

ESS (HZB/V20)

update

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Integration test at the V20 beam-line at HZB


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DMSC ECDC Goals

- Get detector (monitor) events
- Get chopper timestamps
- Write events and time stamps to file
- Create a time-of-flight plot
- Control the choppers using NICOS

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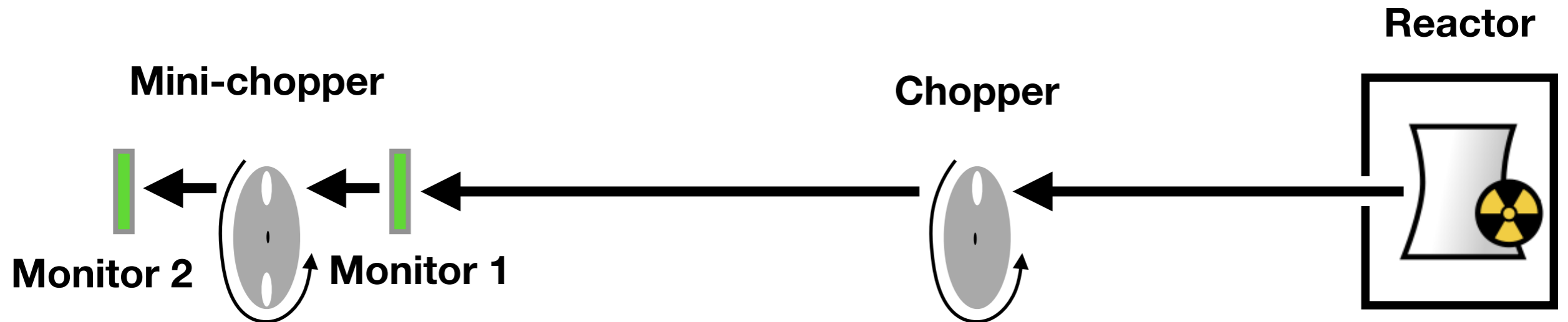
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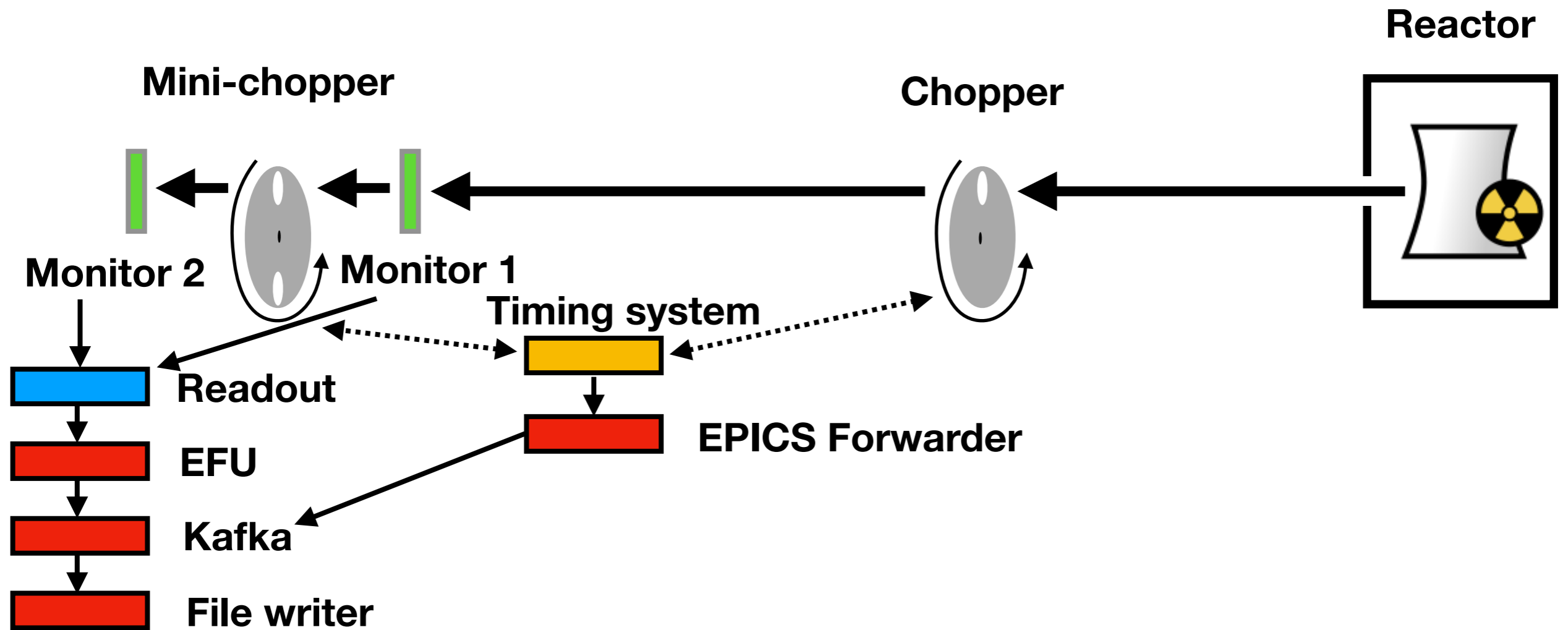
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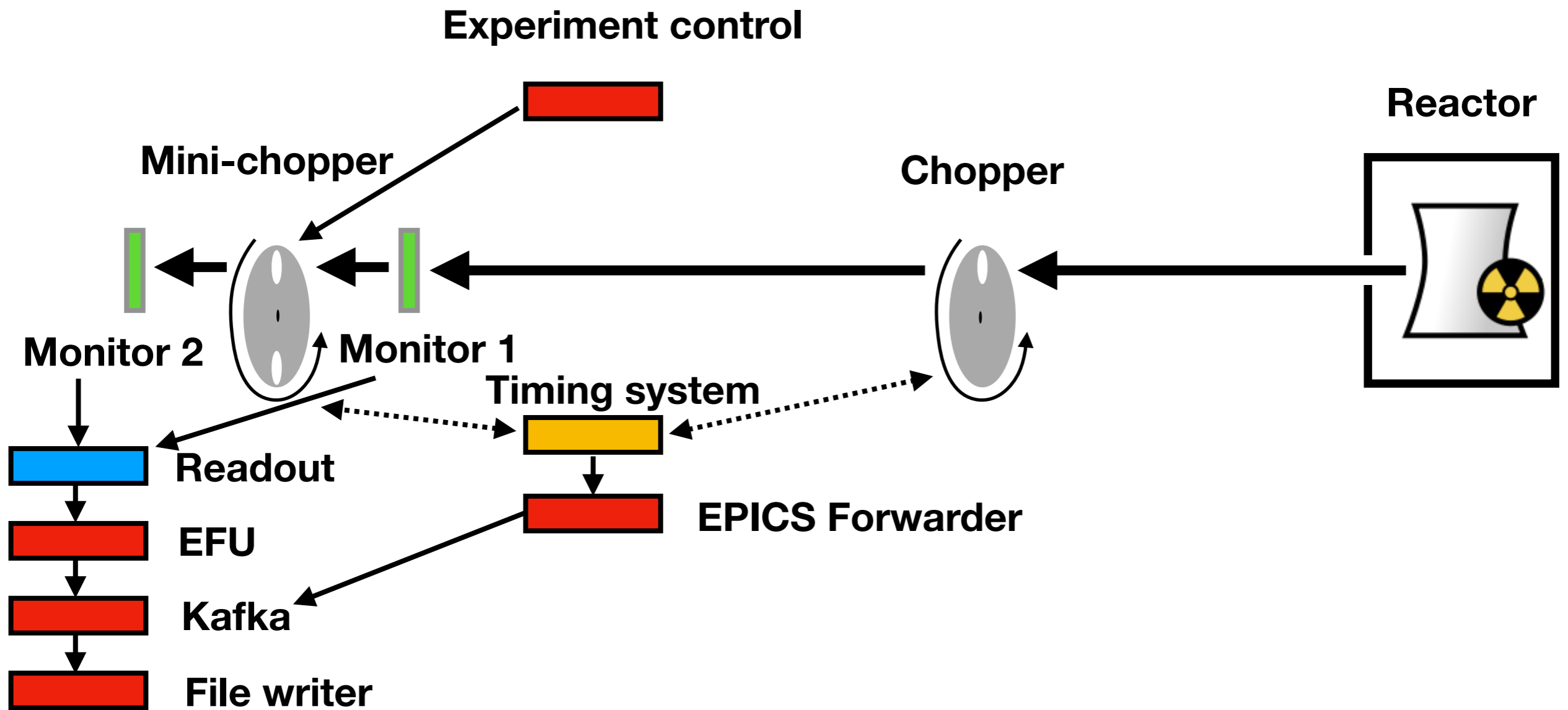
V20 beam-line at HZB



