A: Stack **B: Scale** $N_{profiles}$ N_{sample} N_{sample} **Scaler Ravel** Interp Mask N_z N_z N_z $axis: Z_{plain}$ axis: Z_{plain} axis: ZC: Reduce **D: Combine** N_{sample} N_{sample} N_{sample} Norm **PCA Concat** N_d^{cat} N_{z} N_d $axis: Z_{reduced}$ $axis: Z_{plain}$ $axis: Z_{reduced}^{cat}$