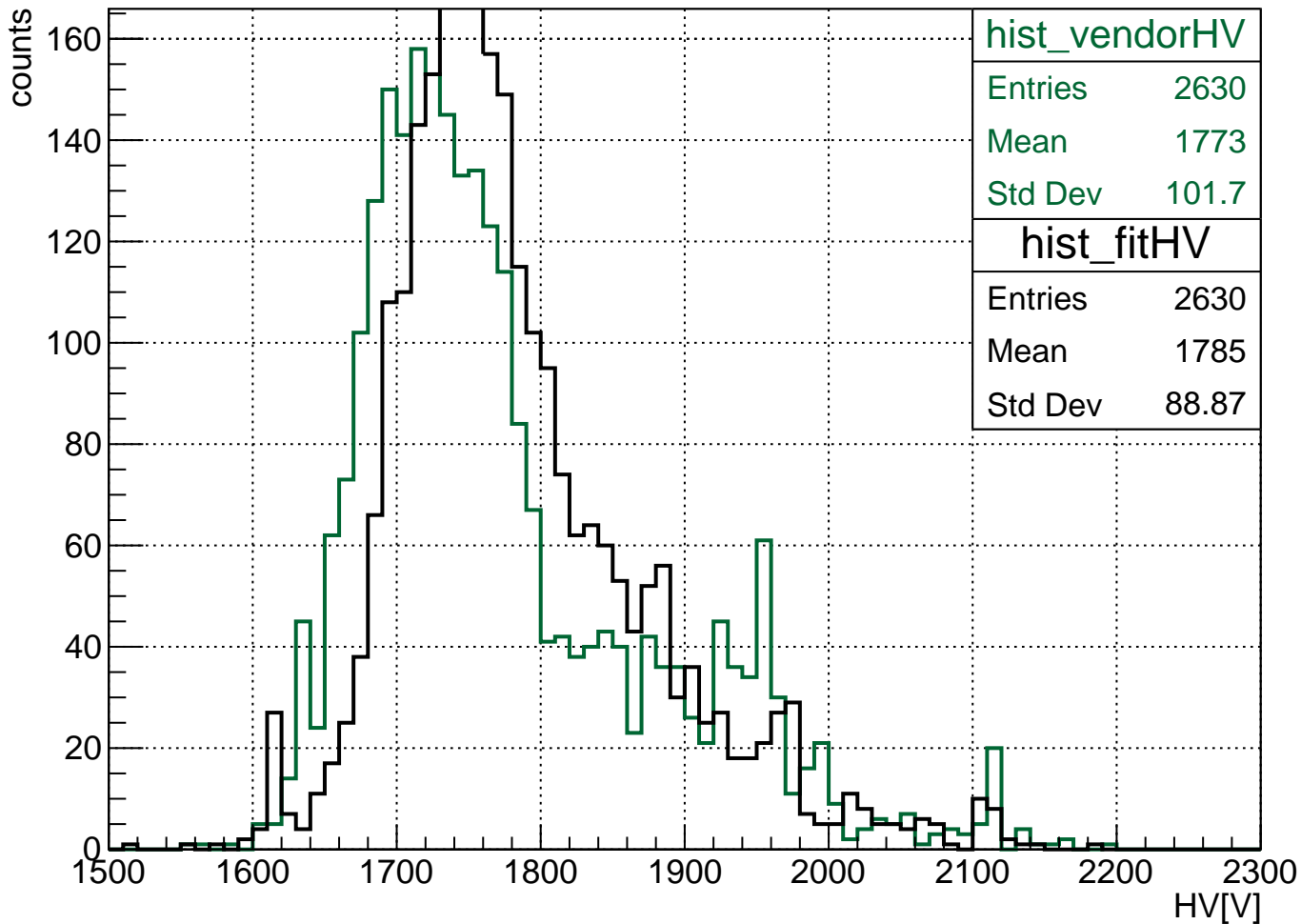
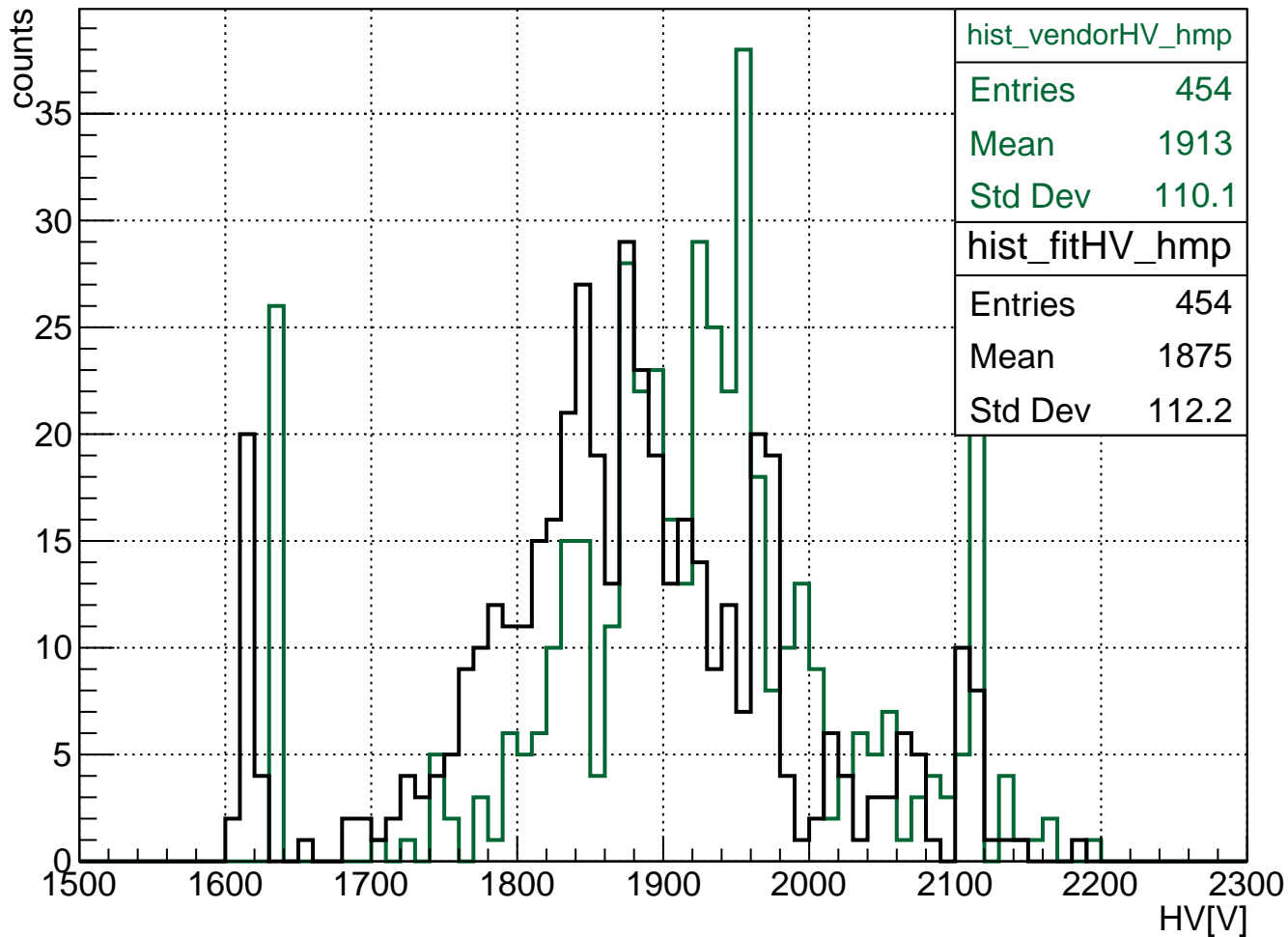


