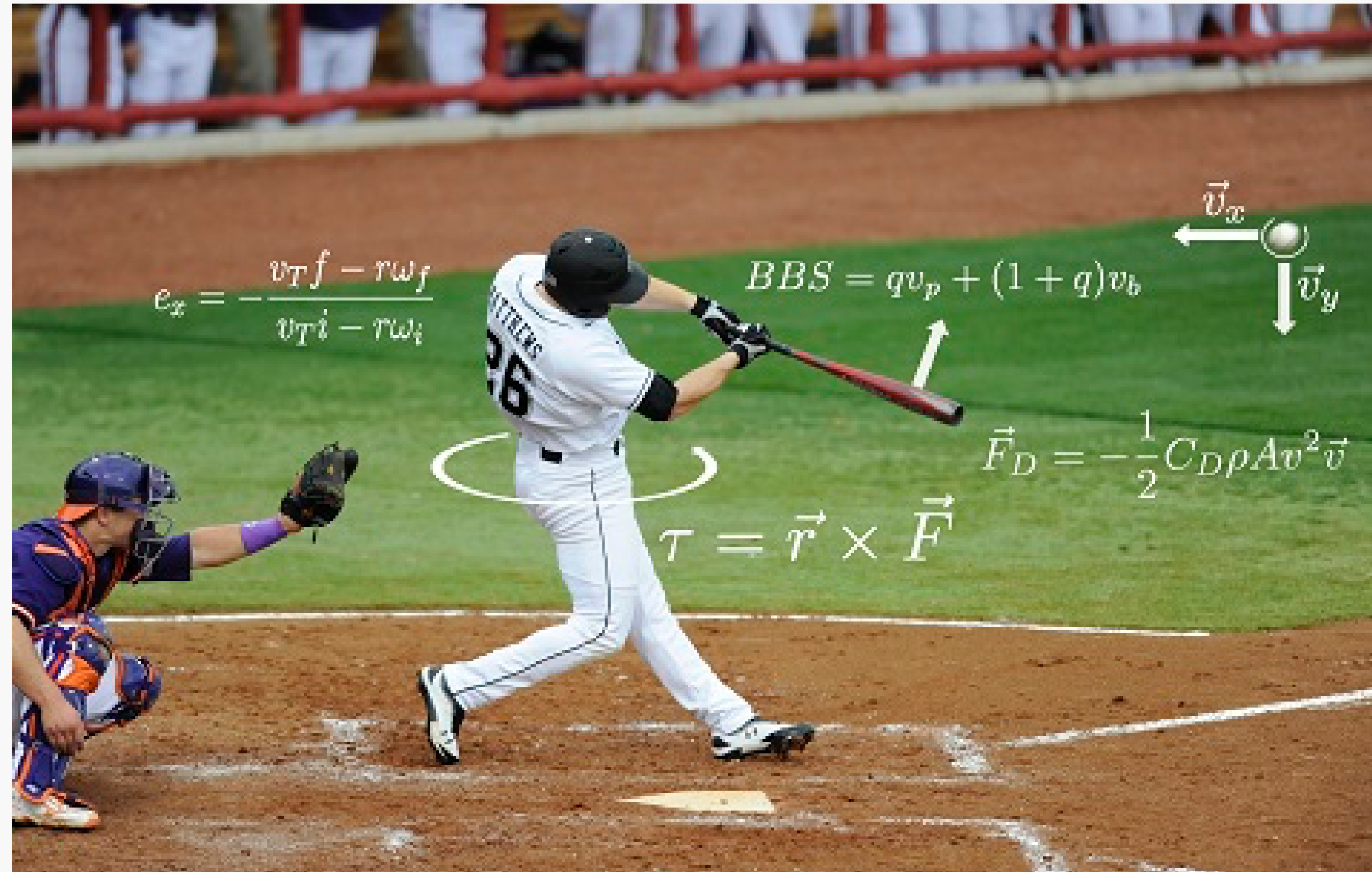


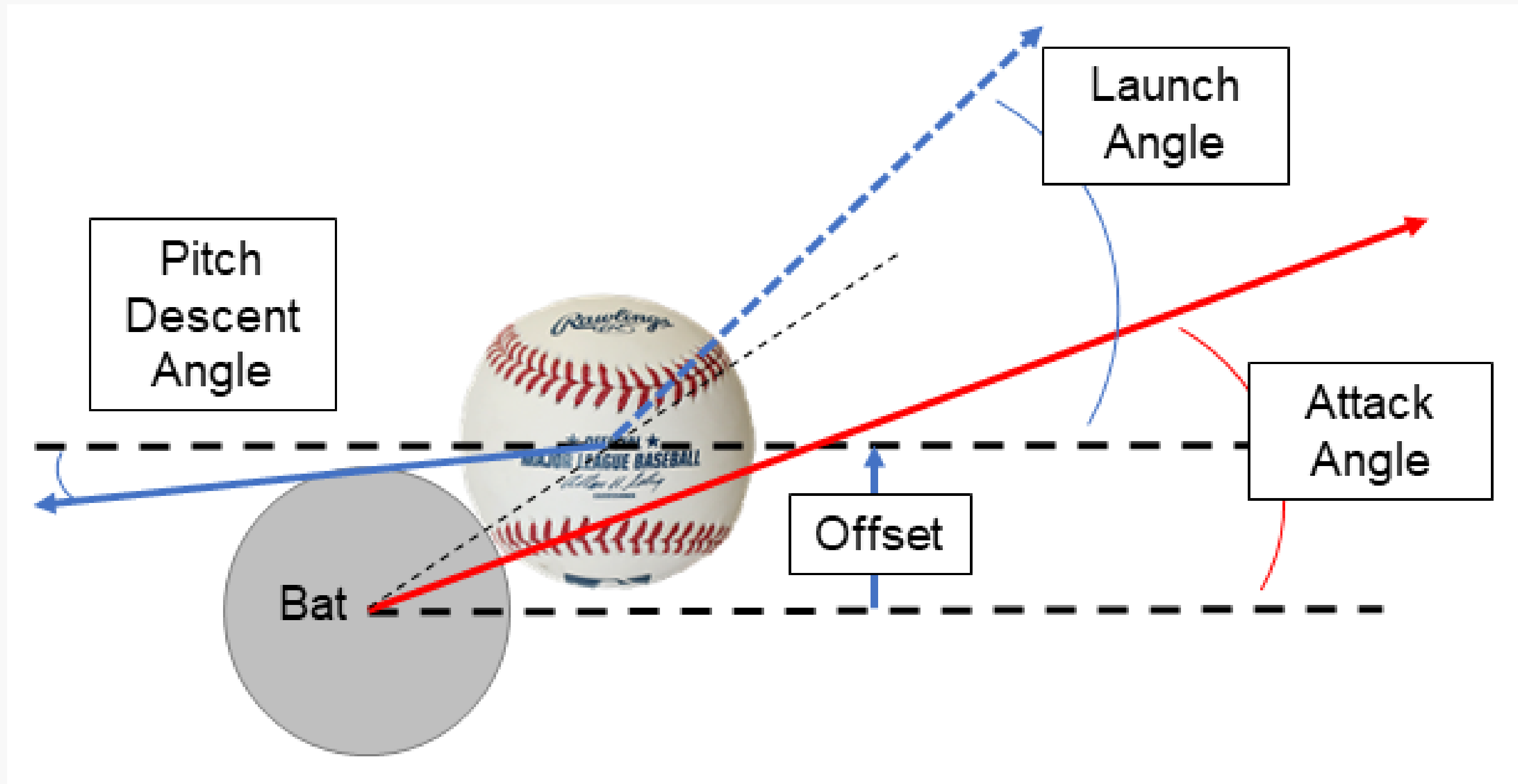
Finding the Optimal Attack Angle

April 19, 2021



BACKGROUND





SET UP & DATA COLLECTION



Project Timeline

from April 2020 - March 2021

- MIDDLE, MIDDLE
