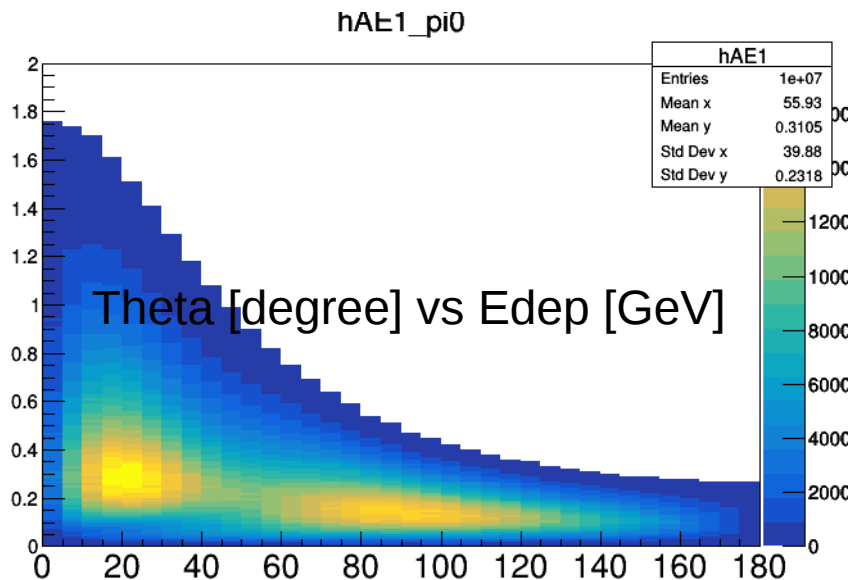


BCAL - 2022-08 - period 6

Runs	Files	Skims	I [nA]	Triggers [B]	Start time
110641	53	0	180.778	151.202262	2022-09-08-02-42
...					
110725	101	0	181.564	252.532612	2022-09-12-07-28
	Runs	Files	Skims	Triggers [B]	
TOTAL	47	5022	N/A	12.591673944	

4d5h = 70M π^0 in total or 17M π^0 per day in BCAL

KLF expected: 10M π^0 per day in BCAL

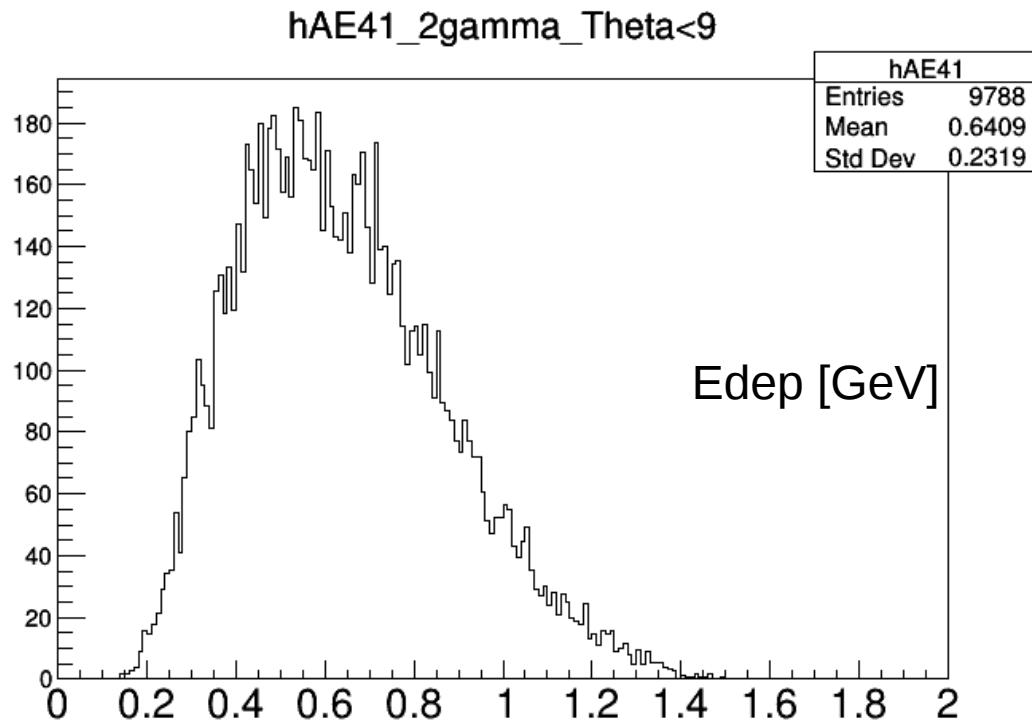
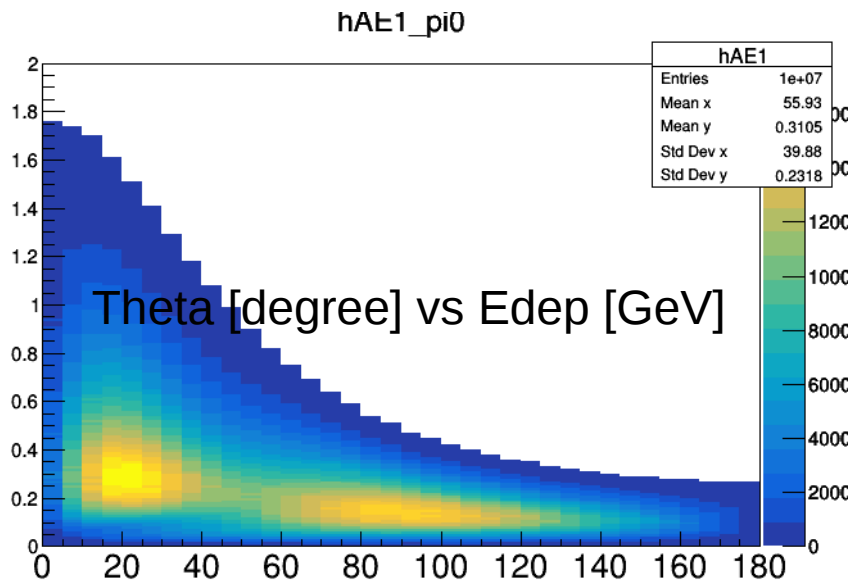


FCAL - 2022-08 - period 8

Runs	Files	Skims	I [nA]	Triggers [B]	Start time
110657	62	0	161.988	153.228057	2022-09-08-12-17
...					
110725	101	0	181.564	252.532612	2022-09-12-07-28
Runs	Files	Skims	Triggers [B]		
TOTAL	47	5022	N/A	12.591673944	

3d19h = ring 1 (12 blocks) – 300000 pi⁰ ring 20 (200 blocks) – 7500 pi⁰ per block
 => 60M pi⁰ in total or [PrimEx-eta 15M pi⁰ per day in FCAL](#)

KLF expected: 5k pi⁰ per day in FCAL



Reports

- https://halldweb.jlab.org/primexd/bcal-cal/2022-08/6/pi0gainmatrix_35.pdf
- https://halldweb.jlab.org/primexd/fcal-cal/2022-08/8/report_2022-08_8_14.pdf
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