

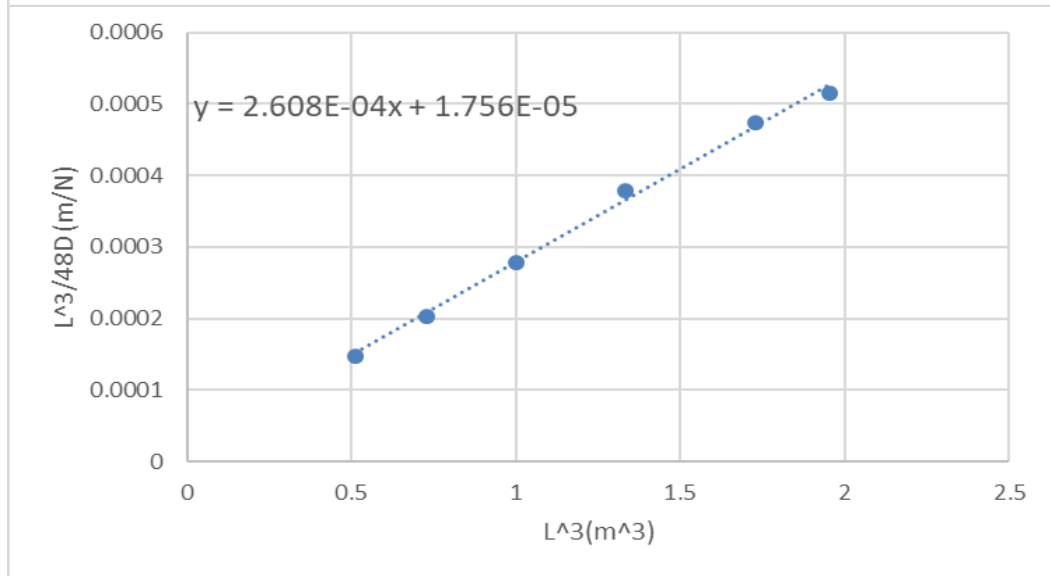
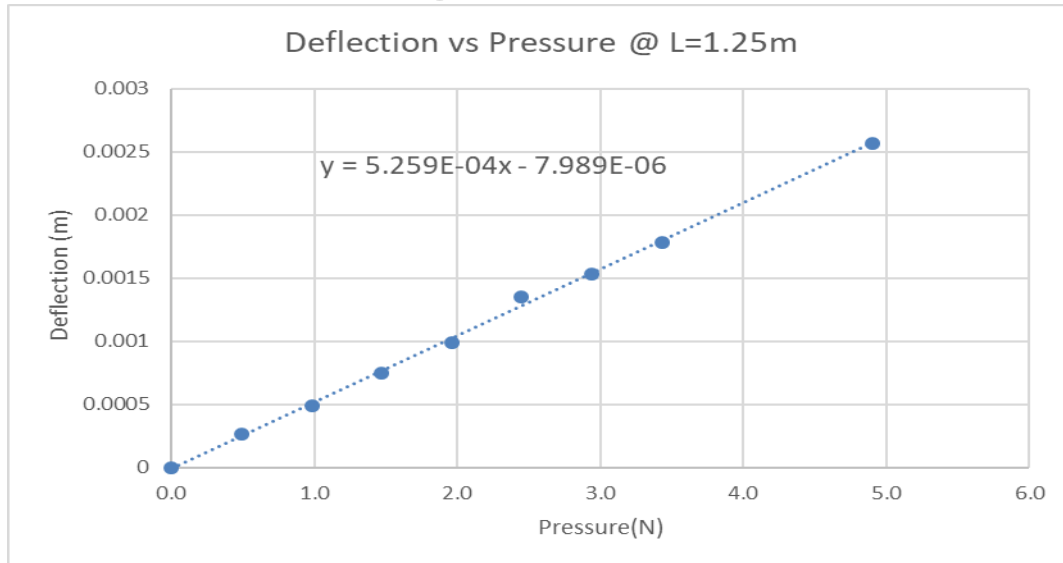
Stave 6

