

Two-dimensional plots - Summary group 1

February 21, 2022

List of Figures

1	m_{H^\pm} GeV vs. $\log_{10} \tan \beta$	4
2	m_H GeV vs. $\log_{10} \tan \beta$	4
3	m_A GeV vs. $\log_{10} \tan \beta$	5
4	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $\log_{10} \tan \beta$	5
5	$Re(n_e)$ vs. $\log_{10} \tan \beta$	6
6	$Re(n_\mu)$ vs. $\log_{10} \tan \beta$	6
7	$Re(n_\tau)$ vs. $\log_{10} \tan \beta$	7
8	$\log_{10} \delta a_\tau $ vs. $\log_{10} \tan \beta$	7
9	$\chi^2(\text{tree Charged})$ vs. $\log_{10} \tan \beta$	8
10	$\log_{10} \tan \beta$ vs. m_{H^\pm} GeV	9
11	m_H GeV vs. m_{H^\pm} GeV	9
12	m_A GeV vs. m_{H^\pm} GeV	10
13	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. m_{H^\pm} GeV	10
14	$Re(n_e)$ vs. m_{H^\pm} GeV	11
15	$Re(n_\mu)$ vs. m_{H^\pm} GeV	11
16	$Re(n_\tau)$ vs. m_{H^\pm} GeV	12
17	$\log_{10} \delta a_\tau $ vs. m_{H^\pm} GeV	12
18	$\chi^2(\text{tree Charged})$ vs. m_{H^\pm} GeV	13
19	$\log_{10} \tan \beta$ vs. m_H GeV	14
20	m_{H^\pm} GeV vs. m_H GeV	14
21	m_A GeV vs. m_H GeV	15
22	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. m_H GeV	15
23	$Re(n_e)$ vs. m_H GeV	16
24	$Re(n_\mu)$ vs. m_H GeV	16
25	$Re(n_\tau)$ vs. m_H GeV	17
26	$\log_{10} \delta a_\tau $ vs. m_H GeV	17
27	$\chi^2(\text{tree Charged})$ vs. m_H GeV	18

28	$\log_{10} \tan \beta$ vs. m_A GeV	19
29	m_{H^\pm} GeV vs. m_A GeV	19
30	m_H GeV vs. m_A GeV	20
31	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. m_A GeV	20
32	$Re(n_e)$ vs. m_A GeV	21
33	$Re(n_\mu)$ vs. m_A GeV	21
34	$Re(n_\tau)$ vs. m_A GeV	22
35	$\log_{10} \delta a_\tau $ vs. m_A GeV	22
36	$\chi^2(\text{tree Charged})$ vs. m_A GeV	23
37	$\log_{10} \tan \beta$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	24
38	m_{H^\pm} GeV vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	24
39	m_H GeV vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	25
40	m_A GeV vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	25
41	$Re(n_e)$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	26
42	$Re(n_\mu)$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	26
43	$Re(n_\tau)$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	27
44	$\log_{10} \delta a_\tau $ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	27
45	$\chi^2(\text{tree Charged})$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$	28
46	$\log_{10} \tan \beta$ vs. $Re(n_e)$	29
47	m_{H^\pm} GeV vs. $Re(n_e)$	29
48	m_H GeV vs. $Re(n_e)$	30
49	m_A GeV vs. $Re(n_e)$	30
50	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $Re(n_e)$	31
51	$Re(n_\mu)$ vs. $Re(n_e)$	31
52	$Re(n_\tau)$ vs. $Re(n_e)$	32
53	$\log_{10} \delta a_\tau $ vs. $Re(n_e)$	32
54	$\chi^2(\text{tree Charged})$ vs. $Re(n_e)$	33
55	$\log_{10} \tan \beta$ vs. $Re(n_\mu)$	34
56	m_{H^\pm} GeV vs. $Re(n_\mu)$	34
57	m_H GeV vs. $Re(n_\mu)$	35
58	m_A GeV vs. $Re(n_\mu)$	35
59	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $Re(n_\mu)$	36
60	$Re(n_e)$ vs. $Re(n_\mu)$	36
61	$Re(n_\tau)$ vs. $Re(n_\mu)$	37
62	$\log_{10} \delta a_\tau $ vs. $Re(n_\mu)$	37
63	$\chi^2(\text{tree Charged})$ vs. $Re(n_\mu)$	38
64	$\log_{10} \tan \beta$ vs. $Re(n_\tau)$	39
65	m_{H^\pm} GeV vs. $Re(n_\tau)$	39
66	m_H GeV vs. $Re(n_\tau)$	40
67	m_A GeV vs. $Re(n_\tau)$	40
68	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $Re(n_\tau)$	41

69	$Re(n_e)$ vs. $Re(n_\tau)$	41
70	$Re(n_\mu)$ vs. $Re(n_\tau)$	42
71	$\log_{10} \delta a_\tau $ vs. $Re(n_\tau)$	42
72	$\chi^2(\text{tree Charged})$ vs. $Re(n_\tau)$	43
73	$\log_{10} \tan \beta$ vs. $\log_{10} \delta a_\tau $	44
74	m_{H^\pm} GeV vs. $\log_{10} \delta a_\tau $	44
75	m_H GeV vs. $\log_{10} \delta a_\tau $	45
76	m_A GeV vs. $\log_{10} \delta a_\tau $	45
77	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $\log_{10} \delta a_\tau $	46
78	$Re(n_e)$ vs. $\log_{10} \delta a_\tau $	46
79	$Re(n_\mu)$ vs. $\log_{10} \delta a_\tau $	47
80	$Re(n_\tau)$ vs. $\log_{10} \delta a_\tau $	47
81	$\chi^2(\text{tree Charged})$ vs. $\log_{10} \delta a_\tau $	48
82	$\log_{10} \tan \beta$ vs. $\chi^2(\text{tree Charged})$	49
83	m_{H^\pm} GeV vs. $\chi^2(\text{tree Charged})$	49
84	m_H GeV vs. $\chi^2(\text{tree Charged})$	50
85	m_A GeV vs. $\chi^2(\text{tree Charged})$	50
86	$R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $\chi^2(\text{tree Charged})$	51
87	$Re(n_e)$ vs. $\chi^2(\text{tree Charged})$	51
88	$Re(n_\mu)$ vs. $\chi^2(\text{tree Charged})$	52
89	$Re(n_\tau)$ vs. $\chi^2(\text{tree Charged})$	52
90	$\log_{10} \delta a_\tau $ vs. $\chi^2(\text{tree Charged})$	53

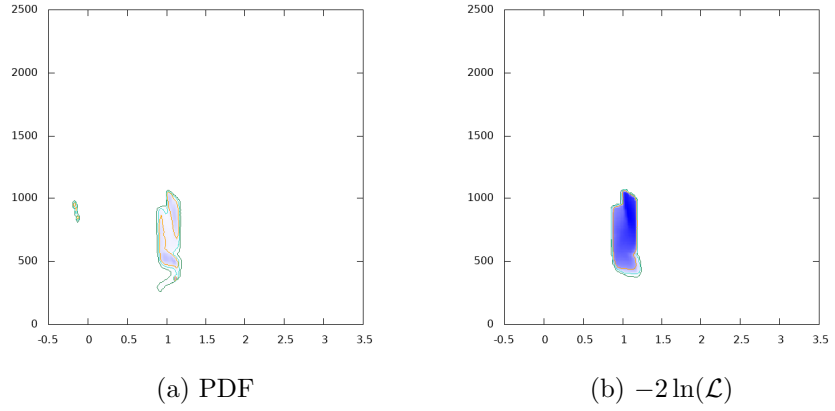


Figure 1: m_{H^\pm} GeV vs. $\log_{10} \tan \beta$

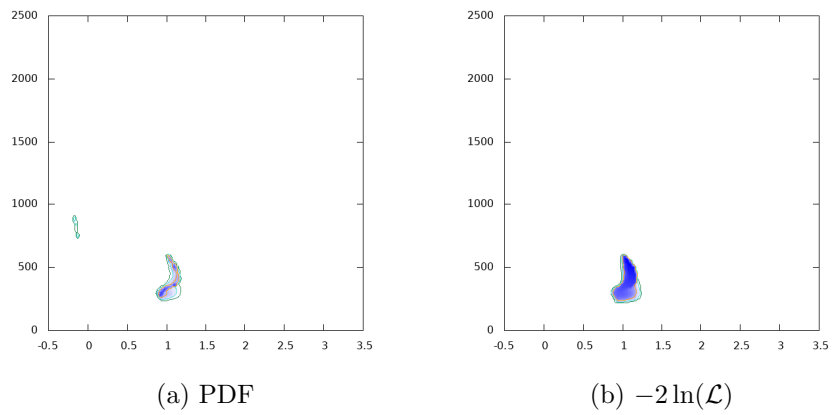


Figure 2: m_H GeV vs. $\log_{10} \tan \beta$

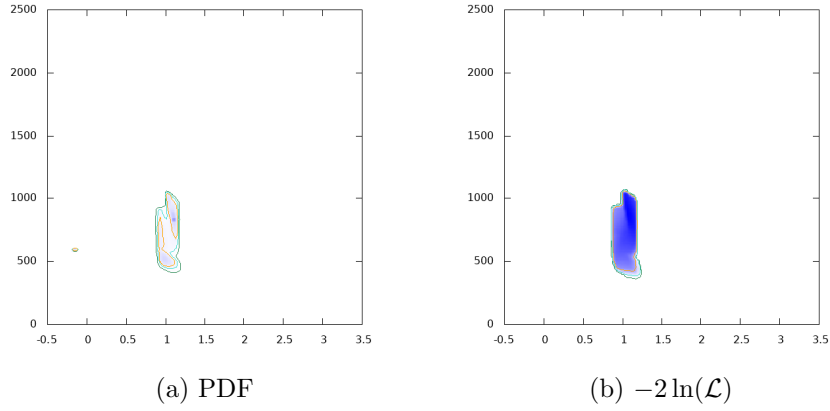


Figure 3: m_A GeV vs. $\log_{10} \tan \beta$

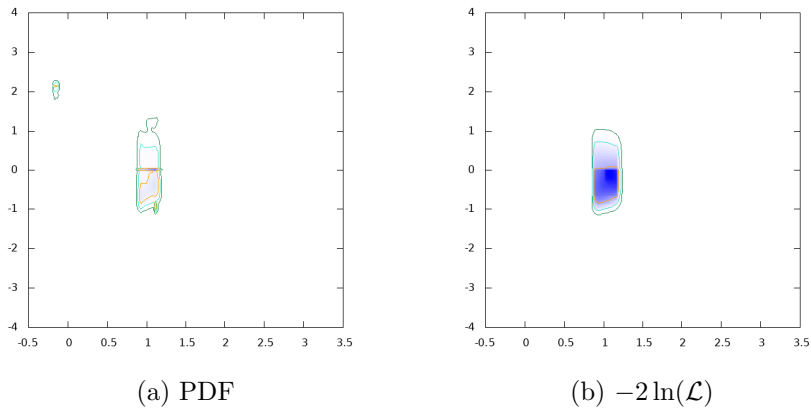


Figure 4: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $\log_{10} \tan \beta$

