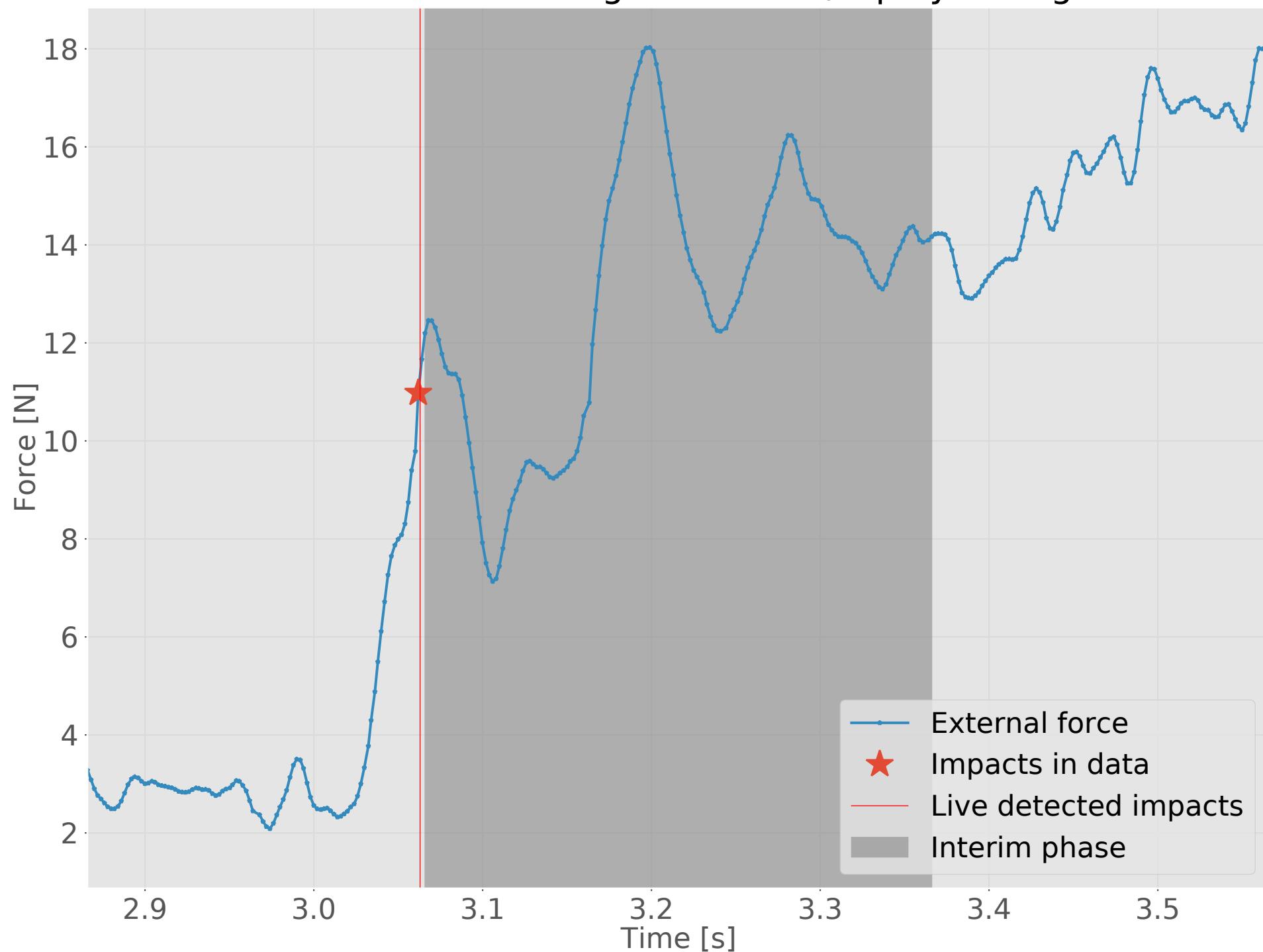
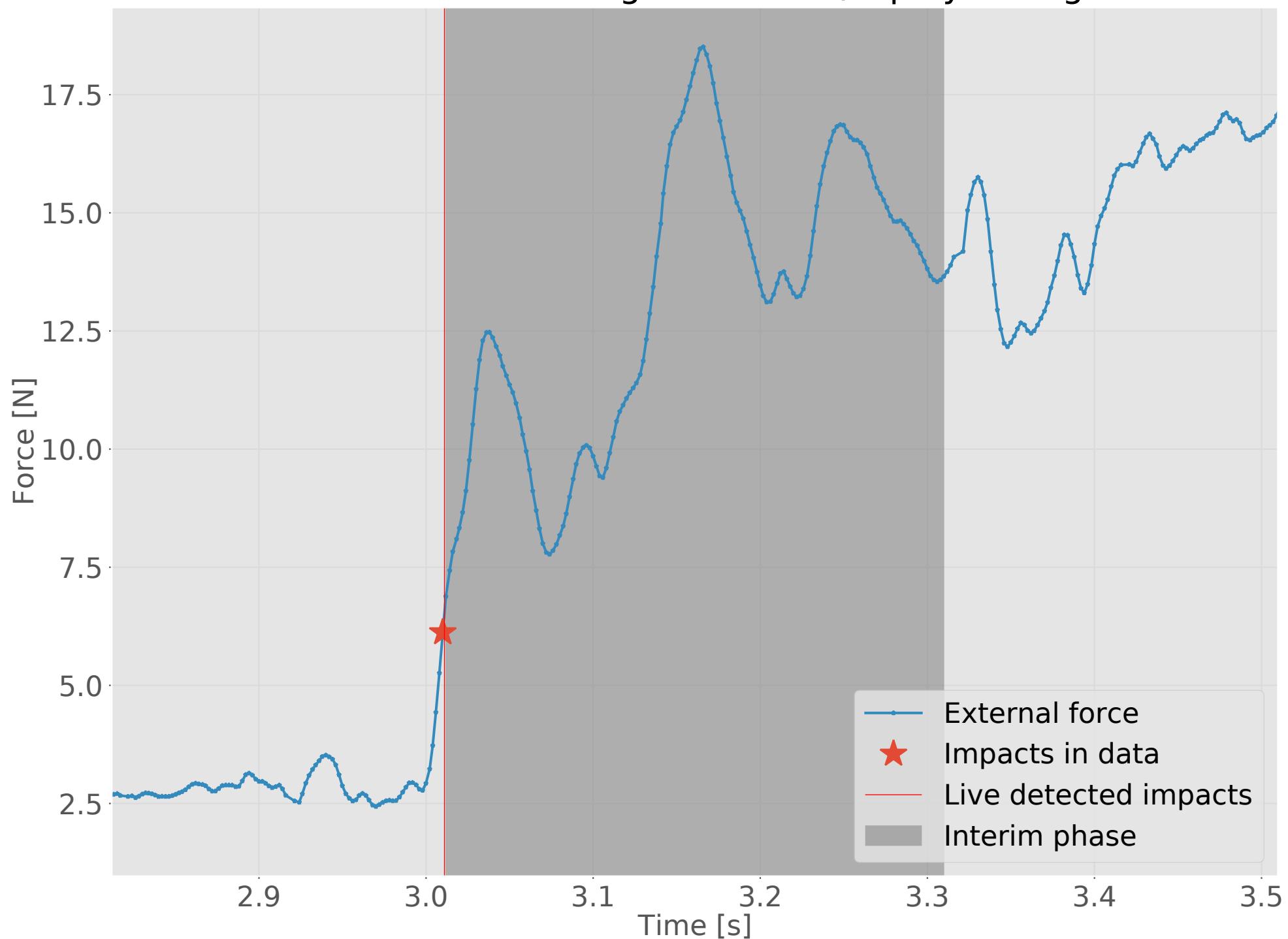


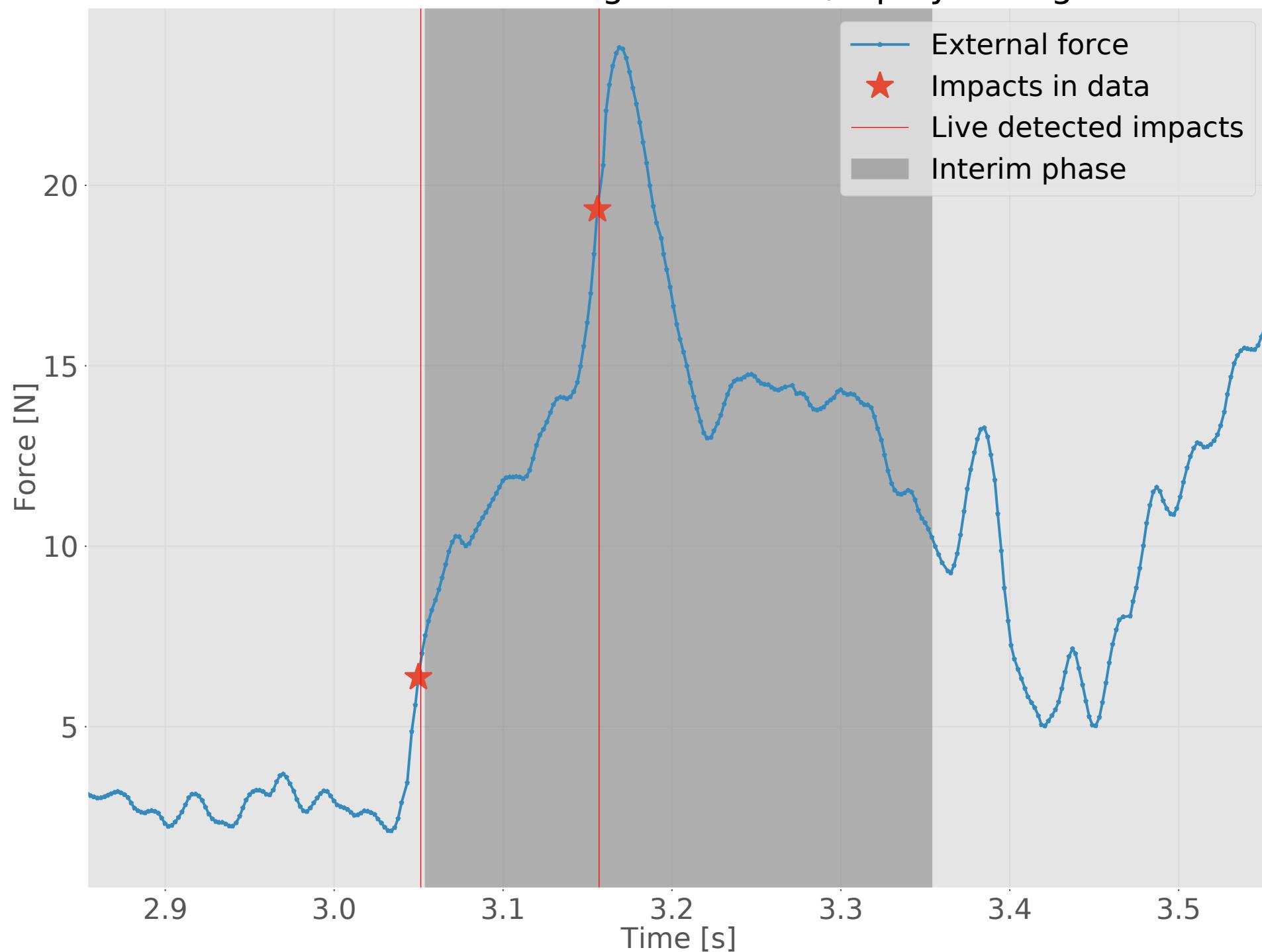
## External force magnitude data/replay28.bag



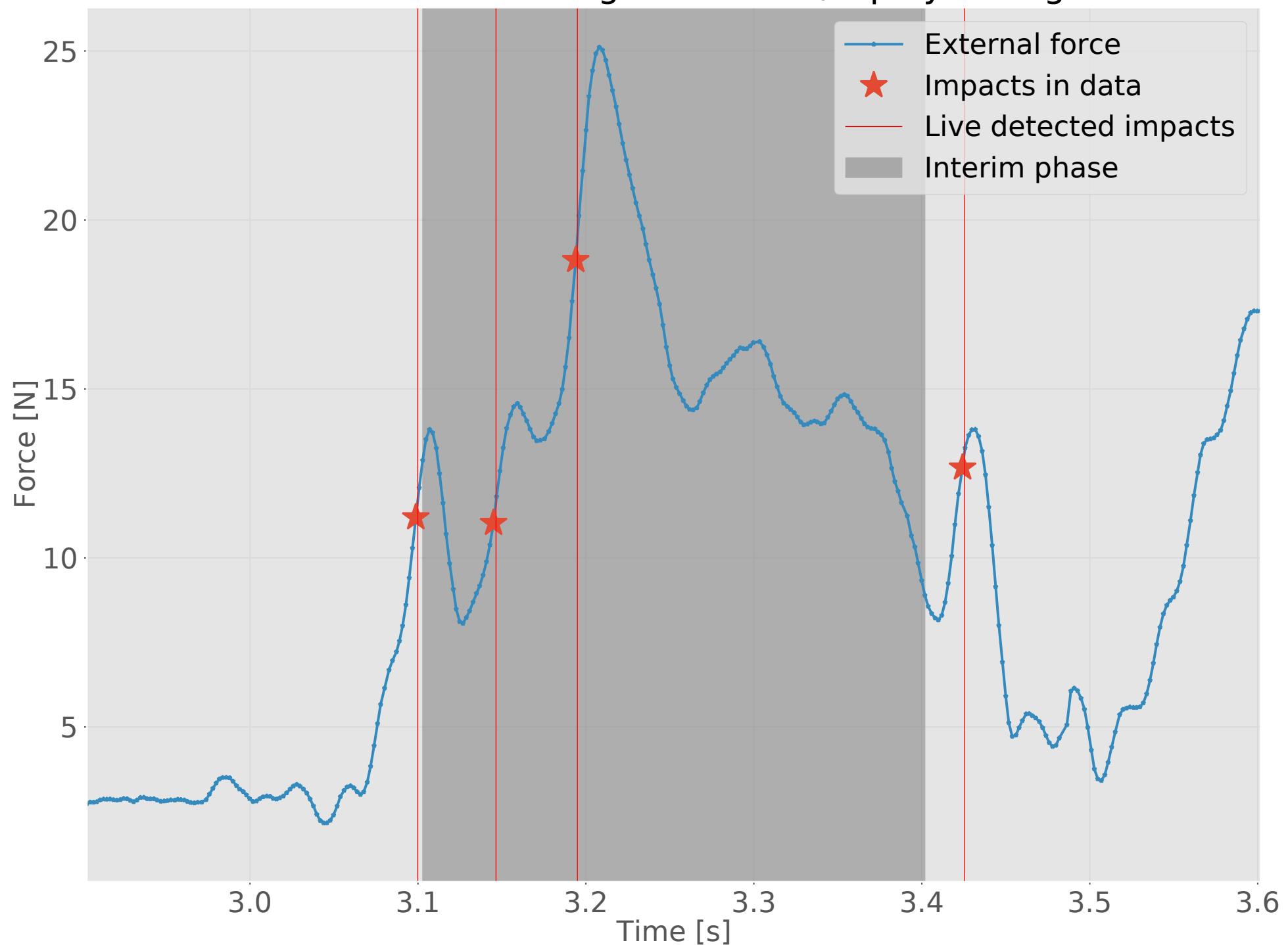
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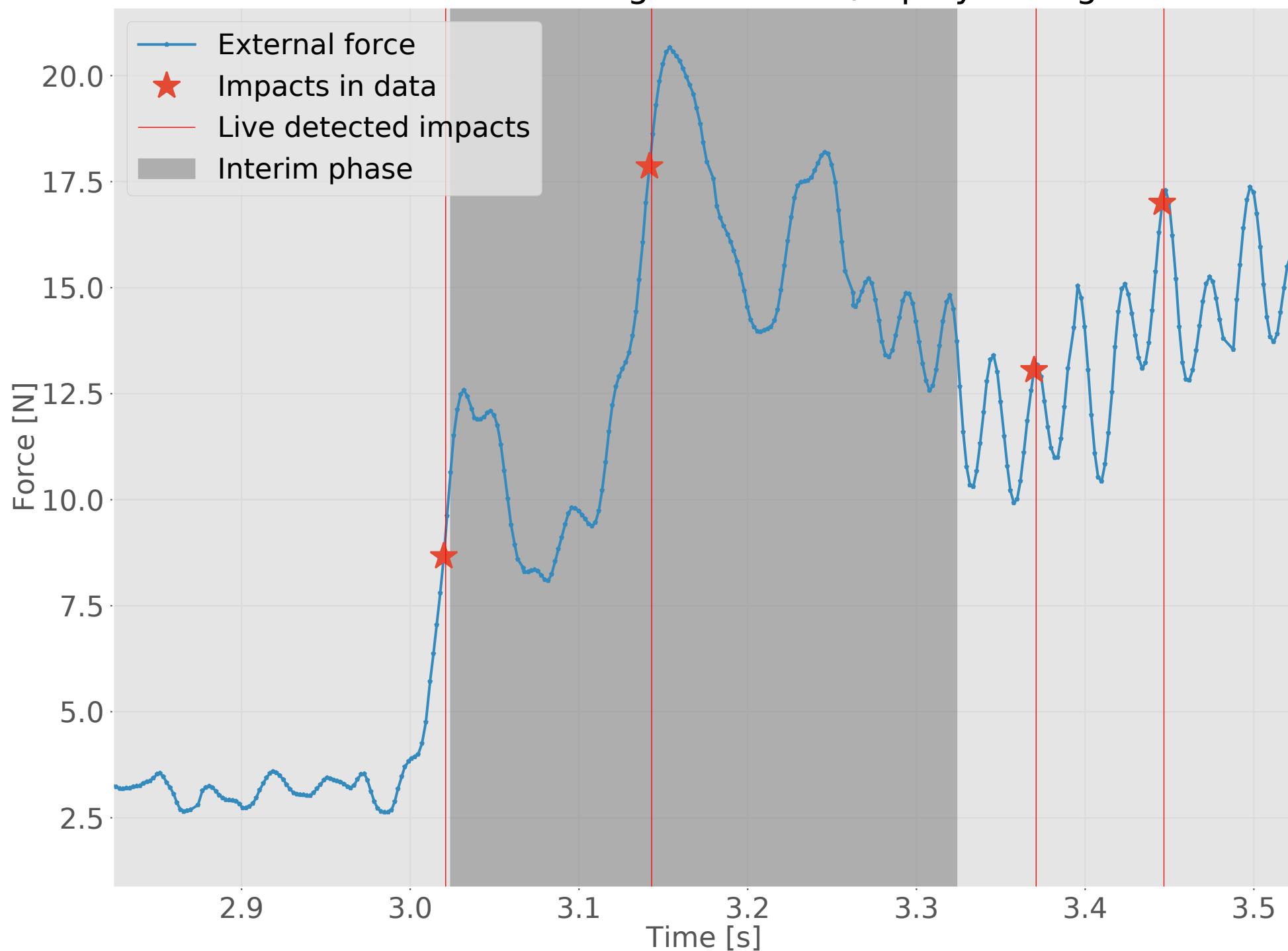
## External force magnitude data/replay30.bag



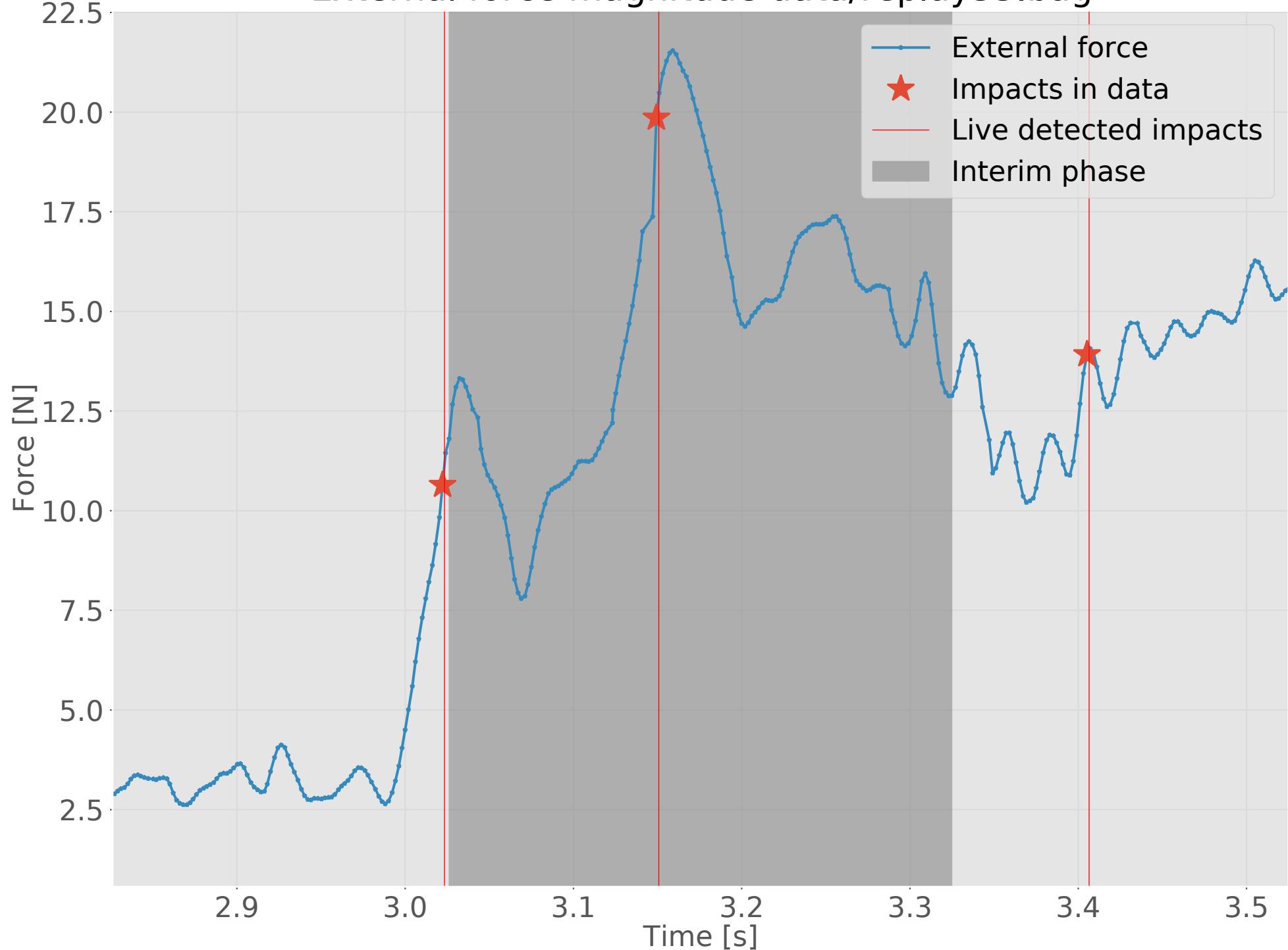
## External force magnitude data/replay31.bag



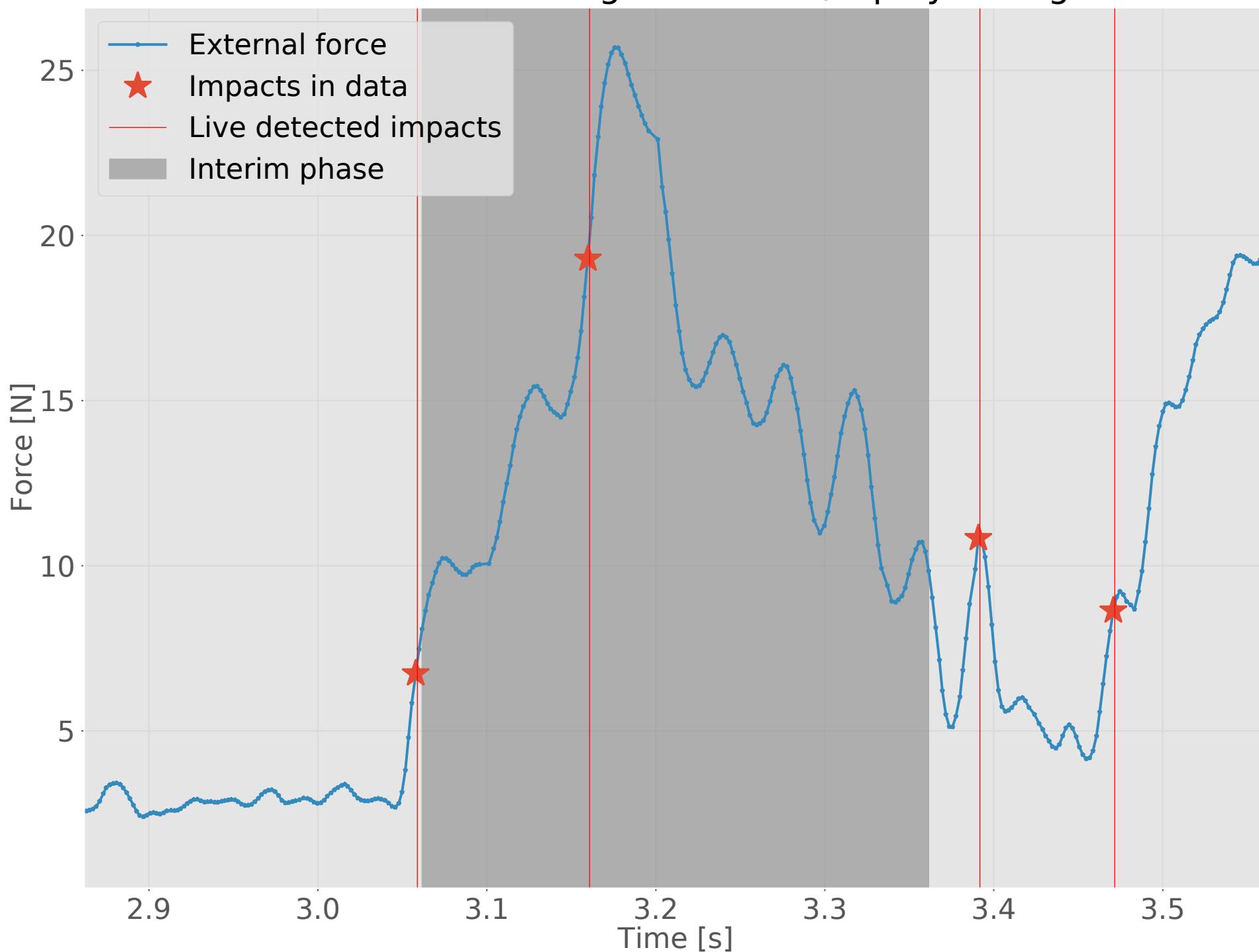
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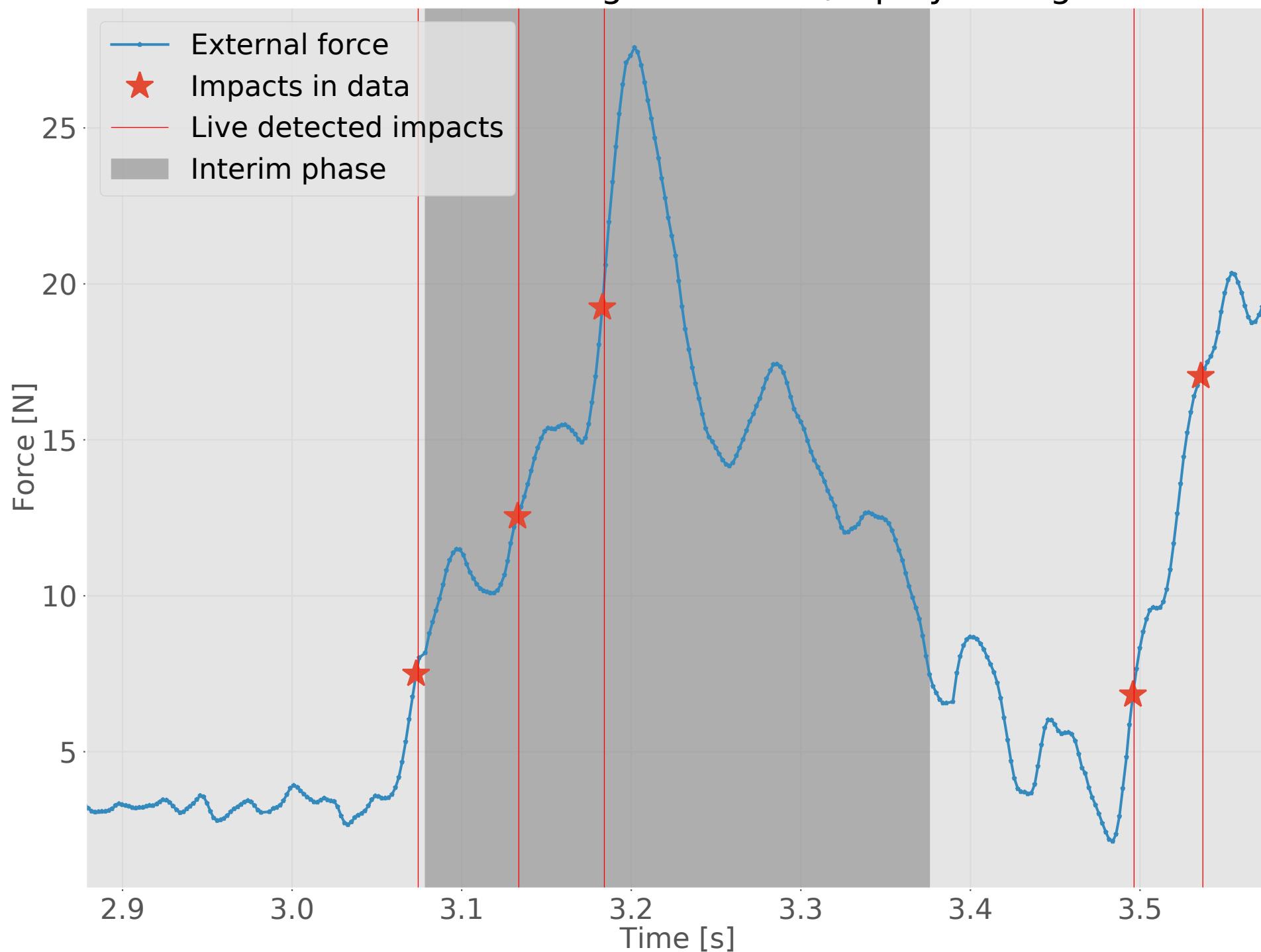
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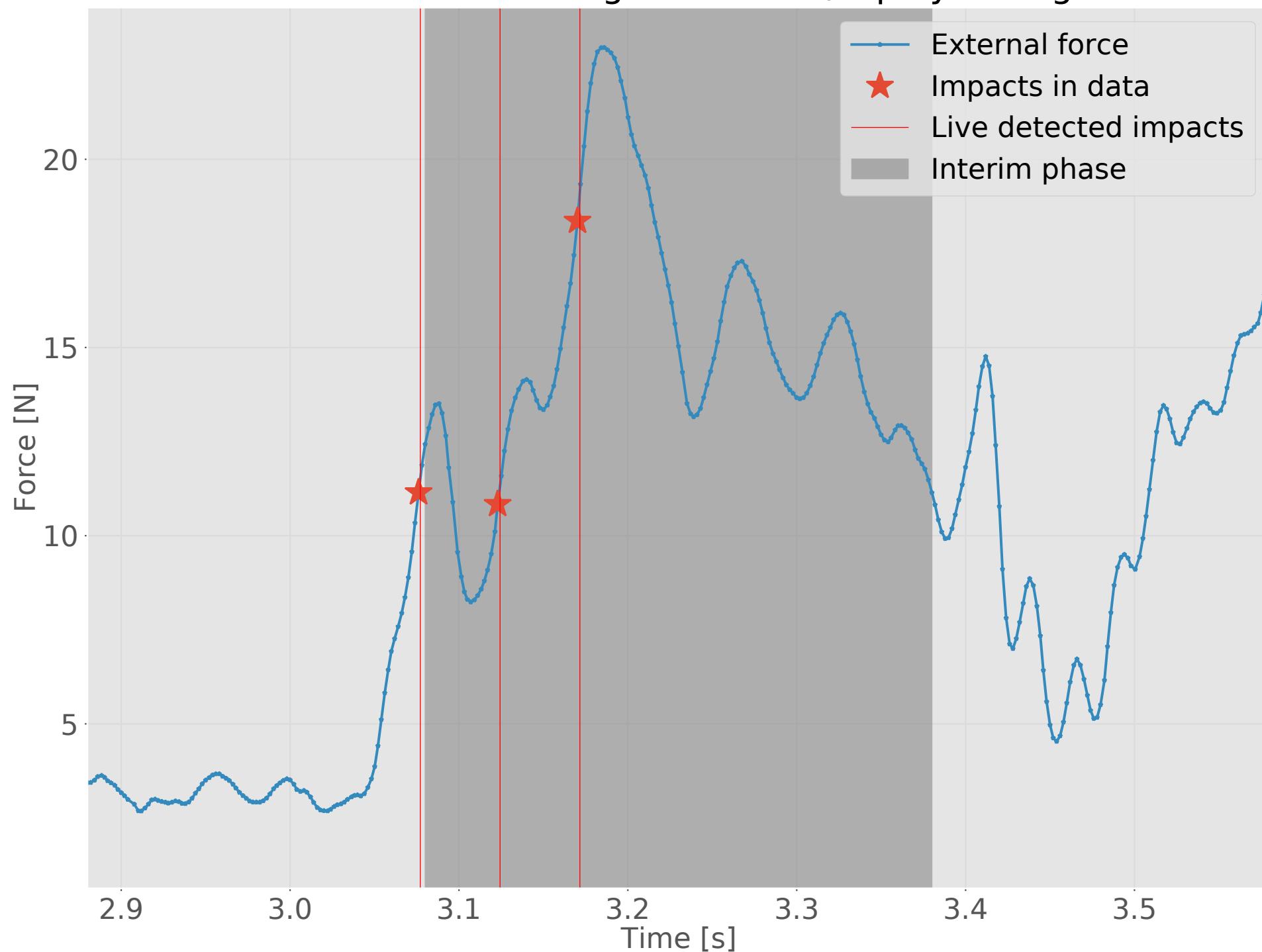
## External force magnitude data/replay34.bag



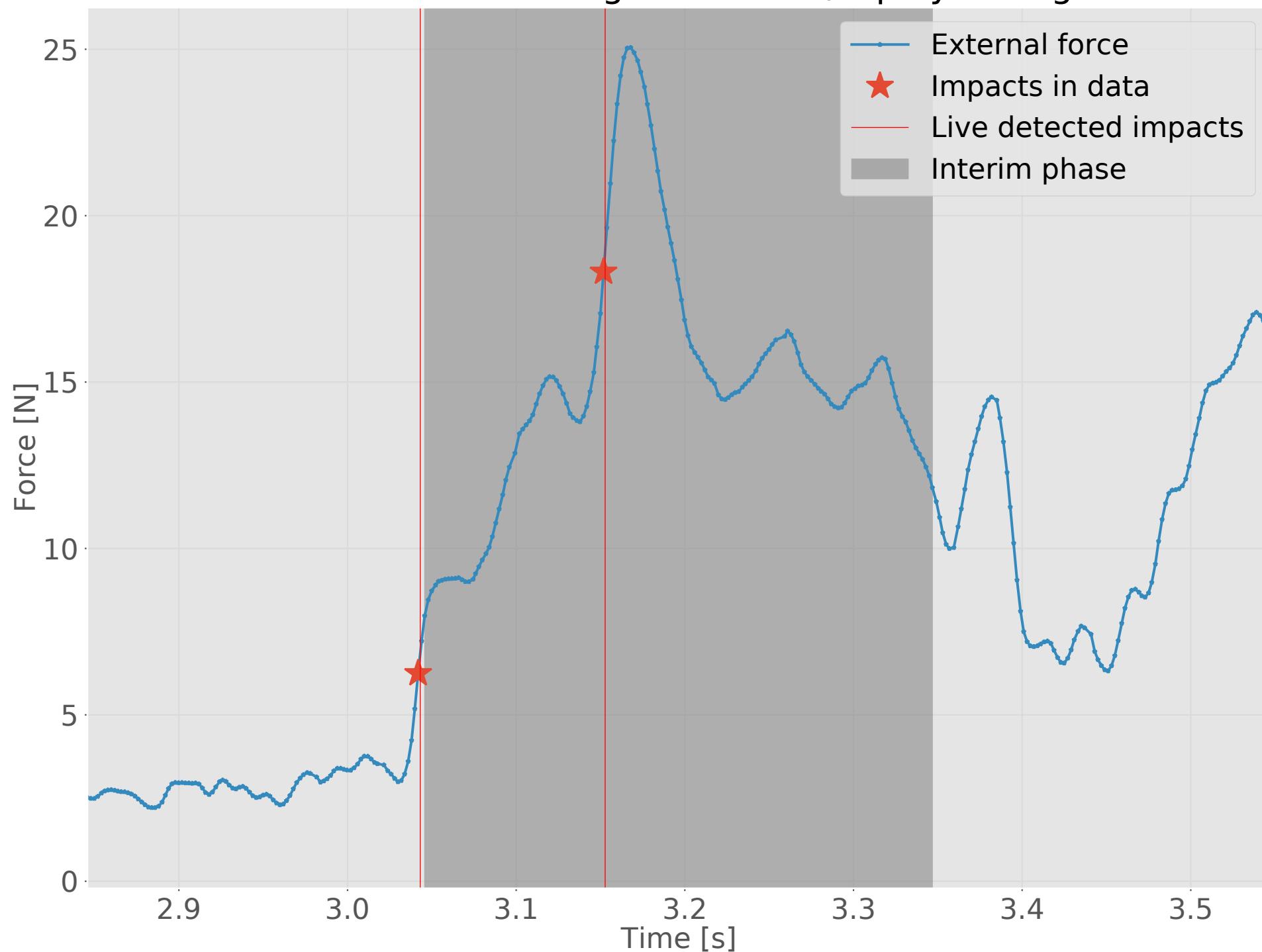
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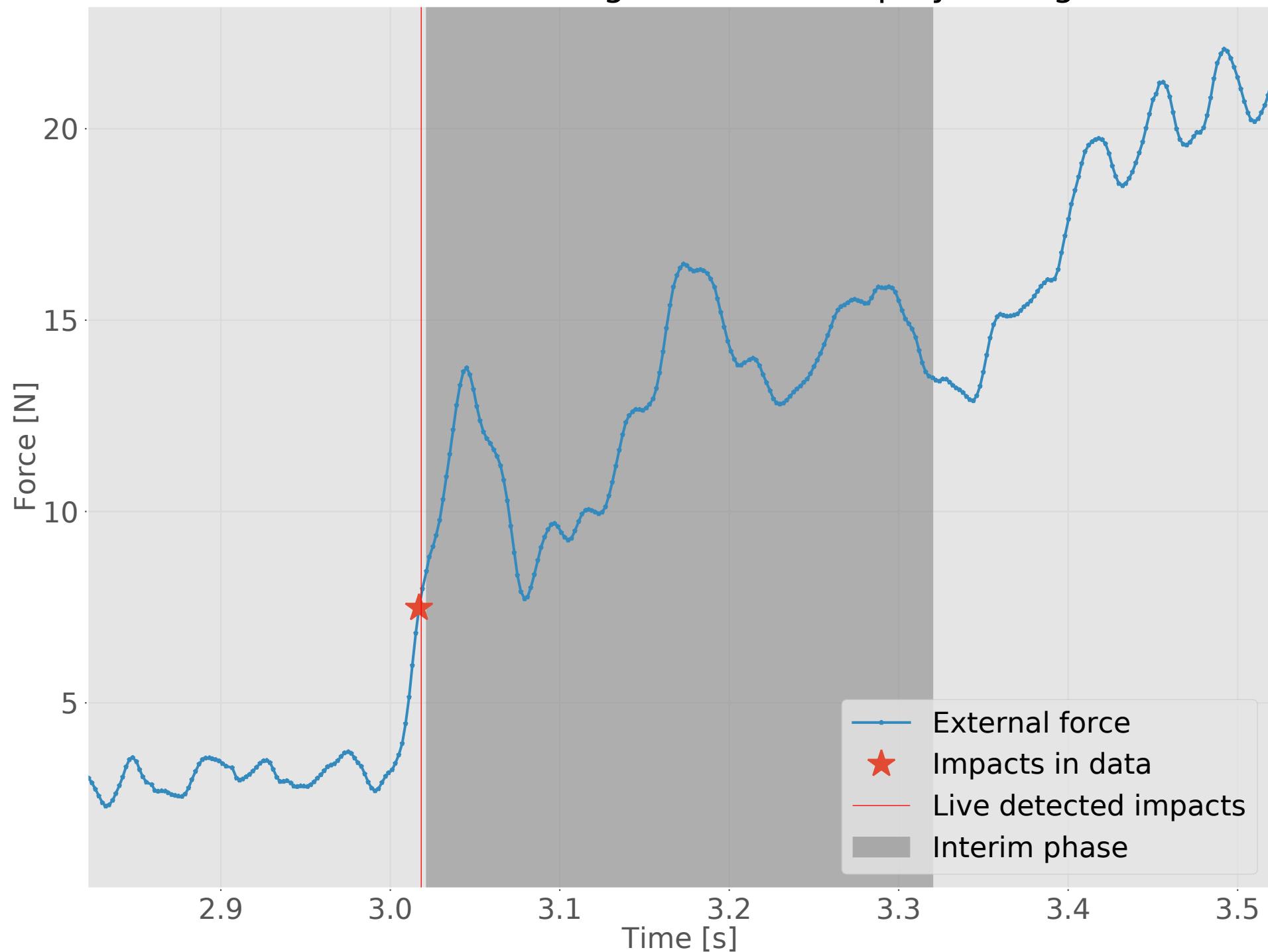
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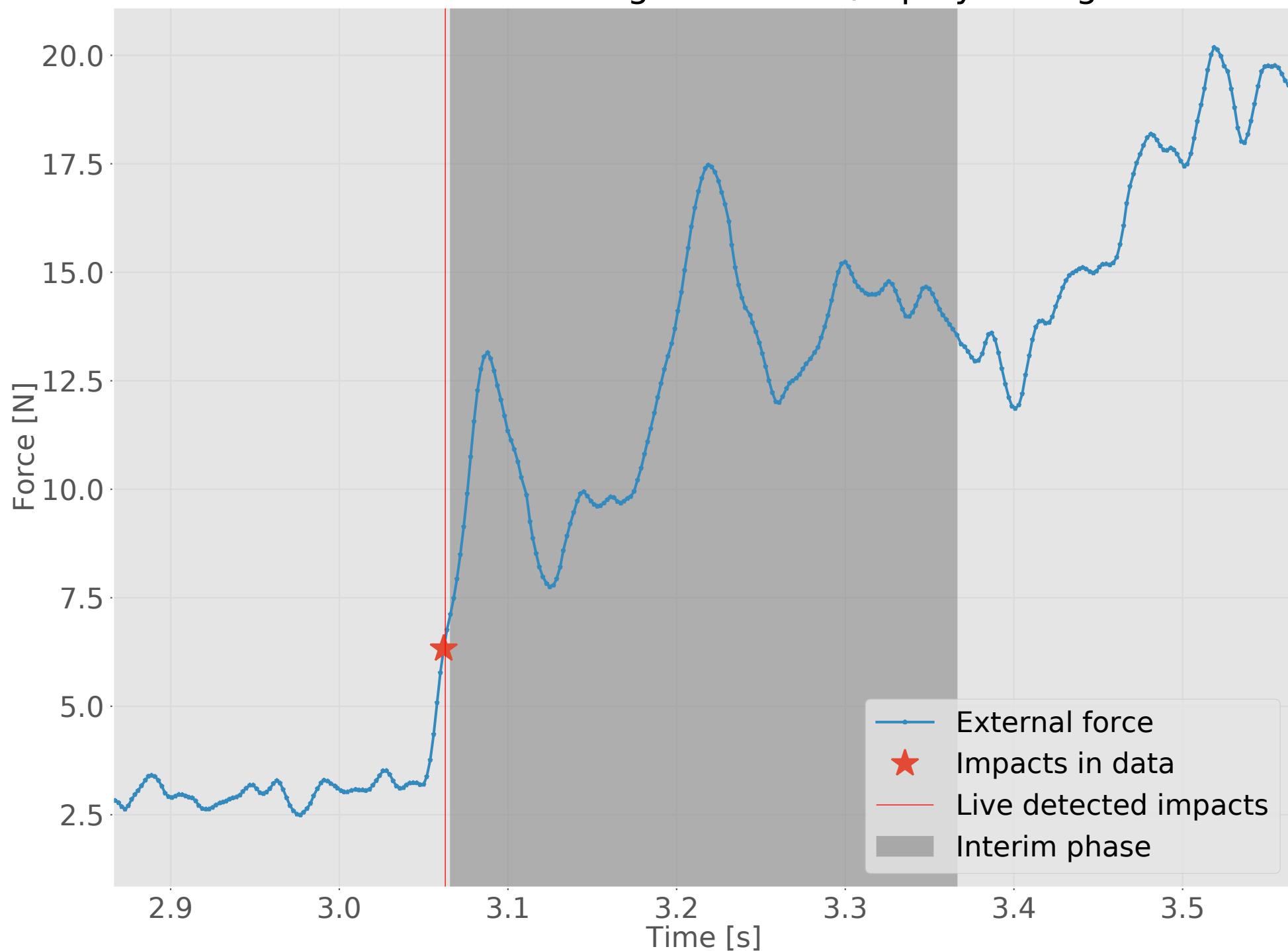
## External force magnitude data/replay37.bag



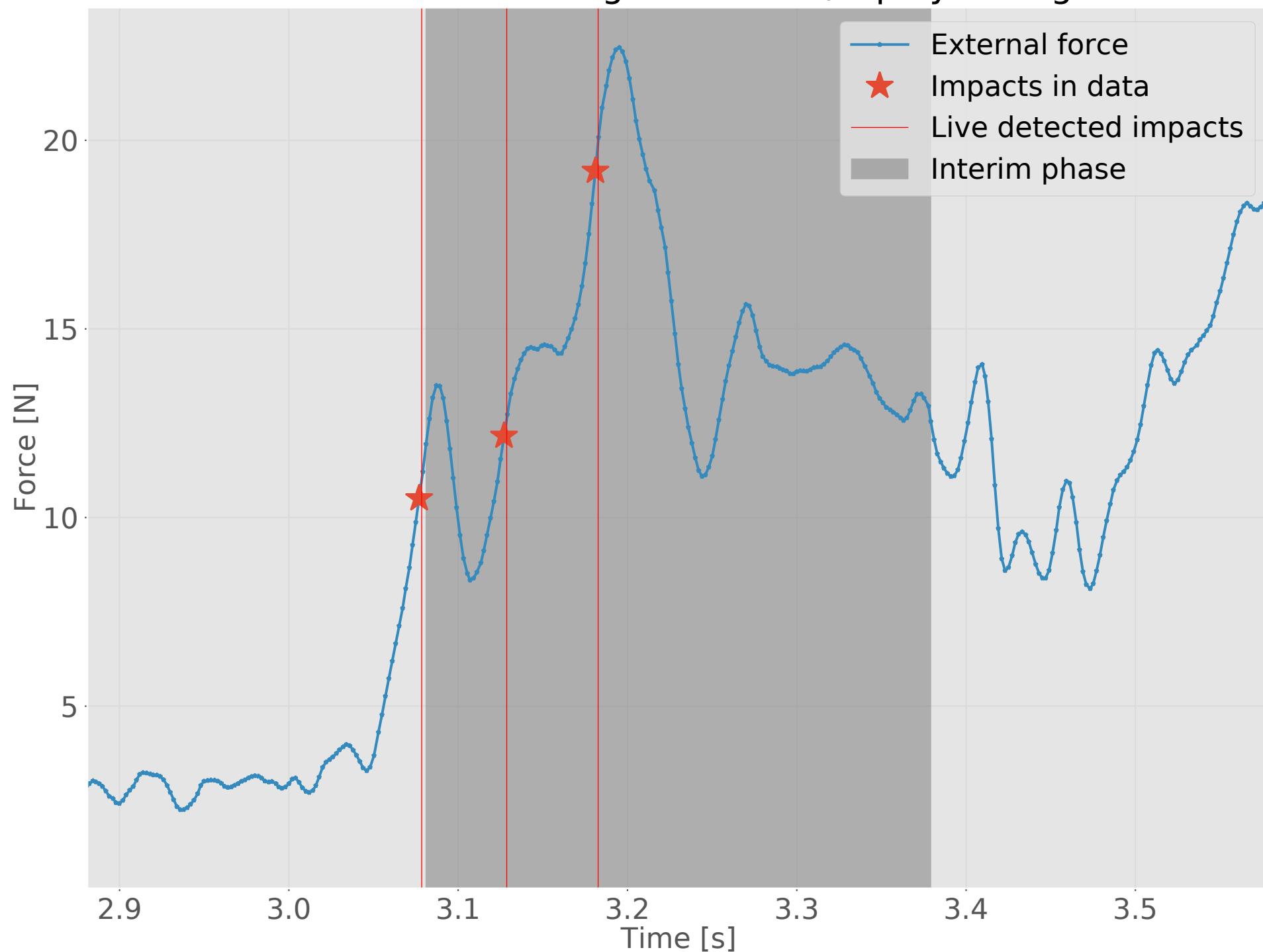
## External force magnitude data/replay38.bag



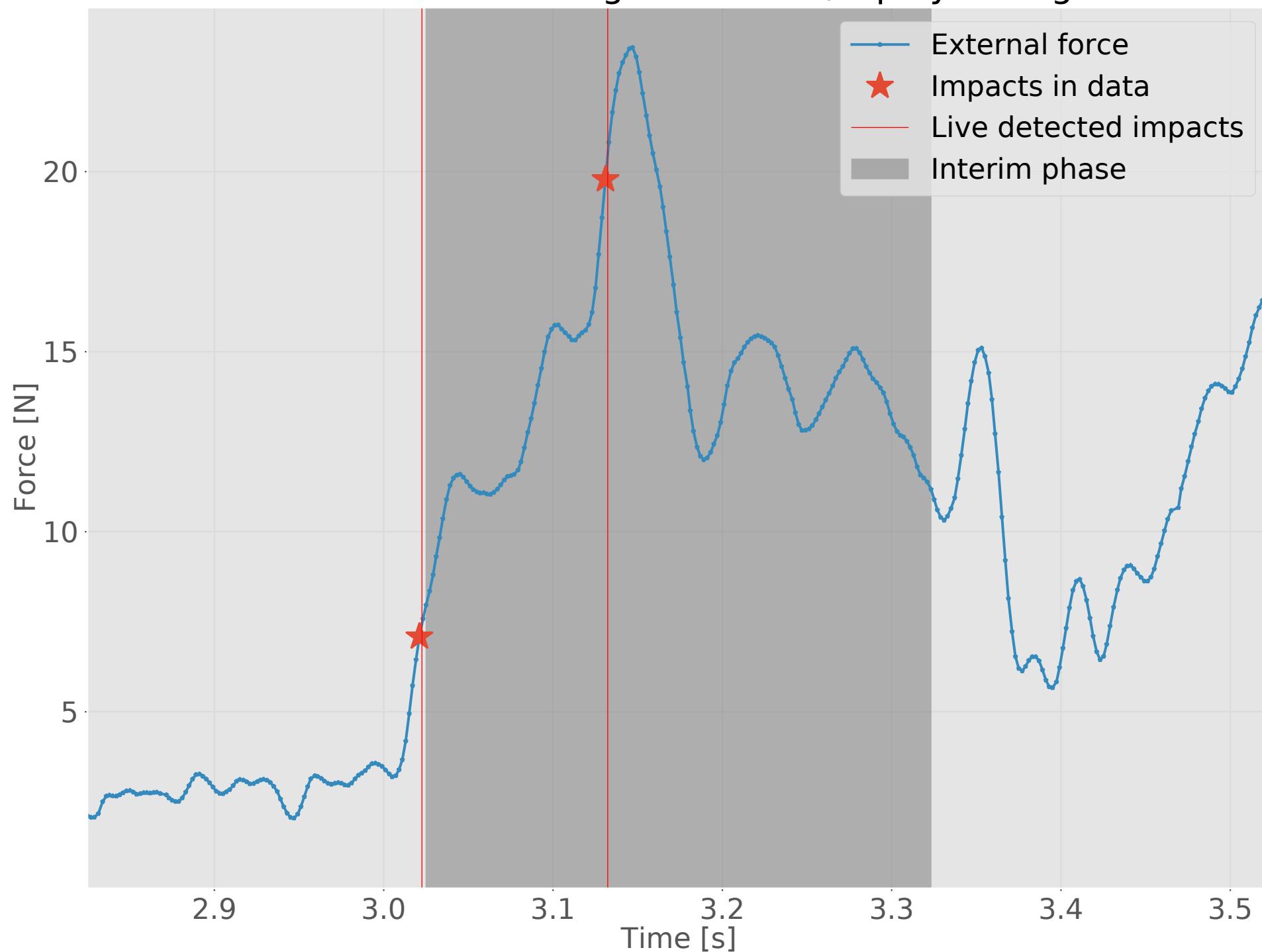
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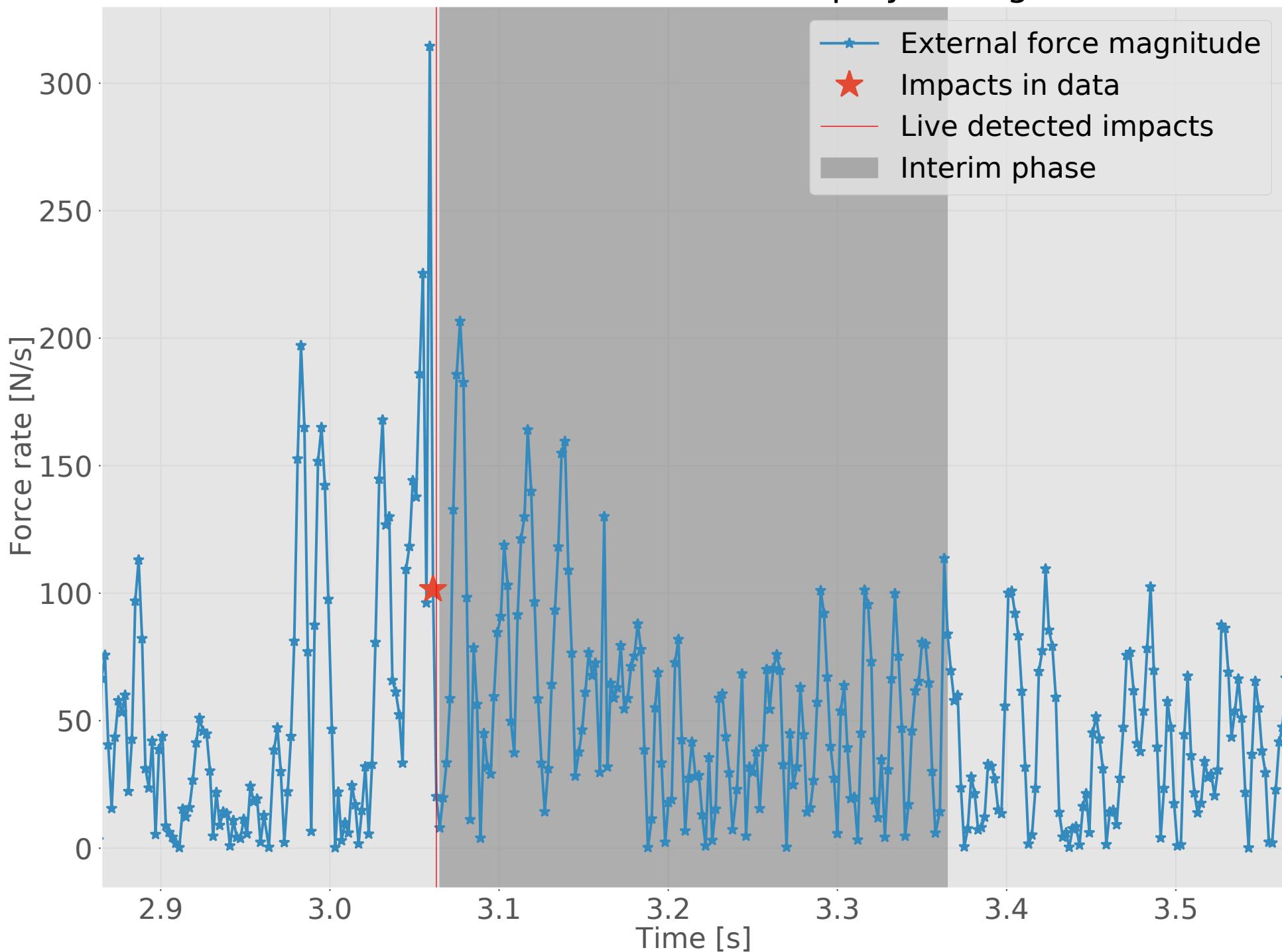
## External force magnitude data/replay40.bag



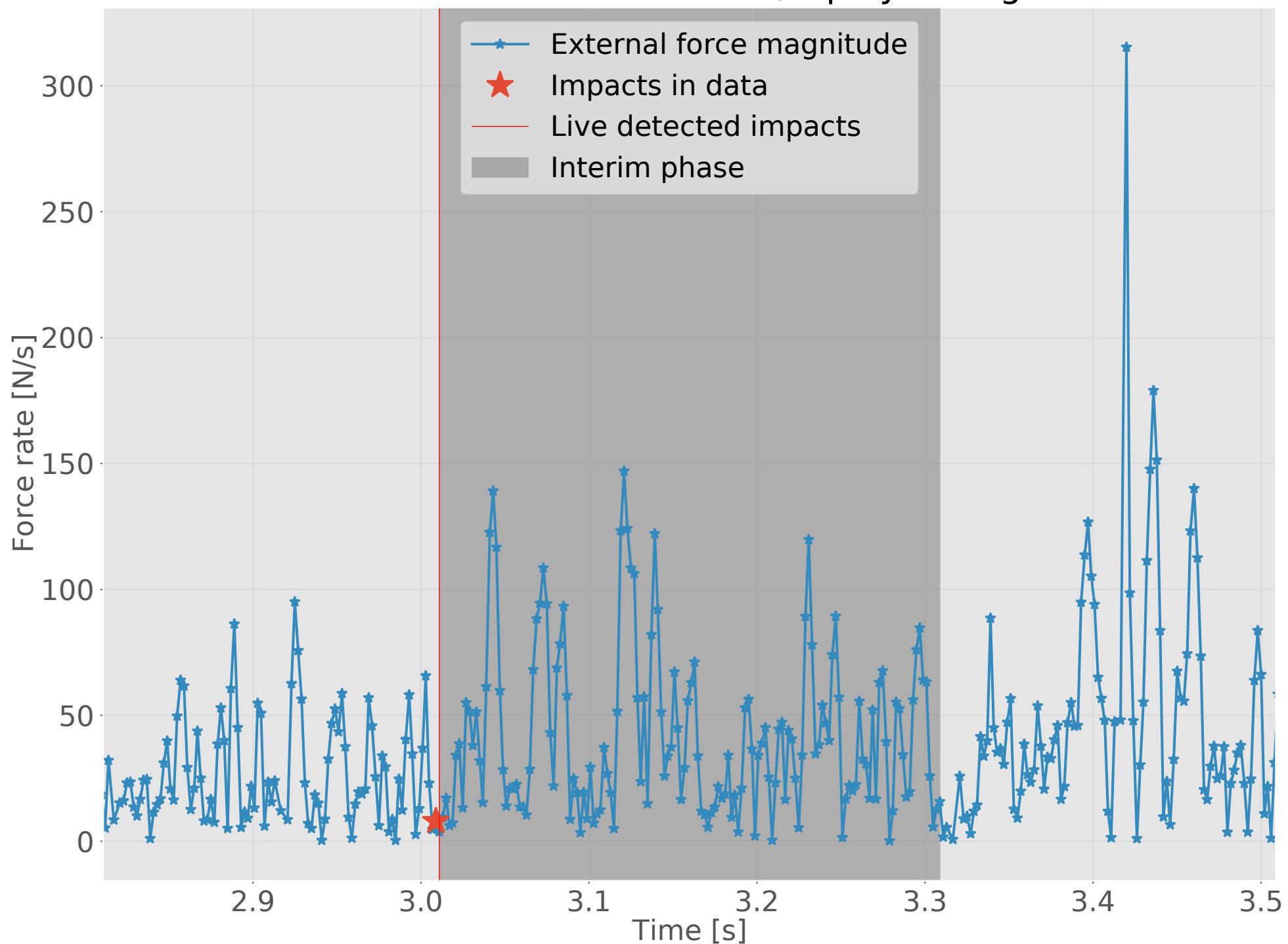
## External force magnitude data/replay41.bag



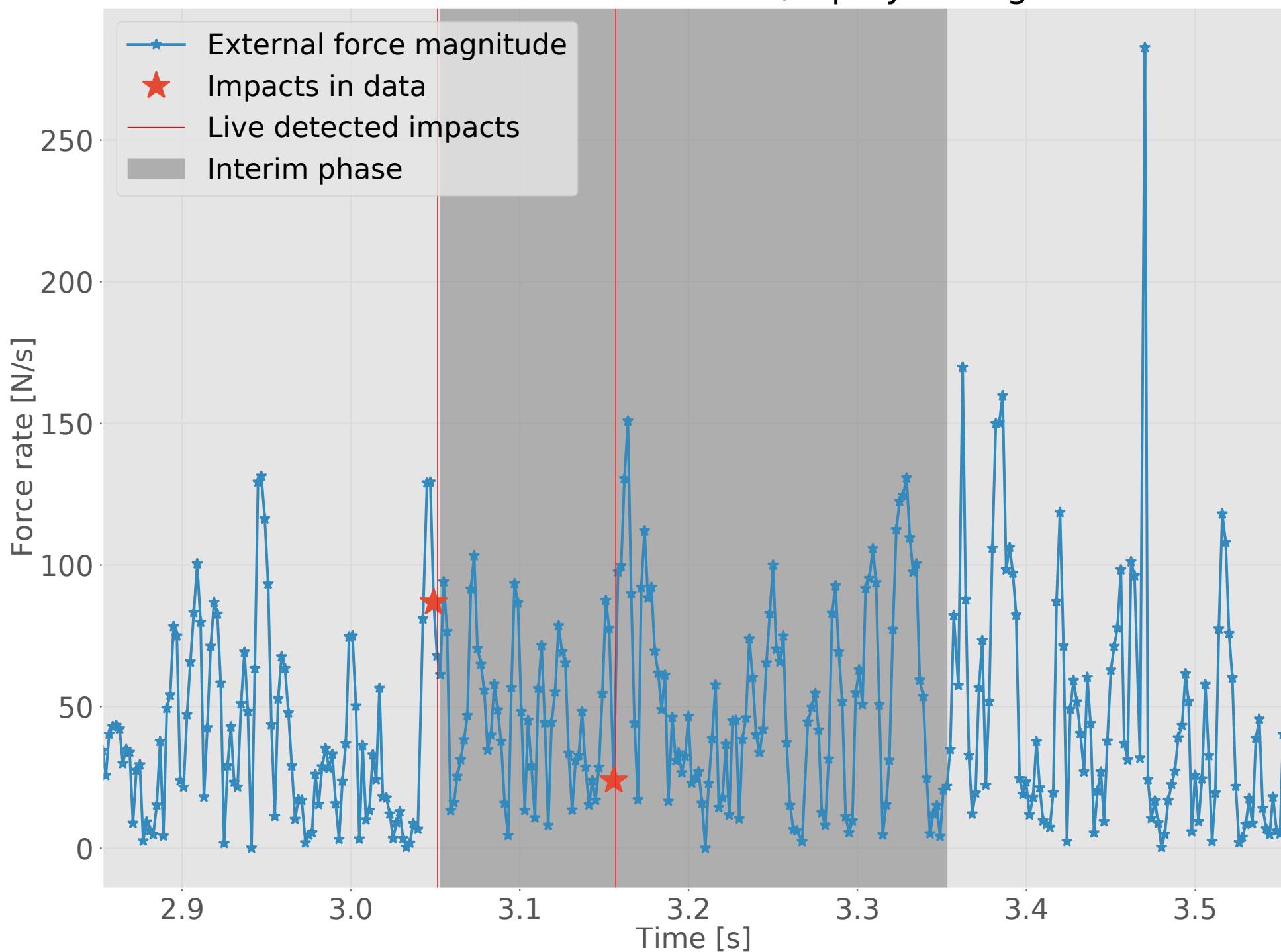
## External force rate data/replay28.bag



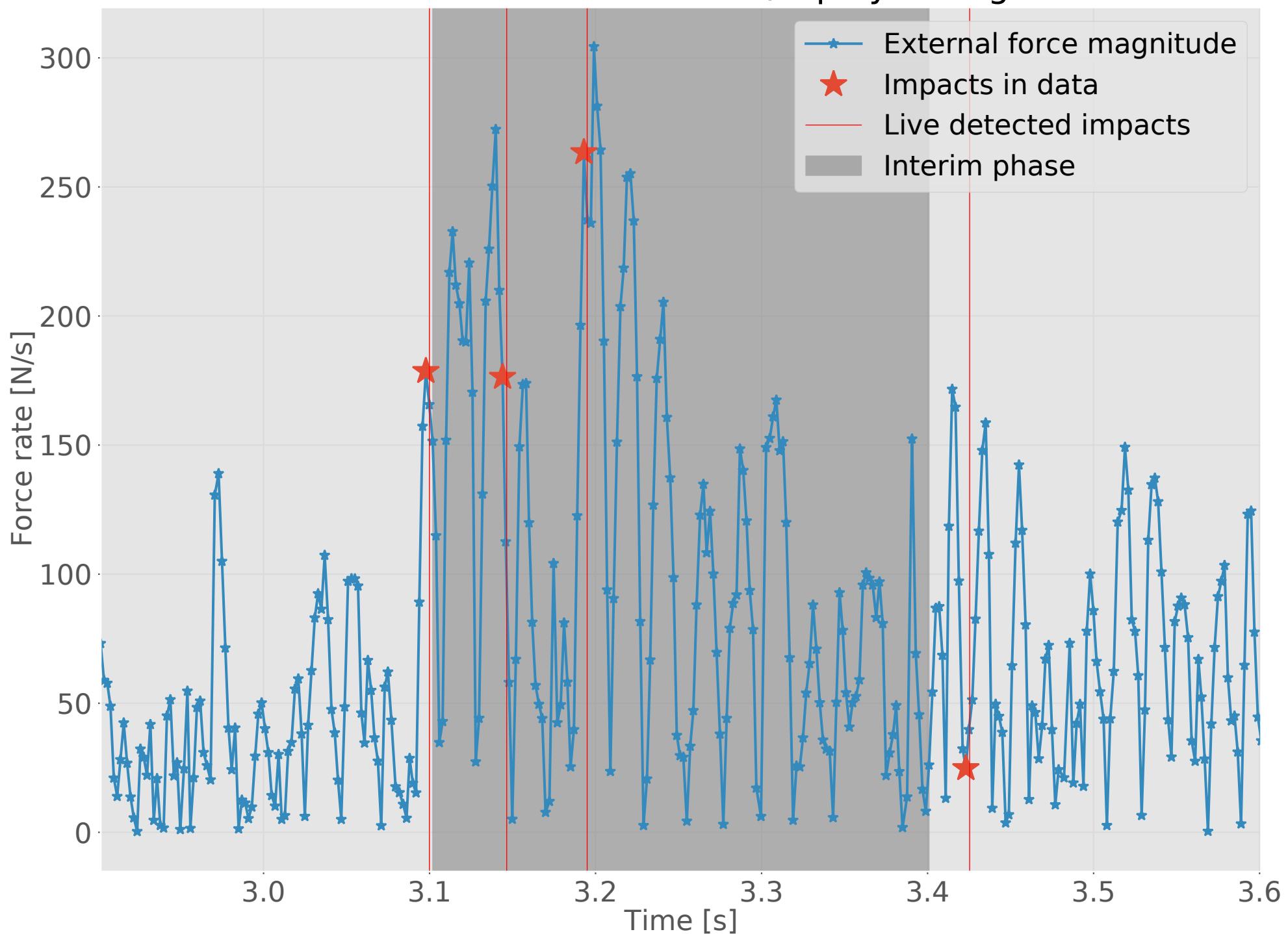
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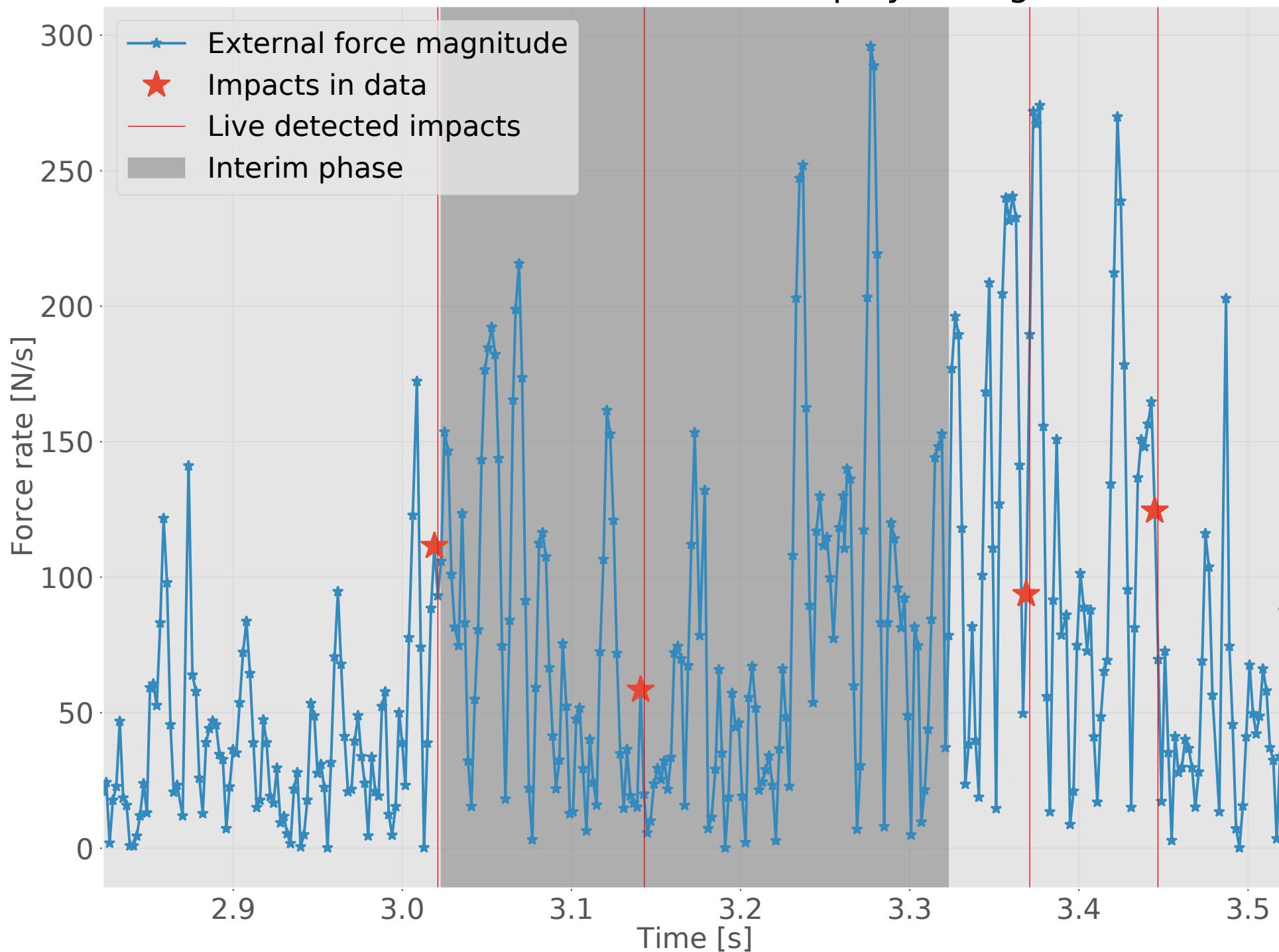
## External force rate data/replay30.bag



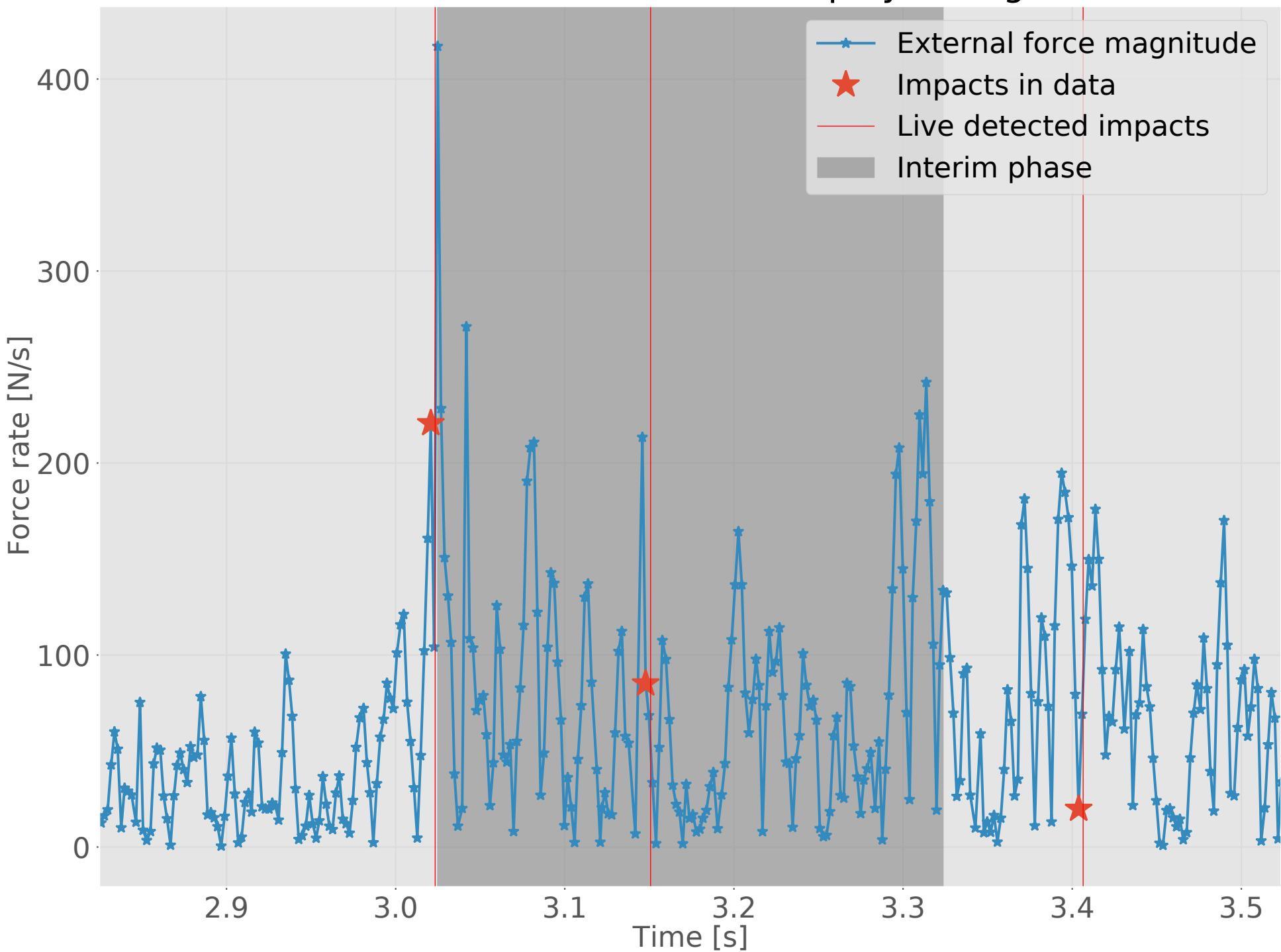
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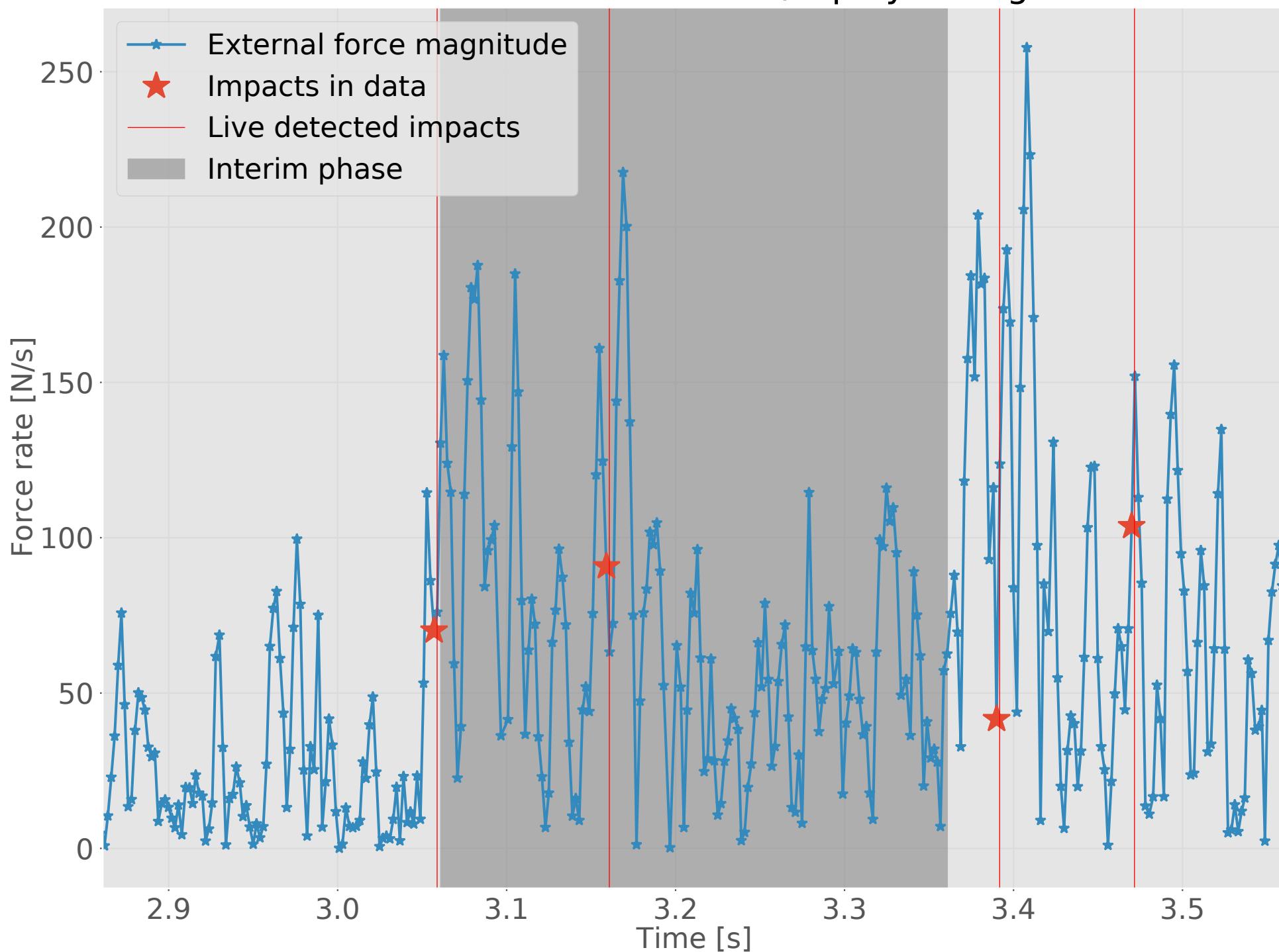
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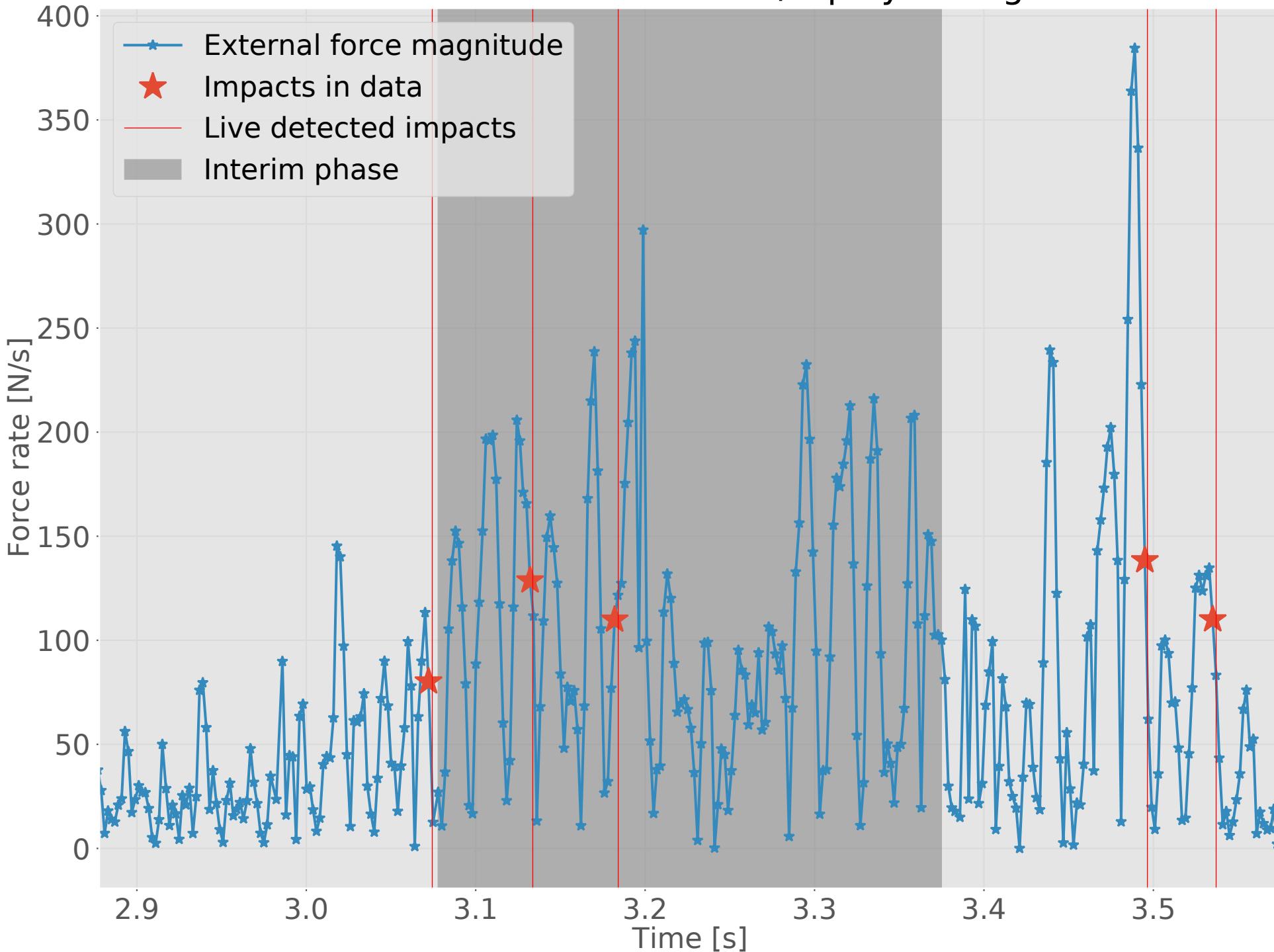
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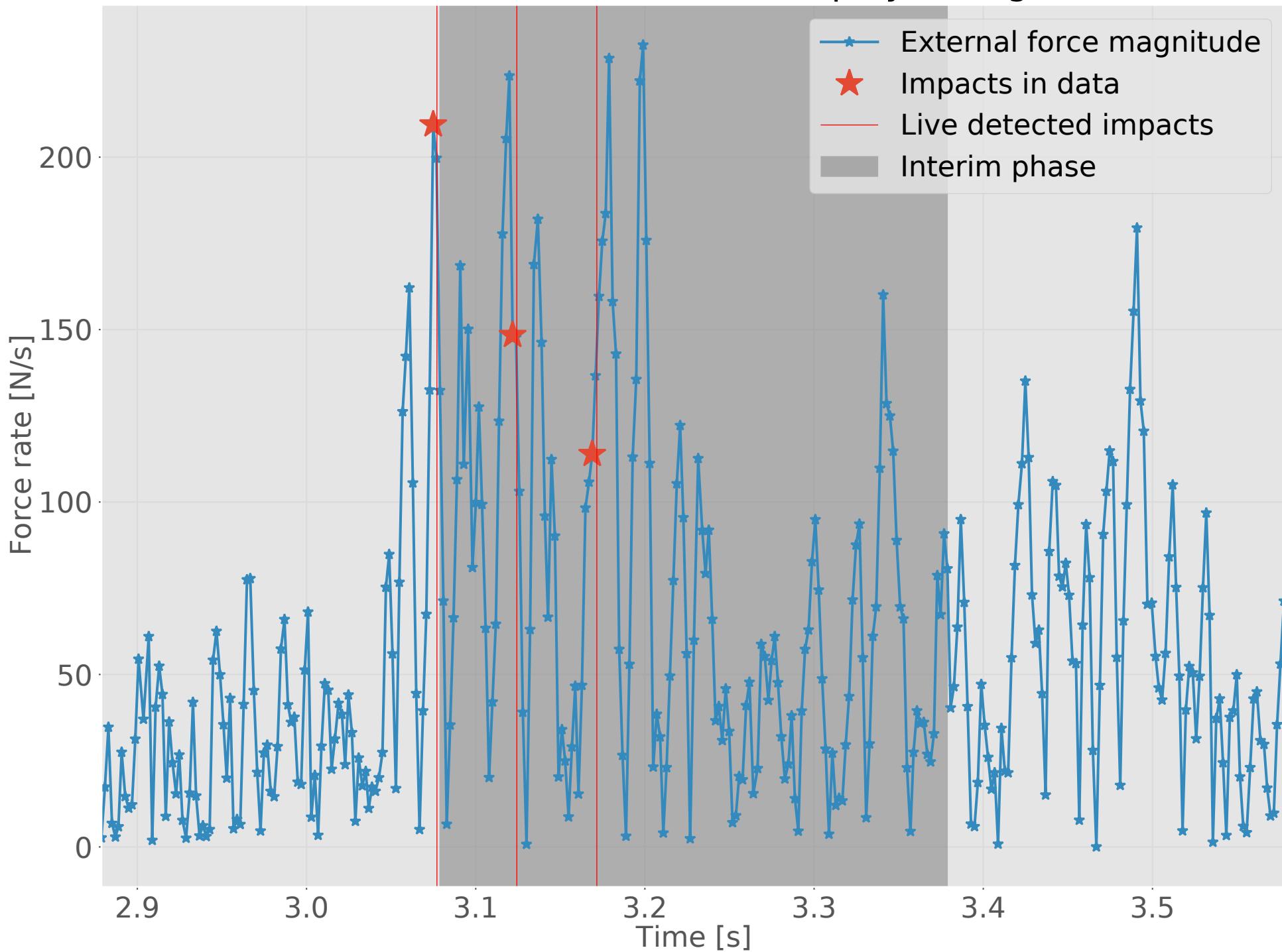
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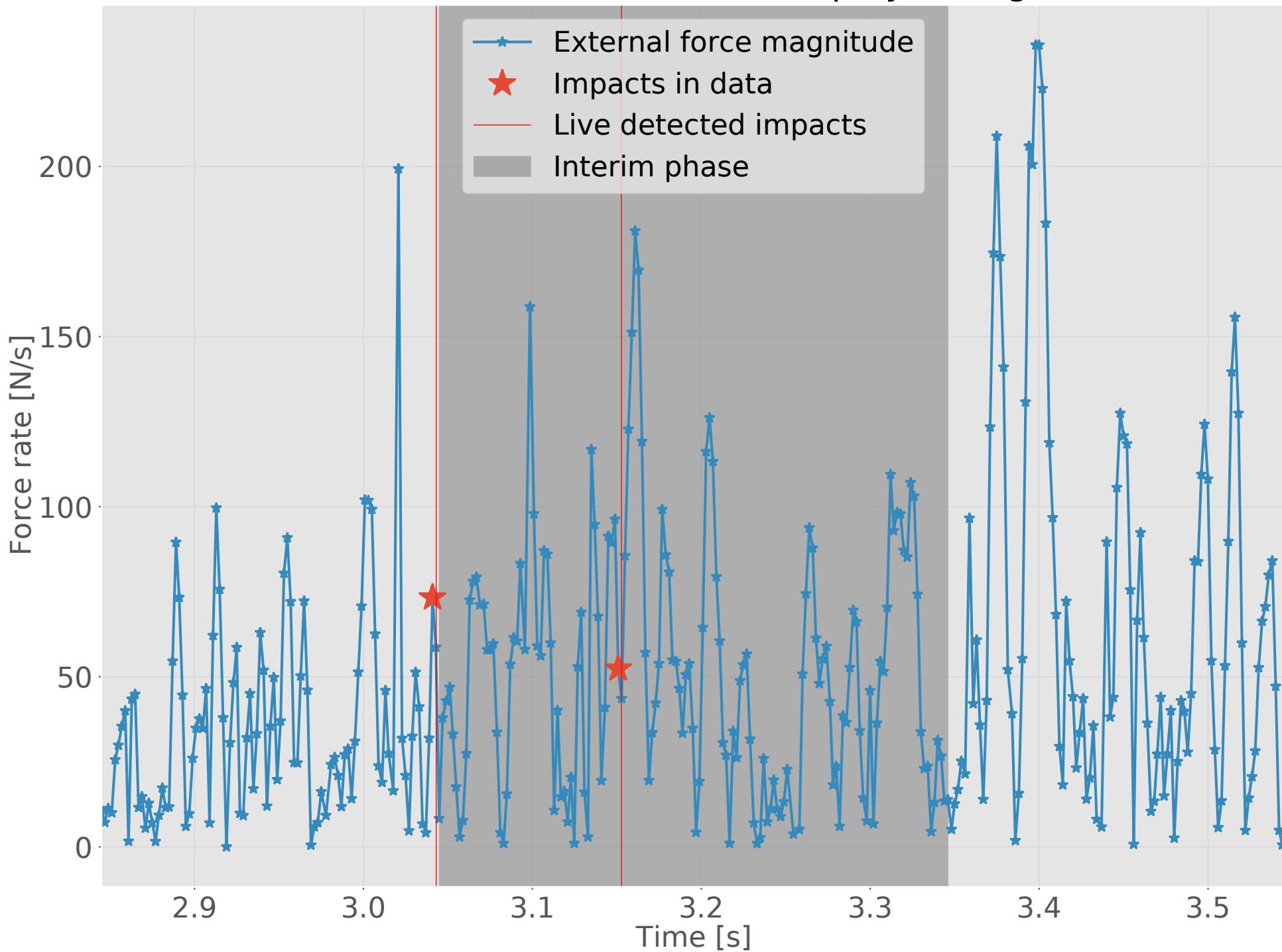
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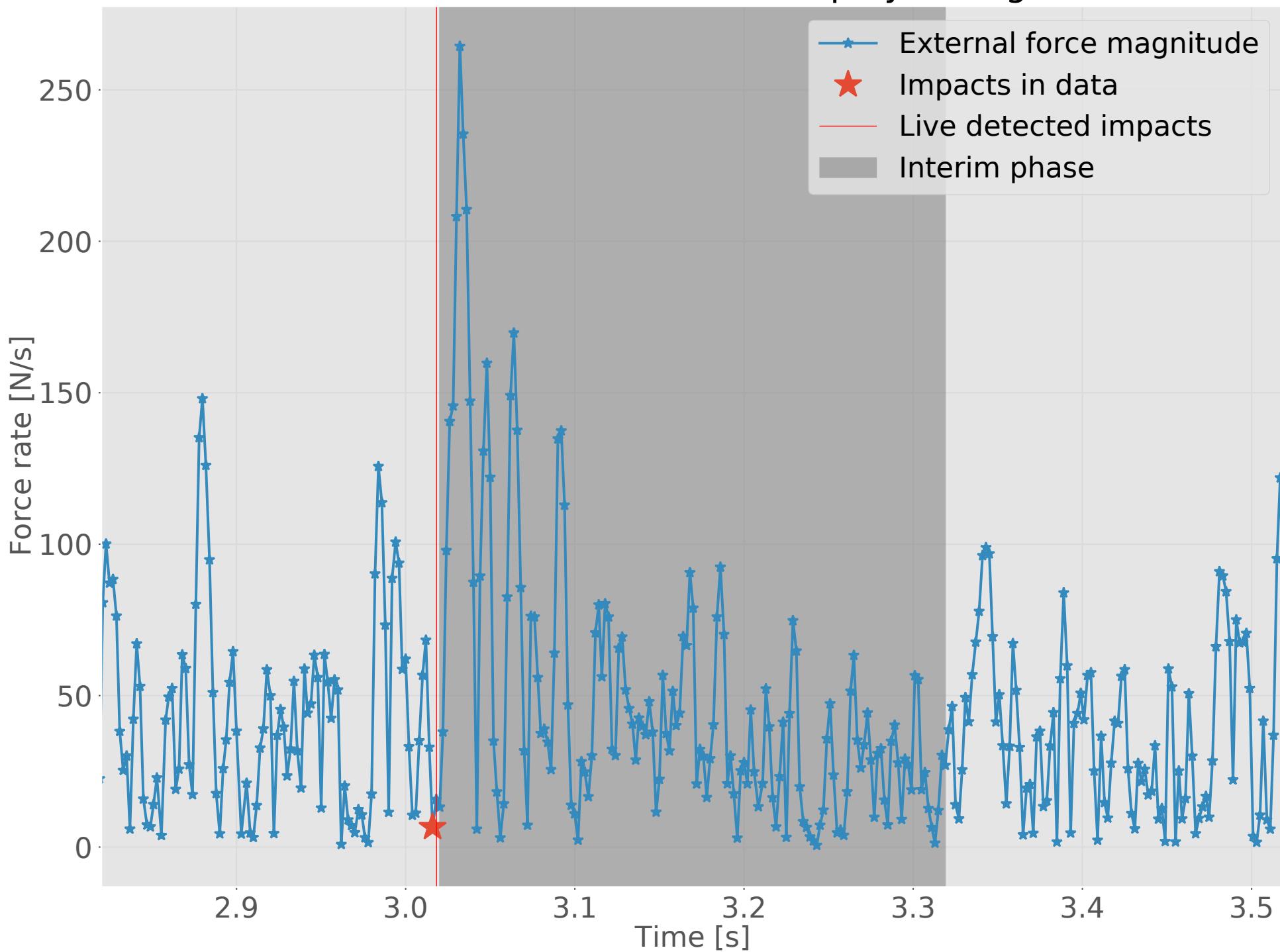
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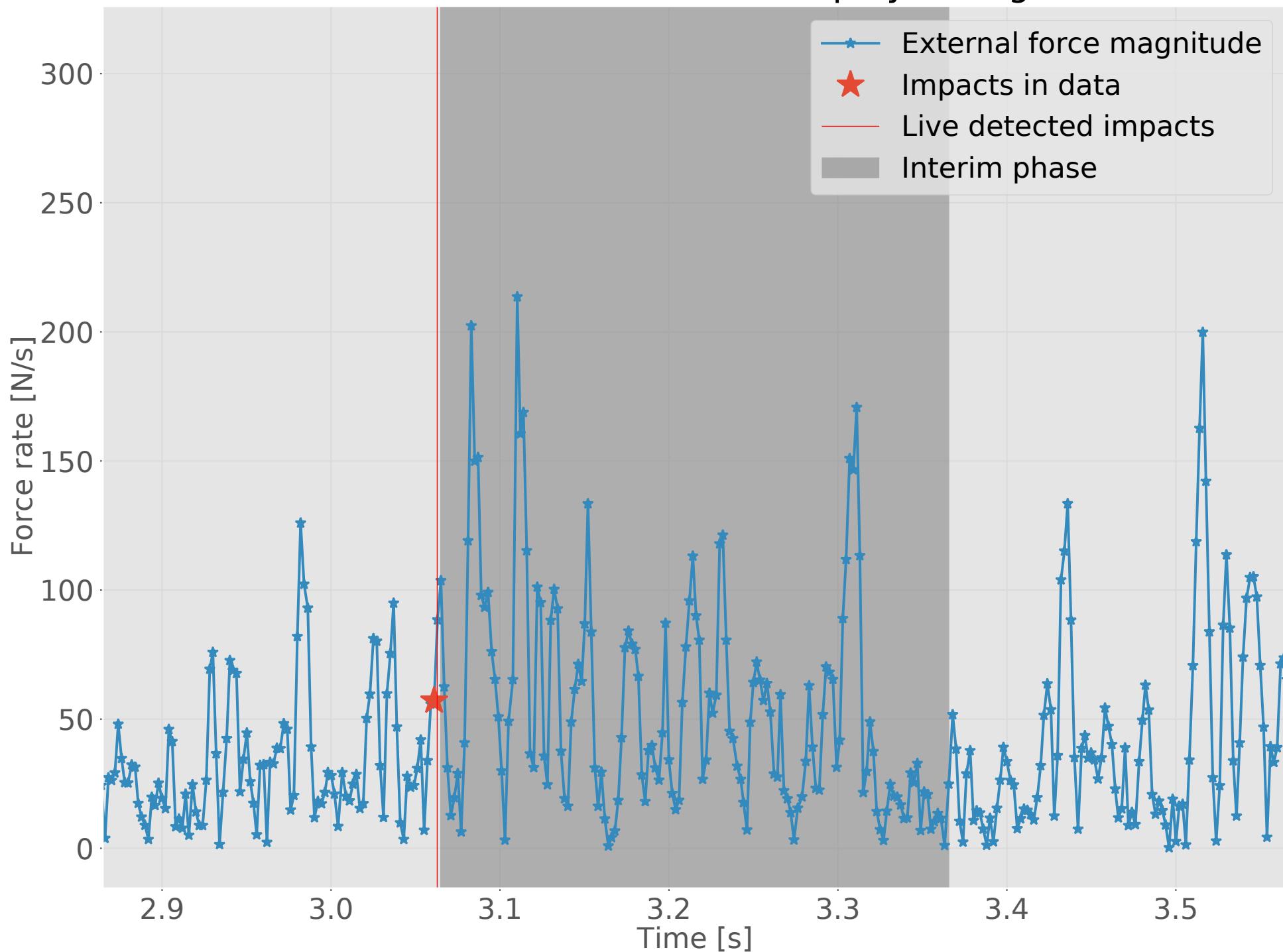
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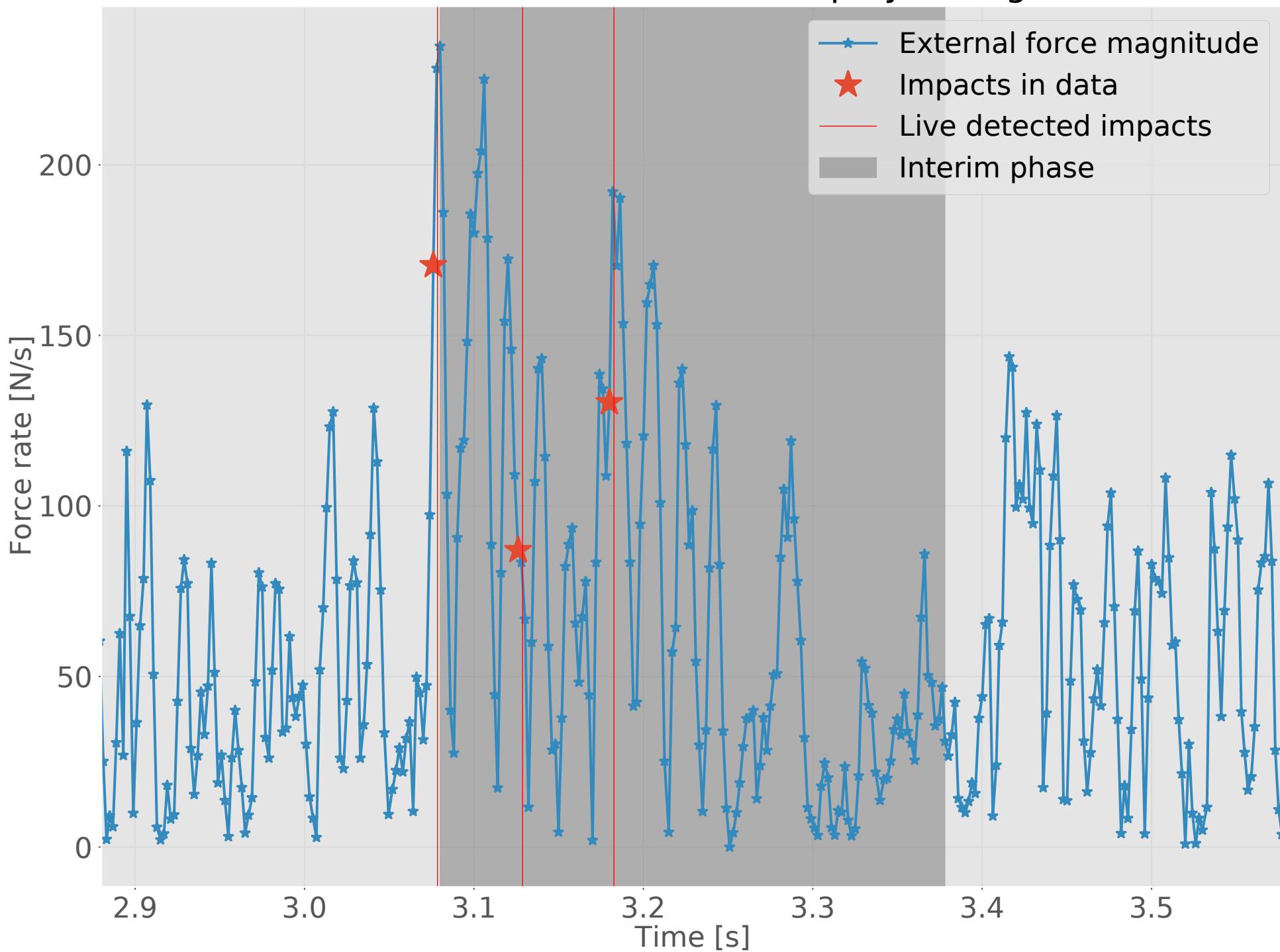
## External force rate data/replay38.bag



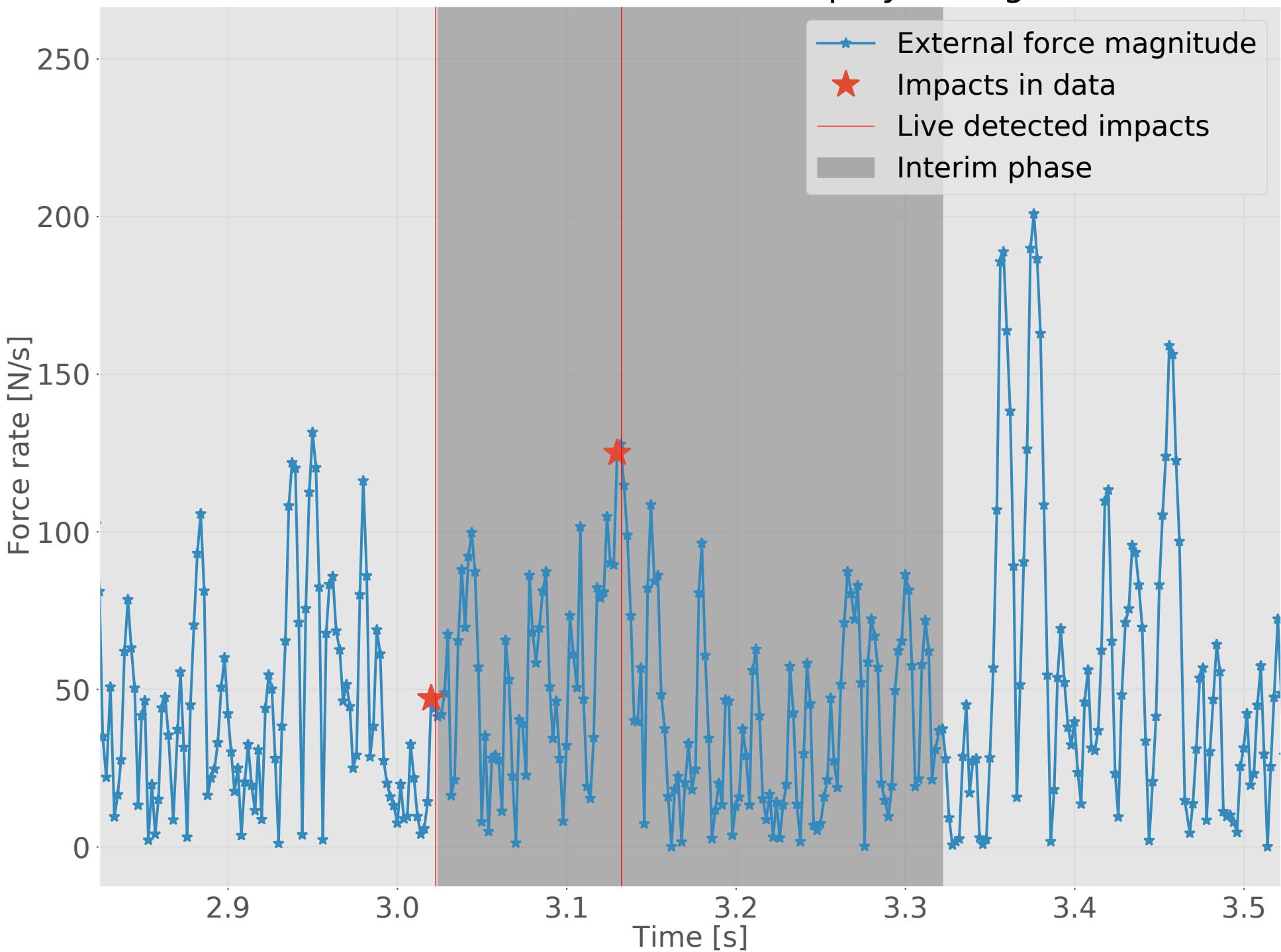
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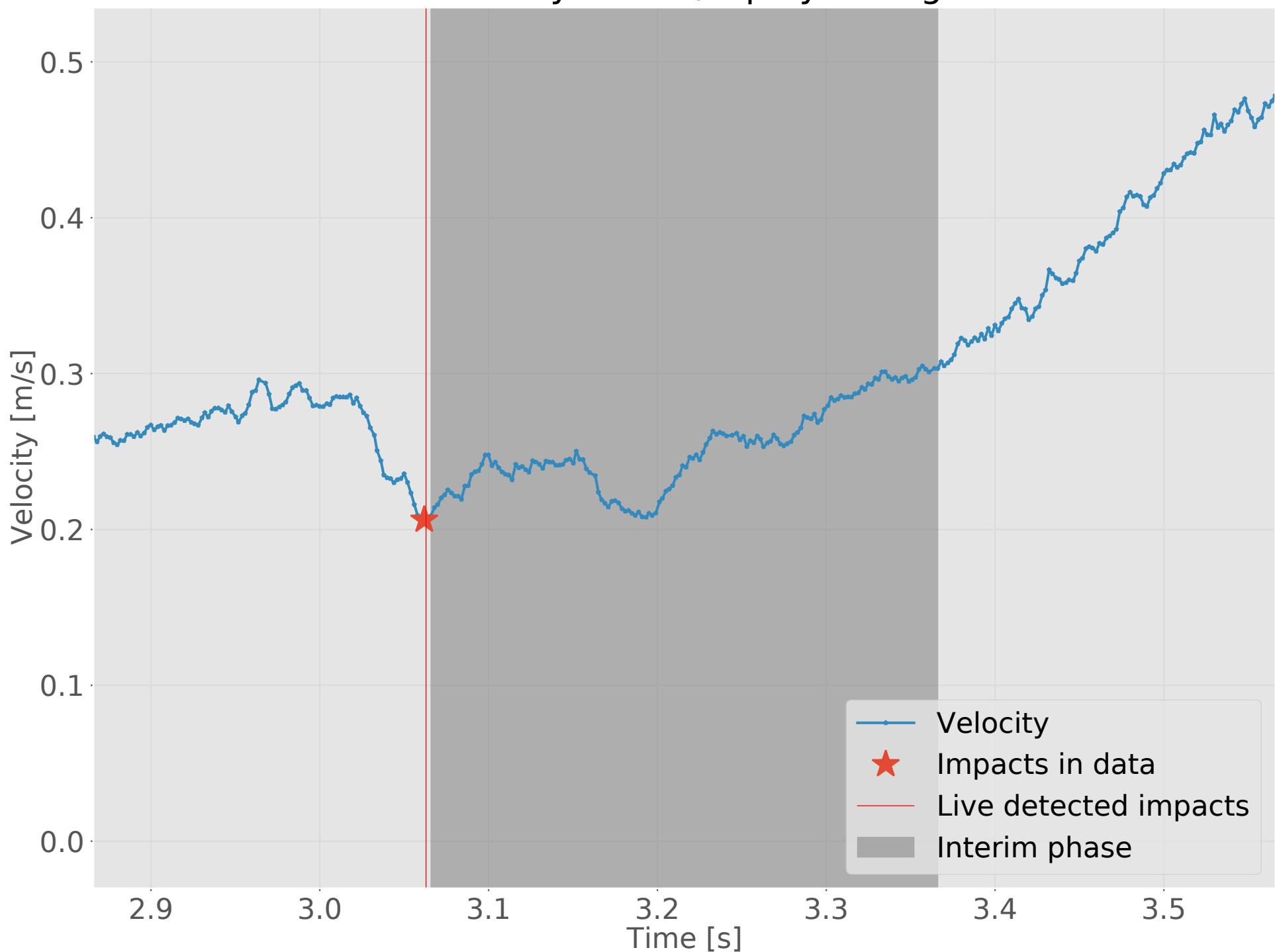
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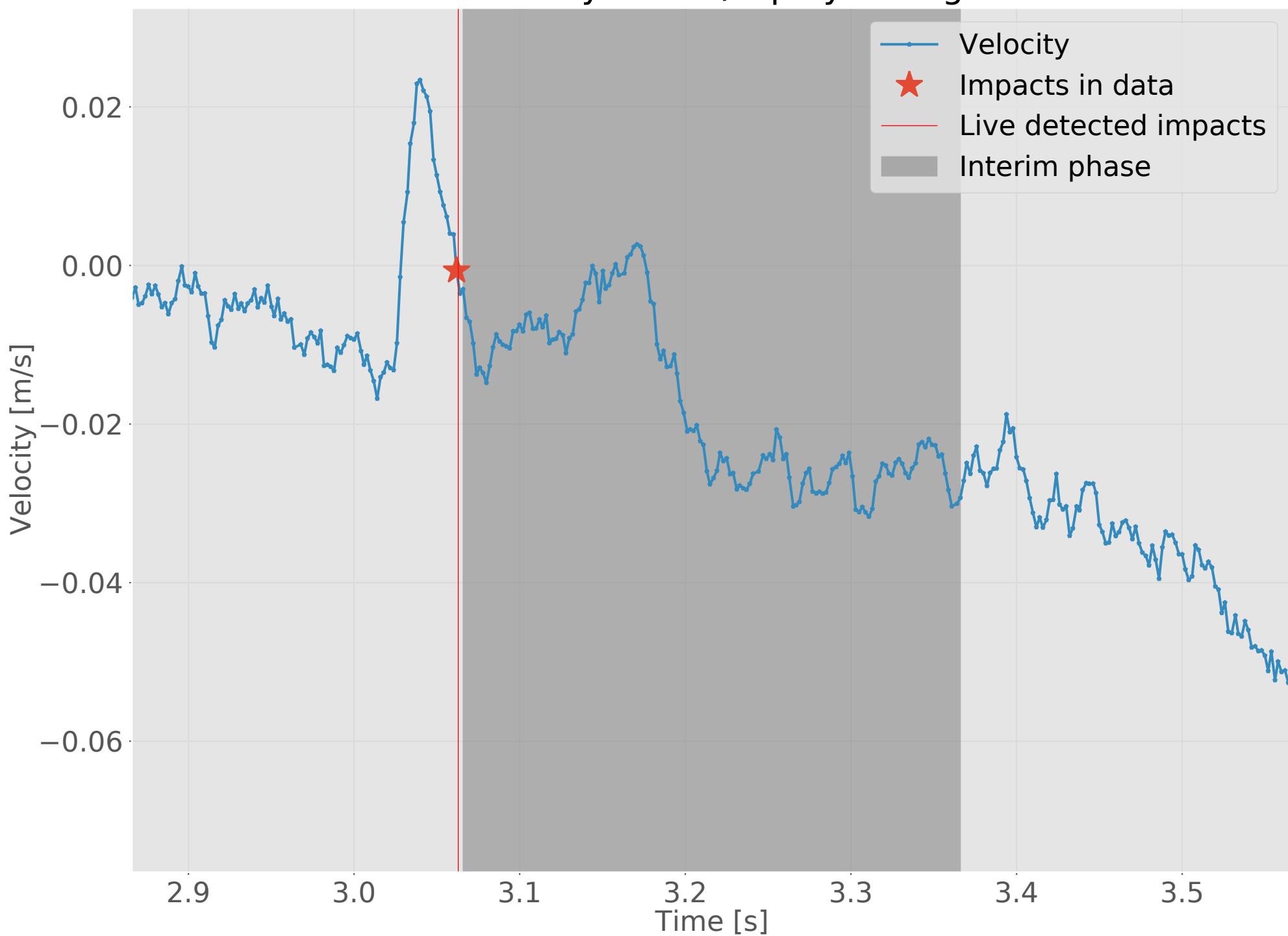
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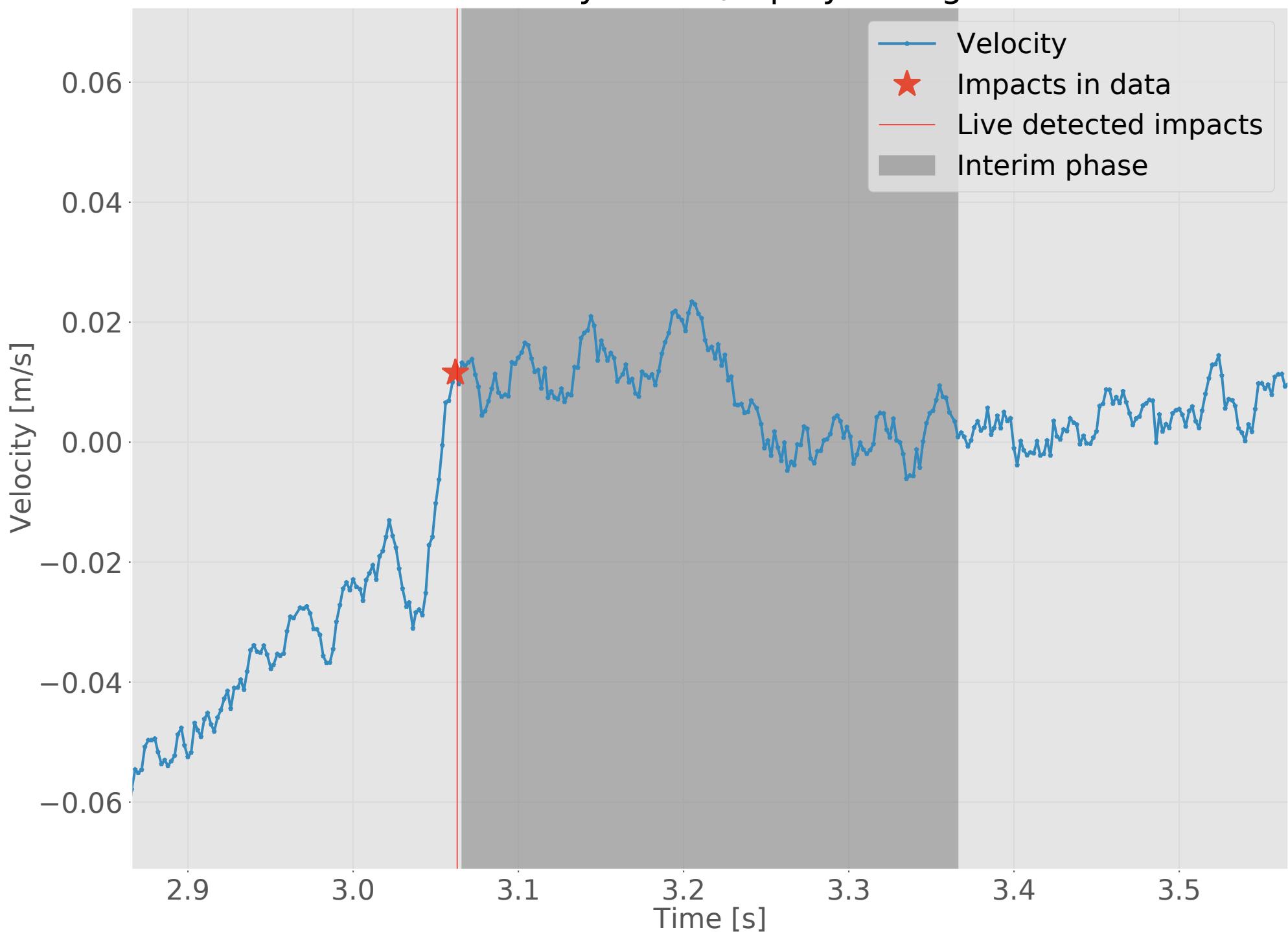
## Velocity X data/replay28.bag



