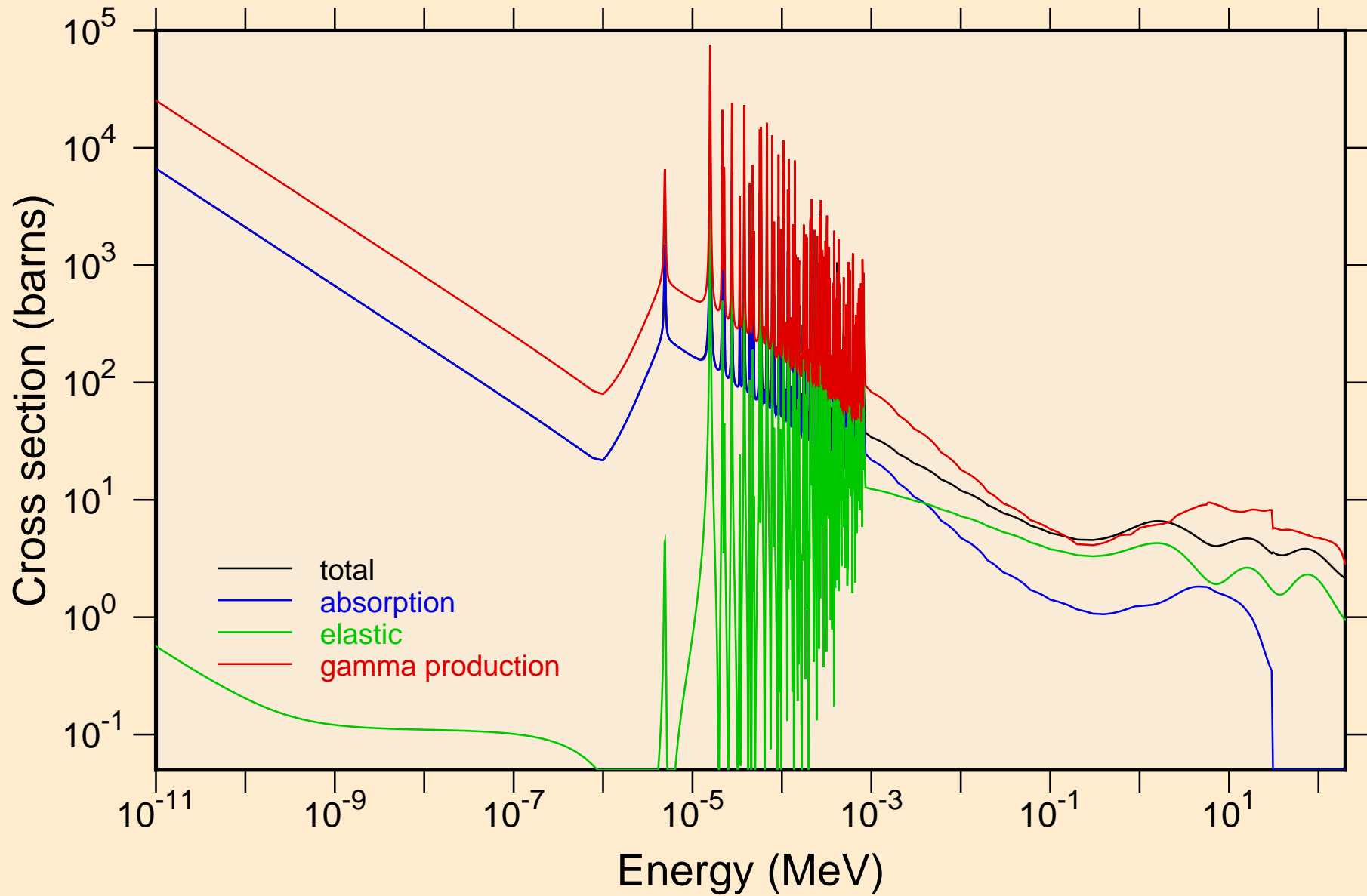
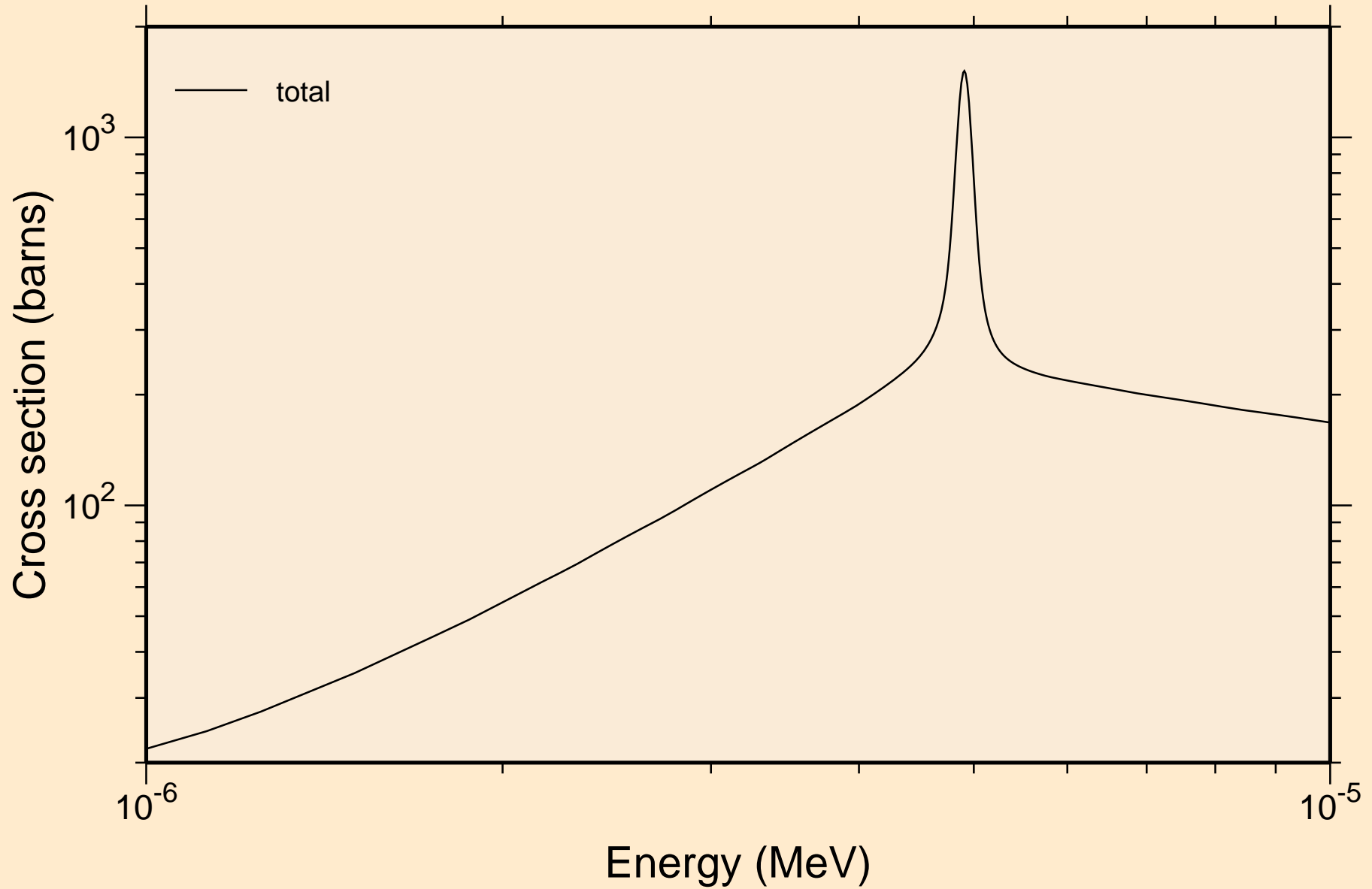


