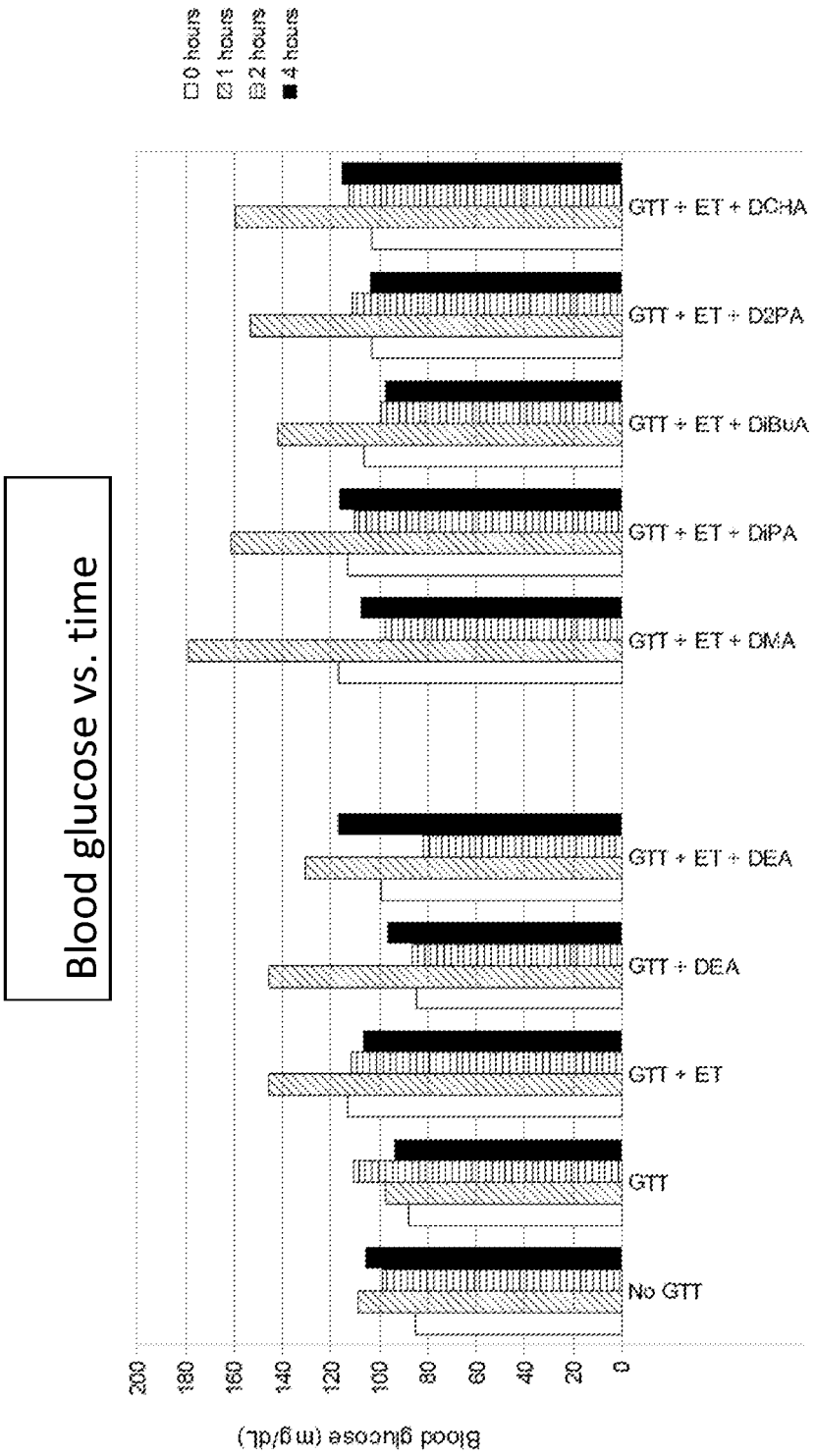

Blood glucose vs. time
0 hours
1 hours
2 hours
4 hours
GTT + ET + DCHA
GTT + ET + D2PA
GTT + ET + DiBuA
GTT + ET + DiPA
GTT + ET + DMA
GTT + ET + DEA
GTT + DEA
GTT + ET
GTT
No GTT
200
180
160
140
120
100
80
60
40
20
0
Blood glucose (mg/dL)