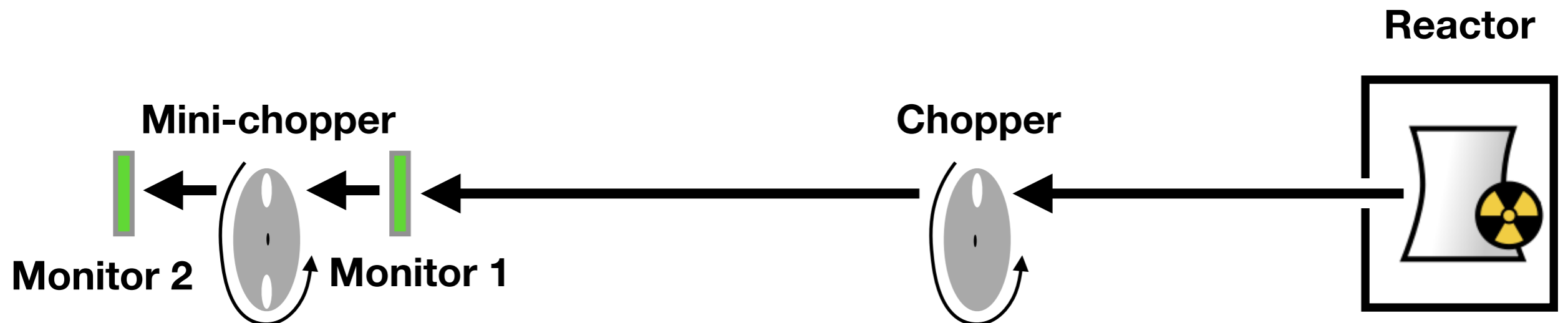
V20 beam-line at HZB



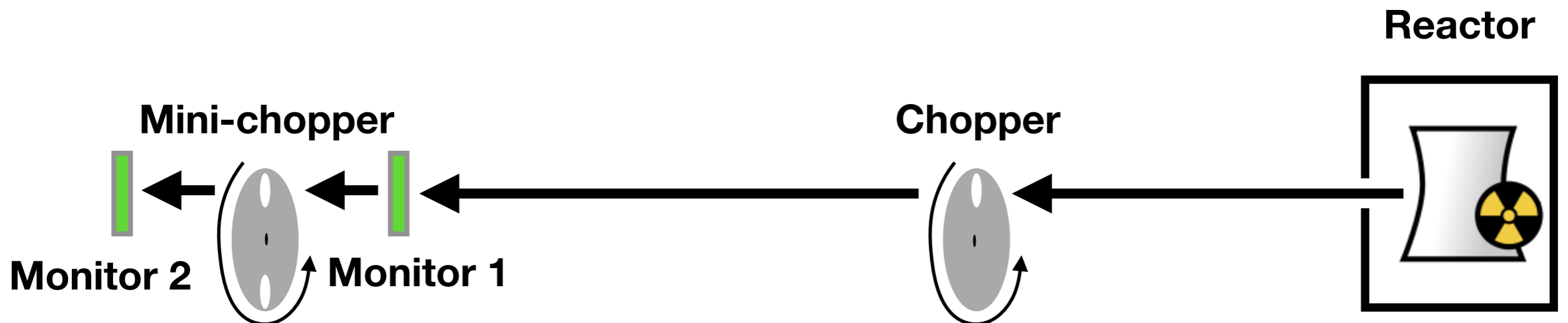
