## $[\mathbf{mex225}]~K~\mathbf{meson}~\mathbf{decay}$

A K meson (rest energy 494 Mev) decays into two  $\pi$  mesons (rest energy 137 MeV). In the frame where one of the  $\pi$  mesons is at rest find (a) the energy of the other  $\pi$  meson and (b) the energy of the original K meson.

## Solution: