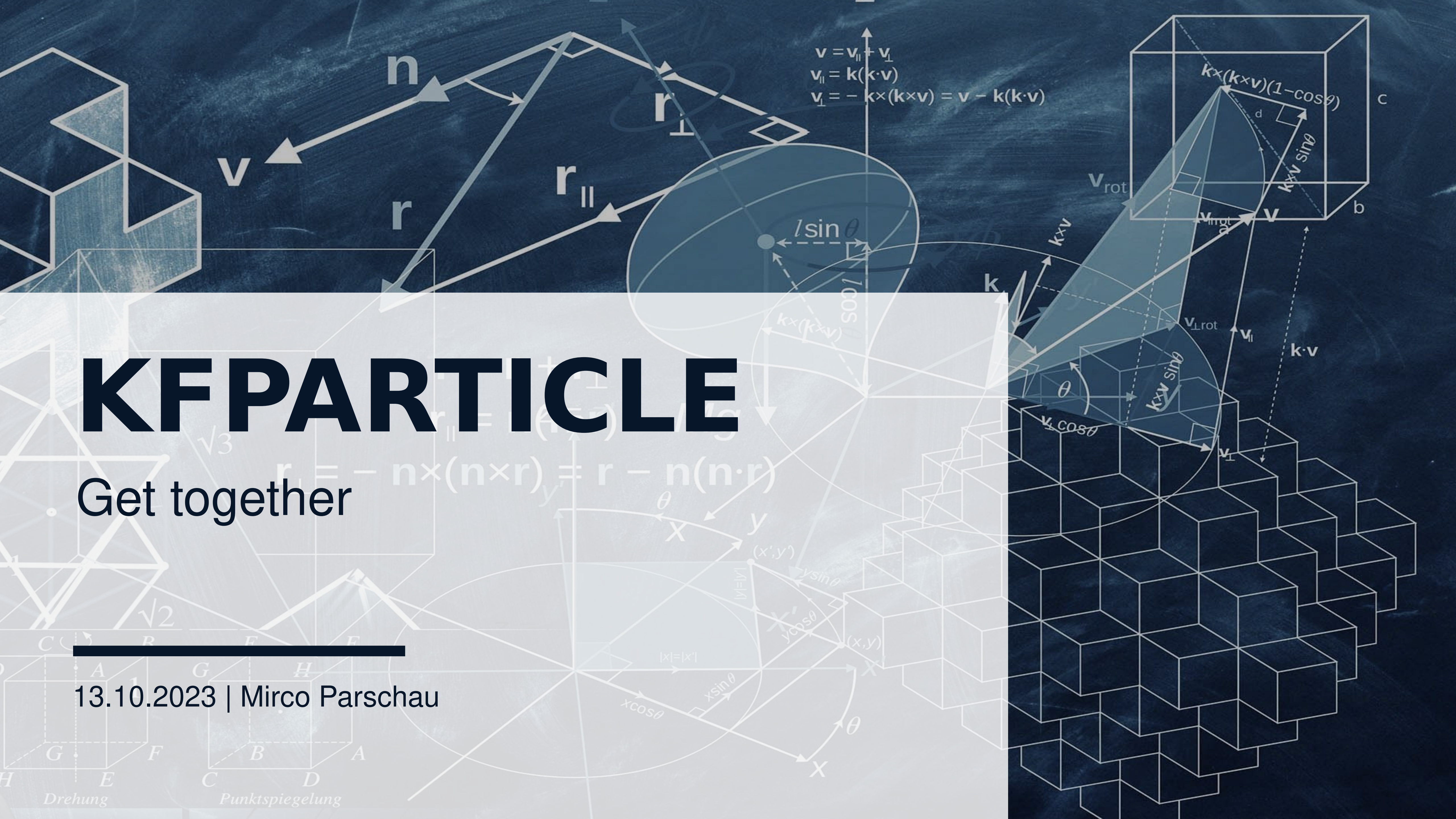


KFPARTICLE

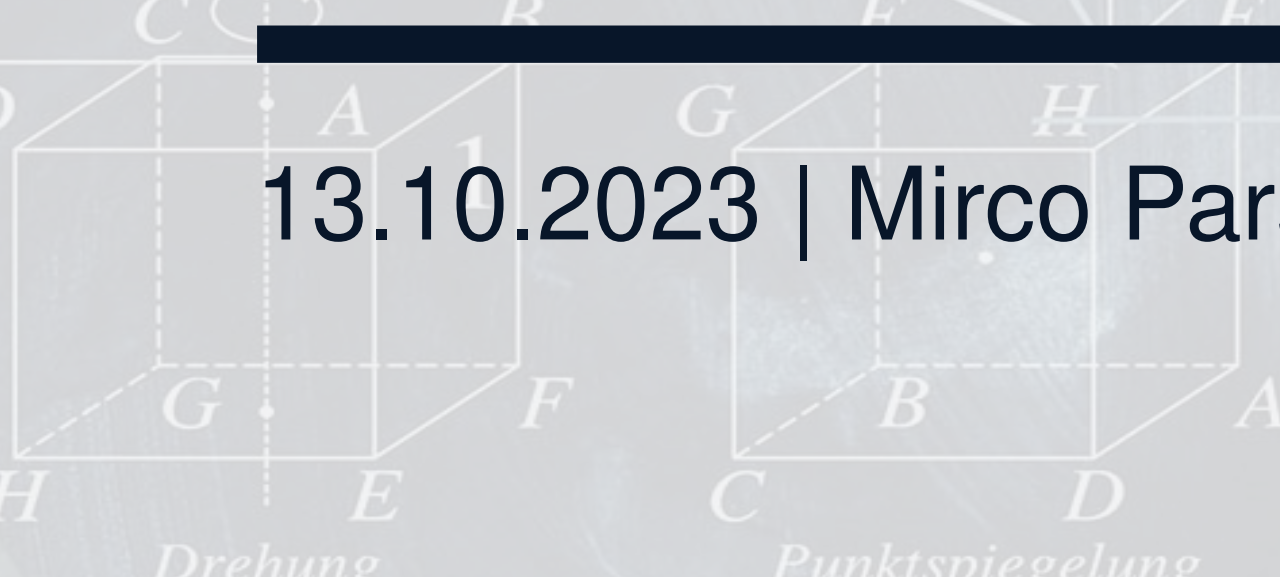
Get together

13.10.2023 | Mirco Parschau



$$\begin{aligned} \mathbf{v} &= \mathbf{v}_{\parallel} + \mathbf{v}_{\perp} \\ \mathbf{v}_{\parallel} &= \mathbf{k}(\mathbf{k} \cdot \mathbf{v}) \\ \mathbf{v}_{\perp} &= -\mathbf{k} \times (\mathbf{k} \times \mathbf{v}) = \mathbf{v} - \mathbf{k}(\mathbf{k} \cdot \mathbf{v}) \end{aligned}$$

$$\mathbf{r}_{\perp} = -\mathbf{n} \times (\mathbf{n} \times \mathbf{r}) = \mathbf{r} - \mathbf{n}(\mathbf{n} \cdot \mathbf{r})$$

