FNS/P7-22 - Summary

- Energy distributions of $D(D,n)He^3$ and $T(D,n)He^4$ fusion neutrons for a variety of suprathermal distributions of fuel nuclei have been calculated using two different algorithms.

- Verification of the obtained results has been successfully performed by four methods.

- The results may be used in the framework of the research and development activities towards a demonstration fusion neutron source DEMO-FNS and for the interpretation of diagnostic data in neutron spectrometry.