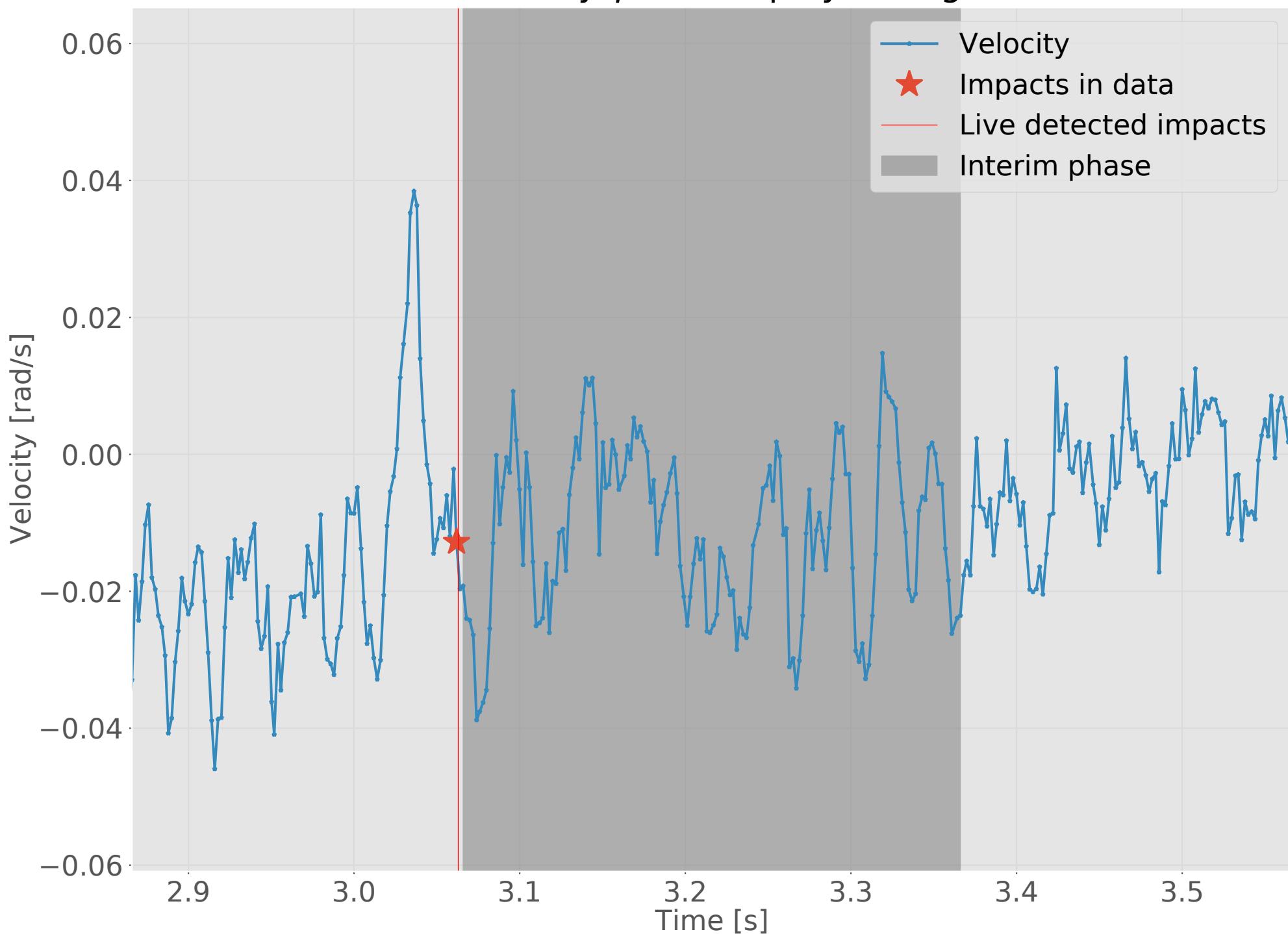
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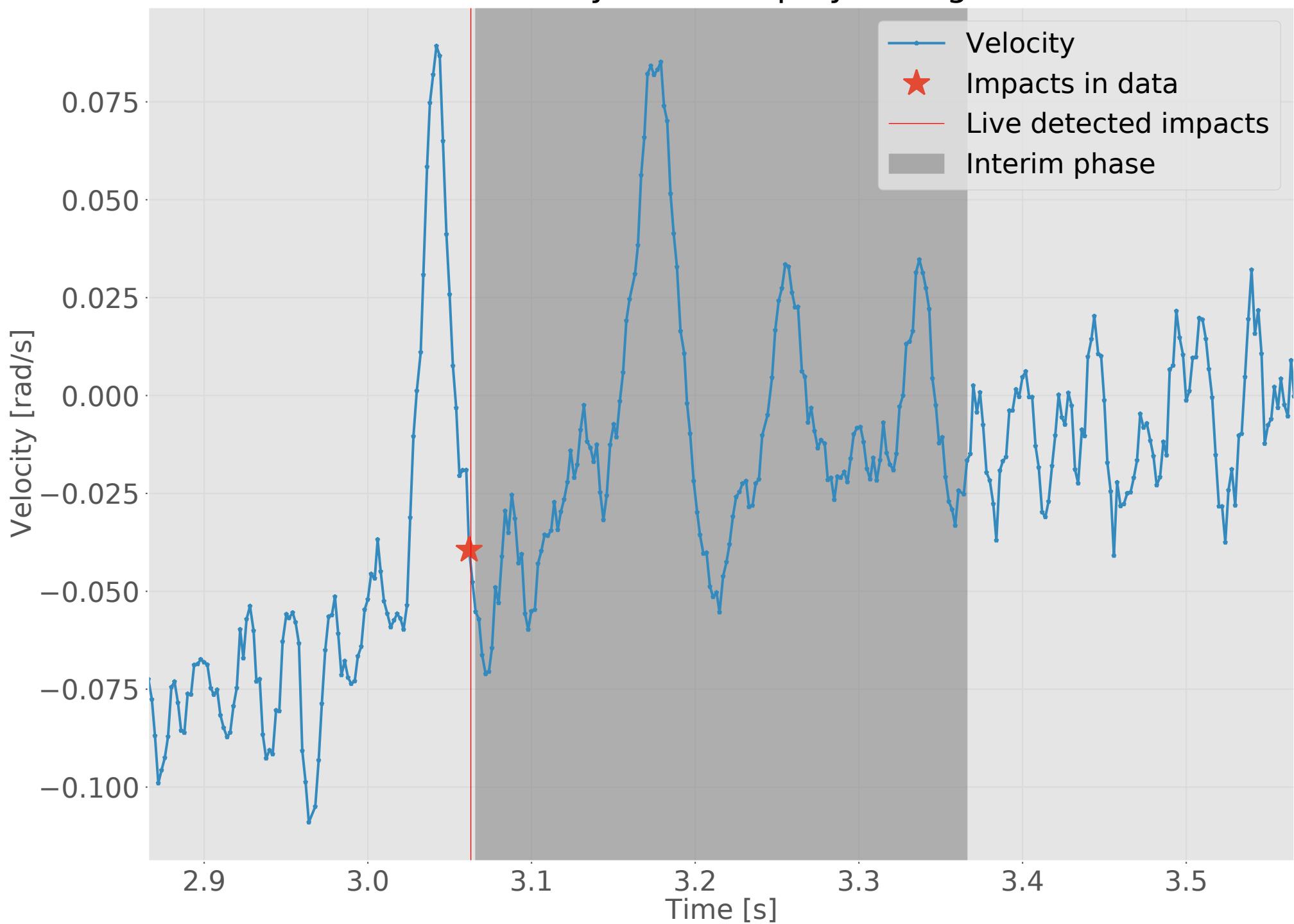
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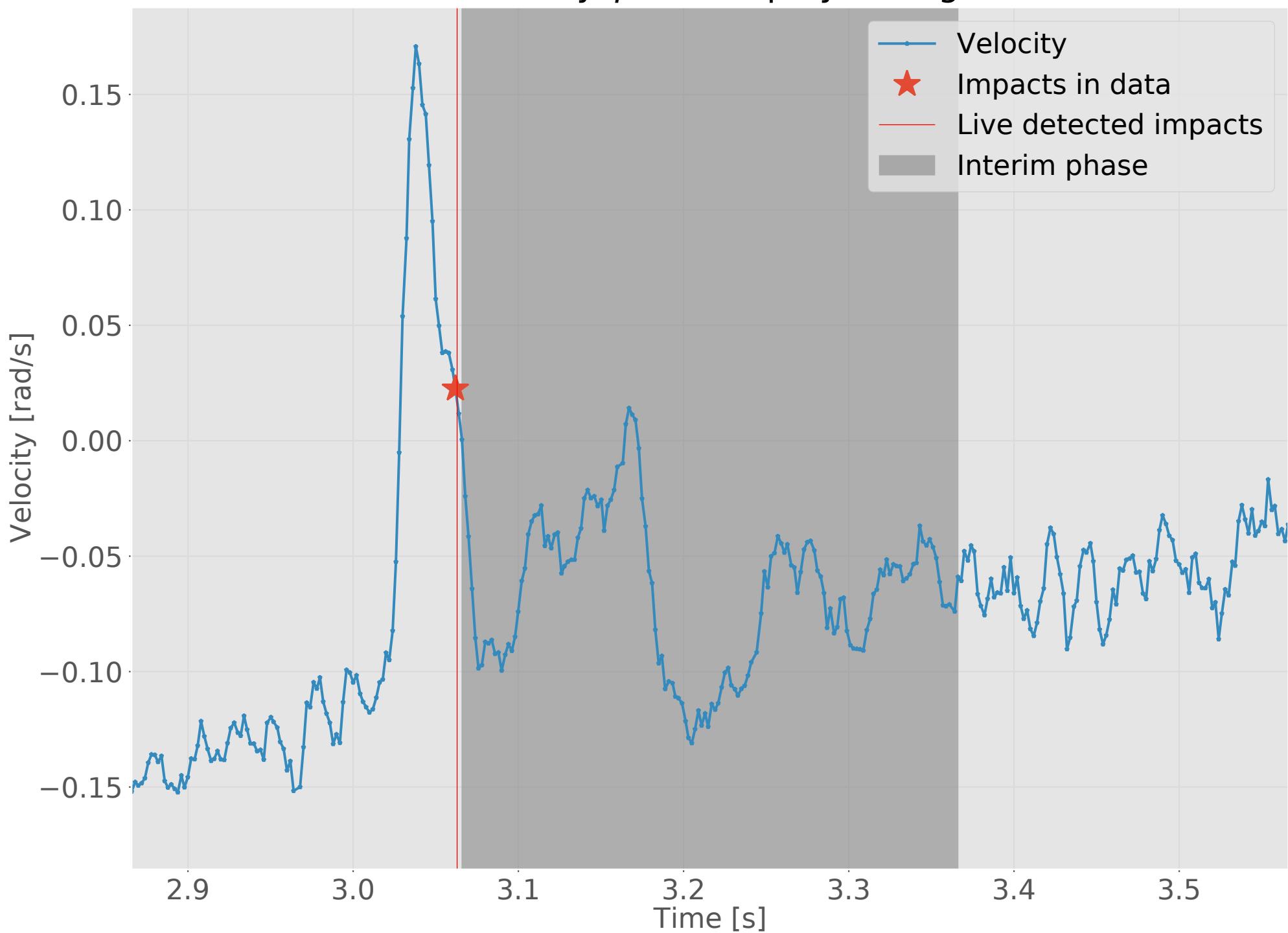
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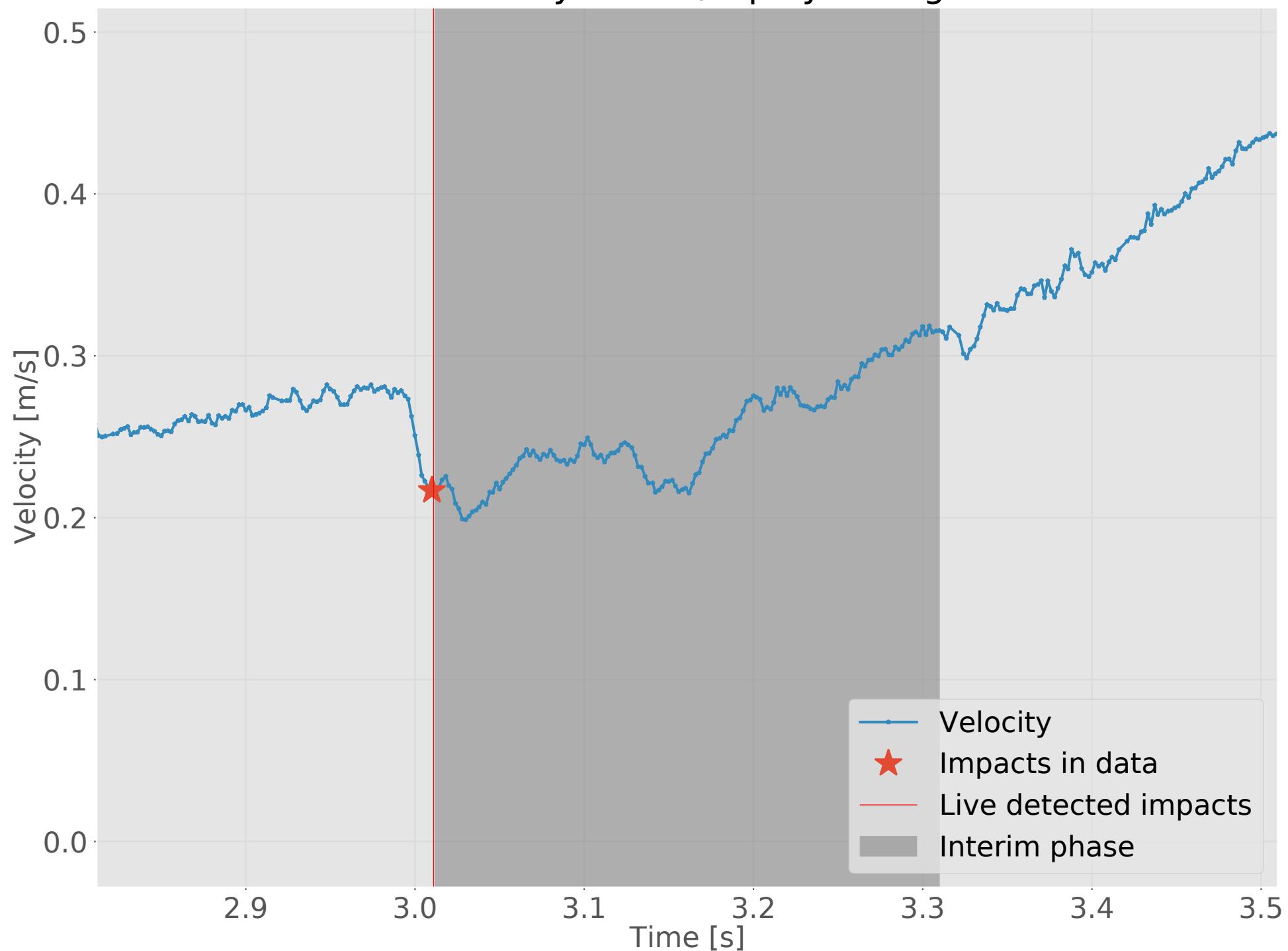
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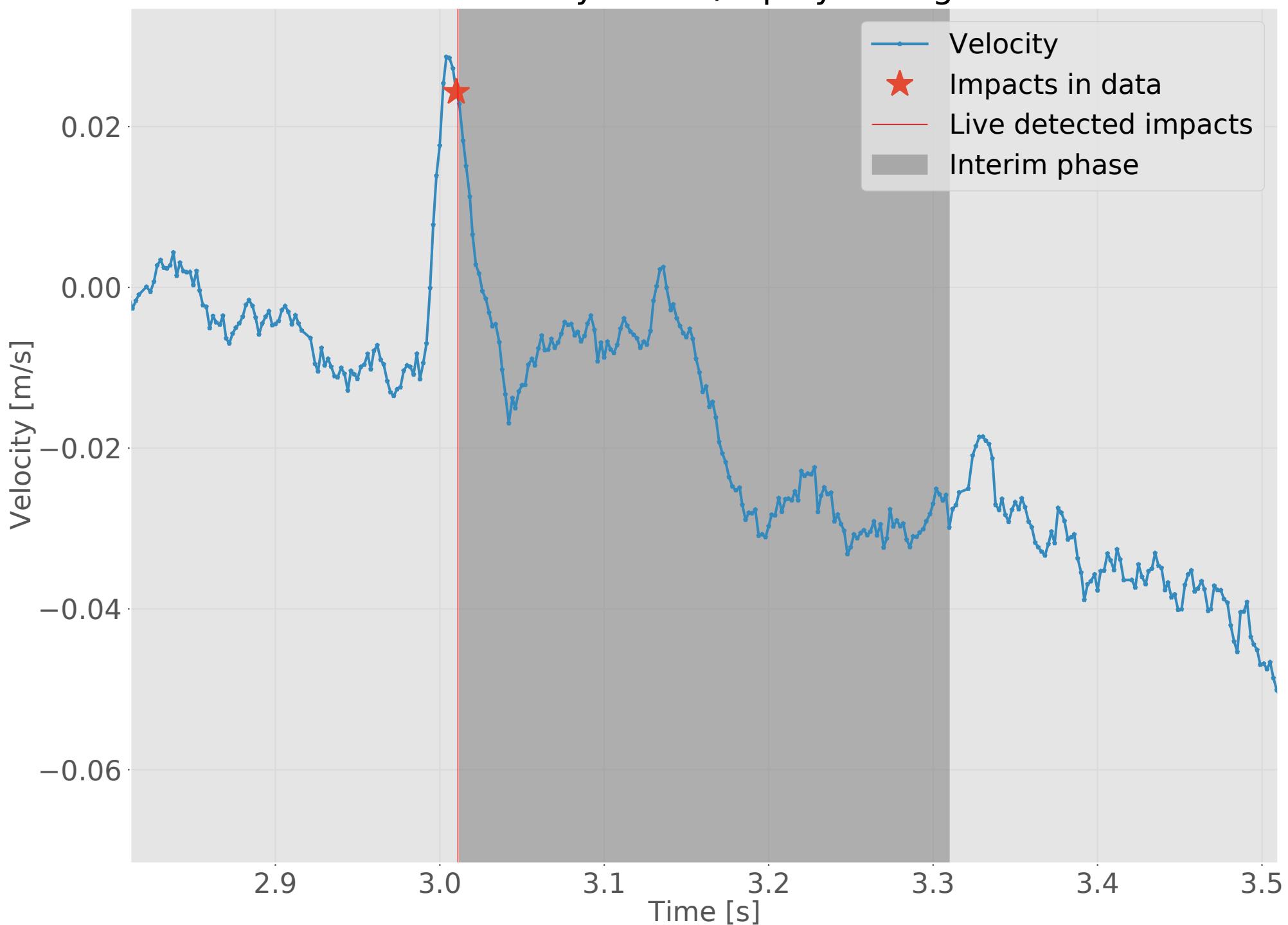
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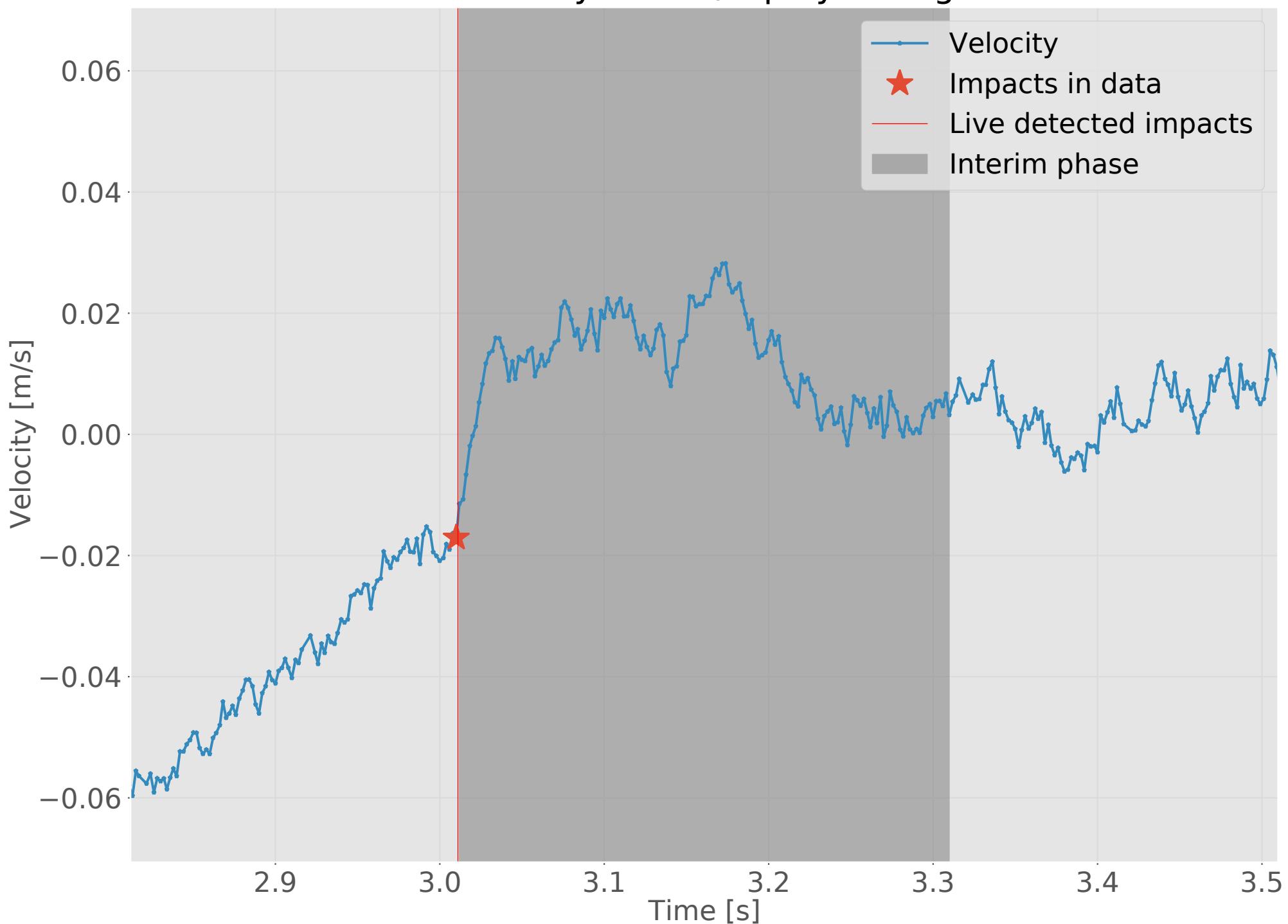
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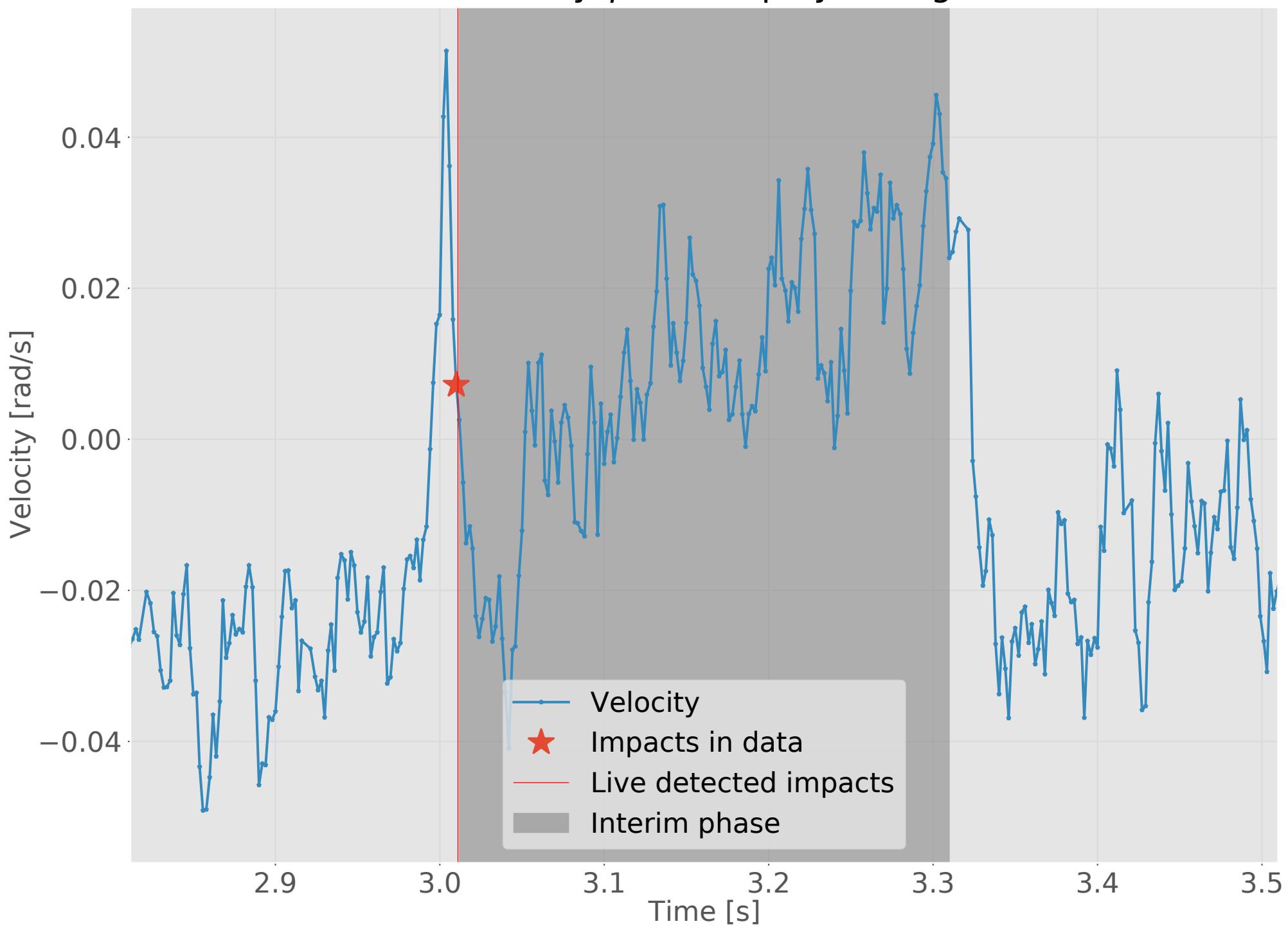
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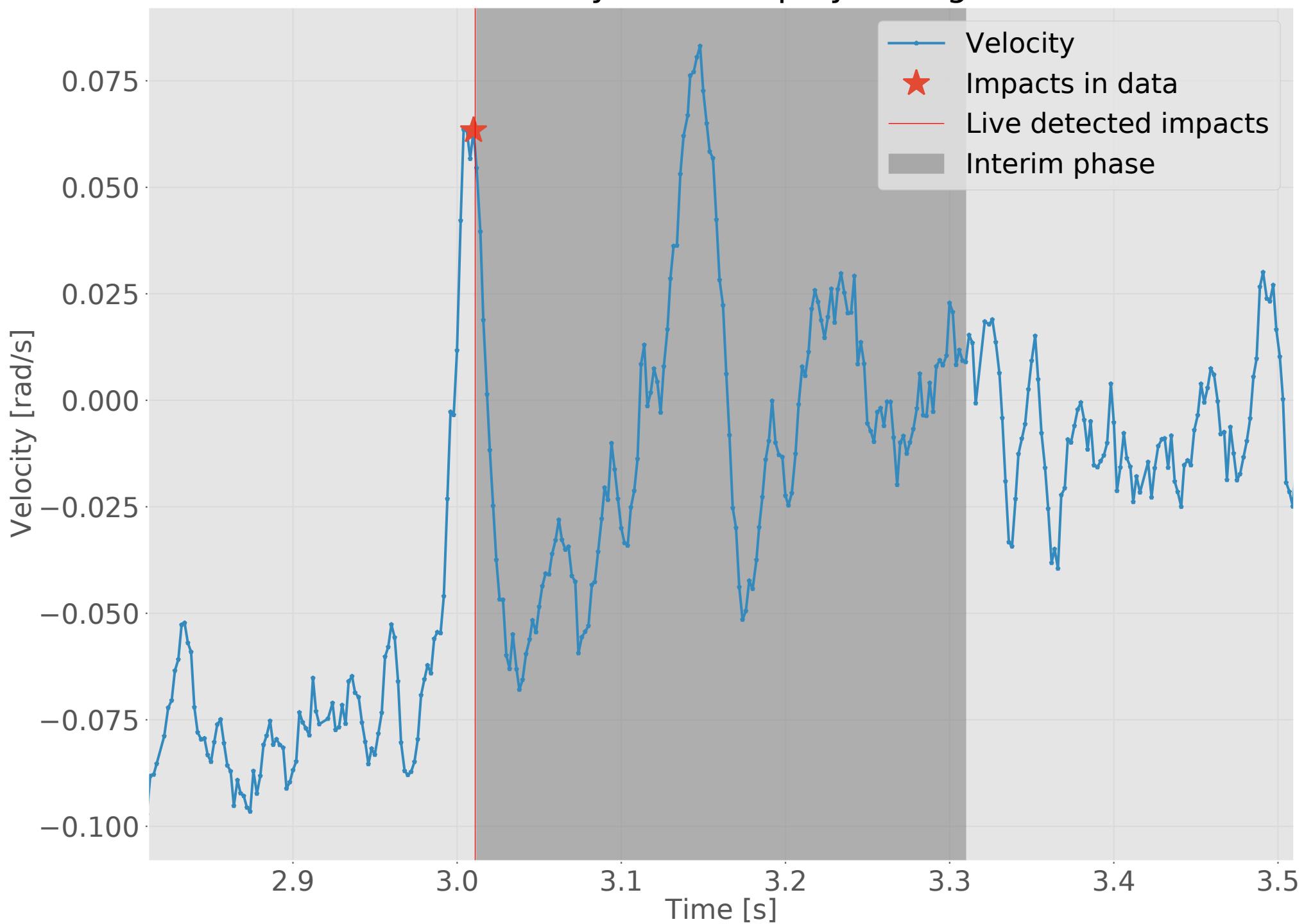
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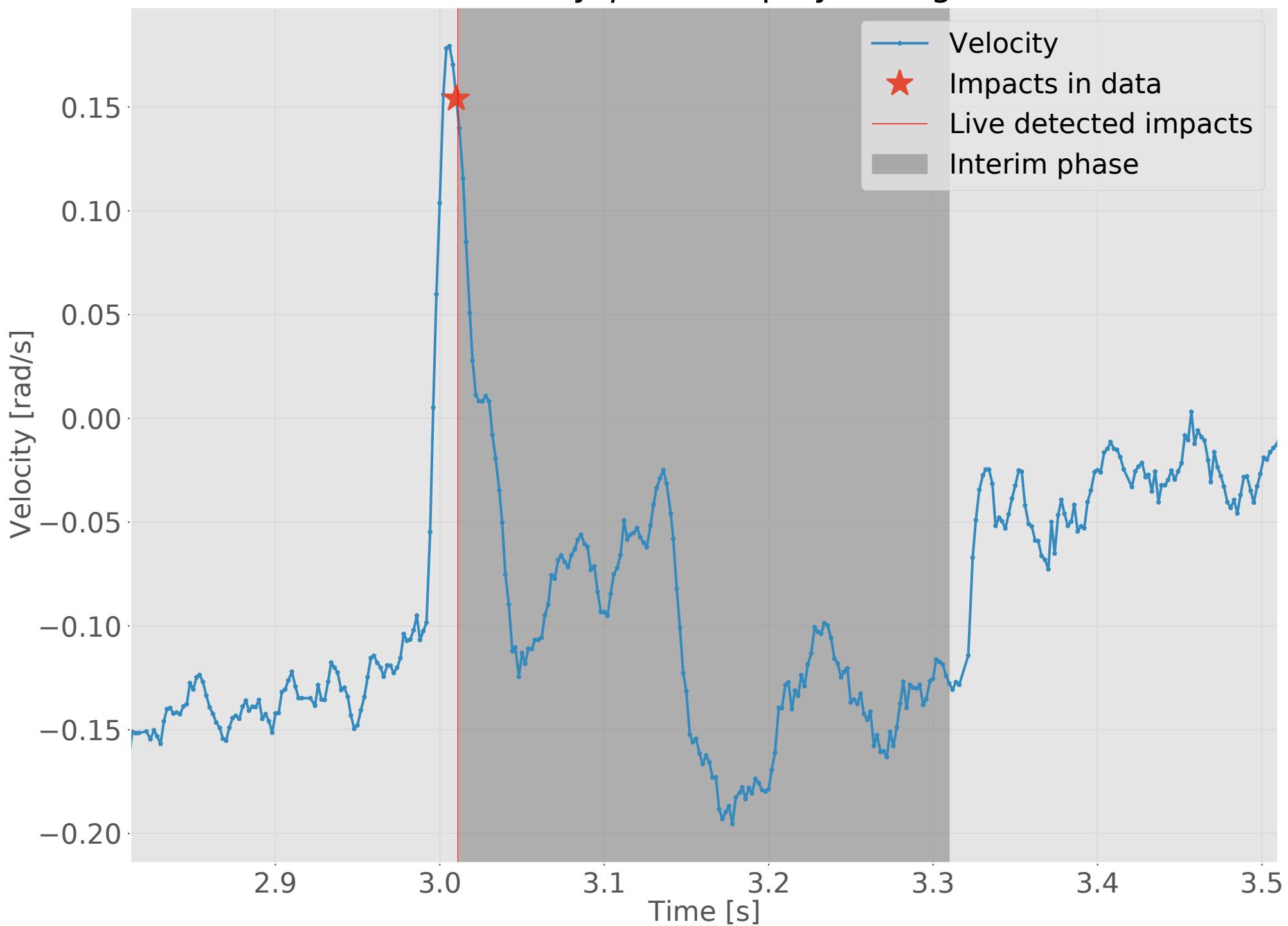
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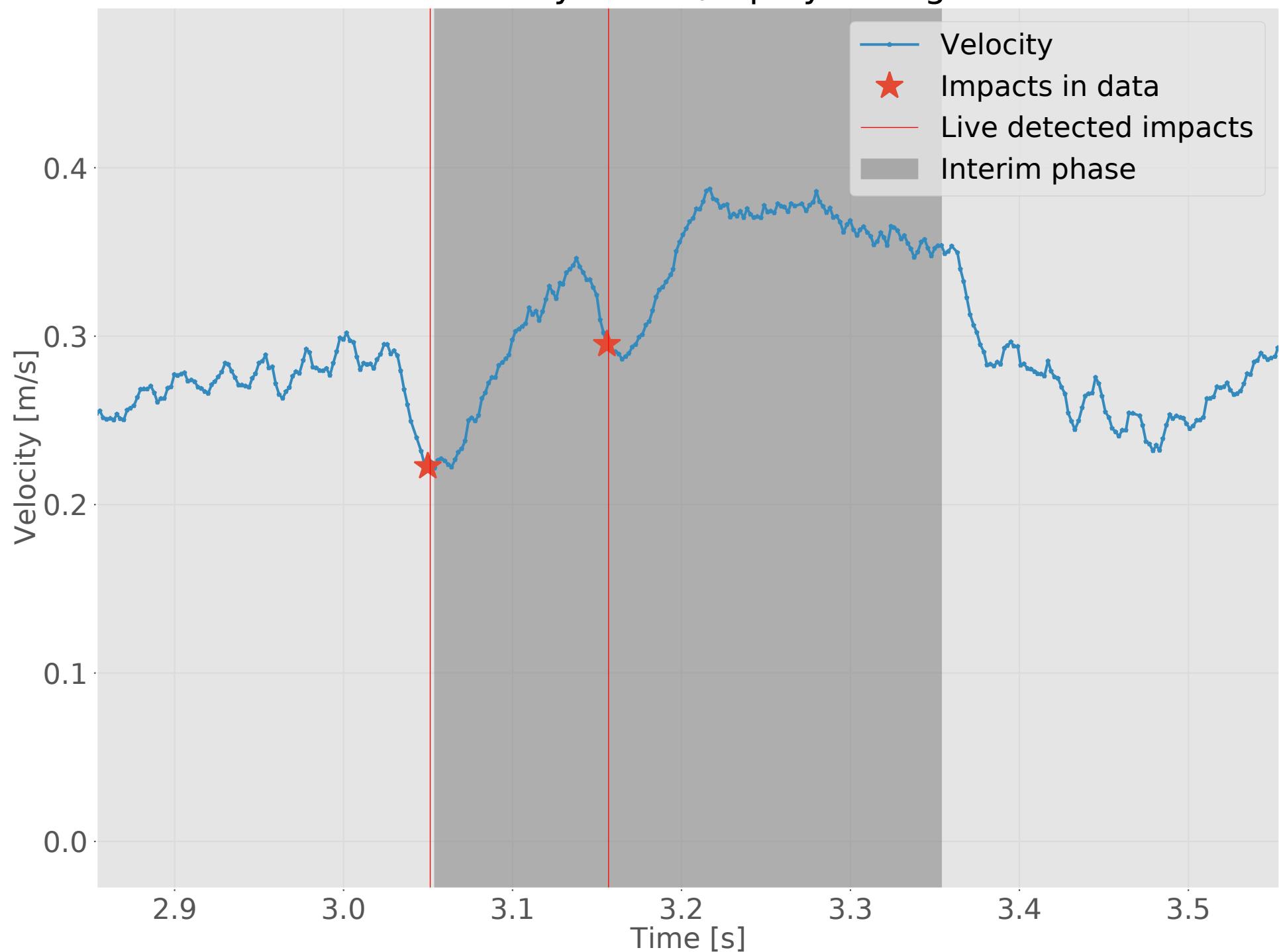
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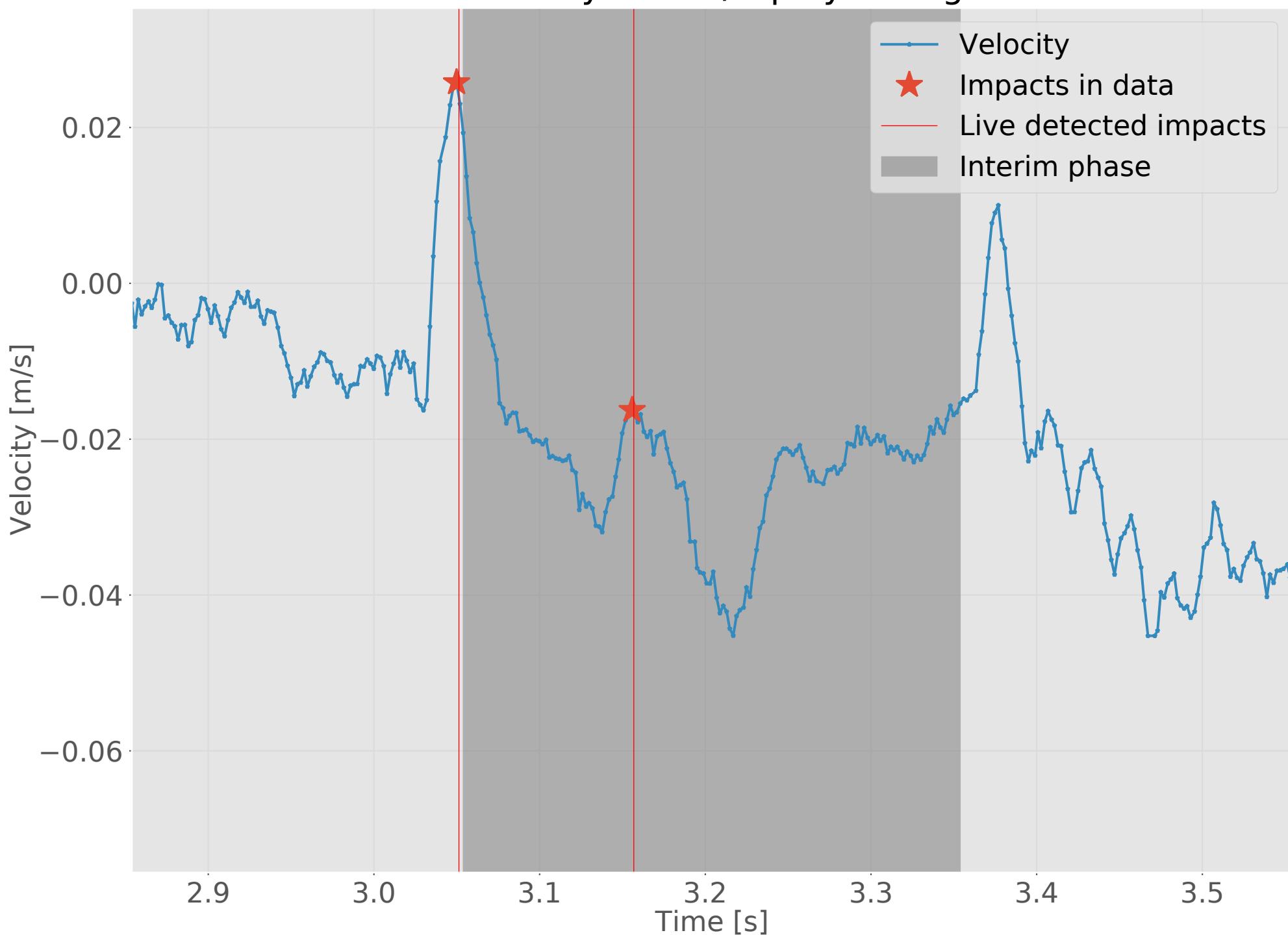
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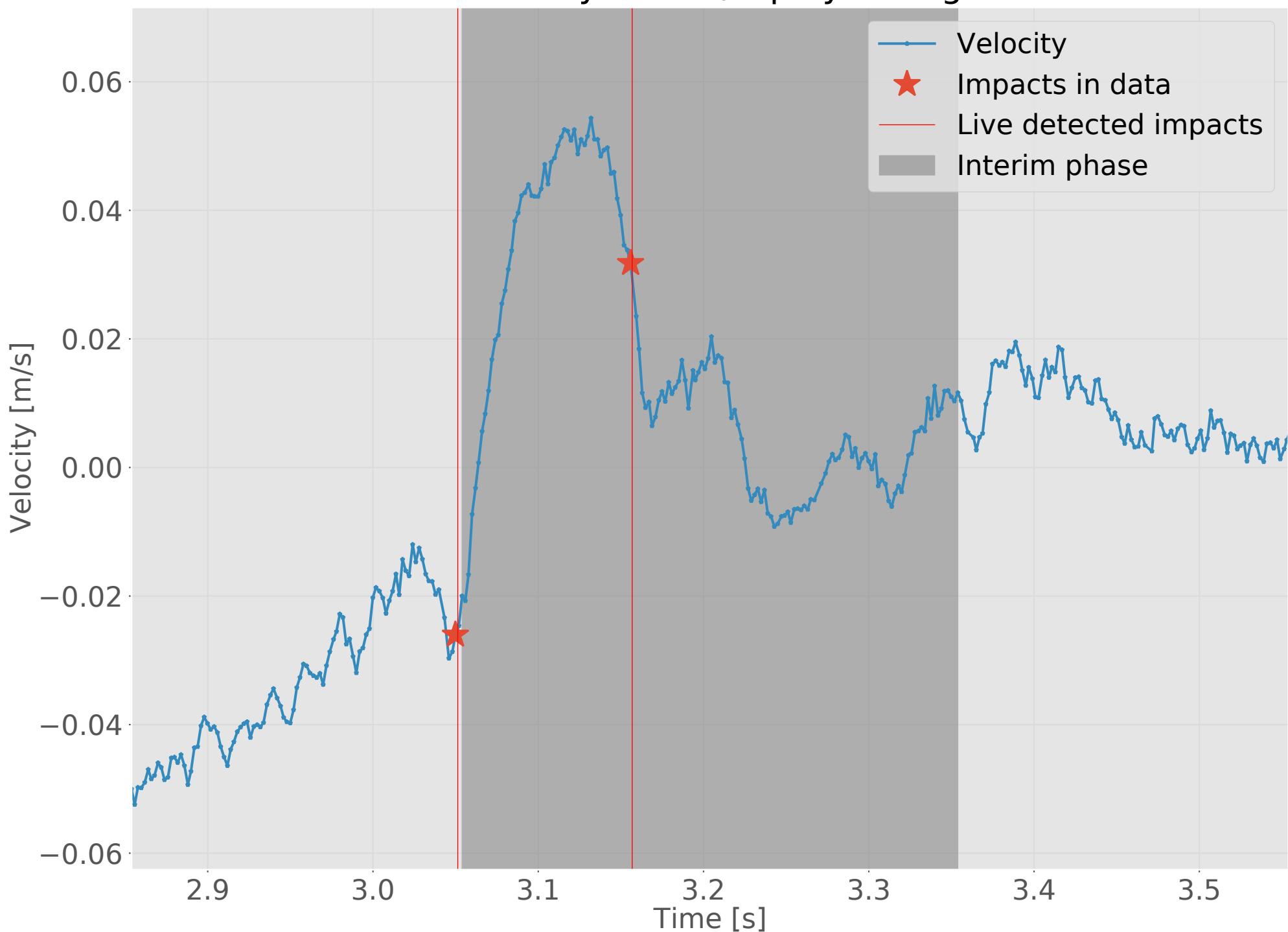
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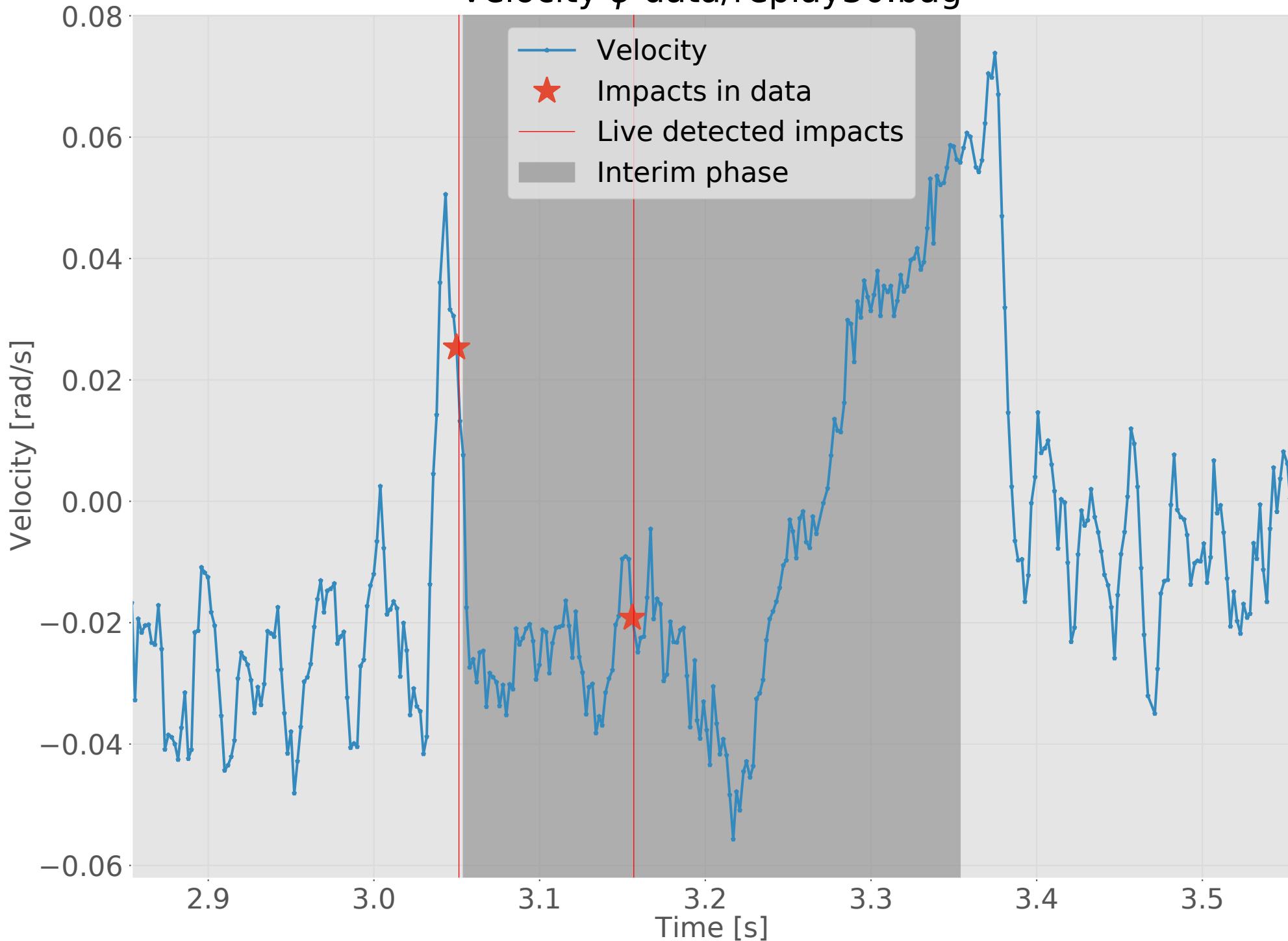
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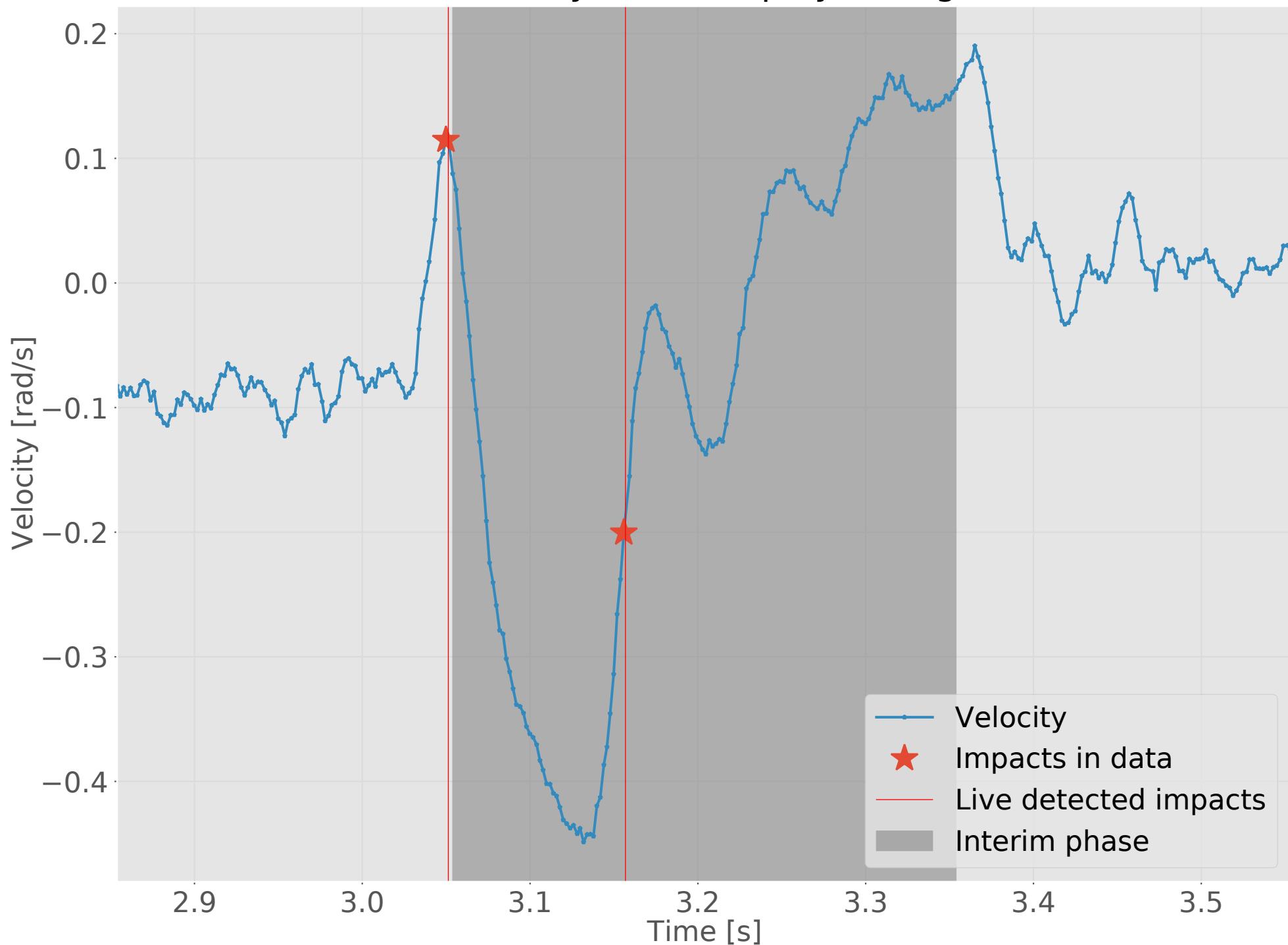
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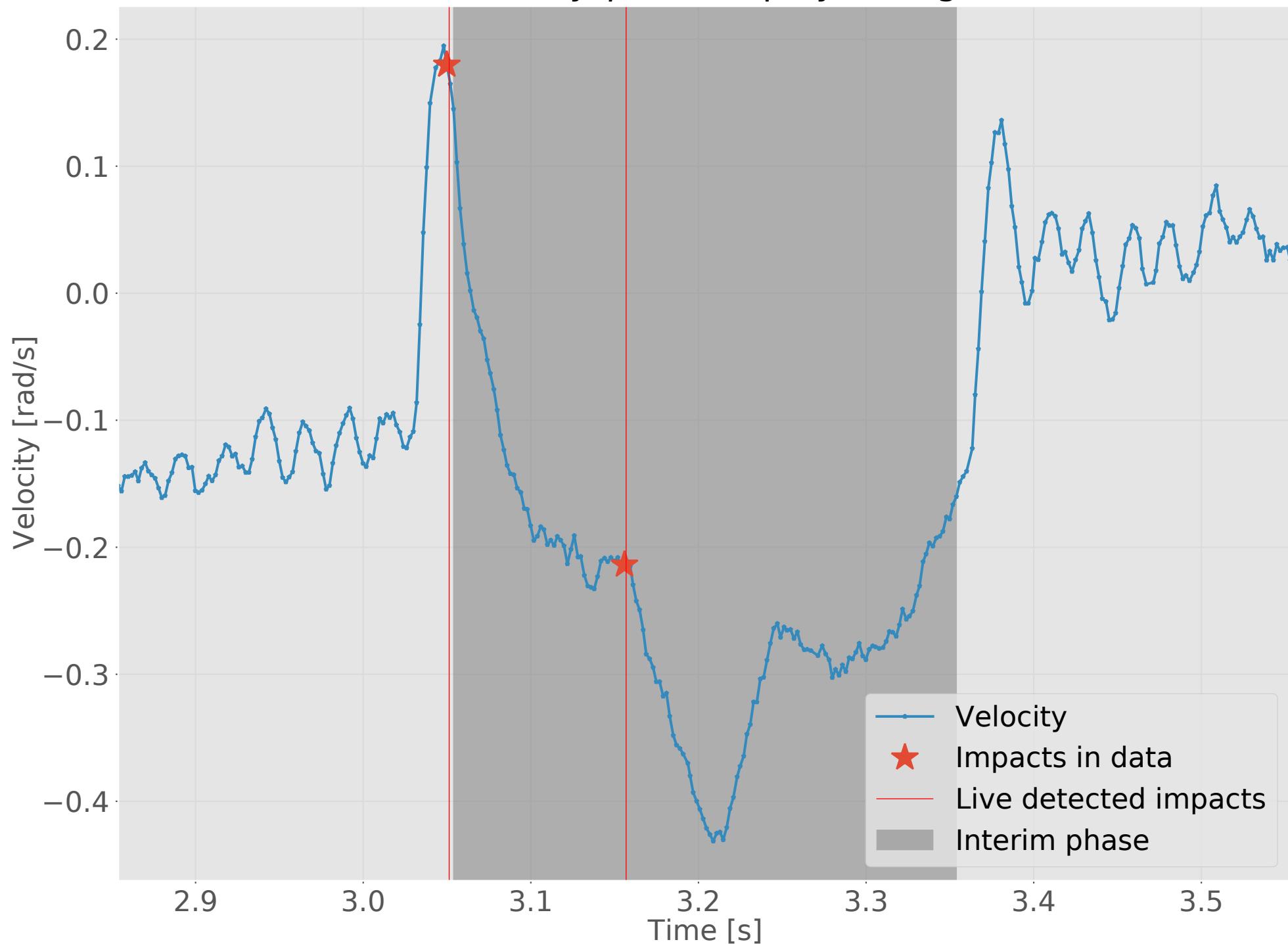
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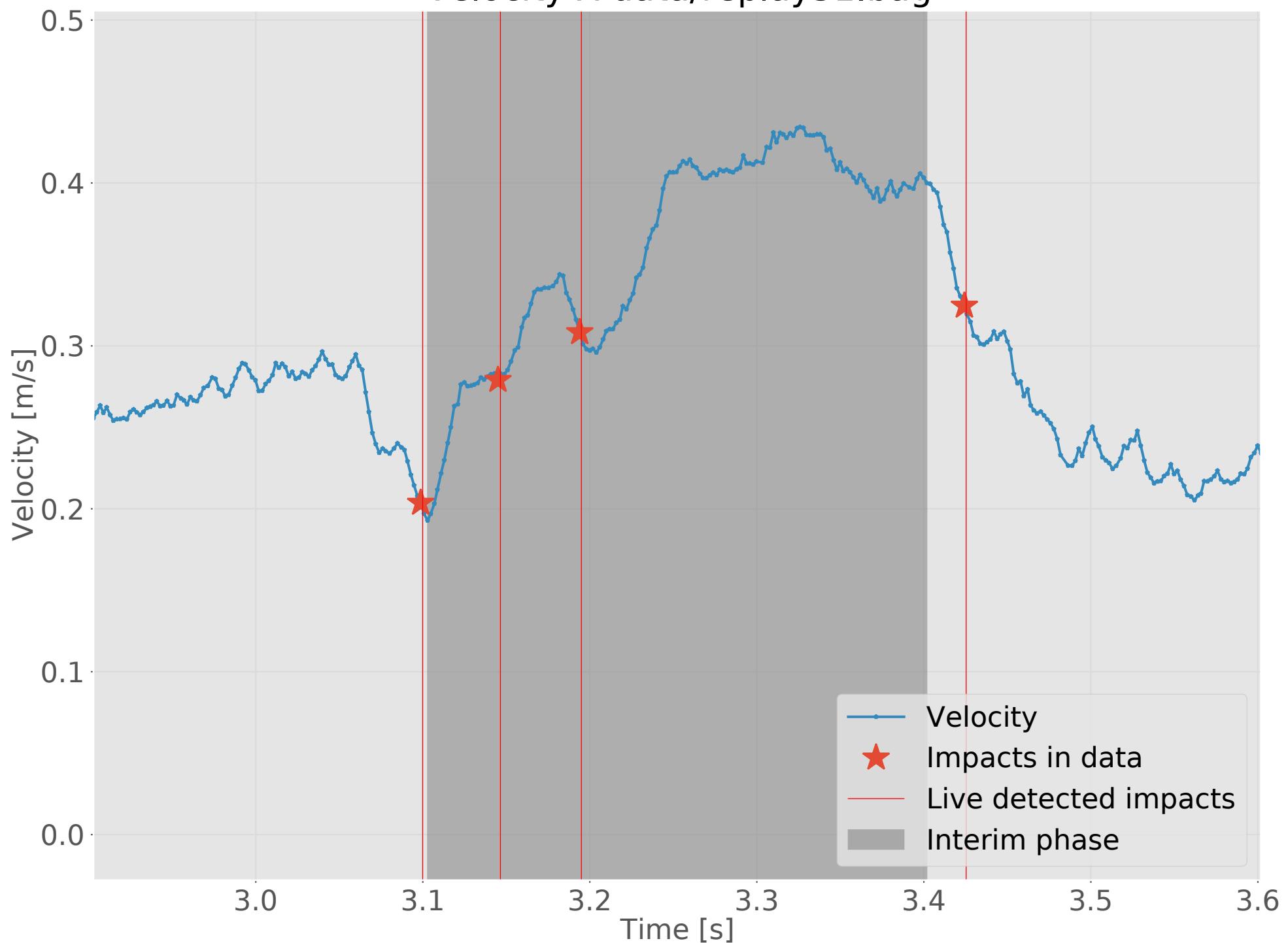
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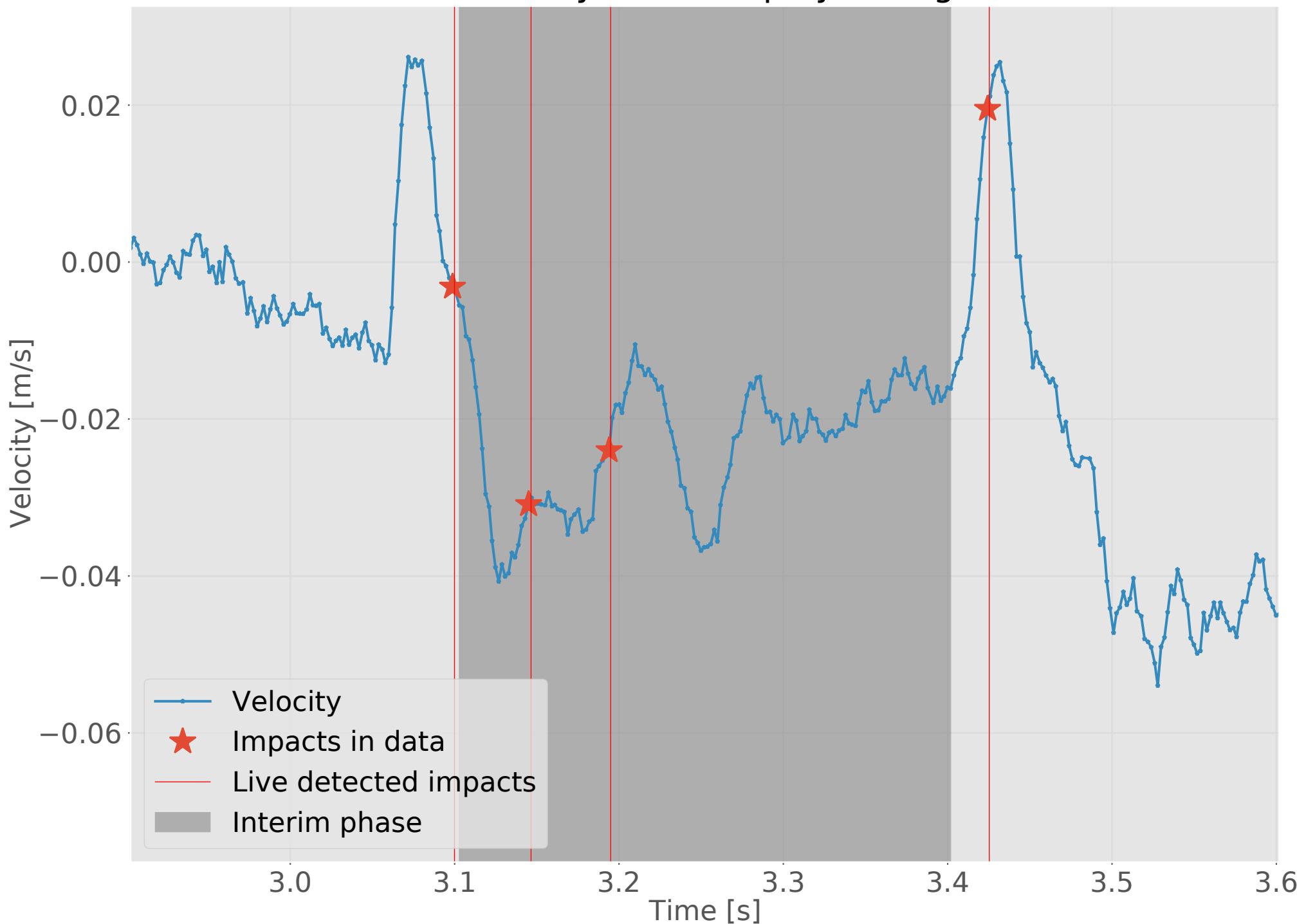
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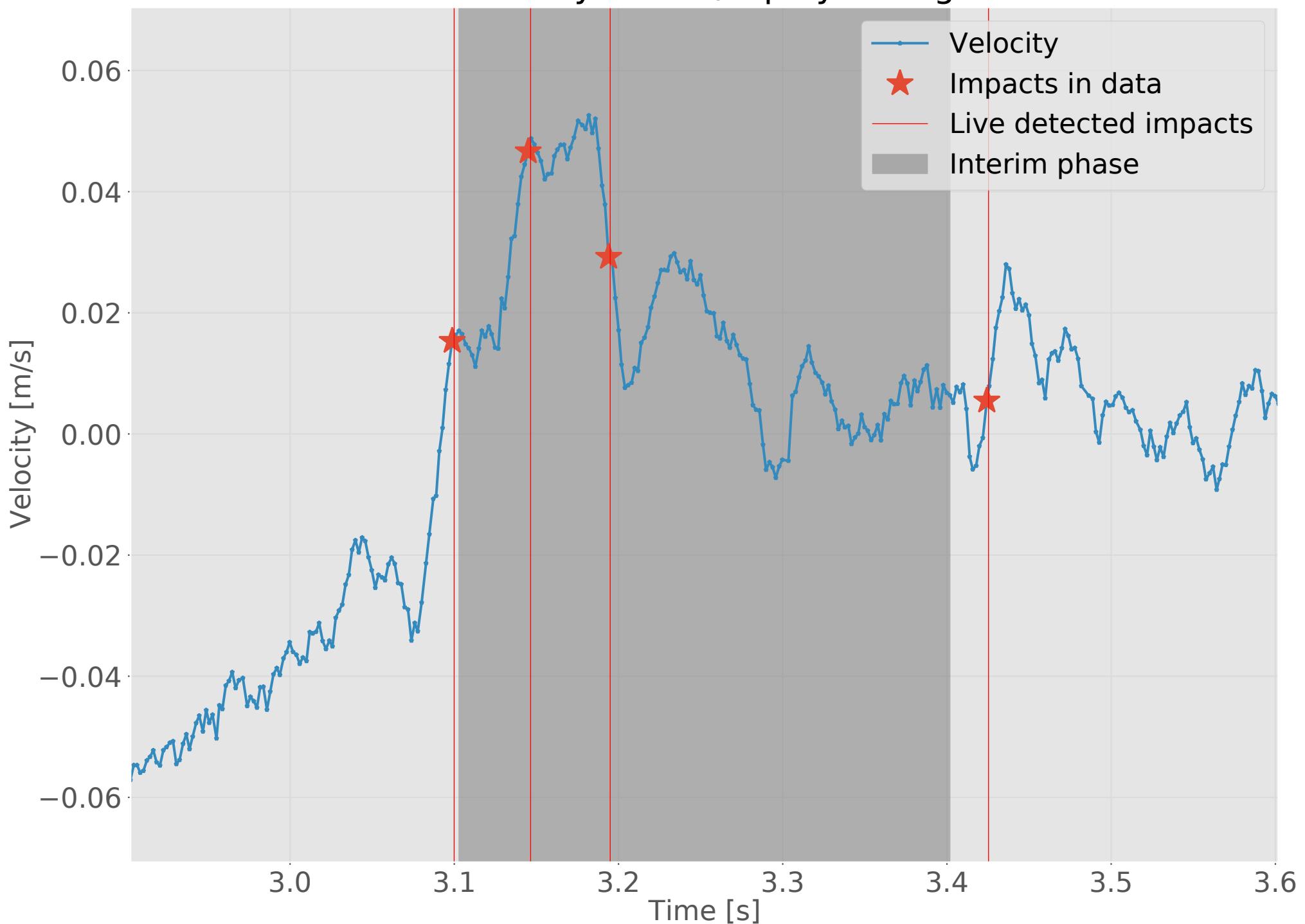
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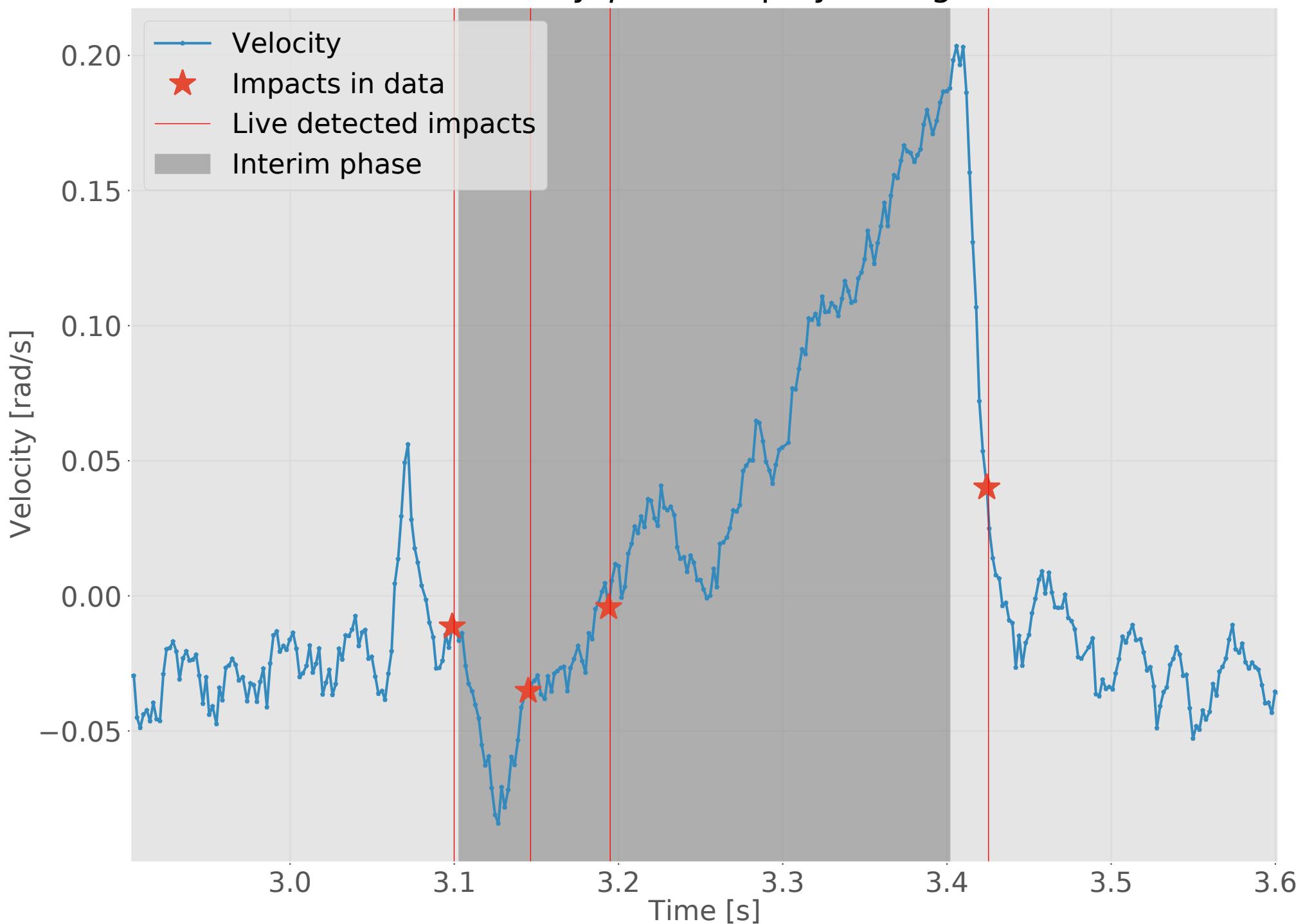
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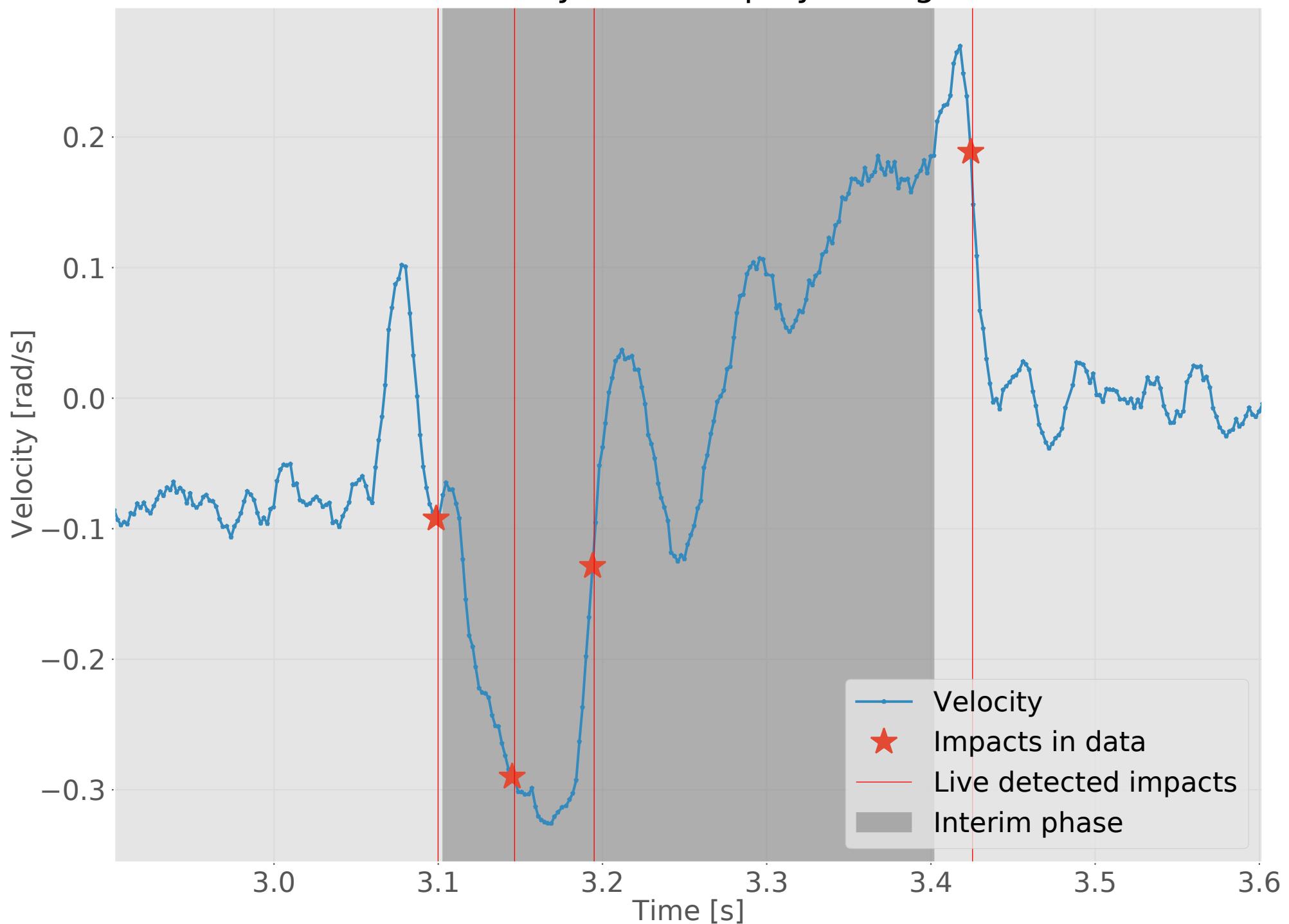
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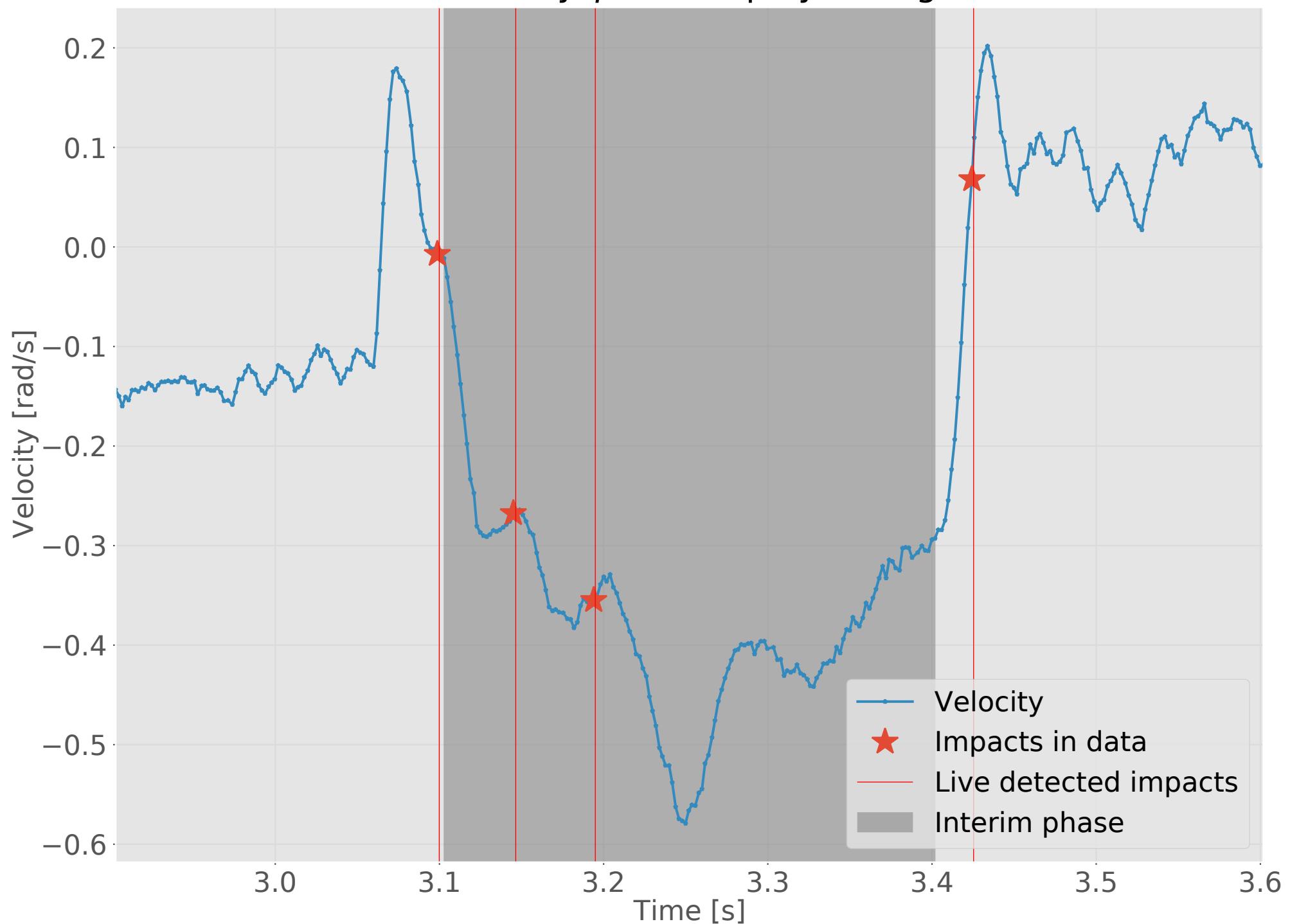
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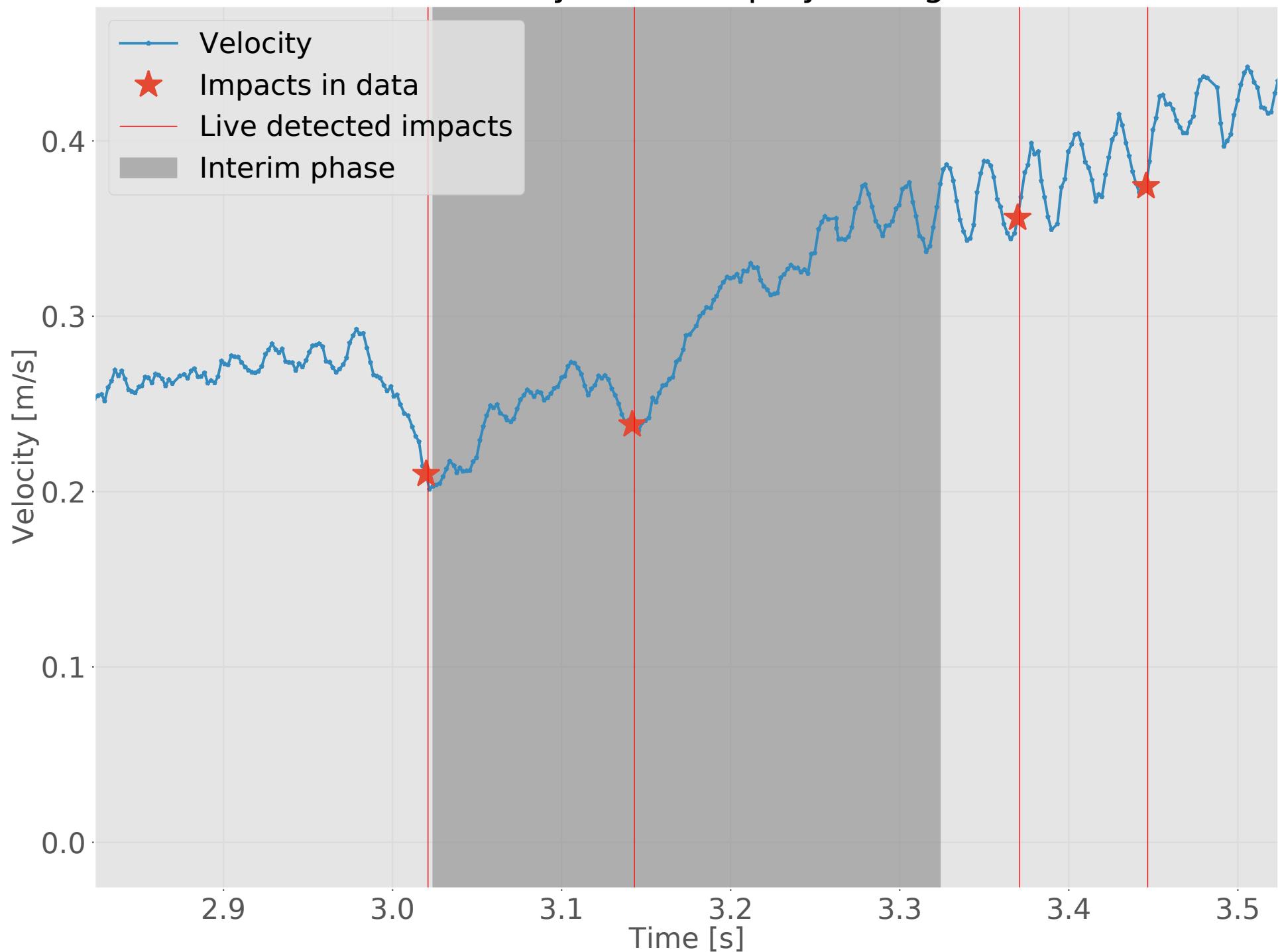
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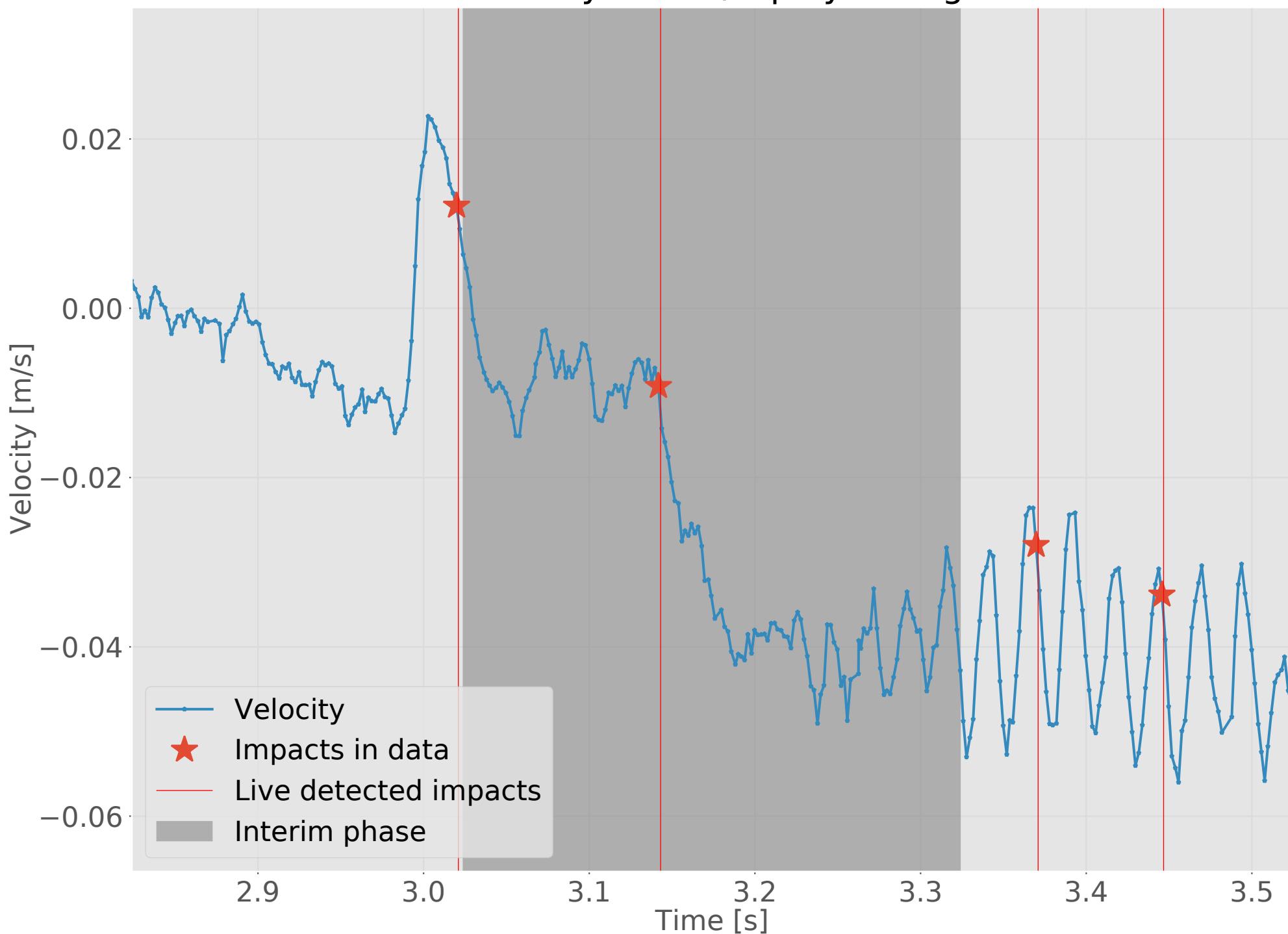
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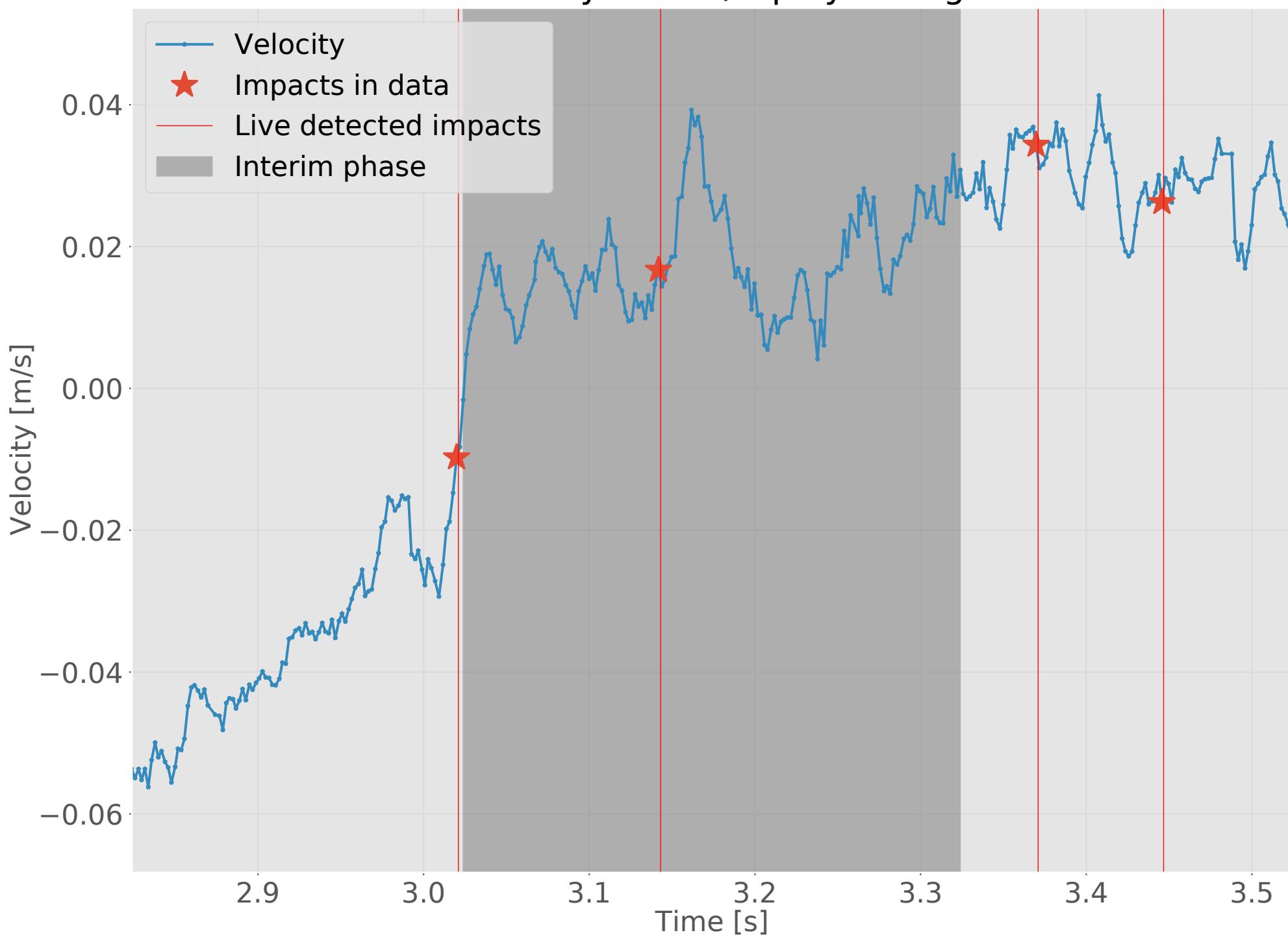
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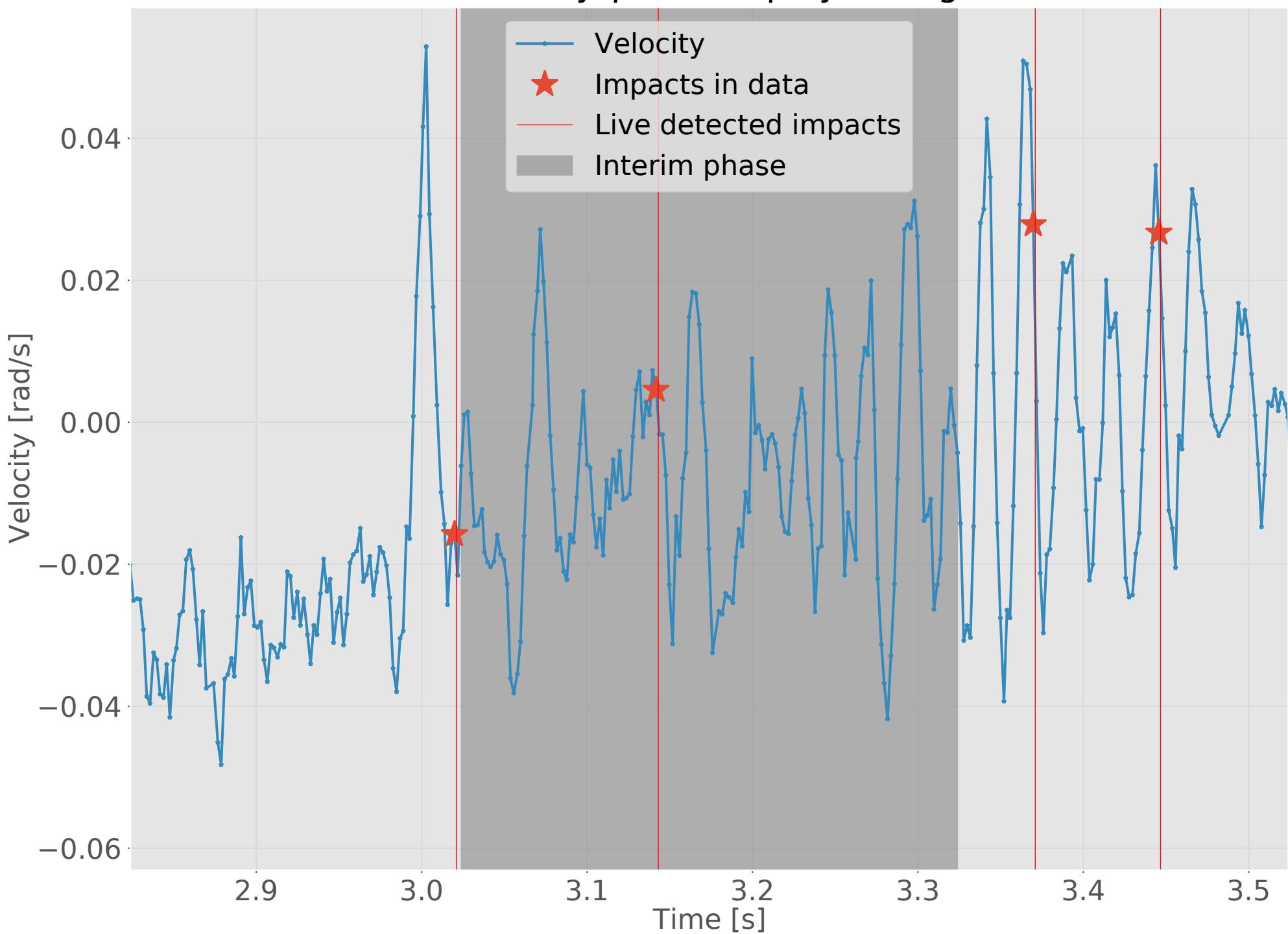
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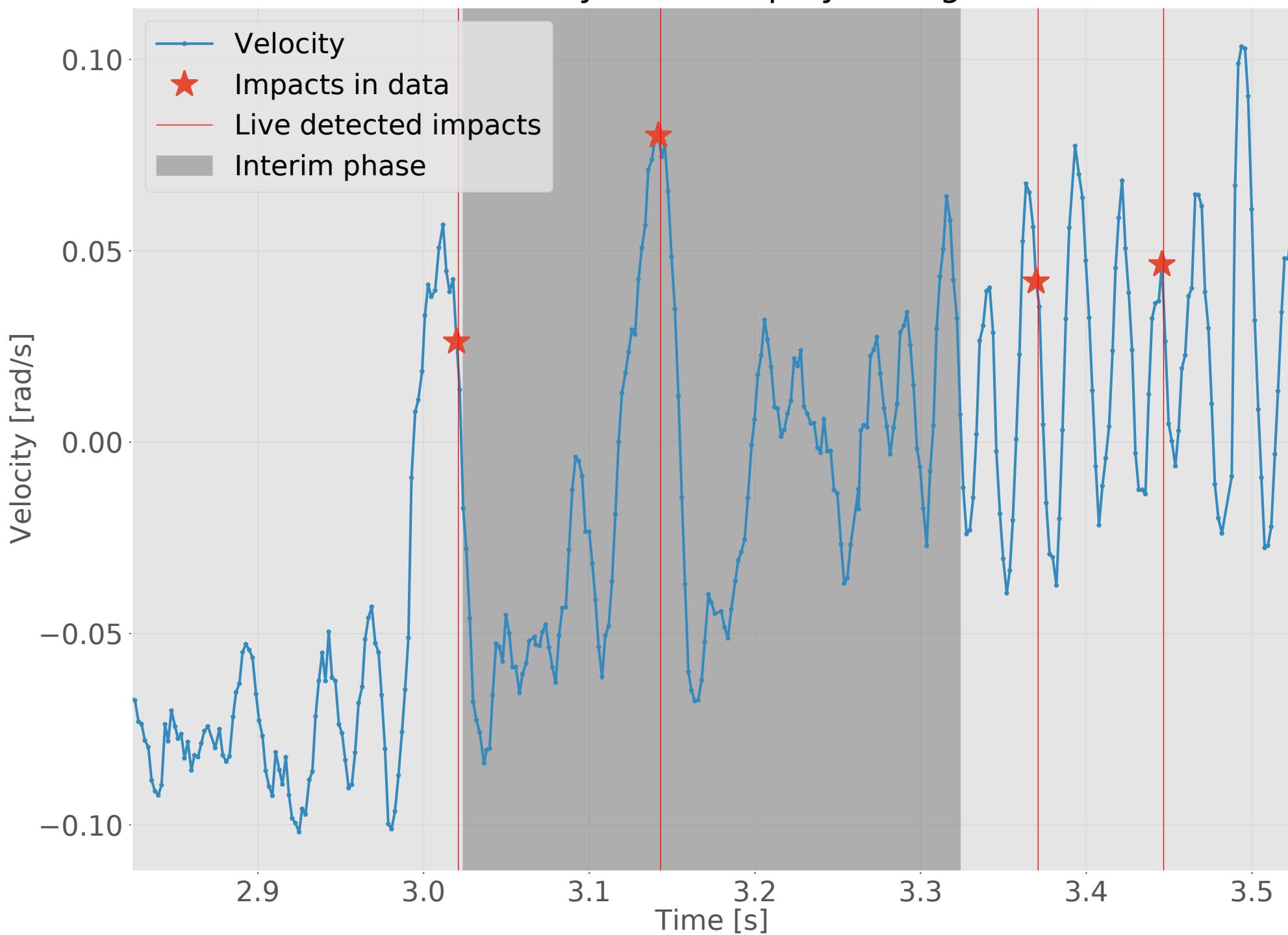
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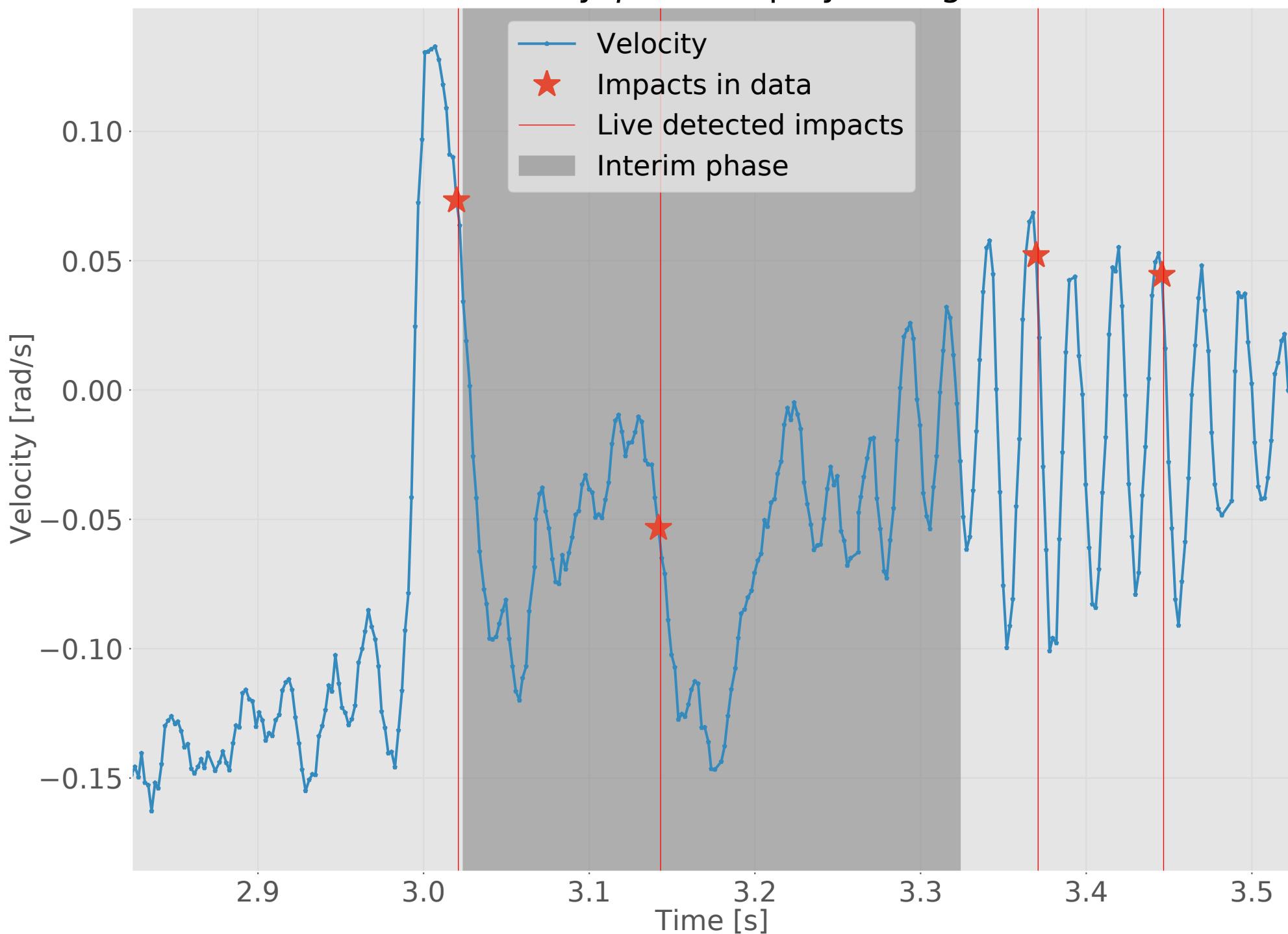
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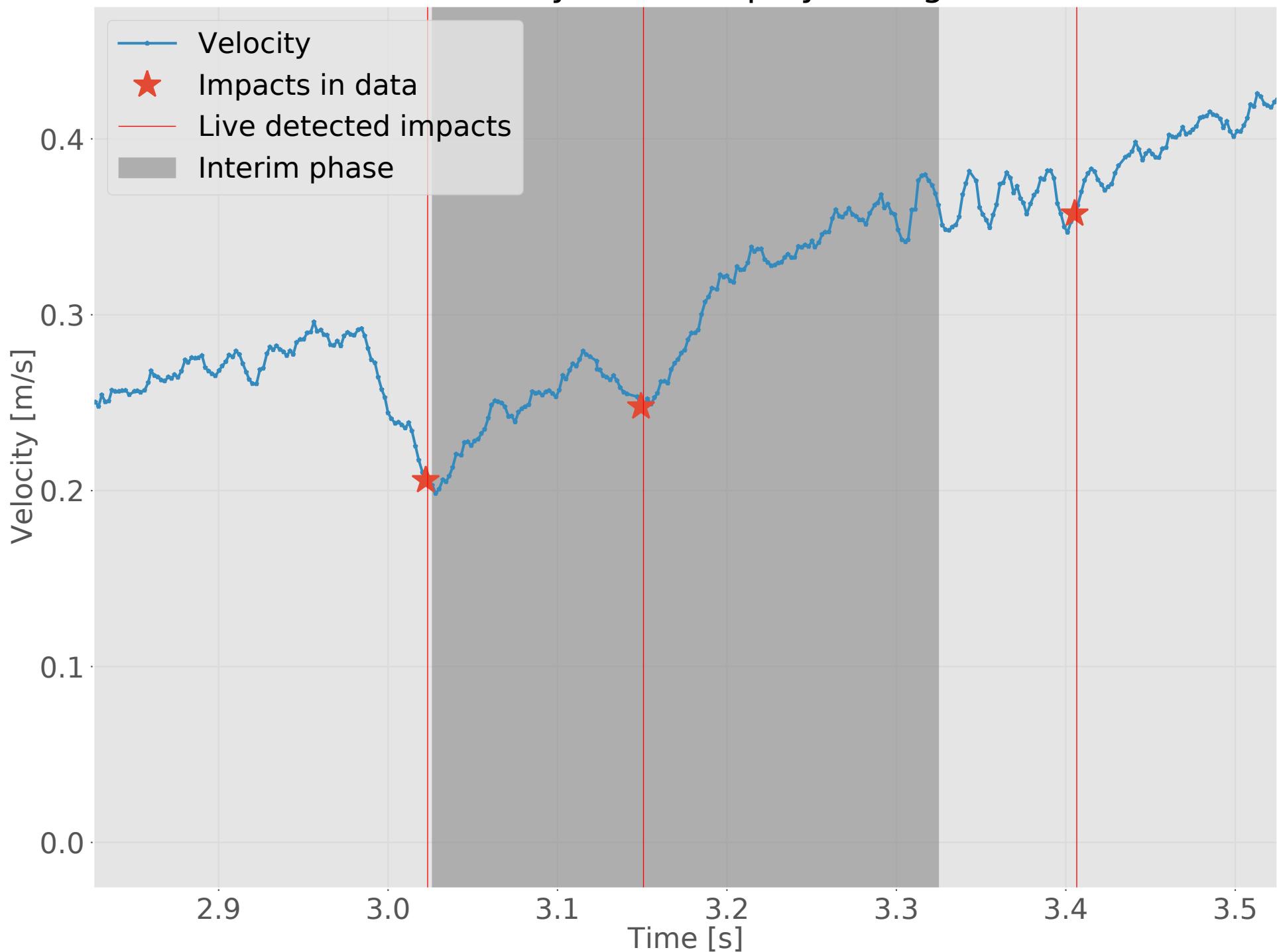
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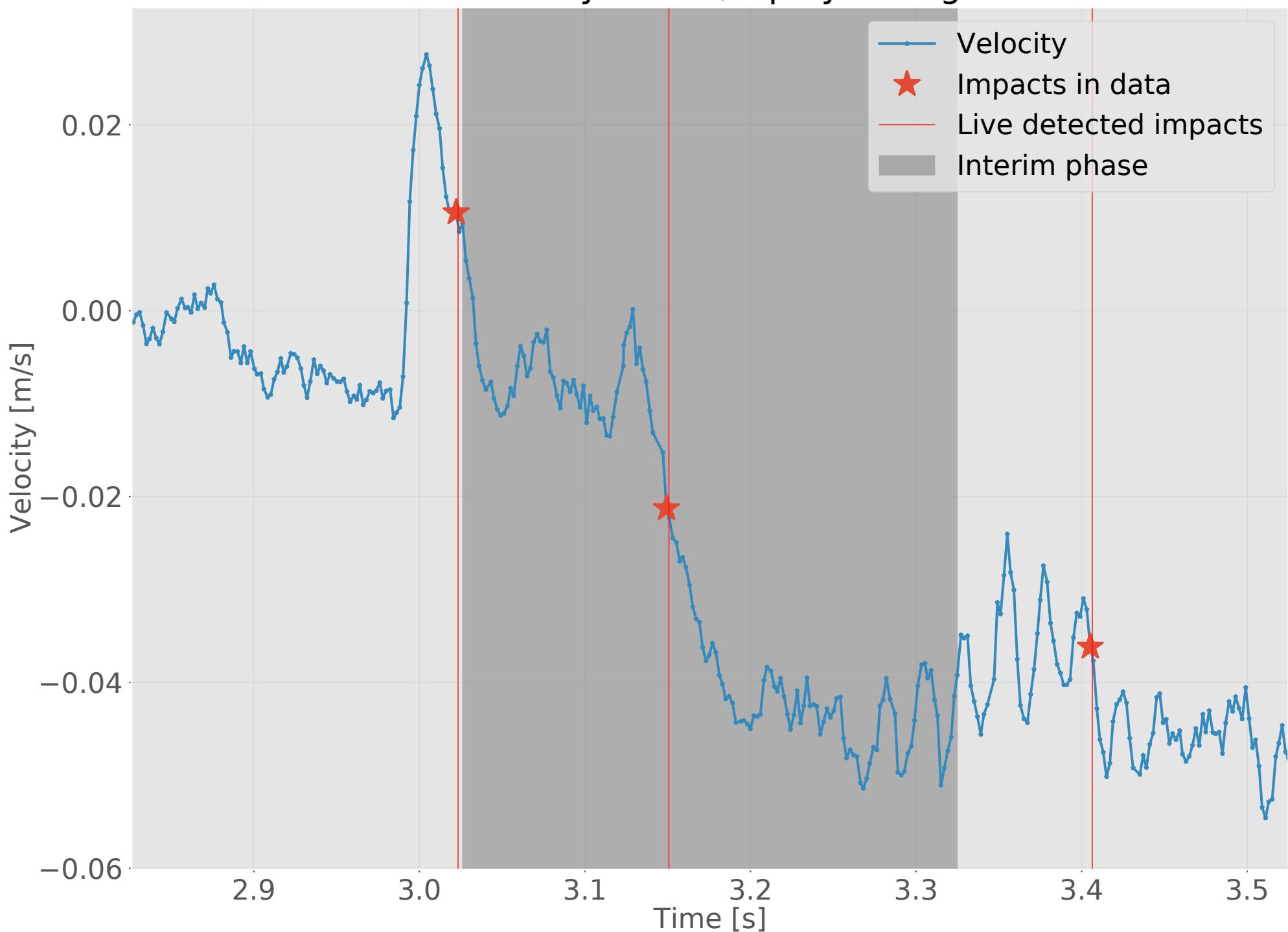
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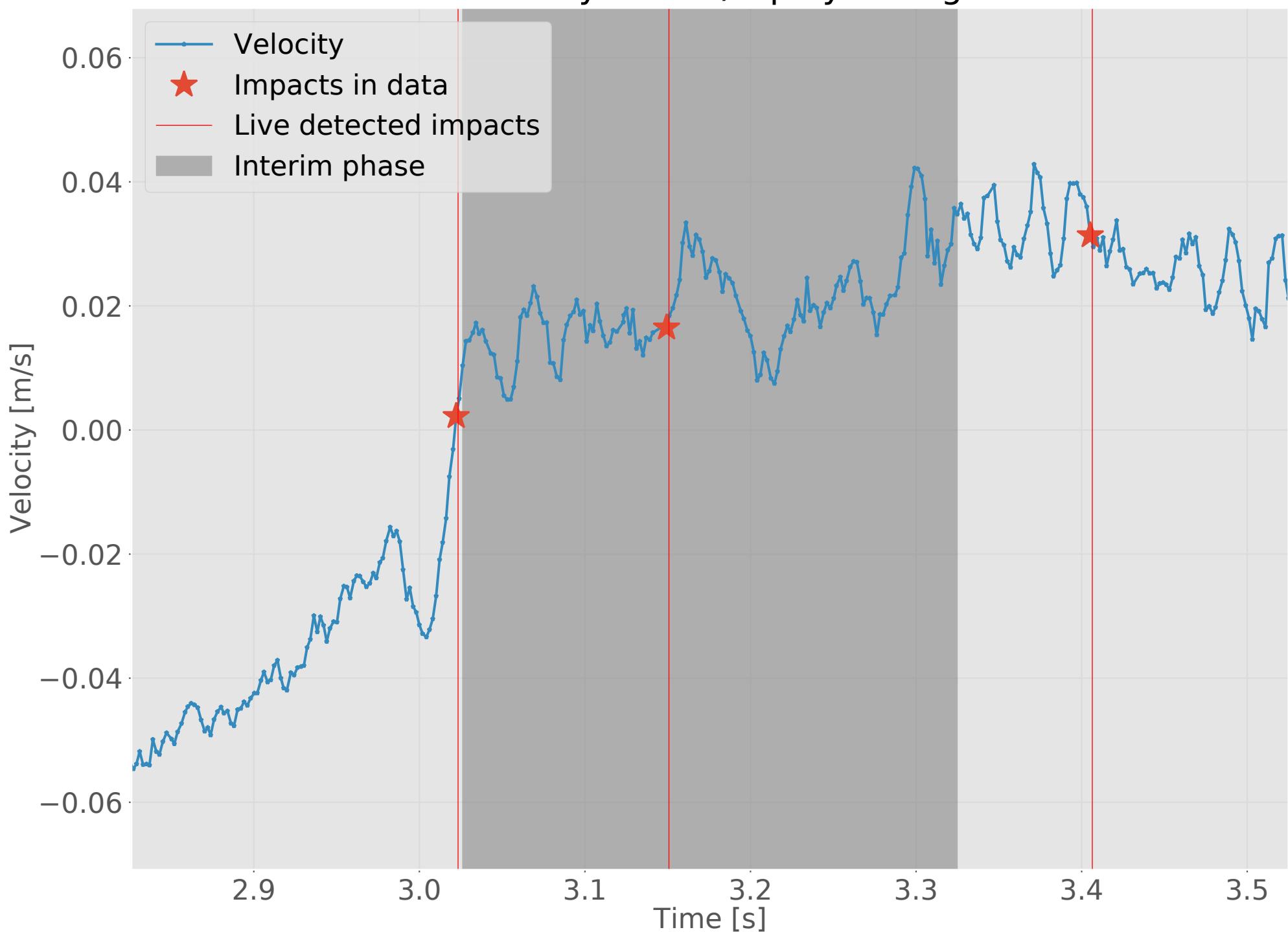
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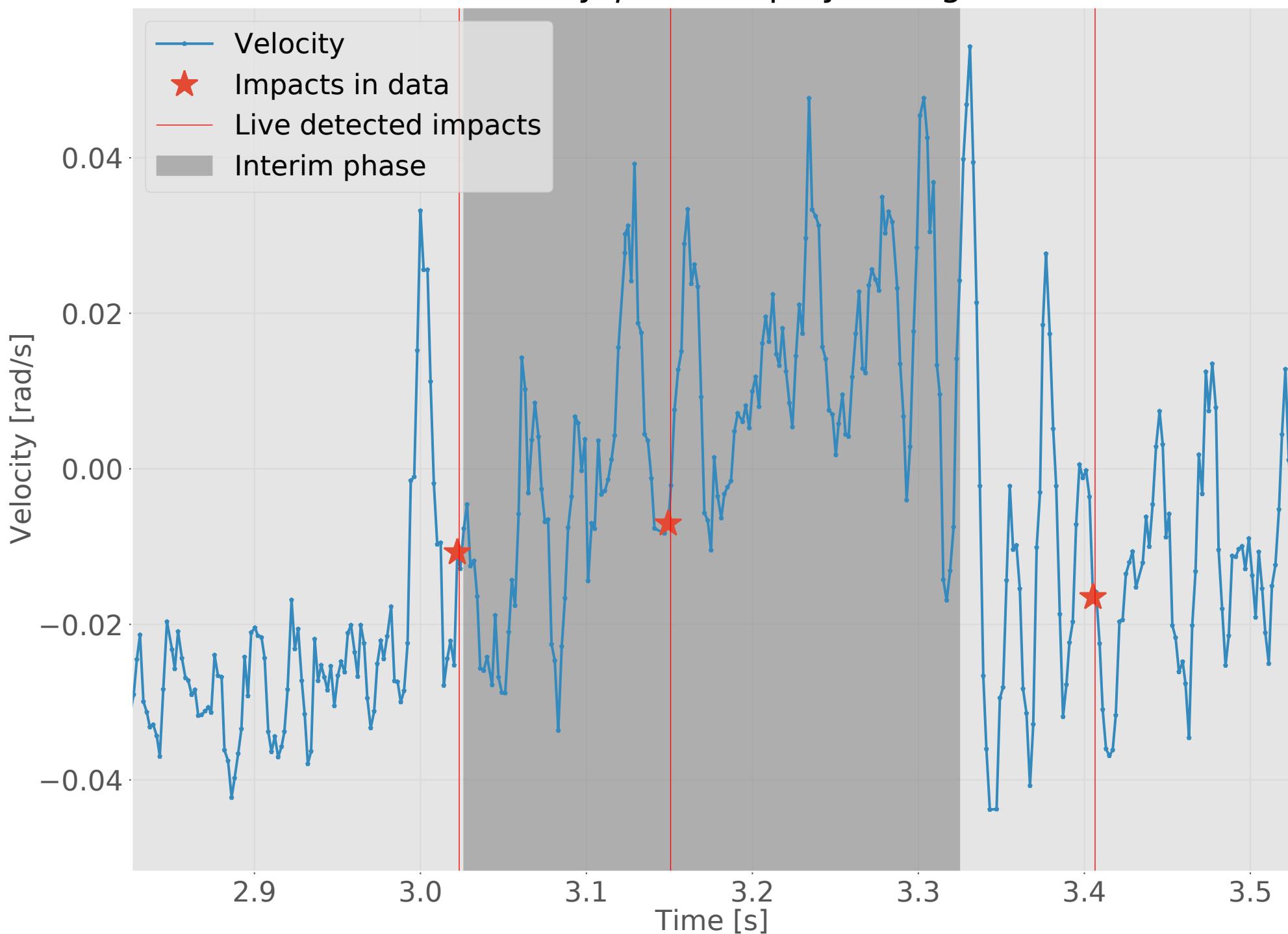
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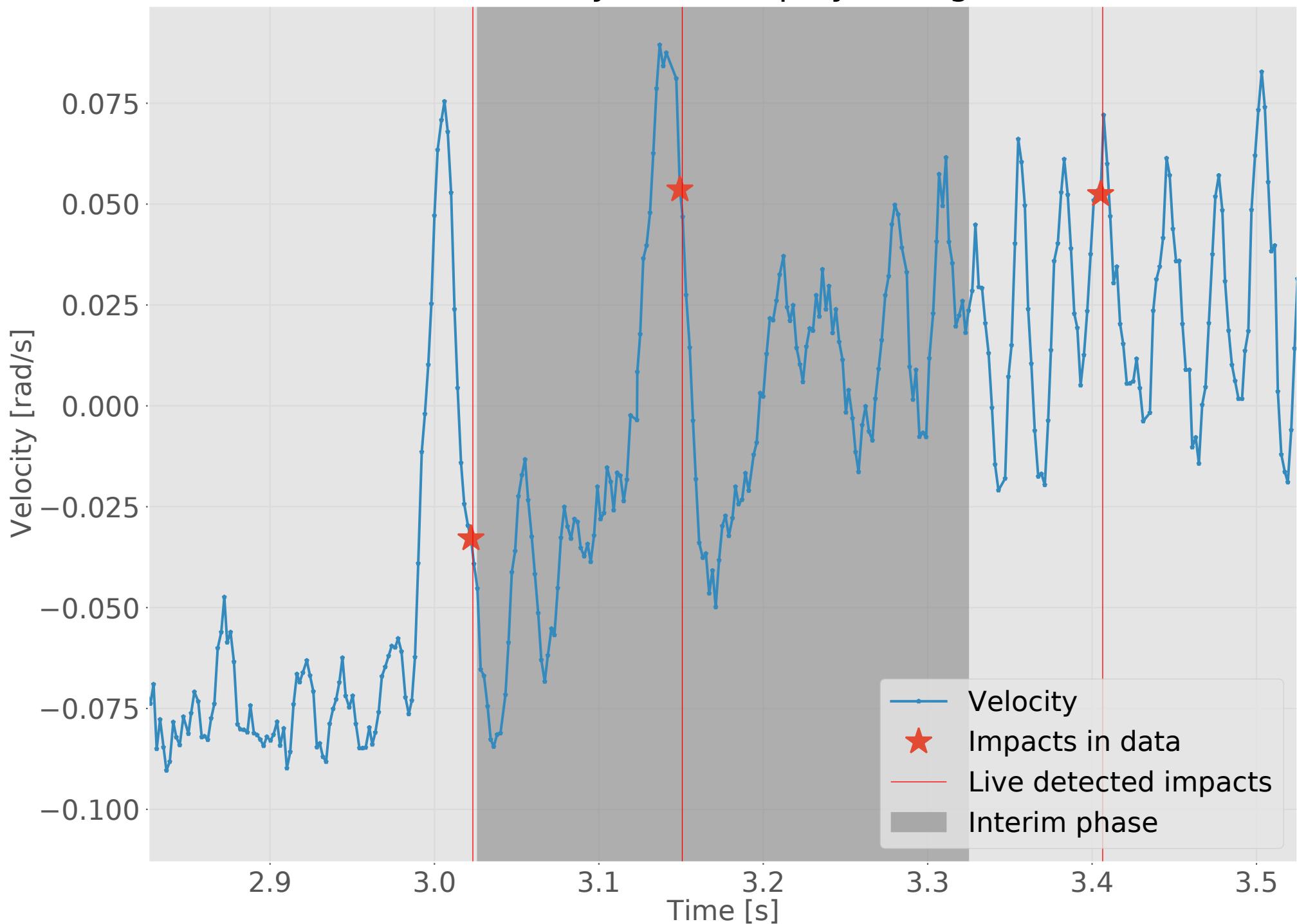
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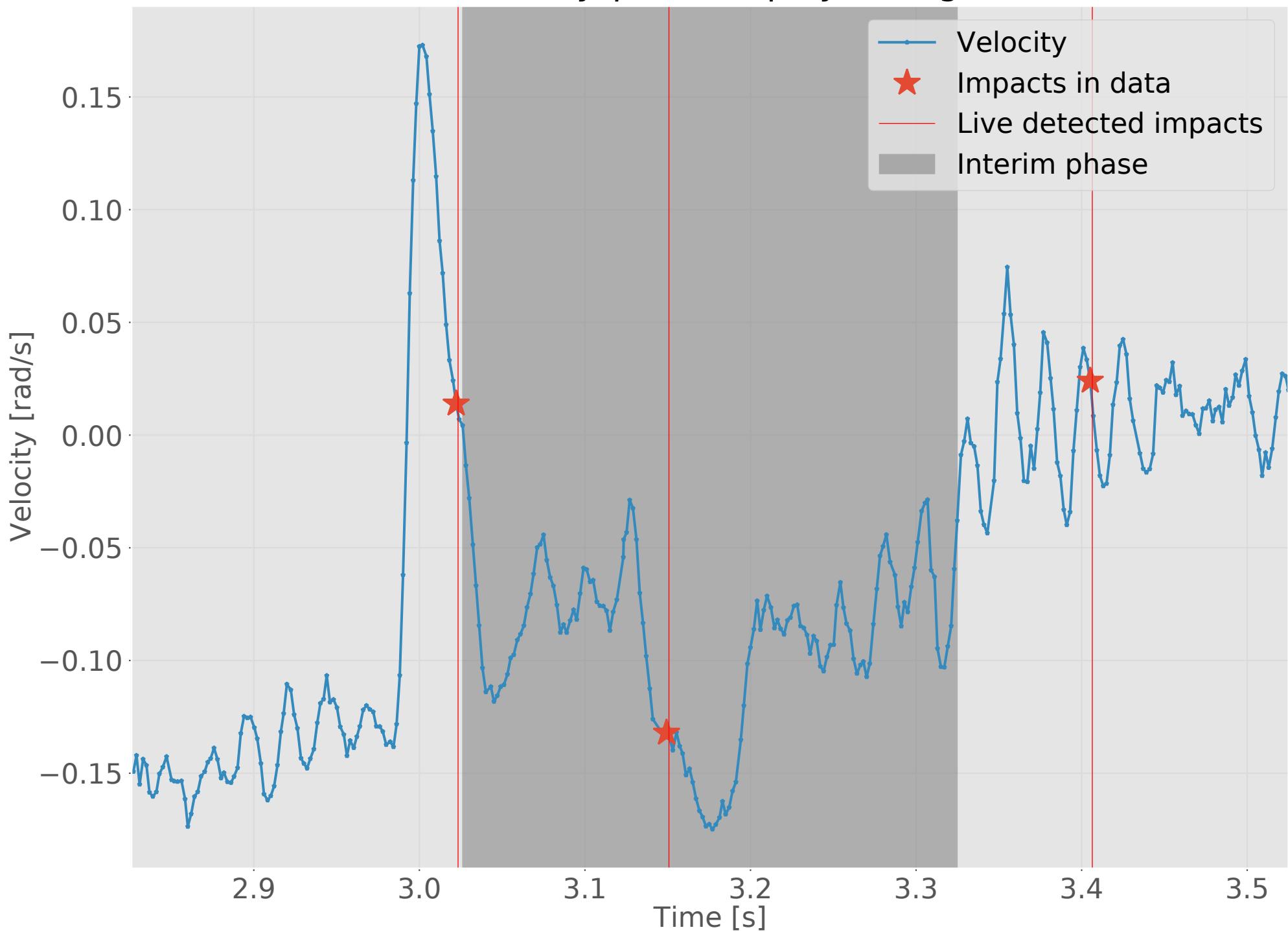
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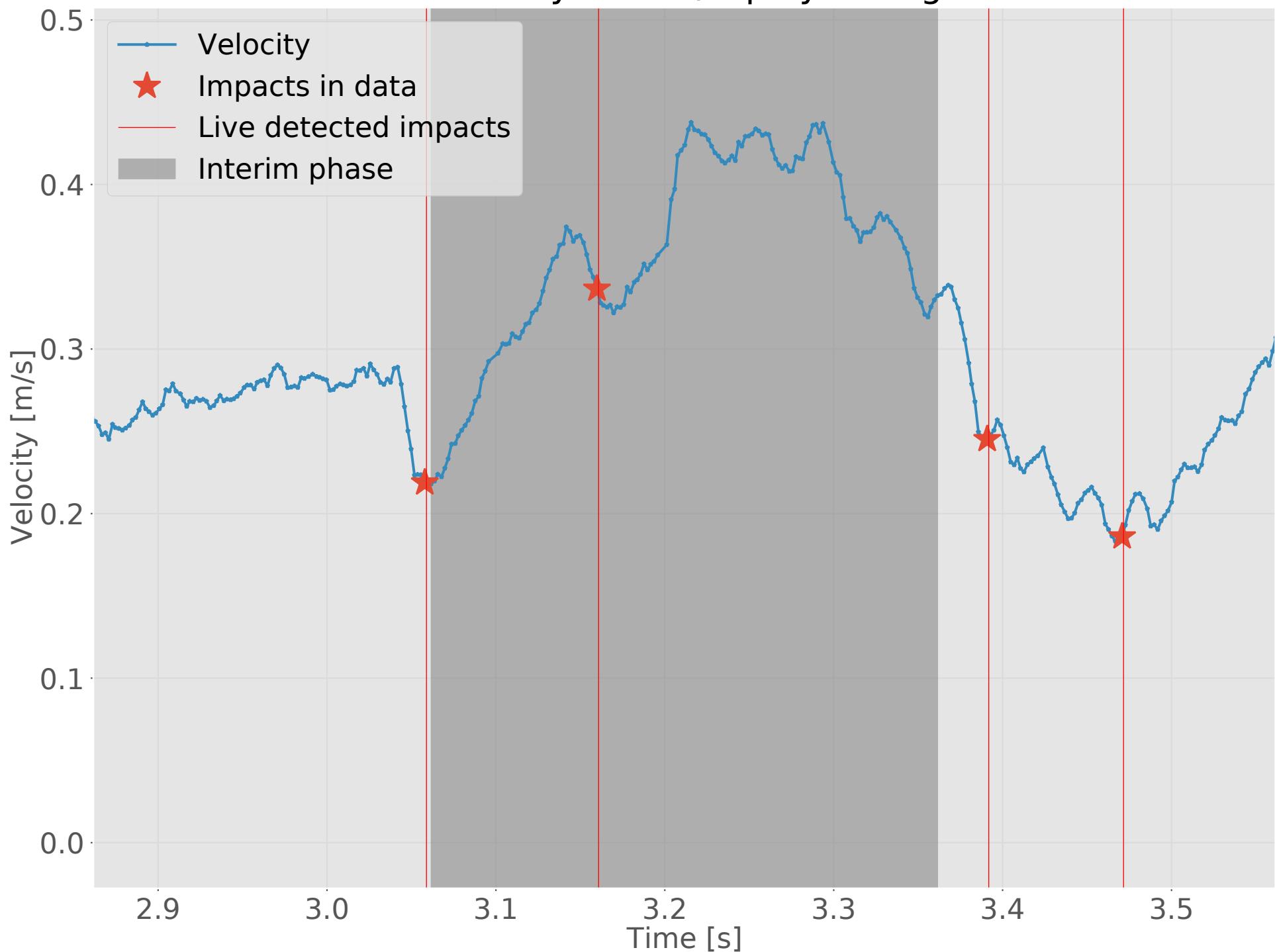
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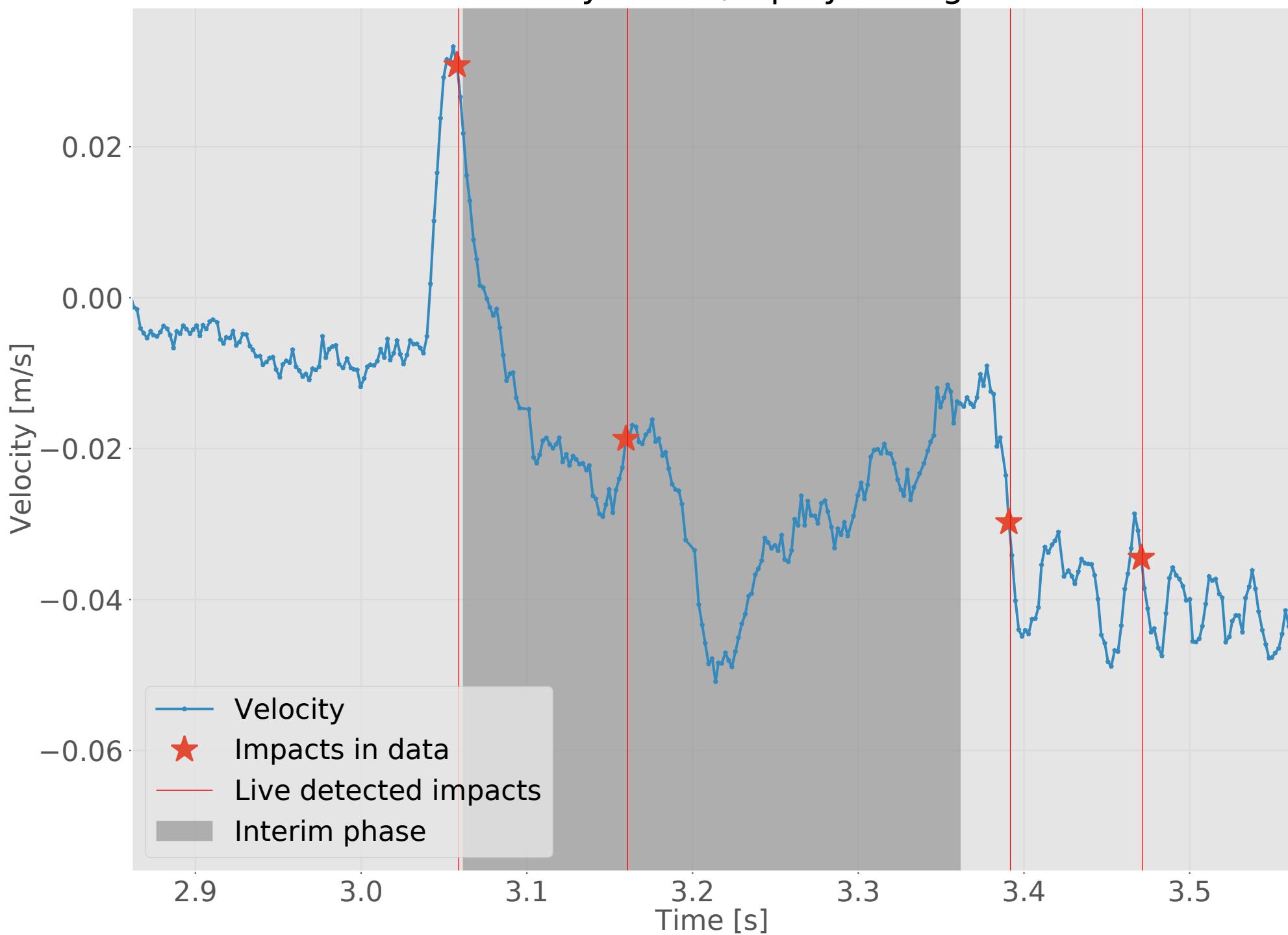
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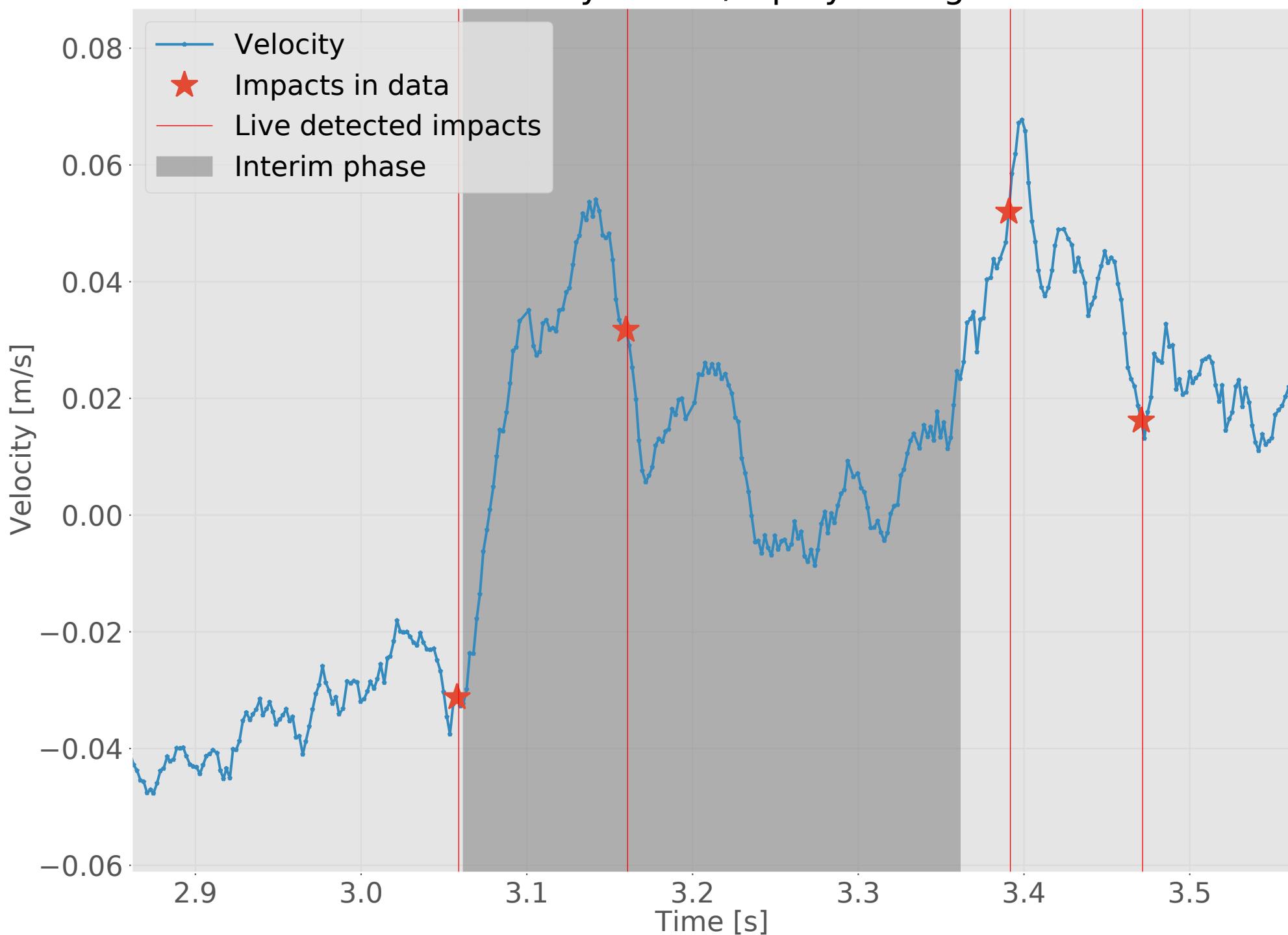
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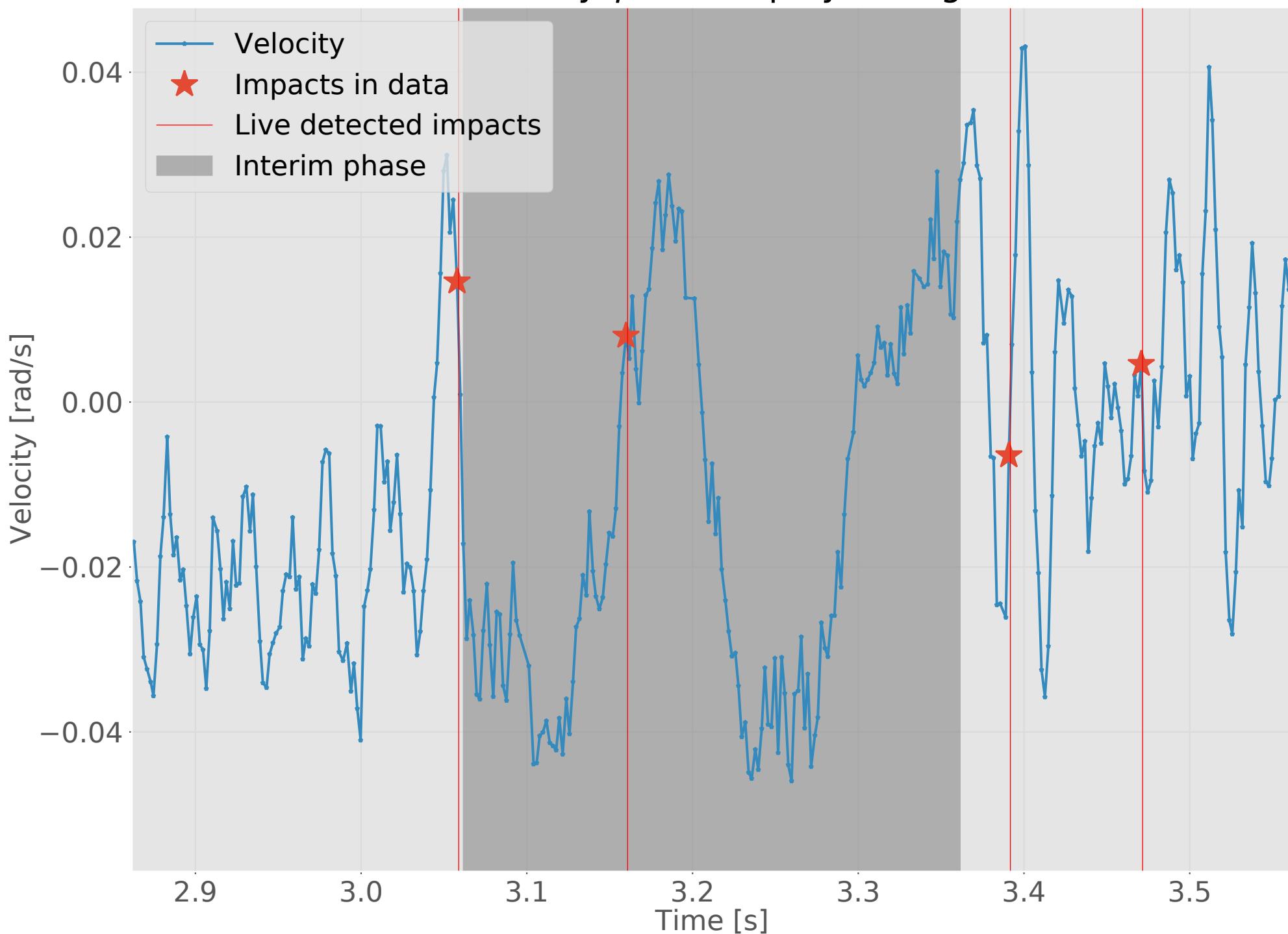
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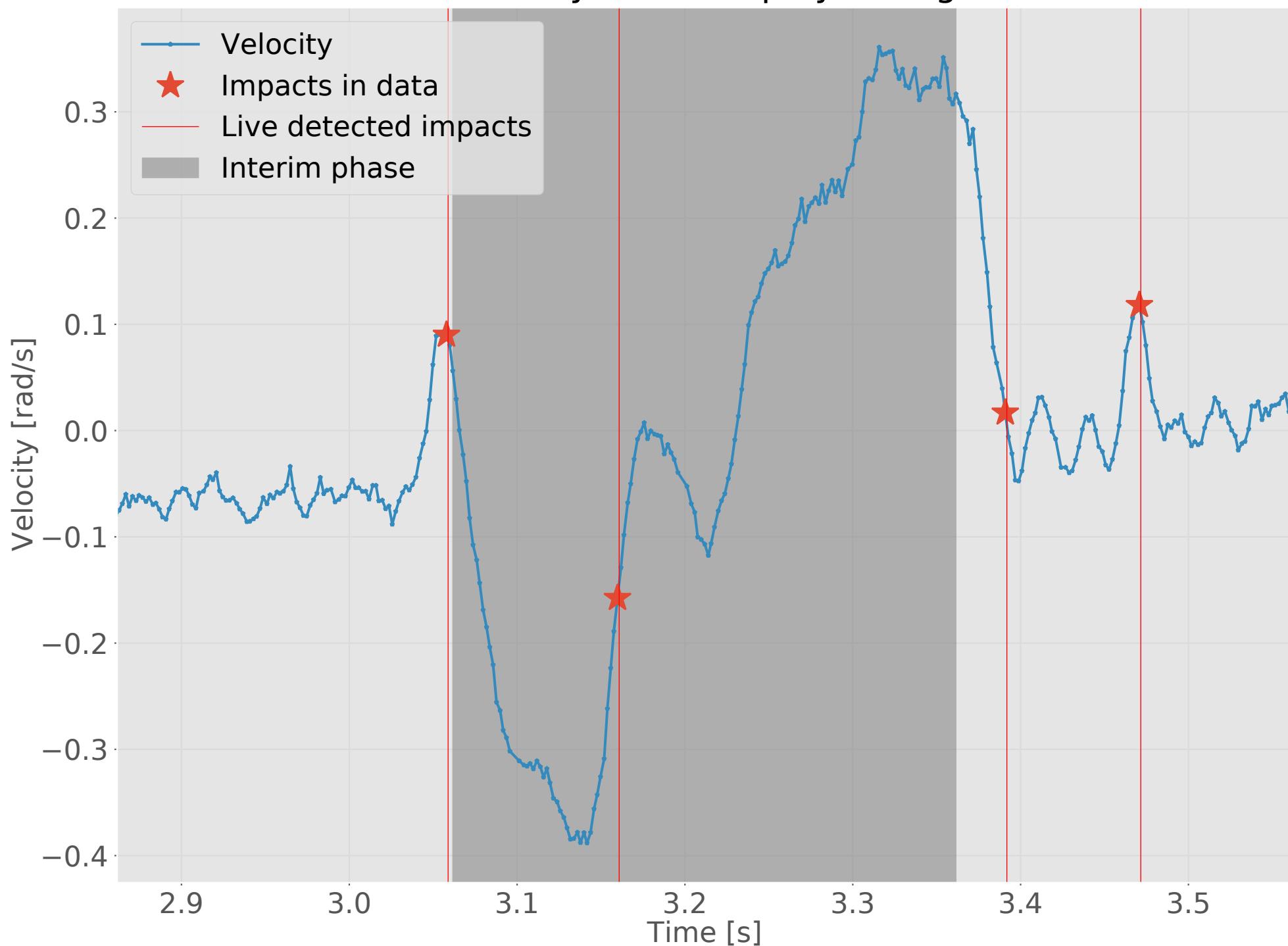
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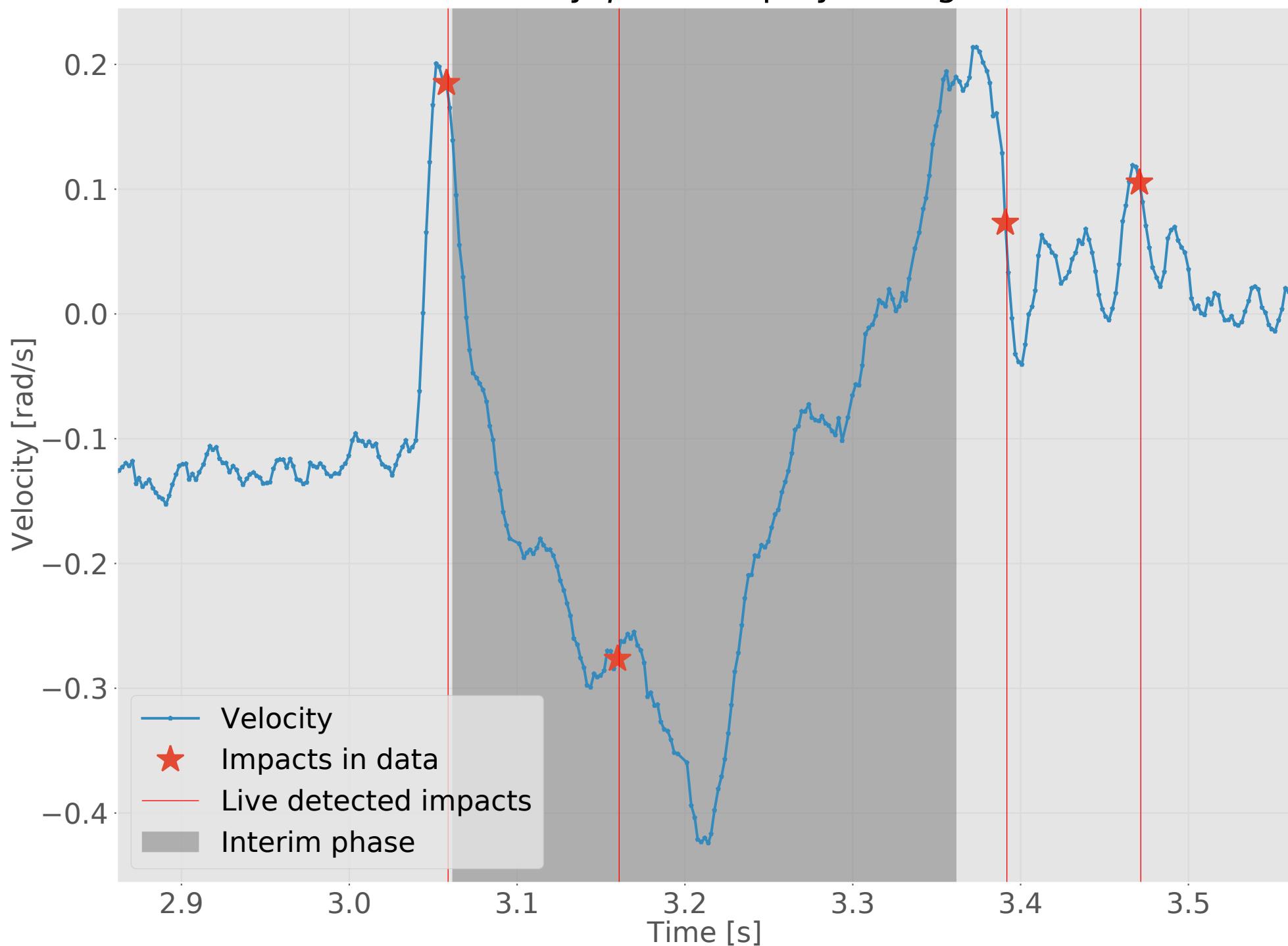
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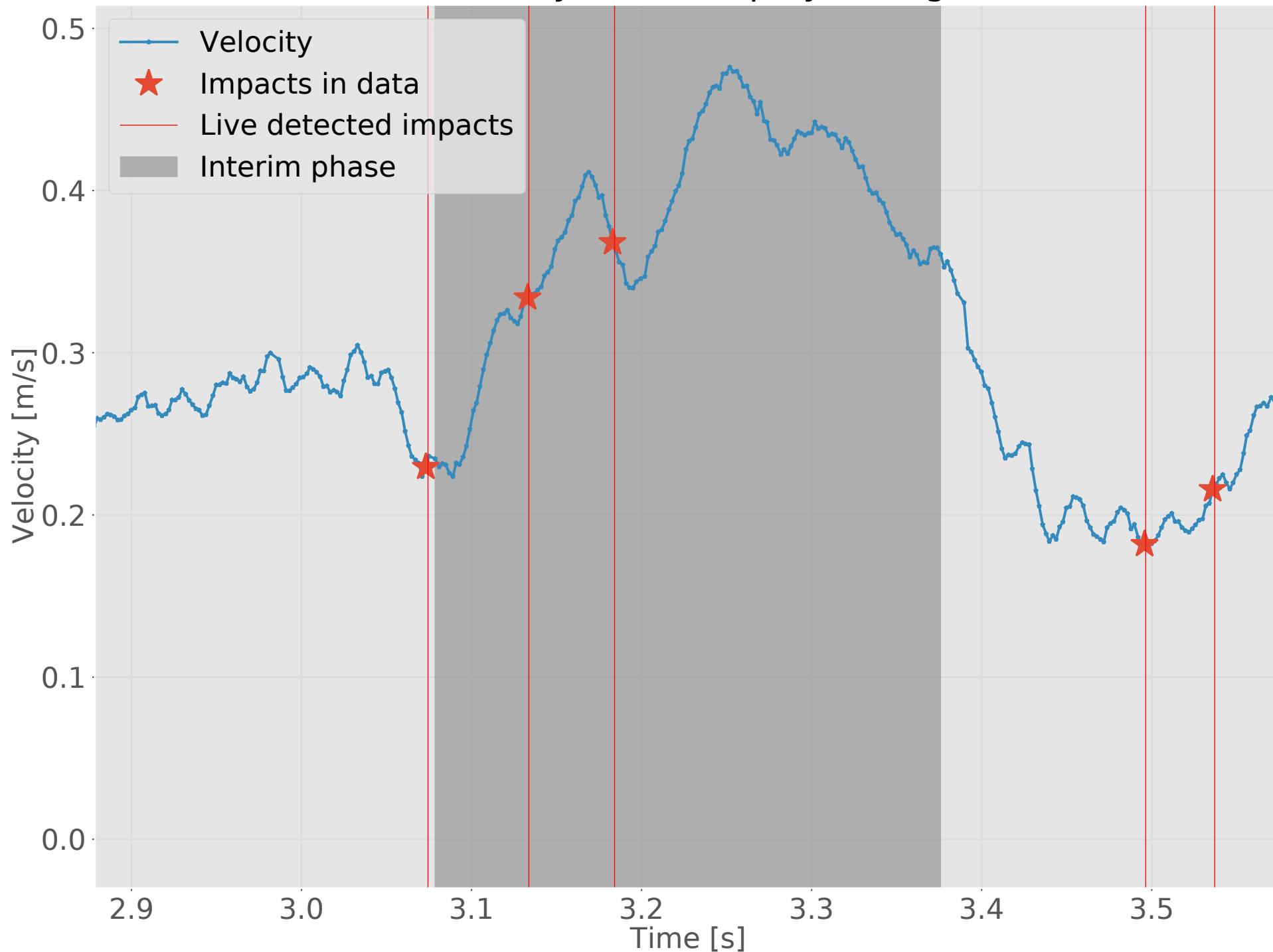
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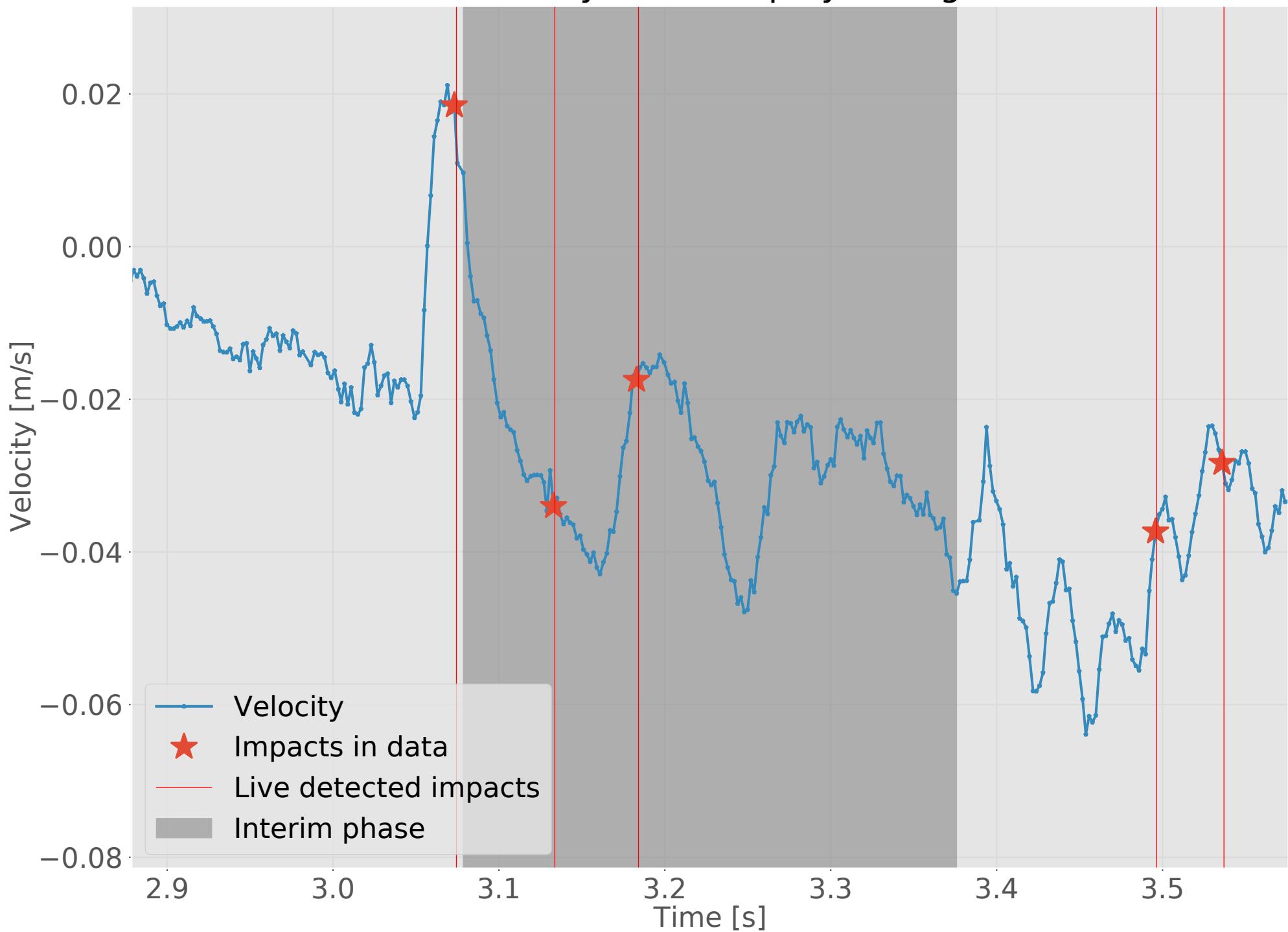
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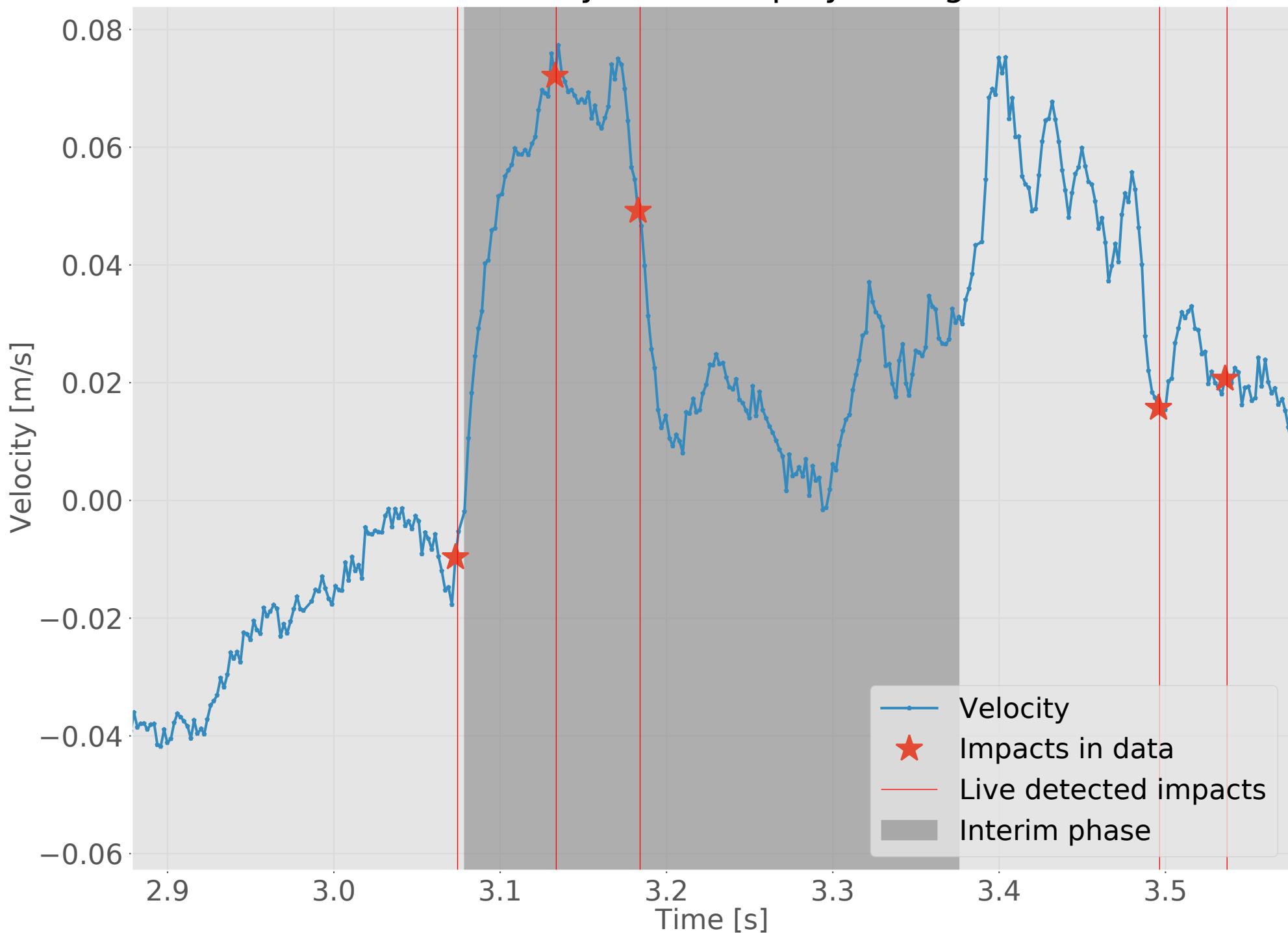
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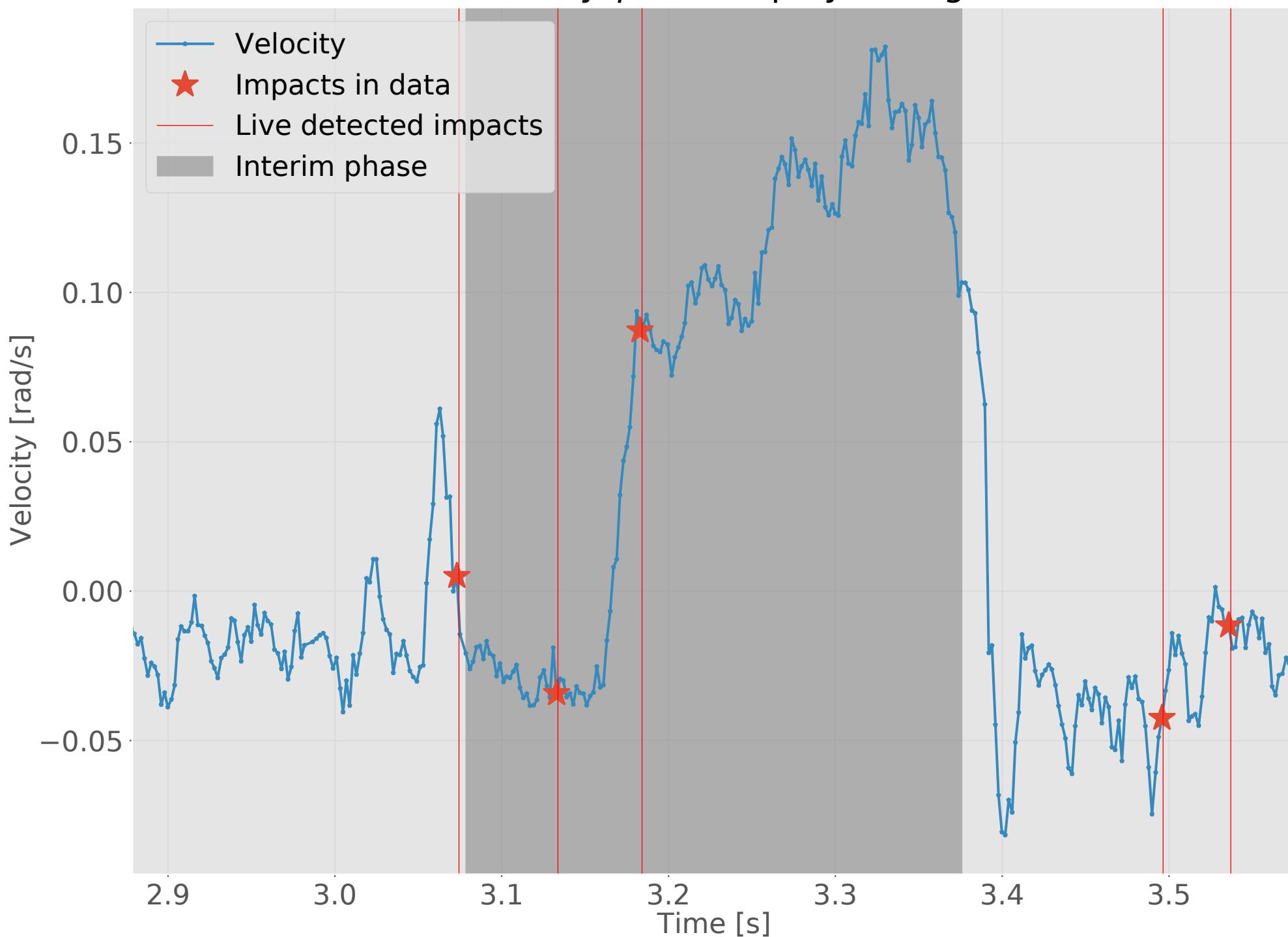
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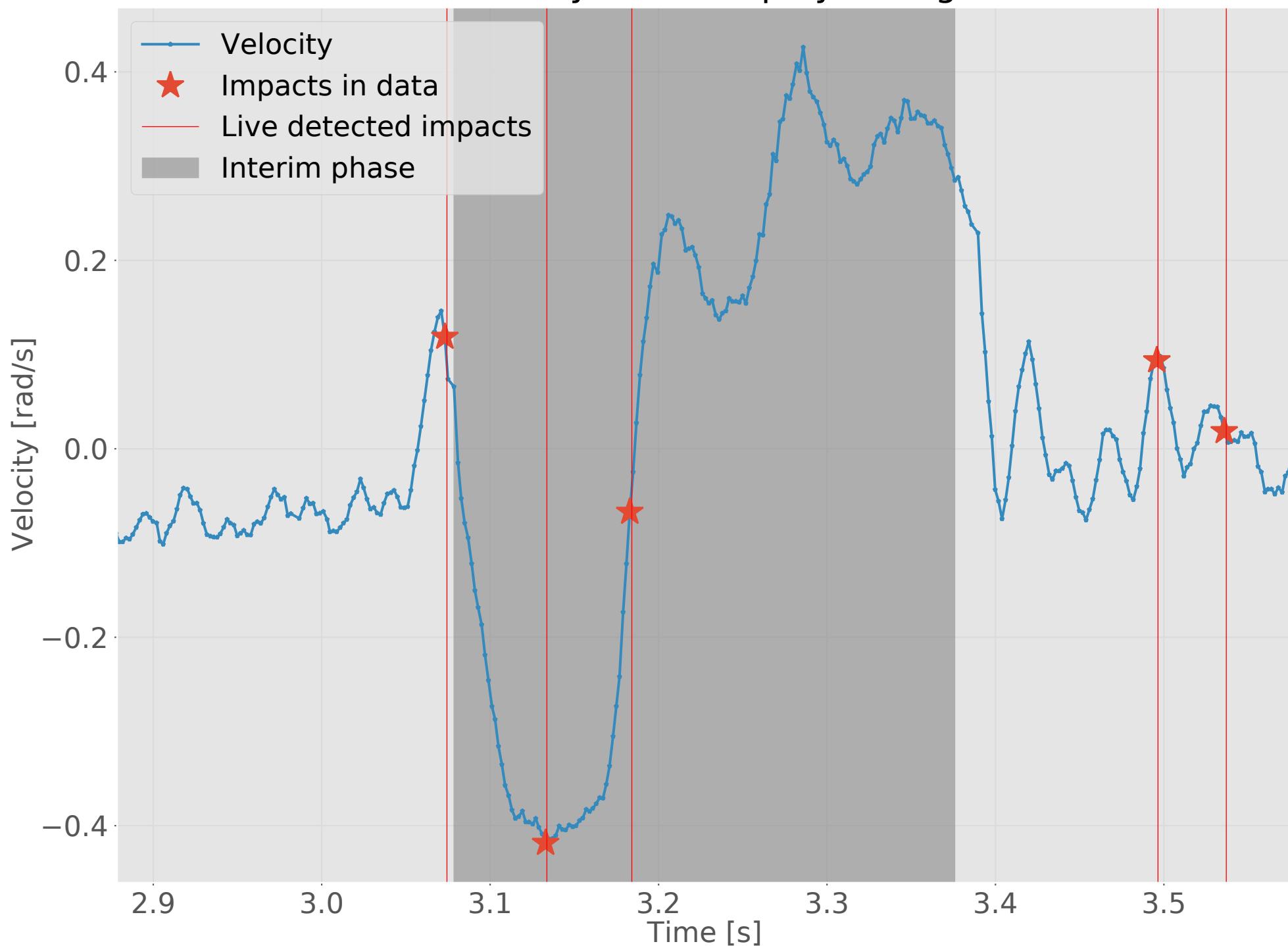
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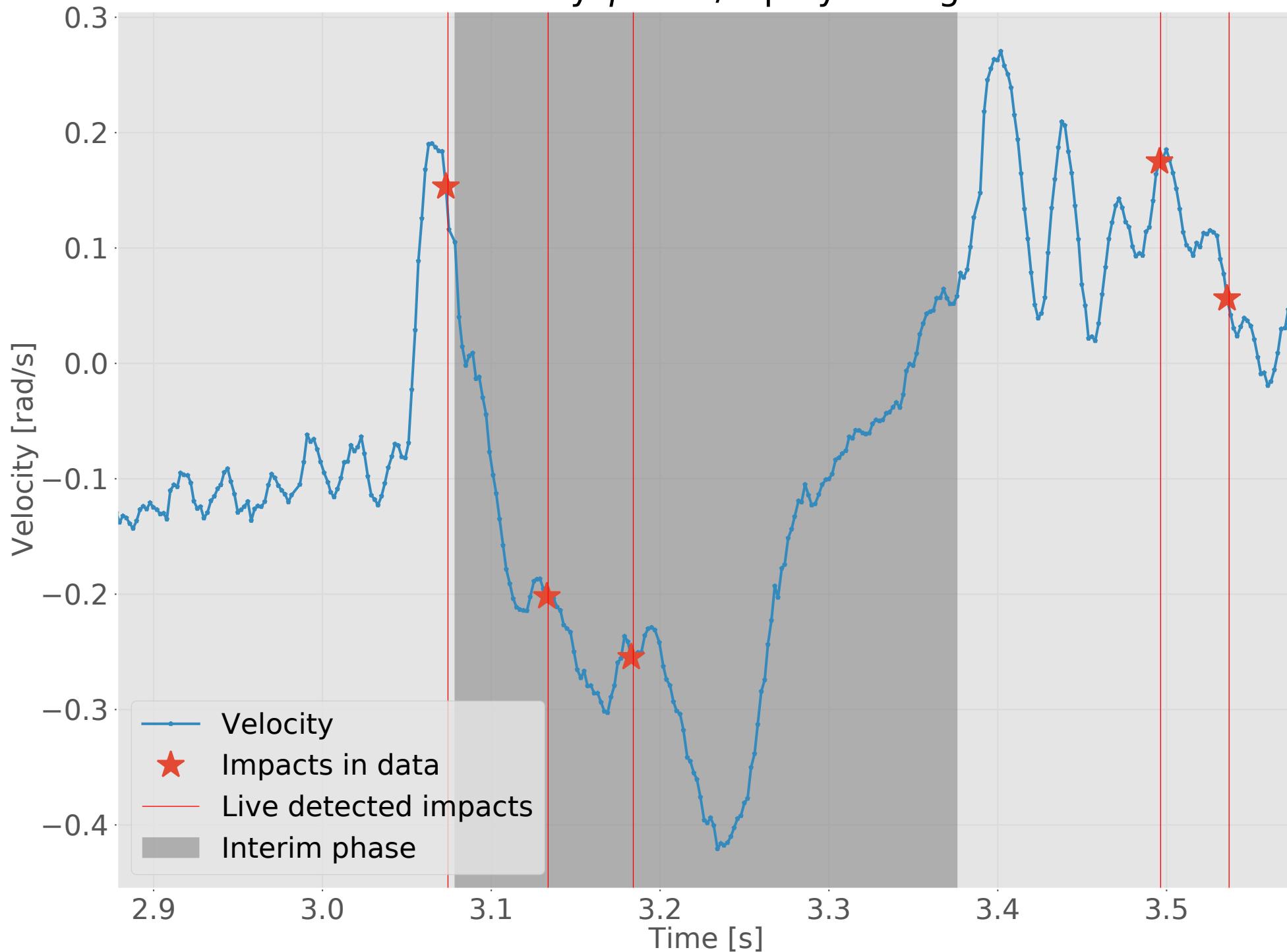
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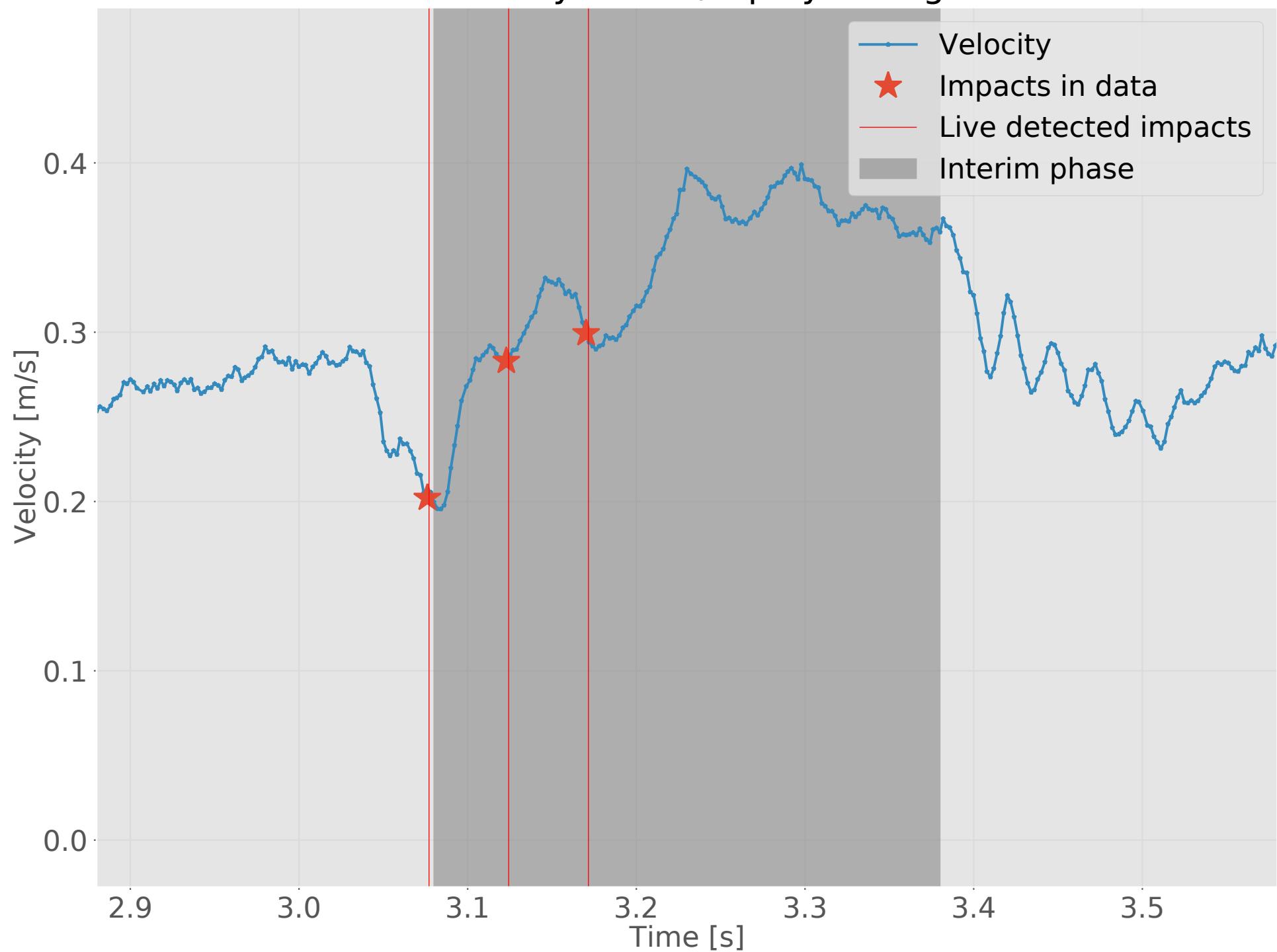
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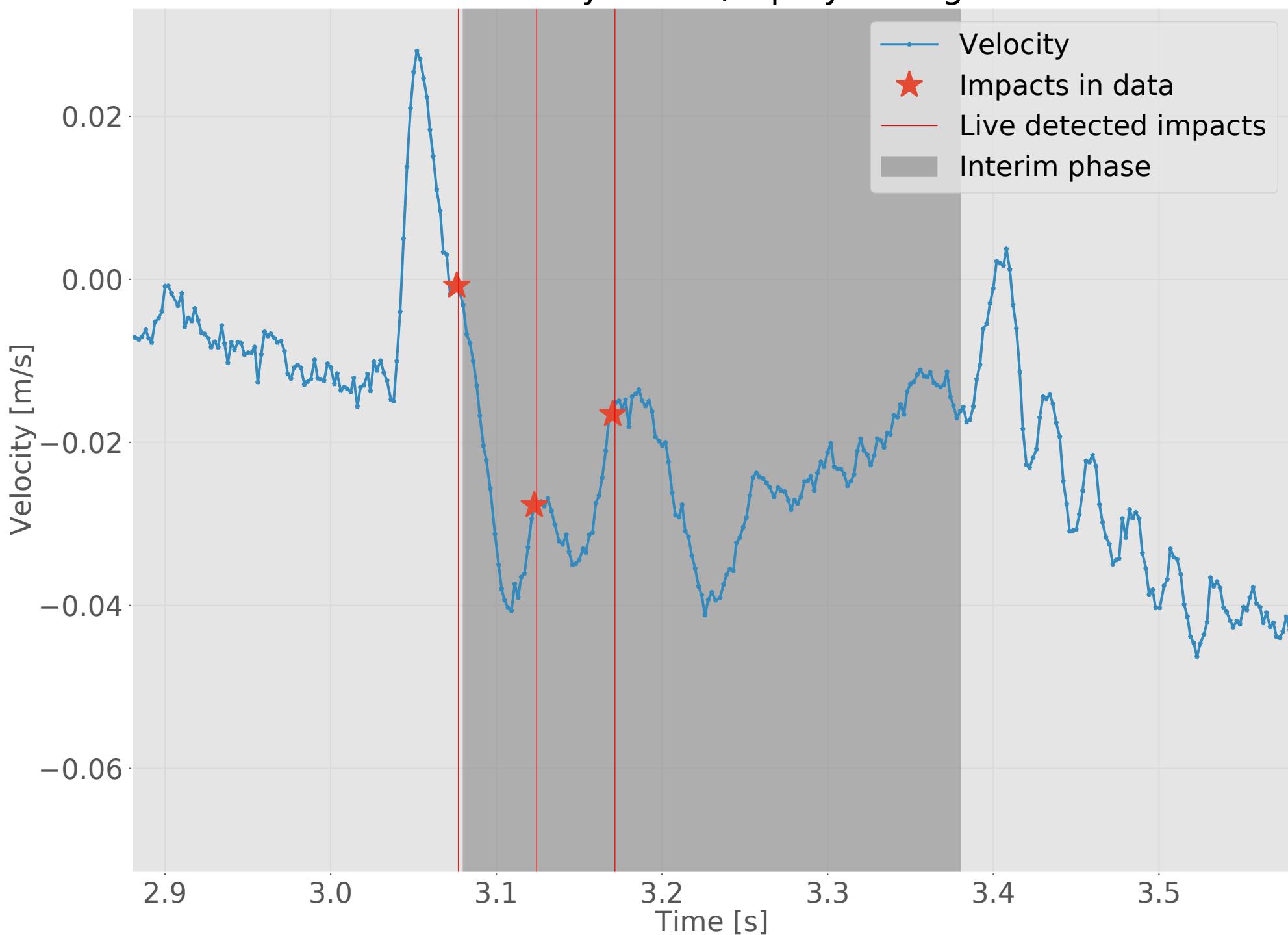
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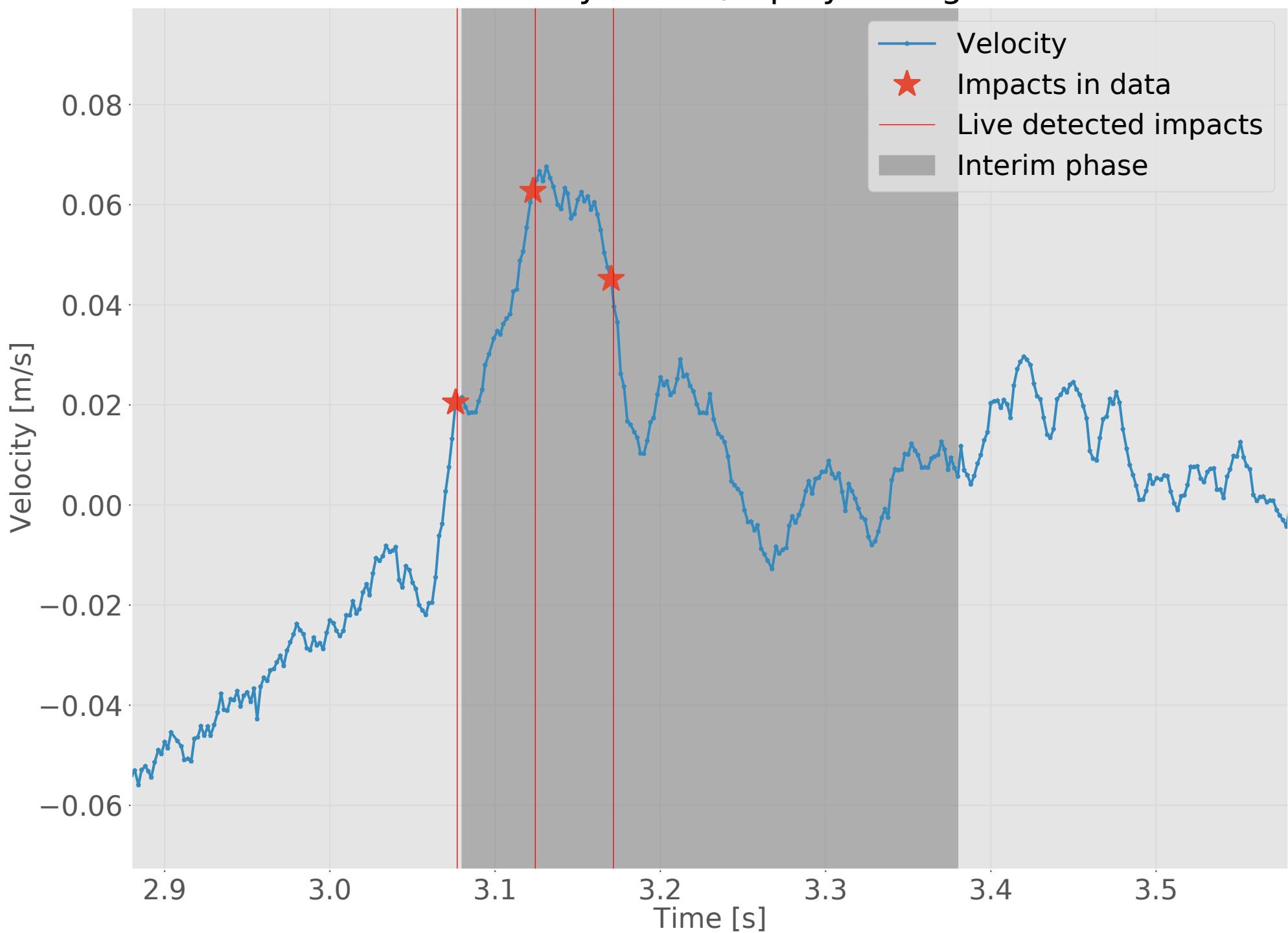
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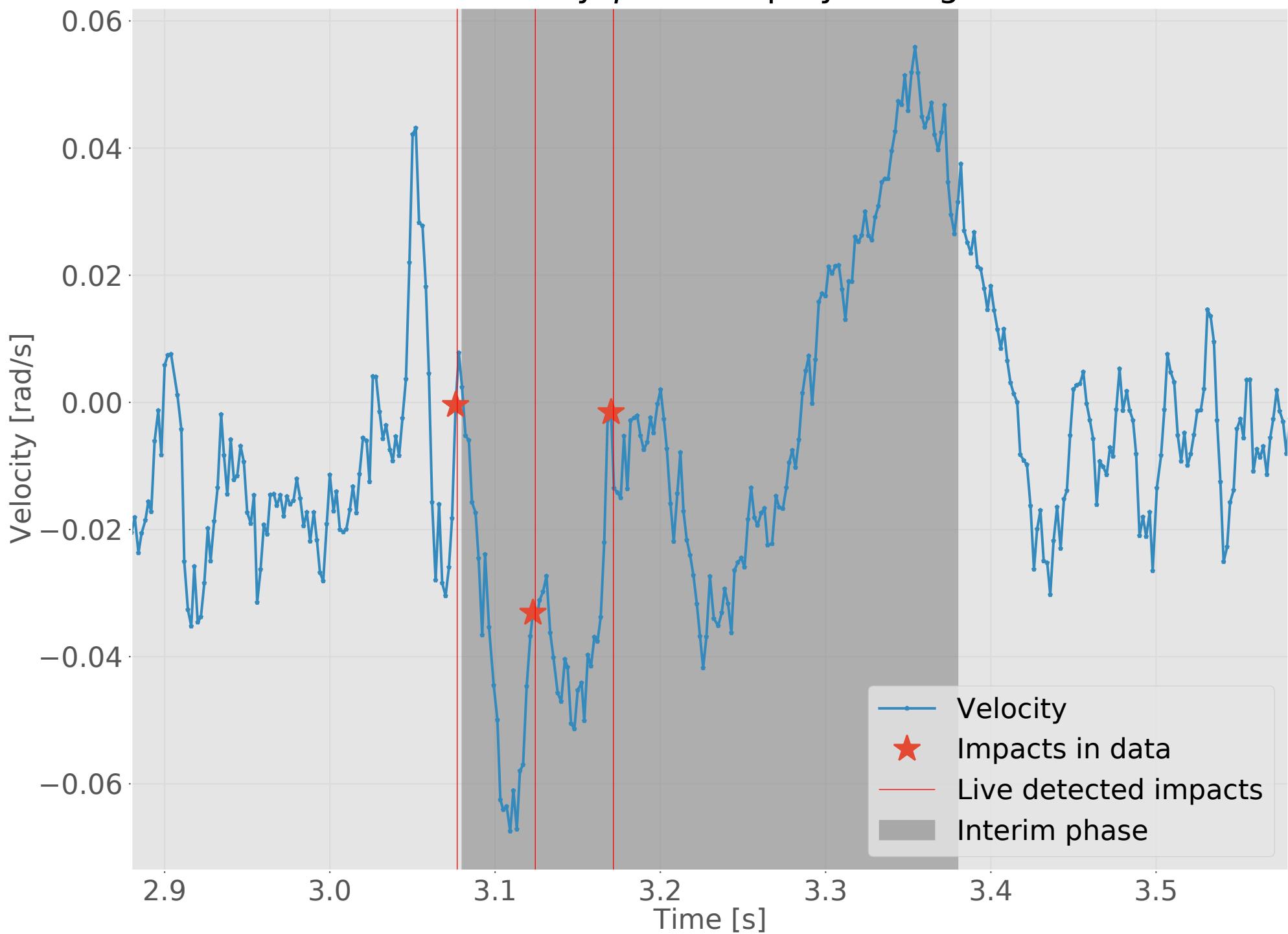
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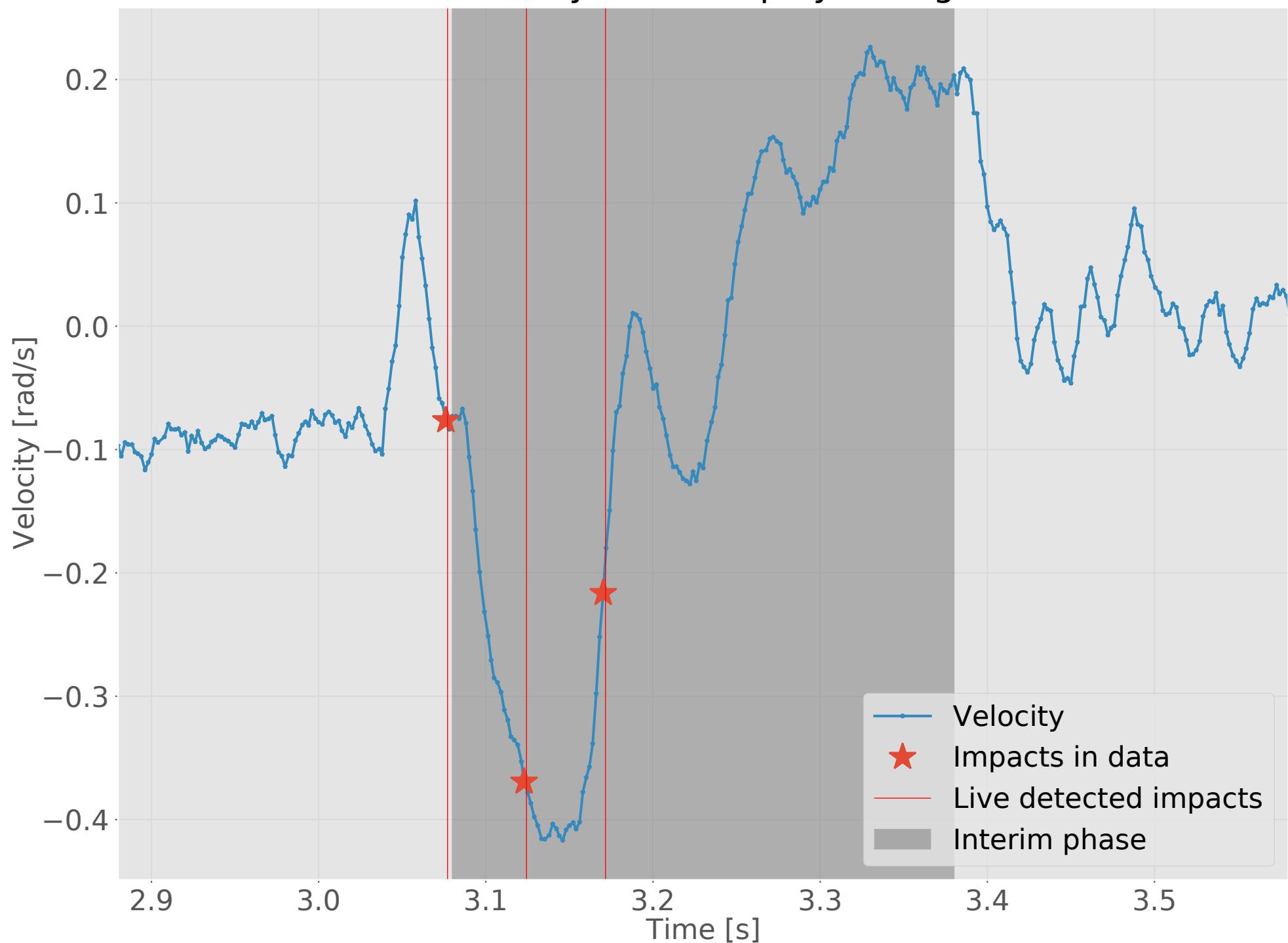
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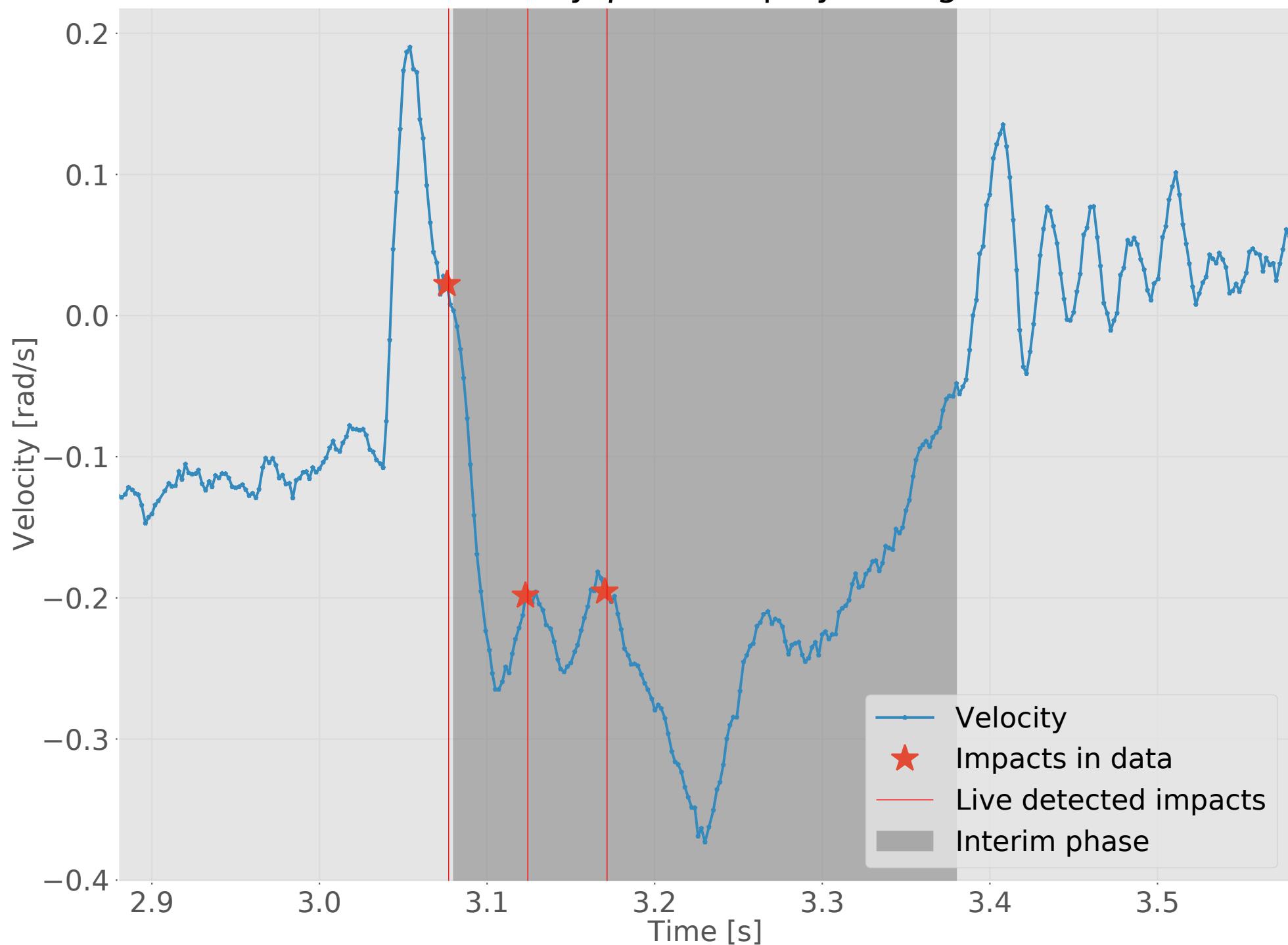
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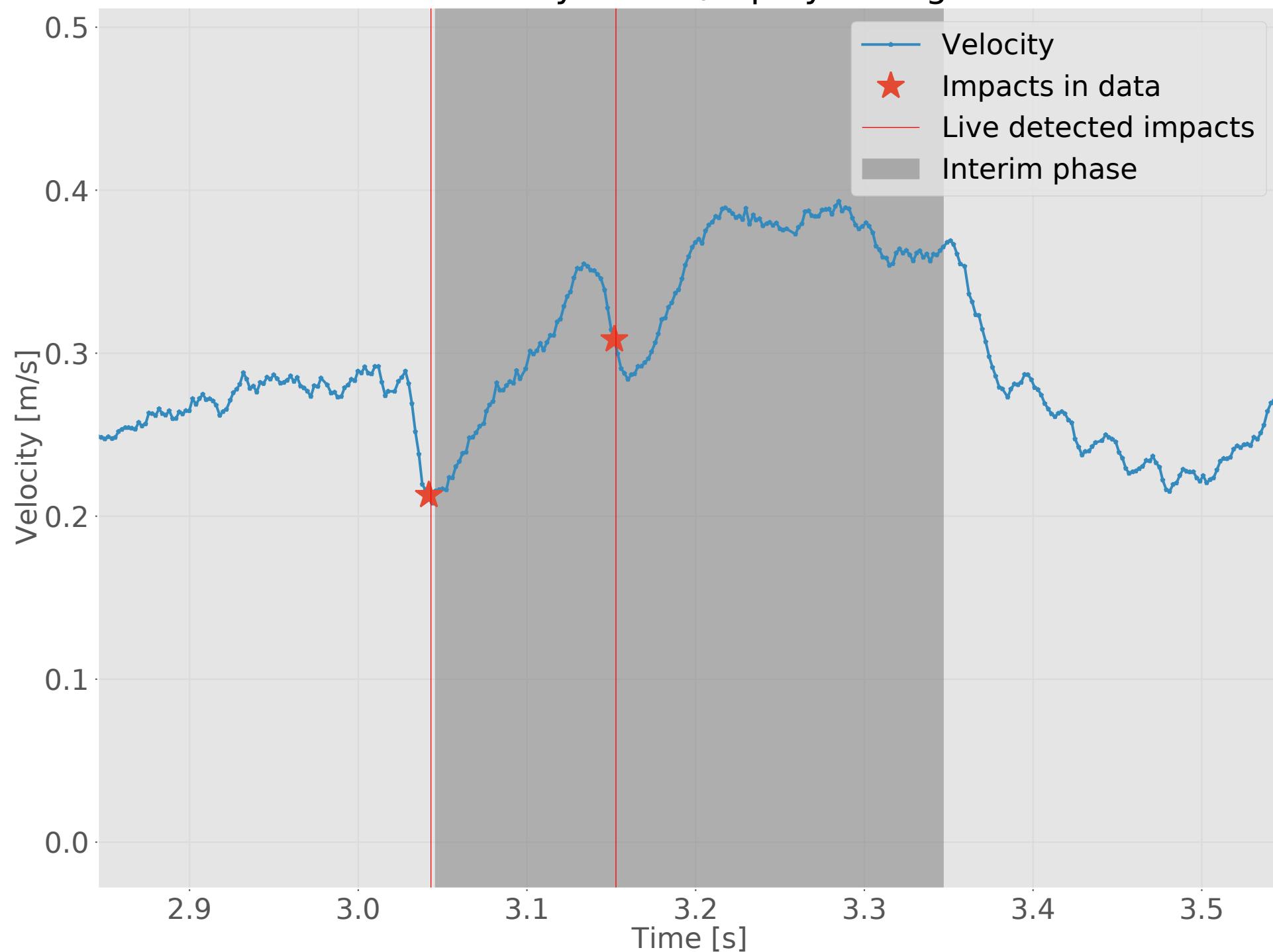
## Velocity $\theta$ data/replay36.bag



