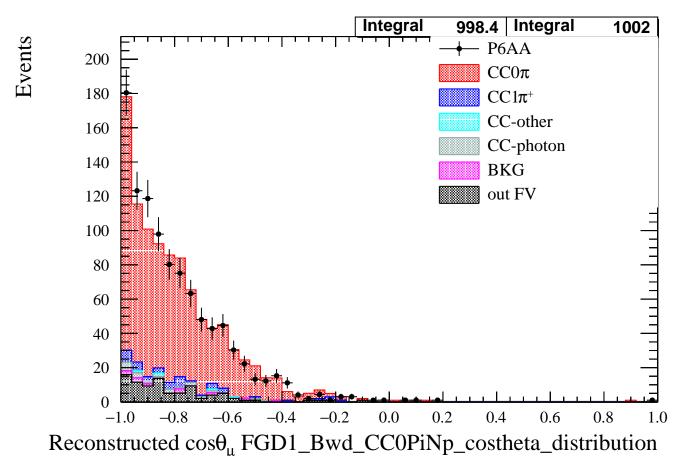
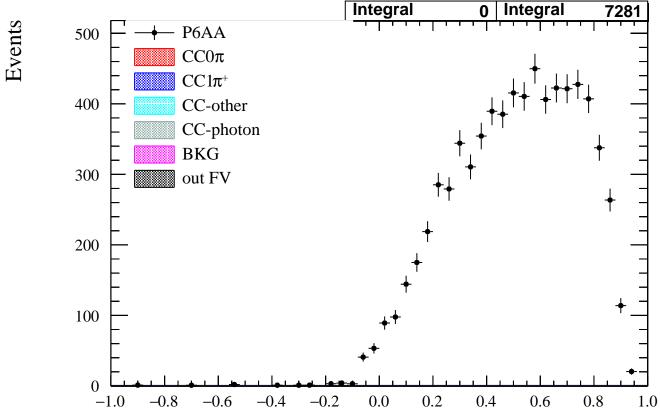
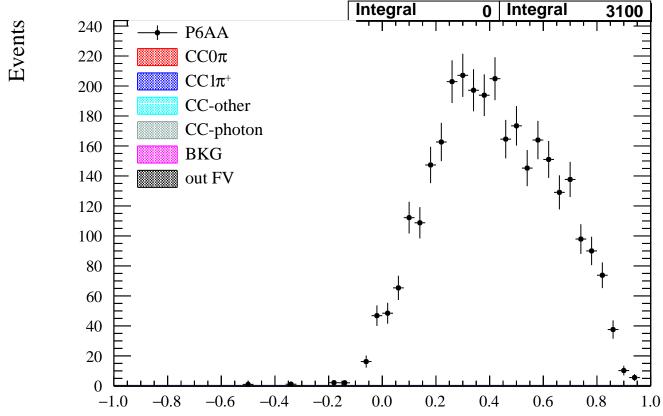