Figure 1

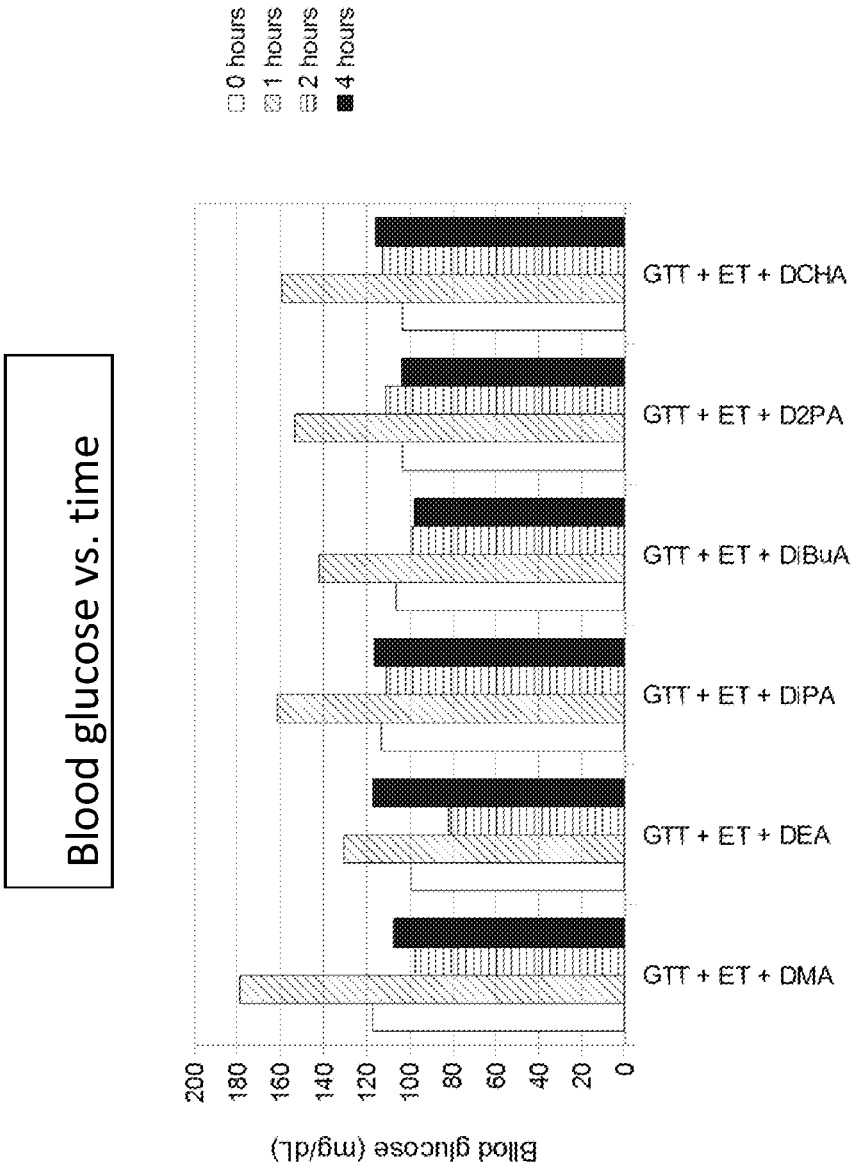

Blood glucose vs. time
0 hours
1 hours
2 hours
4 hours
GTT + ET + DCHA
GTT + ET + D2PA
GTT + ET + DiBuA
GTT + ET + DiPA
GTT + ET + DEA
GTT + ET + DMA
200
180
160
140
120
100
80
60
40
20
0
Blod glucose (mg/dL)

