

Two-dimensional plots - Summary group 4

February 21, 2022

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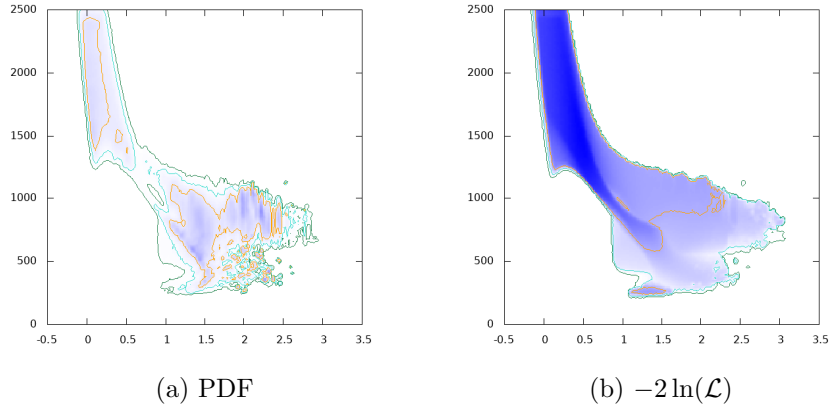


Figure 1: m_{H^\pm} GeV vs. $\log_{10} \tan \beta$

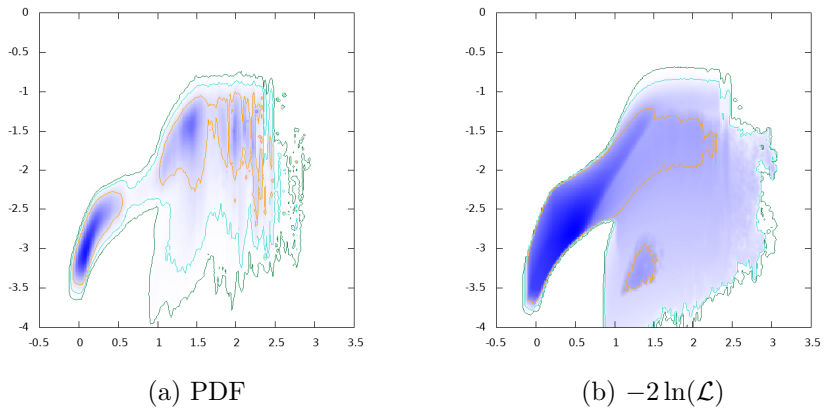


Figure 2: $\log_{10} \text{BR}(H^\pm \rightarrow e^\pm \nu)$ vs. $\log_{10} \tan \beta$

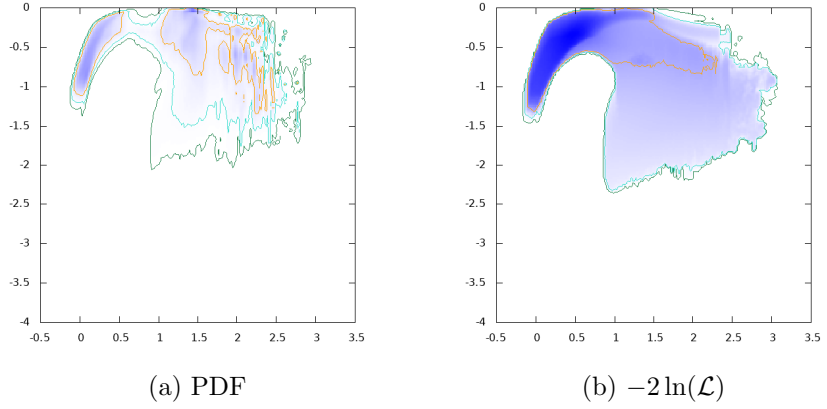


Figure 3: $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$ vs. $\log_{10} \tan \beta$

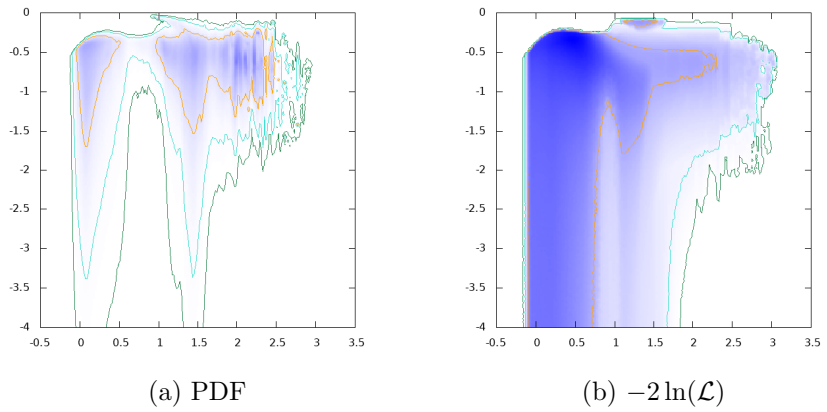


Figure 4: $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$ vs. $\log_{10} \tan \beta$

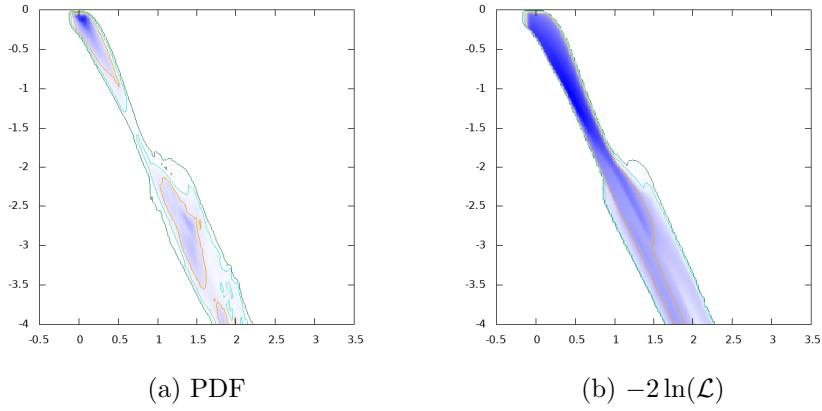


Figure 5: $\log_{10}\text{BR}(H^\pm \rightarrow tb)$ vs. $\log_{10} \tan \beta$

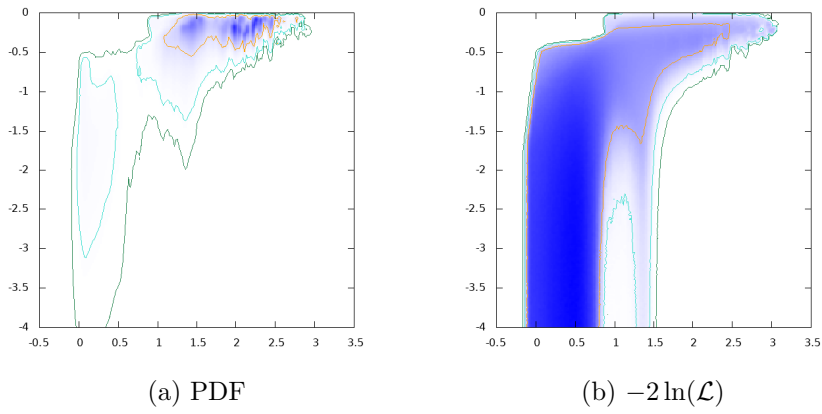


Figure 6: $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$ vs. $\log_{10} \tan \beta$

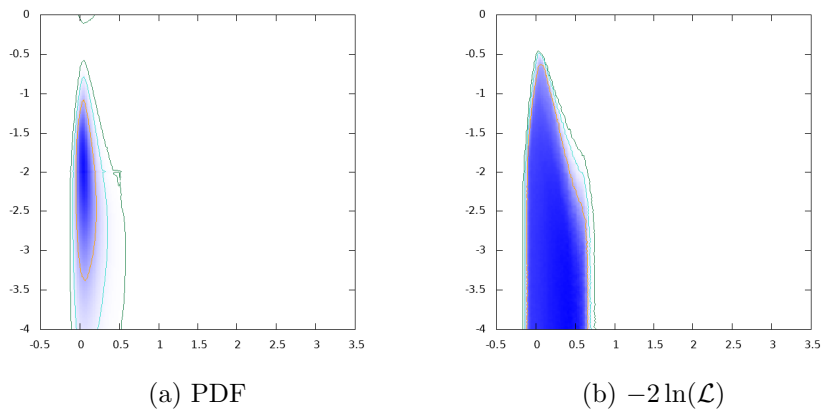


Figure 7: $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$ vs. $\log_{10} \tan \beta$

