

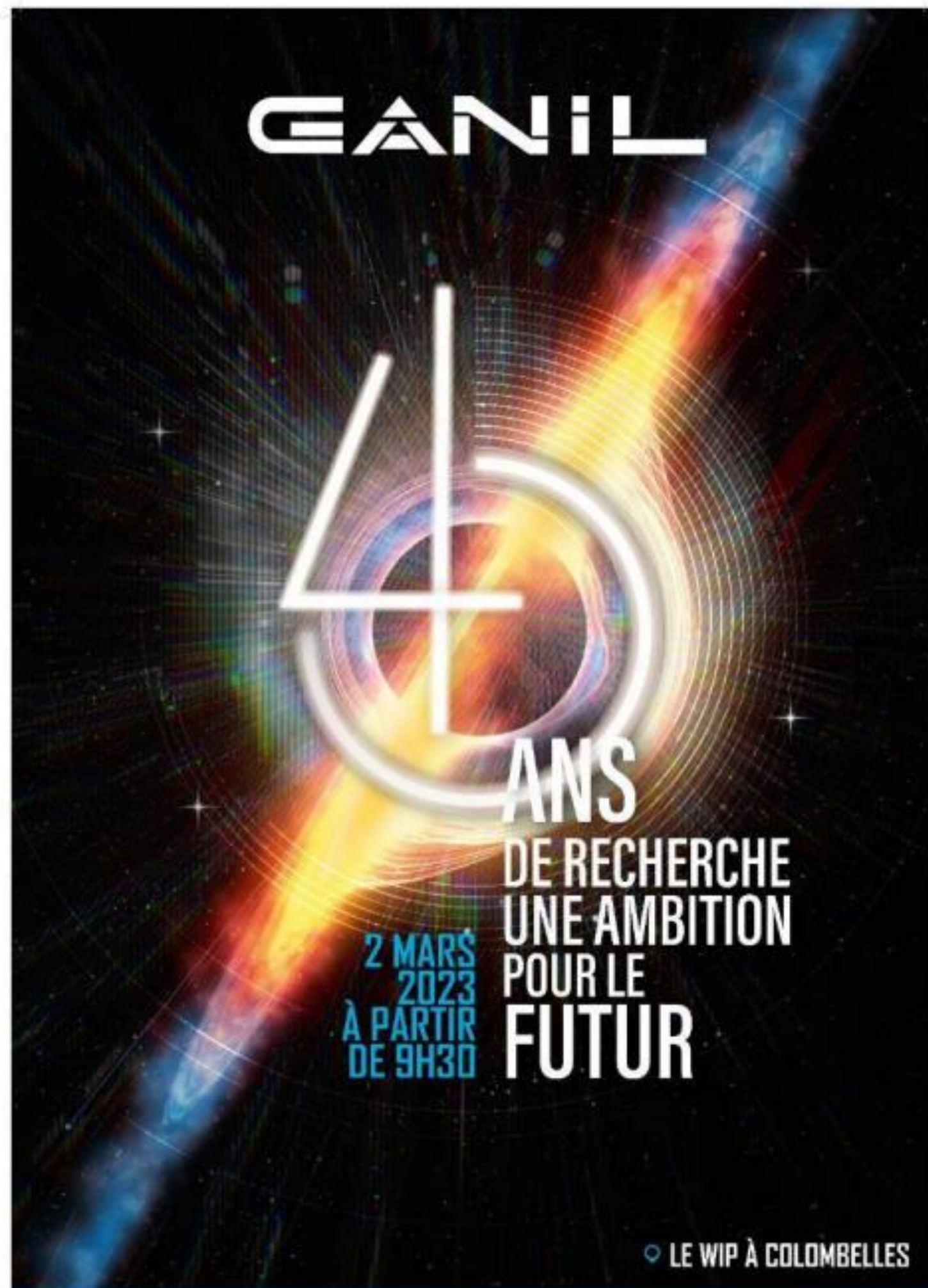
GANIL





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**ANS DE RECHERCHE
UNE AMBITION
POUR LE
FUTUR**



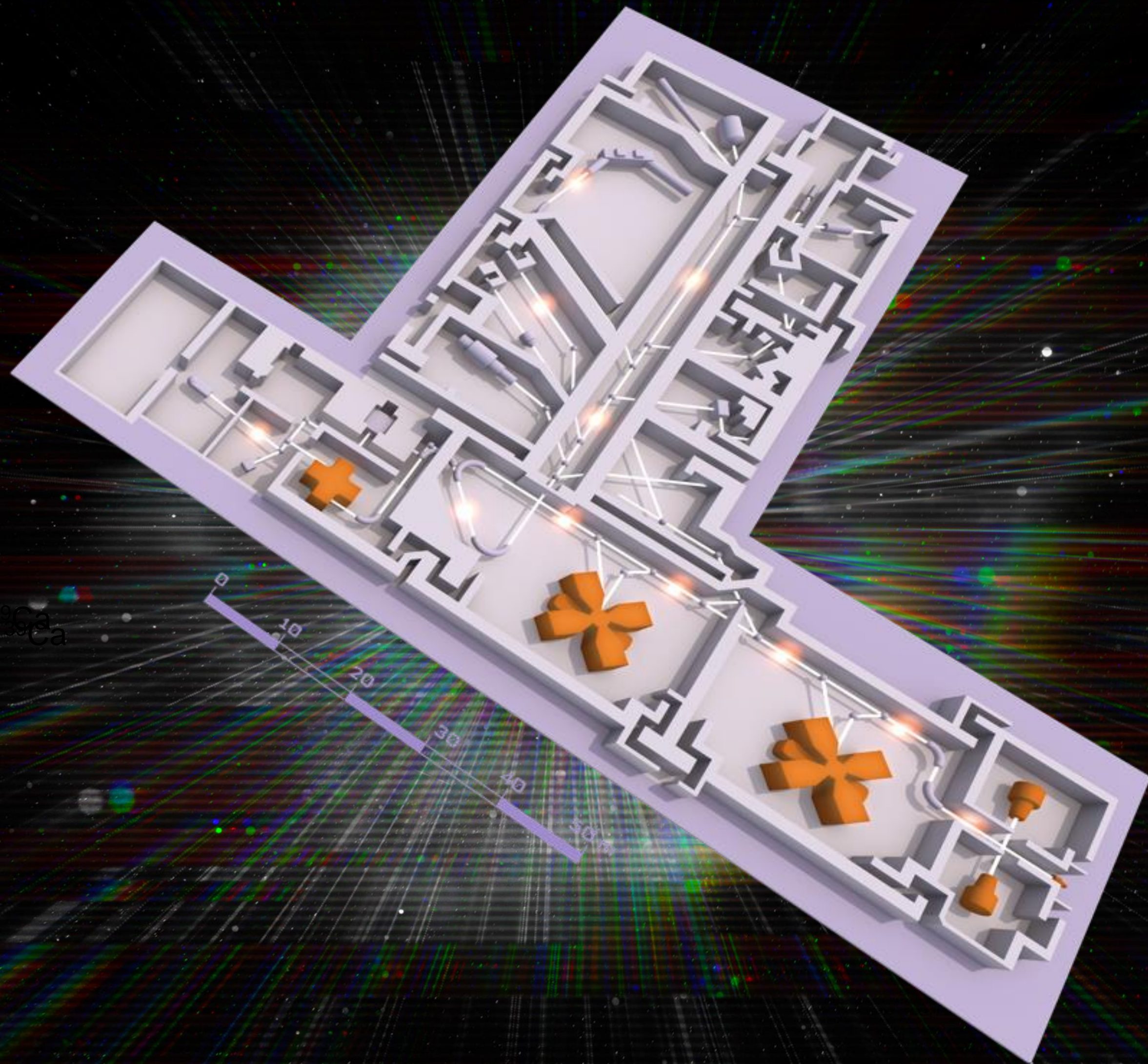
PROGRAMME

- 9h30 : Accueil café, remise des badges*
- 10h00 : Introduction de la journée,
Patricia Chomaz et Fanny Farget
- 10h15 : Histoire du GANIL,
Delphine Blanchard, doctorante au Comité pour l'histoire du CNRS
Denis Guthleben, Directeur délégué du Comité pour l'histoire du CNRS
Anne-Sophie Rozay, cheffe de projet du réseau Résitech - Mission PATSTEC
- 10h50 : Récit de la première expérience de physique nucléaire,
Daniel Guerreau
- 11h20 : Récit de la première expérience interdisciplinaire,
Alain Barbu et Marcel Toulemonde
- 11h45 : Table ronde
Lamri Adoui, Président de l'Université de Caen Normandie,
Bruno Dosseur, Directeur du Dôme – Relais d'Sciences,
Laurent Protin, Directeur Général Normandie Incubation
- 12h15 : Interventions
Joël Bruneau, Maire de Caen, Président de Caen-la-Mer
Julie Barenton-Guillas, Vice-présidente en charge de l'Enseignement Supérieur,
de la Recherche, du Numérique et de la Santé de la Région Normandie,
- 12h35 : Déjeuner, exposition de posters*
- 14h30 : Retour dans l'espace conférence et Quizz*
- 15h00 : Regards croisés sur le GANIL : Elsa Cortijo, Directrice de la DRF,
et Reynald Pain, Directeur de l'IN2P3
- 15h15 : Ambition pour le futur du GANIL à court et moyen terme
→ Perspectives scientifiques sur NFS : Marine Vandebrouck (DPhN)
→ Perspectives scientifiques sur S3/SIRIUS : Barbara Sulignano (DPhN)
→ Perspectives scientifiques sur S3/LEB : Vladimir Manea (IJCLab)
→ Perspectives scientifiques sur DESIR : Jean-Charles Thomas (GANIL)
→ Perspectives scientifiques pluridisciplinaires : Aurélie Gentils (IJCLab) et Clara Grygiel (Cimap)
- 16h30 : Pause*
- 17h00 : Ambition pour le futur du GANIL à long terme,
Stéphane Grévy (LP2I Bordeaux) et Hanna Franberg (GANIL)
- 17h45 : Conclusions par le représentant du Ministère de l'Enseignement Supérieur et de
la Recherche
- 18h30 : Spectacle*
- 19h30 : Cocktail et soirée festive*



