Two-dimensional plots - Summary group 2

February 21, 2022

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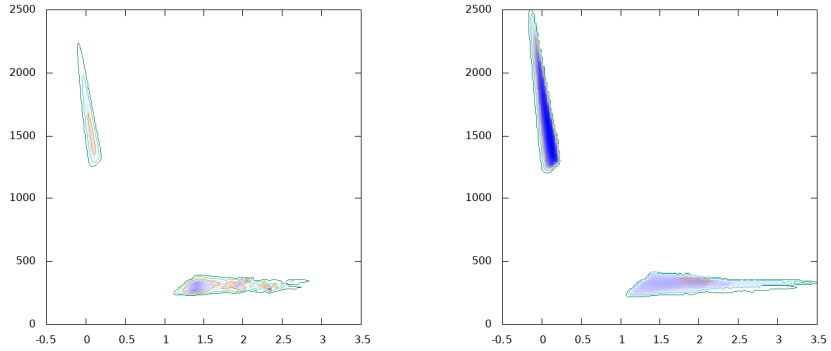
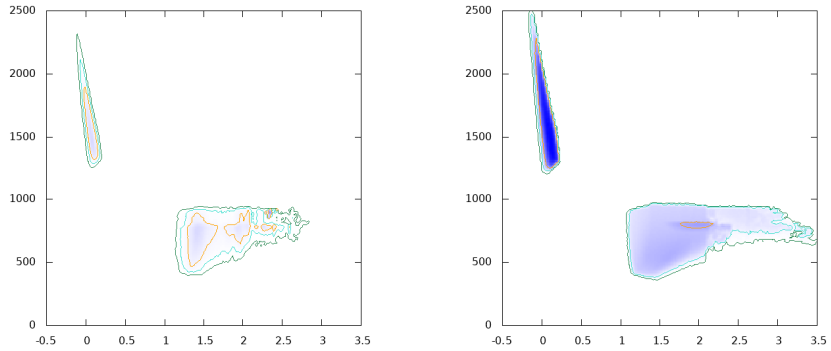


(a) PDF (b) $-2\ln(\mathcal{L})$

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



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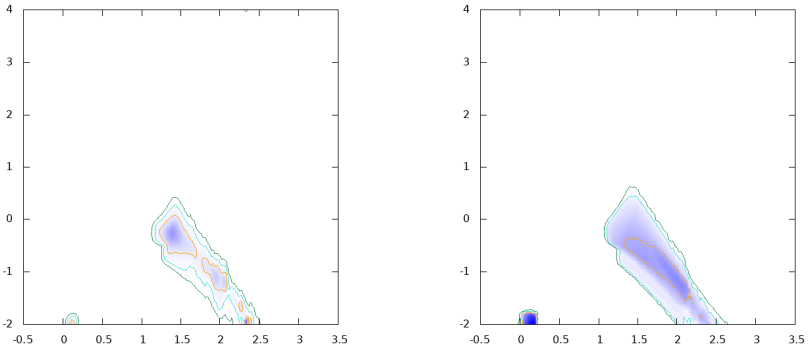

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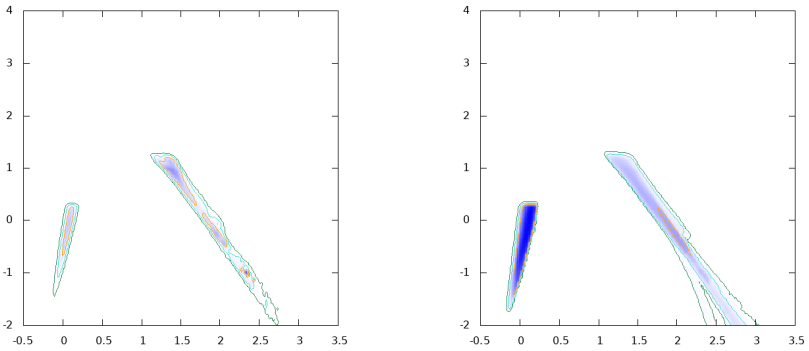
Figure 3: $\log_{10}\sigma(pp \to H \to e^+e^-)$ (fb) vs. $\log_{10}\tan\beta$



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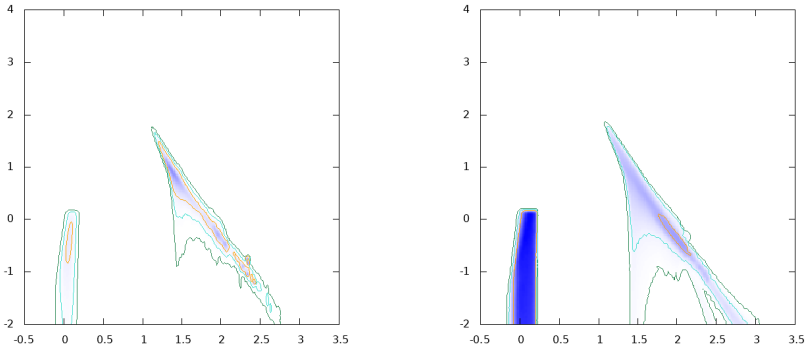

(a) PDF (b) $-2\ln(\mathcal{L})$

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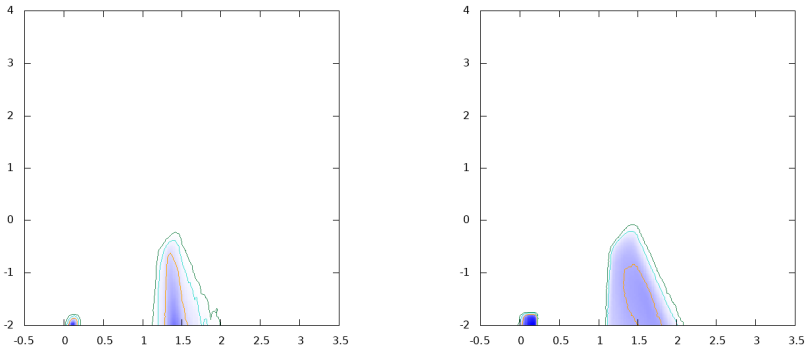

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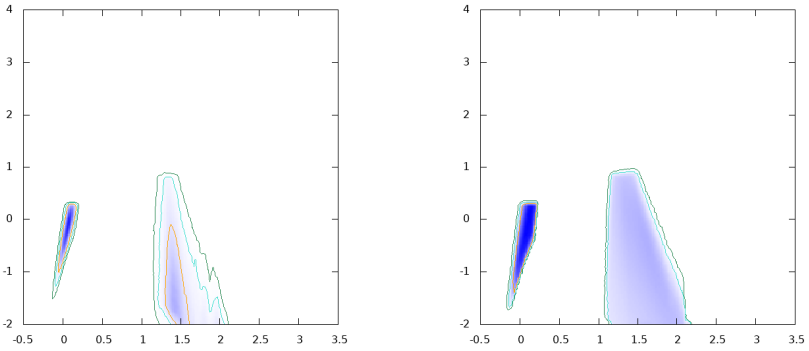

(a) PDF (b) $-2\ln(\mathcal{L})$

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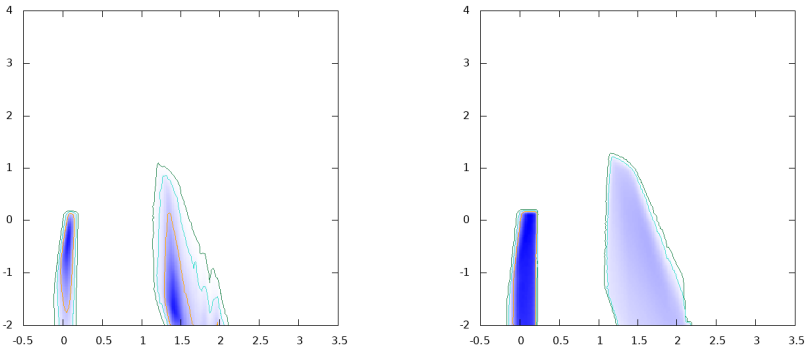

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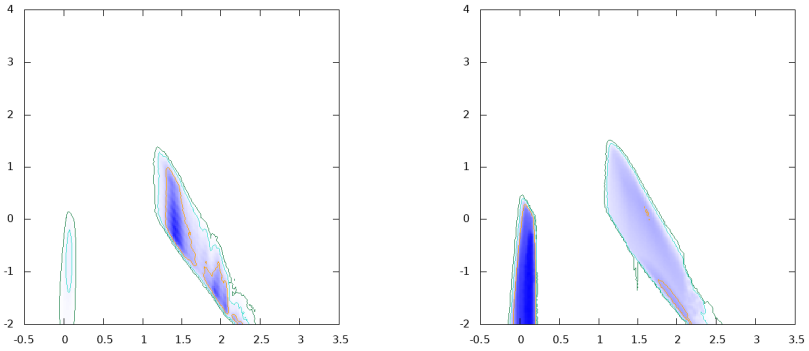

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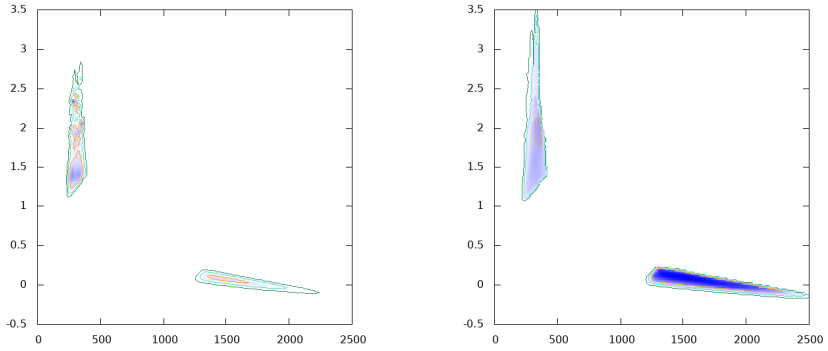

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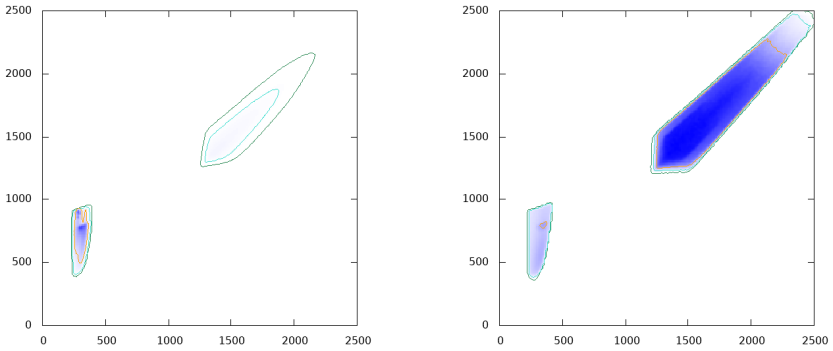

