Bubot 2020 -> Data is Boy 2014 - HUS almost radial trajectories
- Paper that doesn't neglect evolution of HW9 LMC
- First evidence of Hill's Mechanism w1 3Mo HS
Stor moving at 700 Km51 w/00 kpc any (Bran et al. 2005) LMC Hb= 5x109 Mo 2xolano PB = - GMb ab = 500 pc 96=0734 $\phi_D = -\frac{6Md}{\sqrt{R^2 + (2ad + (z^2 + b^2d)^{1/2})^2}}$ > Paramba Beste 2007 5461 J.4X6 Md = 6.8 x 100 Mov Values don't differ ad = 3000 pc Much w/ Kenyon 2014 bd = 280 pc ΦH = - GMH In (1+ (1)) - 1+c MH = 8x10" Mo / Th = 16000 pc /

C = 153 - Treat LMC & HW as right (Indiv paticles)
L> No deformation
- Sun at (8.3, 0.024) kpc { more (Ver Ugive) = (-11.1,

7-20) tens-1

Bay 2015

Basel on Chen et al. 2001

Gilles su et al. 2009

- Track HUS3 fill cross plane of 9

-Meglecting the trojectory of MW flux c.

Carries deflections in trajectory of HUS W/ reality,

Measured

however need man precon proper motion data

in order of 10 Nas yell to get accurate

results. ve que et mas gr-1 L> We will have to neglect to by - of LMC f MW as well as date is not yet precise i give lone oras. La Reflex motion is Vat which Hw moving during fly by. L> Also no five -> complicated - Don't account for dynamical fretion - & constraints