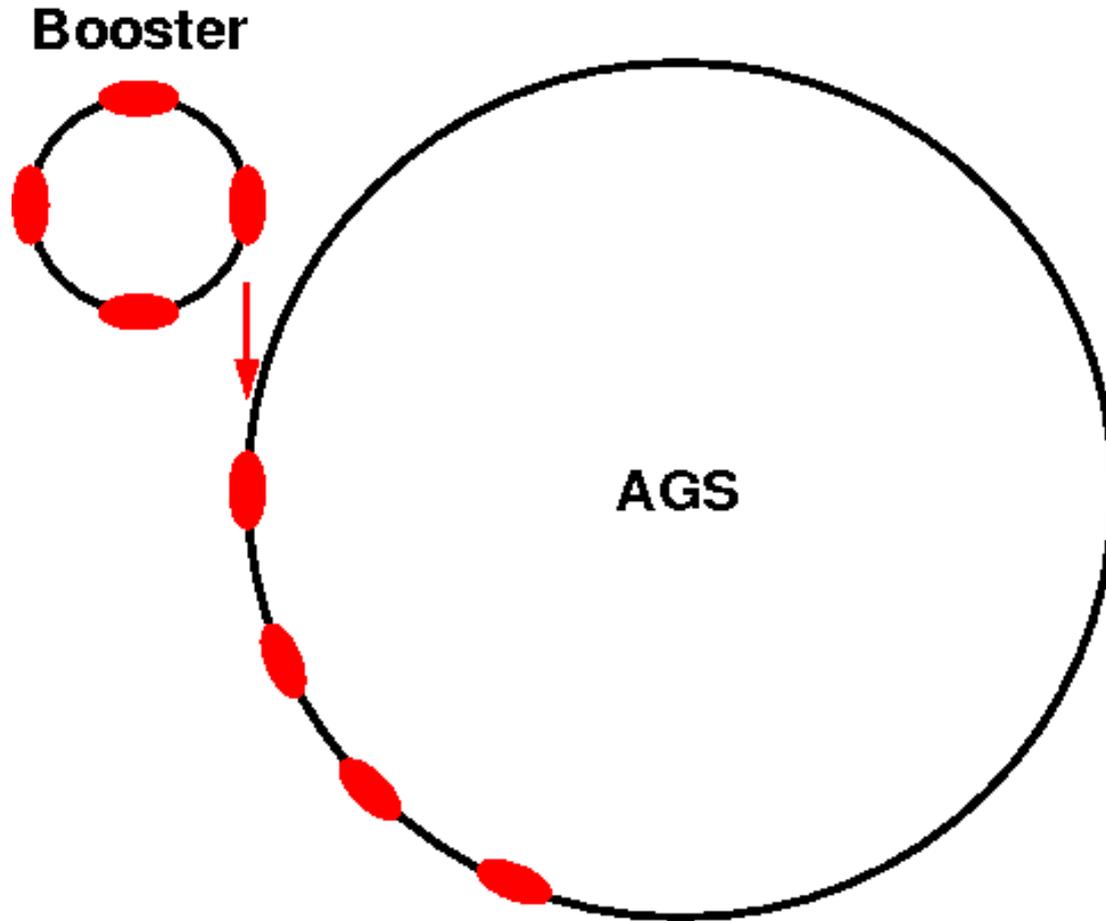


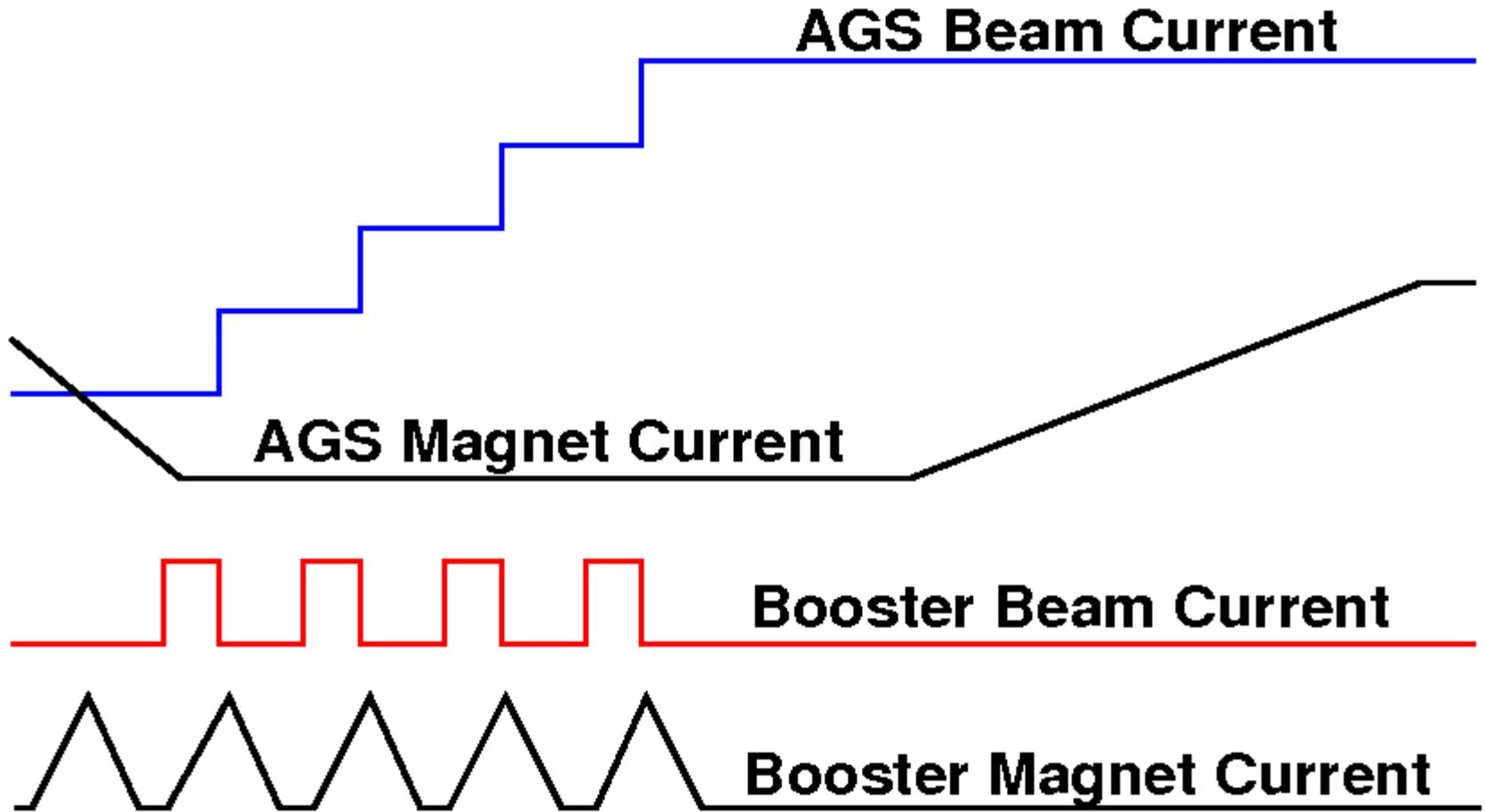
# EBIS Ions for RHIC

1 May 2012