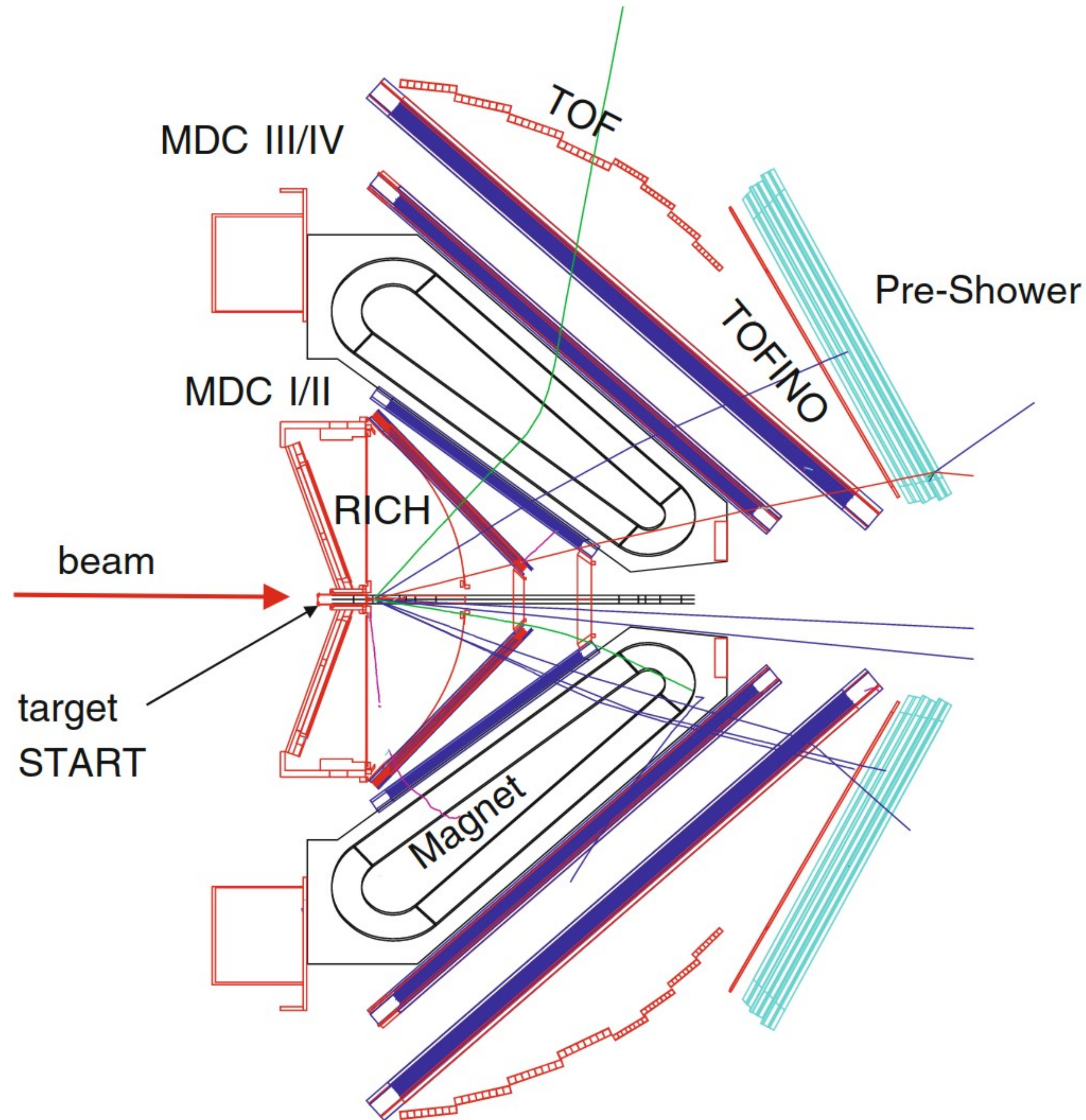


HADESgeometry

Tracking

KFP application

Wishlist/Needs



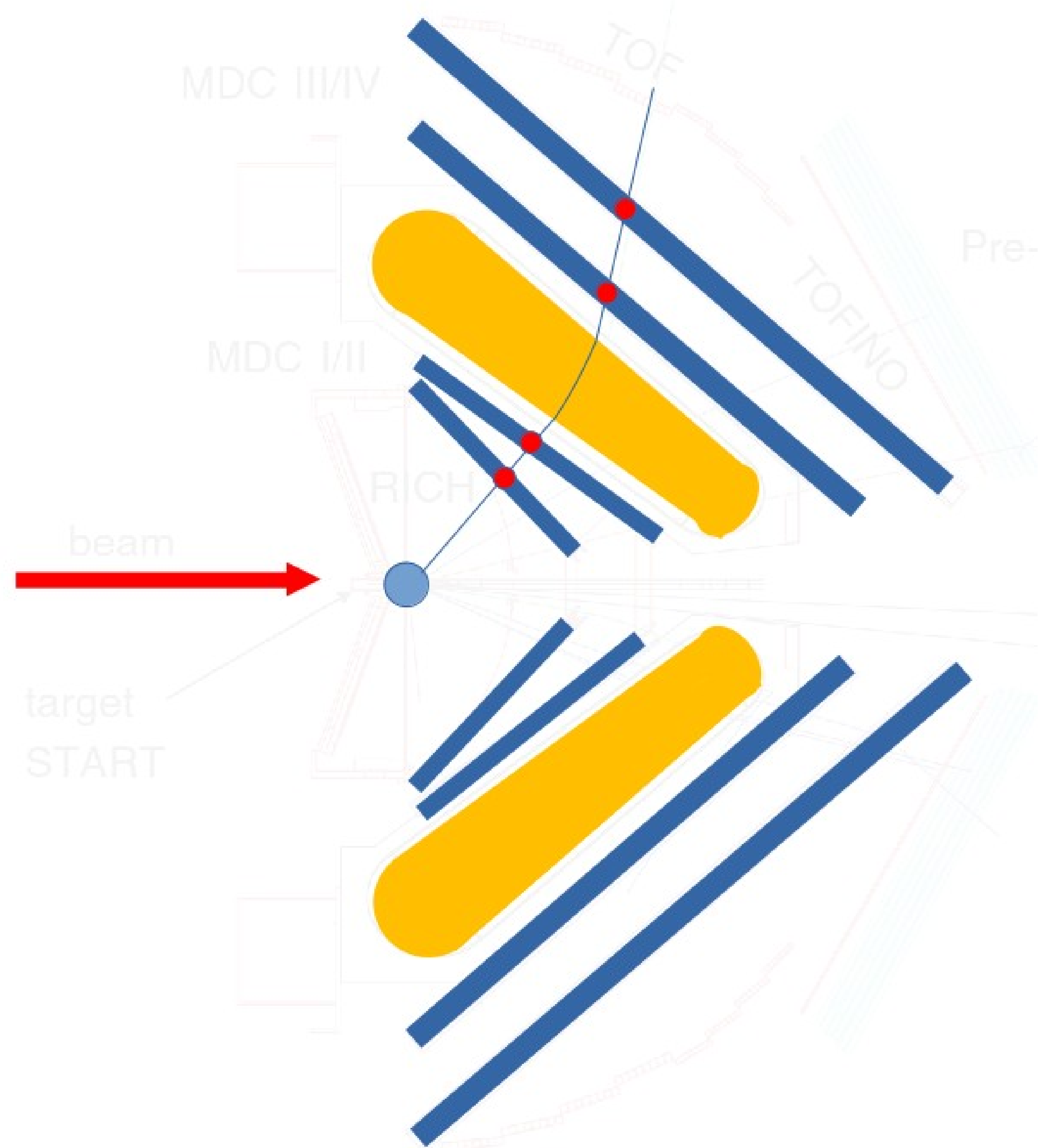
HADESgeometry

Tracking

KFP application

Wishlist/Needs

