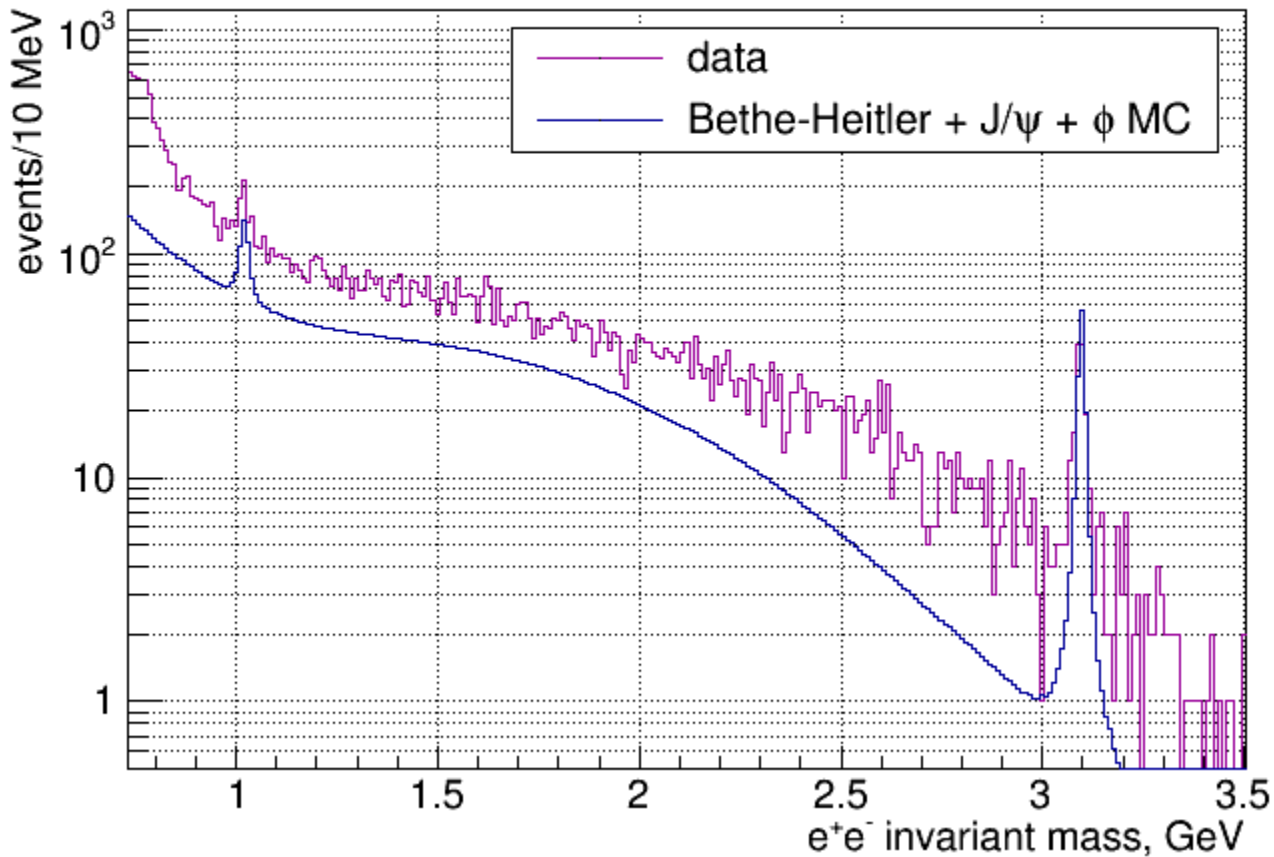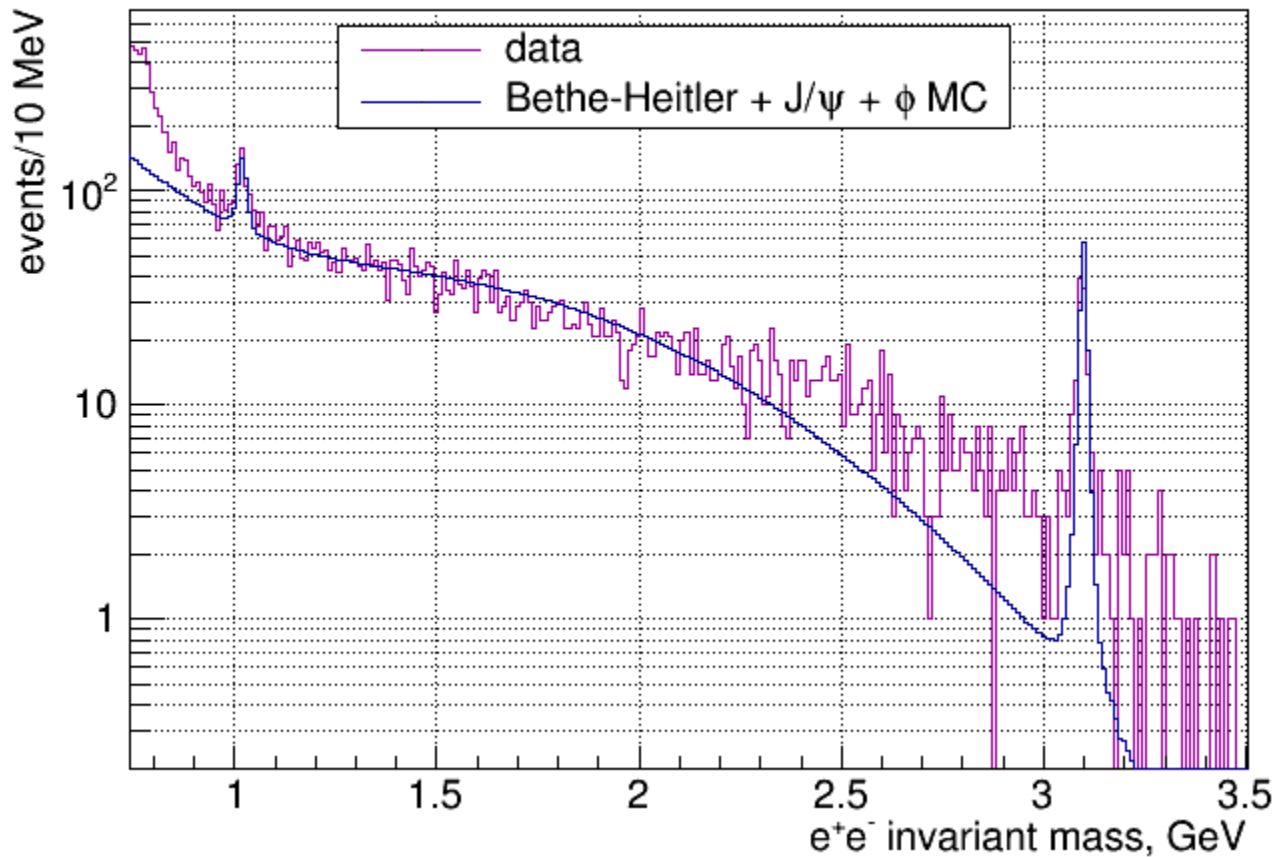# Di-electron Spectrum – comparison to MC