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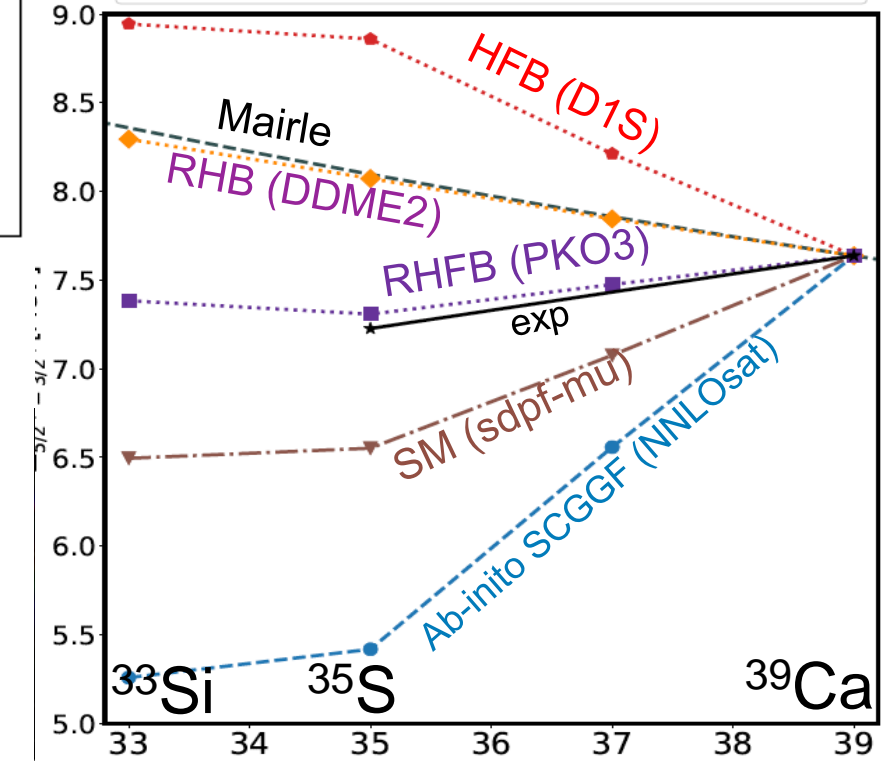
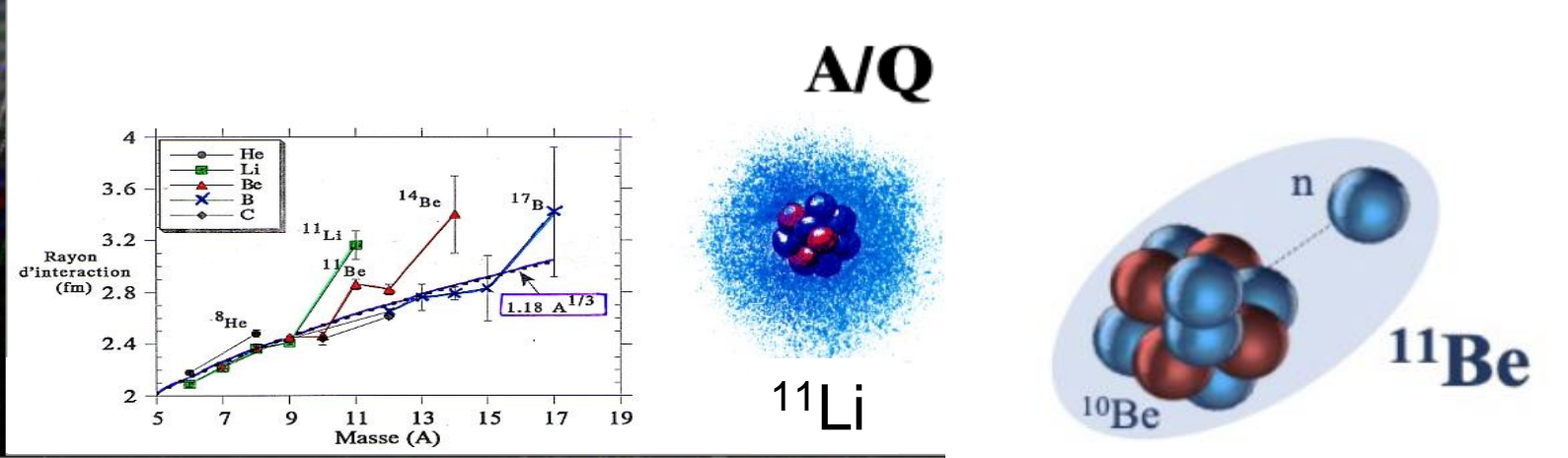
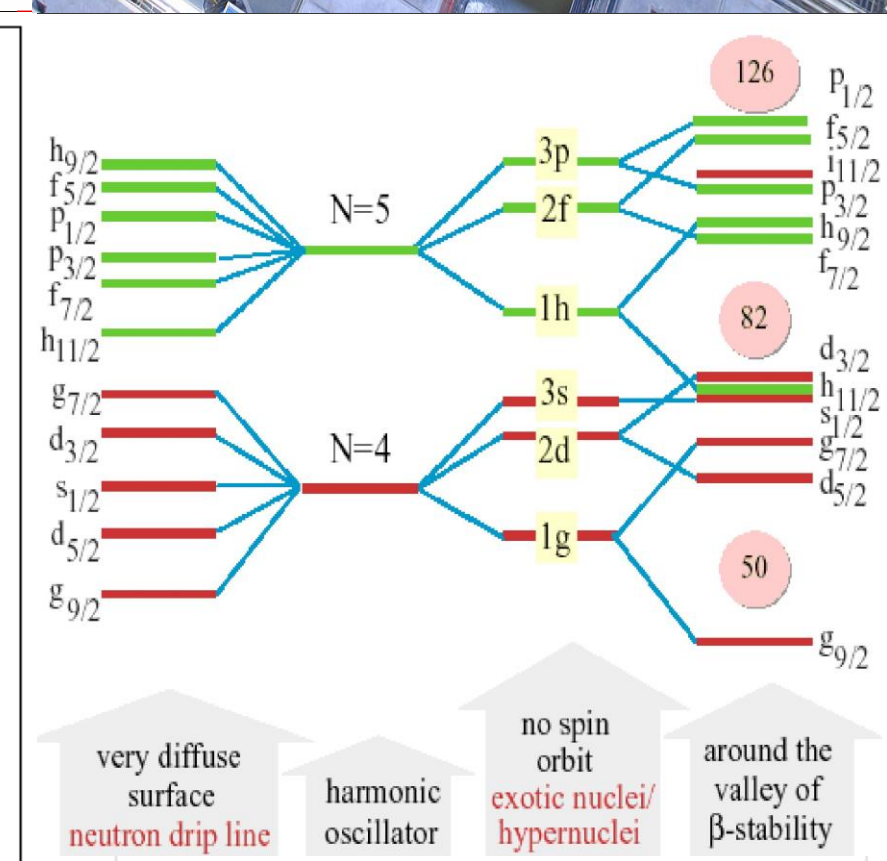
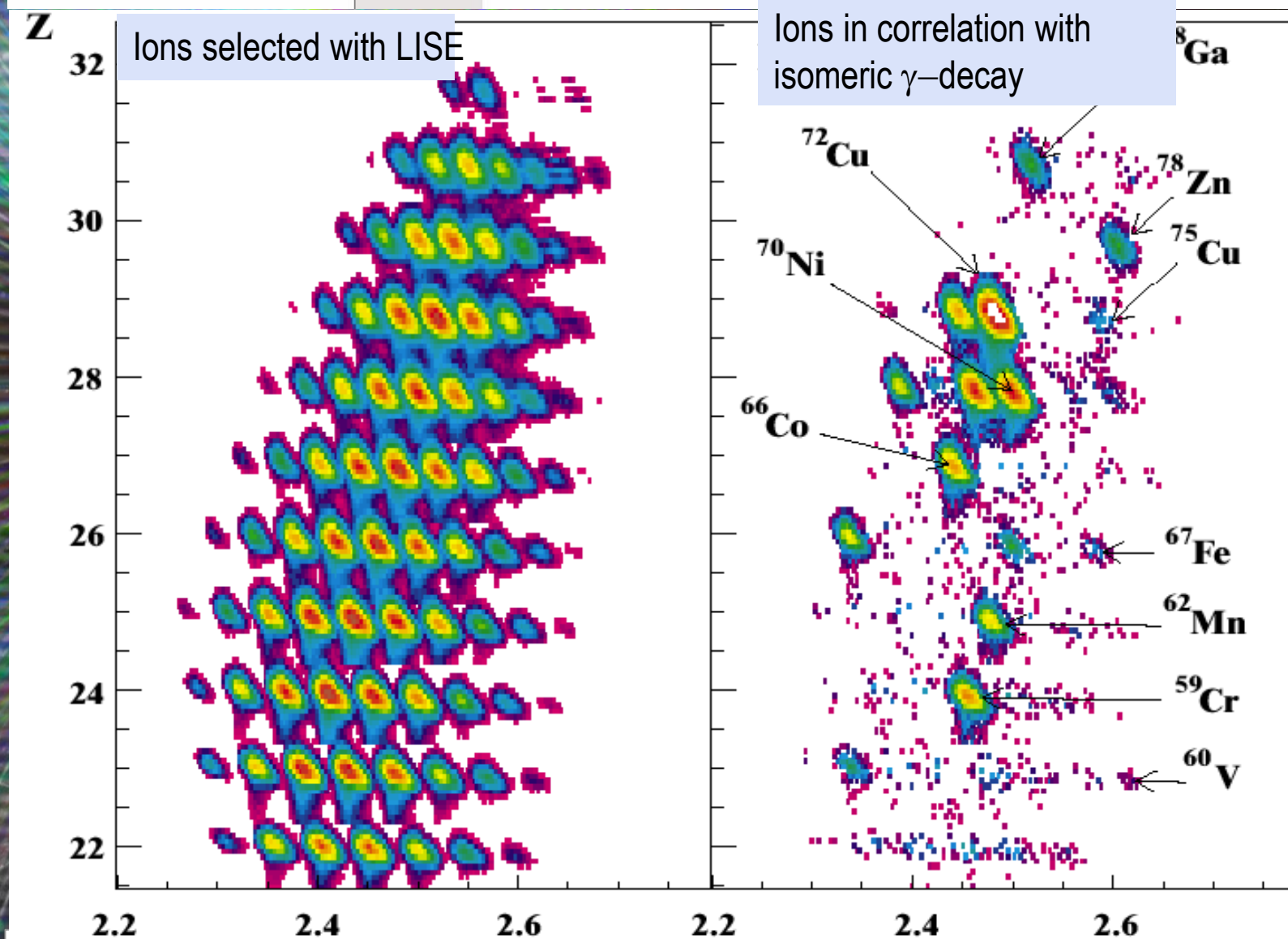
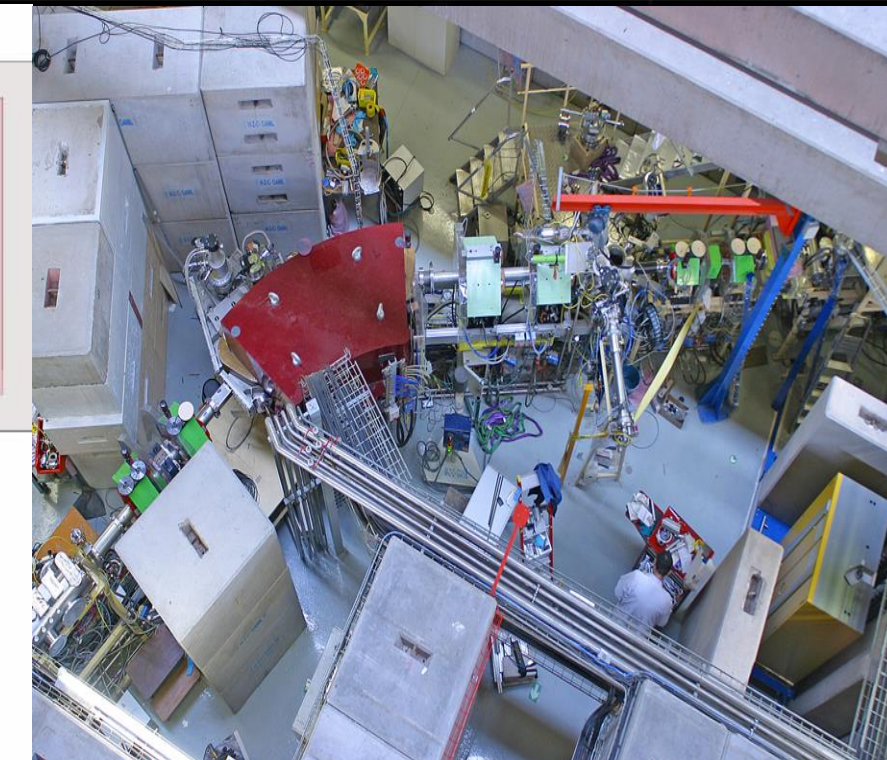
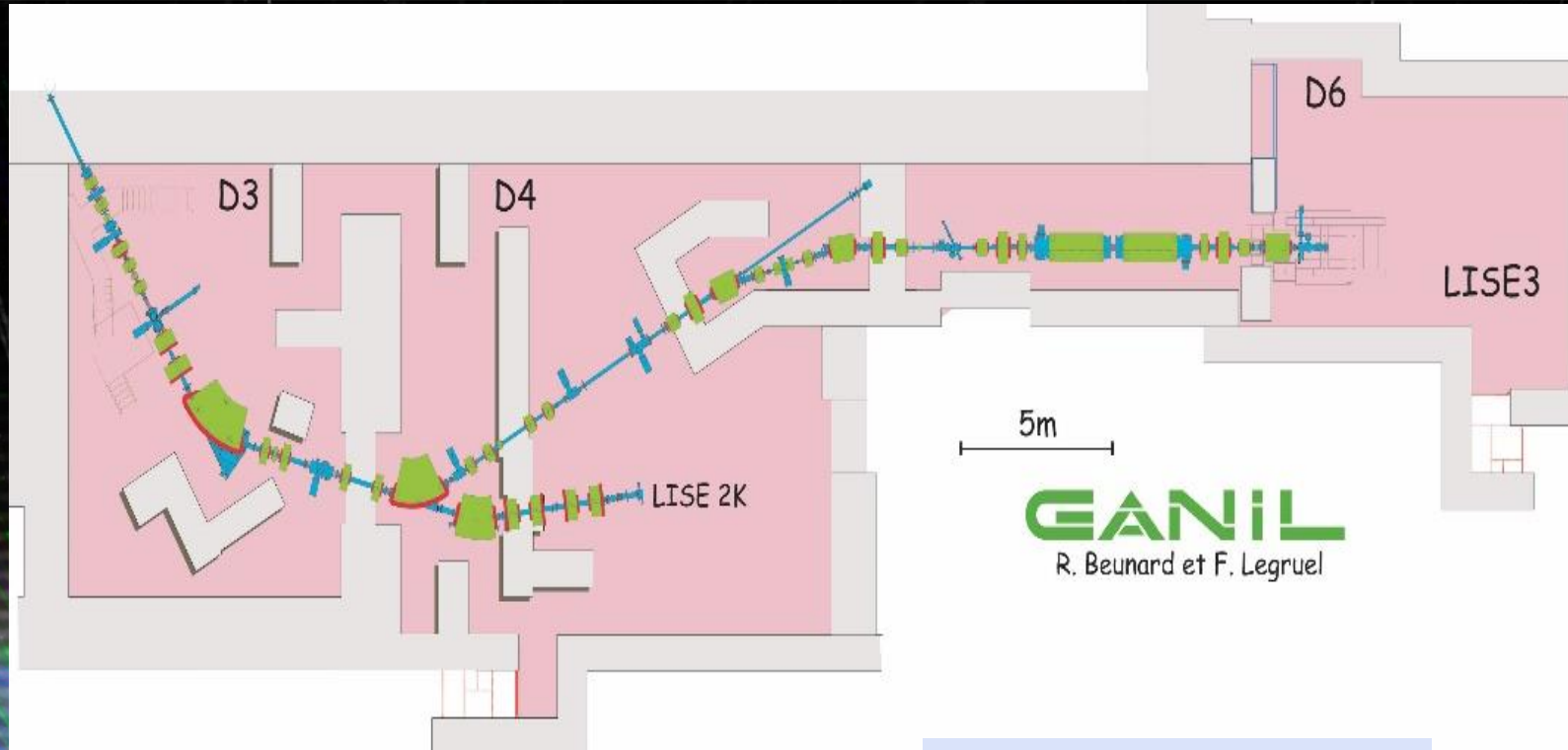
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^{40}Ca
 ^{48}Ca

