



Test Beam 2024

Electron beam analysis

Andrea Pareti - 26/11/2024



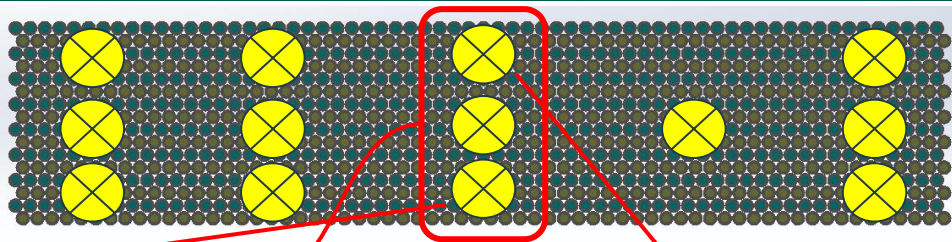
Energy dependence on YDWC2

Module seen from the back

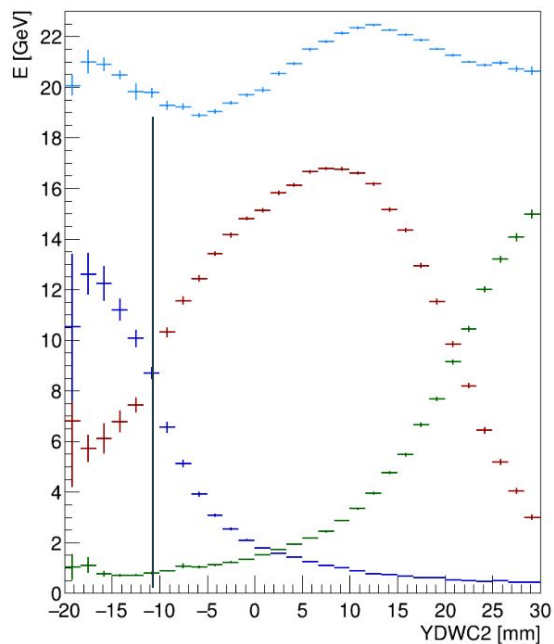
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

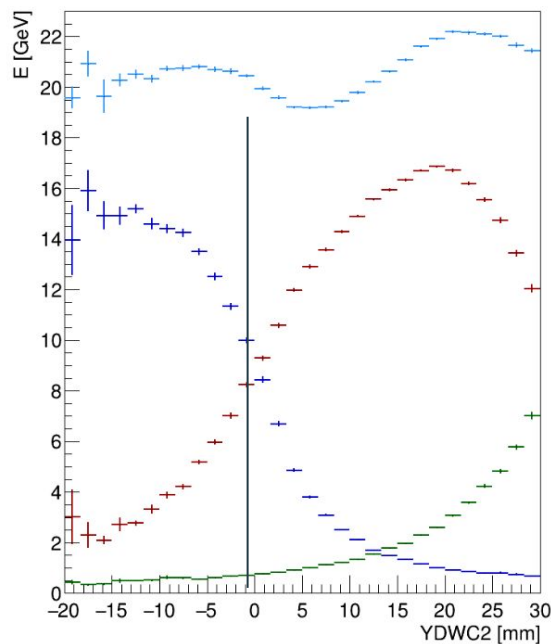
Shift on X axis between two points: 25.6 mm



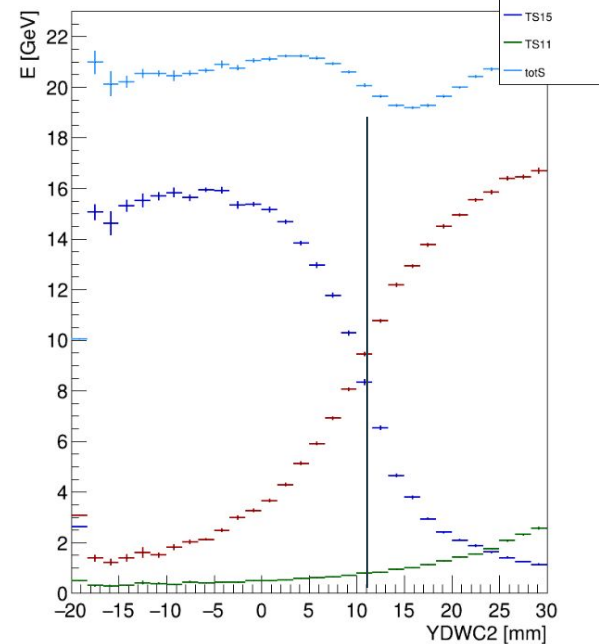
Beam in Lower Tower T00 (Run 1011)



Beam in Center Tower T00 (Run 1018)



Beam in Upper Tower T00 (Run 1010)