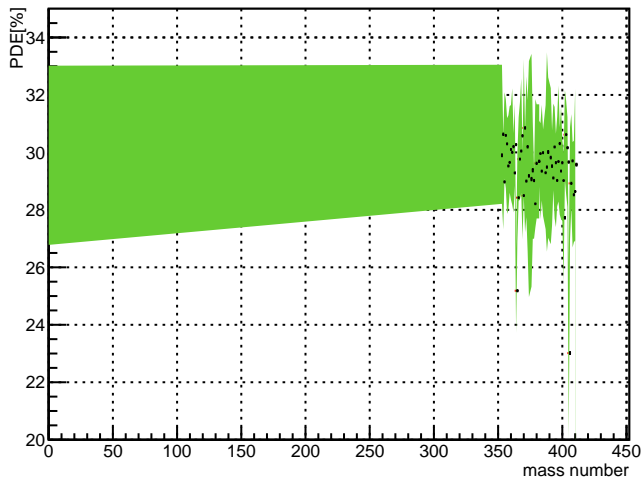
# vendor and fit HV of all PMT



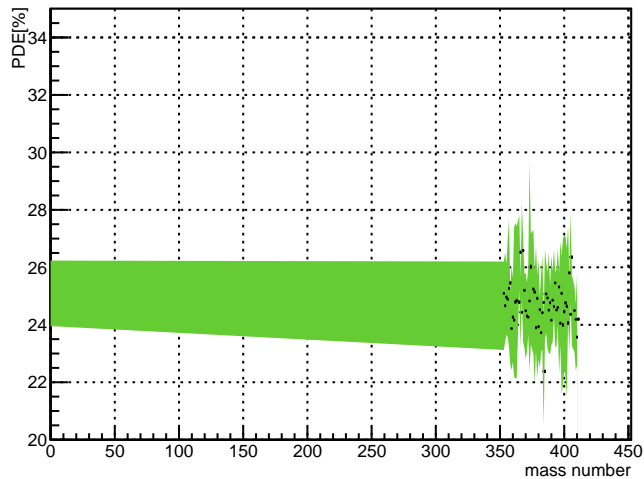
# vendor and fit HV of HMP PMT



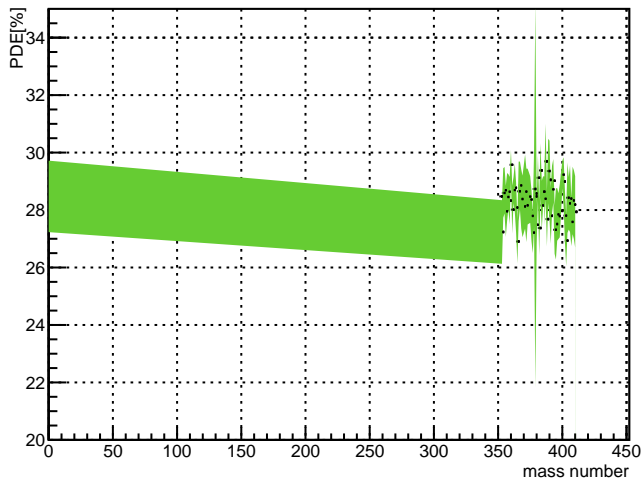
PDE of reference PMT EA0419



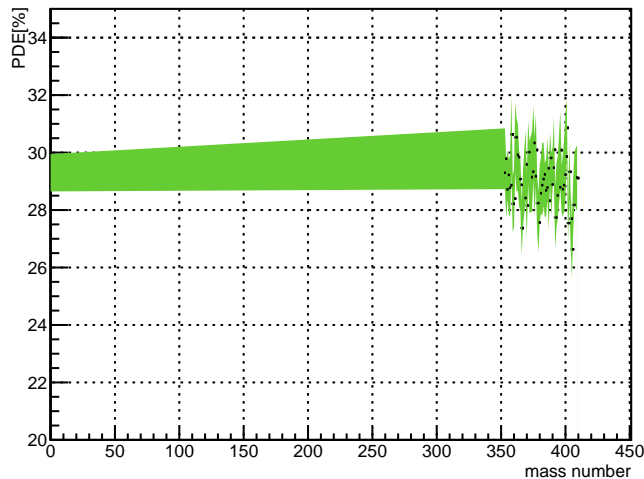
PDE of reference PMT EA1578



