

OSSR Onboarding - Integration #149

Onboarding: Framework for DM constraints from dwarf galaxies

02/24/2022 04:50 PM - Jutta Schnabel

Status:	Closed	Start date:	04/14/2021
Priority:	Normal	Due date:	
Assignee:	Jutta Schnabel	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	OSSR primer	Video recording:	https://youtu.be/KAyr1uMjMKY
Documentation:	https://gitlab.in2p3.fr/christopher.eckner/mlfermilatdwarfs	Zenodo entry:	https://zenodo.org/record/5592836
Meeting contribution:	https://indico.in2p3.fr/event/24458/?view=standard#2-onboarding-a-data-driven-fra		

Description

Python code to derive data-driven upper limits on the thermally averaged, velocity-weighted pair-annihilation cross-section (velocity-independent) of a user-defined particle dark matter model using the expected differential gamma-ray spectrum of pair-annihilation events (provided by the user) as well as 10 years of Fermi-LAT data from observations of the Milky Way's dwarf spheroidal galaxies.

History

#1 - 02/24/2022 04:50 PM - Jutta Schnabel

- Copied from Integration #8: [TEMPLATE] Onboarding: software or container added

#2 - 02/24/2022 04:52 PM - Jutta Schnabel

- Copied from deleted (Integration #8: [TEMPLATE] Onboarding: software or container)

#3 - 02/24/2022 04:53 PM - Jutta Schnabel

- Tags set to OSSR Onboarding

#4 - 02/24/2022 04:54 PM - Jutta Schnabel

- Assignee set to Jutta Schnabel

- Status changed from New to In Progress

#5 - 08/08/2022 08:01 PM - Jutta Schnabel

- Status changed from In Progress to Closed