 $Reconstructed \ cos\theta_{\mu} \ FGD1\_Bwd\_CC0Pi0p\_costheta\_distribution$ 

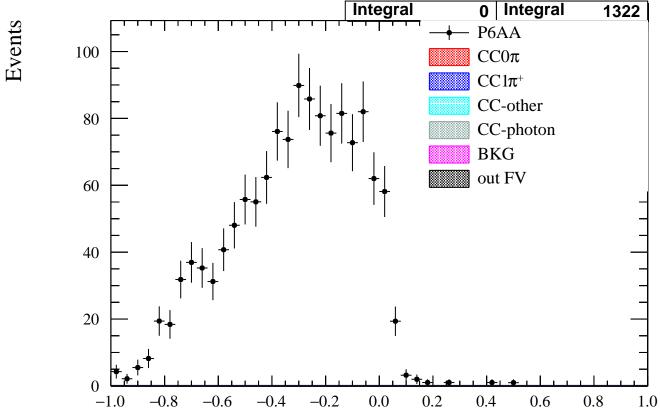




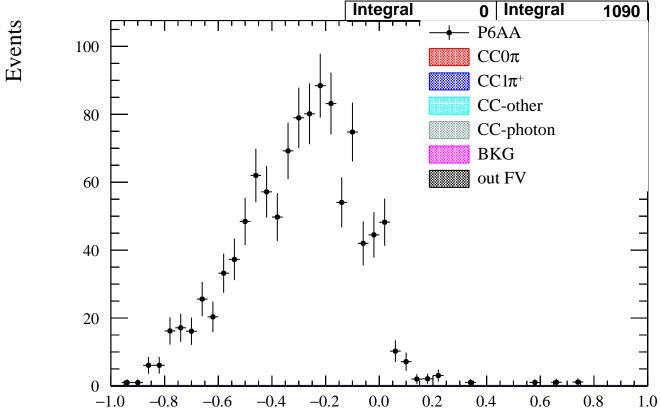
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Reconstructed  $cos\theta_{\mu}$  FGD1\_HAFwd\_CC0PiNp\_costheta\_distribution

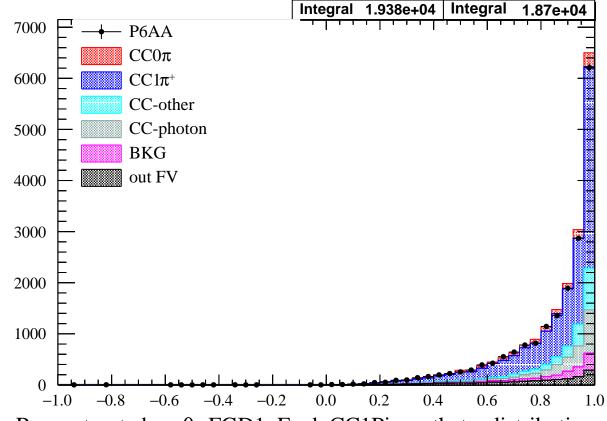


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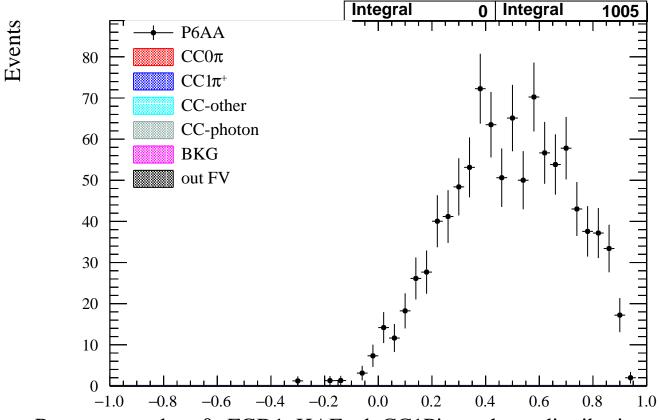


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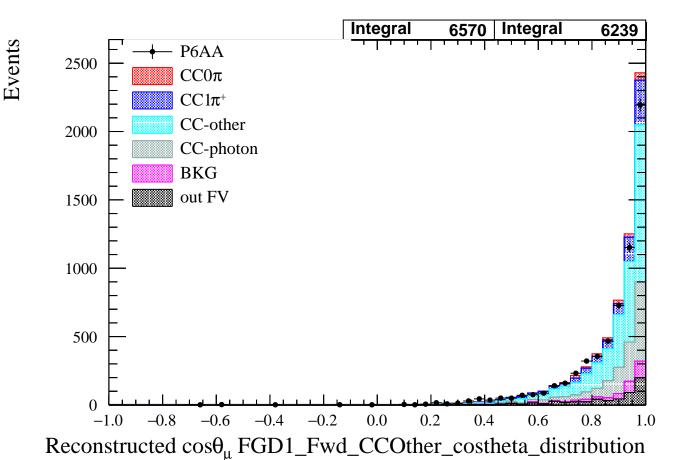