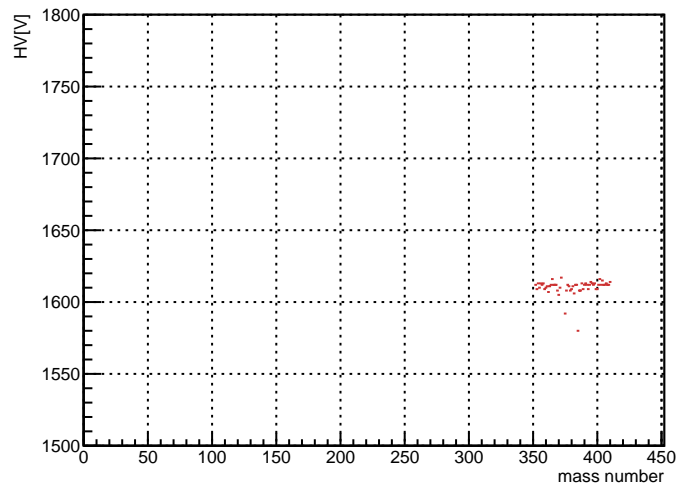
PDE of reference PMT PA1705-117



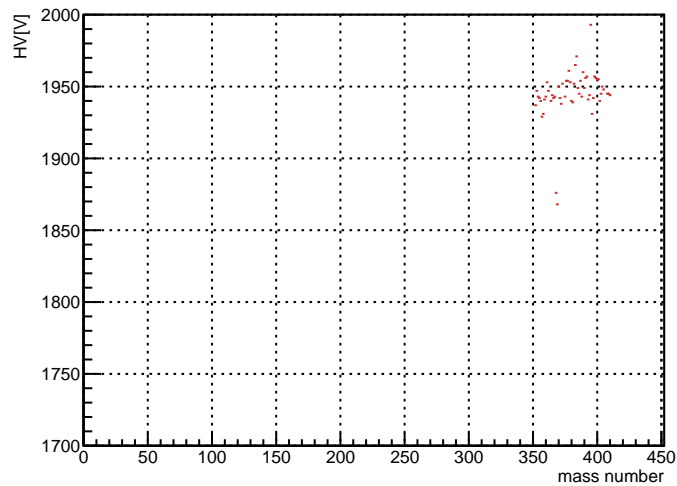
PDE of reference PMT PA1704-731



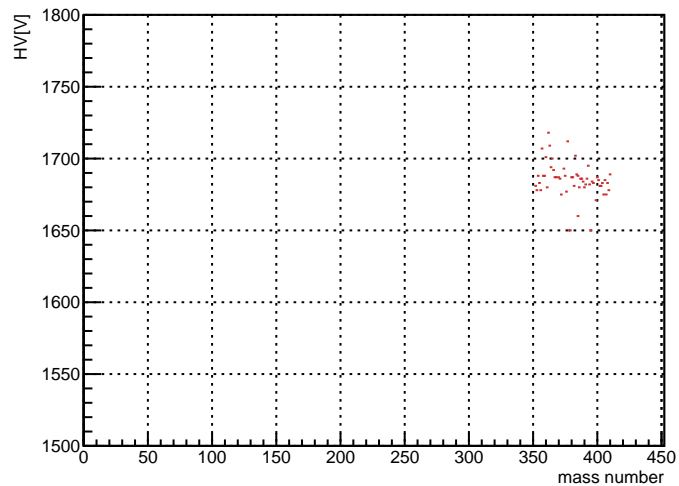
fitted HV of reference PMT EA1578



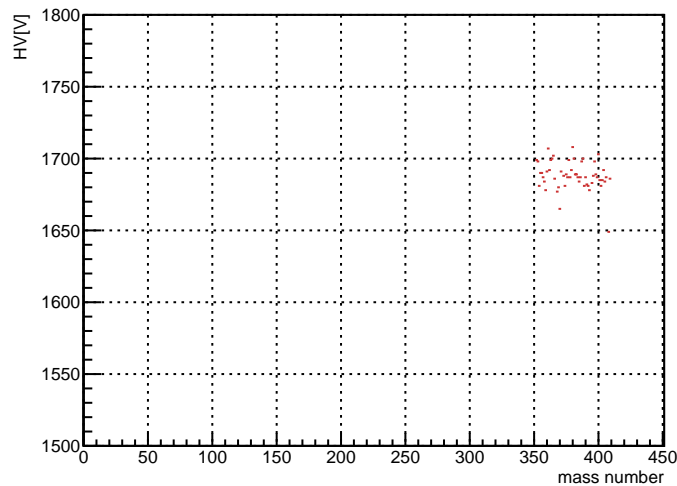
