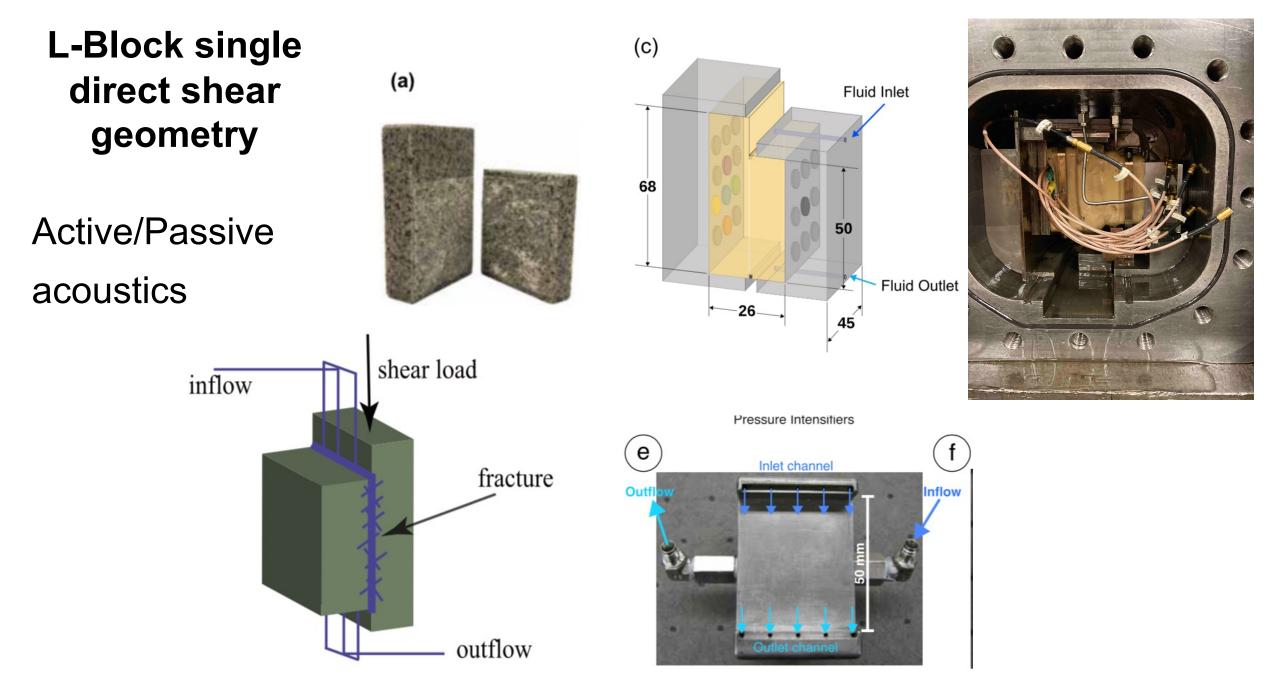
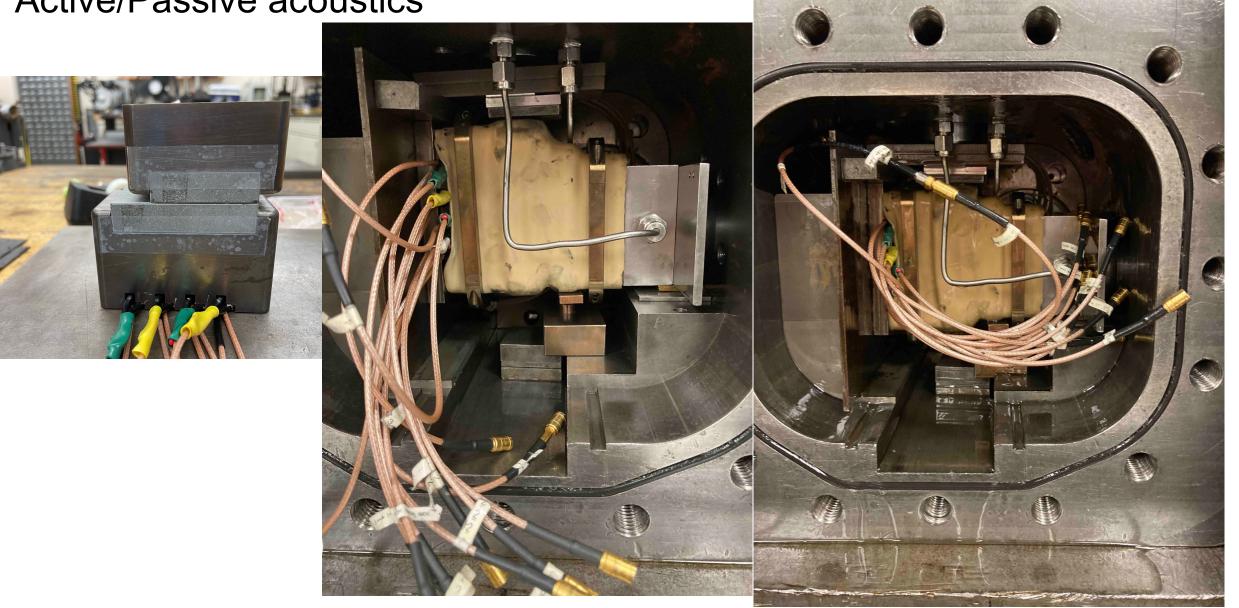
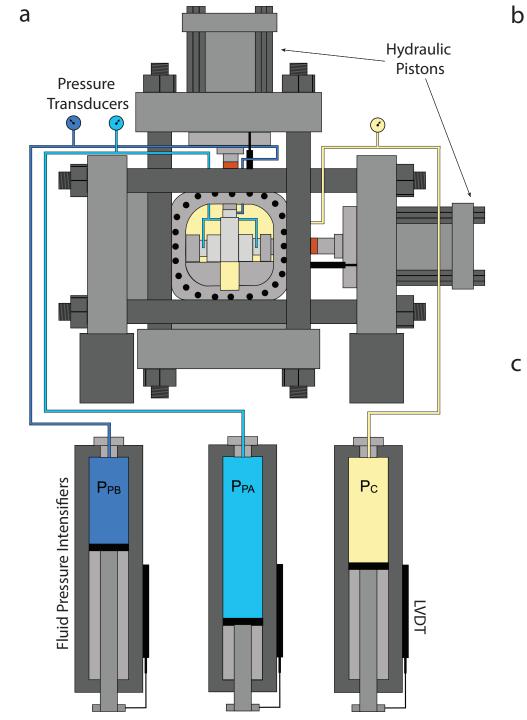
	Creativit	Effective Normal Stress (MPa)	Shear velocity (µm/s) SHS times (s)	Pore pressure (humidity)	Temp (C)	
p5756	Granitoid; powdered to < 125 µm; Initial layer thickness was 4 mm	25, 50, 75	Vsteps from 1- 100 SHS 3- 1000	100% RH	23	Need to finish rsf models
p5760	Gneiss powdered to < 125 µm; Initial layer thickness was 4 mm	50, 75, 100	Vsteps from 1- 100 SHS 3- 1000	100% RH	23	Need to finish rsf models
p5772	Granitoid bare surfaces	20	3 to 100	5	23	Friction section and creep section rsf modeling, acoustic data
p5791	Granitoid powder (gouge)	20	1 to 100	5	80 and 110	Friction section and creep section
p5792	l-block calibration	5, 10 25	10	0	23	Piston friction/jackets
p5793	Granitoid bare surfaces					

