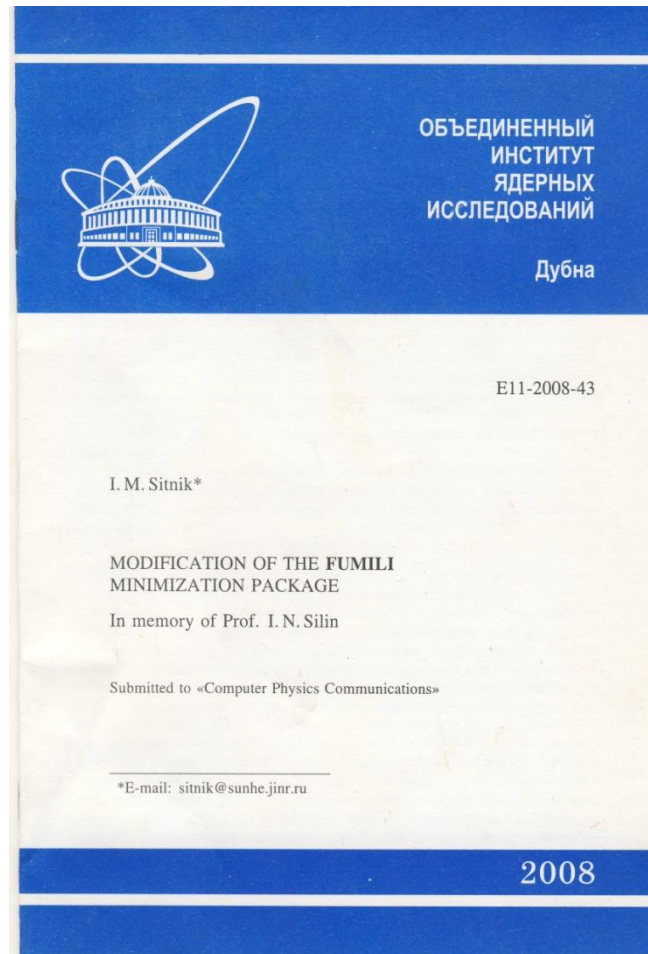


Пакет программ минимизации FUMILIM

И.М. Ситник

И.Н. Силину посвящается



Multi-Set task

```
384 bimfz-----0083  2.25260D+01    3.26279D-01    0.00000D+00    379  -0.862
385 t-----0084    3.50488D+01  --  7.74877D-01    8.38380D+01  --  387  -0.831
386 R1-----0084    1.39886D+00    1.10175D-03    1.63090D+00    391  -0.702
387 R2-----0084    9.74994D-01  --  9.79937D-03    1.15040D+00  --  385  -0.831
388 Z0-----0084    3.80689D-01    4.92806D-03   -3.05320D-01    389   0.455
389 bimfx-----0084  -2.72804D-01  --  4.88499D-02    0.00000D+00  --  388   0.455
390 bimfy-----0084  -2.84786D+00    3.80045D-02    0.00000D+00    388  -0.087
391 bimfz-----0084  -5.78974D+00  --  2.07548D-01    0.00000D+00  --  385  -0.816
392 t-----0085     2.10000D+01    0.00000D+00    8.38380D+01    Fixed on Bound
393 R1-----0085     1.30203D+00  --  7.48213D-04    1.63090D+00  --  392   0.714
394 R2-----0085     1.23094D-01    1.33143D-03    1.15040D+00    392  -0.525
395 Z0-----0085    -1.03914D+00  --  2.54673D-03   -3.05320D-01  --  396   0.373
396 bimfx-----0085     5.41561D+00    8.44514D-02    0.00000D+00    393  -0.664
397 bimfy-----0085    -9.71394D+00  --  4.18399D-02    0.00000D+00  --  394   0.061
398 bimfz-----0085    -2.75485D+00    9.47167D-02    0.00000D+00    392  -0.849
```

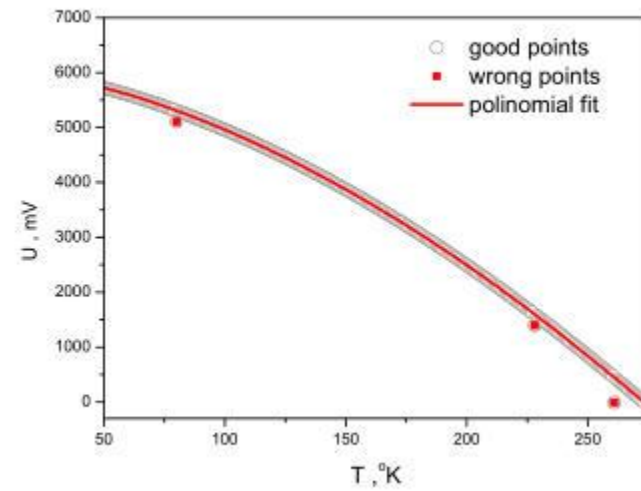
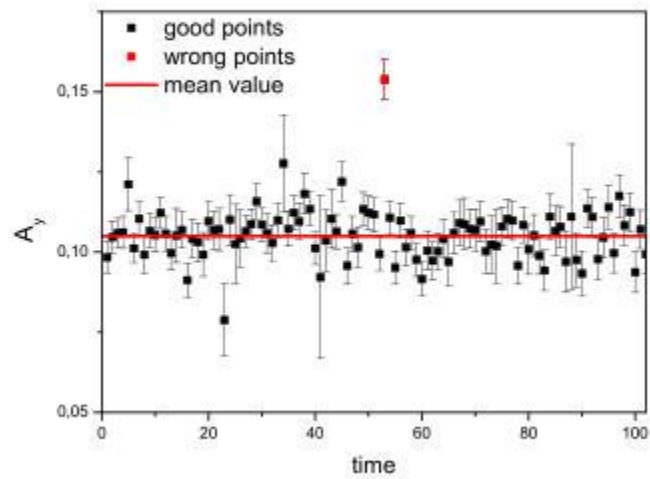
[end= 4: Fit Terminated, Iteration Limit

