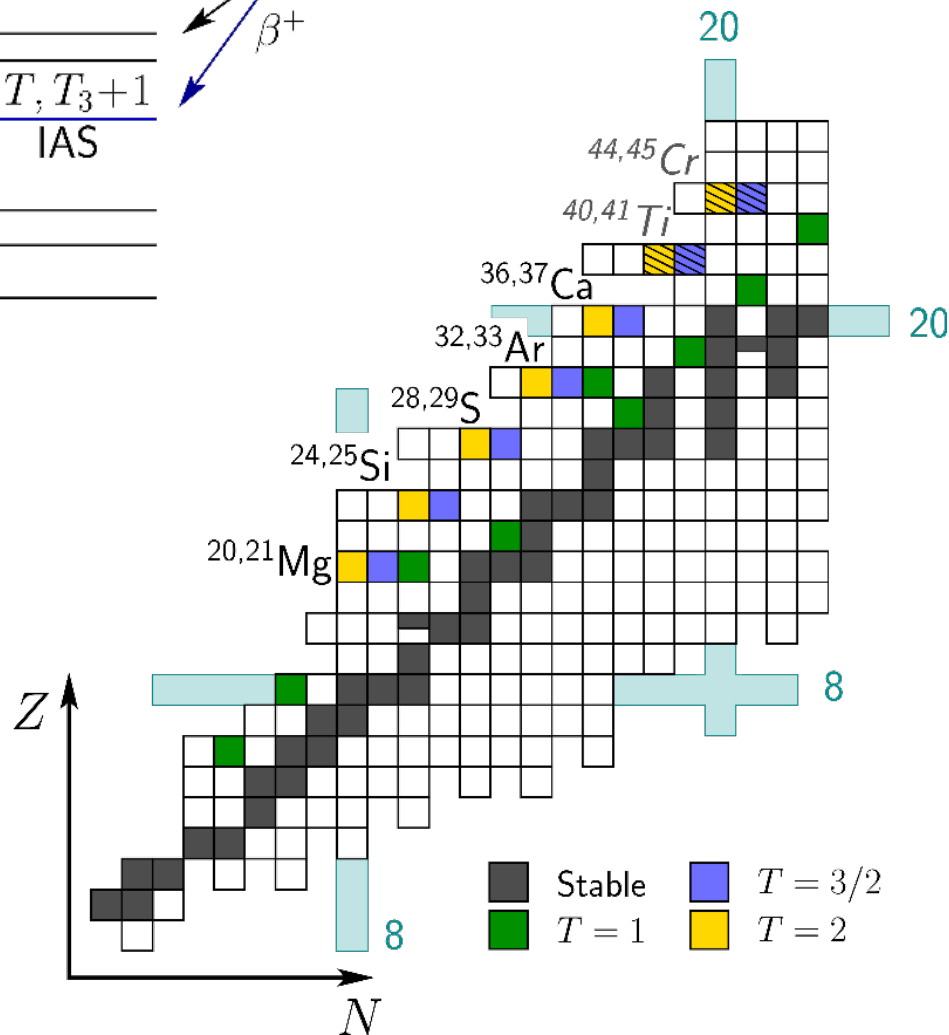
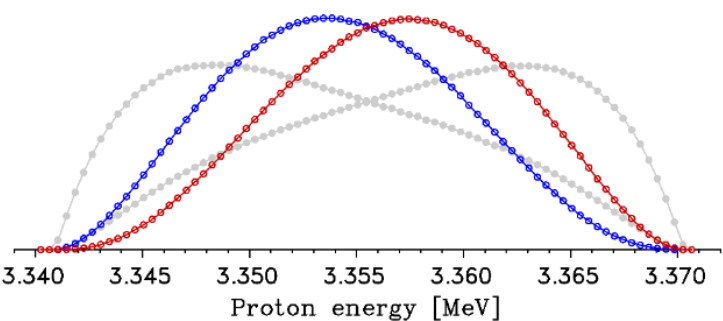
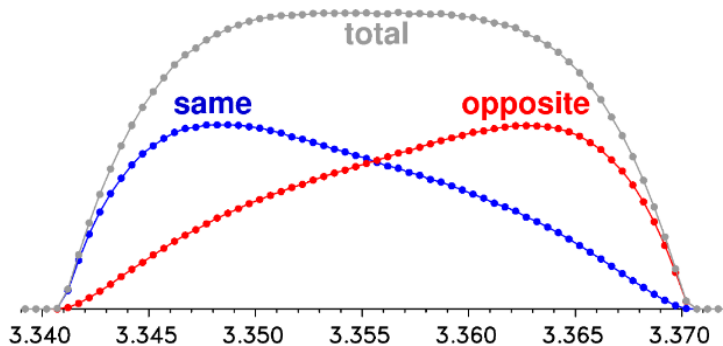
