

Figure 55

Effect of Space Velocity on Product Distribution

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$;

Pressure = 2600 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

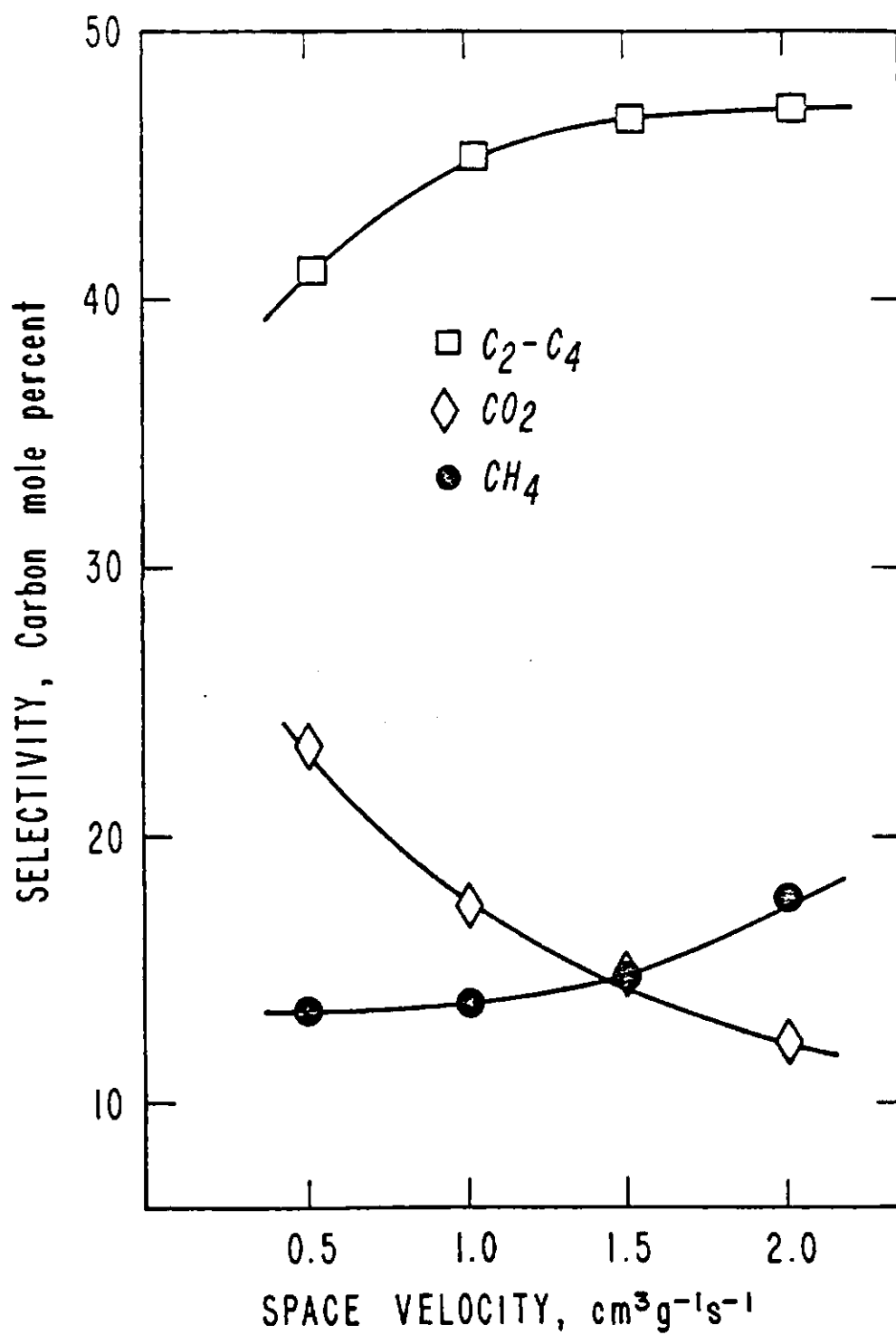


Figure 56

Effect of Space Velocity on Product Distribution

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$;

