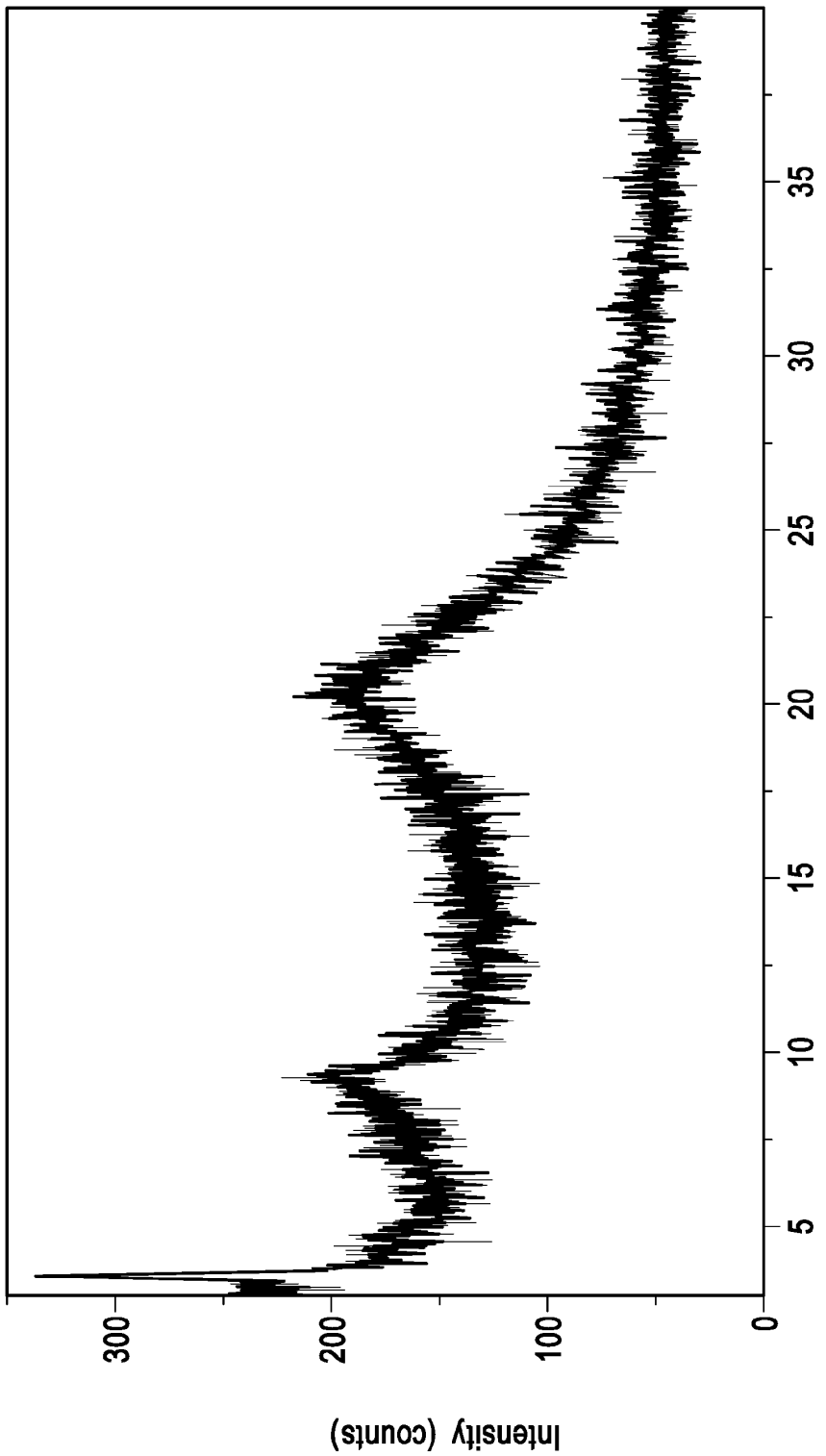


FIG. 1

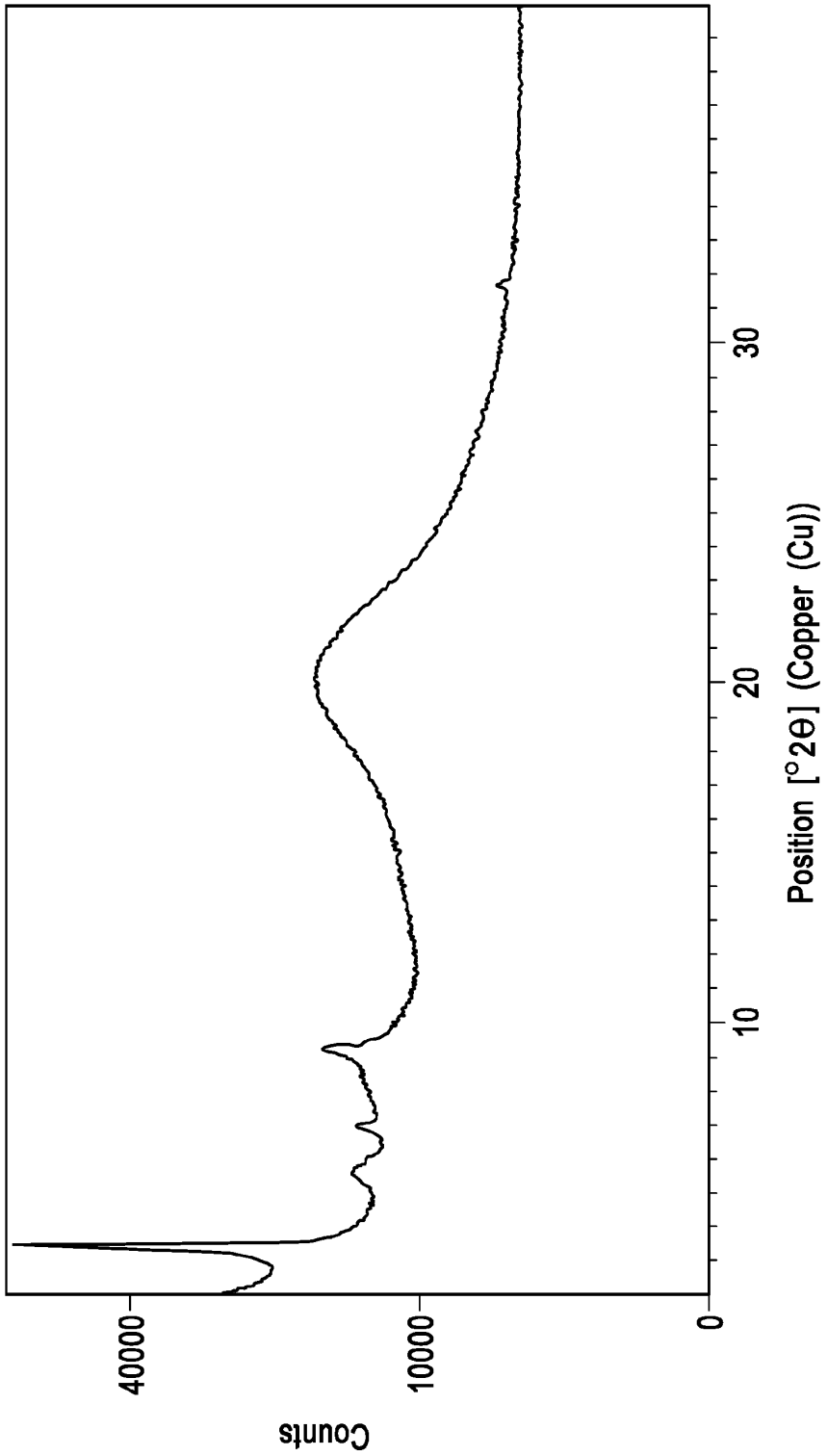


FIG. 2

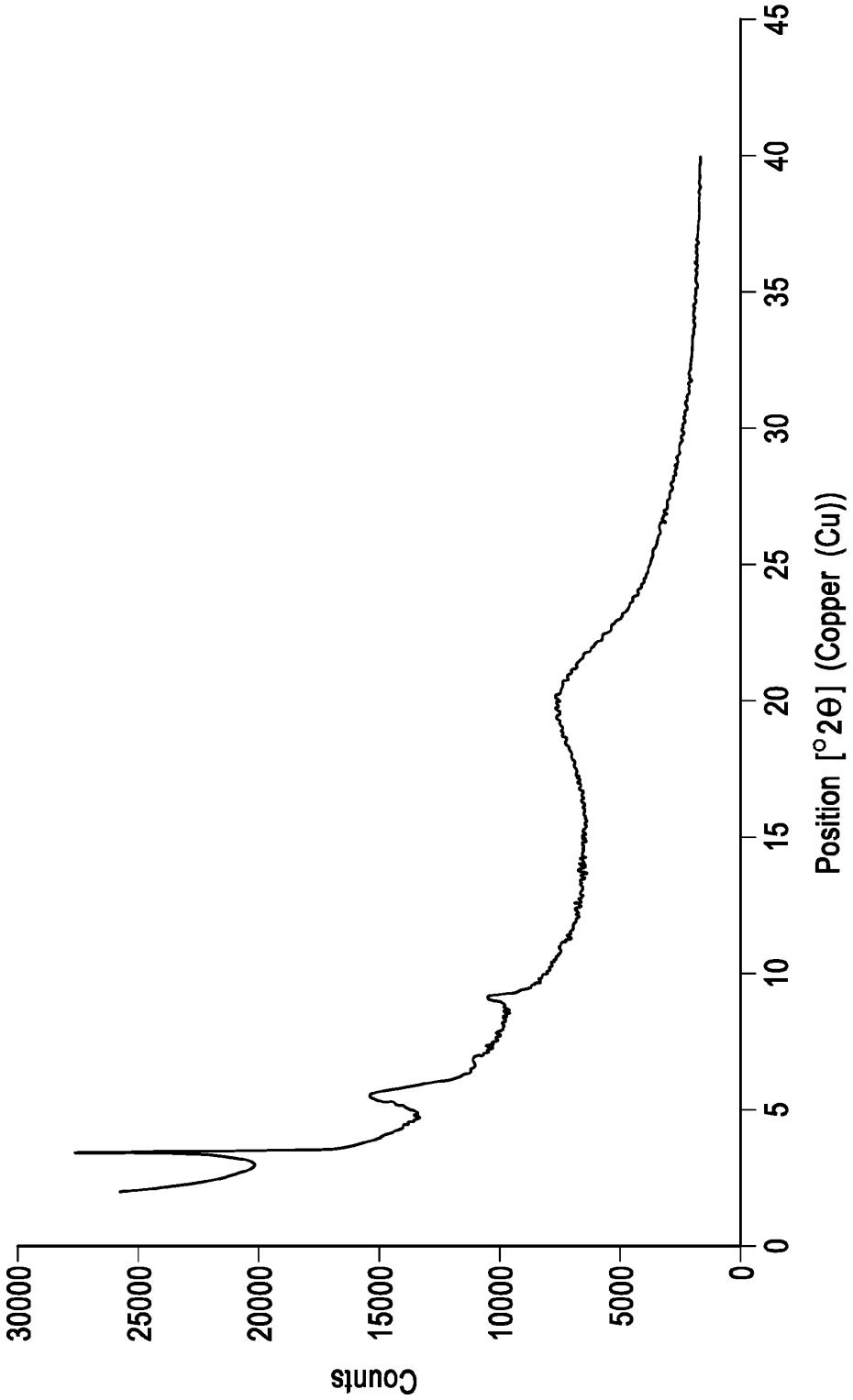

Counts
30000
25000
20000
15000
10000
5000
0
0
5
10
15
20
25
30
35
40
45
Position [°2θ] (Copper (Cu))