# ND130 NRG TENDL-2015, AKONING

## Principal cross sections

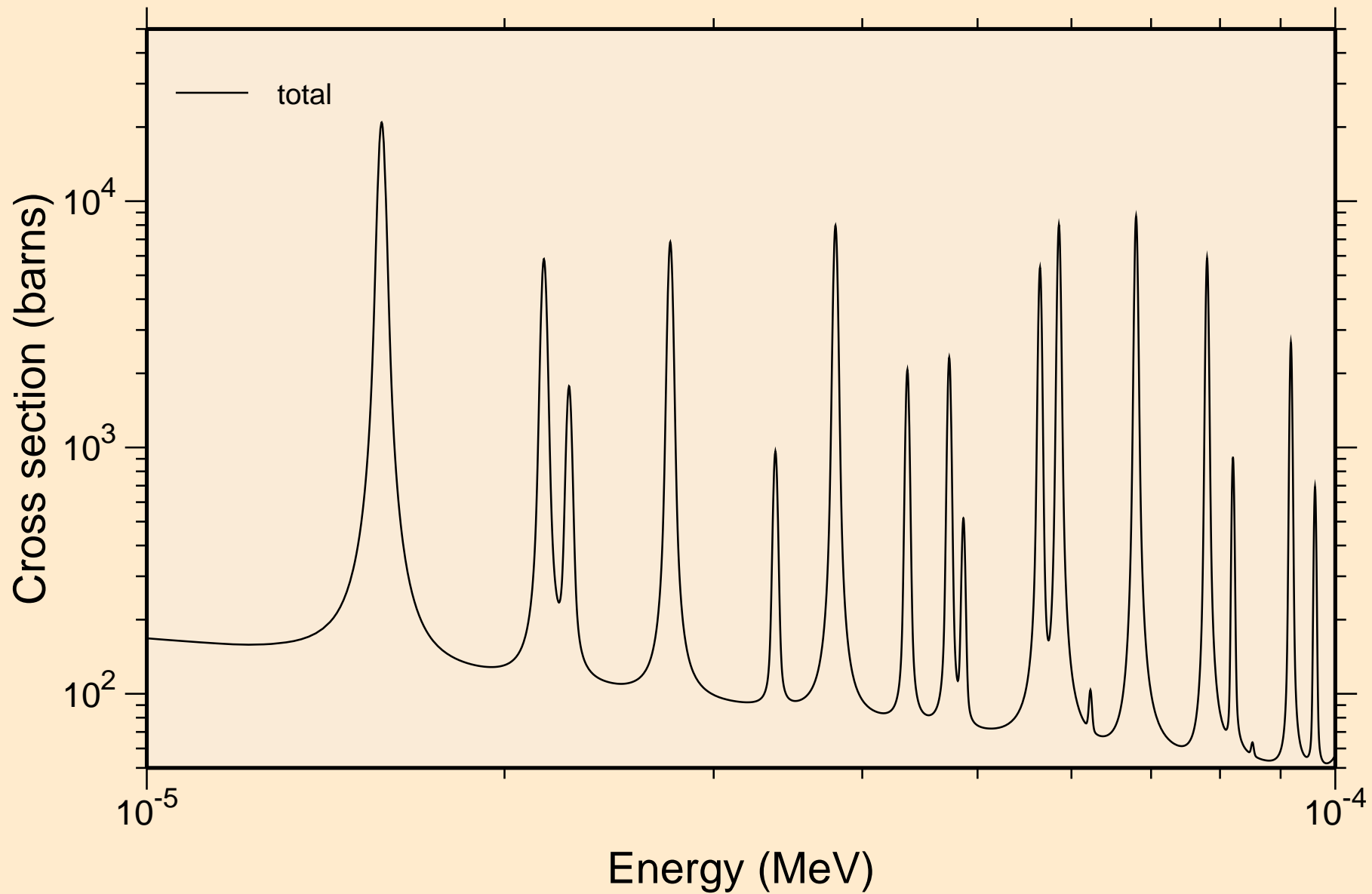


ND130 NRG TENDL-2015, AKONING  
resonance total cross section

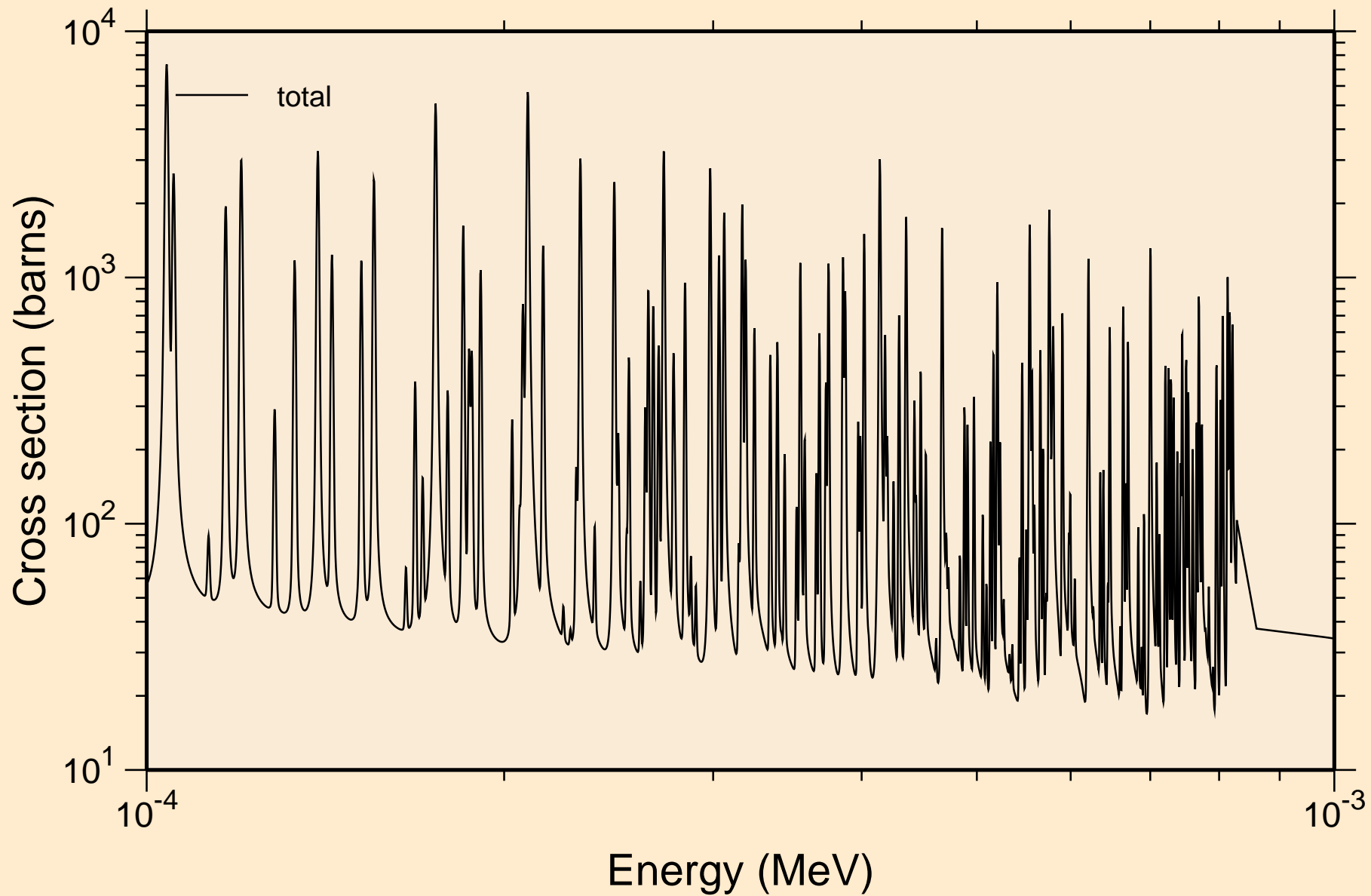


# ND130 NRG TENDL-2015, AKONING

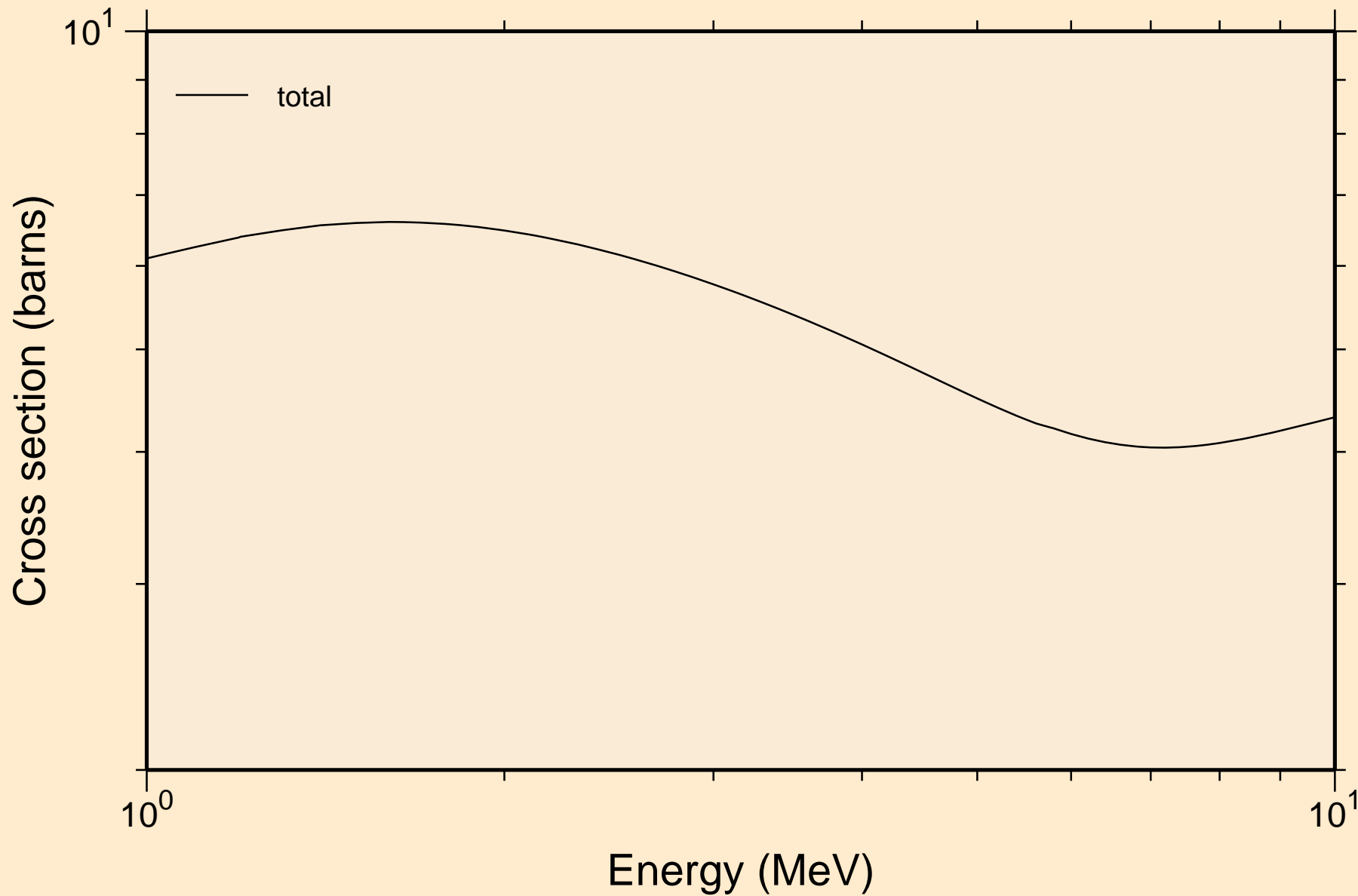
## resonance total cross section



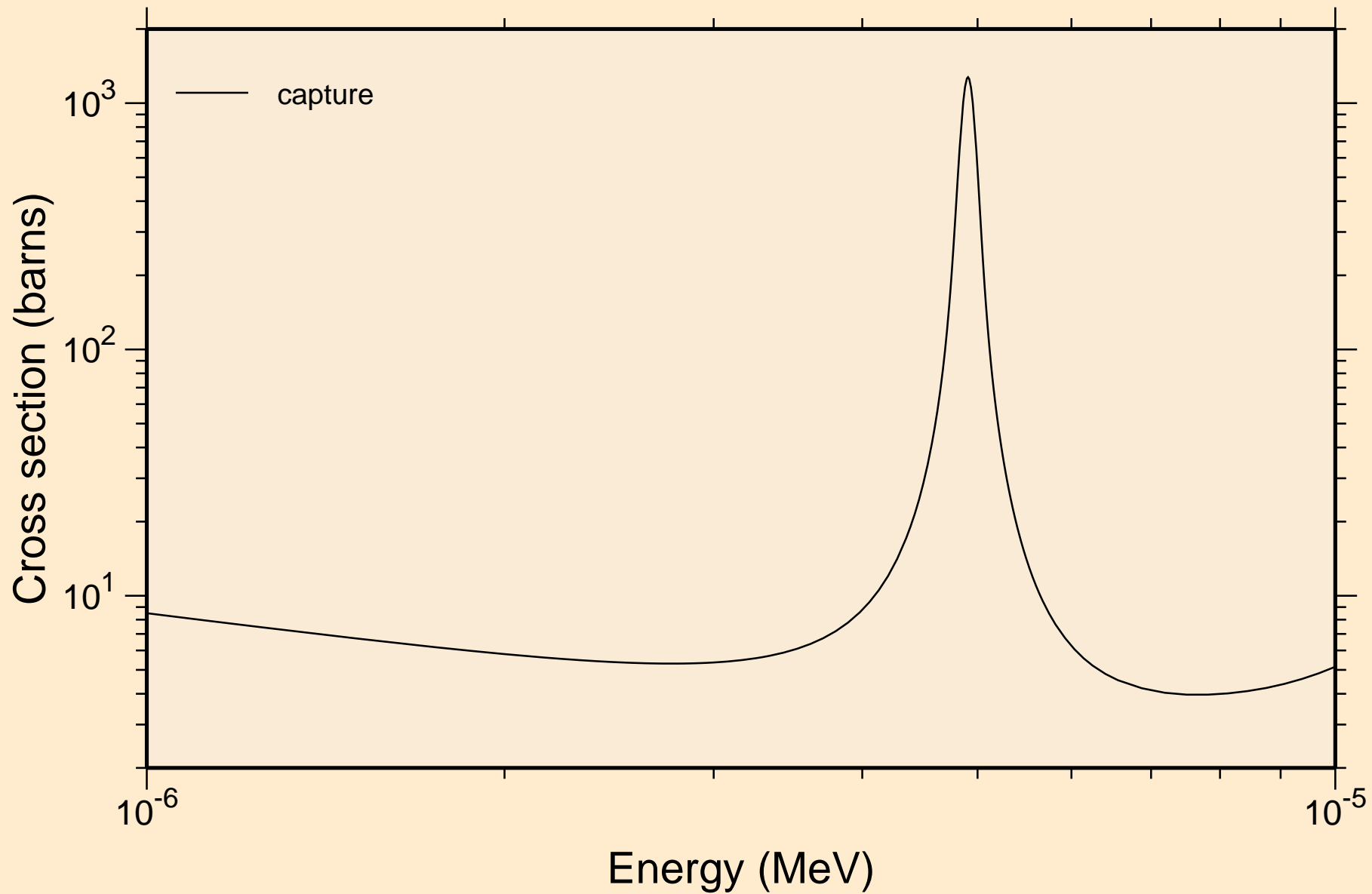
ND130 NRG TENDL-2015, AKONING  
resonance total cross section



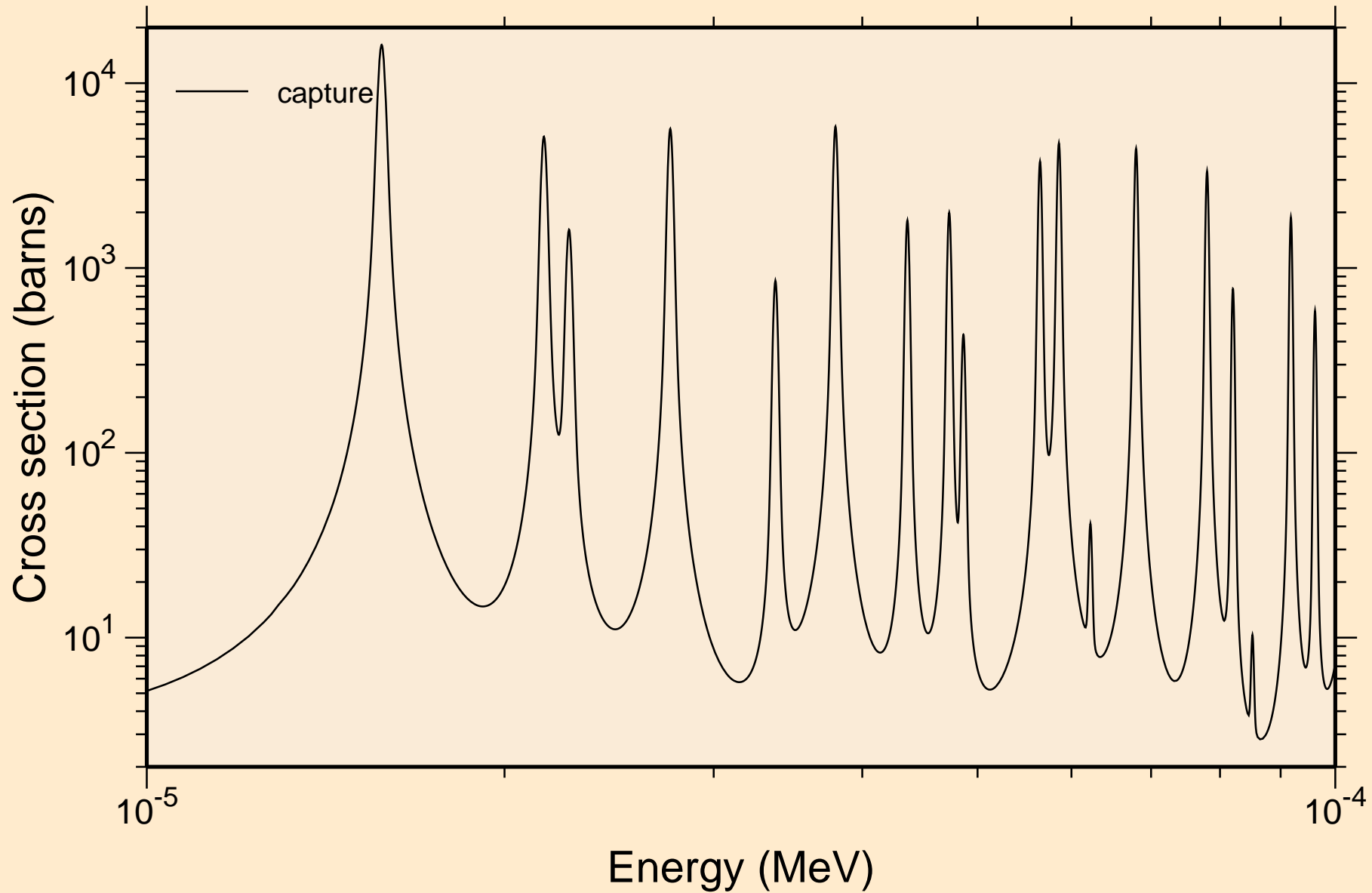
ND130 NRG TENDL-2015, AKONING  
resonance total cross section