1. Candidate search
2. Cubic Spline
3. Runge Kutta
4. Kalman Filter



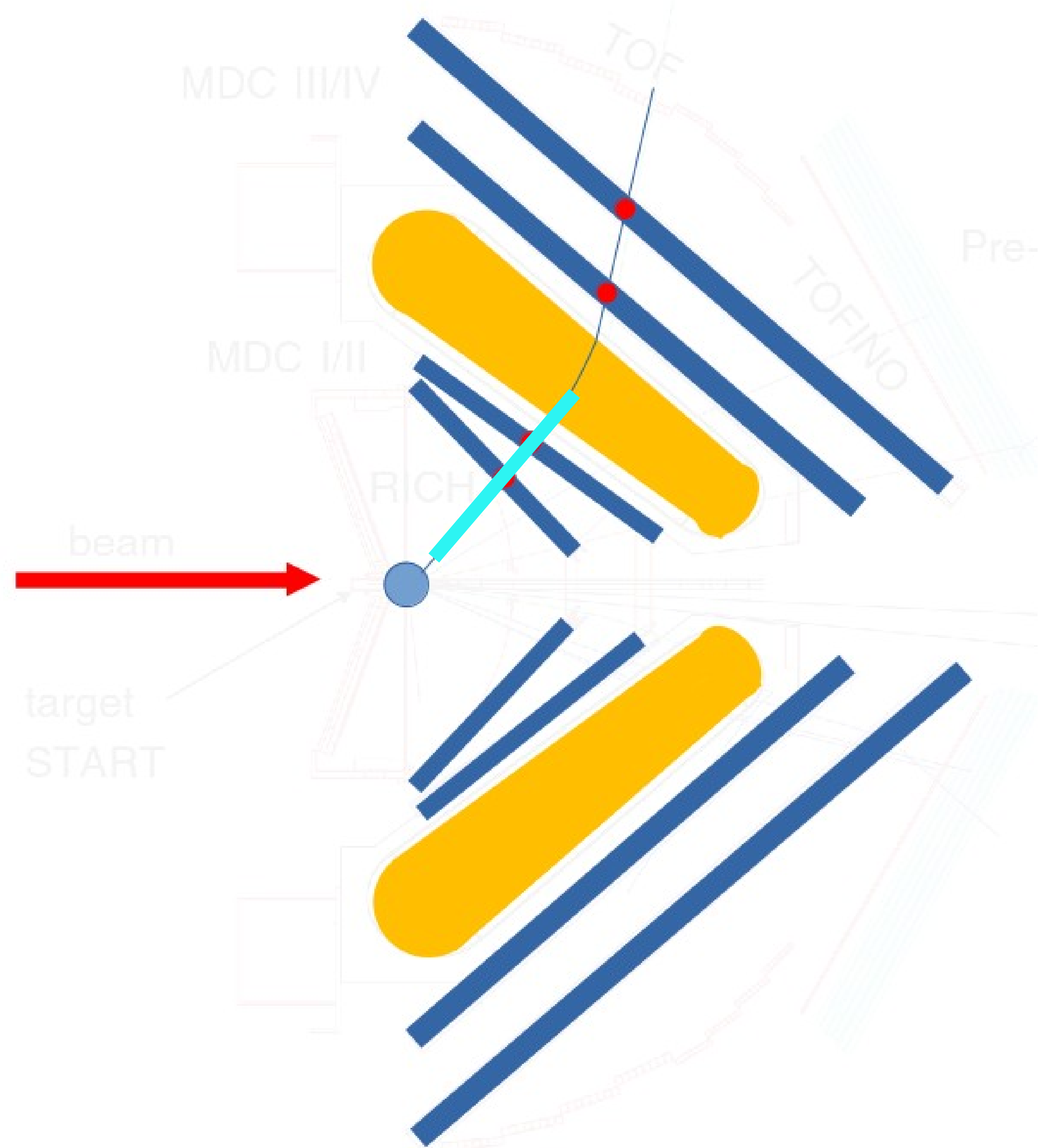
HADESgeometry

Tracking

KFP application

Wishlist/Needs

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