- MIDDLE, AWAY
- LOW, AWAY
- LOW, INSIDE

- LOW, INSIDE
- MIDDLE, INSIDE
- HIGH, AWAY
- HIGH, INSIDE
- HIGH, MIDDLE

APRIL 2020

PROJECT INITIATED

JULY 2020

ALEX GET INJURED, DATA
COLLECTION PAUSED

OCTOBER 2020

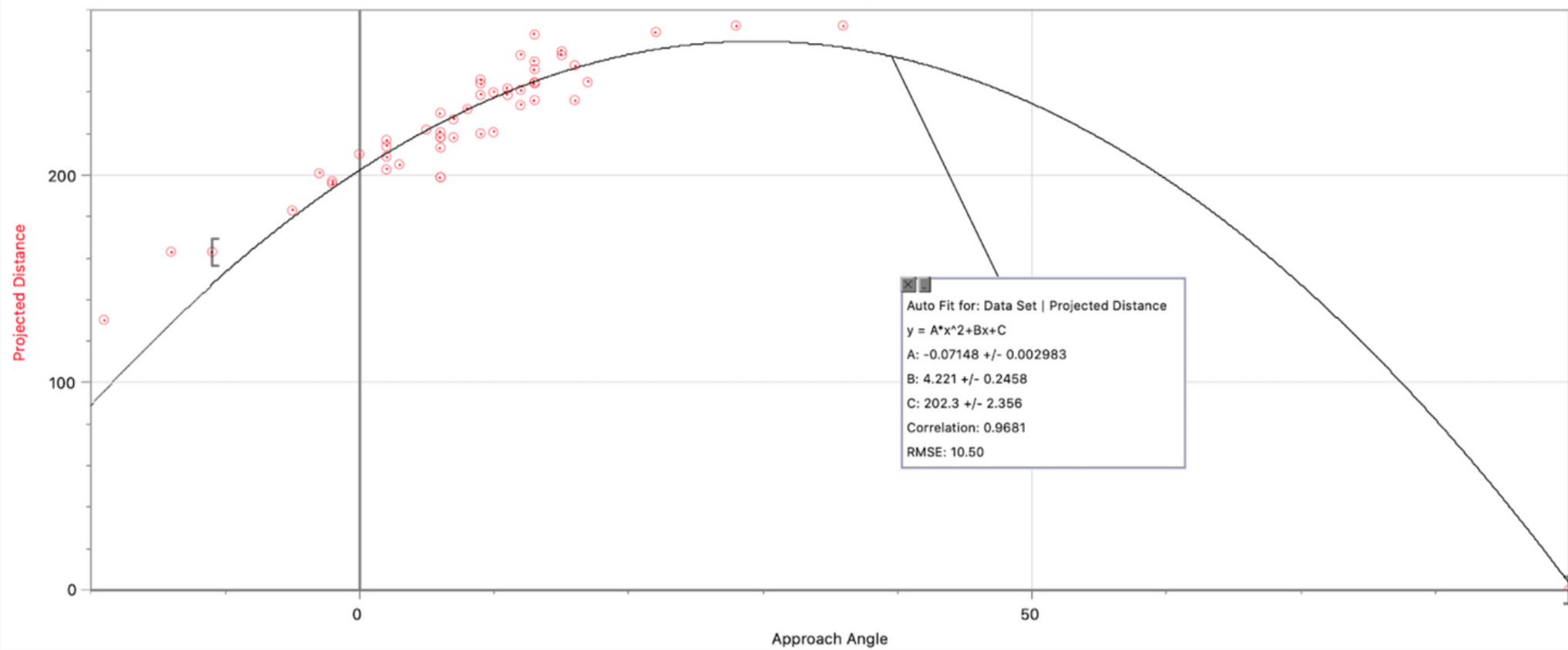
