

Interactive  
Comment

## ***Interactive comment on “The KM3NeT project: status and perspectives” by A. Margiotta***

**A. Margiotta**

margiotta@bo.infn.it

Received and published: 31 October 2012

Thank you very much for your comments. I will modify the text according to your suggestions. I include an IceCube reference to a paper [R. Abbasi et al., 732(2011)18] describing how the limit shown in fig. 2 is obtained. Concerning the improvement of the KM3NeT sensitivity for declination close to  $-90^\circ$  it is due essentially to the mid-latitude location of the detector, which defines the visibility of the sky. In order to clarify this point it is better to substitute the figure 1, which shows the position of the main potential neutrino sources with a figure showing the sky visibility for a Mediterranean detector. I add it hereafter. The figure caption is the following:

Sky coverage in Galactic coordinates for detectors located in the Mediterranean Sea and at the South Pole, where only the northern hemisphere can be observed. The shading indicates the visibility for a detector in the Mediterranean with  $2\pi$  downward

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



coverage; dark (light) blue areas are visible at least 75% (25%) of the time. The locations of observed sources of high-energy  $\gamma$  rays are also indicated.

I will implement the corrections as soon as possible.

With my best regards

Annarita Margiotta

---

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss., 2, 575, 2012.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



Interactive  
Comment

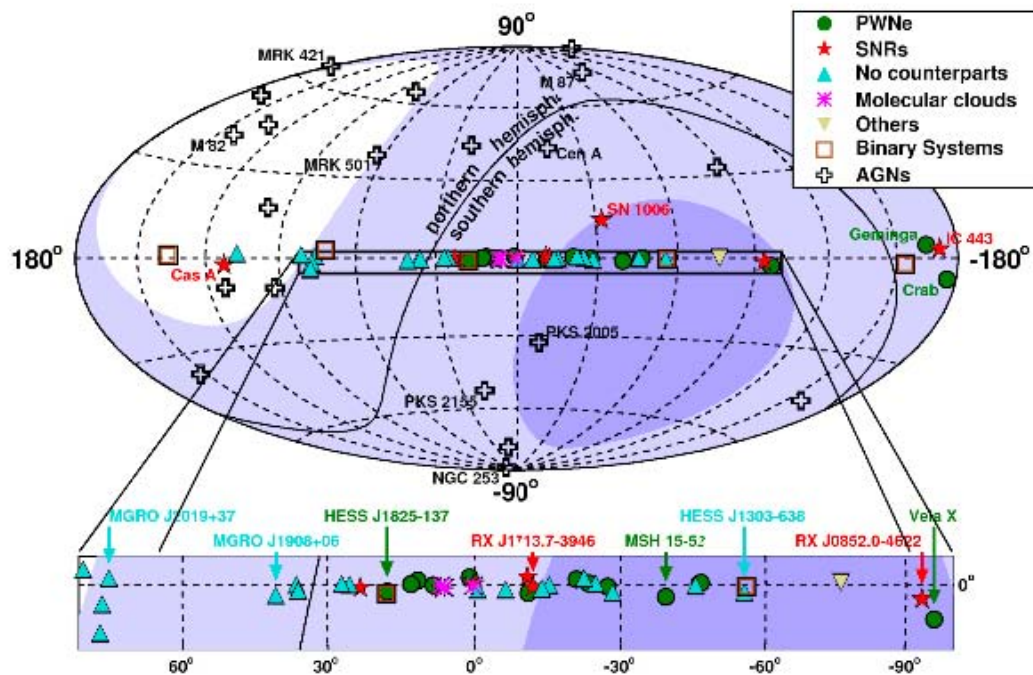


Fig. 1.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

