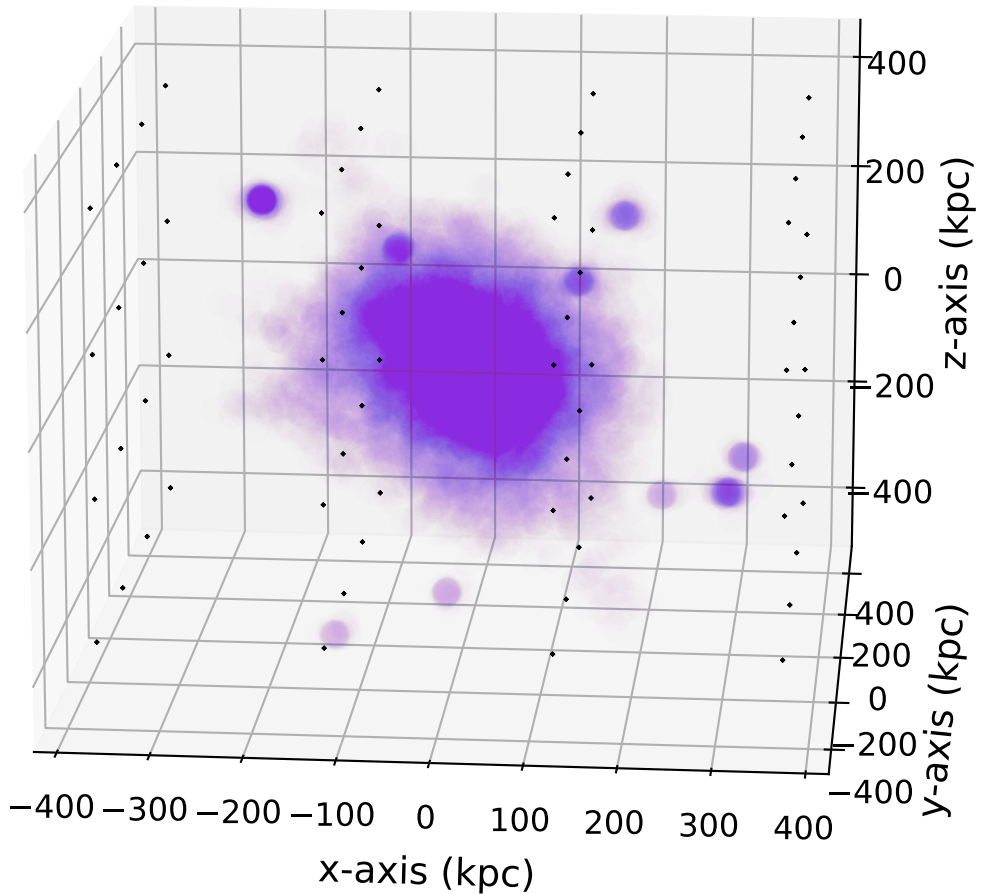Gravity grid structure: Initial