MELTDOWN v2.0.0   Melt Curve Analysis

dataSample2.txt

Full interpretation of the results requires you to look at the individual melt curves.

The summary graph appears to be unreliable

71% of curves were used in Tm estimations
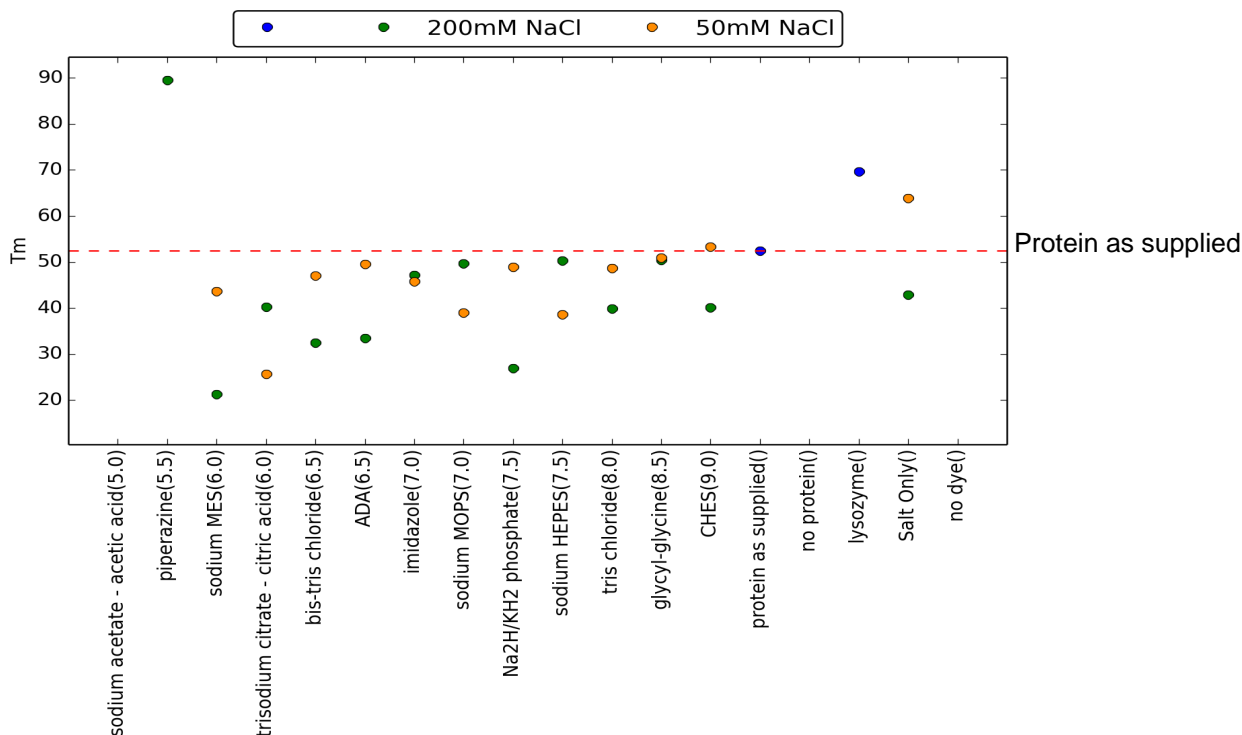
Average estimation of error is **4.2 C**
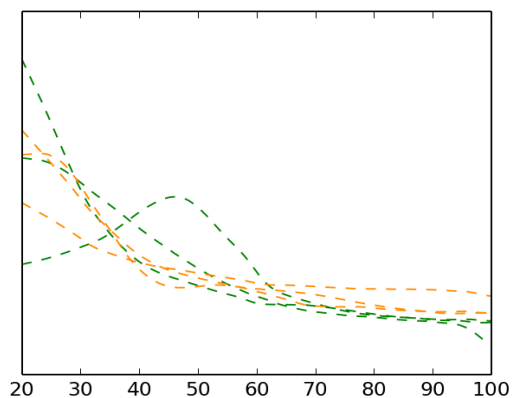
Protein as supplied is **well behaved**

