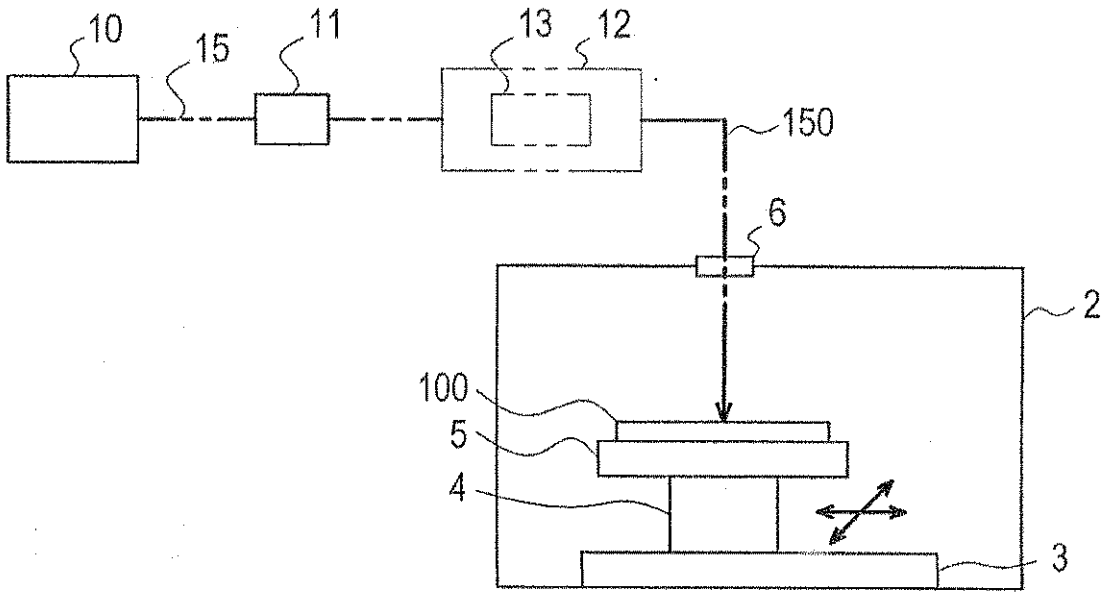
FIG.1