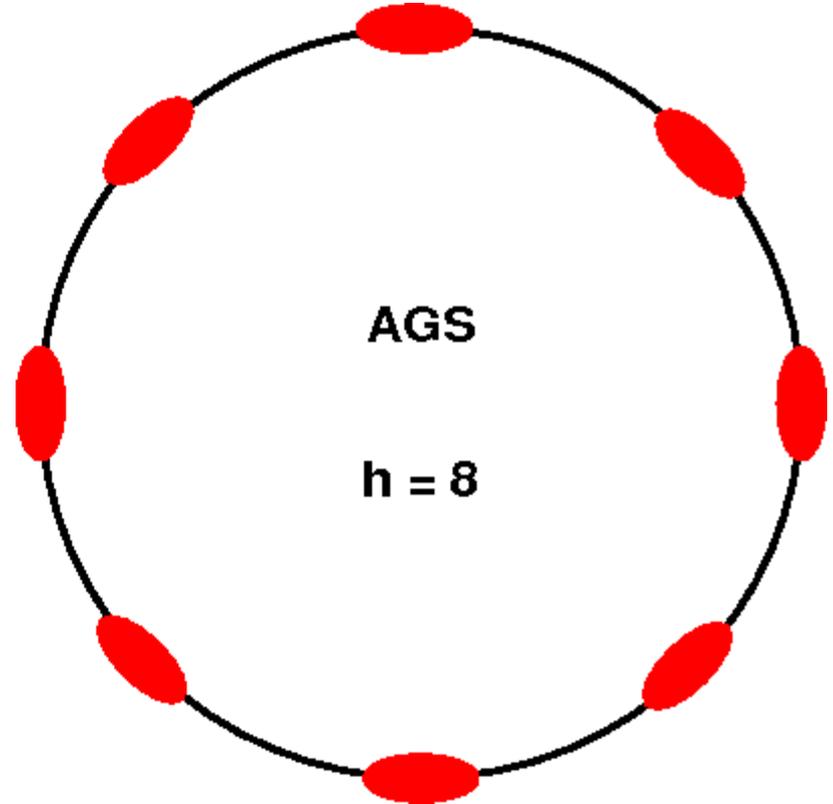
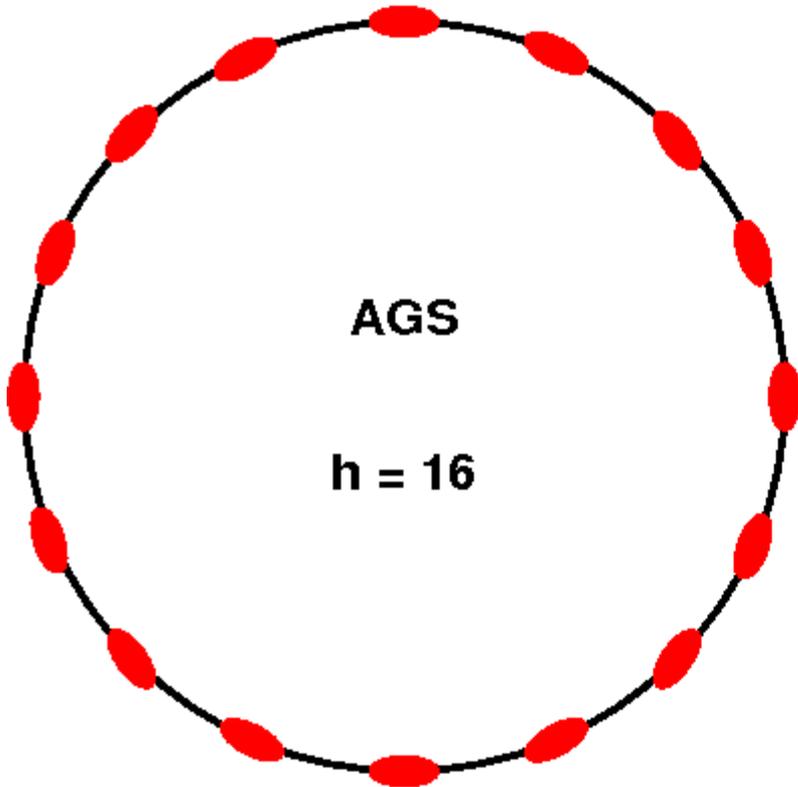
# “Standard Setup”



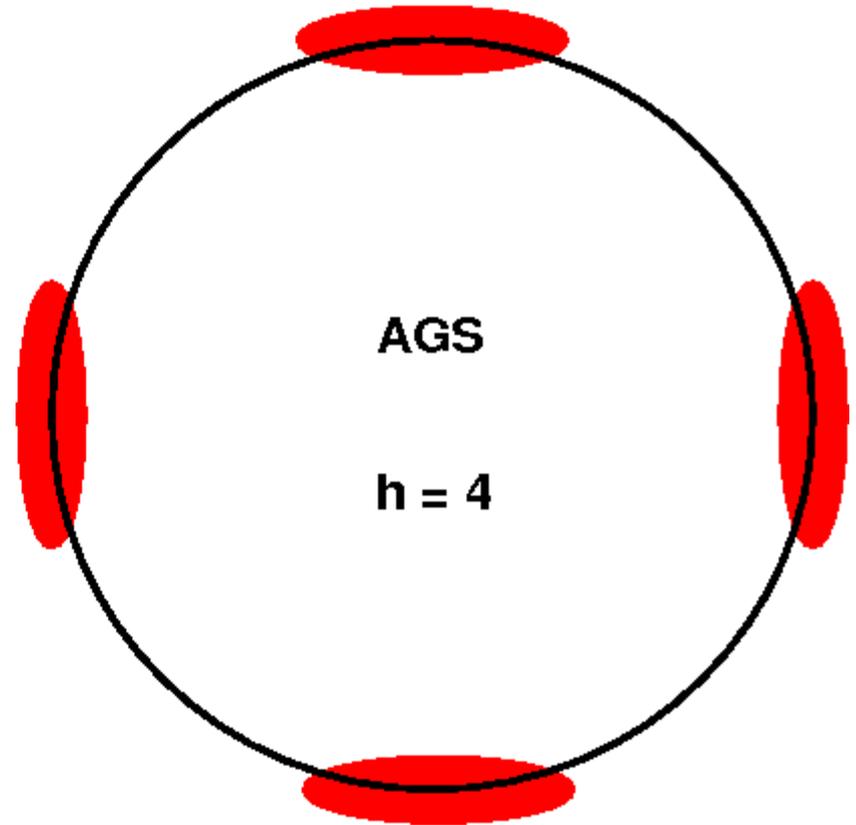
