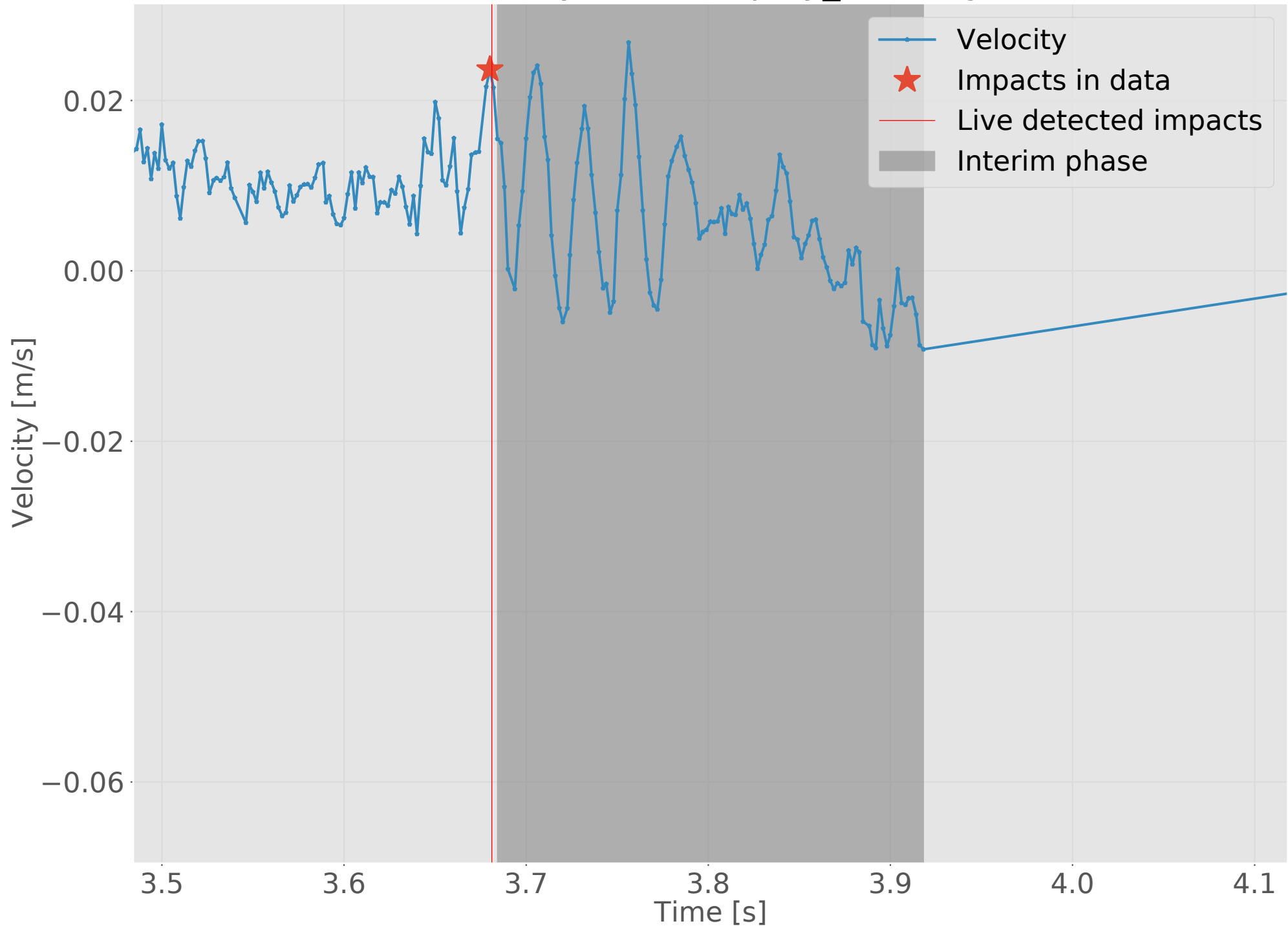
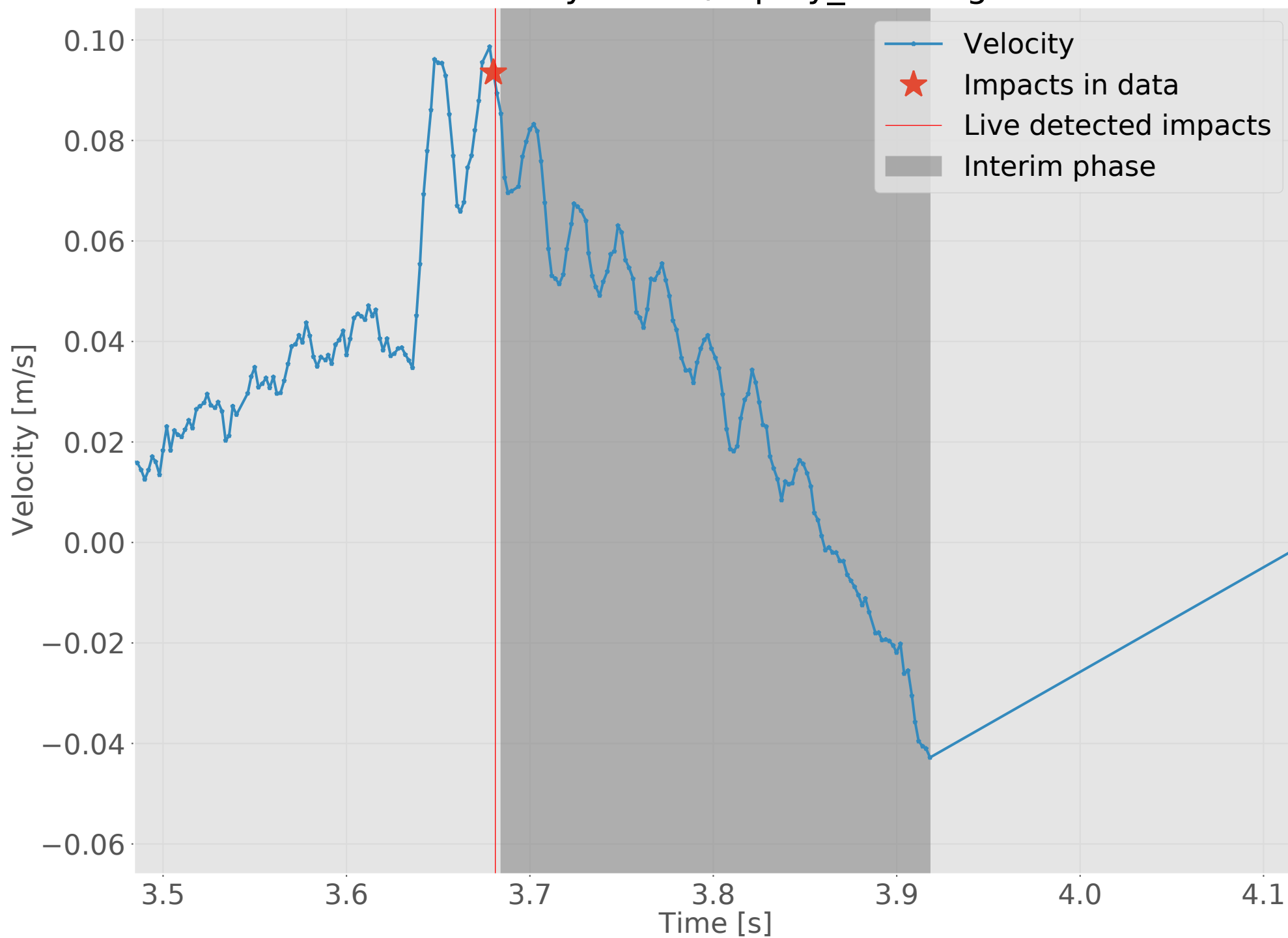


