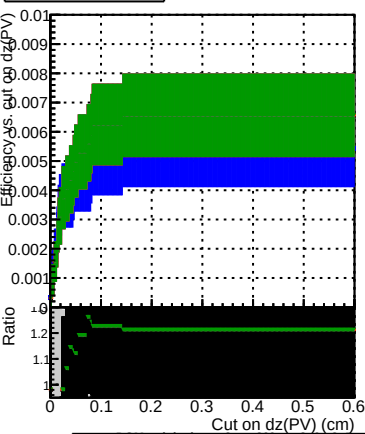
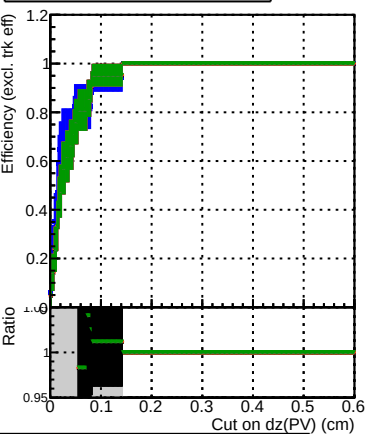


Efficiency vs. dz (PV)



Efficiency (tracking eff factorized out) vs. dz (PV)



**Fake rate**

|     |                                |       |       |             |
|-----|--------------------------------|-------|-------|-------------|
| DOM | original                       | step2 | pt200 | eta2p0to2p5 |
| DOM | pixelCPETemplate               | step2 | pt200 | eta2p0to2p5 |
| DOM | pixelCPETemplateCutChiSquare10 | step2 | pt200 | eta2p0to2p5 |
| DOM | pixelCPETemplateCutChiSquare15 | step2 | pt200 | eta2p0to2p5 |
| DOM | pixelCPETemplateCutChiSquare20 | step2 | pt200 | eta2p0to2p5 |
| DOM | pixelCPETemplateCutChiSquare30 | step2 | pt200 | eta2p0to2p5 |

