

## Appendix A

Invariant mass fit to  $B^+ \rightarrow D_s^+ \phi$   
candidates in each  $D_s^+$  decay mode  
category

A. Invariant mass fit to  $B^+ \rightarrow D_s^+ \phi$  candidates in each  $D_s^+$  decay mode category 167

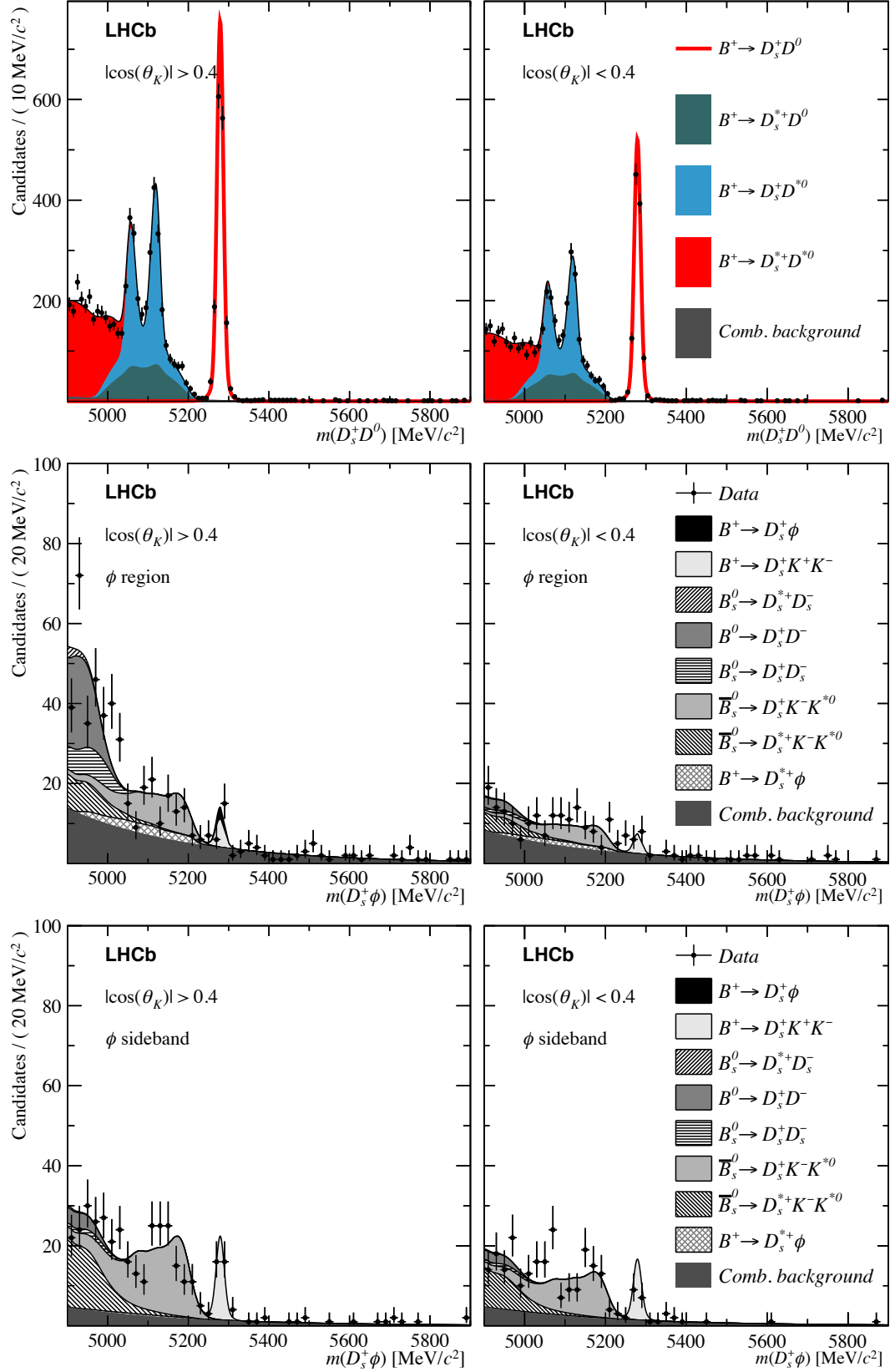