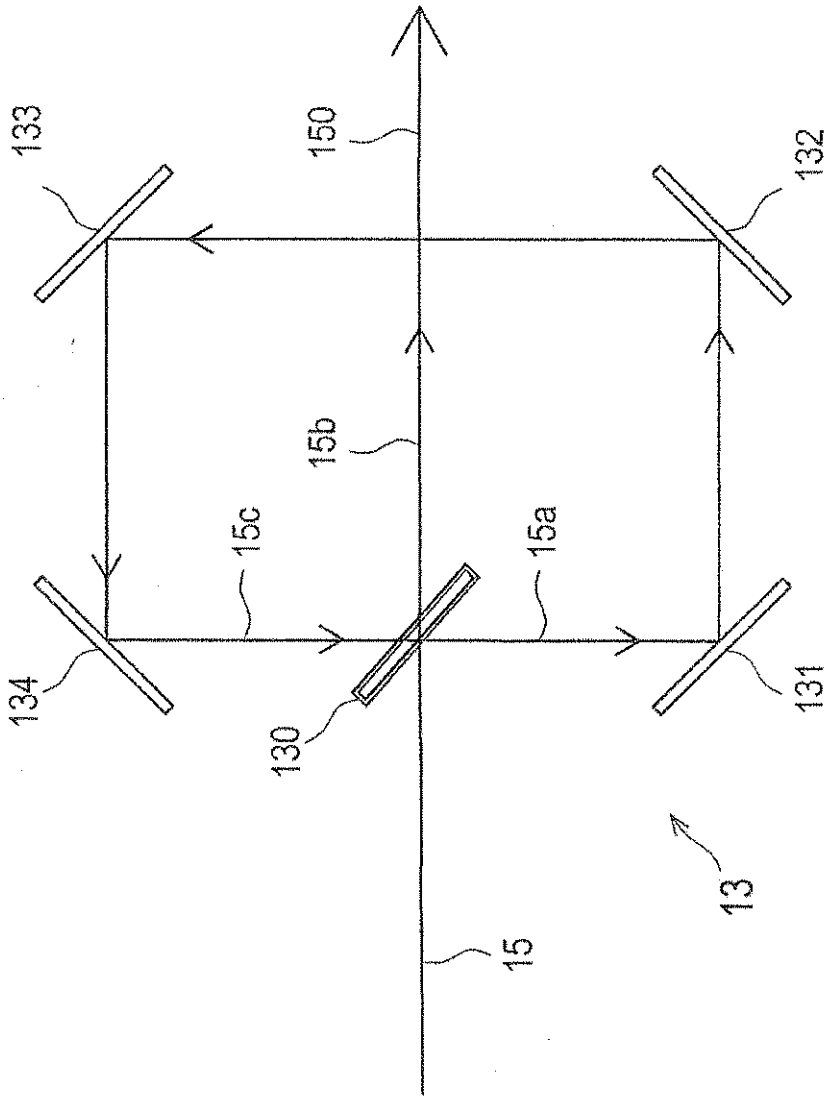


FIG.2

FIG.3

