Multistep Fractionation of Coal and Application for Graphene Synthesis

Kaustubh Rane,1 Jeramie J. Adams,2 James M. Thode,3a Brian M. Leonard,3 Jianqiang Huo,2b

Lamia Goual^{1*}

¹ Department of Petroleum Engineering, University of Wyoming, 1000 E. University Avenue, Laramie,

WY 82071

² Western Research Institute, 365 N 9th St., Laramie, WY 82072

³ Department of Chemistry, University of Wyoming, 1000 E. University Avenue, Laramie, WY 82071

* Email: lgoual@uwyo.edu, Phone: (307) 766-3278



Figure S1: Conversion of the multistep coal fractionation

^a Anton Paar USA, Inc. - Western Regional Office, 2824 Columbia Street, Torrance, CA 90503

^b College of Chemistry and Chemical Engineering, Northwest Normal University, 967 Anning E Rd, Lanzhou, Gansu, China