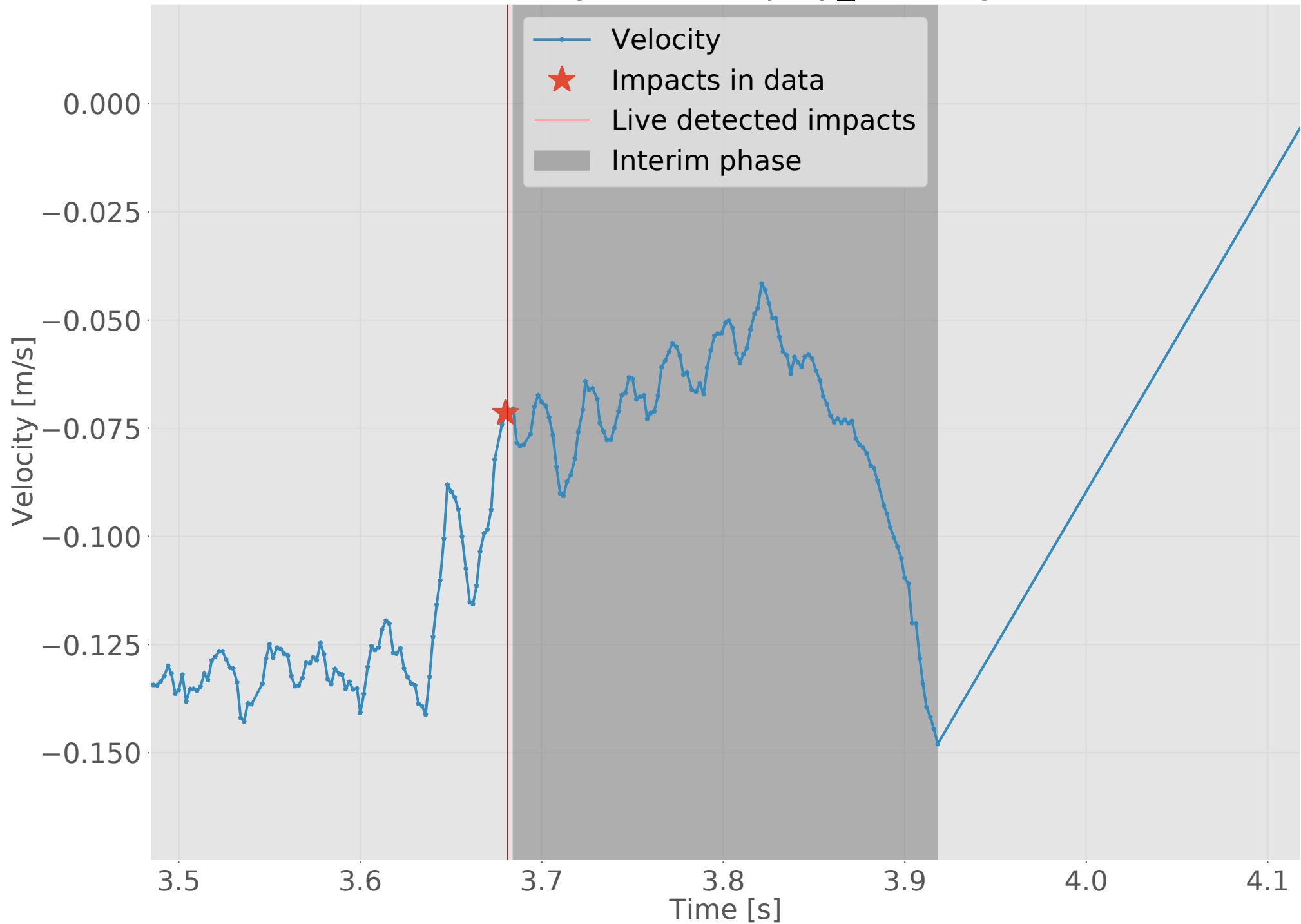
Velocity X data/replay\_test.bag



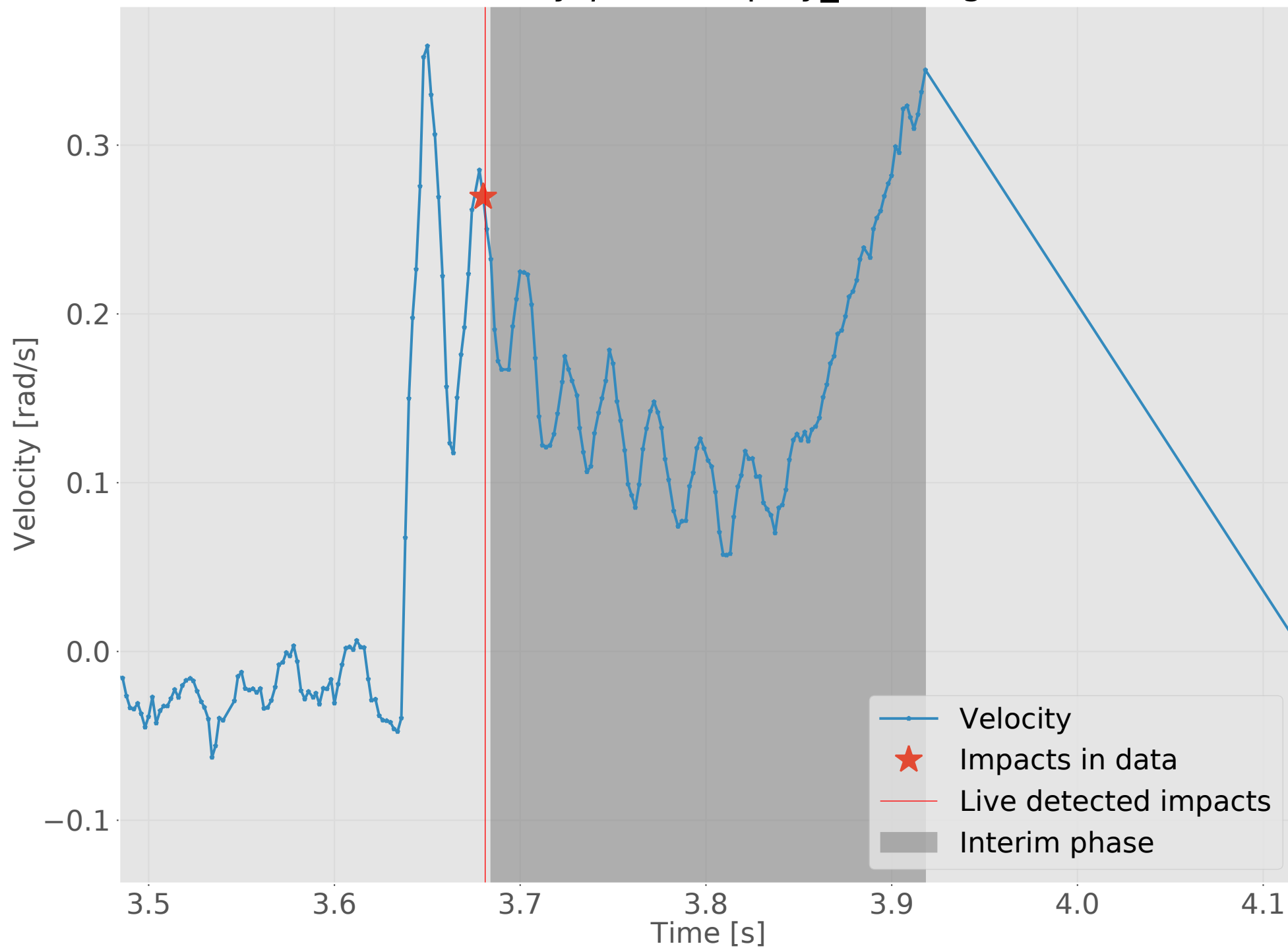
Velocity Y data/replay\_test.bag



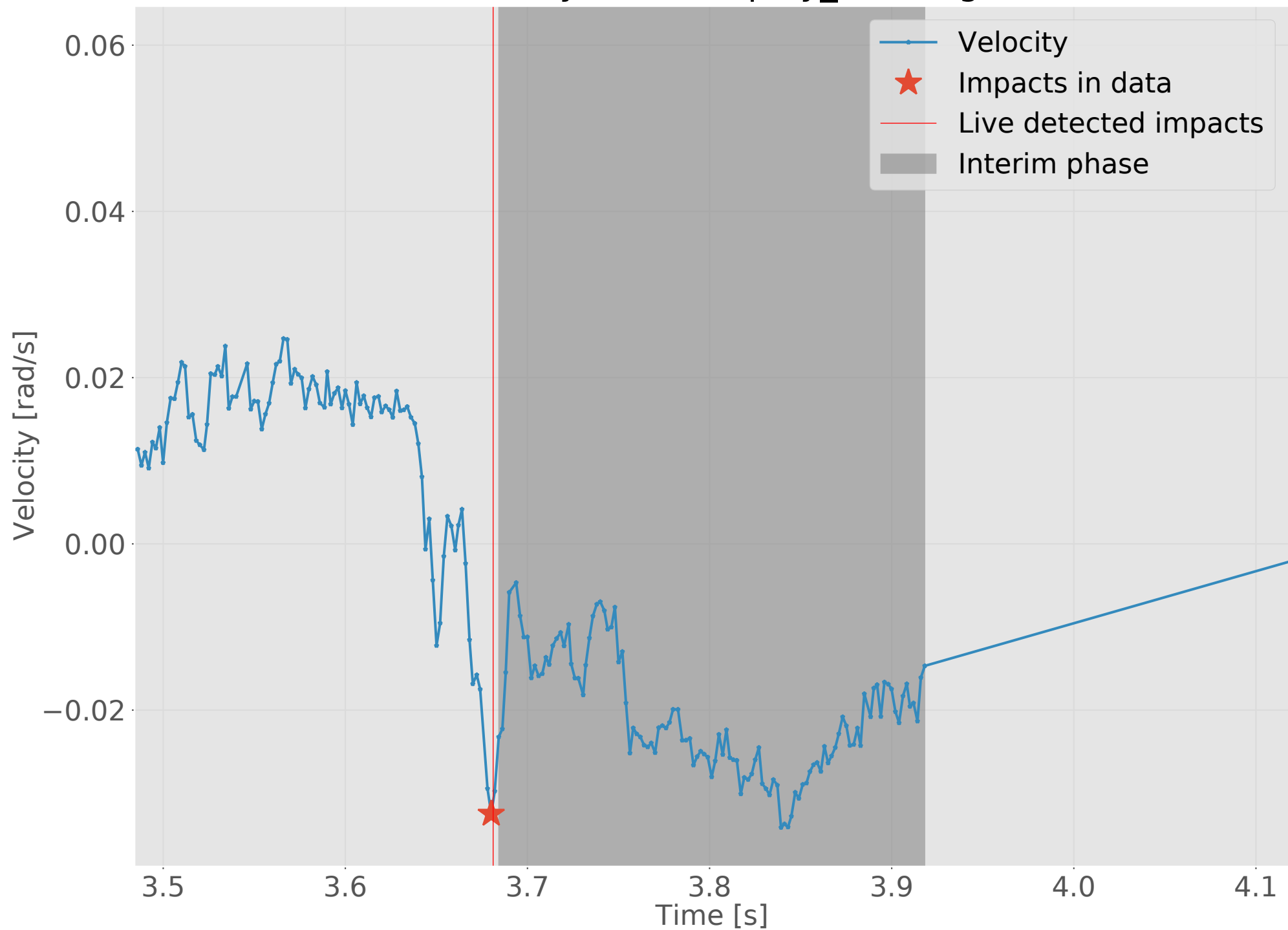
Velocity Z data/replay\_test.bag



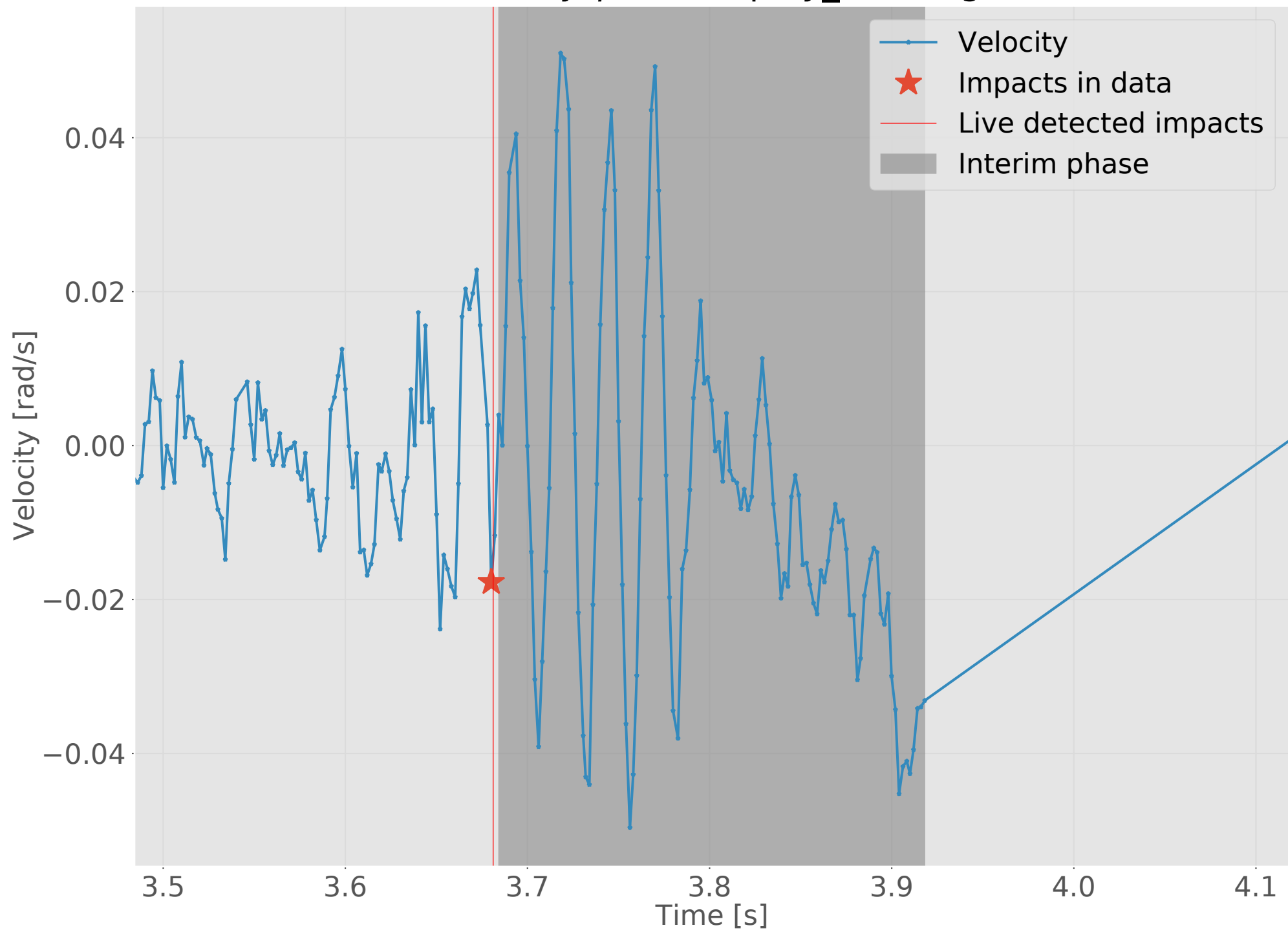
Velocity  $\phi$  data/replay\_test.bag



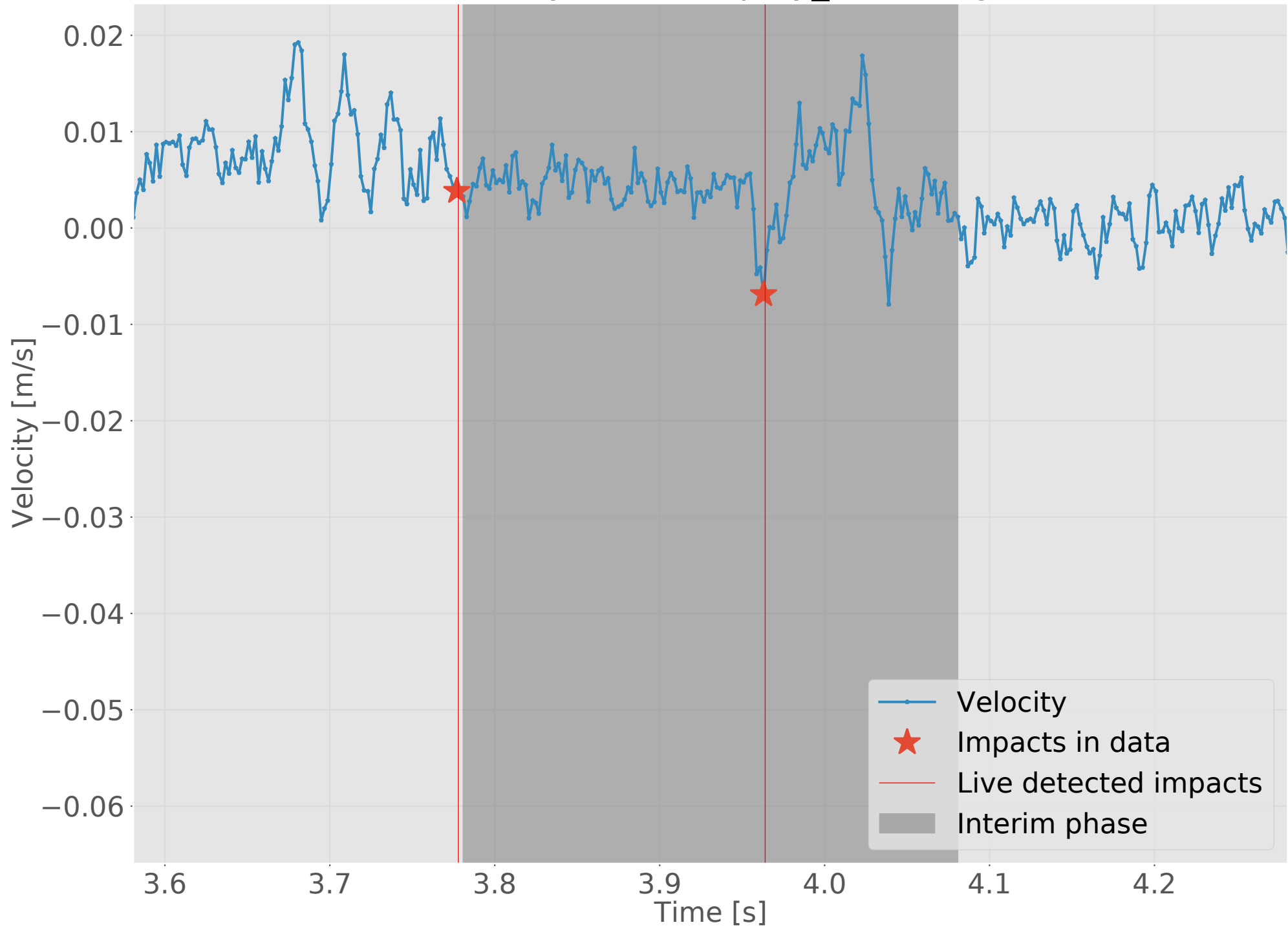
Velocity  $\theta$  data/replay\_test.bag



