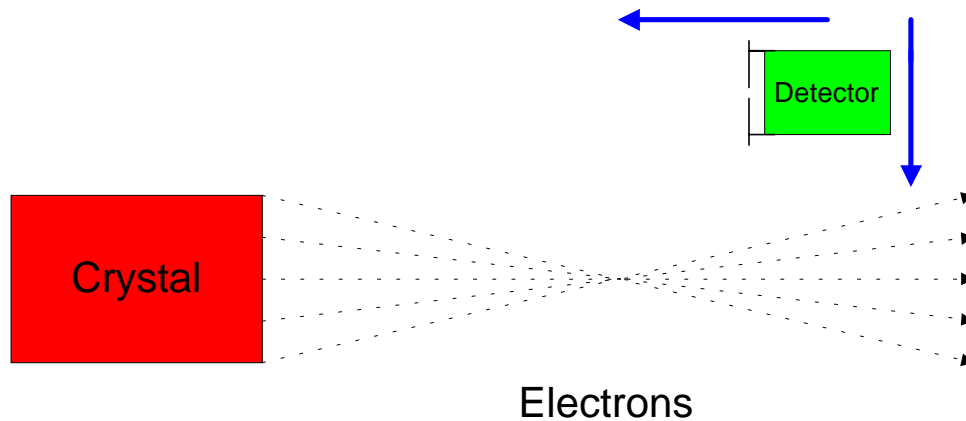
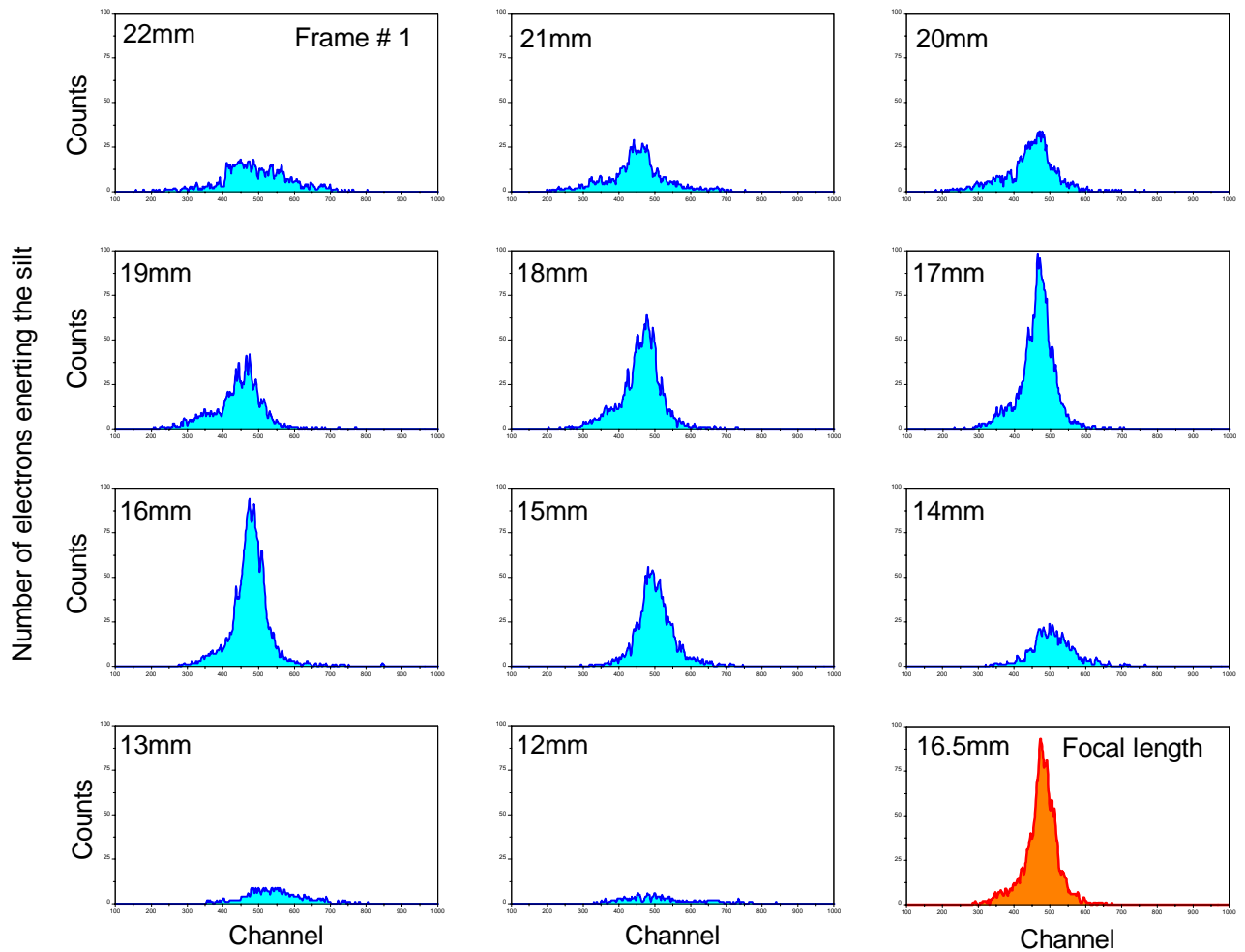


