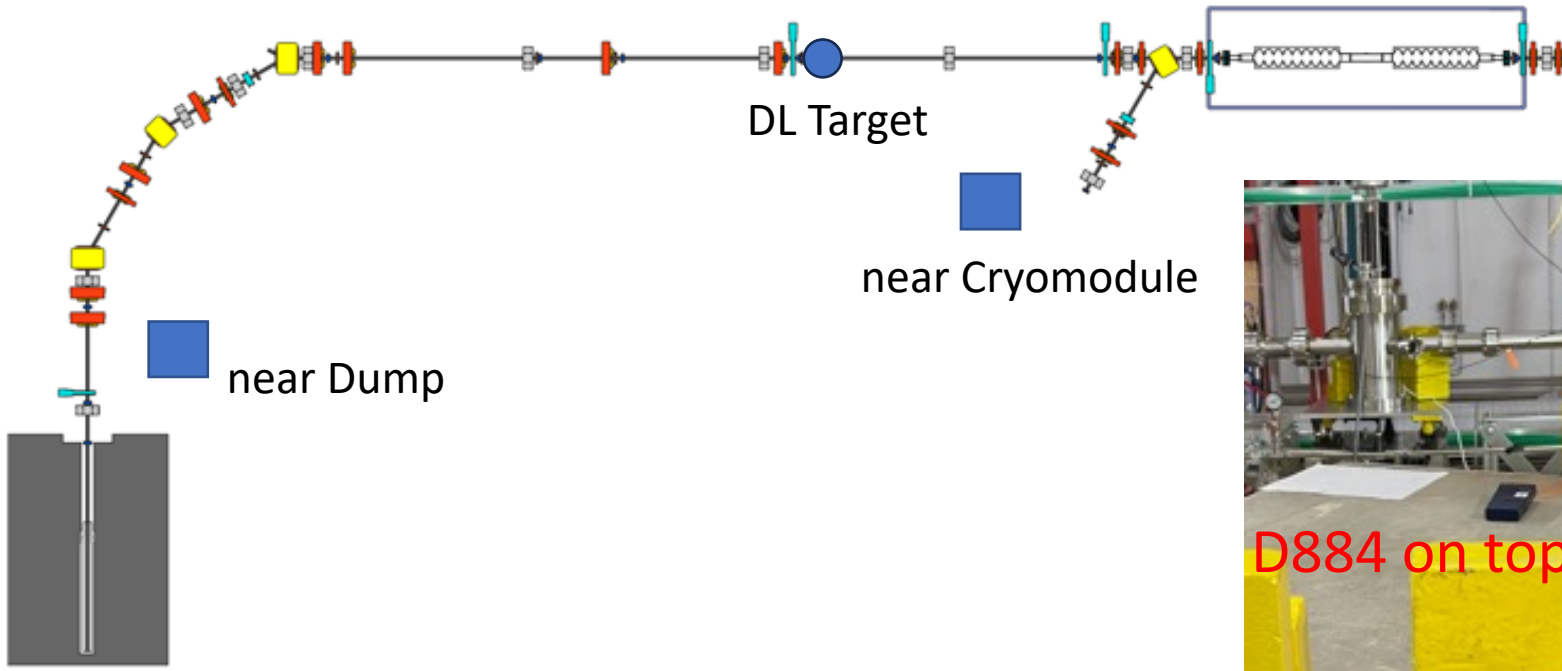


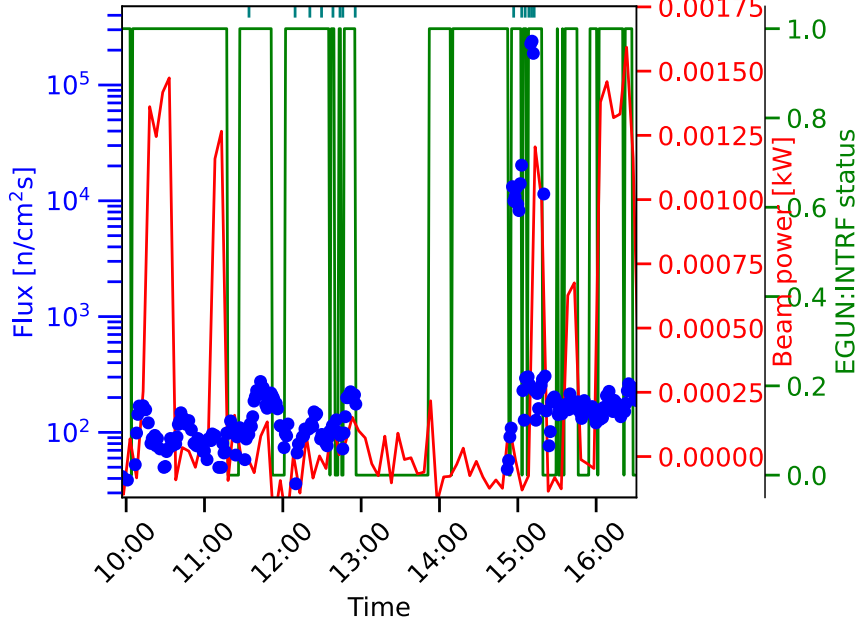
Compare Dump & Cryomodule locations



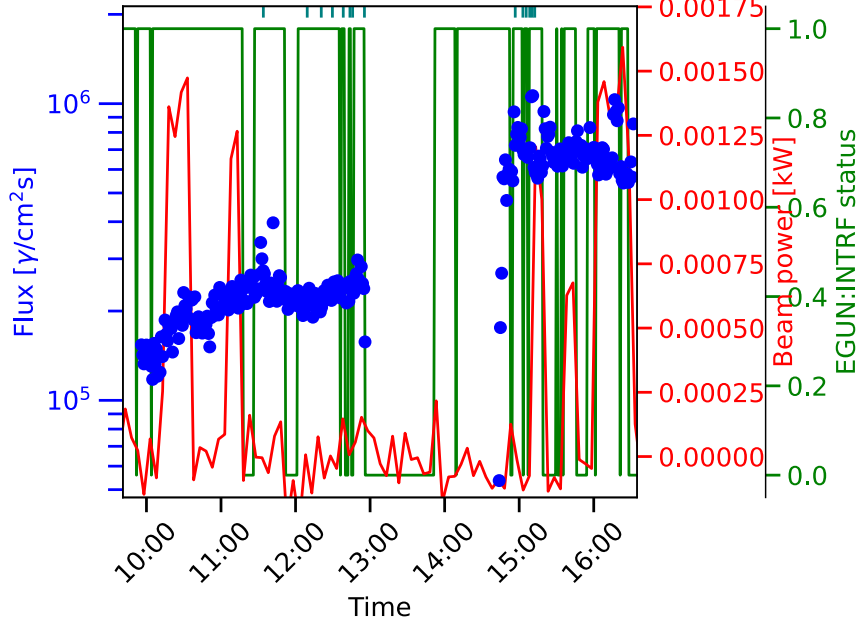
D884 on top of white block

D883 on floor—shielded by concrete blocks

