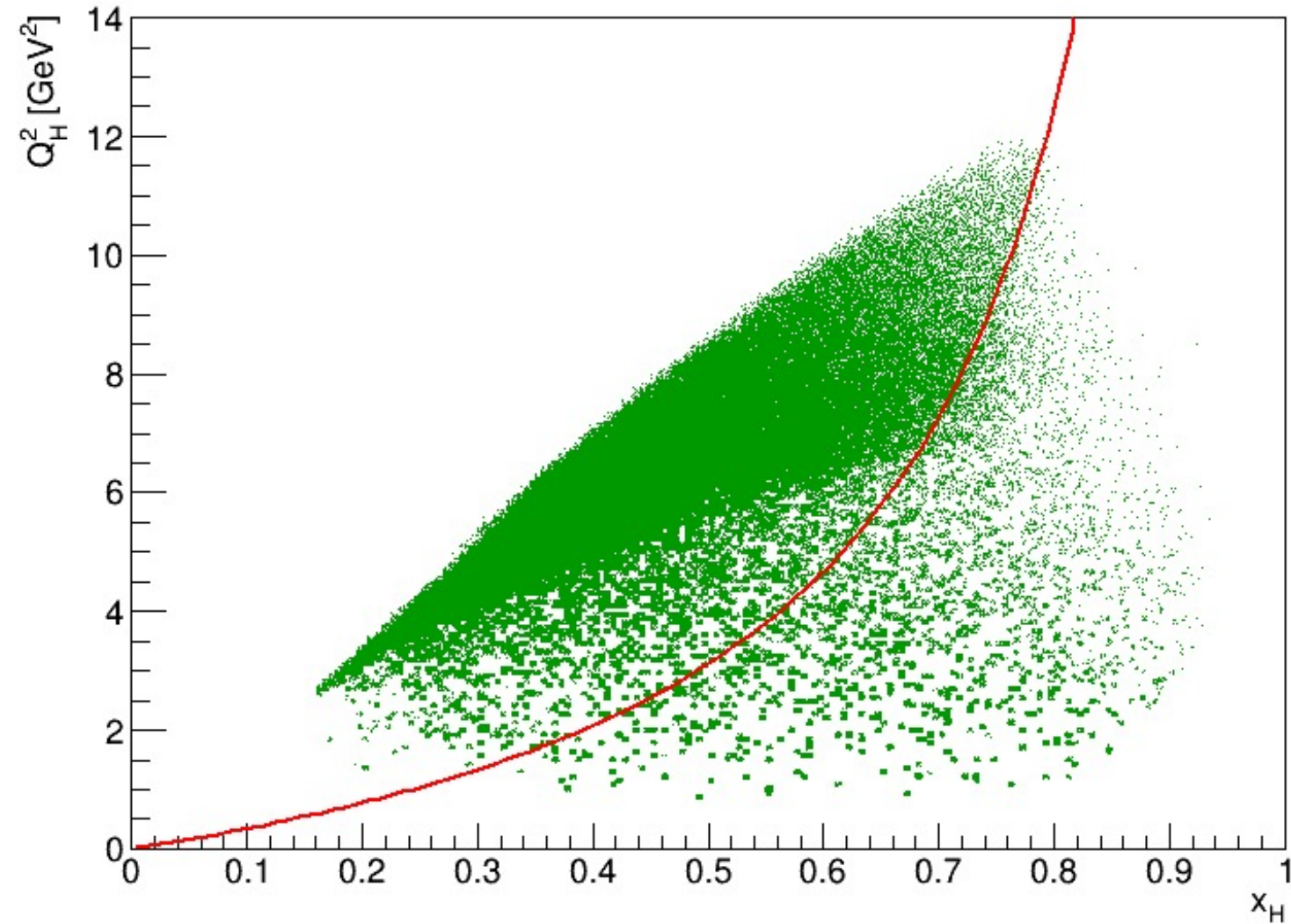


# Q2 vs x distribution for all accepted events

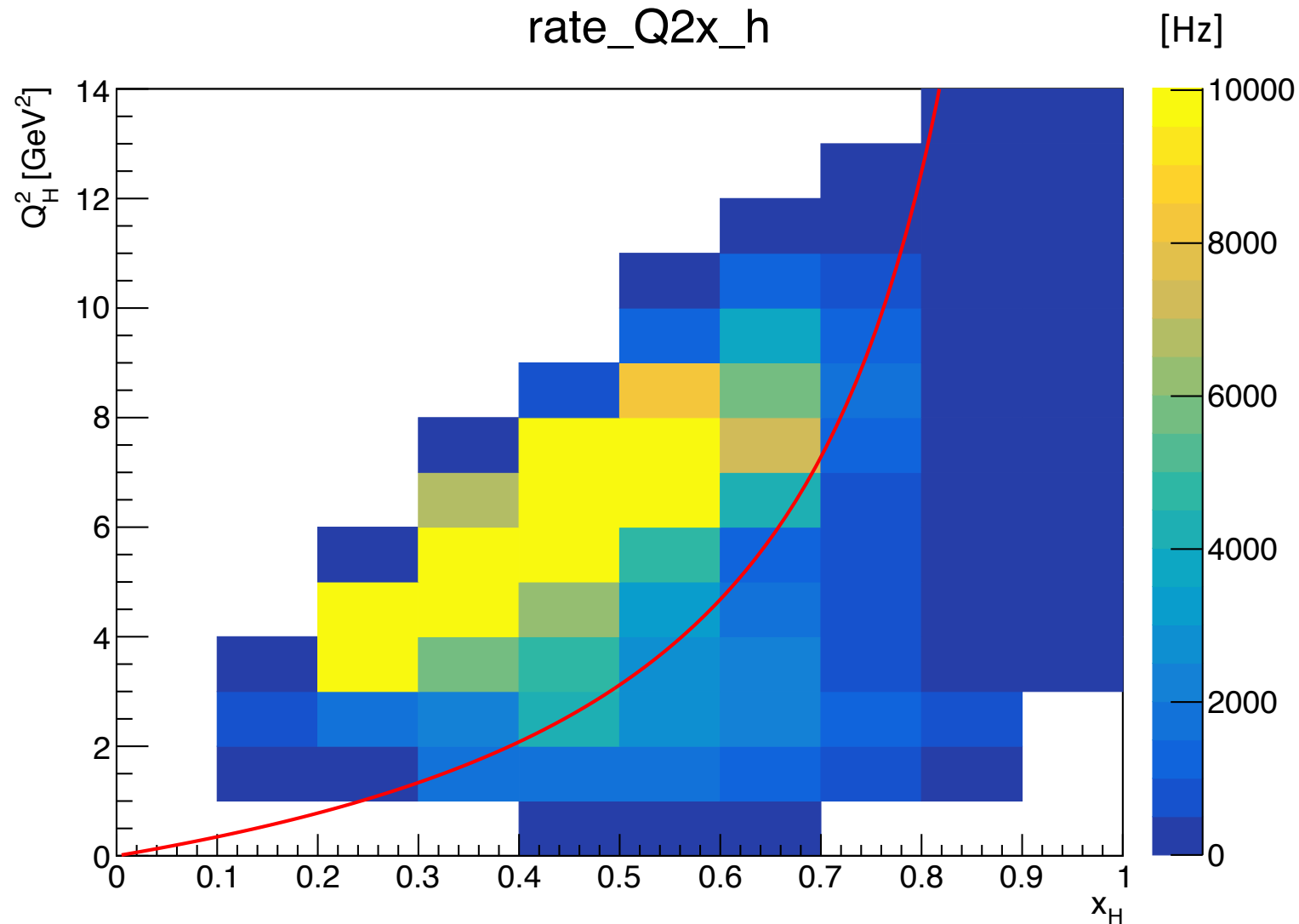
rate\_Q2x\_h

- Beam energy 11 GeV
- $W_L > 2.0$  GeV applied
- Trigger efficiency applied
- Red line corresponds to  $W = 2.0$  GeV



