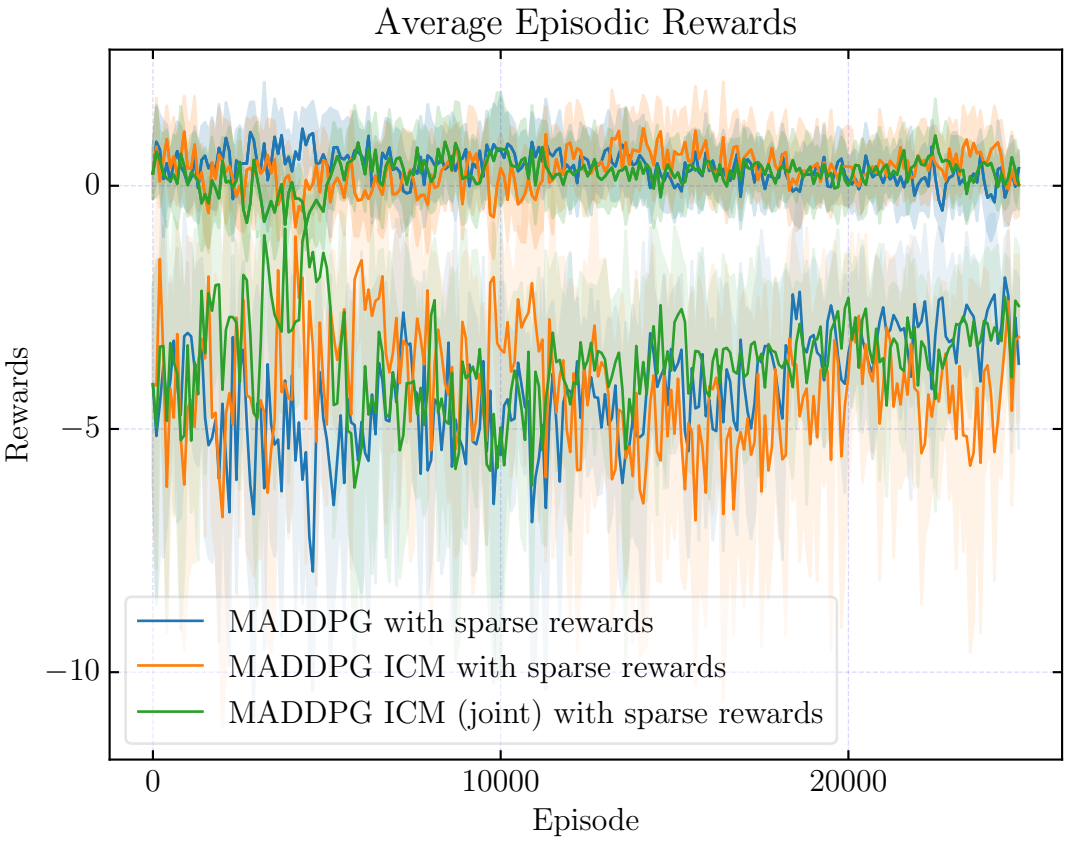
Average Episodic Rewards
Rewards
0
−5
−10
0
10000
20000
Episode
MADDPG with sparse rewards
MADDPG ICM with sparse rewards
MADDPG ICM (joint) with sparse rewards