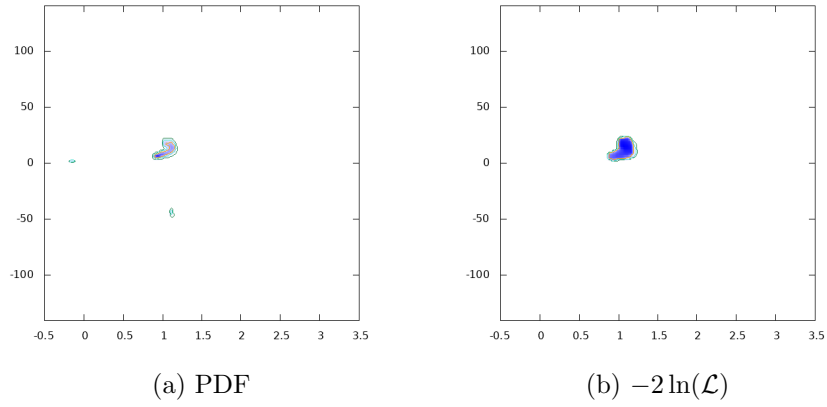


Figure 5: $Re(n_e)$ vs. $\log_{10} \tan \beta$

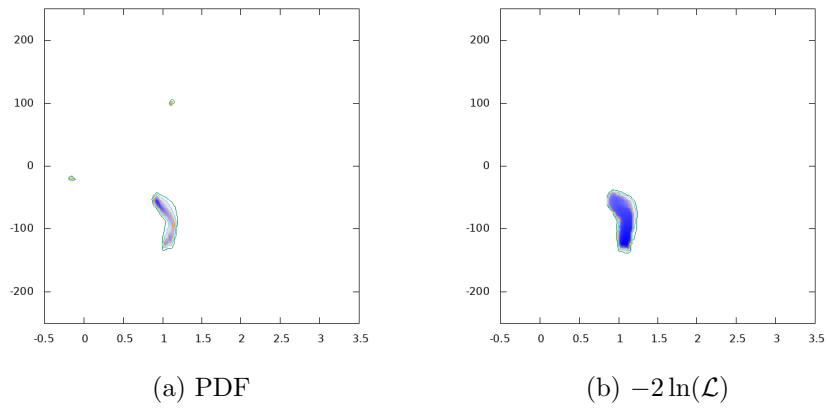


Figure 6: $Re(n_\mu)$ vs. $\log_{10} \tan \beta$

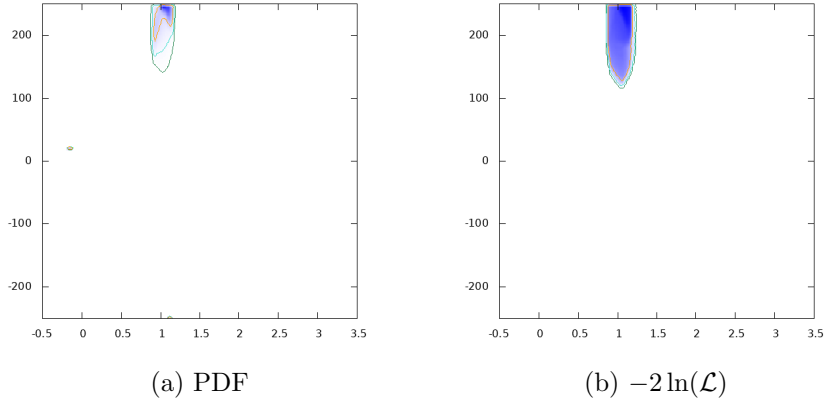


Figure 7: $Re(n_\tau)$ vs. $\log_{10} \tan \beta$

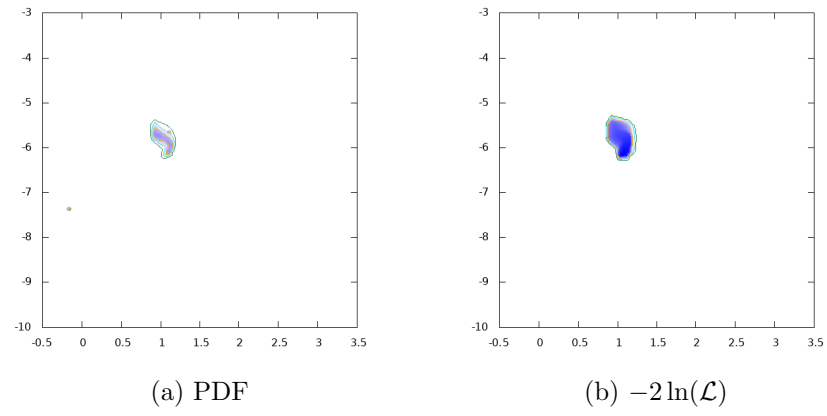


Figure 8: $\log_{10} |\delta a_\tau|$ vs. $\log_{10} \tan \beta$

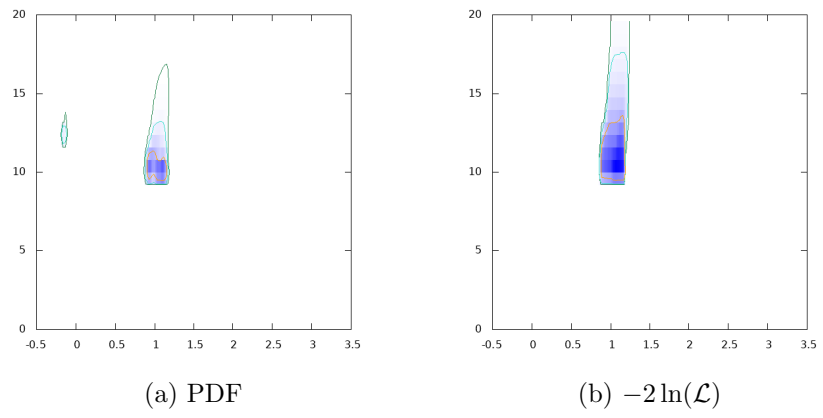


Figure 9: $\chi^2(\text{tree Charged})$ vs. $\log_{10} \tan \beta$

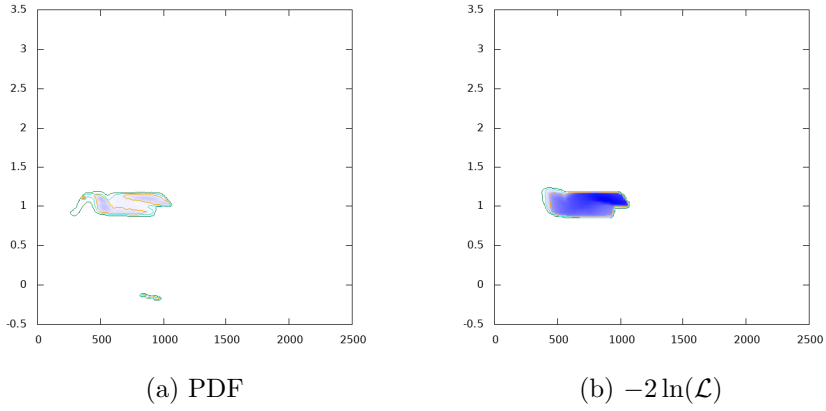


Figure 10: $\log_{10} \tan \beta$ vs. m_{H^\pm} GeV

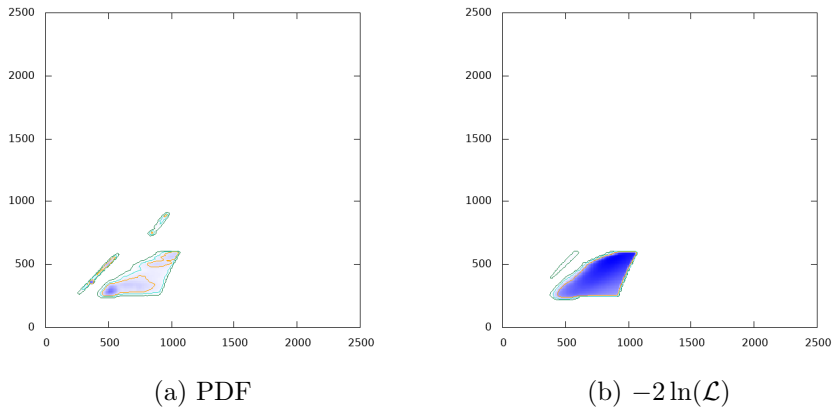


Figure 11: m_H GeV vs. m_{H^\pm} GeV

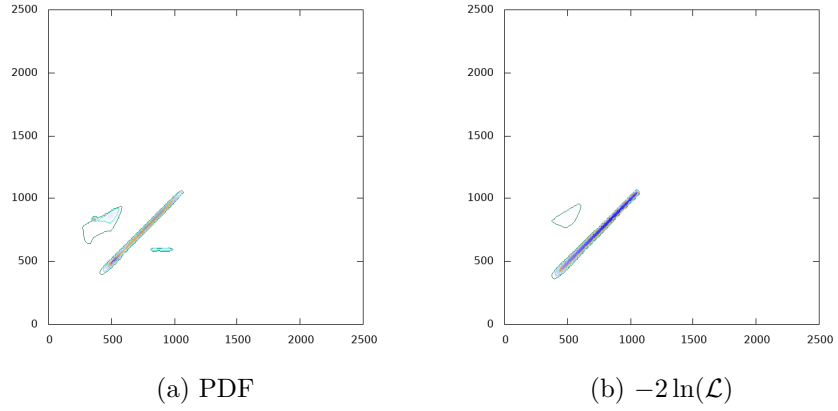


Figure 12: m_A GeV vs. m_{H^\pm} GeV

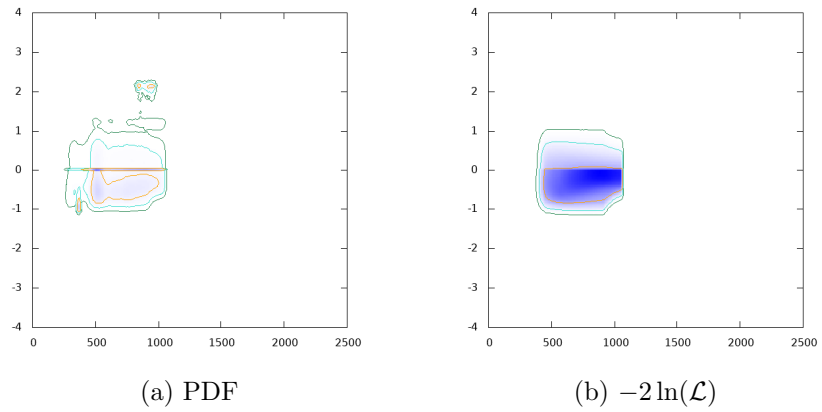


Figure 13: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. m_{H^\pm} GeV

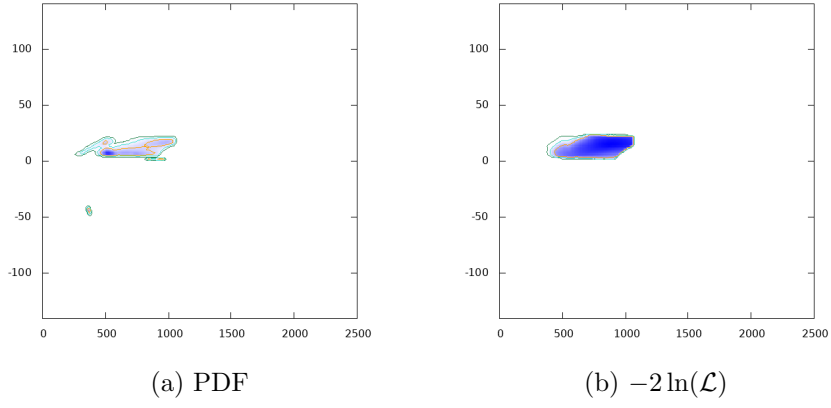


Figure 14: $Re(n_e)$ vs. m_{H^\pm} GeV

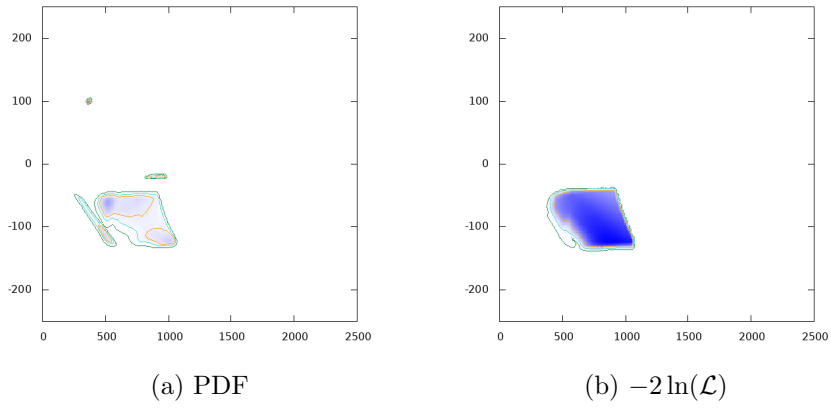


Figure 15: $Re(n_\mu)$ vs. m_{H^\pm} GeV