Protein as supplied: Tm = 52.44(+/-0.47)
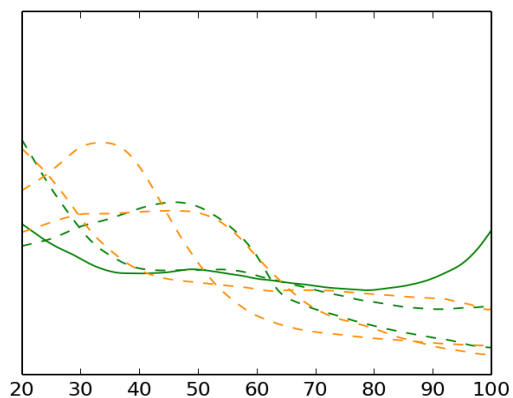
Lysozyme Control: Passed
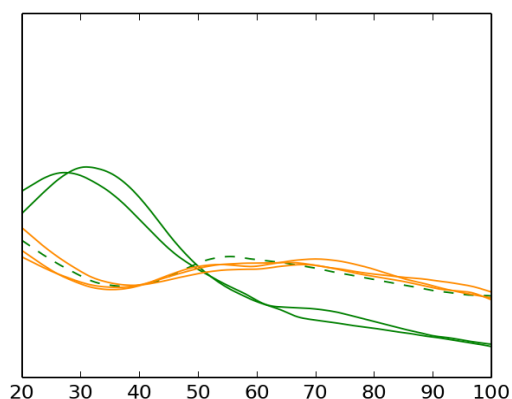No Dye Control: Failed
No Protein Control: Failed

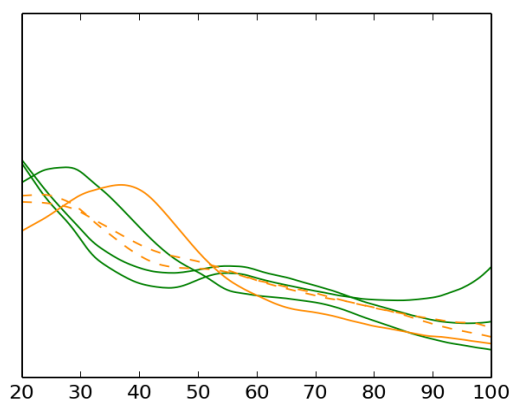sodium acetate - acetic acid (5.0)
Grouped by   Tm
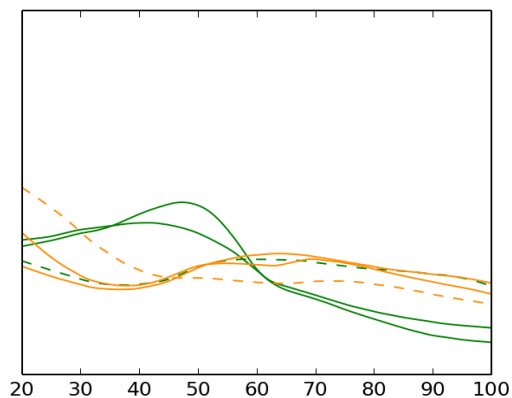

piperazine (5.5)
Grouped by   Tm
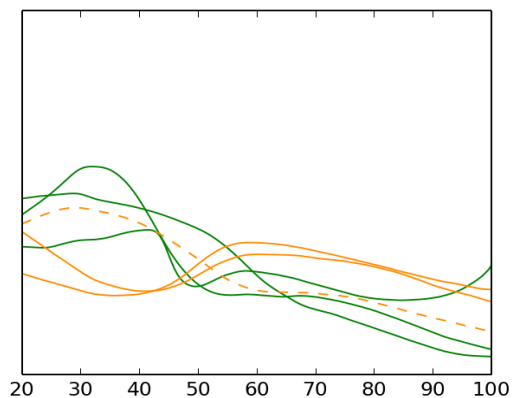

sodium MES (6.0)
Grouped by   Tm

trisodium citrate - citric acid (6.0)
Grouped by   Tm
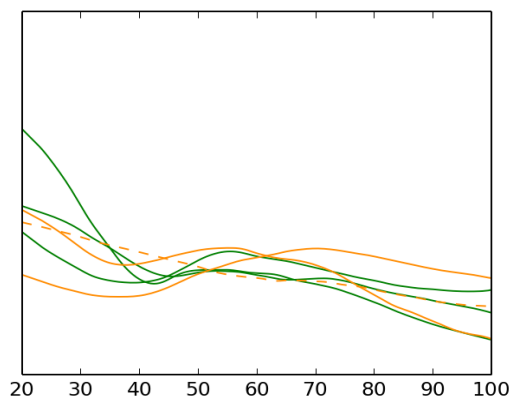