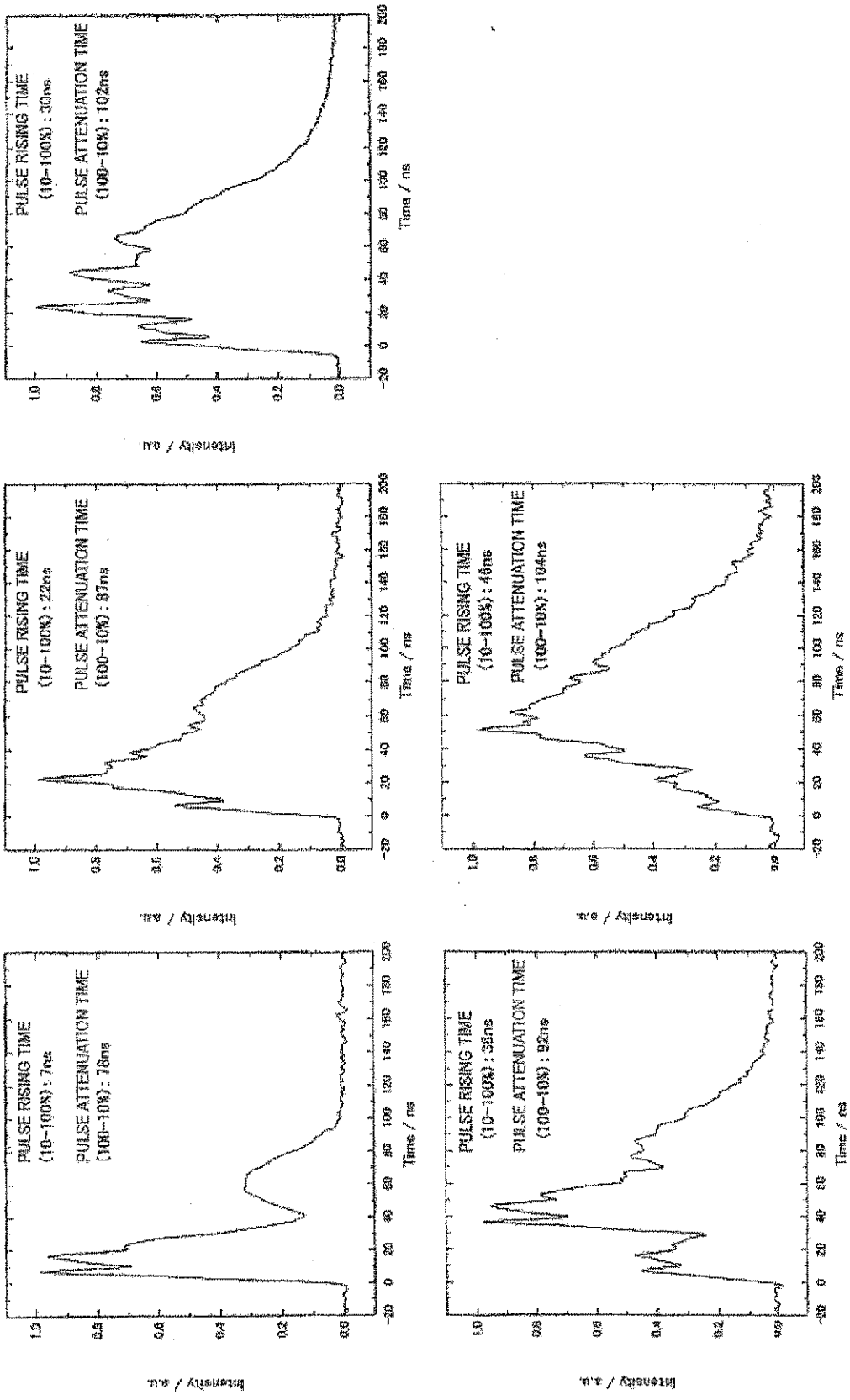
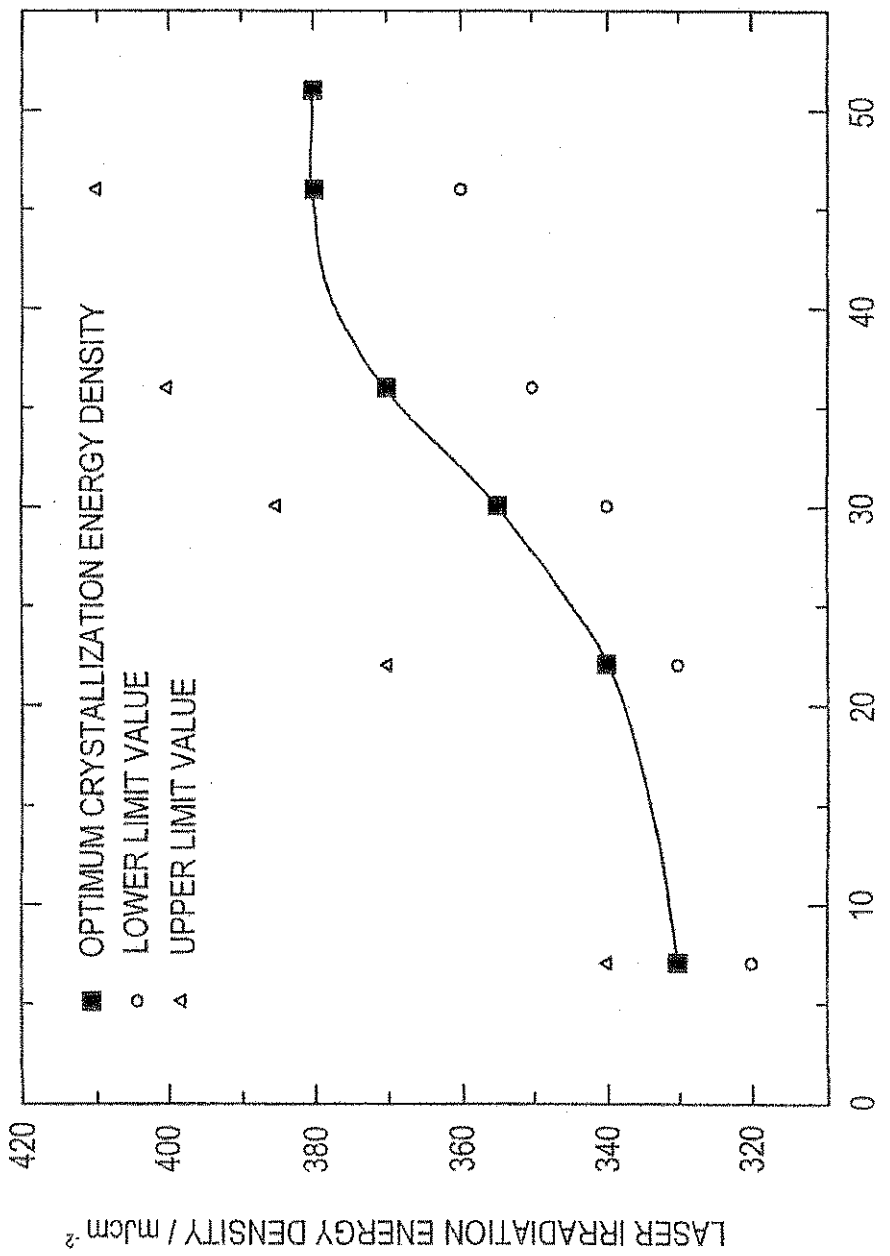