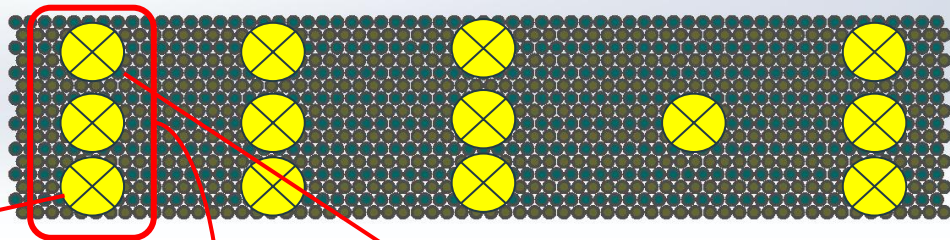


Energy dependence on YDWC2

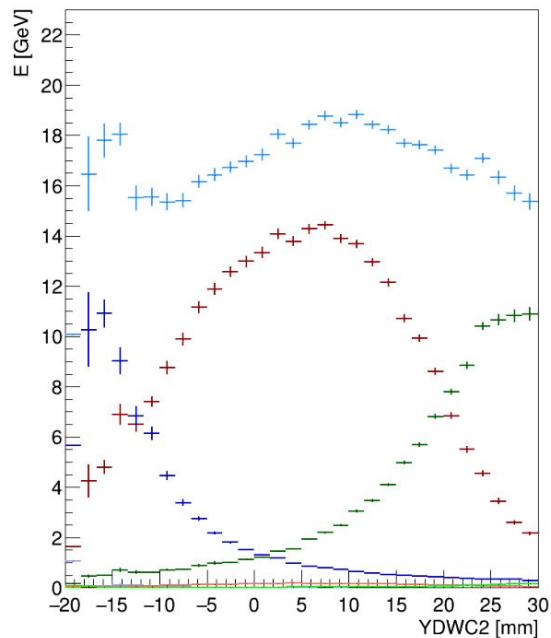
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

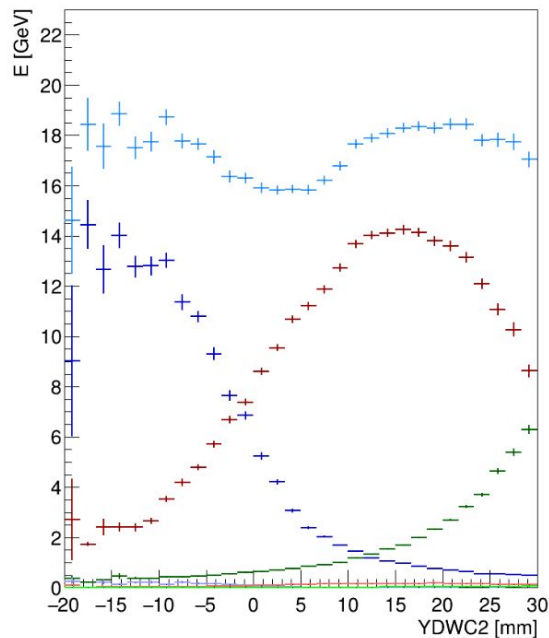
Shift on X axis between two points: 25.6 mm



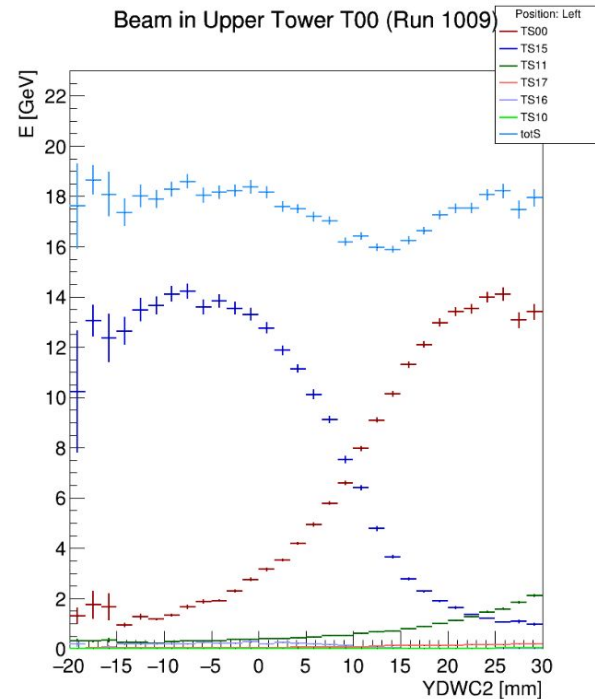
Beam in Lower Tower T00 (Run 1008)



Beam in Center Tower T00 (Run 1007)



Beam in Upper Tower T00 (Run 1009)

