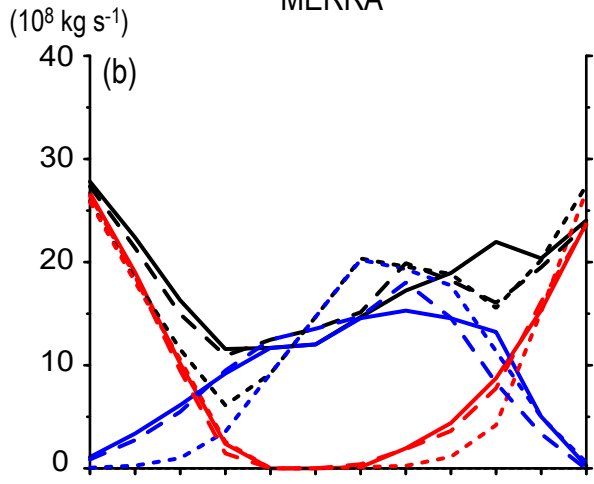
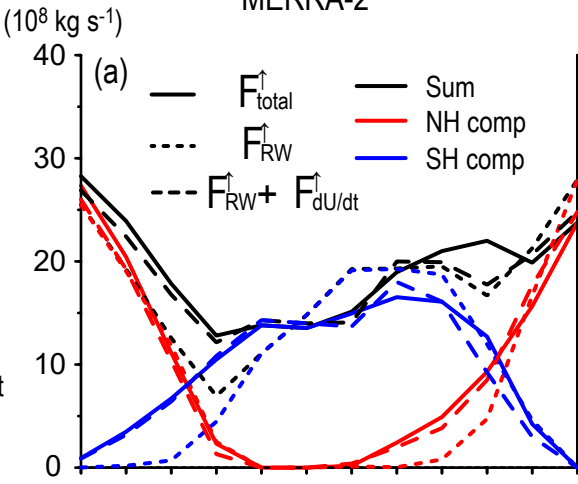


10 hPa

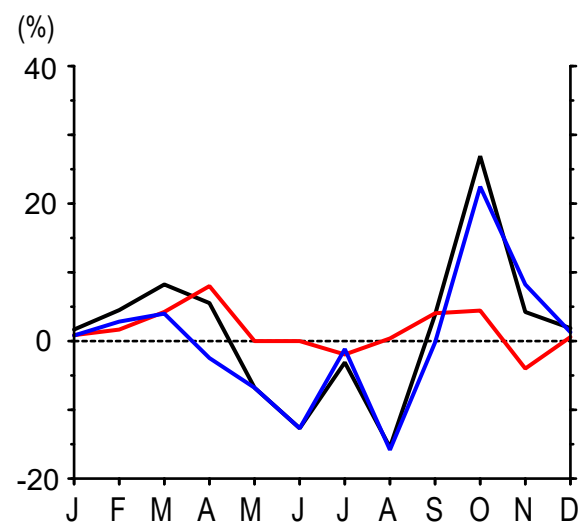
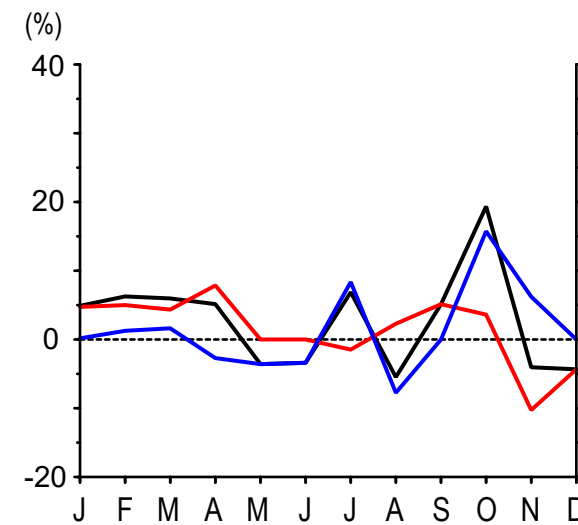
MERRA-2

MERRA

F_{total}^{\uparrow}
&
 F_{RW}^{\uparrow}
&
 $F_{RW}^{\uparrow} + F_{dU/dt}^{\uparrow}$



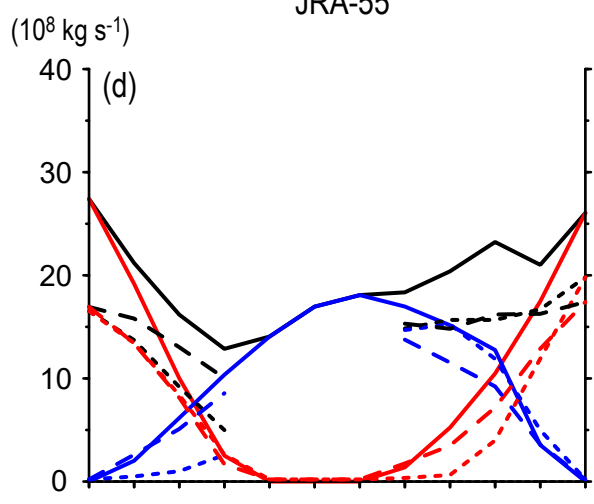
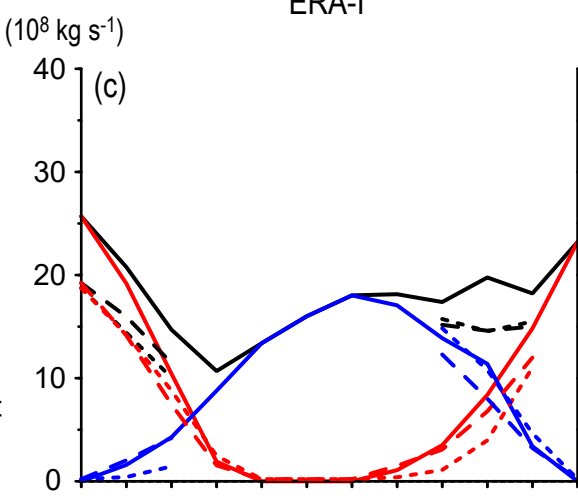
$\frac{F_{GW}^{\uparrow}}{F_{total}^{\uparrow}}$



ERA-I

JRA-55

F_{total}^{\uparrow}
&
 F_{RW}^{\uparrow}
&
 $F_{RW}^{\uparrow} + F_{dU/dt}^{\uparrow}$



$\frac{F_{GW}^{\uparrow}}{F_{total}^{\uparrow}}$

