



Brookhaven
National Laboratory

BNL-103981-2014-TECH
AGS.SN103;BNL-103981-2014-IR

Beam steering

H. N. Brown

October 1977

Collider Accelerator Department
Brookhaven National Laboratory

U.S. Department of Energy

USDOE Office of Science (SC)

Notice: This technical note has been authored by employees of Brookhaven Science Associates, LLC under Contract No.EY-76-C-02-0016 with the U.S. Department of Energy. The publisher by accepting the technical note for publication acknowledges that the United States Government retains a non-exclusive, paid-up, irrevocable, world-wide license to publish or reproduce the published form of this technical note, or allow others to do so, for United States Government purposes.

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, nor any of their contractors, subcontractors, or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the results of such use of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

Date 10/17/77 Time 1230-1300 Experimenters H. Brown, J.W. Glenn

Subject _____

OBSERVATIONS AND CONCLUSION

Found varying AQ4-5 steers beam vertically at A target when AQ6-8 are reduced. Increasing CPO33 ~ 500 counts removes this steering, this also moves the beam down $\sim 1/4''$ @ CF103.

Recommendation: Roll AD1 to move beam down $\sim 1/4''$ @ AQ4-5. Looking downstream, this would correspond to a CCW rotation of $\sim 1.1^\circ$.