

Lumi Meeting

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Systematics Update

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DESY / NCHEP, Minsk

Lumi correction

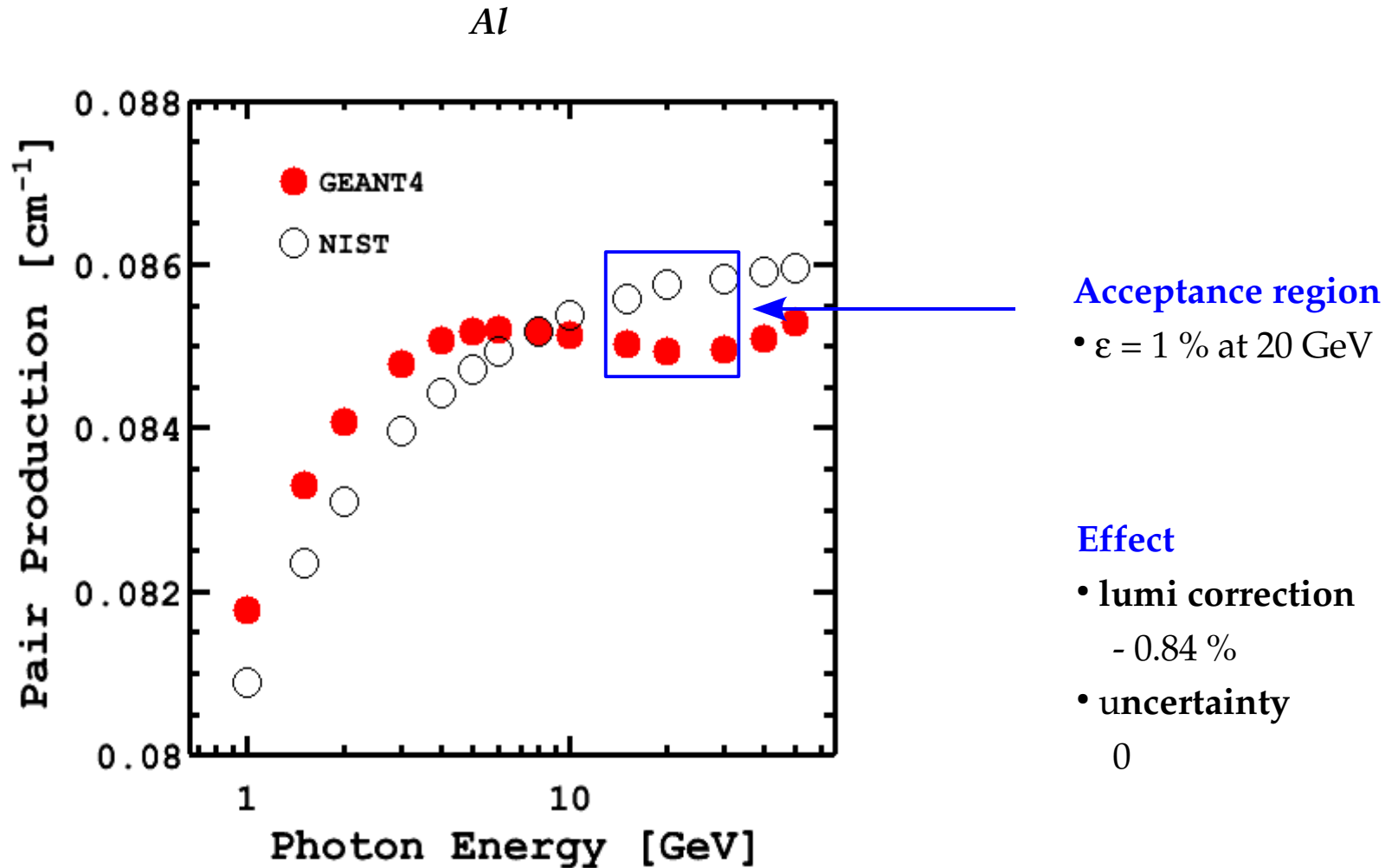
- **thickness**
- 0.2 %
 - **material composition**
1.36 %
 - **conversion cross sections**
0
 - **simulation**
- 1% (approx.)
-

~ 0.16 % (neglect)

Lumi uncertainty

- **thickness**
0.1 %
 - **material composition**
0.26 %
 - **conversion cross sections**
0.6 %
 - **simulation**
0 % (potential)
-

0.7 %



Lumi correction

- **thickness**
- 0.2 %
 - **material composition**
1.36 %
 - **conversion cross sections**
0
 - **simulation**
- 0.84%
-

0.32 % (neglect)

Lumi uncertainty

- **thickness**
0.1 %
 - **material composition**
0.26 %
 - **conversion cross sections**
0.6 %
 - **simulation**
0 % (potential)
-

0.7 %

Lumi systematic uncertainty

- conversion in the window

2 % → 0.7 %

- total

2.6 % → 1.8 %