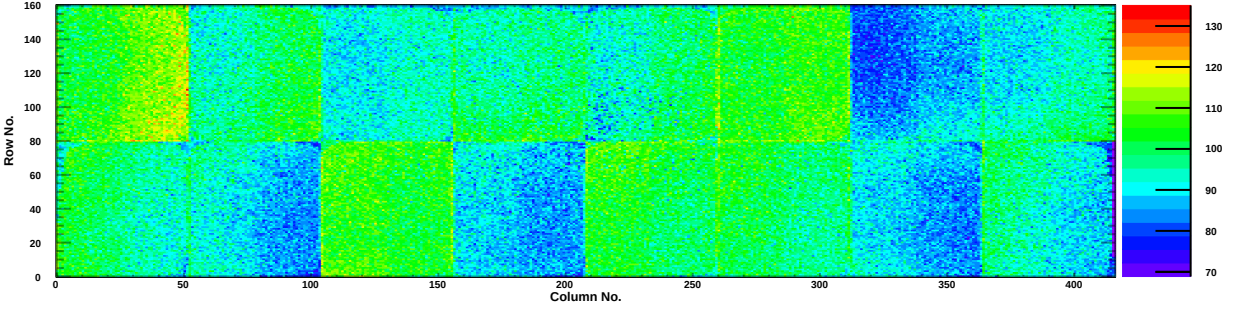Vcal Threshold