fitted HV of reference PMT EA1578



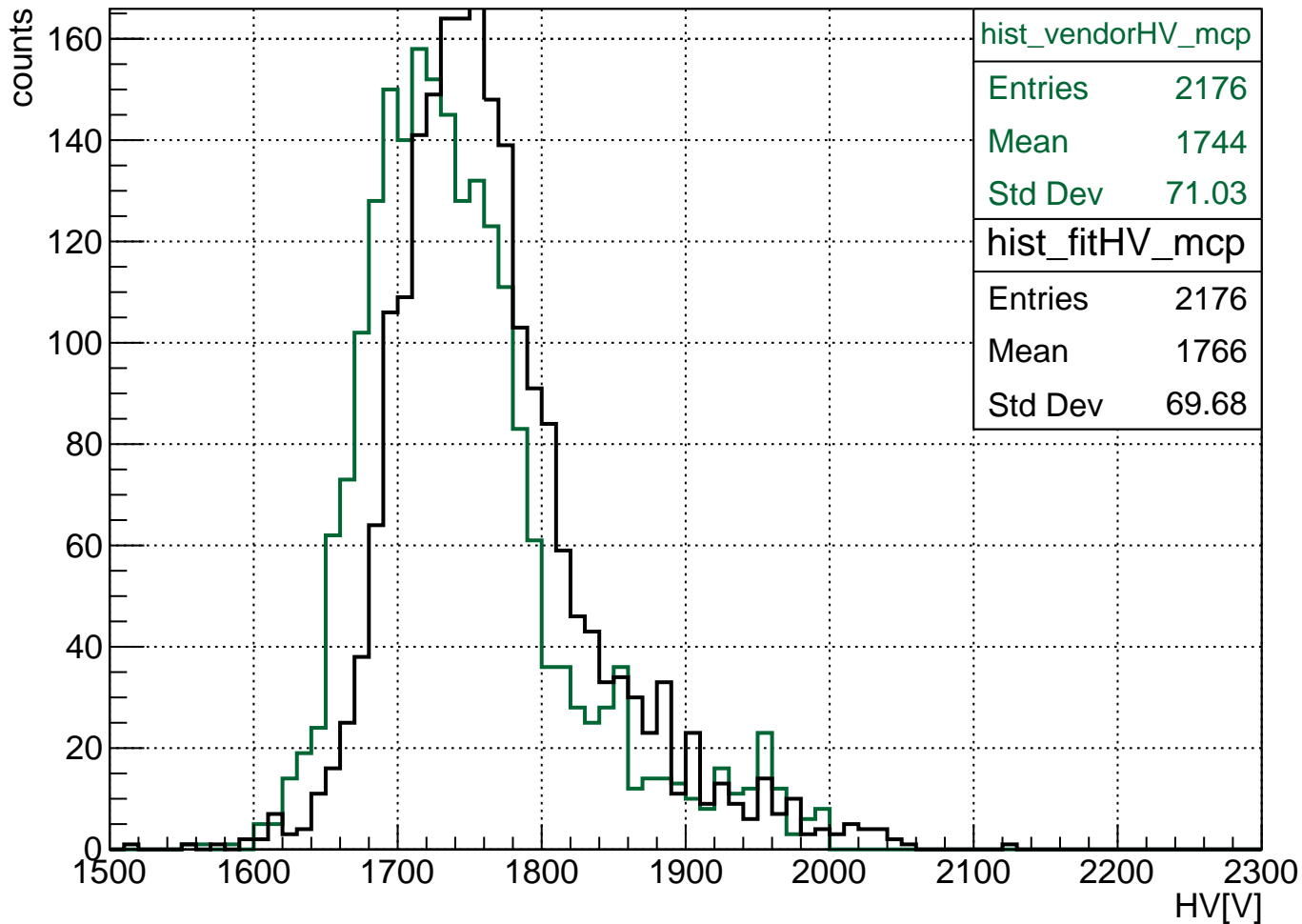
fitted HV of reference PMT PA1705-117



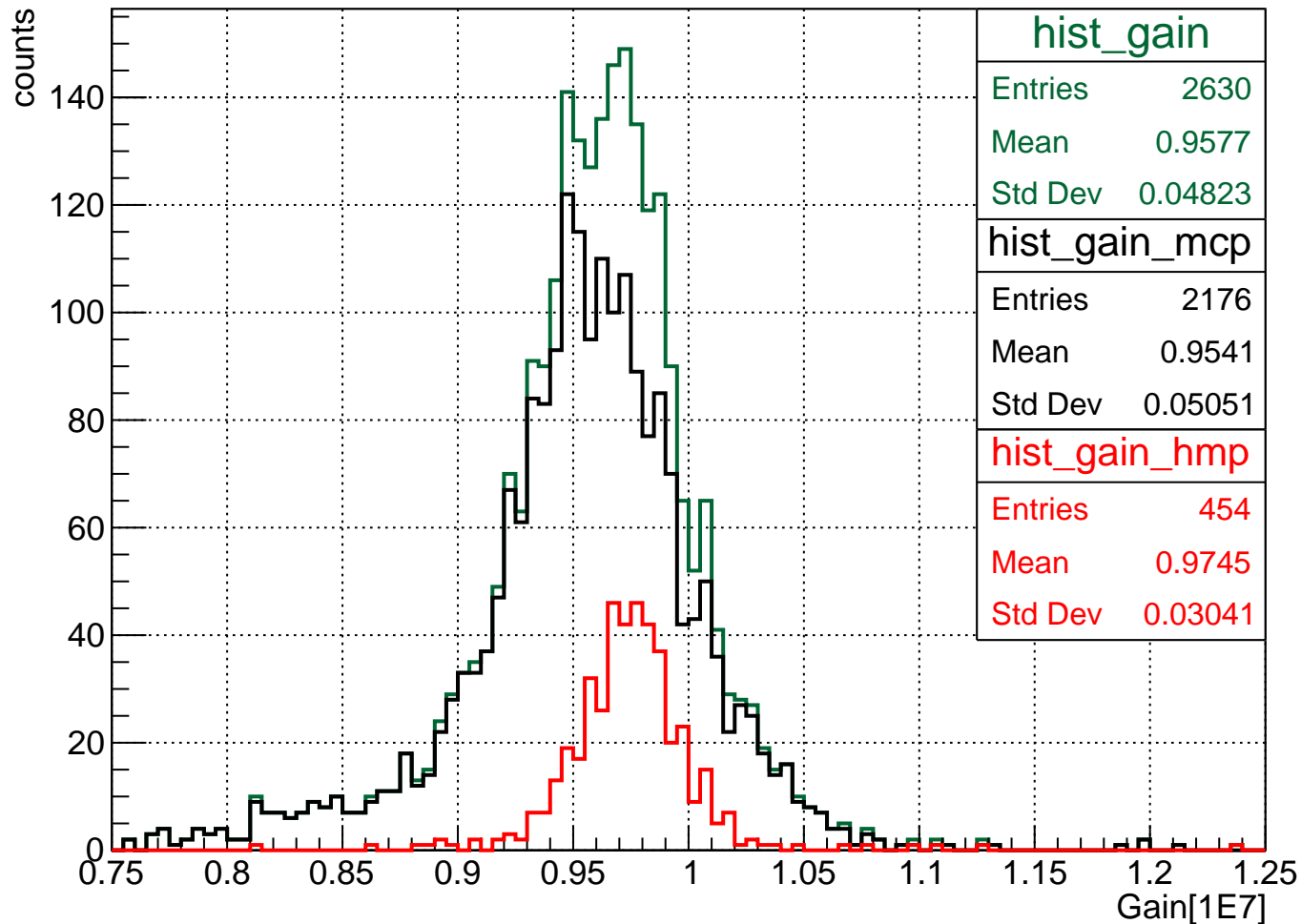
fitted HV of reference PMT PA1704-731



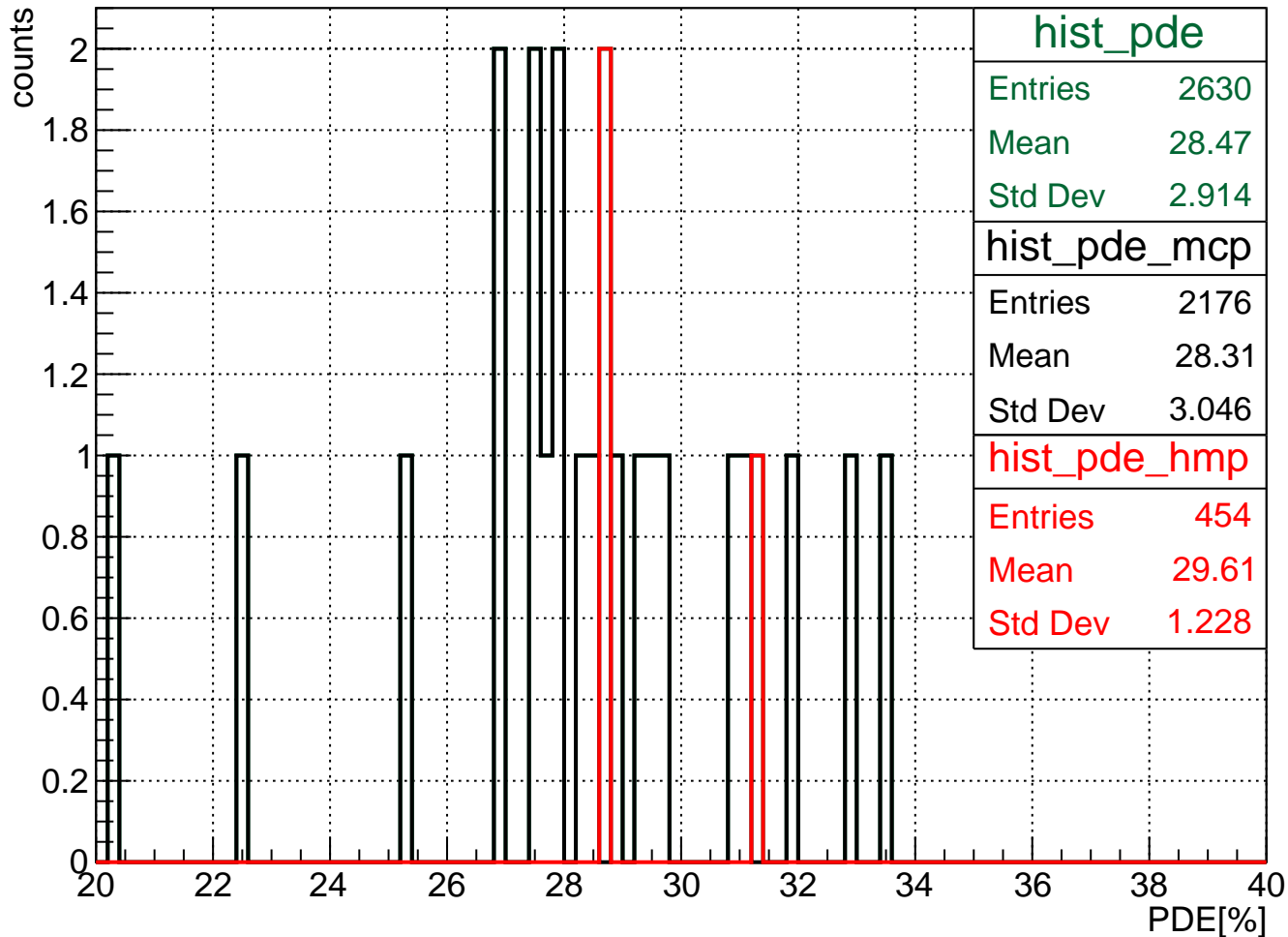
