Leakage fraction distribution when SS in layer 40 LeakFr Abs 40 **Entries** 425 Mean x 16.95 Mean y 0.0547 RMS x 25.09 RMS y 0.0335 16 14 12 10 8 6 4 2

120

100

140

energy absorbed in FH absorber (in GeV)

160

180

0

200

Leakage fraction

0.9

8.0

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0

20

40

60

80