Pressure = 3200 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

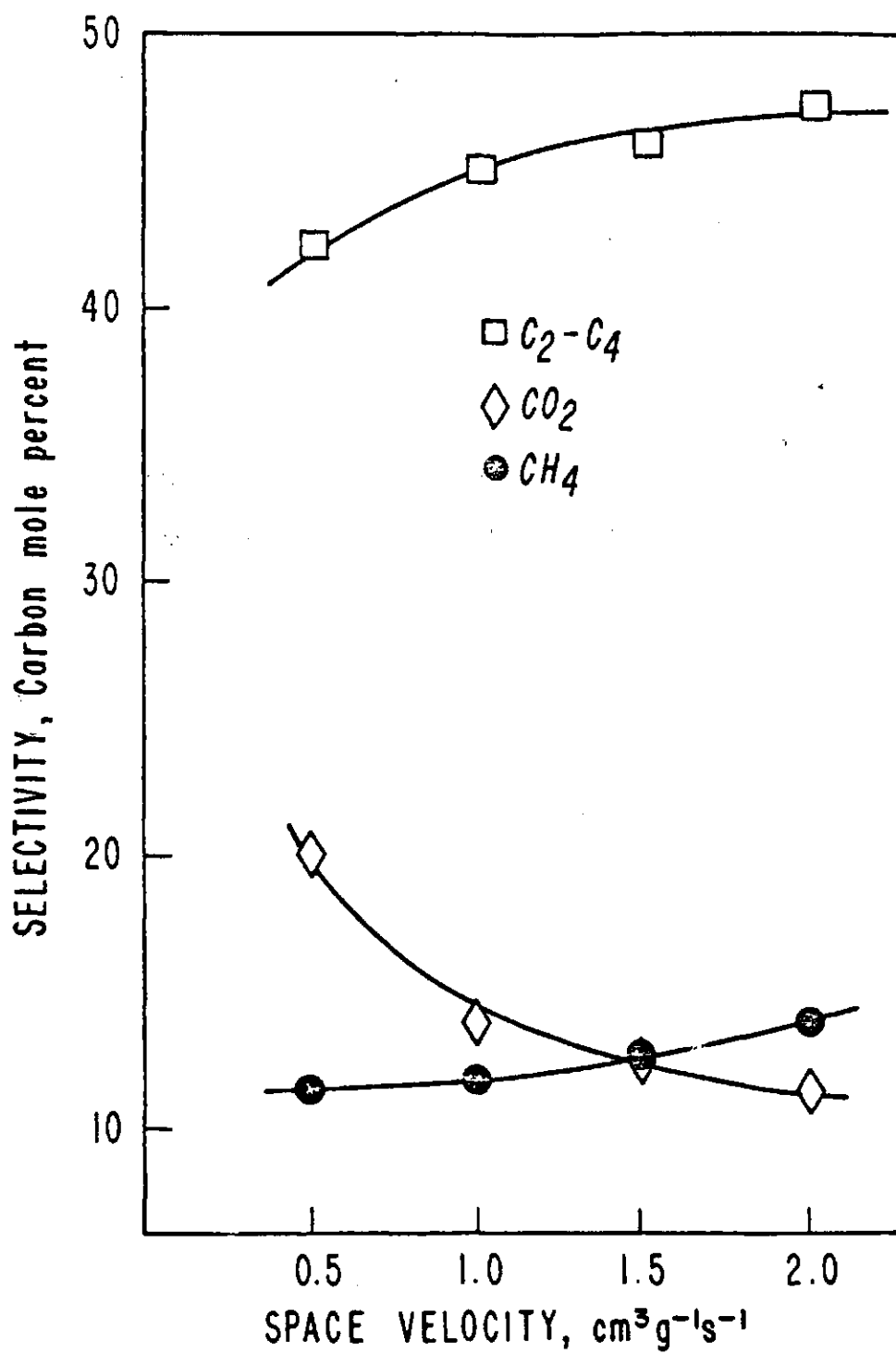


Figure 57

Effect of Space Velocity on Product Distribution

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$;

Pressure = 4400 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3\text{s}^{-1}$.