Boping

Shuaiyan

2018/02/21

Bending Test



$$\delta = \frac{1}{48D} L^3 P$$

δ : deflection (m)

L : stave length (m)

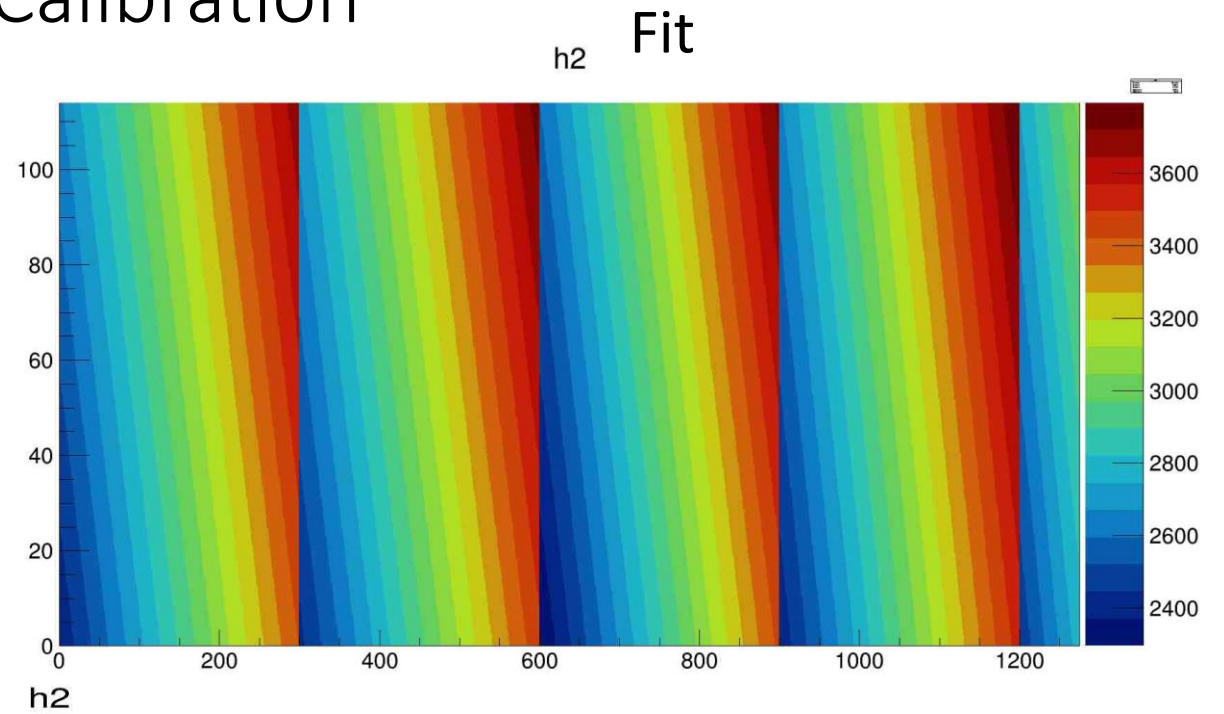
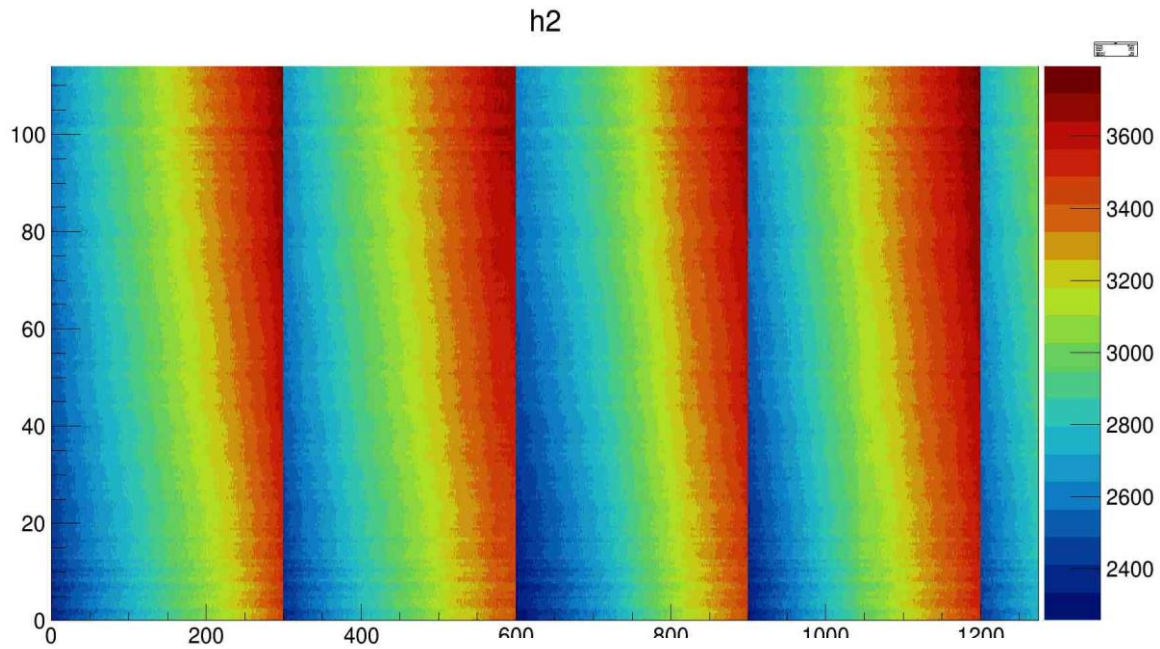
P : load (N)

