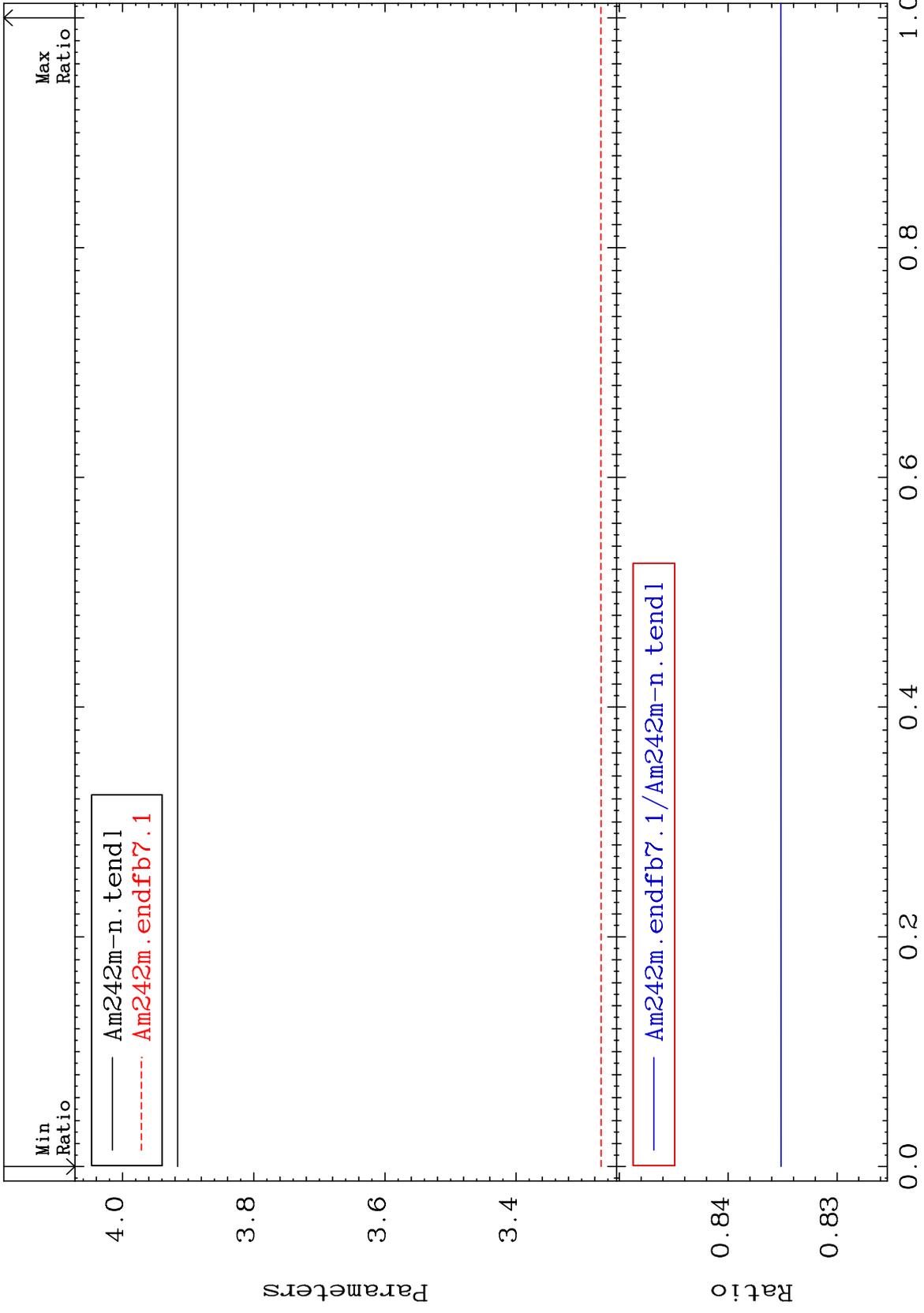


MAT 9547

Total $\bar{\nu}$
Parameters

95-Am-242
-16.49 To -16.48%



1

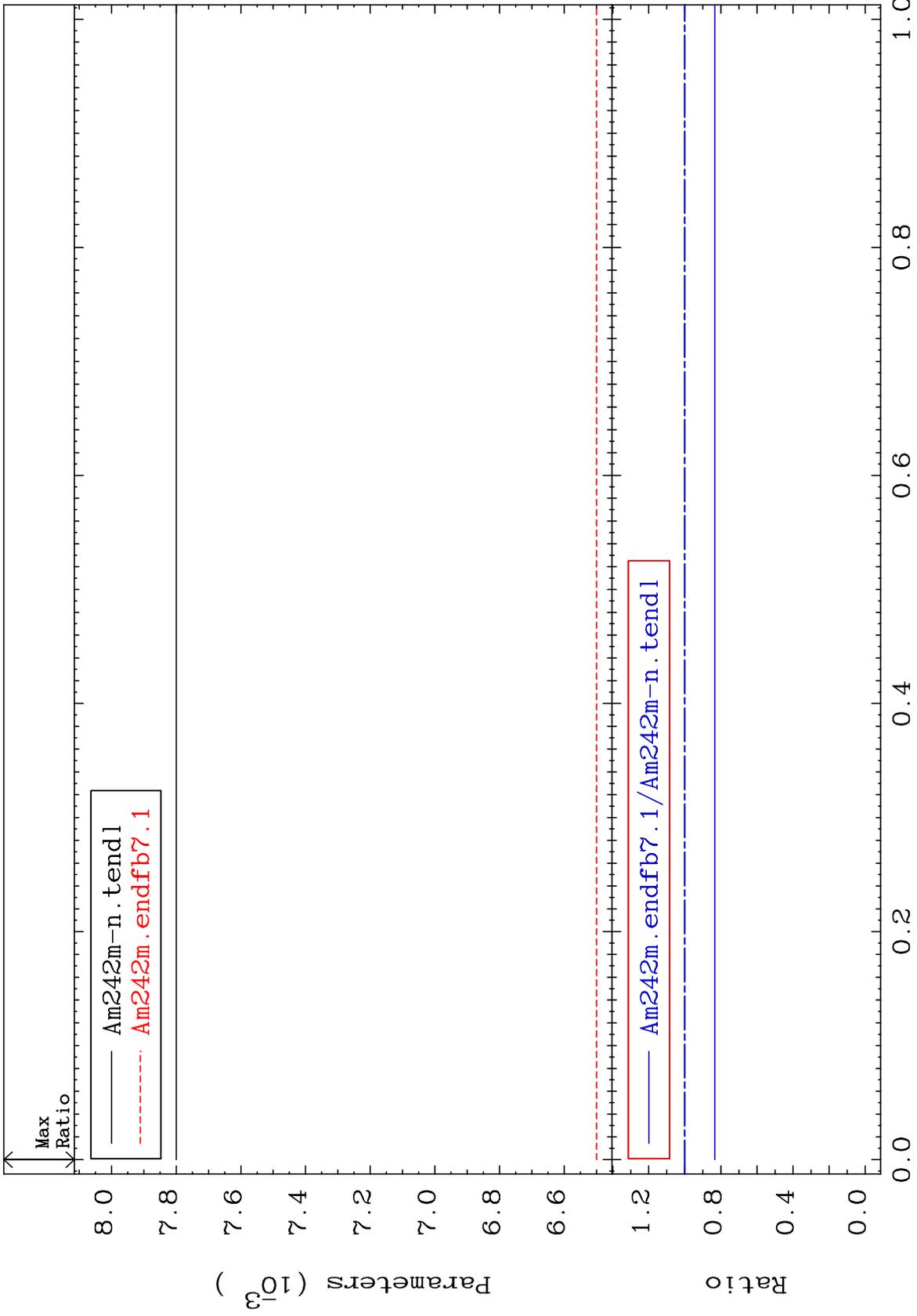
Incident Energy (KeV)

95-Am-242

MAT 9547

Delayed $\bar{\nu}$
Parameters

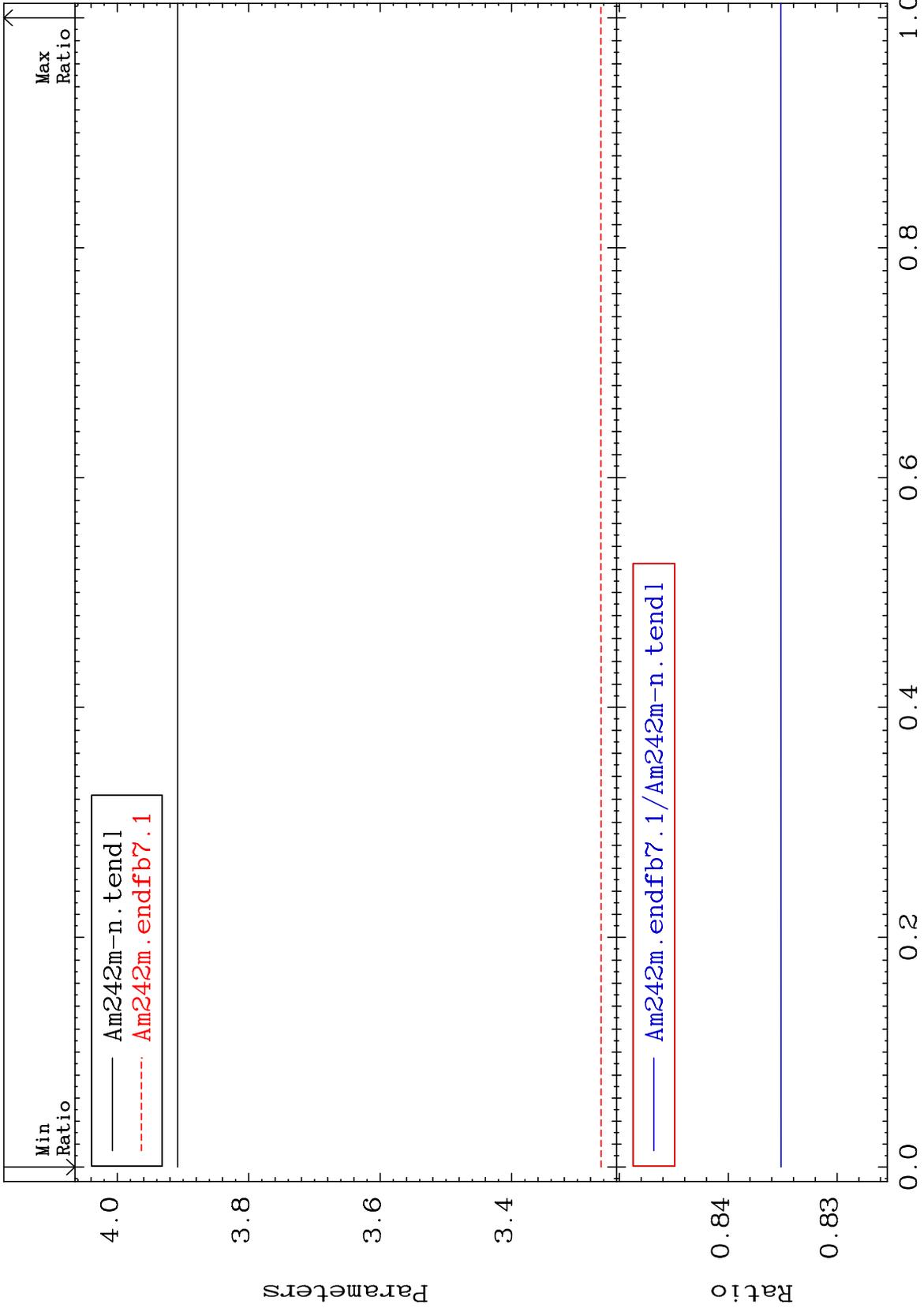
95-Am-242
-16.67 To -16.67%



MAT 9547

Prompt $\bar{\nu}$
Parameters

95-Am-242
-16.48 To -16.48%



3

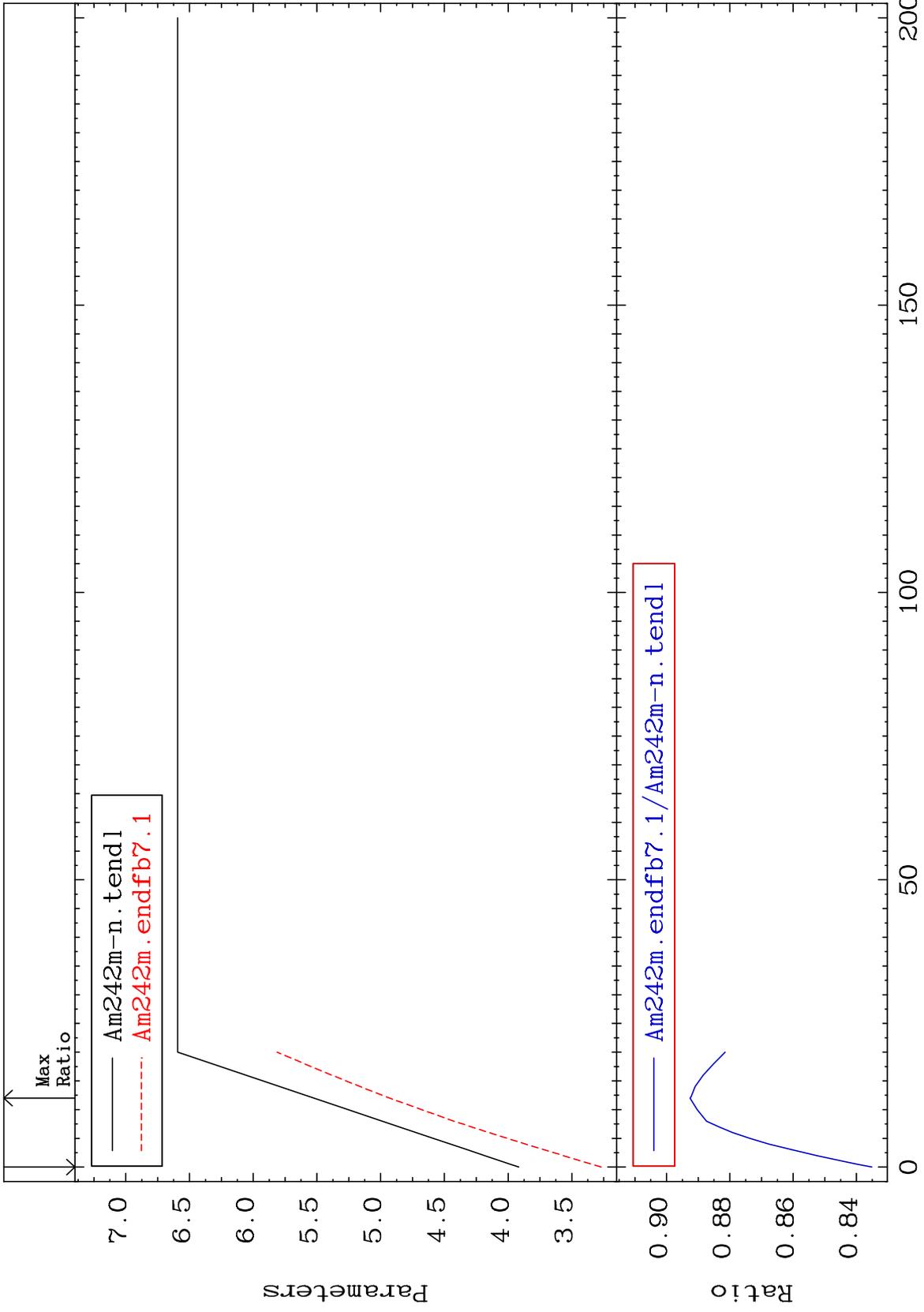
Incident Energy (KeV)

95-Am-242

MAT 9547

Total $\bar{\nu}$
Parameters

95-Am-242
-16.49 To -10.74%



Incident Energy (MeV)

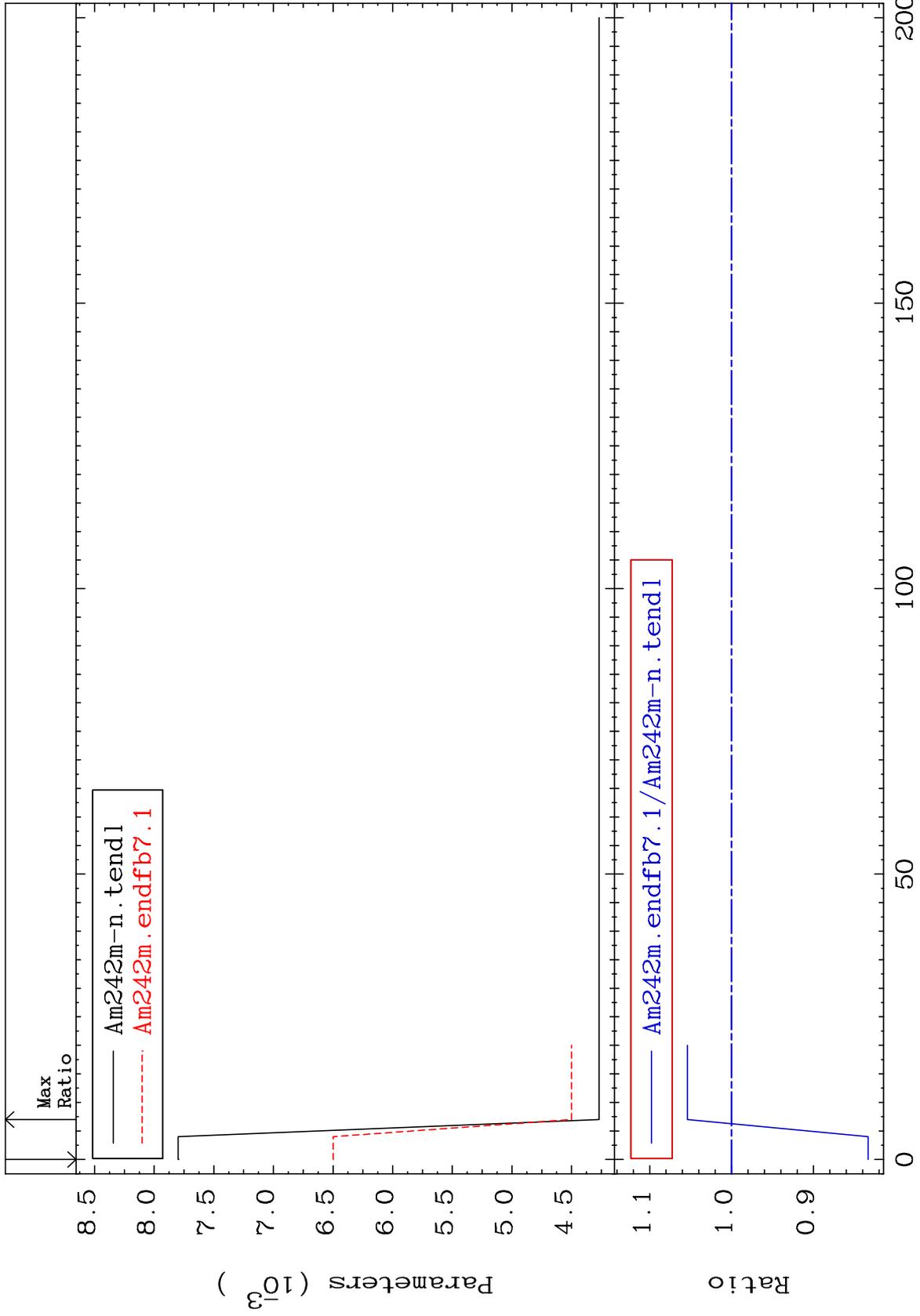
95-Am-242

1

MAT 9547

Delayed $\bar{\nu}$
Parameters

95-Am-242
-16.67 To 5.386 %



2

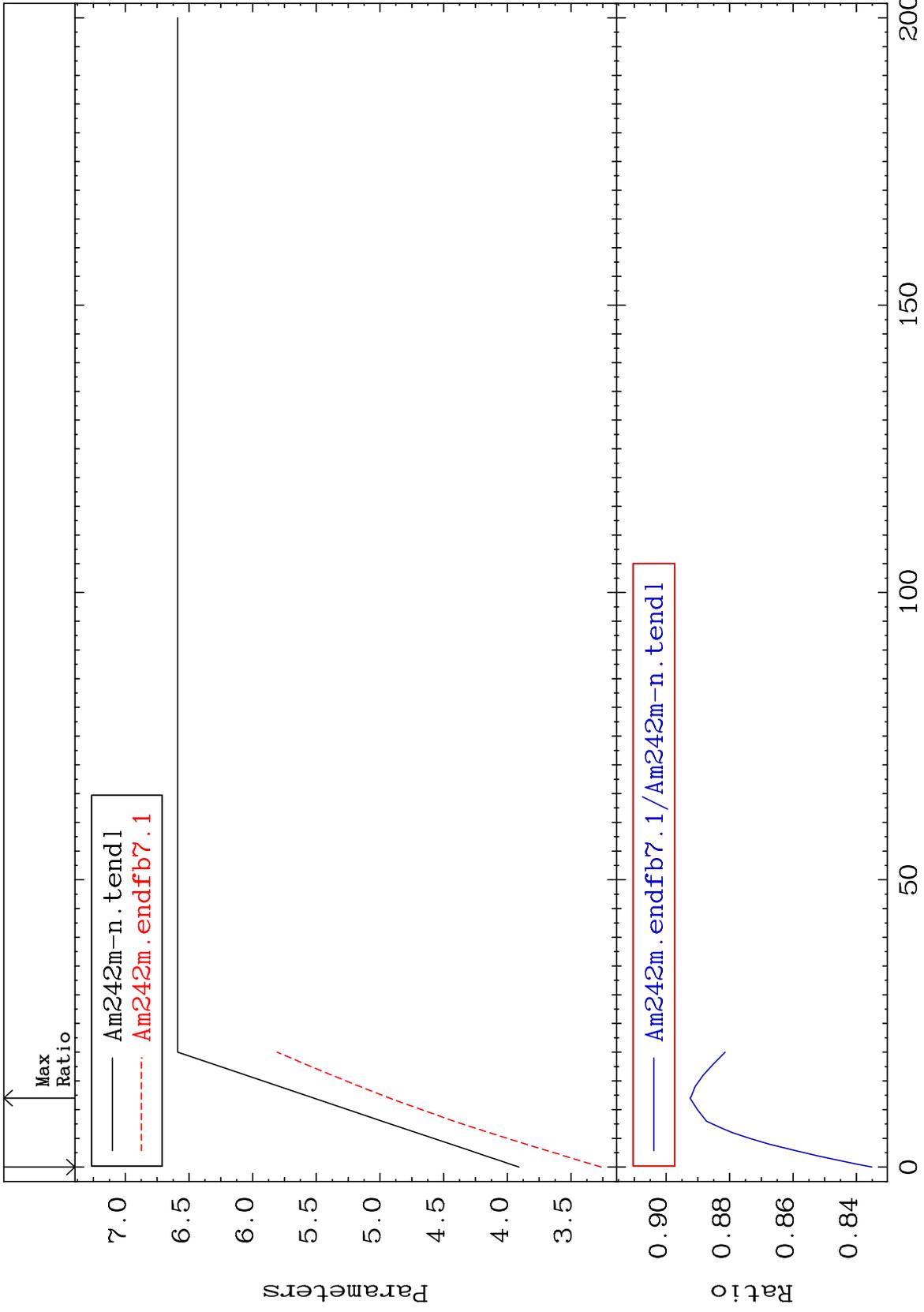
Incident Energy (MeV)