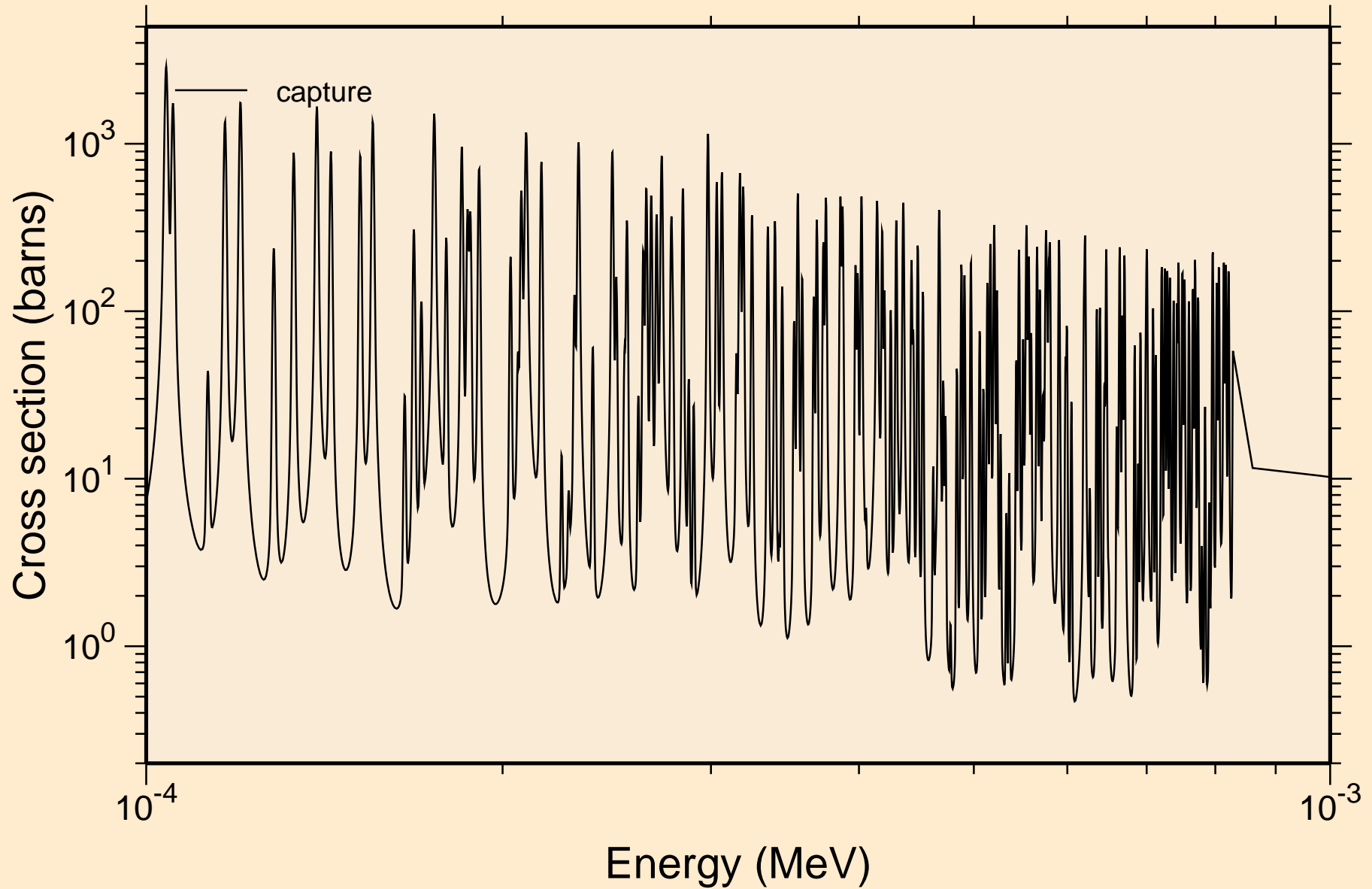
ND130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# ND130 NRG TENDL-2015, AKONING resonance absorption cross sections