FIG. 3

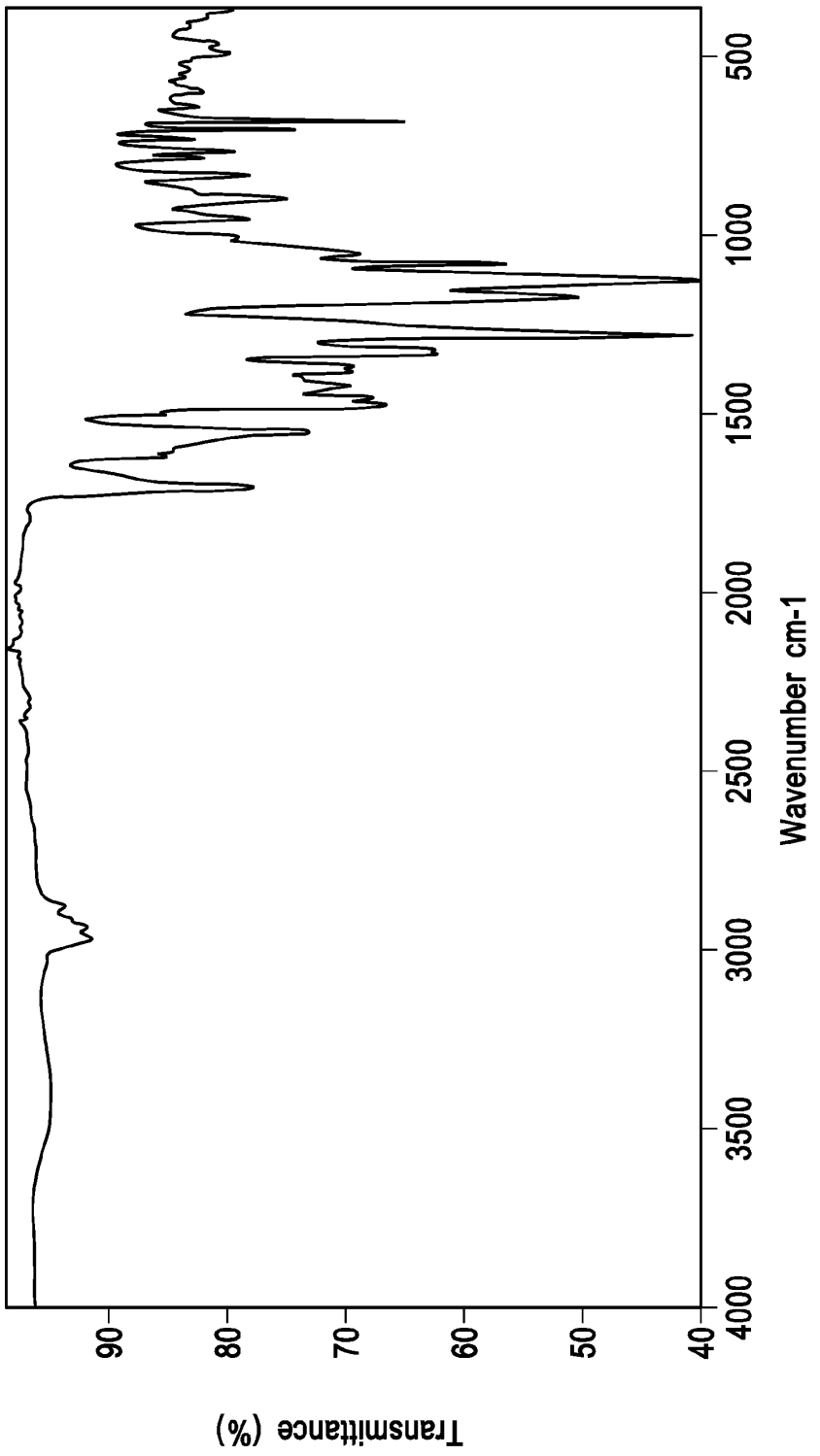

Transmittance (%)
90
80
70
60
50
40
4000
3500
3000
2500
2000
1500
1000
500
Wavenumber cm-1

FIG. 4

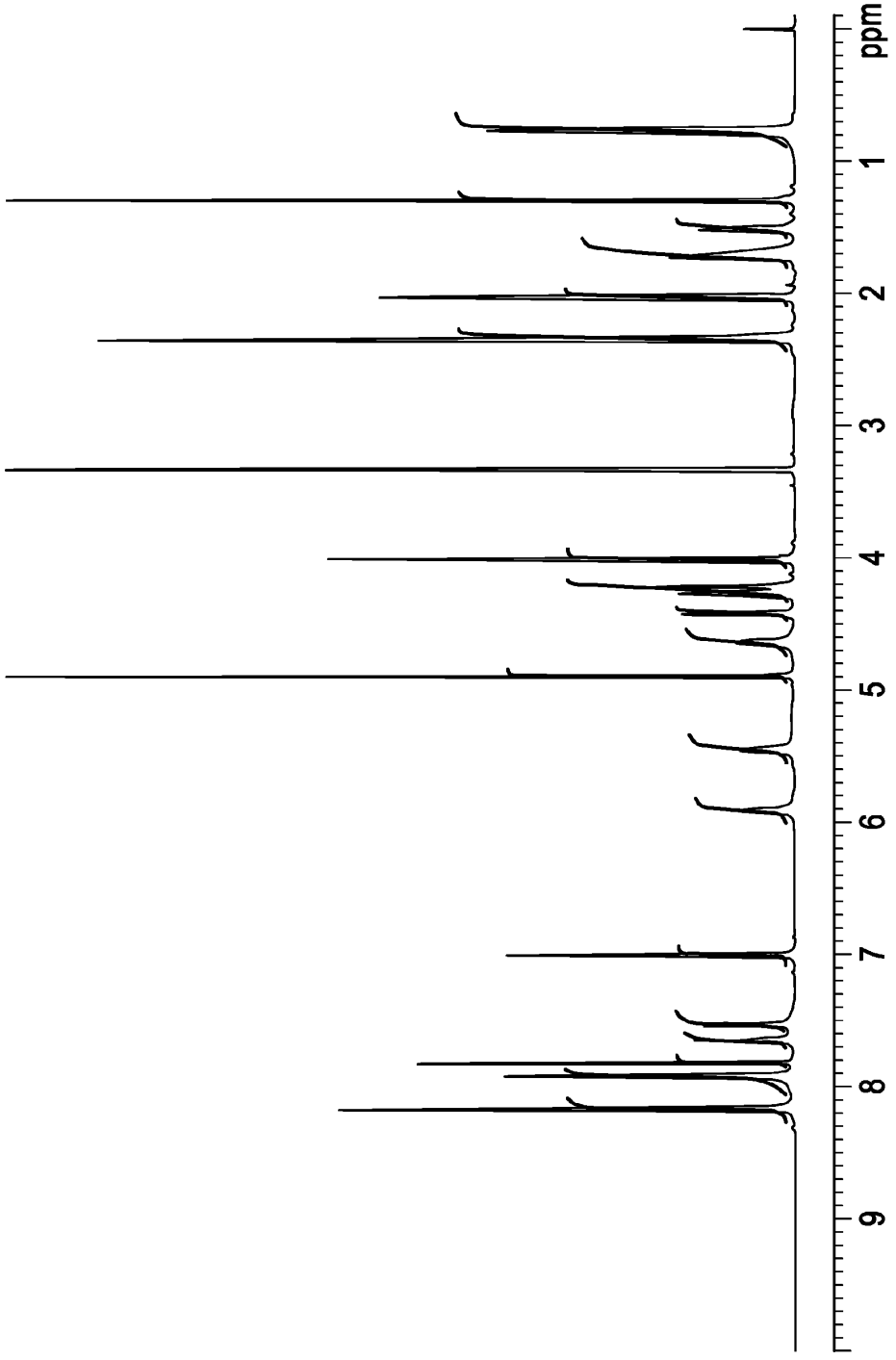


FIG. 5

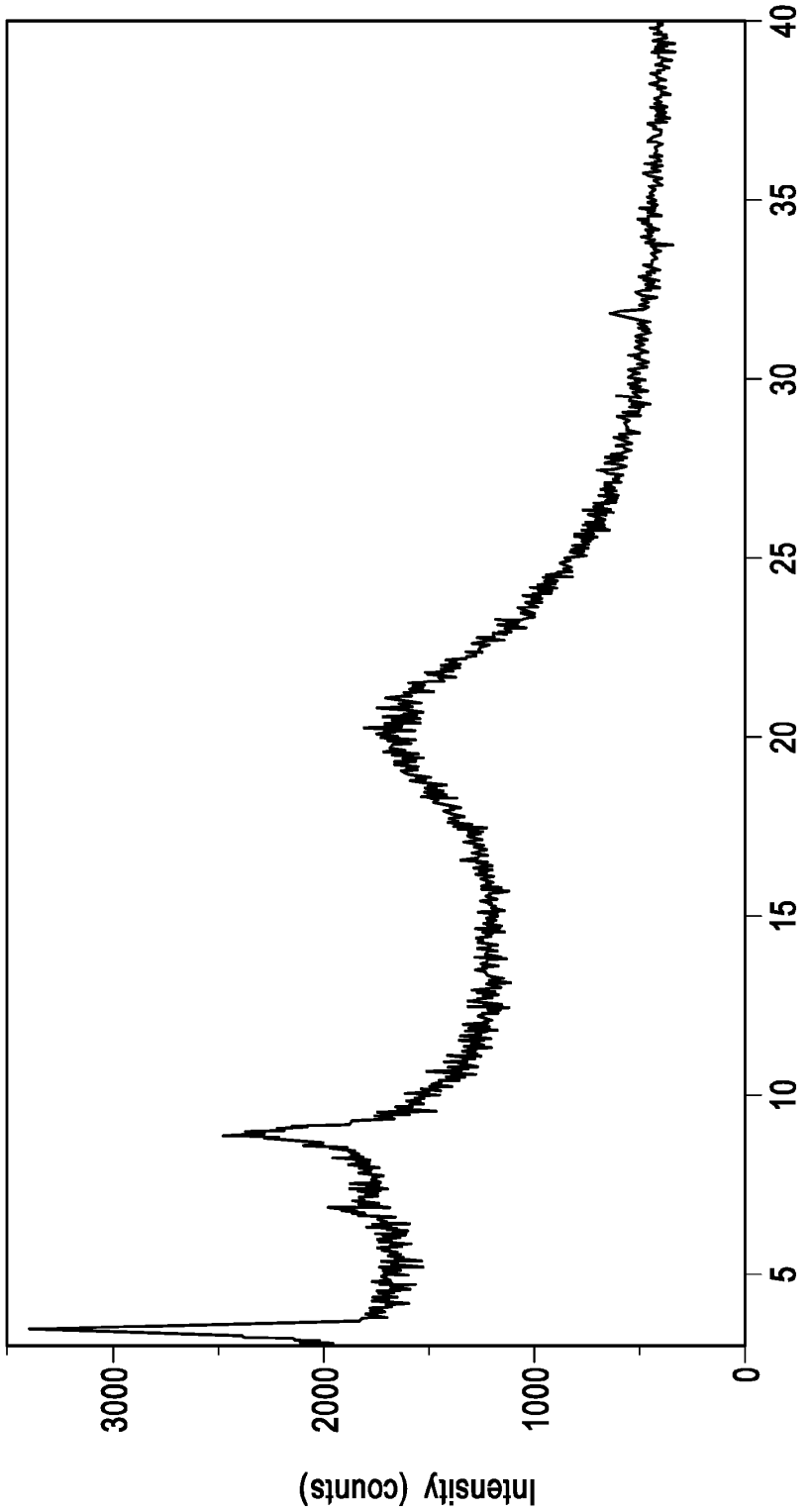


FIG. 6

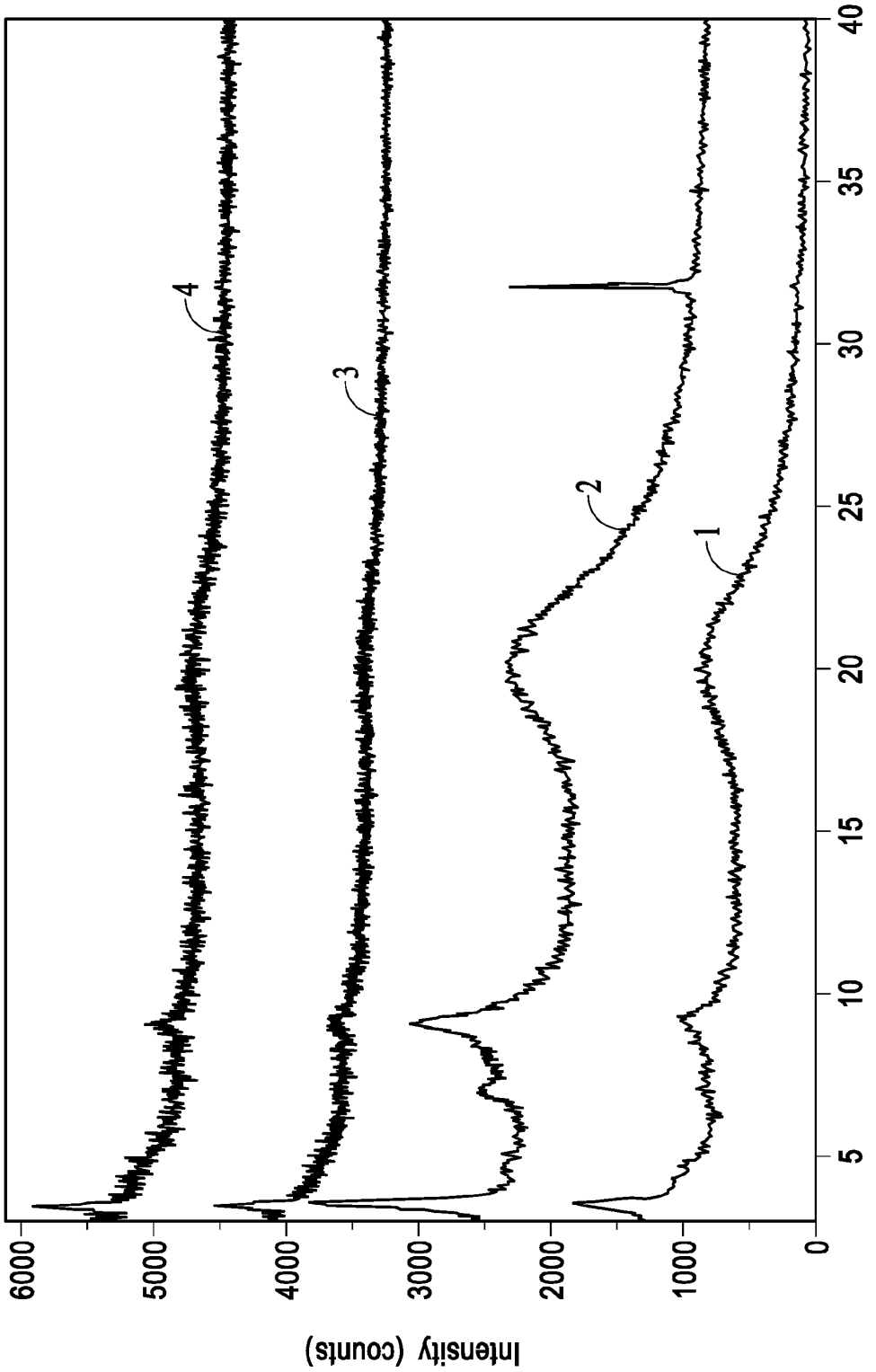

Intensity (counts)
6000
5000
4000
3000
2000
1000
0
5
10
15
20
25
30
35
40
2Theta (°)
1
2
3
4