95-Am-242

MAT 9547

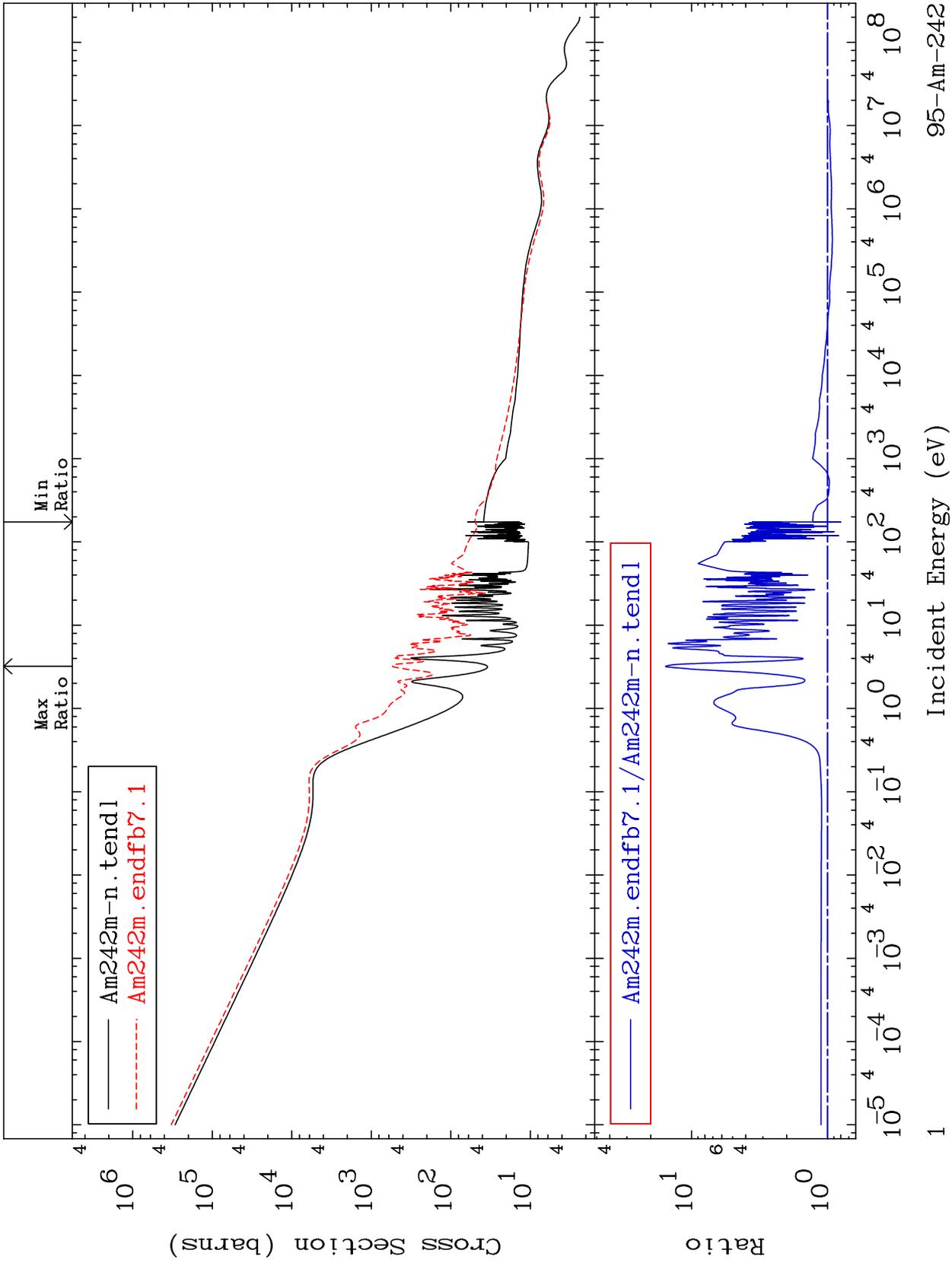
Prompt $\bar{\nu}$
Parameters

95-Am-242
-16.48 To -10.76%



MAT 9547

Total Cross Section
95-Am-242
-20.00 To 1457. %



95-Am-242

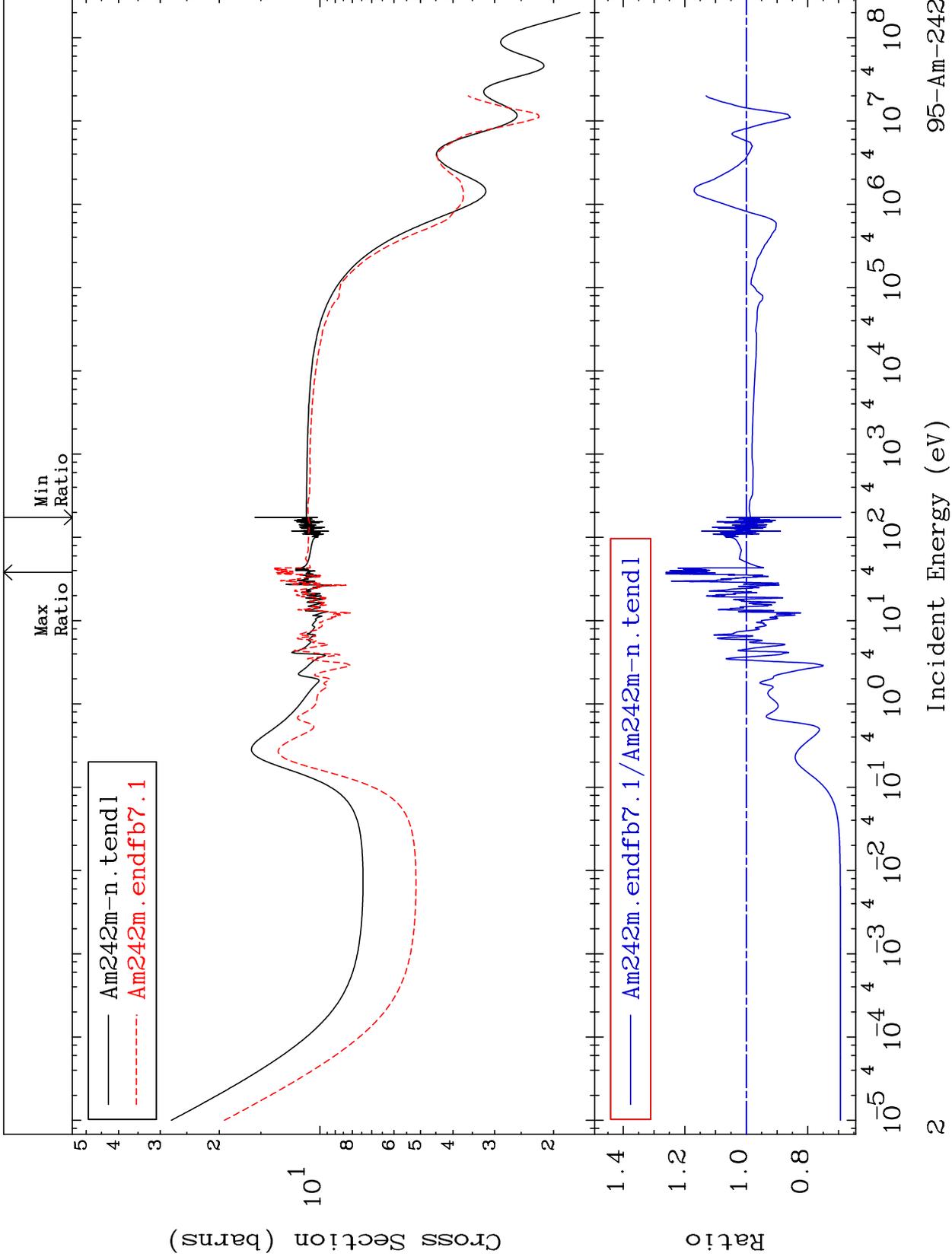
MAT 9547

Elastic

95-Am-242

Cross Section

-30.73 To 26.26 %

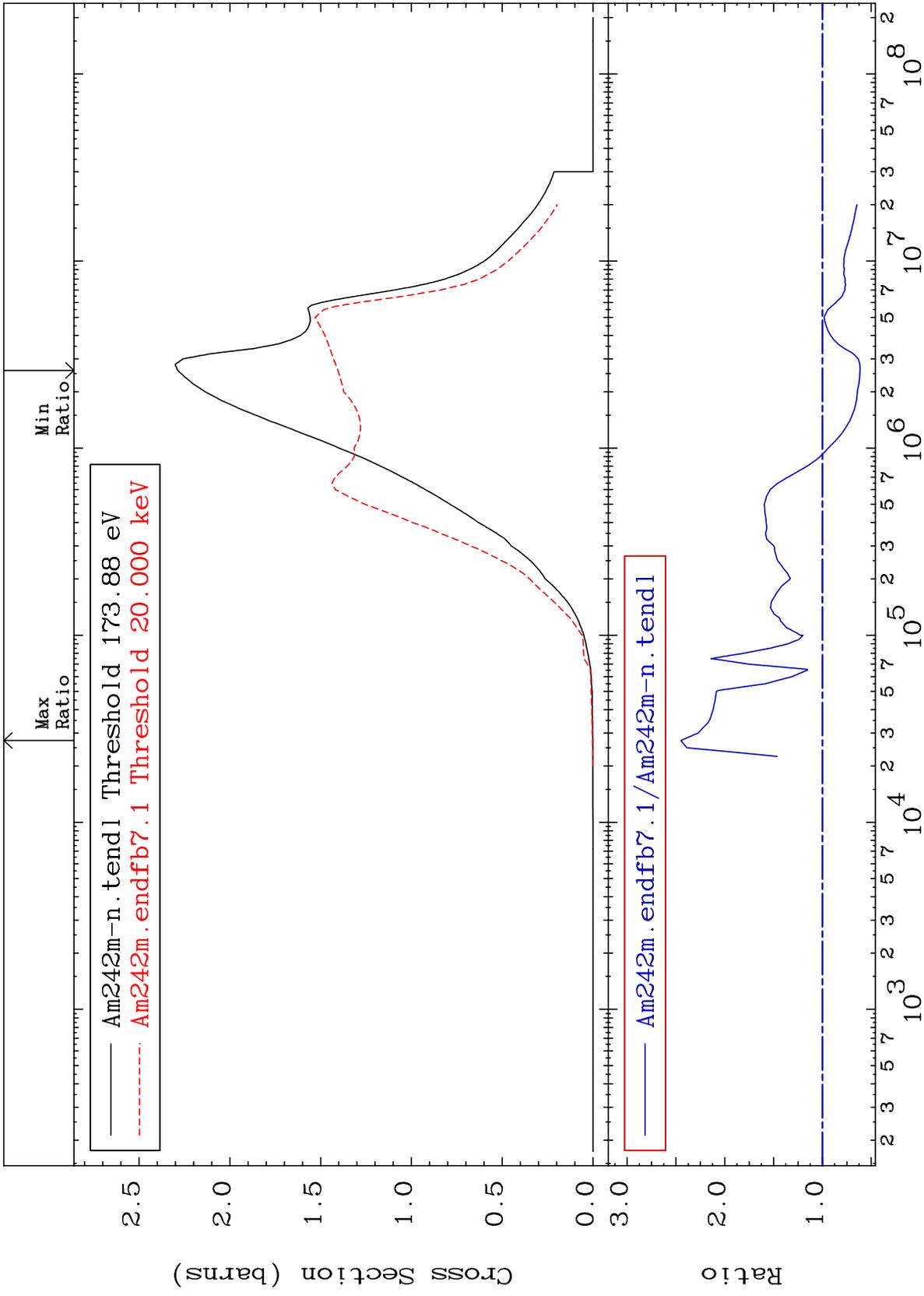


95-Am-242

MAT 9547

Inelastic Cross Section

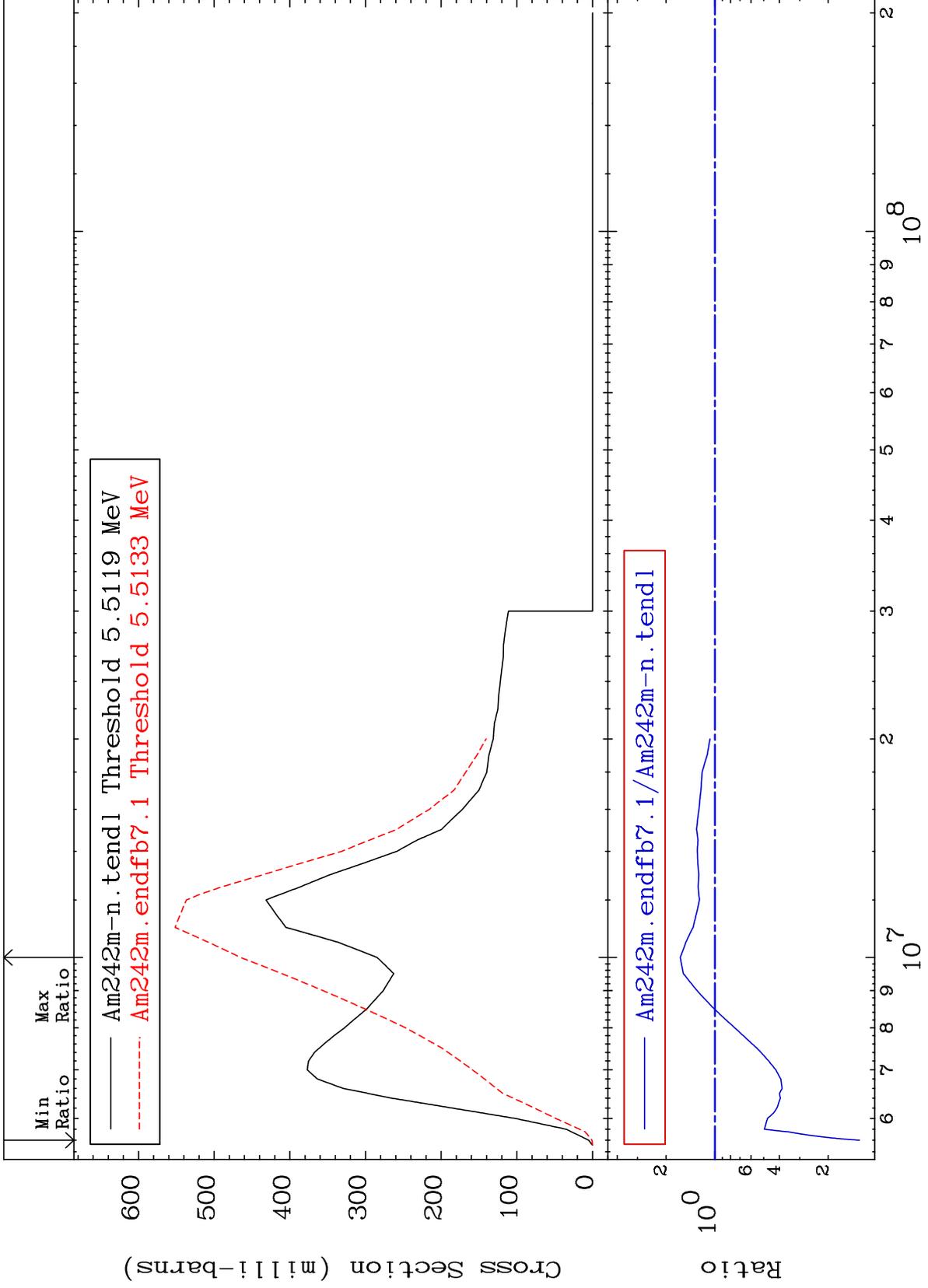
95-Am-242
-38.58 To 145.1 %



MAT 9547

(n,2n)
Cross Section

95-Am-242
-87.16 To 63.41 %



4

95-Am-242

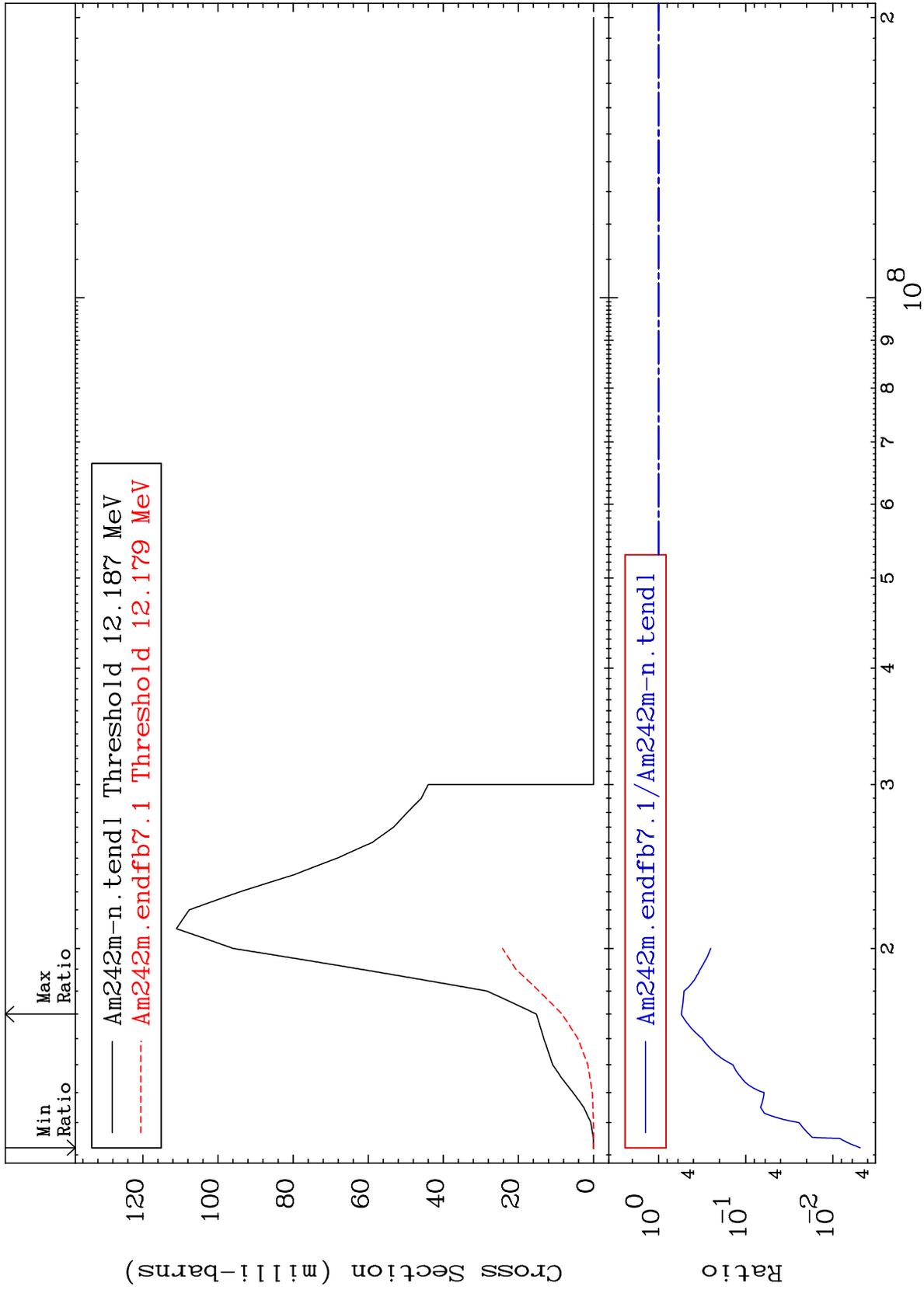
MAT 9547

(n, 3n)

95-Am-242

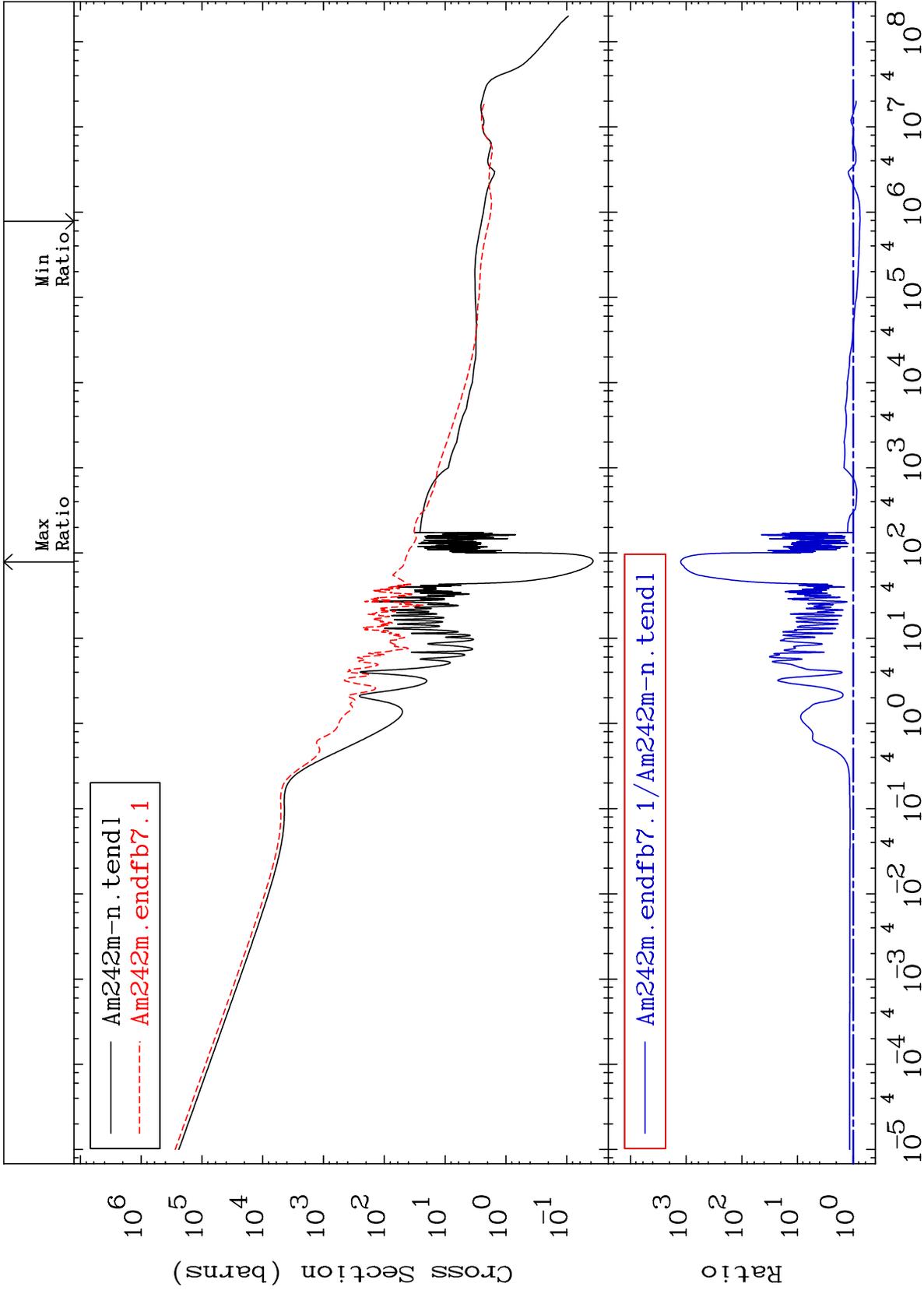
Cross Section

-99.51 To -44.84%



MAT 9547

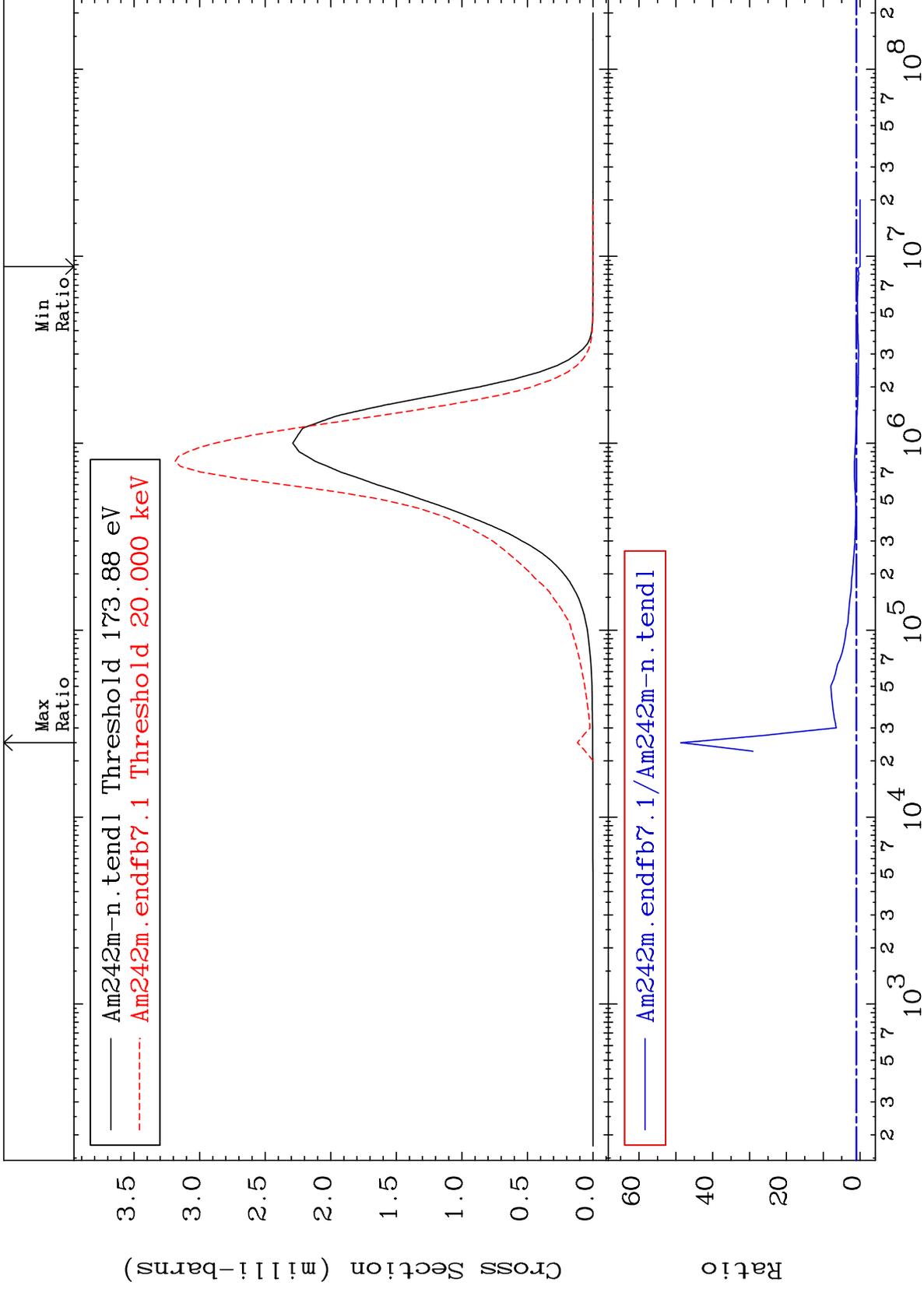
Fission Cross Section 95-Am-242
-24.98 To 9999. %