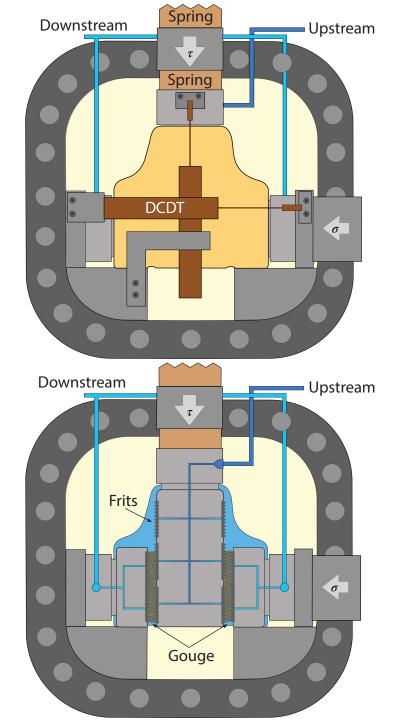


L-Block single direct shear geometry

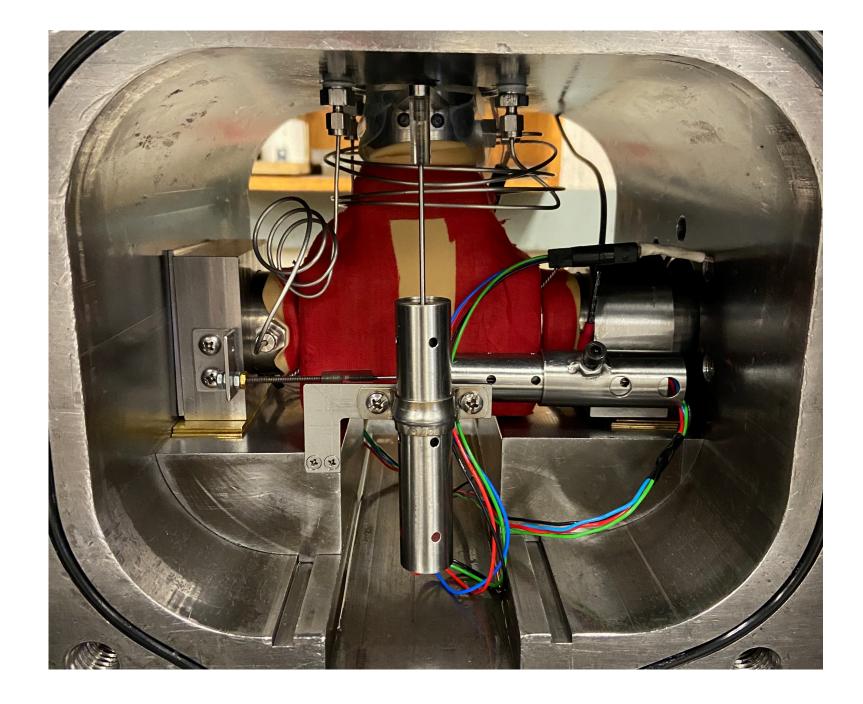


Double direct shear geometry

