tikzpicture[] axis[height = 101.6mm, ylabel = , title = Plasma Current in Pulsed Tokamak, xmin = 0.0, xmax = 21.0, ymax = 1.8, xlabel = Time, unbounded coords=jump,scaled x ticks = false,xticklabel style=rotate = 0,xmajorgrids = true,xtick = 0,7,14,xticklabels = $0,\tau_P,2\tau_P$,xtick align = inside,axis lines* = left,scaled y ticks = false,yticklabel style=rotate = 0,ymajorgrids = false,ytick = 1,yticklabels = I_P^*,ytick align = inside,axis lines* = left, xshift = 0.0mm, yshift = 0.0mm, axis background/.style=fill=rgb,1:red,1.00000000;green,1 , ymin = 0.0, width = 152.4mm]+ [color = rgb,1:red,0.00000000;green,0.60560316;blue,0.97868012, draw opacity=0.65, line width=1.5, dashed,mark = none, mark size = 2.0, mark options = color = rgb,1:red,0.00000000;green,0. draw opacity = 0.65, fill = rgb,1:red,0.00000000;green,0.60560316;blue,0.97868012, fill opacity = 0.65, line width = 1, rotate = 0, solid]coordinates (0, 1) (21, 1) ; Steady-State + [color = rgb,1:red,0.88887350;green,0.43564919;blue draw opacity=0.6, line width=1, solid,mark = none, mark size = 2.0, mark options = color = rgb,1:red,0.00000000;green,0. draw opacity = 0.6, fill = rgb,1:red,0.88887350;green,0.43564919;blue,0.27812294, fill opacity = 0.6, line width = 1, rotate = 0, solid ,fill = rgb,1:red,0.88887350;green,0.43564919;blue,0.27812294, fill opacity=0.3,area█ legend]coordinates (0.0, 0.0) (1.0, 1.0) (1.0, 0.0) (NaN, NaN) (7.0, 0.0) (8.0, 1.0) (8.0, 0.0) (NaN, NaN) (14.0, 0.0) (15.0, 1.0) (15.0, 0.0) ; Ramp-Up + [color = rgb,1:red,0.24222430;green,0.64327509;blue,0.30444865, draw opacity=0.6, line width=1, solid,mark = none, mark size = 2.0, mark options = color = rgb,1:red,0.00000000;green,0. draw opacity = 0.6, fill = rgb,1:red,0.24222430;green,0.64327509;blue,0.30444865, fill opacity = 0.6, line width = 1, rotate = 0, solid ,fill = rgb,1:red,0.24222430;green,0.64327509;blue,0.30444865, fill opacity=0.35,area█ legend]coordinates (1.0, 1.0) (4.0, 1.0) (4.0, 0.0) (1.0, 0.0) (NaN, NaN) (8.0, 1.0) (11.0, 1.0) (11.0, 0.0) (8.0, 0.0) (NaN, NaN) (15.0, 1.0) (18.0, 1.0) (18.0, 0.0) (15.0, 0.0) ; Flattop + [color = rgb,1:red,0.76444018;green,0.44411178;blu draw opacity=0.6, line width=1, solid,mark = none, mark size = 2.0, mark options = color = rgb,1:red,0.00000000;green,0. draw opacity = 0.6, fill = rgb,1:red,0.76444018;green,0.44411178;blue,0.82429754, fill opacity = 0.6, line width = 1, rotate = 0, solid ,fill = rgb,1:red,0.76444018;green,0.44411178;blue,0.82429754, fill opacity=0.3,area█ legend]coordinates (4.0, 1.0) (5.0, 0.0) (4.0, 0.0) (NaN, NaN) (11.0, 1.0) (12.0, 0.0) (11.0, 0.0) (NaN, NaN) (18.0, 1.0) (19.0, 0.0) (18.0, 0.0) ; Ramp-Down + [color = rgb,1:red,0.67554396;green,0.55566233;blue,0.09423434,█ draw opacity=0.45, line width=7, solid,mark = none, mark size = 2.0, mark options = color = rgb,1:red,0.00000000;green,0 draw opacity = 0.45, fill = rgb,1:red,0.67554396;green,0.55566233;blue,0.09423434, fill opacity = 0.45, line width = 1, rotate = 0, solid]coordinates (5.0, 0.0) (7.0, 0.0) (NaN, NaN) (12.0, 0.0) (14.0, 0.0) (NaN, NaN) (19.0, 0.0) (21.0, 0.0) ; Dwell