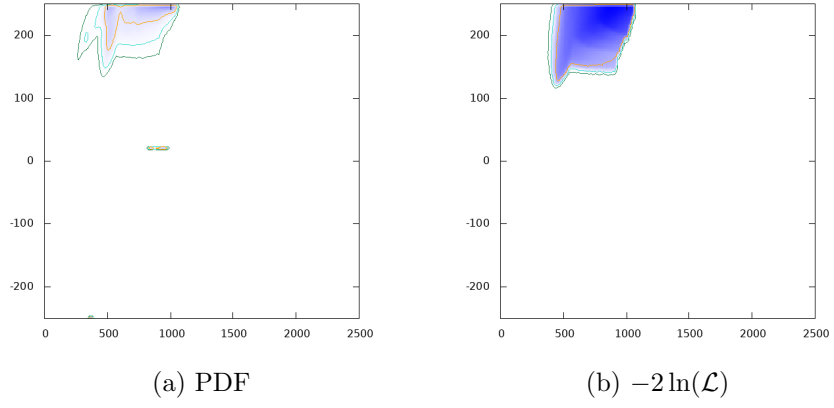


Figure 16: $Re(n_\tau)$ vs. m_{H^\pm} GeV

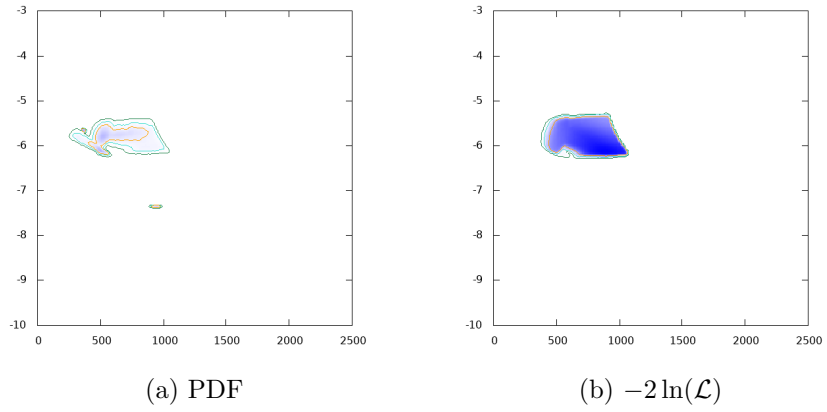


Figure 17: $\log_{10}|\delta a_\tau|$ vs. m_{H^\pm} GeV

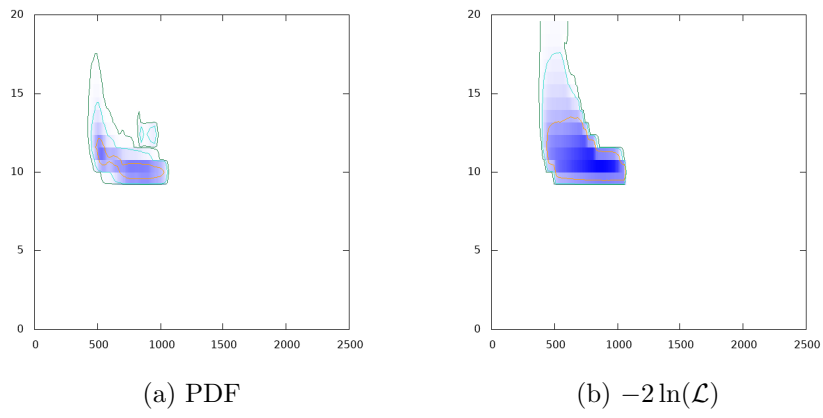


Figure 18: $\chi^2(\text{tree Charged})$ vs. m_{H^\pm} GeV

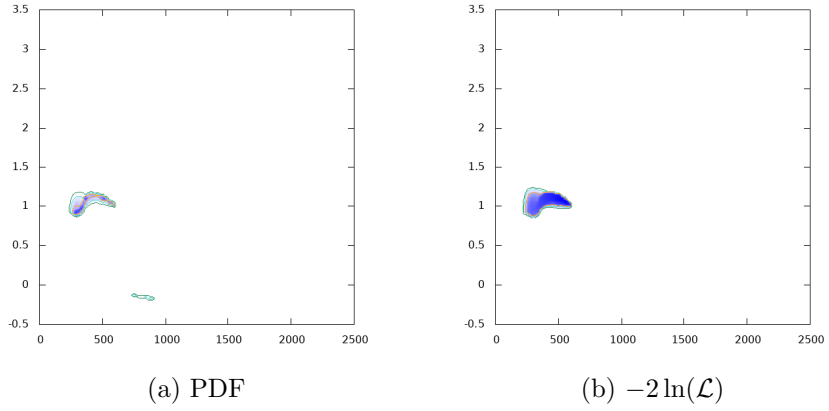


Figure 19: $\log_{10} \tan \beta$ vs. m_H GeV

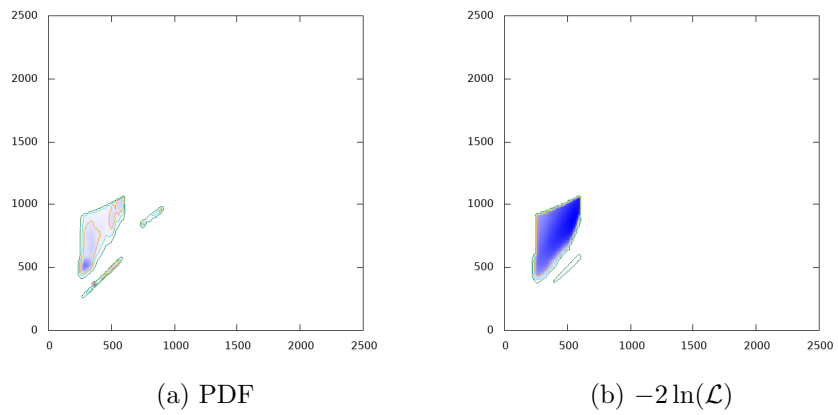


Figure 20: m_{H^\pm} GeV vs. m_H GeV

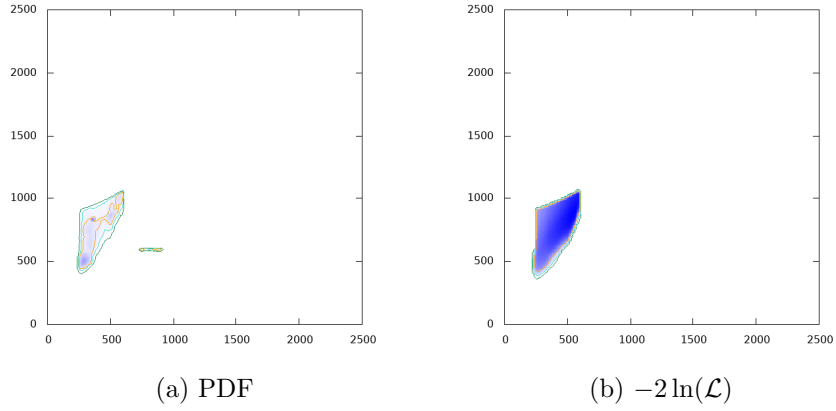


Figure 21: m_A GeV vs. m_H GeV

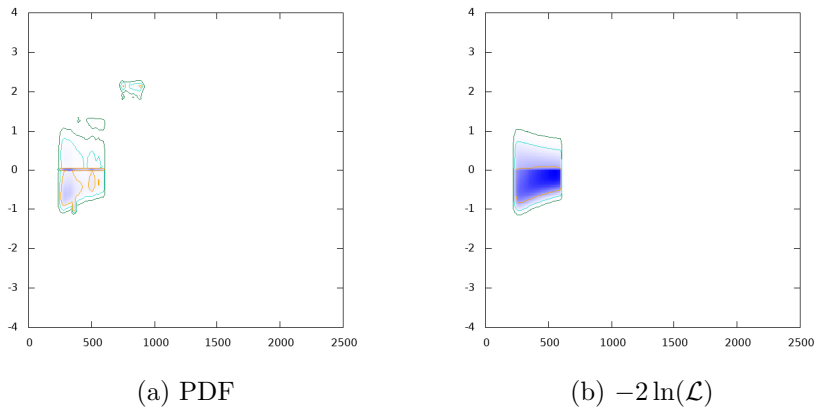


Figure 22: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. m_H GeV

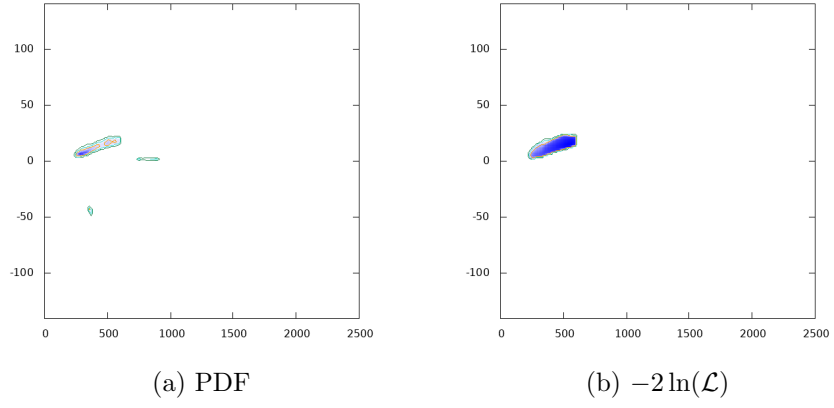


Figure 23: $Re(n_e)$ vs. m_H GeV

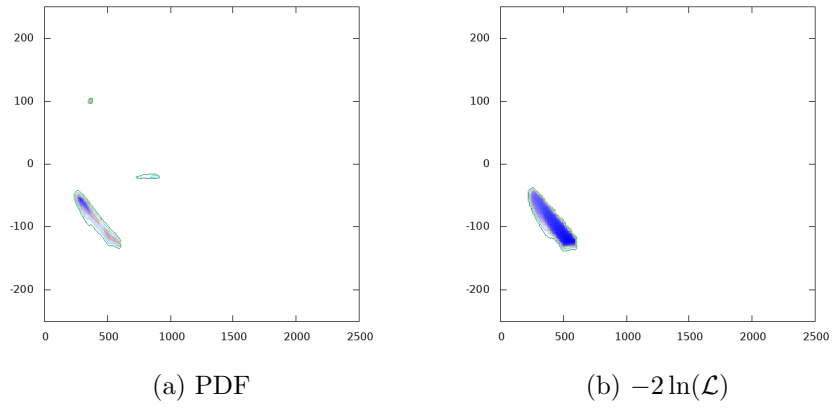


Figure 24: $Re(n_\mu)$ vs. m_H GeV

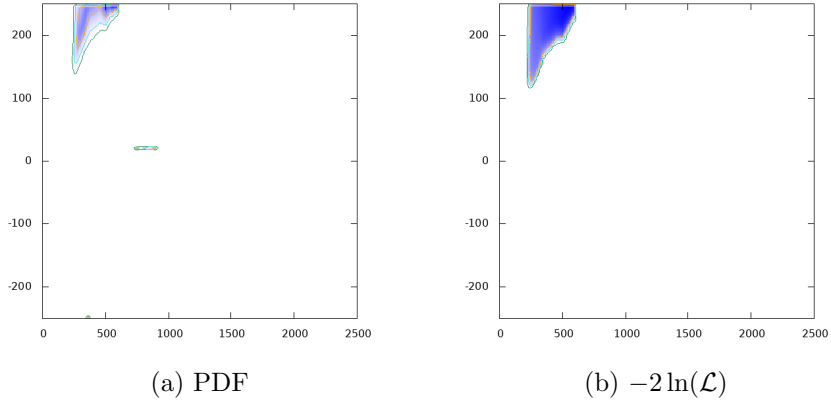


Figure 25: $Re(n_\tau)$ vs. m_H GeV

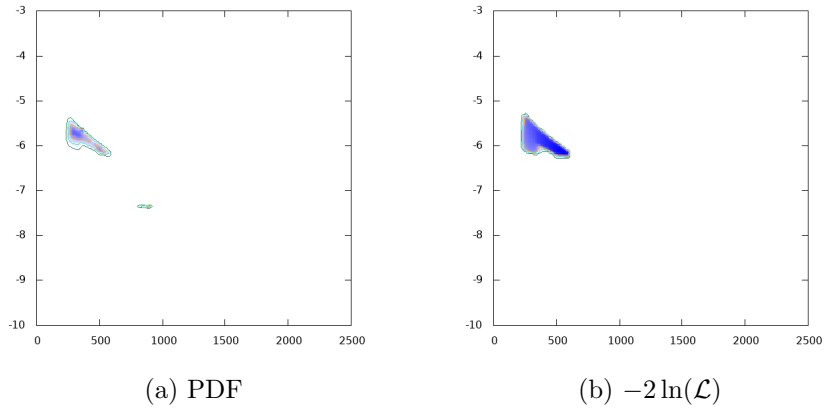


Figure 26: $\log_{10}|\delta a_\tau|$ vs. m_H GeV

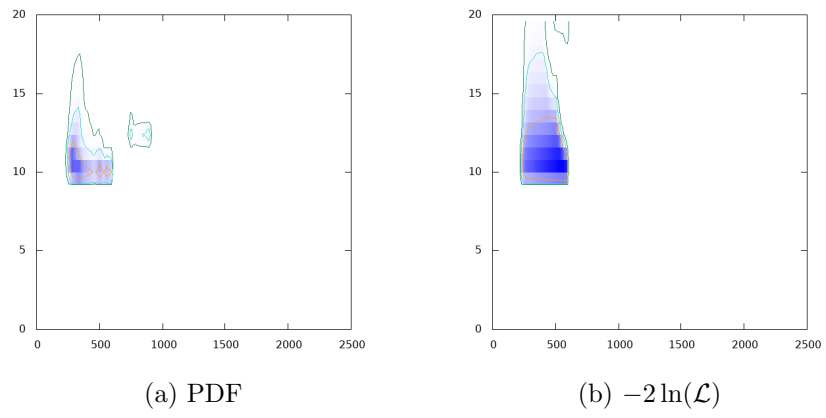


Figure 27: $\chi^2(\text{tree Charged})$ vs. m_H GeV