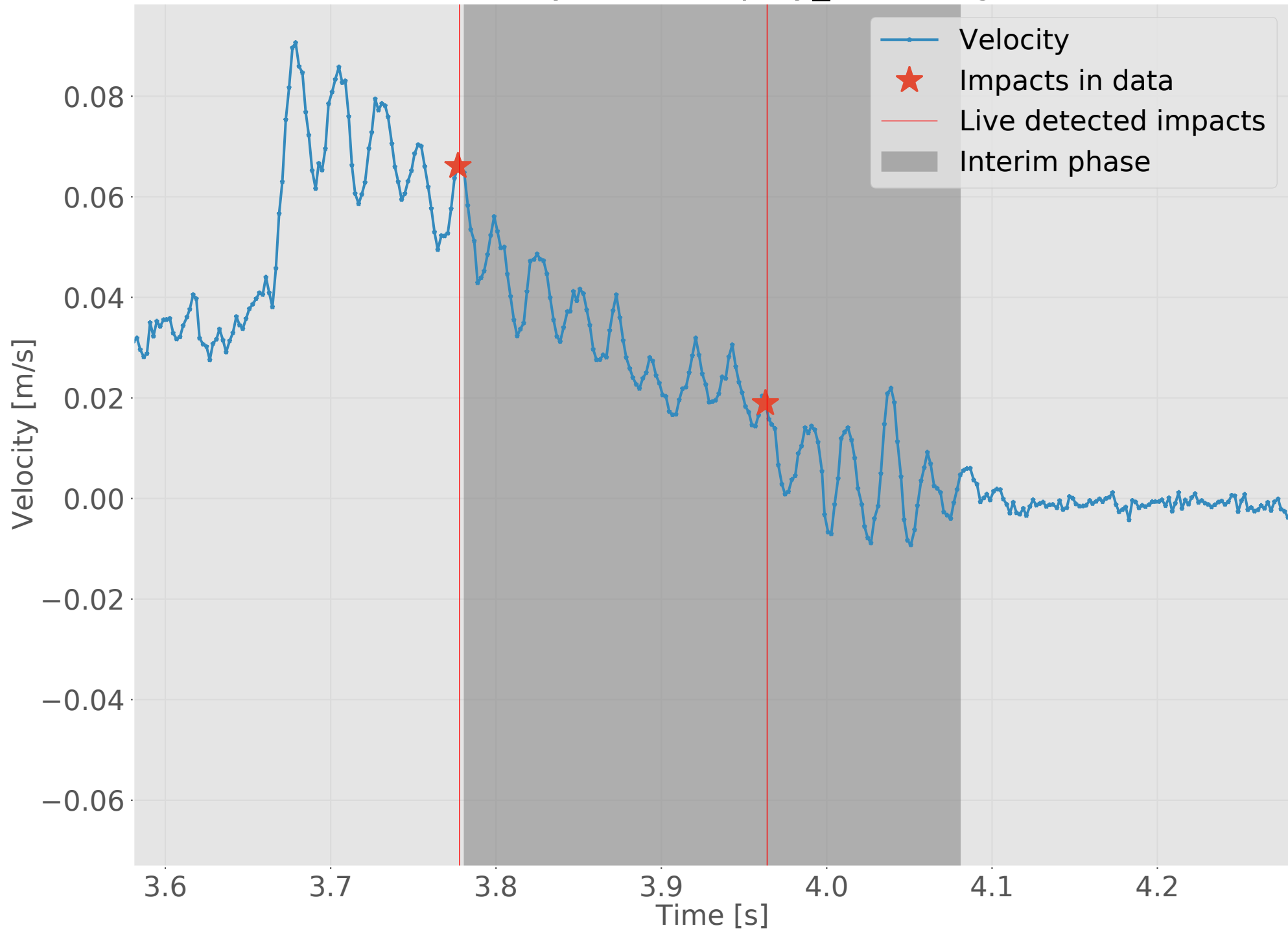
Velocity  $\psi$  data/replay\_test.bag



Velocity X data/replay\_test2.bag

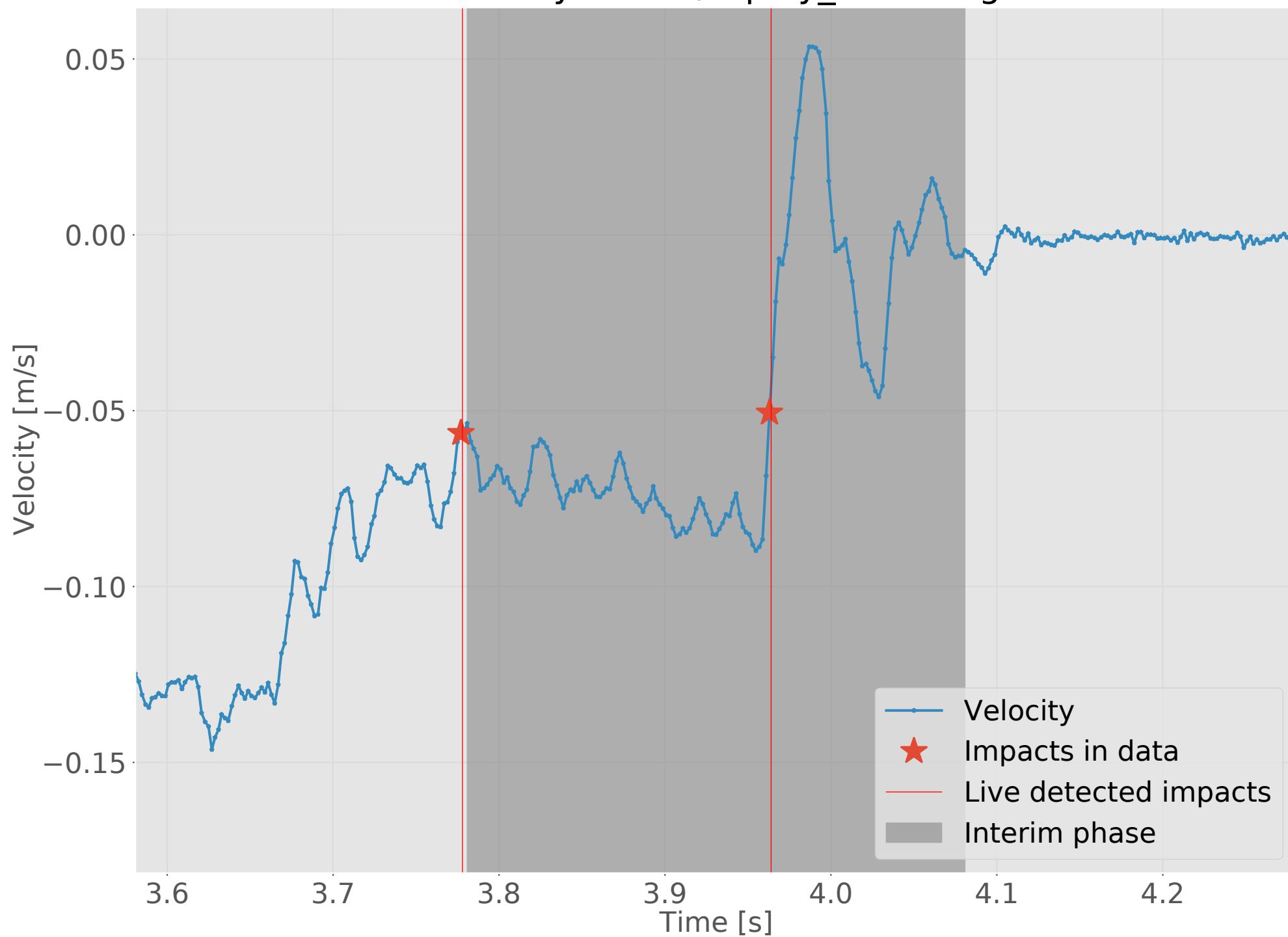


Velocity Y data/replay\_test2.bag

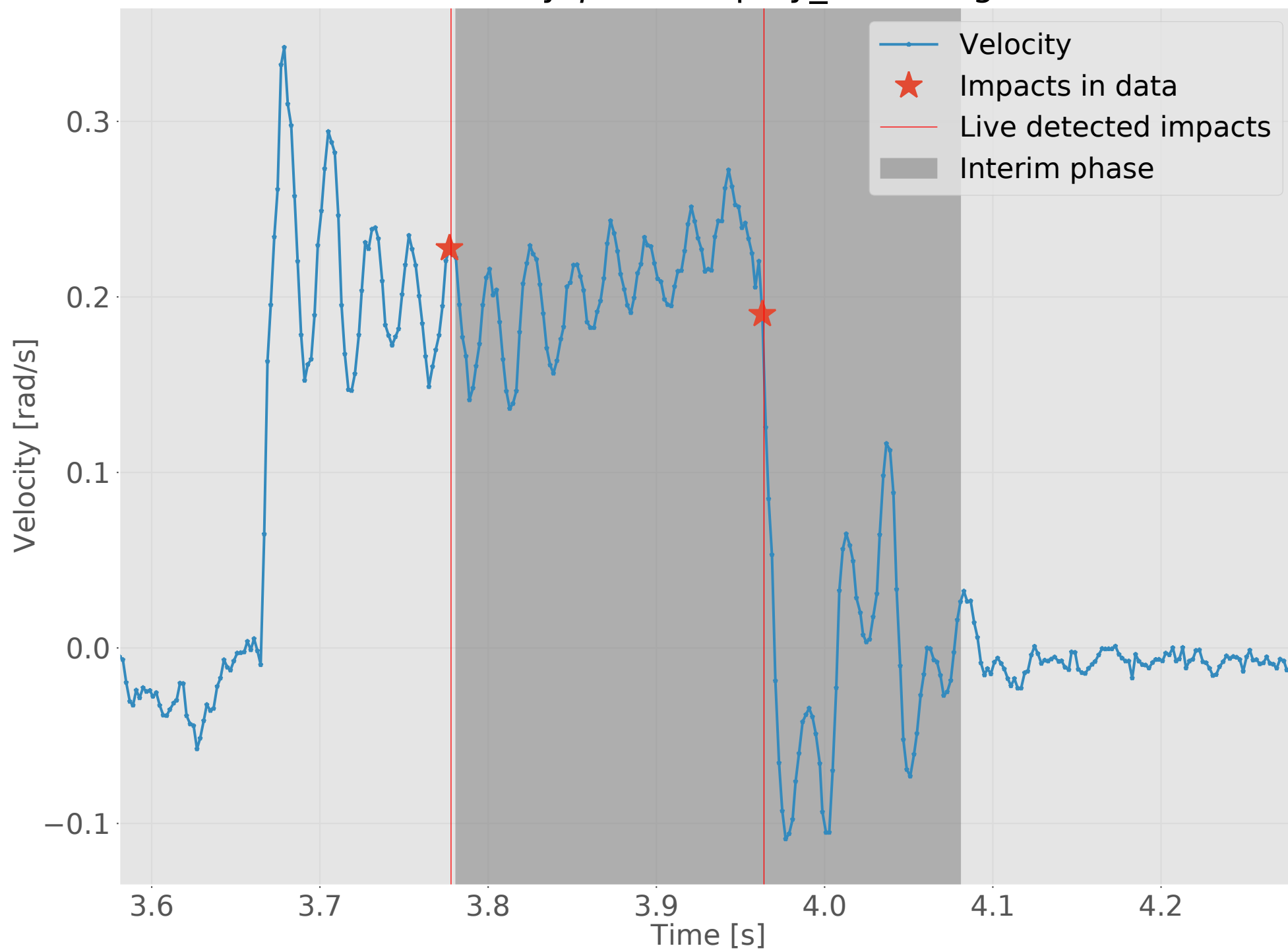




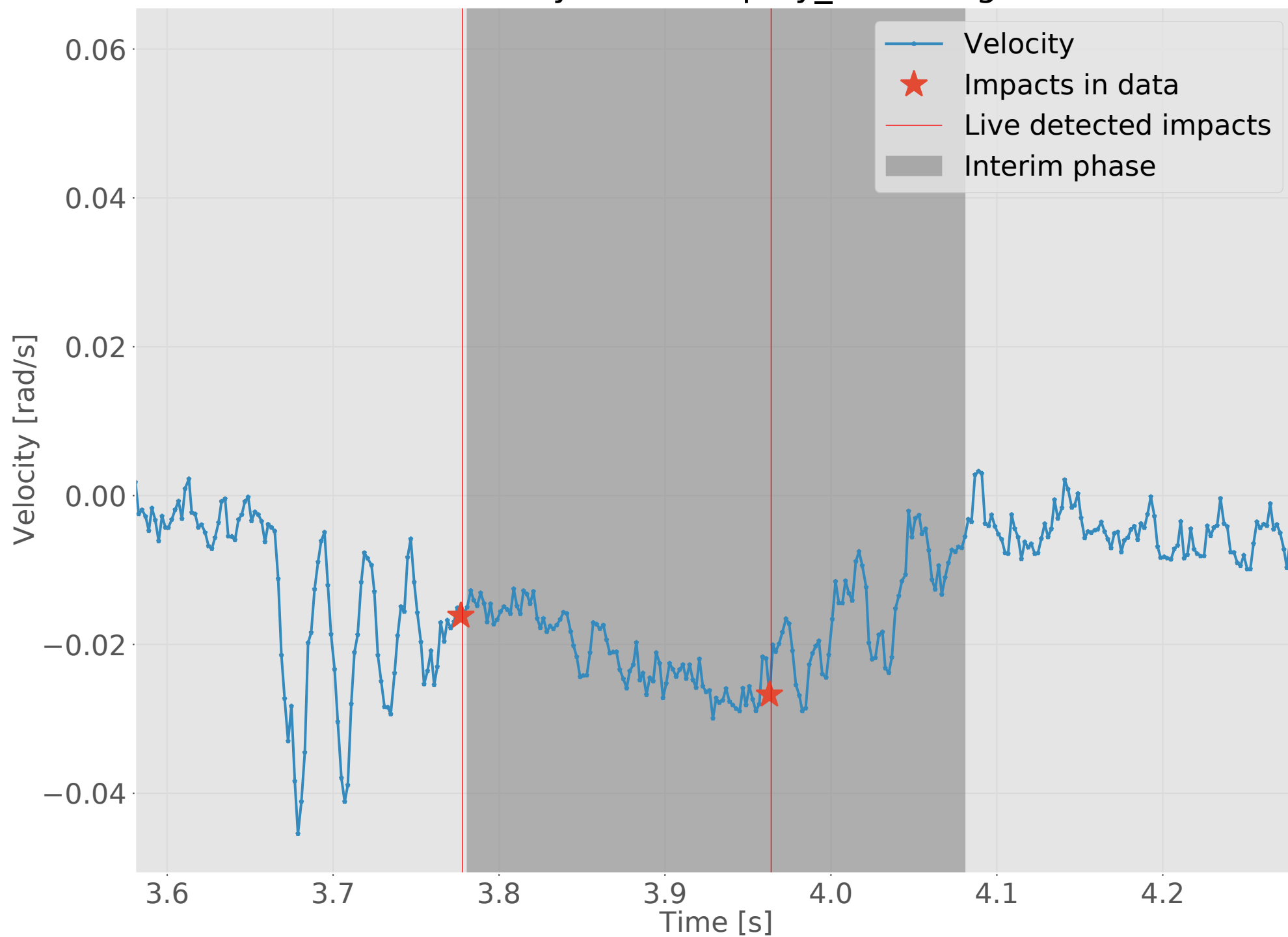
Velocity Z data/replay\_test2.bag



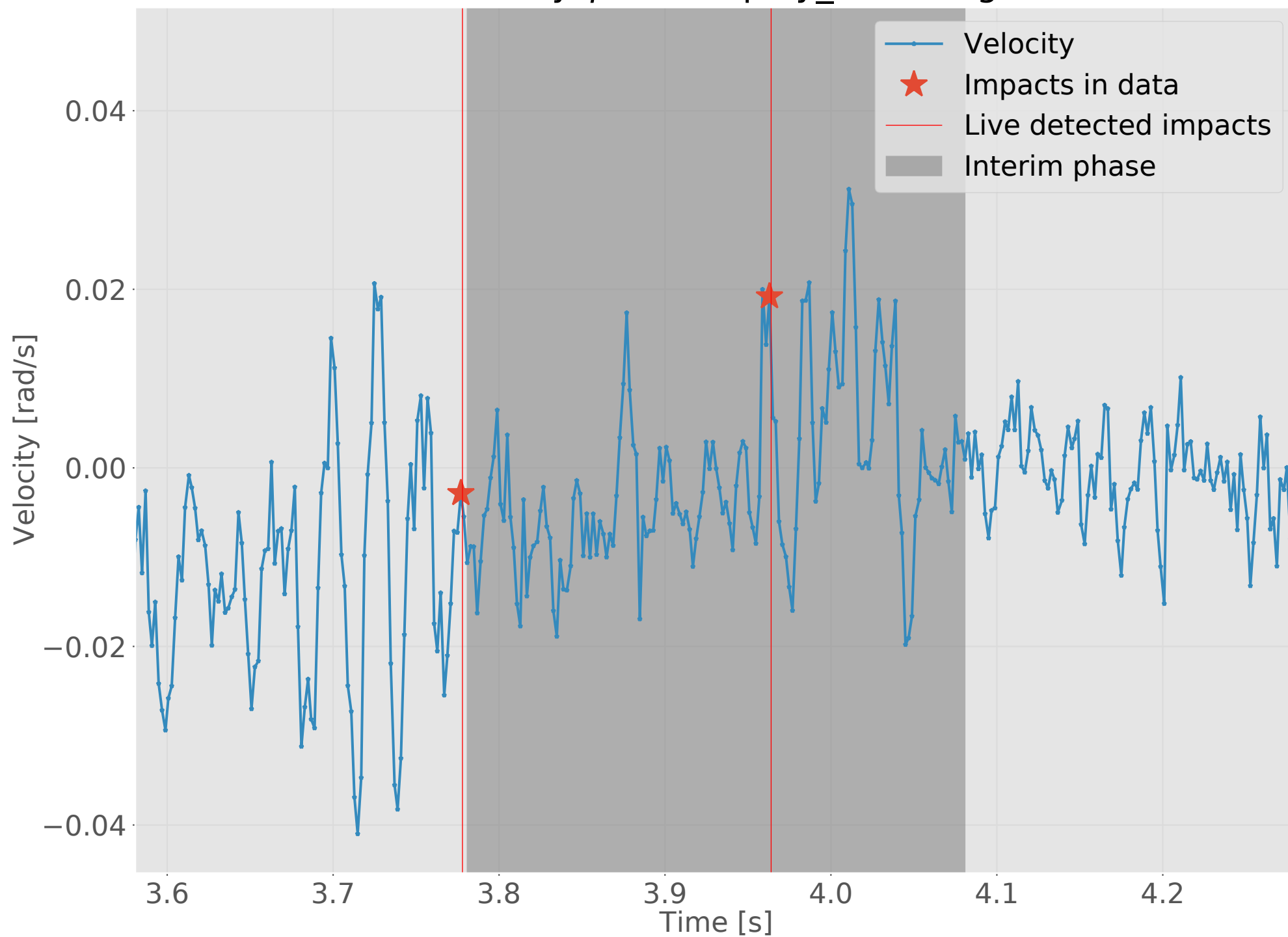
Velocity  $\phi$  data/replay\_test2.bag



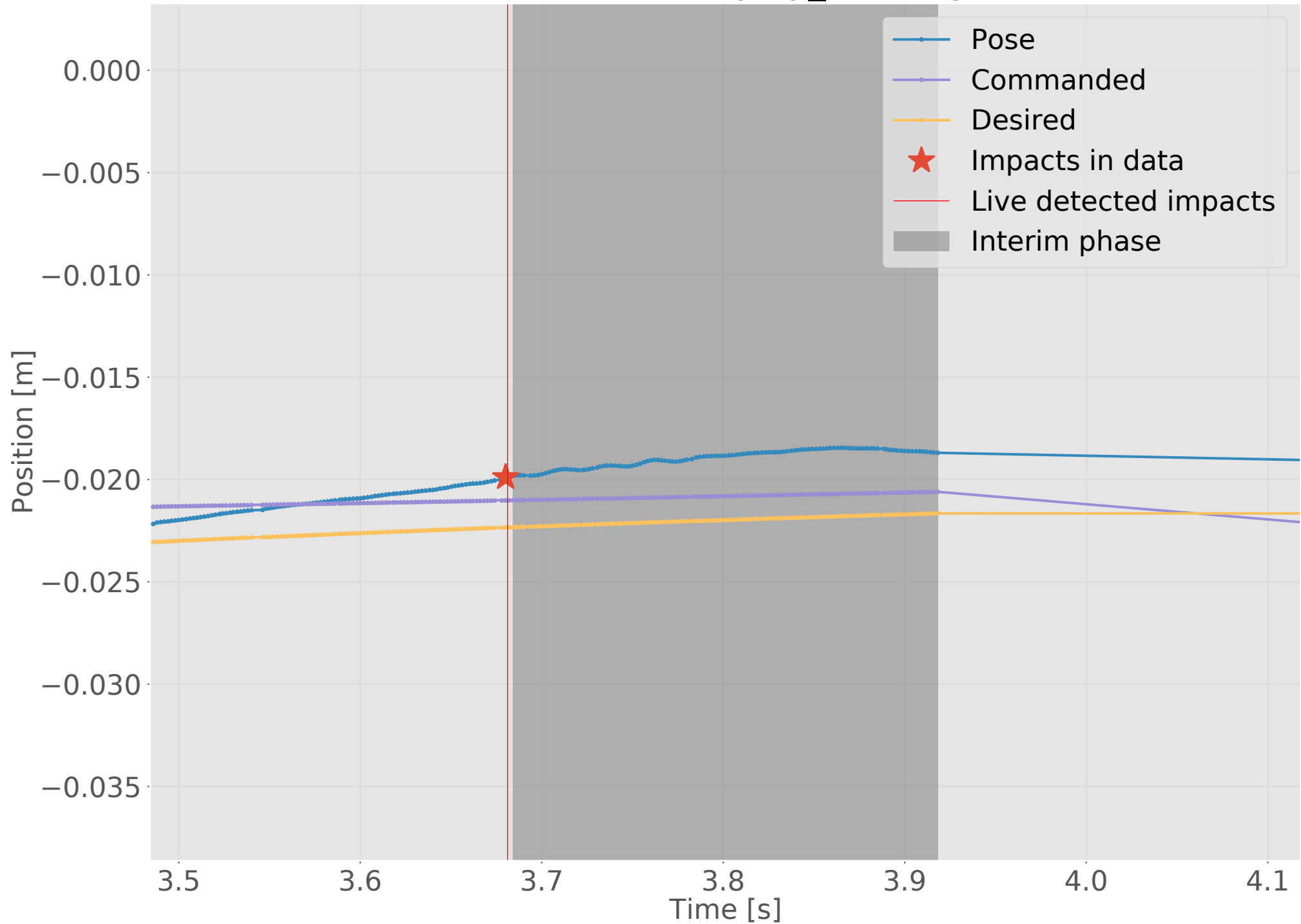
Velocity  $\theta$  data/replay\_test2.bag



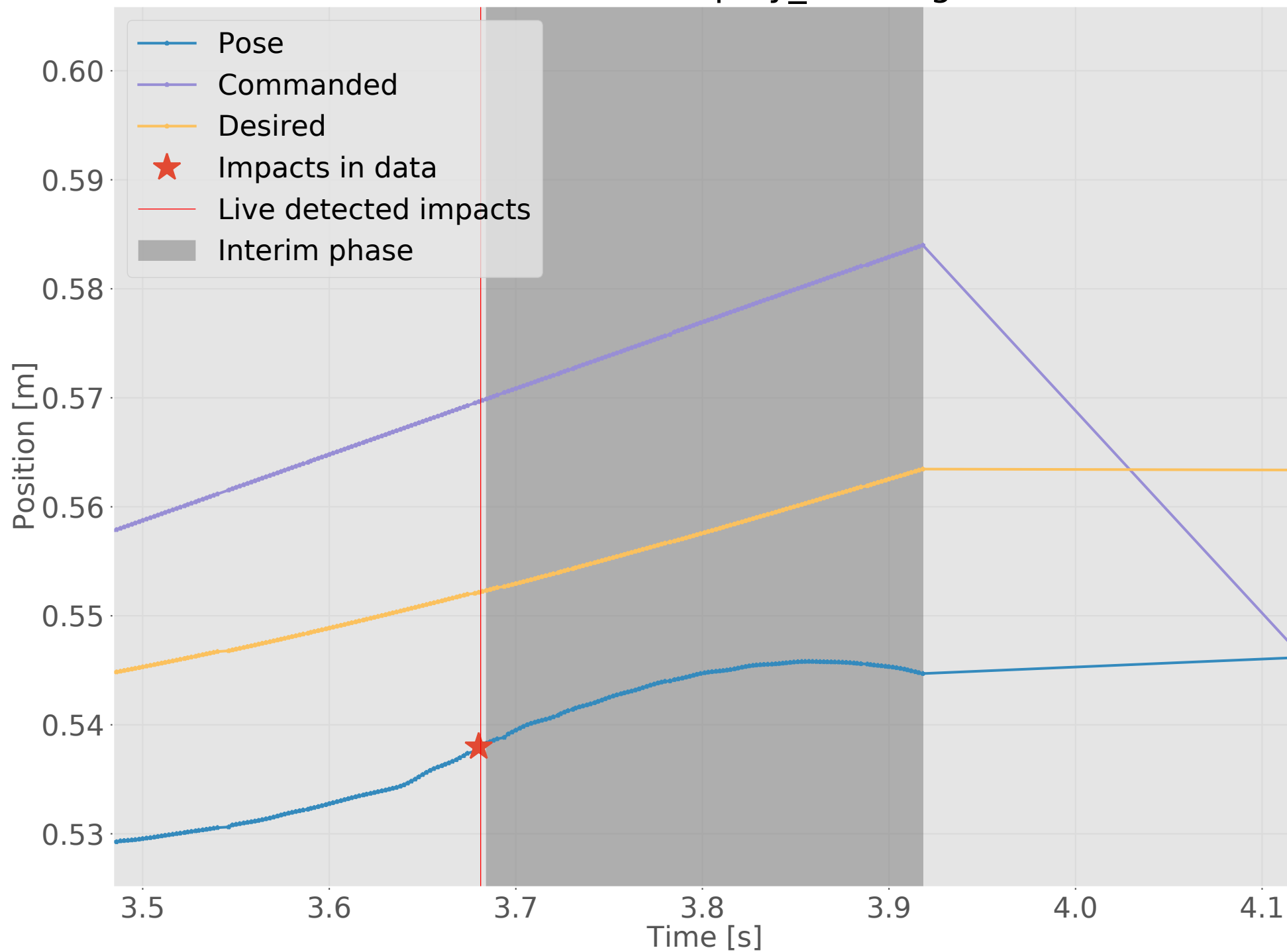
Velocity  $\psi$  data/replay\_test2.bag