FIG. 7

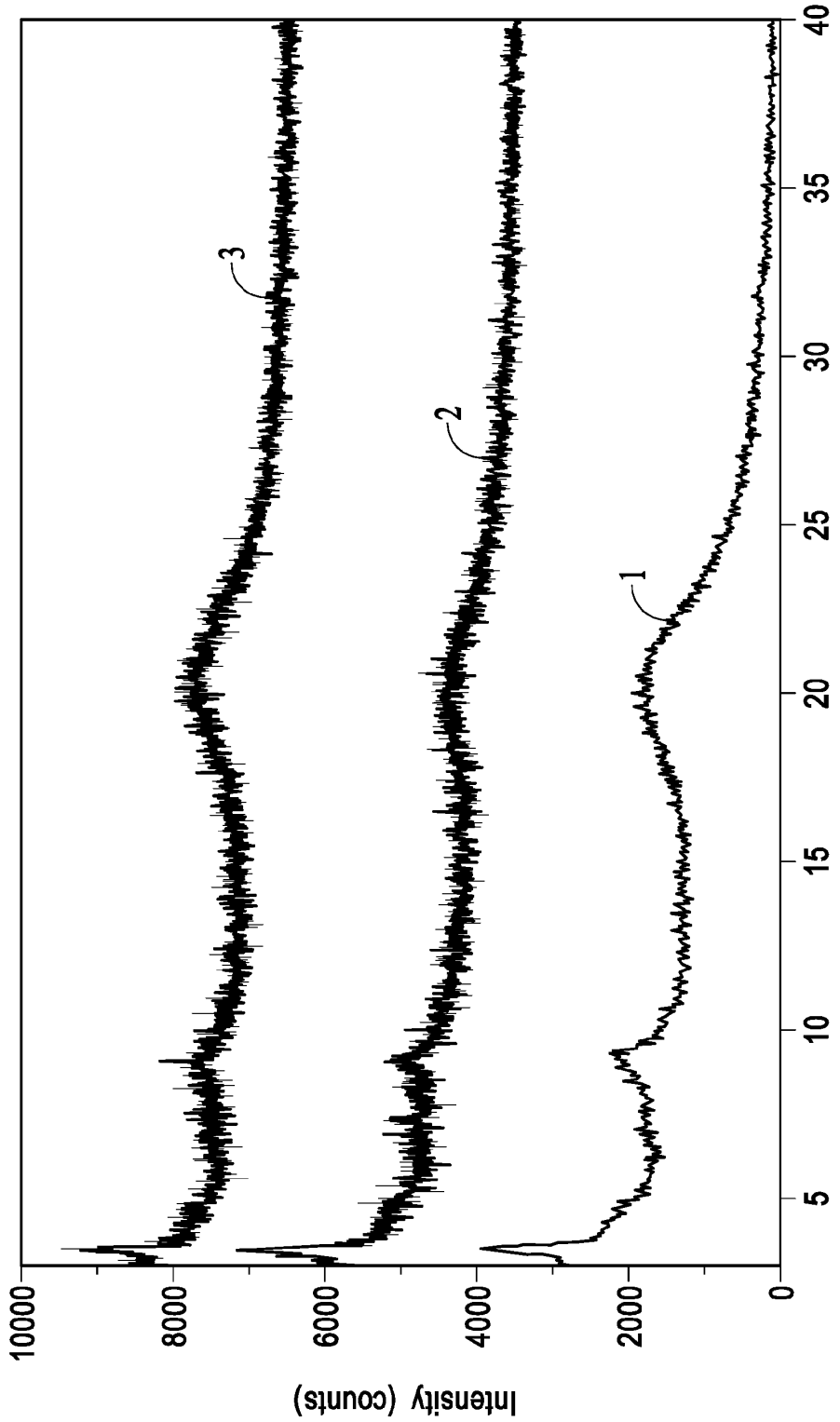

Intensity (counts)
10000
8000
6000
4000
2000
0
5
10
15
20
25
30
35
40
2Theta (°)
1
2
3

FIG. 8

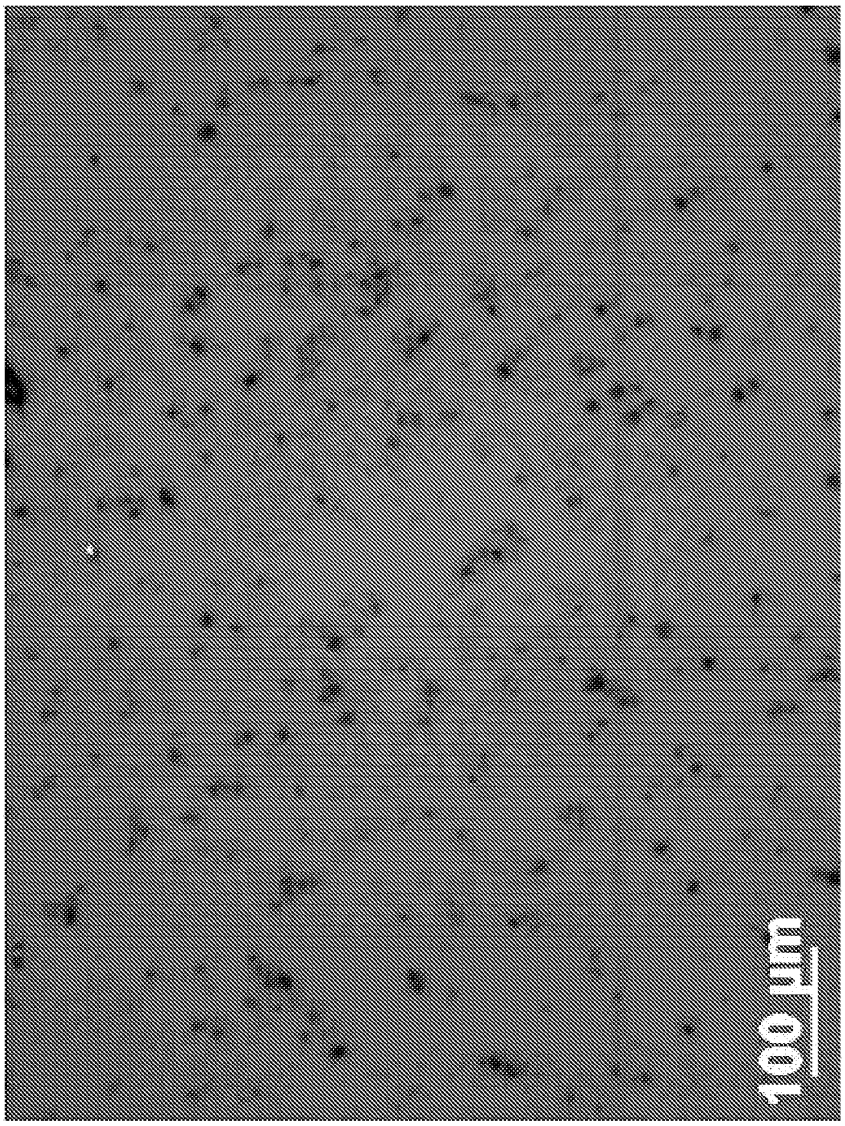


FIG. 9

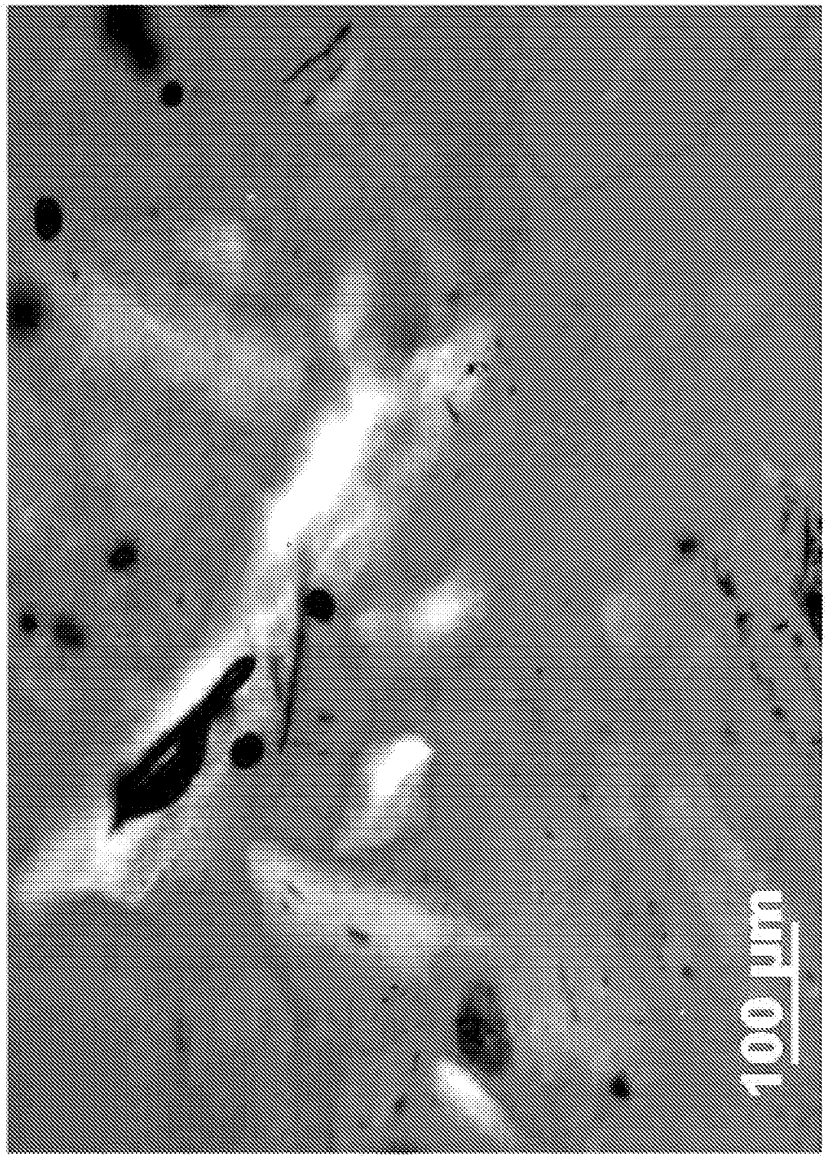


FIG. 10

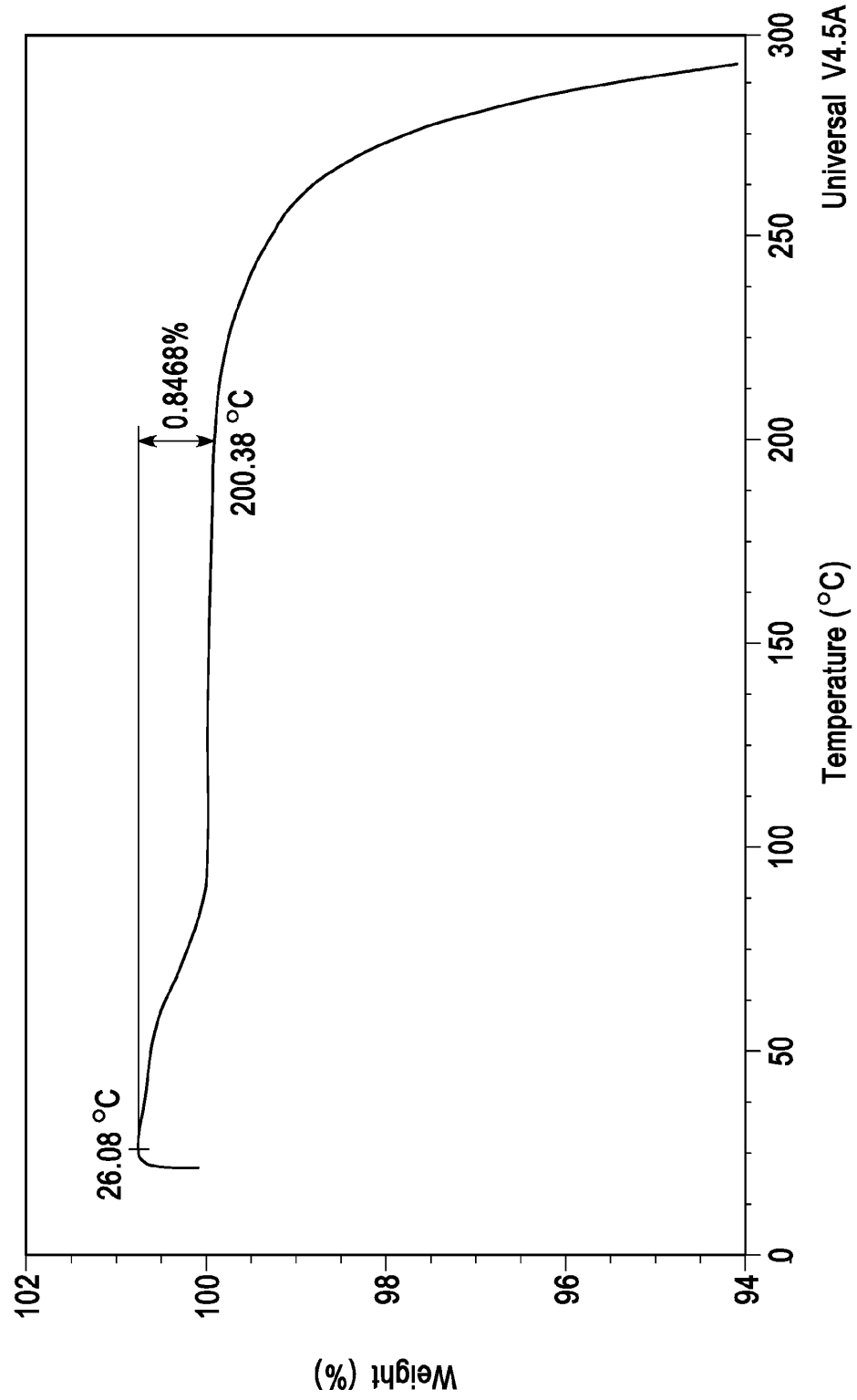

Weight (%)
102
100
98
96
94
0
50
100
150
200
250
300
Temperature (°C)
Universal V4.5A
26.08 °C
200.38 °C
0.8468%