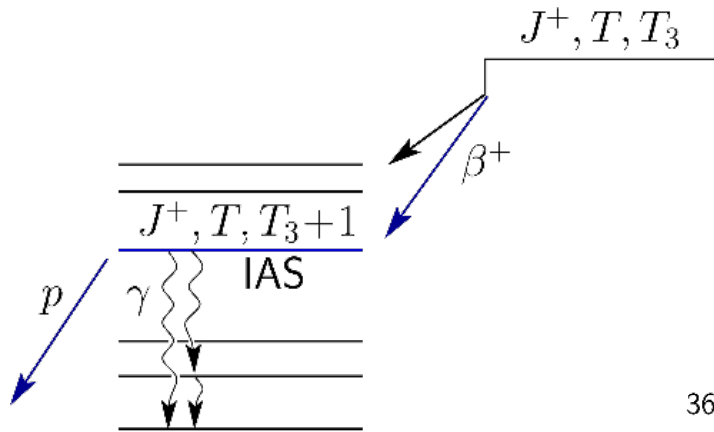
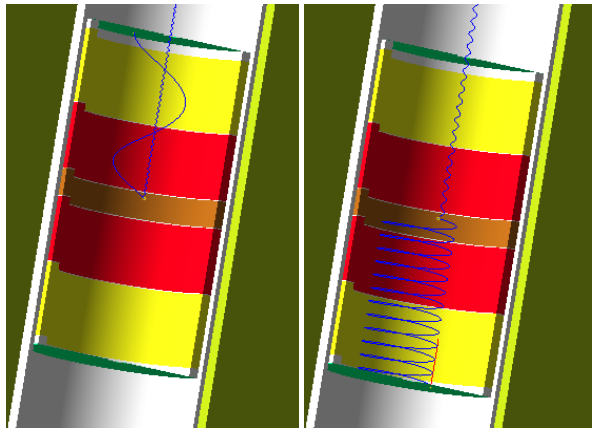
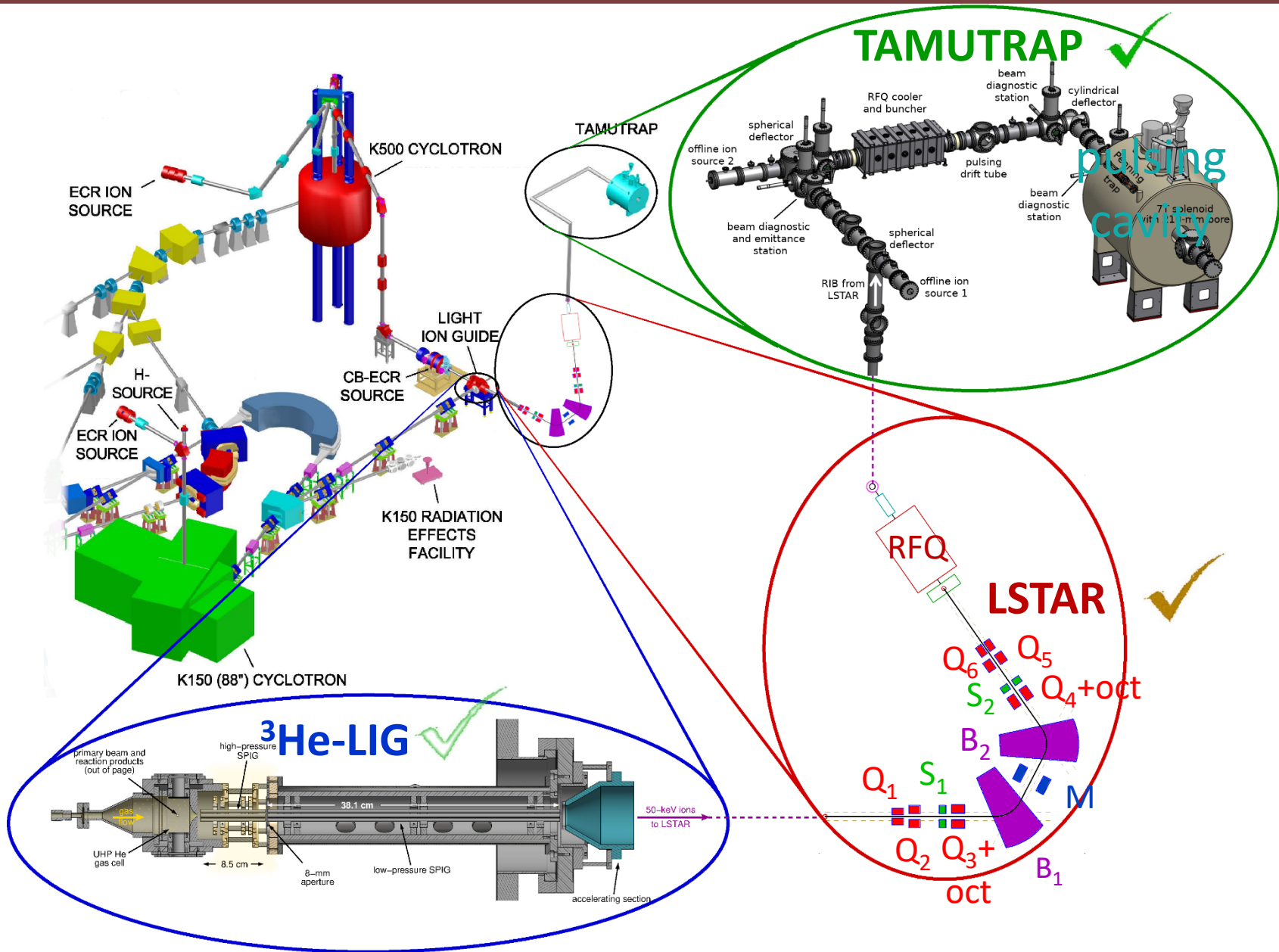