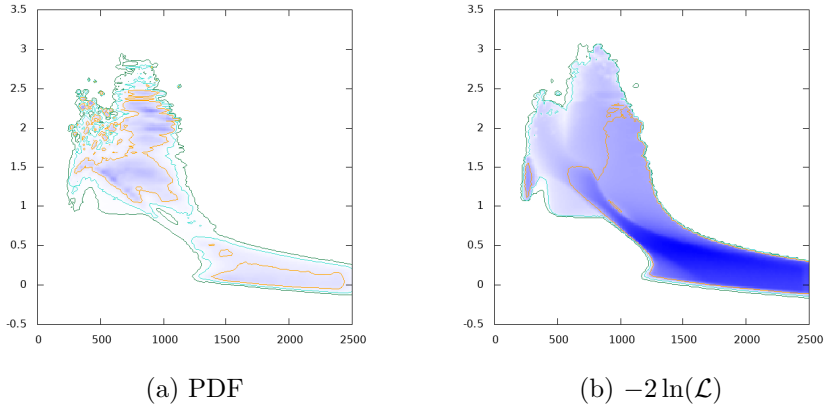


Figure 8: $\log_{10} \tan \beta$ vs. m_{H^\pm} GeV

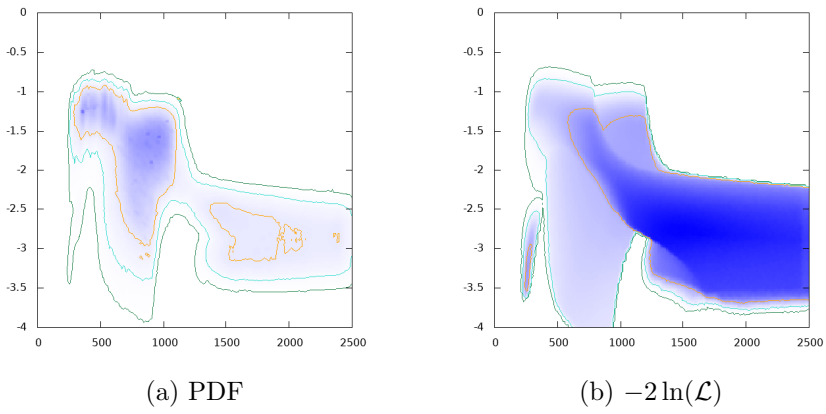


Figure 9: $\log_{10} \text{BR}(H^\pm \rightarrow e^\pm \nu)$ vs. m_{H^\pm} GeV

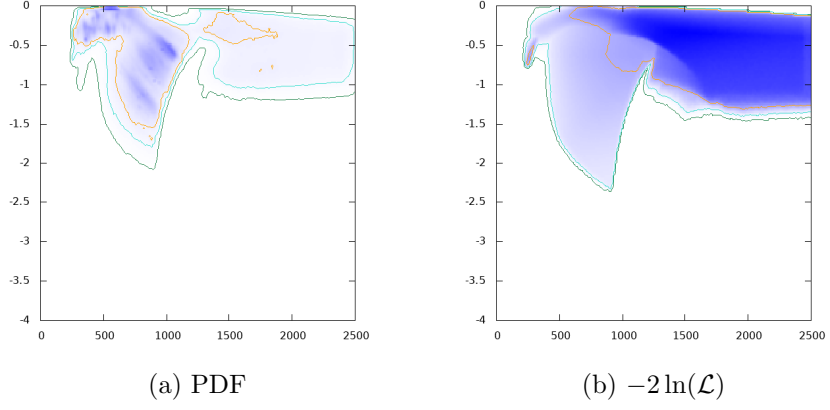


Figure 10: $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm \nu)$ vs. m_{H^\pm} GeV

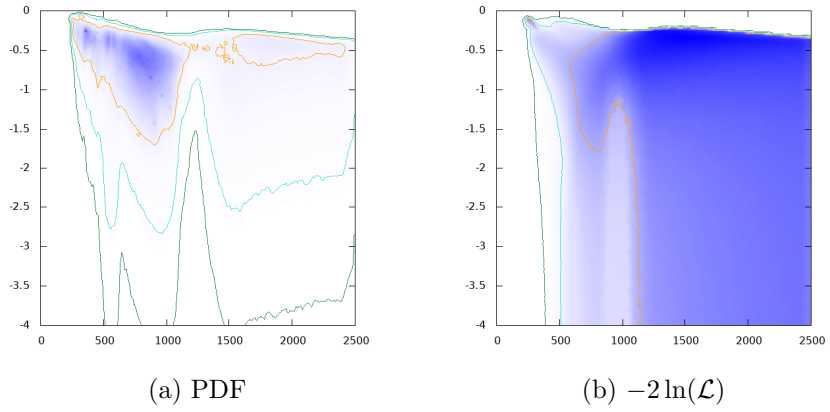


Figure 11: $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm \nu)$ vs. m_{H^\pm} GeV

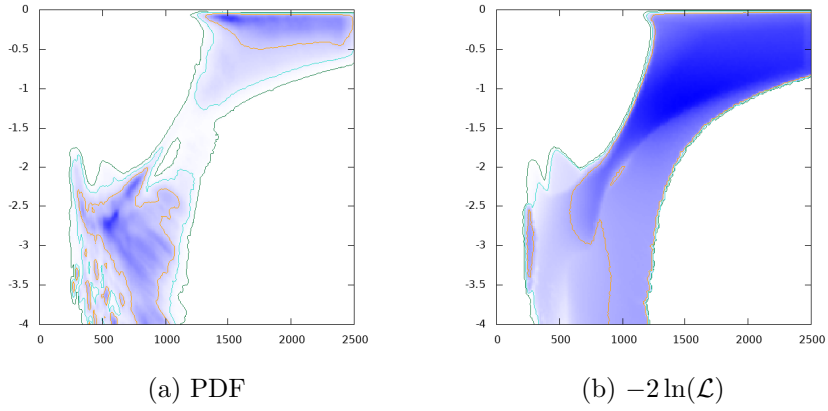


Figure 12: $\log_{10}\text{BR}(H^\pm \rightarrow tb)$ vs. m_{H^\pm} GeV

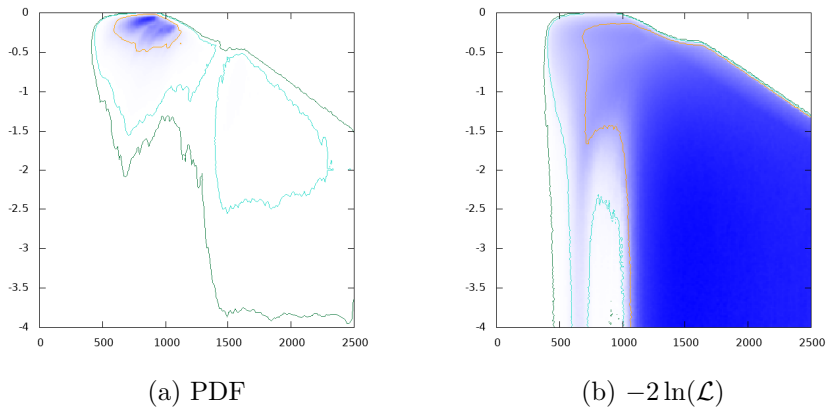


Figure 13: $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$ vs. m_{H^\pm} GeV

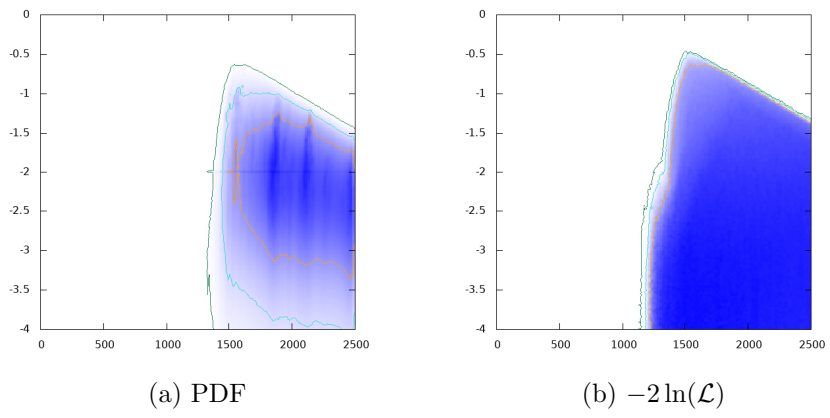


Figure 14: $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$ vs. m_{H^\pm} GeV