Neutron flux, dosimeter 884, 2022-08-03



Gamma flux, dosimeter 884, 2022-08-03



Aug 3 Beam on Target

only 10% reaches the dump

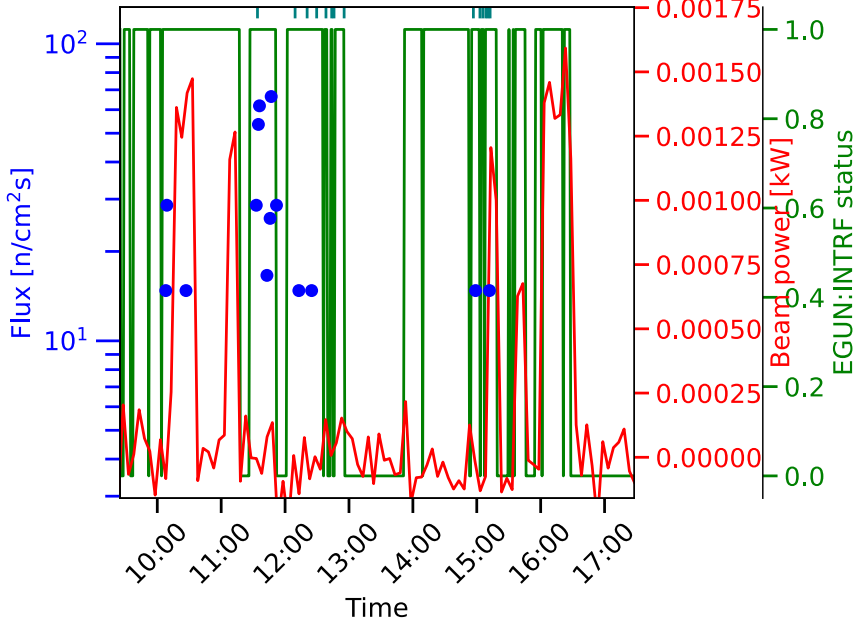
-- 10 um Tgt

(12:09, 12:48, 14:56)

