

EXPERIMENT

CLEO-c



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

MARK III

→ $< 290 \text{ MeV @ 90\% cl}$

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)