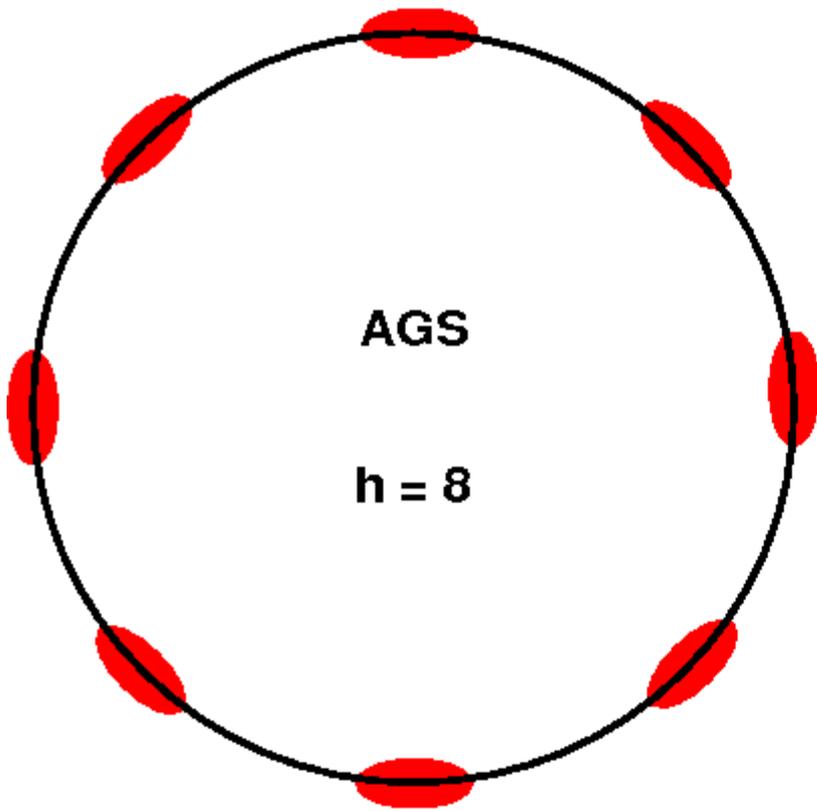
# 4 Booster loads to AGS



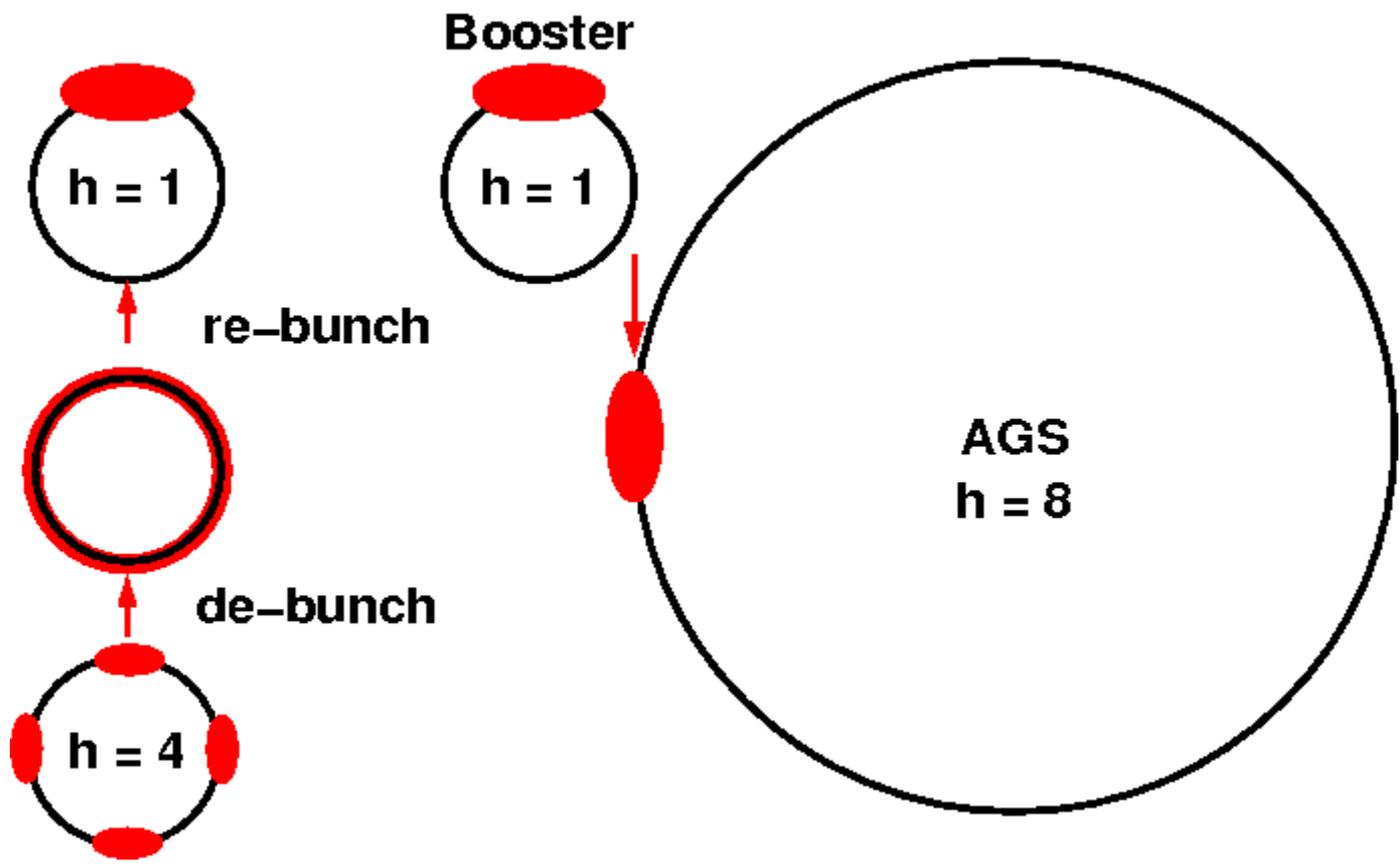