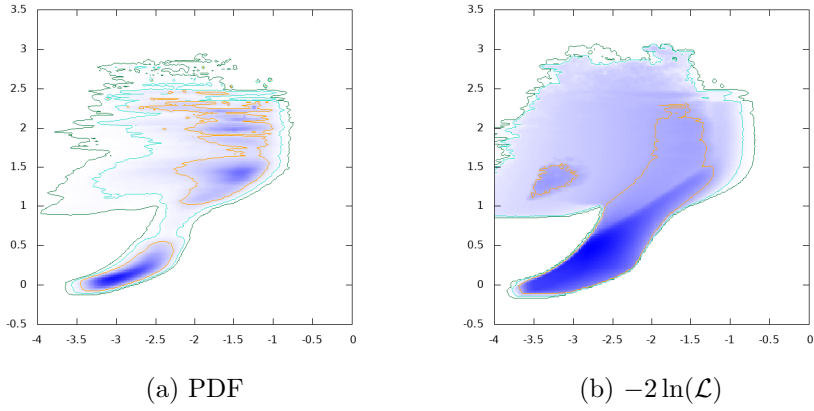


Figure 15: $\log_{10} \tan \beta$ vs. $\log_{10} \text{BR}(H^\pm \rightarrow e^\pm \nu)$

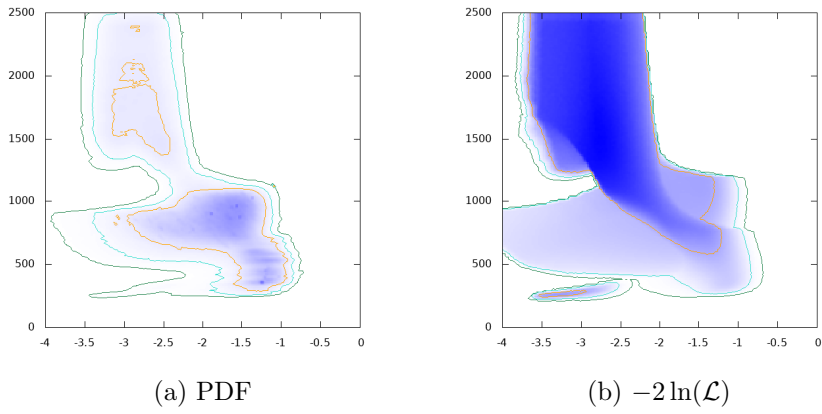


Figure 16: m_{H^\pm} GeV vs. $\log_{10} \text{BR}(H^\pm \rightarrow e^\pm \nu)$

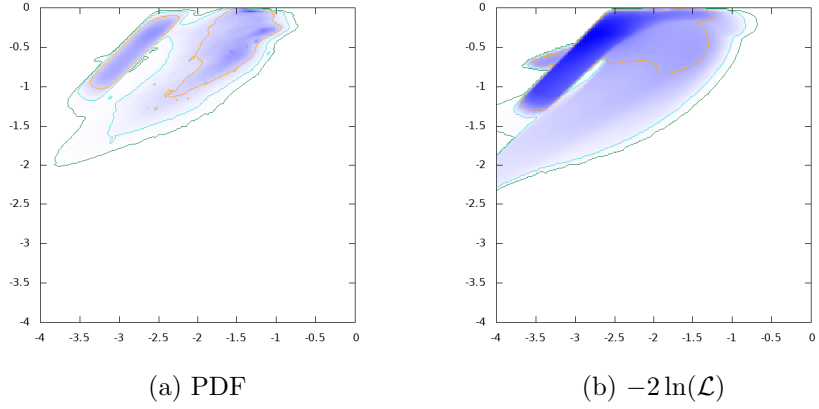


Figure 17: $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$

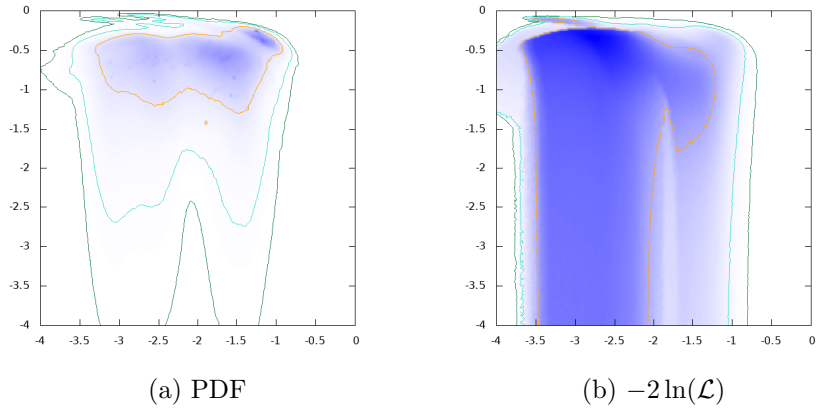


Figure 18: $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$

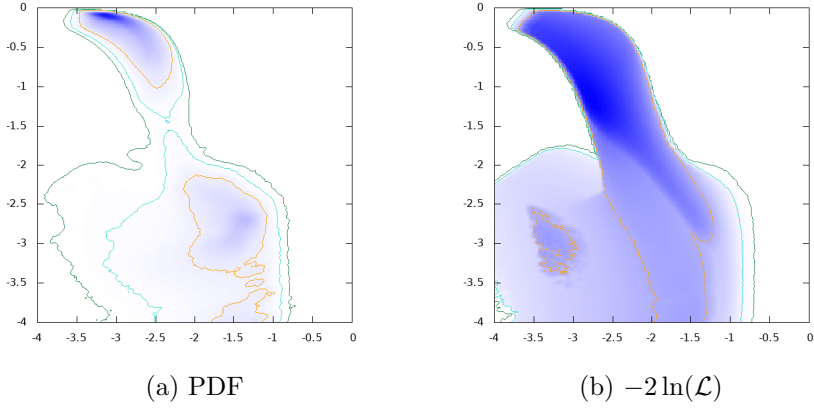


Figure 19: $\log_{10}\text{BR}(H^\pm \rightarrow tb)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$

