

1e10

Luminosity Distance vs. Redshift with Cosmological Fit

Best-fit cosmological $d_L(z)$

$$\Omega_M = 0.307$$

$$\Omega_\Lambda = 0.728$$

$$H_0 = 69.18 \text{ km s}^{-1} \text{ Mpc}^{-1}$$

Luminosity Distance (pc)

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0.0

0.0

0.2

0.4

0.6

0.8

1.0

1.2

1.4

Redshift (z)

