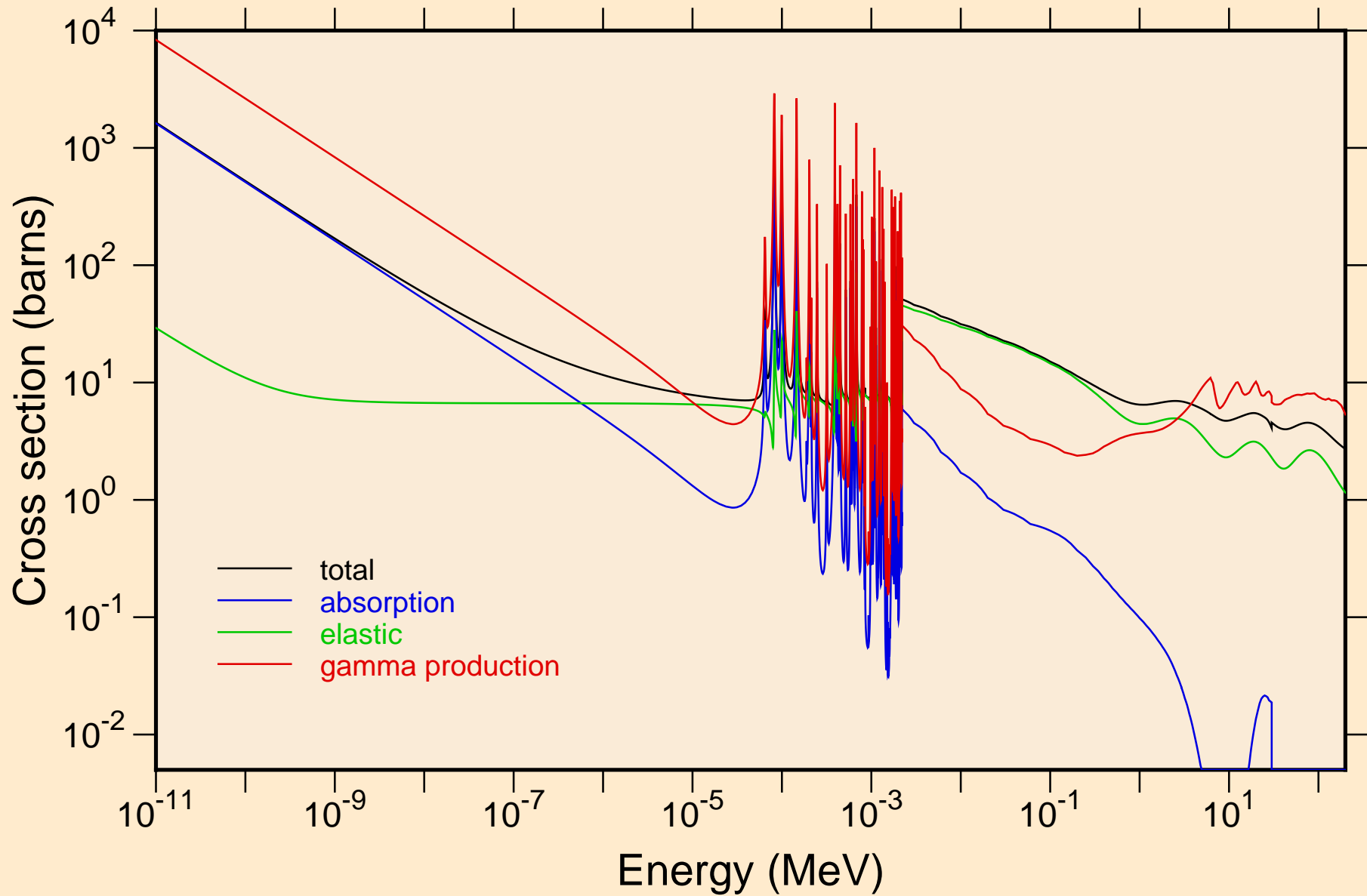
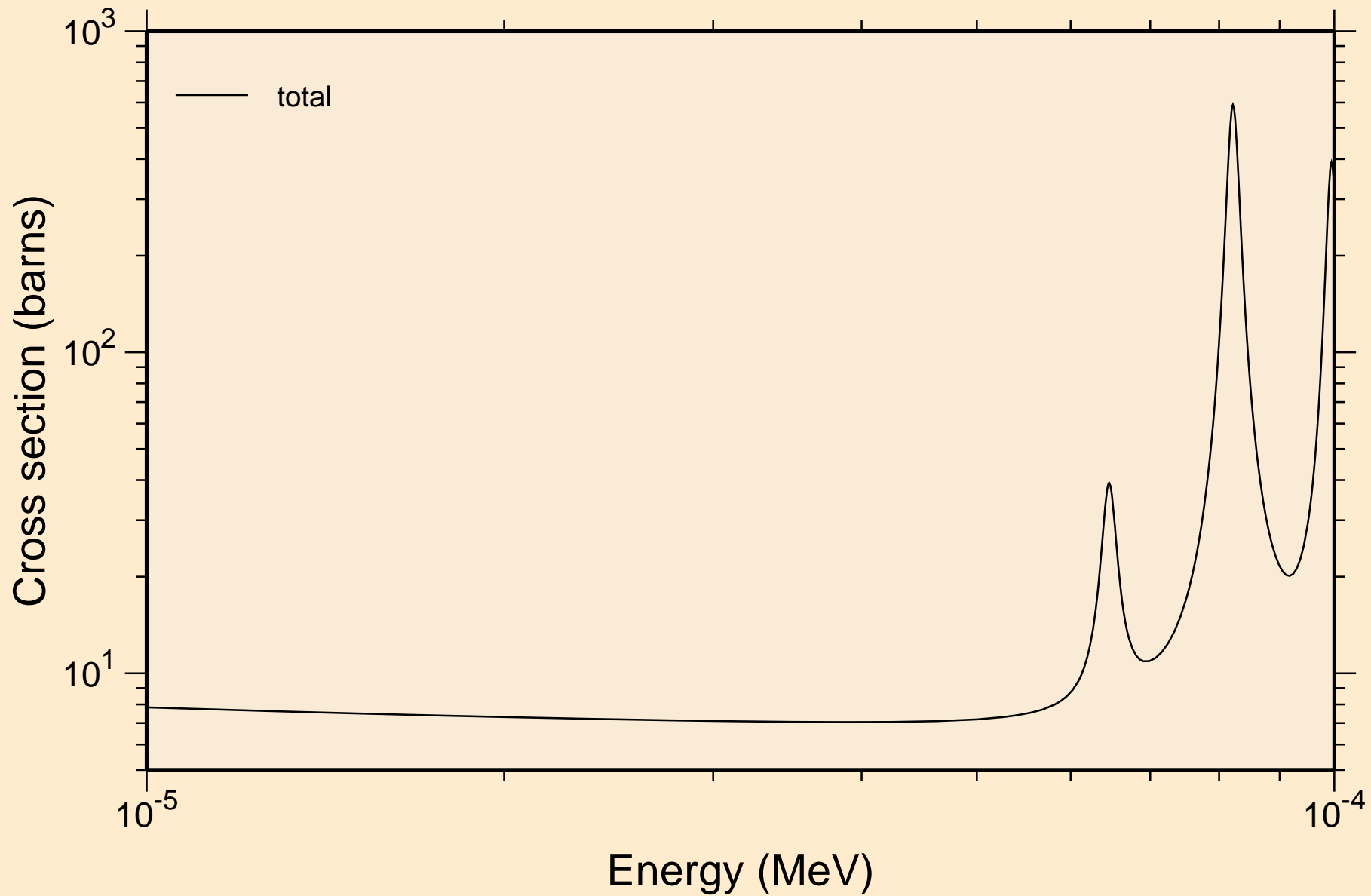


# LU181 NRG TENDL-2015, AKONING

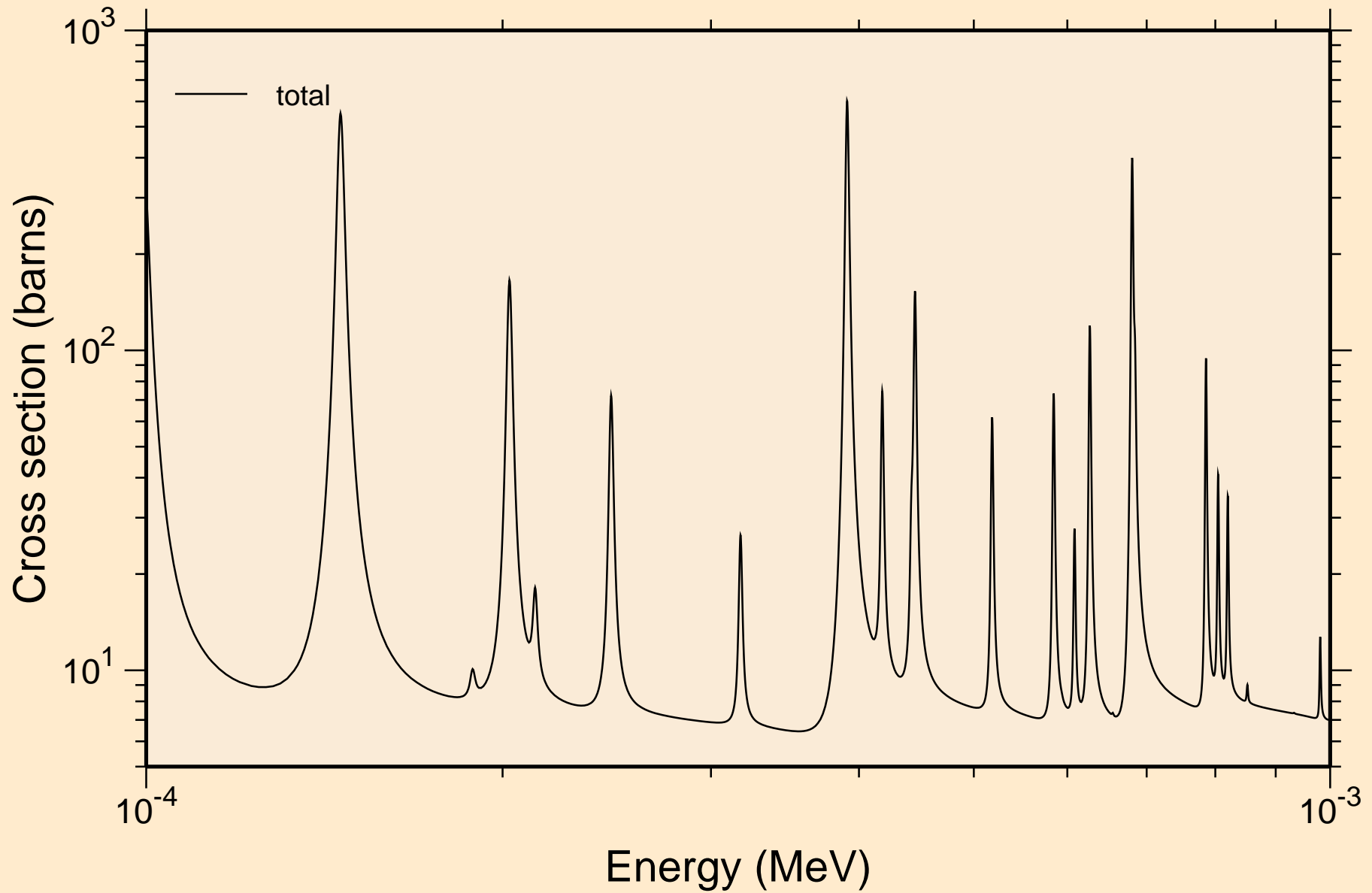
## Principal cross sections



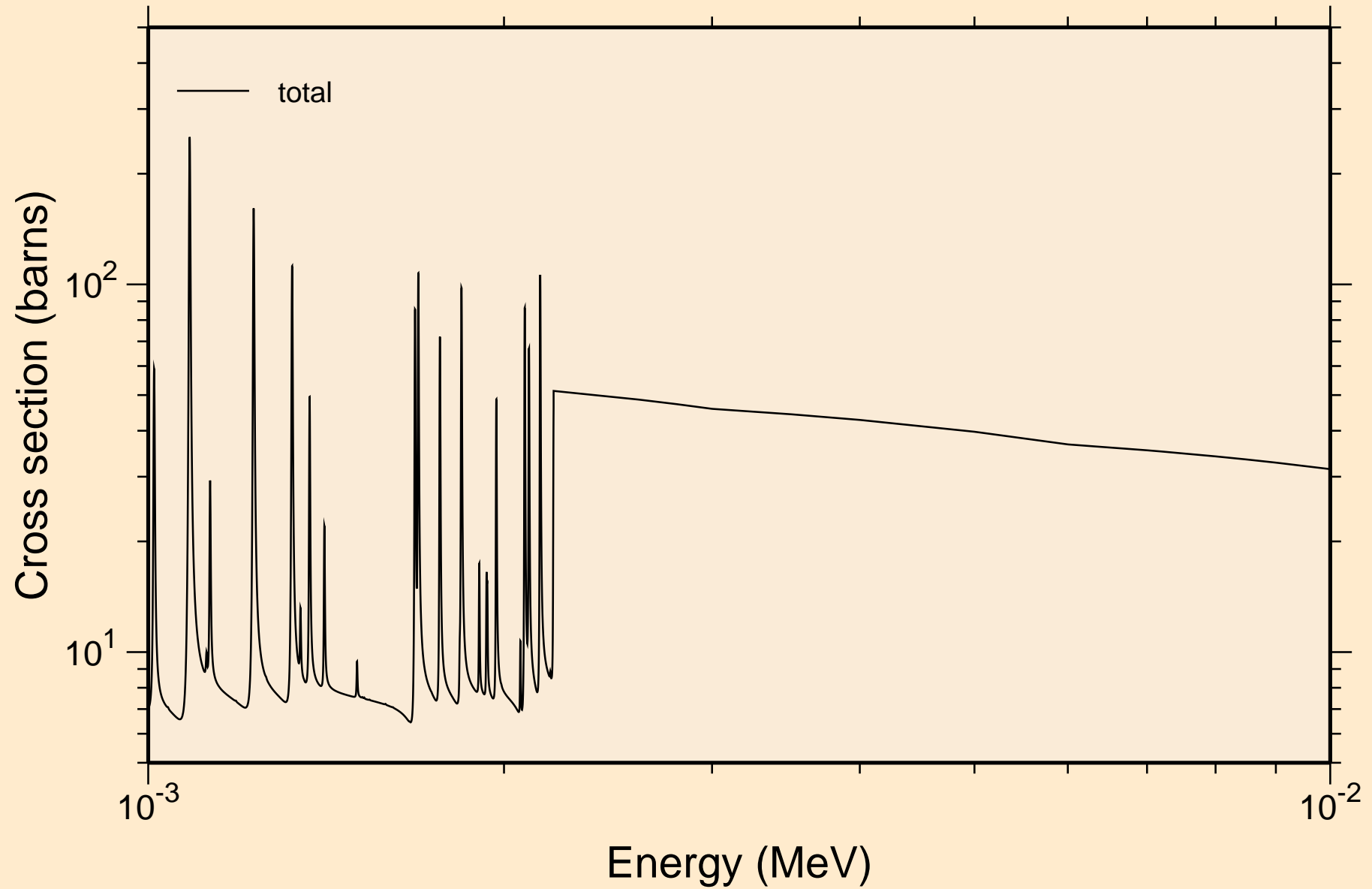
LU181 NRG TENDL-2015, AKONING  
resonance total cross section



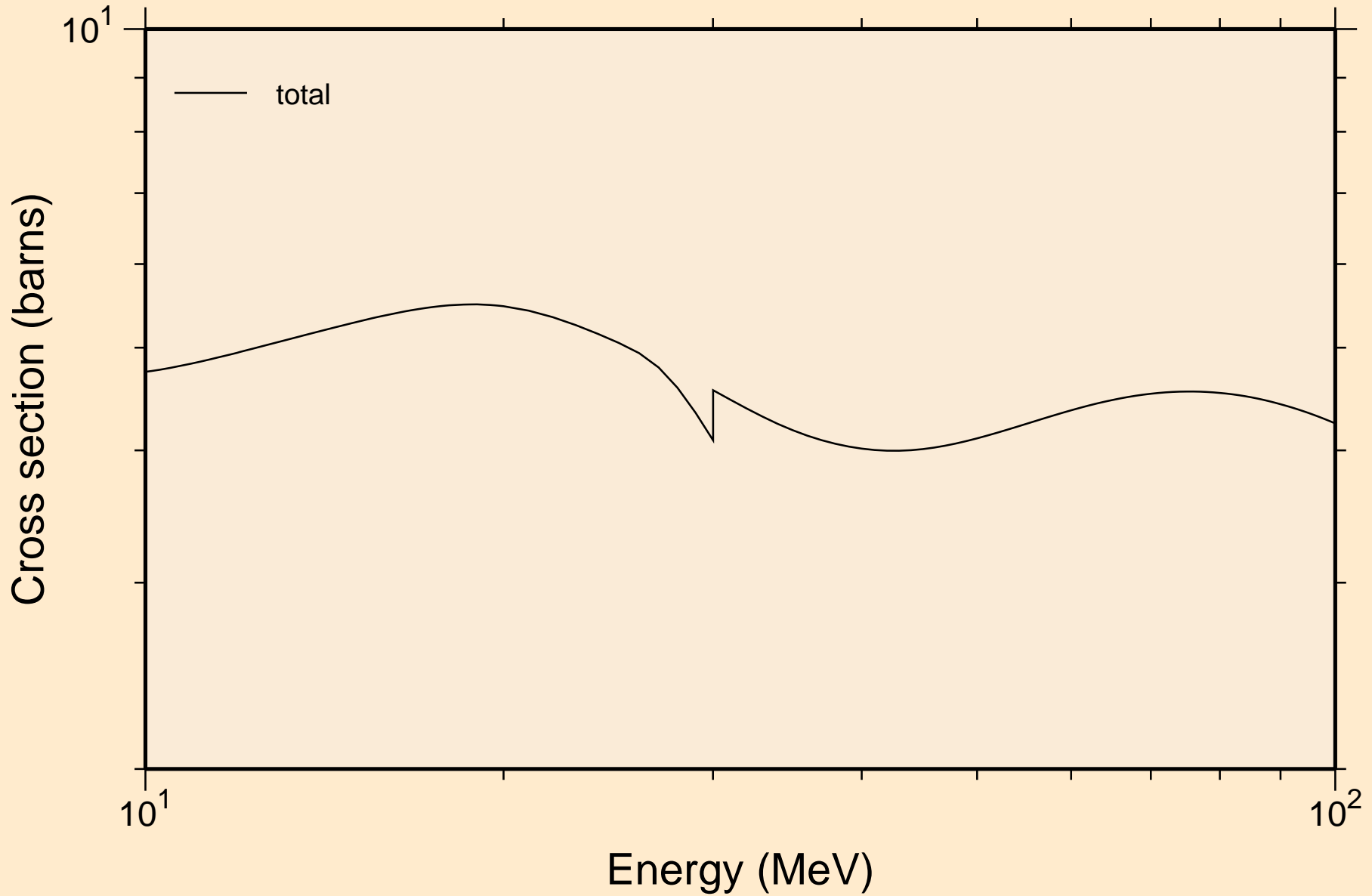
LU181 NRG TENDL-2015, AKONING  
resonance total cross section



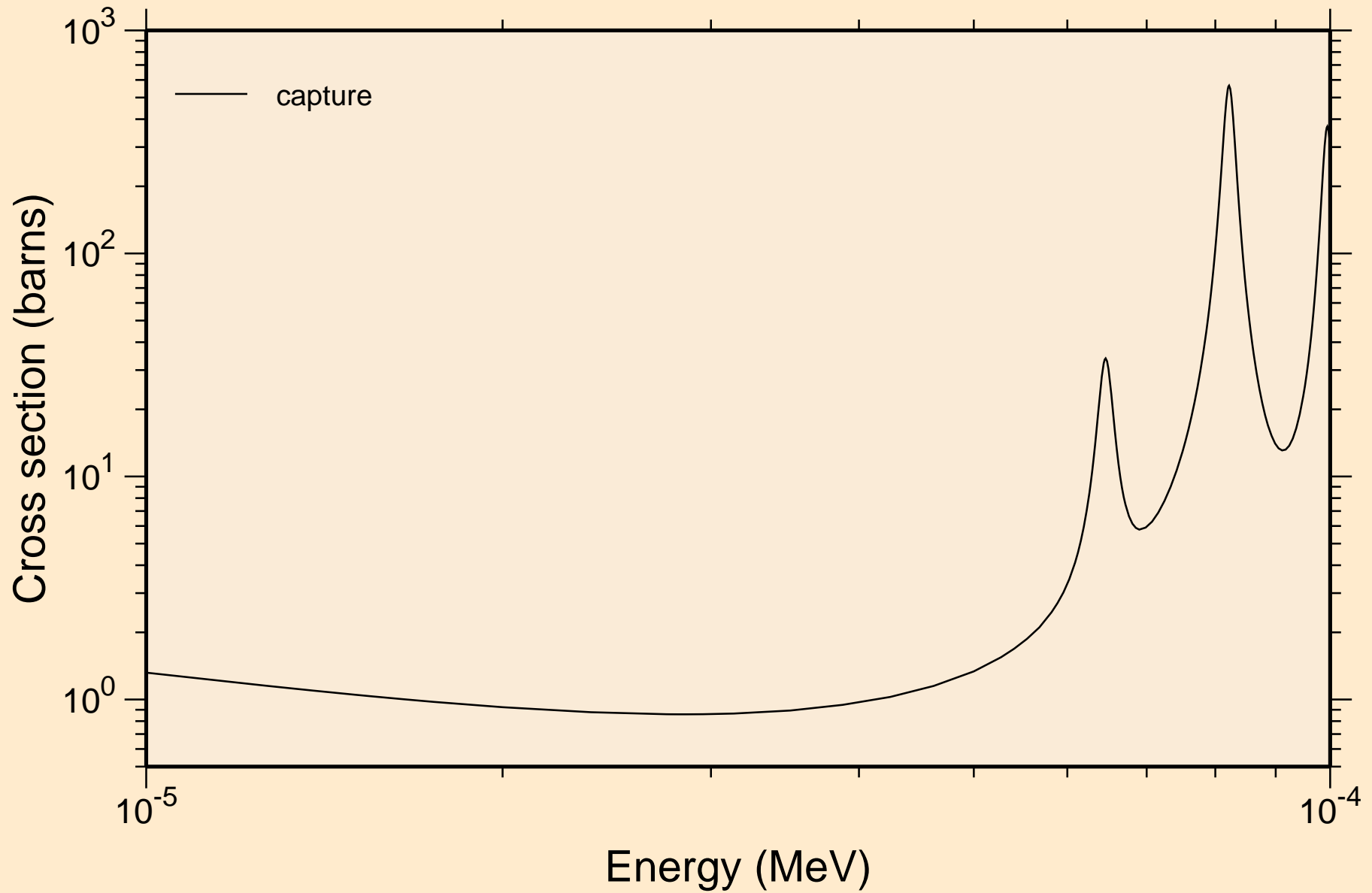
LU181 NRG TENDL-2015, AKONING  
resonance total cross section



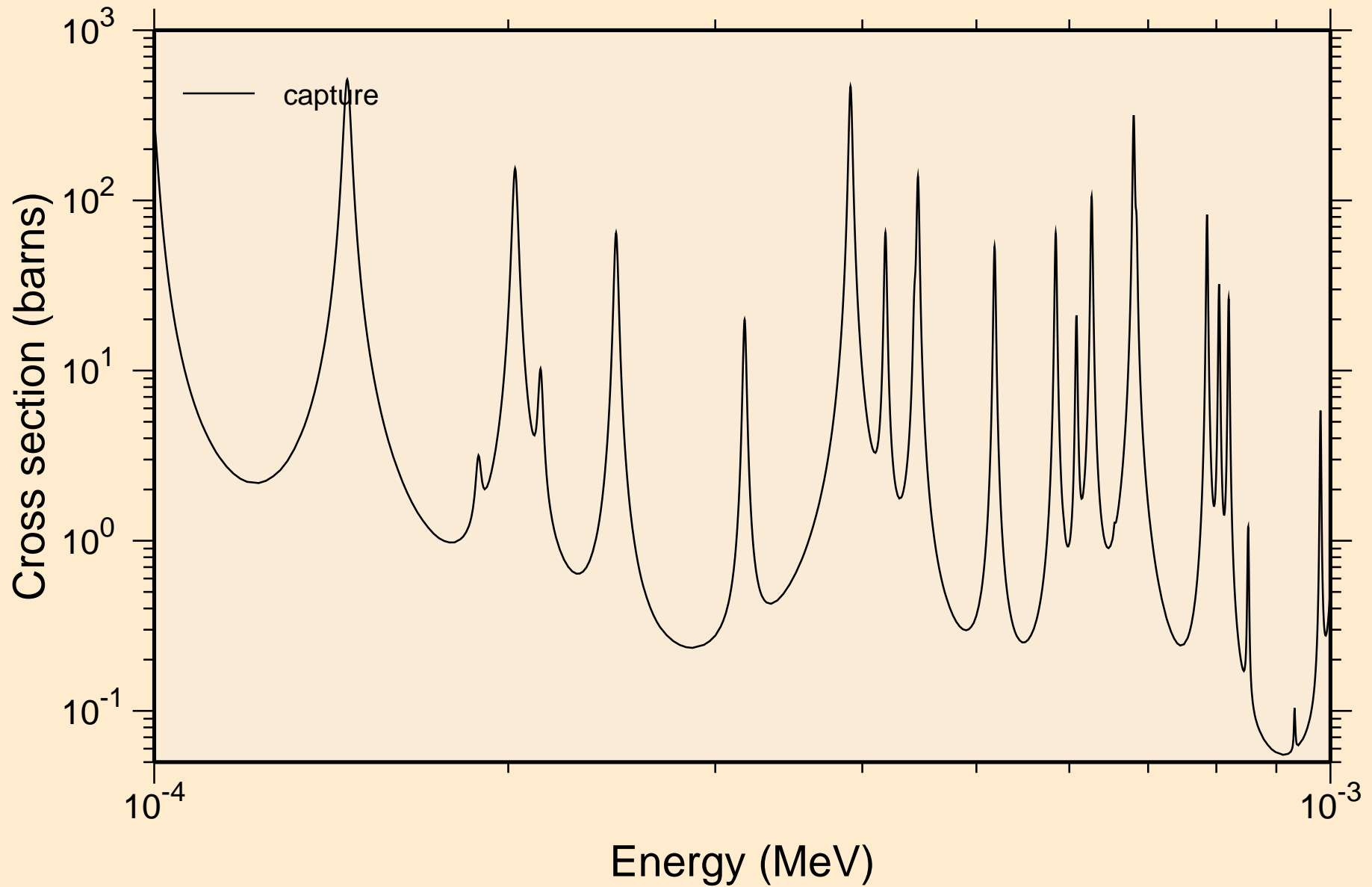
LU181 NRG TENDL-2015, AKONING  
resonance total cross section



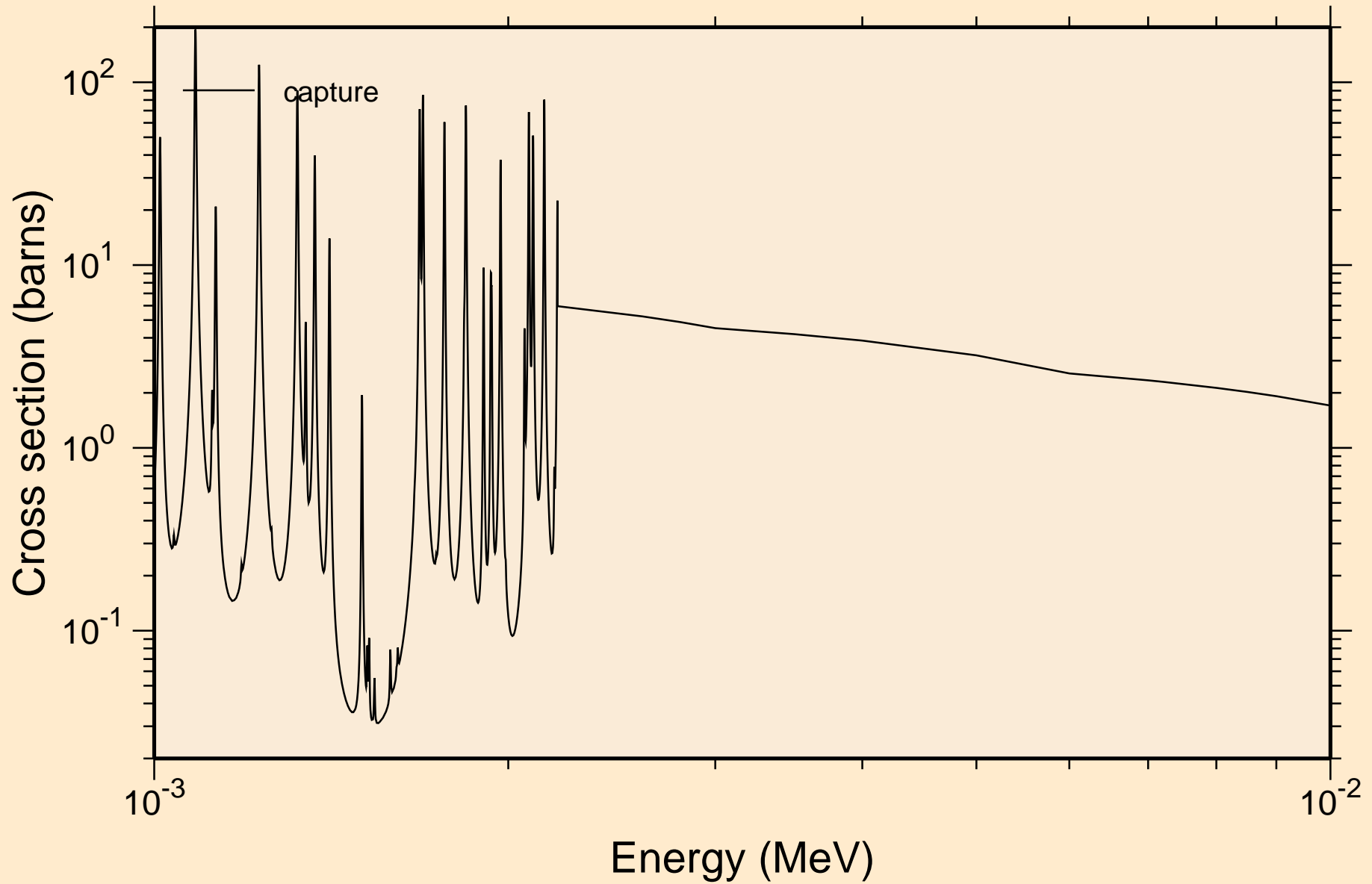
LU181 NRG TENDL-2015, AKONING  
resonance absorption cross sections