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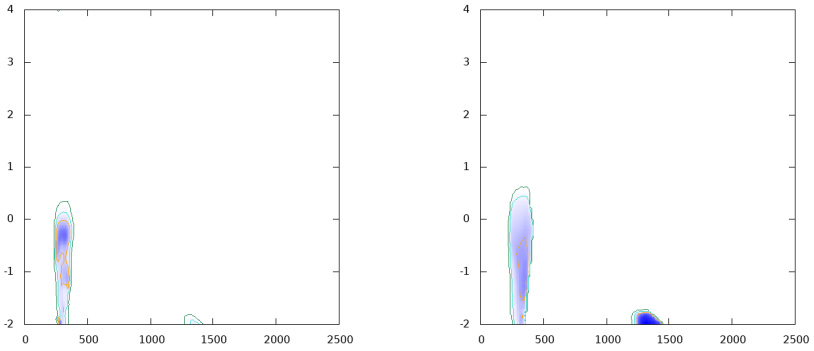

(a) PDF (b) $-2\ln(\mathcal{L})$

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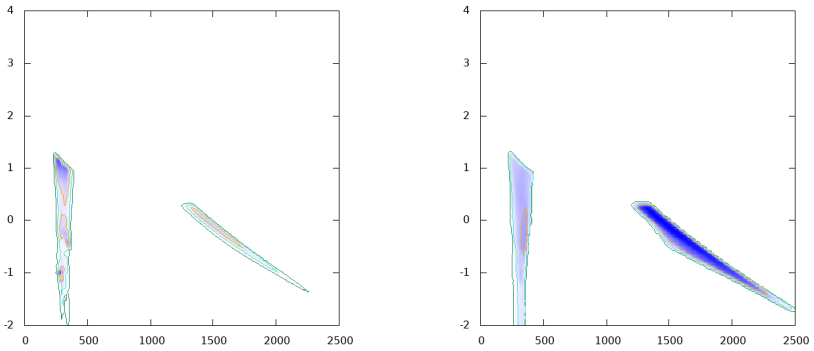

(a) PDF (b) $-2\ln(\mathcal{L})$

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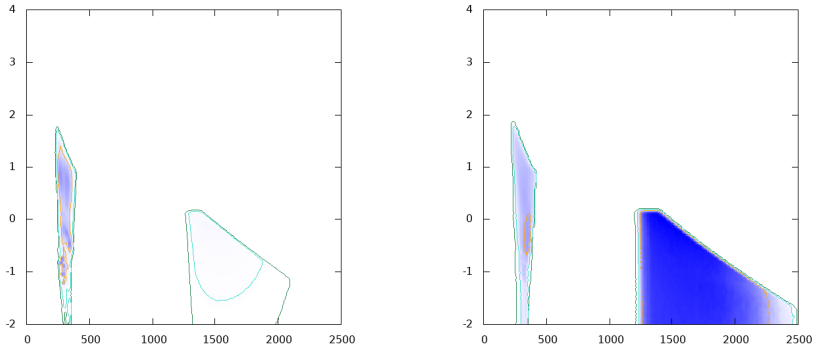

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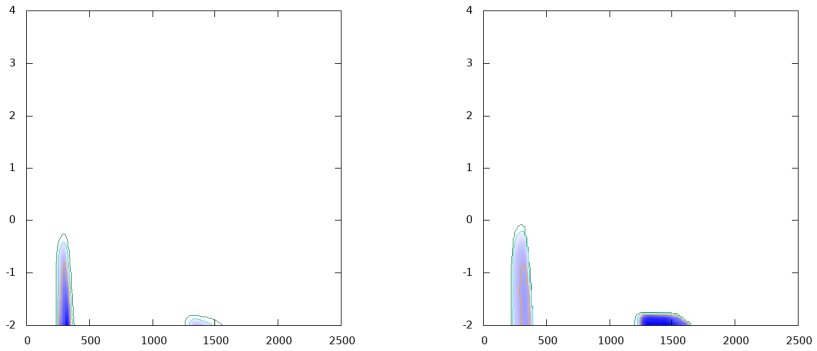

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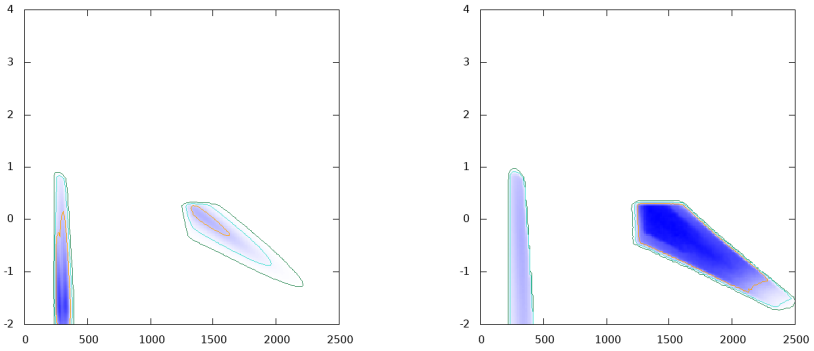

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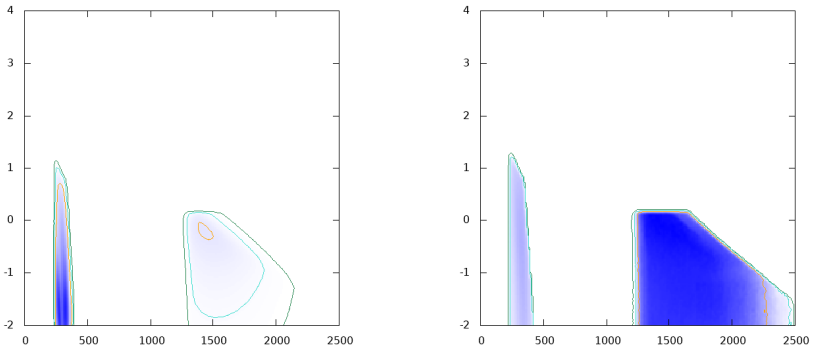

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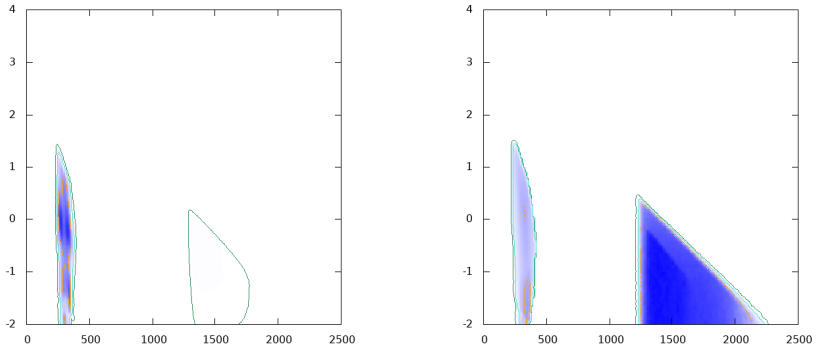

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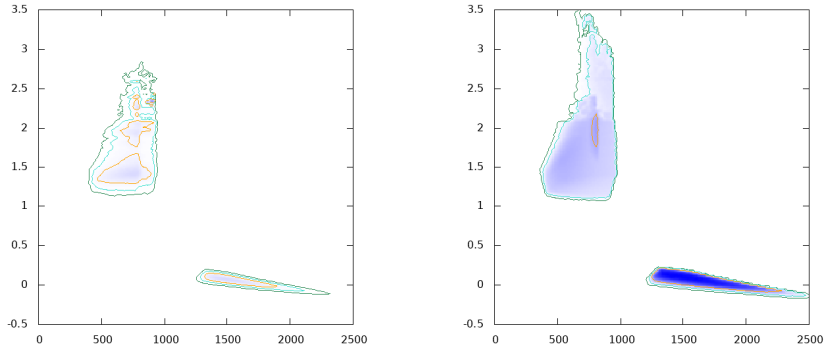

(a) PDF (b) $-2\ln(\mathcal{L})$

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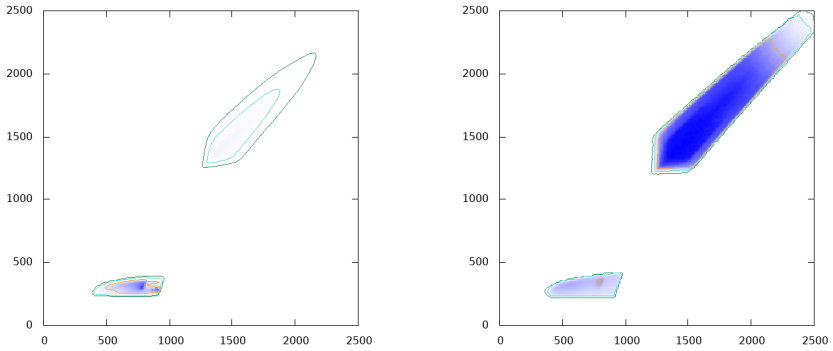

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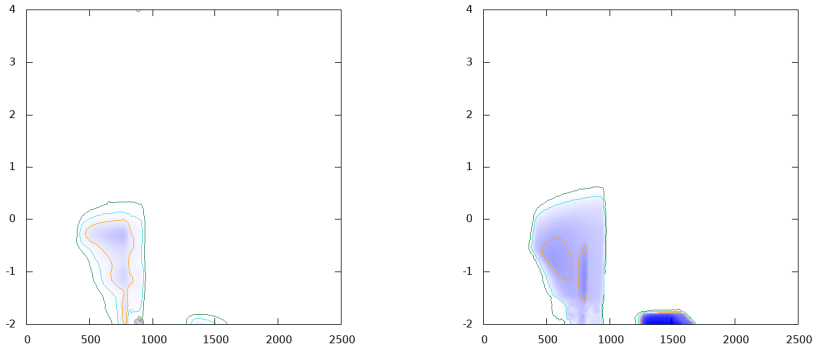

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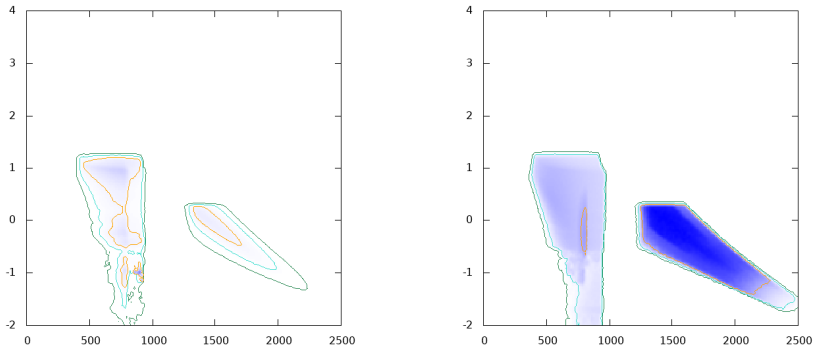

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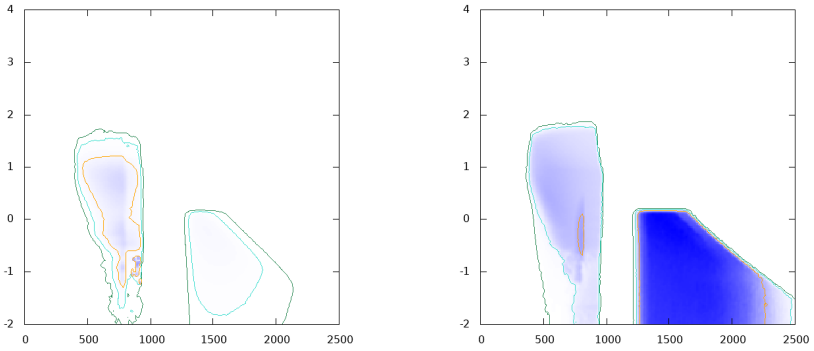