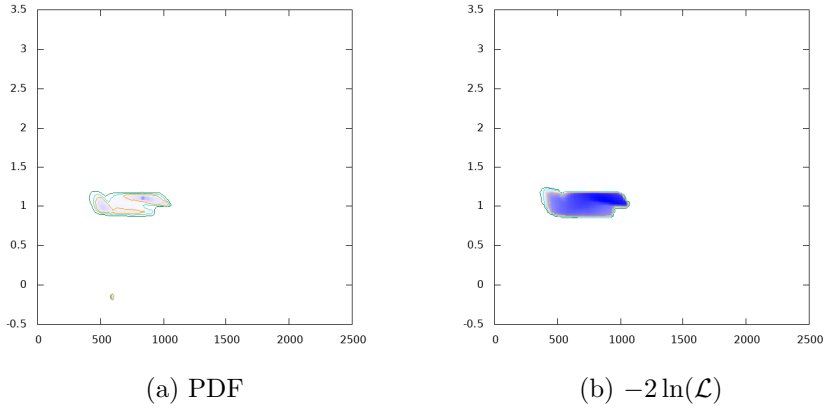


Figure 28: $\log_{10} \tan \beta$ vs. m_A GeV

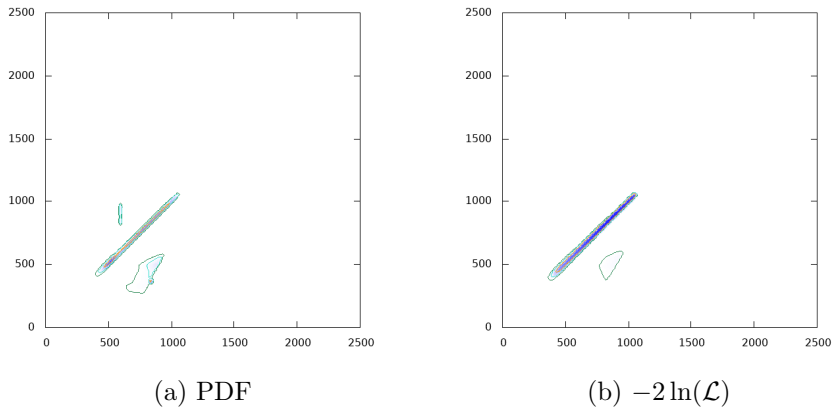


Figure 29: m_{H^\pm} GeV vs. m_A GeV

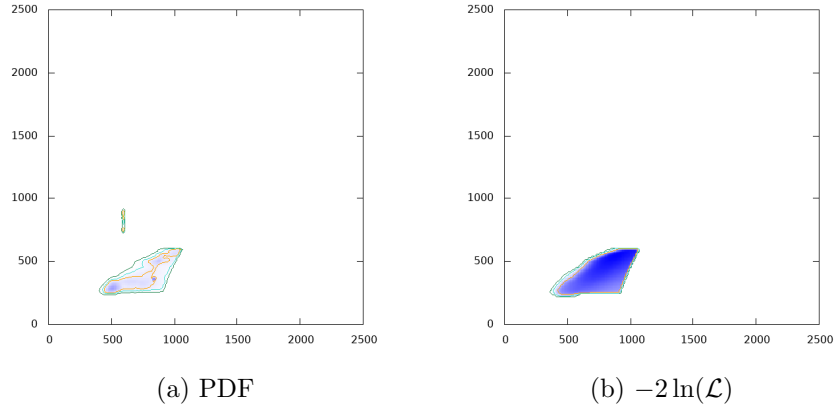


Figure 30: m_H GeV vs. m_A GeV

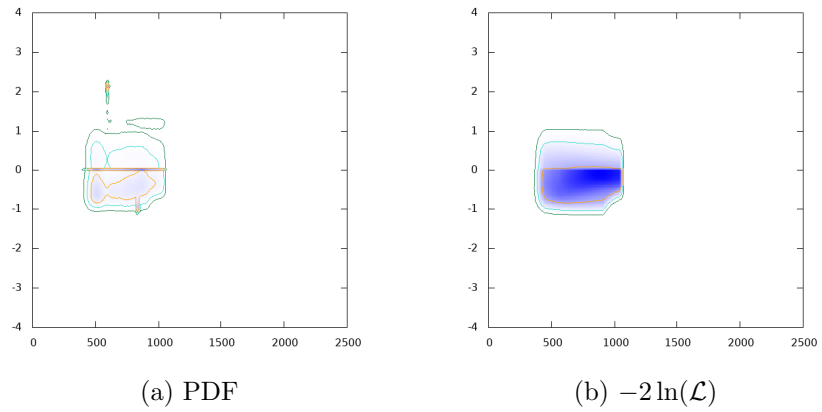


Figure 31: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. m_A GeV

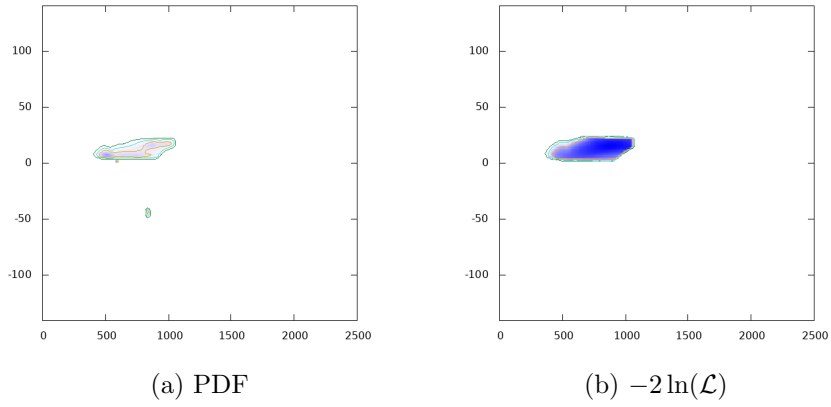


Figure 32: $Re(n_e)$ vs. m_A GeV

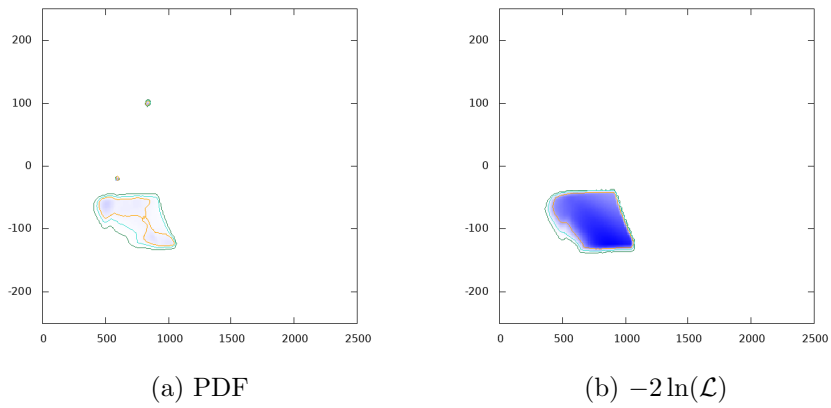


Figure 33: $Re(n_\mu)$ vs. m_A GeV

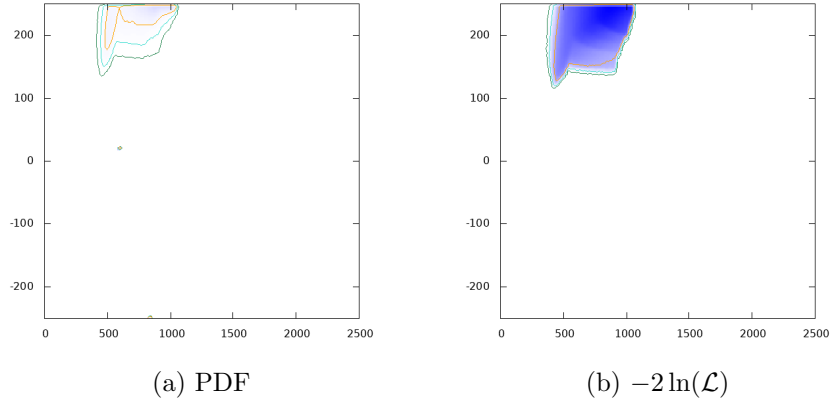


Figure 34: $Re(n_\tau)$ vs. m_A GeV

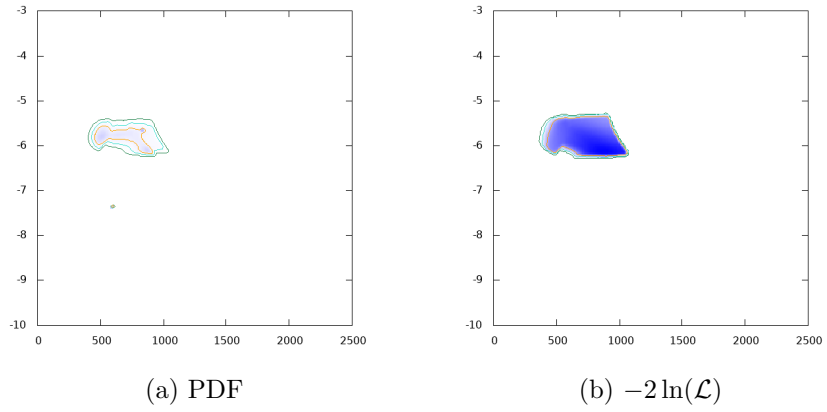


Figure 35: $\log_{10}|\delta a_\tau|$ vs. m_A GeV

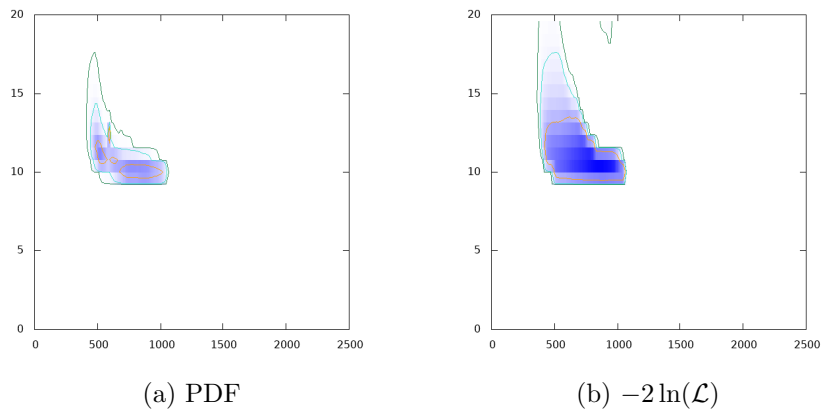


Figure 36: $\chi^2(\text{tree Charged})$ vs. m_A GeV

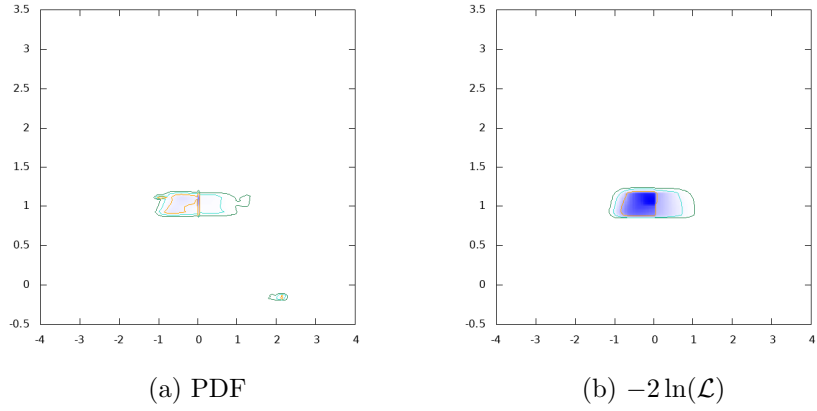


Figure 37: $\log_{10} \tan \beta$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

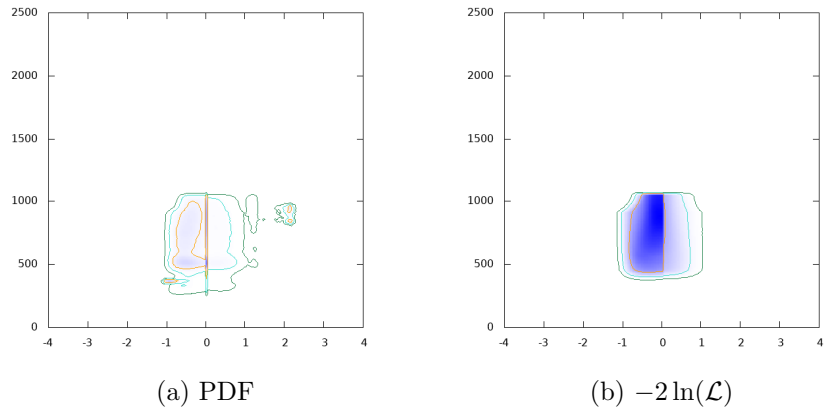
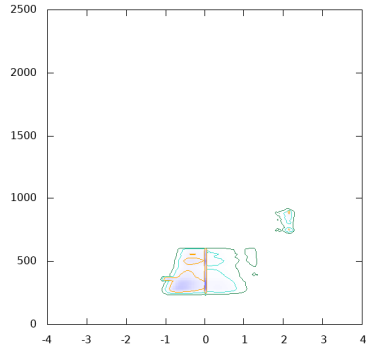
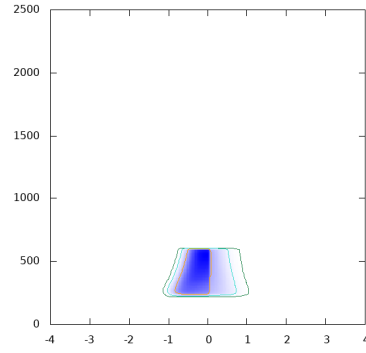