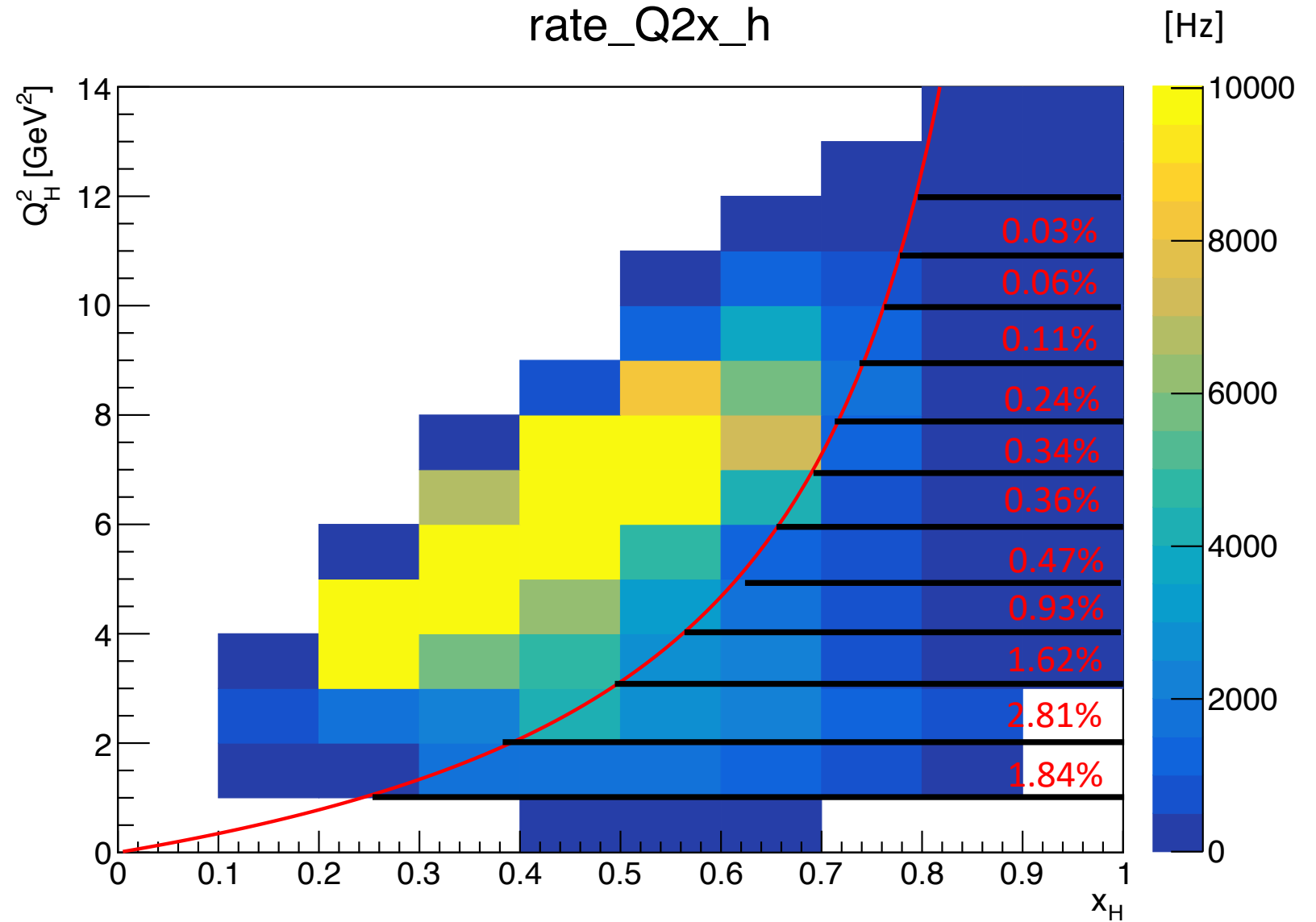
# Q<sup>2</sup> vs x distribution for all accepted events

- Beam energy 11 GeV
- $W_L > 2.0$  GeV applied
- Trigger efficiency applied
- Red line corresponds to  $W = 2.0$  GeV
- Z-axis shows the integrated rate for each bin:
  - Bin size: 1 GeV<sup>2</sup> for Q<sup>2</sup> and 0.1 for x



