

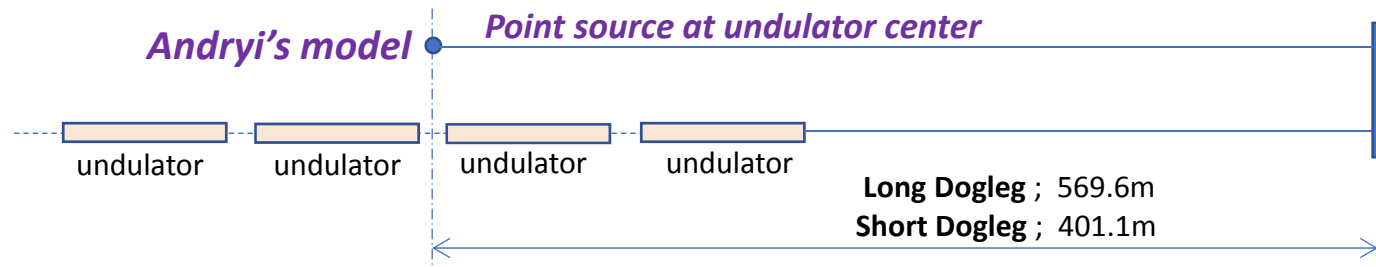
***Photon distribution of undulator  
for  $E=125\text{GeV}$  beam***

*Toshiyuki OKUGI, KEK*

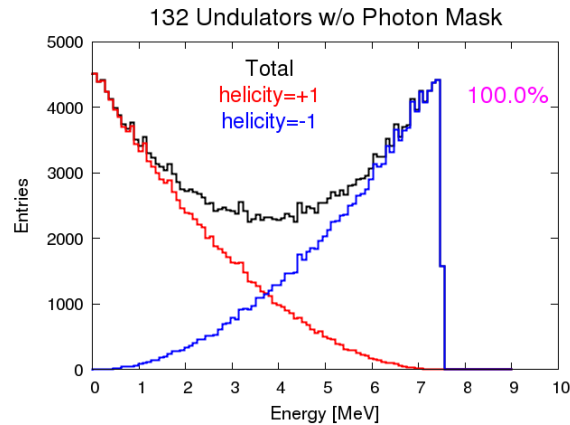
*2017/05/15*

*ILC domestic positron mtg.*

# Effect of Photon masks in between undulators

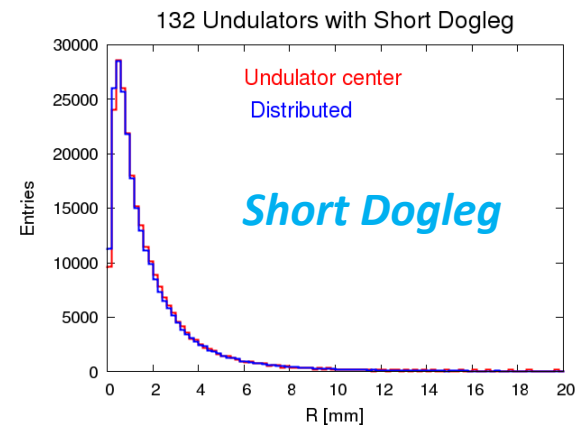
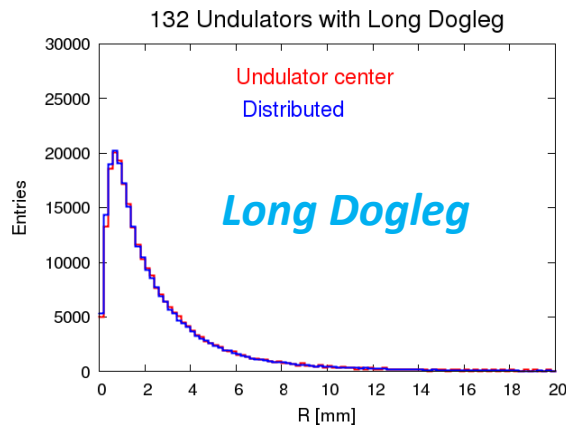


## Energy distribution of emitted photon ( only for 1<sup>st</sup> harmonic )

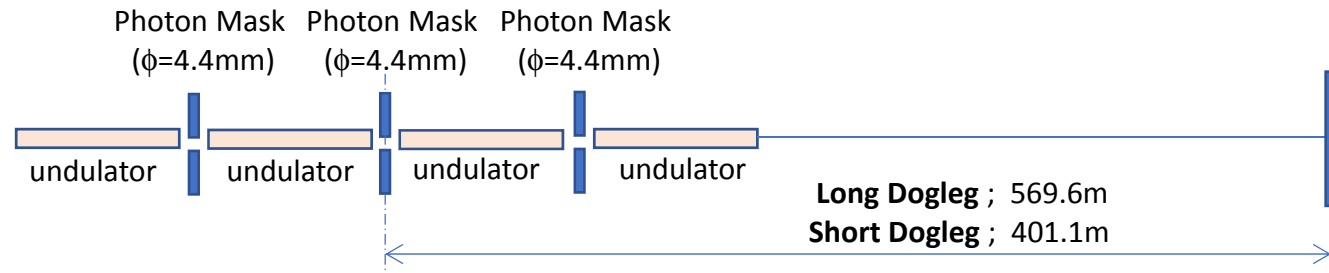


Assumed 1<sup>st</sup> harmonic only

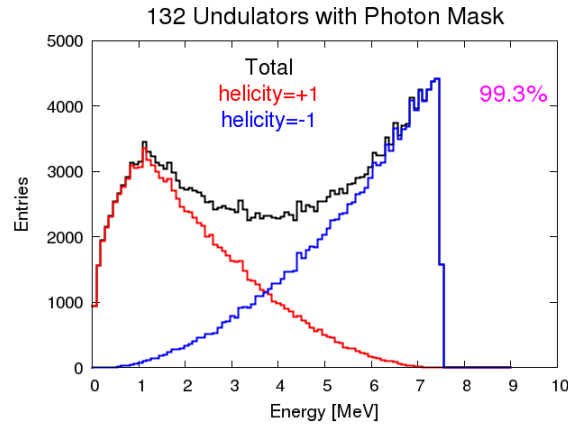
## Angular distribution at target ( only for 1<sup>st</sup> harmonic )