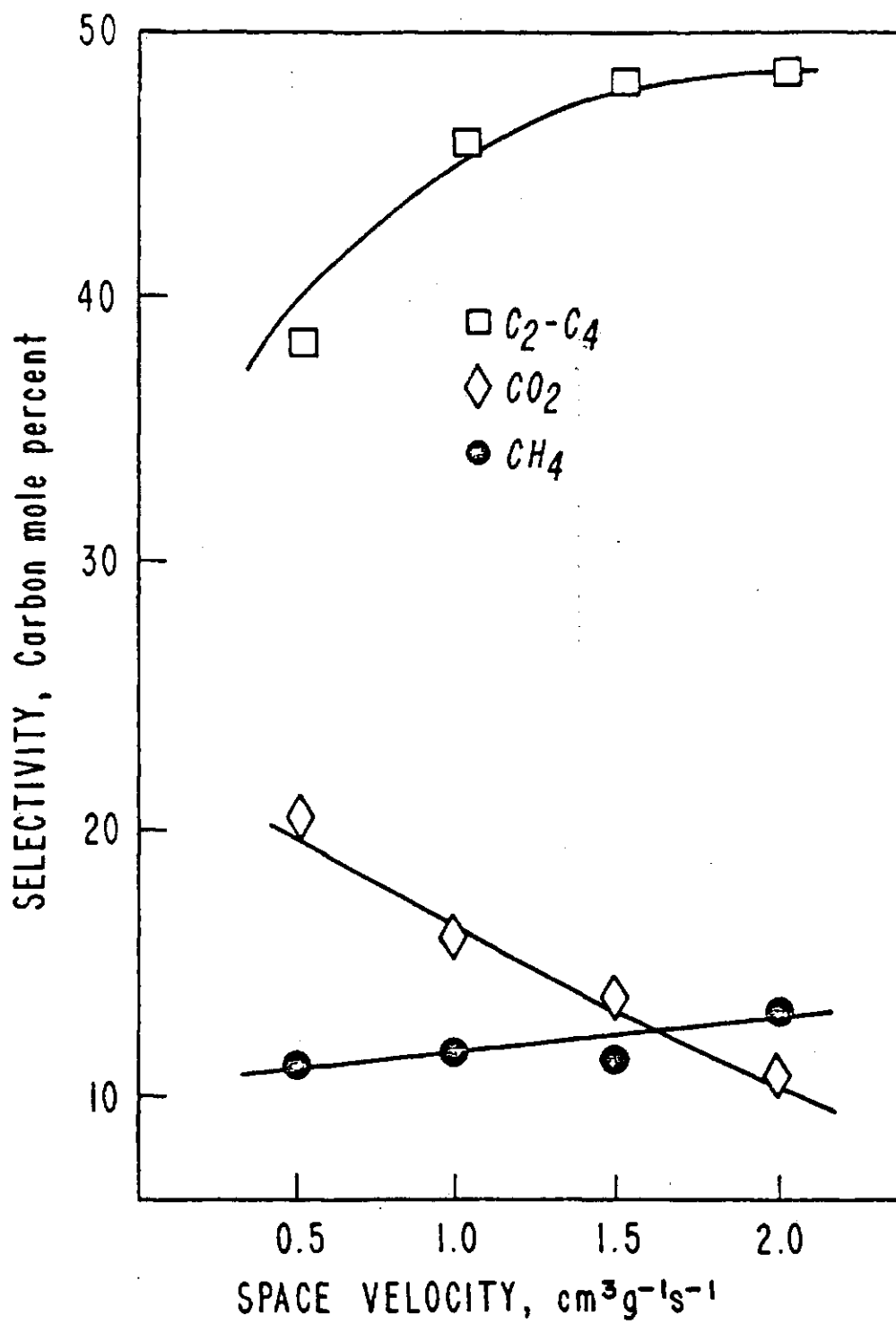


Figure 58

Effect of Space Velocity on Product Distribution

Diluted Bed, Pseudo Slurry Reactor

Temperature = 493 K; $H_2/CO = 2/1$;