Figure A.1: Invariant mass fits to all  $B^+ \rightarrow D_s^+ \phi$  candidates

A. Invariant mass fit to  $B^+ \rightarrow D_s^+ \phi$  candidates in each  $D_s^+$  decay mode category 168

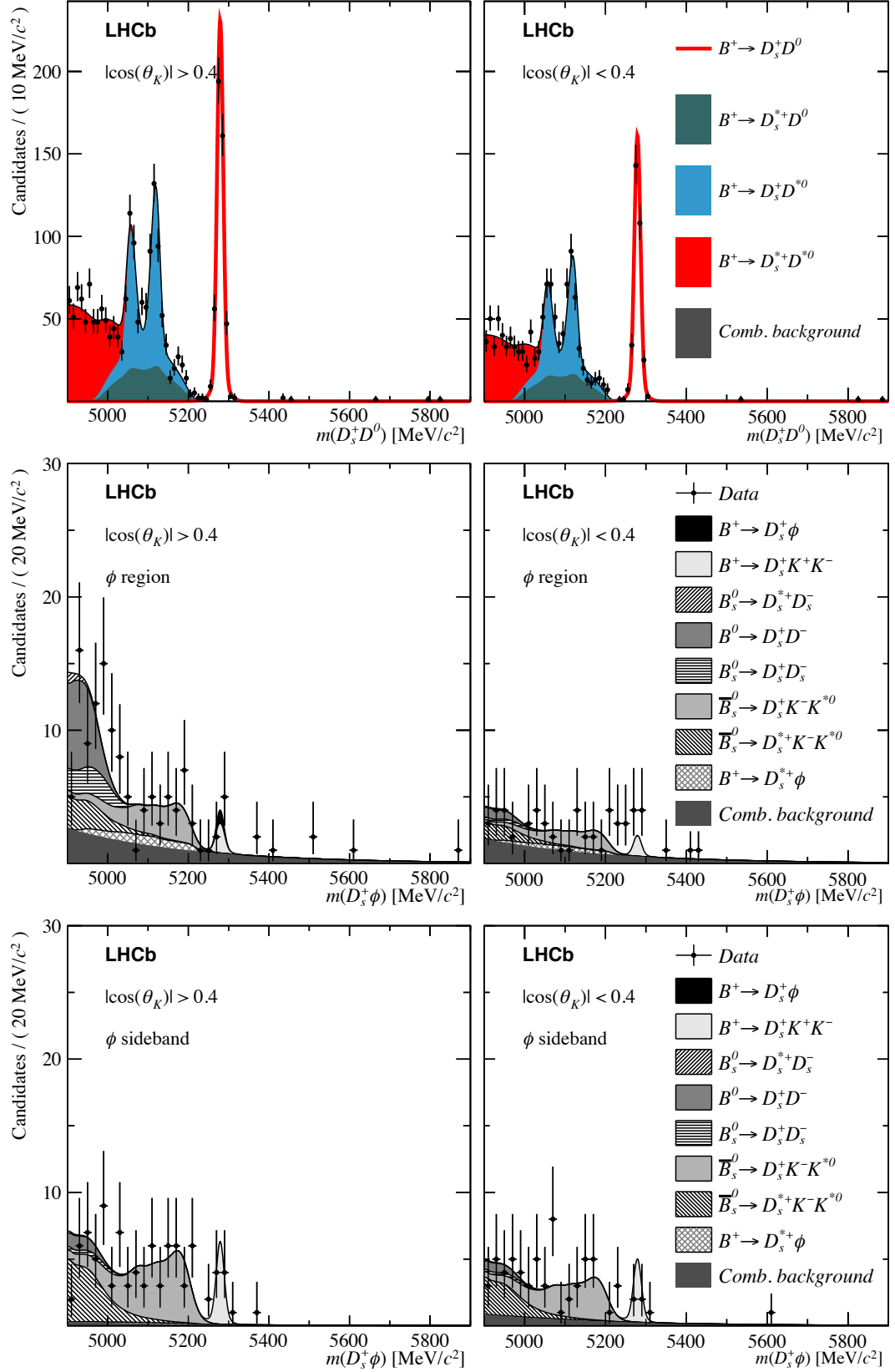


Figure A.2: Invariant mass fits to  $B^+ \rightarrow D_s^+ \phi$  candidates with  $D_s^+ \rightarrow \phi \pi^+$ .

