

Figure 1 Ultrasonication results for a doubly-promoted iron catalyst, deposited on preformed alumina

AQFE/CU/K/AL-FH1-137
1 g/50ml
Amplitude=20

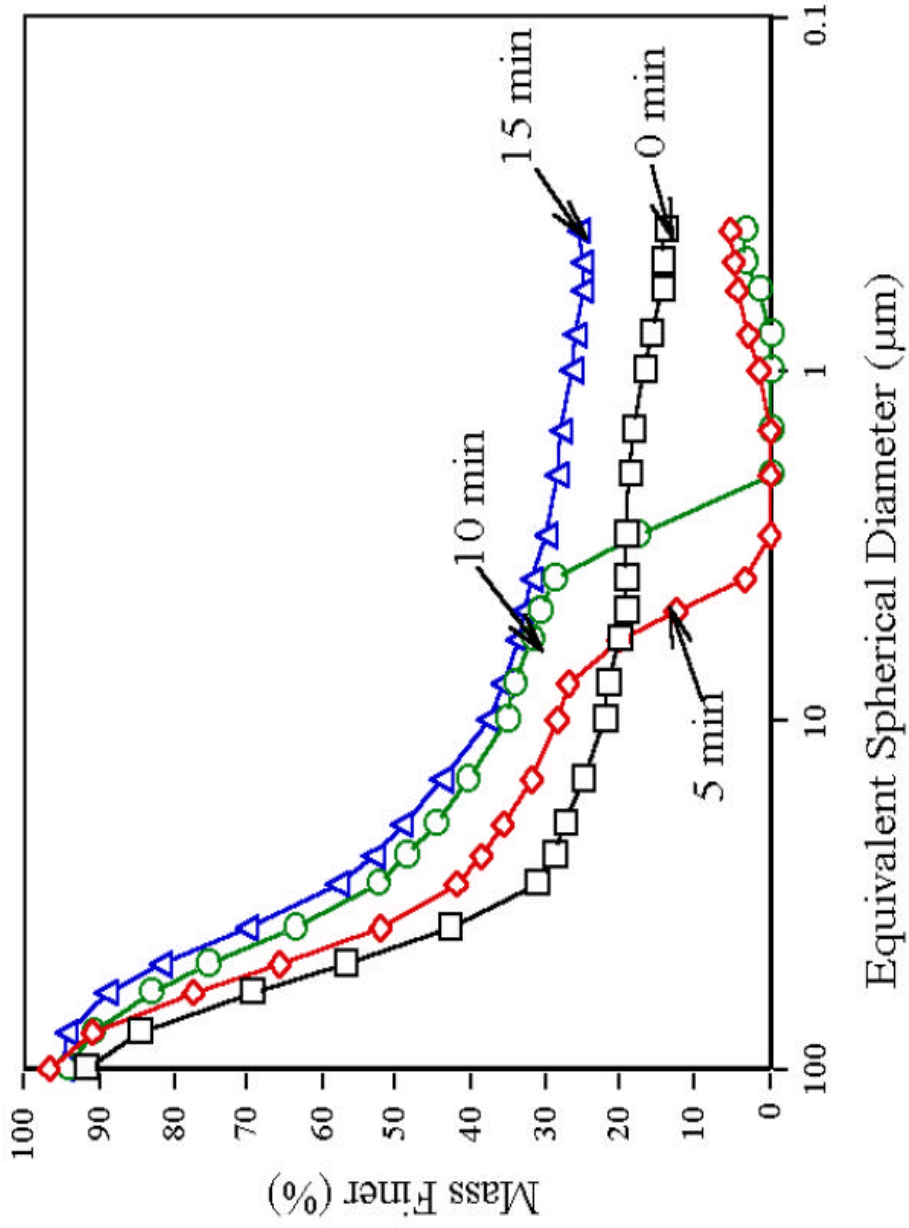


Figure 2 Ultrasonication results for a doubly-promoted iron catalyst, deposited on preformed alumina

