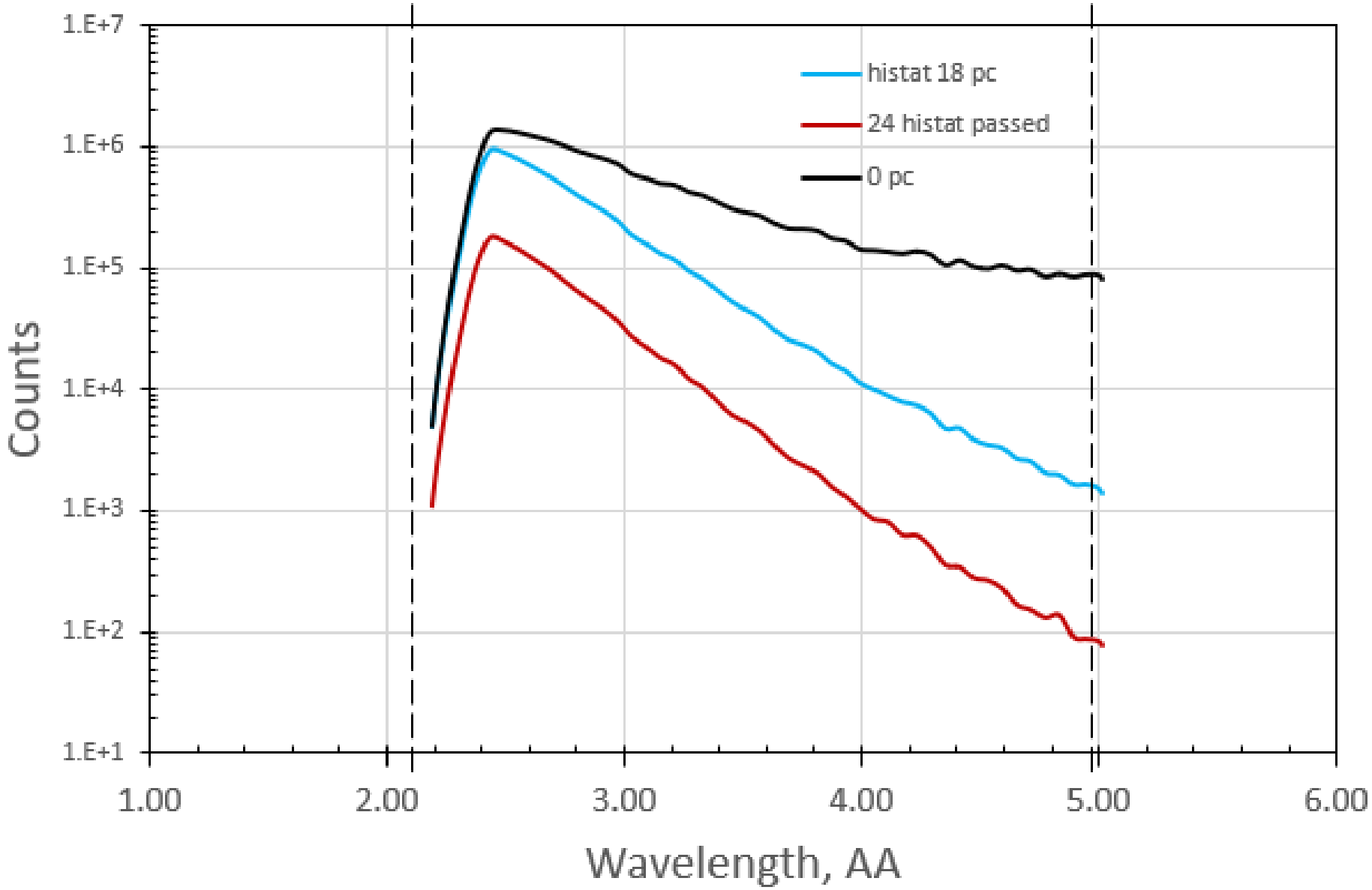
