

# Moon Background from C37 (Update)

## Conditions for calculation:

1.  $E_{\text{beam}} = 48.3 \text{ GeV}$

2. Diamond: 1.5% nl.

3.  $N_{e^-} = 5 \times 10^{10} / \text{pulse}$

### 4. Magnets:

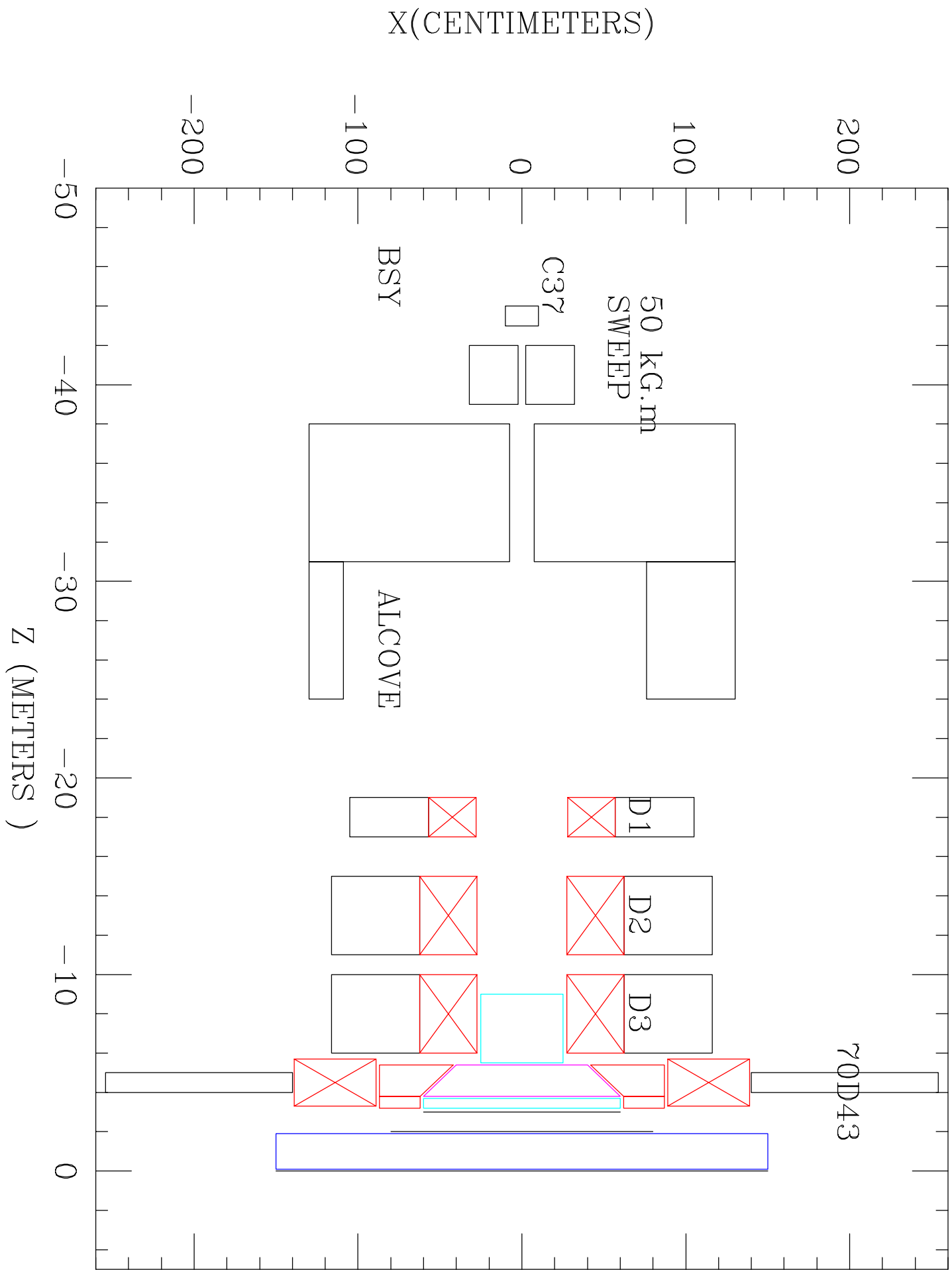
$$D1 = 0$$

$$D2 = +10 \text{ KG (sweeping)}$$

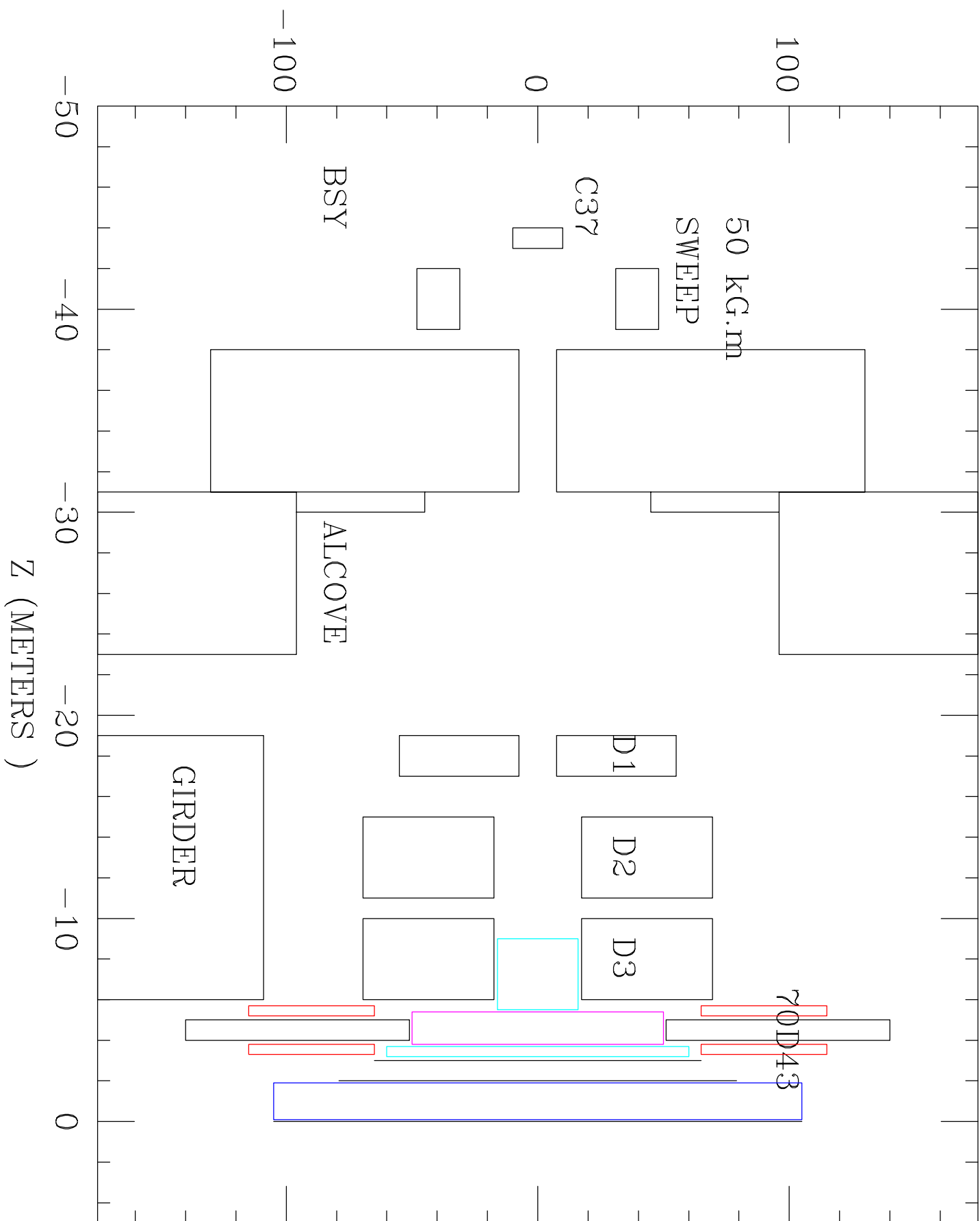
$$D3 = +22.5 \text{ KG (spect.)}$$

