

CMS will measure dijets in proton-proton collisions at  $\sqrt{s} = 14$  TeV. The angular distribution of dijets as a function of invariant mass is sensitive to a contact interaction among quarks that could arise if quarks are not pointlike particles. The sensitive part of the angular distribution is measured by the dijet ratio: the number of dijet events with  $|\eta| < 0.5$  divided by the number of dijet events with  $0.5 < |\eta| < 1.0$ . As a function of dijet invariant mass, we present estimates of the dijet ratio for both the QCD background and a contact interaction signal. For integrated luminosities of  $100 \text{ pb}^{-1}$ ,  $1 \text{ fb}^{-1}$  and  $10 \text{ fb}^{-1}$ , we present CMS capability to exclude or discover contact interactions from quark compositeness.