

Parameter	Value
Matter density parameter ( $\omega_0$ )	0.3
Cosmological constant ( $\lambda_0$ )	0.7
Hubble constant ( $H_0$ )	70.0 km/s/Mpc
Mass fluctuation parameter ( $\sigma_8$ )	0.8
Box size	(30Mpc) <sup>3</sup>
Softening for 2048 <sup>3</sup> particle run.	175 pc
Sampling rate for 2048 <sup>3</sup> particle run.	20000