Idealized Cartoon of Crystal Focused Electron Beam



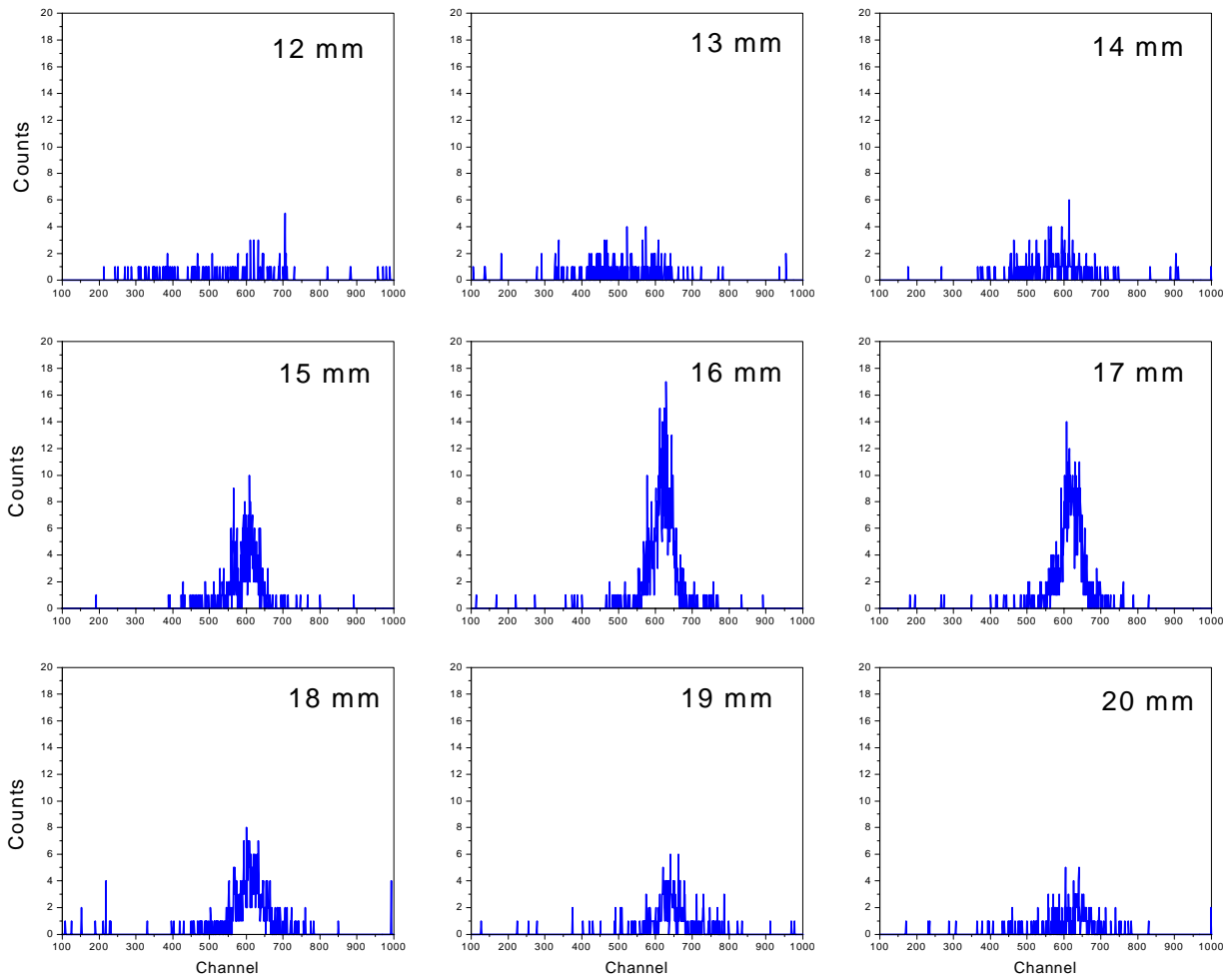
The detector with a 0.1 mm slit in front of it is moved across the beam at various distances from the detector. The results are depicted in below.

Frame # 1: The crystal is 22mm from the detector



Each profile of the electron beam was made by moving a 0.1mm slit at constant speed across the beam at each distance shown. The distance is the distance between the crystal and the slit. Profiles were taken in the order shown above.

Electron beam profile 16 hours later



Each profile of the electron beam was made by moving a 0.1mm slit at constant speed across the beam at each distance shown. The distance is the distance between the crystal and the slit. Profiles were taken in the order shown above.