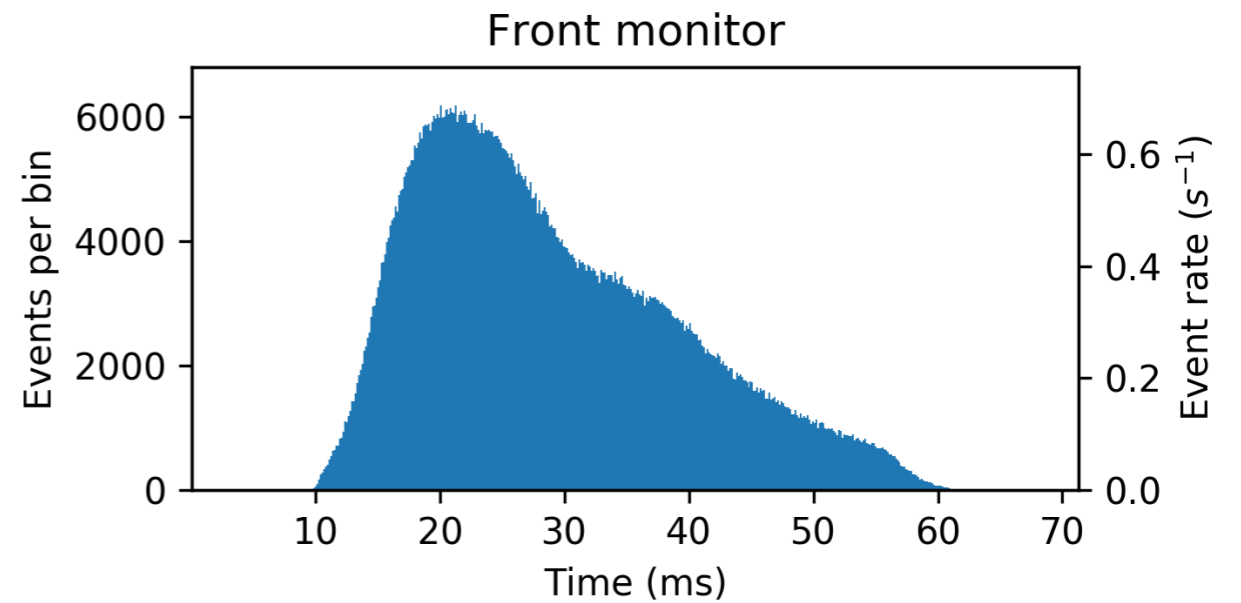
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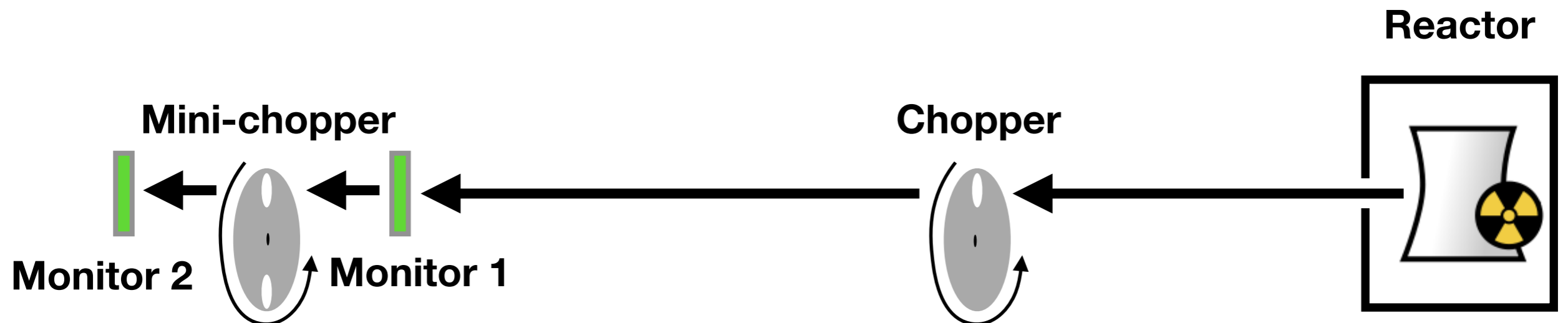