# vendor and fit HV of MCP PMT



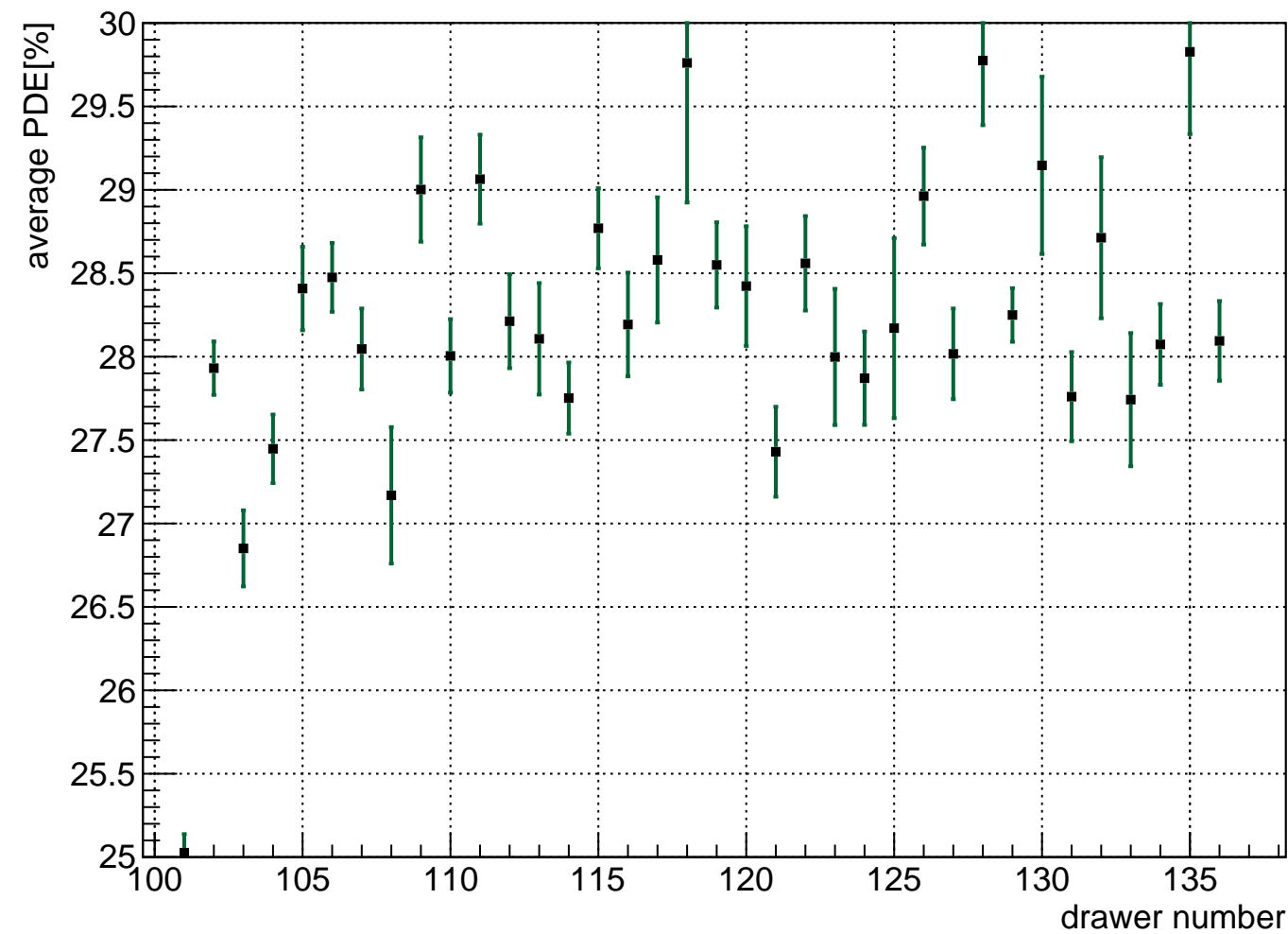
# Gain of PMT



# PDE

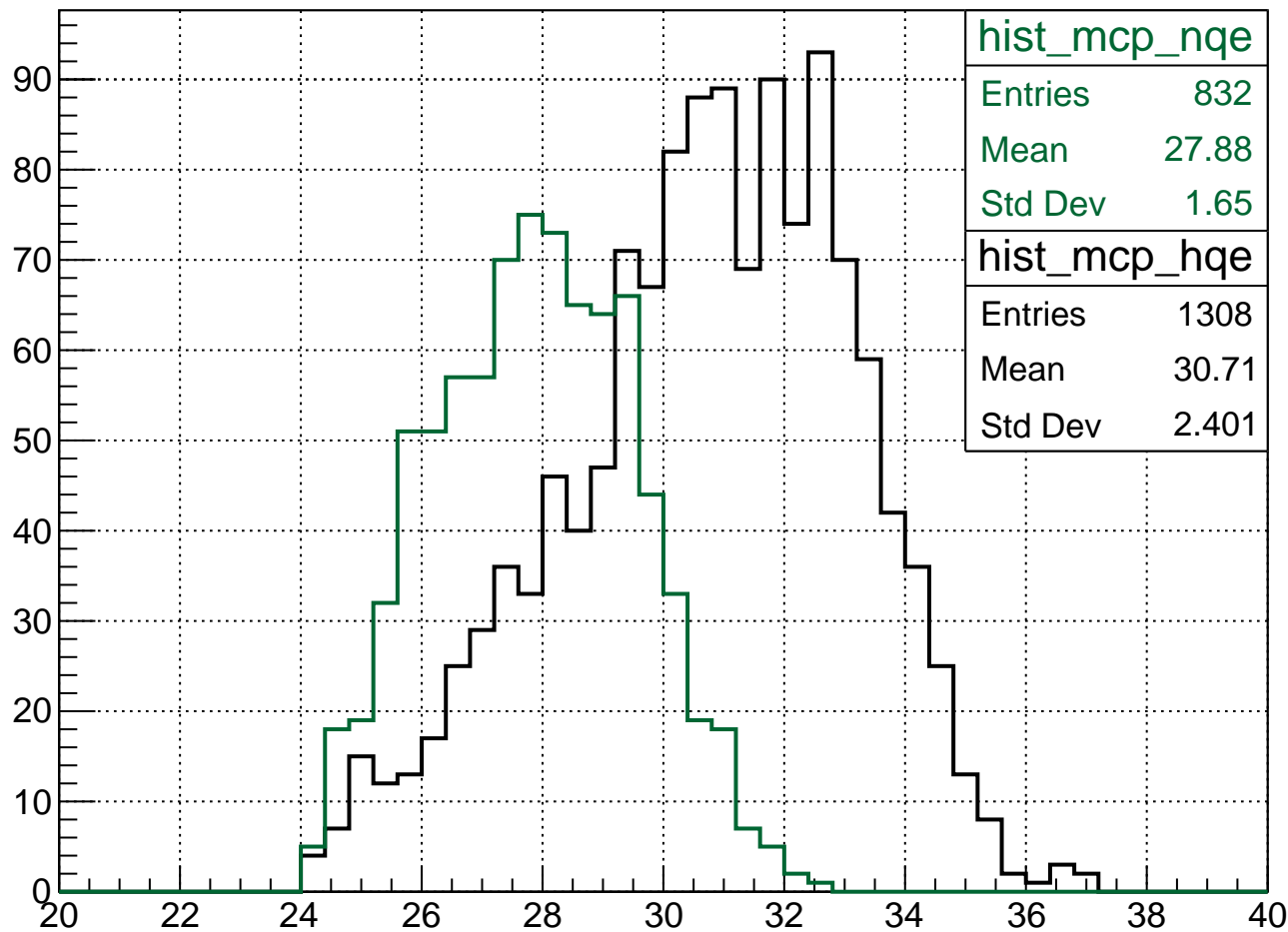


# average PDE(MCP)

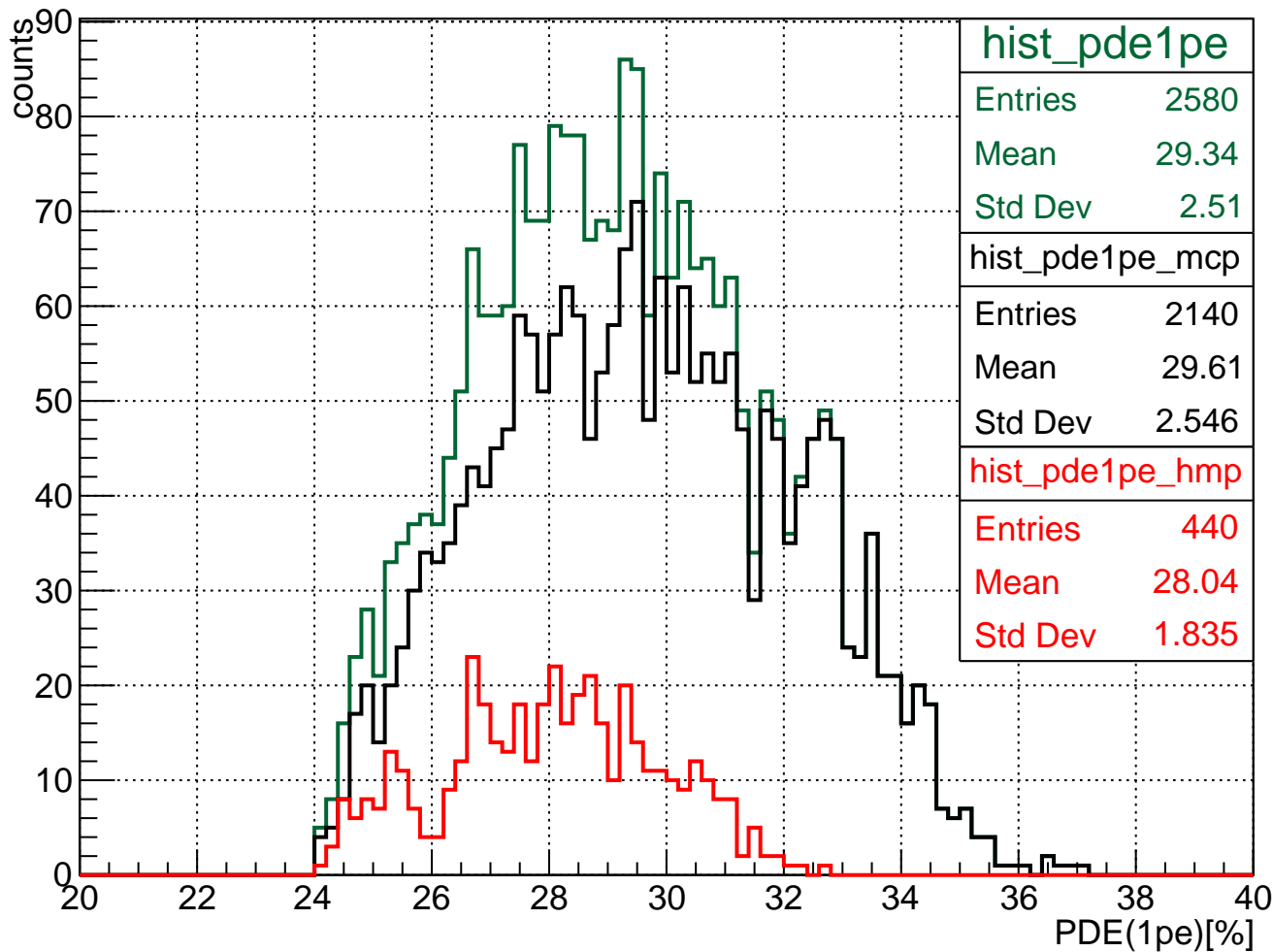




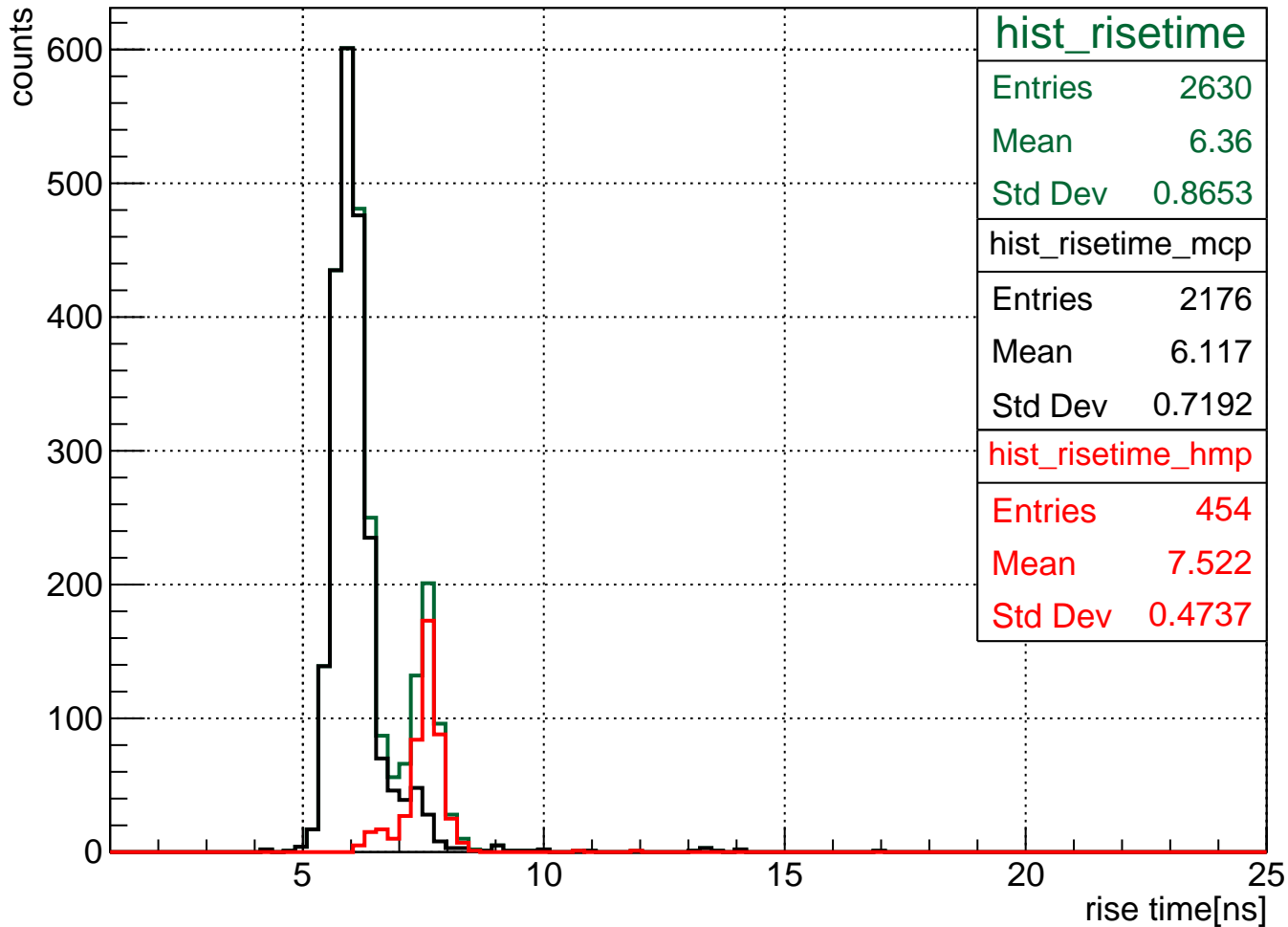
# PDE(MCP)



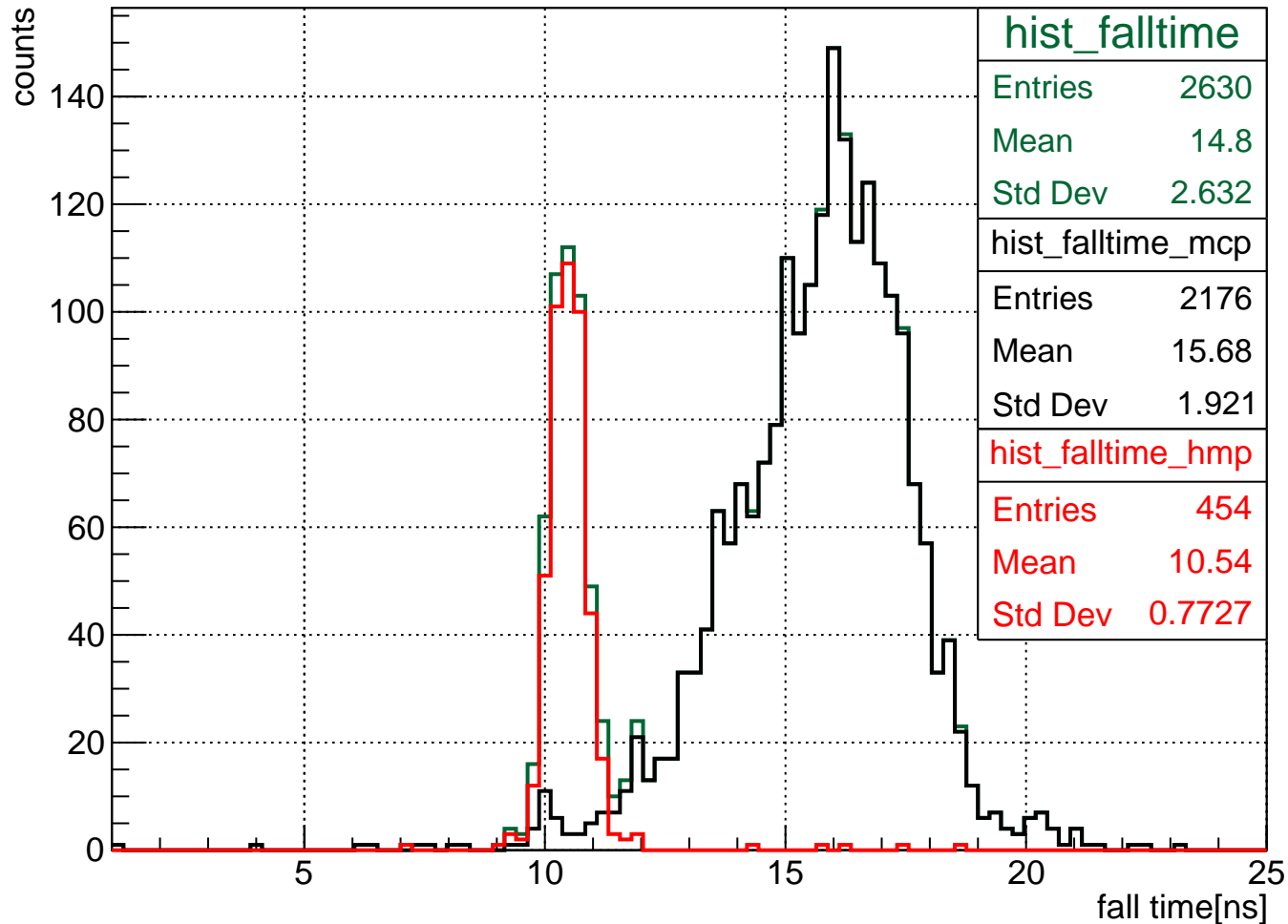
# PDE(1pe)



