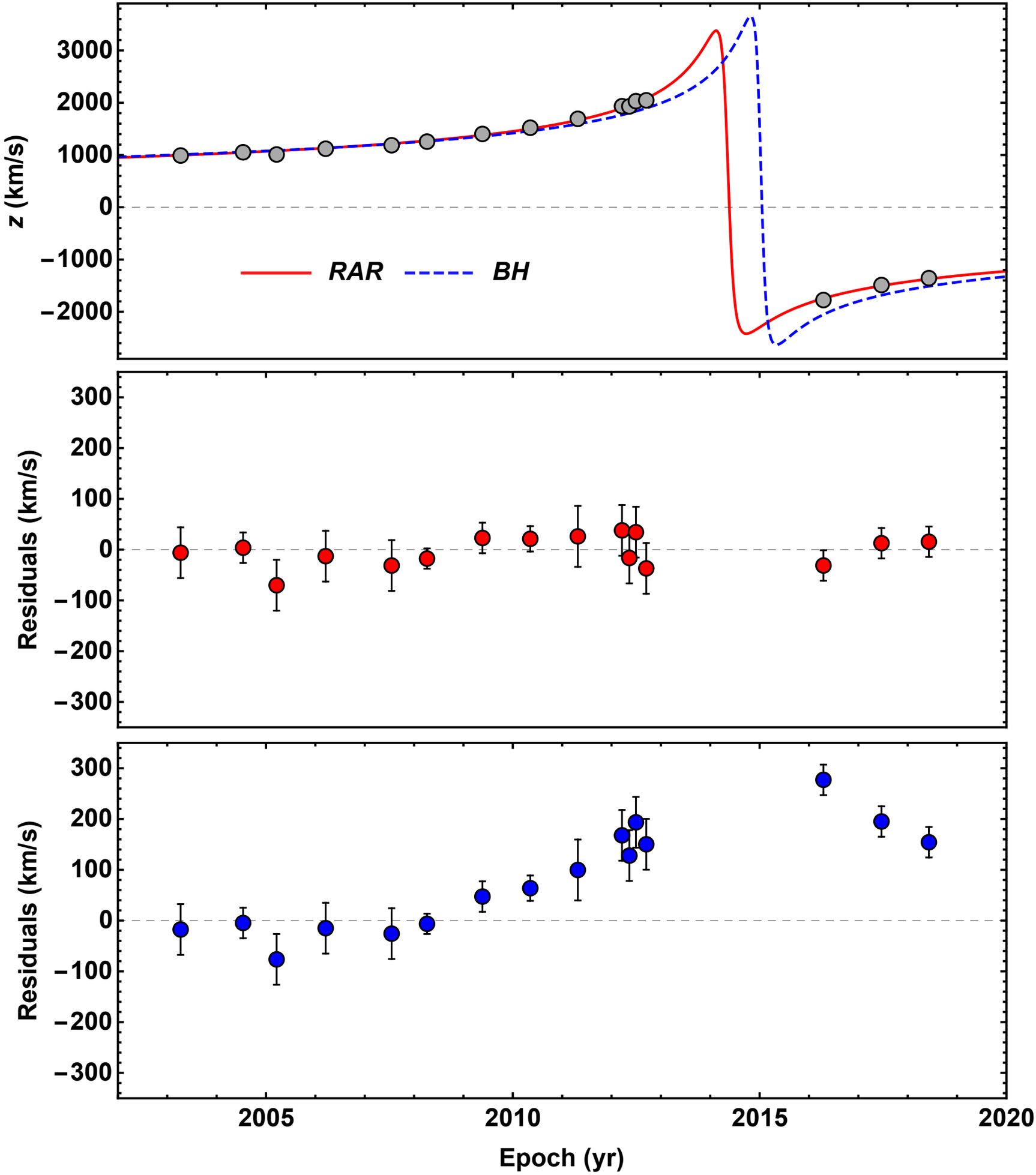
z (km/s)
3000
2000
1000
0
−1000
−2000
RAR
BH
Residuals (km/s)
300
200
100
0
−100
−200
−300
Residuals (km/s)
300
200
100
0
−100
−200
−300
2005
2010
2015
2020
Epoch (yr)