

# The experiment demonstration of quasi-mono energetic deuteron acceleration by in-direct laser shot

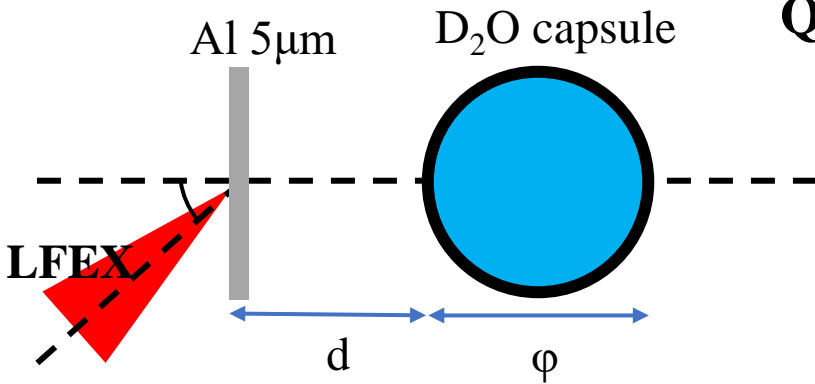


◦ T. Wei\*, Y. Arikawa, Y. Gu, S. R. Mirfayzi<sup>1</sup>, Z. Lan, Y. Tatsumi, T. Mori, M. Nakanishi, T. Katsu, K. Mima, M. Murakami, Y. Sentoku, N. Iwata, K. Yamanoi and A. Yogo\*

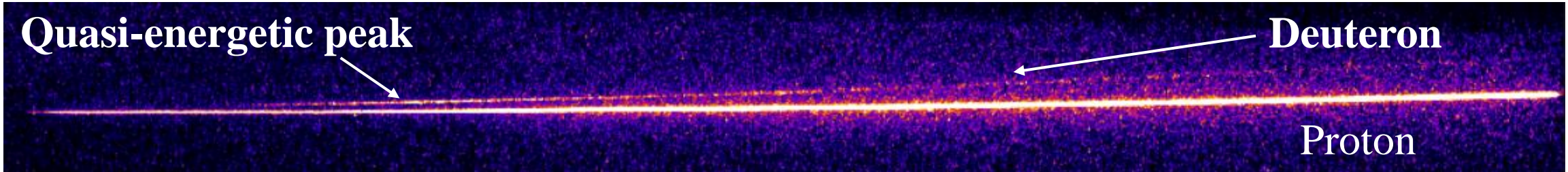
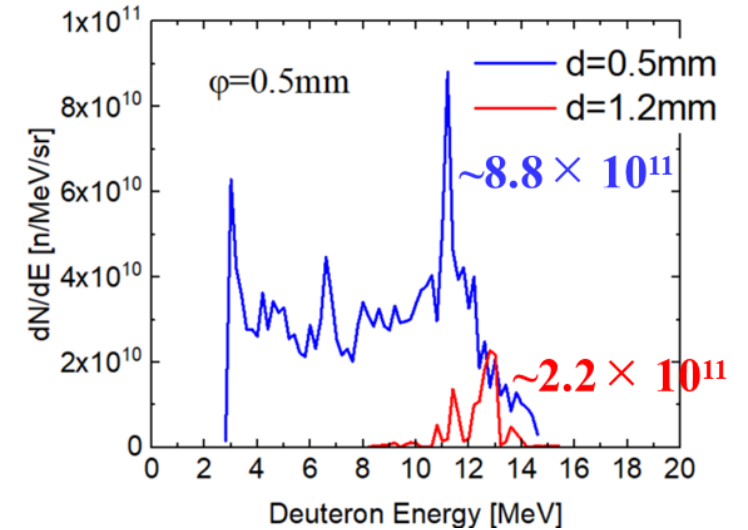
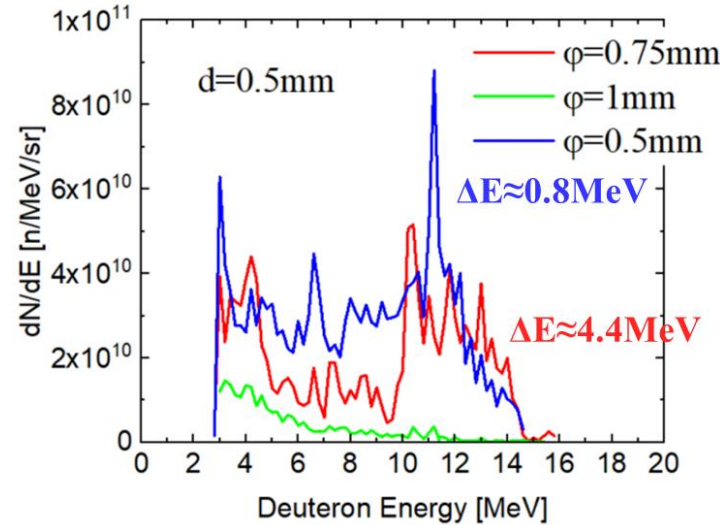
ILE, Osaka University  
1. Tokamak Energy Ltd

## In-direct ion acceleration:

Quasi-mono energetic deuterons are appeared **while d and φ become smaller**



In-direct shot with **heavy water capsule target** realizing **quasi-mono energetic deuterons**.



Typical raw data of TPIS