

Time resolution [ps]

CERN SPS Testbeam with 180 GeV/c pions

HV= 120V ,  $V_{th} = 6 \sigma_v$

200  
180  
160  
140  
120  
100  
80  
60  
40

0

0.2

0.4

0.6

0.8

1

1.2

1.4

1.6

1.8

2

$P_{density} [W/cm^2]$