Figure 2

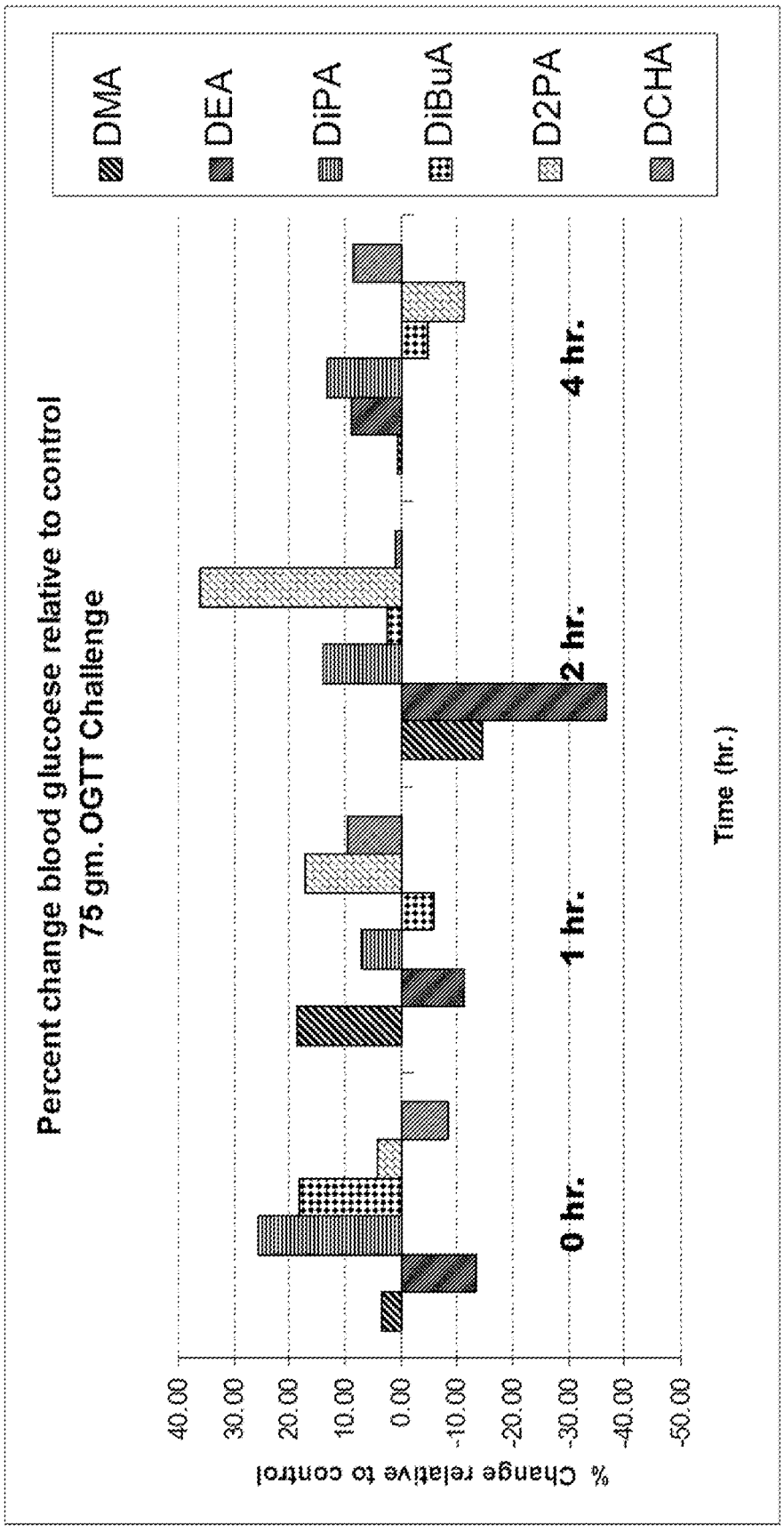

Percent change blood glucoese relative to control
75 gm. OGTT Challenge
DMA
DEA
DiPA
DiBuA
D2PA
DCHA
40.00
30.00
20.00
10.00
0.00
-10.00
-20.00
-30.00
-40.00
-50.00
% Change relative to control
0 hr.
1 hr.
2 hr.
4 hr.
Time (hr.)