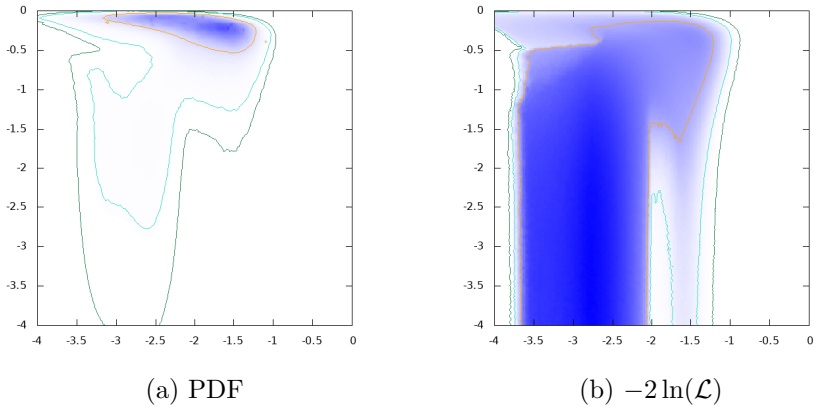


Figure 20: $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$

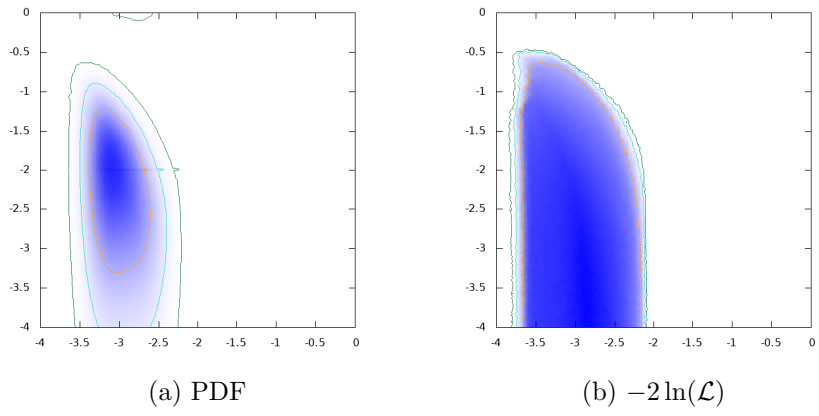


Figure 21: $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$

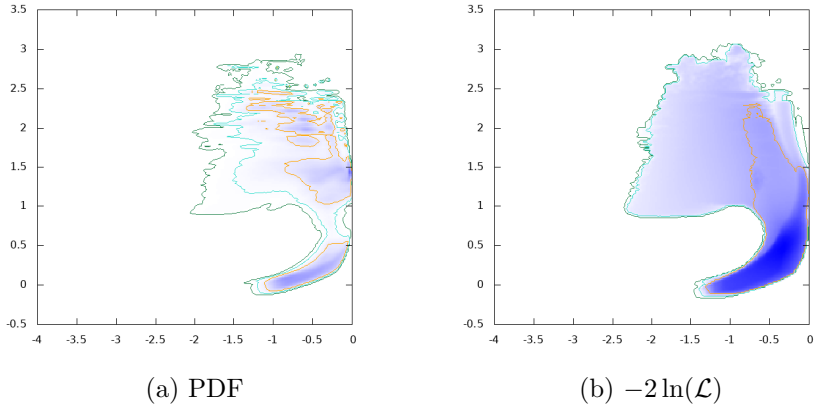


Figure 22: $\log_{10} \tan \beta$ vs. $\log_{10} \text{BR}(H^\pm \rightarrow \mu^\pm \nu)$

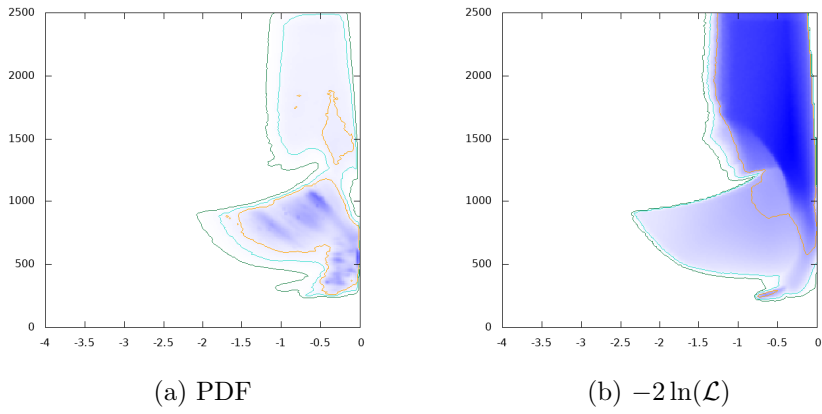


Figure 23: m_{H^\pm} GeV vs. $\log_{10} \text{BR}(H^\pm \rightarrow \mu^\pm \nu)$

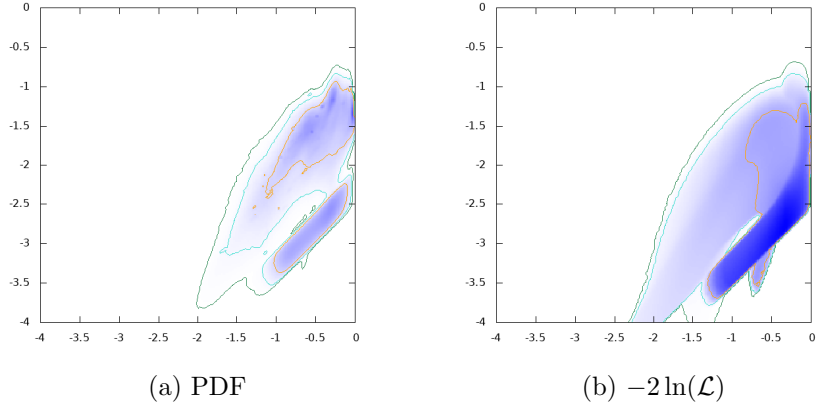


Figure 24: $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$

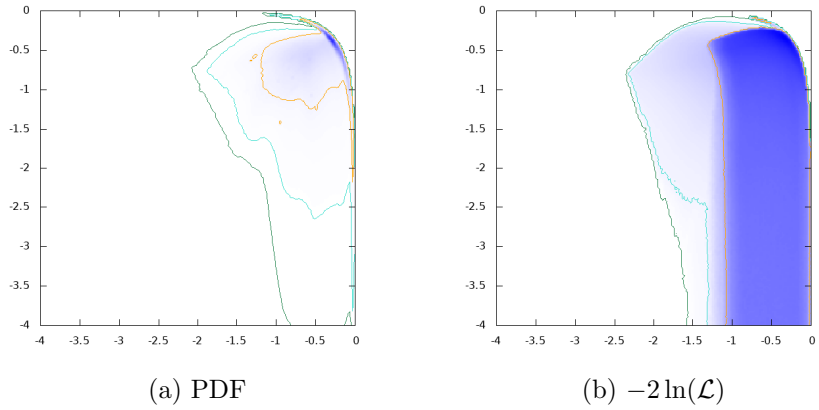


Figure 25: $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$

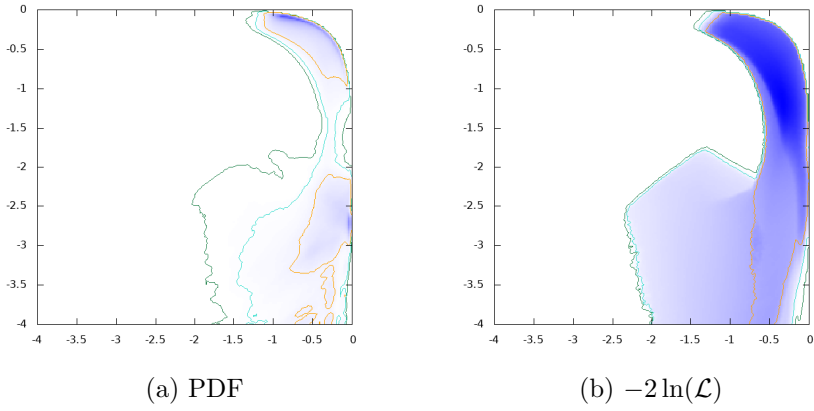


Figure 26: $\log_{10}\text{BR}(H^\pm \rightarrow tb)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$