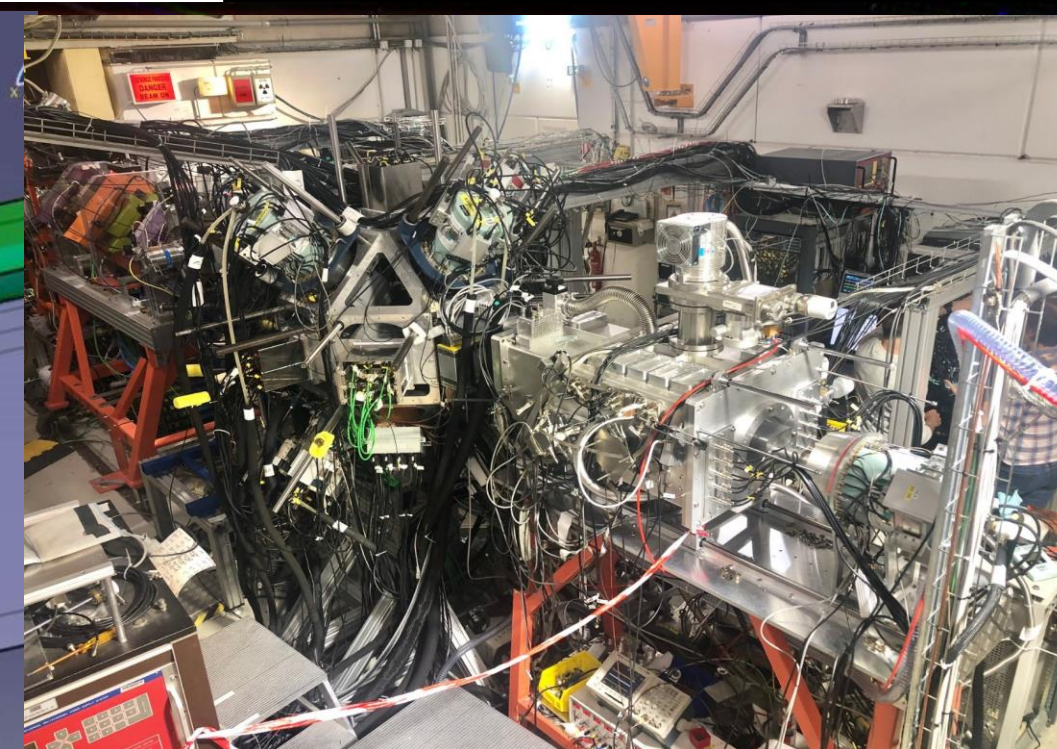
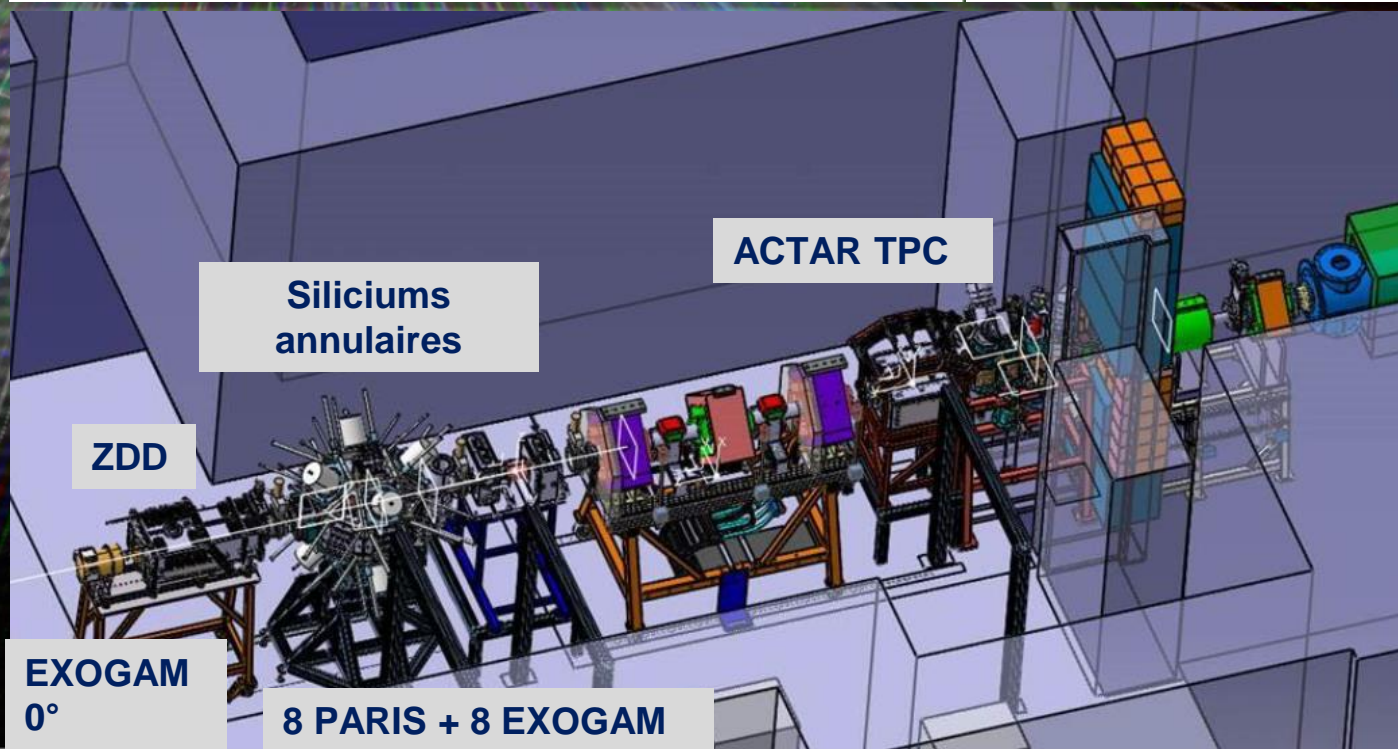
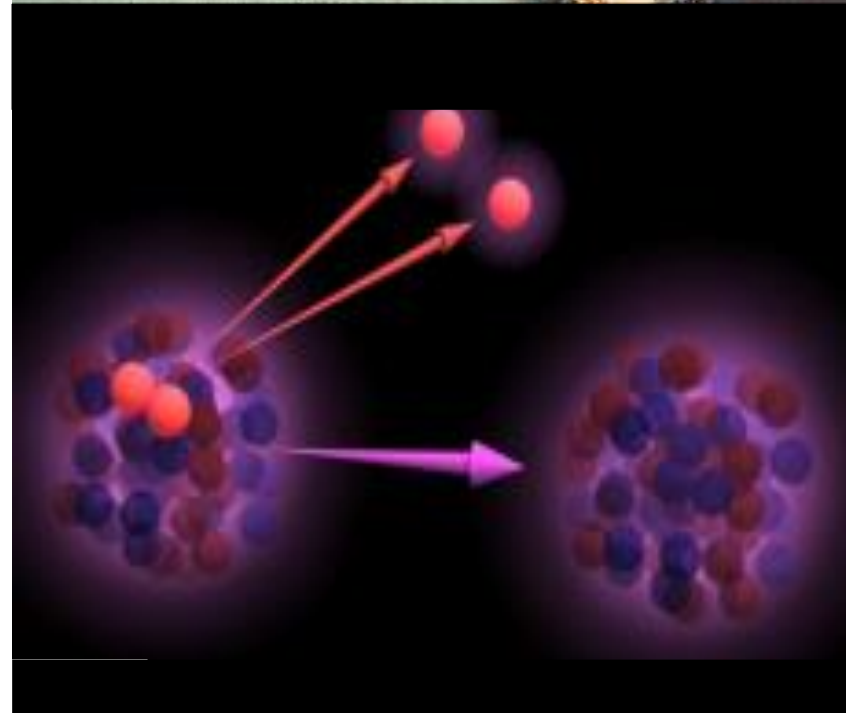
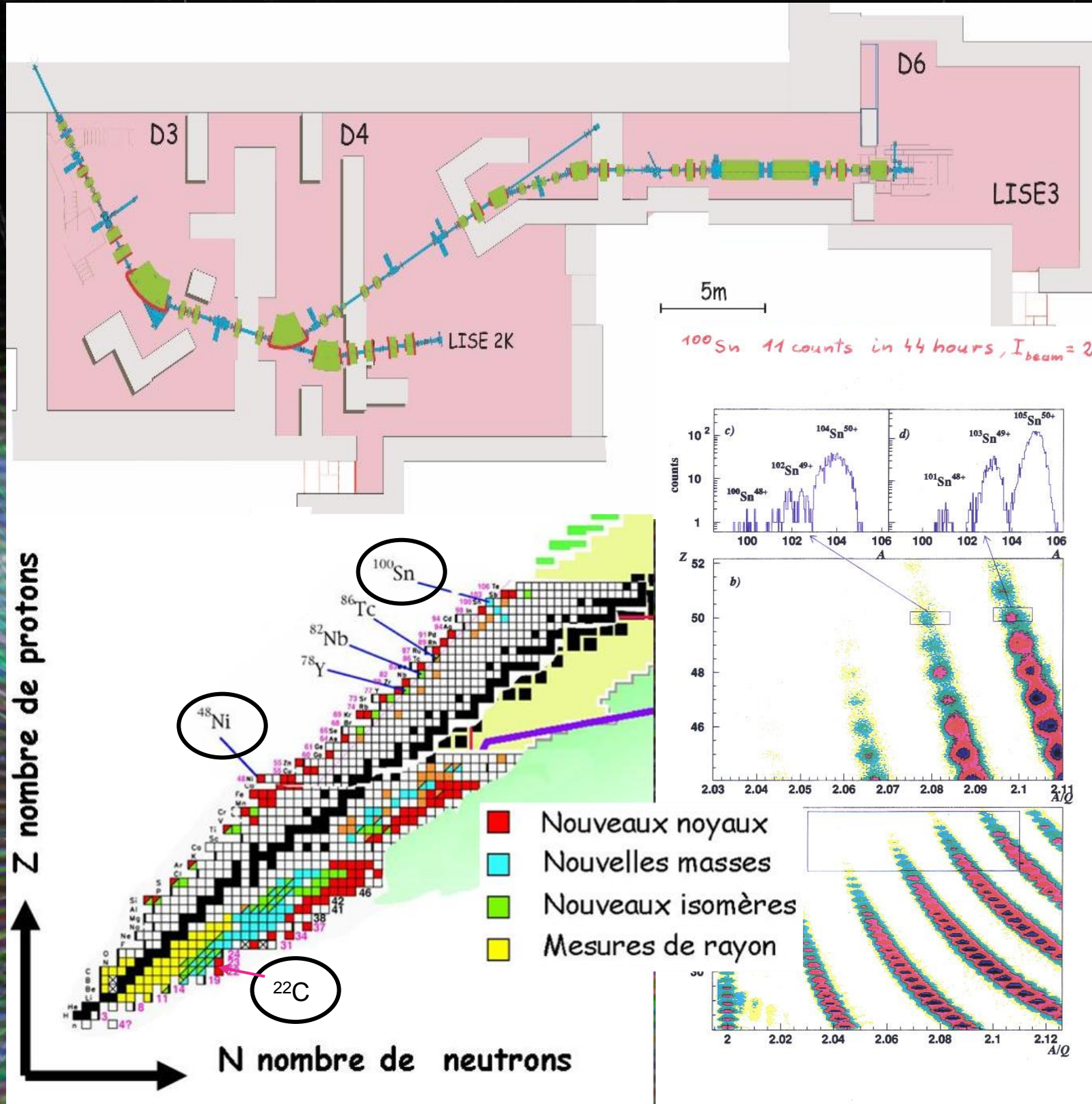
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LISE