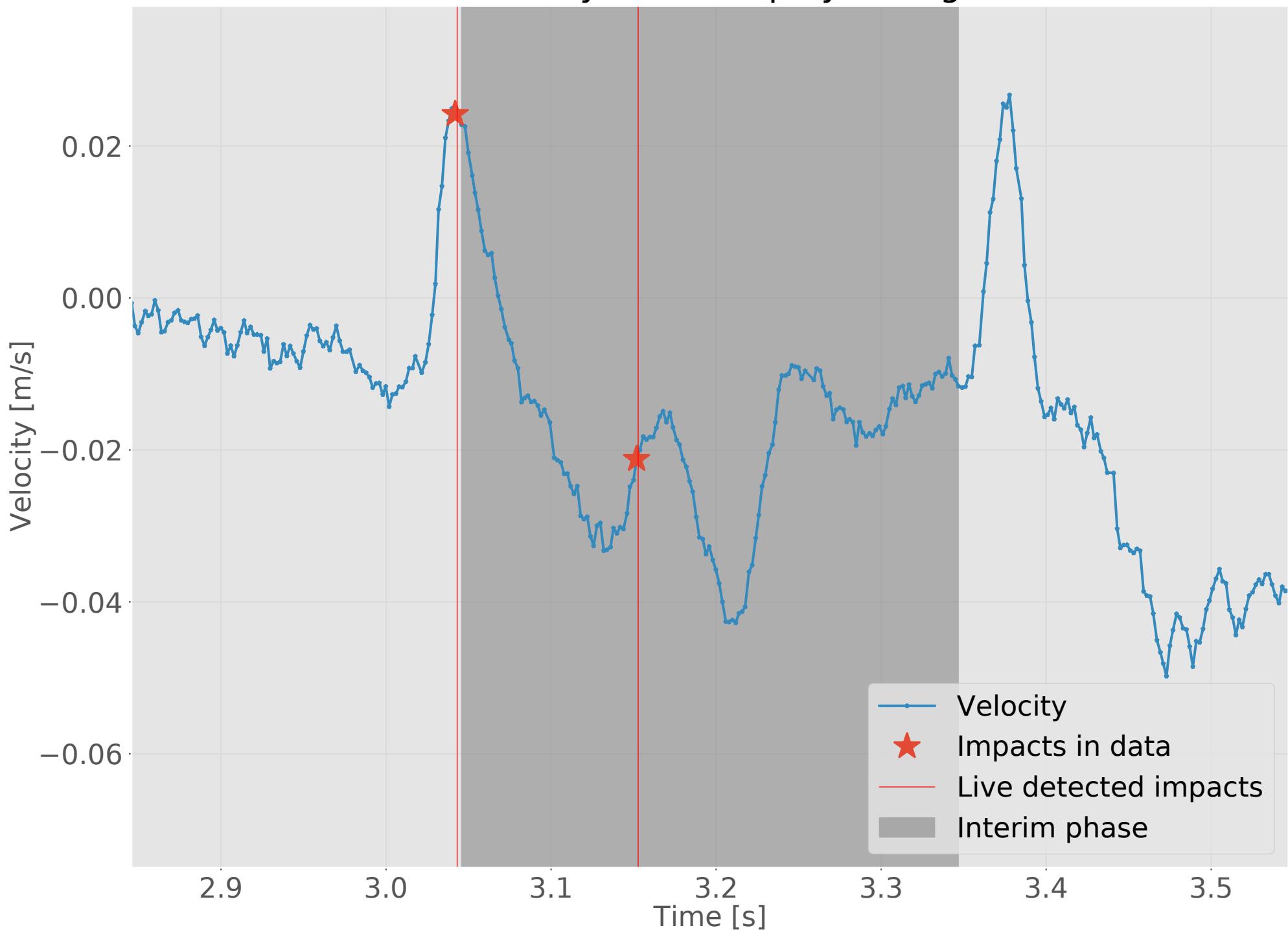
## Velocity $\psi$ data/replay36.bag



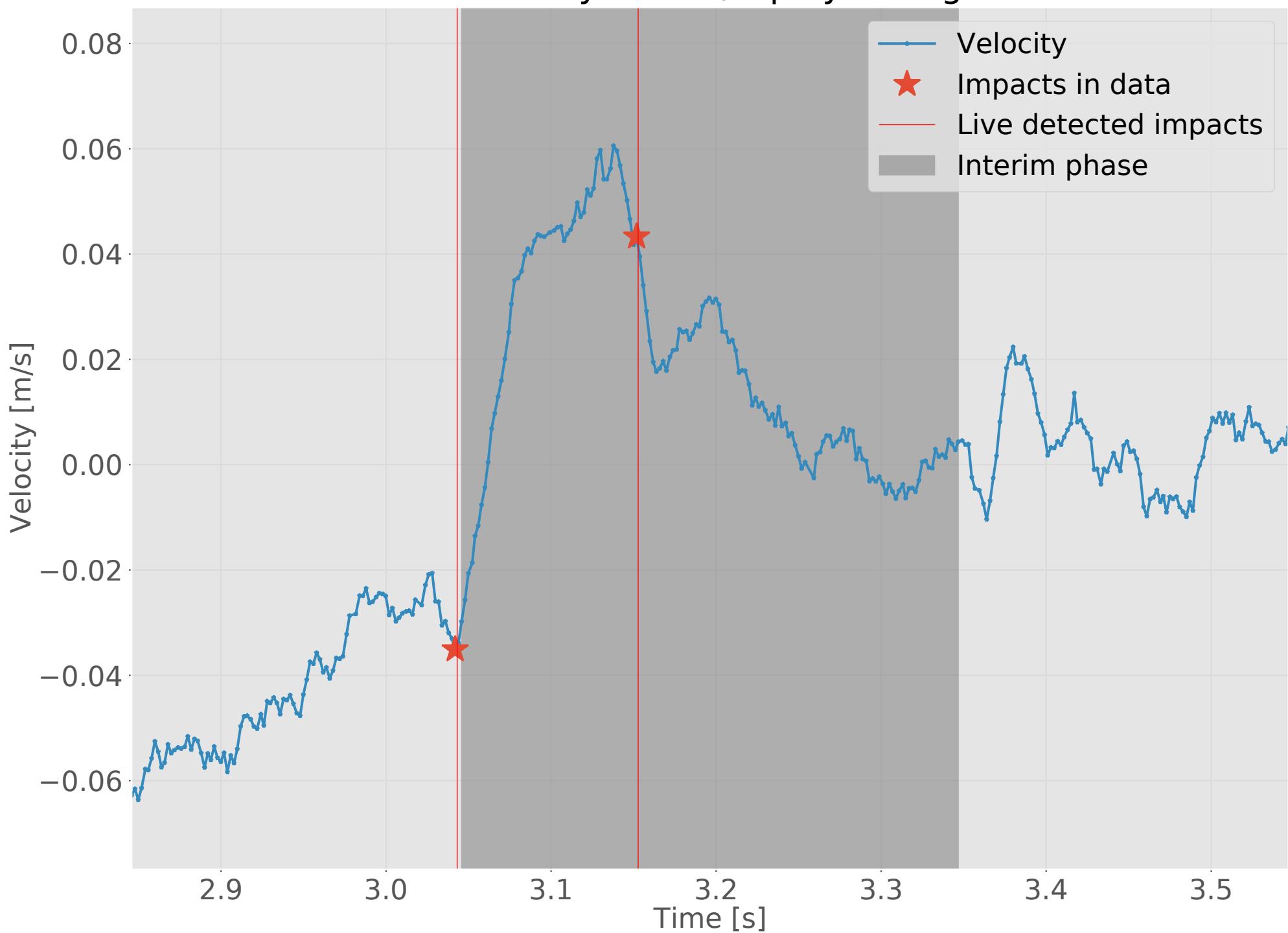
## Velocity X data/replay37.bag



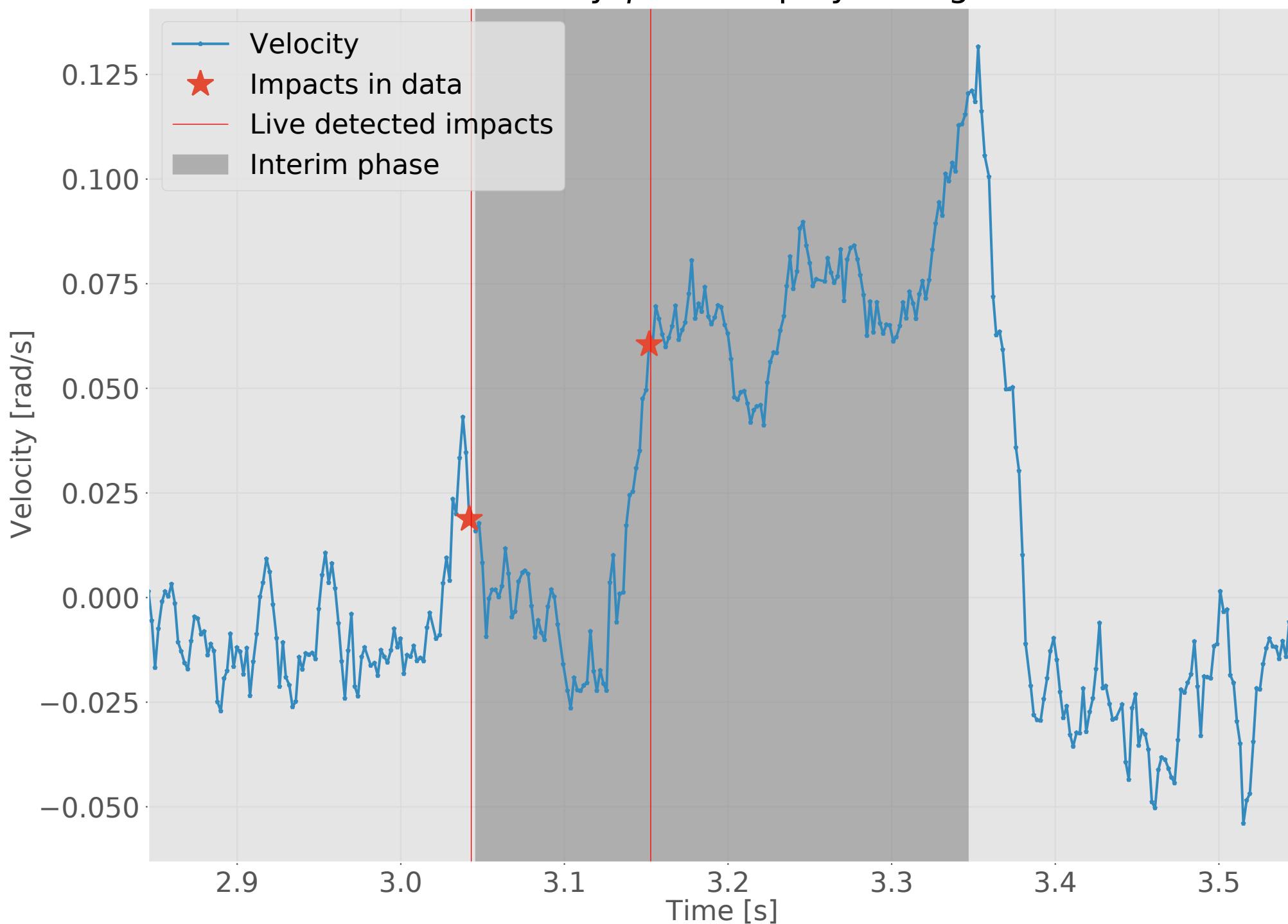
## Velocity Y data/replay37.bag



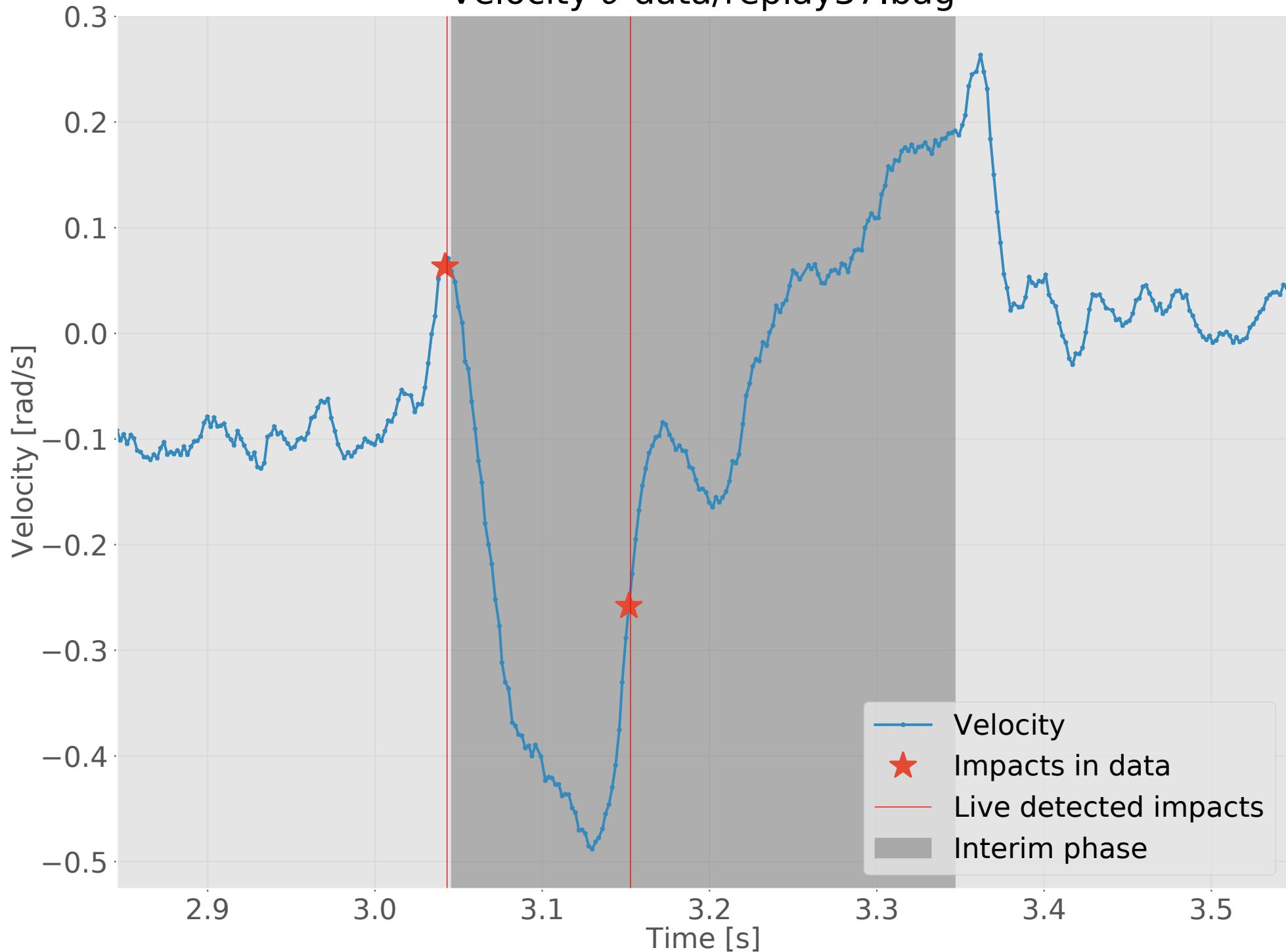
## Velocity Z data/replay37.bag



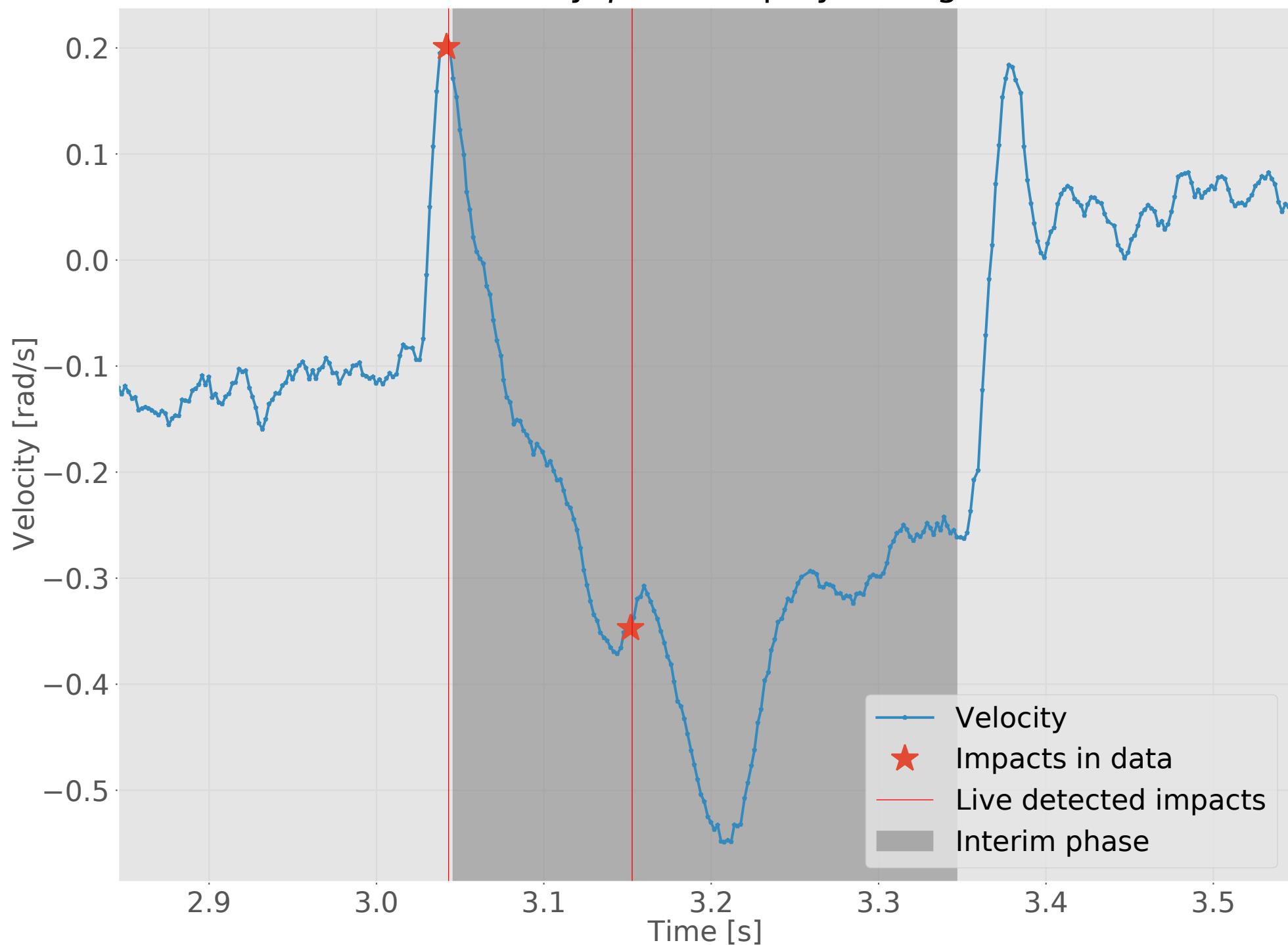
# Velocity $\phi$ data/replay37.bag



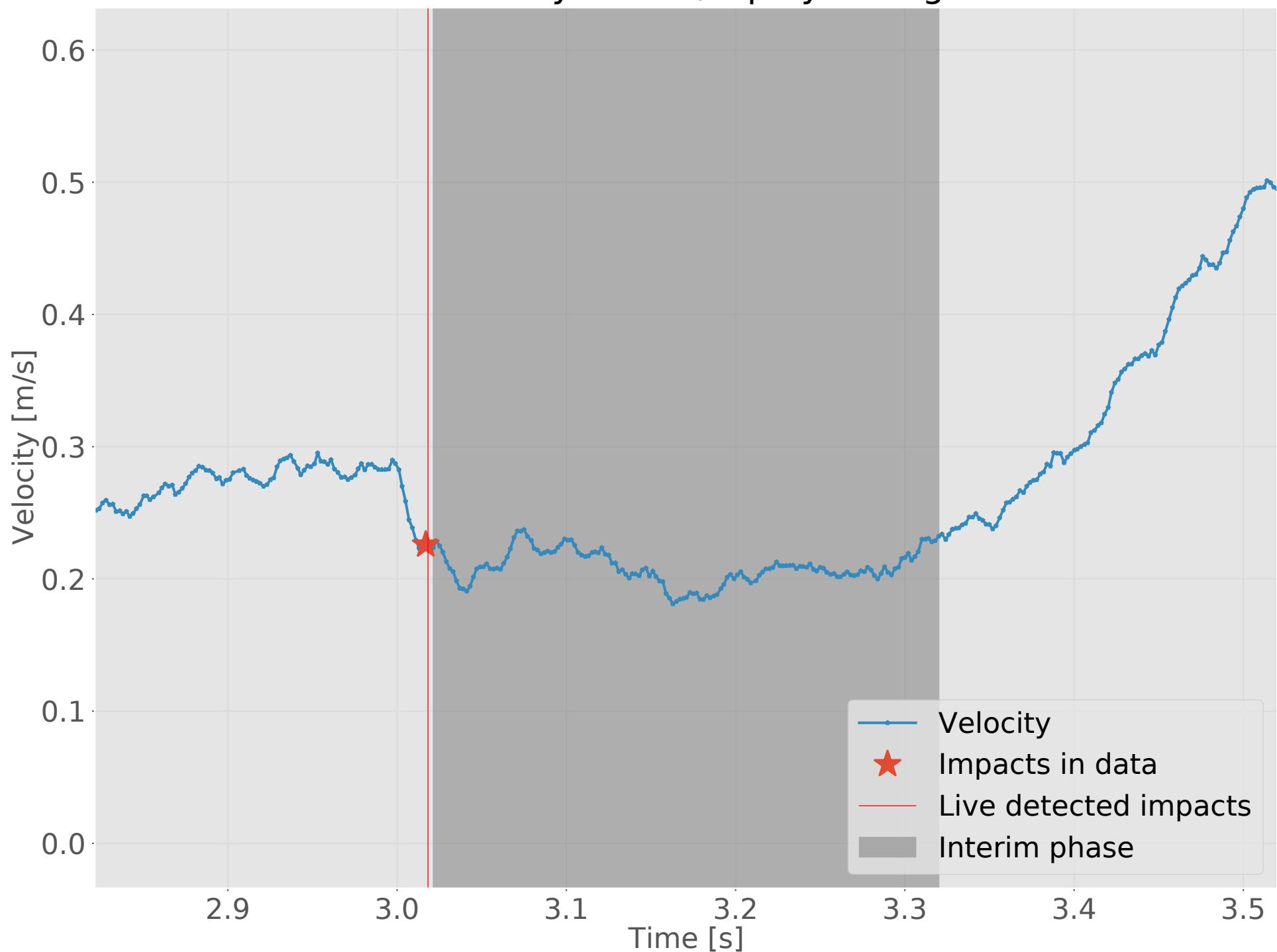
# Velocity $\theta$ data/replay37.bag



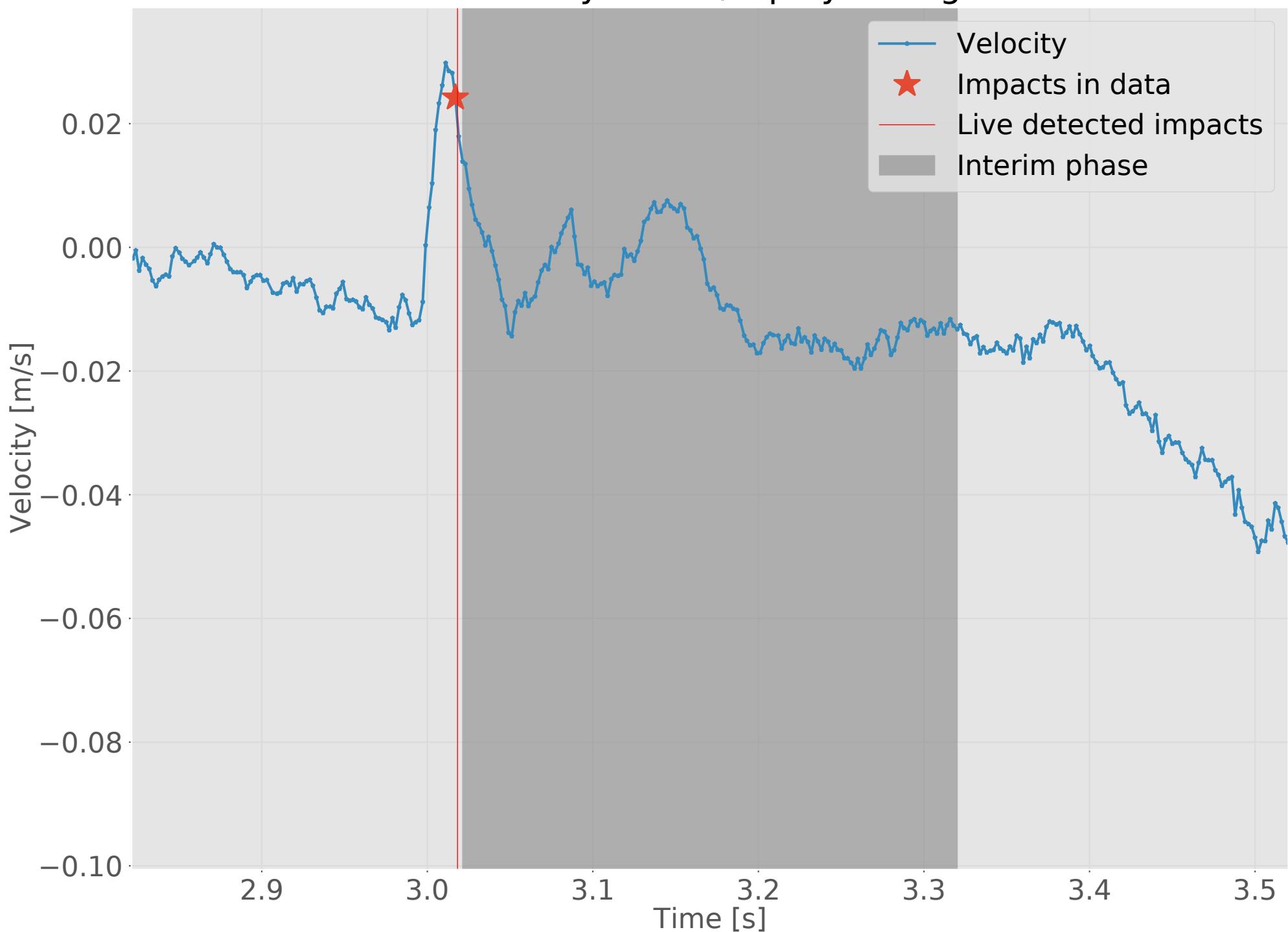
## Velocity $\psi$ data/replay37.bag



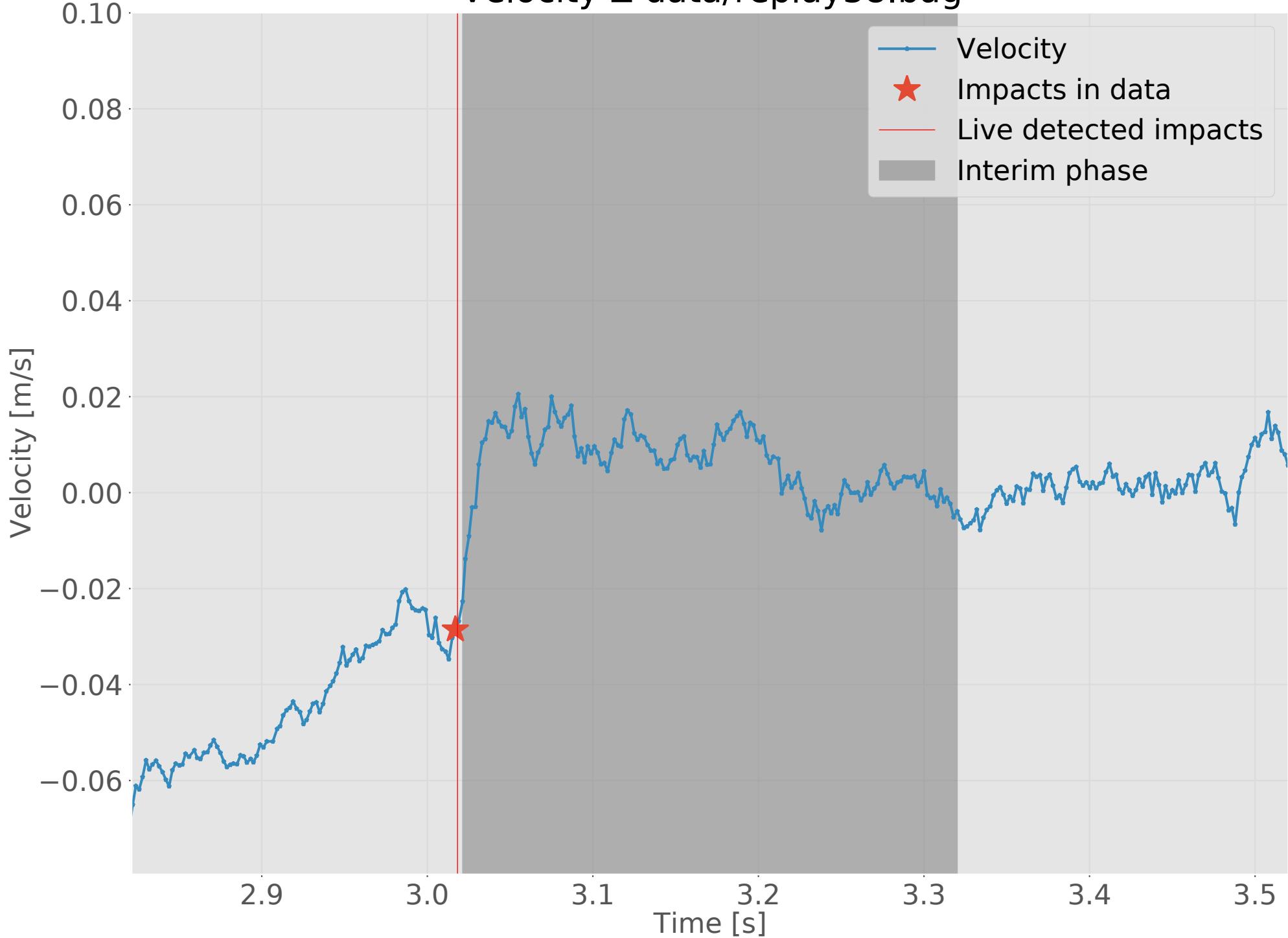
## Velocity X data/replay38.bag



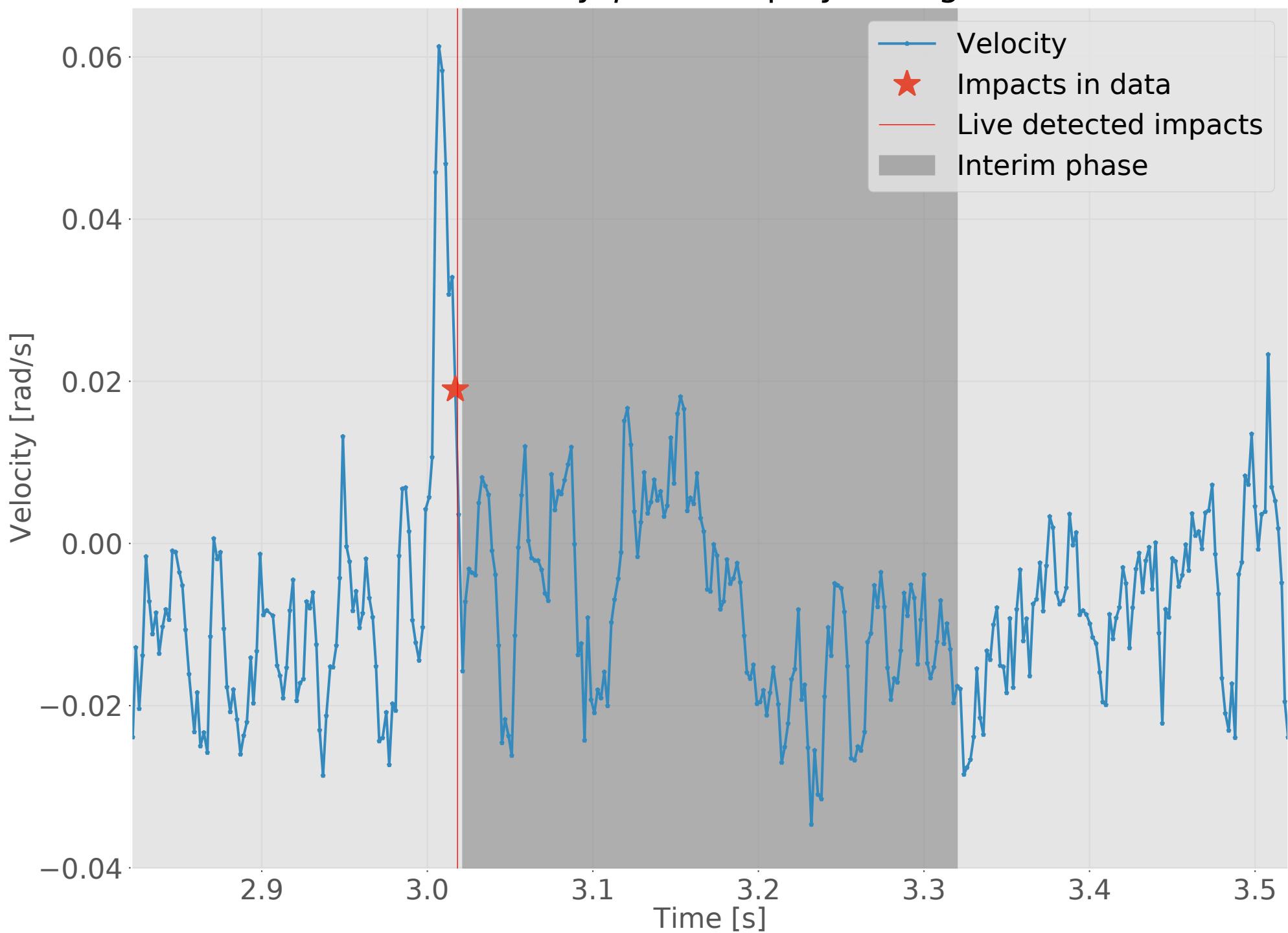
## Velocity Y data/replay38.bag



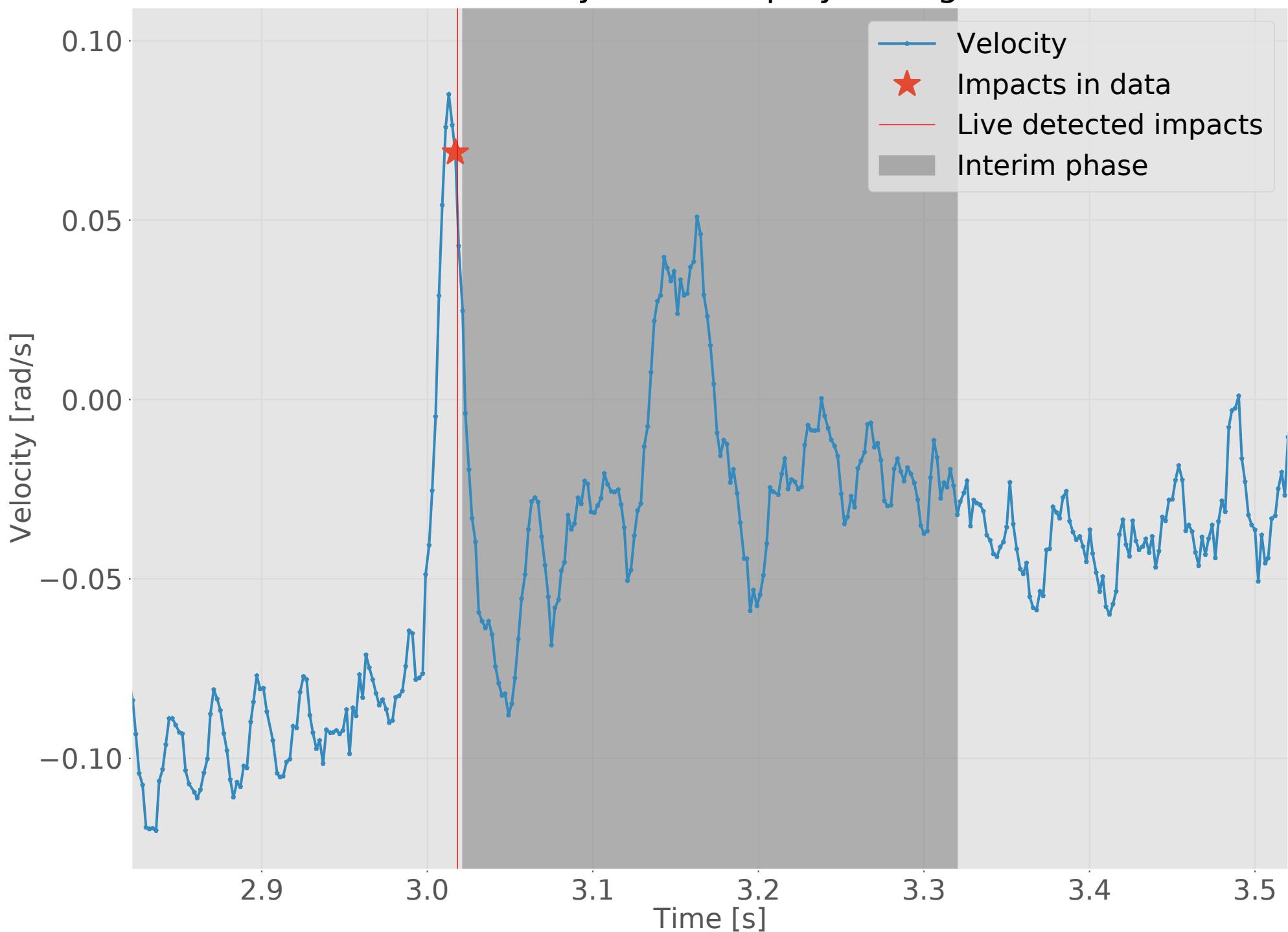
# Velocity Z data/replay38.bag



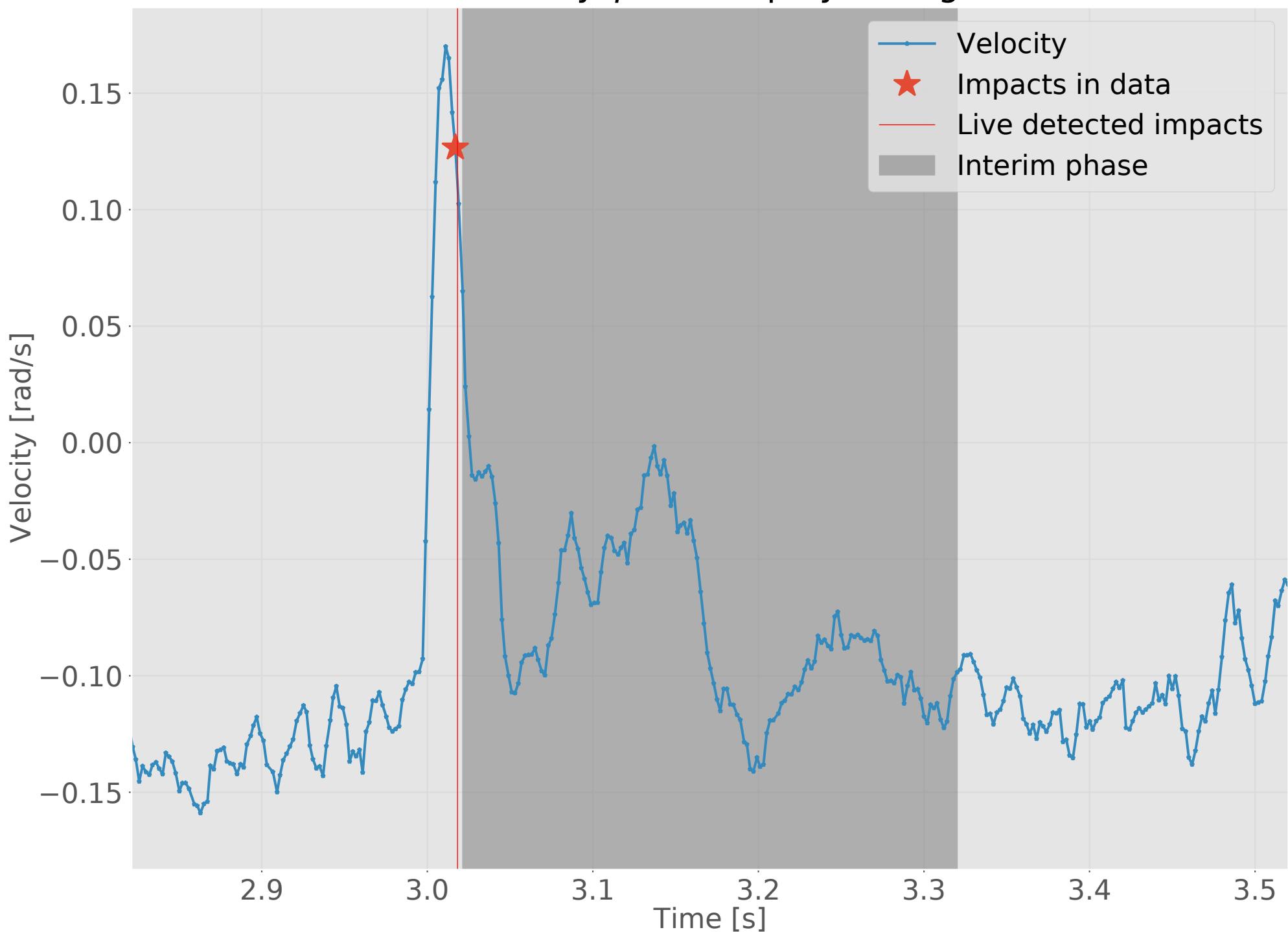
# Velocity $\phi$ data/replay38.bag



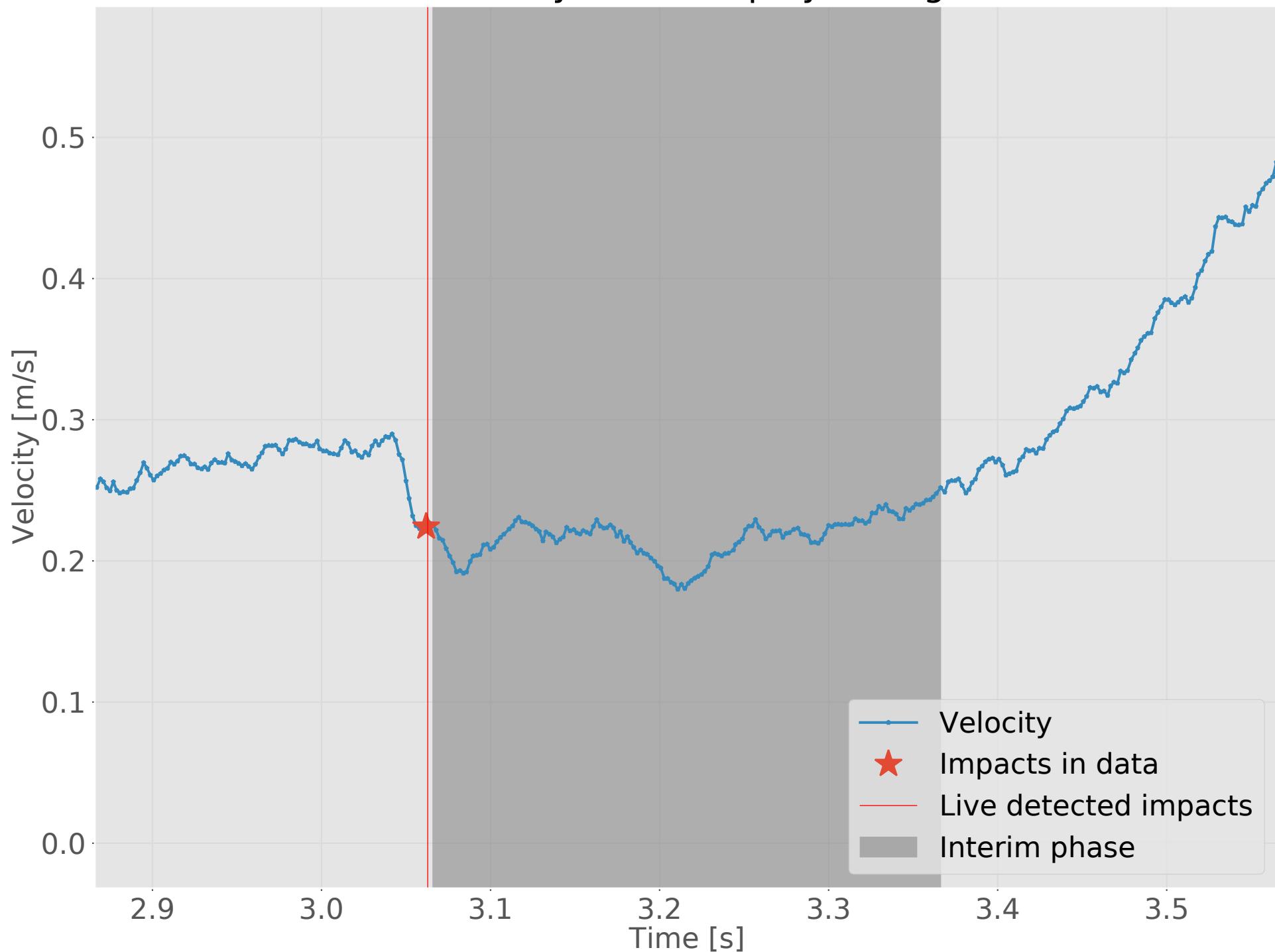
## Velocity $\theta$ data/replay38.bag



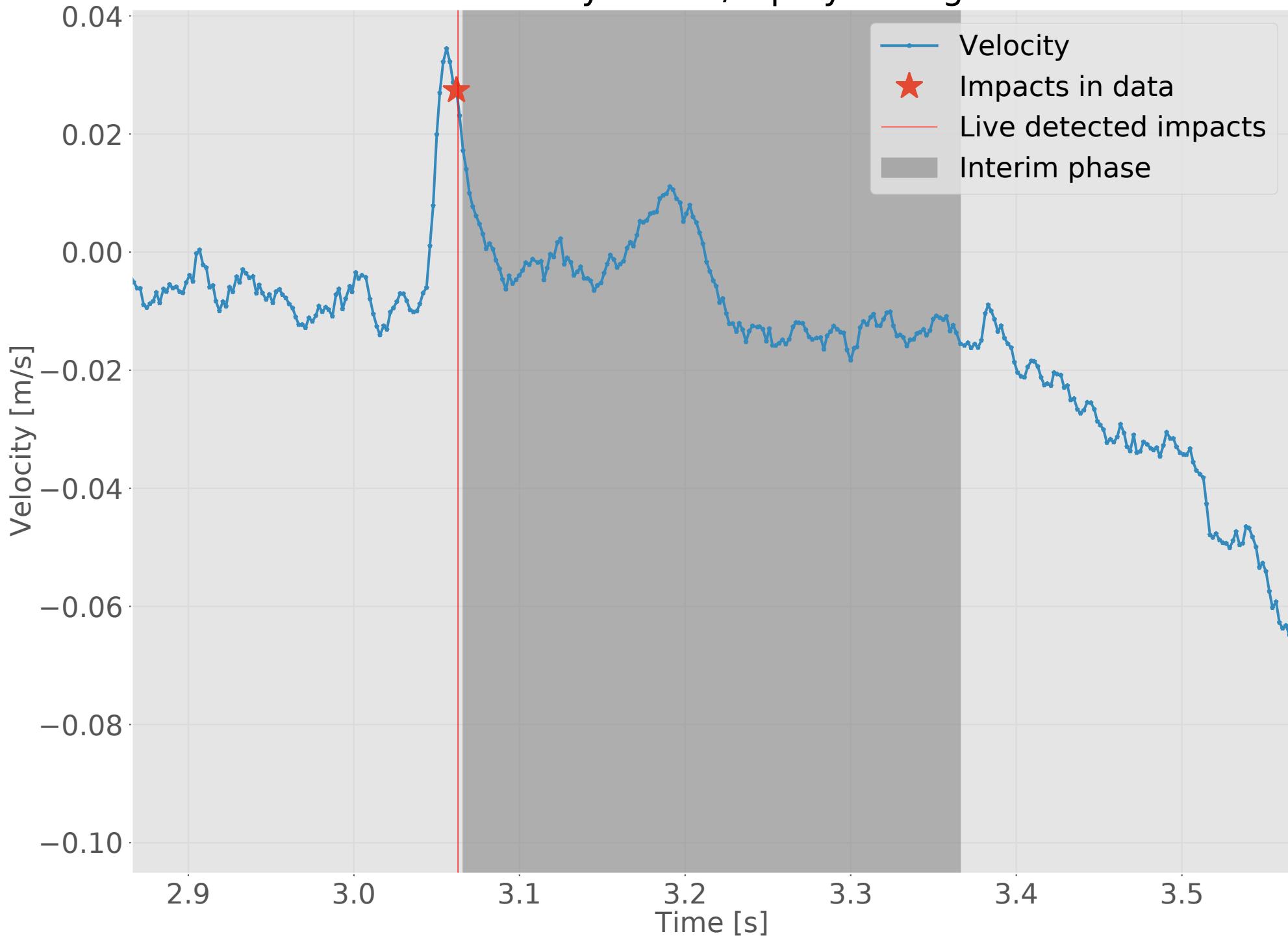
## Velocity $\psi$ data/replay38.bag



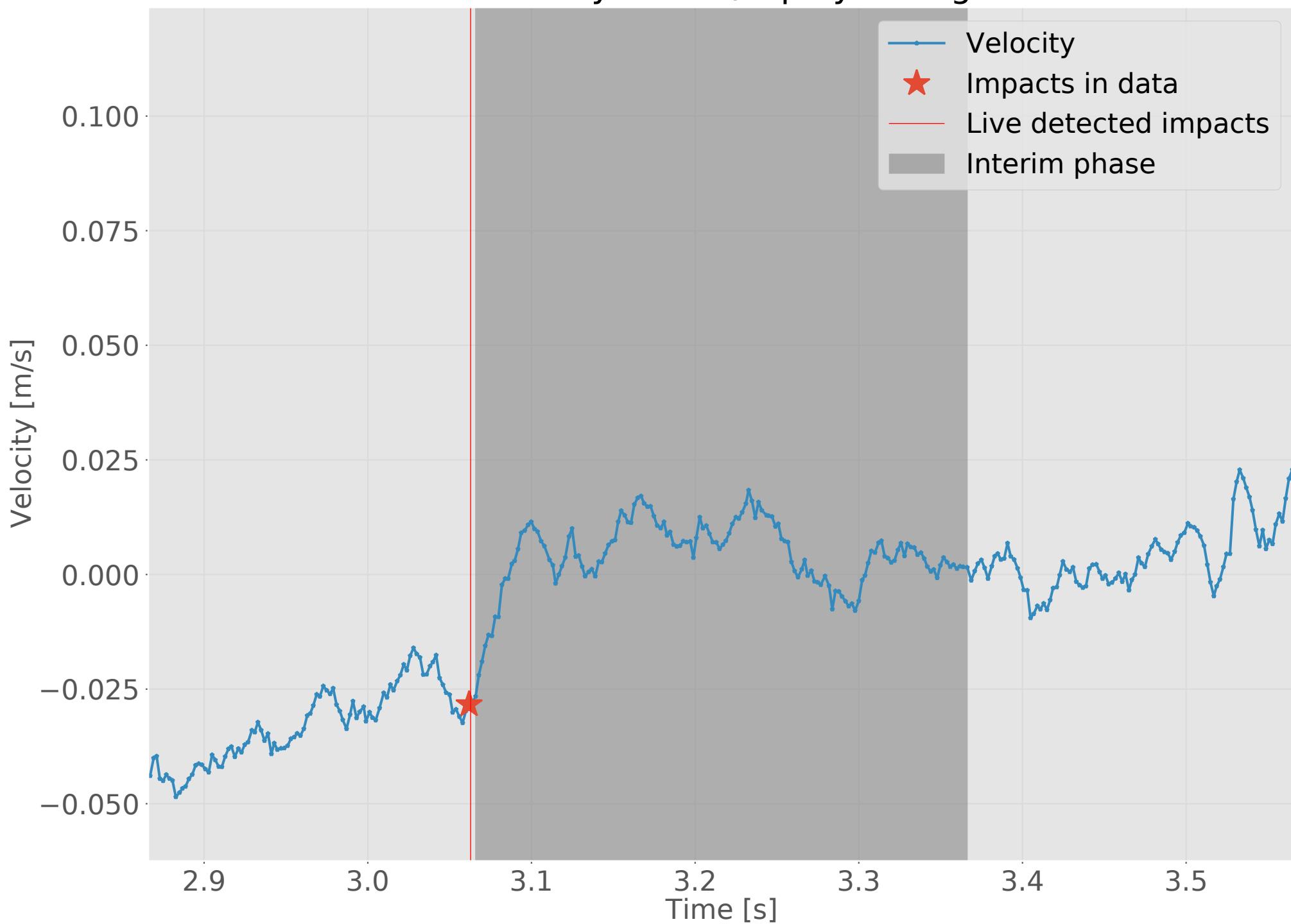
## Velocity X data/replay39.bag



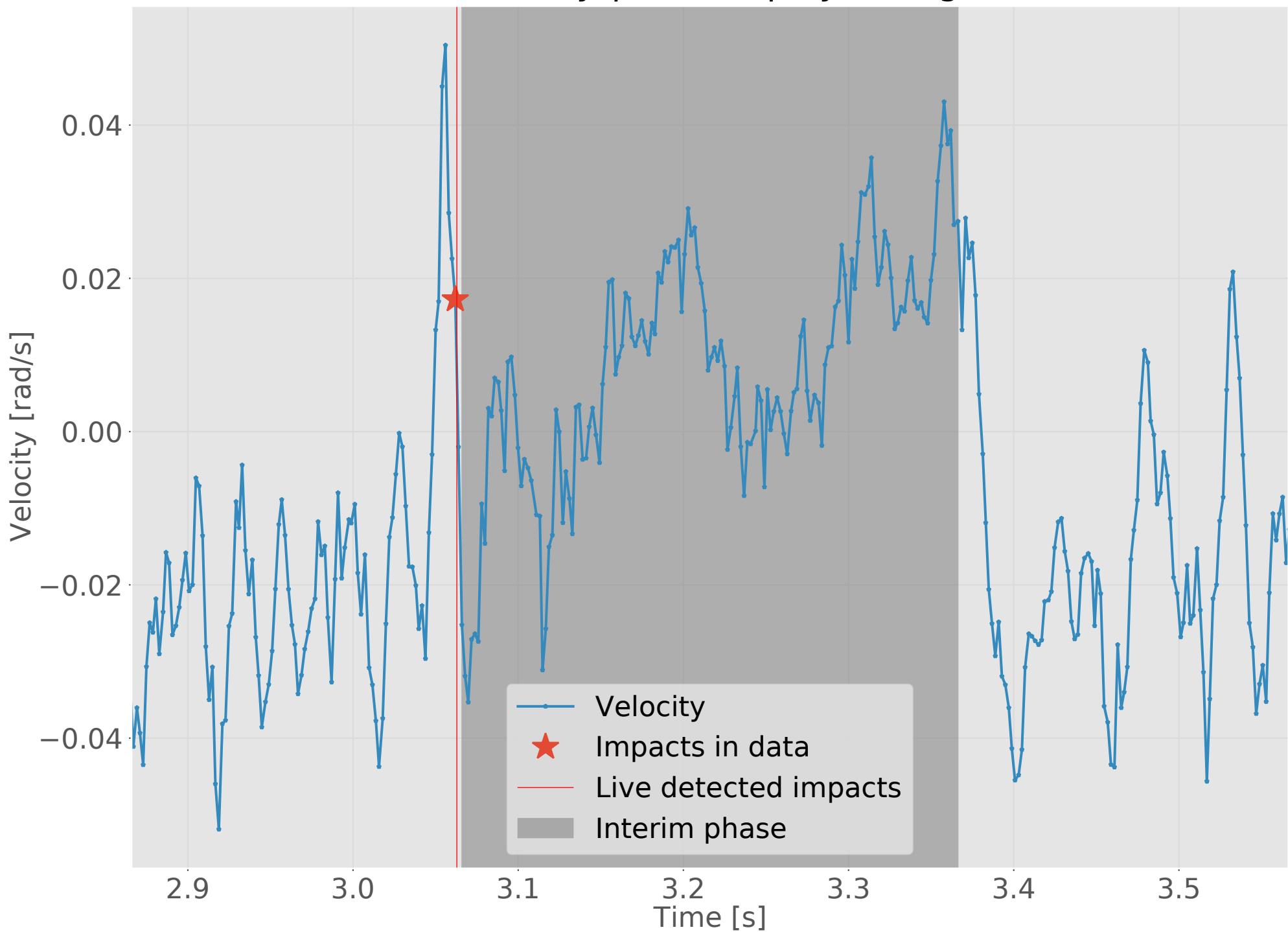
## Velocity Y data/replay39.bag



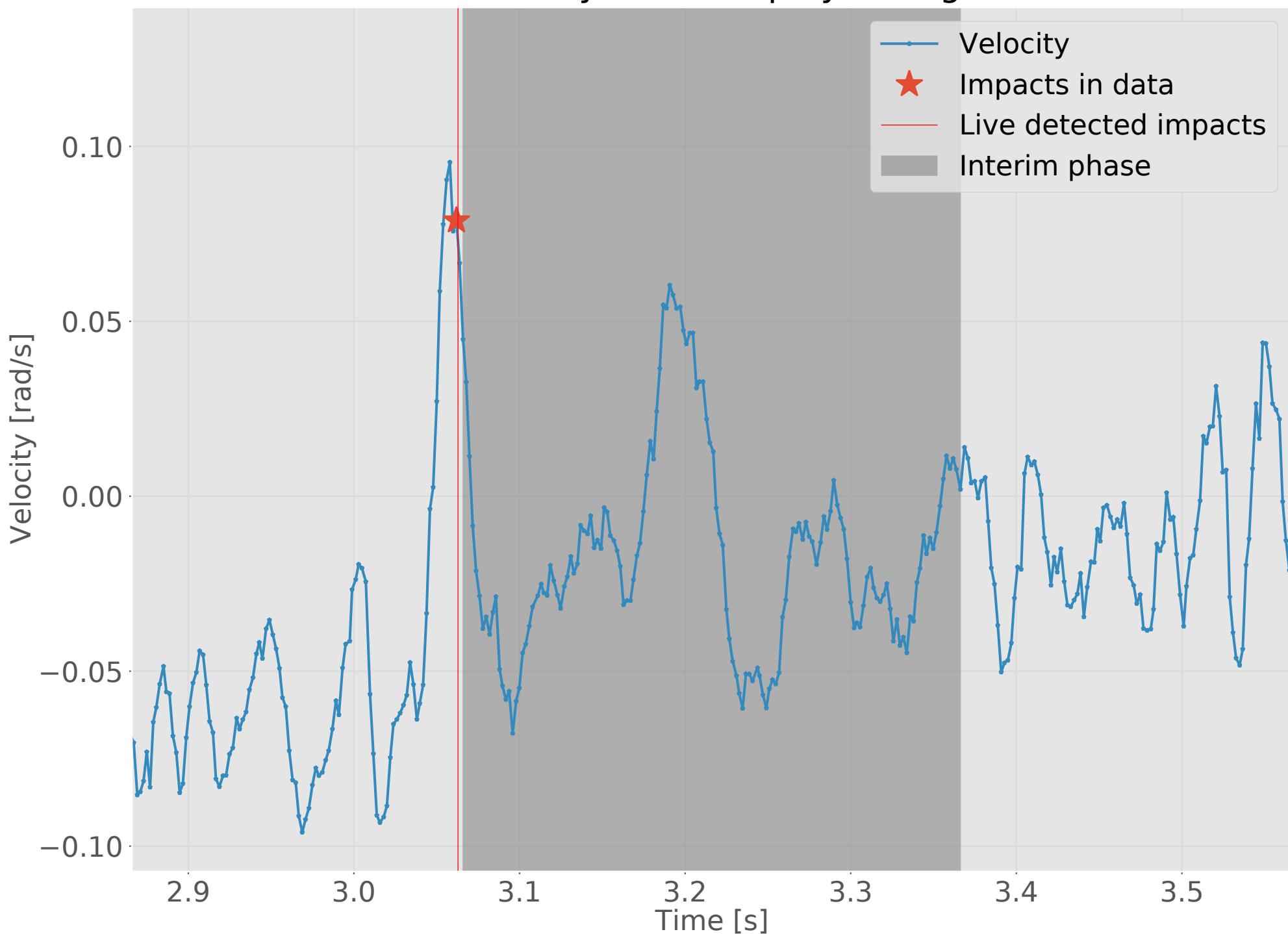
# Velocity Z data/replay39.bag



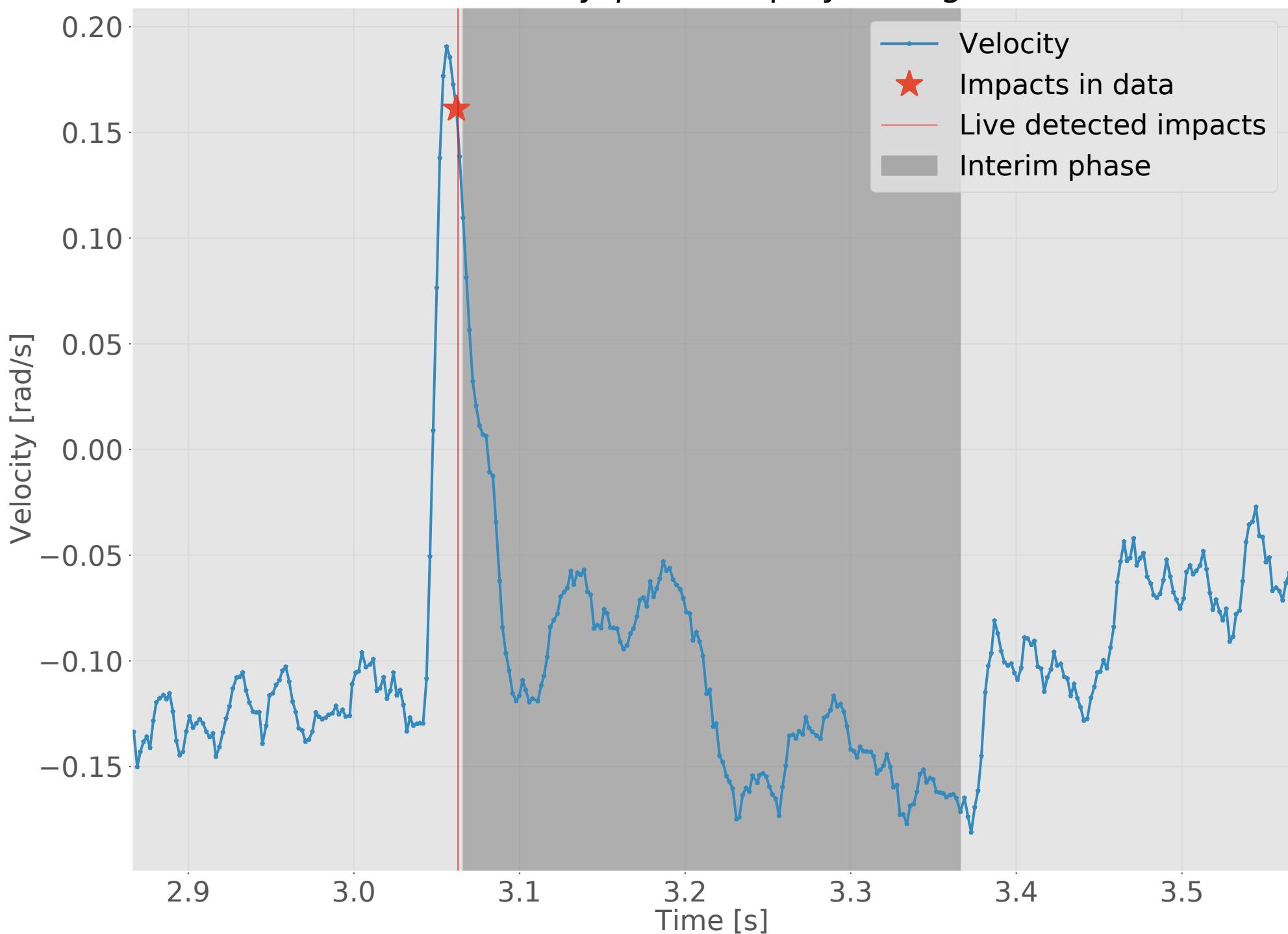
# Velocity $\phi$ data/replay39.bag



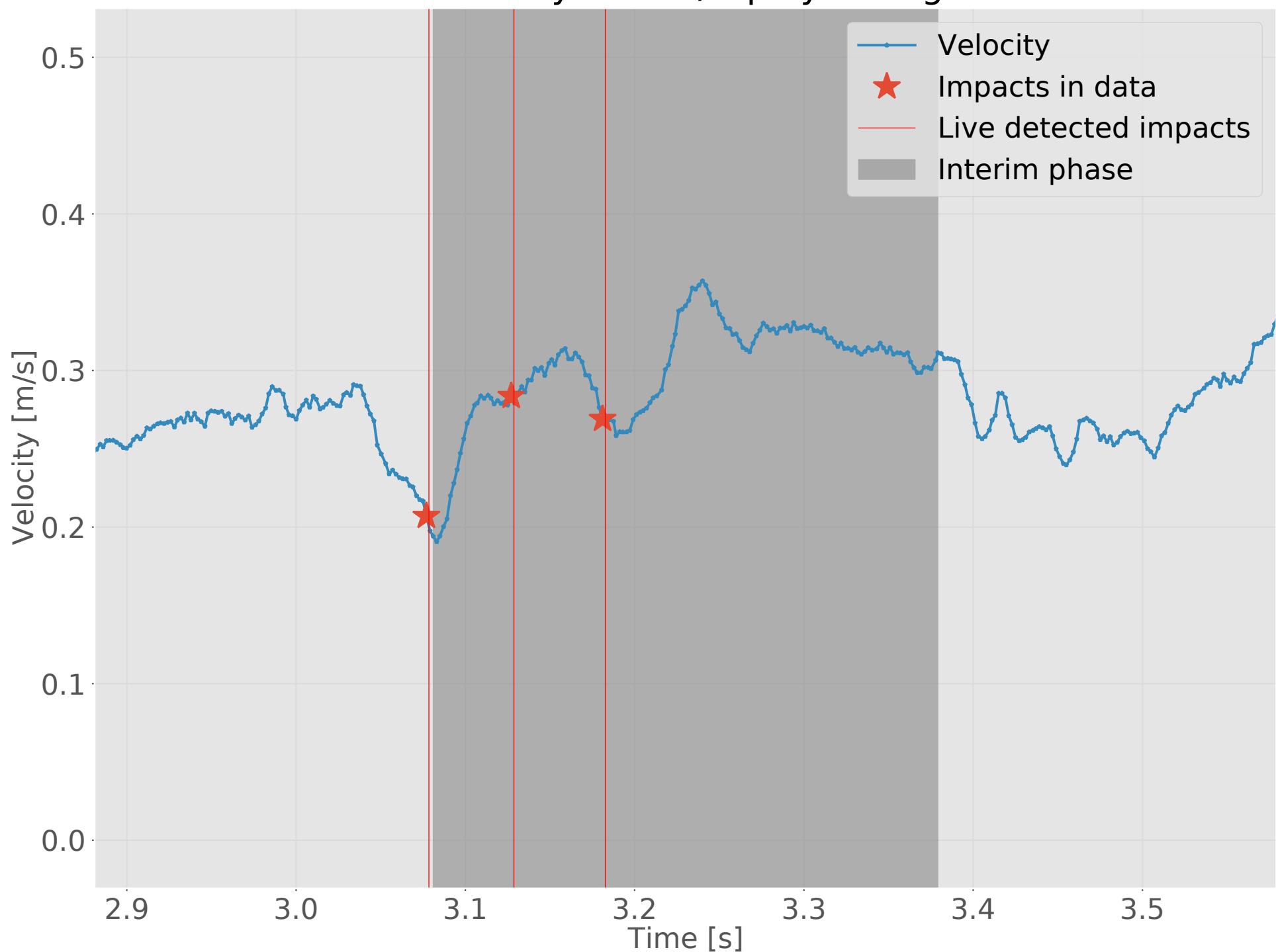
# Velocity $\theta$ data/replay39.bag



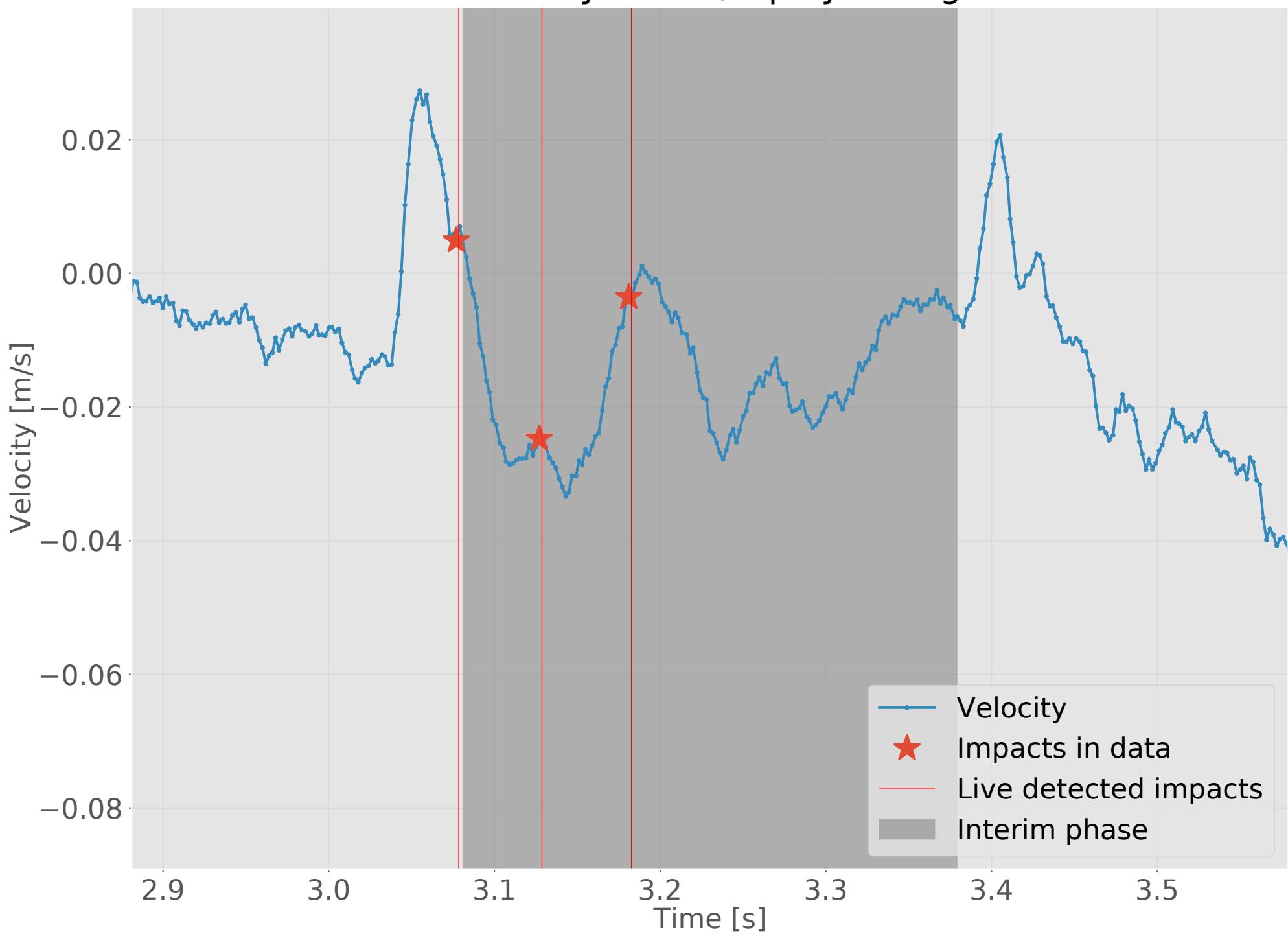
## Velocity $\psi$ data/replay39.bag



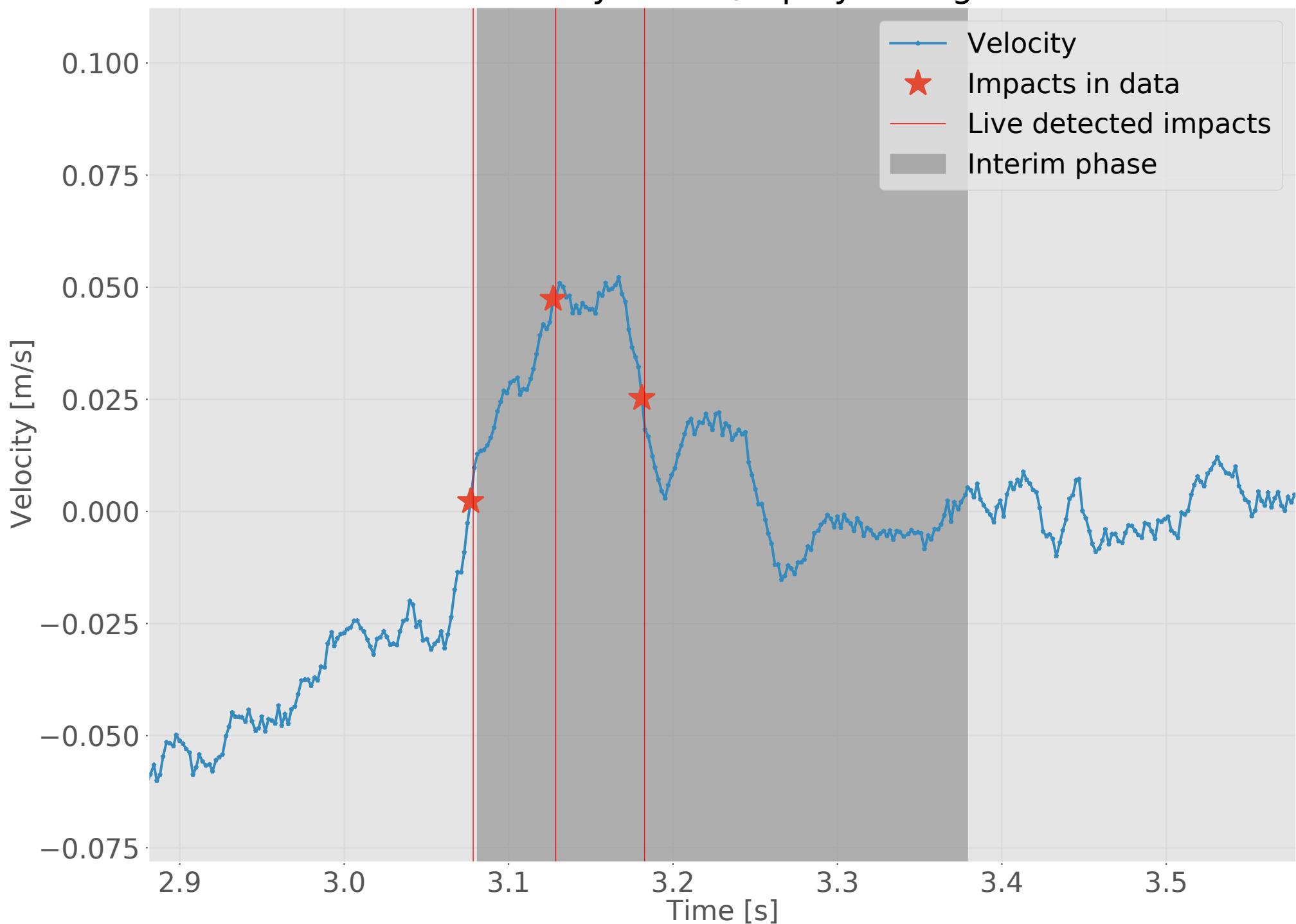
## Velocity X data/replay40.bag



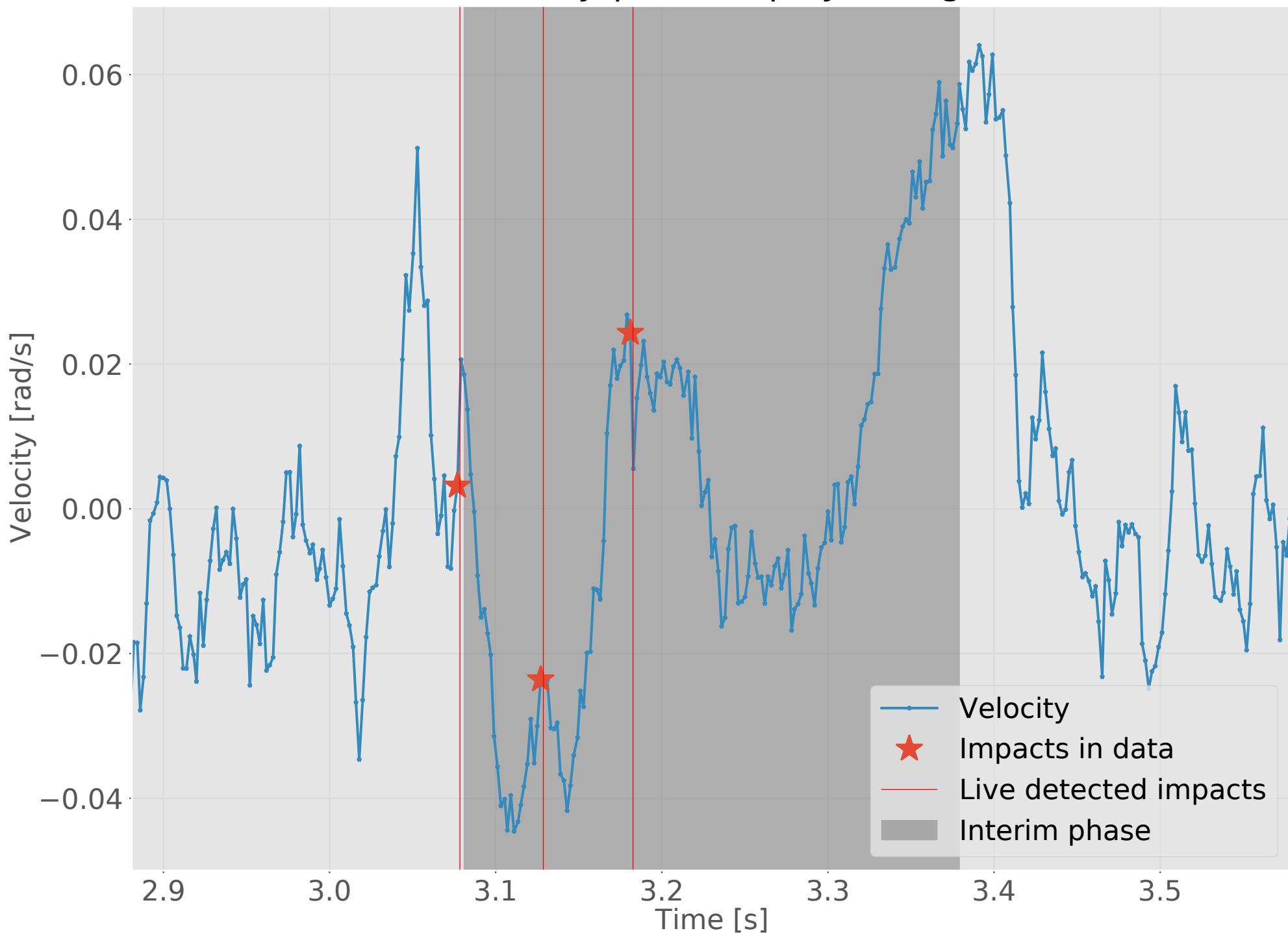
## Velocity Y data/replay40.bag



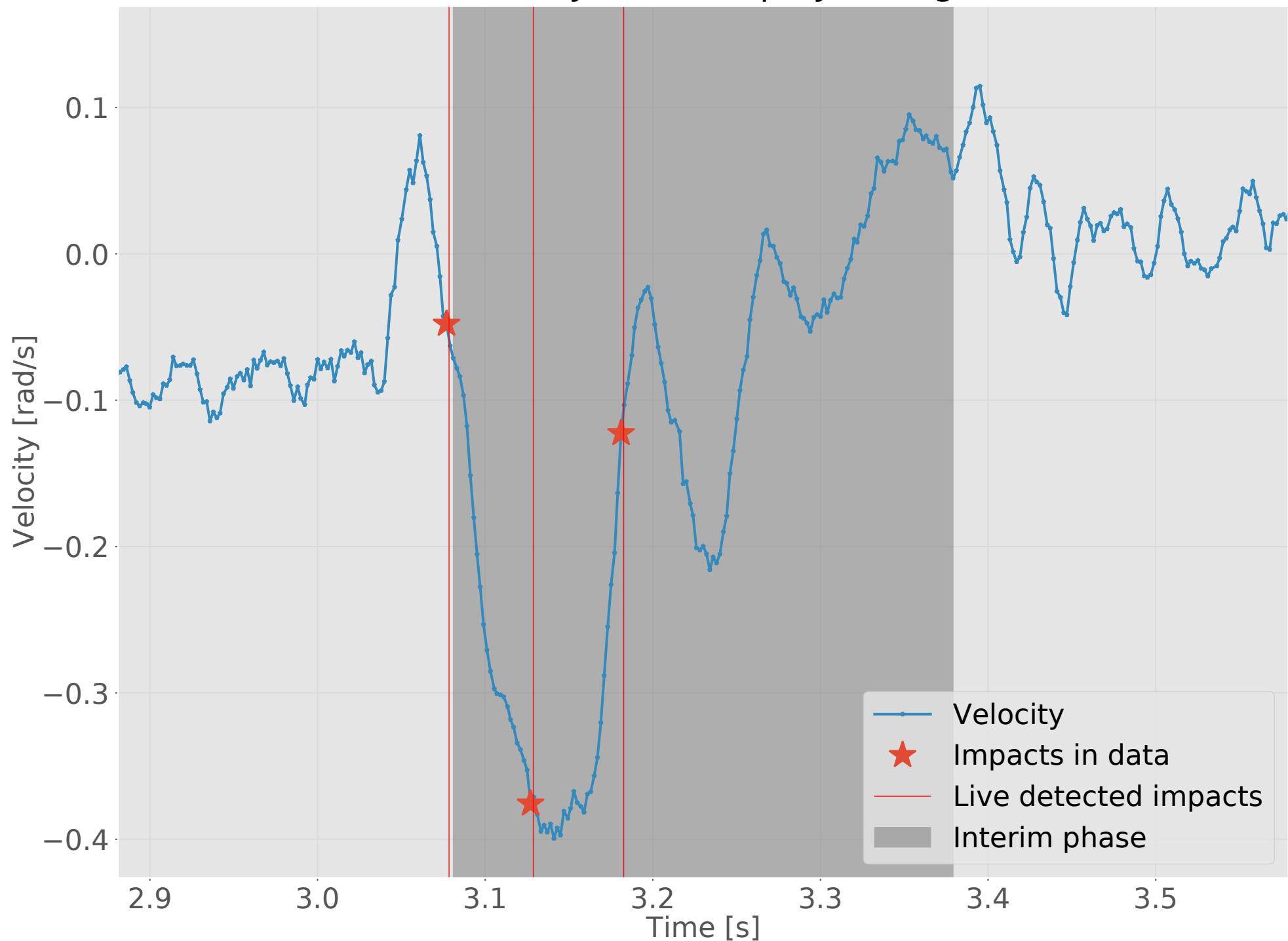
## Velocity Z data/replay40.bag



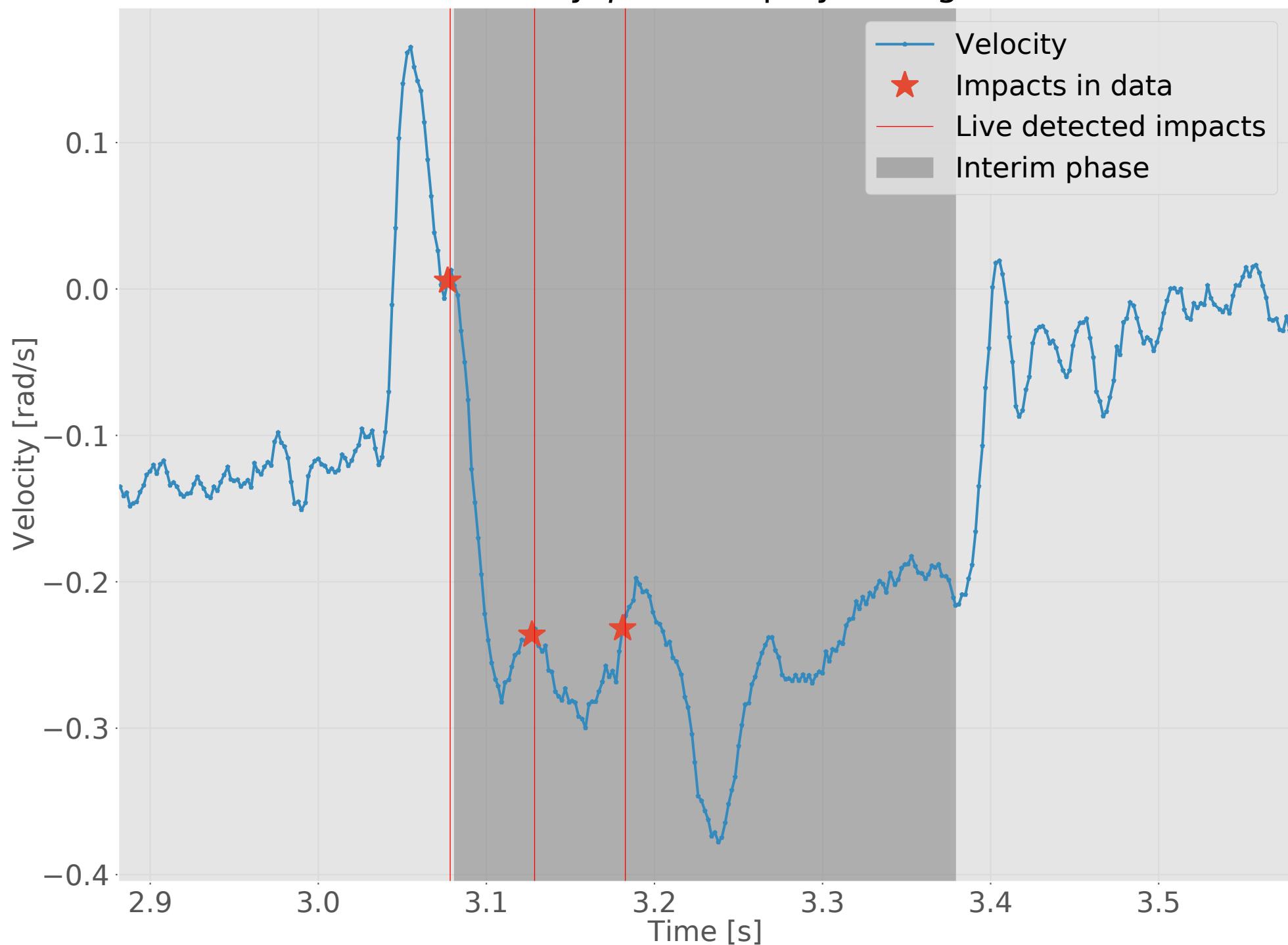
# Velocity $\phi$ data/replay40.bag



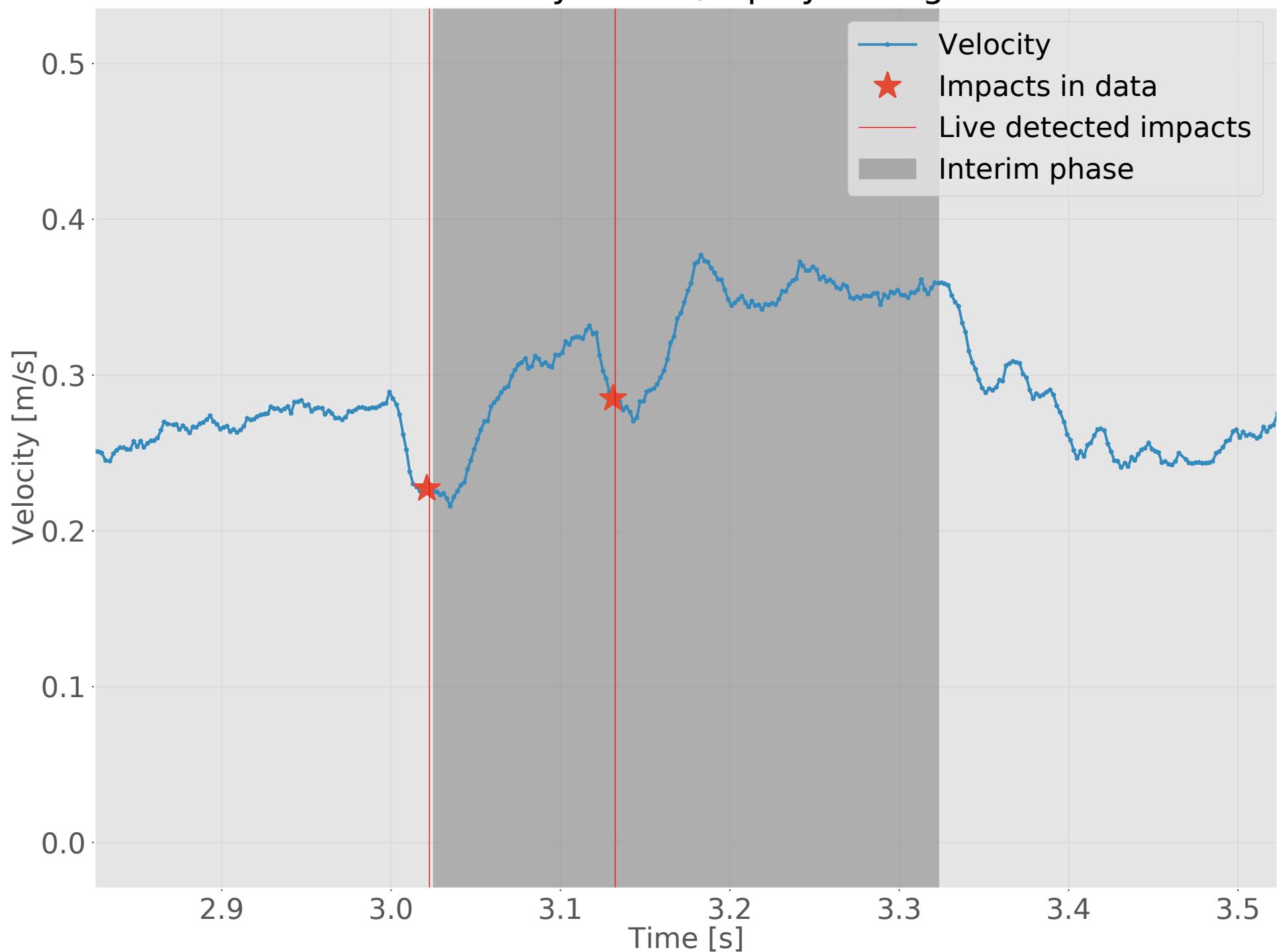
## Velocity $\theta$ data/replay40.bag



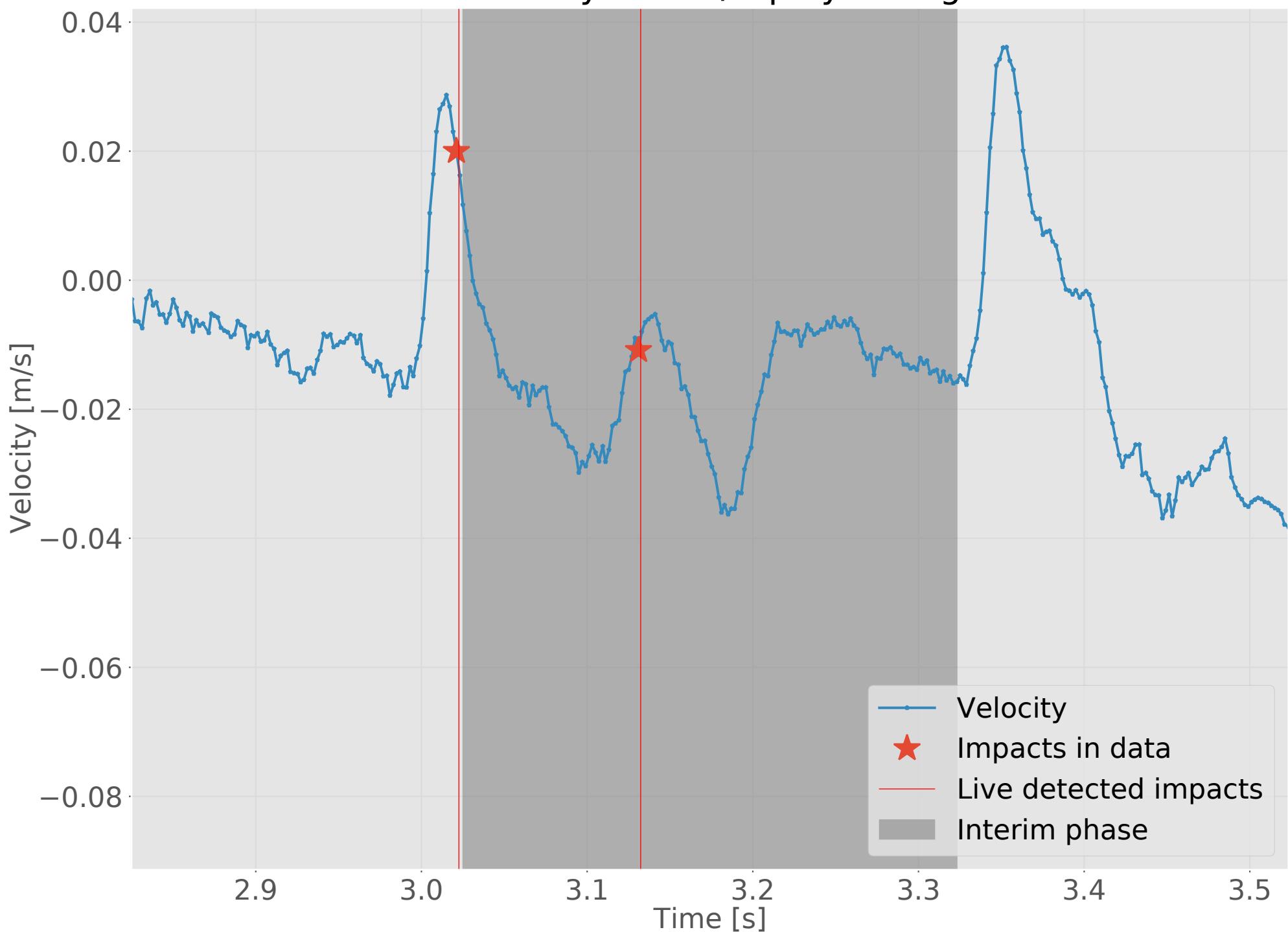
## Velocity $\psi$ data/replay40.bag



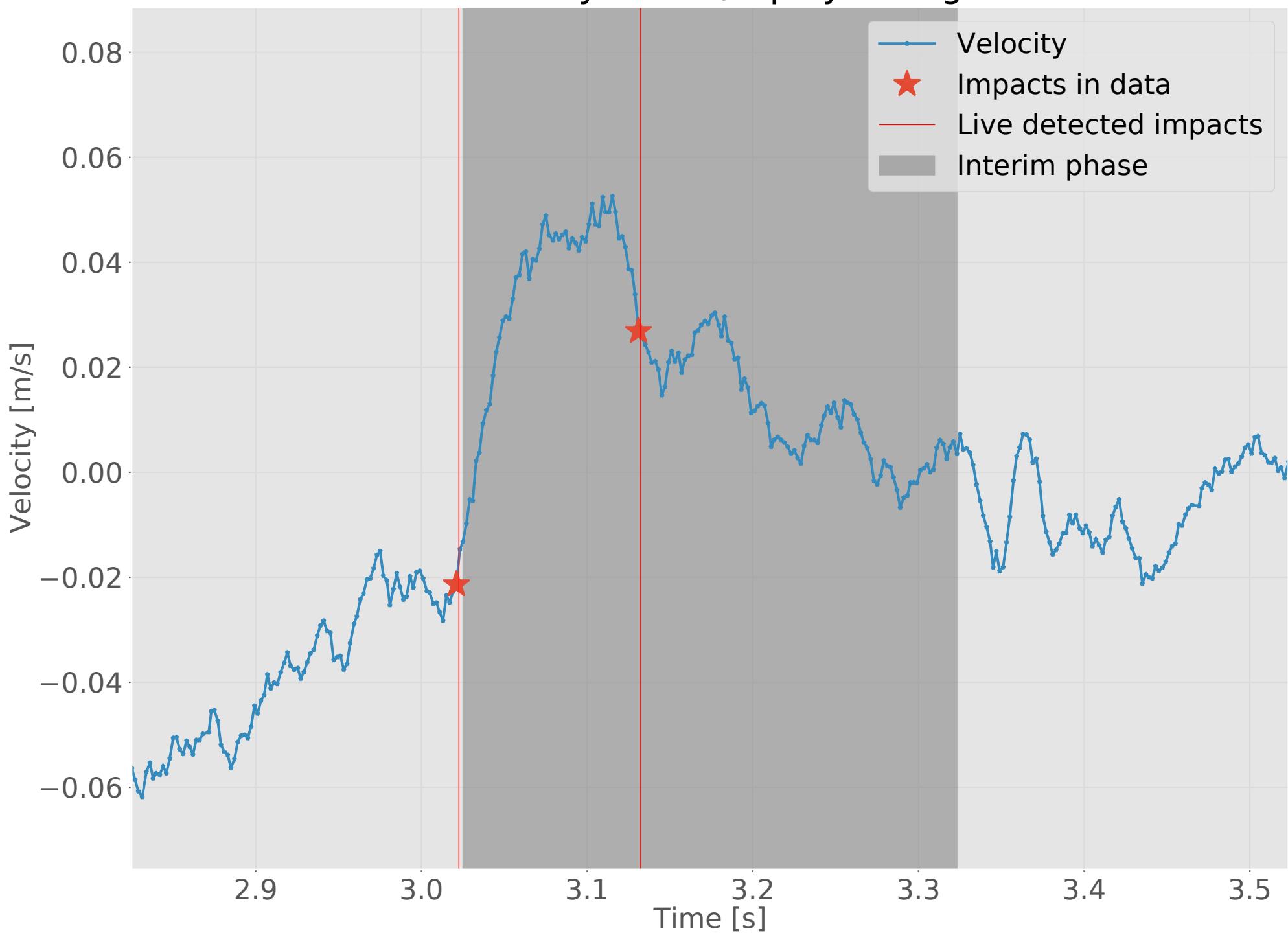
## Velocity X data/replay41.bag



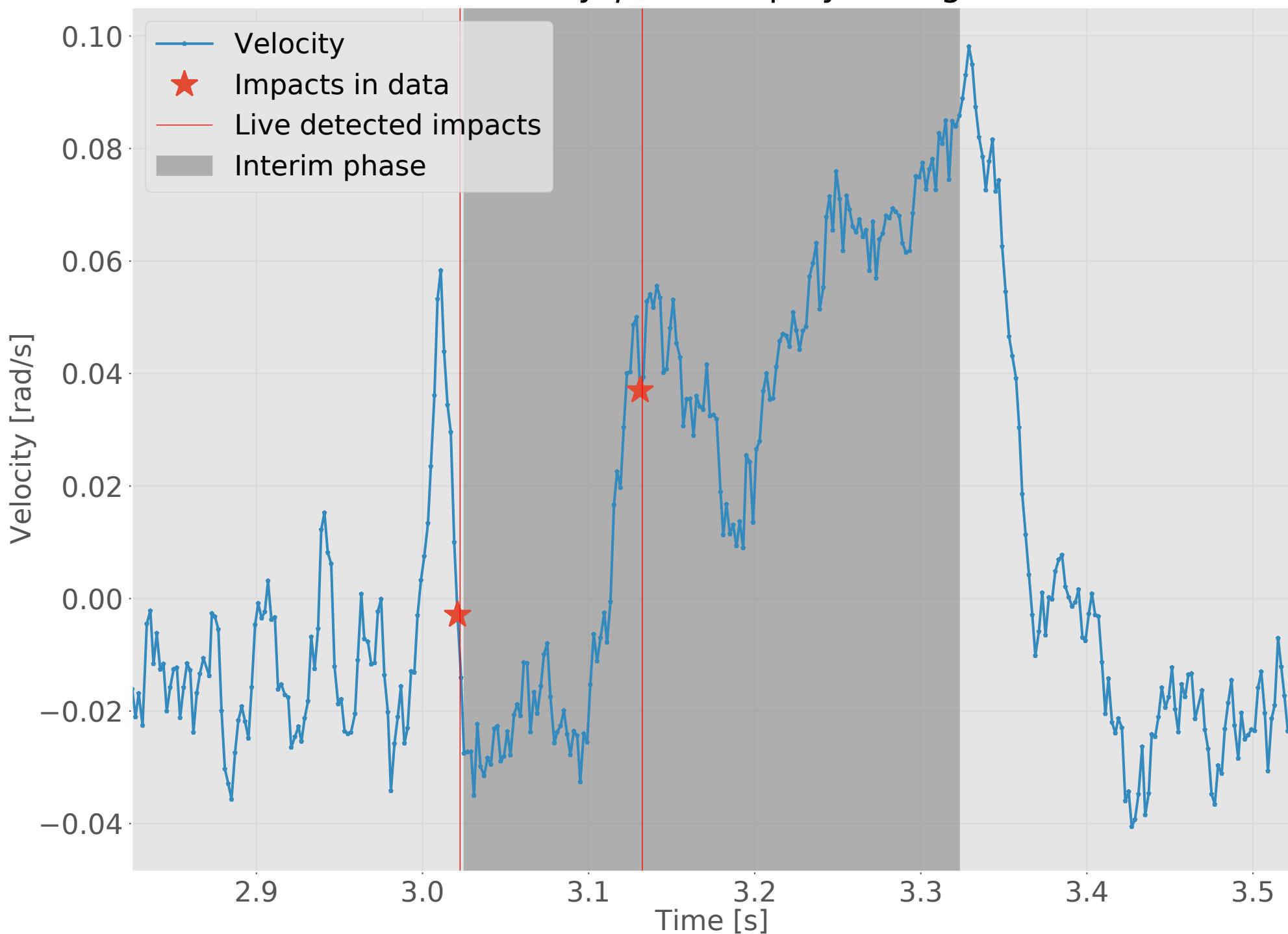
## Velocity Y data/replay41.bag



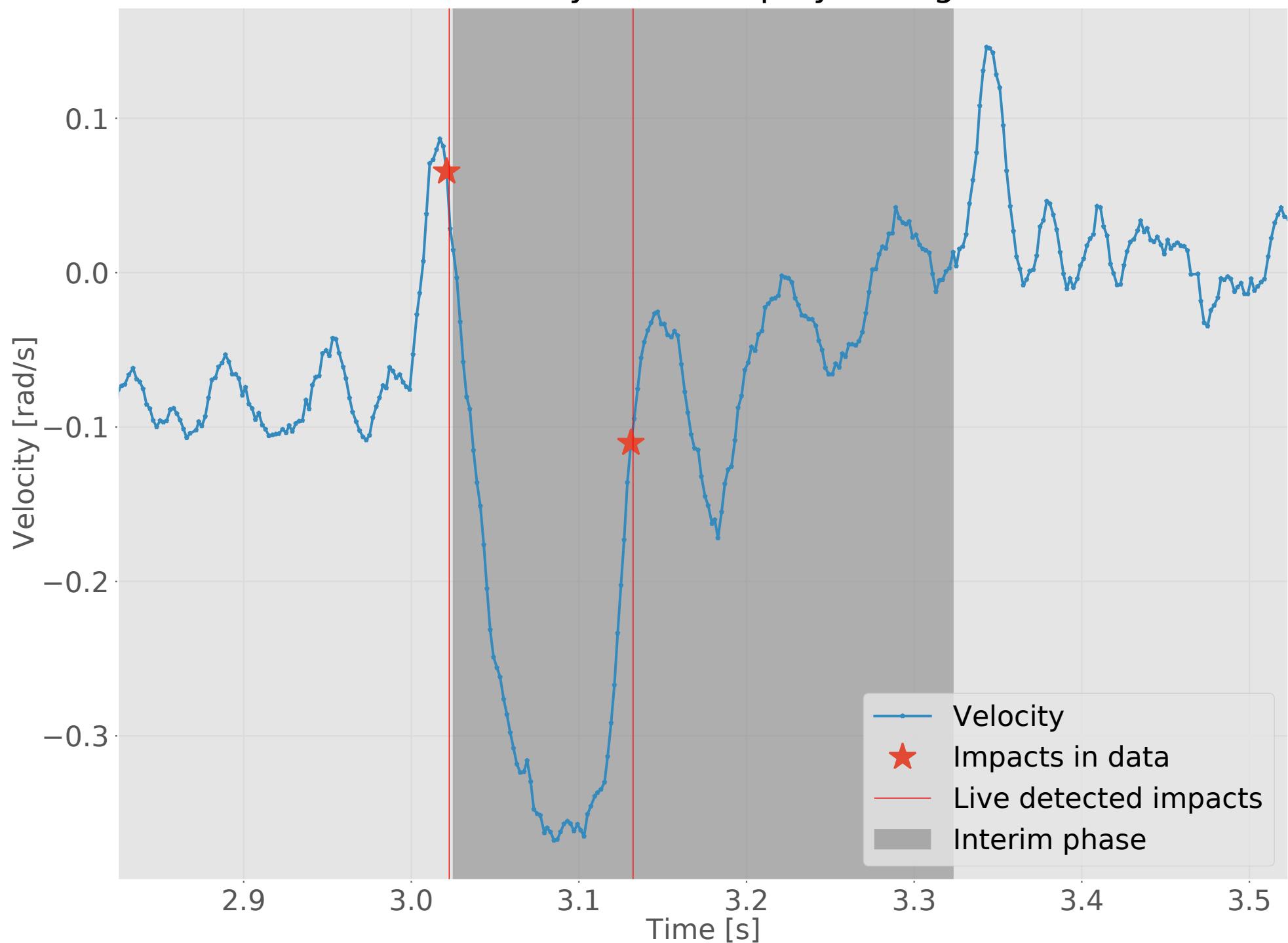
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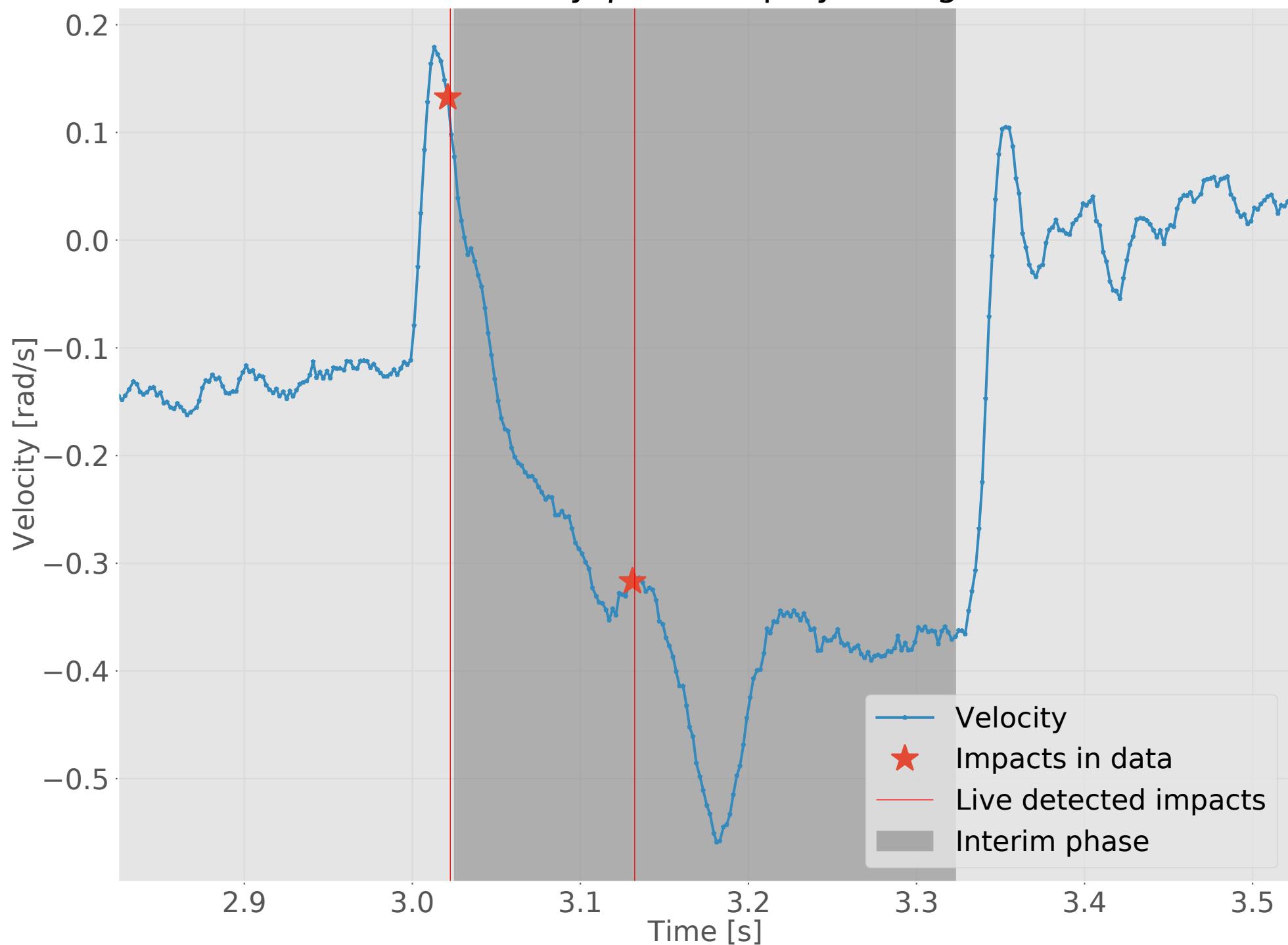
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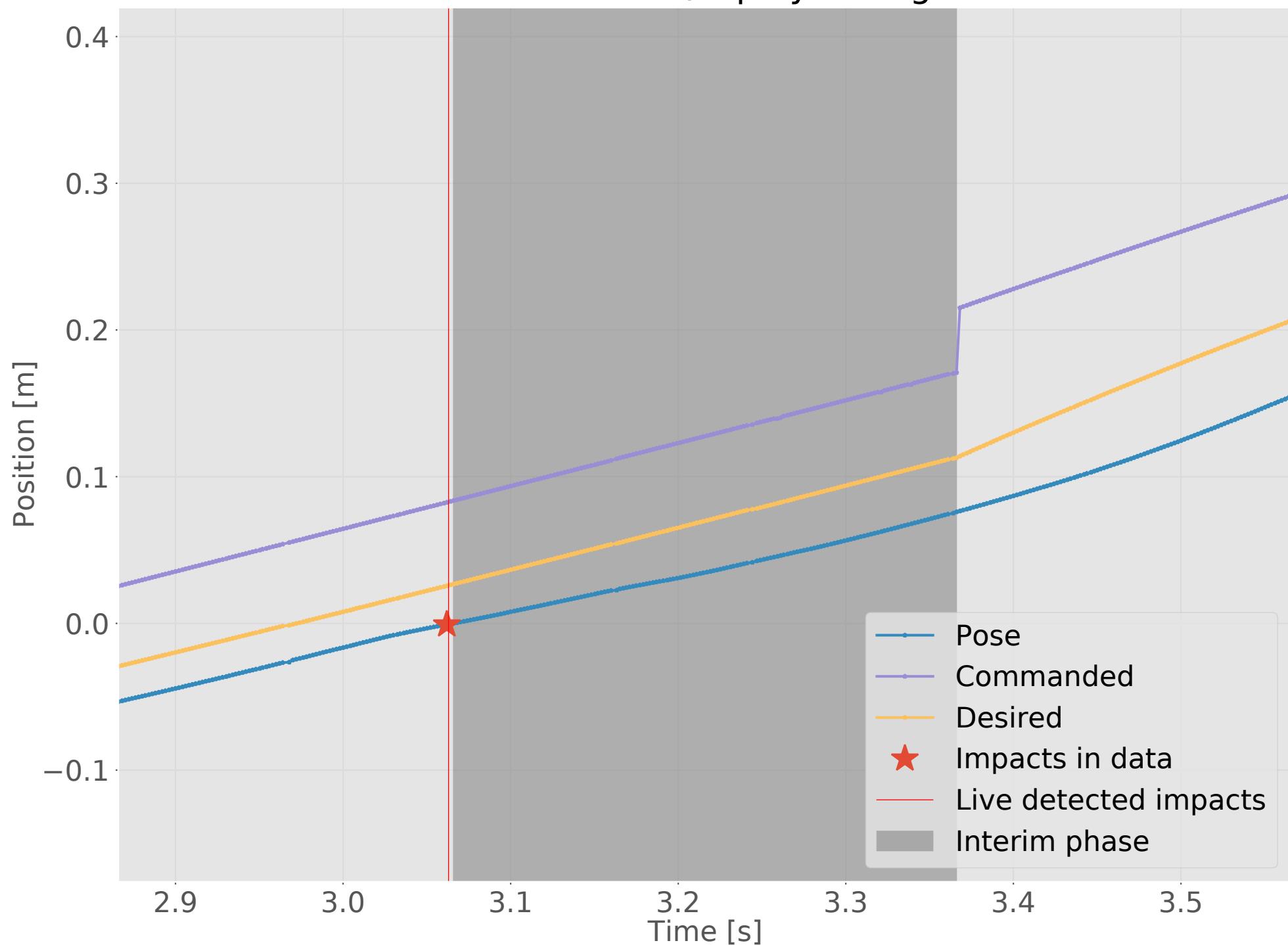
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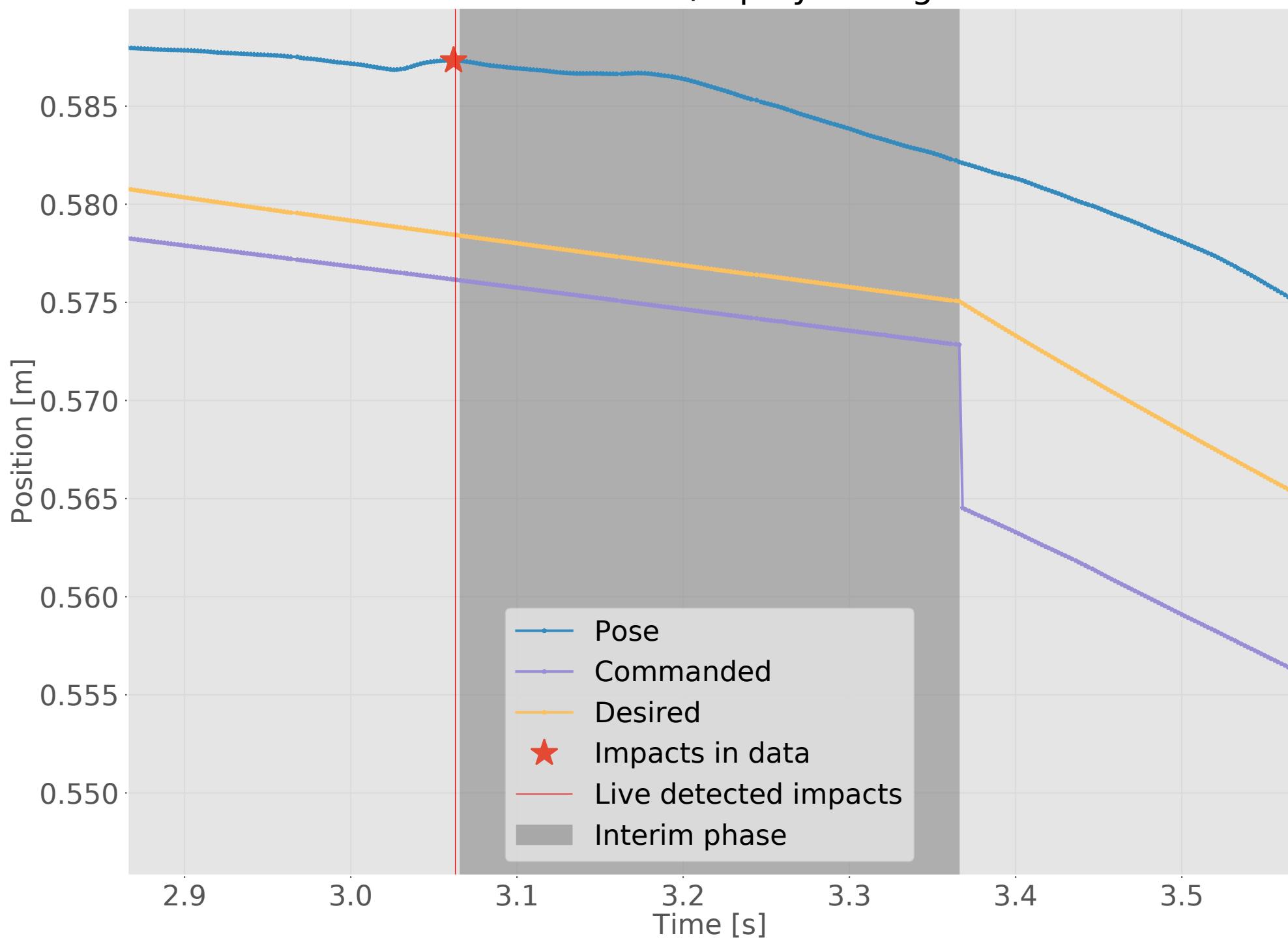
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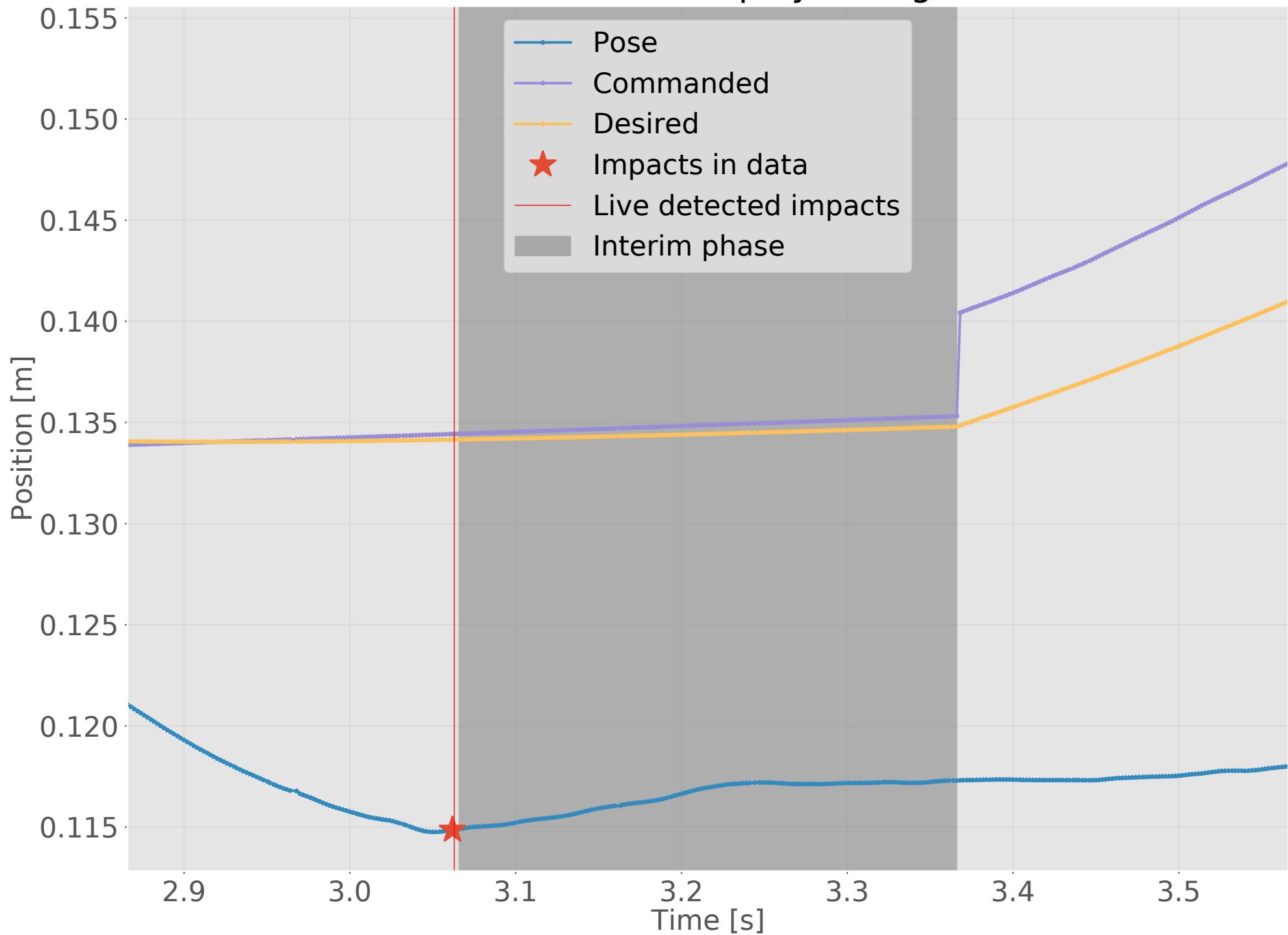
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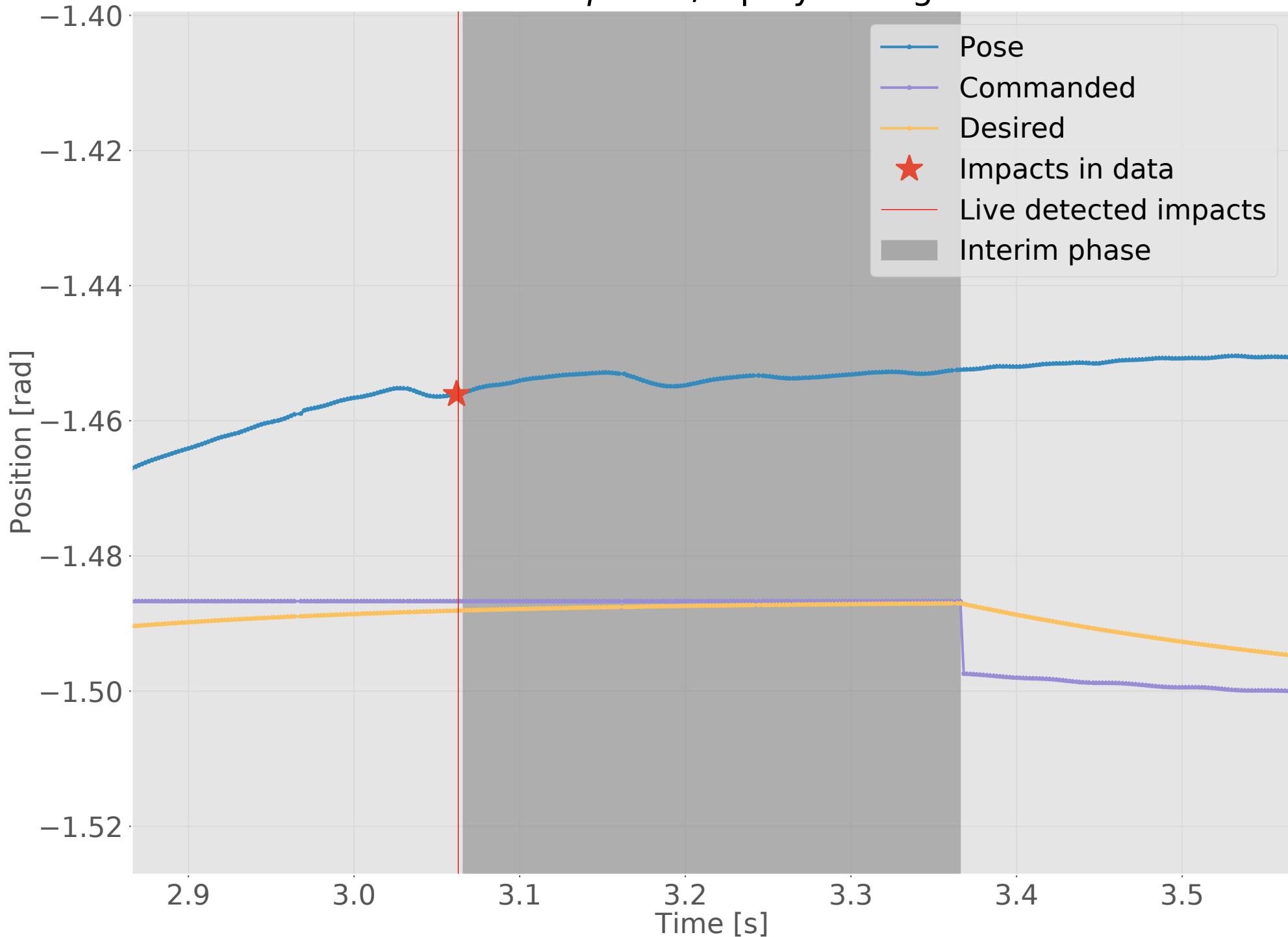
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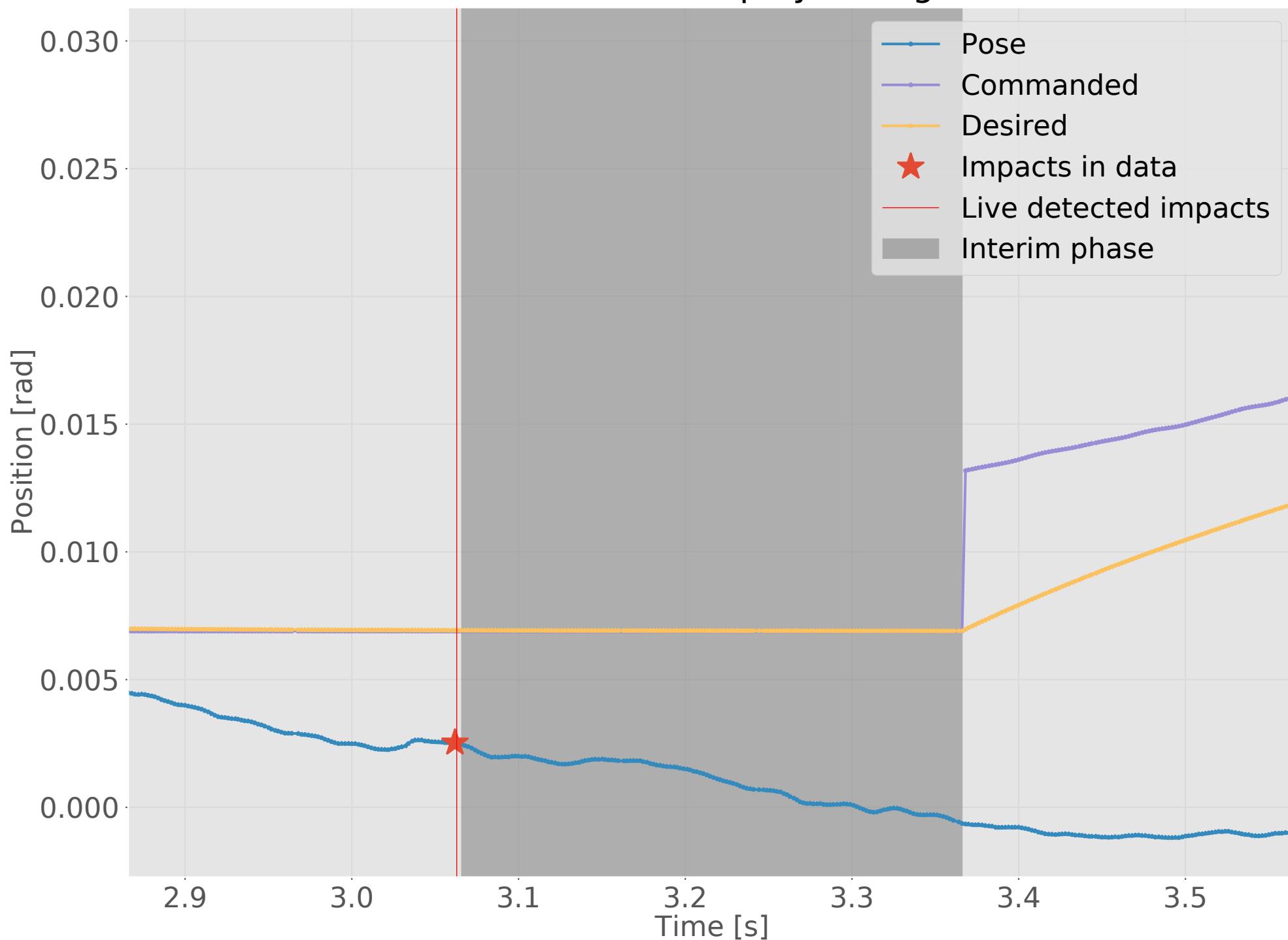
