

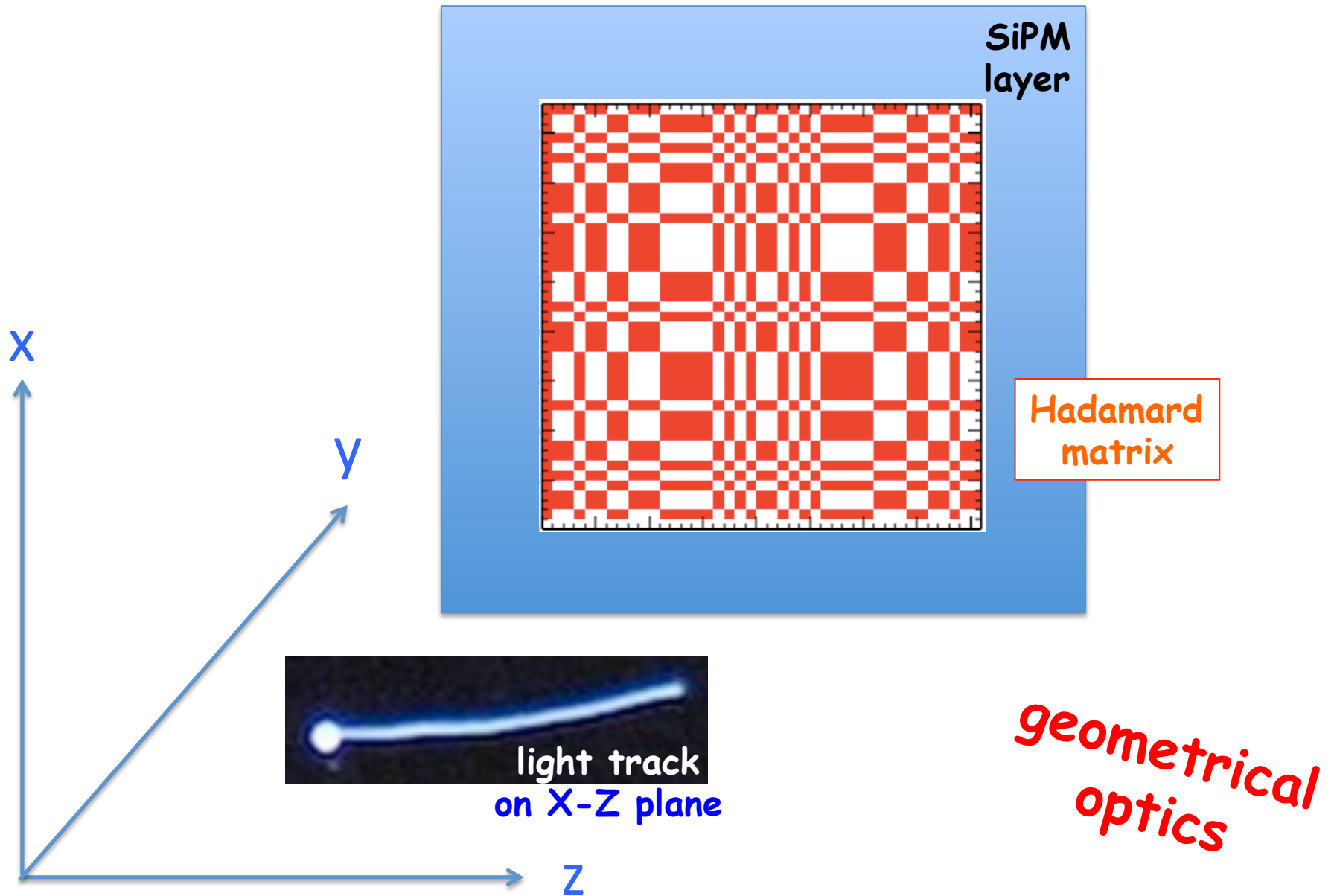
# Toy Montecarlo

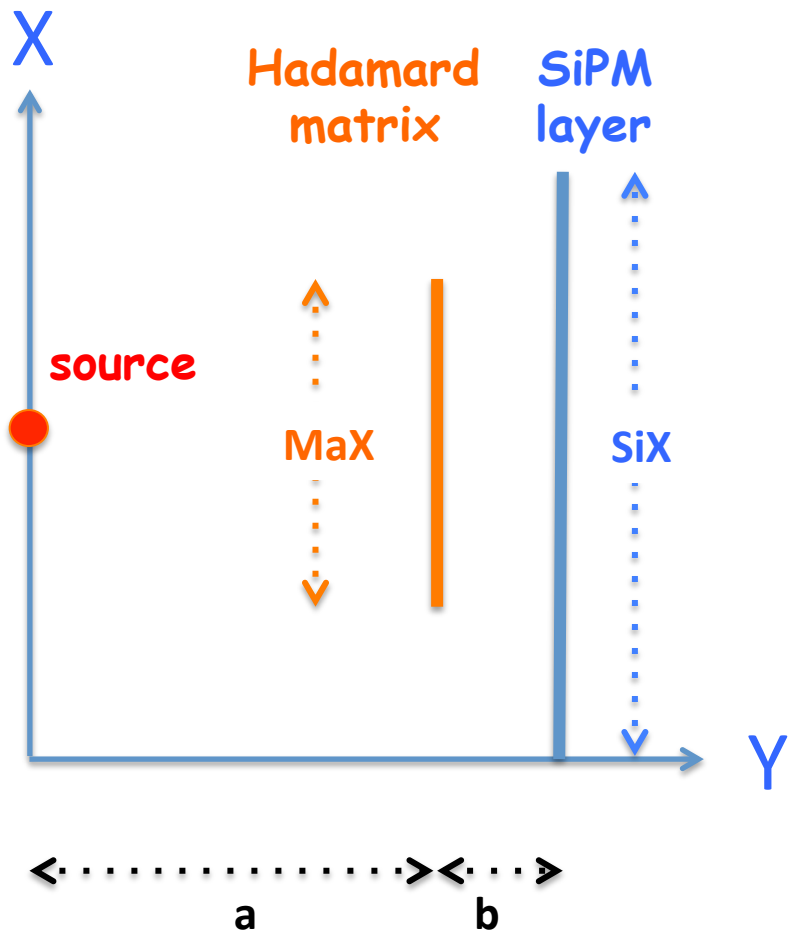
P. Bernardini

A. Leaci

L. Martina

# Toy Montecarlo

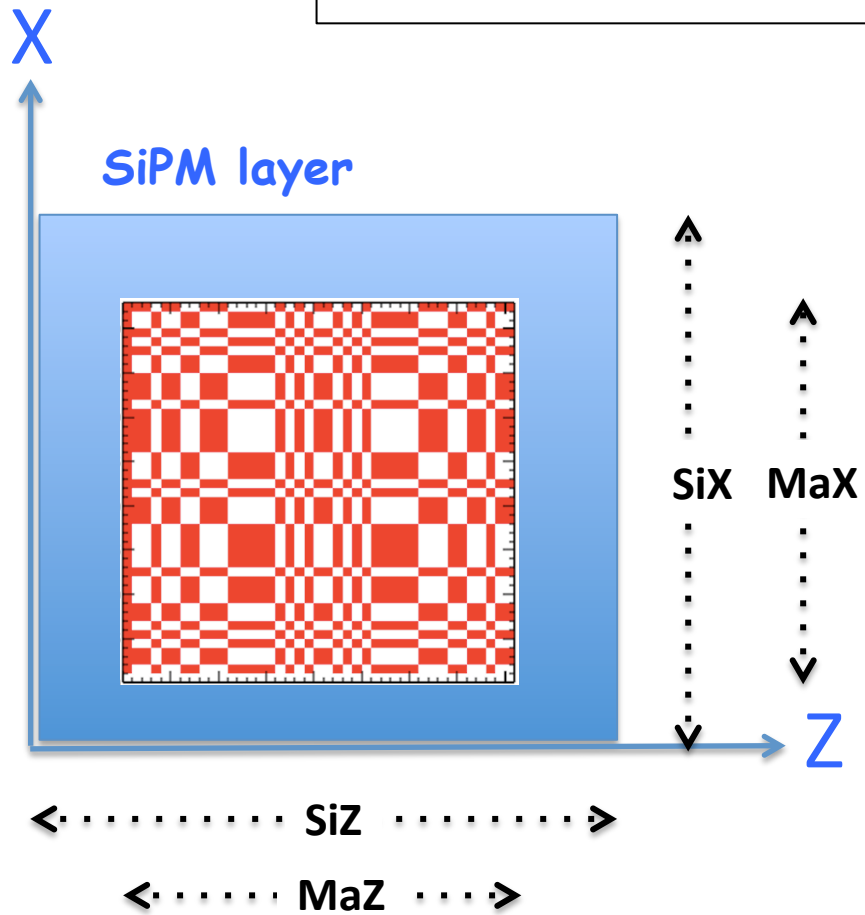




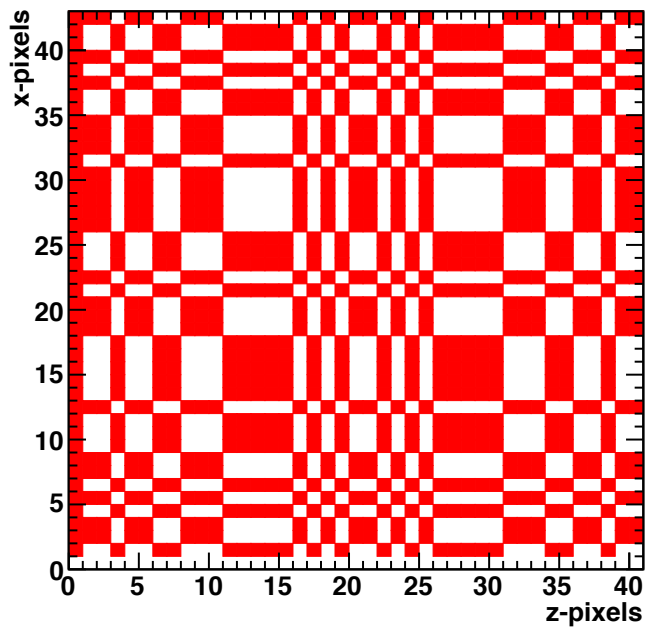
**a = 7.5 cm**  
**b = 3.0 cm**

**MaX = 43 x 0.3 cm = 12.9 cm**  
**MaZ = 41 x 0.3 cm = 12.3 cm**

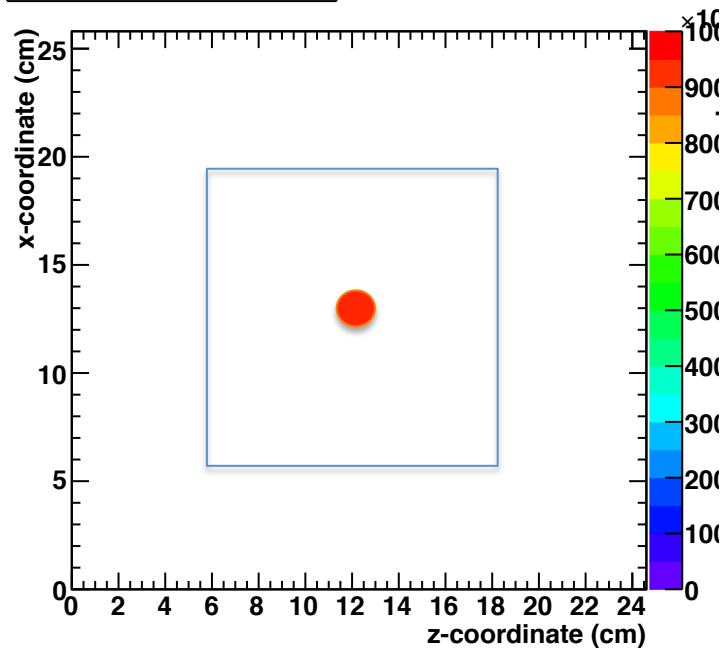
**SiX = 86 x 0.3 cm = 25.8 cm**  
**SiZ = 82 x 0.3 cm = 24.6 cm**



