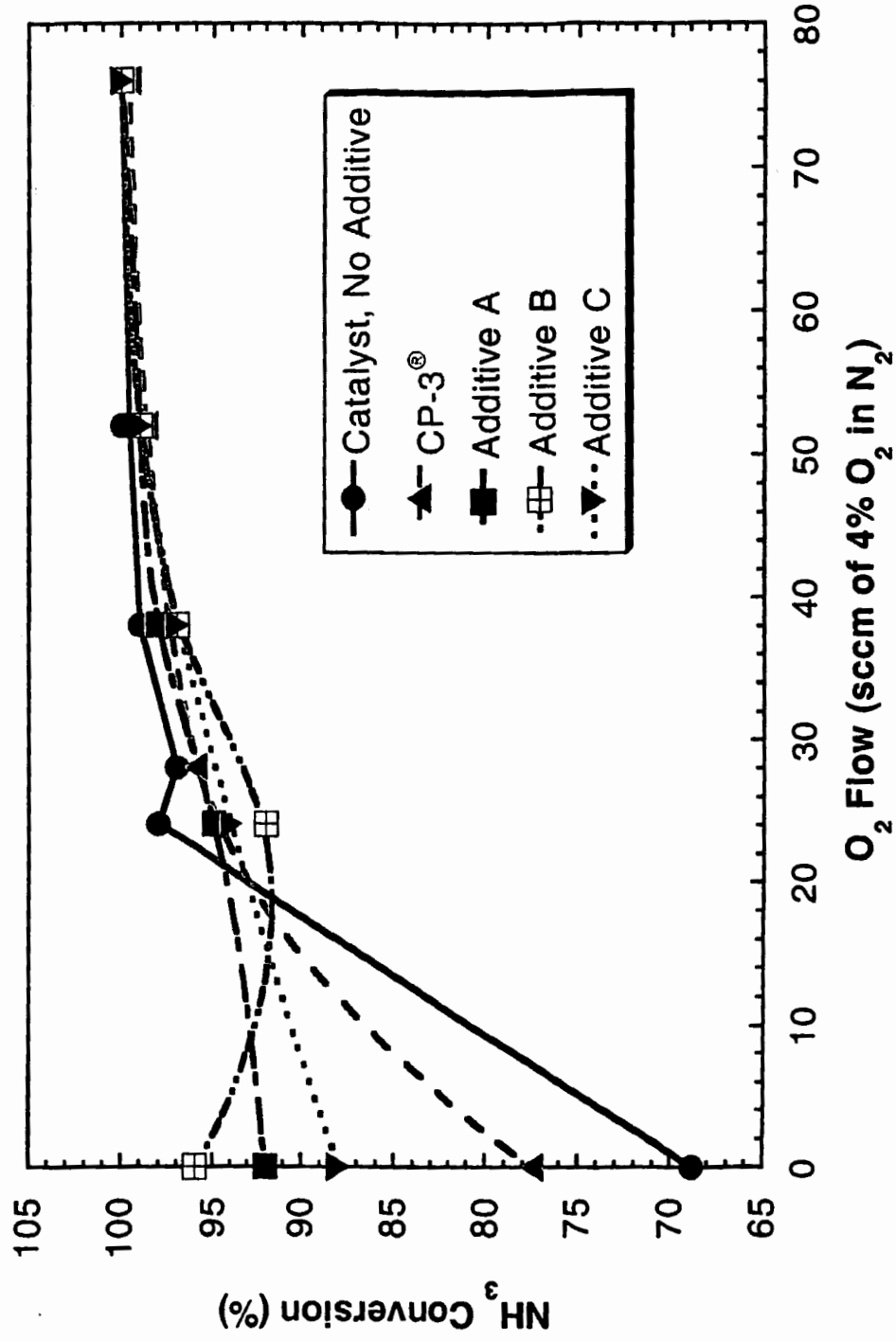

Catalyst, No Additive
CP-3®
Additive A
Additive B
Additive C
NH3 Conversion (%)
105
100
95
90
85
80
75
70
65
0
10
20
30
40
50
60
70
80
O2 Flow (sccm of 4% O2 in N2)