ALEX CLEARED TO HIT AGAIN,
DATA COLLECTION RESUMED

MARCH 2021

DATA COLLECTION FINISHED



Low and Away



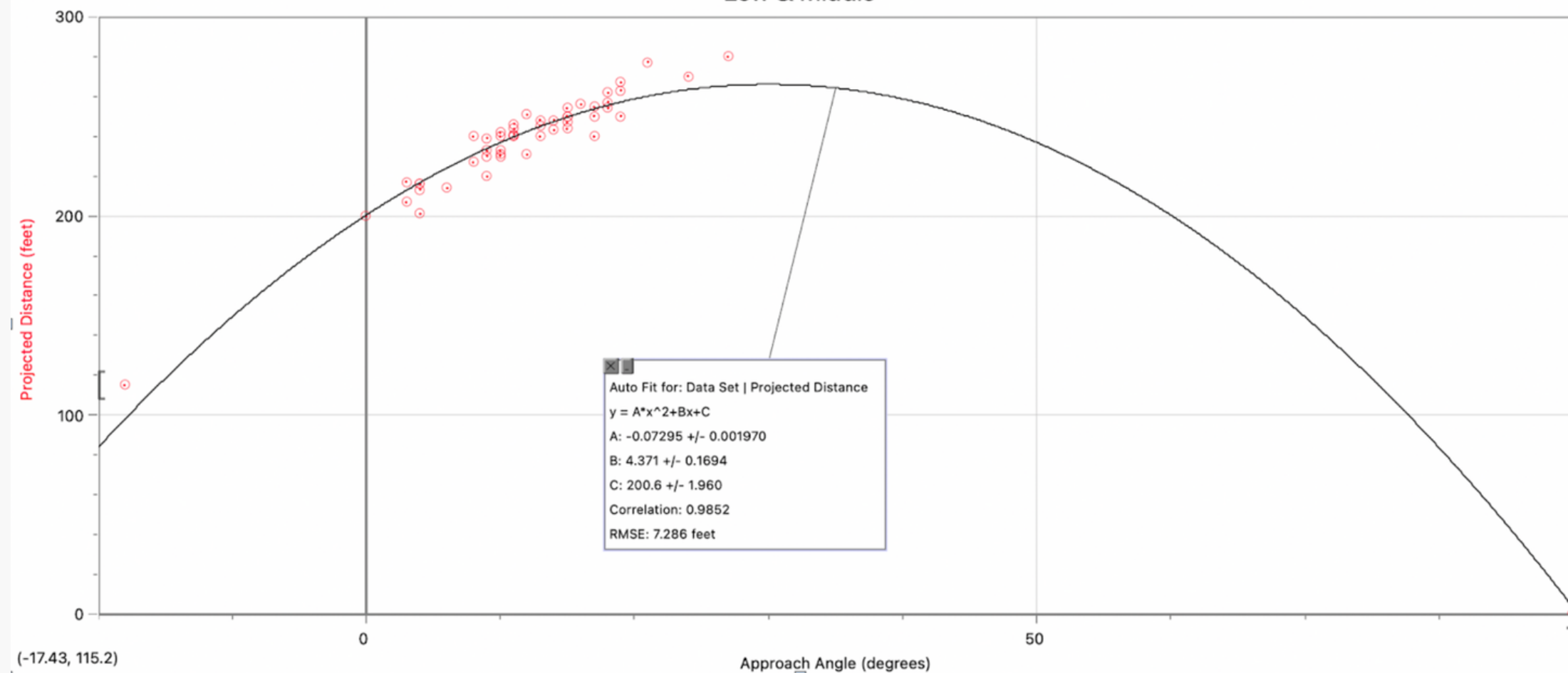
LOW & AWAY

MAX PROJECTED DISTANCE OF 265 FEET WITH AN ATTACK ANGLE OF 29.53°