$$\text{LASS} = +20 \text{ KG (spect.)}$$

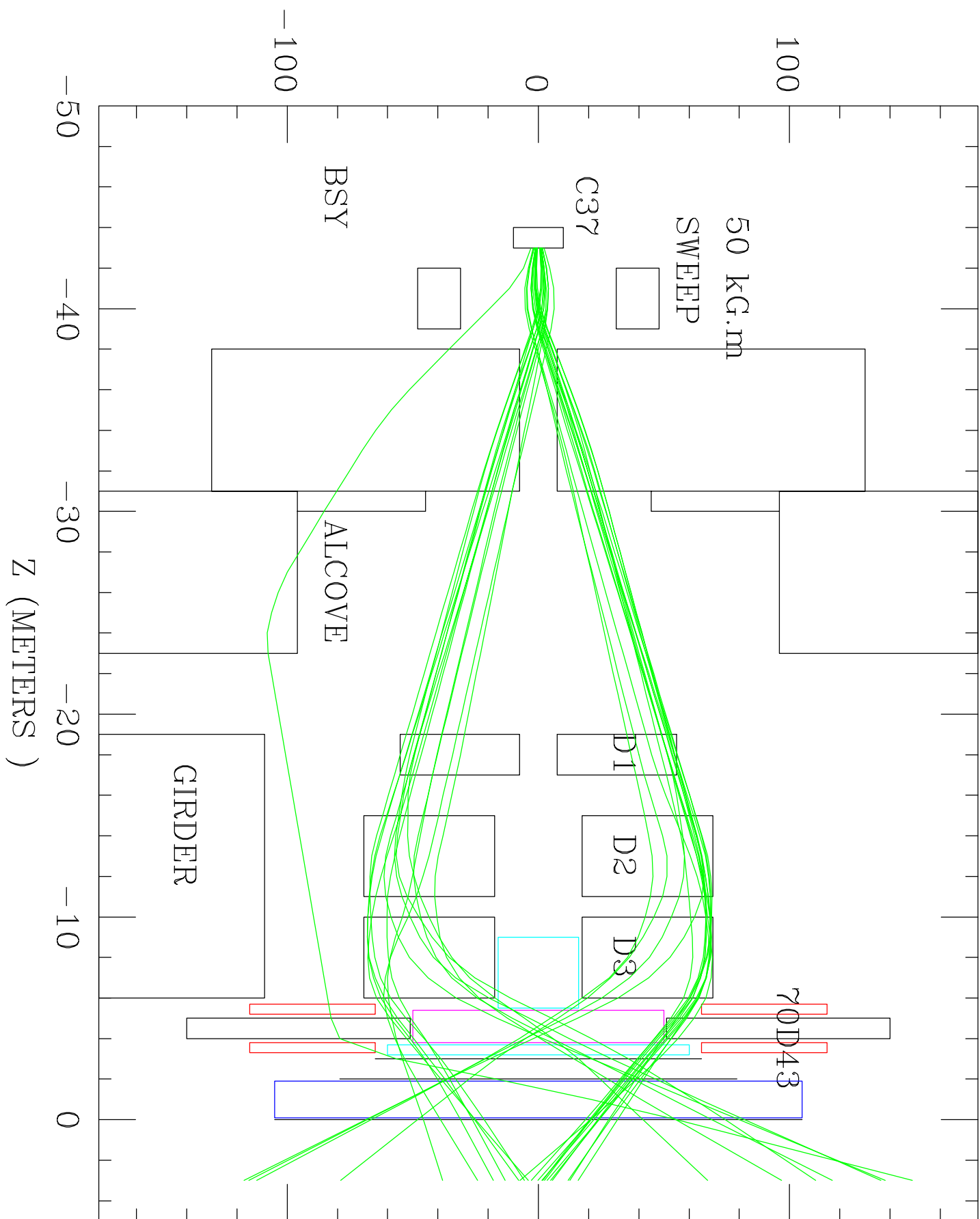
5. Vary strength of vertical sweep behind C37 and record hits in Det. (1), Det. (2), Det. (3) and (1).(2).(3)  $\equiv$  track

