Distribution of noises for all ASICs Noise Entries 6495 Mean 5.186 1000 RMS 2.878  $\chi^2$  / ndf 201.3 / 33  $1096 \pm 17.4$ Constant ASIC #110 800  $4.831 \pm 0.030$ Mean 0.5 ASIC #209 Sigma  $2.292 \pm 0.024$ 340 350 360 600 400 ASIC #329 ASIC #437 200 25 30 35 10 15 20 40 Noise [mV]