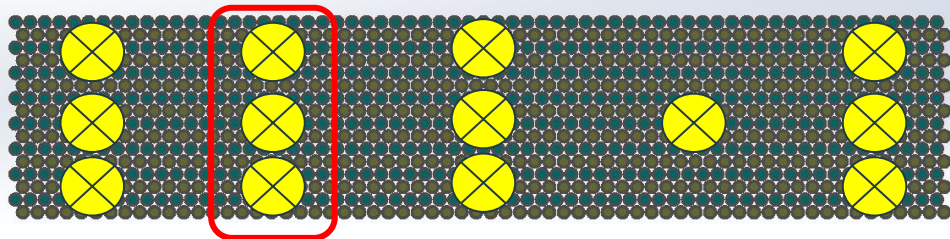


Energy dependence on YDWC2

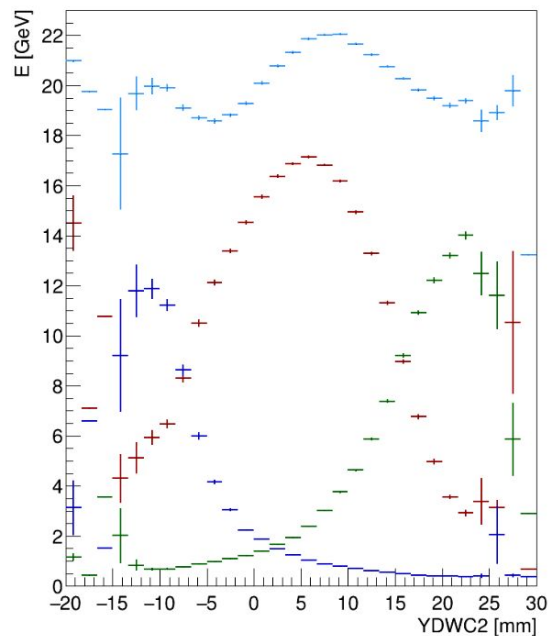
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

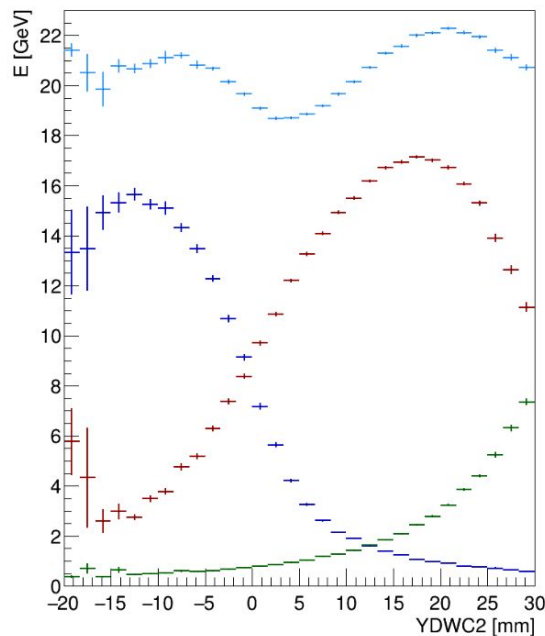
Shift on X axis between two points: 25.6 mm



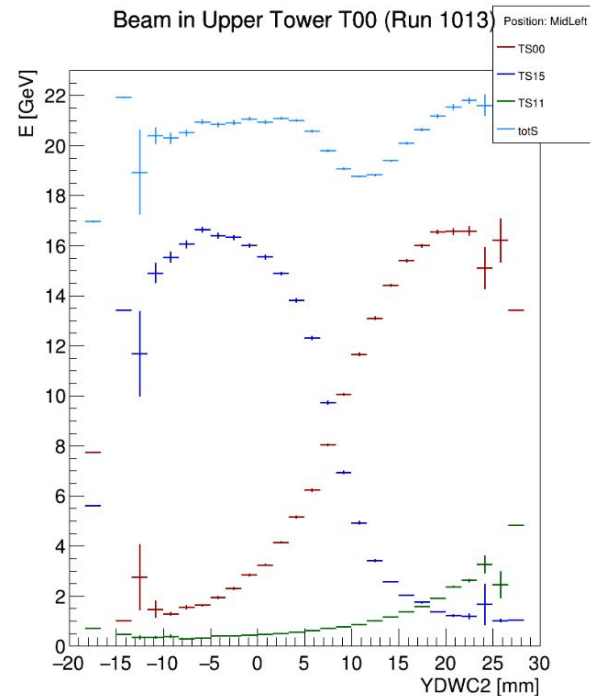
Beam in Lower Tower T00 (Run 1014)



Beam in Center Tower T00 (Run 1006)



Beam in Upper Tower T00 (Run 1013)

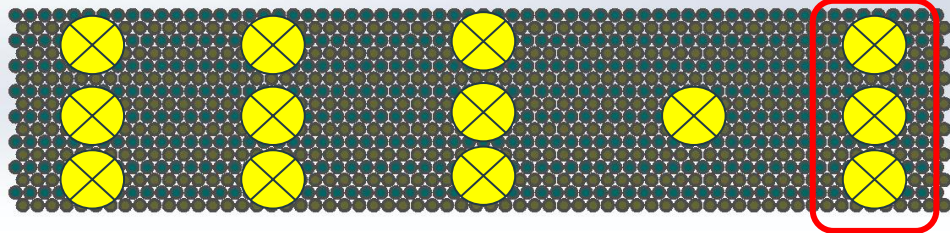


Energy dependence on YDWC2

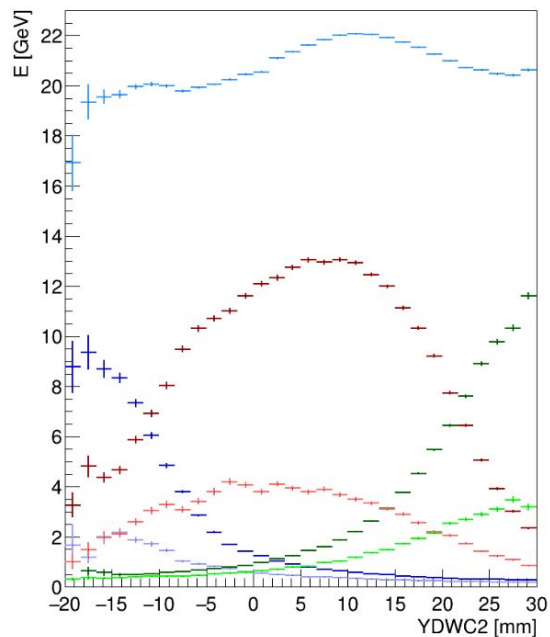
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

