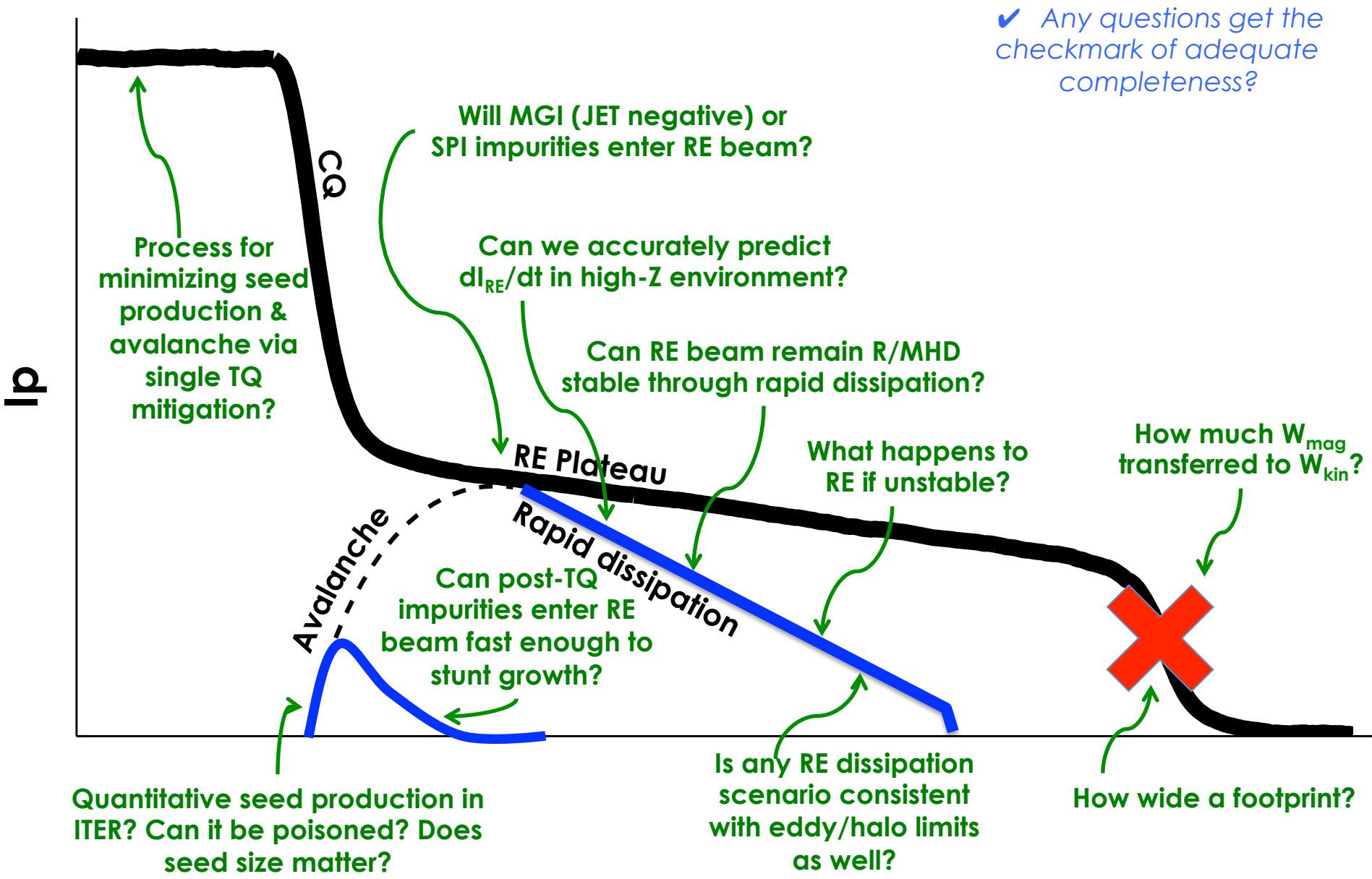
ITPA MDC-23: Formation, Suppression, and Mitigation of Runaway Electrons During Disruptions

- **Ideally, MDC-23 will serve as an organizing force for international studies on RE physics, *with the clear goal of accurately predicting RE behavior and mitigation in ITER***

- **However, given broad mandate, over-extension can lead to lack of depth**

- **Hence, first task is to engage community to gain consensus on:**
    1. Where do we possess adequate predictive understanding?
    2. What are most critical gaps?
    3. What analytical/modeling tools are necessary to fill those gaps?
    4. Who are the most expert parties to pursue specific gaps?
    5. What experimental data is most valuable to verify understanding?

ITER RE scenario questions: Which of these are fully understood? What questions are missing here, or better phrased? Who is best suited to pursue open questions, or what tools must be developed if nobody can?



How to proceed from here?

- We encourage everybody (including those not usually associated with ITPA activities) to participate in the specification and execution of this activity

- Ideally, we will schedule regular light-weight discussions or offline updates to set/review priorities and maintain cognizance of and direction to research (instead of simply reporting on disparate activities every 6 months at ITPA)

- Please contact Bob Granetz (chair, granetz@mit.edu) or Nick Eidietis (eidietis@fusion.gat.com) if you would like to actively participate (or know others who would be valuable to contact)