Figure 38: m_{H^\pm} GeV vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

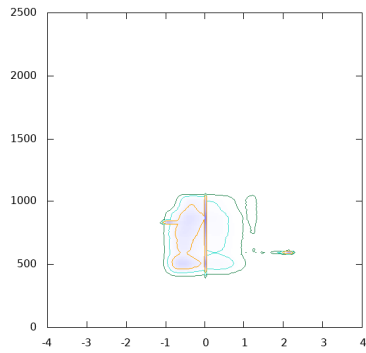


(a) PDF

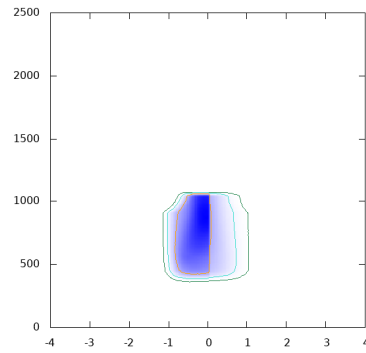


(b) $-2\ln(\mathcal{L})$

Figure 39: m_H GeV vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$



(a) PDF



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

Figure 40: m_A GeV vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

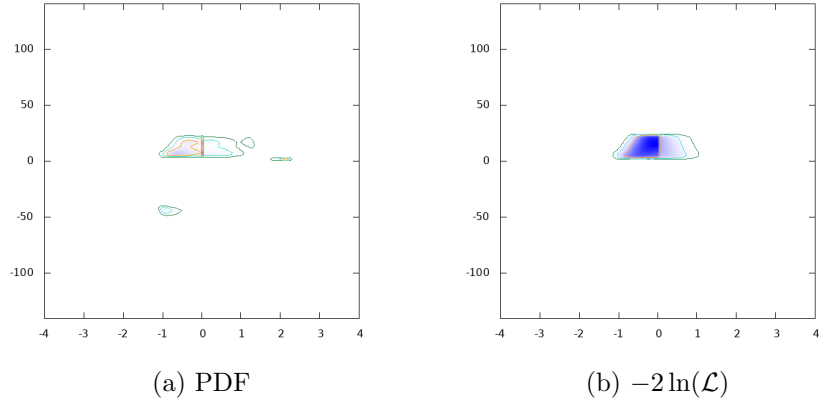


Figure 41: $Re(n_e)$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

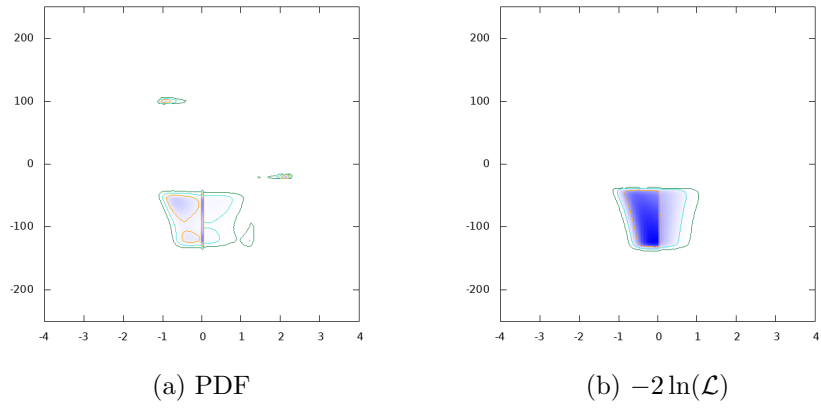


Figure 42: $Re(n_\mu)$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

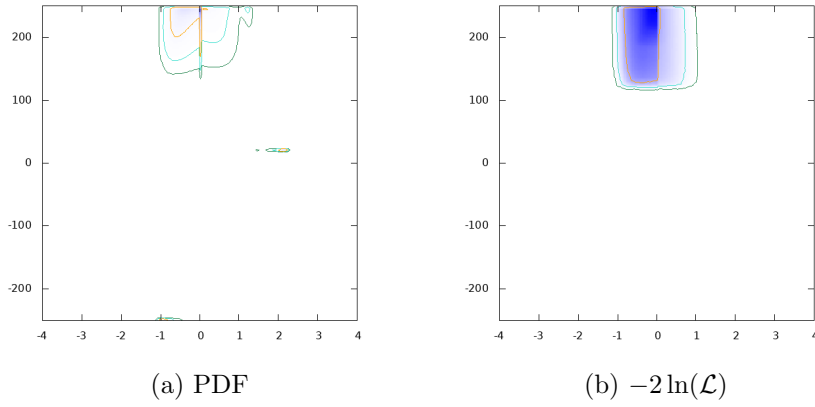


Figure 43: $Re(n_\tau)$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

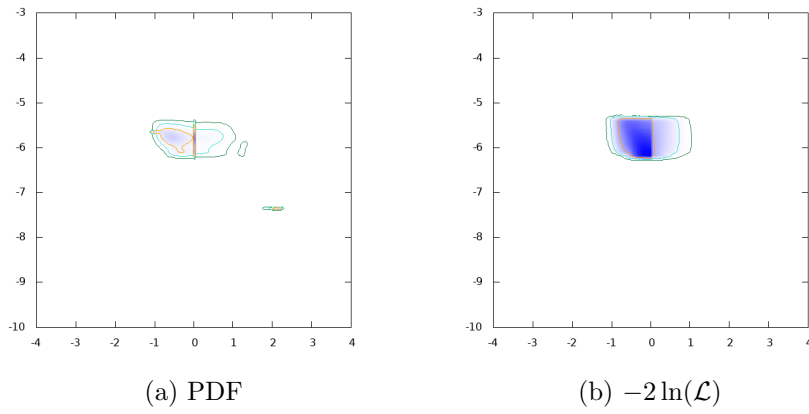


Figure 44: $\log_{10}|\delta a_\tau|$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

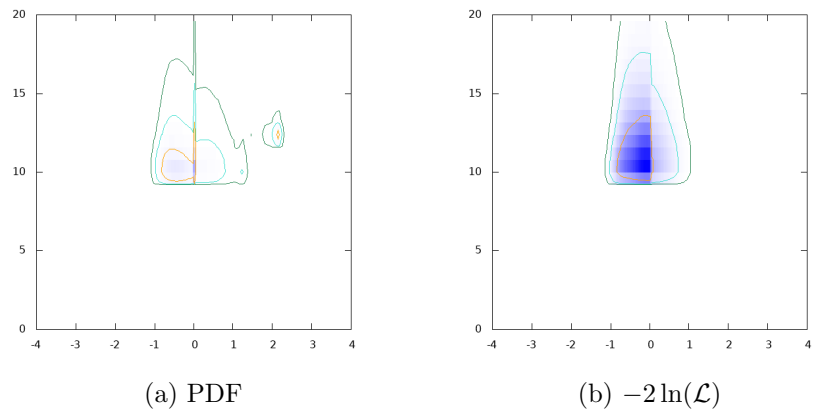


Figure 45: $\chi^2(\text{tree Charged})$ vs. $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$

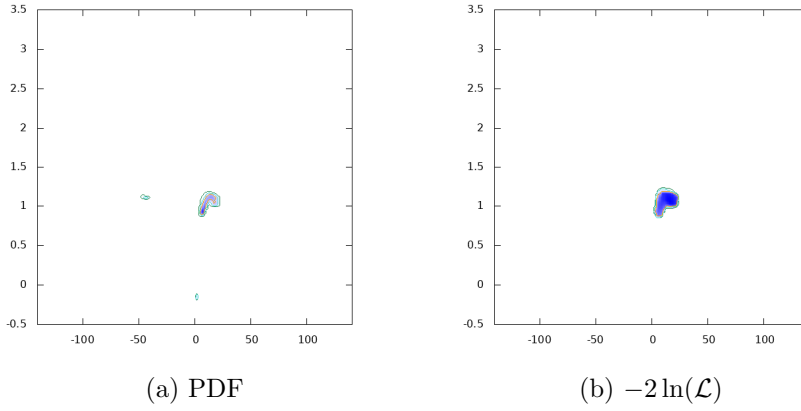


Figure 46: $\log_{10} \tan \beta$ vs. $Re(n_e)$

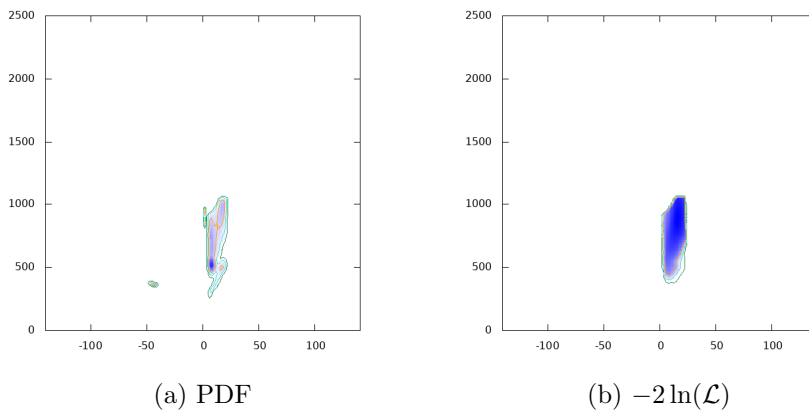


Figure 47: m_{H^\pm} GeV vs. $Re(n_e)$

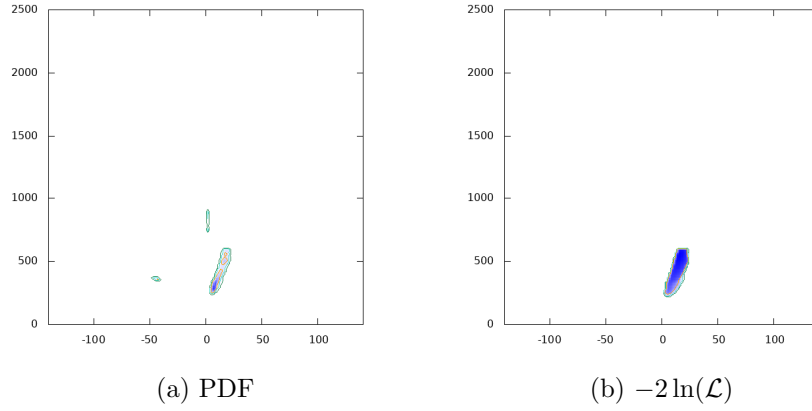


Figure 48: m_H GeV vs. $Re(n_e)$

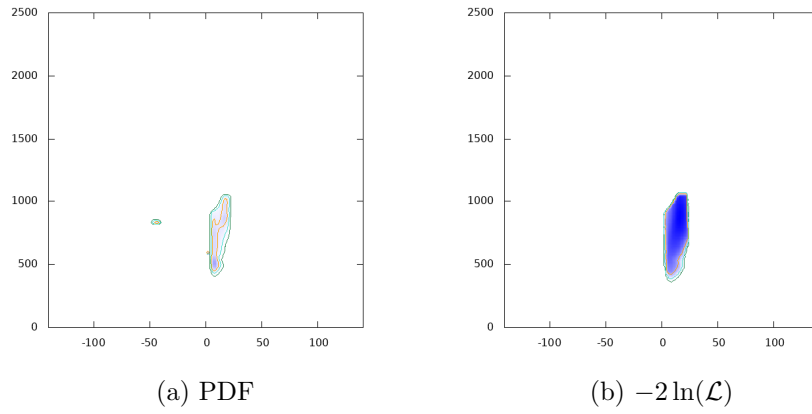
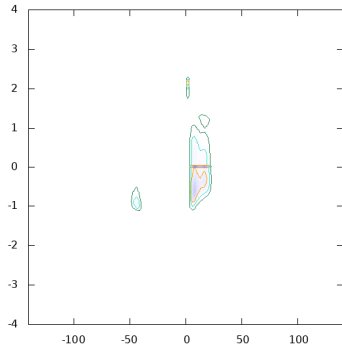
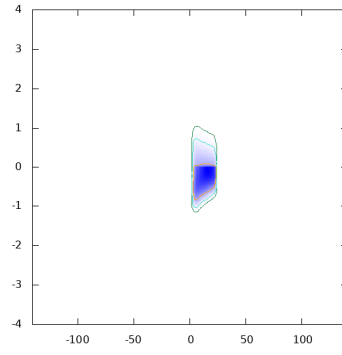


