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Hadron-Hadron Angular Correlations in $\sqrt{s_{NN}} = 62.4$ GeV Au+Au Collisions at RHIC-PHENIX MICHAEL MCCUMBER, SUNY Stony Brook, PHENIX COLLABORATION — The study of medium effects in $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions at RHIC via jet properties extracted from di-hadron opening angle correlations has yielded the observation of significant modification of the away-side jet. We analyze $\sqrt{s_{NN}} = 62.4$ GeV Au+Au collisions and find that the away-side jet modification persists at this lower energy. We present the results of corrected angular correlation measurements and also a novel technique for model-independent quantification of the away-side jet shape. We compare our results to measurements made in other colliding systems and in other energies.

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