MAT 9547

0.000 keV (n,n') Level
Cross Section

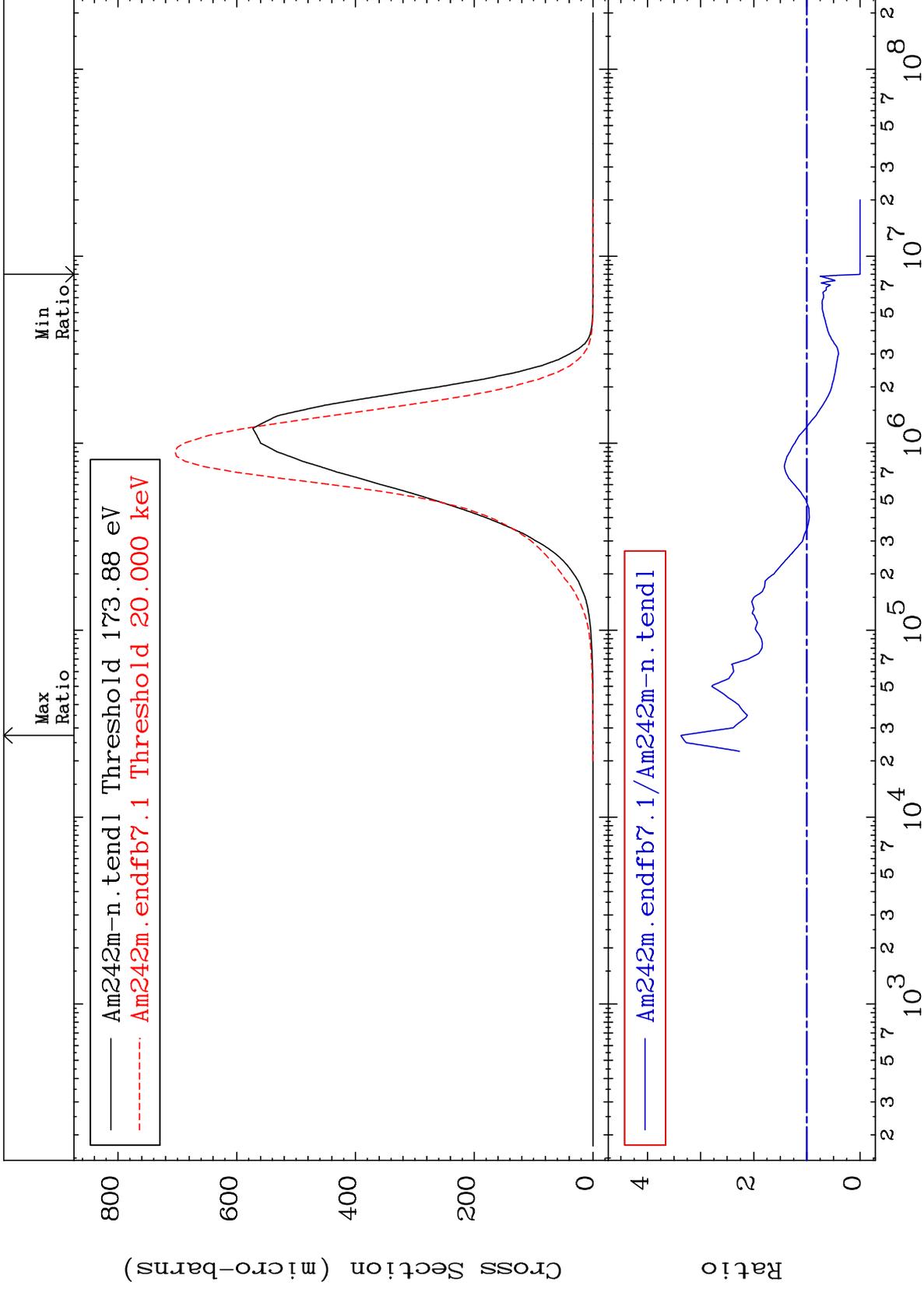
95-Am-242
-100.0 To 4767. %



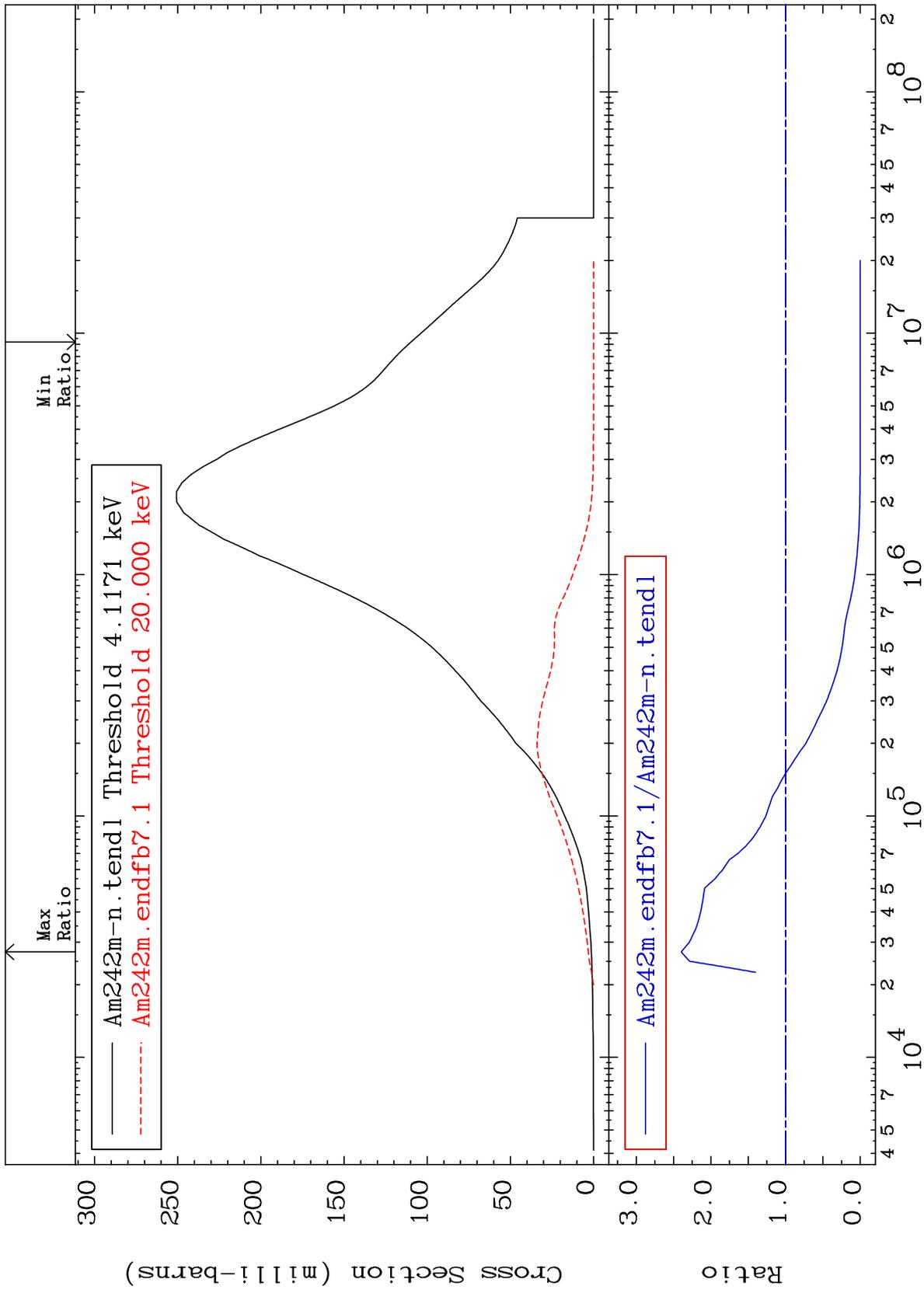
MAT 9547

44.09 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 237.3 %



MAT 9547 52.70 keV (n,n') Level Cross Section 95-Am-242 -100.0 To 139.9 %



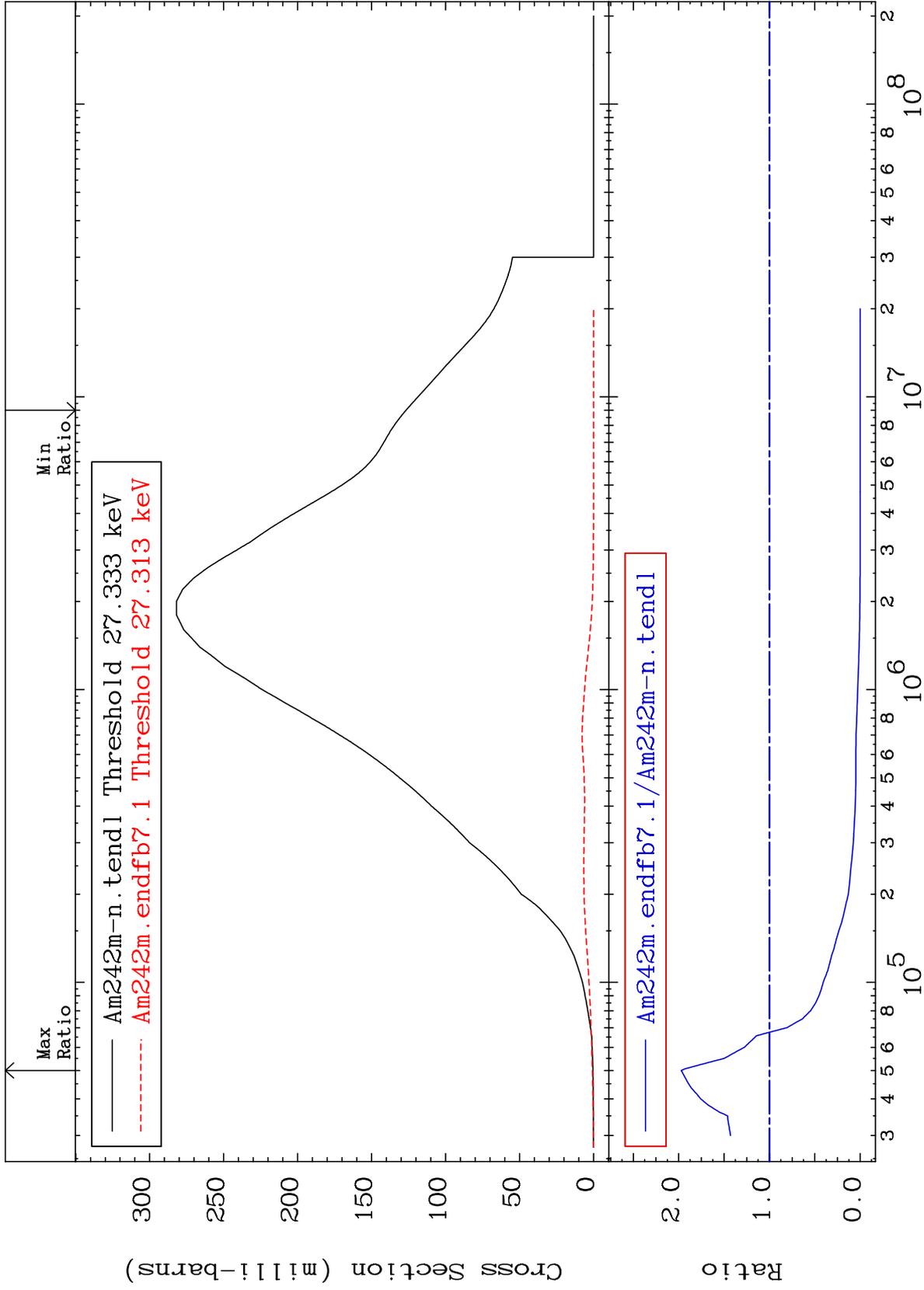
MAT 9547

75.82 keV (n,n') Level

95-Am-242

Cross Section

-100.0 To 97.27 %

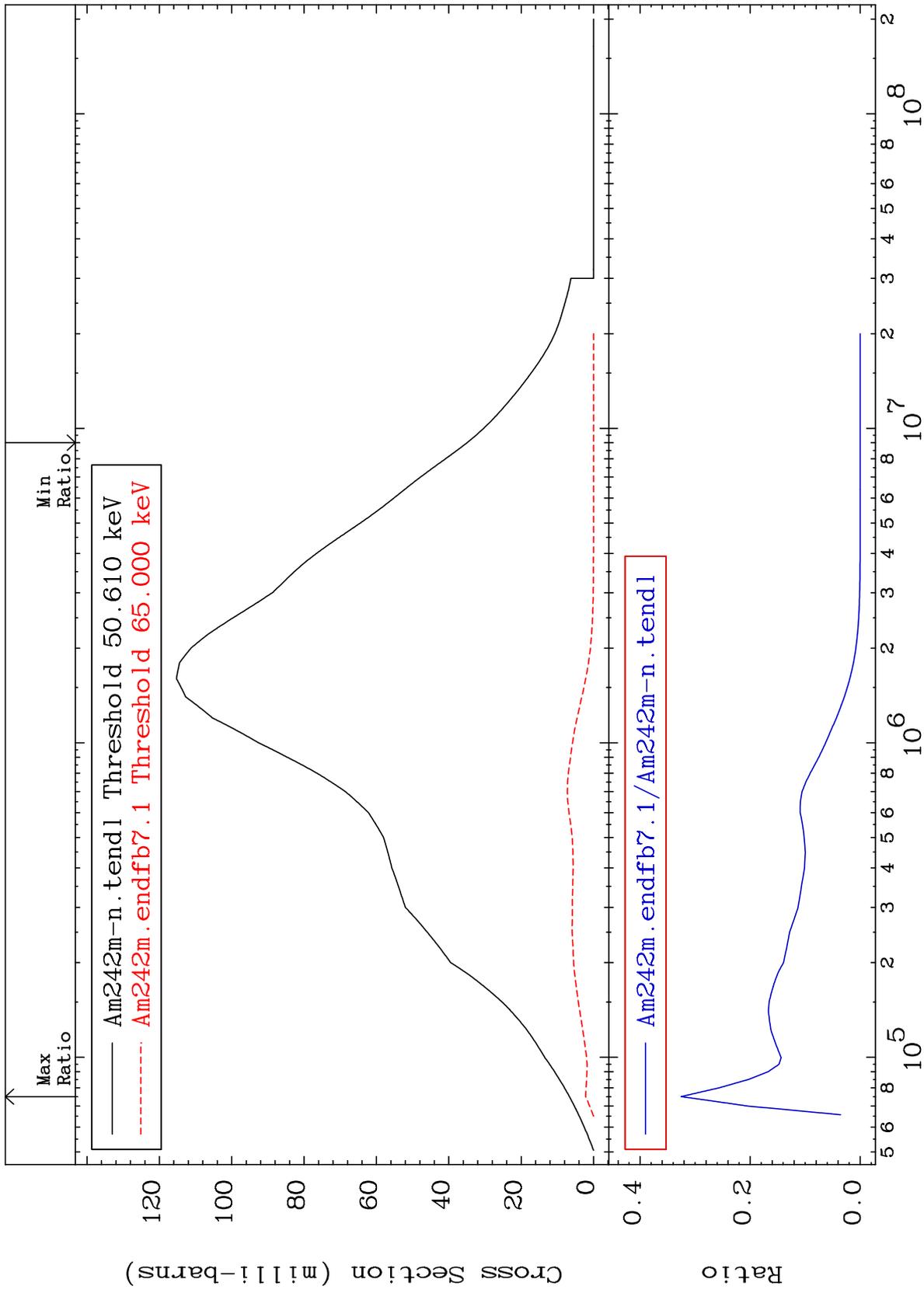


10

Incident Energy (eV)

95-Am-242

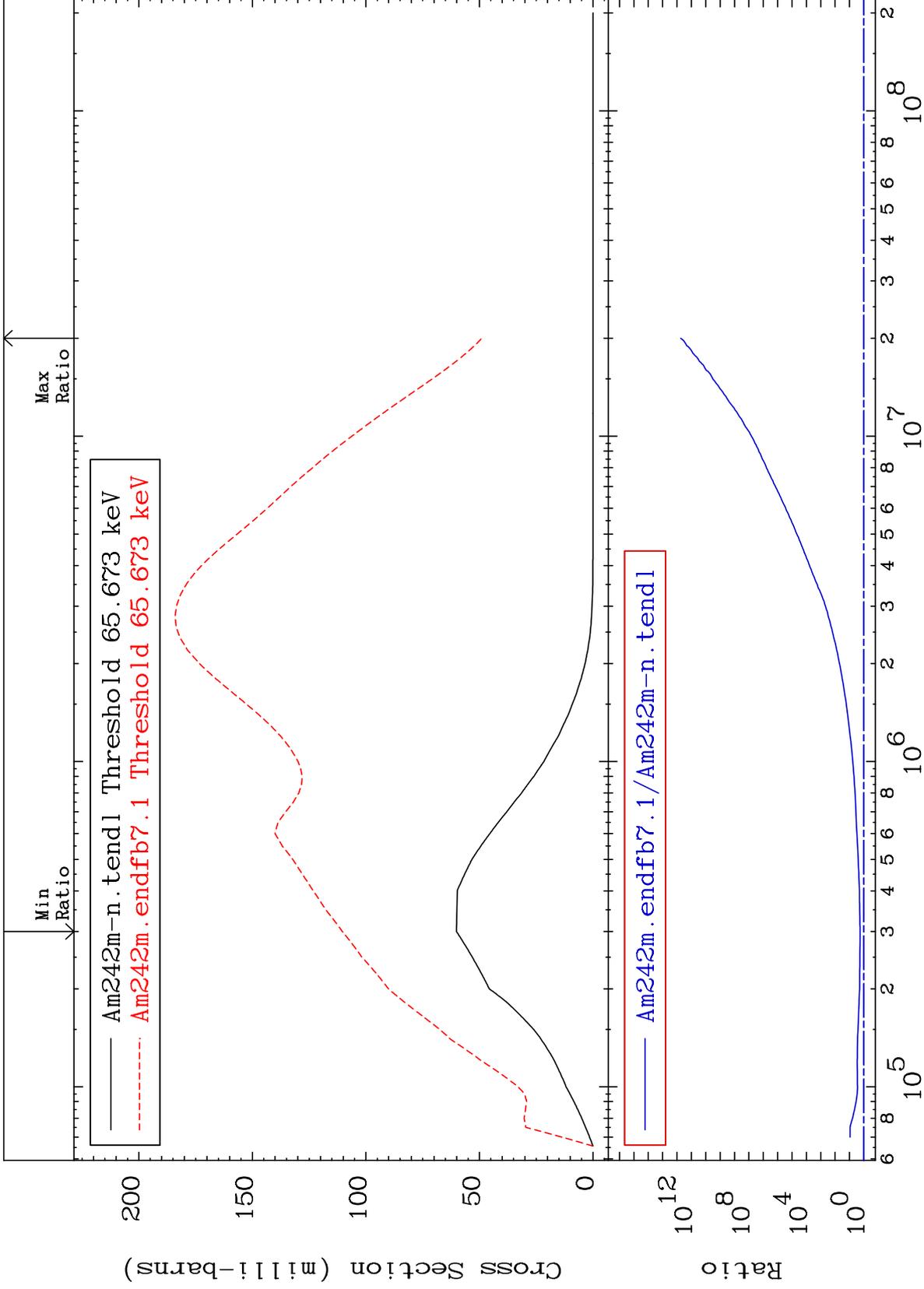
MAT 9547 99.00 keV (n,n') Level 95-Am-242
 Cross Section -100.0 To -67.47%



MAT 9547

114.0 keV (n,n') Level
Cross Section

95-Am-242
83.64 To 9999. %



12

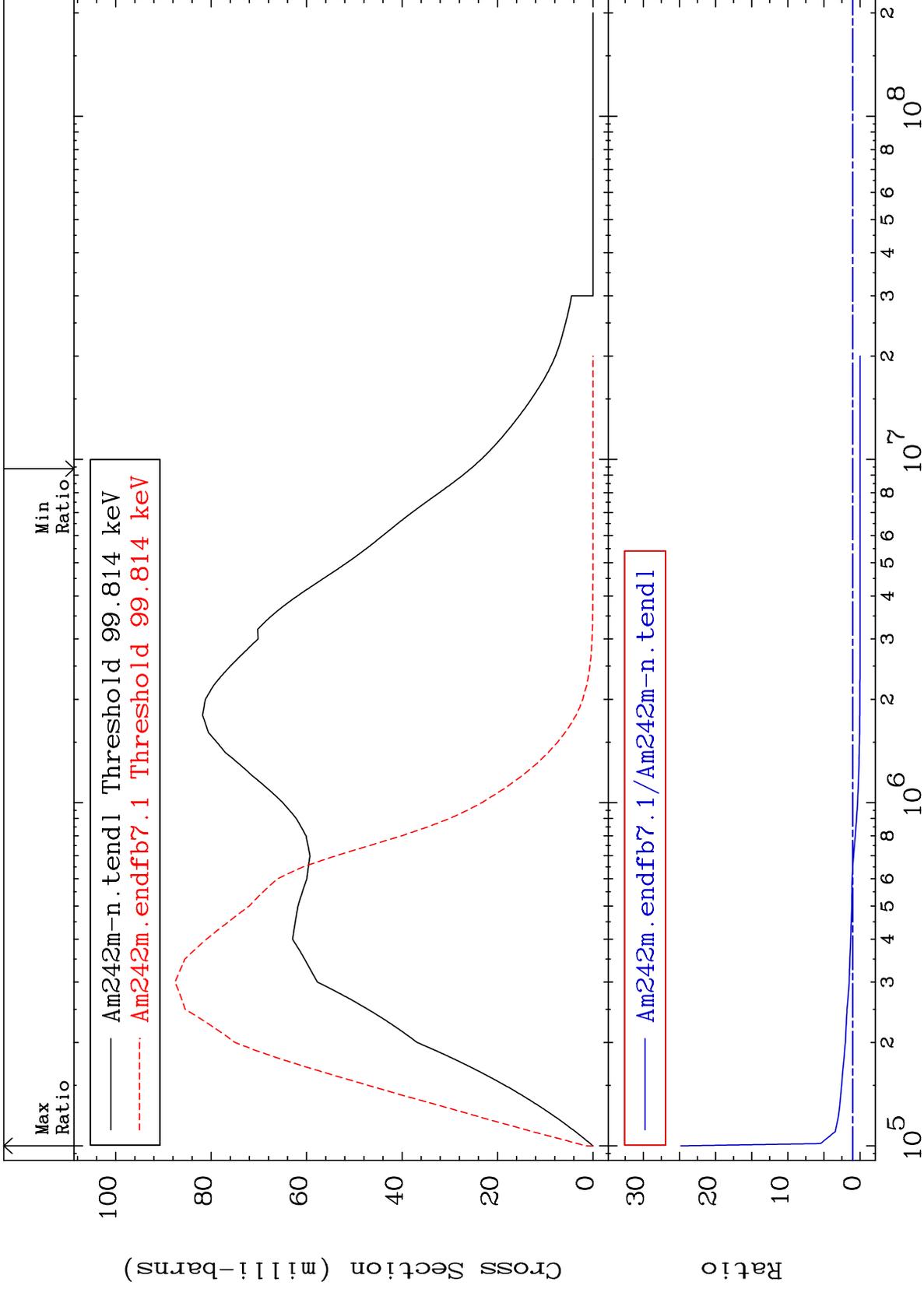
Incident Energy (eV)

95-Am-242

MAT 9547

148.0 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 2381. %



13

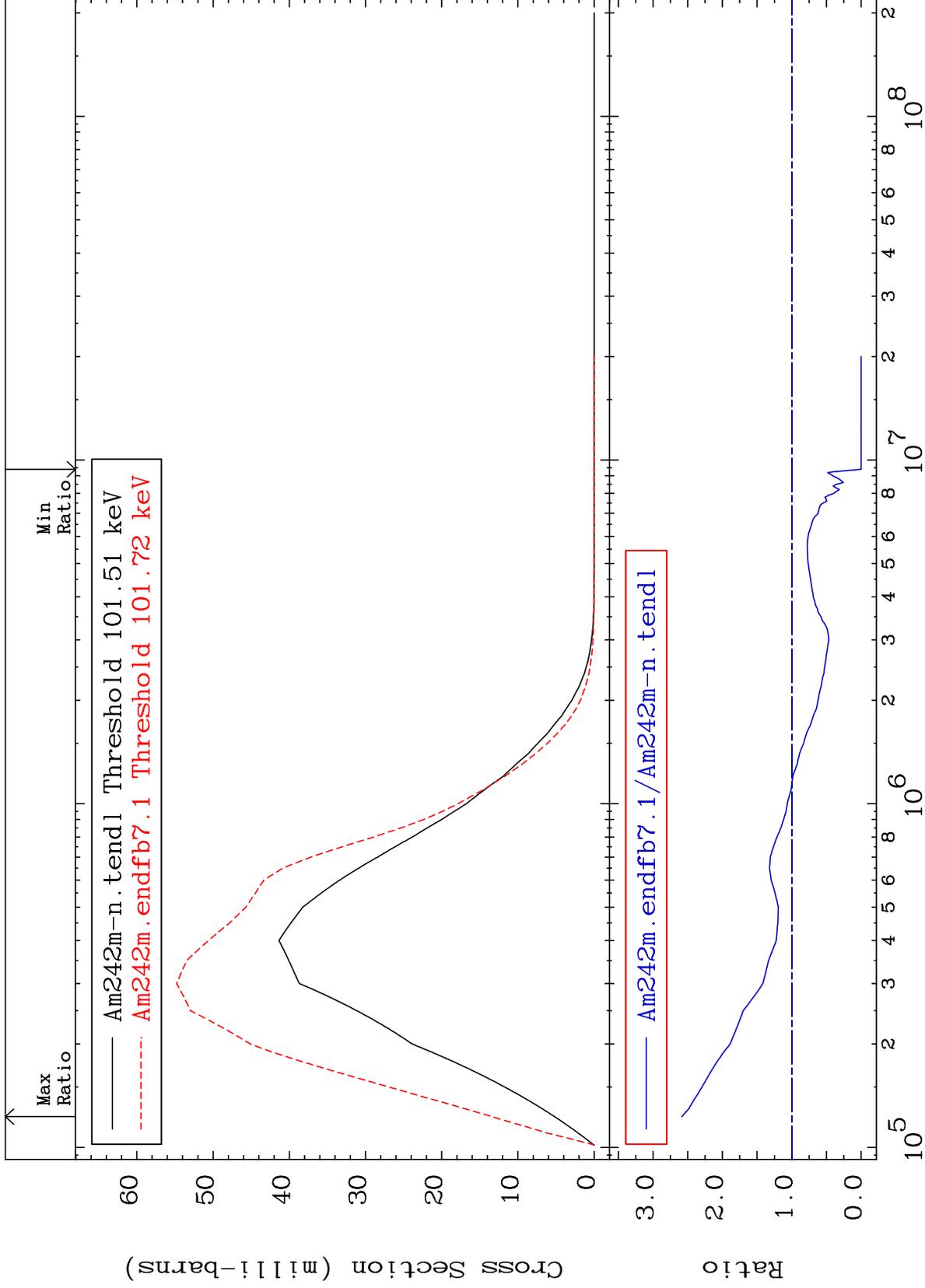
Incident Energy (eV)