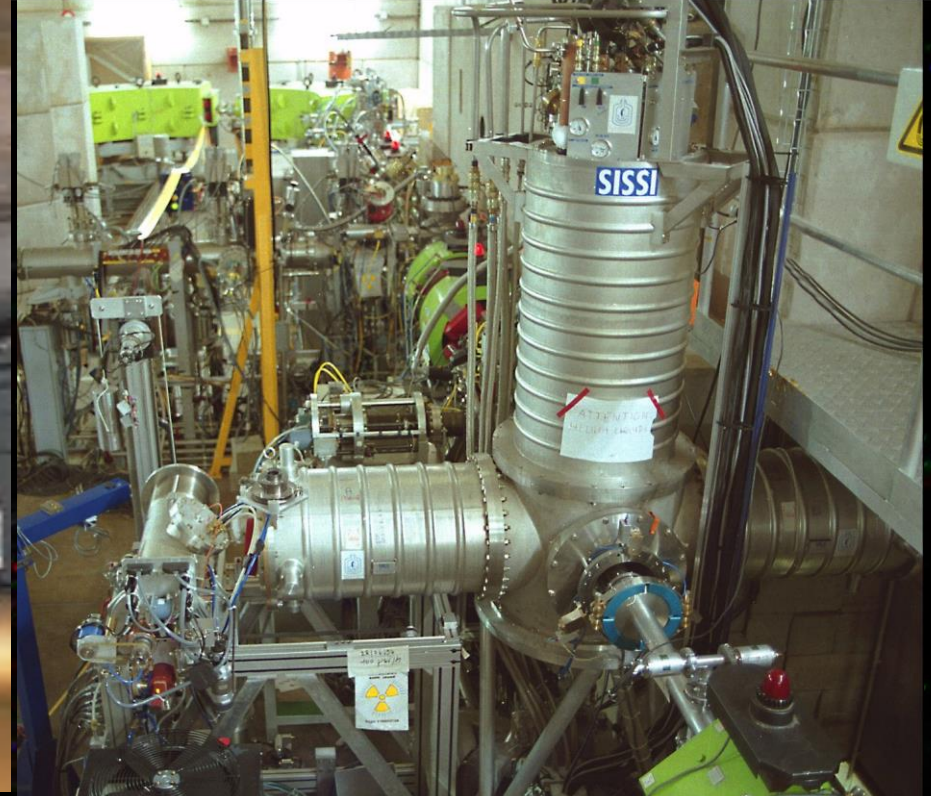


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LISE

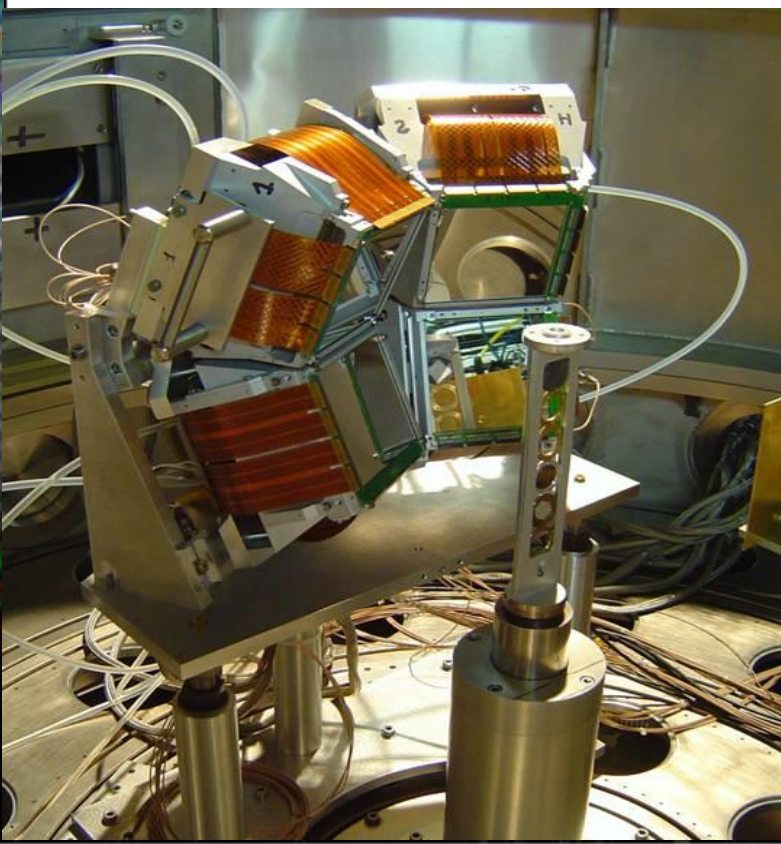
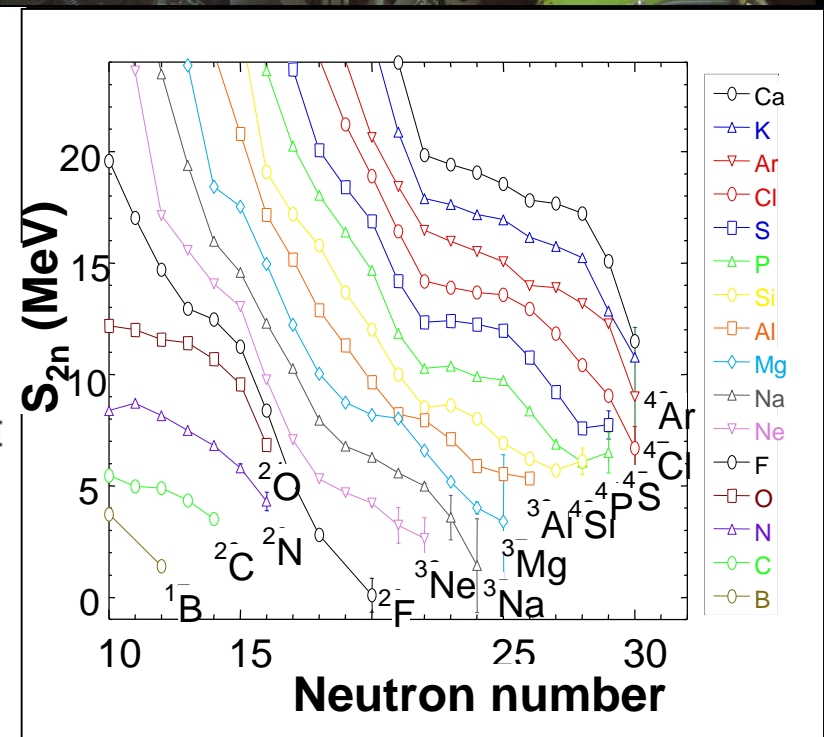
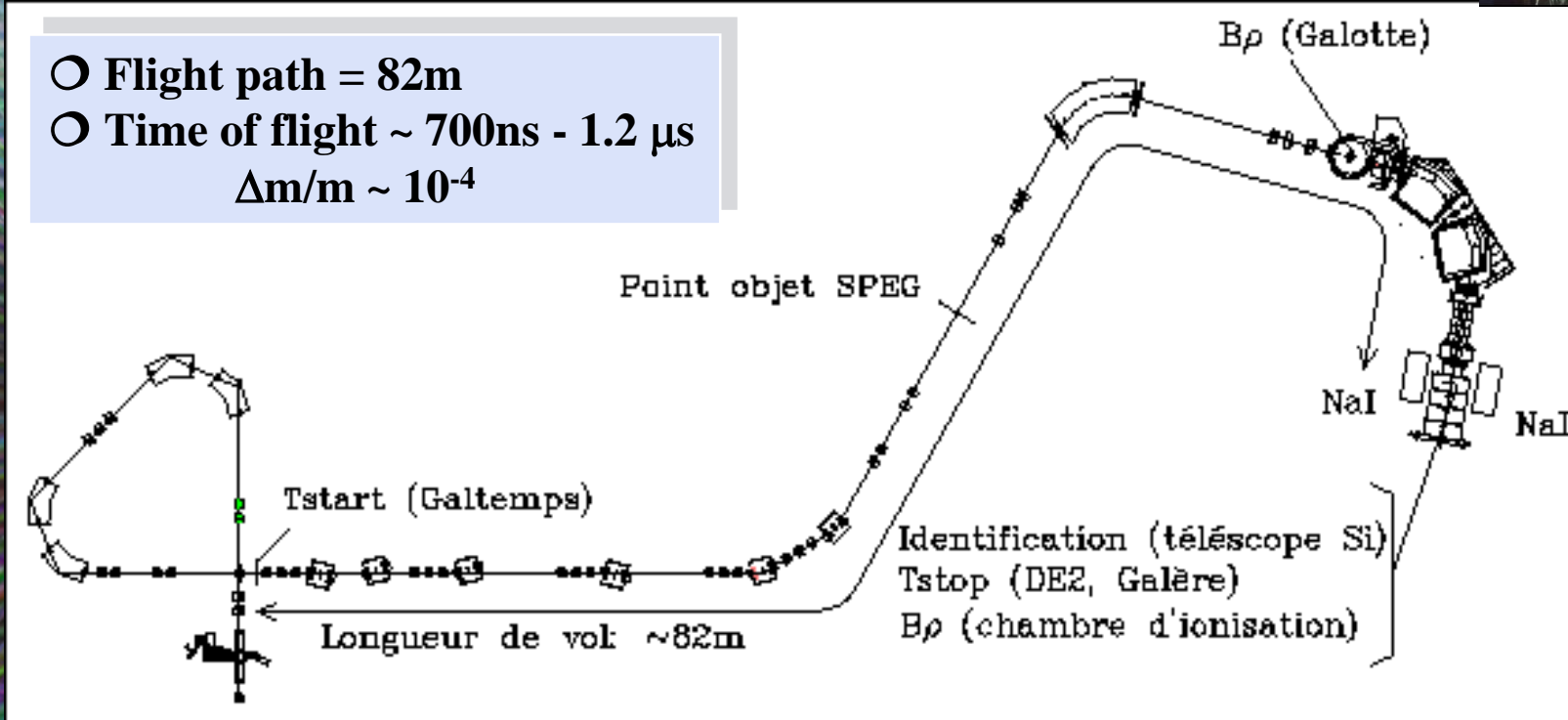


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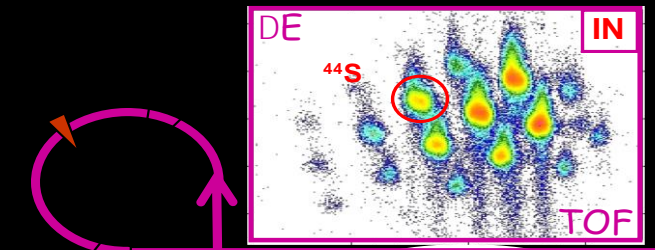
SISSI SPEG

- Flight path = 82m
- Time of flight ~ 700ns - 1.2 μs
- Δm/m ~ 10⁻⁴

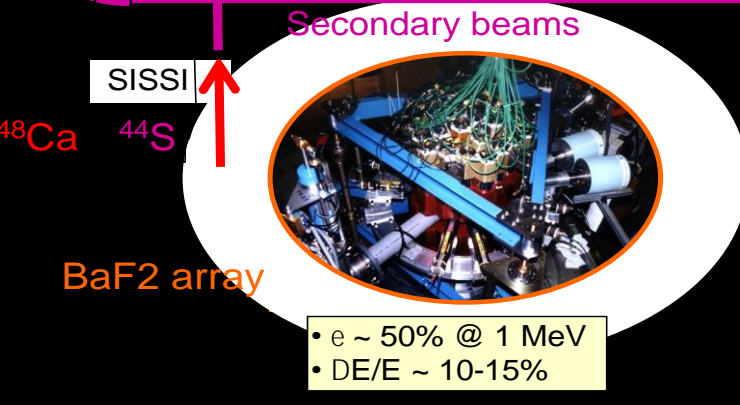
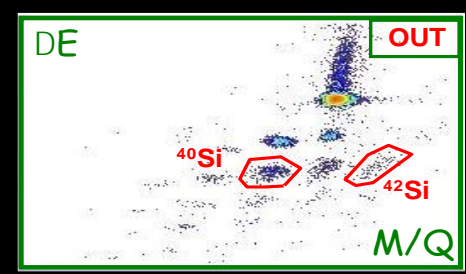


^{48}Ca (>10¹² pps) → ^{44}S (100-150 pps) → $^{42}\text{Si}^*$ (8/day) → $^{42}\text{Si} + \gamma$