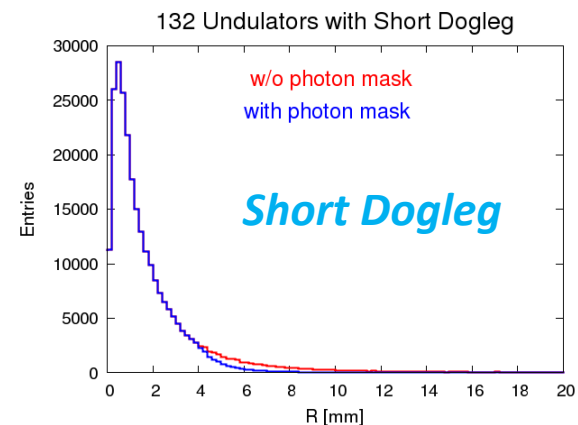
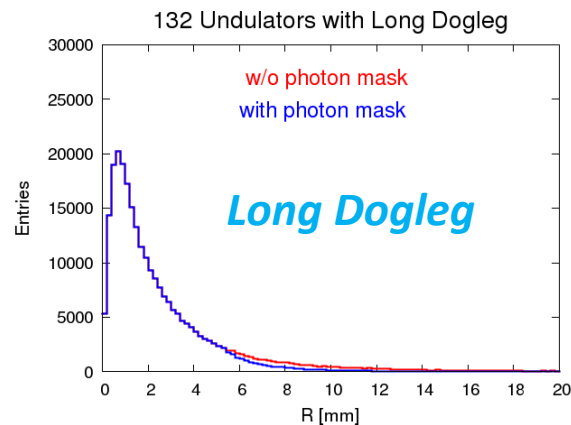
# Effect of Photon masks in between undulators



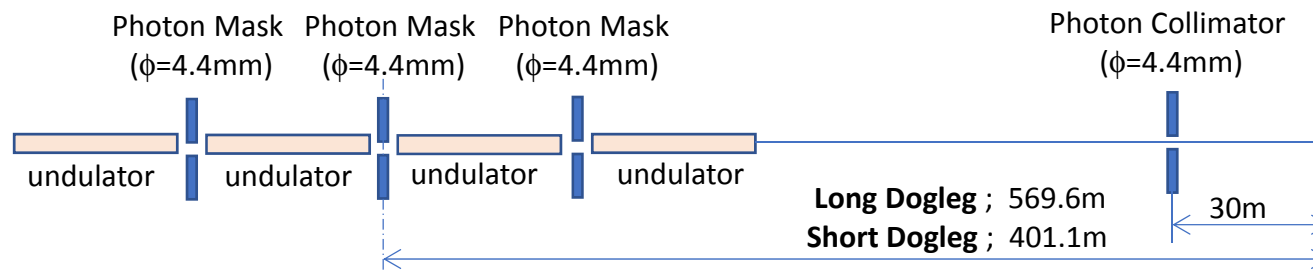
## Energy distribution of emitted photon ( only for 1<sup>st</sup> harmonic )



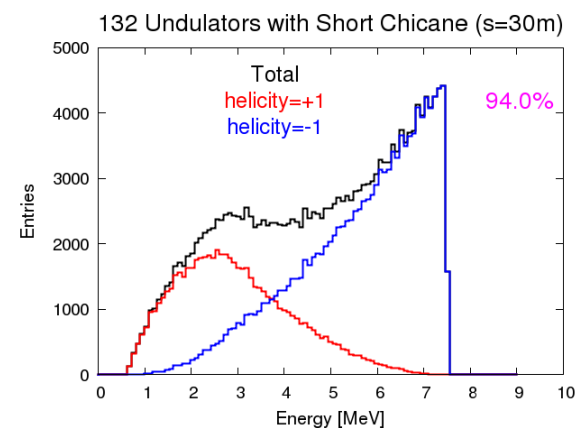
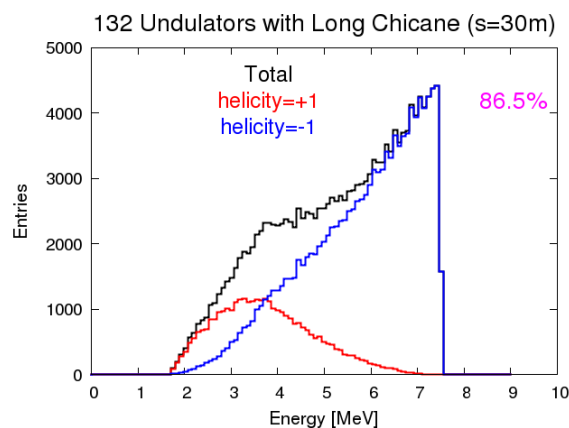
## Angular distribution at target ( only for 1<sup>st</sup> harmonic )



# Photon collimator at the entrance of target



## Energy distribution of emitted photon ( only for 1<sup>st</sup> harmonic )



## Angular distribution at target ( only for 1<sup>st</sup> harmonic )

