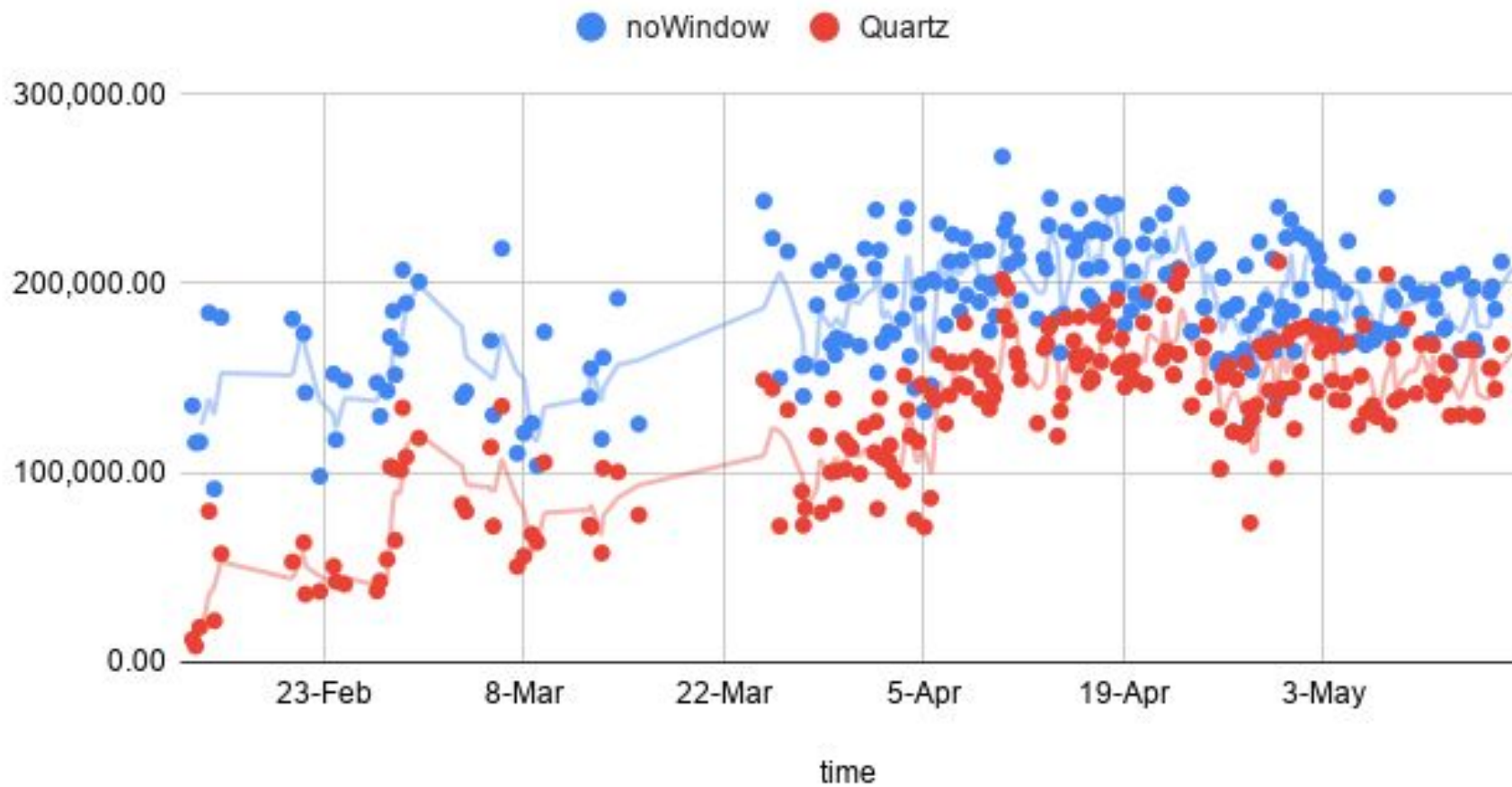


# ProtoDUNE-SP

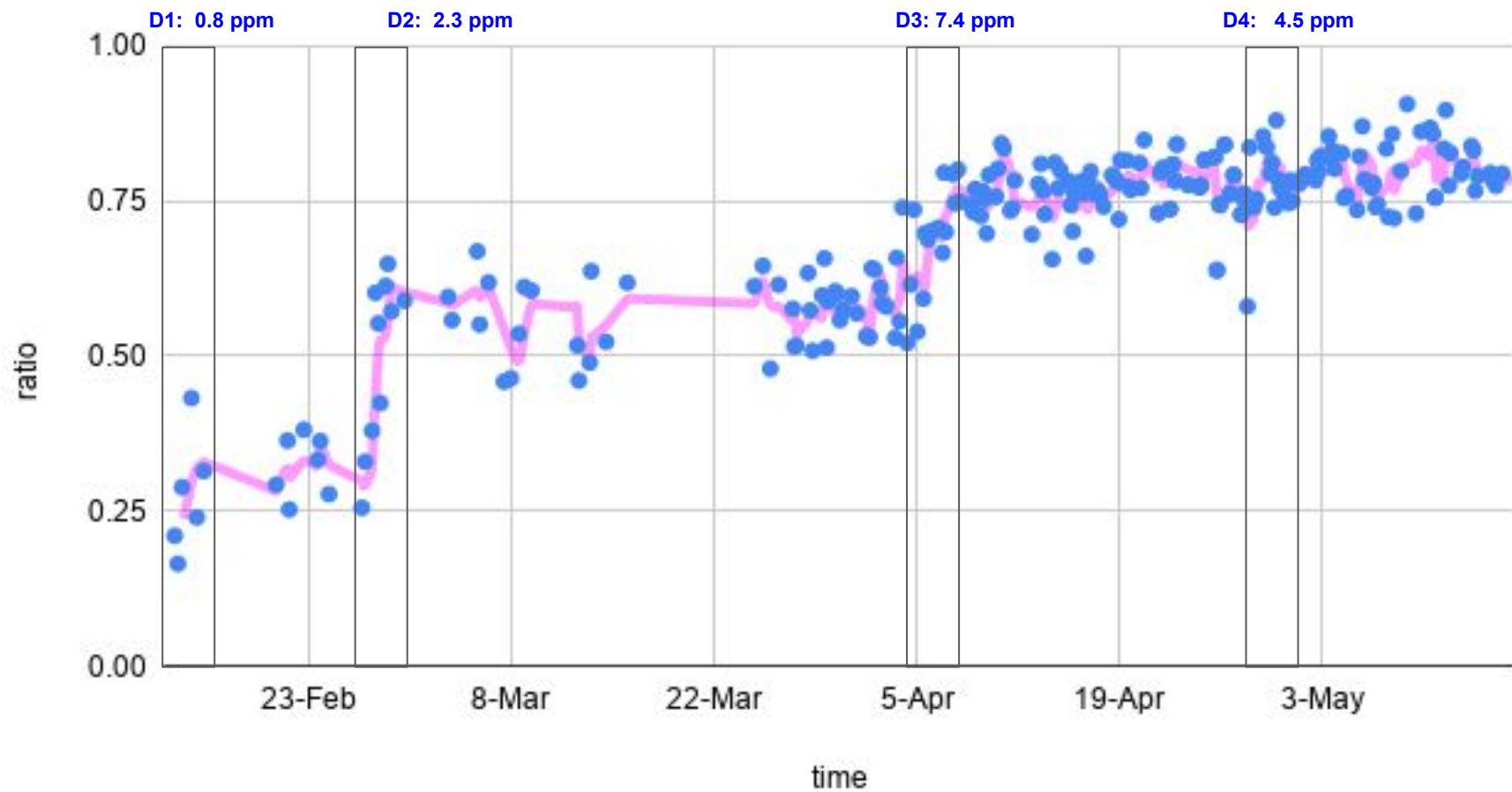
