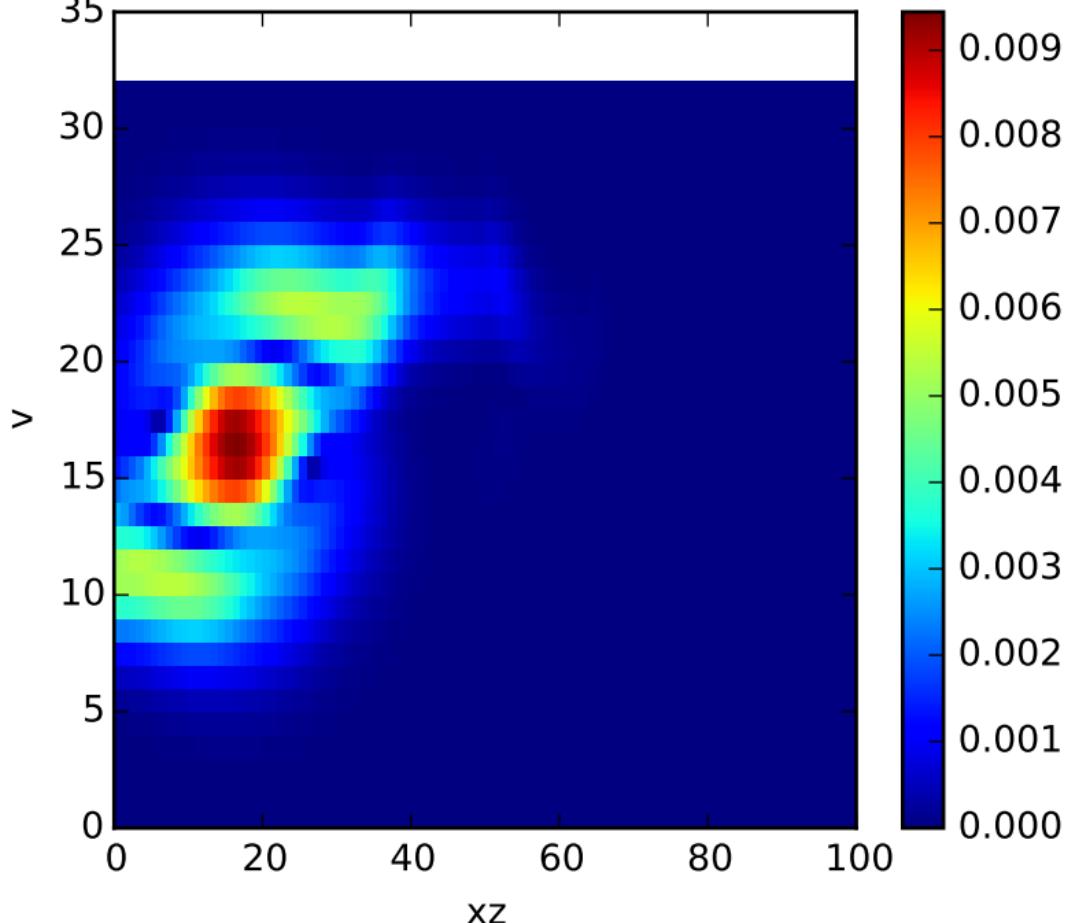


reference solution with $n=31555$



combined solution with $n=31555$

