

# The Facile Preparation of Aluminosilicate RTH Across a Wide Composition Range Using a New Organic Structure Directing Agent

Joel E. Schmidt, Mark A. Deimund and Mark E. Davis\*

Chemical Engineering, California Institute of Technology, Pasadena, CA 91125

## Supporting Information

### Methanol to Olefins Reactivity Data

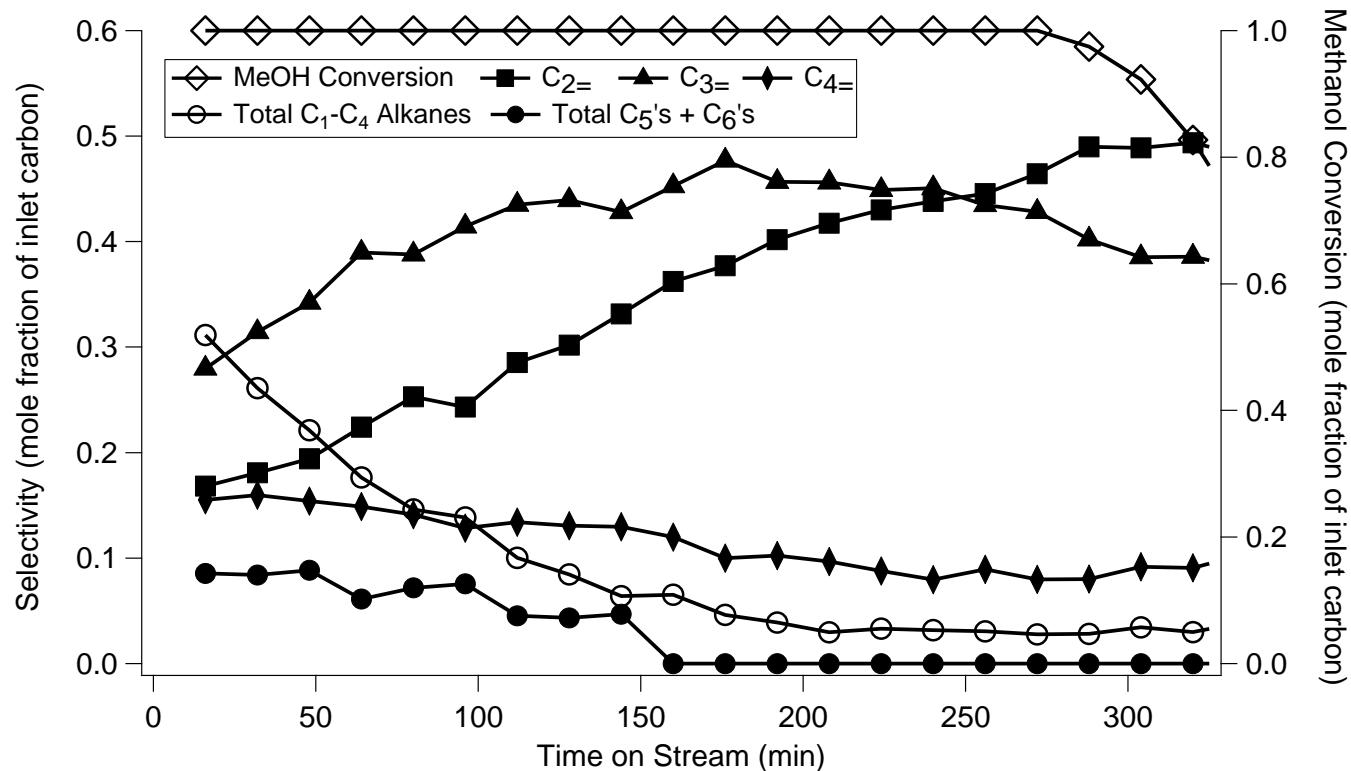


Figure S1. SSZ-13 with Si/Al=19

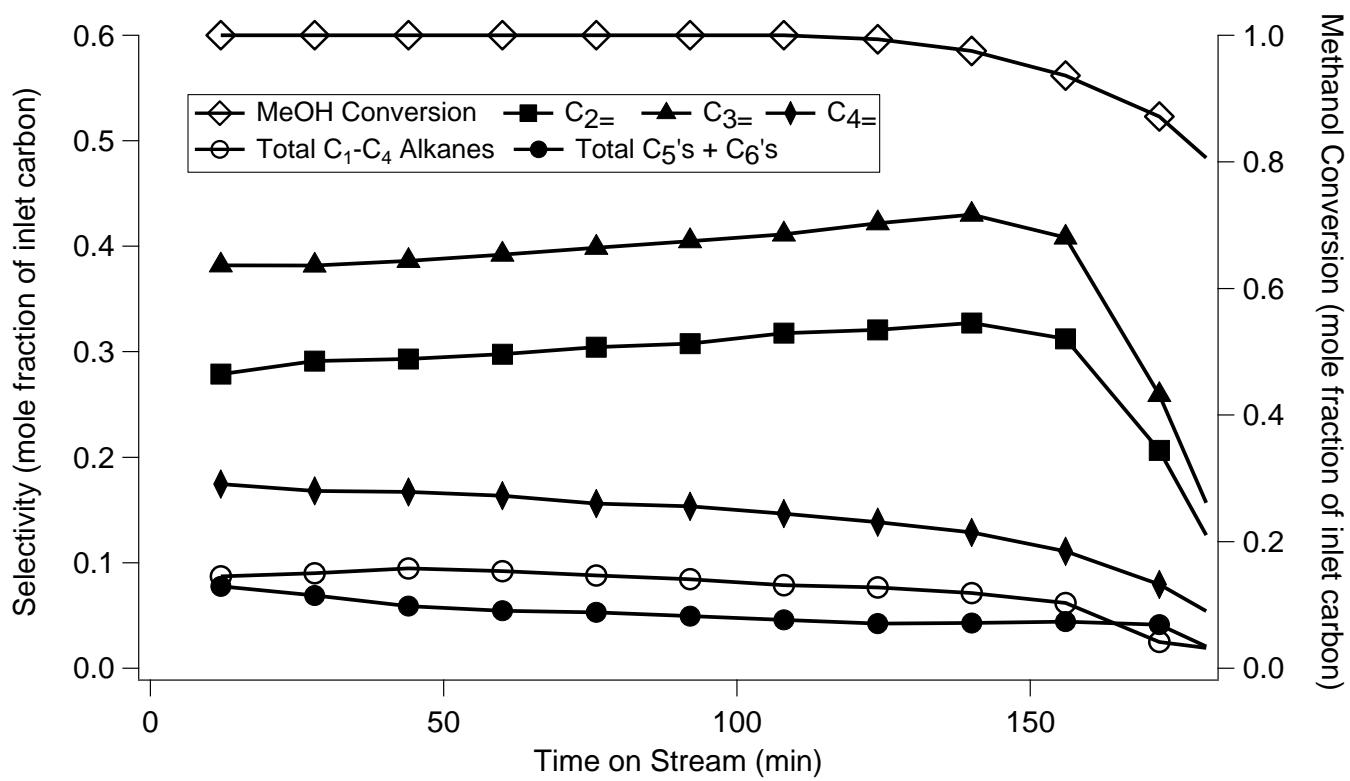


Figure S2. SAPO-34

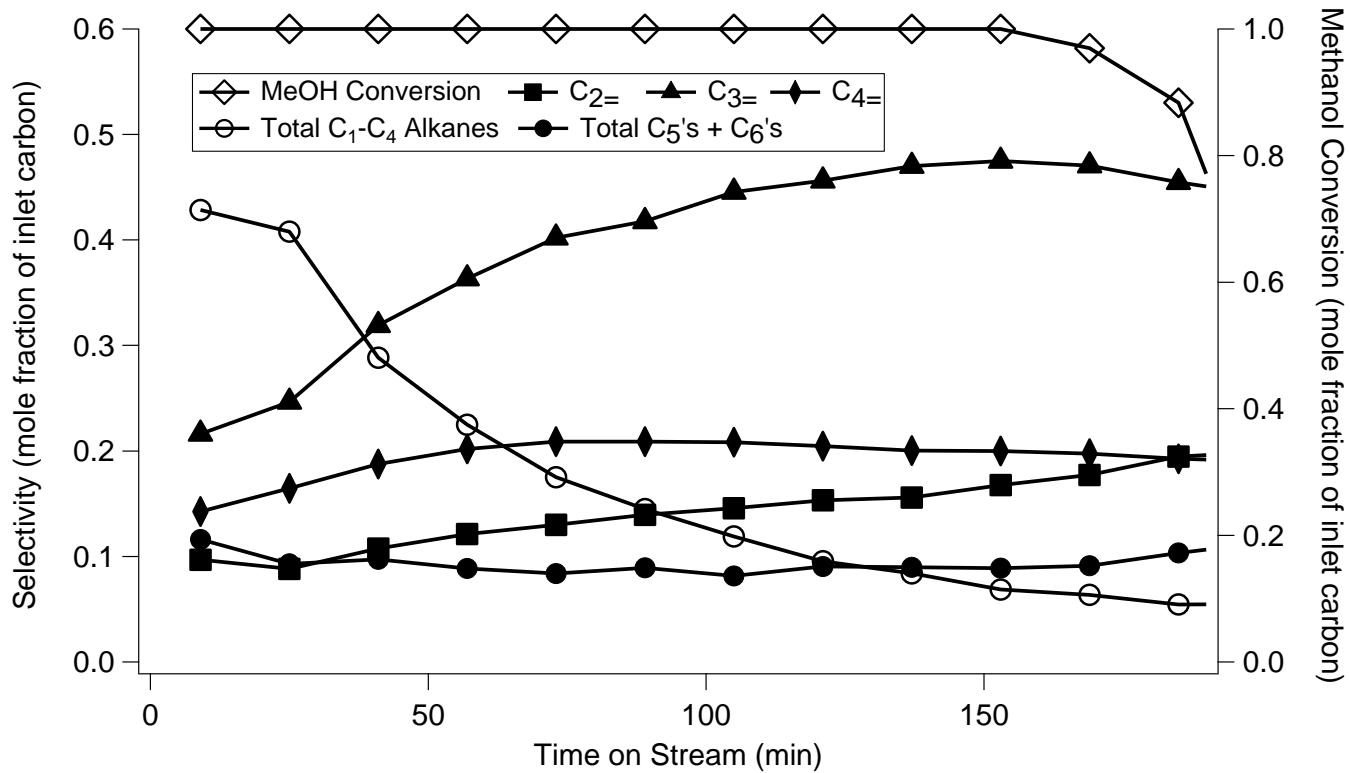


Figure S3. Fresh Si/Al=17 RTH (sample H6)