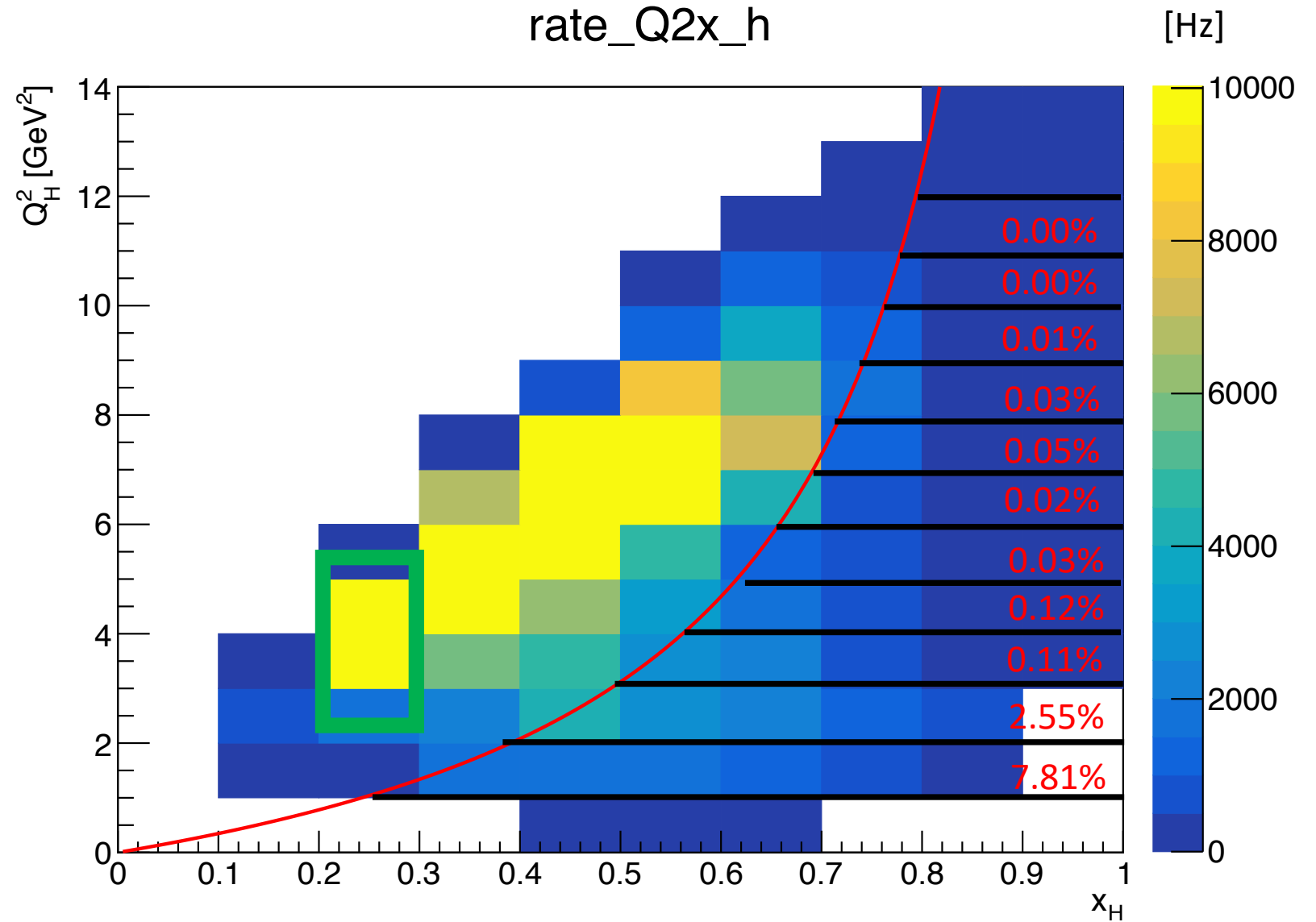
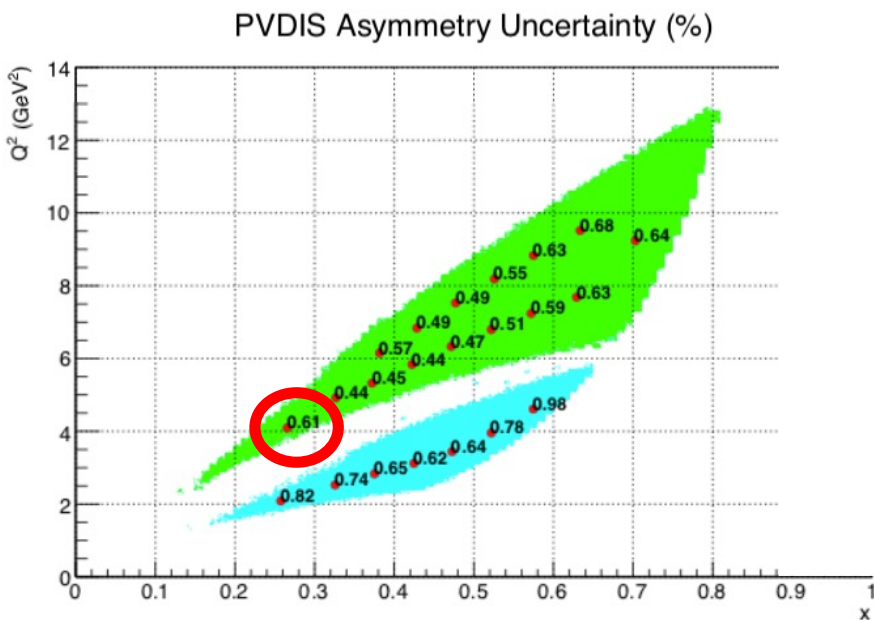
# Q2 vs x distribution for all accepted events