FIG. 1

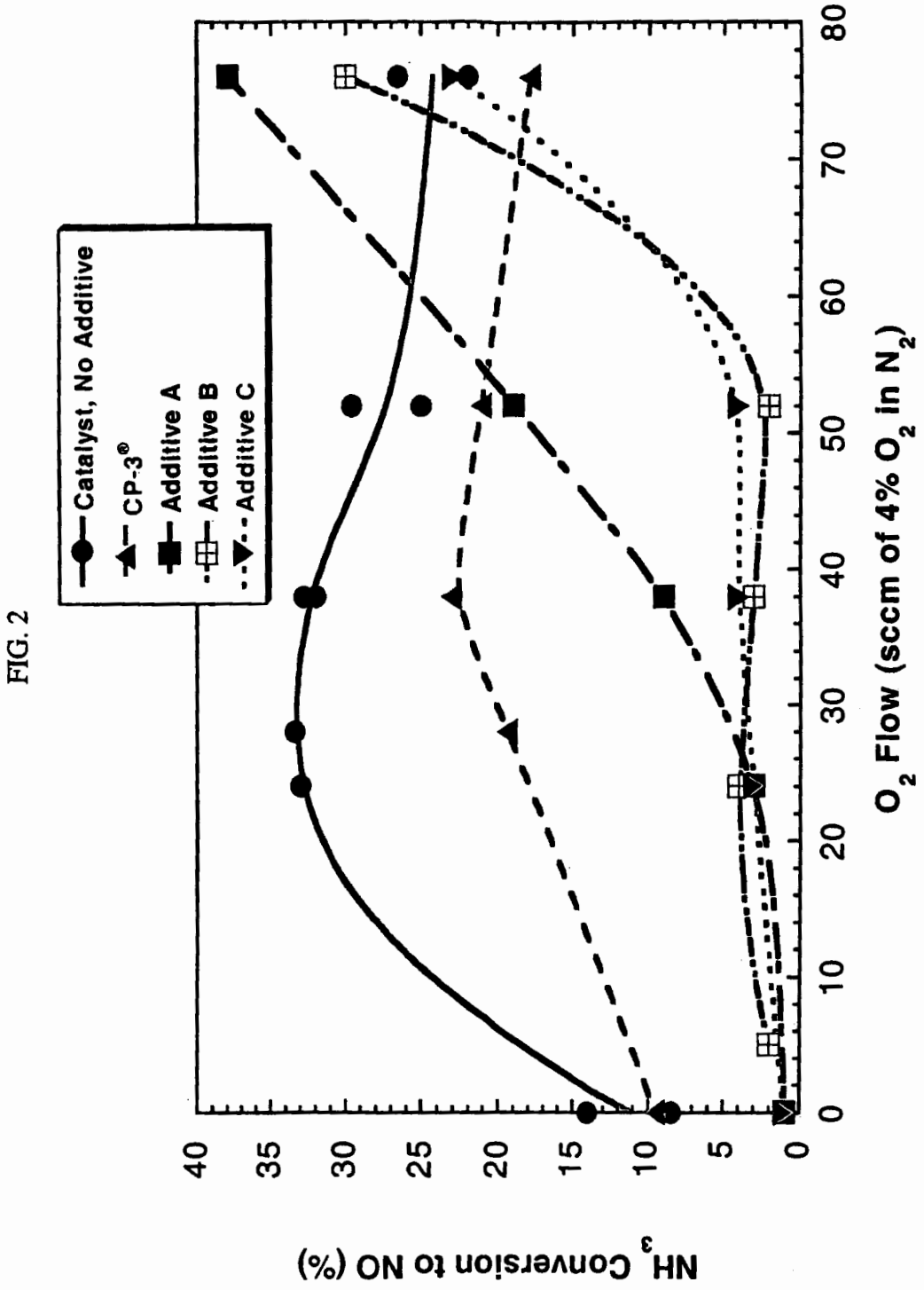

Catalyst, No Additive
CP-3®
Additive A
Additive B
Additive C
NH3 Conversion to NO (%)
O2 Flow (sccm of 4% O2 in N2)
0
5
10
15
20
25
30
35
40
0
10
20
30
40
50
60
70
80

