

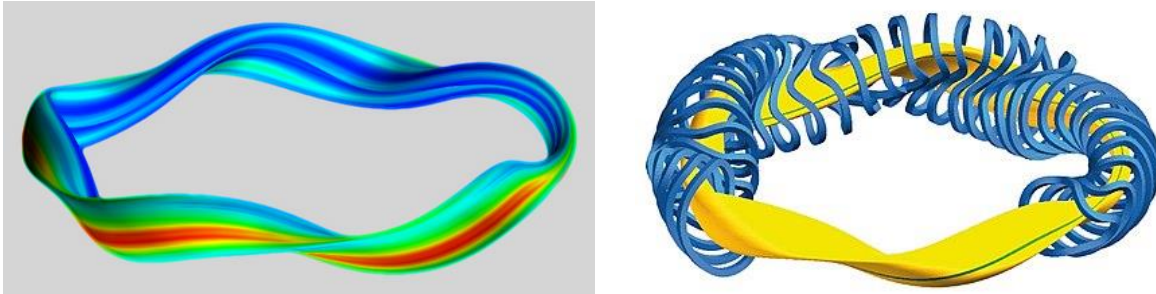
KM3NeT group meeting

Lodewijk Nauta

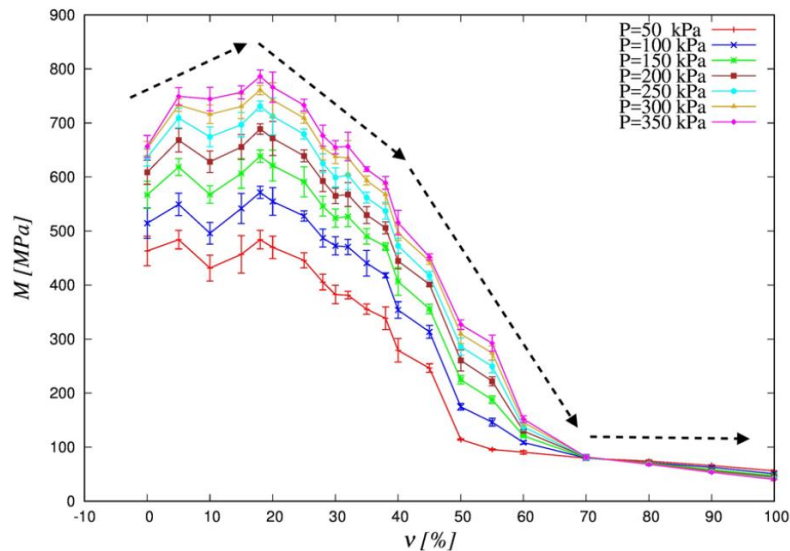
Nikhef

2020-01-23

Veldhoven

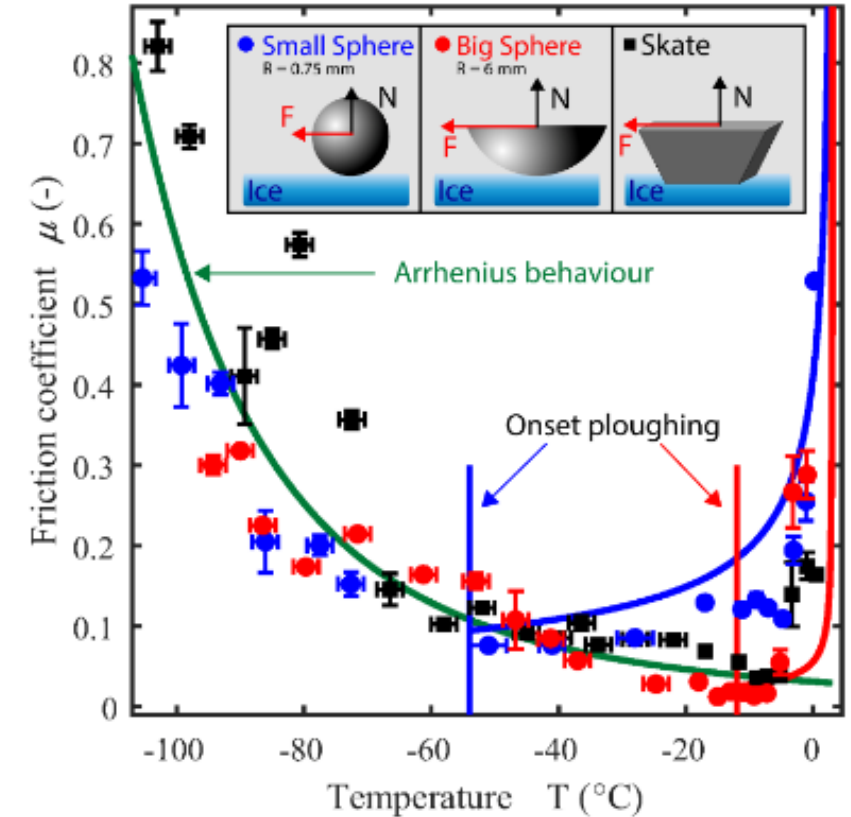


Stellarator: alternative to the tokamak (donut shape) fusion reactor. B-field prevents particles from transversely escaping. Problem: making the coils

