

Two-dimensional plots - Summary group 2

February 21, 2022

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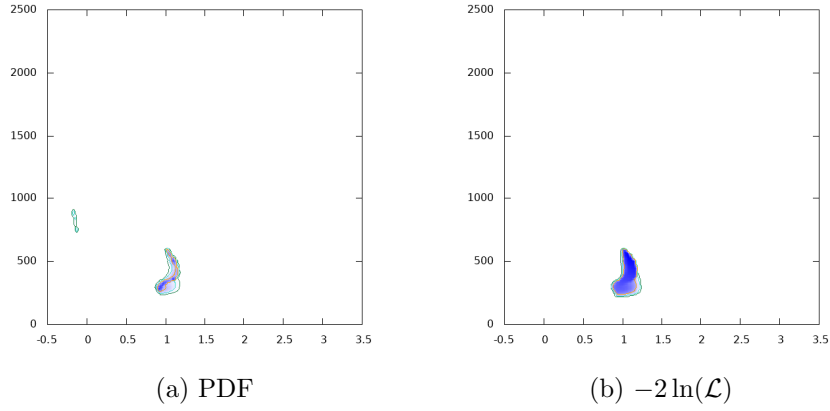


Figure 1: m_H GeV vs. $\log_{10} \tan \beta$

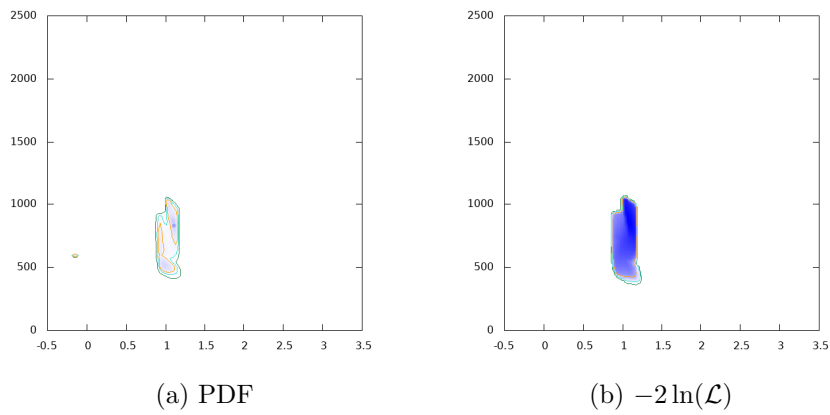


Figure 2: m_A GeV vs. $\log_{10} \tan \beta$

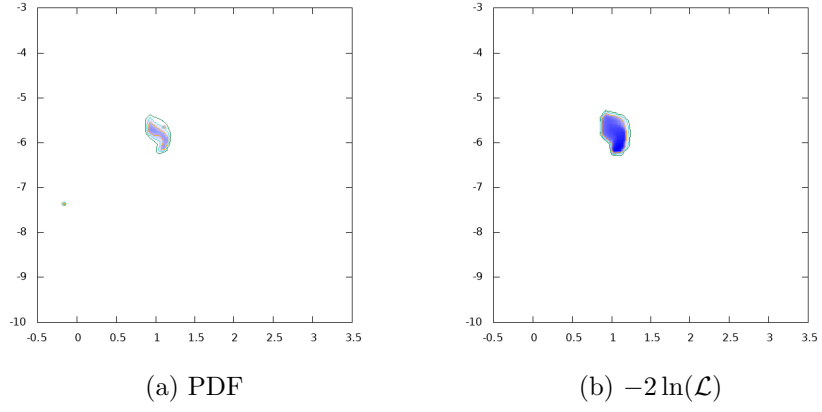


Figure 3: $\log_{10}|\delta a_\tau|$ vs. $\log_{10} \tan \beta$

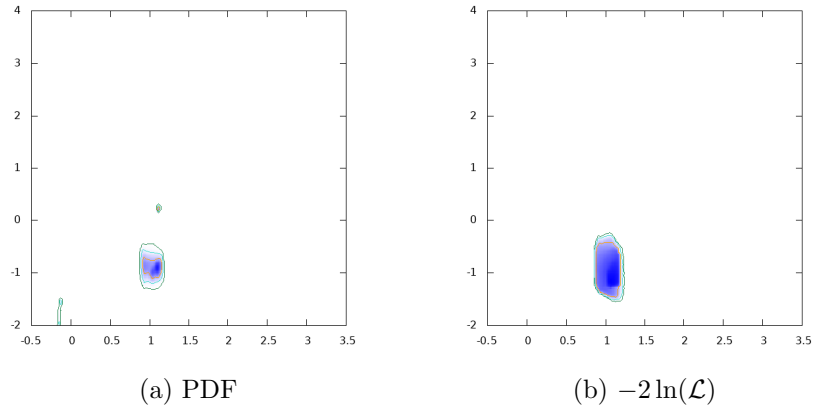


Figure 4: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \tan \beta$

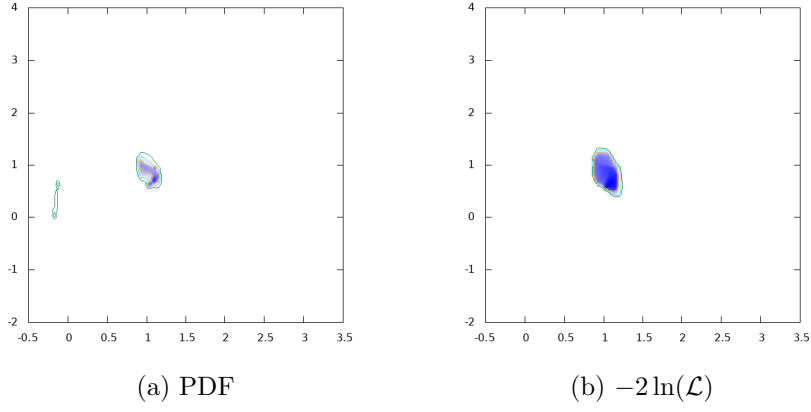


Figure 5: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb) vs. $\log_{10} \tan \beta$

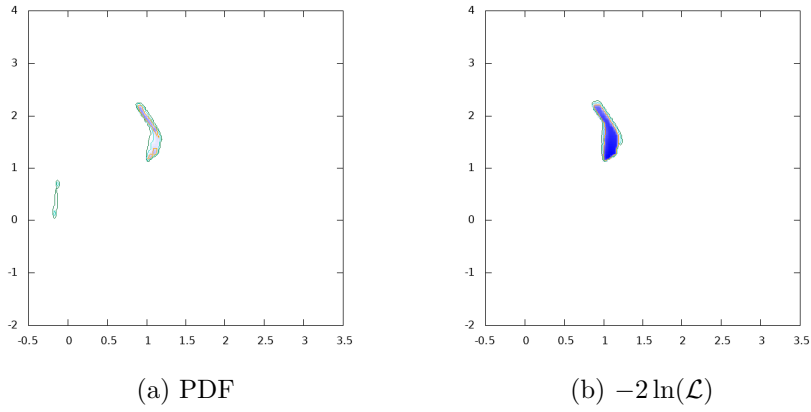


Figure 6: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \tan \beta$

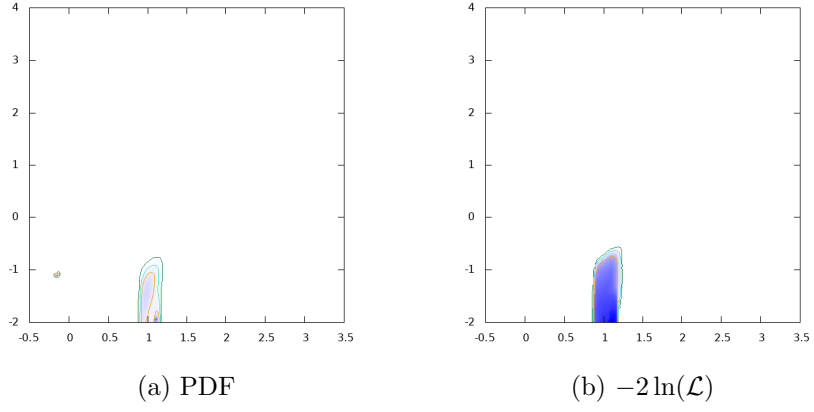


Figure 7: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \tan \beta$

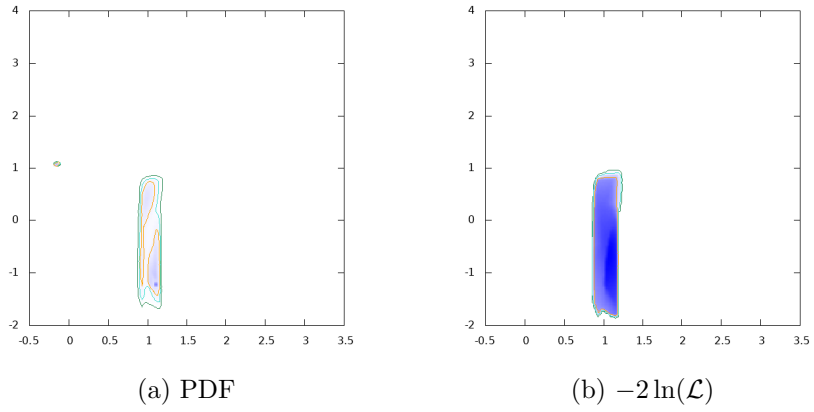


Figure 8: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \tan \beta$

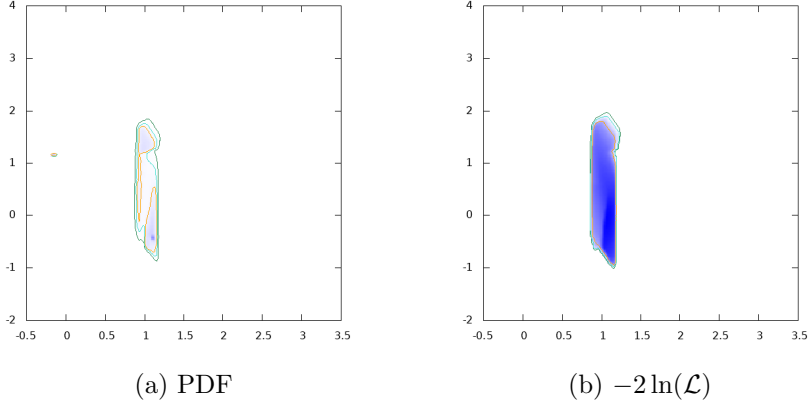


Figure 9: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \tan \beta$

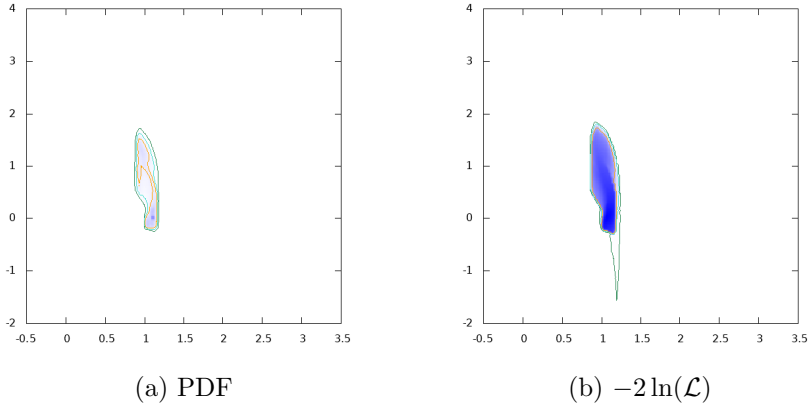


Figure 10: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} \tan \beta$

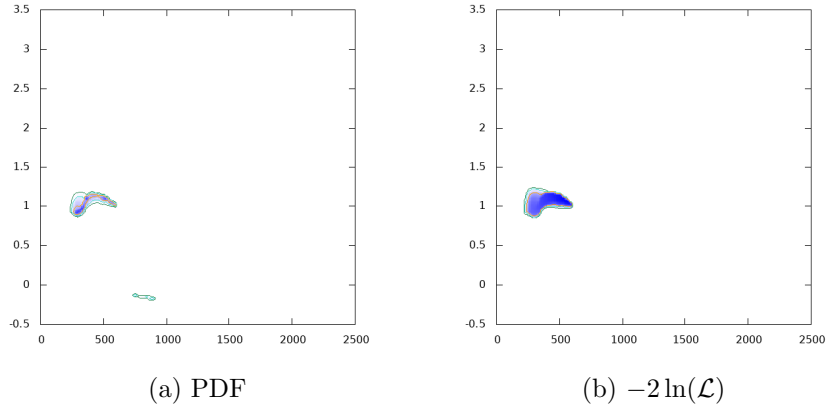


Figure 11: $\log_{10} \tan \beta$ vs. m_H GeV

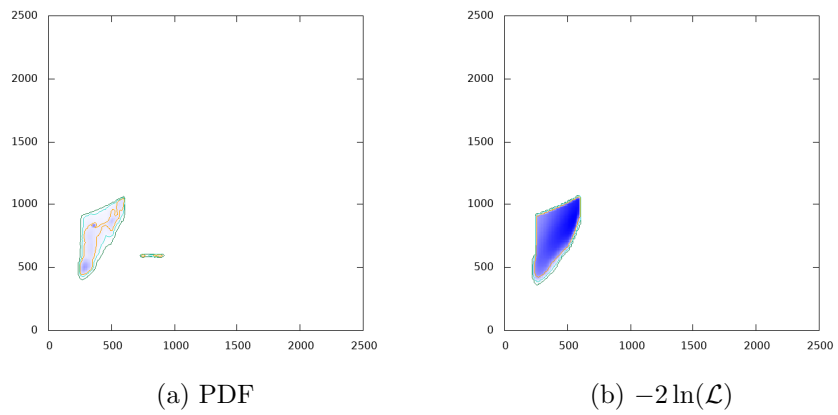


Figure 12: m_A GeV vs. m_H GeV

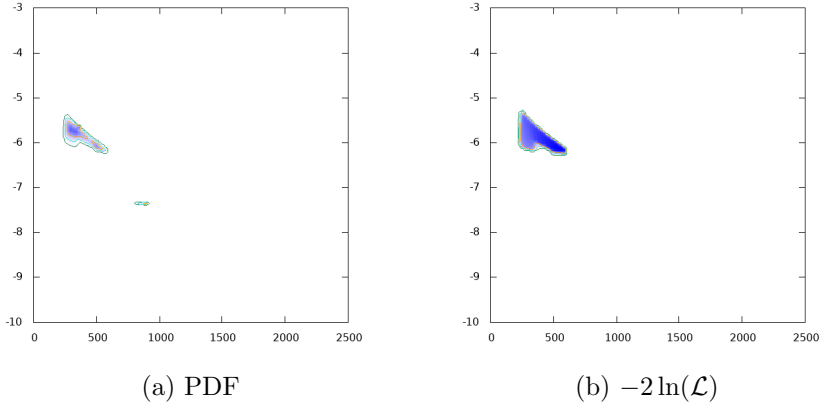


Figure 13: $\log_{10}|\delta a_\tau|$ vs. m_H GeV

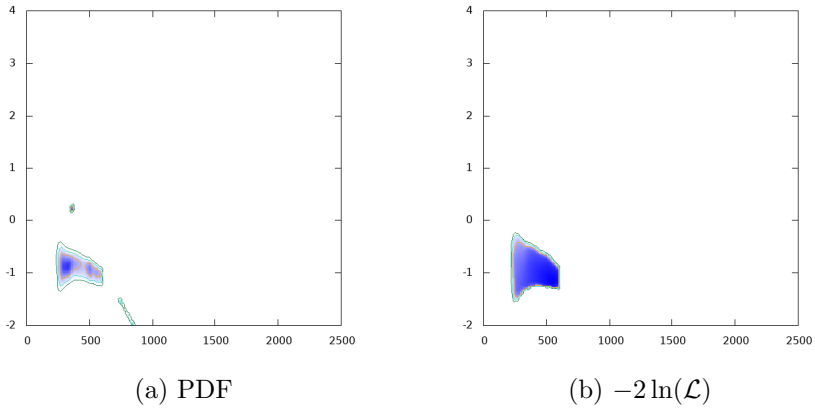


Figure 14: $\log_{10}\sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. m_H GeV