## Pose Z data/replay28.bag



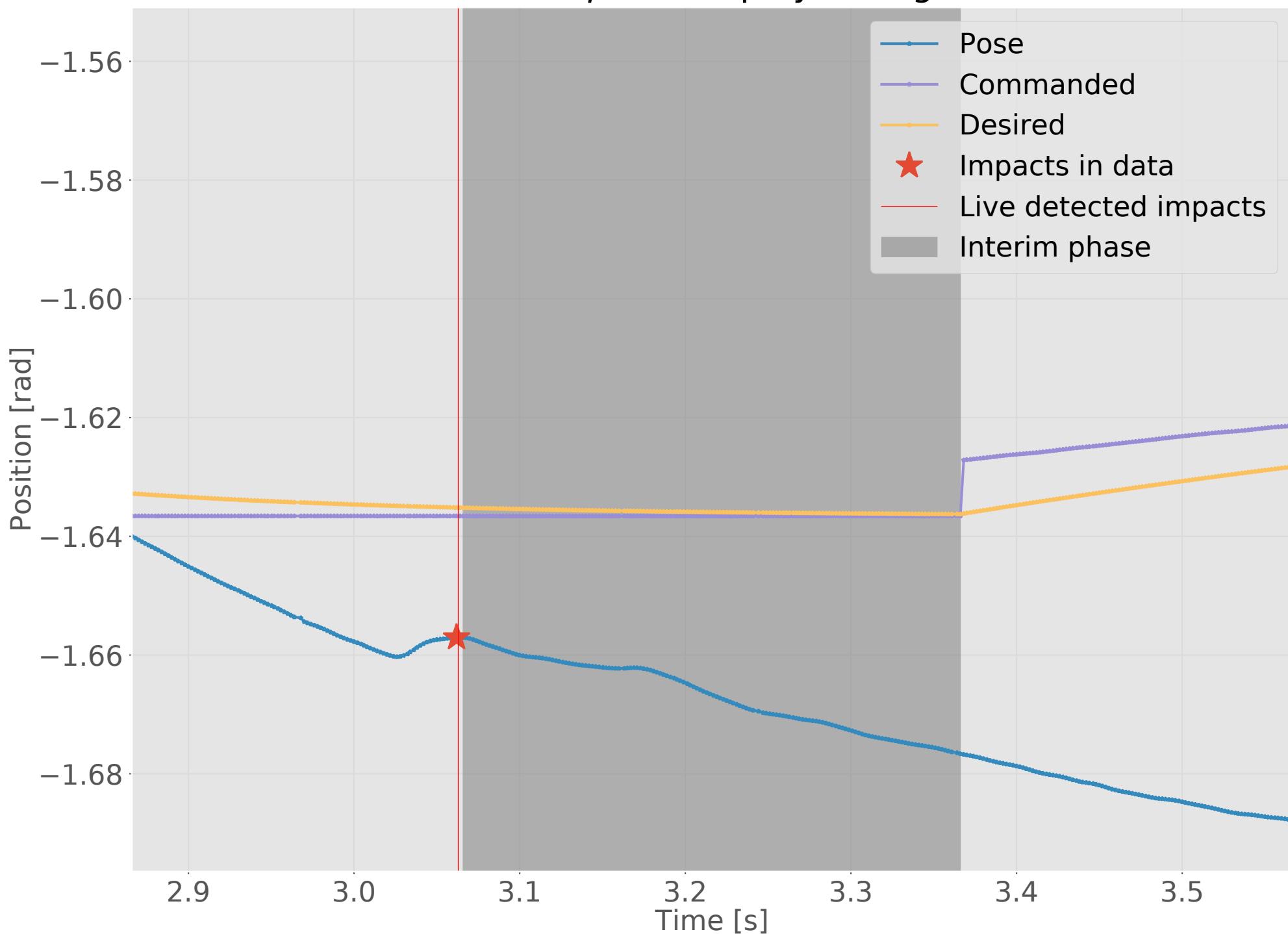
# Pose $\phi$ data/replay28.bag



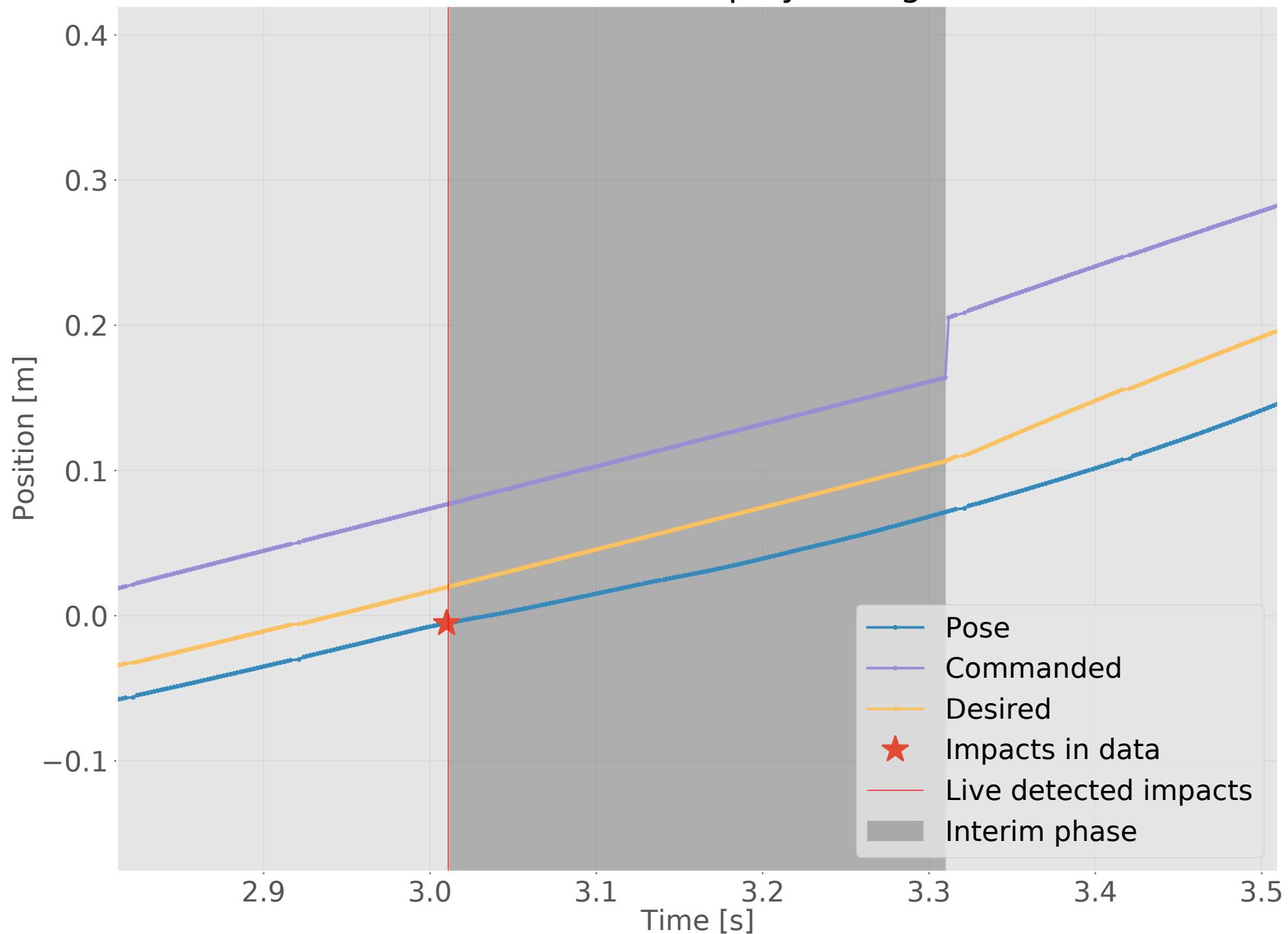
## Pose $\theta$ data/replay28.bag



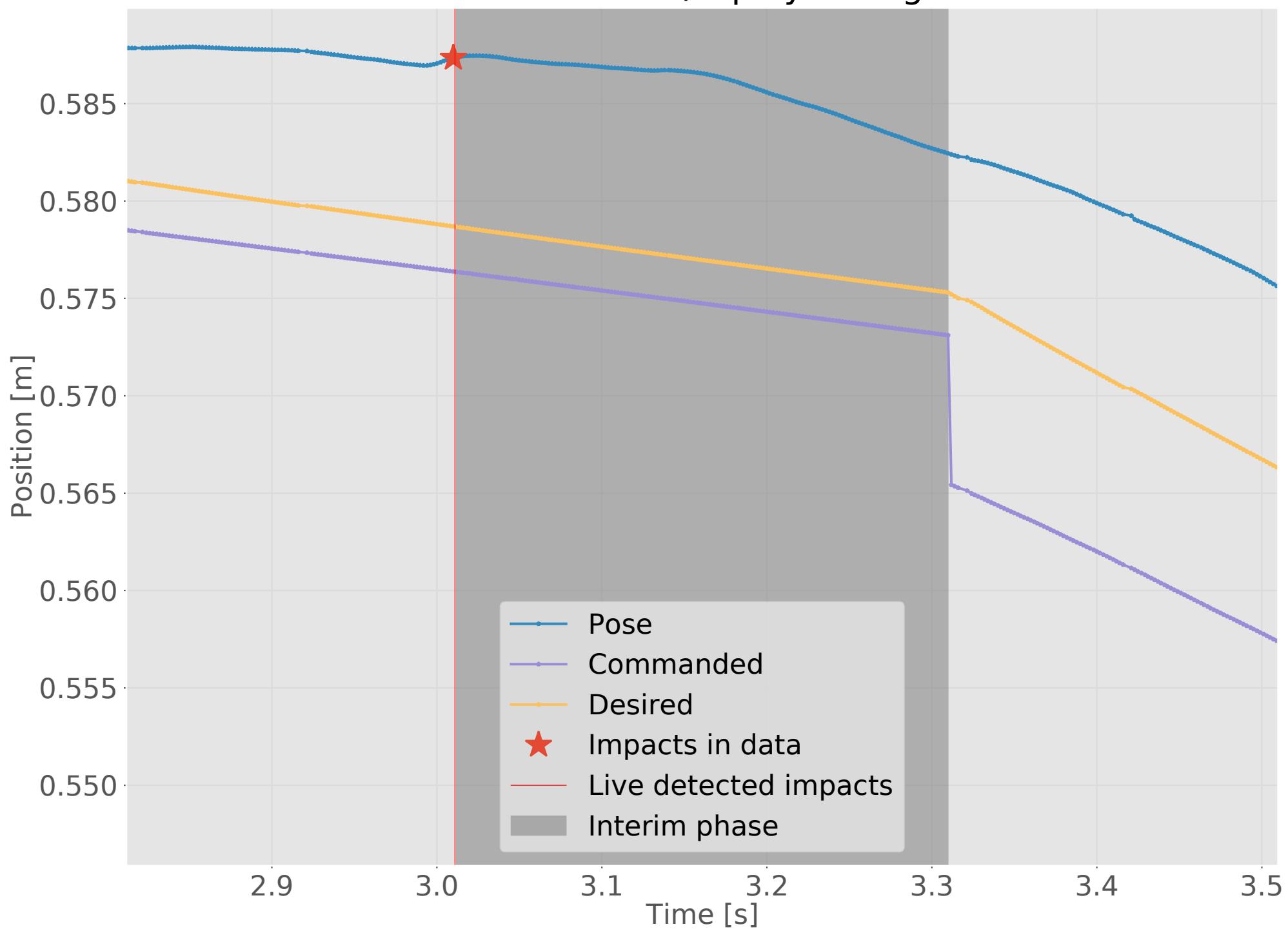
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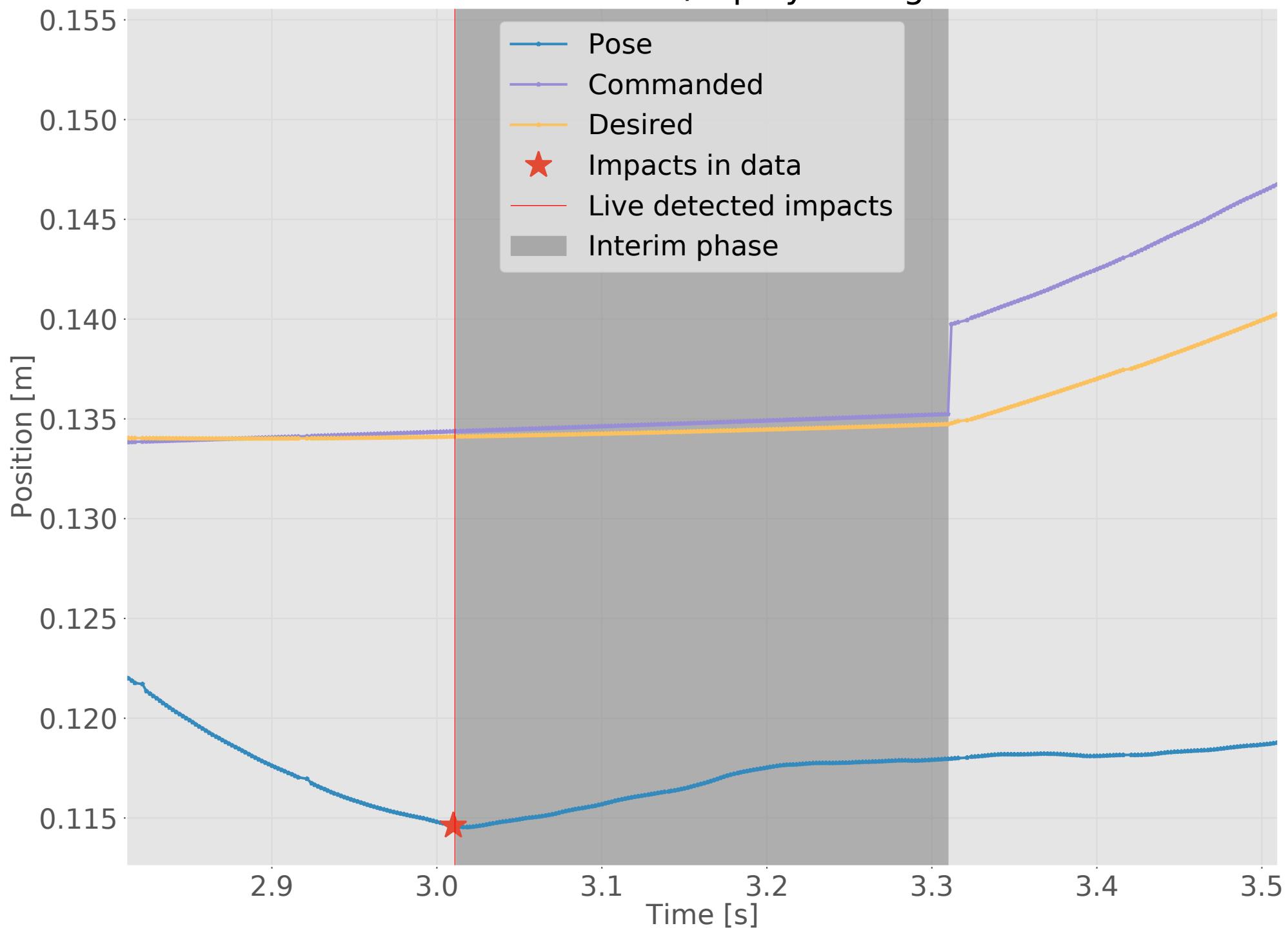
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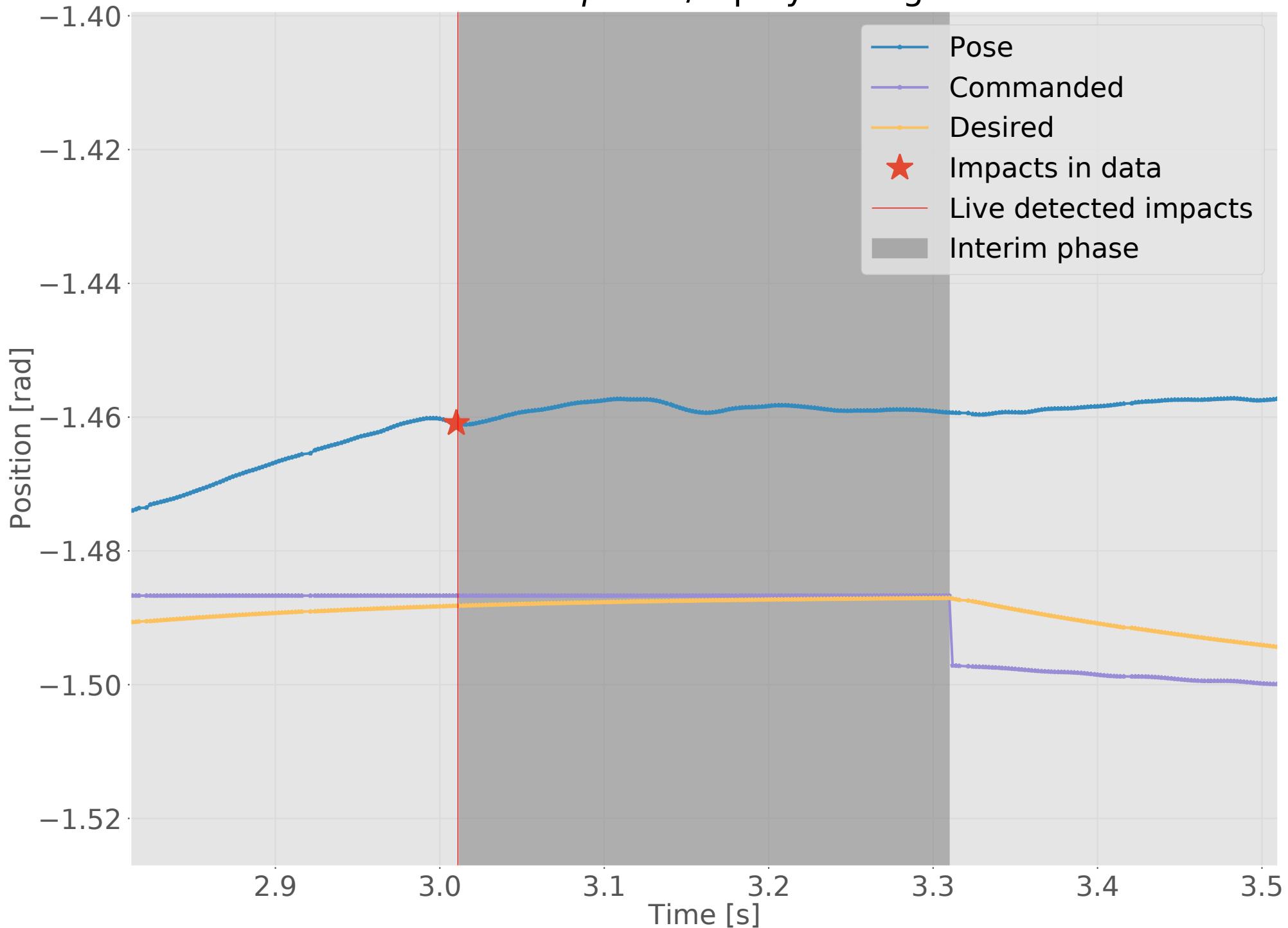
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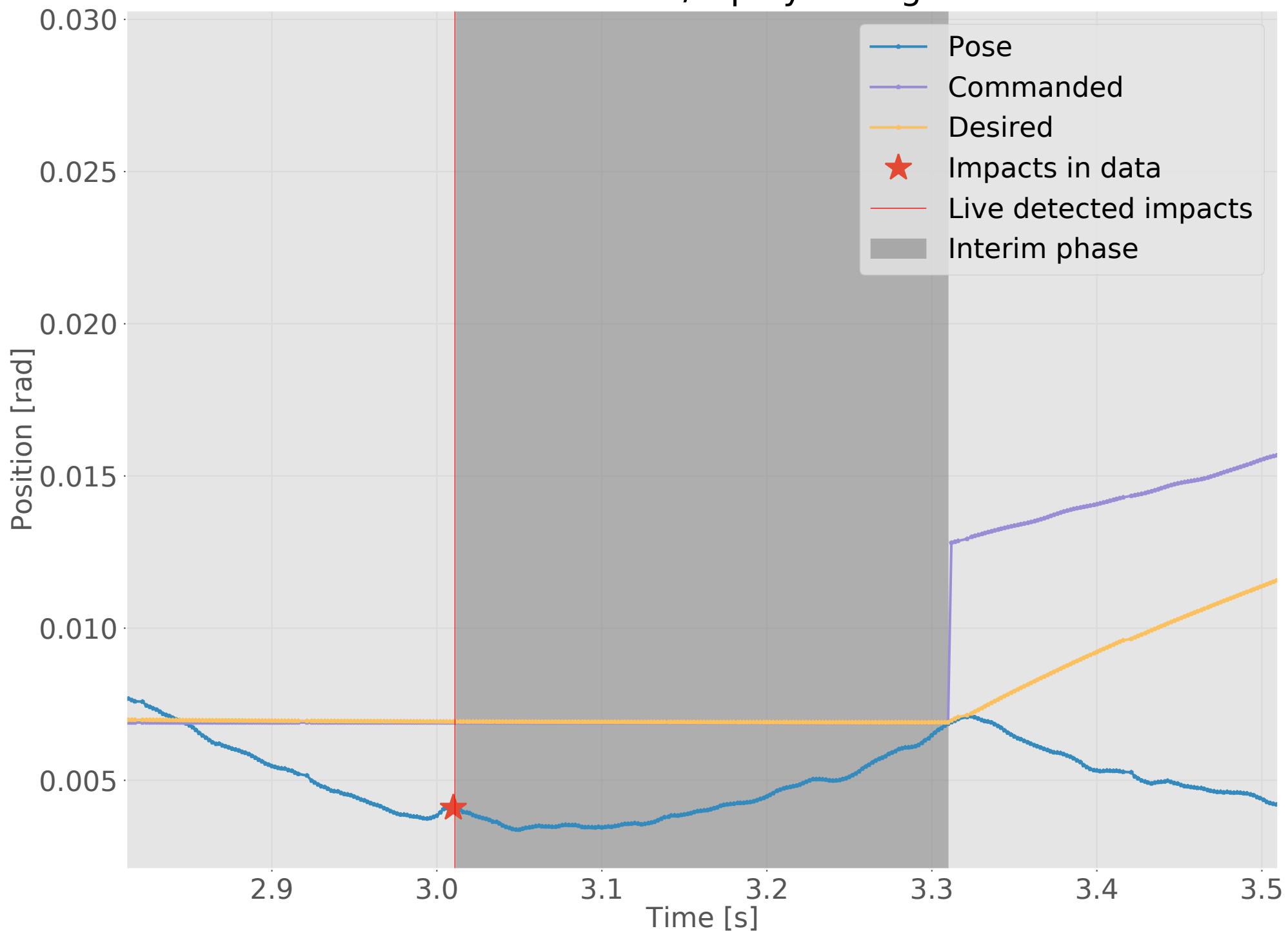
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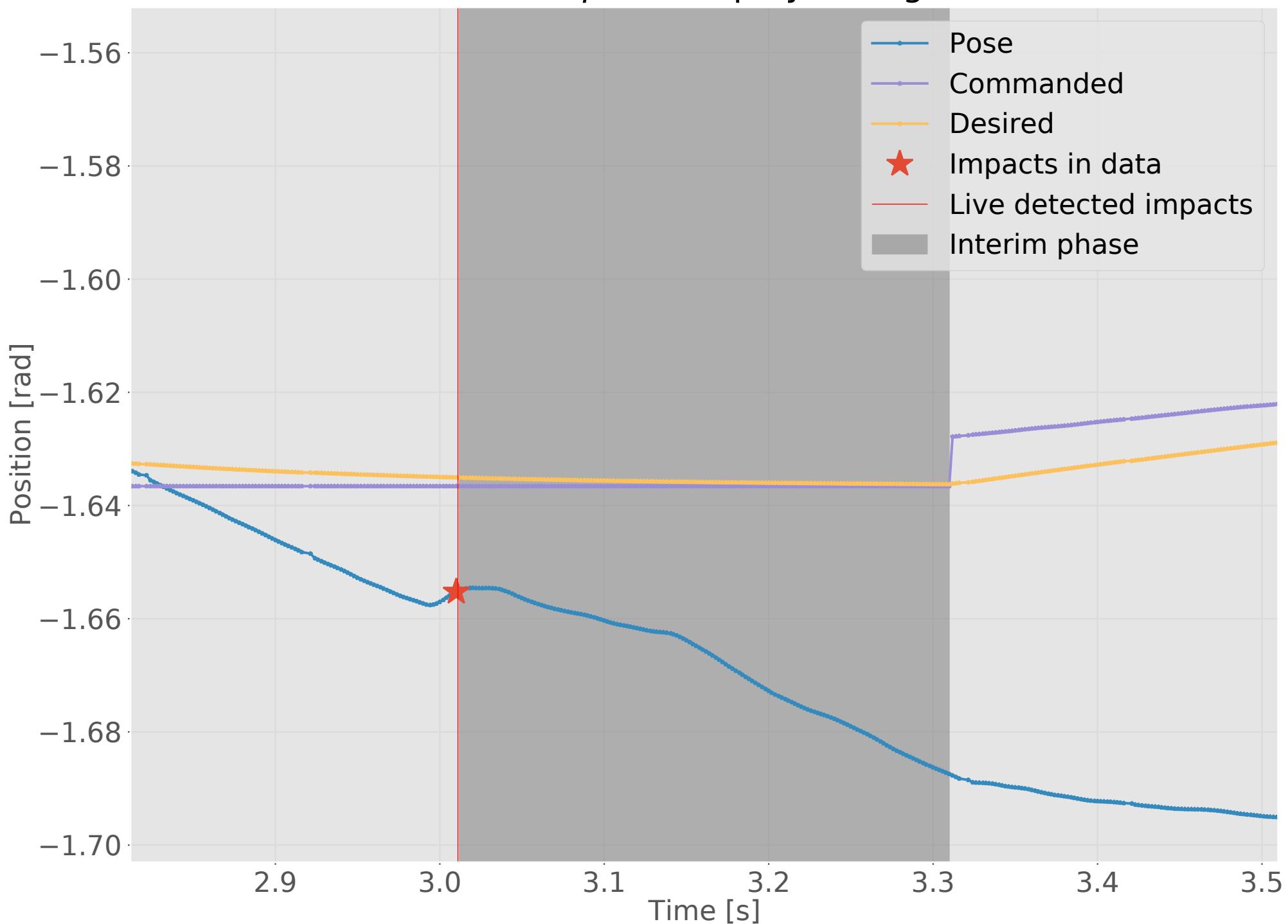
# Pose $\phi$ data/replay29.bag



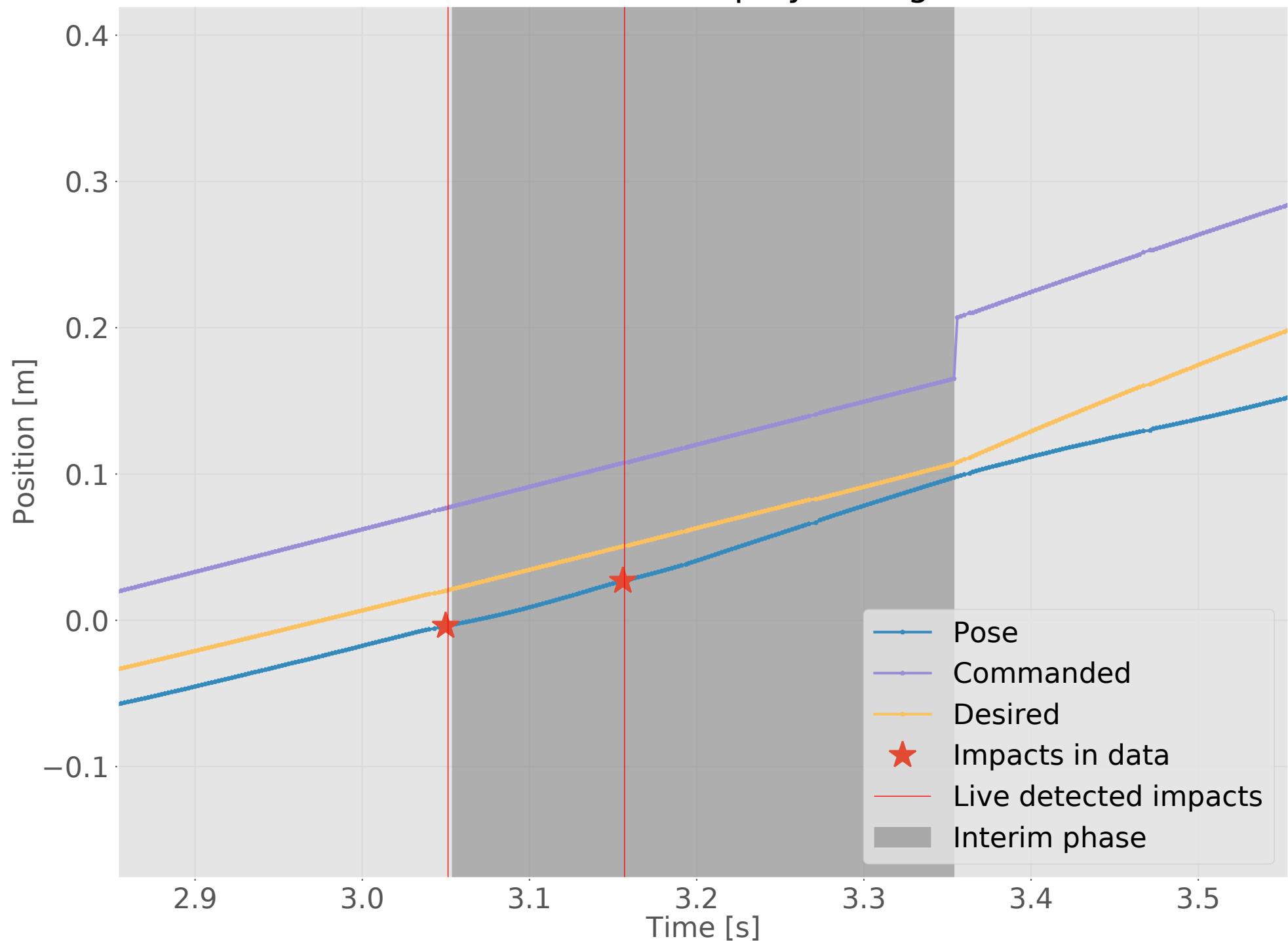
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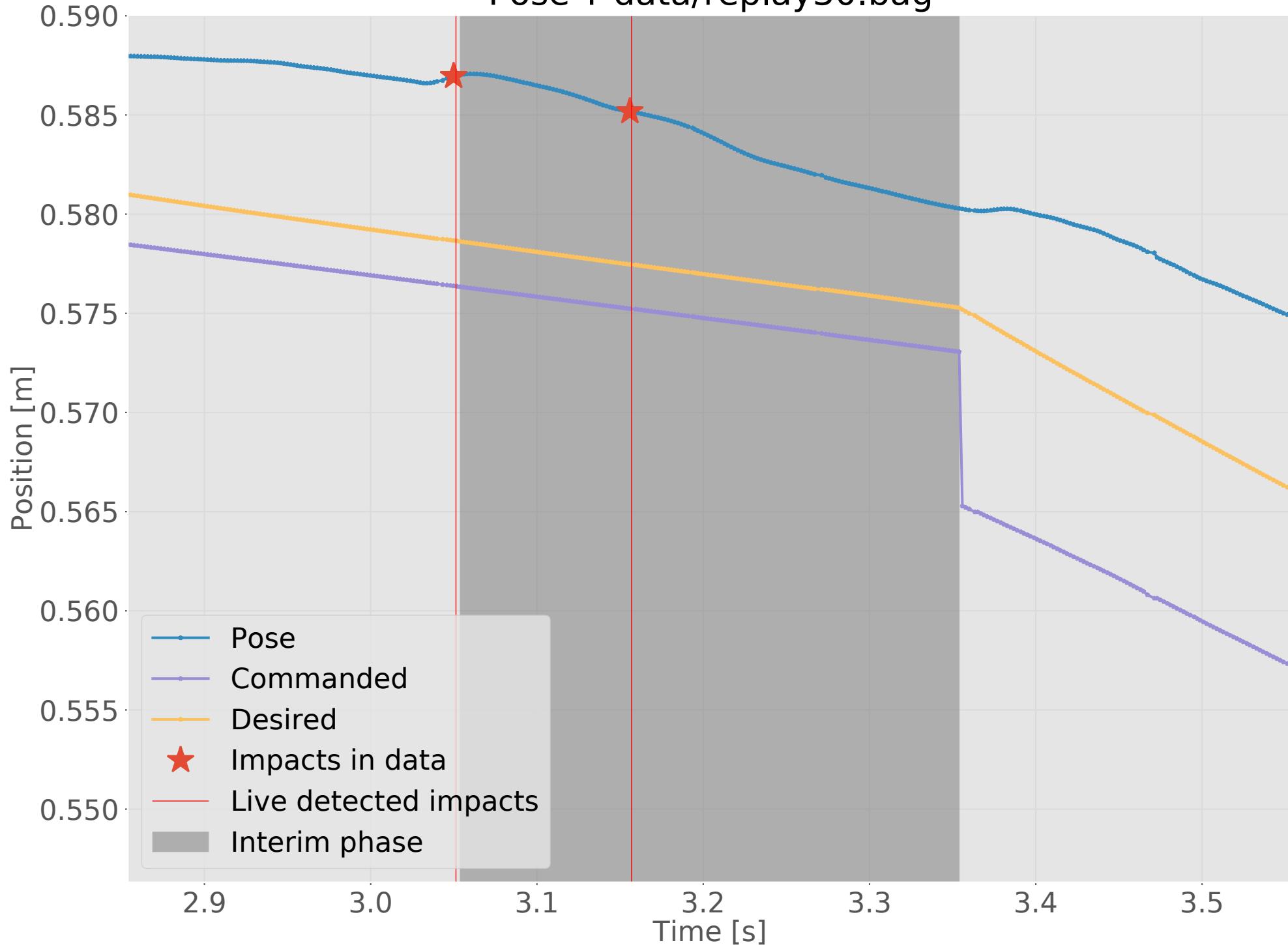
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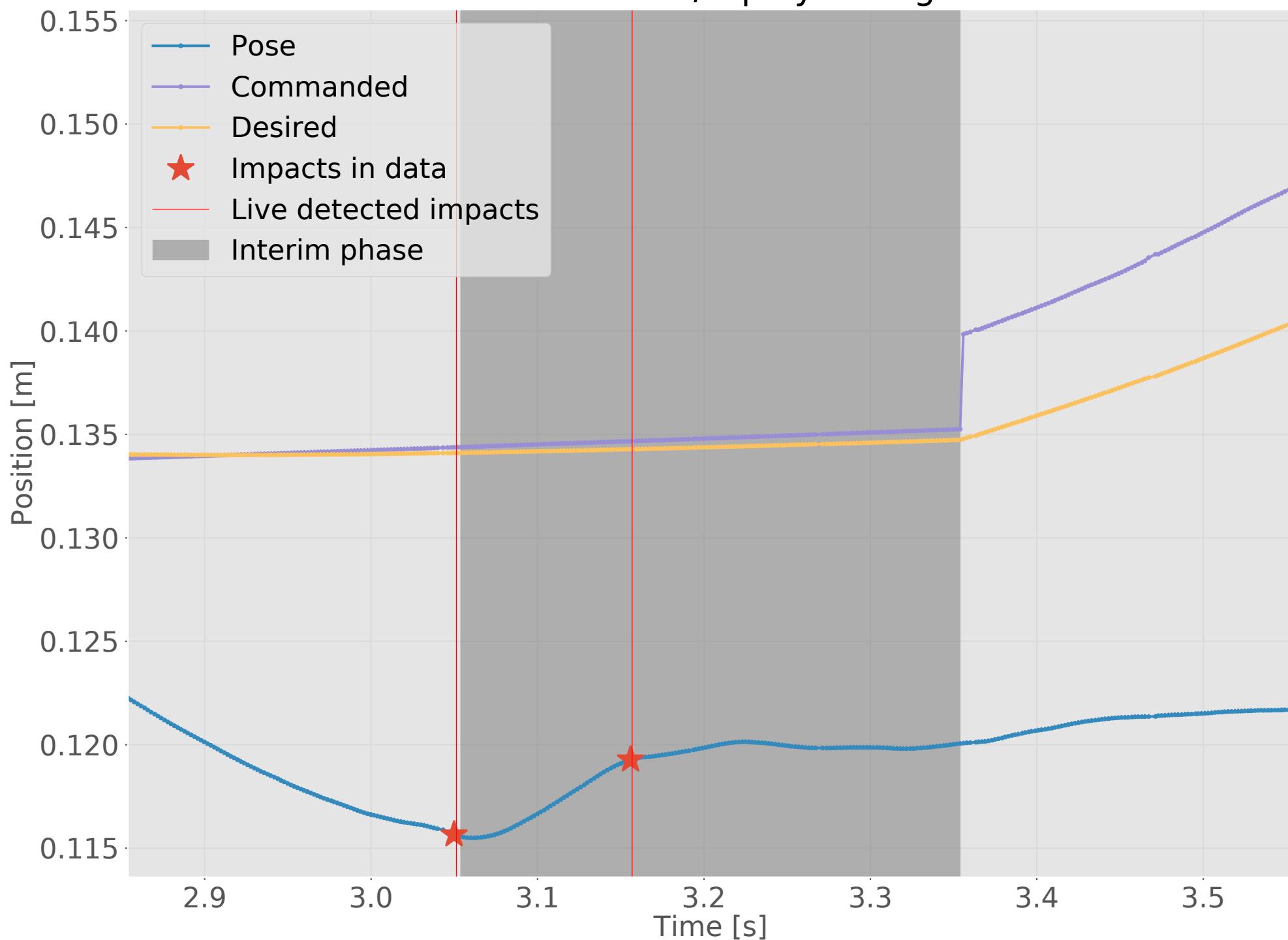
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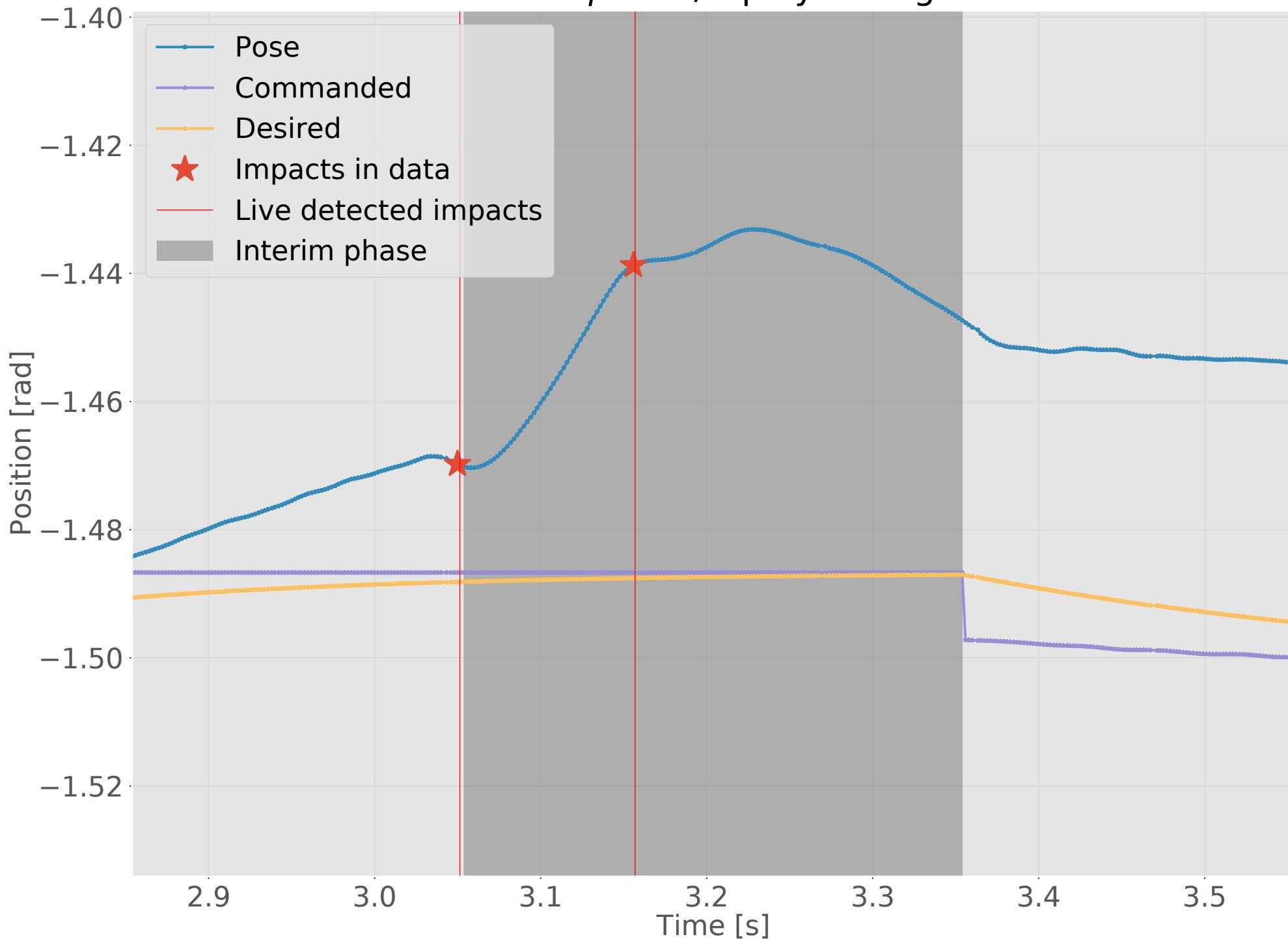
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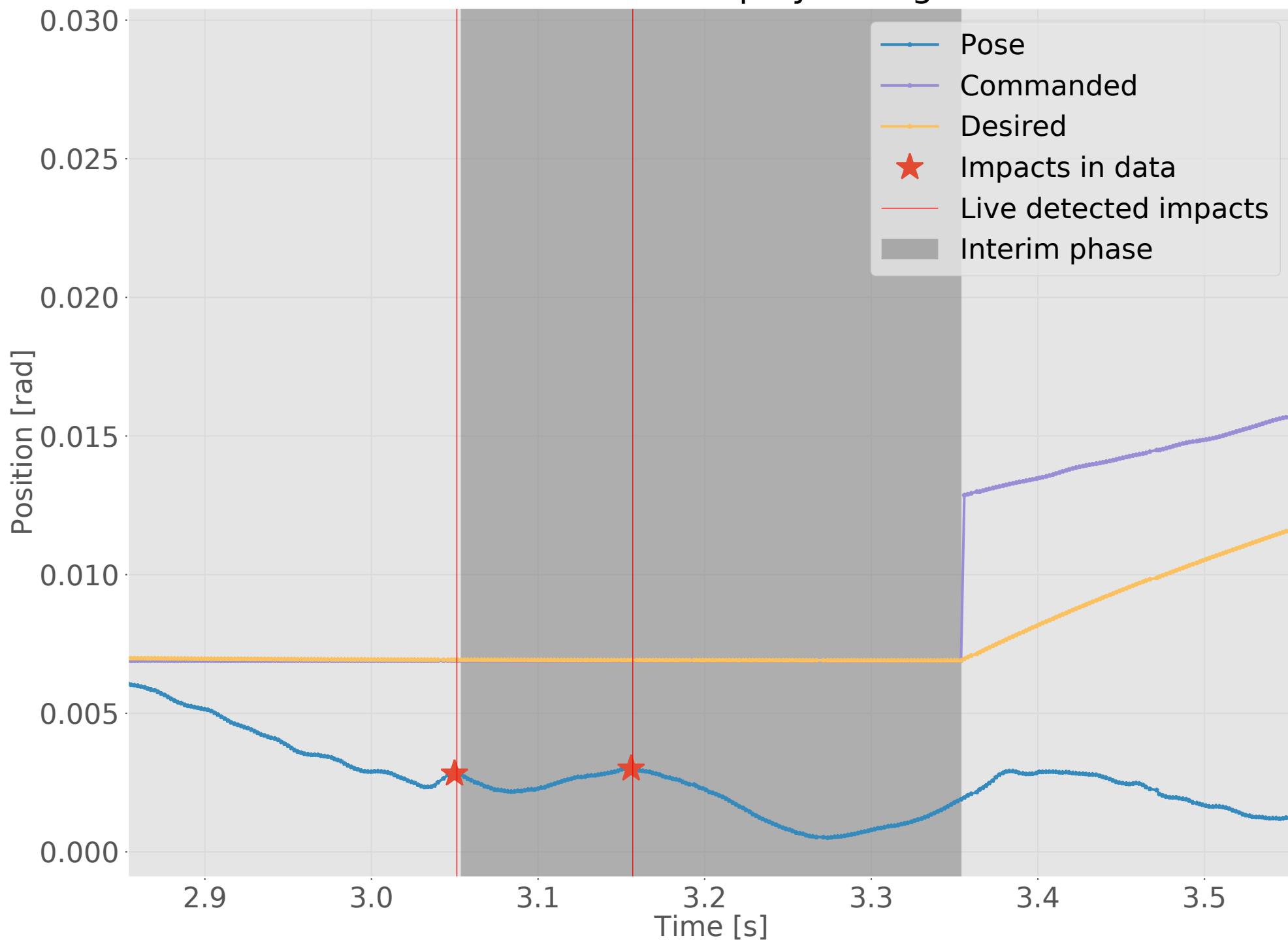
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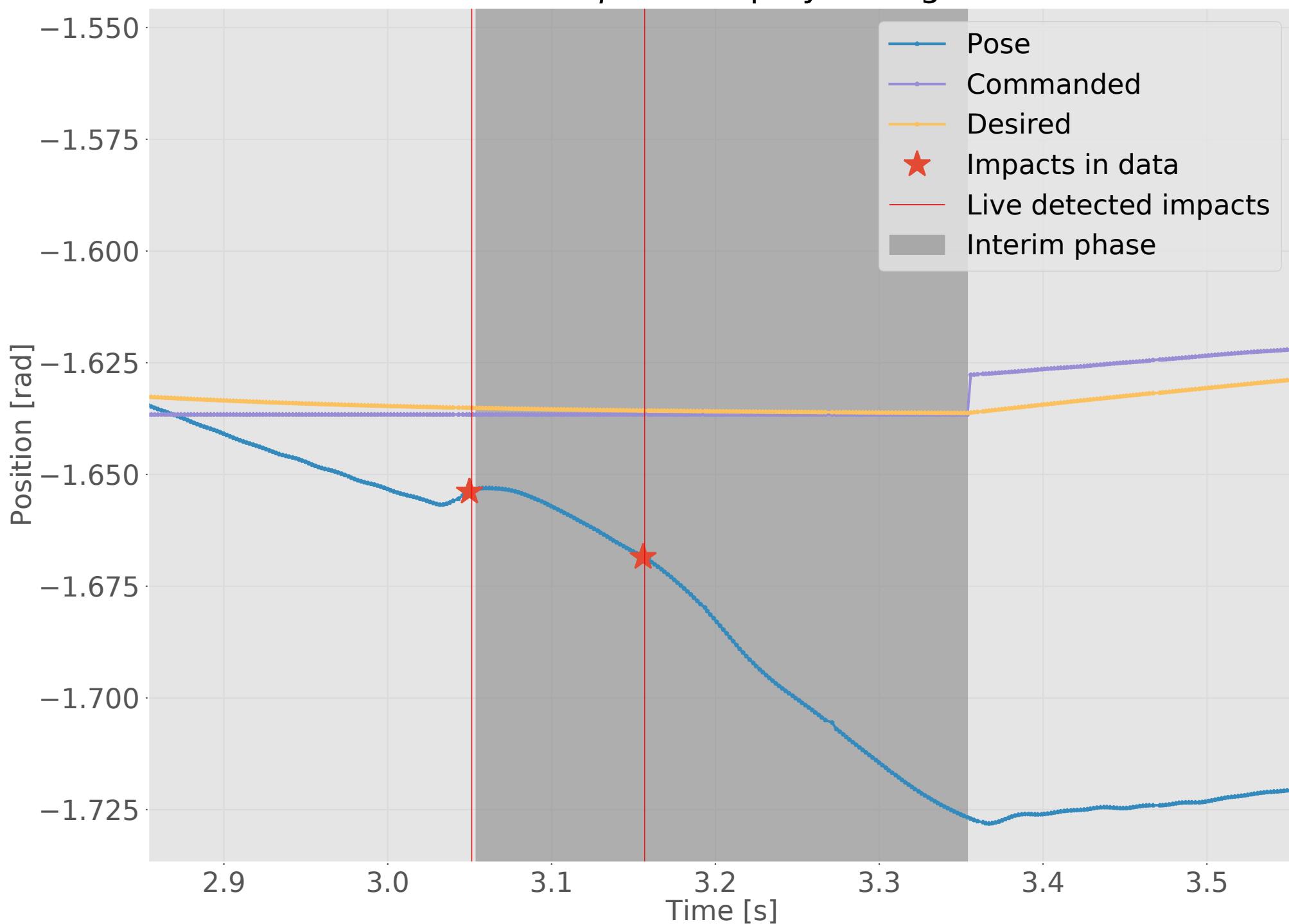
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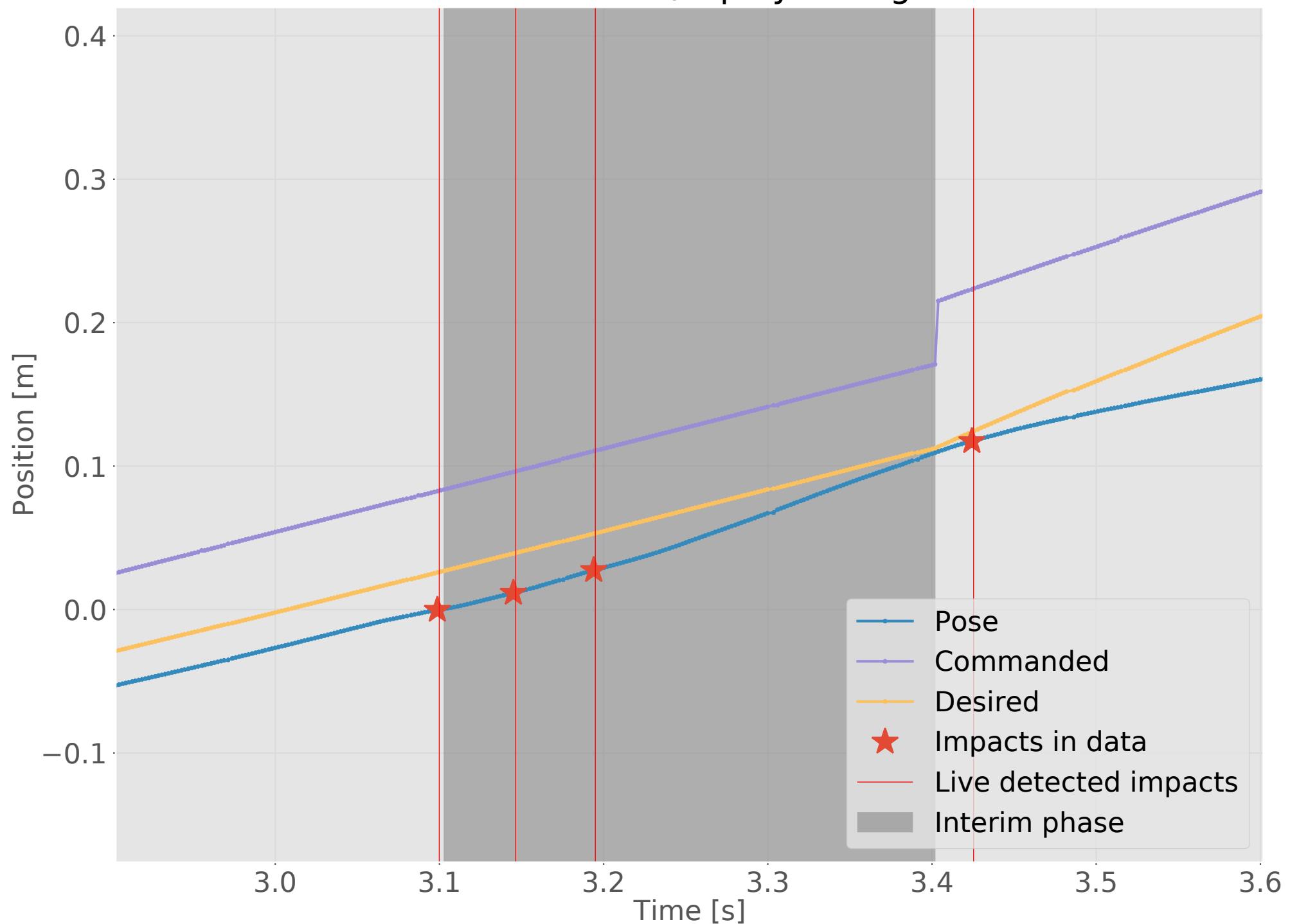
# Pose $\theta$ data/replay30.bag



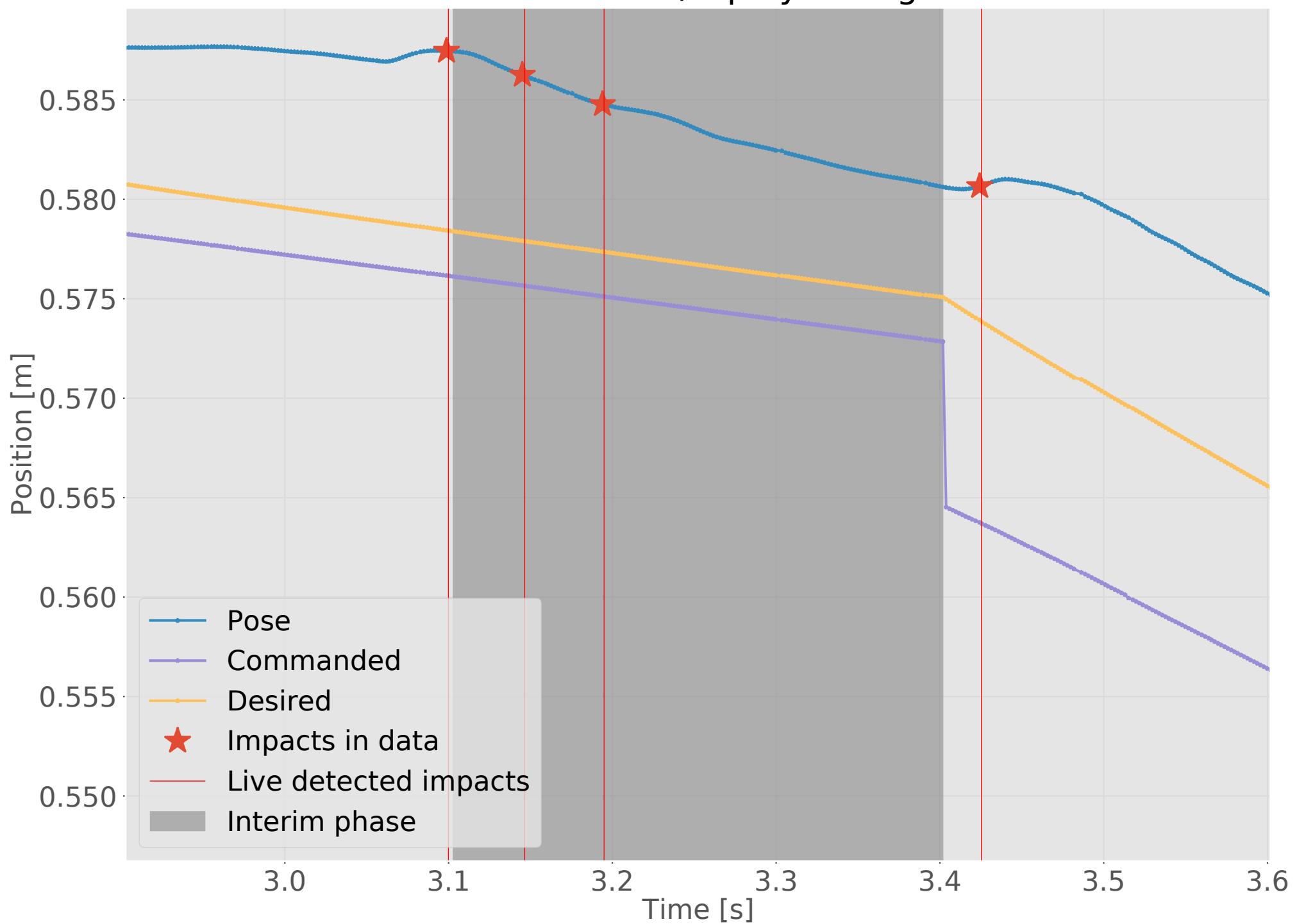
# Pose $\psi$ data/replay30.bag



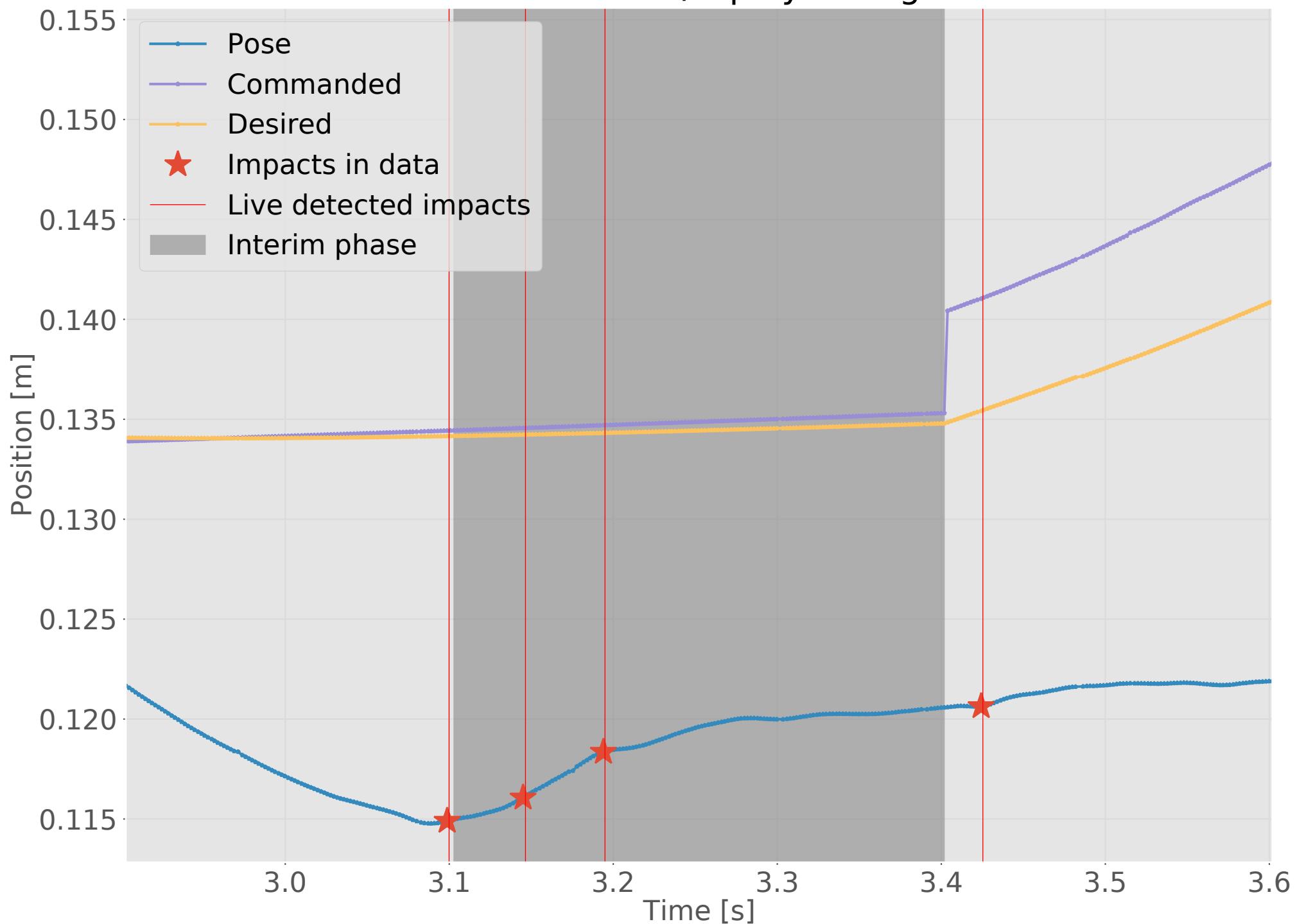
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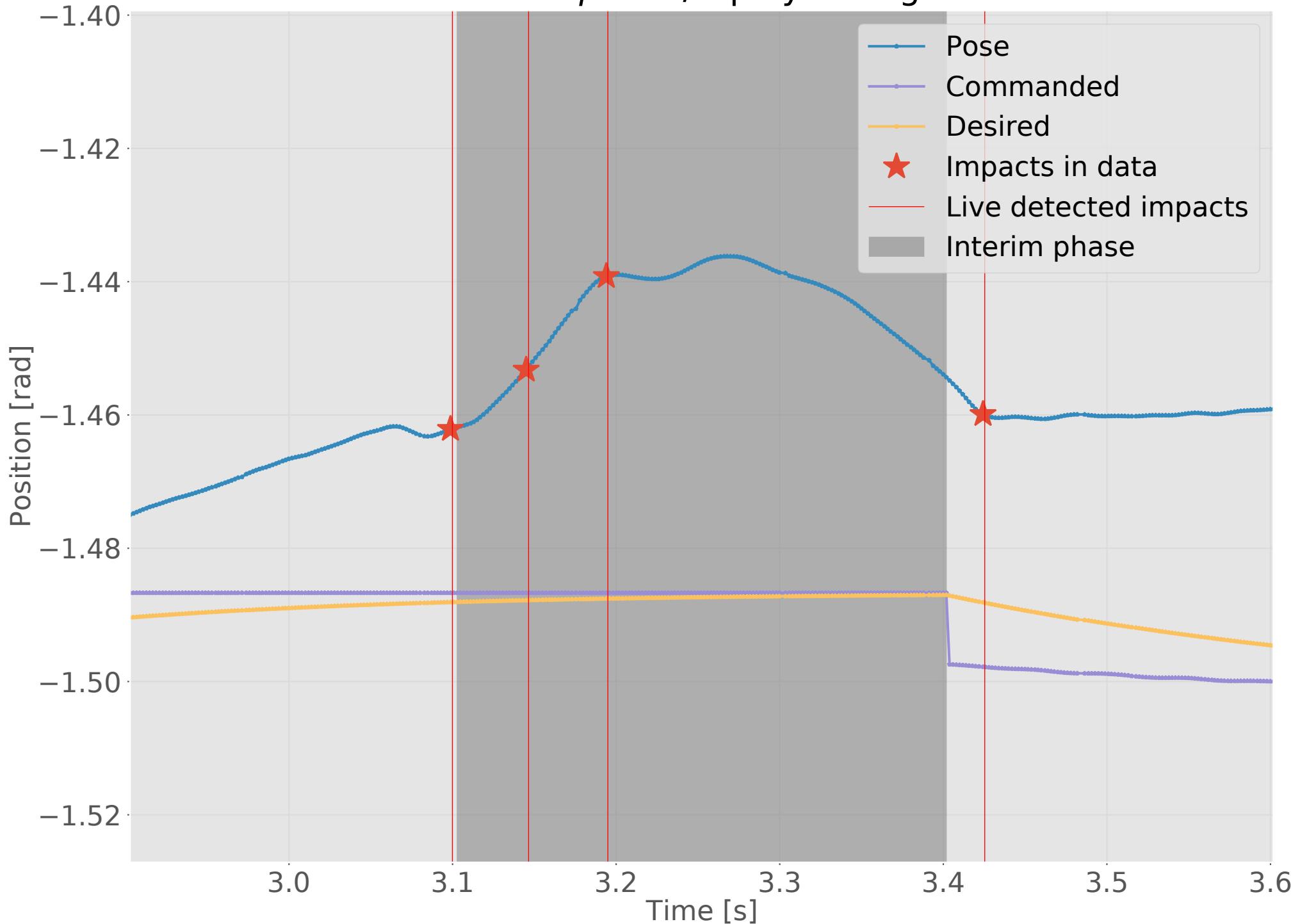
## Pose Y data/replay31.bag



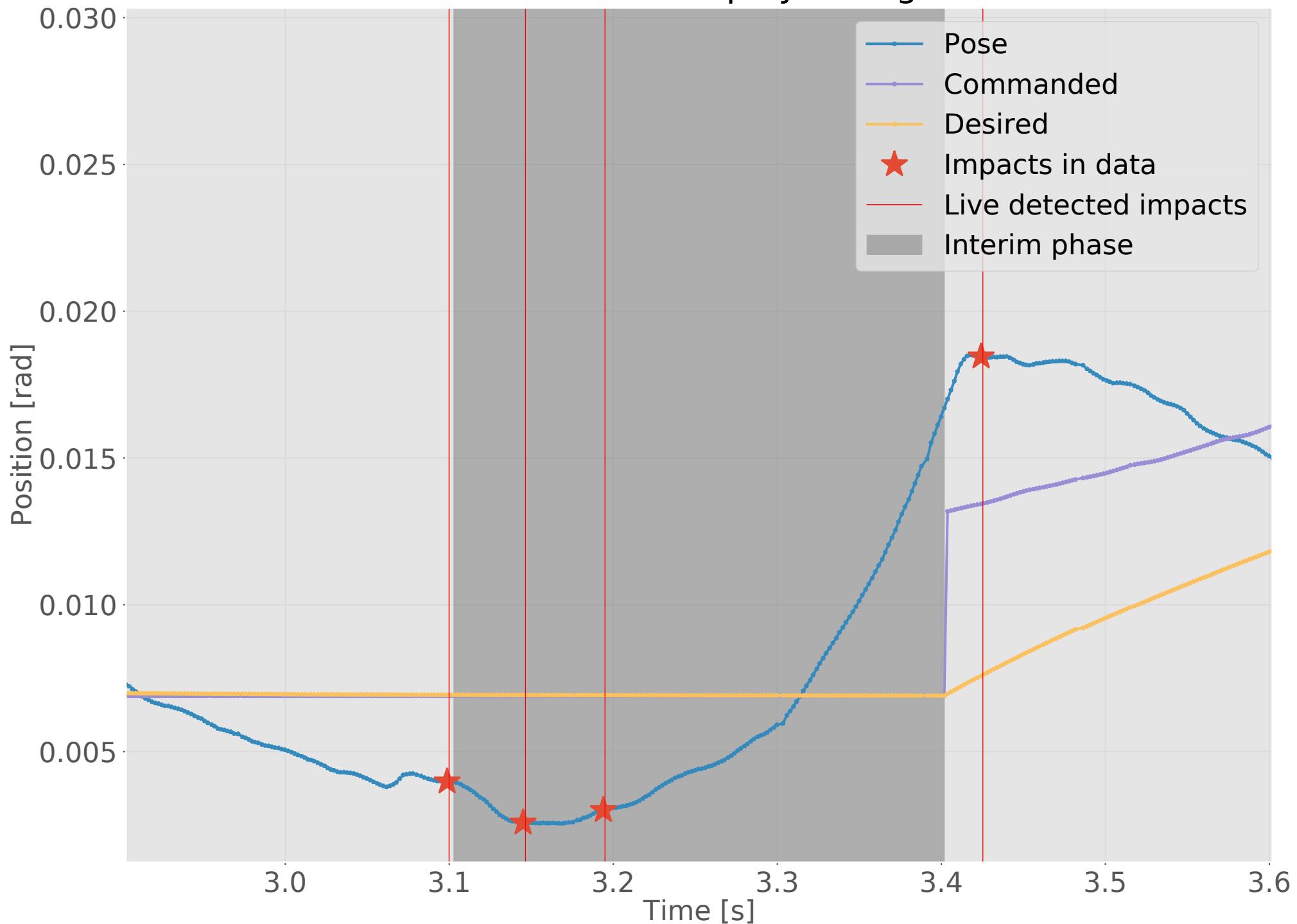
# Pose Z data/replay31.bag



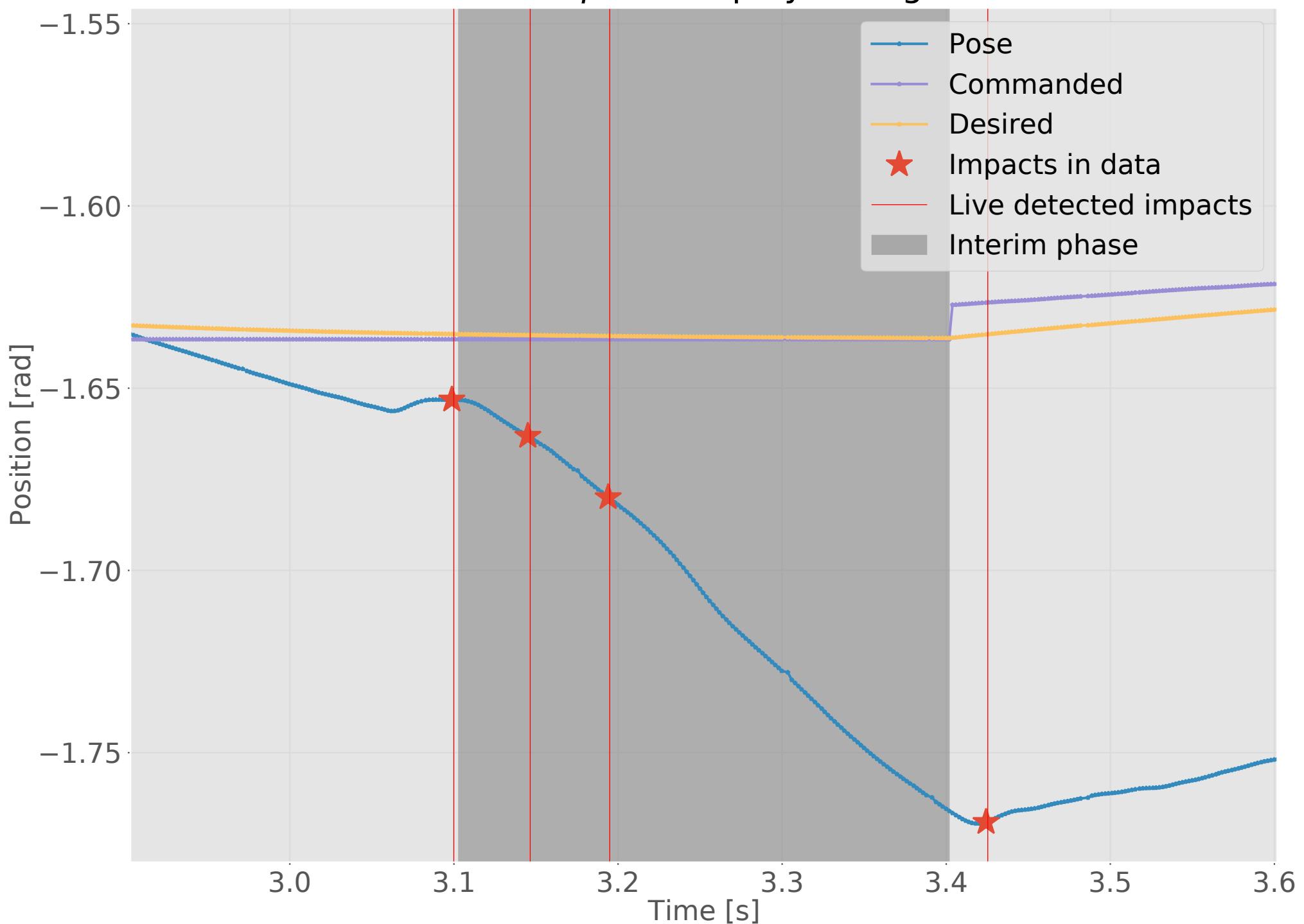
# Pose $\phi$ data/replay31.bag



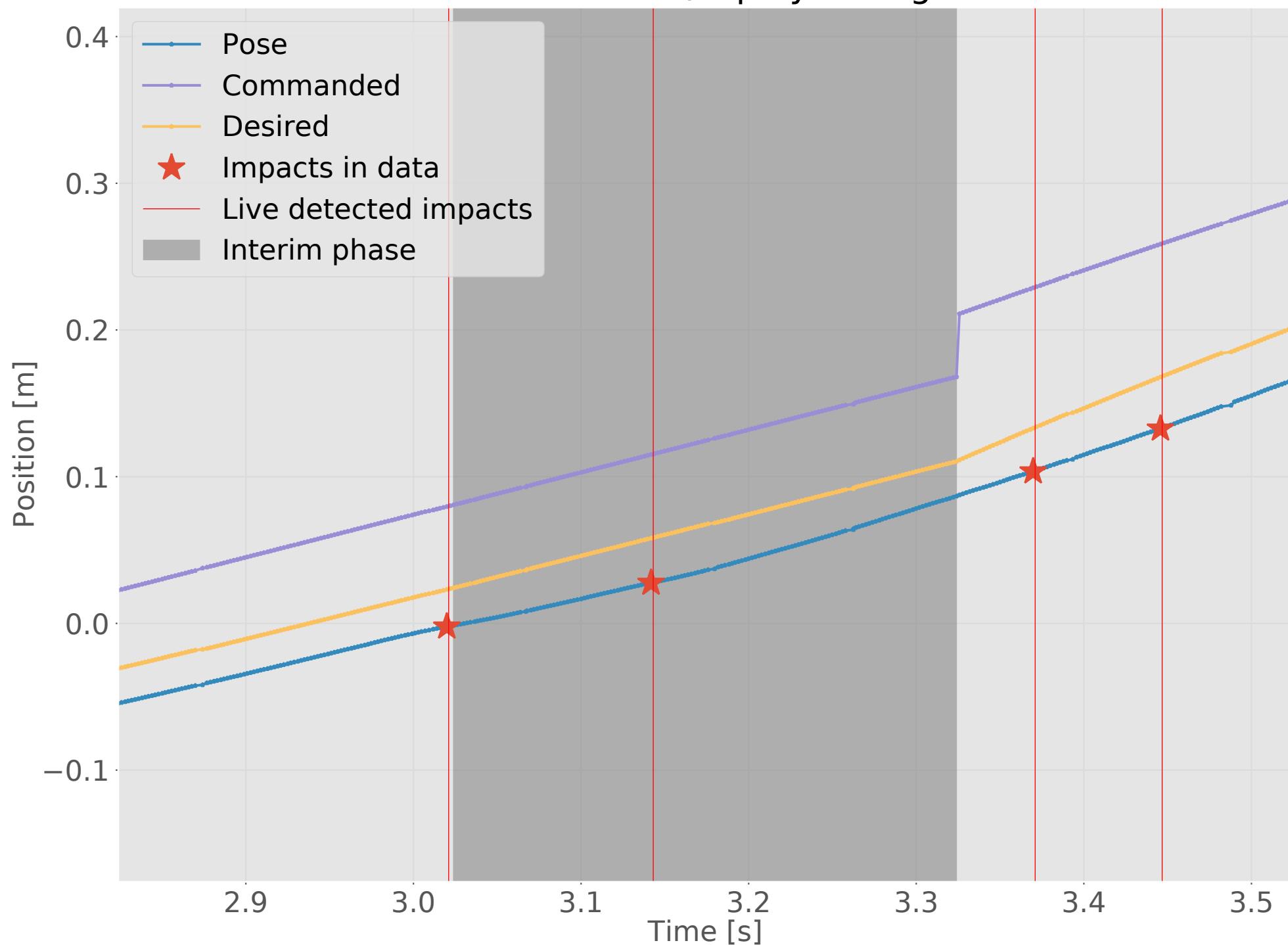
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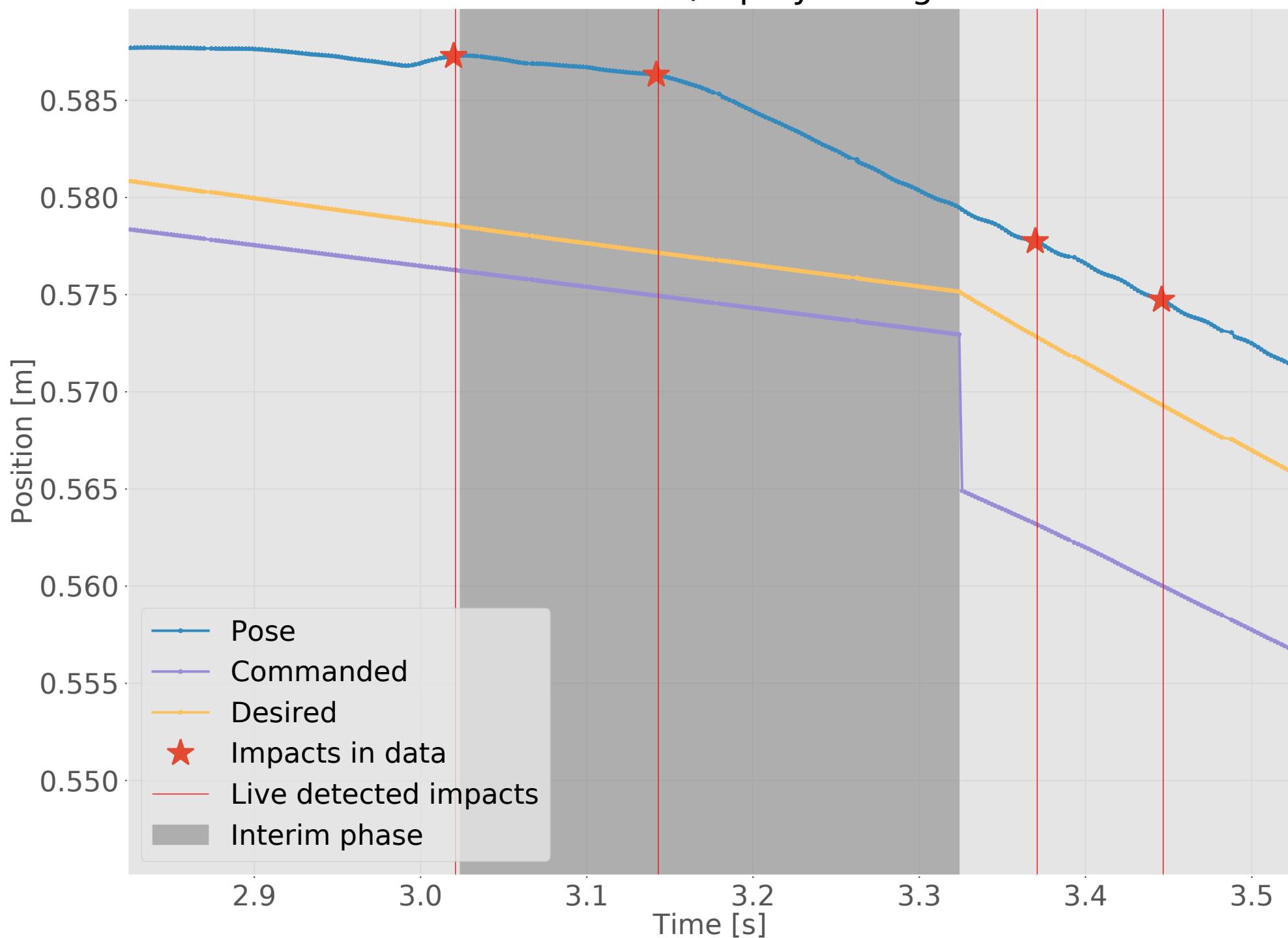
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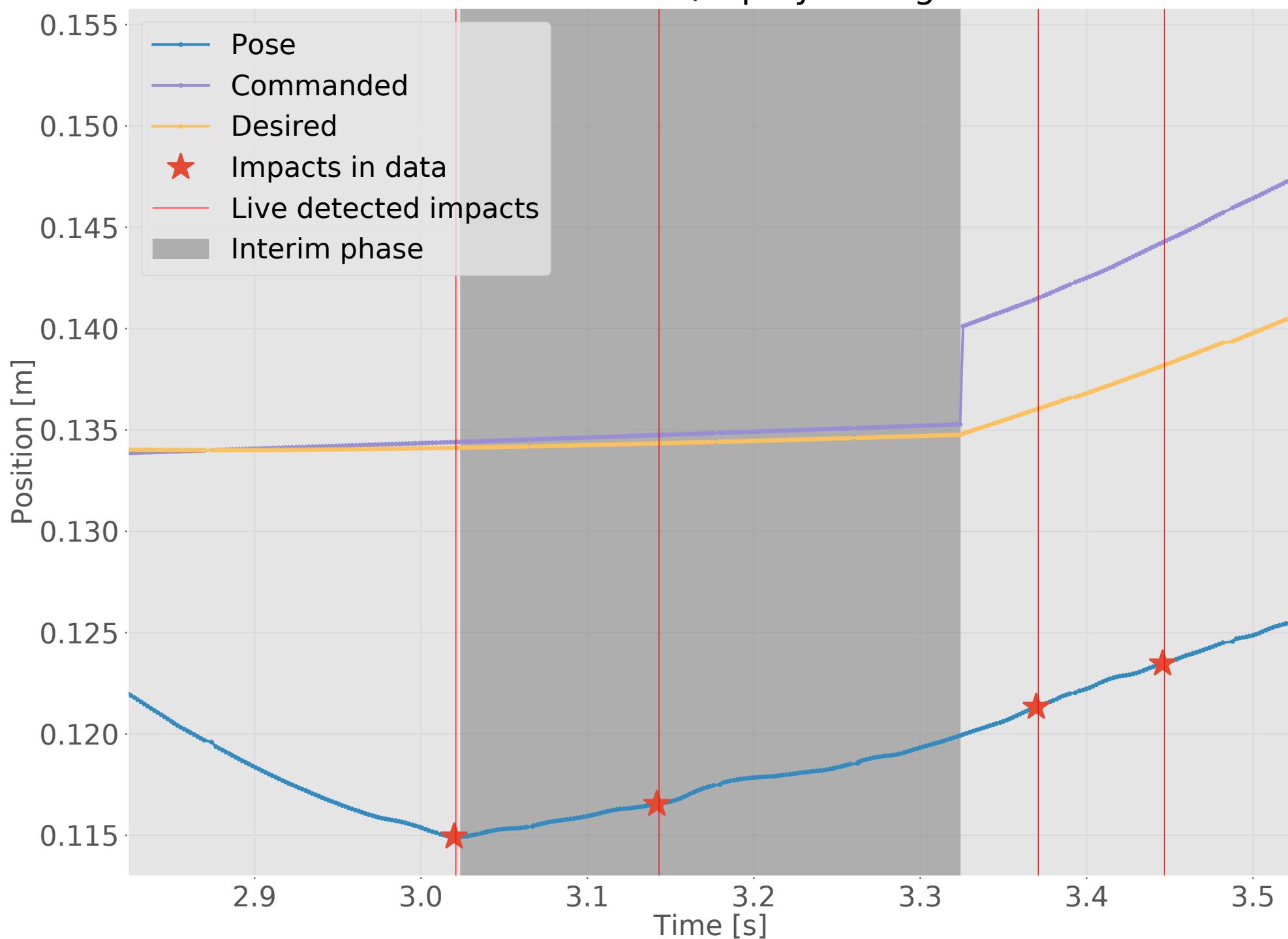
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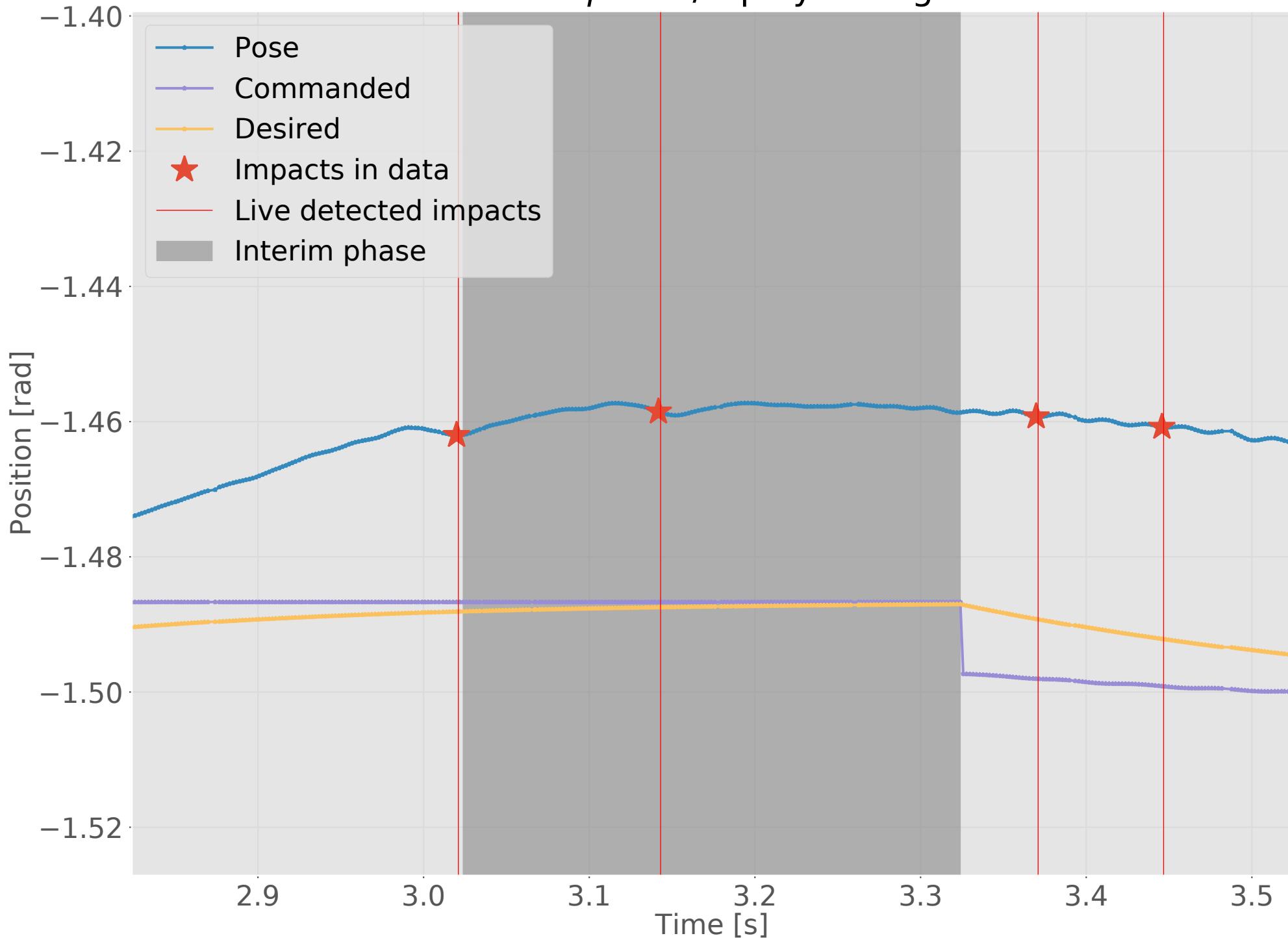
# Pose Y data/replay32.bag



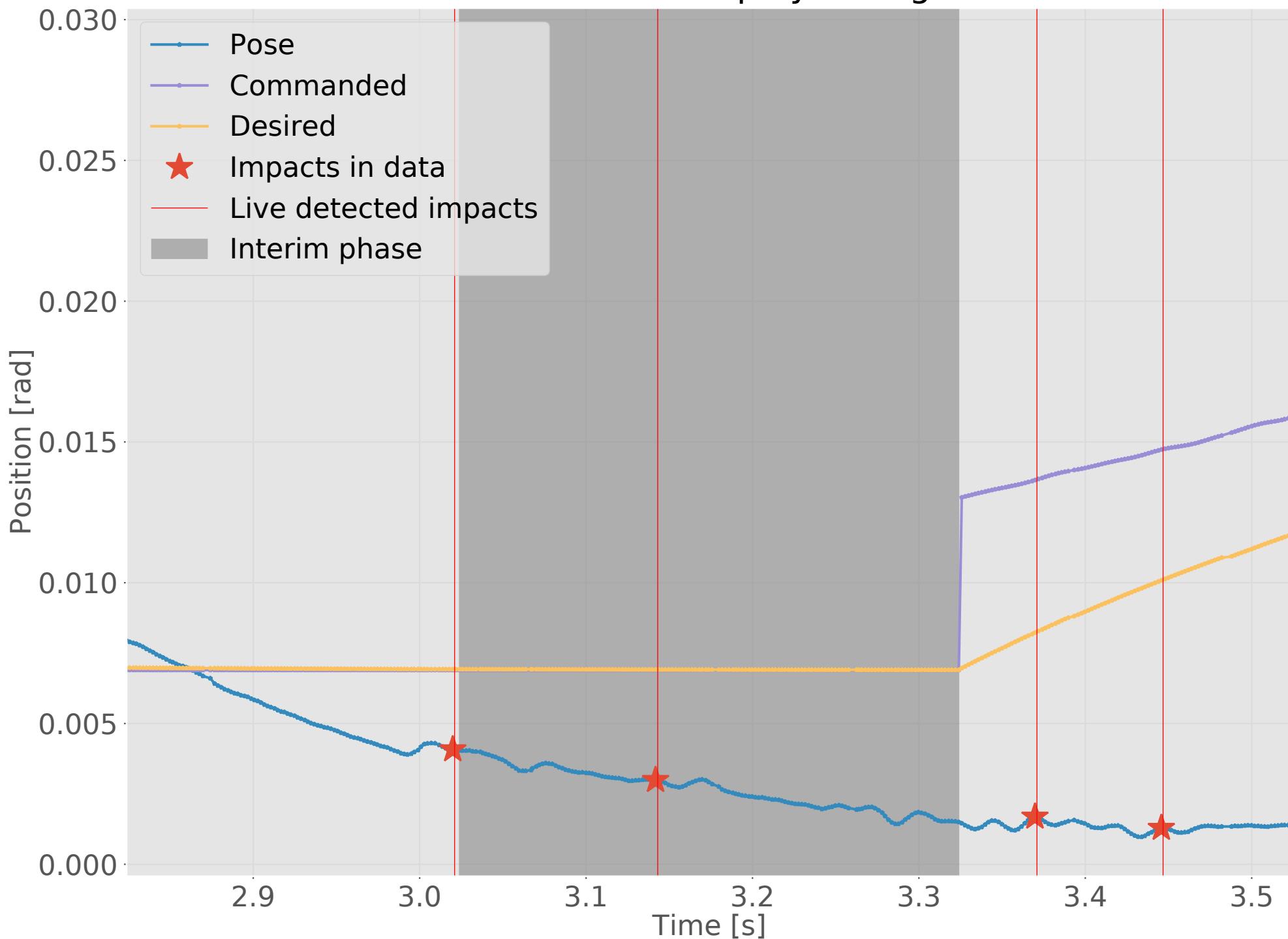
# Pose Z data/replay32.bag



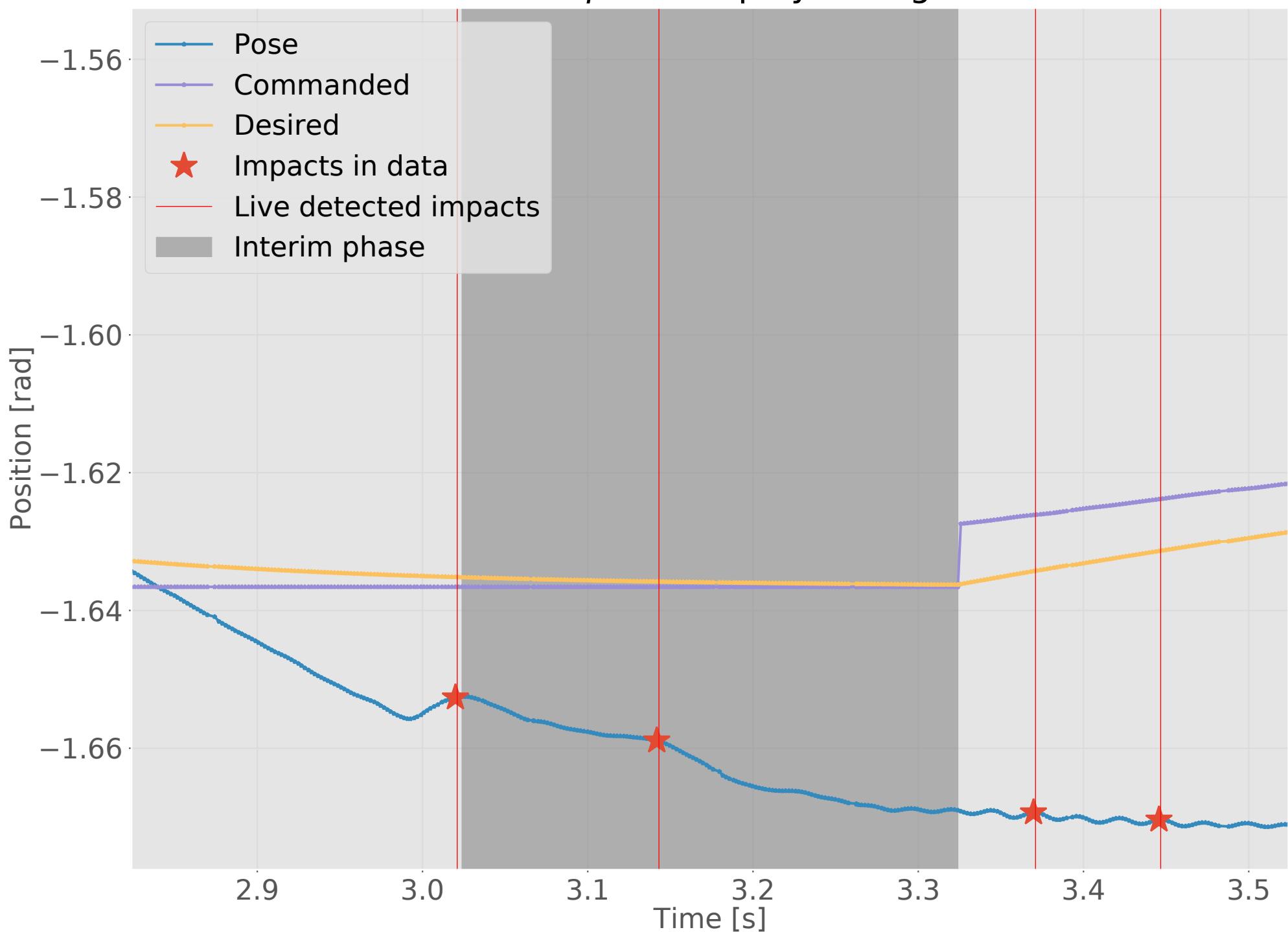
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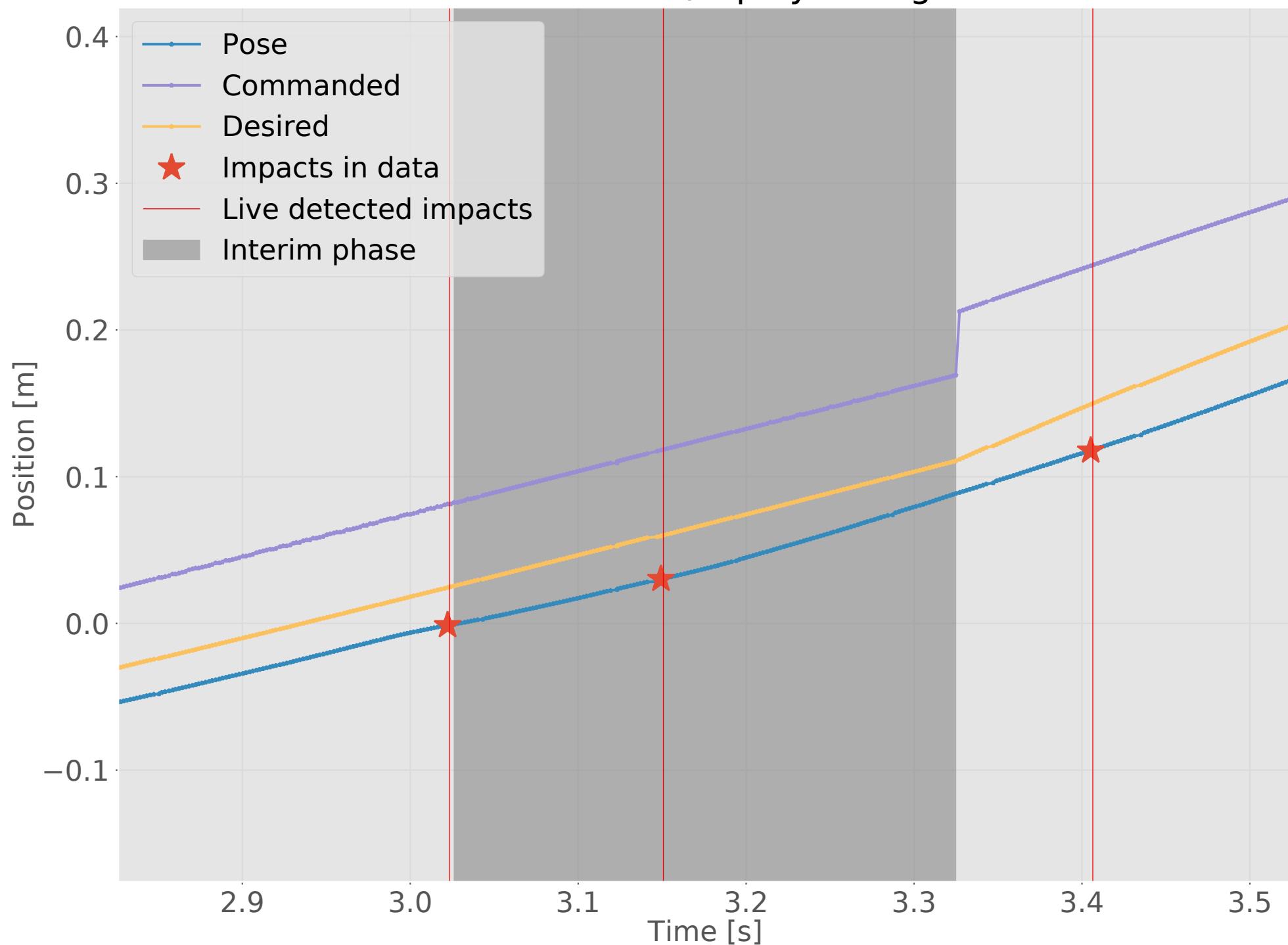
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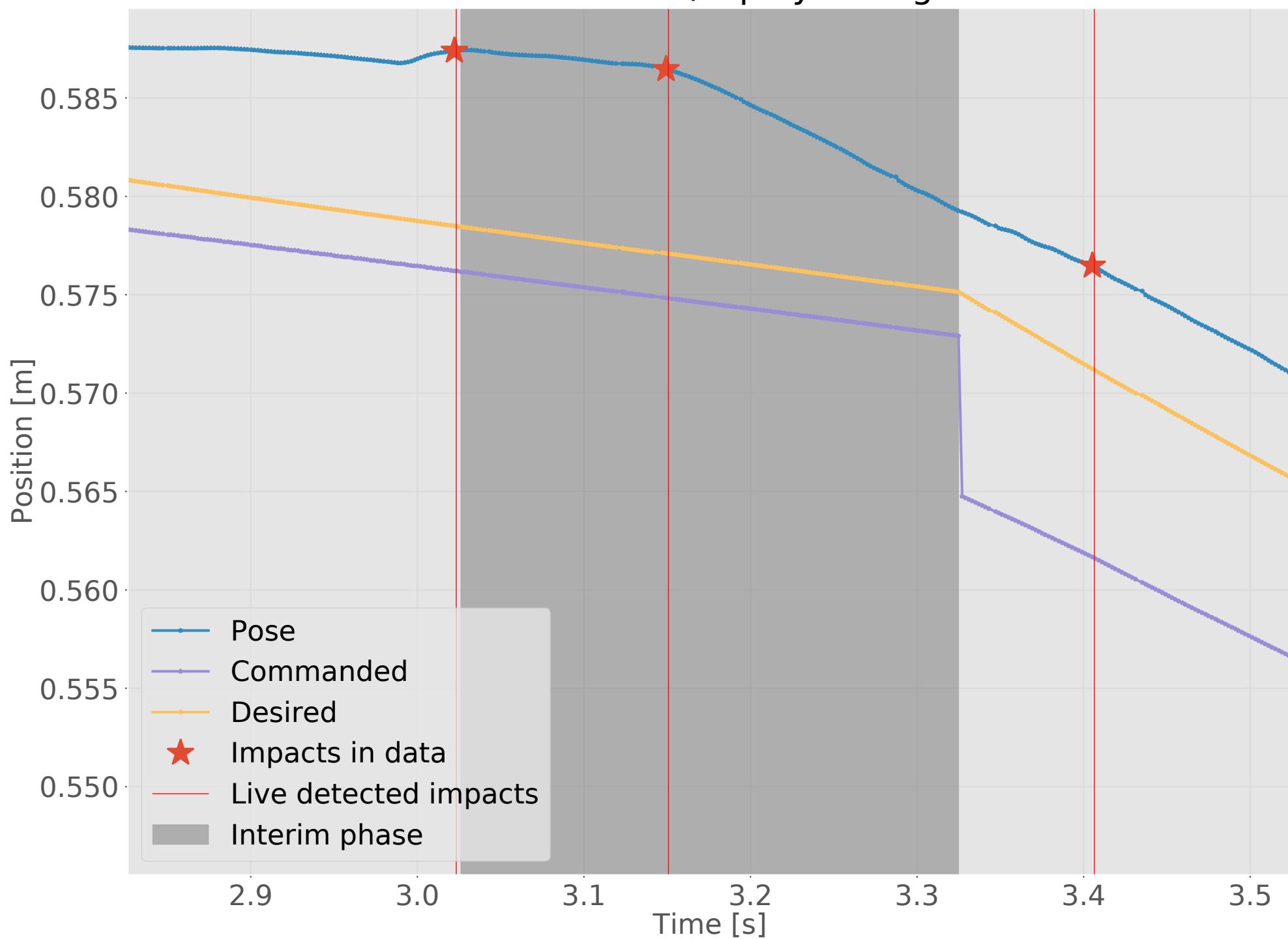
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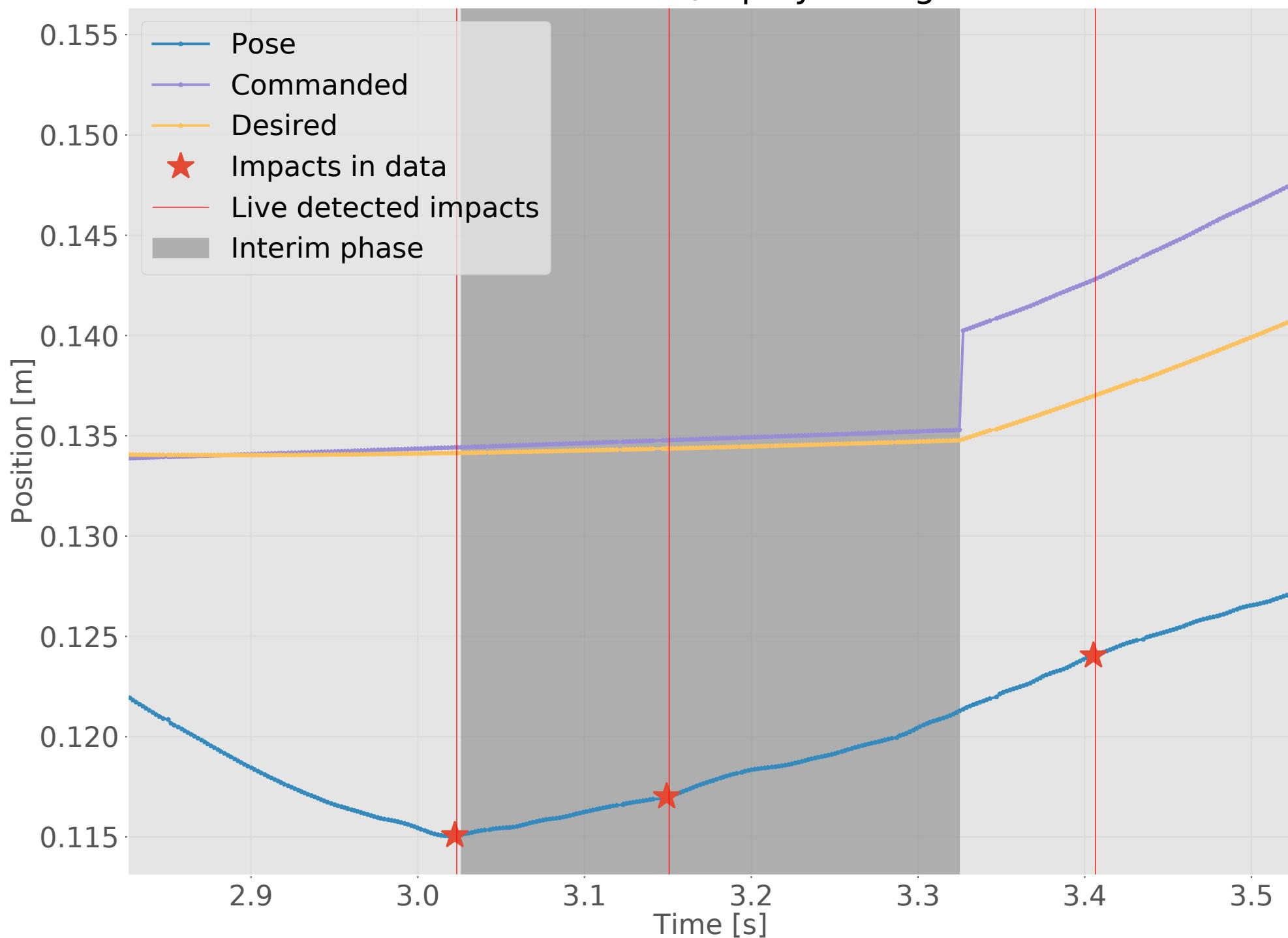
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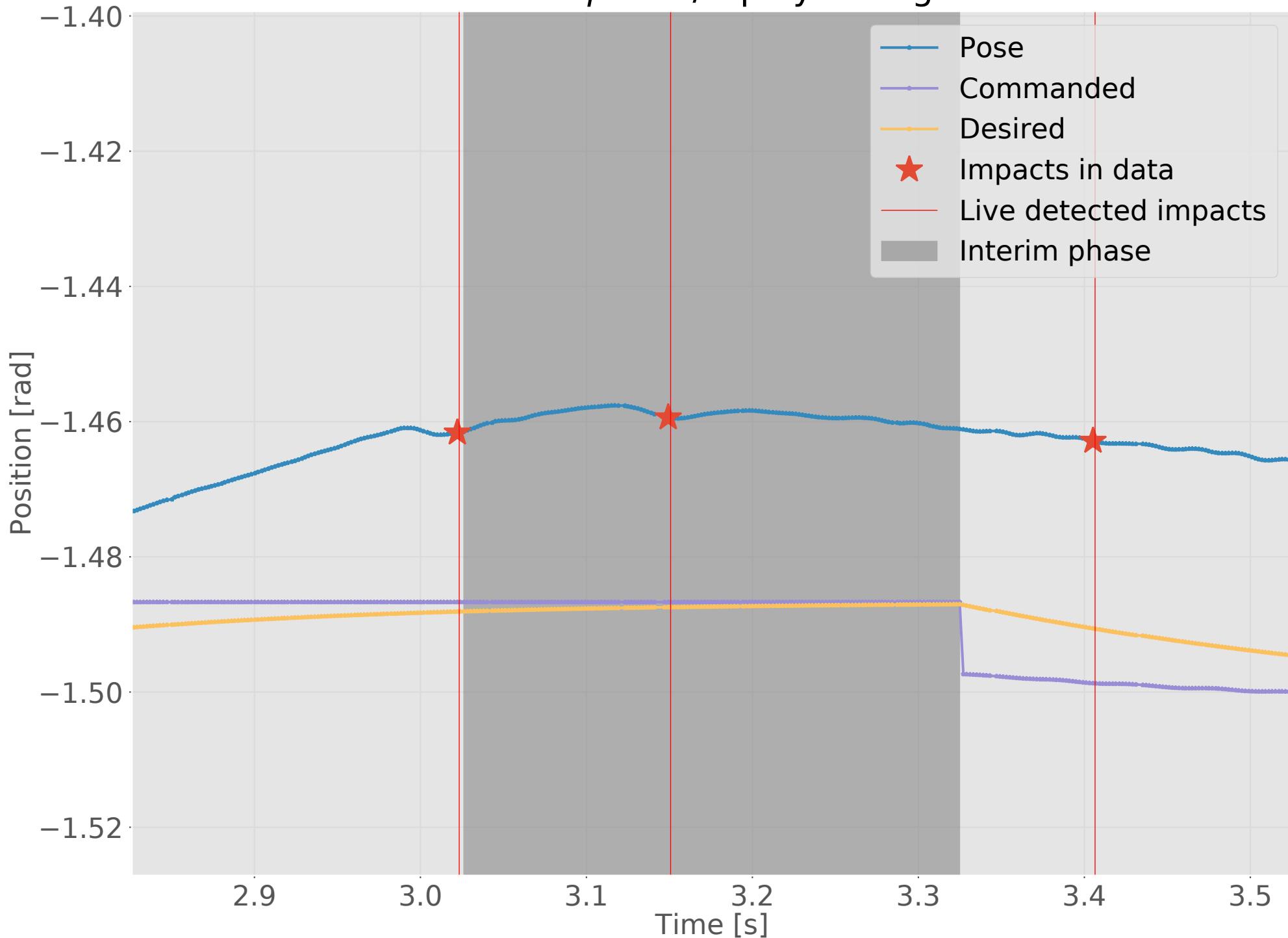
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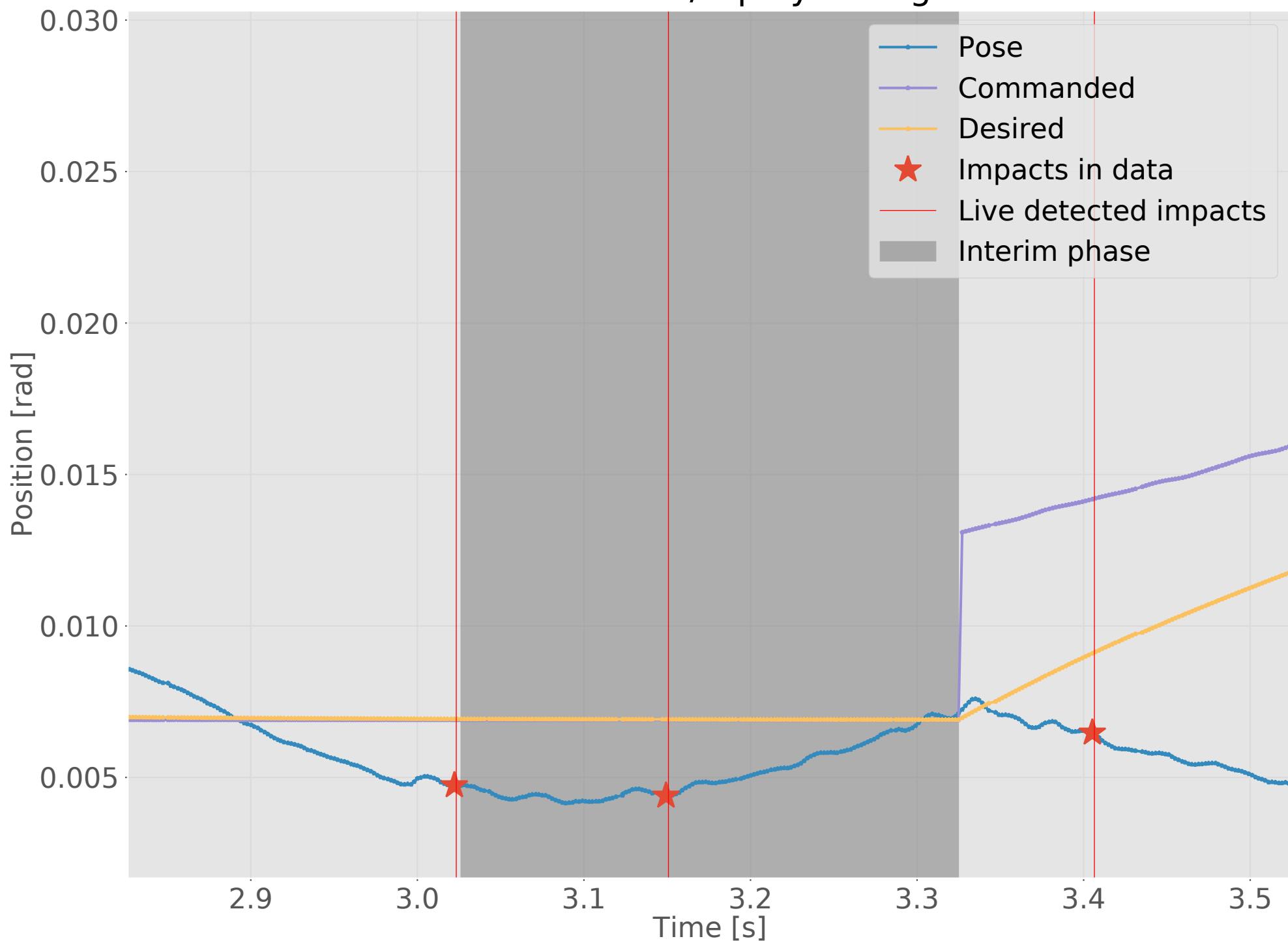
# Pose Z data/replay33.bag



