L_1 Horizontal Lyapunov ($H_{lt}=-1.525, a_{lt}=0.10$) - Numerical continuation validation α evolution $\times 10^{-12} - 1.525$ H_{lt} [-] $\frac{3}{2}\pi$ \Box α [-] $\frac{1}{2}\pi$ -[50 100 150 200 250 50 100 150 200 250 orbit Number [-] orbit Number [-] a_{lt} evolution Spatial evolution 0.10 \mathcal{Y} x0.00250 50 100 150 200 50 100 150 200 250 orbit Number [-] orbit Number [-]