FIG. 11

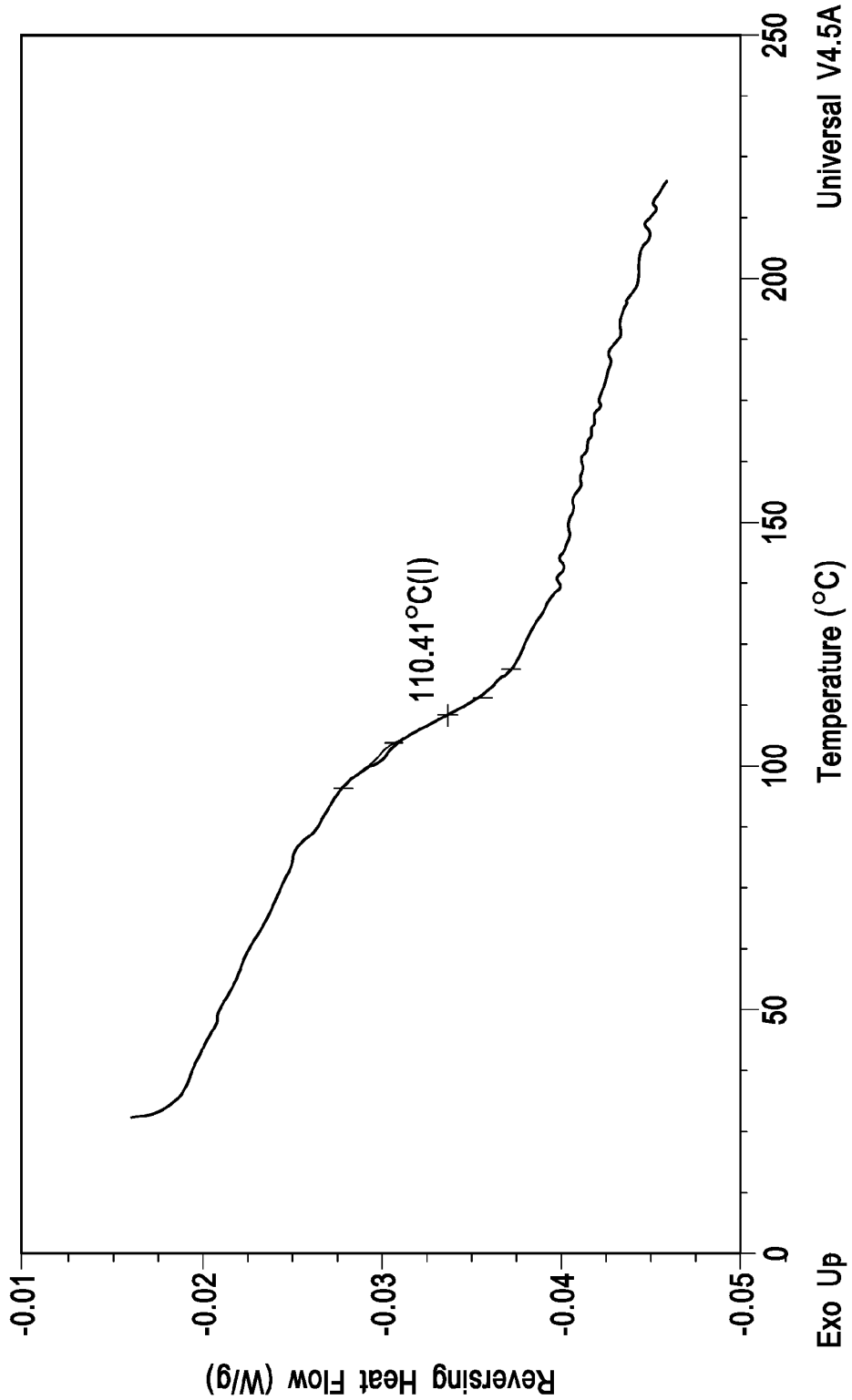

Reversing Heat Flow (W/g)
-0.01
-0.02
-0.03
-0.04
-0.05
Exo Up
0
50
100
150
200
250
Temperature (°C)
Universal V4.5A
110.41°C(I)

FIG. 12

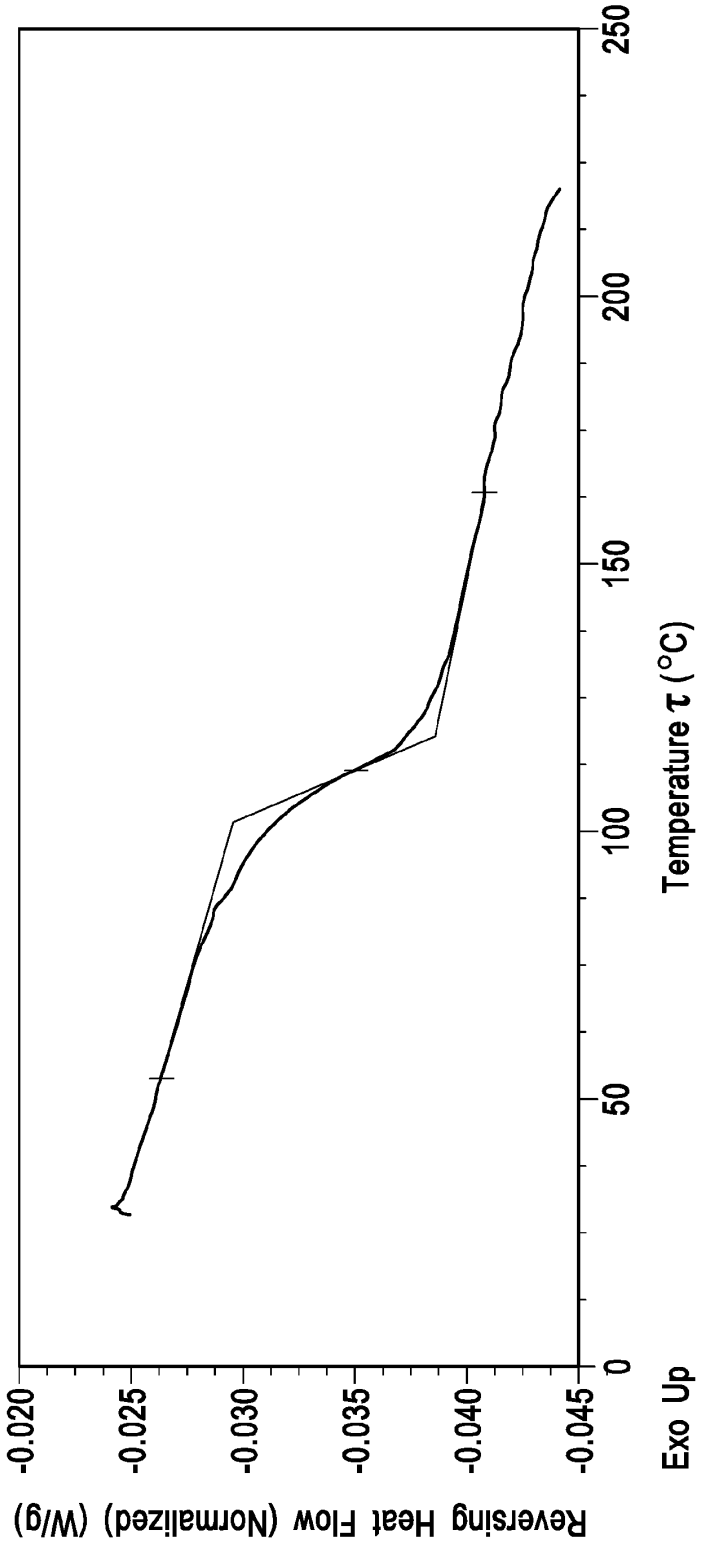

Reversing Heat Flow (Normalized) (W/g)
-0.020
-0.025
-0.030
-0.035
-0.040
-0.045
Exo Up
0
50
100
150
200
250
Temperature τ (°C)

FIG. 13

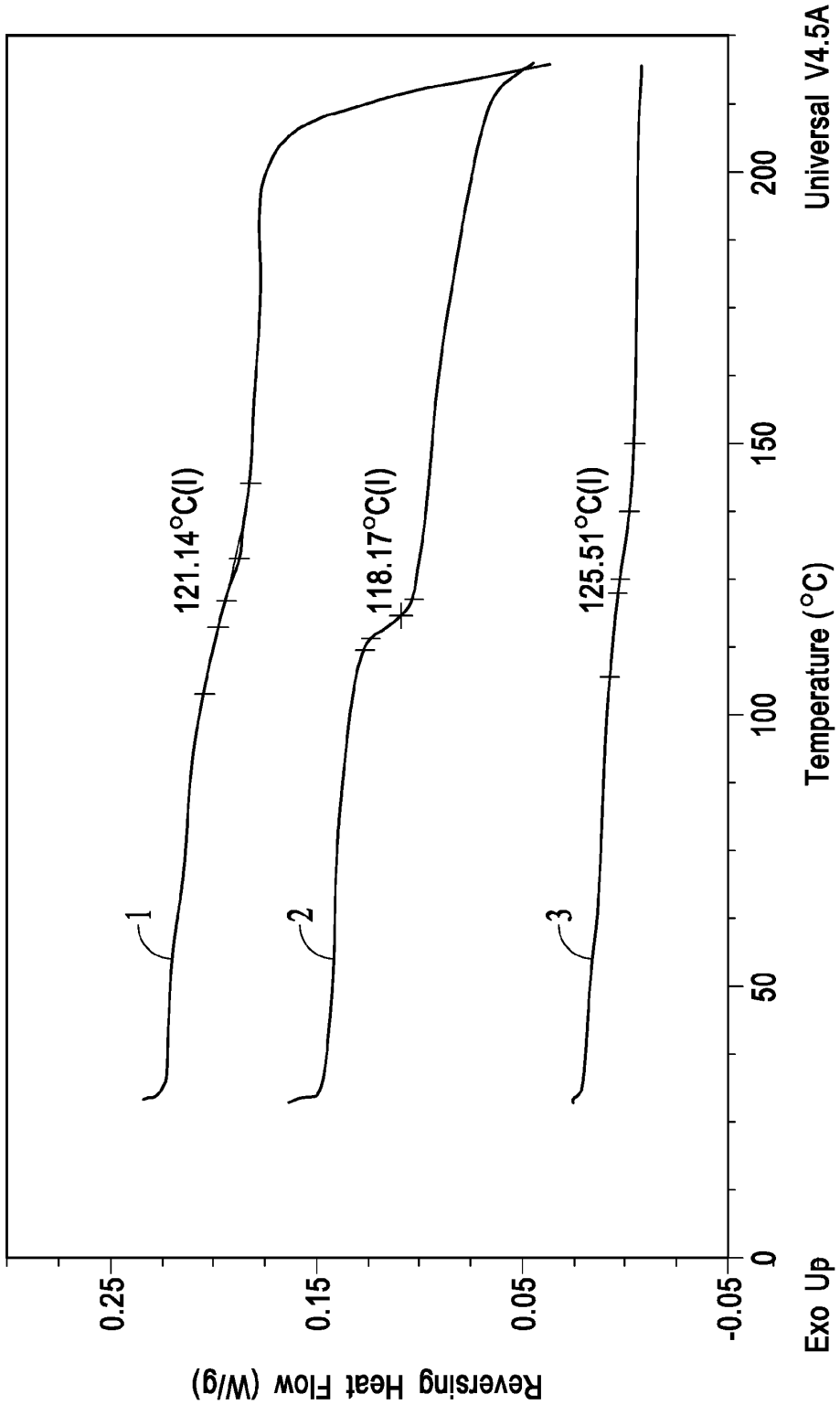

Reversing Heat Flow (W/g)
0.25
0.15
0.05
-0.05
Exo Up
0
50
100
150
200
Temperature (°C)
Universal V4.5A
121.14°C(I)
118.17°C(I)
125.51°C(I)
1
2
3