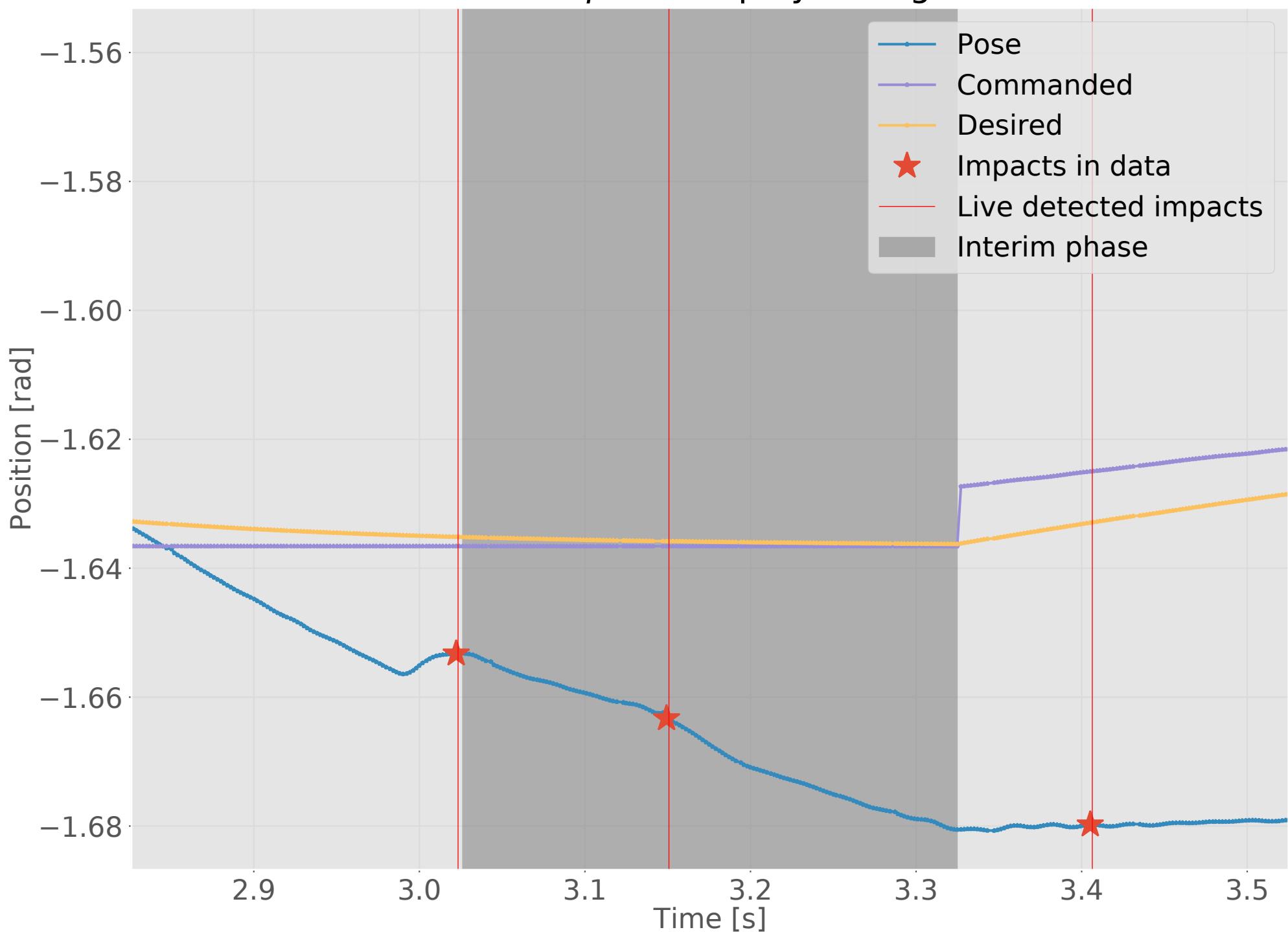
# Pose $\phi$ data/replay33.bag



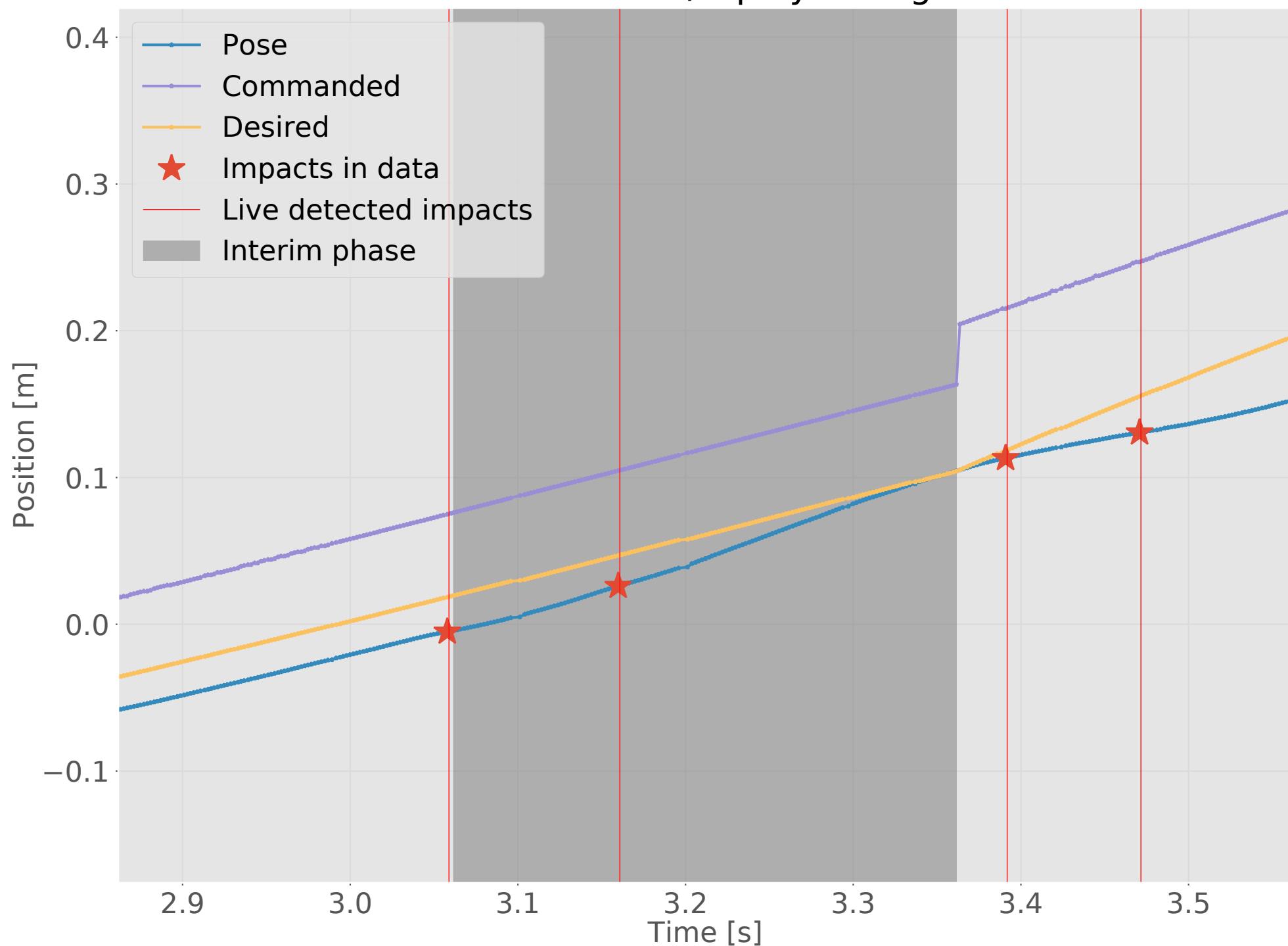
# Pose $\theta$ data/replay33.bag



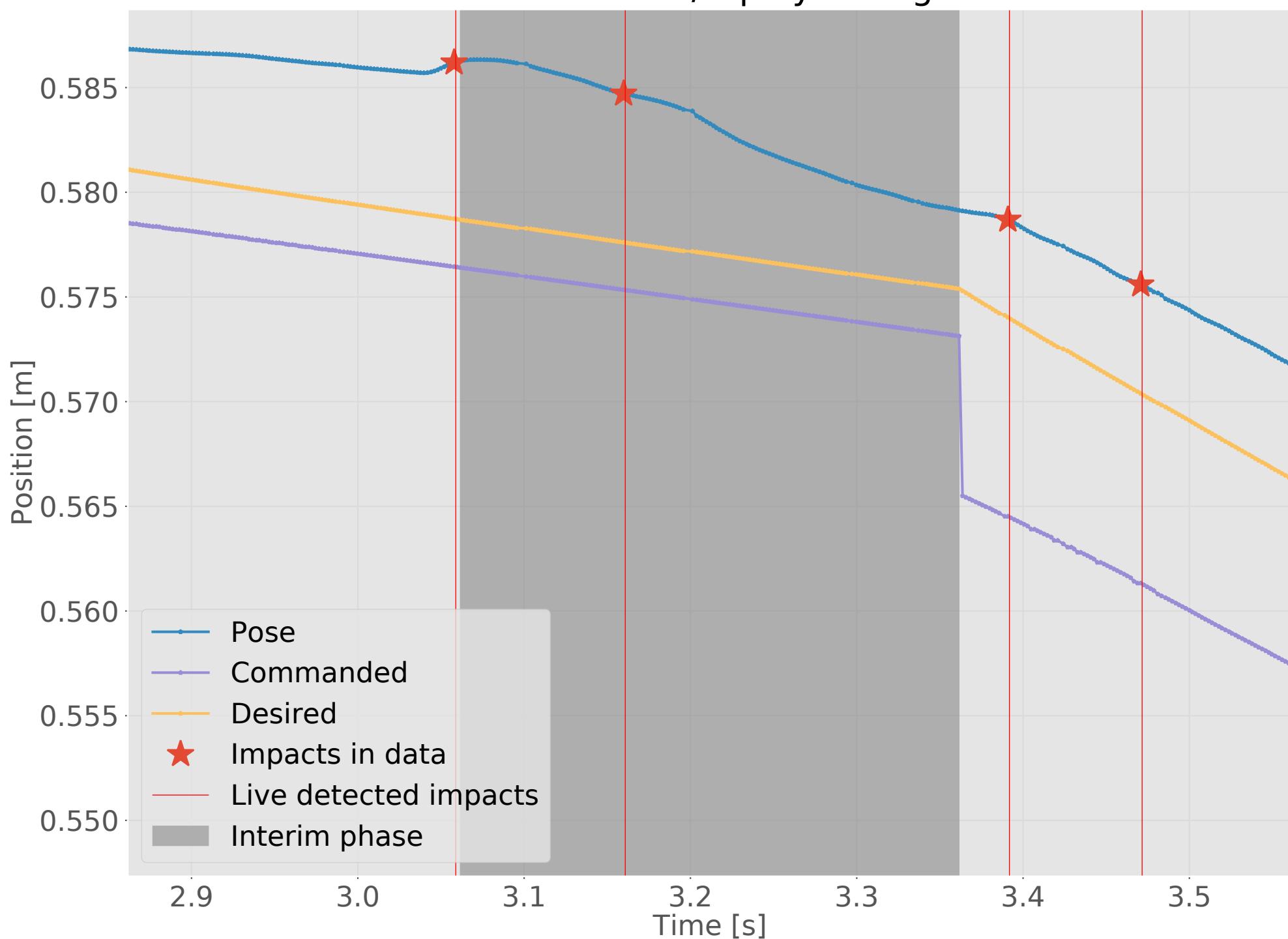
## Pose $\psi$ data/replay33.bag



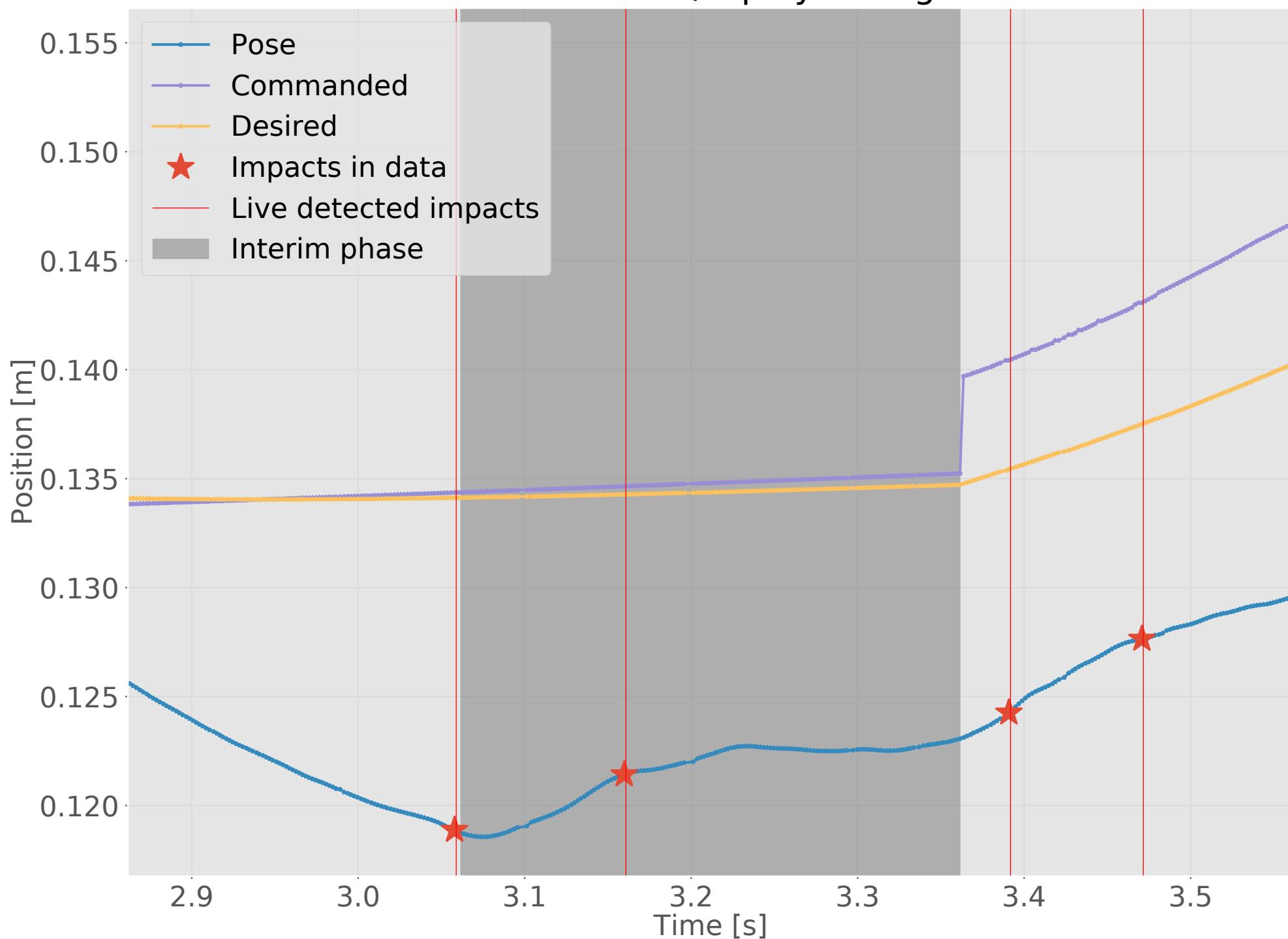
# Pose X data/replay34.bag



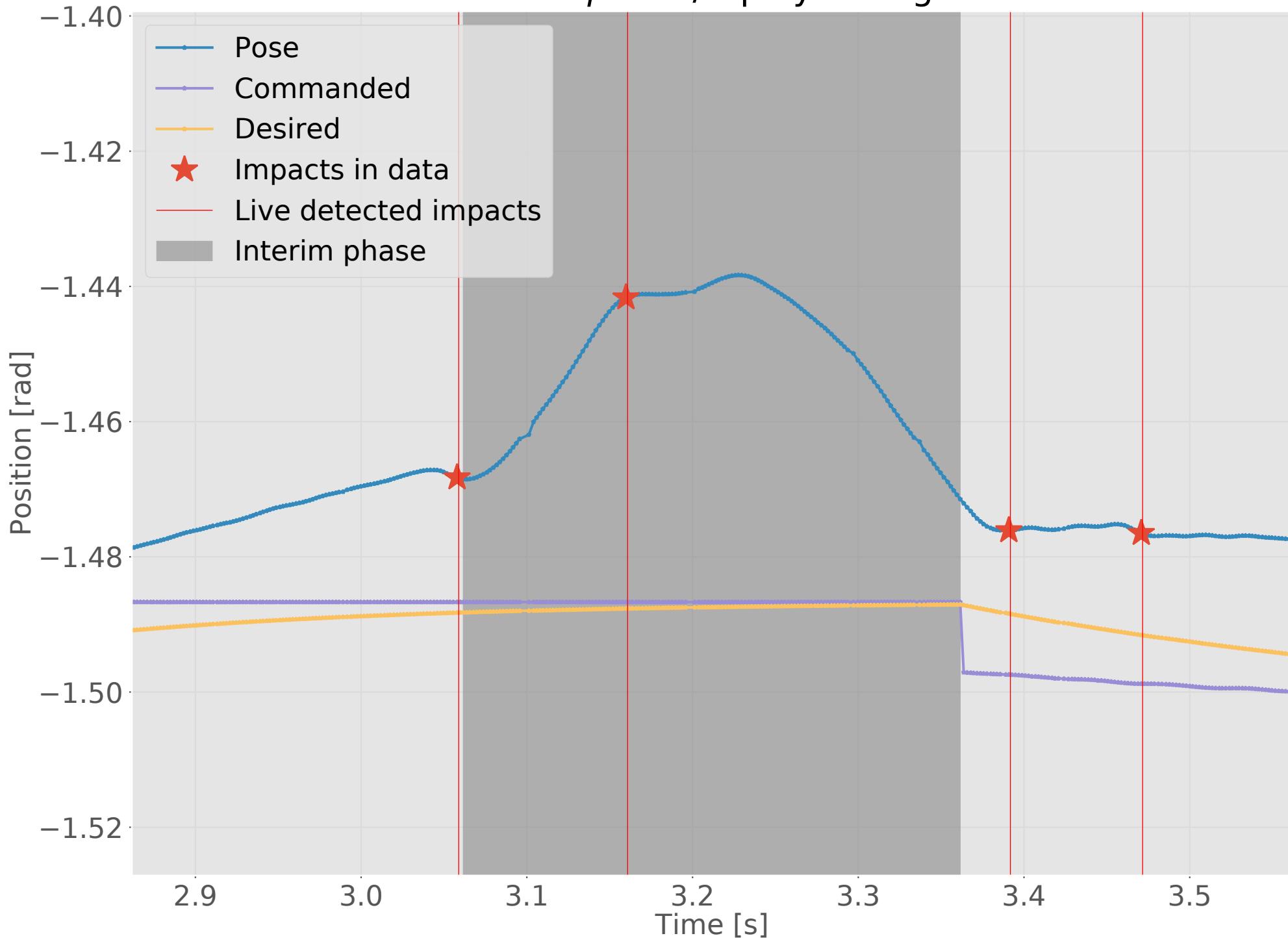
## Pose Y data/replay34.bag



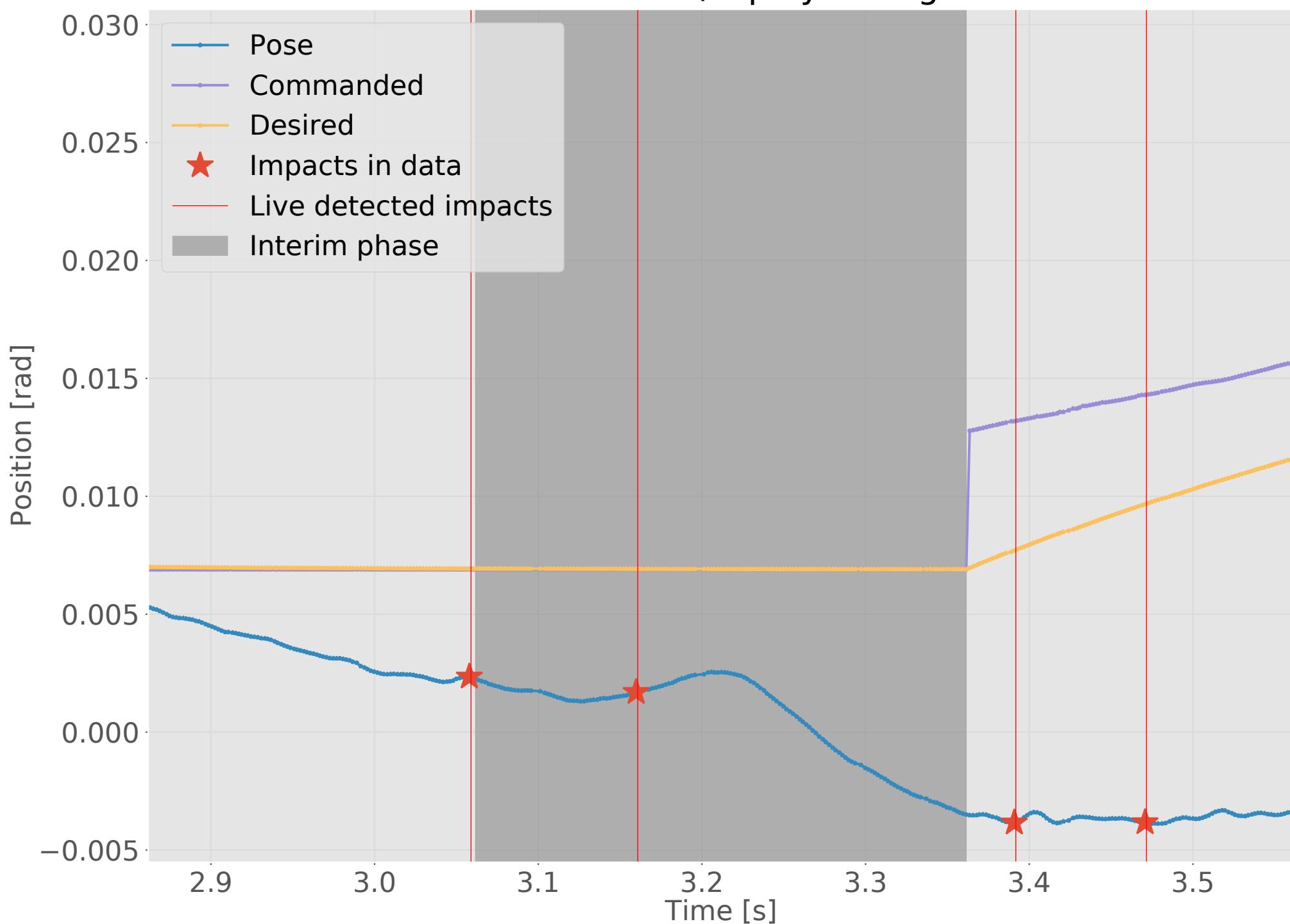
# Pose Z data/replay34.bag



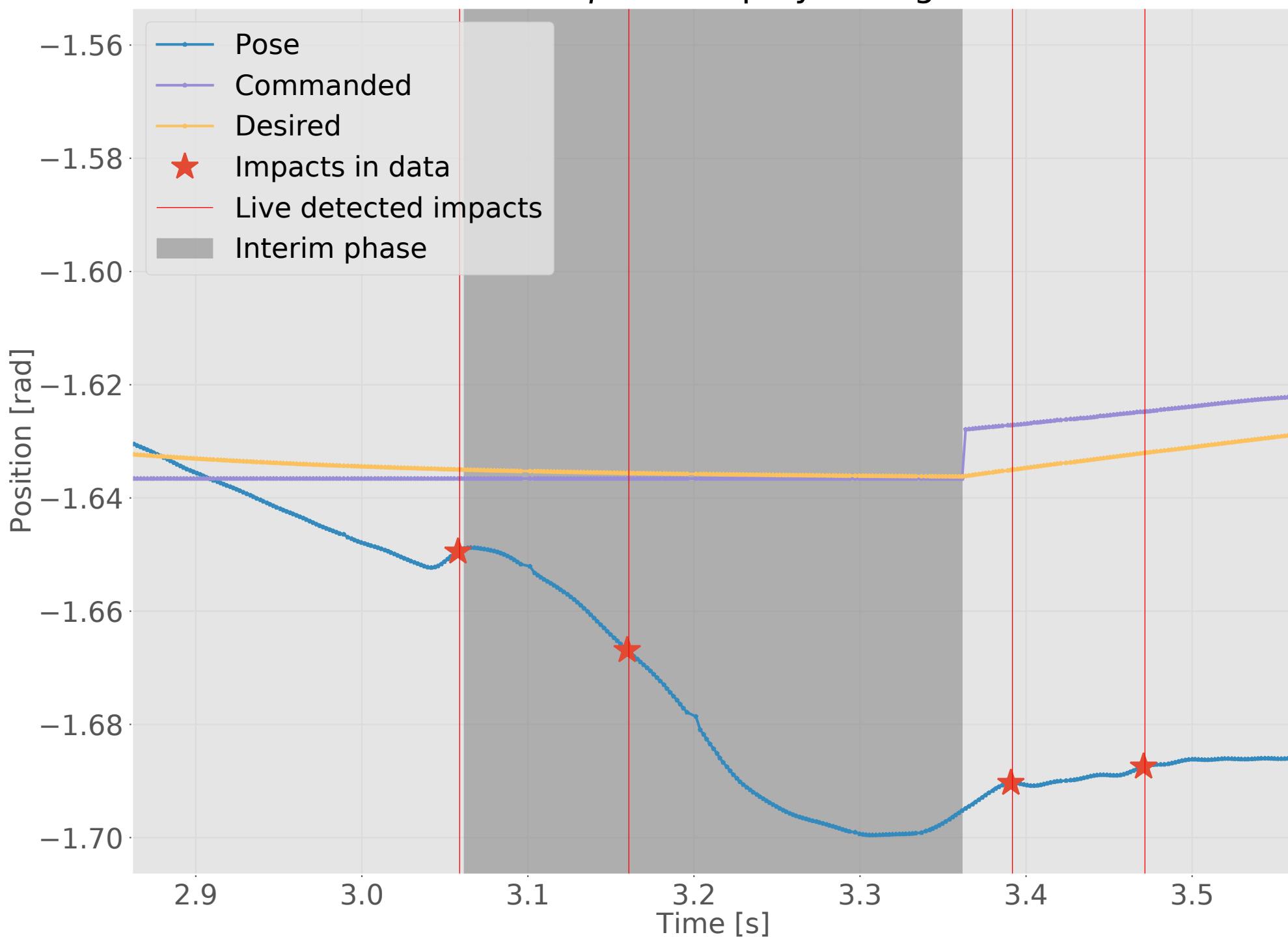
# Pose $\phi$ data/replay34.bag



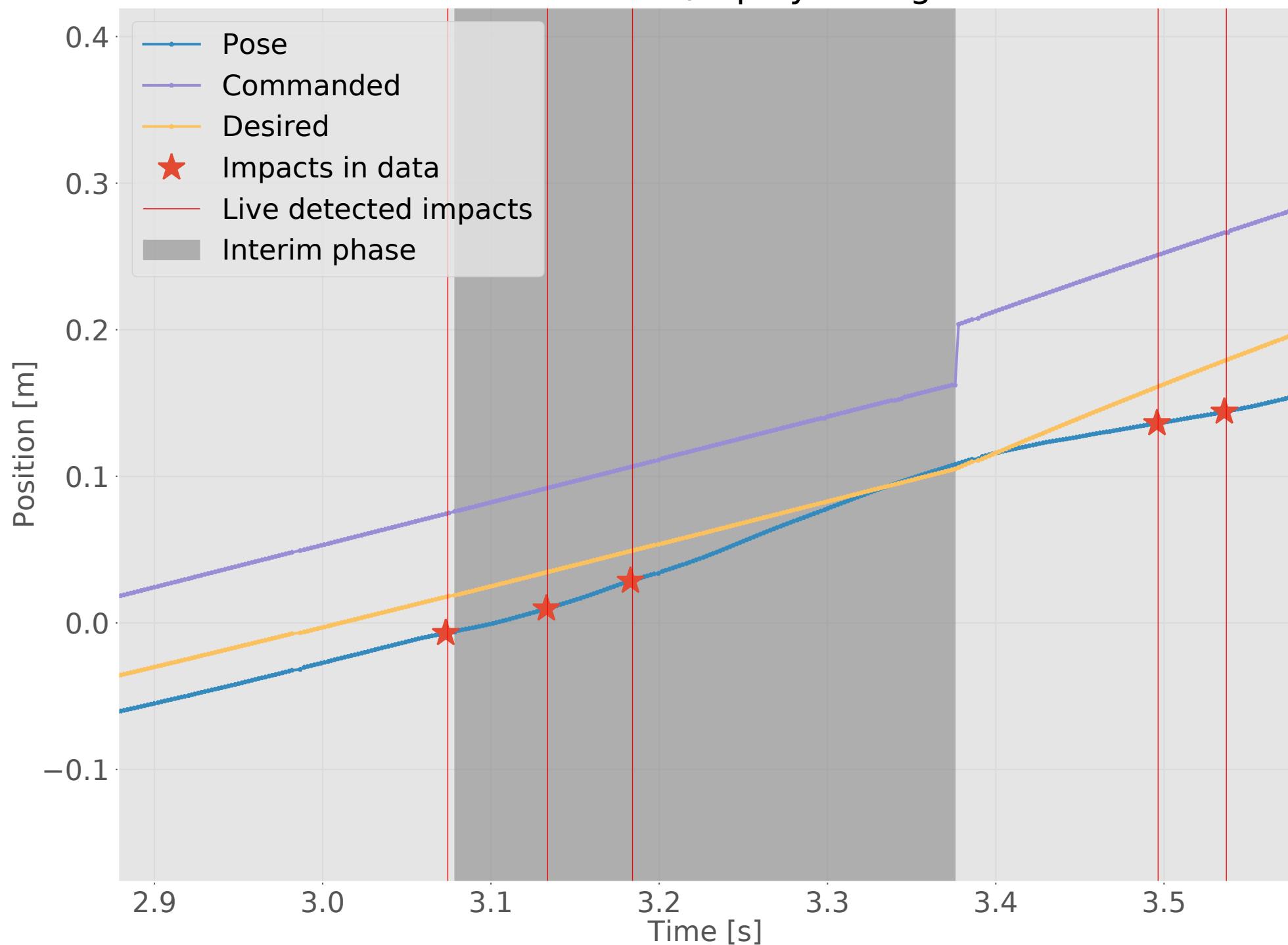
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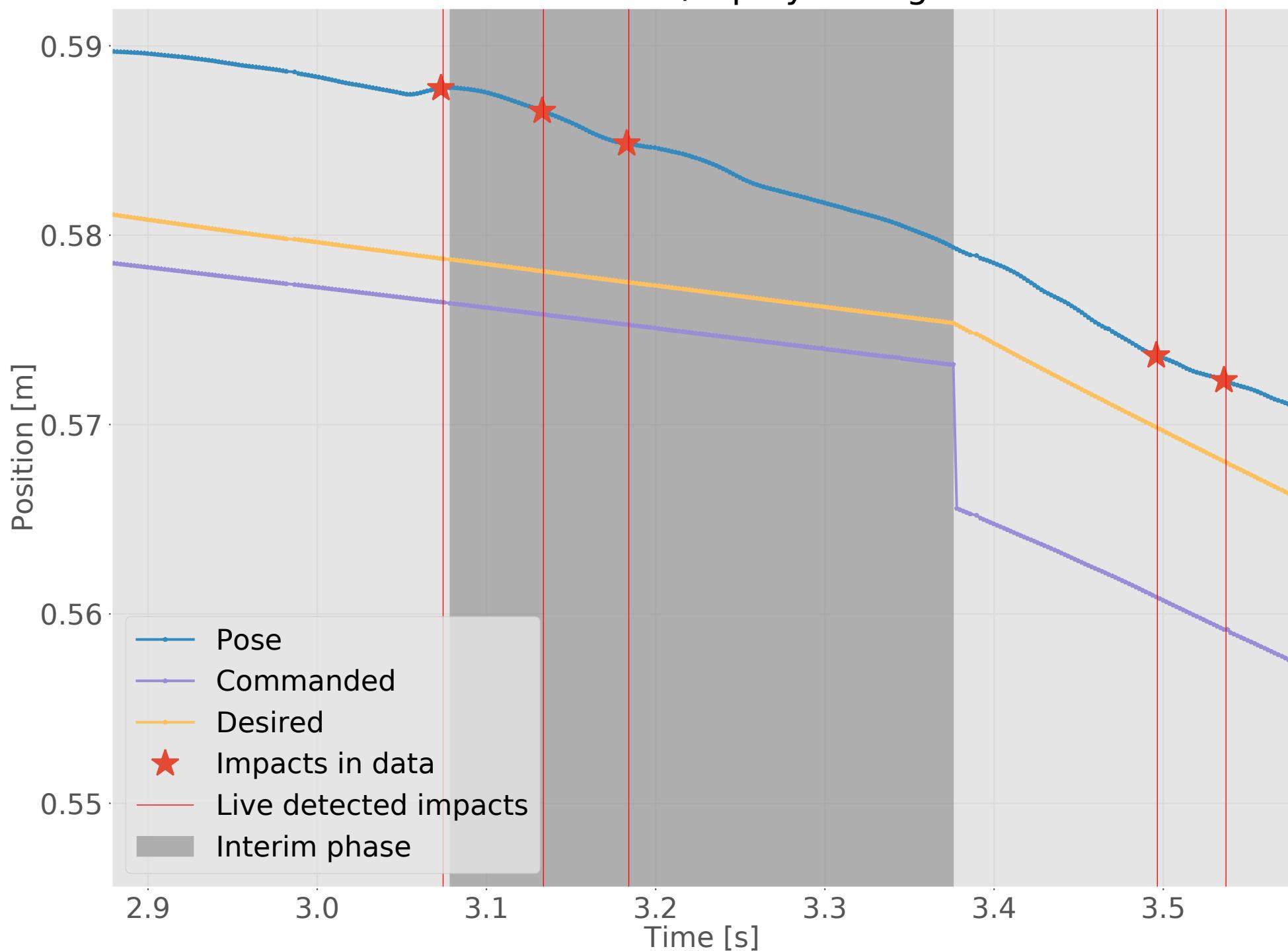
# Pose $\psi$ data/replay34.bag



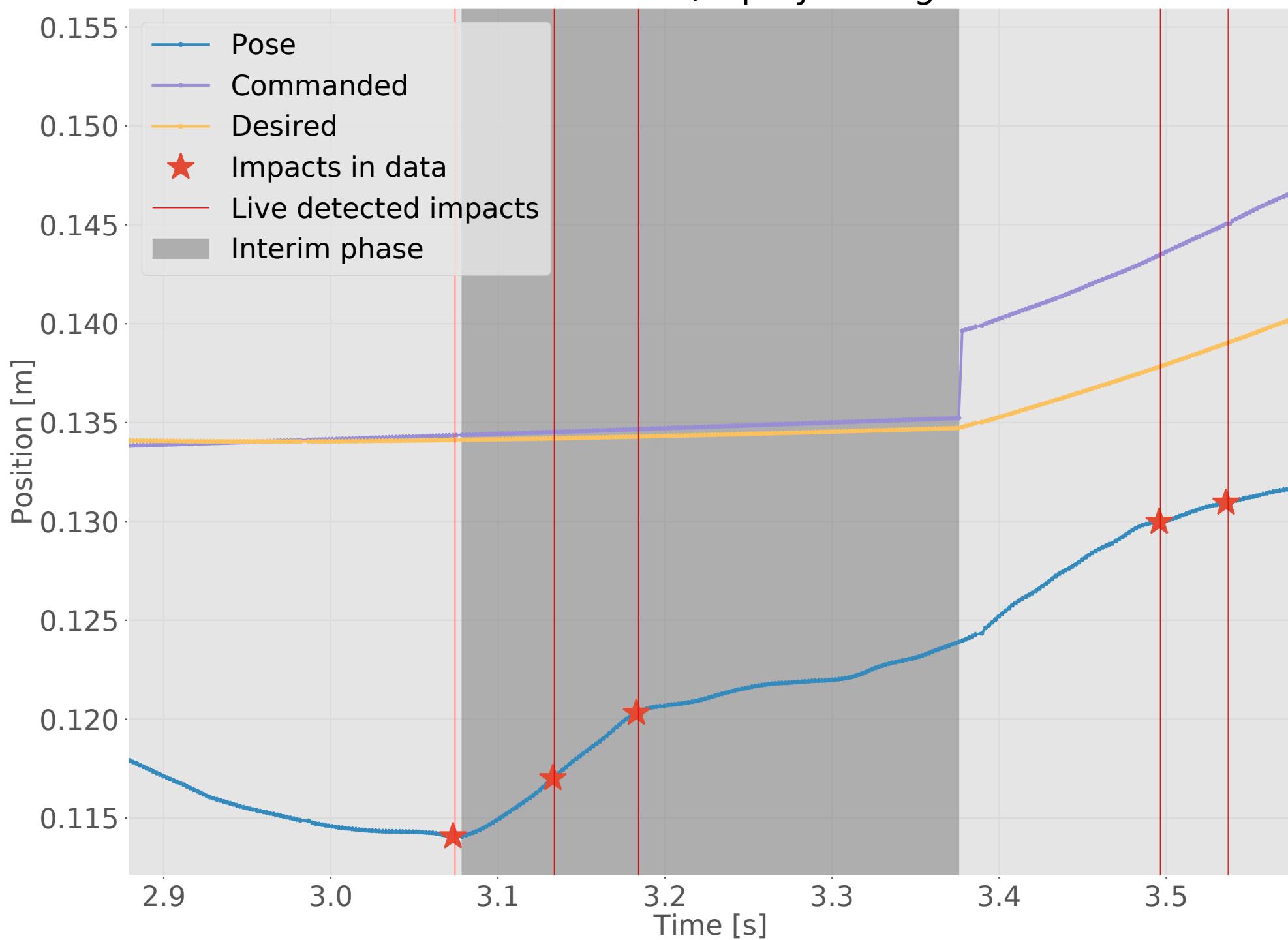
# Pose X data/replay35.bag



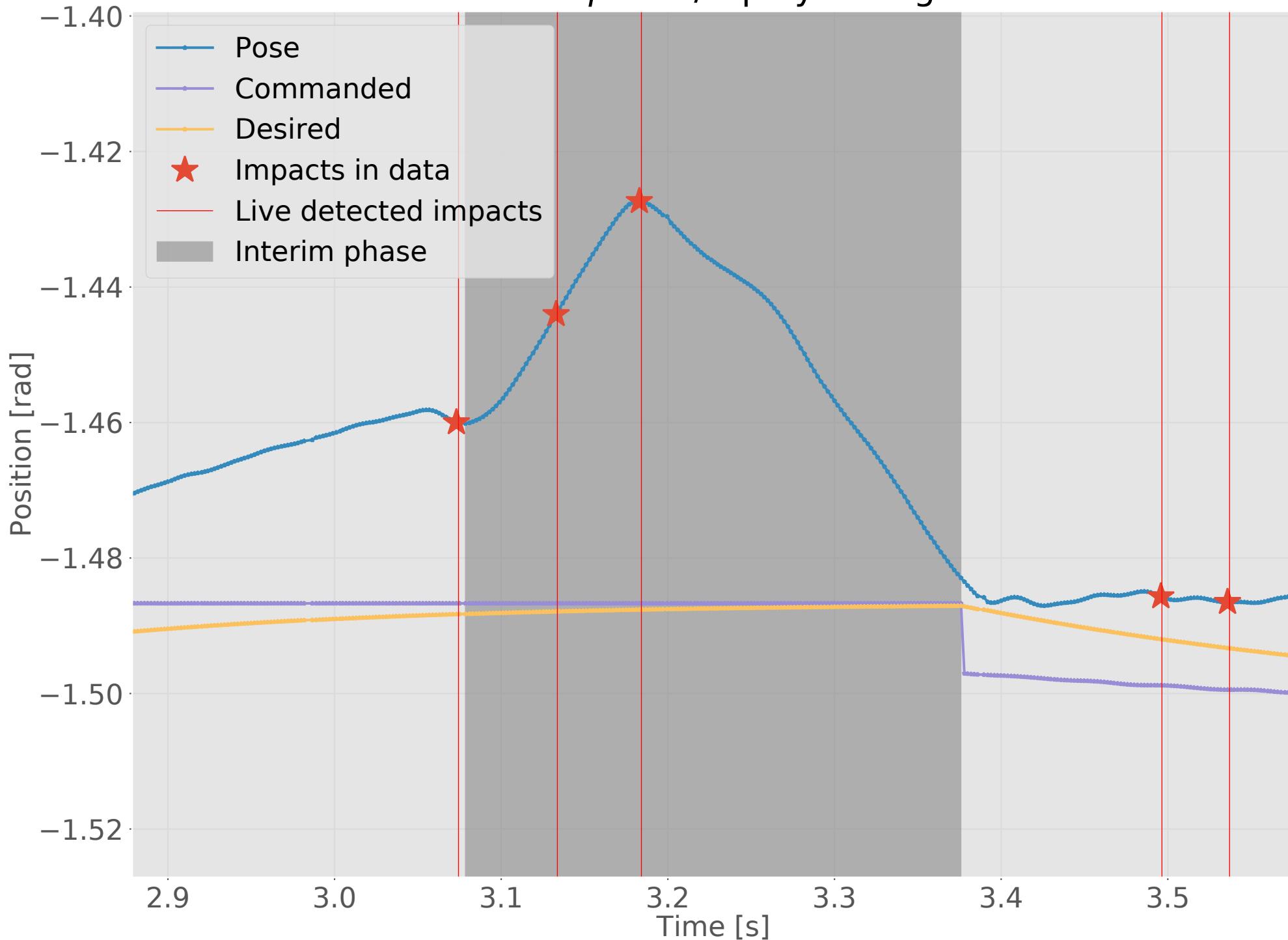
## Pose Y data/replay35.bag



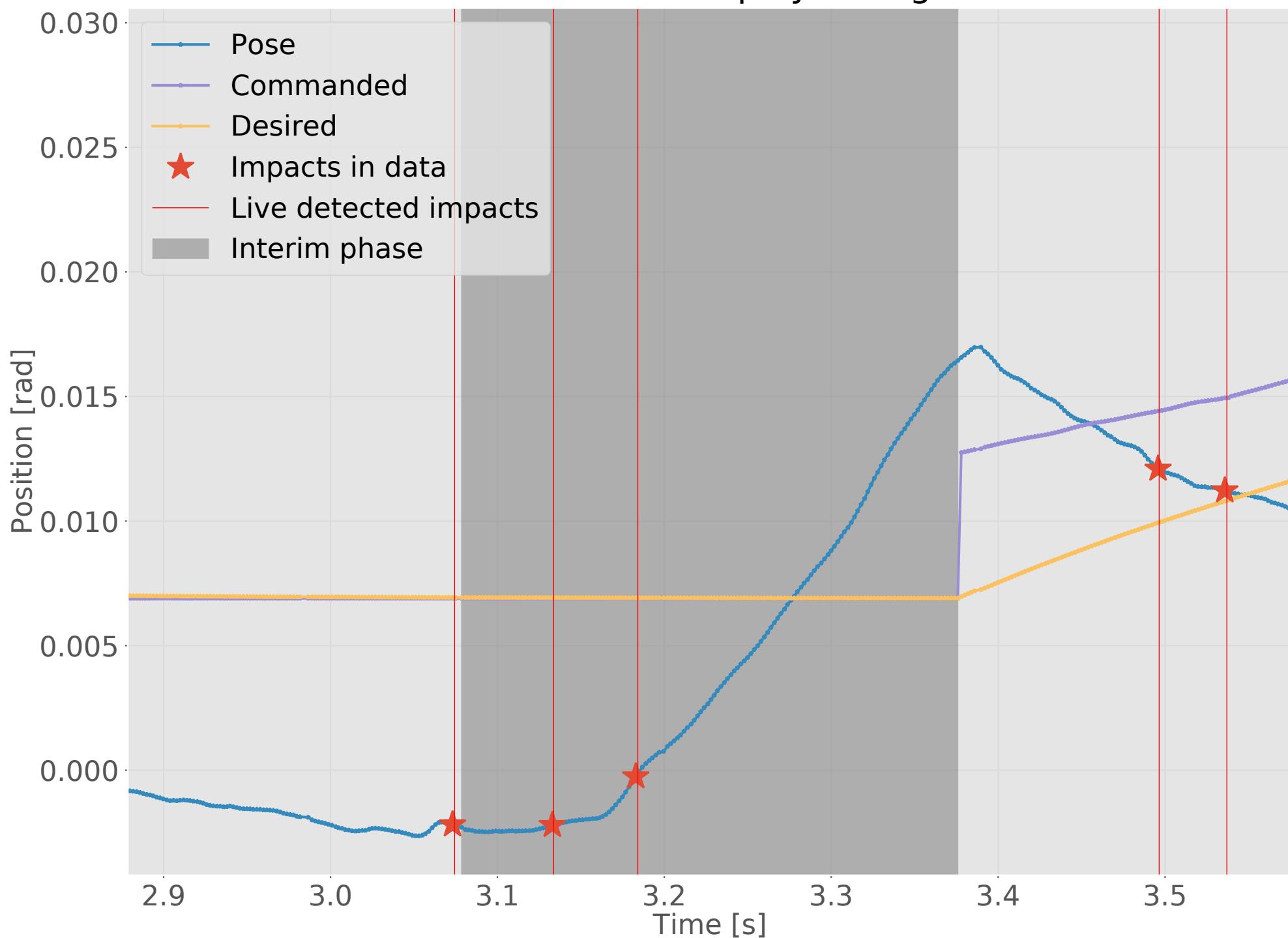
# Pose Z data/replay35.bag



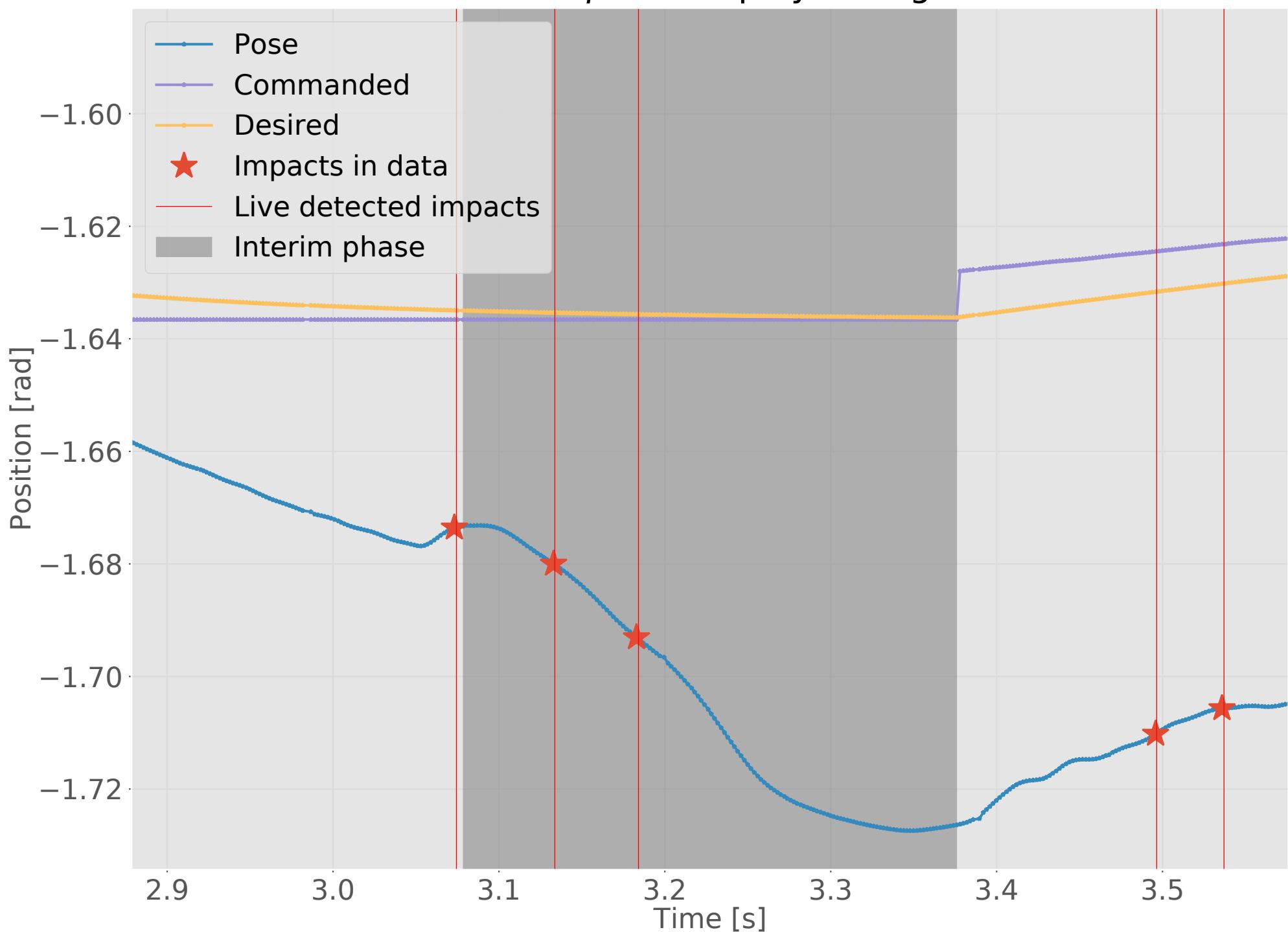
# Pose $\phi$ data/replay35.bag



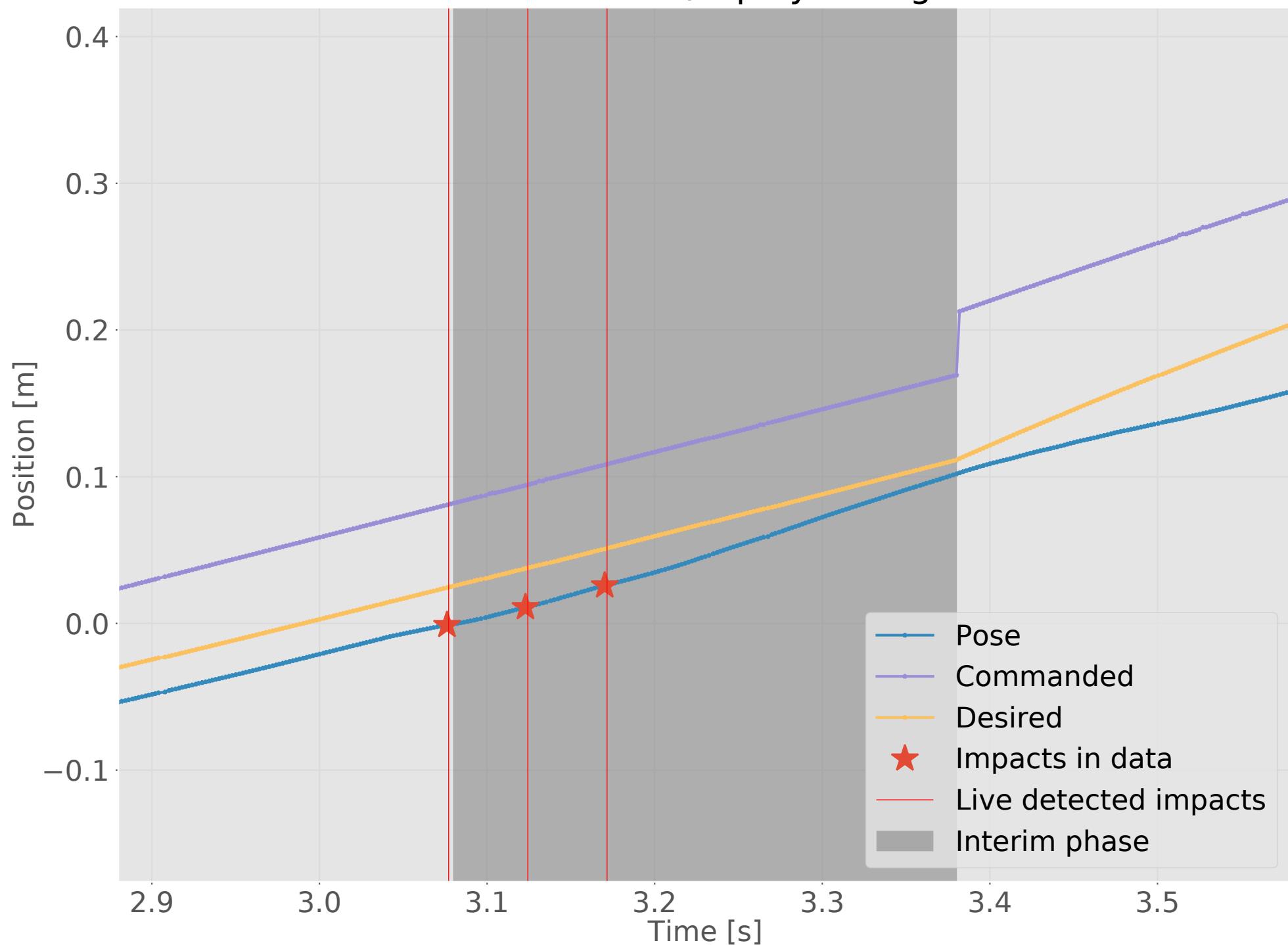
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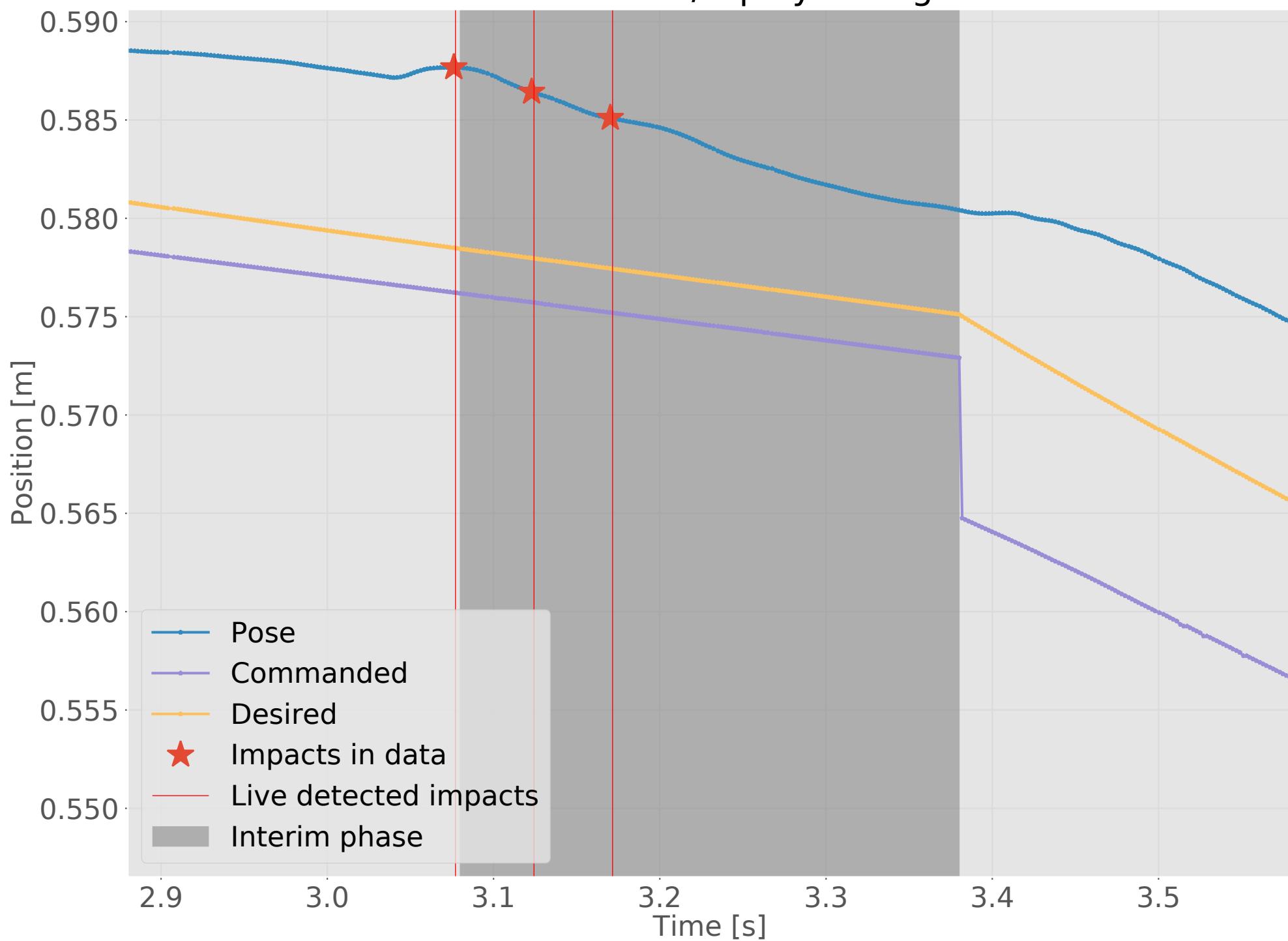
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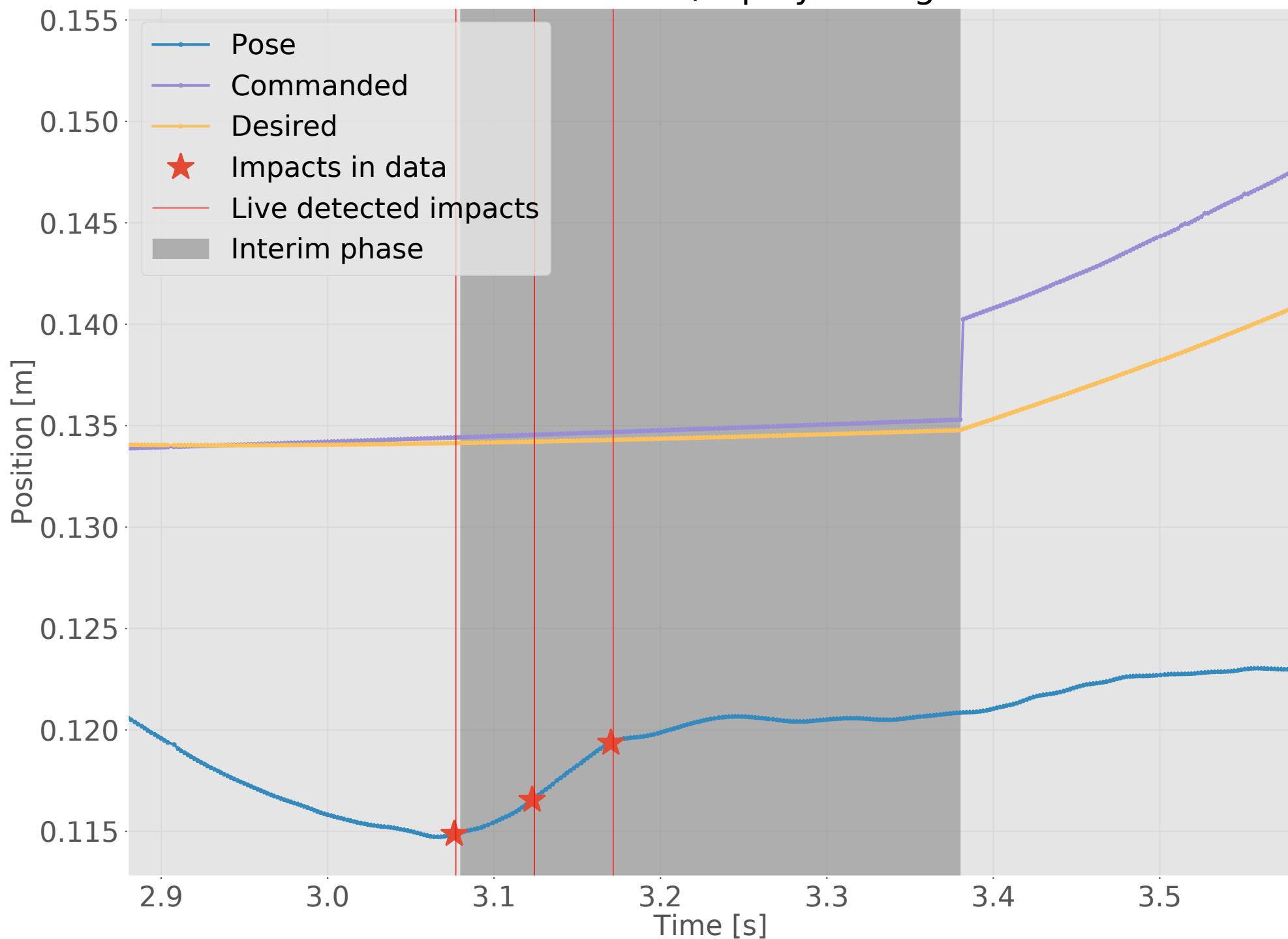
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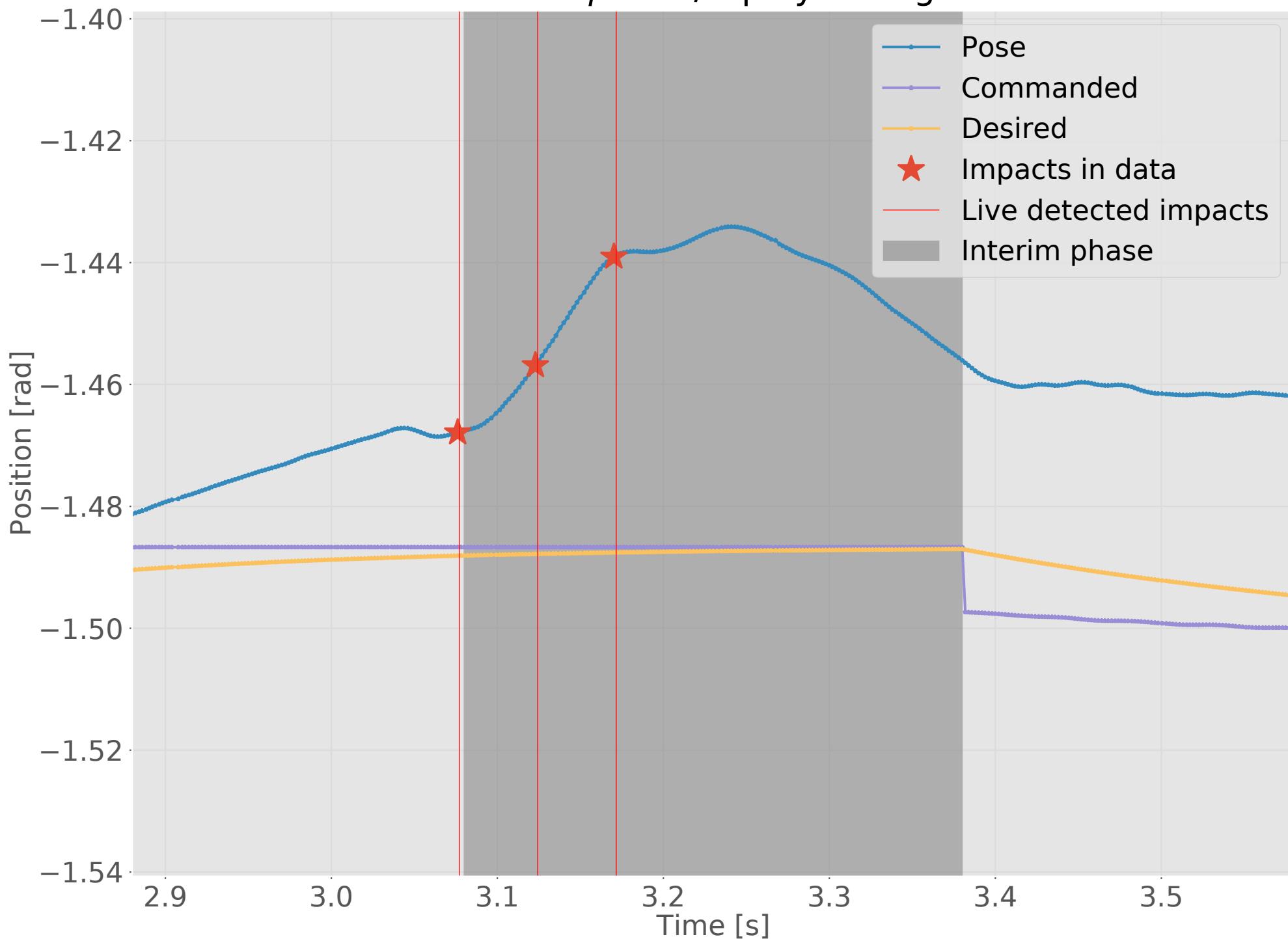
## Pose Y data/replay36.bag



