

Runtime reconstruction algorithms on ORCA4 data

Runtime [s]	JShowerFit [all steps]	JGandalf [all steps]
Evt	1.5	0.8
Neutrino MC	250 (= 4m)	126 (= 2m)
Muon MC	24k (= 7h)	12k (=3h)
Data run (estimate)	210k (=60h)	105k (=30h)

- Data run is 6 hours of data taking
- How will this scale up with larger detector?
- Is the scaling sustainable?