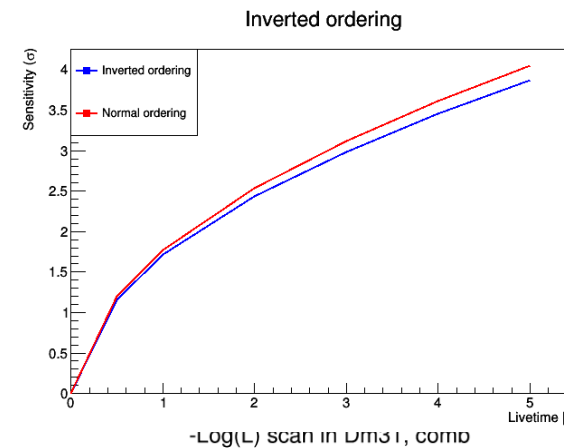
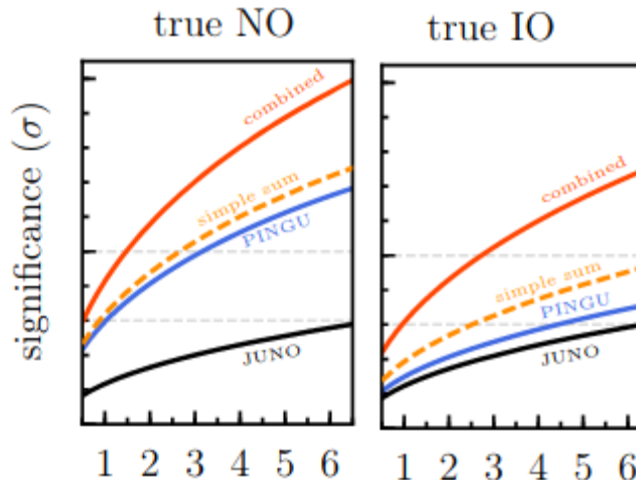


Stress in mixing glass and rubber balls: glass response depends on pressure, rubber dominates from 70% random mixture onward.

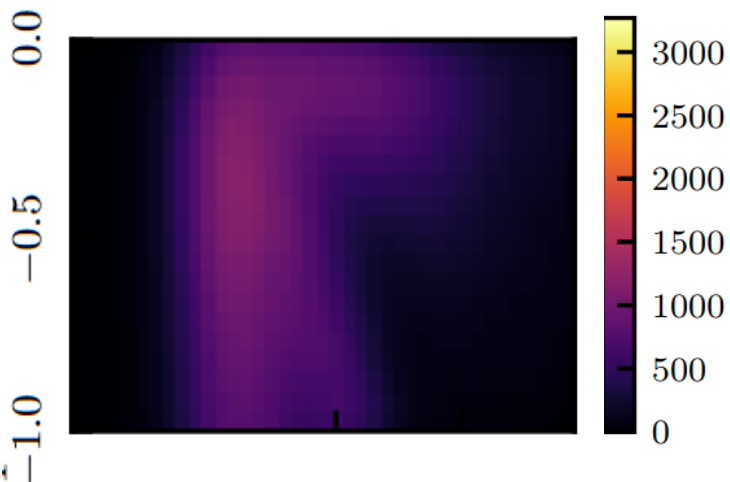
Ice skating: best done at -7C



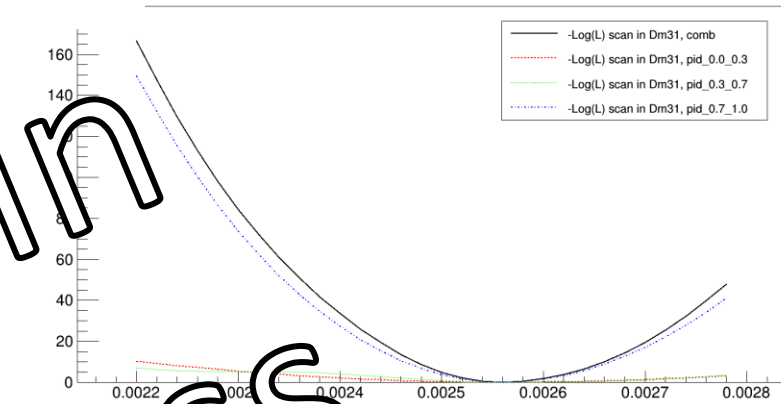
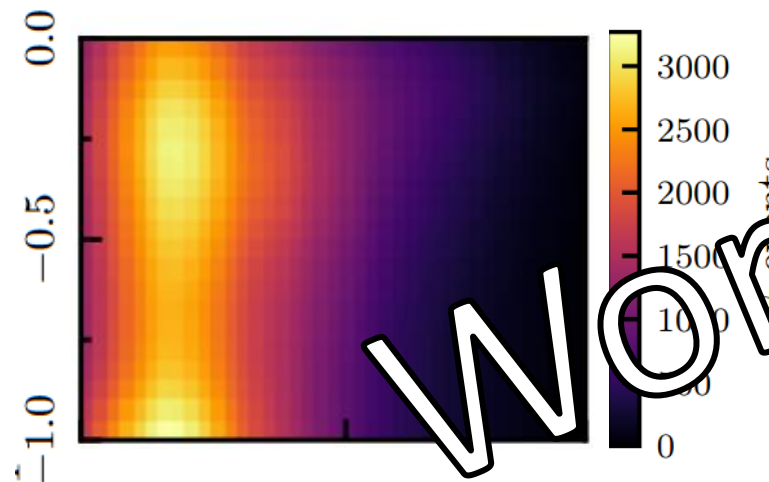
After JUNO/PINGU paper