Figure 49: m_A GeV vs. $Re(n_e)$

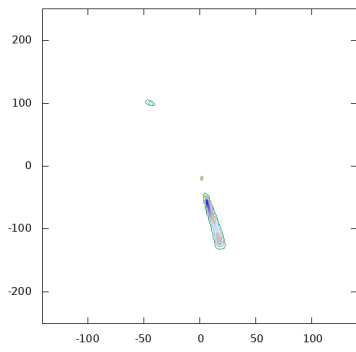


(a) PDF

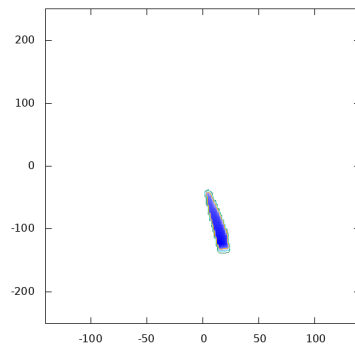


(b) $-2\ln(\mathcal{L})$

Figure 50: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $Re(n_e)$



(a) PDF



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

Figure 51: $Re(n_\mu)$ vs. $Re(n_e)$

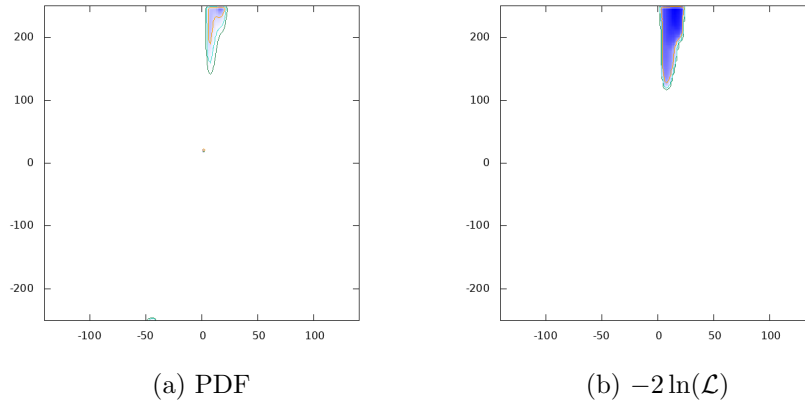


Figure 52: $Re(n_\tau)$ vs. $Re(n_e)$

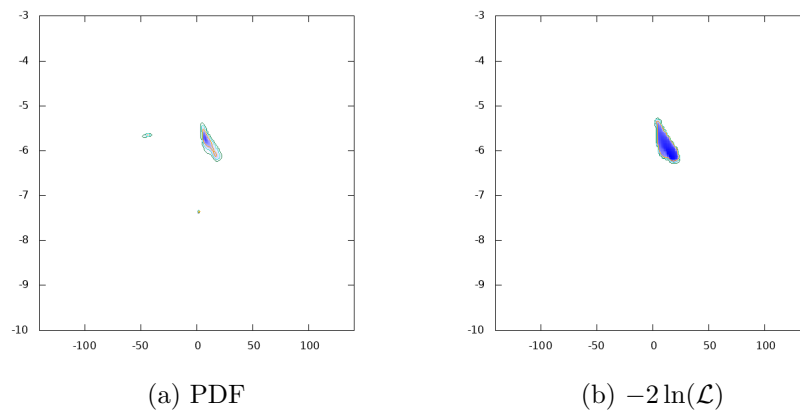


Figure 53: $\log_{10}|\delta a_\tau|$ vs. $Re(n_e)$

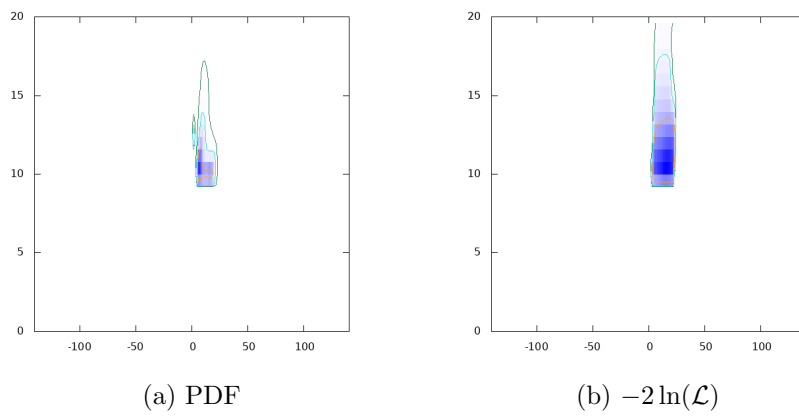


Figure 54: $\chi^2(\text{tree Charged})$ vs. $Re(n_e)$

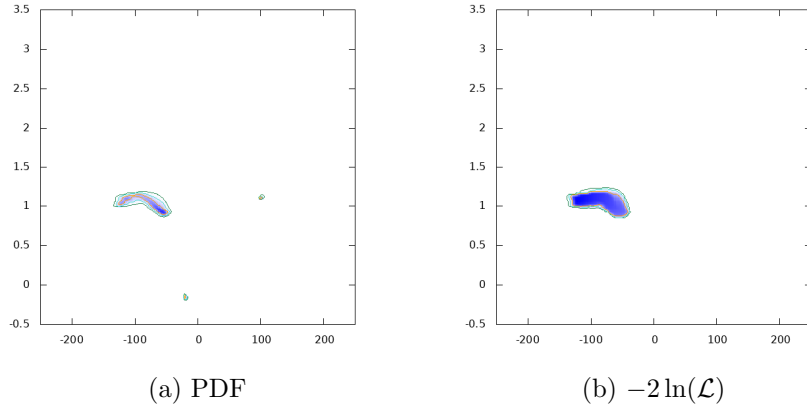


Figure 55: $\log_{10} \tan \beta$ vs. $Re(n_\mu)$

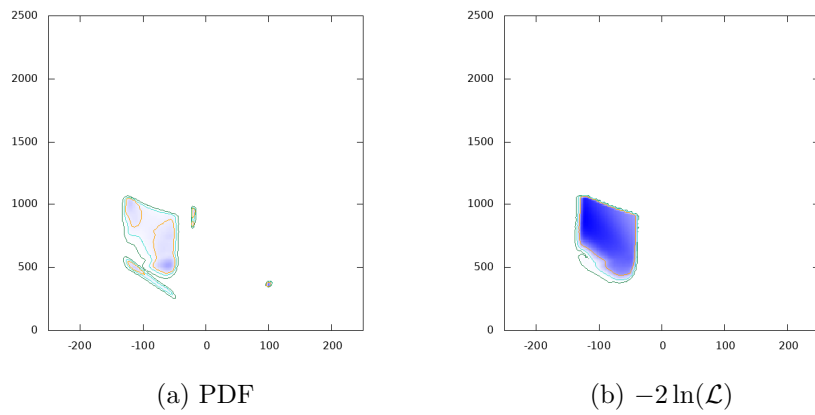
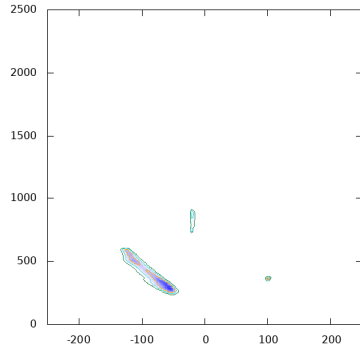
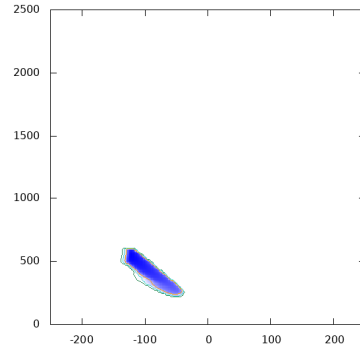