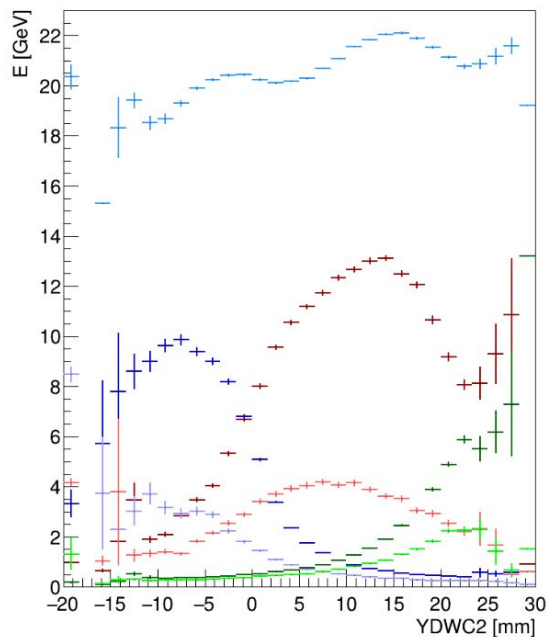
Shift on X axis between two points: 25.6 mm



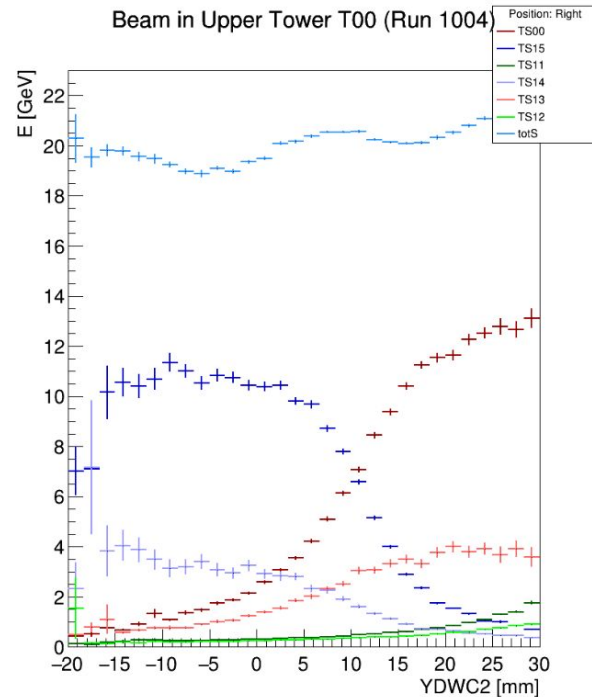
Beam in Lower Tower T00 (Run 1003)



Beam in Center Tower T00 (Run 1002)



Beam in Upper Tower T00 (Run 1004)



Energy dependence on XDWC2

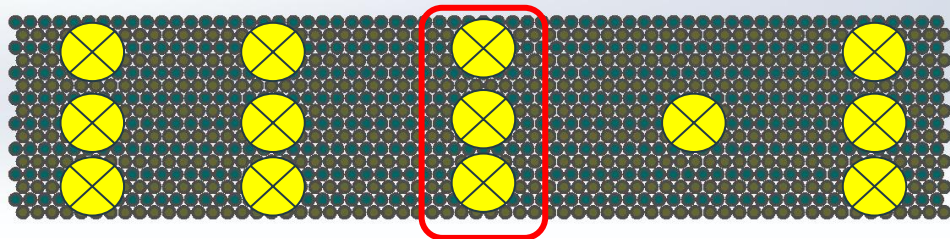
Module seen from the back

XDWC2 -> - XDWC2

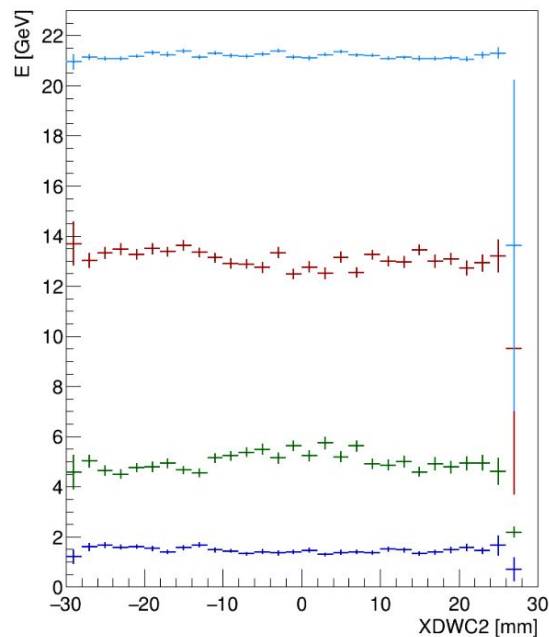
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

