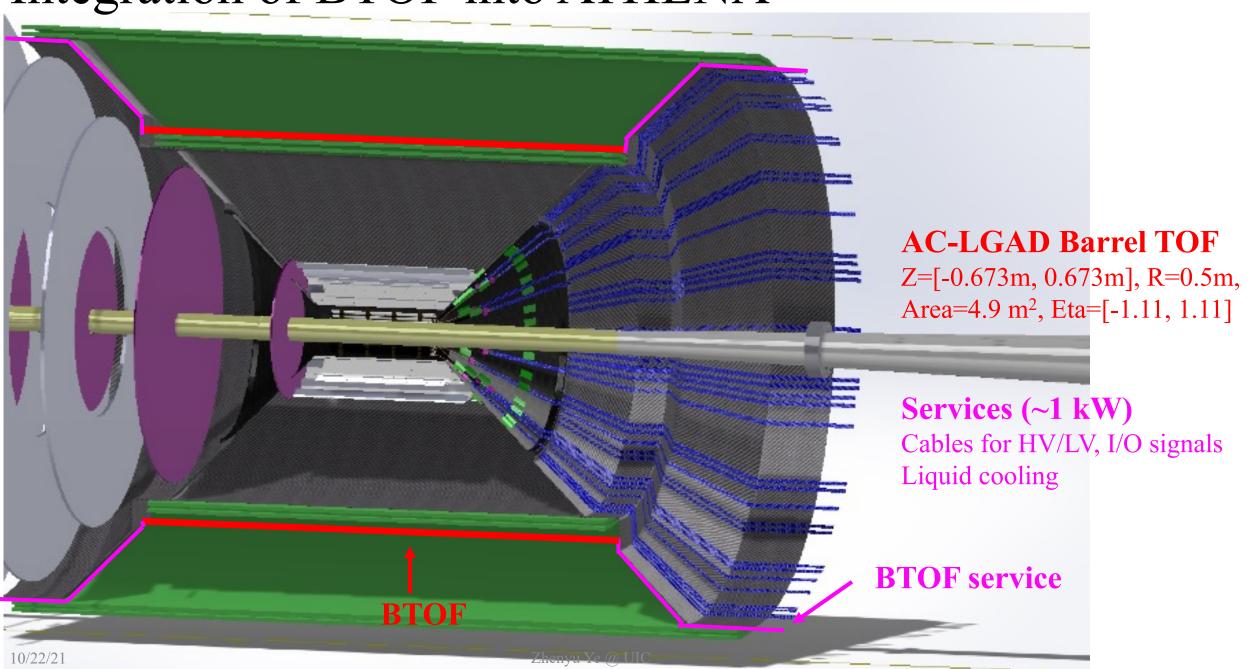
## ATHENA Barrel TOF Cost

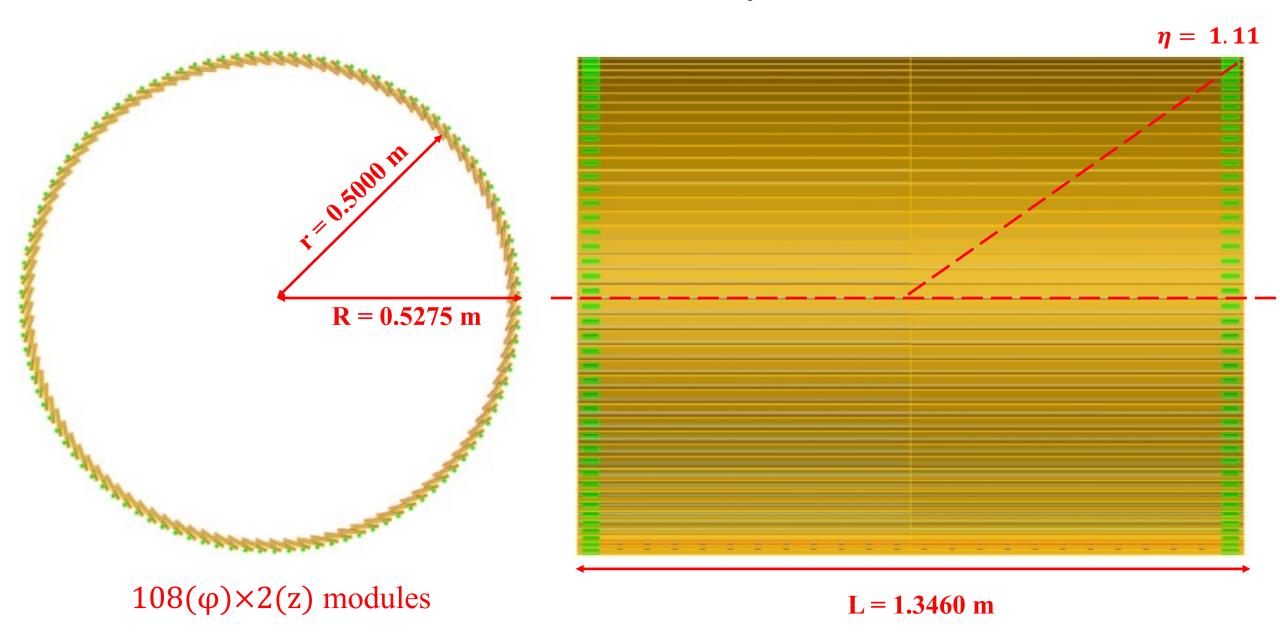
- Total cost on project: \$8.2M = \$5.1M M&S + \$3.1M Labor
  - includes \$3.4M for R&D, prototyping and final design optimization that will be shared with B0, RPs, and other EIC experiments with AC-LGAD
- Total in-kind cost: \$0.85M = \$50k M&S + \$0.80M Labor
  - All the cost is for R&D, prototyping and final design optimization that will be shared with B0, RPs, and other EIC experiments with AC-LGAD

• Total Labor: (7.5 EE+2.0 ME+1.5 ET+1.5 MT+5 postdoc+7 PhD student)\*1 Y

## Integration of BTOF into ATHENA



## ATHENA Barrel TOF Detector Layout



## ATHENA Barrel TOF Module

98 % coverage in Z