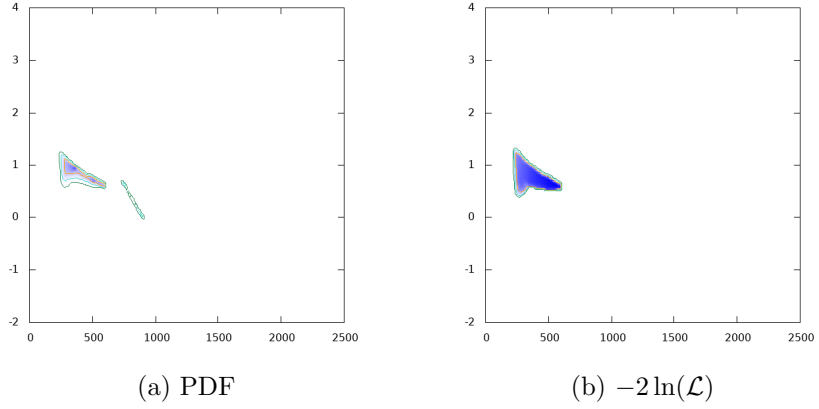


Figure 15: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb) vs. m_H GeV

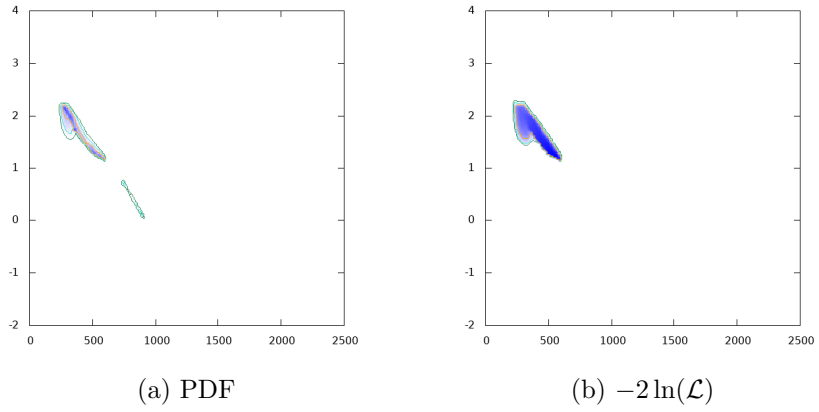


Figure 16: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. m_H GeV

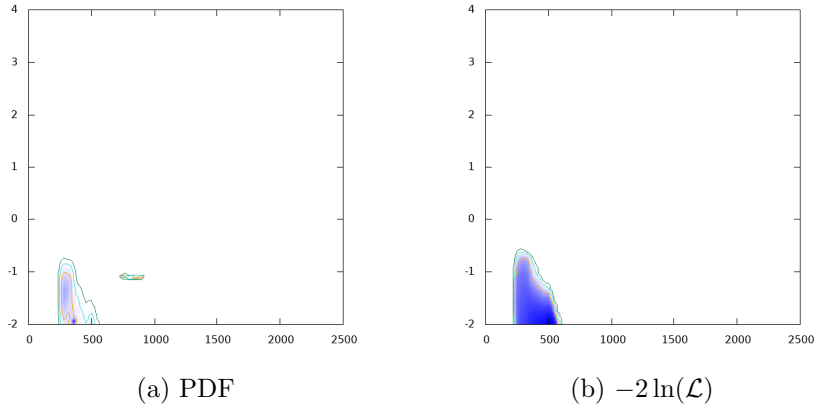


Figure 17: $\log_{10}\sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb) vs. m_H GeV

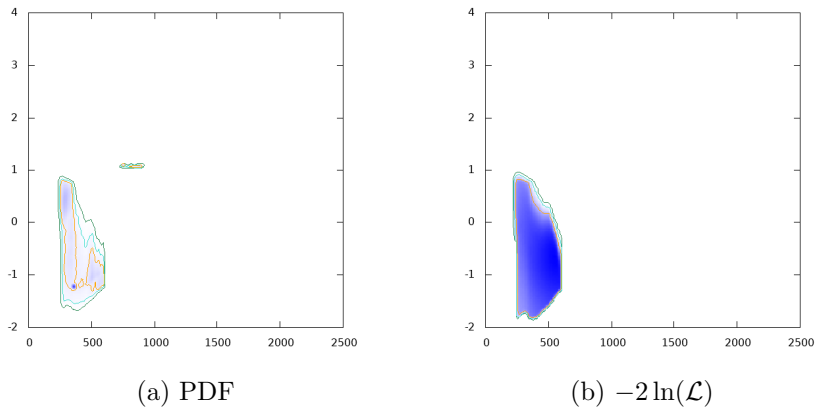


Figure 18: $\log_{10}\sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb) vs. m_H GeV

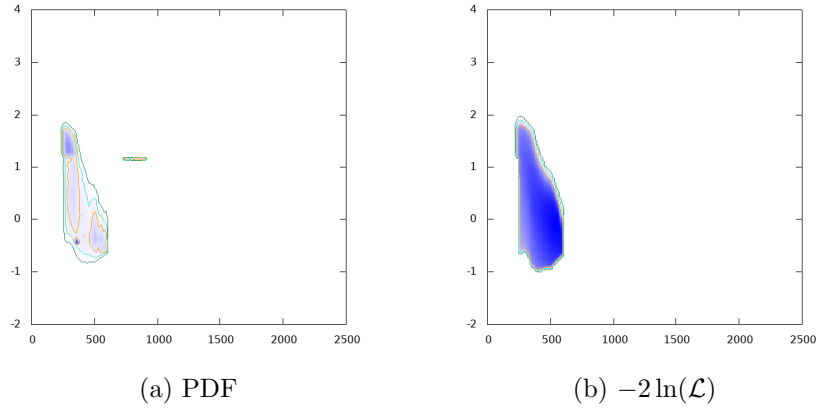


Figure 19: $\log_{10}\sigma(pp \rightarrow A \rightarrow \tau^+\tau^-)$ (fb) vs. m_H GeV

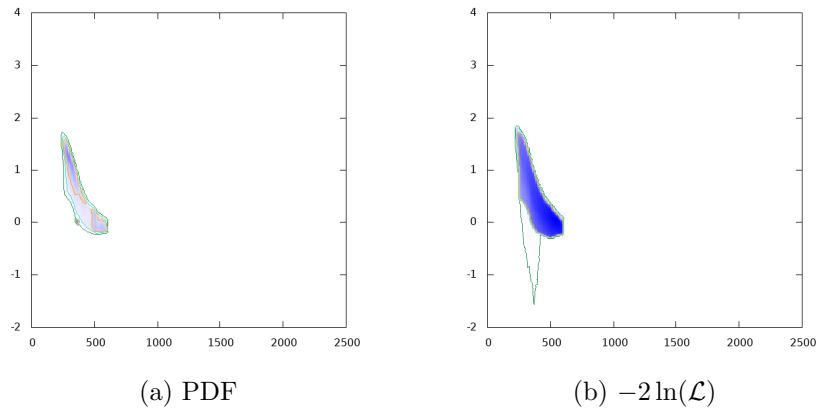
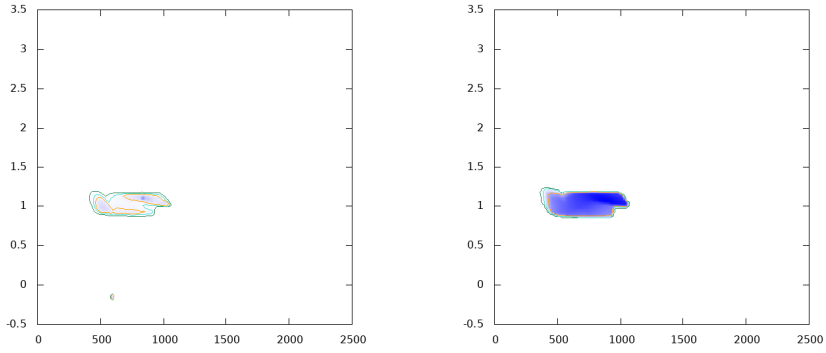


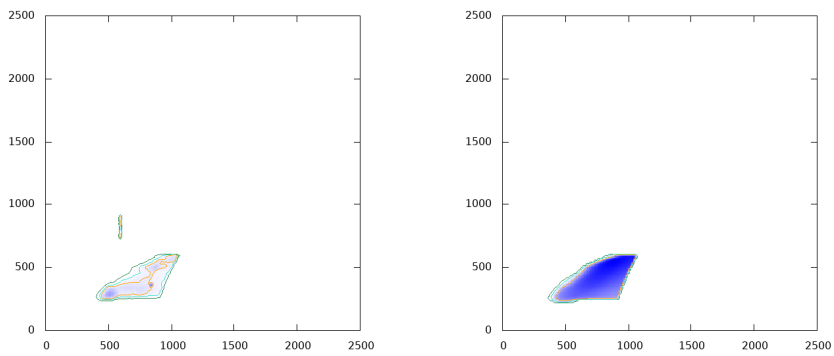
Figure 20: $\log_{10}\sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. m_H GeV



(a) PDF

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

Figure 21: $\log_{10} \tan \beta$ vs. m_A GeV



(a) PDF

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

Figure 22: m_H GeV vs. m_A GeV

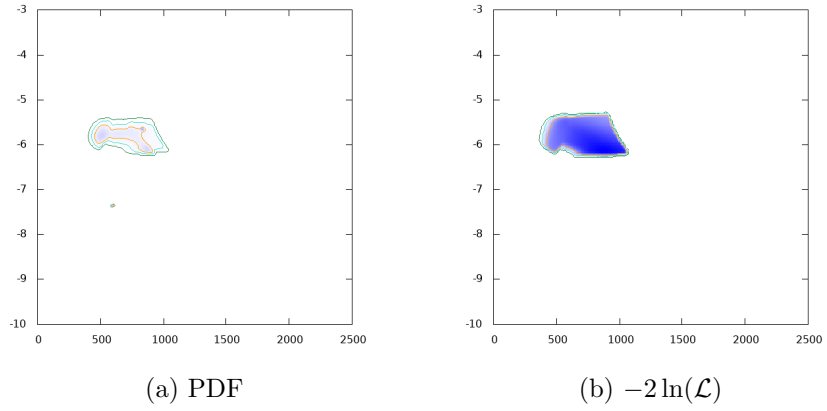


Figure 23: $\log_{10}|\delta a_\tau|$ vs. m_A GeV

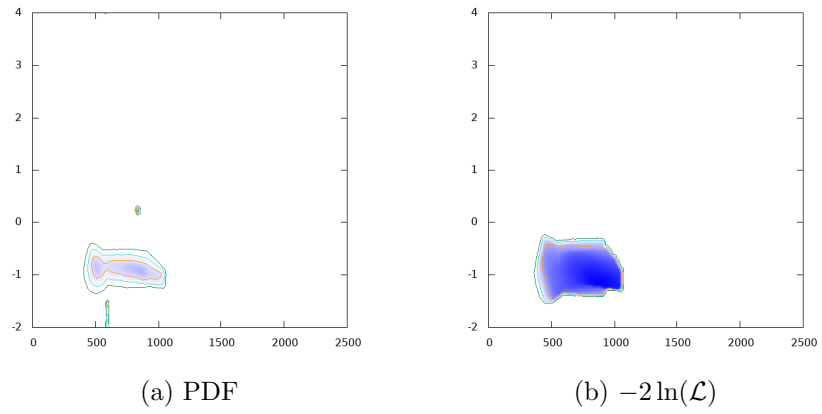


Figure 24: $\log_{10}\sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. m_A GeV

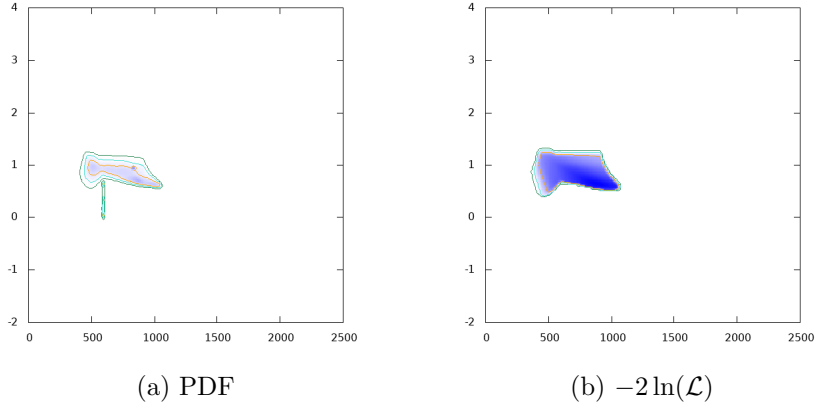


Figure 25: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb) vs. m_A GeV

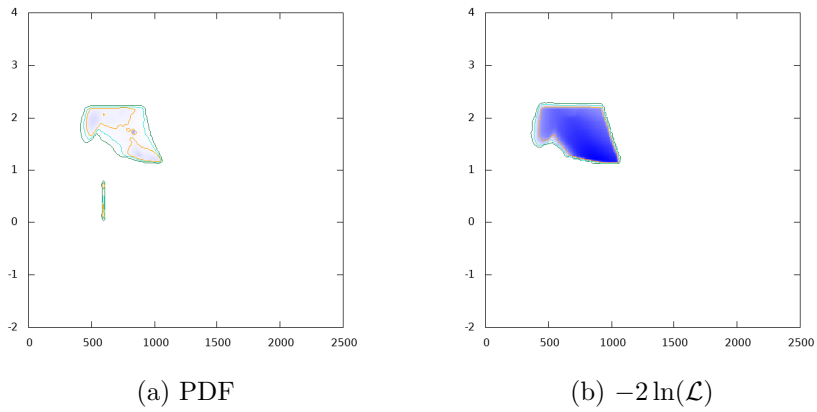


Figure 26: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. m_A GeV

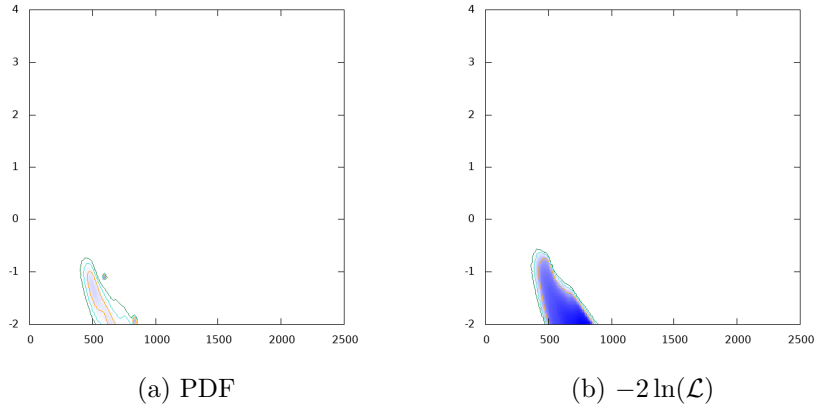


Figure 27: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb) vs. m_A GeV

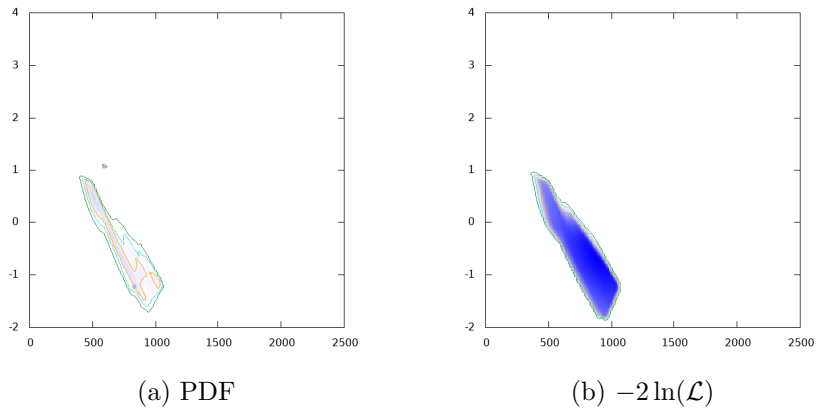


Figure 28: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb) vs. m_A GeV

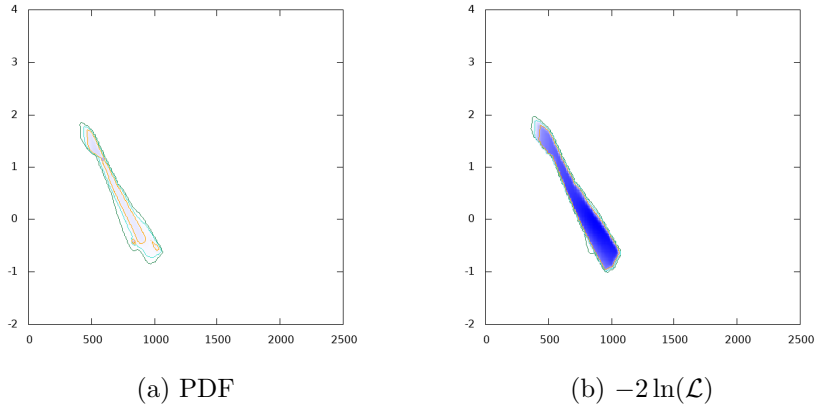


Figure 29: $\log_{10}\sigma(pp \rightarrow A \rightarrow \tau^+\tau^-)$ (fb) vs. m_A GeV

