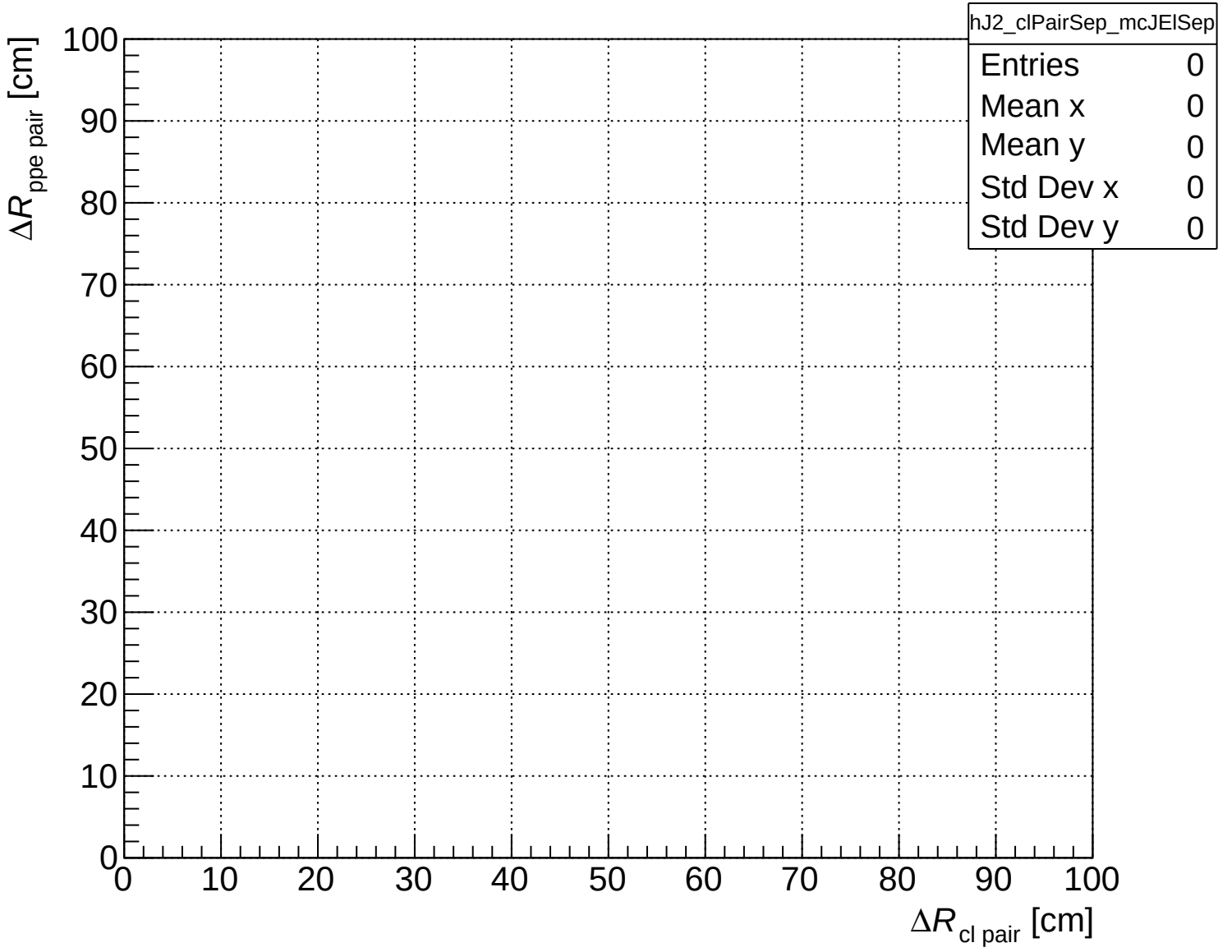Radial separation of cluster pairs vs radial separation of ppe pair