Figure 3

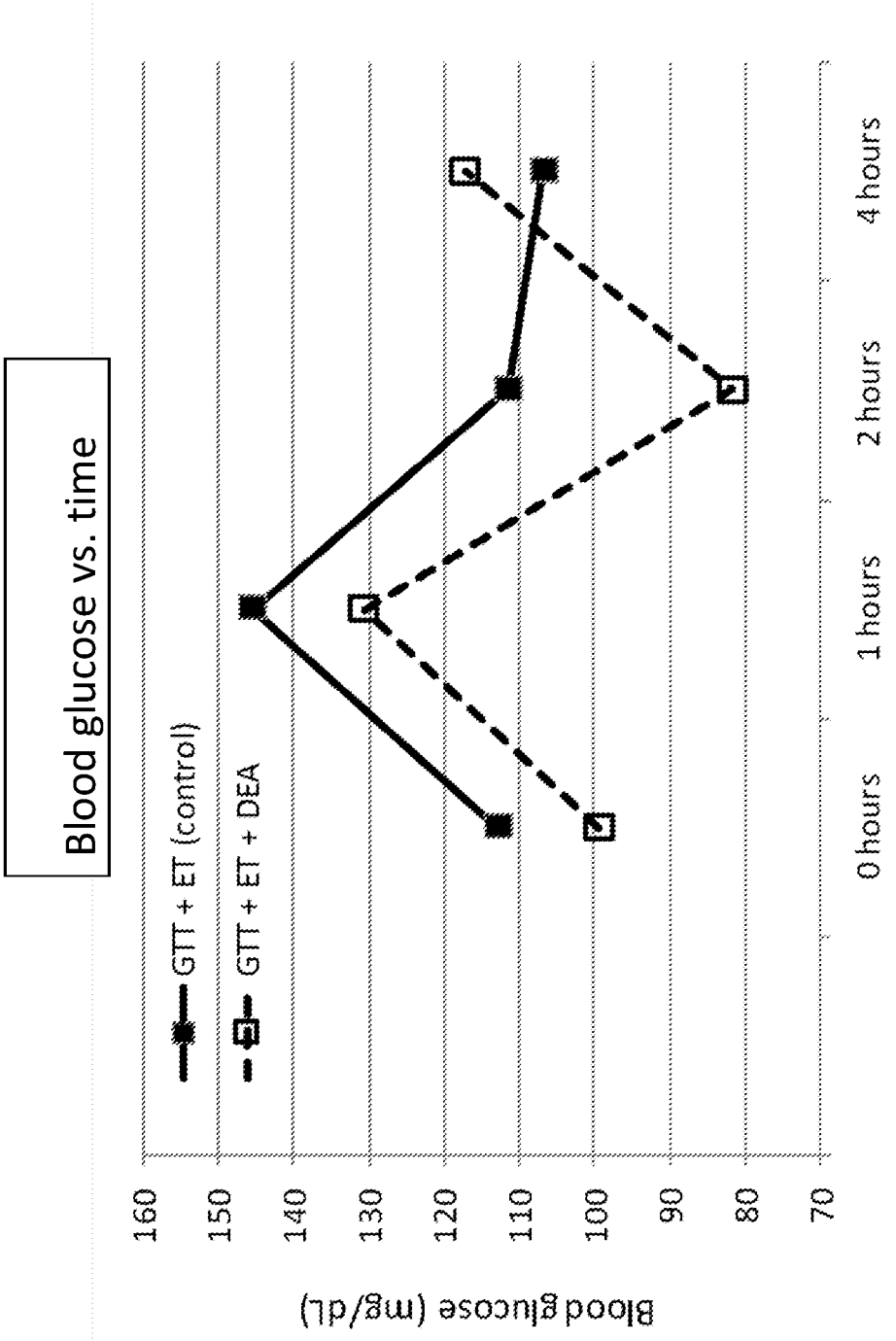
