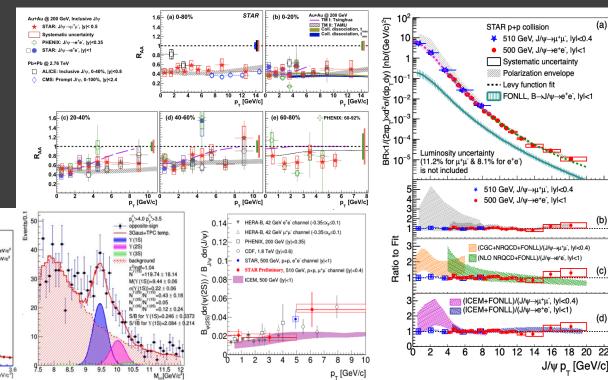
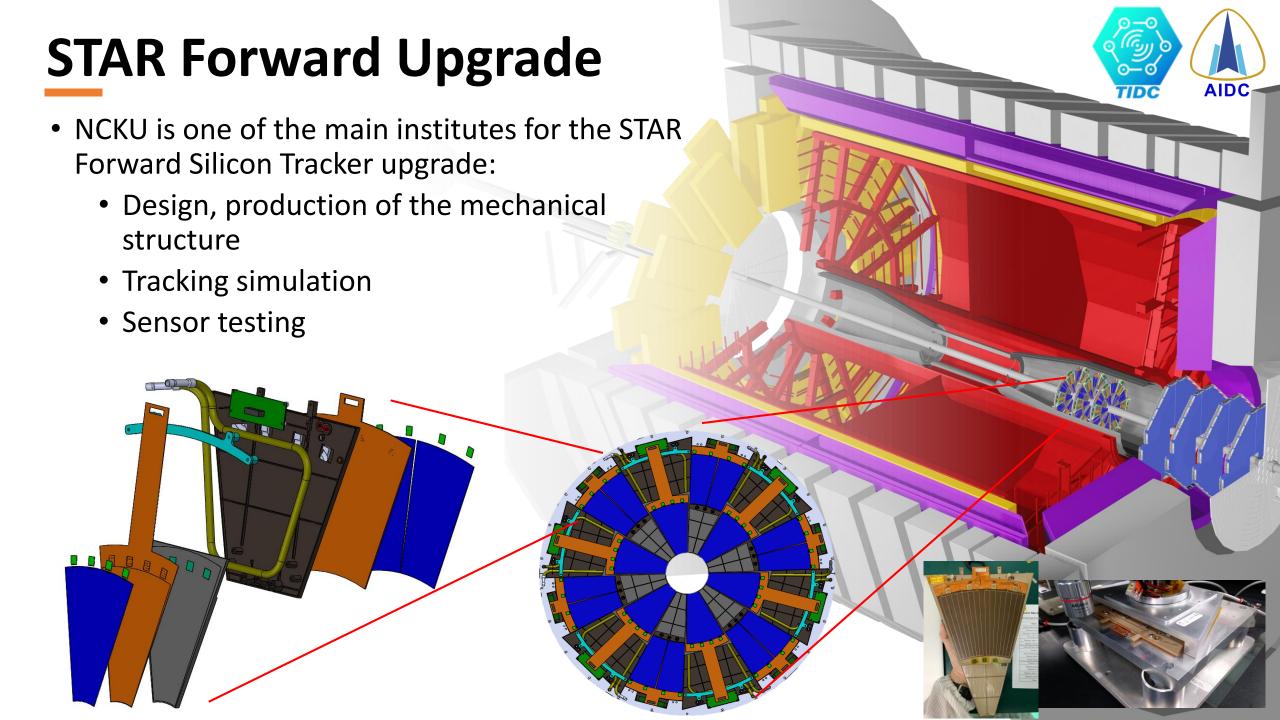