PRFECUAL/4K-ED10-58
1g/50ml
Amplitude=20

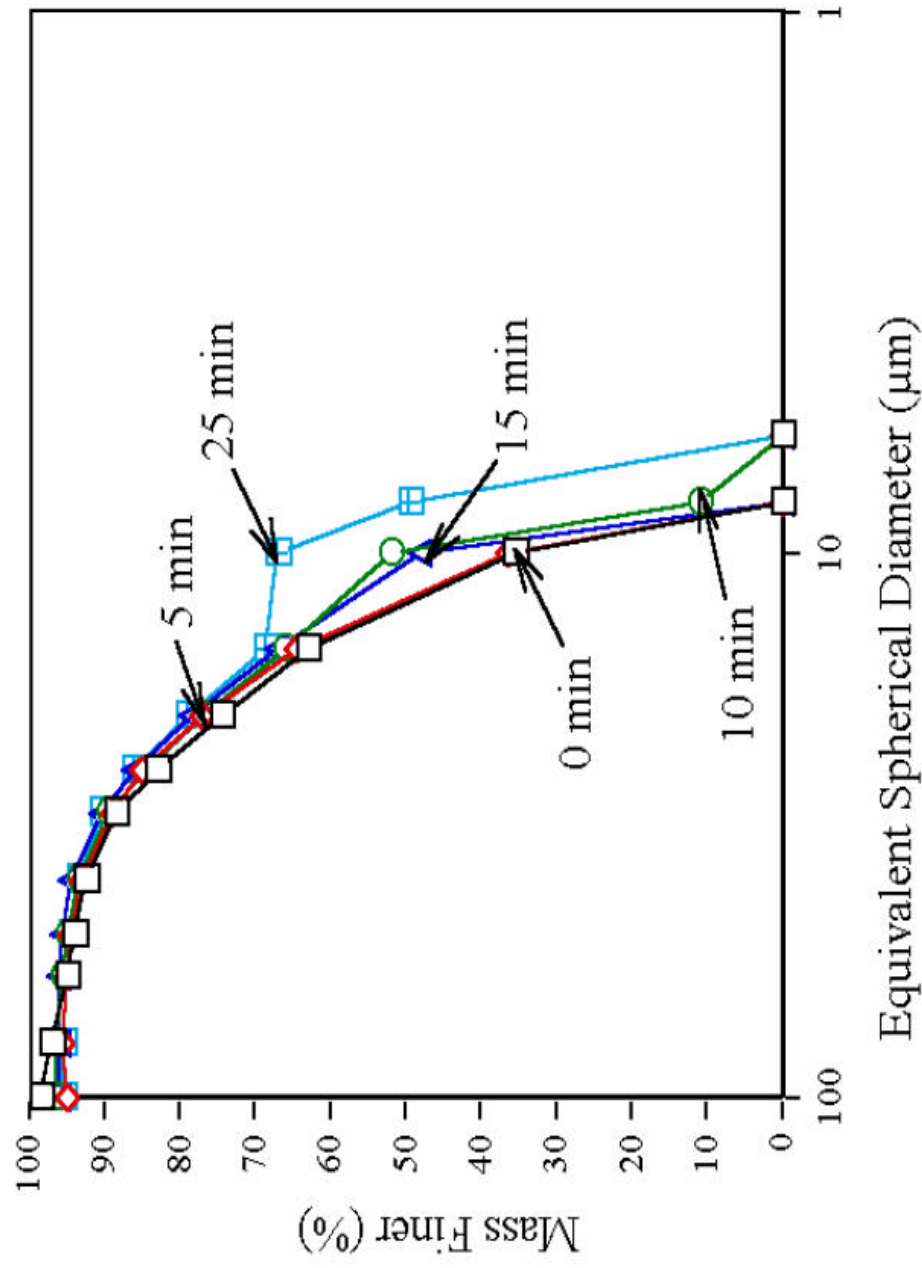


Figure 3 Ultrasonication results for a Cu-promoted iron catalyst on alumina