No kinematic fit $\chi 2$ cut $\quad \theta_e > 2^0$

Di-electron Spectrum – comparison to MC

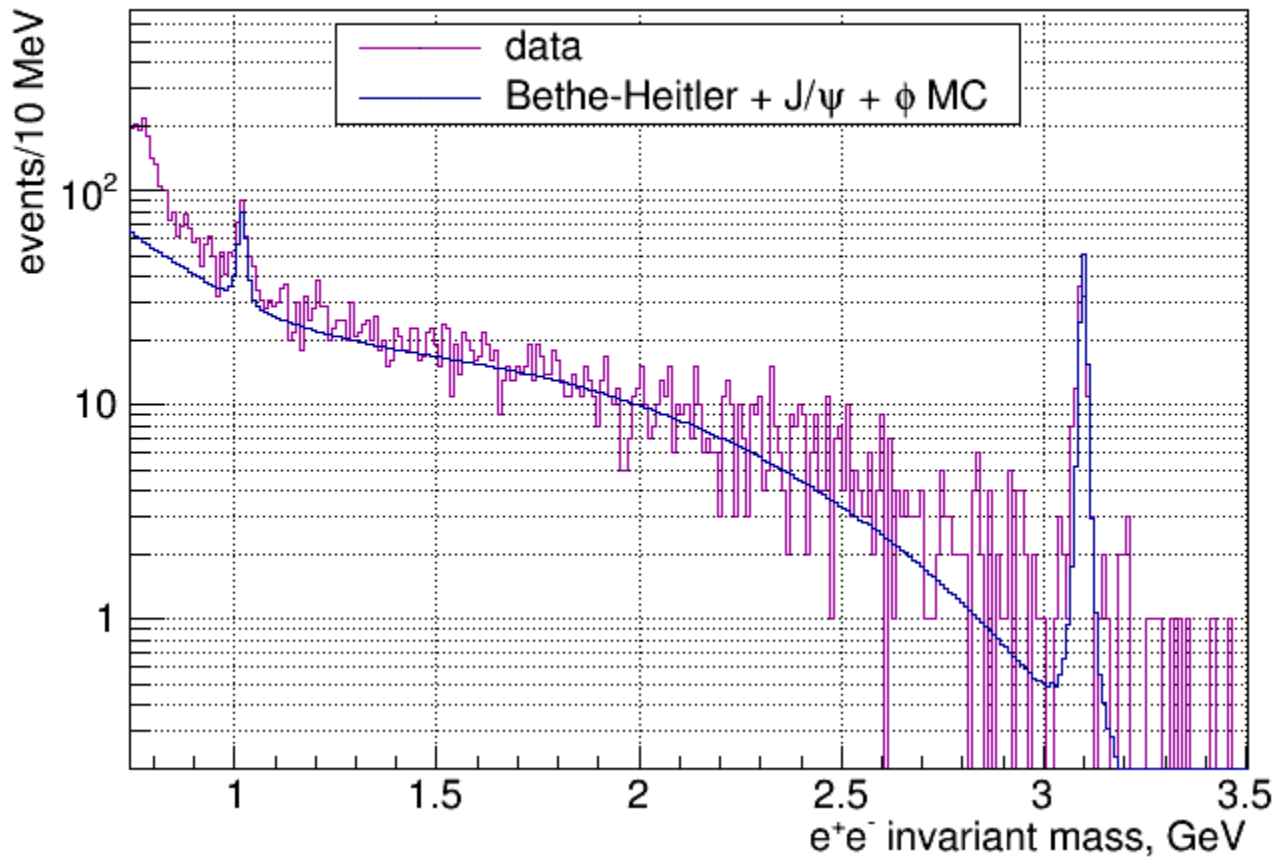MC normalized to ϕ x-sec.   kin.fit $\chi^2 < 200$, $\theta_e > 2^0$

