



# Effects of deep superconducting gap minima on impurity induced residual thermal transport in $\text{Sr}_2\text{RuO}_4$



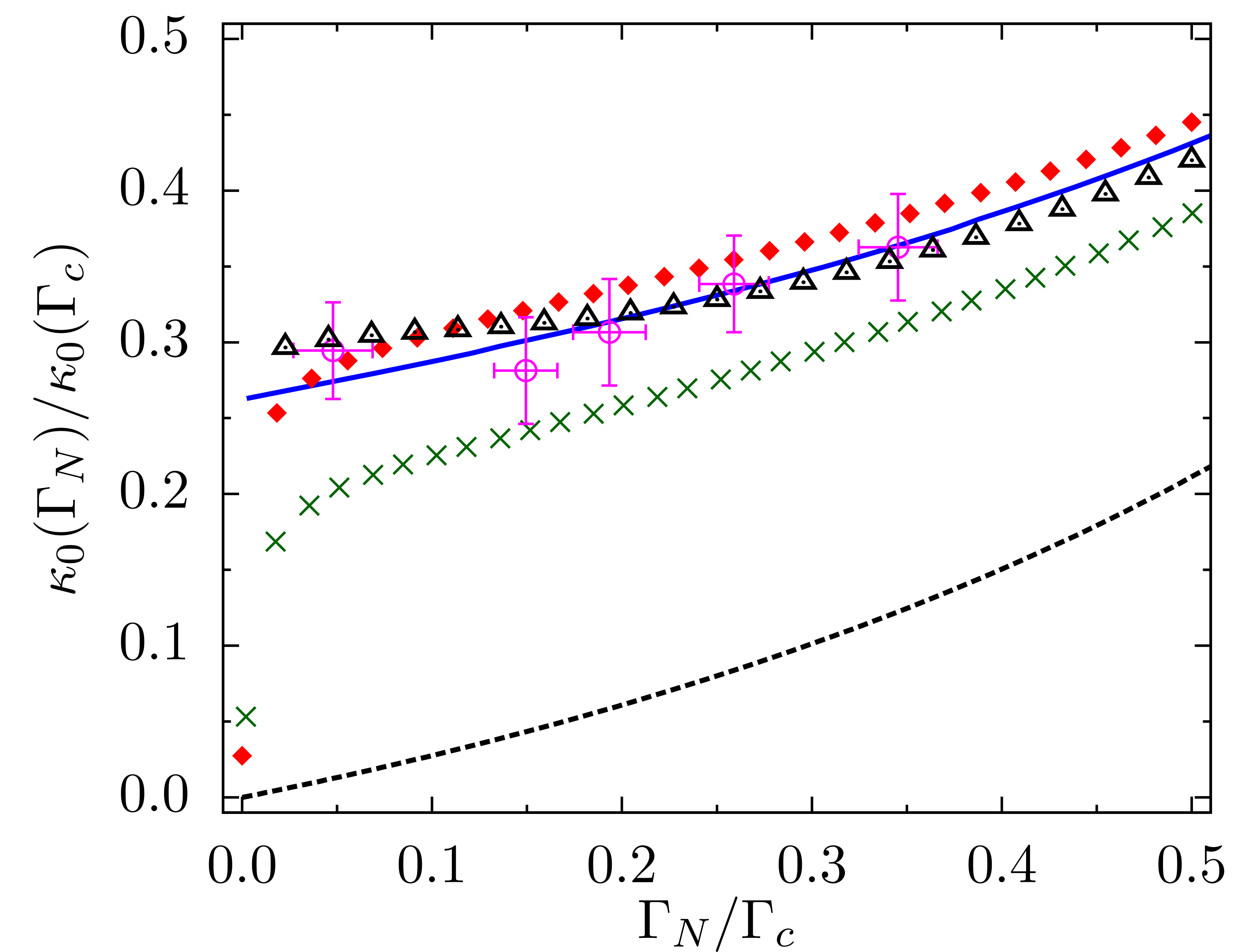
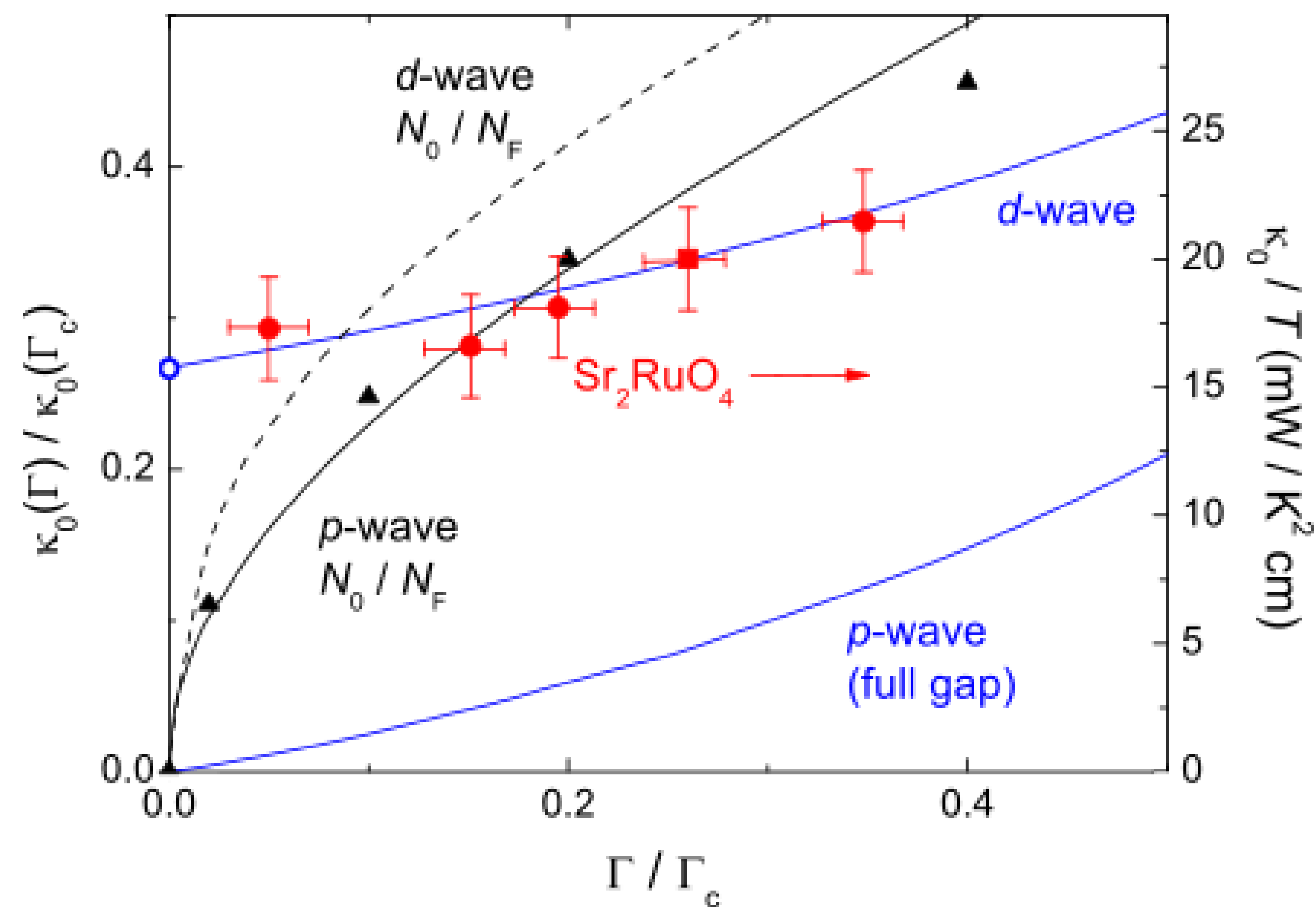
Zhiqiang Wang<sup>1</sup>, John F. Dodaro<sup>2</sup>, Catherine Kallin<sup>1</sup>

<sup>1</sup>Department of Physics and Astronomy, McMaster University, ON, Canada

<sup>2</sup>Department of Physics, Stanford University, CA, USA

Measurement of residual thermal conductivity on  $\text{Sr}_2\text{RuO}_4$ :  $d$ -wave pairing symmetry?

Theoretical calculation of  $\kappa_0/T$  for different chiral  $p$ -wave pairing models with deep gap minima



Experimental  $\kappa_0/T$  data[1] on  $\text{Sr}_2\text{RuO}_4$  can be accounted for by chiral  $p$ -wave superconducting models with deep gap minima.

Ref [1]: E. Hassinger *et al.*, PRX **7**, 011032(2017)