\( B \to X_s e^+ e^- \) Fit Projections: \( m_{Xs,4} \)

**Full Fit Range**

![Graph showing events vs. \( m_{ES} \) (GeV/c^2) for full fit range.]

**Signal Enhanced Range: \( L_R > 0.8 \)**

![Graph showing events vs. \( m_{ES} \) (GeV/c^2) for signal enhanced range.]

**Signal Enhanced Range: \( m_{ES} > 5.27 \text{ GeV/c}^2 \)**

![Graph showing events vs. \( L_R \) for signal enhanced range.]

**Fit Likelihood Projection**

![Graph showing fit likelihood projection with different backgrounds and signal.]

Legend:
- **Blue**: Total PDF
- **Red**: Signal
- **Light Blue**: Signal Crossfeed
- **Pink**: \( B \bar{B} \) Bkgd.
- **Green**: \( udsc \) Bkgd.
- **Yellow**: Charmonium Bkgd.