Di-electron Spectrum – comparison to MC
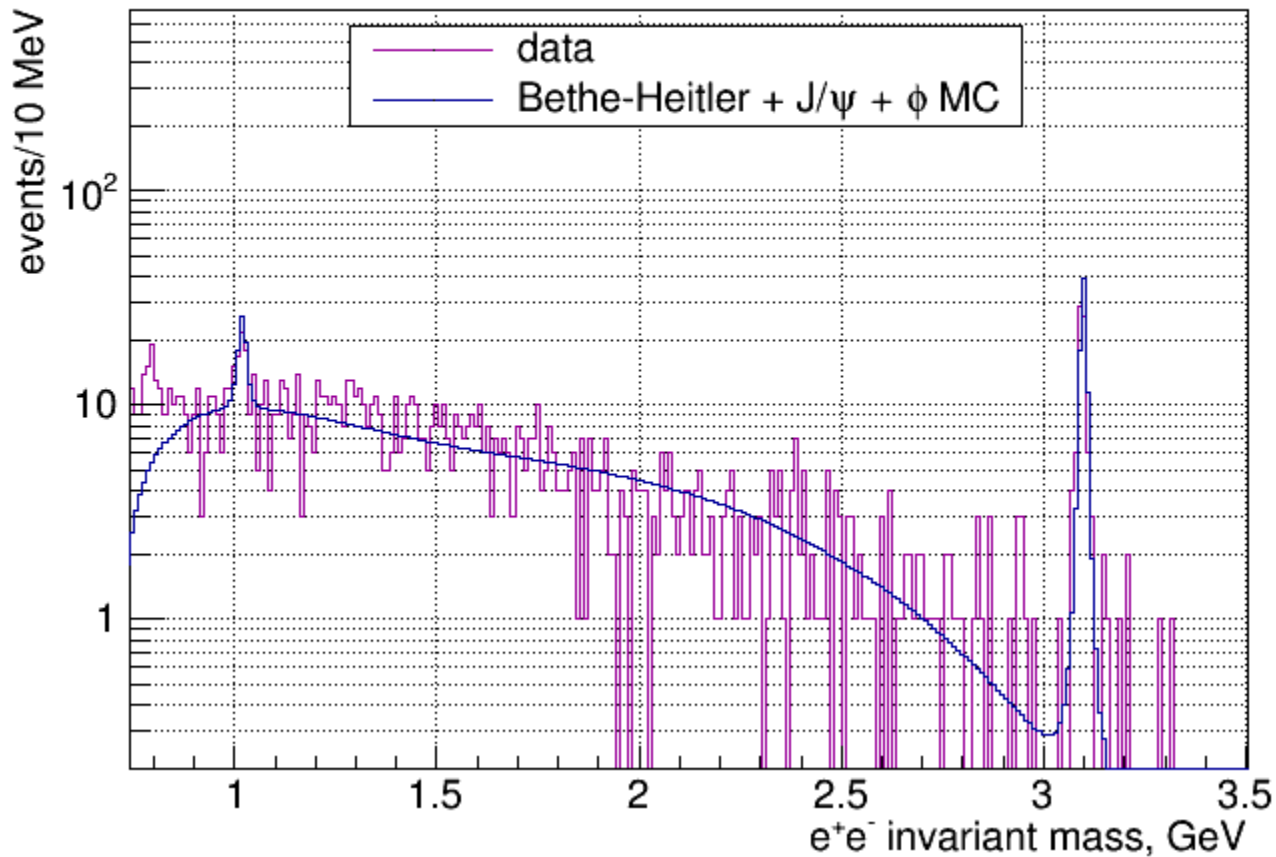

same normalization   kin.fit $\chi^2 < 200$, $\theta_e > 4^0$
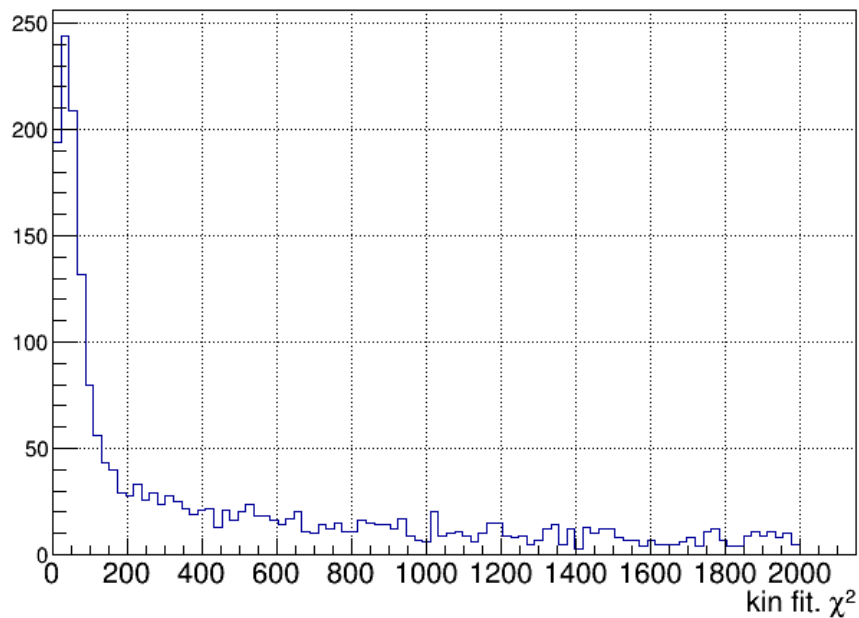
Di-electron Spectrum – comparison to MC