D : bending stiffness ($N m^2$)

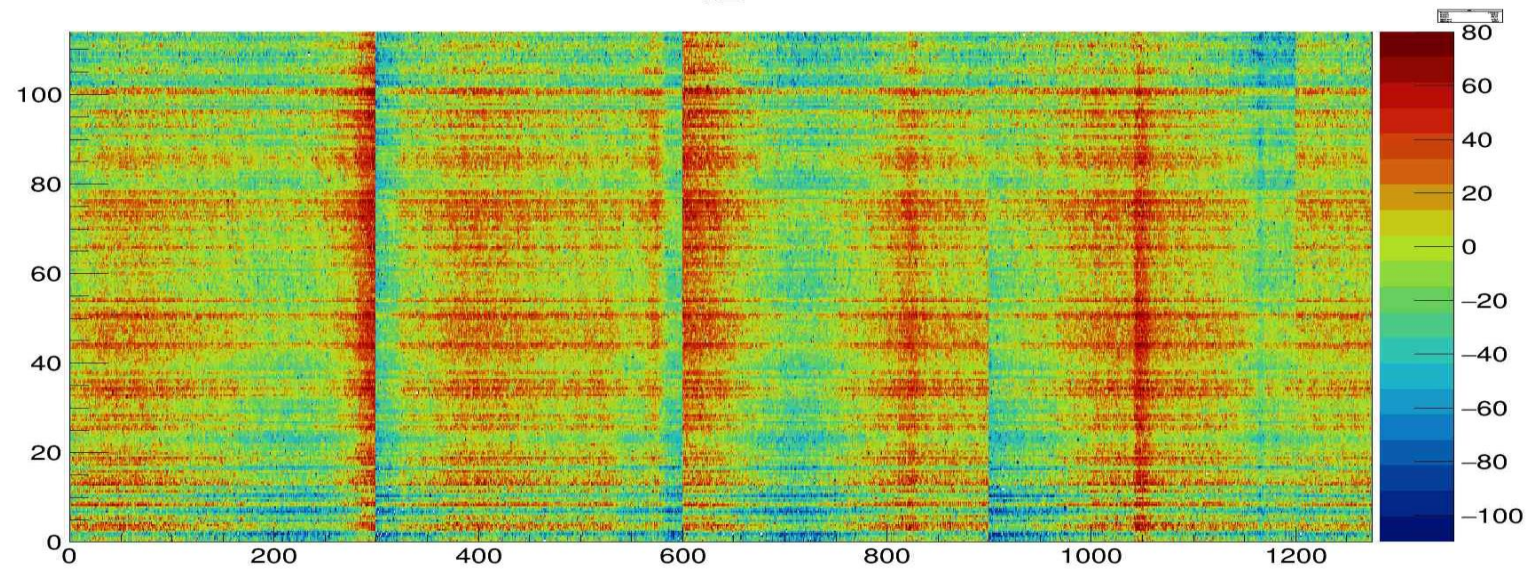
J : 79.87 ($N m^2$)

