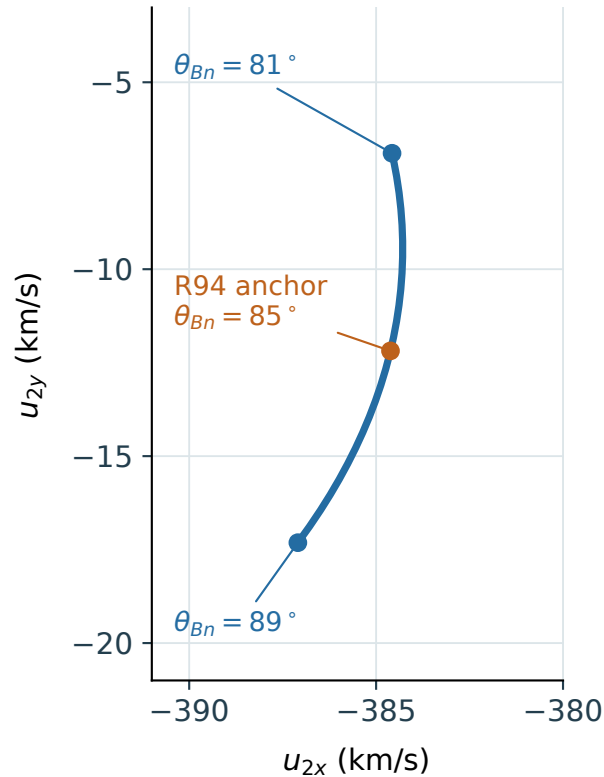


One upstream state, different allowed flow directions

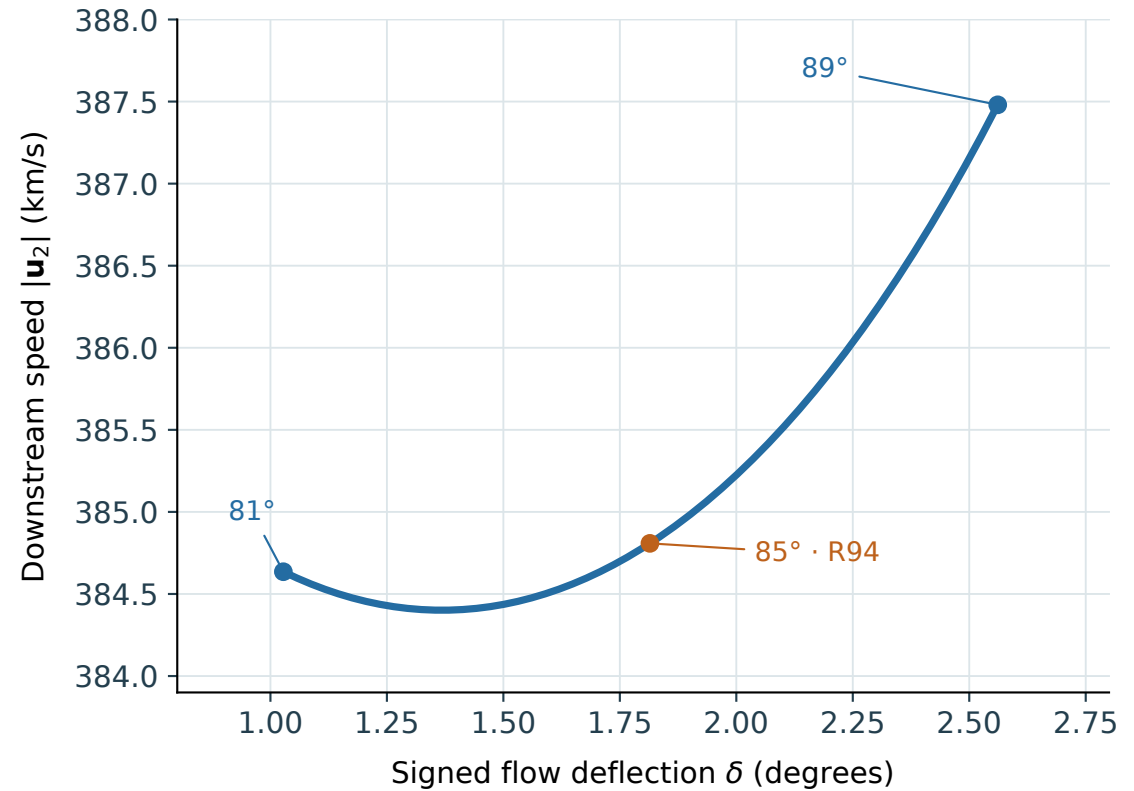
RM095 | Stationary planes. Velocity states, not a front shape.

$\mathbf{u}_1 = (-600, 0)$ km/s, $c_1 = 156$ km/s, $v_{A1} = 386.8$ km/s, $\gamma = 5/3$

(a) Fixed Cartesian axes, zoomed



(b) The same sector in speed-deflection form



All 321 computed points pass the local fast-shock checks.

Compression varies only from 1.55488 to 1.56020; deflection varies from 1.03° to 2.56° .

These are downstream velocity states, not a front shape or a trajectory.

One selected model sector; no continuous-domain or complete-family certificate.