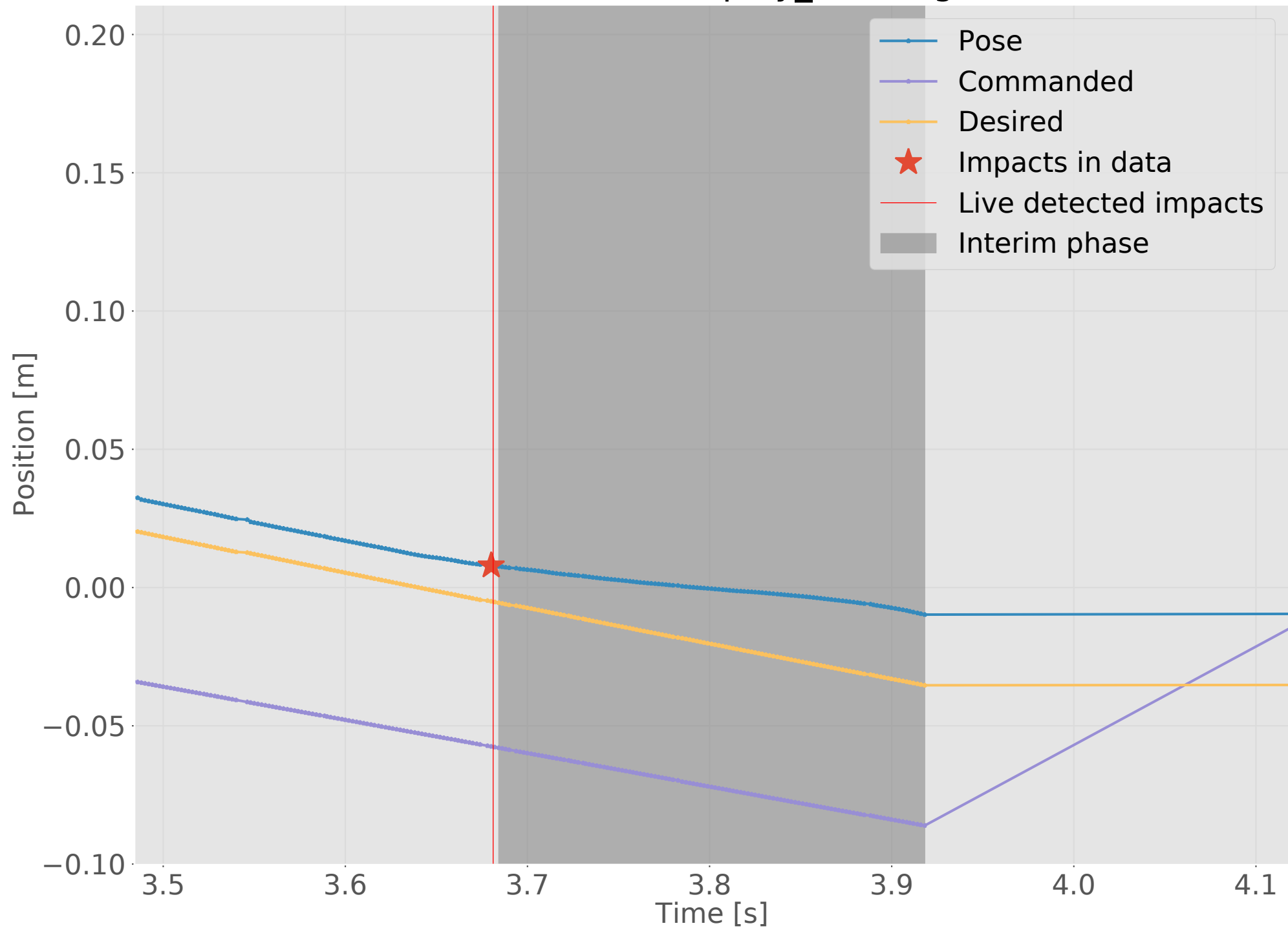
Pose X data/replay\_test.bag



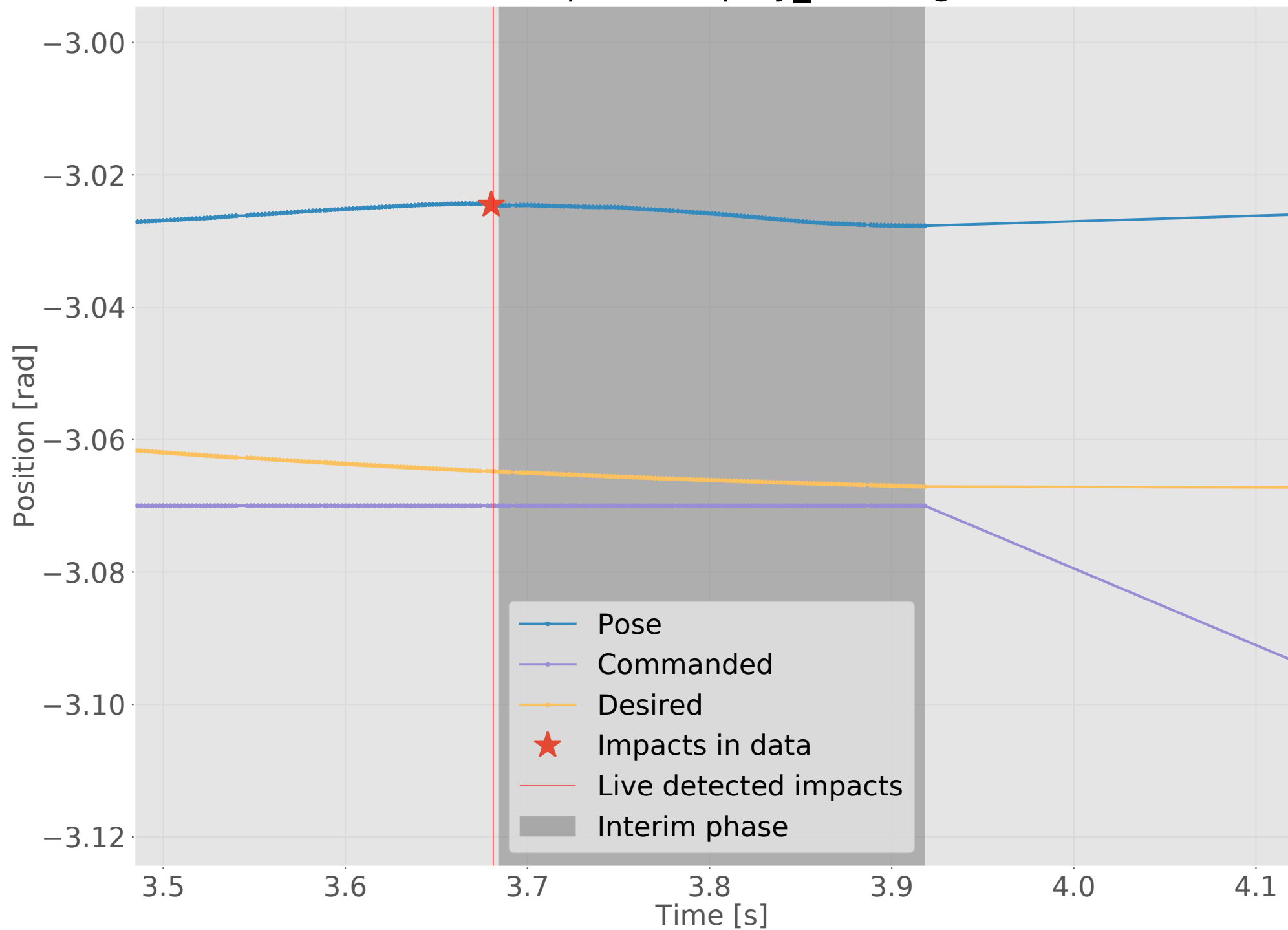
Pose Y data/replay\_test.bag



Pose Z data/replay\_test.bag

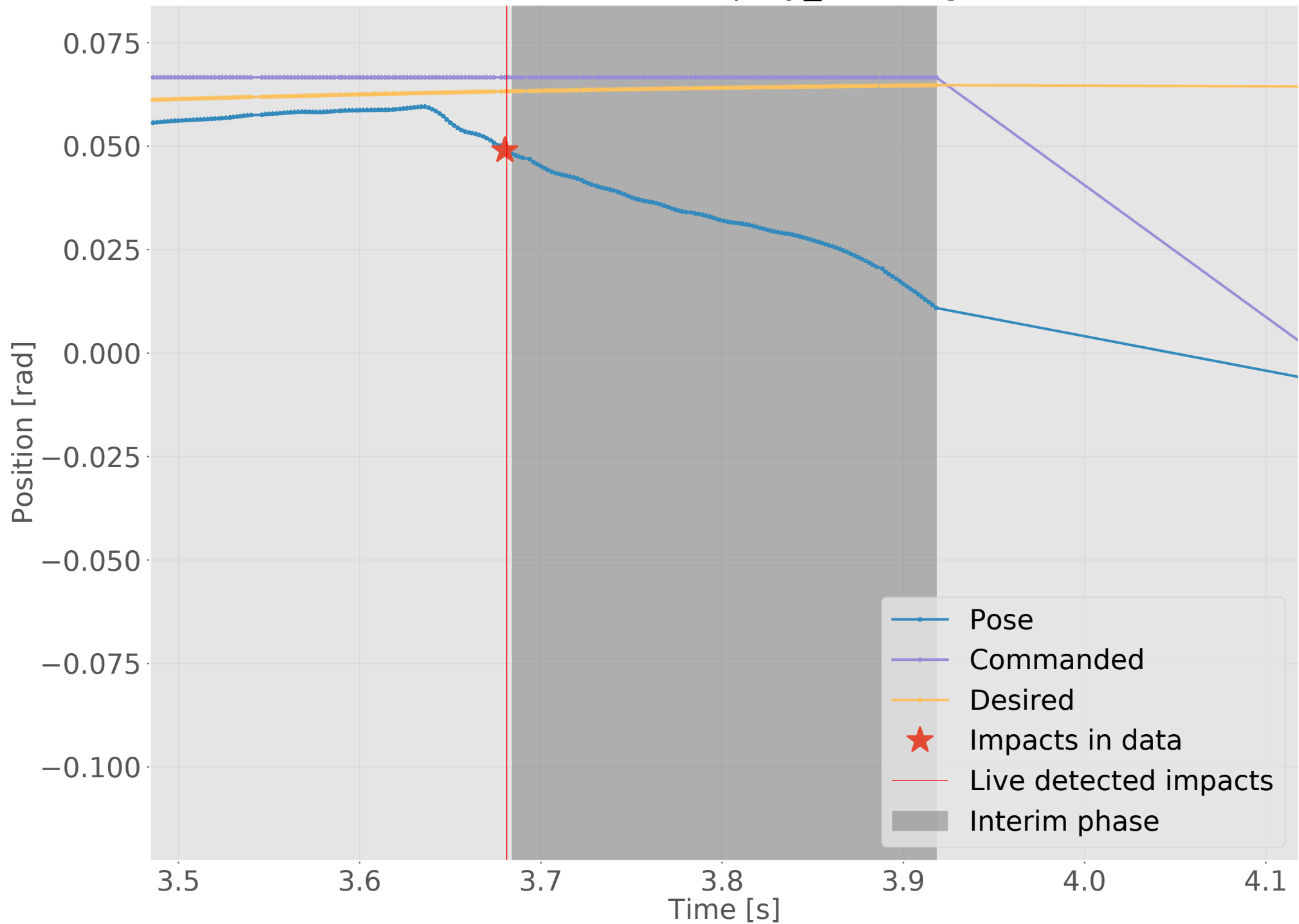


Pose  $\phi$  data/replay\_test.bag

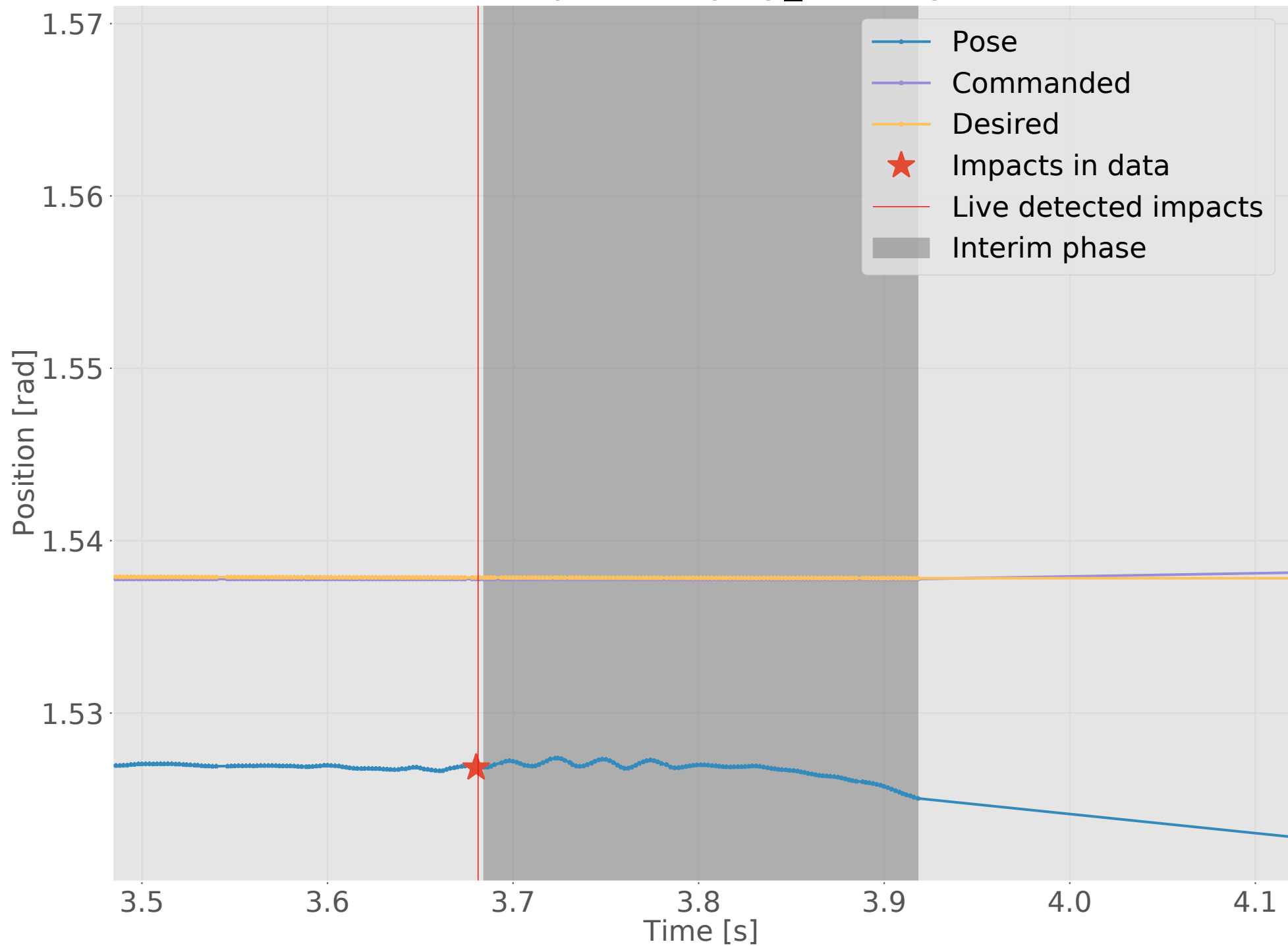




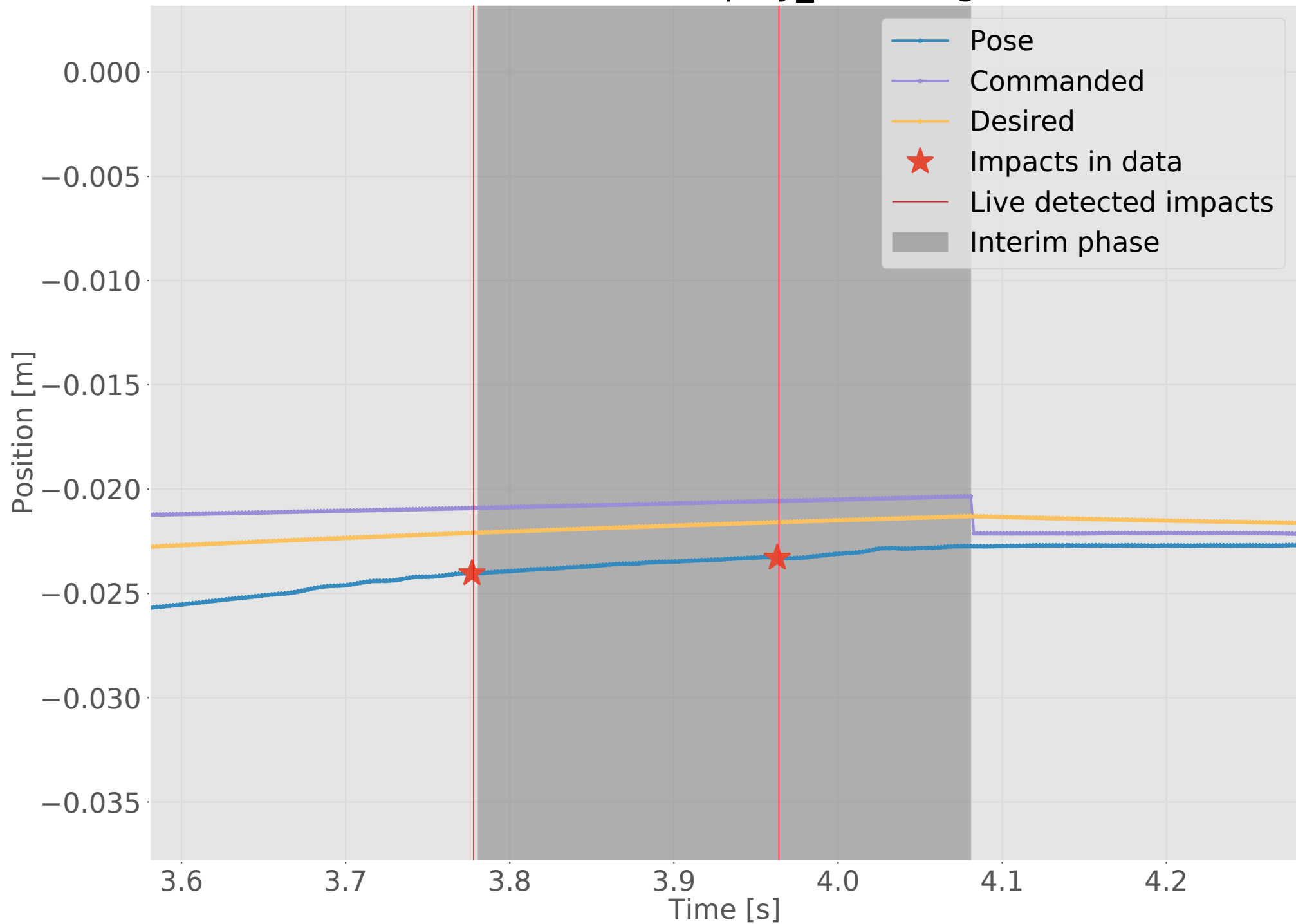
Pose  $\theta$  data/replay\_test.bag



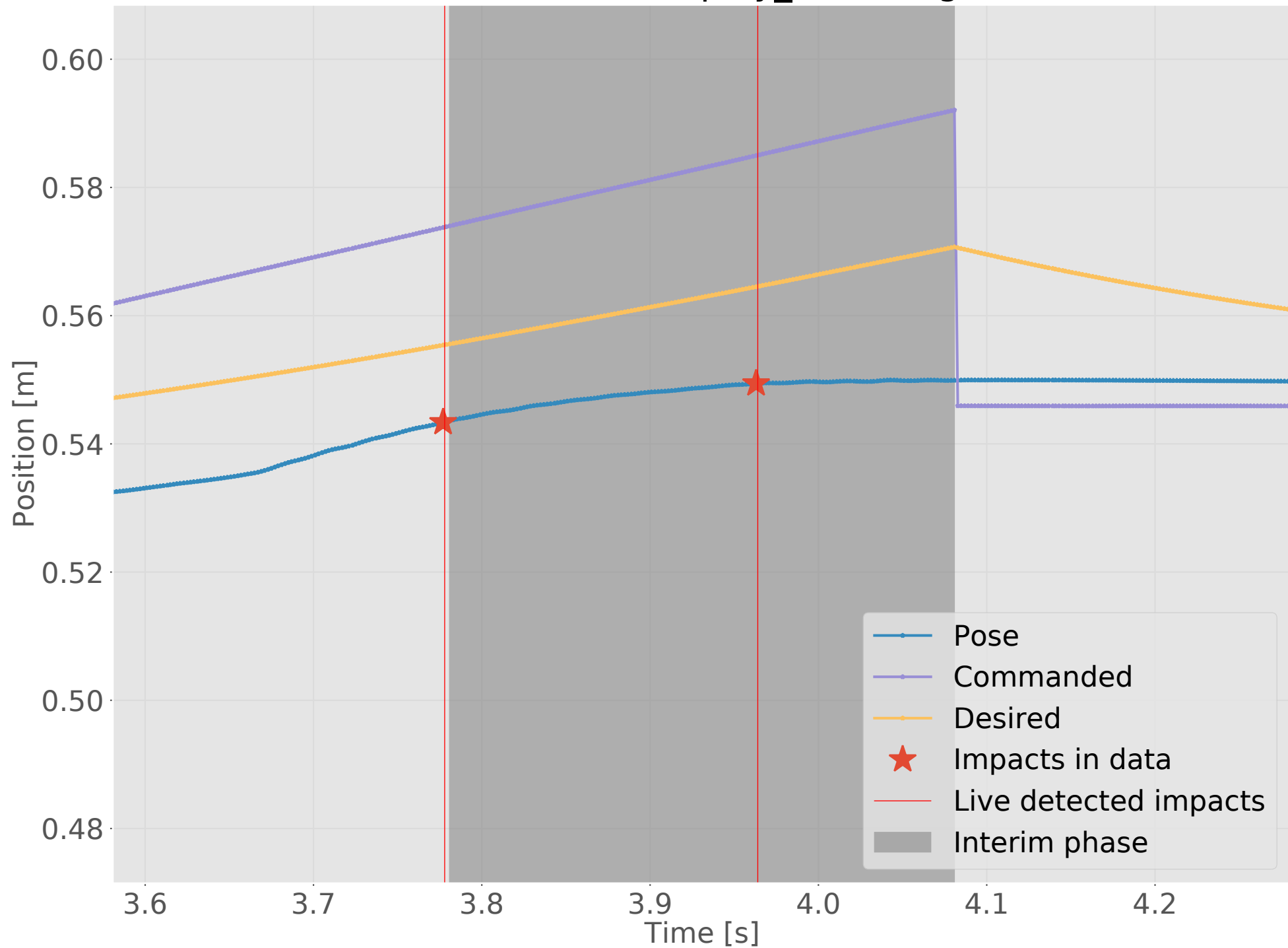
Pose  $\psi$  data/replay\_test.bag