- Red numbers show the ratio between resonance events (events from the right hand side of the red curve) over all the accepted events



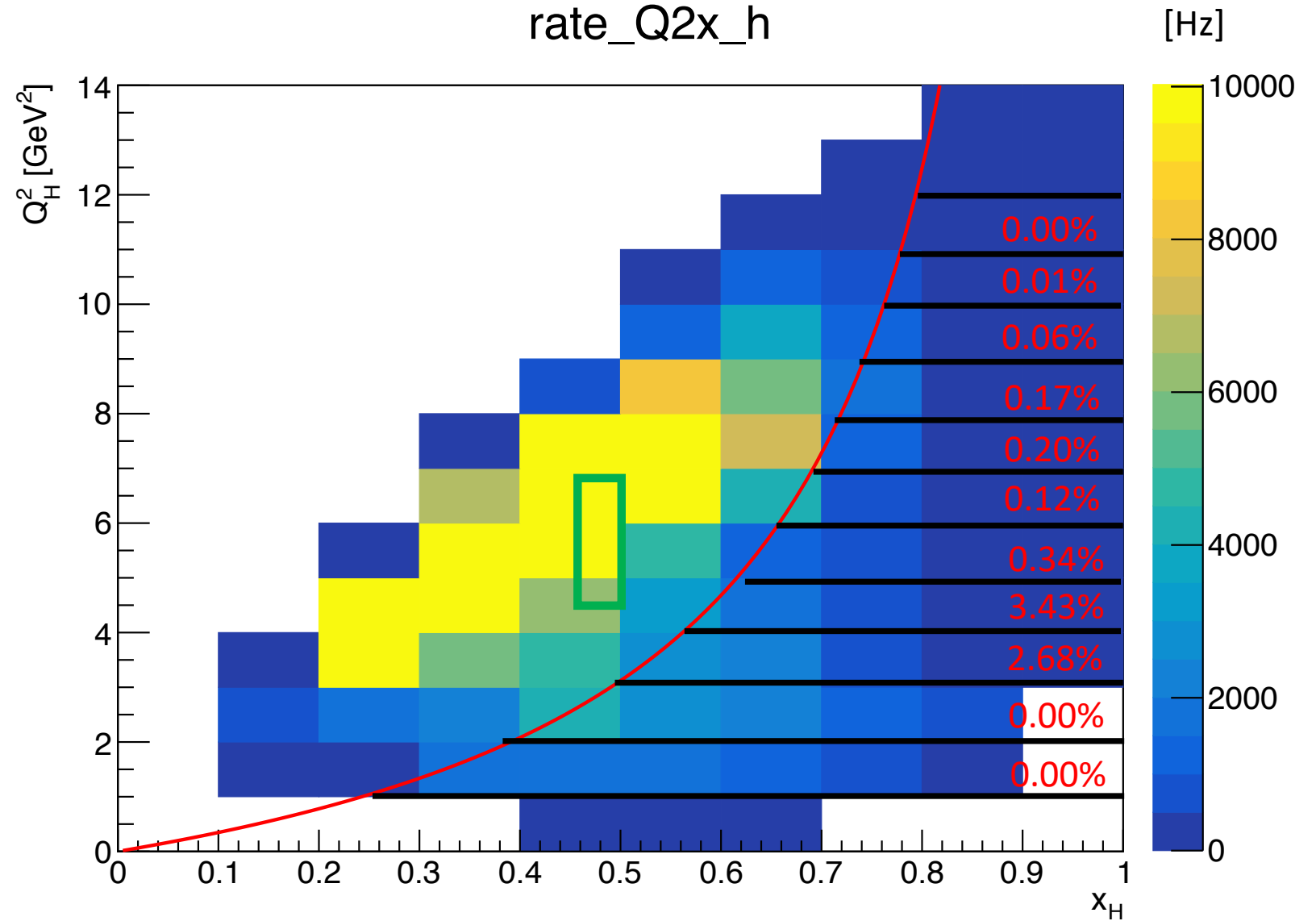
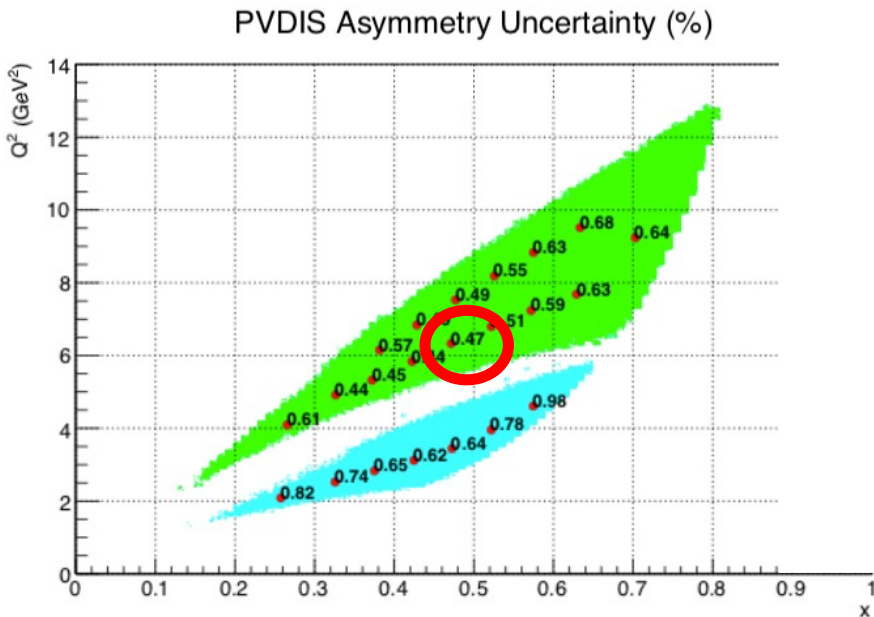
# Q2 vs x distribution for all accepted events

