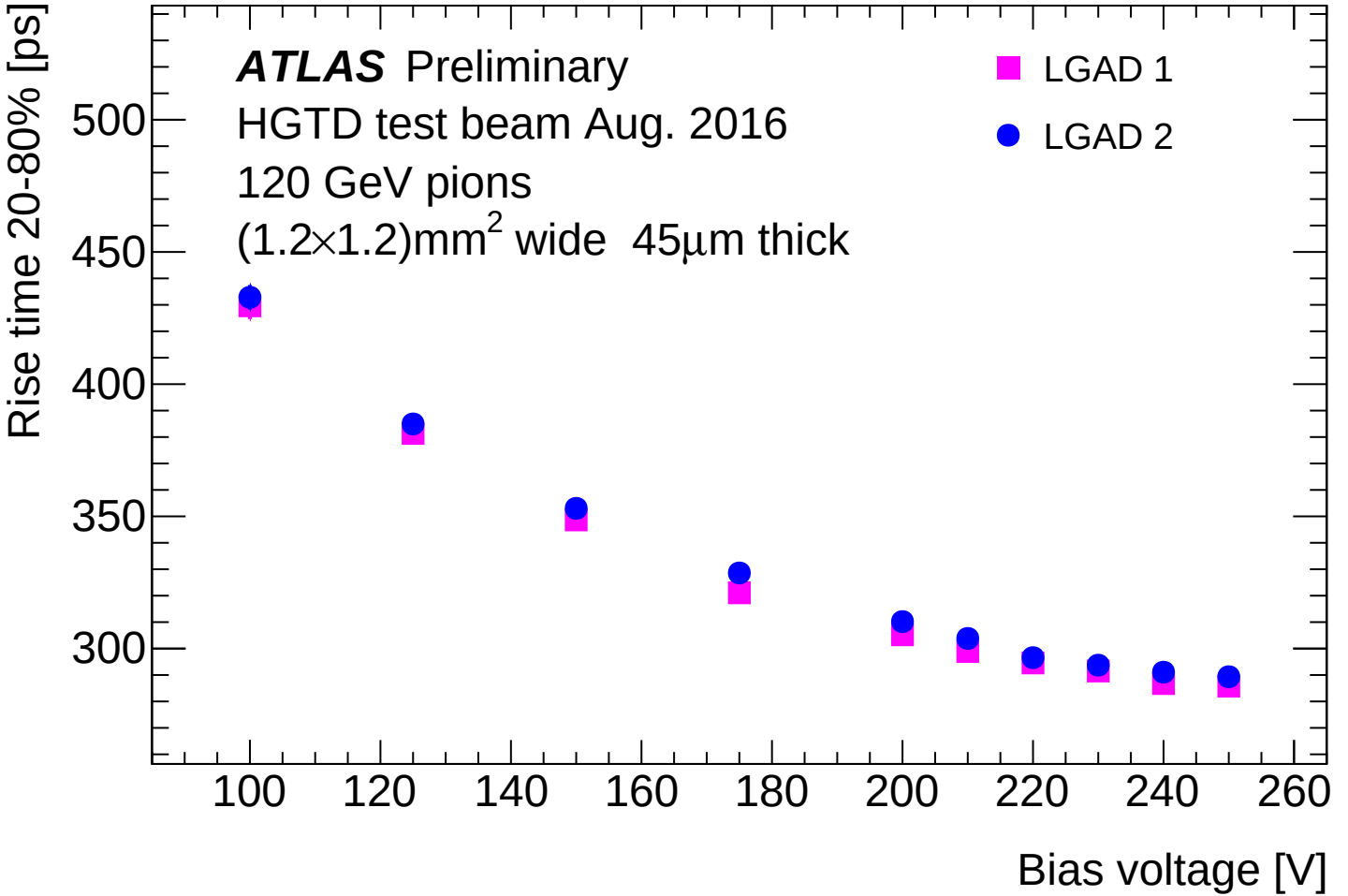
ATLAS Preliminary
HGTD test beam Aug. 2016
120 GeV pions
(1.2×1.2)mm^2 wide 45µm thick
LGAD 1
LGAD 2
Rise time 20-80% [ps]
500
450
400
350
300
100
120
140
160
180
200
220
240
260
Bias voltage [V]