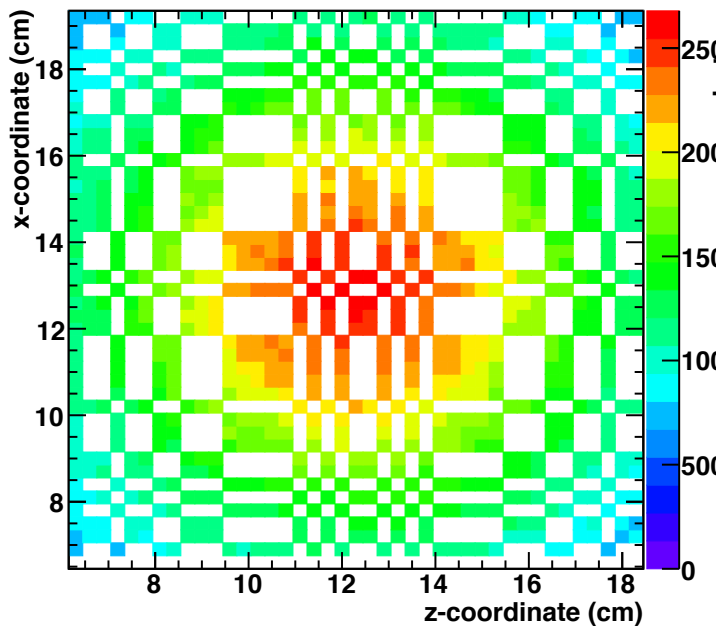
Hadamard matrix 41x43



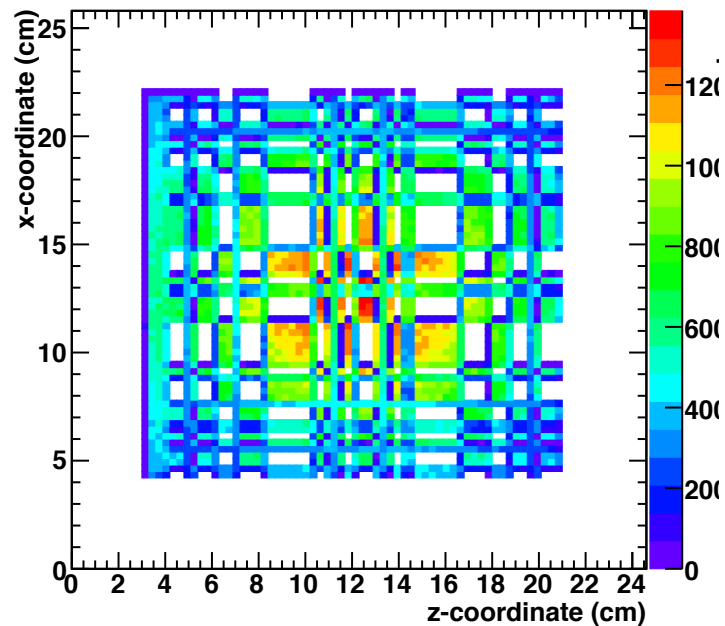
track in the x-z plane



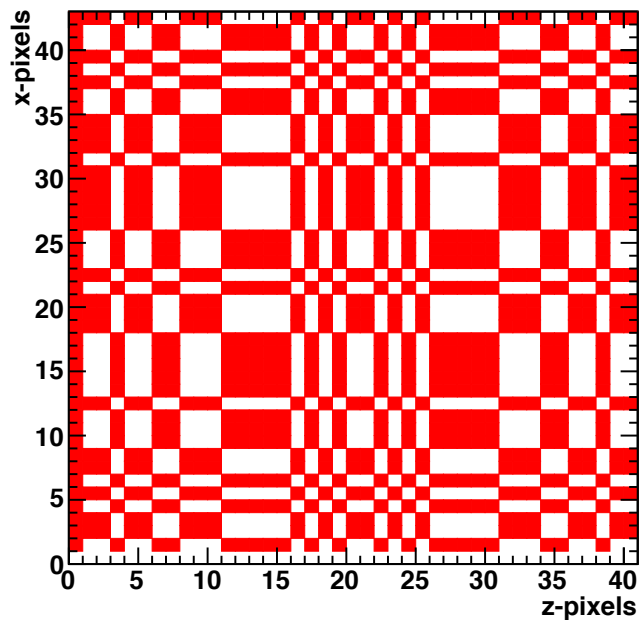
photons on the Hadamard matrix



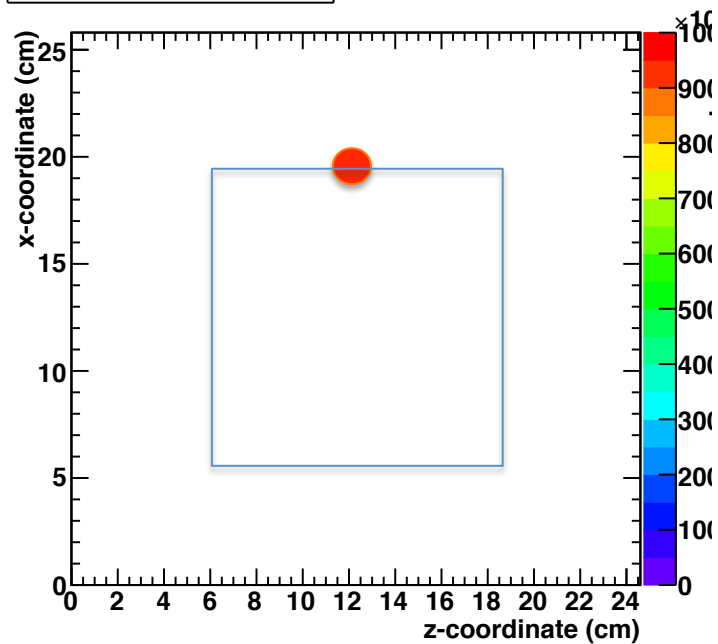
photons on the SiPM layer