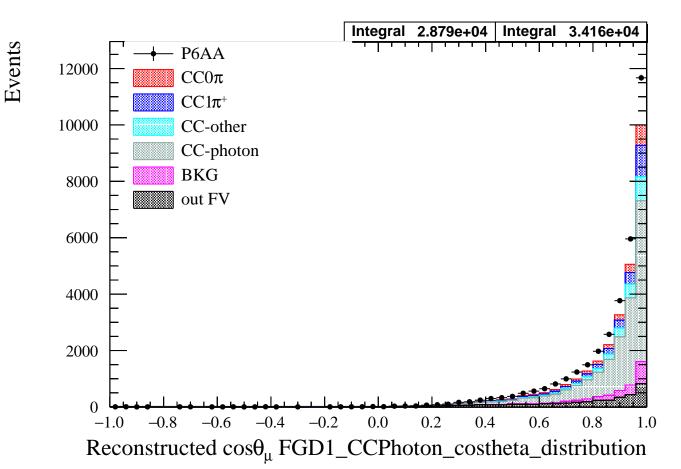


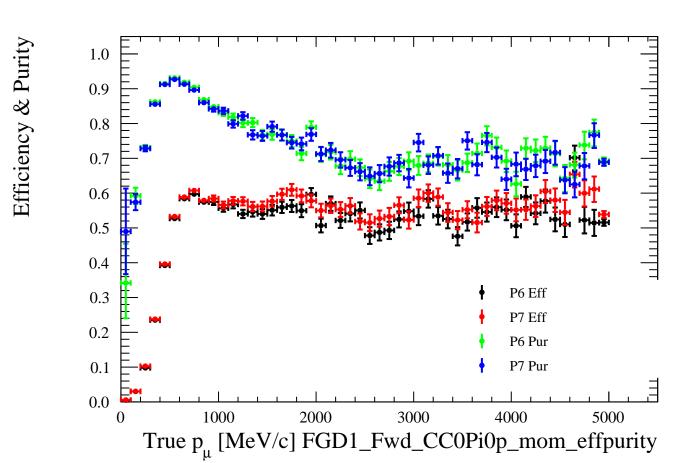
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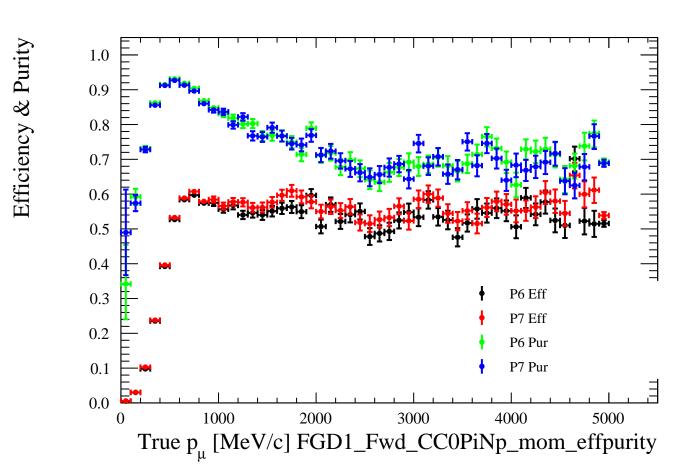


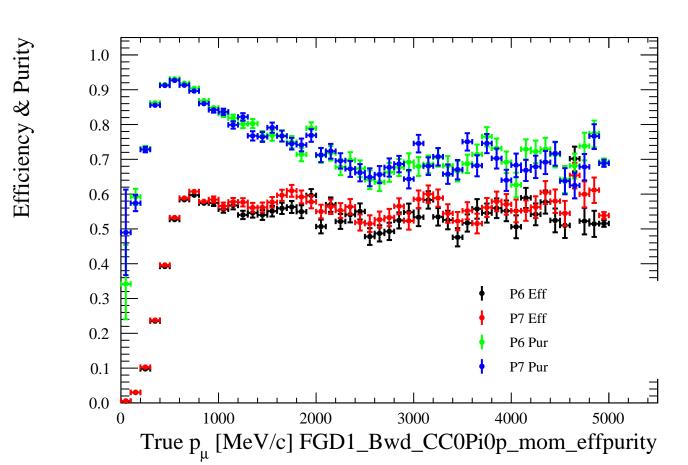
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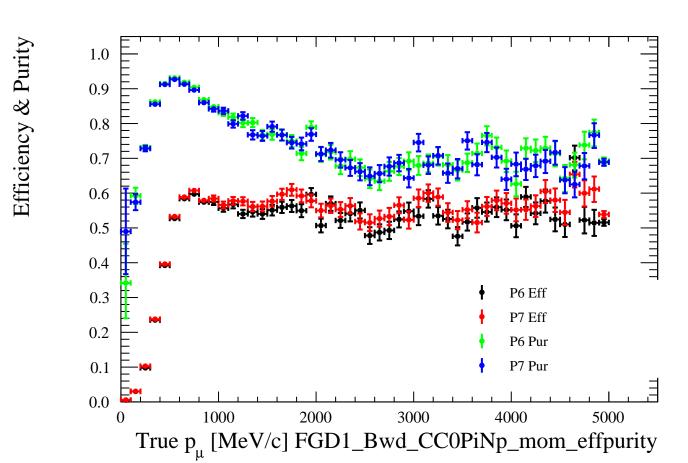