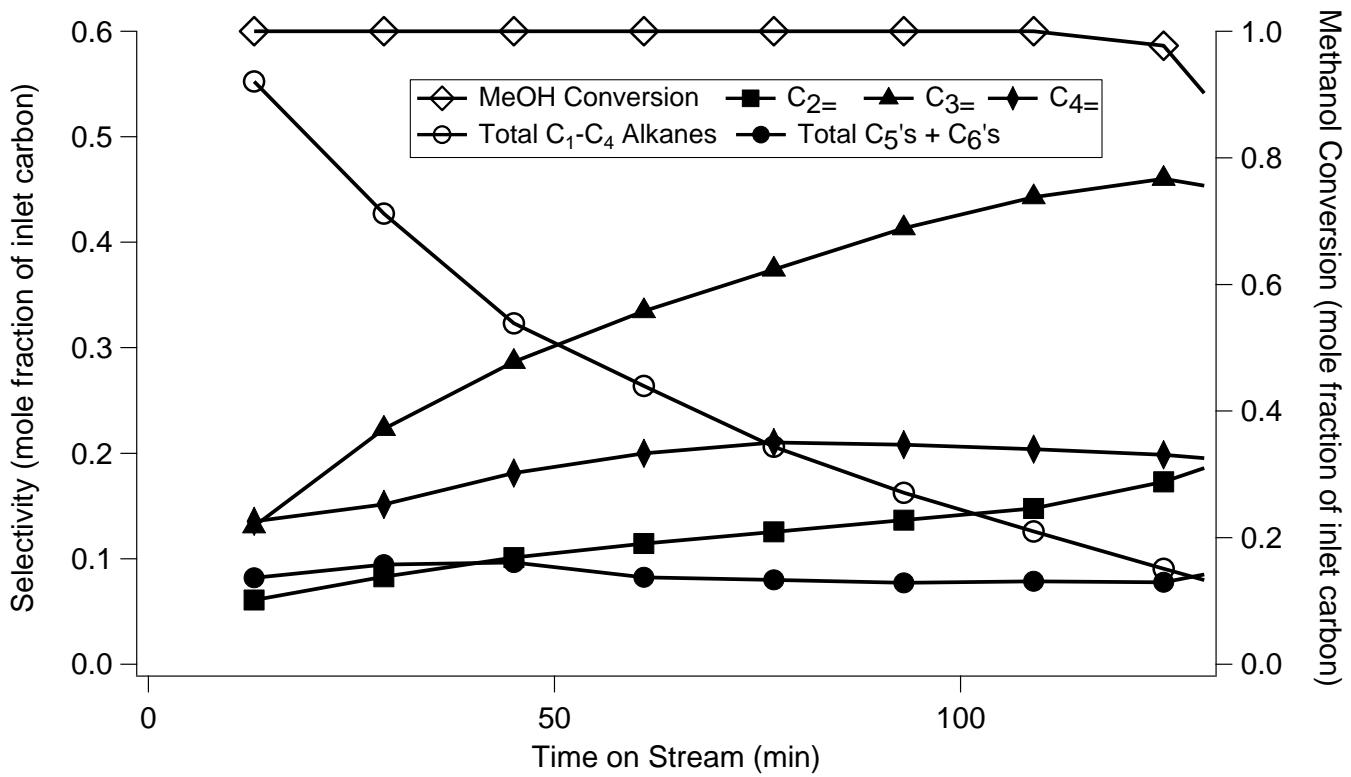


Figure S4. Si/Al=17 RTH regenerated one time (sample H6)