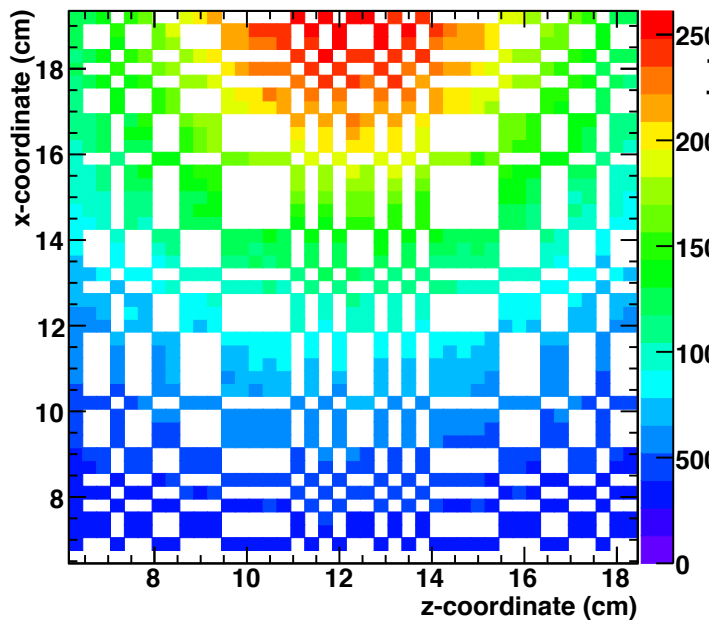
Hadamard matrix 41x43



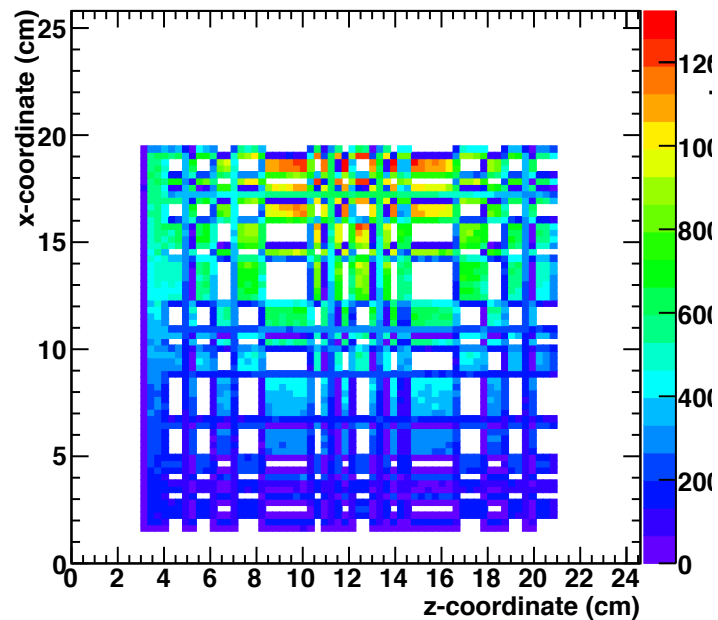
track in the x-z plane

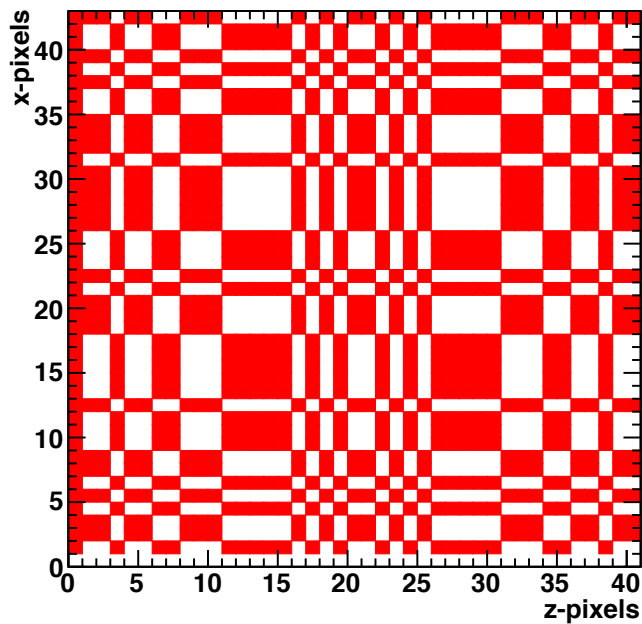
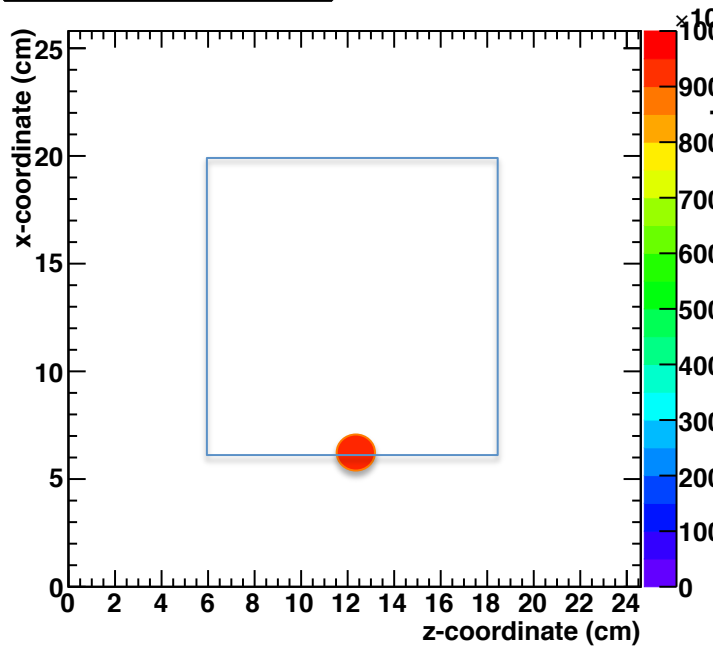
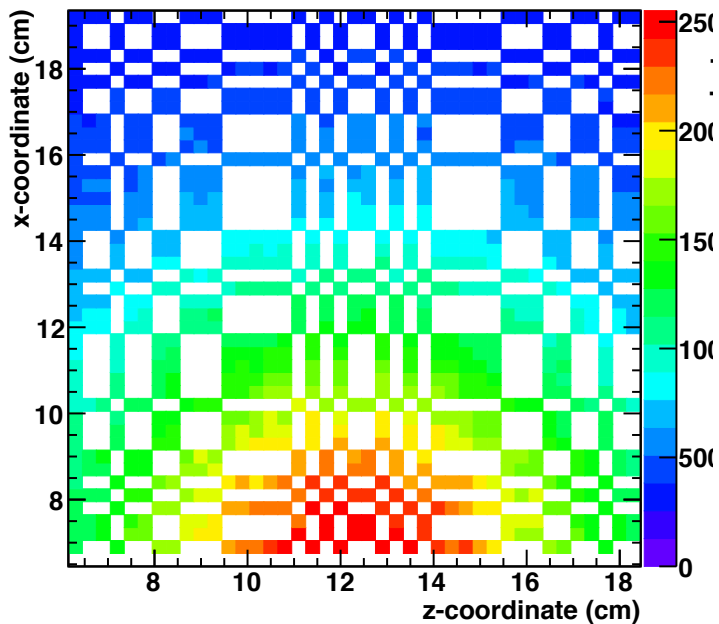
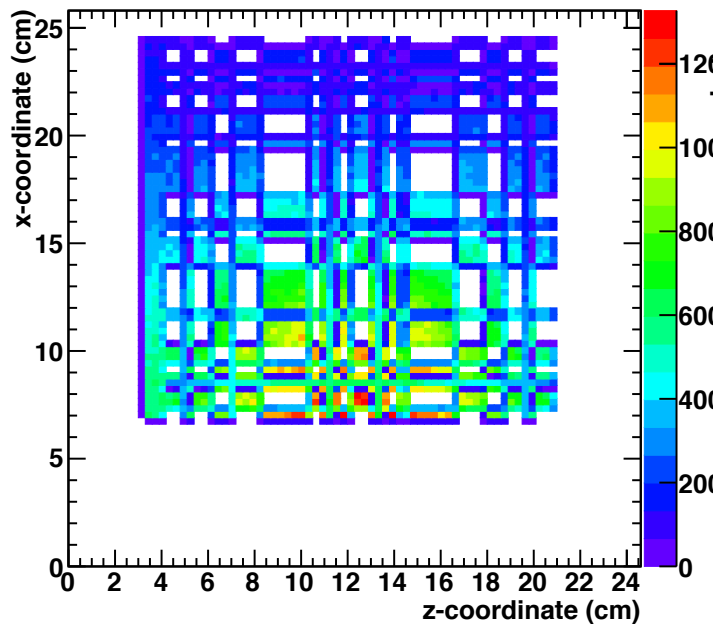