L : 82.01 ($N m^2$)

Local Flatness Surface Plate Calibration



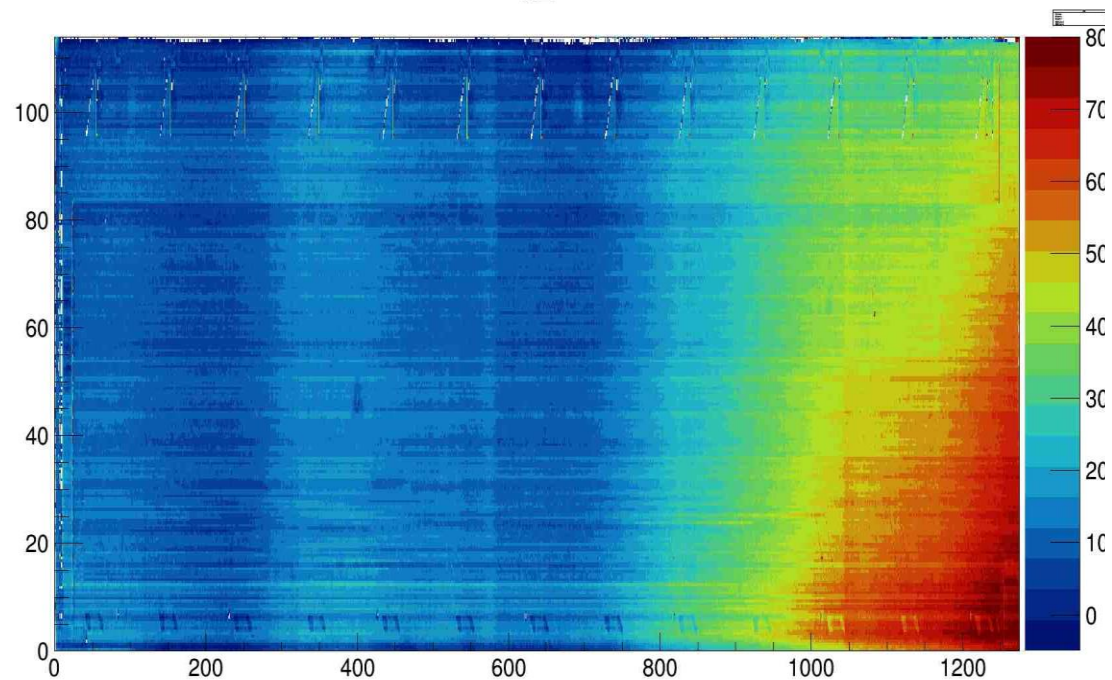
Linear stage