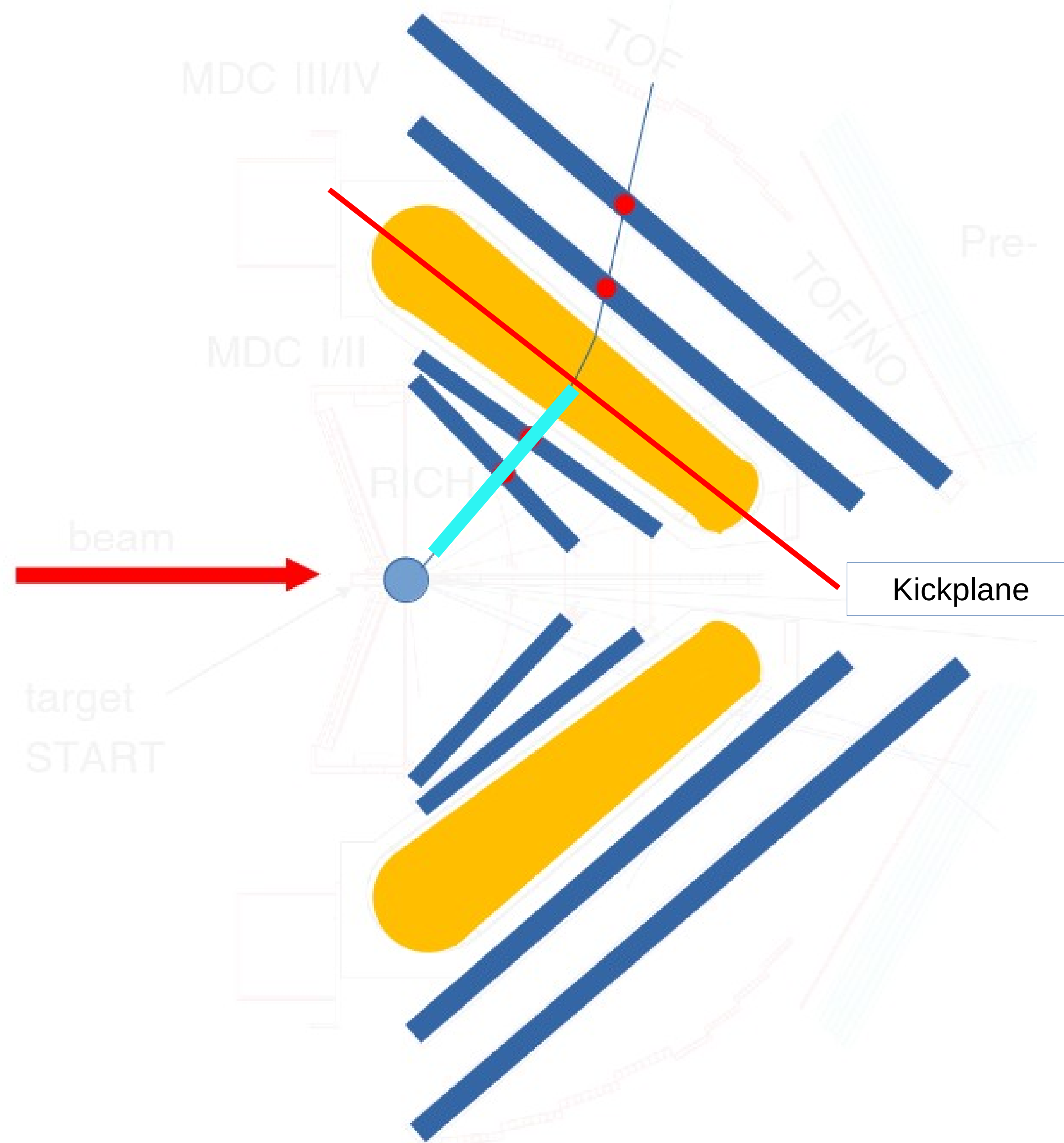
HADESgeometry

Tracking

KFP application

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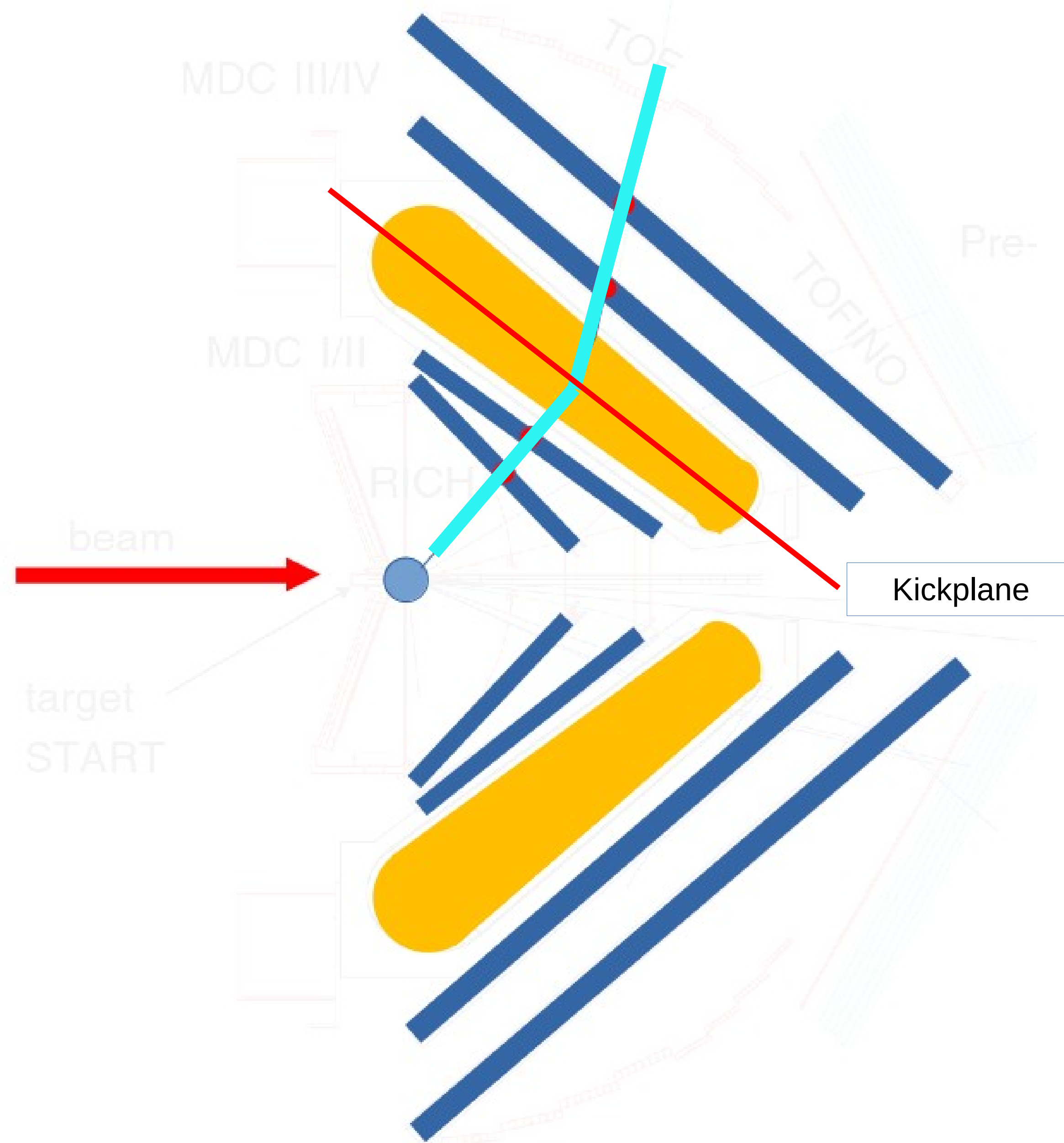
HADESgeometry