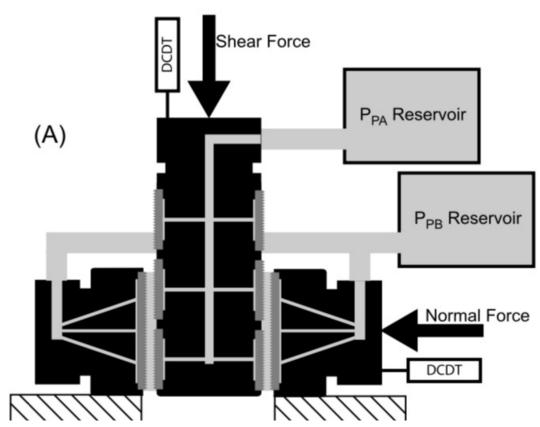


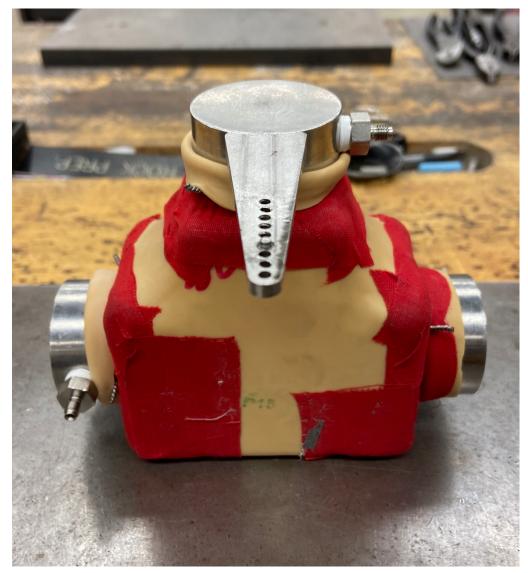


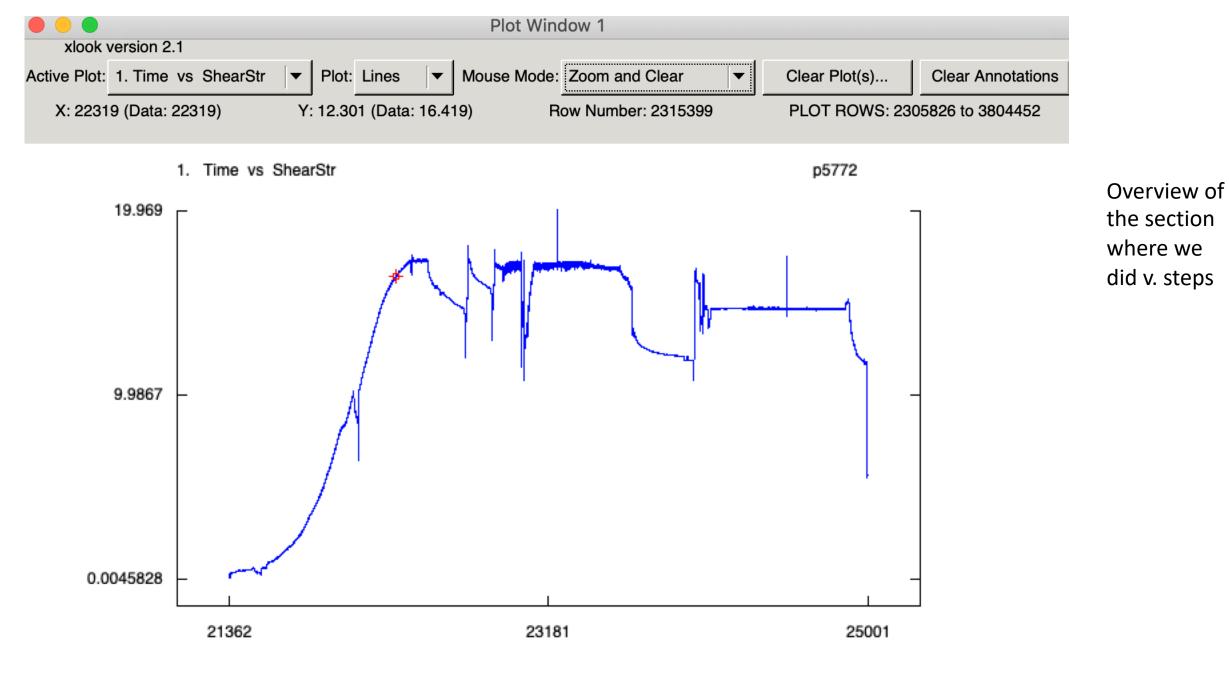
Double direct shear geometry

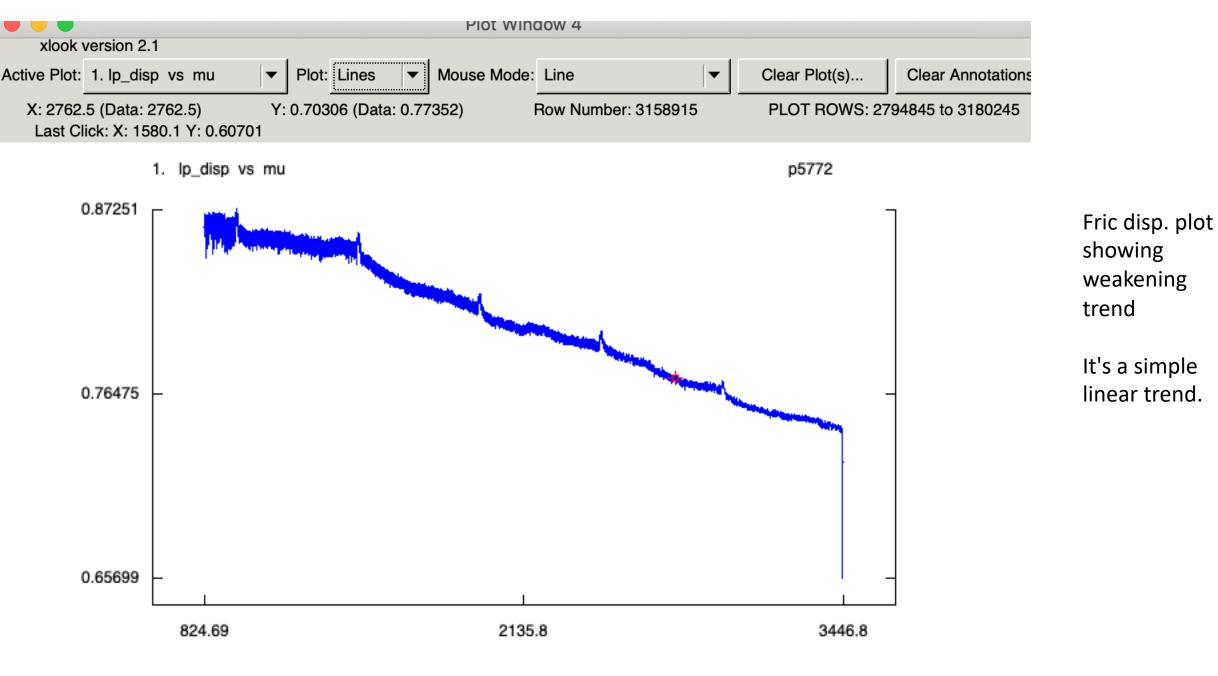