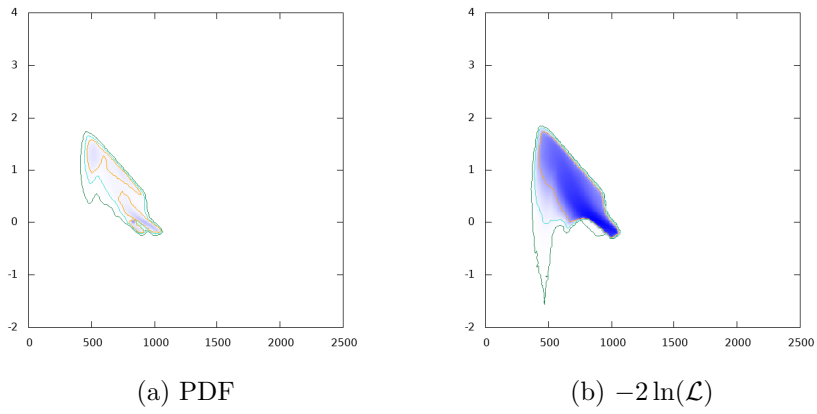


Figure 30: $\log_{10}\sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. m_A GeV

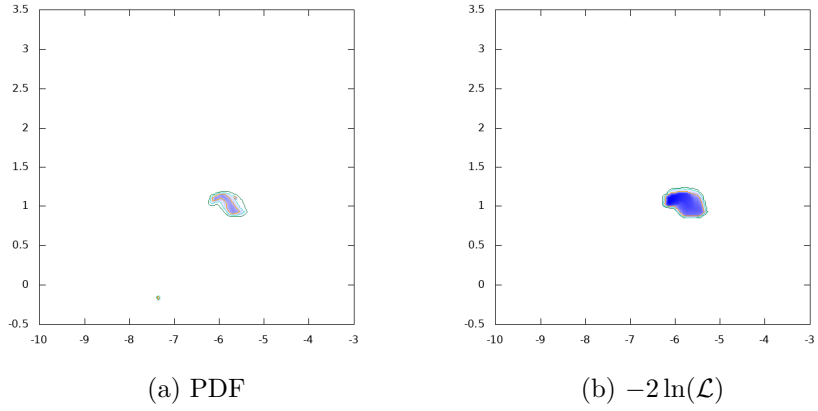


Figure 31: $\log_{10} \tan \beta$ vs. $\log_{10} |\delta a_\tau|$

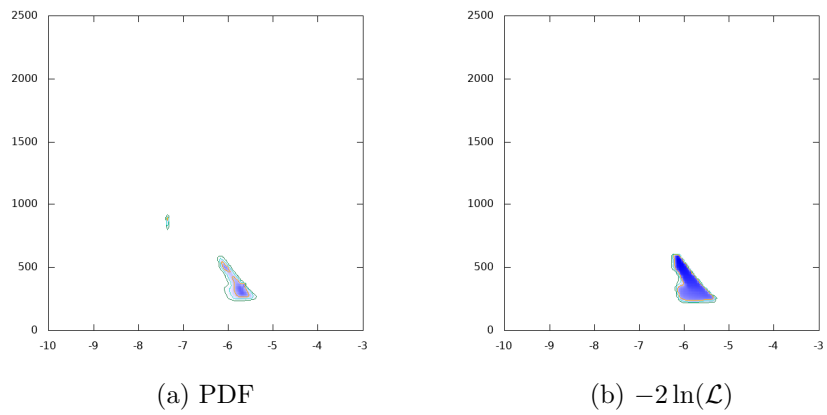


Figure 32: m_H GeV vs. $\log_{10} |\delta a_\tau|$

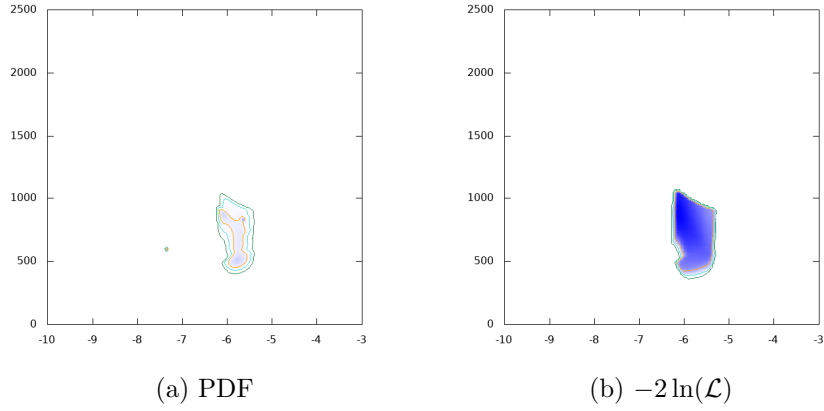


Figure 33: m_A GeV vs. $\log_{10}|\delta a_\tau|$

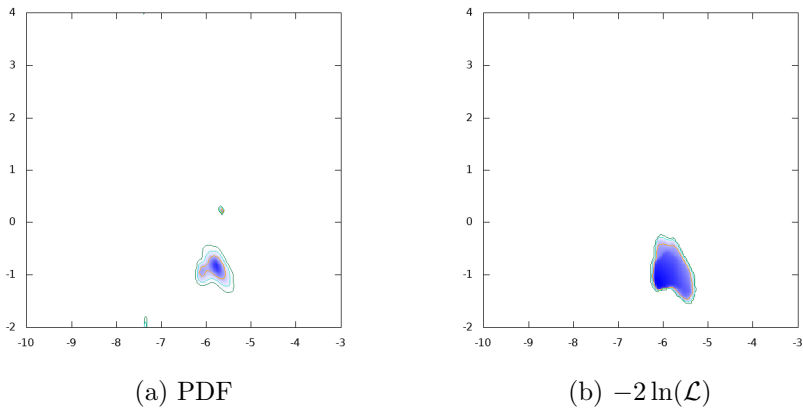


Figure 34: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10}|\delta a_\tau|$

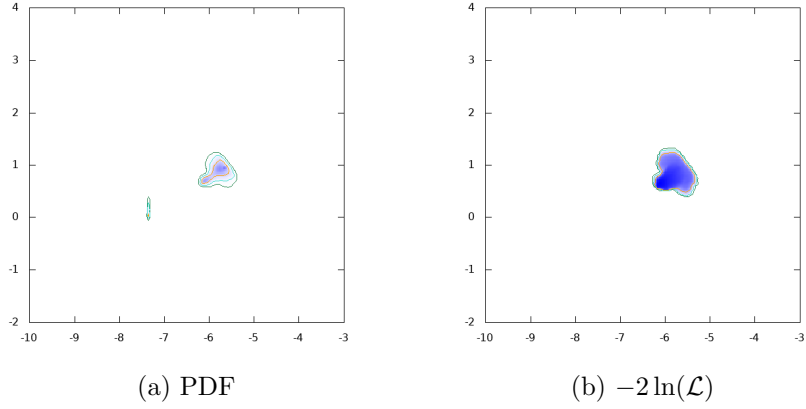


Figure 35: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb) vs. $\log_{10} |\delta a_\tau|$

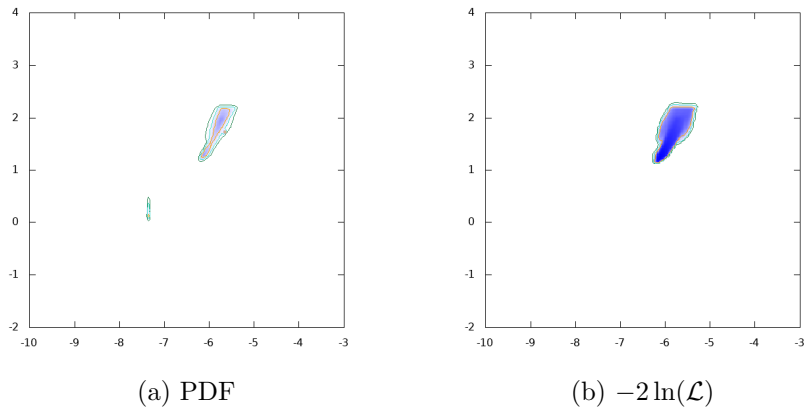


Figure 36: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} |\delta a_\tau|$

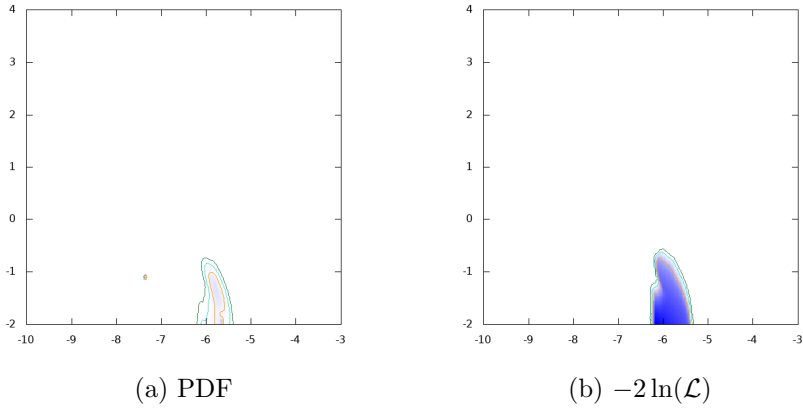


Figure 37: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb) vs. $\log_{10} |\delta a_\tau|$

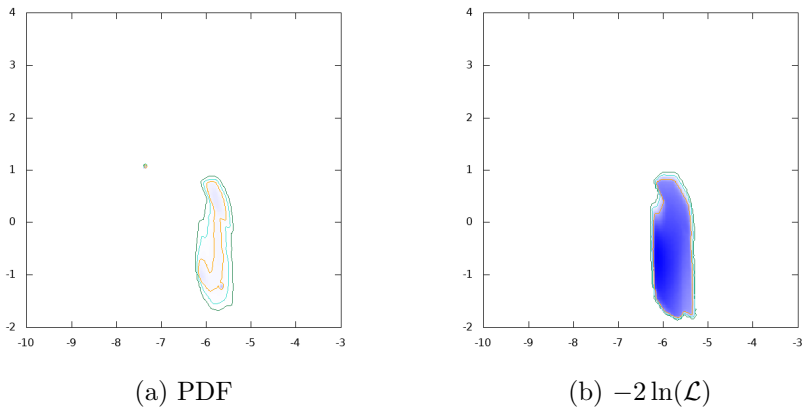


Figure 38: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} |\delta a_\tau|$

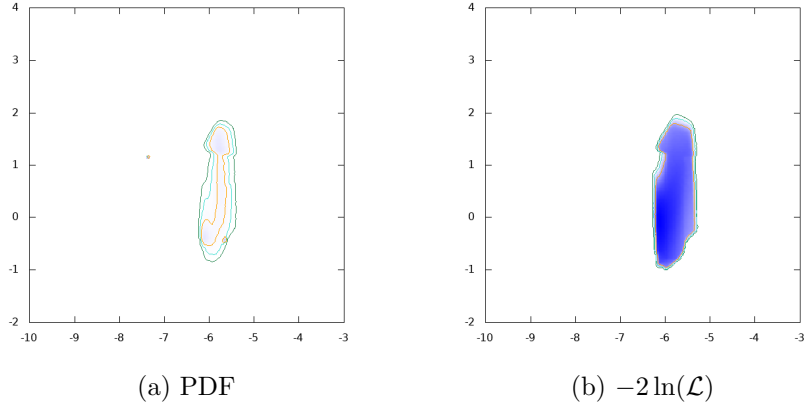


Figure 39: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} |\delta a_\tau|$

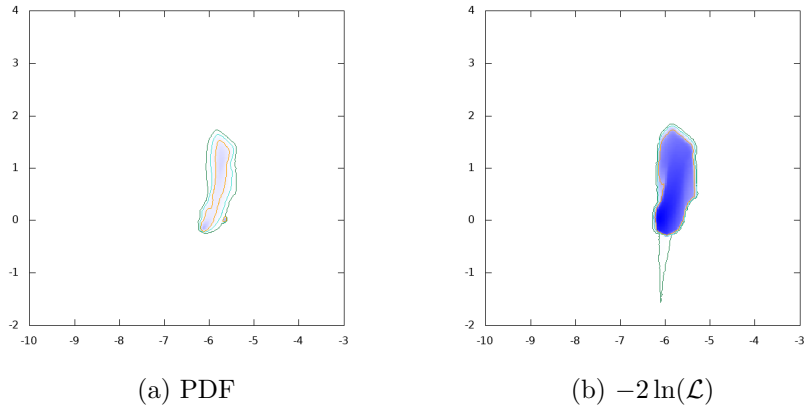


Figure 40: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} |\delta a_\tau|$

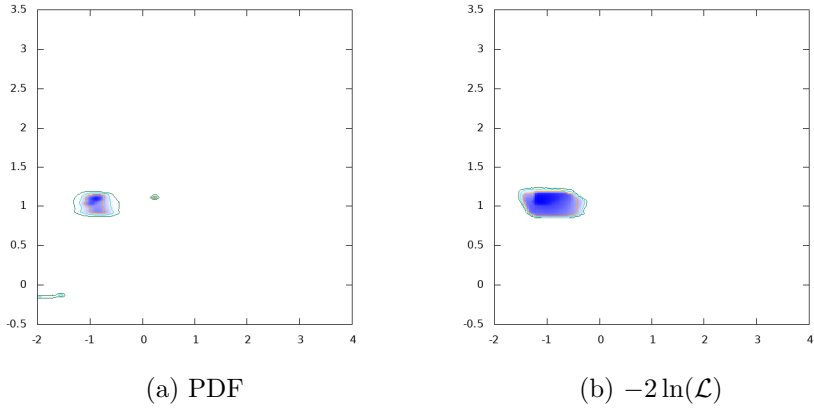


Figure 41: $\log_{10} \tan \beta$ vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb)

