## 1 Introduction

The comments given are the results of the meeting in Munich, 19-21/02/2011. But first a general term definition:

• mass reversal: The first WD formed is not the initial most massive star

# 2 Binary grid: $\beta = 1.0$

This comparison was done between the results of Silvia, Joke and Ashley. Also a figure is included with the comparison with Jokes results and Nickis results.

## **2.1** $M_{1,i}$ vs $M_{2,i}$

General: Silvia more mass reversals in comparison with Joke (probably has something to do with initial  $\dot{M}$  lower in Jokes case) For the rest where the differences small

## 2.2 $\mathbf{M}_{1,i}$ vs $\log \mathbf{a}_i$

- around:  $\log a = 2.5$ , M1 = 4-6: Silvia: empty, Ashley: few, Joke: Filled
- around: log a = 2-2.5, M1 = 1-2: Regime of mass reversals and also other systems: Joke misses these, Silvia has this
- around:  $\log a = 1$ , M1 = 2-6: Silvia: mass reversals, Ashley and Joke: miss this region.
- around:  $\log a = 1$ , M1 = 1-2: Mass reversals: Joke less then Silvia

### 2.3 $M_{wd}$ vs $M_{comp}$

### First WD

- Small area left → Joke vs. Silvia: towards smaller masses
- mass reversals: Joke vs. Silvia: less but at similar places
- M<sub>WD</sub> high, M<sub>comp</sub> 4-6: differs (empty)

#### **Second WD**

- M<sub>WD,1</sub>: 0.4-05: gap HeWD and COWD: few systems (different companion masses): Joke: systems CE, Silvia: RLOF
- left in Jokes Case: difference stabel-unstable mass transfer (see discussion M<sub>WD</sub> vs log a)

- totally left: Joke nothing, silvia has something there
- area above: Silvia: more a line, Joke: more full

## $2.4 \quad M_{wd} \text{ vs log a}$

#### First WD

- totally left: triangle: Joke lower then Silvia
- log a =2.5,  $M_{WD}$  = 0.4: feature: appears lower in Jokes case vs. Silvia & Asley (CE vs. RLOF)
- $\log a = 0$ ,  $M_{WD} = 0.1-0.2$ : Silvia: Yes, Joke: No
- left: drop-feature: Ashley: goes towards lower a (probably mergers inside CE)
- low blob: Only mass reversals: Silvia, Joke also other systems: Not only mass reversals

#### Second WD

- Asley: goes down to 0.5 (prbably mergers), Joke: gap (stable band: RLOF
  → CE), Silvia: Nothing from log a =1
- Below middle Silvia & Joke: gap (Silvia: more narrow), Ashley: No gap (strange line, can also be seen in Jokes case)
- Higher gap: Joke: clear, Silvia: a bit, Ashley: very clear

# 3 Binary grid: $\beta = 0.5$

This comparison was done between the results of Silvia and Joke.

- 3.1  $M_{1,i}$  vs  $M_{2,i}$
- 3.2  $\mathbf{M}_{1,i}$  vs  $\log \mathbf{a}_i$
- 3.3  $\mathbf{M}_{wd}$  vs  $\mathbf{M}_{comp}$
- 3.4  $M_{wd}$  vs log a