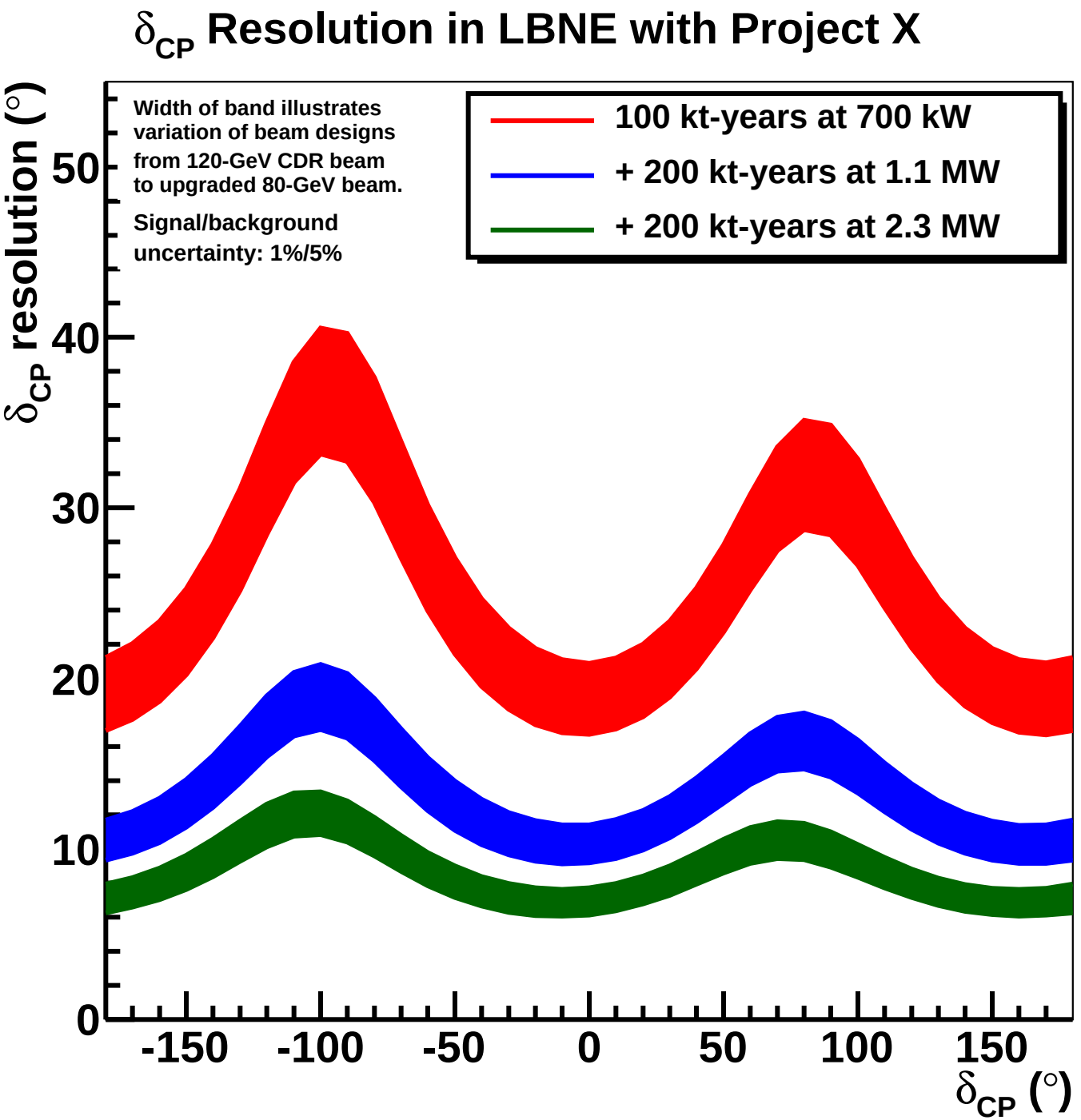
δCP Resolution in LBNE with Project X
Width of band illustrates variation of beam designs from 120-GeV CDR beam to upgraded 80-GeV beam.
Signal/background uncertainty: 1%/5%
100 kt-years at 700 kW
+ 200 kt-years at 1.1 MW
+ 200 kt-years at 2.3 MW
δCP resolution (°)
0
10
20
30
40
50
-150
-100
-50
0
50
100
150
δCP (°)