LU181 NRG TENDL-2015, AKONING  
resonance absorption cross sections

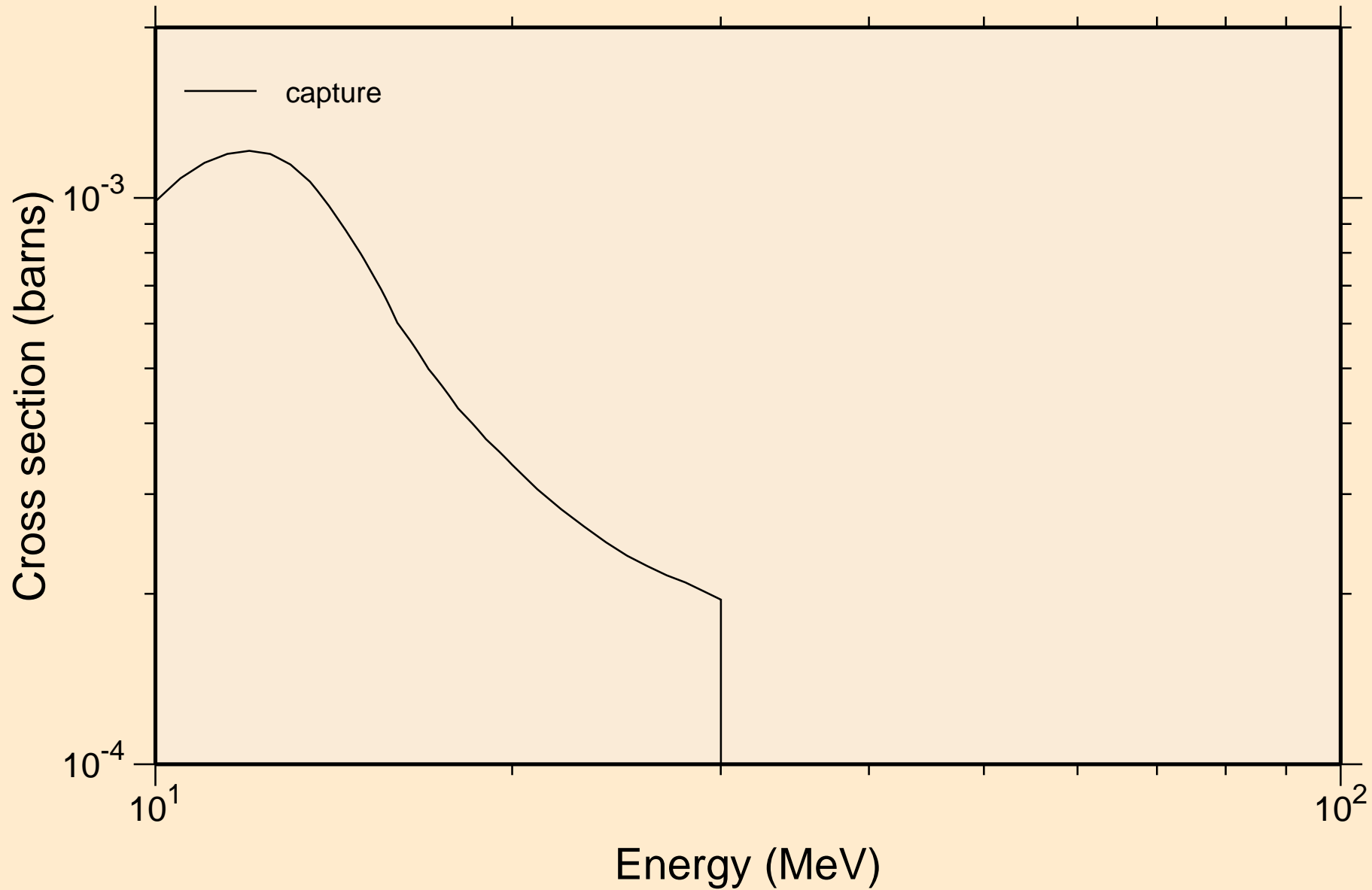


LU181 NRG TENDL-2015, AKONING  
resonance absorption cross sections

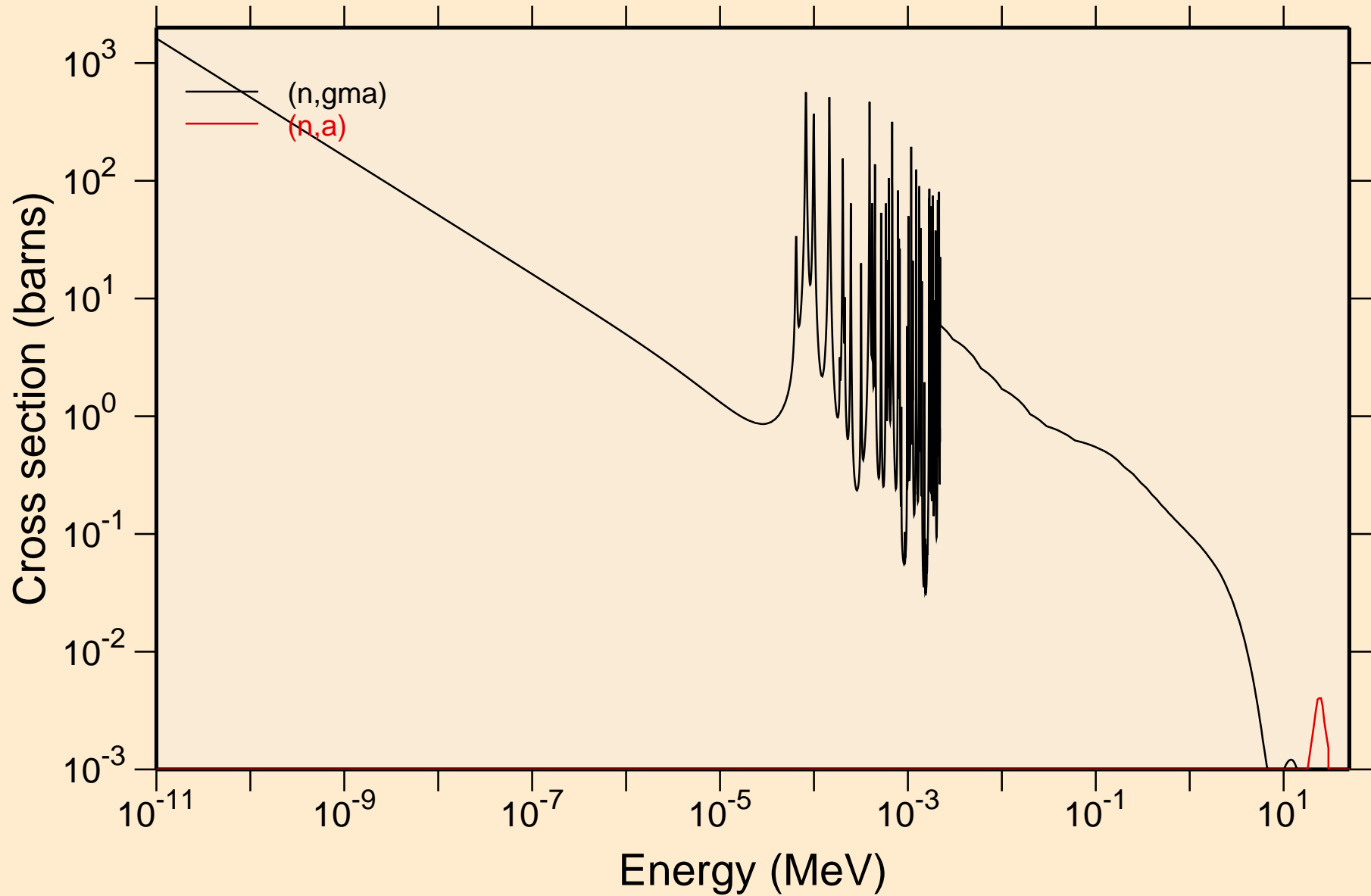




LU181 NRG TENDL-2015, AKONING  
resonance absorption cross sections

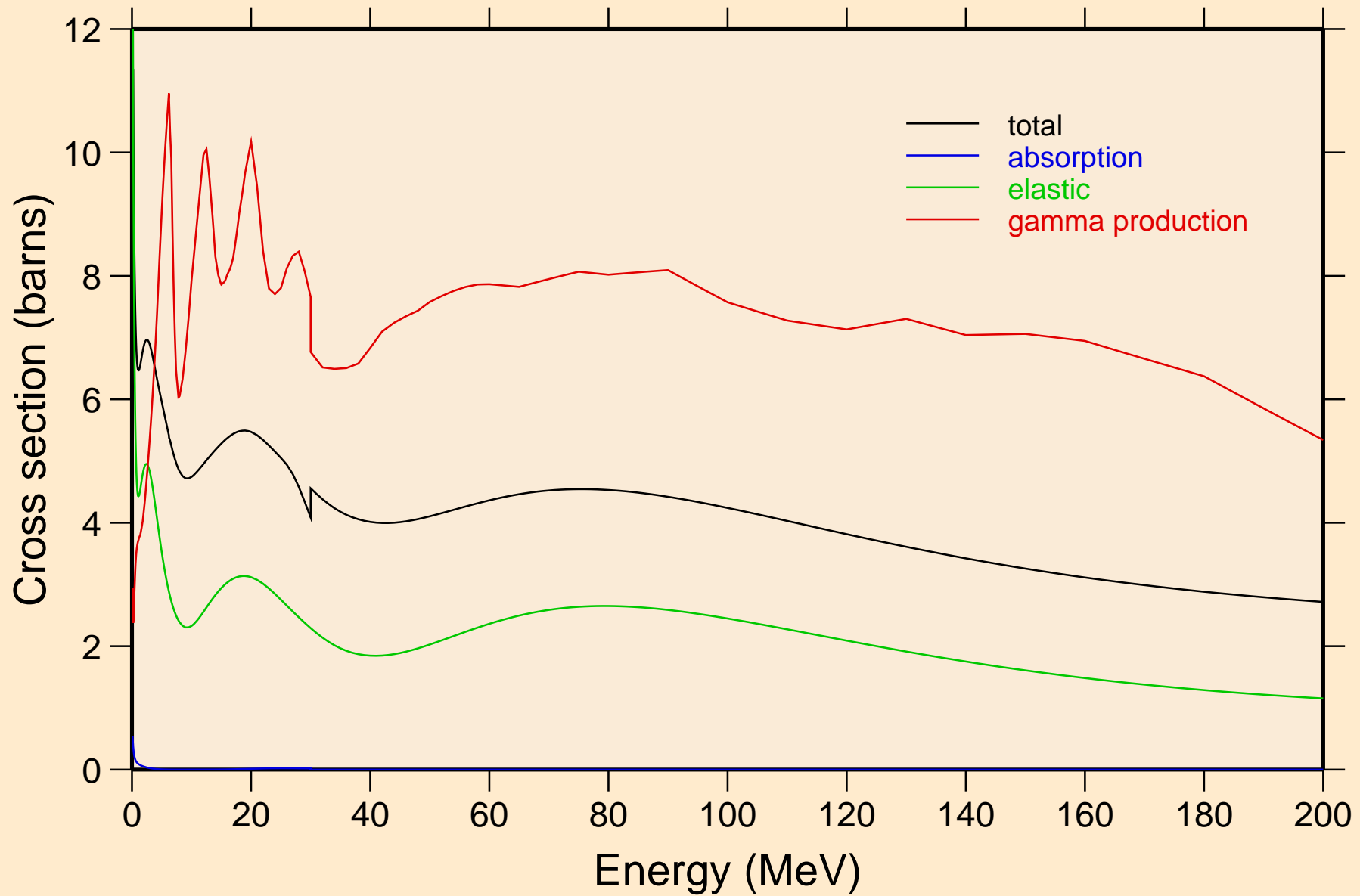


LU181 NRG TENDL-2015, AKONING  
Non-threshold reactions

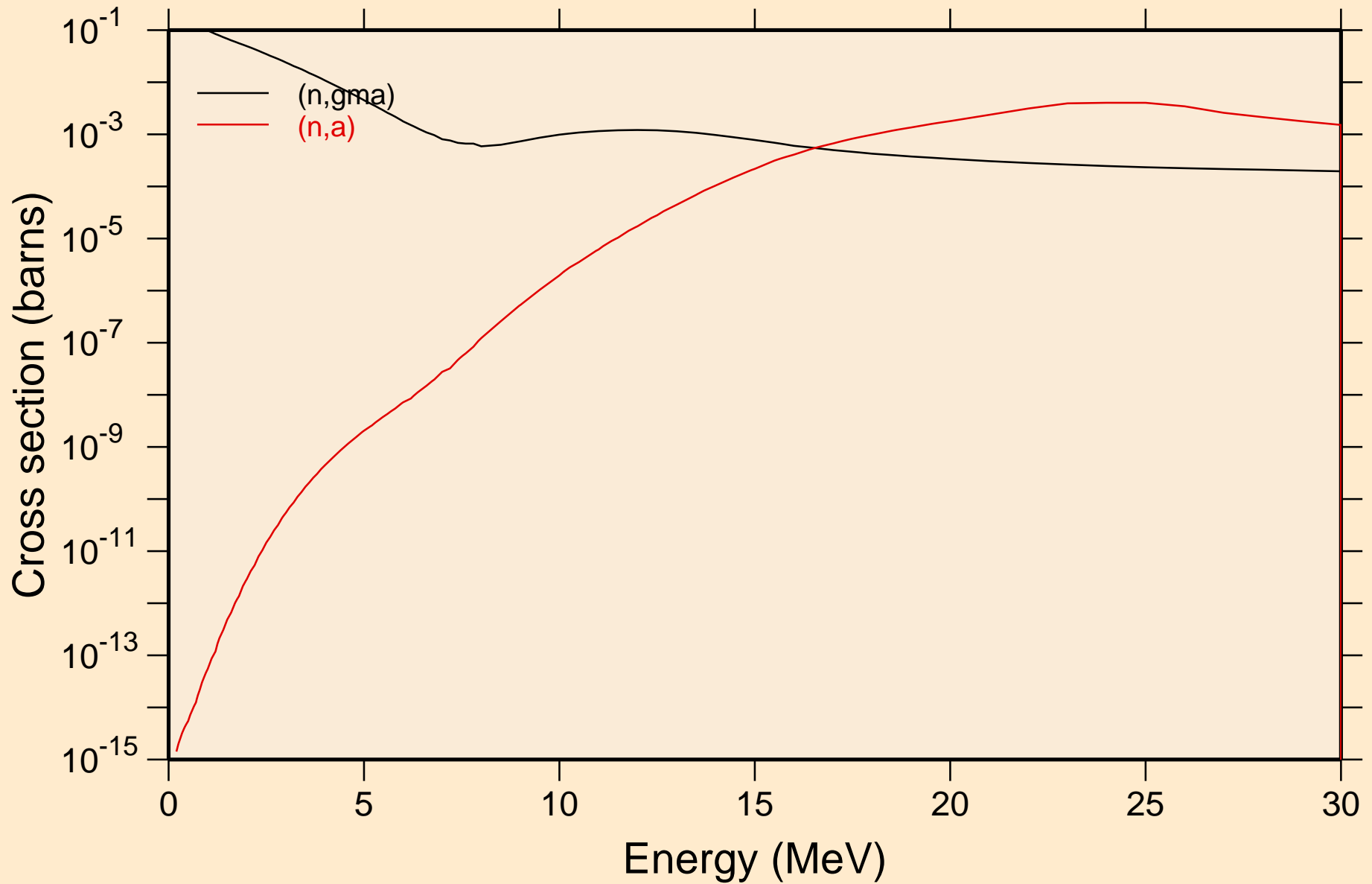


# LU181 NRG TENDL-2015, AKONING

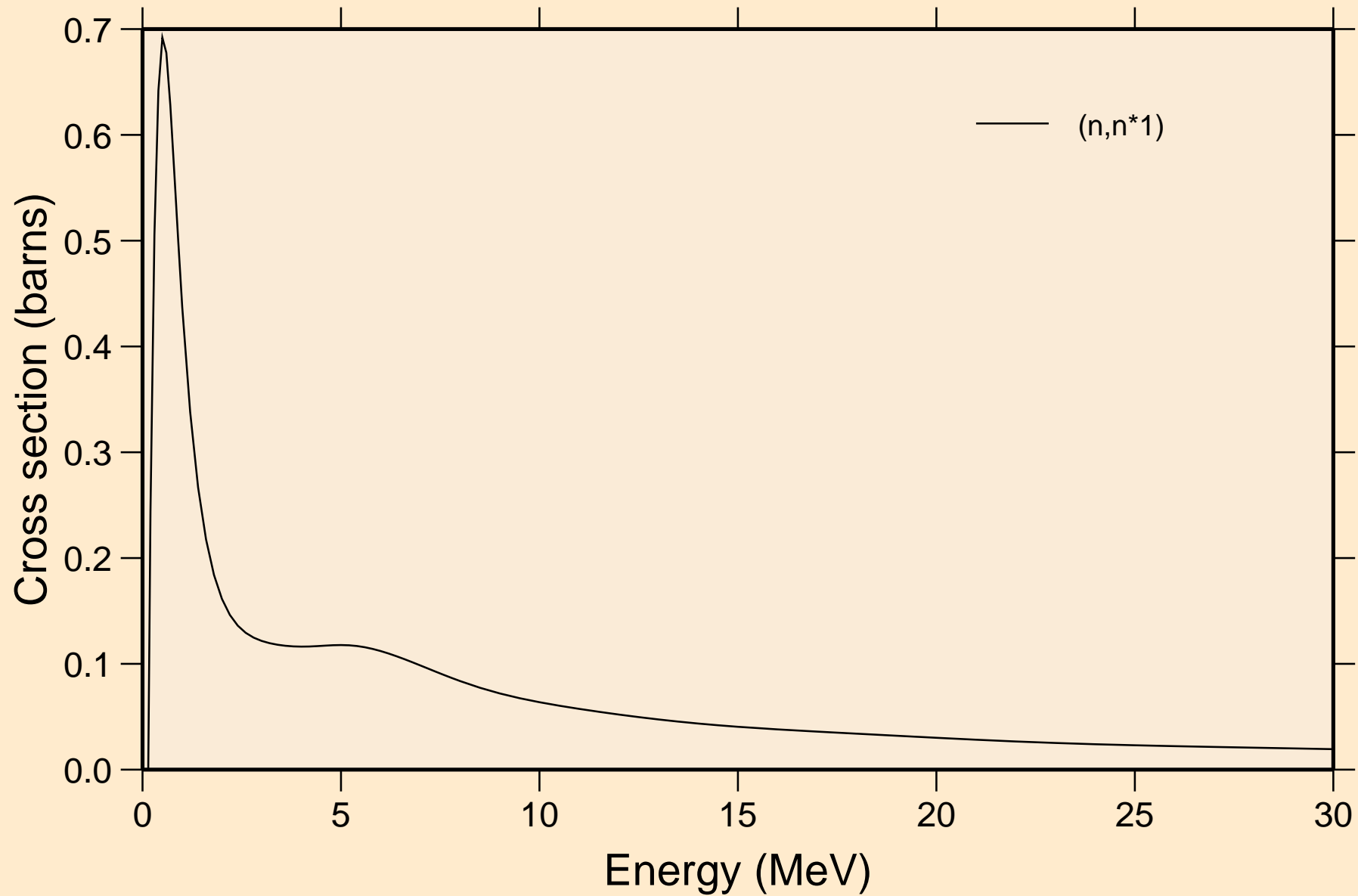
## Principal cross sections



LU181 NRG TENDL-2015, AKONING  
Non-threshold reactions

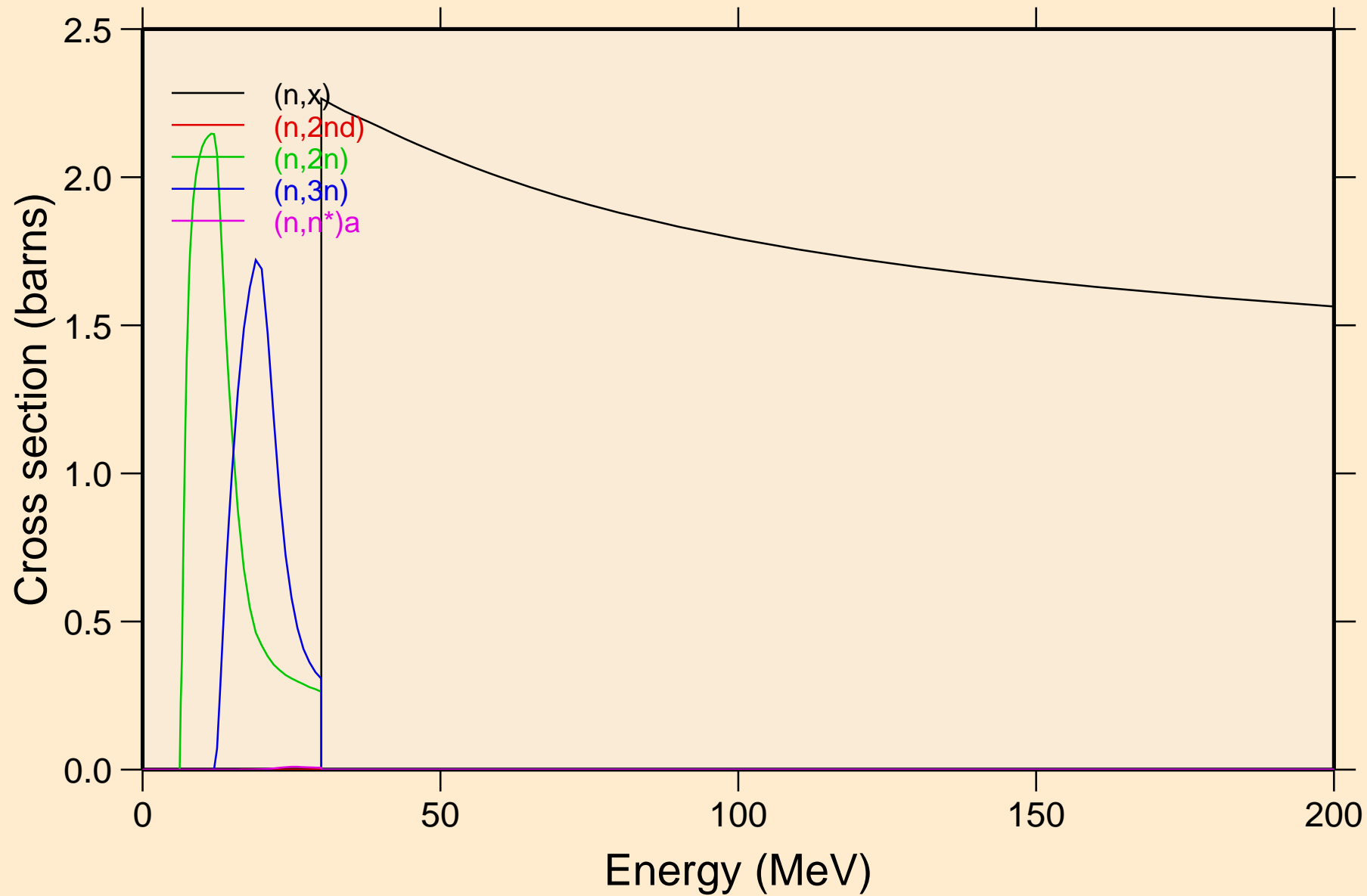


LU181 NRG TENDL-2015, AKONING  
Inelastic levels



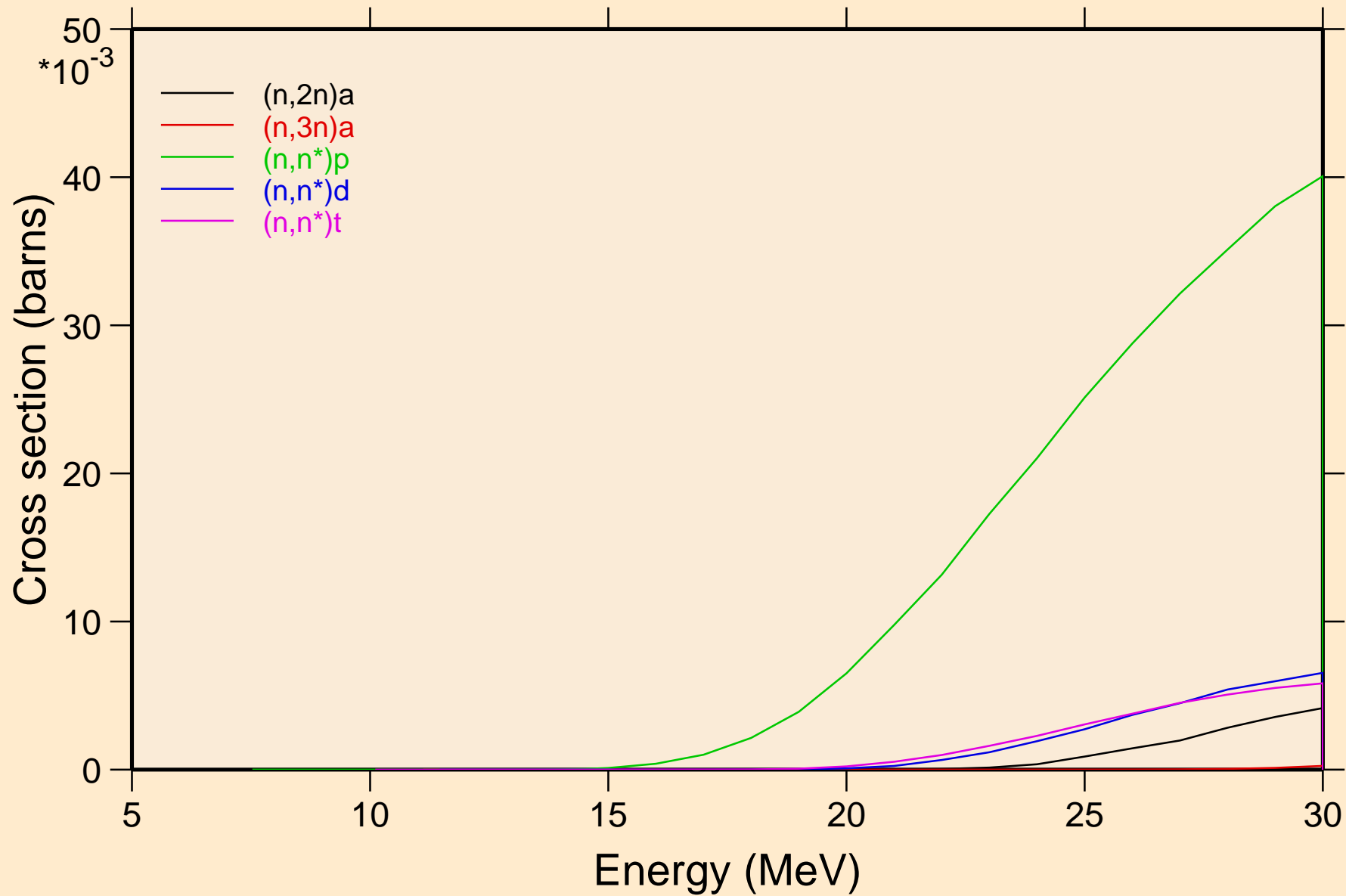
# LU181 NRG TENDL-2015, AKONING

## Threshold reactions



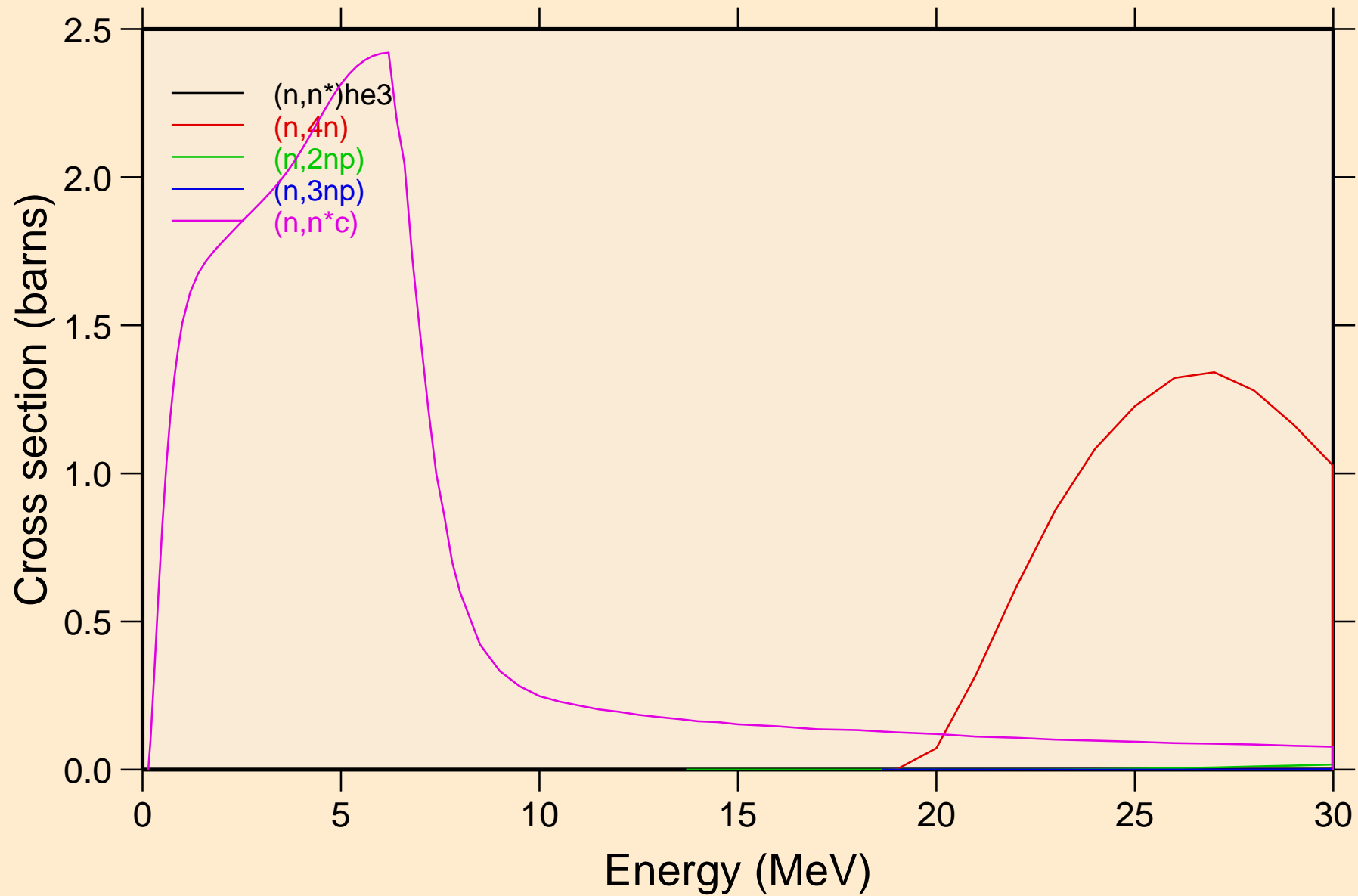
# LU181 NRG TENDL-2015, AKONING

## Threshold reactions



# LU181 NRG TENDL-2015, AKONING

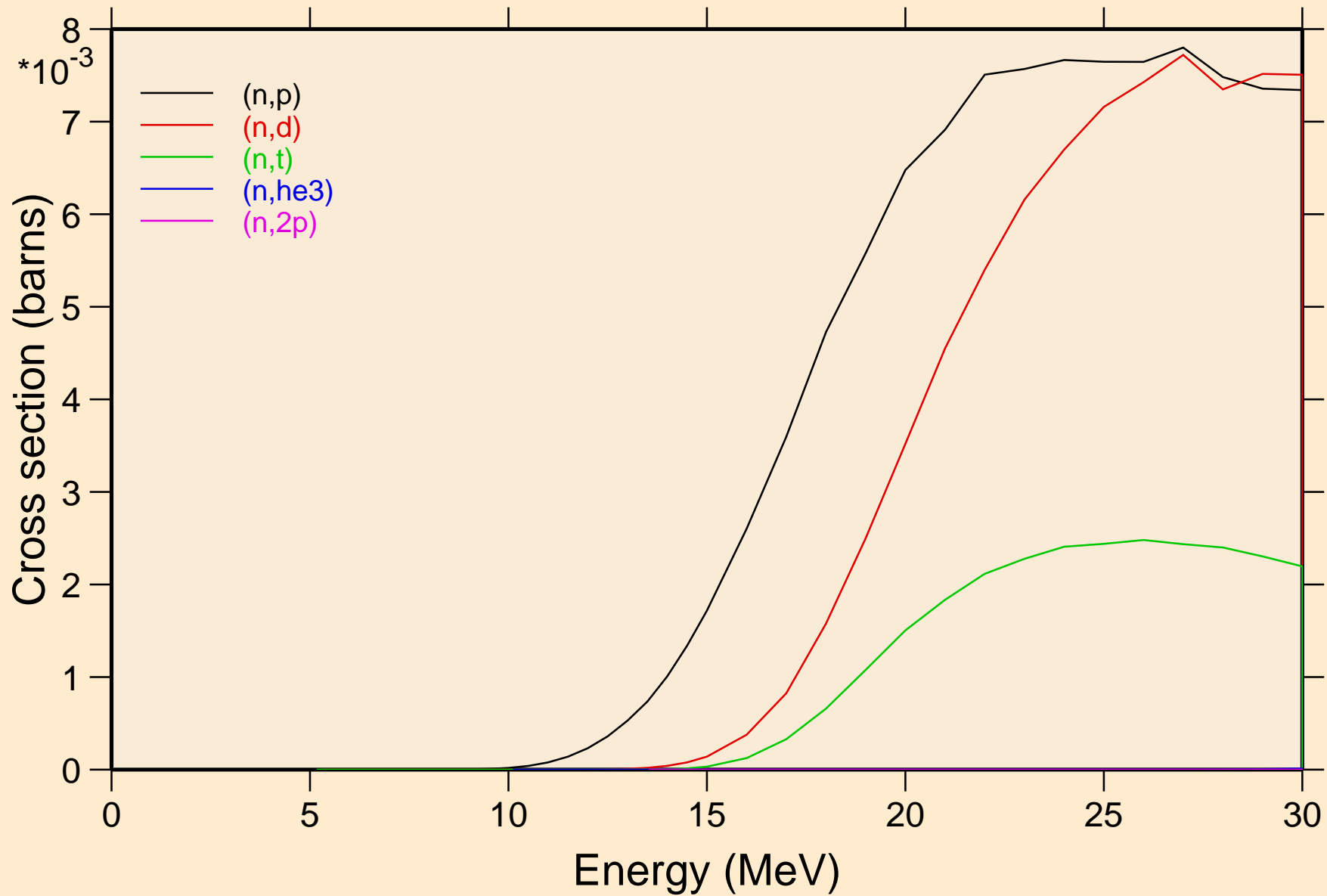
## Threshold reactions



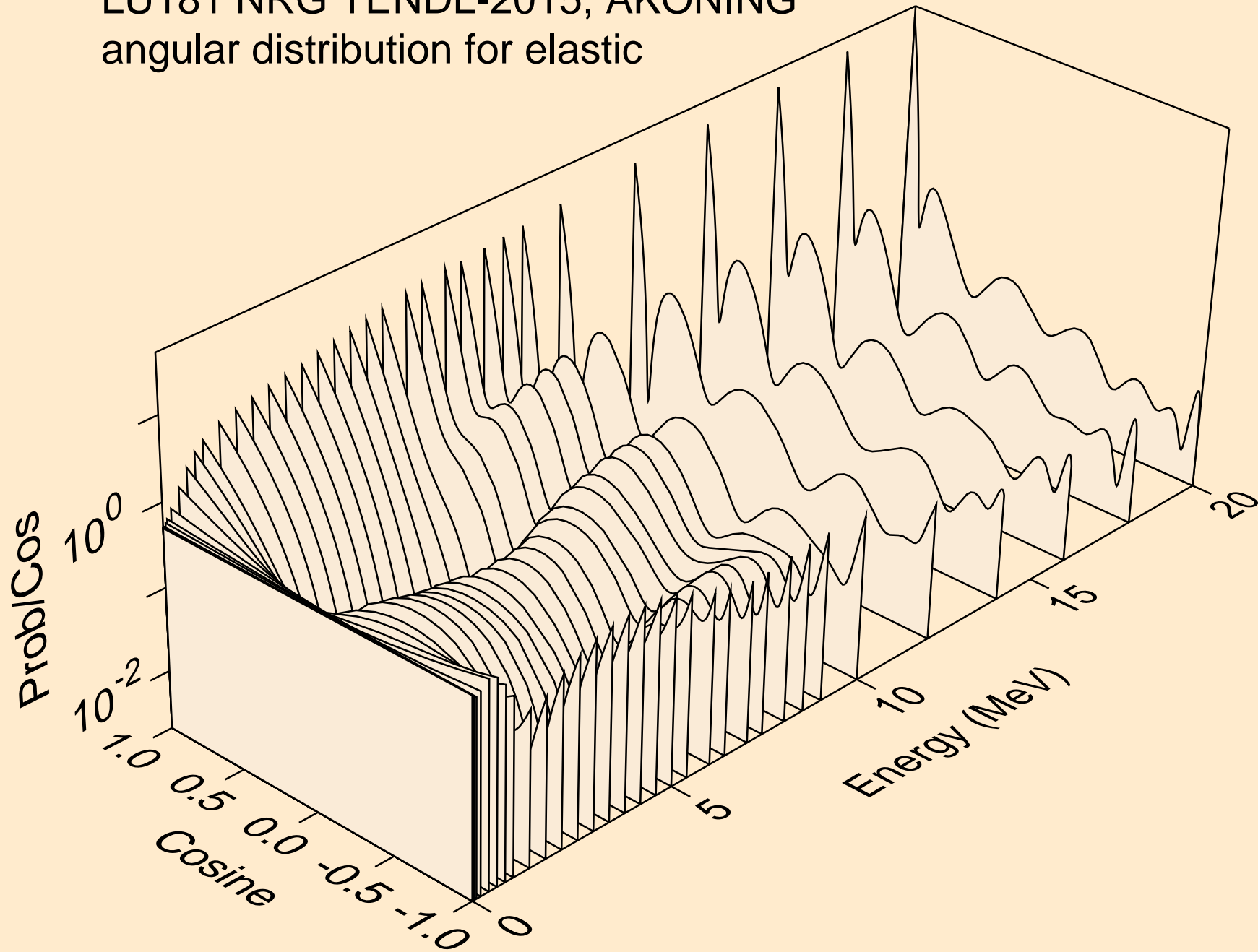


# LU181 NRG TENDL-2015, AKONING

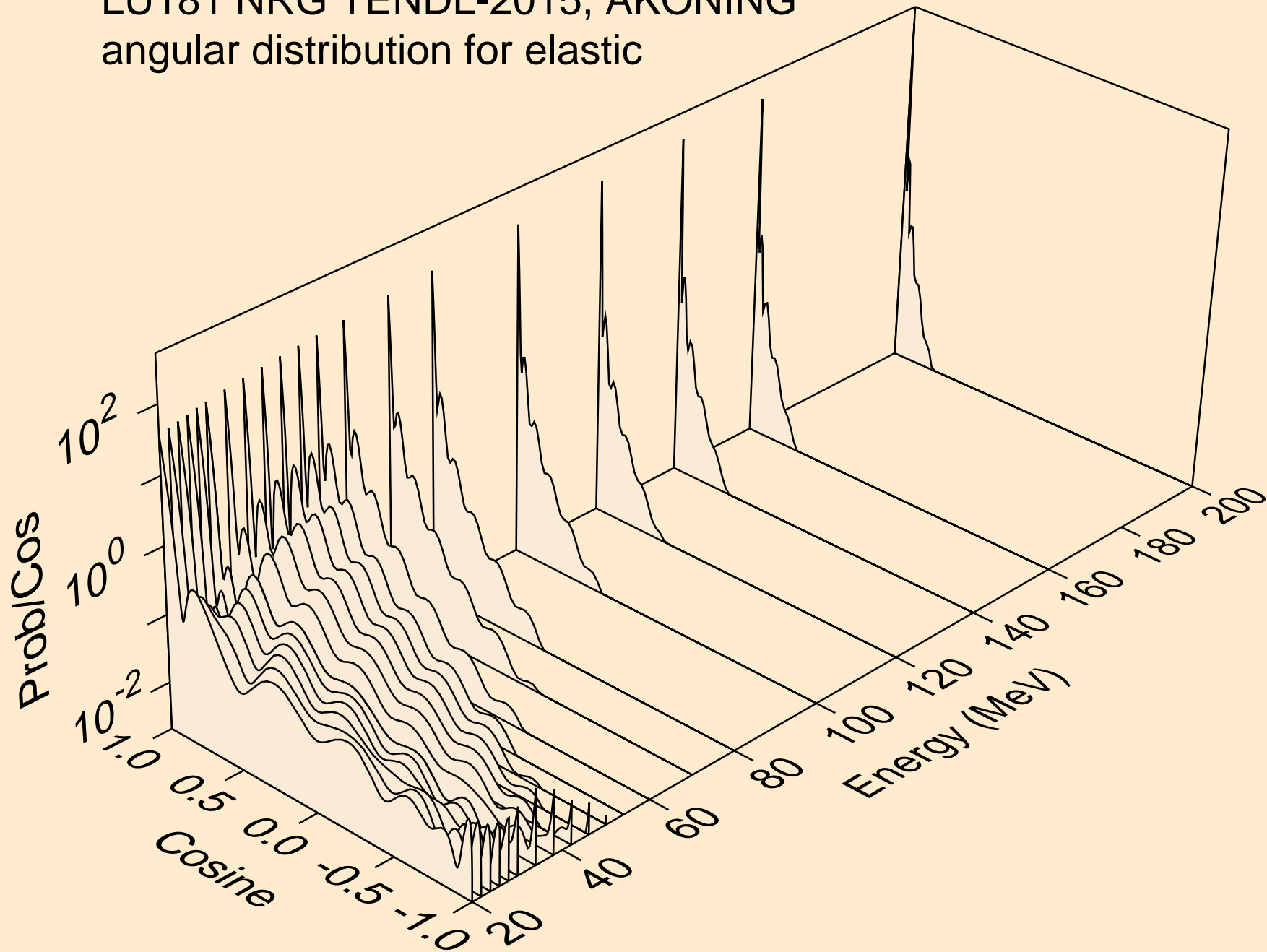
## Threshold reactions



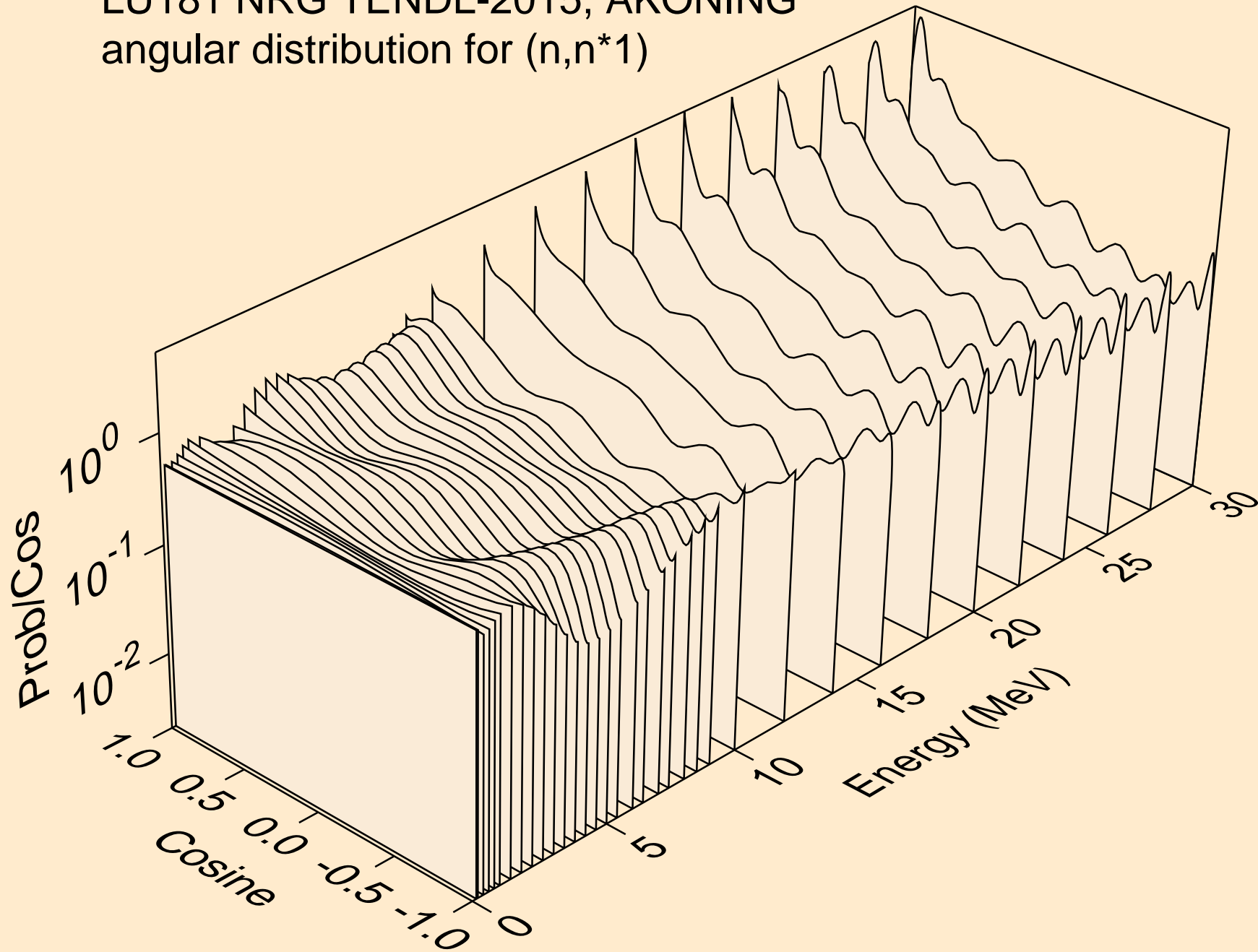
LU181 NRG TENDL-2015, AKONING  
angular distribution for elastic