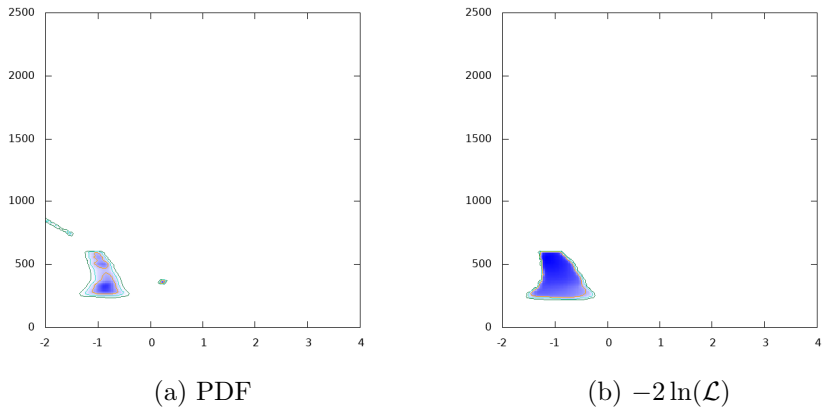


Figure 42: m_H GeV vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb)

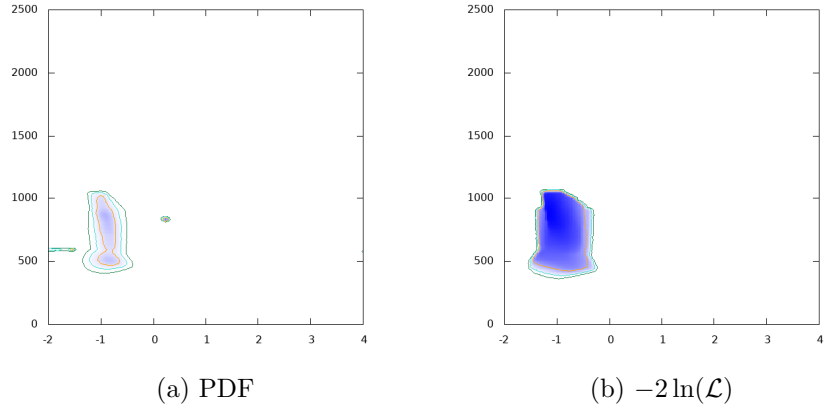


Figure 43: m_A GeV vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb)

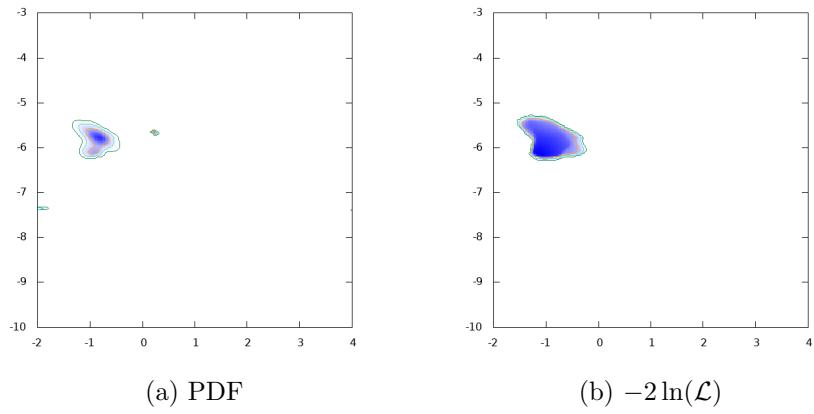


Figure 44: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb)

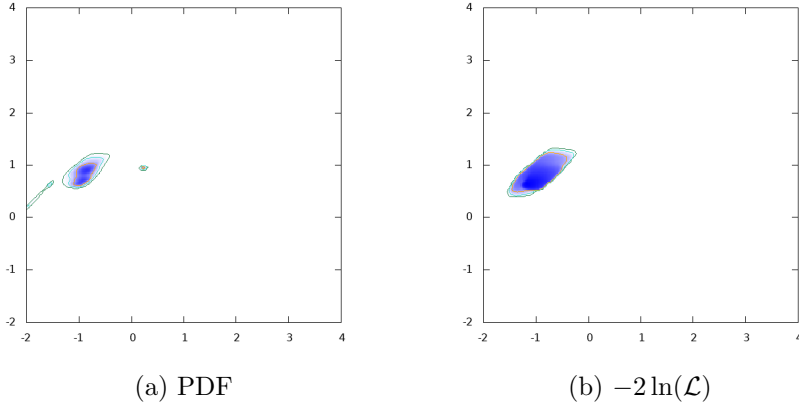


Figure 45: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+ e^-)$ (fb)

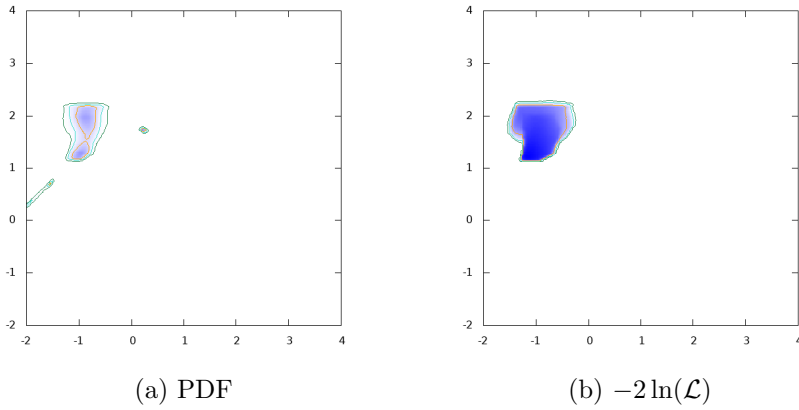


Figure 46: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+ e^-)$ (fb)

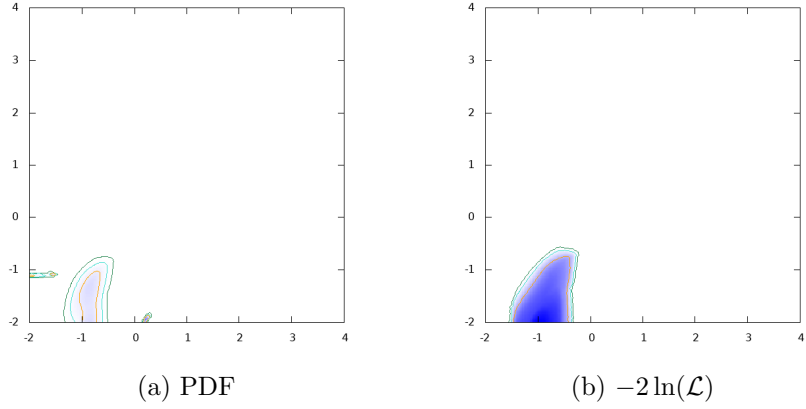


Figure 47: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb)

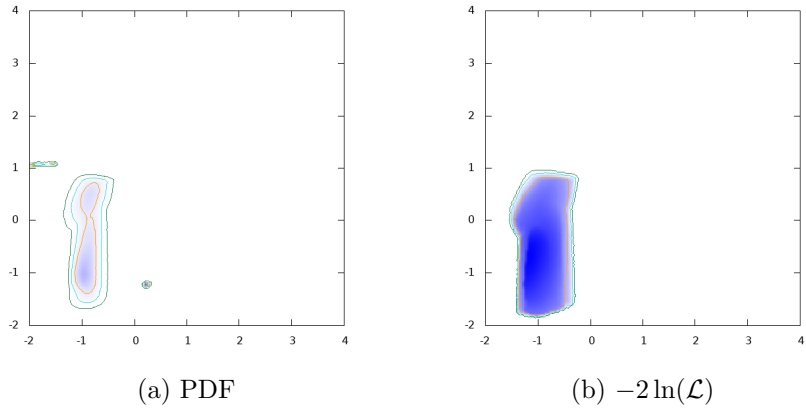


Figure 48: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb)

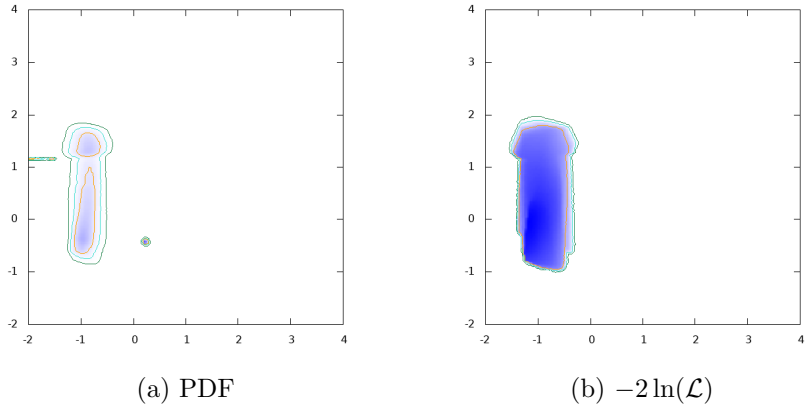


Figure 49: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+ e^-)$ (fb)

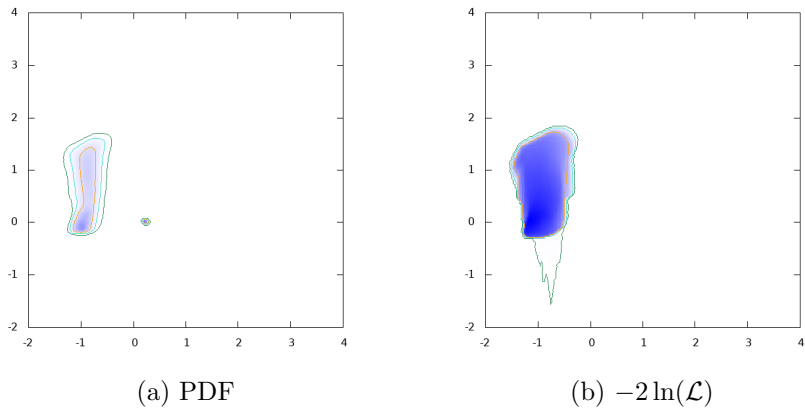


Figure 50: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+ e^-)$ (fb)

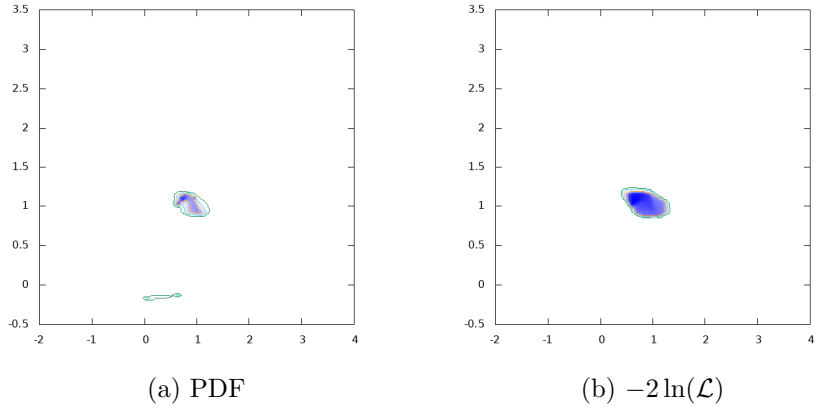


Figure 51: $\log_{10} \tan \beta$ vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb)

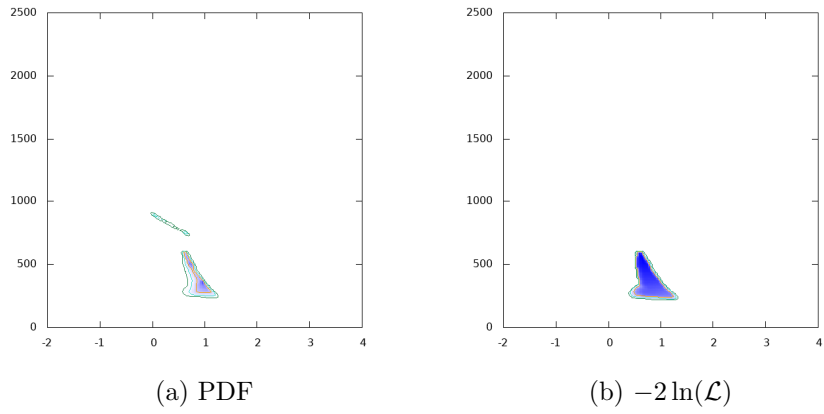


Figure 52: m_H GeV vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb)

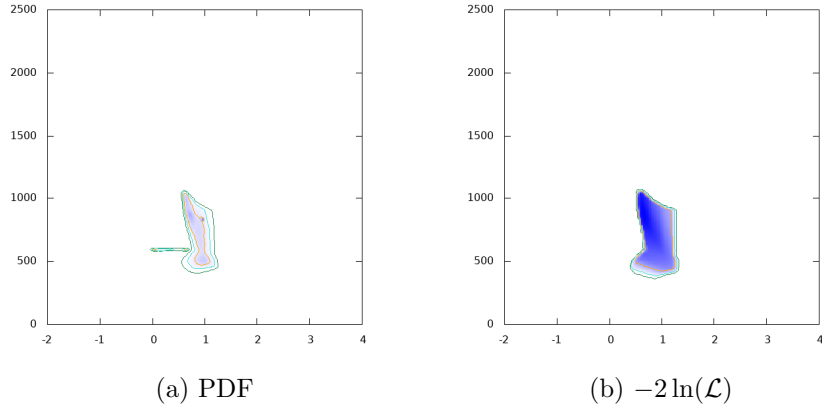


Figure 53: m_A GeV vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb)

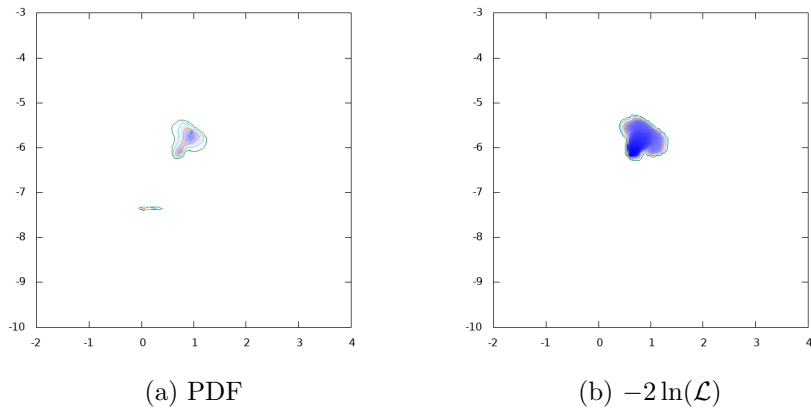


Figure 54: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb)