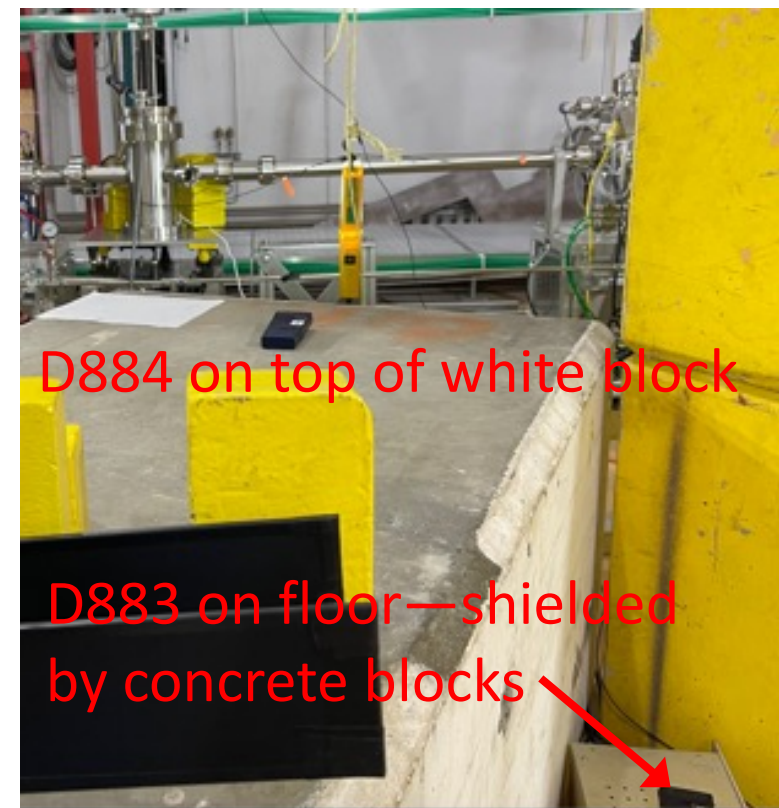
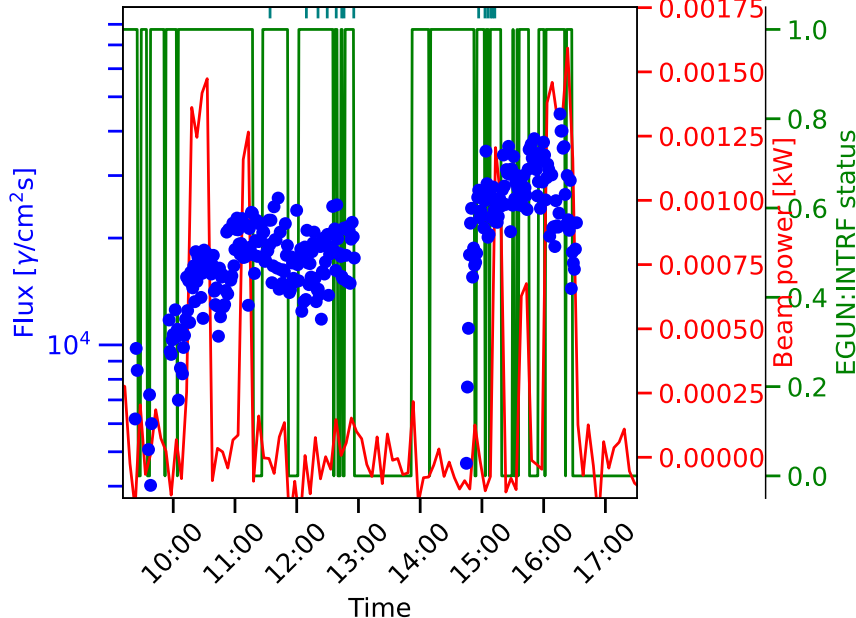
-- 1 um Tgt

(12:20, 12:38, 15:05)