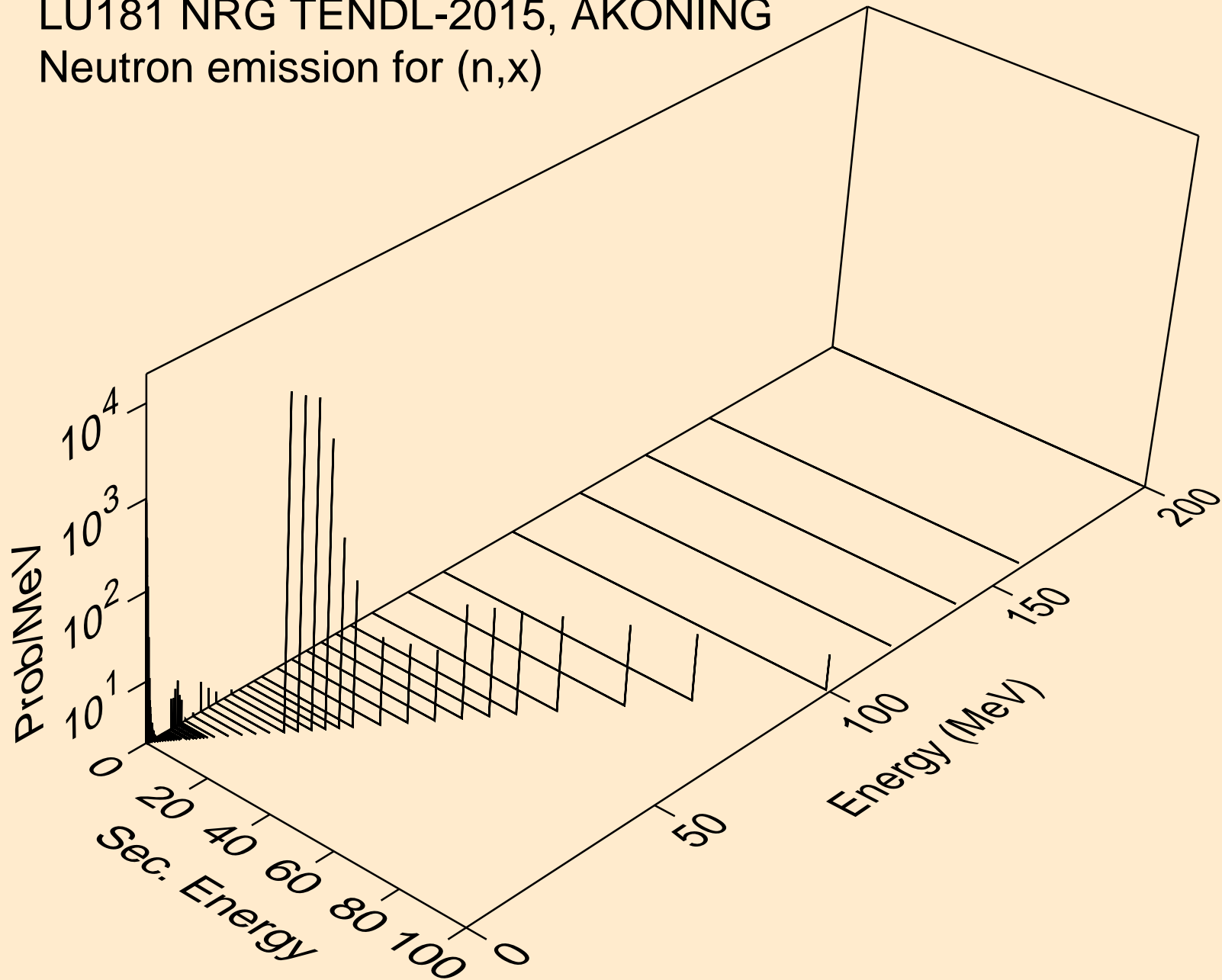
LU181 NRG TENDL-2015, AKONING  
angular distribution for elastic



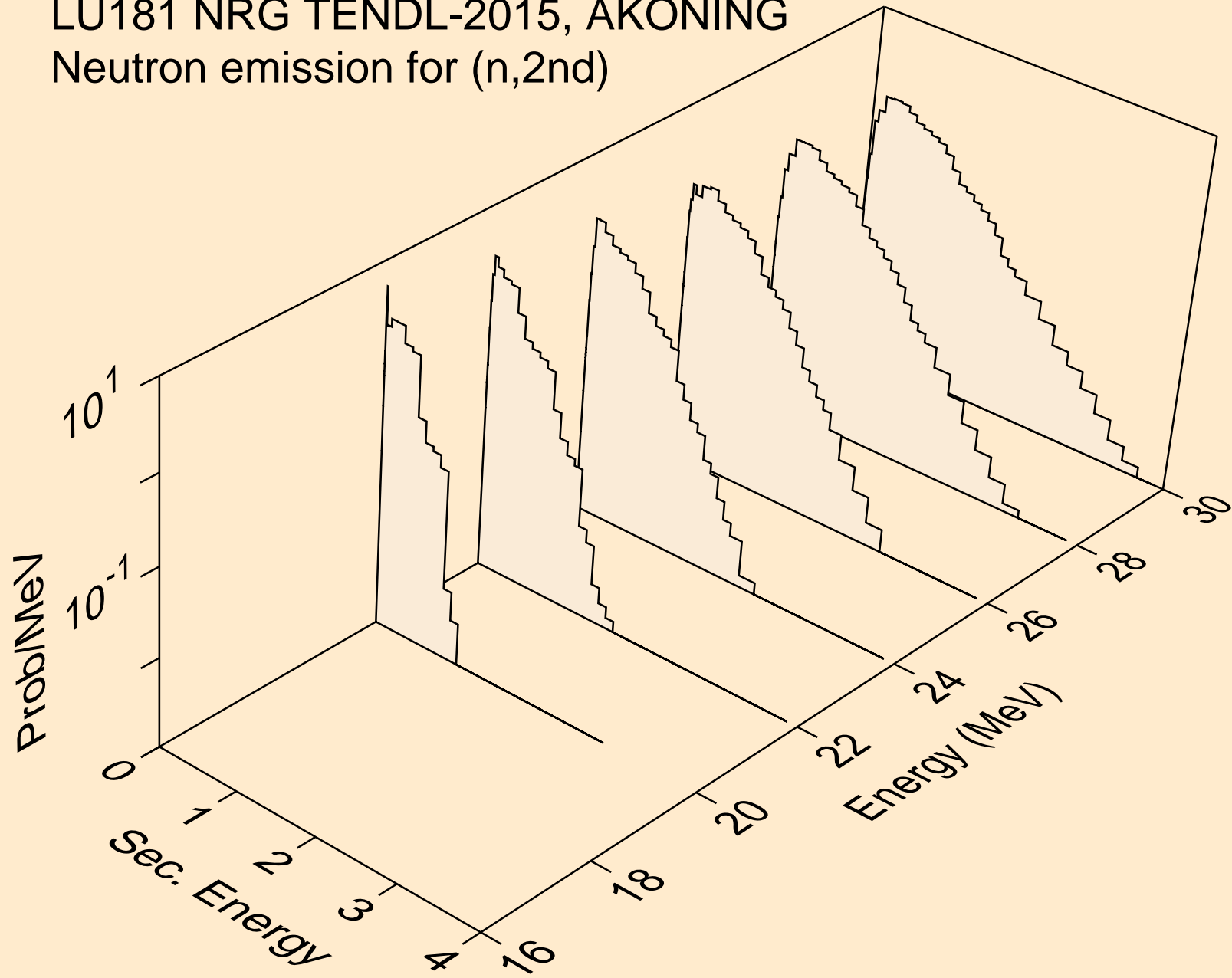
LU181 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



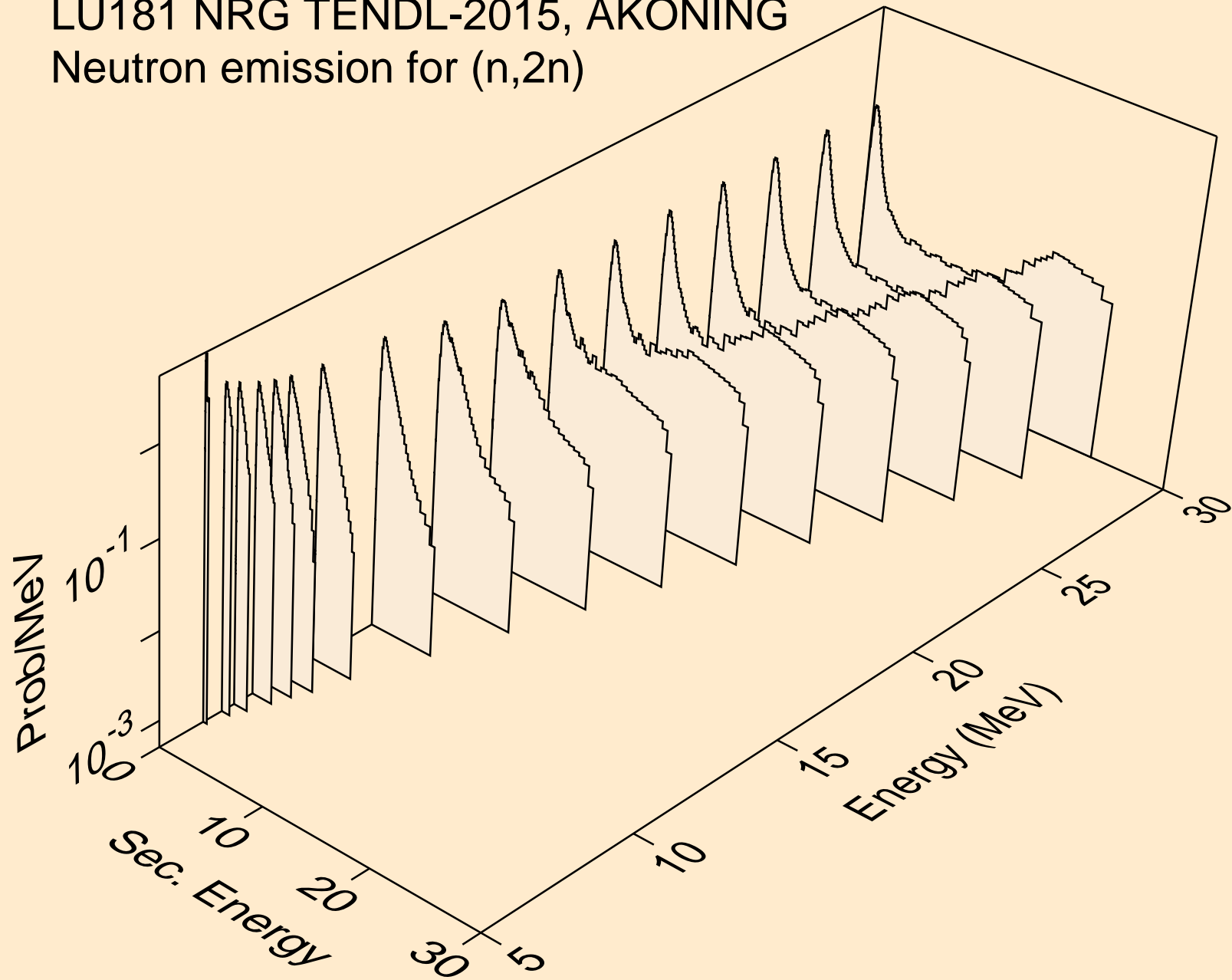
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



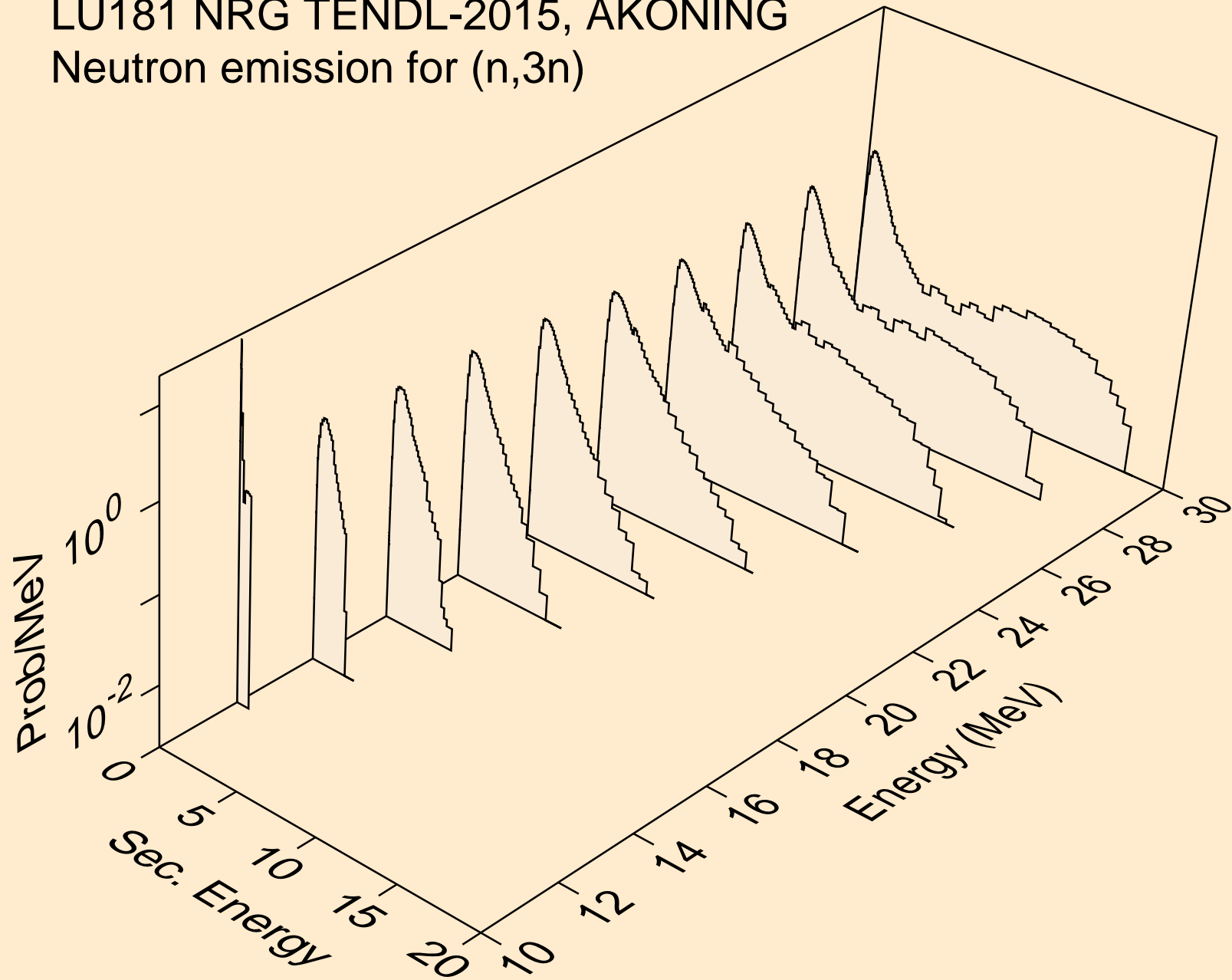
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

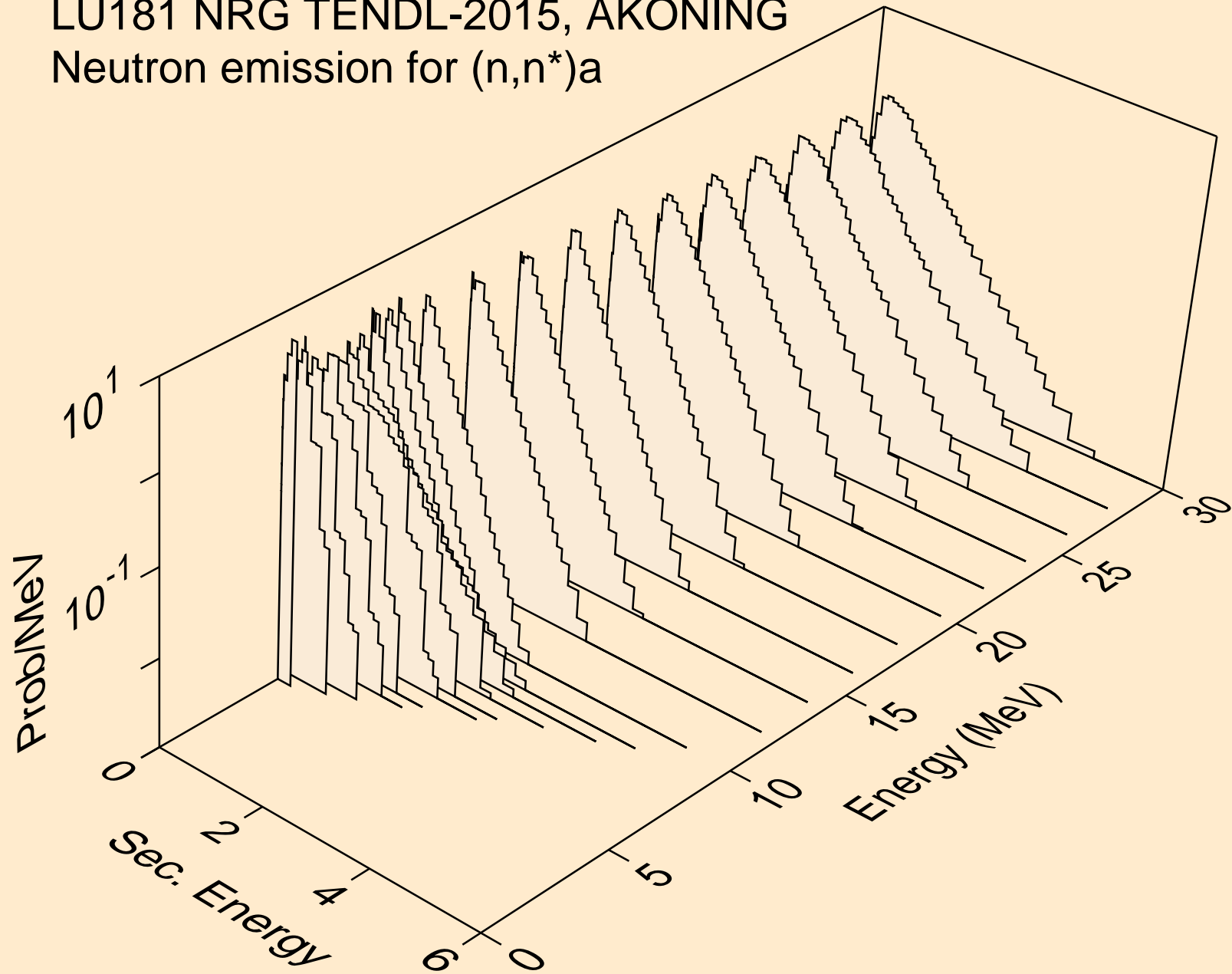


LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

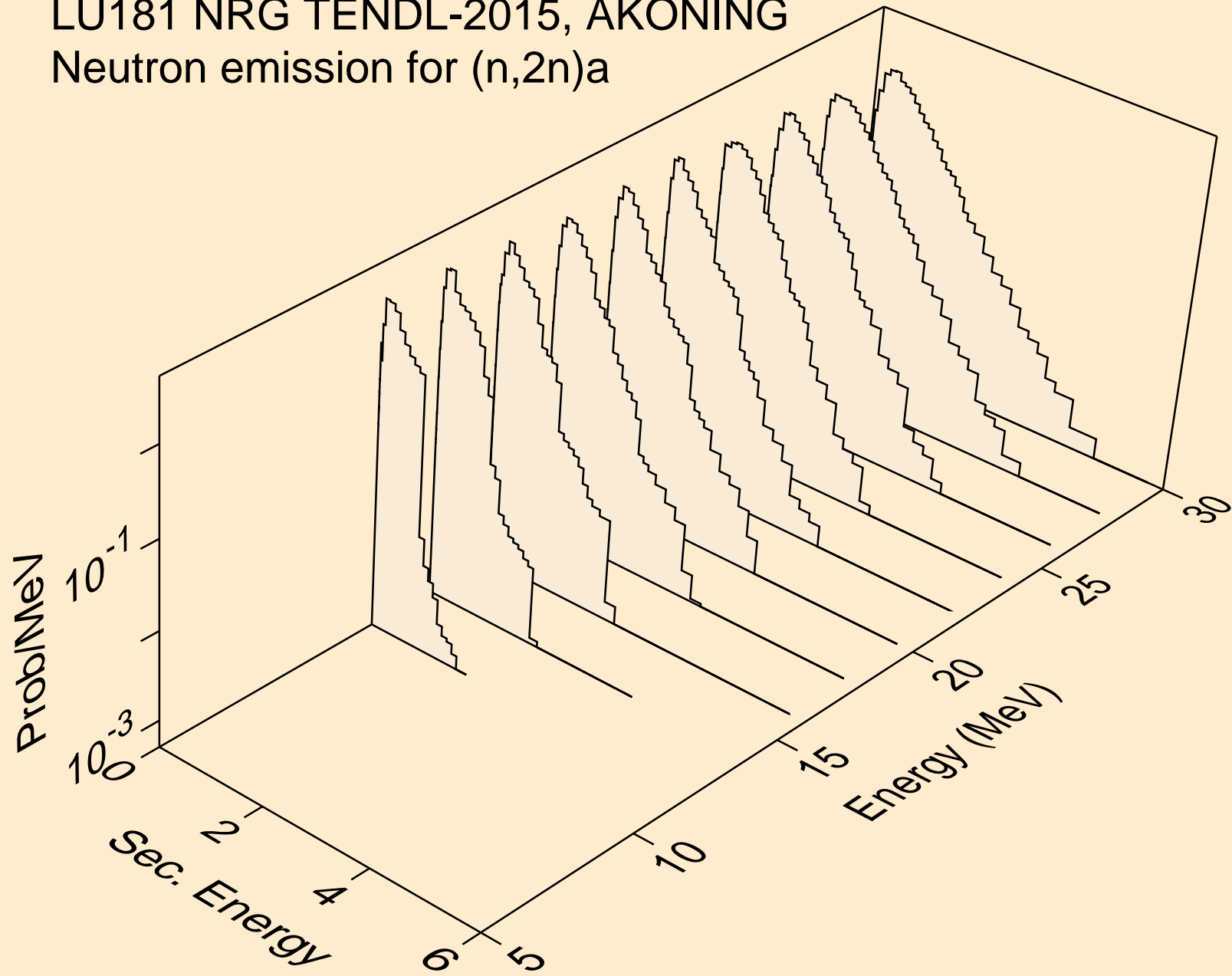




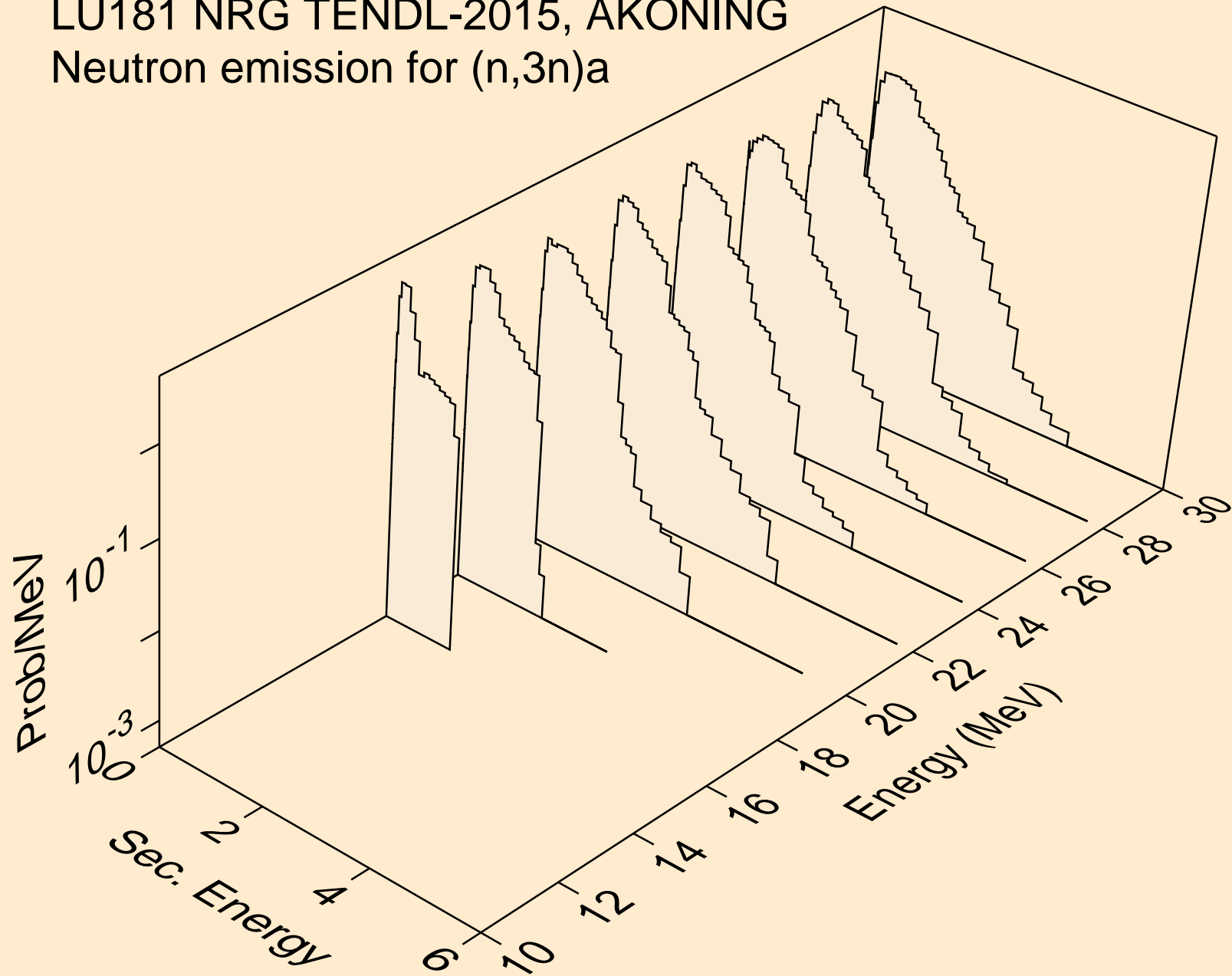
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



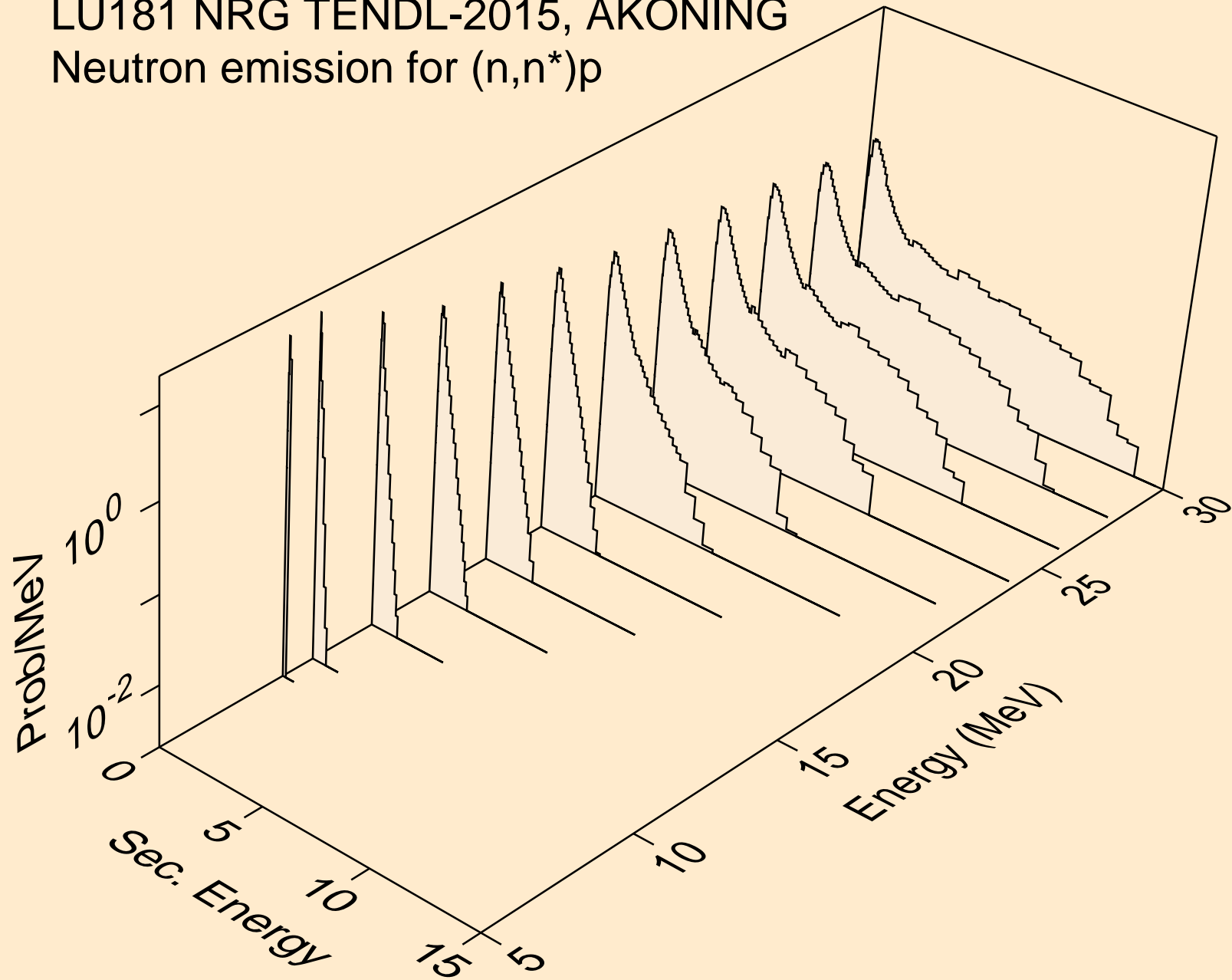
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



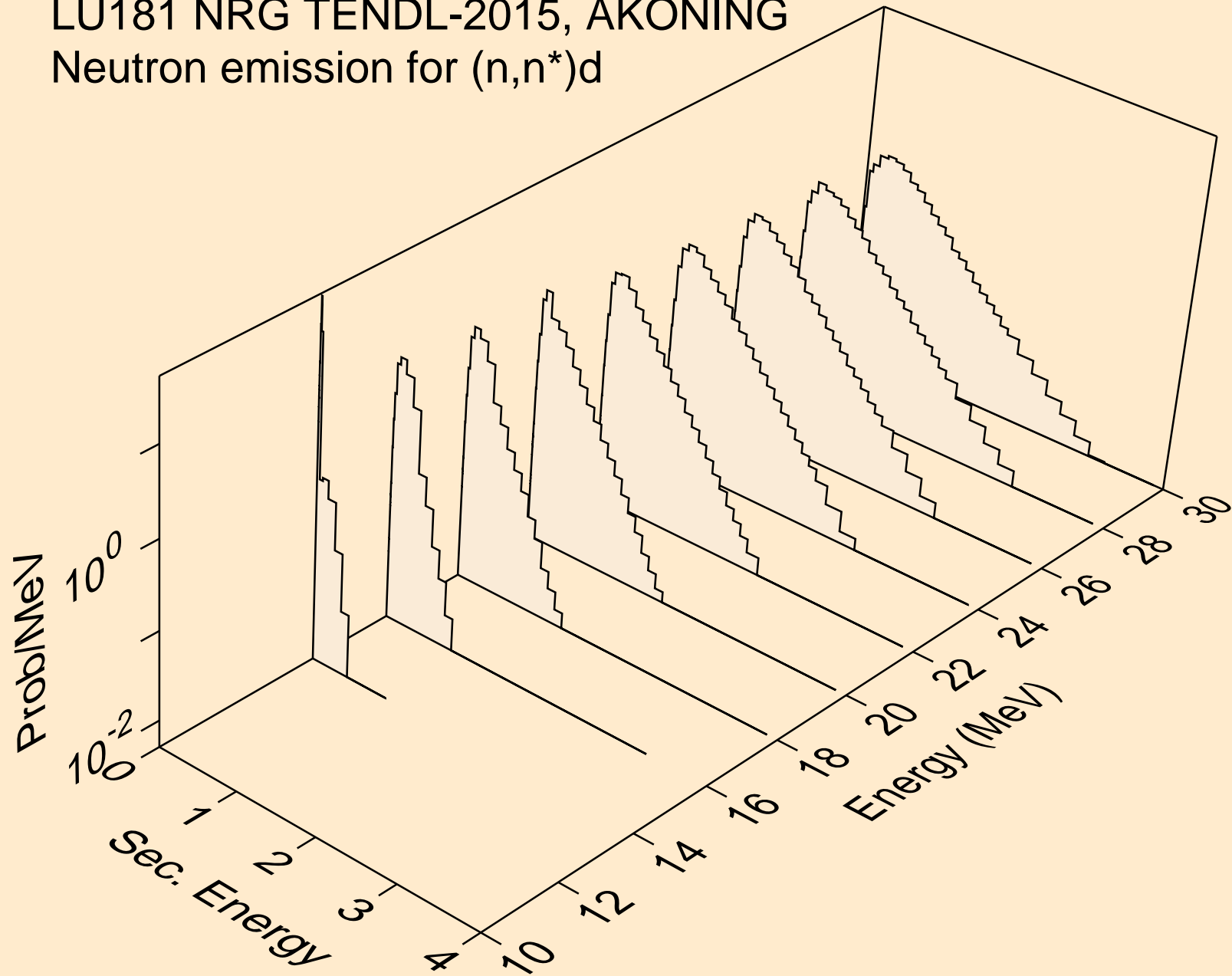
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



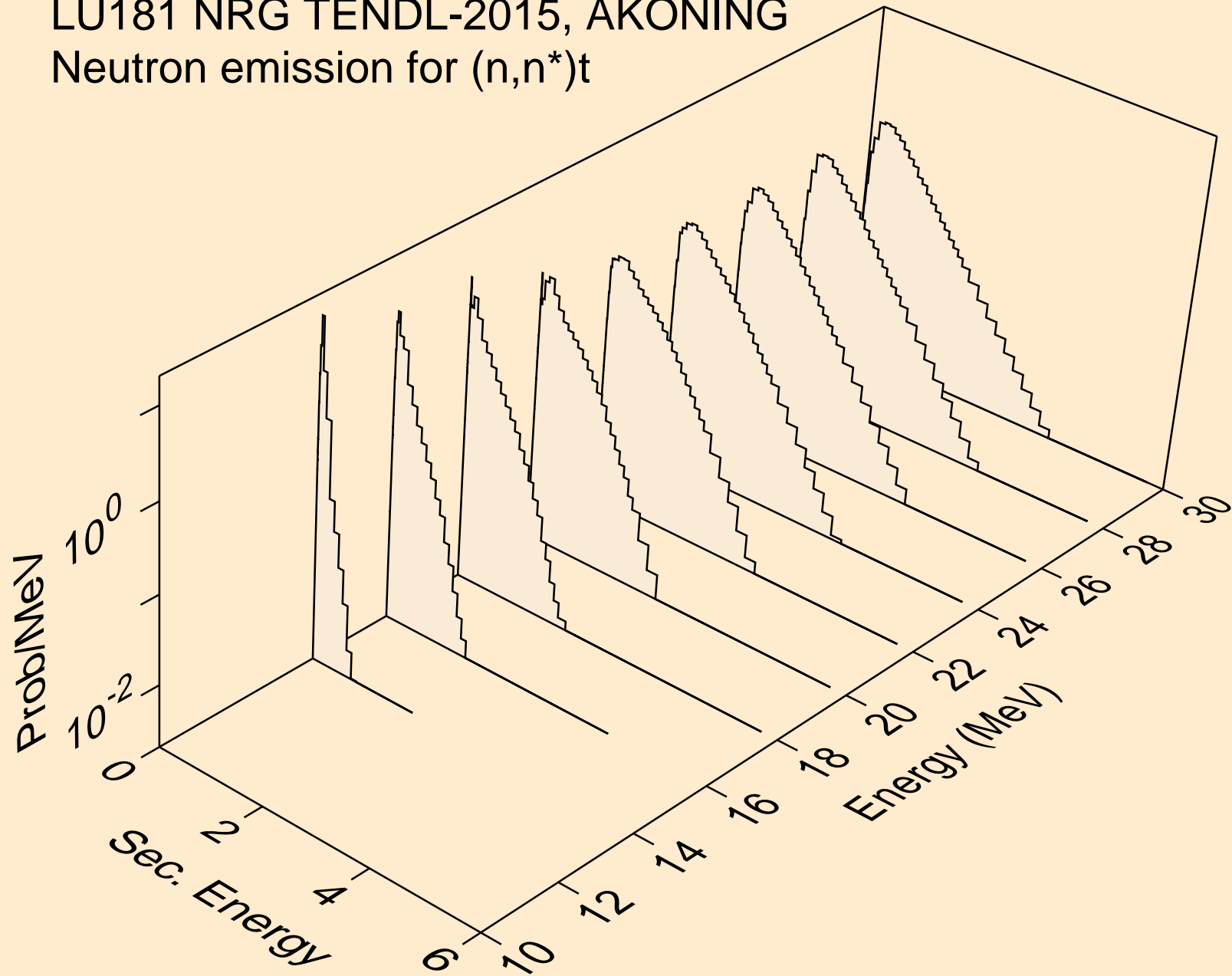
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



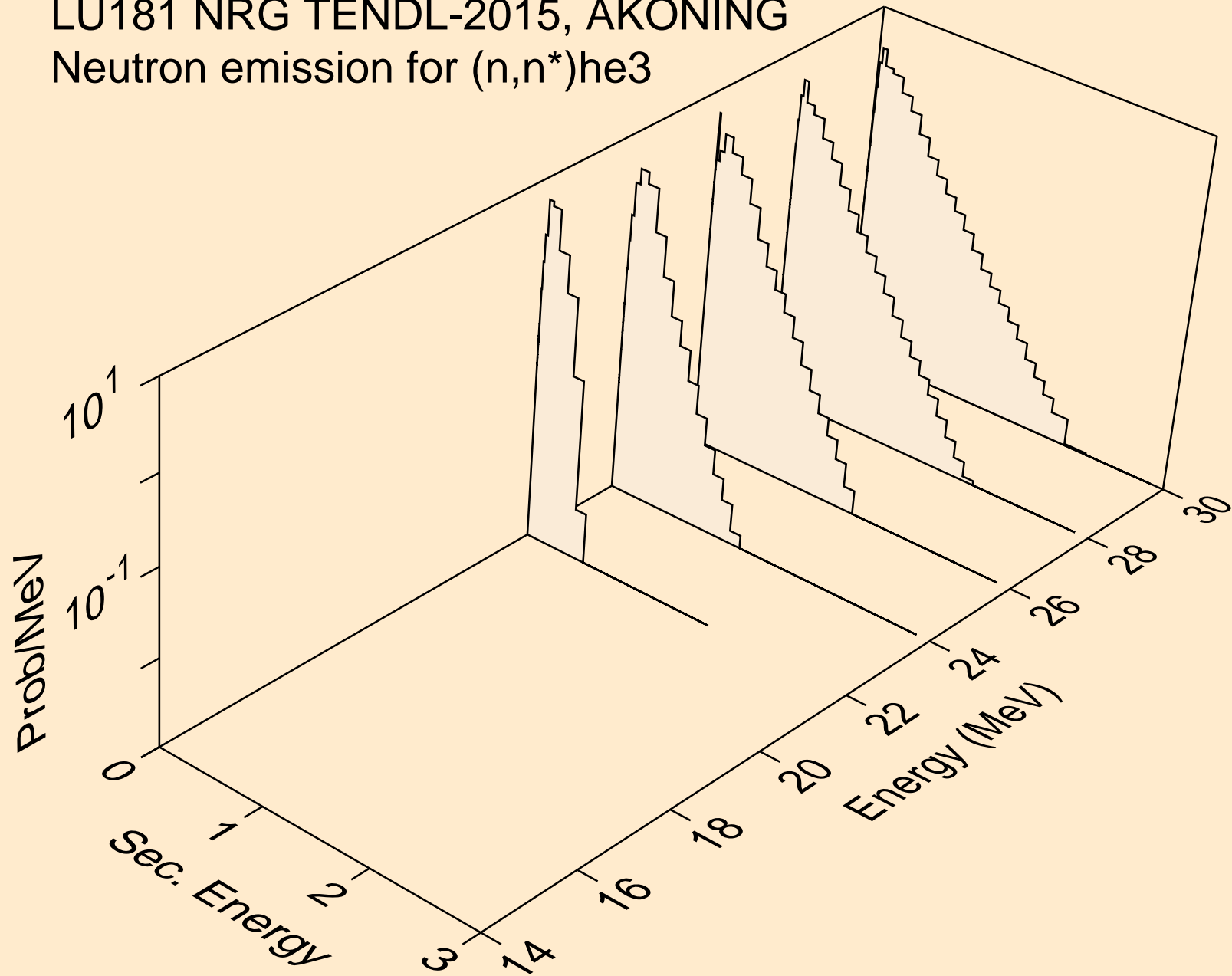
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