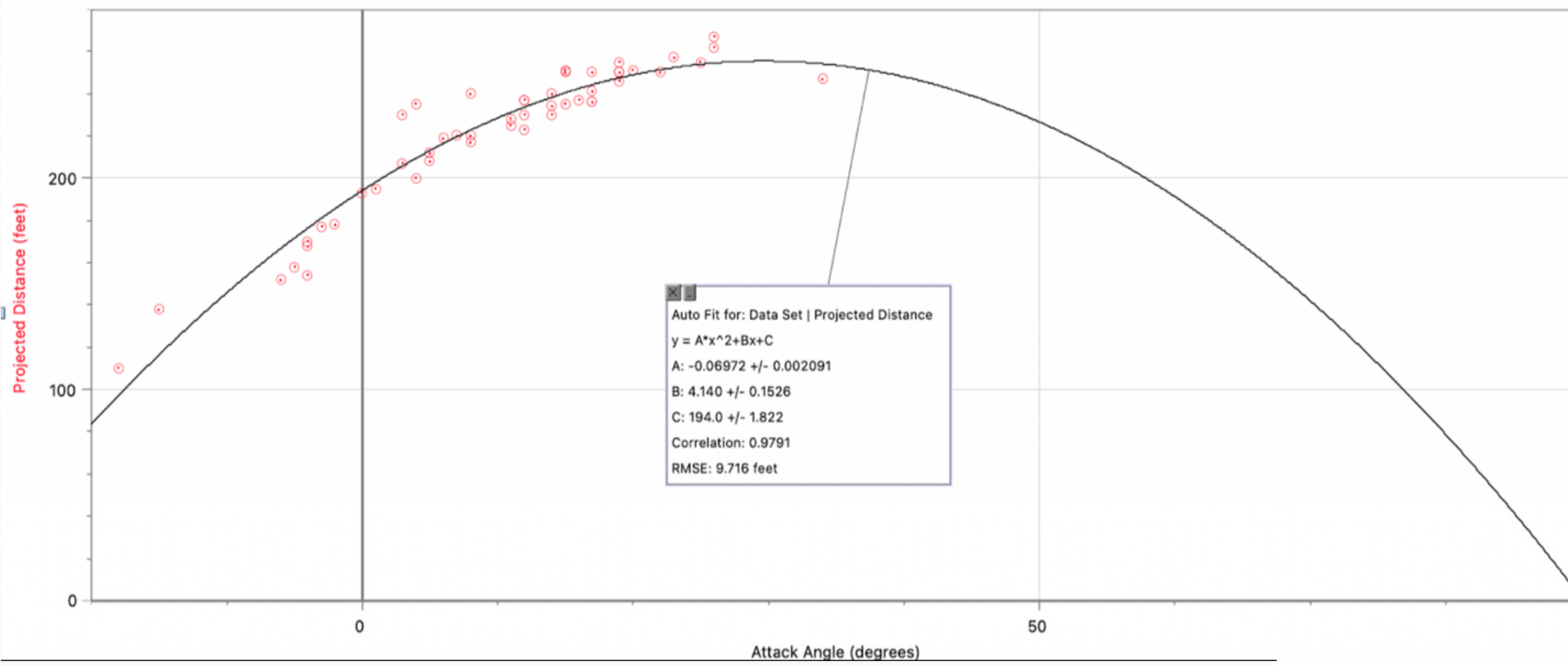
LOW & MIDDLE

MAX PROJECTED DISTANCE OF 266 FEET WITH AN ATTACK ANGLE OF 29.96°

Low & Middle



Low and In

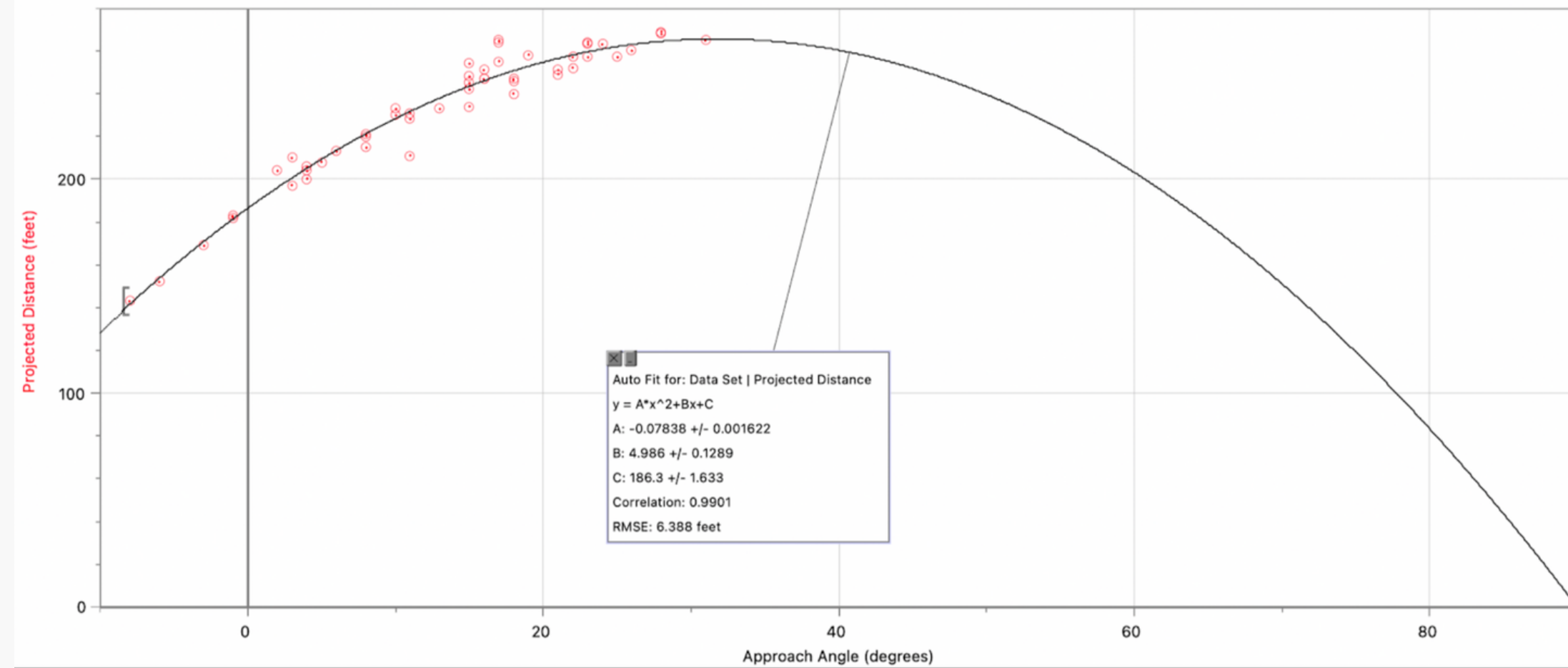


LOW & INSIDE
 MAX PROJECTED DISTANCE OF 256 FEET WITH AN ATTACK