Tracking

KFP application

Wishlist/Needs

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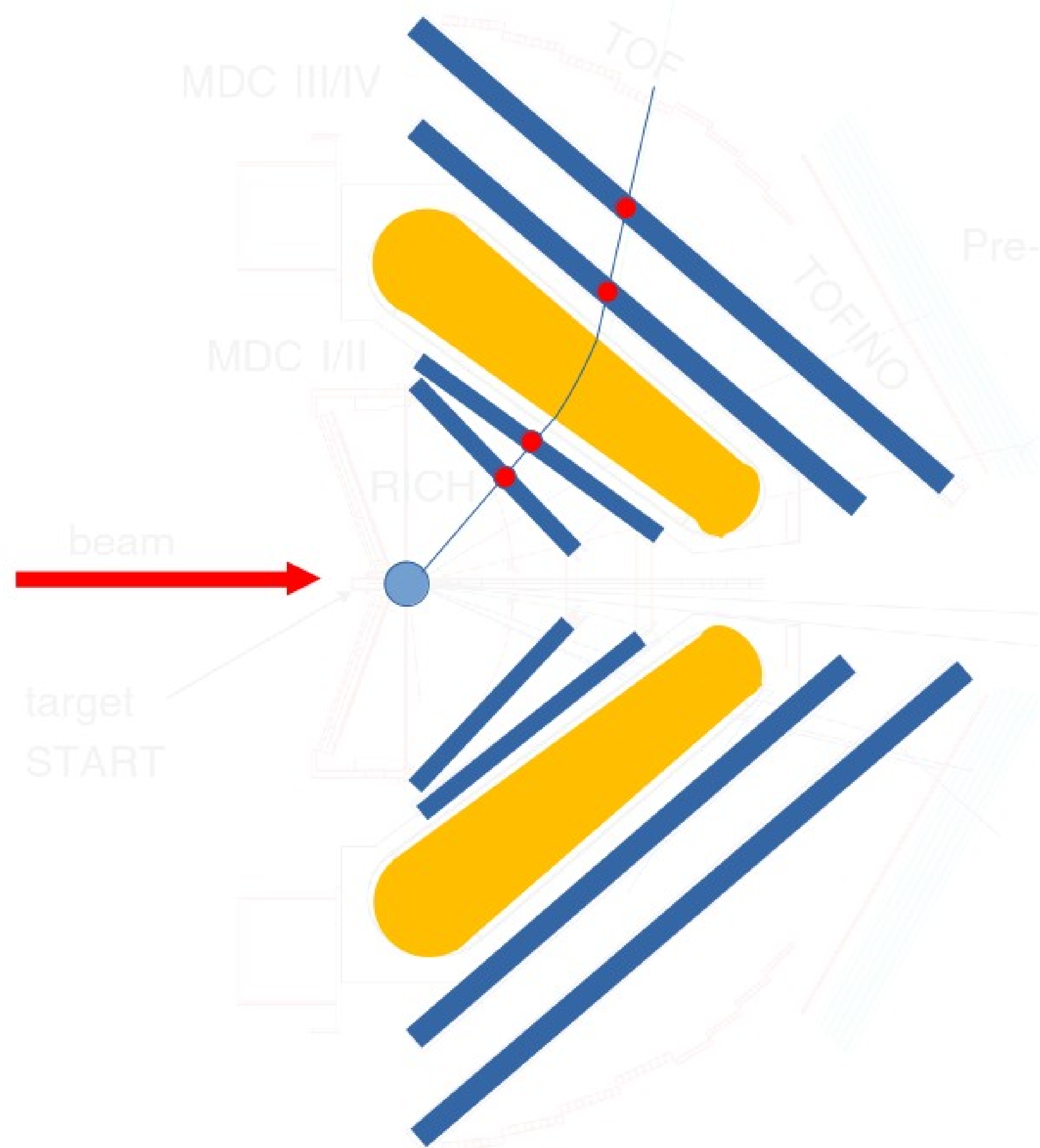
HADESgeometry

