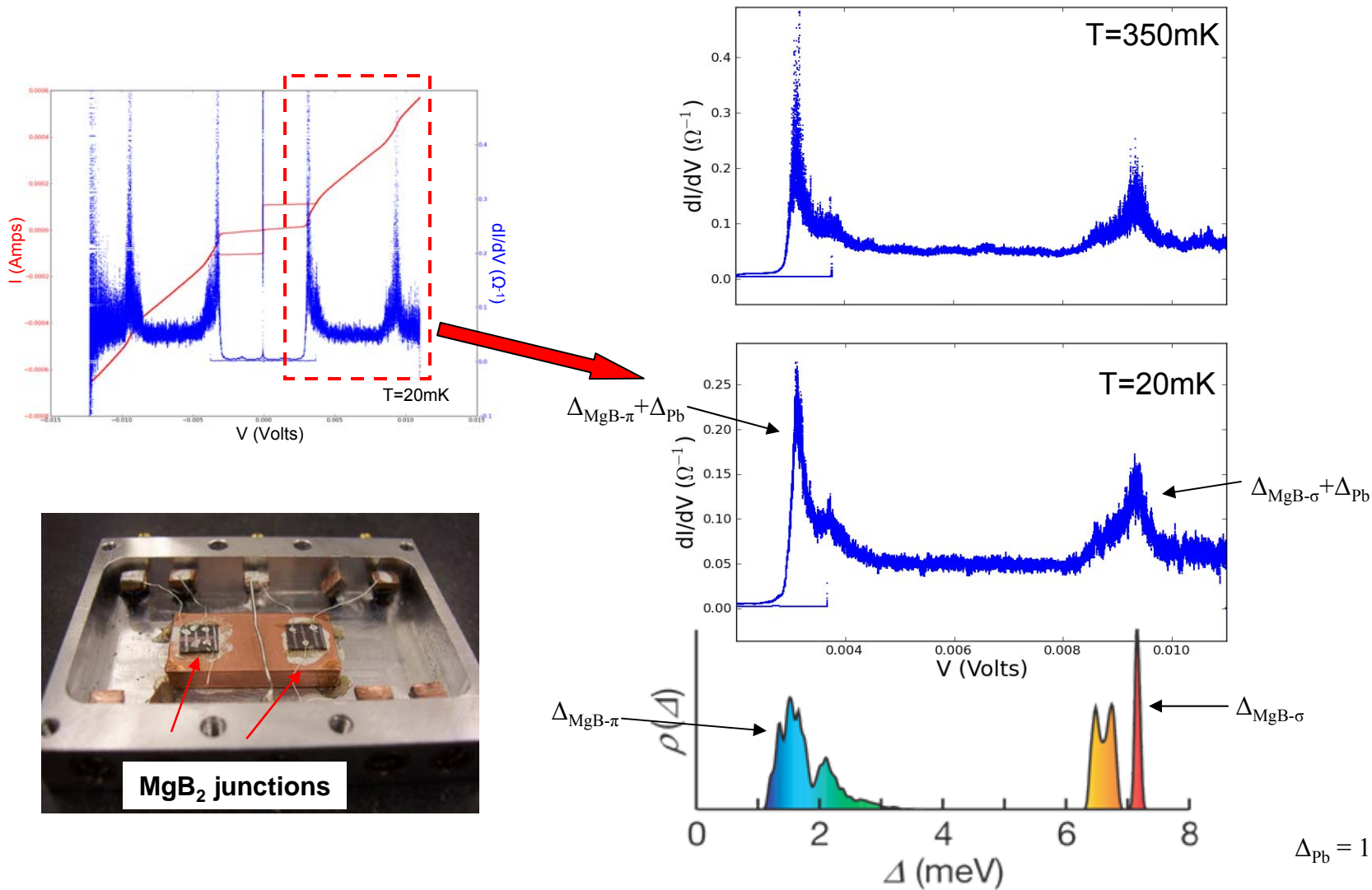


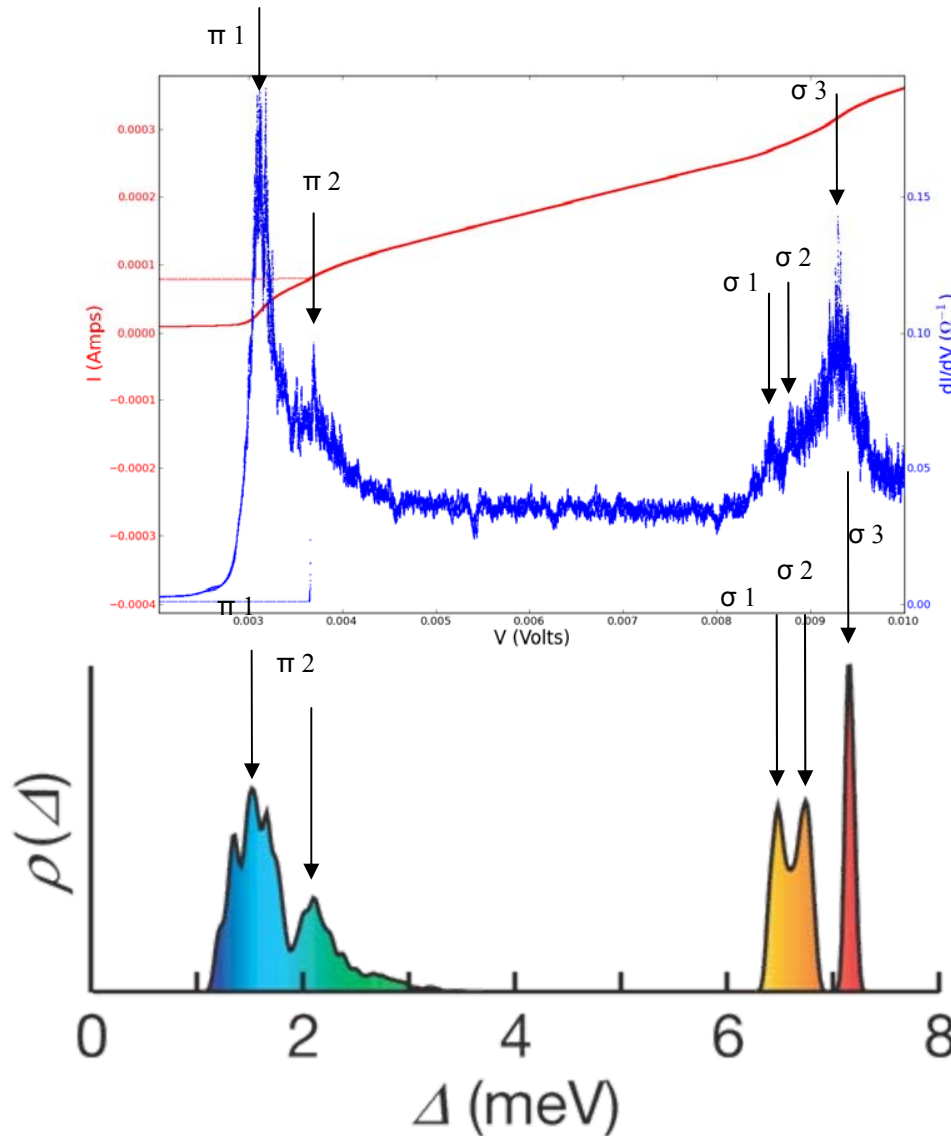
New Data from Drexel (*Ramos) Group: Structure in Differential Conductance Peaks (sub-gap structure) in MgB₂ junctions, as predicted by Choi, *et al.*



Theoretical Prediction by H. J. Choi, D. Roundy, H. Sun, M. L. Cohen, and S. G. Louie, Nature 418, 758 (2002)



Our Data agrees reasonably well with theory !



Drexel Data
dI/dV – V

Presented
at
**APS March
Meeting Session
X41-11**

Prediction of peak structure of MgB₂ sub-gap
from UC Berkeley Group

Samples obtained from
Profs. Xiaoxing Xi
and Ke Chen(Temple U)