**Magnus evolving matrix norms norms for non-local (LEFT) and semi-local (RIGHT) potential**

**(TOP), and (MIDDLE), (BOTTOM)**





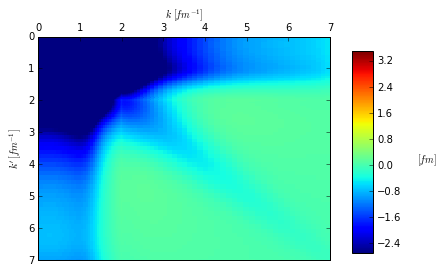
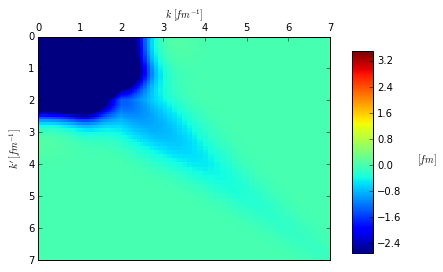
\*NOTICE THE X-AXIS: Non-local can evolve out past s > 0.06 whereas semi-local blows up before 0.06.

**Magnus evolving matrix norms norms for non-local (LEFT) and semi-local (RIGHT) potential**

**(TOP), and (MIDDLE), (BOTTOM)**



**Evolve semi-local potential out to for SRG (TOP) and Magnus with SRG (BOTTOM)**



**Evolve semi-local potential out to for SRG (TOP) and Magnus with SRG (BOTTOM)**