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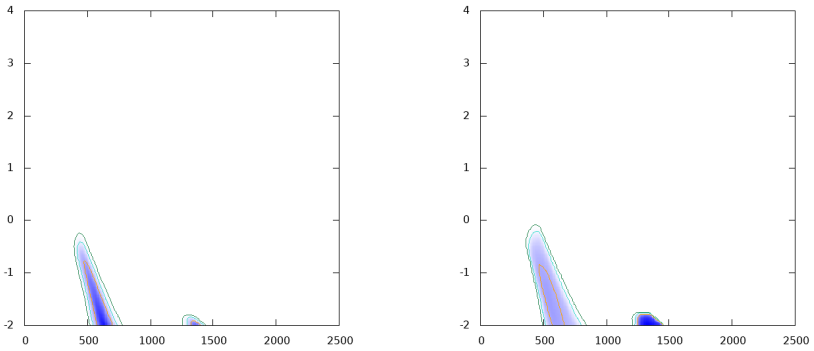

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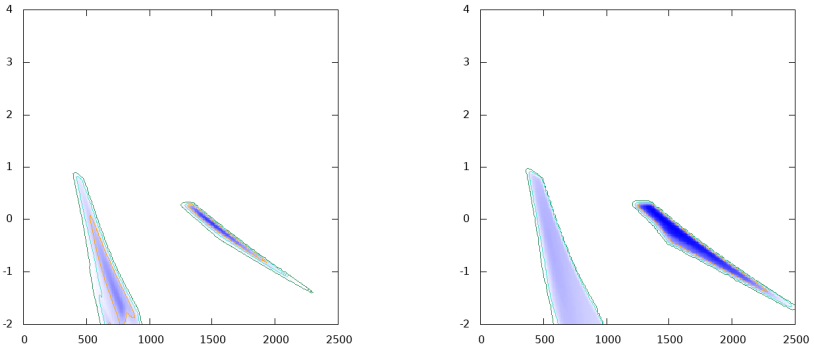

(a) PDF (b) $-2\ln(\mathcal{L})$

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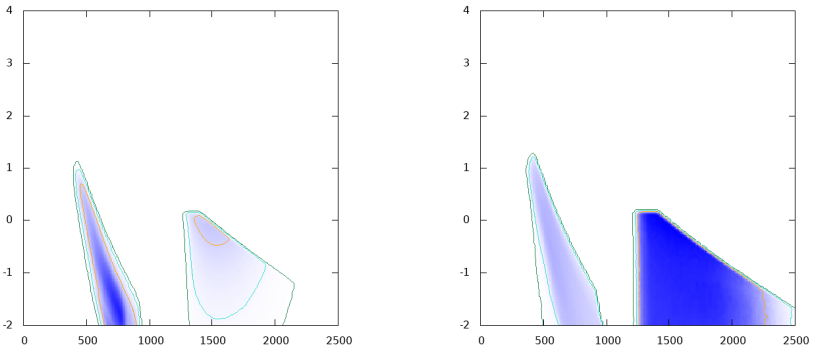

(a) PDF (b) $-2\ln(\mathcal{L})$

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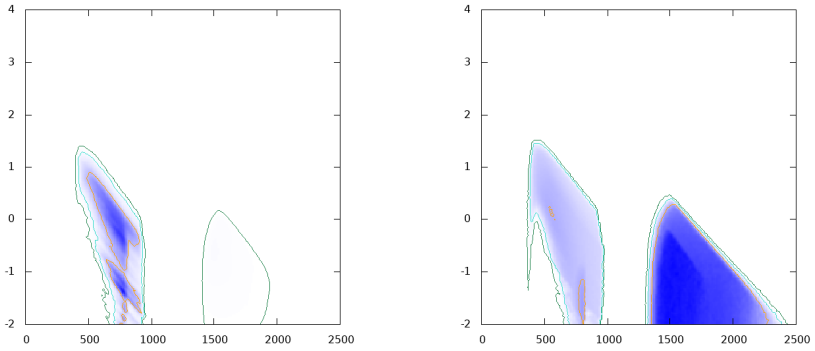

(a) PDF (b) $-2\ln(\mathcal{L})$

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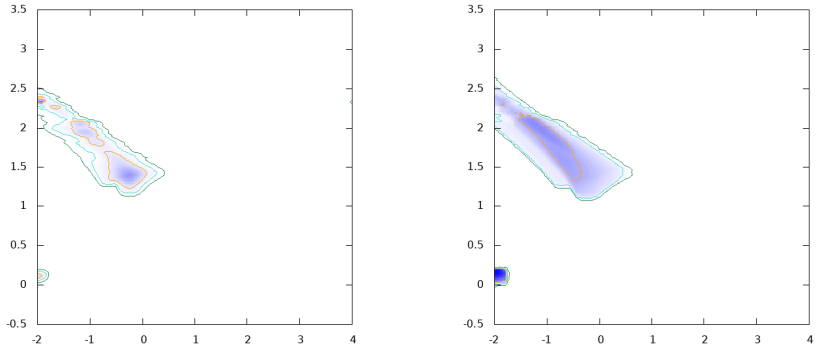

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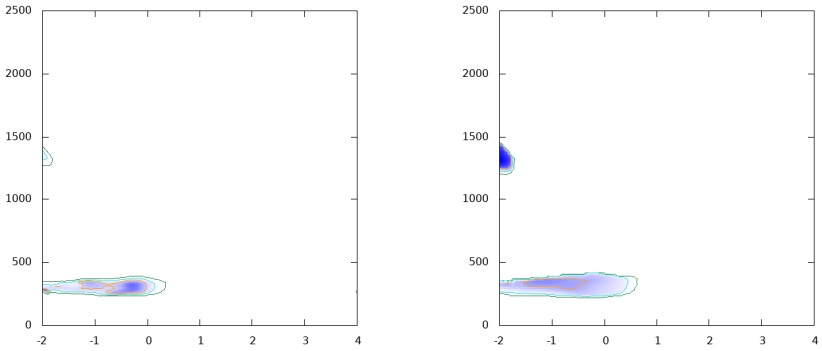

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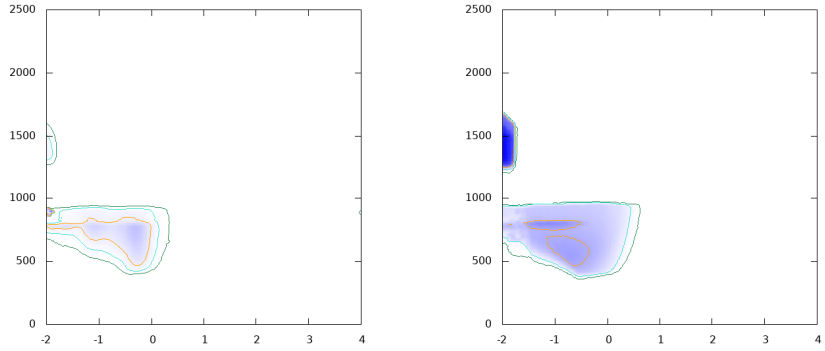

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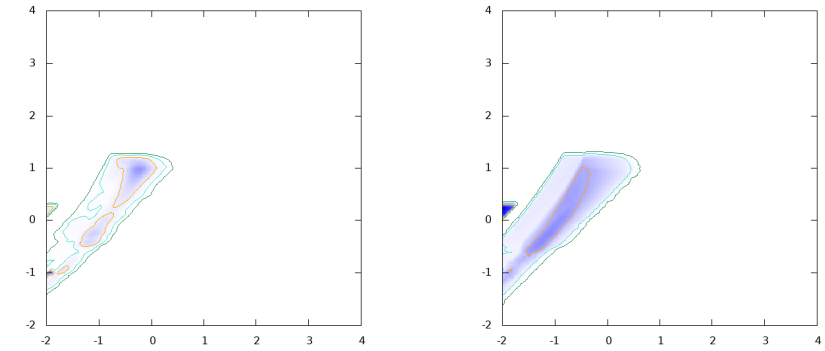

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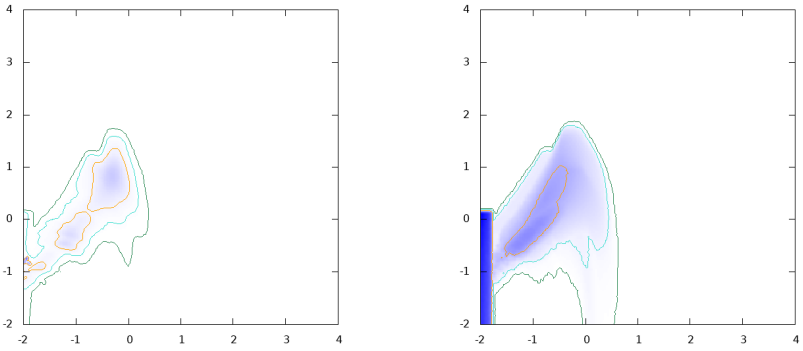

(a) PDF (b) $-2\ln(\mathcal{L})$

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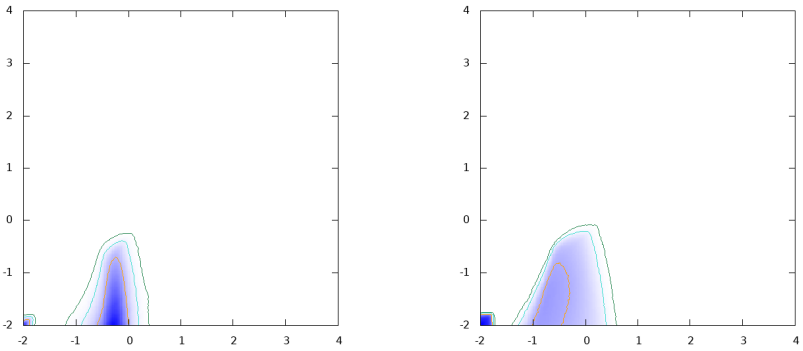

(a) PDF (b) $-2\ln(\mathcal{L})$

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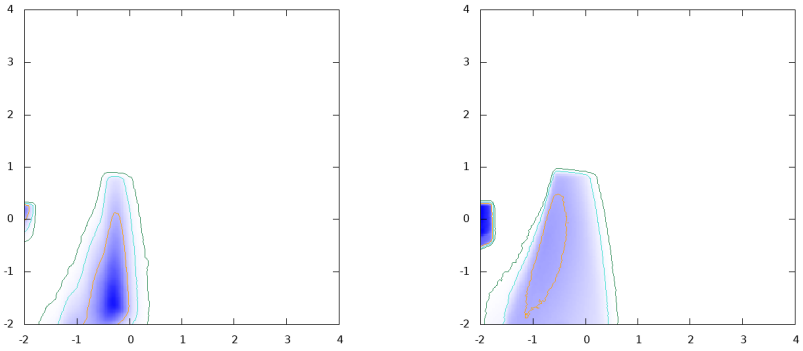