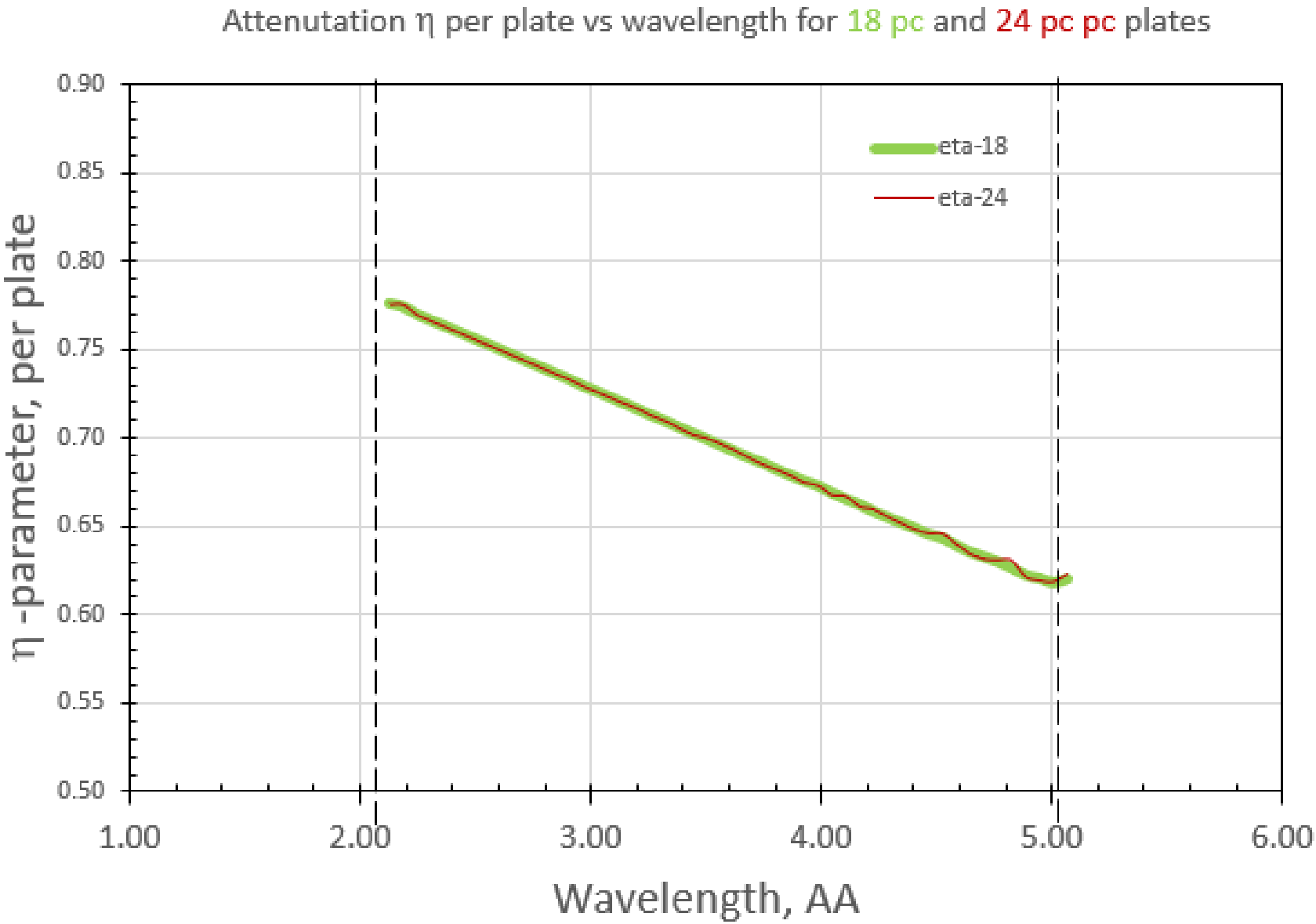
Small update on simulation