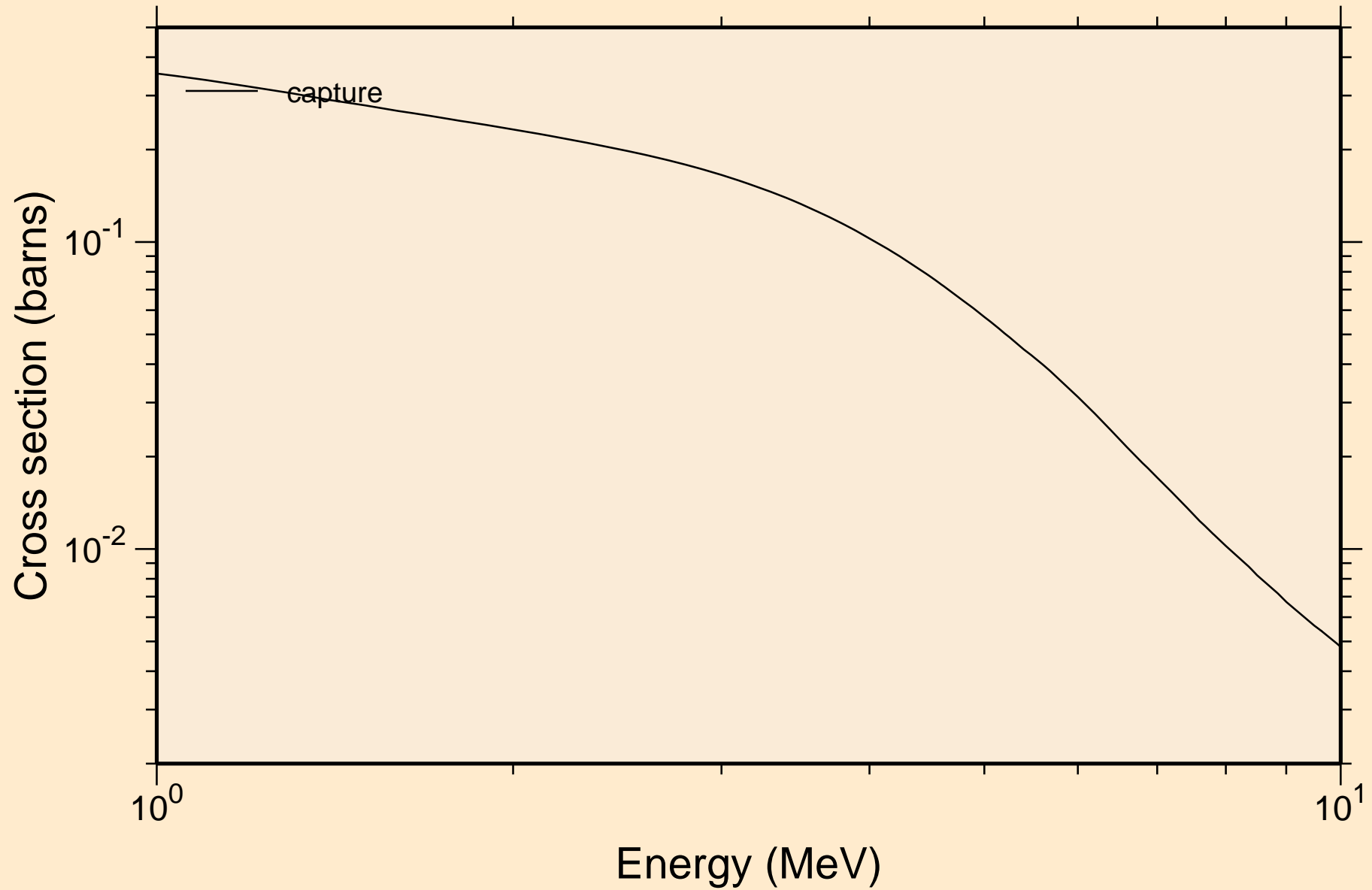


ND130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



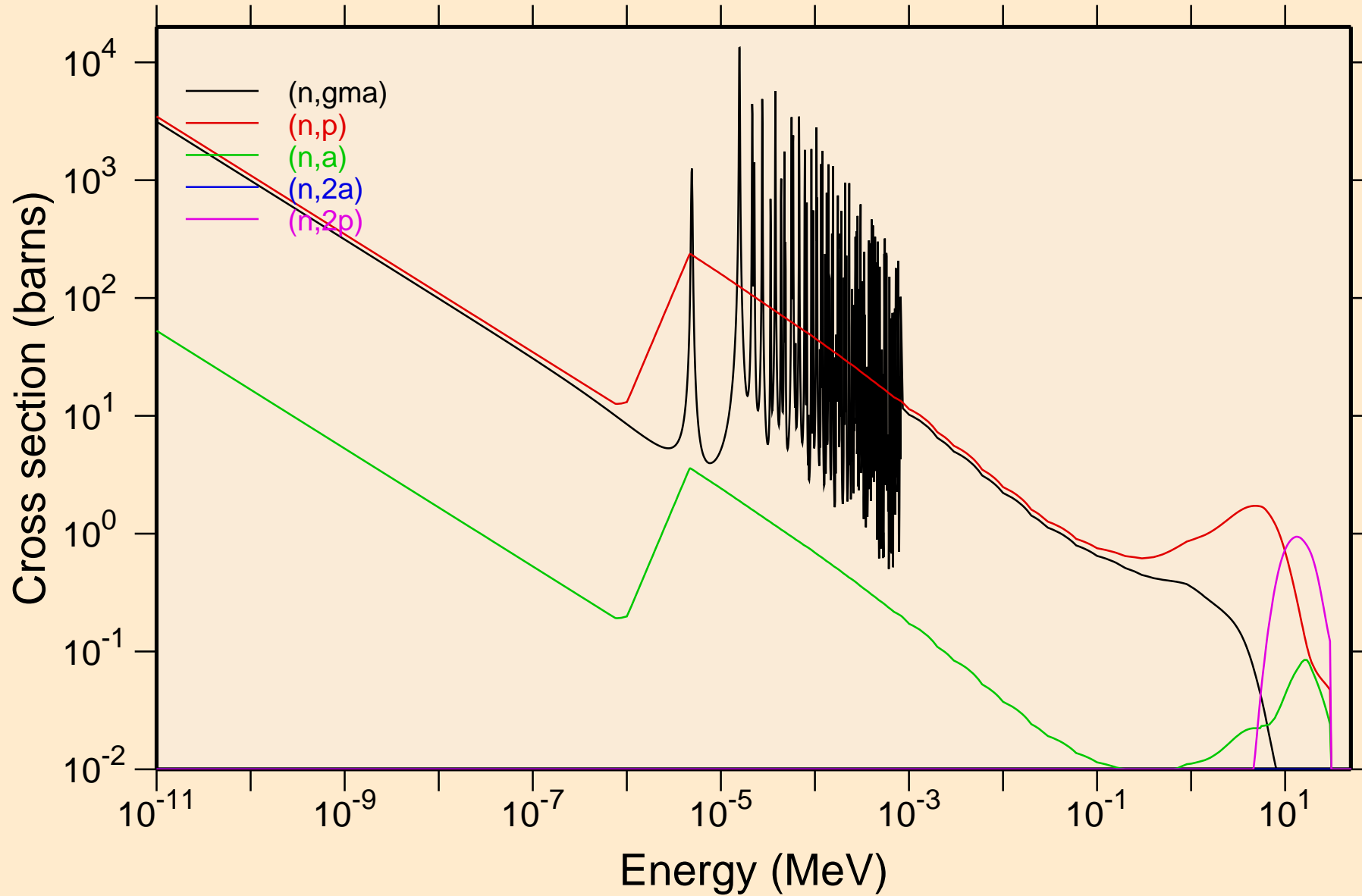


ND130 NRG TENDL-2015, AKONING  
resonance absorption cross sections

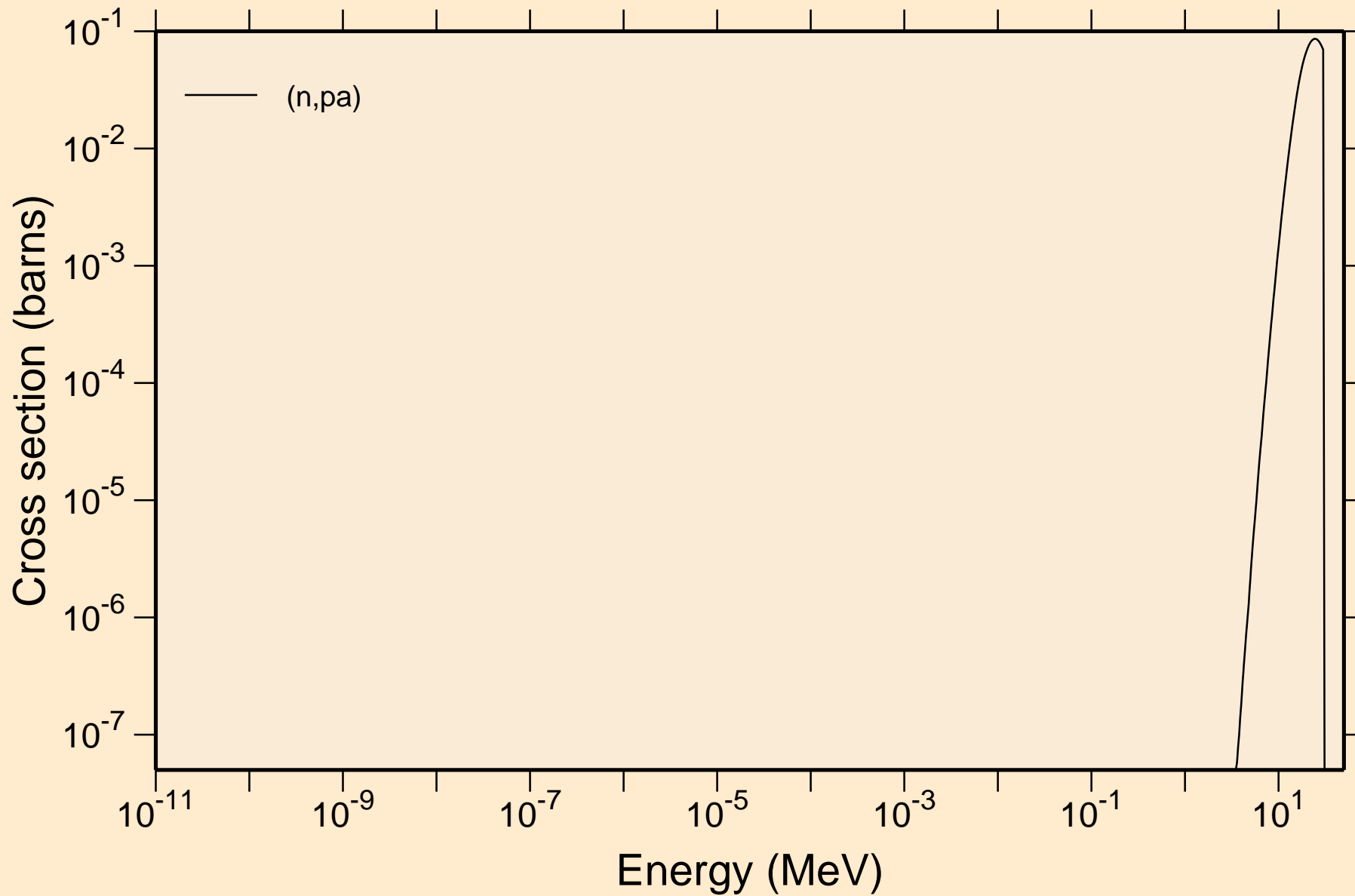


# ND130 NRG TENDL-2015, AKONING

## Non-threshold reactions

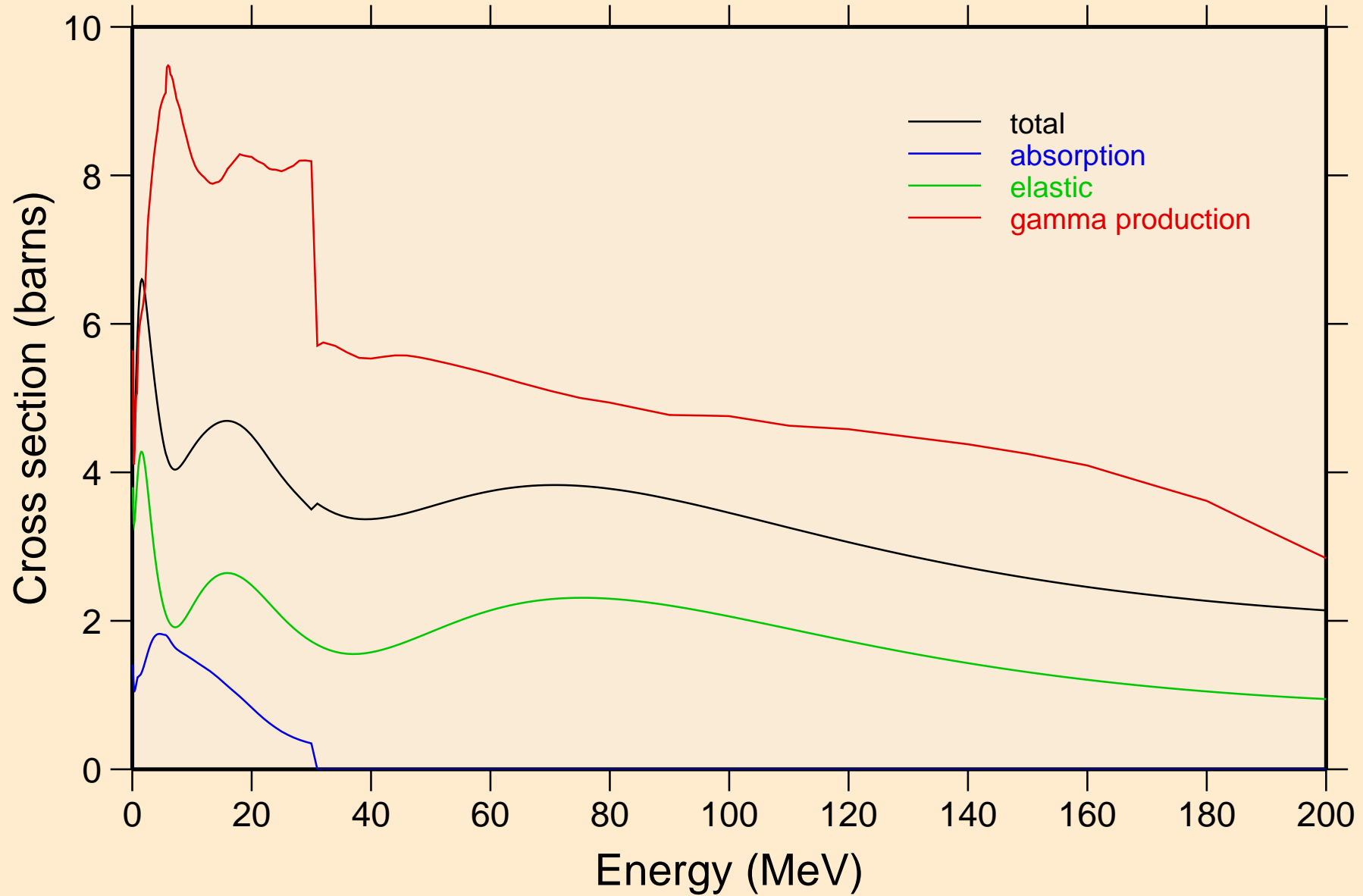