PRFECUPRAL/4K-ED11-117
1 g/50 ml
Amplitude = 20

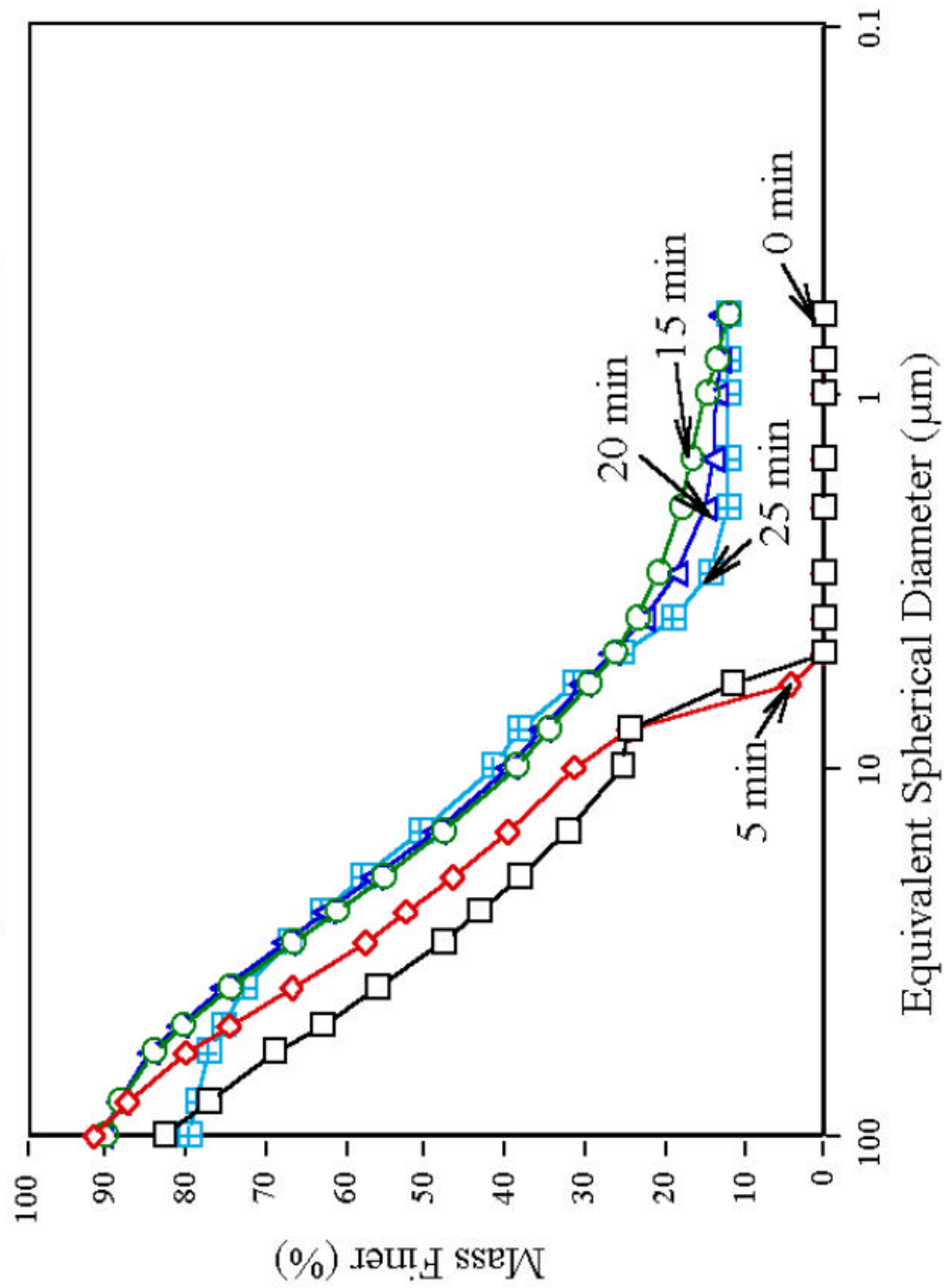


Figure 4 Ultrasonication results for a Cu-promoted iron catalyst on alumina

Fe₃O₄ with SiO₂