95-Am-242

MAT 9547

149.7 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 158.4 %



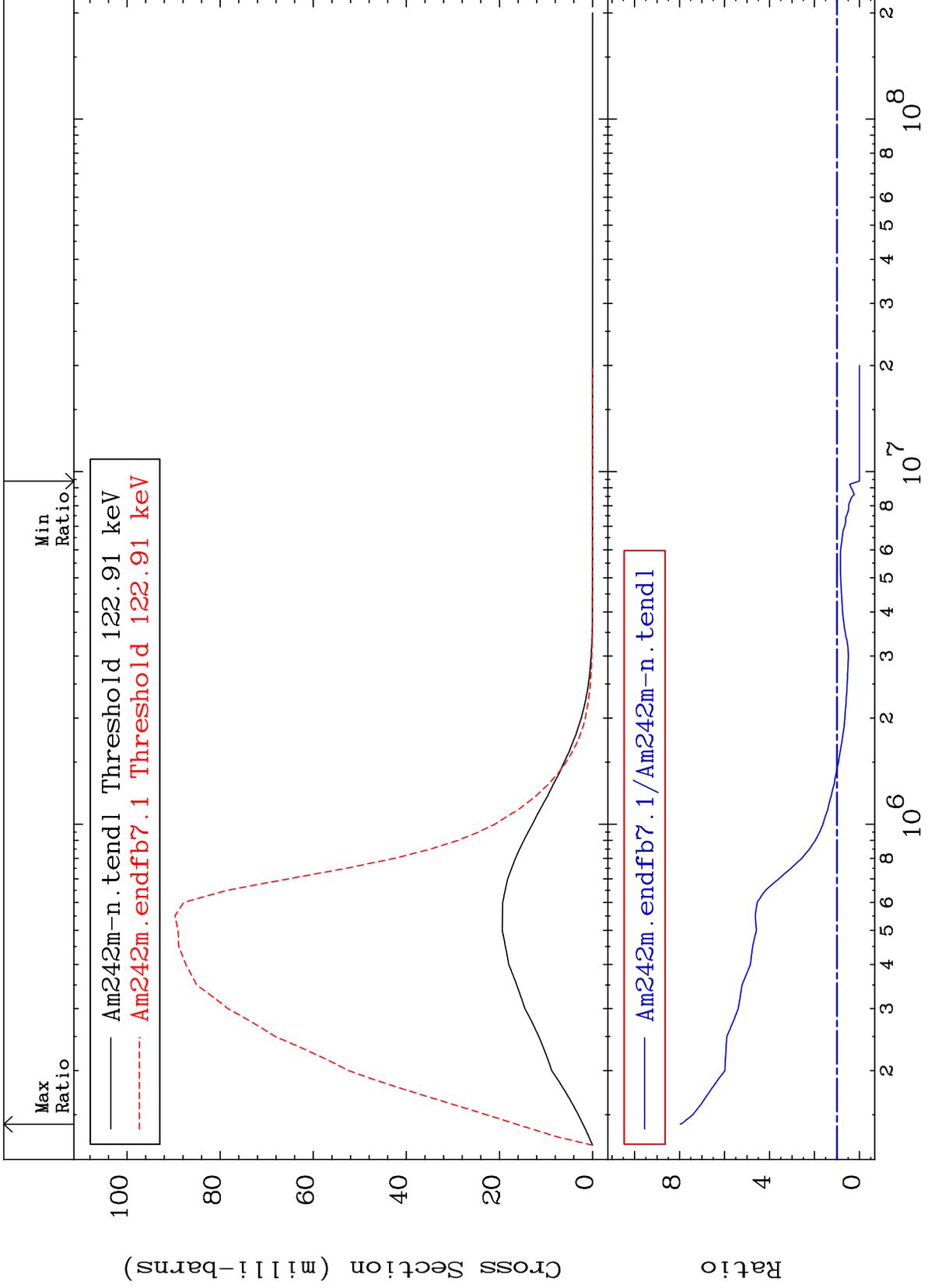
14

95-Am-242

MAT 9547

171.0 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 696.6 %

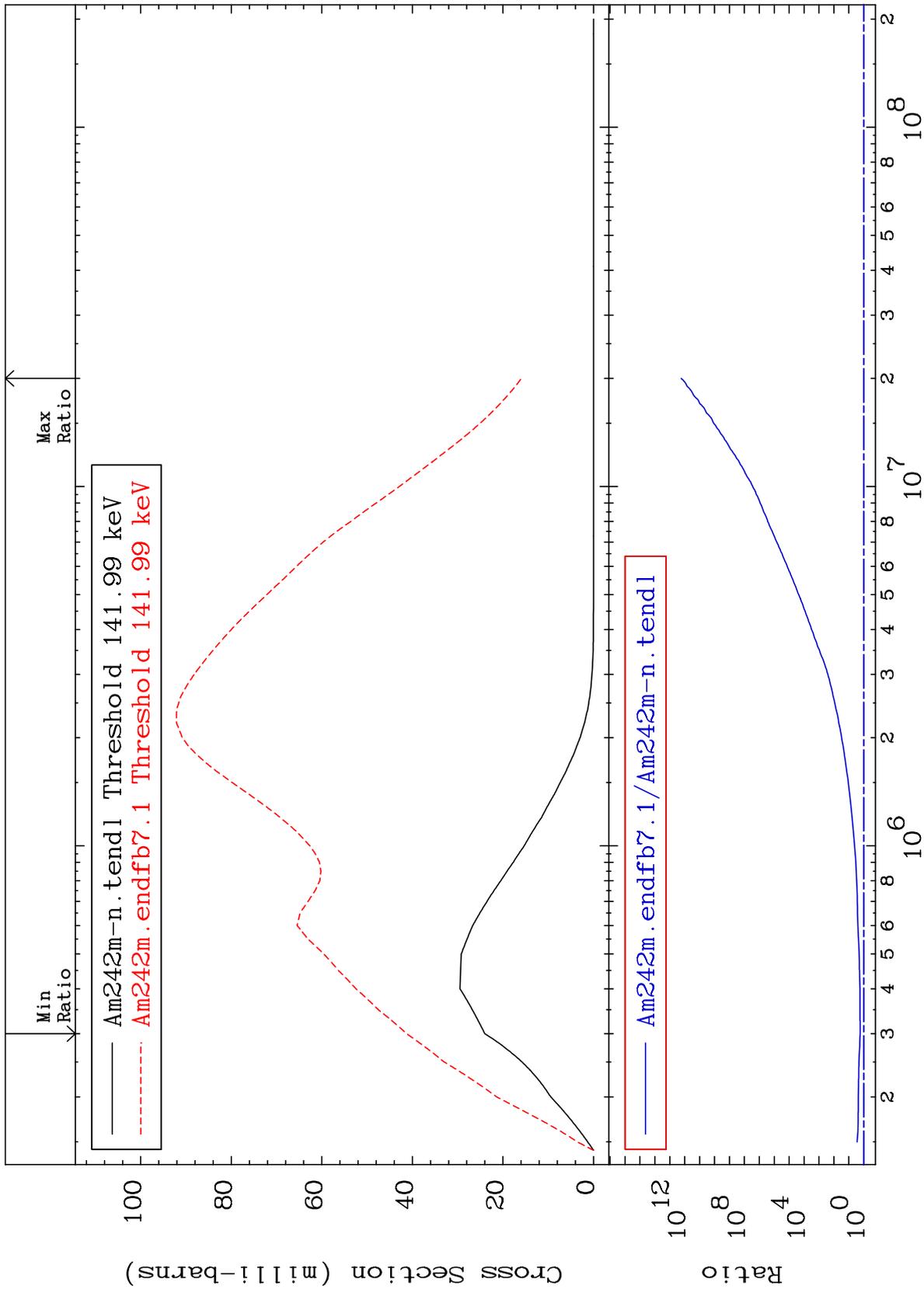


15

Incident Energy (eV)

95-Am-242

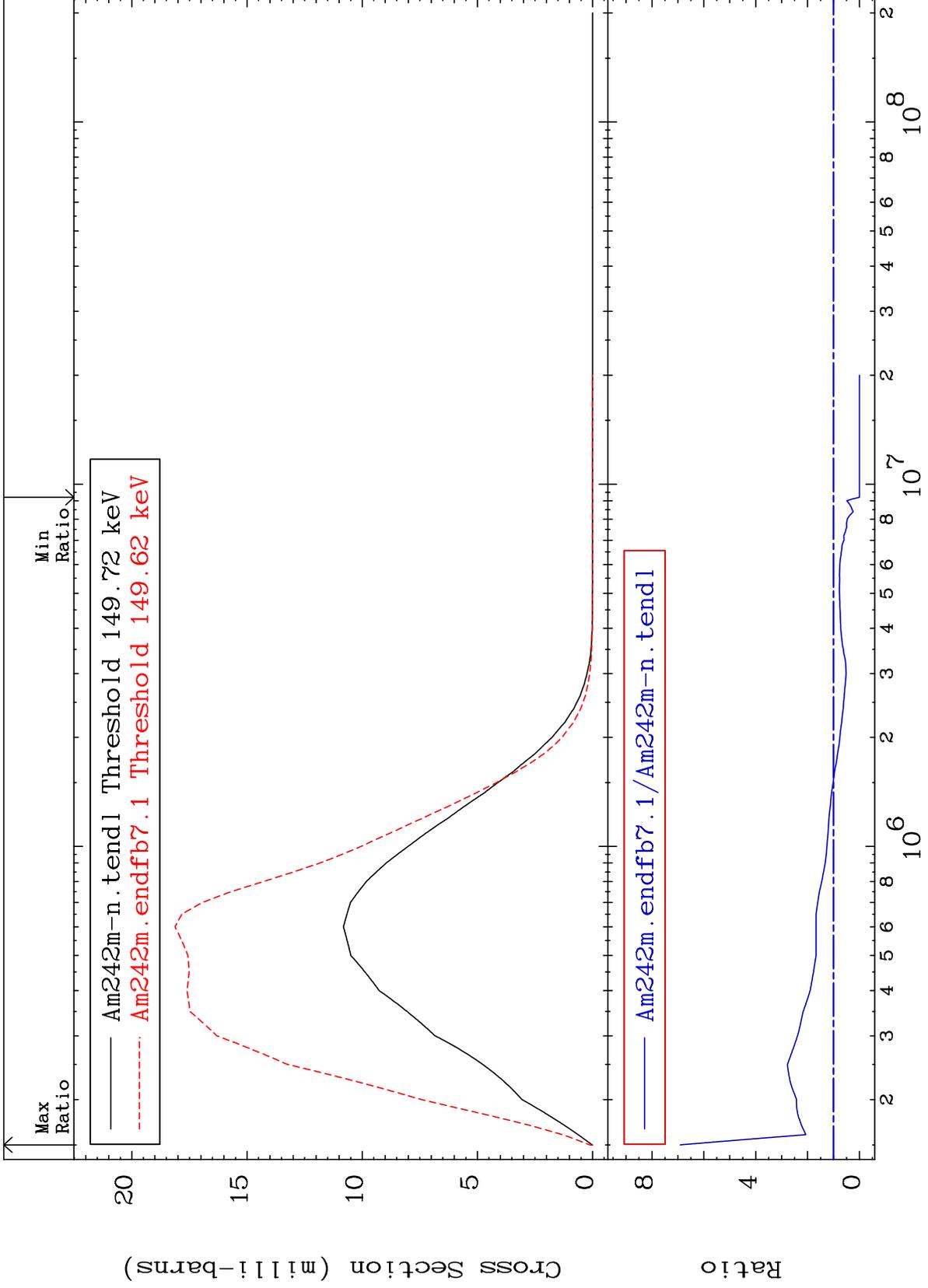
MAT 9547 190.0 keV (n,n') Level 95-Am-242
 Cross Section 71.95 To 9999. %



MAT 9547

197.7 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 590.9 %



17

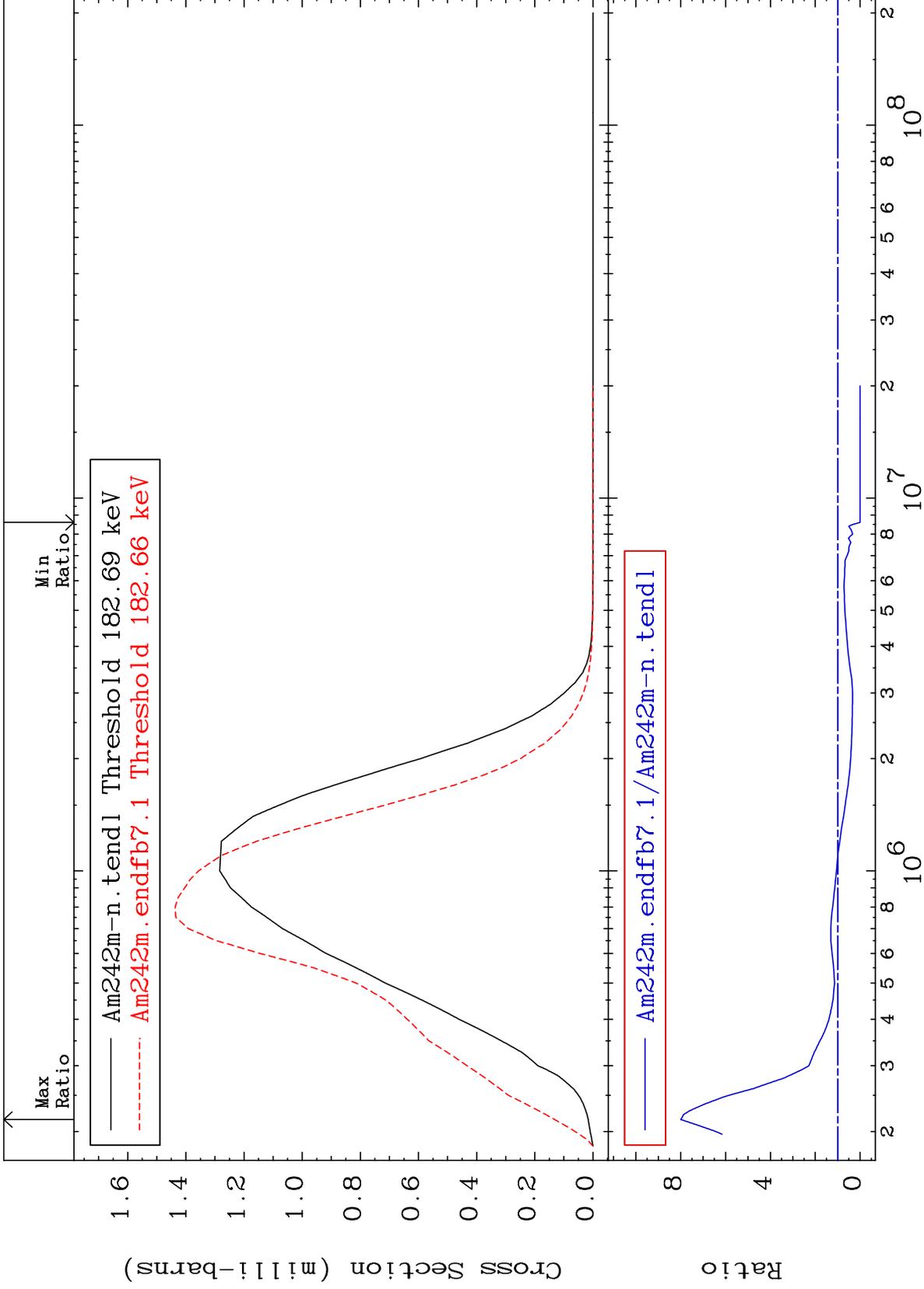
Incident Energy (eV)

95-Am-242

MAT 9547

230.5 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 699.8 %



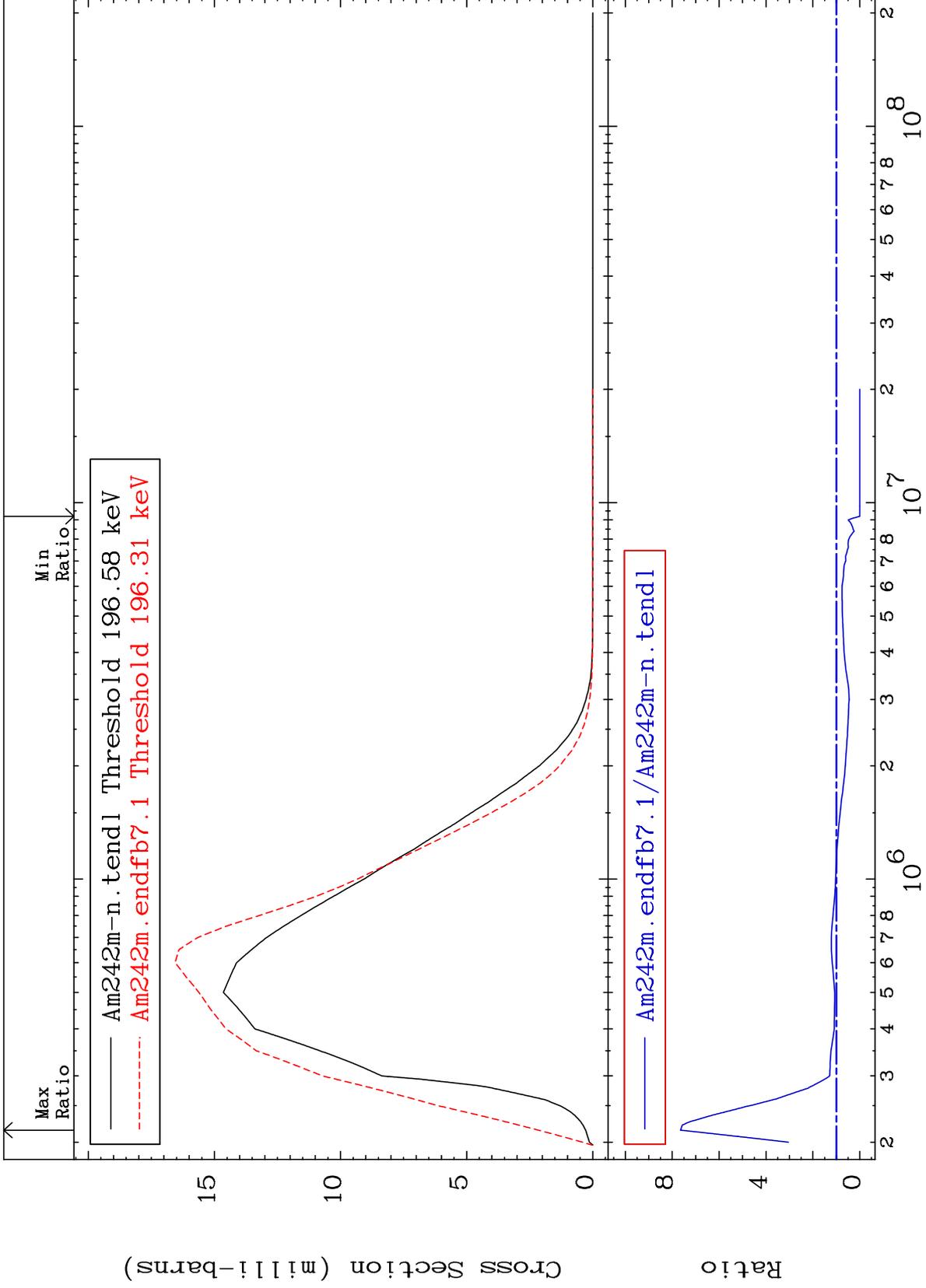
18

95-Am-242

MAT 9547

244.4 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 664.6 %



19

95-Am-242

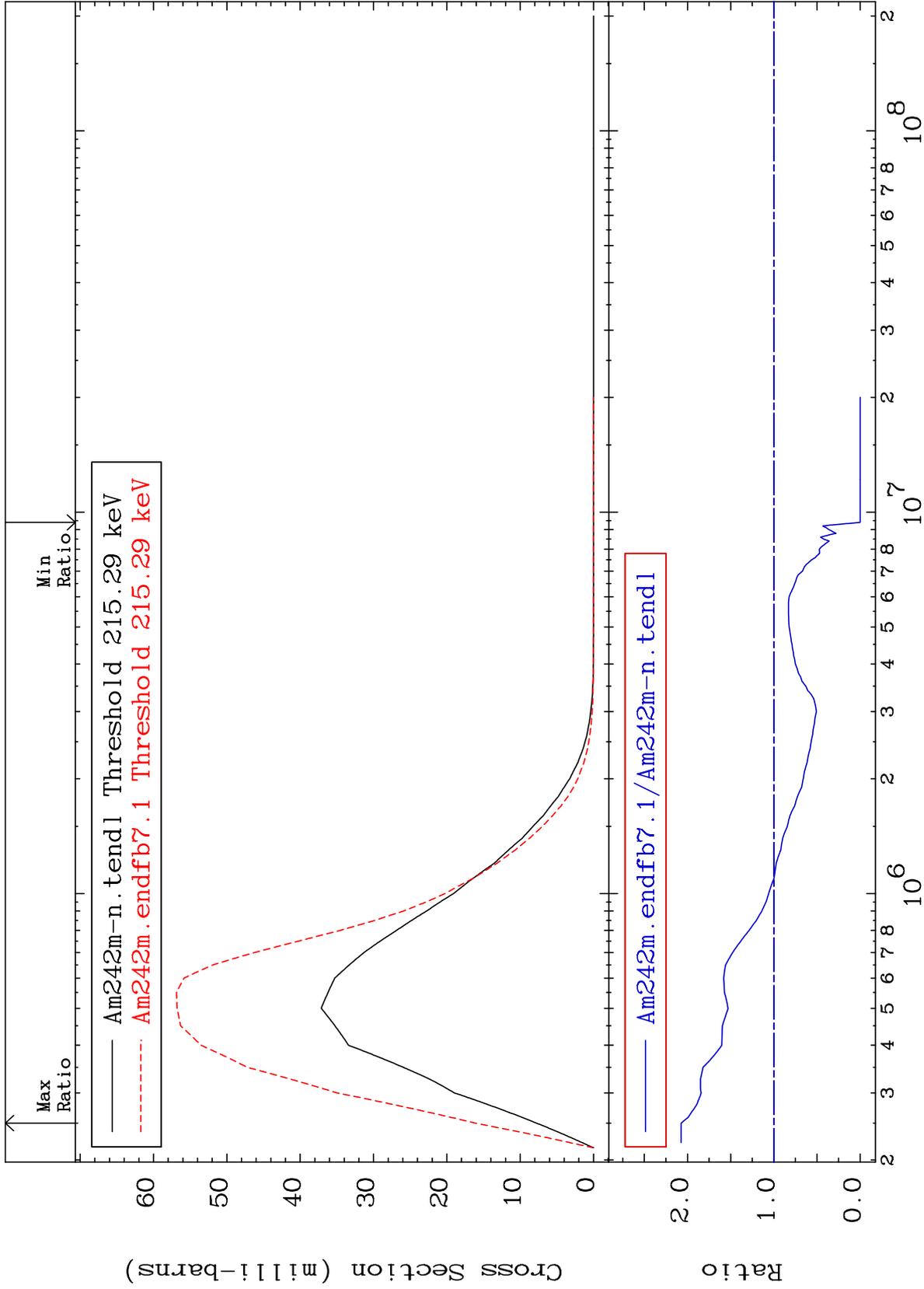
MAT 9547

263.0 keV (n,n') Level

95-Am-242

-100.0 To 107.3 %

Cross Section



20

Incident Energy (eV)