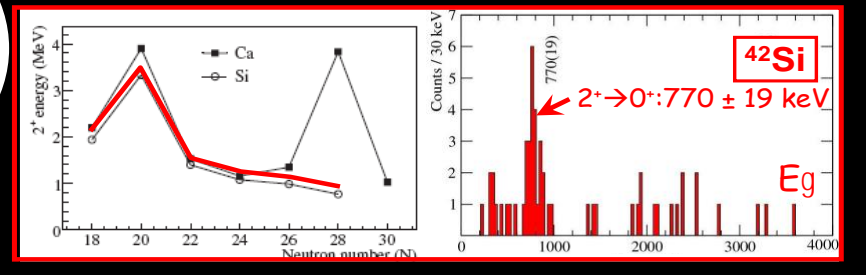
GANIL/SISSI/SPEG



- E~45A.MeV
- 185 mg/cm² Be target

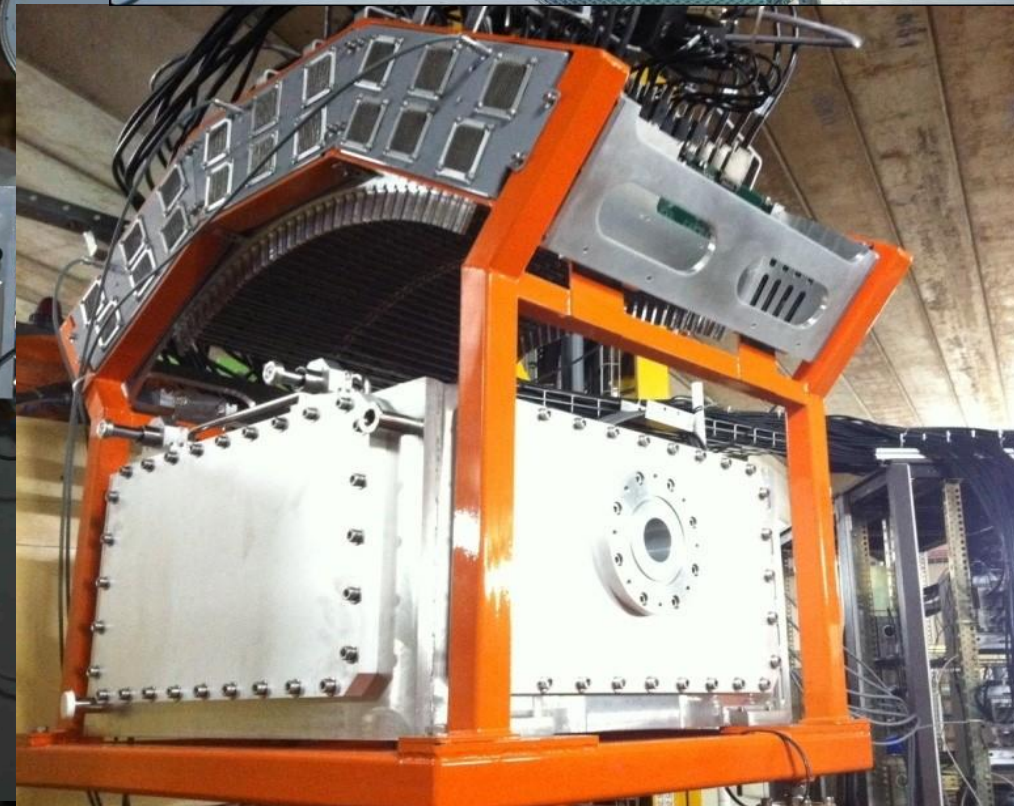
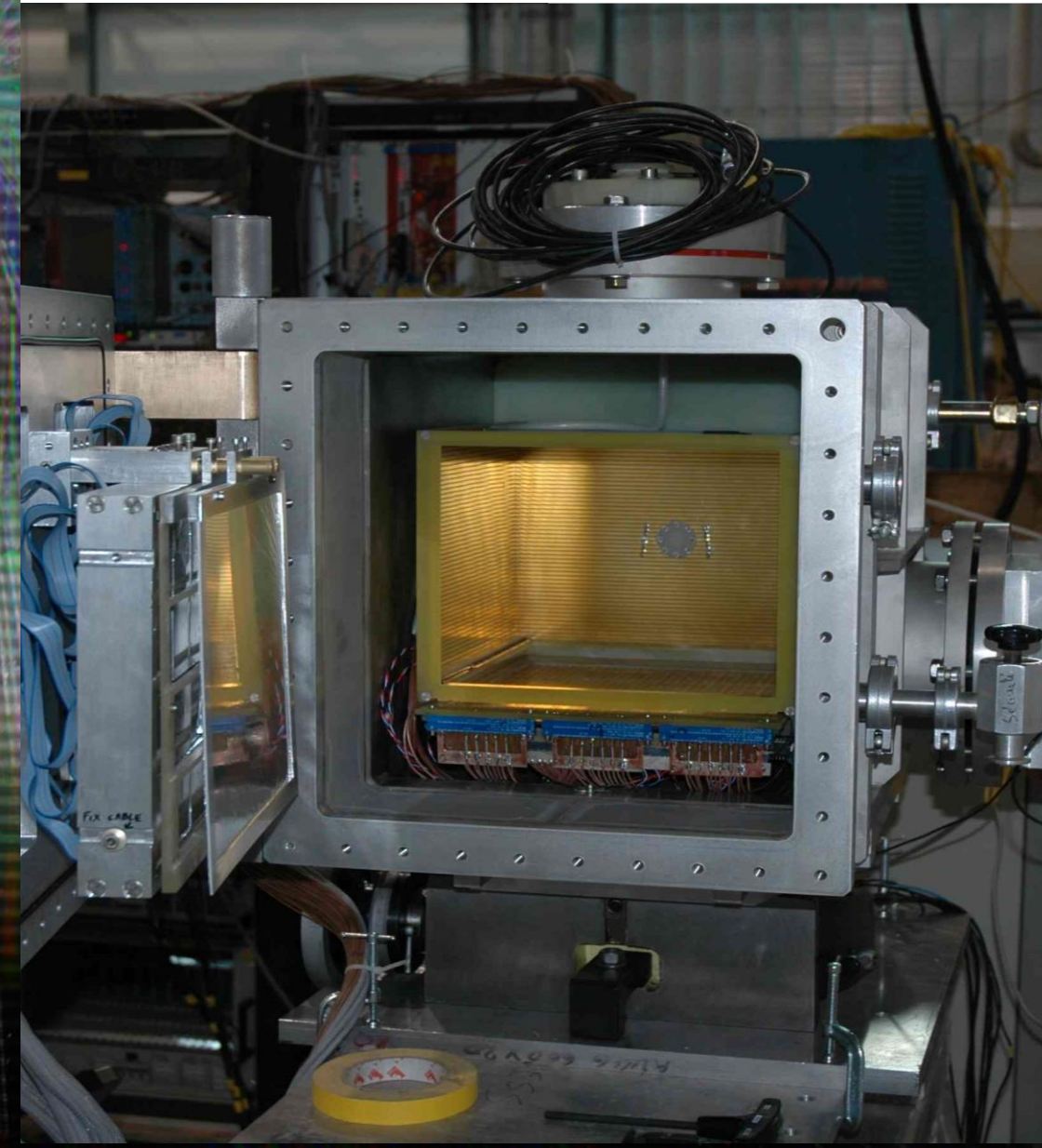
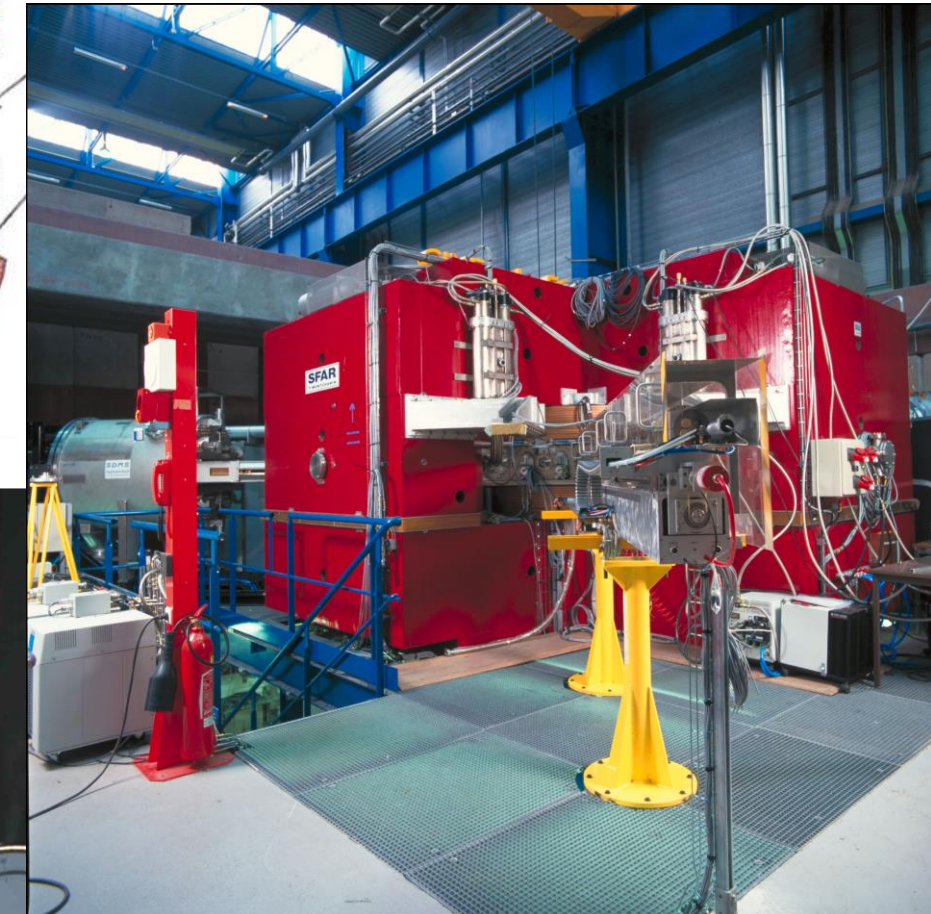
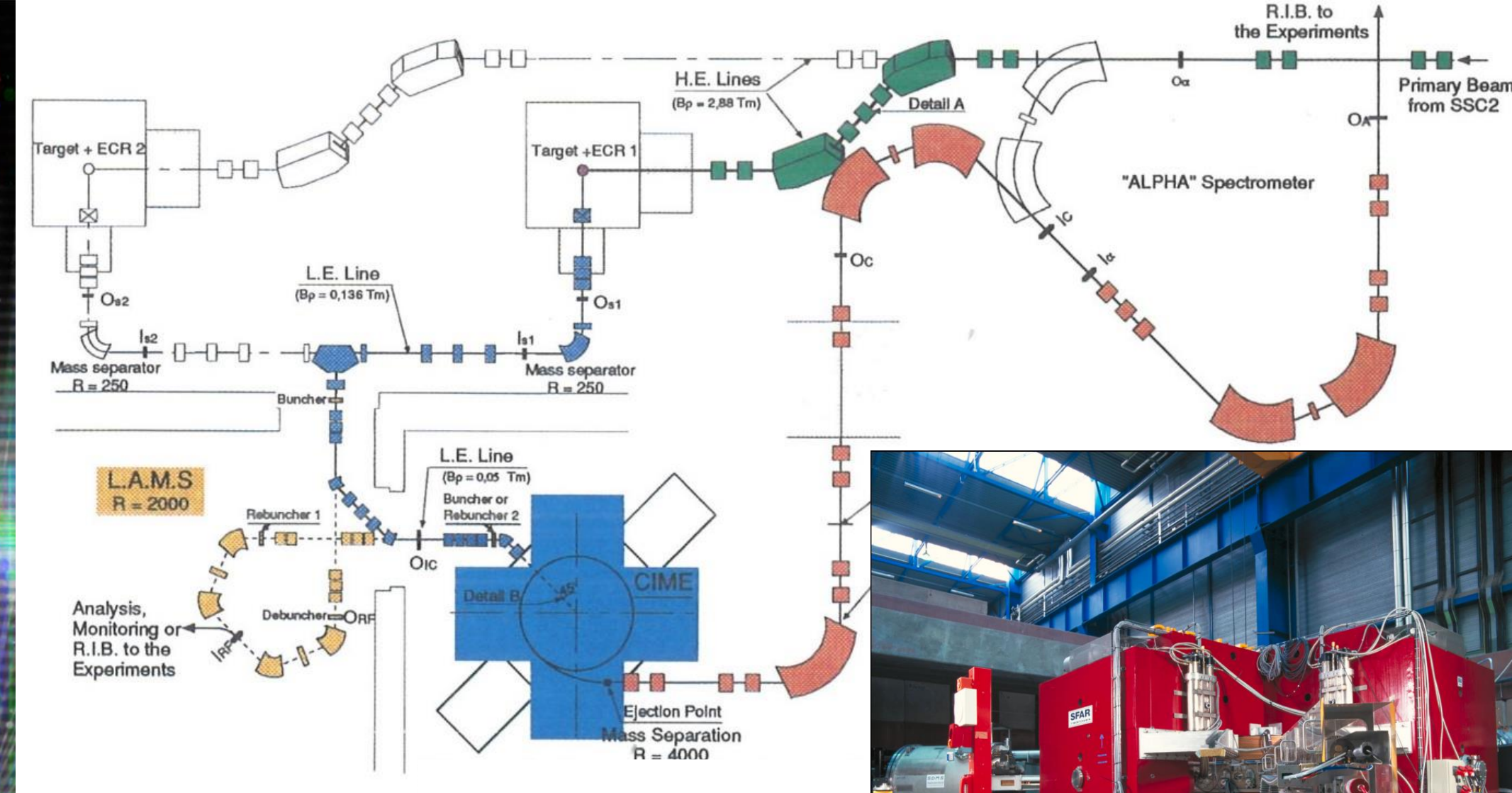