hi^2/NDF change: 1.81518D+02 -> 2.58104D+01

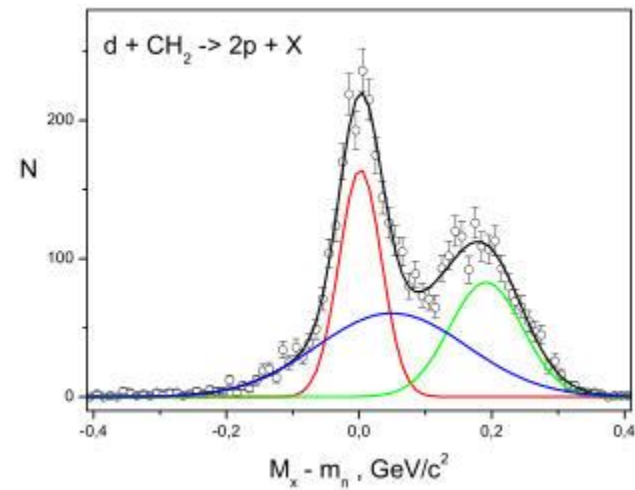
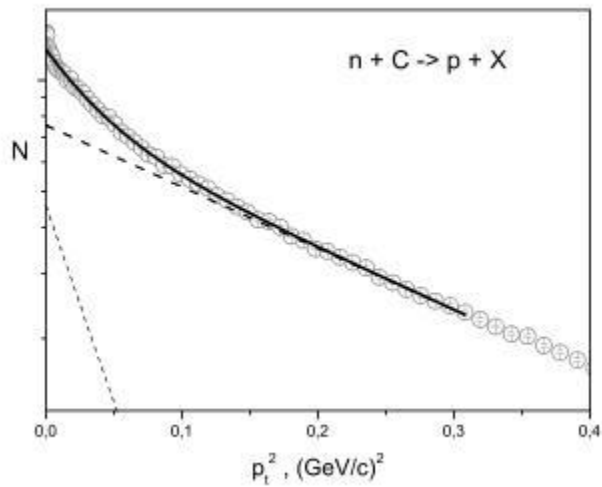
Event reconstruction

- Single detectors 1 000 000 tracks/sec
- Drift detectors 600 000 tracks/sec

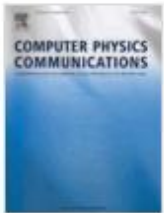
Chi2-cut



Intrinsic Functions



First version in CPC



Development of the FUMILI minimization package

Sitnik I

Computer Physics Communications, vol. 185, issue 10 (2014)

[View on ScienceDirect](#) ↗

Citations



0

Powered by [Scopus](#)

Views



385

Powered by [ScienceDirect](#)

Readers



10

Powered by [Mendeley](#)

August 2018



Feed Library Suggest Groups Datasets Careers Funding Search



Igor



The new version of the FUMILIM minimization package

Sitnik I

Computer Physics Communications, vol. 209 (2016)

[View on ScienceDirect](#)

Citations

2

Where are your viewers coming from?

Powered by Scopus

Overall views



Views

219

Powered by ScienceDirect

Readers

2

Top countries

Powered by Mendeley

China	45
Netherlands	41
United States	25
Russia	22
United Kingdom	9
Spain	7
Germany	7
India	7
Poland	6
Indonesia	6

October 2018



Feed Library Suggest Groups Datasets Careers Funding Search



Igor



The new version of the FUMILIM minimization package

Sitnik I

Computer Physics Communications, vol. 209 (2016)

[View on ScienceDirect](#)

Citations

2

Where are your viewers coming from?

Powered by Scopus

Views

226

Powered by ScienceDirect

Readers

2

Top countries

Powered by Mandlay

China	47
Netherlands	41
Russia	26
United States	25
United Kingdom	9
India	7
Germany	7
Spain	7
Poland	6
Indonesia	6

Overall views



Спасибо за внимание