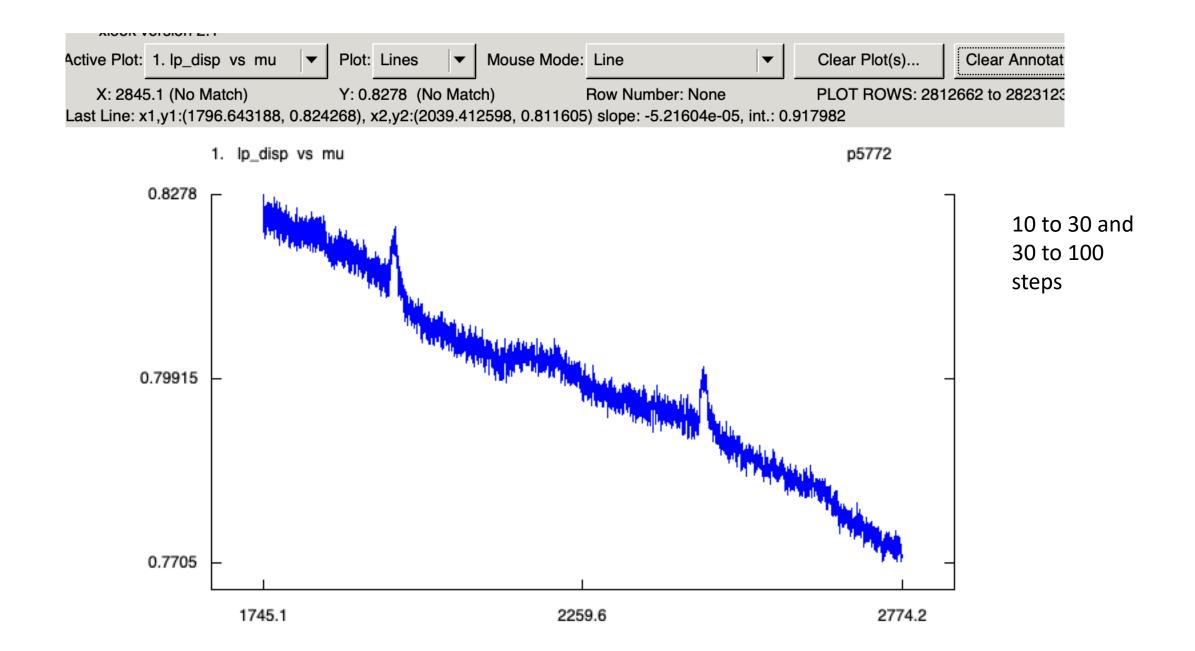
Double direct shear geometry





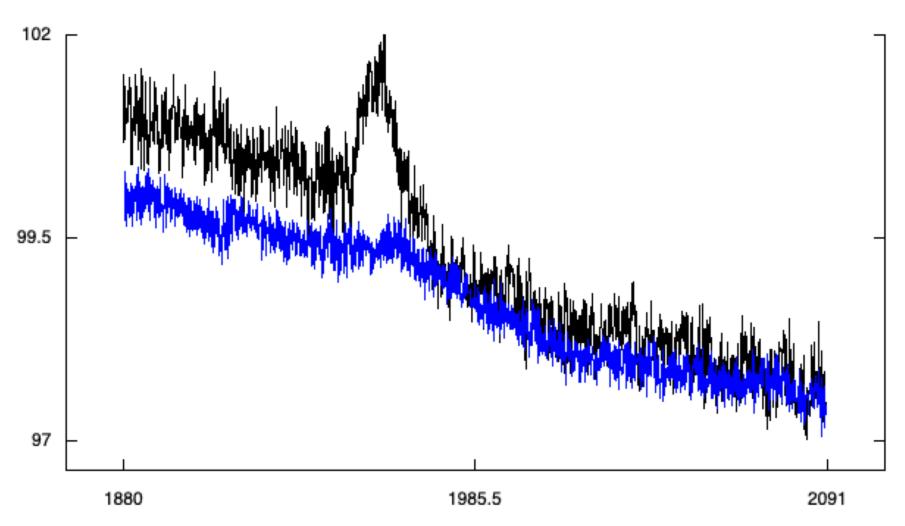




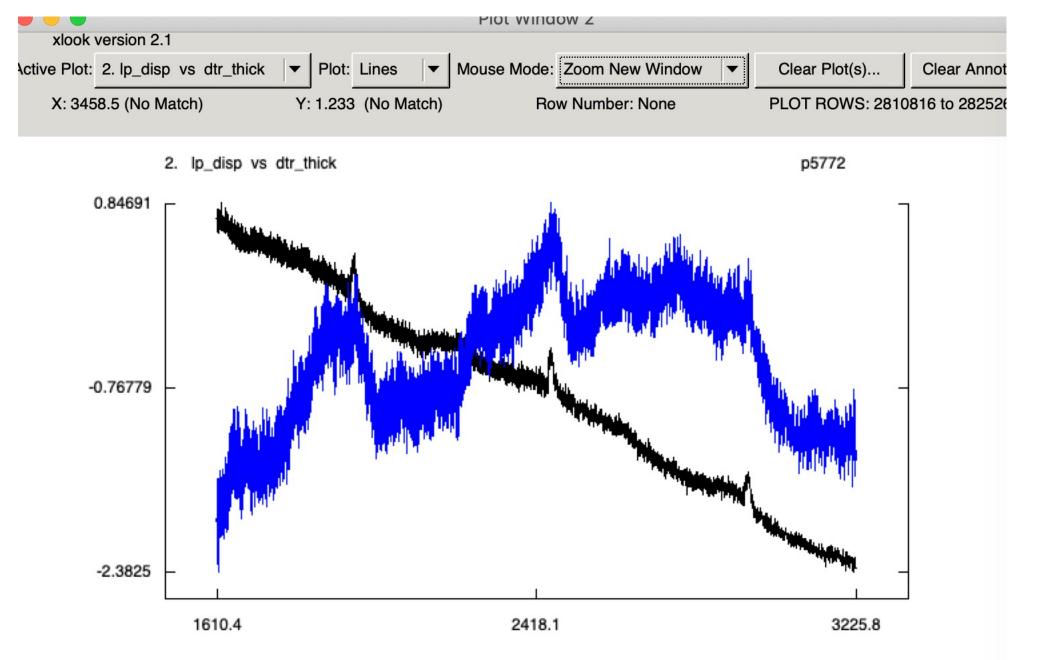


