

## EXPERIMENT

CLEO-c

$$222.6 \pm 16.7^{+2.8}_{-3.4}$$

MARK III

$\longrightarrow < 290 \text{ MeV @ 90\% cl}$

BES

$$371^{+129}_{-119} \pm 25 \text{ MeV}$$

## THEORY



Lattice QCD (FNAL & MILC)



Quenched Lattice QCD (UKQCD)



Quenched Lattice QCD



QCD Spectral Sum Rules



QCD Sum Rules



Relativistic Quark Model



Potential Model



Isospin Mass splittings

100

200

300

400

$f_{D^+}$  (MeV)