(Spray-Dried)
1 g/50ml
Amplitude=20

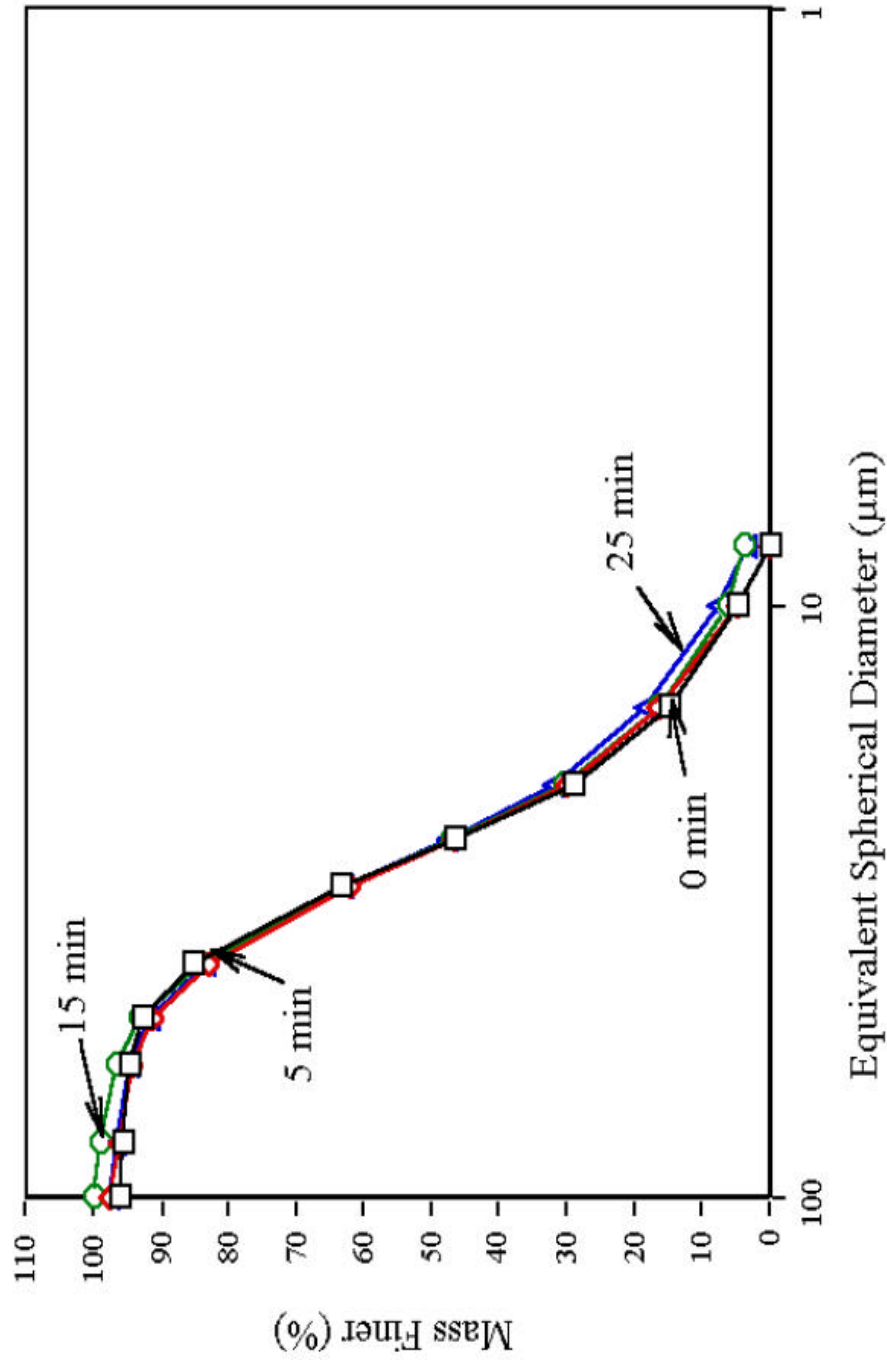


Figure 5 Ultrasonic Fragmentation Results for a spray-dried, Fe₃O₄/silica catalyst