- For the highlighted kinematic bin, red numbers show the ratio between resonance events (events from the right hand side of the red curve) over all the accepted events



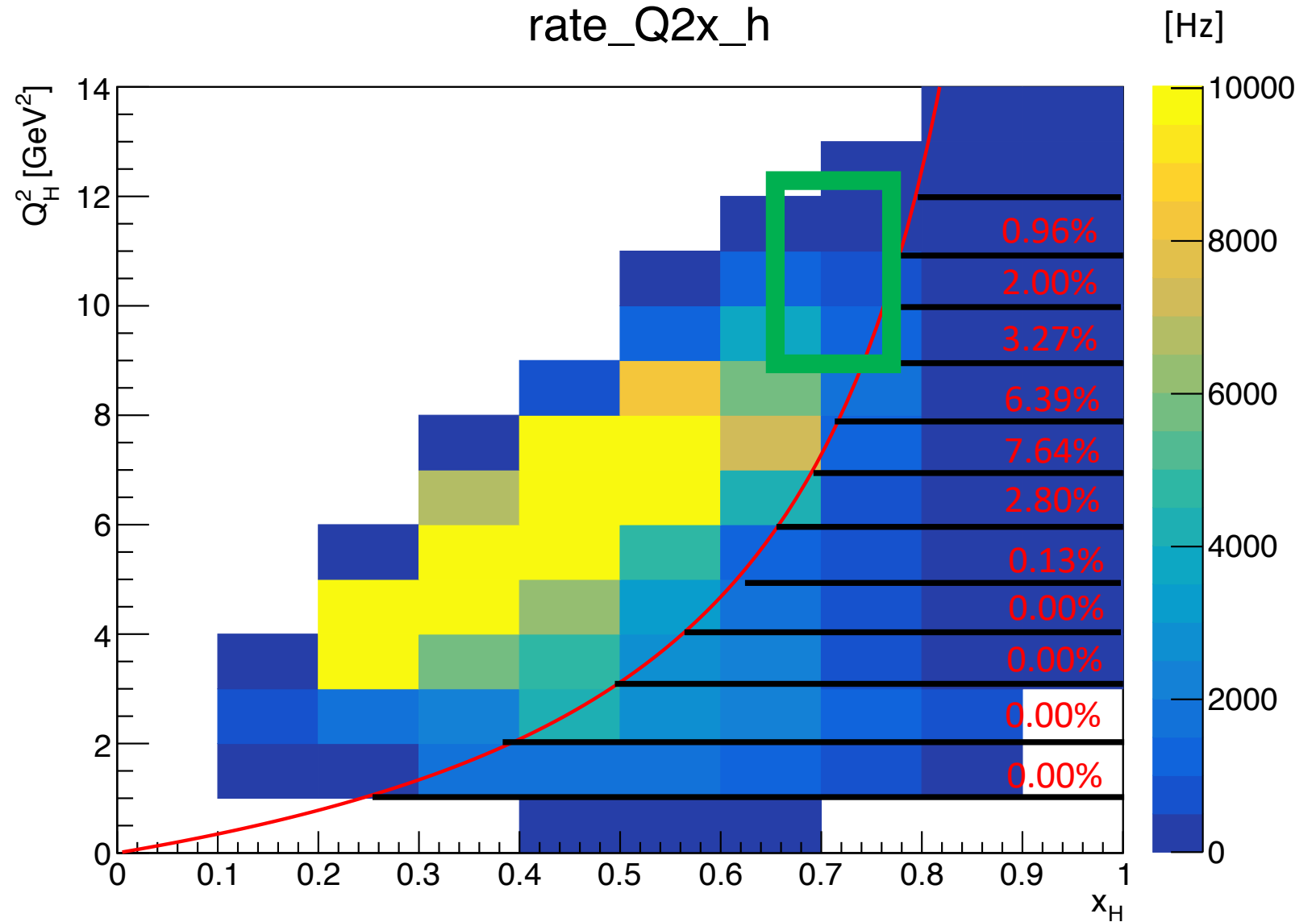
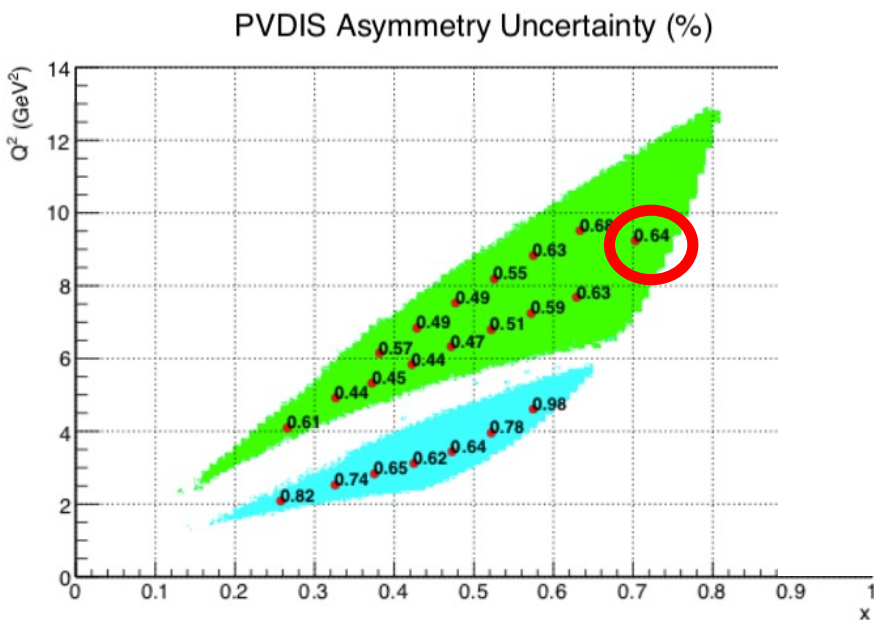
# Q2 vs x distribution for all accepted events

- For the highlighted kinematic bin, red numbers show the ratio between resonance events (events from the right hand side of the red curve) over all the accepted events



# Q2 vs x distribution for all accepted events

- For the highlighted kinematic bin, red numbers show the ratio between resonance events (events from the right hand side of the red curve) over all the accepted events



# Distribution for all detected events

rate\_Q2x\_h

- The dotted distribution shows all detected events (no W cuts)
- pCDR also mentioned there will be additional 18 days for 4.4 GeV with 50uA, for the purpose of RC