A. Invariant mass fit to  $B^+ \rightarrow D_s^+ \phi$  candidates in each  $D_s^+$  decay mode category 169

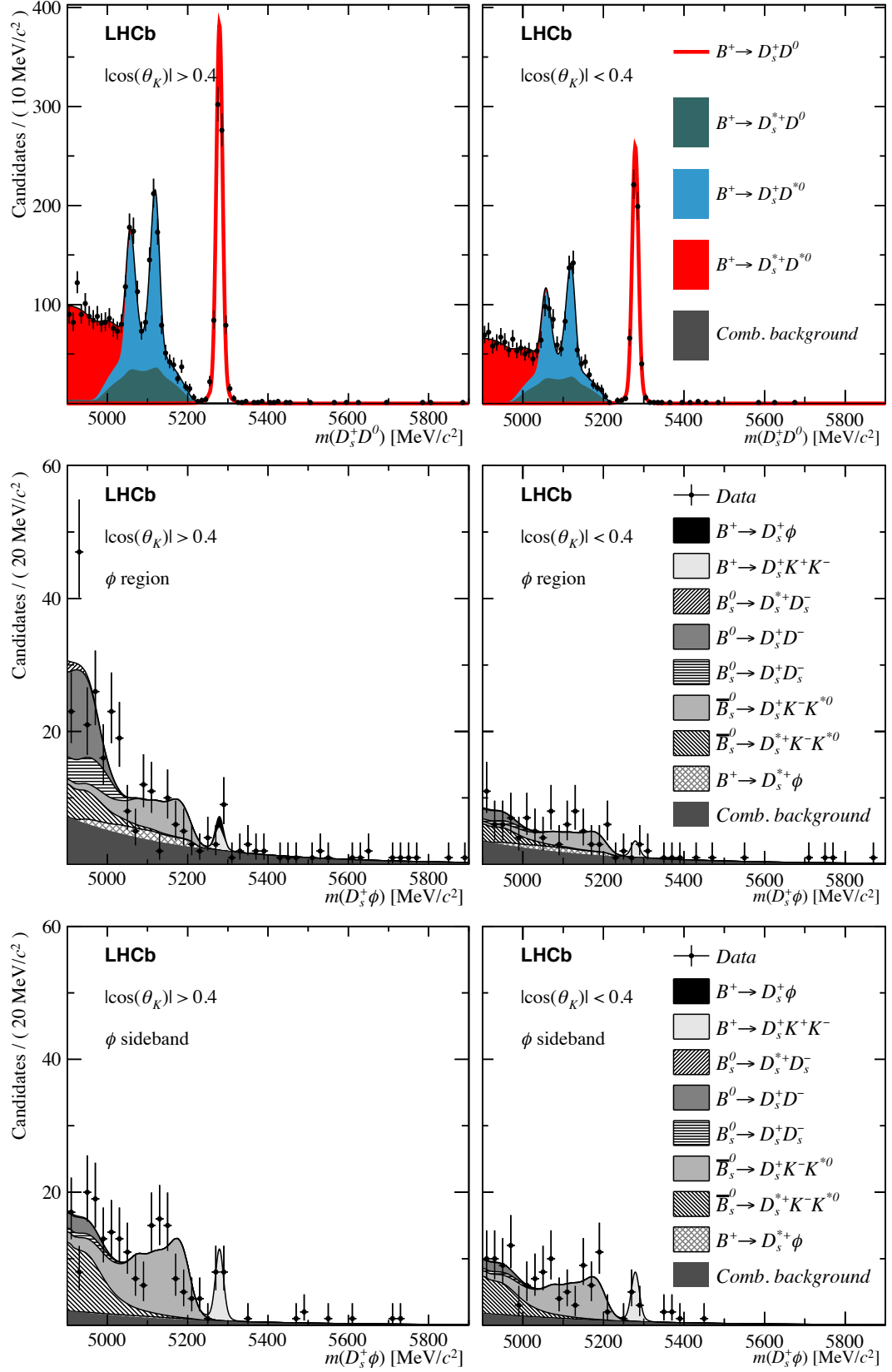


Figure A.3: Invariant mass fits to  $B^+ \rightarrow D_s^+ \phi$  candidates with  $D_s^+ \rightarrow K^+ K^- \pi^+$  (excluding  $D_s^+ \rightarrow \phi \pi^+$ ).

