



Fig. 12. LET dependence of the relative scintillation yields in liquid xenon for relativistic heavy ions. Solid circles represent the experimental results when the filter was used. Solid squares represent the scintillation yield in liquid xenon for  $\alpha$ -particles. Open large squares show the yields for electron and proton obtained by previous experiment [6]. Open small squares show the data for X-rays and  $\gamma$ -rays [8,9]. The solid and dashed curve are drawn as those in Ref. [2].