photons on the Hadamard matrix

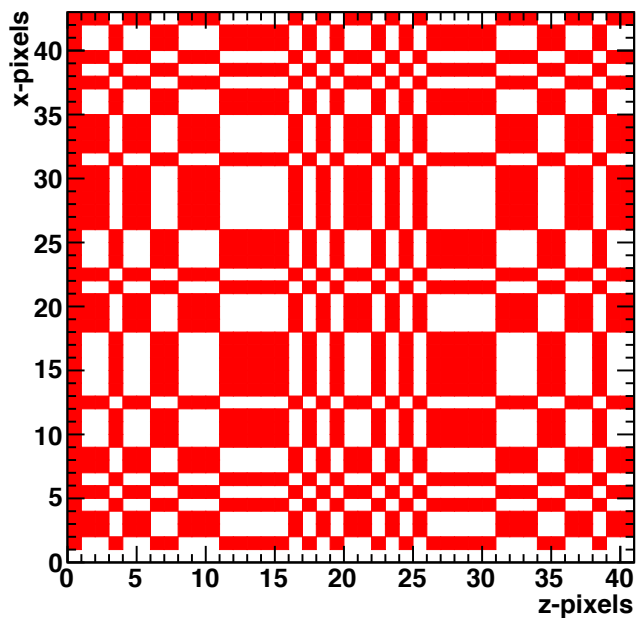


photons on the SiPM layer

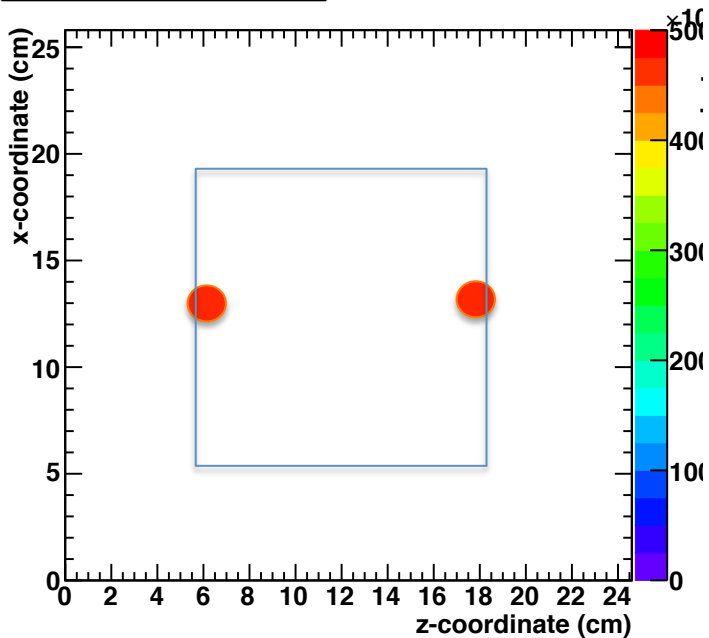


**Hadamard matrix 41x43****track in the x-z plane****photons on the Hadamard matrix****photons on the SiPM layer**

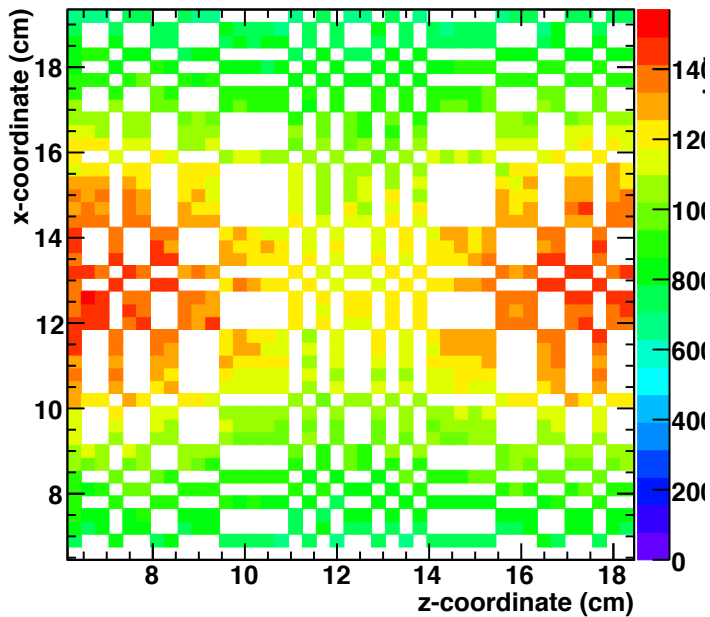
Hadamard matrix 41x43



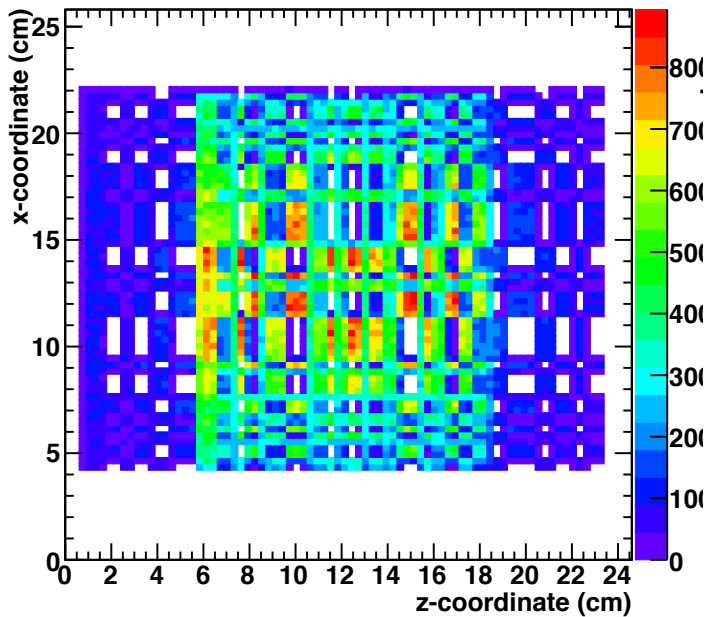
track in the x-z plane

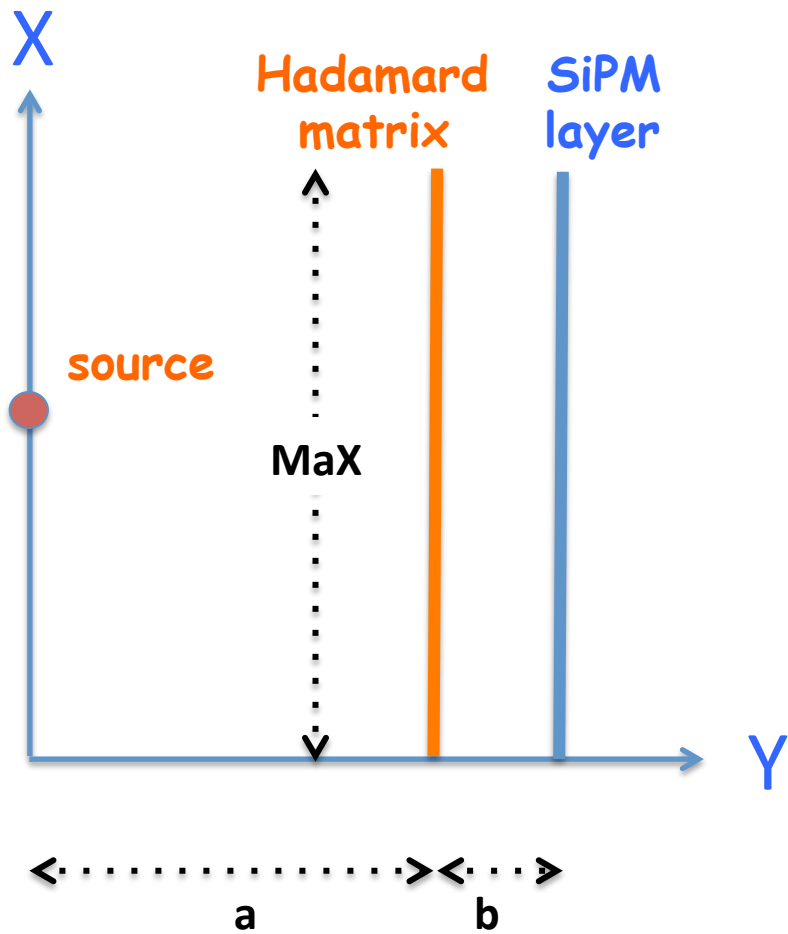


photons on the Hadamard matrix



photons on the SiPM layer



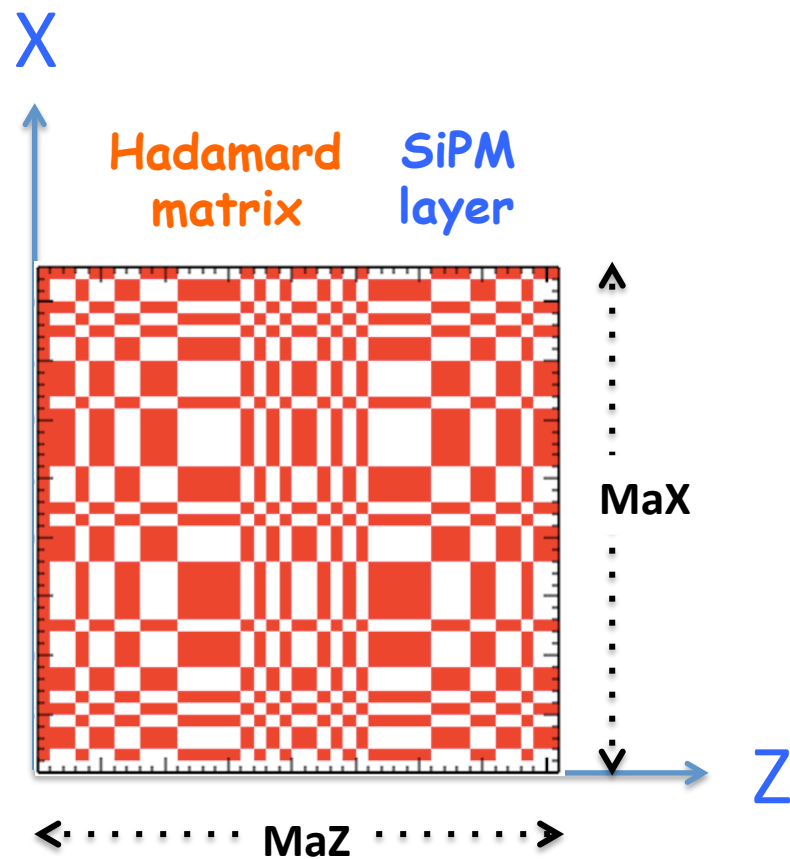


$$a = 12.9 \text{ cm}$$

$$b = 1 \text{ cm}$$

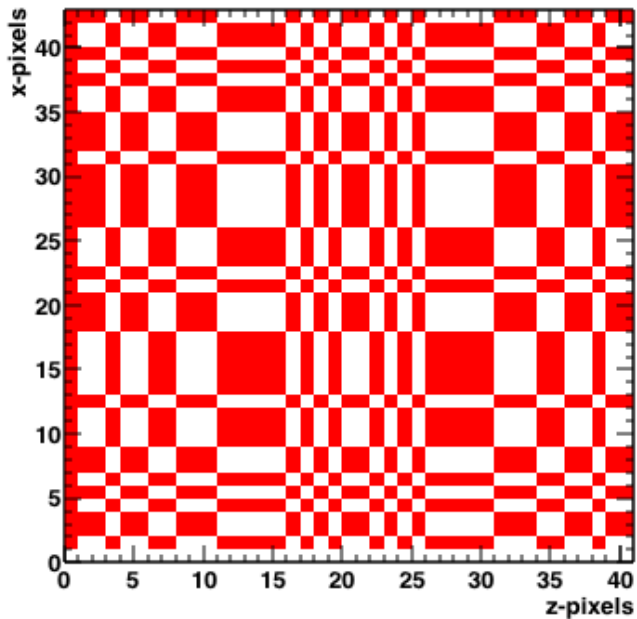
$$\text{MaX} = \text{SiX} = 43 \times 0.3 \text{ cm} = 12.9 \text{ cm}$$