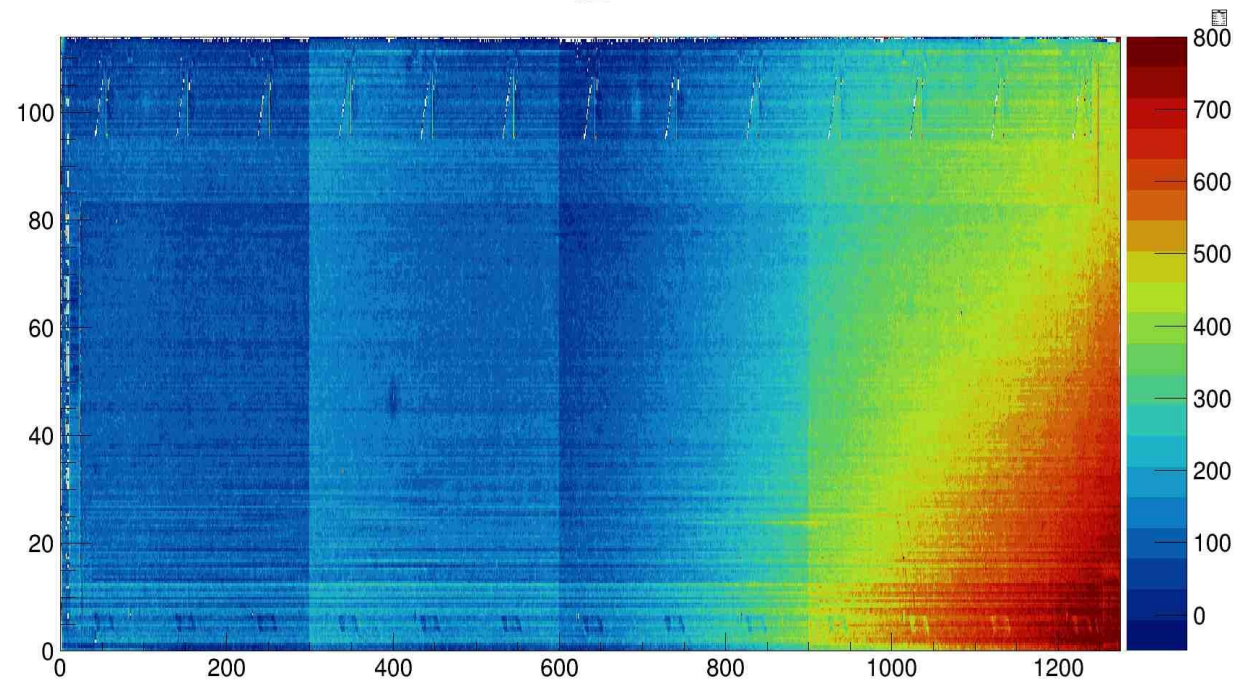
Stave 6 L 0 Pressure

Original

h2

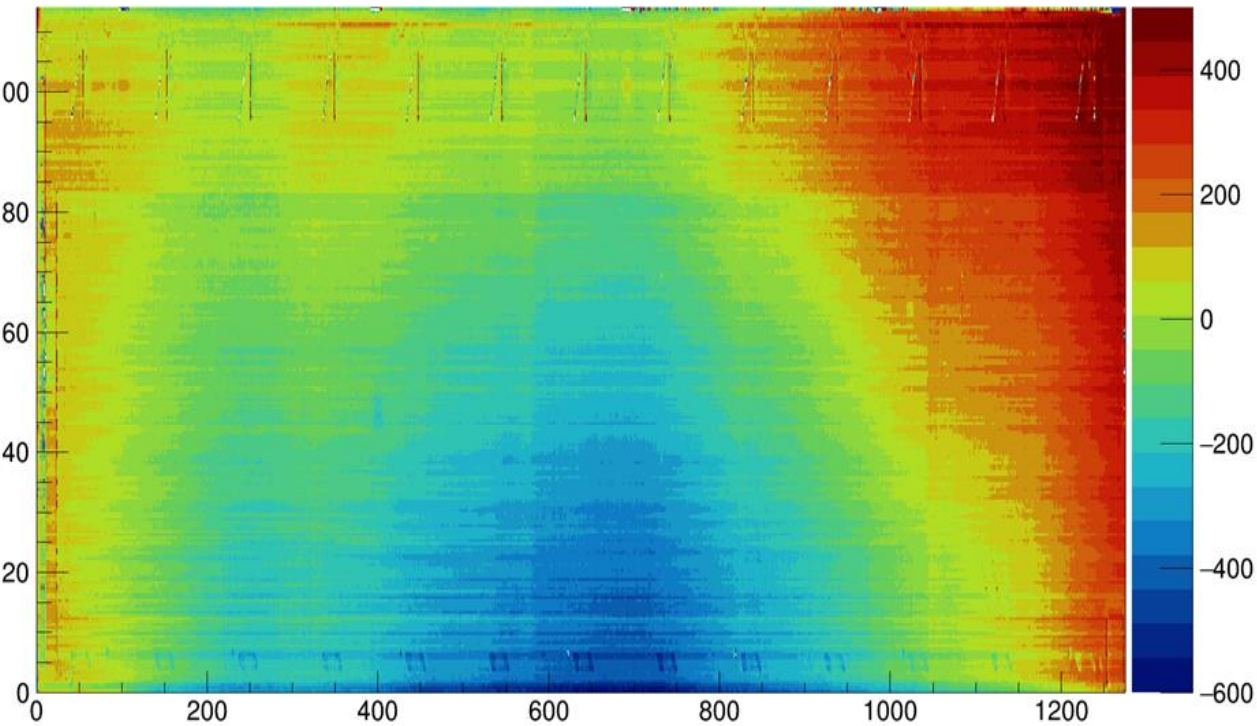