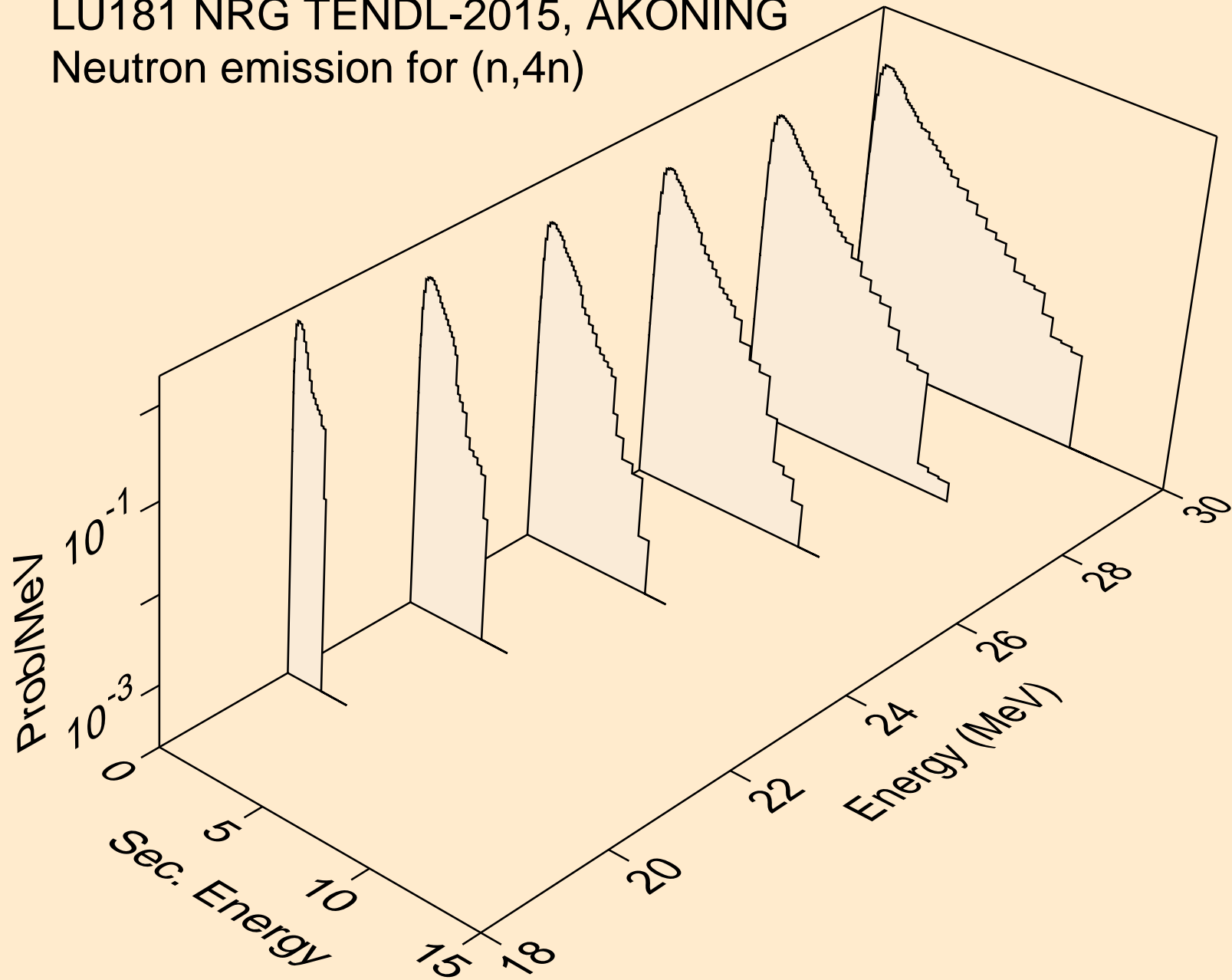
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

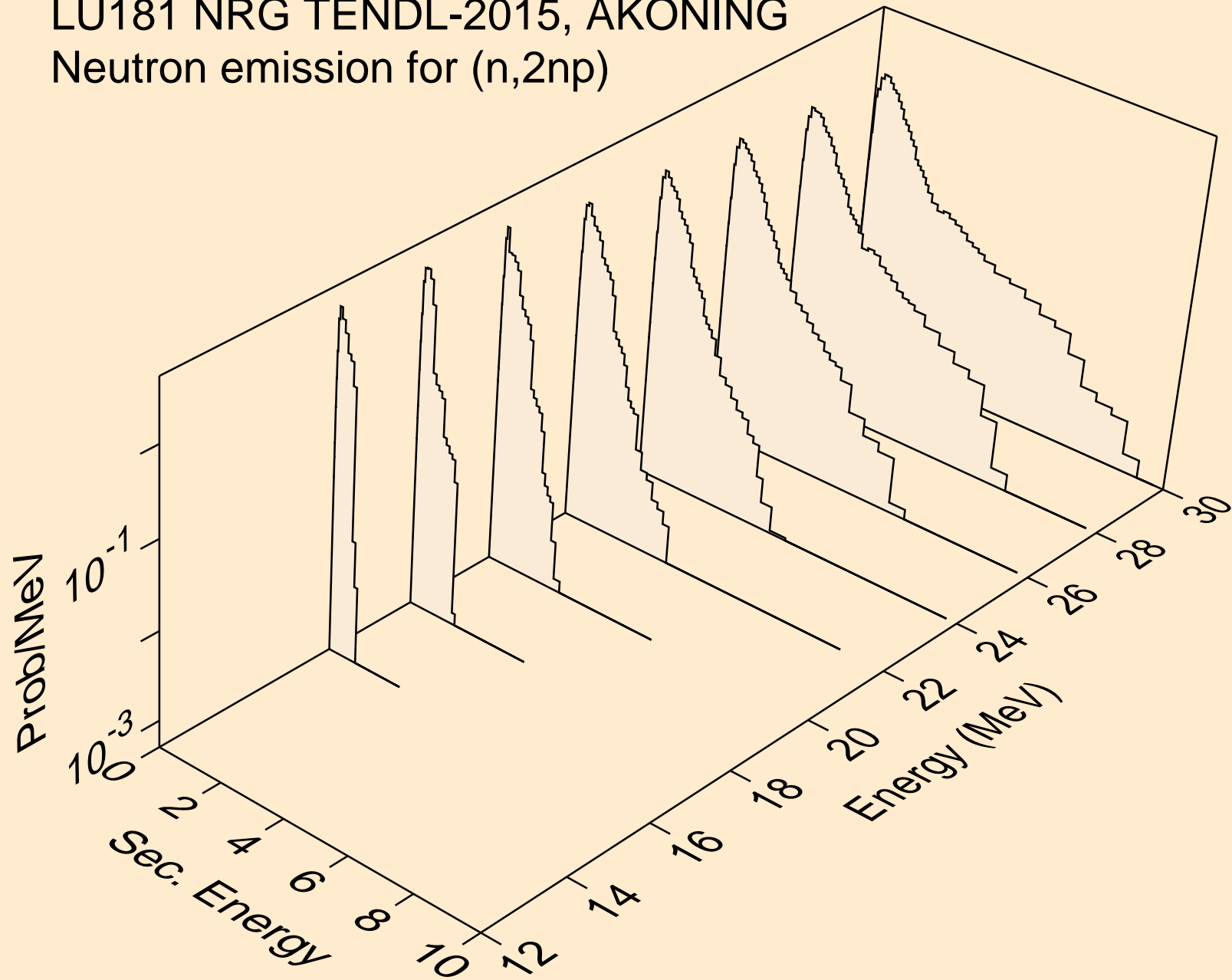


LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

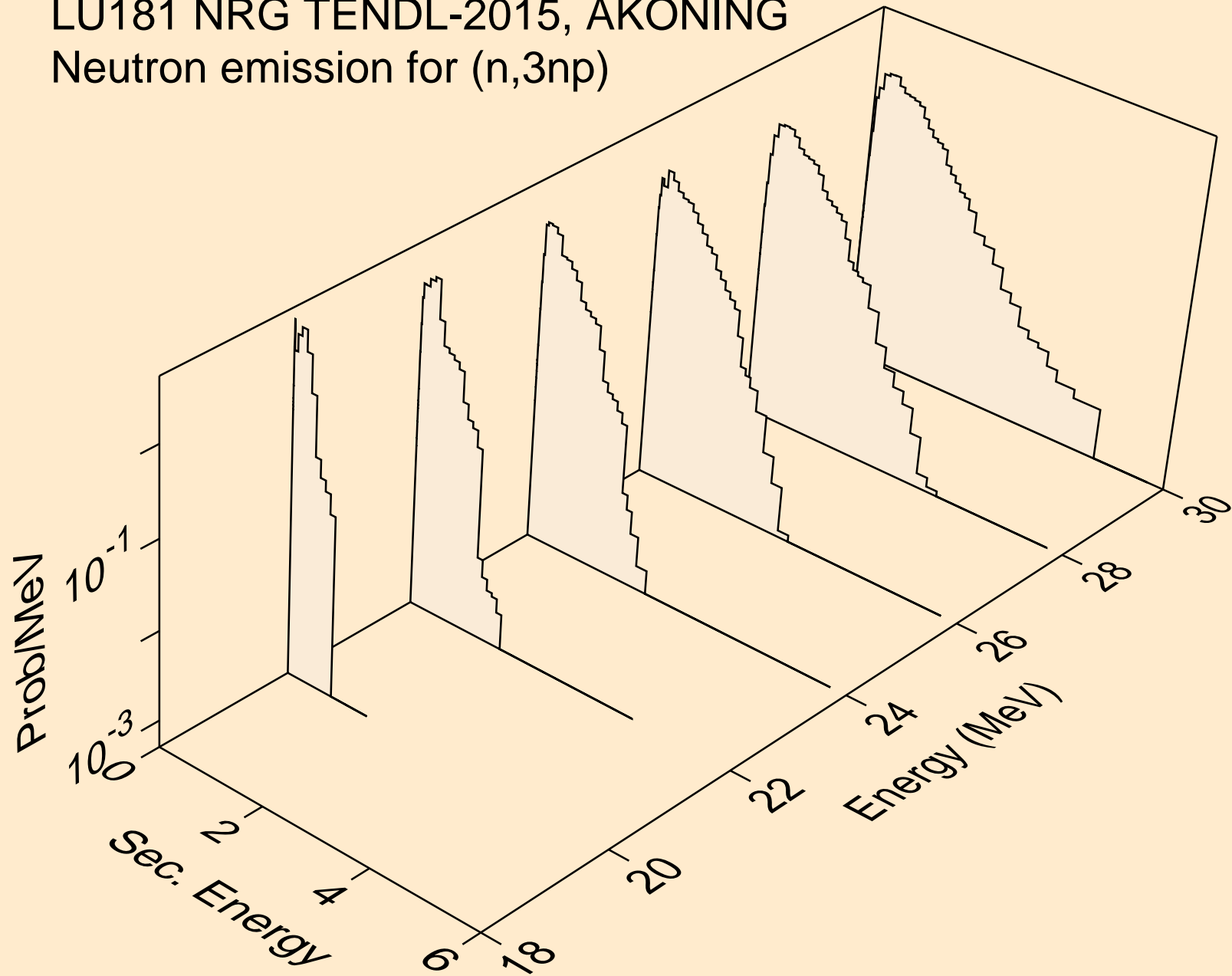




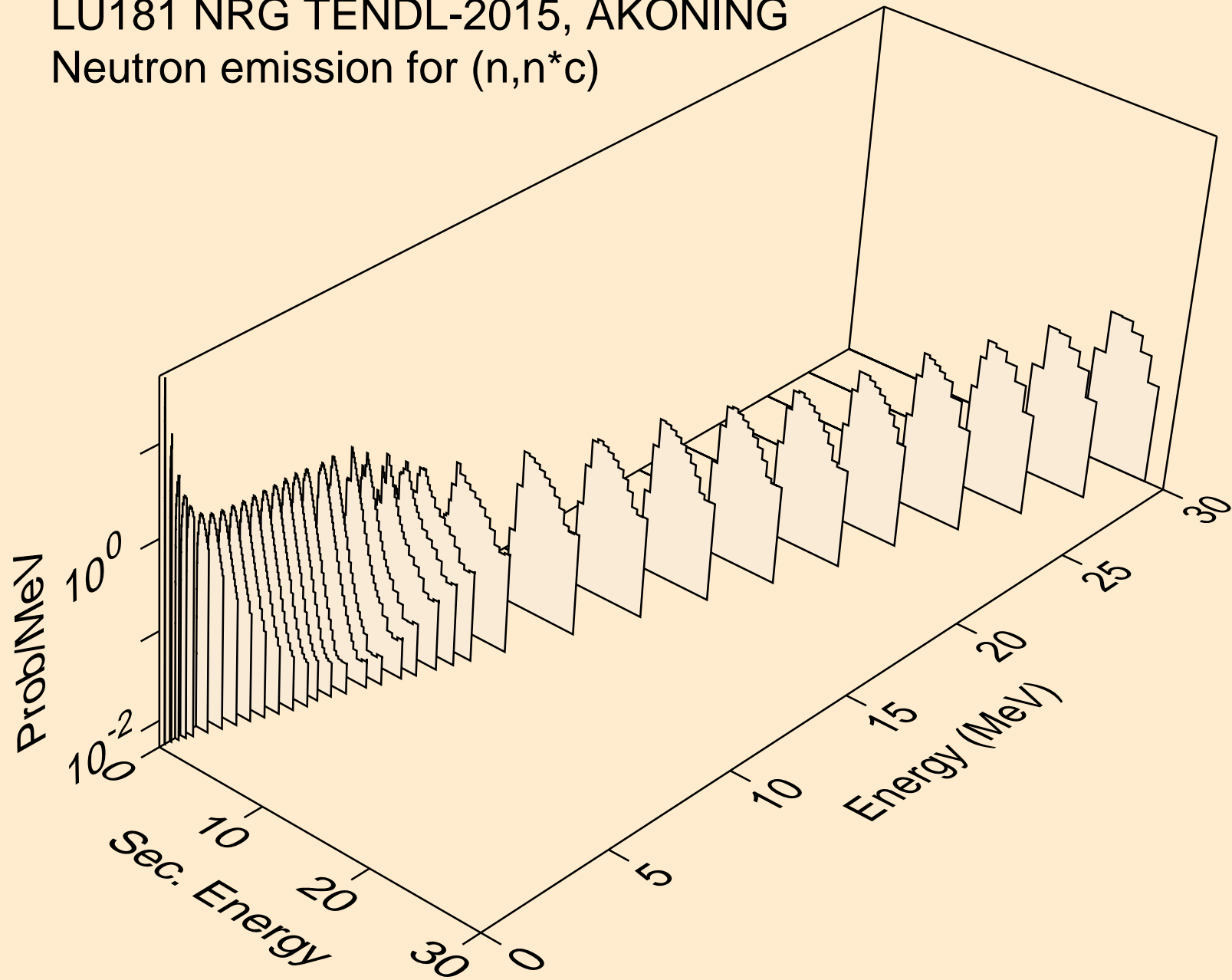
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



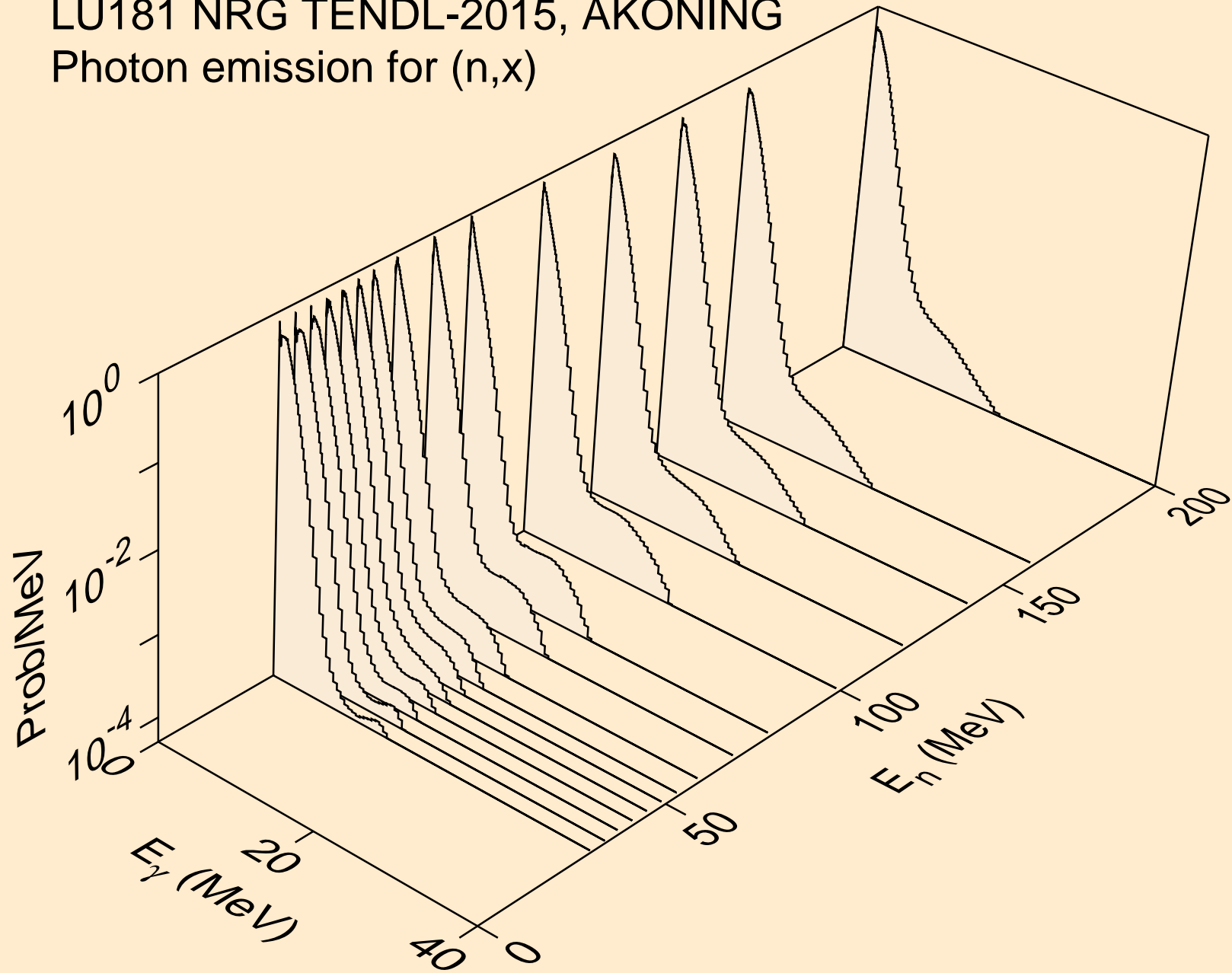
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



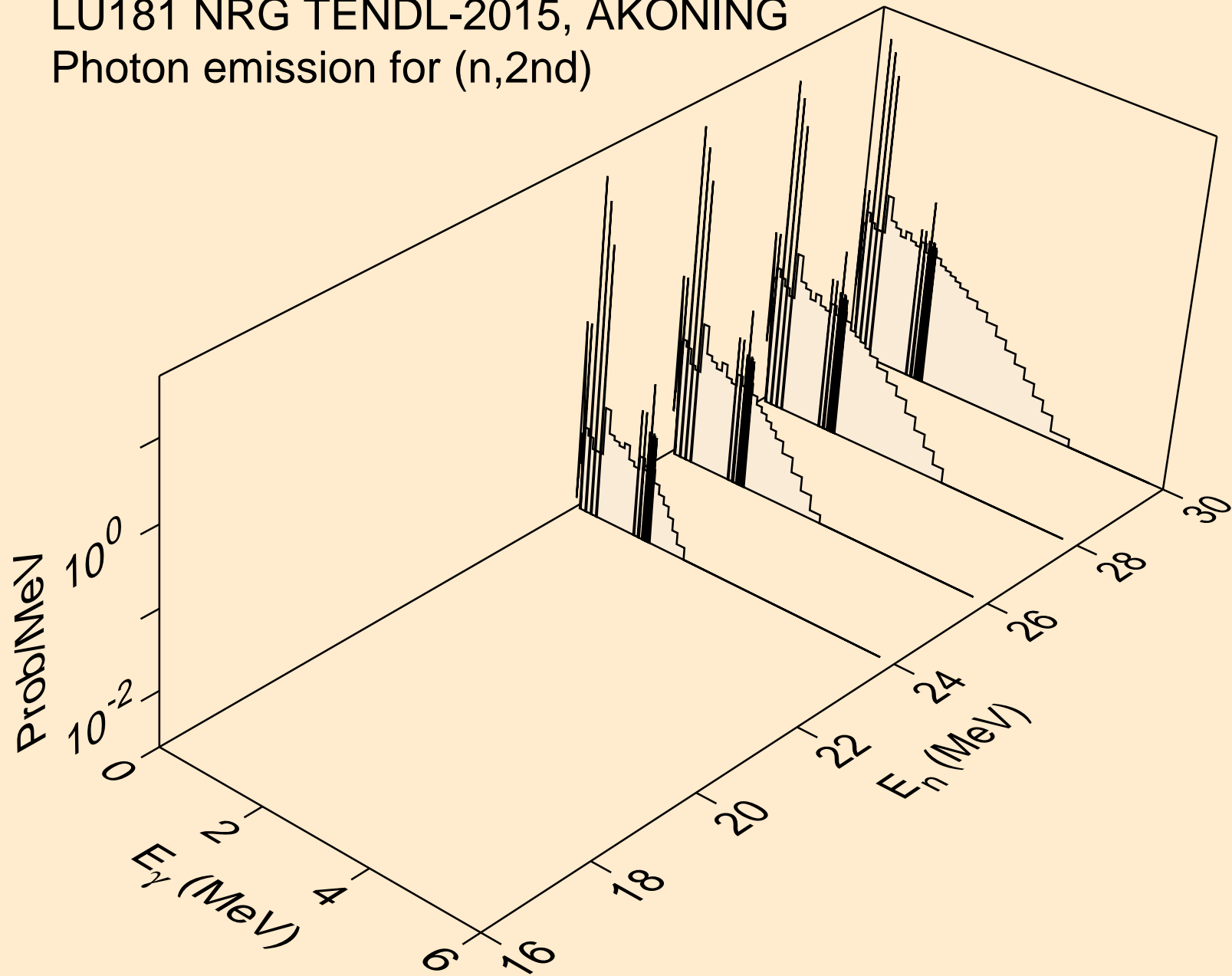
LU181 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



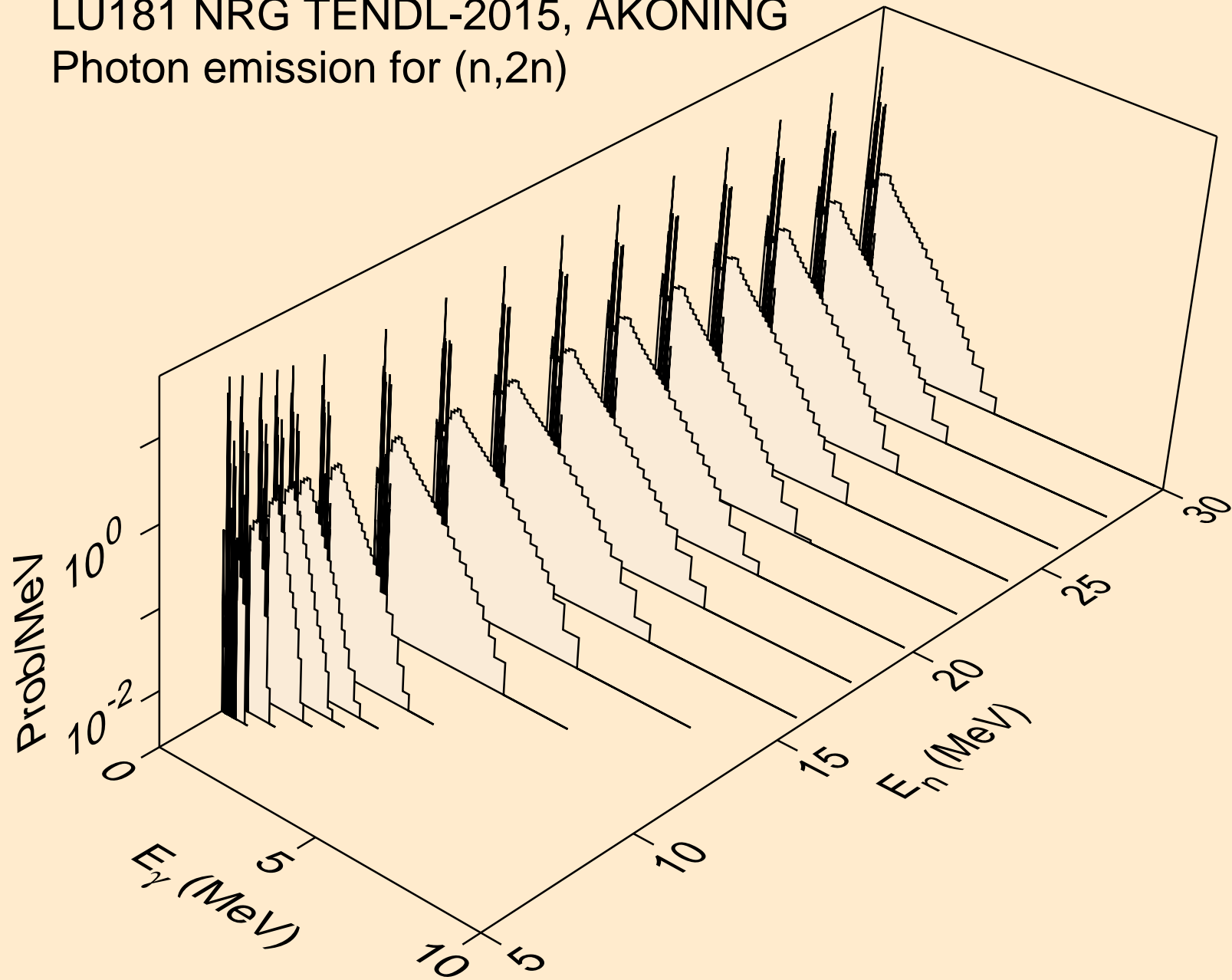
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



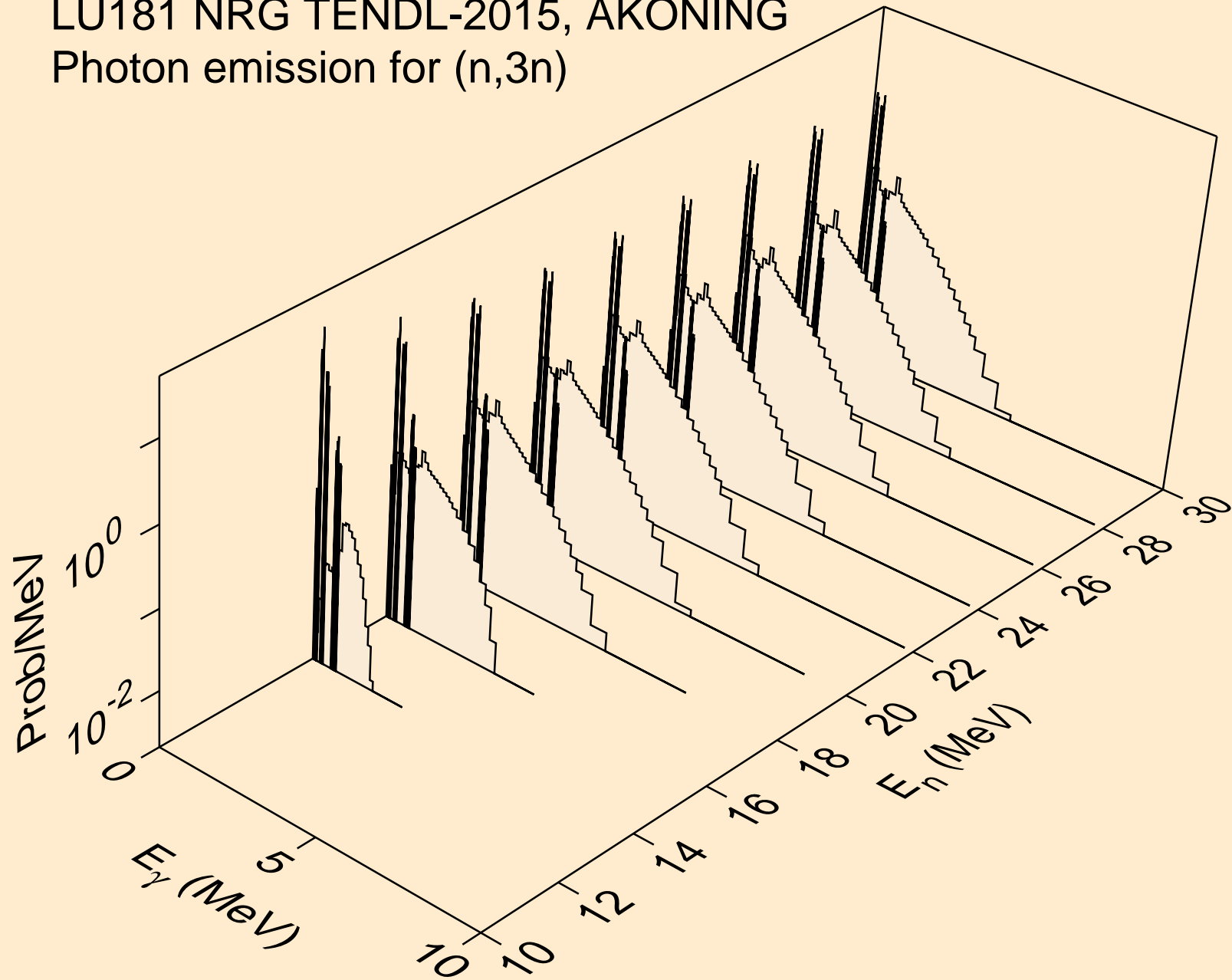
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



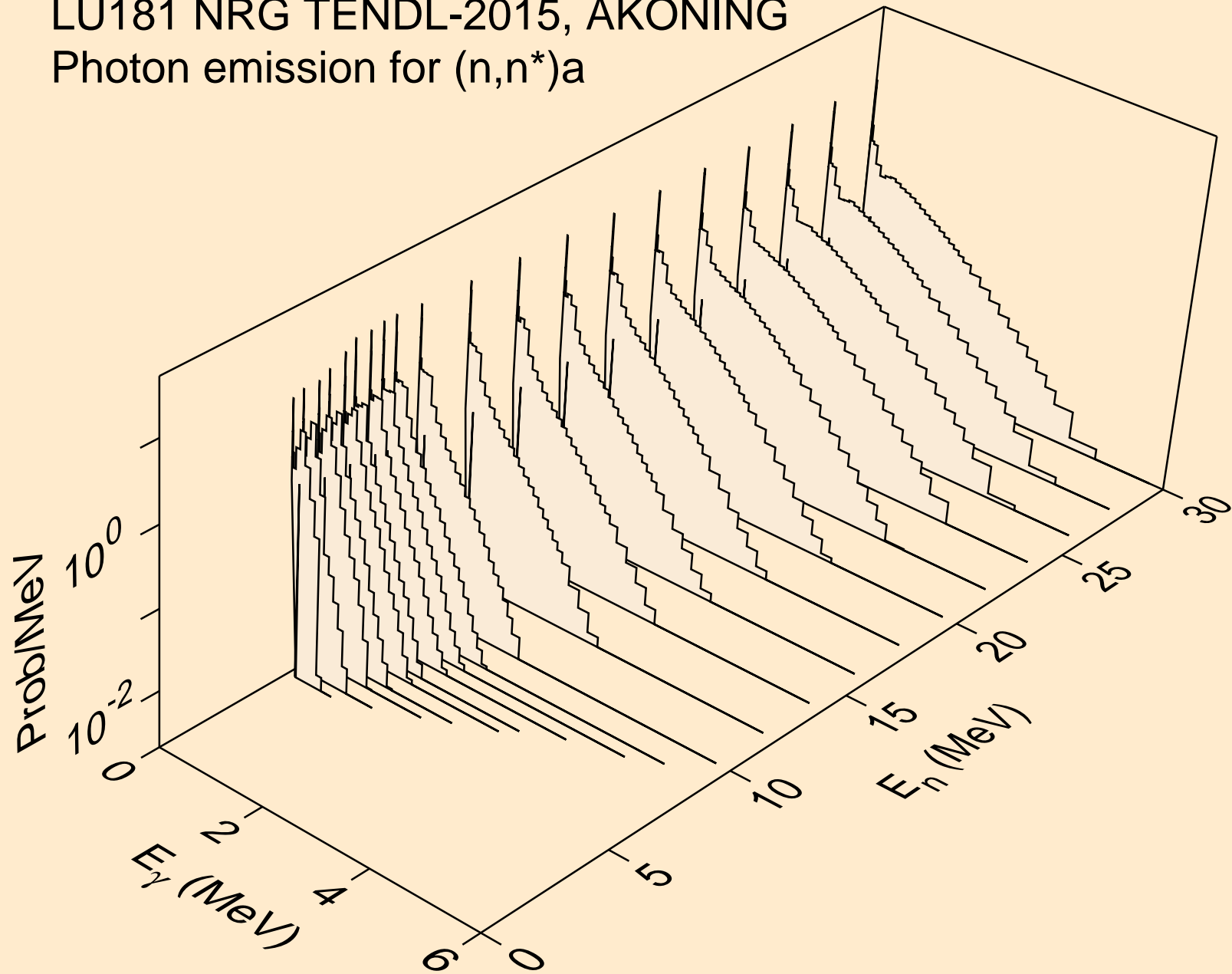
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

