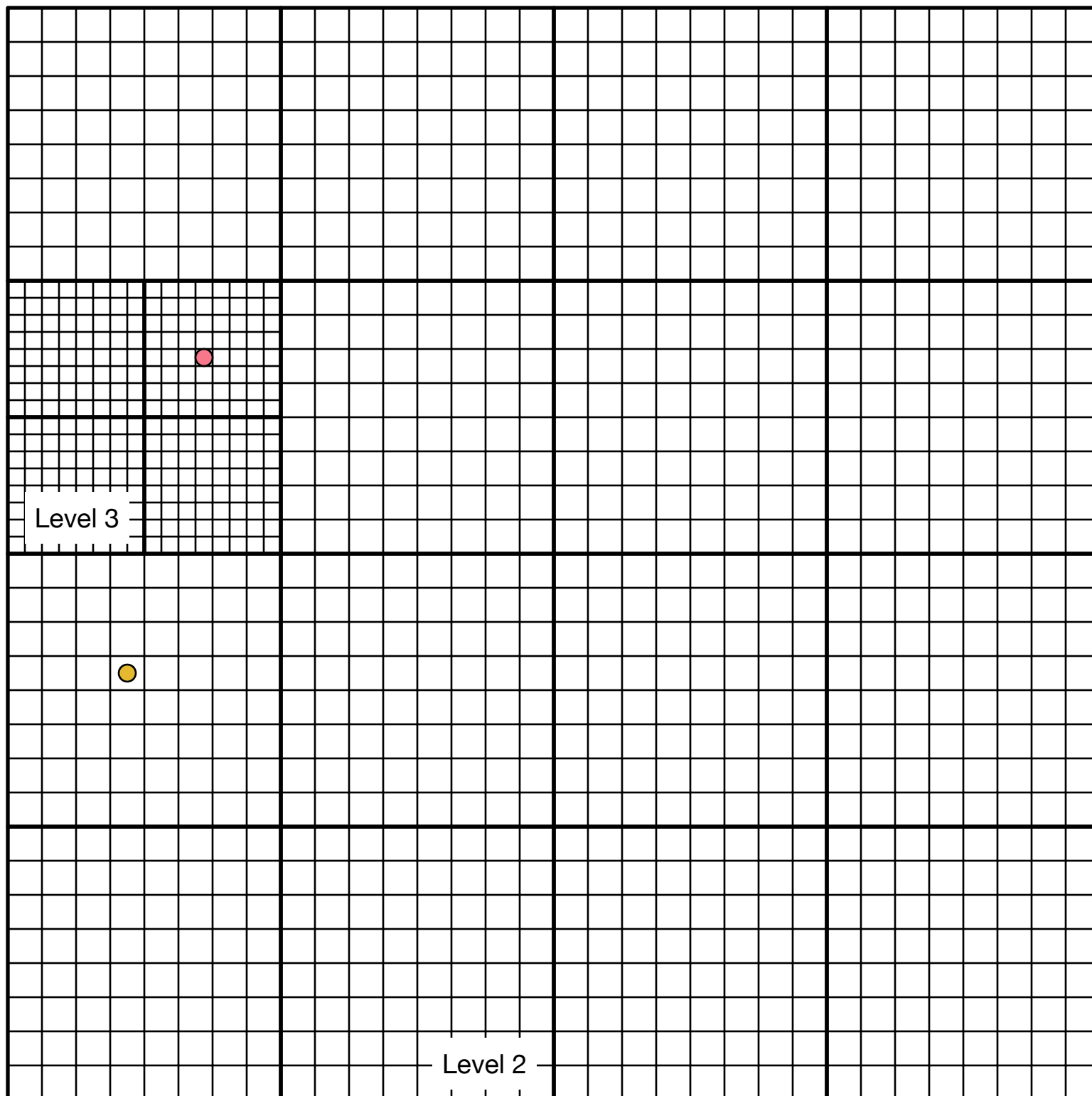Expected mesh refinement with AMReX after initialization

Level 3

Level 2

● = tag for refinement only cell in level 1 that contains this point

● = tag for refinement only cells in levels 1 & 2 that contain this point