FIG. 14

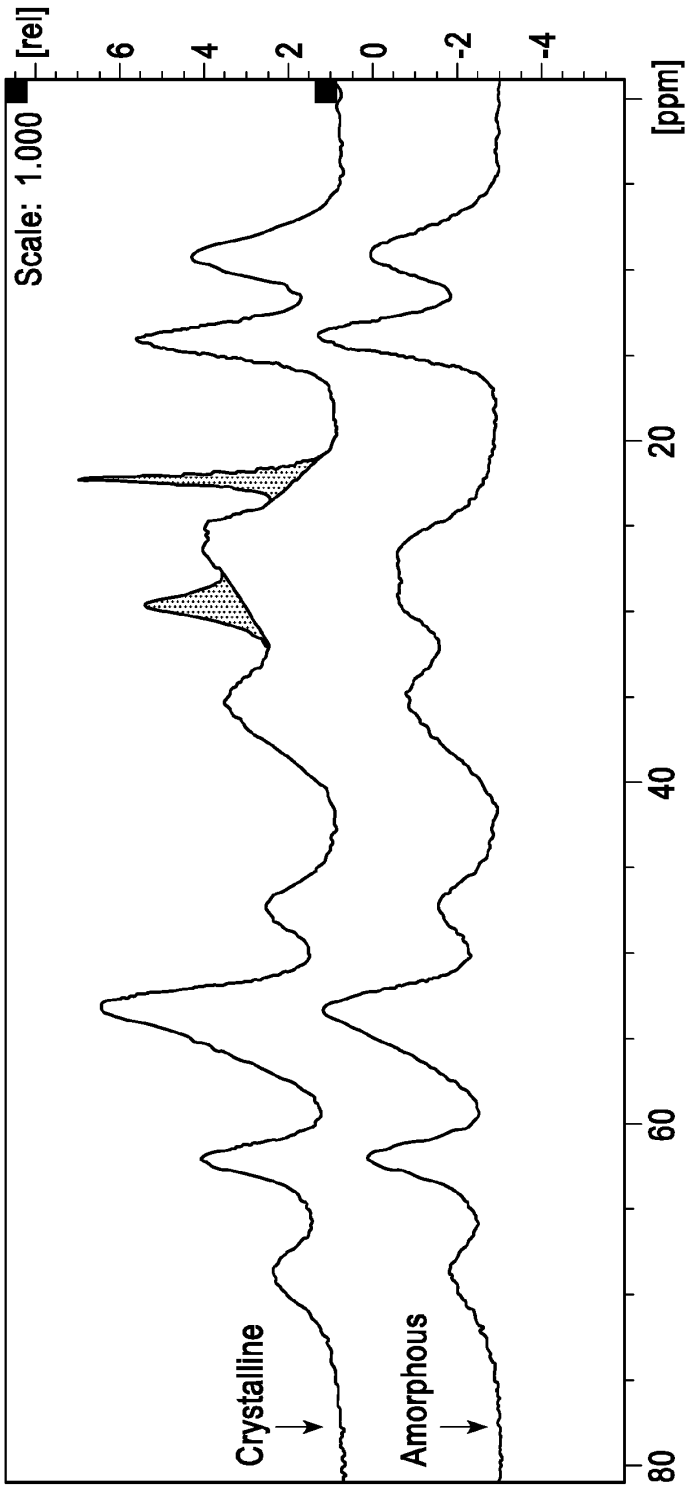


FIG. 15

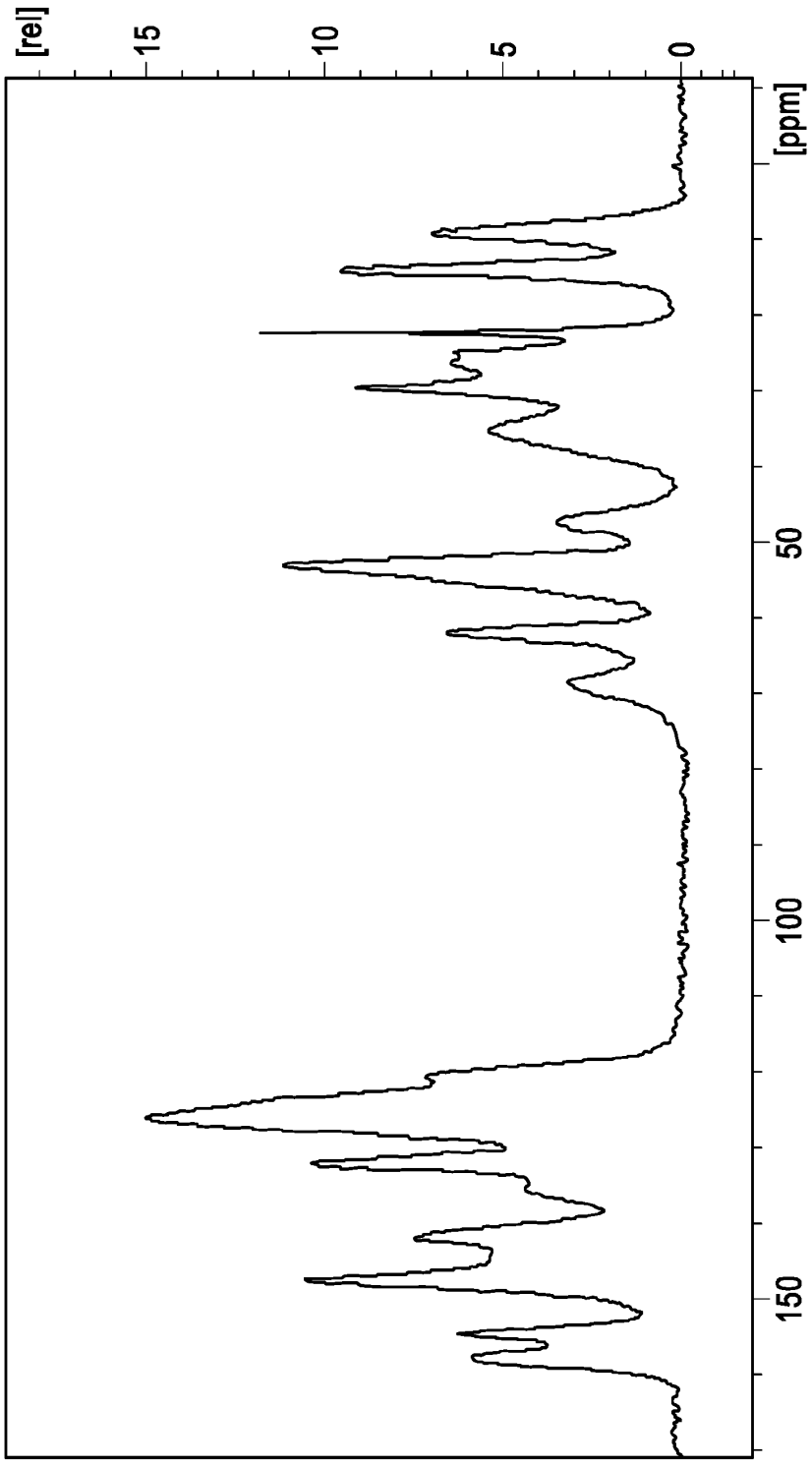


FIG. 16

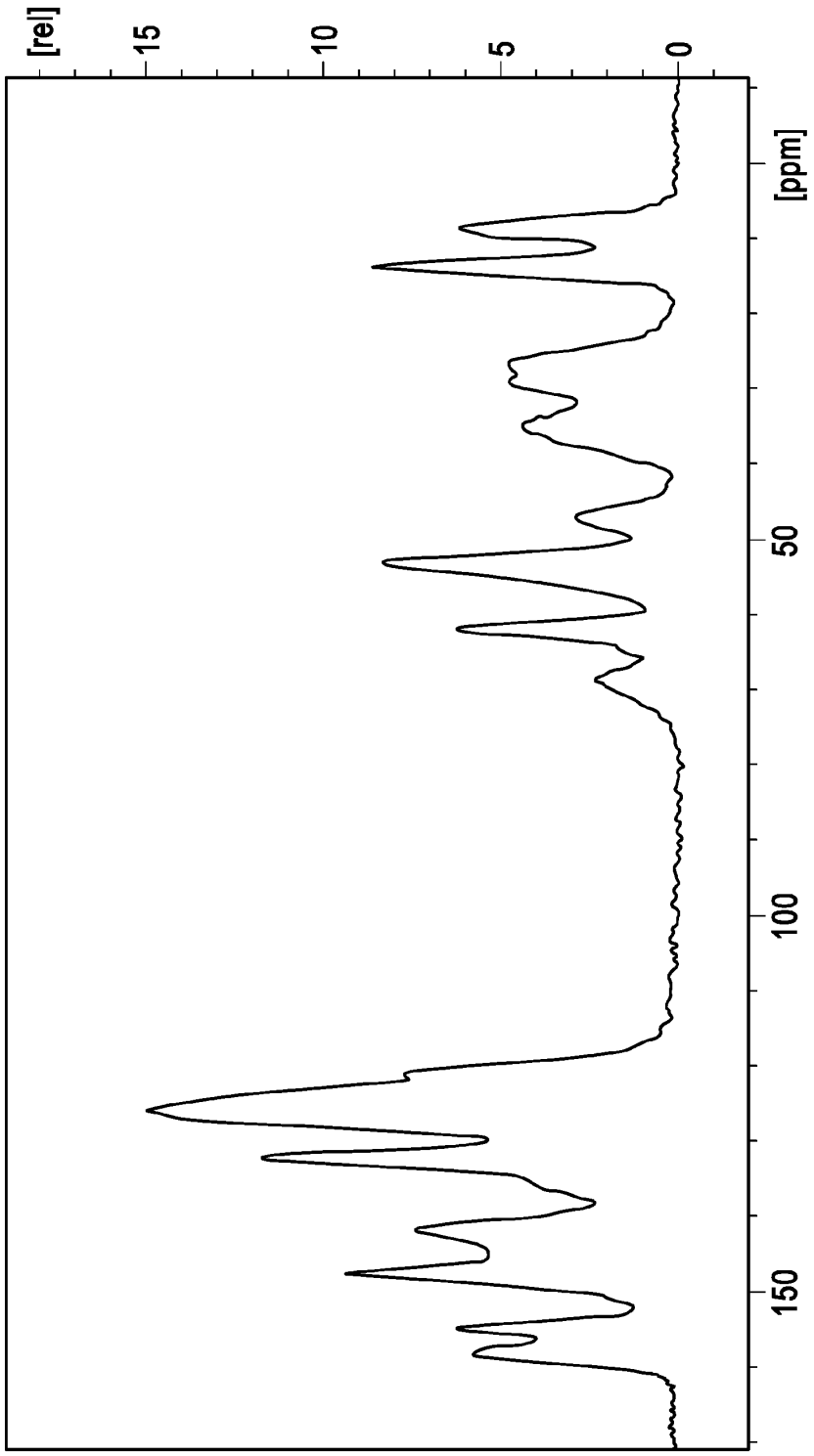


FIG. 17

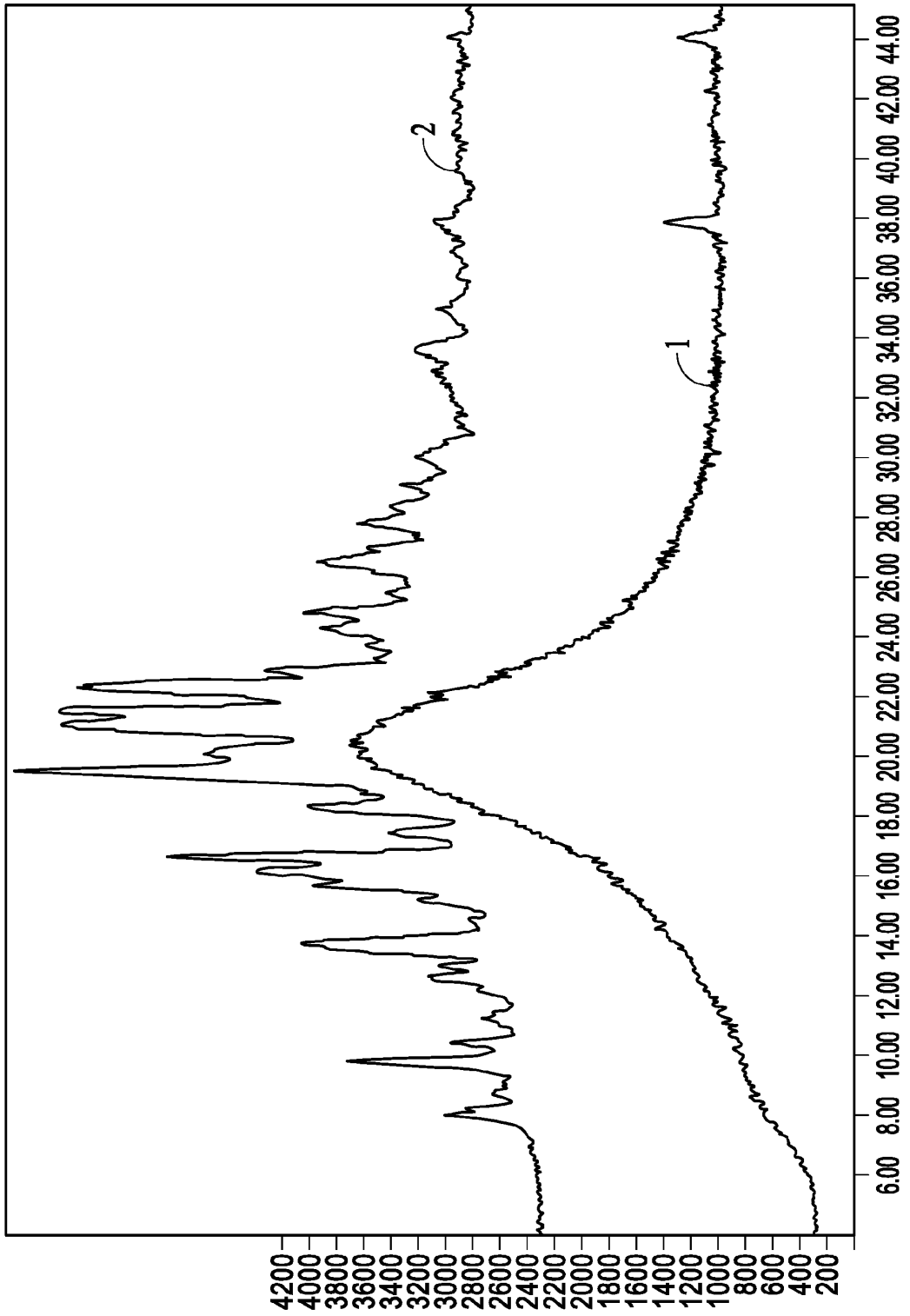

2
1
6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00 32.00 34.00 36.00 38.00 40.00 42.00 44.00
4200 4000 3800 3600 3400 3200 3000 2800 2600 2400 2200 2000 1800 1600 1400 1200 1000 800 600 400 200
Ka1 (1.540560 A)