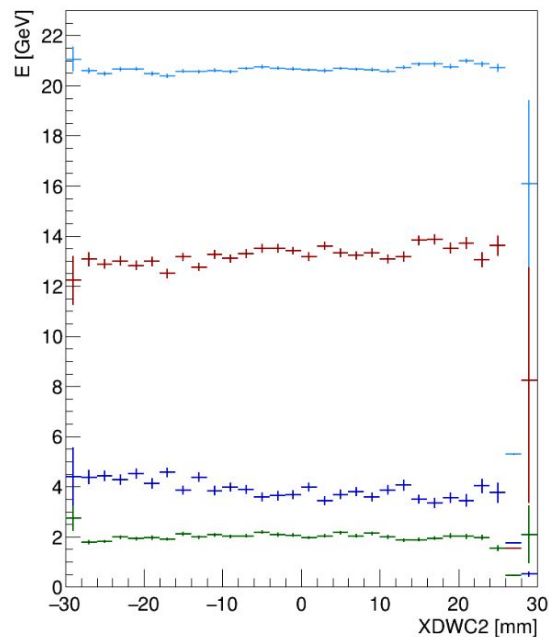
Shift on X axis between two points: 25.6 mm



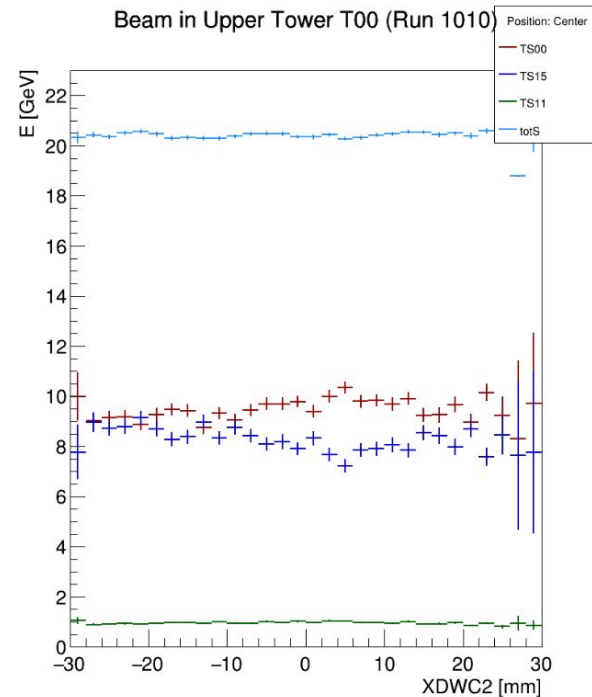
Beam in Lower Tower T00 (Run 1011)



Beam in Center Tower T00 (Run 1018)



Beam in Upper Tower T00 (Run 1010)



Energy dependence on XDWC2

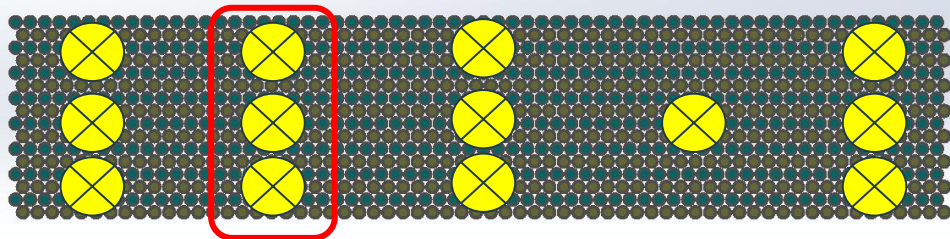
Module seen from the back

XDWC2 -> - XDWC2

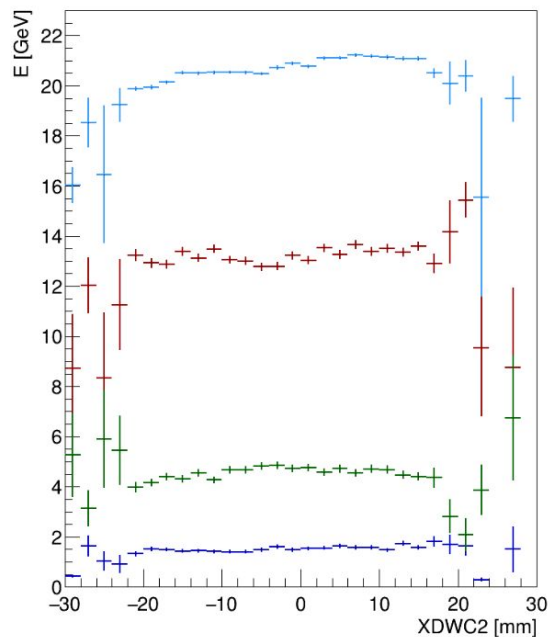
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