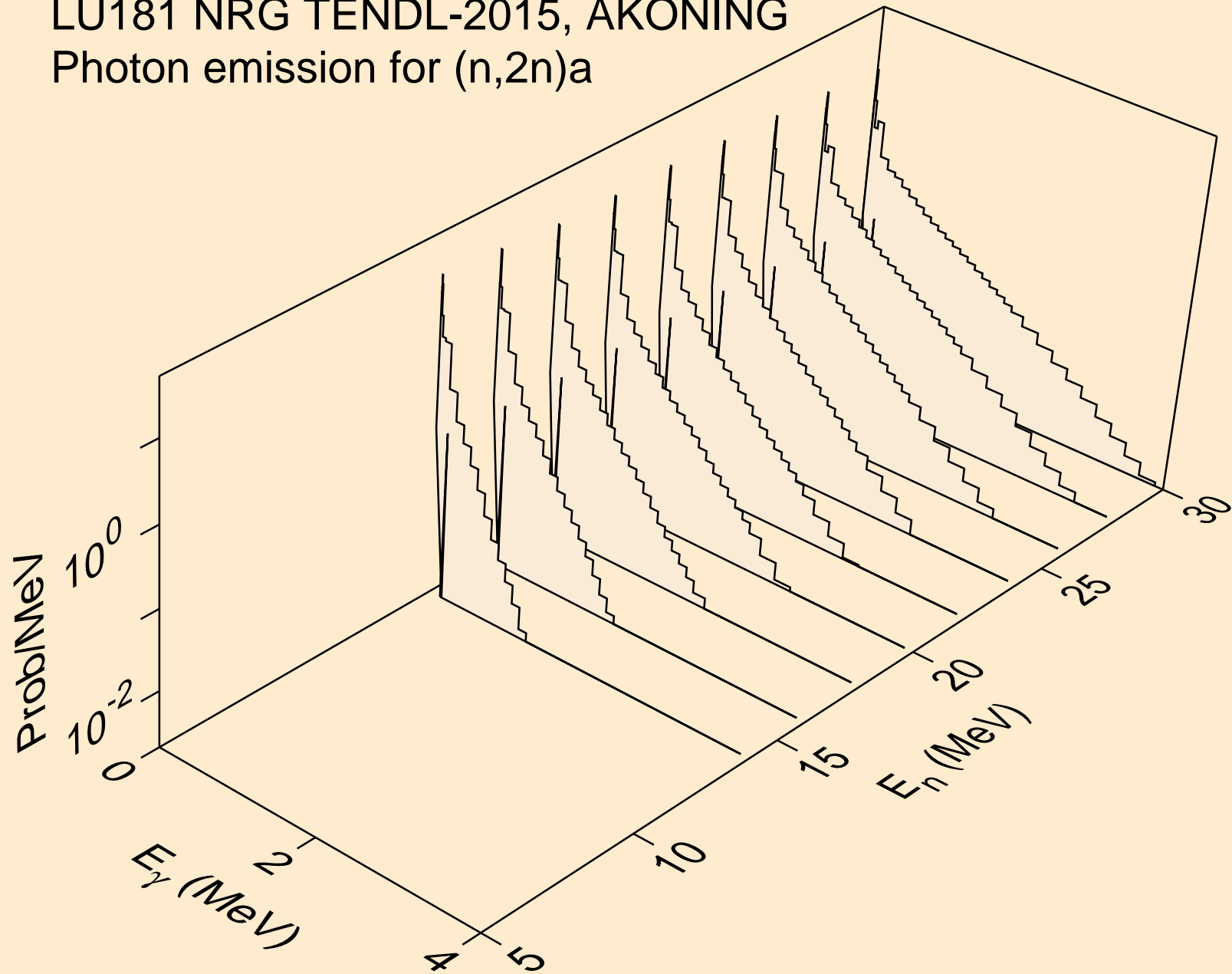


LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

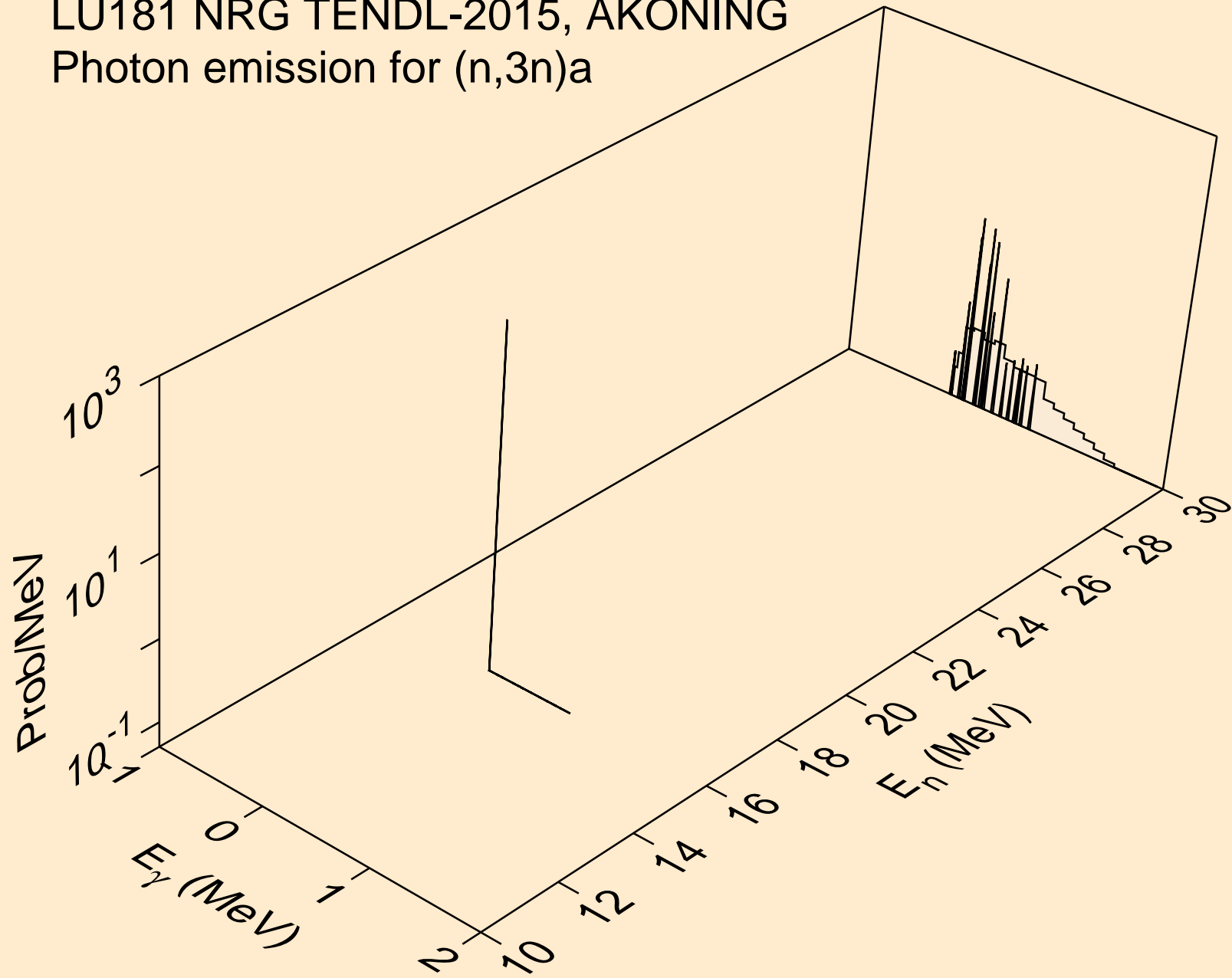




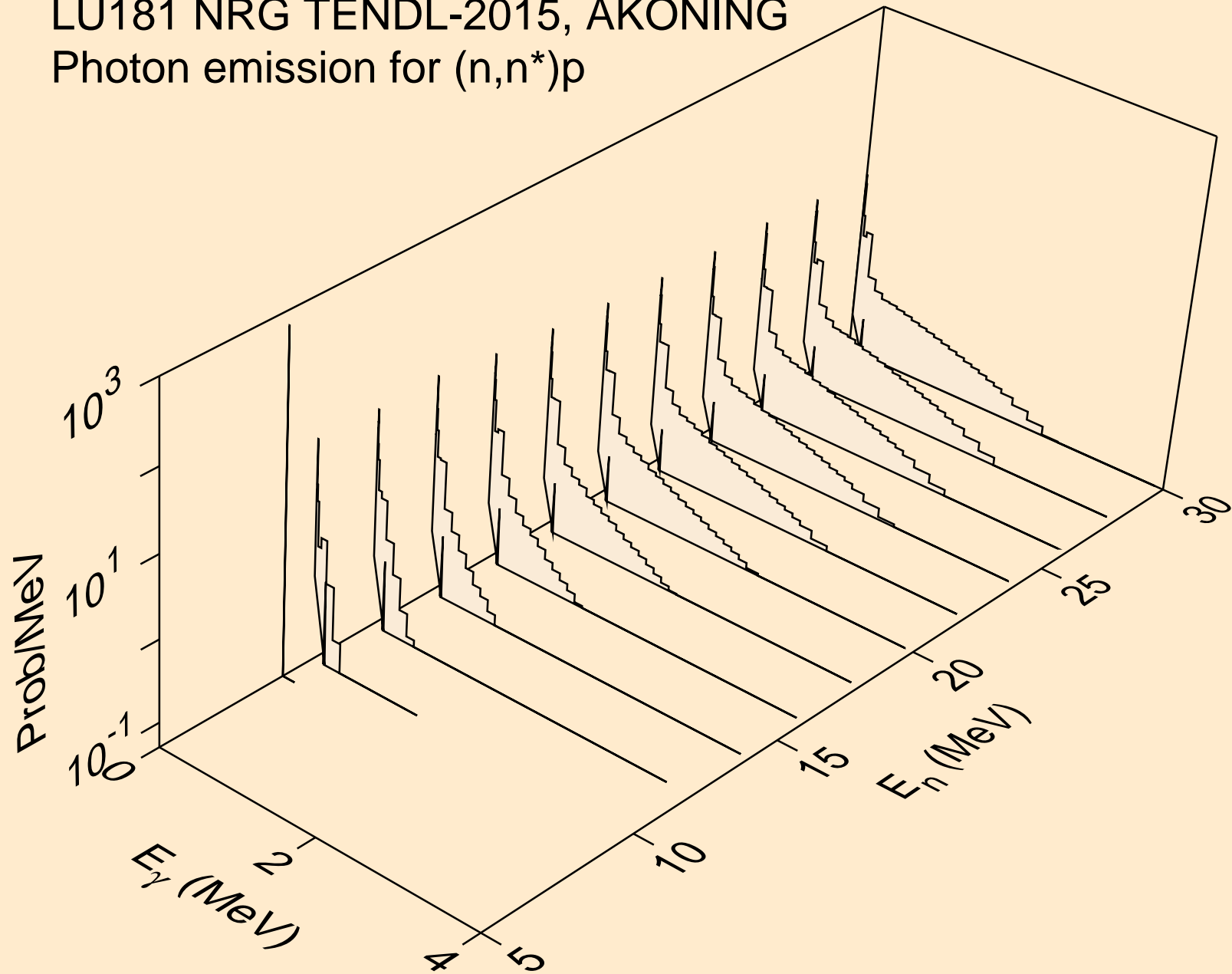
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$



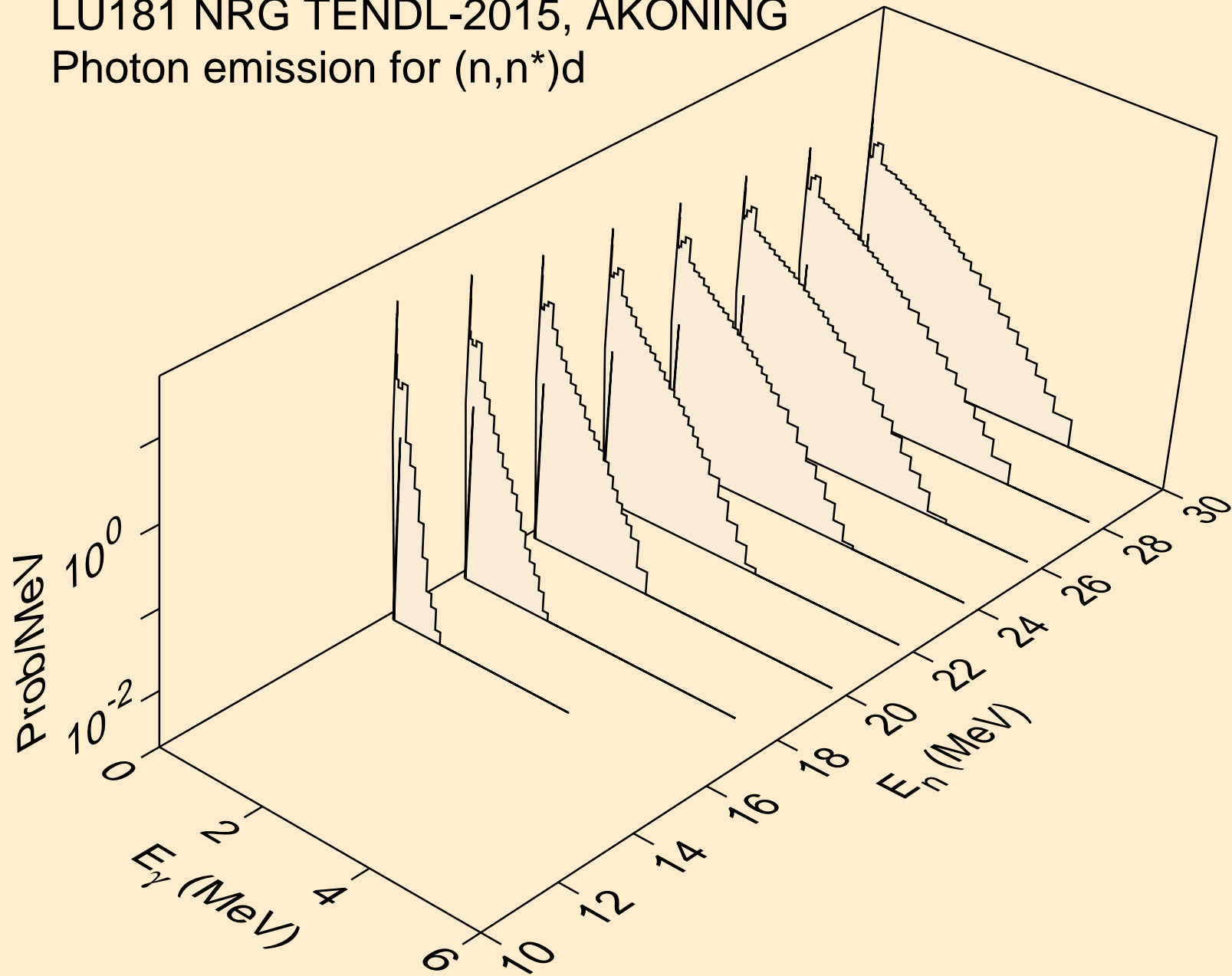
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



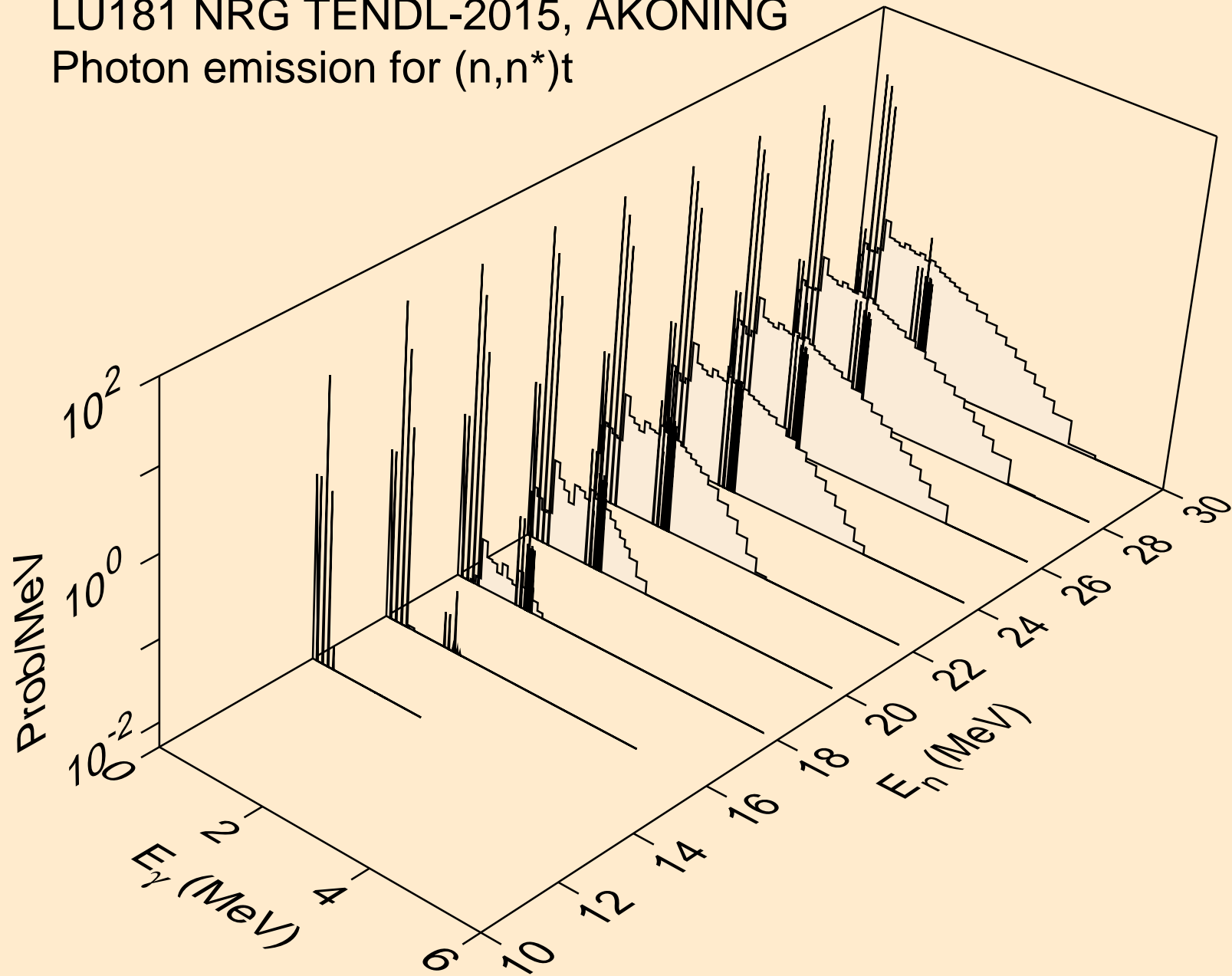
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



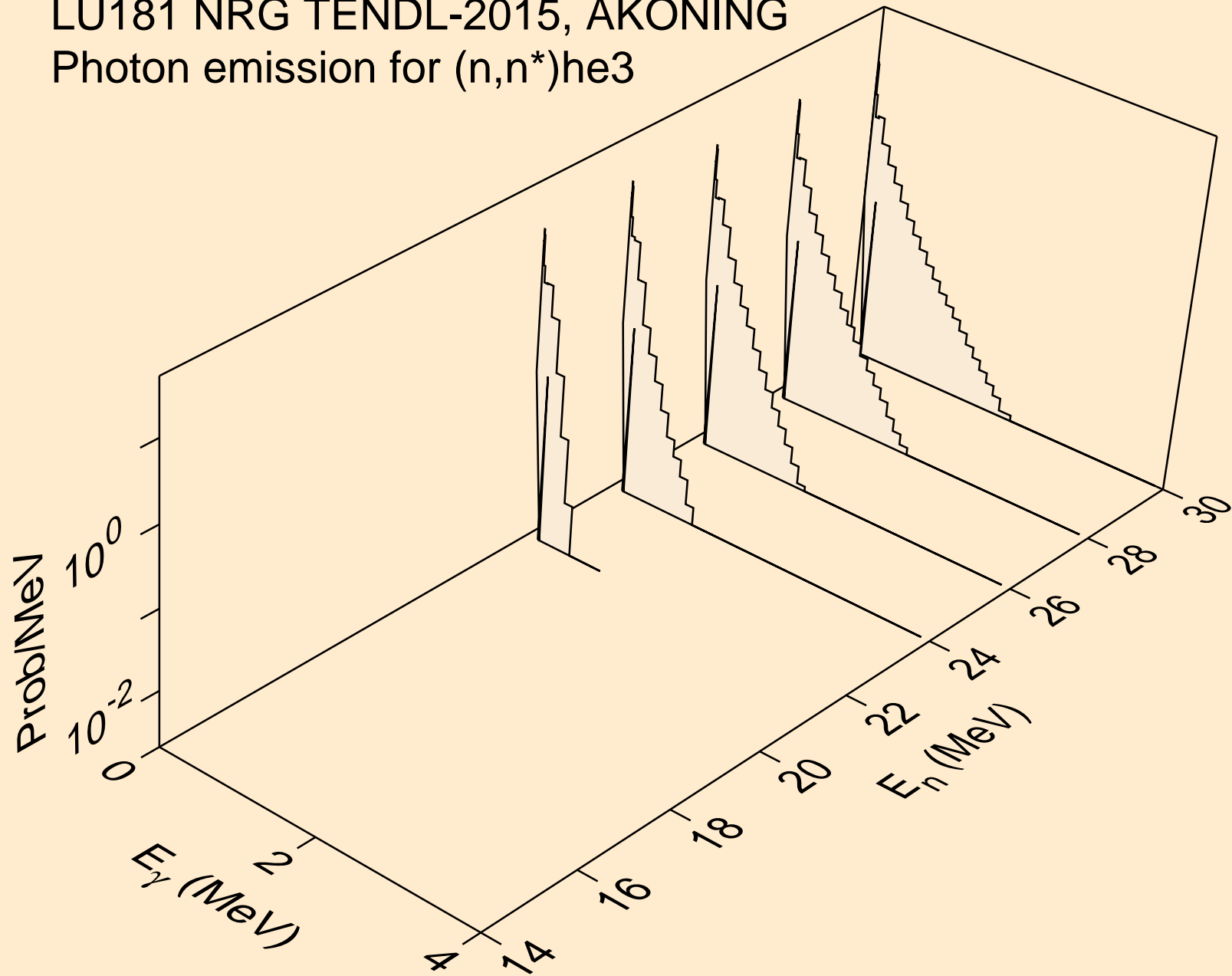
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



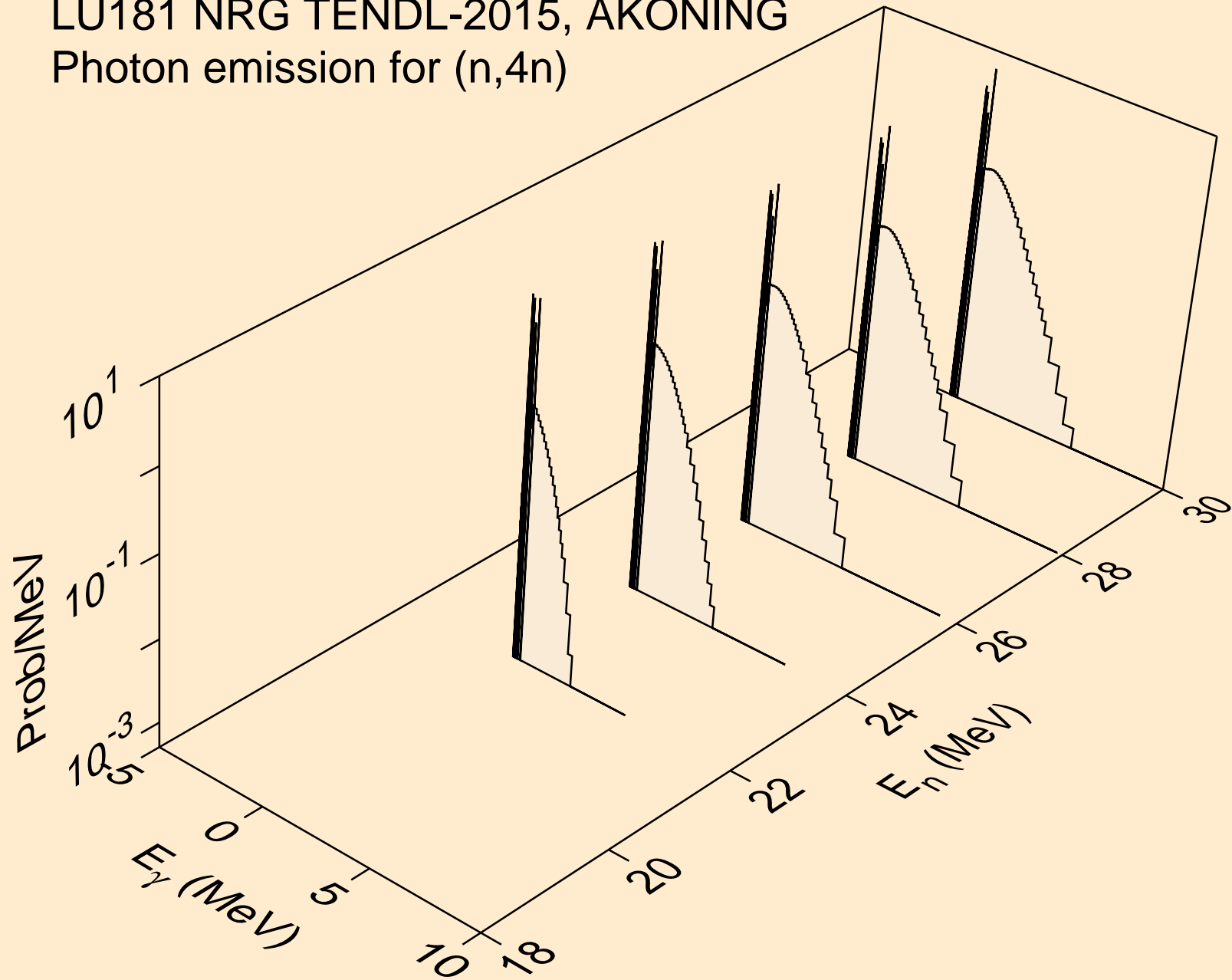
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



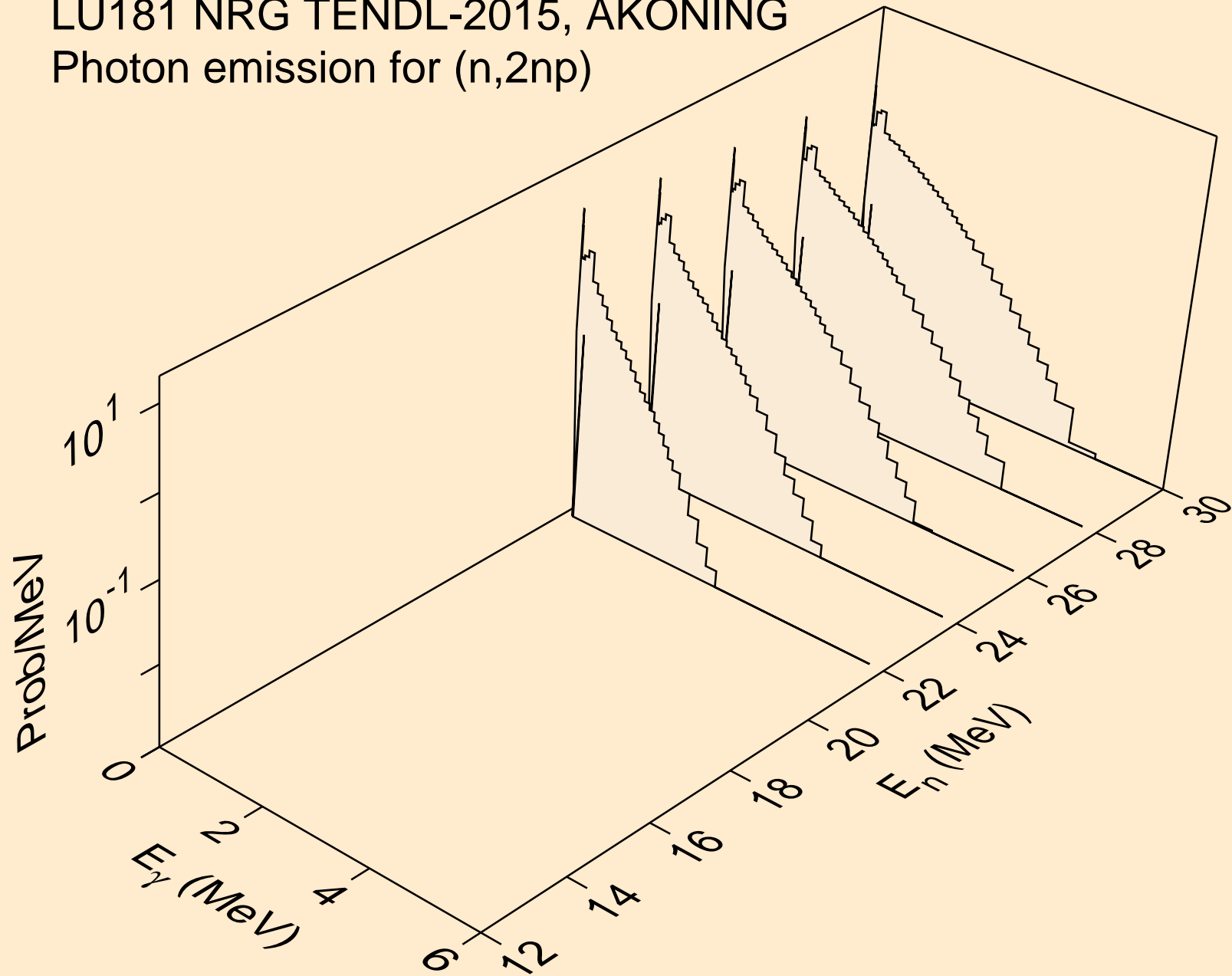
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

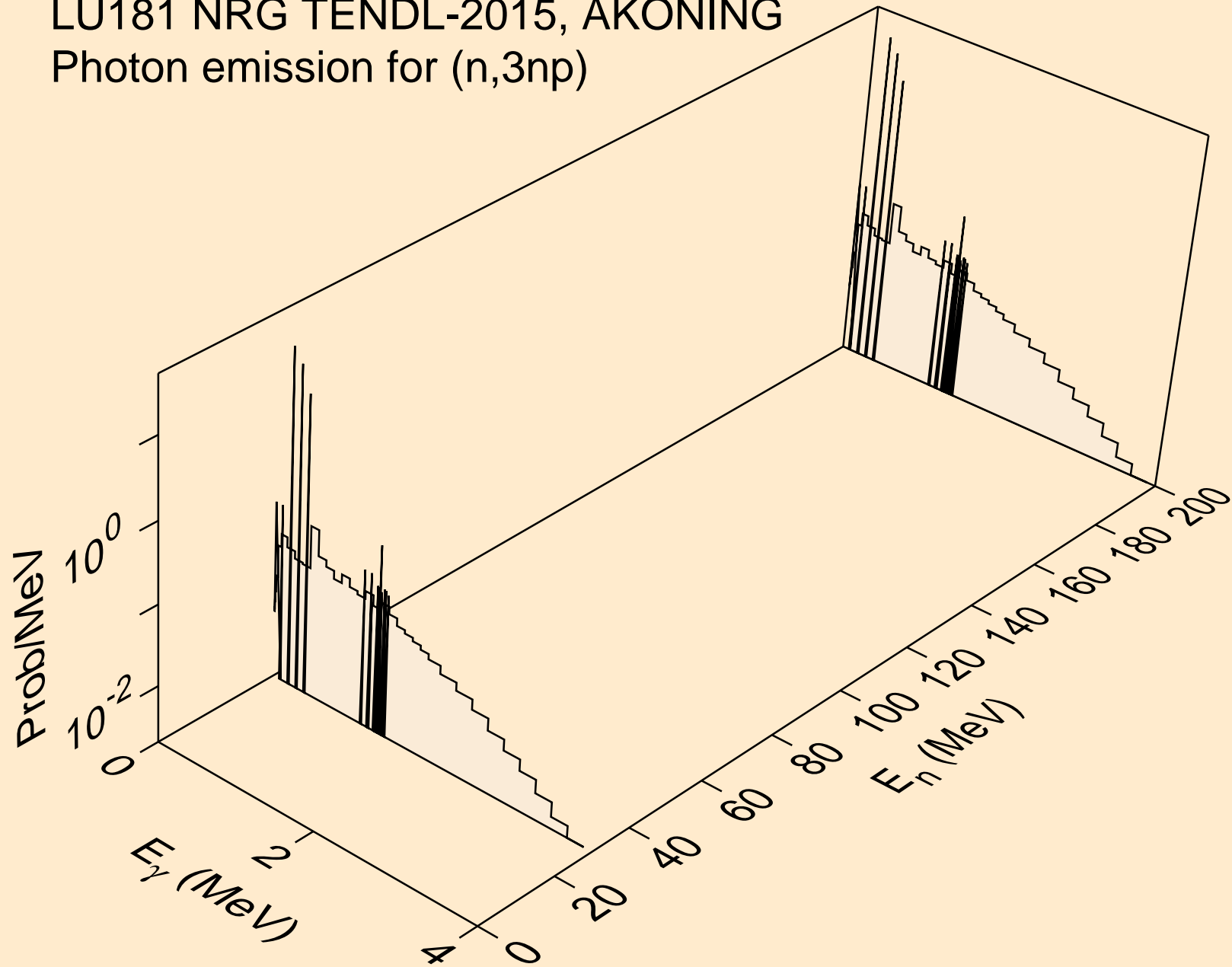


LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

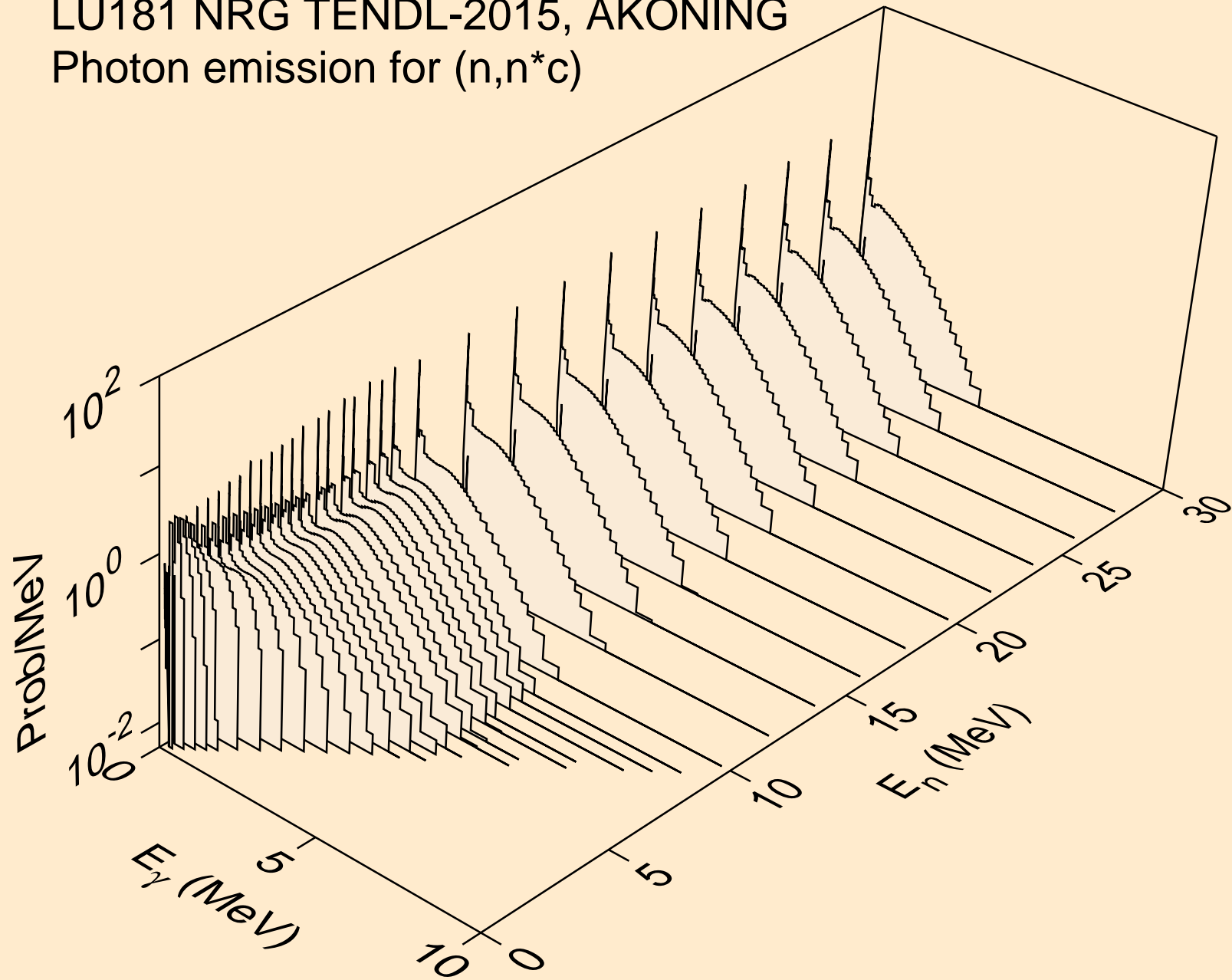




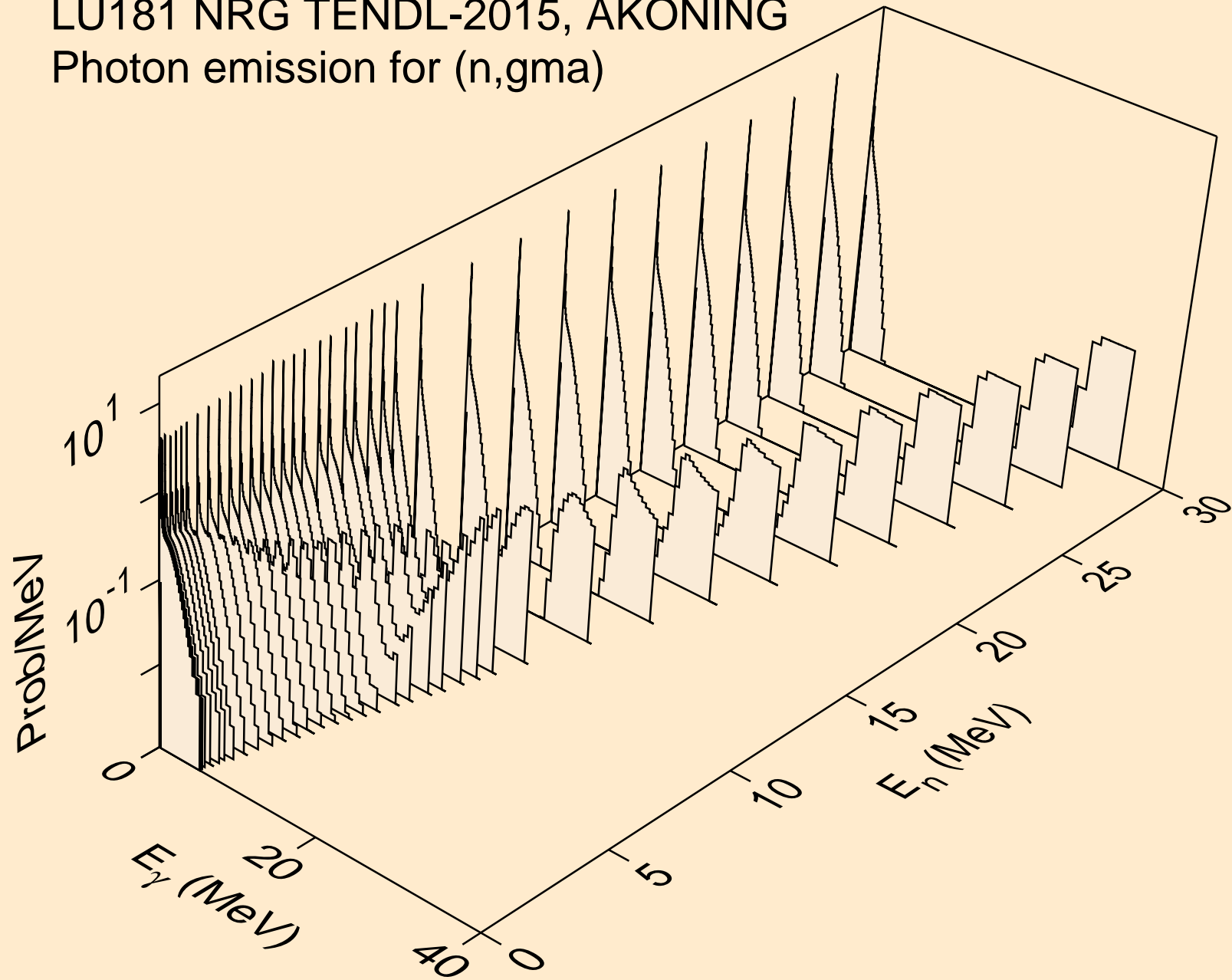
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