$$\text{MaZ} = \text{SiZ} = 41 \times 0.3 \text{ cm} = 12.3 \text{ cm}$$

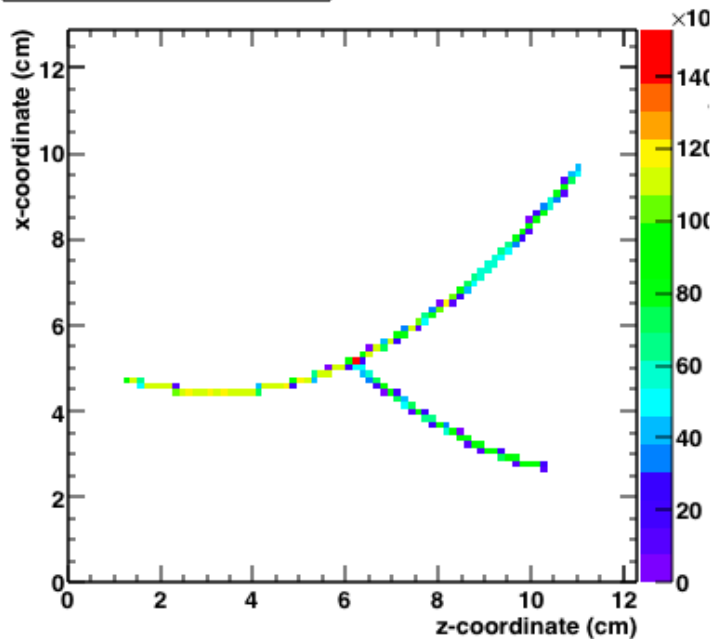




Hadamard matrix 41x43

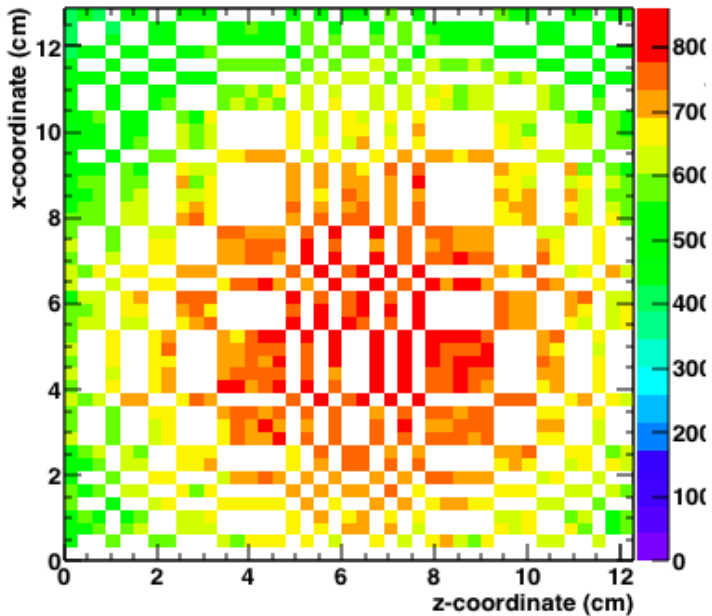


track in the x-z plane

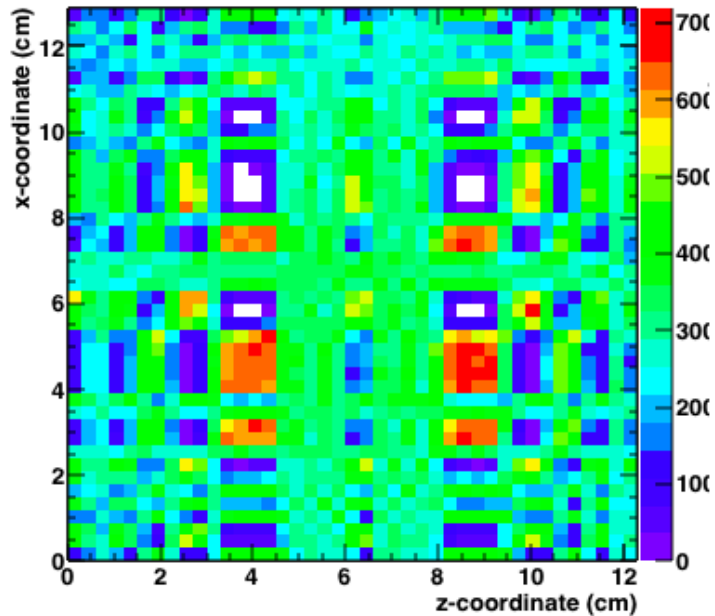


$a = 12.9$  cm

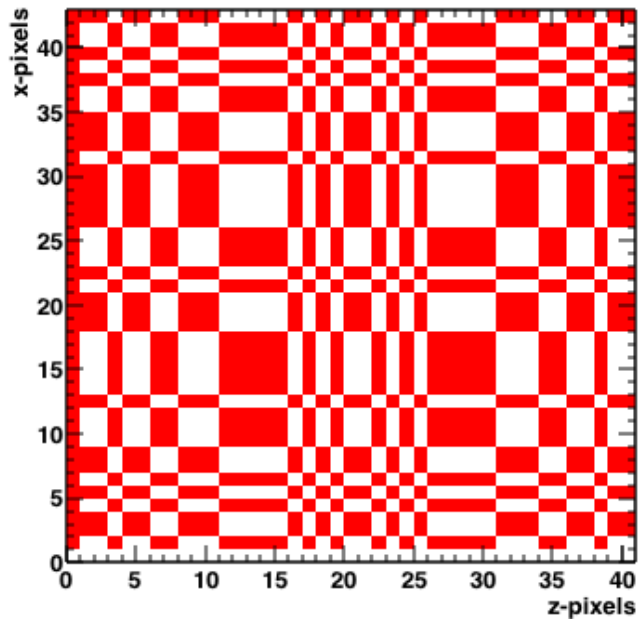
photons on the Hadamard matrix



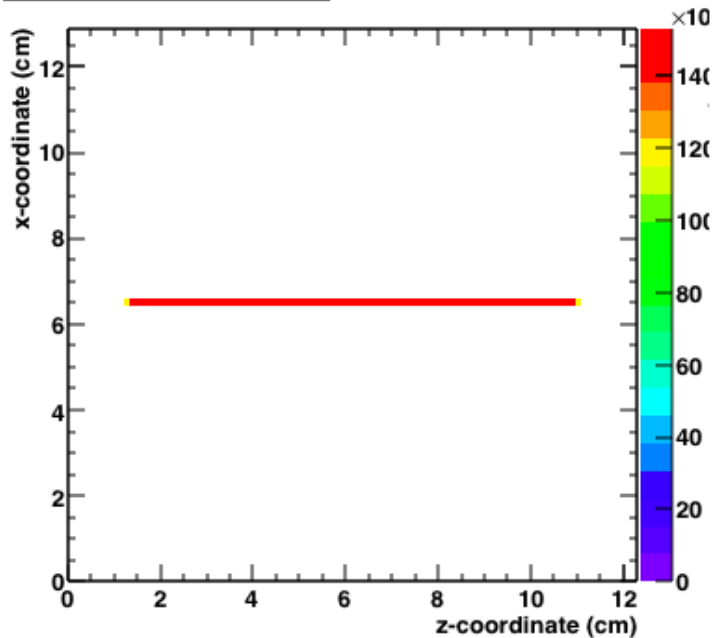
photons on the SiPM layer



Hadamard matrix 41x43

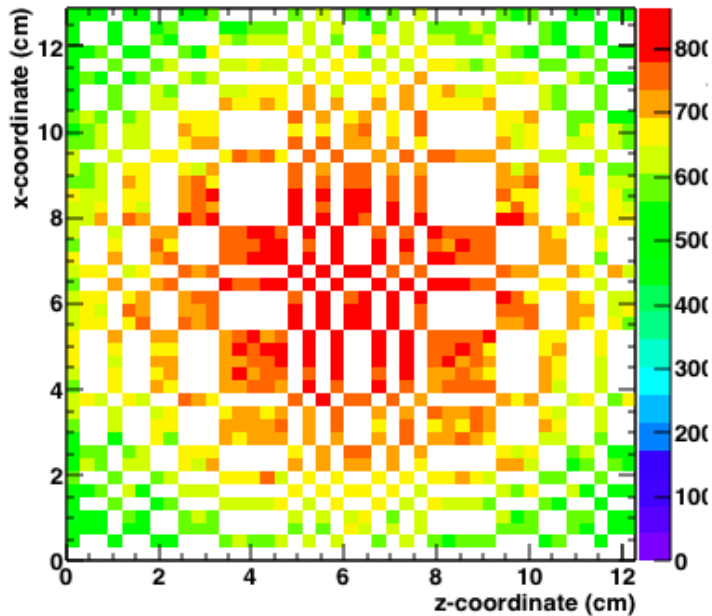


track in the x-z plane