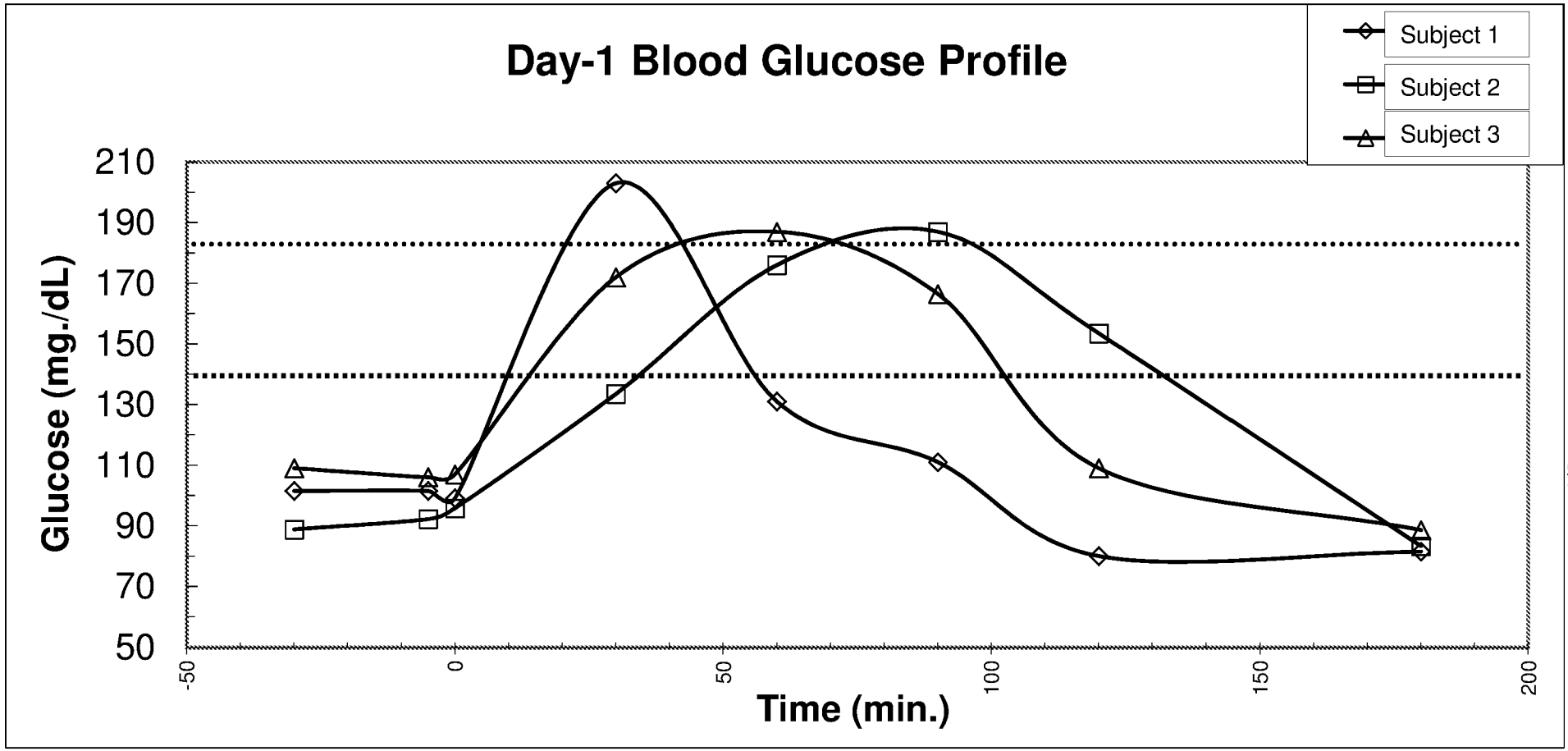