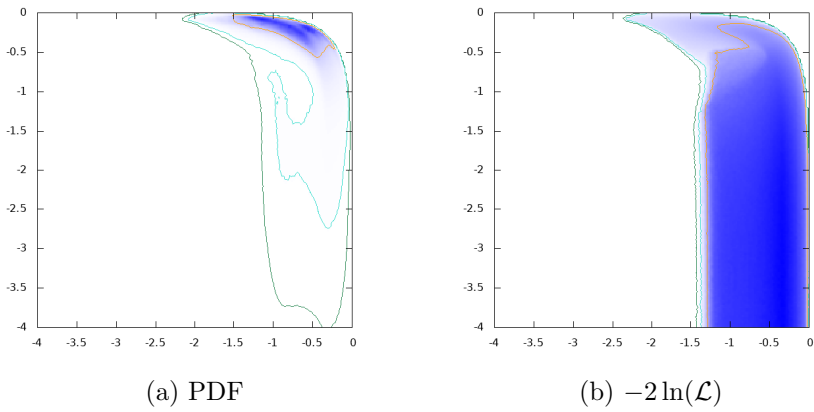


Figure 27: $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$

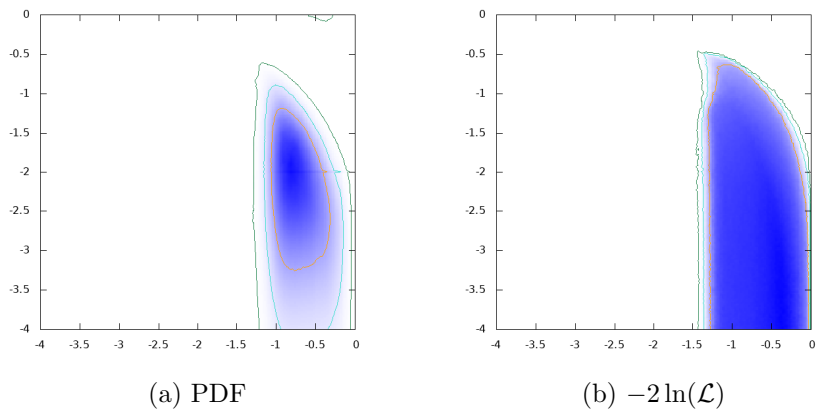


Figure 28: $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$

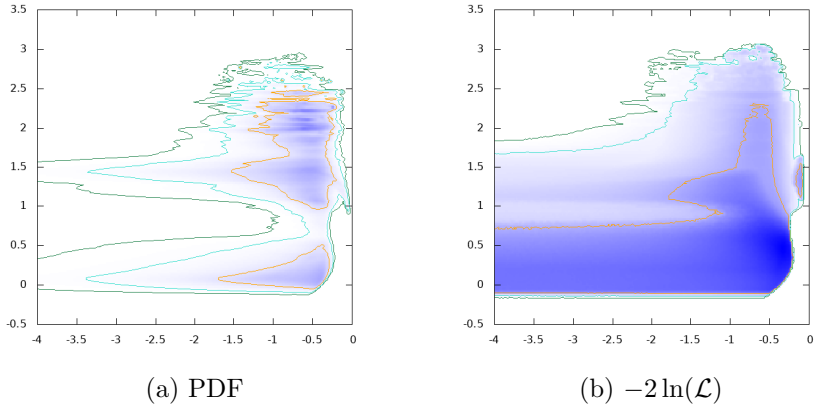


Figure 29: $\log_{10} \tan \beta$ vs. $\log_{10} \text{BR}(H^\pm \rightarrow \tau^\pm \nu)$

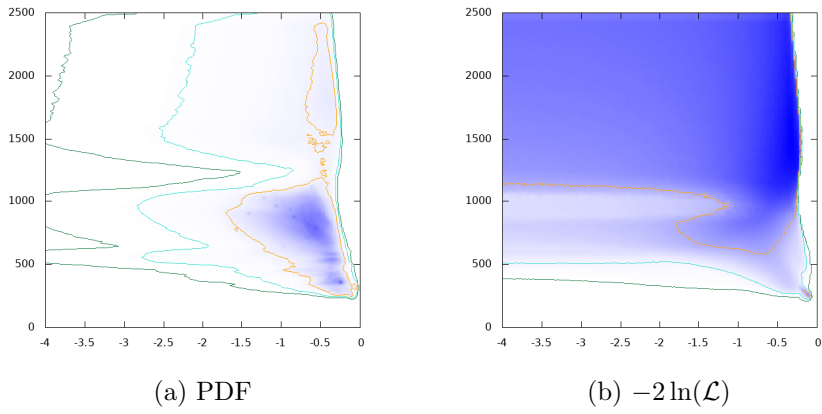


Figure 30: m_{H^\pm} GeV vs. $\log_{10} \text{BR}(H^\pm \rightarrow \tau^\pm \nu)$

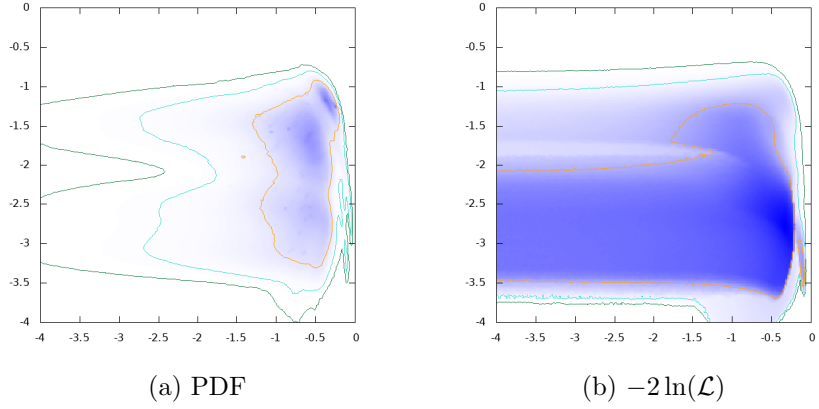


Figure 31: $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$

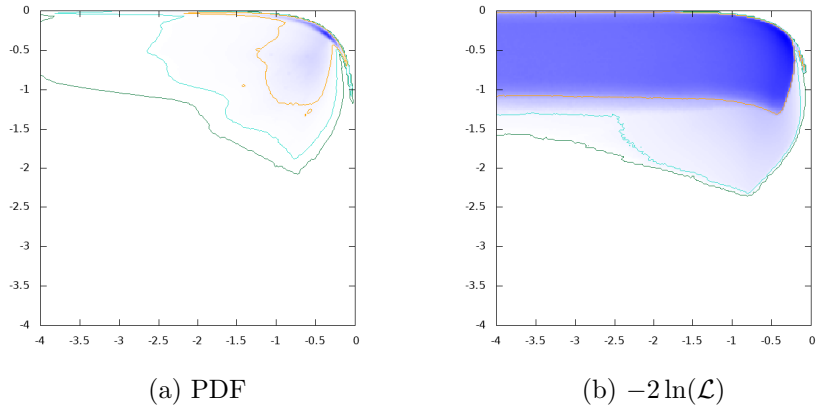


Figure 32: $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$

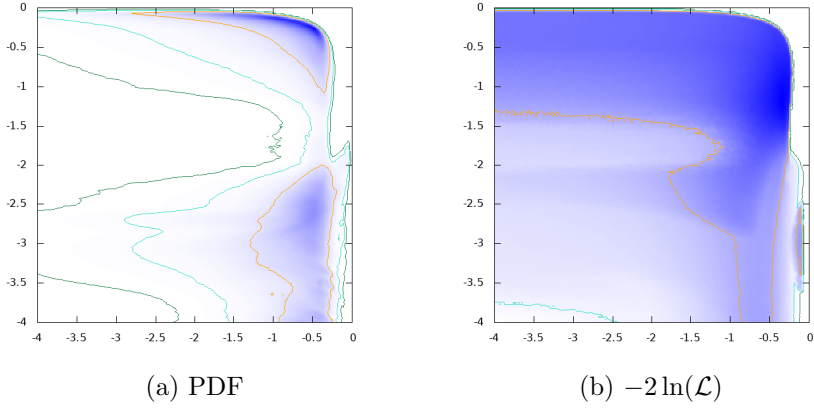


Figure 33: $\log_{10}\text{BR}(H^\pm \rightarrow tb)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$

