

Reassigned pickpixel to pick center of test file

③
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4813

searchRadius = 0.02 # arcminutes.

len(searchFile) = 29,834

↳ Radius of 2 arcmin takes all the data!

for loop takes ~ 50 seconds.

len(testFile) = 6,797,664

midBreakAt = [-, -] 2 breakpoints.

55784
56156

Problem - Ask

these breakpoints are subject to change when searchFile changes.

should we fix epoch bins first according to the whole data
↳ testFile?

put searchRadius = 0.8 # arcminutes

midBreakAt [-, -, -, -]

len(searchFile)
= 2,628,284

55400.56
55757.56
56142.52
56469.569

~ 1/2 test file

too long (1/2 hr.)

searchRadius = 0.28 ~ 1/7 test file

len(searchFile) = 89,2033 | len(pixel obj) = 26,022

midBreakAt = [-, -, -, -] 55404.57

55758.575

56142.54

56487.62

for loop

~ 20 min
— with printing

~ 22 sec
— without printing