ND130 NRG TENDL-2015, AKONING  
Non-threshold reactions



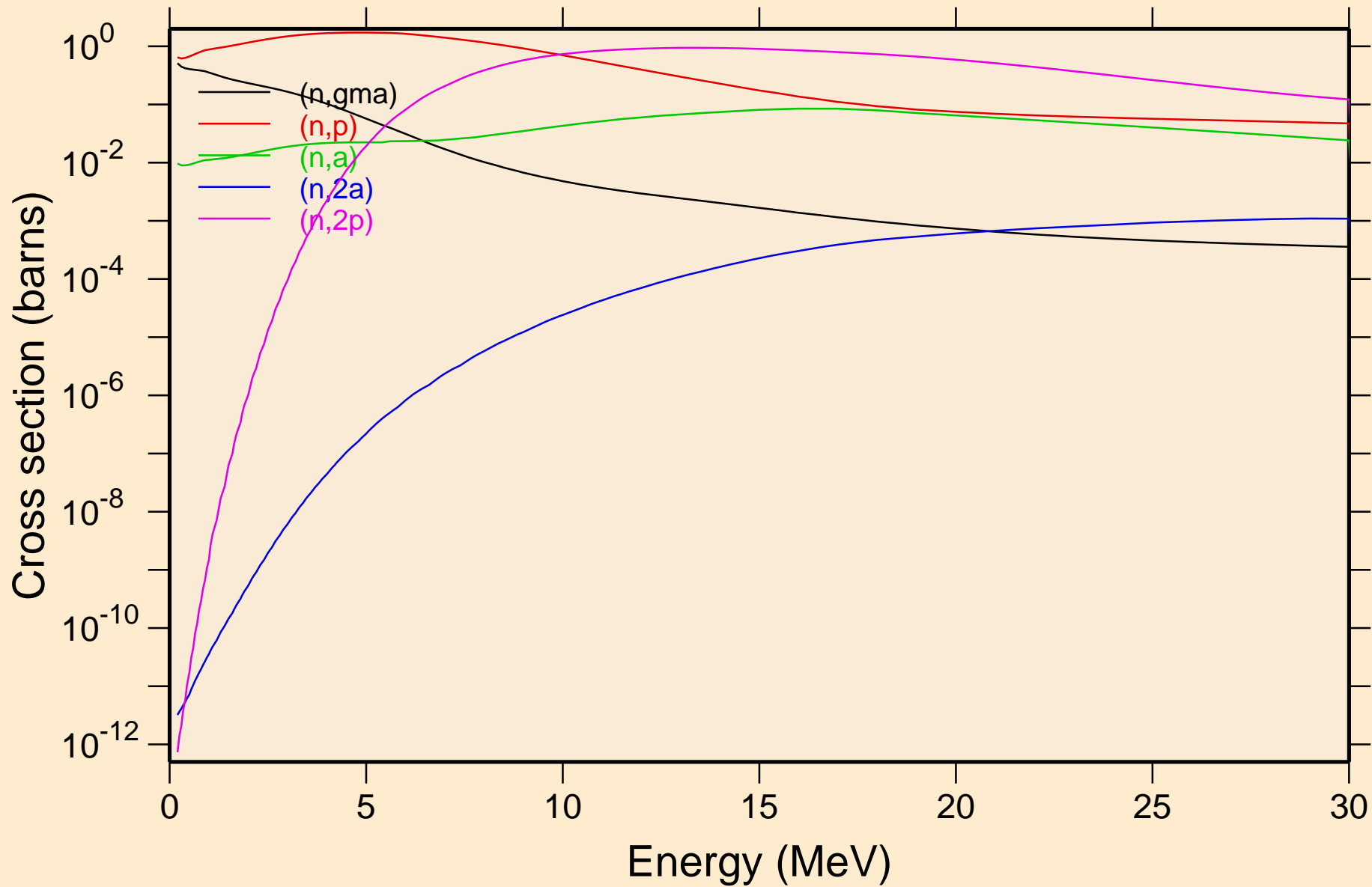
# ND130 NRG TENDL-2015, AKONING

## Principal cross sections

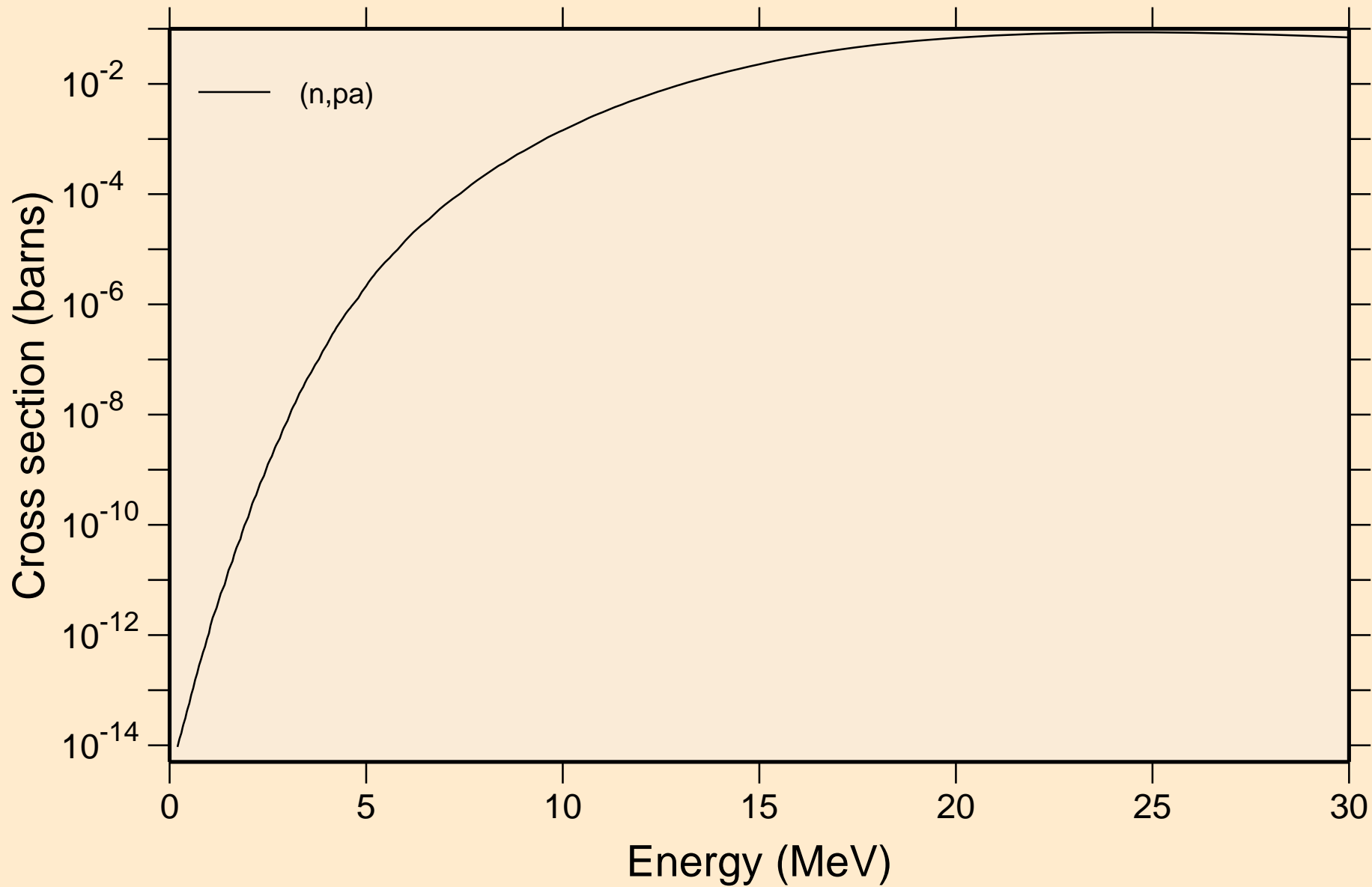


# ND130 NRG TENDL-2015, AKONING

## Non-threshold reactions

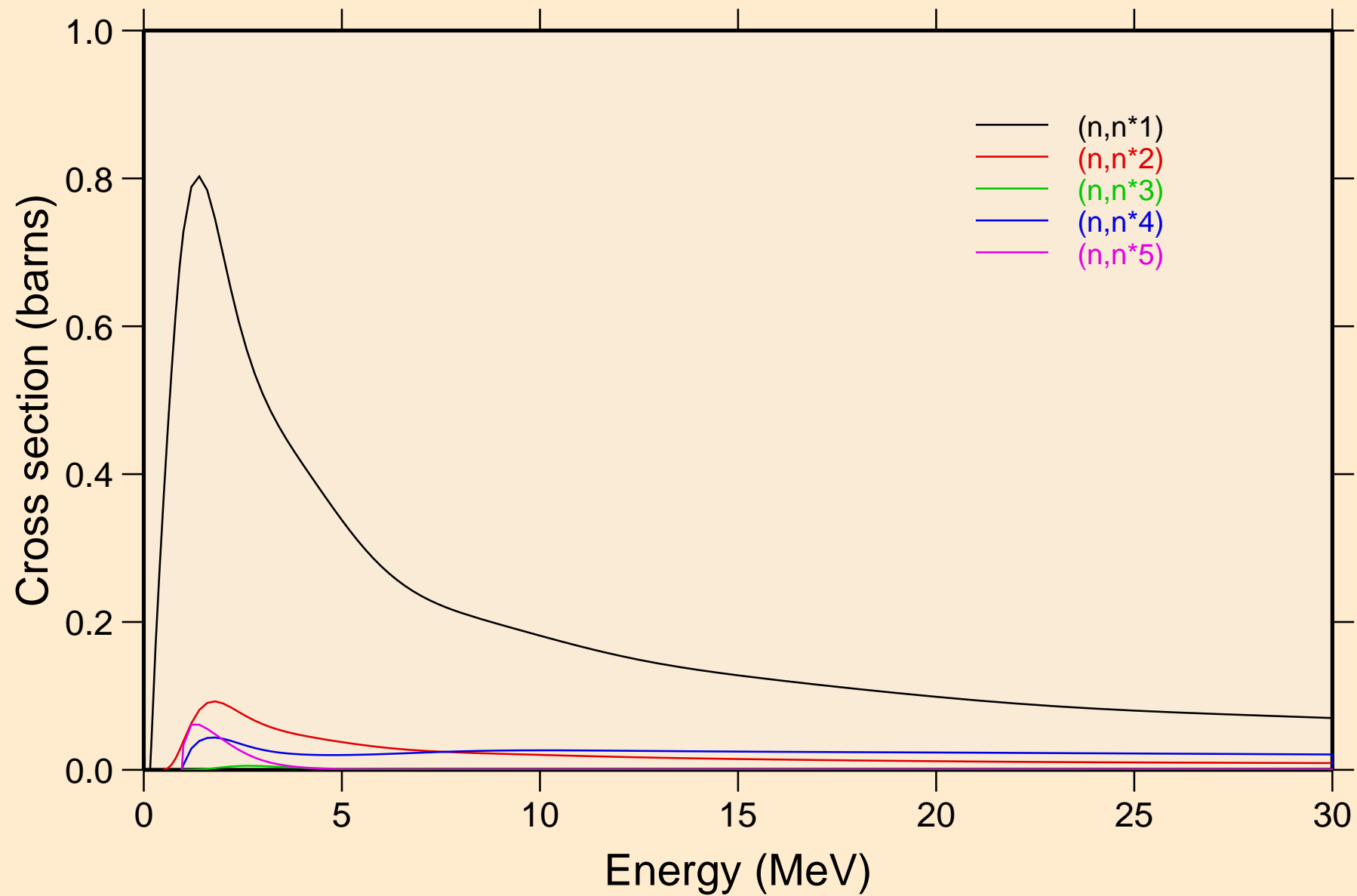


ND130 NRG TENDL-2015, AKONING  