A. Invariant mass fit to  $B^+ \rightarrow D_s^+ \phi$  candidates in each  $D_s^+$  decay mode category 170

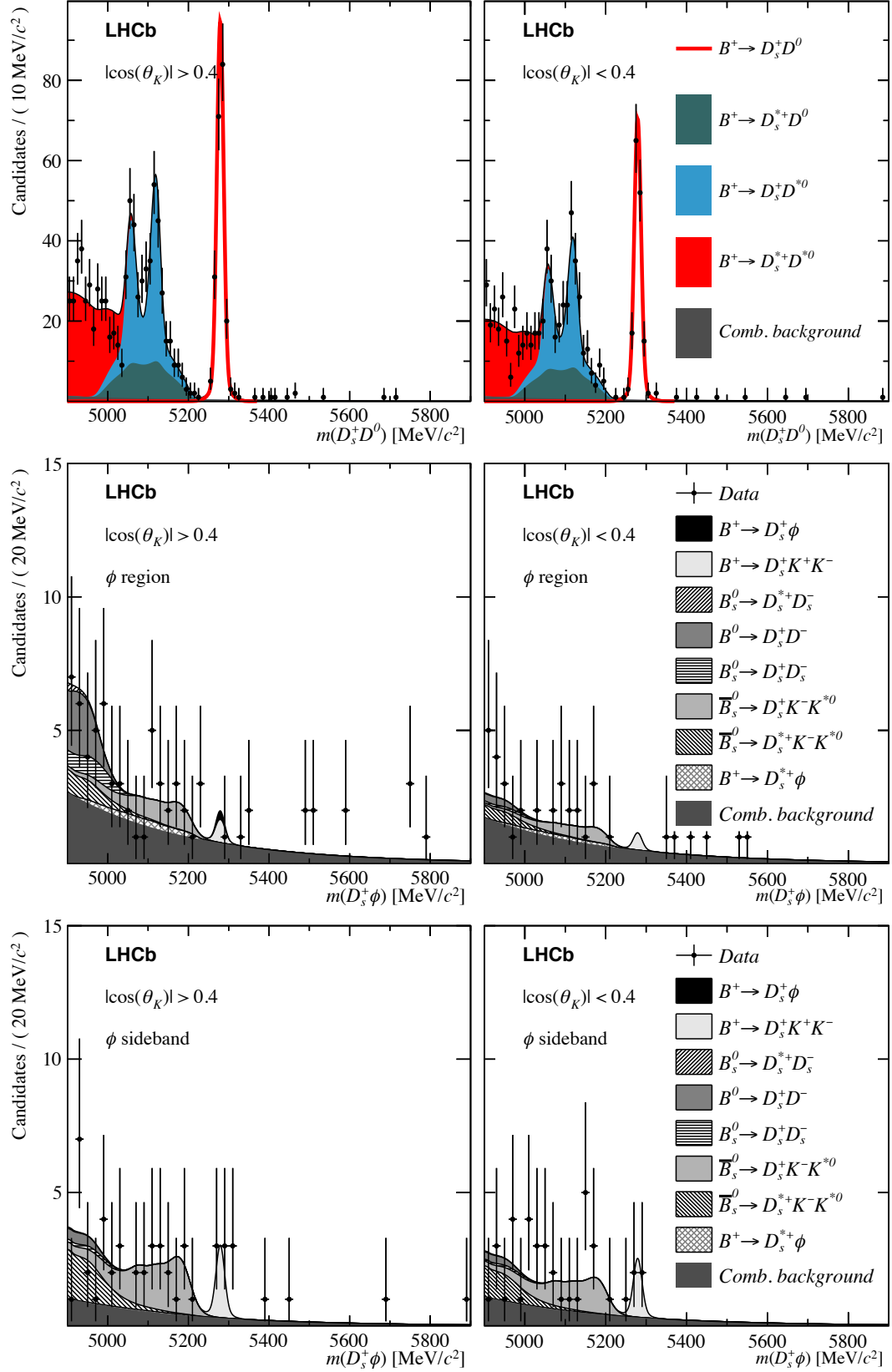


Figure A.4: Invariant mass fits to  $B^+ \rightarrow D_s^+ \phi$  candidates with  $D_s^+ \rightarrow \pi^+ \pi^- \pi^+$ .