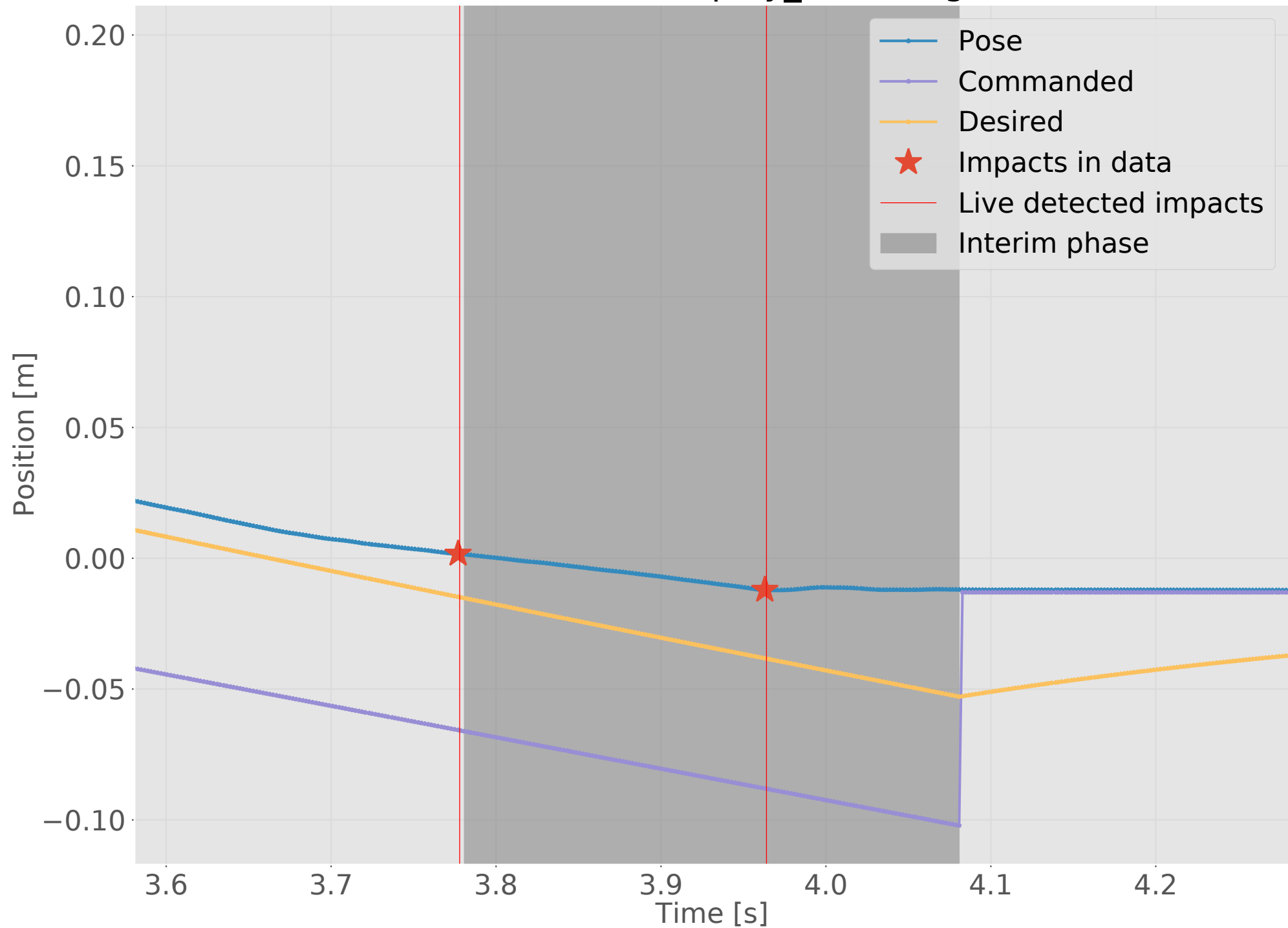
Pose X data/replay\_test2.bag



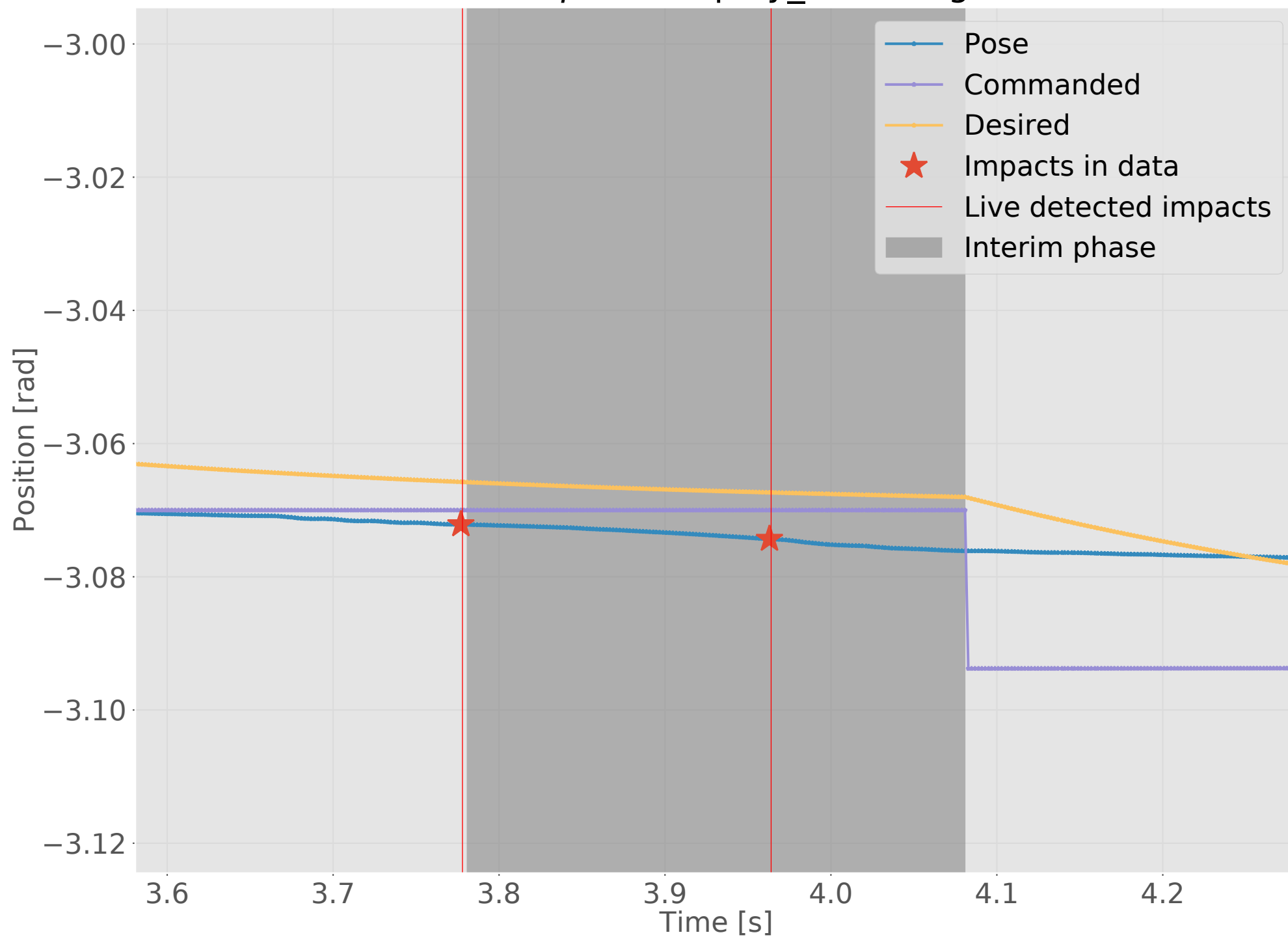
Pose Y data/replay\_test2.bag



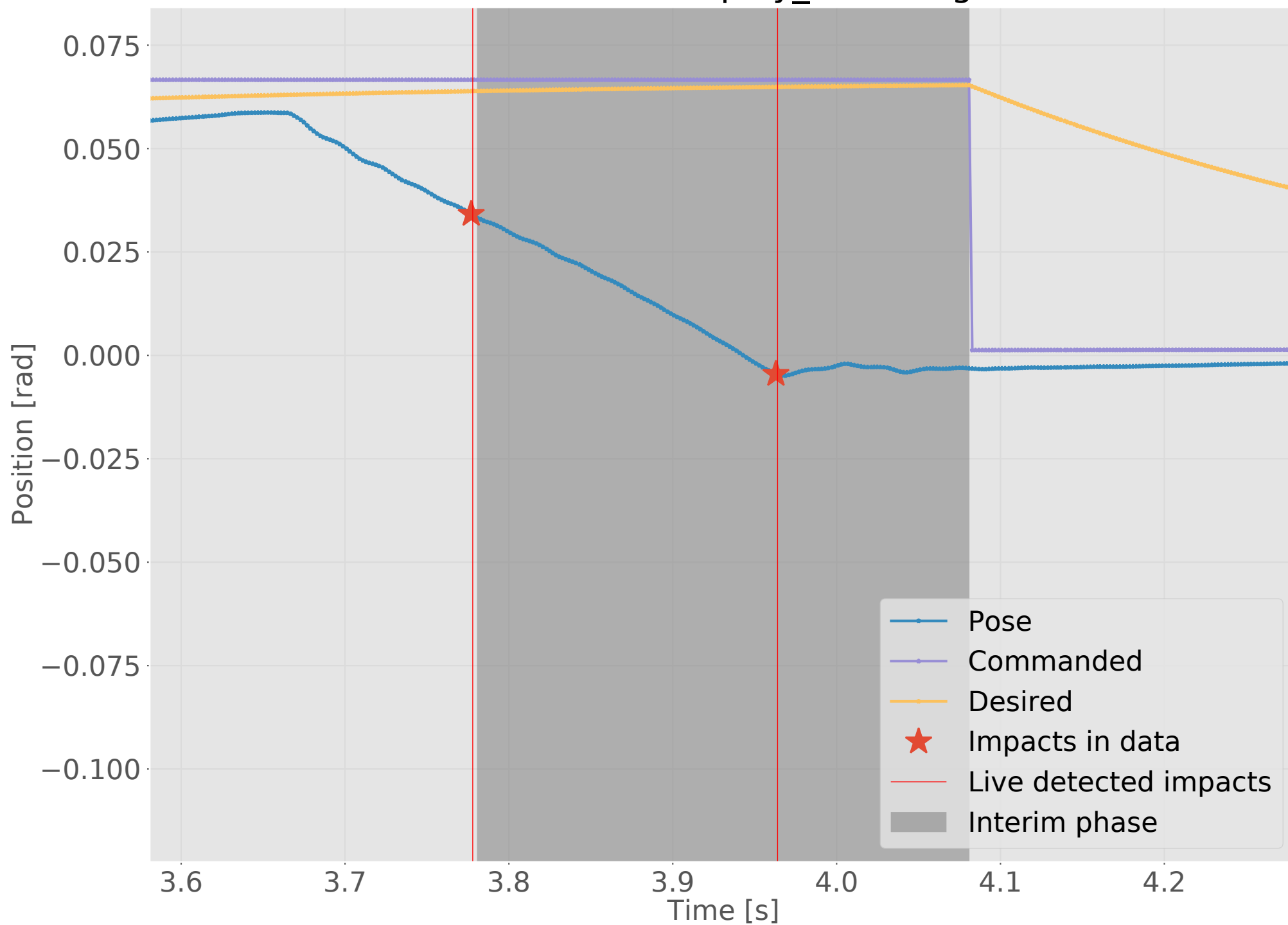
Pose Z data/replay\_test2.bag



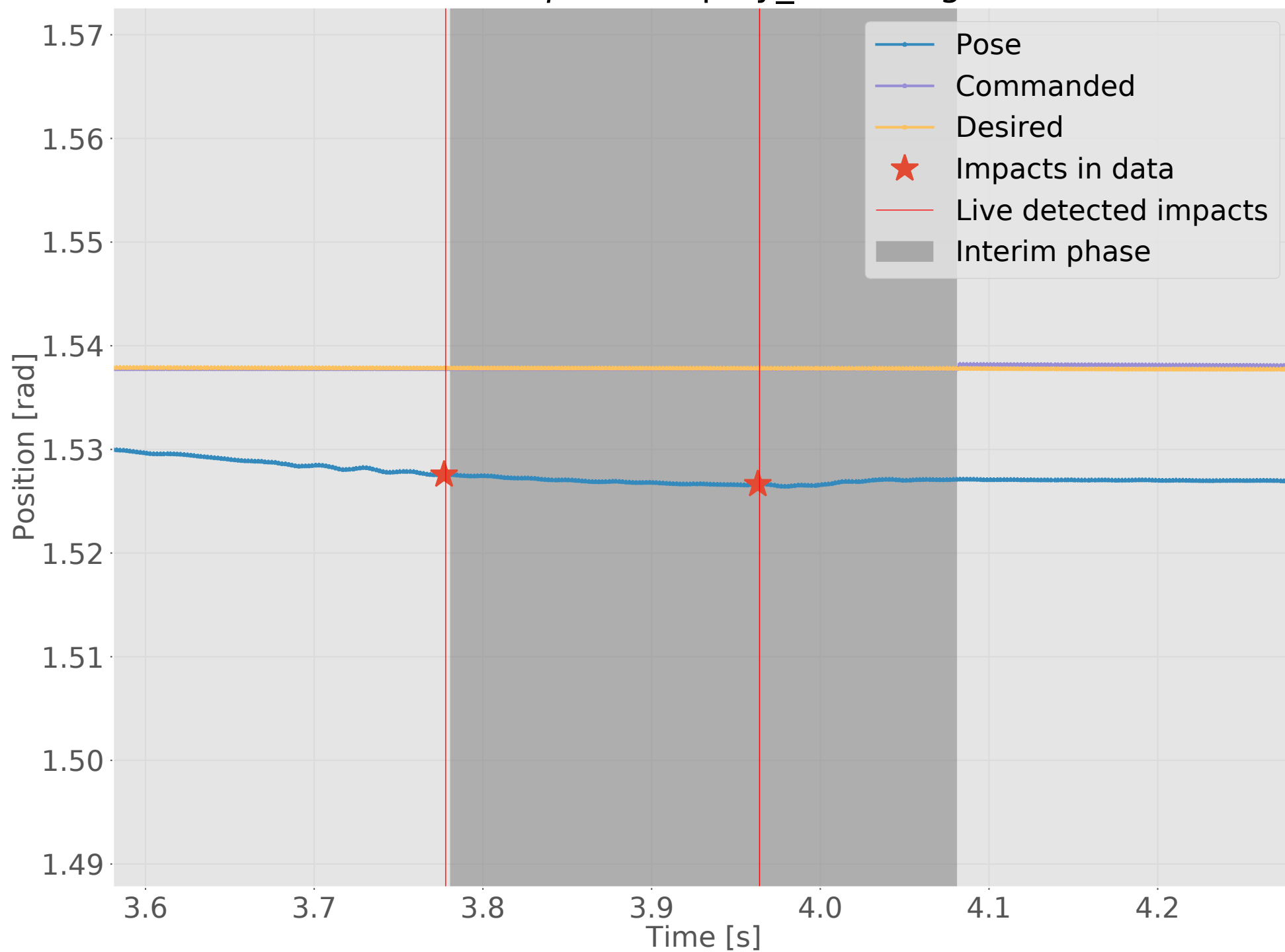
Pose  $\phi$  data/replay\_test2.bag



Pose  $\theta$  data/replay\_test2.bag

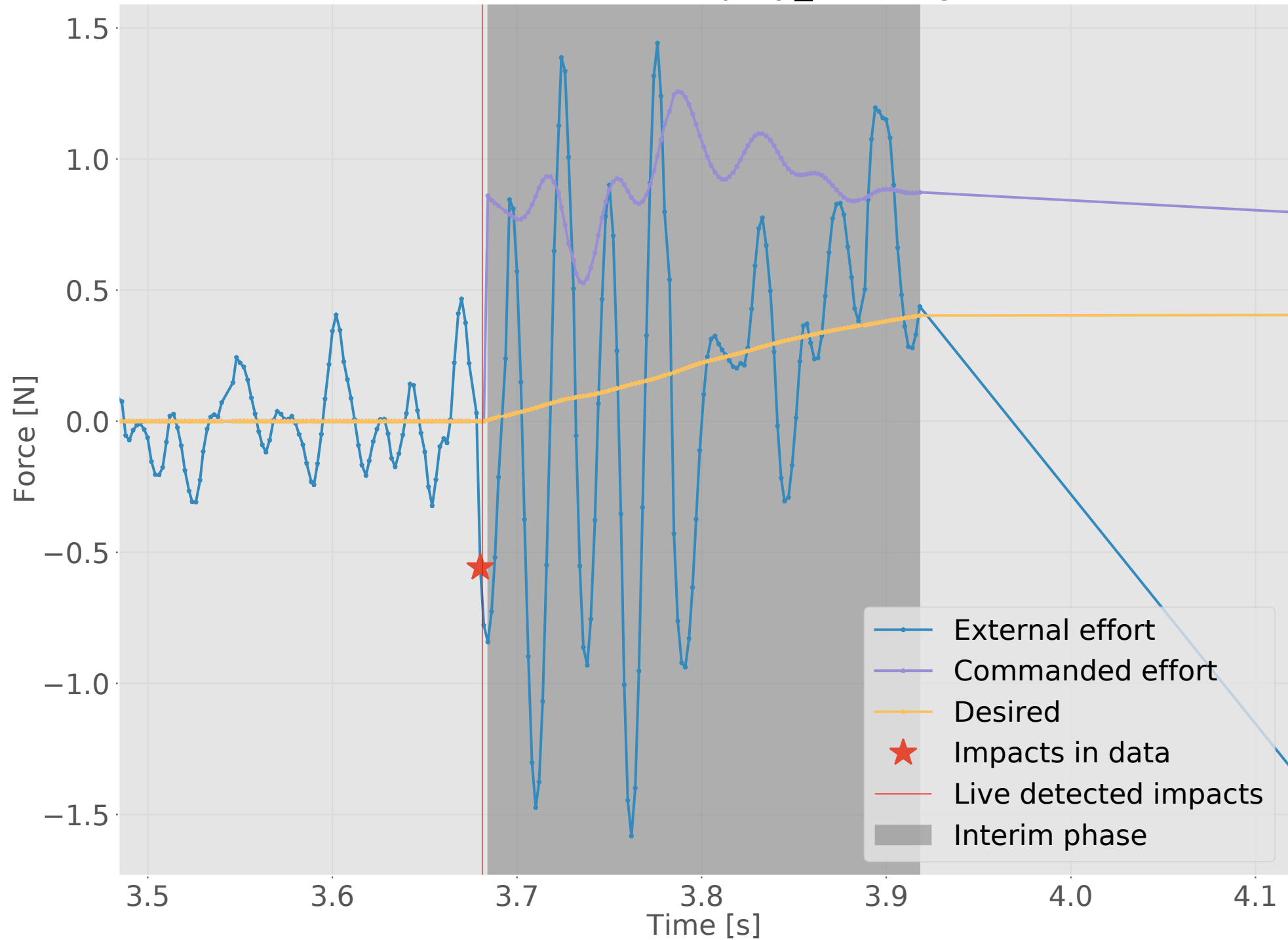


Pose  $\psi$  data/replay\_test2.bag

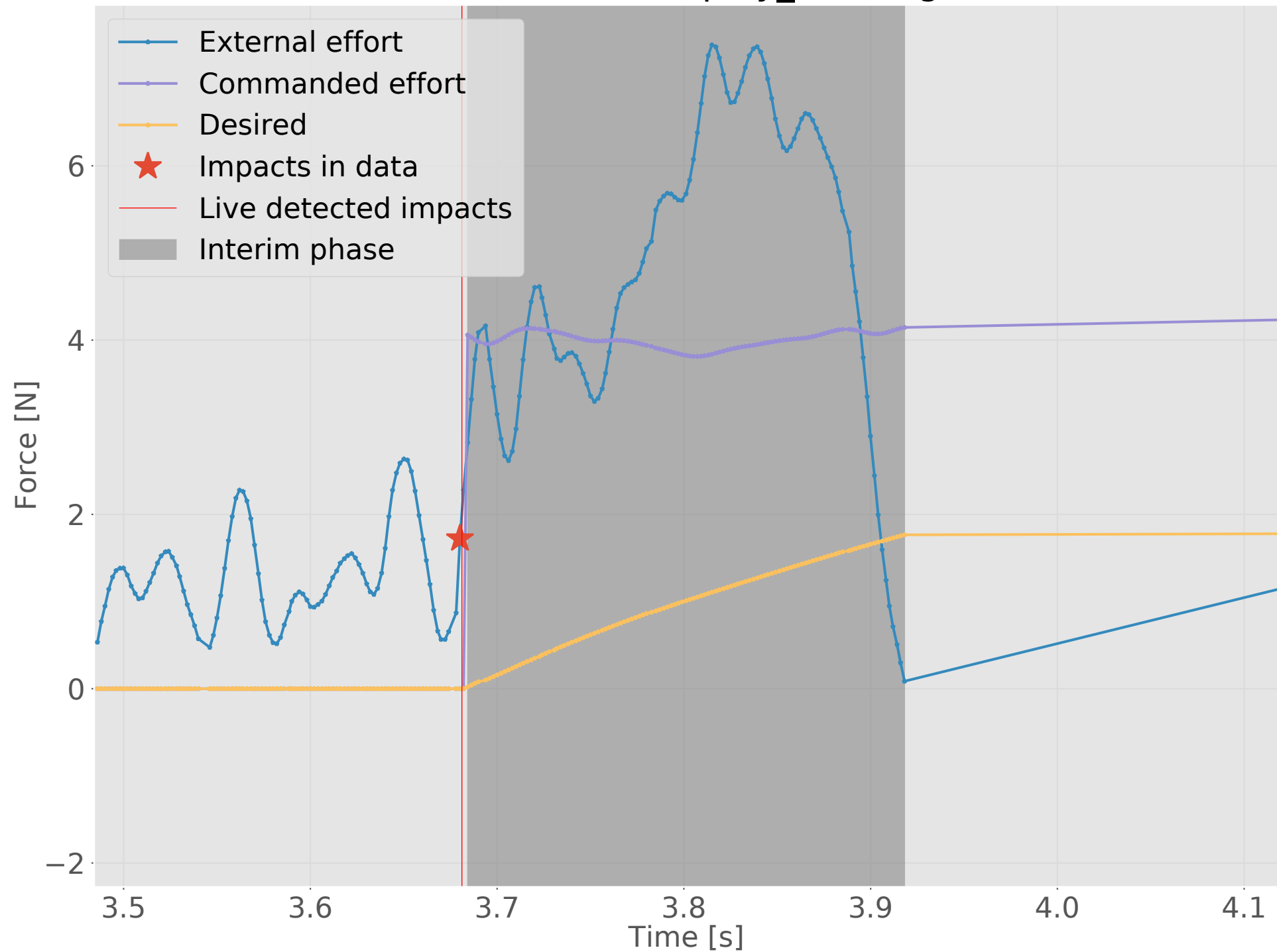