FIG. 2

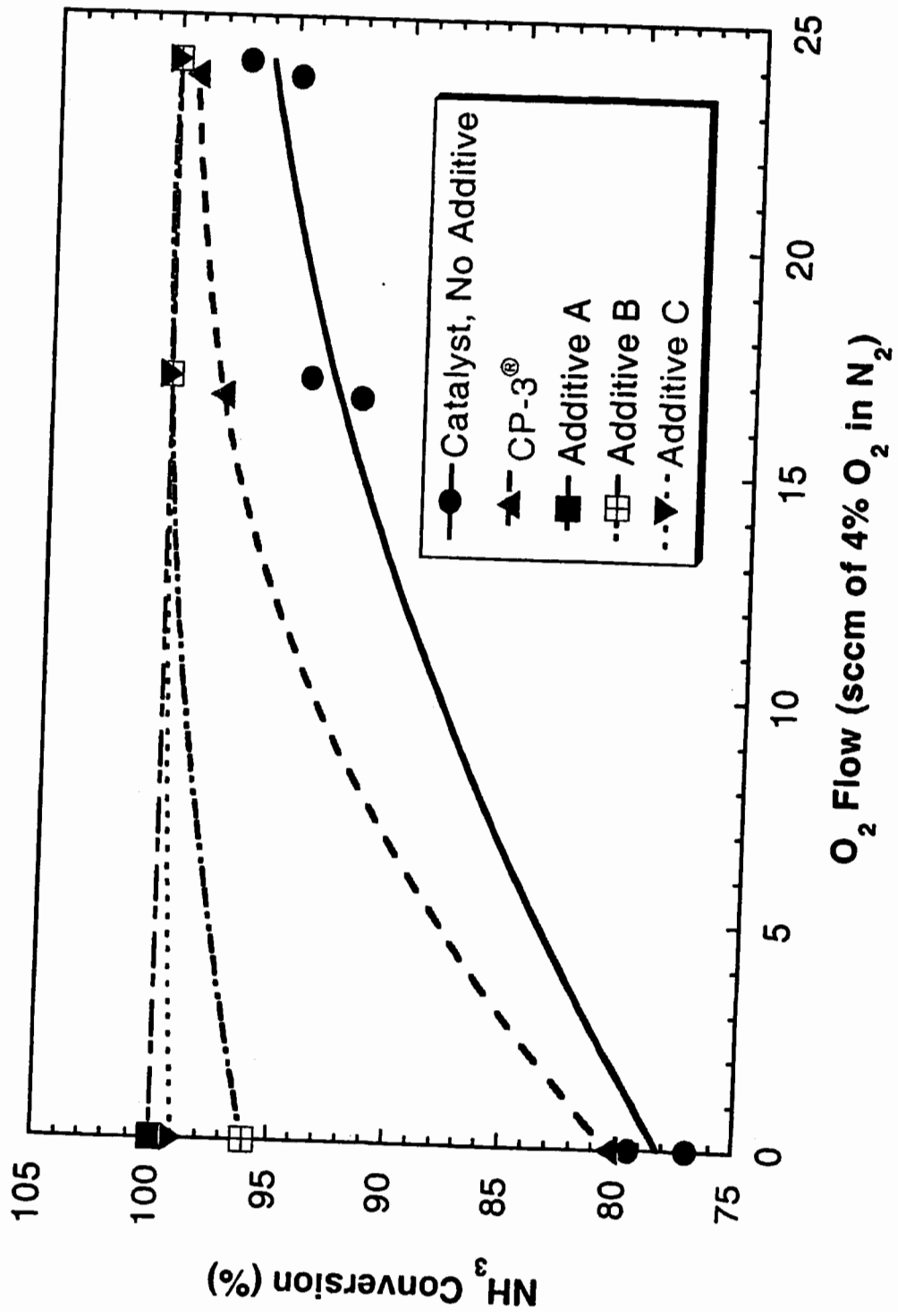

NH3 Conversion (%)
105
100
95
90
85
80
75
0
5
10
15
20
25
O2 Flow (sccm of 4% O2 in N2)
Catalyst, No Additive
CP-3®
Additive A
Additive B
Additive C