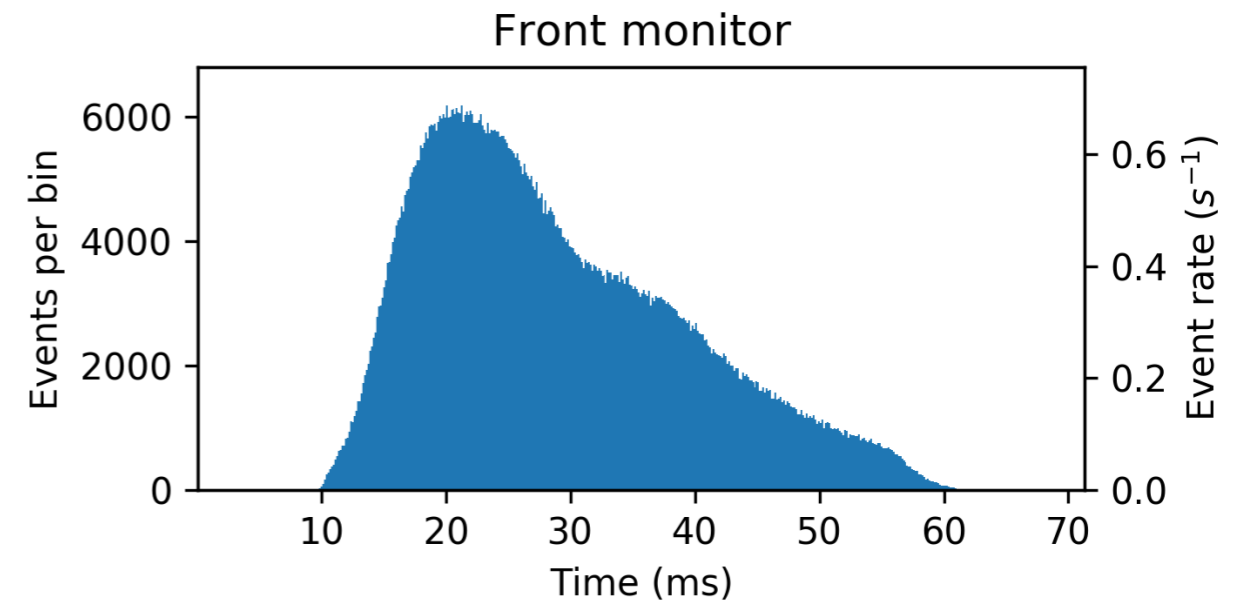
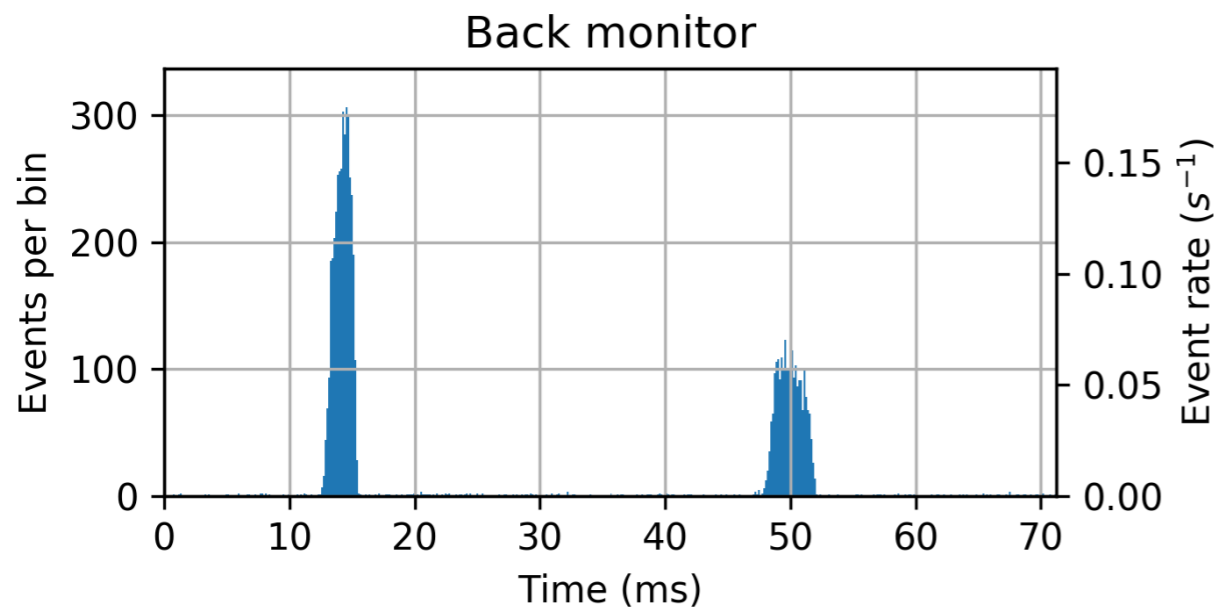
Measurement results