Neutron flux, dosimeter 883, 2022-08-03



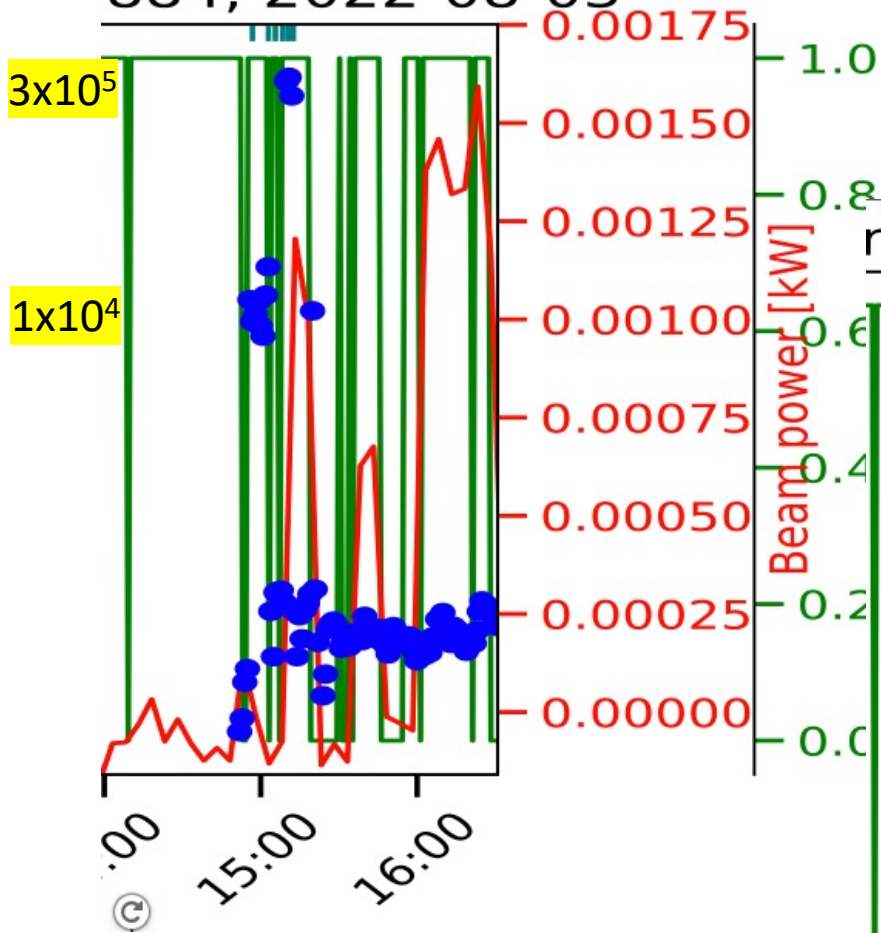
Gamma flux, dosimeter 883, 2022-08-03



D884 on top of white block

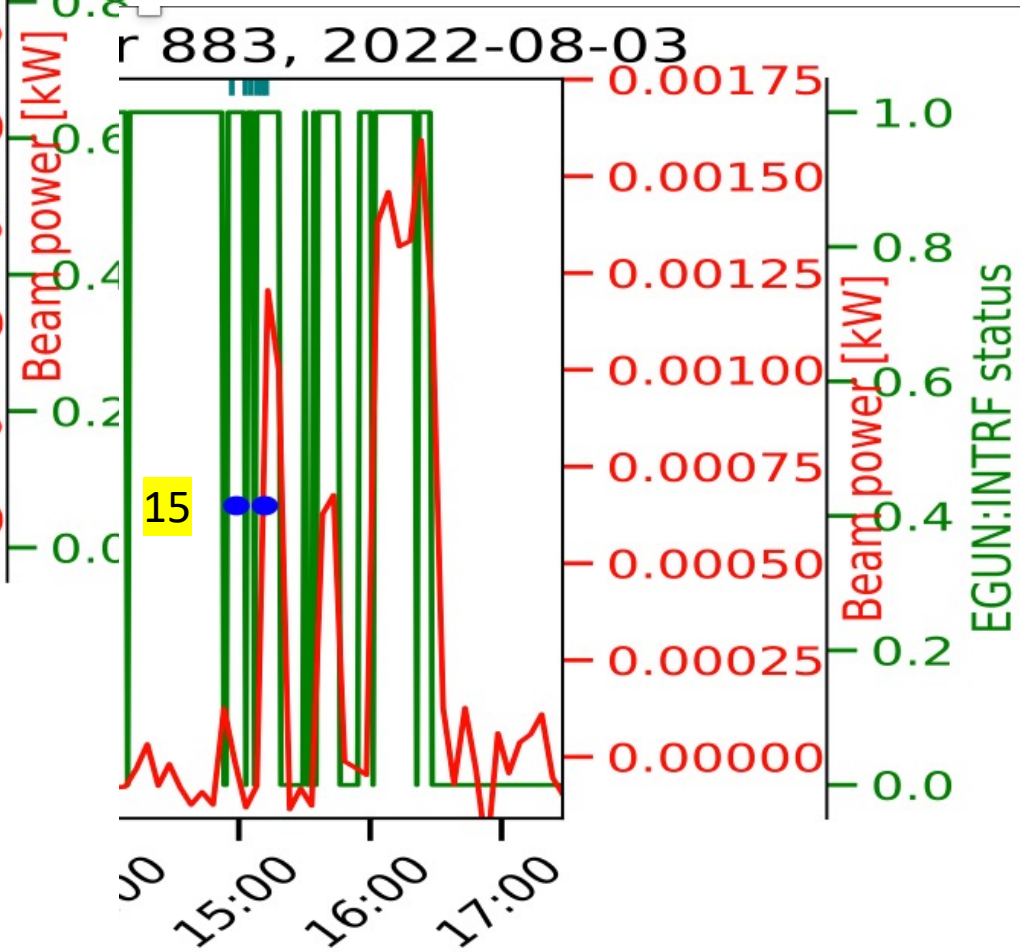
D883 on floor—shielded by concrete blocks

884, 2022-08-03



neutron flux

883, 2022-08-03



Aug 3 Beam on Target

only 10% reaches the dump

-- 10 um Tgt

(12:09, 12:48, 14:56)

-- 1 um Tgt

(12:20, 12:38, 15:05)



