

The critical temperature and the nature of the QCD finite temperature phase transition are determined for two dynamical flavors of nonperturbatively improved Wilson fermions. The calculations are performed on large lattices with temporal extents $Nt=14, 12, 10$ and 8 , and lattice spacings down to $a = 0.075$ fm. We find the deconfinement and chiral phase transitions to take place at the same temperature. Our results are in broad agreement with a second order phase transition in the chiral limit.