Pressure = 2760 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

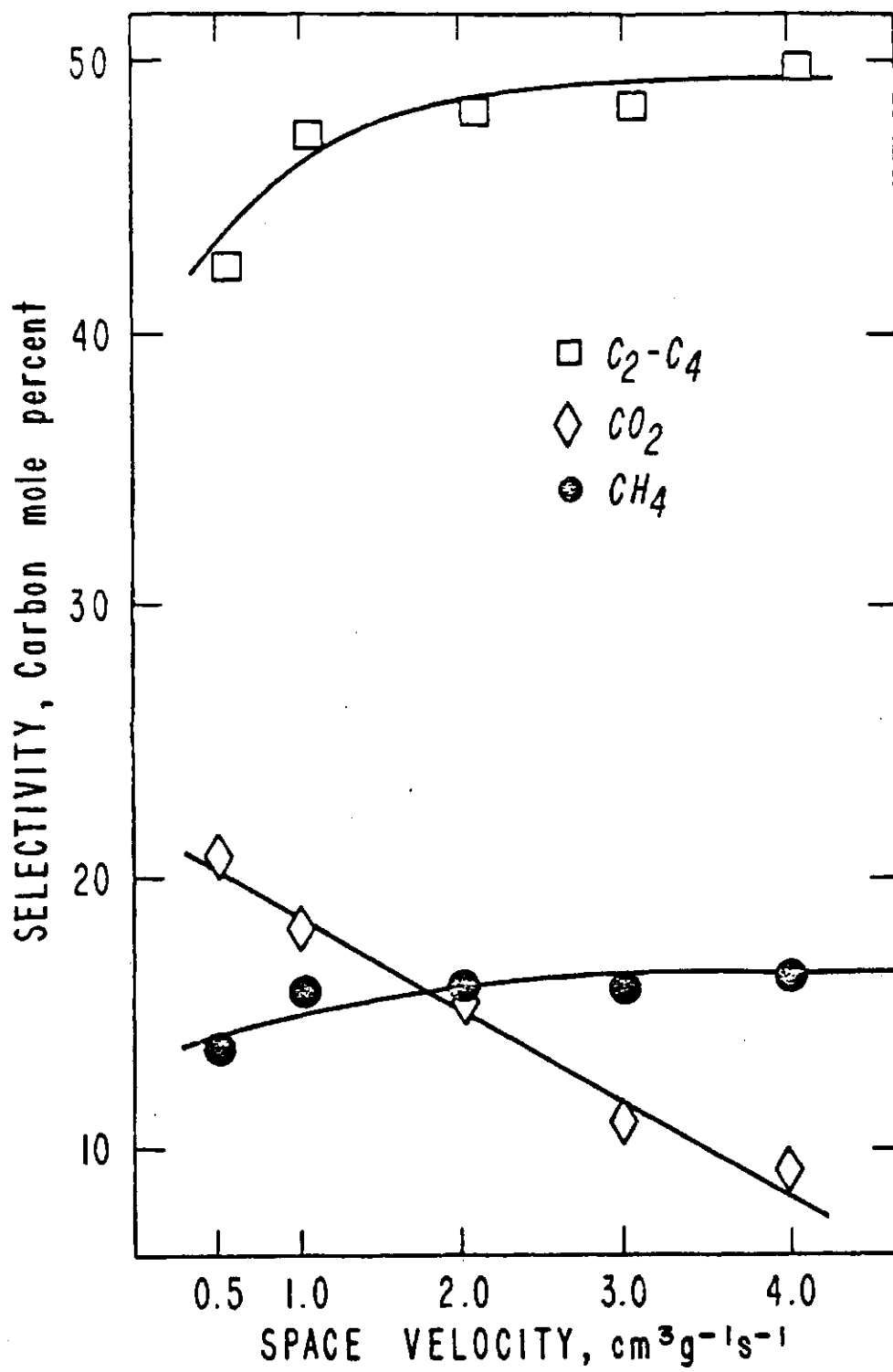


Figure 59

Effect of Space Velocity on Olefin Selectivity

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$;