- e ~ 50% @ 1 MeV
- DE/E ~ 10-15%

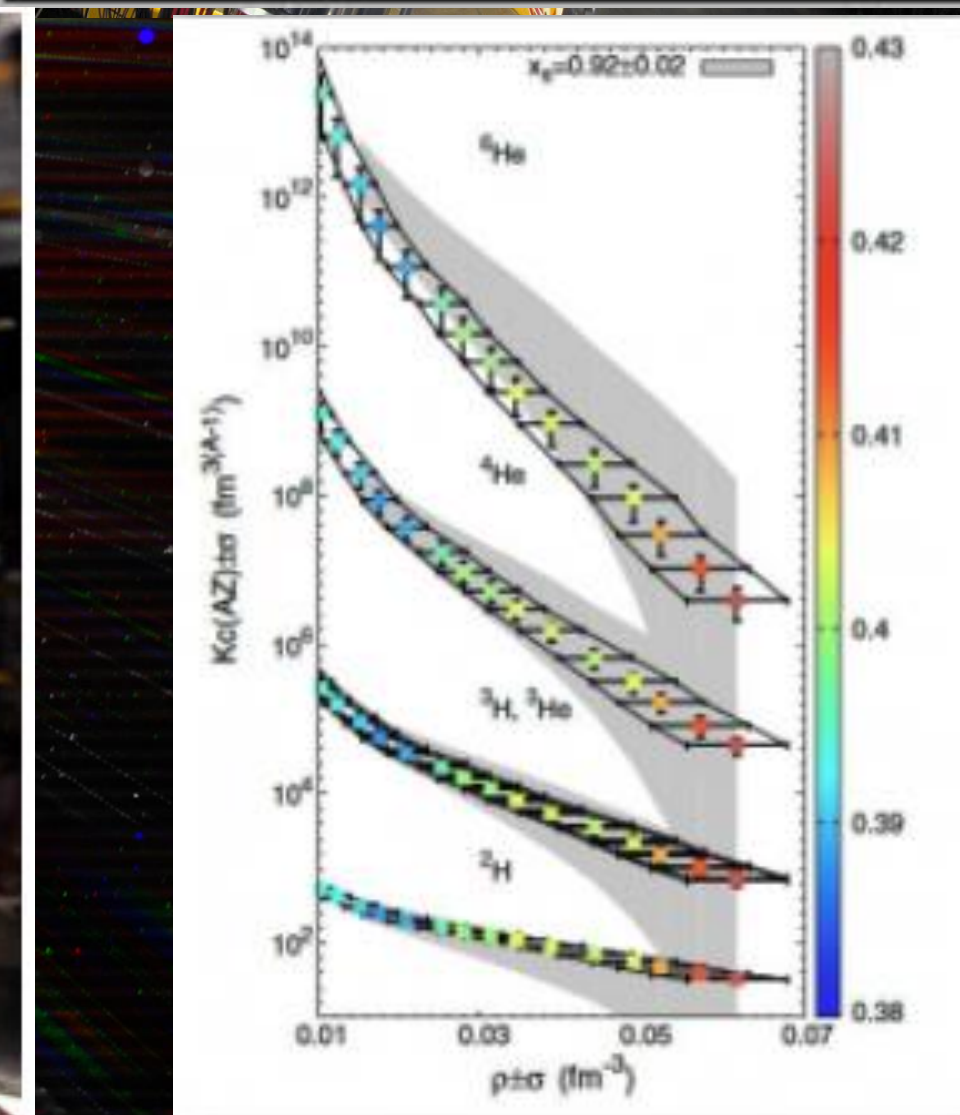
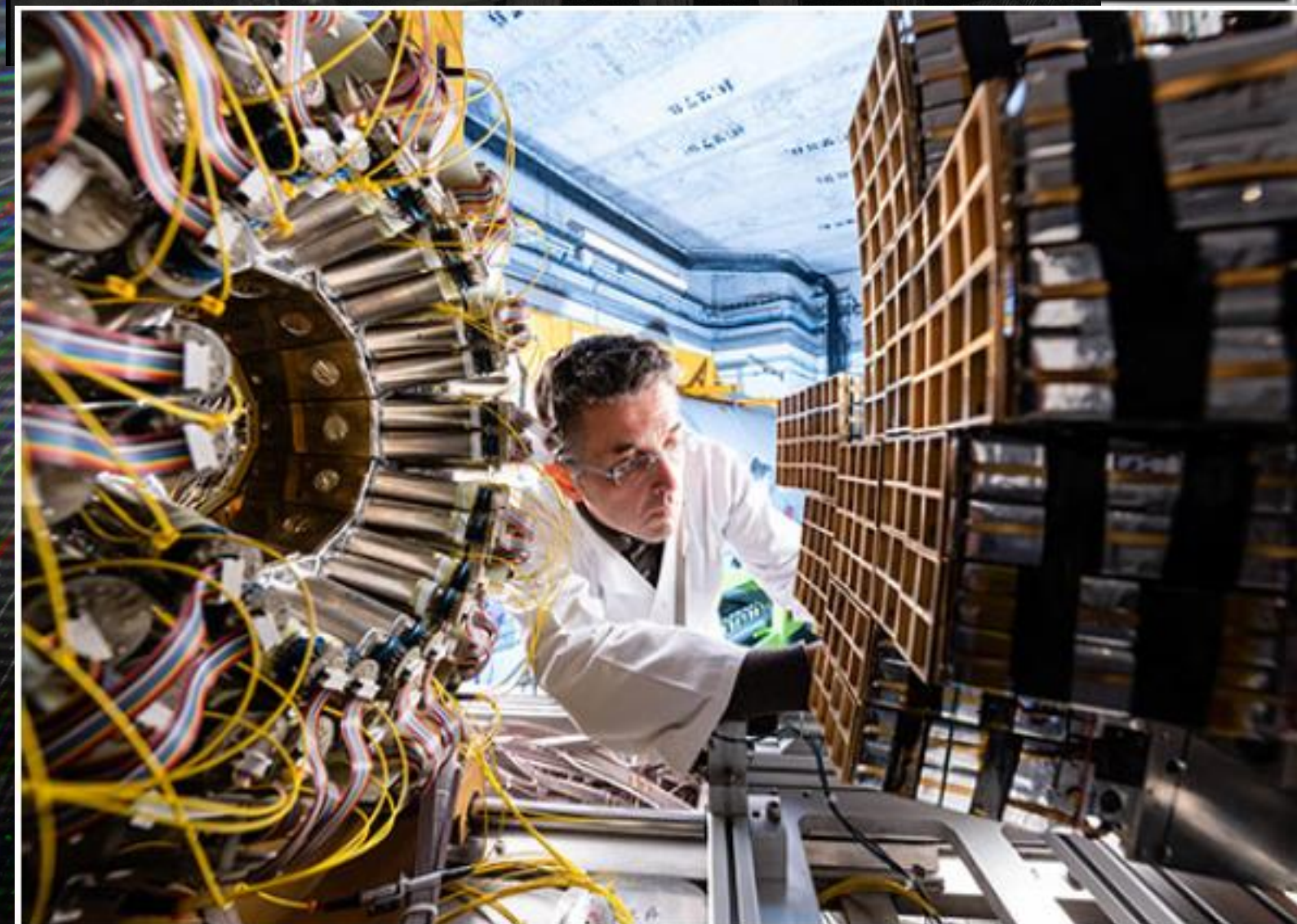
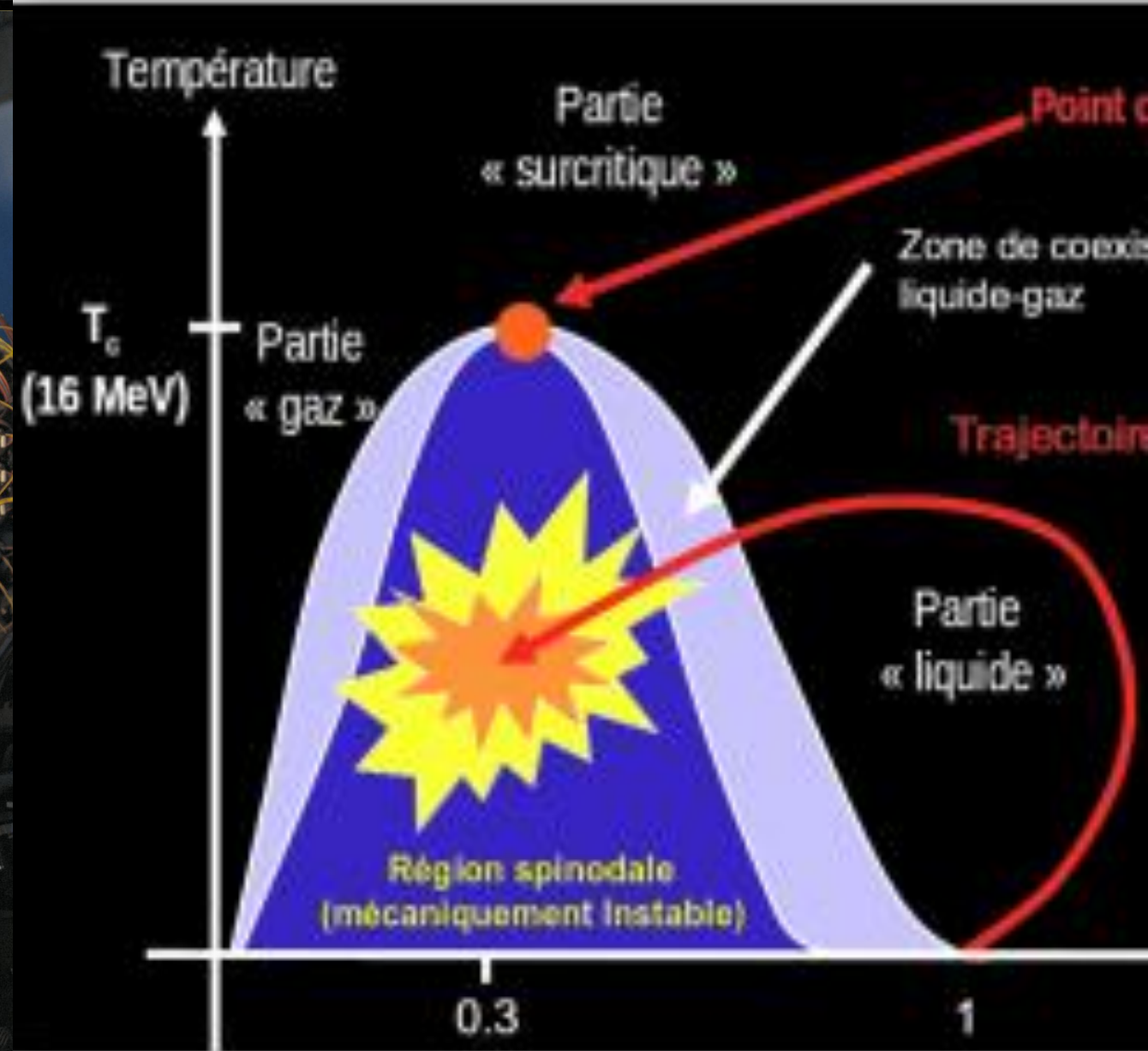
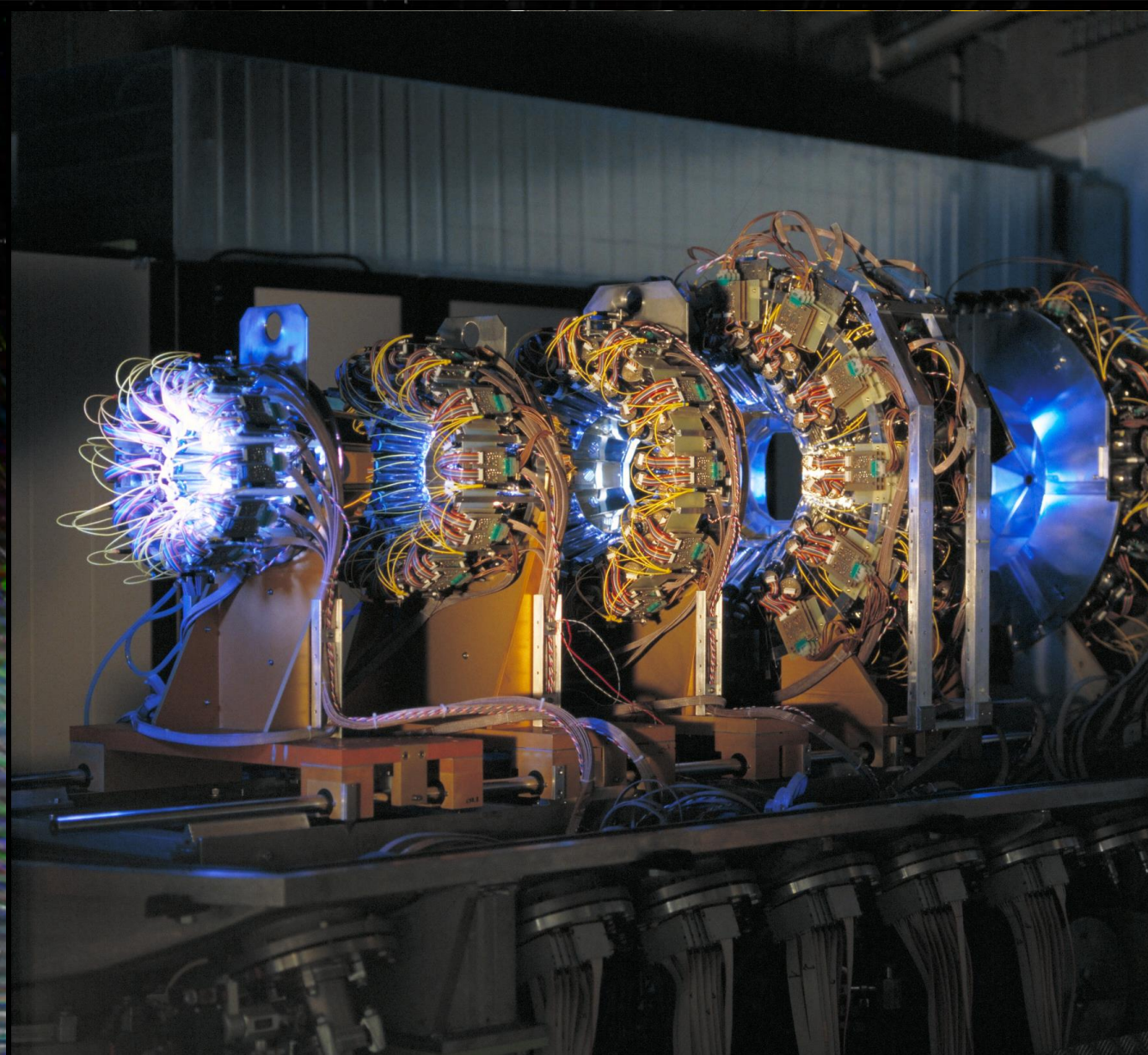