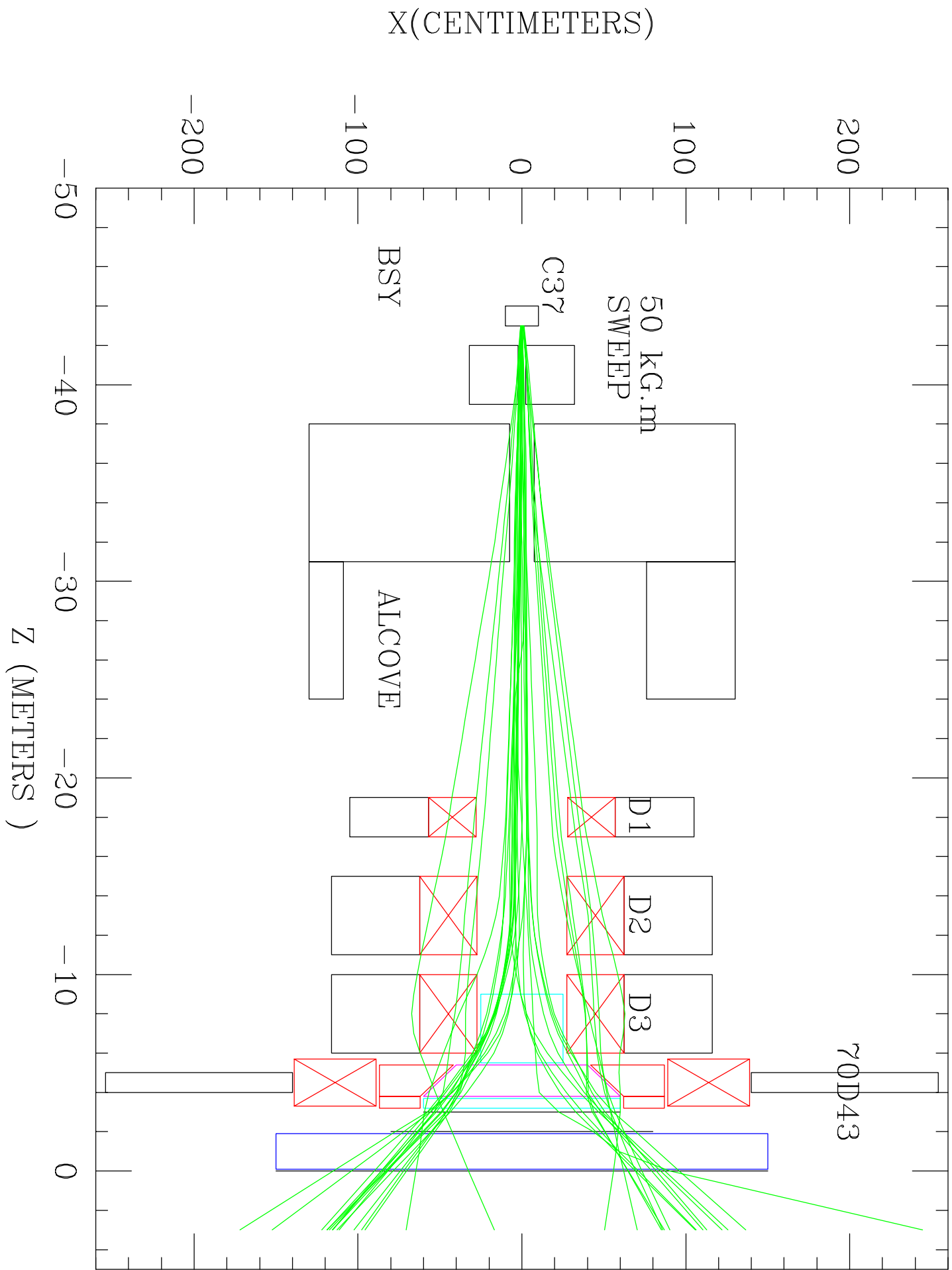


