

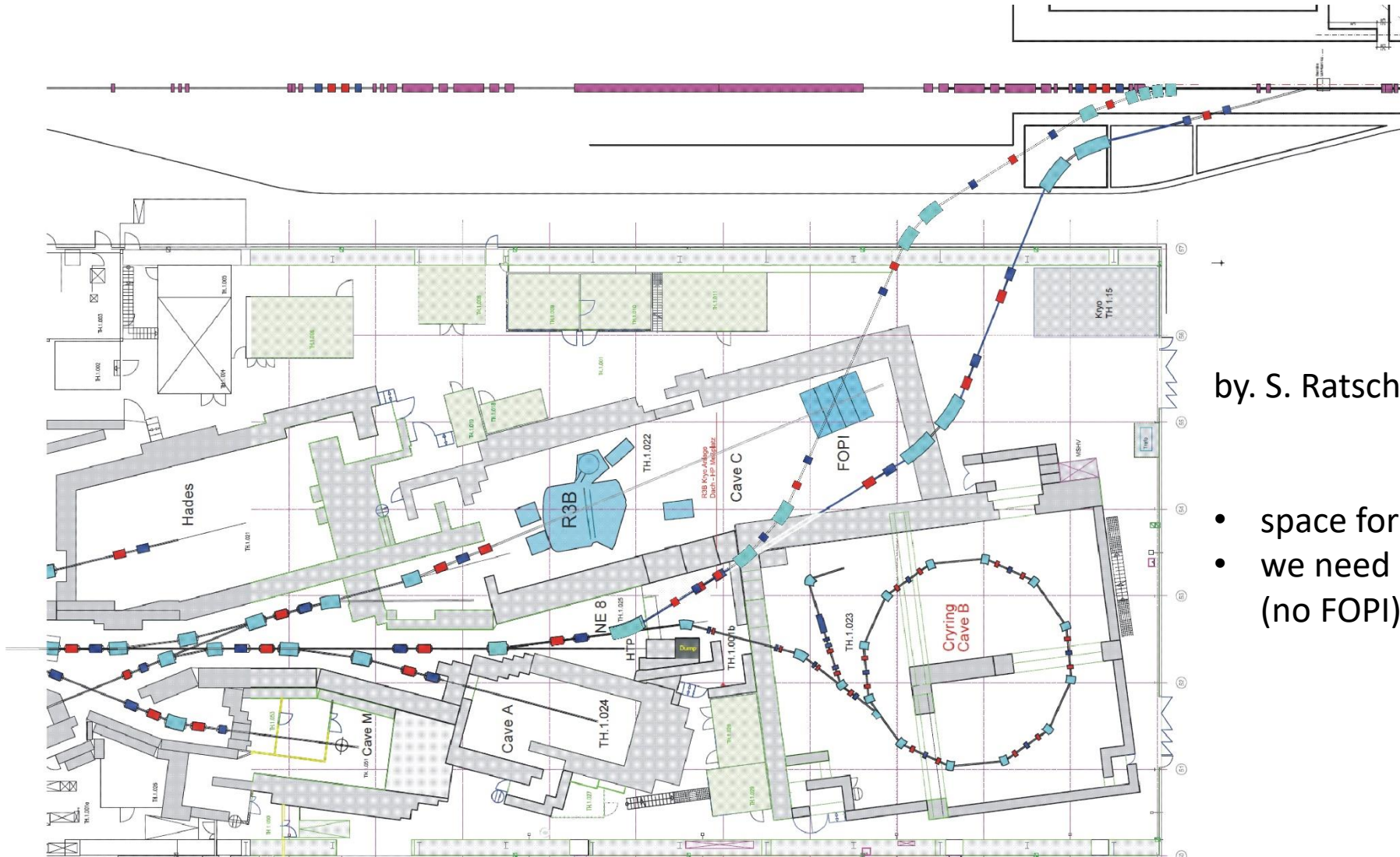
G2H beamline status

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New information

- Clarification of the cost estimate reported by E. Rosi on Dec 11:
 - 9.8 M€ - number taken from 2014 report
 - the other 3 numbers: $16.15+5.33+10=31.48$ M€ - basically additional cost needed to start HESR before CR is ready
- S.Ratschow did the preliminary optics study for updated layout of G2H-s (from now on this is the only version considered)
 - length 64.5 m (2014 assumption : 100 m)
 - 12 standard HEBT quadrupoles (or eventually shorter quads)
 - 4 dipoles with bending 17°
 - 1 switching dipole with 24.5°
 - 1 dipole 12.02°
 - C.Muehle promised cost estimate for Friday