Tracking

KFP application

Wishlist/Needs

1. Candidate search
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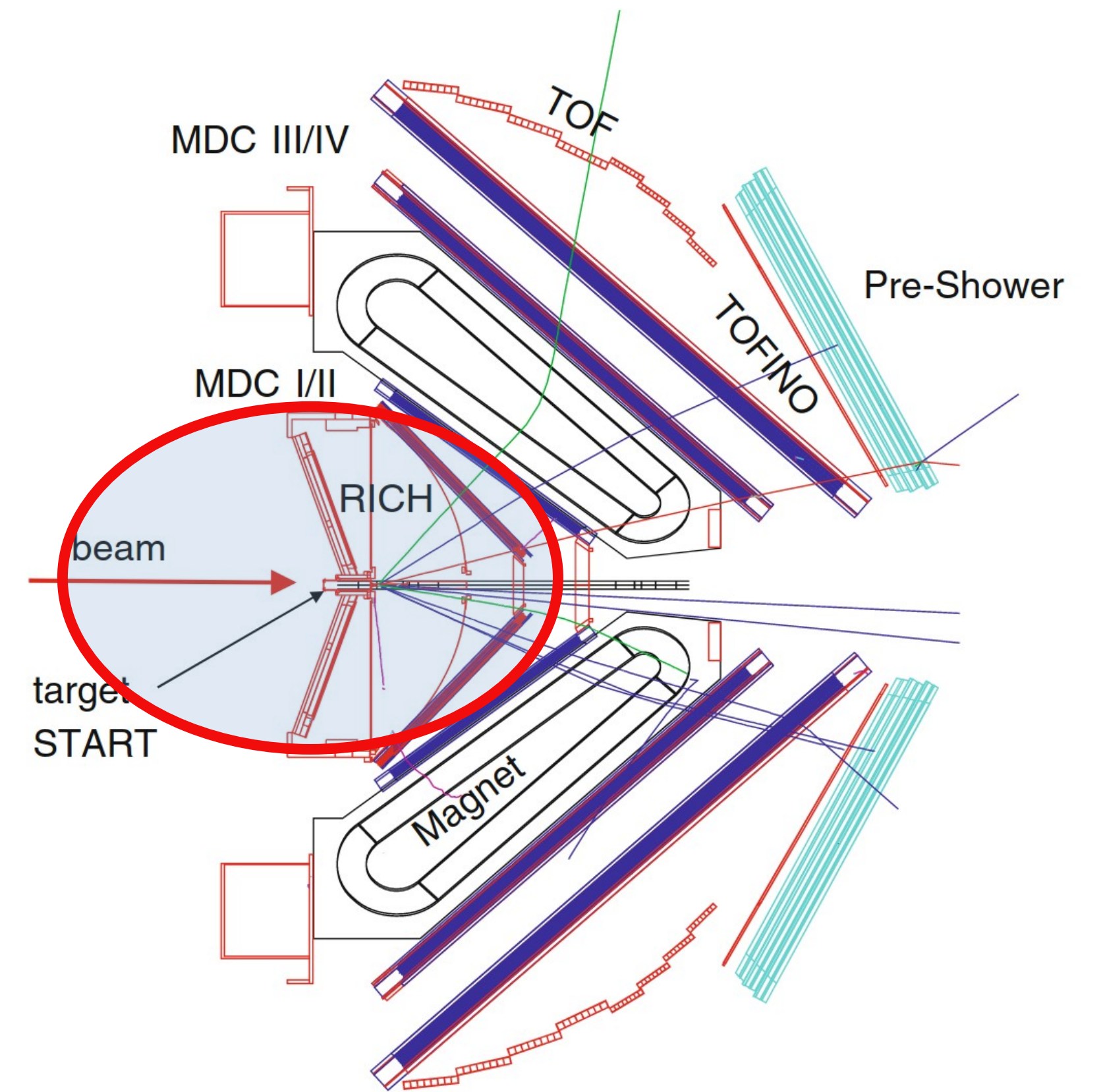
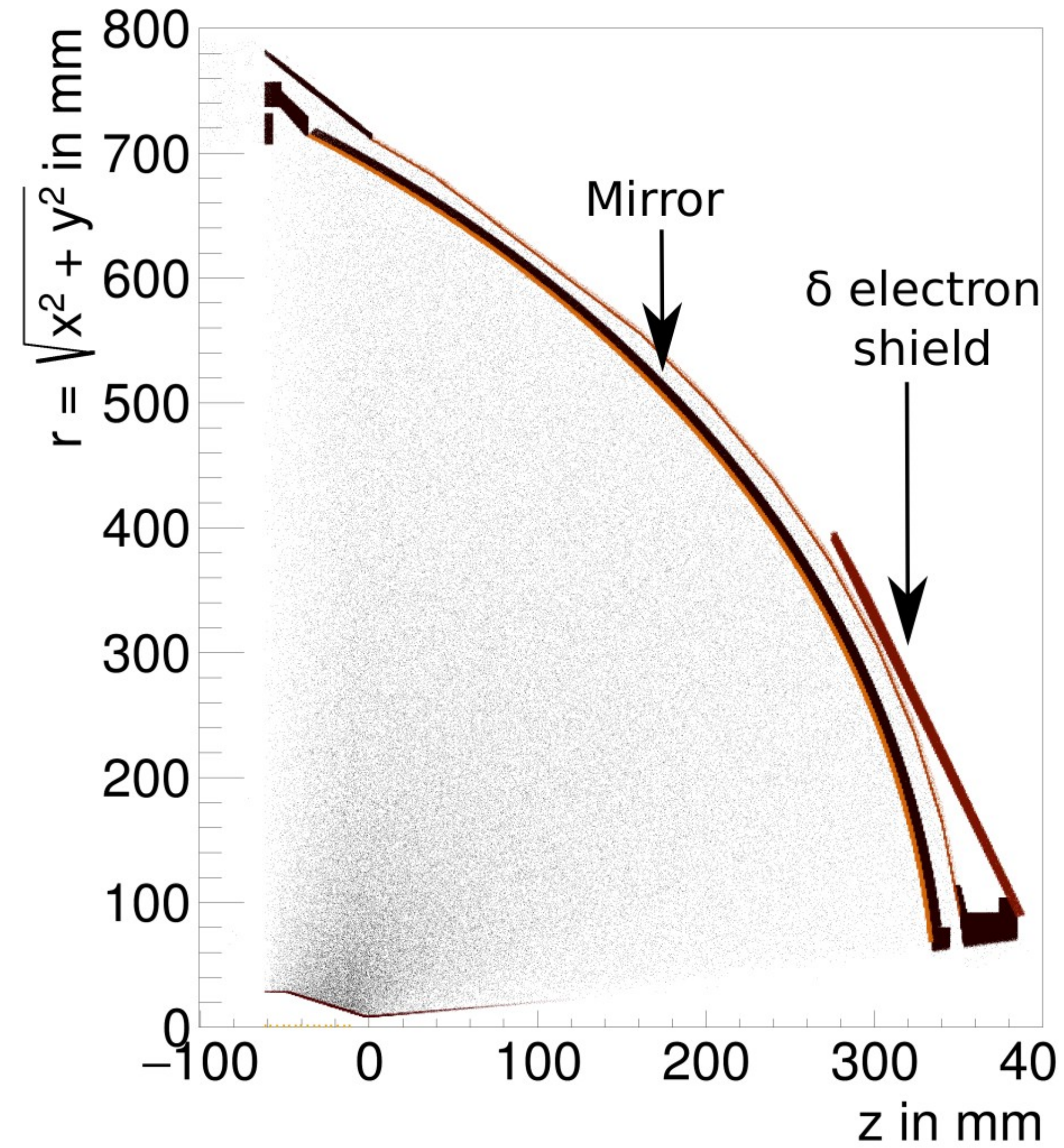
HADESgeometry