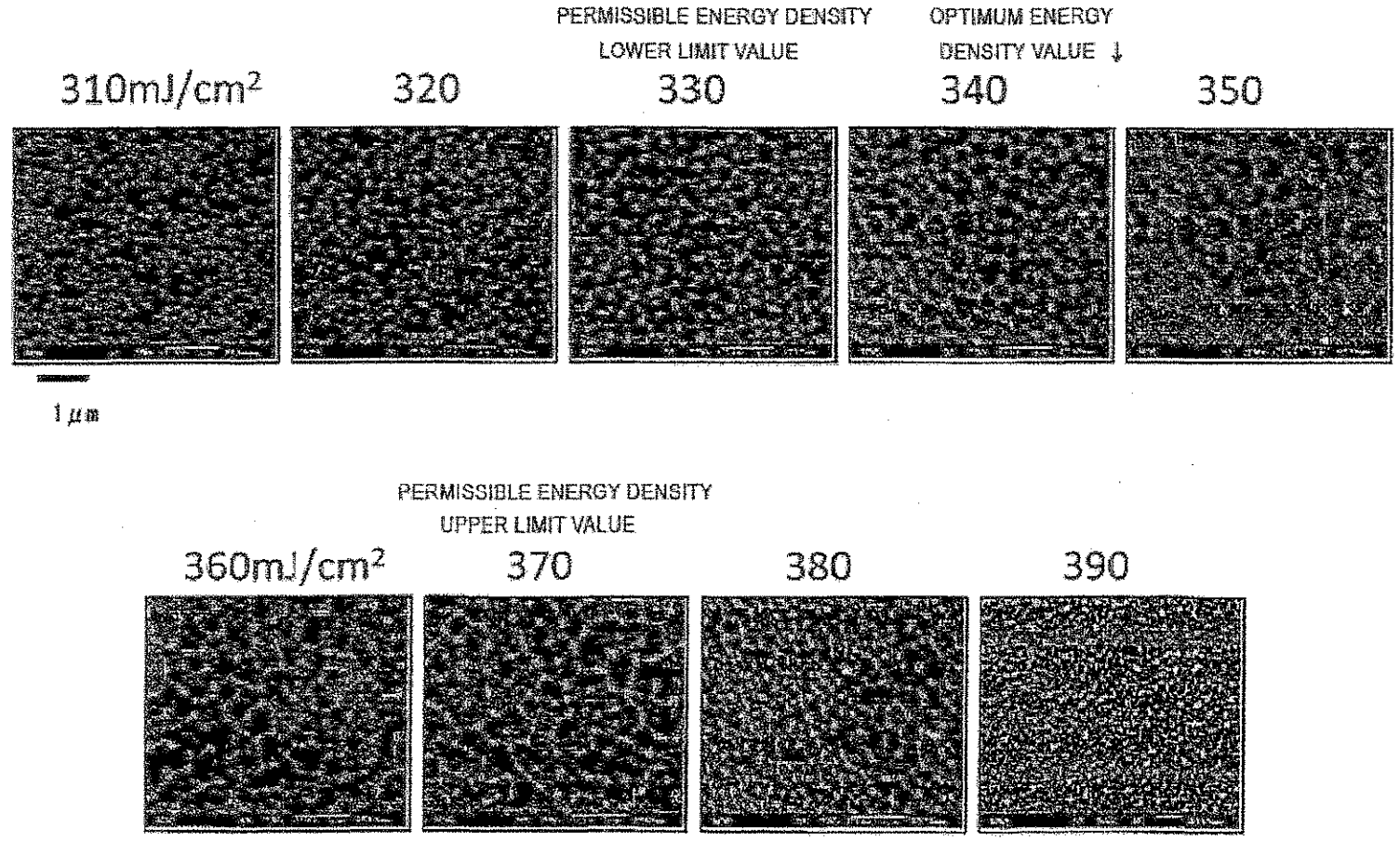