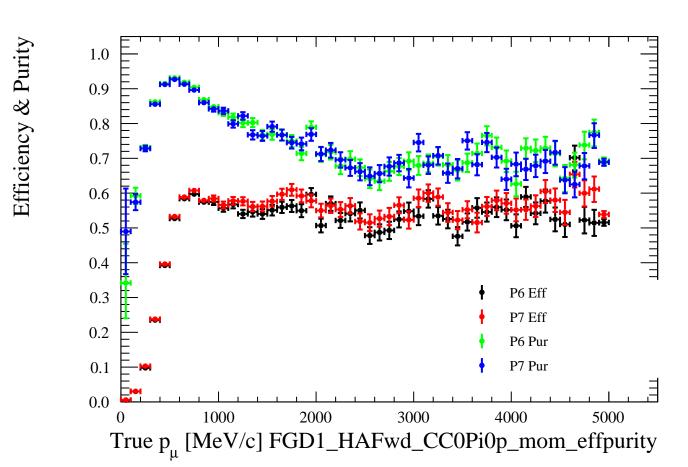


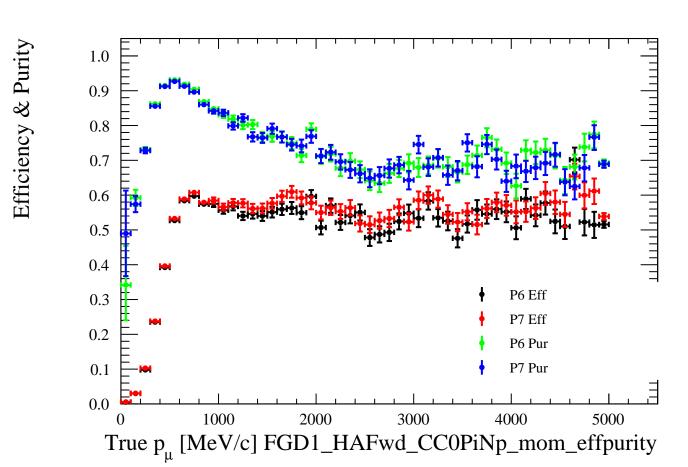


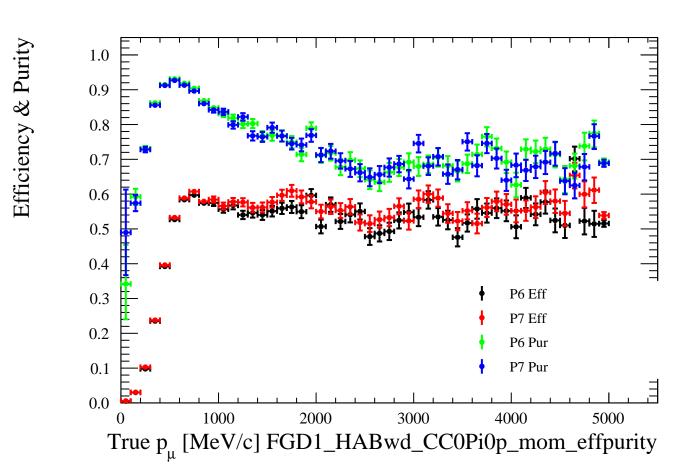


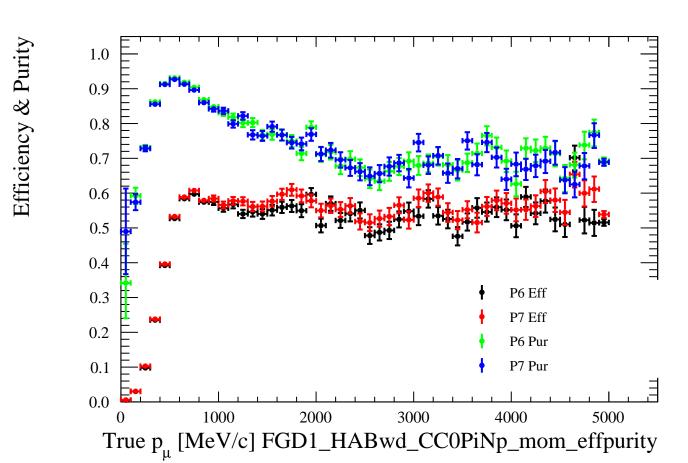


