Horizontal Scan, Run: 365866  $\times 10^3$  $\chi^2$  / ndf 3.002/9 bbc rate (Hz) 1400  $1.275e+06 \pm 7.235e+04$ Constant Mean  $44.88 \pm 3.974$ Sigma 1200  $152.2 \pm 2.158$ 1000 800 600 400 200 -600 -400 -200 200 400 600 800 separation (microns)