 ANGLE OF 29.69°

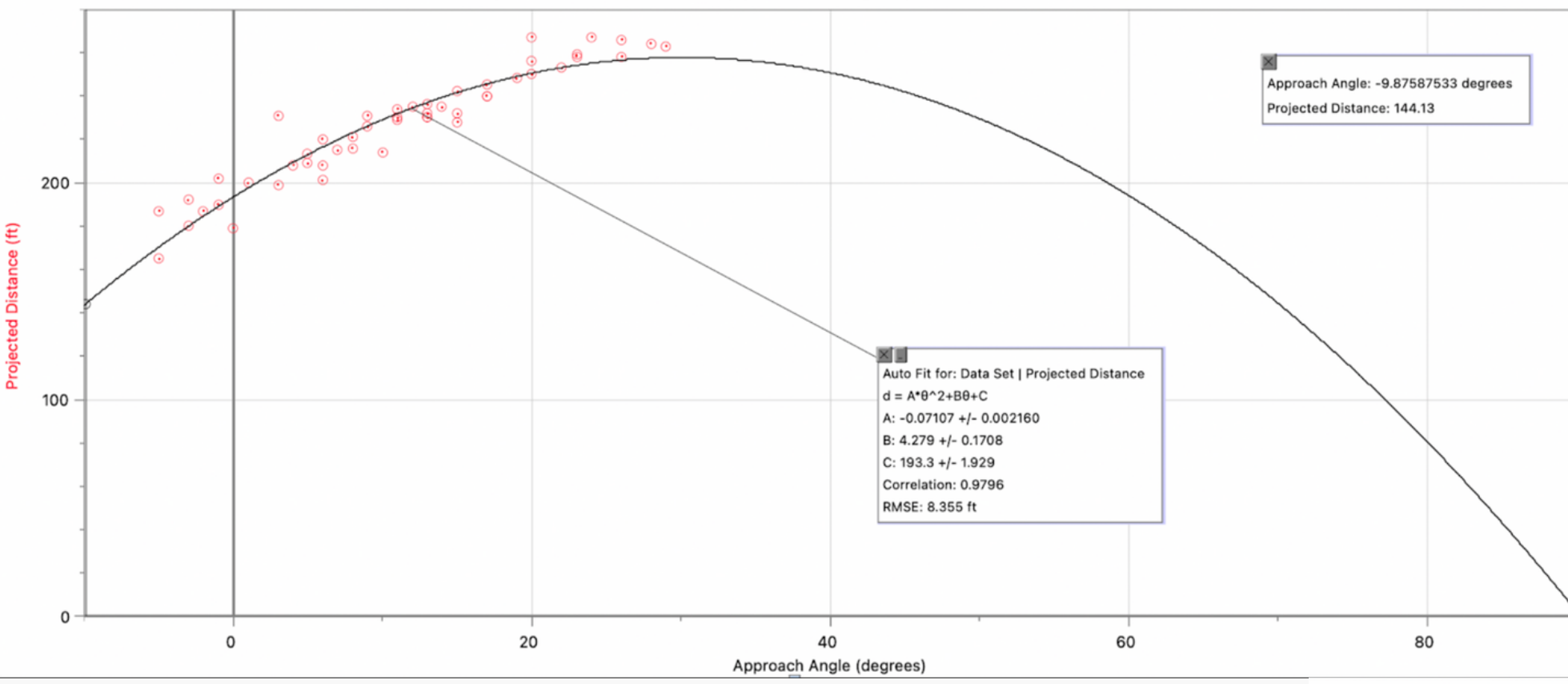
MIDDLE & AWAY

MAX PROJECTED DISTANCE OF 266 FEET WITH AN ATTACK
 ANGLE OF 31.81°

Middle & Away



Projected Distance vs Approach Angle (Middle of the Zone)