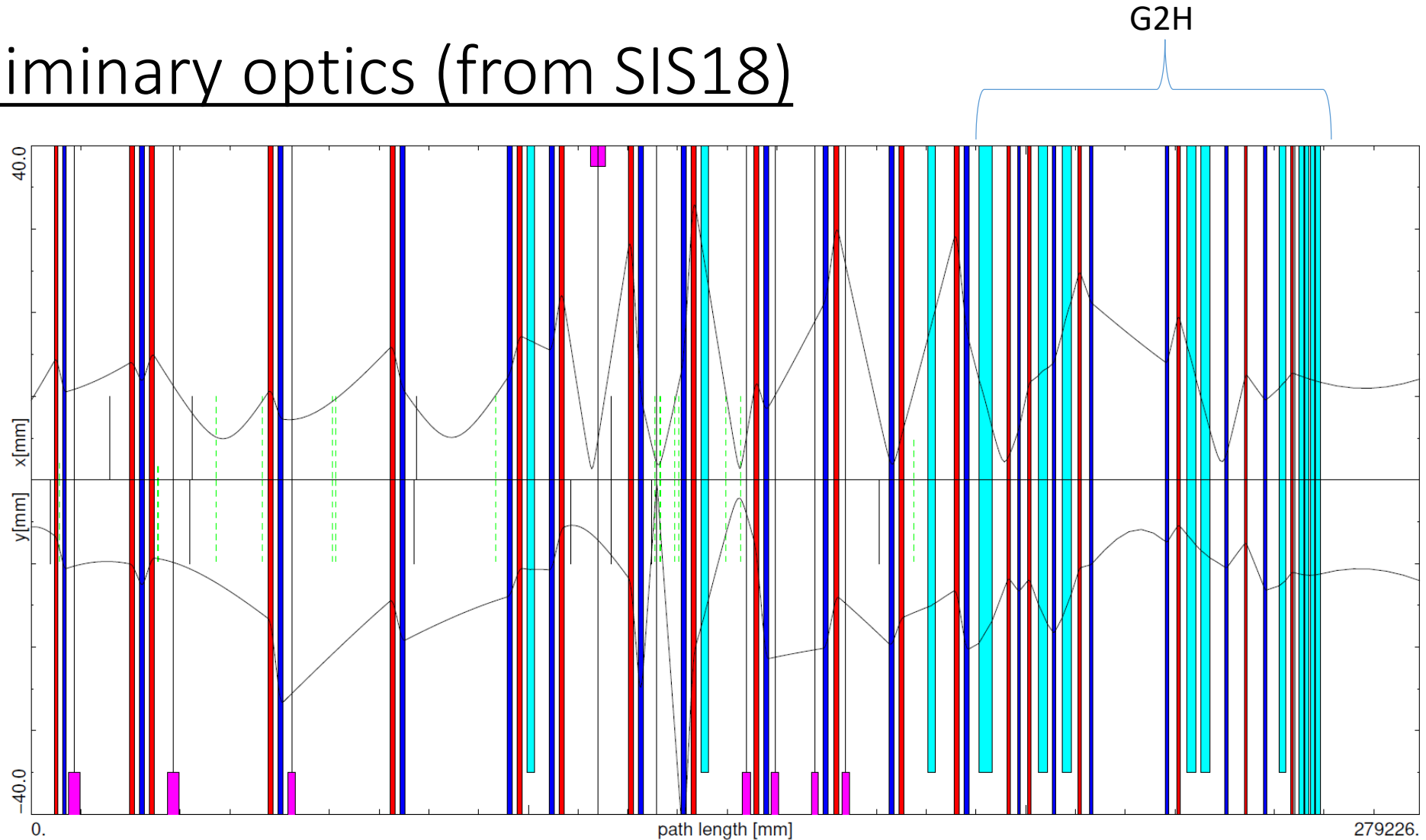
Layout



by S. Ratschow

- space for transportation
- we need updated layout (no FOPI)

Preliminary optics (from SIS18)



SE31: 02.03.88 – "PSE" BIS "VZP31" (ABZWEIG ZUM PRODUKTIONSTARGET)
Mass=238.0508 Charge=28.0 Energy= 64.520 MeV/u Emittances= 5.000 5.000 pi mm*mrad
January optics from Sebastian

by. S. Ratschow

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penv.0,19999,1,0 (pmod,1)

File: C:/Users/sapinski/AppData/Local/0_gsi_executables/MIRKO2015/g2h_jan2019.ps