# Merge 16 bunches to 8



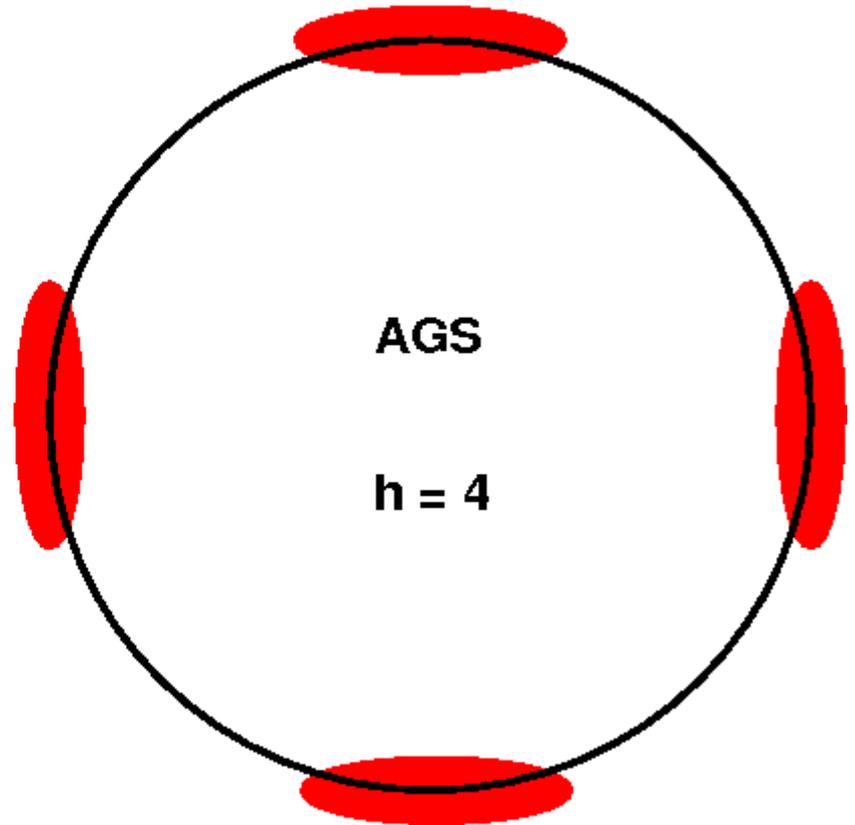
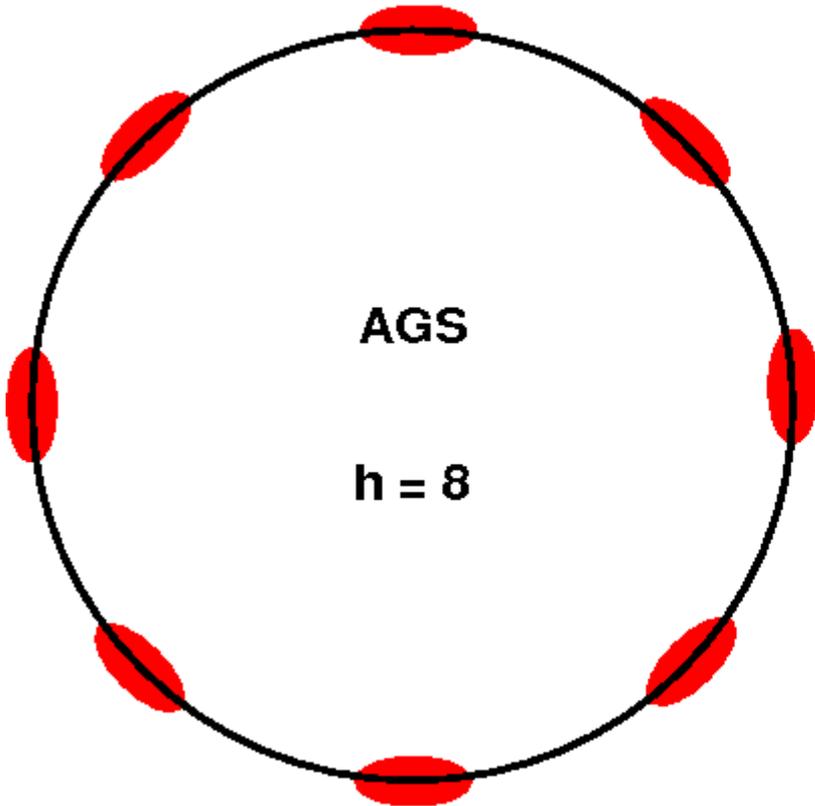
8 to 4: 1 load per AGS bunch



