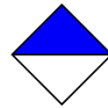


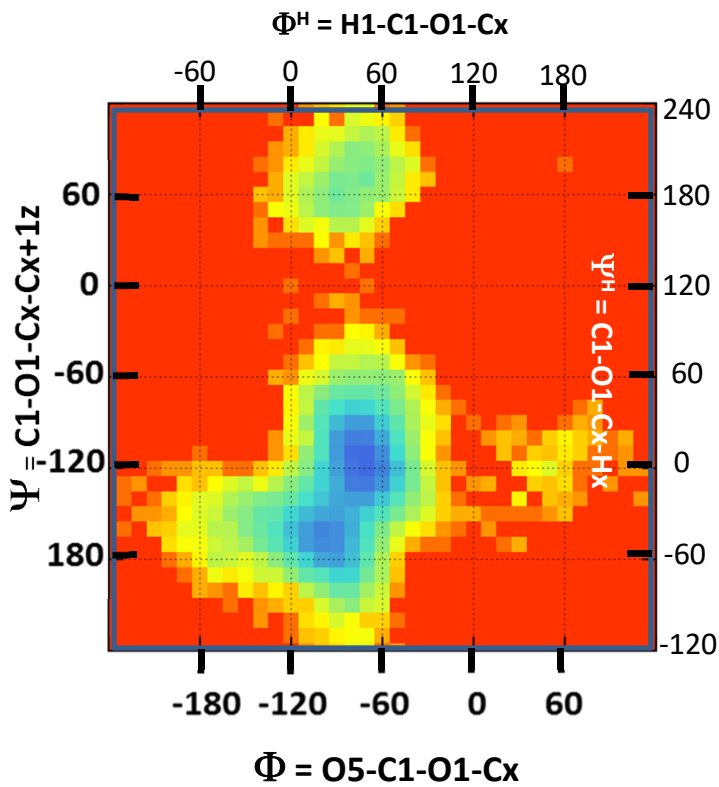
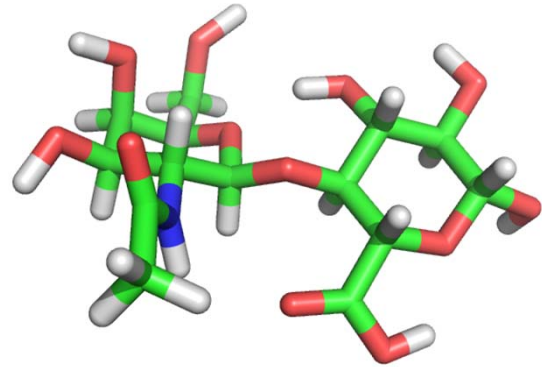
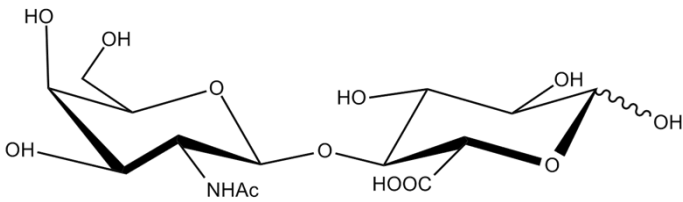
β -D-GalpNAc 1-4 D-GlcA



β 1-4



GalNAc β 1-4 GlcA

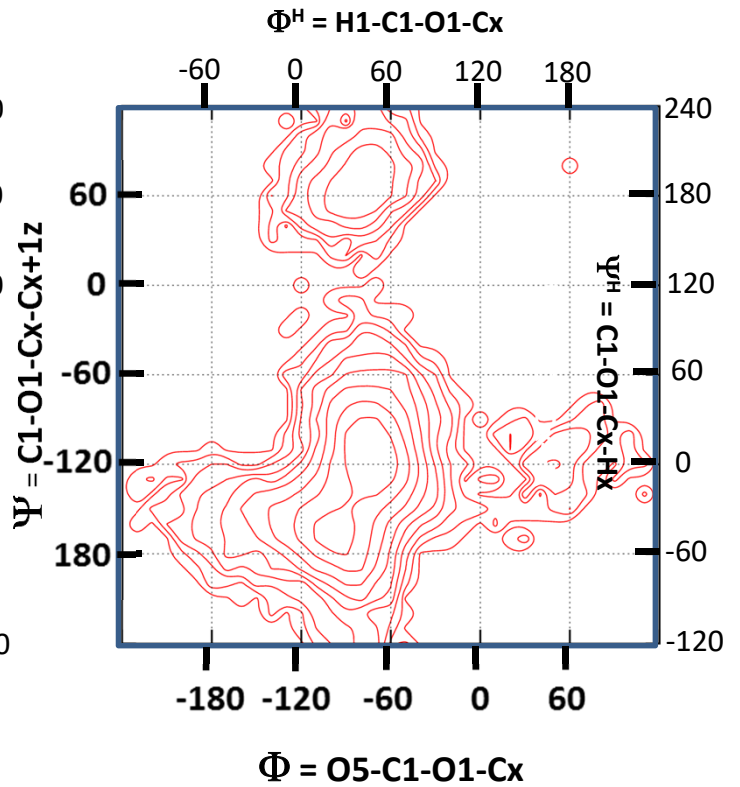


Conf 1 (Φ, Ψ) = -80; -120

Conf 2 (Φ, Ψ) = -100; -160

Conf 3 (Φ, Ψ) = -90; 70

Conf 3 (Φ, Ψ) = 60; -120



Conf 1 (Φ^H, Ψ^H) = 40, 0

Conf 2 (Φ^H, Ψ^H) = 20; -40

Conf 3 (Φ^H, Ψ^H) = 30; 190

Conf 3 (Φ^H, Ψ^H) = 180; 0