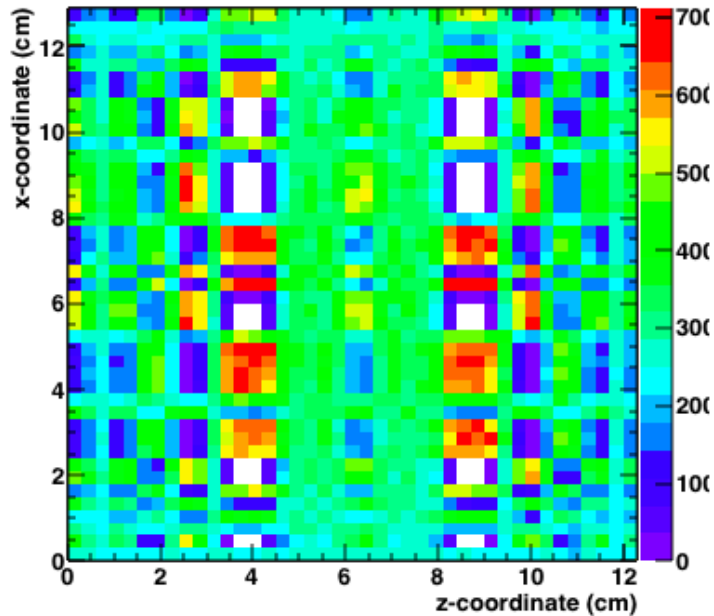


$a = 12.9$  cm

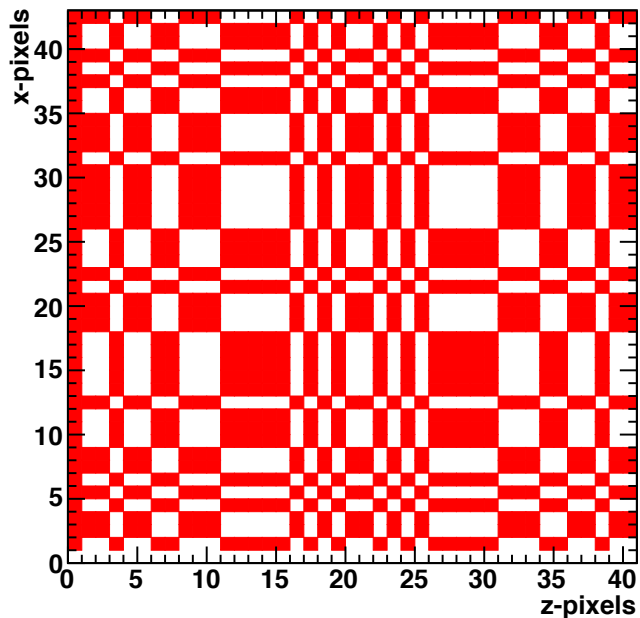
photons on the Hadamard matrix



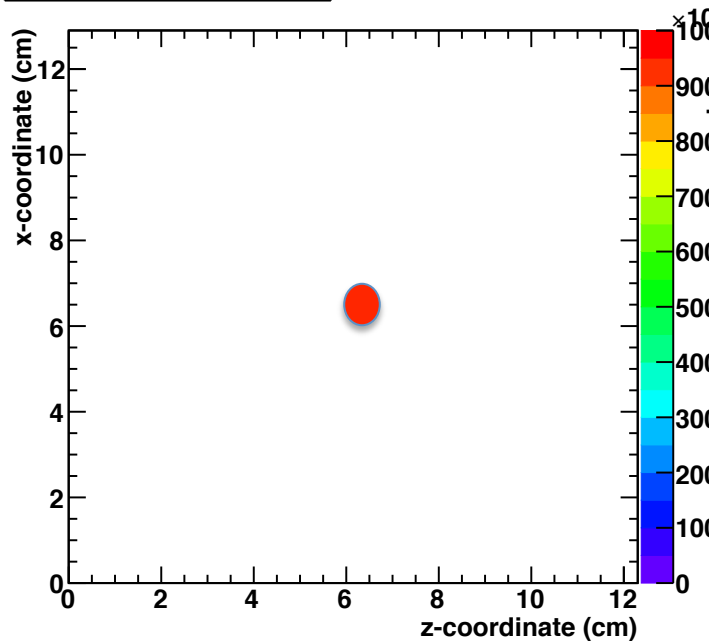
photons on the SiPM layer



Hadamard matrix 41x43

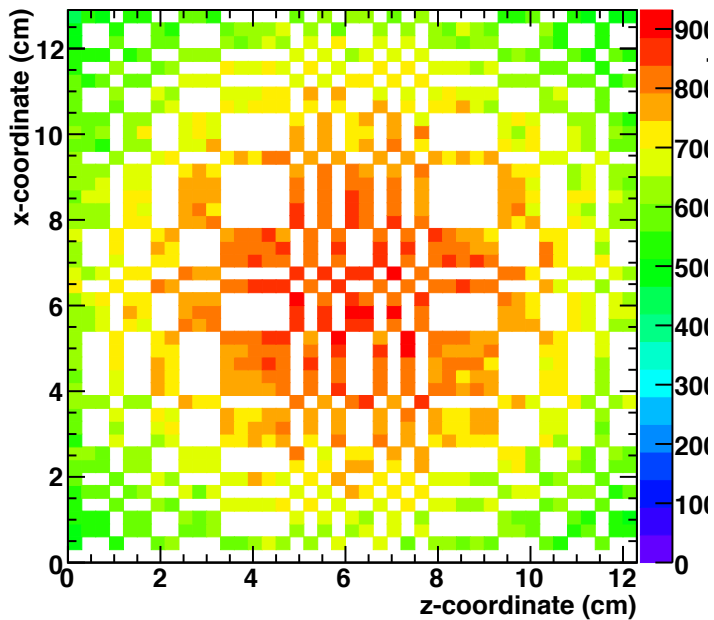


track in the x-z plane

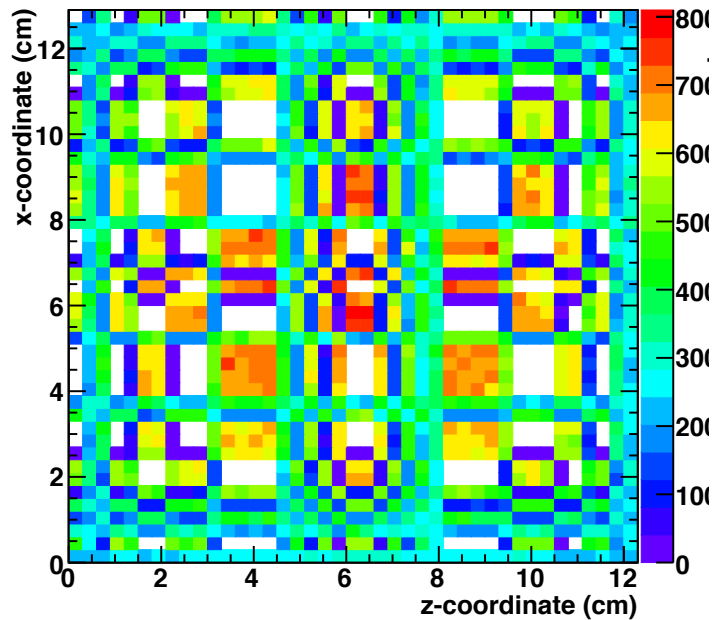


$a = 12.9$  cm

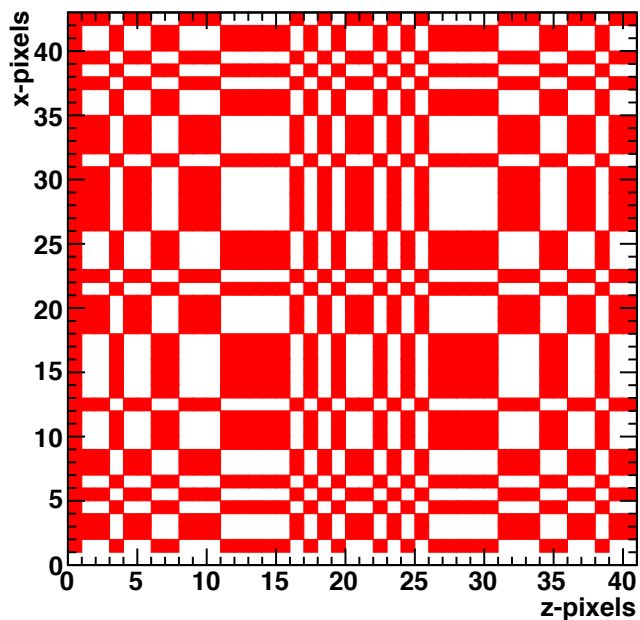
photons on the Hadamard matrix



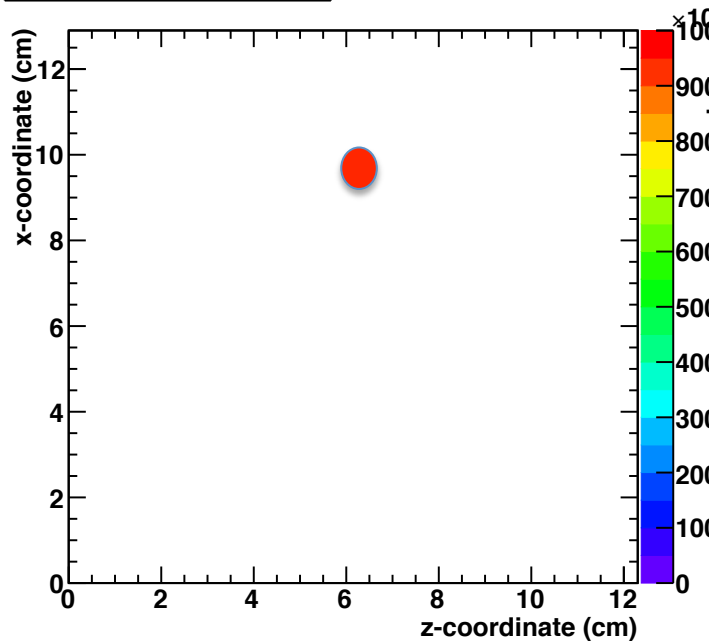
photons on the SiPM layer



Hadamard matrix 41x43