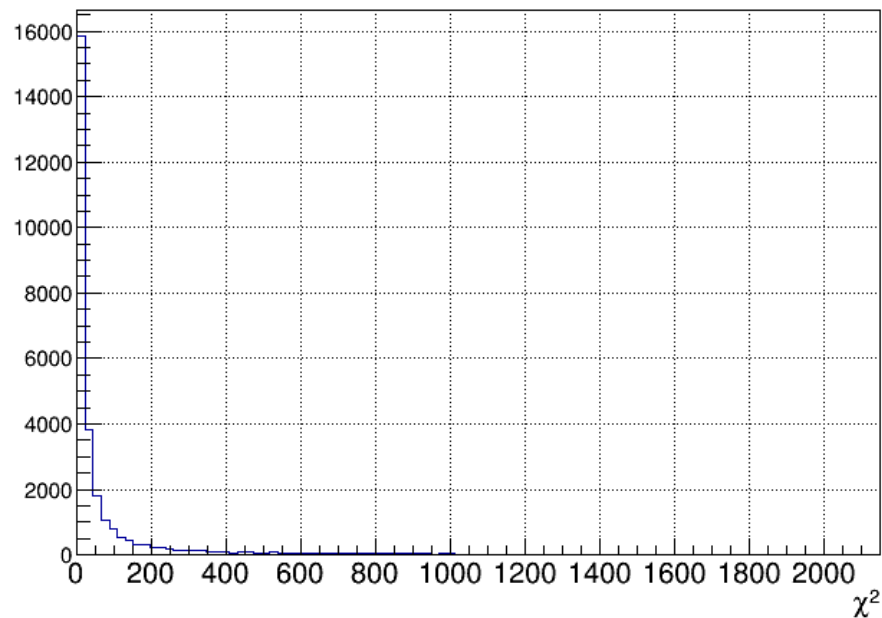same normalization   kin.fit $\chi^2 < 200$, $\theta_e > 6^0$

Di-electron Spectrum – kinematic fit χ^2

spring 2016 data $M(e^+e^-) > 2$ GeV
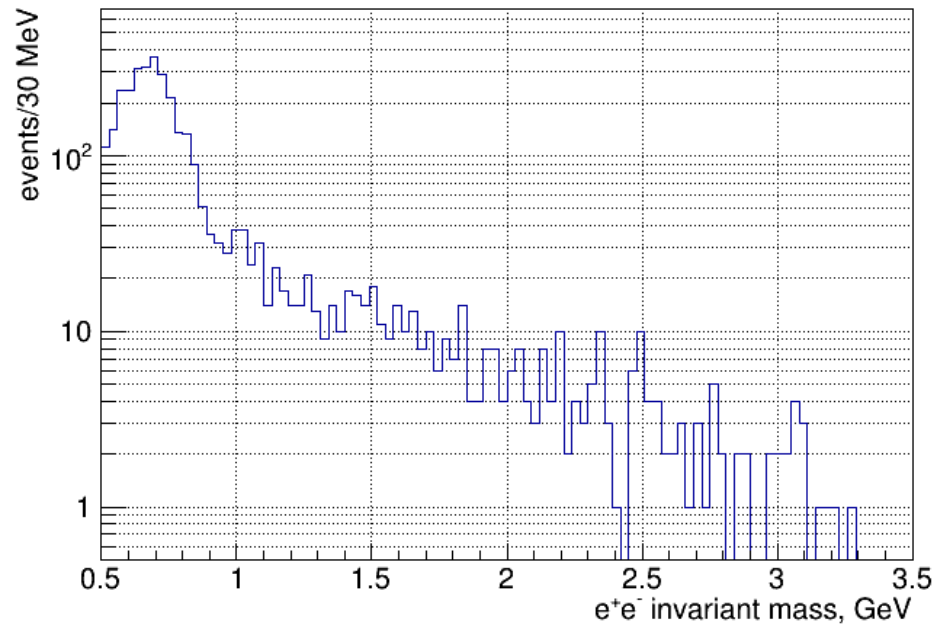
Bethe-Heitler MC $M(e^+e^-) > 2$ GeV

2017 data analysis – tagger multiplicity issue

spring 2017 monitoring data

number of tagger hits

Mean 1.567
Std Dev 0.799

— spring 2017 (run 30788)
— spring 2016 (run 11621)

Mean 3.25
Std Dev 1.827