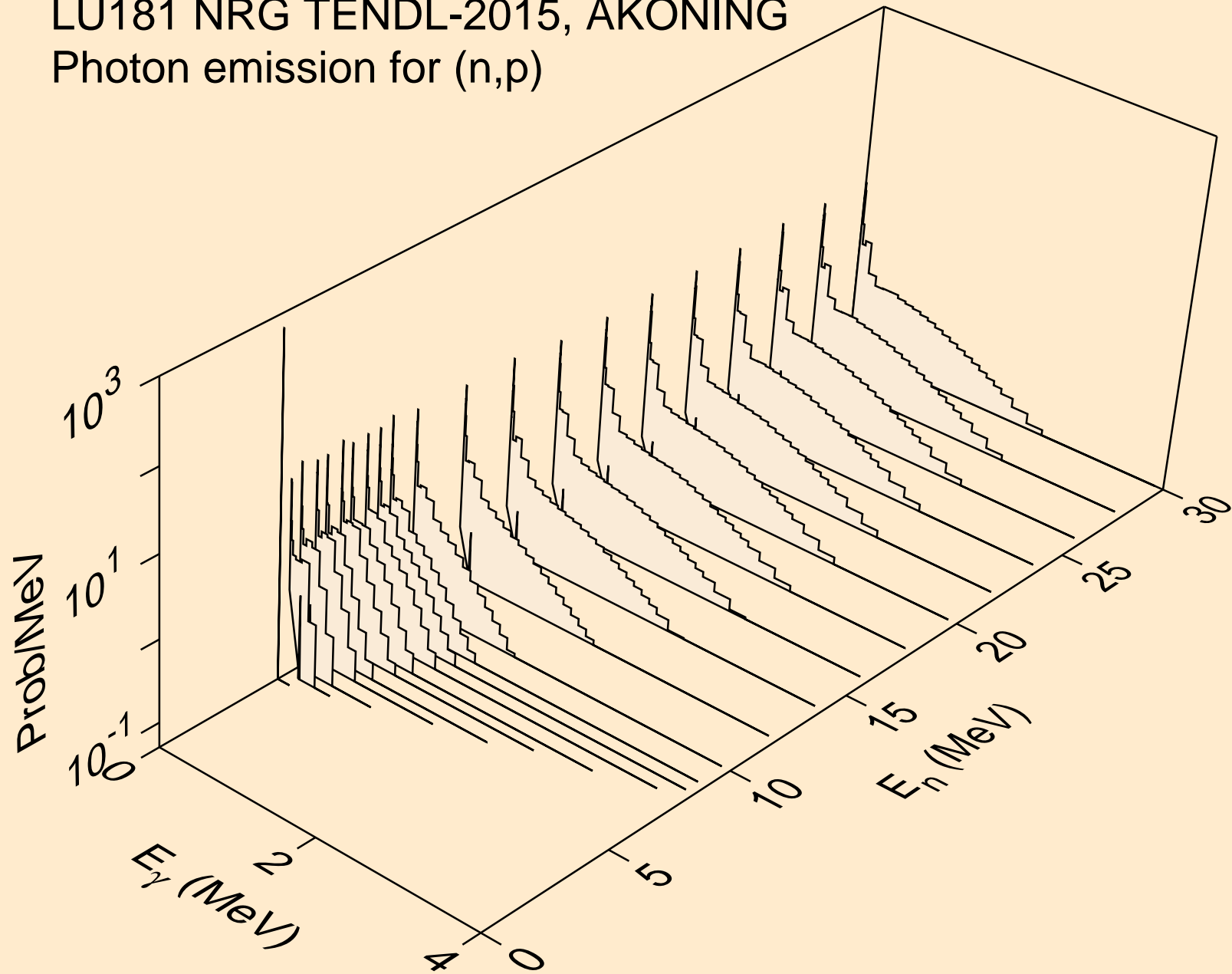
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



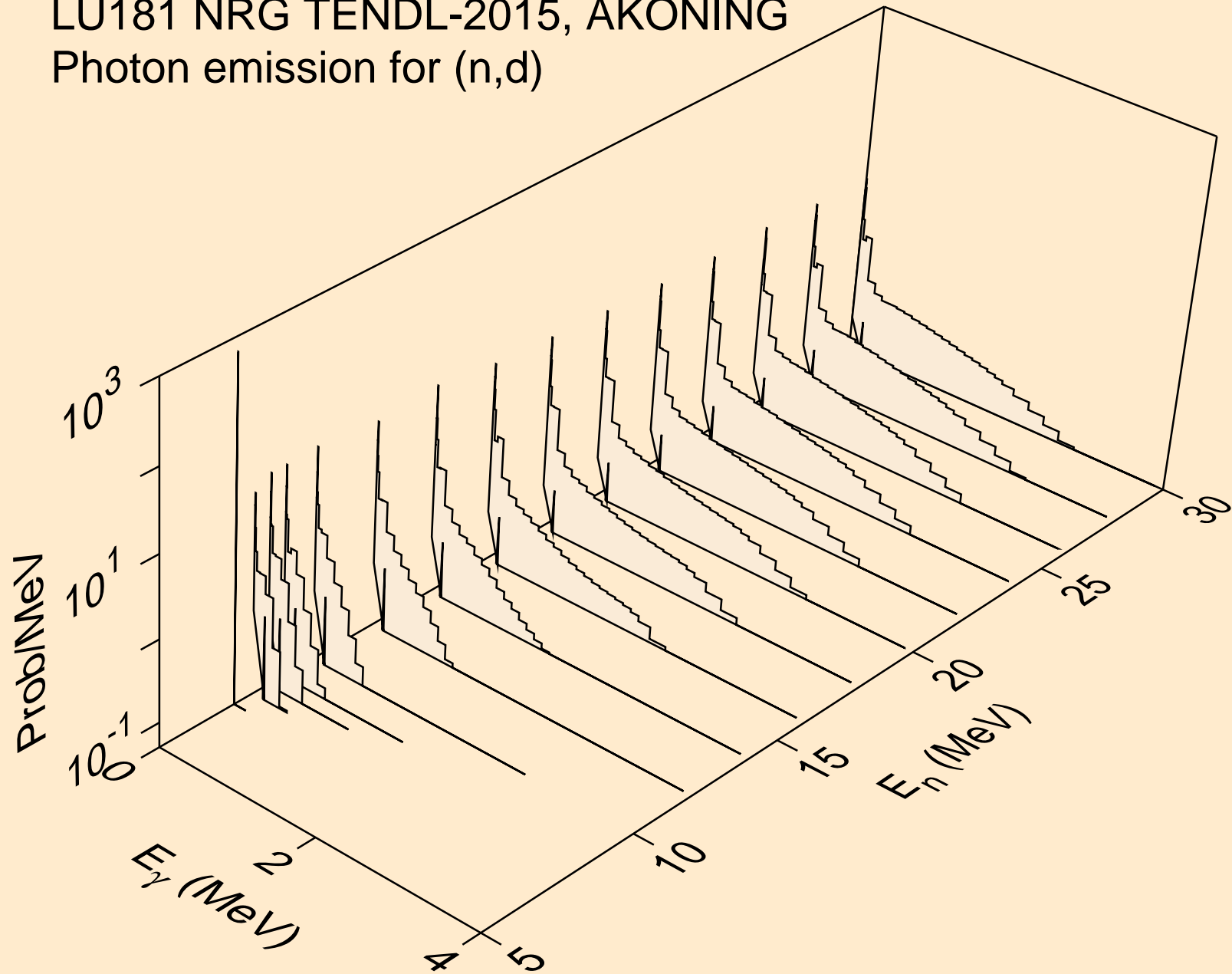
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



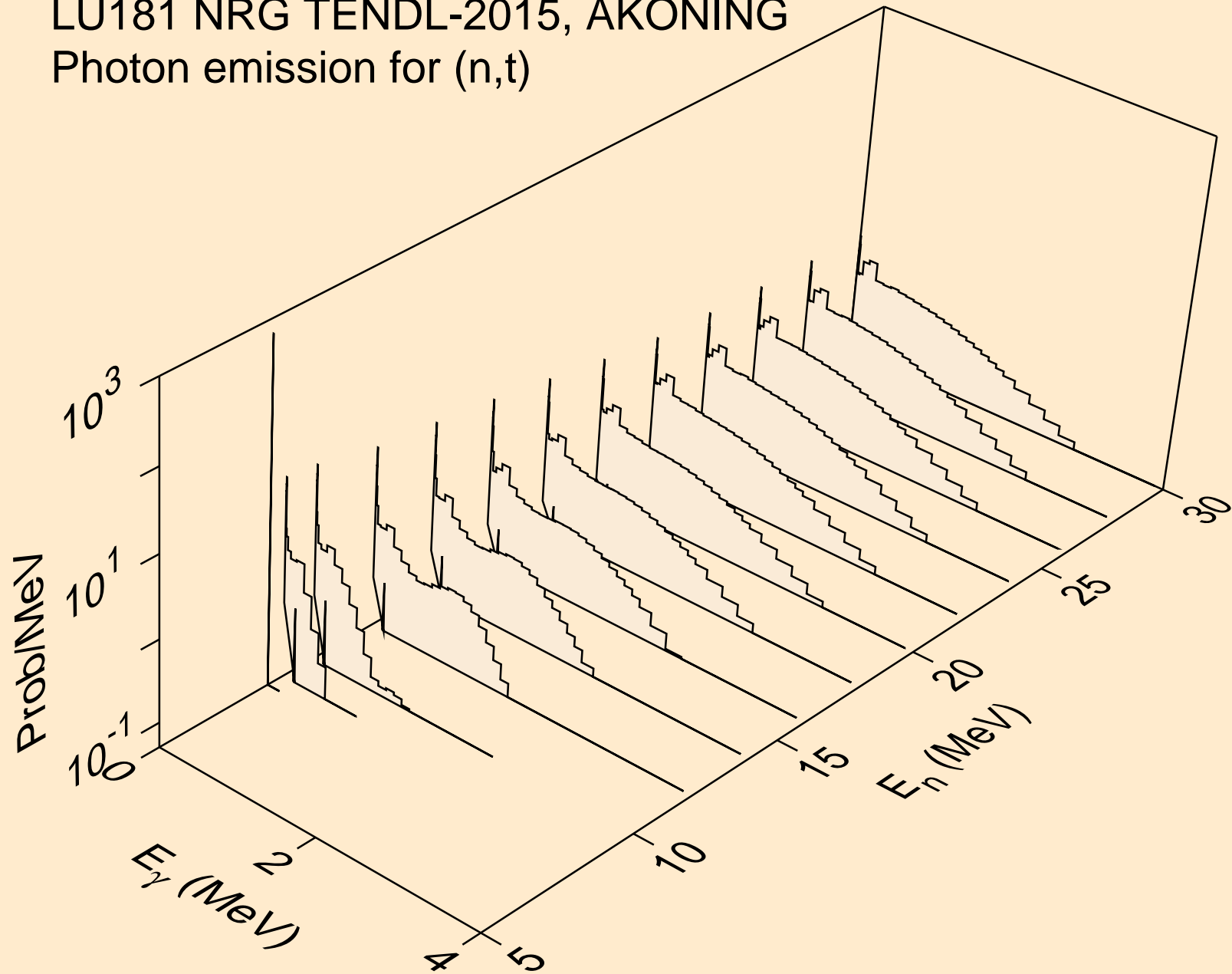
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



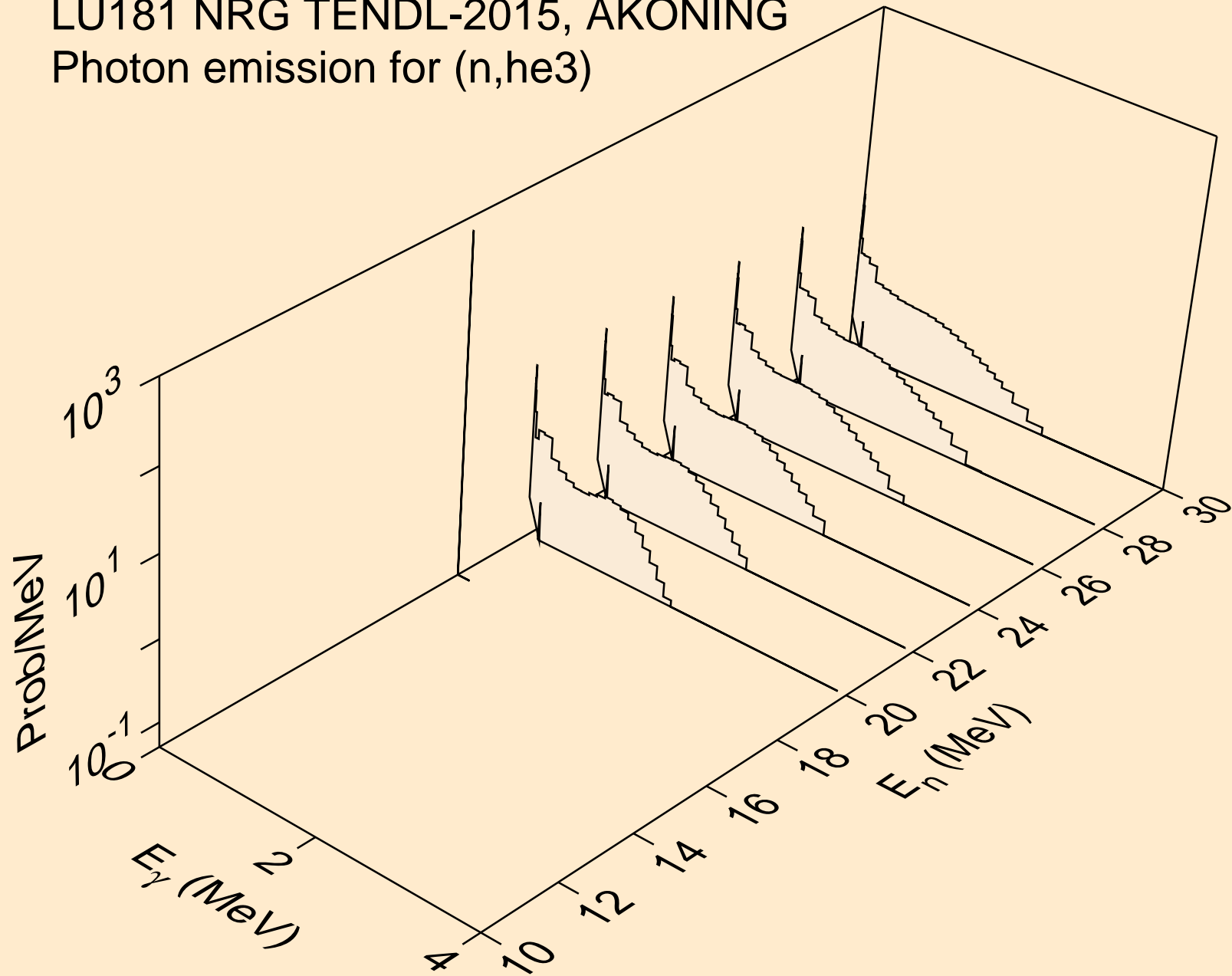
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



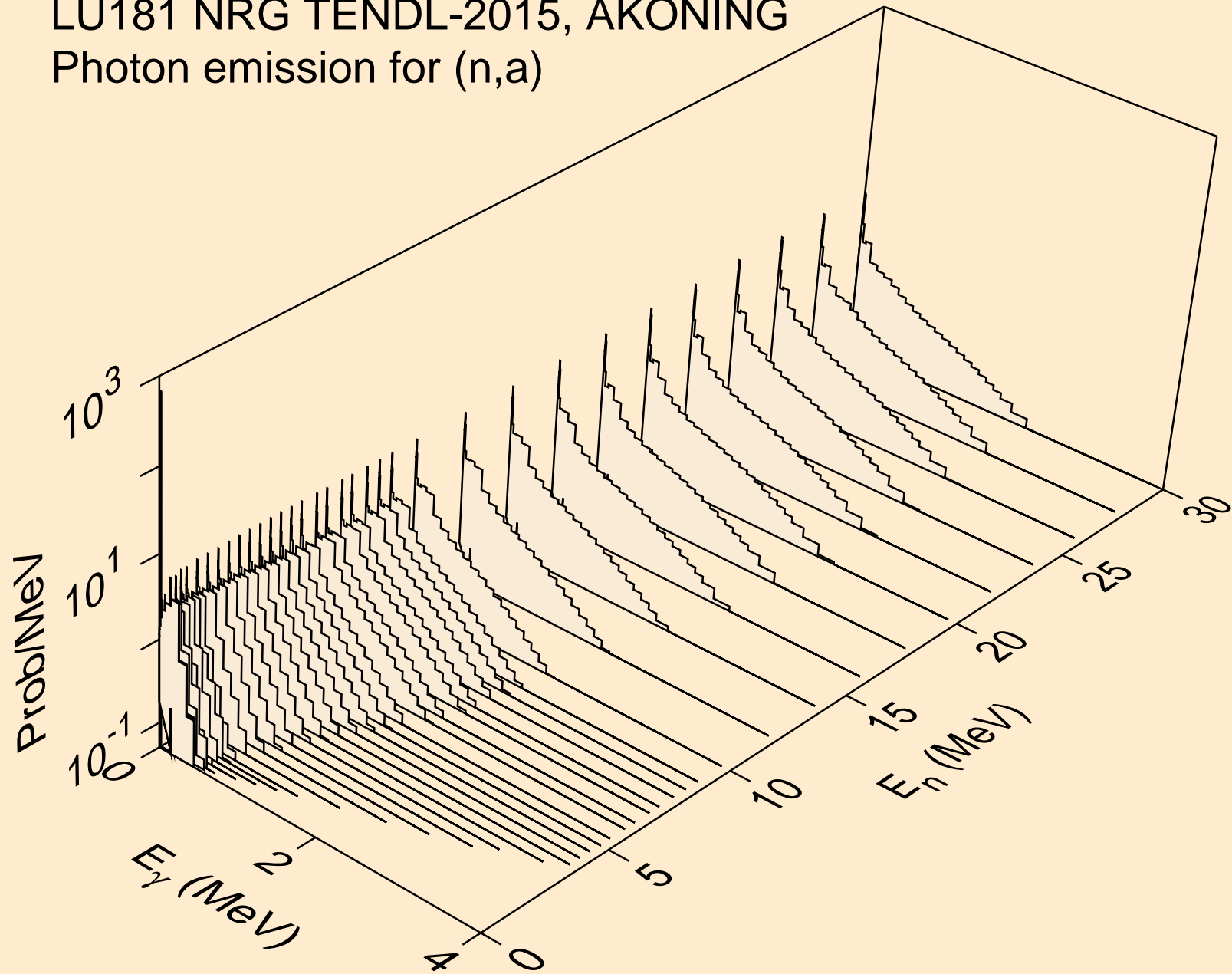
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

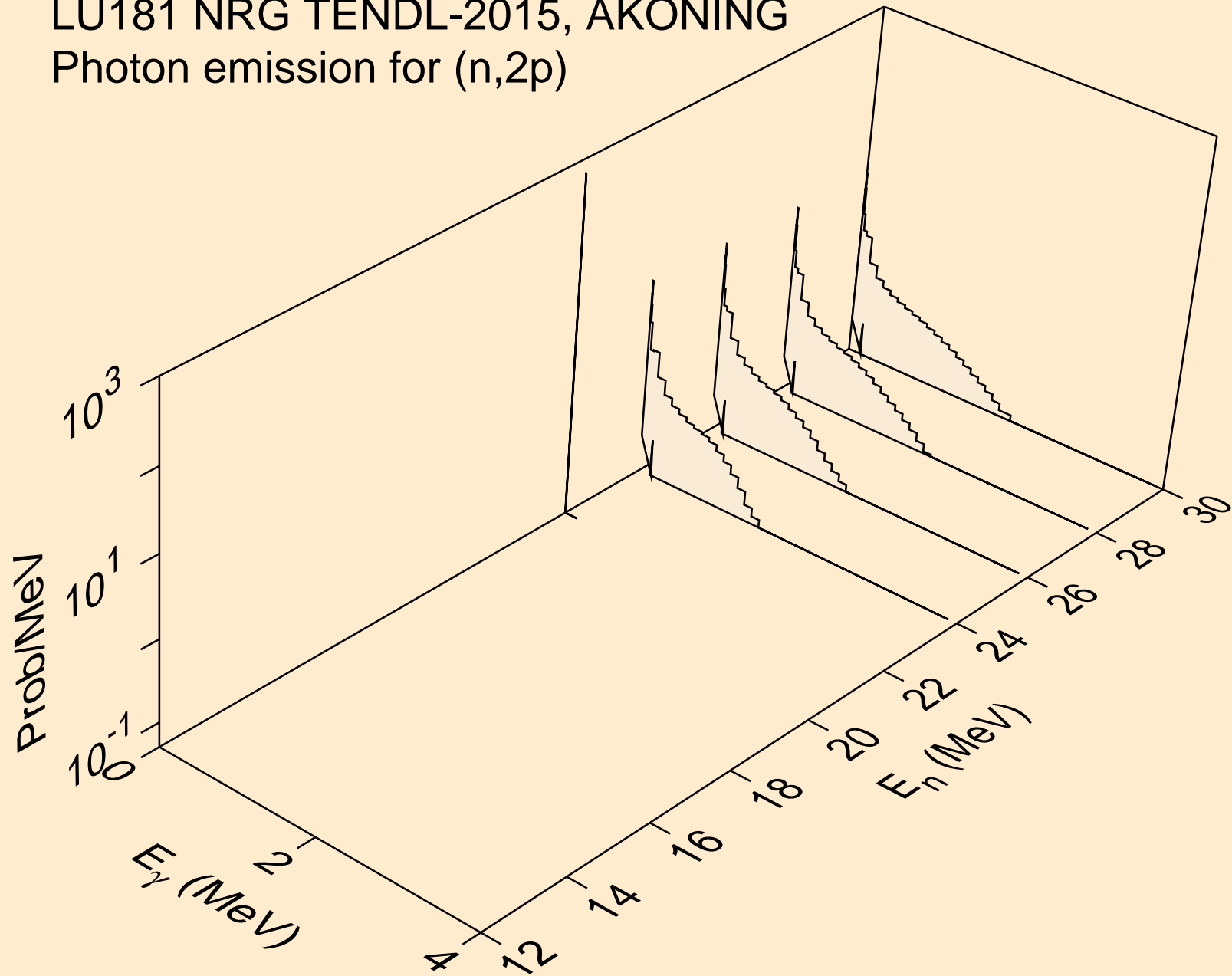


LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

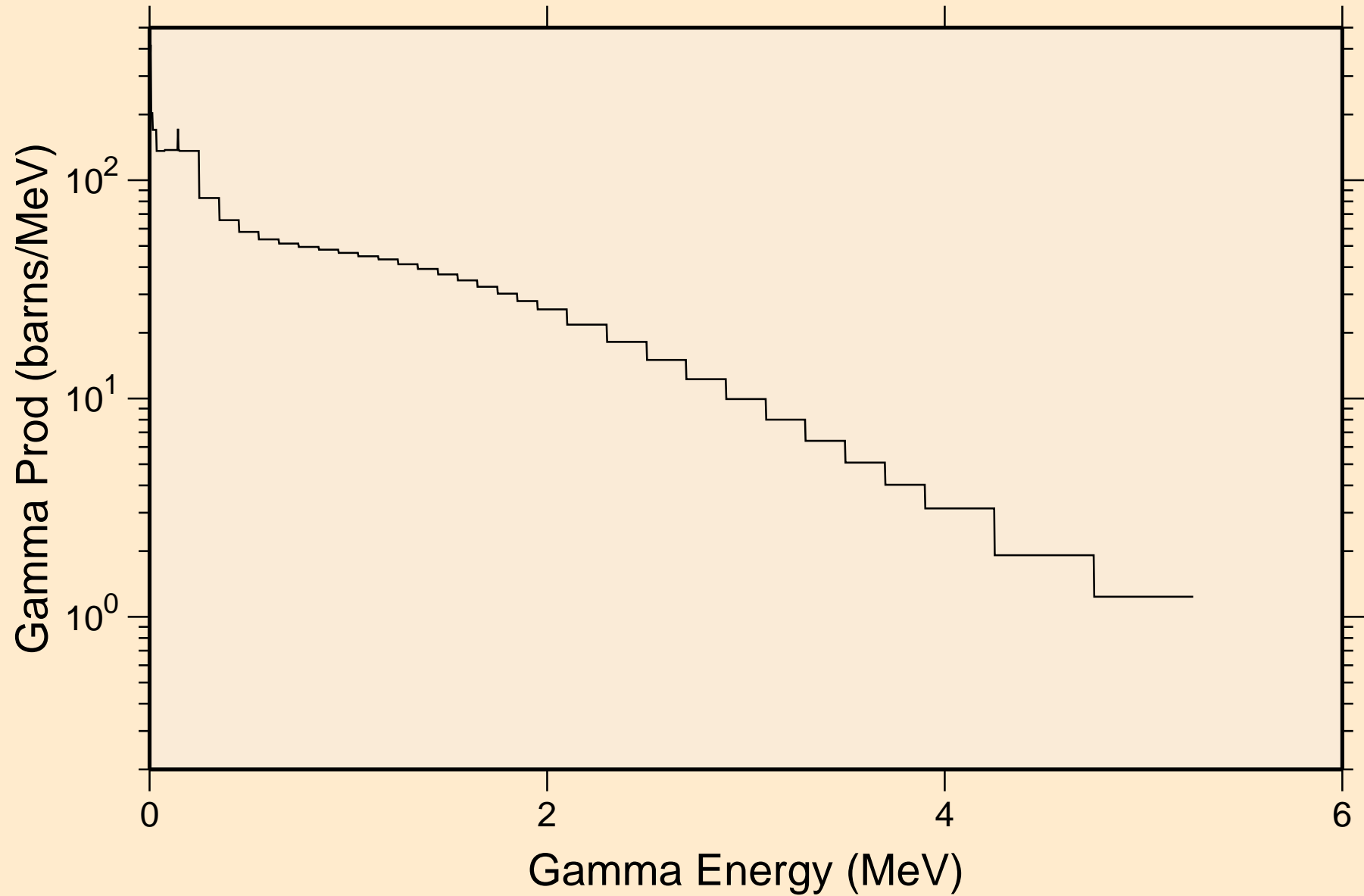




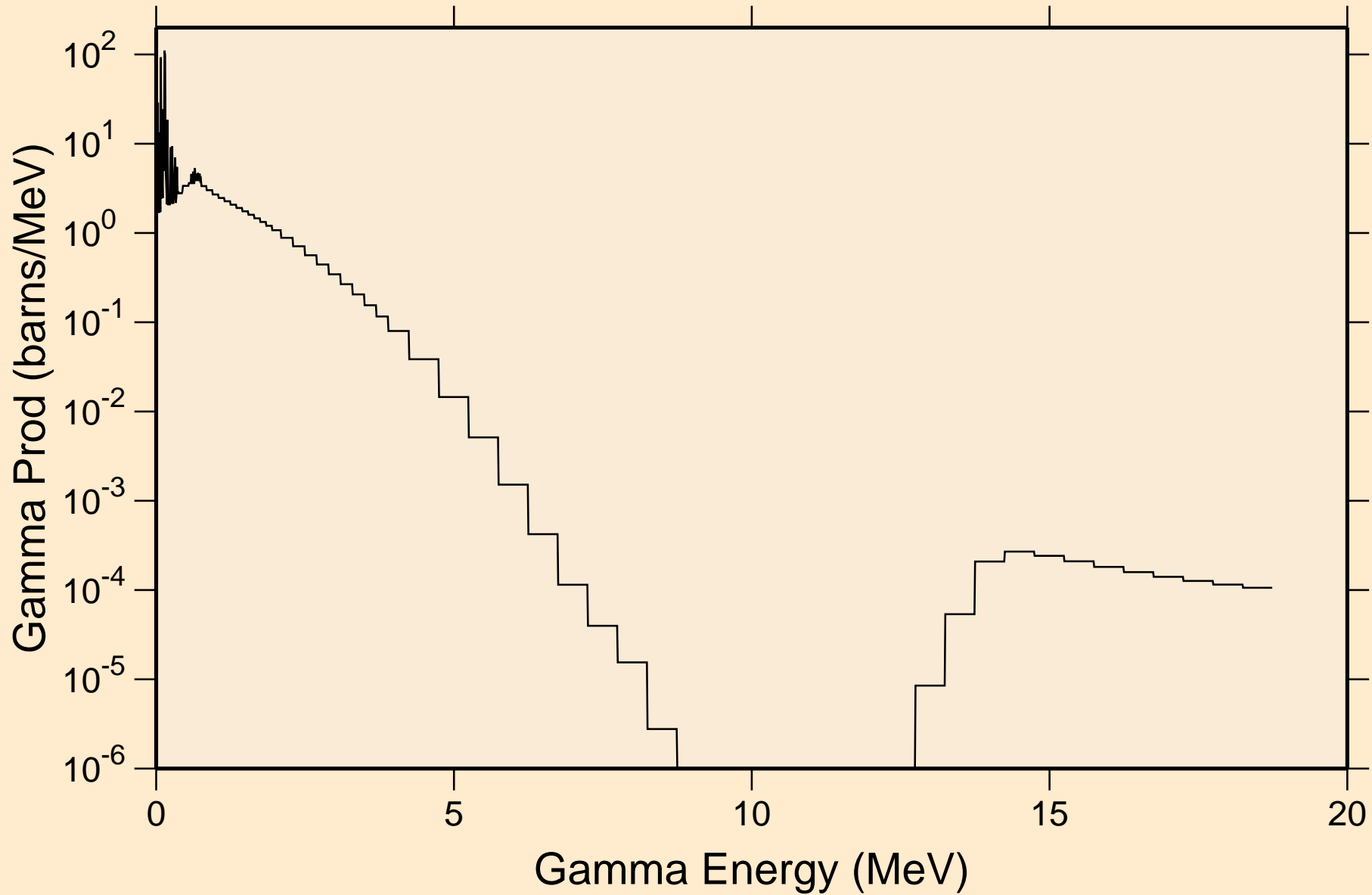
LU181 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