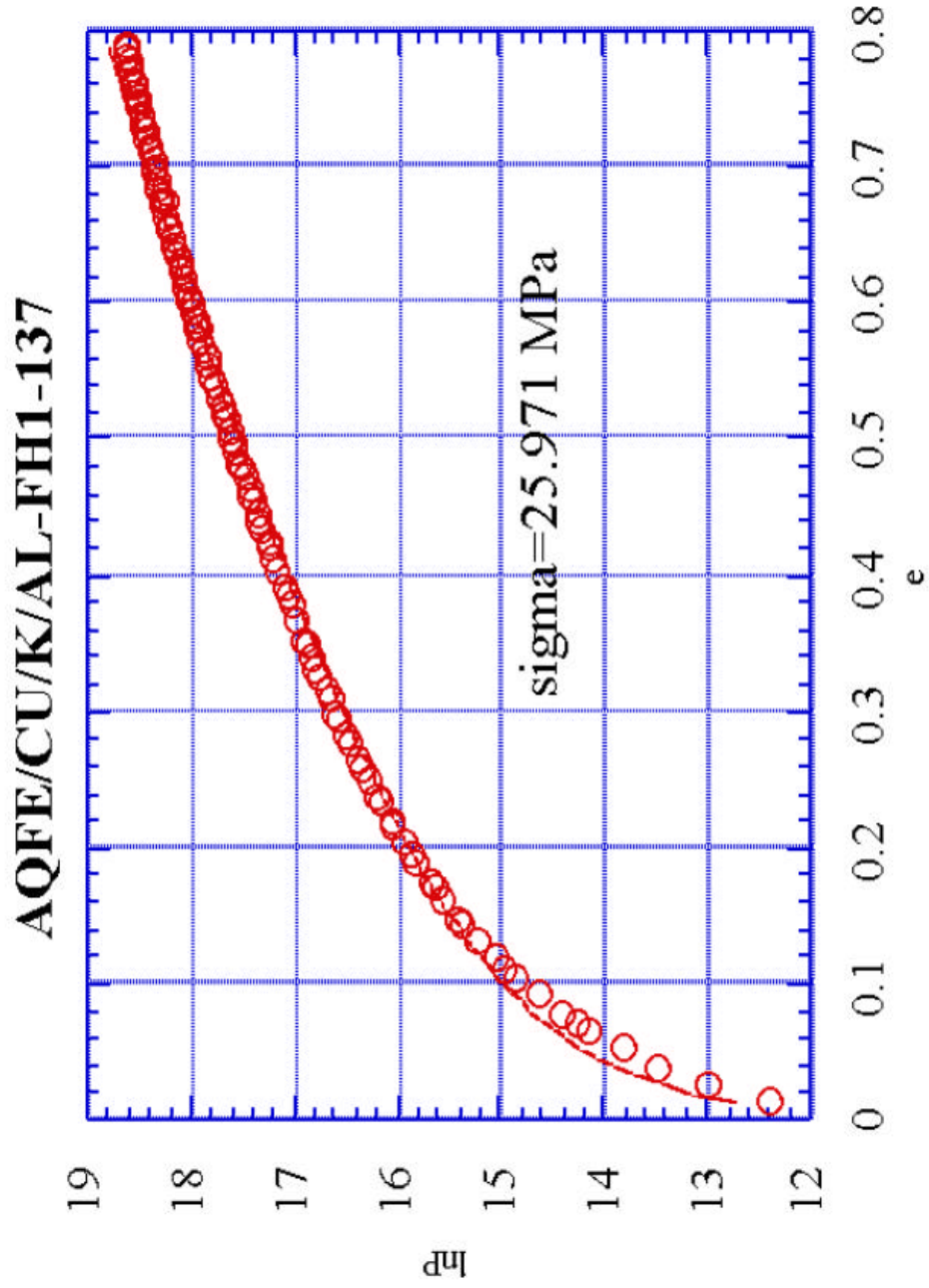


Figure 6 Uniaxial Compaction results for a doubly - promoted iron catalyst, deposited on preformed alumina