Tracking

KFP application

Wishlist/Needs

Material map between target and MDC I



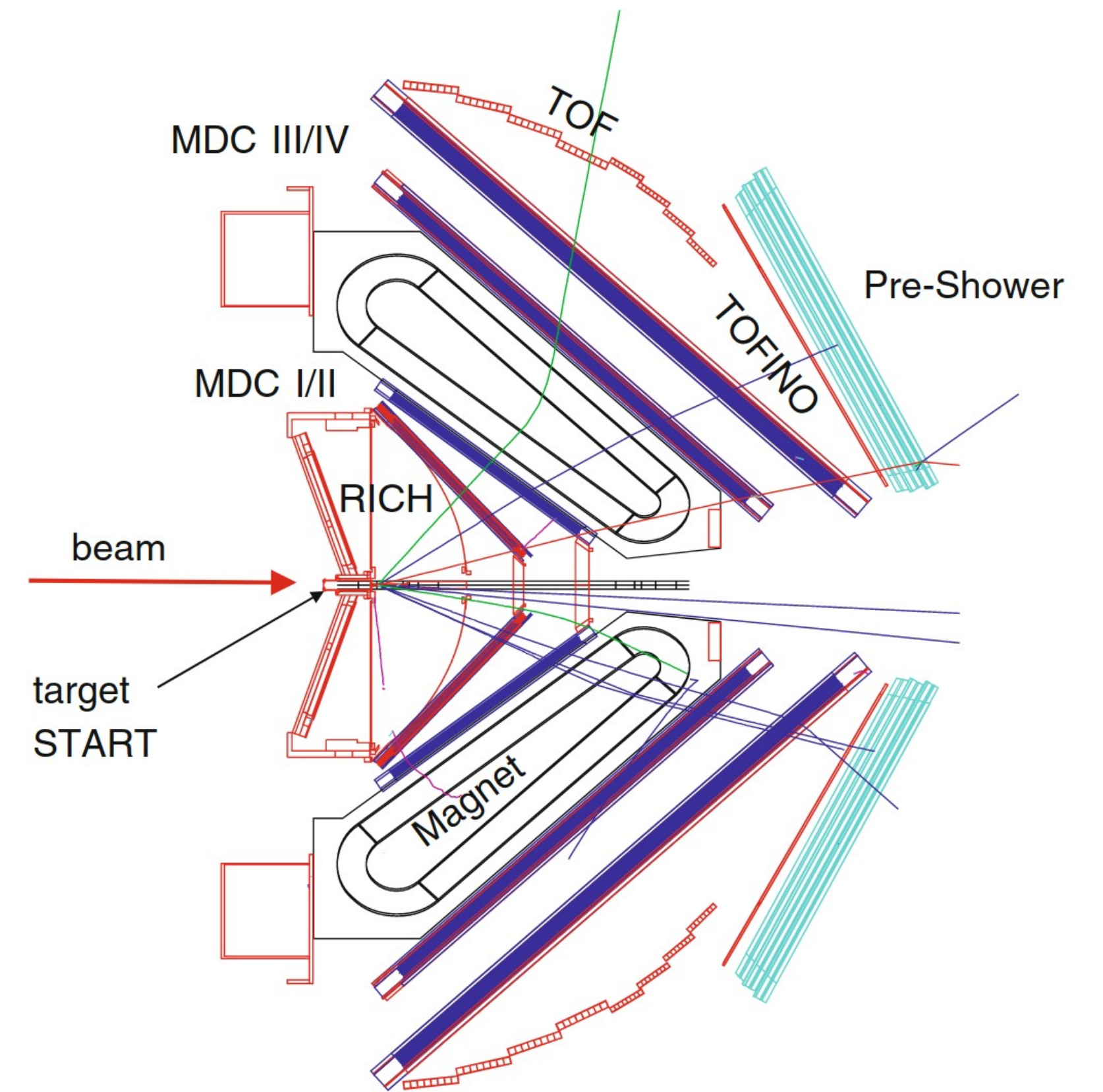
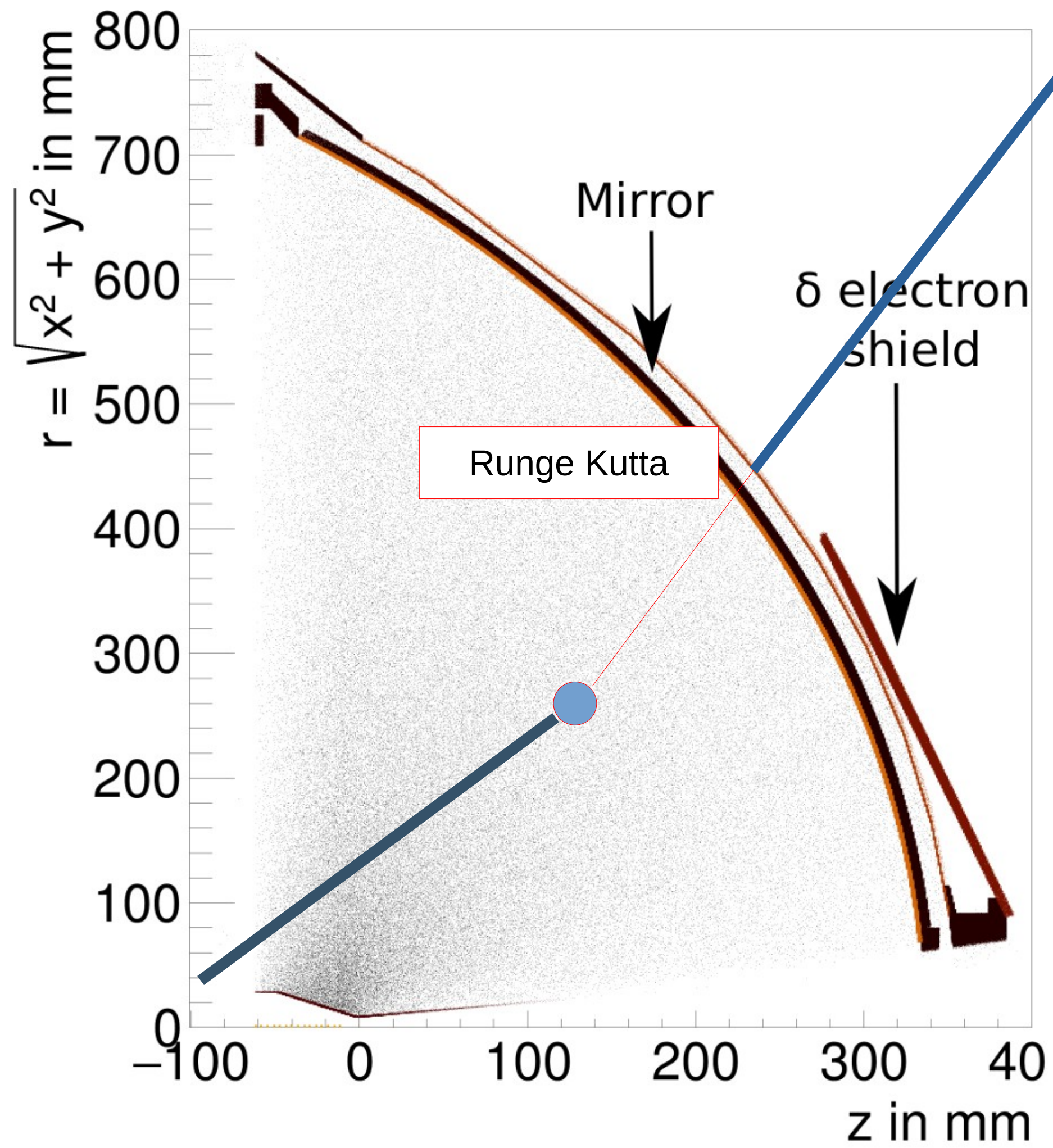
HADESgeometry