FIG. 18

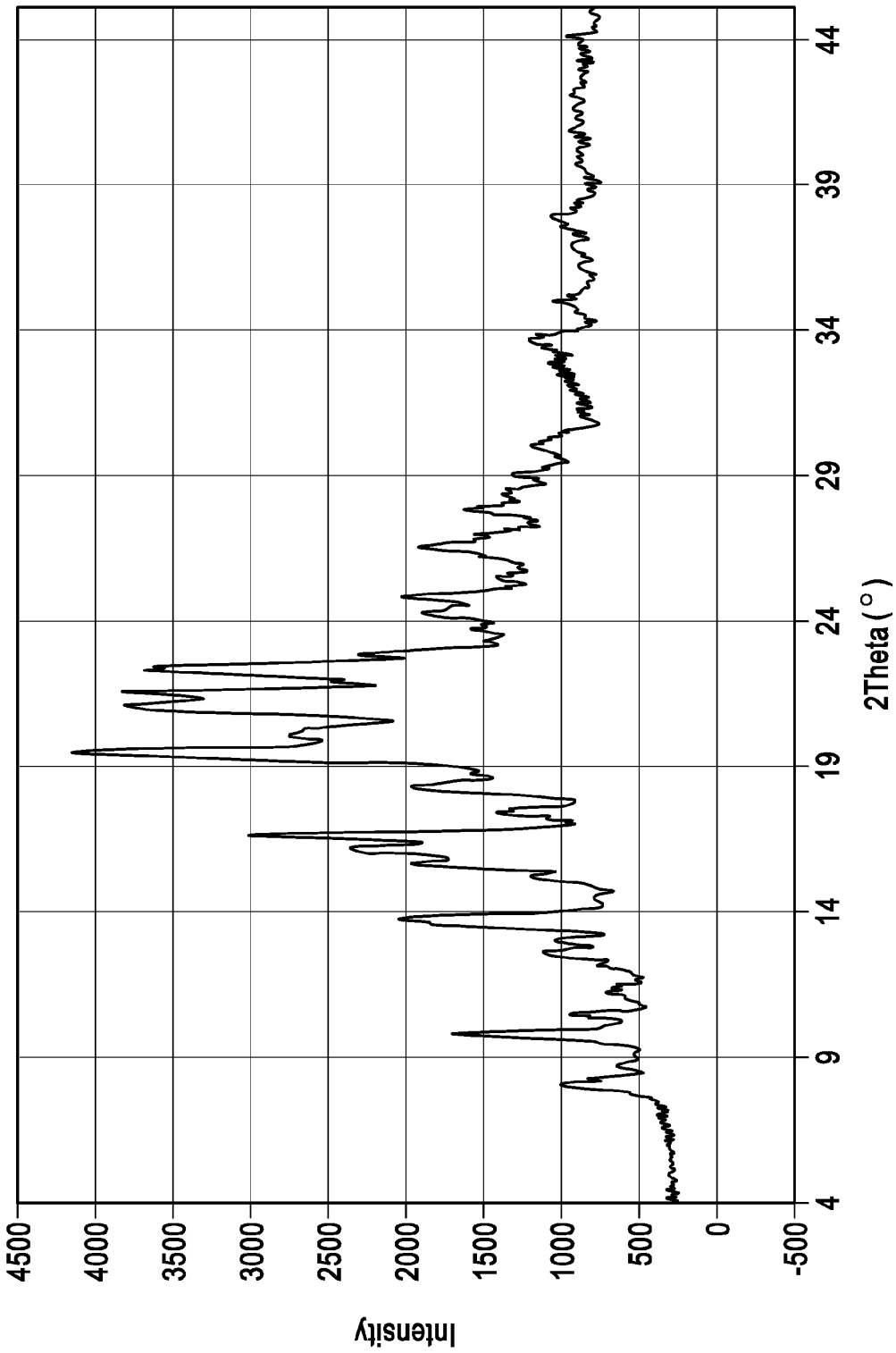

Intensity
4500
4000
3500
3000
2500
2000
1500
1000
500
0
-500
4
9
14
19
24
29
34
39
44
2Theta (°)

FIG. 19

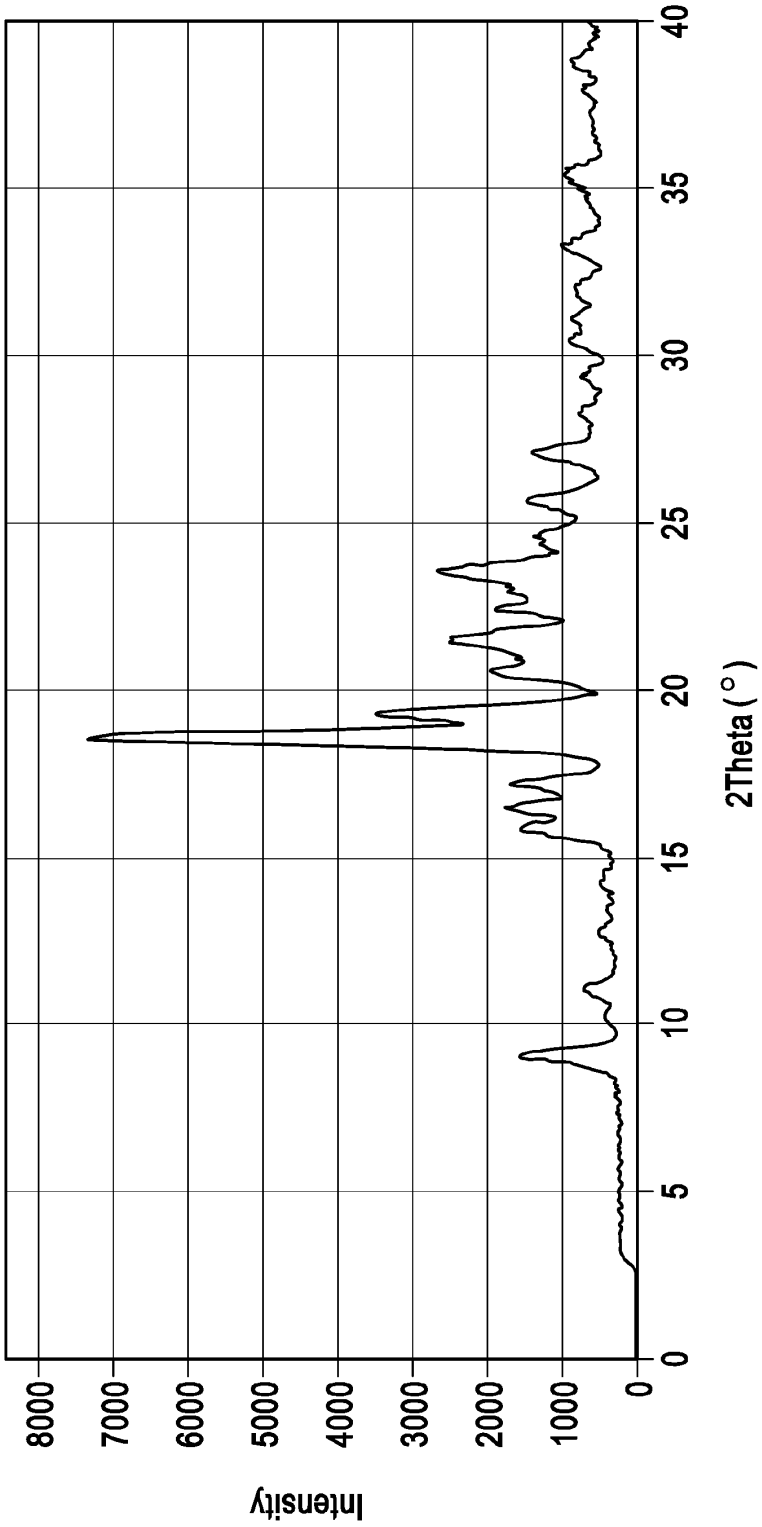

Intensity
8000
7000
6000
5000
4000
3000
2000
1000
0
0
5
10
15
20
25
30
35
40
2Theta (°)