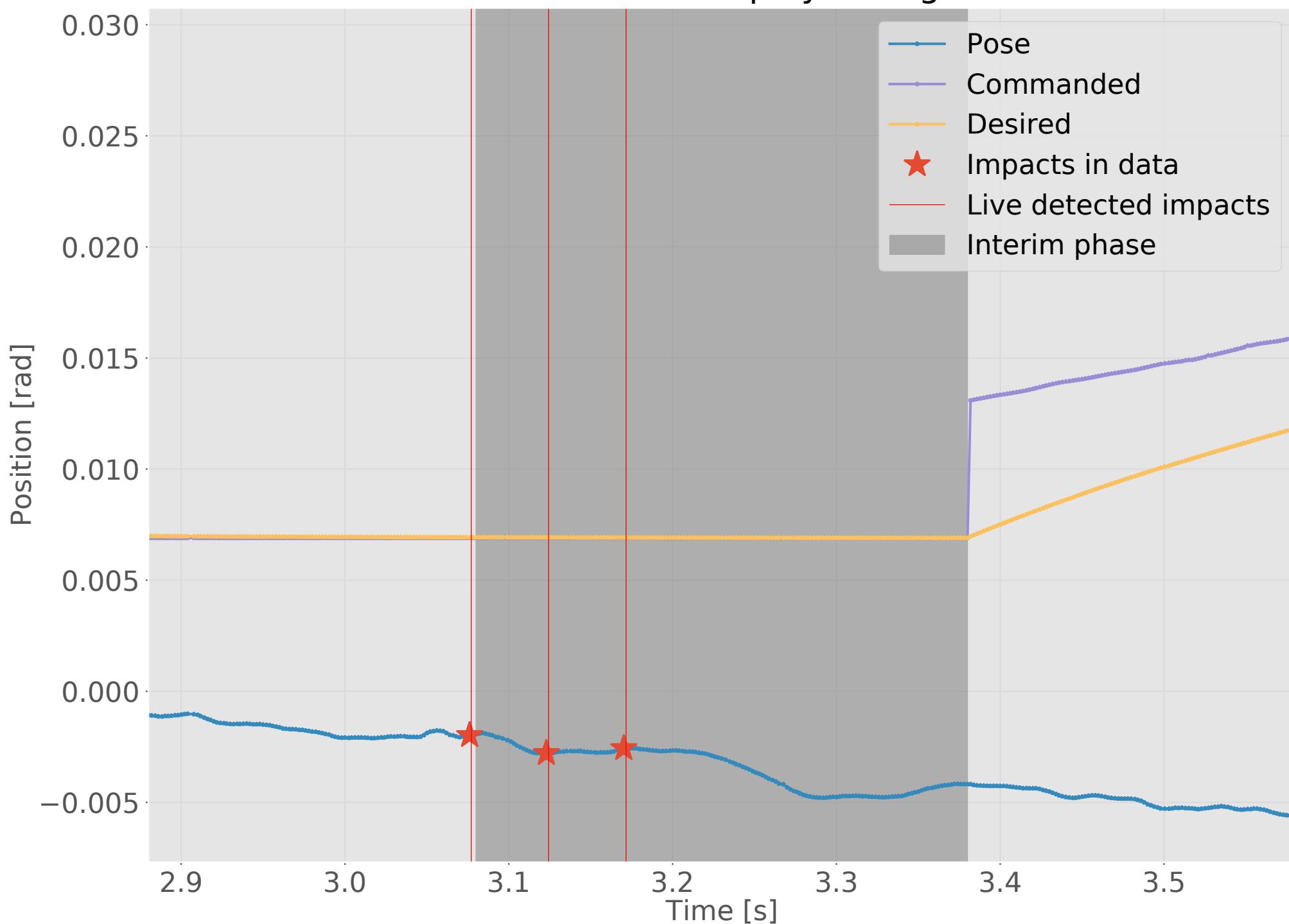
# Pose Z data/replay36.bag



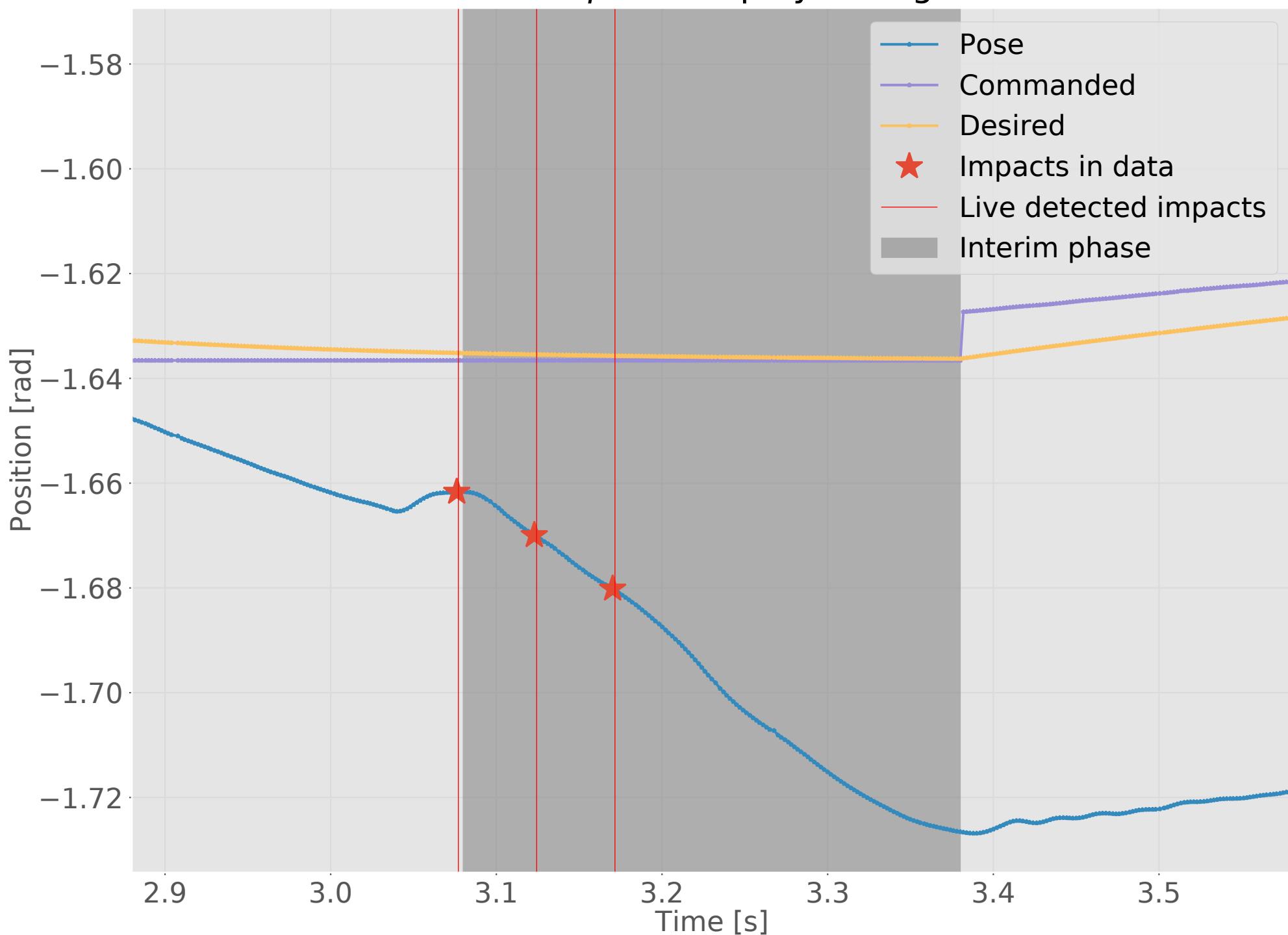
# Pose $\phi$ data/replay36.bag



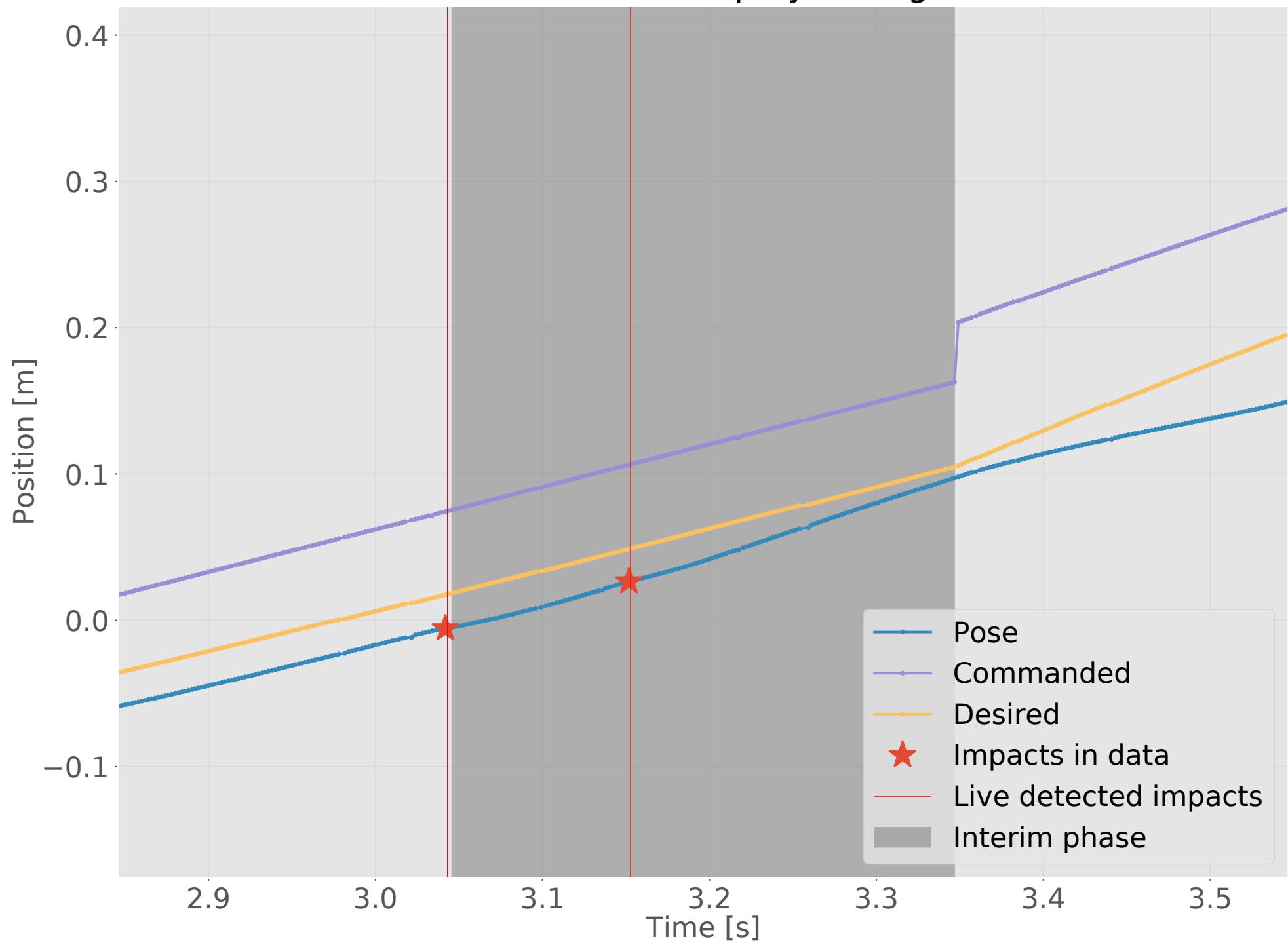
# Pose $\theta$ data/replay36.bag



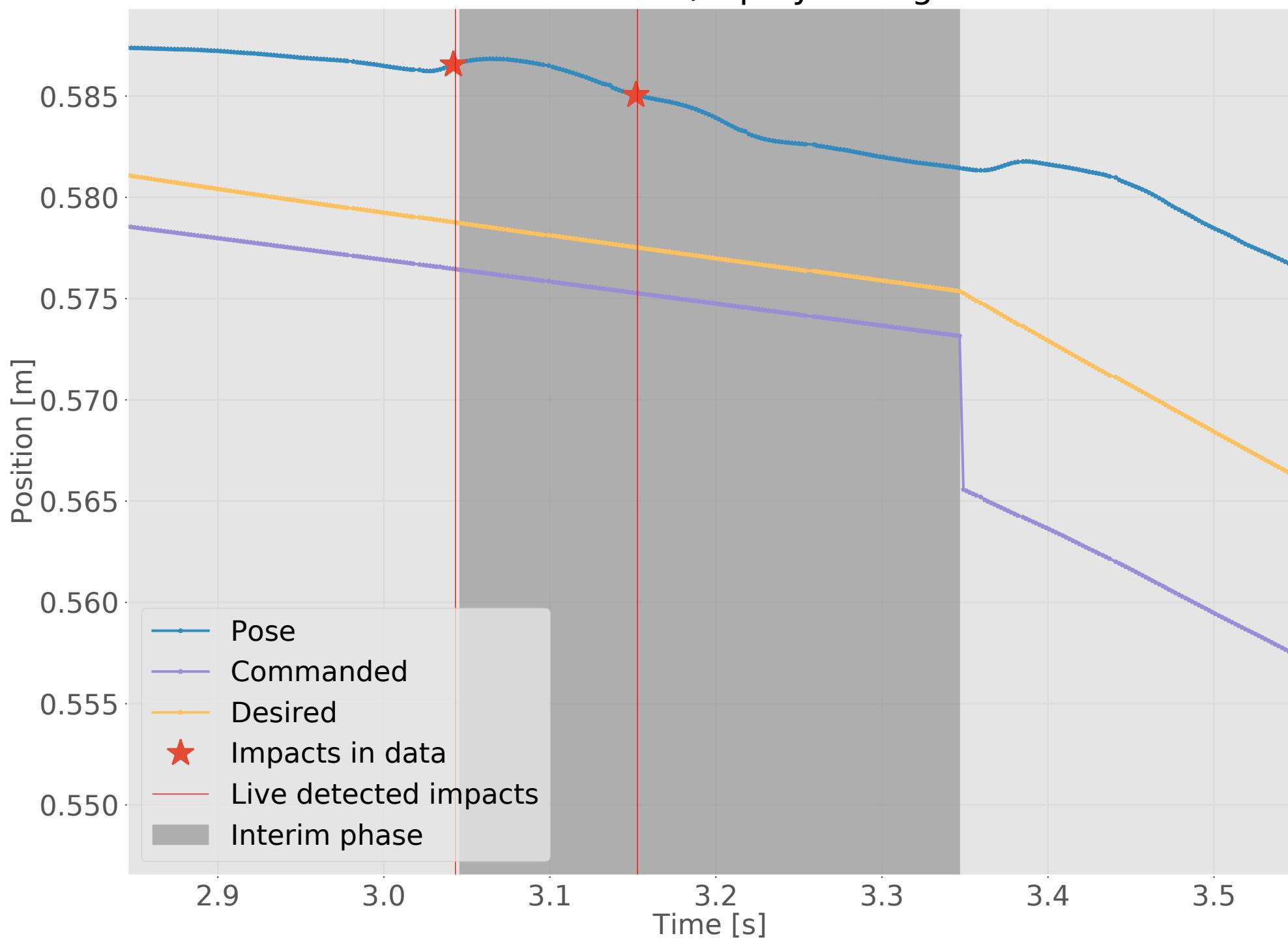
## Pose $\psi$ data/replay36.bag



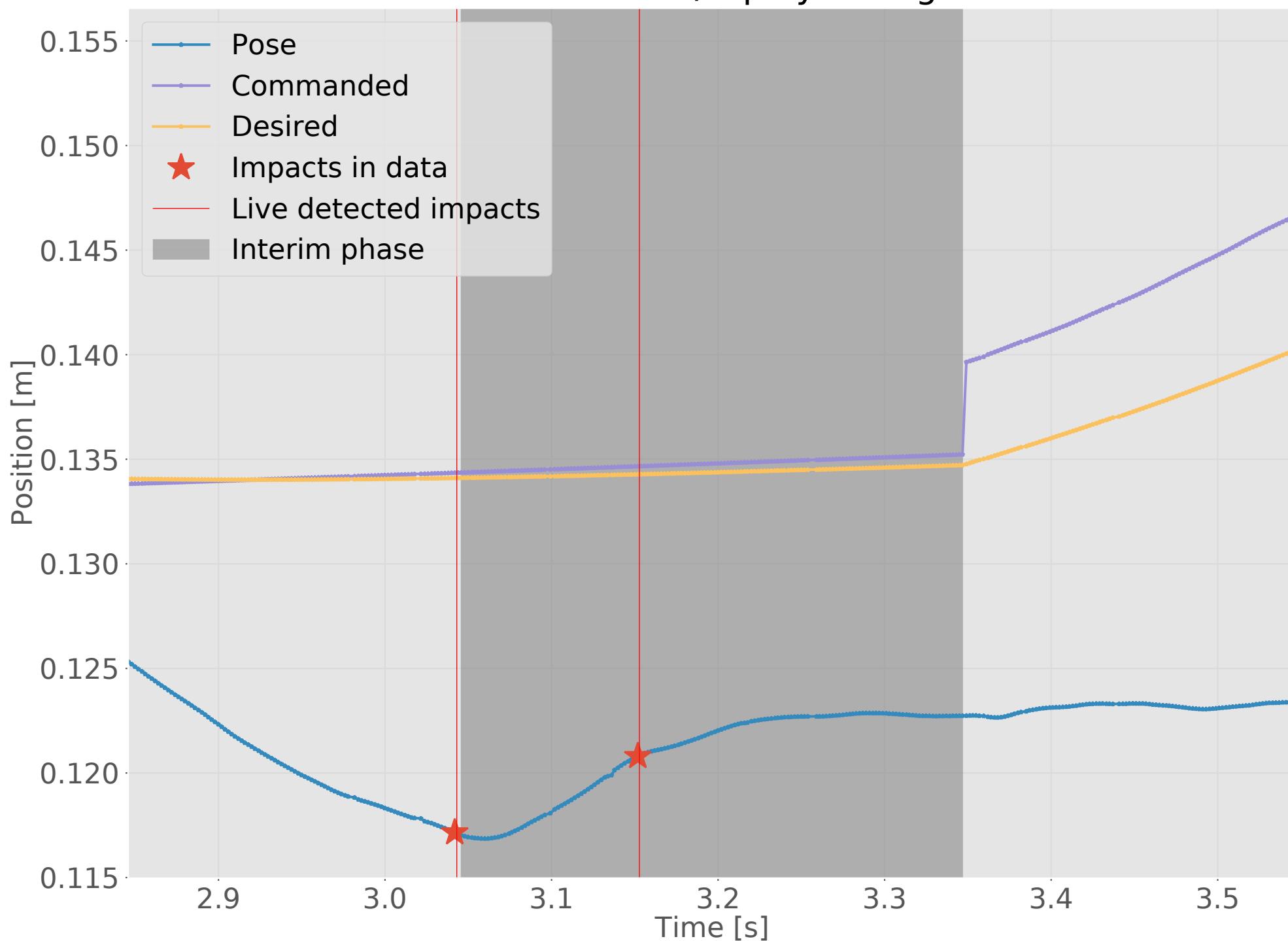
# Pose X data/replay37.bag



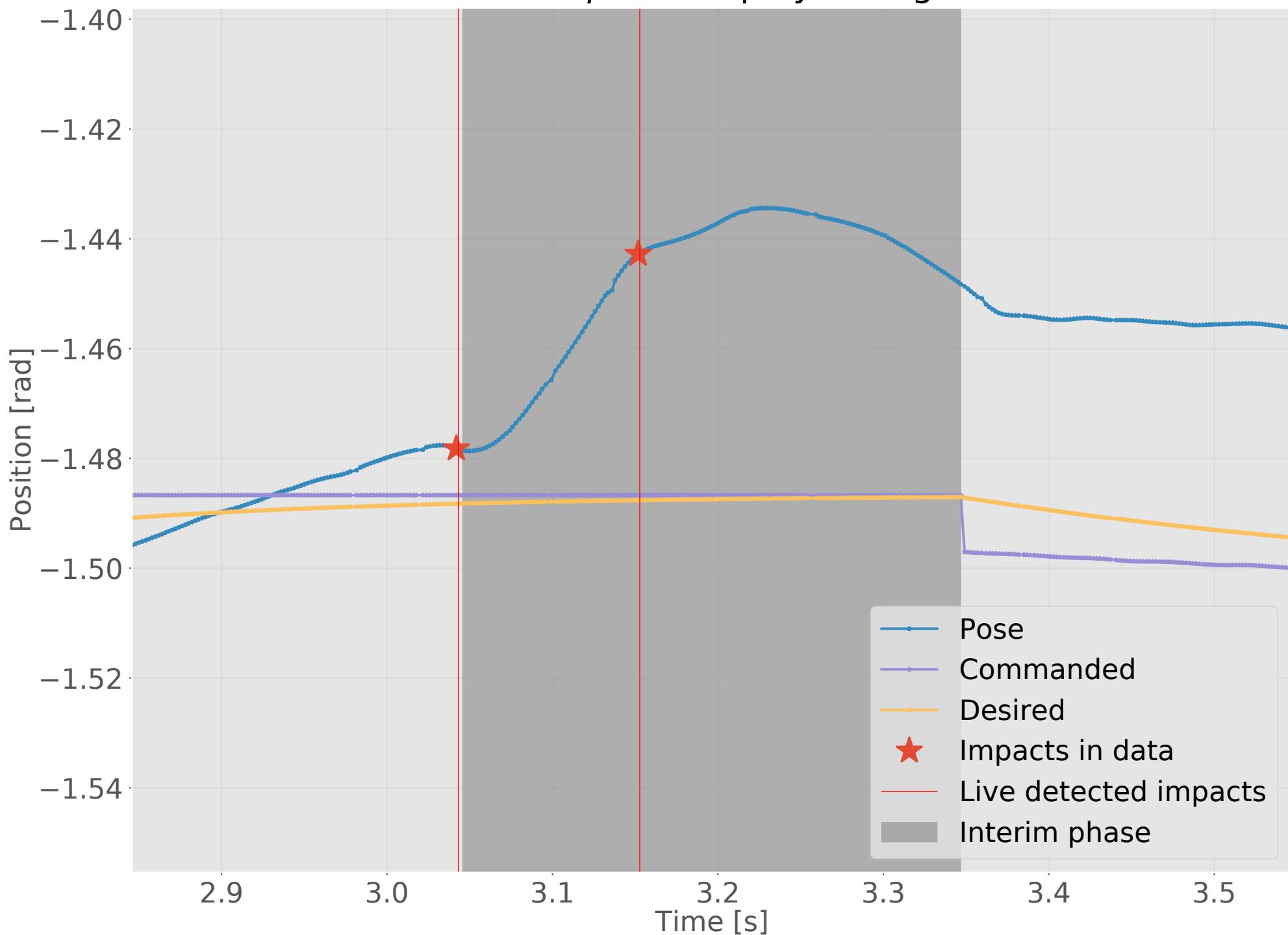
## Pose Y data/replay37.bag



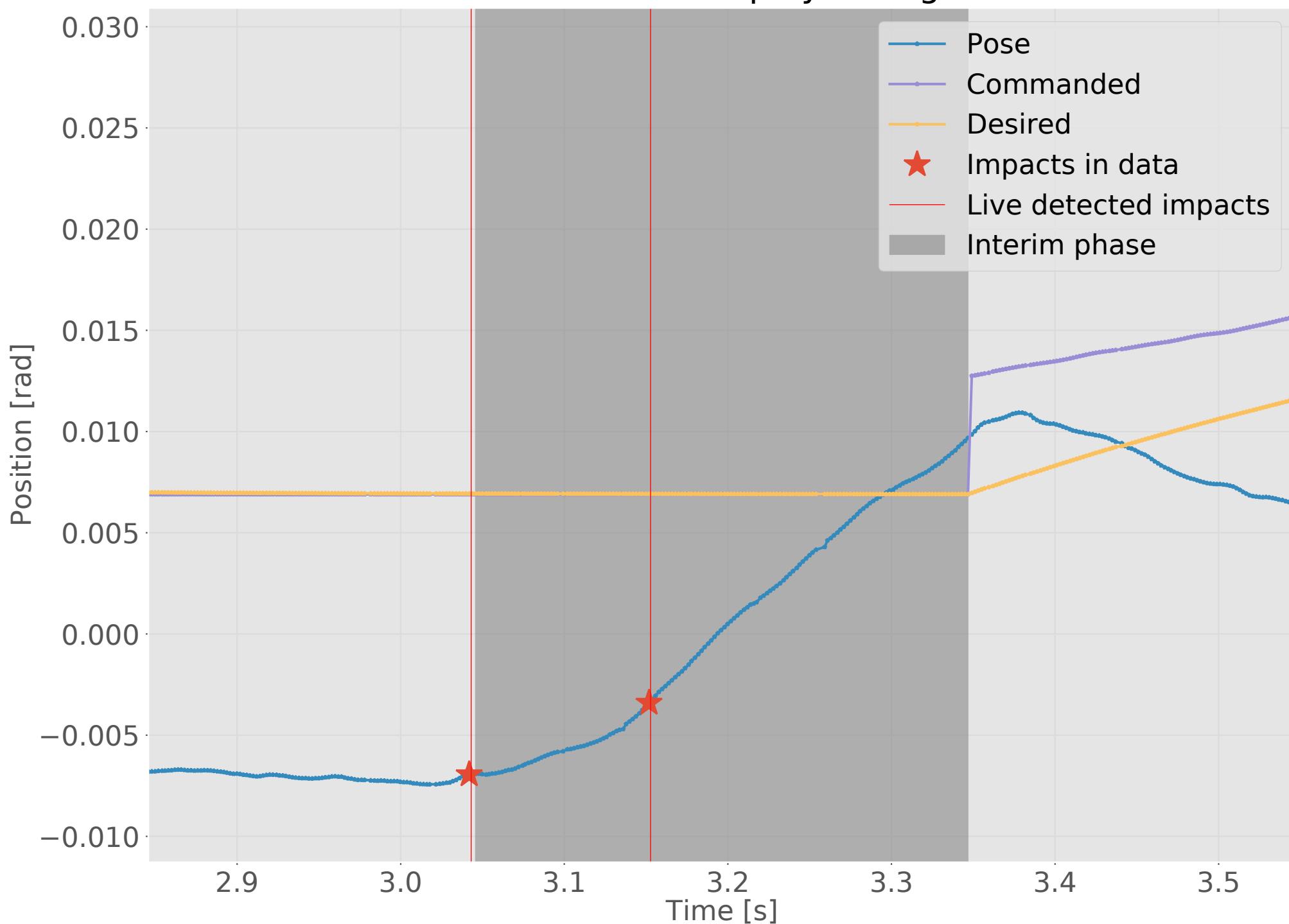
# Pose Z data/replay37.bag



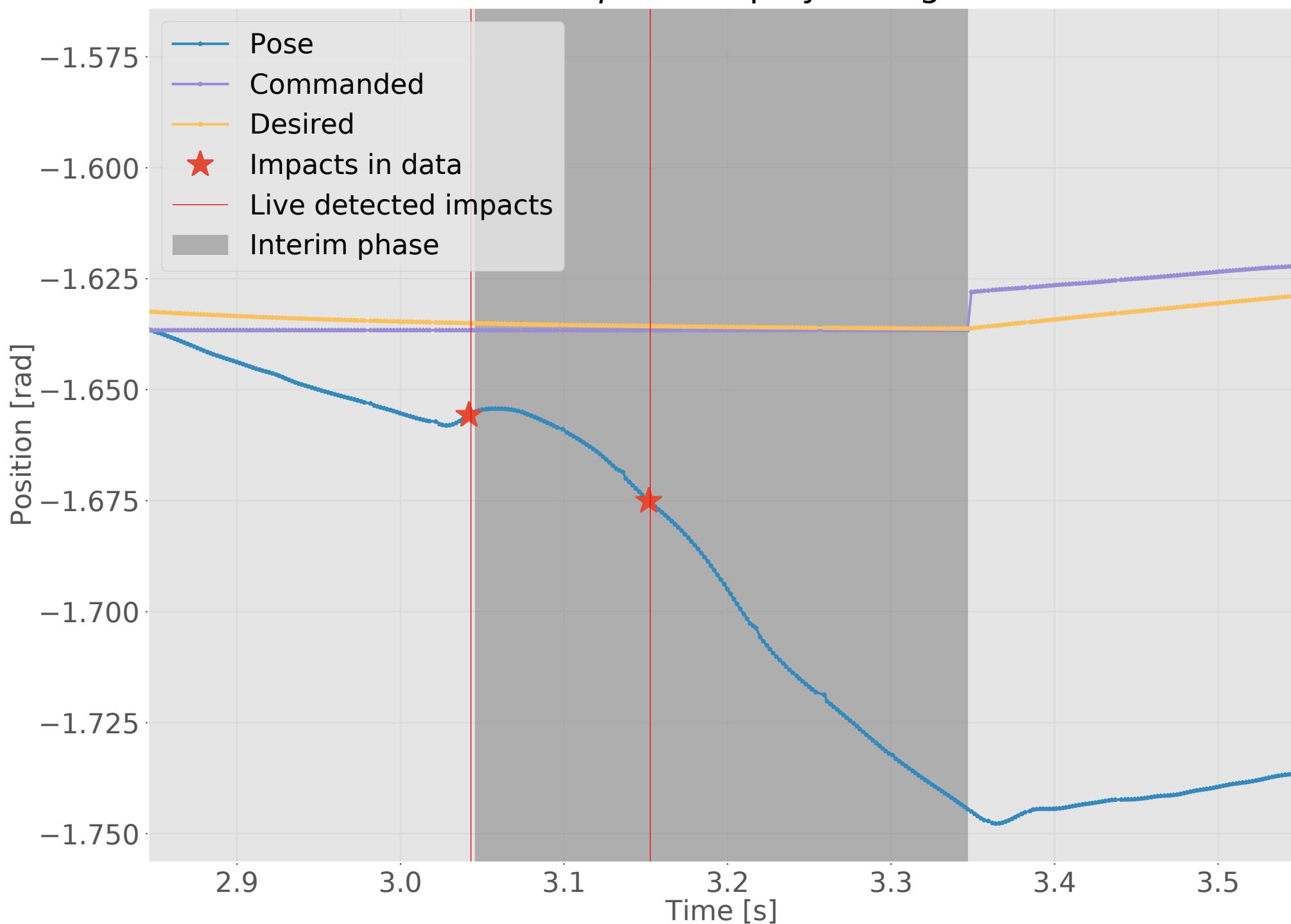
## Pose $\phi$ data/replay37.bag



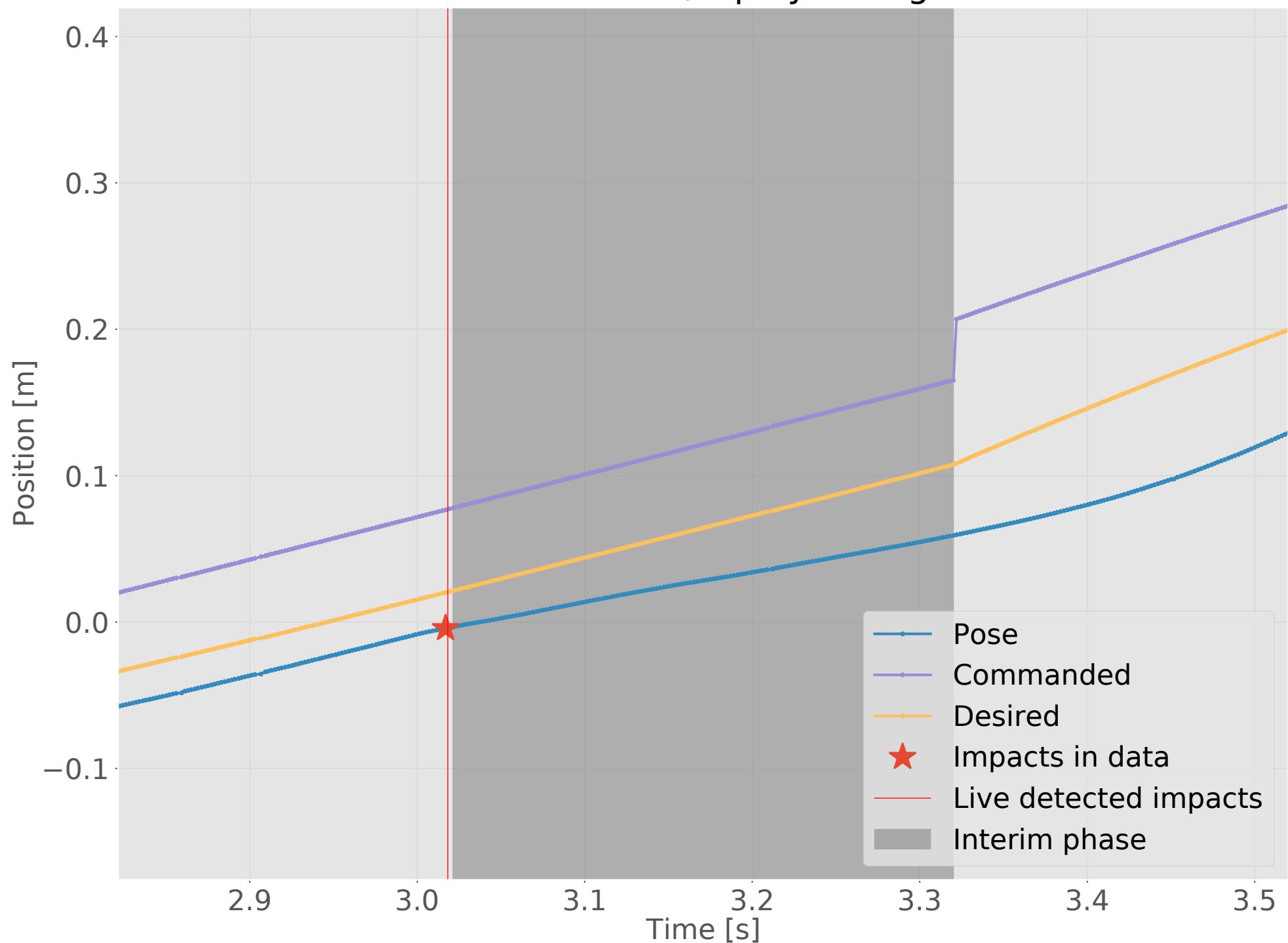
# Pose $\theta$ data/replay37.bag



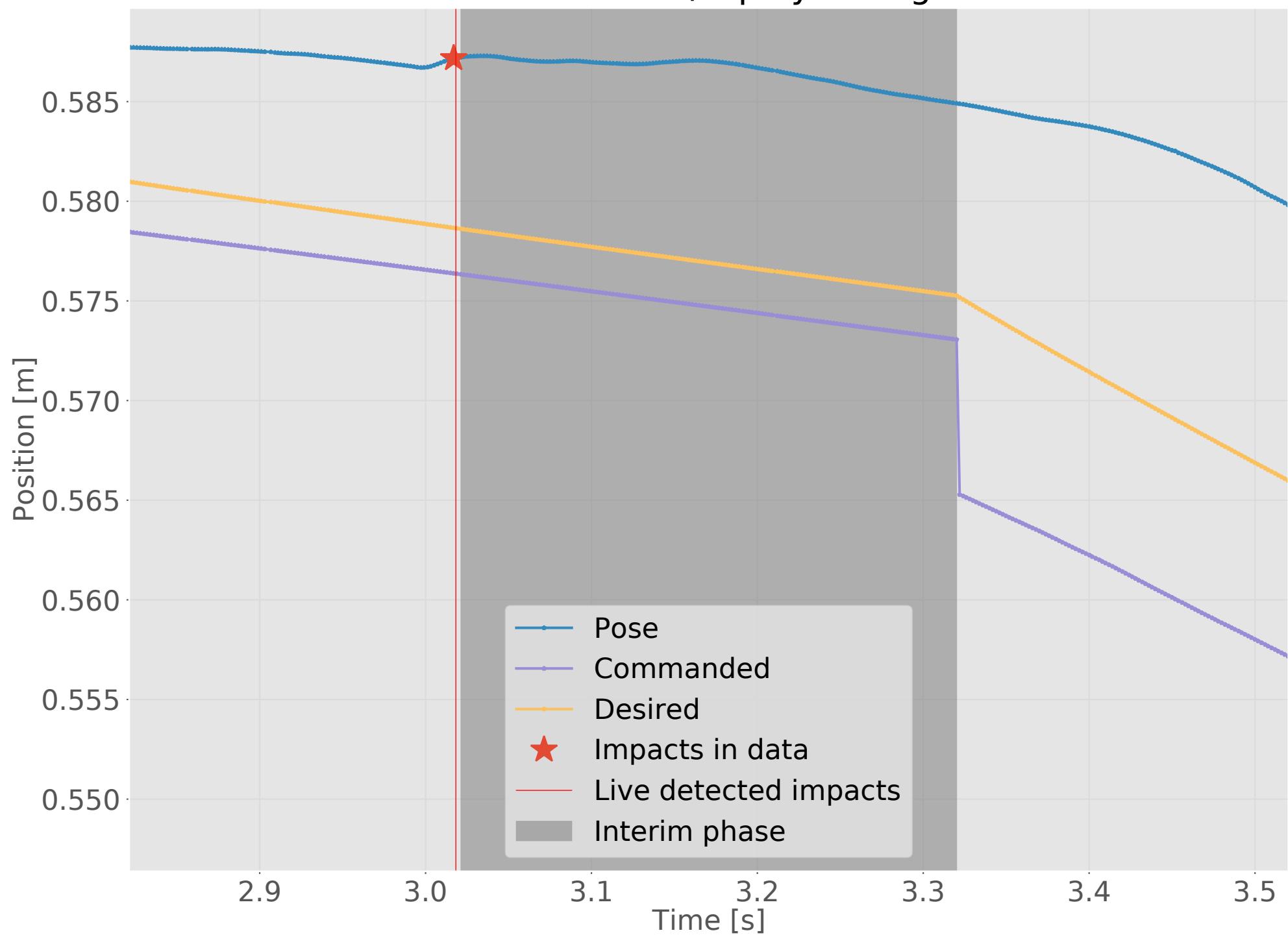
# Pose $\psi$ data/replay37.bag



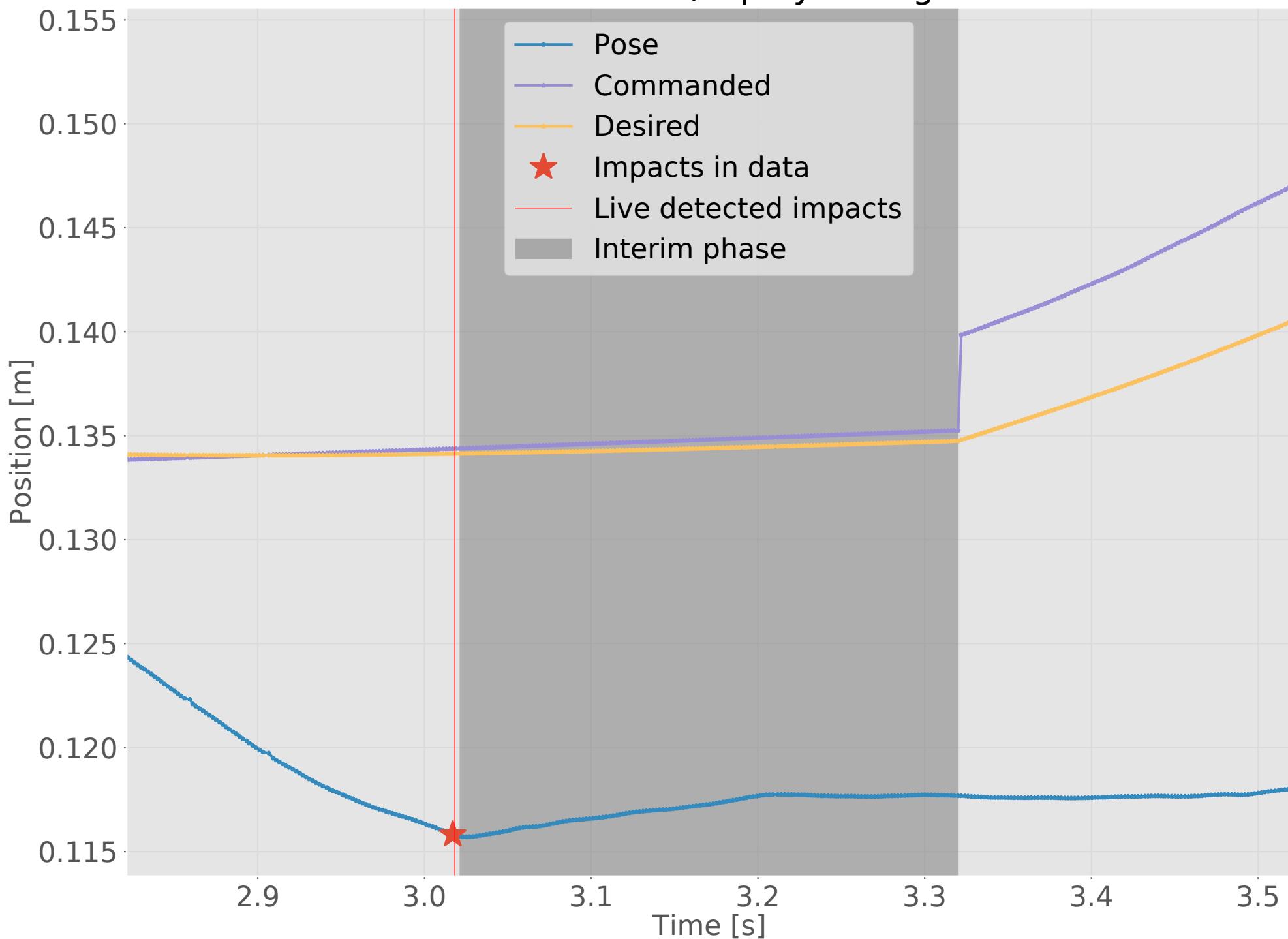
## Pose X data/replay38.bag



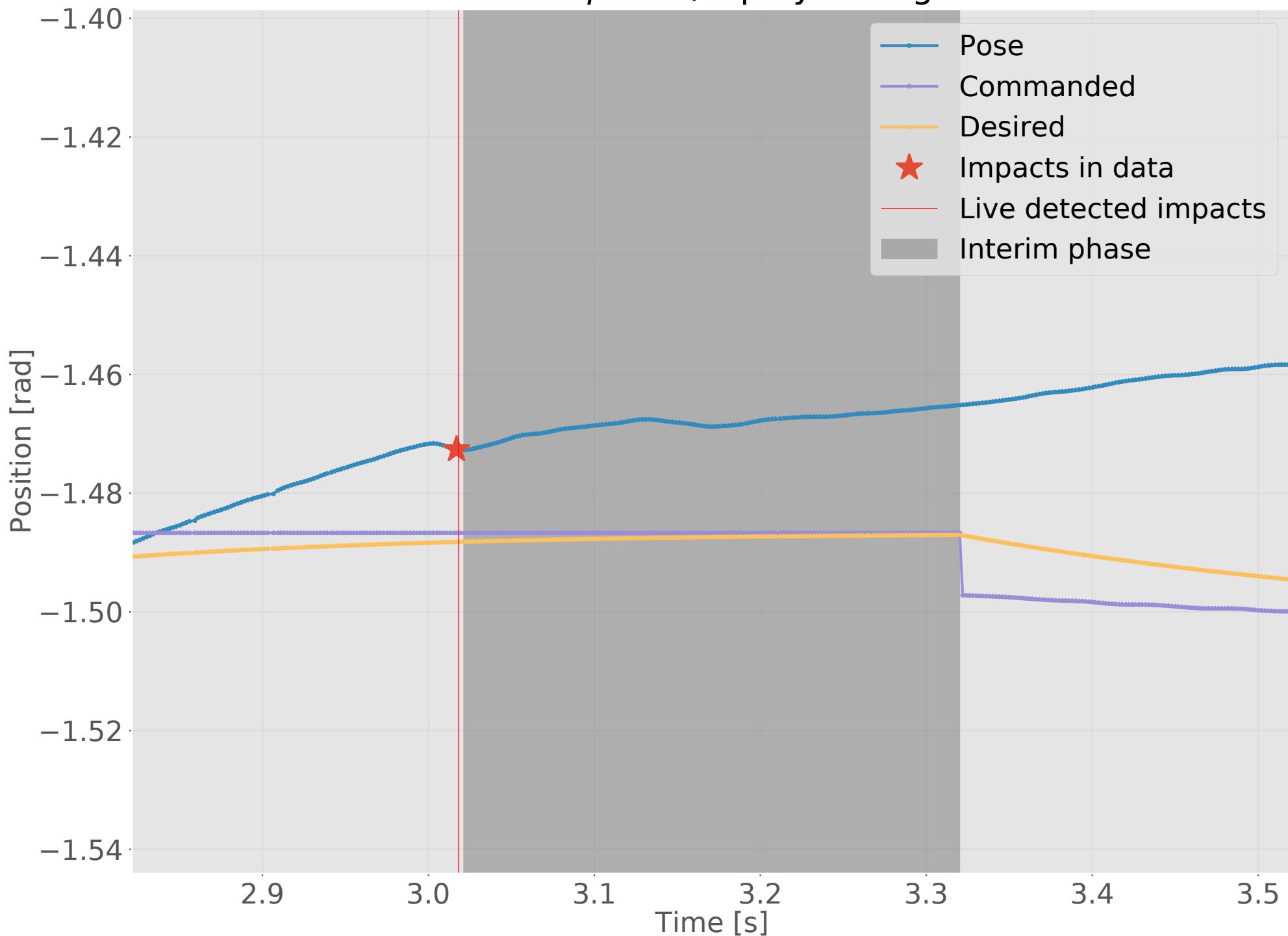
## Pose Y data/replay38.bag



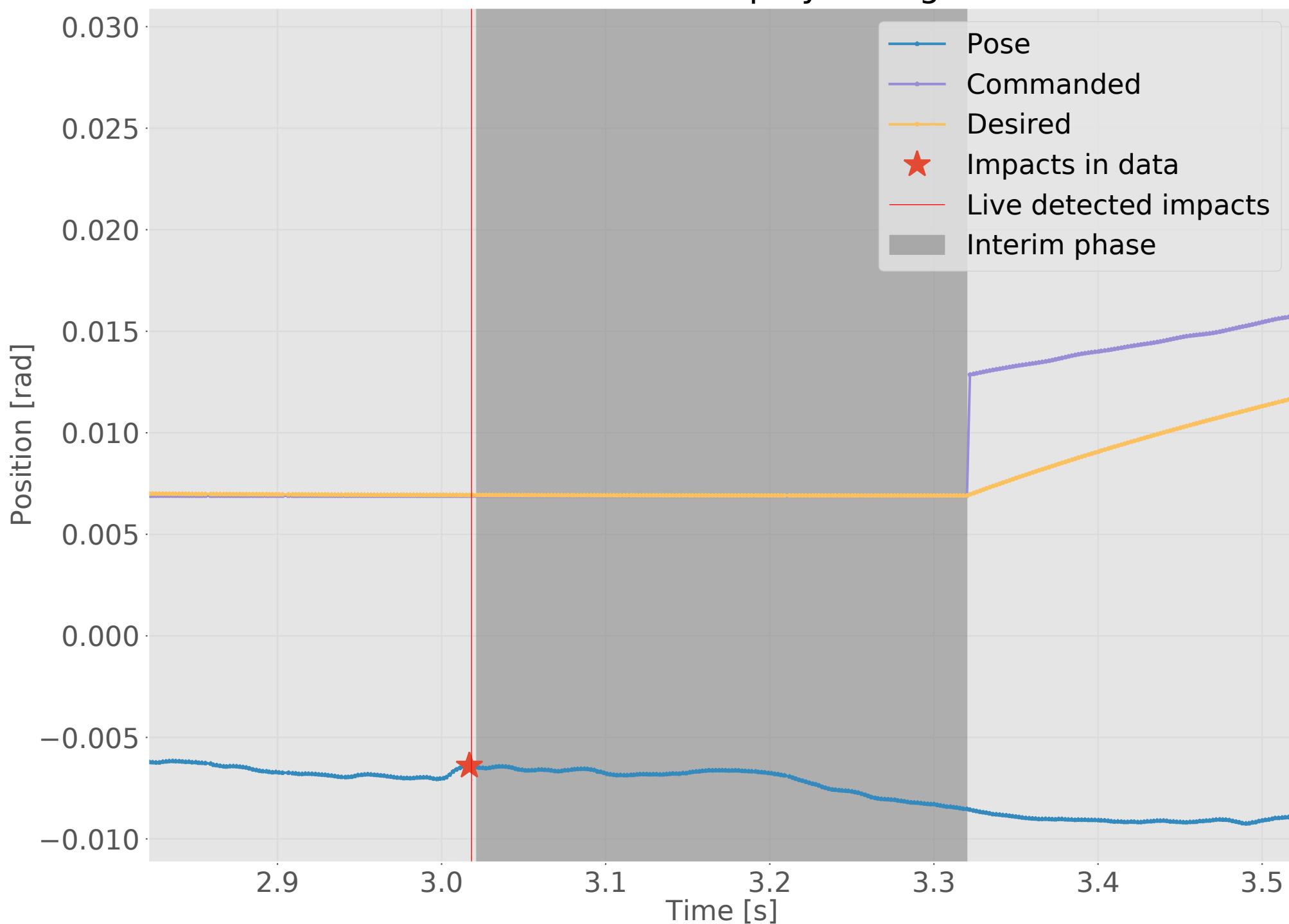
## Pose Z data/replay38.bag



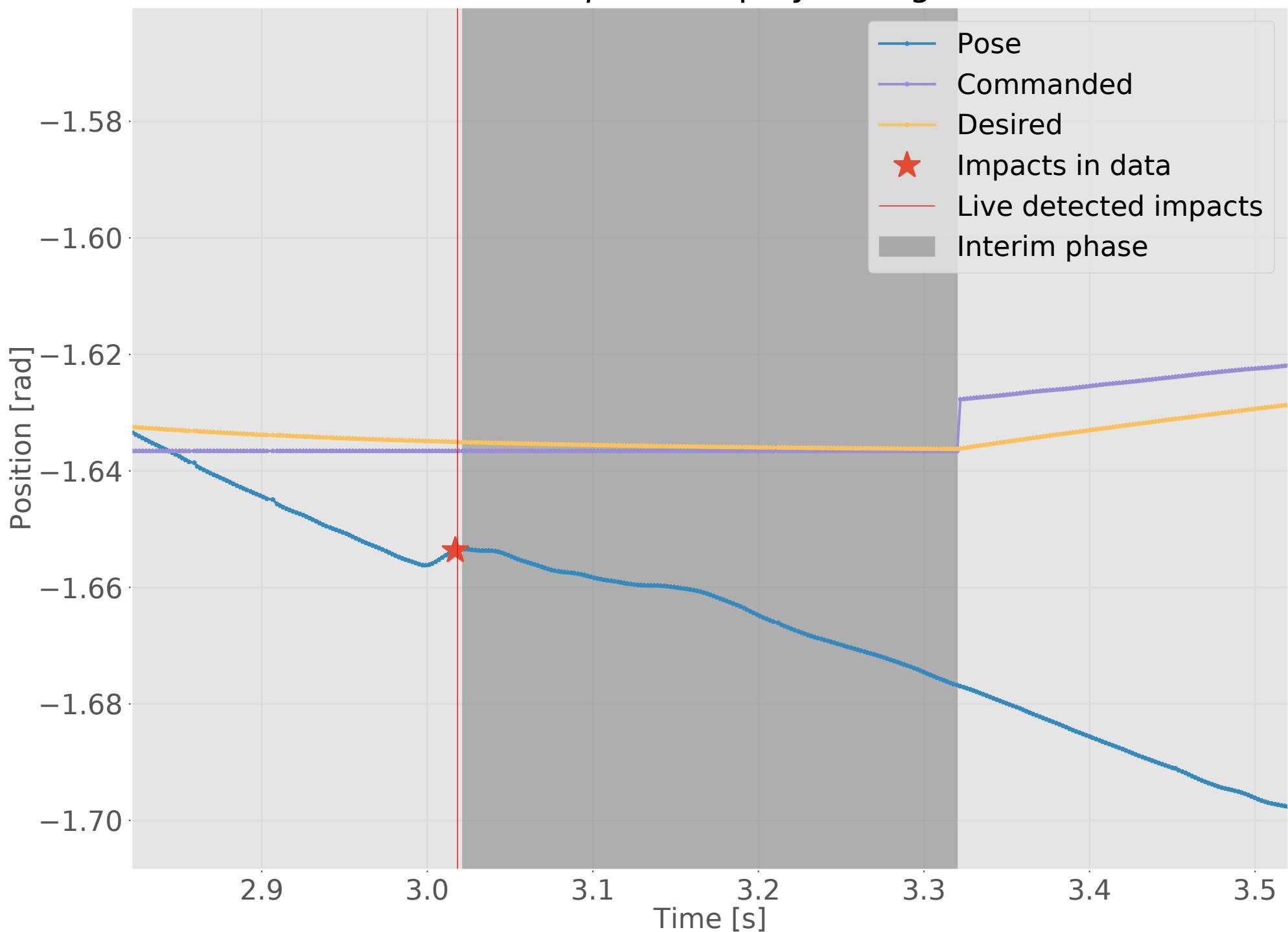
# Pose $\phi$ data/replay38.bag



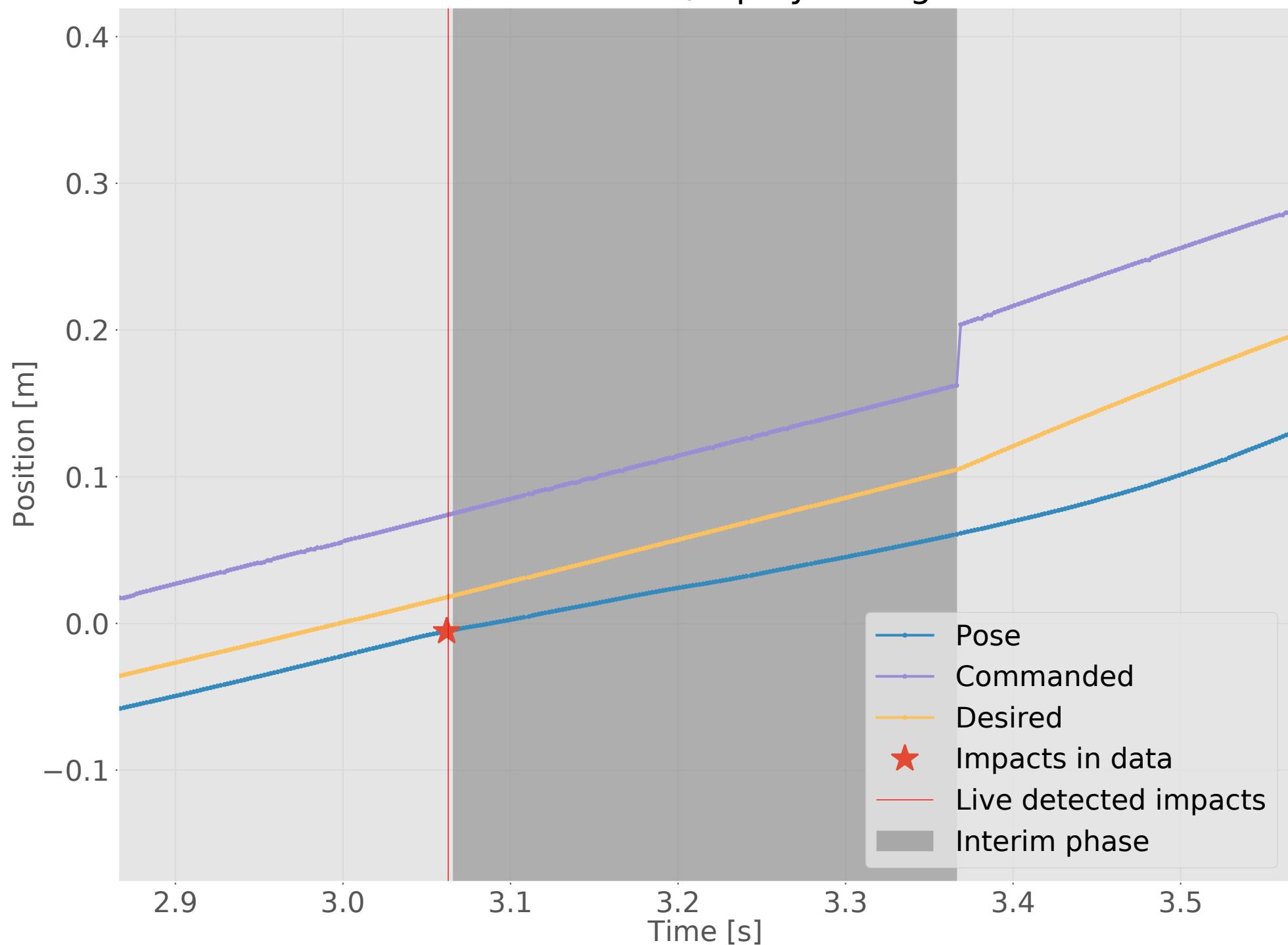
# Pose $\theta$ data/replay38.bag



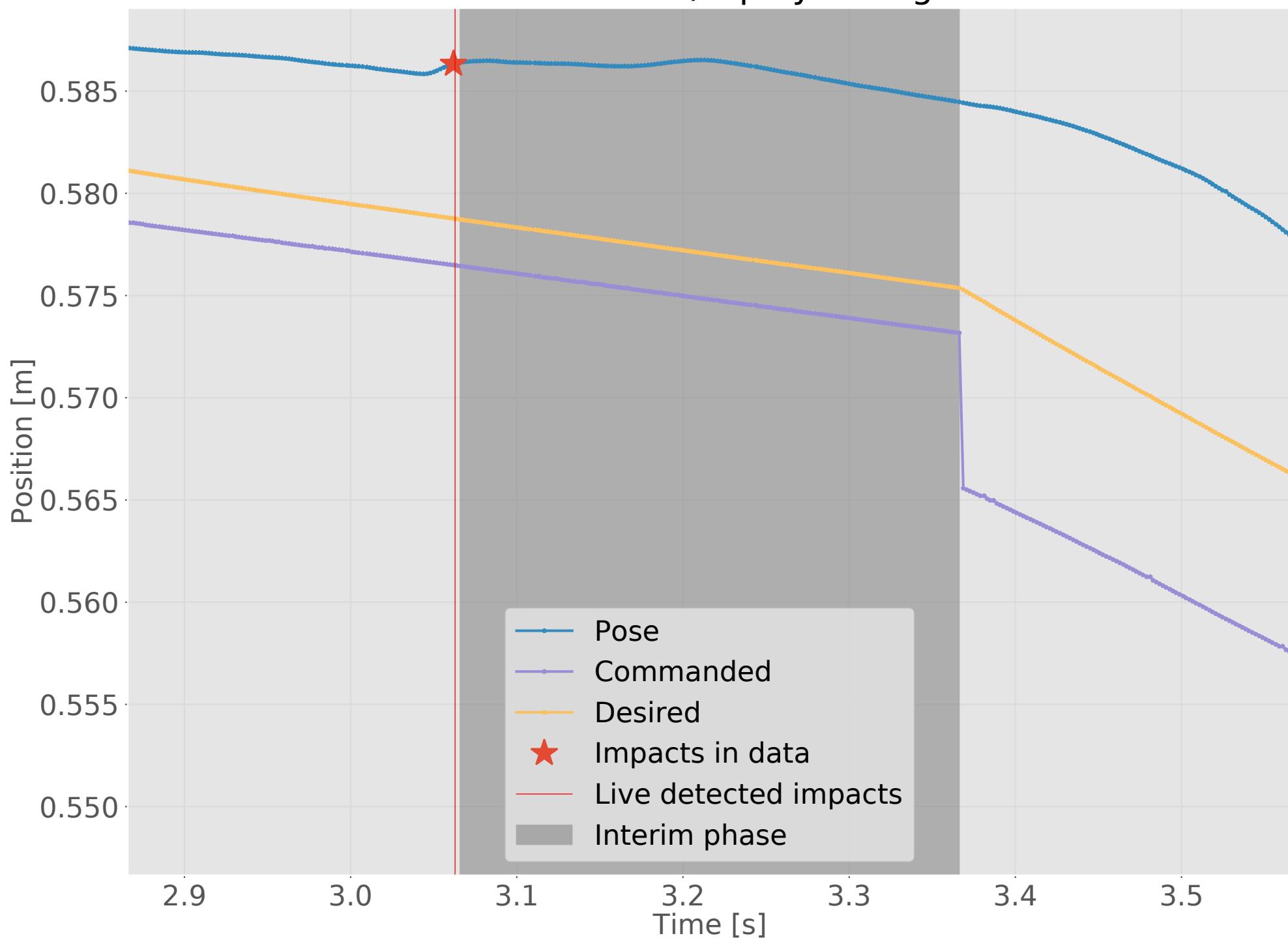
# Pose $\psi$ data/replay38.bag



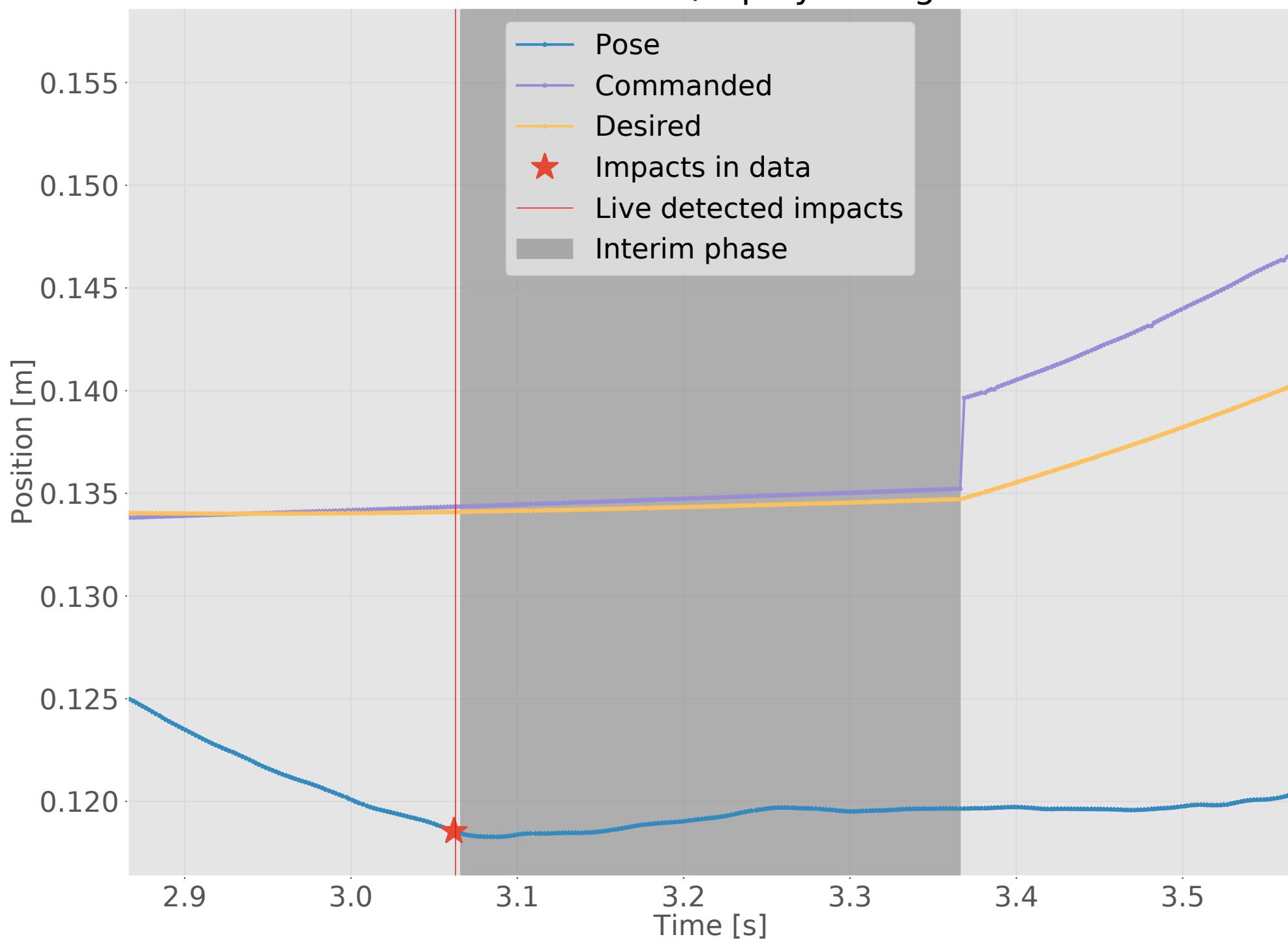
## Pose X data/replay39.bag



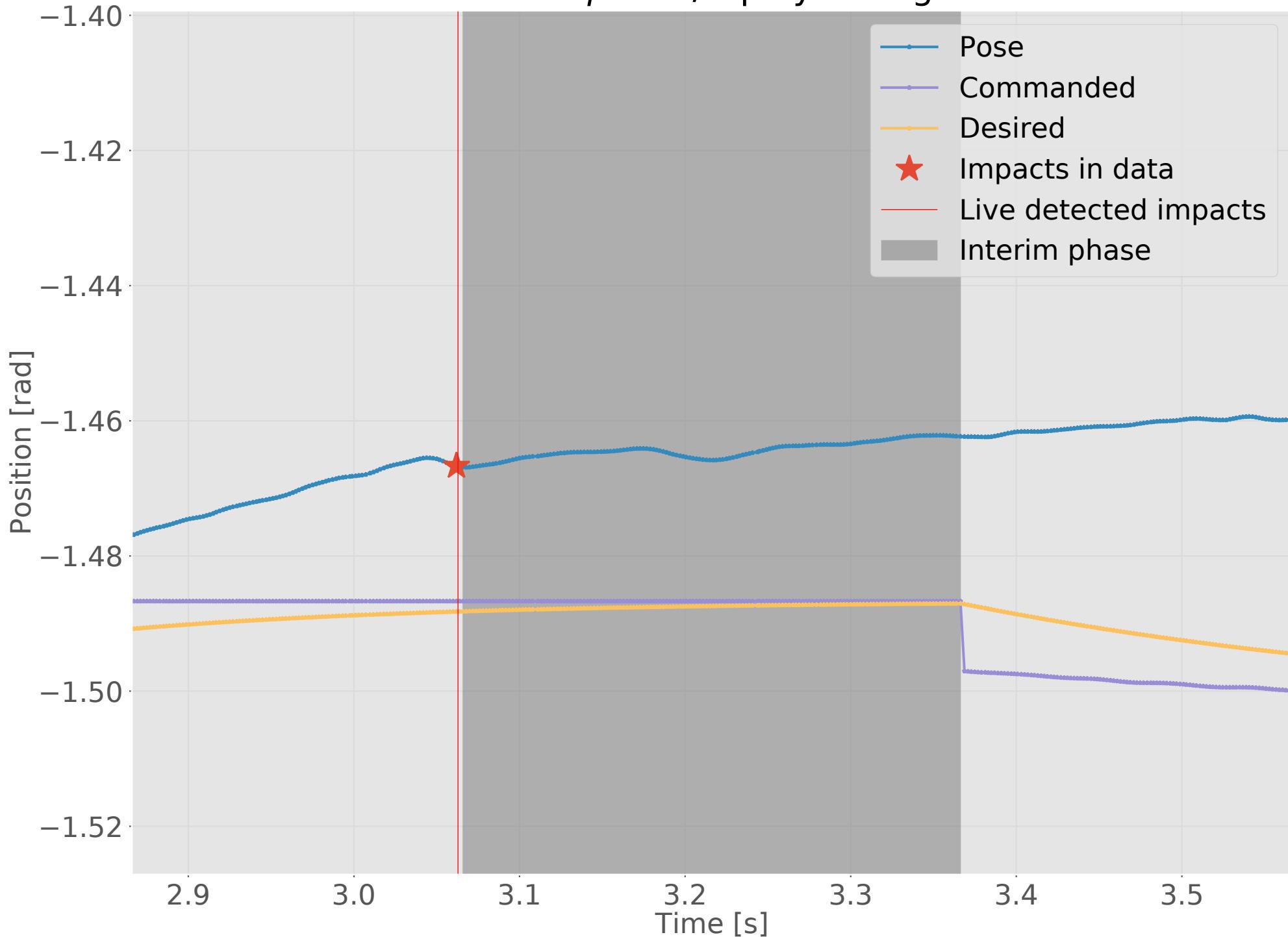
## Pose Y data/replay39.bag



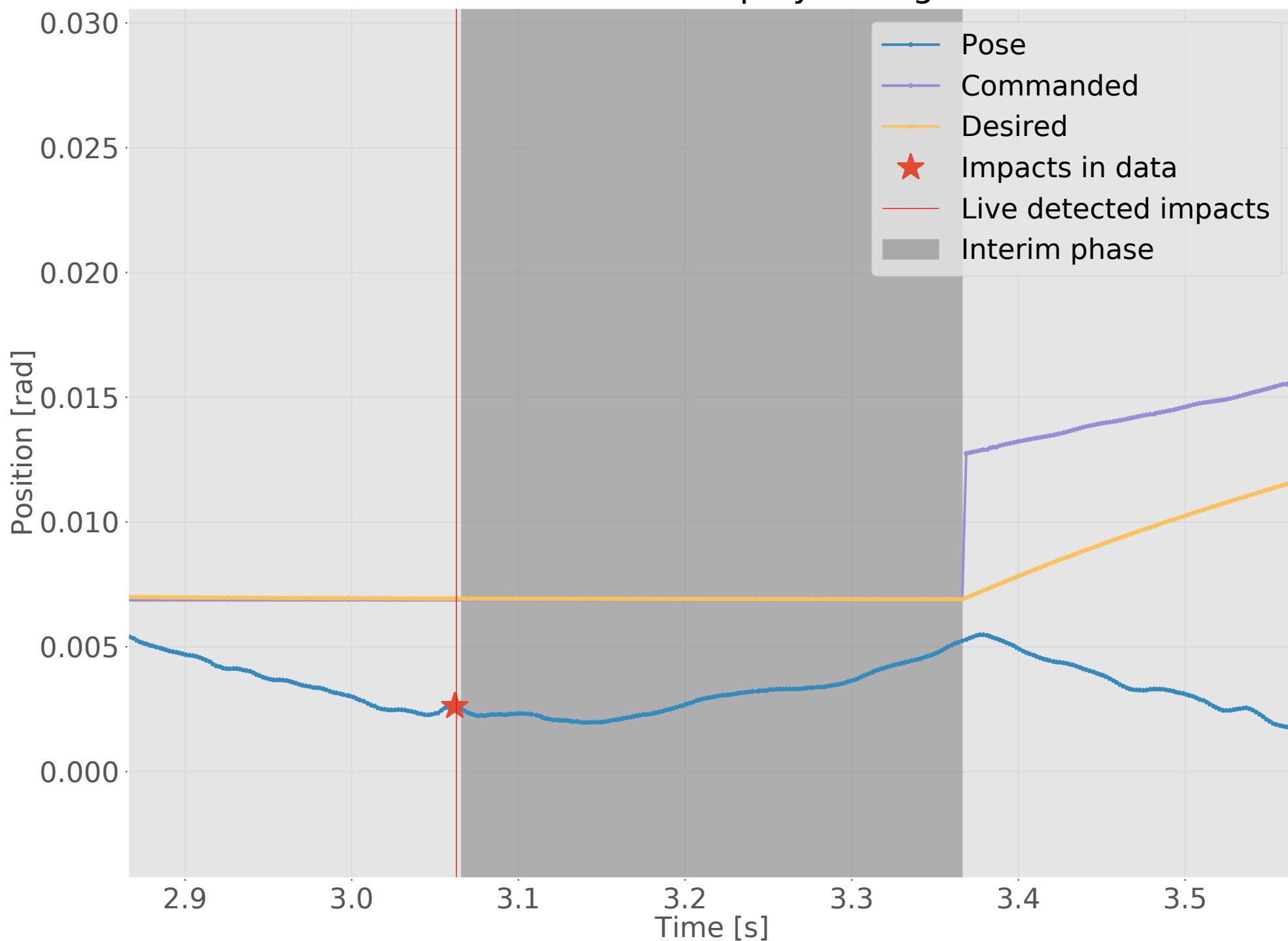
## Pose Z data/replay39.bag



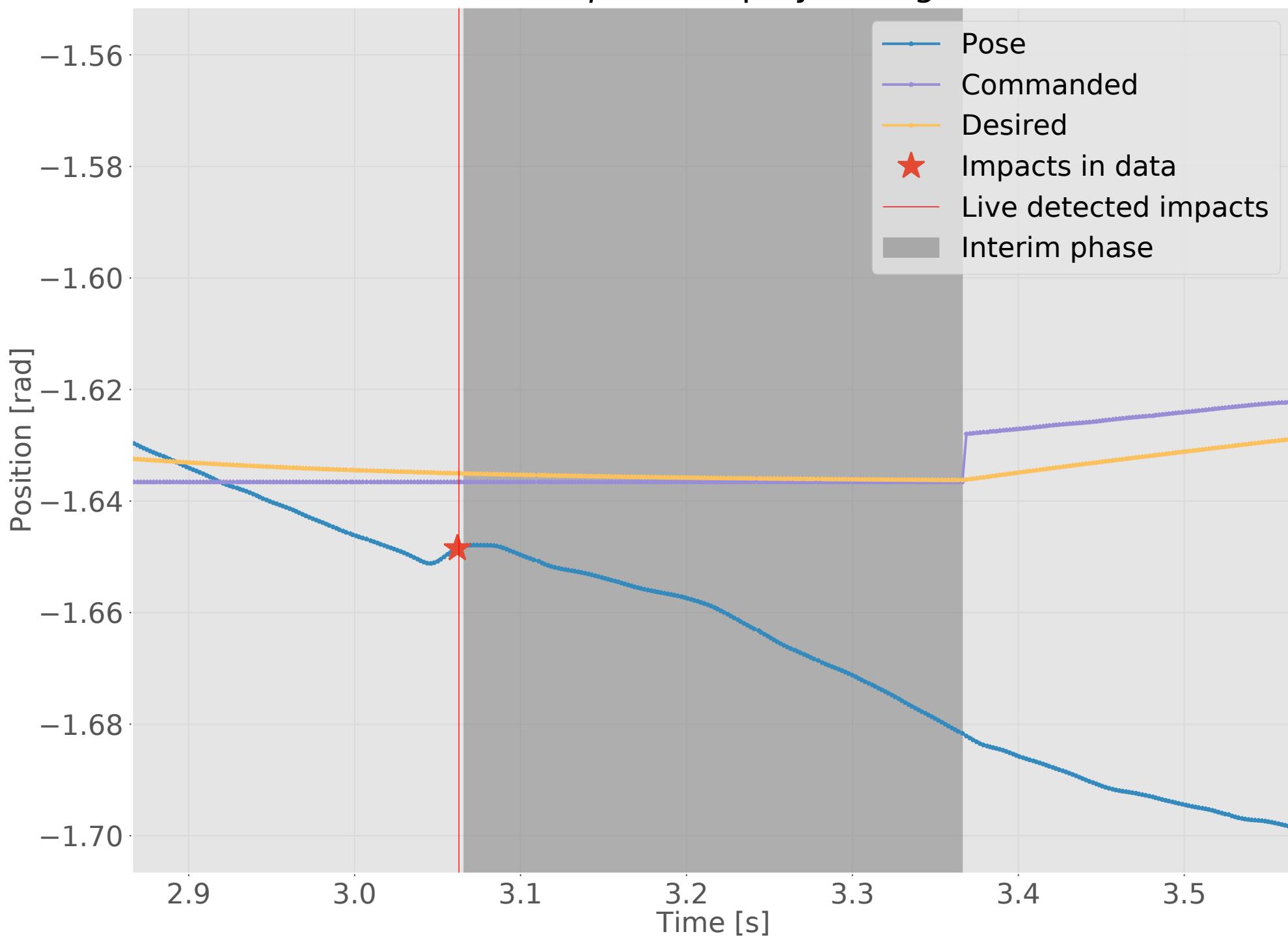
# Pose $\phi$ data/replay39.bag



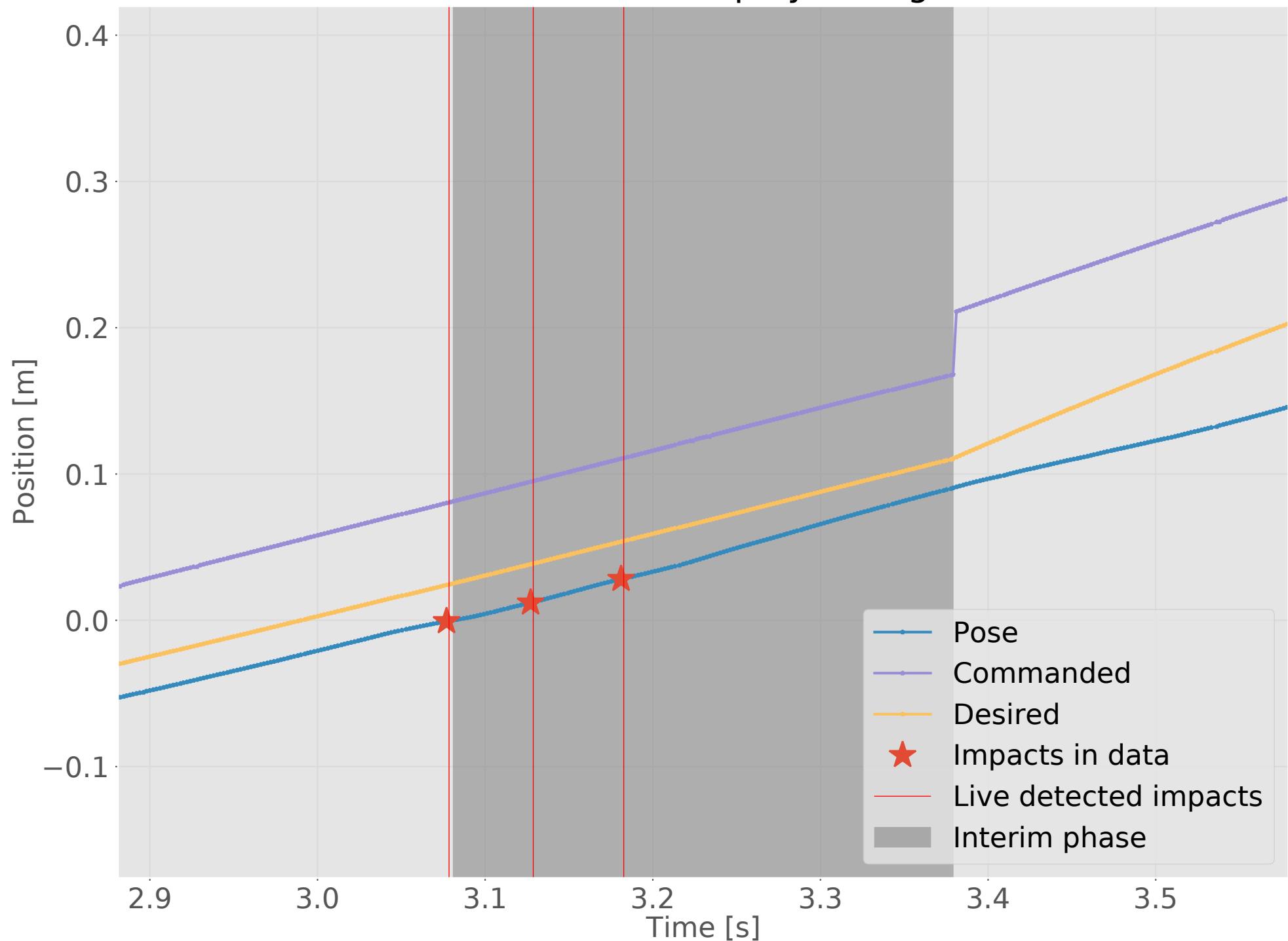
# Pose $\theta$ data/replay39.bag



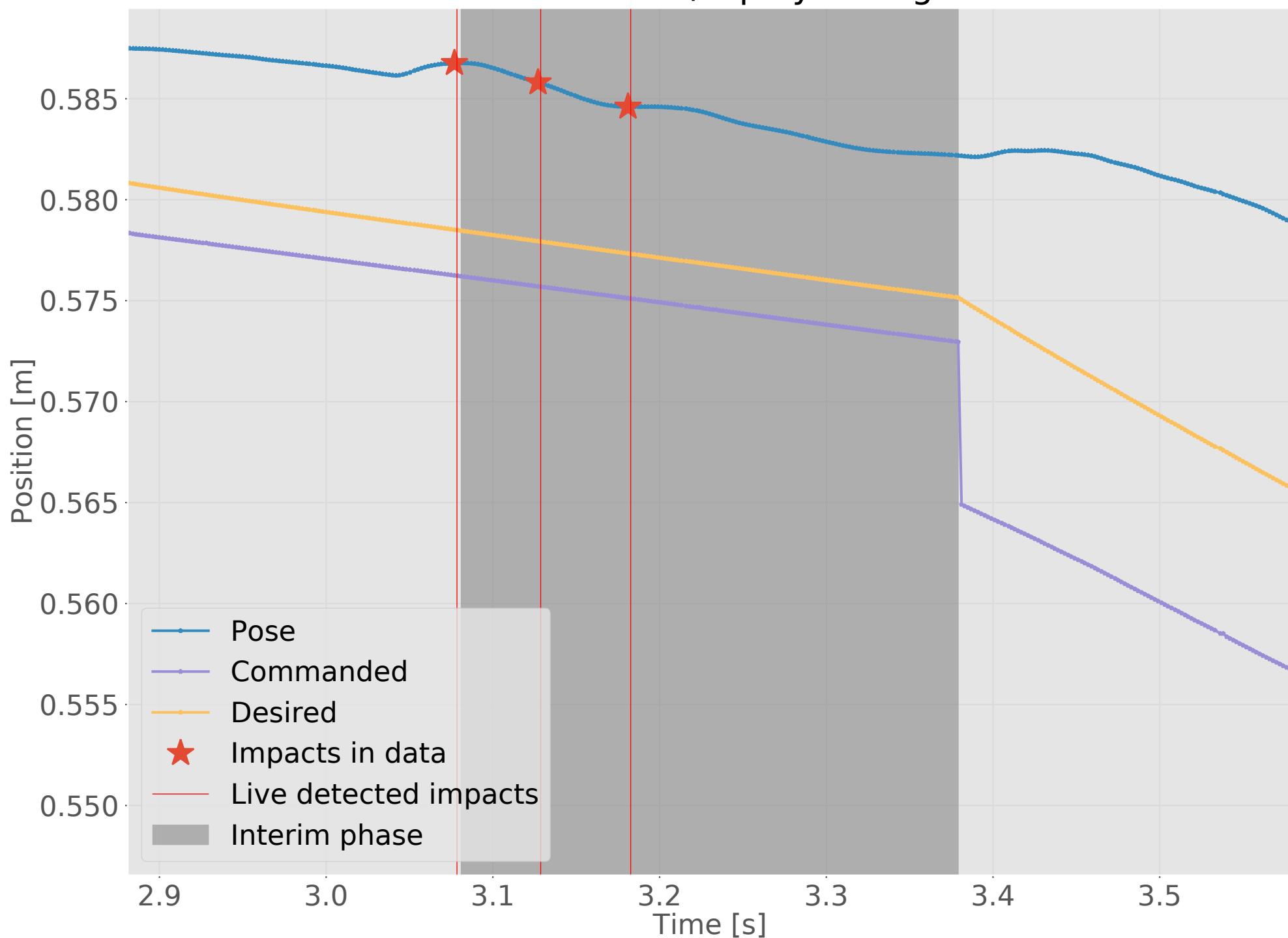
## Pose $\psi$ data/replay39.bag



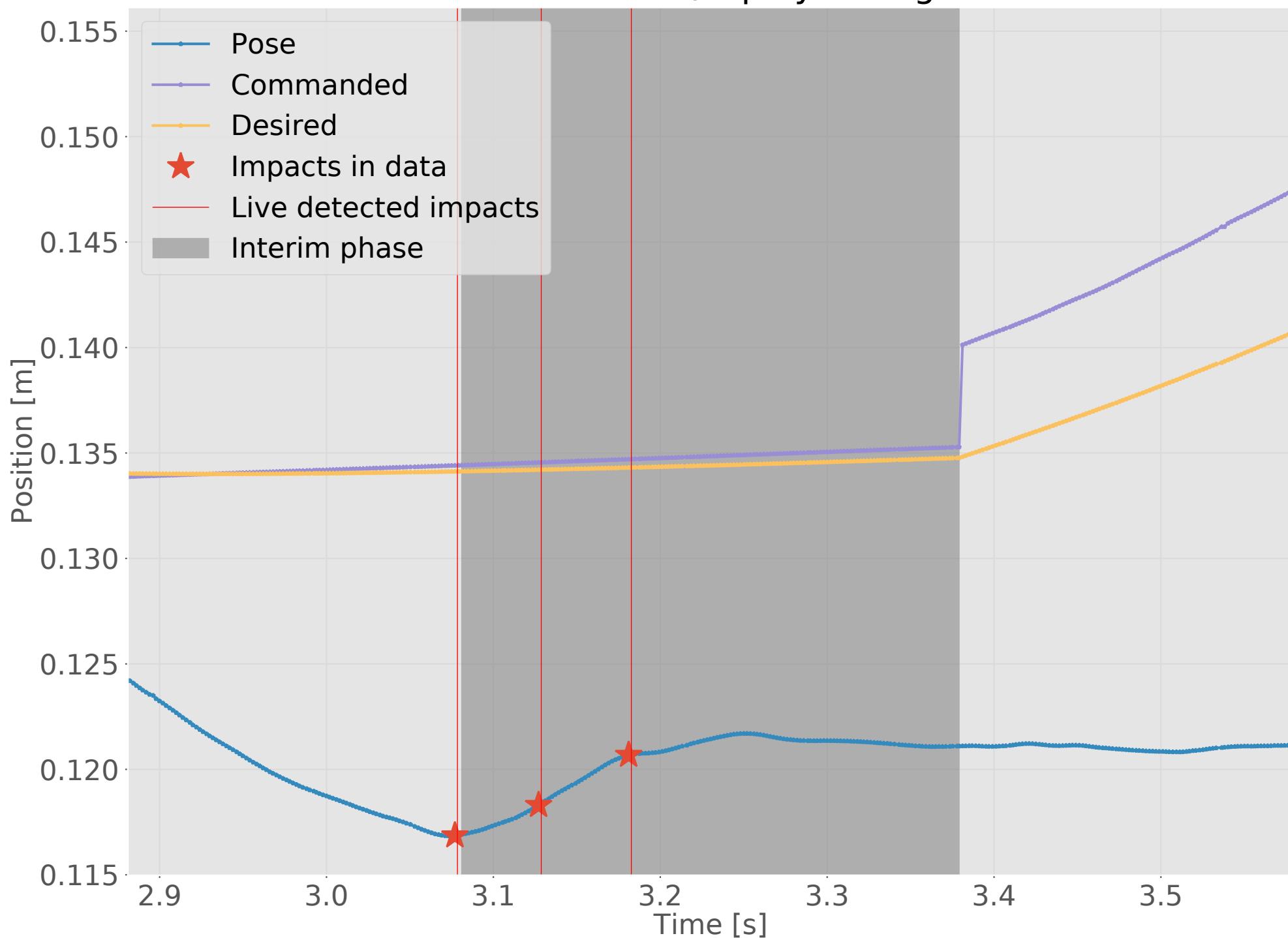
## Pose X data/replay40.bag



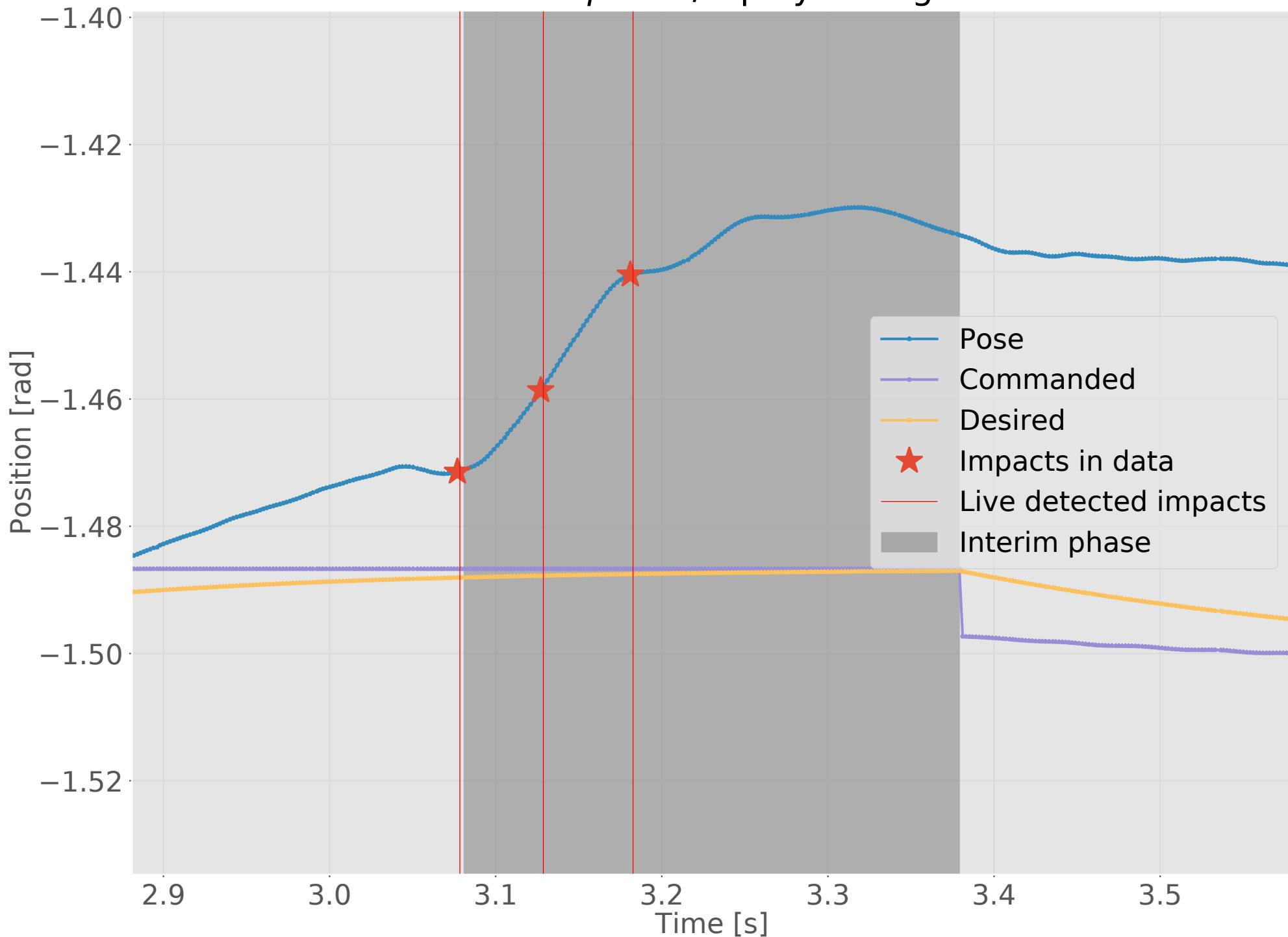
## Pose Y data/replay40.bag



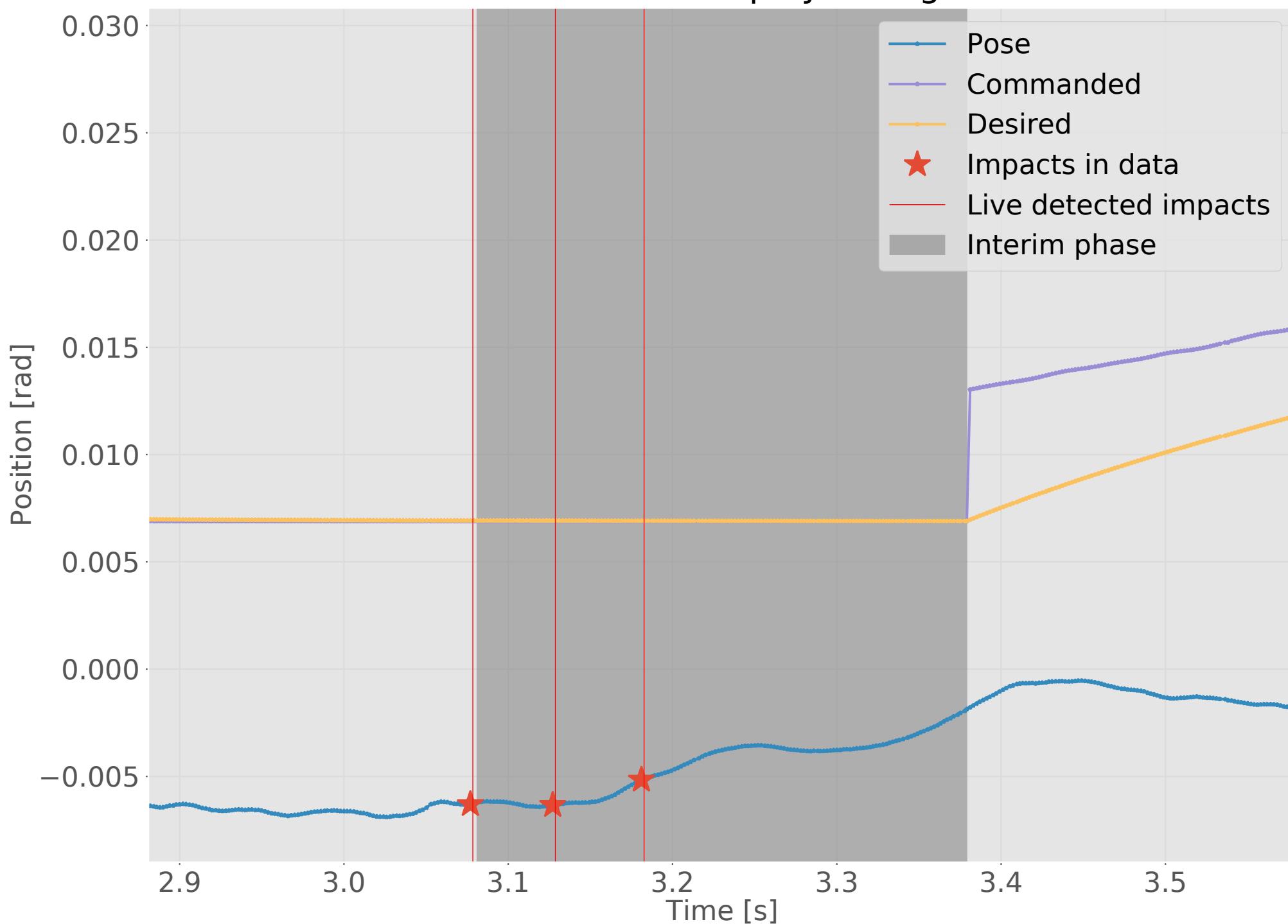
# Pose Z data/replay40.bag



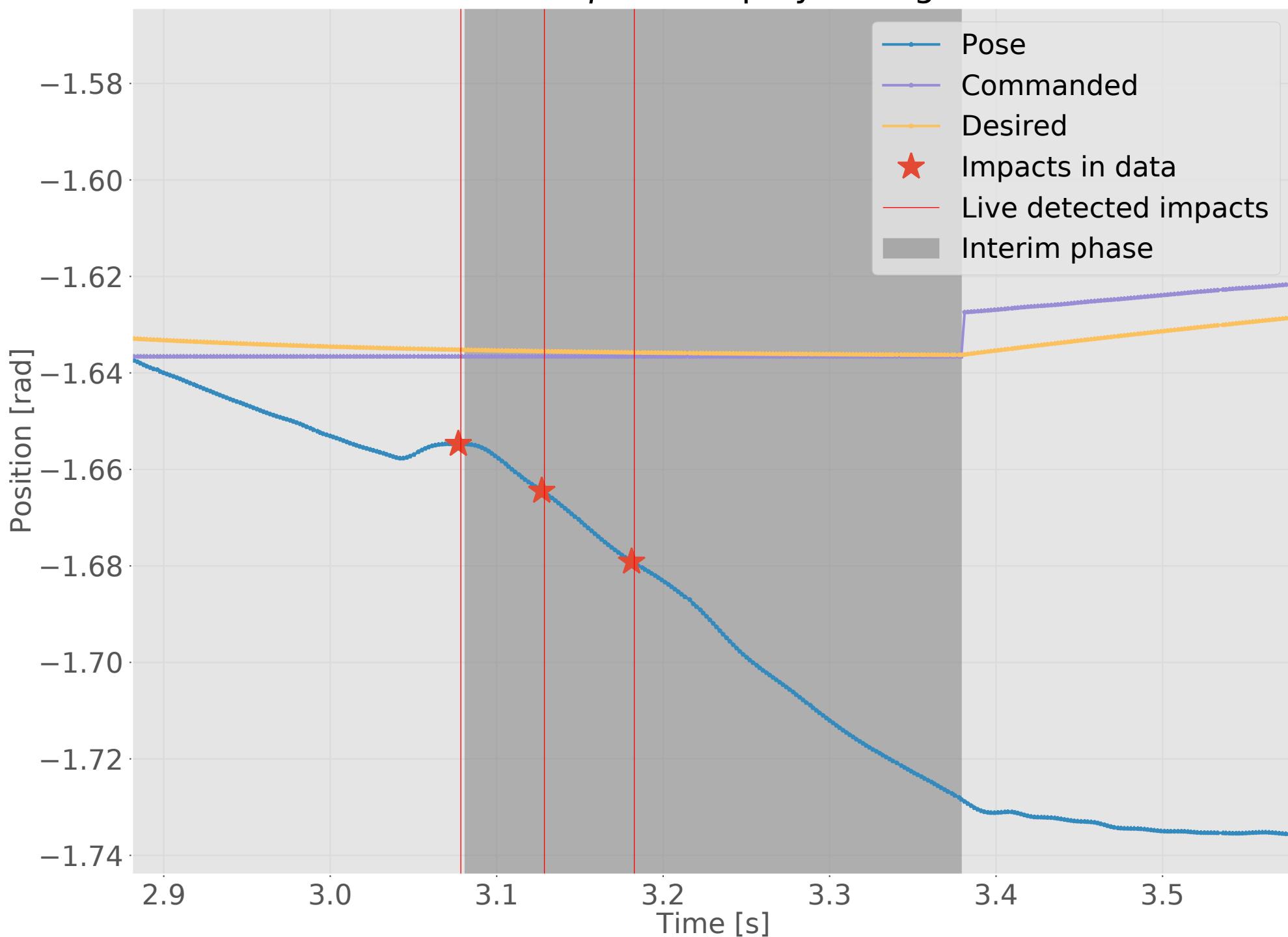
# Pose $\phi$ data/replay40.bag



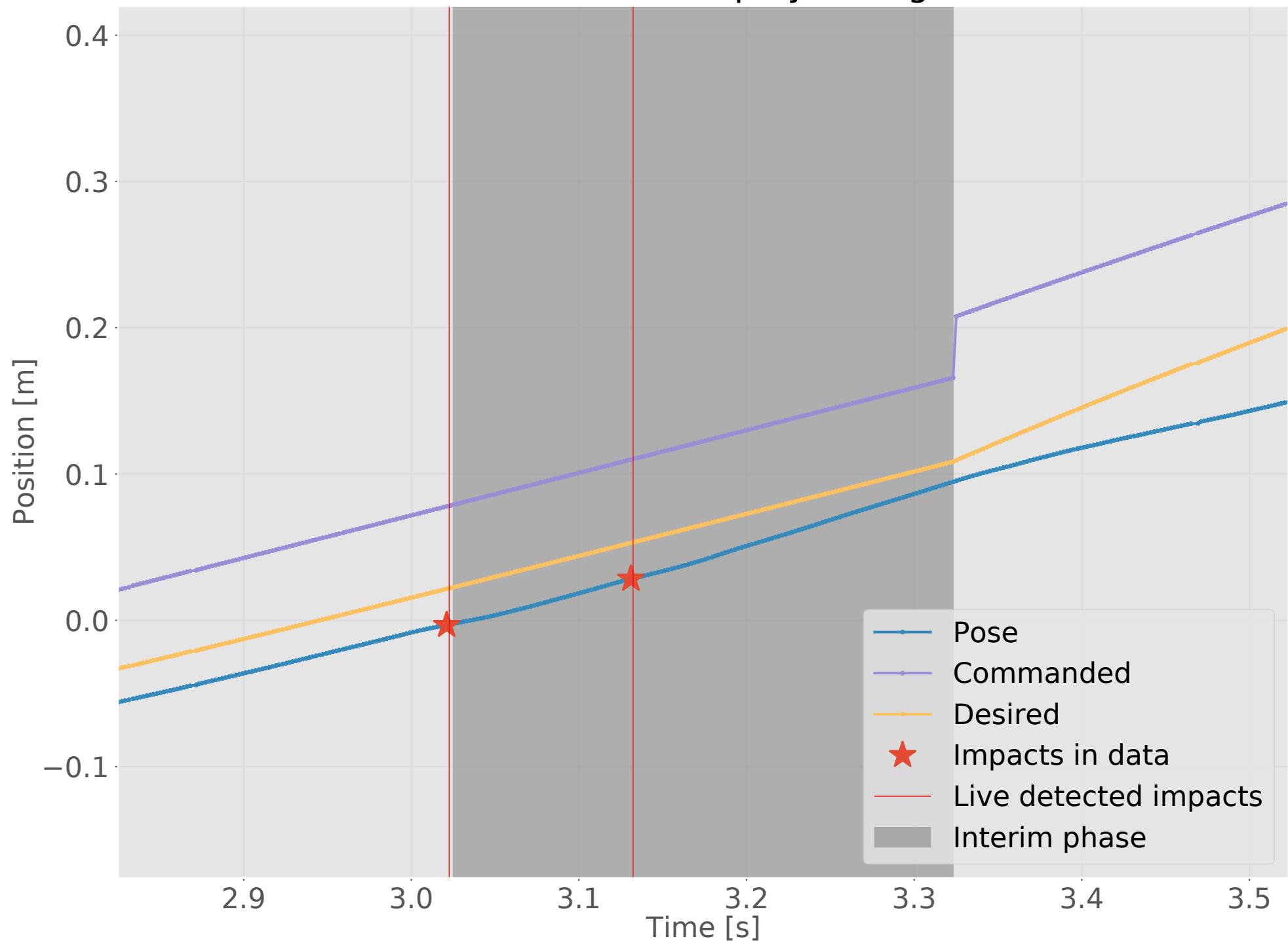
# Pose $\theta$ data/replay40.bag



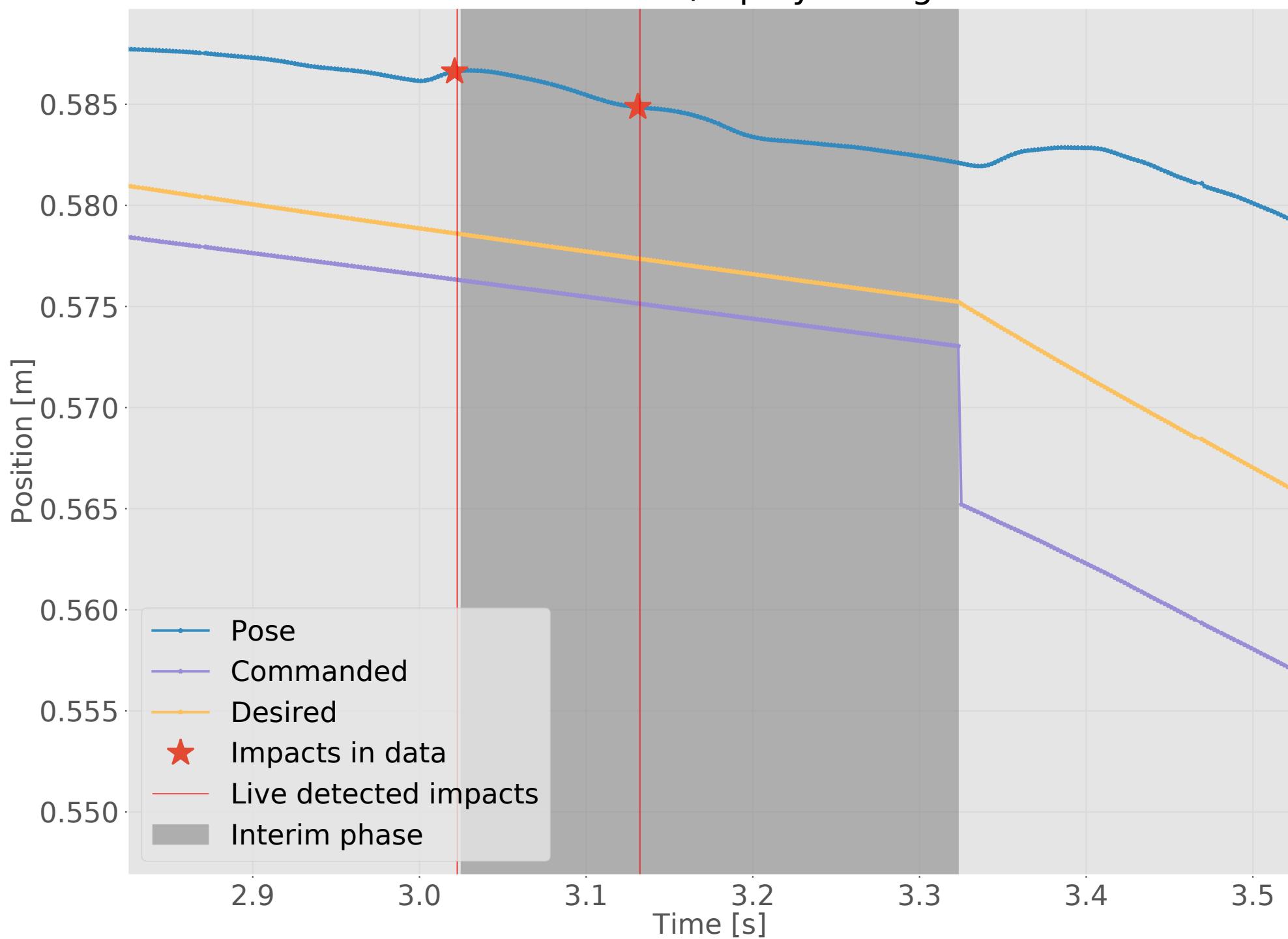
## Pose $\psi$ data/replay40.bag



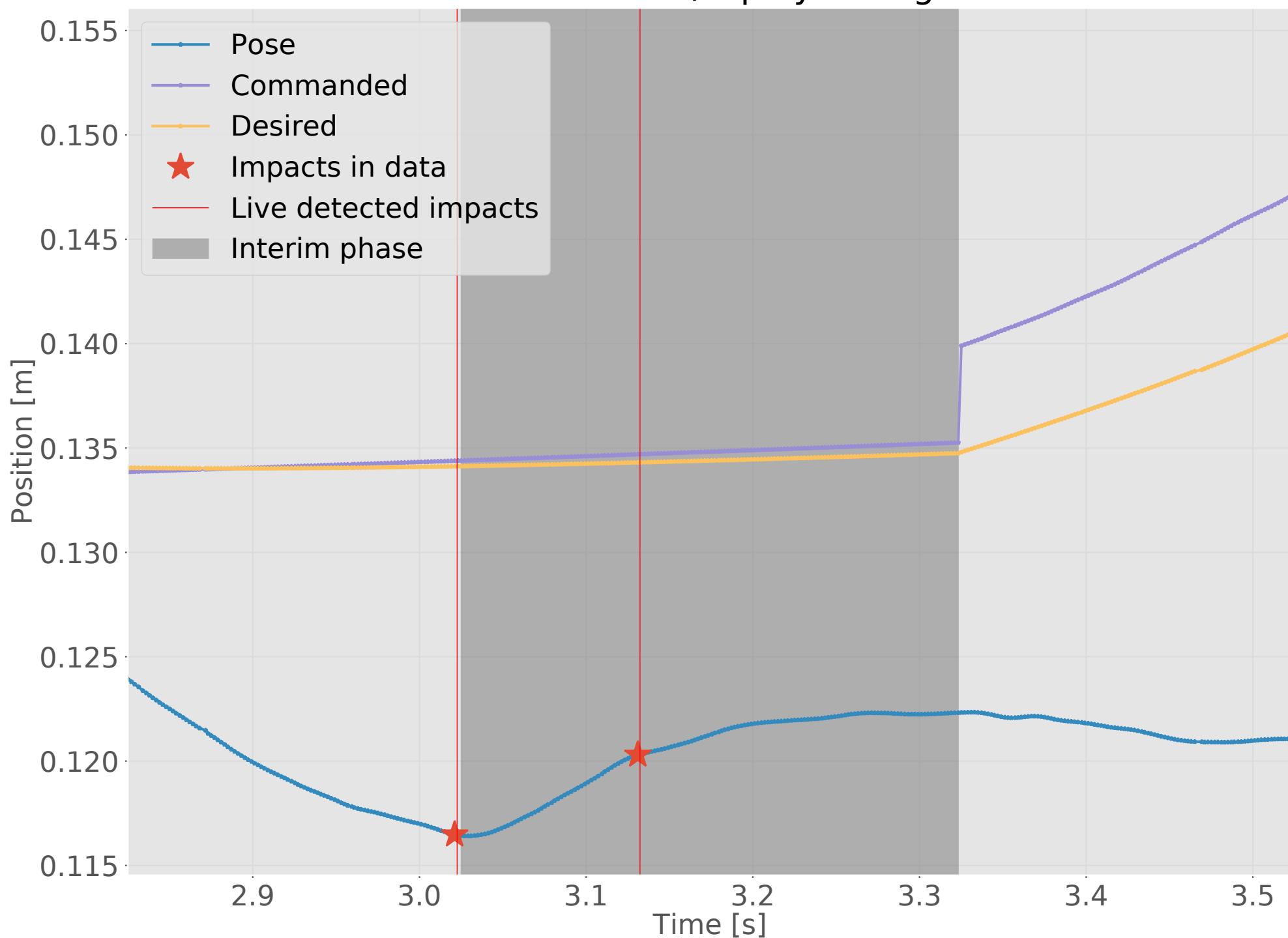
# Pose X data/replay41.bag



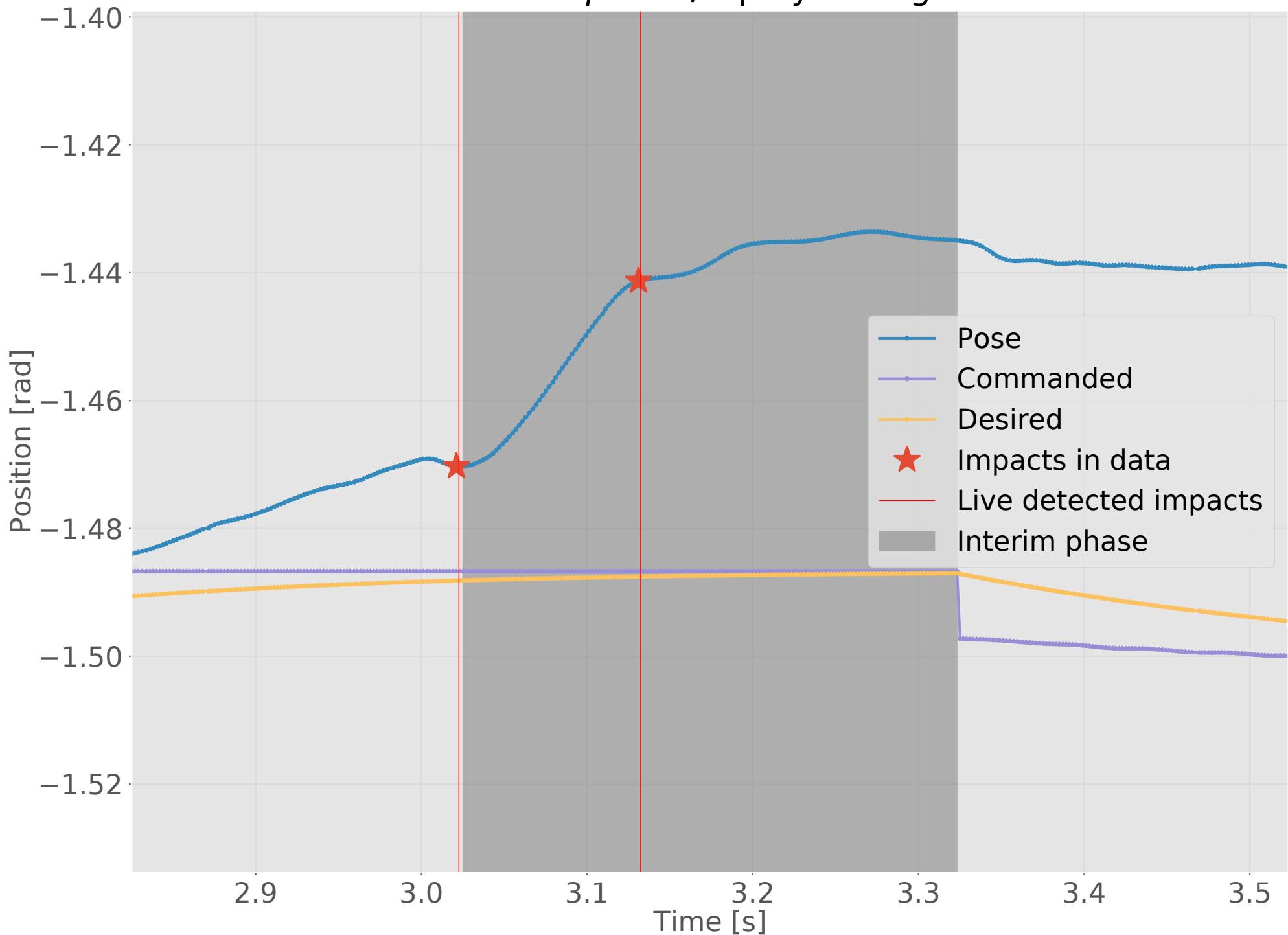
# Pose Y data/replay41.bag



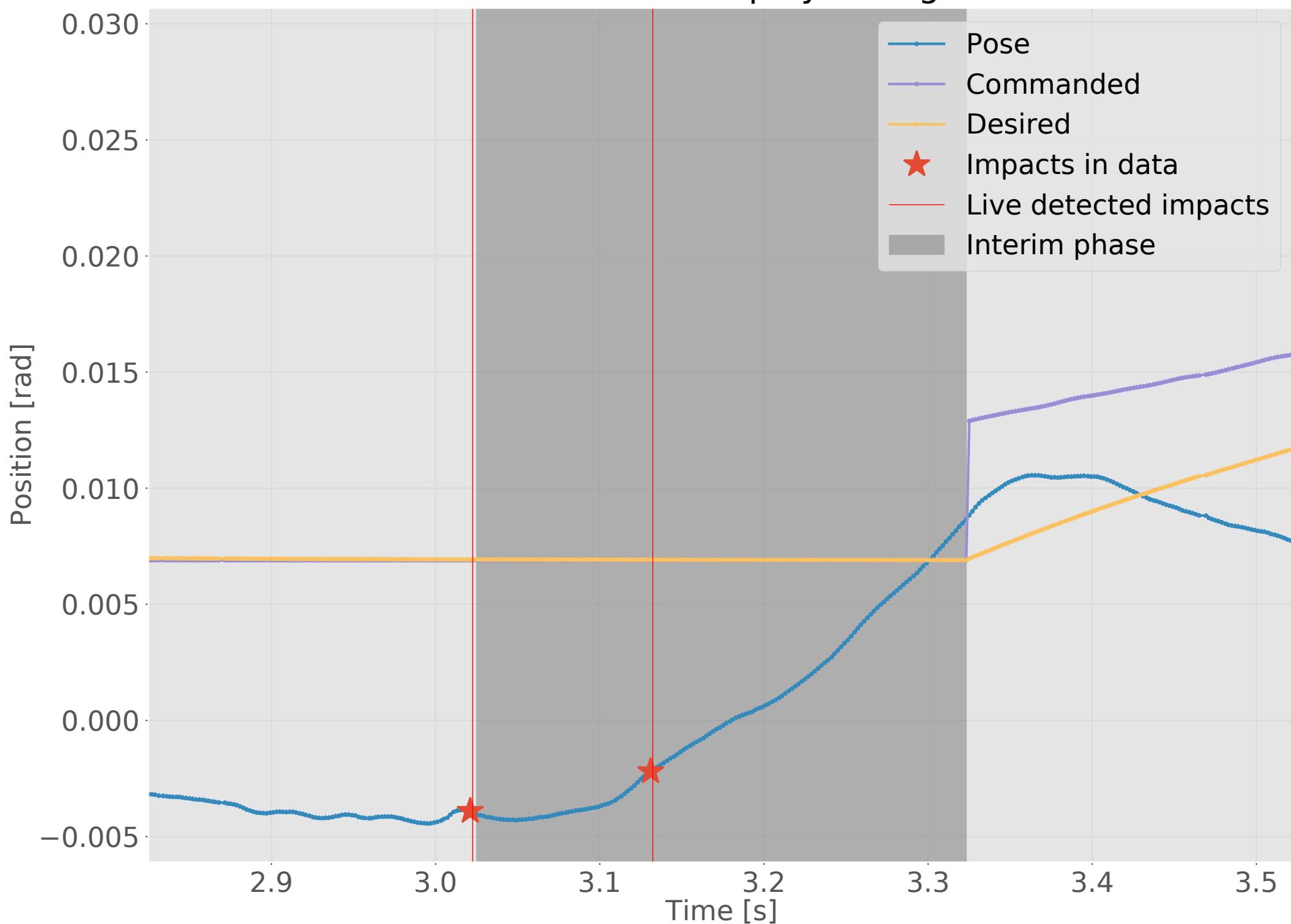
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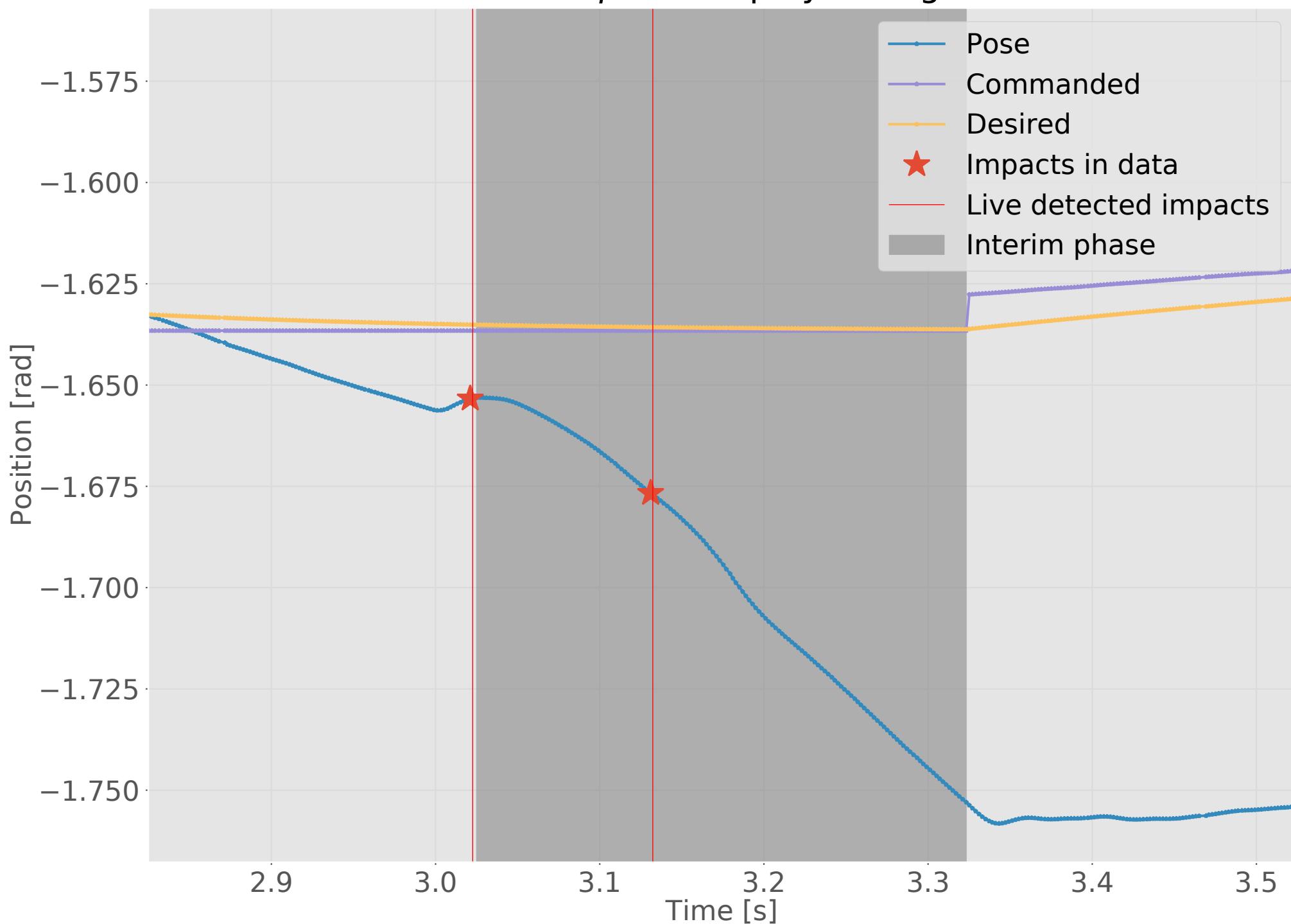
# Pose $\phi$ data/replay41.bag



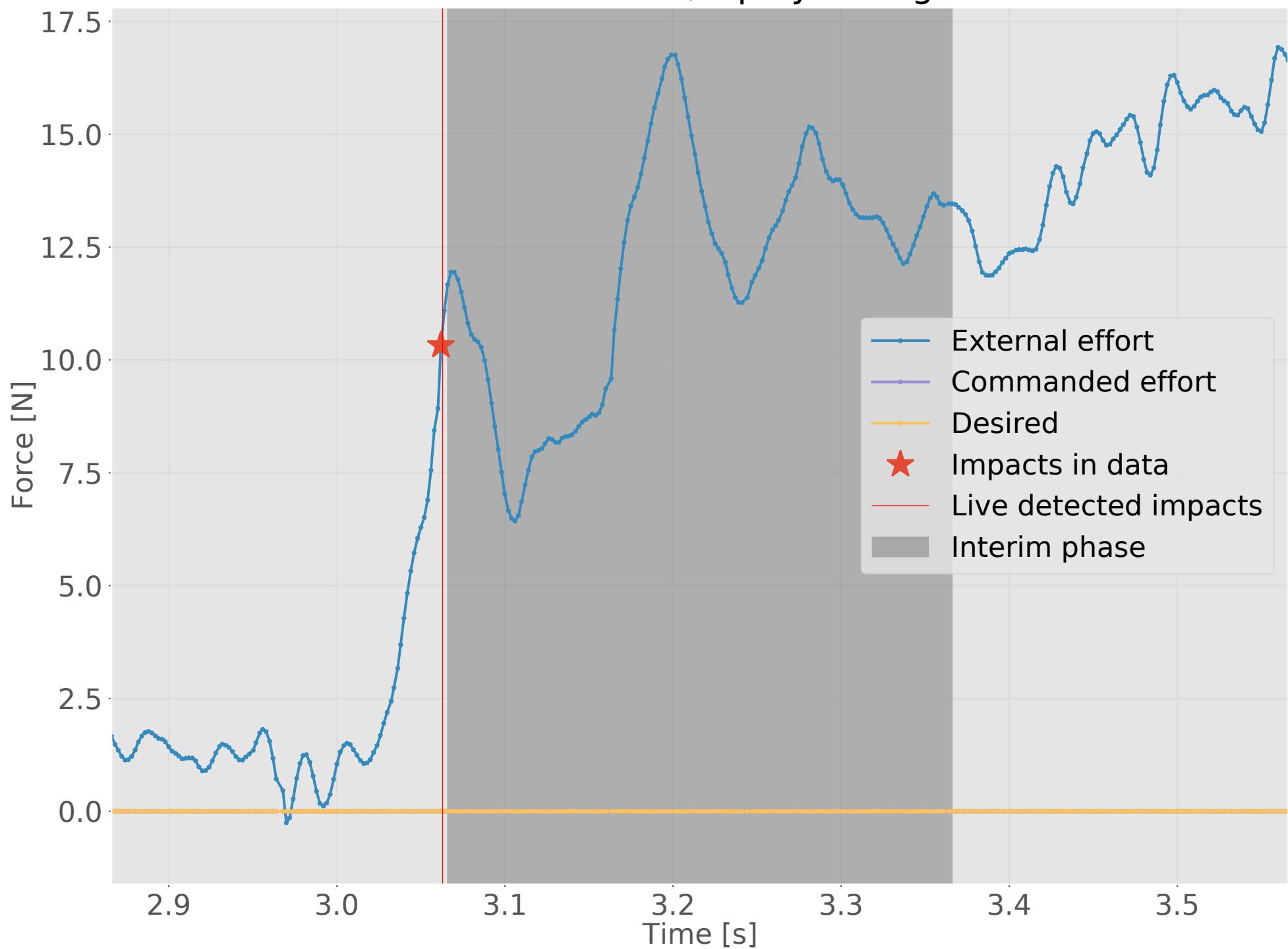
# Pose $\theta$ data/replay41.bag



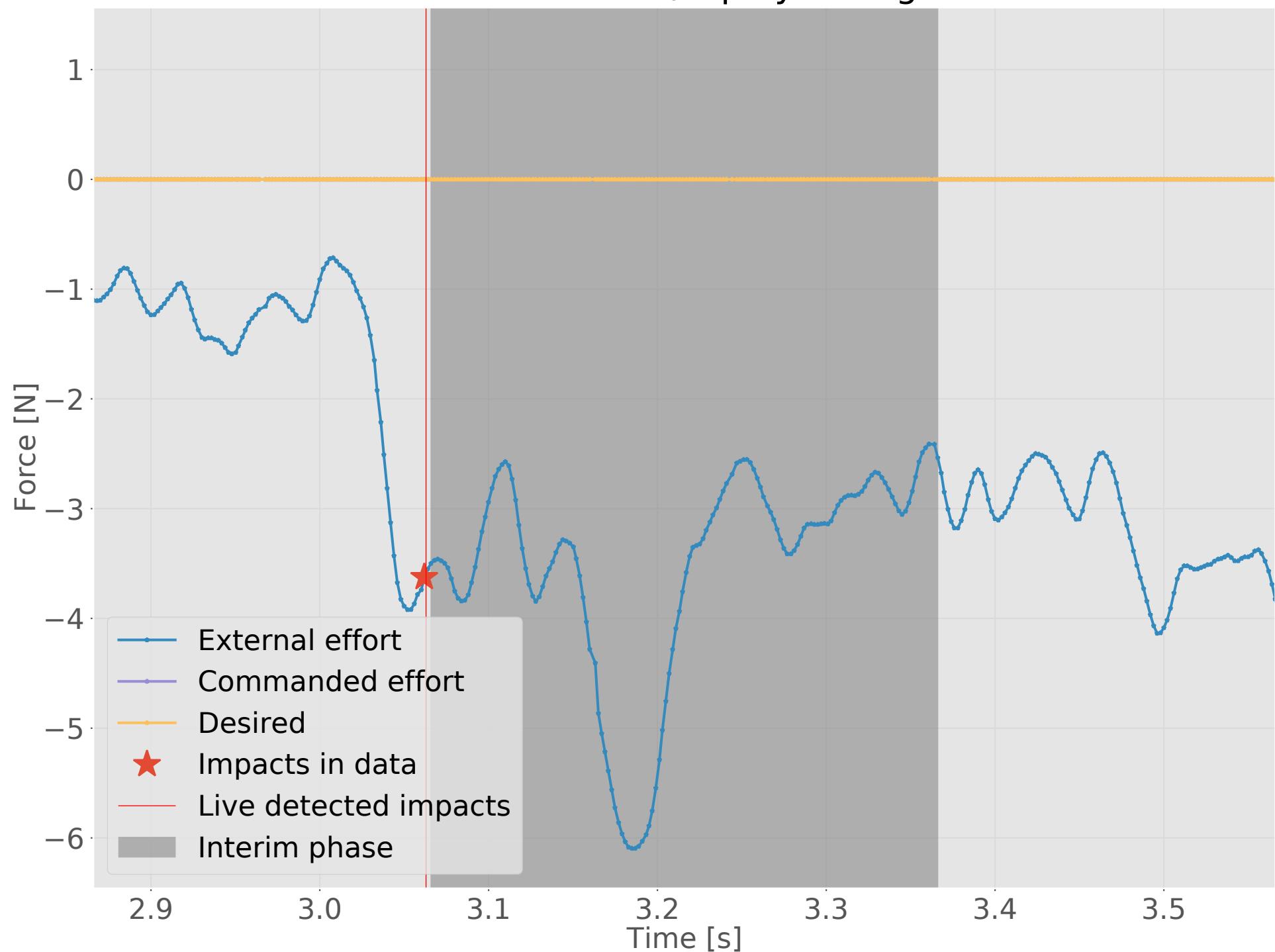
## Pose $\psi$ data/replay41.bag



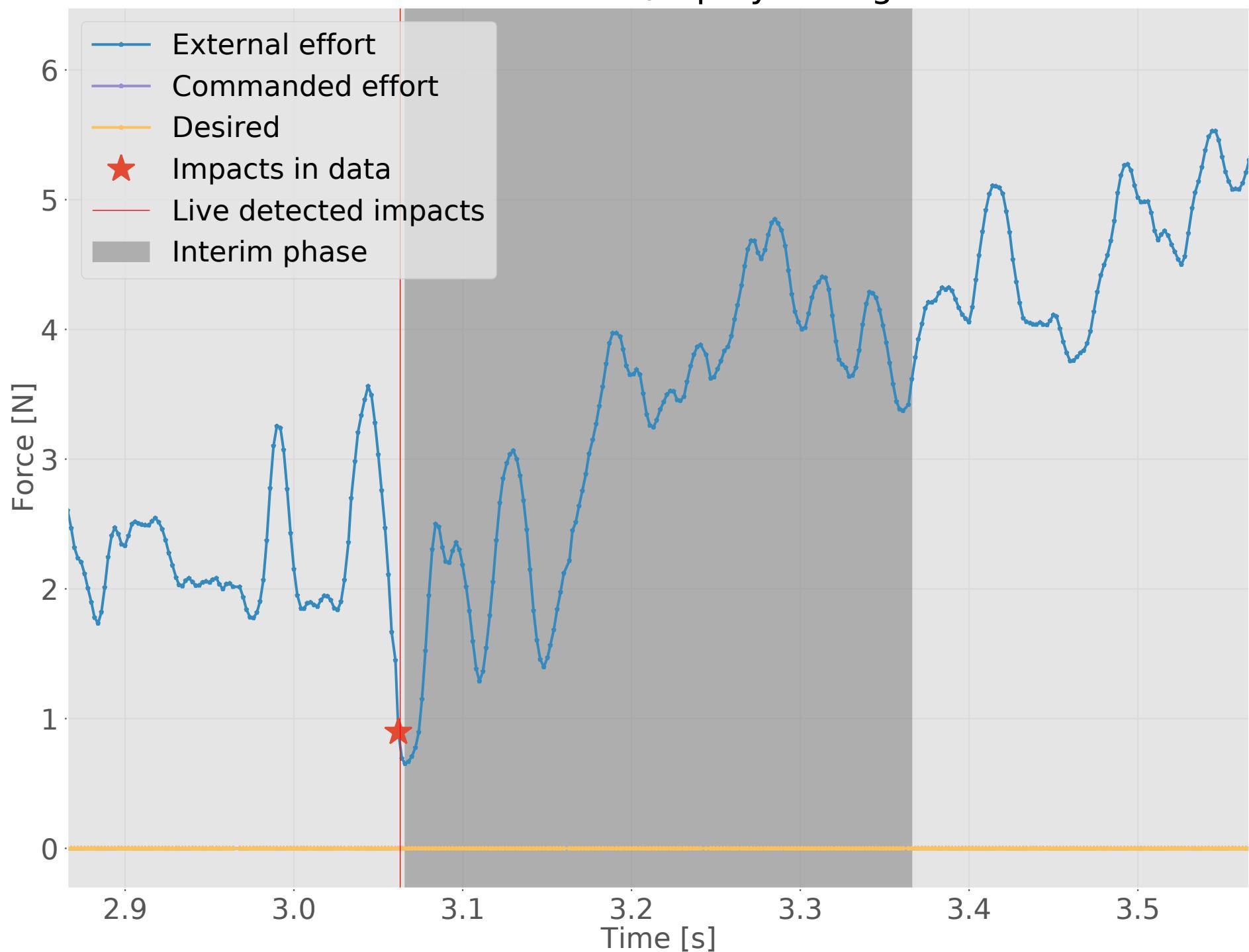
## Effort X data/replay28.bag



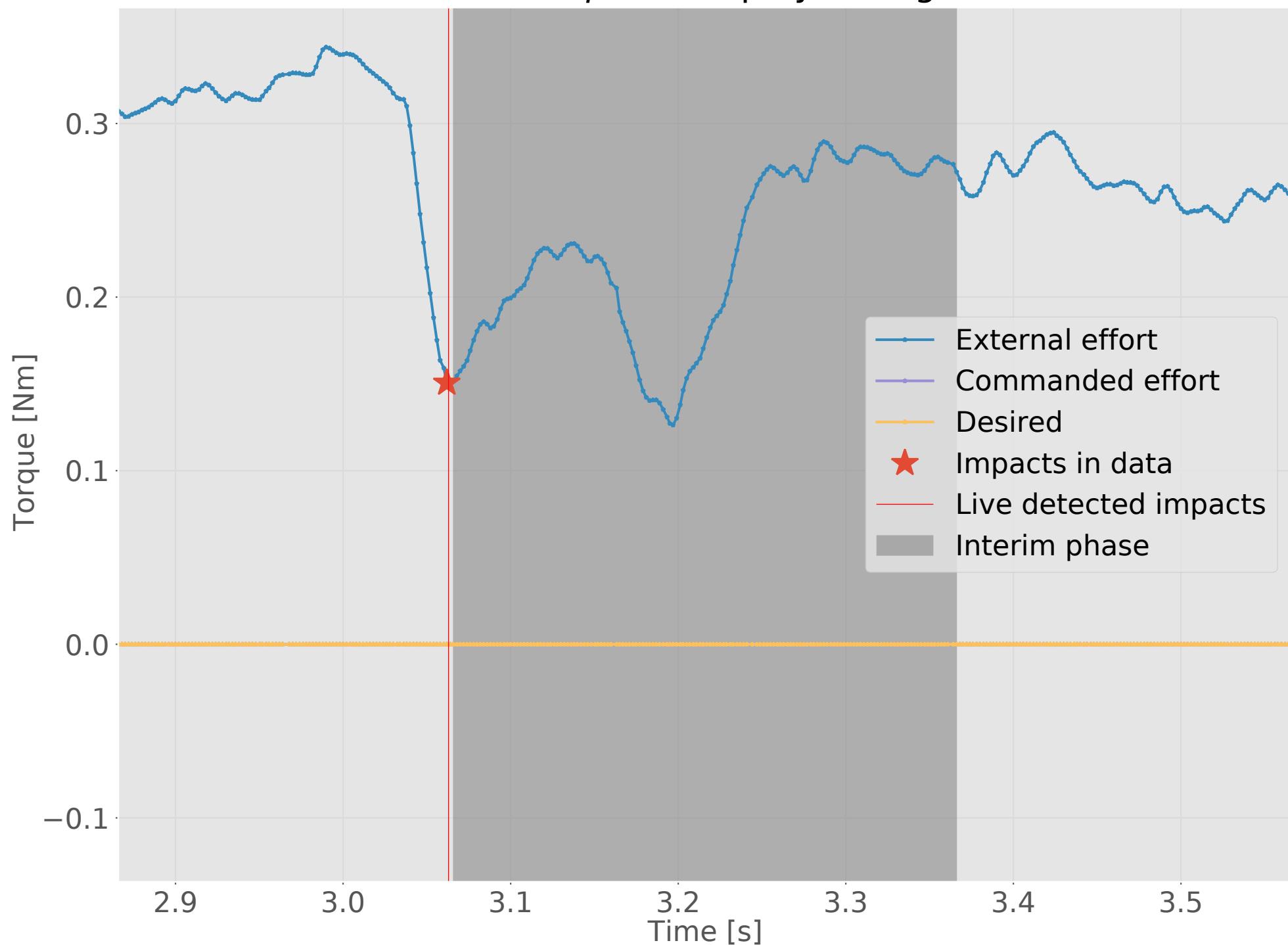
## Effort Y data/replay28.bag



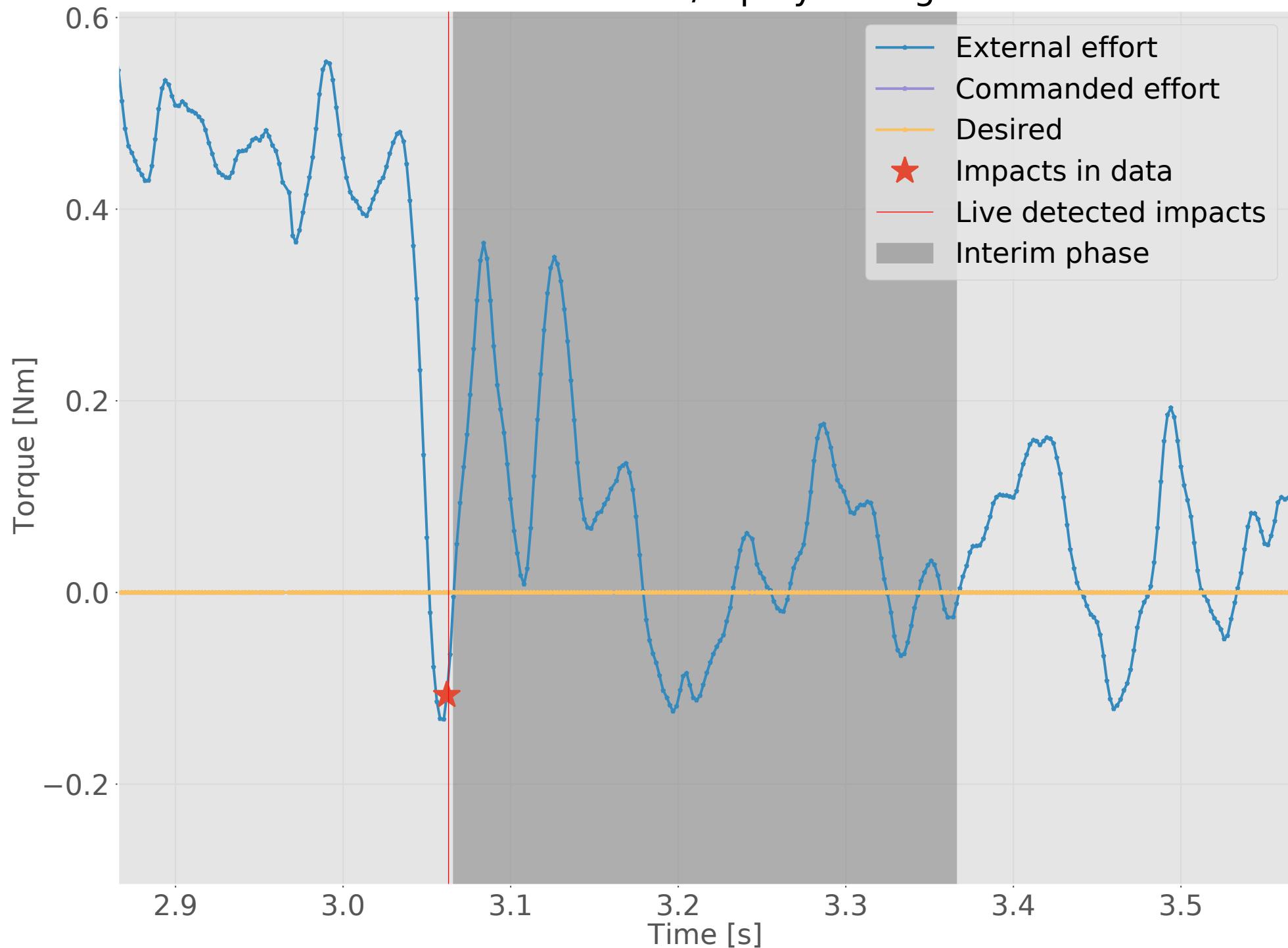
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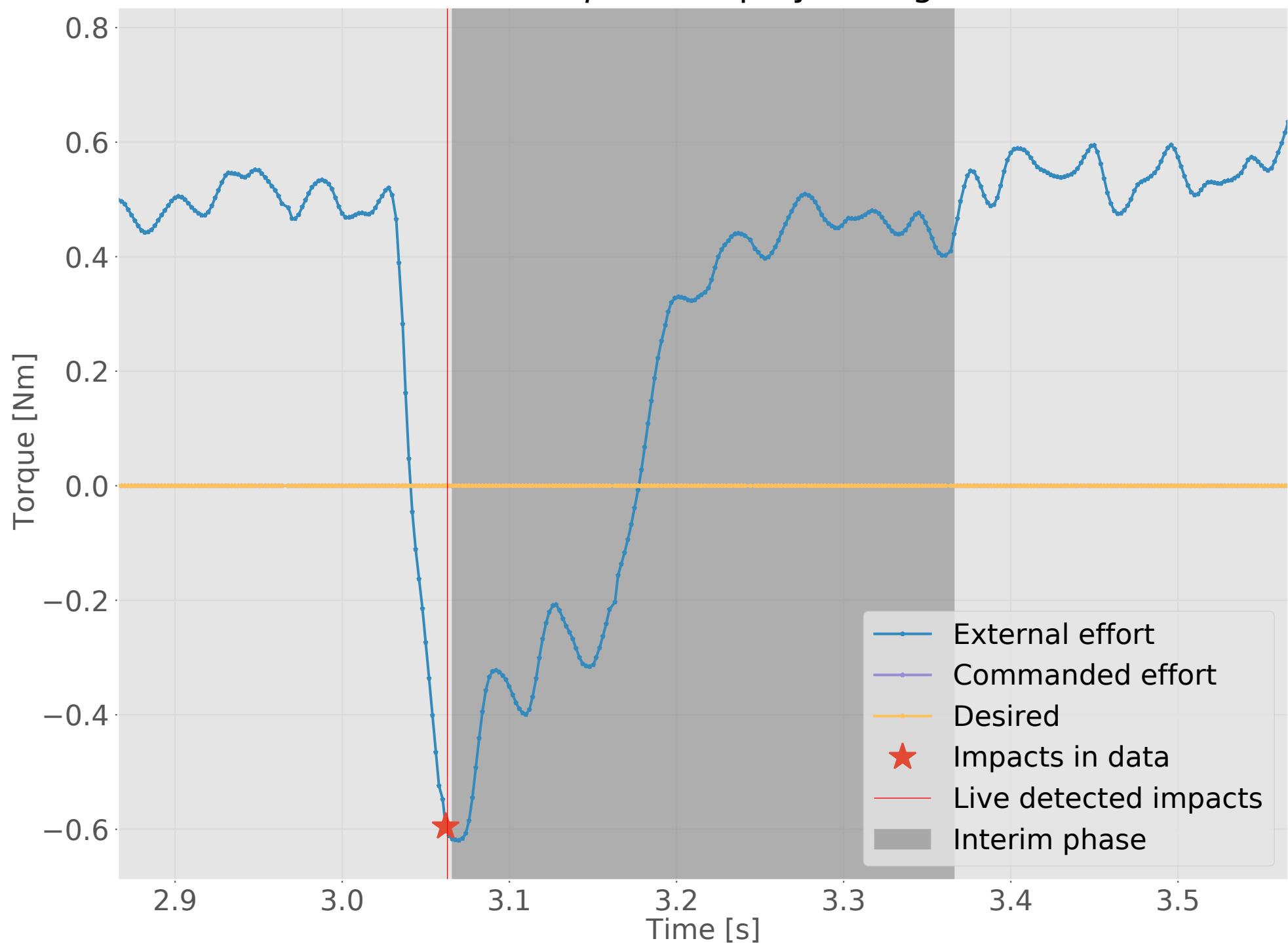
## Effort $\phi$ data/replay28.bag



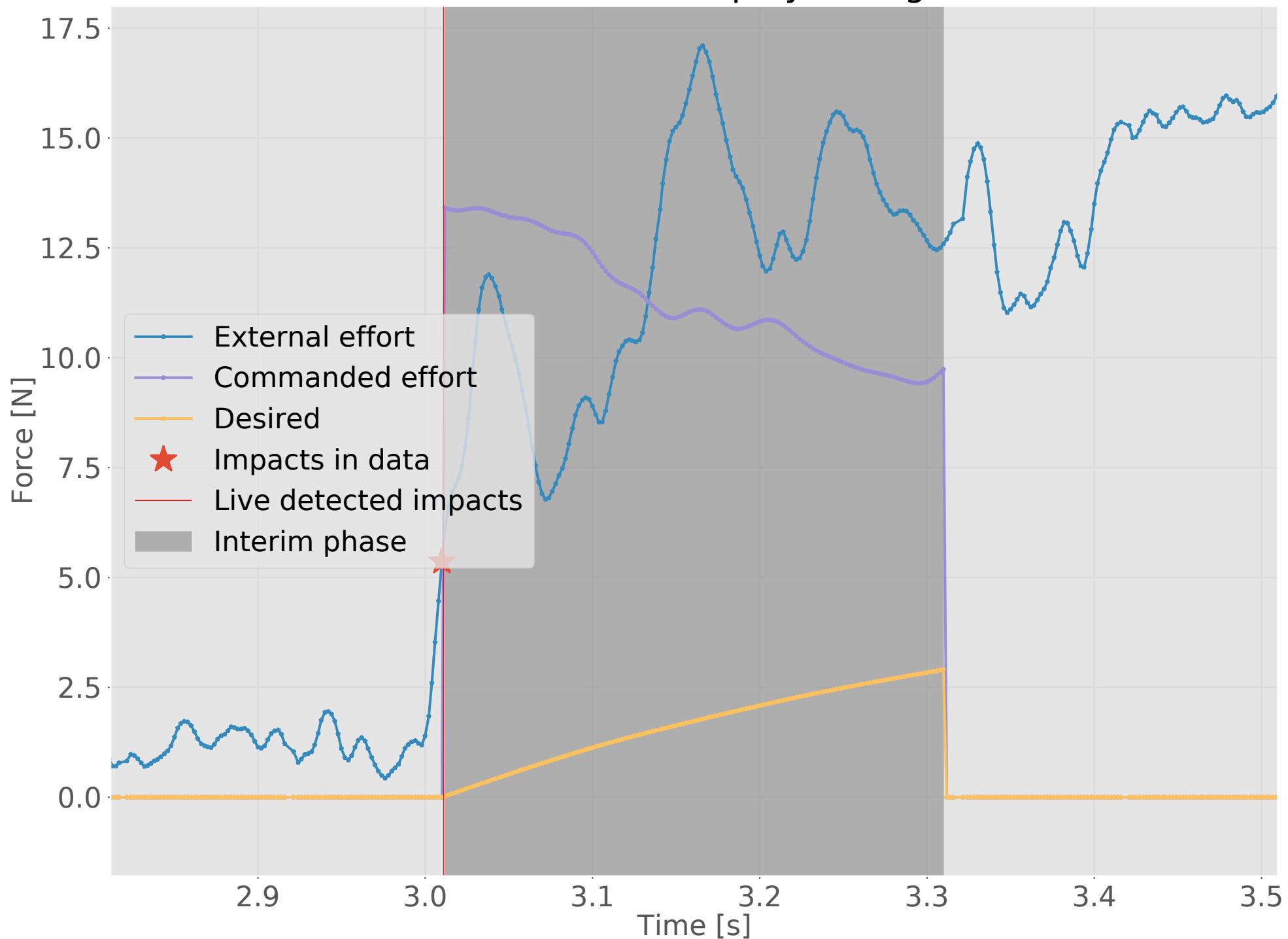
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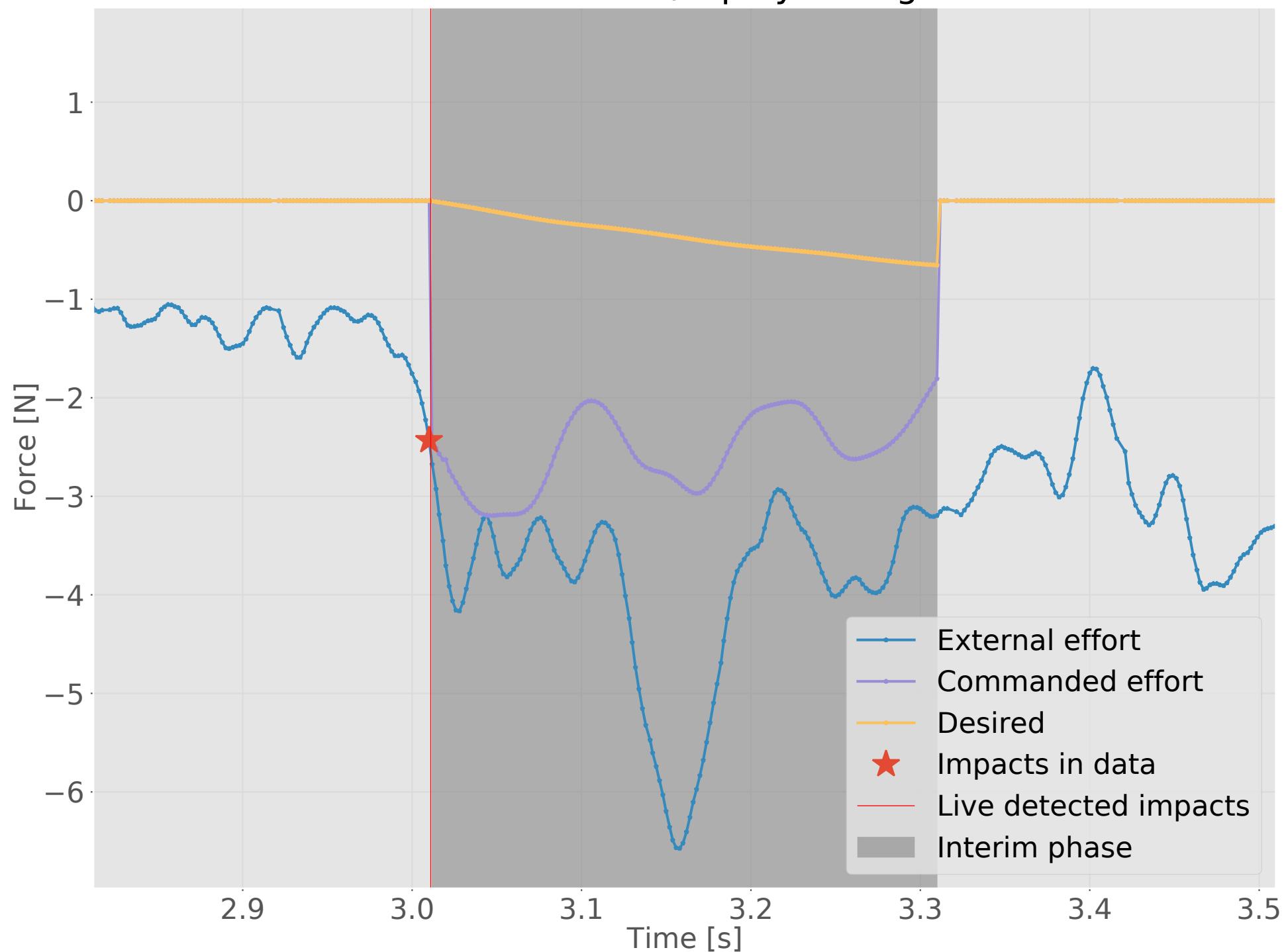
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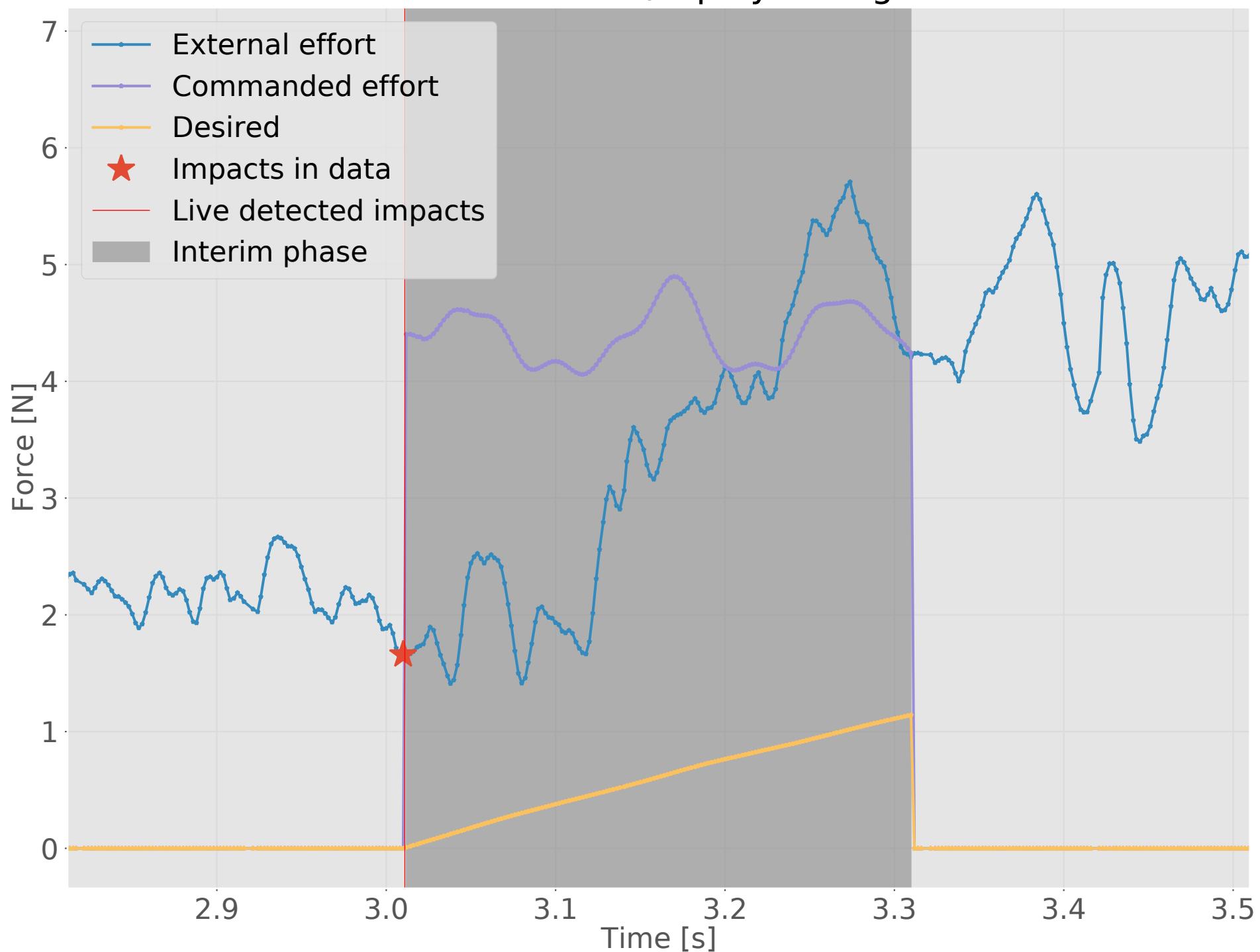
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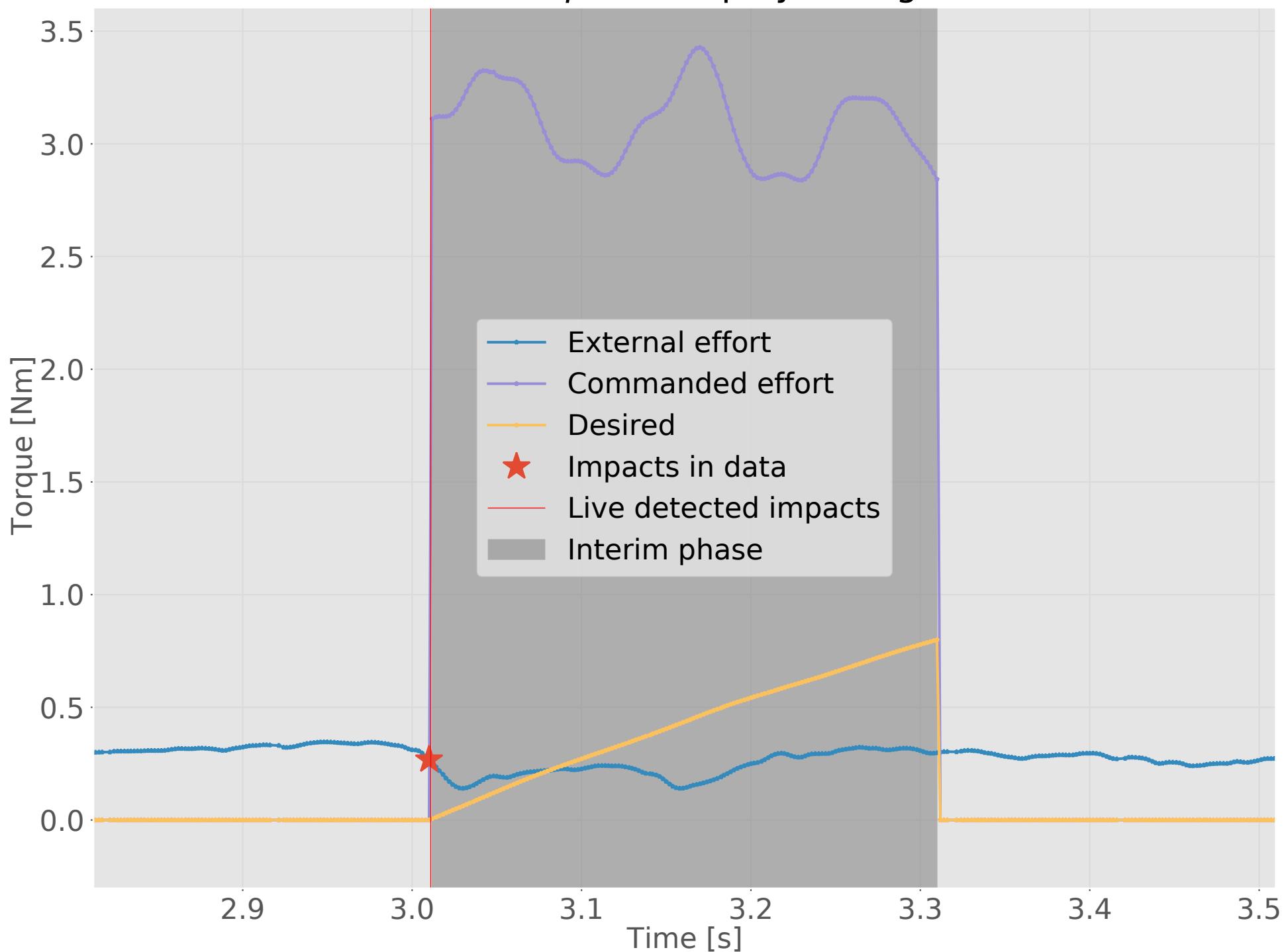
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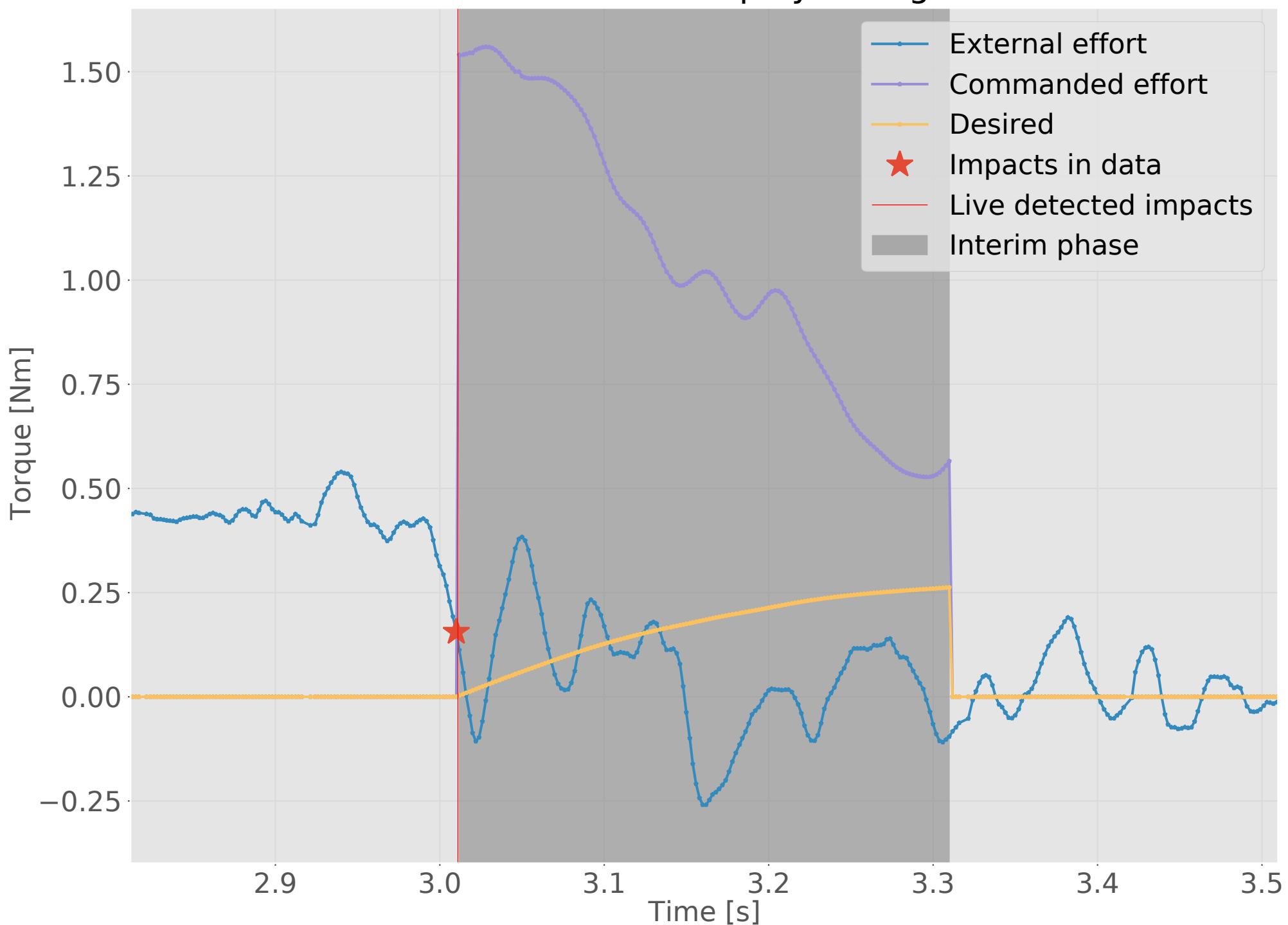
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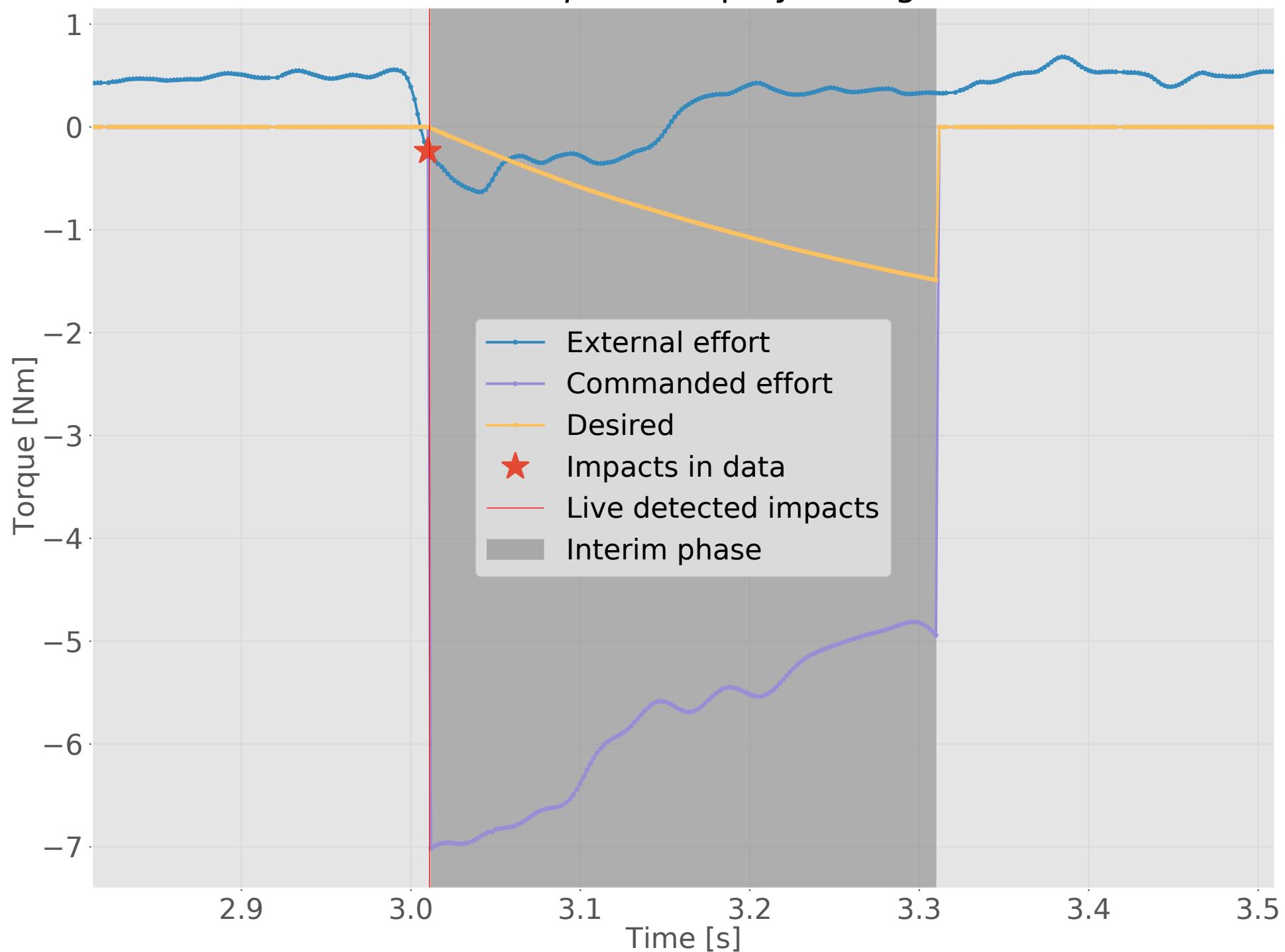
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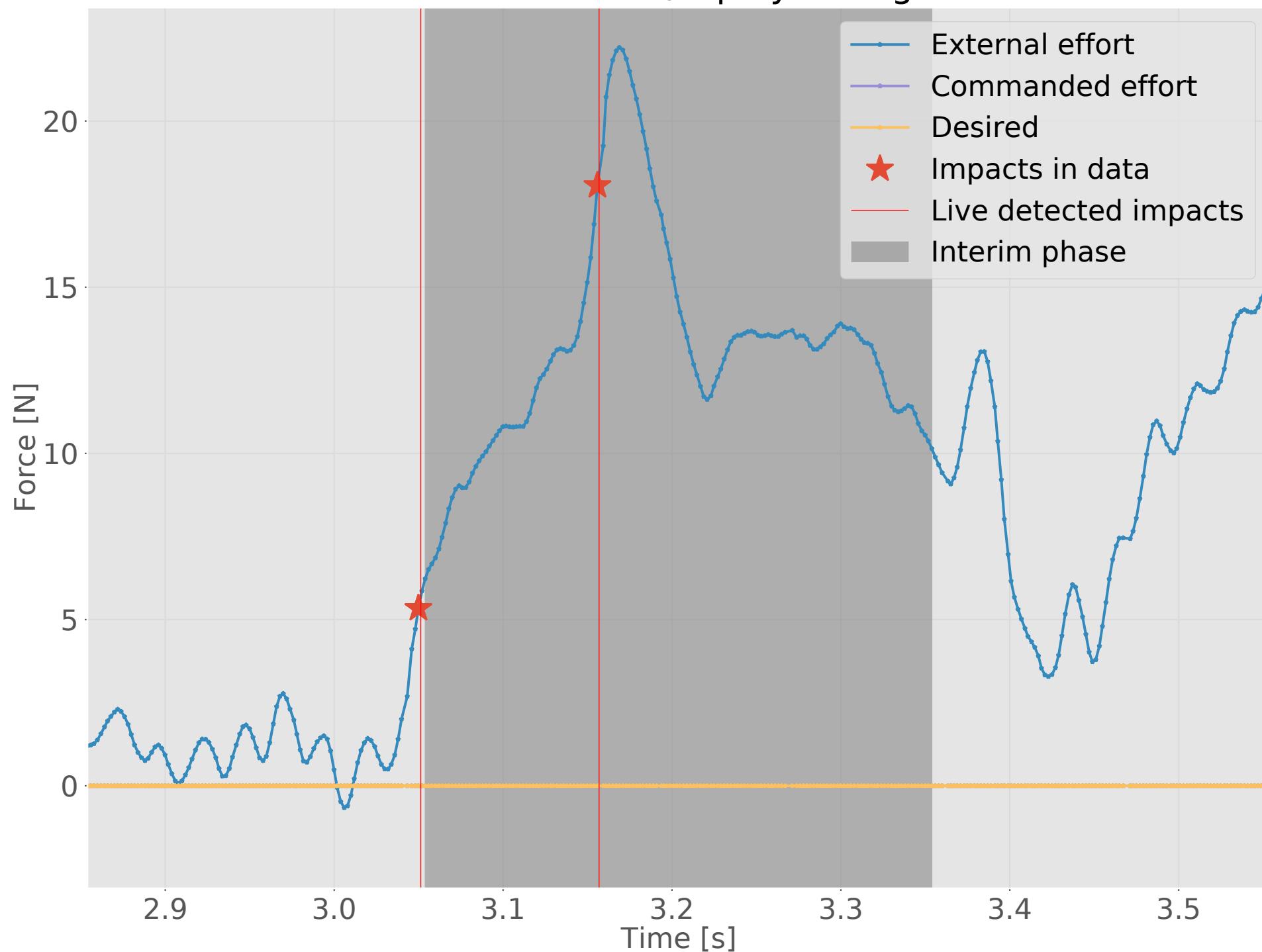
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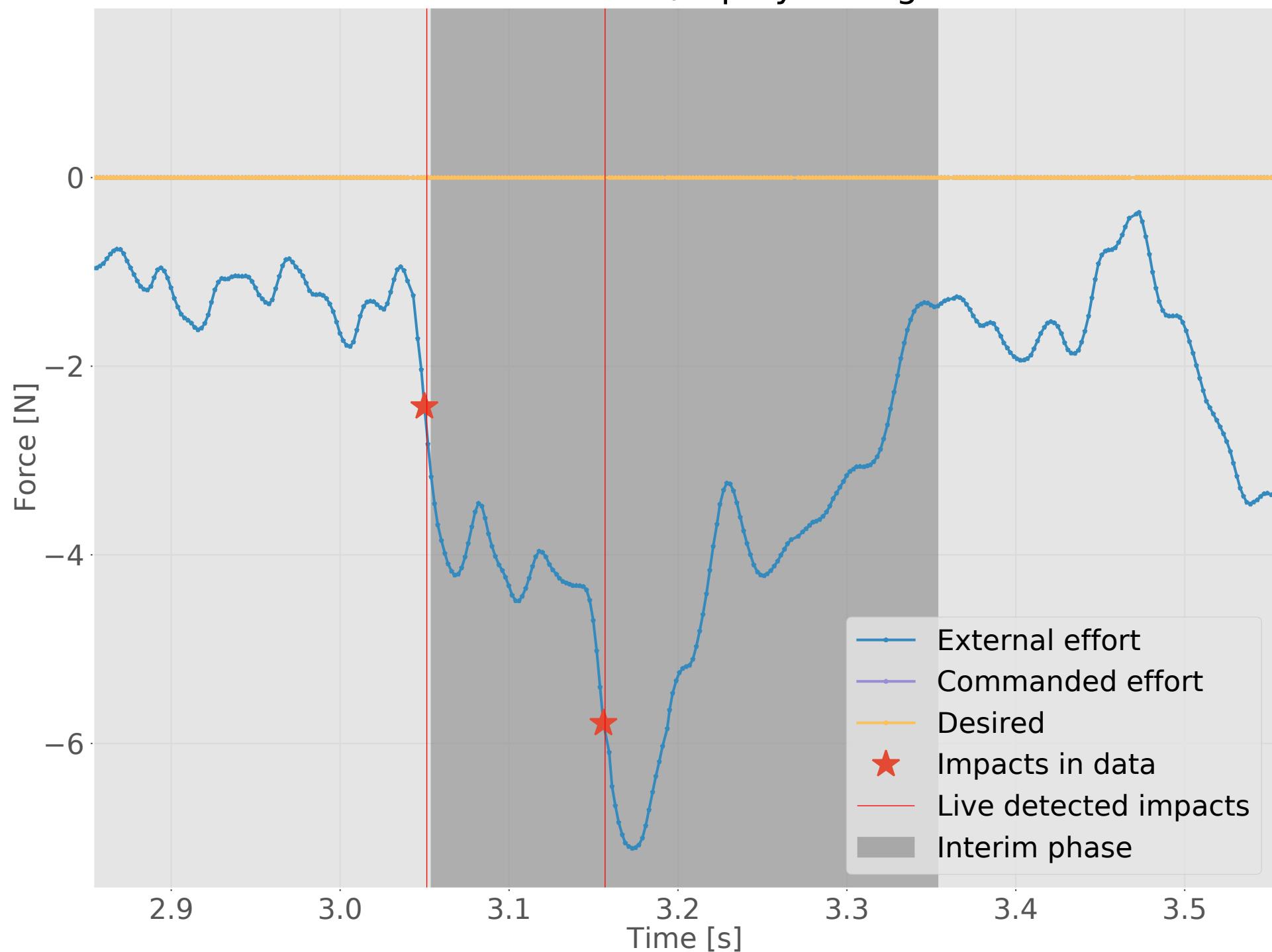
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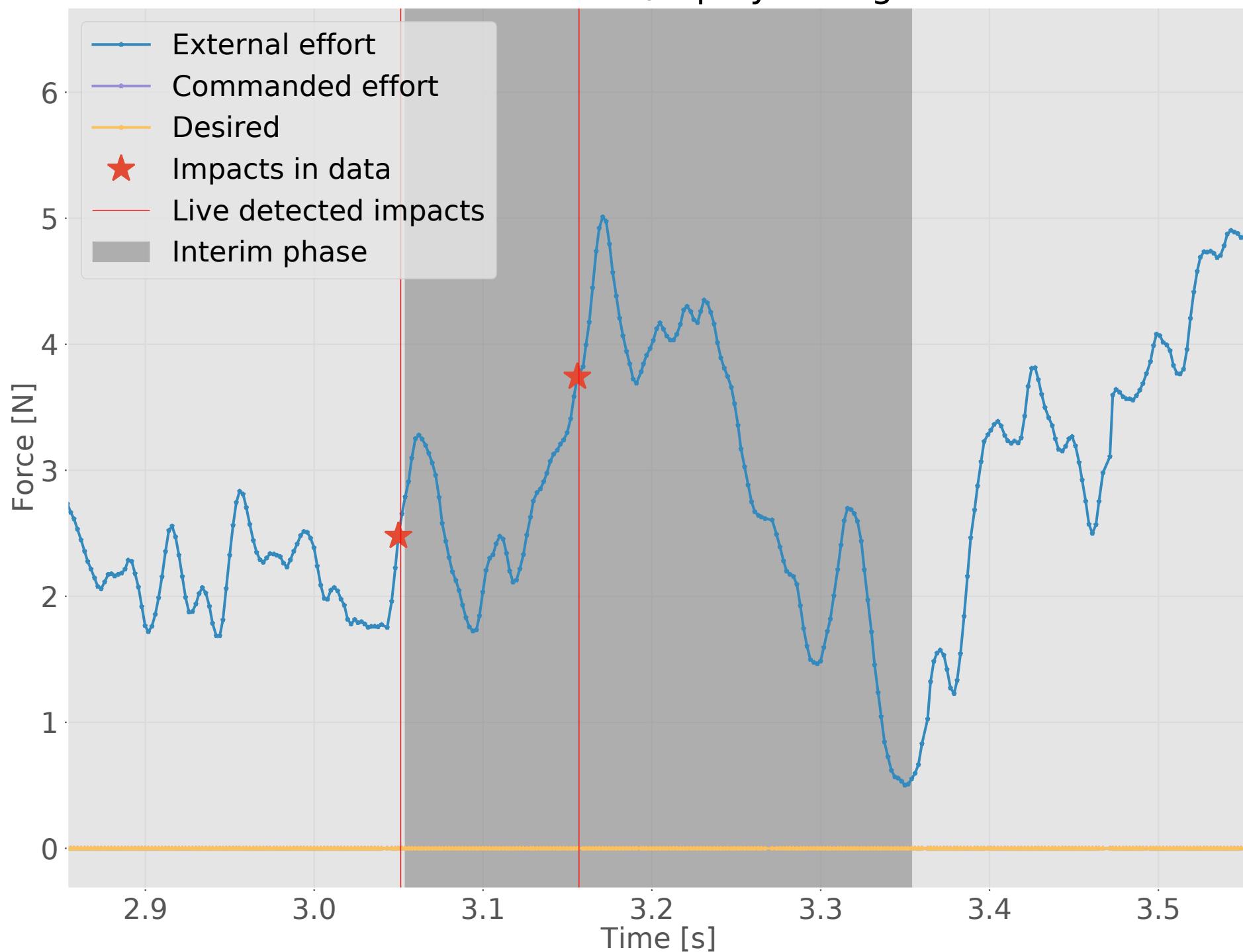
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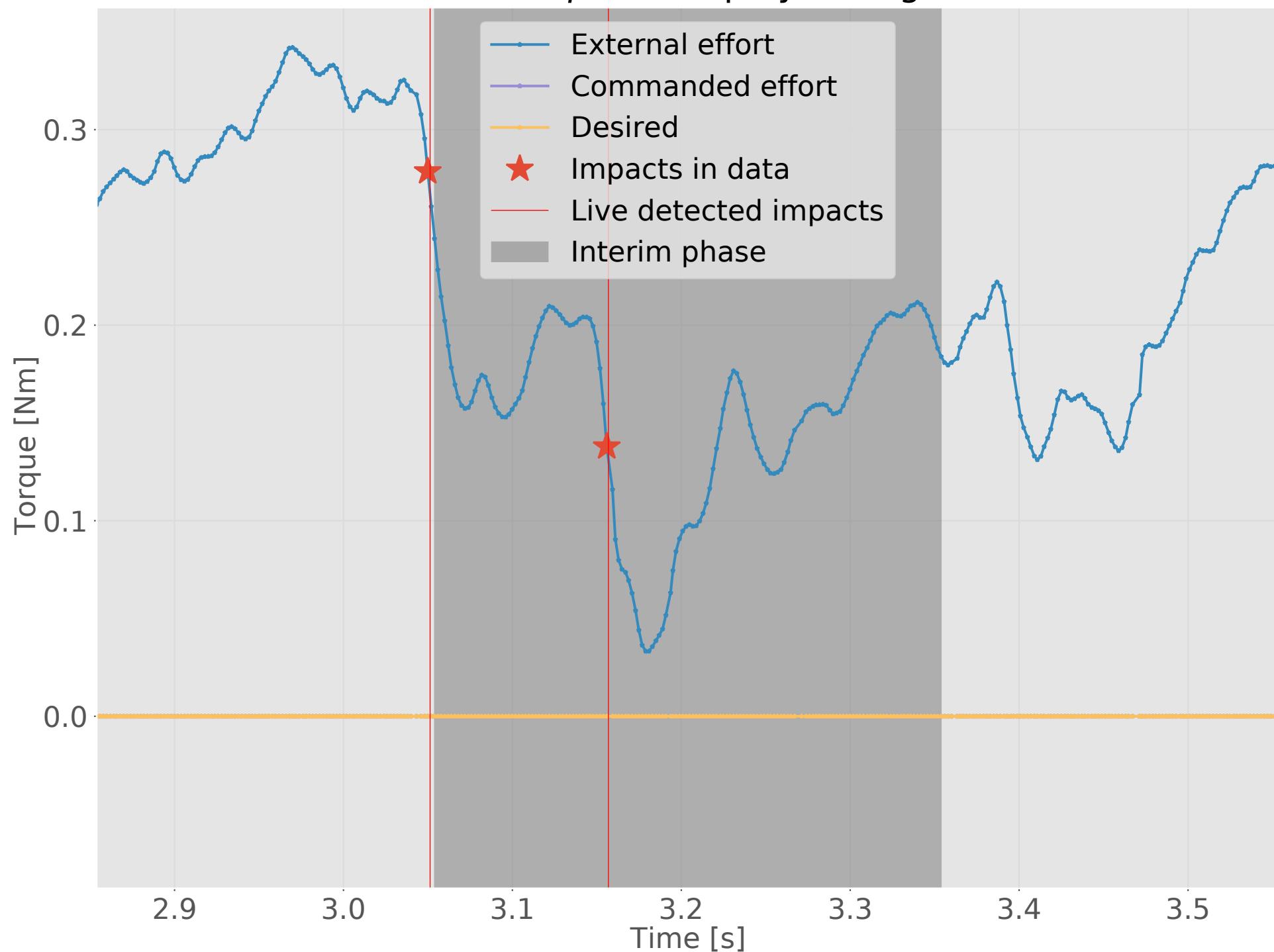
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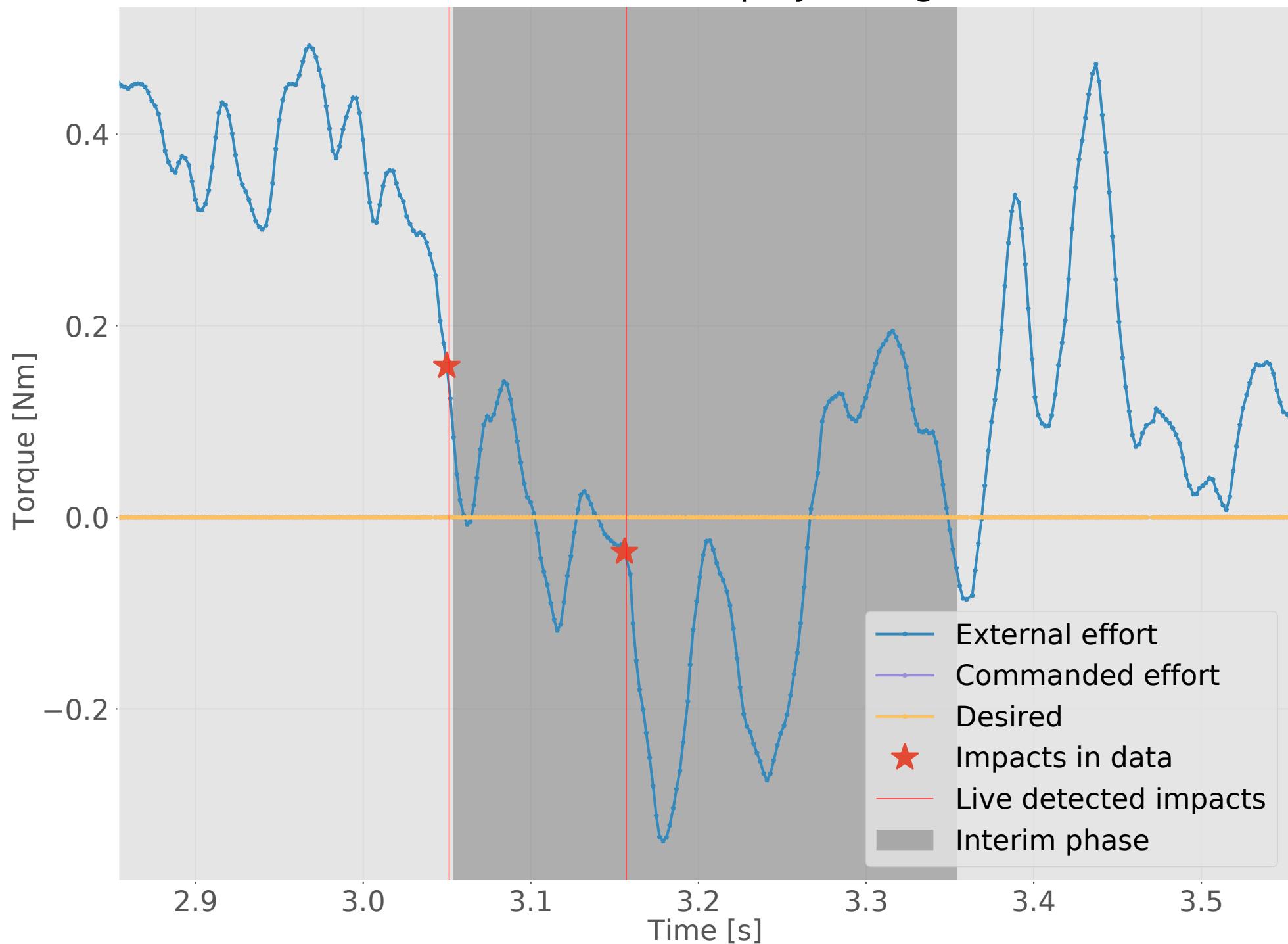
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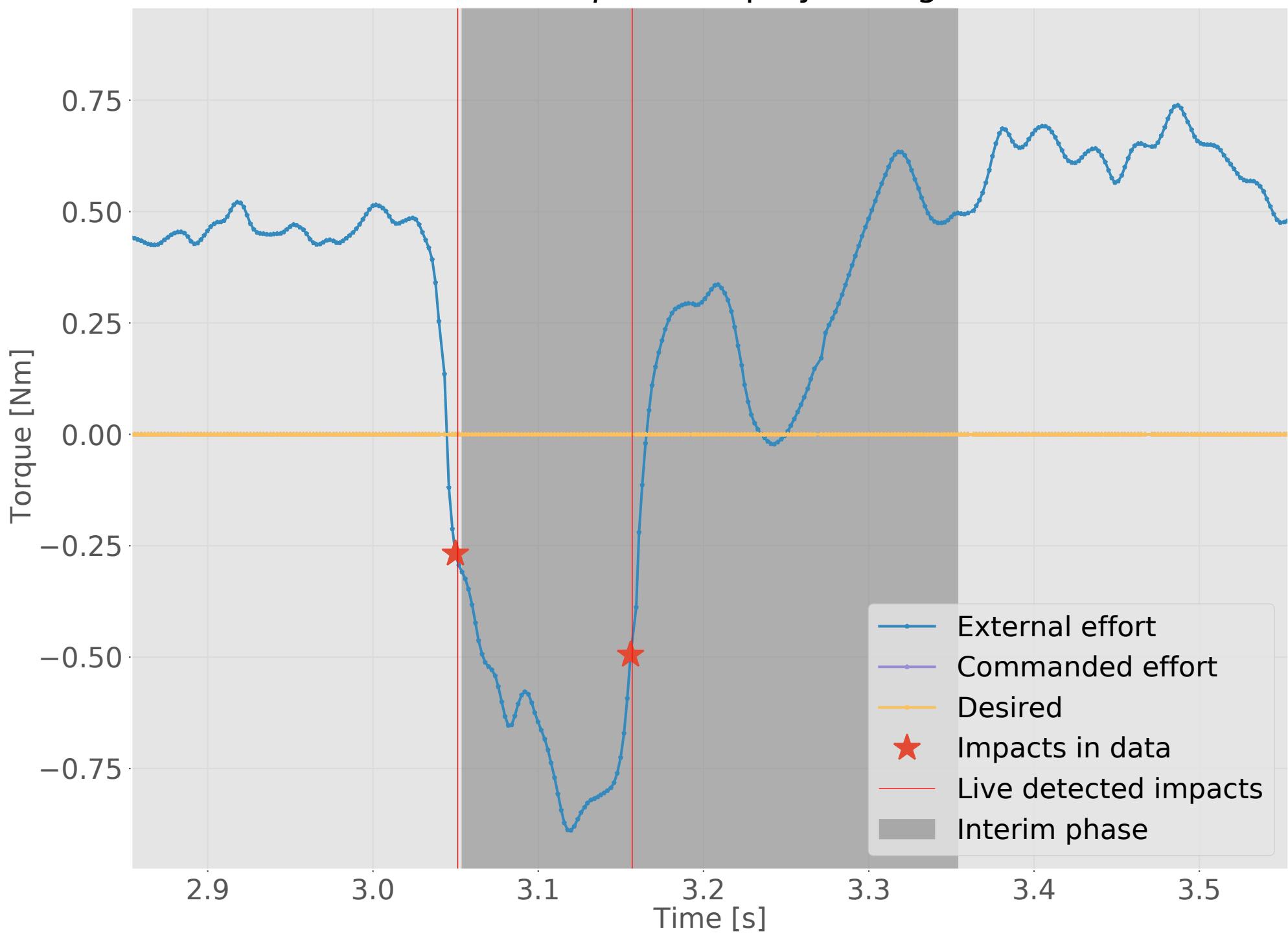
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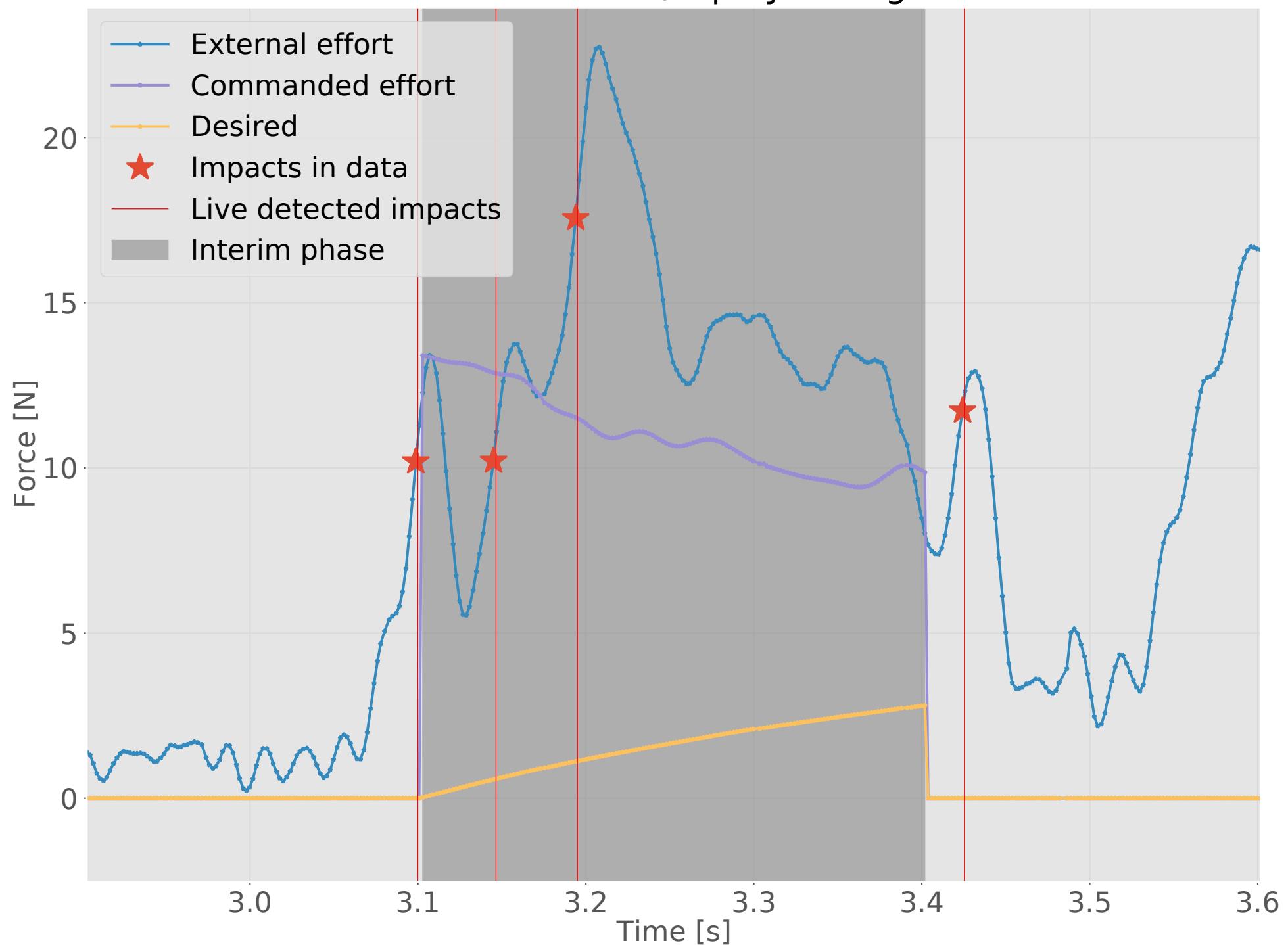
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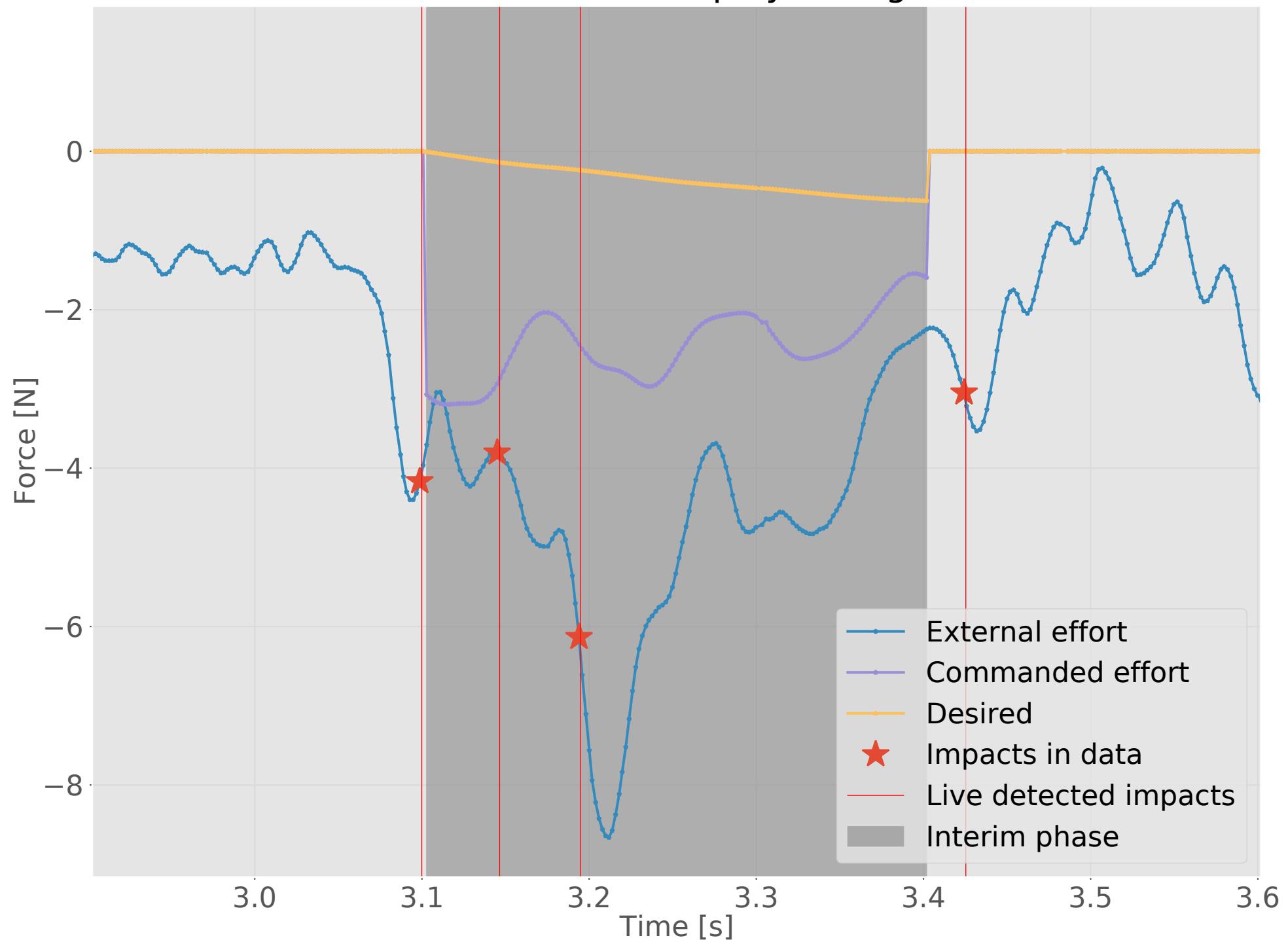
## Effort $\psi$ data/replay30.bag



