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	$E_{totalmax} = \sqrt{E_{\rm syst}^2 + E_{\rm stat}^2}$	$E_{totalmax} = 0.0360555127546$
		totalinax
	$-r_{hor} - l_{safetyoffset} \le y \le r_{hor} + l_{safetyoffset} \left\{ -x_{lidar} - r_{ver} - l_{safetyoffset} \le x \le l_{safetyoffset} + r_{ver} - x_{lidar} \right\}$	
	$-r_{slowdown} - x_{lidar} < x < r_{slowdown} - x_{lidar} \left\{ -l_{sidedist} - r_{hor} \leq y \leq l_{sidedist} + r_{hor} \right\}$	
)	$-r_{normal} - x_{lidar} < x < r_{normal} - x_{lidar} \left\{ -l_{normal side dist} - r_{ver} \le y \le l_{normal side dist} + r_{ver} \right\}$	
)	$-r_{hor} < y < r_{hor} \left\{ -r_{ver} \le x \le r_{ver} \right\}$	
	$\left(-x_{lidar},0\right)$	
)	(0, 0.0)	
)	(0,0.08)	
)	(0,0.2)	
)	(0,0.32)	
_	(0,0.46)	

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