FIG. 20

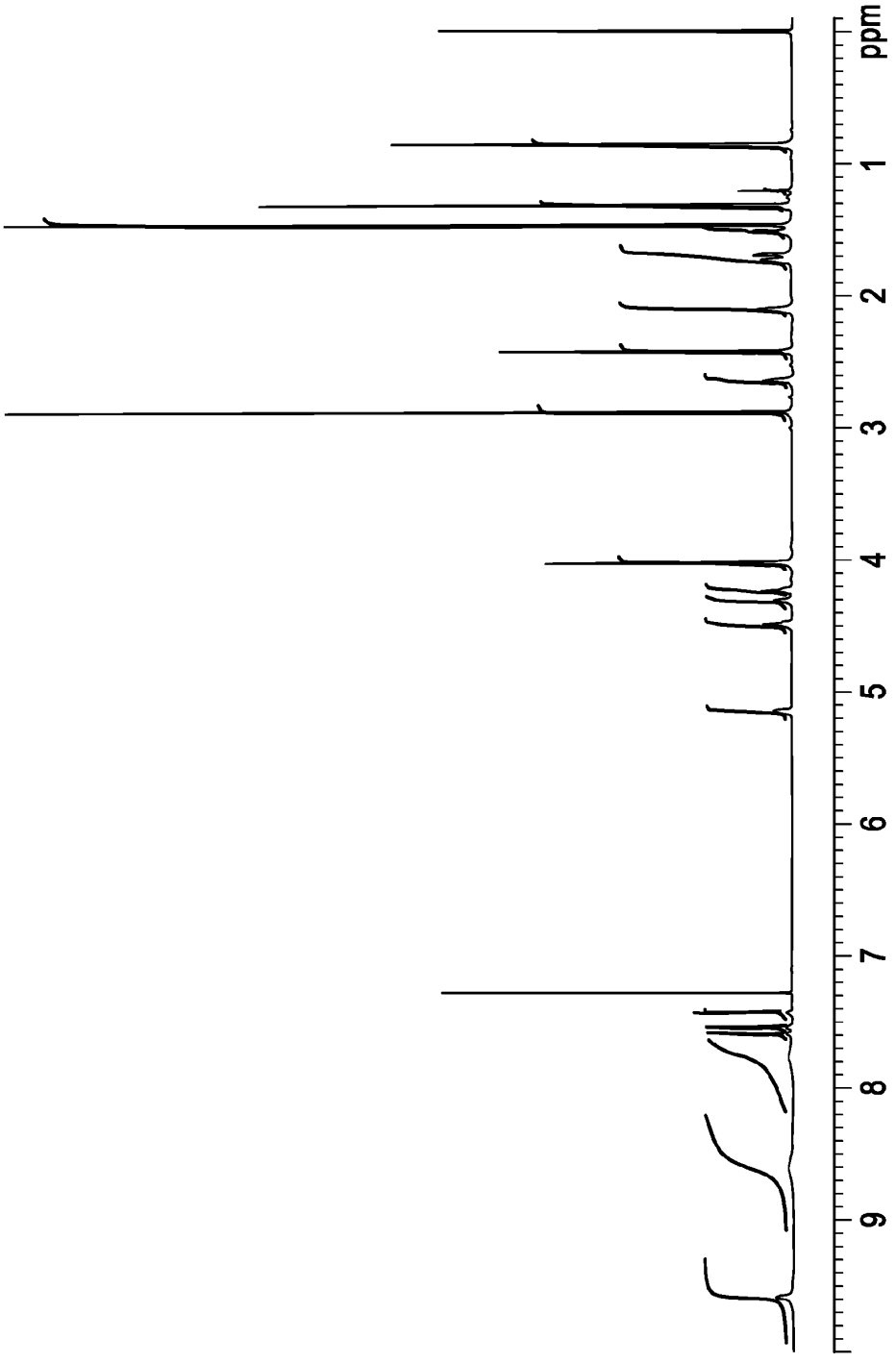


FIG. 21

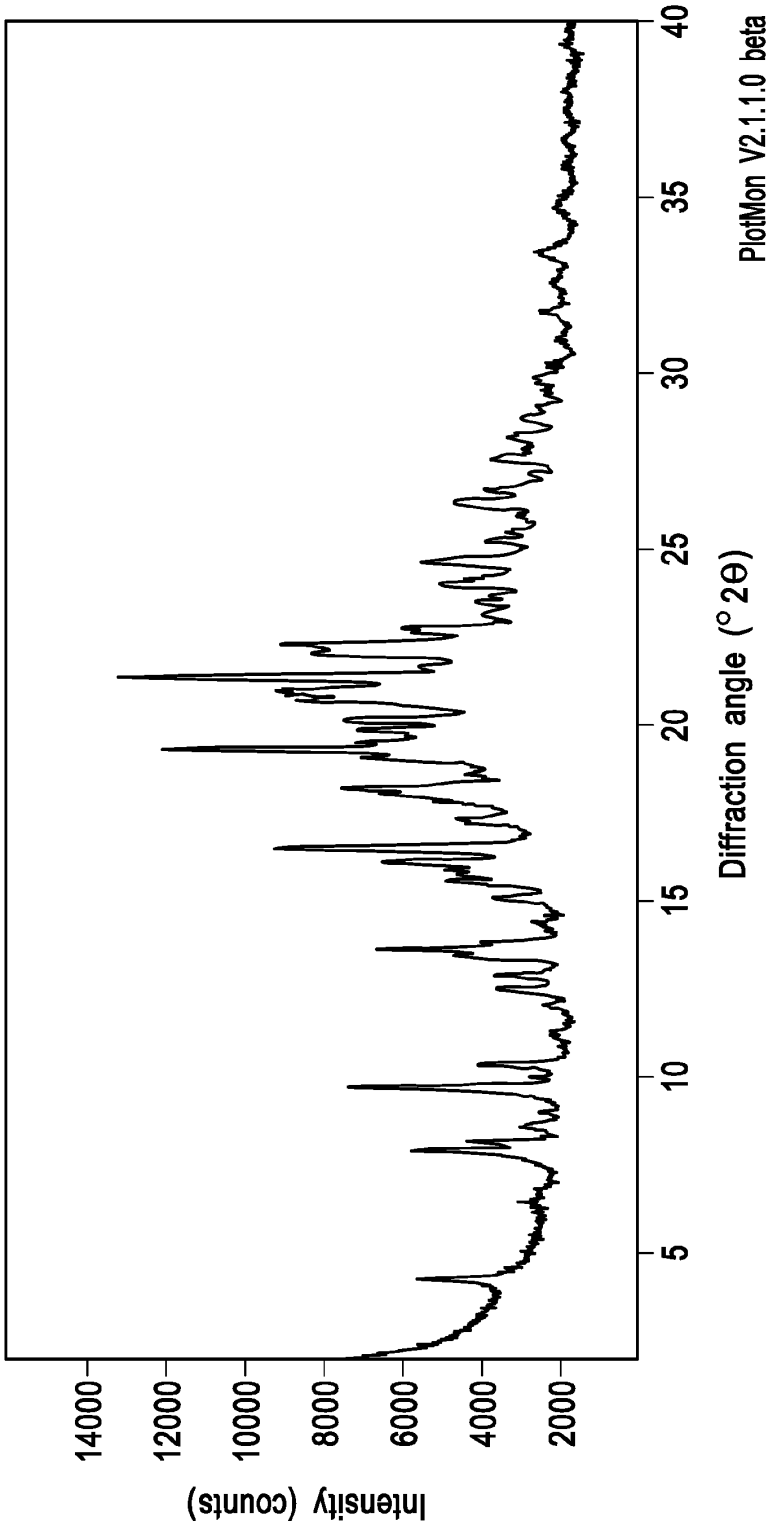

Intensity (counts)
14000
12000
10000
8000
6000
4000
2000
Diffraction angle (° 2θ)
5
10
15
20
25
30
35
40
PlotMon V2.1.1.0 beta

FIG. 22

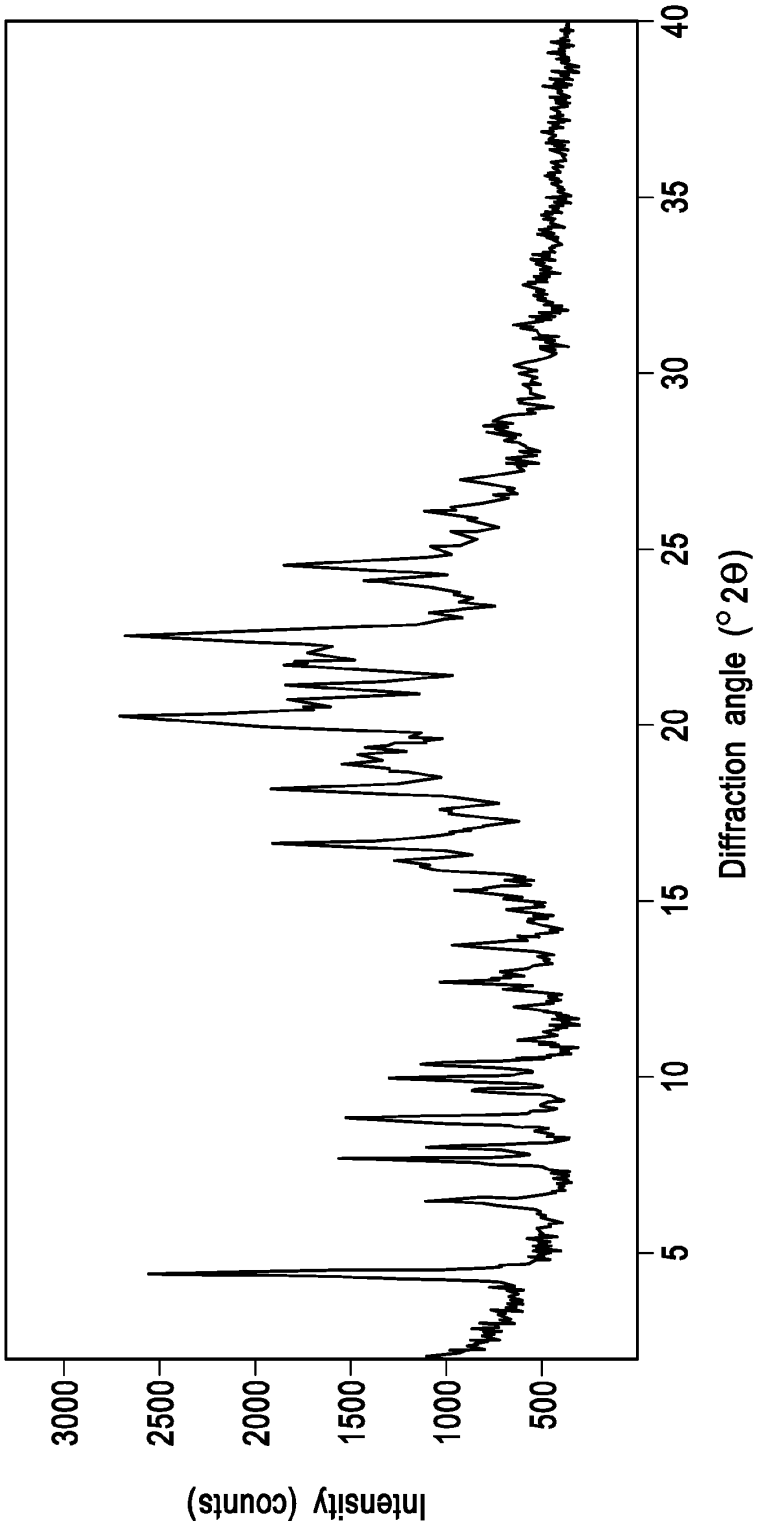

Intensity (counts)
3000
2500
2000
1500
1000
500
5
10
15
20
25
30
35
40
Diffraction angle (° 2θ)

FIG. 23

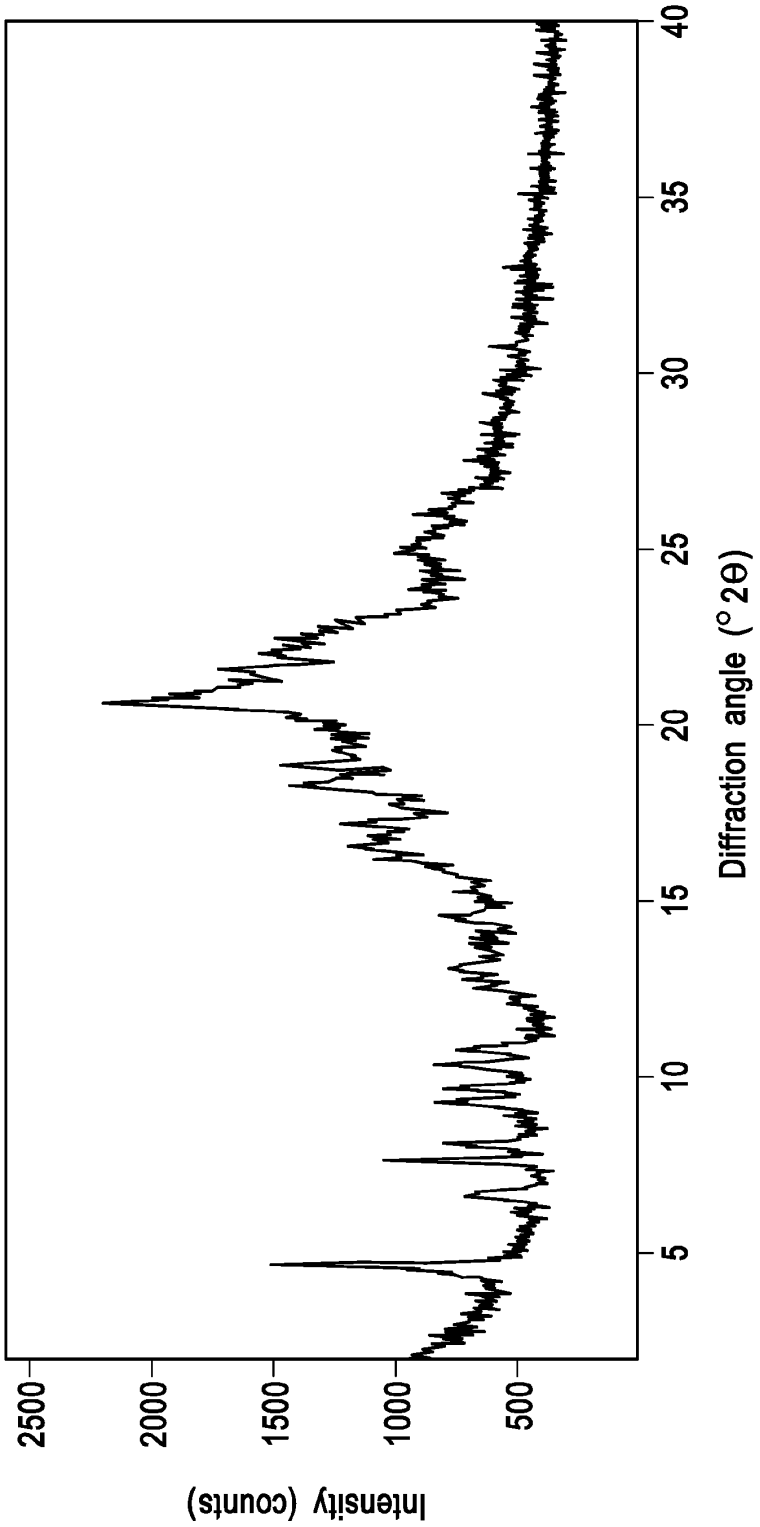

Intensity (counts)
2500
2000
1500
1000
500
Diffraction angle (° 2θ)
5
10
15
20
25
30
35
40

