acceleration comparison

ballistic capsule:
$\beta = 400 \, \text{kg/m}^2$
$L/D = 0.00$
$\gamma_0 = 10.0\,°$
$h_0 = 100\,\text{km}$

lifting body:
$\beta = 50 \, \text{kg/m}^2$
$L/D = 1.00$
$\gamma_0 = 5.0\,°$
$h_0 = 100\,\text{km}$

acceleration (m/s^2)

time (s)

ballistic capsule
lifting body