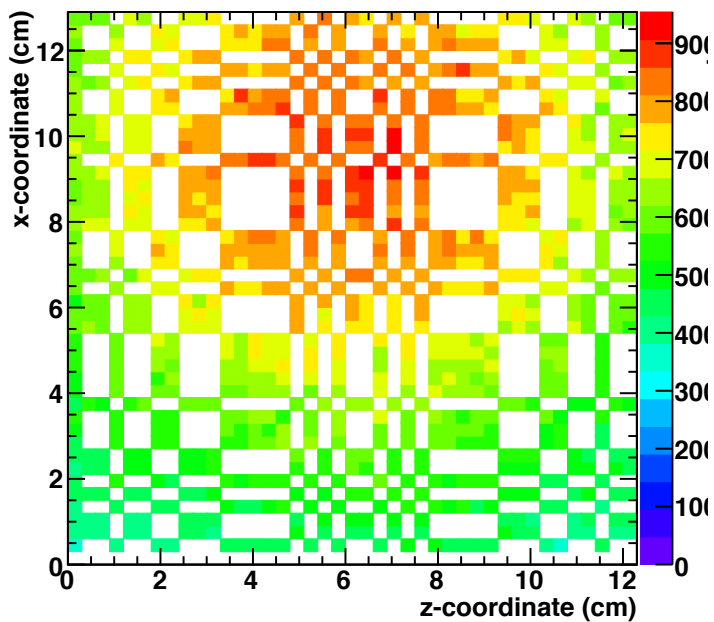


track in the x-z plane

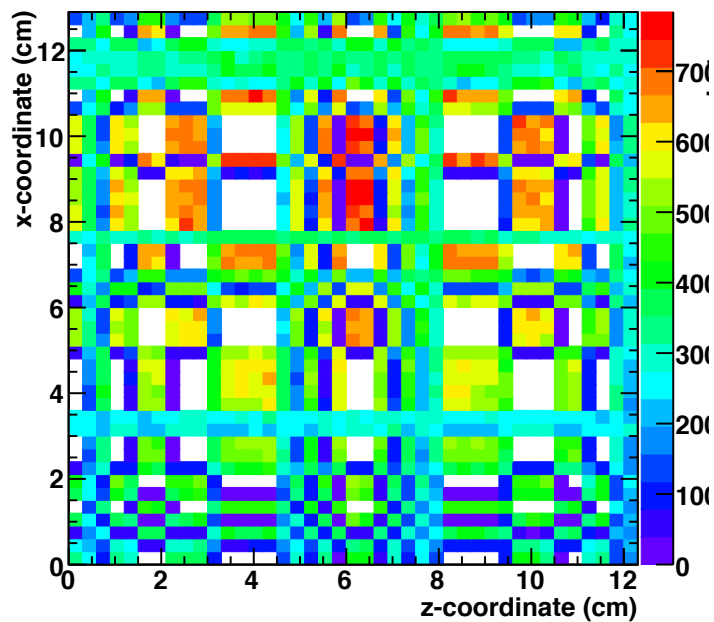


$a = 12.9$  cm

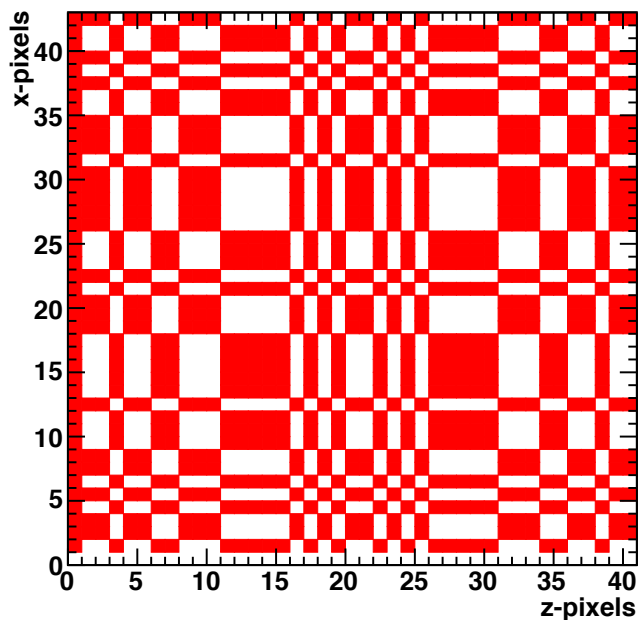
photons on the Hadamard matrix



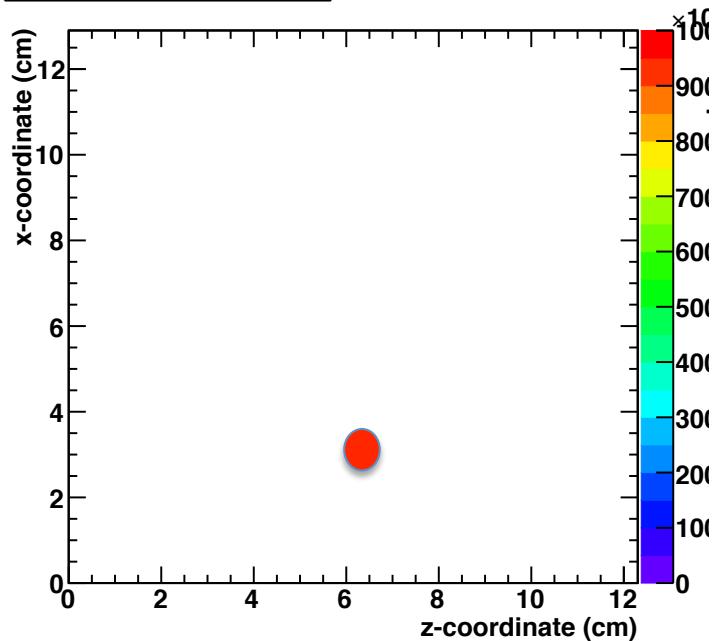
photons on the SiPM layer



Hadamard matrix 41x43

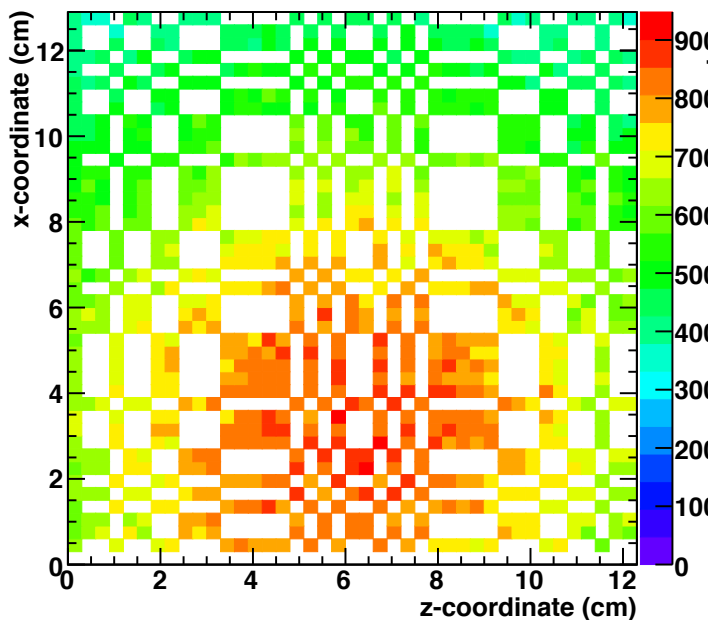


track in the x-z plane

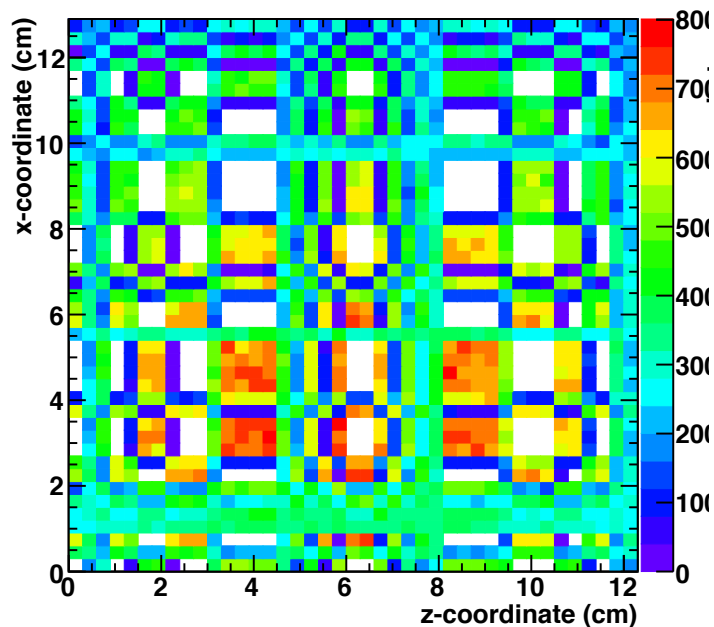


$a = 12.9$  cm

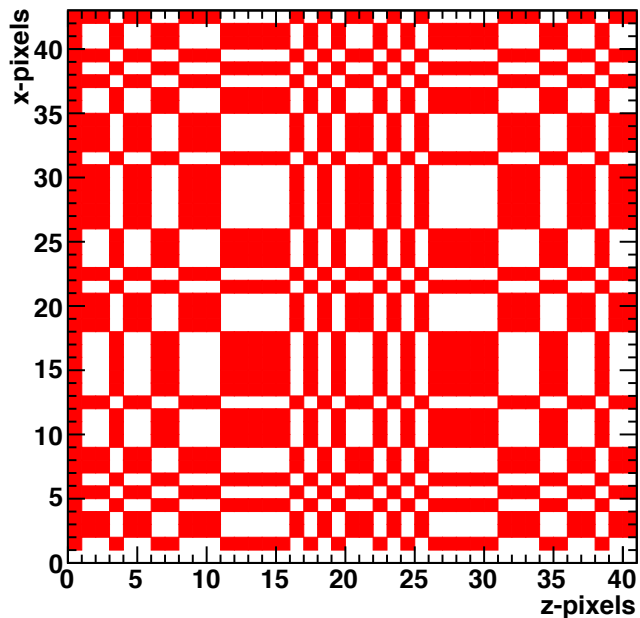
photons on the Hadamard matrix



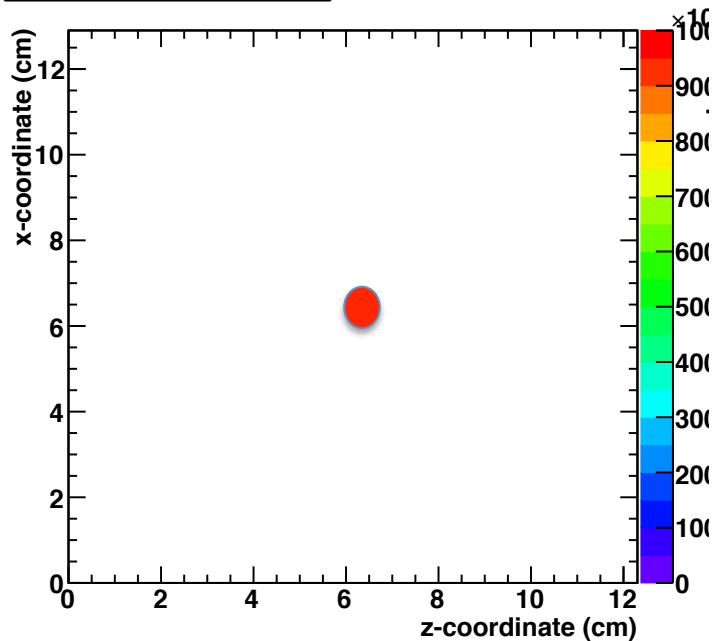
