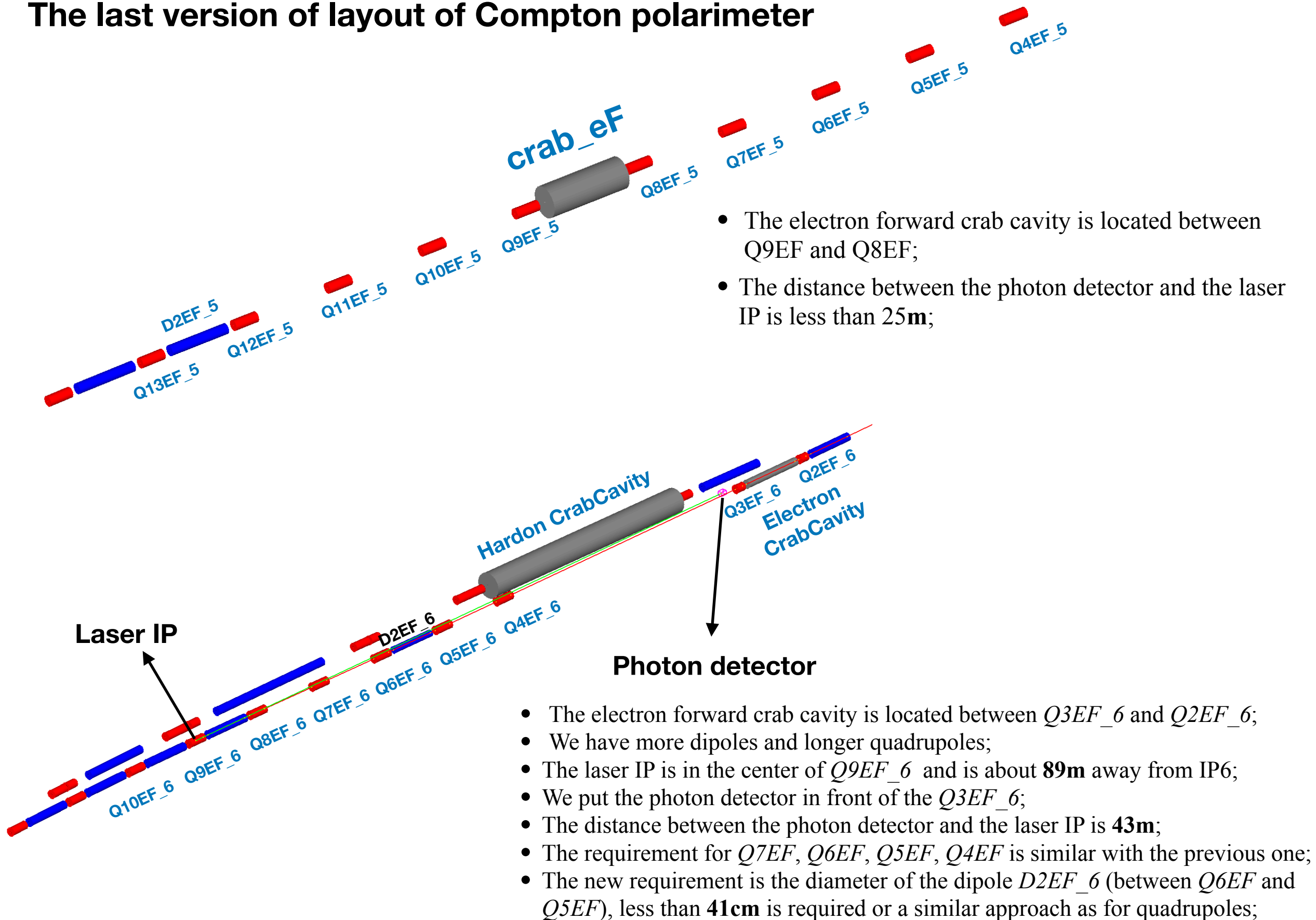

The Compton polarimeter in IR6

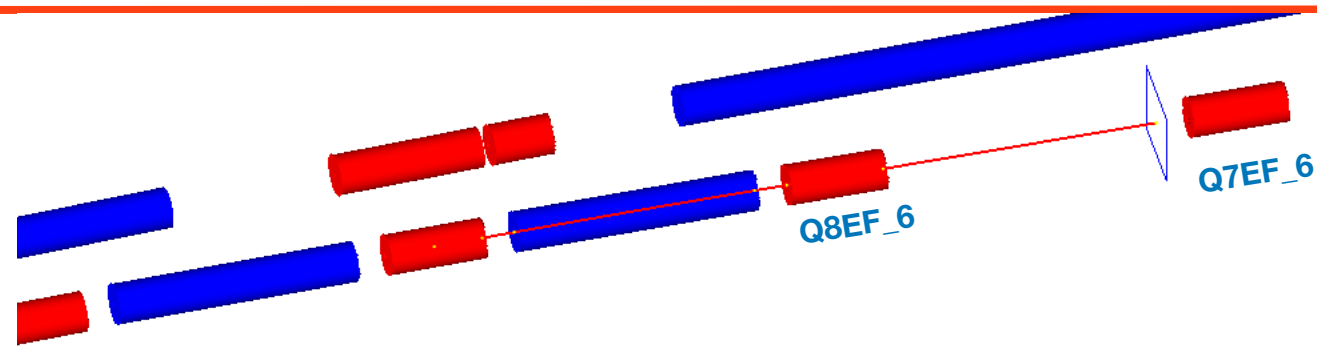
— — new electron forward layout

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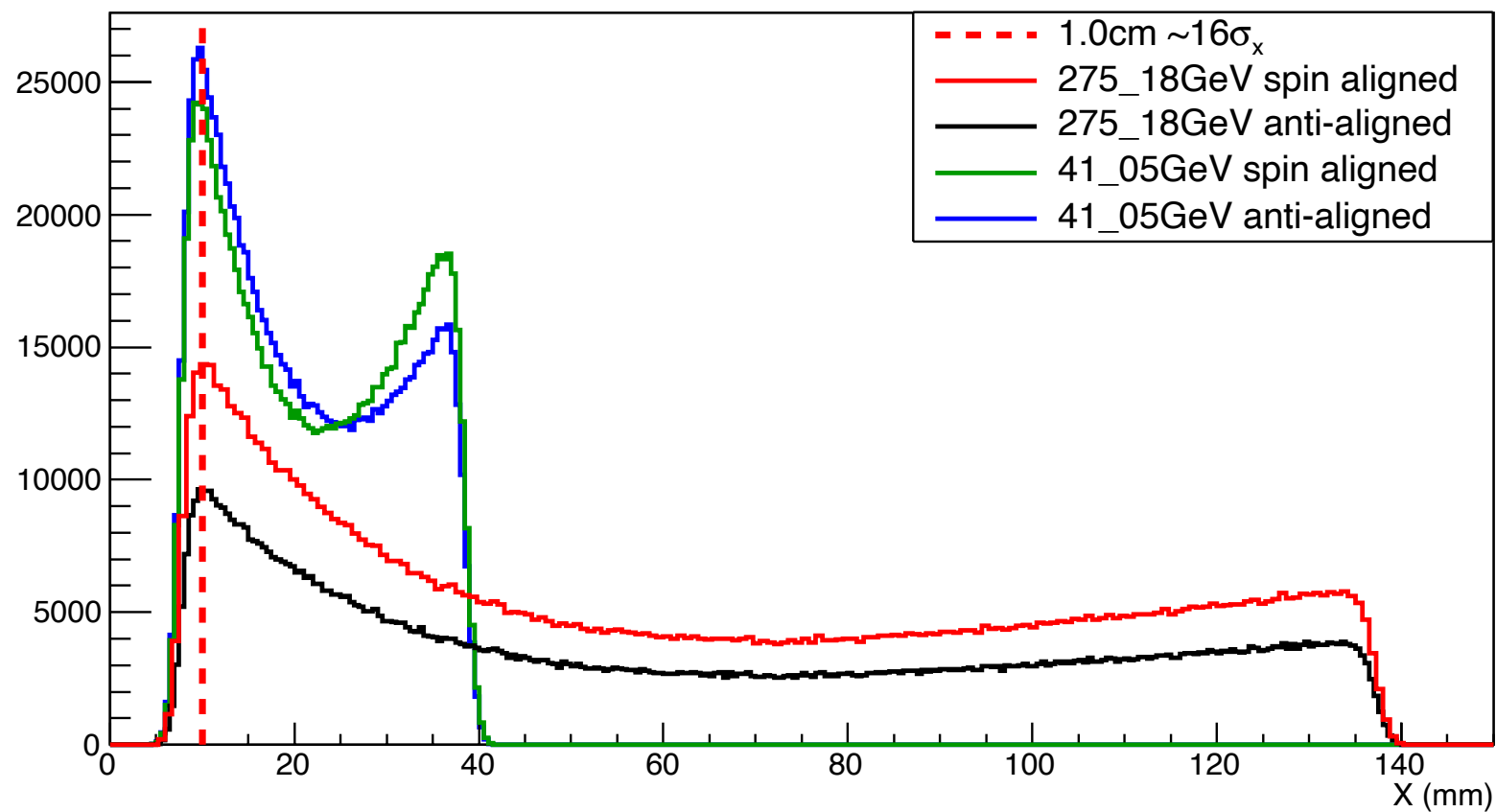
The last version of layout of Compton polarimeter



Recoiled electron detection



- Recoil electron detector is located in front of Q7EF_6;
- The beam size in X between Q8EF_6 and Q7EF_6 is about 600 μm ;
- If we can detect electrons 1.0cm away from the beam line, the acceptance for recoil electrons is high (from 87% to 95% for different configurations);
- This latest layout might be the best one for the Compton polarimeter so far;



Thanks.