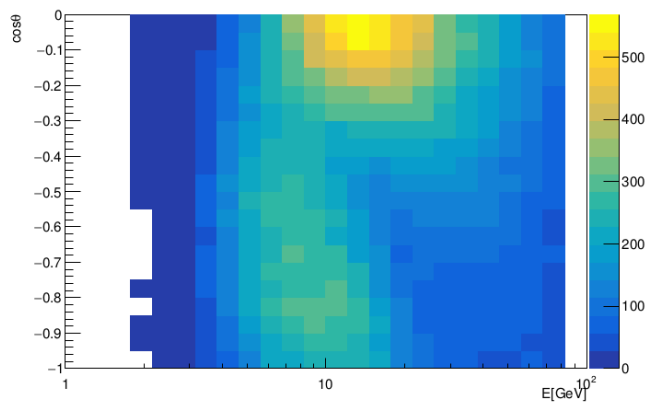
Tracks



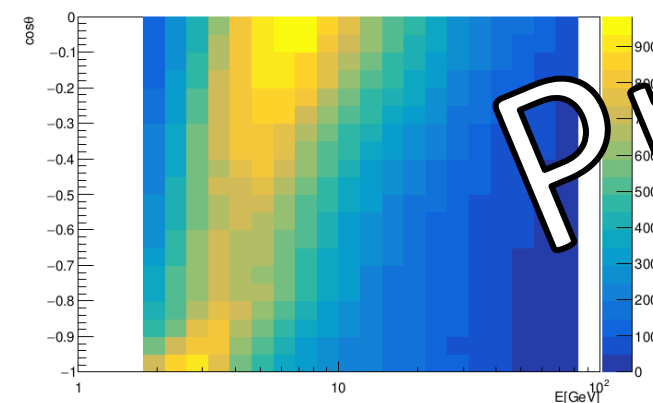
Showers



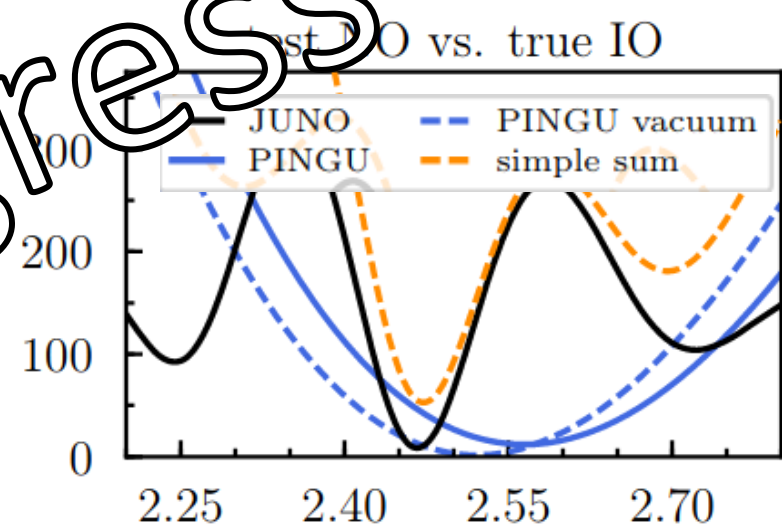
Event distribution tracks (Asimov data)



Event distribution showers (Asimov data)



Work in Progress



Data on nikhef network

- /data/km3net is online and contains 30T of clean space
- You have to request access at helpdesk@nikhef.nl for now

- A new user group was created: antaresdm (data management)
- All phd, postdoc and staff are in this group
- /dcache/antares/detector_data is read+write for this group
- This is long term write once storage
- All detector output from /data/antares/users/public_student_data/sea is moved here
- ONLY TO BE USED FOR DETECTOR OUTPUT