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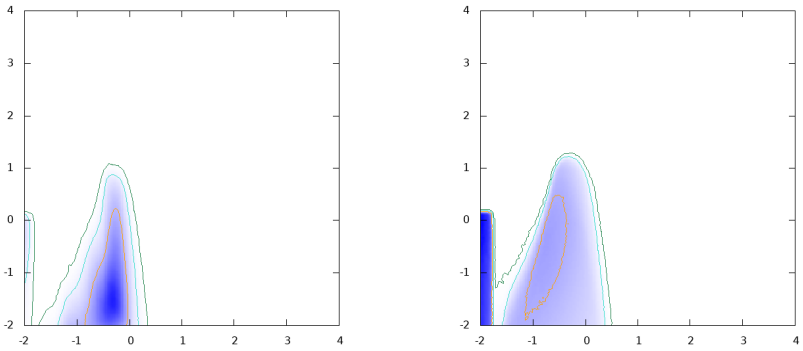

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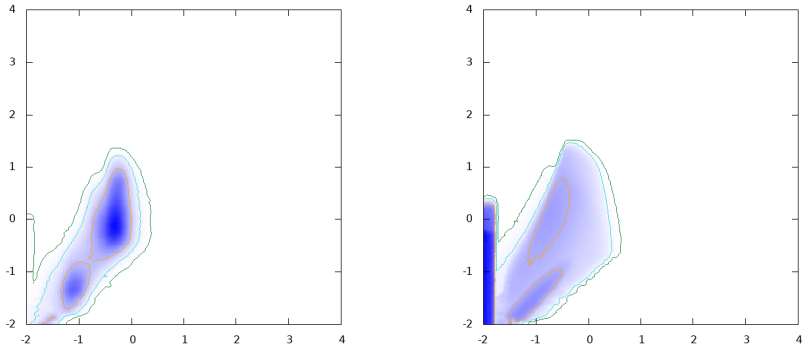

(a) PDF (b) $-2\ln(\mathcal{L})$

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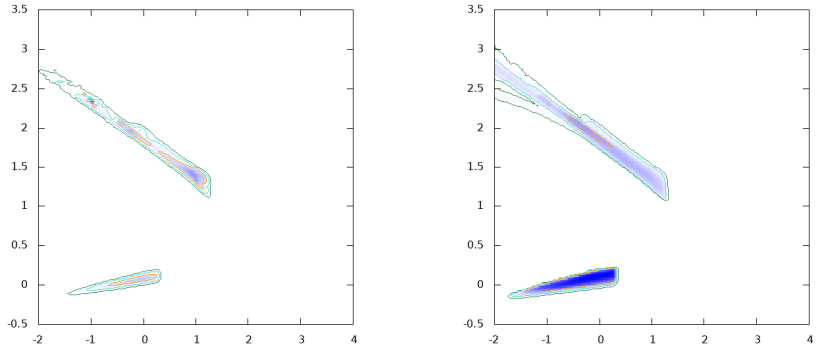

(a) PDF (b) $-2\ln(\mathcal{L})$

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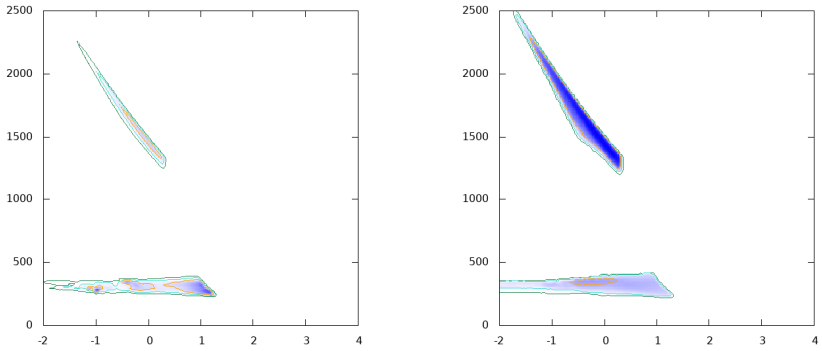

(a) PDF (b) $-2\ln(\mathcal{L})$

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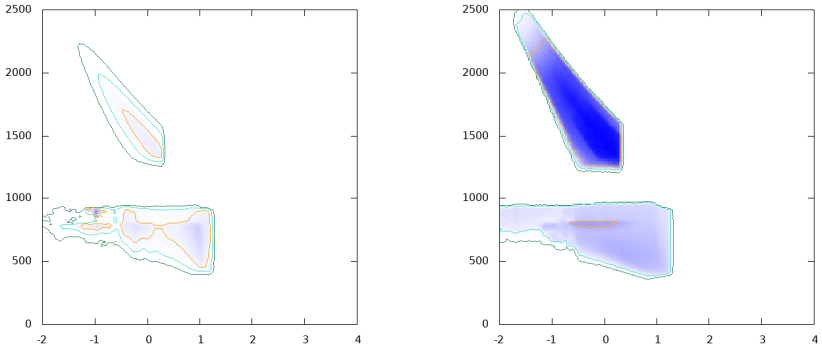

(a) PDF (b) $-2\ln(\mathcal{L})$

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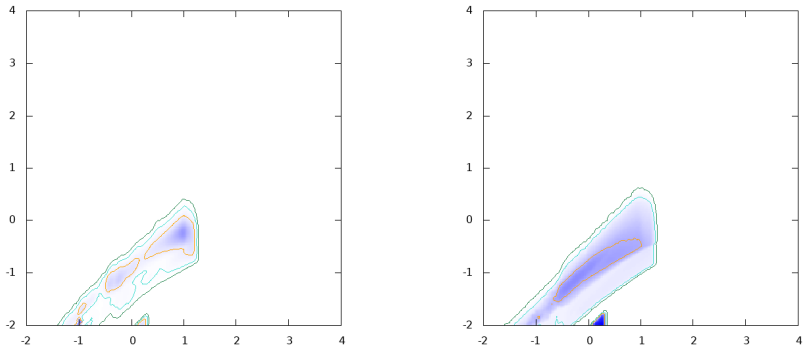

(a) PDF (b) $-2\ln(\mathcal{L})$

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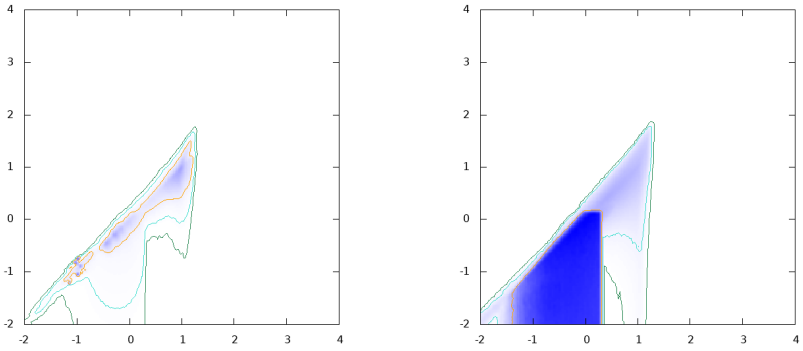

(a) PDF (b) $-2\ln(\mathcal{L})$

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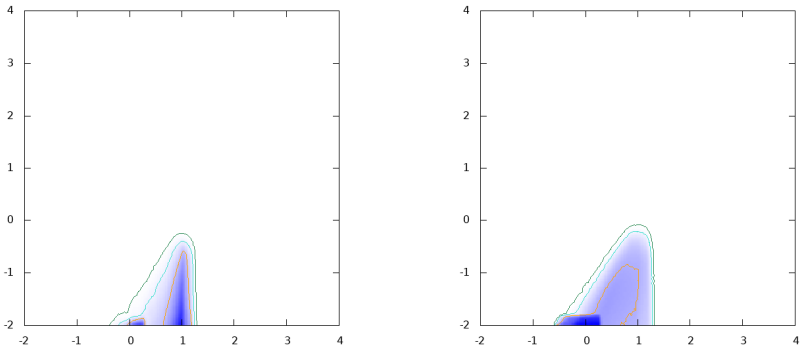

(a) PDF (b) $-2\ln(\mathcal{L})$

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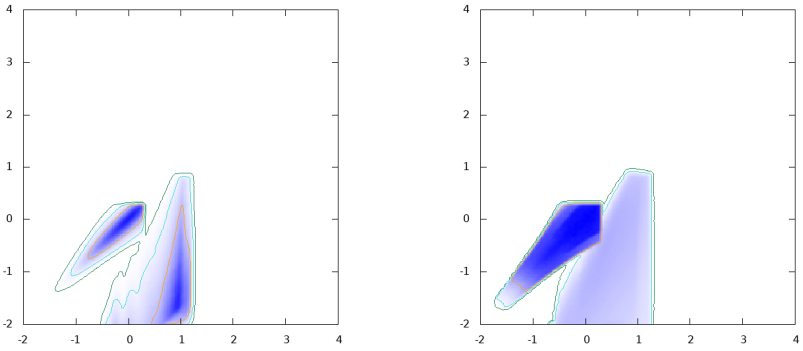

(a) PDF (b) $-2\ln(\mathcal{L})$

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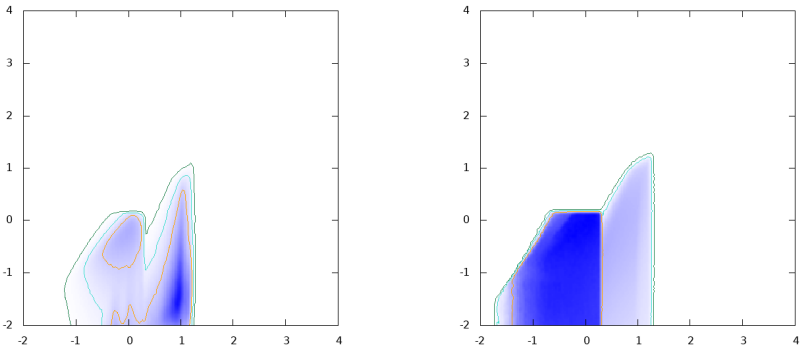

(a) PDF (b) $-2\ln(\mathcal{L})$

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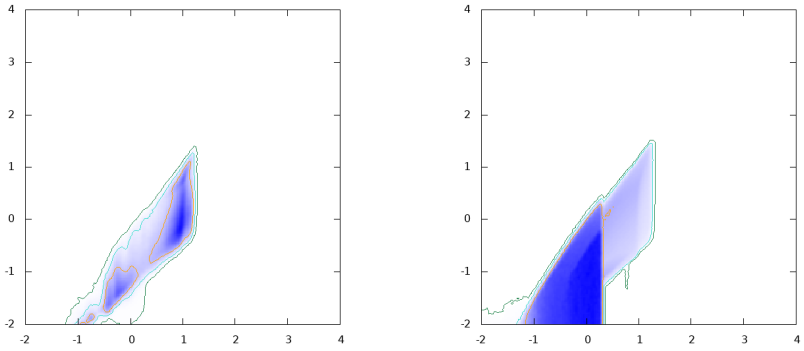
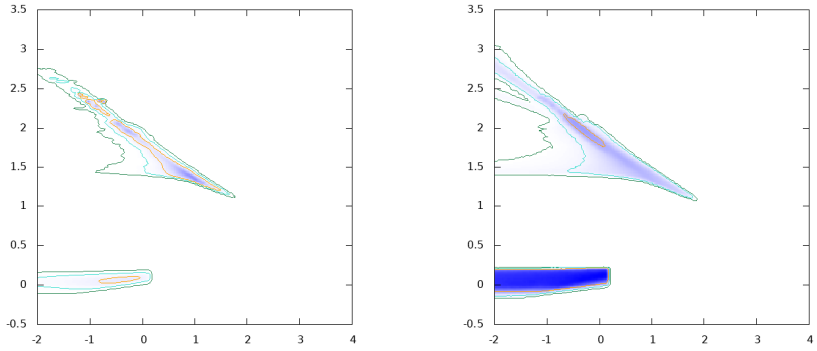