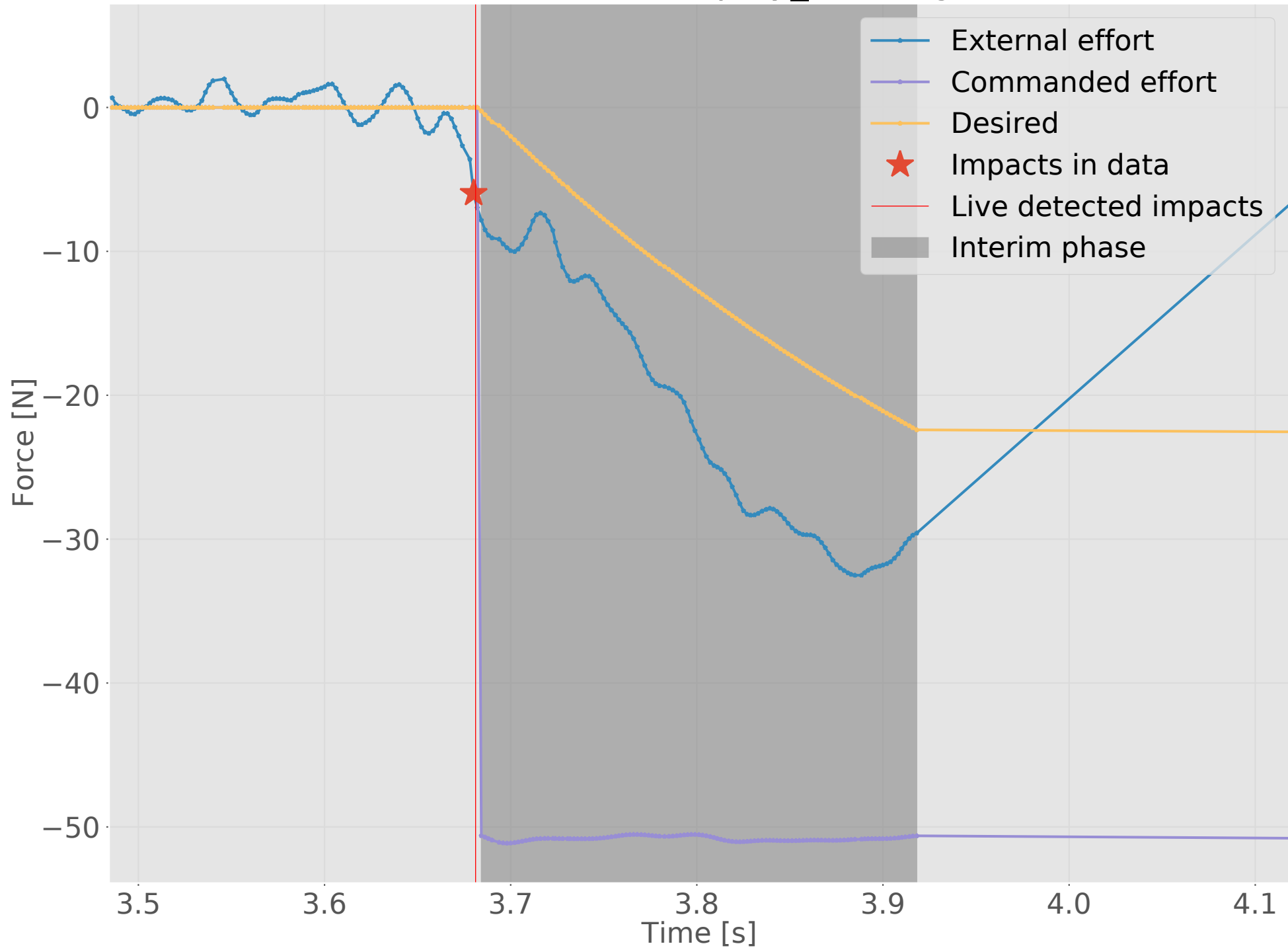
Effort X data/replay\_test.bag



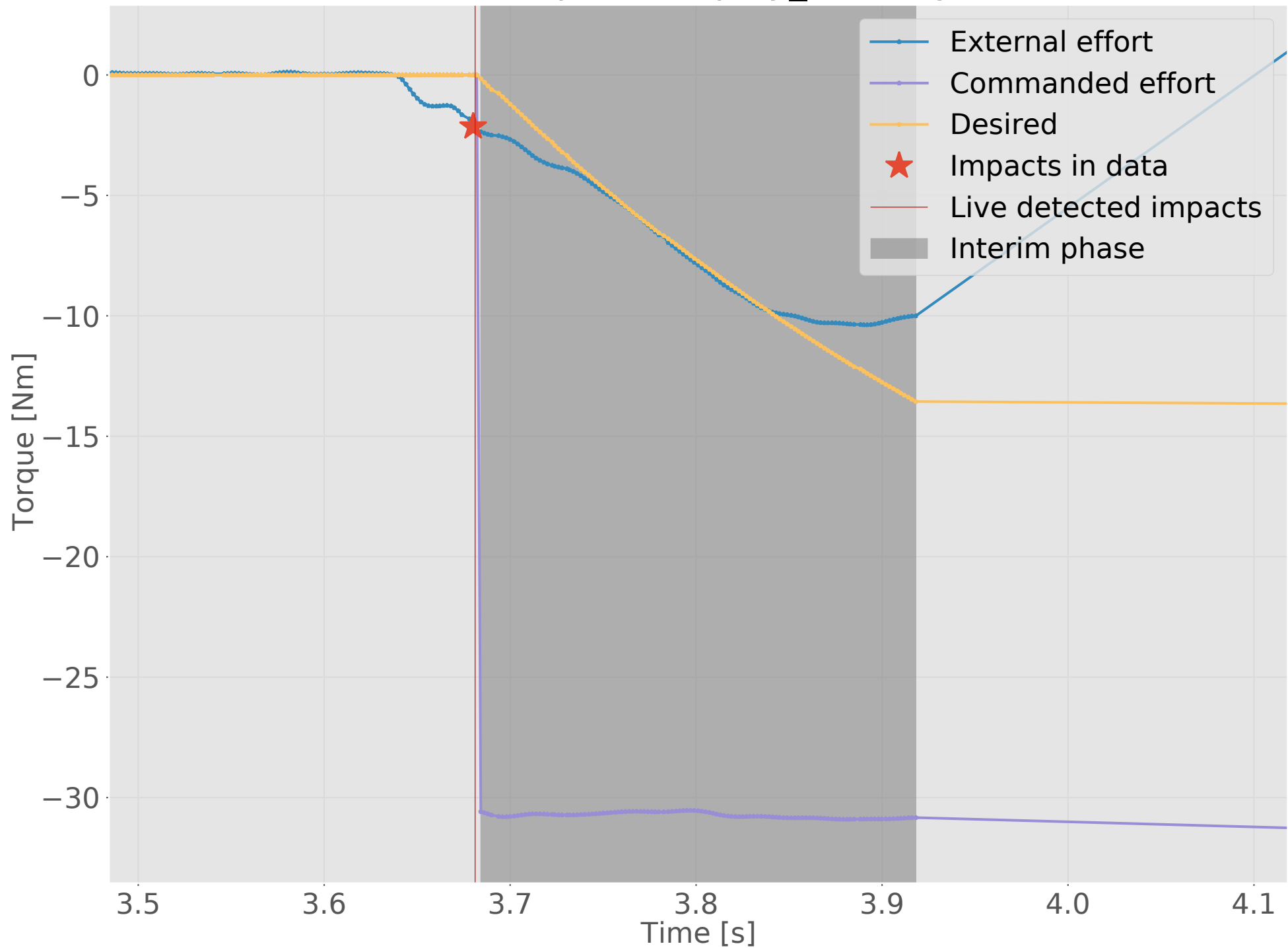
Effort Y data/replay\_test.bag



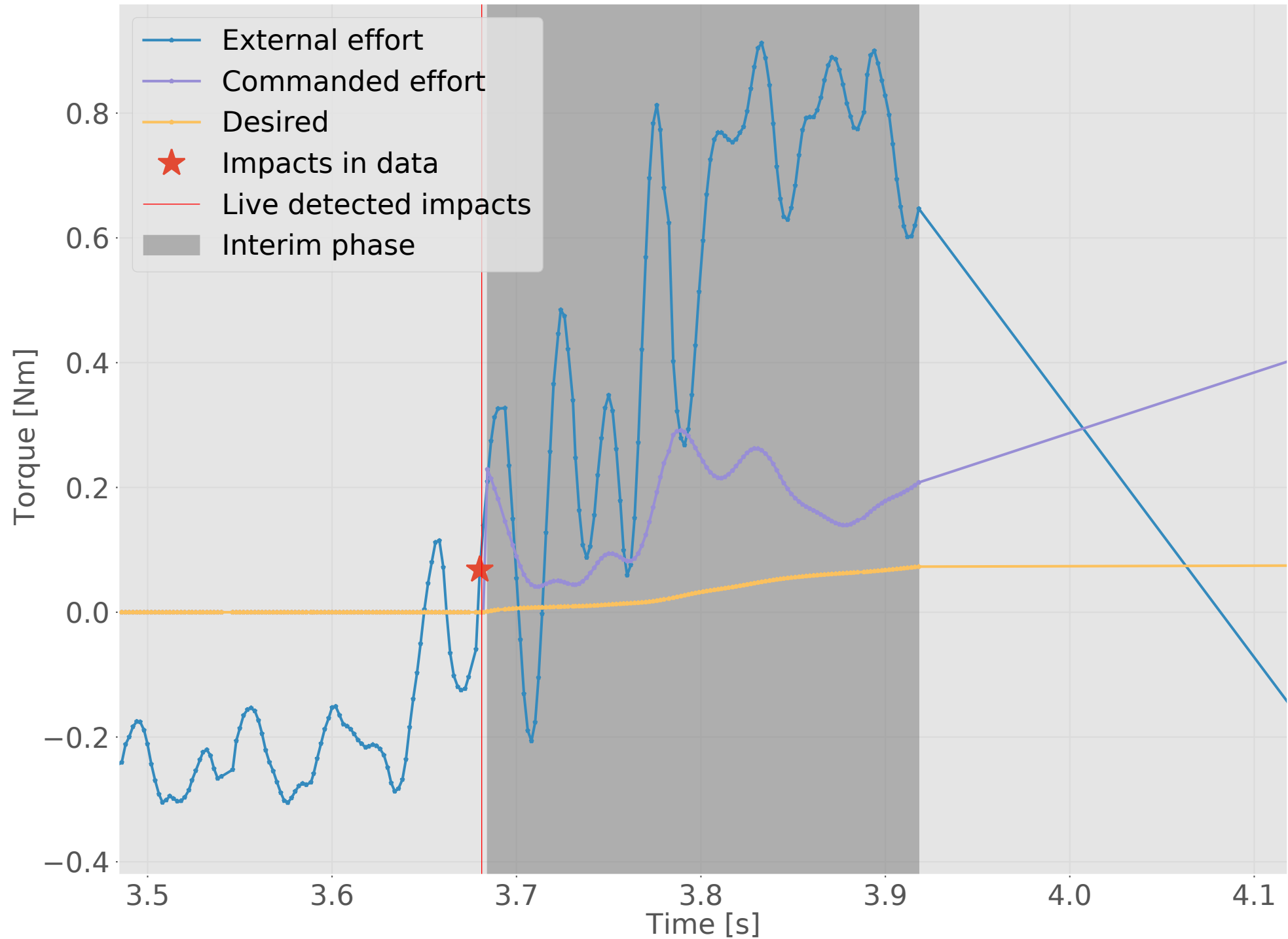
Effort Z data/replay\_test.bag



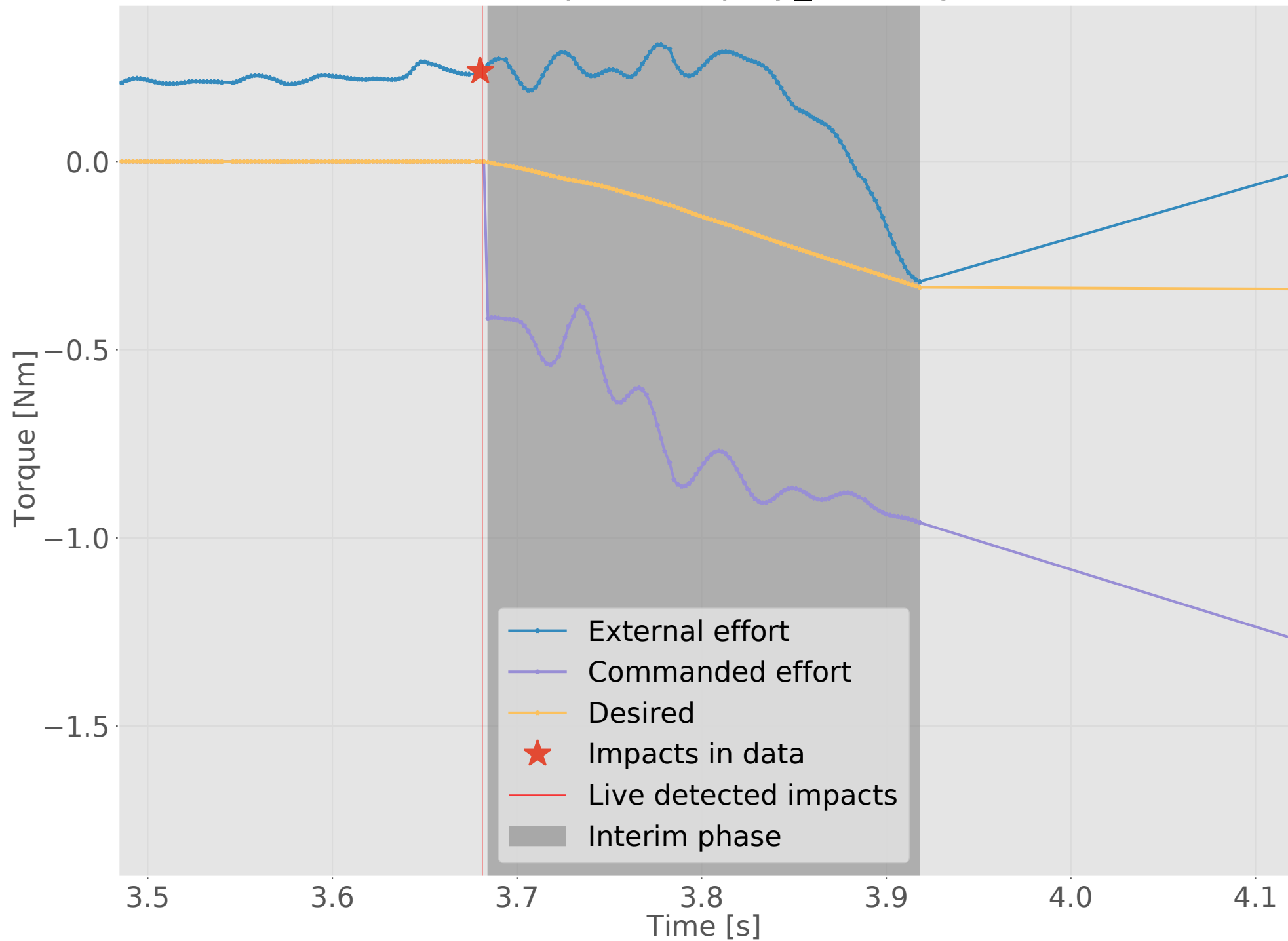
Effort  $\phi$  data/replay\_test.bag



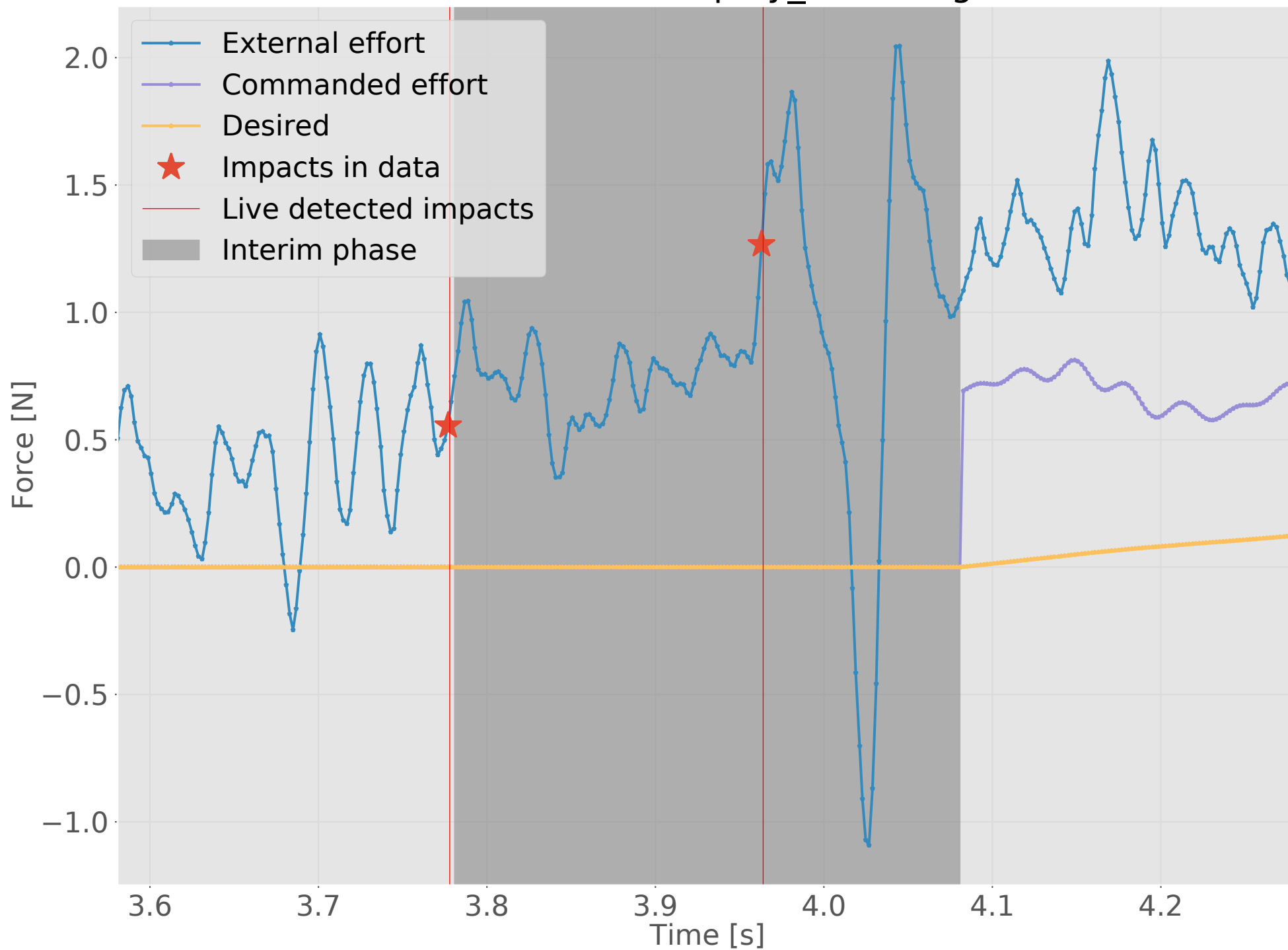
Effort  $\theta$  data/replay\_test.bag



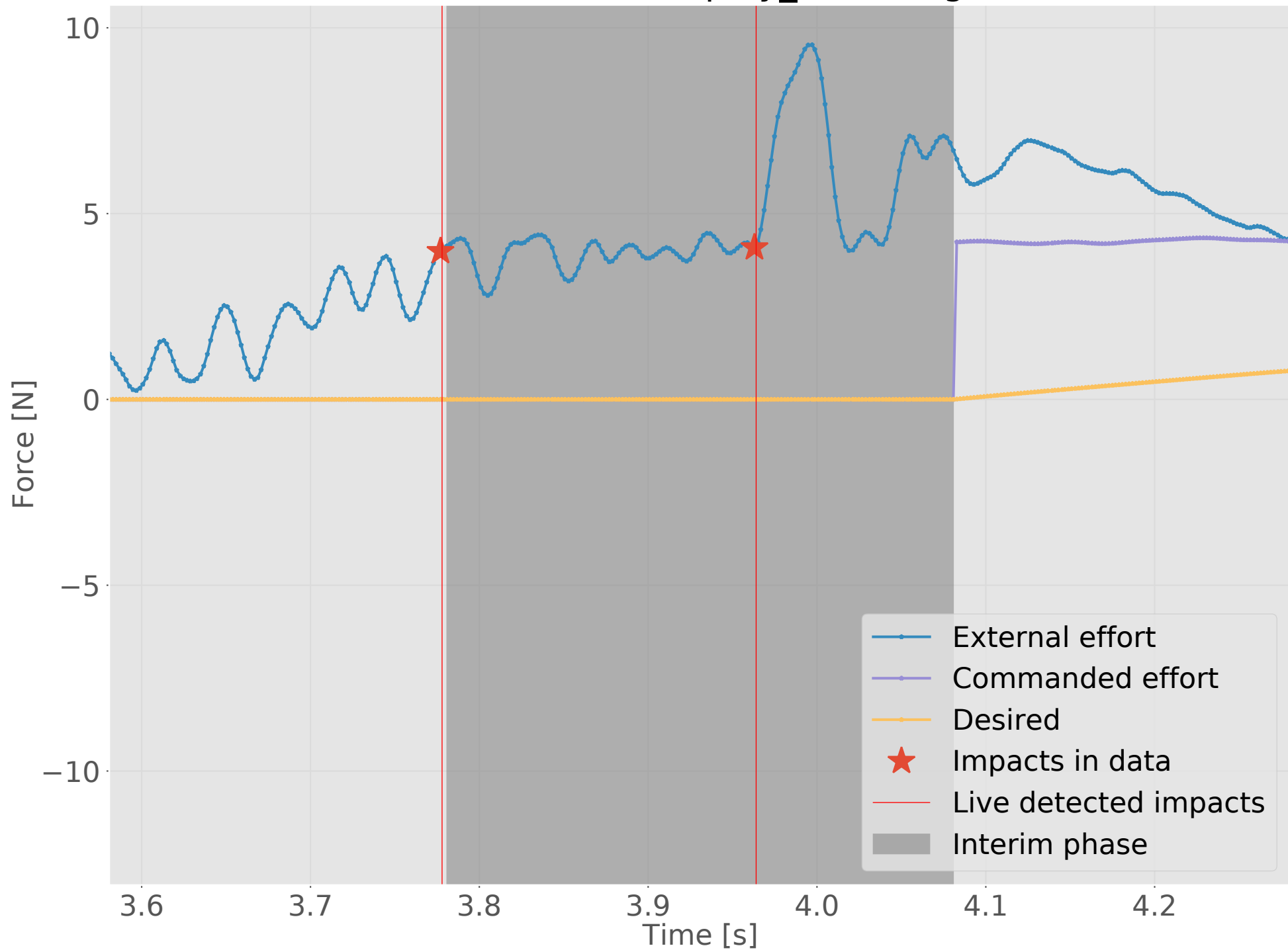
Effort  $\psi$  data/replay\_test.bag



Effort X data/replay\_test2.bag