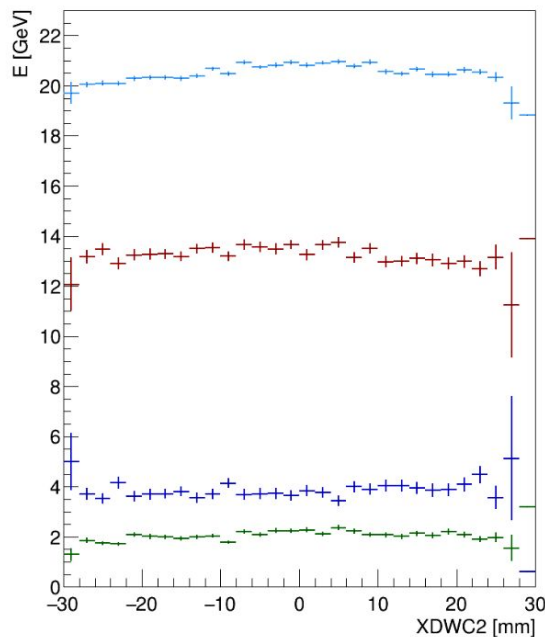
Shift on X axis between two points: 25.6 mm



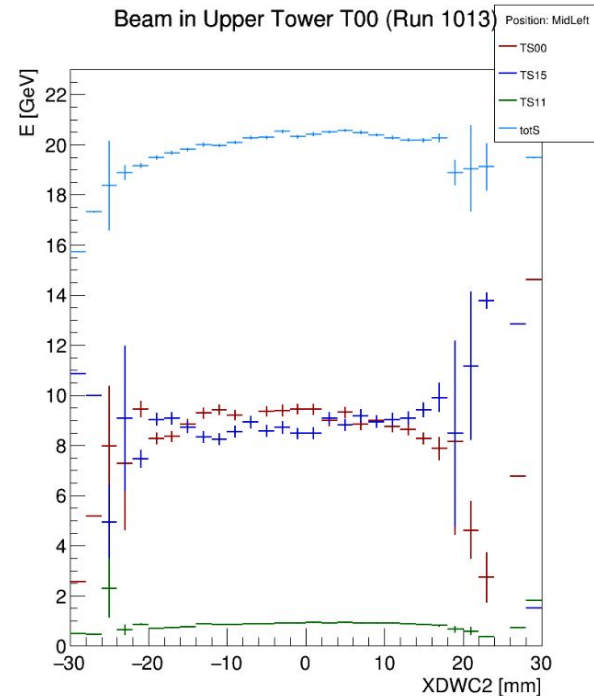
Beam in Lower Tower T00 (Run 1014)



Beam in Center Tower T00 (Run 1006)



Beam in Upper Tower T00 (Run 1013)



Energy dependence on XDWC2

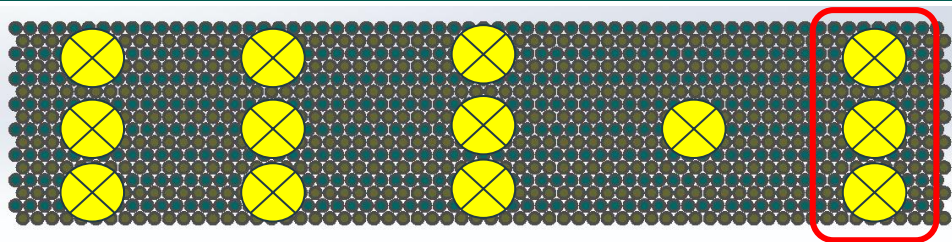
Module seen from the back

XDWC2 -> - XDWC2

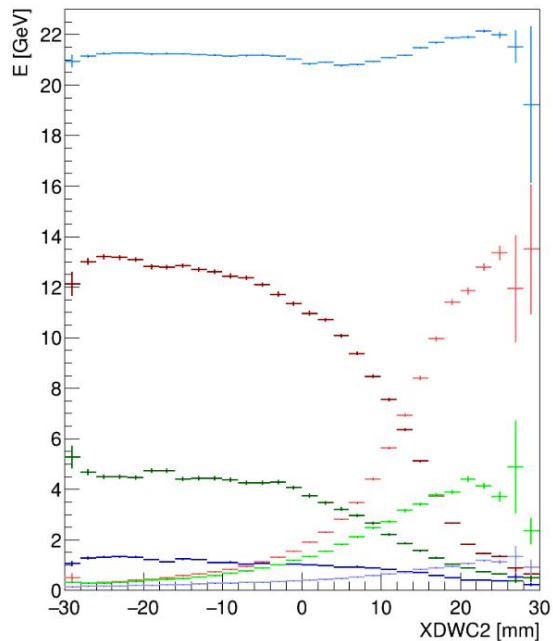
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