Pressure = 1400 kPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

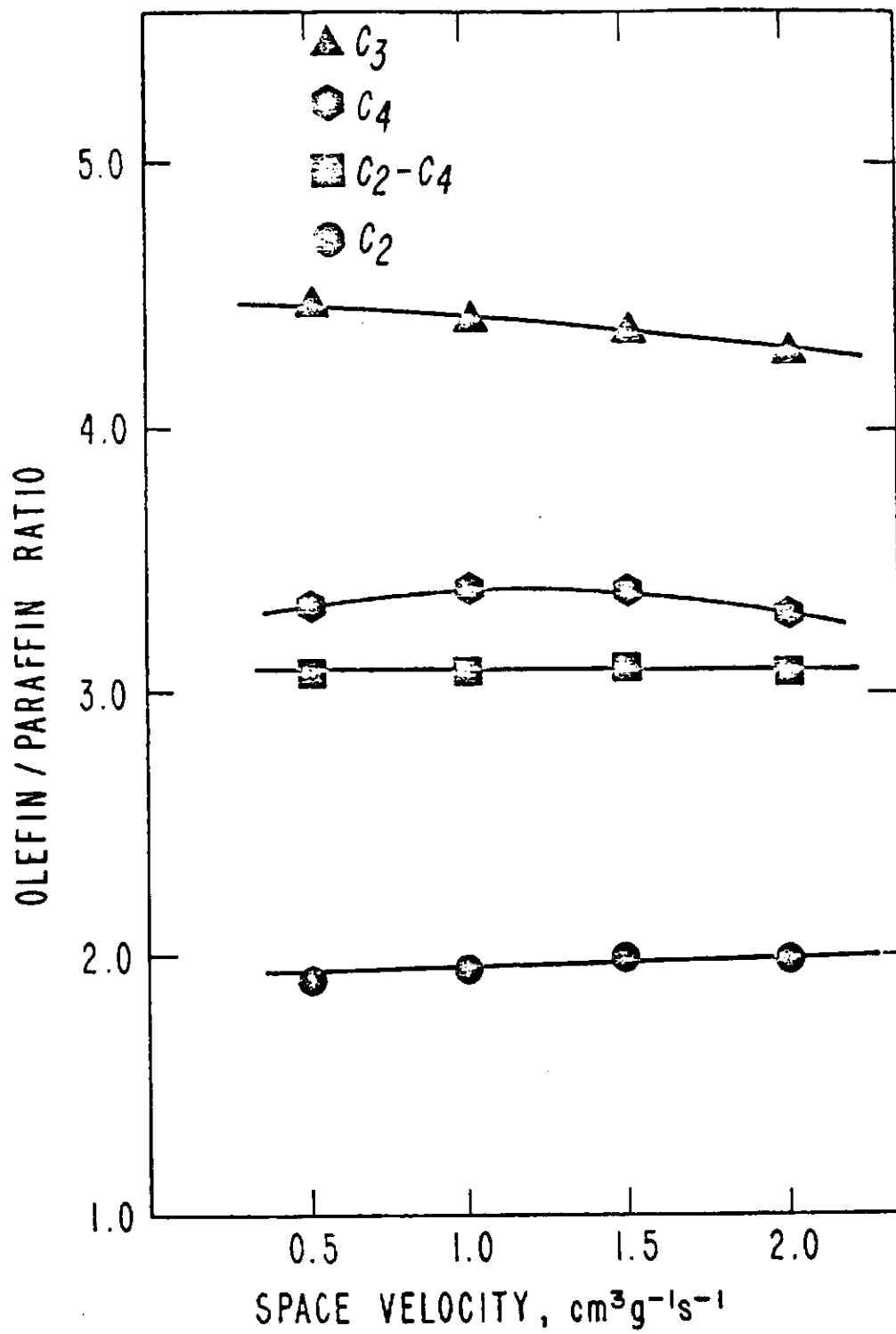


Figure 60

Effect of Space Velocity on Olefin Selectivity

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$:

