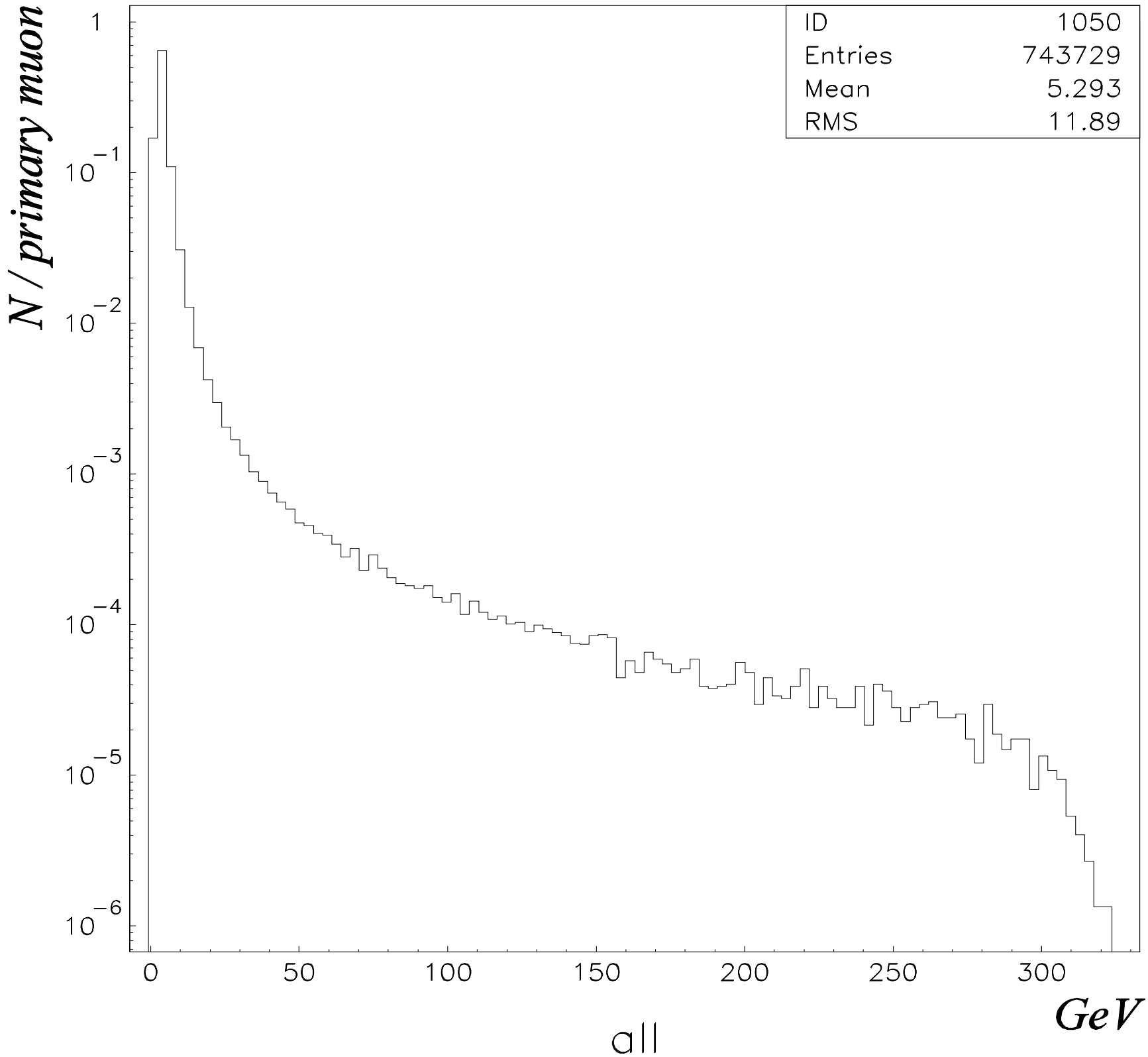Tile calorimeter, full spectrum