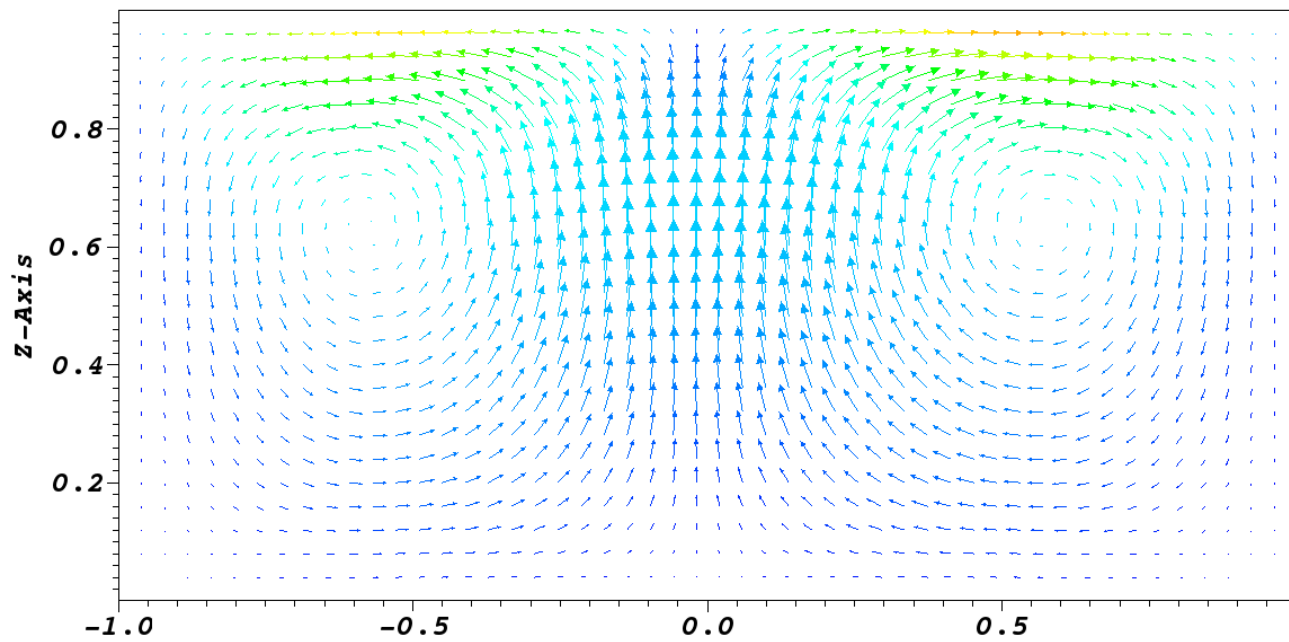


Stirring rate vs. $Re^{1/2}$

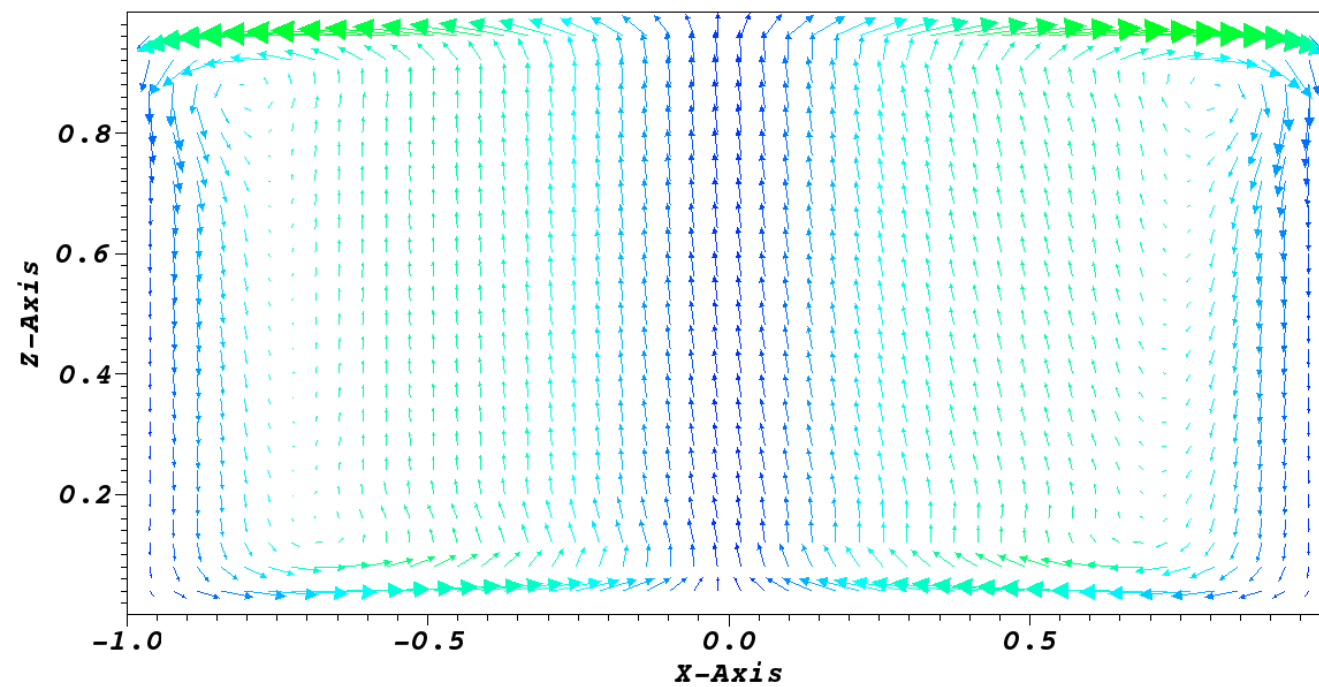
$0 < Re < 20$ --- linearly increase with $Re^{1/2}$