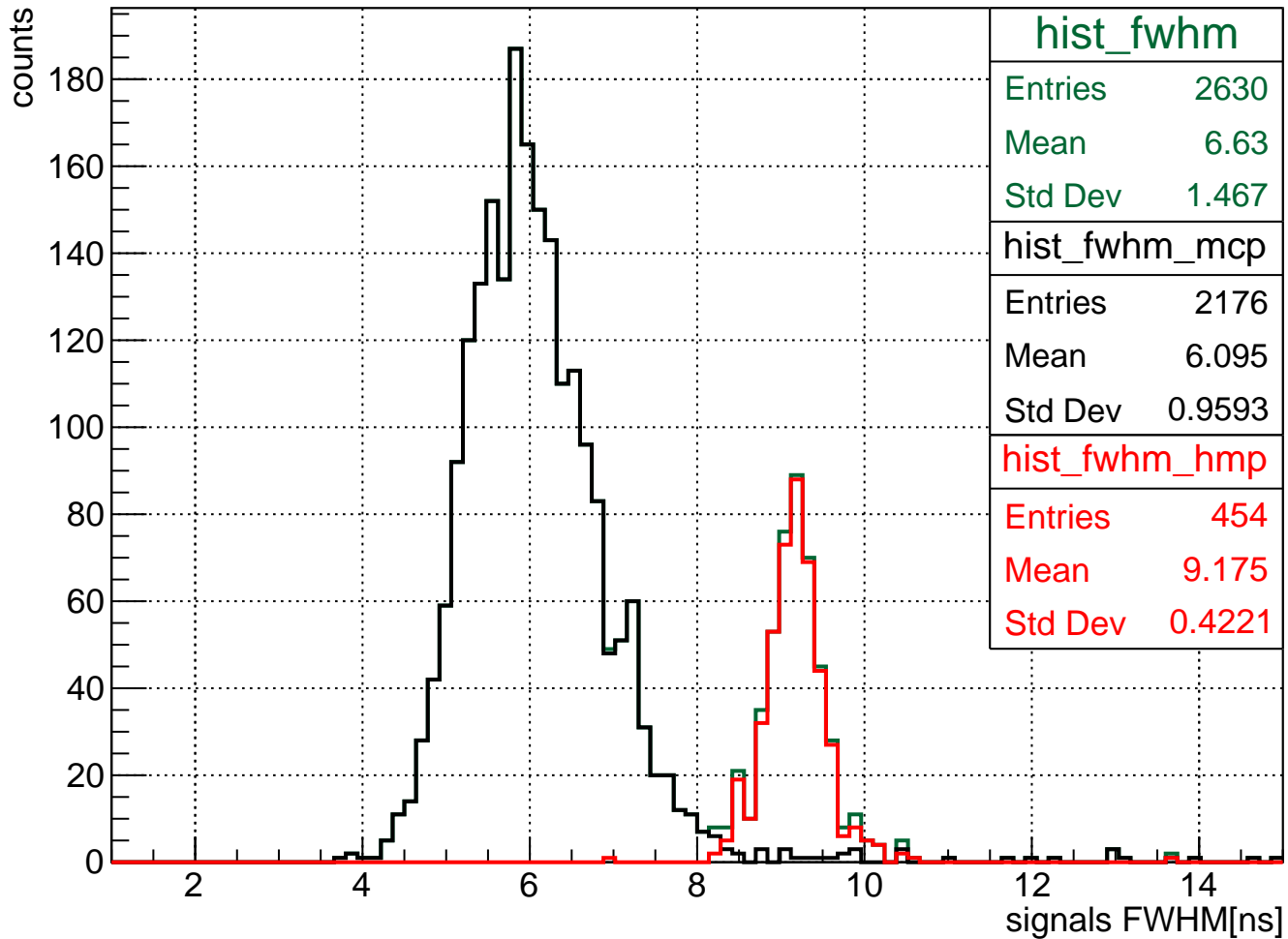
# rise time



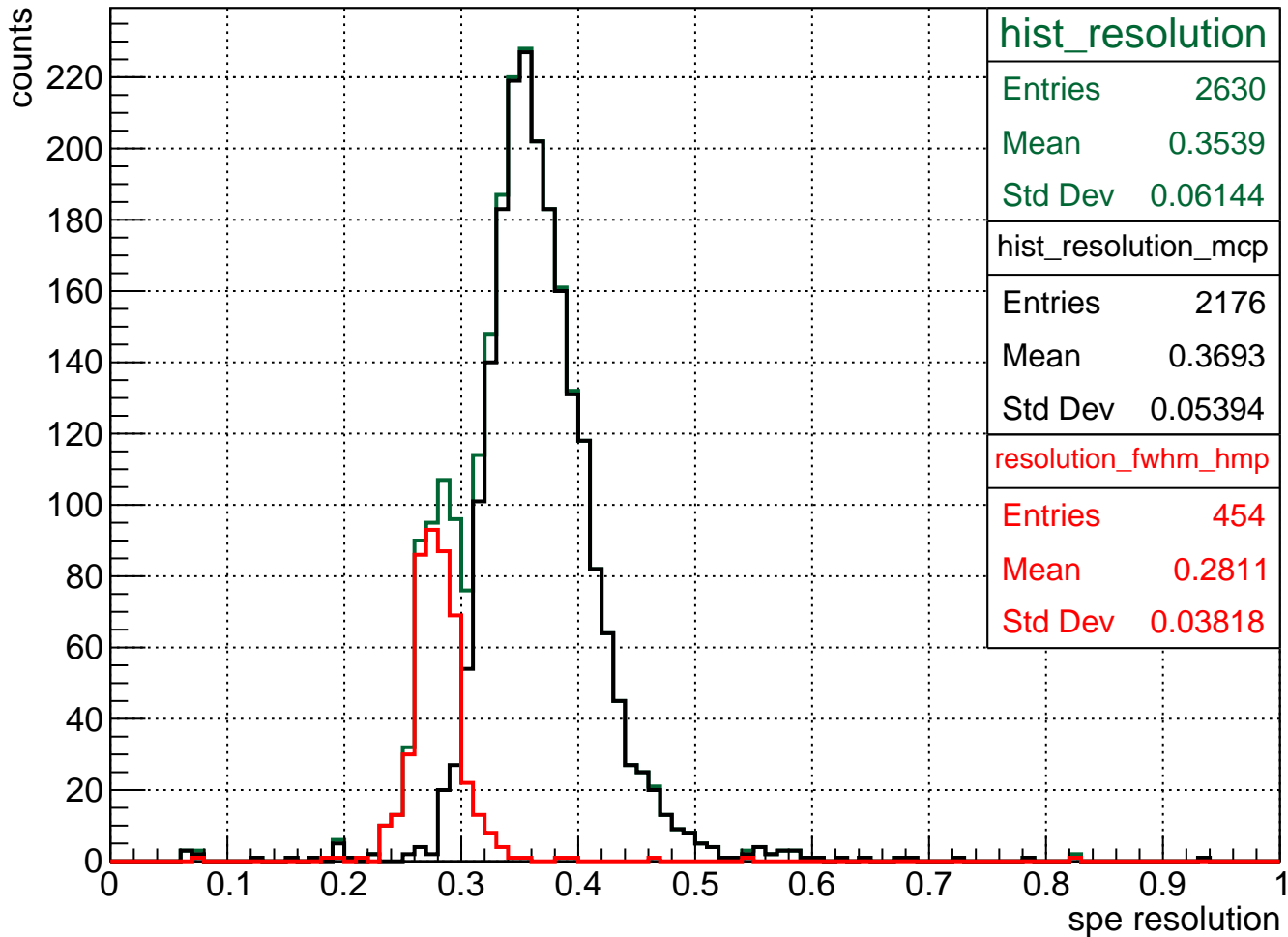
# fall time



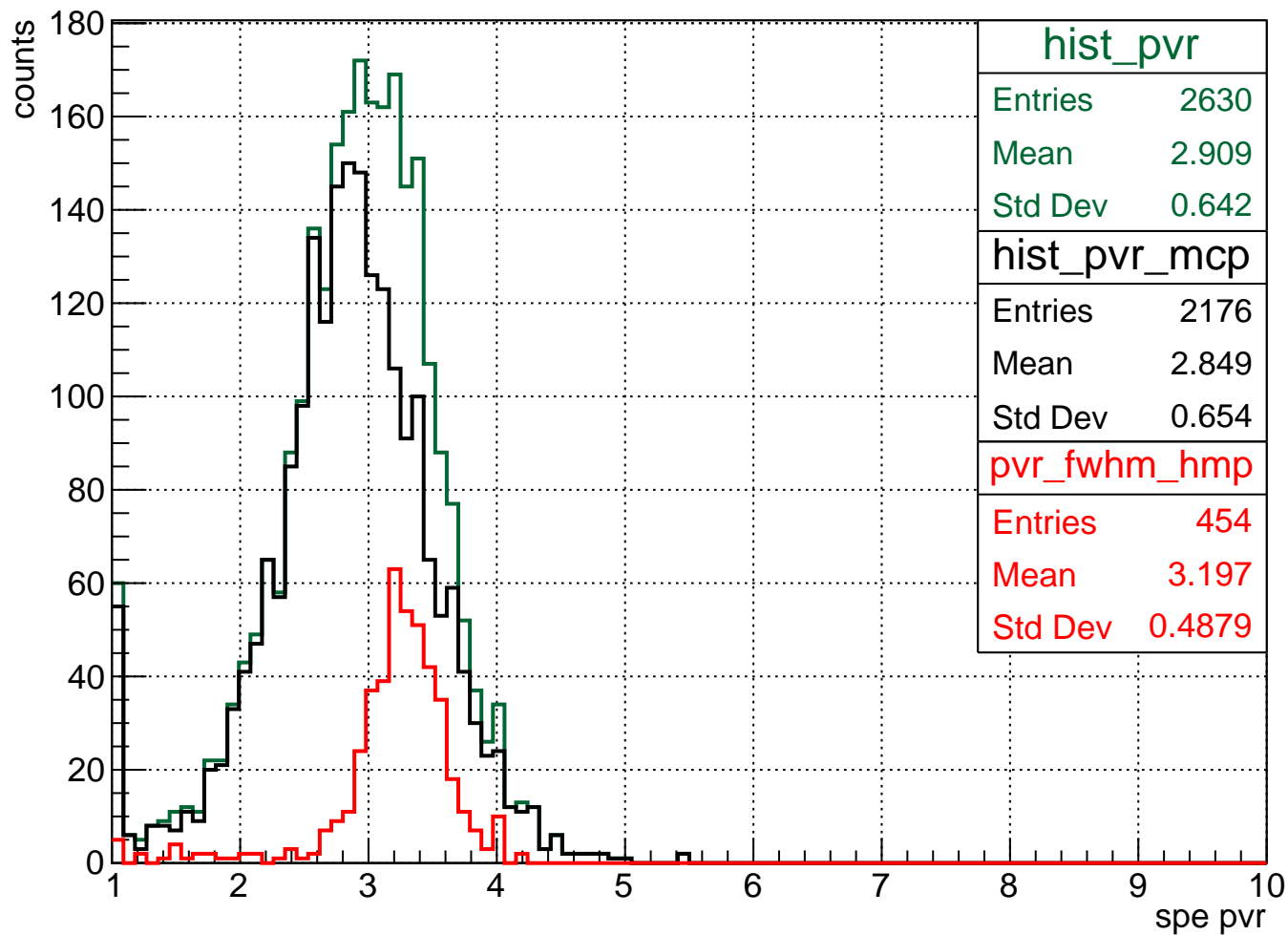
## FWHM



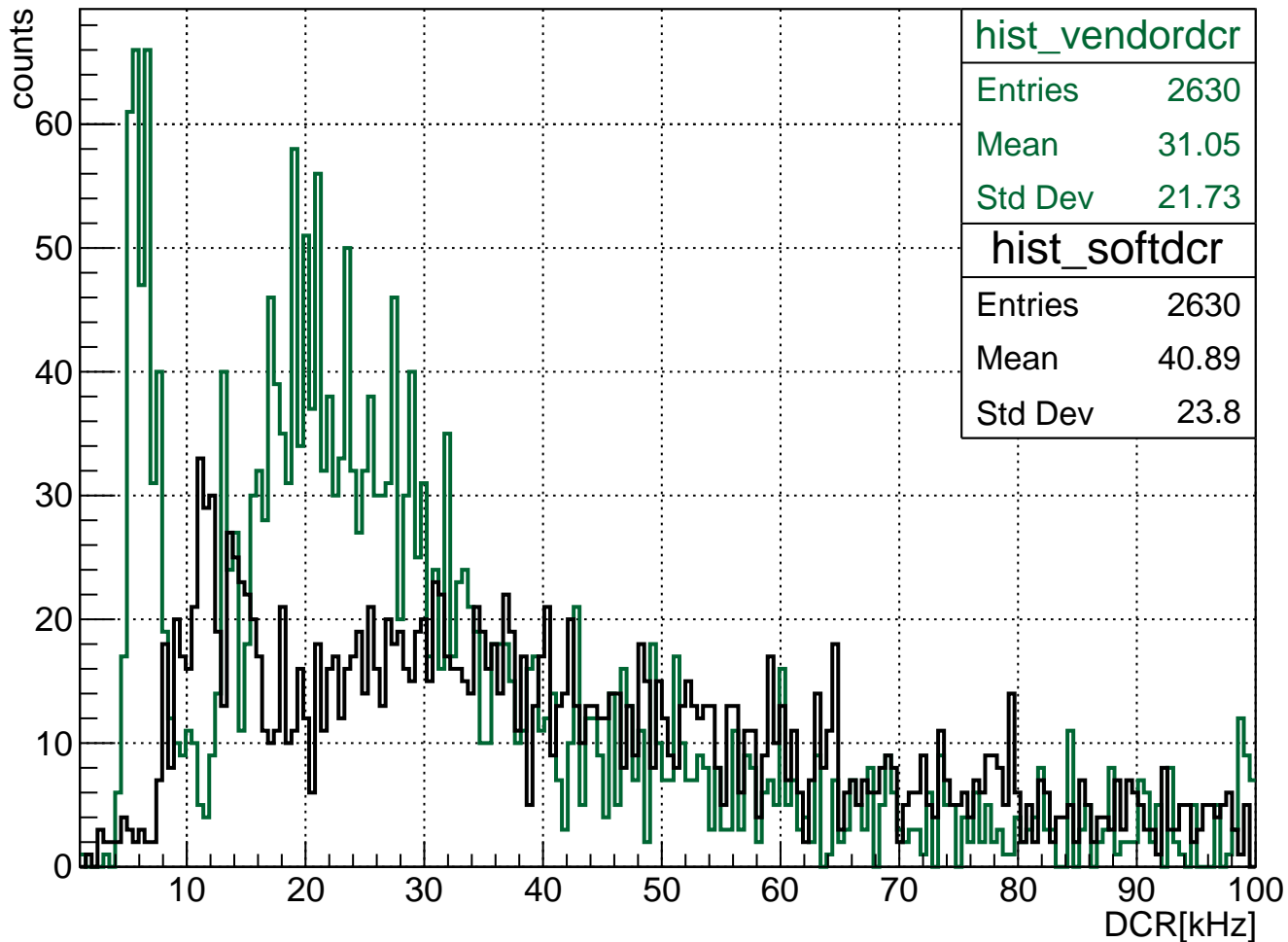