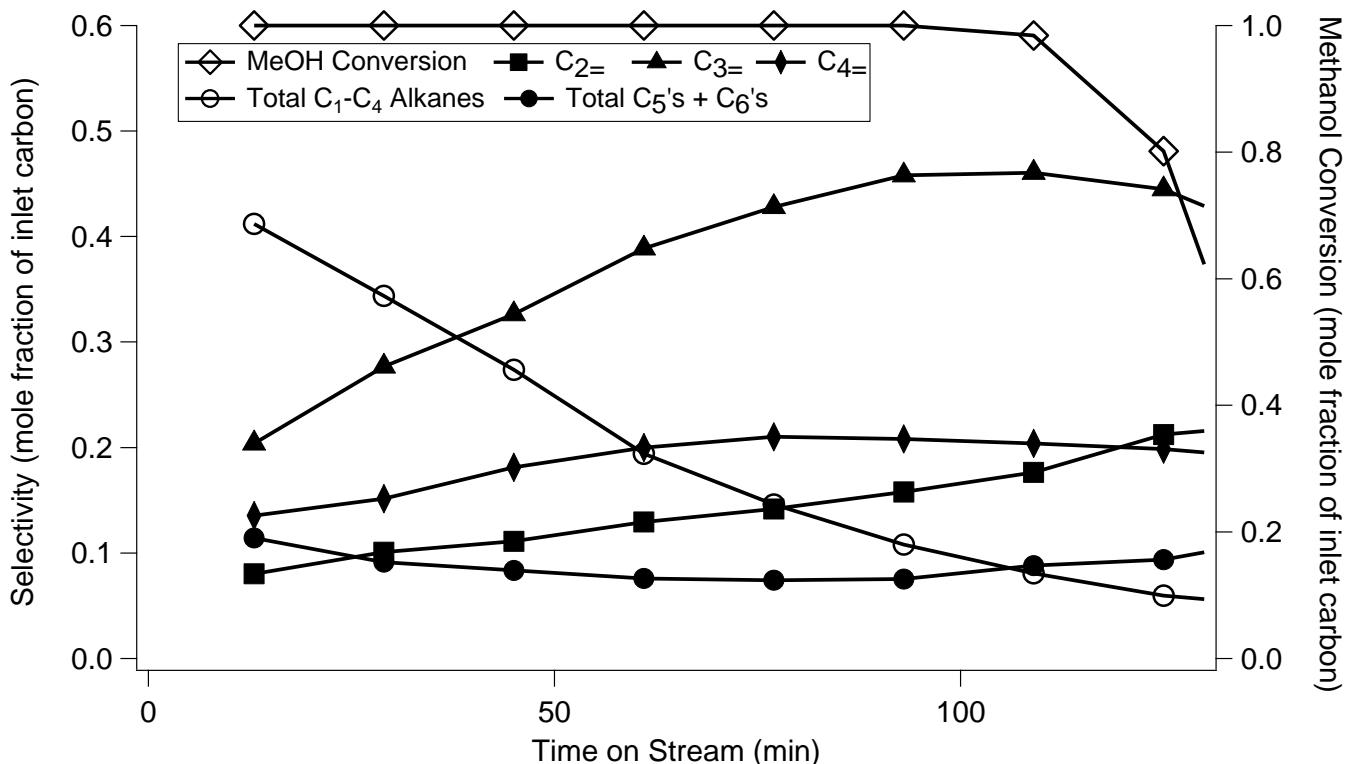


Figure S5. Si/Al=17 RTH regenerated two times (sample H6)