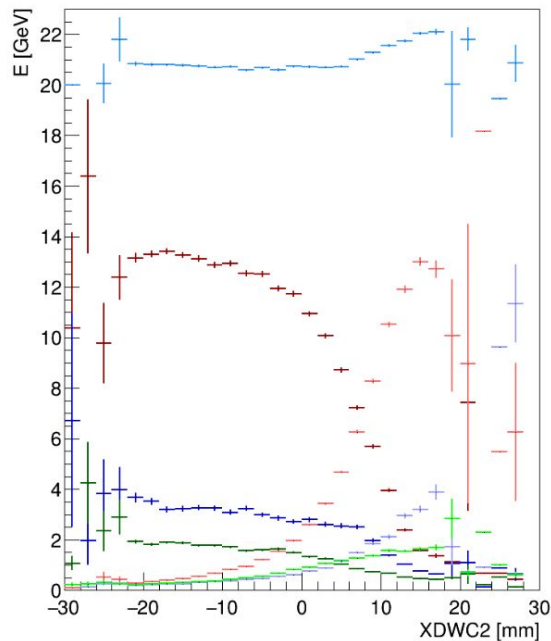
Shift on X axis between two points: 25.6 mm



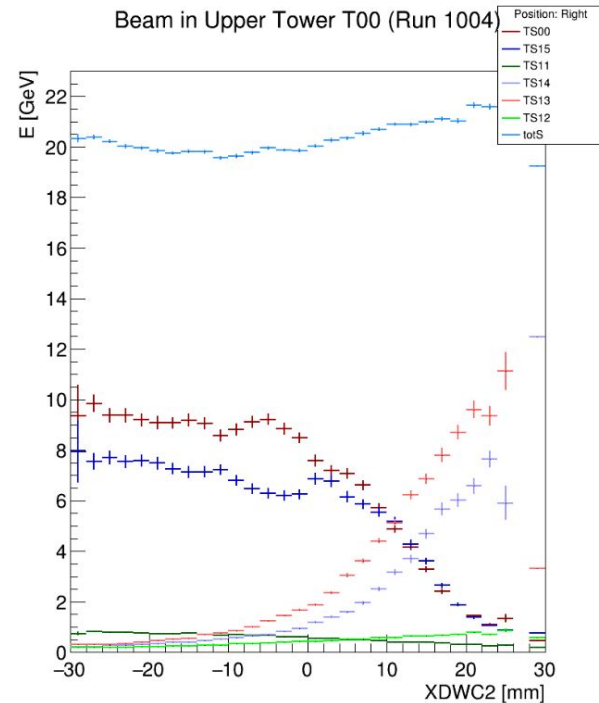
Beam in Lower Tower T00 (Run 1003)



Beam in Center Tower T00 (Run 1002)



Beam in Upper Tower T00 (Run 1004)



Energy dependence on XDWC2

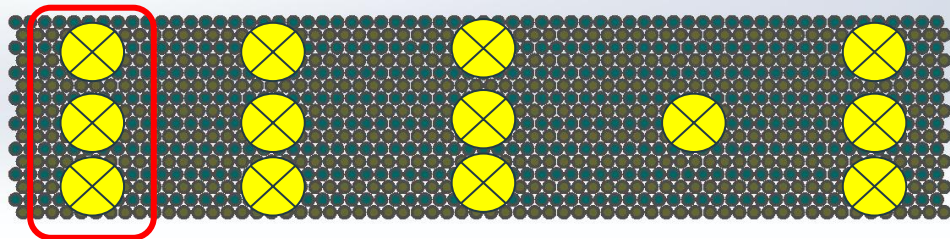
Module seen from the back

XDWC2 -> - XDWC2

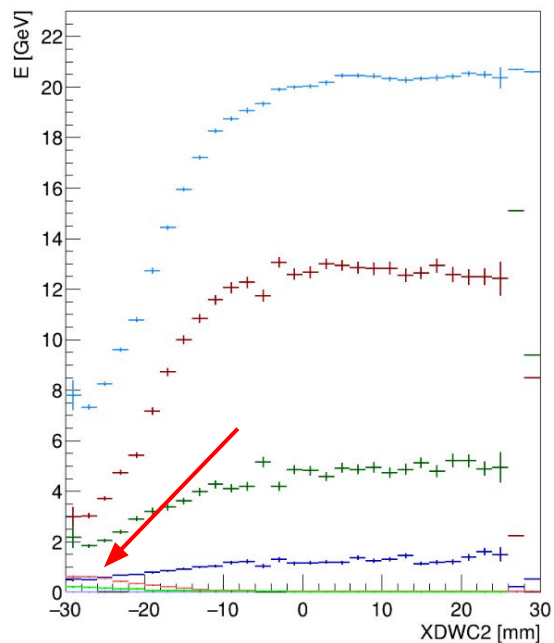
Light blue: total calorimeter energy

Shift on Y axis between two points: 9 mm

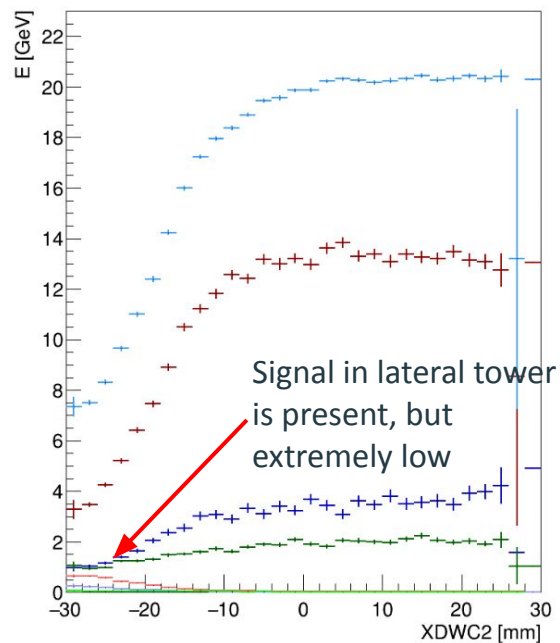
Shift on X axis between two points: 25.6 mm



