Synchrotron Radiation Environment in the xBSM Source Region

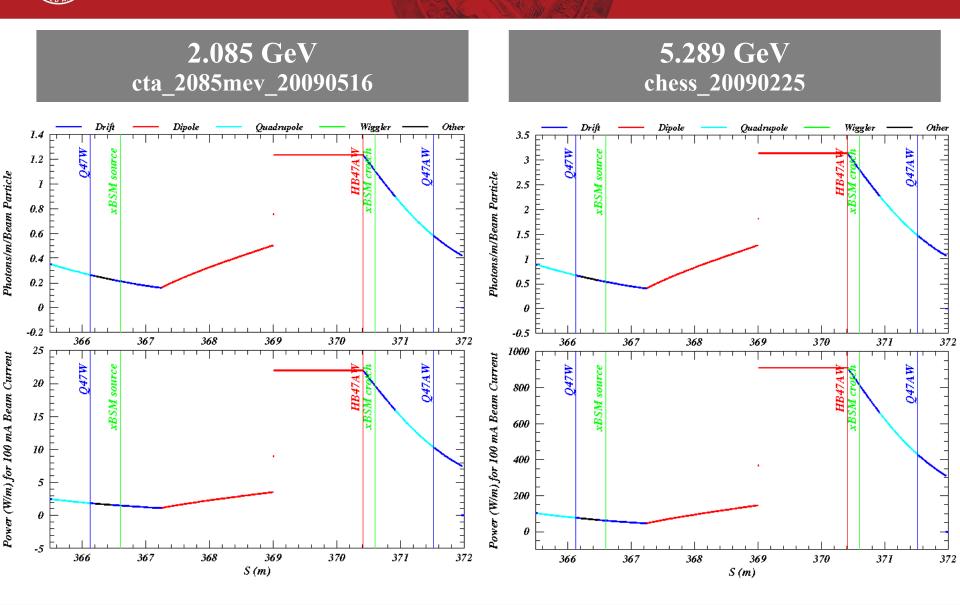
Jim Crittenden xBSM Meeting 18 March 2015







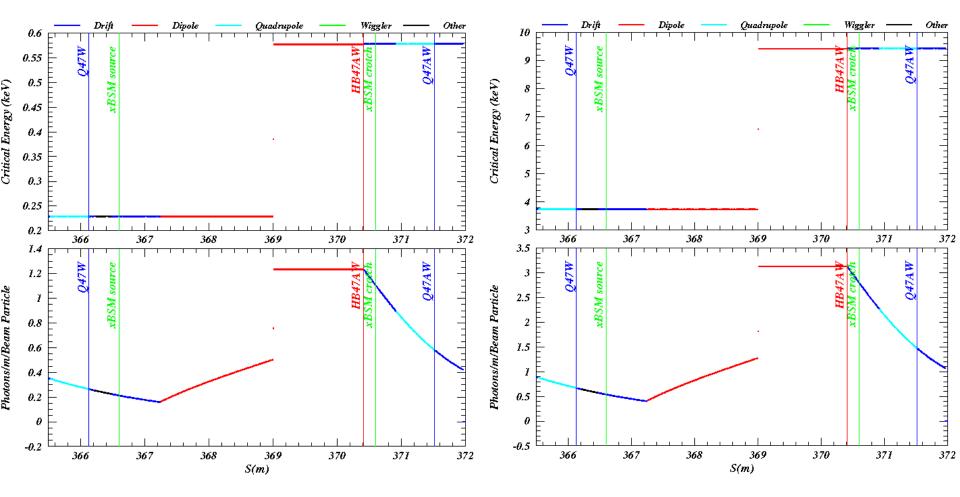
Photon rate and linear power density



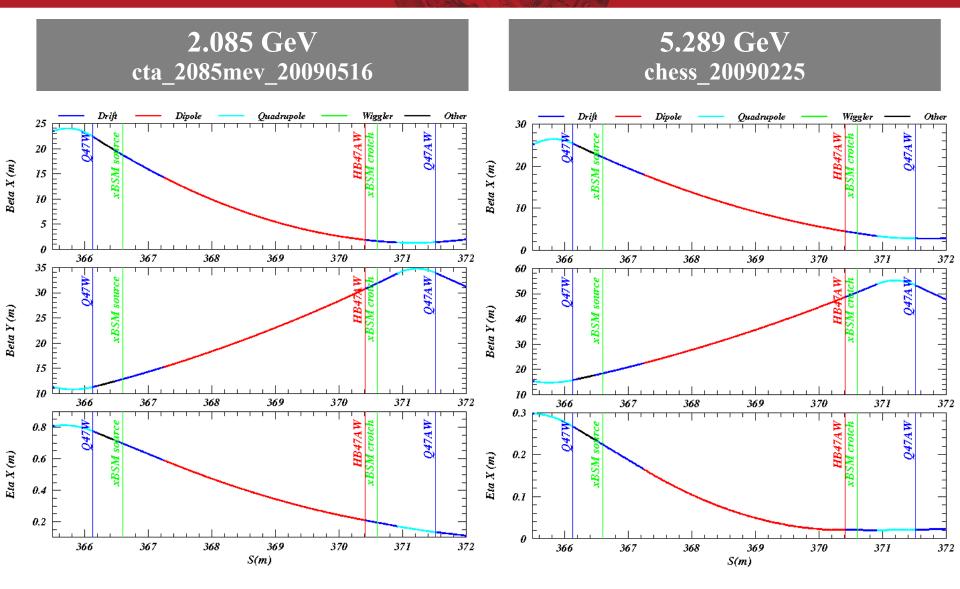
Photon critical energy and rate







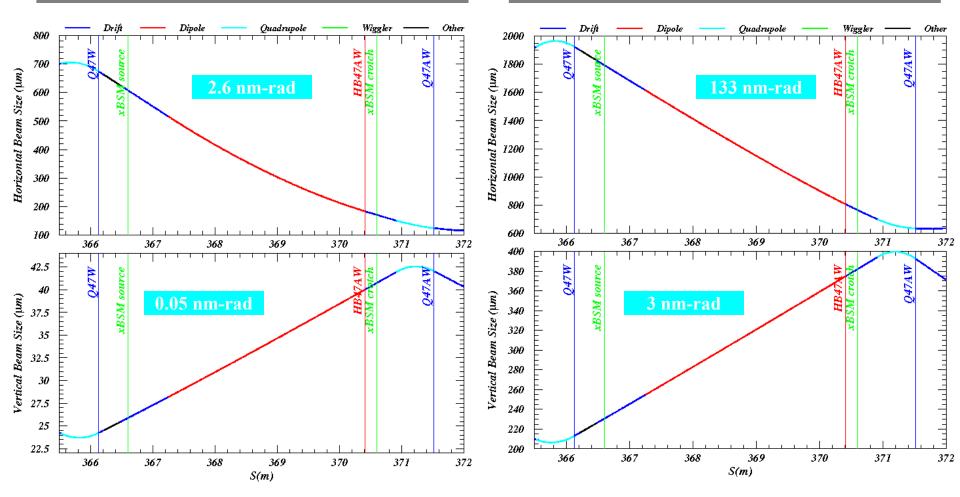
Horizontal beta and dispersion functions



Horizontal and vertical beam sizes







Surface and linear power densities



5.289 GeV chess_20090225