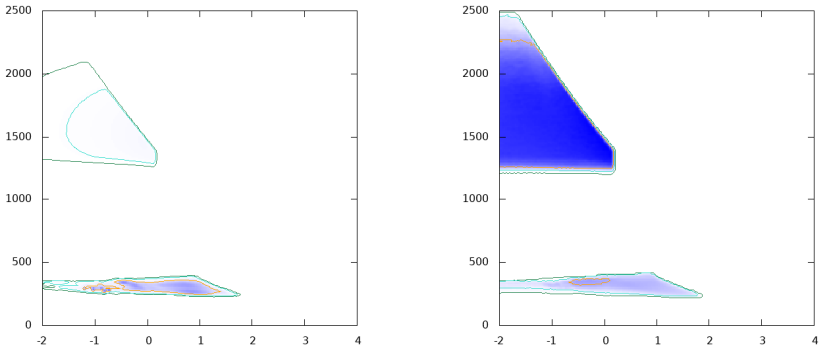
(a) PDF (b) $-2\ln(\mathcal{L})$

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



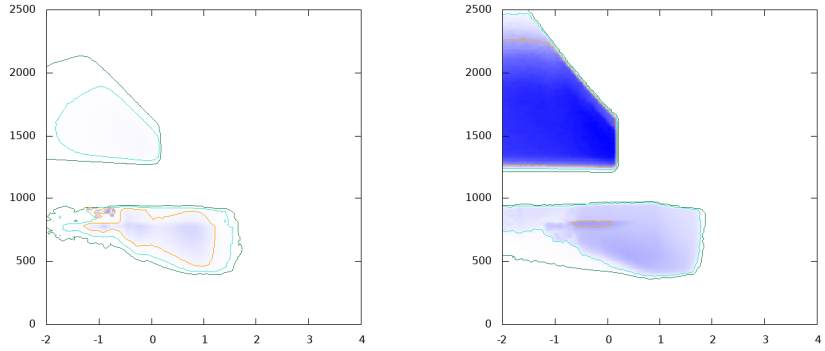
(a) PDF (b) $-2\ln(\mathcal{L})$

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



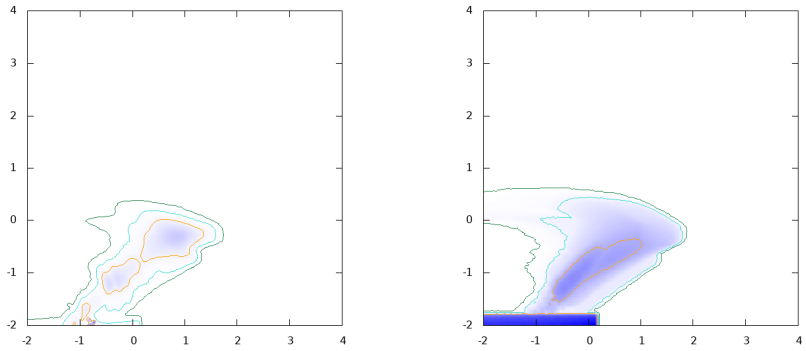
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 47: m_H GeV vs. $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb)



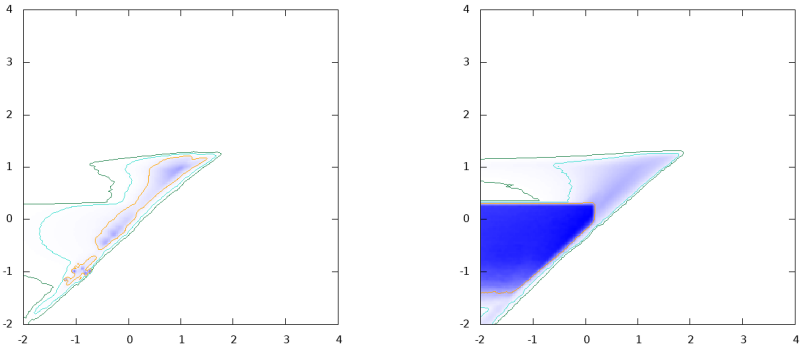
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 48: m_A GeV vs. $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb)



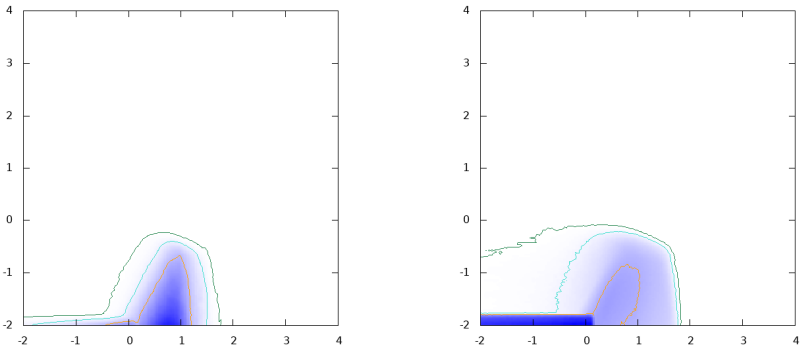
(a) PDF (b) $-2\ln(\mathcal{L})$

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



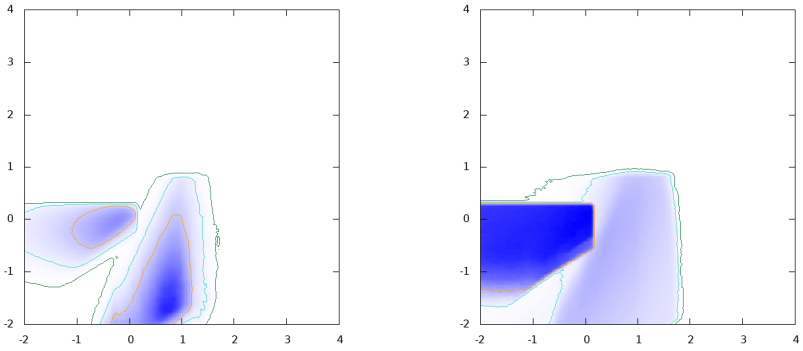
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 50: $\log_{10}\sigma(pp \to H \to \mu^+\mu^-)$ (fb) vs. $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb)



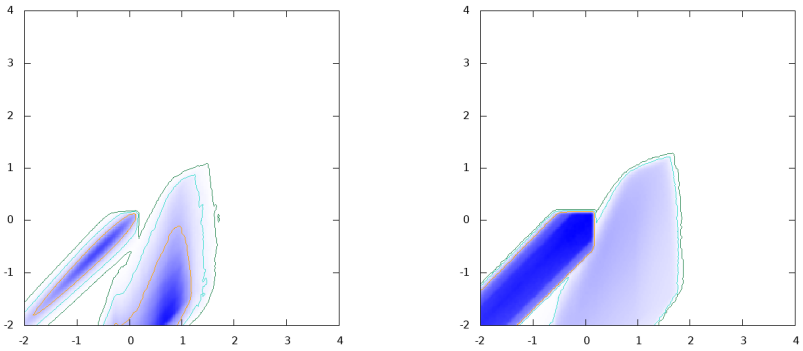
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 51: $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb) vs. $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb)



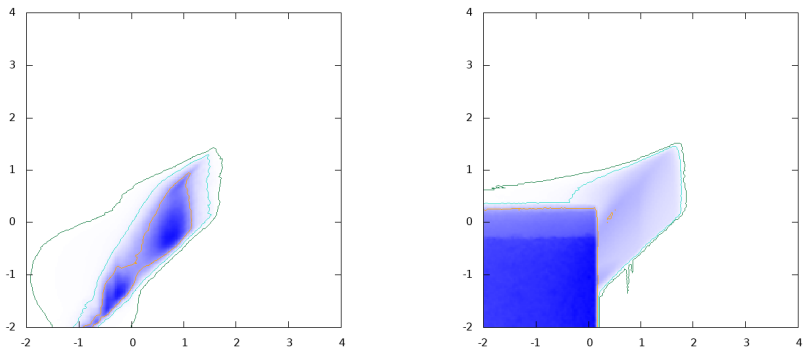
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 52: $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb) vs. $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb)



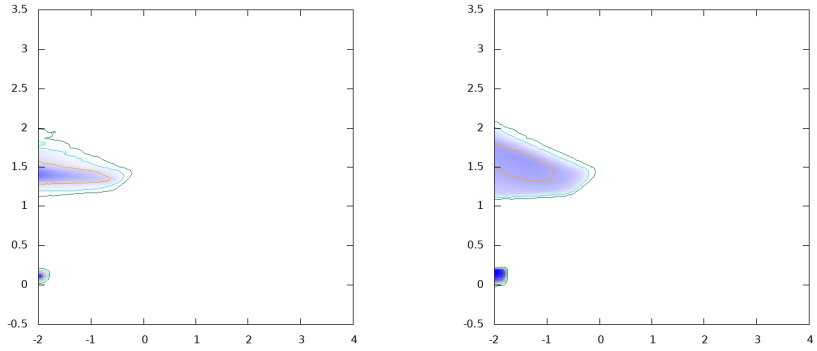
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 53: $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb) vs. $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb)



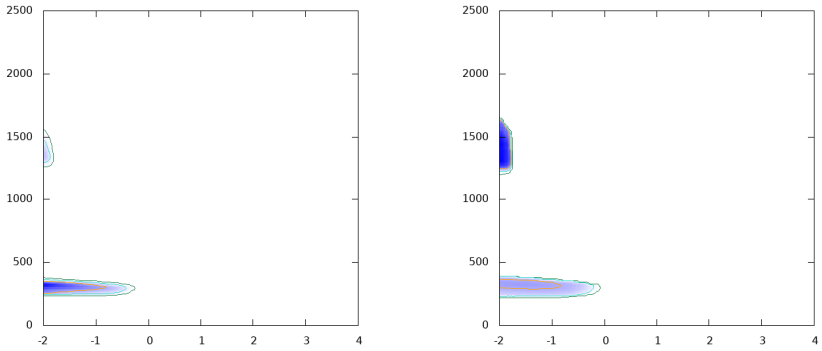
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 54: $\log_{10}\sigma(pp \to A \to HZ)$ (fb) vs. $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb)



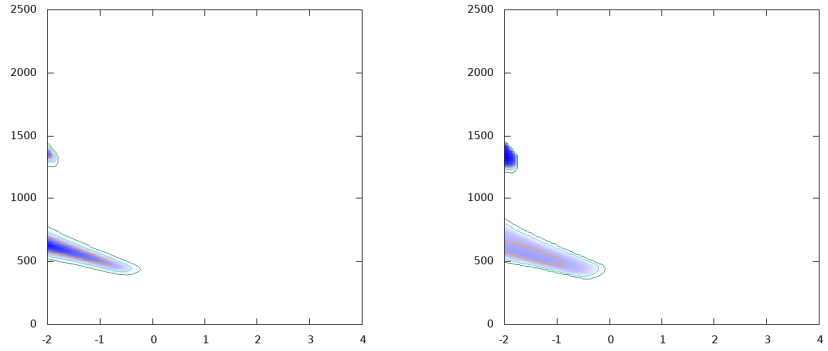
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 55: $\log_{10}\tan\beta$ vs. $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb)