photons on the SiPM layer



Hadamard matrix 41x43

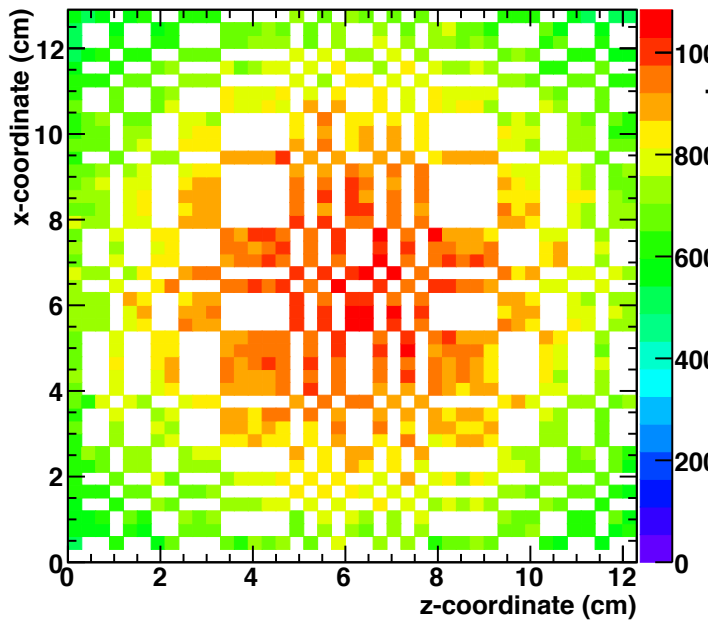


track in the x-z plane

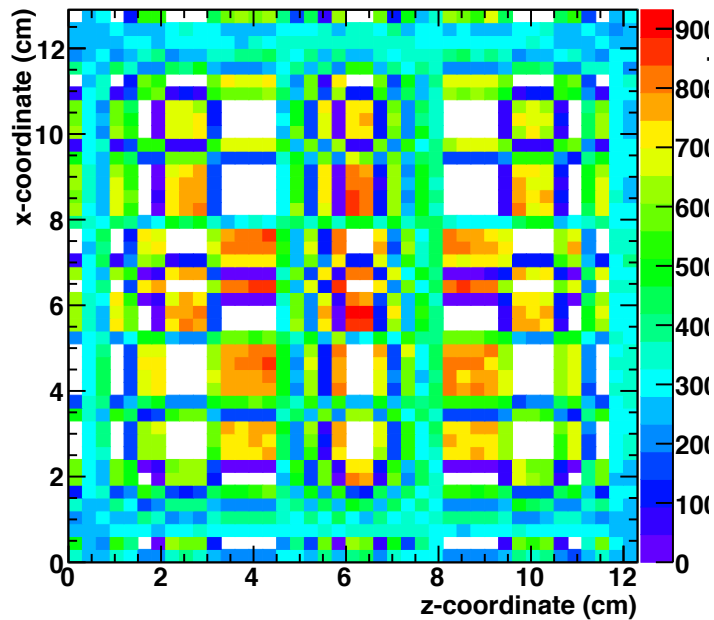


**a = 11.9 cm**

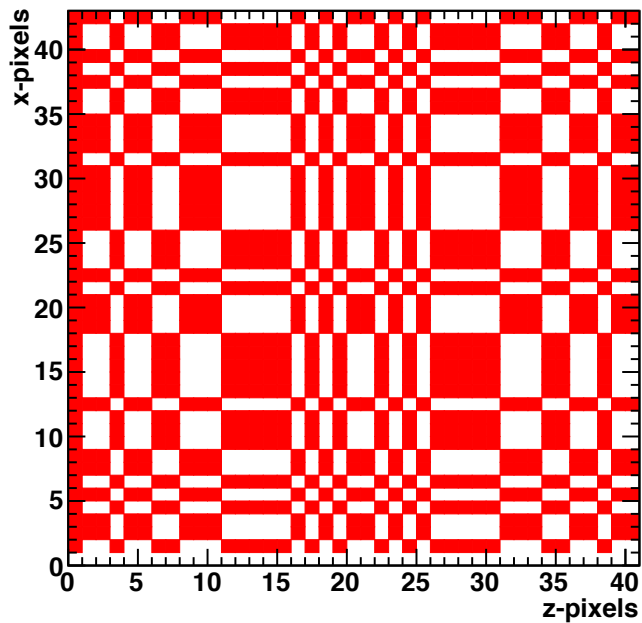
photons on the Hadamard matrix



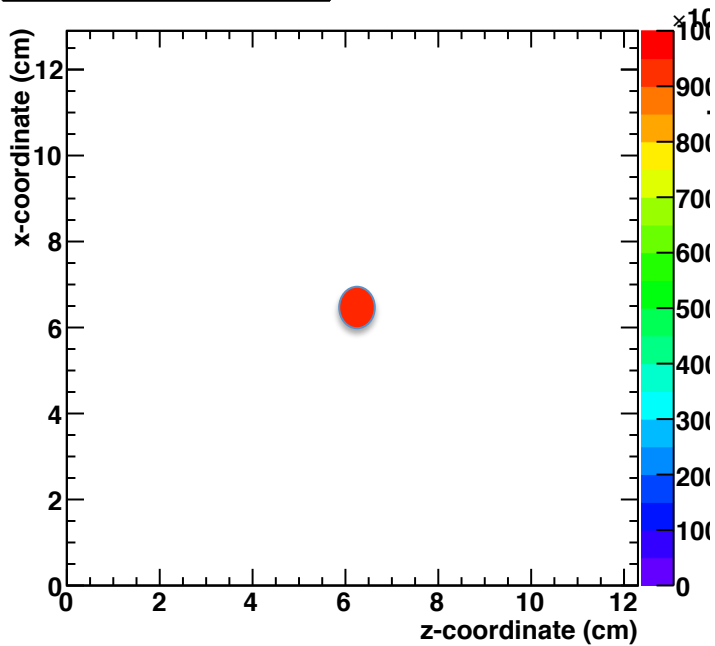
photons on the SiPM layer



Hadamard matrix 41x43

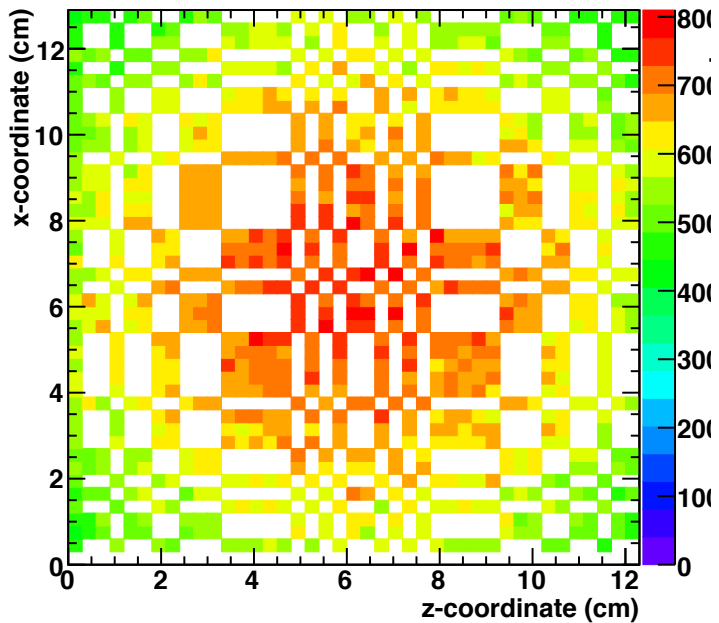


track in the x-z plane



$a = 13.9 \text{ cm}$

photons on the Hadamard matrix



photons on the SiPM layer