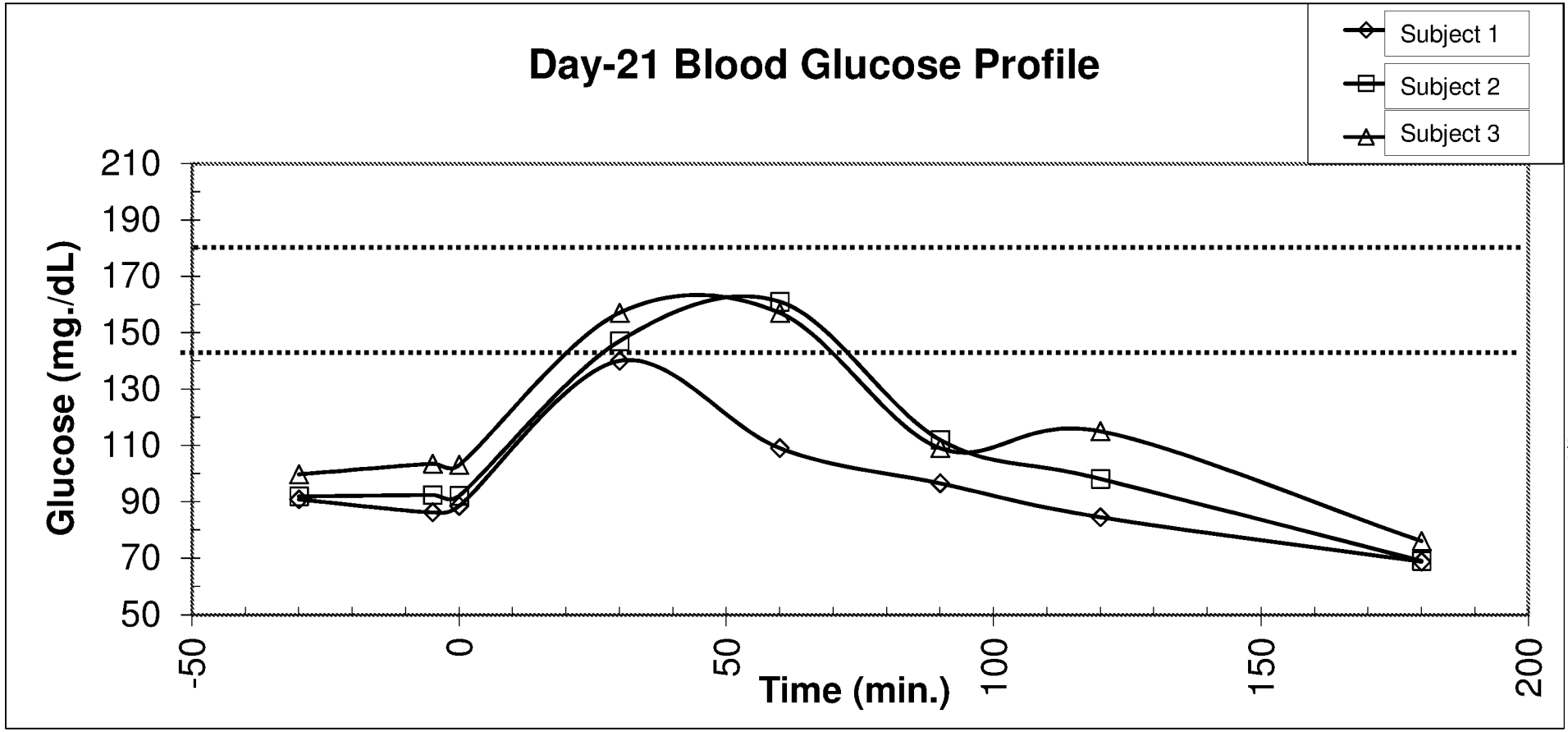