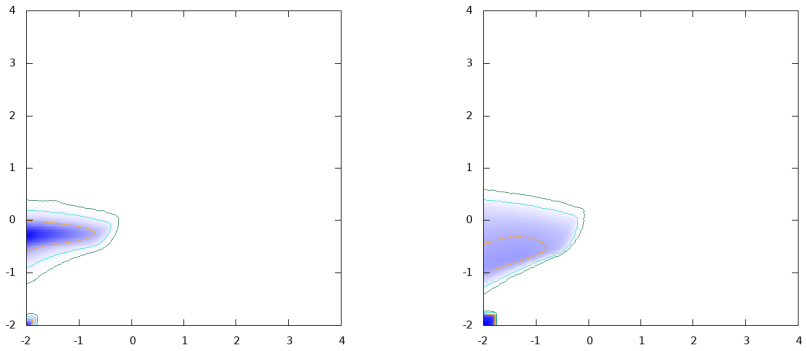
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 56: m_H GeV vs. $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb)



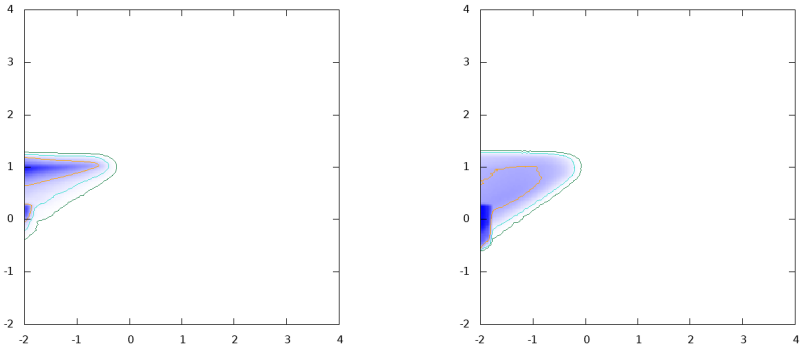
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 57: m_A GeV vs. $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb)



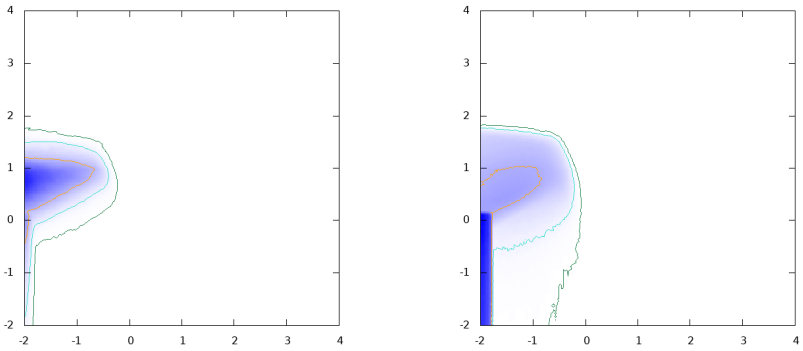
(a) PDF (b) $-2\ln(\mathcal{L})$

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



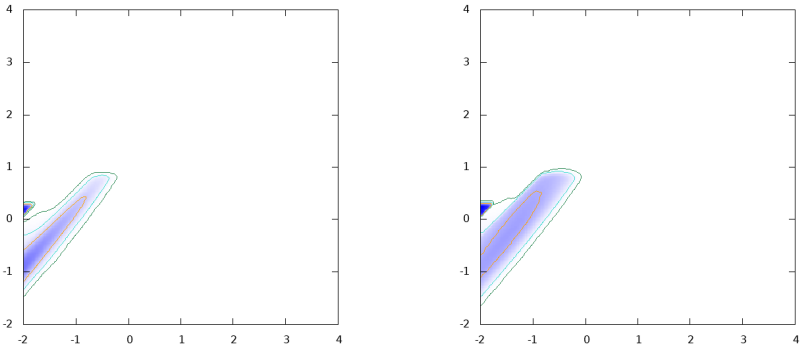
(a) PDF (b) $-2\ln(\mathcal{L})$

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



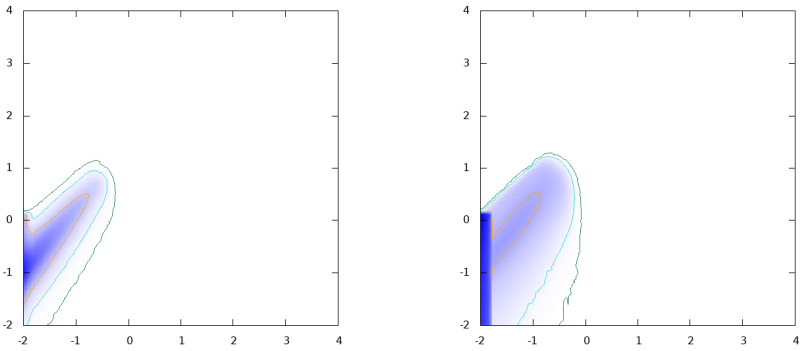
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 60: $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb) vs. $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb)



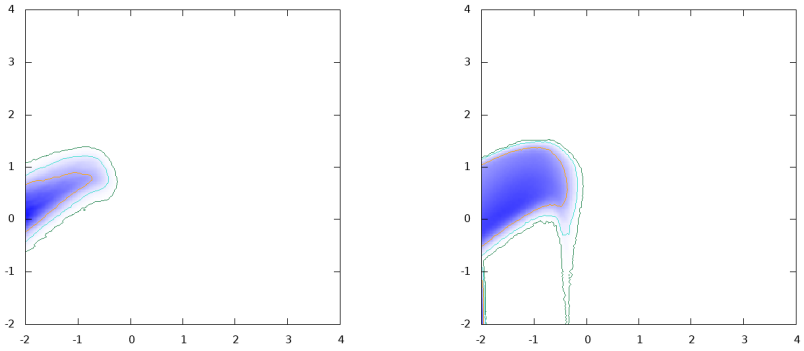
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 61: $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb) vs. $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb)



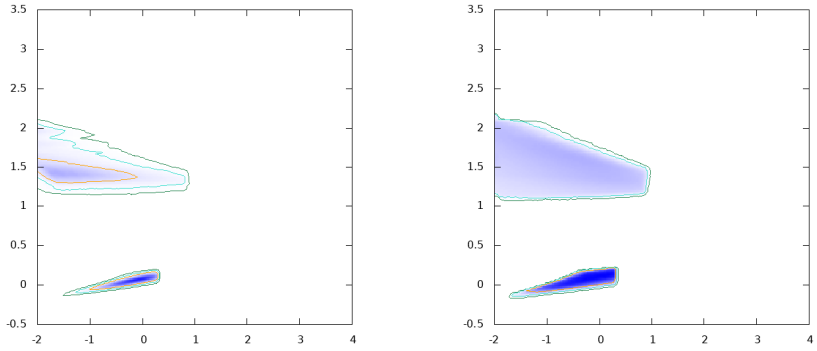
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 62: $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb) vs. $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb)



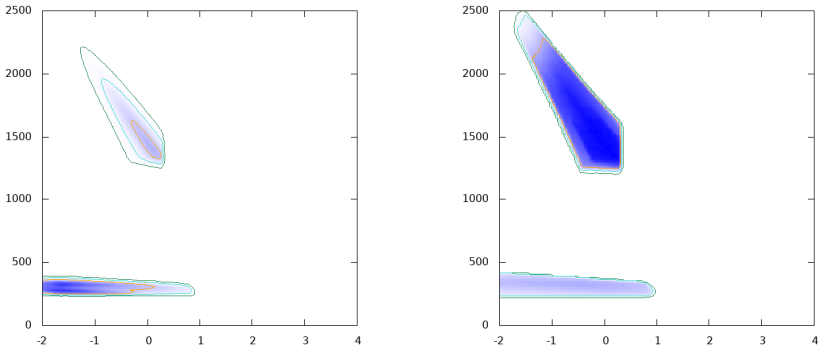
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 63: $\log_{10}\sigma(pp \to A \to HZ)$ (fb) vs. $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb)



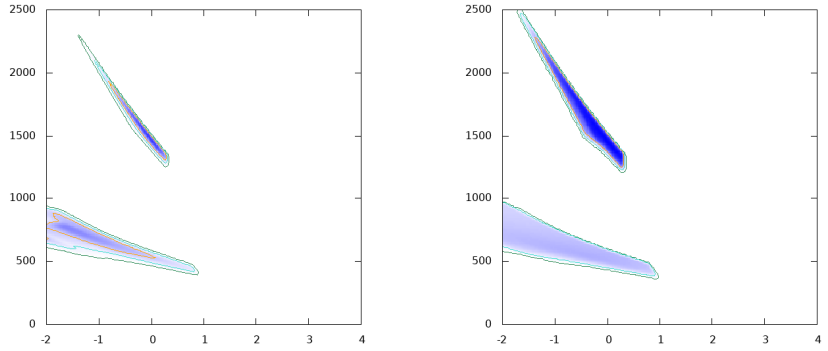
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 64: $\log_{10}\tan\beta$ vs. $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb)



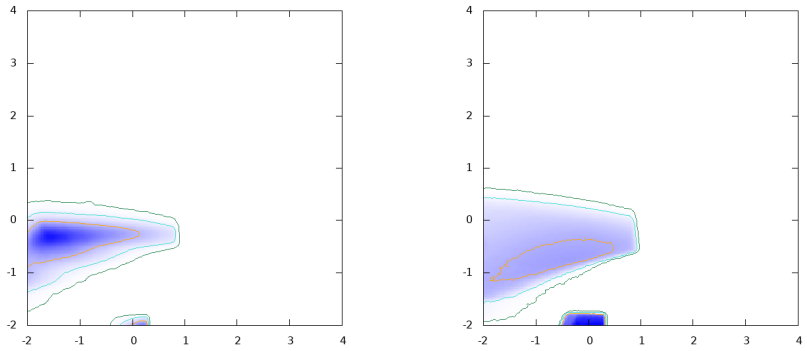
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 65: m_H GeV vs. $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb)



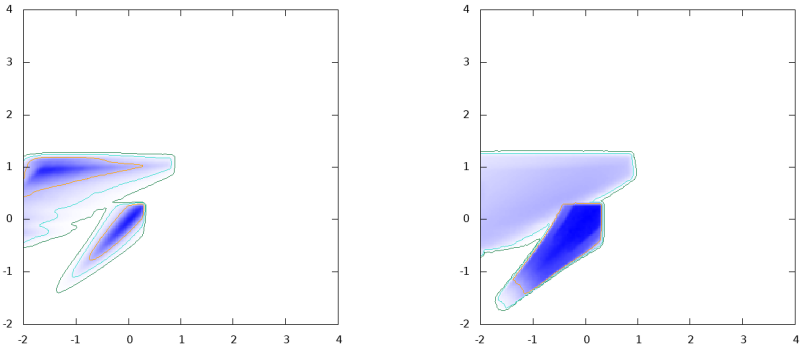
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 66: m_A GeV vs. $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb)