2. lp_disp vs faultThick

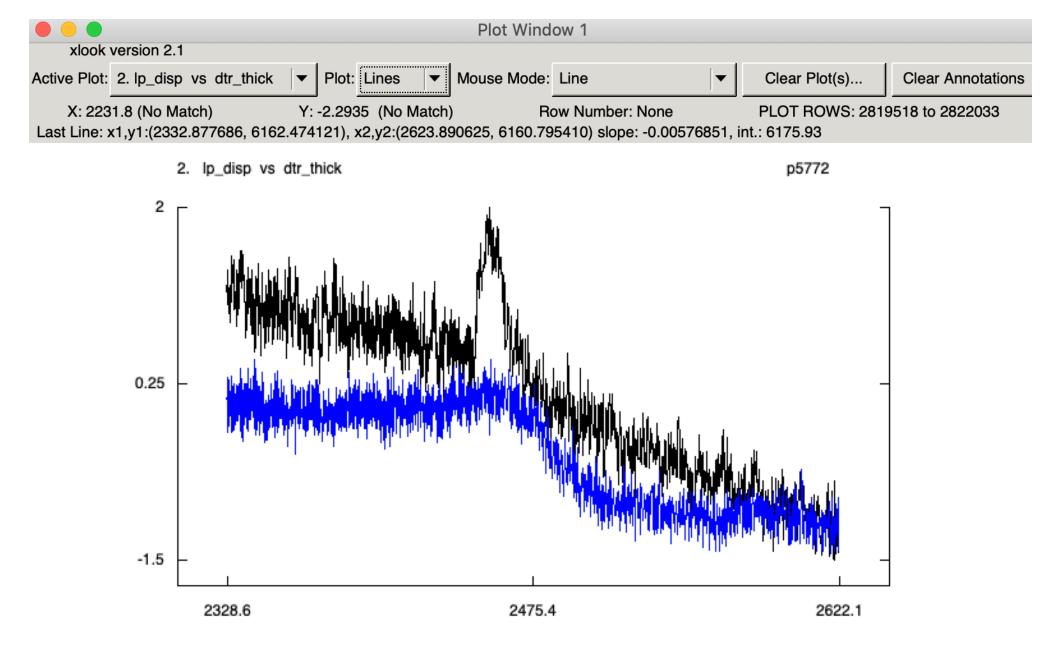
p5772



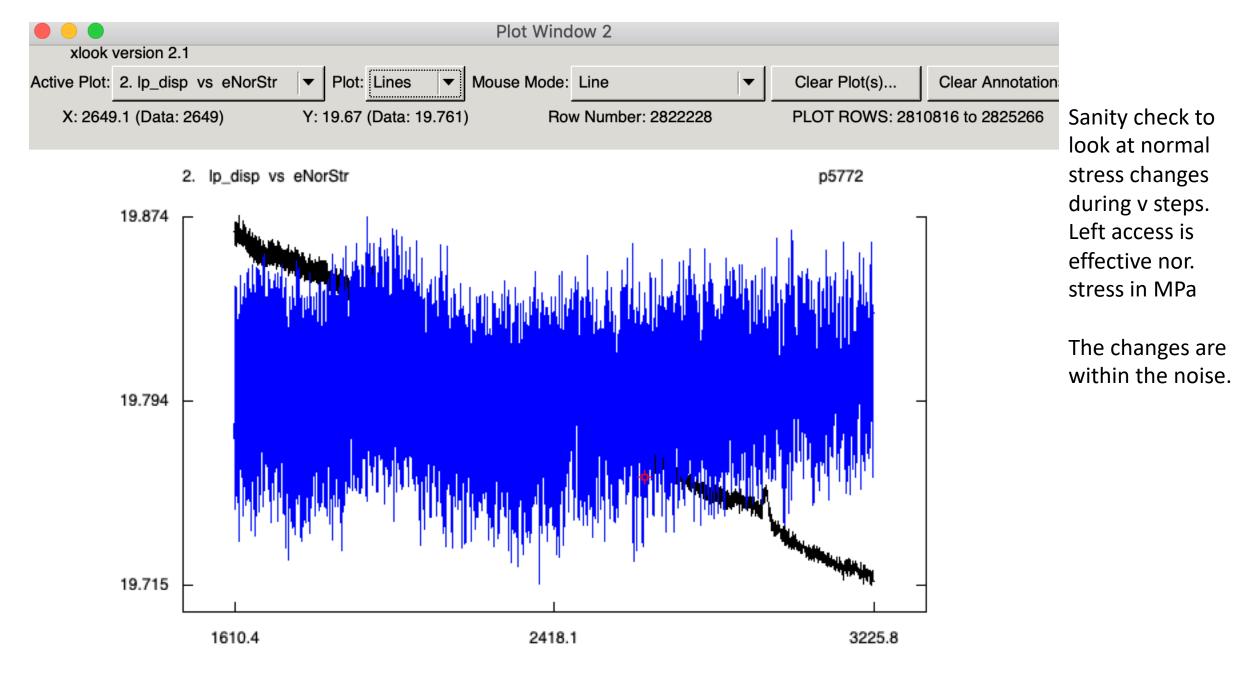
10 to 30 step showing friction (blk) and internal horizontal disp. I set it to an arbitrary value. Overall trend of fault thickness is compaction but note break in slope showing dilation upon the v step