FIG. 3

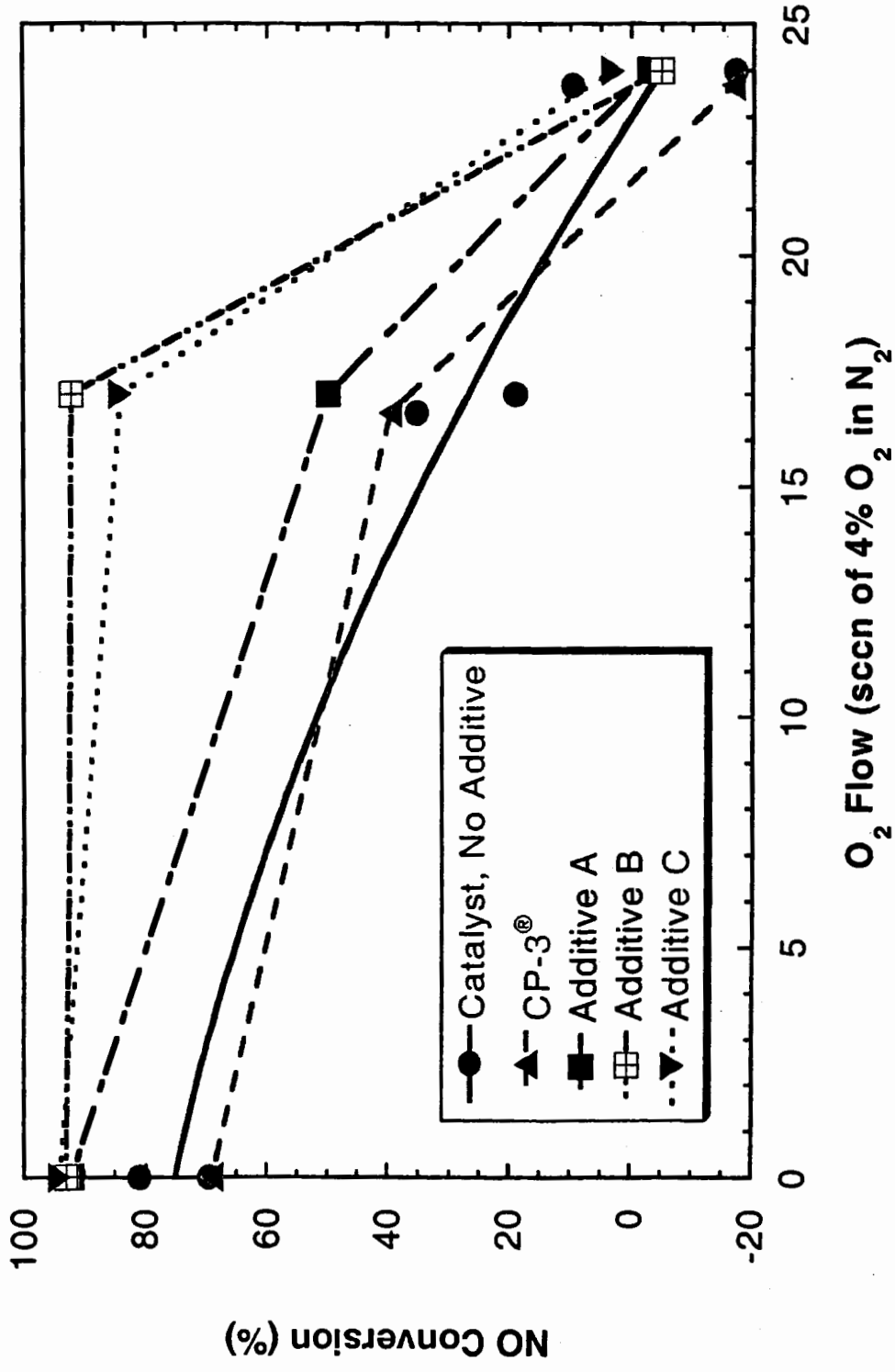

NO Conversion (%)
100
80
60
40
20
0
-20
0
5
10
15
20
25
O2 Flow (sccn of 4% O2 in N2)
Catalyst, No Additive
CP-3®
Additive A
Additive B
Additive C

