

Simulations with Gate, 5th report

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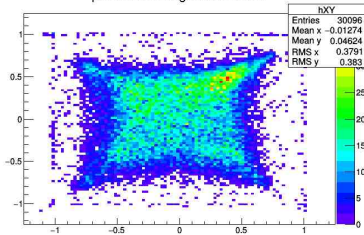


June 30, 2016

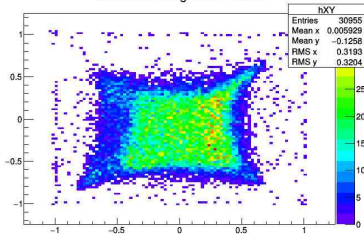


Difusor images

porazdelitev dogodkov - 15mm



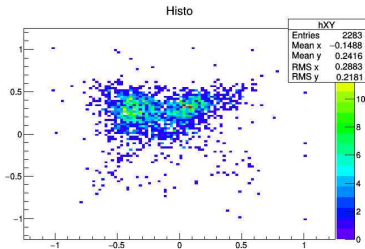
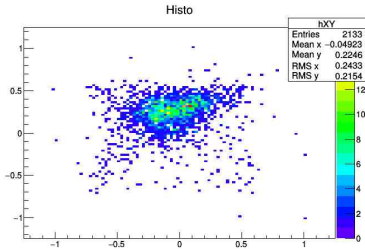
Porazdelitev dogodkov - 20mm



- 15 mm flood map (top)
- 20 mm difusor map (bottom)



Difusor images

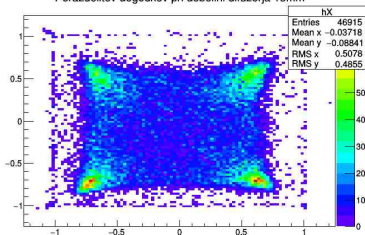


- With an 11 to 27 focus, adjacent 6 mm crystals (top)
- and next-to-adjacent 6 mm crystals (bottom)

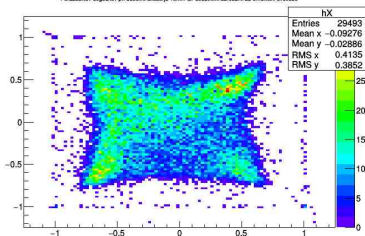


Difusor images

Porazdelitev dogodkov pri debelini difuzorja 15mm



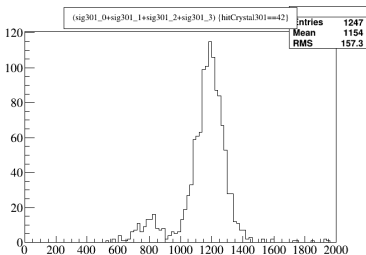
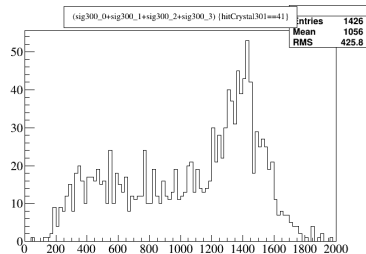
Porazdelitev dogodkov pri debelini difuzorja 15mm ter dodatni zarezani za ohranitev svetlobe



- homogenous crystal, 15 mm thick (top)
- cleaved crystal, 15 mm + 10 mm thick (bottom)



Difusor images



- LYSO spectrum (top!)
- BGO spectrum, same run (bottom)

