

Station 1 (B7L1U) U plane

0 1 0 0 0 0 0 0 3 0  
 Multiplicity U: 4 Multiplicity V: 3  
 Total Multiplicity: 7  
 0 0 0 0 0 0 0 0 1 2

Station 1 (B7L1U) V plane

Station 3 (A7L1U) U plane

0 0 0 0 0 0 0 0 0 0  
 Multiplicity U: 0 Multiplicity V: 0  
 Total Multiplicity: 0  
 0 0 0 0 0 0 0 0 0 0

Station 3 (A7L1U) V plane

Station 5 (A7R1U) U plane

1 0 1 1 2 1 1 1 1 0  
 Multiplicity U: 9 Multiplicity V: 10  
 Total Multiplicity: 19  
 1 0 2 1 2 1 1 0 1 1

Station 5 (A7R1U) V plane

Station 7 (B7R1U) U plane

1 1 1 1 1 1 1 1 1 1  
 Multiplicity U: 10 Multiplicity V: 10  
 Total Multiplicity: 20  
 1 1 1 1 1 2 1 1 1 0

Station 7 (B7R1U) V plane

Station 2 (B7L1L) U plane

31 24 23 38 31 35 41 35 33 39  
 Multiplicity U: 330 Multiplicity V: 307  
 Total Multiplicity: 637  
 28 32 26 28 30 28 24 52 39 20

Station 2 (B7L1L) V plane

Station 4 (A7L1L) U plane

1 1 2 1 1 1 1 7 3 0  
 Multiplicity U: 18 Multiplicity V: 16  
 Total Multiplicity: 34  
 1 2 1 2 1 1 1 4 2 1

Station 4 (A7L1L) V plane

Station 6 (A7R1L) U plane

0 0 0 0 0 0 0 0 0 0  
 Multiplicity U: 0 Multiplicity V: 0  
 Total Multiplicity: 0  
 0 0 0 0 0 0 0 0 0 0

Station 6 (A7R1L) V plane

Station 8 (B7R1L) U plane

0 0 0 0 0 0 0 0 0 0  
 Multiplicity U: 0 Multiplicity V: 0  
 Total Multiplicity: 0  
 0 0 0 0 0 0 0 0 0 0

Station 8 (B7R1L) V plane

**ATLAS Preliminary**  
**ALFA**

**$\sqrt{s} = 7 \text{ TeV}$ , 2011 data**  
 **$\beta^* = 90 \text{ m}$ , Run 191373**