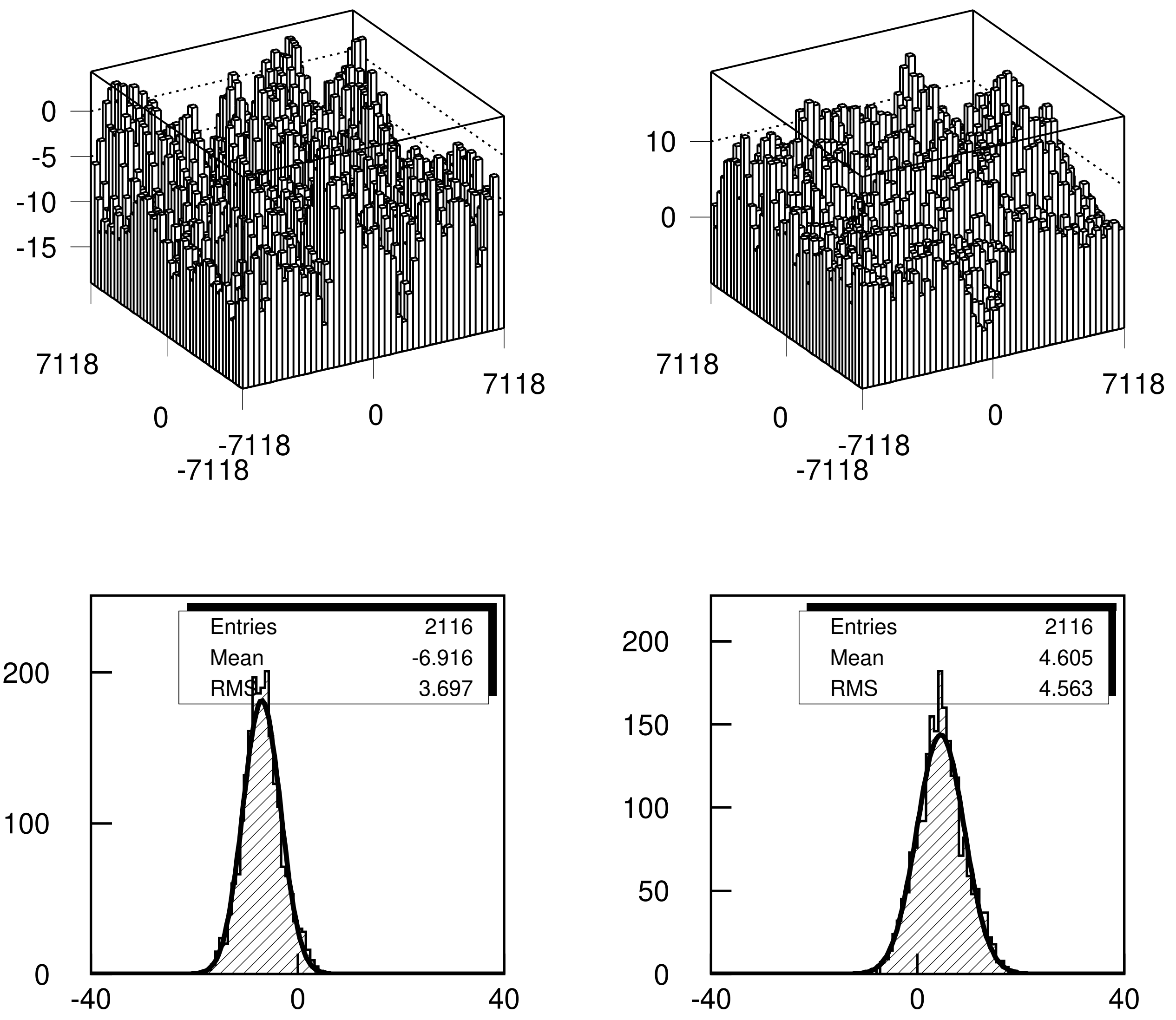
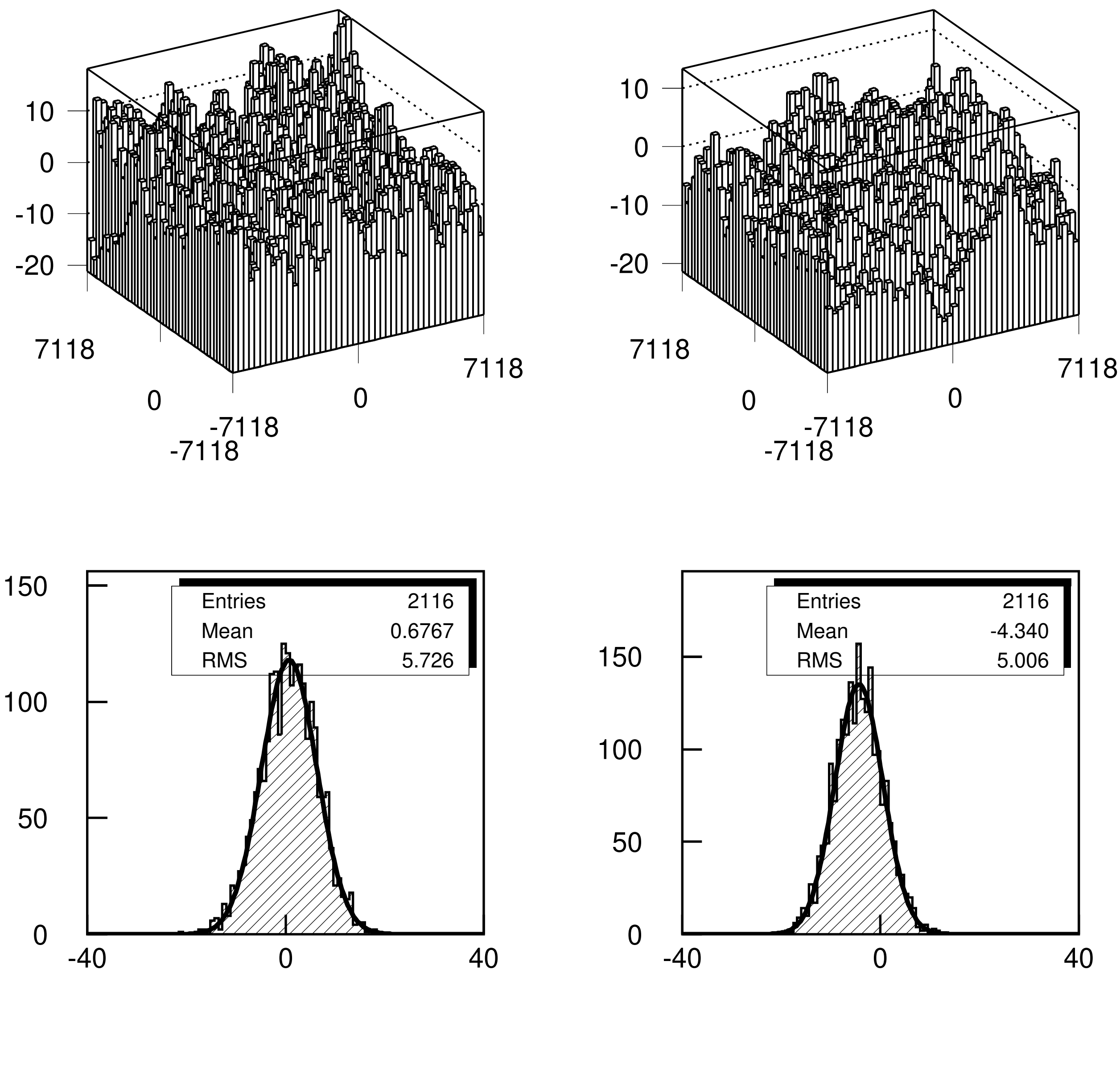
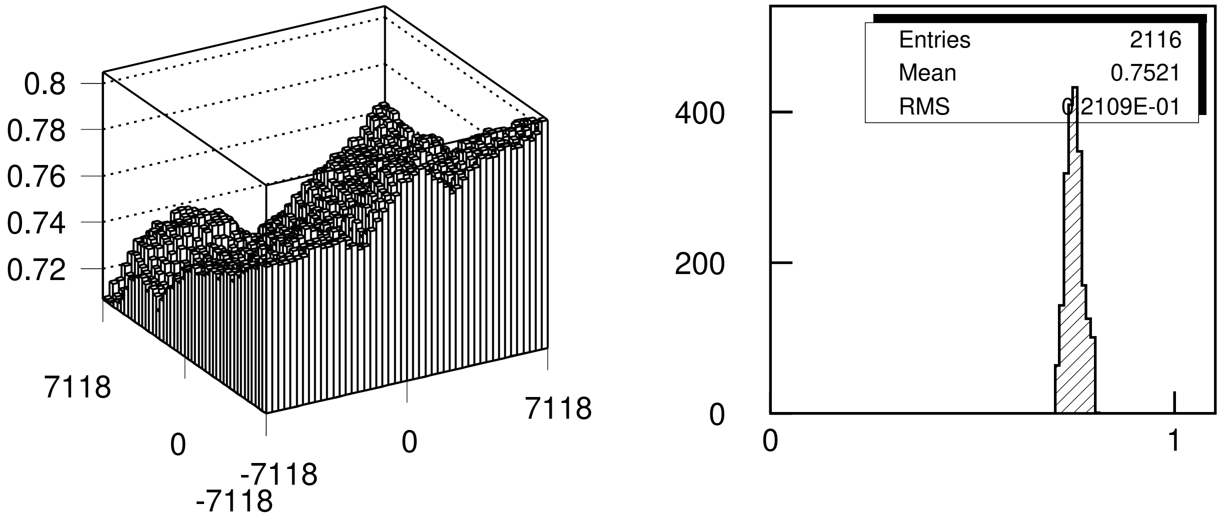
'gc'097' refraction before irradiation '



'gc'097' difference in refraction (before-after)'



transmision before irradiation



difference in transmision (before-after)