bis-tris chloride (6.5)
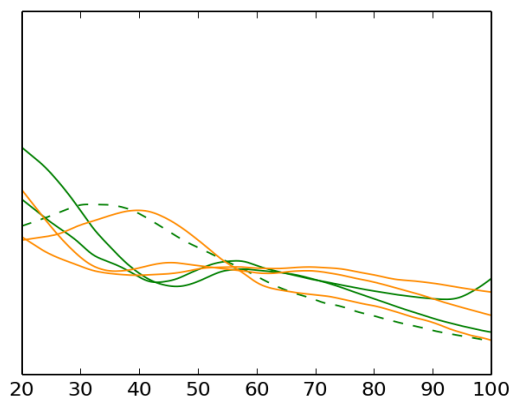Grouped by   Tm

ADA (6.5)
Grouped by   Tm

Curves drawn with dashed lines are unable to be analysed (monotonic, saturated, in the noise, and outliers)
and are excluded from Tm calculations
Curves drawn with dotted lines have unreliable estimates for Tms
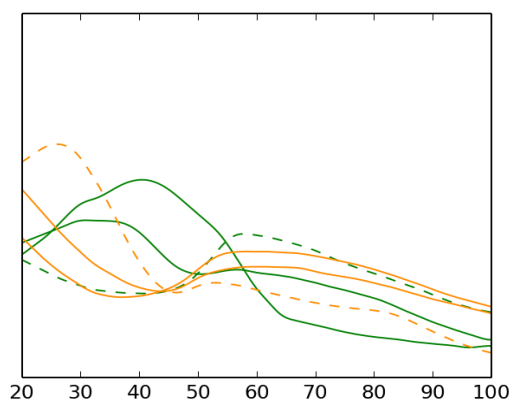
imidazole (7.0)
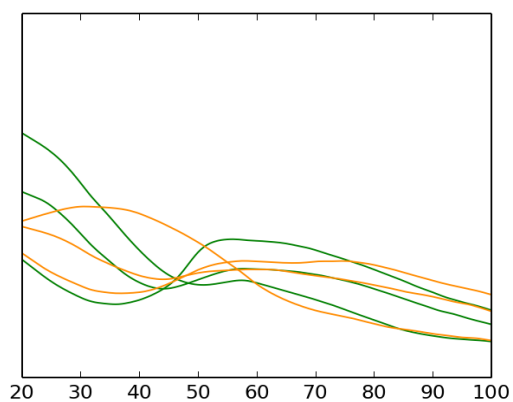Grouped by   Tm

sodium MOPS (7.0)
Grouped by   Tm
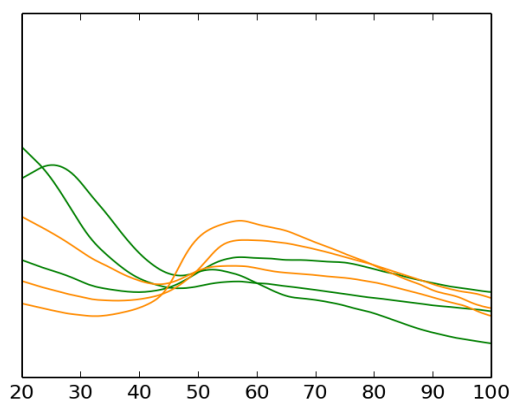
Na2H/KH2 phosphate (7.5)
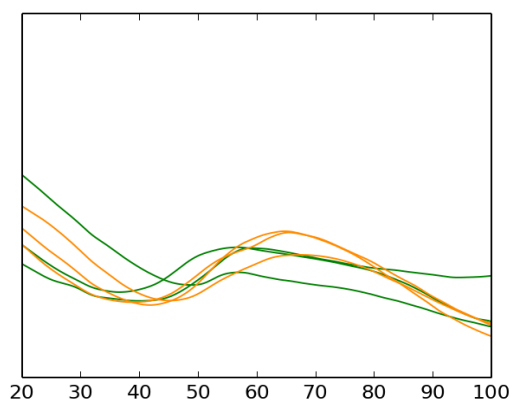Grouped by   Tm

sodium HEPES (7.5)
Grouped by   Tm
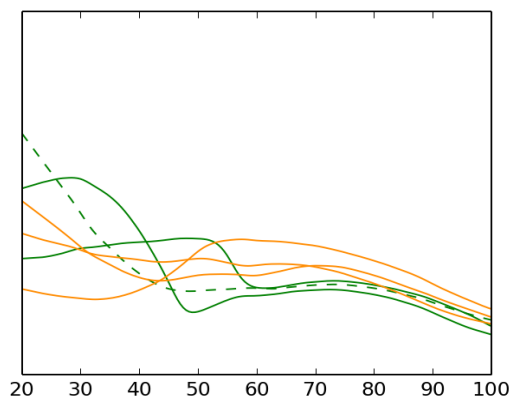
tris chloride (8.0)
Grouped by   Tm