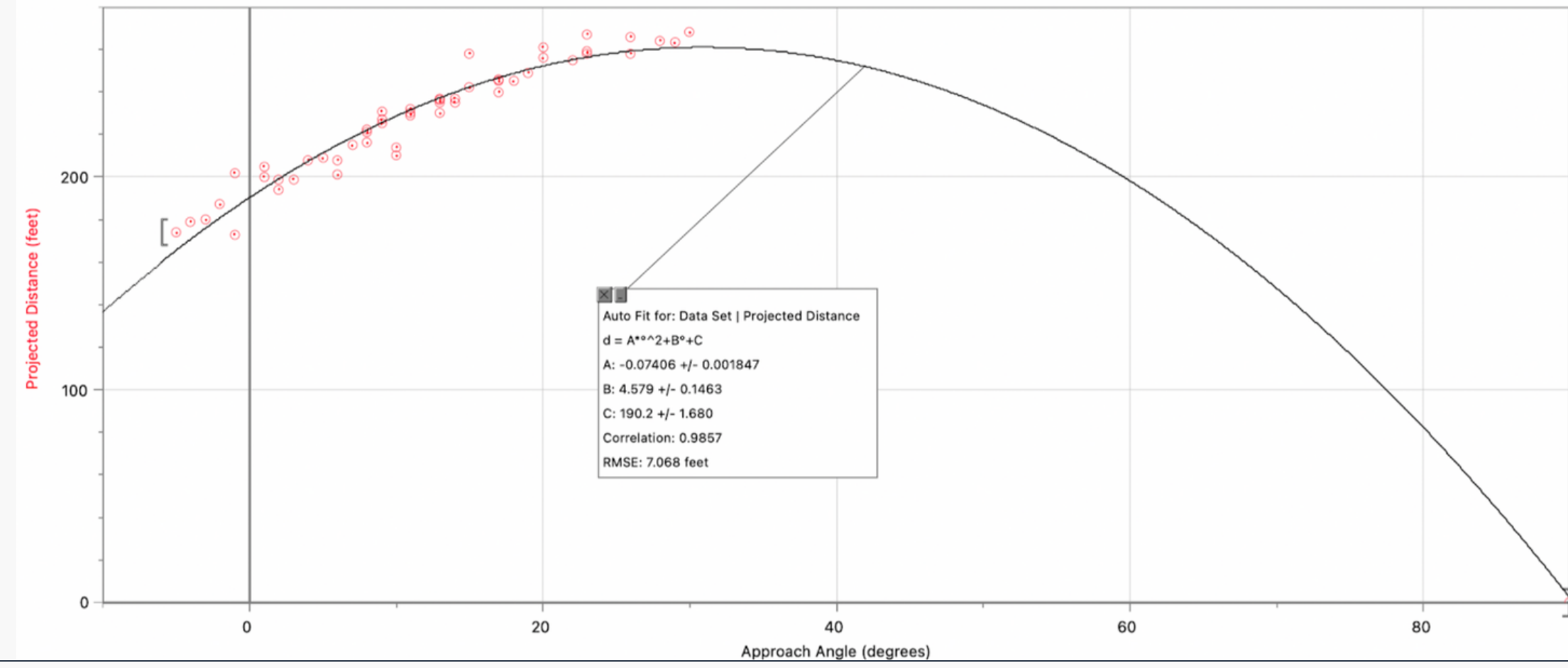
MIDDLE

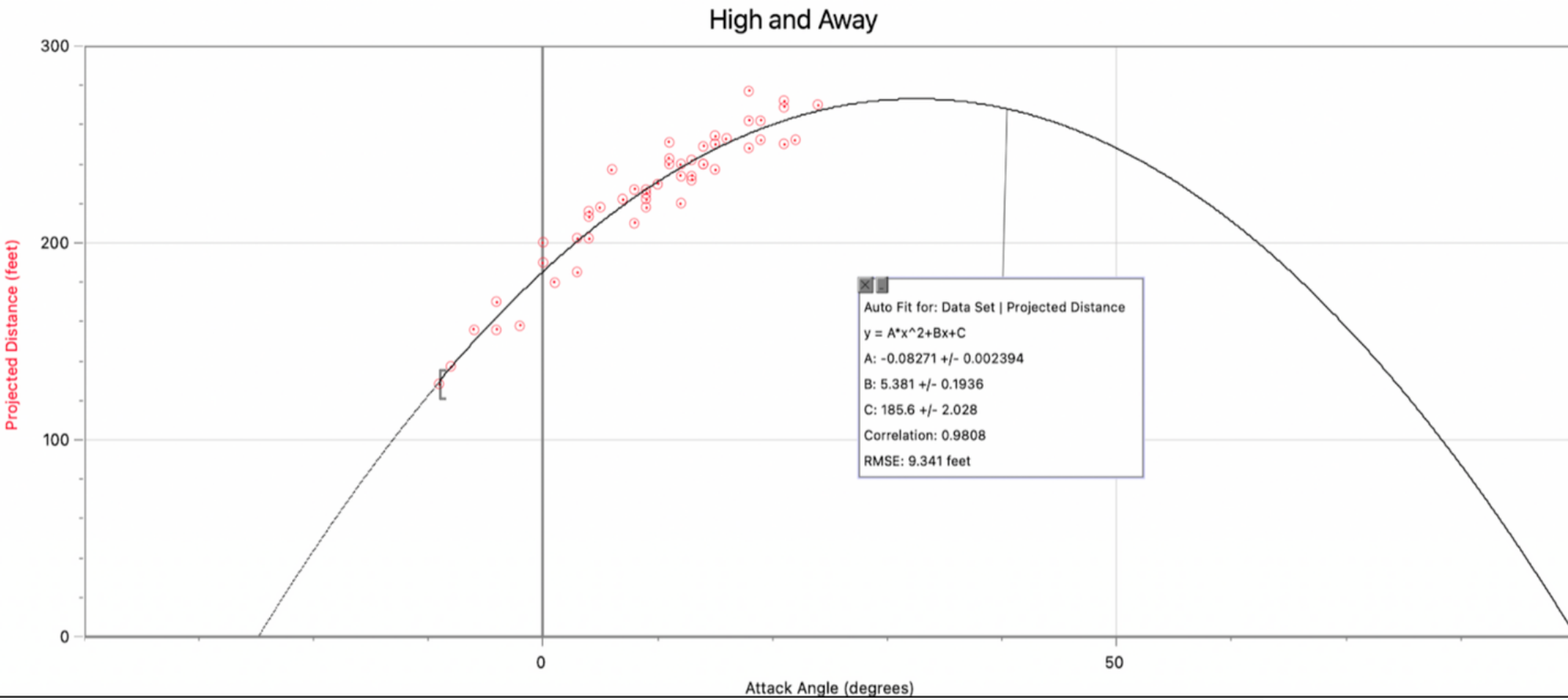
MAX PROJECTED DISTANCE OF 258 FEET WITH AN ATTACK ANGLE OF 30.10°

MIDDLE & INSIDE

MAX PROJECTED DISTANCE OF 261 FEET WITH AN ATTACK ANGLE OF 30.91°