Figure 56: m_{H^\pm} GeV vs. $Re(n_\mu)$

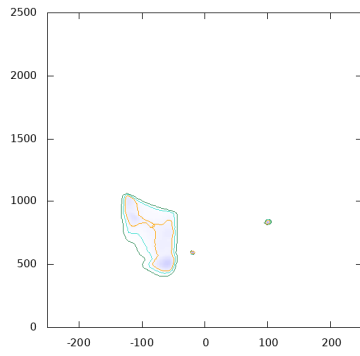


(a) PDF

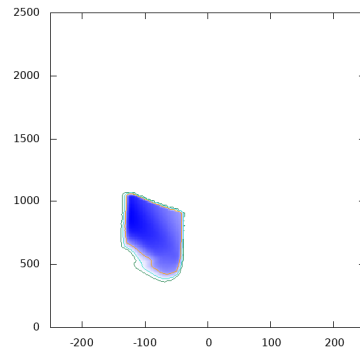


(b) $-2\ln(\mathcal{L})$

Figure 57: m_H GeV vs. $Re(n_\mu)$



(a) PDF



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

Figure 58: m_A GeV vs. $Re(n_\mu)$

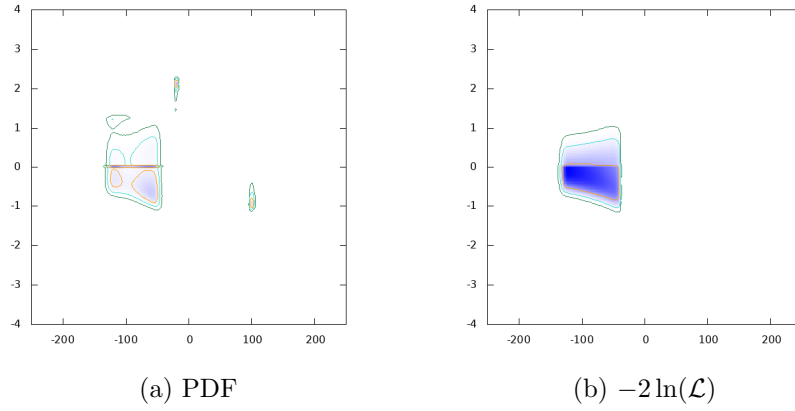


Figure 59: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $Re(n_\mu)$

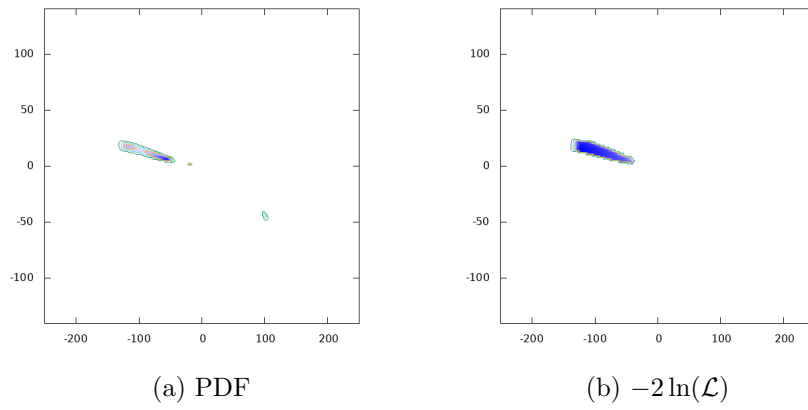


Figure 60: $Re(n_e)$ vs. $Re(n_\mu)$

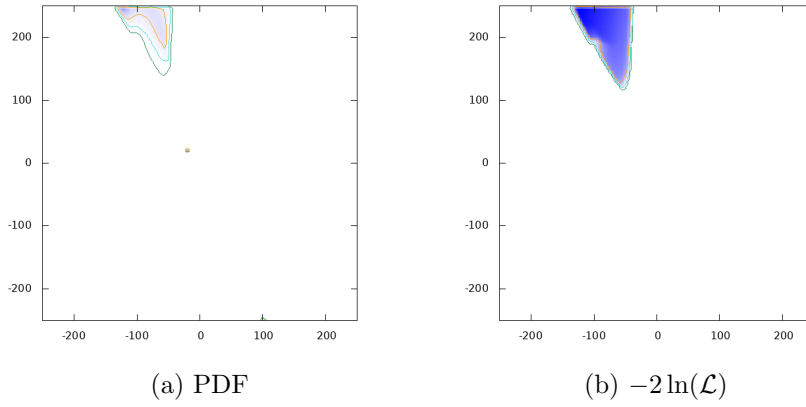


Figure 61: $Re(n_\tau)$ vs. $Re(n_\mu)$

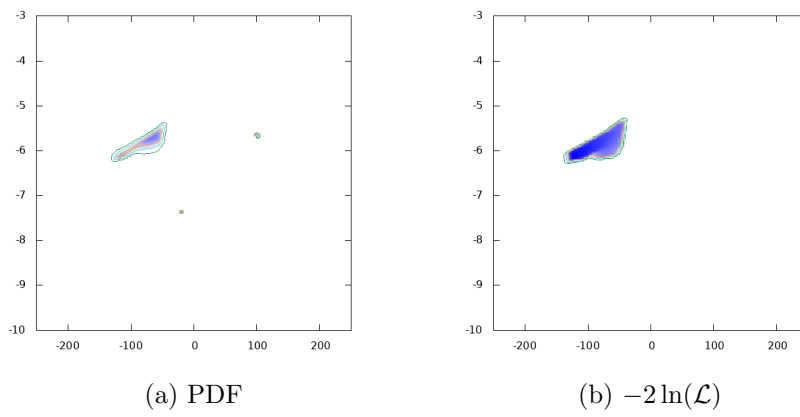


Figure 62: $\log_{10}|\delta a_\tau|$ vs. $Re(n_\mu)$

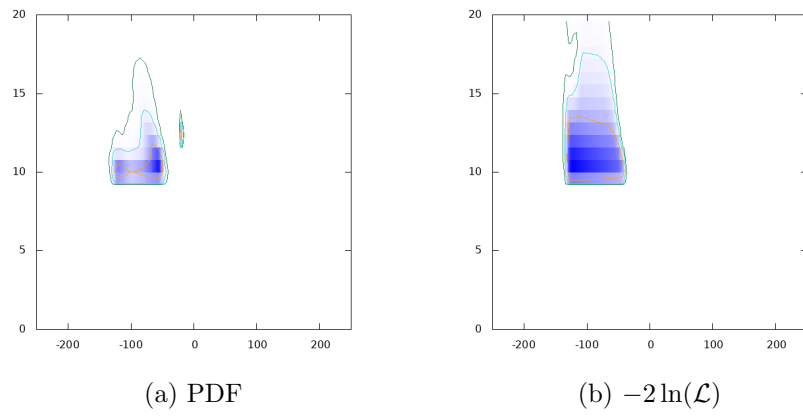


Figure 63: $\chi^2(\text{tree Charged})$ vs. $Re(n_\mu)$

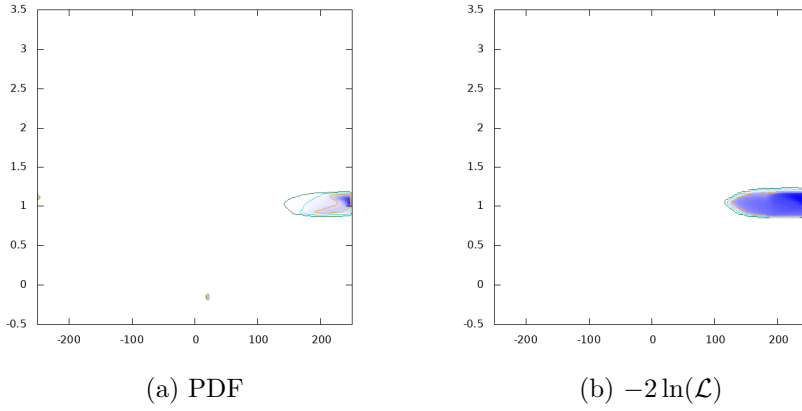


Figure 64: $\log_{10} \tan \beta$ vs. $Re(n_\tau)$

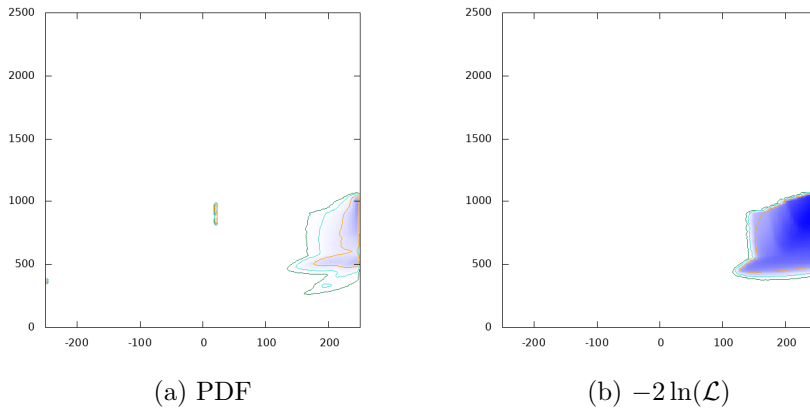


Figure 65: m_{H^\pm} GeV vs. $Re(n_\tau)$

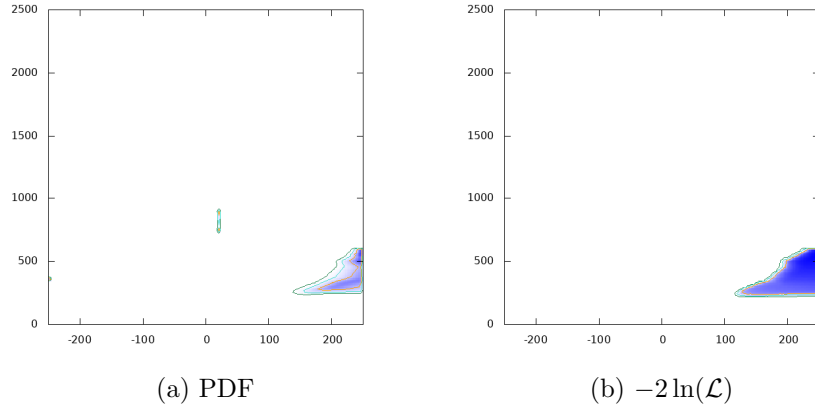


Figure 66: m_H GeV vs. $Re(n_\tau)$

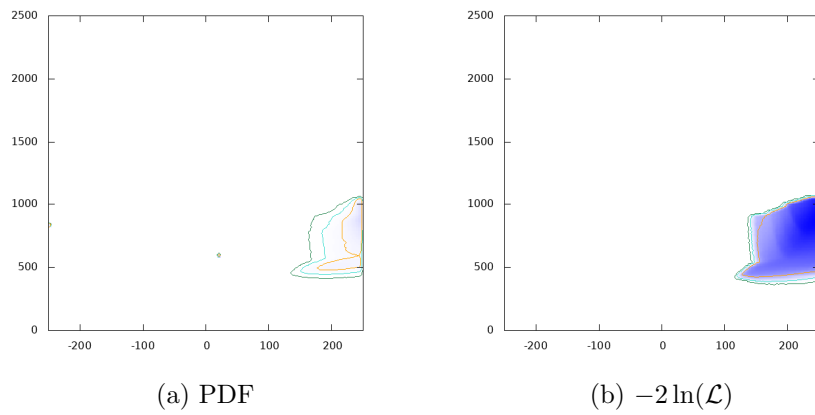


Figure 67: m_A GeV vs. $Re(n_\tau)$

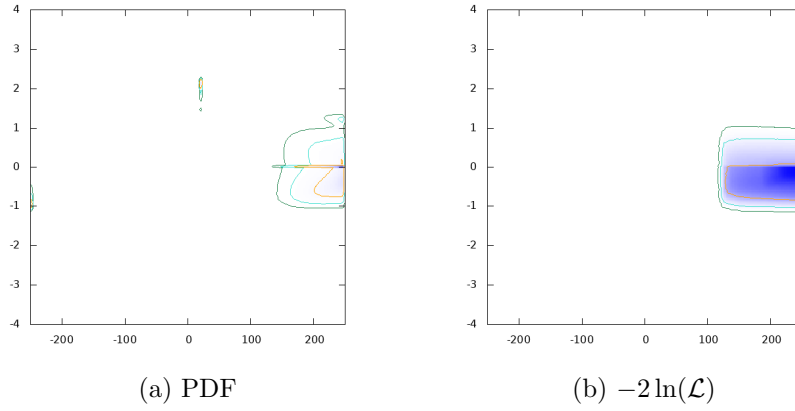


Figure 68: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $Re(n_\tau)$

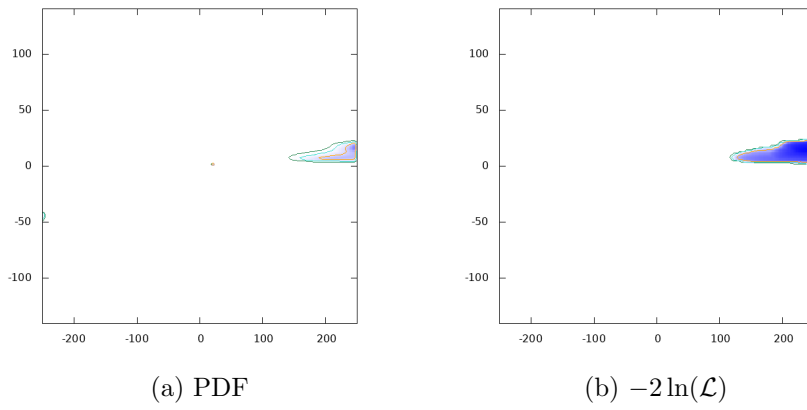


Figure 69: $Re(n_e)$ vs. $Re(n_\tau)$

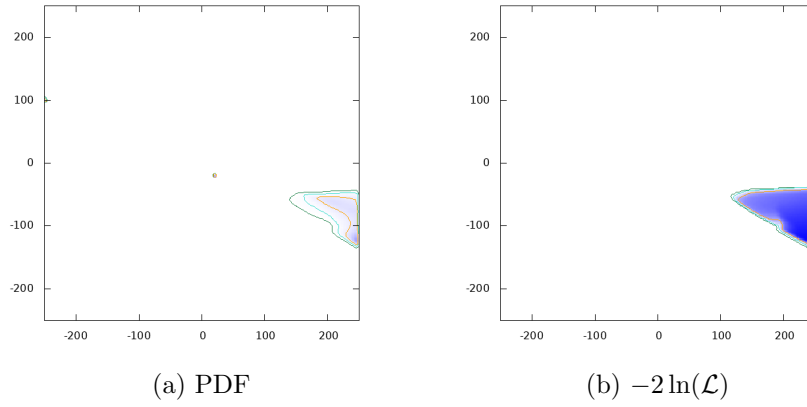


Figure 70: $Re(n_\mu)$ vs. $Re(n_\tau)$

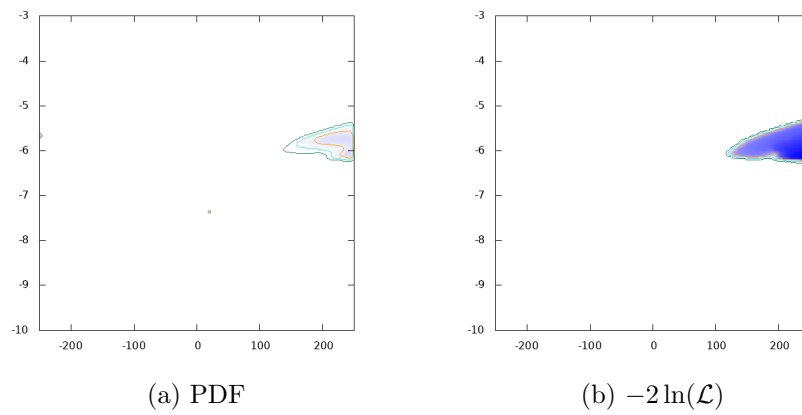


Figure 71: $\log_{10}|\delta a_\tau|$ vs. $Re(n_\tau)$

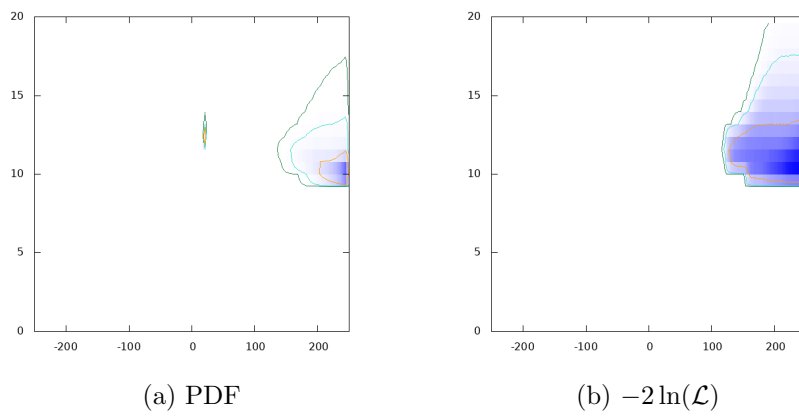


Figure 72: $\chi^2(\text{tree Charged})$ vs. $Re(n_\tau)$

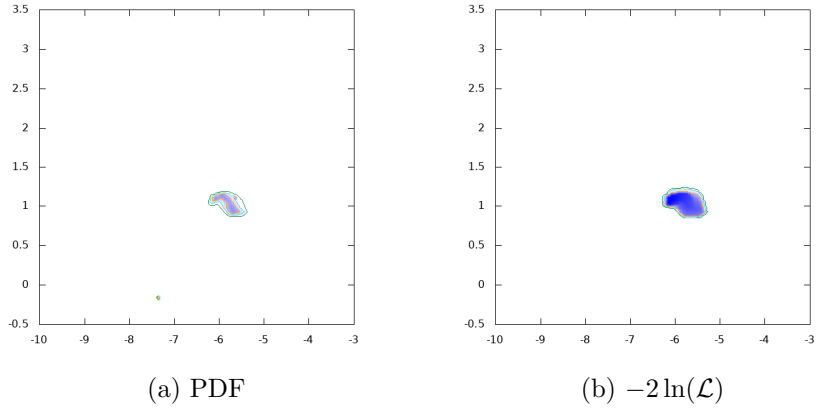


Figure 73: $\log_{10} \tan \beta$ vs. $\log_{10} |\delta a_\tau|$

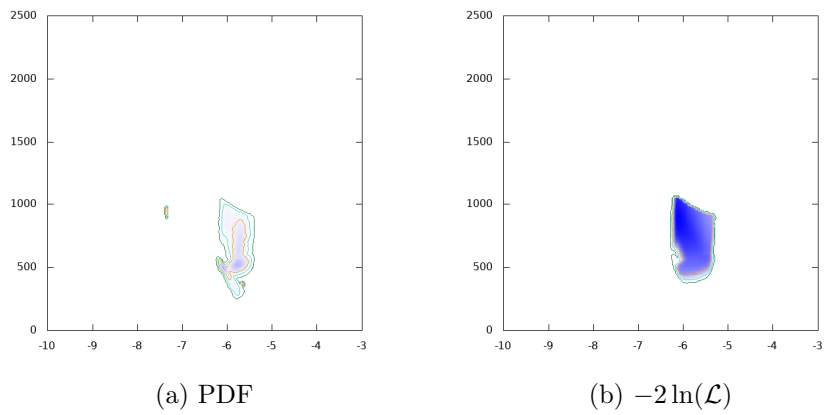


Figure 74: m_{H^\pm} GeV vs. $\log_{10} |\delta a_\tau|$

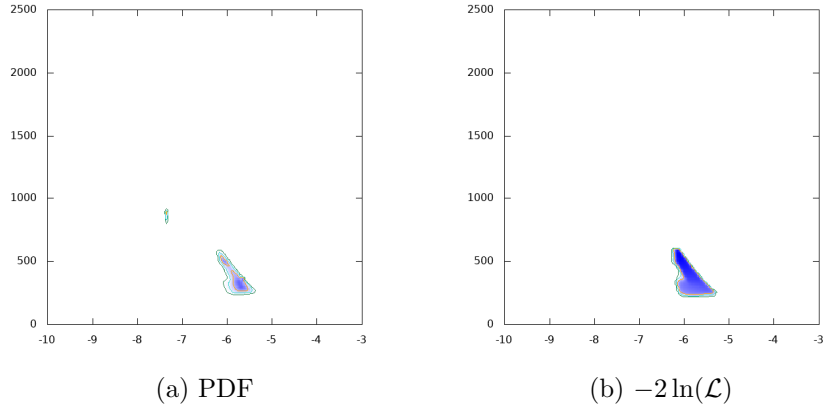


Figure 75: m_H GeV vs. $\log_{10}|\delta a_\tau|$

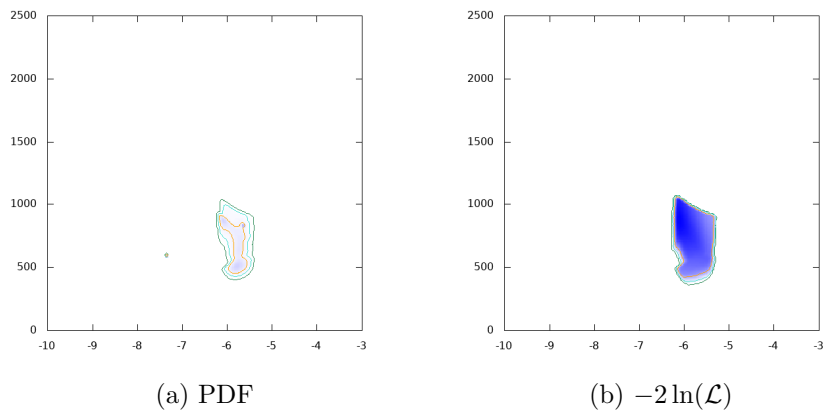


Figure 76: m_A GeV vs. $\log_{10}|\delta a_\tau|$

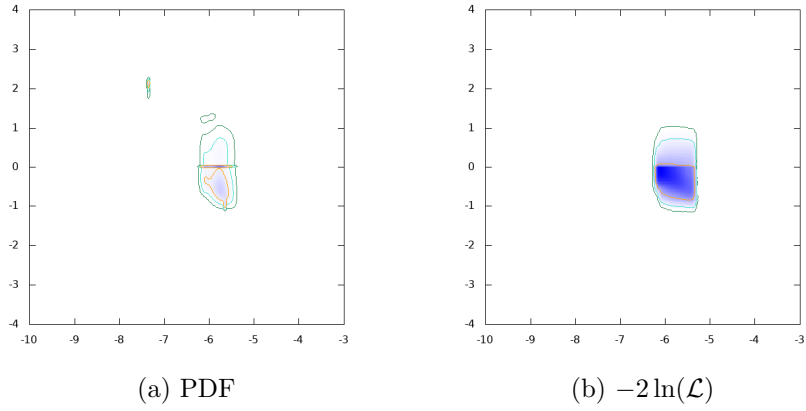


Figure 77: $R_{21}(\log_{10}, [-1; \pm 10^{-4}; +1])$ vs. $\log_{10}|\delta a_\tau|$