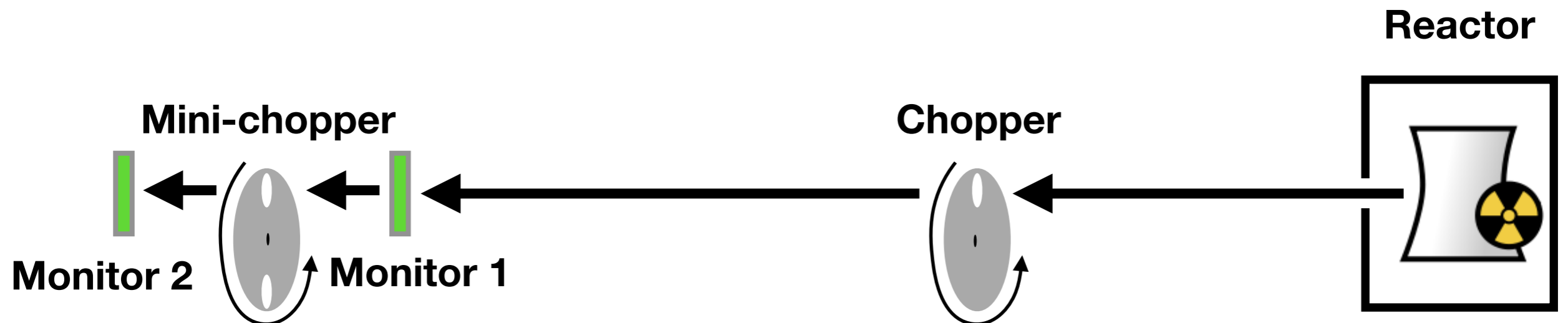
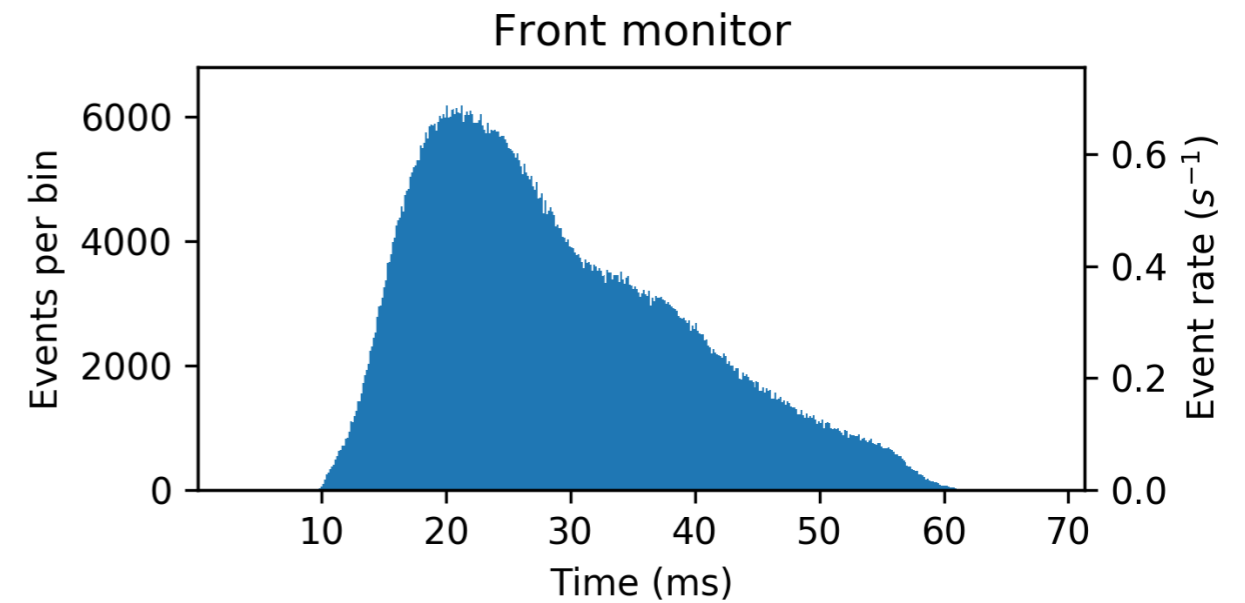
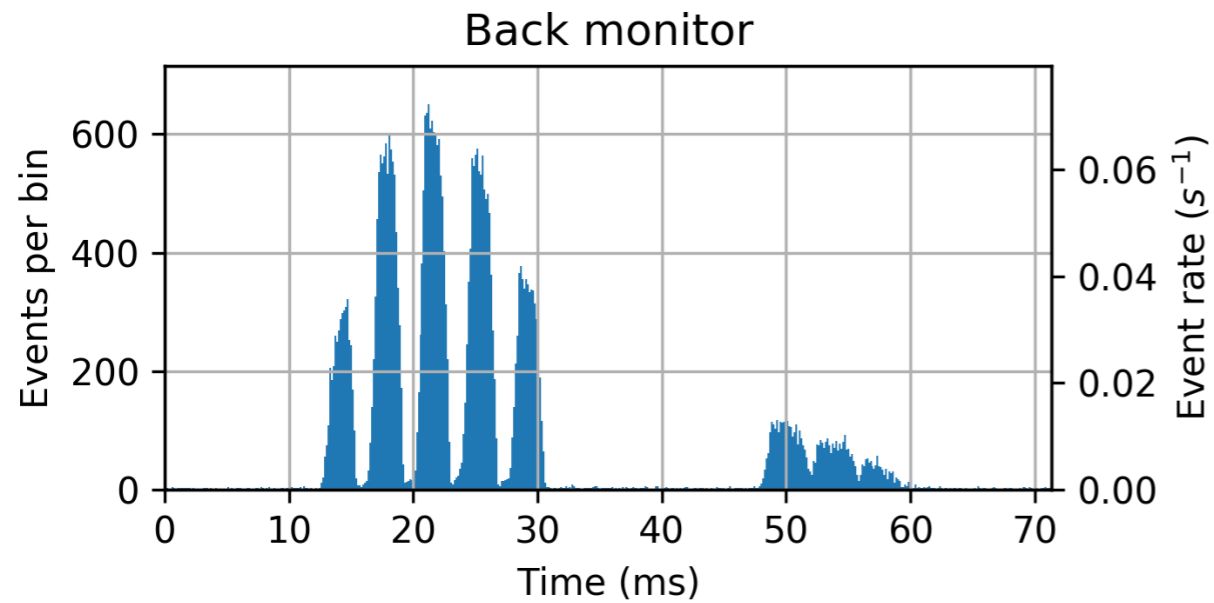
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What worked

- Most things for stretches of time that were long enough
- Surprisingly few software crashes
- Detectors and detector readout

What did not work

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- Detector and detector readout issues
- Minor chopper issues
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See JIRA for list of tickets

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<https://jira.esss.lu.se/issues/?jql=labels%20%3D%20V20>