95-Am-242

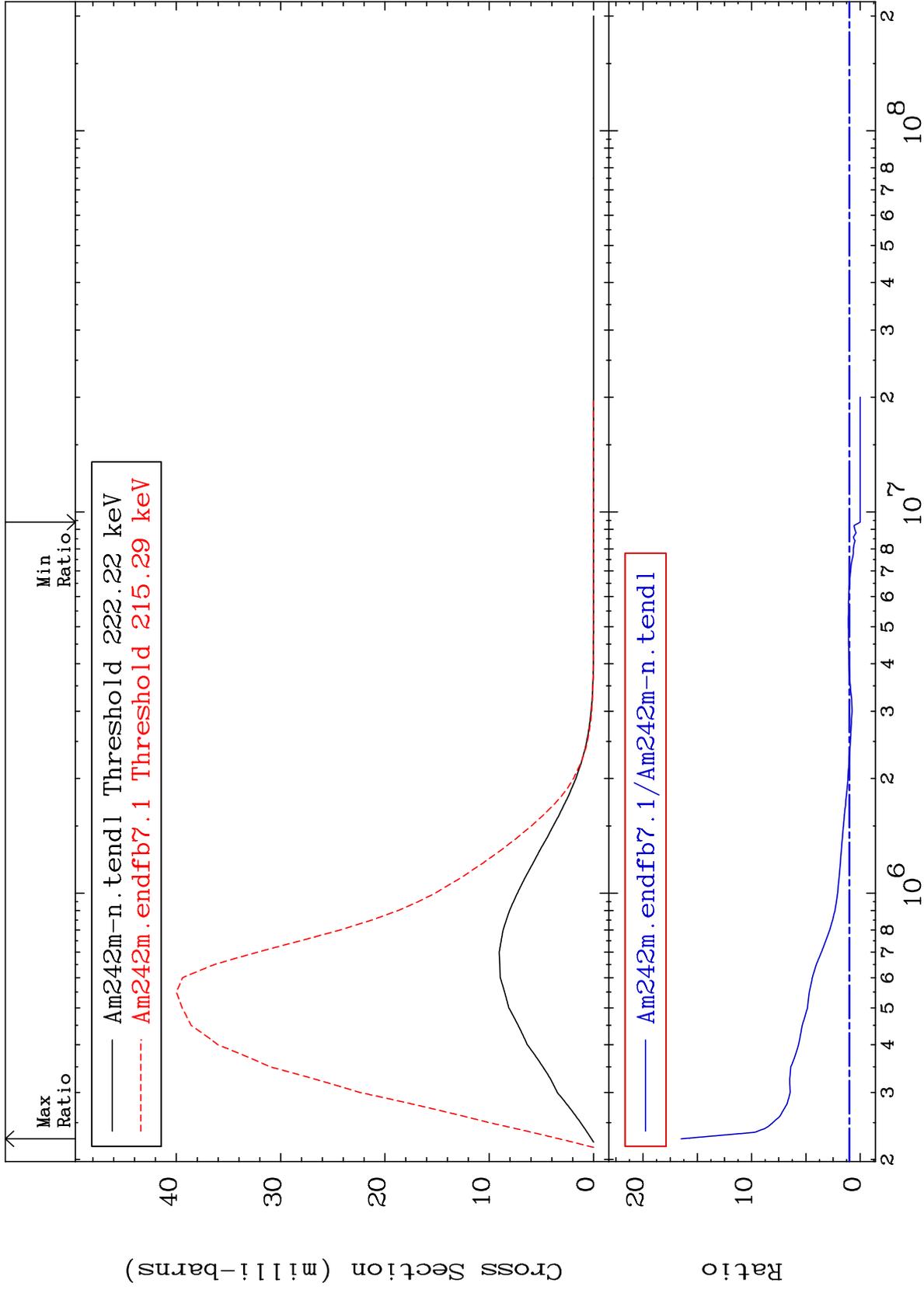
MAT 9547

269.9 keV (n,n') Level

95-Am-242

-100.0 To 1549. %

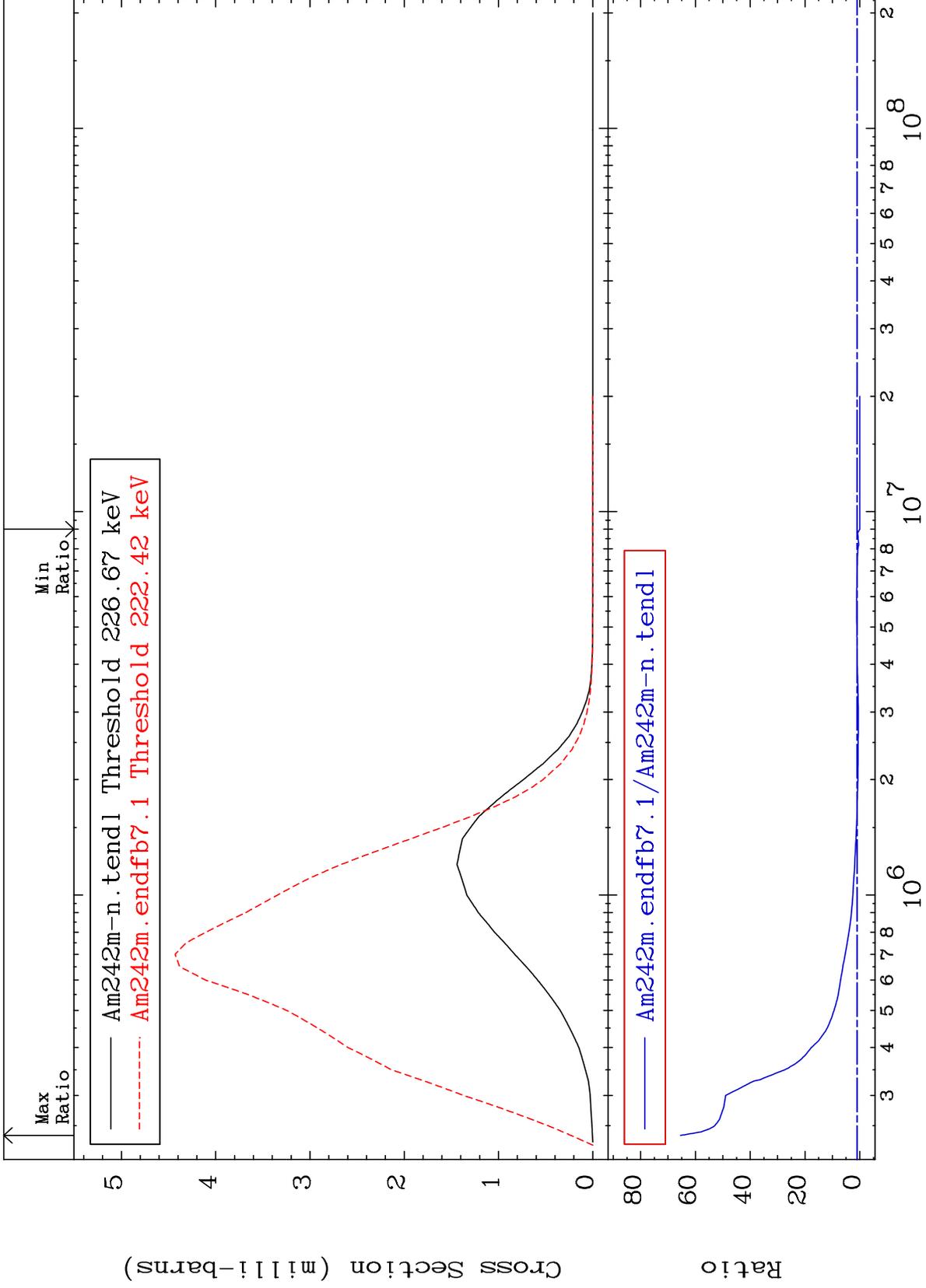
Cross Section



MAT 9547

274.3 keV (n,n') Level
Cross Section

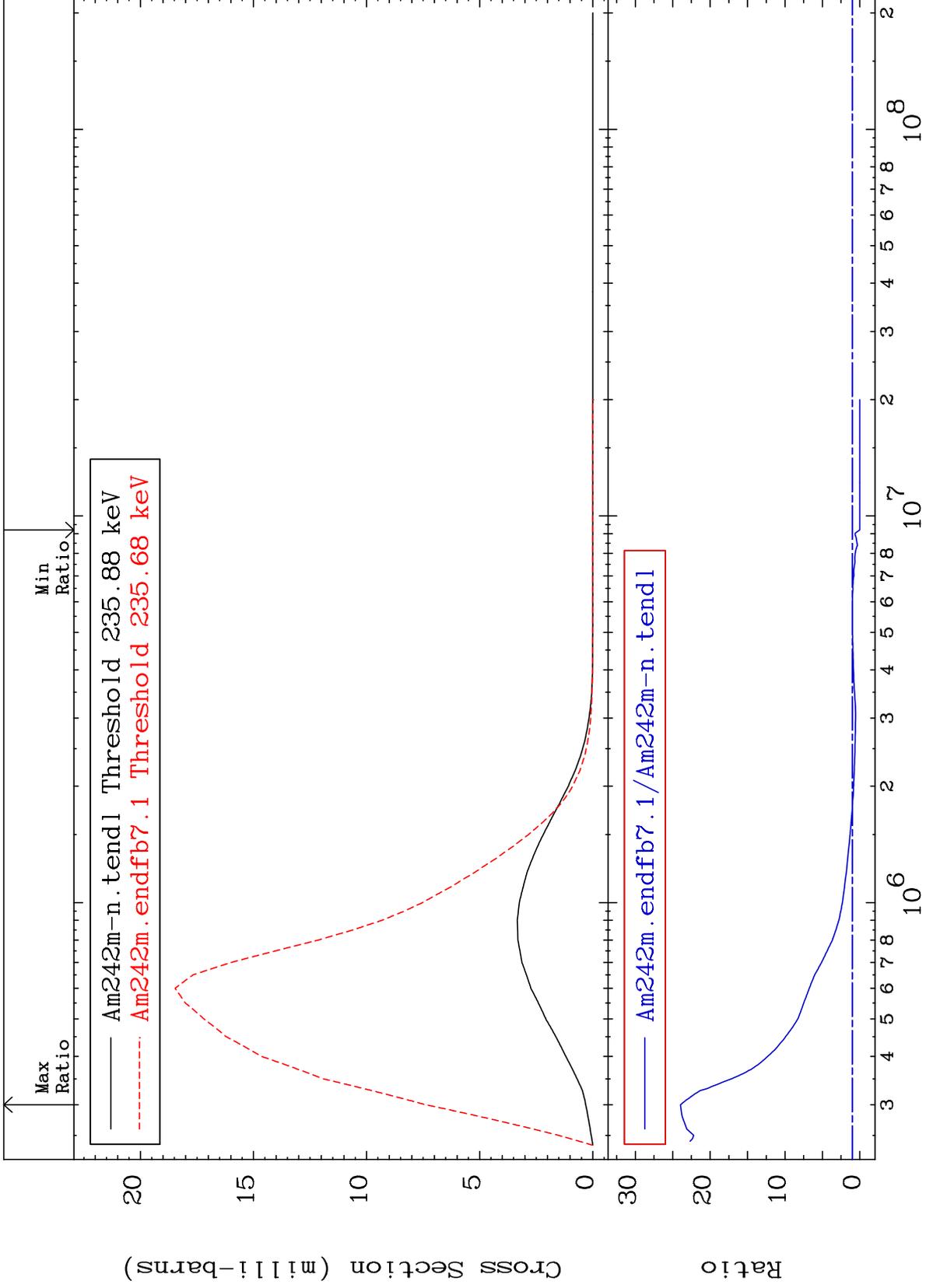
95-Am-242
-100.0 To 6445. %



MAT 9547

283.5 keV (n,n') Level
Cross Section

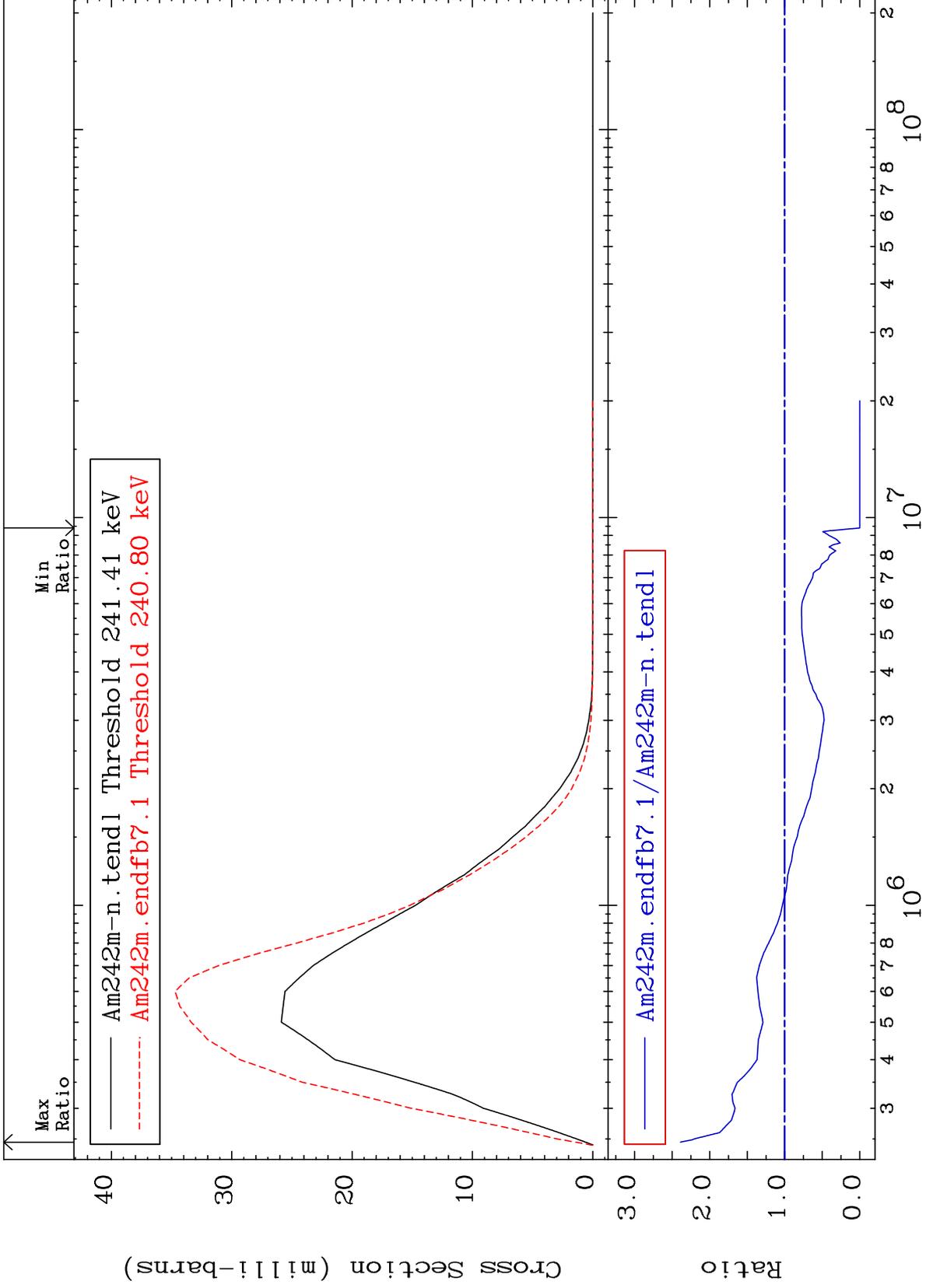
95-Am-242
-100.0 To 2296. %



MAT 9547

289.0 keV (n,n') Level
Cross Section

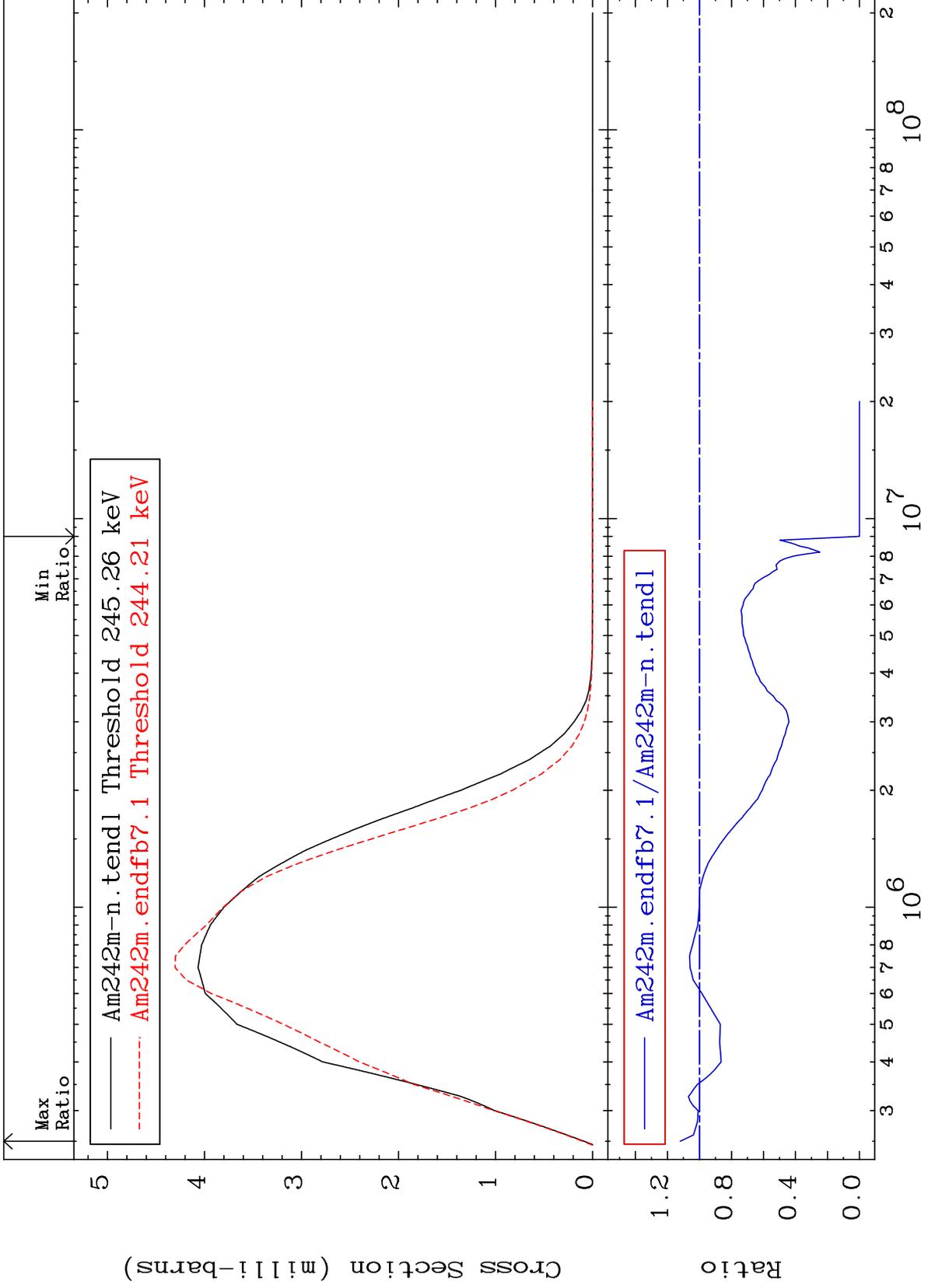
95-Am-242
-100.0 To 138.8 %



MAT 9547

292.8 keV (n,n') Level
Cross Section

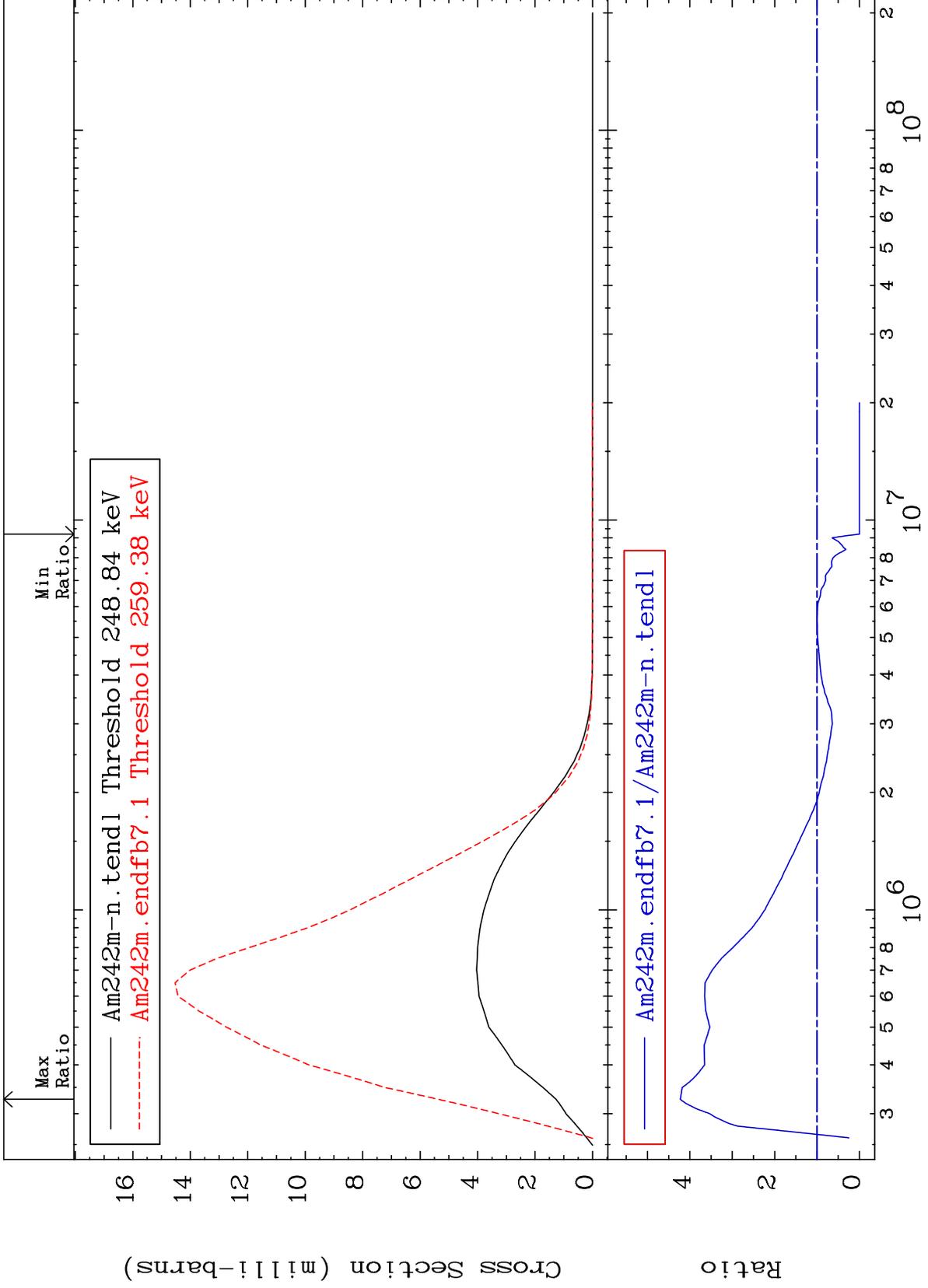
95-Am-242
-100.0 To 11.99 %



MAT 9547

296.4 keV (n,n') Level
Cross Section

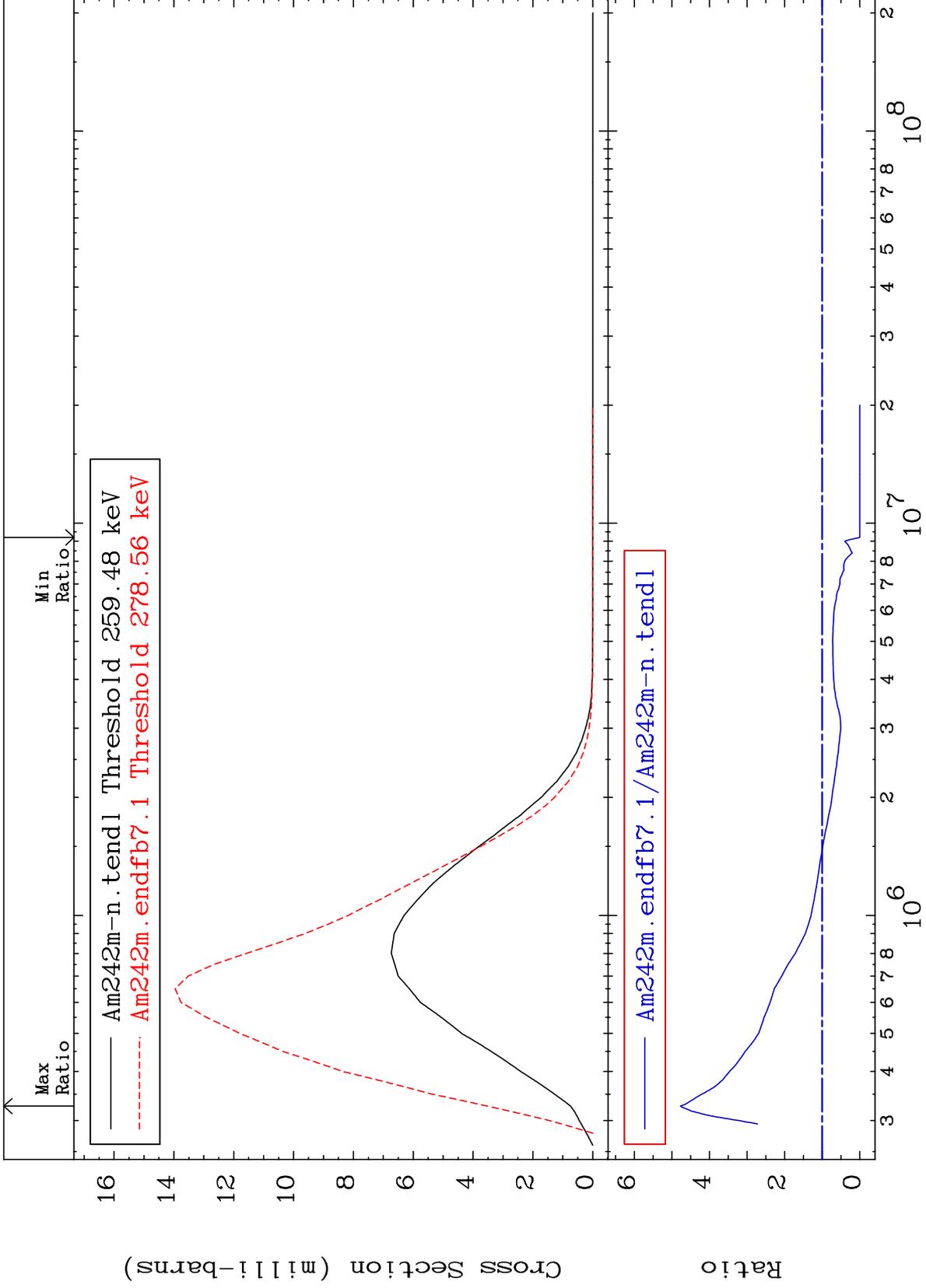
95-Am-242
-100.0 To 322.6 %



MAT 9547

307.0 keV (n,n') Level
Cross Section

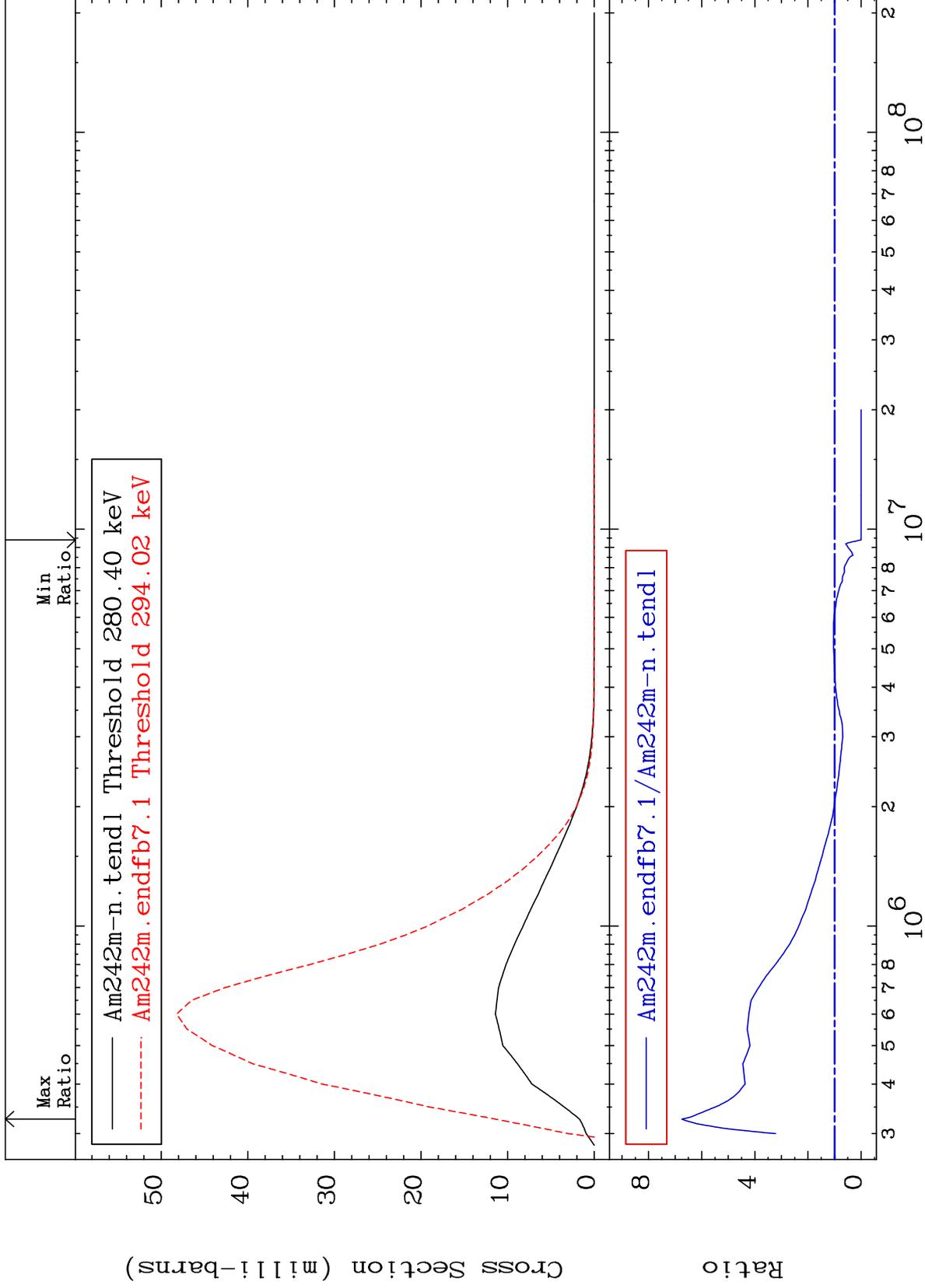
95-Am-242
-100.0 To 377.3 %



MAT 9547

327.8 keV (n,n') Level
Cross Section

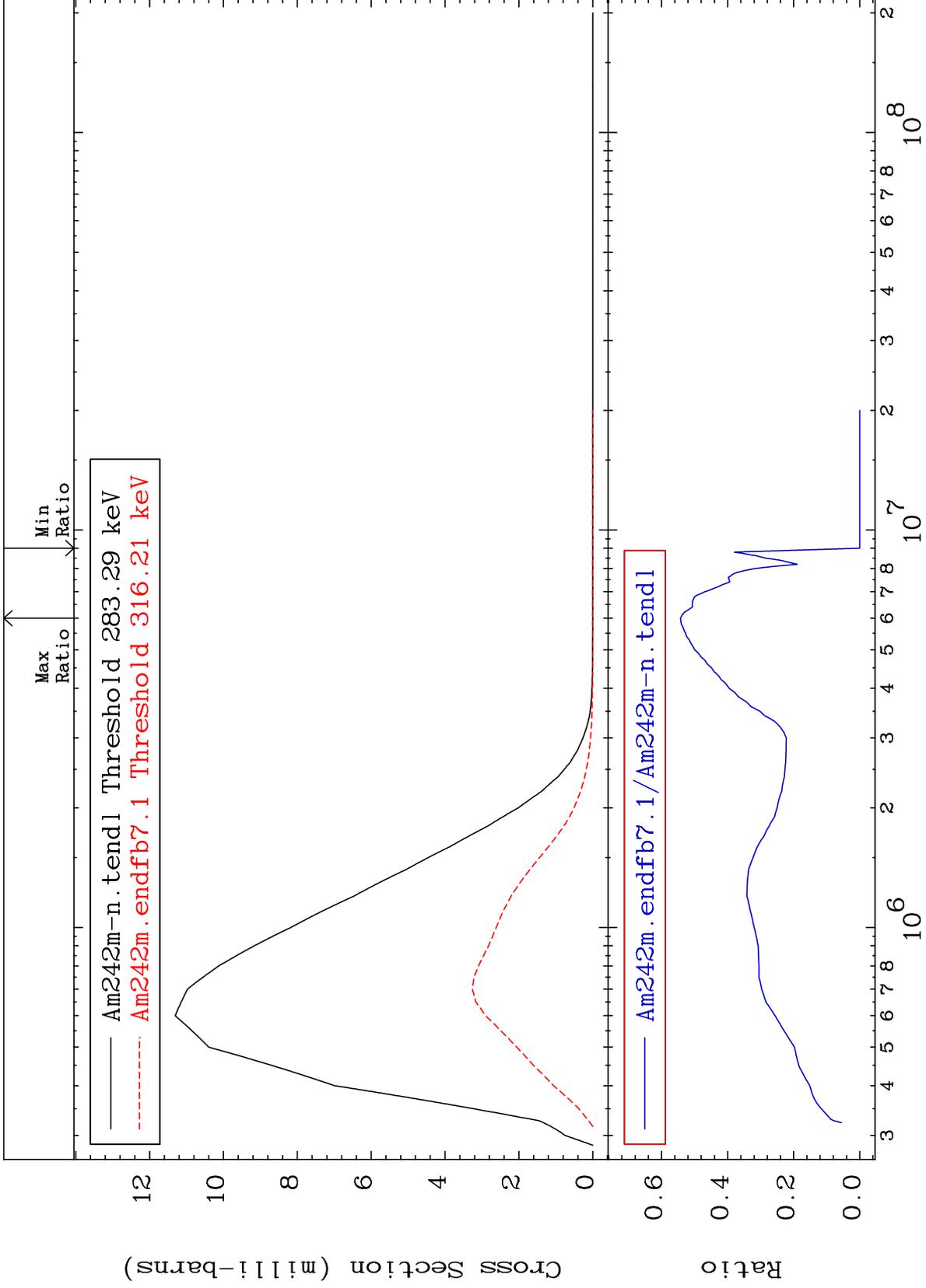
95-Am-242
-100.0 To 574.5 %



MAT 9547