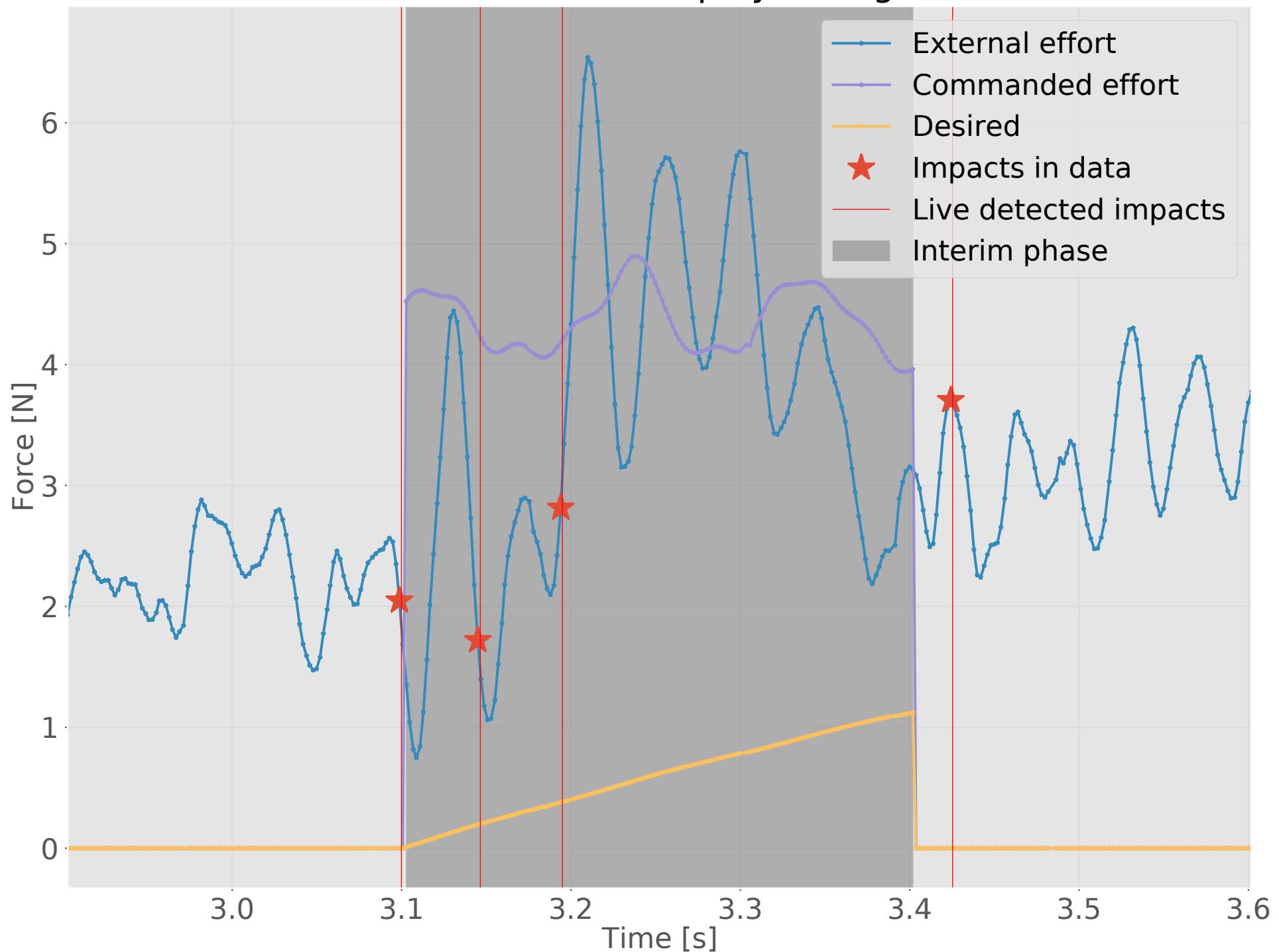
# Effort X data/replay31.bag



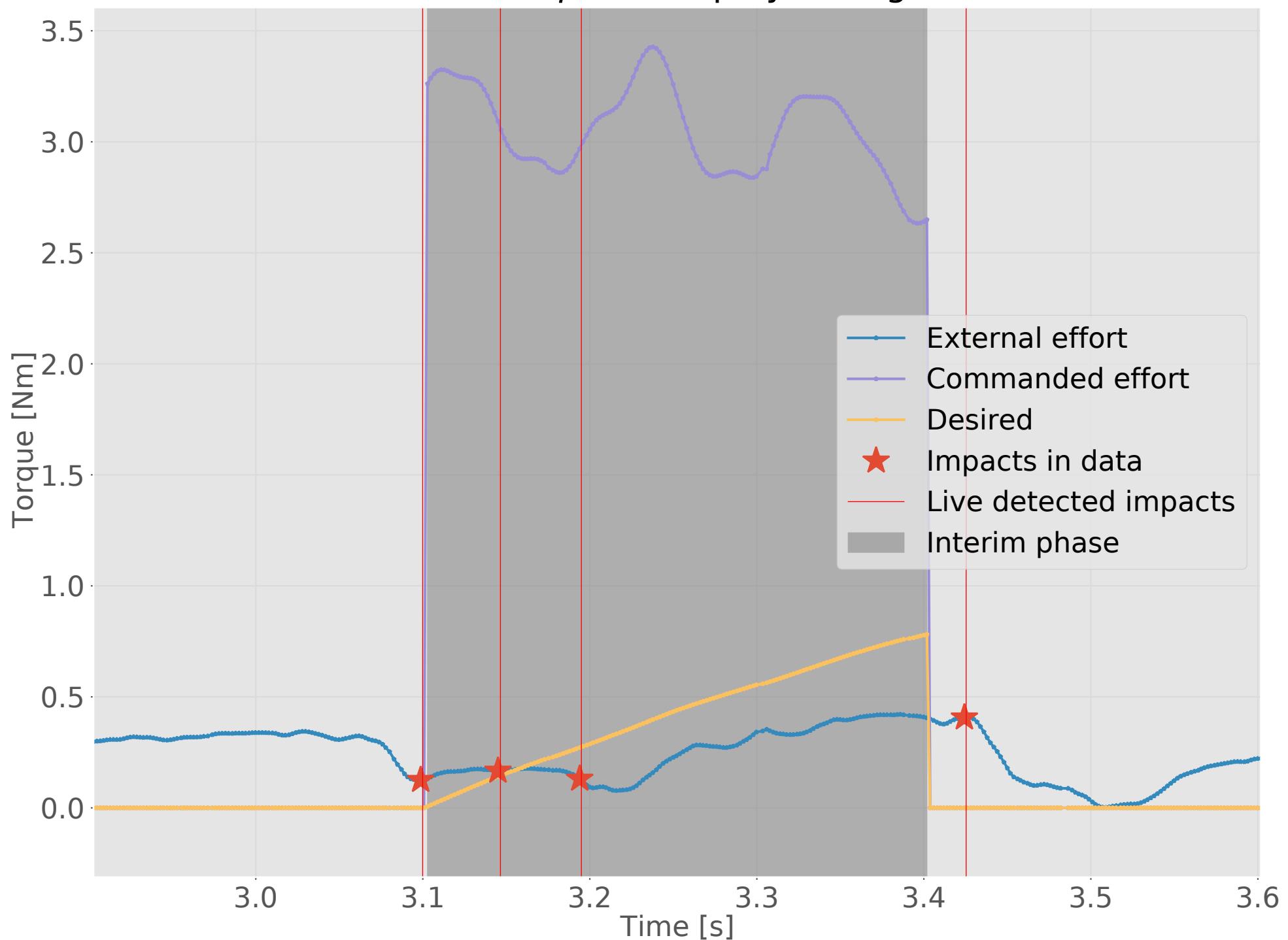
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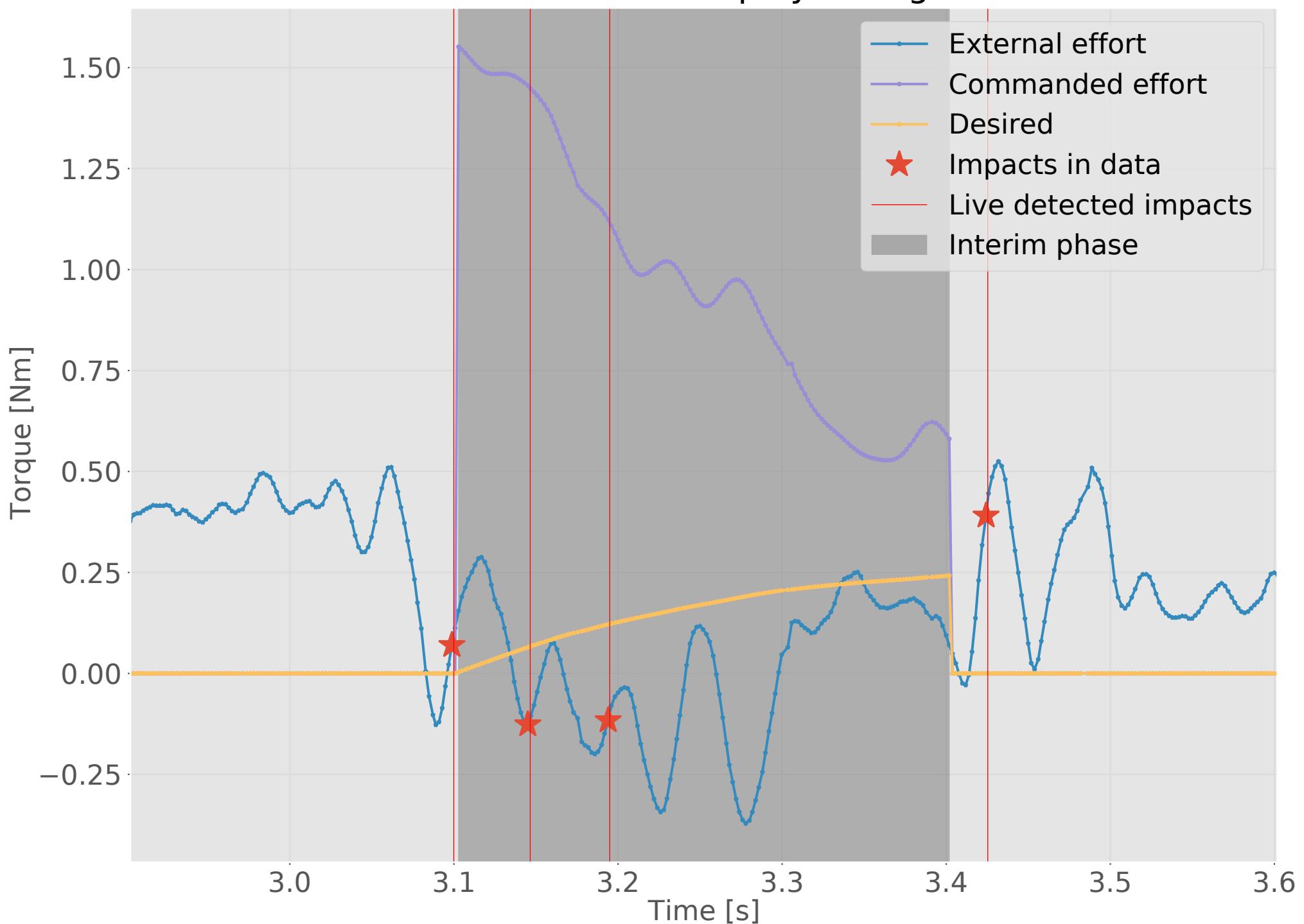
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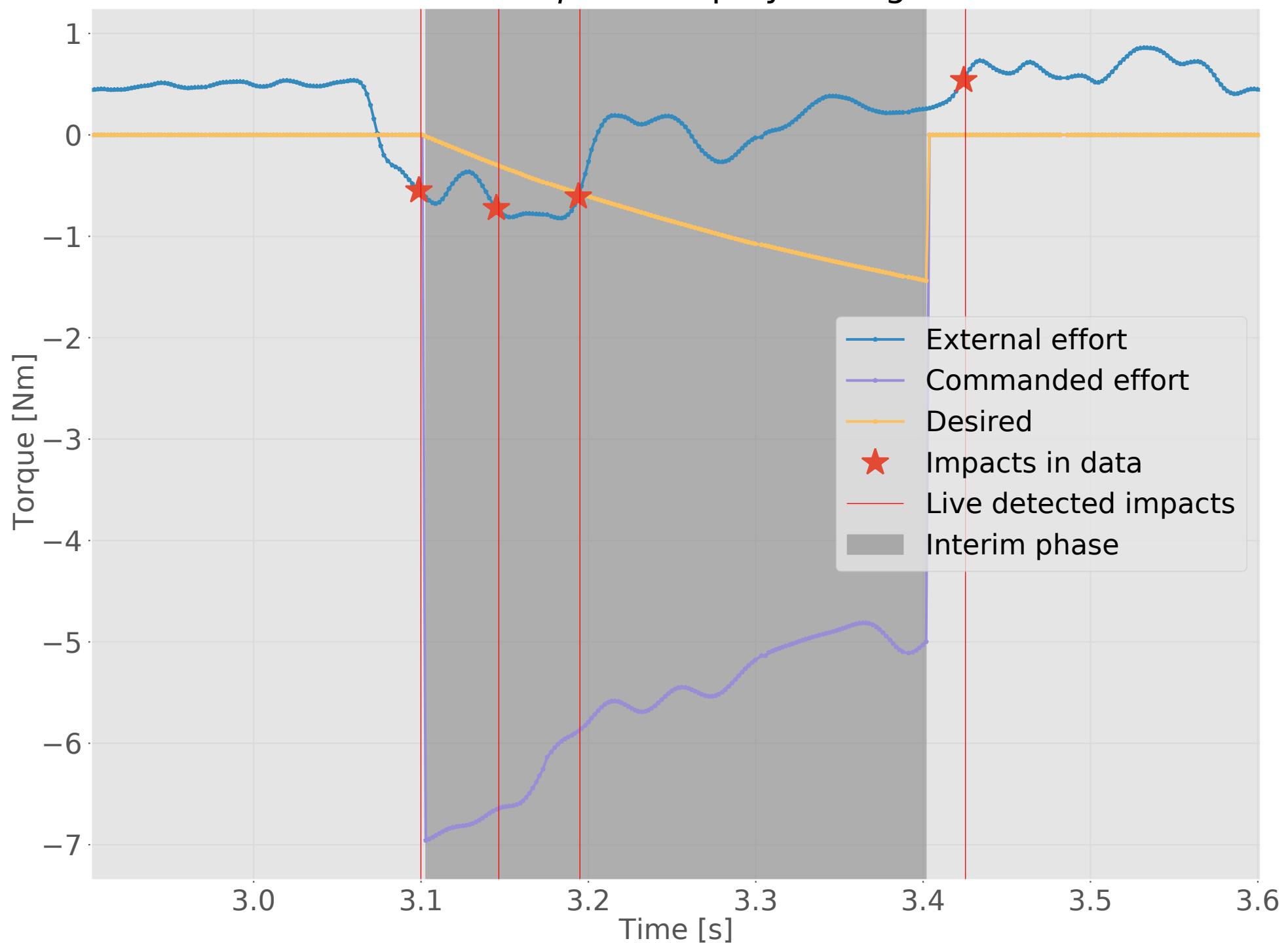
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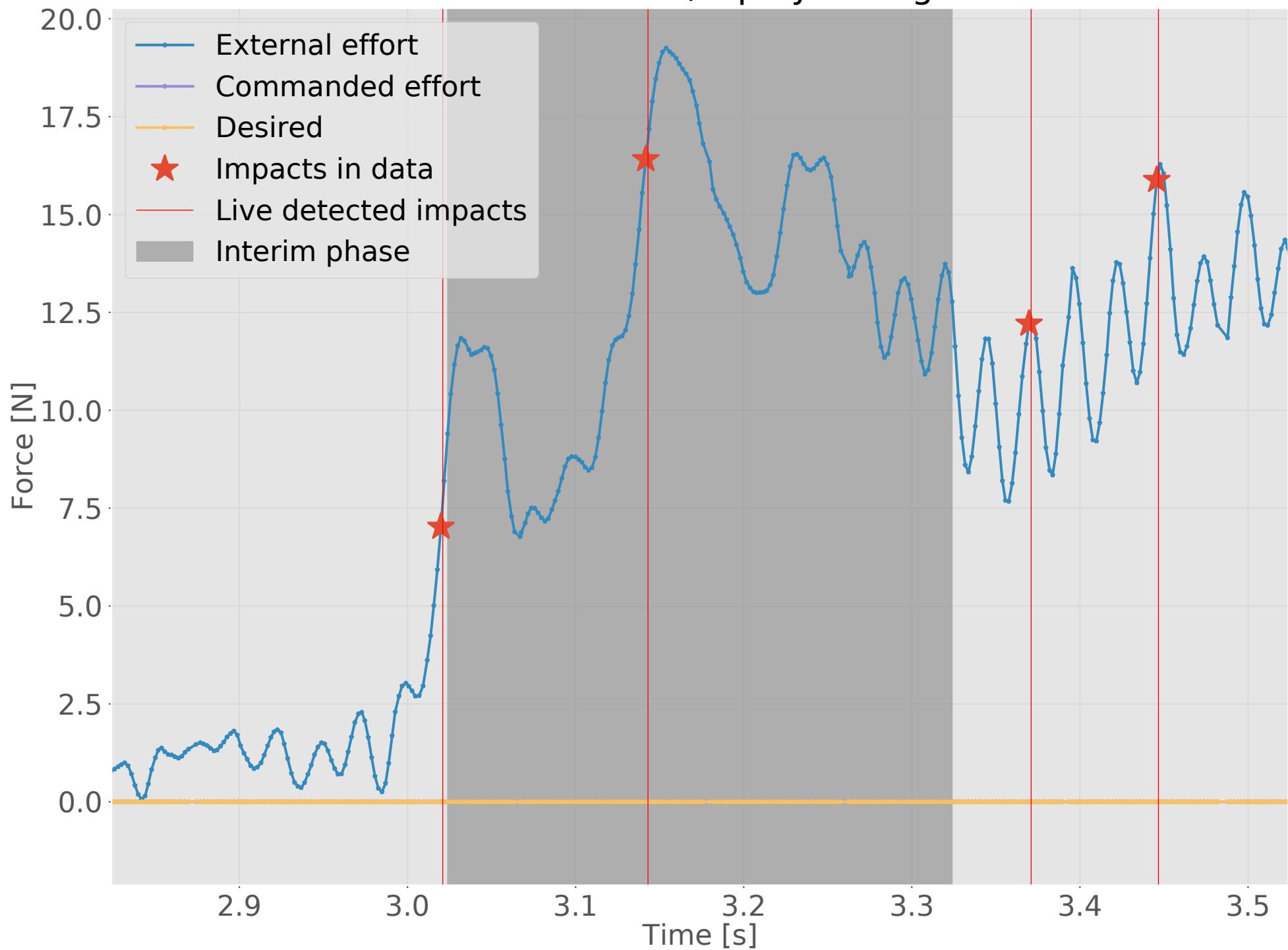
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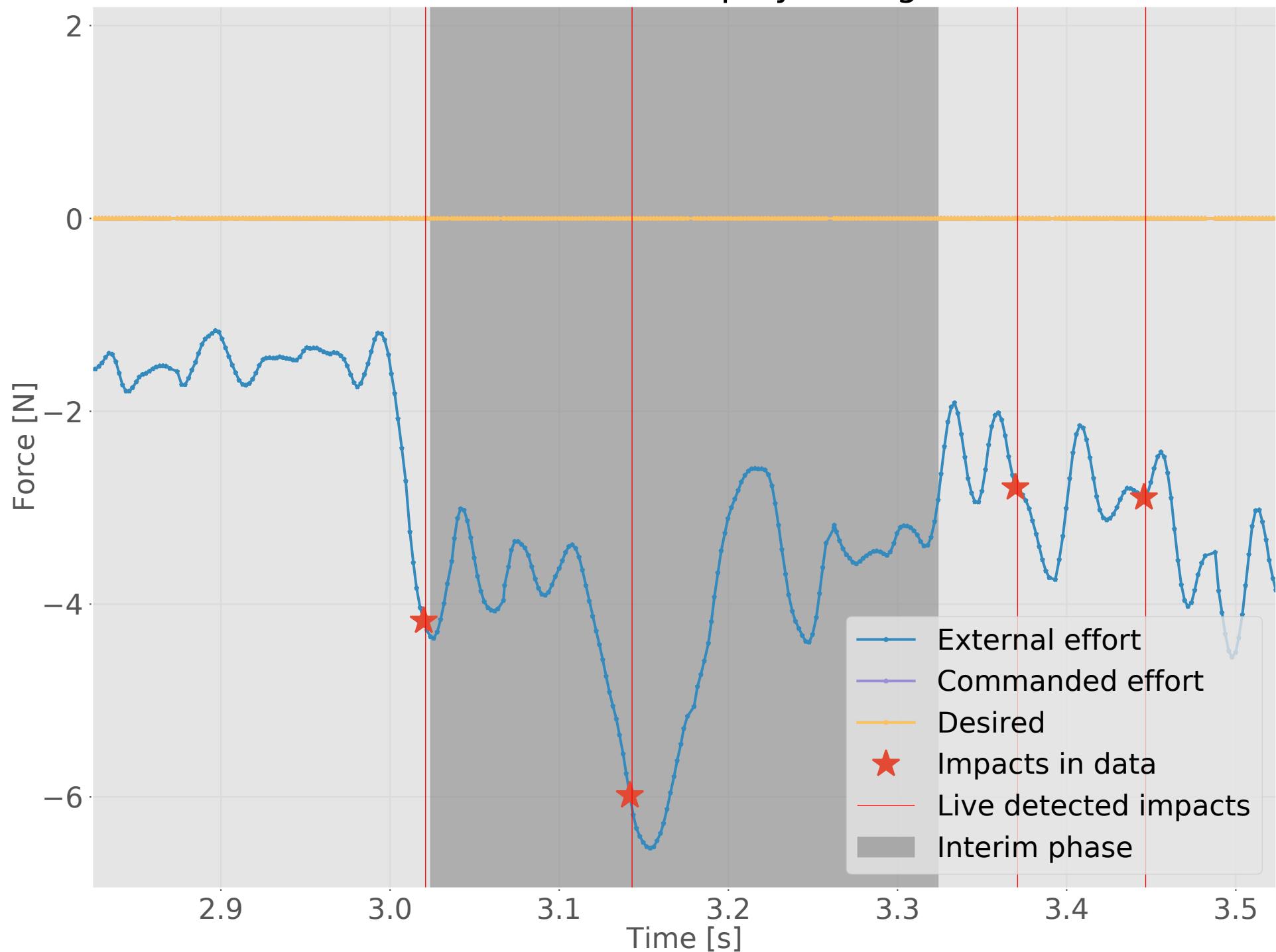
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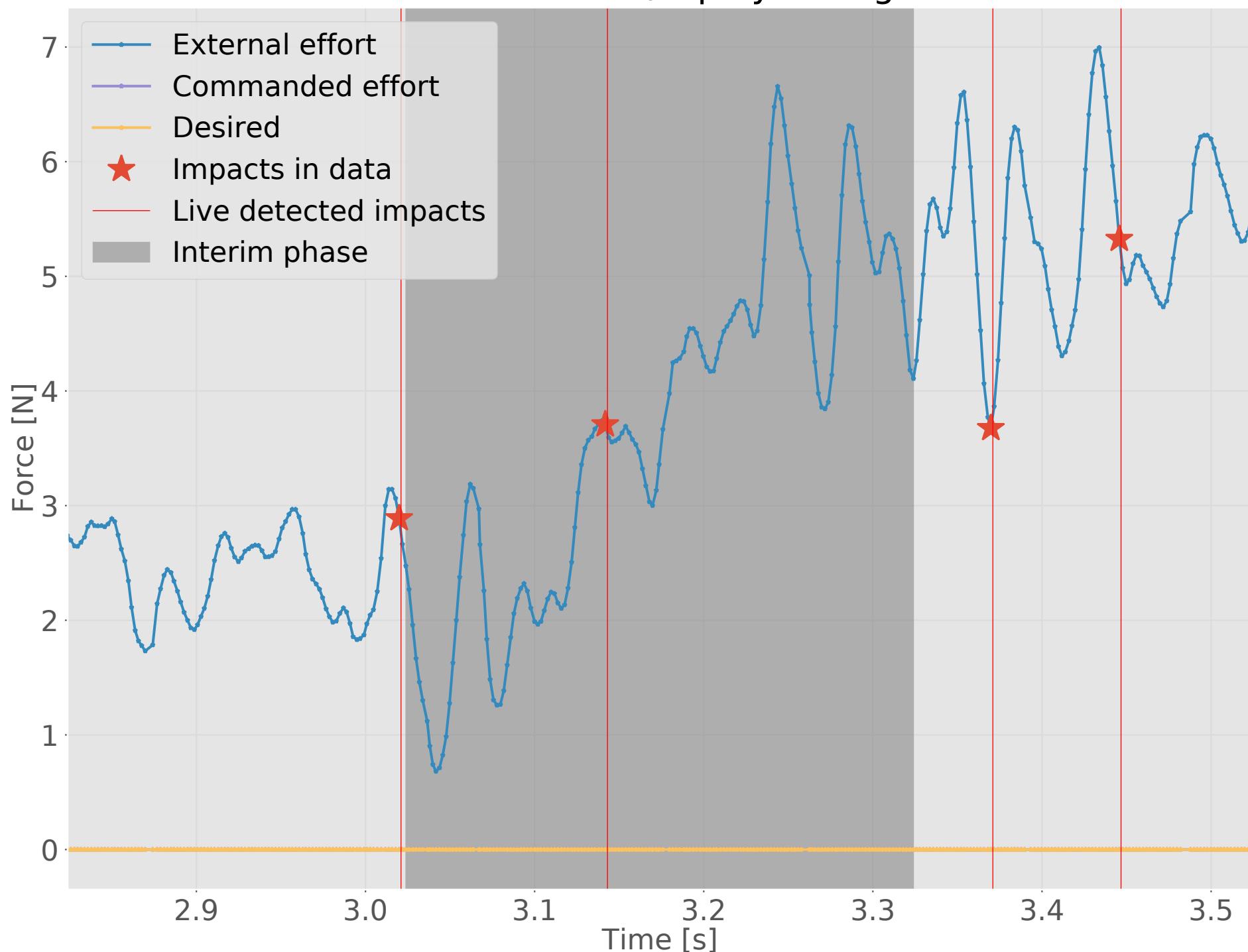
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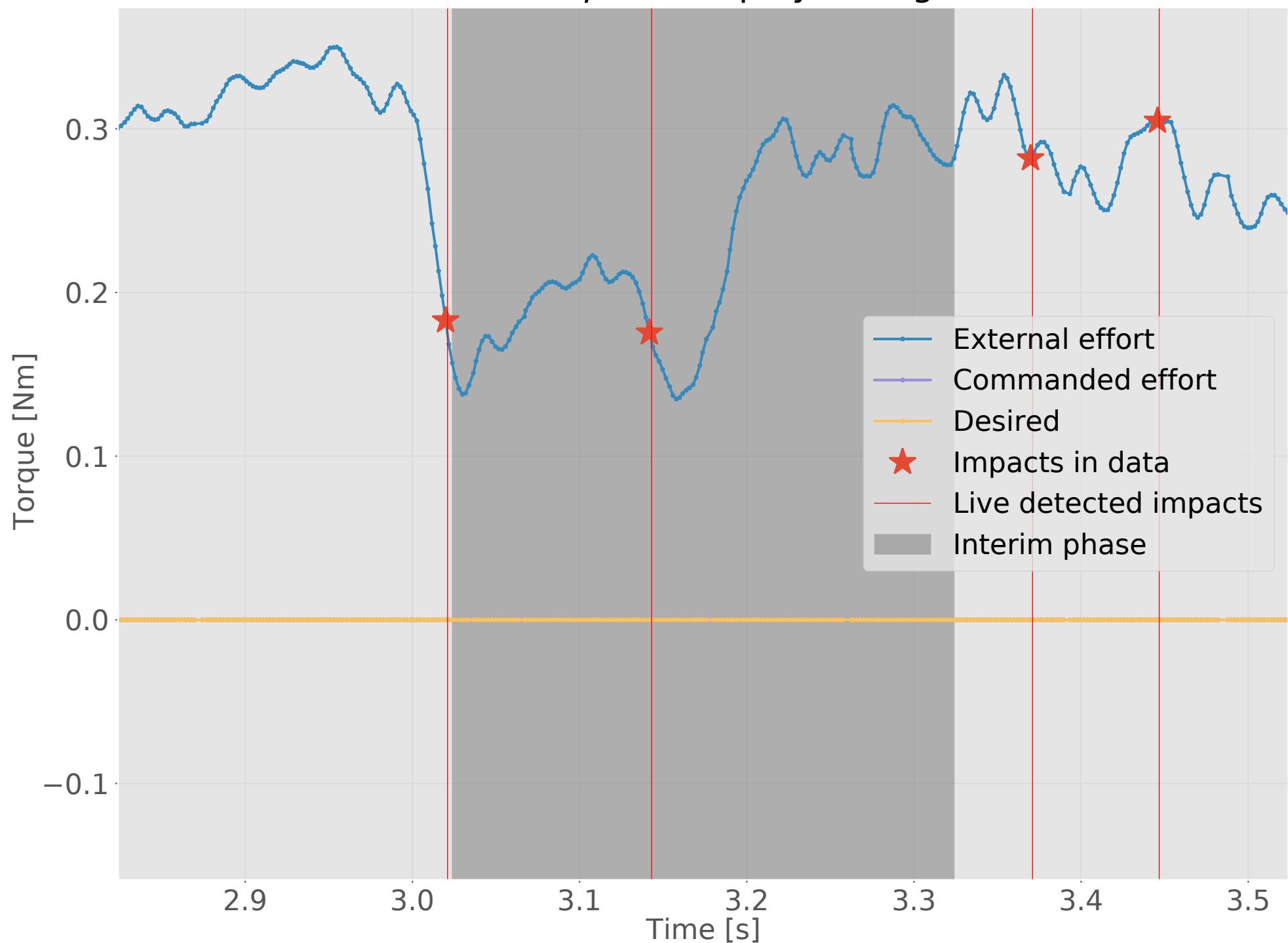
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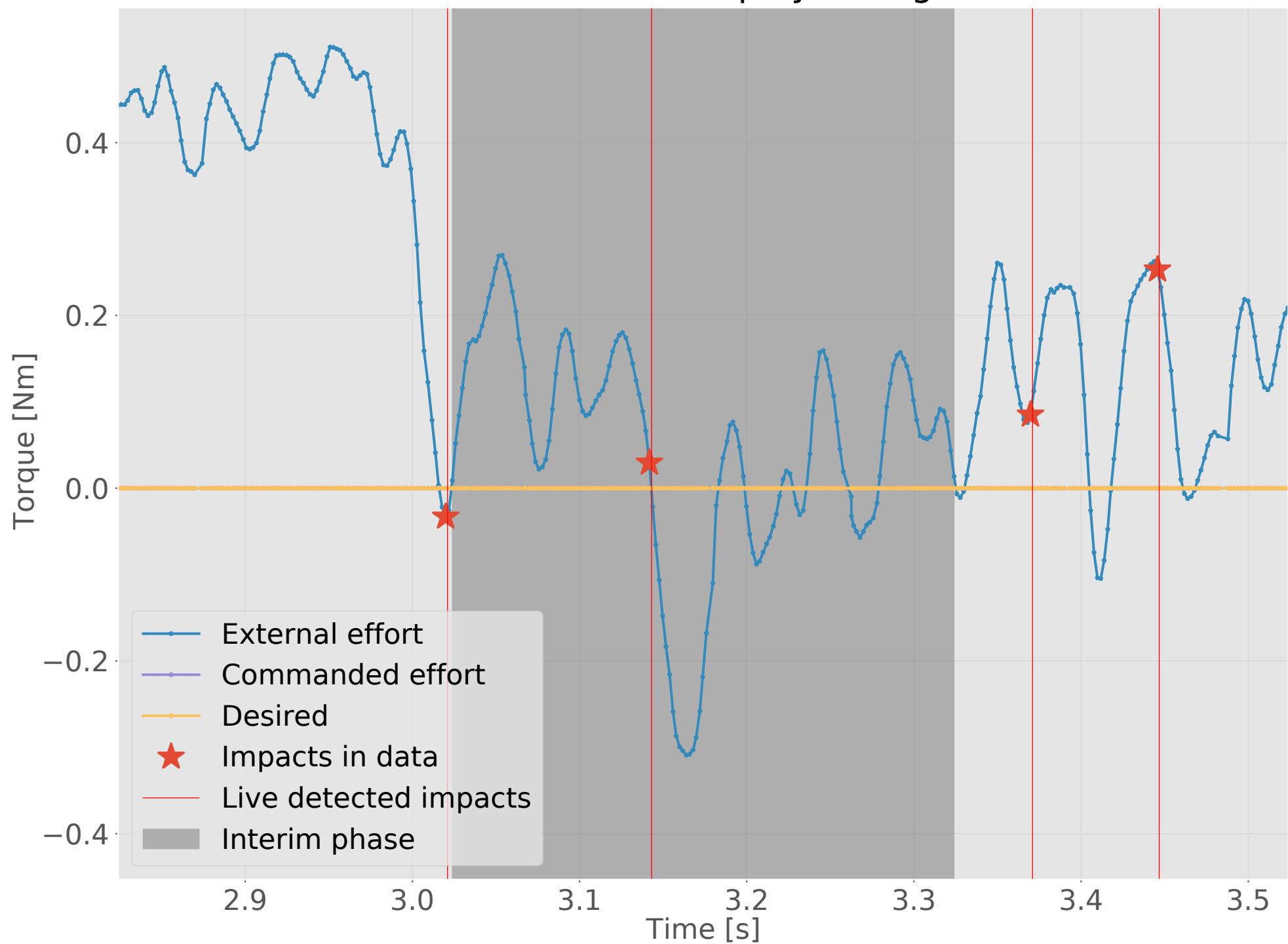
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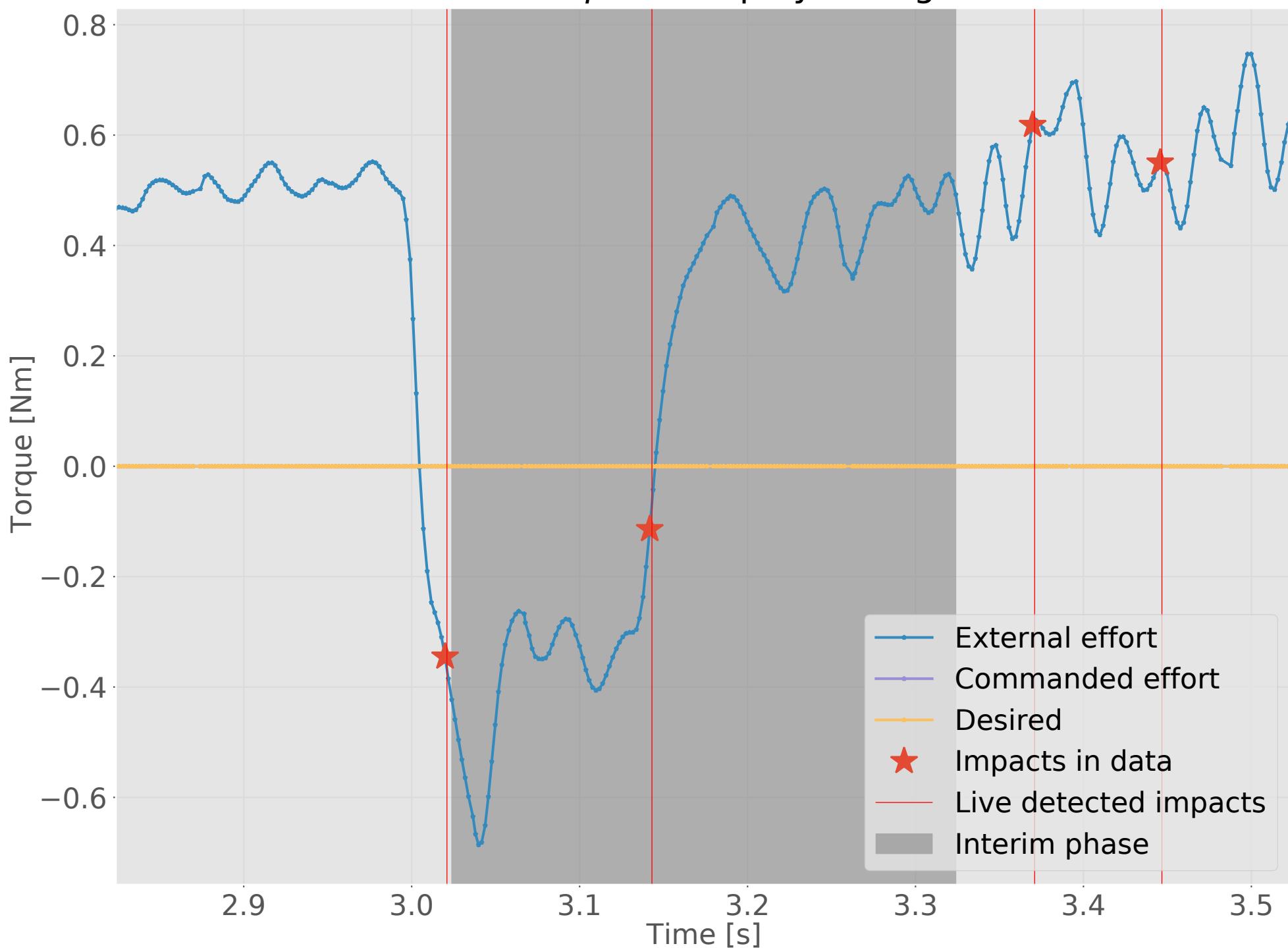
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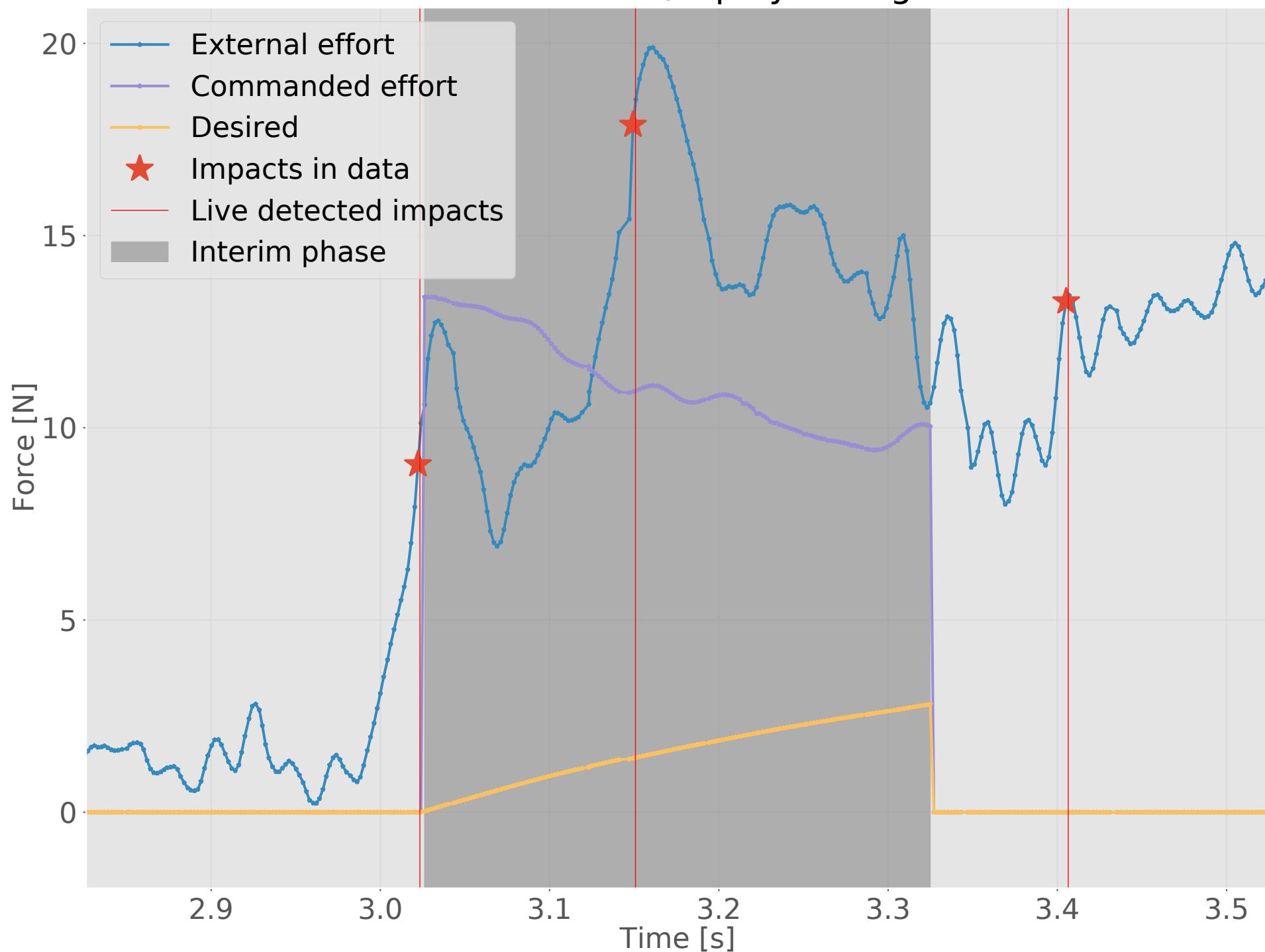
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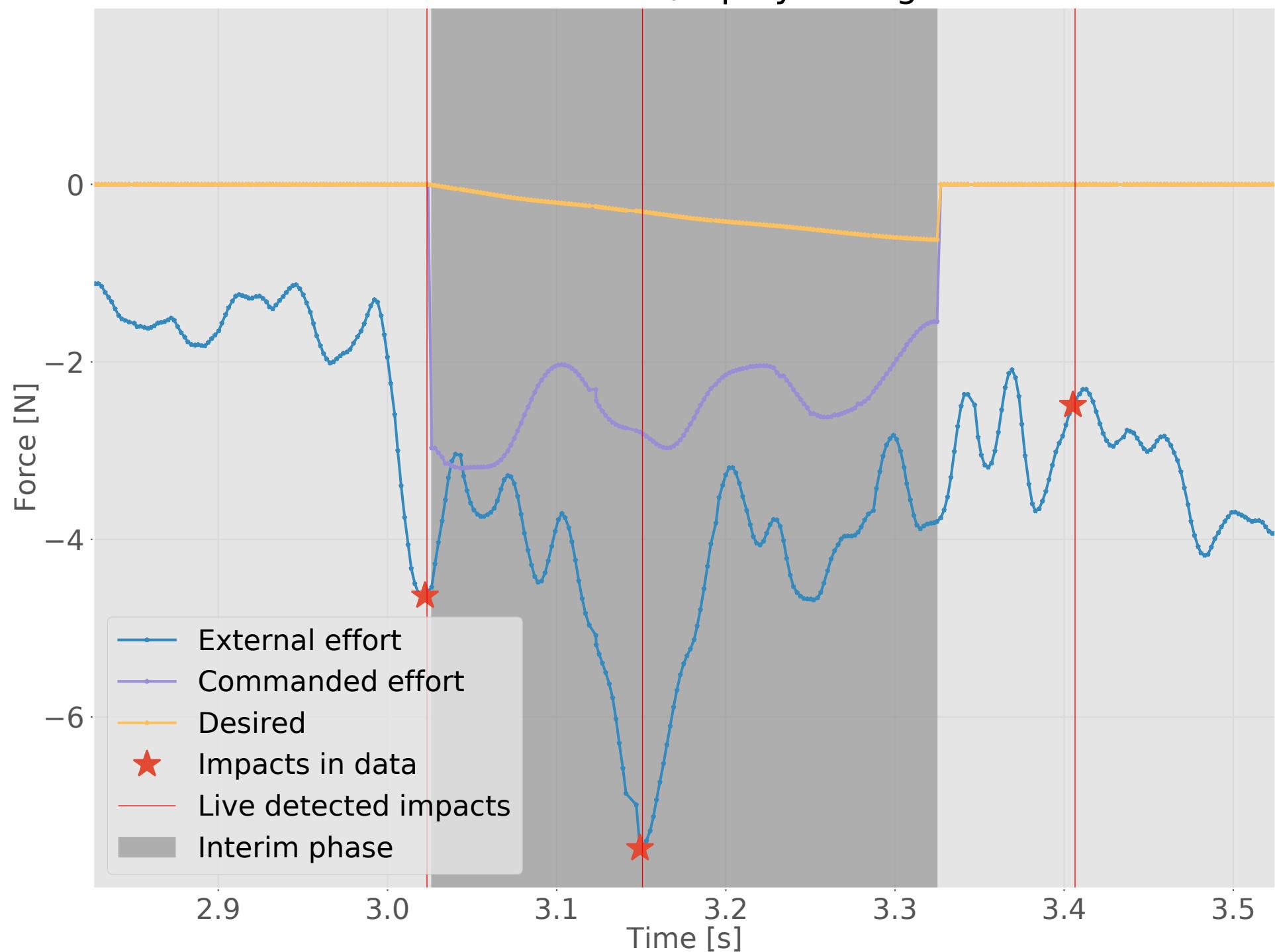
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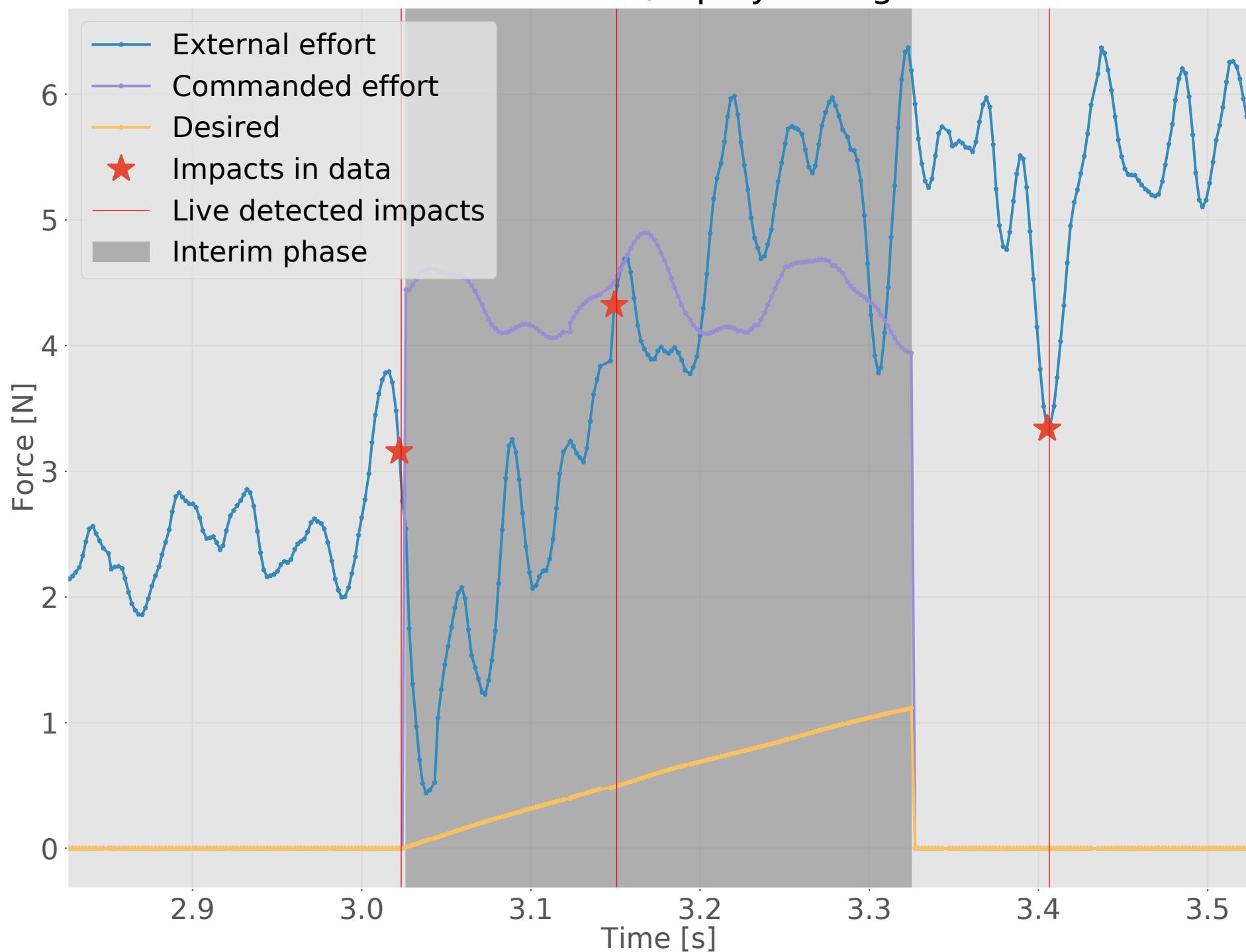
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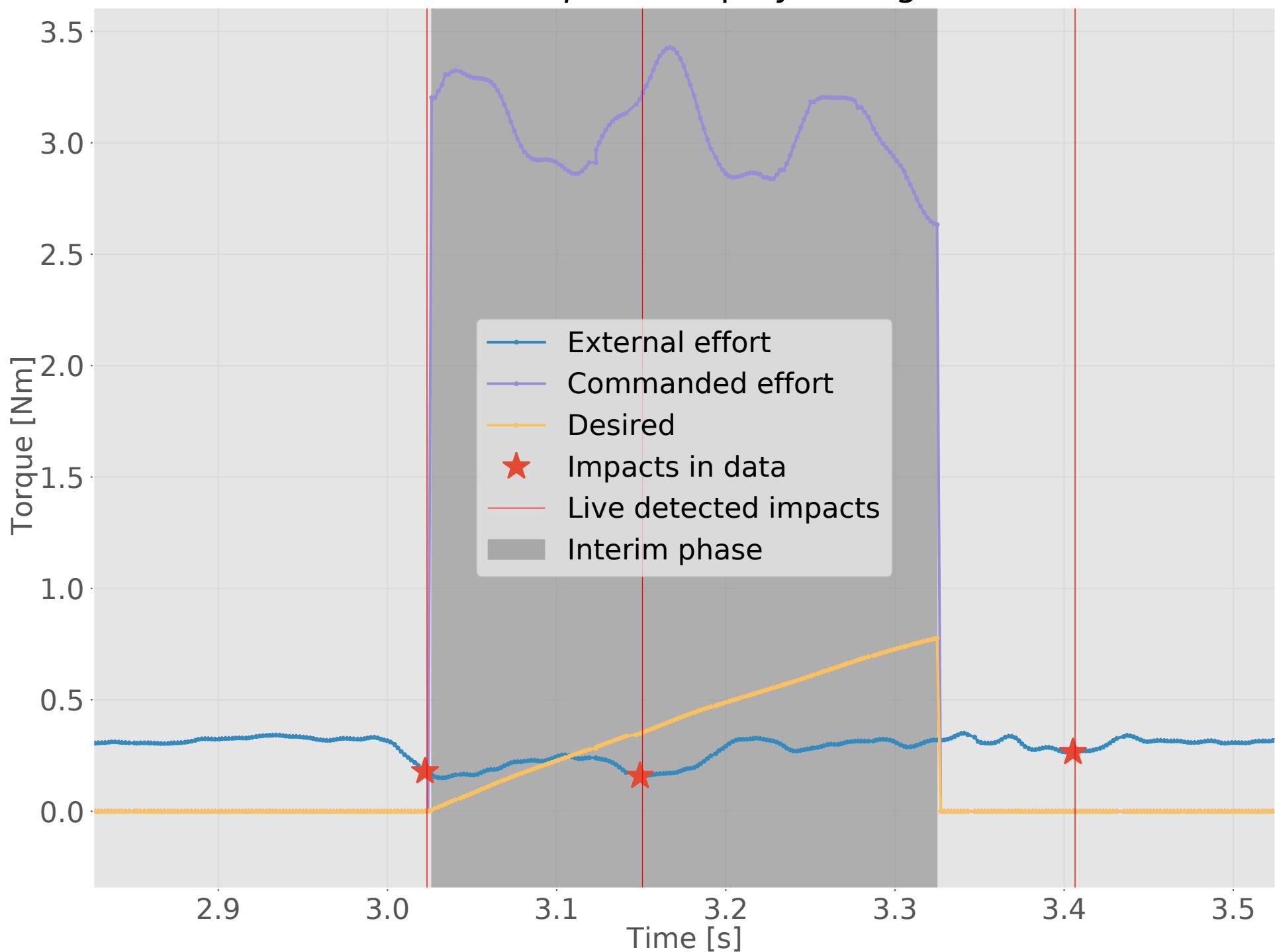
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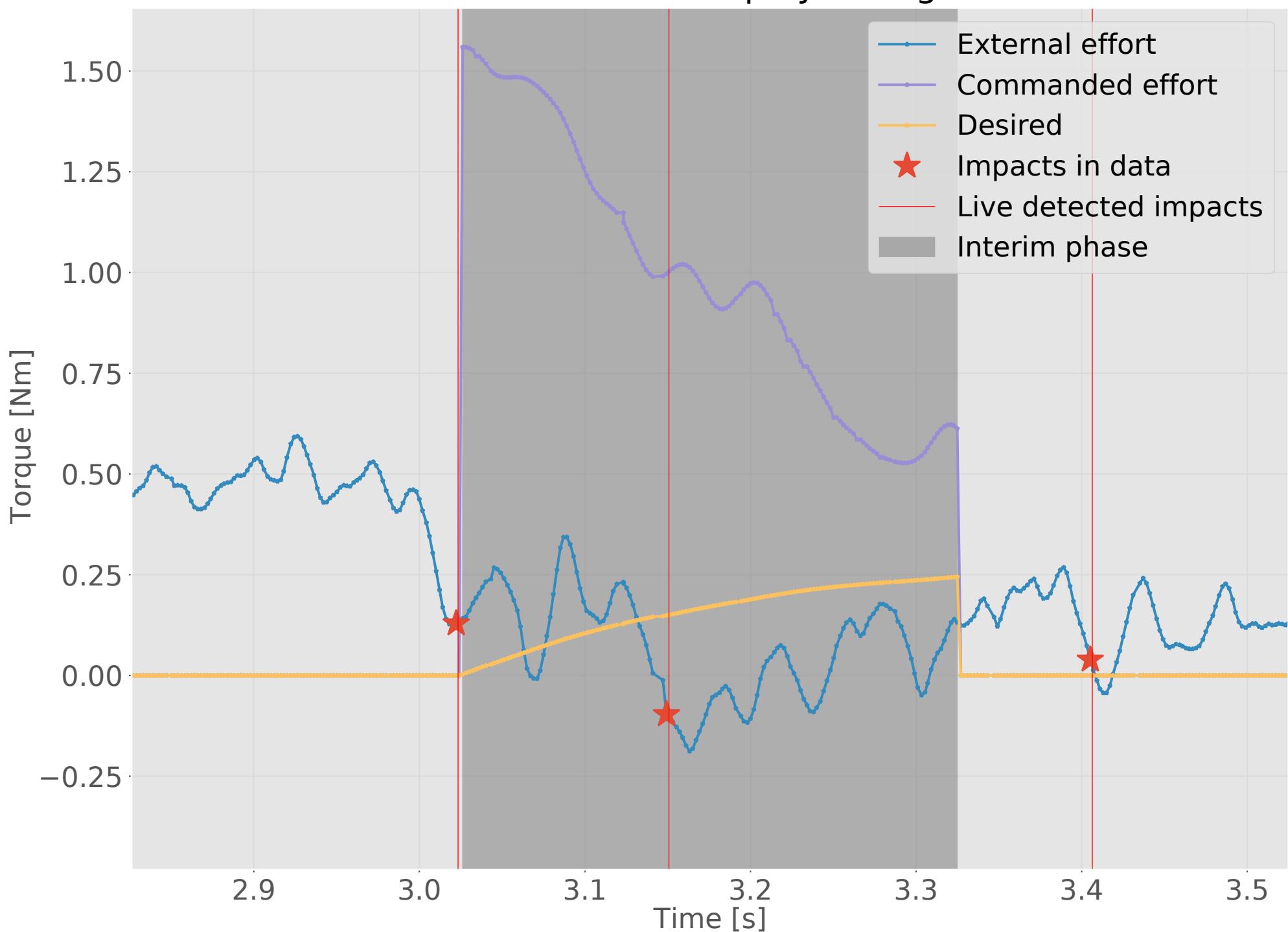
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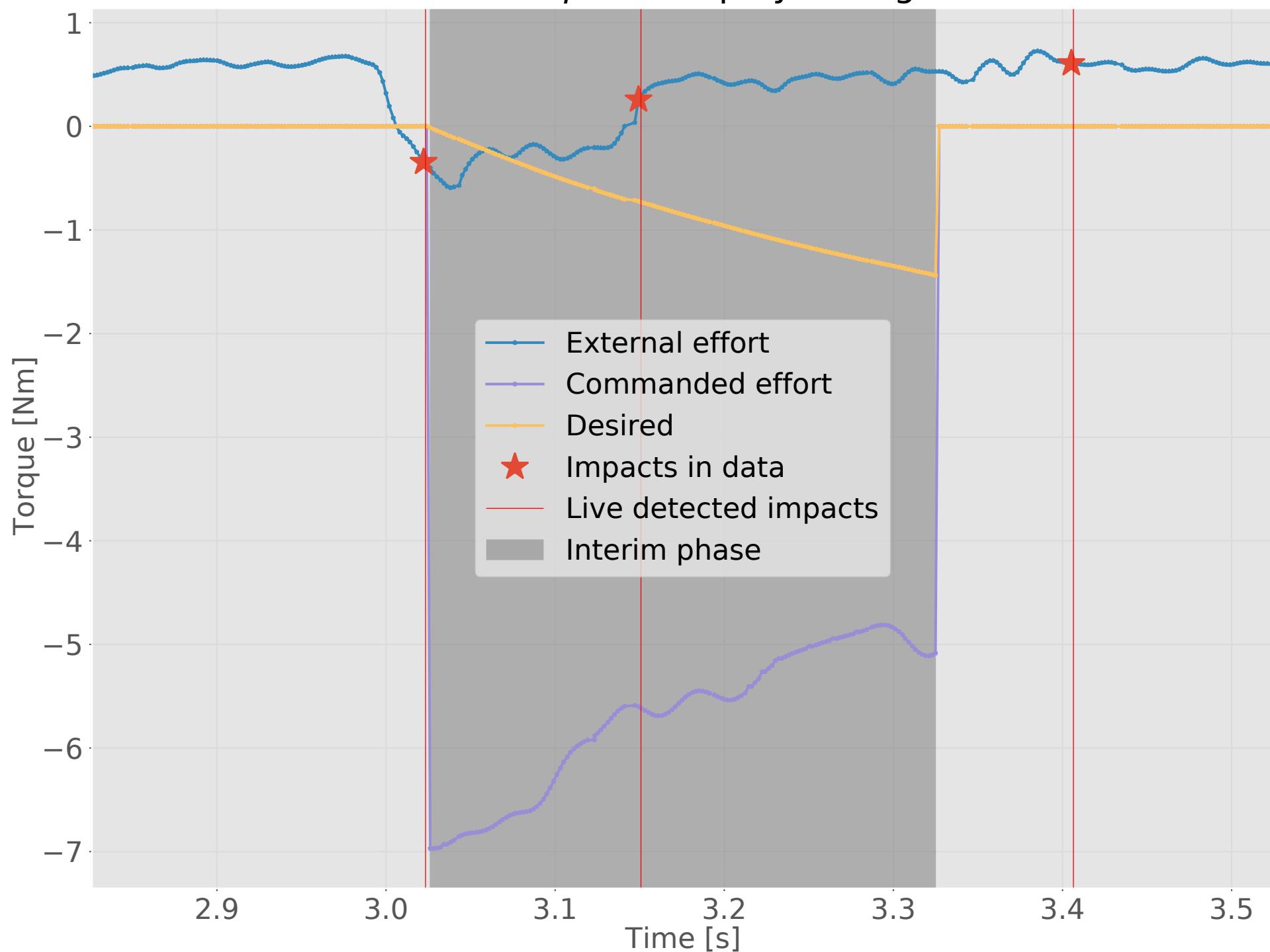
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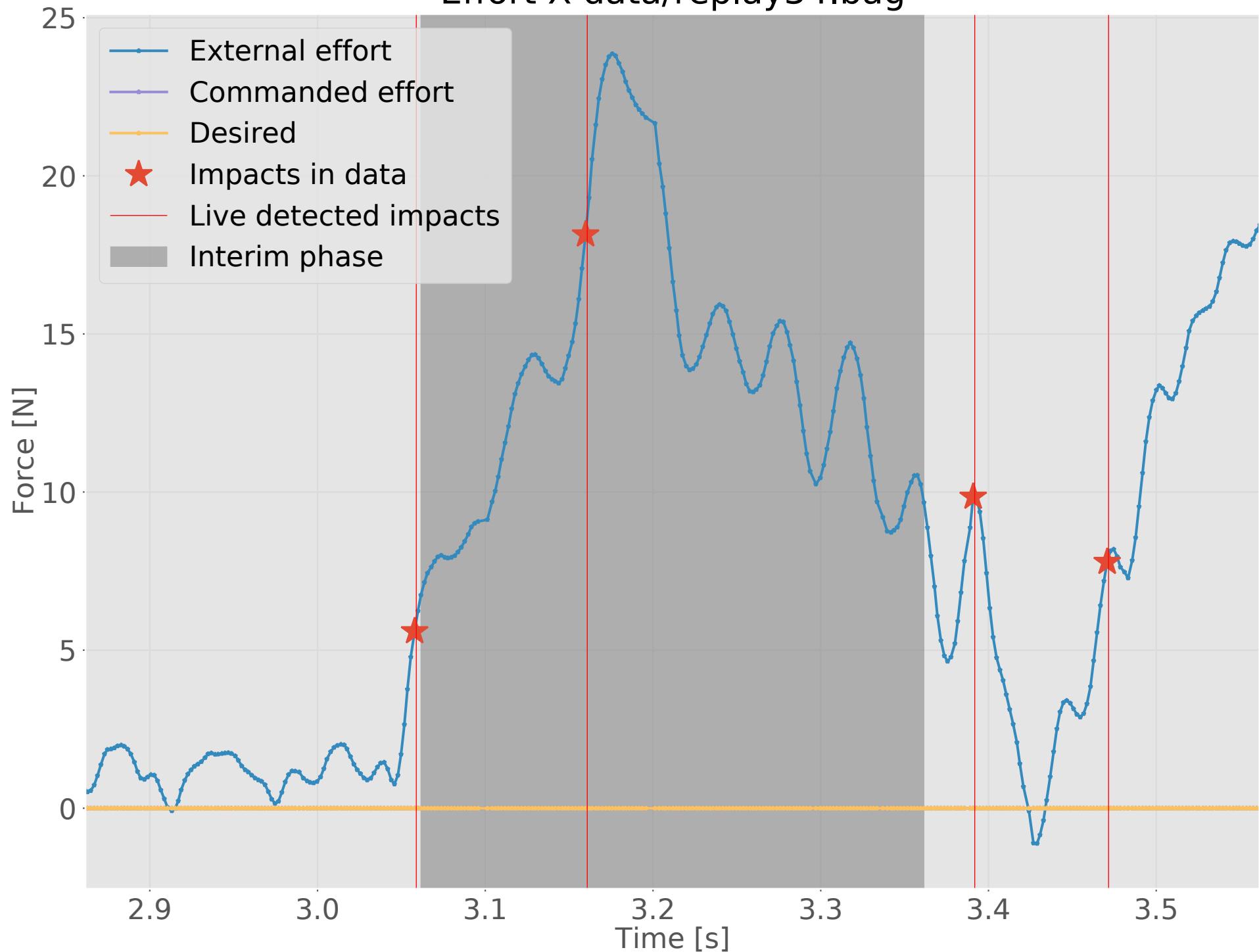
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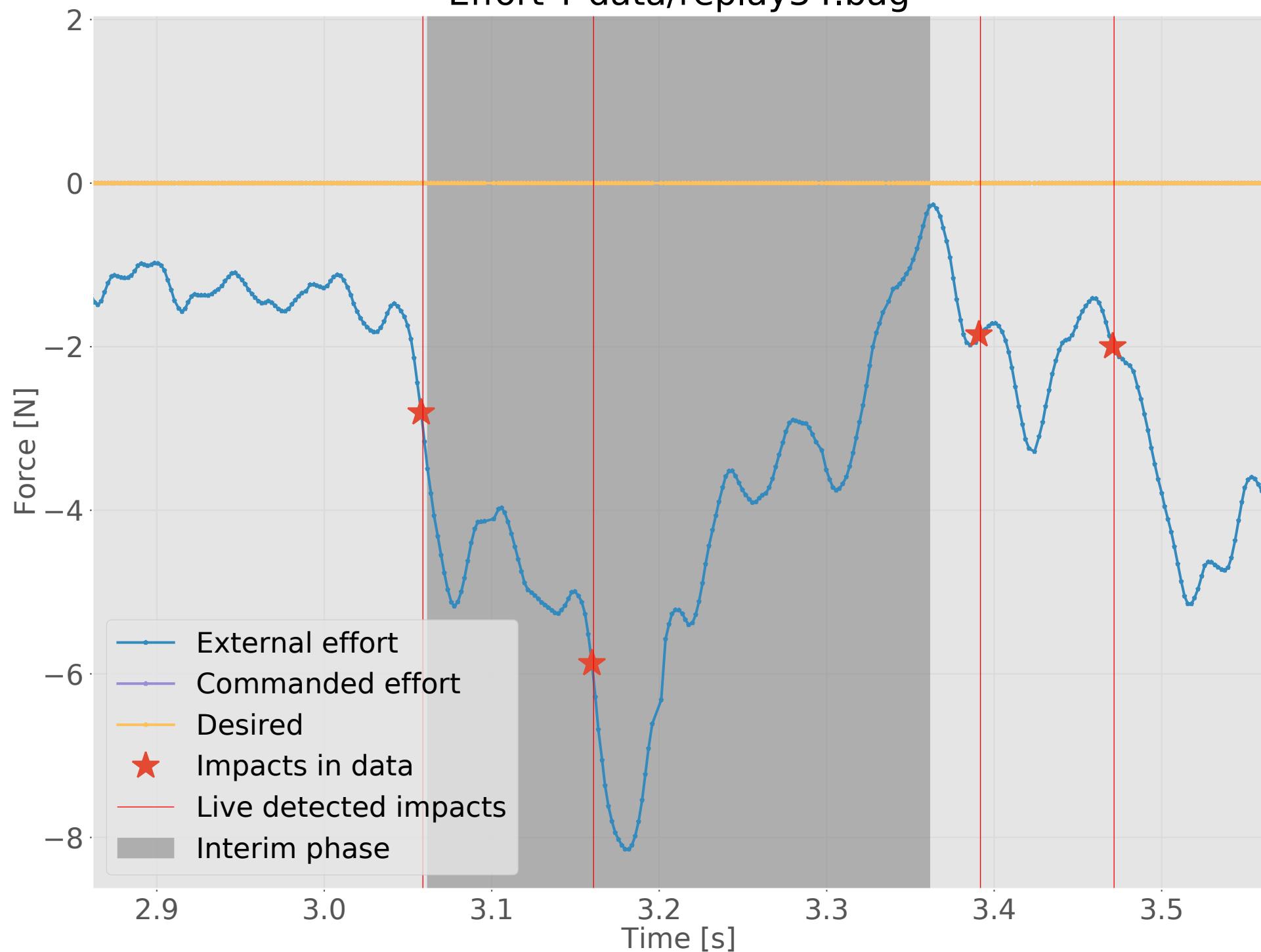
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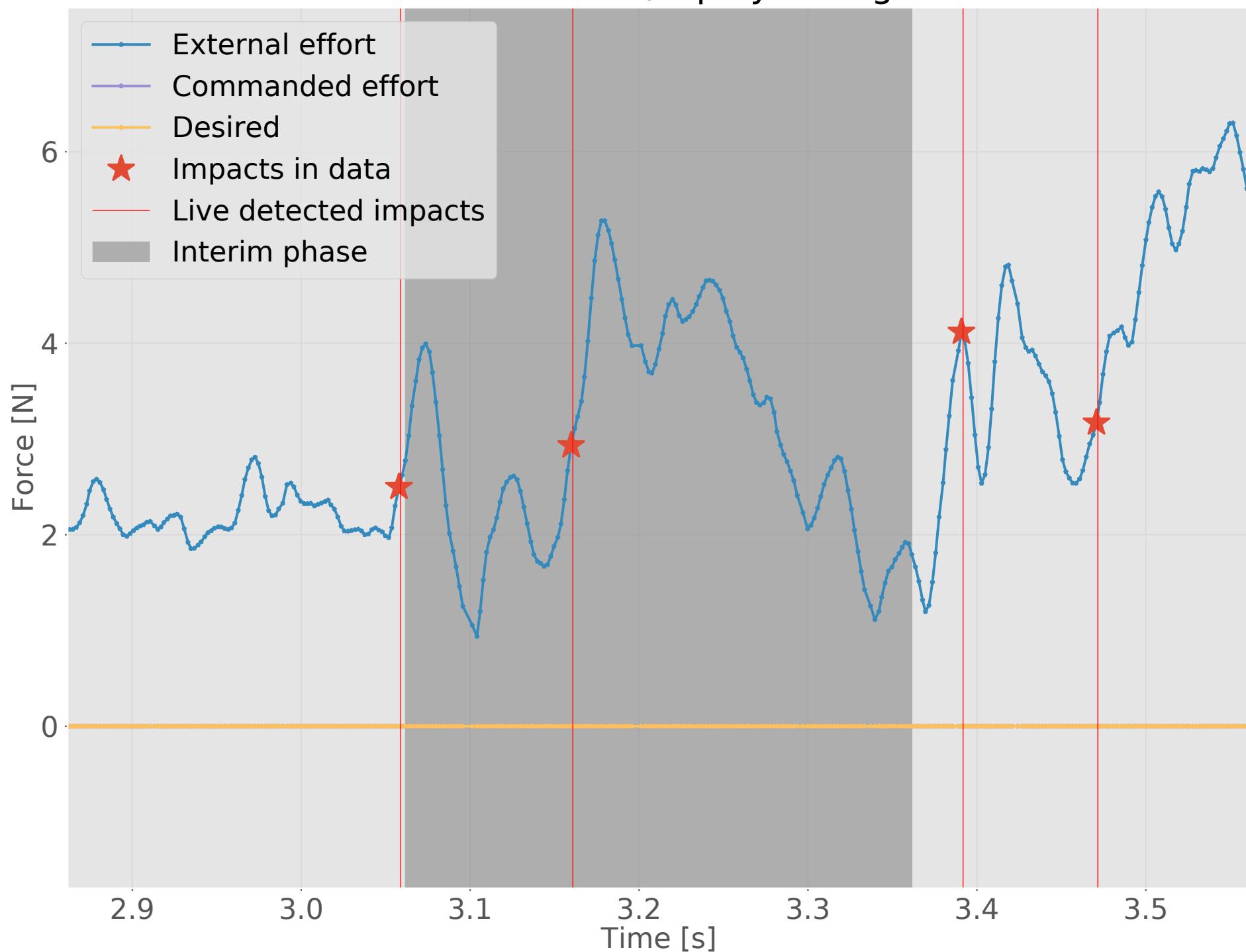
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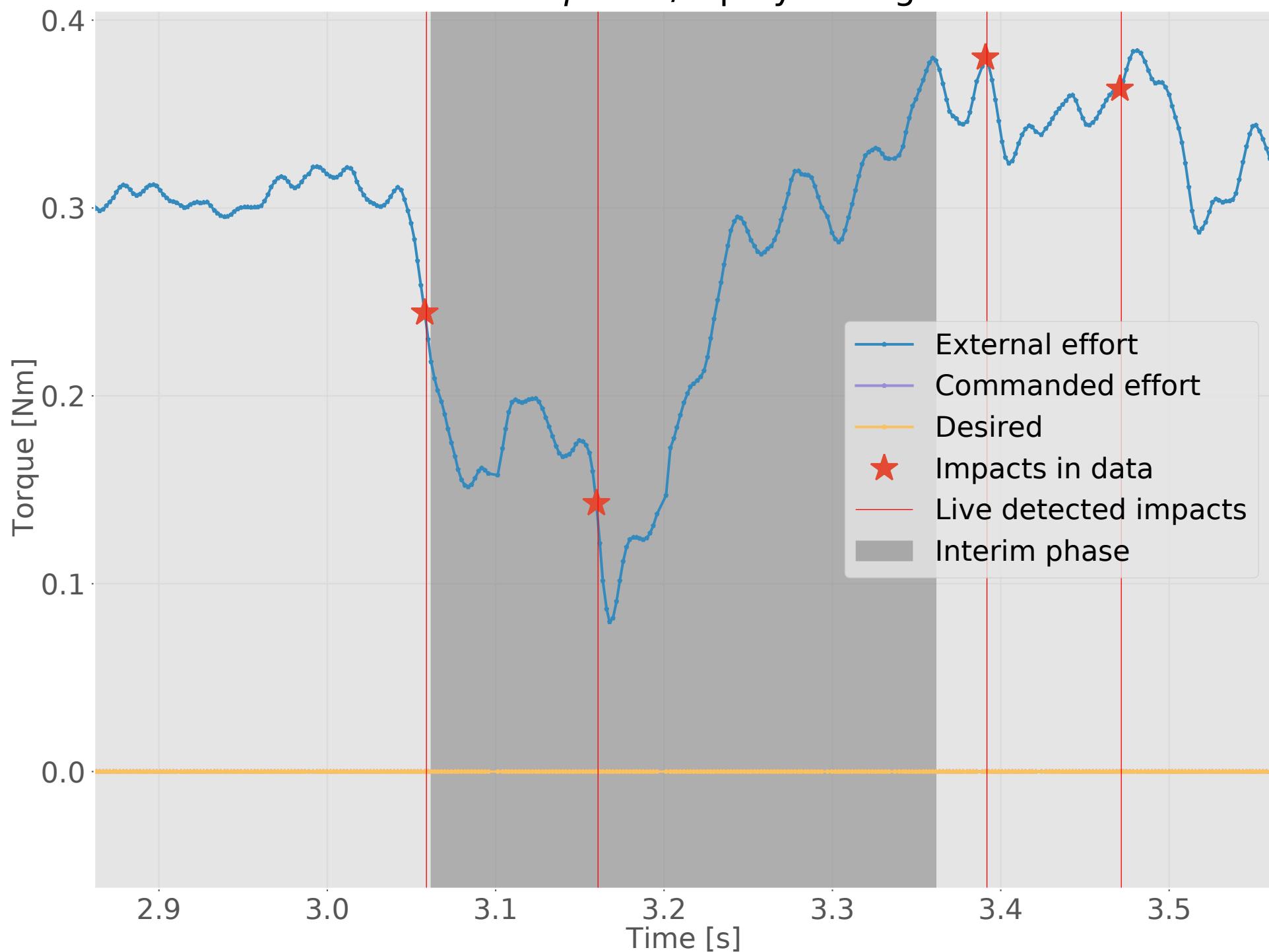
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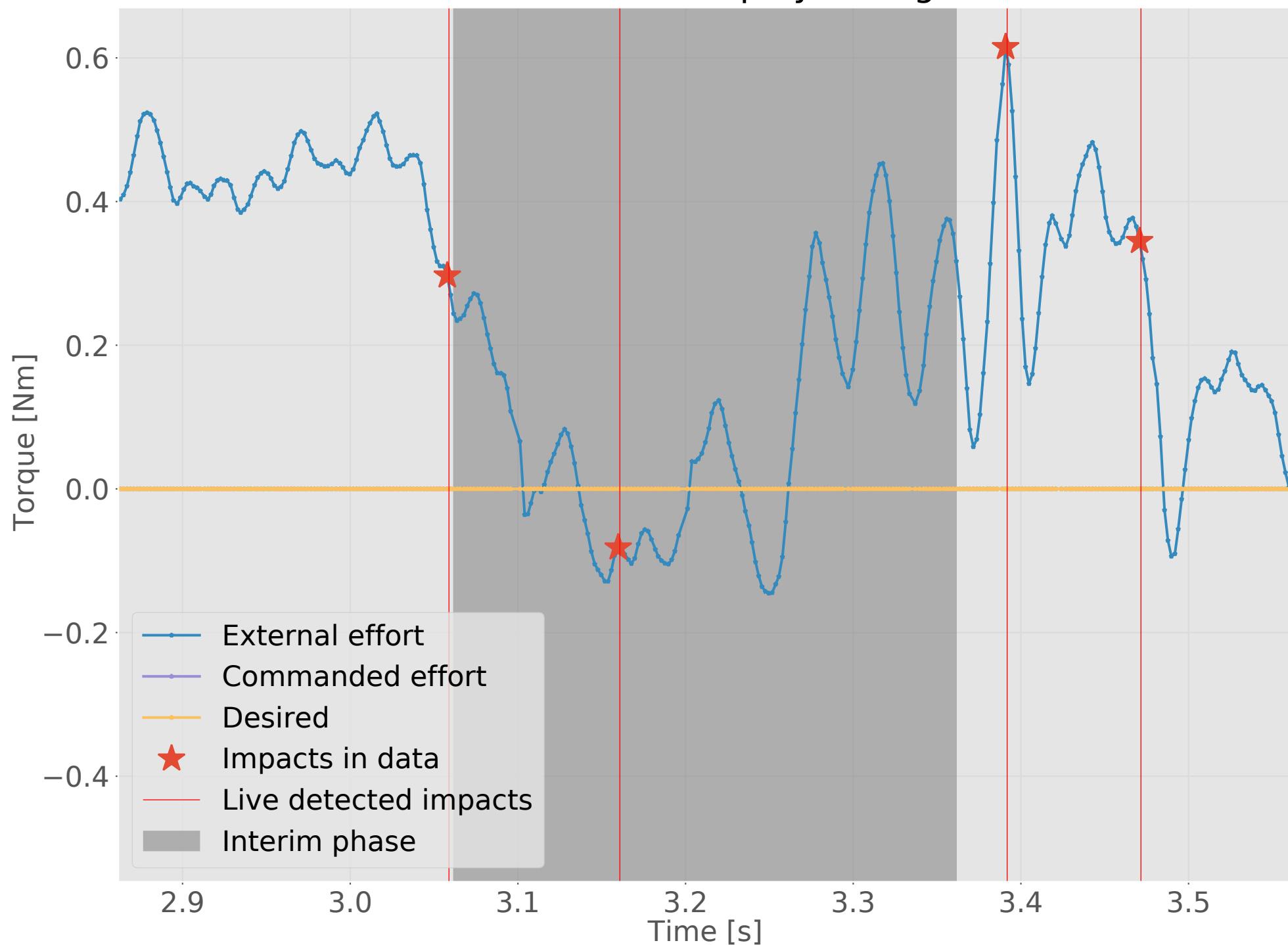
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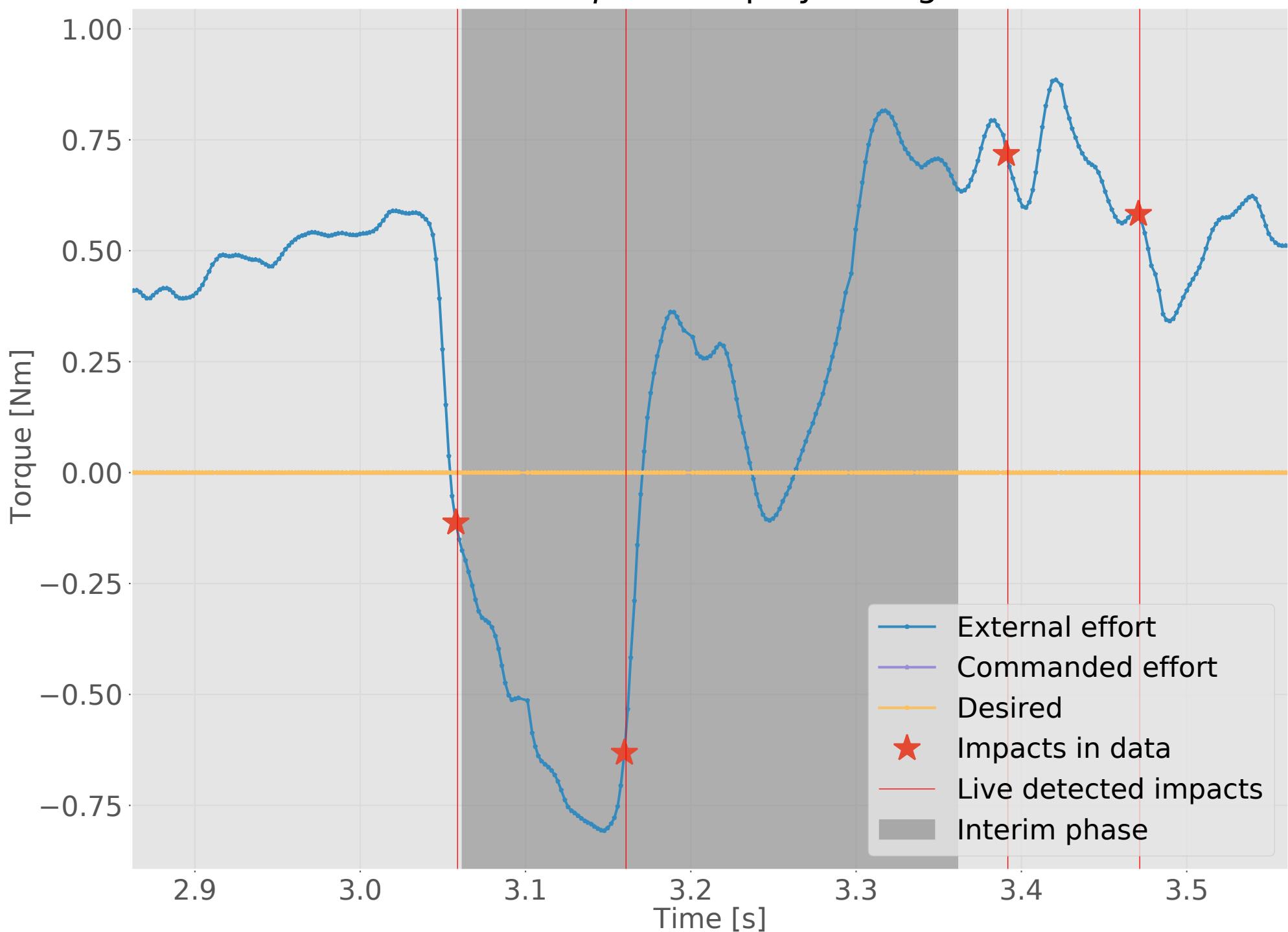
# Effort $\phi$ data/replay34.bag



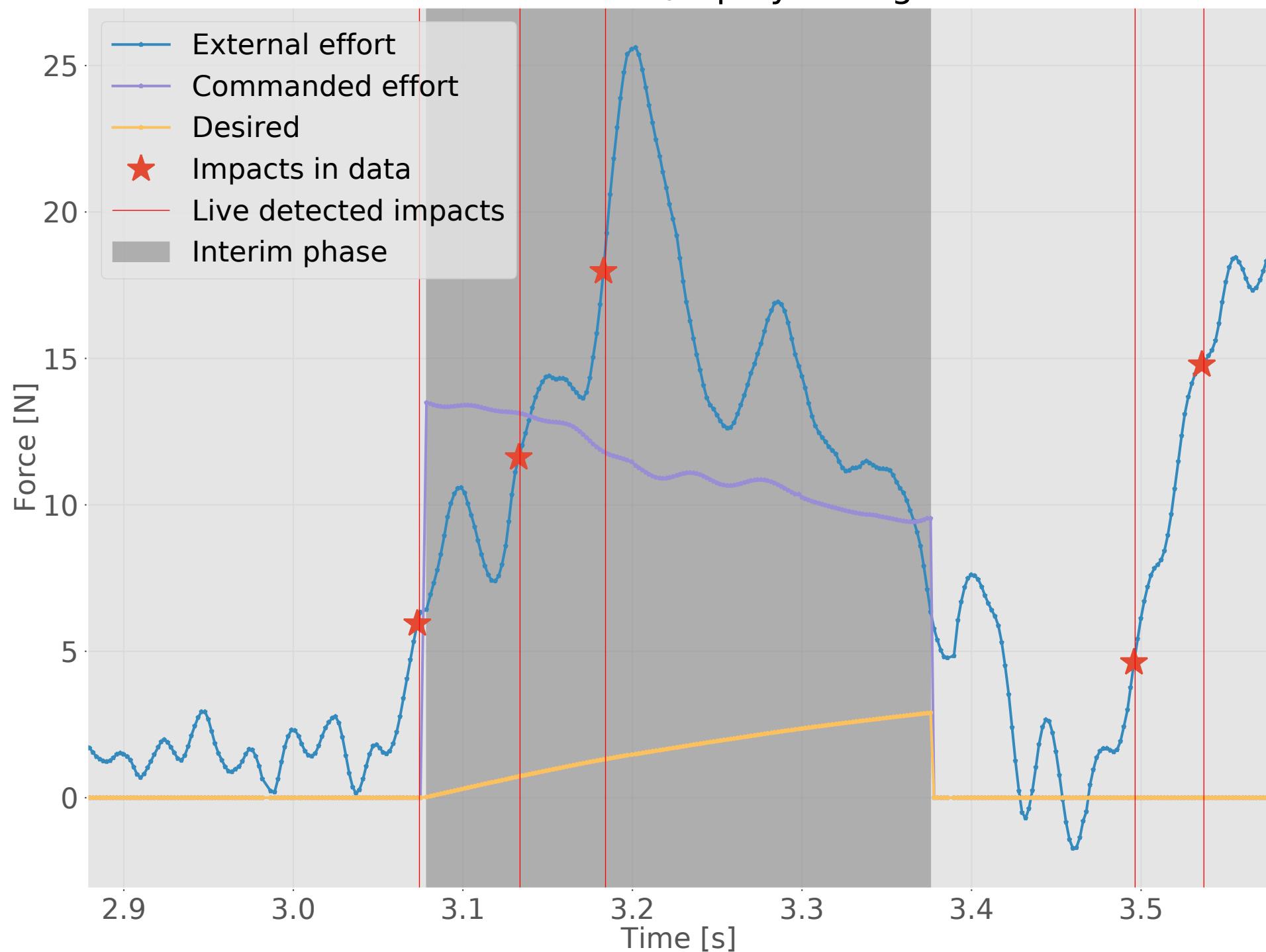
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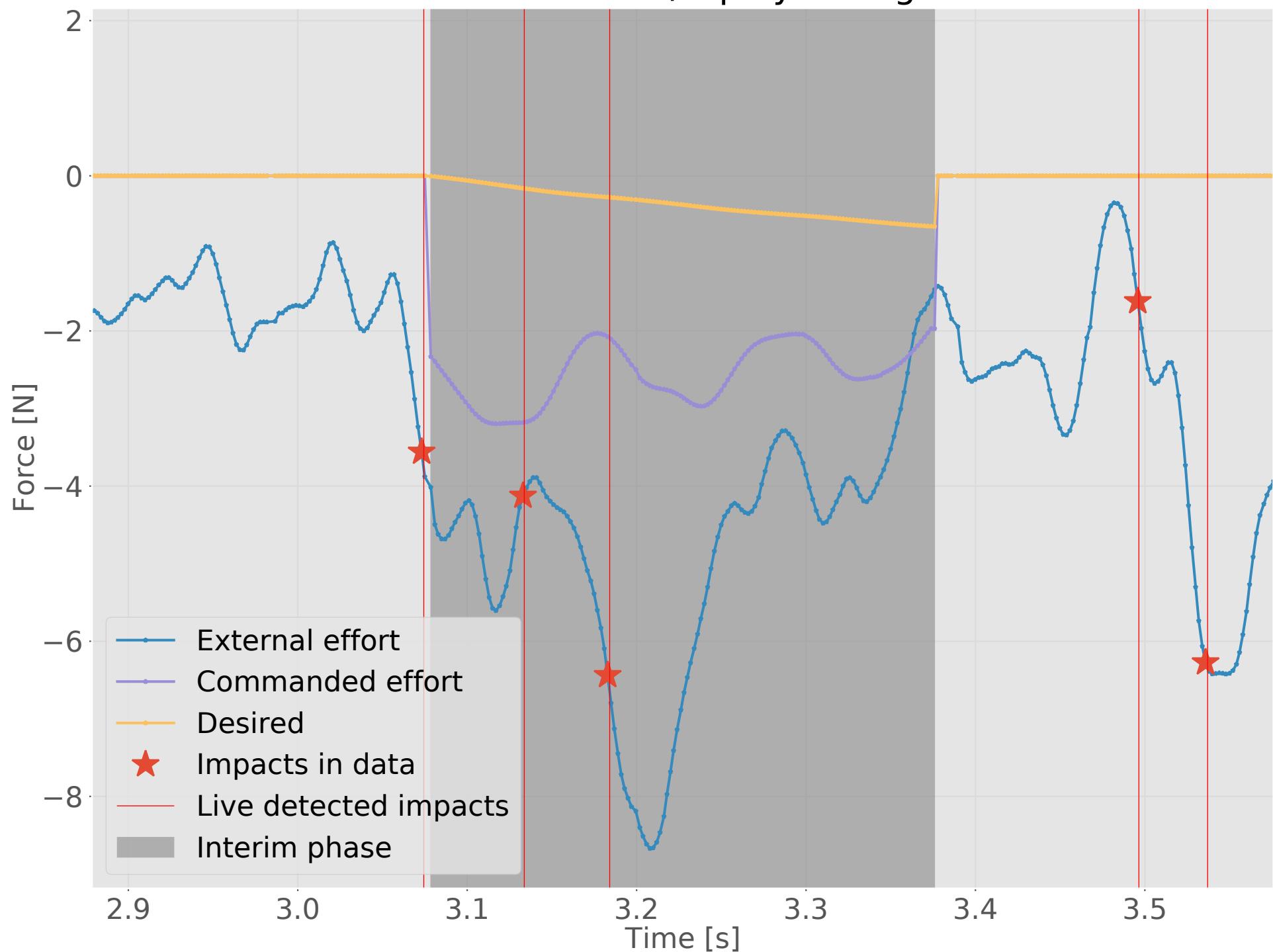
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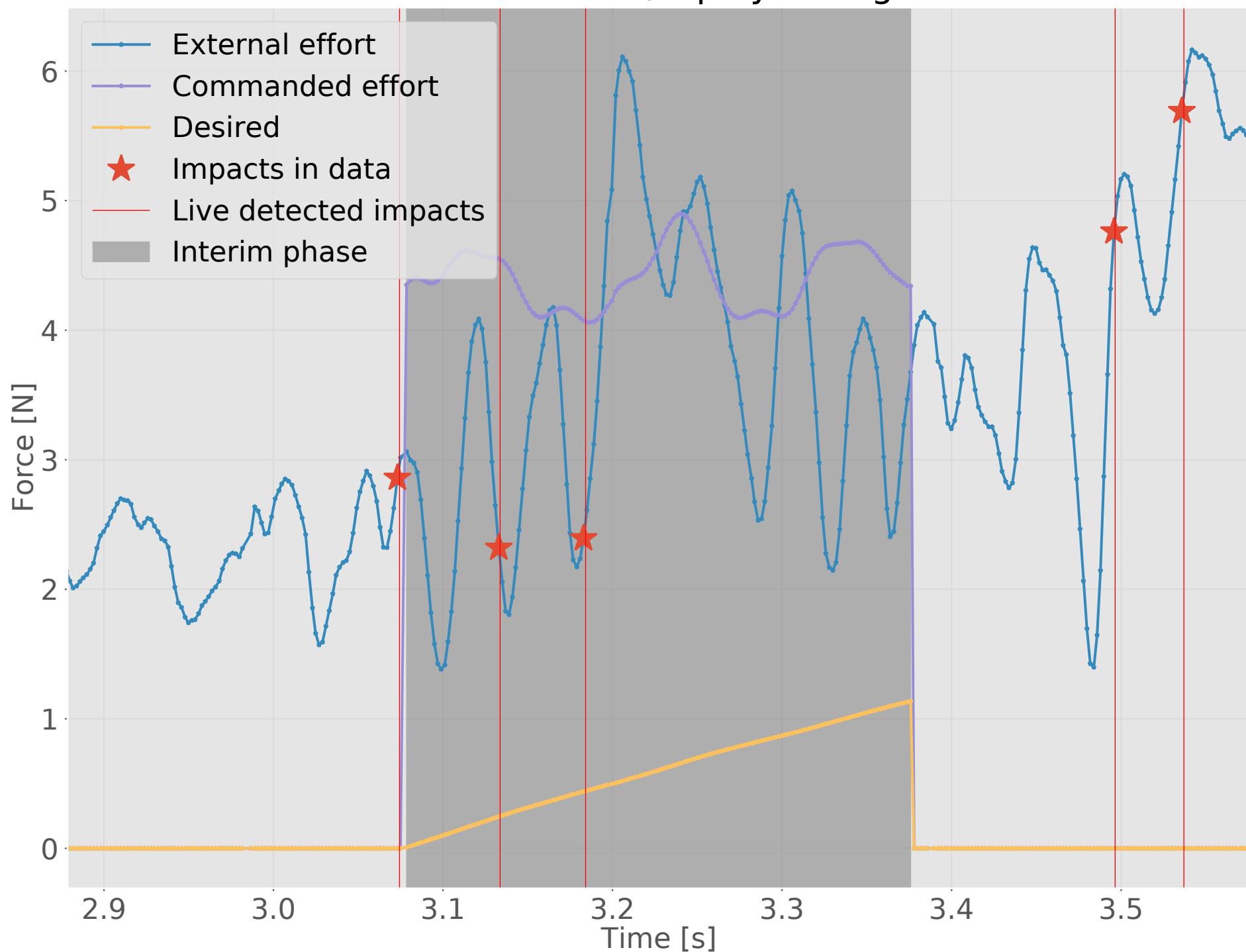
## Effort X data/replay35.bag



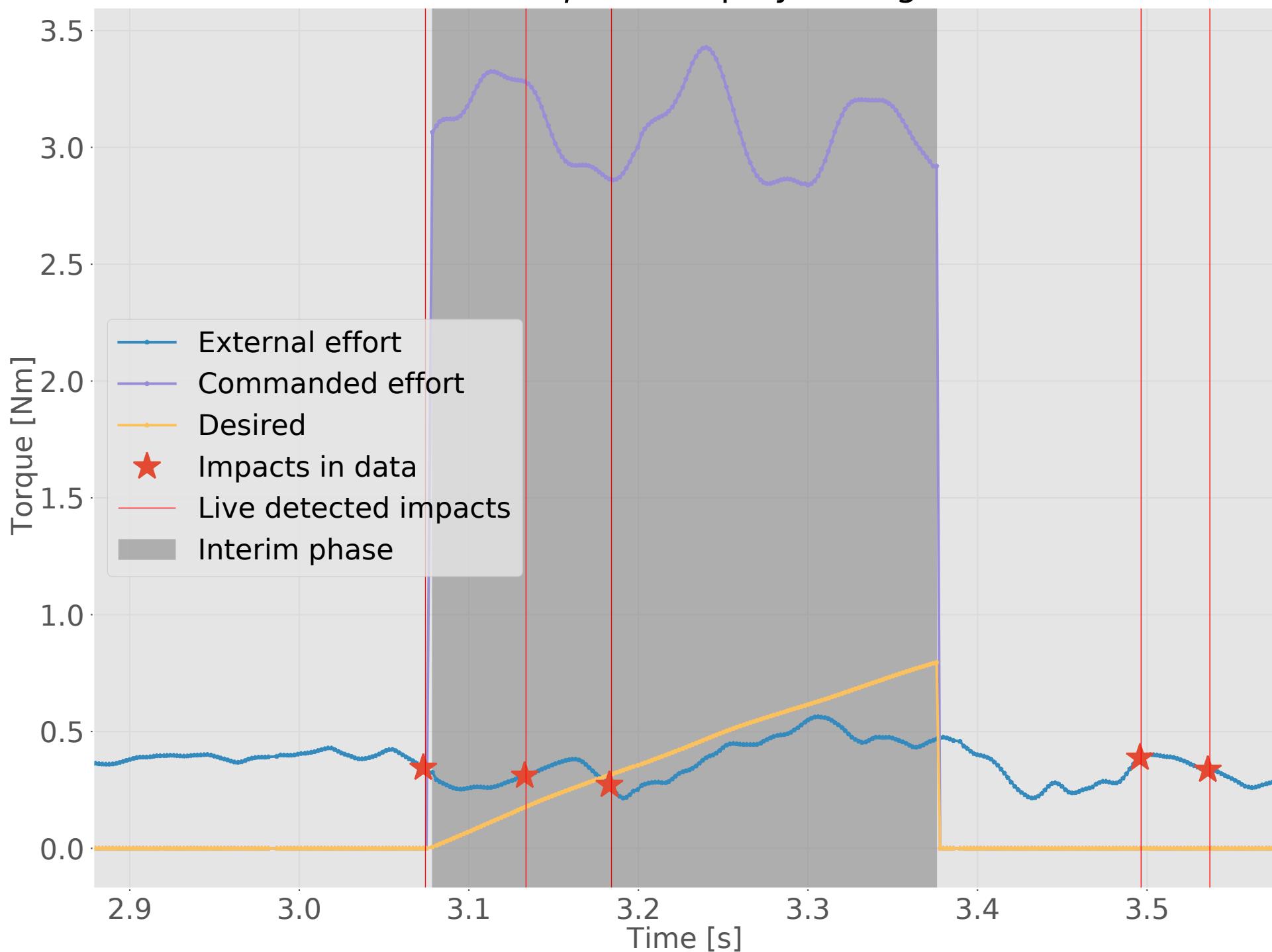
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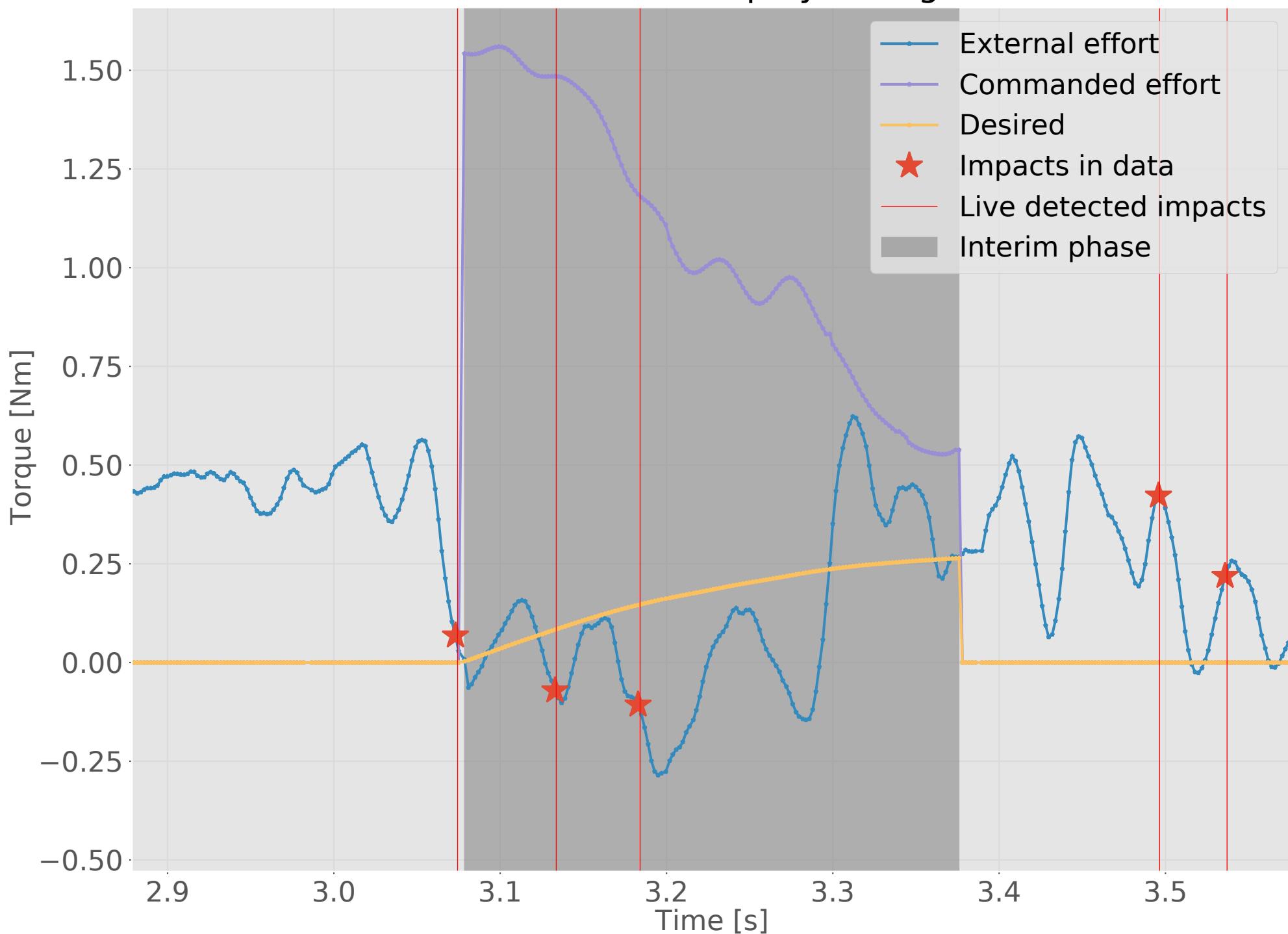
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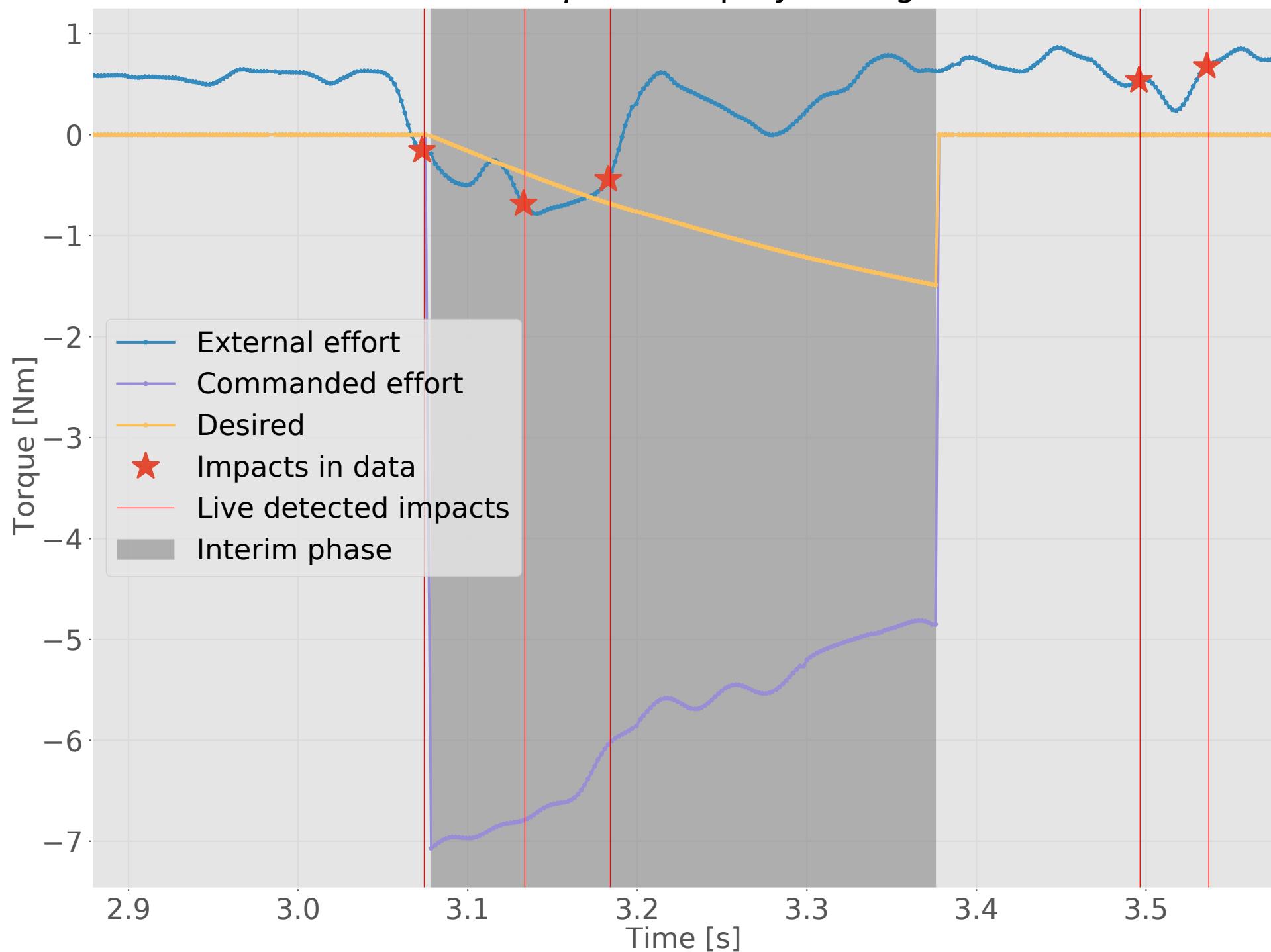
## Effort $\phi$ data/replay35.bag



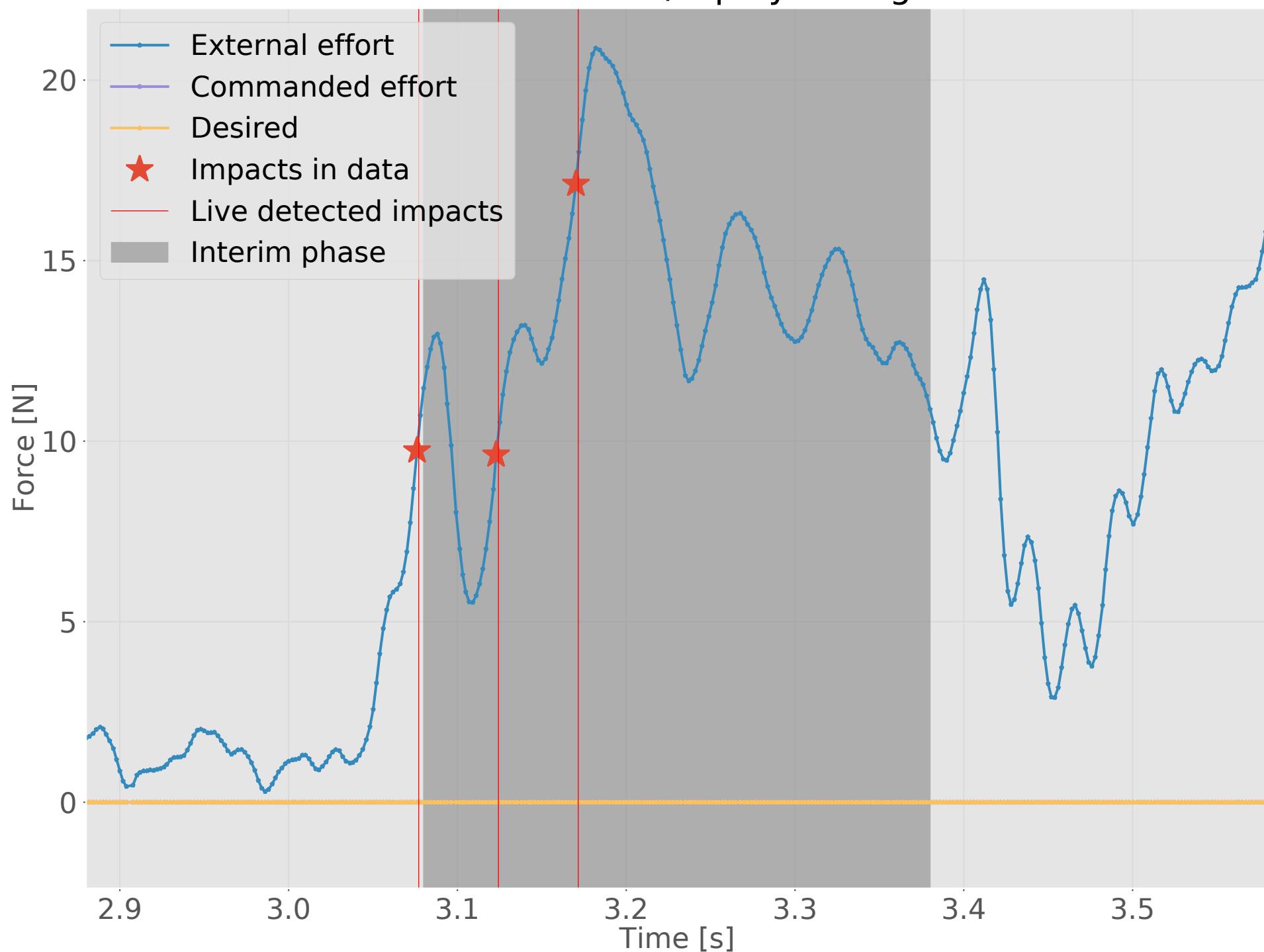
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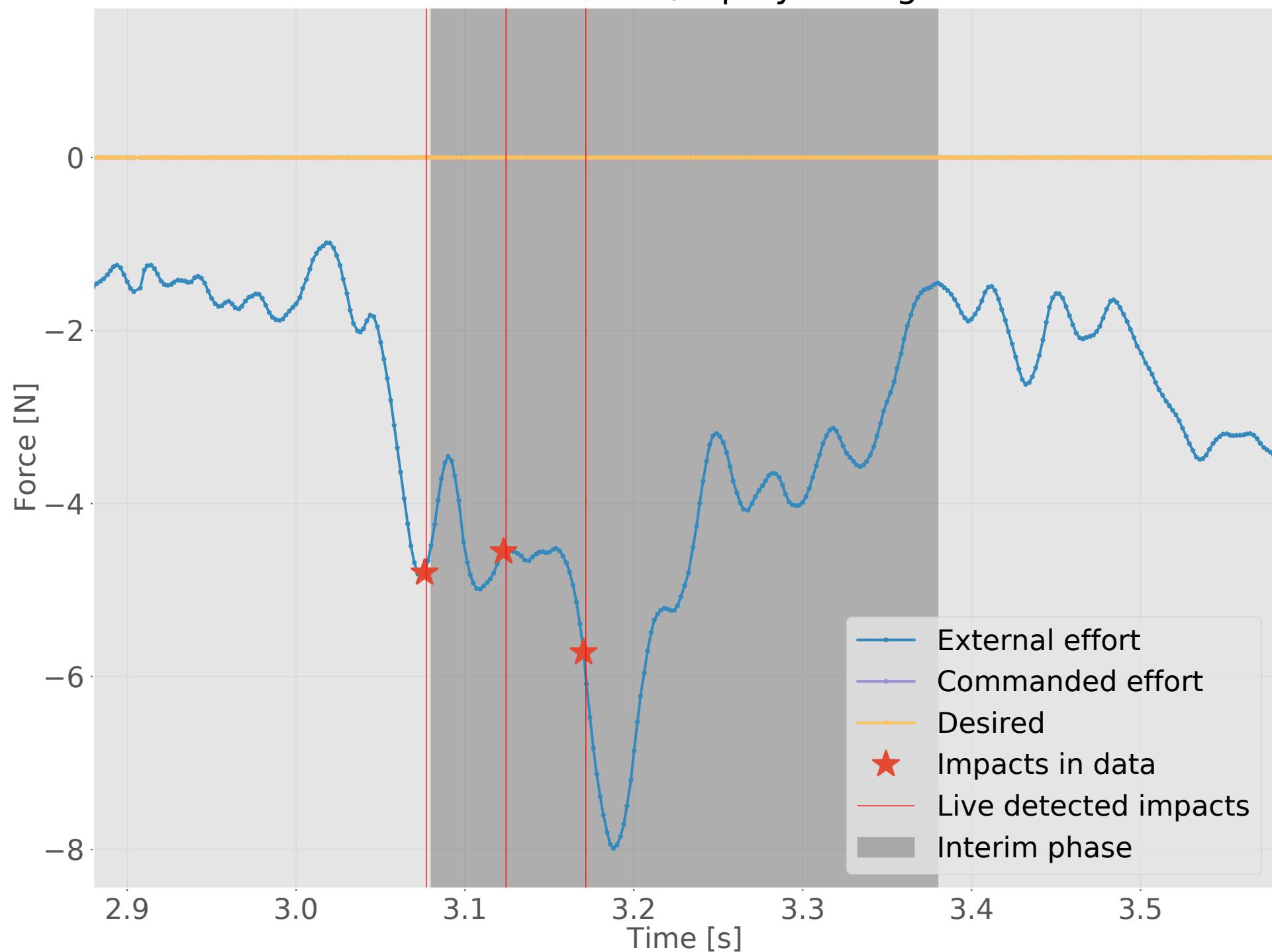
## Effort $\psi$ data/replay35.bag



