

$$\Phi_{halo} = v_{halo}^2 \ln \left[ \left( \frac{\cos^2 \phi}{q_1^2} + \frac{\sin^2 \phi}{q_2^2} \right) x^2 + \left( \frac{\sin^2 \phi}{q_1^2} + \frac{\cos^2 \phi}{q_2^2} \right) y^2 + 2 \sin \phi \cos \phi (q_1^{-2} - q_2^{-2}) xy + \frac{z^2}{q_z^2} + r_{halo}^2 \right]$$

Walkers

Posterior