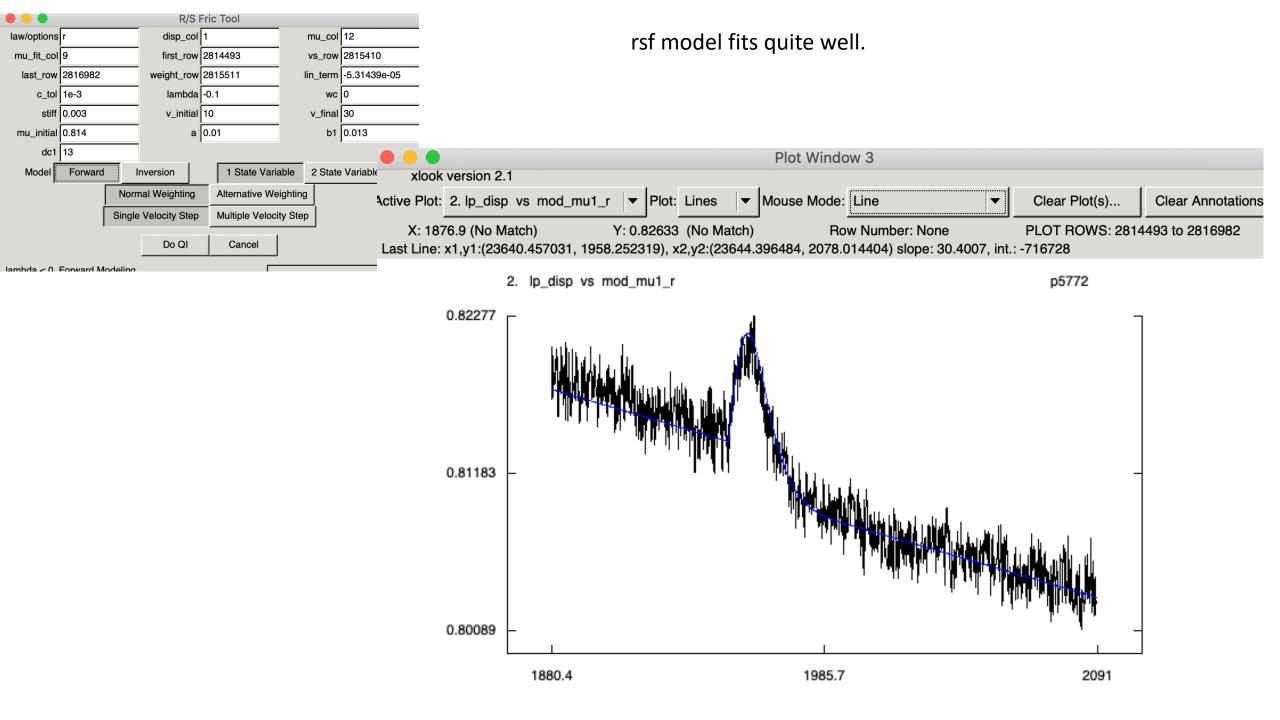


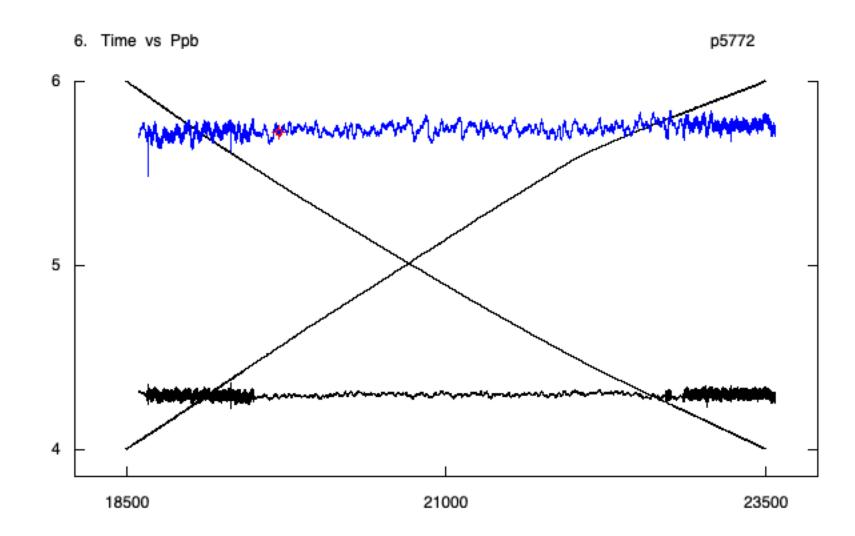
Detail of friction (blk) and internal horizontal disp for three v. steps I set fault thick. to an arbitrary value. I detrended the fault thickness curve here, overall, and in the next slide for just one step. Note that changes in fault thickness occur over about the distance of friction Dc



30 to 100 step showing friction (blk) and internal horizontal disp. I set it to an arbitrary value. I detrended the fault thickness at $30 \,\mu m/s$ Note that relative dilation upon the v step is tiny and then there's compaction of about 1 µm over about the distance of friction Dc







Section where we measured perm.

Horizontal lines are Ppb and Ppa Linear trends are flow rate from a and b