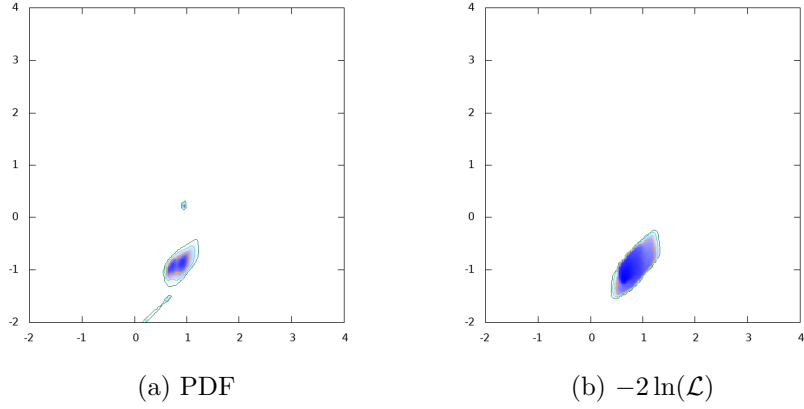


Figure 55: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb)

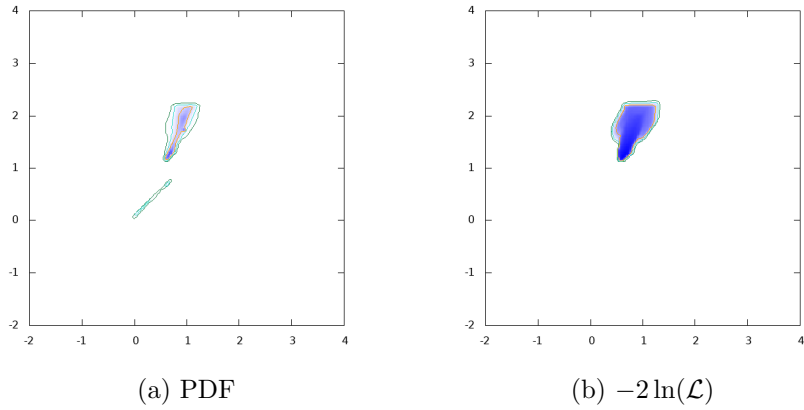


Figure 56: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+\tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb)

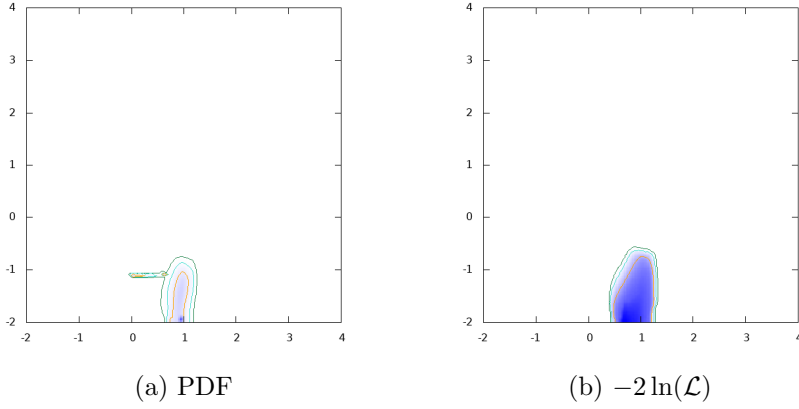


Figure 57: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb)

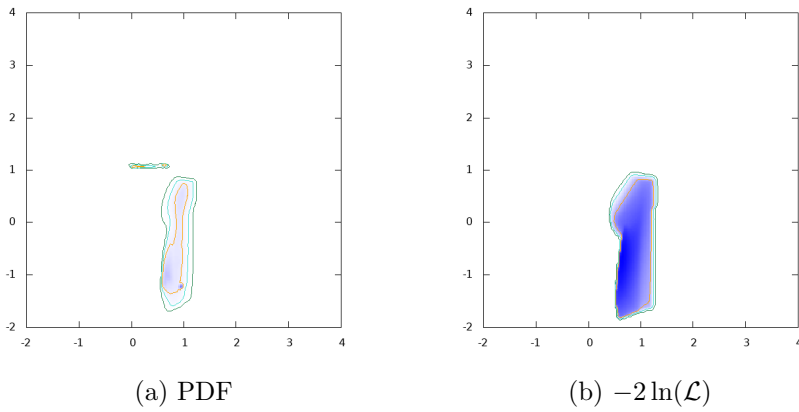


Figure 58: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb)

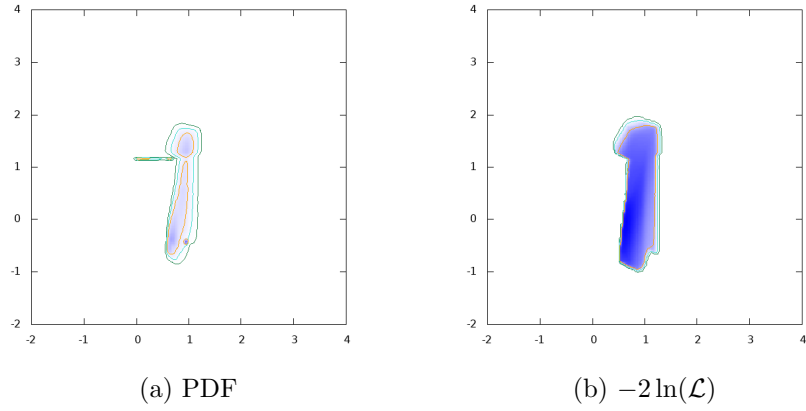


Figure 59: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb)

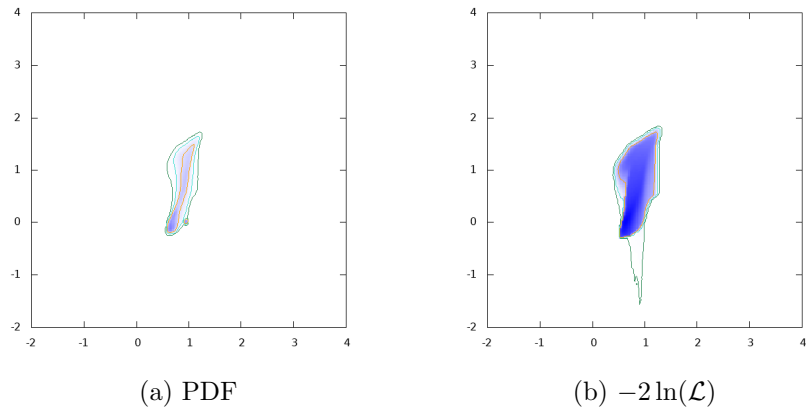


Figure 60: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+ \mu^-)$ (fb)

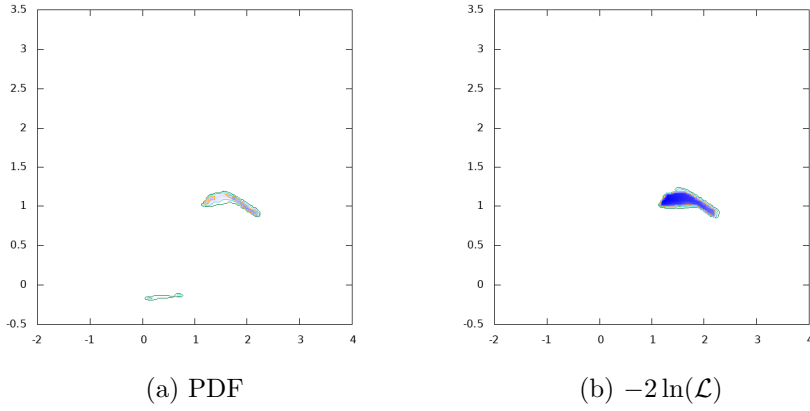


Figure 61: $\log_{10} \tan \beta$ vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb)

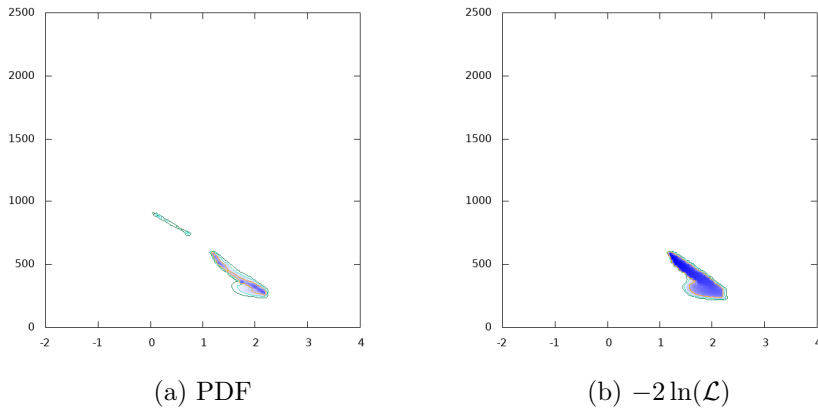


Figure 62: m_H GeV vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb)

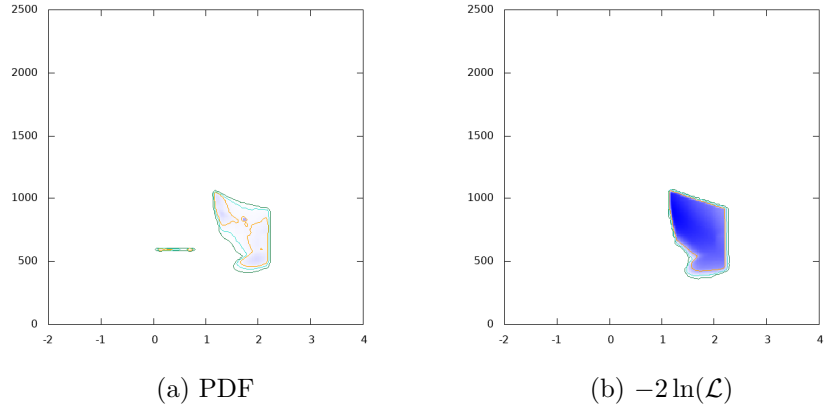


Figure 63: m_A GeV vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb)

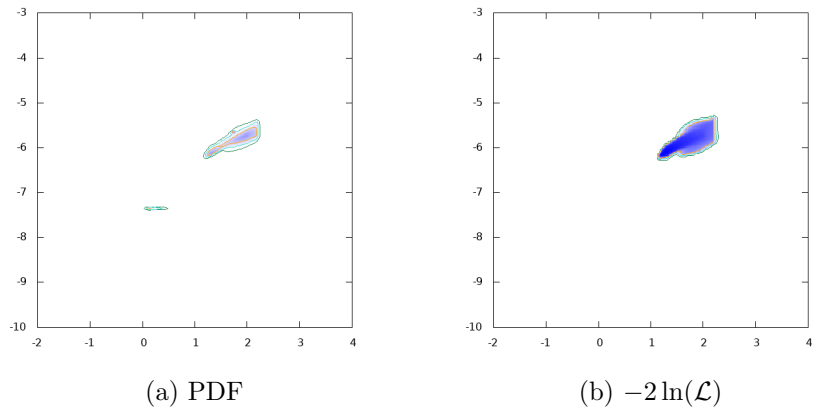


Figure 64: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb)

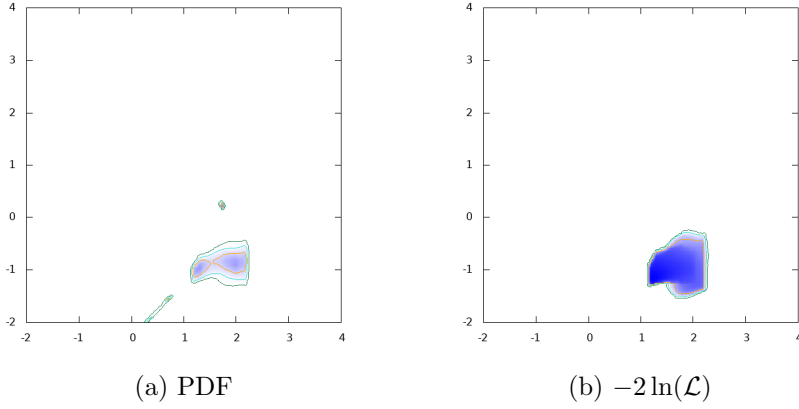


Figure 65: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+\tau^-)$ (fb)

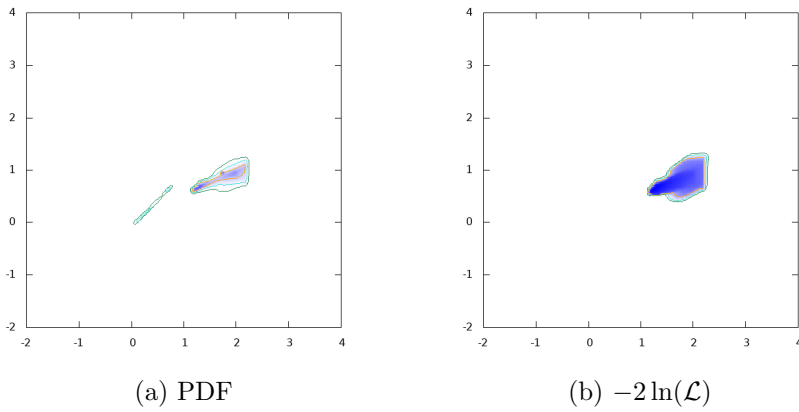


Figure 66: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+\tau^-)$ (fb)

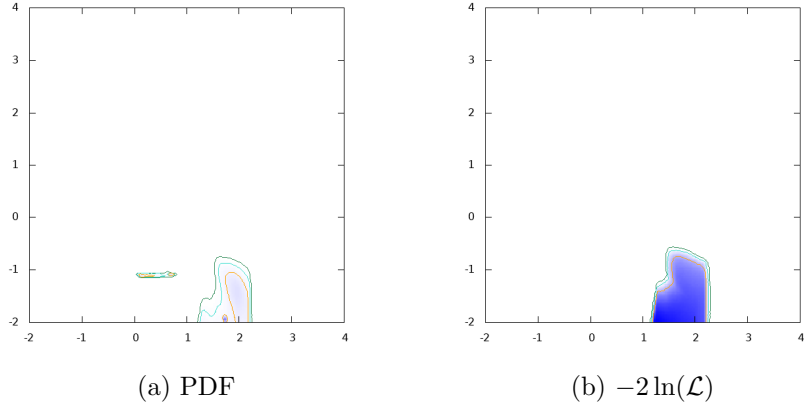


Figure 67: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+\tau^-)$ (fb)

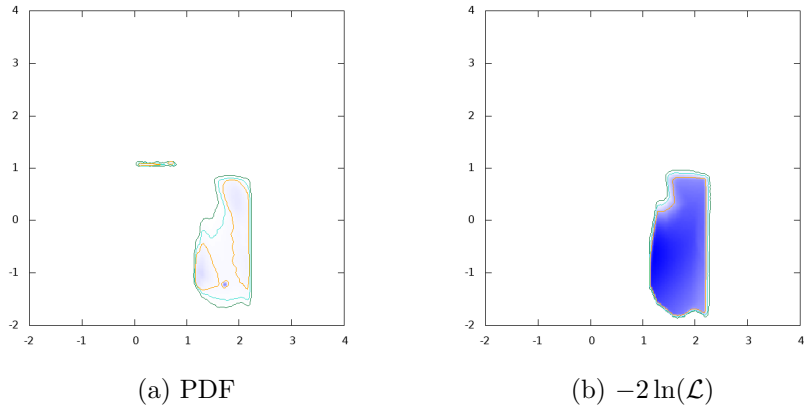


Figure 68: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+\tau^-)$ (fb)