D884 on top of white block

D883 on floor—shielded by concrete blocks

Aug 5 Beam on Target

only 10% reaches the dump

14:26 -- 1 μm Tgt

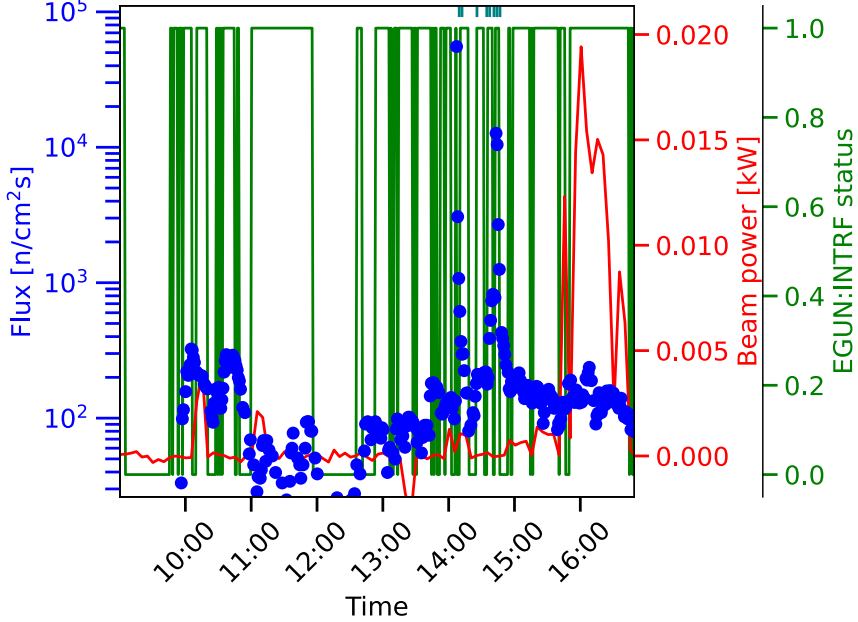
14:34, 24;37-- 10 μm Tgt