Tracking

KFP application

Wishlist/Needs

Material map between target and MDC I

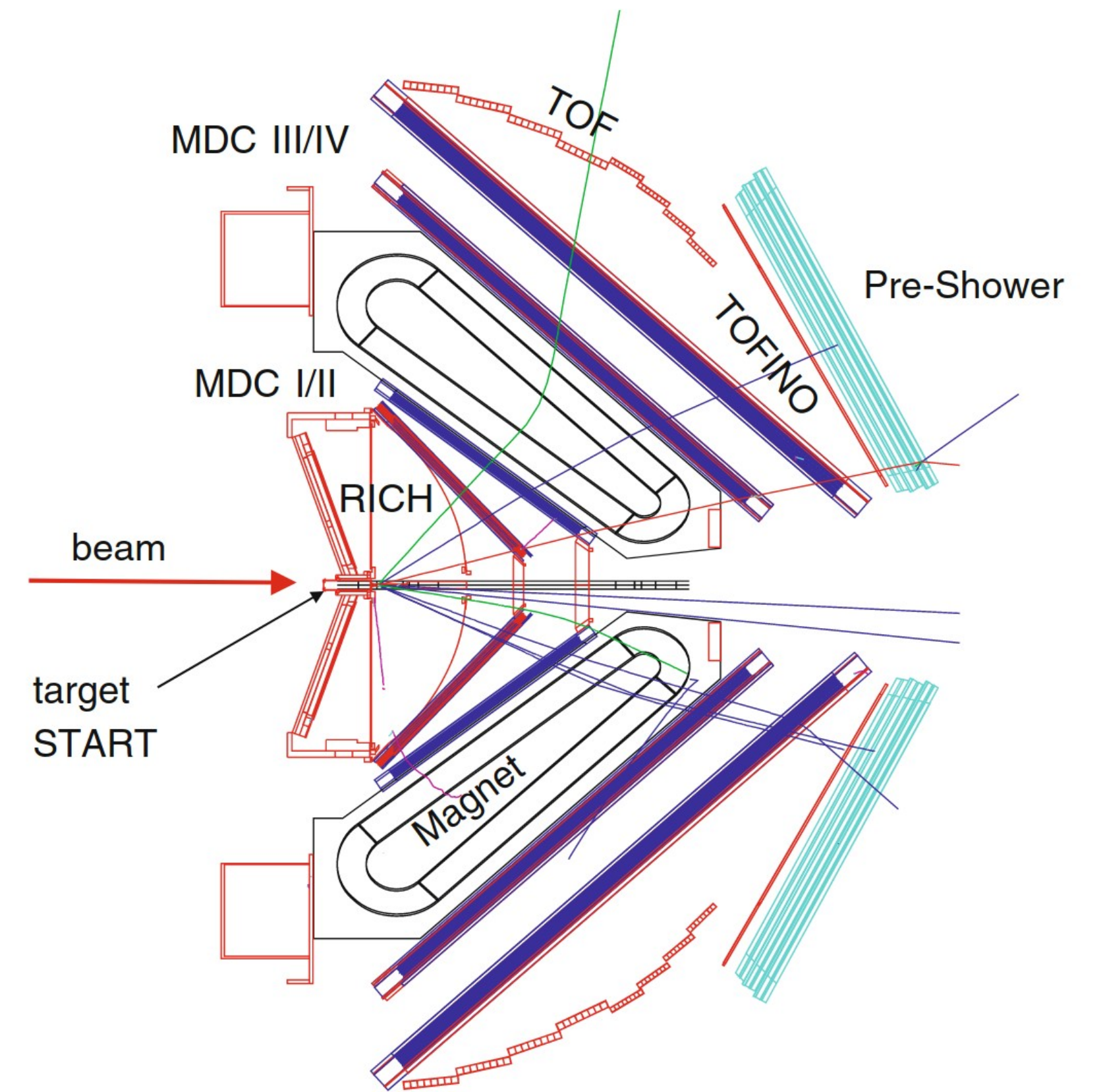
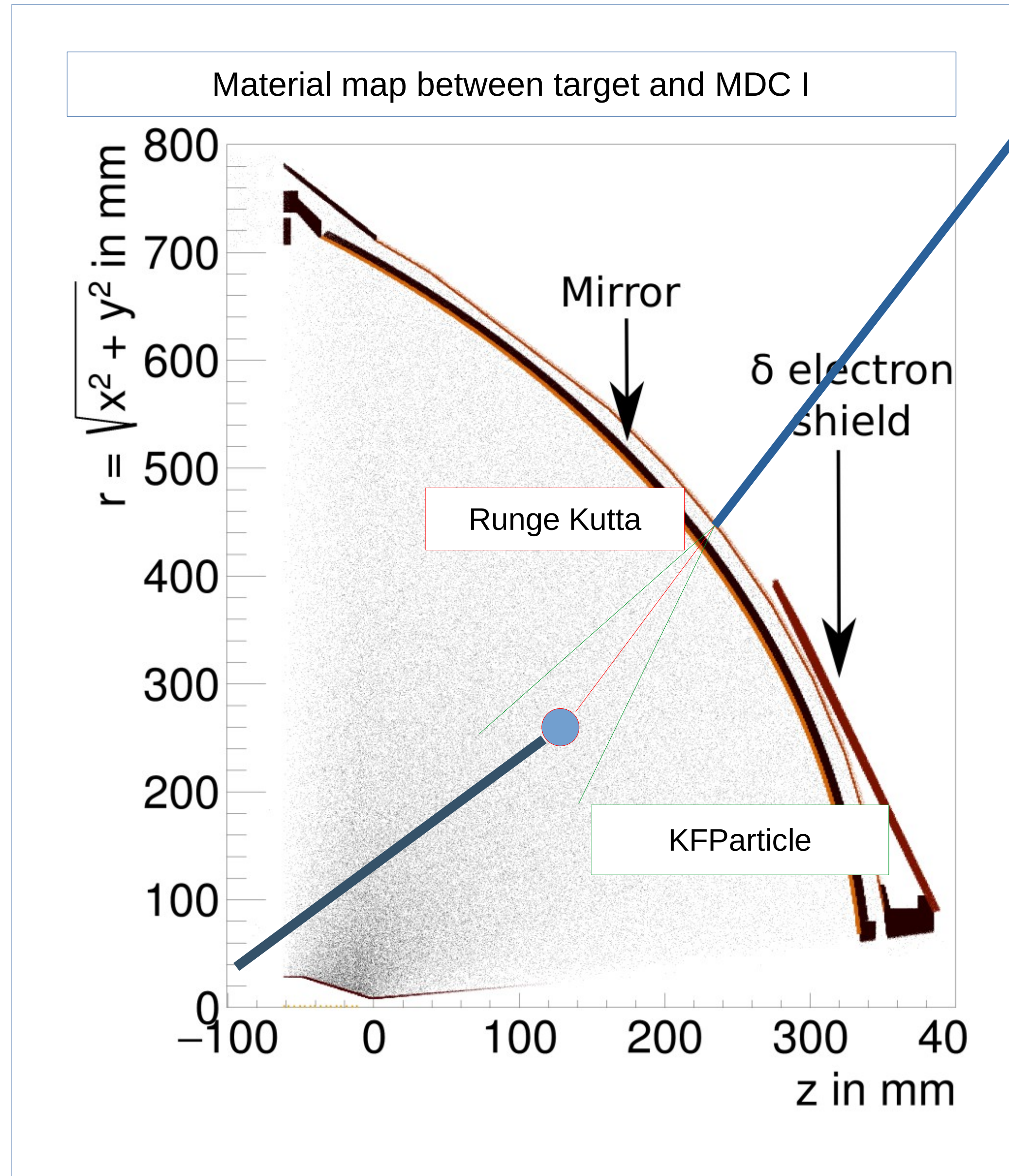


HADESgeometry

Tracking

KFP application

Wishlist/Needs



HADESgeometry

Tracking

KFP application

Wishlist/Needs

1. Documentation

2. Know which options can be used for reconstruction

3. Quality assessment

4. Contact person/user community/workshops

Thank you for your attention!

