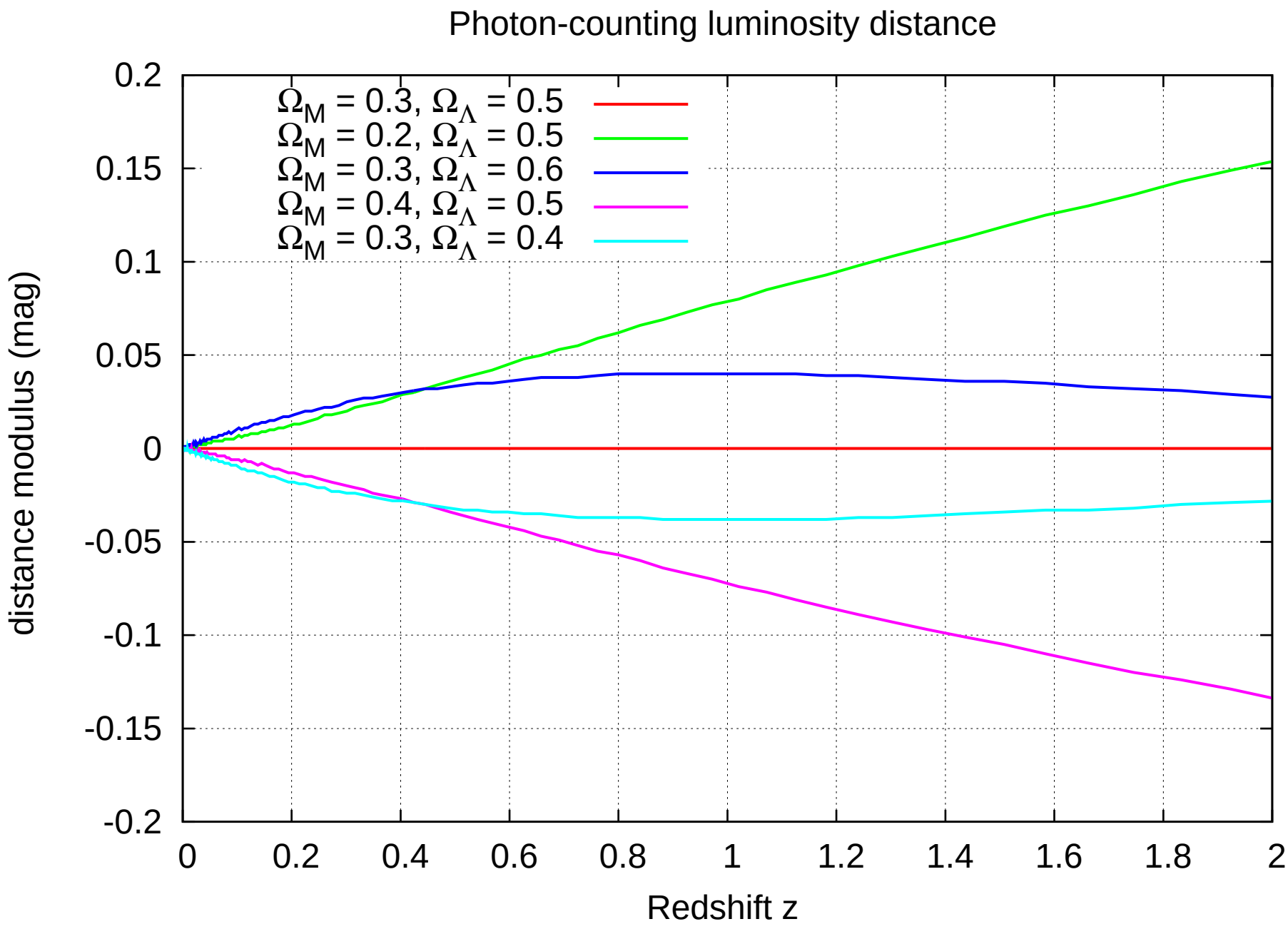
Photon-counting luminosity distance
$\Omega_M$ = 0.3, $\Omega_\Lambda$ = 0.5
$\Omega_M$ = 0.2, $\Omega_\Lambda$ = 0.5
$\Omega_M$ = 0.3, $\Omega_\Lambda$ = 0.6
$\Omega_M$ = 0.4, $\Omega_\Lambda$ = 0.5
$\Omega_M$ = 0.3, $\Omega_\Lambda$ = 0.4
distance modulus (mag)
0.2
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
Redshift z