

(a)	Inning	z^i			x^i		
0		velocity	θ	ϕ	velocity	θ	ϕ
		81	0.1	0.1	81.4	0.2	0.1
		91	0.3	0.4	91.8	0.3	0.3
		92	0.4	0.2	92.3	0.4	0.2
		97	0.3	0.1	97	0.2	0.1
1		velocity	θ	ϕ	velocity	θ	ϕ
		81	0.1	0.1	81.4	0.2	0.1
		91	0.3	0.4	91.8	0.3	0.3
		92	70	90	0	0	0
		200	0.1	0.1	0	0	0

(b)	Event	z^i				x^i			
0		momentum	θ	ϕ	particle	momentum	θ	ϕ	particle
		5	24	0	1	4.8	23.7	0.3	1
		0.5	30	180	2	0.5	30.2	179.8	2
		2	15	170	3	1.9	15.5	170.4	3
		2	15	172	3	2.1	15.4	172.2	3
1		momentum	θ	ϕ	particle	momentum	θ	ϕ	particle
		5	24	0	1	4.8	23.8	0.1	1
		0.5	30	180	2	0.5	30.2	179.7	2
		2	15	170	3	0	0	0	0
		2	15	172	3	2.1	15.4	172.2	9