## e-/e+ Vertical beam size with 6 Wigglers Low and Off

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$\left.A^{*} \exp f\left(((x-B))\left(\text { squt }(2)^{*}+C\right)\right)^{2}\right)^{2}+D$


## e+ 100 Turn Average Distribution


e+ 100 Turn Average $I=0.5 \mathrm{~mA} /$ bunch


- Wigglers On $\Delta \mathrm{Qy} \sim 0.9 \mathrm{kHz}$
- 6 Wigglers@ $80 \% \triangle \mathrm{Qy} \sim 0.9 \mathrm{kHz}$
- 6 Wigglers@60\% $\triangle \mathrm{Qy} \sim 0.9 \mathrm{kHz}$
- 6 Wigglers@ $30 \% \triangle \mathrm{Qy} \sim 0.9 \mathrm{kHz}$
$\mathrm{e}+\mathrm{I}=0.5 \mathrm{~mA} /$ bunch
" 6 Wigglers Off $\Delta \mathrm{Qy} \sim 0.9 \mathrm{kHz}$

e+ Single Turn Dynamics


Click on plot to run movie
e+ I=0.5mA/bunch Wiggler On File:418

Movie of single turn mean position and $\sigma_{v}$ for all 45 bunches.



## e+ I=0.5mA/bunch 6 Wigglers @80\%

 File: 421Click on plot to run movie