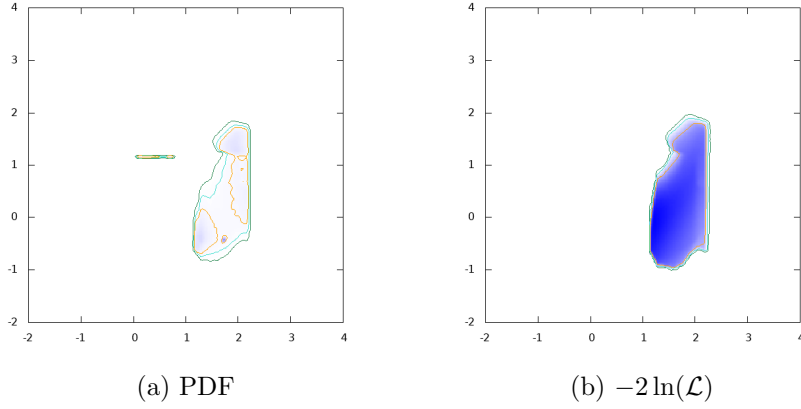


Figure 69: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb)

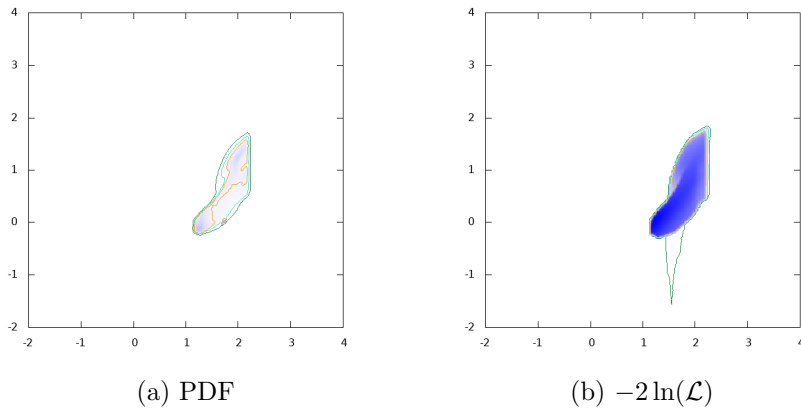


Figure 70: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb)

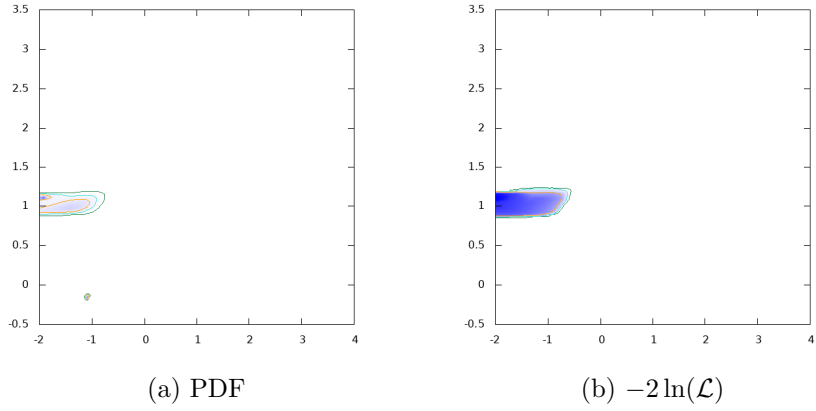


Figure 71: $\log_{10} \tan \beta$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb)

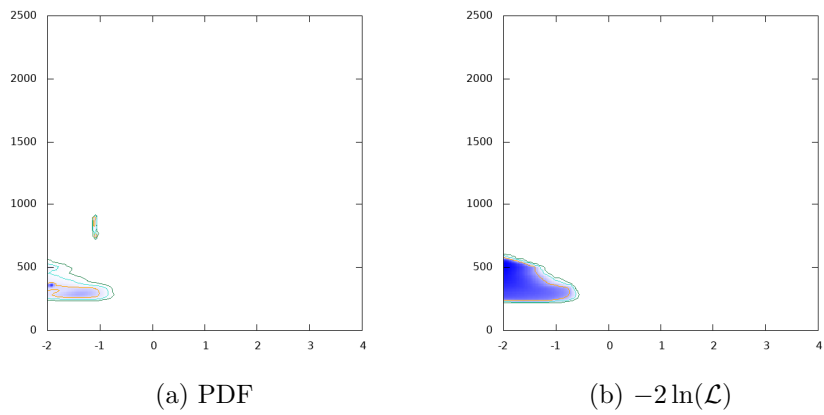


Figure 72: m_H GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb)

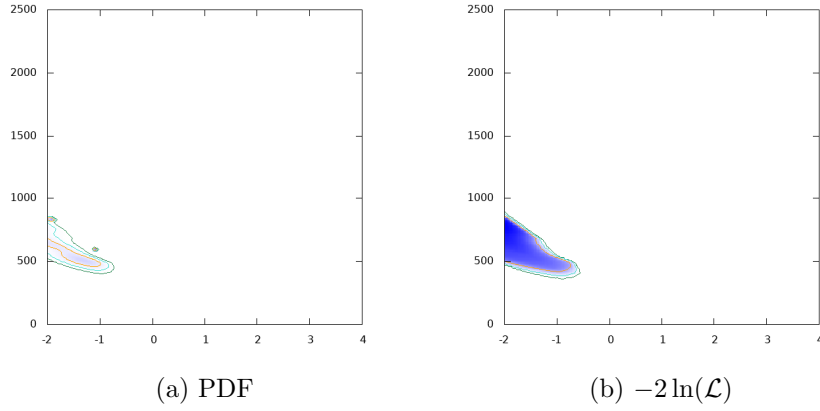


Figure 73: m_A GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb)

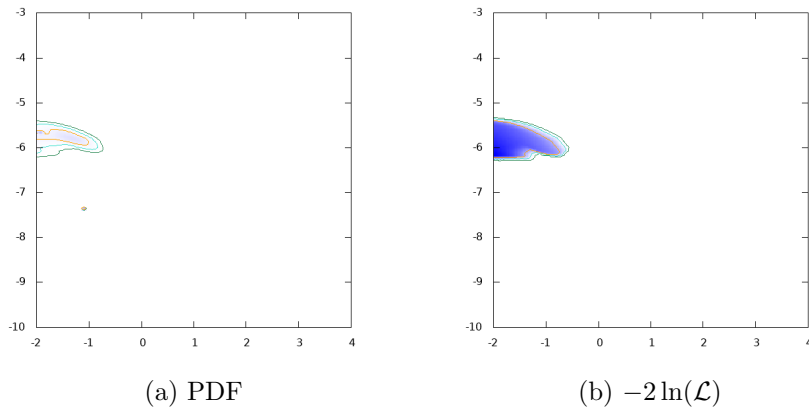


Figure 74: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb)

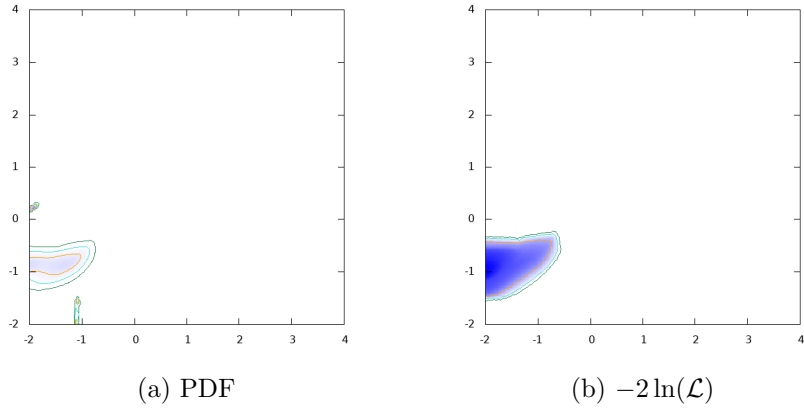


Figure 75: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb)

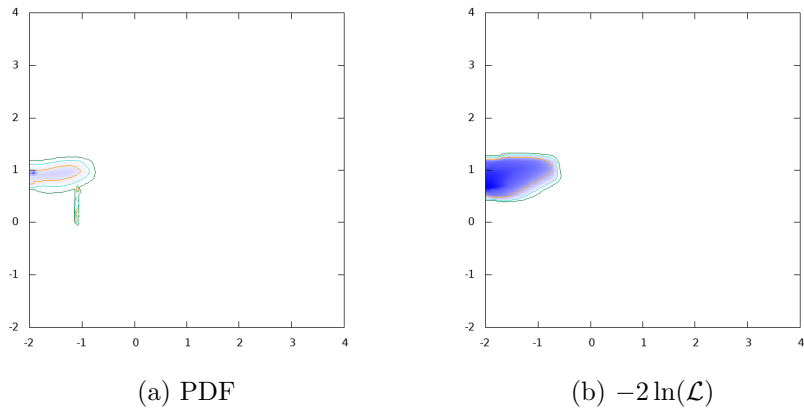


Figure 76: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+e^-)$ (fb)

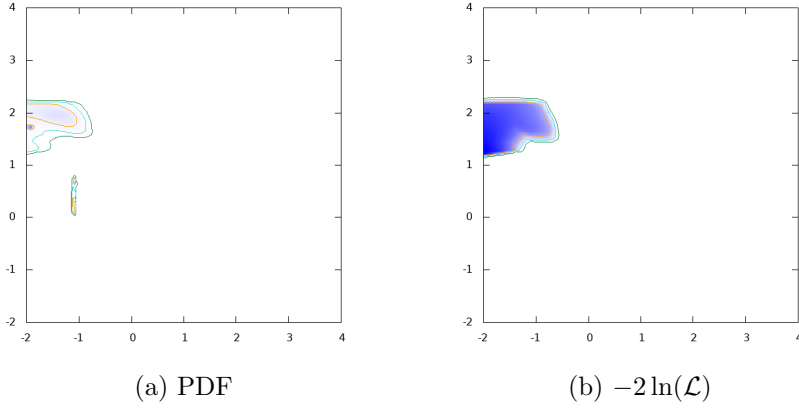


Figure 77: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+ e^-)$ (fb)

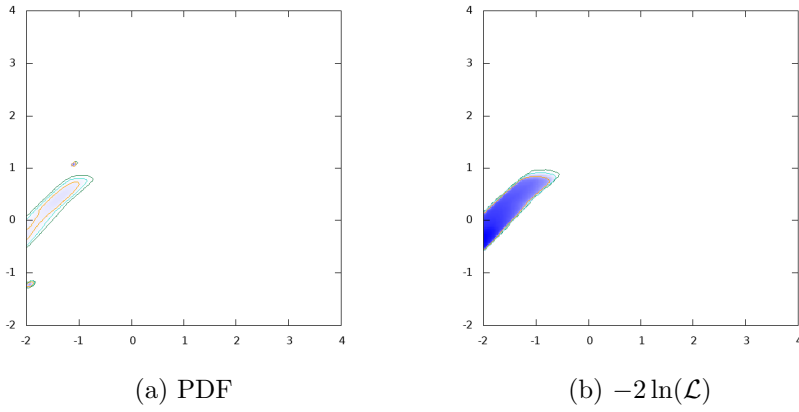


Figure 78: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+ e^-)$ (fb)

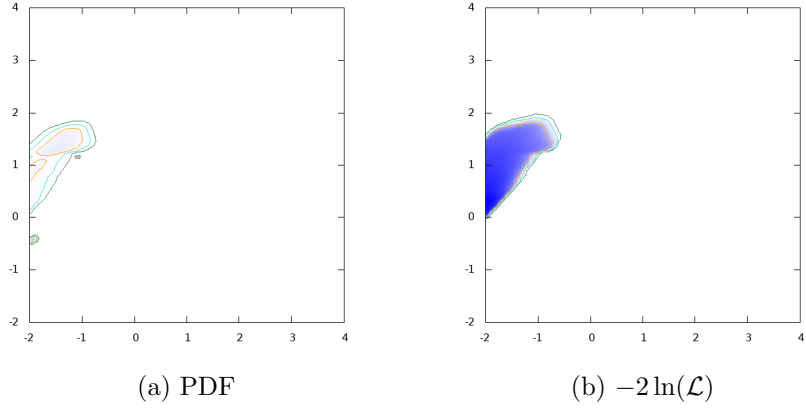


Figure 79: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+ e^-)$ (fb)

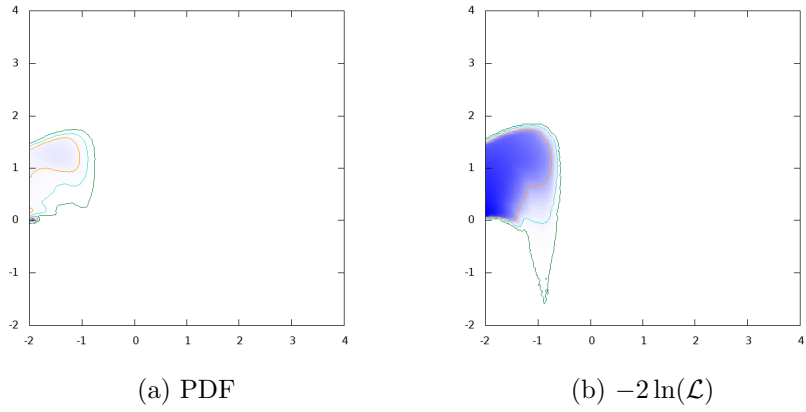


Figure 80: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+ e^-)$ (fb)

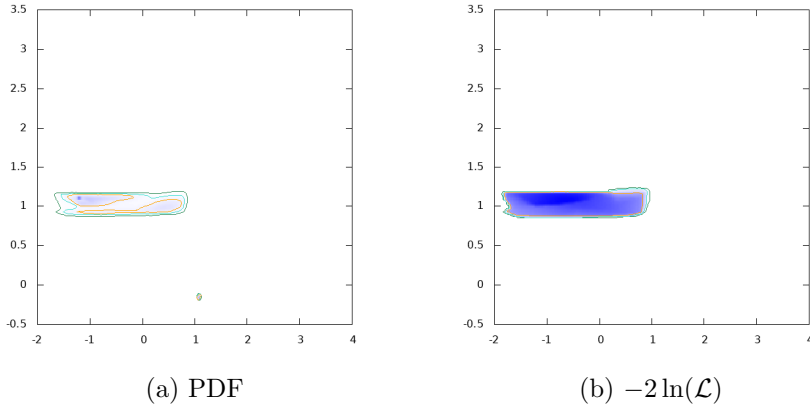


Figure 81: $\log_{10} \tan \beta$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