FIG. 24

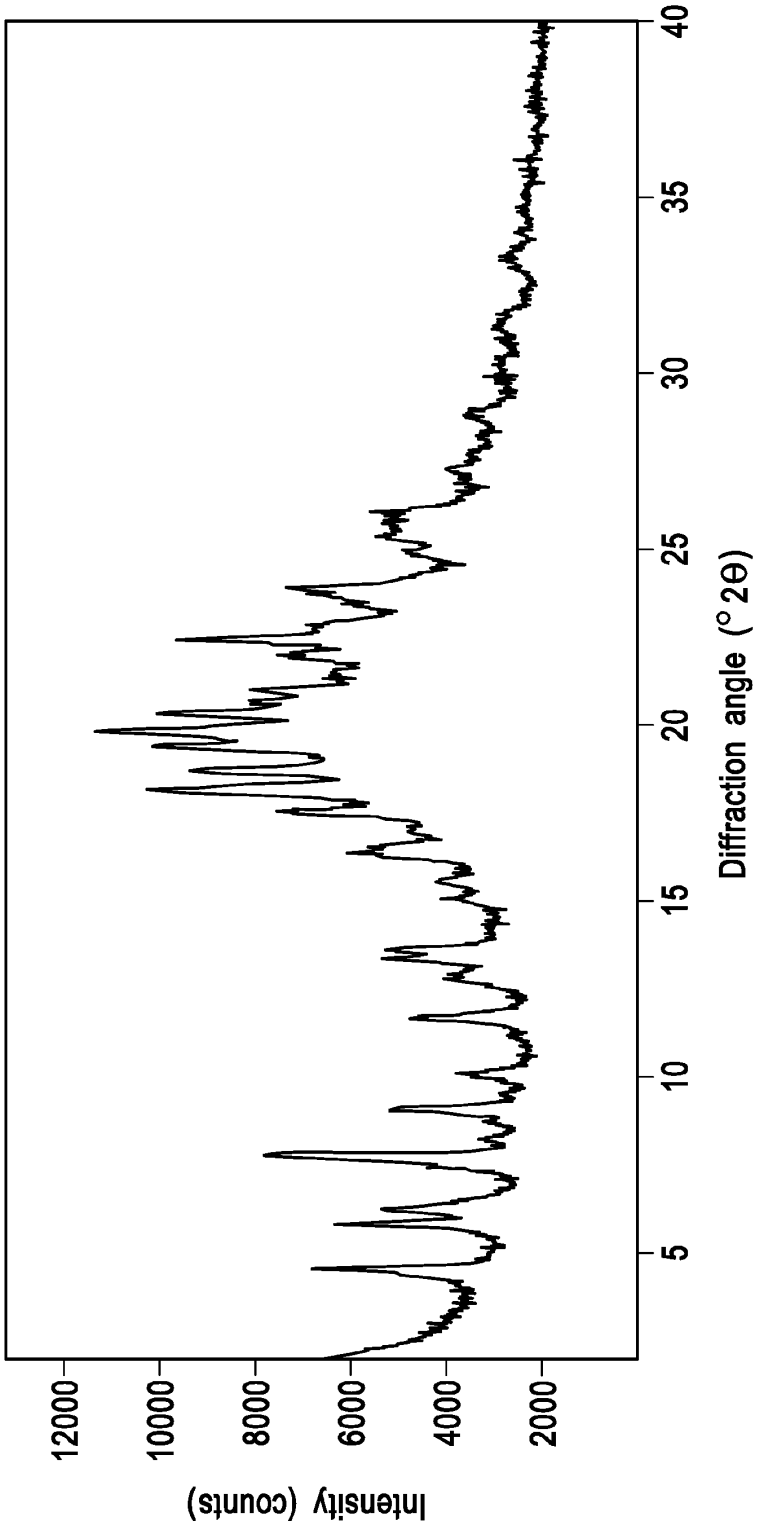

Intensity (counts)
12000
10000
8000
6000
4000
2000
Diffraction angle (° 2θ)
5
10
15
20
25
30
35
40

FIG. 25

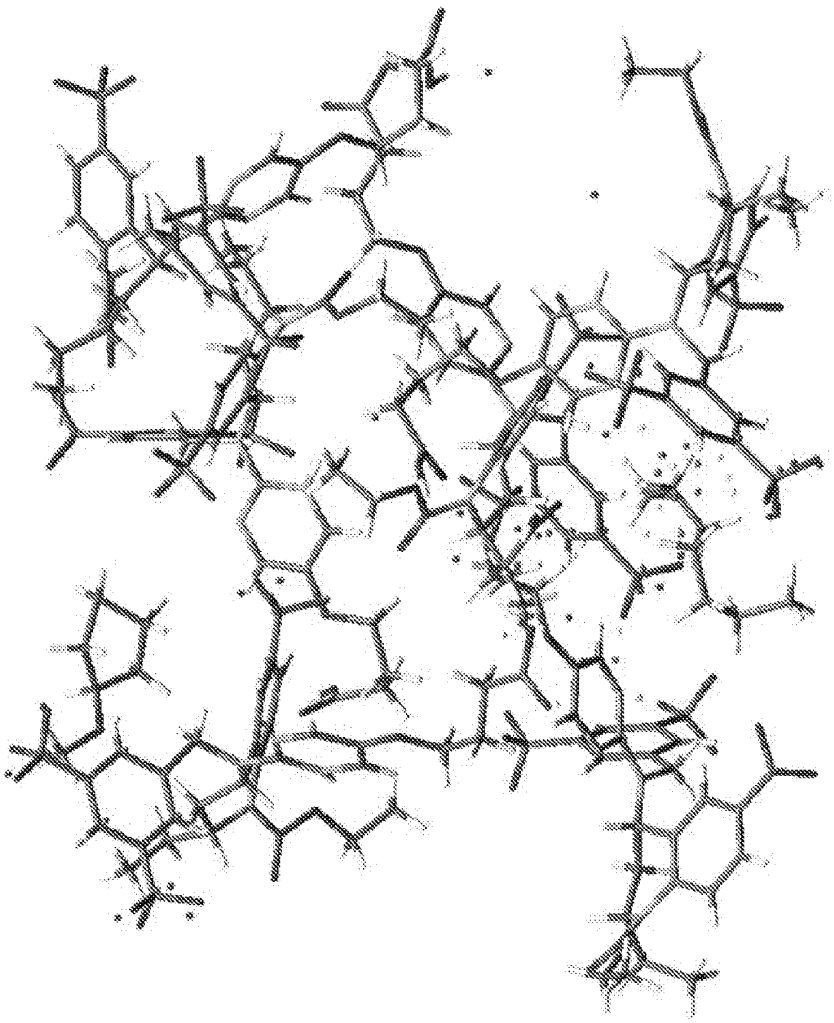


FIG. 26

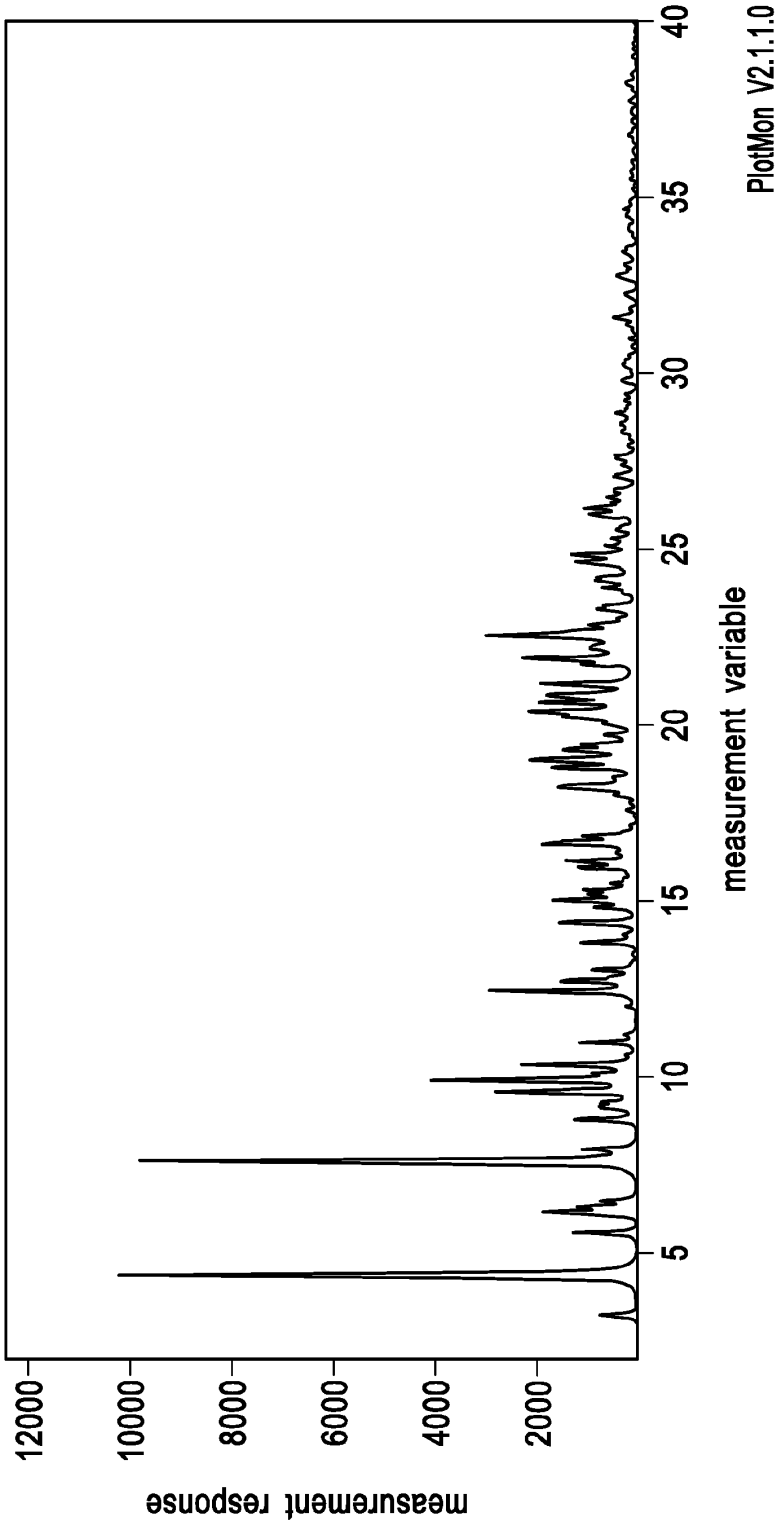

measurement response
12000
10000
8000
6000
4000
2000
5
10
15
20
25
30
35
40
measurement variable
PlotMon V2.1.1.0

FIG. 27

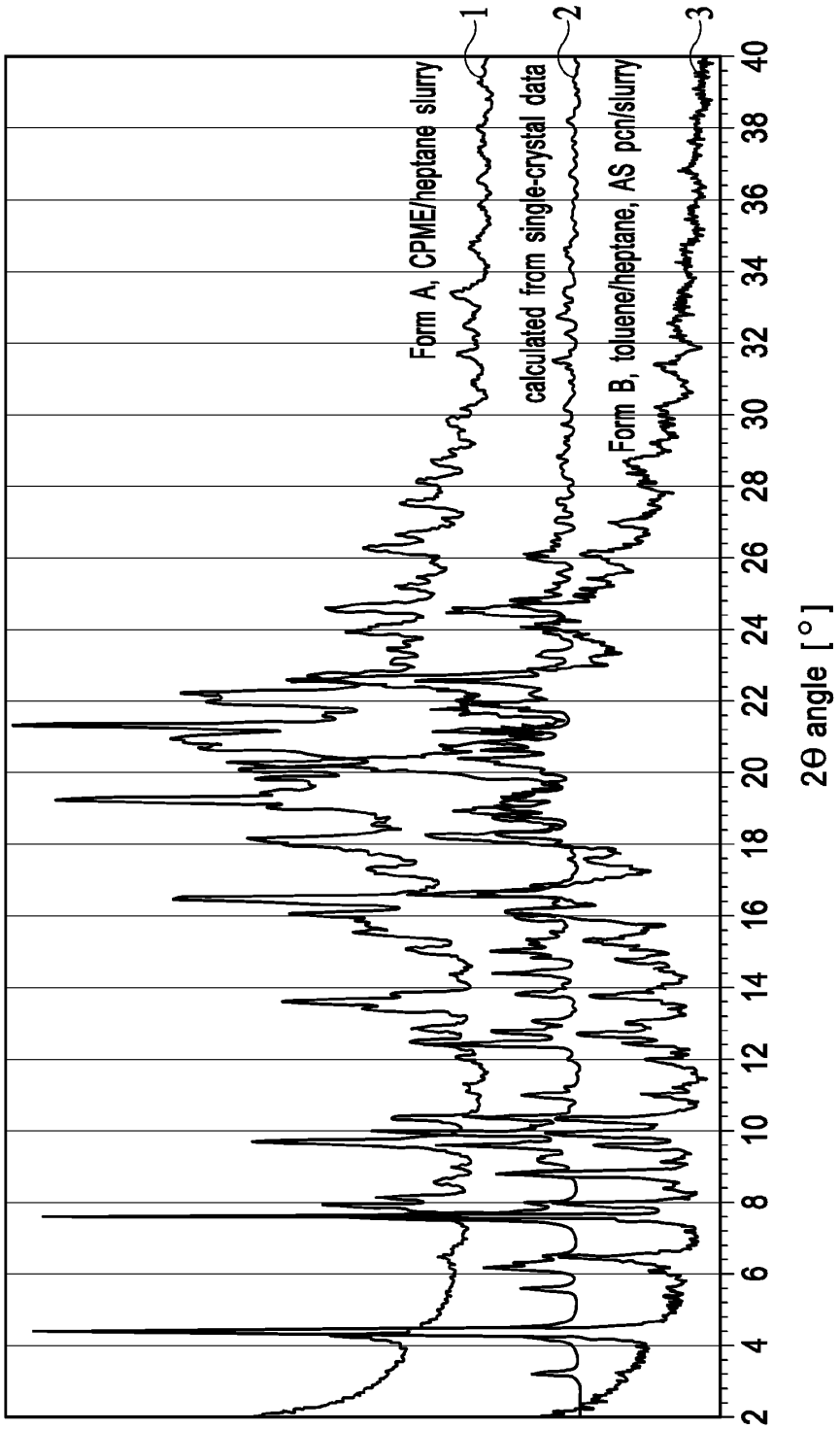

Form A, CPME/heptane slurry
calculated from single-crystal data
Form B, toluene/heptane, AS pcn/slurry
1
2
3
2θ angle [°]
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40

FIG. 28