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SPIRAL1

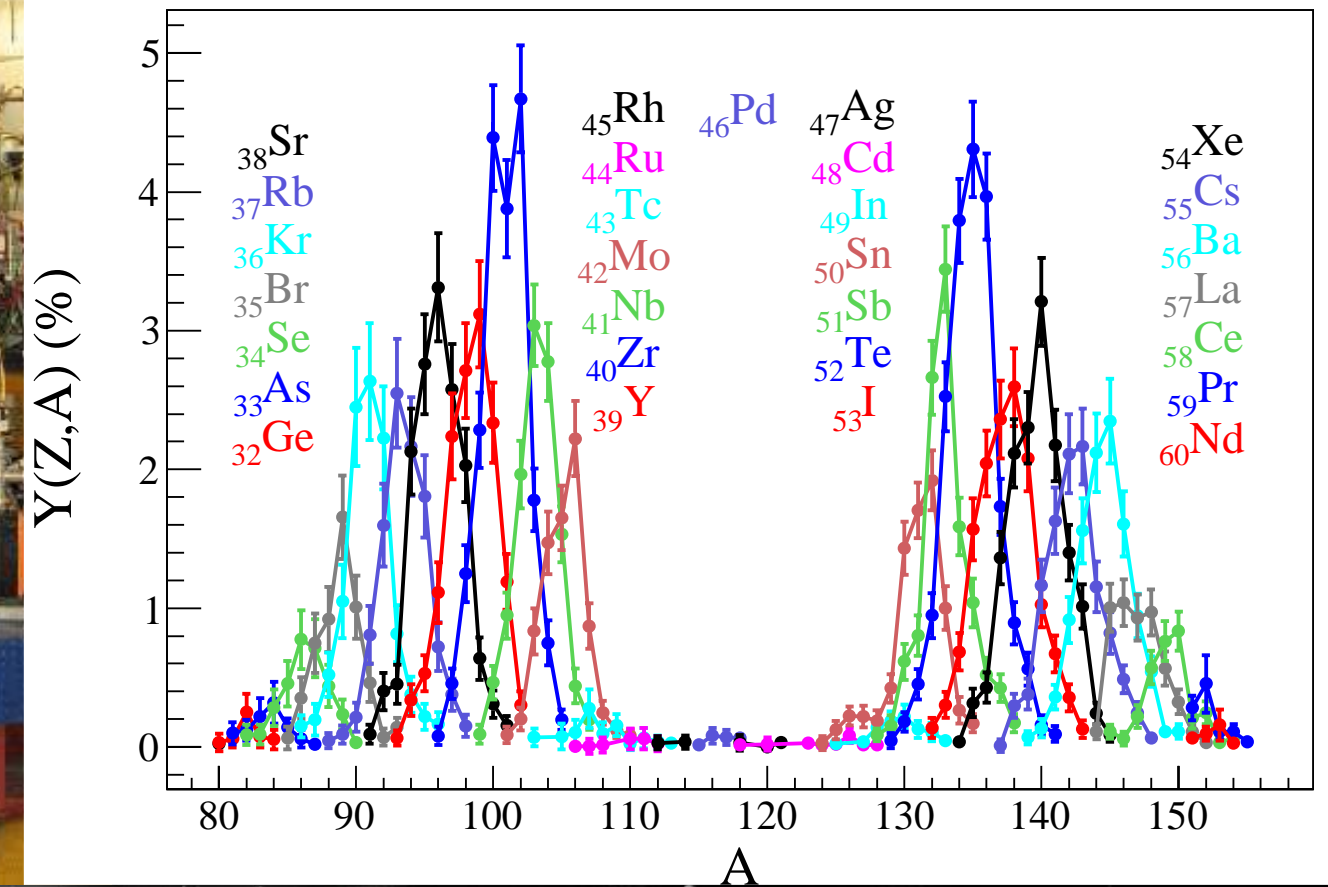


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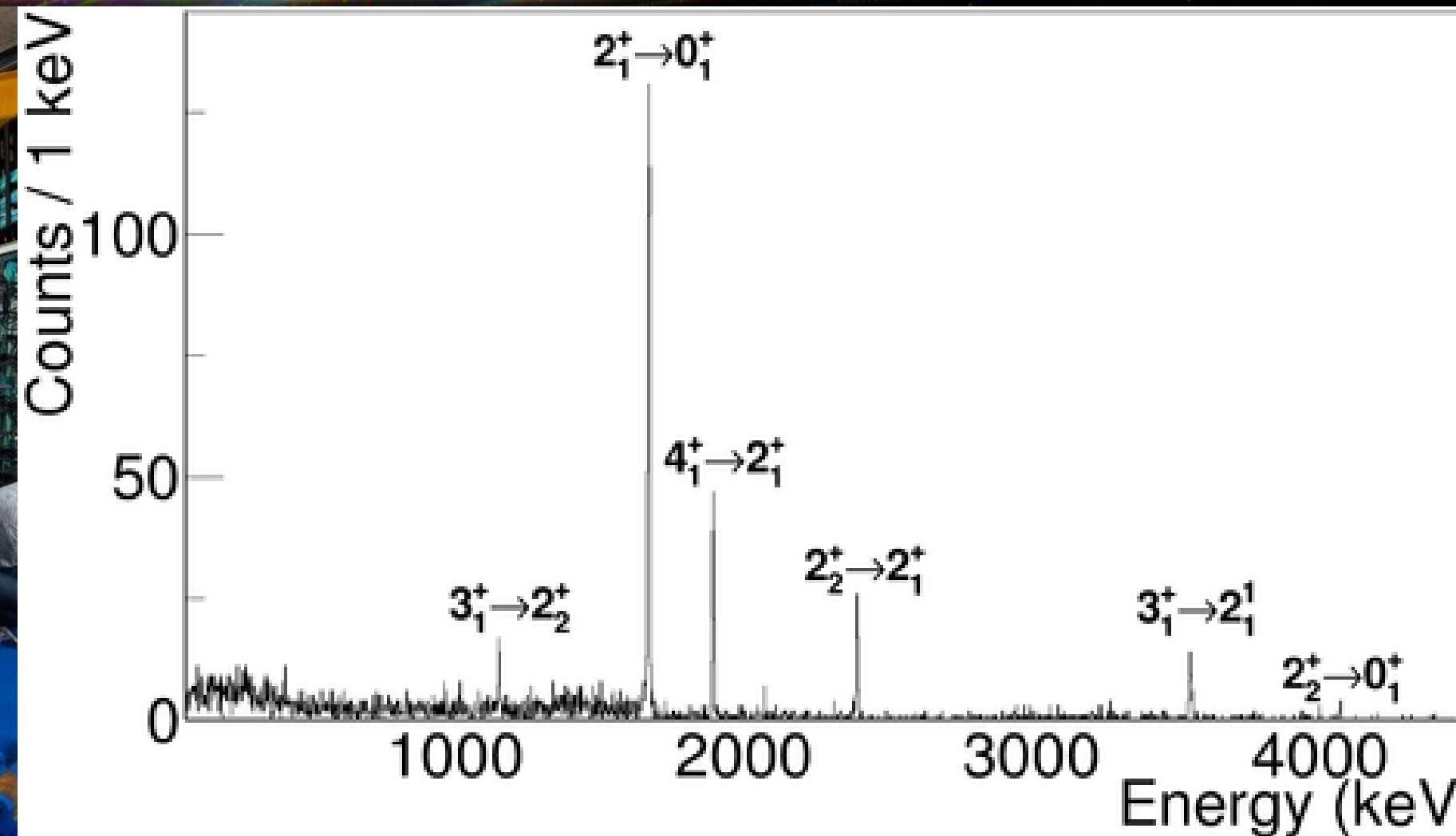
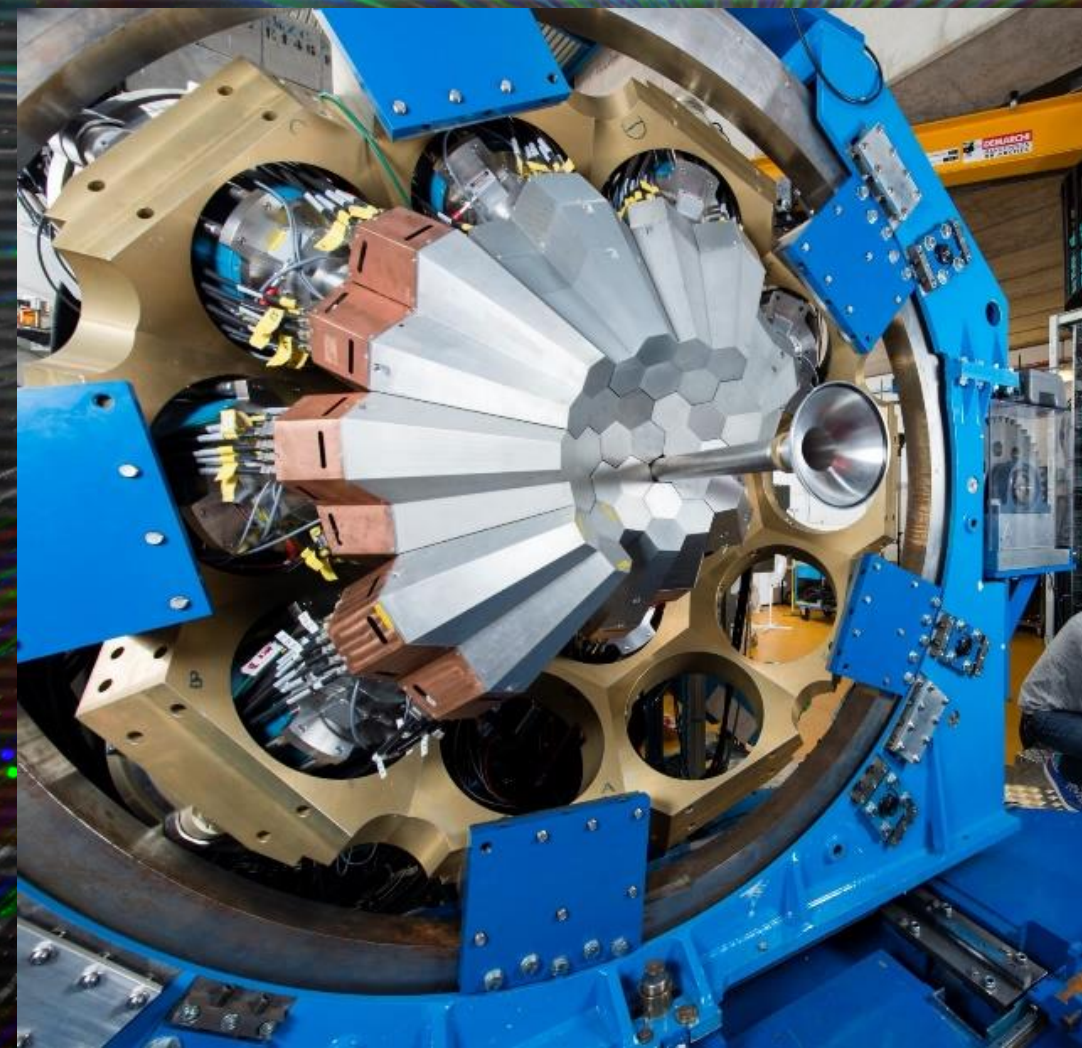


