

work status

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Abstract

- practice results
 - √ fixed mH=125.4
 - √ free mH
- understanding/ questions

$$mH = 125.4$$

- $umcer = 3.39712e-02$

EXT	PARAMETER		PARABOLIC	MINOS ERRORS	
NO.	NAME	VALUE	ERROR	NEGATIVE	POSITIVE
1	mu	7.49518e-02	3.39712e-02		

free mH

- uncer = 3.20110e-02

NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	mH	1.25626e+02	2.02507e-01	0.00000e+00	-1.47551e+00
2	mu	7.26711e-02	3.20110e-02	0.00000e+00	-5.60995e+00

- mu = 7.26711e-02
- Why mu so small ? statistics?

Understandings/Qs

- main.cxx
 - ✓ makespace.cxx (signalYield & signalPdf)
 - ✓ inputs_data.cxx
 - get mu uncer...
- ? • how to free mH , meaning
- test_mass = 126.5

```
if(argc>1) mjob=argv[1];  
if(argc>2) filename=argv[2];  
if(argc>3) test_mass=atof(argv[3]);  
else test_mass = 126.5;
```