Non-threshold reactions



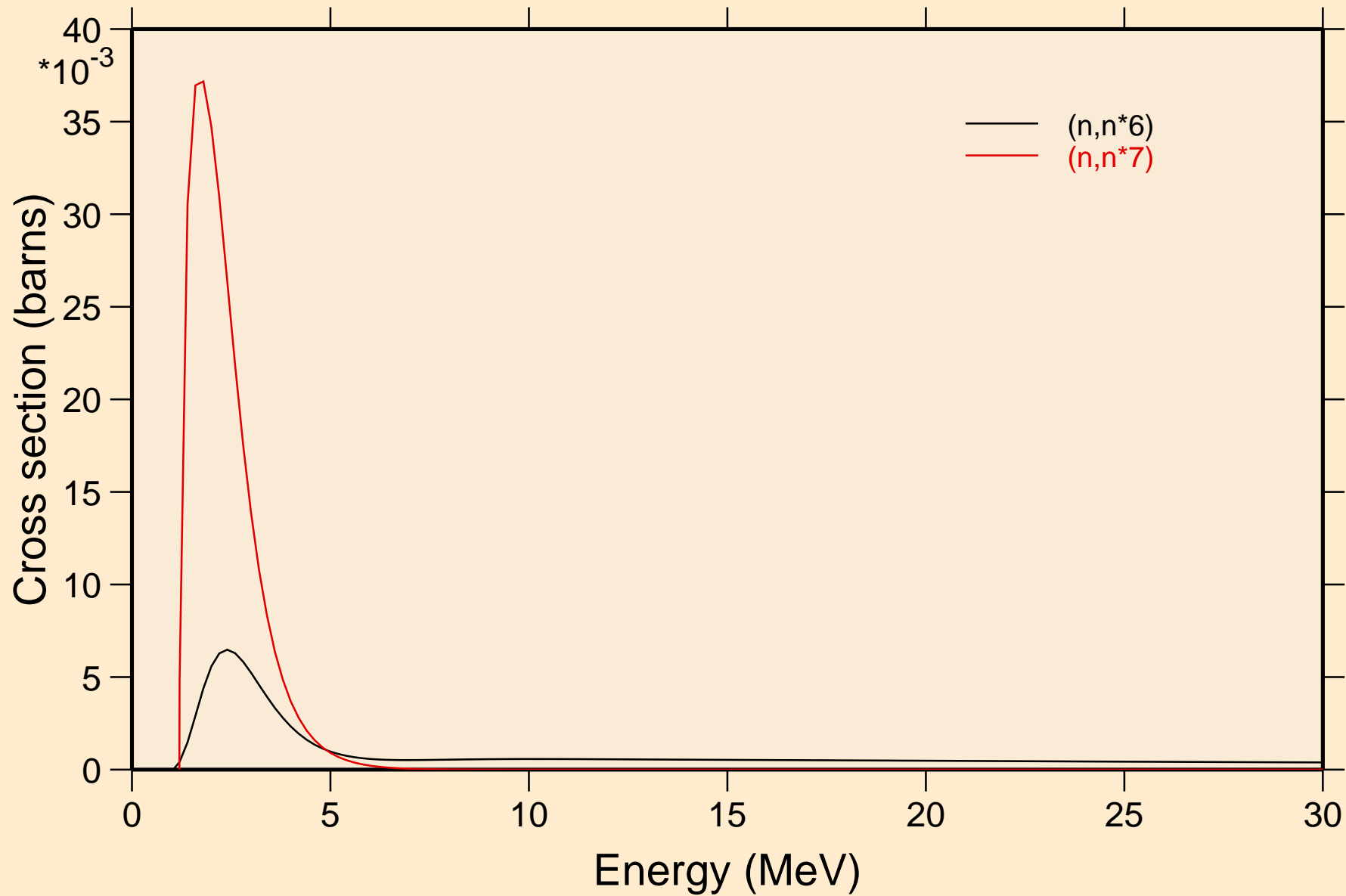
# ND130 NRG TENDL-2015, AKONING

## Inelastic levels



# ND130 NRG TENDL-2015, AKONING

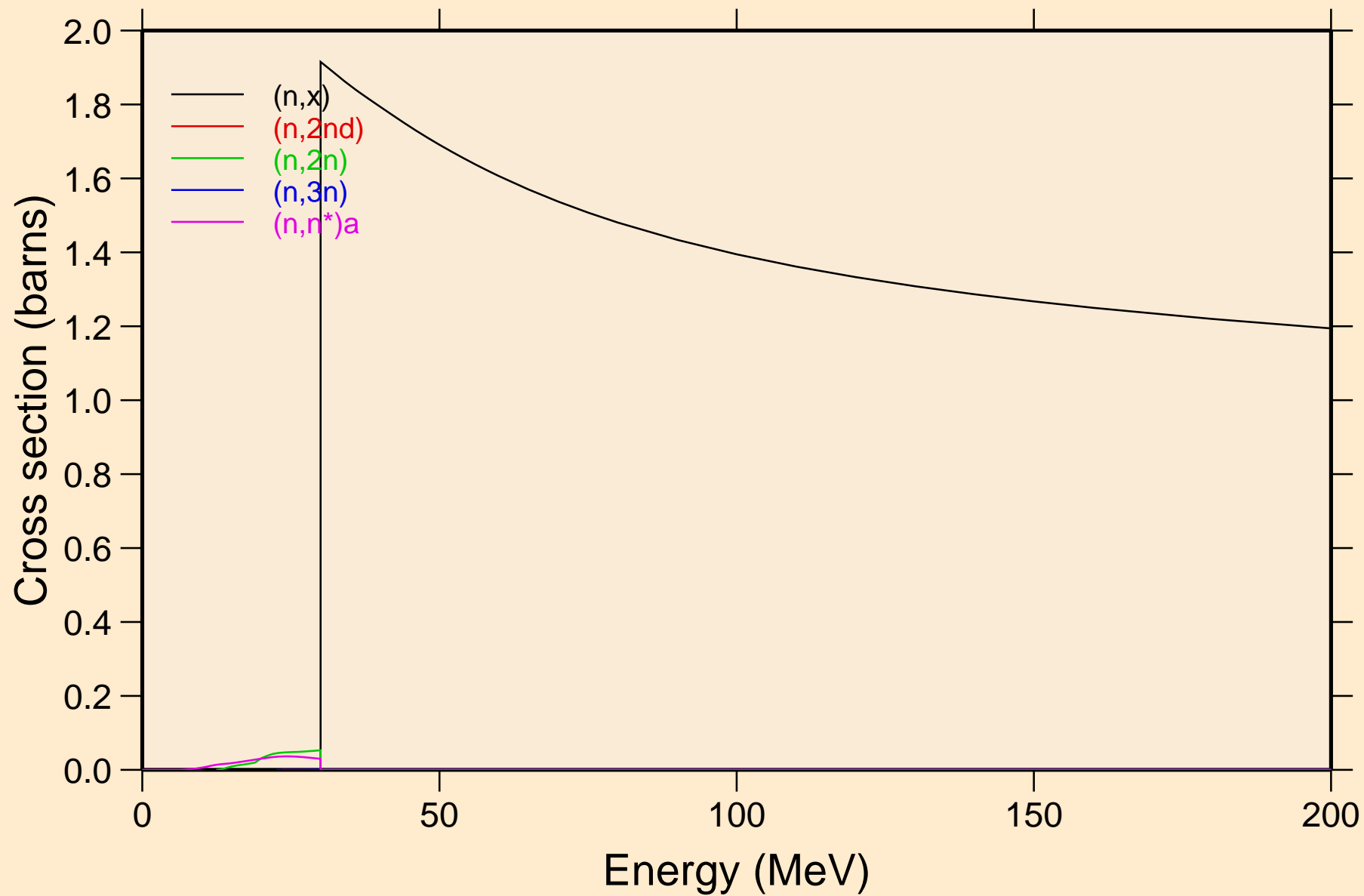
## Inelastic levels





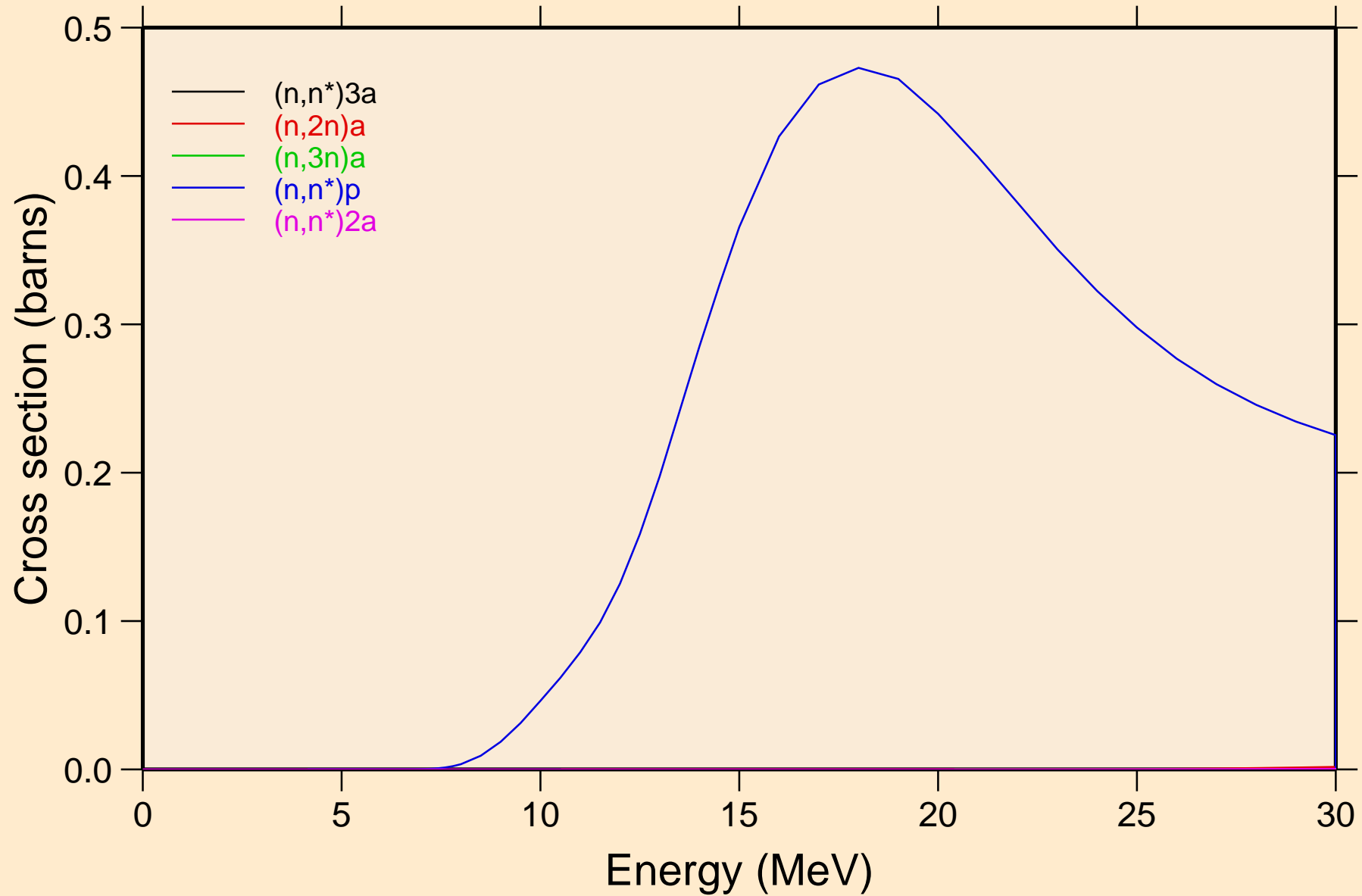
# ND130 NRG TENDL-2015, AKONING

## Threshold reactions



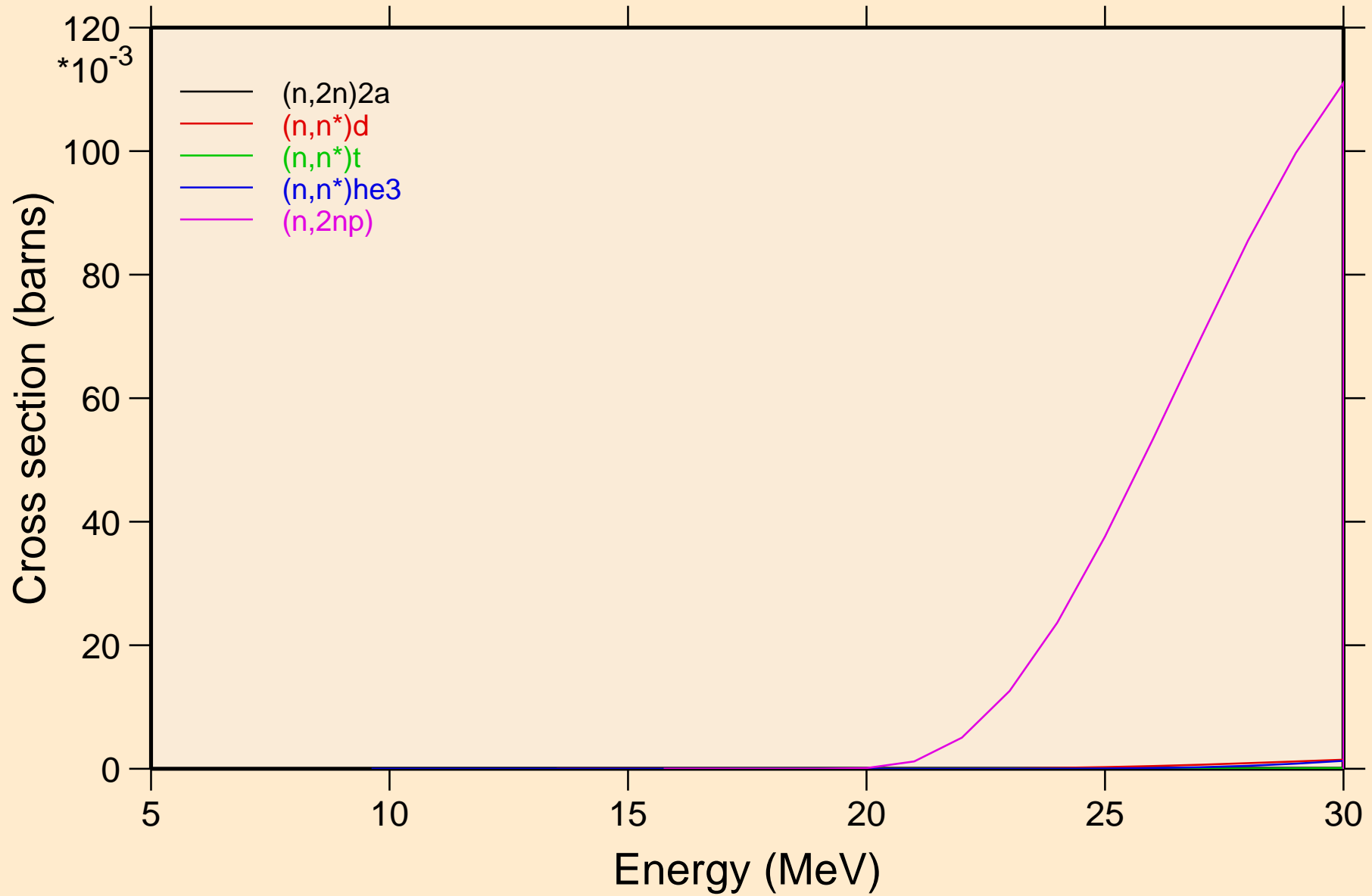