14:10, 14:44 -- scintillator

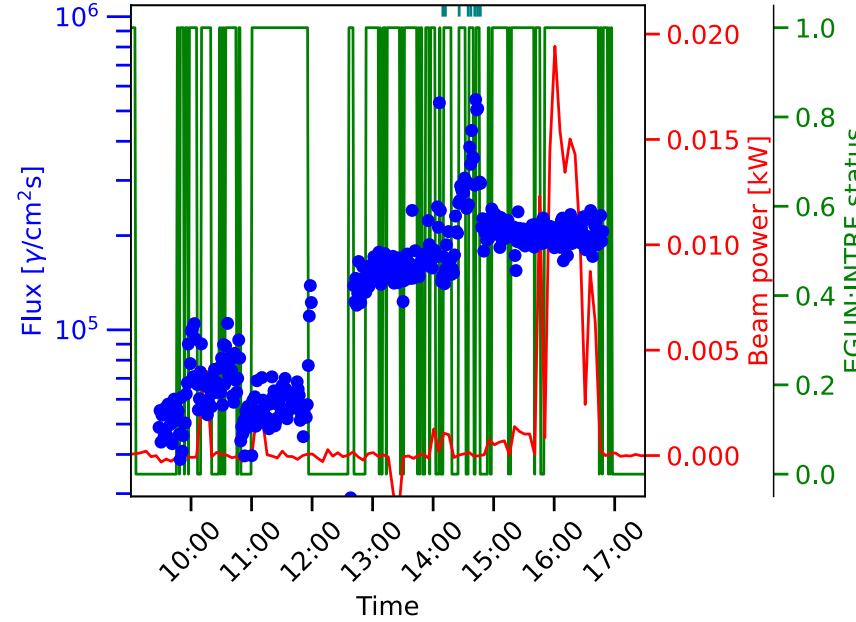
D884 on top of white block

D883 on floor—shielded
by concrete blocks

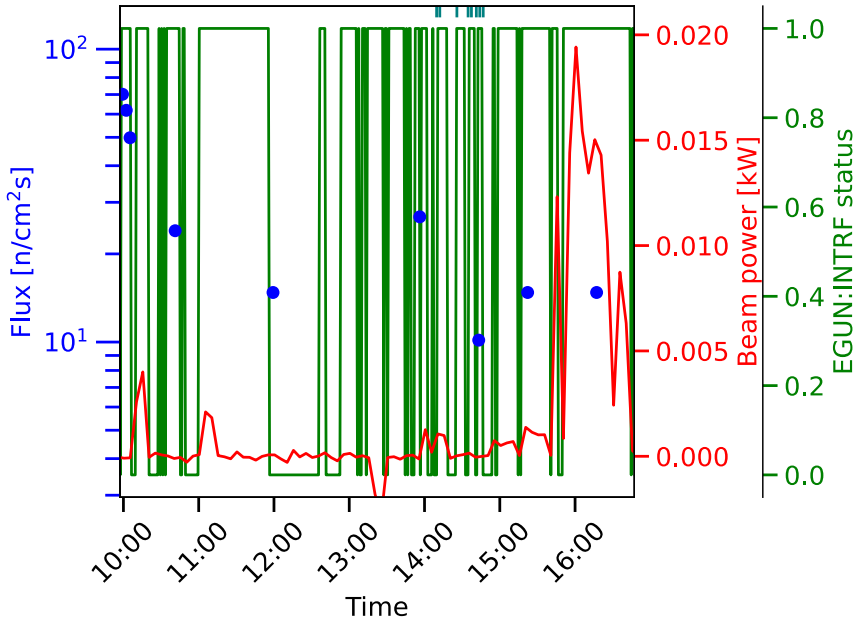