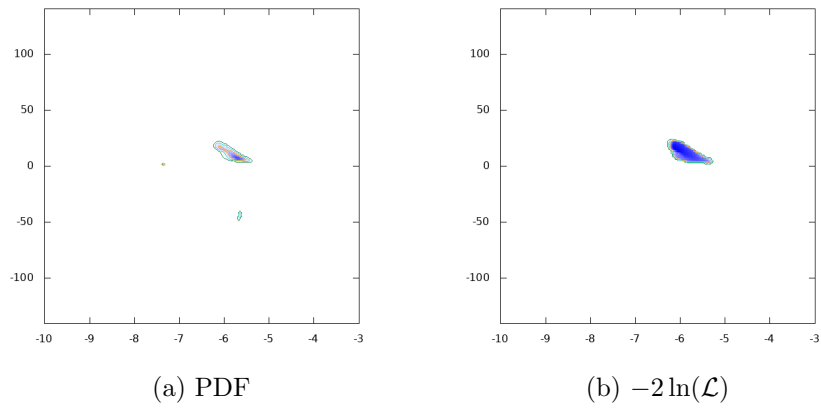


Figure 78: $Re(n_e)$ vs. $\log_{10}|\delta a_\tau|$

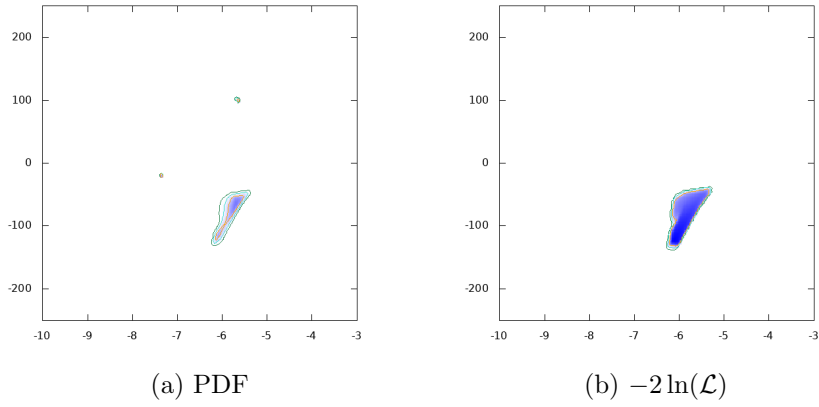


Figure 79: $Re(n_\mu)$ vs. $\log_{10}|\delta a_\tau|$

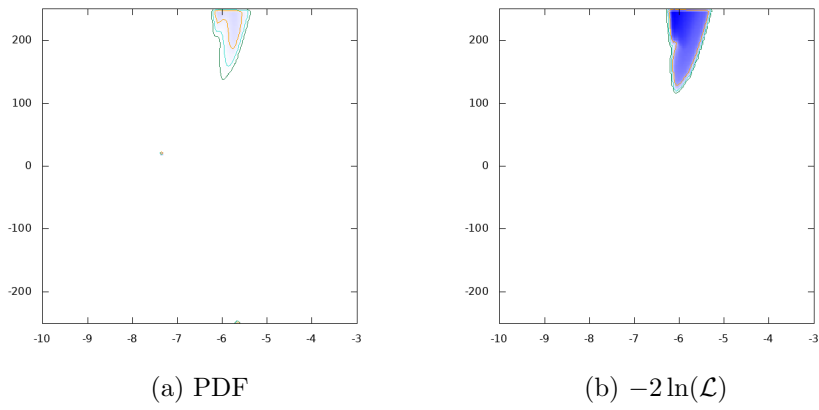


Figure 80: $Re(n_\tau)$ vs. $\log_{10}|\delta a_\tau|$

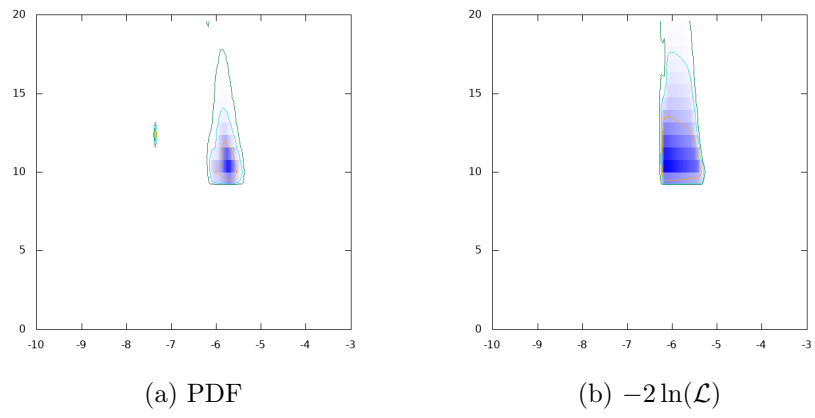


Figure 81: $\chi^2(\text{tree Charged})$ vs. $\log_{10}|\delta a_\tau|$

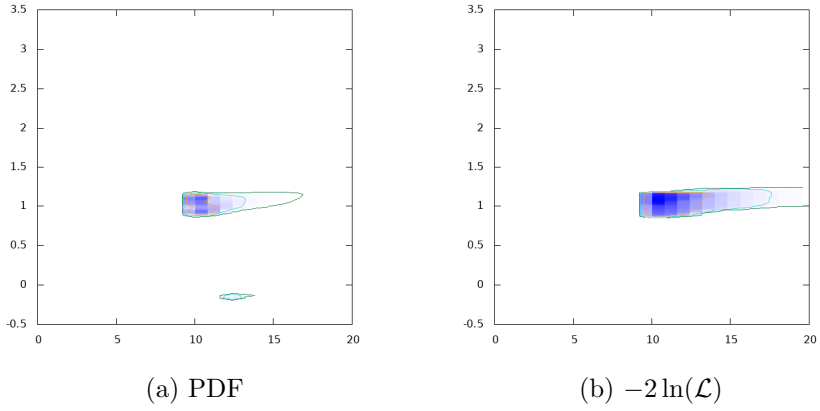


Figure 82: $\log_{10} \tan \beta$ vs. $\chi^2(\text{tree Charged})$

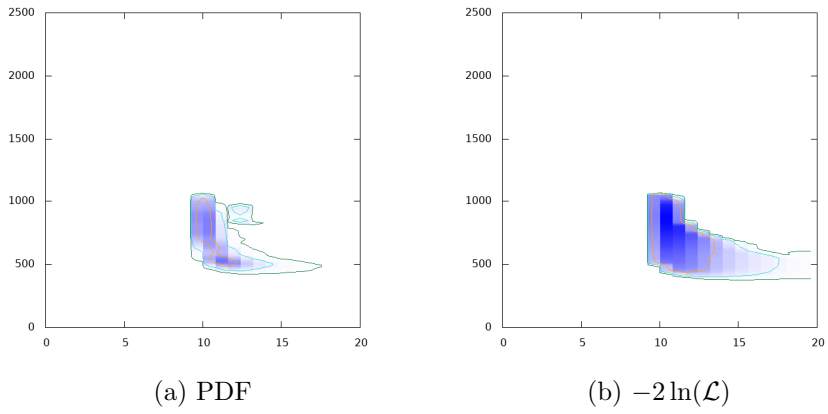


Figure 83: m_{H^\pm} GeV vs. $\chi^2(\text{tree Charged})$

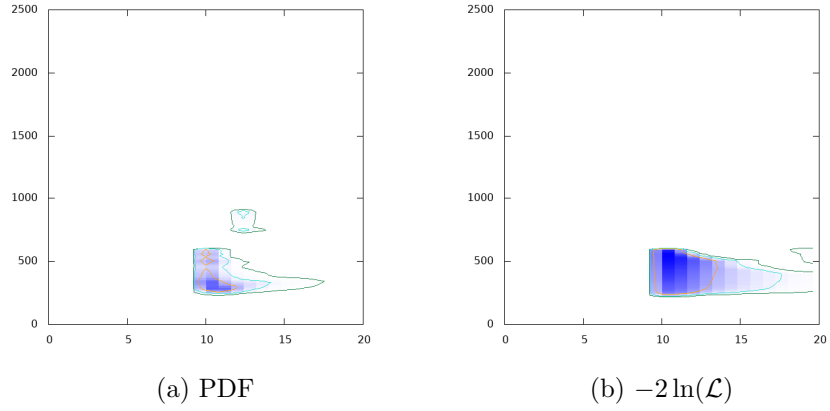


Figure 84: m_H GeV vs. $\chi^2(\text{tree Charged})$

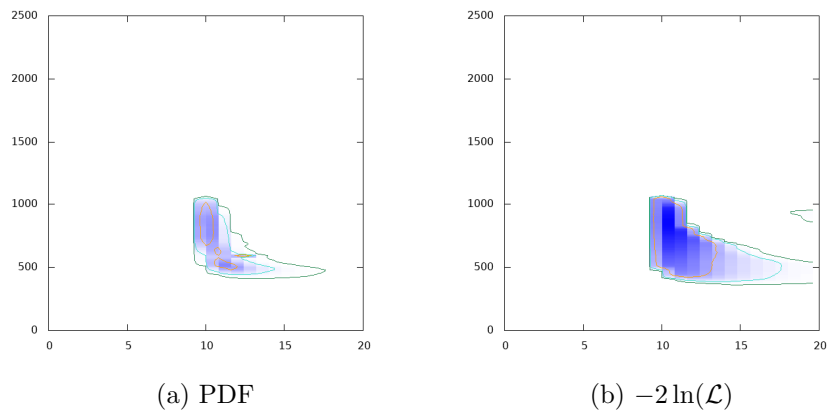


Figure 85: m_A GeV vs. $\chi^2(\text{tree Charged})$

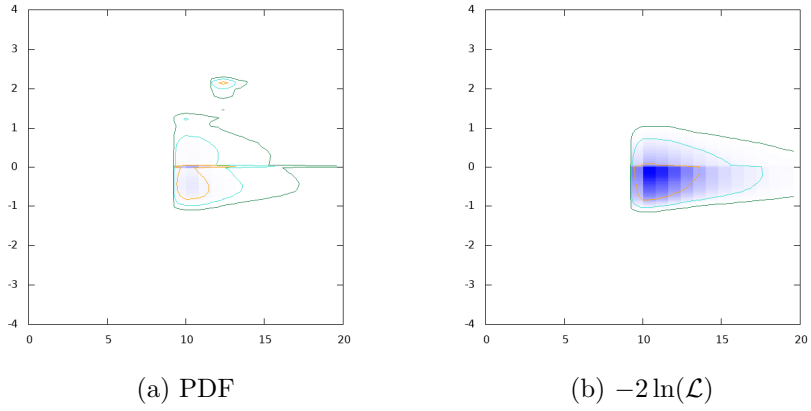


Figure 86: $R_{21}(\log_{10}, [-1; \pm 10^{-4}, +1])$ vs. $\chi^2(\text{tree Charged})$

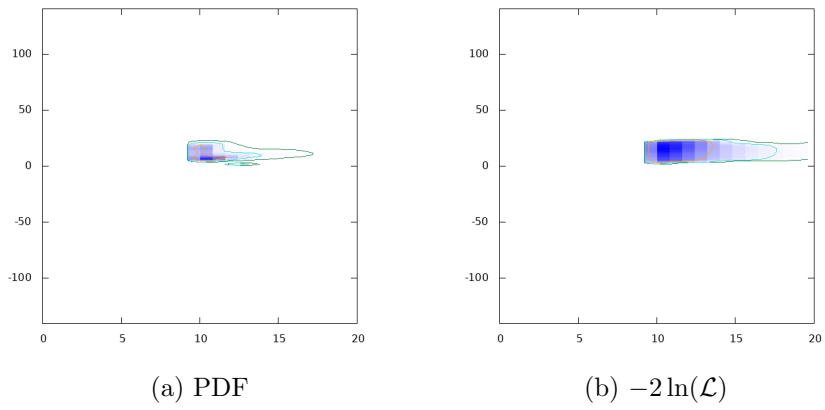


Figure 87: $Re(n_e)$ vs. $\chi^2(\text{tree Charged})$

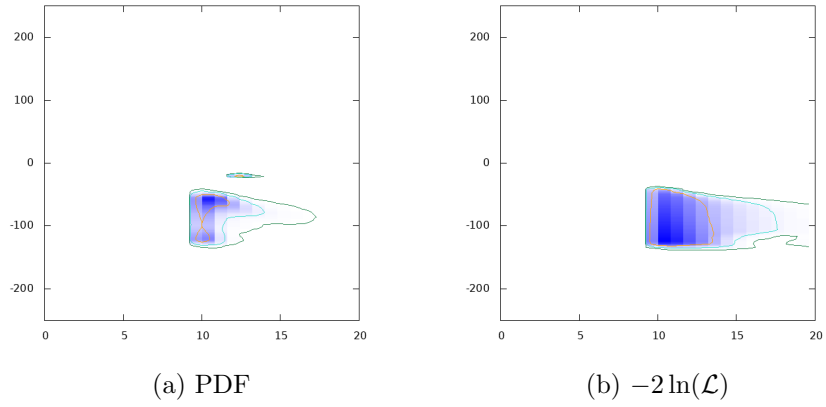


Figure 88: $Re(n_\mu)$ vs. $\chi^2(\text{tree Charged})$

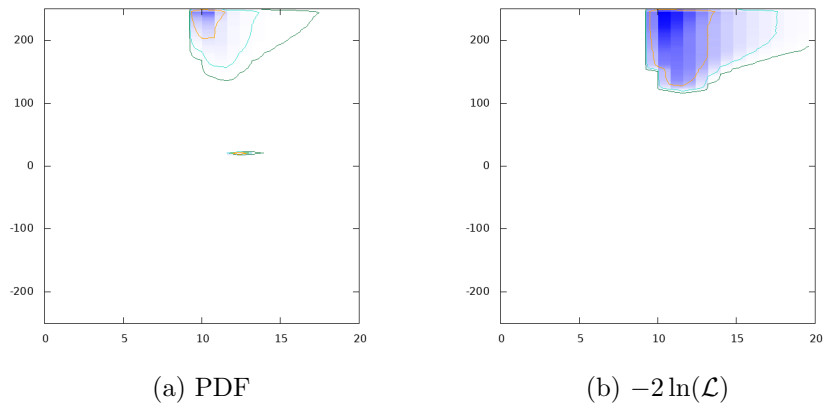


Figure 89: $Re(n_\tau)$ vs. $\chi^2(\text{tree Charged})$

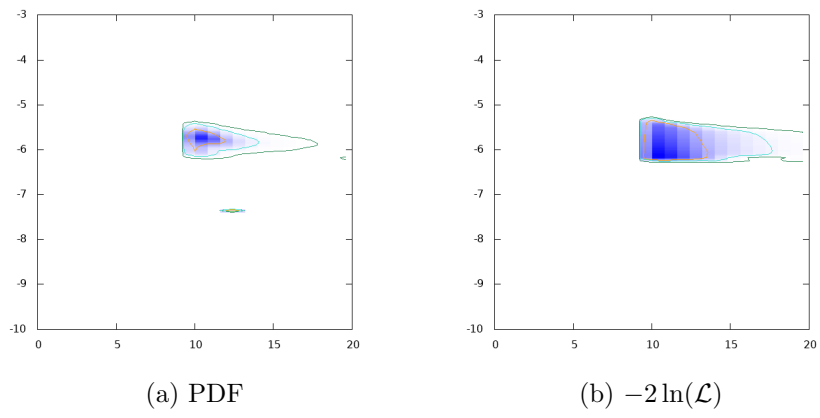


Figure 90: $\log_{10}|\delta a_\tau|$ vs. $\chi^2(\text{tree Charged})$