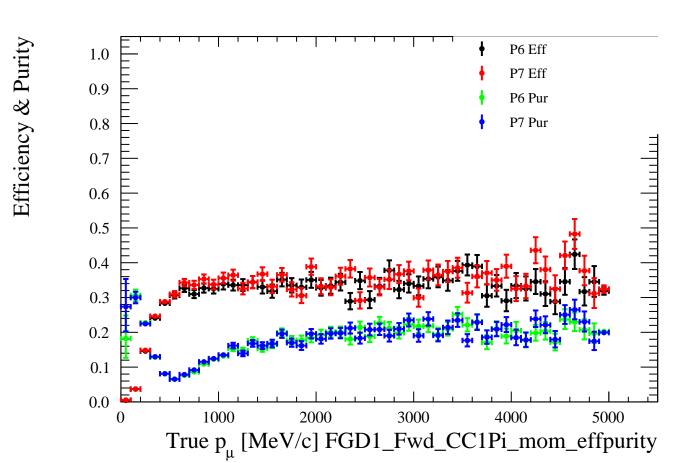


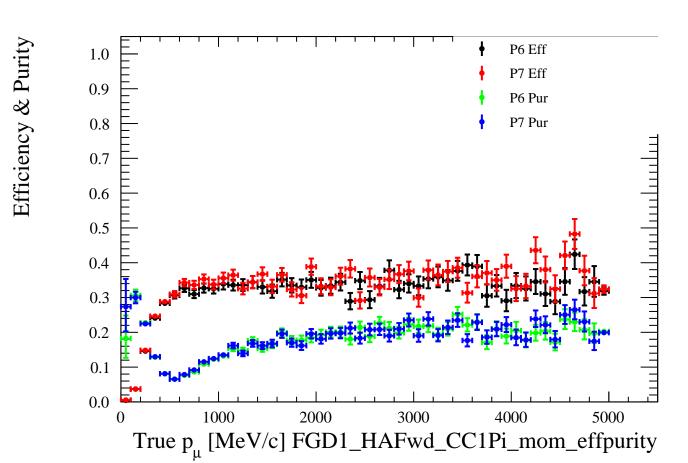


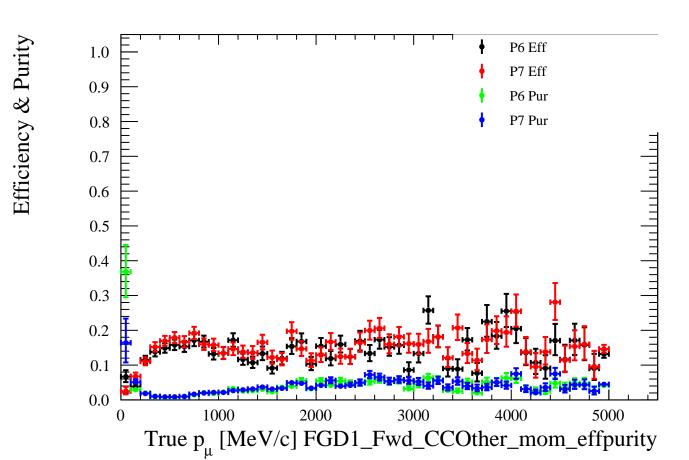


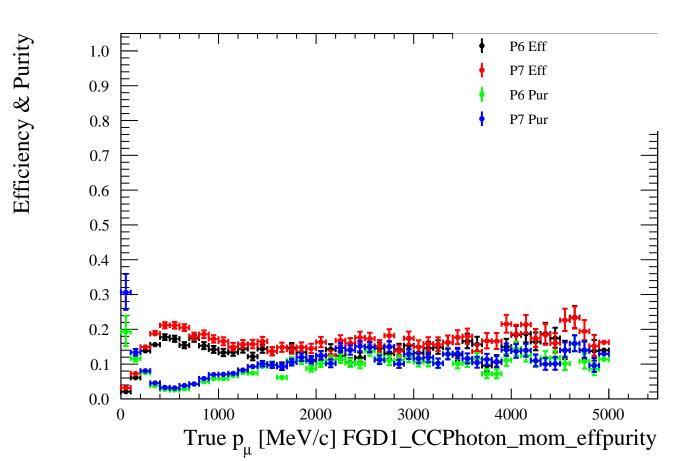


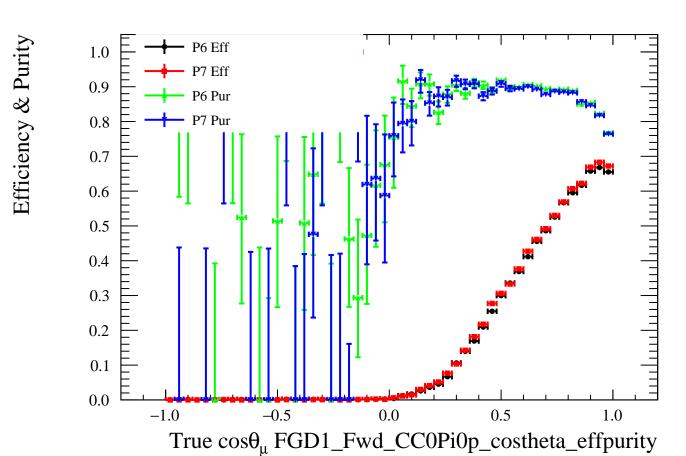


