(task111,task114, task116 L = 12, 5000 samples)

J3/J1  beta\_c by susceptibility peak

S2-biaxial to C2h-biaxial transition (B-B\*)

0.00     infinite

0.04     1.9 +/- 0.4

0.08     1.4

0.12     1.1

0.16     0.9     (3-point)

C2h-biaxial to O(3) liquid transition (B\*-L)

0.00     0.96 +/- 0.02

0.04     0.94 +/- 0.02

0.08     0.93

0.12     0.92

0.16     0.9   (3-point)

S2-biaxial to O(3) liquid transition (B-L)

0.16     0.9   (3-point)

0.20     0.89

0.24     0.88

0.28     0.86

0.30     0.85 (cut at here)

0.4     0.8

0.5     0.75