LU181 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

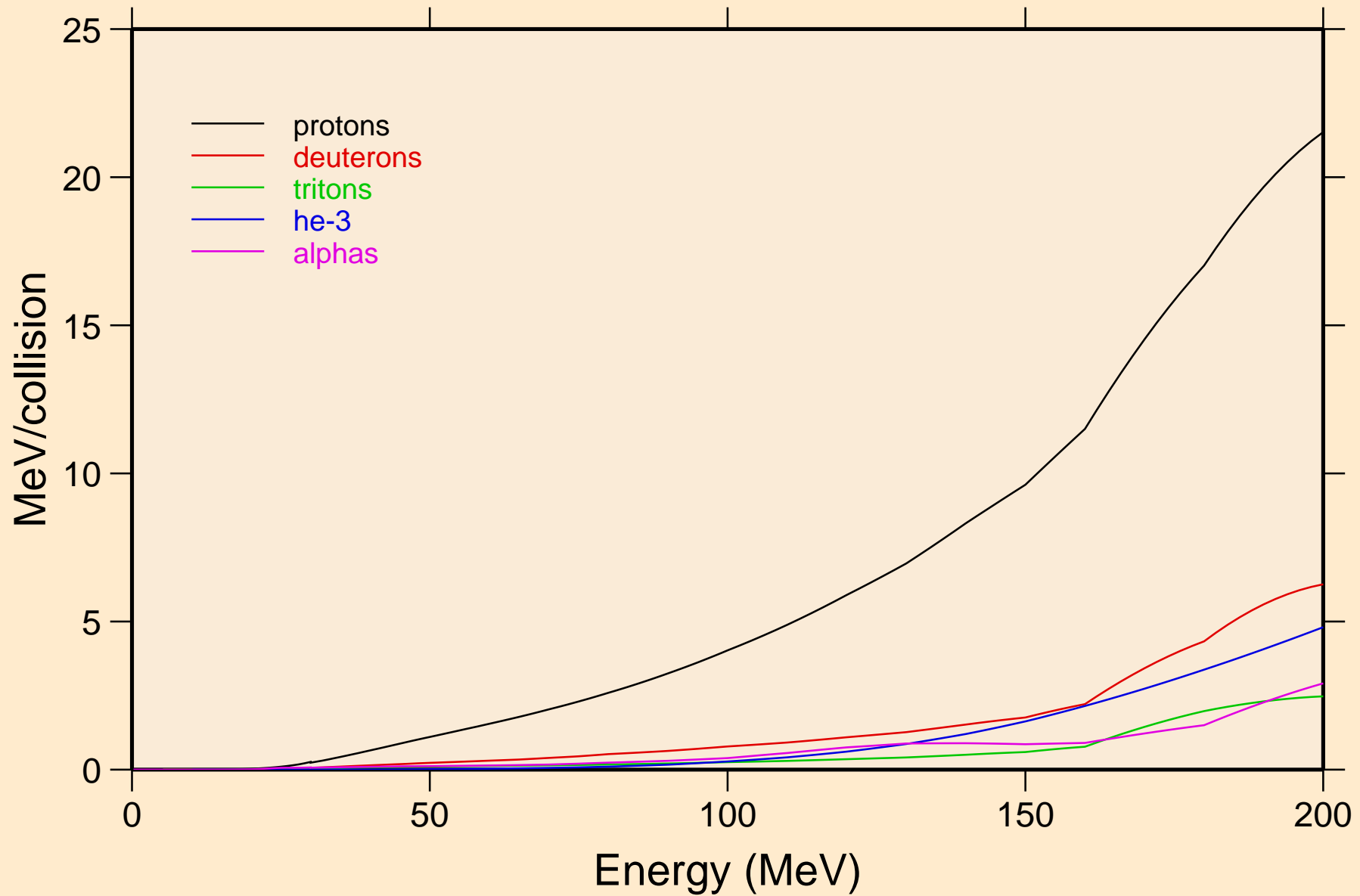


LU181 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



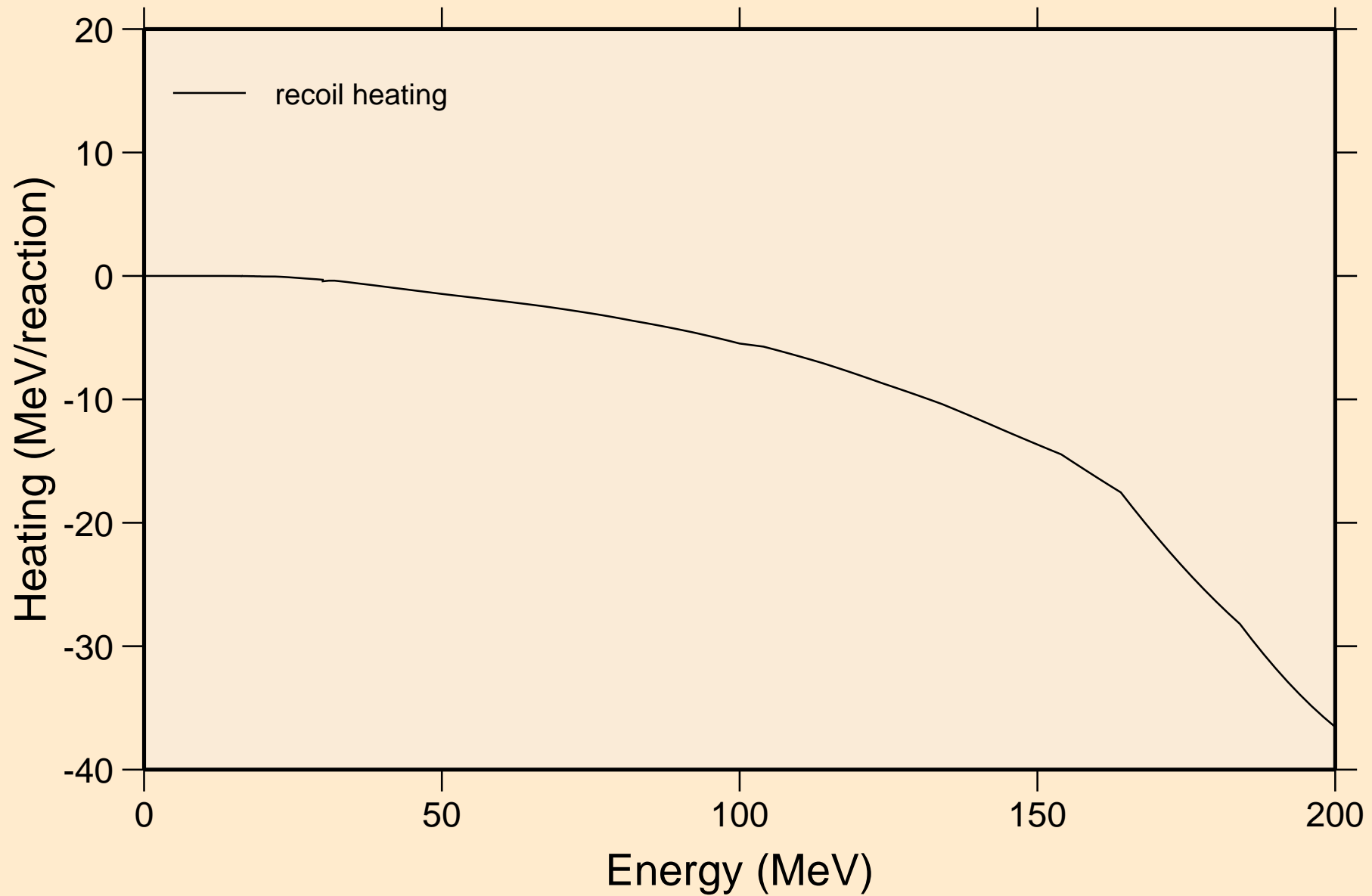
# LU181 NRG TENDL-2015, AKONING

## Particle heating contributions



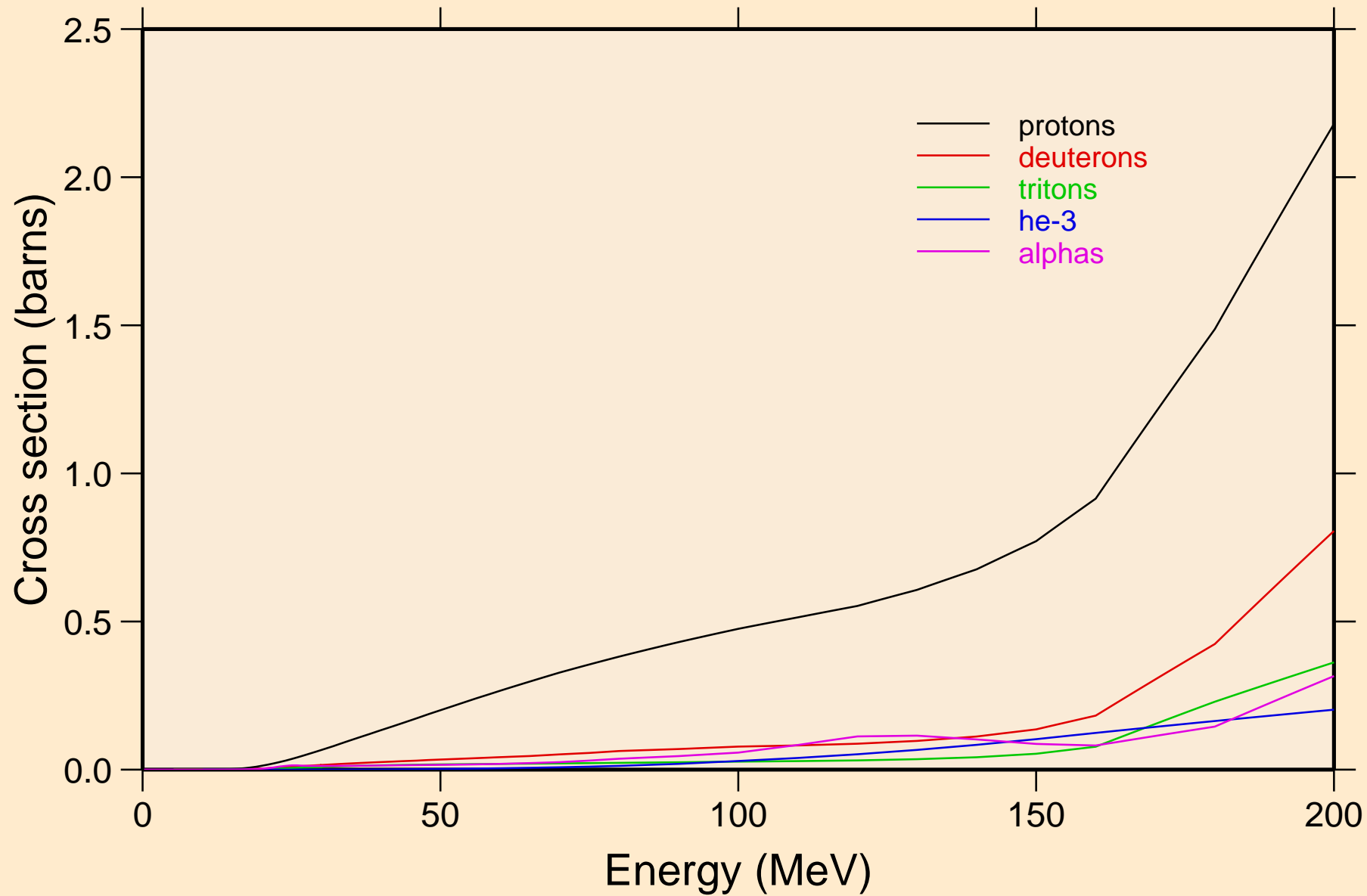
# LU181 NRG TENDL-2015, AKONING

## Recoil Heating

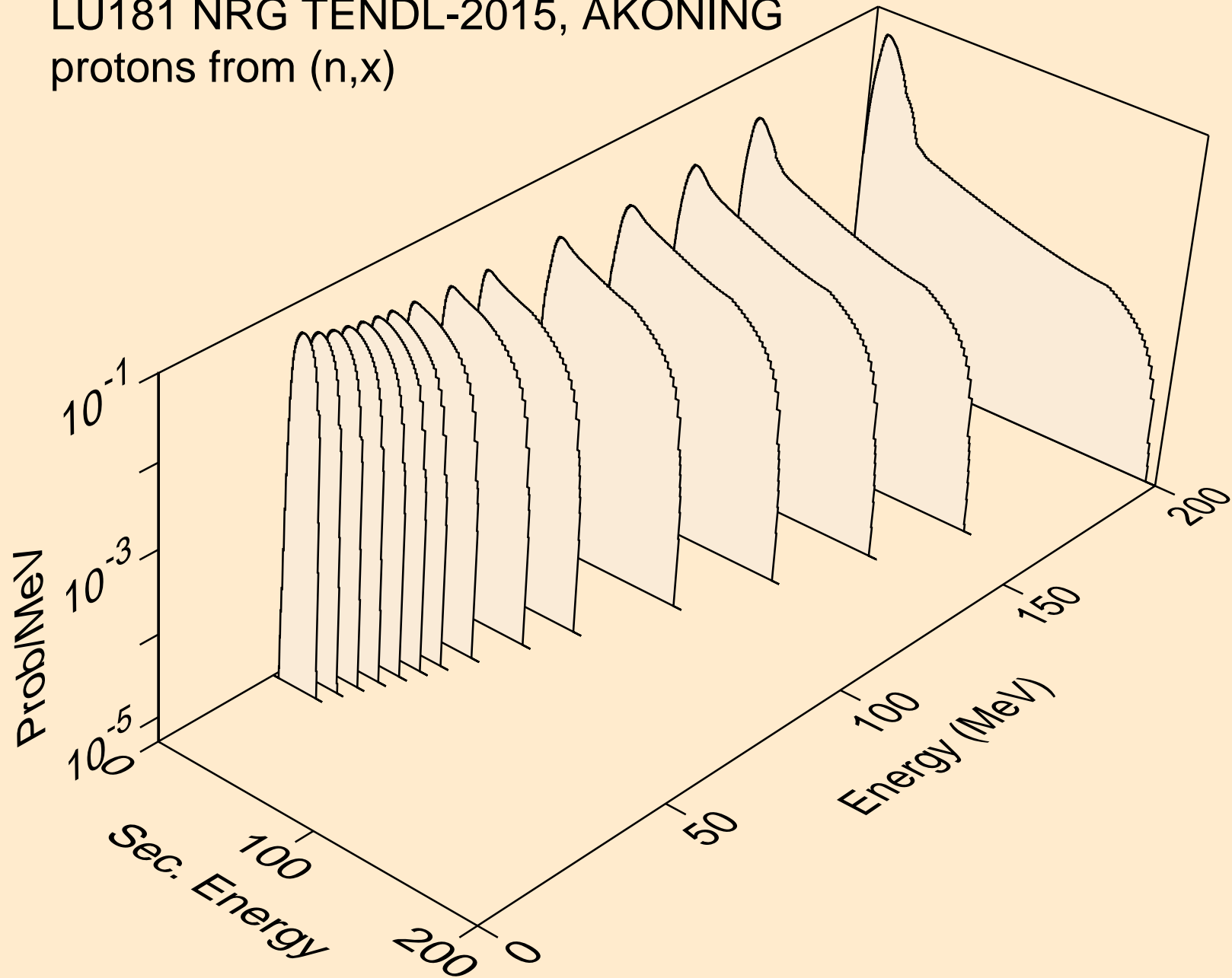


# LU181 NRG TENDL-2015, AKONING

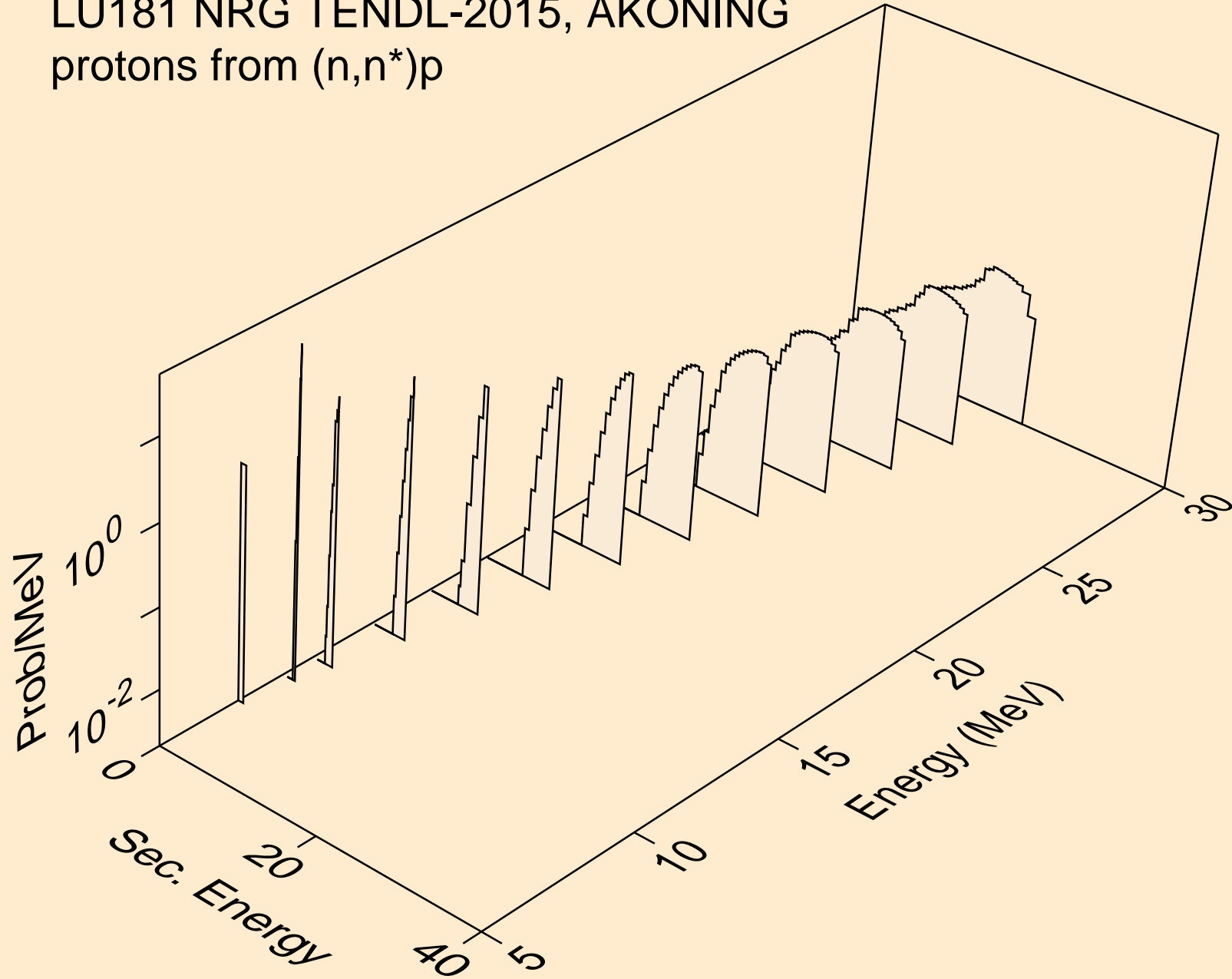
## Particle production cross sections



LU181 NRG TENDL-2015, AKONING  
protons from (n,x)

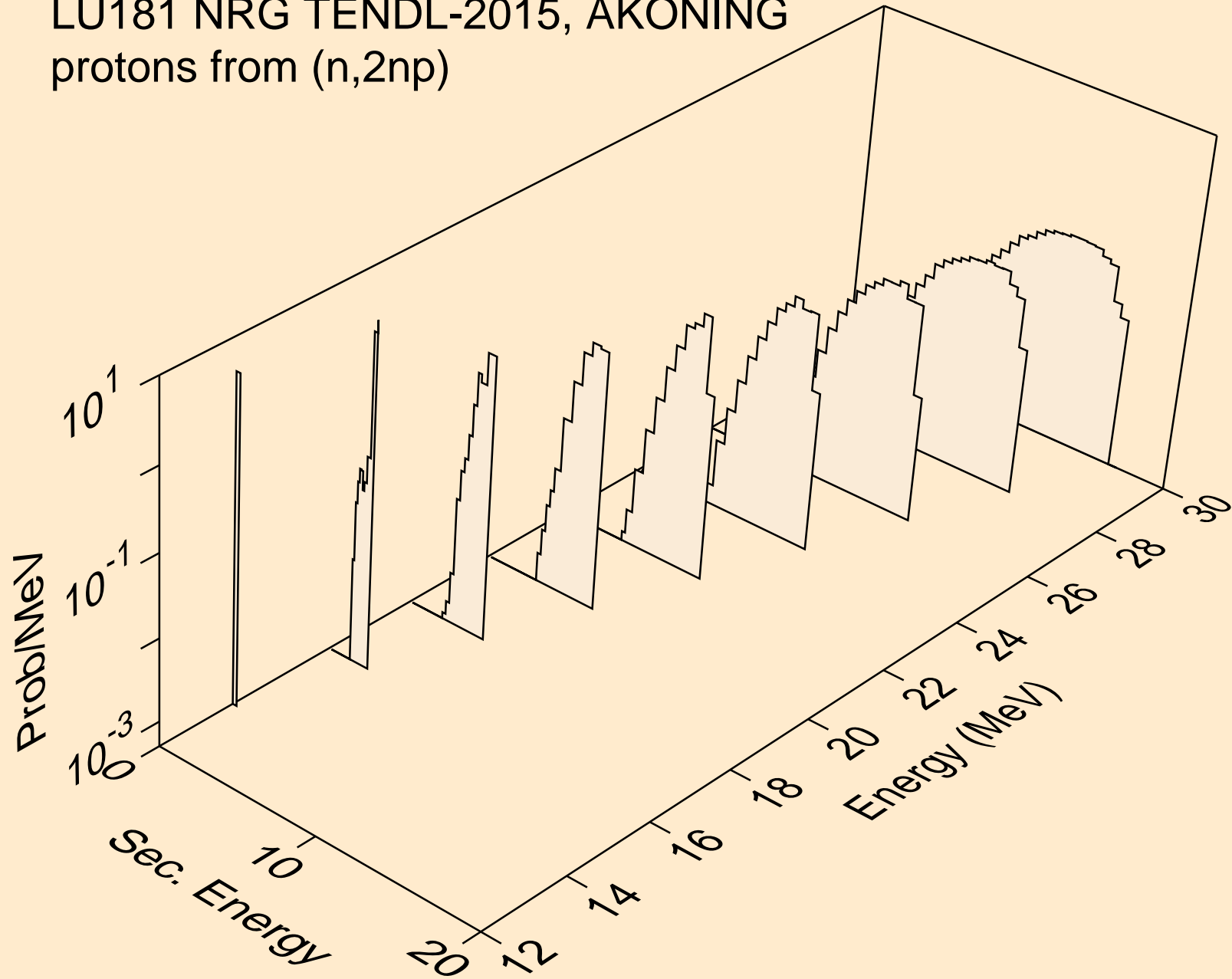


LU181 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

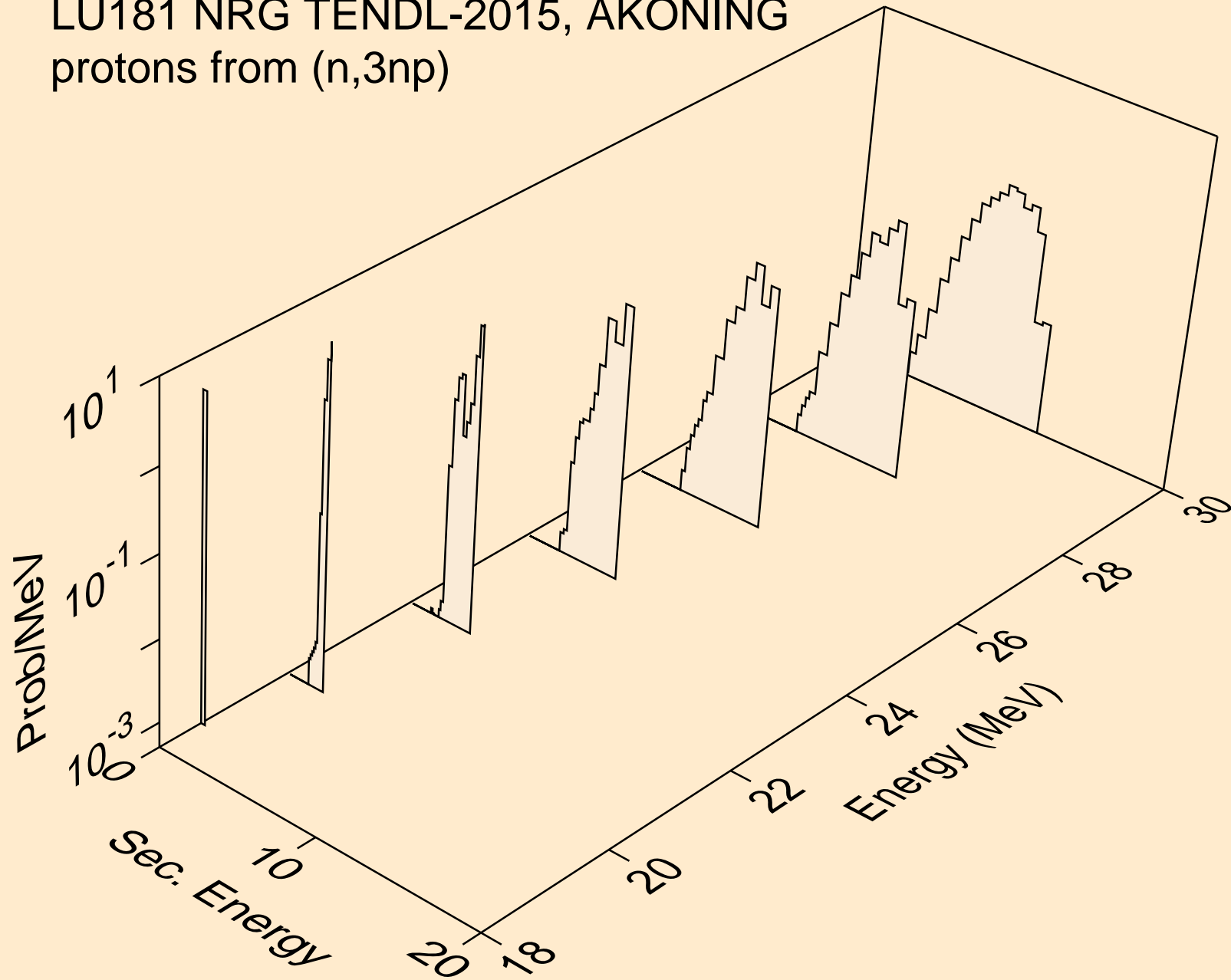




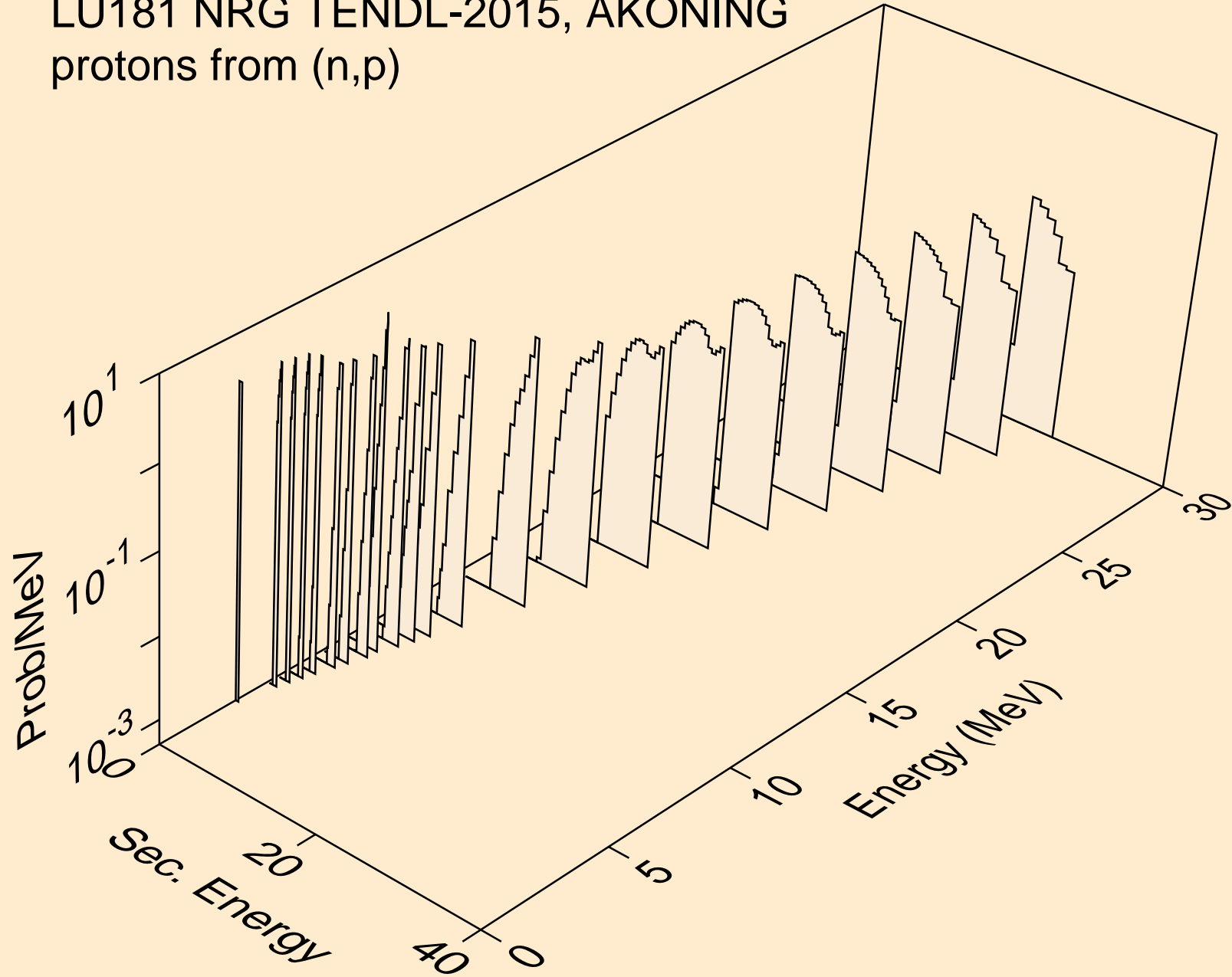
LU181 NRG TENDL-2015, AKONING  
protons from (n,2np)



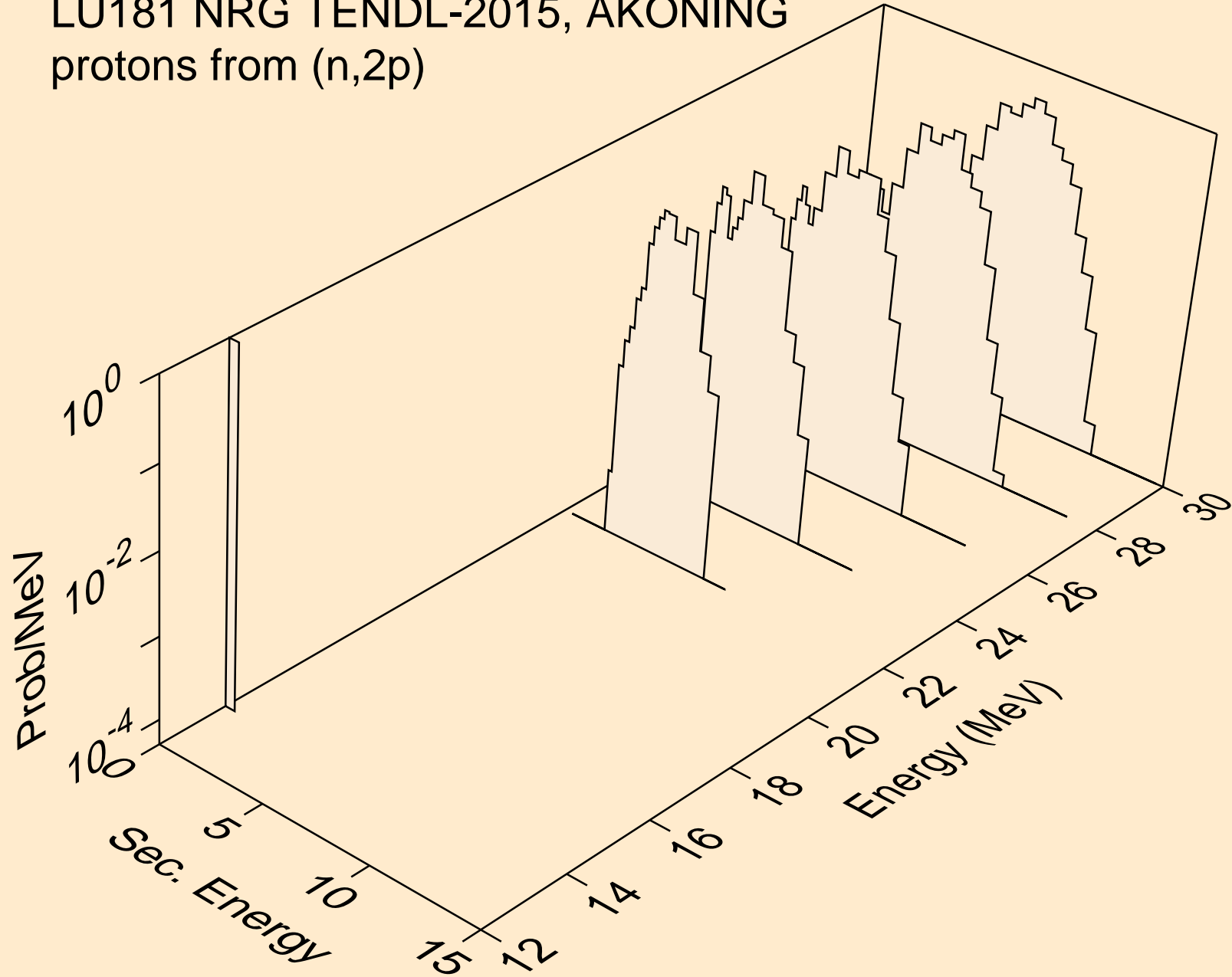
LU181 NRG TENDL-2015, AKONING  
protons from (n,3np)



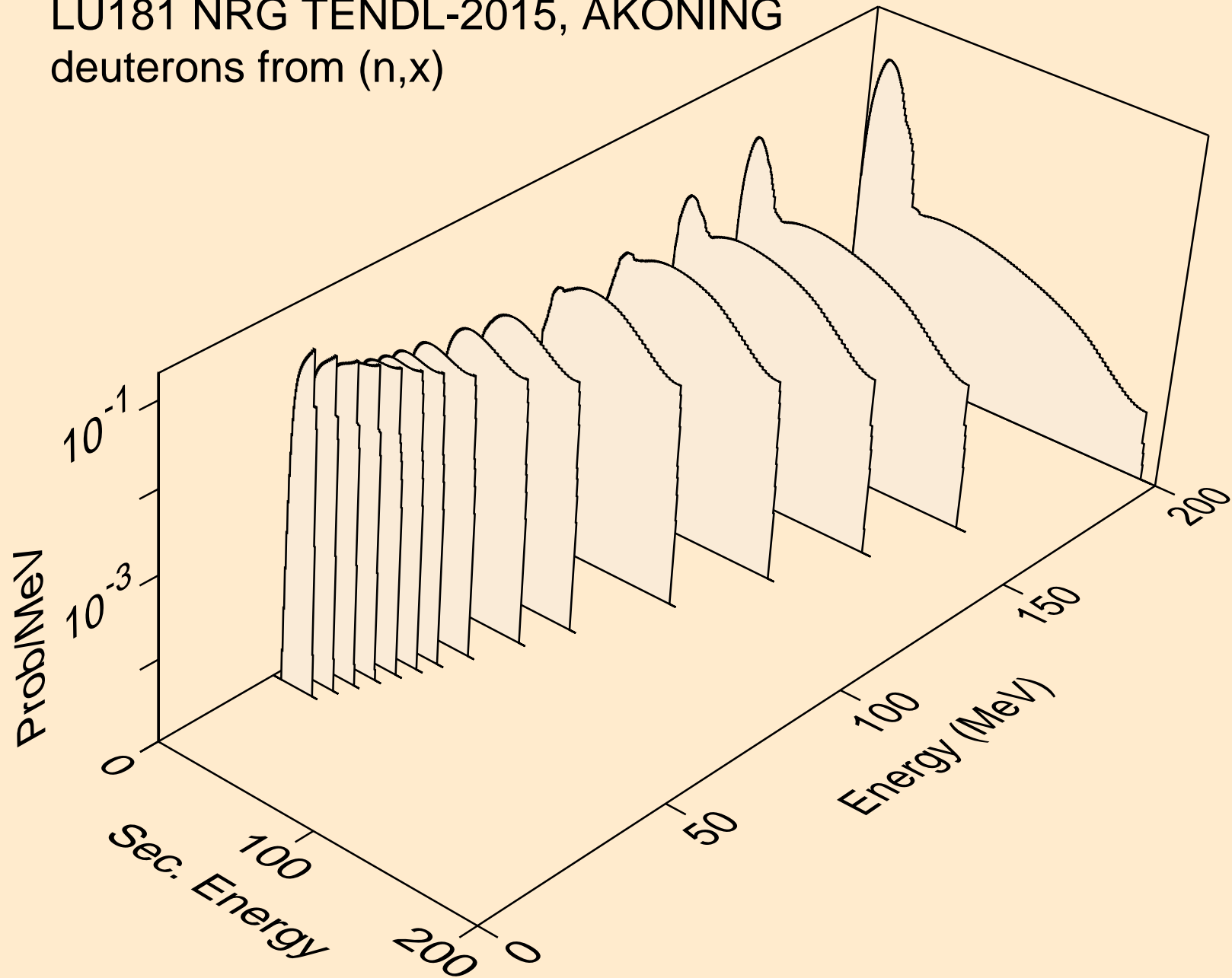
LU181 NRG TENDL-2015, AKONING  
protons from (n,p)



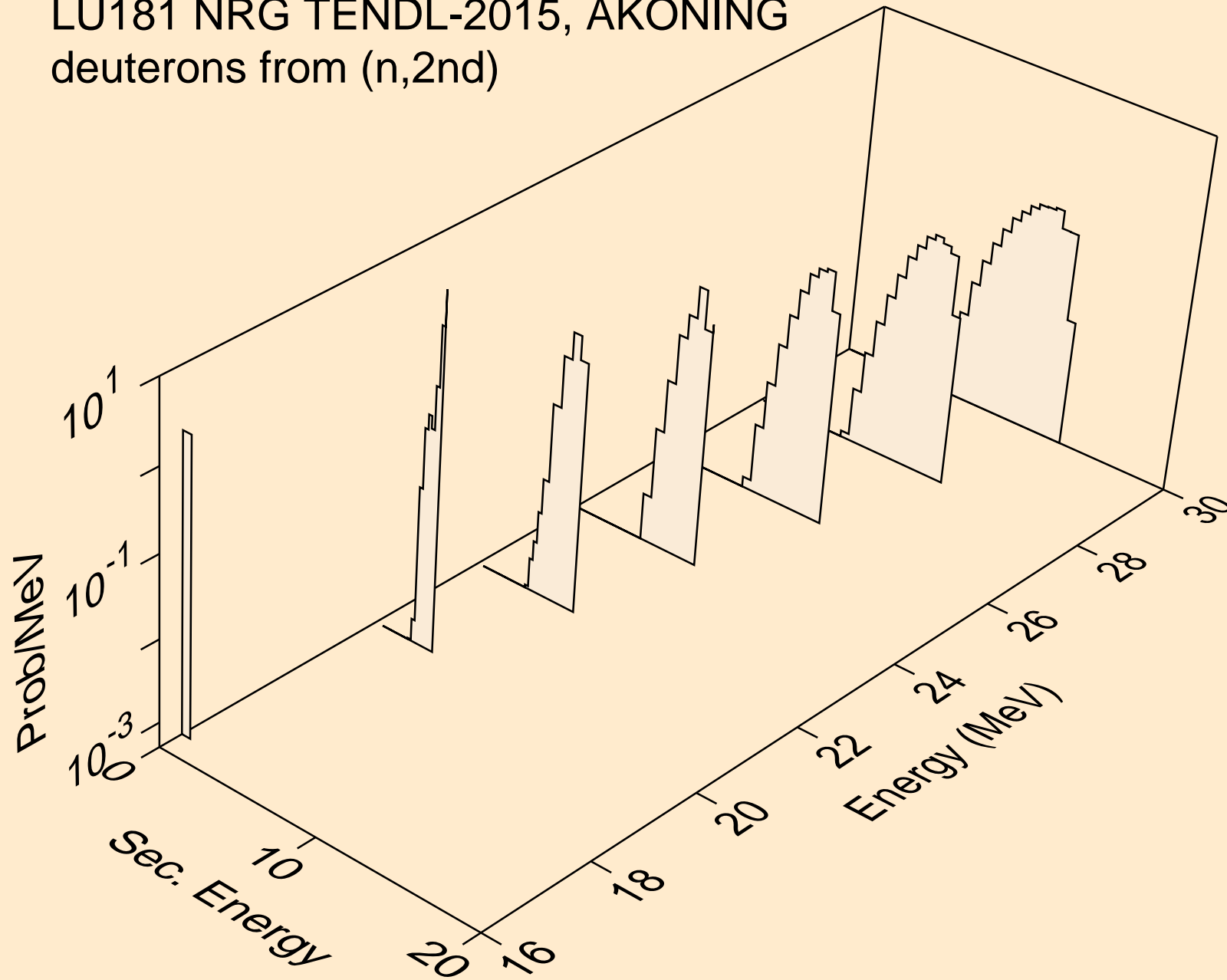
LU181 NRG TENDL-2015, AKONING  
protons from (n,2p)



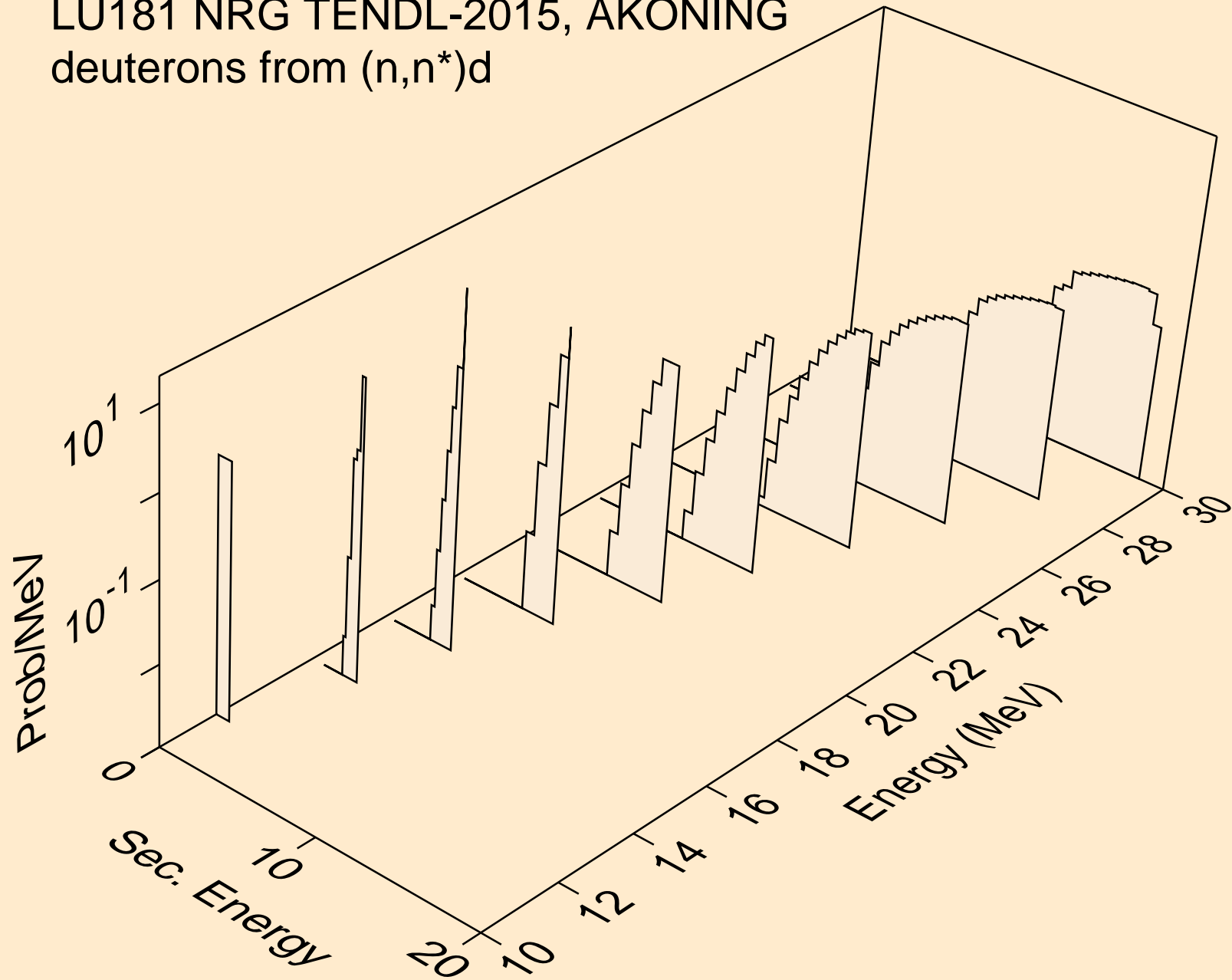
LU181 NRG TENDL-2015, AKONING  
deuterons from (n,x)



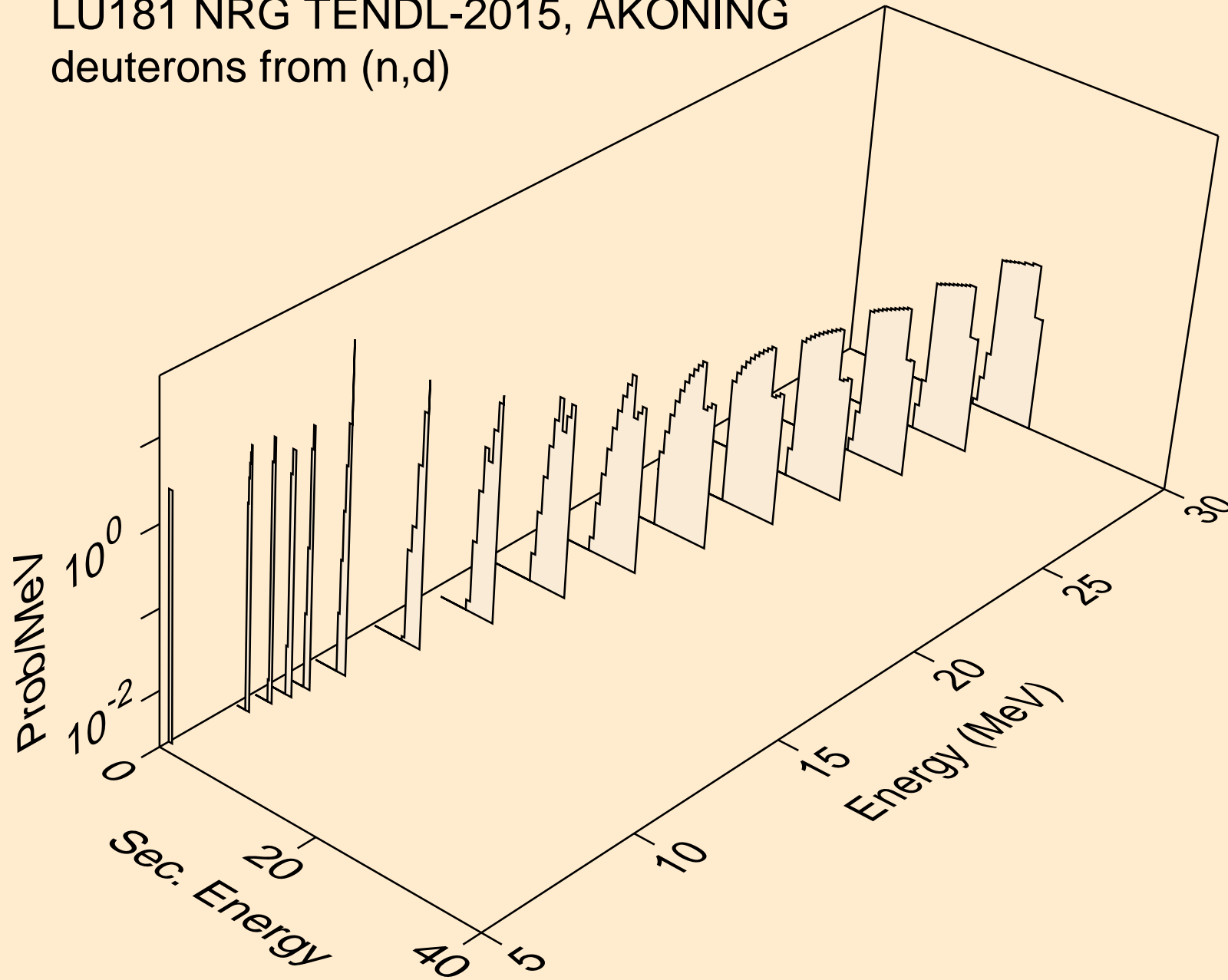
LU181 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