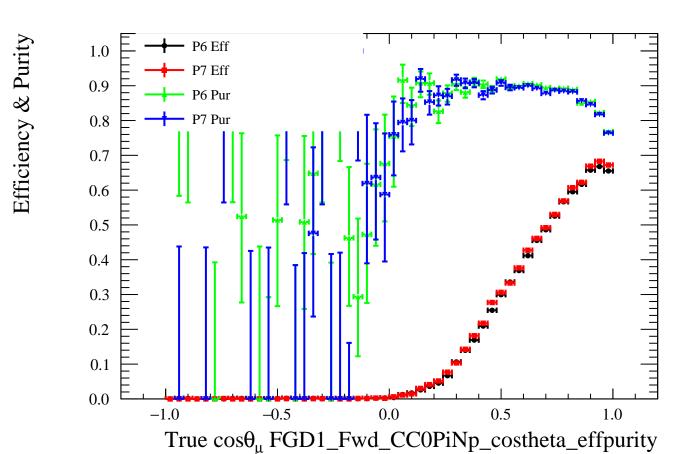


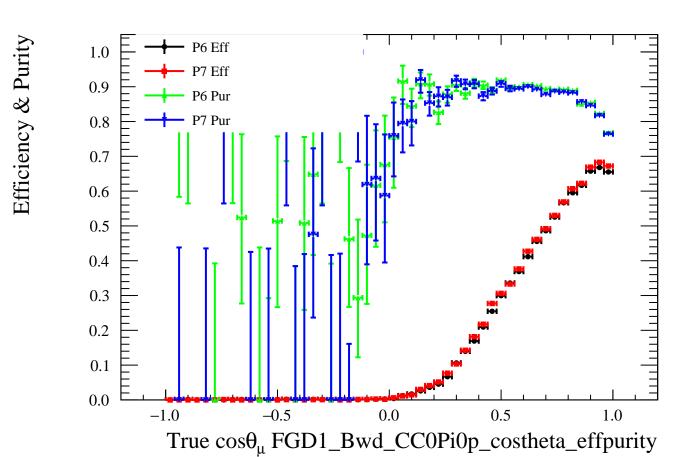


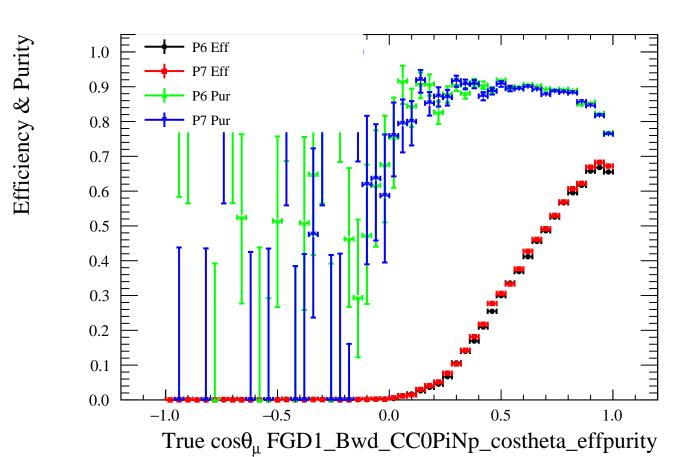


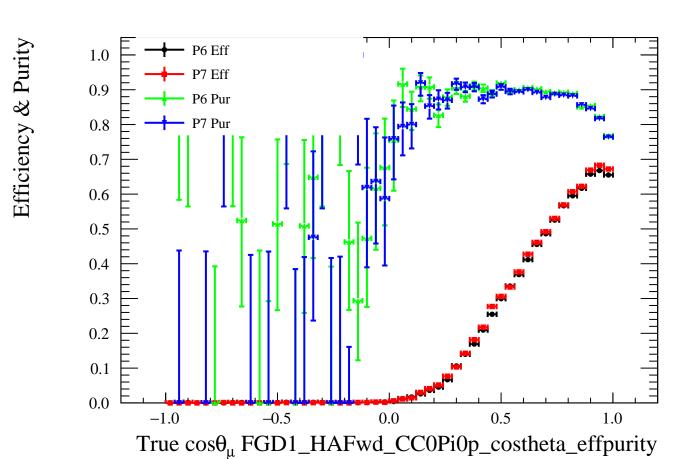


