

Region	Φ	$m_{\pi^+\pi^-}$ (GeV/ c^2)	$m_{K^+K^-}$ (GeV/ c^2)	$\cos(\theta_{\pi^+})$	$\cos(\theta_{K^+})$
1	(0.00, 1.99)	(0.20, 0.65)	(0.60, 1.08)	(-1.00, -0.22)	(-1.00, -0.28)
2	(0.00, 1.99)	(0.20, 0.65)	(1.08, 1.70)	(-1.00, -0.24)	(-1.00, -0.14)
3	(0.00, 1.99)	(0.65, 1.00)	(0.60, 1.02)	(-1.00, -0.09)	(-1.00, -0.03)
4	(0.00, 1.99)	(0.65, 1.00)	(1.02, 1.70)	(-1.00, -0.09)	(-1.00, -0.26)
5	(1.99, 3.14)	(0.20, 0.68)	(0.60, 1.12)	(-1.00, -0.02)	(-1.00, -0.04)
6	(1.99, 3.14)	(0.20, 0.68)	(1.12, 1.70)	(-1.00, 0.01)	(-1.00, 0.07)
7	(1.99, 3.14)	(0.68, 1.00)	(0.60, 1.04)	(-1.00, 0.28)	(-1.00, -0.05)
8	(1.99, 3.14)	(0.68, 1.00)	(1.04, 1.70)	(-1.00, 0.27)	(-1.00, -0.08)
9	(0.00, 1.99)	(0.20, 0.65)	(0.60, 1.08)	(-0.22, 1.00)	(-1.00, -0.28)
10	(0.00, 1.99)	(0.20, 0.65)	(1.08, 1.70)	(-0.24, 1.00)	(-1.00, -0.15)
11	(0.00, 1.99)	(0.65, 1.00)	(0.60, 1.02)	(-0.09, 1.00)	(-1.00, -0.03)
12	(1.99, 3.14)	(0.20, 0.68)	(0.60, 1.12)	(-0.02, 1.00)	(-1.00, -0.04)
13	(1.99, 3.14)	(0.20, 0.68)	(1.12, 1.70)	(0.01, 1.00)	(-1.00, 0.07)
14	(1.99, 3.14)	(0.68, 1.00)	(0.60, 1.04)	(0.28, 1.00)	(-1.00, -0.05)
15	(1.99, 3.14)	(0.68, 1.00)	(1.04, 1.70)	(0.27, 1.00)	(-1.00, -0.08)
16	(0.00, 1.99)	(0.20, 0.65)	(0.60, 1.08)	(-1.00, 0.10)	(-0.28, 1.00)
17	(0.00, 1.99)	(0.20, 0.65)	(1.08, 1.70)	(-1.00, 0.01)	(-0.15, 1.00)
18	(0.00, 1.99)	(0.65, 1.00)	(0.60, 1.02)	(-1.00, 0.28)	(-0.03, 1.00)
19	(0.00, 1.99)	(0.65, 1.00)	(1.02, 1.70)	(-1.00, -0.12)	(-0.26, 1.00)
20	(1.99, 3.14)	(0.20, 0.68)	(0.60, 1.12)	(-1.00, 0.07)	(-0.04, 1.00)
21	(1.99, 3.14)	(0.20, 0.68)	(1.12, 1.70)	(-1.00, 0.11)	(0.07, 1.00)
22	(1.99, 3.14)	(0.68, 1.00)	(0.60, 1.04)	(-1.00, -0.13)	(-0.05, 1.00)
23	(1.99, 3.14)	(0.68, 1.00)	(1.04, 1.70)	(-1.00, -0.15)	(-0.08, 1.00)
24	(0.00, 1.99)	(0.20, 0.65)	(0.60, 1.08)	(0.10, 1.00)	(-0.28, 1.00)
25	(0.00, 1.99)	(0.20, 0.65)	(1.08, 1.70)	(0.01, 1.00)	(-0.15, 1.00)
26	(0.00, 1.99)	(0.65, 1.00)	(0.60, 1.02)	(0.28, 1.00)	(-0.03, 1.00)
27	(0.00, 1.99)	(0.65, 1.00)	(1.02, 1.70)	(-0.12, 1.00)	(-0.26, 1.00)
28	(1.99, 3.14)	(0.20, 0.68)	(0.60, 1.12)	(0.07, 1.00)	(-0.04, 1.00)
29	(1.99, 3.14)	(0.20, 0.68)	(1.12, 1.70)	(0.11, 1.00)	(0.07, 1.00)
30	(1.99, 3.14)	(0.68, 1.00)	(0.60, 1.04)	(-0.13, 1.00)	(-0.05, 1.00)
31	(0.00, 1.99)	(0.65, 1.00)	(1.02, 1.70)	(-0.10, 1.00)	(-1.00, -0.26)
32	(1.99, 3.14)	(0.68, 1.00)	(1.04, 1.70)	(-0.15, 1.00)	(-0.08, 1.00)