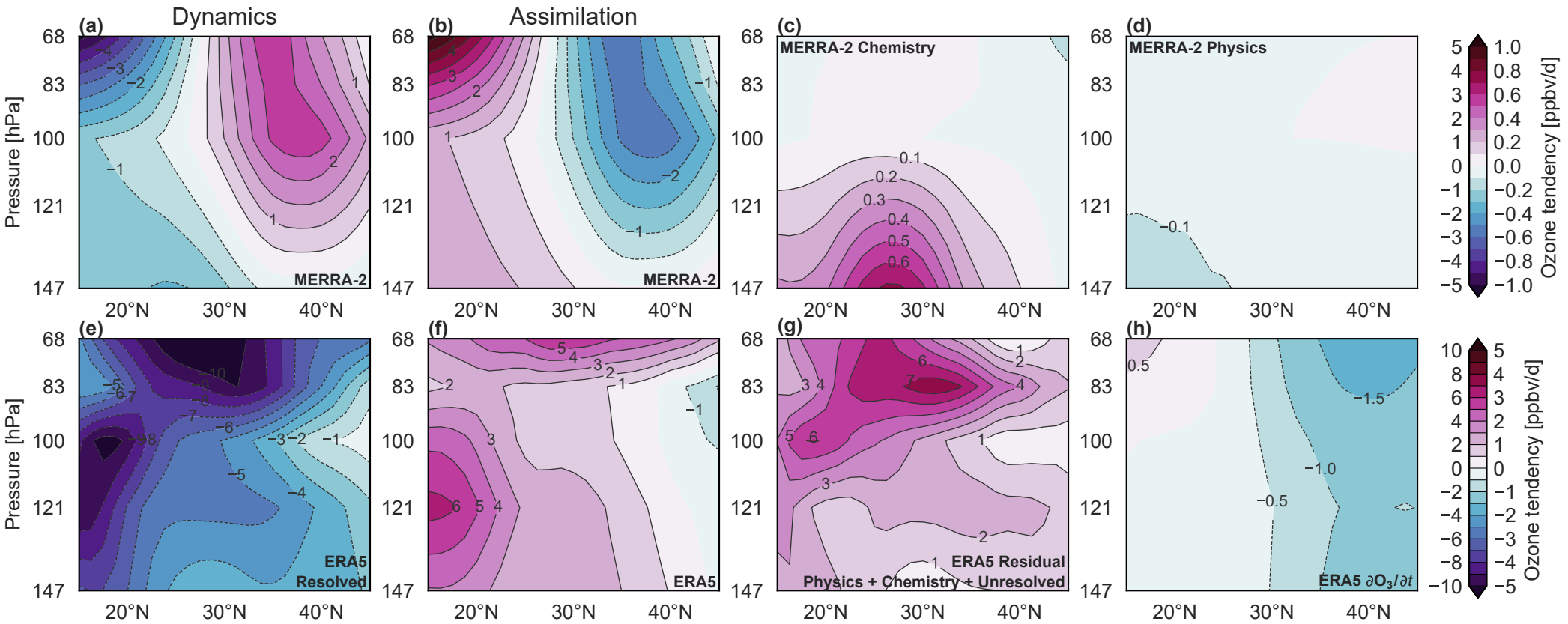
Dynamics
Assimilation
(a)
(b)
(c)
(d)
(e)
(f)
(g)
(h)
MERRA-2
MERRA-2
MERRA-2 Chemistry
MERRA-2 Physics
ERA5 Resolved
ERA5
ERA5 Residual
Physics + Chemistry + Unresolved
ERA5 ∂O3/∂t
Pressure [hPa]
68
83
100
121
147
20°N
30°N
40°N
Ozone tendency [ppbv/d]