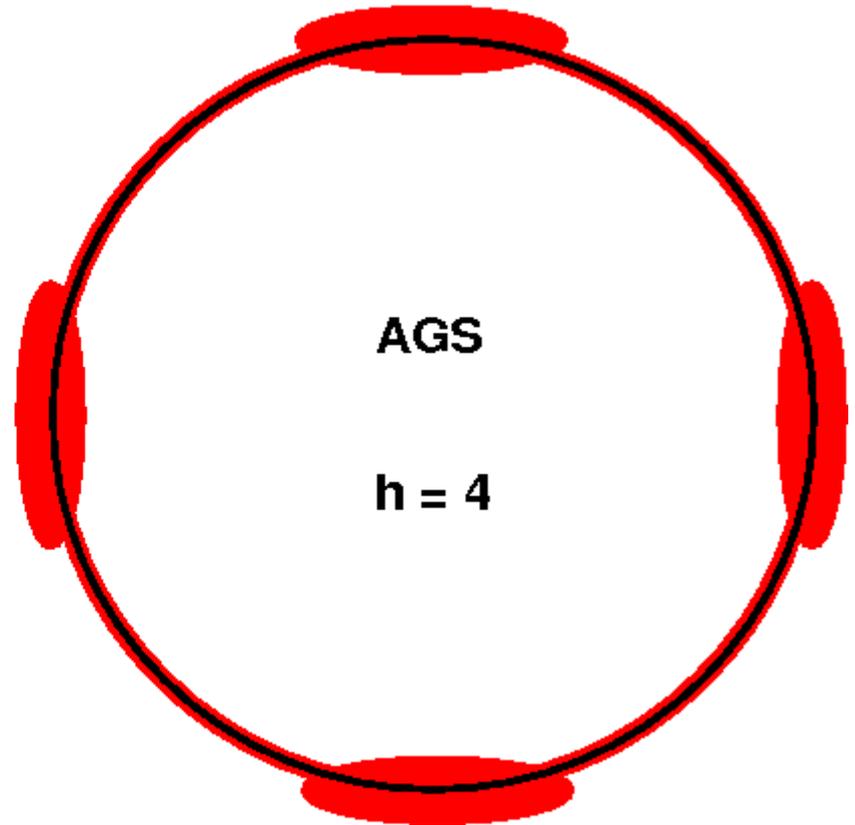
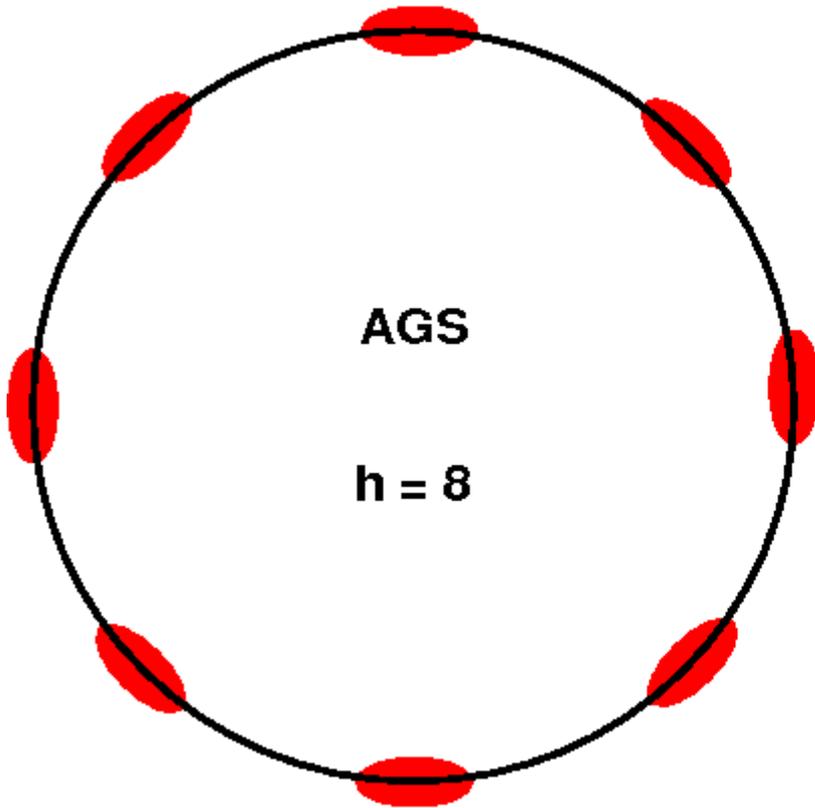
# Booster “De-bunch Re-bunch”