## Standalone Arapuca

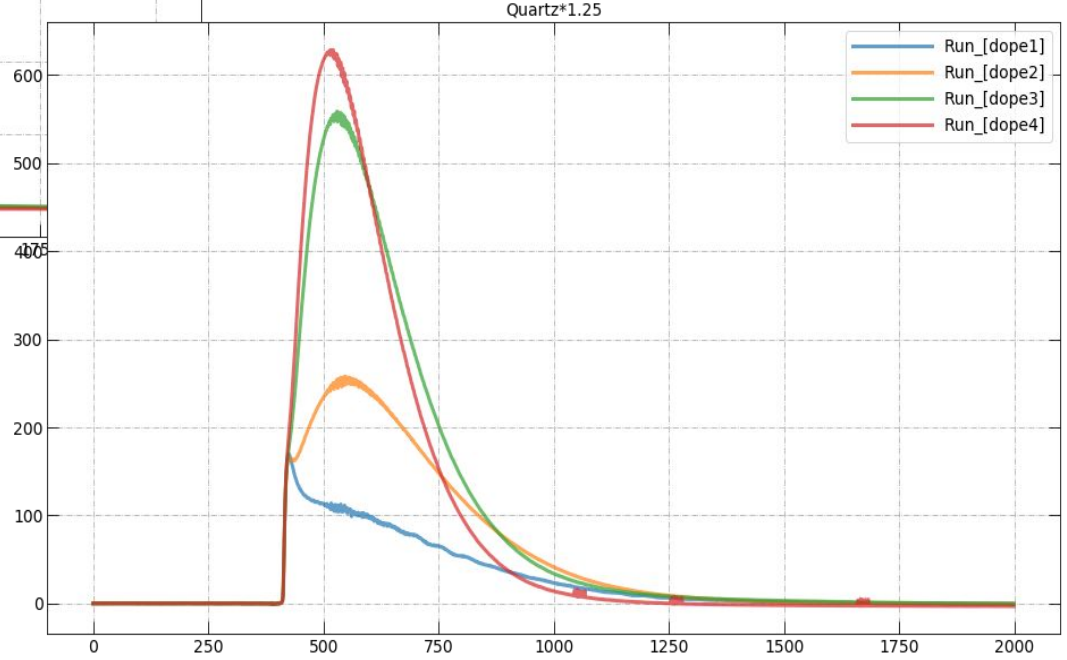
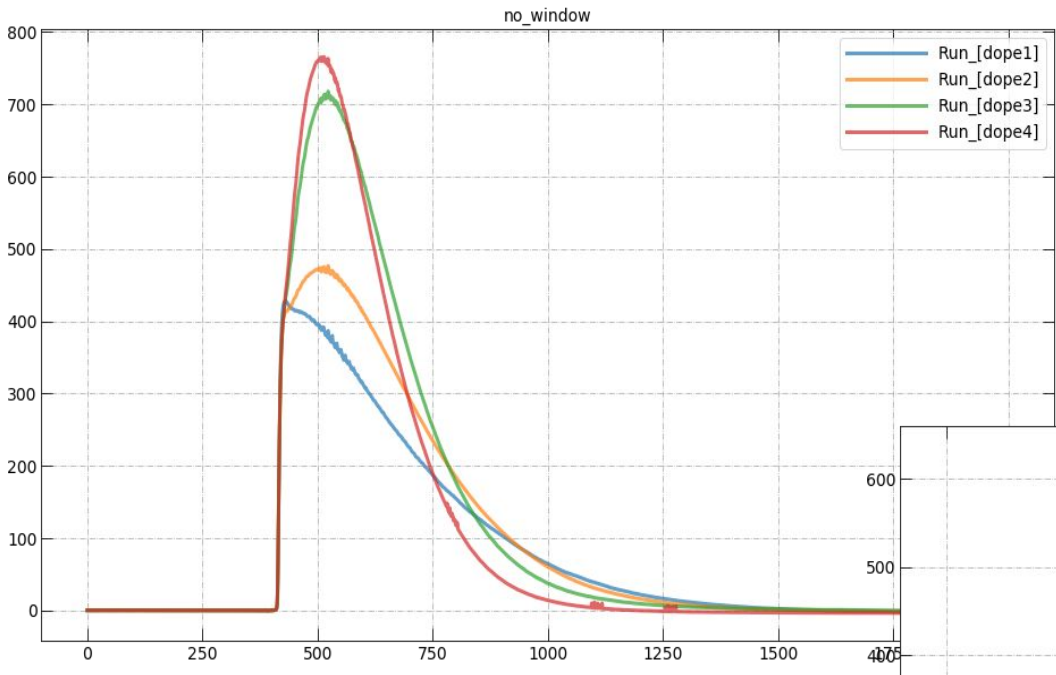
Furkan Dolek, Fatma Boran

# non and Quartz



# ratio vs. time





LAr