Pressure = 2000 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

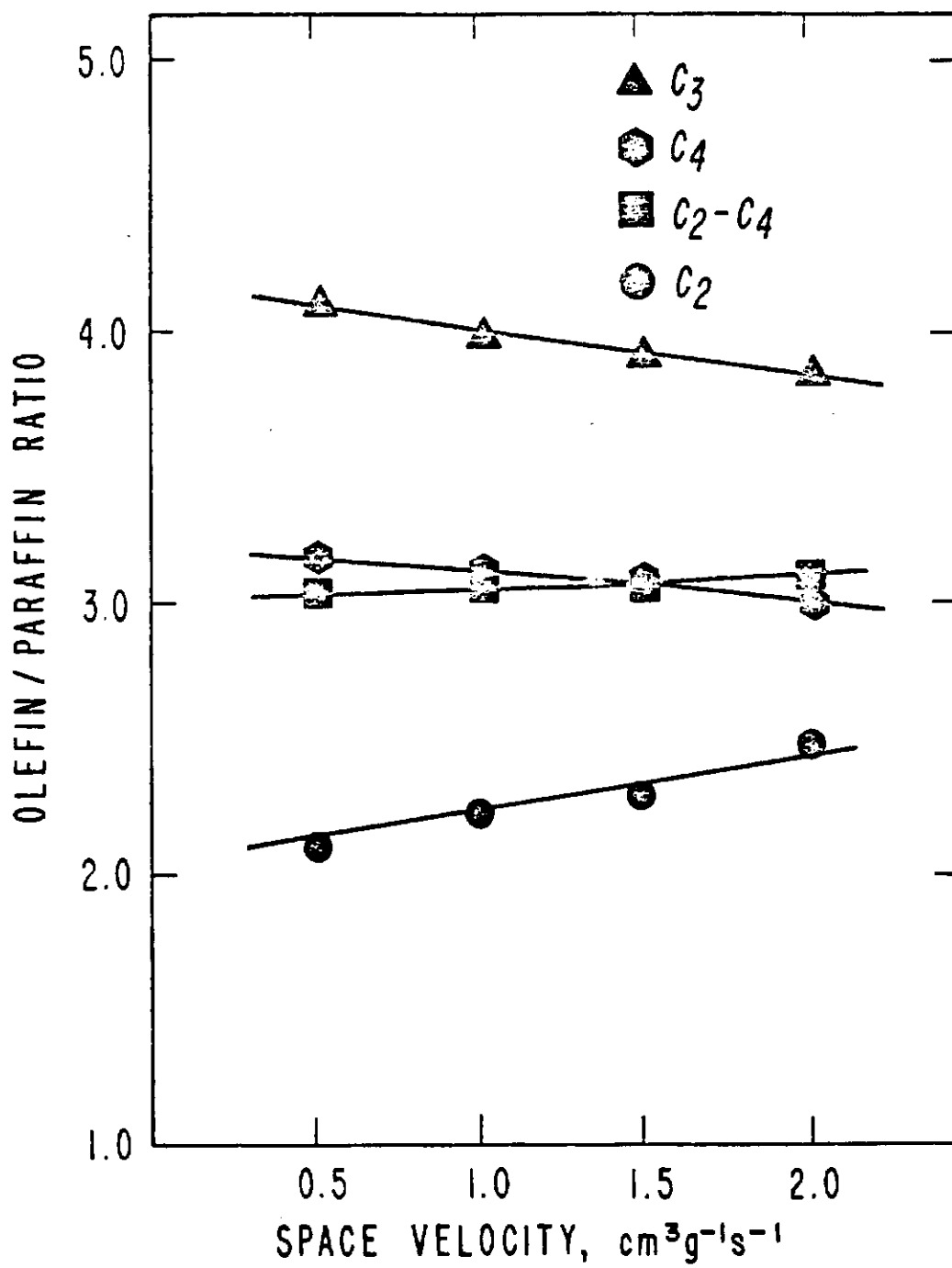


Figure 61

Effect of Space Velocity on Olefin Selectivity

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$;