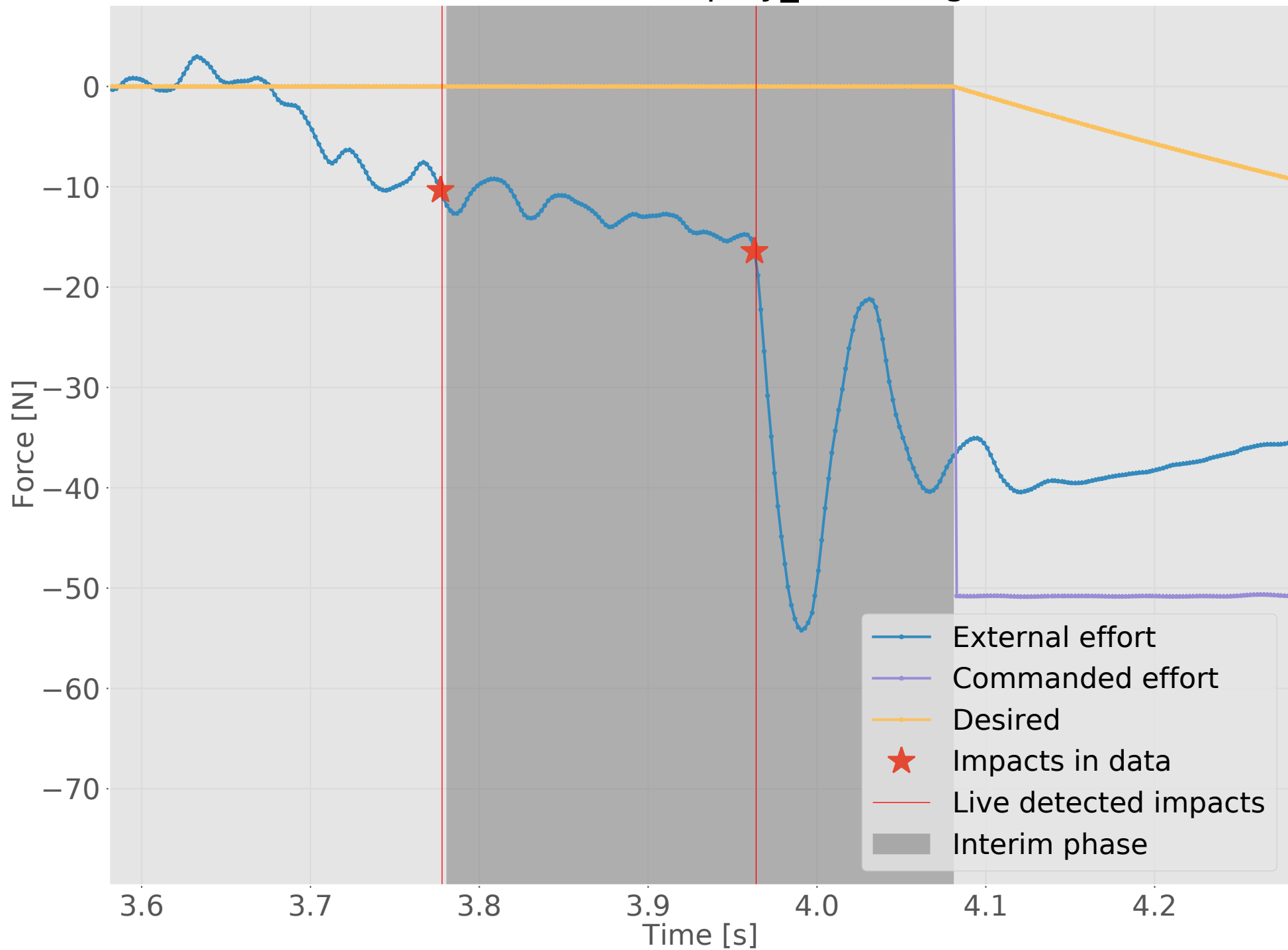


Effort Y data/replay\_test2.bag

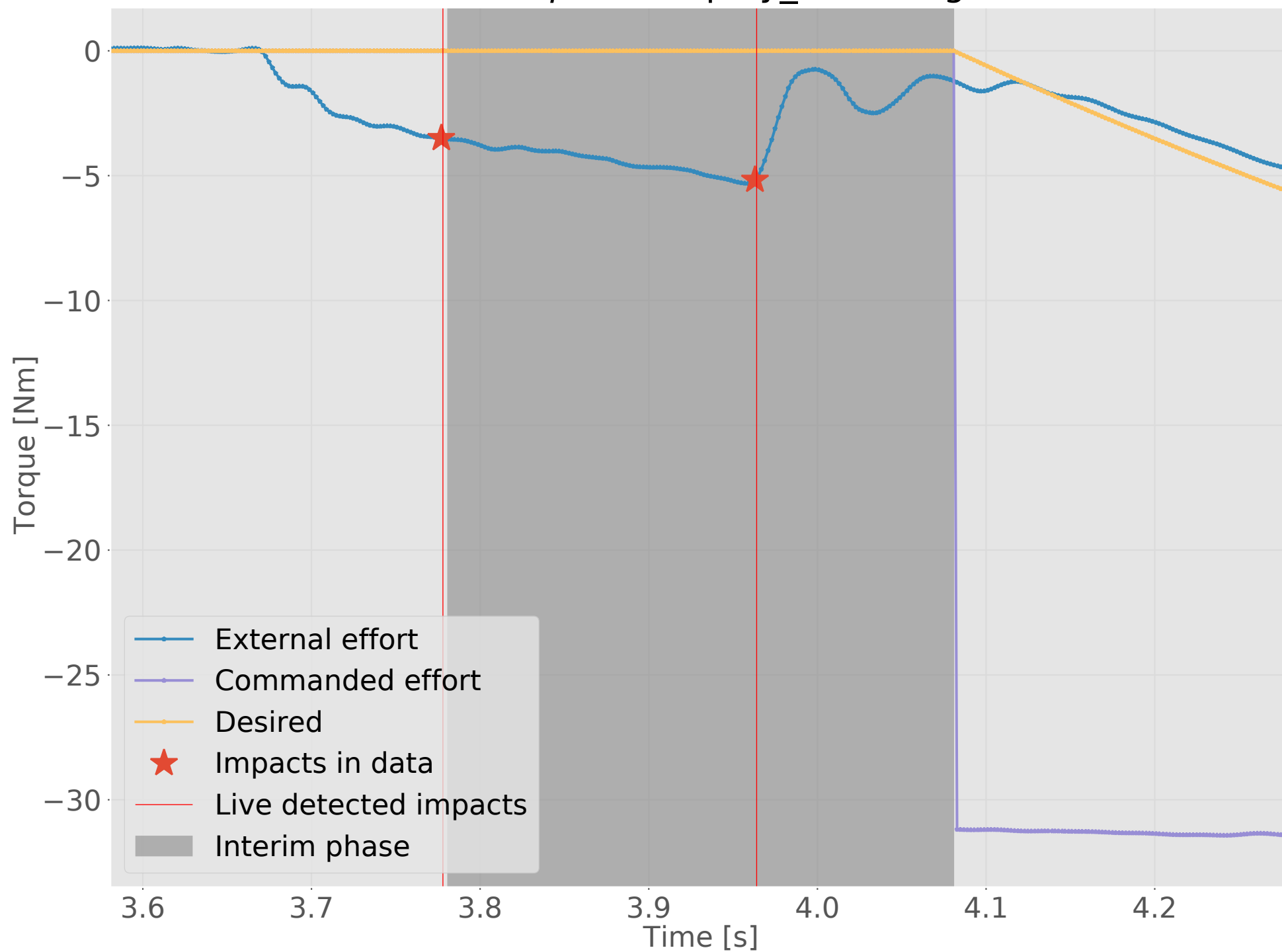




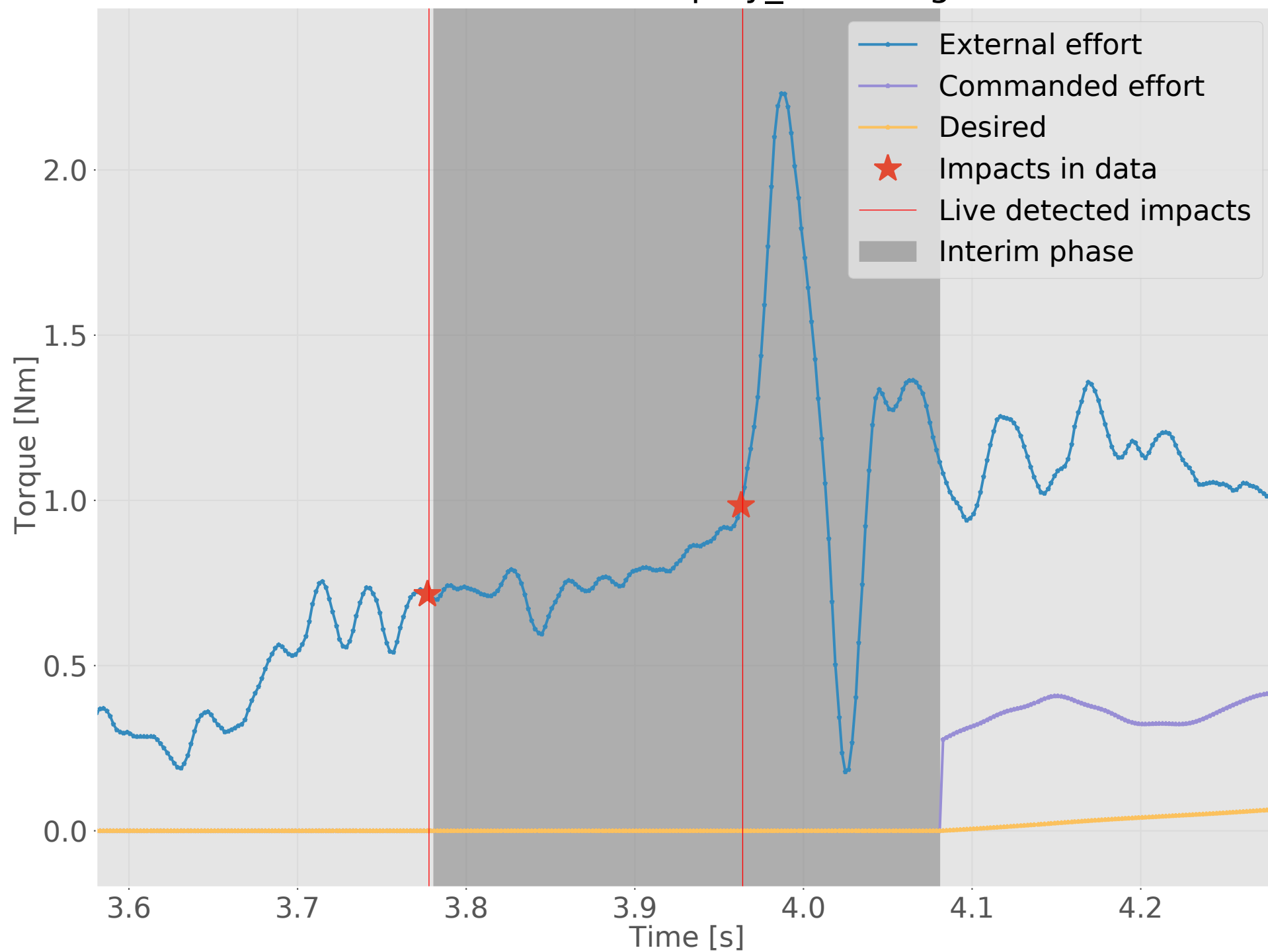
Effort Z data/replay\_test2.bag



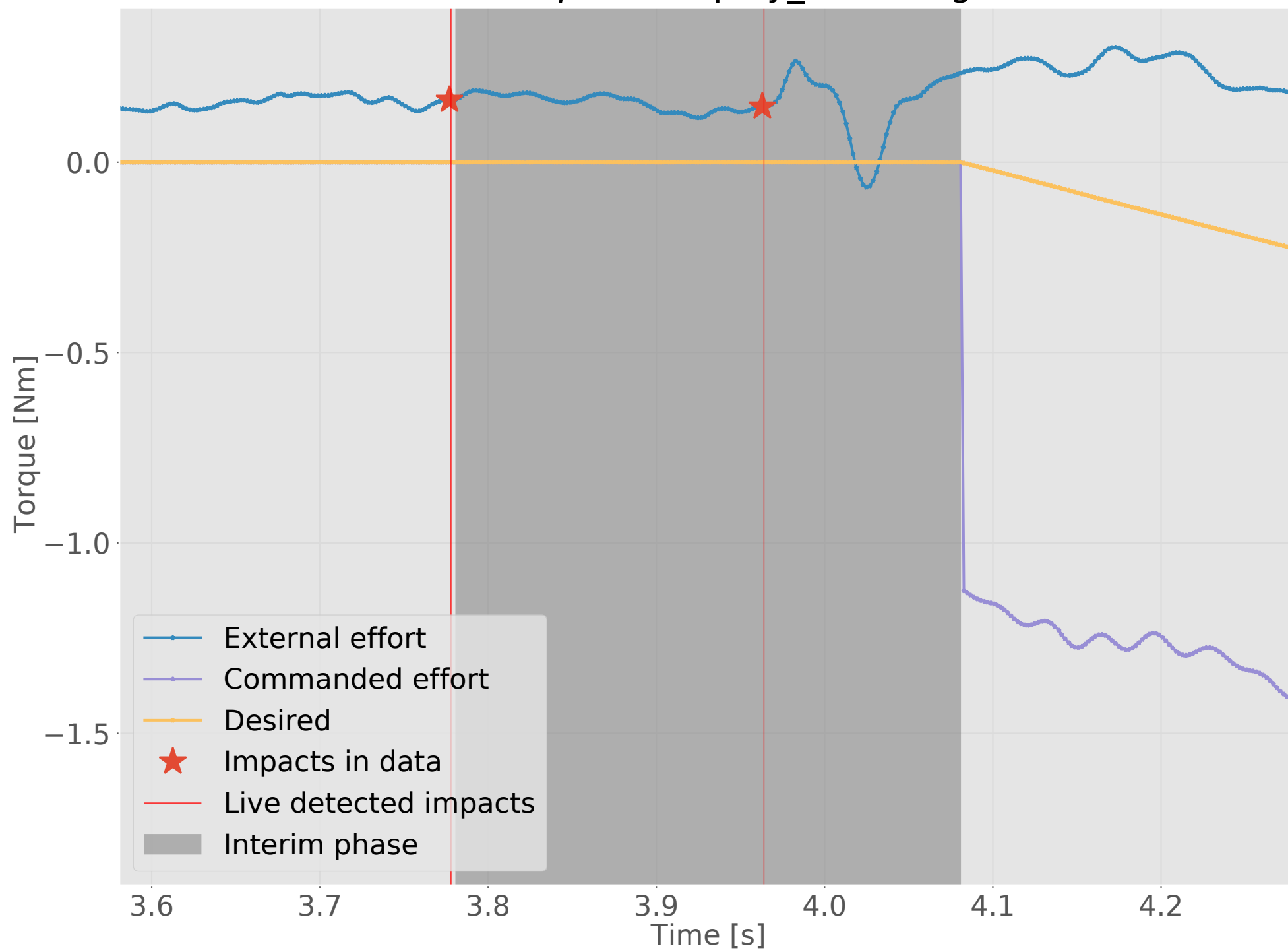
Effort  $\phi$  data/replay\_test2.bag



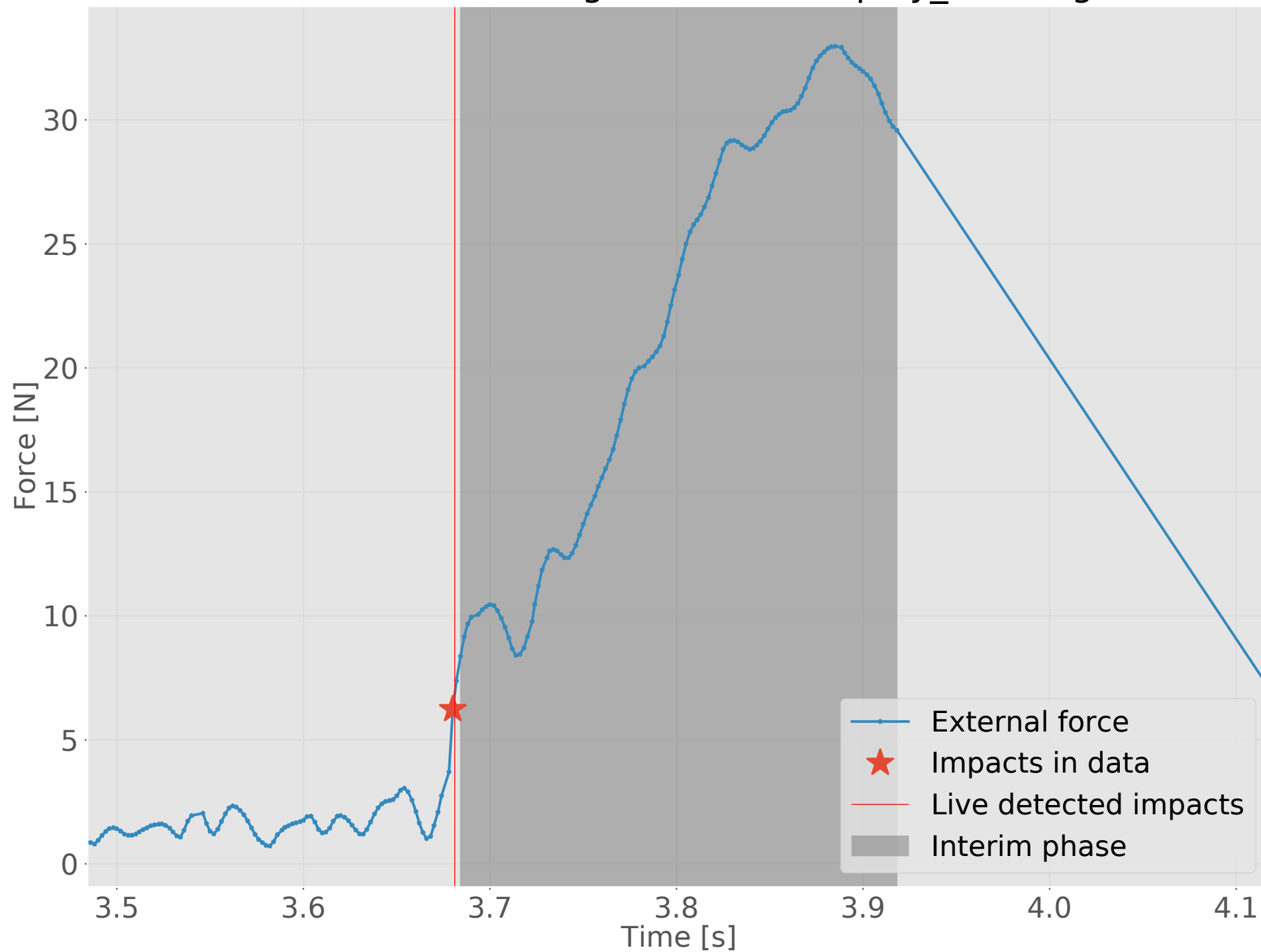
Effort  $\theta$  data/replay\_test2.bag



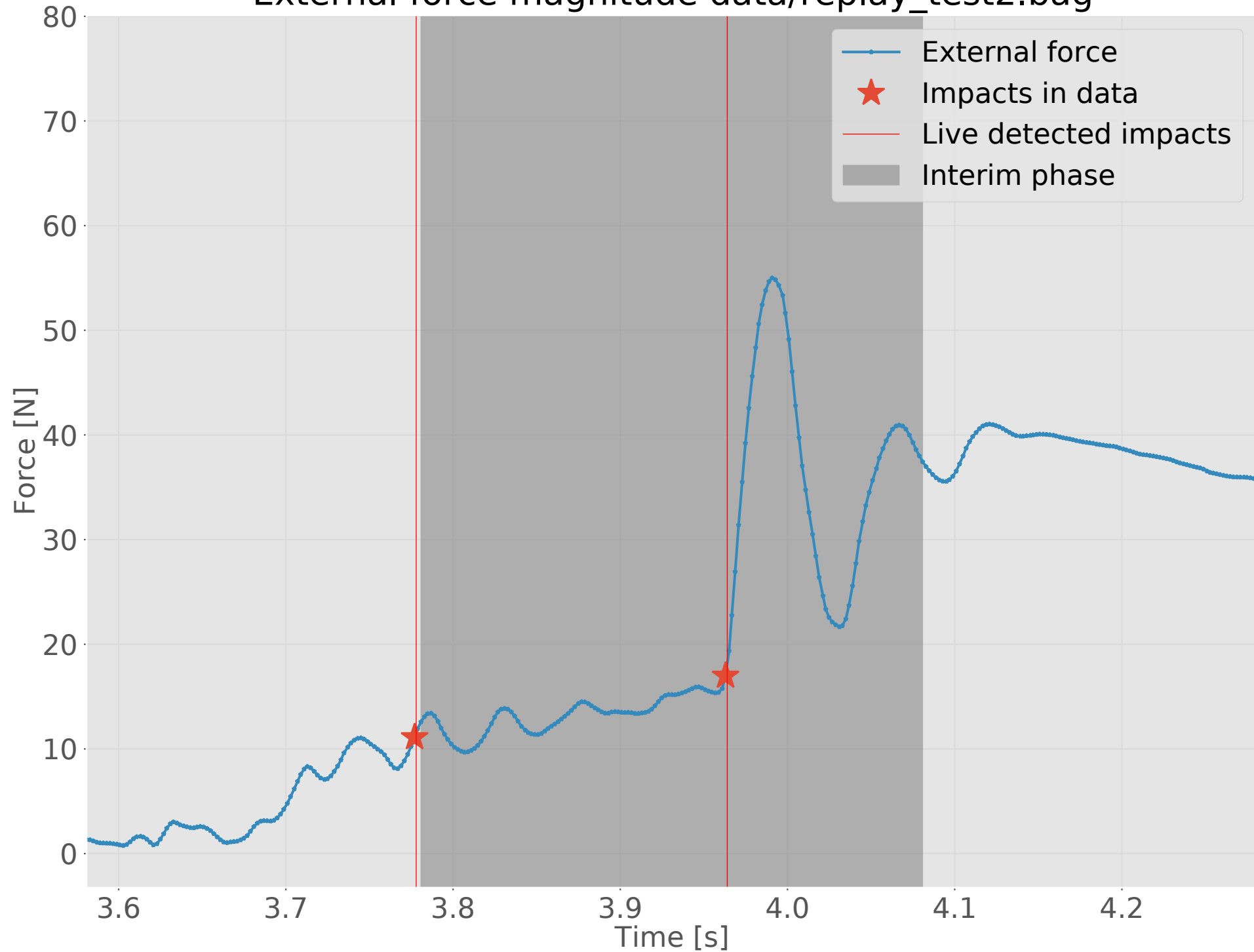
Effort  $\psi$  data/replay\_test2.bag



