

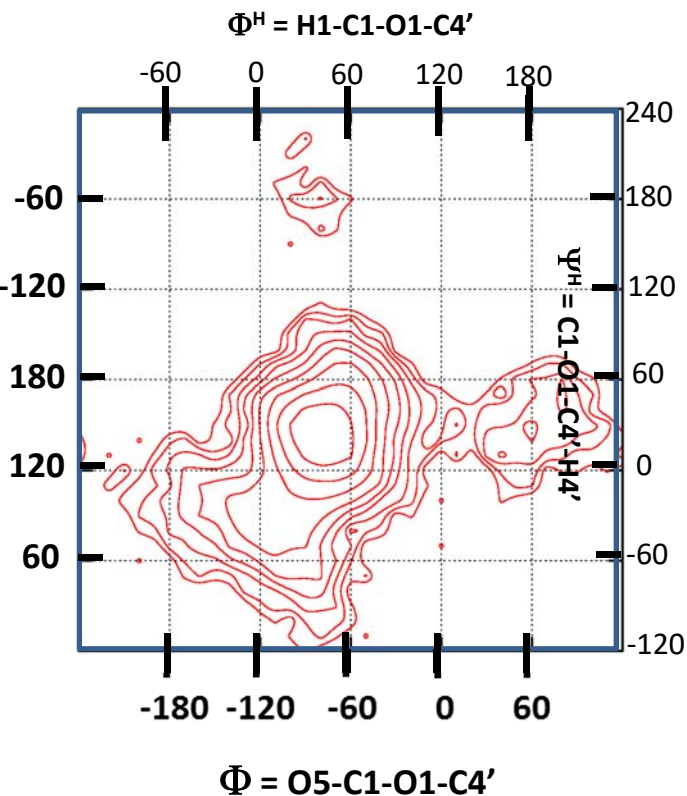
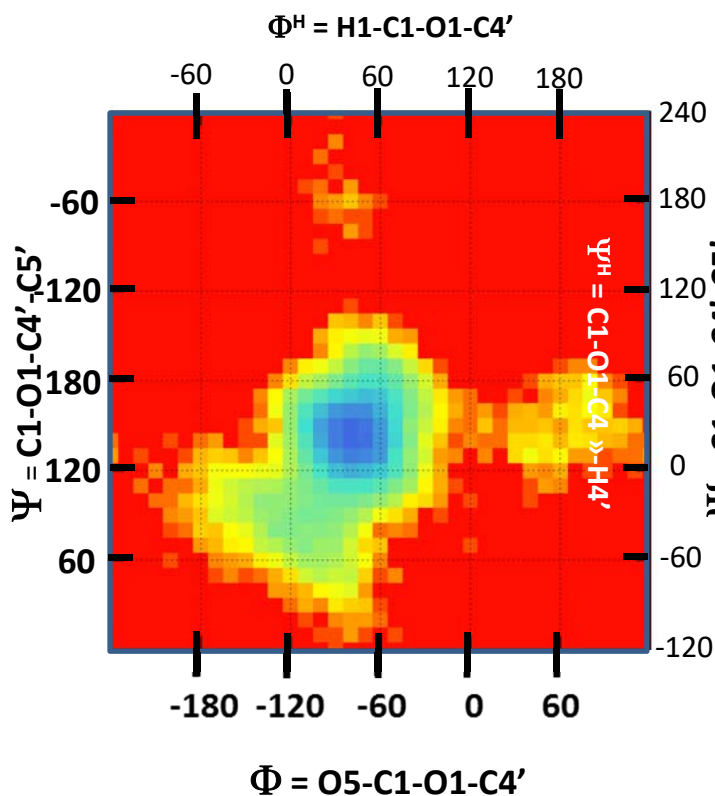
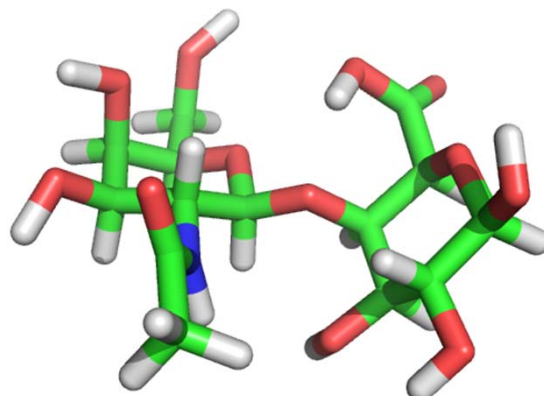
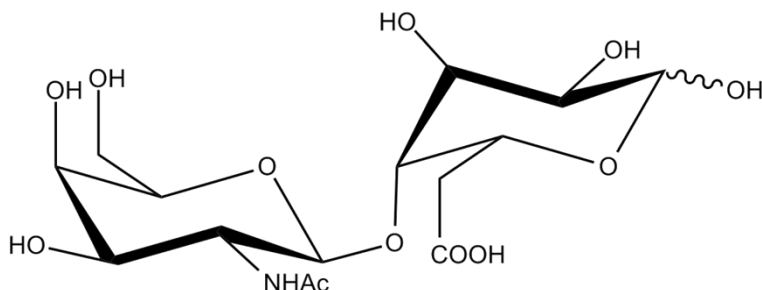
β -D-GalpNAc 1-4 D-GalpA



β 1-4



GalNAc β 1-4 GalA



Conf 1 (Φ, Ψ) = -80; 150

Conf 2 (Φ, Ψ) =

Conf 3 (Φ, Ψ) = -100; -100

Conf 4 (Φ, Ψ) = -80; -60

Conf 1 (Φ^H, Ψ^H) = 40; 30

Conf 2 (Φ^H, Ψ^H) = -20; 30

Conf 3 (Φ^H, Ψ^H) = 40; 180

Conf 4 (Φ^H, Ψ^H) = 180; 40