# ND130 NRG TENDL-2015, AKONING

## Threshold reactions



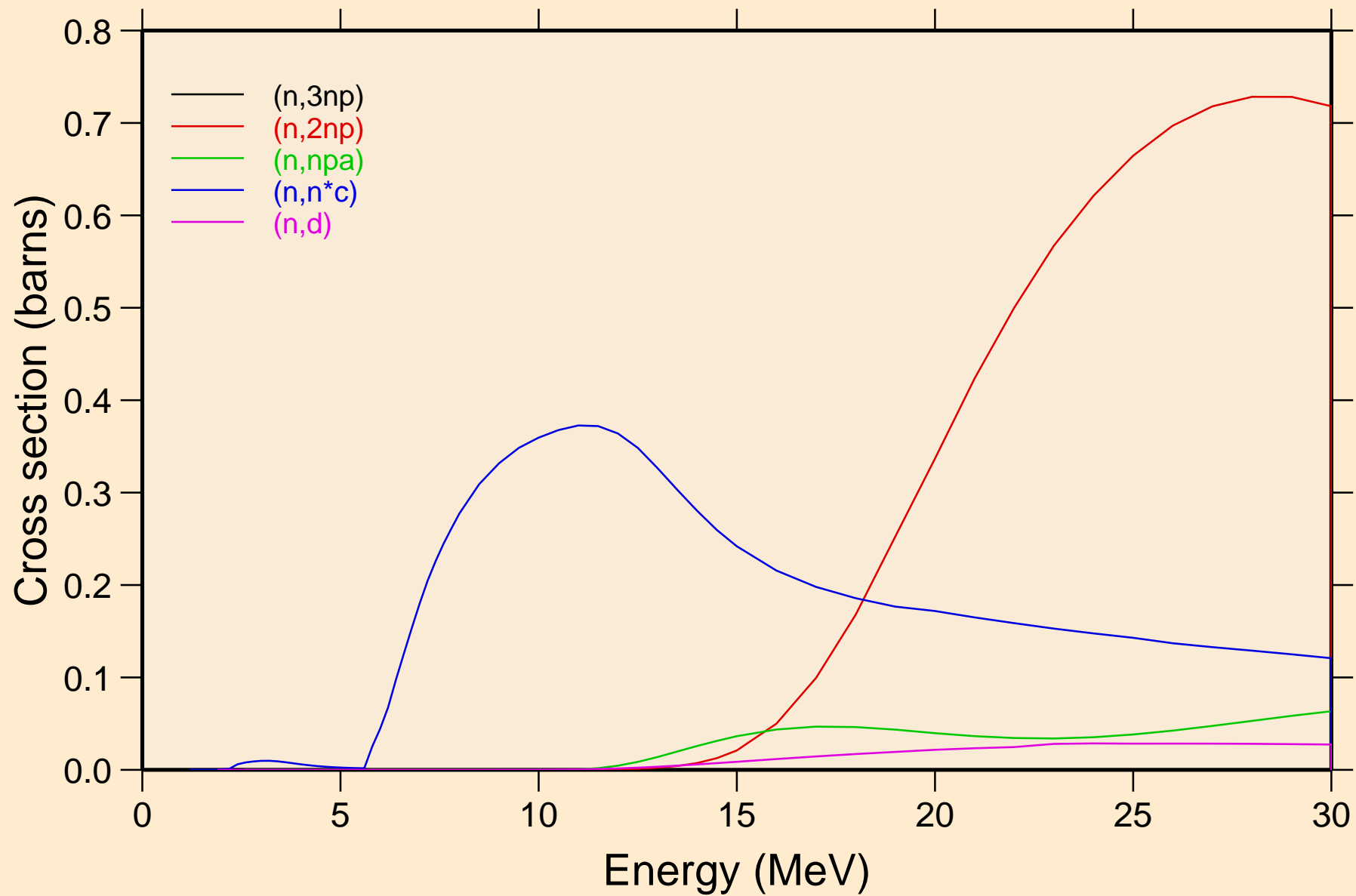
# ND130 NRG TENDL-2015, AKONING

## Threshold reactions



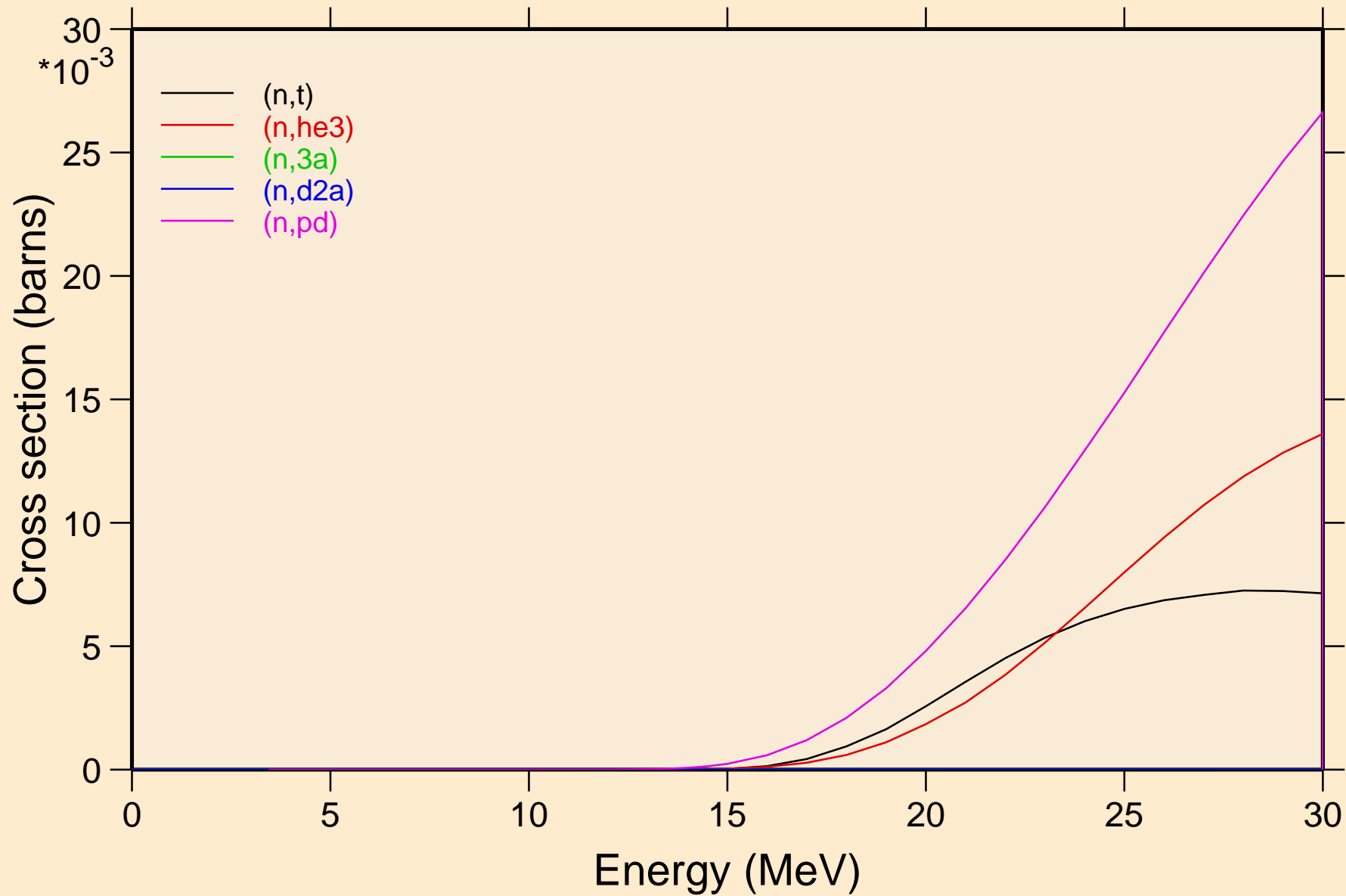
# ND130 NRG TENDL-2015, AKONING

## Threshold reactions



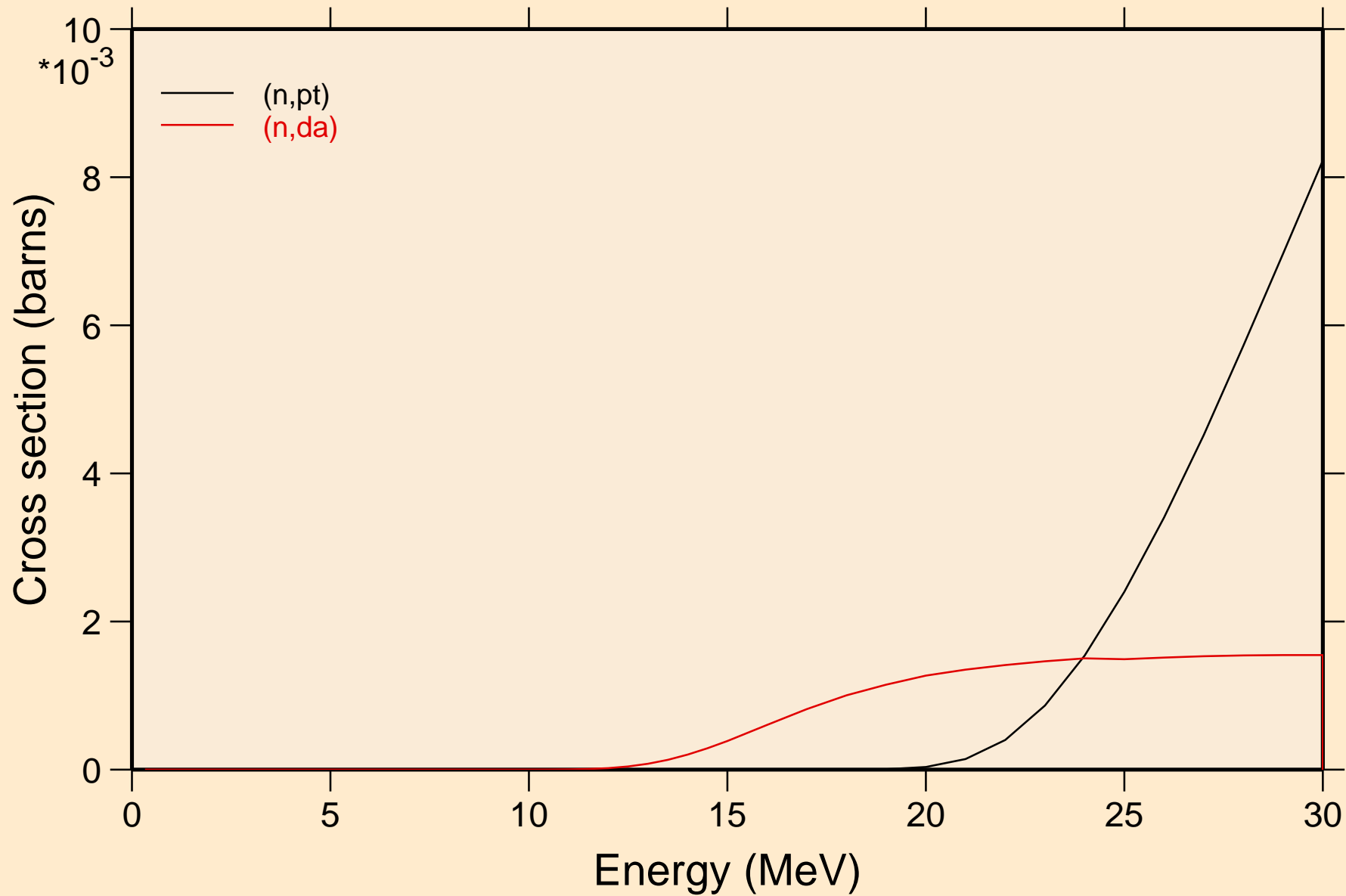
# ND130 NRG TENDL-2015, AKONING

## Threshold reactions

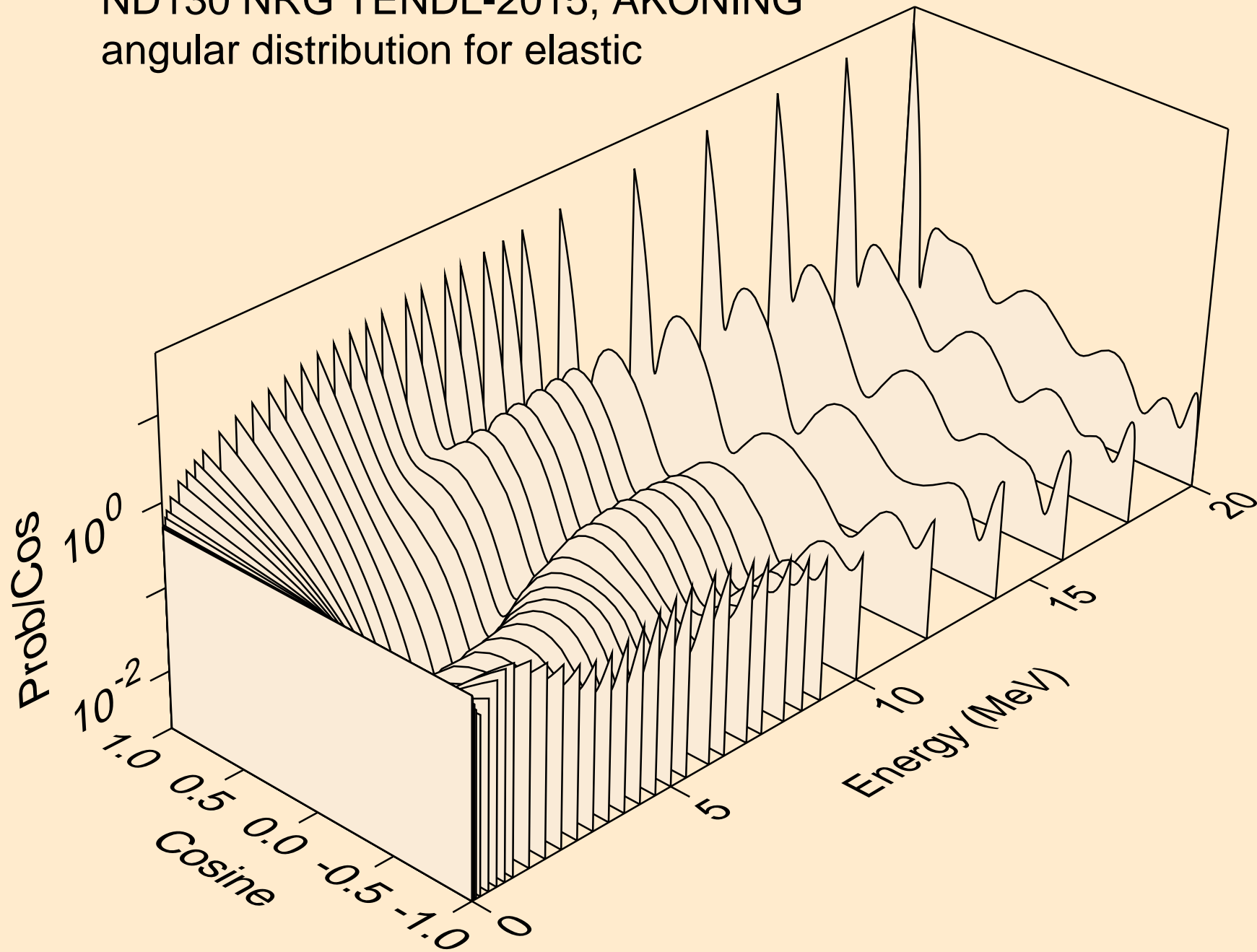