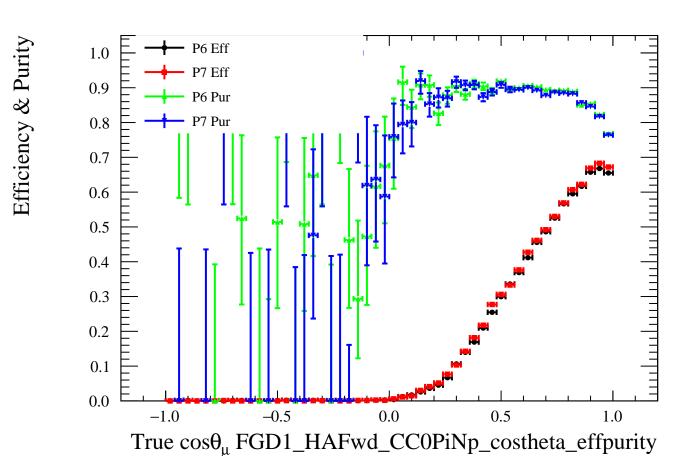


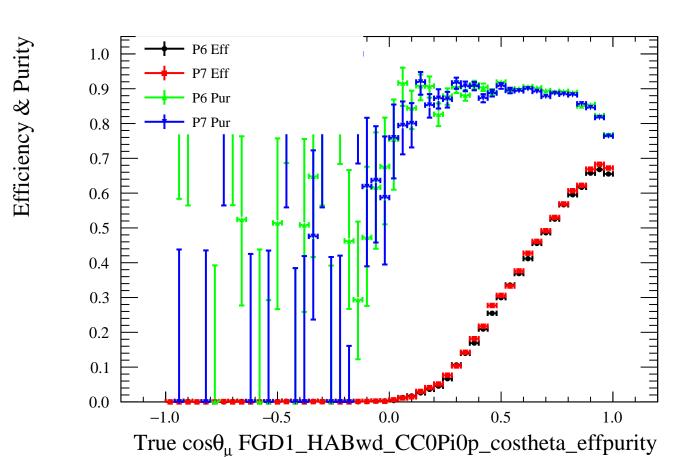


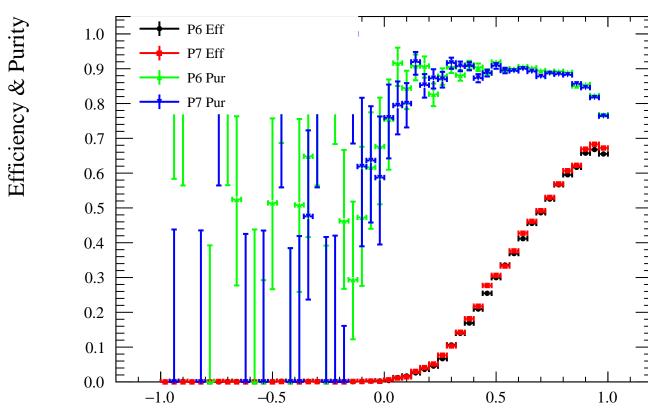




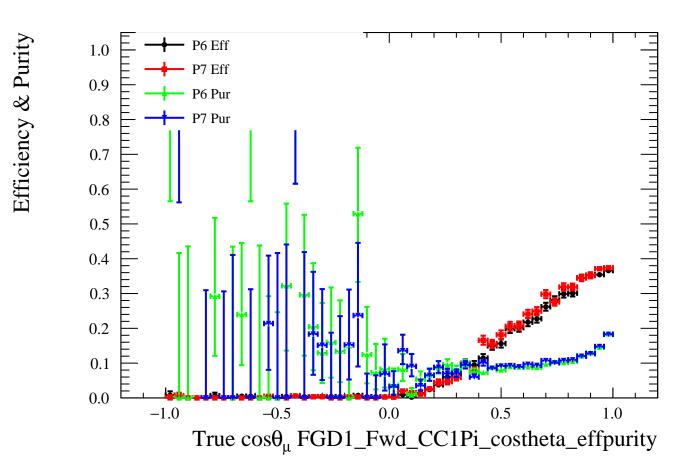


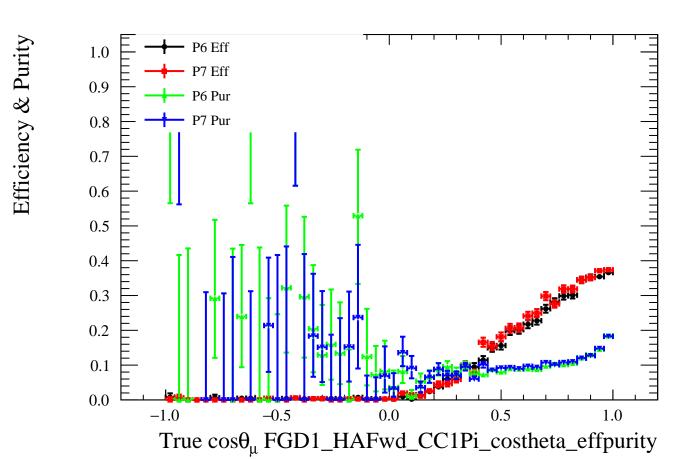


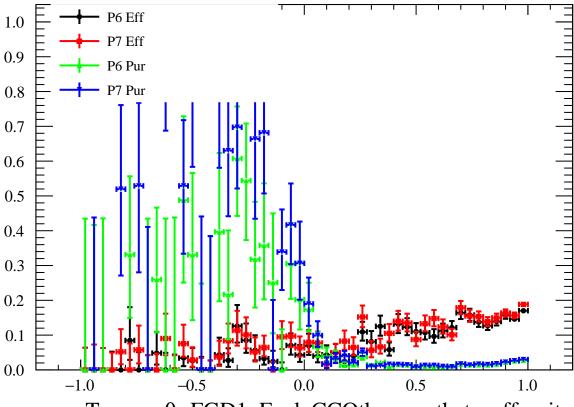




True  $cos\theta_{\mu}$  FGD1\_HABwd\_CC0PiNp\_costheta\_effpurity







True  $cos\theta_{\mu}$  FGD1\_Fwd\_CCOther\_costheta\_effpurity

