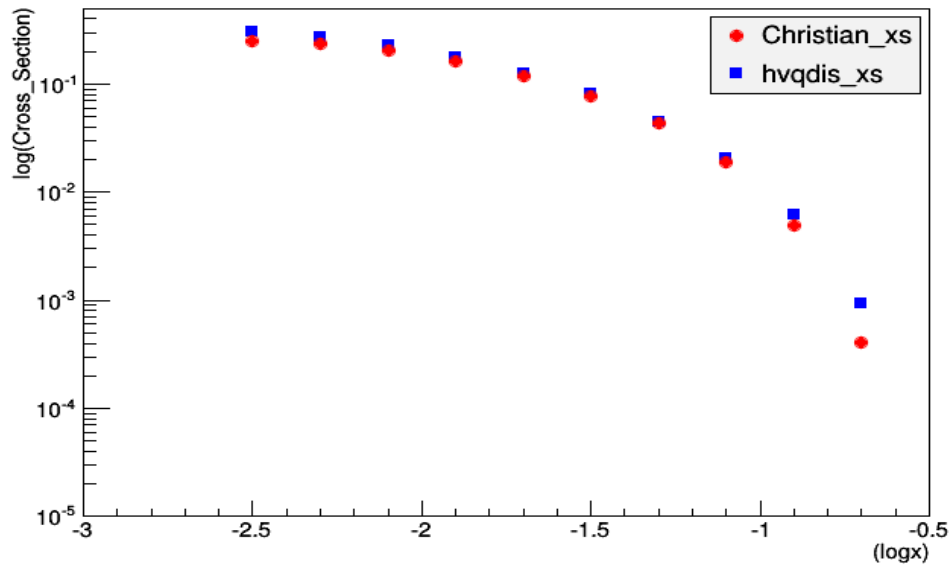


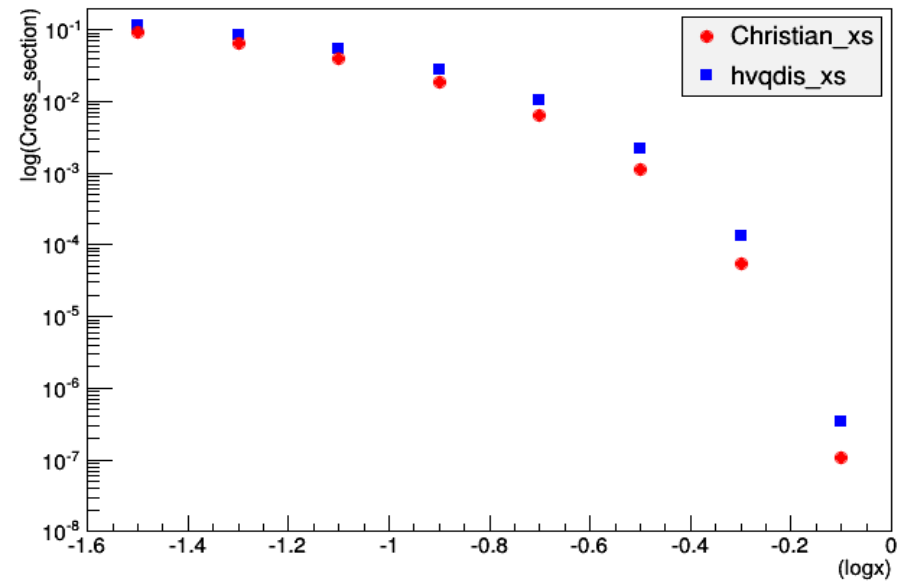
HVQDIS vs numerical integration

setup1



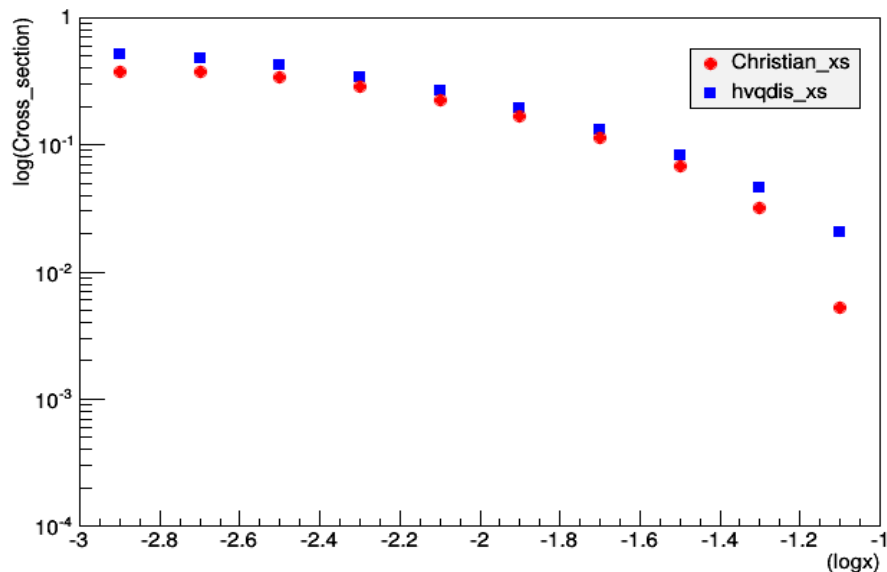
SeN = 4000, Q2 [5,10]

setup2



SeN = 4000, Q2 [20, 100]

setup3



SeN = 10. 000, Q2 [5,10]

- Overall agreement very reasonable
- 20-30% mostly, up to factor 2 at large Q2 (ignore $x \rightarrow 1$)
- Approximations: Partonic kinematics, phase space integration?
- Sufficient for rate estimates