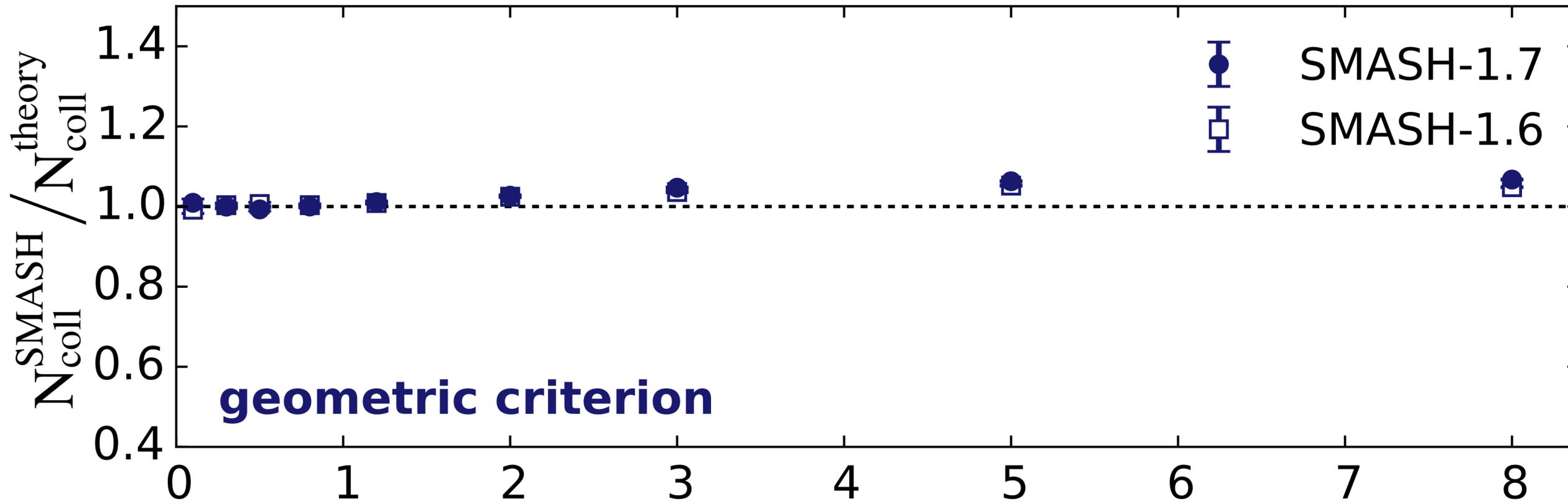only π^0 , only elastic collisions

SMASH analysis: SMASH-1.7ana

Elastic Box :
$V = 1000.0$ fm^3
$N = 200$
$N_{test} = 1$
$T = 0.200$ GeV
$dt = 0.01$ fm/c
$t_{tot} = 55.0$ fm/c
$N_{ev} = 100$

SMASH-1.7
SMASH-1.6

geometric criterion

stochastic criterion

SMASH-1.7

$$\frac{N_{coll}^{SMASH}}{N_{coll}^{theory}} = \frac{1}{N \ N_{test} /2} \ \frac{N_{coll}}{N_{ev} t_{tot}} \ \frac{V}{\sigma N \langle v \rangle}$$

Elastic cross−section σ, fm^2