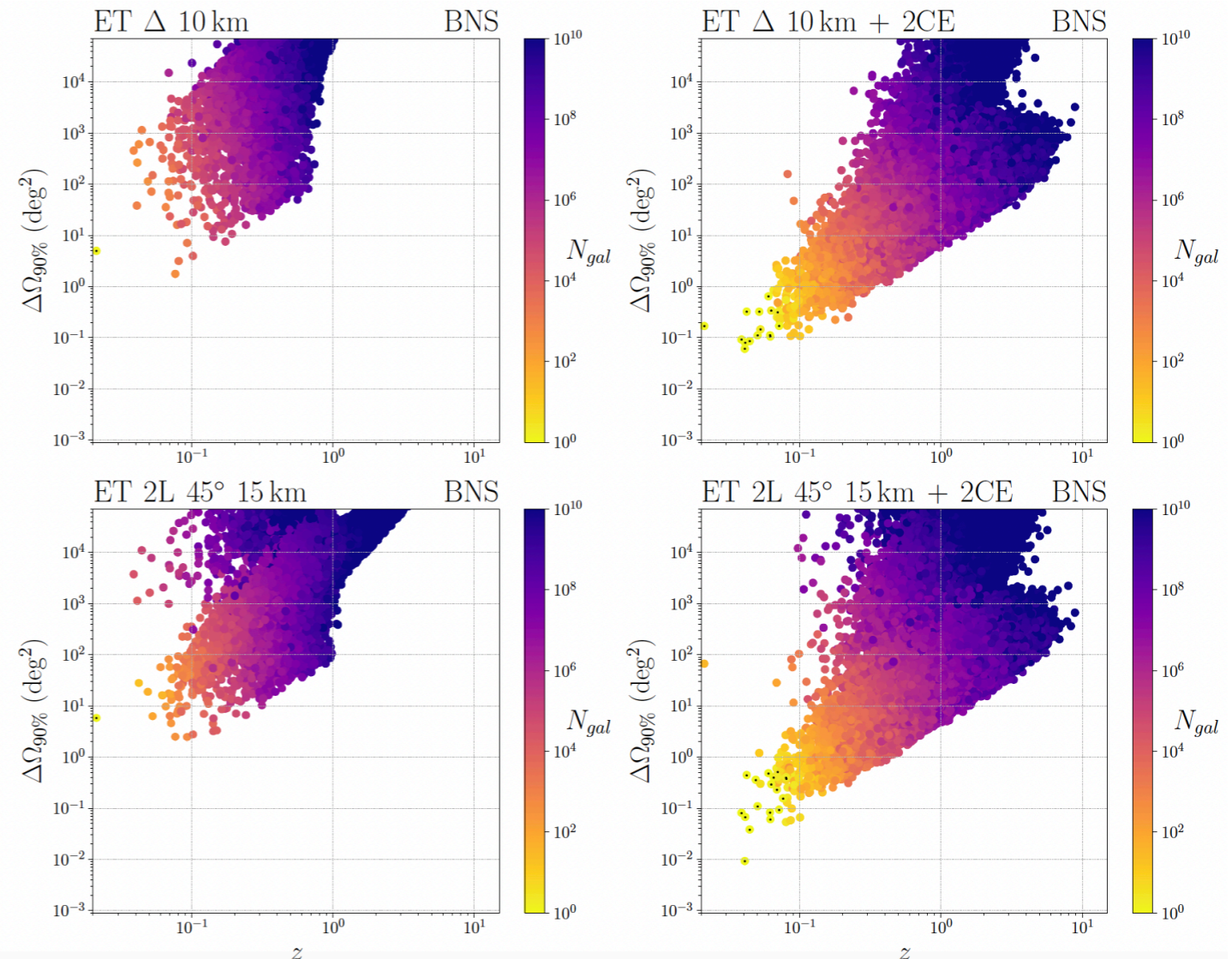


Cosmology

- Improved distance reach (ground based)
- Improved localisation (ground based)
- Boost in detection numbers
- Multi-band GW observations