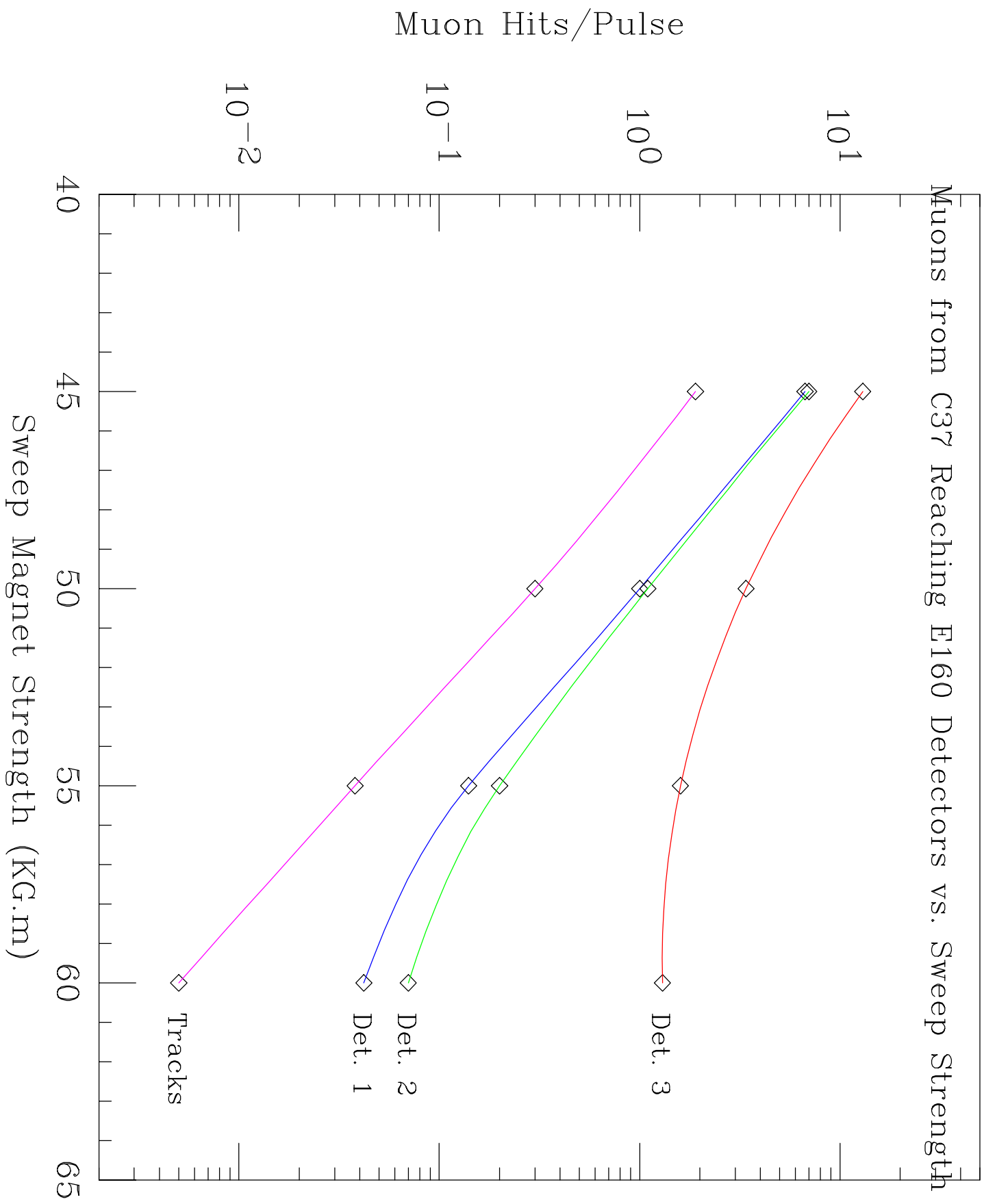
Y(CENTIMETERS)