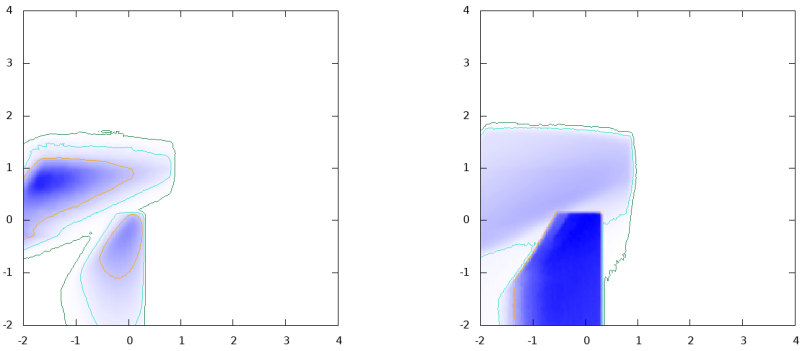
(a) PDF (b) $-2\ln(\mathcal{L})$

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



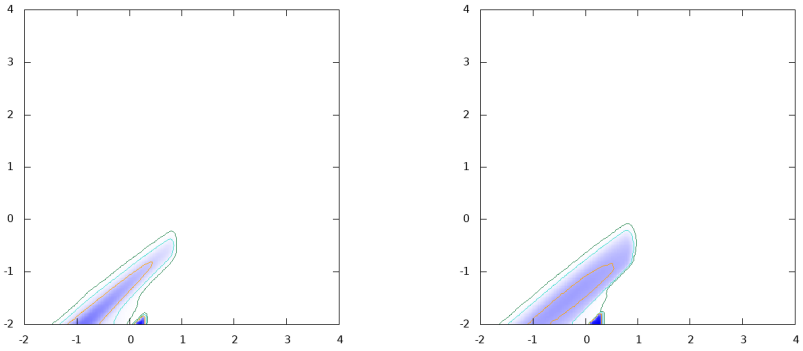
(a) PDF (b) $-2\ln(\mathcal{L})$

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



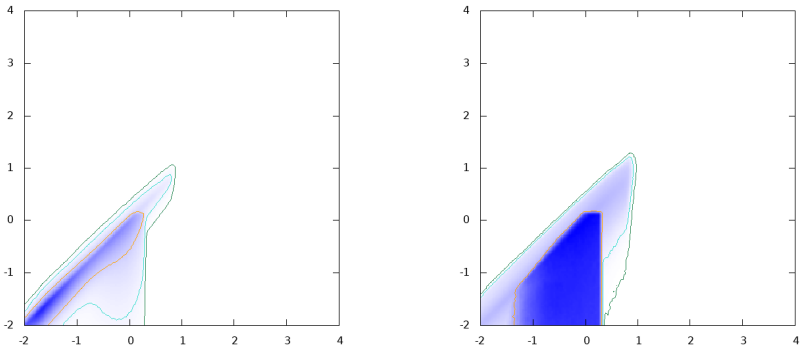
(a) PDF (b) $-2\ln(\mathcal{L})$

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



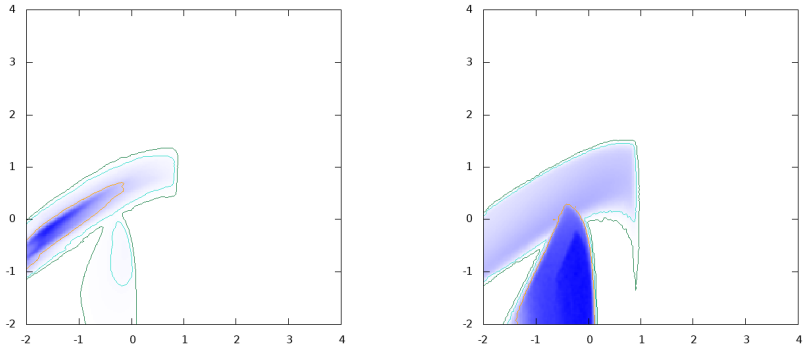
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 70: $\log_{10}\sigma(pp \to A \to e^+e^-)$ (fb) vs. $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb)



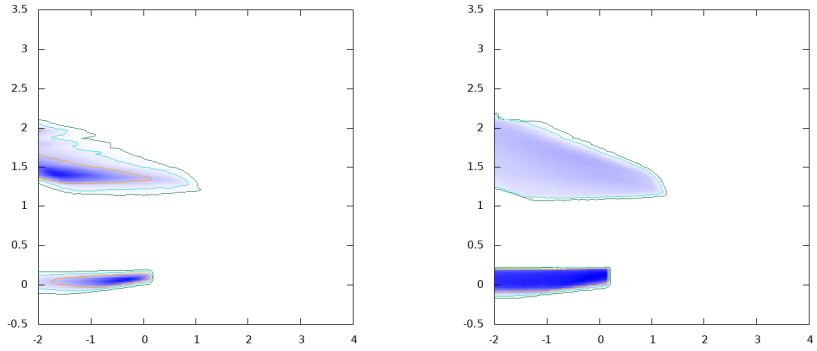
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 71: $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb) vs. $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb)



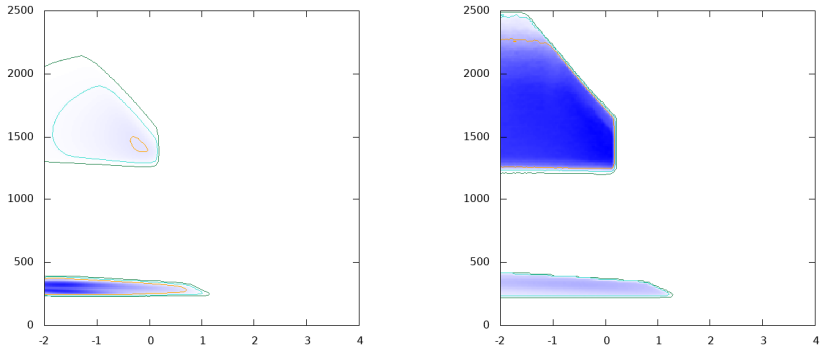
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 72: $\log_{10}\sigma(pp \to A \to HZ)$ (fb) vs. $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb)



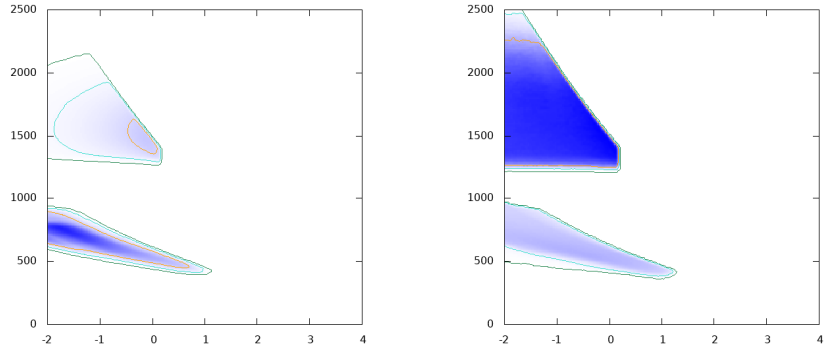
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 73: $\log_{10}\tan\beta$ vs. $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb)



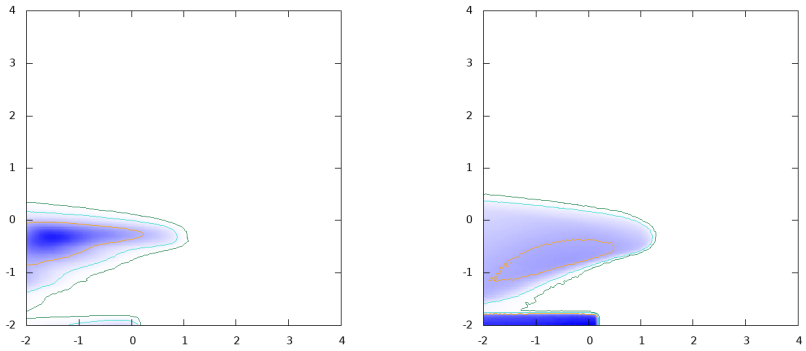
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 74: m_H GeV vs. $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb)



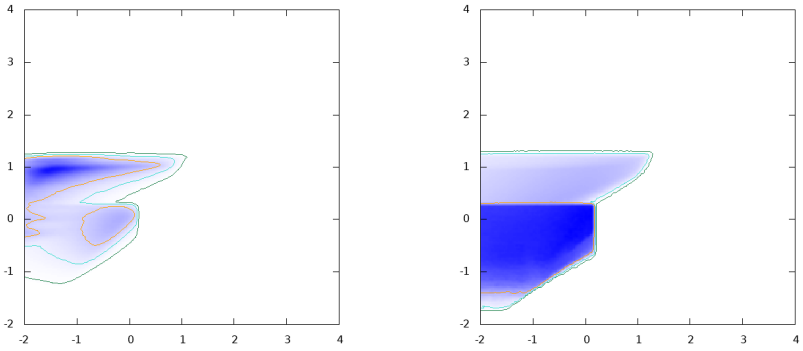
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 75: m_A GeV vs. $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb)



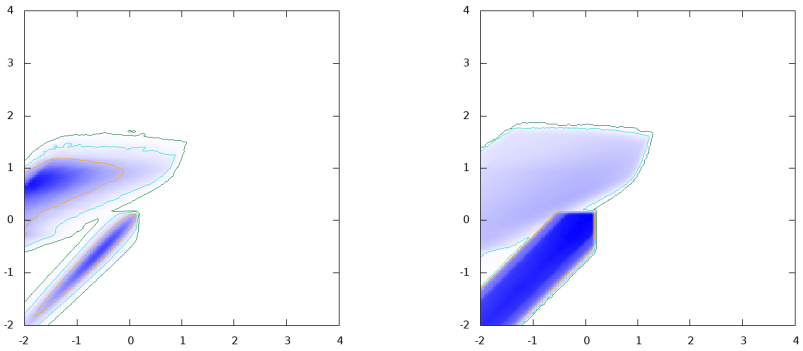
(a) PDF (b) $-2\ln(\mathcal{L})$

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



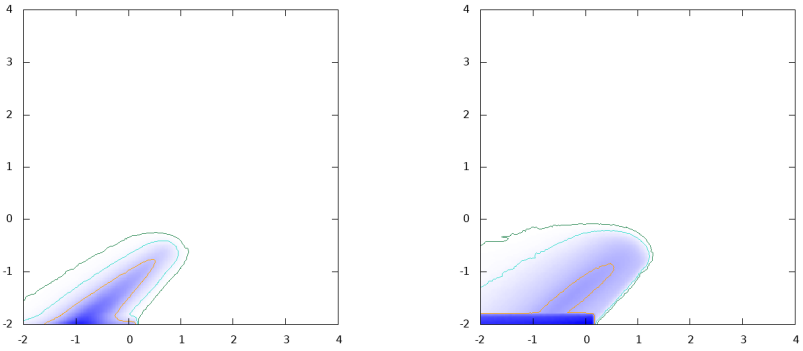
(a) PDF (b) $-2\ln(\mathcal{L})$

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



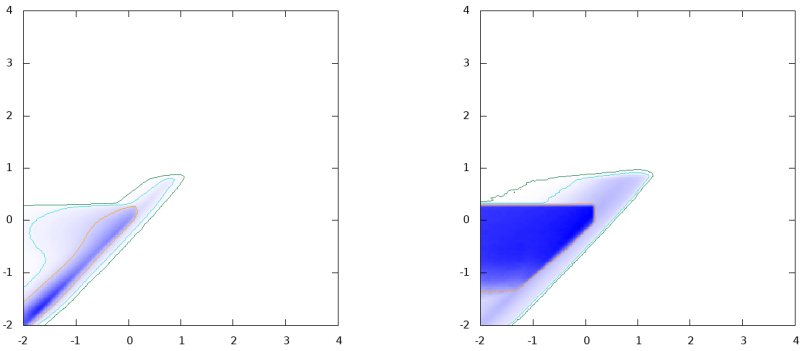
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 78: $\log_{10}\sigma(pp \to H \to \tau^+\tau^-)$ (fb) vs. $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb)