$20 < Re < 1000$ --- linearly decrease with $Re^{1/2}$

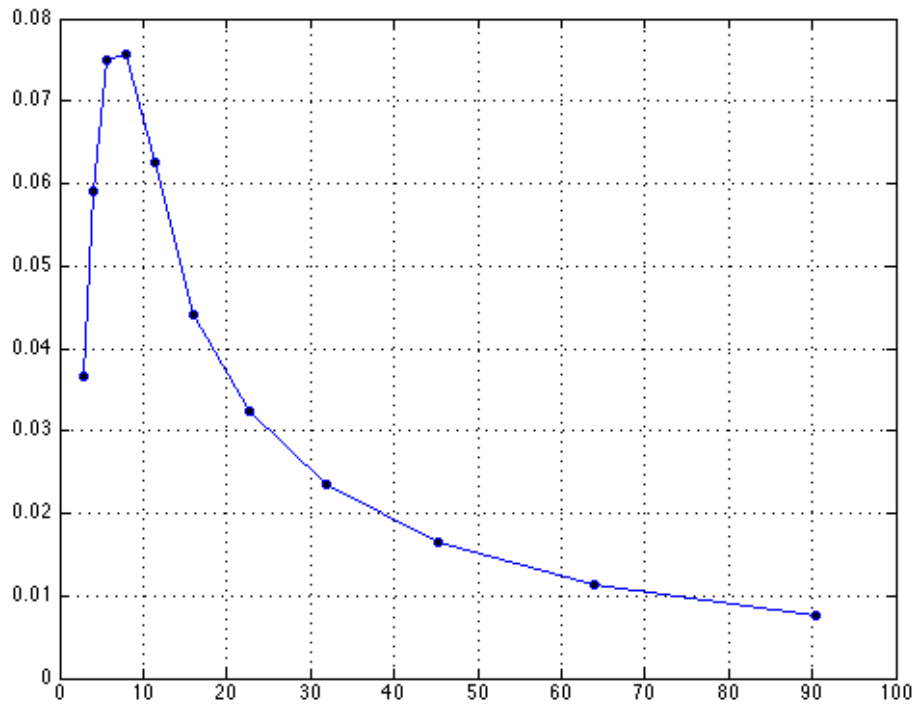
$Re > 1000$ --- exponentially decrease with $Re^{1/2}$



