

Entries/40 $\mu\text{m}$

- fit, all
- fit, prompt J/ $\psi$
- fit, secondary J/ $\psi$
- fit, bkg

$2.9 < M(e^+ e^-) < 3.2 \text{ GeV}/c^2$

$\chi^2/\text{dof} = 0.820$

$F_{\text{Sig}}(\text{scaled})[2.92-3.16] = 0.300 \pm 0.017$

$F_{\text{B}}^{\text{uncorrected}} = 0.245 \pm 0.025$

|                                   |       |
|-----------------------------------|-------|
| psproper_decay_length_signal_copy |       |
| Entries                           | 2817  |
| Mean                              | 30.55 |
| Std Dev                           | 241.6 |

—3000    -2000    -1000    0    1000    2000    3000

pseudoproper decay length [ $\mu\text{m}$ ]