



“Function” view

- McStas library function, `box_intersect()` takes params
 - &t0, &t1** – [output] : times of intersection
 - xp, yp, zp** – [input] : coords for neutron in relation to box centered at origin
 - vxp, vyp, vzp** – [input] : velocity vector for neutron in relation to box centered at origin
 - xw, yh, zt** – [input] : box width, height, and thickness
- `box_intersect()` function views box as shown above(^) translation and rotation steps operating on P_n and v_n were necessary to achieve correct intersection times for rotated and translated box