PULSE RISING TIME
(10–100%) : 7ns
PULSE ATTENUATION TIME
(100–10%) : 78ns
PULSE RISING TIME
(10–100%) : 22ns
PULSE ATTENUATION TIME
(100–10%) : 97ns
PULSE RISING TIME
(10–100%) : 30ns
PULSE ATTENUATION TIME
(100–10%) : 102ns
PULSE RISING TIME
(10–100%) : 36ns
PULSE ATTENUATION TIME
(100–10%) : 92ns
PULSE RISING TIME
(10–100%) : 46ns
PULSE ATTENUATION TIME
(100–10%) : 104ns
Intensity / a.u.
Time / ns

FIG.4



PULSE RISING TIME AND CRYSTALLIZATION ENERGY MARGIN

FIG.5



PHOTOGRAPH SUBSTITUTED FOR DRAWING

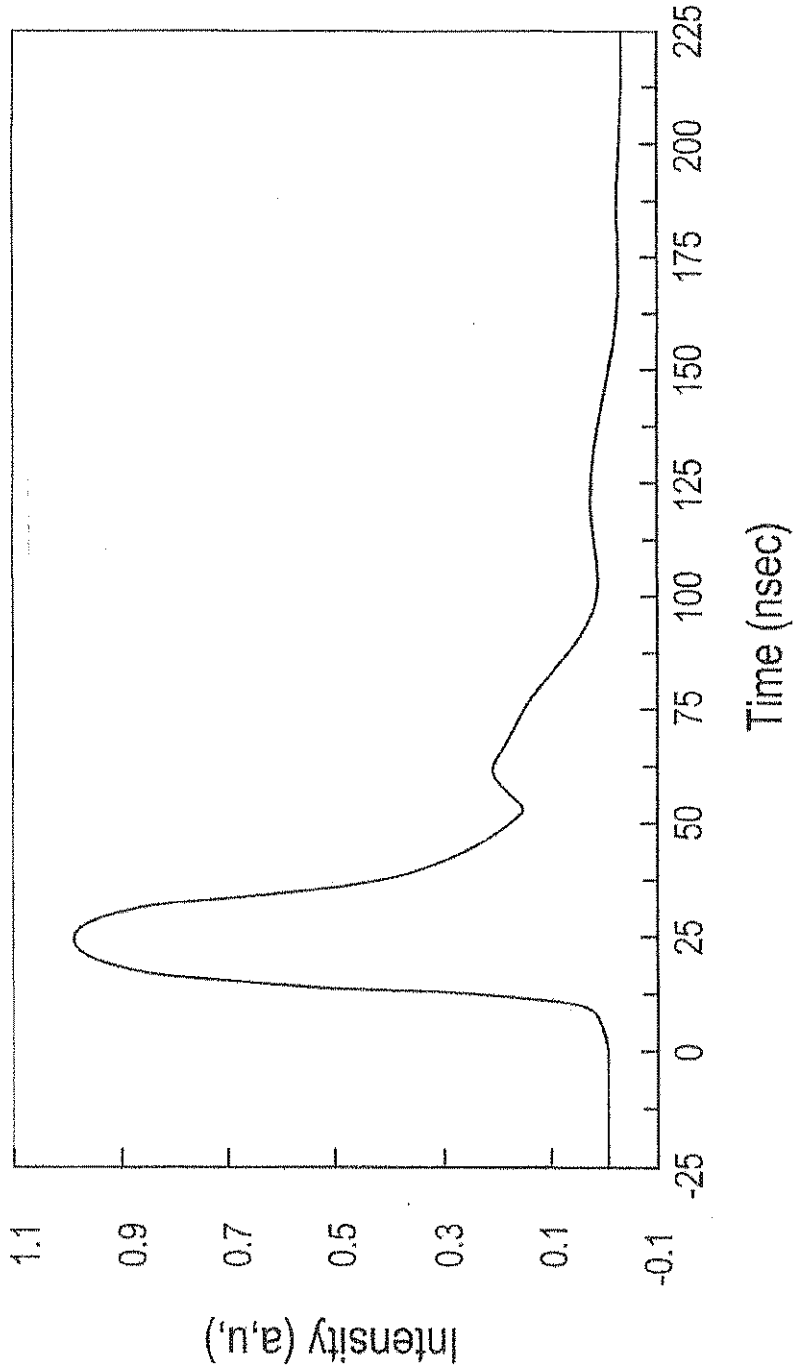

Intensity (a.u.)
1.1
0.9
0.7
0.5
0.3
0.1
-0.1
-25
0
25
50
75
100
125
150
175
200
225
Time (nsec)

FIG.6