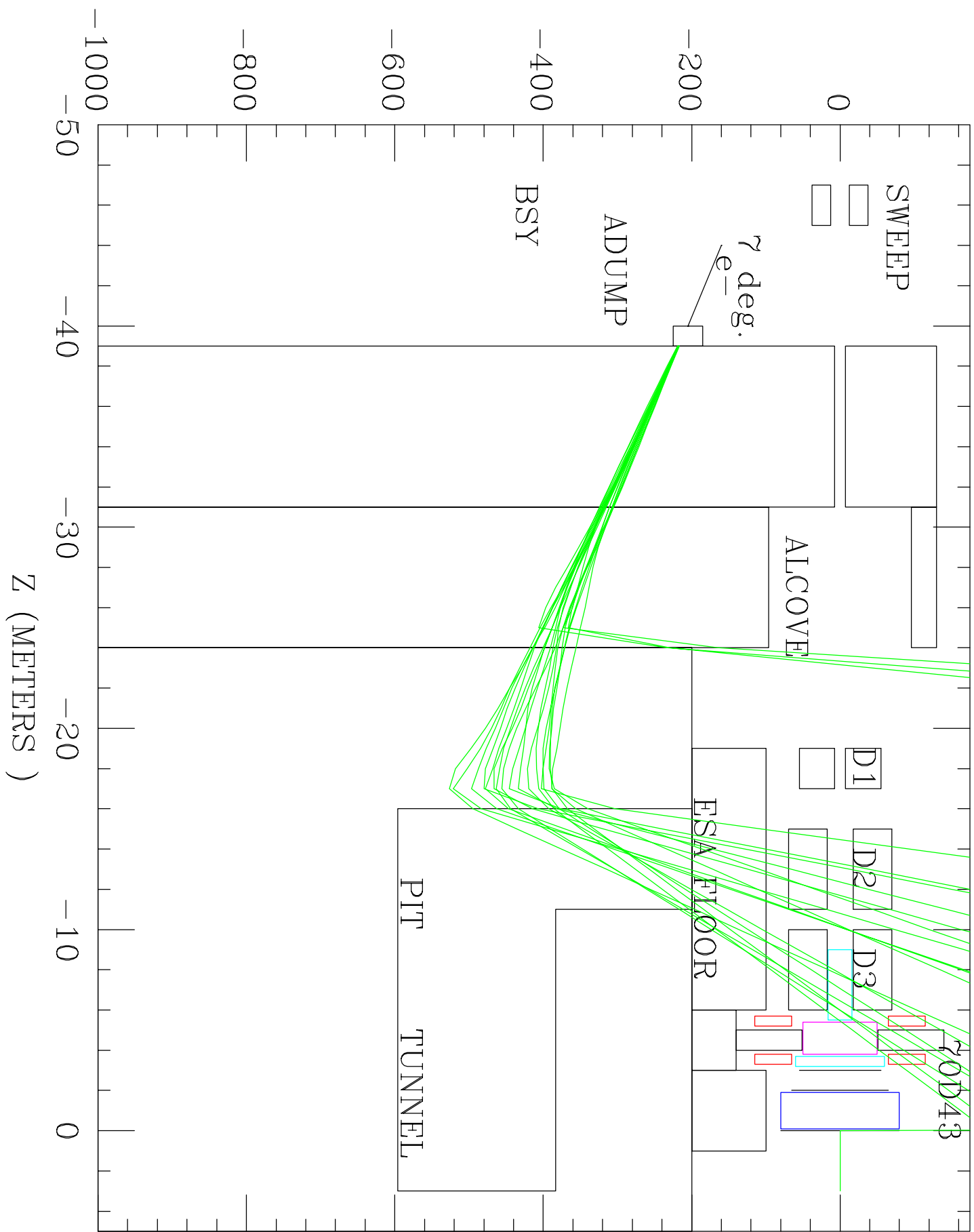
Y(CENTIMETERS)