Pressure = 2600 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

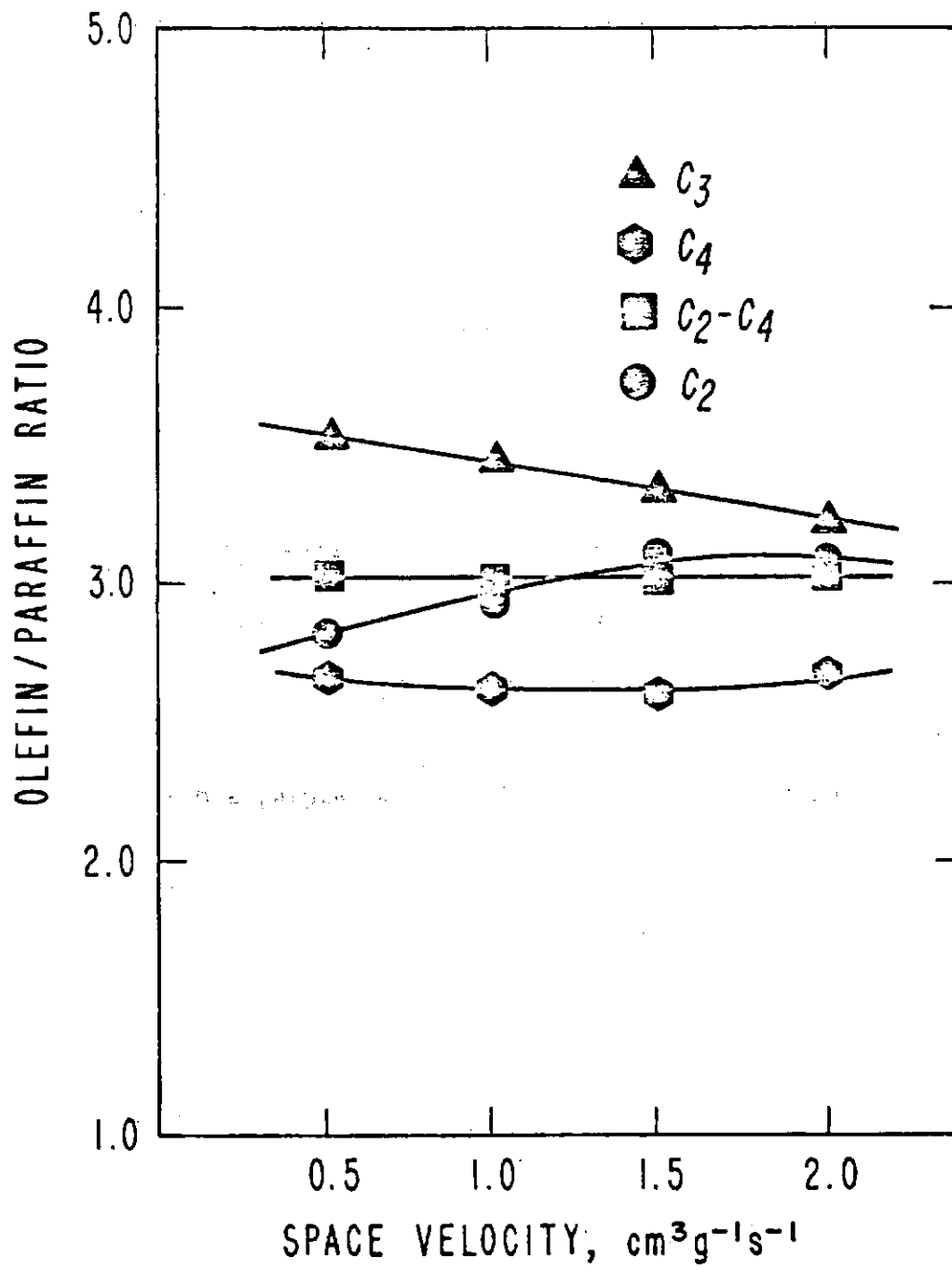


Figure 62

Effect of Space Velocity on Olefin Selectivity

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$;

Pressure = 3200 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

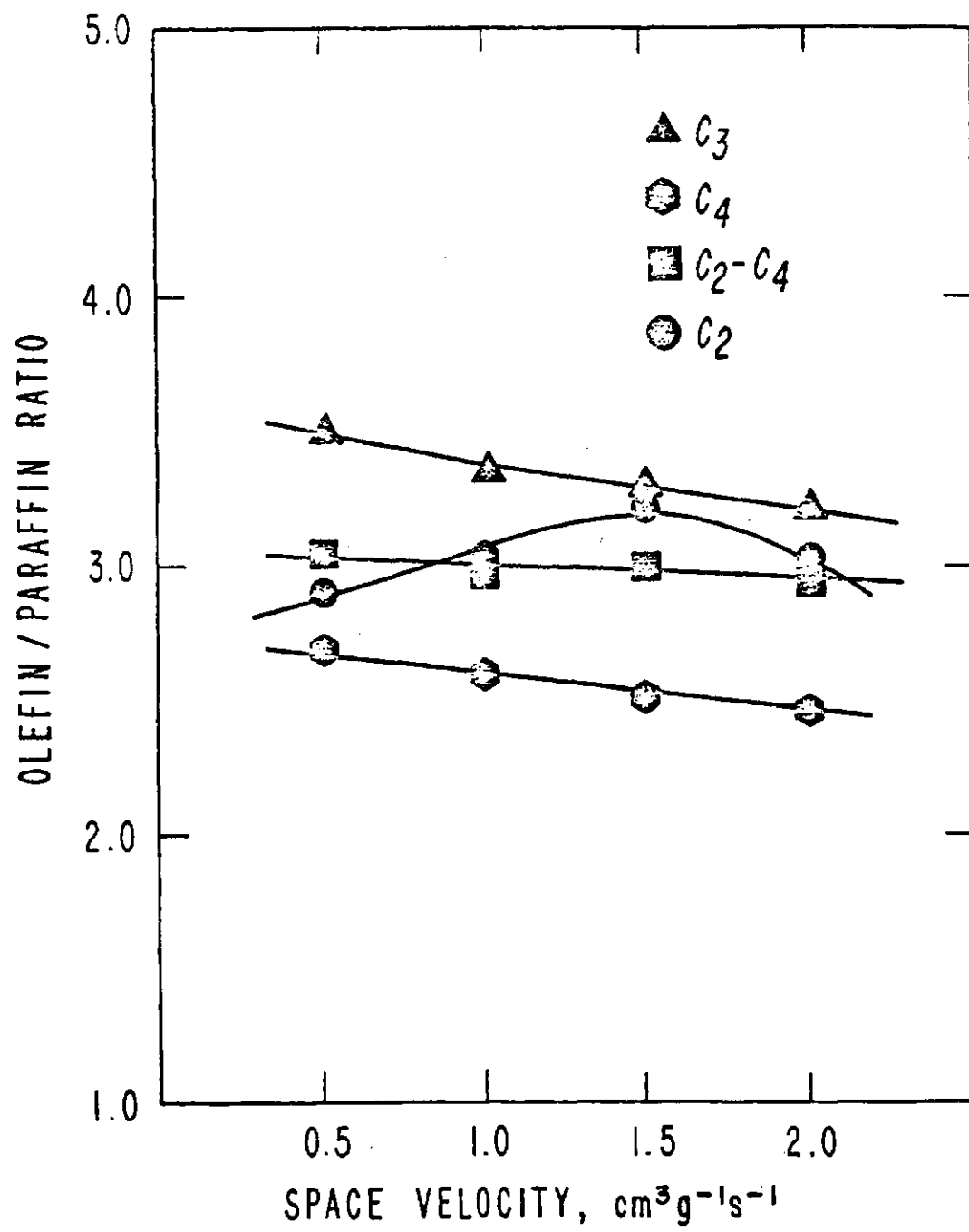


Figure 63

Effect of Space Velocity on Olefin Selectivity

Diluted Bed, Pseudo Slurry Reactor

Temperature = 503 K; $H_2/CO = 2/1$;