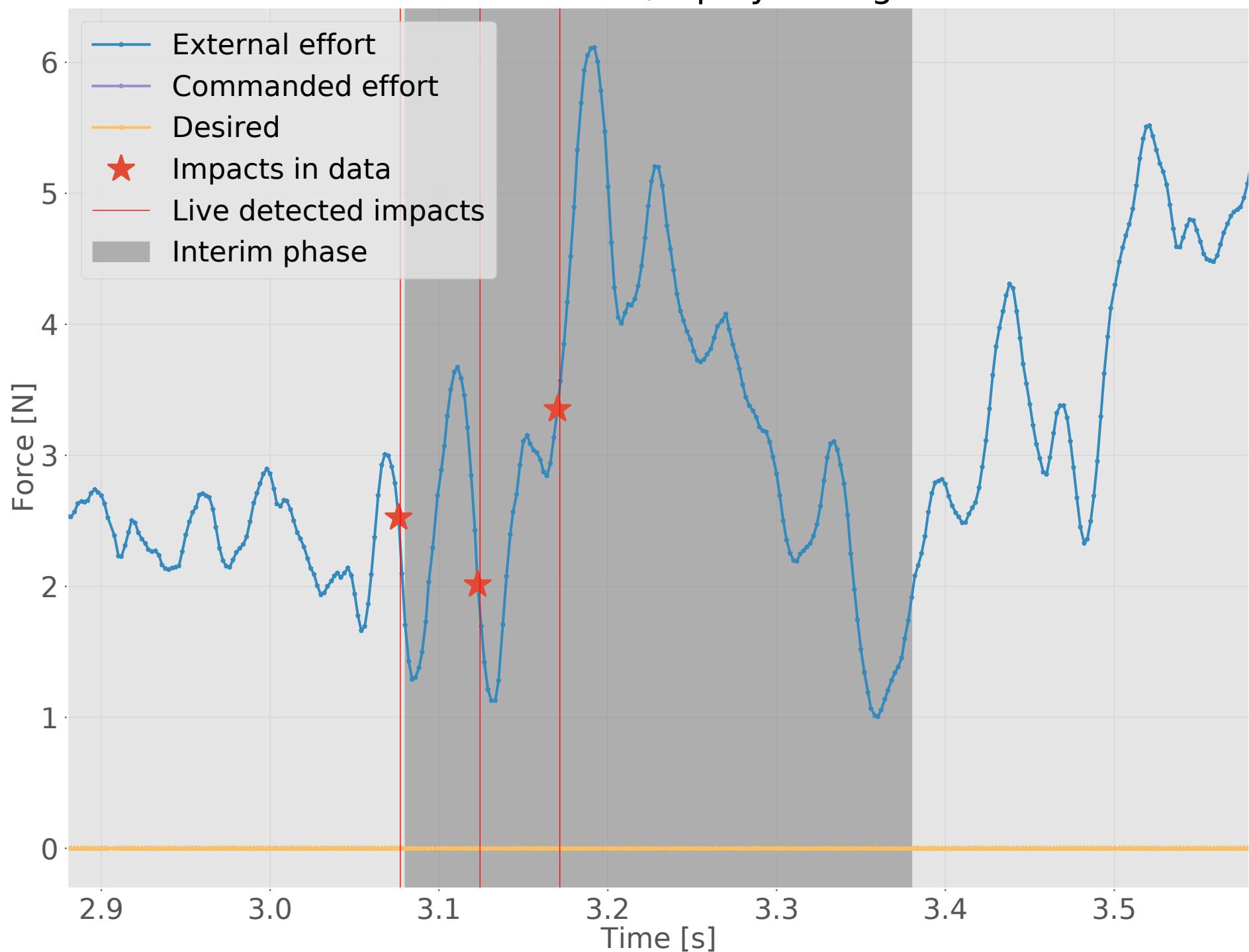
## Effort X data/replay36.bag



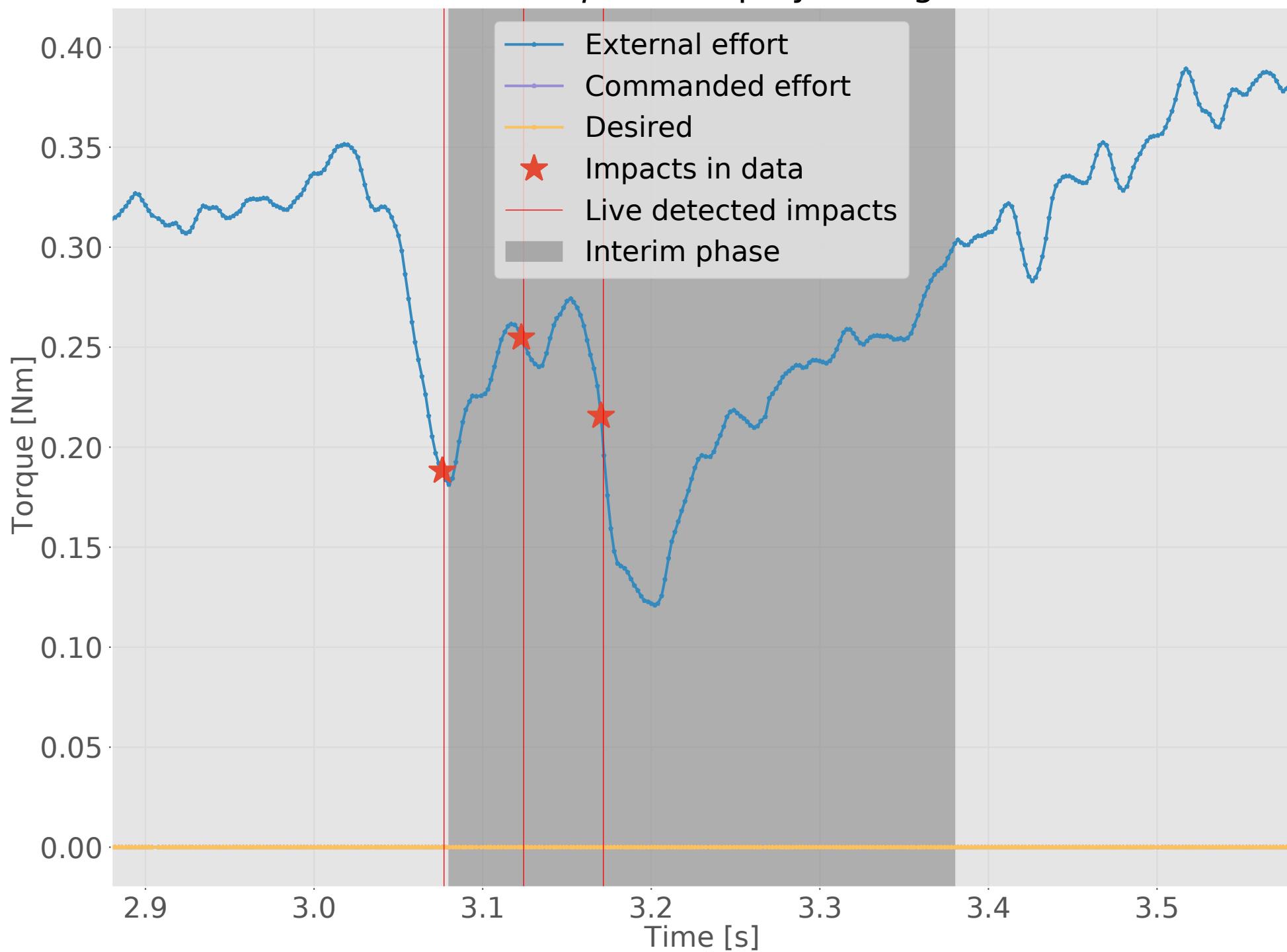
## Effort Y data/replay36.bag



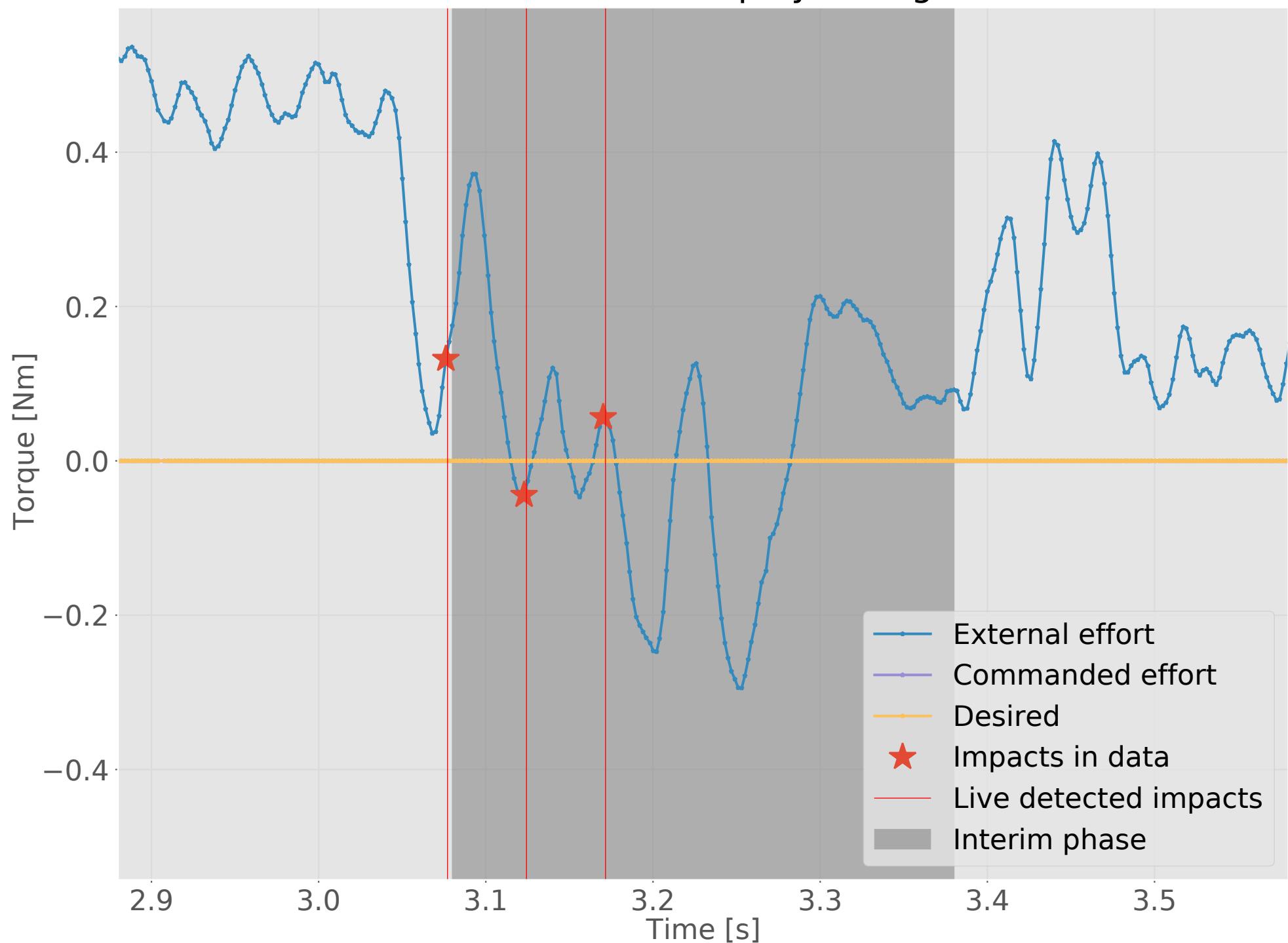
# Effort Z data/replay36.bag



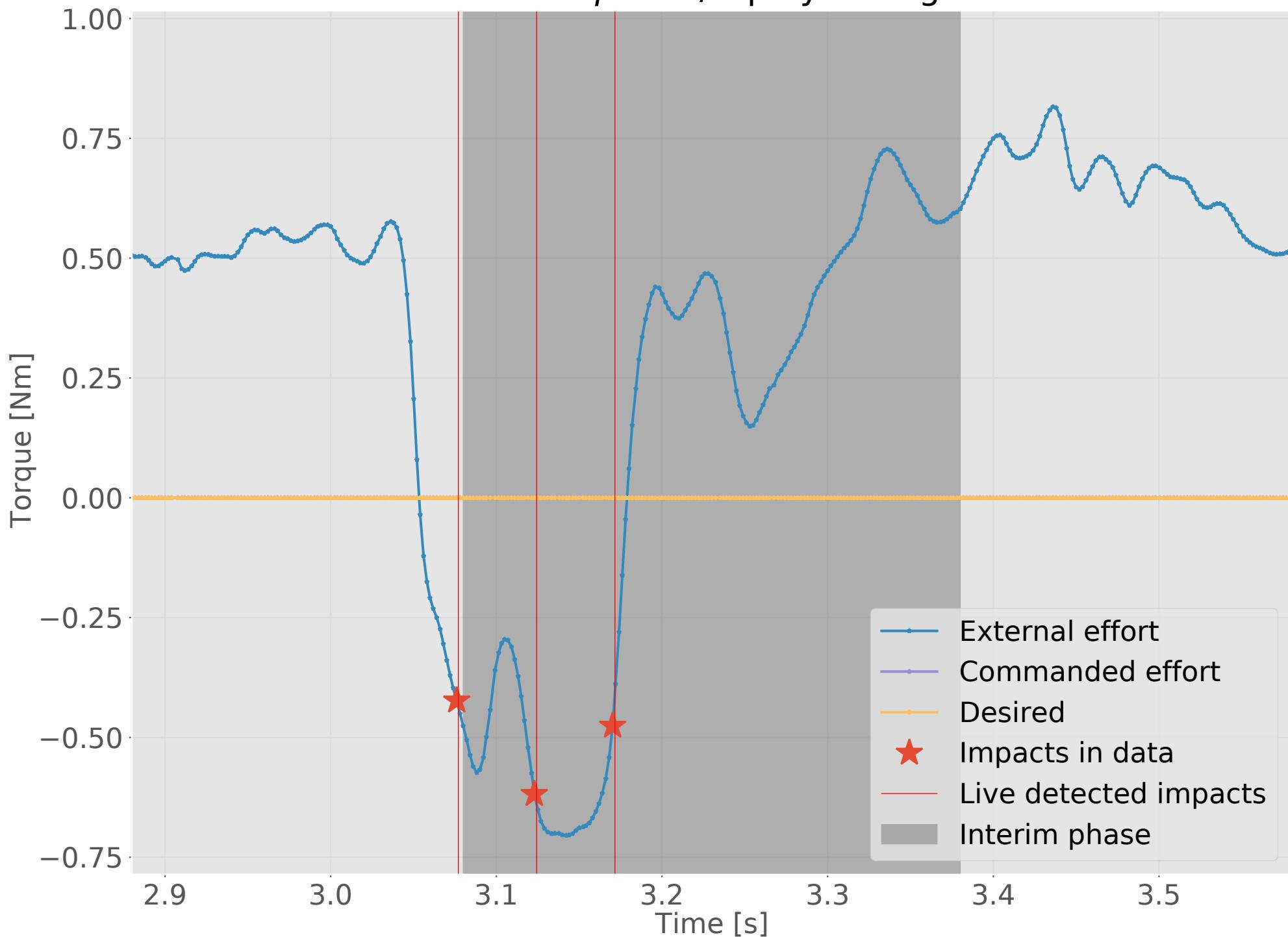
## Effort $\phi$ data/replay36.bag



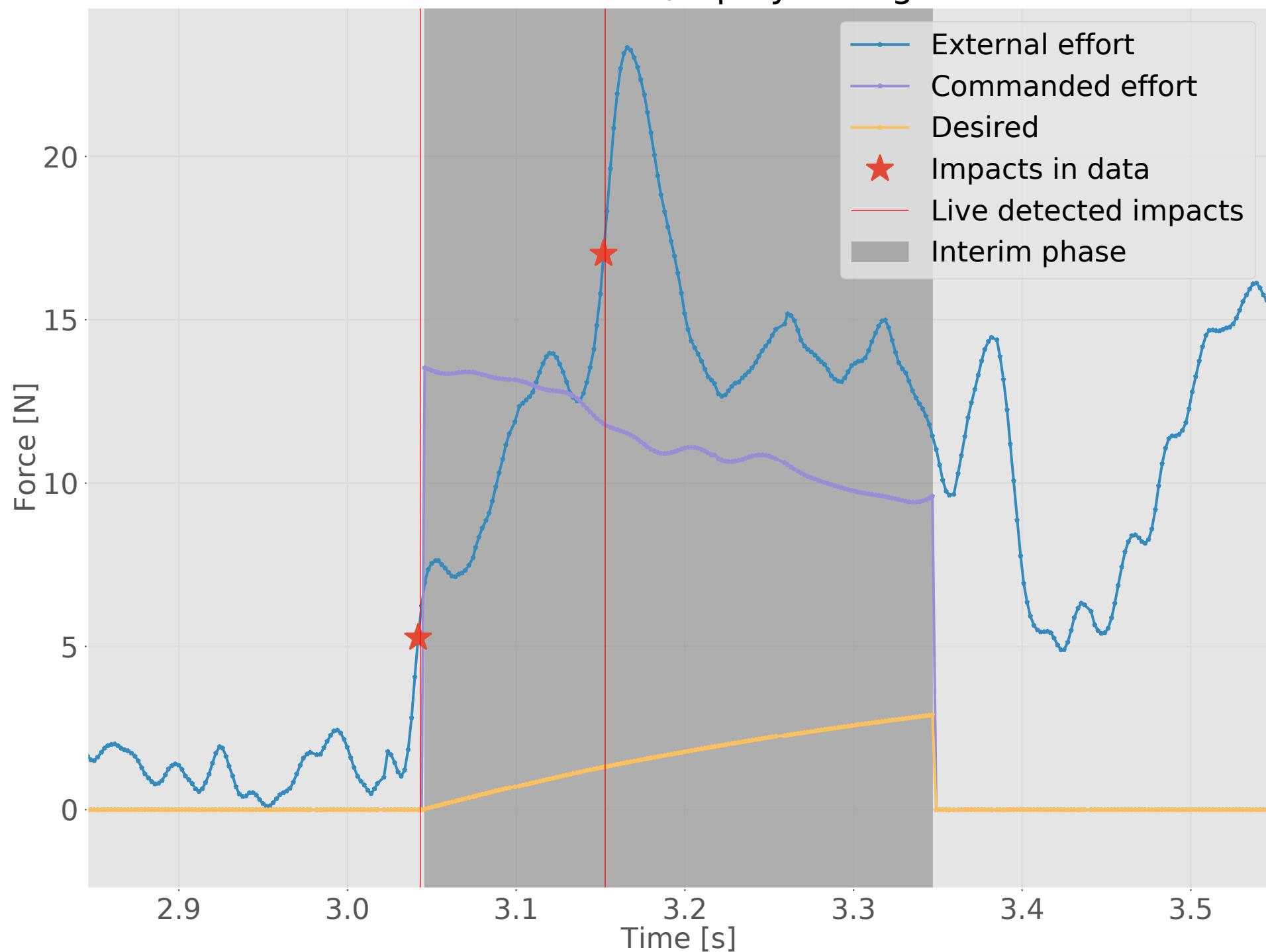
## Effort $\theta$ data/replay36.bag



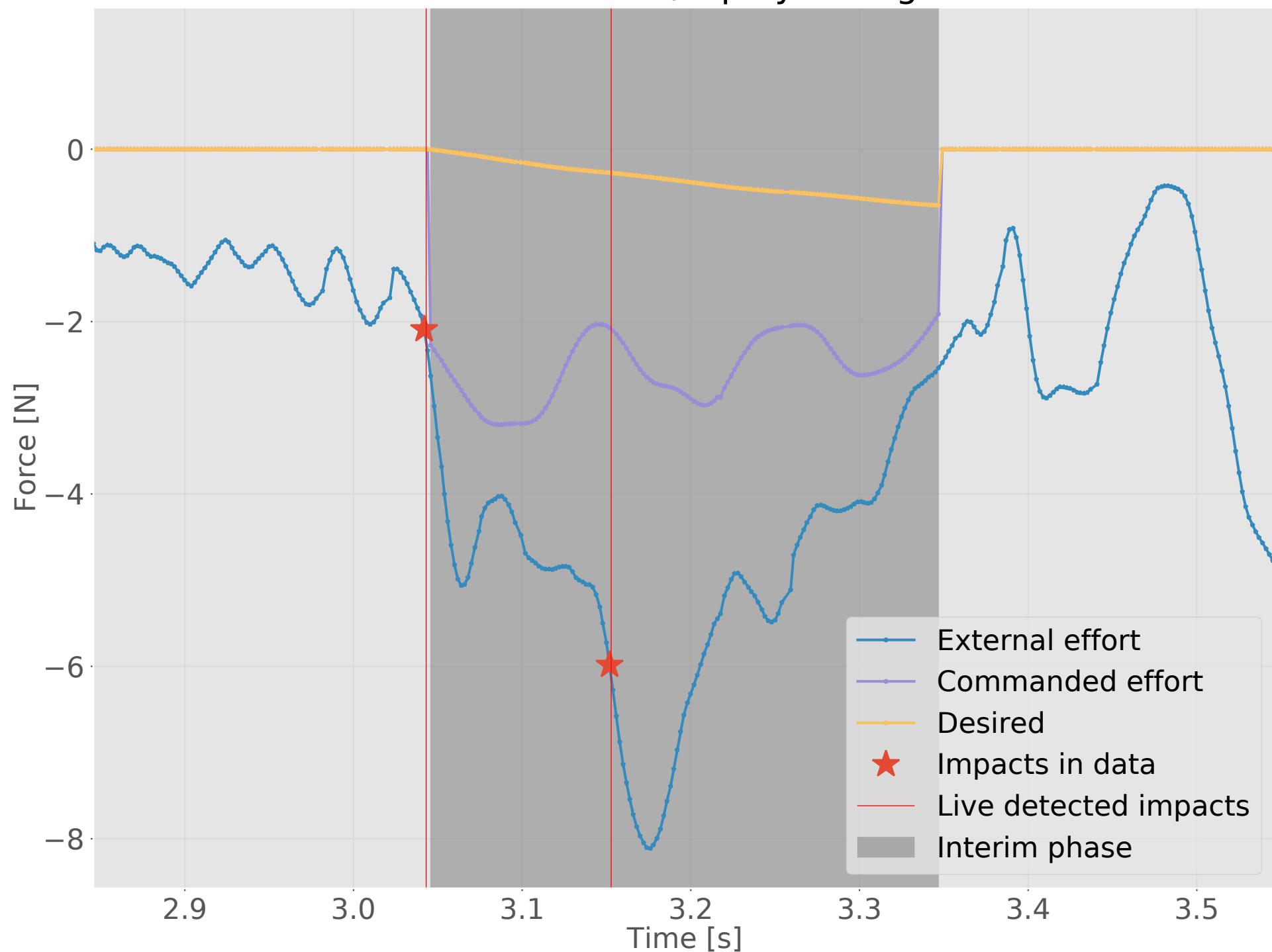
# Effort $\psi$ data/replay36.bag



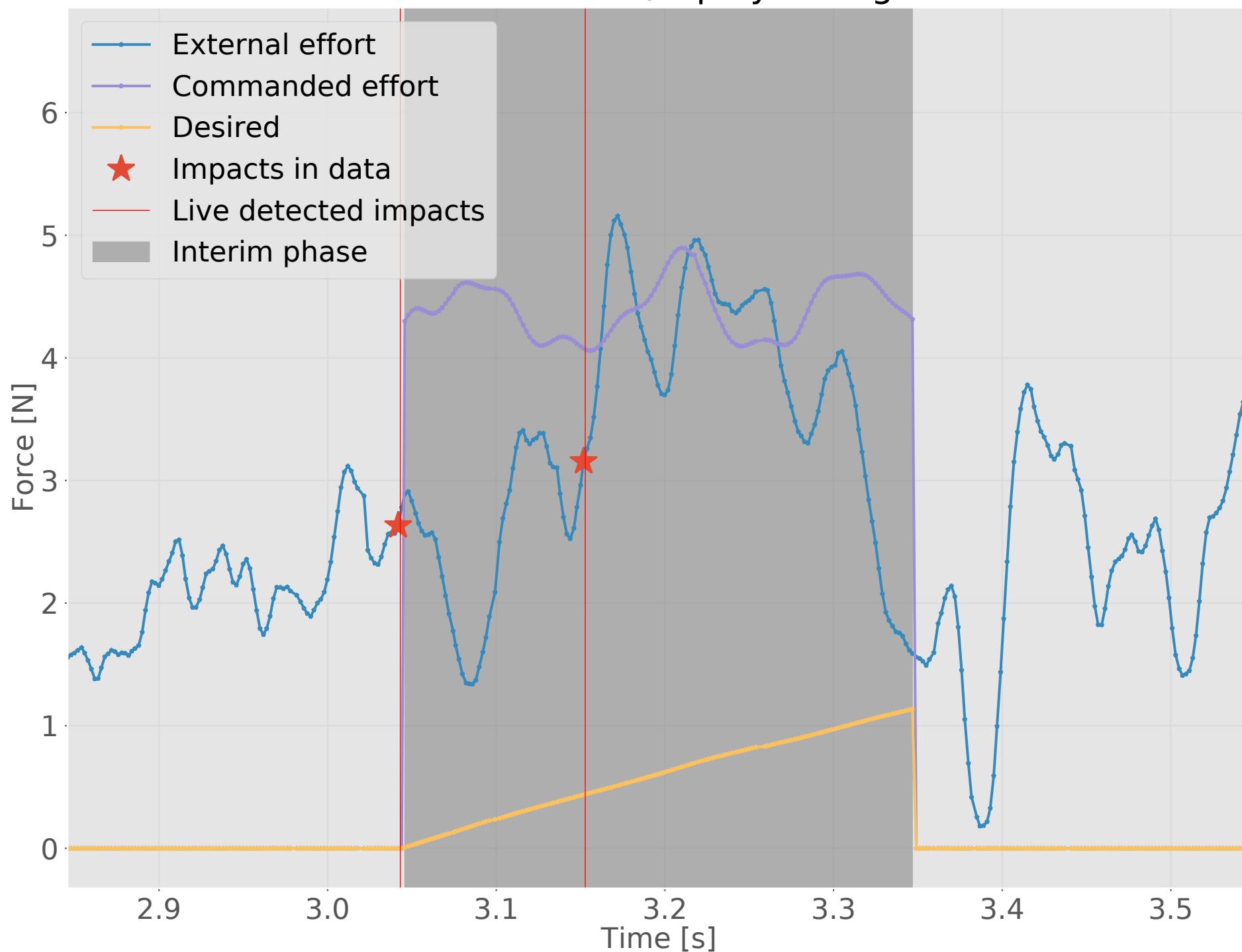
## Effort X data/replay37.bag



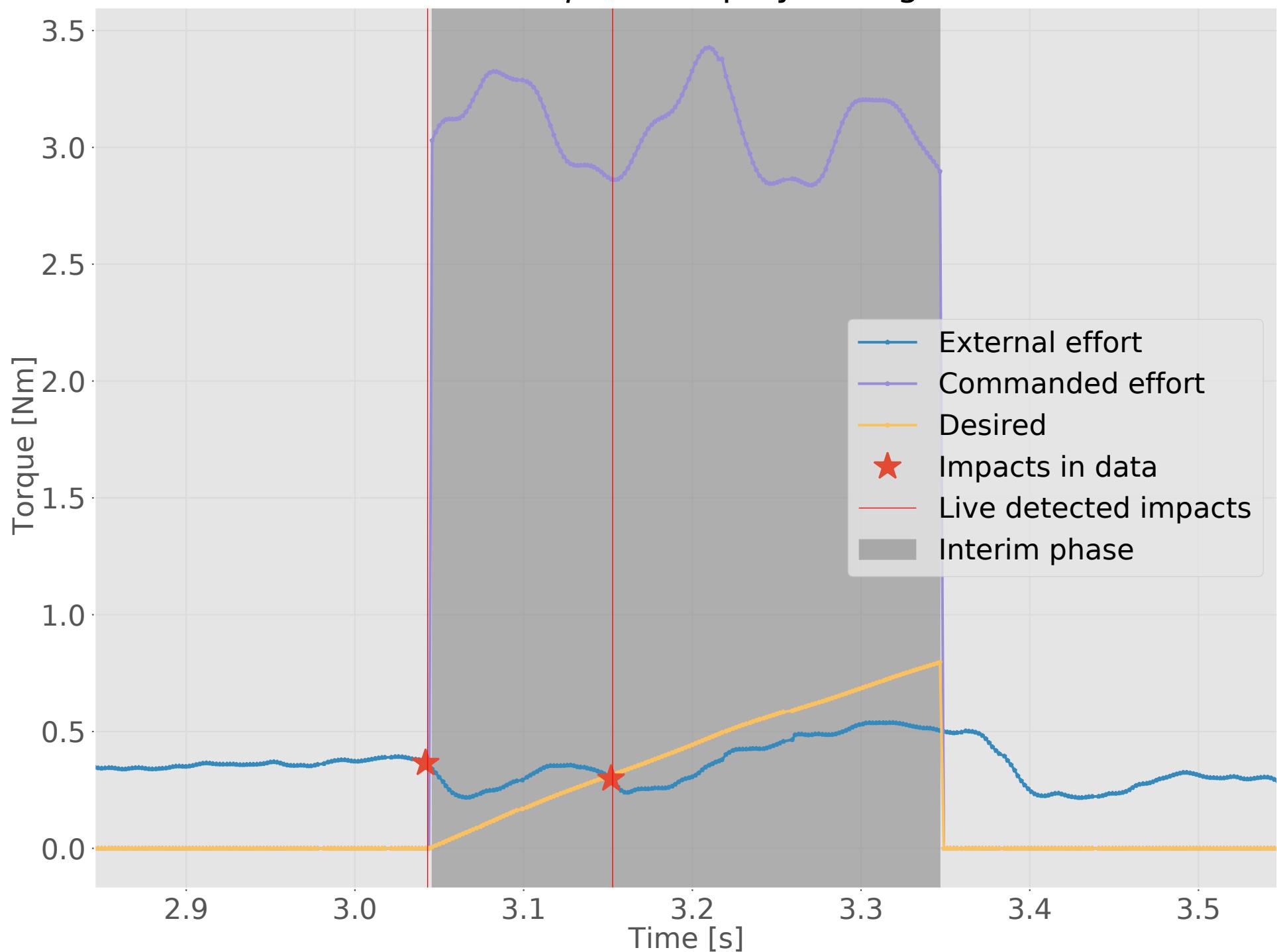
## Effort Y data/replay37.bag



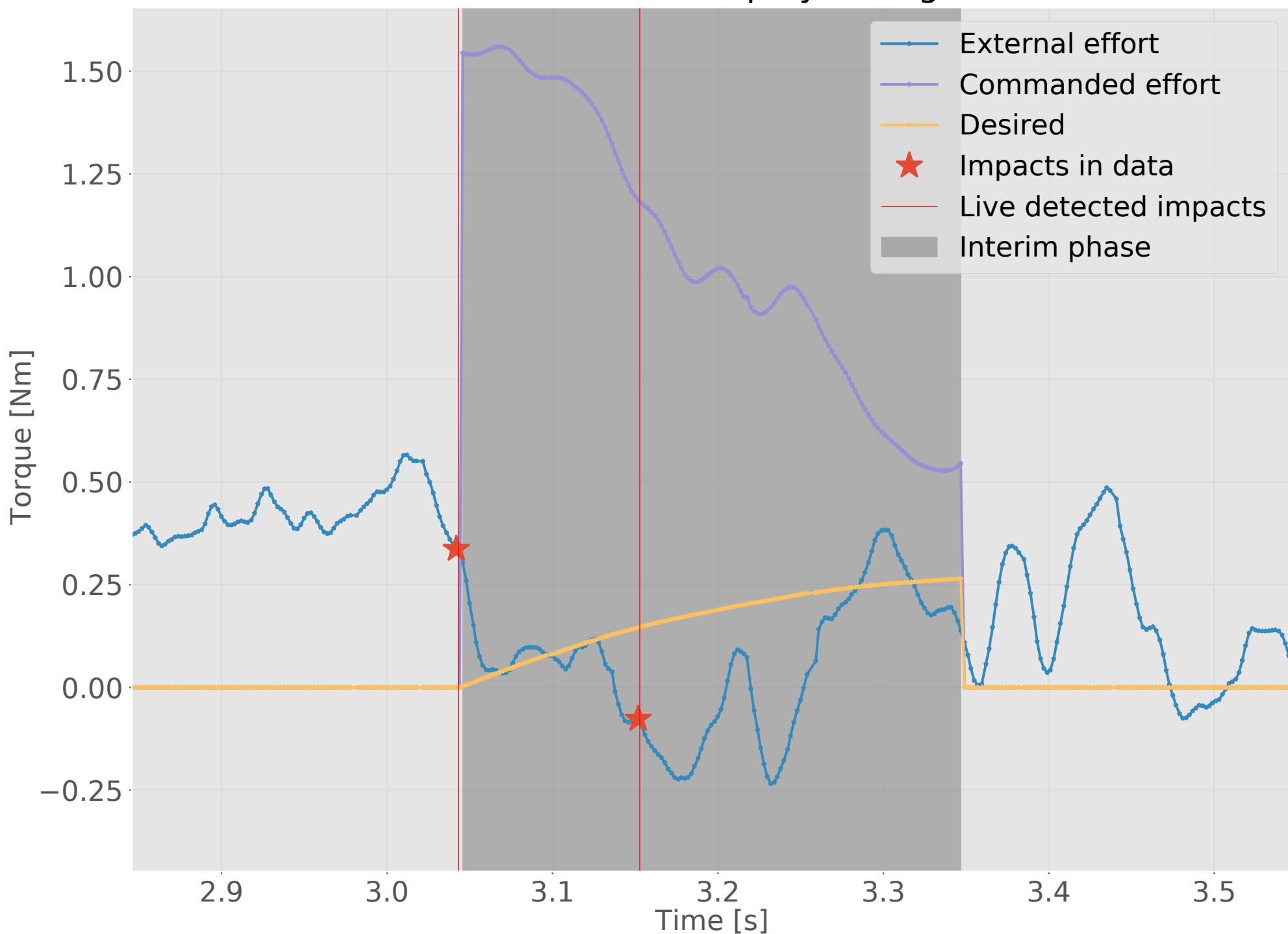
# Effort Z data/replay37.bag



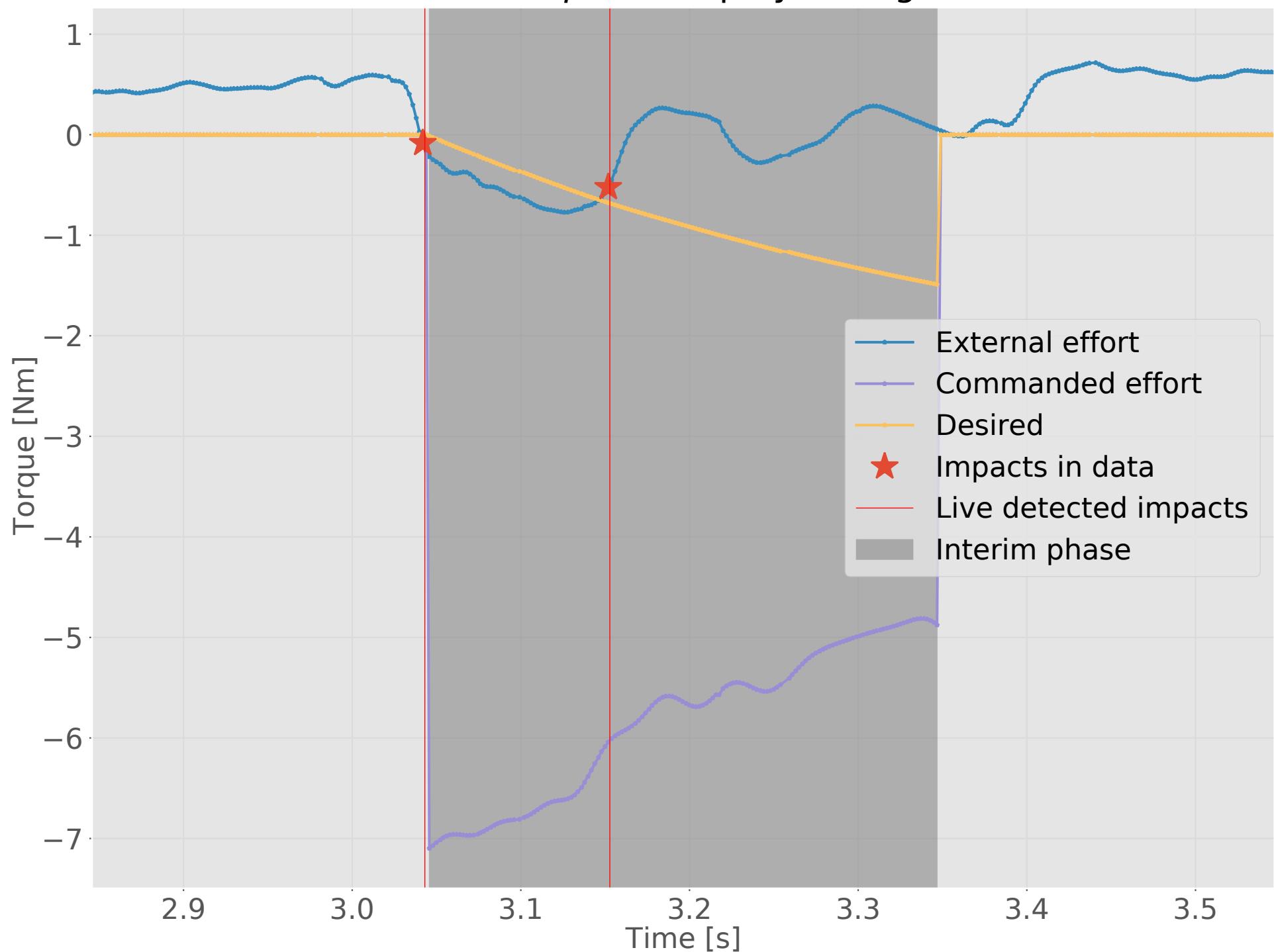
## Effort $\phi$ data/replay37.bag



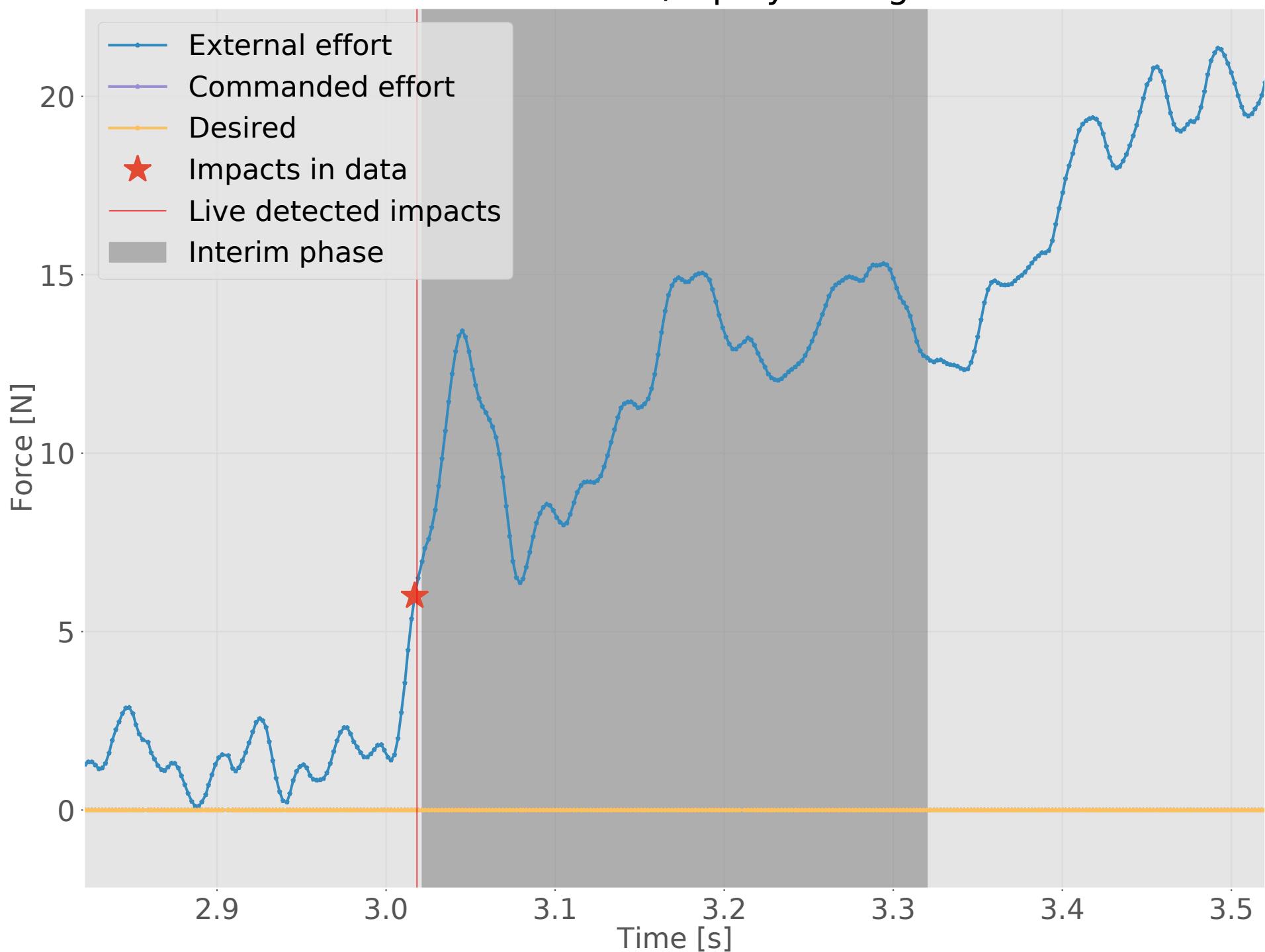
## Effort $\theta$ data/replay37.bag



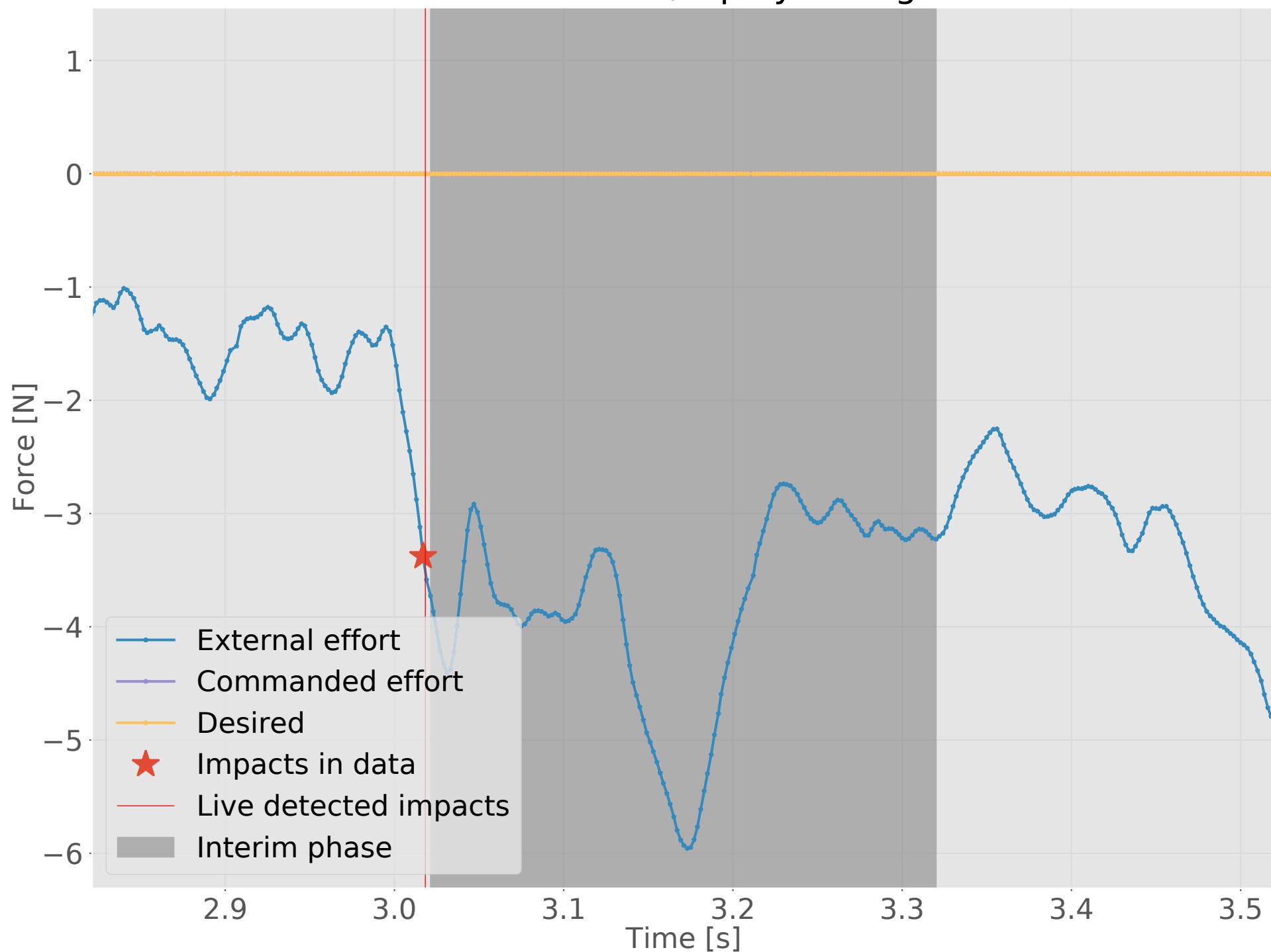
## Effort $\psi$ data/replay37.bag



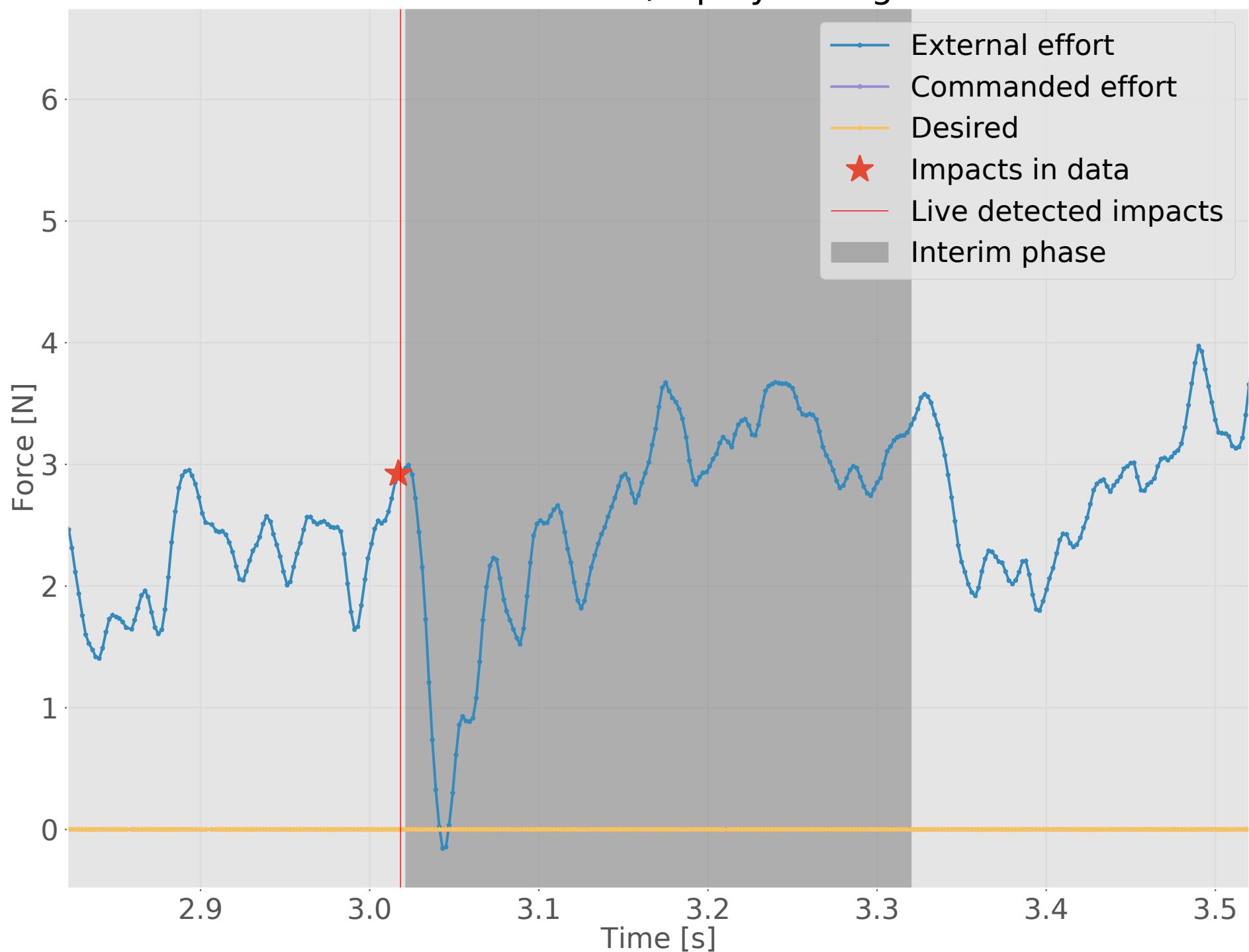
## Effort X data/replay38.bag



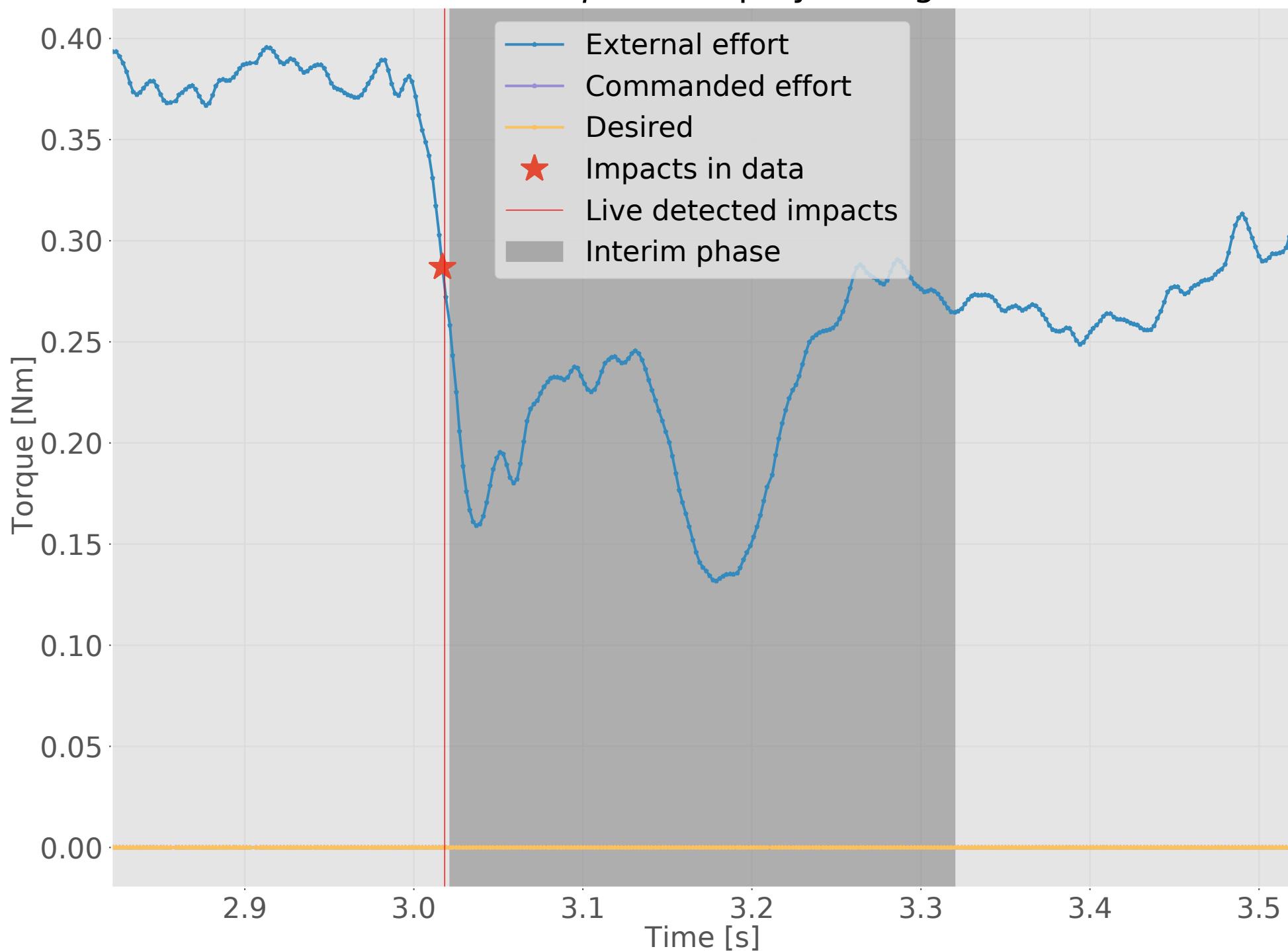
## Effort Y data/replay38.bag



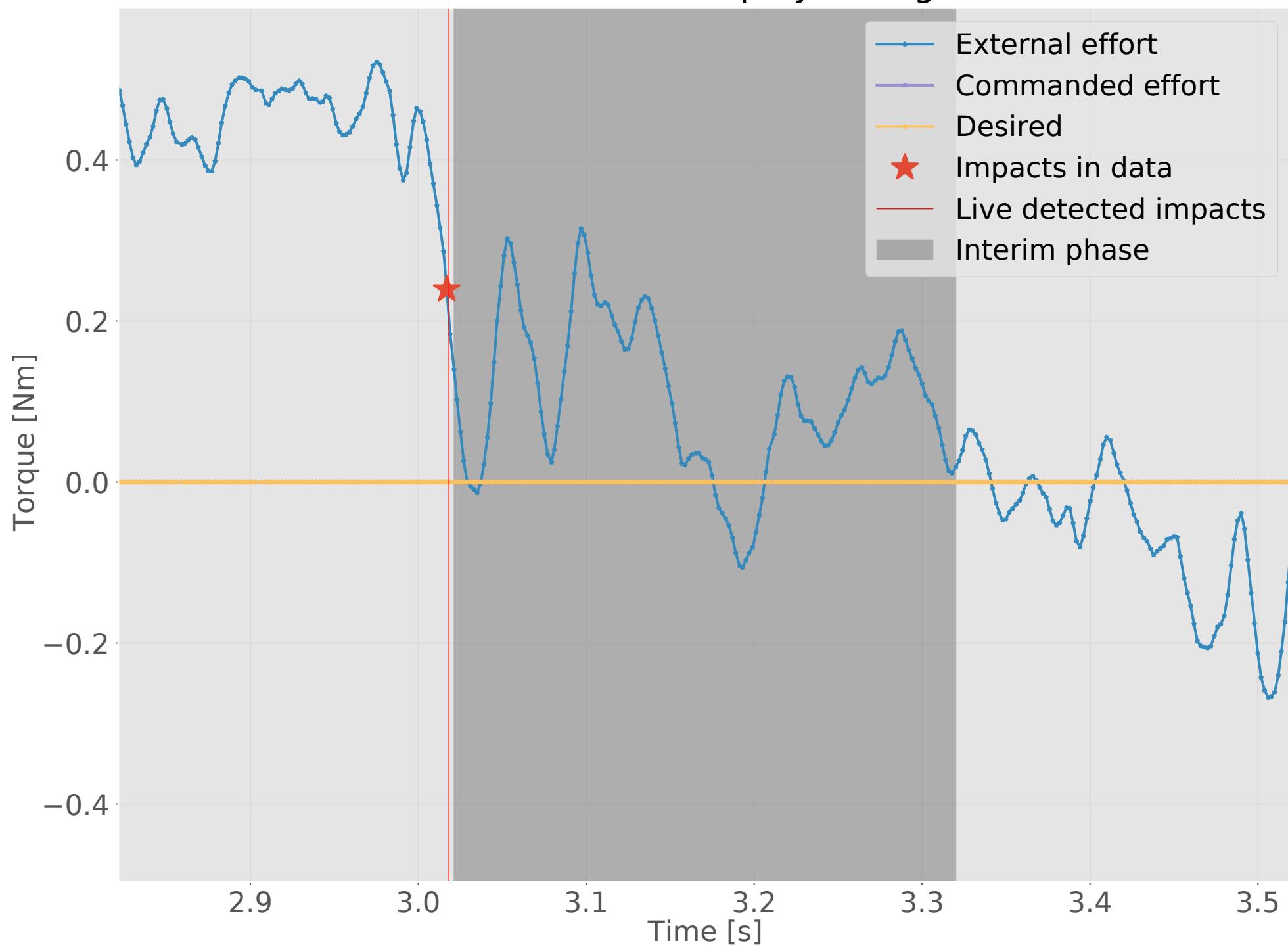
## Effort Z data/replay38.bag



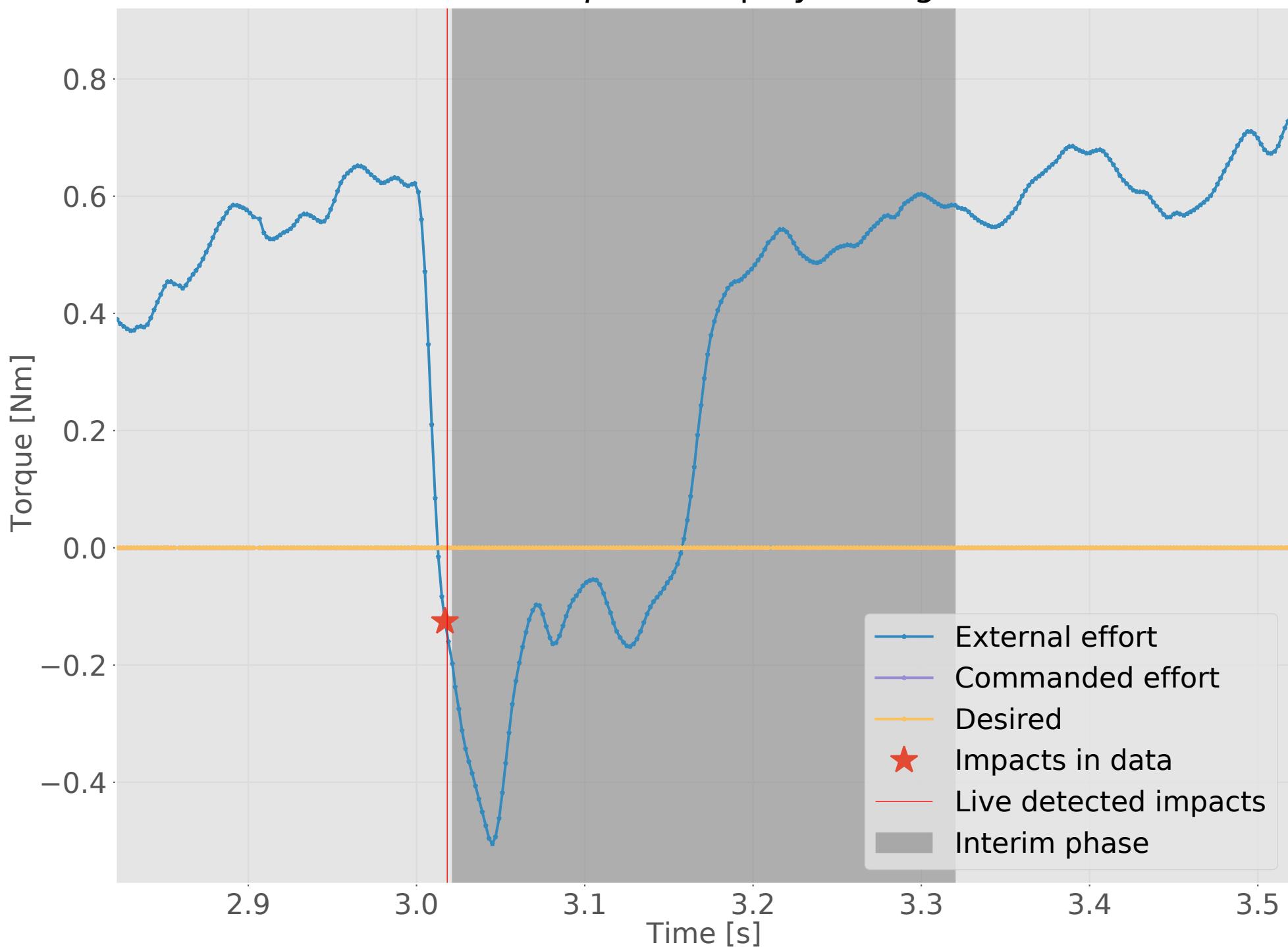
## Effort $\phi$ data/replay38.bag



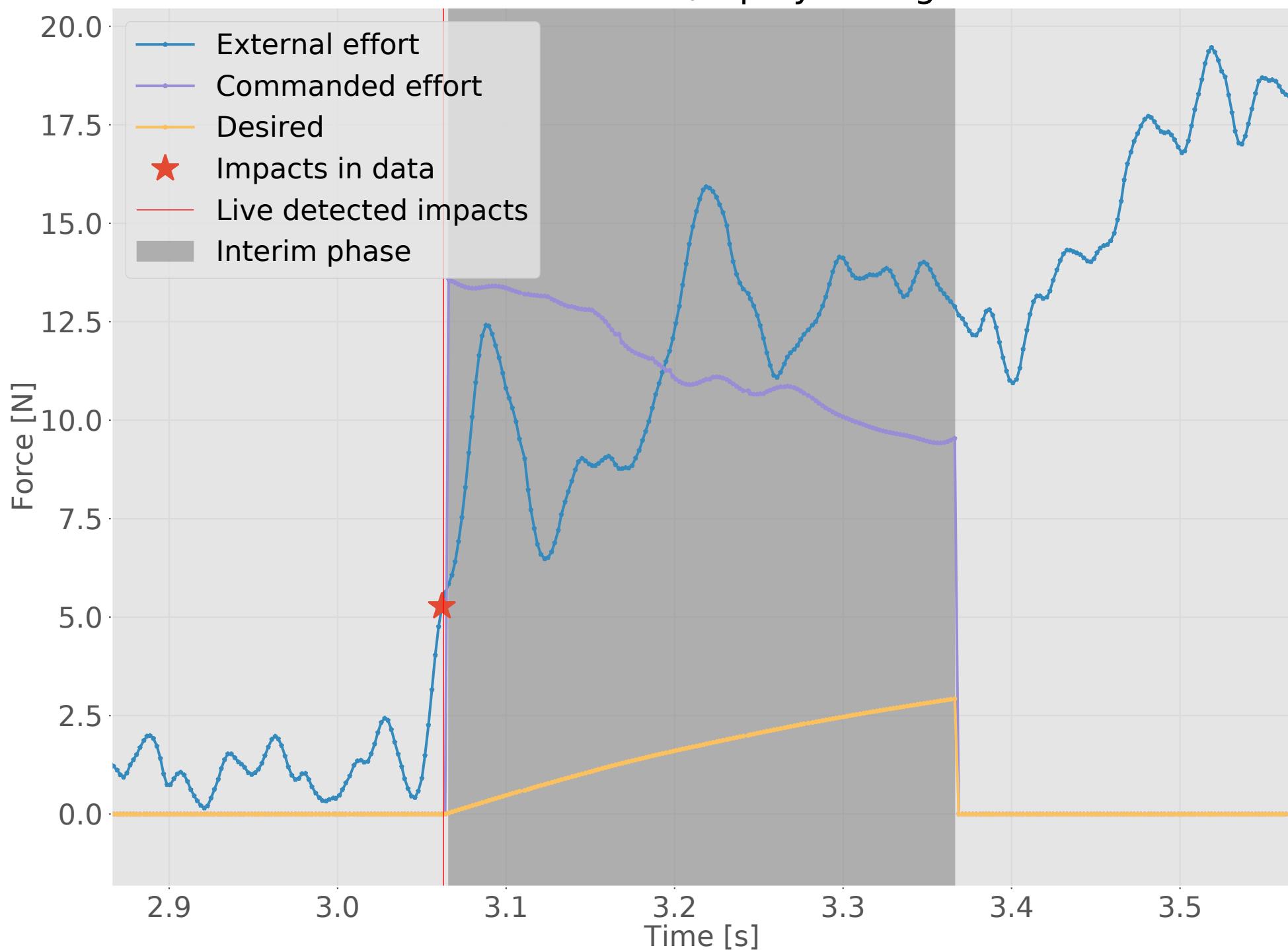
## Effort $\theta$ data/replay38.bag



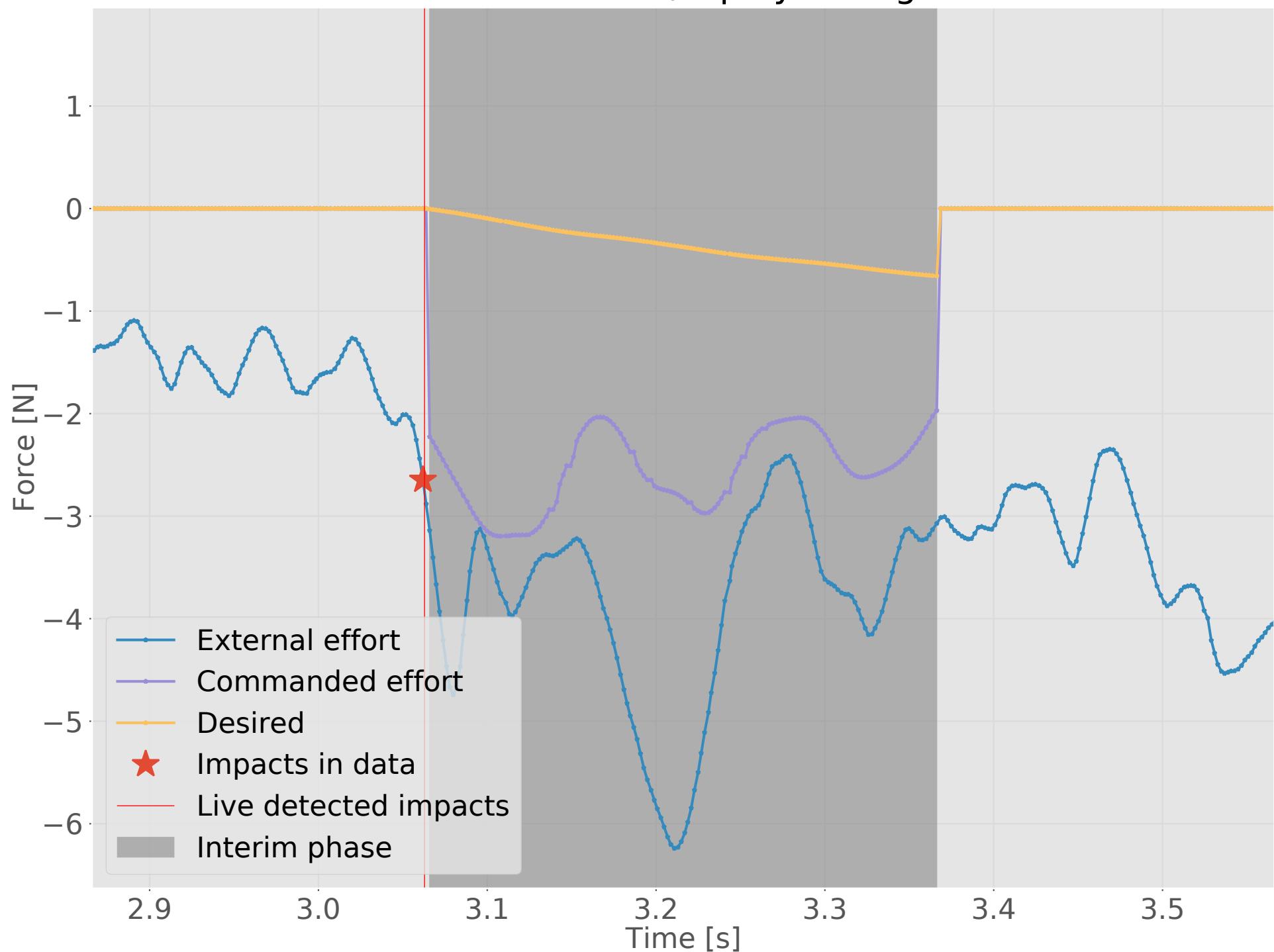
## Effort $\psi$ data/replay38.bag



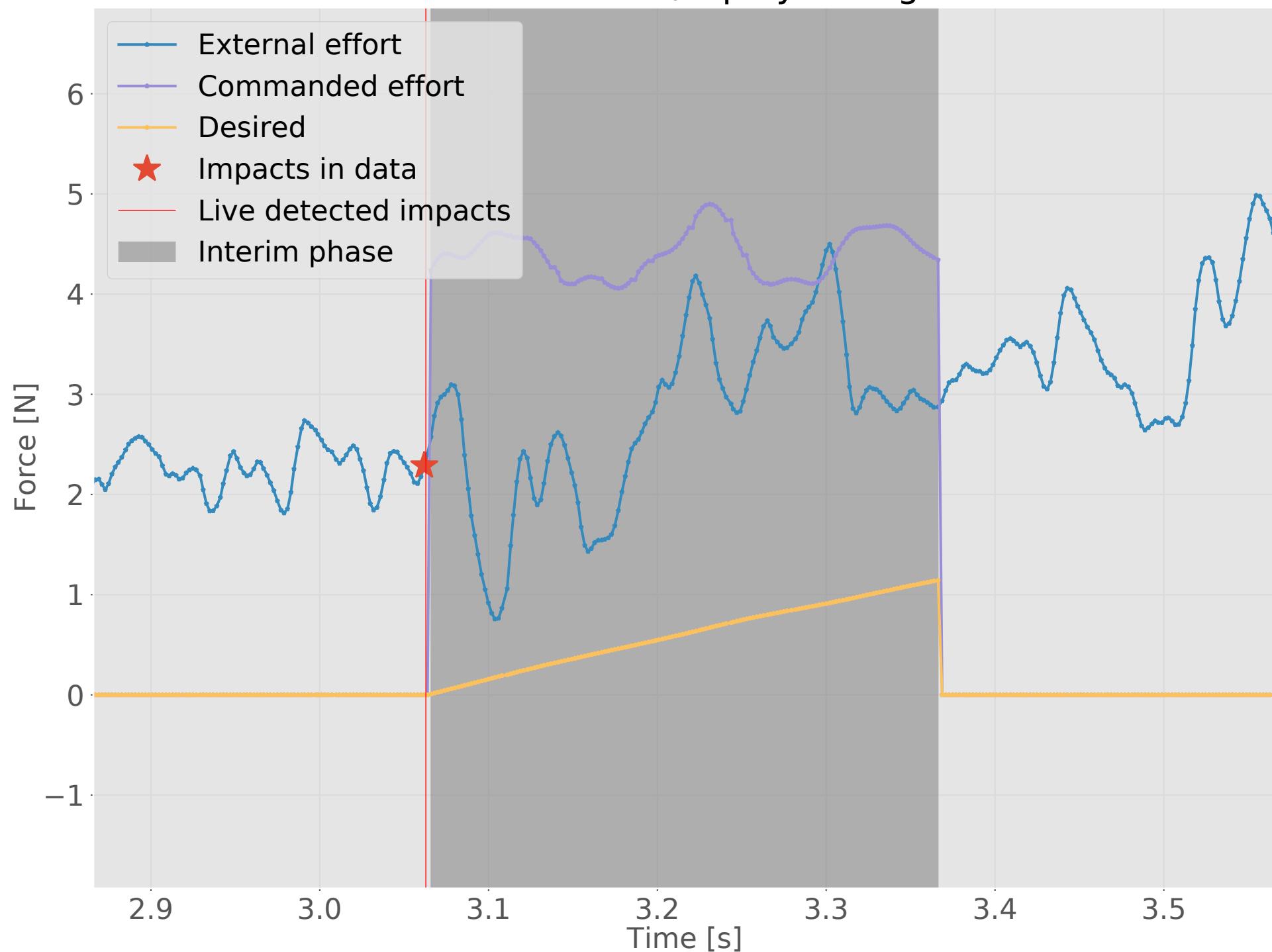
## Effort X data/replay39.bag



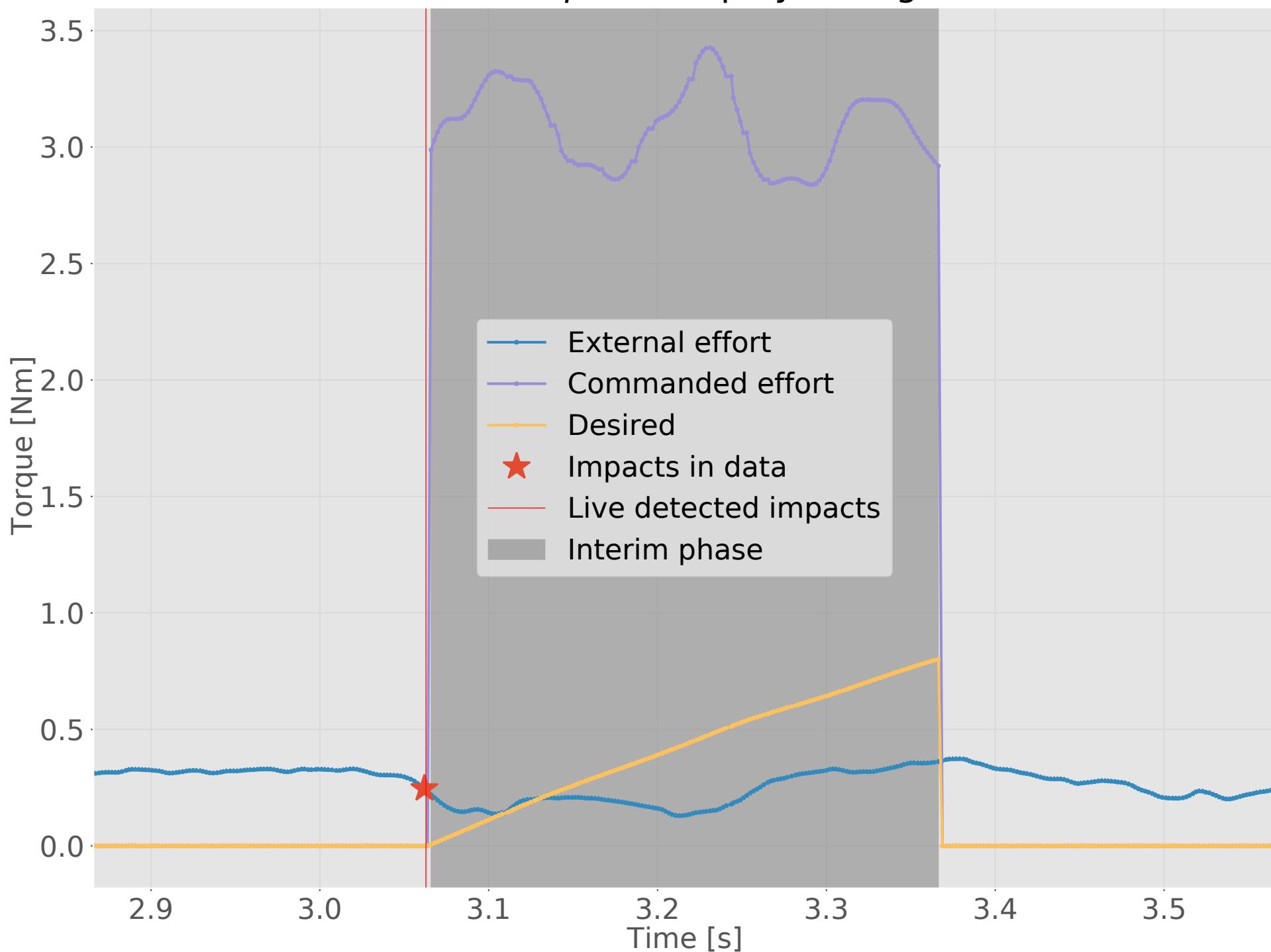
# Effort Y data/replay39.bag



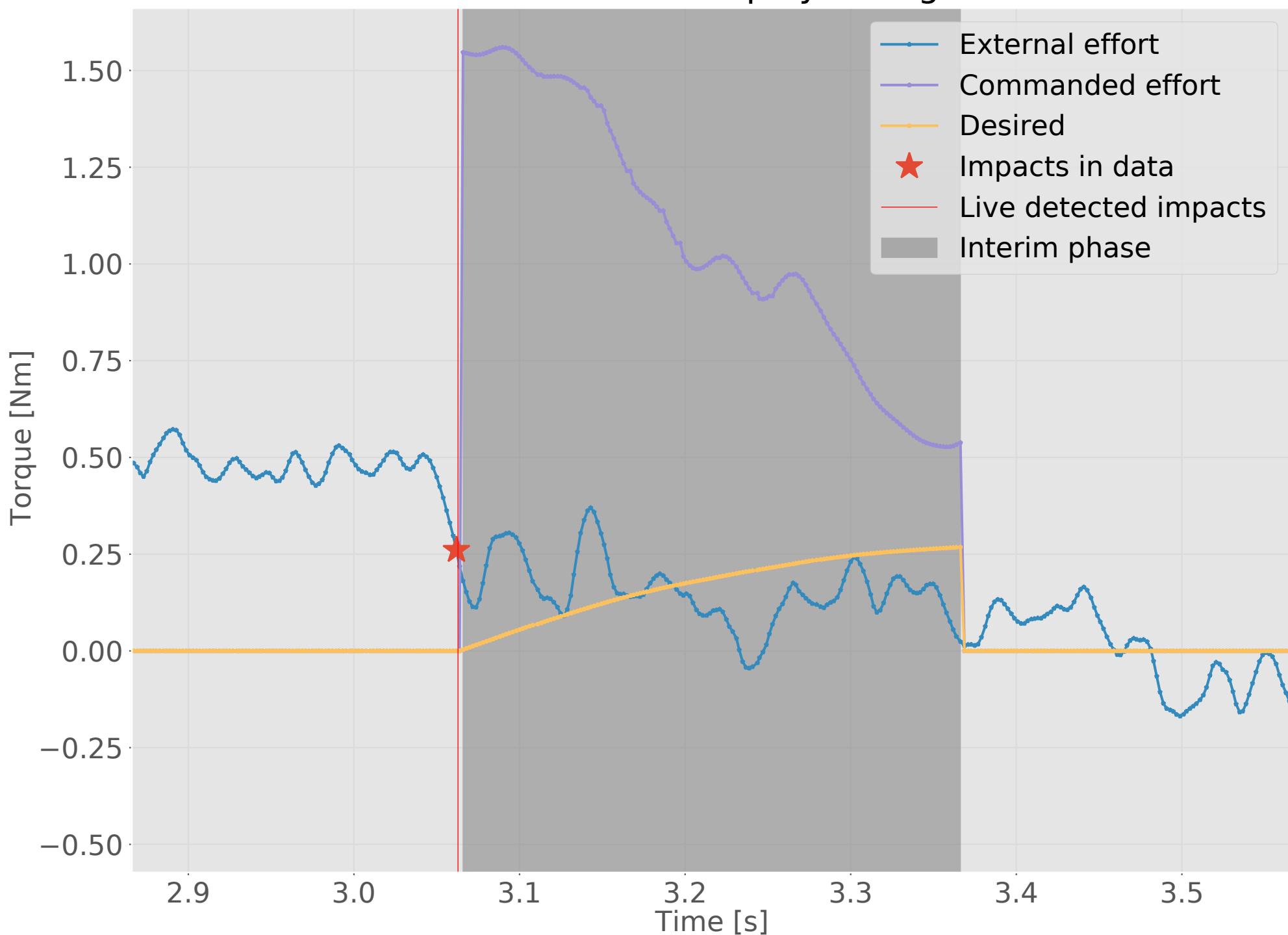
## Effort Z data/replay39.bag



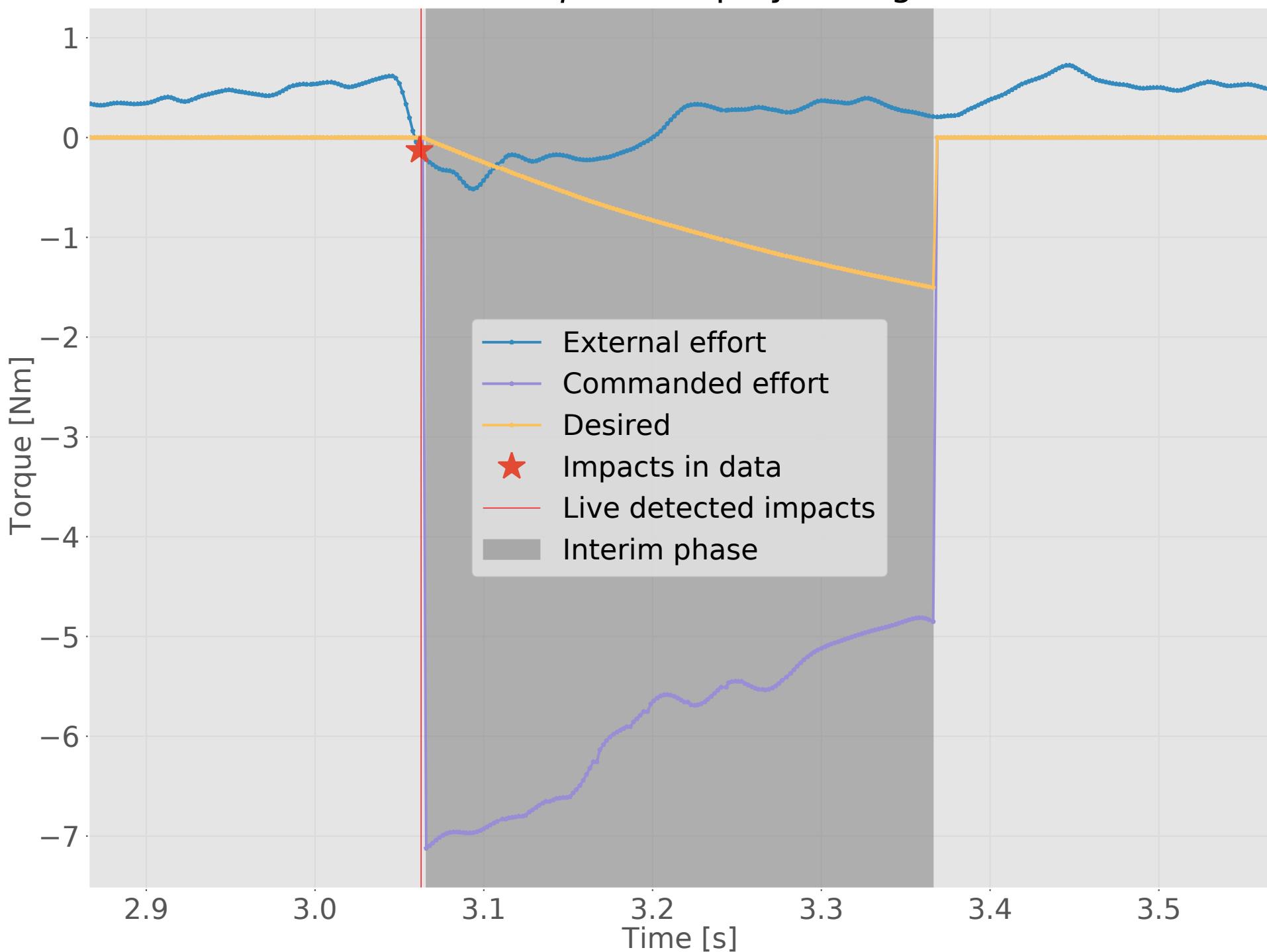
## Effort $\phi$ data/replay39.bag



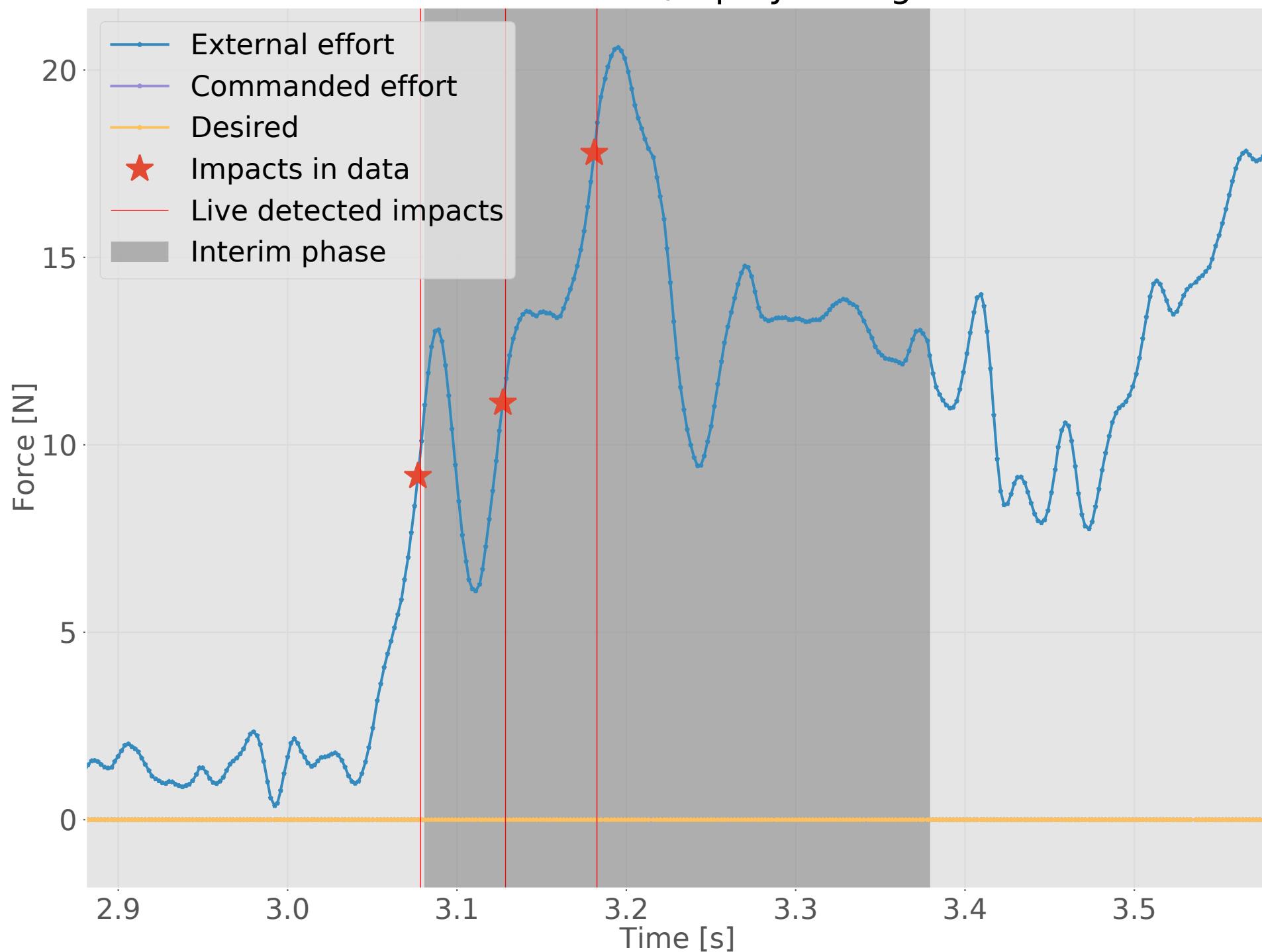
## Effort $\theta$ data/replay39.bag



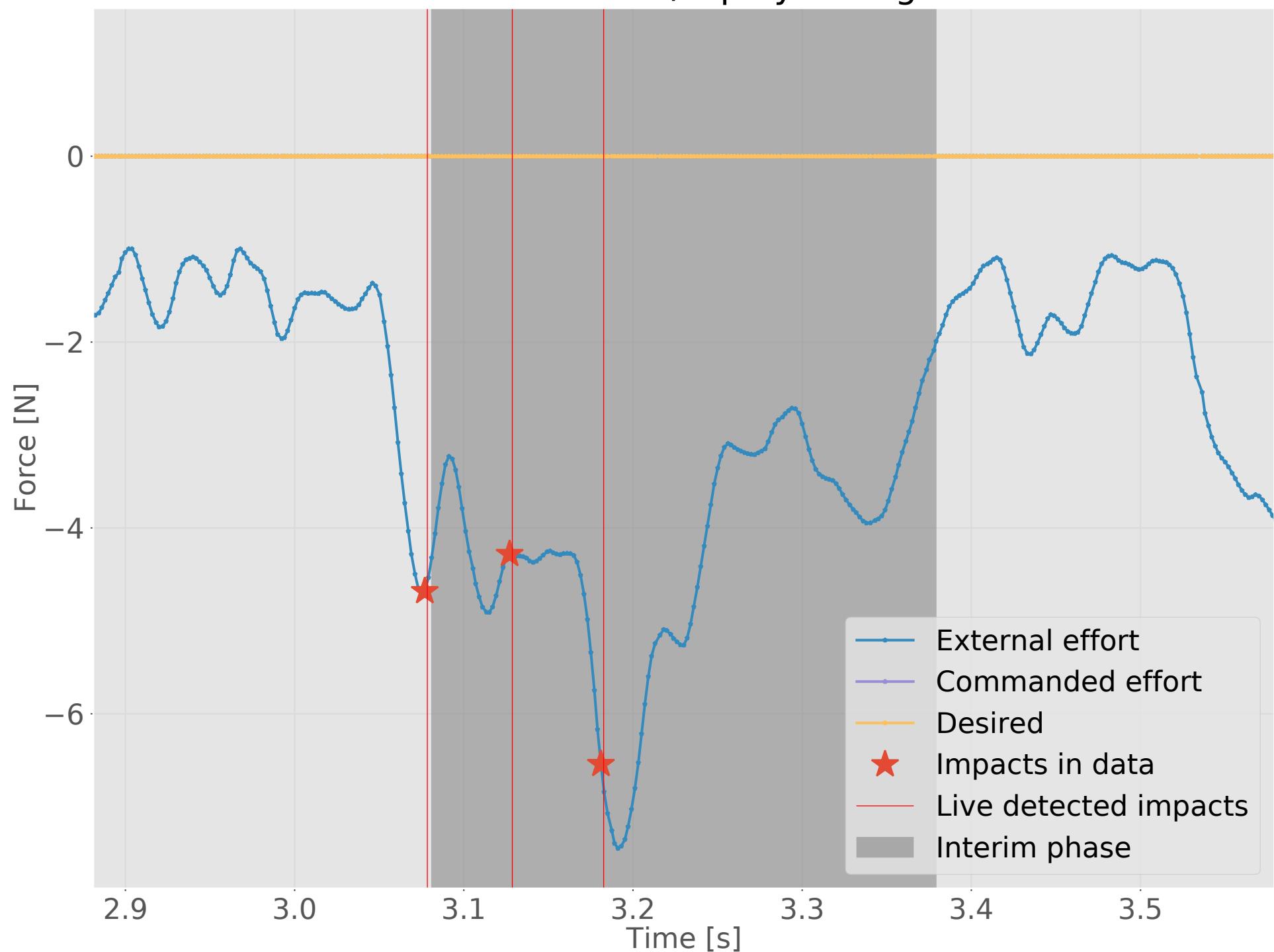
## Effort $\psi$ data/replay39.bag



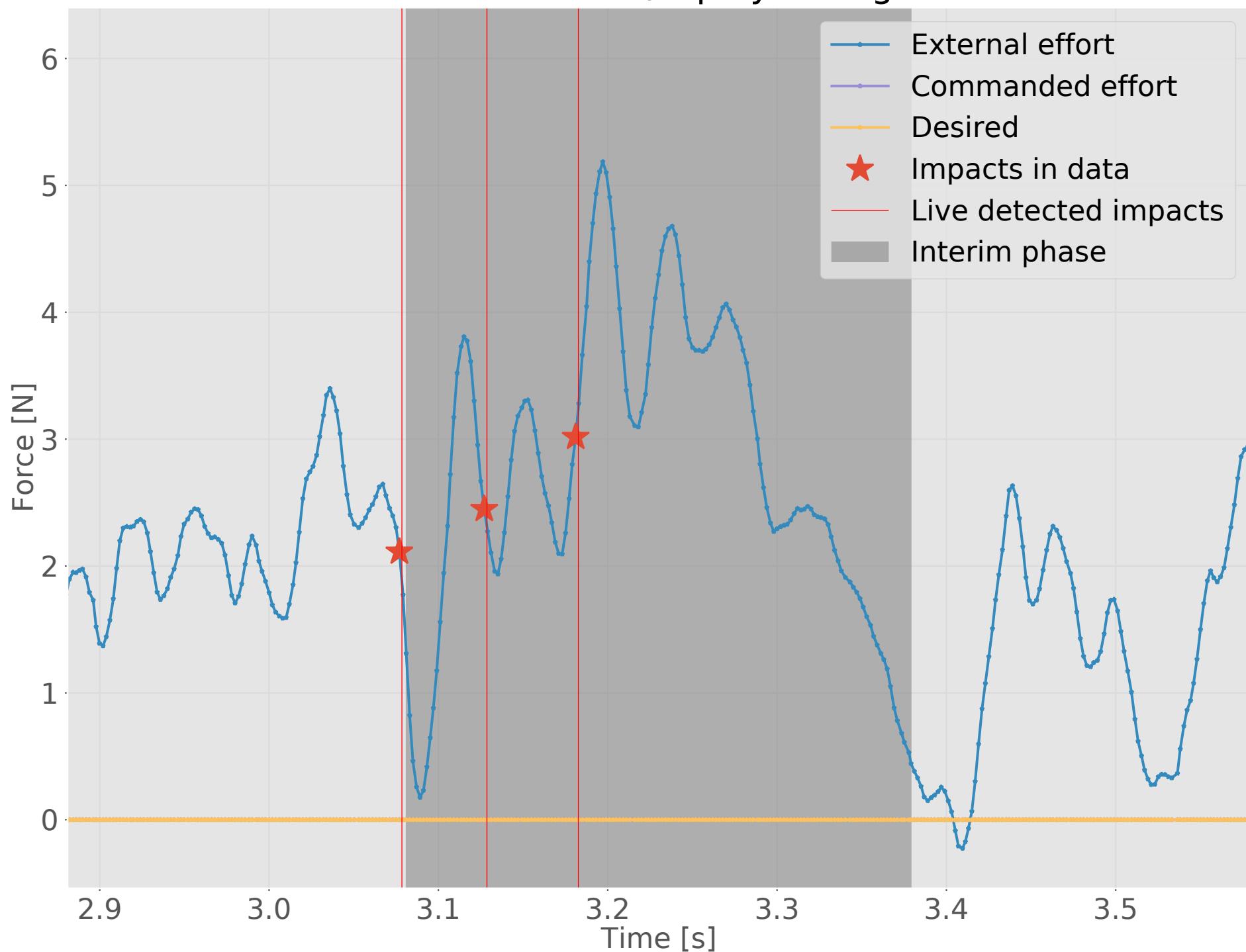
## Effort X data/replay40.bag



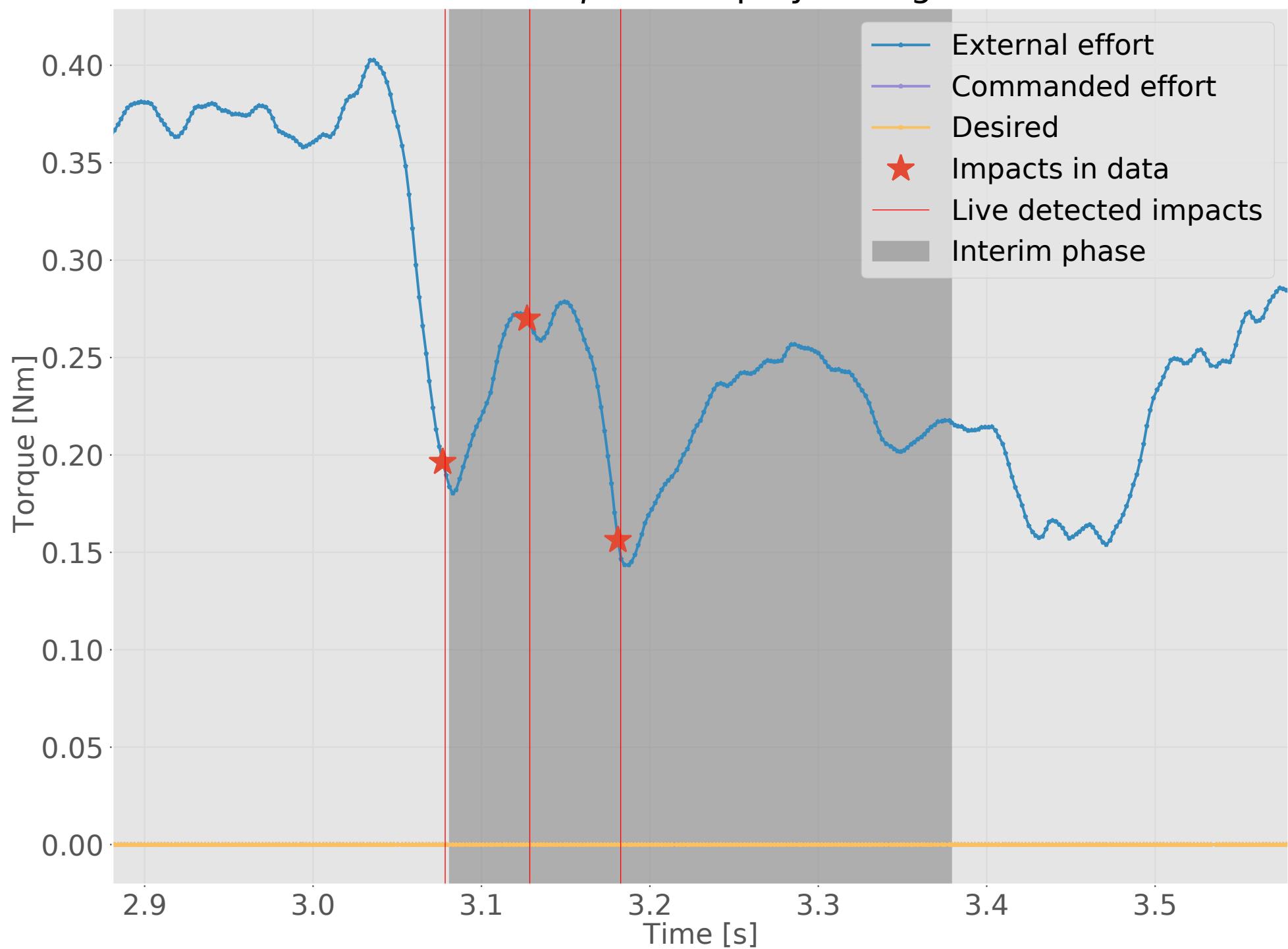
## Effort Y data/replay40.bag



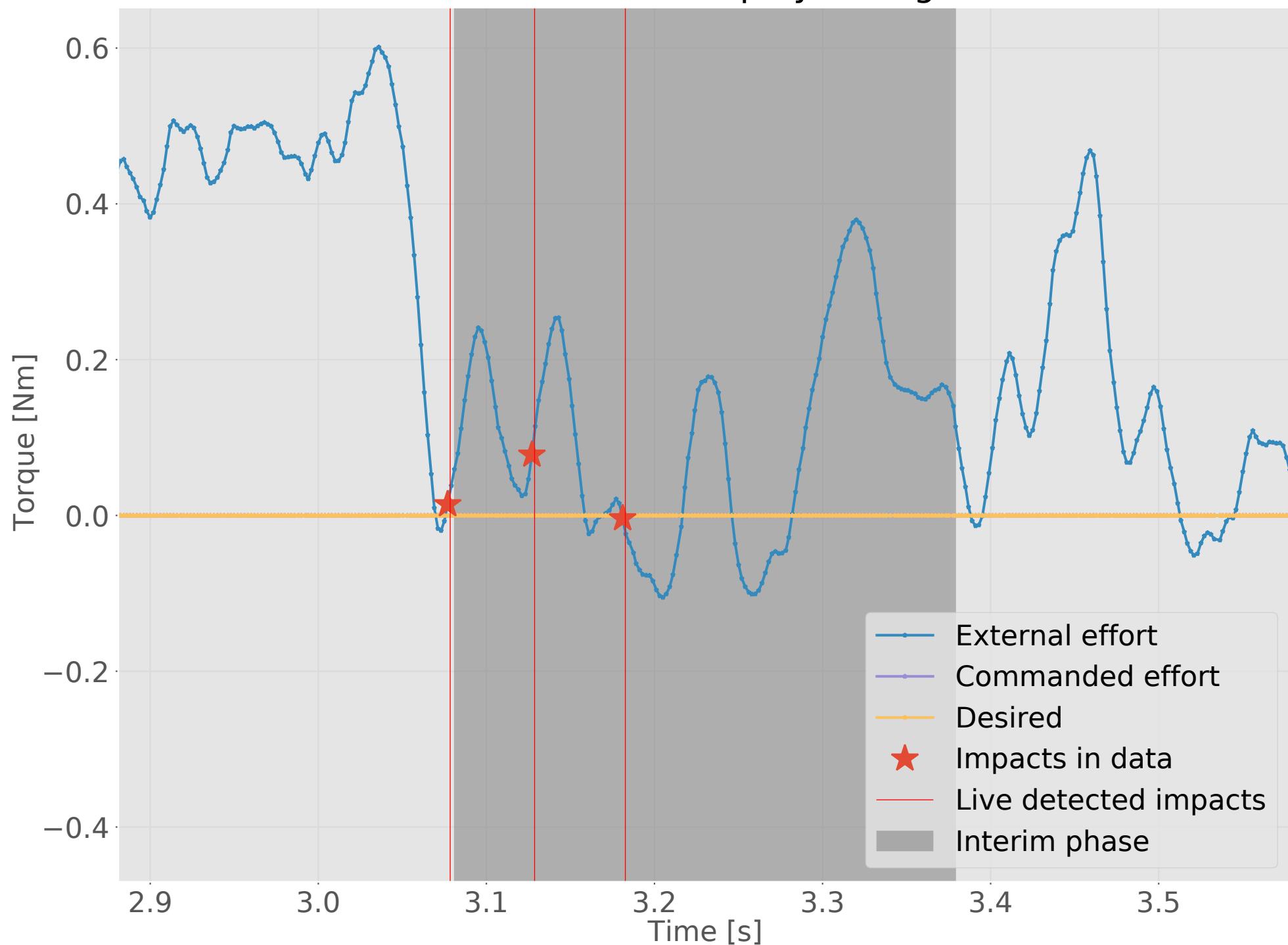
## Effort Z data/replay40.bag



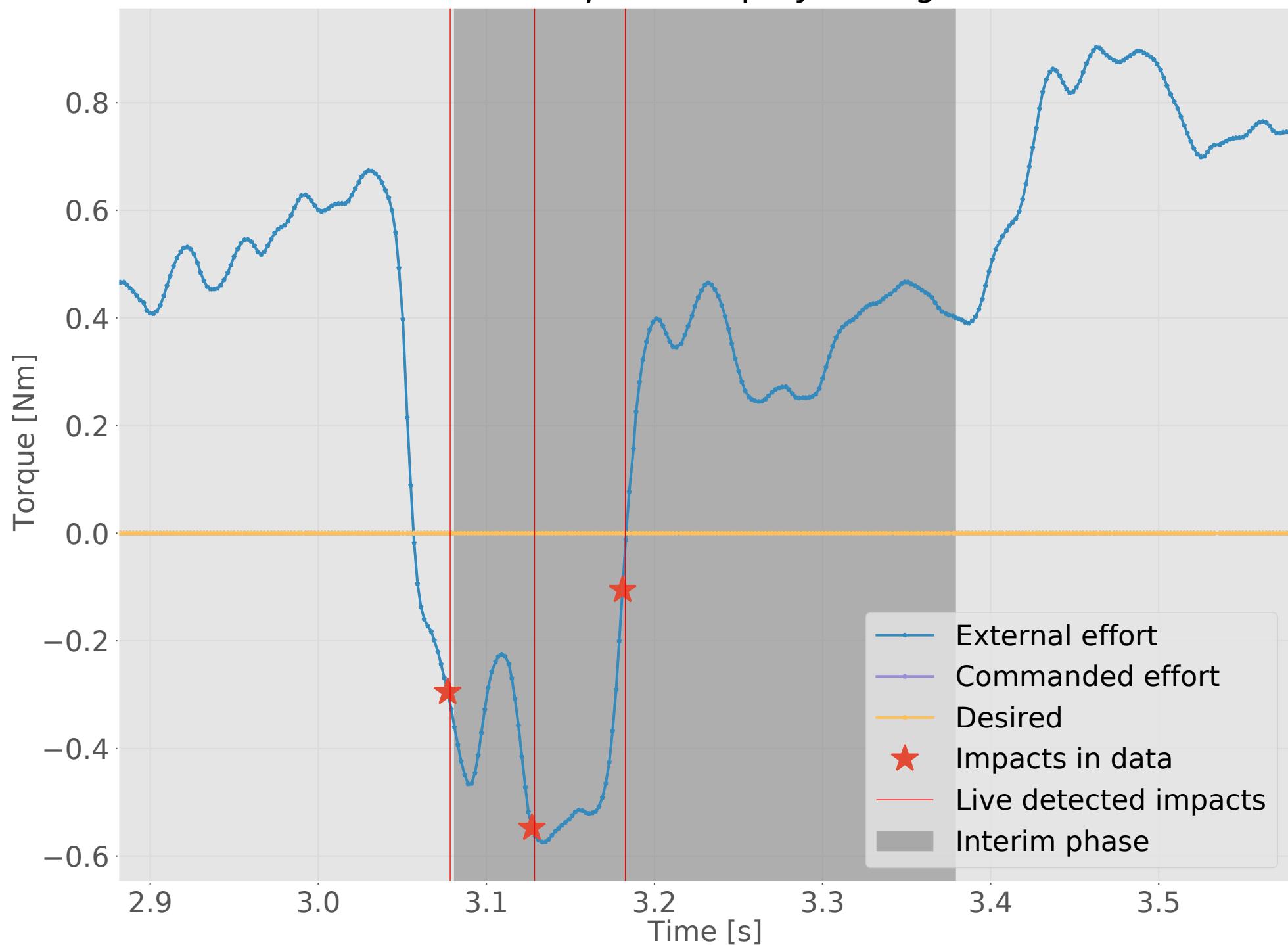
## Effort $\phi$ data/replay40.bag



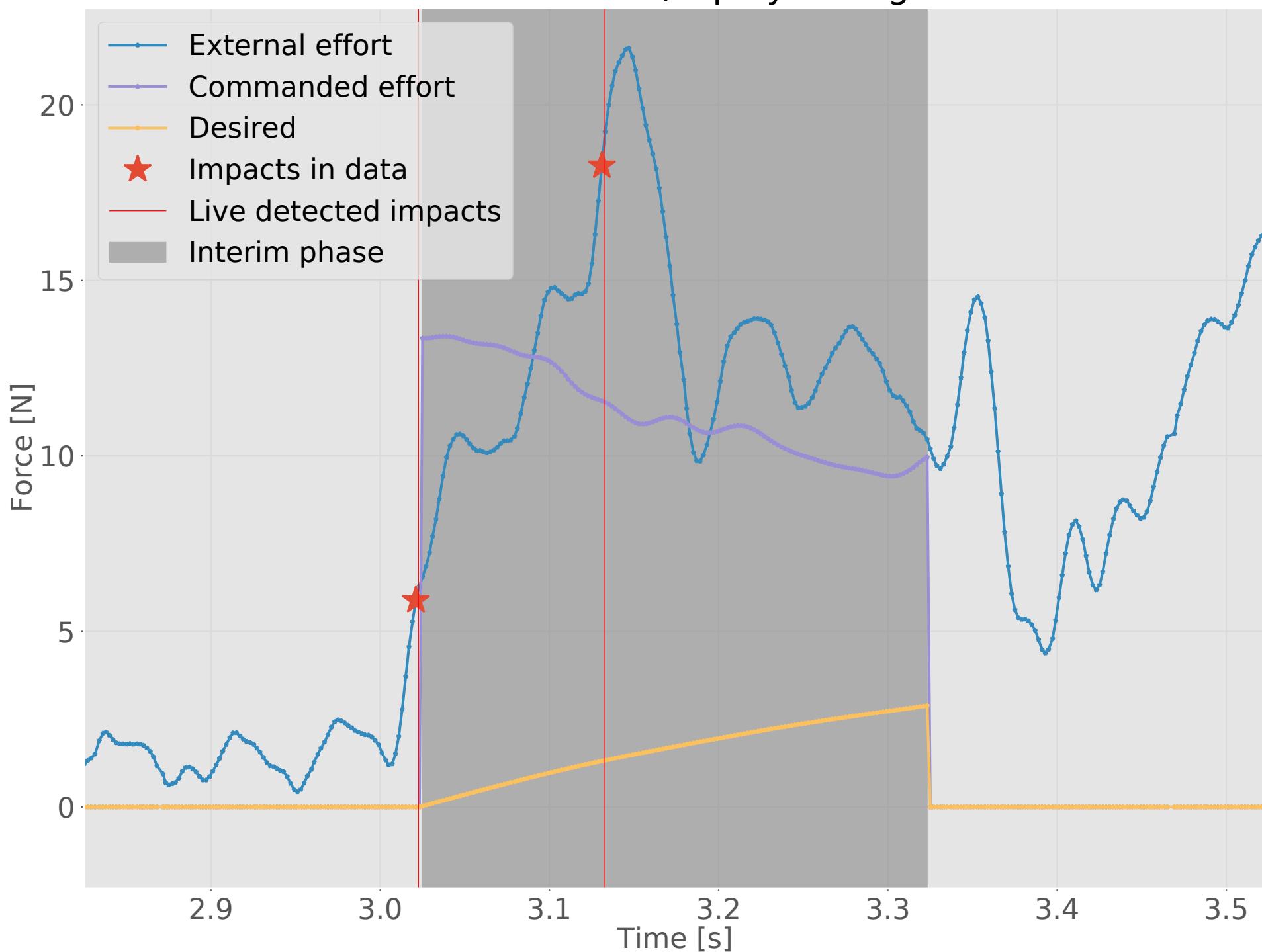
## Effort $\theta$ data/replay40.bag



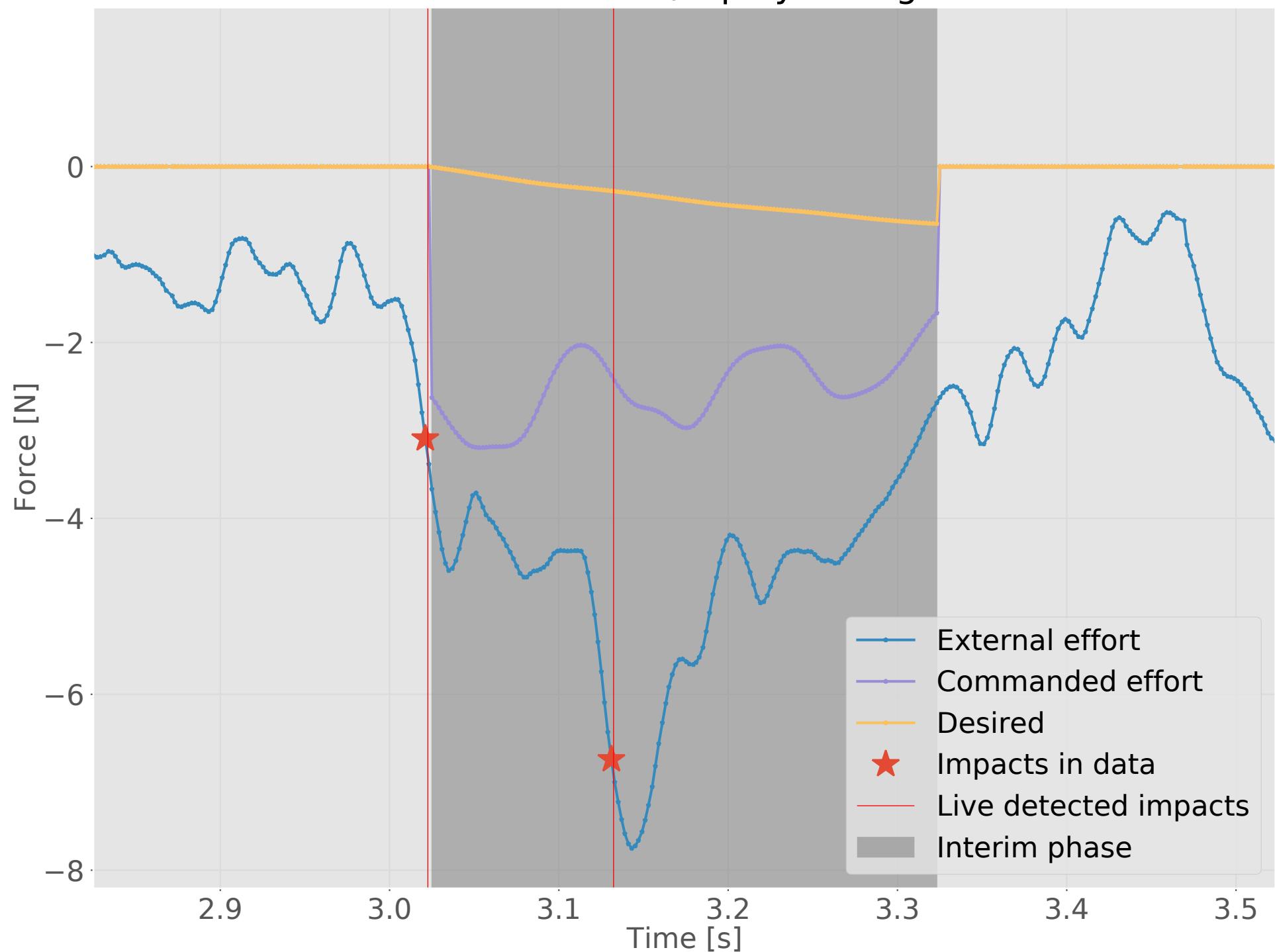
## Effort $\psi$ data/replay40.bag



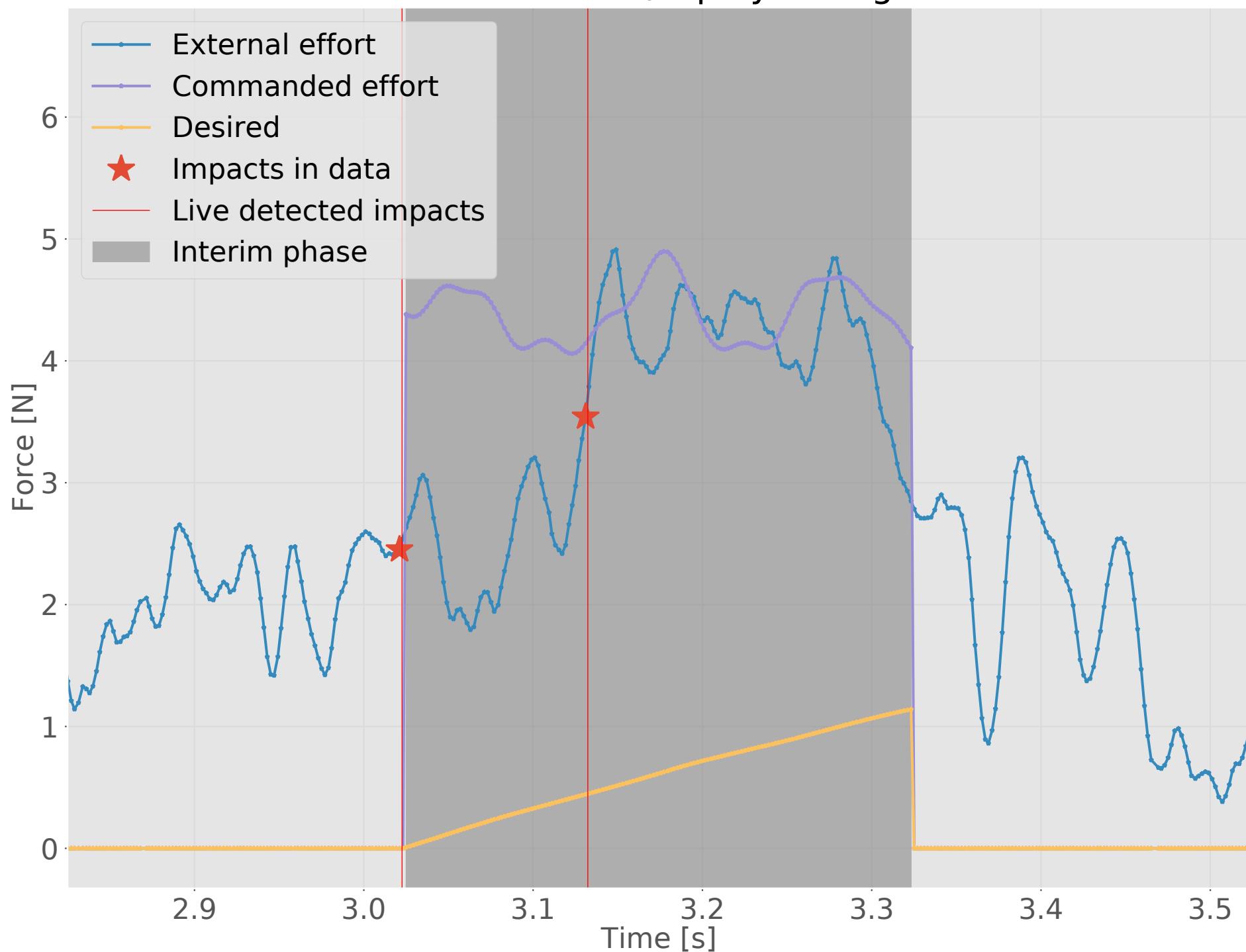
## Effort X data/replay41.bag



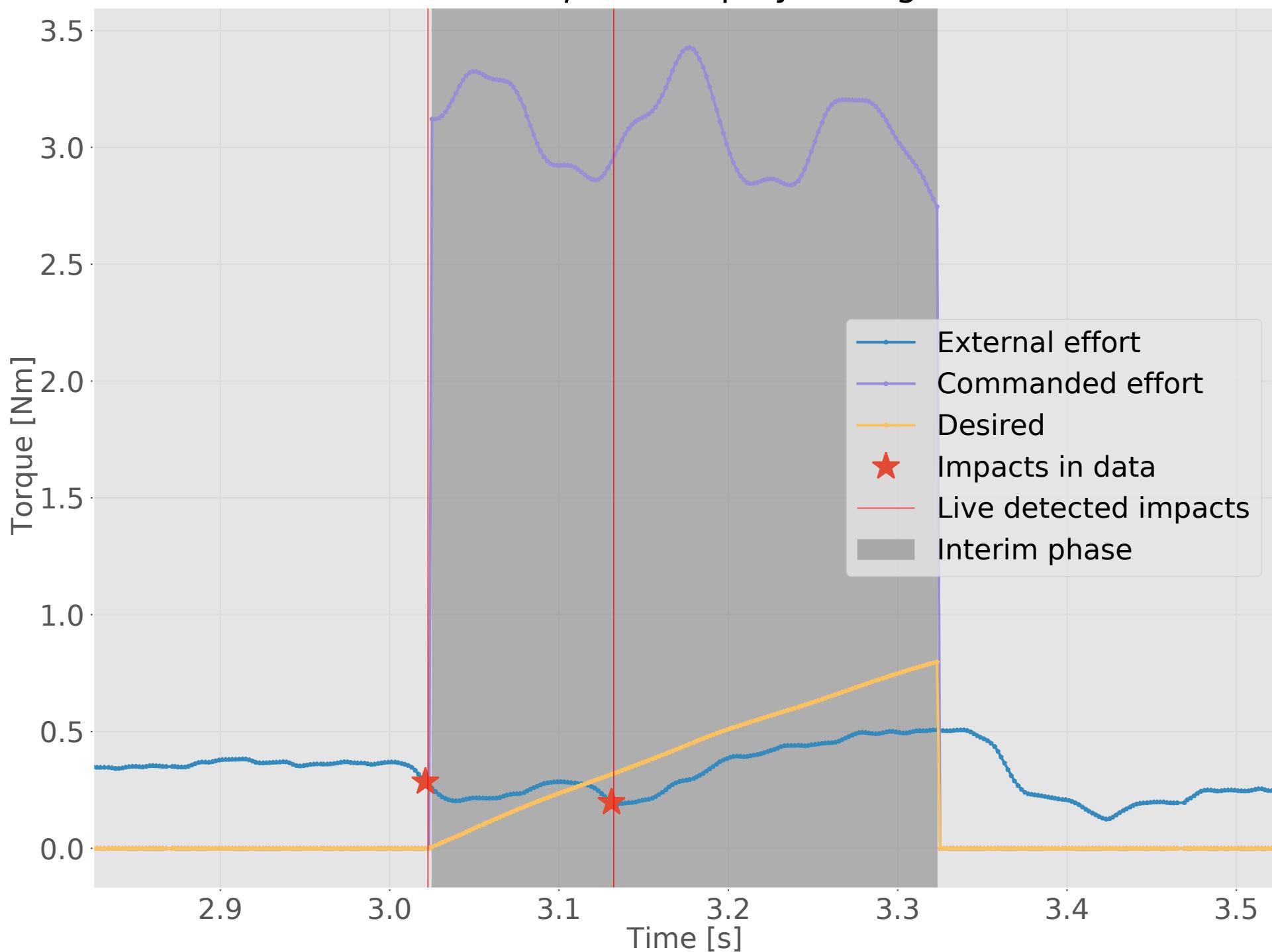
## Effort Y data/replay41.bag



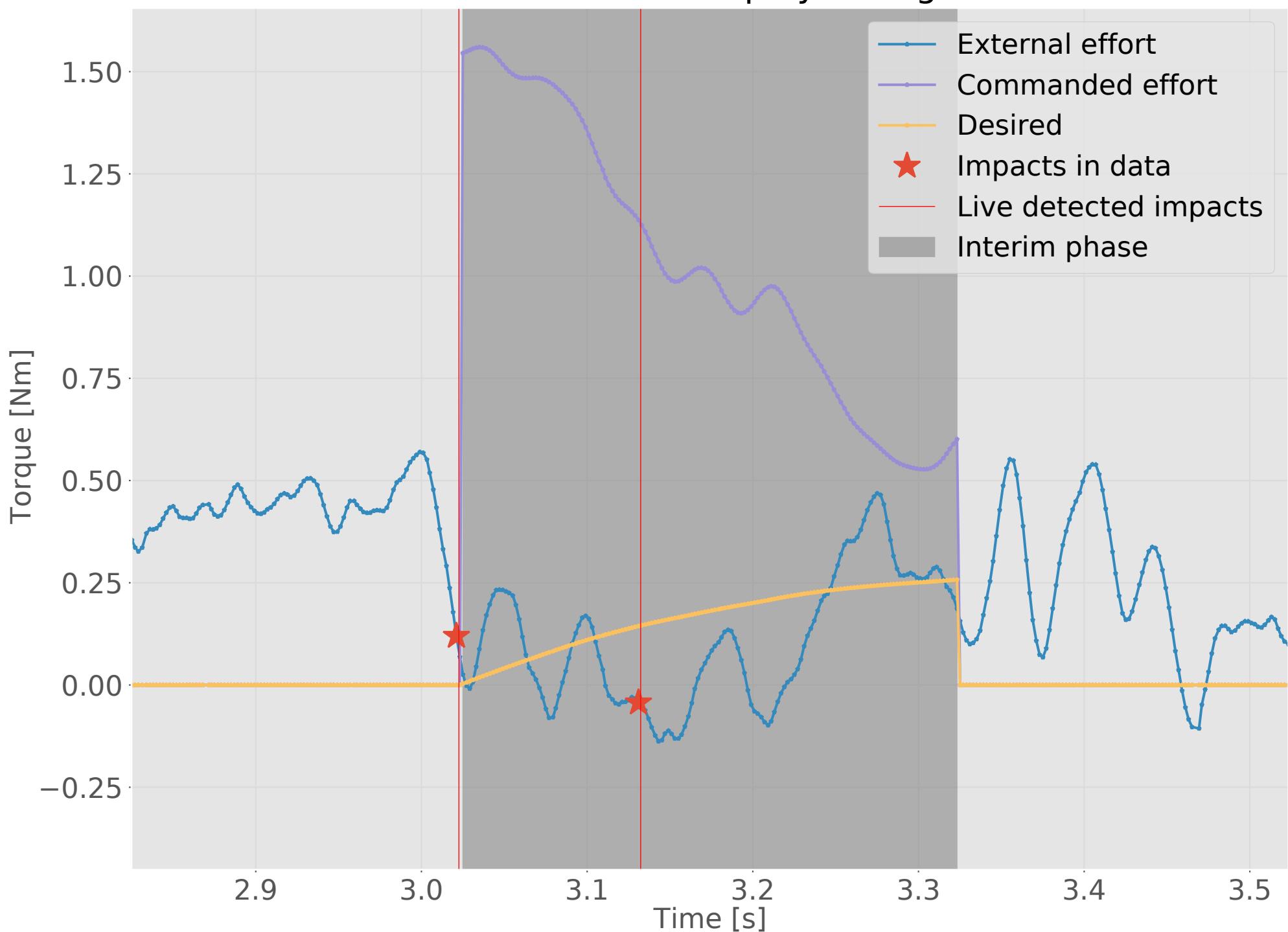
# Effort Z data/replay41.bag



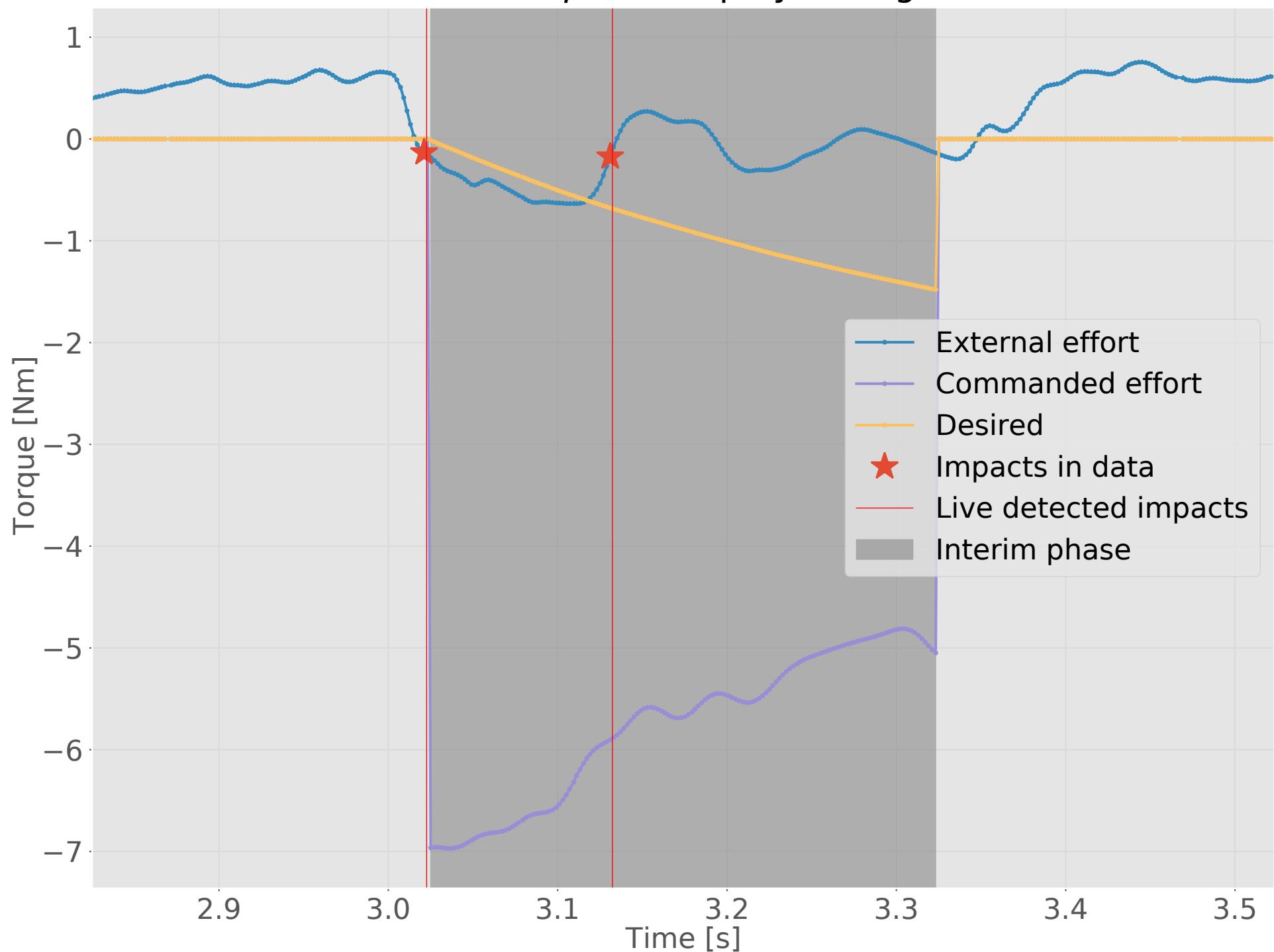
# Effort $\phi$ data/replay41.bag



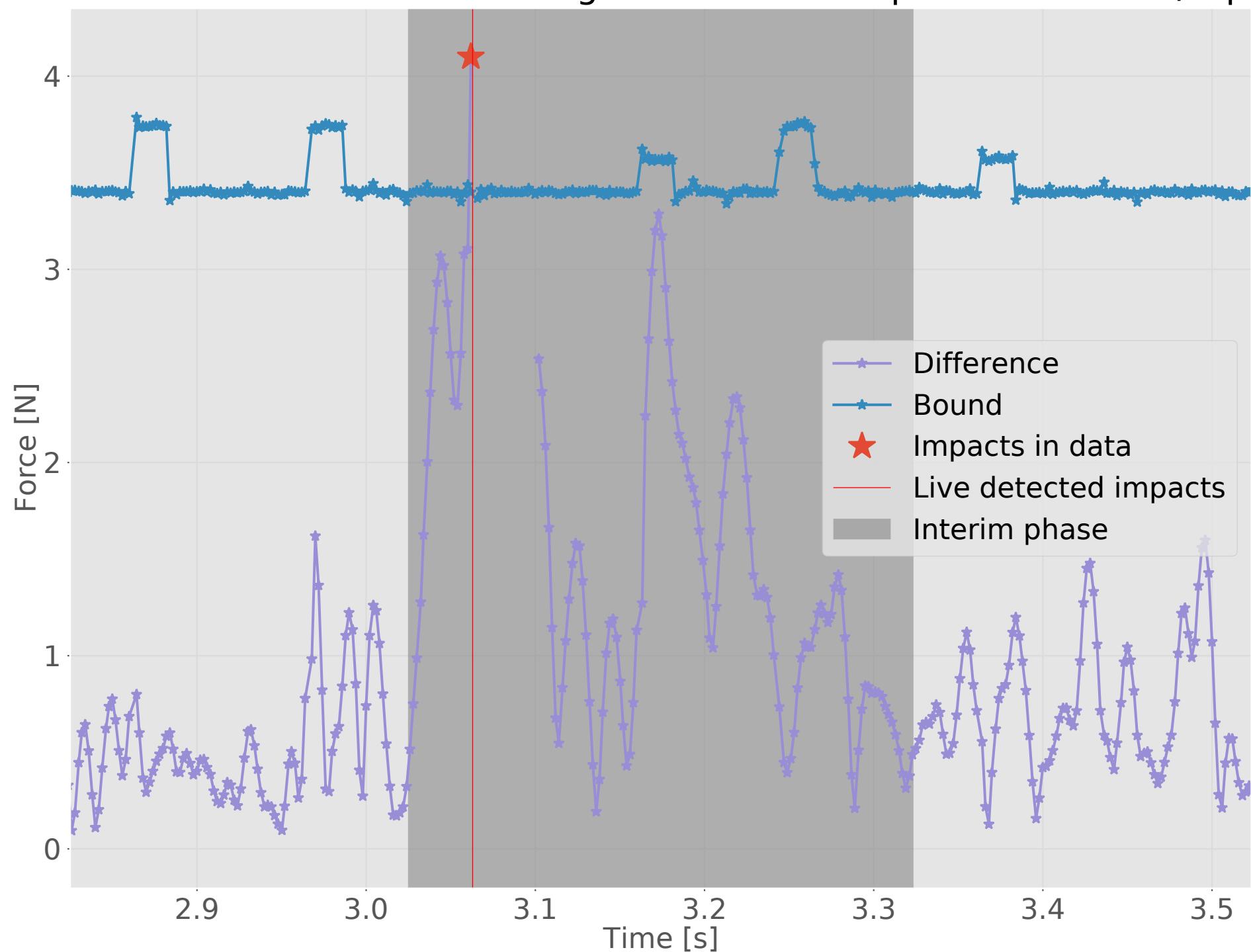
## Effort $\theta$ data/replay41.bag



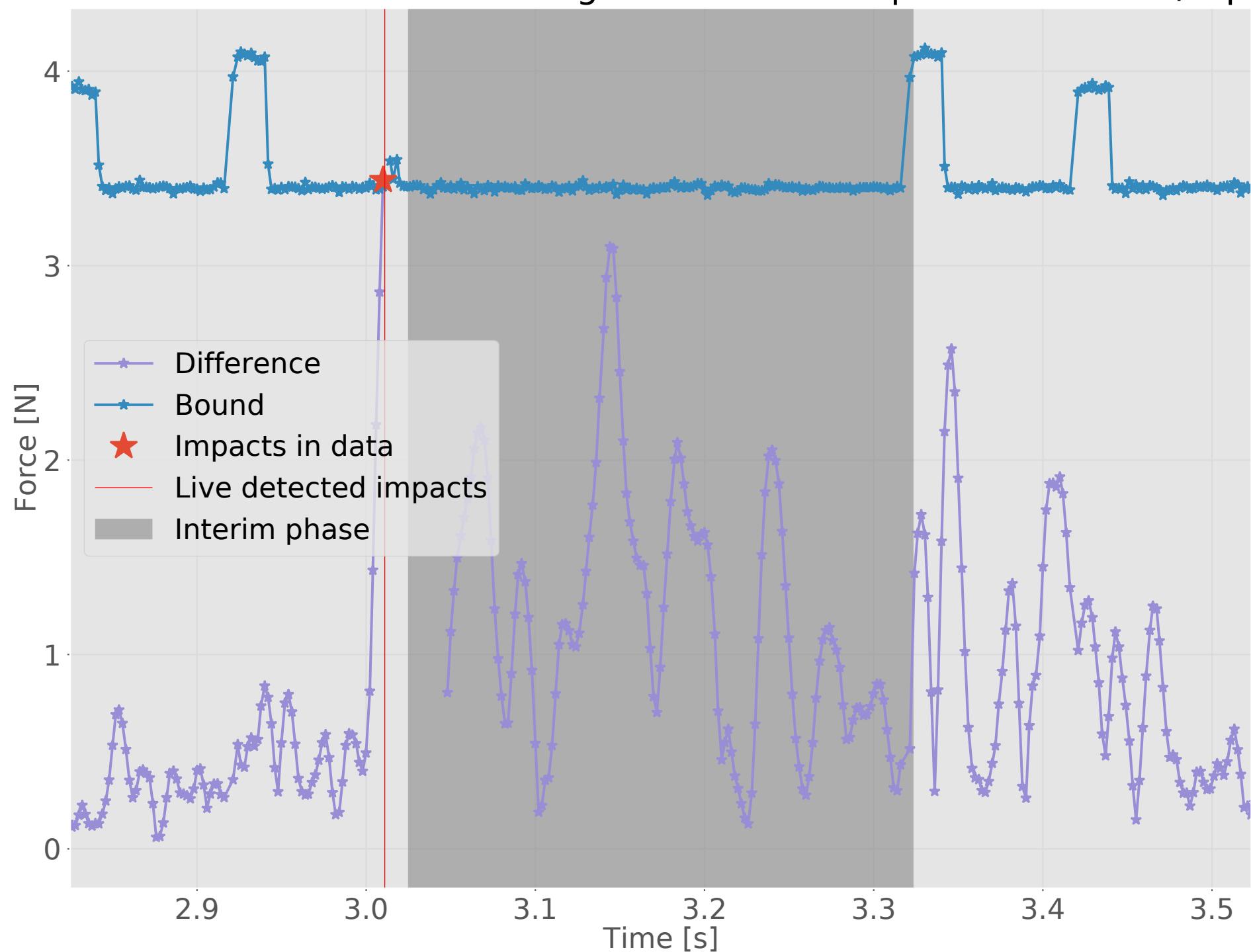
## Effort $\psi$ data/replay41.bag



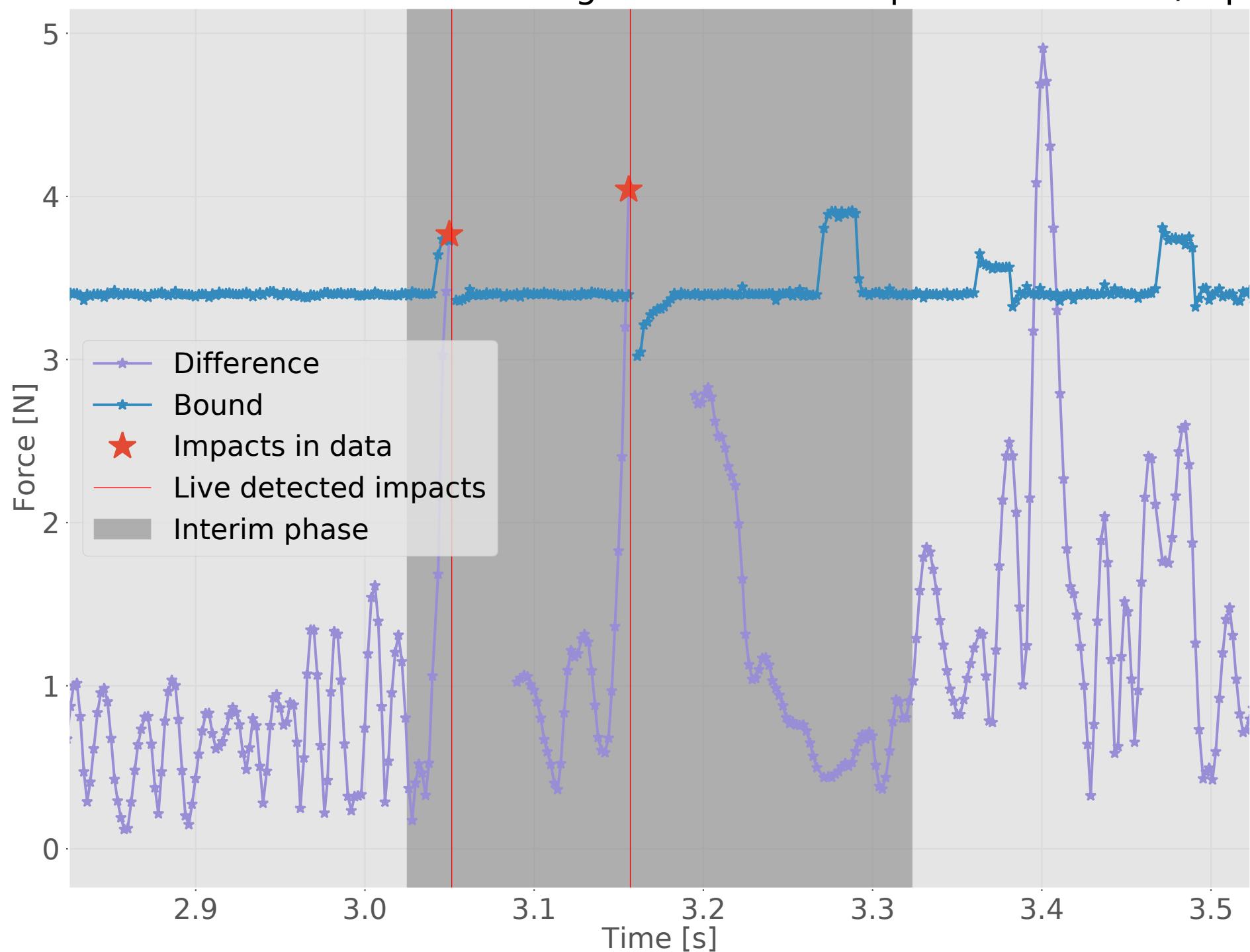
# Difference between external force magnitude data and predictions data/replay28.ba



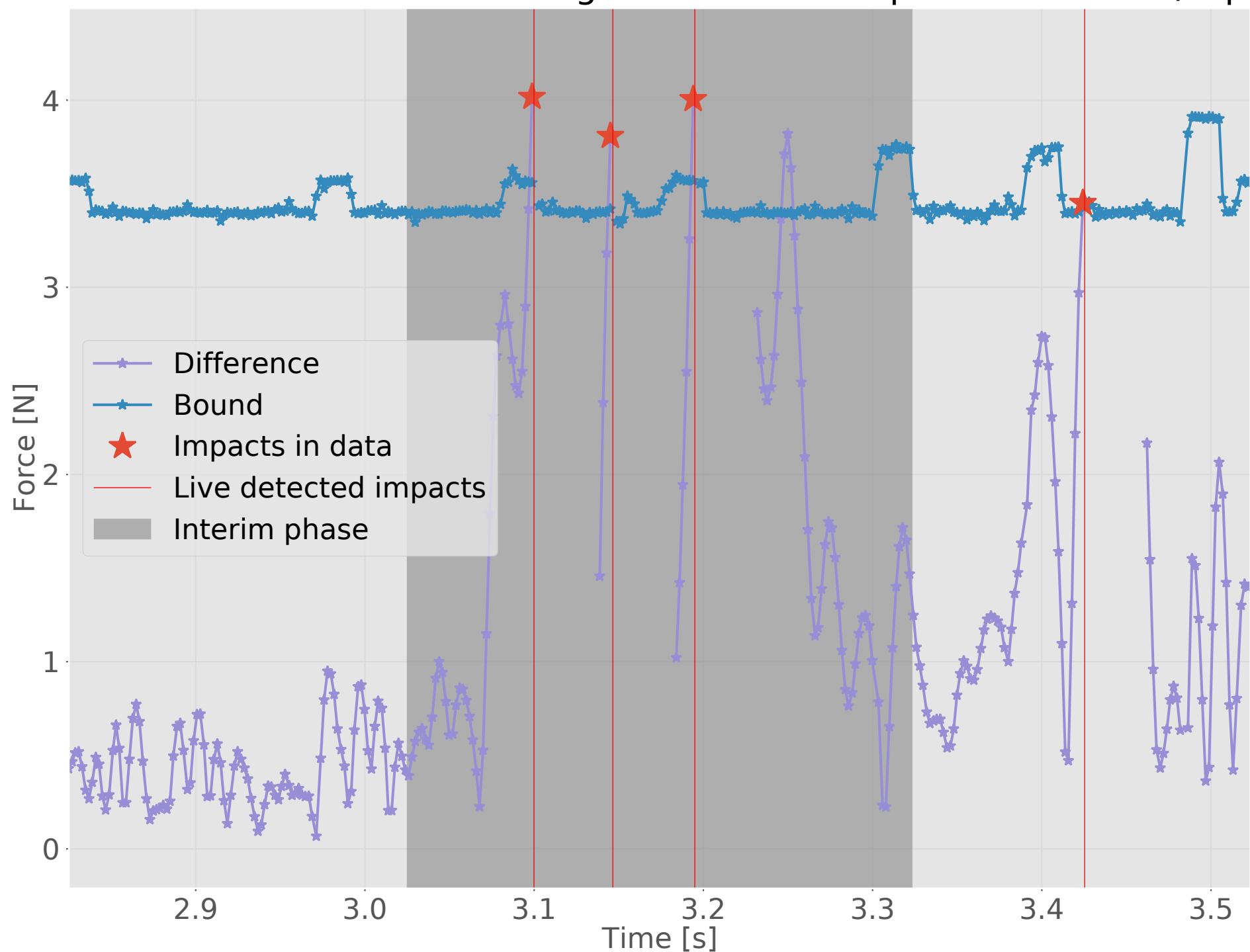
# Difference between external force magnitude data and predictions data/replay29.ba



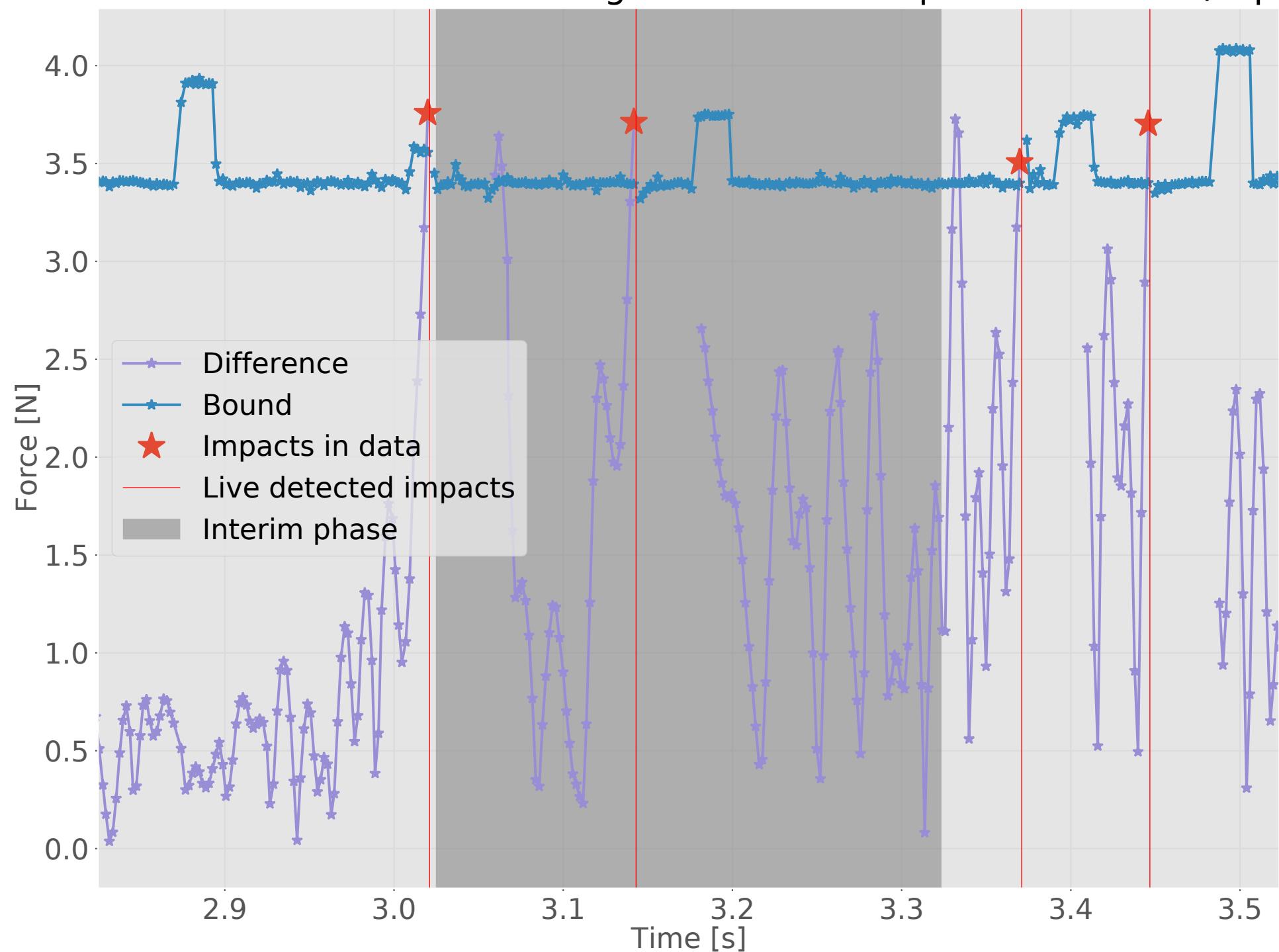
# Difference between external force magnitude data and predictions data/replay30.bac



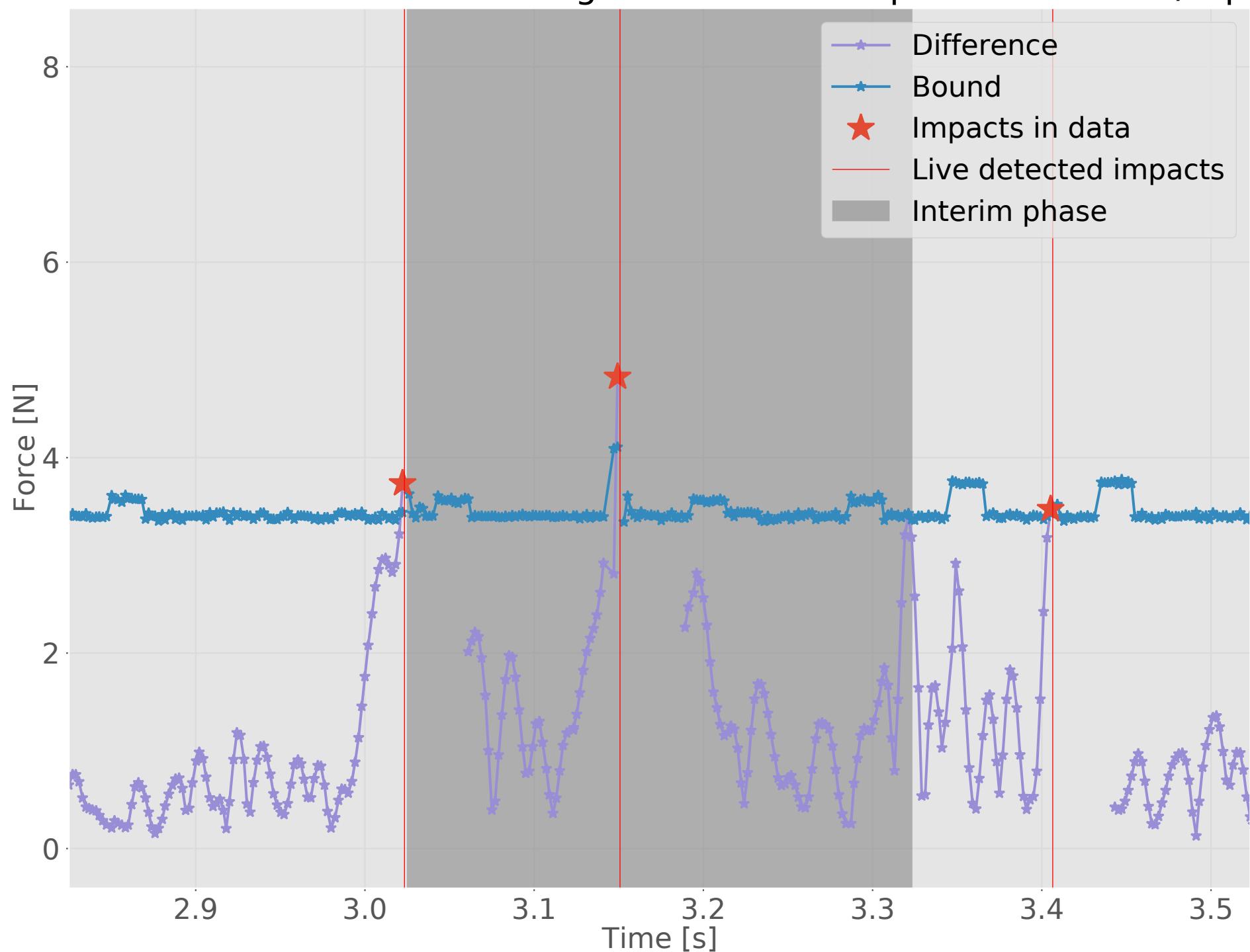
# Difference between external force magnitude data and predictions data/replay31.ba



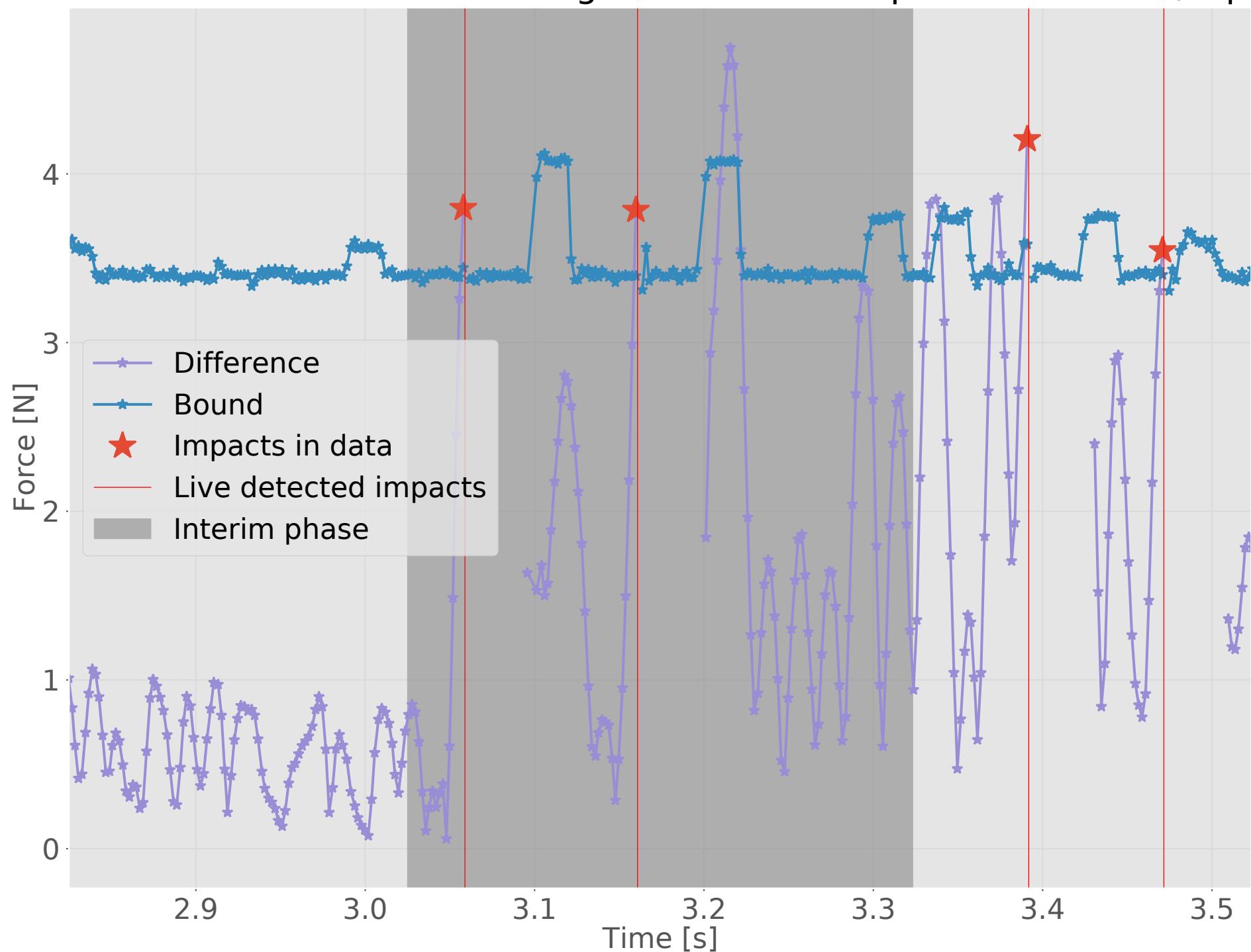
# Difference between external force magnitude data and predictions data/replay32.bac



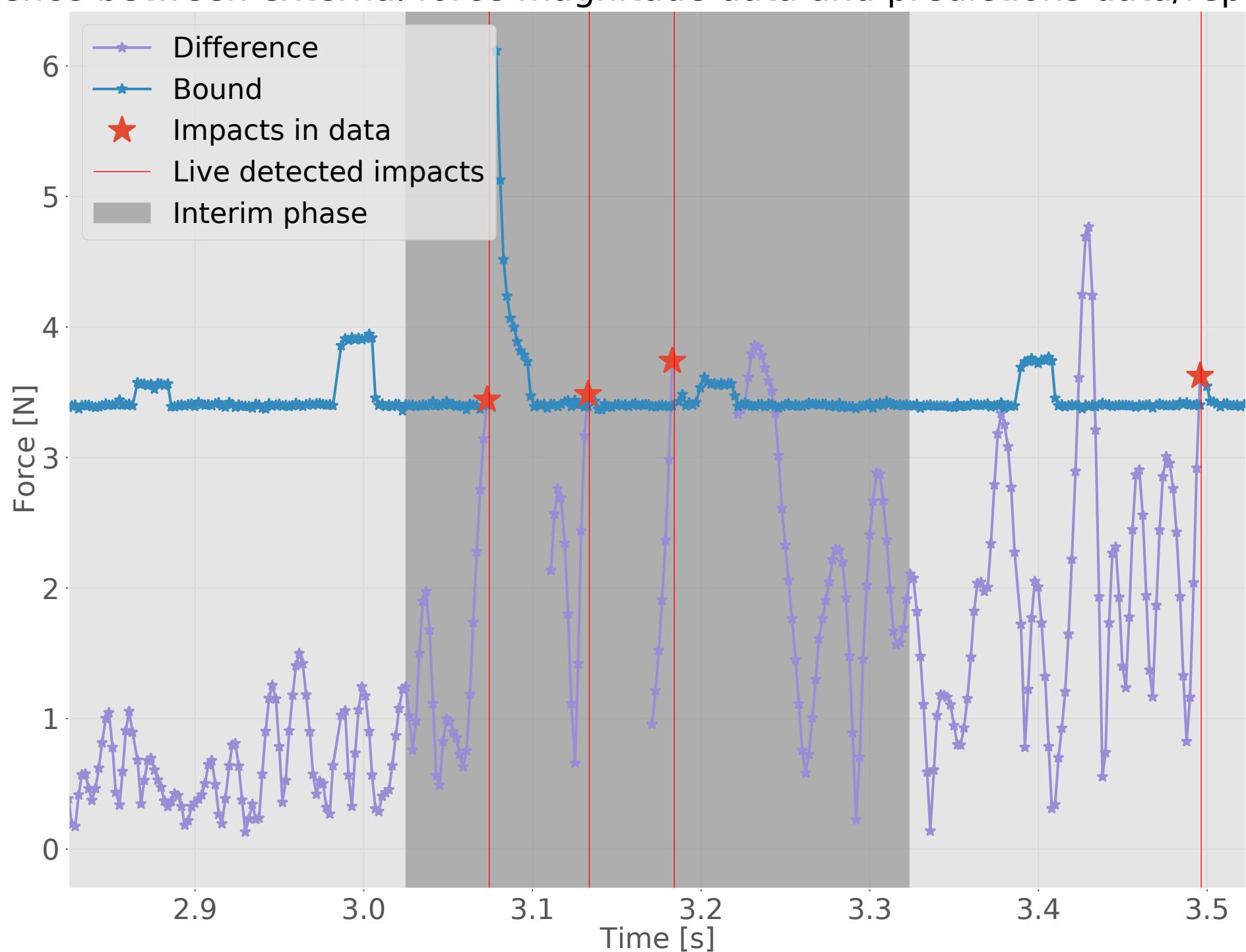
# Difference between external force magnitude data and predictions data/replay33.ba



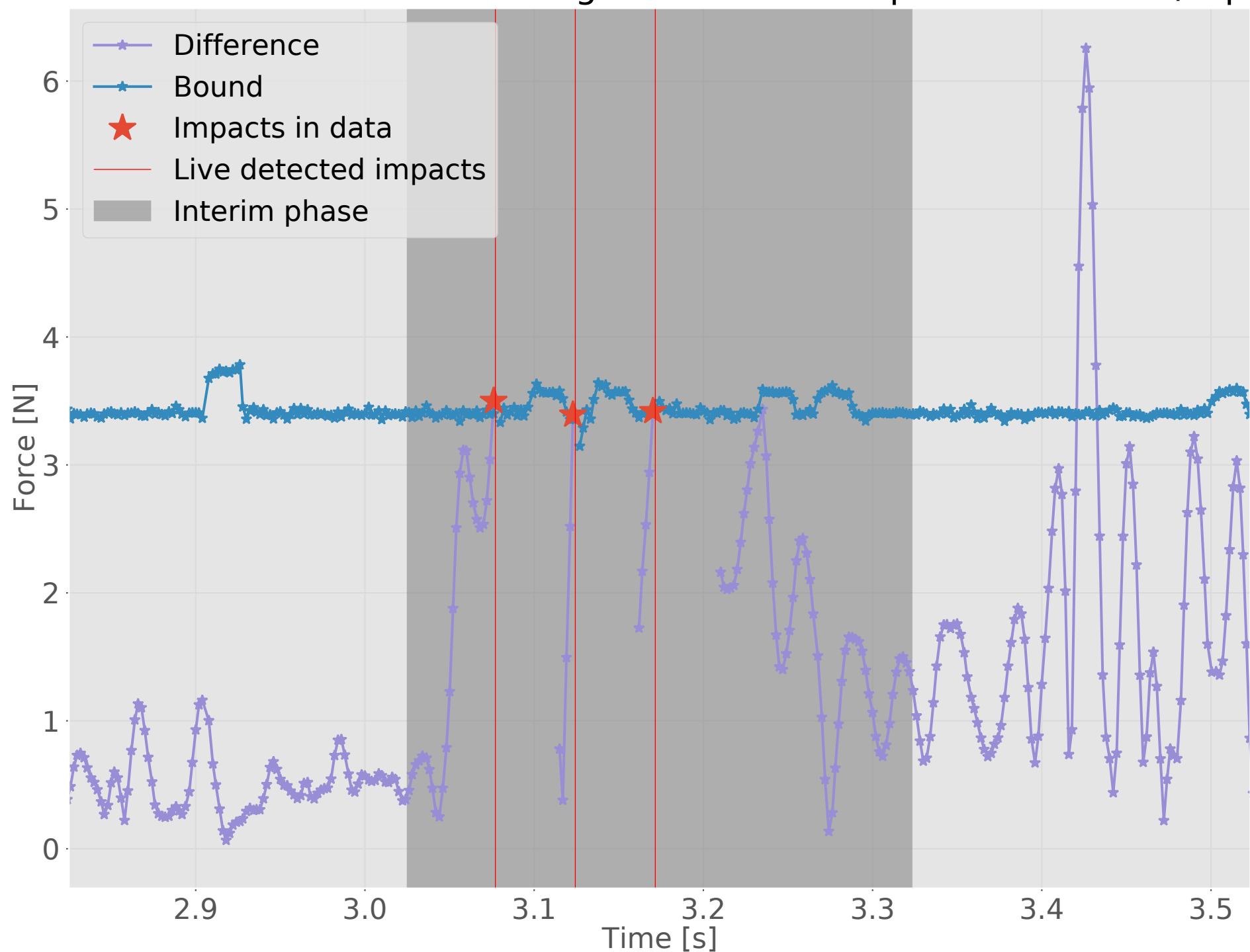
# Difference between external force magnitude data and predictions data/replay34.bac



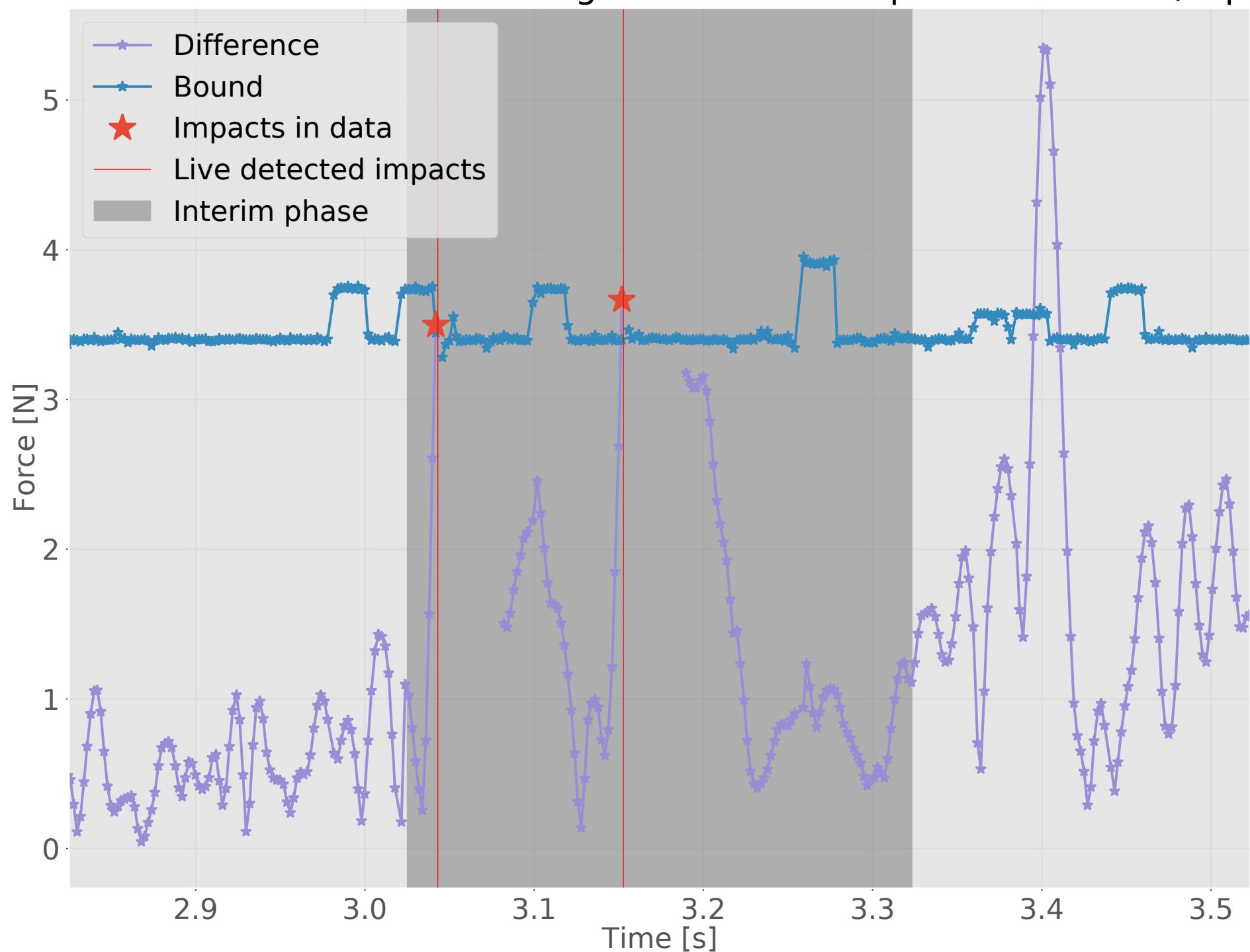
# Difference between external force magnitude data and predictions data/replay35.ba



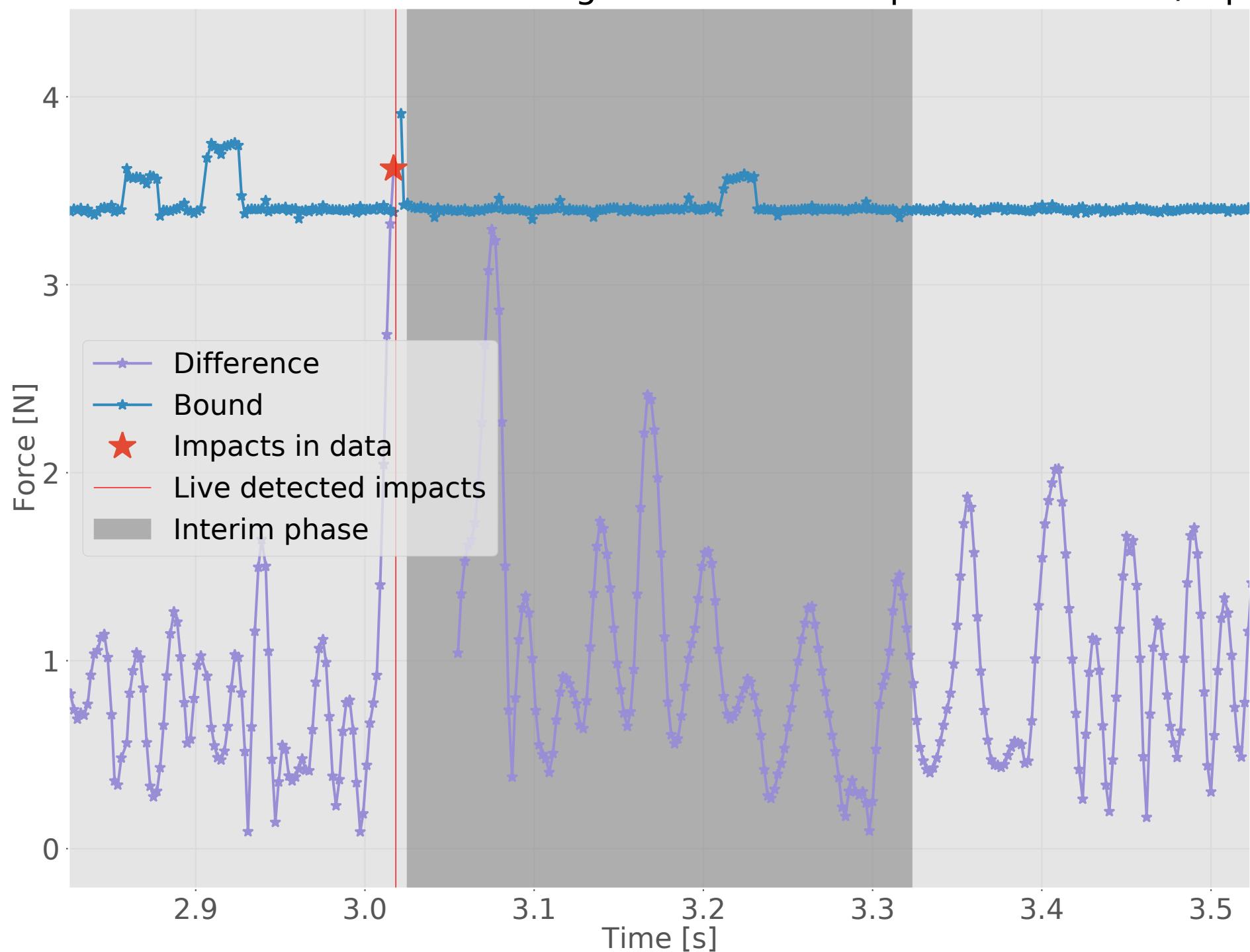
# Difference between external force magnitude data and predictions data/replay36.ba



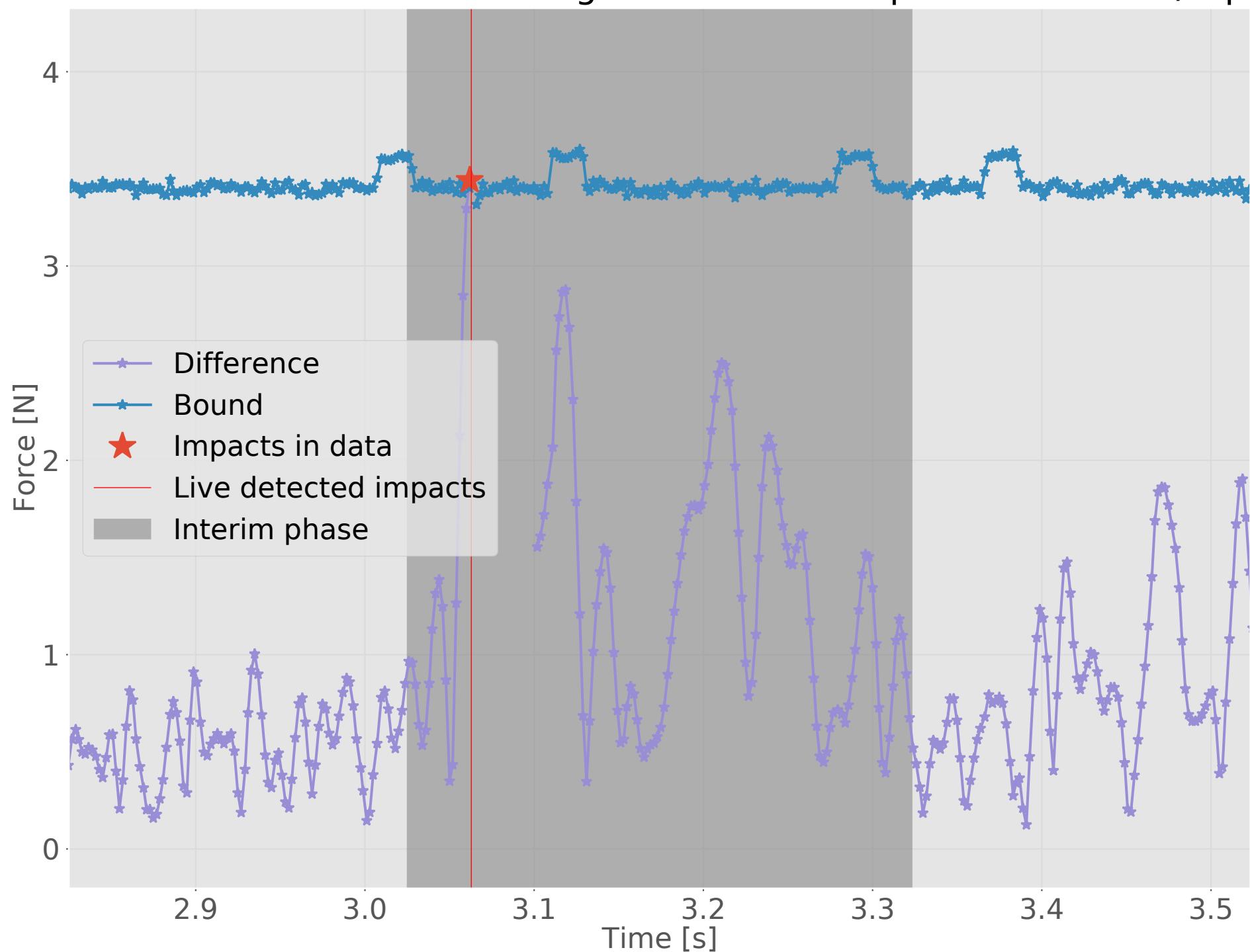
# Difference between external force magnitude data and predictions data/replay37.ba



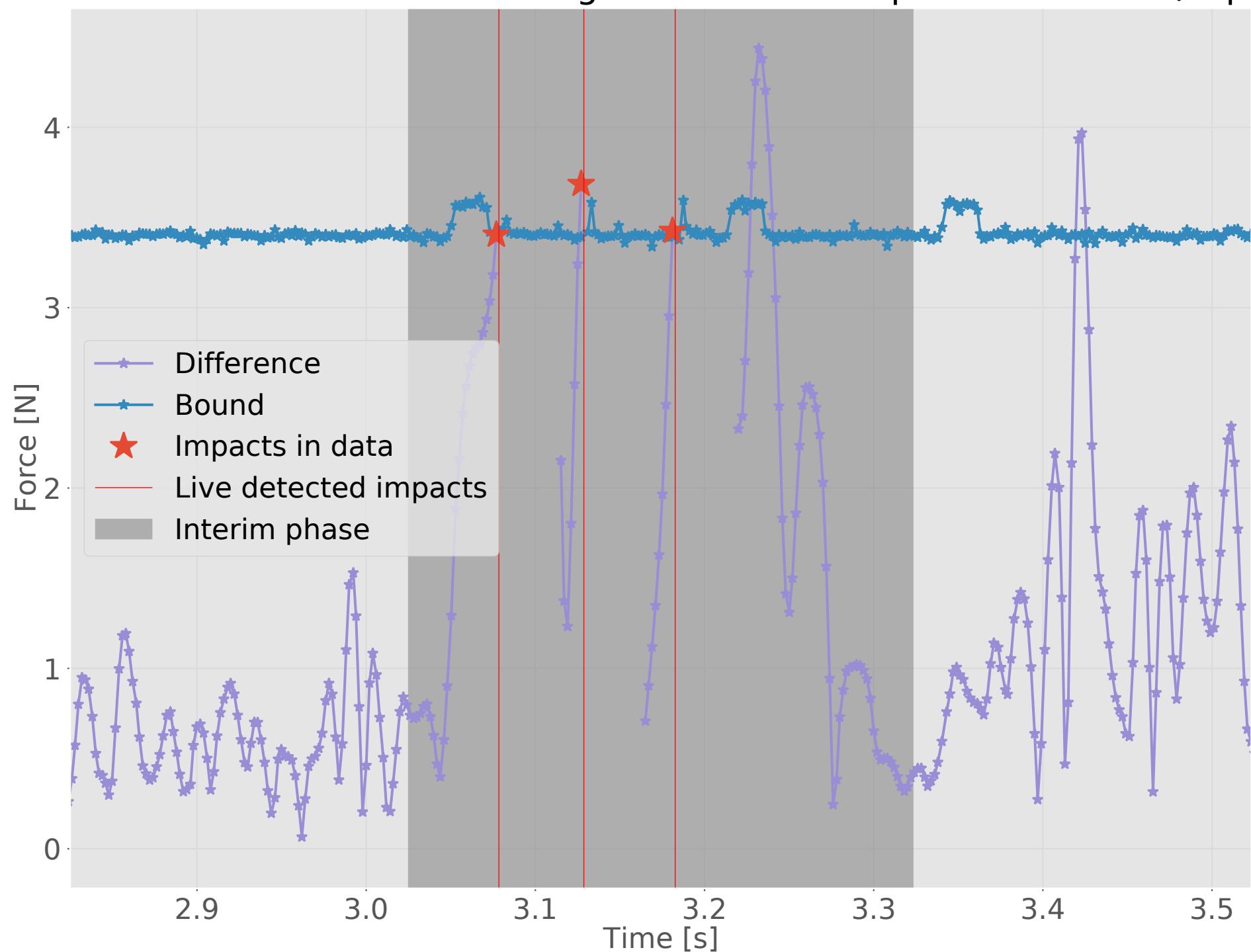
# Difference between external force magnitude data and predictions data/replay38.bac



# Difference between external force magnitude data and predictions data/replay39.ba



# Difference between external force magnitude data and predictions data/replay40.bac



# Difference between external force magnitude data and predictions data/replay41.bac