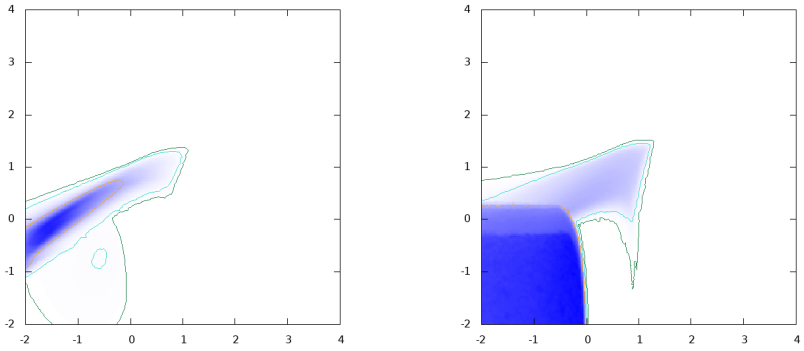
(a) PDF (b) $-2\ln(\mathcal{L})$

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



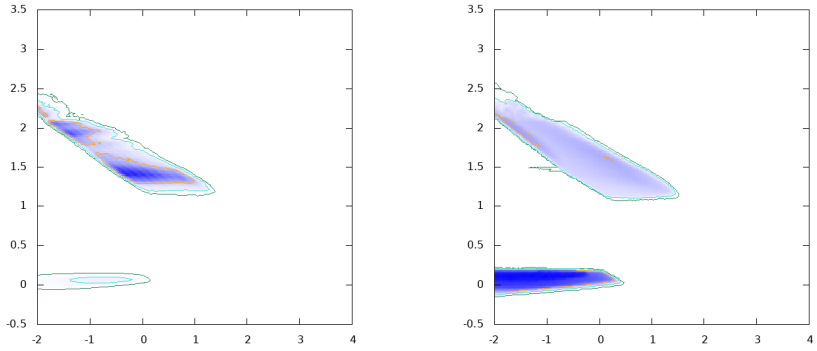
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 80: $\log_{10}\sigma(pp \to A \to \mu^+\mu^-)$ (fb) vs. $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb)



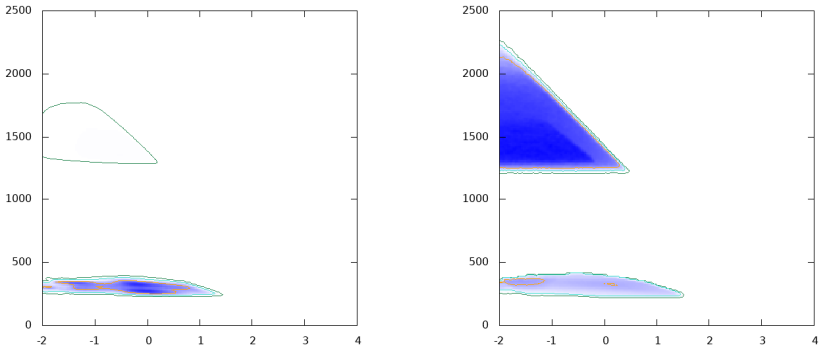
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 81: $\log_{10}\sigma(pp \to A \to HZ)$ (fb) vs. $\log_{10}\sigma(pp \to A \to \tau^+\tau^-)$ (fb)



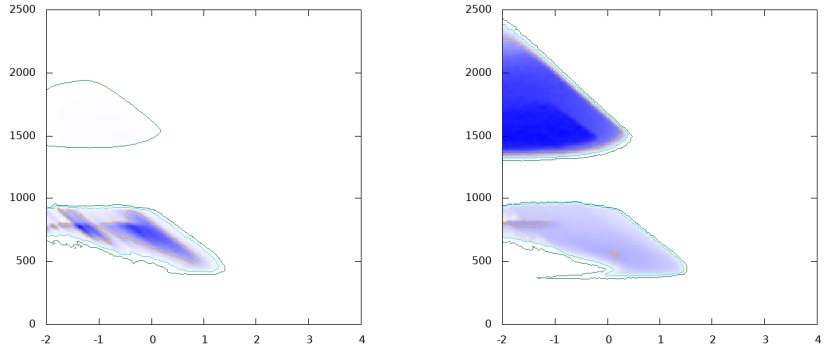
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 82: $\log_{10}\tan\beta$ vs. $\log_{10}\sigma(pp \to A \to HZ)$ (fb)



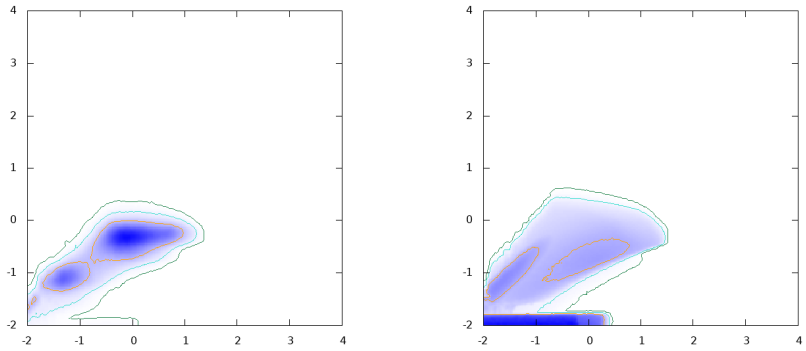
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 83: m_H GeV vs. $\log_{10}\sigma(pp \to A \to HZ)$ (fb)



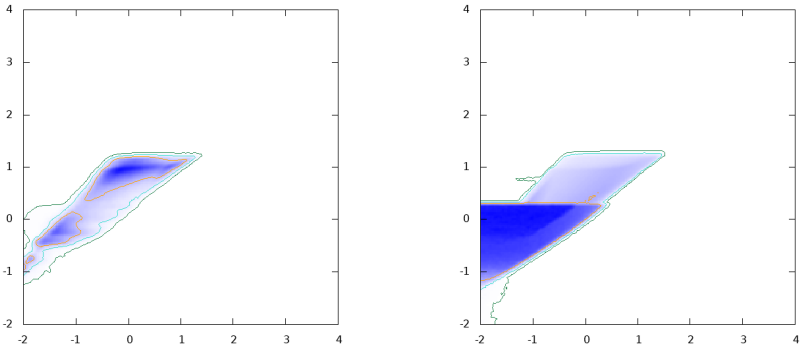
(a) PDF (b) $-2\ln(\mathcal{L})$

Figure 84: m_A GeV vs. $\log_{10}\sigma(pp \to A \to HZ)$ (fb)



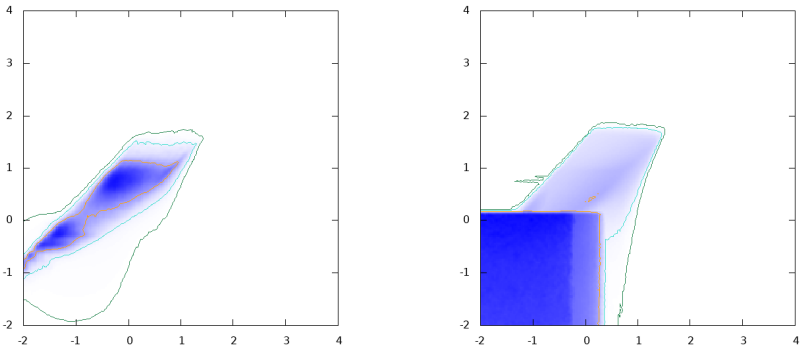
(a) PDF (b) $-2\ln(\mathcal{L})$

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



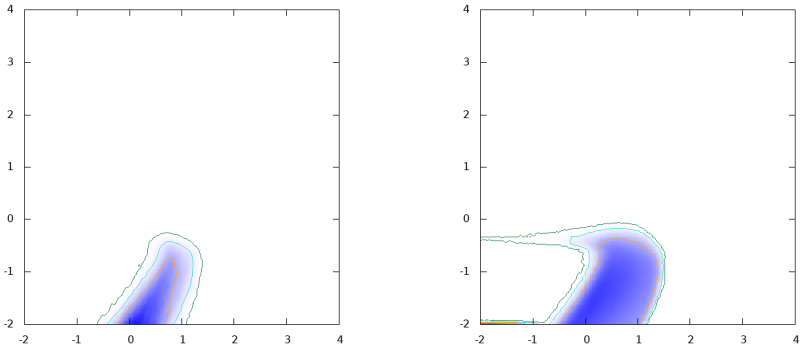
(a) PDF (b) $-2\ln(\mathcal{L})$

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



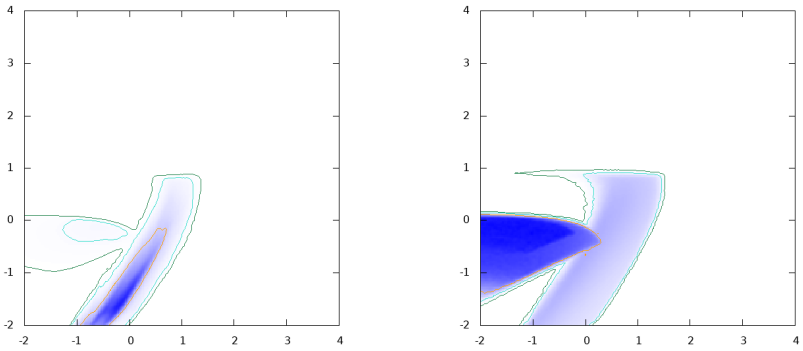
(a) PDF (b) $-2\ln(\mathcal{L})$

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



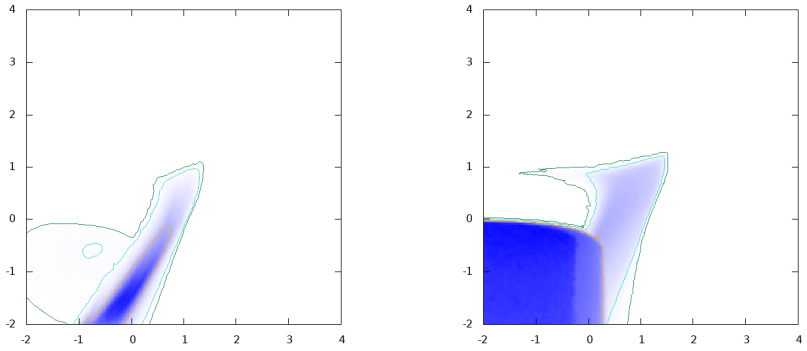
(a) PDF (b) $-2\ln(\mathcal{L})$

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



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

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



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

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