Bremsstrahlung and Beamgas reconstruction

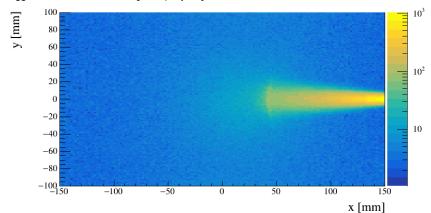
- Very provisional investigations into how separable the beamgas
- Taken from the background beamgas sample (now on S3)

Tagger 1 QR Hit Distribution [Hz/ 55μm pixel]

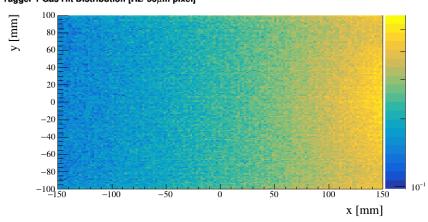
100
80
40
20
0
-20
-40
-60
-80
-100
-50
0
50
100
150

x [mm]

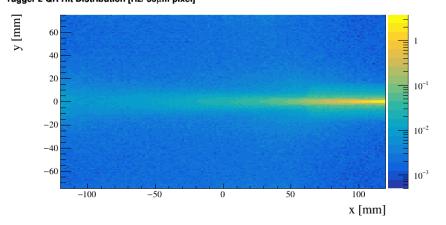
Tagger 1 Brem Hit Distribution [Hz/ 55µm pixel]



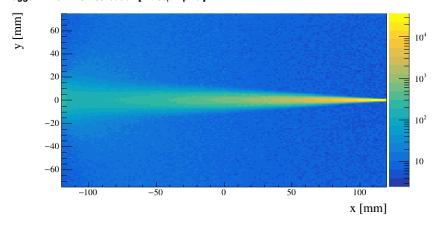
Tagger 1 Gas Hit Distribution [Hz/ 55µm pixel]



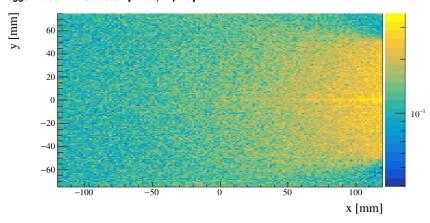
Tagger 2 QR Hit Distribution [Hz/ 55µm pixel]



Tagger 2 Brem Hit Distribution [Hz/ 55µm pixel]



Tagger 2 Gas Hit Distribution [Hz/ 55µm pixel]



Raw rates seen on first layer of both taggers

Raw counts for a sample of 10000 events (Beamgas limited by segfault to 1000 but scaled)

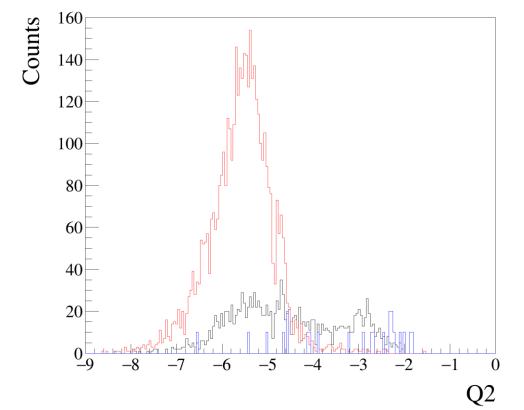
Red- Brems

Blue- Beamgas

Black- Quasi-Real

Cross section scaled distribution – Needs lots of investigations don't take too much other than the beamgas distribution

Q2 Distribution



Q2 Distribution