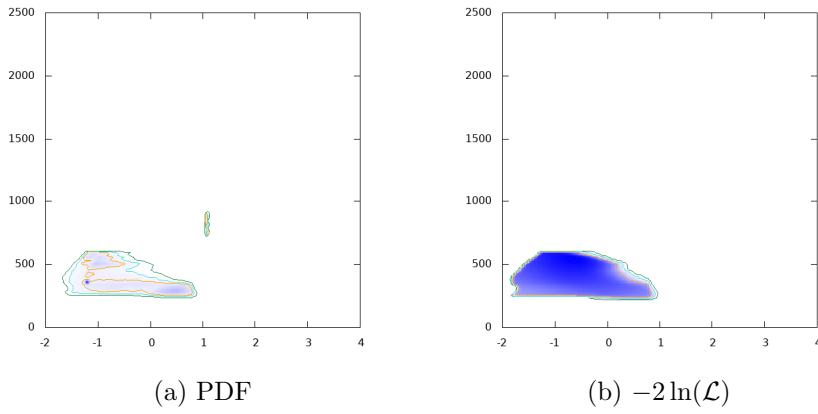


Figure 82: m_H GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

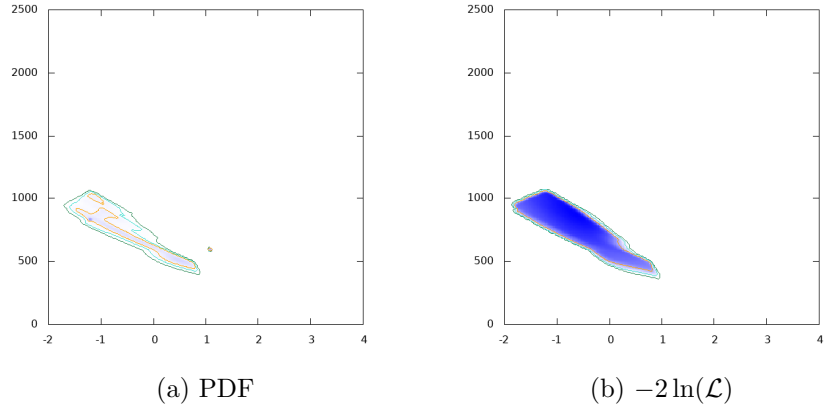


Figure 83: m_A GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

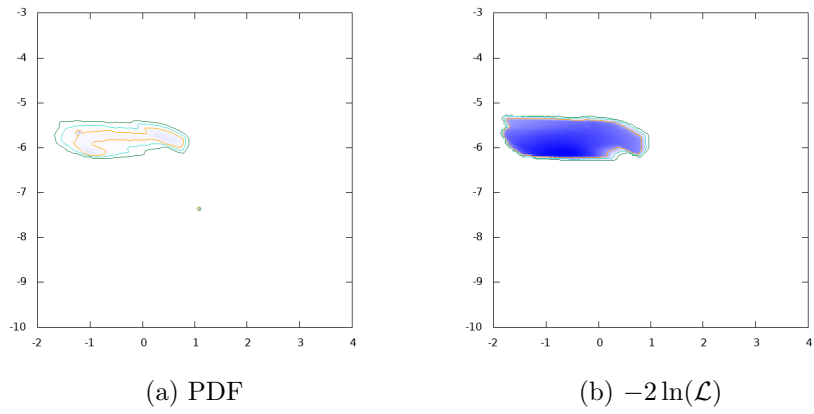


Figure 84: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

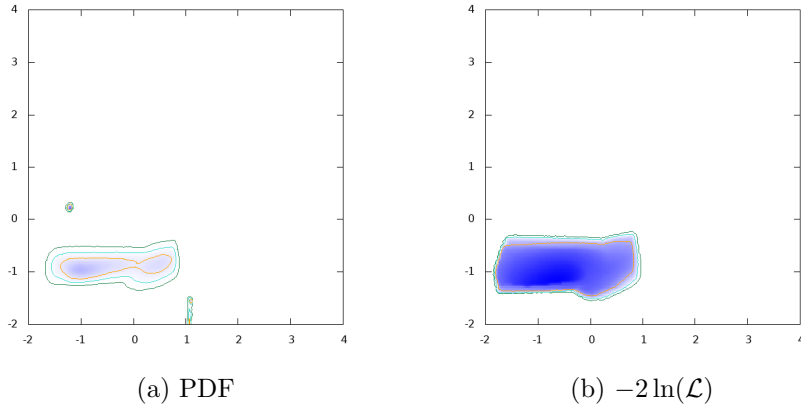


Figure 85: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb)

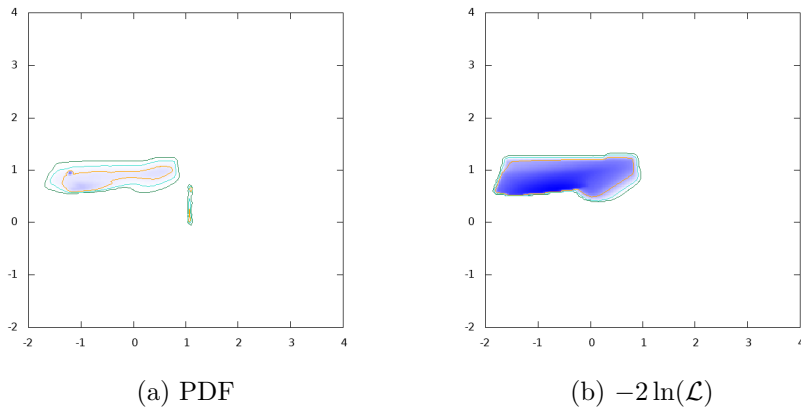


Figure 86: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+\mu^-)$ (fb)

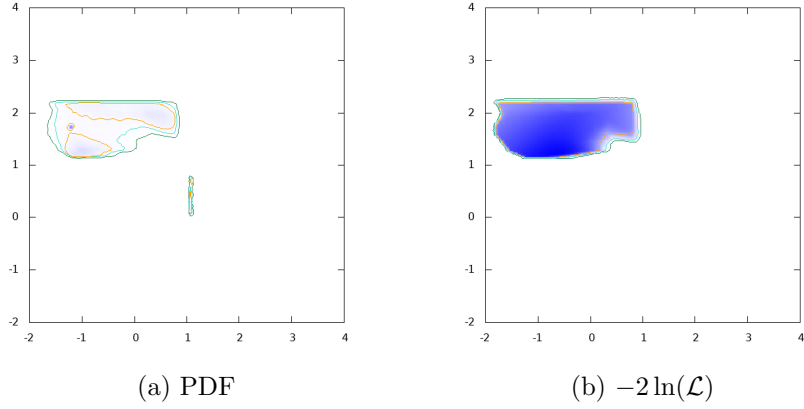


Figure 87: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

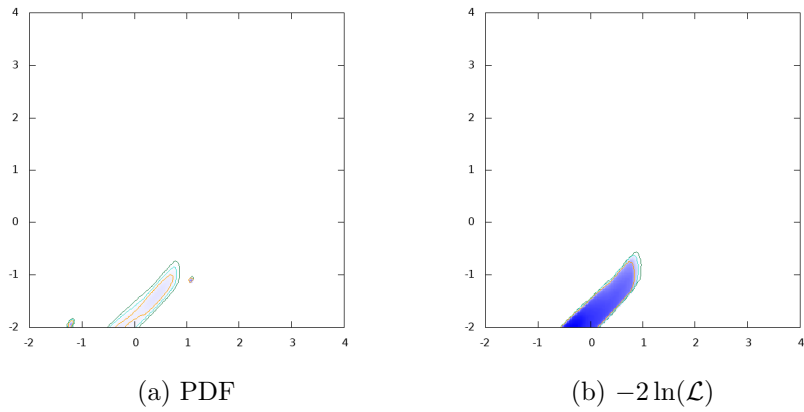


Figure 88: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+ e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

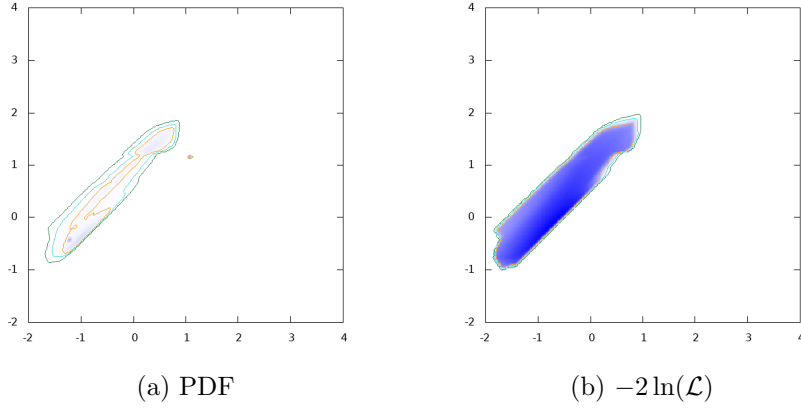


Figure 89: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

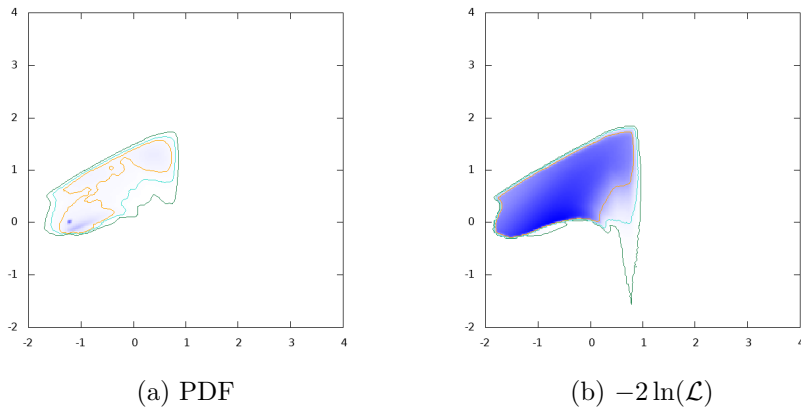


Figure 90: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb)

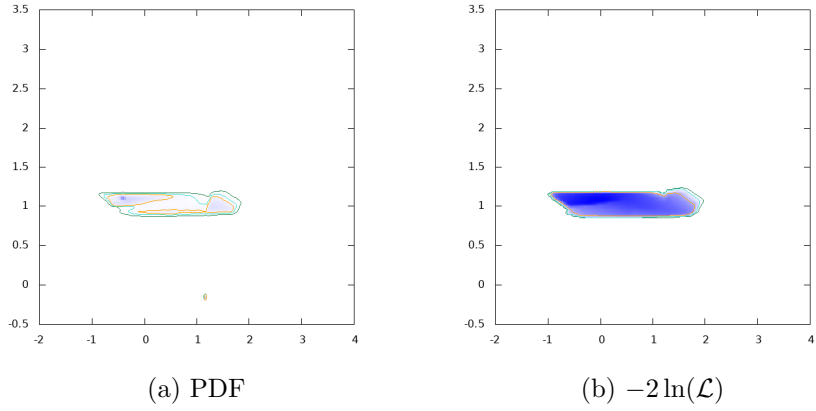


Figure 91: $\log_{10} \tan \beta$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

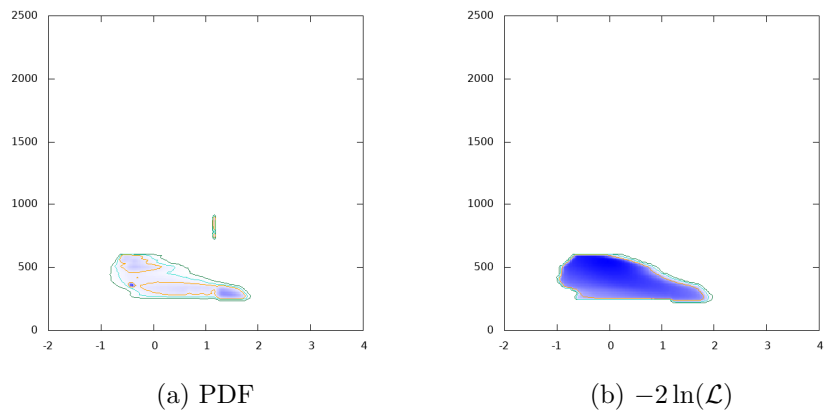


Figure 92: m_H GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

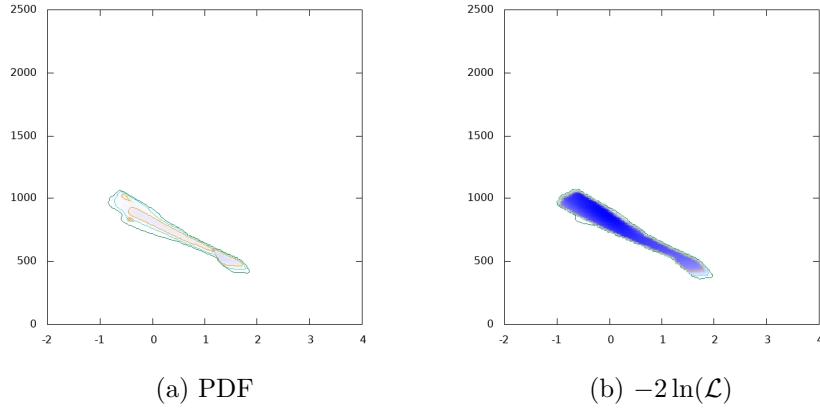


Figure 93: m_A GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

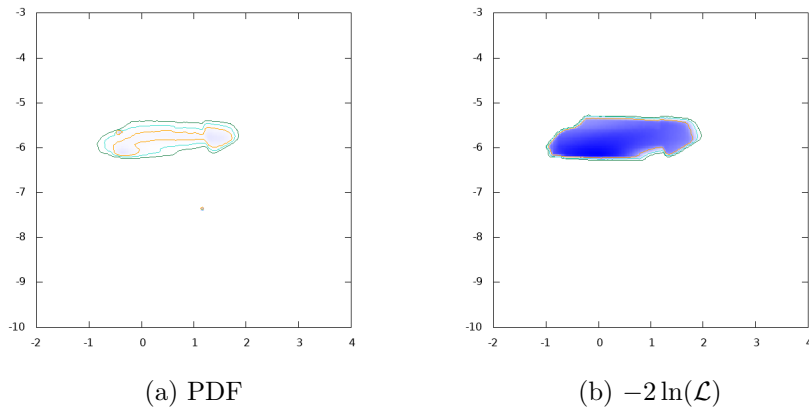


Figure 94: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

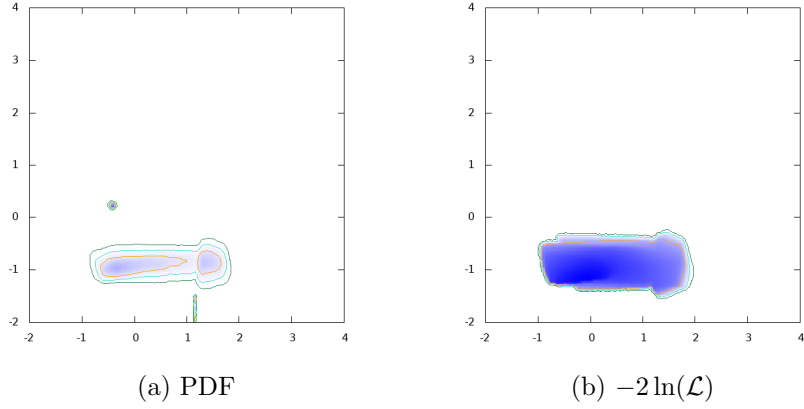


Figure 95: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+\tau^-)$ (fb)

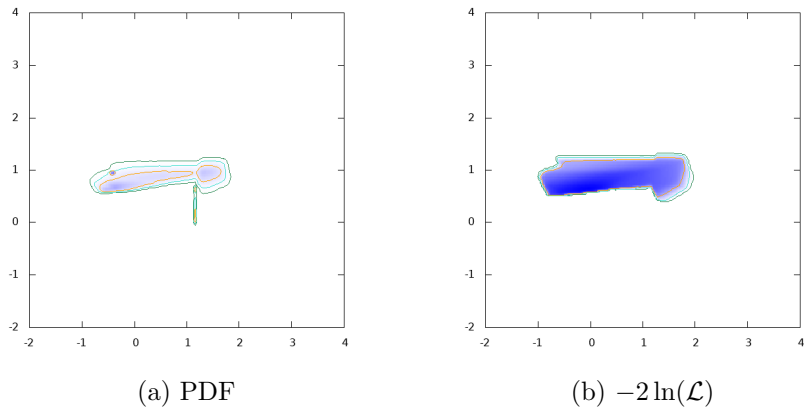


Figure 96: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+\tau^-)$ (fb)