Re=16

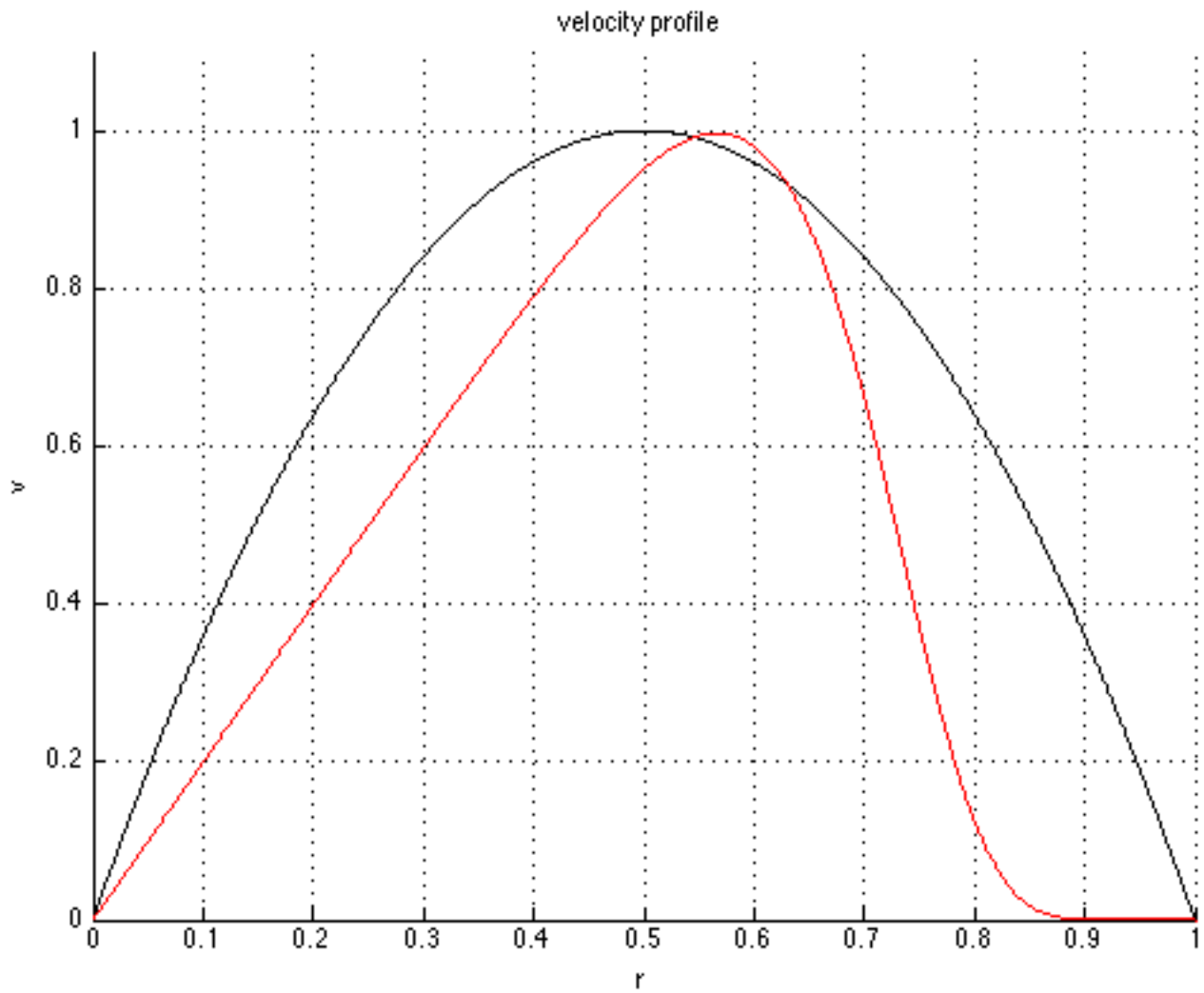


Re=512



Upwelling transport vs. $Re^{1/2}$

Top Ekman layer depth = $E^{1/2}$



Top lid velocity profile