Middle and Inside



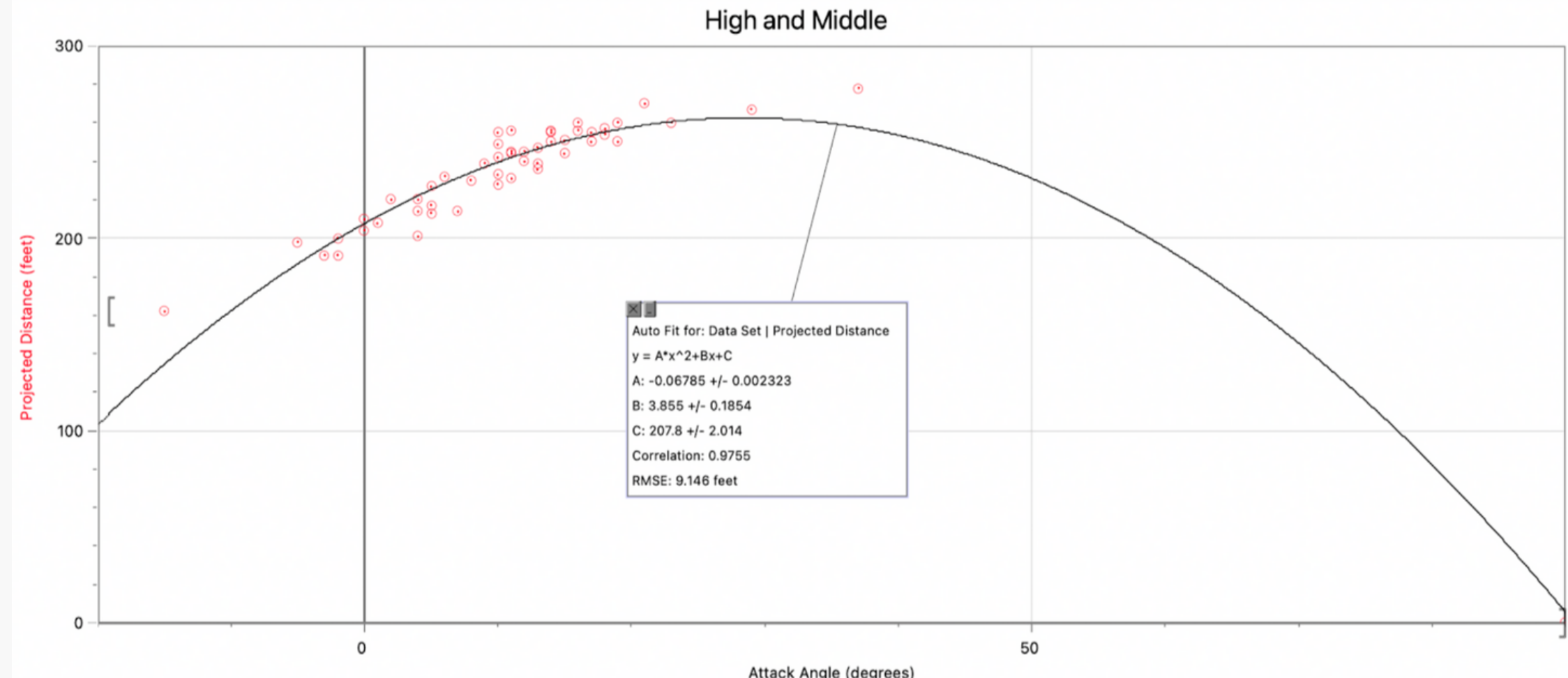


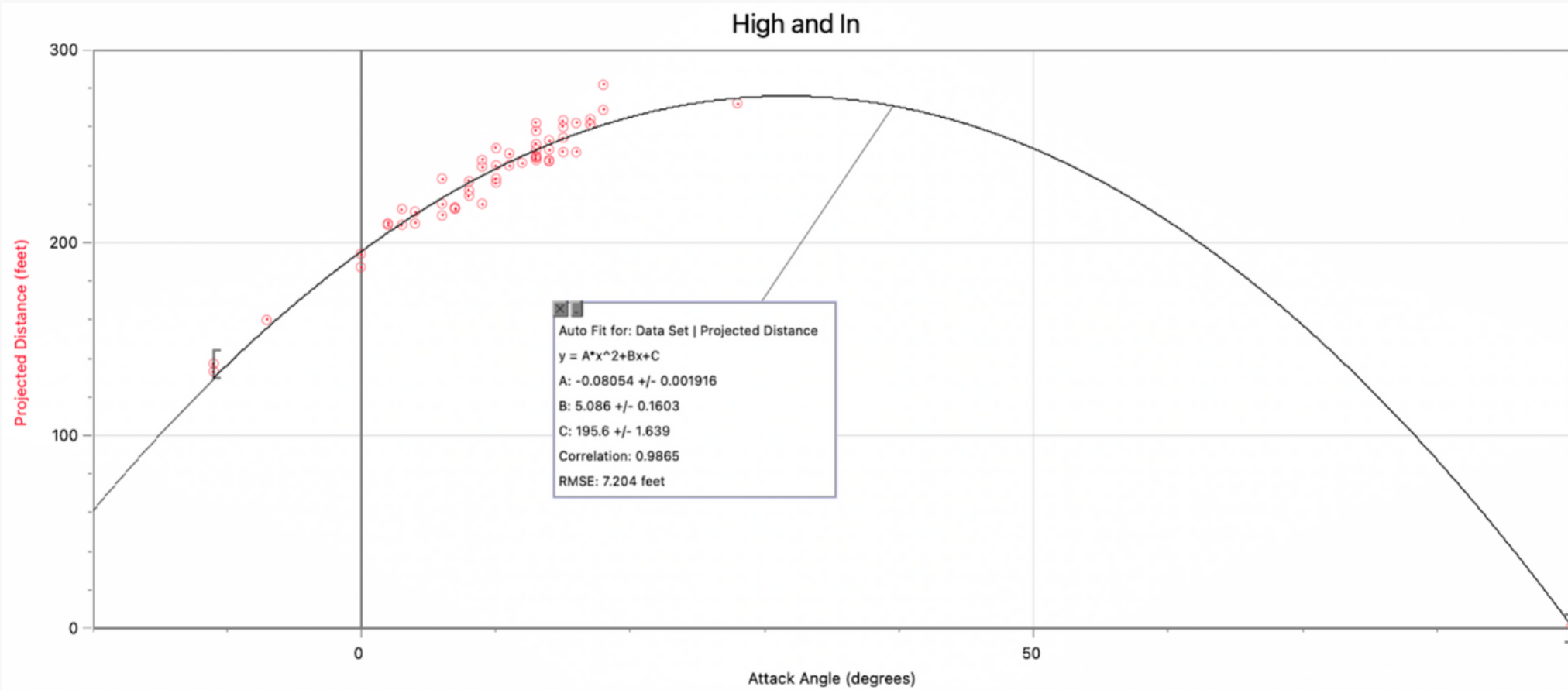
HIGH & AWAY

MAX PROJECTED DISTANCE OF 273 FEET WITH AN ATTACK ANGLE OF 32.53°

HIGH & MIDDLE

