

First Look at Charged Particle TOF resolution from β -source tests at Princeton

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Plotted Quantity= $t_{\text{APD1}} - t_{\text{APD2}}$ (raw distribution)

$t_{\text{APDi}} = t_{\text{ZeroCross}}$ (from APD->Amplifier->Scope input)

```
In[744]:= Show[slshn, Graphics[Inset[photo, {0.7, -.15}]],  
Graphics[Inset[tgff, {- .5, 0.2}]]]
```

