SMC planetary nenubae in S-PLUS

1 Science verification

I found this sample of SMC PNe: vizier- $\[i \]$ J/A+A/472/101/table7. Chemical evolution of SMC planetary nebulae (Idiart+, 2007, 2007A&A...472..101I) This catalog has \sim 40 PNe.

I made cross matching between this catalog and SPLUS catalog. I found 21 matches using a 1 arcsec of radii.

I put the final matches in my diagram,