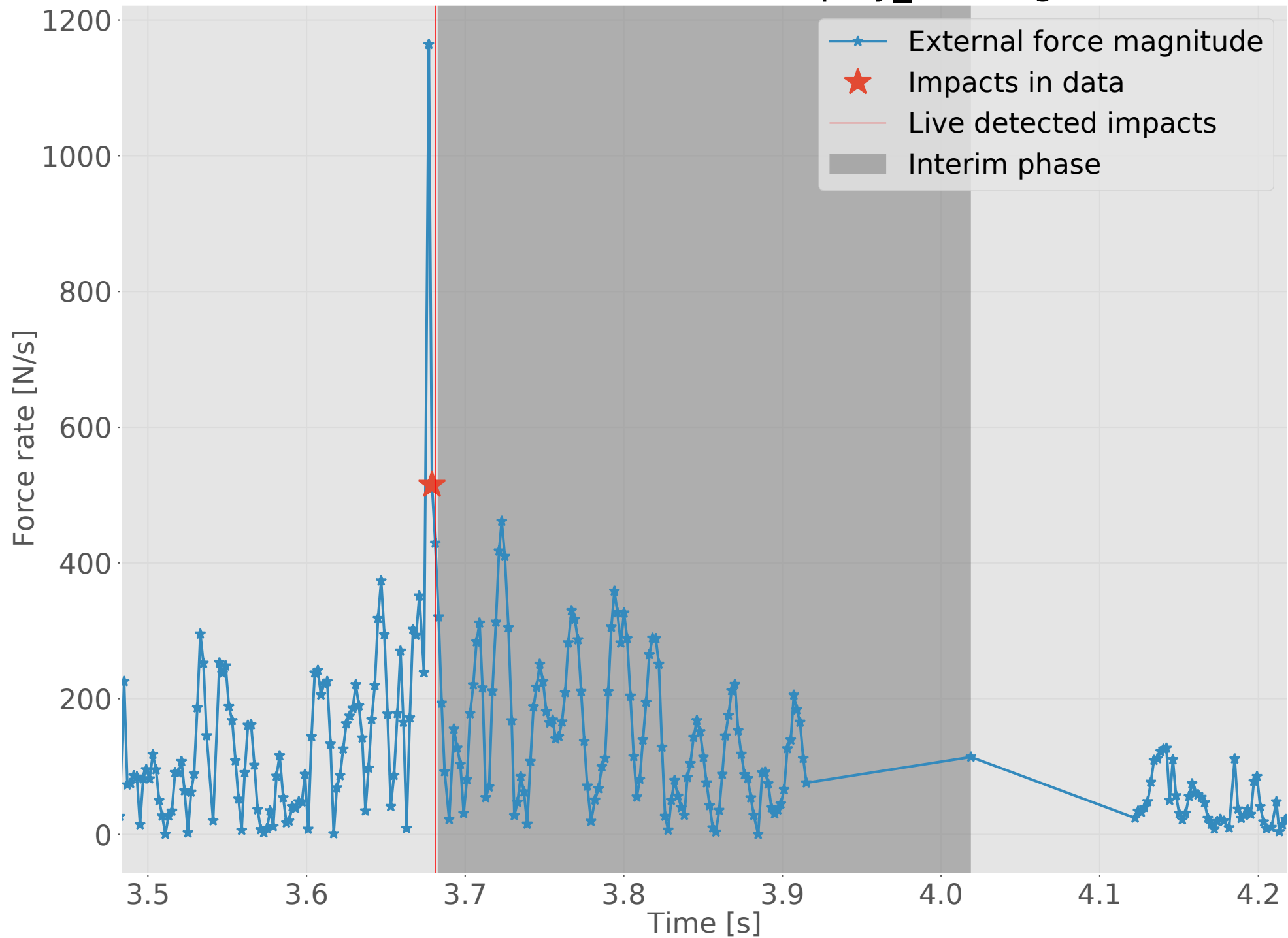
External force magnitude data/replay\_test.bag



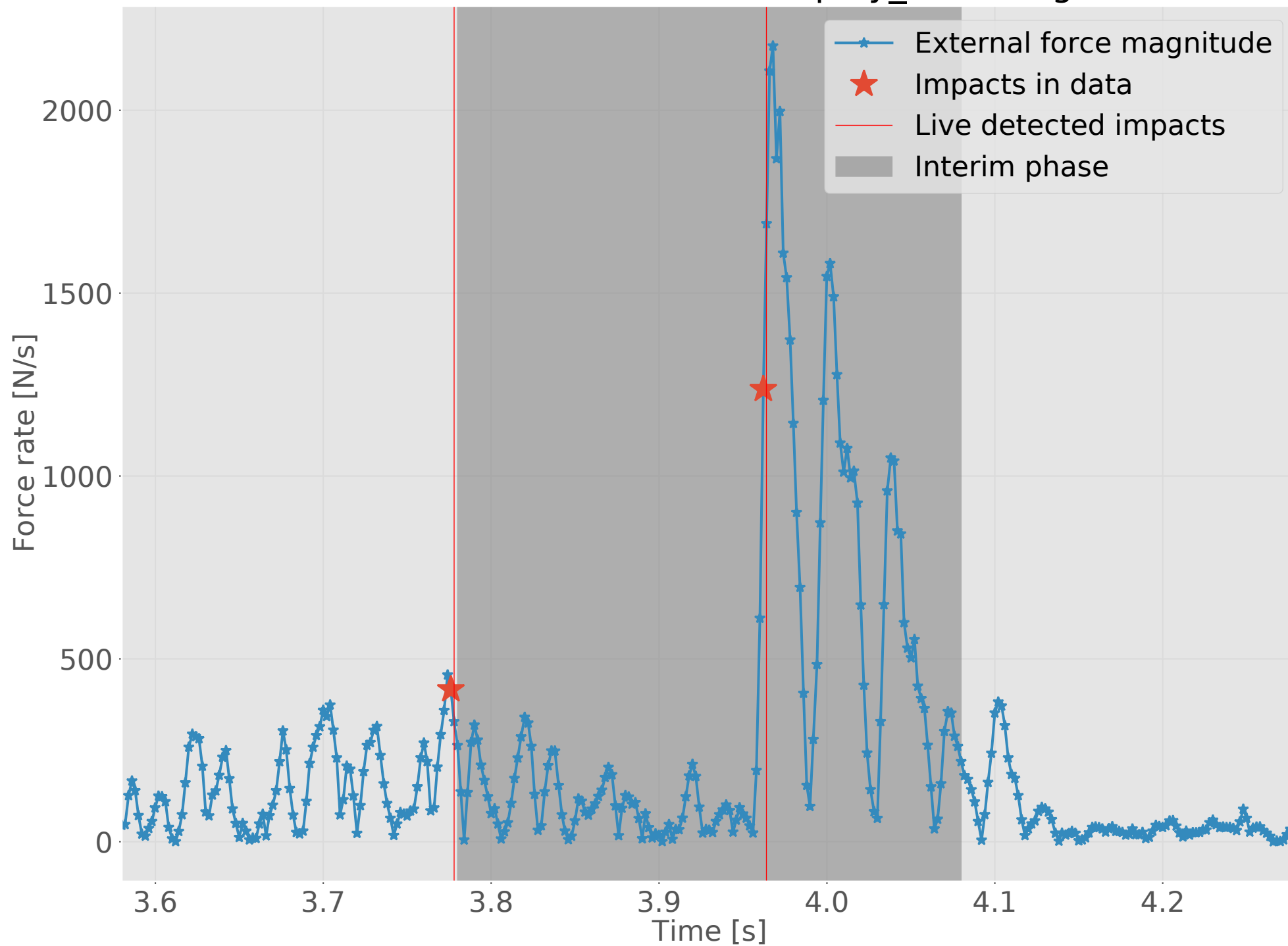
External force magnitude data/replay\_test2.bag



External force rate data/replay\_test.bag

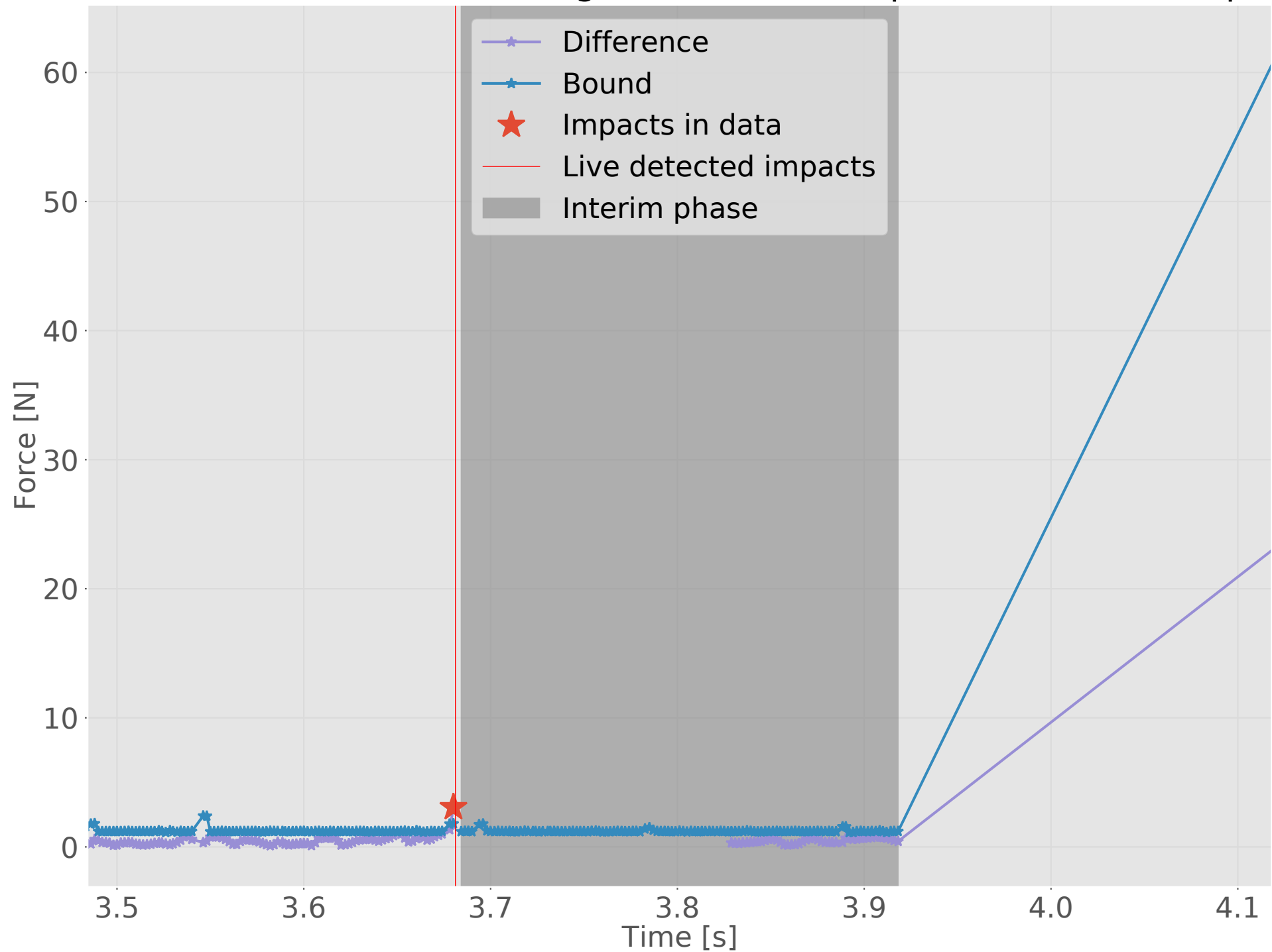


External force rate data/replay\_test2.bag





Difference between external force magnitude data and predictions data/replay\_test.b



Difference between external force magnitude data and predictions data/replay\_test2.b

