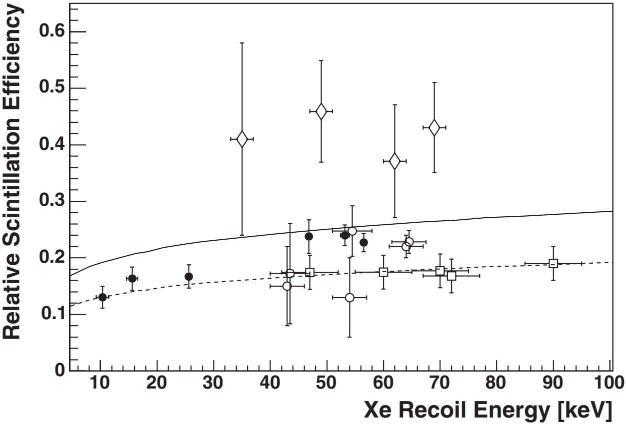

FIG. 8. The relative scintillation efficiency for nuclear recoils as a function of the Xe recoil energy in LXe. The full circles are the data from this experiment. The uncertainties include both statistical and systematic uncertainties. Also shown are measurements by other groups: open circles, squares, and diamonds show the data from Akimov *et al.*[13], Arneodo *et al.* [15], and Bernabei *et al.* [14] respectively. The solid line is from Lindhard [24] and the dotted line is from Hitachi's [25] theoretical model.