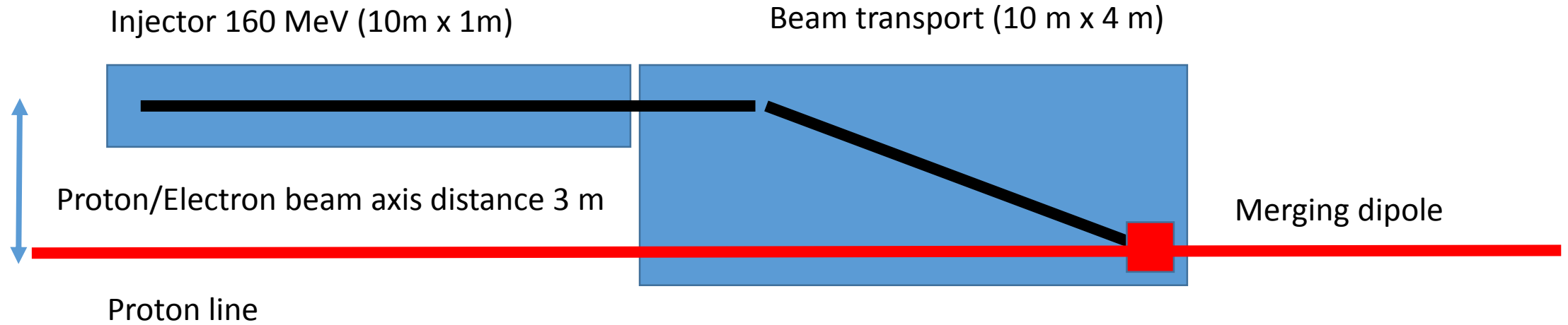


Awake Run2 injector layout



The schema can be rotated around the proton beam.
The intra-beam distance can be negotiated.
Beam transport is only a rough estimate for time being

Laser lines

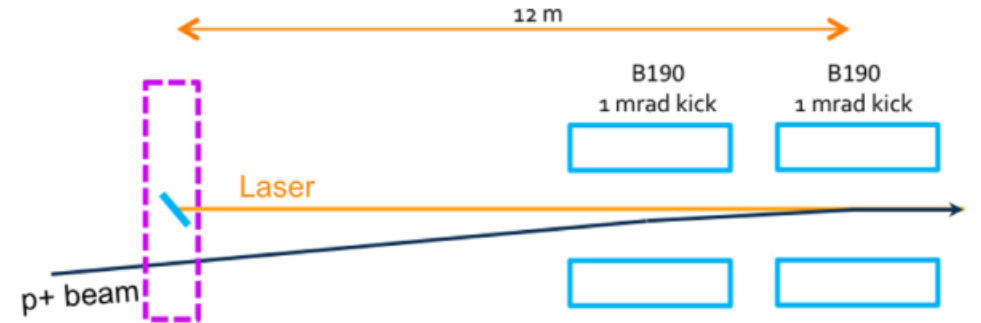
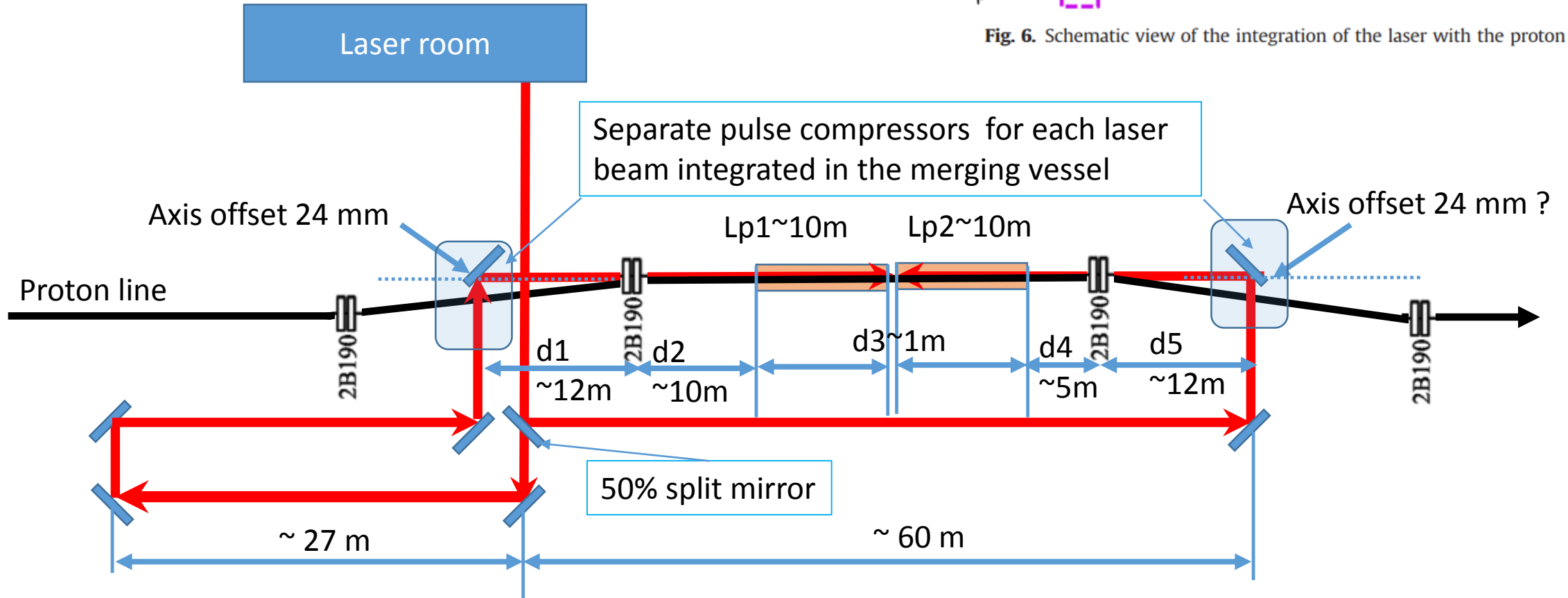


Fig. 6. Schematic view of the integration of the laser with the proton beam.



Delay $D \geq (Lp_2 + d_4 + d_5) \times 2 \sim 54 \text{ m}$

Laser beam paths from the split mirror to plasma separation window
 $\sim 97 \text{ m} + \text{path inside the pulse compressor}$

=> relay imaging using conventional optics possible for long pulses