# resolution



pvr

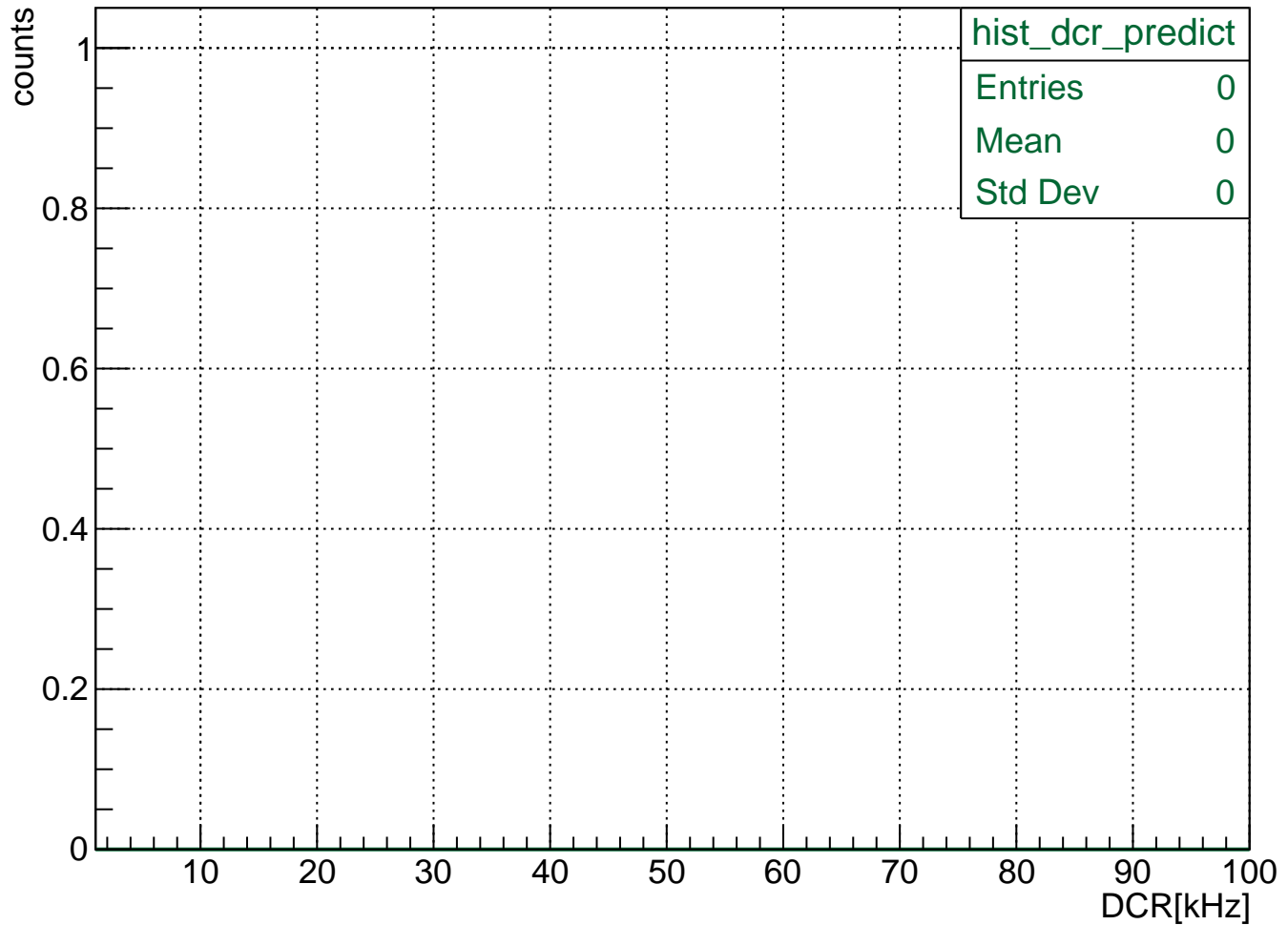


# vendor and soft dcr of all PMT

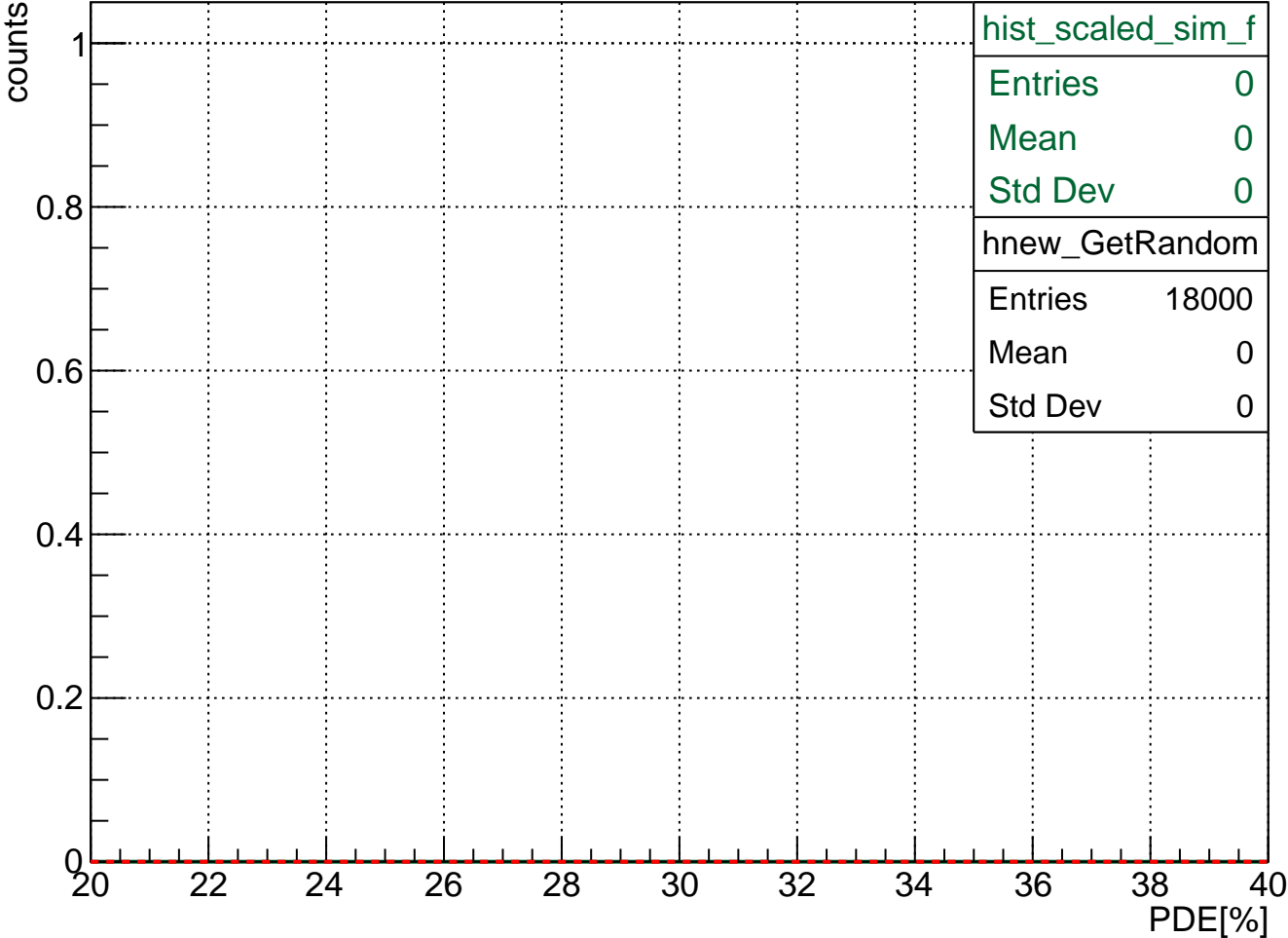