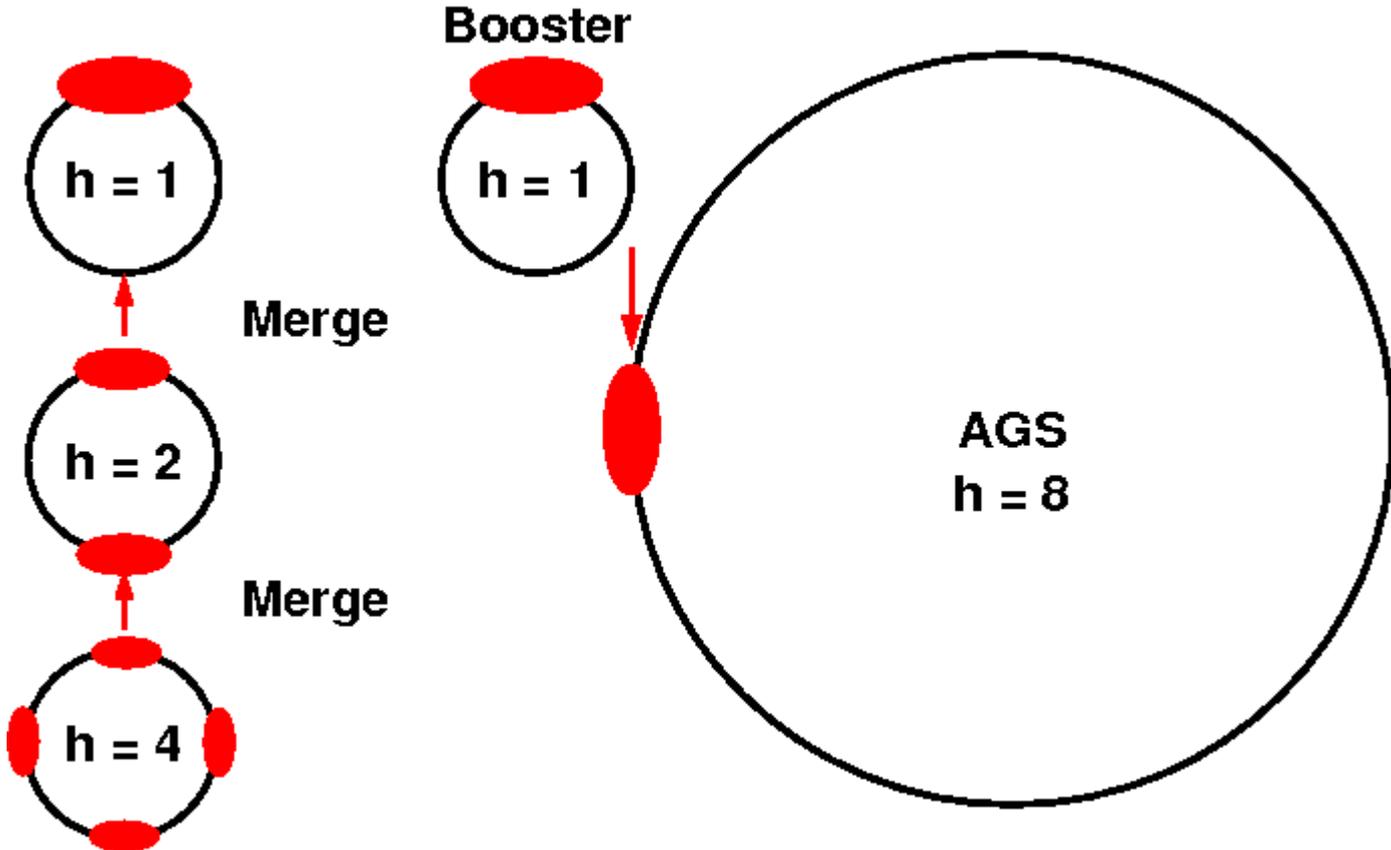
# 2 loads in each AGS bunch



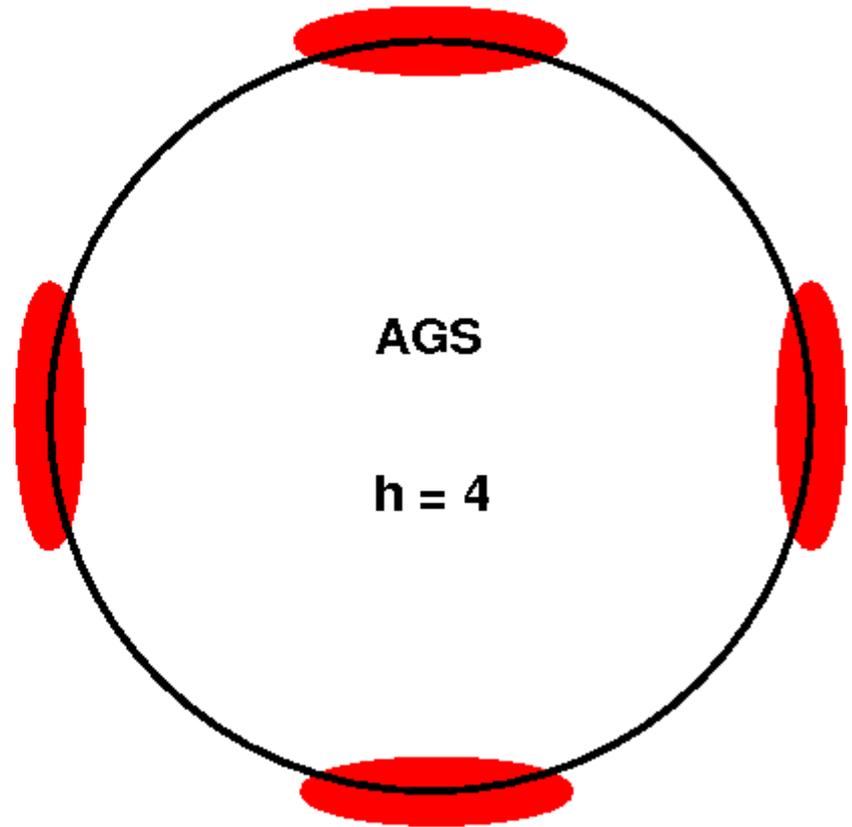
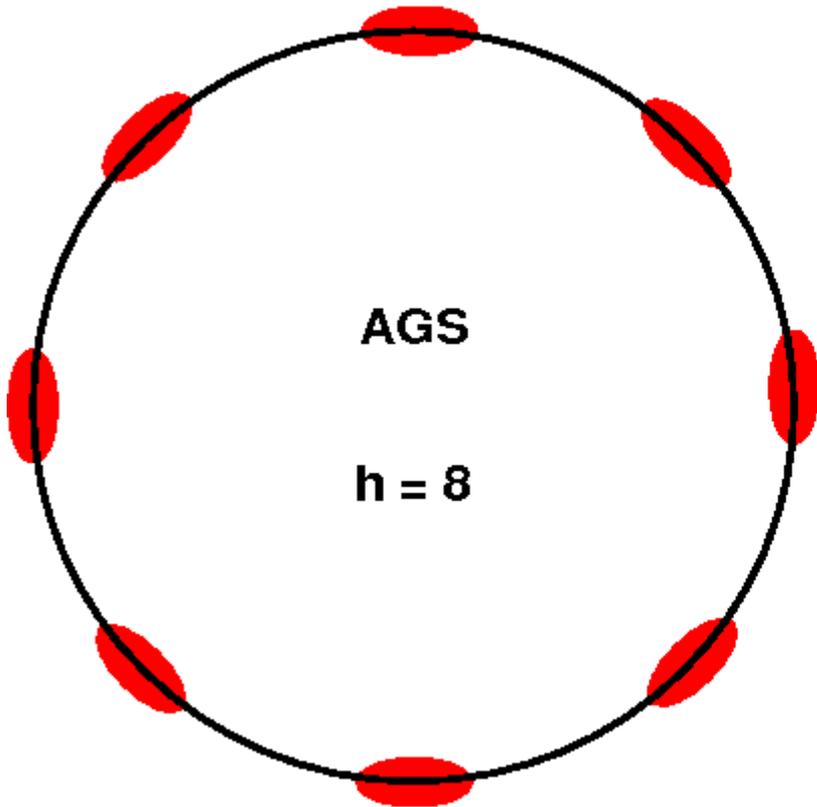