Pressure = 4400 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

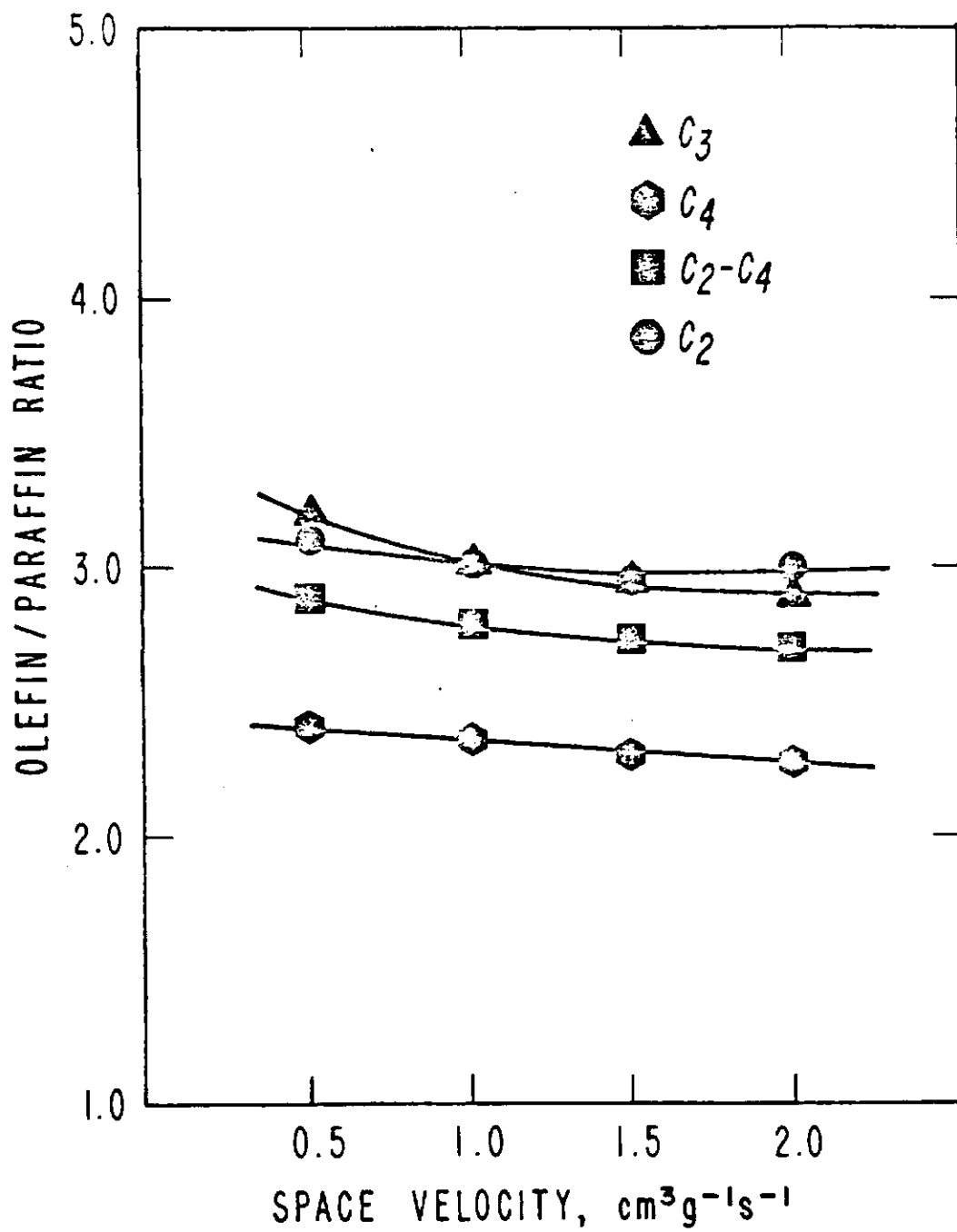


Figure 64

Effect of Space Velocity on Olefin Selectivity

Diluted Bed, Pseudo Slurry Reactor

Temperature = 493 K; $H_2/CO = 2/1$;

Pressure = 2760 KPa;

Heat Transfer Liquid Flow Rate (n-C16) = $0.103 \text{ cm}^3 \text{ s}^{-1}$.