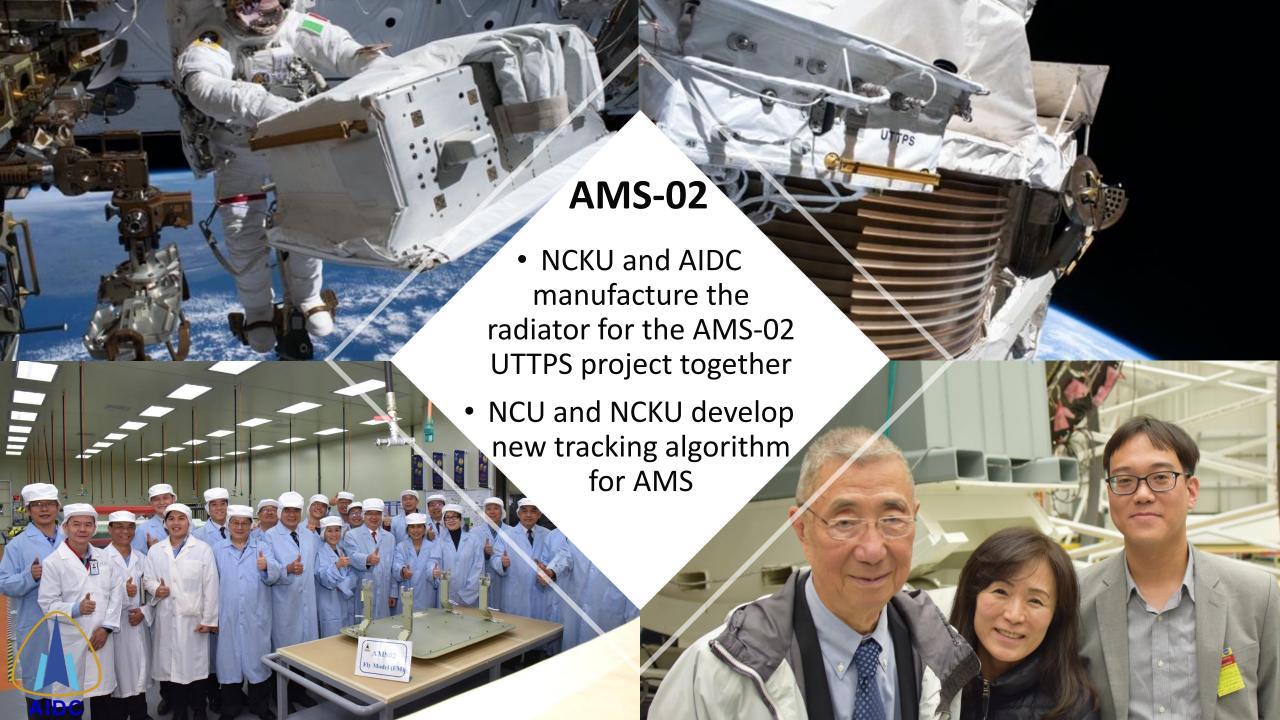
R = 0.4, $N_{iet} = 1$ $\sigma_{\rm Jiy} \equiv 0.052\,\pm 0.002~{\rm GeV/c^2}$

STAR Experiment

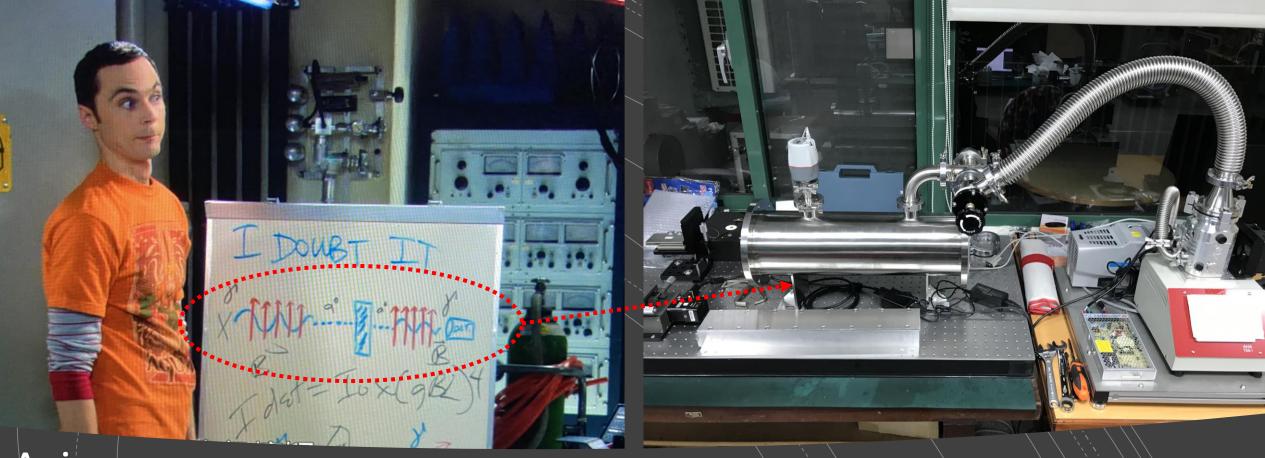
- NCKU HEP group mainly focuses on heavy flavor physics (quarkonium) in both p+p, p+A and A+A collisions
- J/ ψ and Y production, R_{AA}, with jet, v₂,





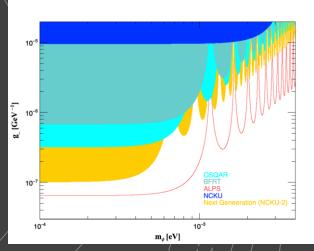






Axion Light-Shining-Through-Walls, LSW

- MOST supported undergrad research project (2019 2020)
- Half chamber, vacuum system, laser, and detection sensor are ready
- Expect to start taking data in the summer of 2021



Silicon sensor & Mini cyclotron

 NCKU is developing silicon strip sensor for STAR and toward Low Gain Avalanche Detectors (LGAD) for EIC in the future with TSRI

 NCKU is also building mini cyclotron for multi-purpose