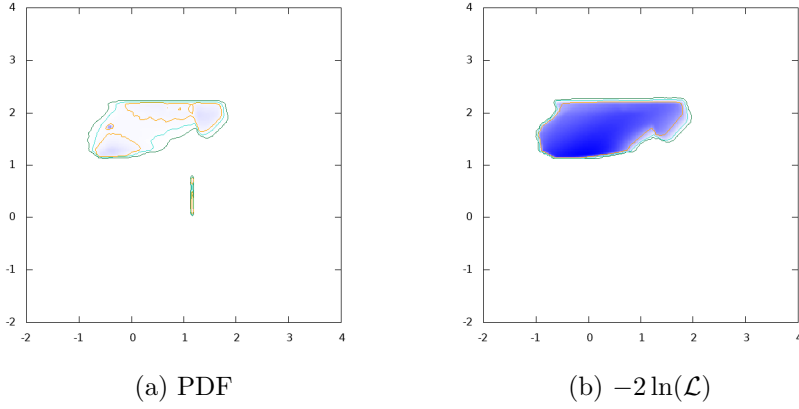


Figure 97: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

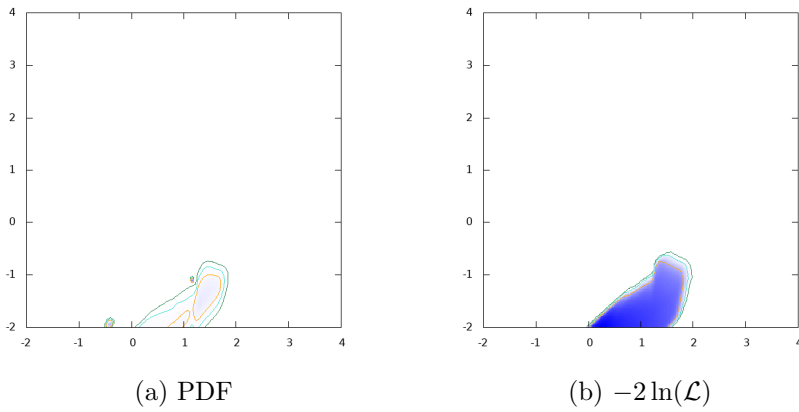


Figure 98: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+ e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

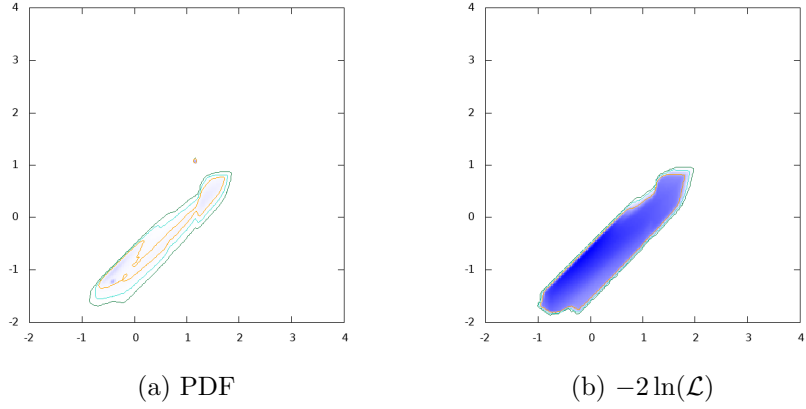


Figure 99: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

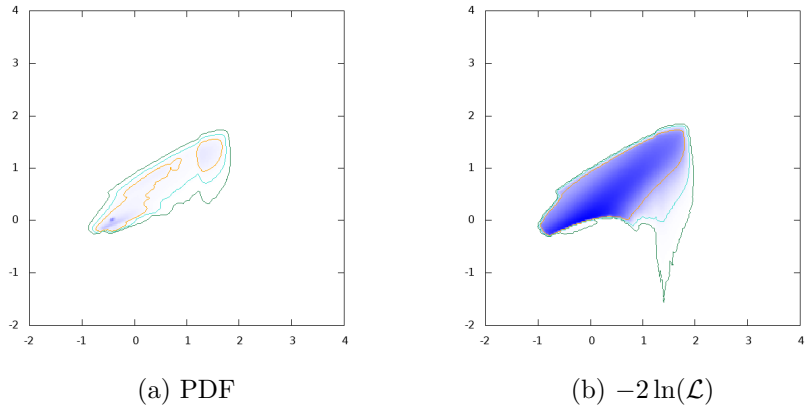


Figure 100: $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb)

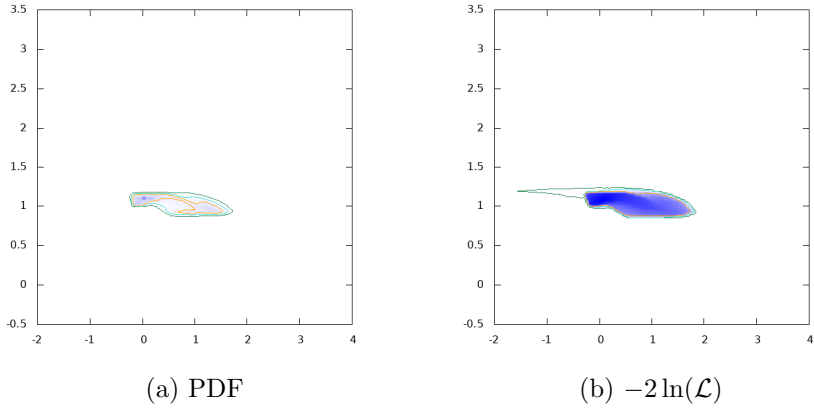


Figure 101: $\log_{10} \tan \beta$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

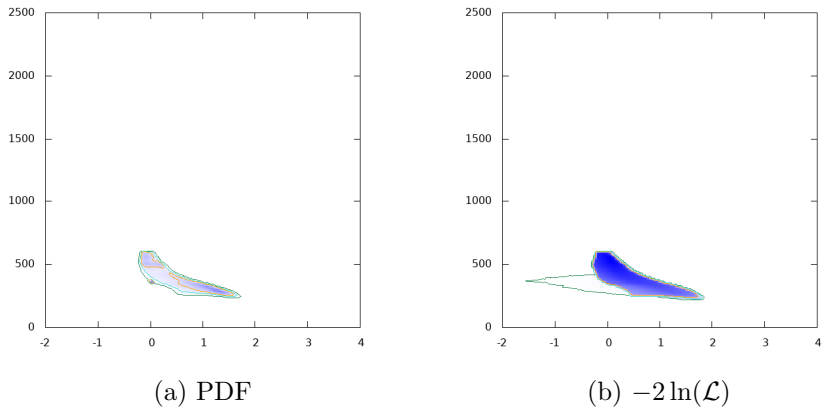


Figure 102: m_H GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

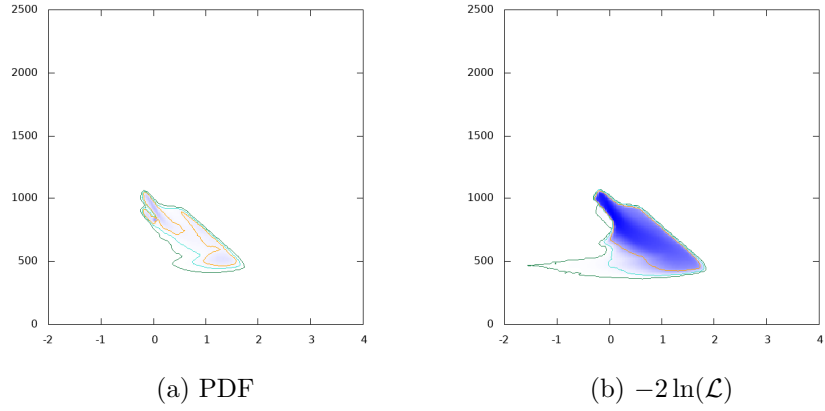


Figure 103: m_A GeV vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

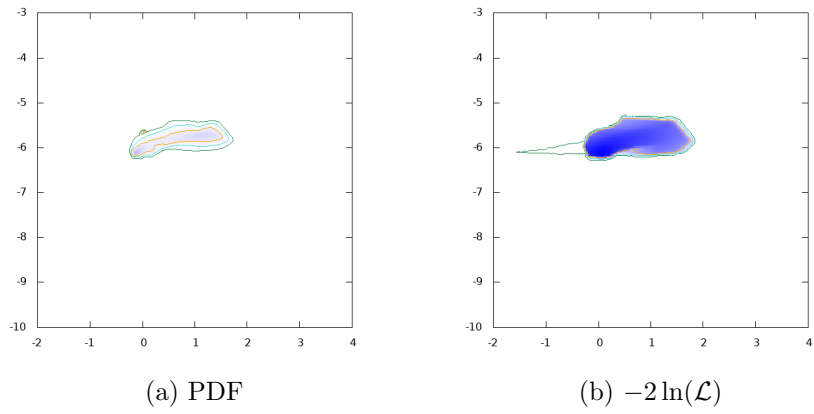


Figure 104: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

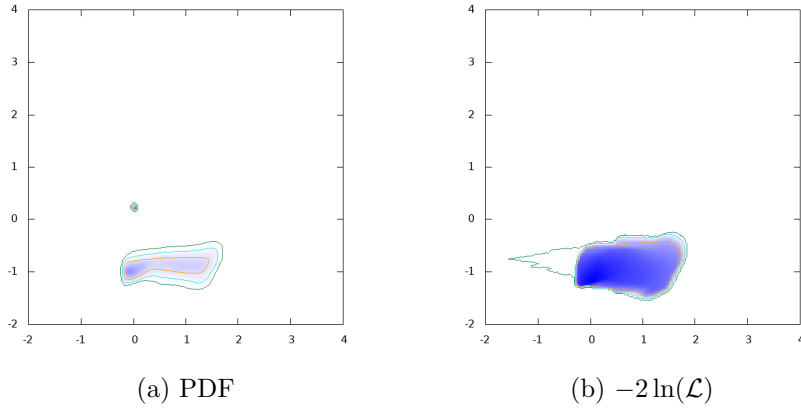


Figure 105: $\log_{10} \sigma(pp \rightarrow H \rightarrow e^+e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

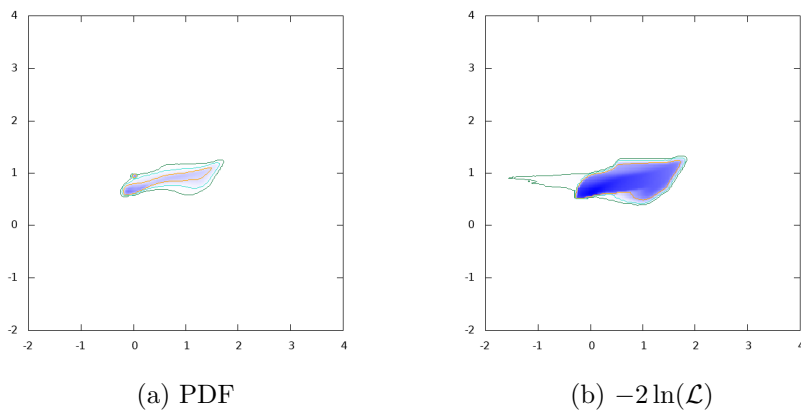


Figure 106: $\log_{10} \sigma(pp \rightarrow H \rightarrow \mu^+\mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

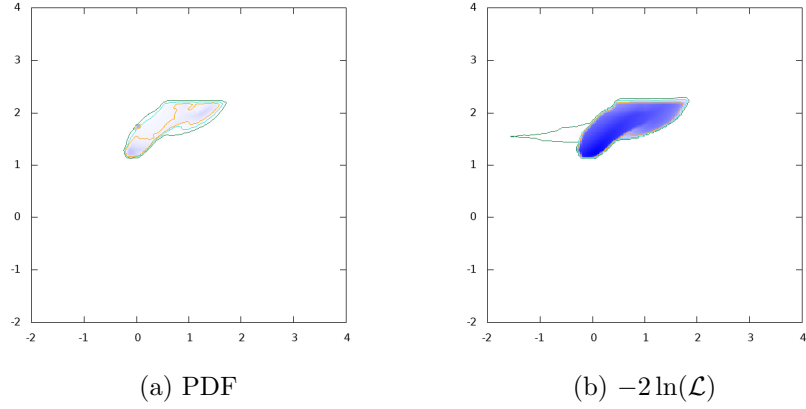


Figure 107: $\log_{10} \sigma(pp \rightarrow H \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

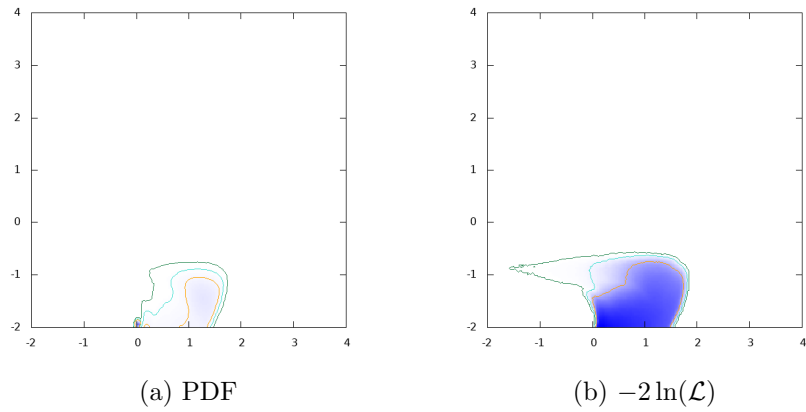


Figure 108: $\log_{10} \sigma(pp \rightarrow A \rightarrow e^+ e^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

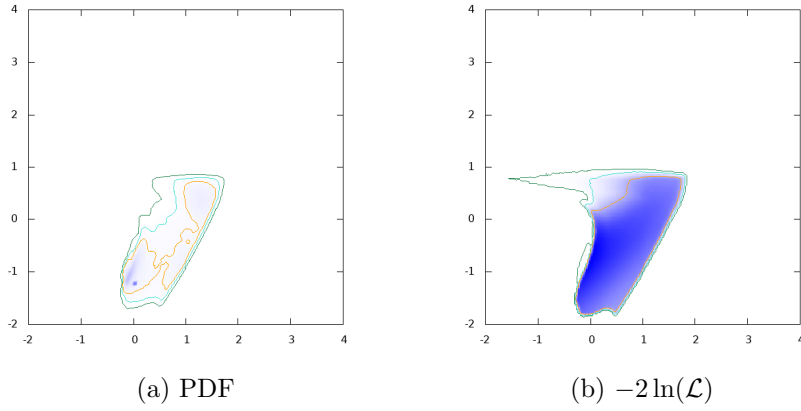


Figure 109: $\log_{10} \sigma(pp \rightarrow A \rightarrow \mu^+ \mu^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)

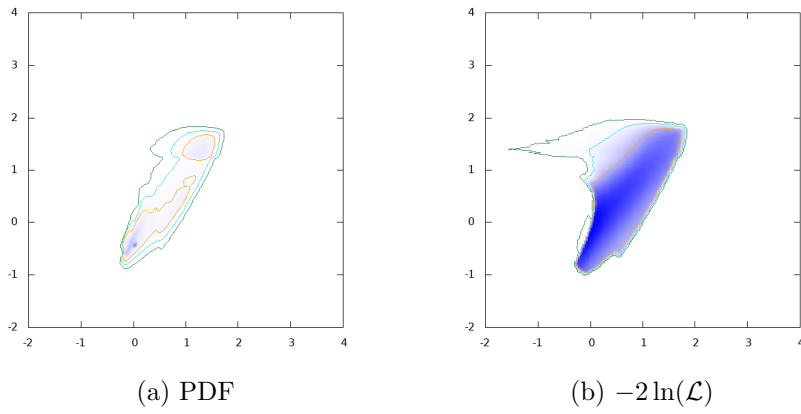


Figure 110: $\log_{10} \sigma(pp \rightarrow A \rightarrow \tau^+ \tau^-)$ (fb) vs. $\log_{10} \sigma(pp \rightarrow A \rightarrow HZ)$ (fb)