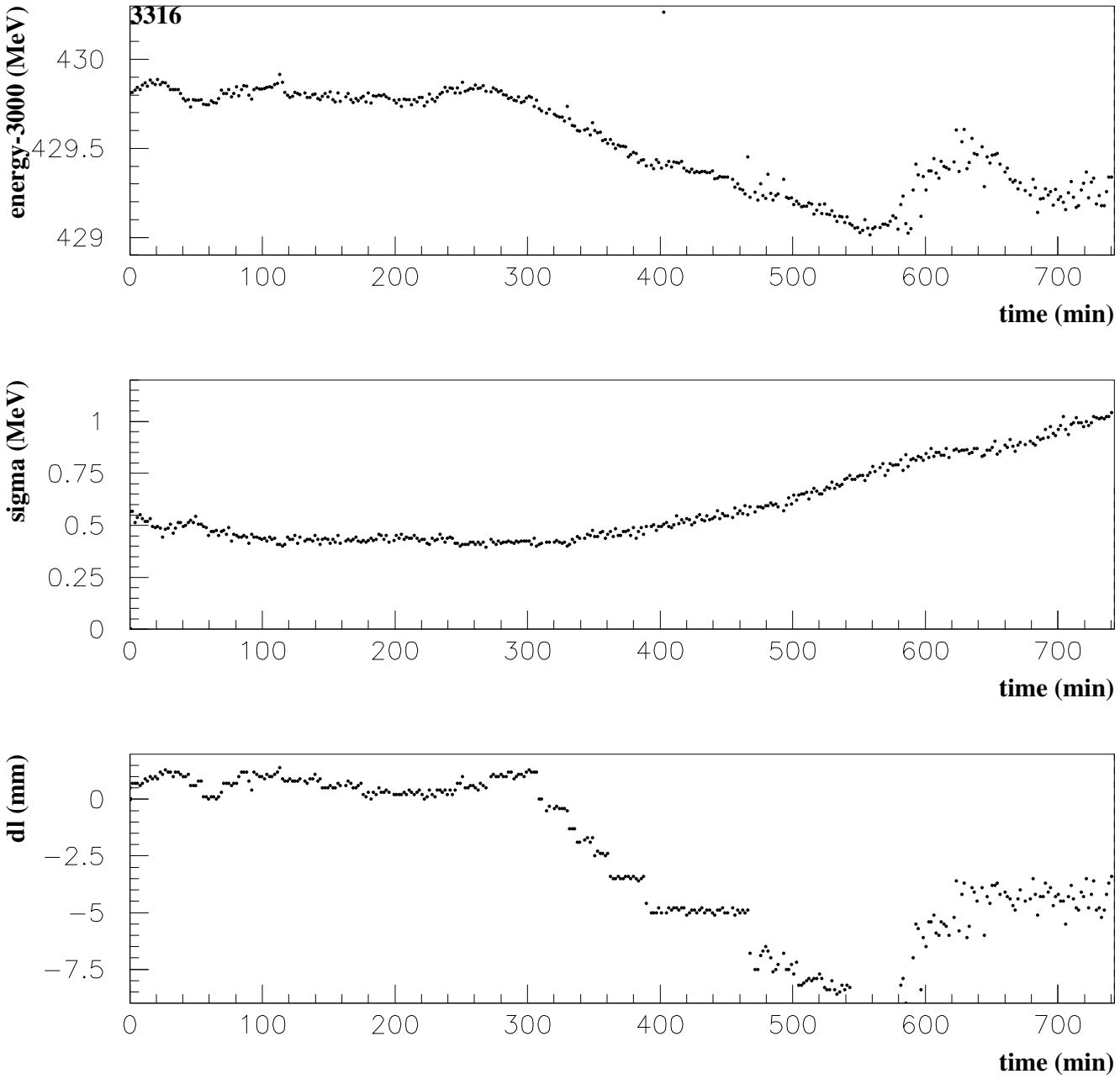stack77_chi0