FIG. 4

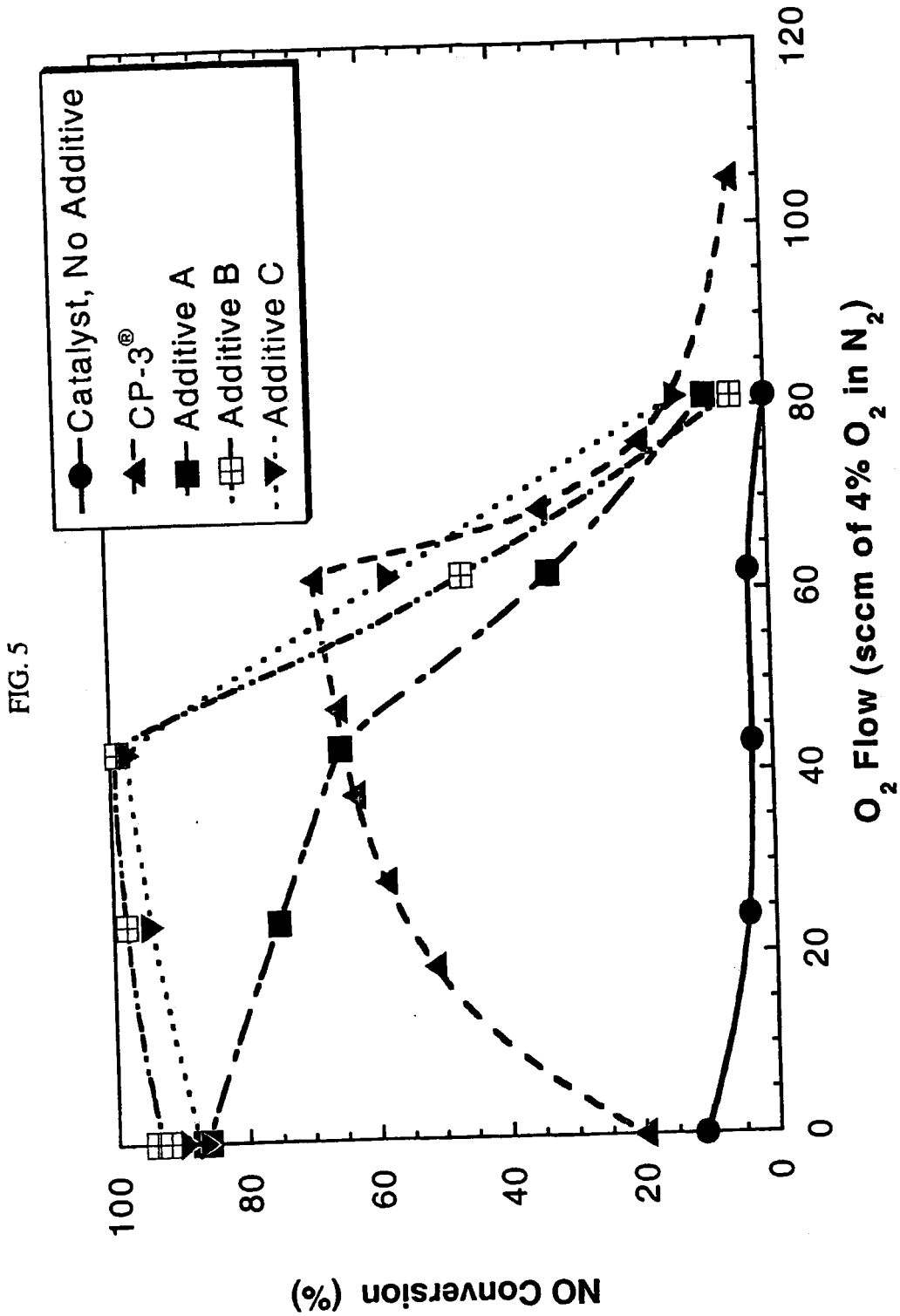

Catalyst, No Additive
CP-3®
Additive A
Additive B
Additive C
NO Conversion (%)
0
20
40
60
80
100
O2 Flow (sccm of 4% O2 in N2)
0
20
40
60
80
100
120

FIG. 5