Standard Sirens: Localisation

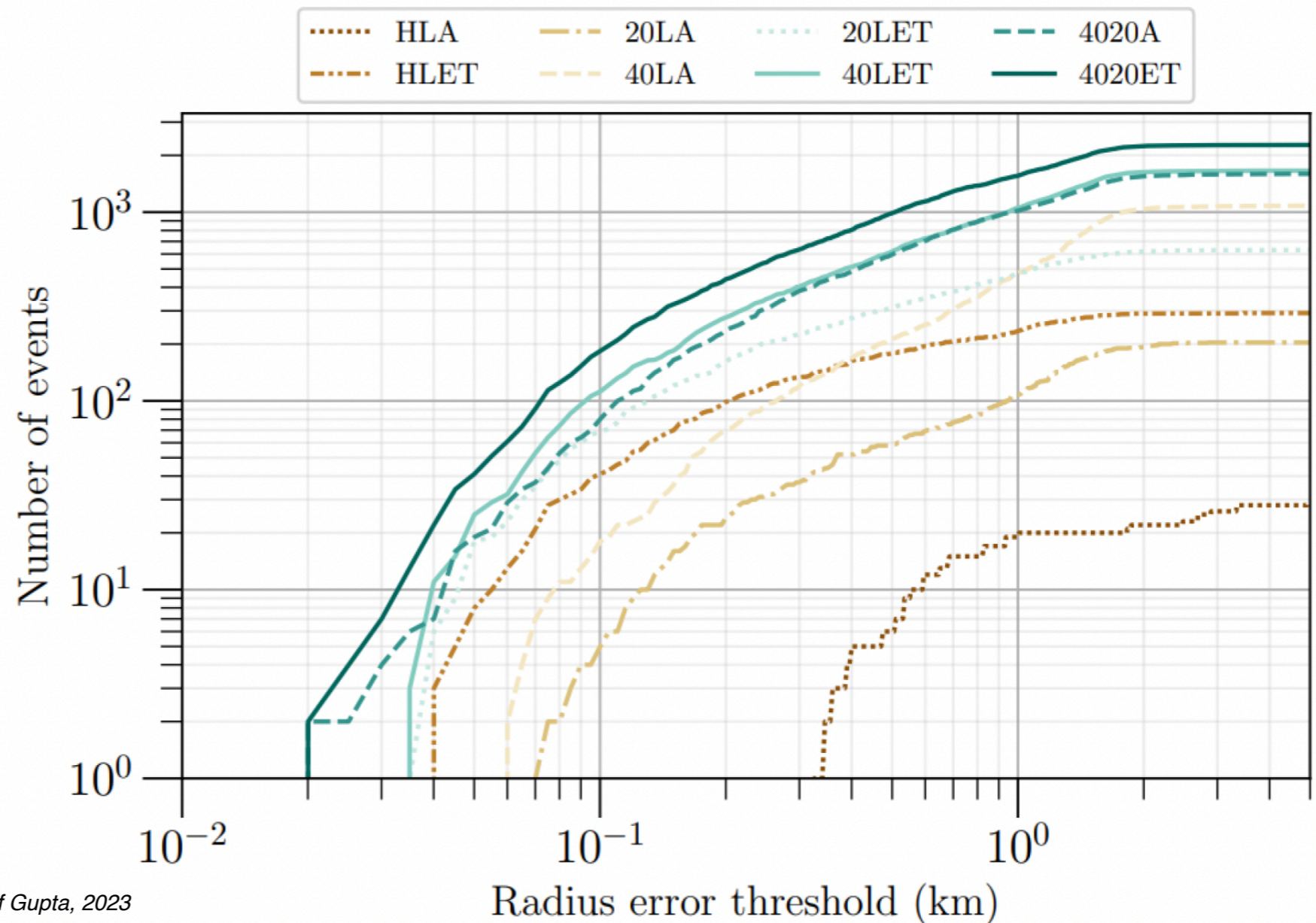


Figures courtesy of Mancarella

Nuclear Physics

See Peter Pang talk tomorrow (Div 6)

- Boost in detection numbers for tidal deformability
- Increase in distance reach (S/N)



Figures courtesy of Gupta, 2023