330.7 keV (n,n') Level
Cross Section

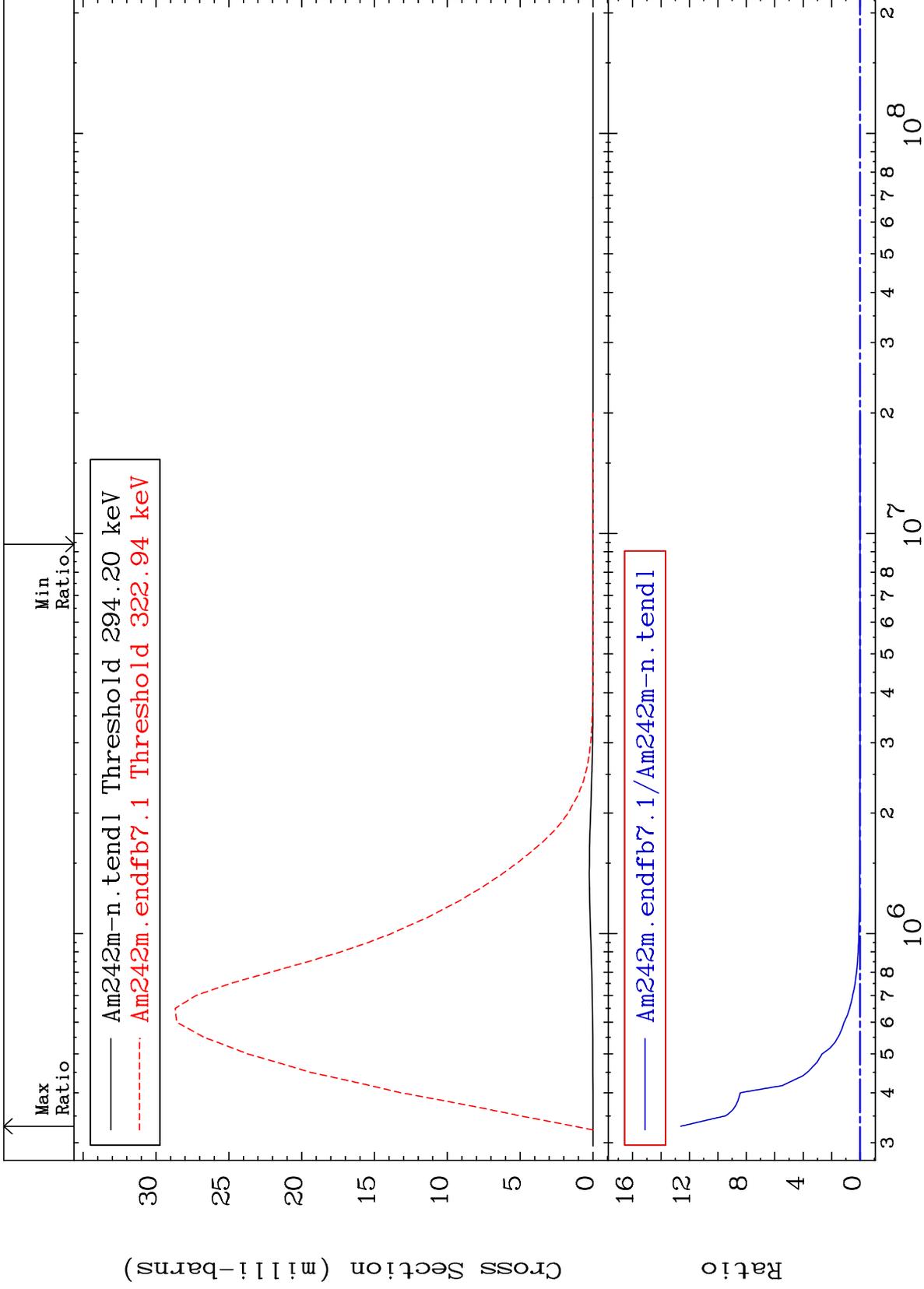
95-Am-242
-100.0 To -45.74%



MAT 9547

341.6 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To 9999. %



30

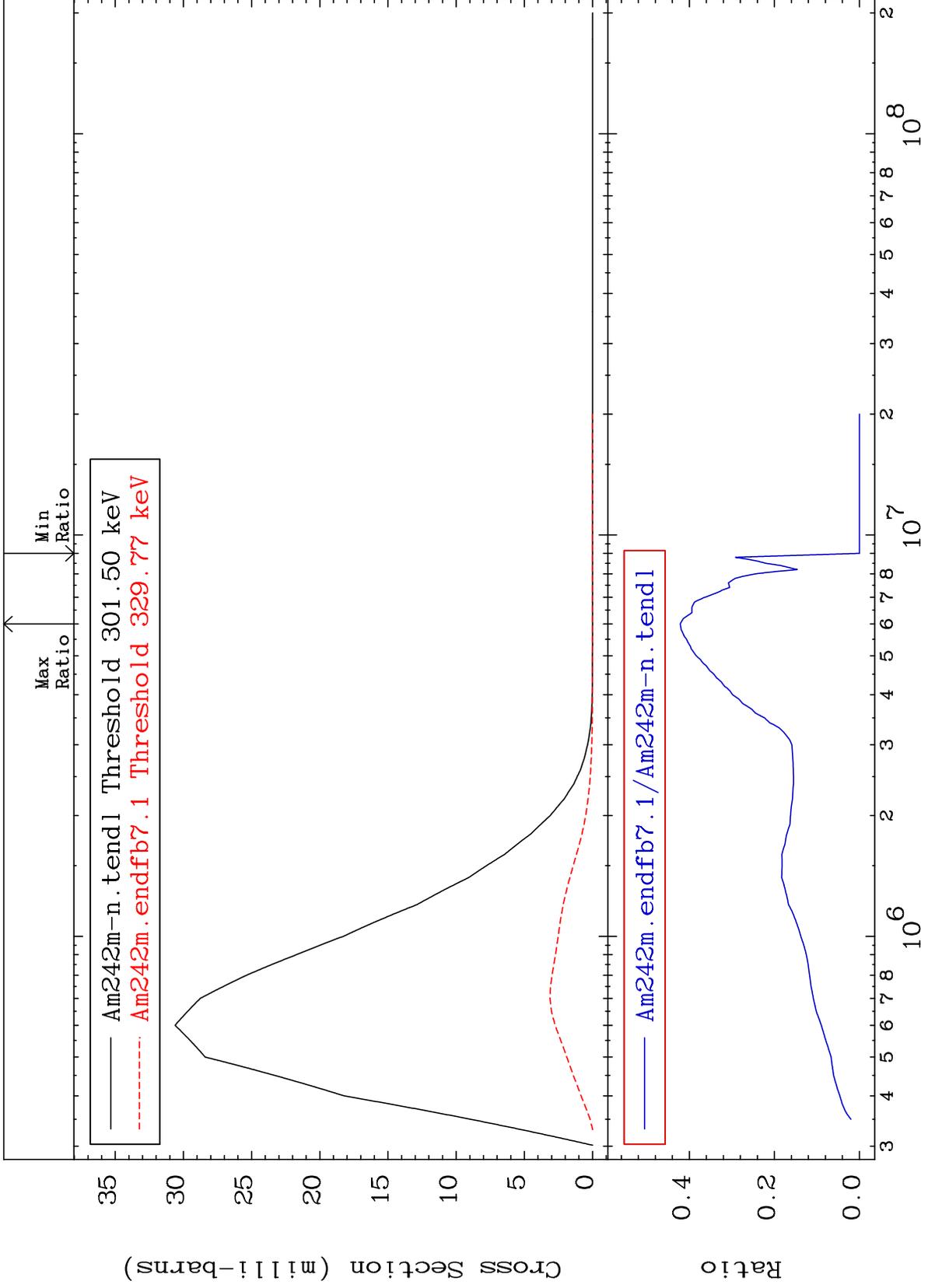
Incident Energy (eV)

95-Am-242

MAT 9547

348.8 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To -57.87%



31

Incident Energy (eV)

95-Am-242

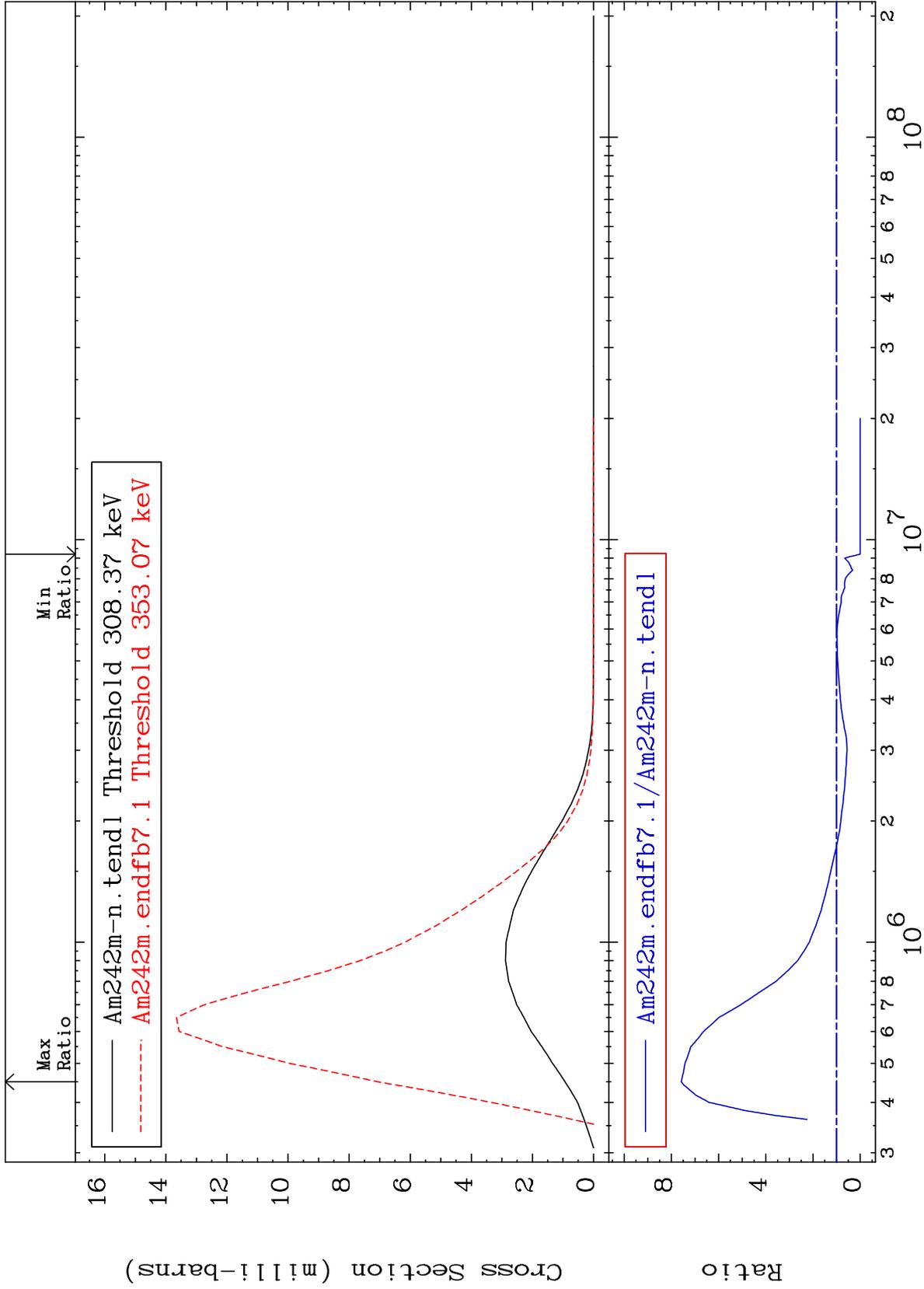
MAT 9547

355.7 keV (n,n') Level

95-Am-242

-100.0 To 658.5 %

Cross Section



32

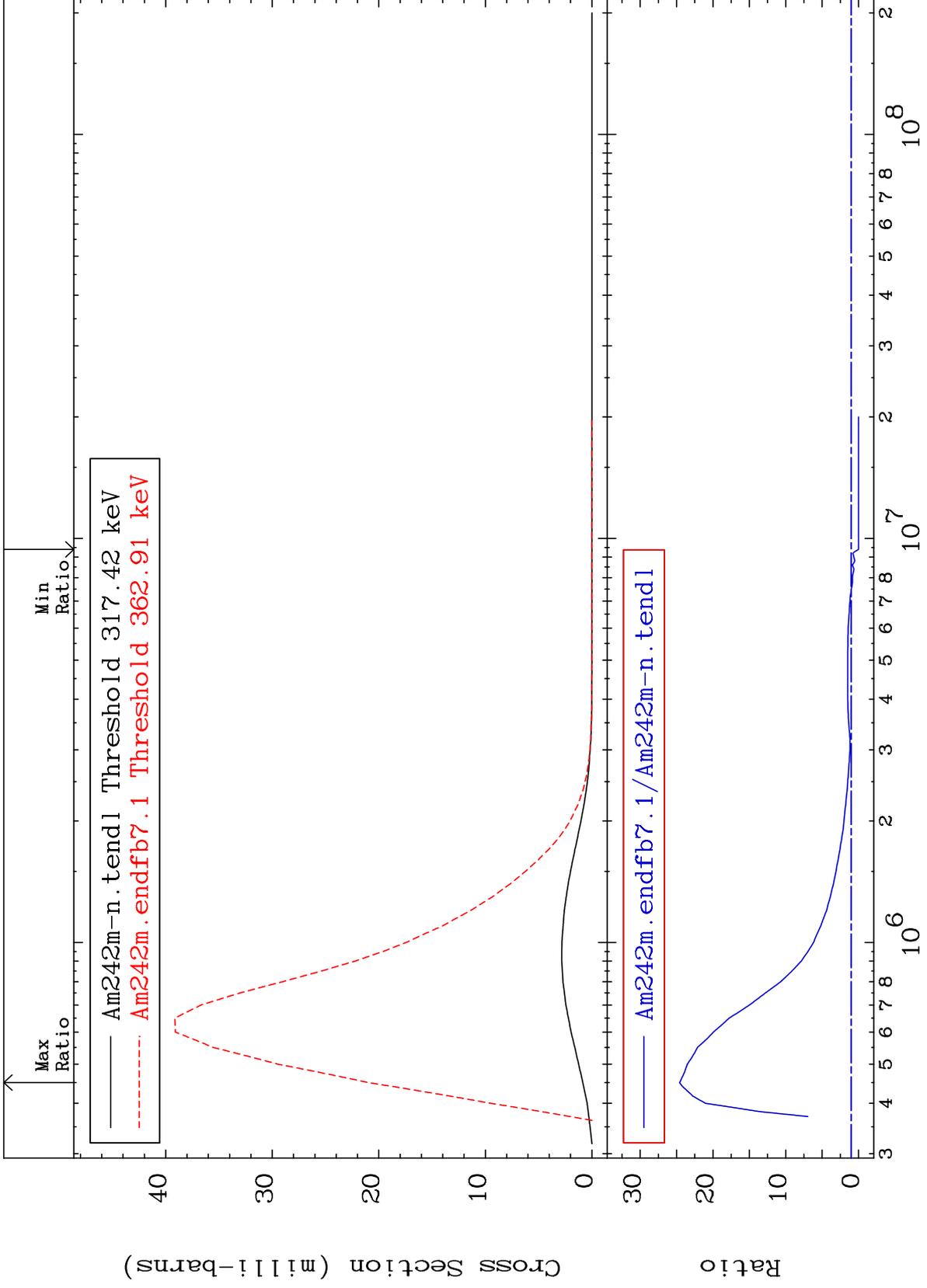
Incident Energy (eV)

95-Am-242

MAT 9547

364.7 keV (n,n') Level
Cross Section

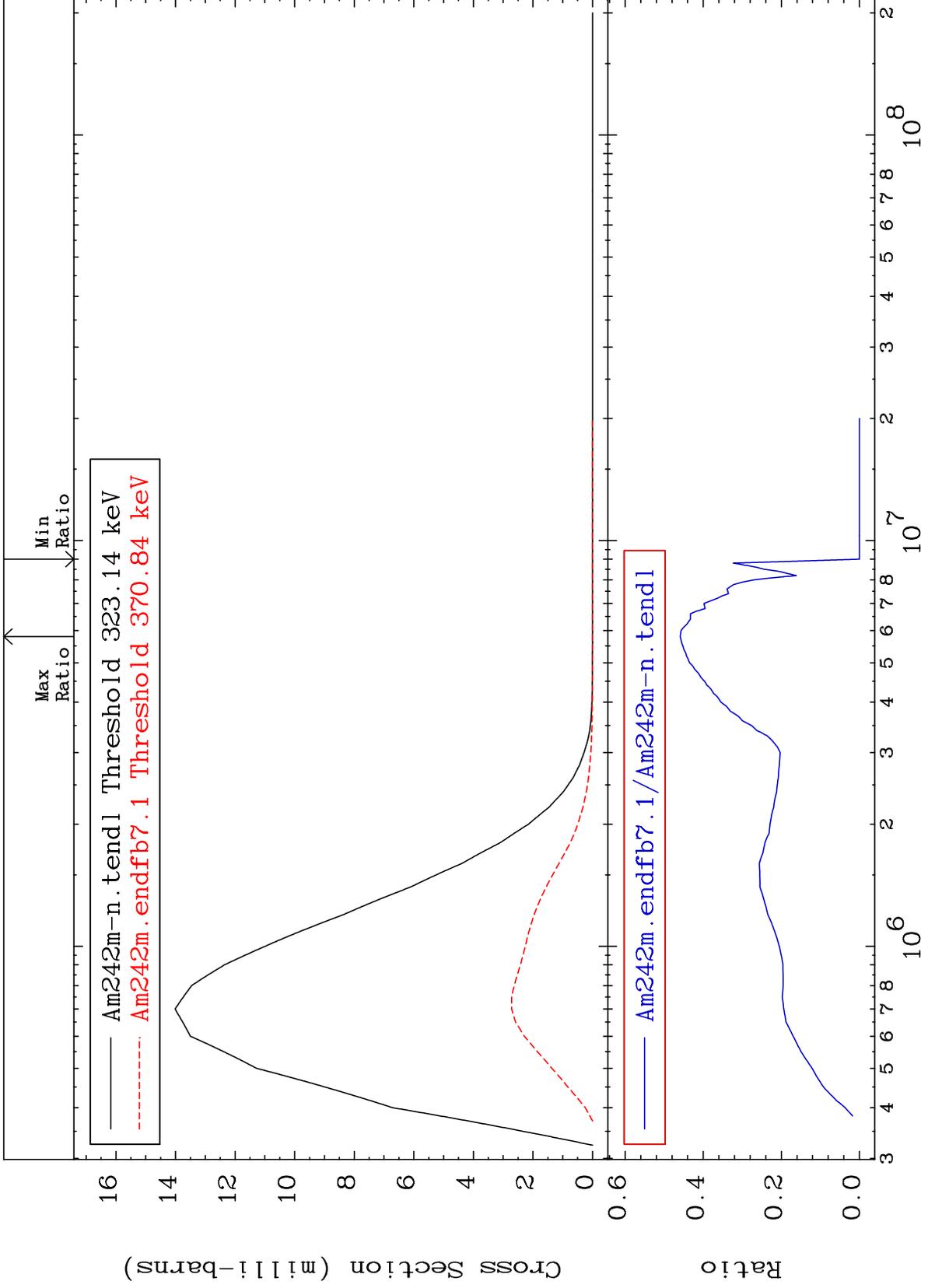
95-Am-242
-100.0 To 2359. %



MAT 9547

370.4 keV (n,n') Level
Cross Section

95-Am-242
-100.0 To -54.12%



34

Incident Energy (eV)

95-Am-242

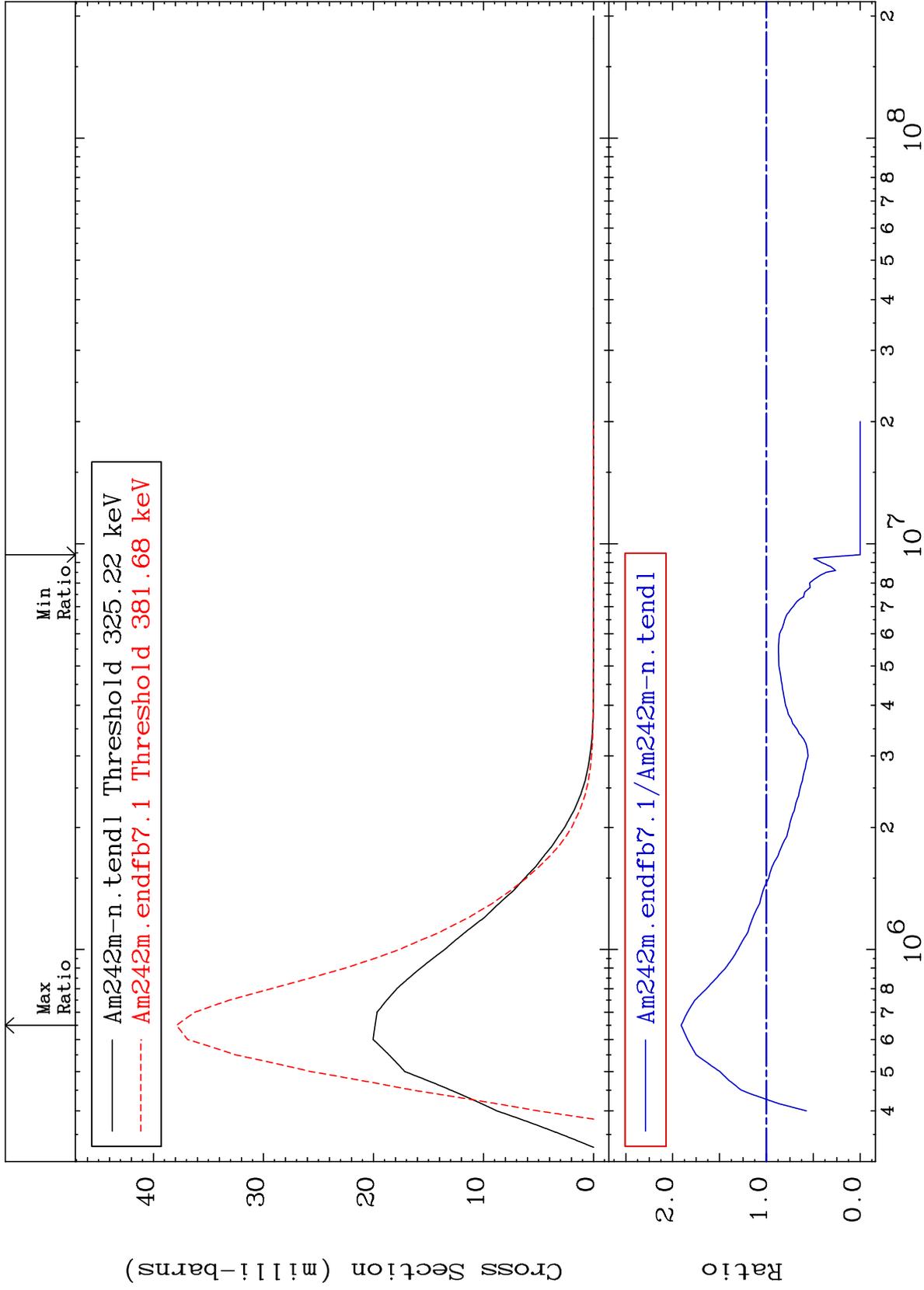
MAT 9547

372.5 keV (n,n') Level

95-Am-242

-100.0 To 90.93 %

Cross Section



35

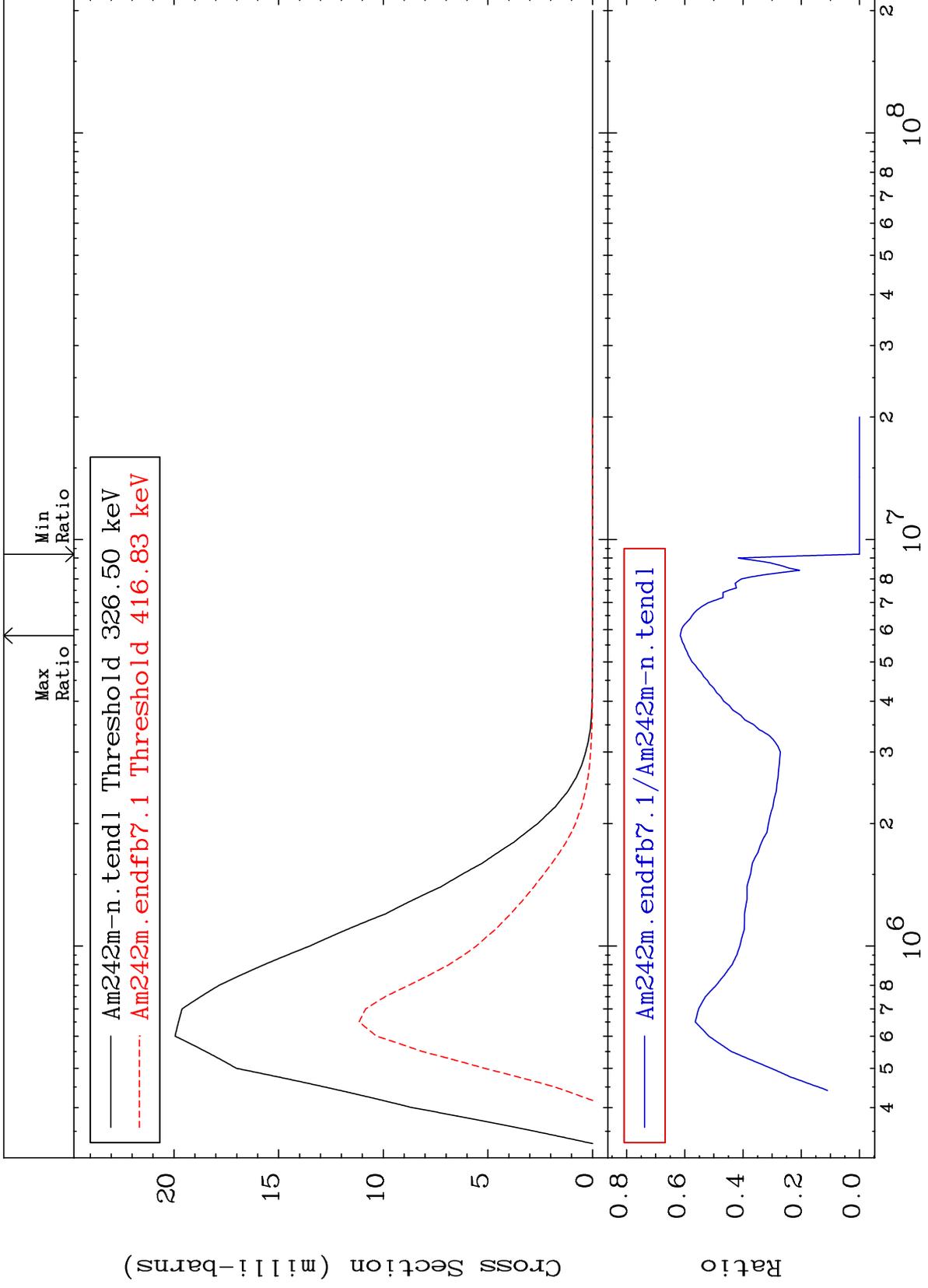
Incident Energy (eV)