A. Invariant mass fit to  $B^+ \rightarrow D_s^+ \phi$  candidates in each  $D_s^+$  decay mode category 171

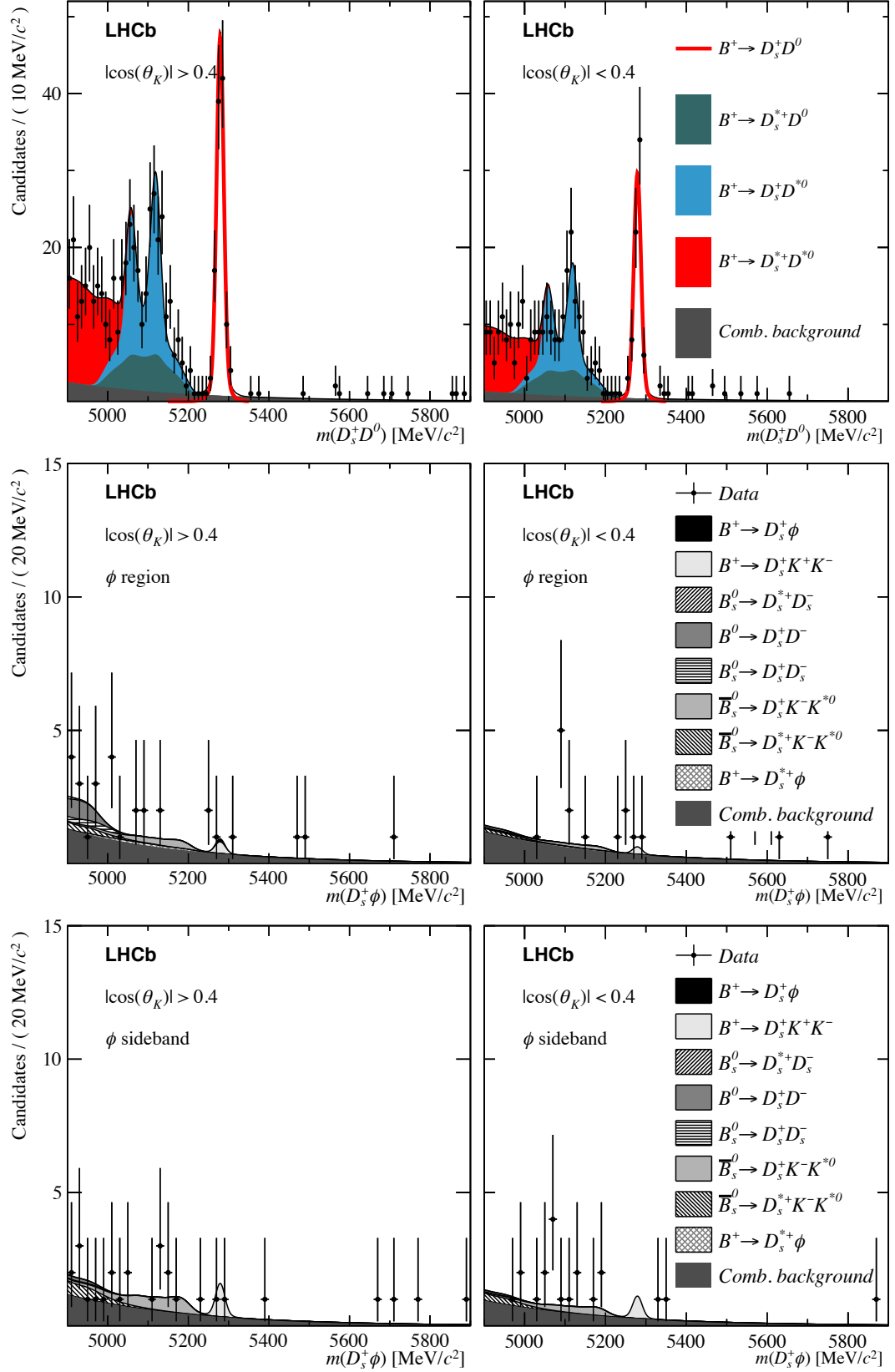


Figure A.5: Invariant mass fits to  $B^+ \rightarrow D_s^+ \phi$  candidates with  $D_s^+ \rightarrow K^+ \pi^- \pi^+$ .