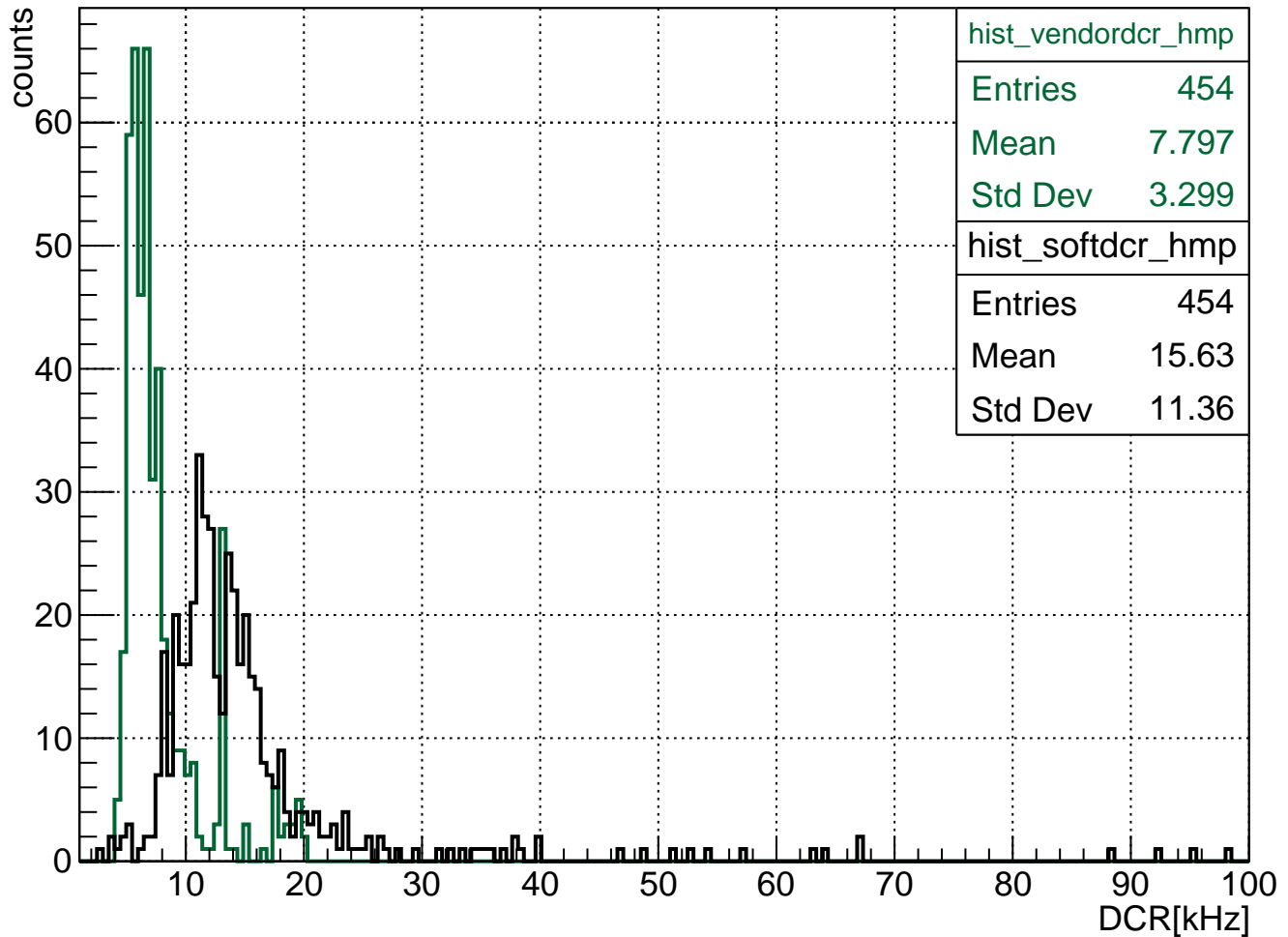
# softdcr\_all



predicted histogram of PDE from 13k MCP and 5k HAMAMATSU PMT



# vendor and soft dcr of HMP PMT



# vendor and soft dcr of MCP PMT