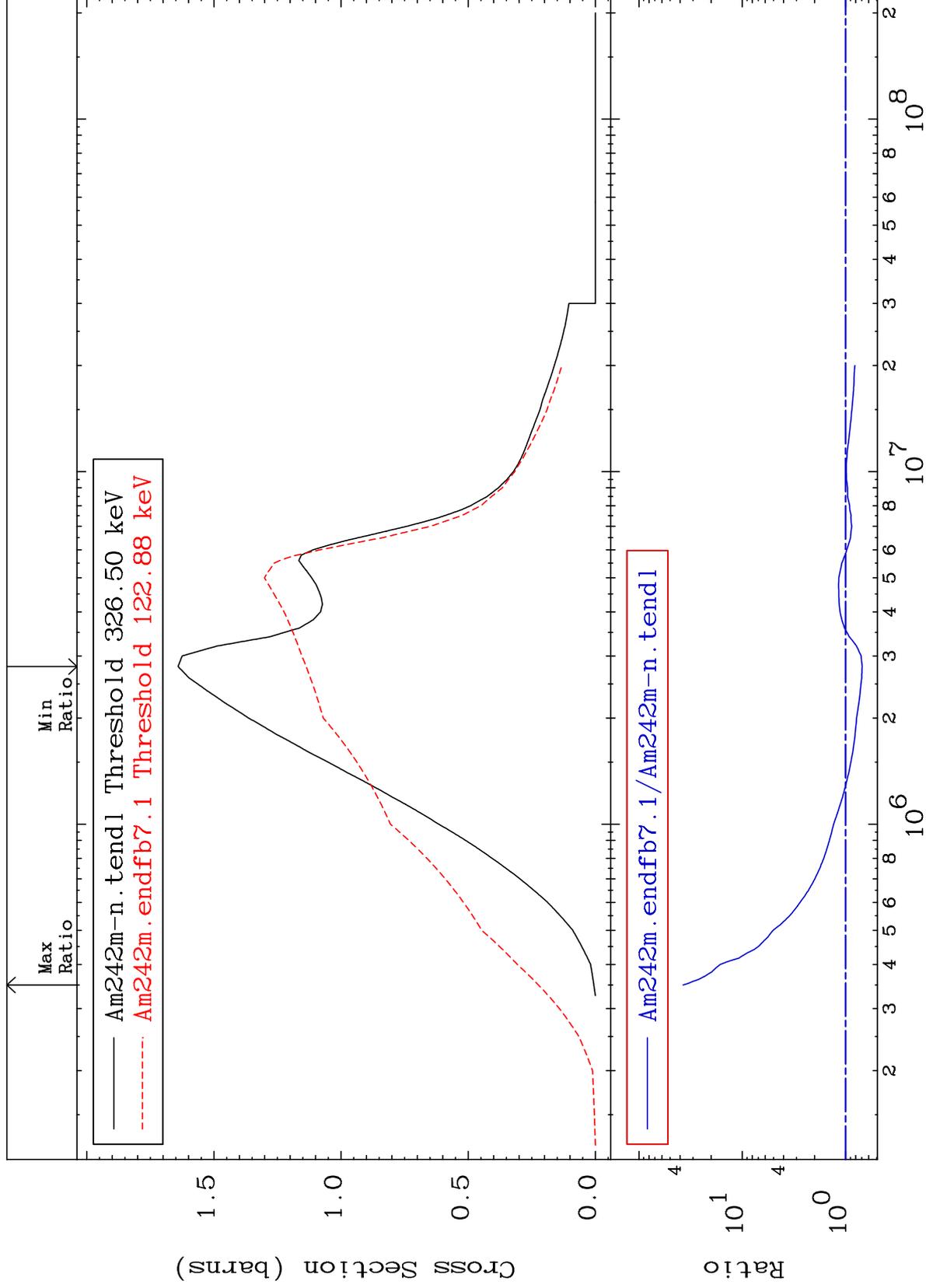
95-Am-242

MAT 9547

373.7 keV (n,n') Level
Cross Section

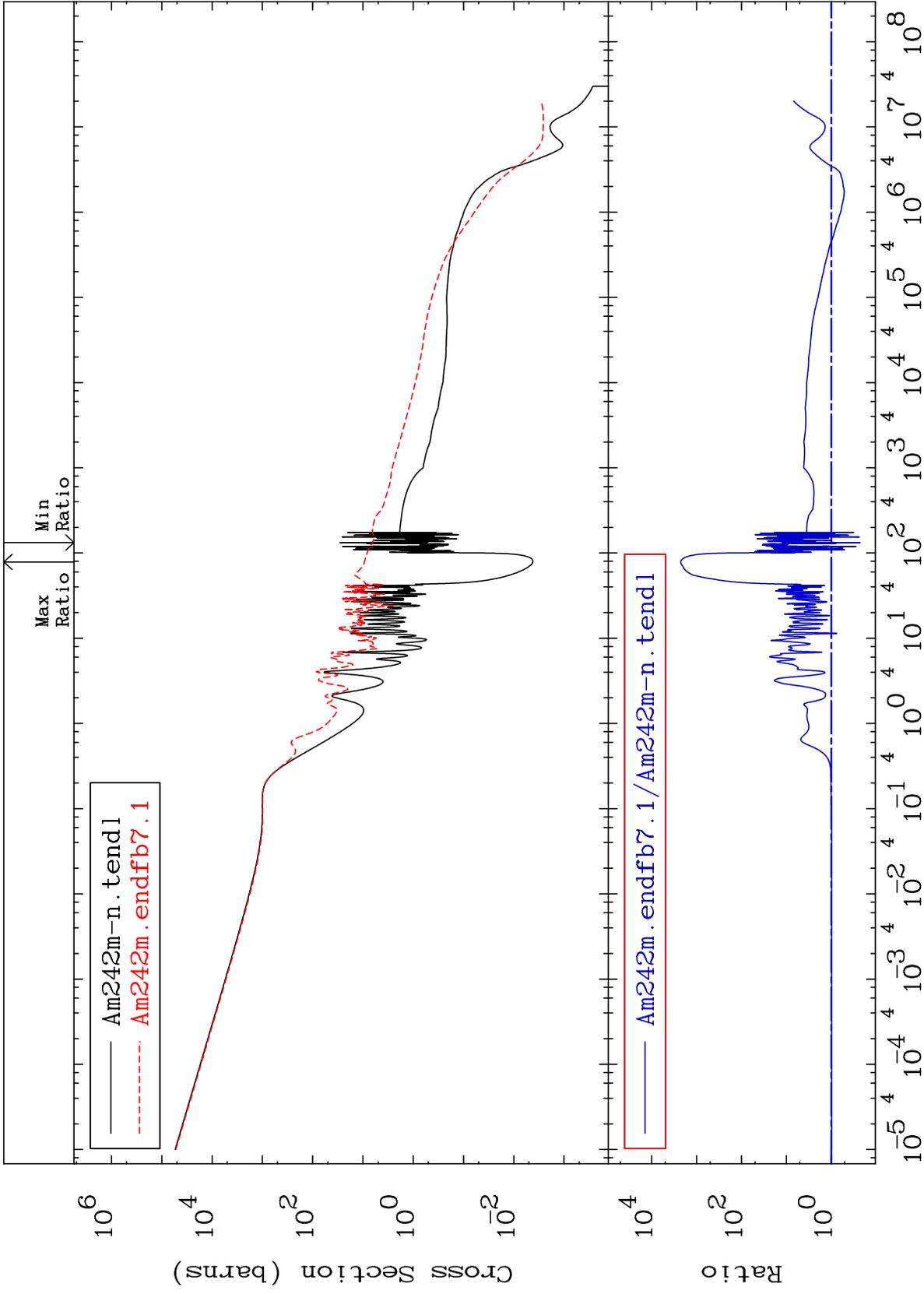
95-Am-242
-100.0 To -38.44%





MAT 9547

(n, γ)
Cross Section
-77.31 To 9999. %
95-Am-242



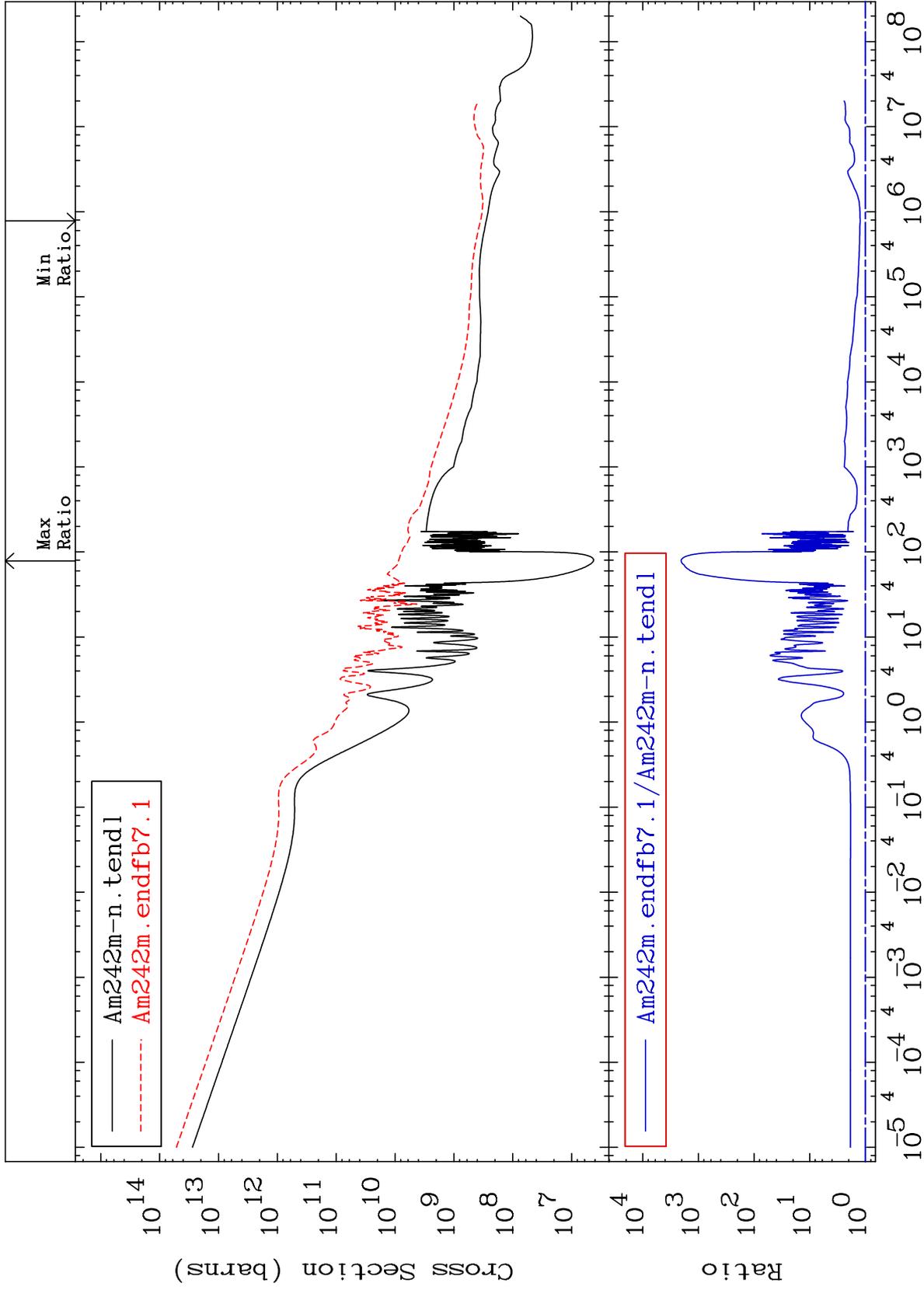
MAT 9547

Kerma total (eV-barns)