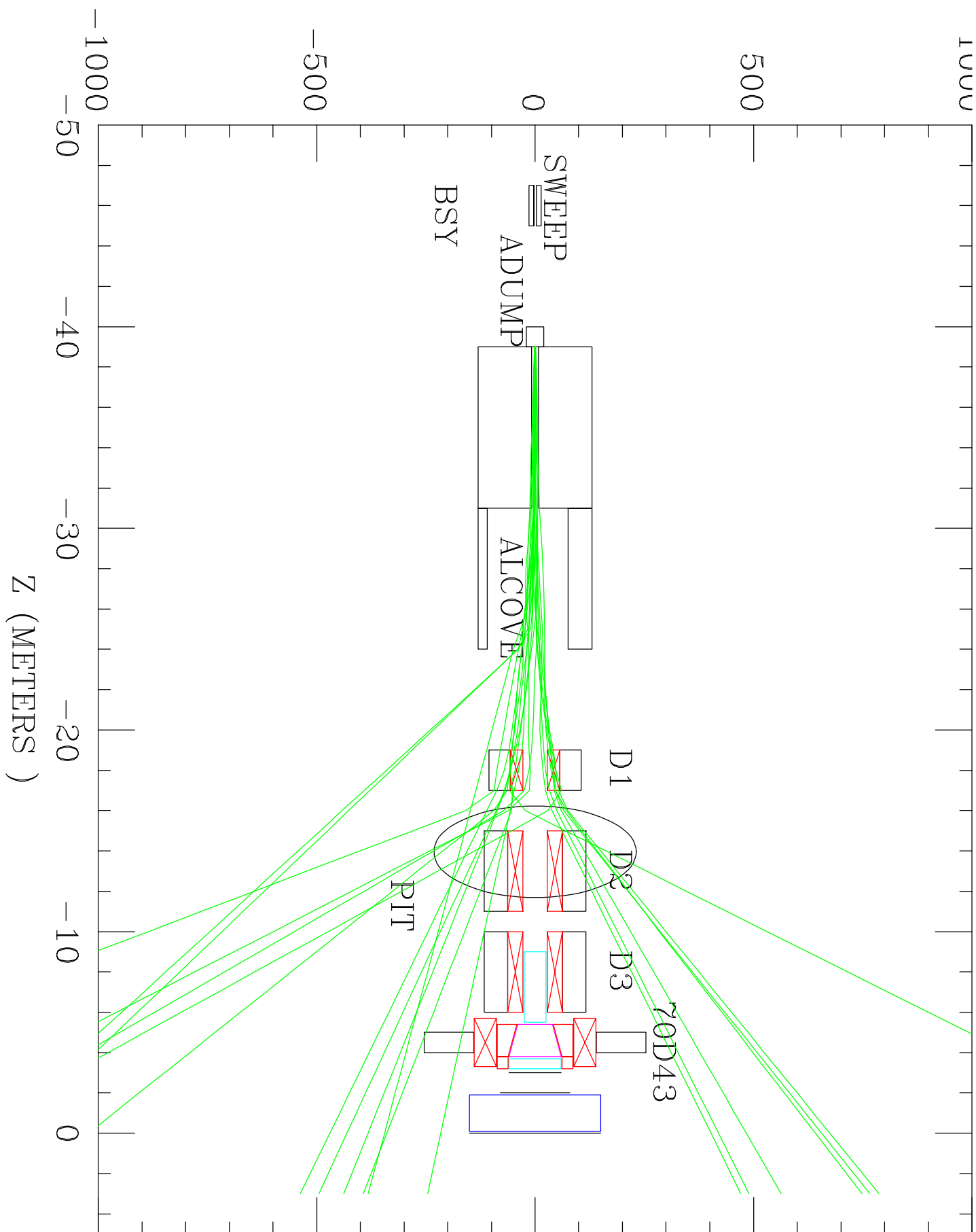




Y(CENTIMETERS)



X(CENTIMETERS)





# Muons Above ESA Floor/Pulse

