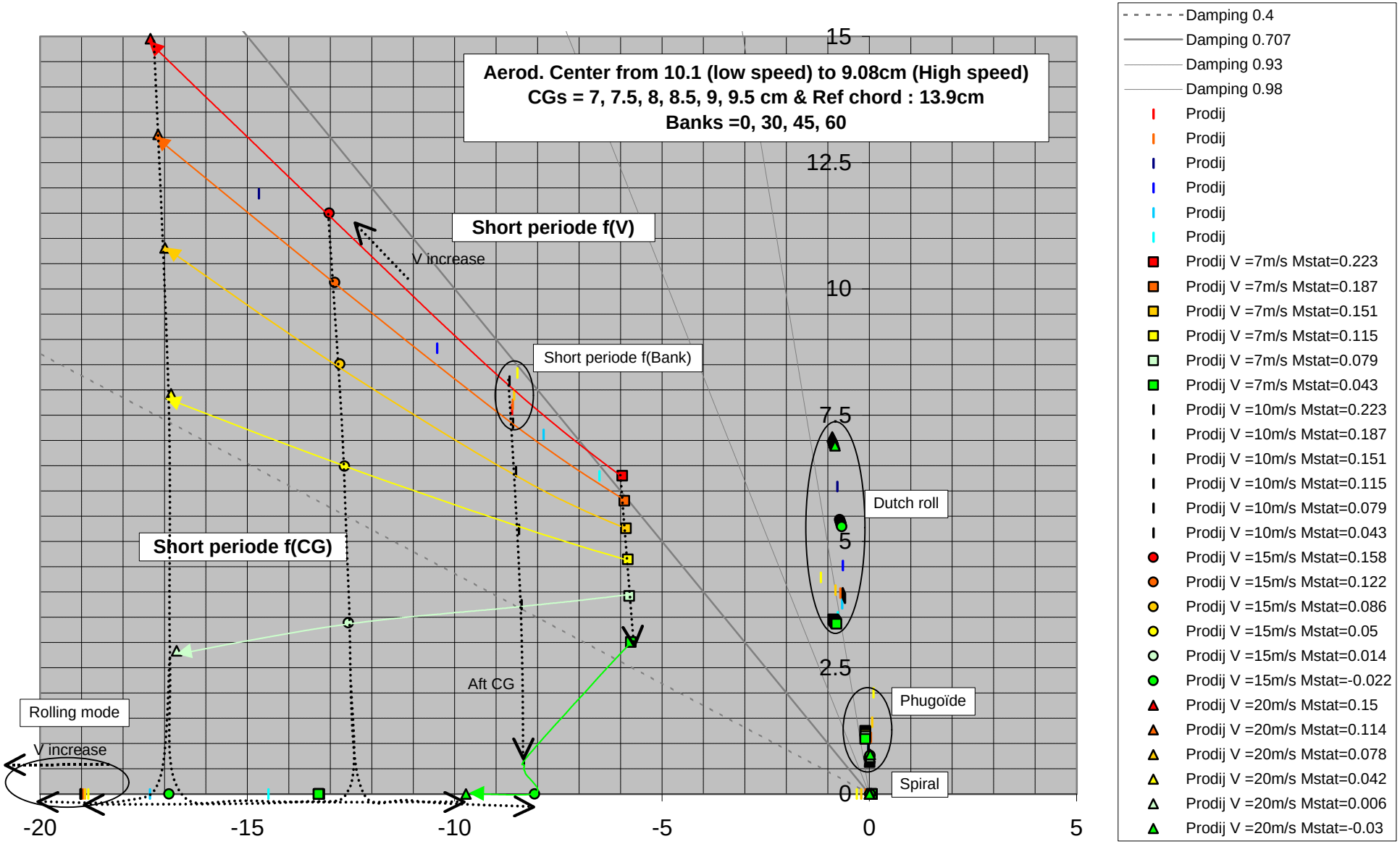
Aerod. Center from 10.1 (low speed) to 9.08cm (High speed)
CGs = 7, 7.5, 8, 8.5, 9, 9.5 cm & Ref chord : 13.9cm
Banks =0, 30, 45, 60
Short periode f(V)
V increase
Short periode f(Bank)
Short periode f(CG)
Aft CG
Dutch roll
Phugoïde
Spiral
Rolling mode
V increase
15
12.5
10
7.5
5
2.5
0
-20
-15
-10
-5
0
5
Damping 0.4
Damping 0.707
Damping 0.93
Damping 0.98
Prodij
Prodij
Prodij
Prodij
Prodij
Prodij
Prodij V =7m/s Mstat=0.223
Prodij V =7m/s Mstat=0.187
Prodij V =7m/s Mstat=0.151
Prodij V =7m/s Mstat=0.115
Prodij V =7m/s Mstat=0.079
Prodij V =7m/s Mstat=0.043
Prodij V =10m/s Mstat=0.223
Prodij V =10m/s Mstat=0.187
Prodij V =10m/s Mstat=0.151
Prodij V =10m/s Mstat=0.115
Prodij V =10m/s Mstat=0.079
Prodij V =10m/s Mstat=0.043
Prodij V =15m/s Mstat=0.158
Prodij V =15m/s Mstat=0.122
Prodij V =15m/s Mstat=0.086
Prodij V =15m/s Mstat=0.05
Prodij V =15m/s Mstat=0.014
Prodij V =15m/s Mstat=-0.022
Prodij V =20m/s Mstat=0.15
Prodij V =20m/s Mstat=0.114
Prodij V =20m/s Mstat=0.078
Prodij V =20m/s Mstat=0.042
Prodij V =20m/s Mstat=0.006
Prodij V =20m/s Mstat=-0.03