Neutron flux, dosimeter 884, 2022-08-05



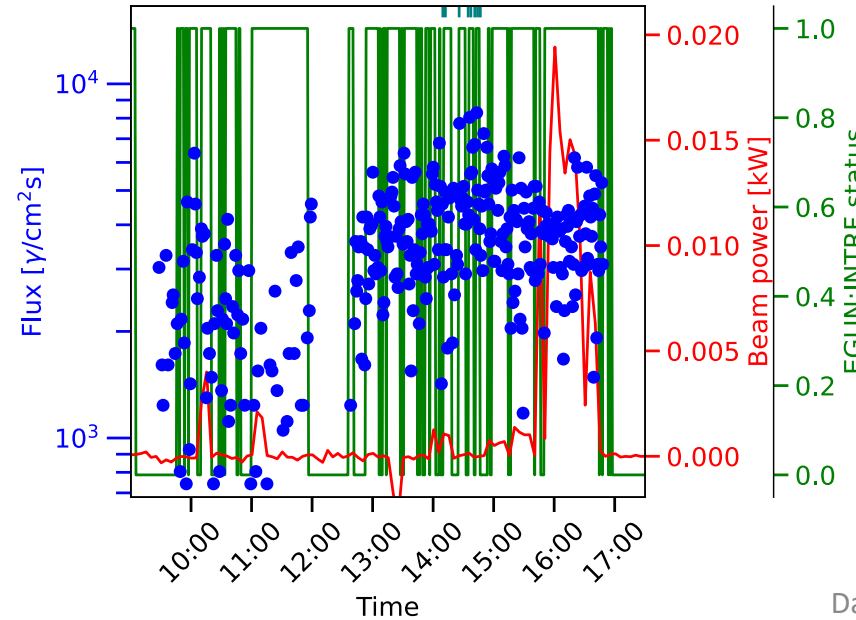
Gamma flux, dosimeter 884, 2022-08-05

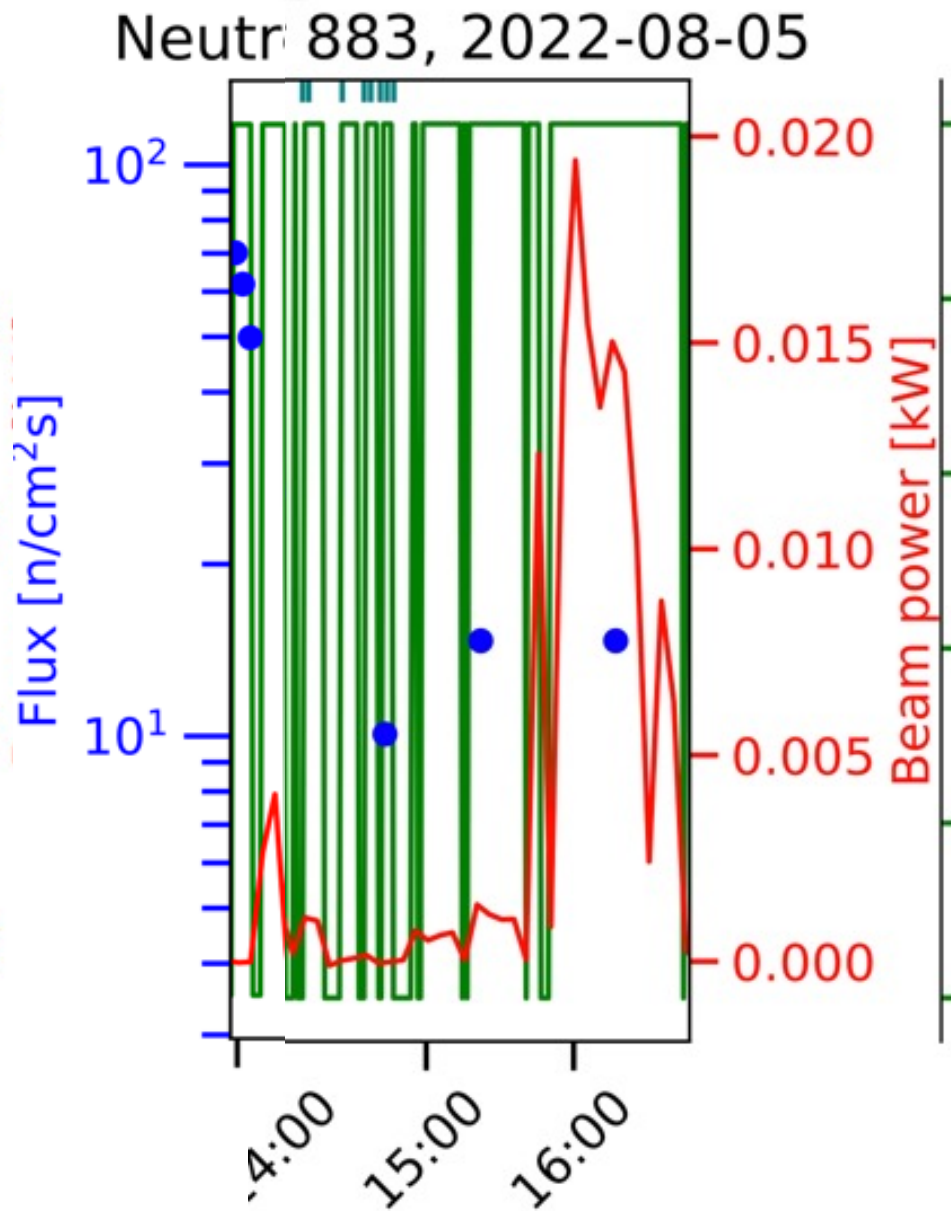
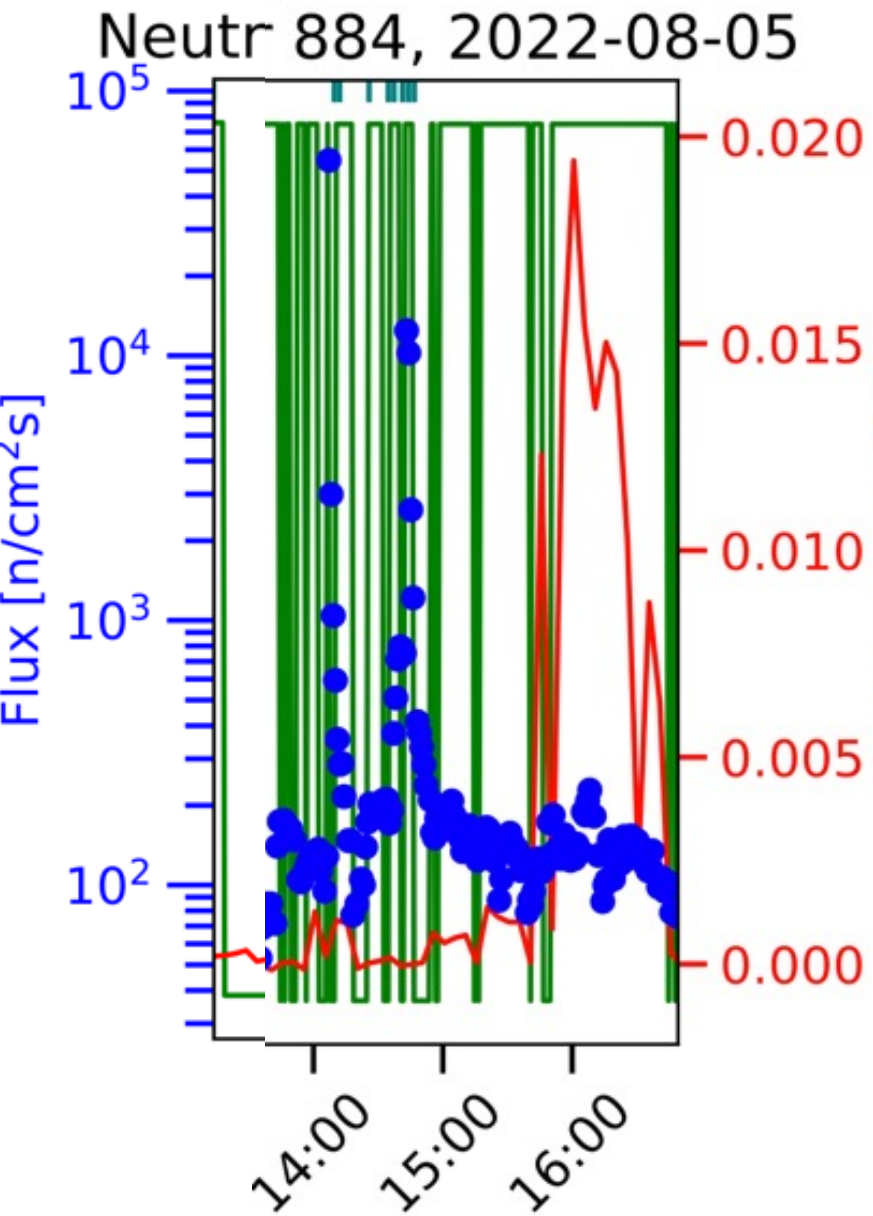