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VAMOS

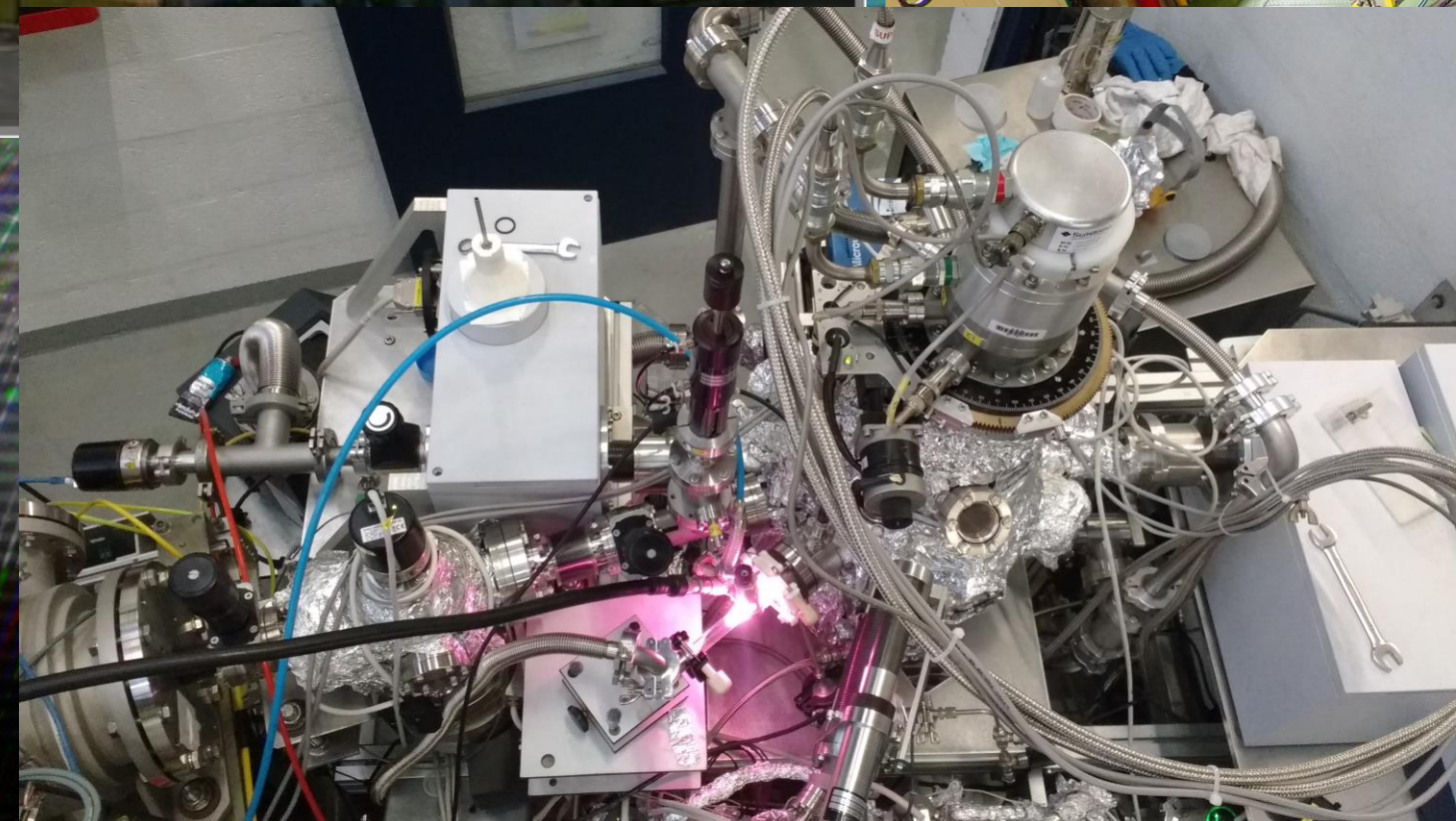
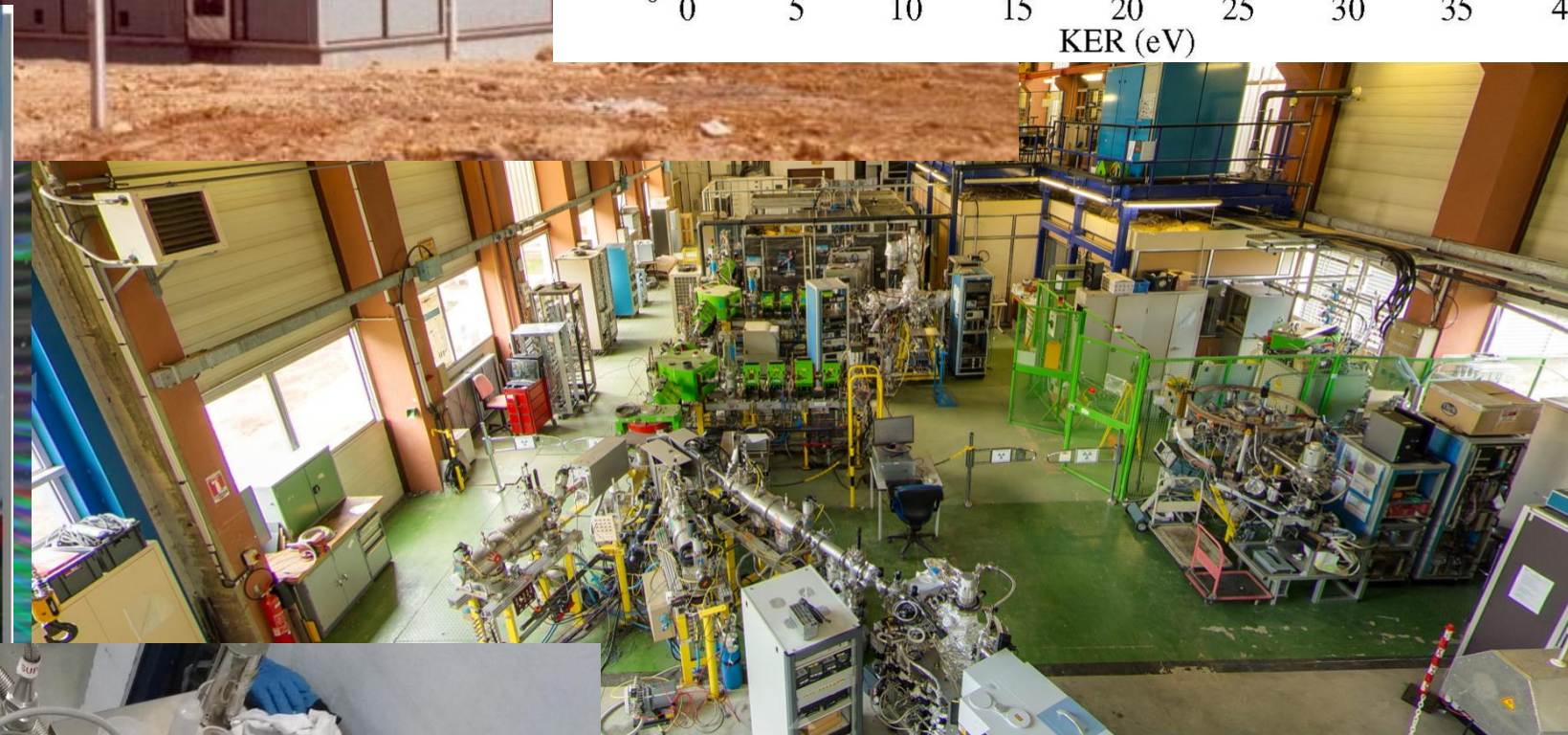
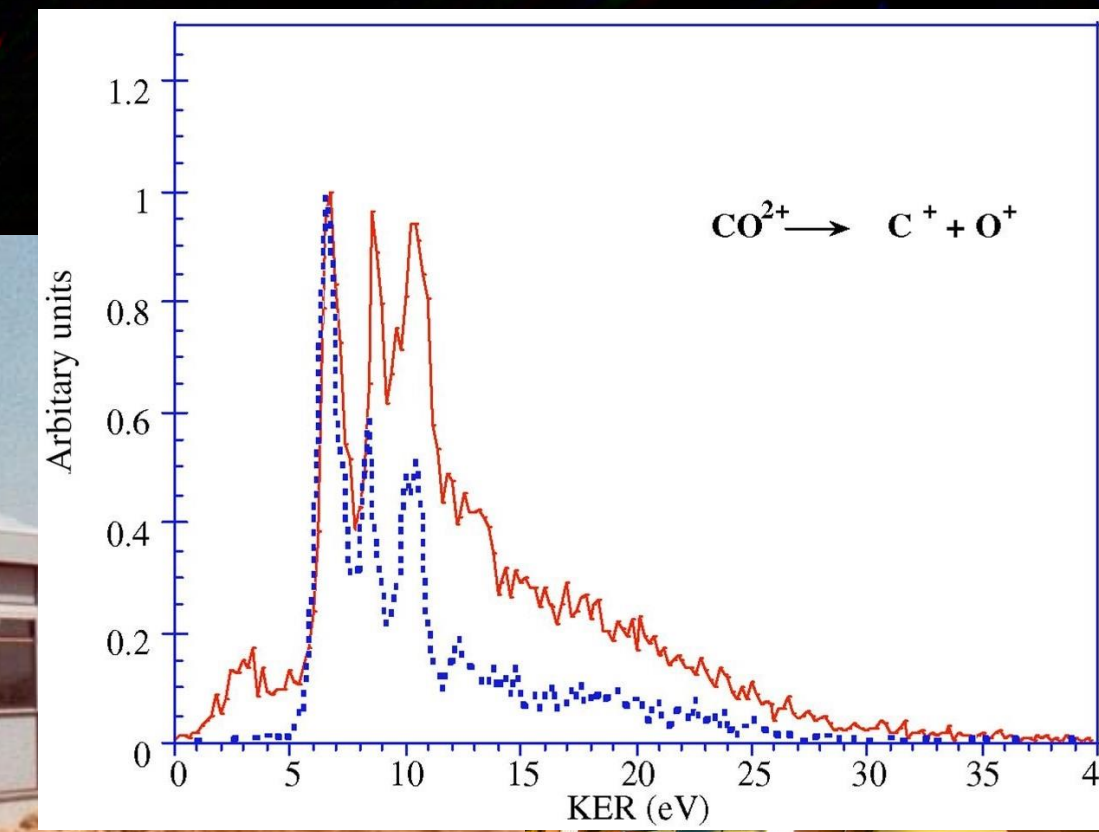
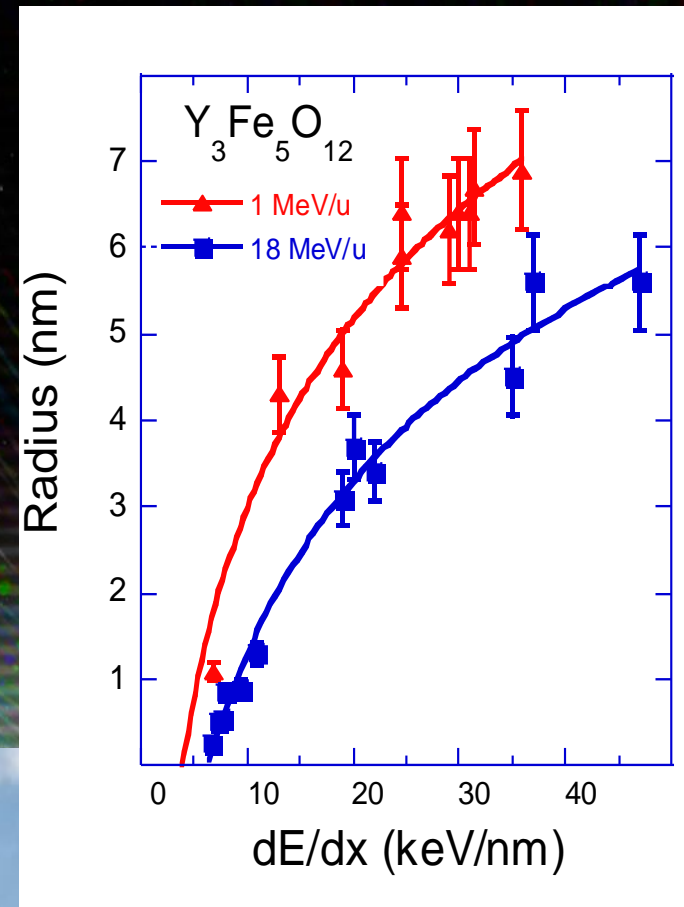


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