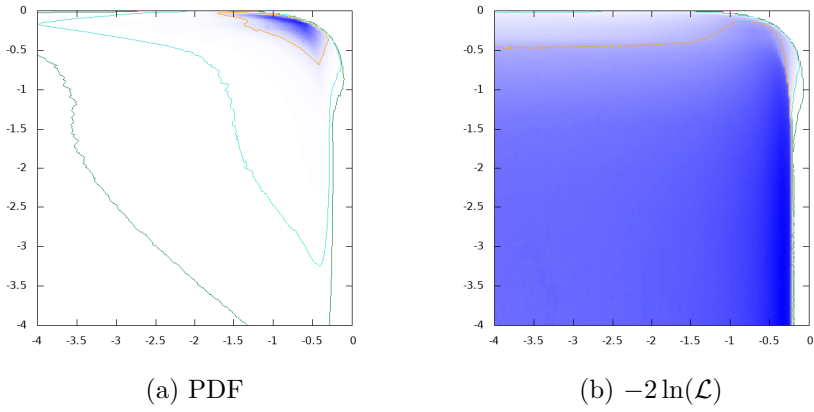


Figure 34: $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$

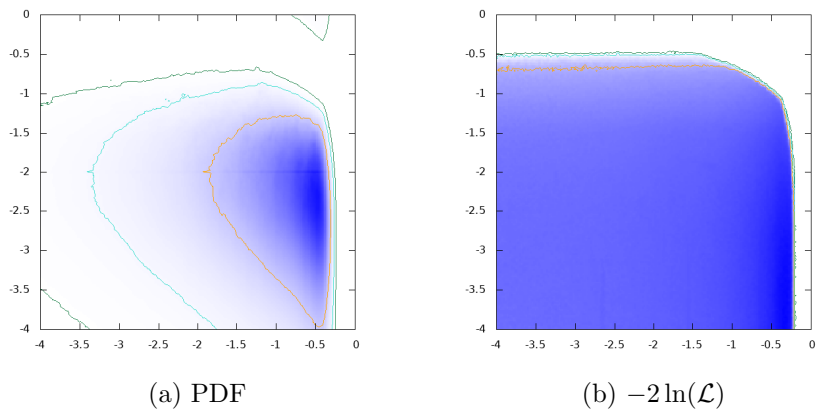


Figure 35: $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$

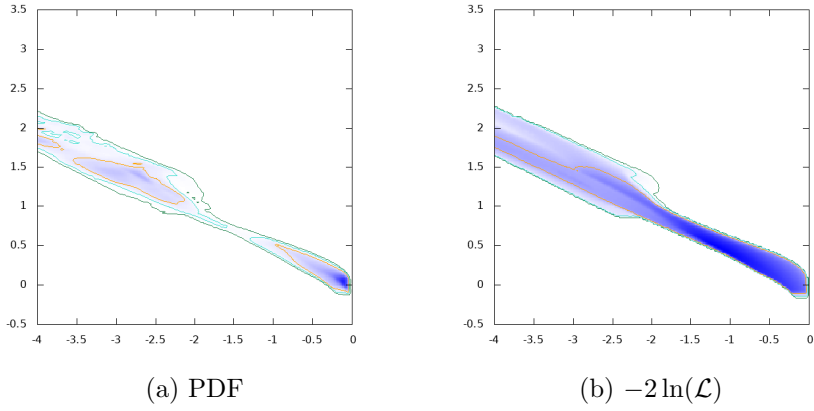


Figure 36: $\log_{10} \tan \beta$ vs. $\log_{10} \text{BR}(H^\pm \rightarrow tb)$

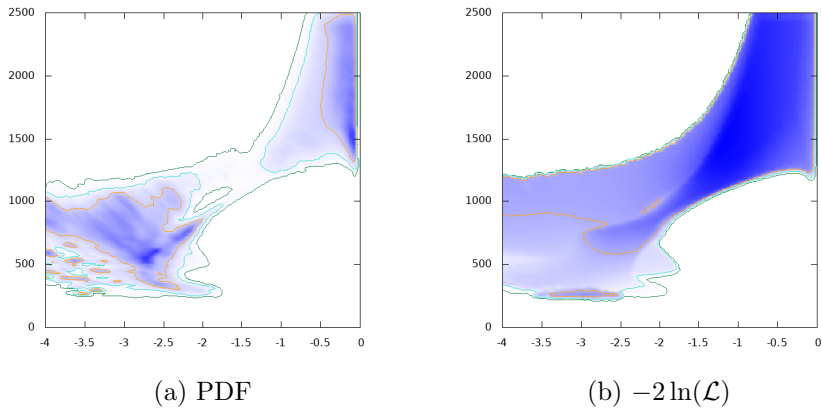


Figure 37: m_{H^\pm} GeV vs. $\log_{10} \text{BR}(H^\pm \rightarrow tb)$

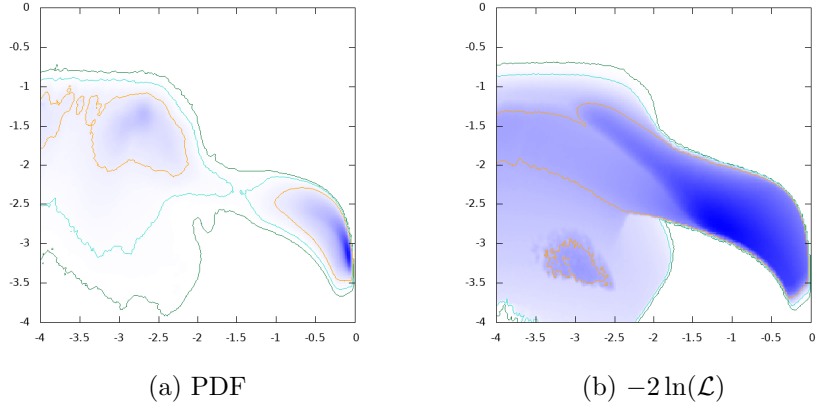


Figure 38: $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow tb)$

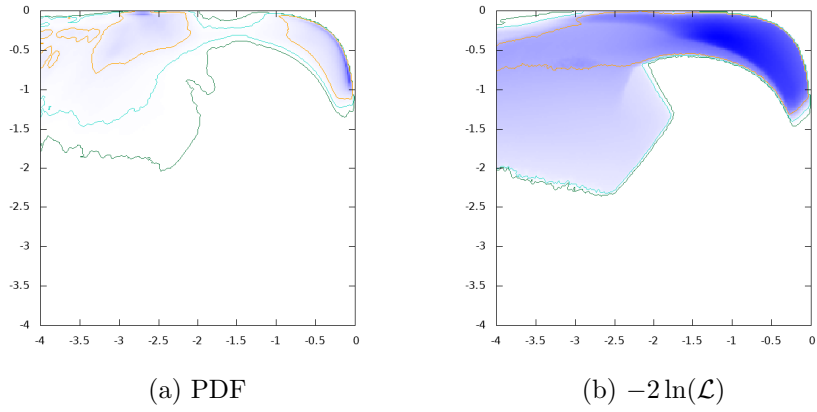


Figure 39: $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow tb)$

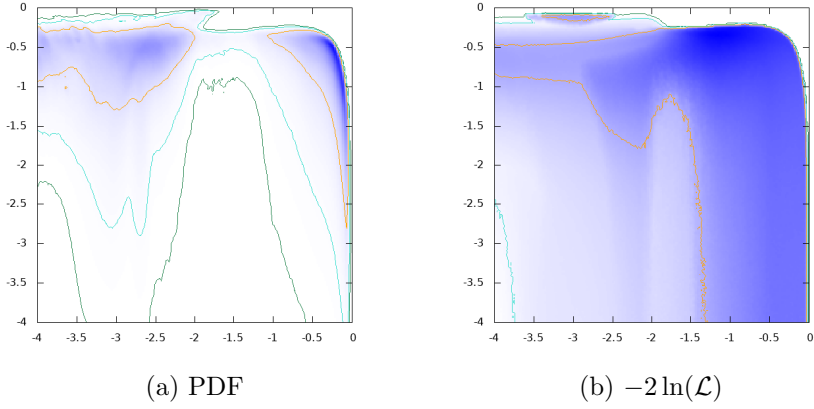


Figure 40: $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm \nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow tb)$

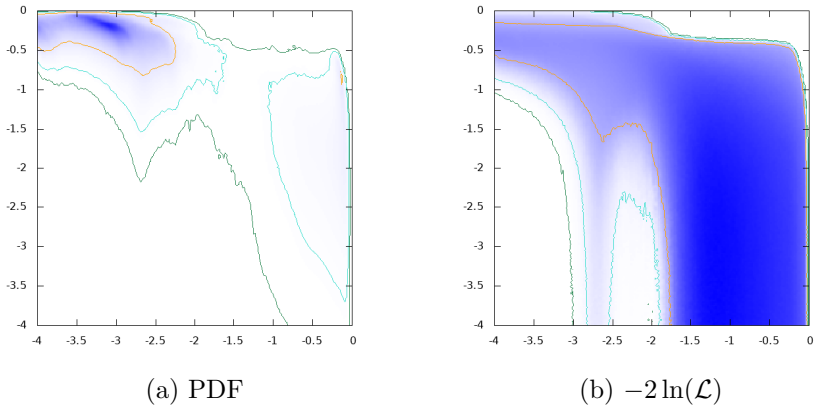


Figure 41: $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow tb)$

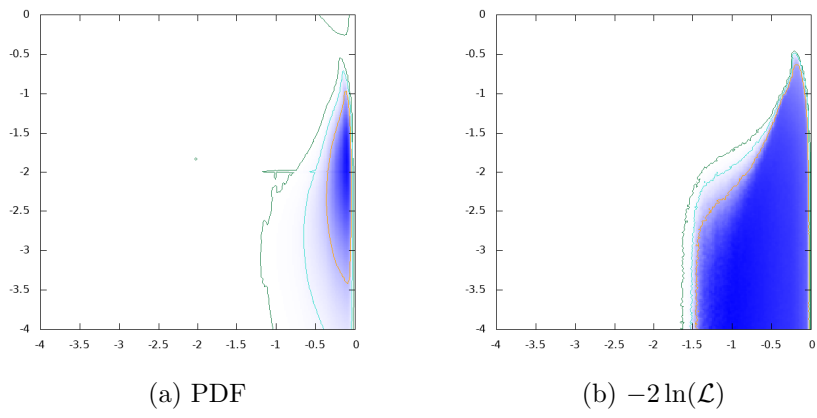
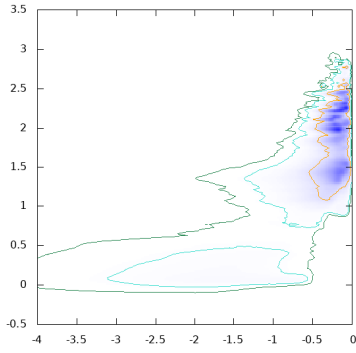
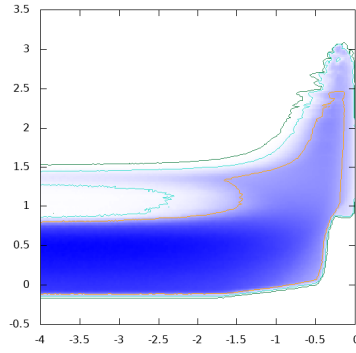


