

Guidelines for Reproducing TDR Plots

1 Procedure

We agreed to archive the information necessary for reproducing the studies and associated figures included in the TDR. After evaluating various options, we selected a method that simplifies the procedure with minimal additional steps. For reproducing the detector and physics studies, we will use GitHub repositories, subject to the following requirements:

- These repositories must be accessible to all members of the collaboration.
- Each figure in the TDR must include a direct link to its corresponding GitHub repository in the figure caption.
- Repositories must contain all scripts that begin with the primary data source to fully reproduce studies and figures. At least one Readme or a similar document should be provided, documenting the necessary steps for reproducing the studies and figures. For studies based on the ePIC simulation productions or geometry implementations, the scripts must use the centrally accessible data and geometry releases. If ancillary data are required, and they are not already accessible remotely, this data must be included in the repository.
- This approach may not be suitable for CAD drawings, Finite Element Analysis (FEA) studies, and other technical files. In these instances, the GitHub entry should include a description and contact information.

Additionally, the information necessary for reproducing the studies and figures will be copied into a dedicated repository to ensure archiving is consistent with major versions of the TDR.

2 Example

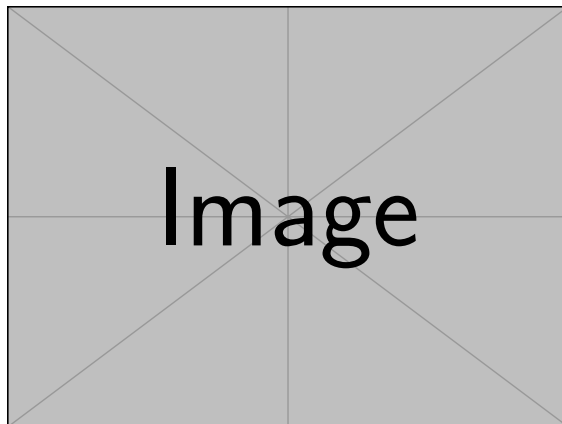


Figure 1: Figure caption with a link to the Repository.