Shortest motivation ever†

†Sadly, not true...

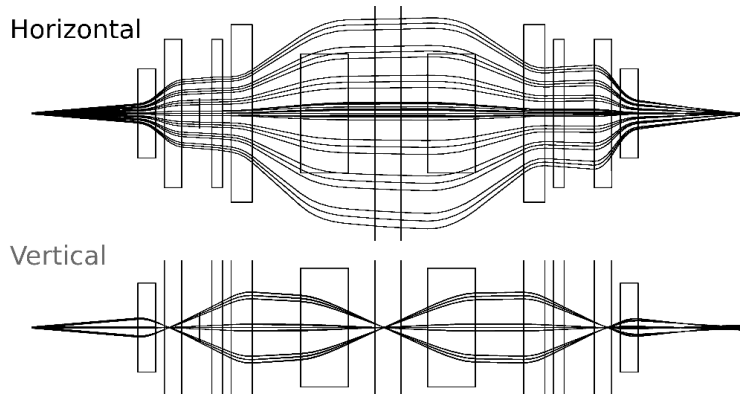


Needs/plans



LSTAR separator design

- Took the CARIBU separator as our starting point
Davids and Peterson, NIMB **266**, 4449 (2008)
- G. Berg came up with a $2 \times 62.5^\circ$ design:



- MC studies with SIMION rays
>90% efficiency with ± 0.25 mm
and ± 15 mdeg tolerances
- Bids by Christmas, commission
 ^3He -LIG next year, install LSTAR
in 2-3 yrs?