Figure 42: $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow tb)$

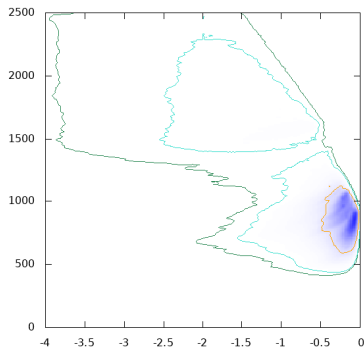


(a) PDF

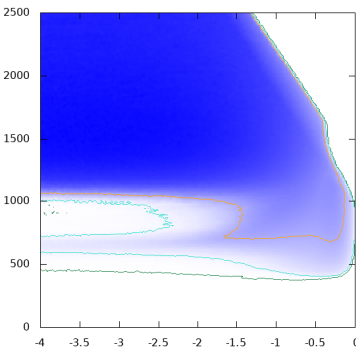


(b) $-2\ln(\mathcal{L})$

Figure 43: $\log_{10} \tan \beta$ vs. $\log_{10} \text{BR}(H^\pm \rightarrow HW^\pm)$



(a) PDF



(b) $-2\ln(\mathcal{L})$

Figure 44: m_{H^\pm} GeV vs. $\log_{10} \text{BR}(H^\pm \rightarrow HW^\pm)$

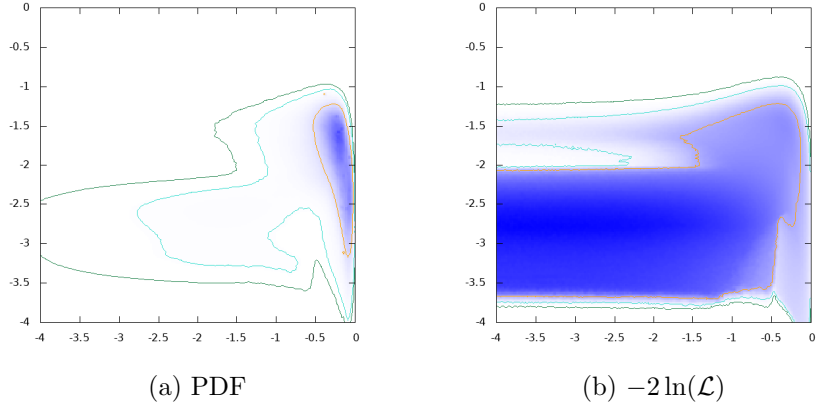


Figure 45: $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$

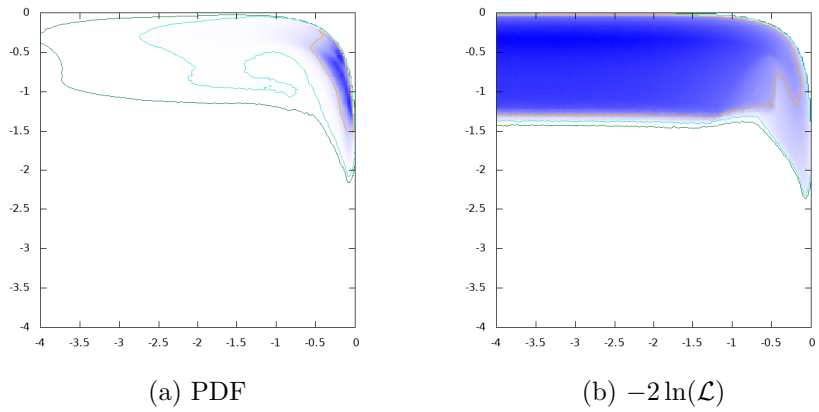


Figure 46: $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$

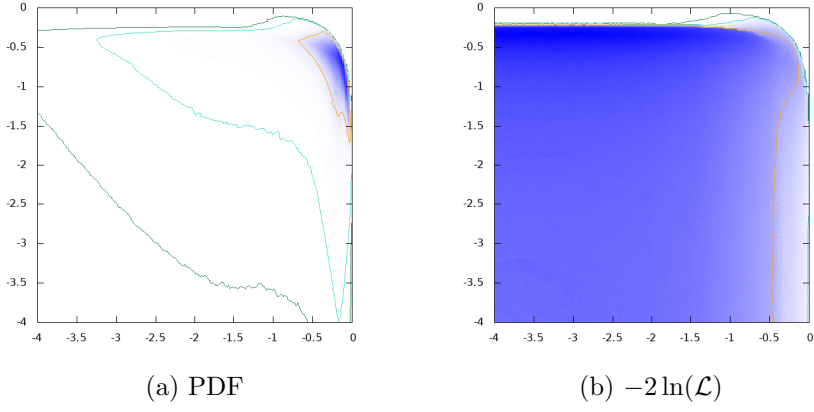


Figure 47: $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$

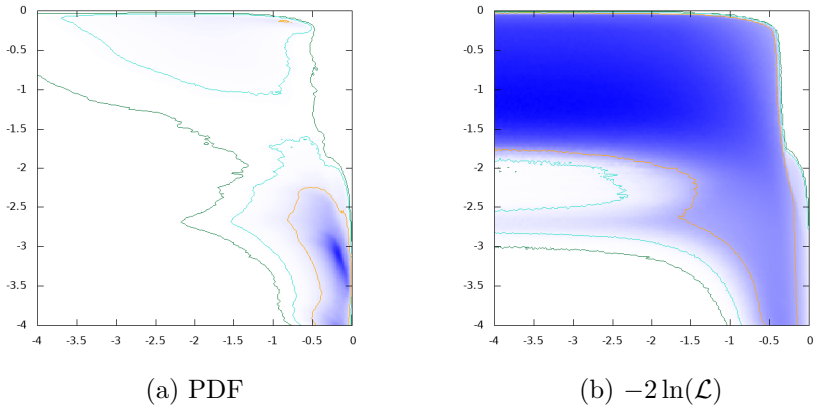


Figure 48: $\log_{10}\text{BR}(H^\pm \rightarrow tb)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$

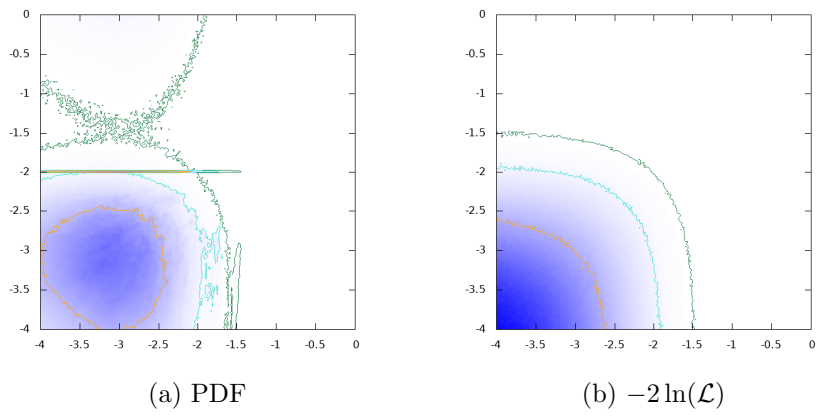


Figure 49: $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$

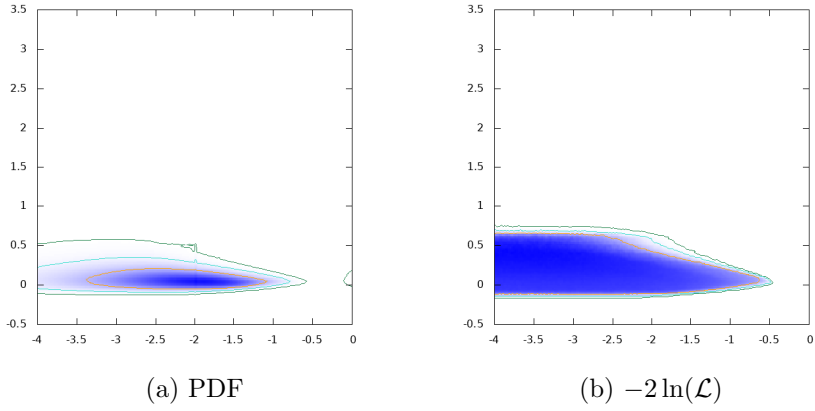


Figure 50: $\log_{10} \tan \beta$ vs. $\log_{10} \text{BR}(H^\pm \rightarrow AW^\pm)$