h2

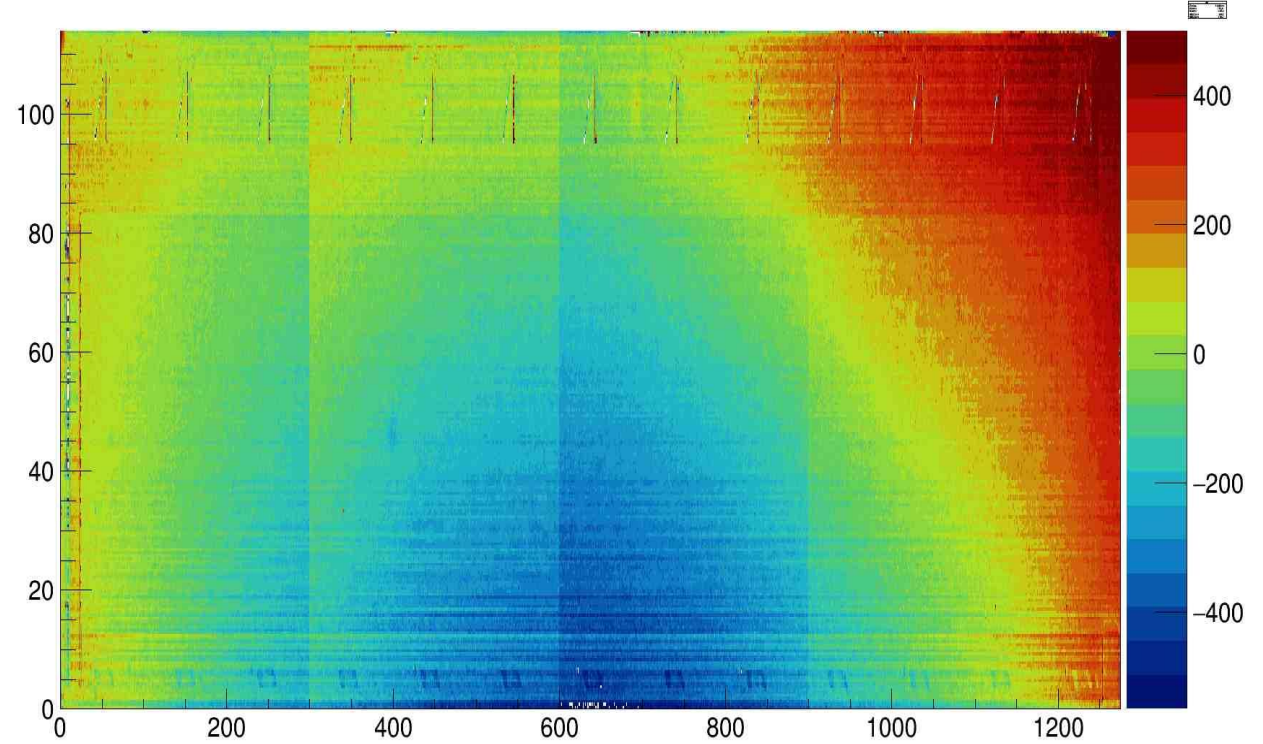


Stave 6 L bending

Original



h2



Stave6 J bending