95-Am-242

Cross Section

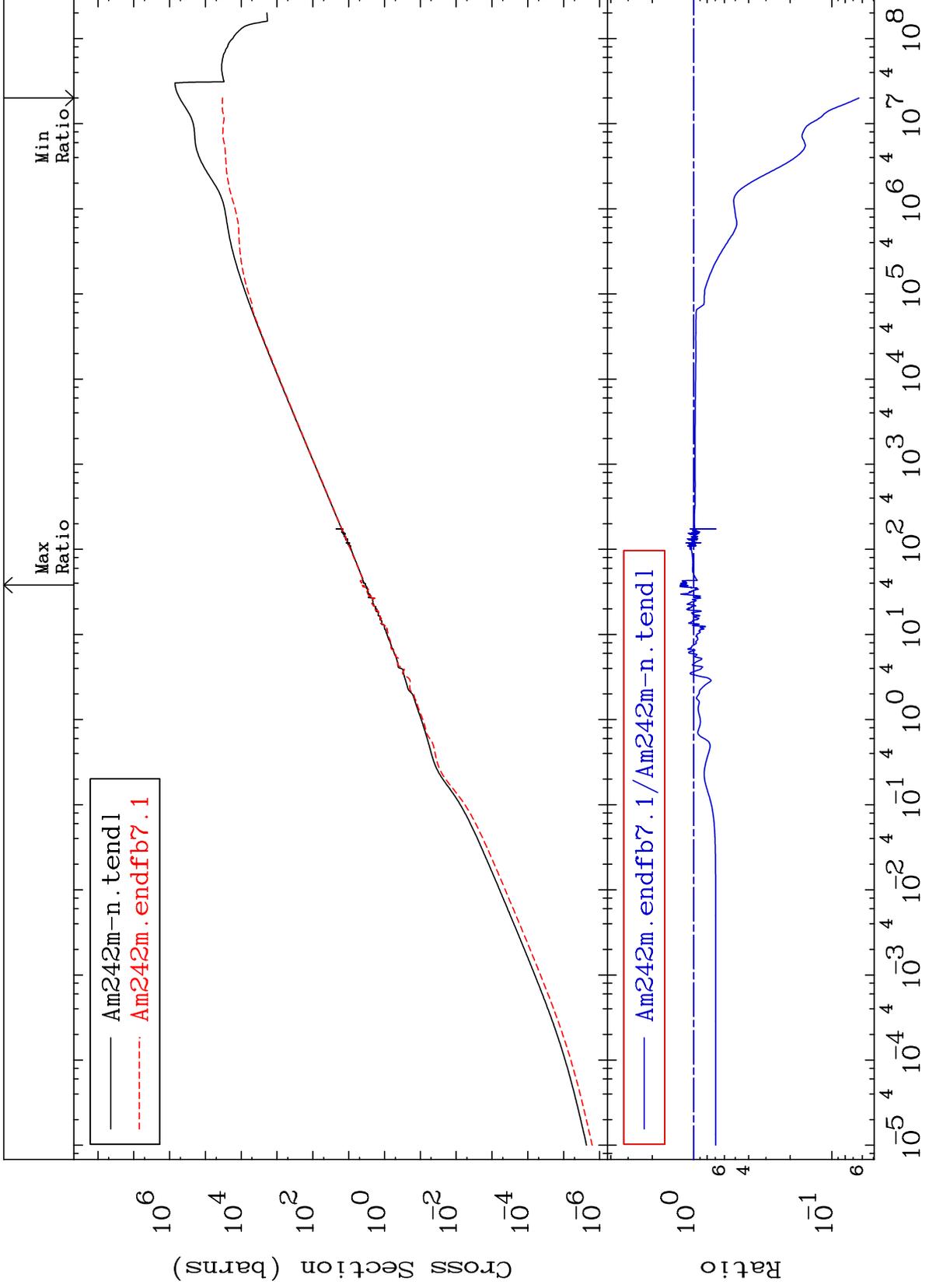
24.46 To 9999. %



MAT 9547

Kerma elastic
Cross Section

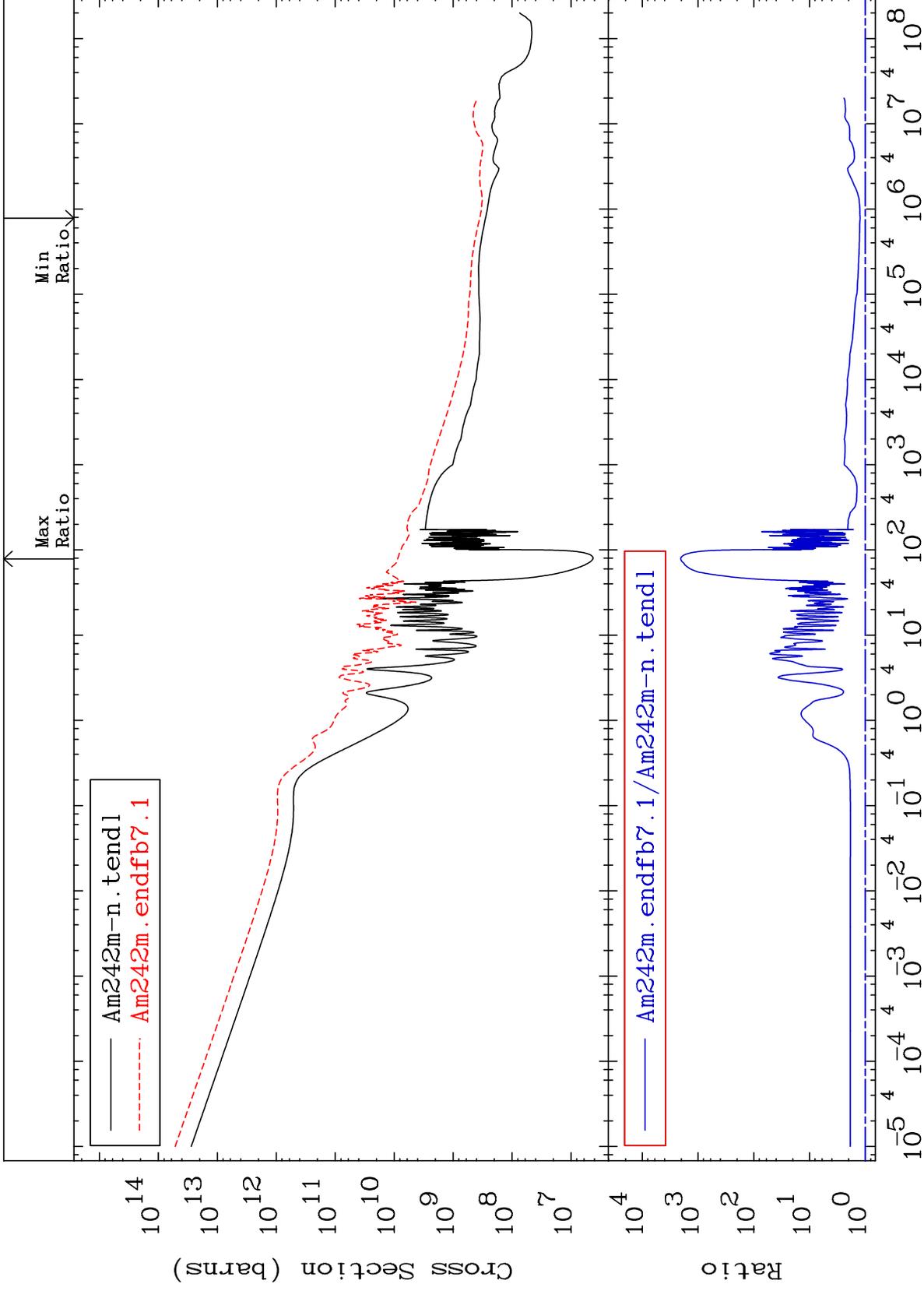
95-Am-242
-93.65 To 26.26 %

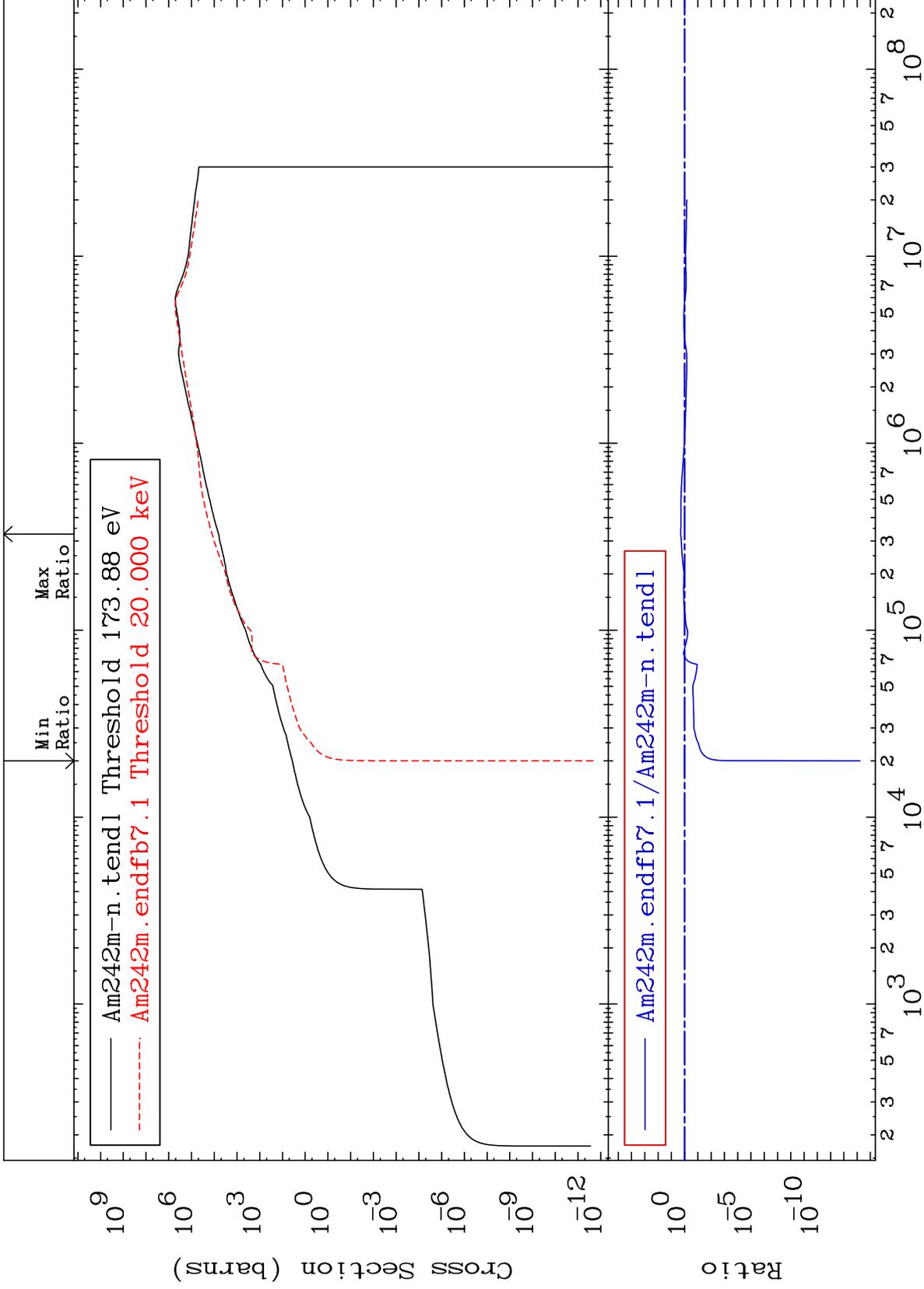


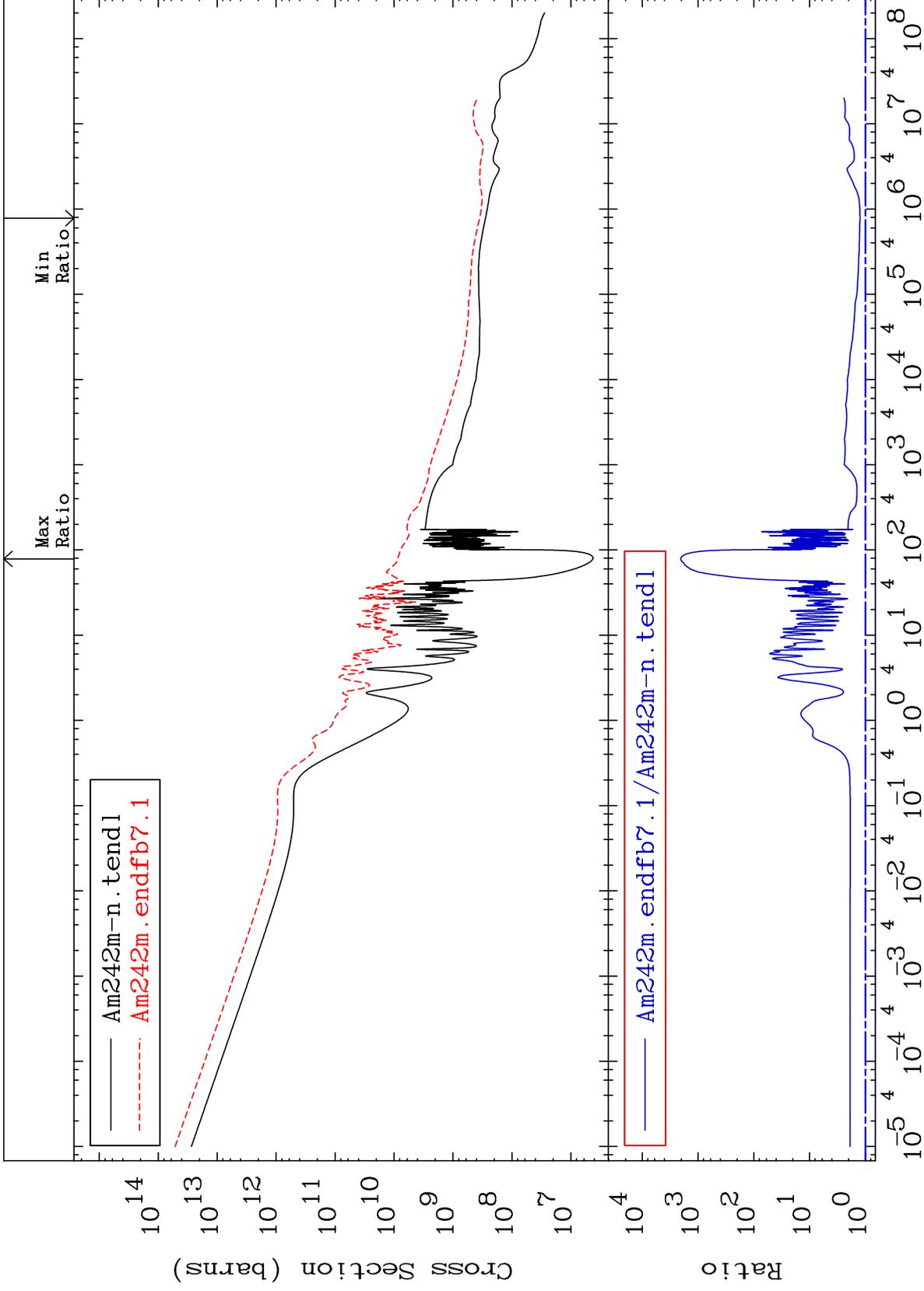
40

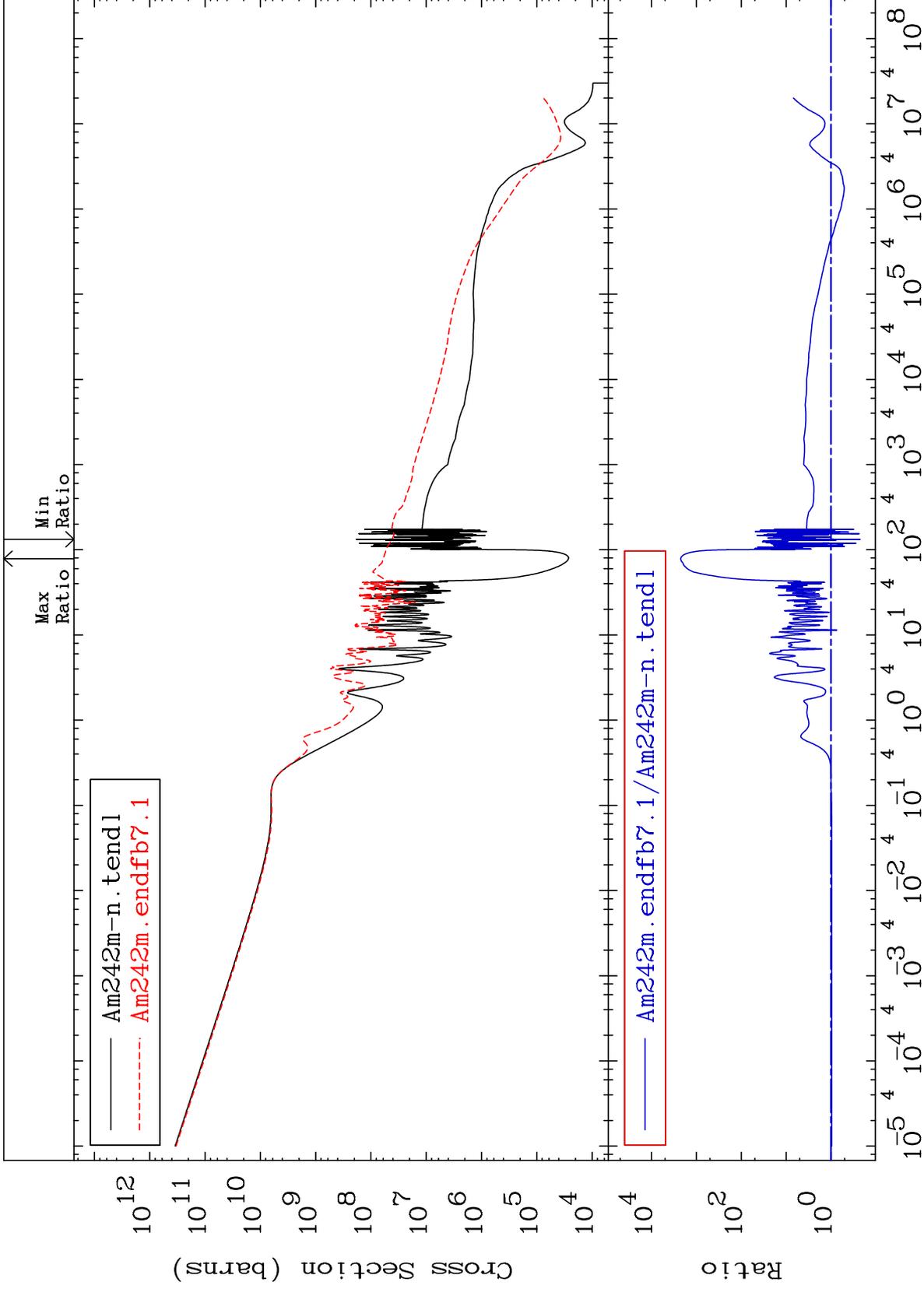
Incident Energy (eV)

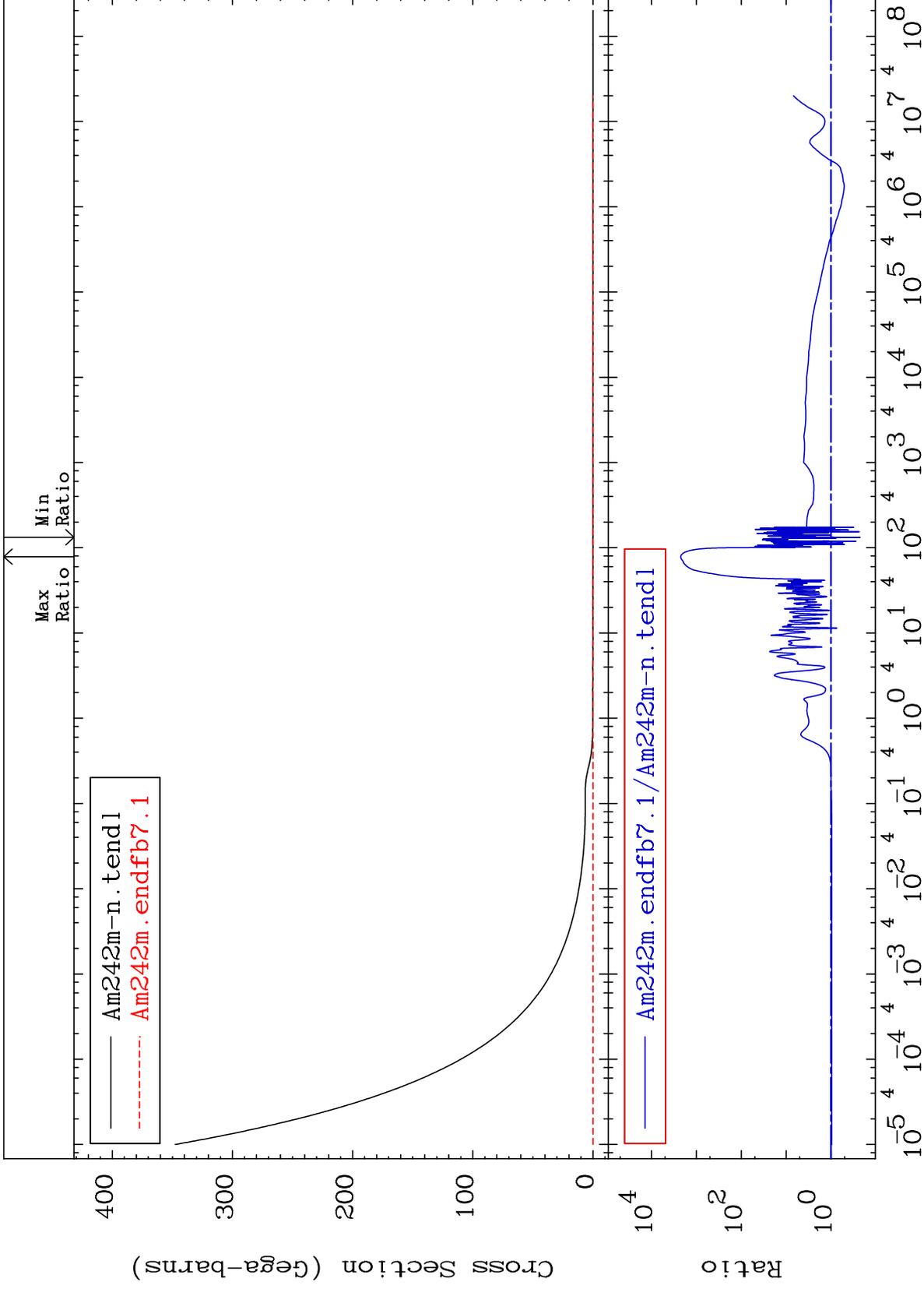
95-Am-242





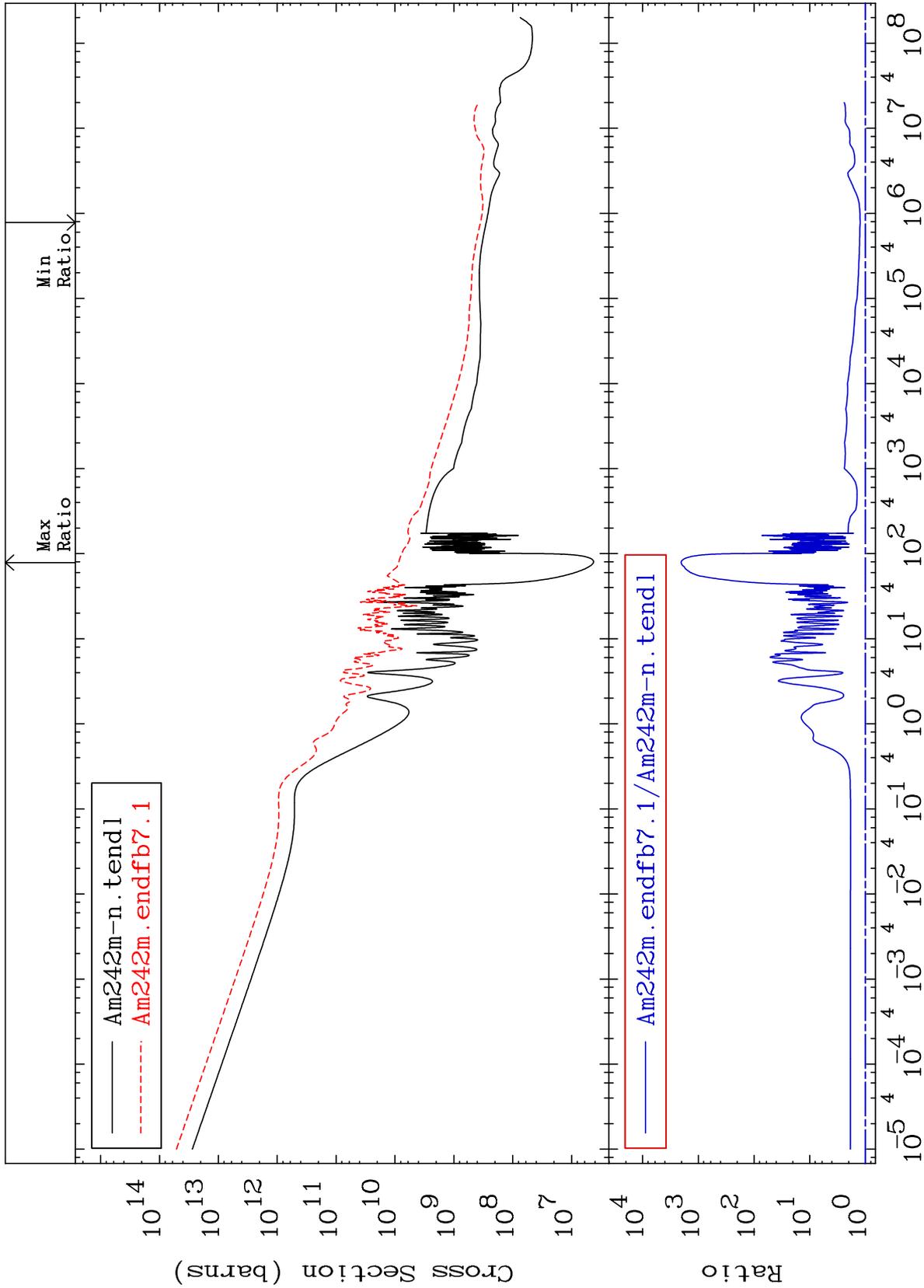






Cross Section

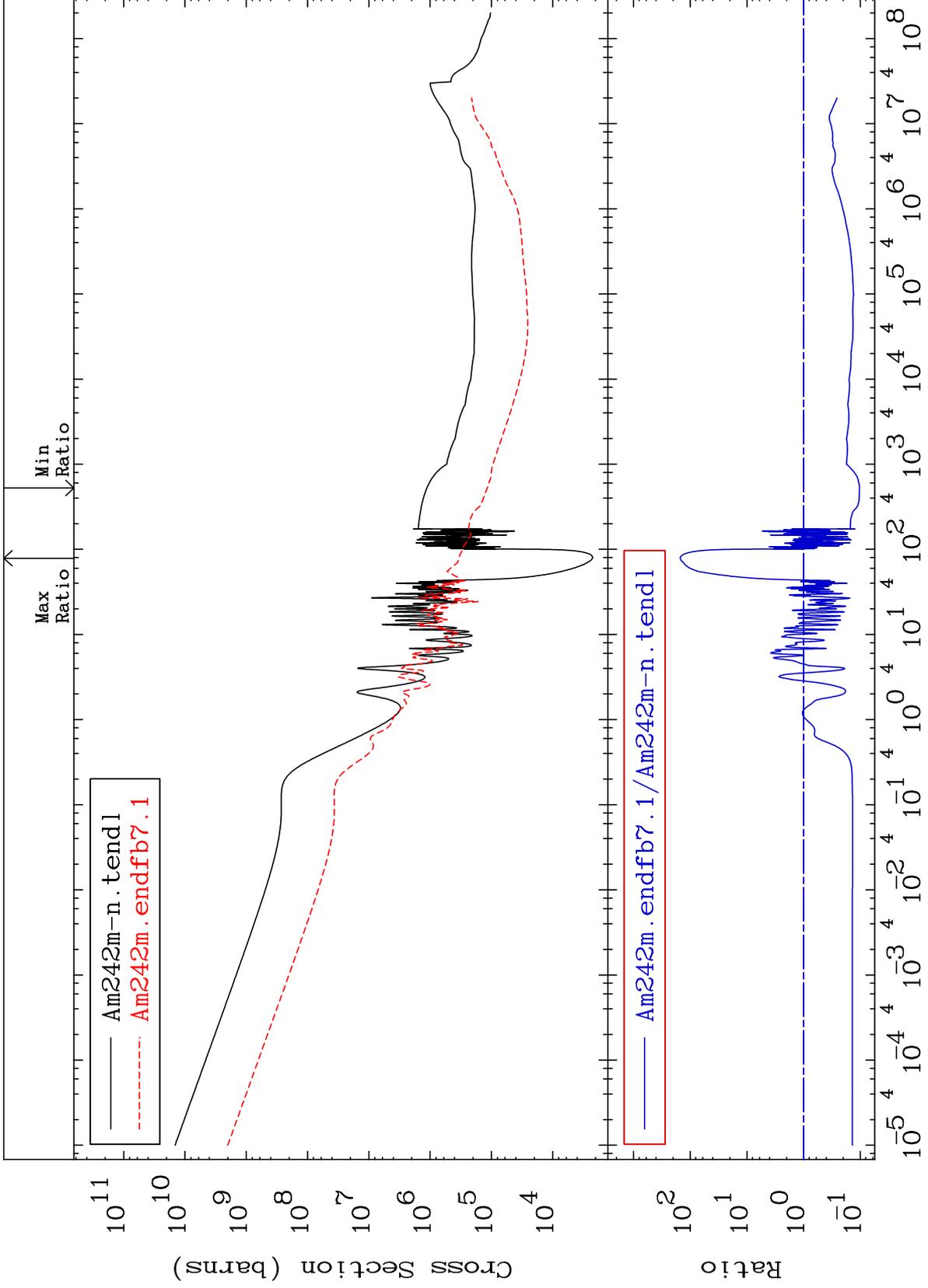
24.13 To 9999. %



MAT 9547

Dpa total (eV-barns)
Cross Section

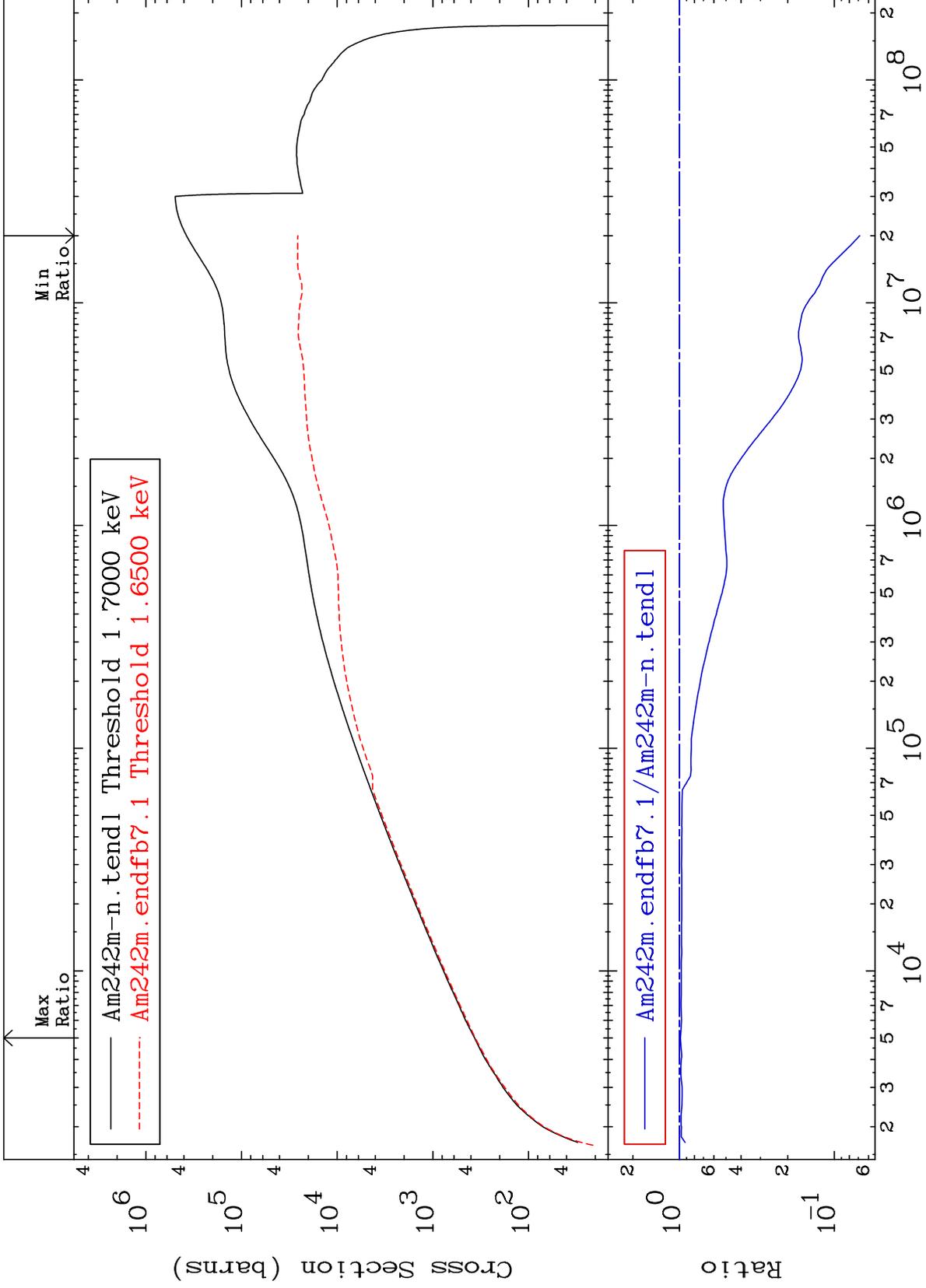
95-Am-242
-89.64 To 9999. %



MAT 9547

Dpa elastic (mt2)
Cross Section

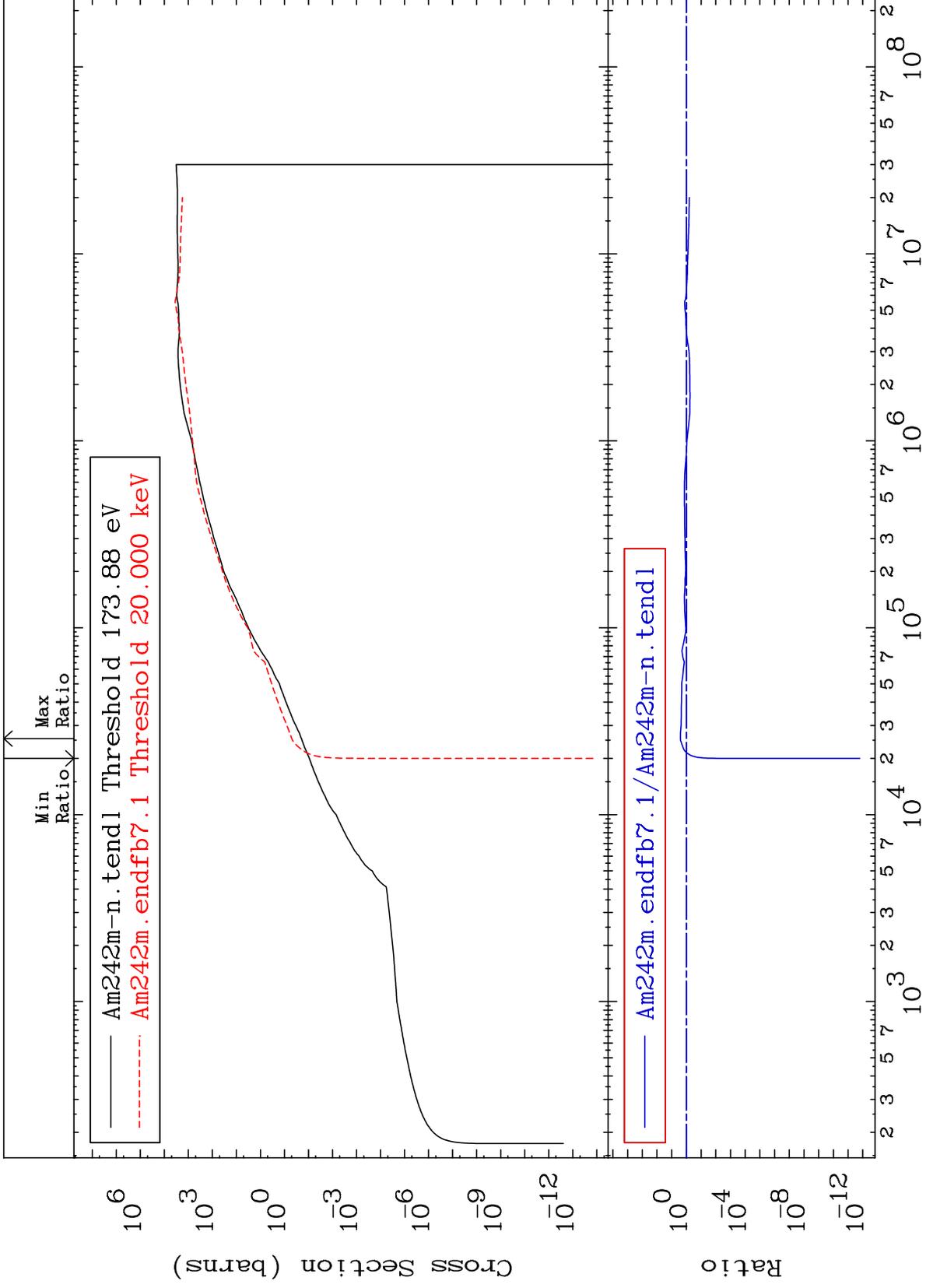
95-Am-242
-93.16 To -1.581%



MAT 9547

Dpa inelastic (mt51-91)
Cross Section

95-Am-242
-100.0 To 150.6 %



MAT 9547

Dpa disappearance (mt102 -120)
Cross Section

95-Am-242
-92.57 To 9999. %