LU181 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

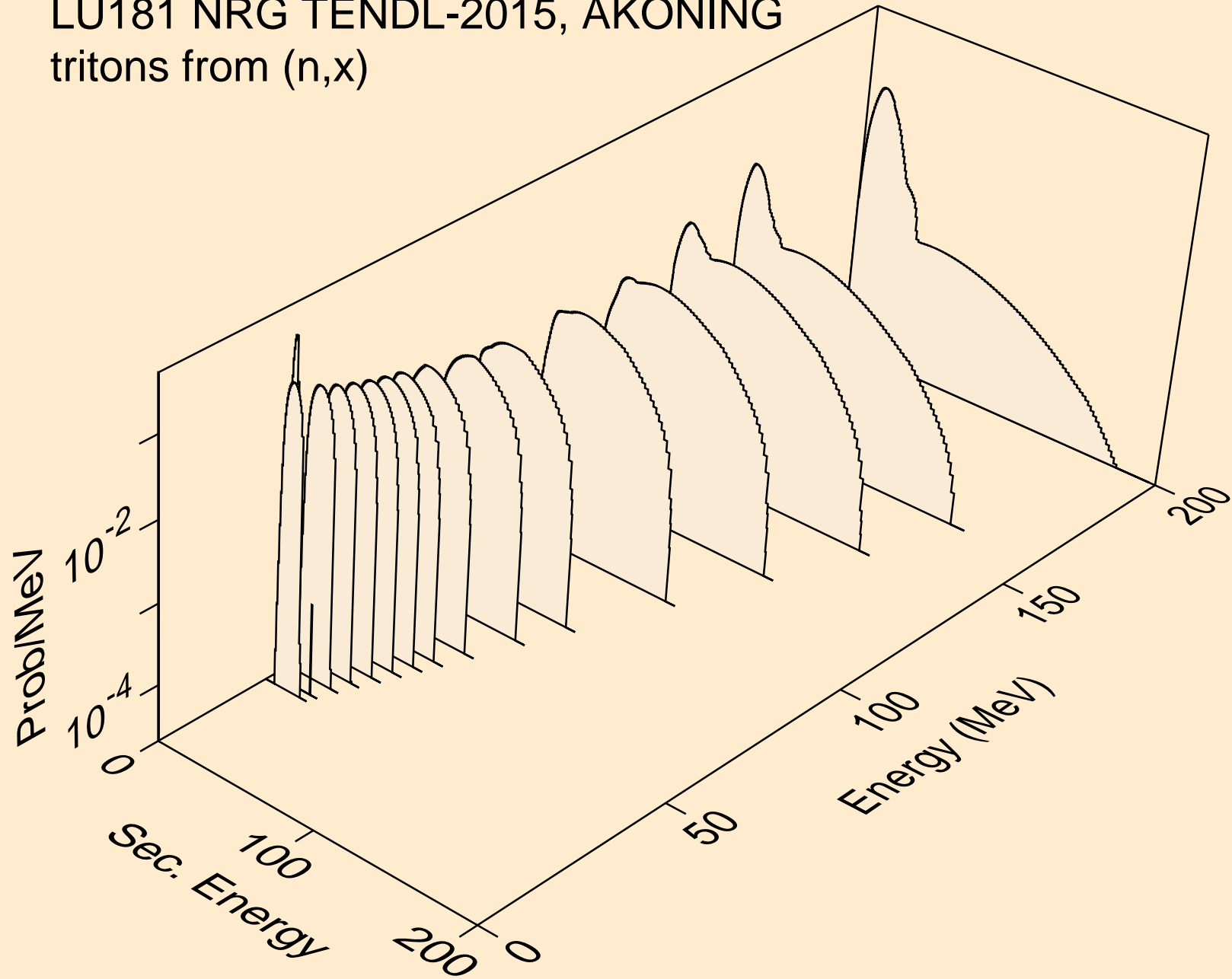


LU181 NRG TENDL-2015, AKONING  
deuterons from (n,d)

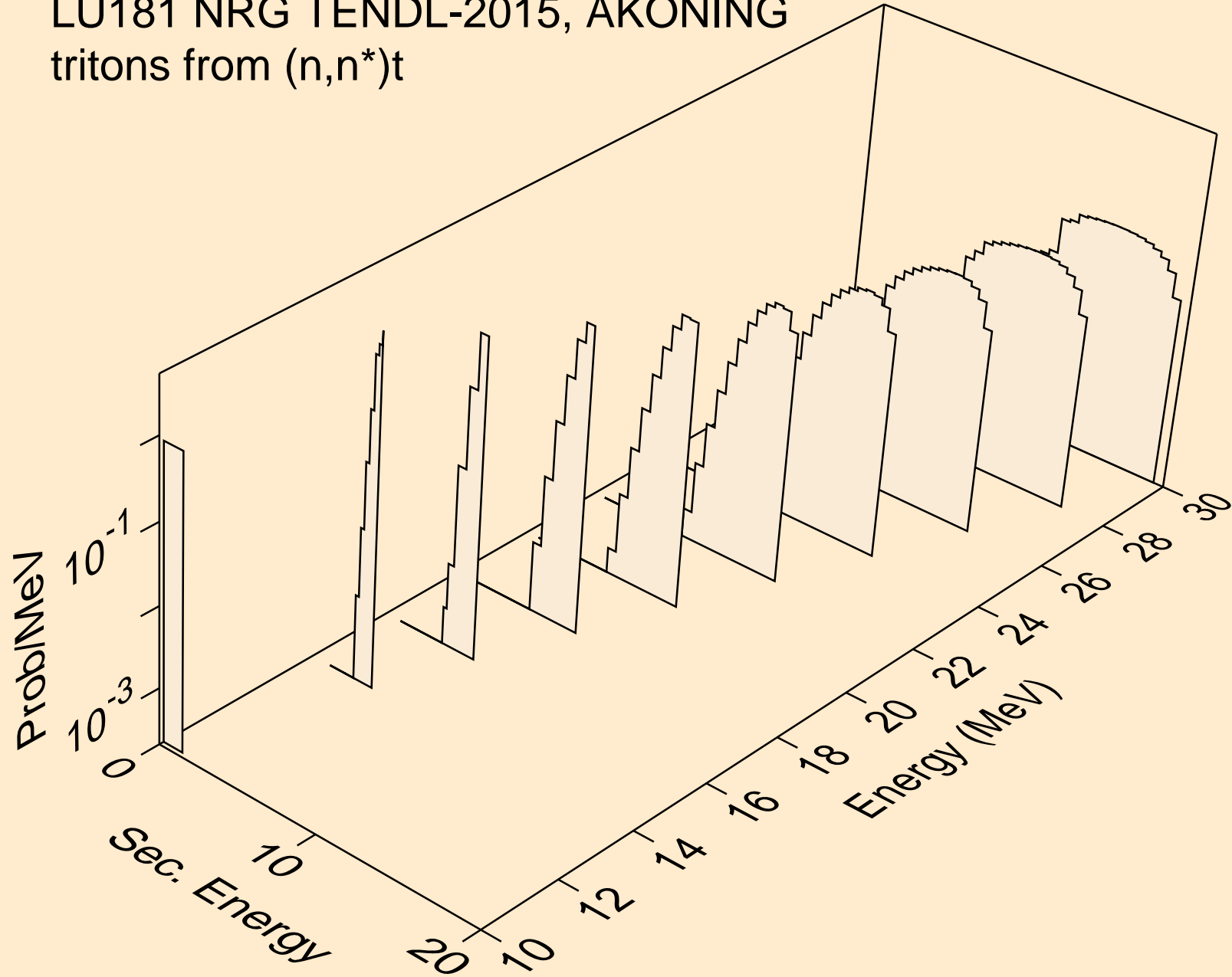




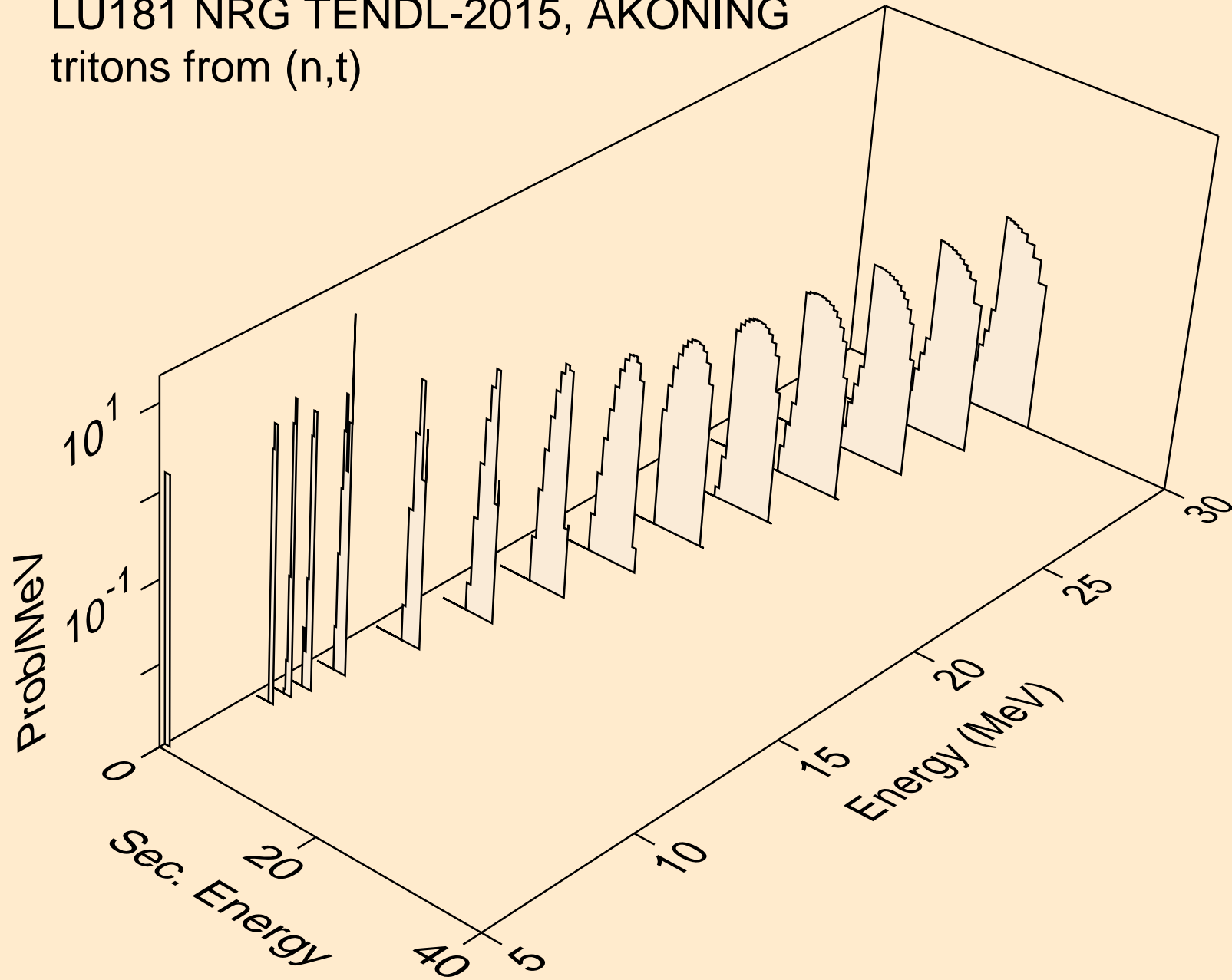
LU181 NRG TENDL-2015, AKONING  
tritons from (n,x)



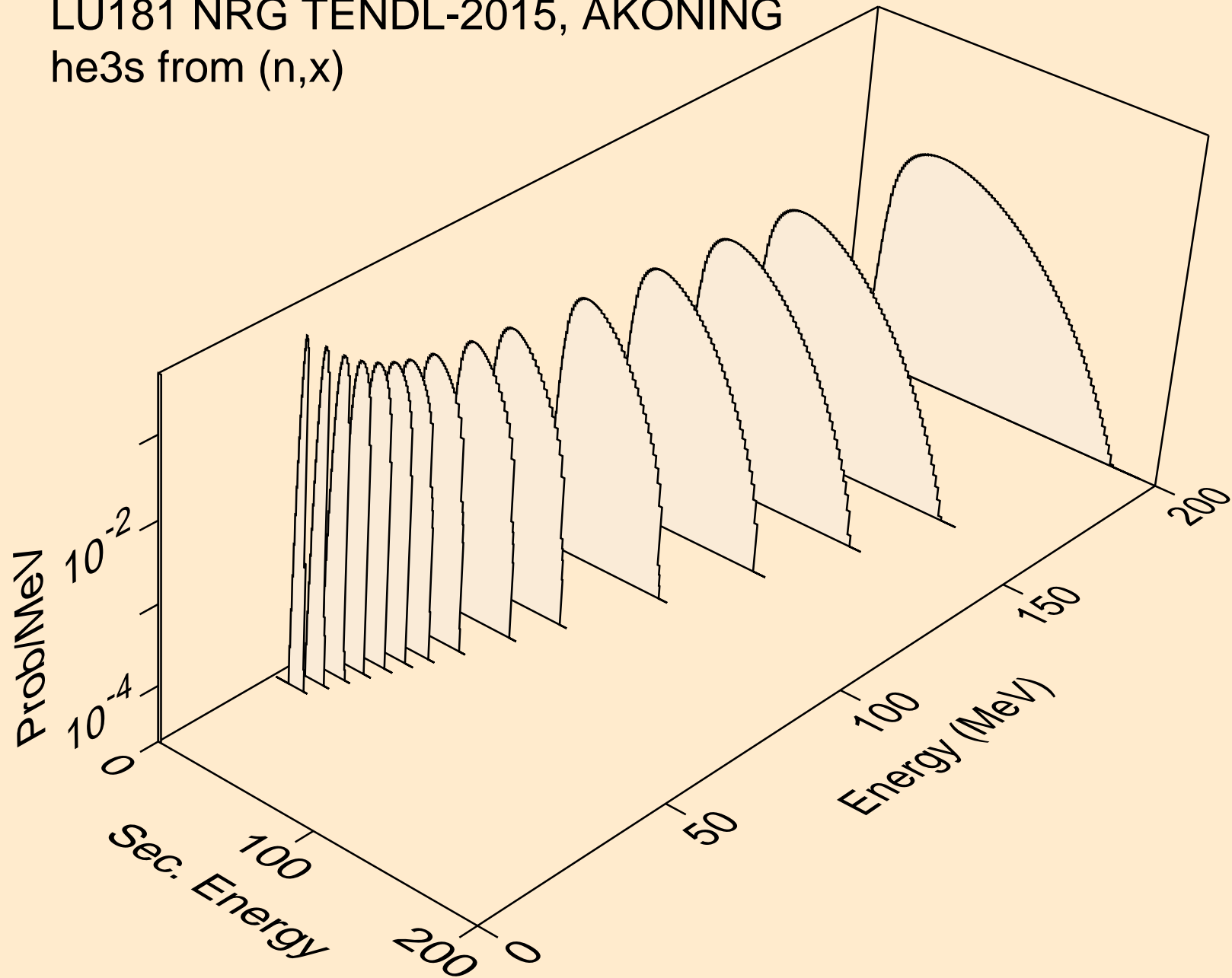
LU181 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



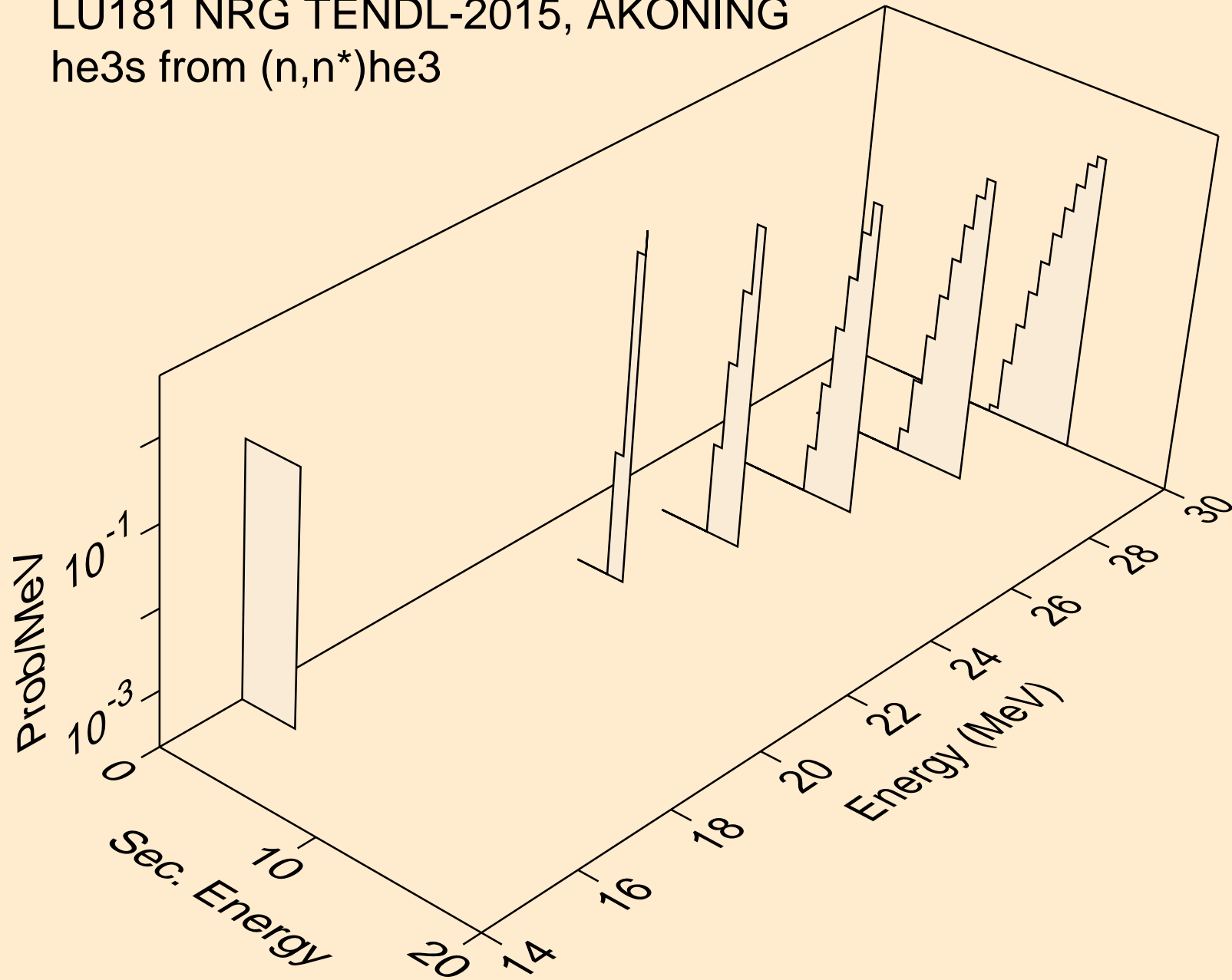
LU181 NRG TENDL-2015, AKONING  
tritons from (n,t)



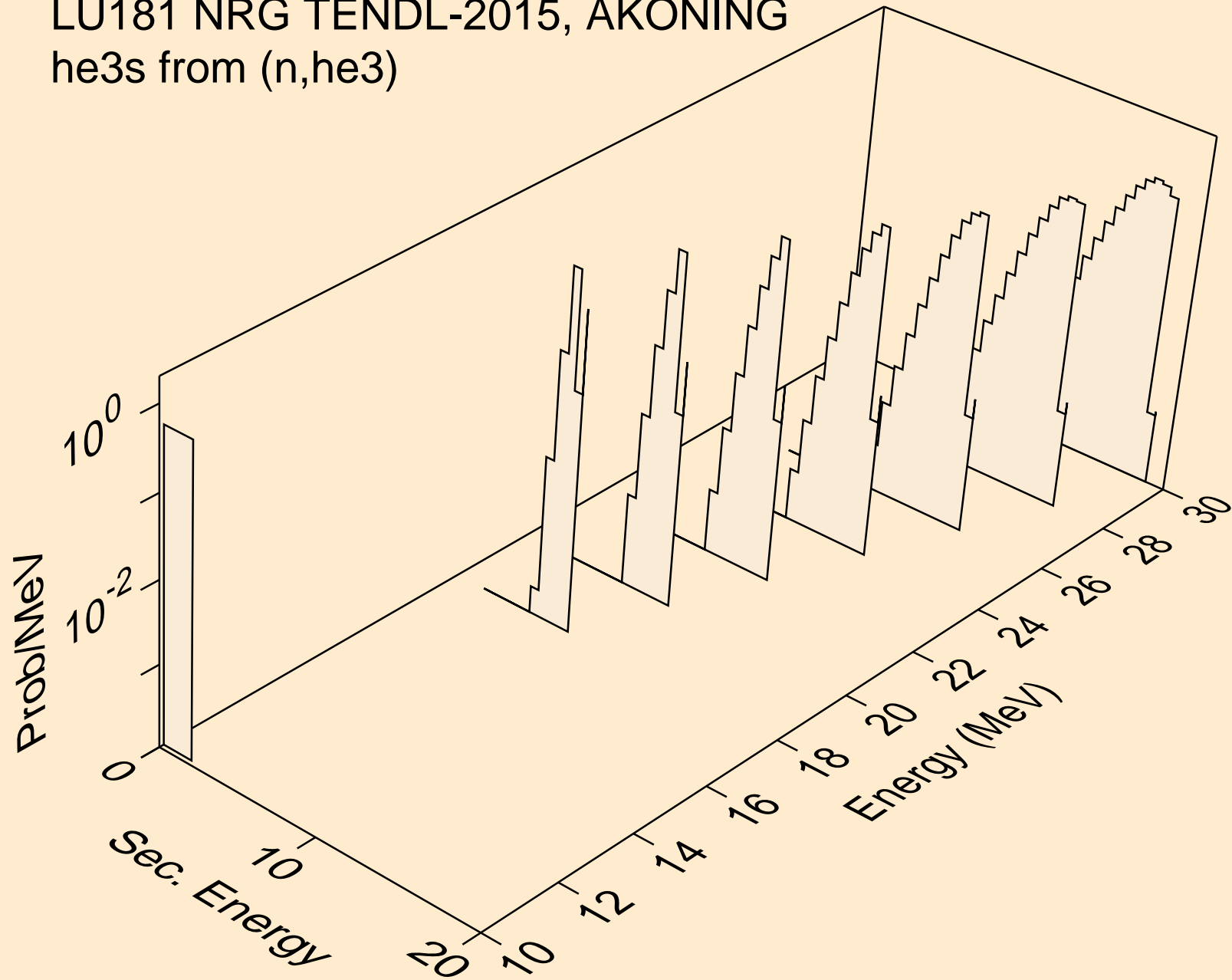
LU181 NRG TENDL-2015, AKONING  
he3s from (n,x)



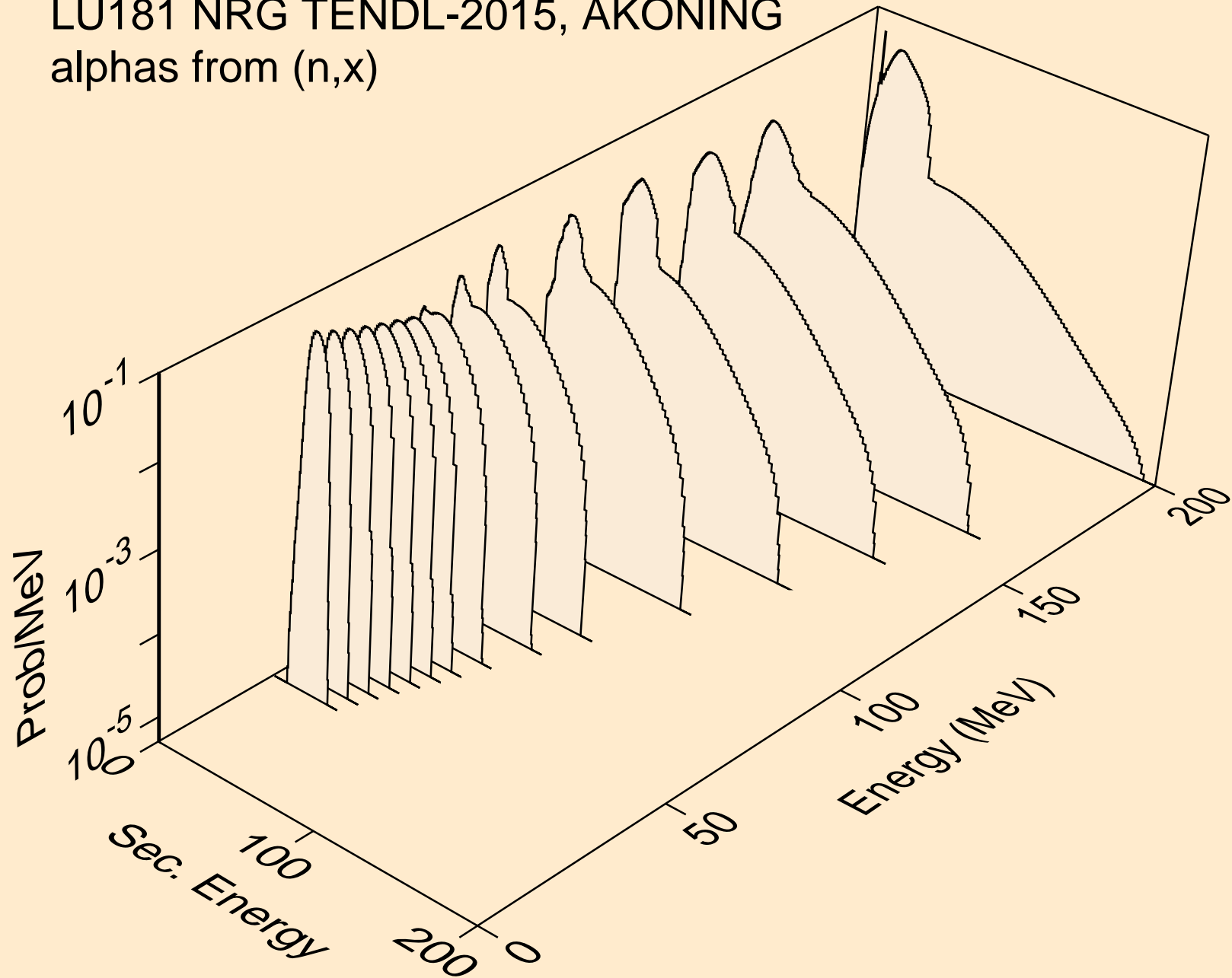
LU181 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



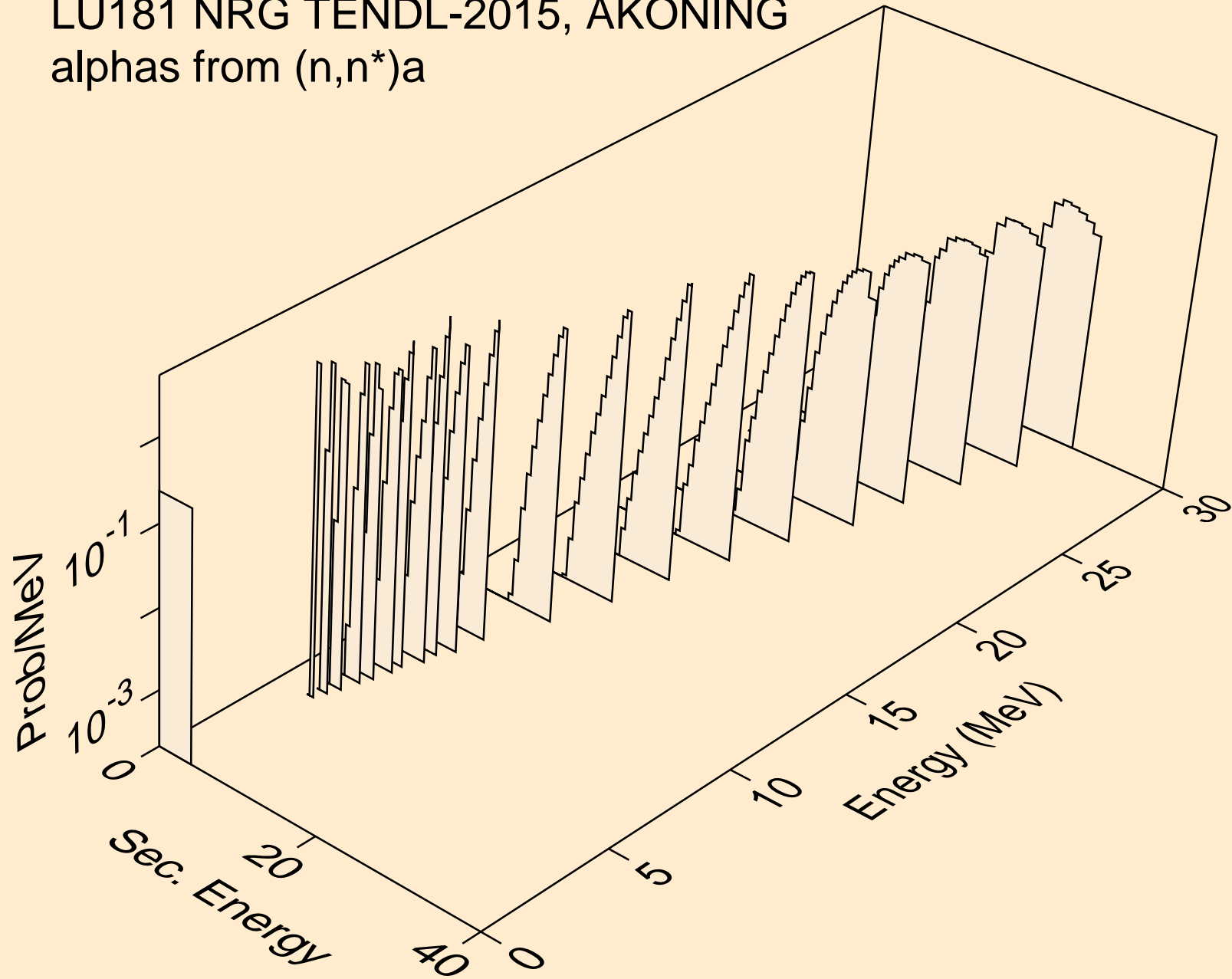
LU181 NRG TENDL-2015, AKONING  
he3s from (n,he3)



LU181 NRG TENDL-2015, AKONING  
alphas from (n,x)

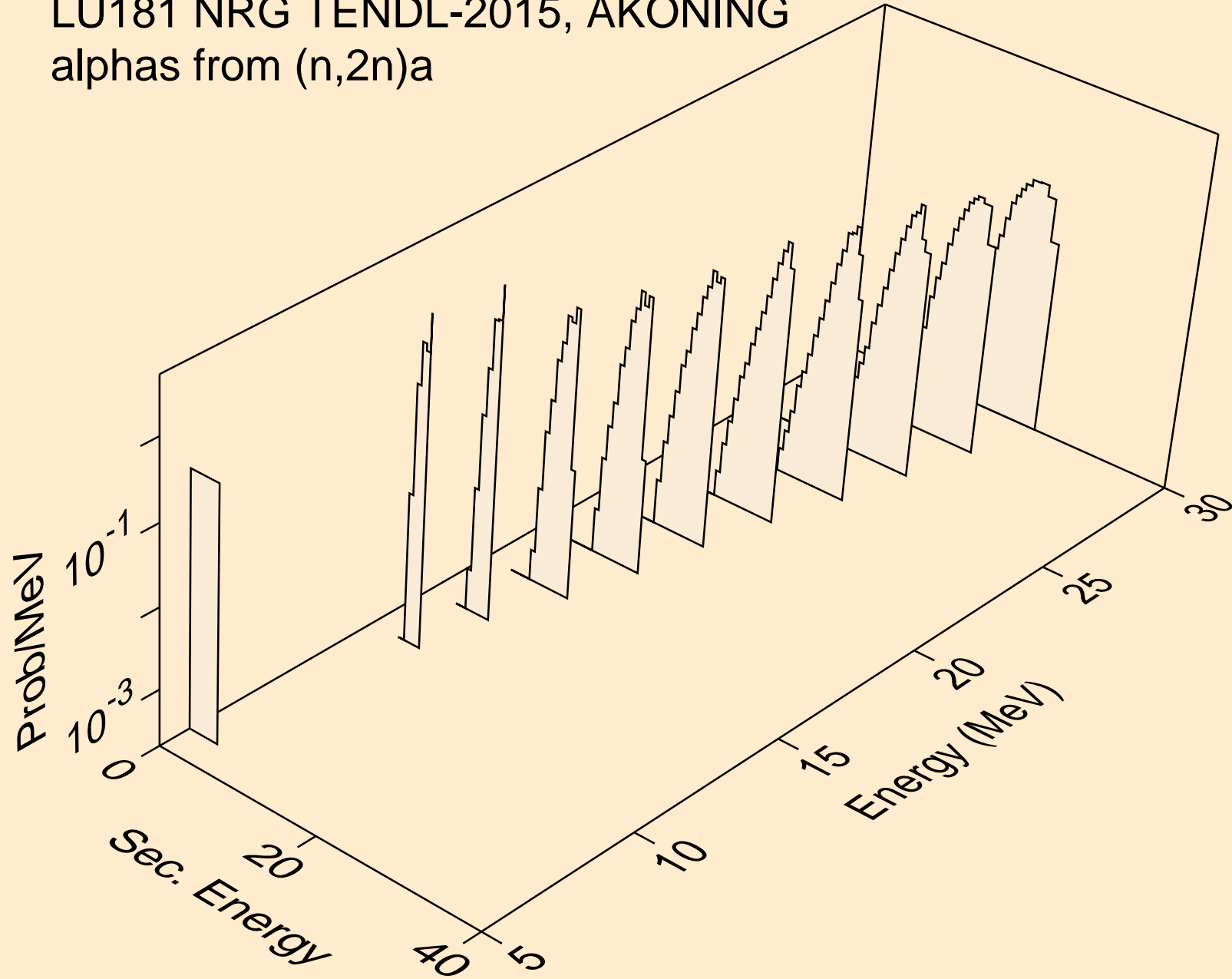


LU181 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

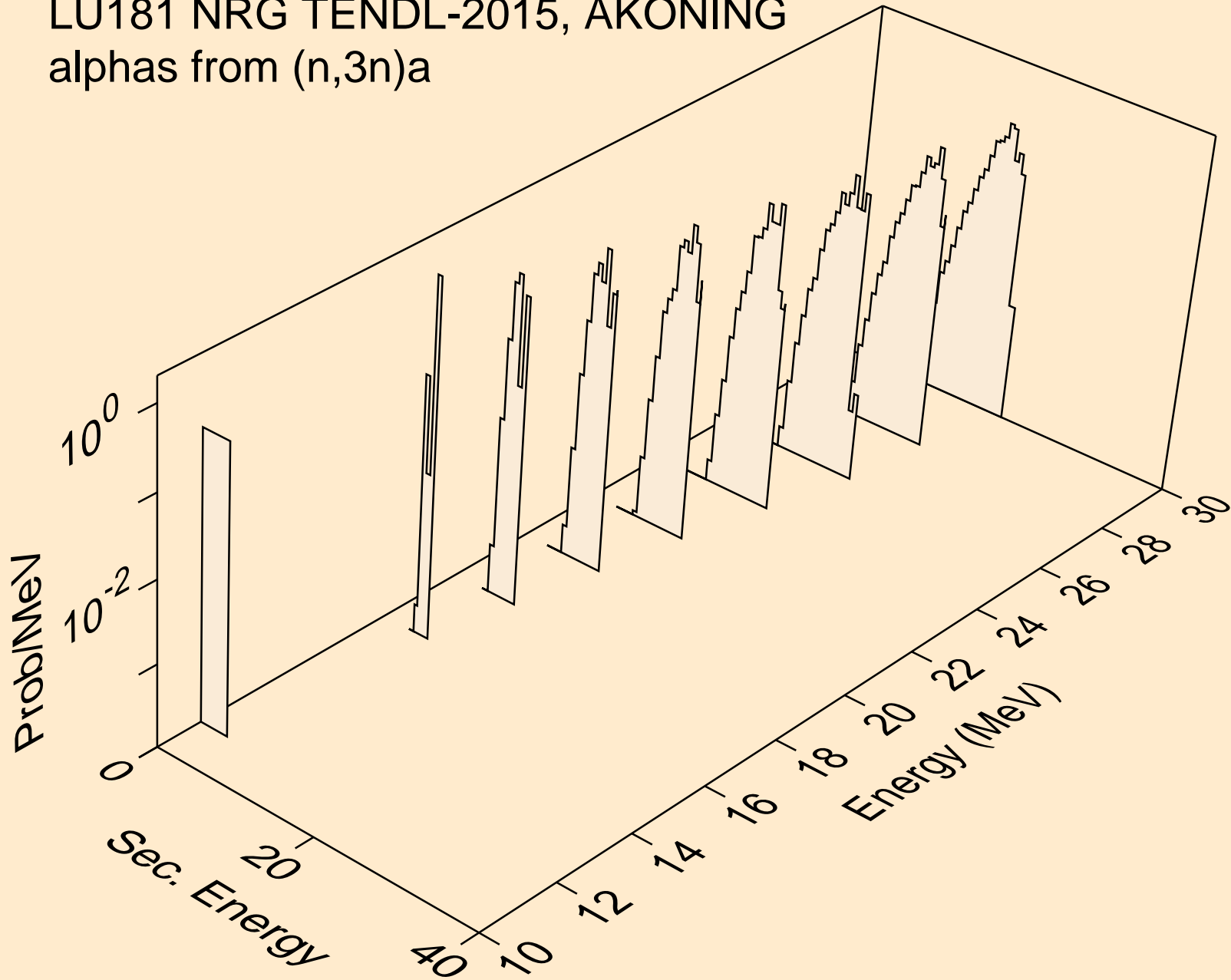




LU181 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



LU181 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



LU181 NRG TENDL-2015, AKONING  
alphas from (n,a)