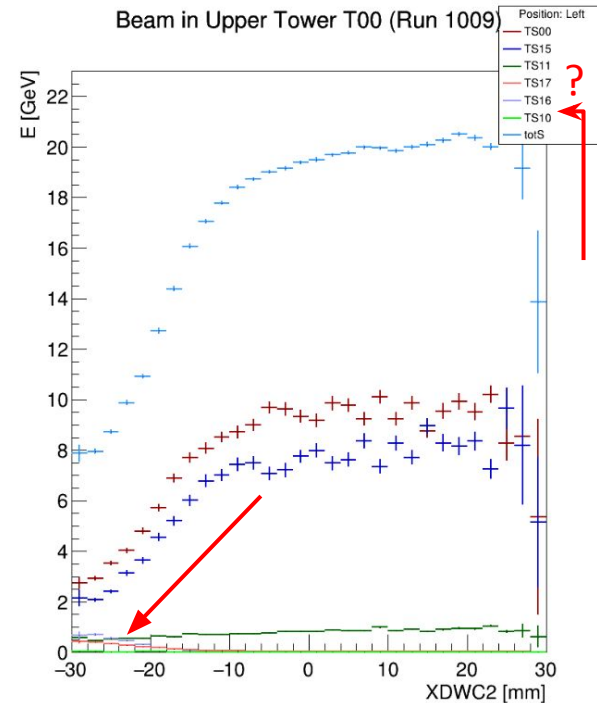
Beam in Lower Tower T00 (Run 1008)



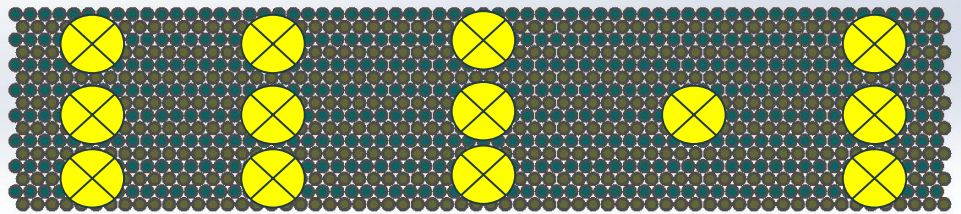
Beam in Center Tower T00 (Run 1007)



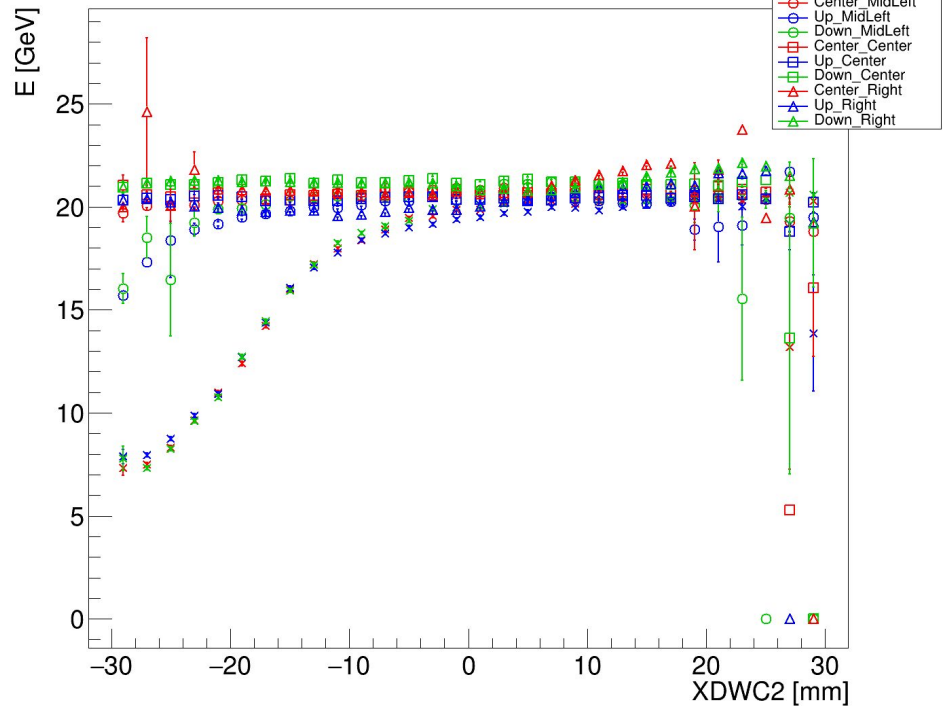
Beam in Upper Tower T00 (Run 1009)



Energy dependence on XDWC2



T00 Scan on XDWC2 (totPMTSene)



T00 Scan on YDWC2 (totPMTSene)

