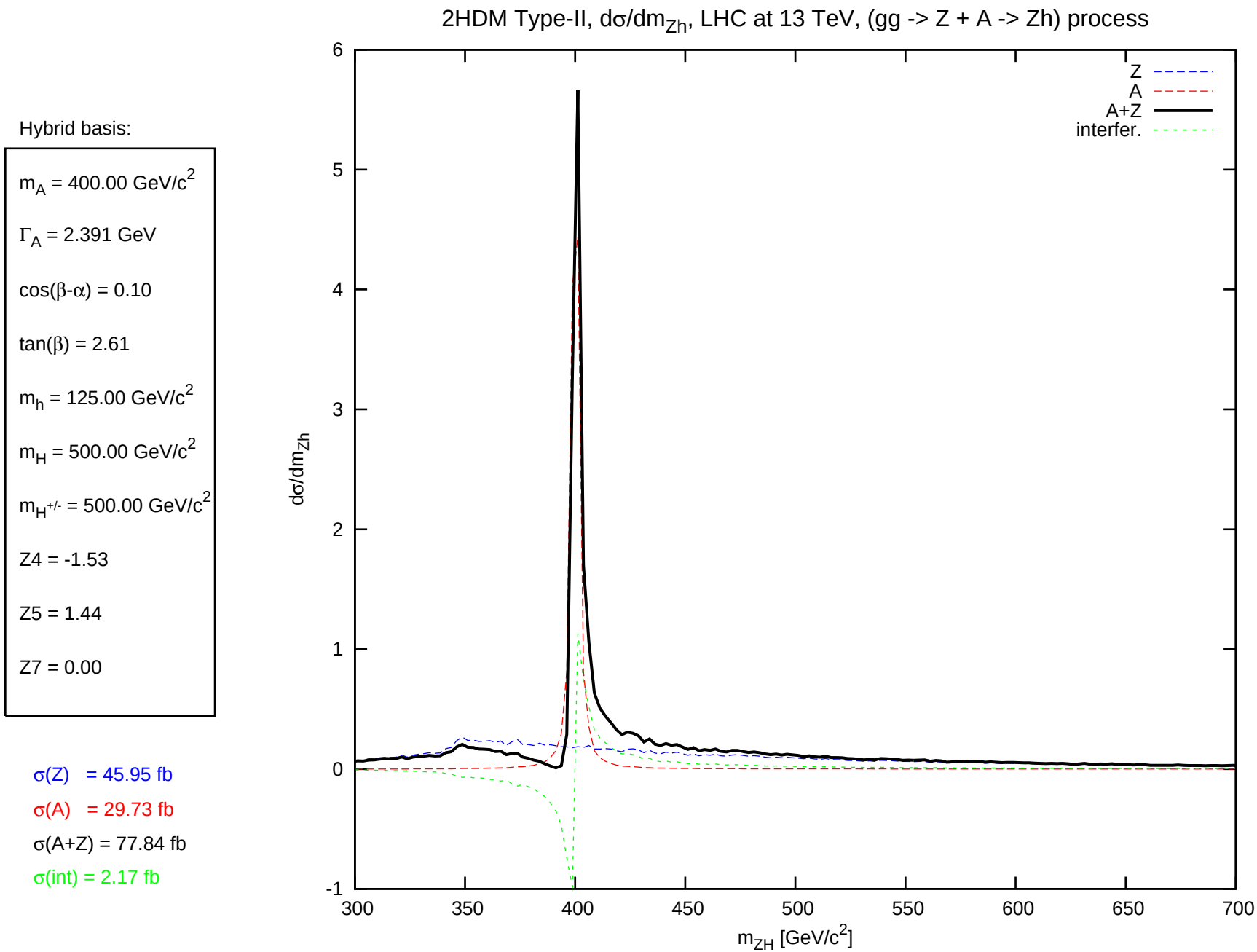
2HDM Type-II, dσ/dm$_{Zh}$, LHC at 13 TeV, (gg -> Z + A -> Zh) process
Hybrid basis:
m$_A$ = 400.00 GeV/c^2
Γ$_A$ = 2.391 GeV
cos(β-α) = 0.10
tan(β) = 2.61
m$_h$ = 125.00 GeV/c^2
m$_H$ = 500.00 GeV/c^2
m$_{H^{+/-}}$ = 500.00 GeV/c^2
Z4 = -1.53
Z5 = 1.44
Z7 = 0.00
σ(Z) = 45.95 fb
σ(A) = 29.73 fb
σ(A+Z) = 77.84 fb
σ(int) = 2.17 fb
Z
A
A+Z
interfer.
dσ/dm$_{Zh}$
m$_{ZH}$ [GeV/c^2]
6
5
4
3
2
1
0
-1
300
350
400
450
500
550
600
650
700