Blood glucose vs. time
GTT + ET (control)
GTT + ET + DEA
Blood glucose (mg/dL)
160
150
140
130
120
110
100
90
80
70
0 hours
1 hours
2 hours
4 hours

Figure 4



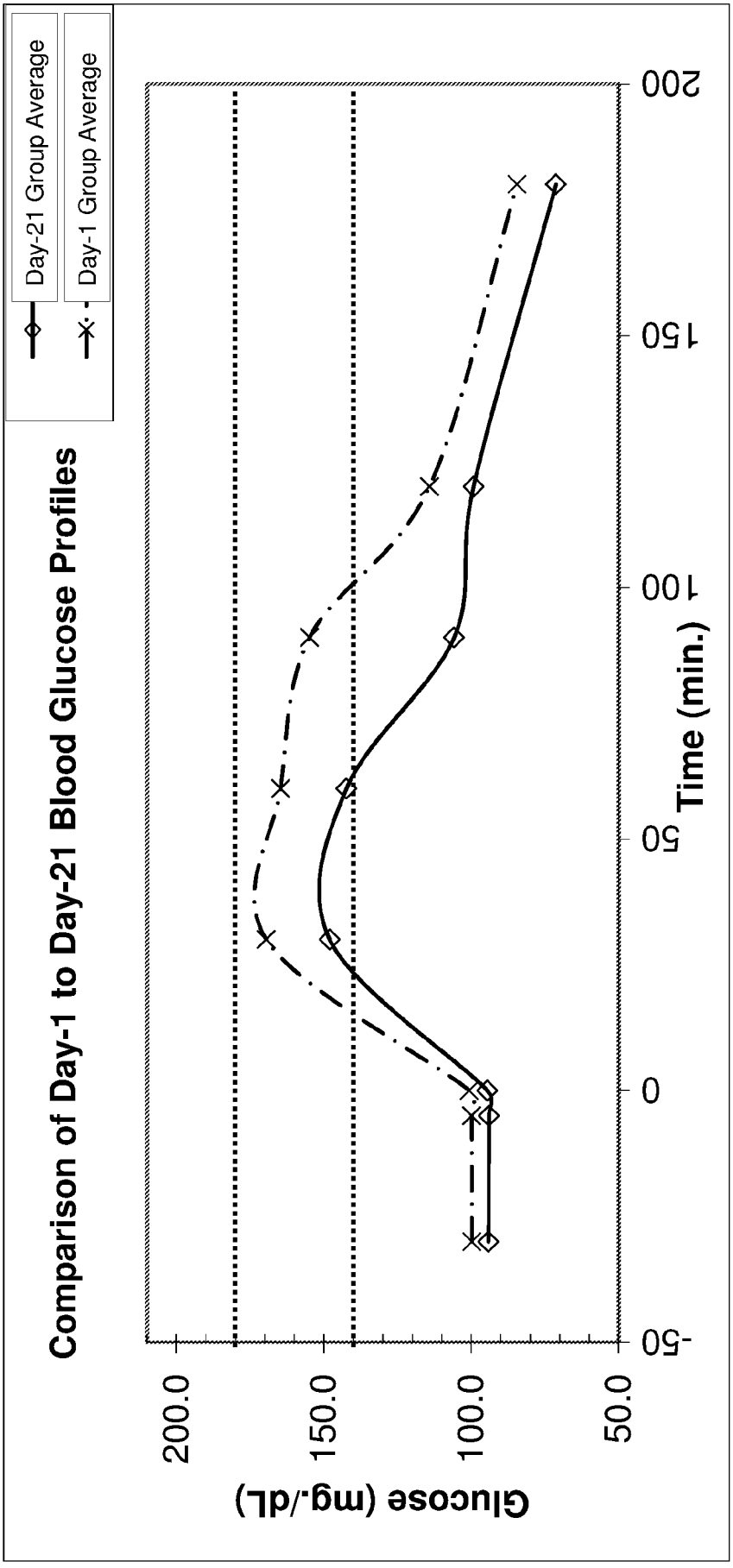
** Dotted lines represent the 1 hour (180 mg/dL) and 2 hour (140 mg/dl) OGTT thresholds

Figure 5



** Dotted lines represent the 1 hour (180 mg/dL) and 2 hour (140 mg/dl) OGTT thresholds

Figure 6



** Dotted lines represent the 1 hour (180 mg/dL) and 2 hour (140 mg/dl) OGTT thresholds

Figure 7