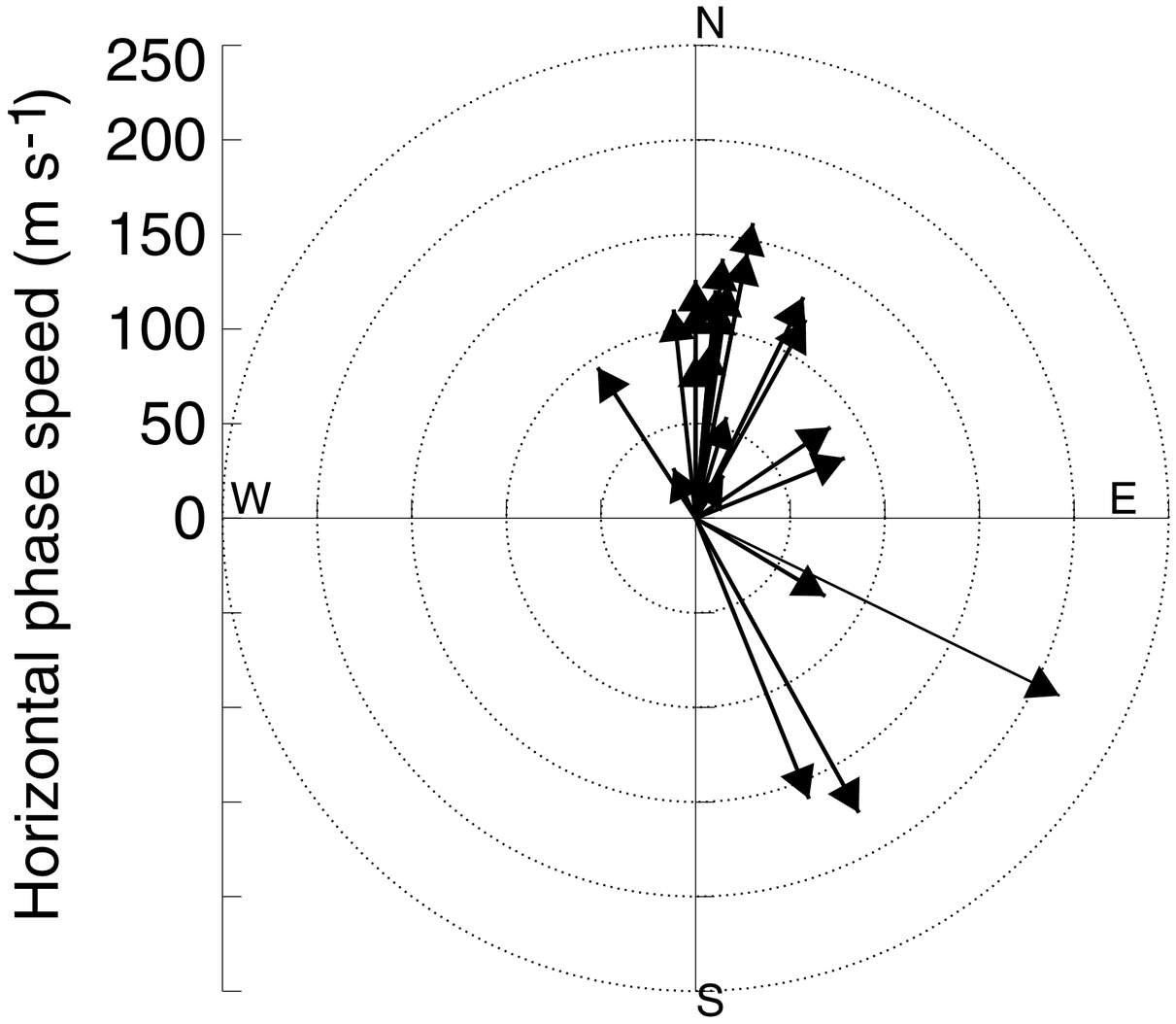
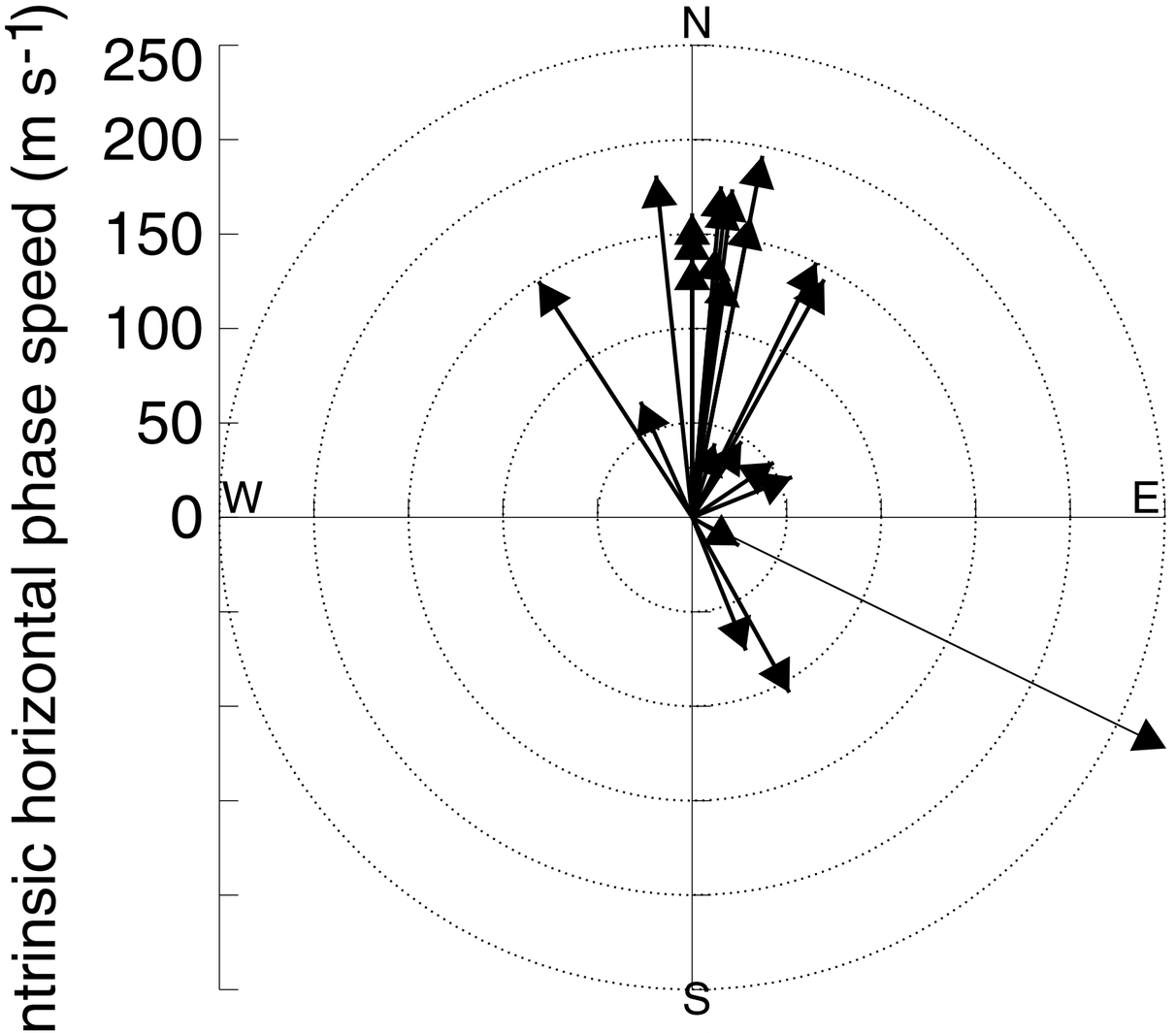

Horizontal phase speed (m s-1)
250
200
150
100
50
0
N
W
E
S

(a)


Intrinsic horizontal phase speed (m s-1)
250
200
150
100
50
0
N
W
E
S

(b)