# Some AGS beam not bunched



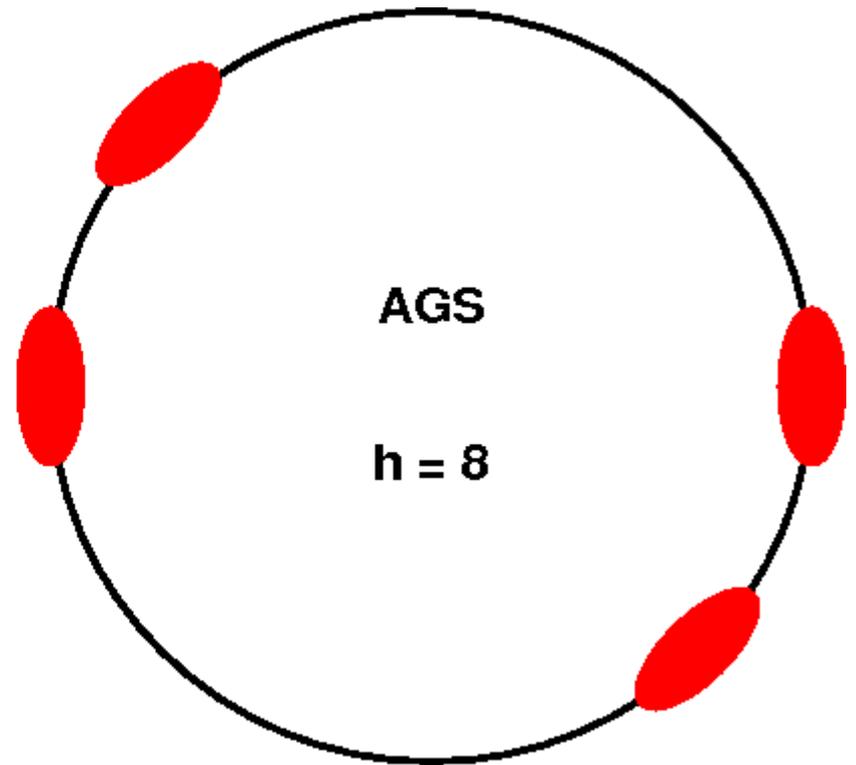
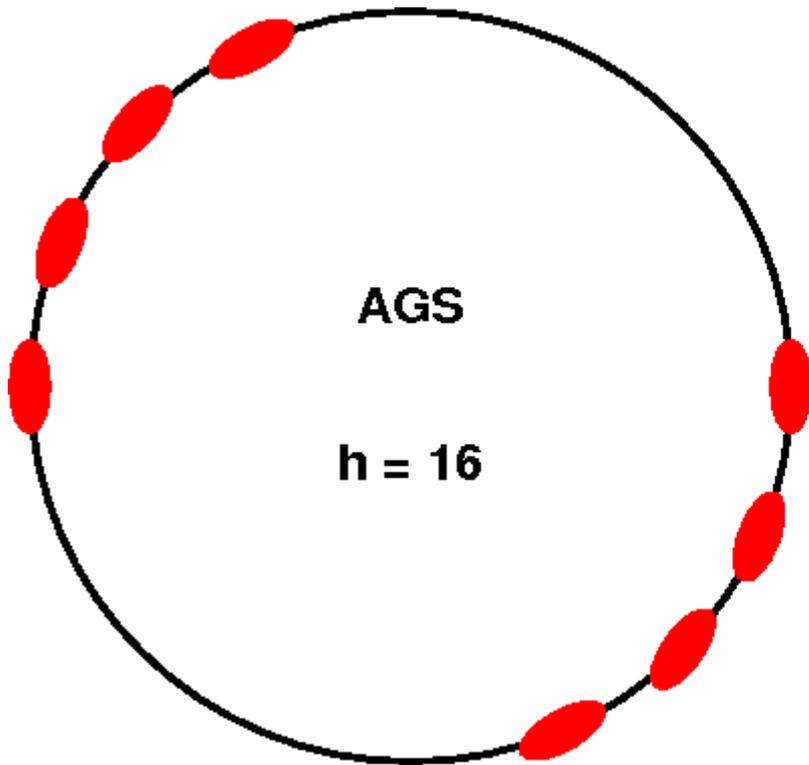
# Try Booster “Double-Merge”



# 2 clean loads per AGS bunch



# Fill 8 of 16 buckets then merge



# Merge again: 4 loads per bunch

