Sub Halo 15103 0.99 0.84 z 0.67 0.57 1.32 0.47 0.38 5.34 3.42 2.33 1.71 0.29 0.21 0.14 0.07 φ_flip θ 150 Angle [°] φ 50 0 0 -4.0-4.5-5.0b-value converted to z=0Disks **-**5.5 Ellipticals -6.2 log(| j_STARS |) log[kpc km/s] 1 0 0 -1-1 / Gyr -3 sSFR -4 15 log(M_STARS [M☉]) 12 10

7.77

58

7.08

68

Snap

5.53

88

6.18

80

4.11

104

4.84

96

3.35

112

2.56

120

1.73

128

0.88

136

6

12.65

16

11.85

24

10.88

32

9.86

40

8.91

48