Neutron flux, dosimeter 883, 2022-08-05



Gamma flux, dosimeter 883, 2022-08-05





Aug 5 Beam on Target

only 10% reaches the dump

14:26 -- 1 um Tgt

14:34, 24;37-- 10 um Tgt

14:10, 14:44 -- scintillator

D884 on top of white block

D883 on floor—shielded
by concrete blocks

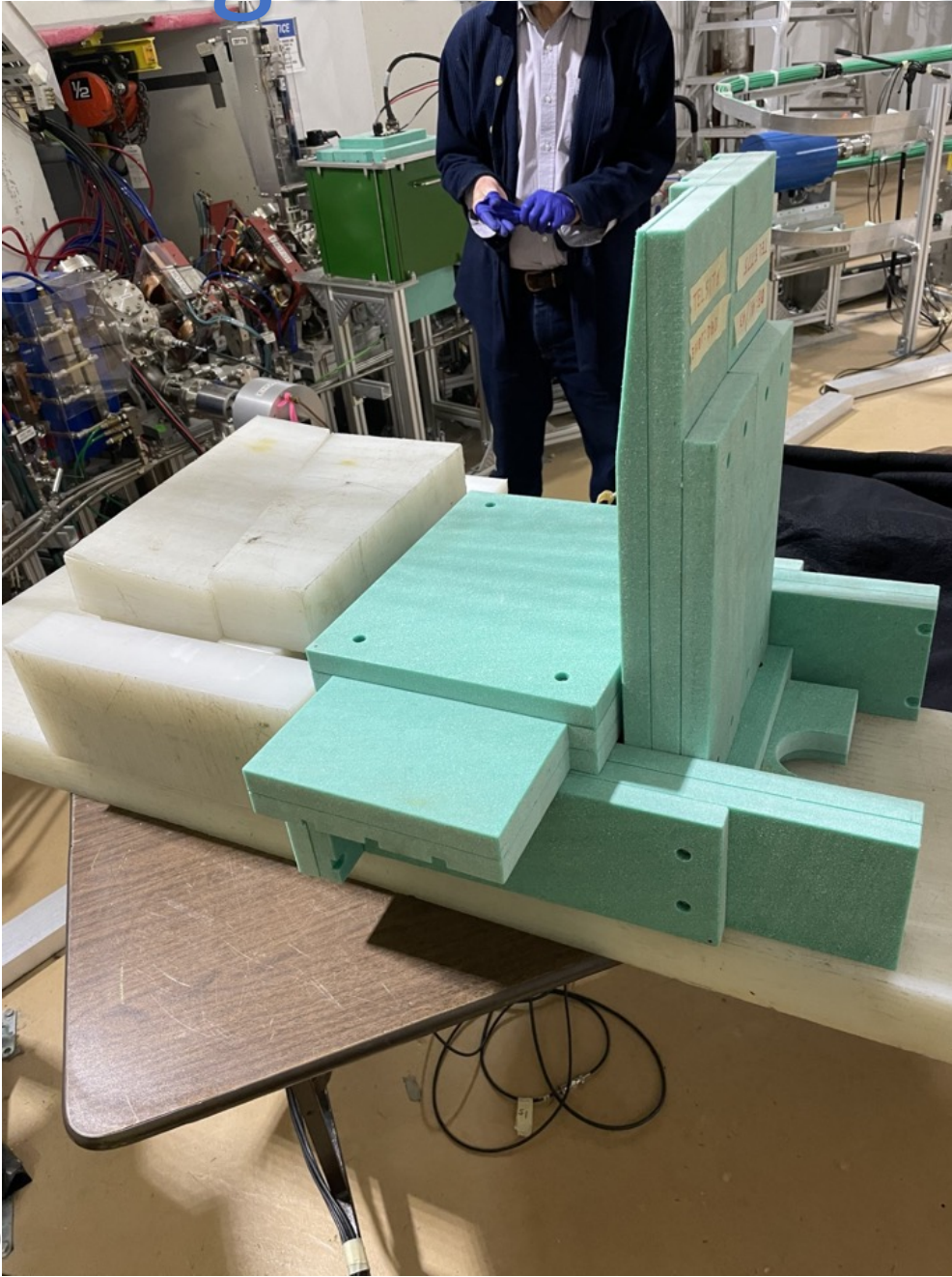
TRIUMF Borated Polyethylene

- used for shielding monitors
- will be tested by us – asap
- once there is stable beam at 30 MeV

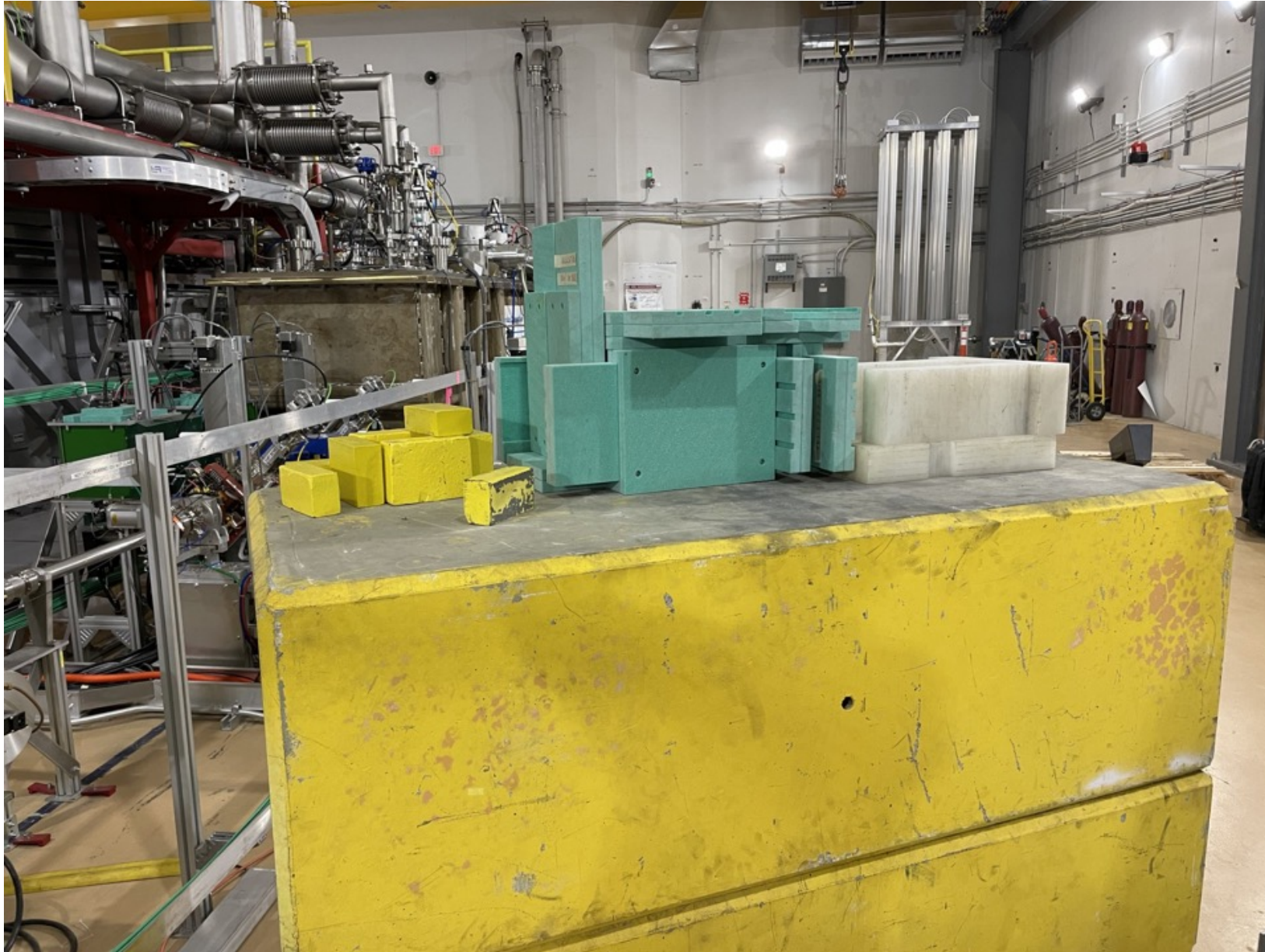


Bkgd Test near the beam dump

Dec 22/22



Bkgd Test near the cryomodule



Bkgd Test near the cryomodule