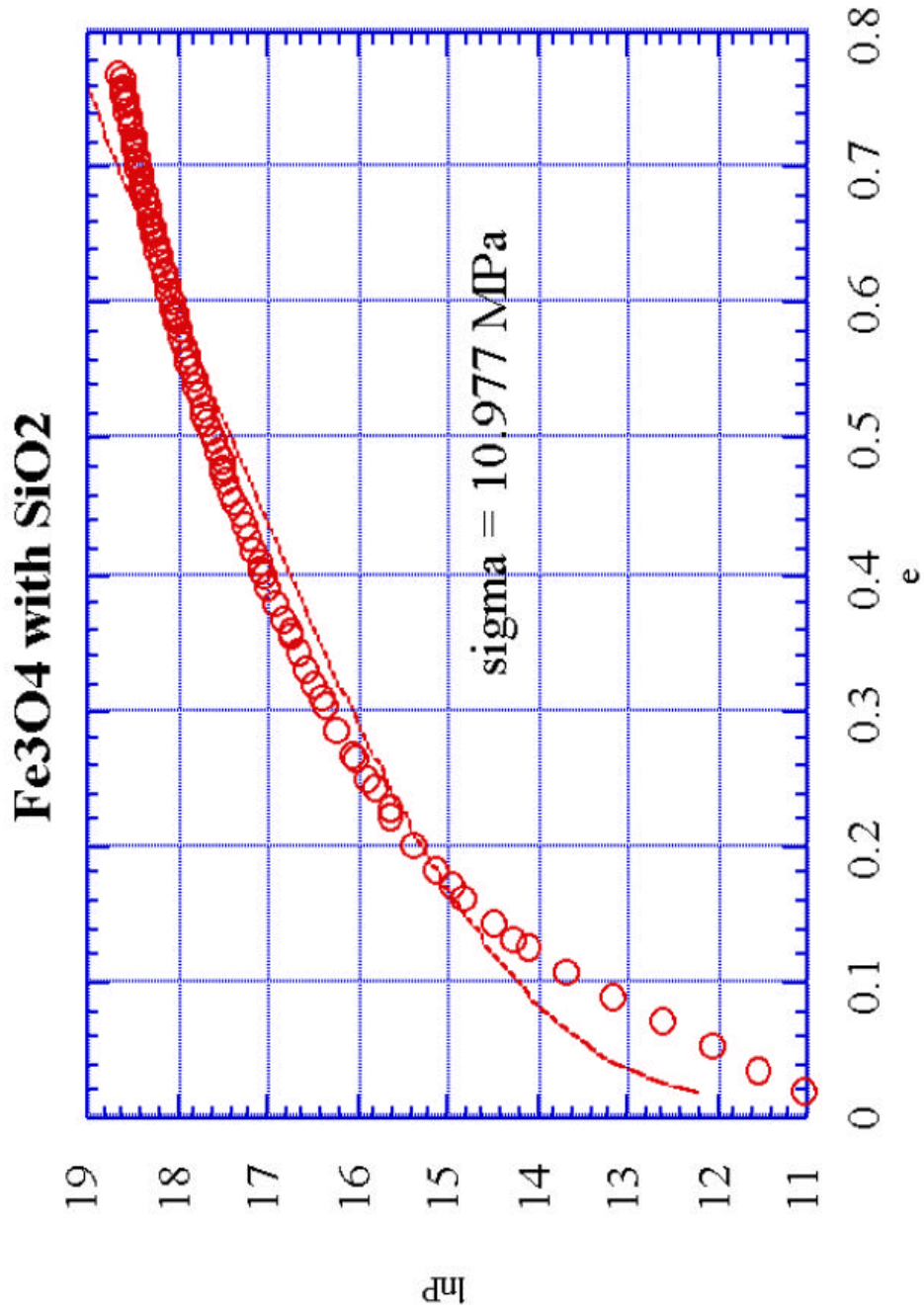


Figure 7 Uniaxial compaction results for the $\text{Fe}_3\text{O}_4/\text{silica}$ catalyst