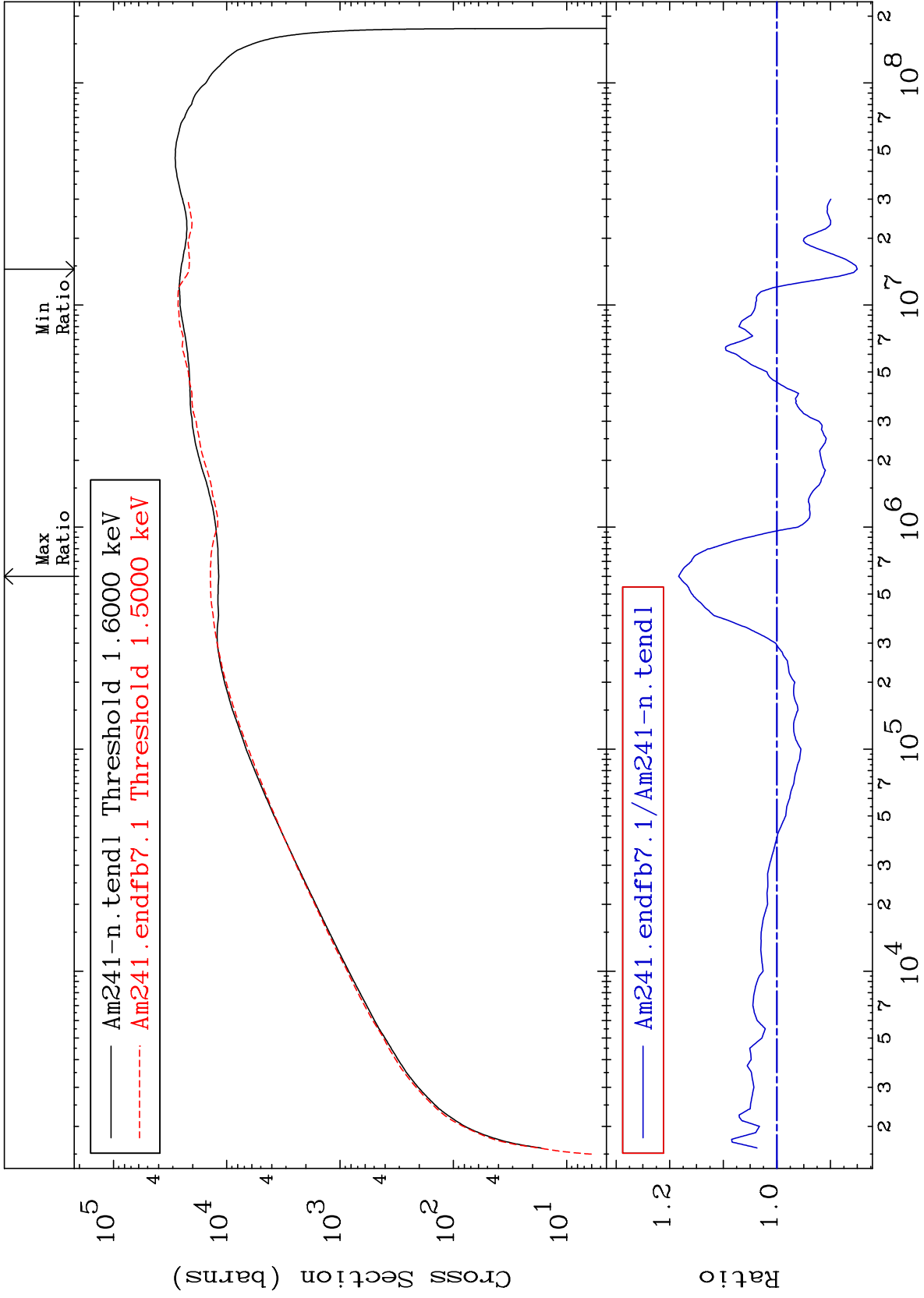
Cross Section



MAT 9543

Dpa elastic (mt2)
Cross Section

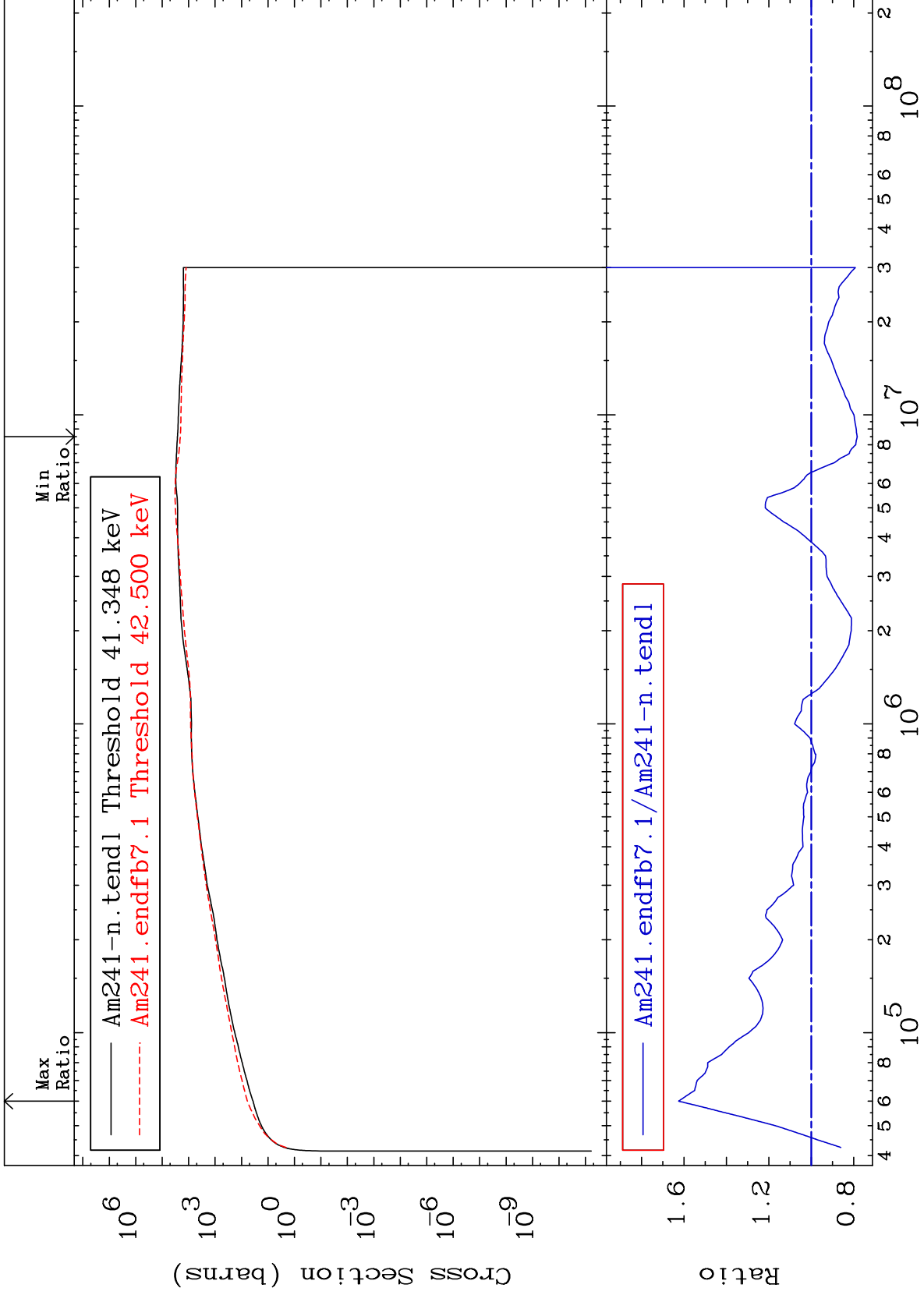
95-Am-241
-14.99 To 18.34 %



MAT 9543

Dpa inelastic (mt51-91)
Cross Section

95-Am-241
-21.68 To 62.55 %



MAT 9543

Dpa disappearance (mt102 -120)
Cross Section

95-Am-241
-99.86 To 9999. %

