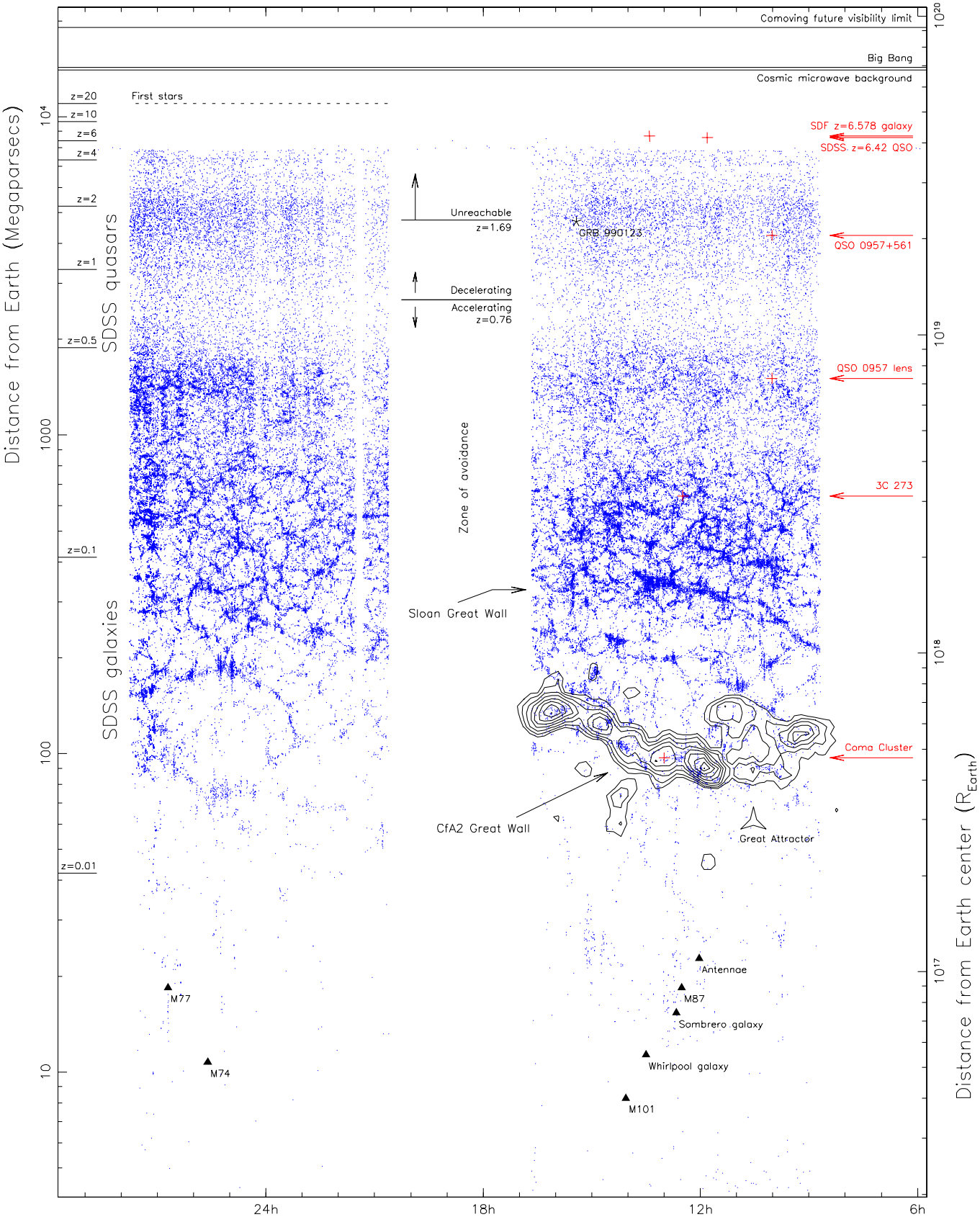
Comoving future visibility limit
Big Bang
Cosmic microwave background
First stars
z=20
z=10
z=6
z=4
z=2
z=1
z=0.5
z=0.1
z=0.01
SDSS quasars
SDSS galaxies
Distance from Earth (Megaparsecs)
10⁴
1000
100
10
Unreachable
z=1.69
Decelerating
Accelerating
z=0.76
Zone of avoidance
Sloan Great Wall
CfA2 Great Wall
GRB 990123
SDF z=6.578 galaxy
SDSS z=6.42 QSO
QSO 0957+561
QSO 0957 lens
3C 273
Coma Cluster
Great Attractor
Antennae
M87
Sombrero galaxy
Whirlpool galaxy
M101
M77
M74
24h
18h
12h
6h
10²⁰
10¹⁹
10¹⁸
10¹⁷
Distance from Earth center (R_Earth)