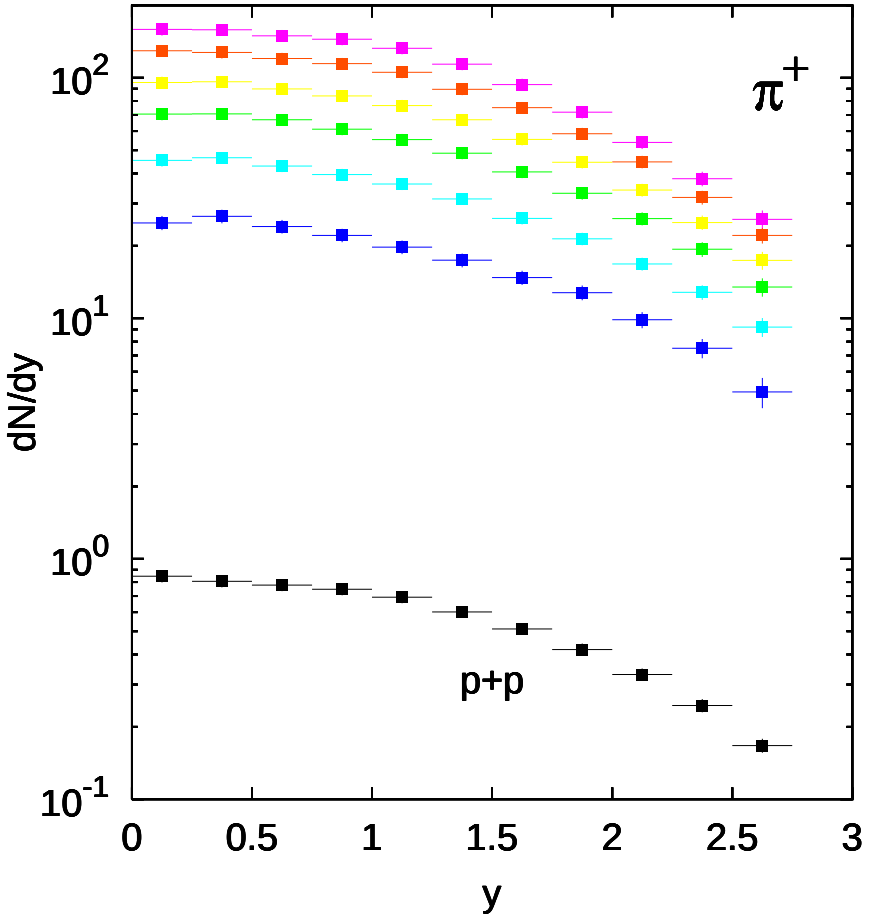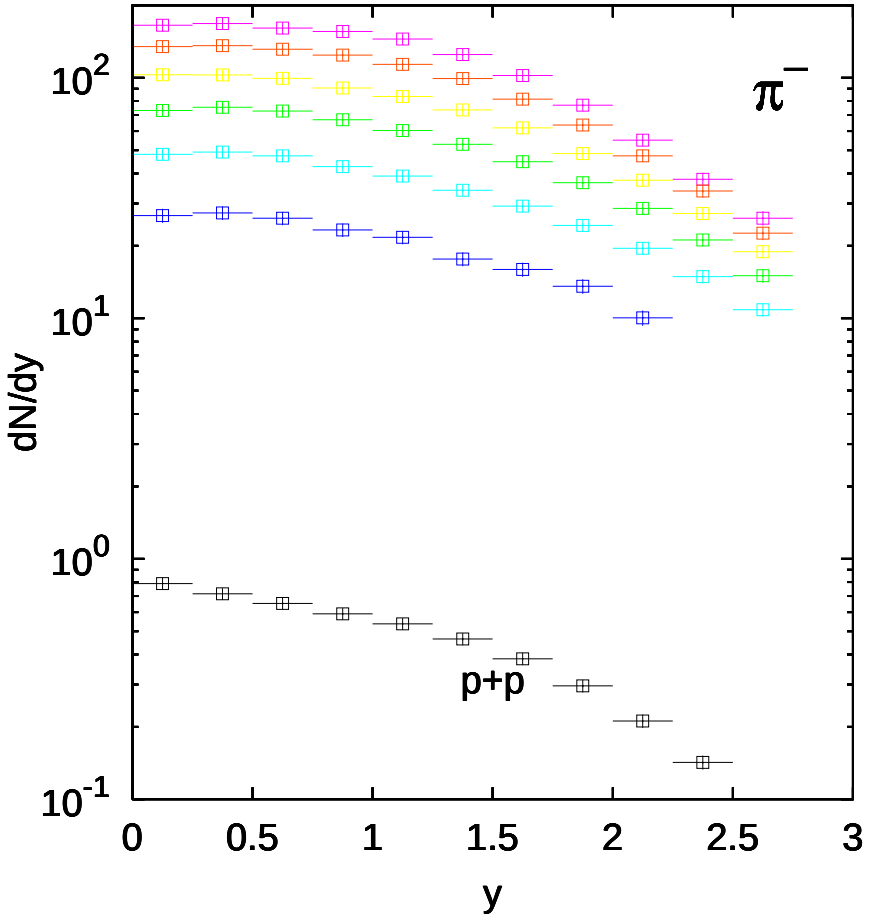Longitudinal distributions – pions