While waiting for new simulations from Lawrence > June 3

Yuri Kamyshkov
kamyshkov@utk.edu

PHITS: wavelength spectra for prompt passing neutrons
after **0 pc**, 18 pc and 24 pc plates



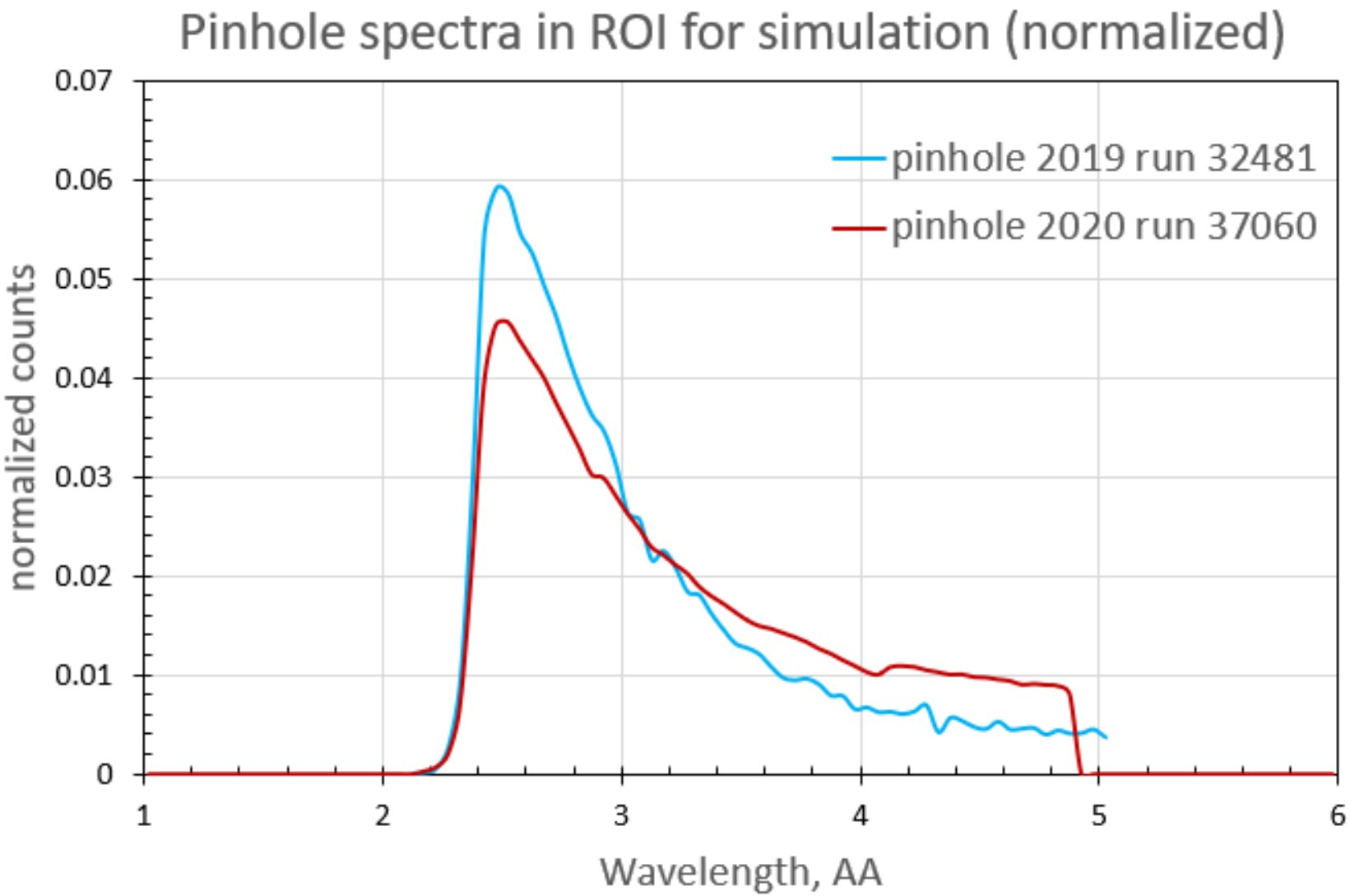


$$N_k(\lambda) = F_0\eta(\lambda)^k$$

$$\eta(\lambda) = \left(\frac{N_{18}(\lambda)}{N_0(\lambda)}\right)^{1/k}$$

$\eta(\lambda)$=0.8879−9.91 × 10^{-6} × TOF =
= 0.8879 − 0.05258 × λ

Mike Kline:
$\eta(\lambda)$=0.897−10.5 × 10^{-6} × TOF



← currently in PHITS