glycyl-glycine (8.5)
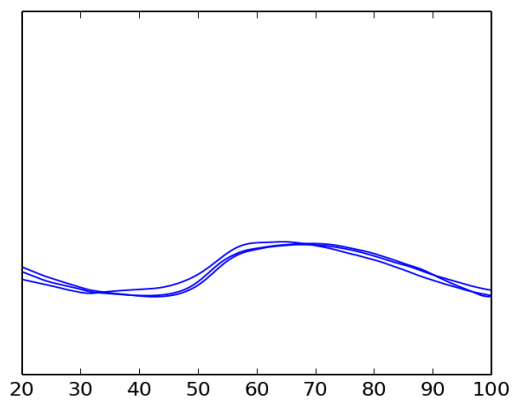Grouped by   Tm

Curves drawn with dashed lines are unable to be analysed (monotonic, saturated, in the noise, and outliers)
and are excluded from Tm calculations
Curves drawn with dotted lines have unreliable estimates for Tms

CHES (9.0)
Grouped by   Tm

protein as supplied ()
Grouped by   Tm

no protein ()
Grouped by   Tm

lysozyme ()
Grouped by   Tm

Salt Only ()
Grouped by   Tm

no dye ()
Grouped by   Tm

Curves drawn with dashed lines are unable to be analysed (monotonic, saturated, in the noise, and outliers)
and are excluded from Tm calculations
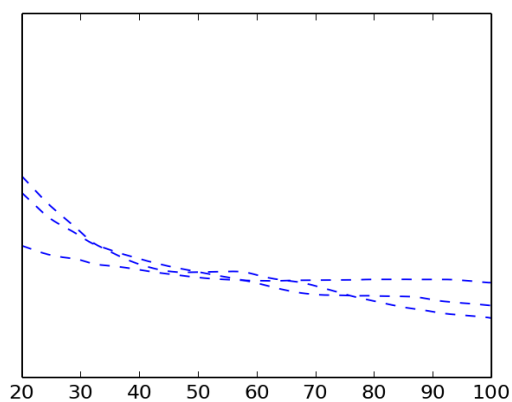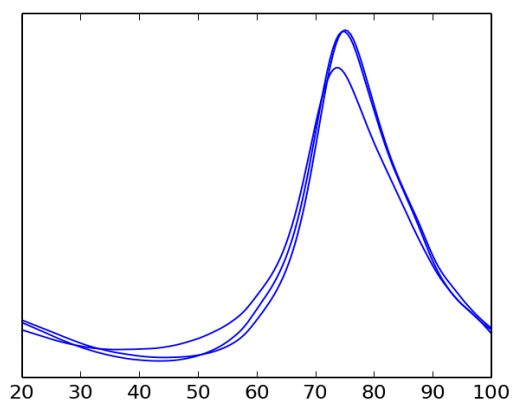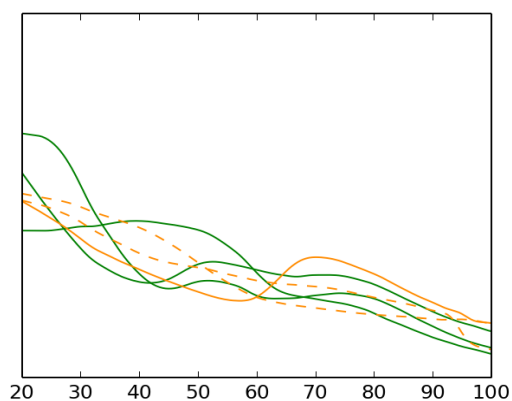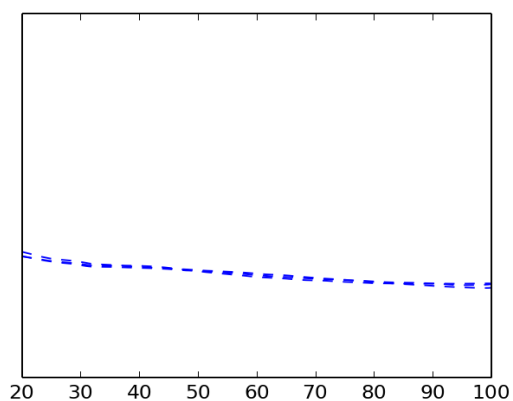Curves drawn with dotted lines have unreliable estimates for Tms