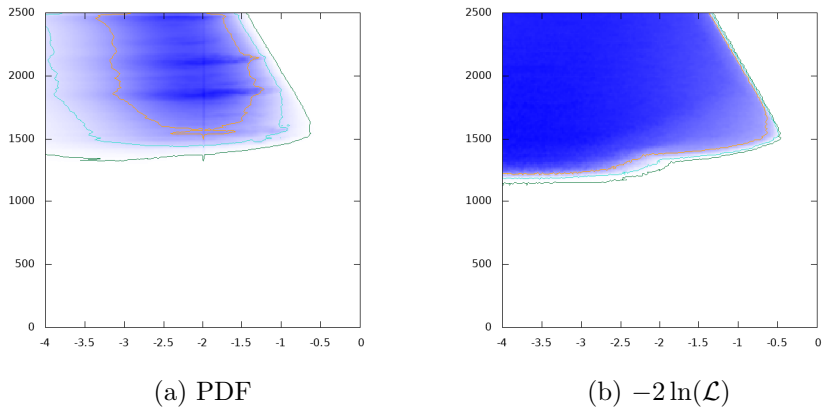


Figure 51: m_{H^\pm} GeV vs. $\log_{10} \text{BR}(H^\pm \rightarrow AW^\pm)$

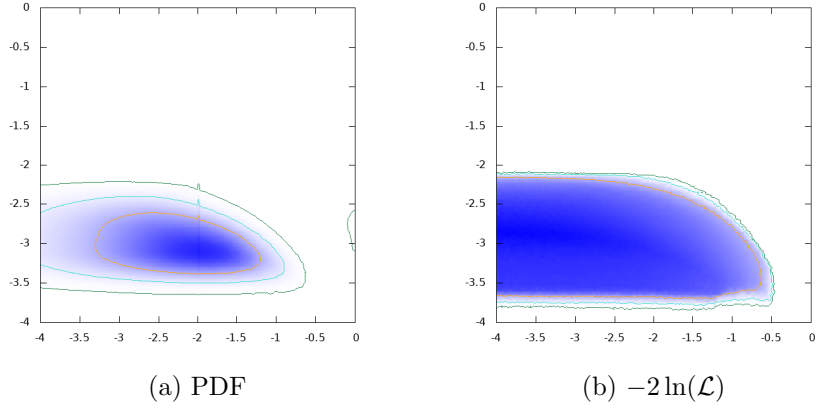


Figure 52: $\log_{10}\text{BR}(H^\pm \rightarrow e^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$

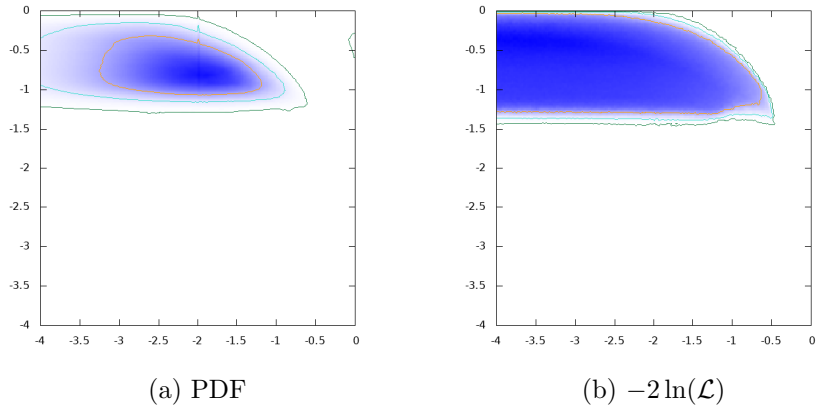


Figure 53: $\log_{10}\text{BR}(H^\pm \rightarrow \mu^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$

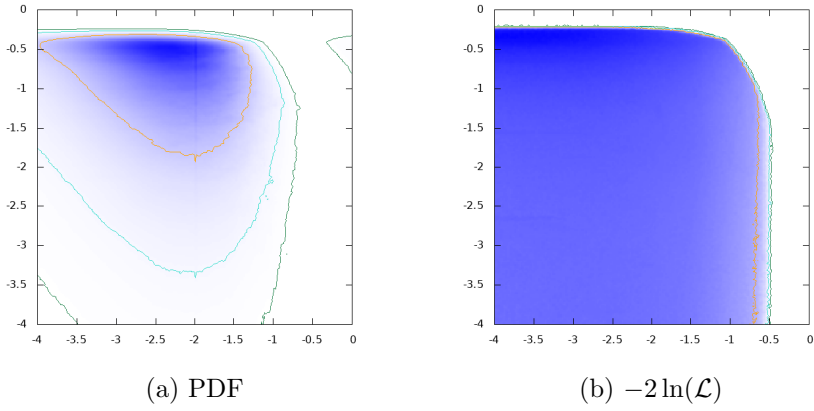


Figure 54: $\log_{10}\text{BR}(H^\pm \rightarrow \tau^\pm\nu)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$

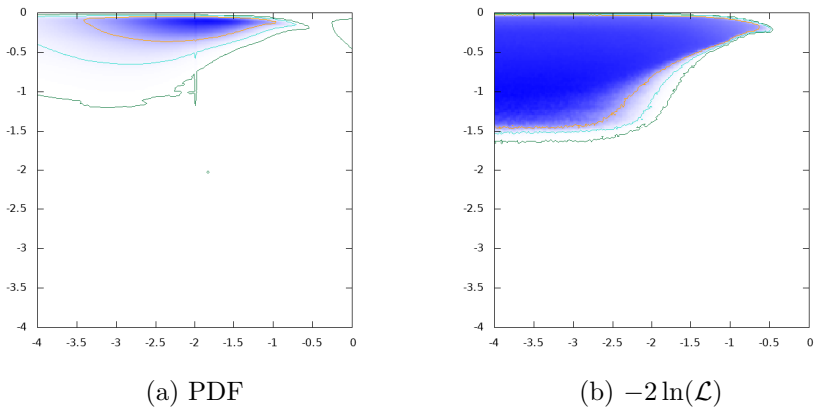


Figure 55: $\log_{10}\text{BR}(H^\pm \rightarrow tb)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$

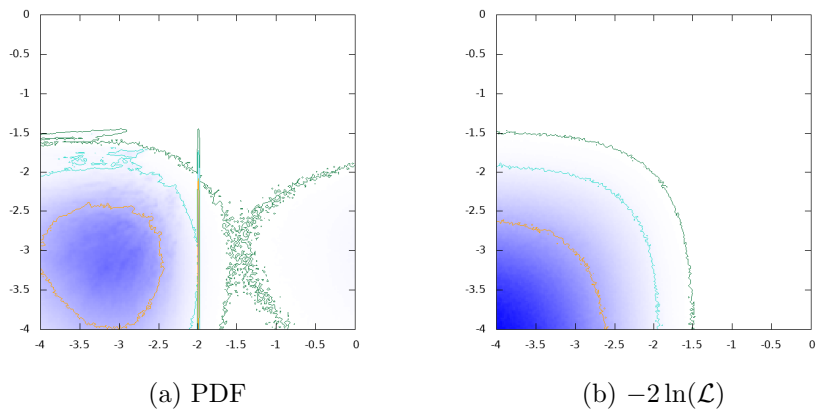


Figure 56: $\log_{10}\text{BR}(H^\pm \rightarrow HW^\pm)$ vs. $\log_{10}\text{BR}(H^\pm \rightarrow AW^\pm)$