MAX PROJECTED DISTANCE OF 263 FEET WITH AN ATTACK ANGLE OF 28.41°



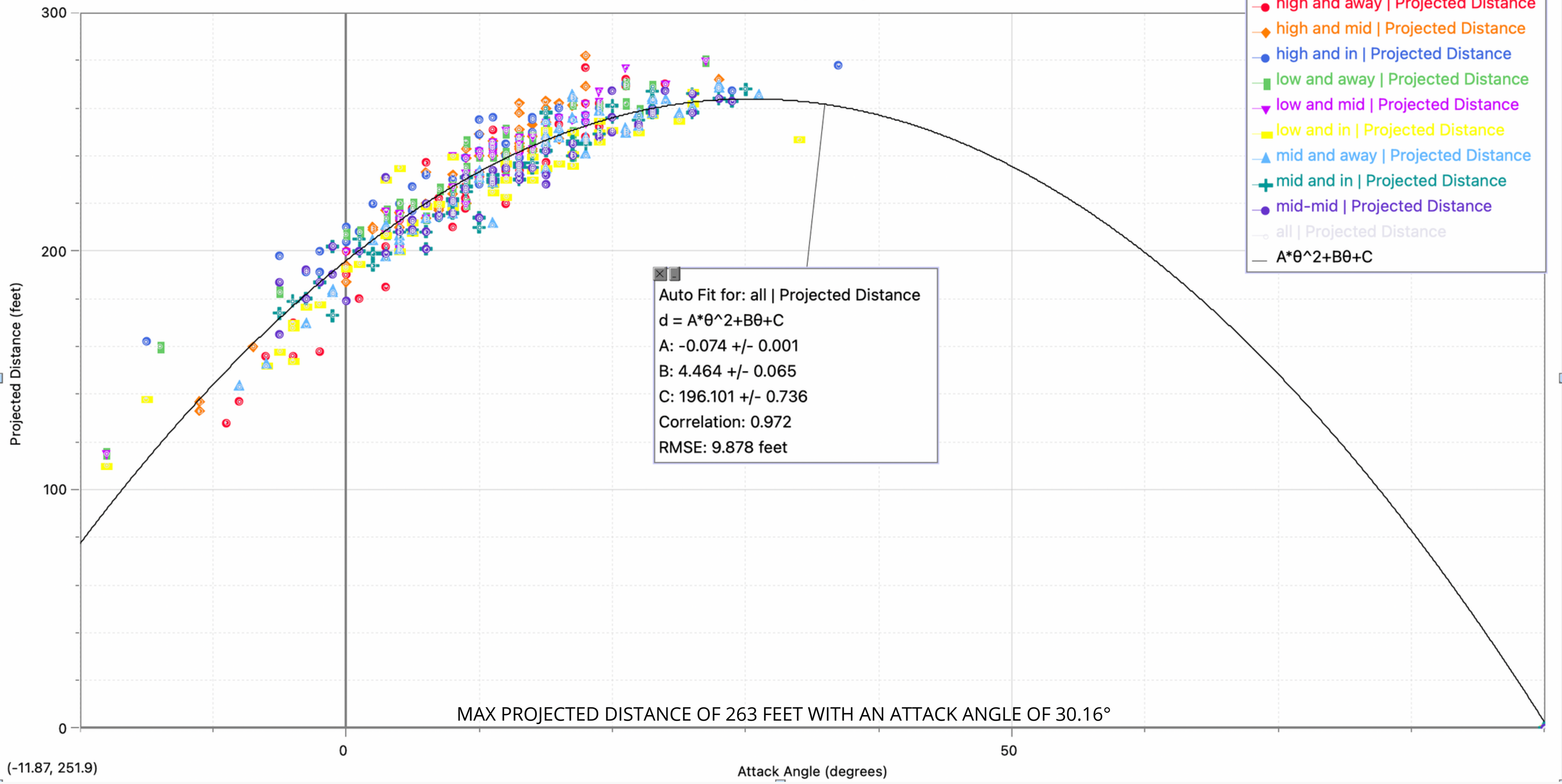


HIGH & INSIDE

MAX PROJECTED DISTANCE OF 276 FEET WITH AN ATTACK
ANGLE OF 31.57°



Entire Strike Zone



CONCLUSIONS