# ND130 NRG TENDL-2015, AKONING

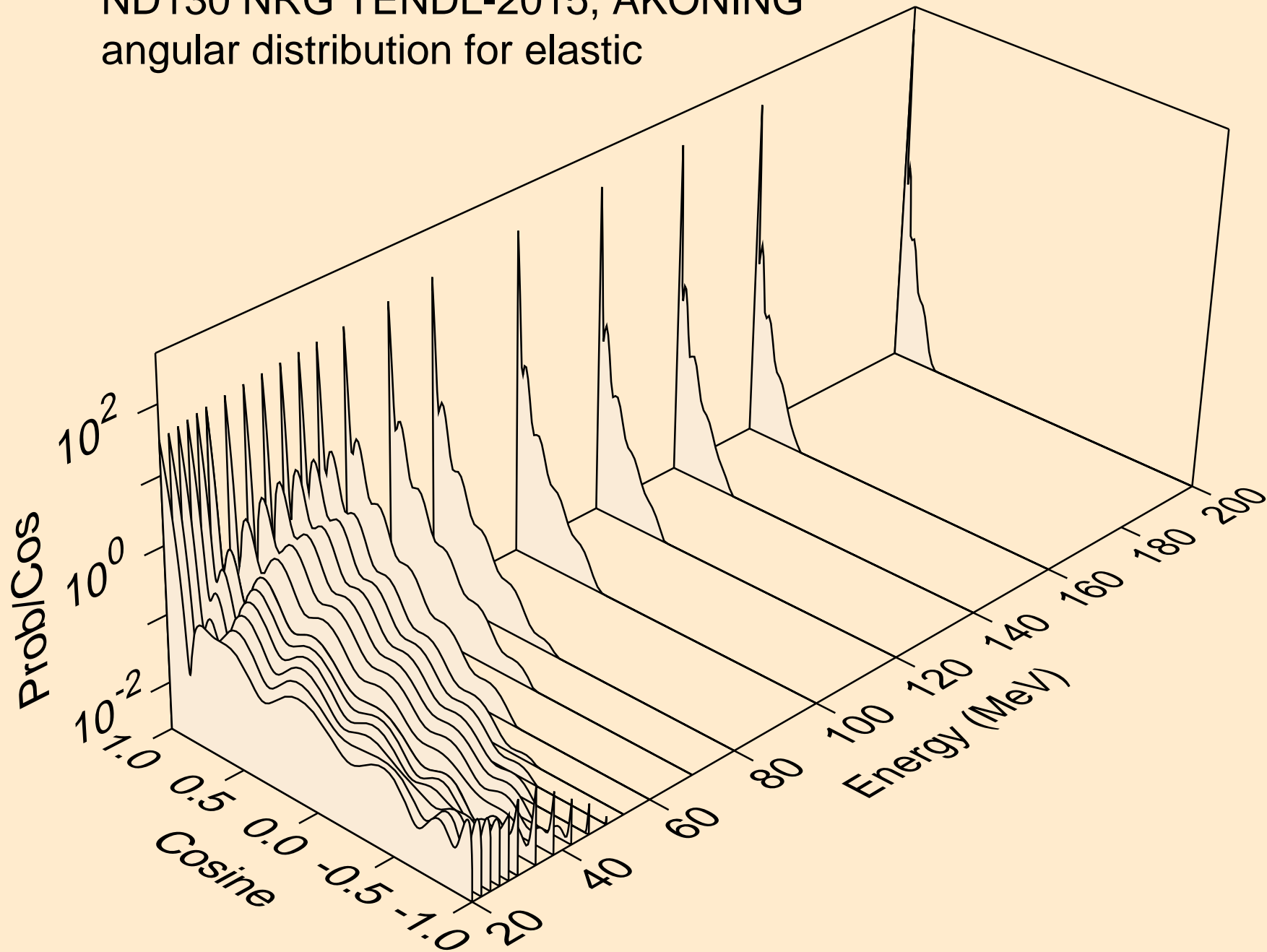
## Threshold reactions



ND130 NRG TENDL-2015, AKONING  
angular distribution for elastic

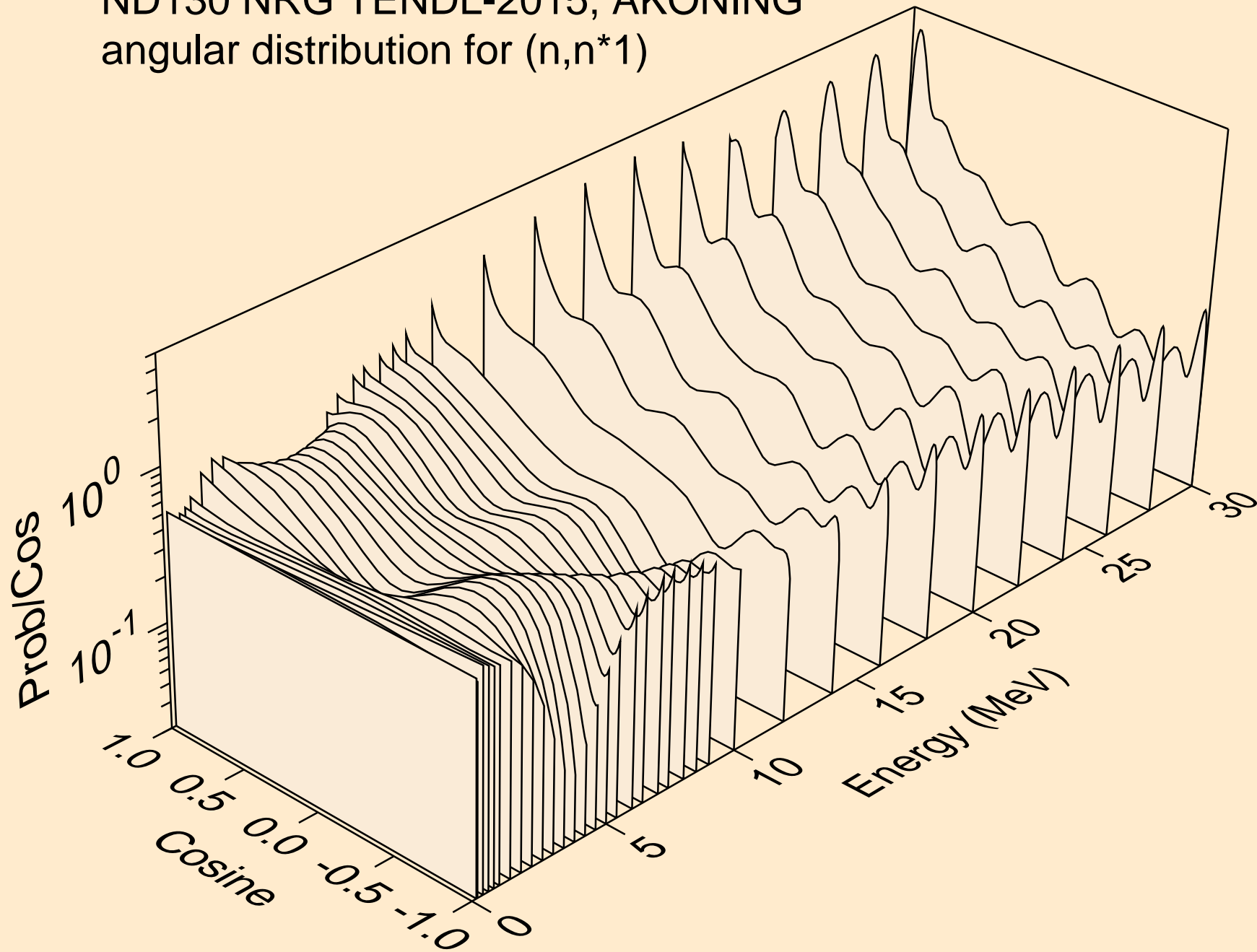


ND130 NRG TENDL-2015, AKONING  
angular distribution for elastic

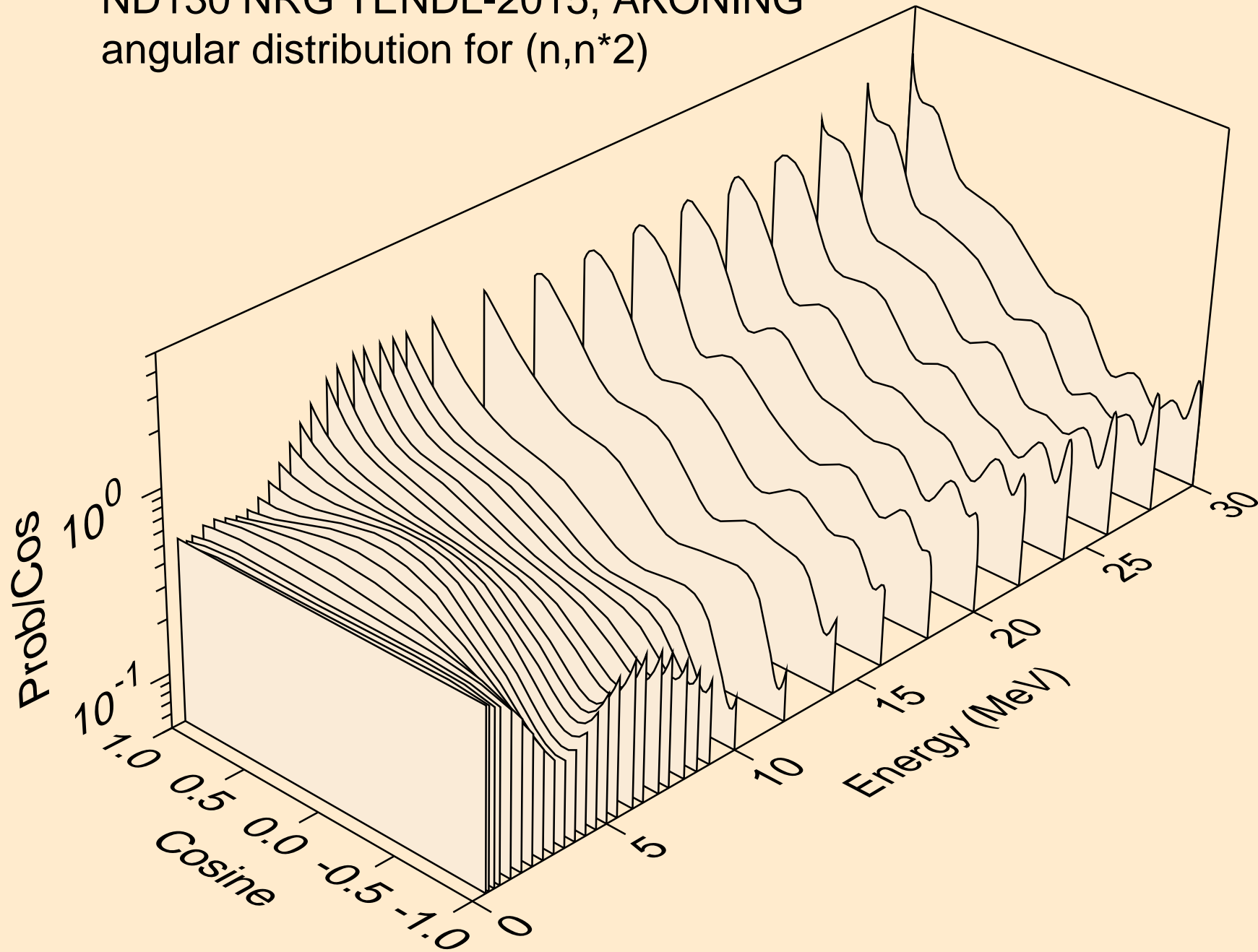




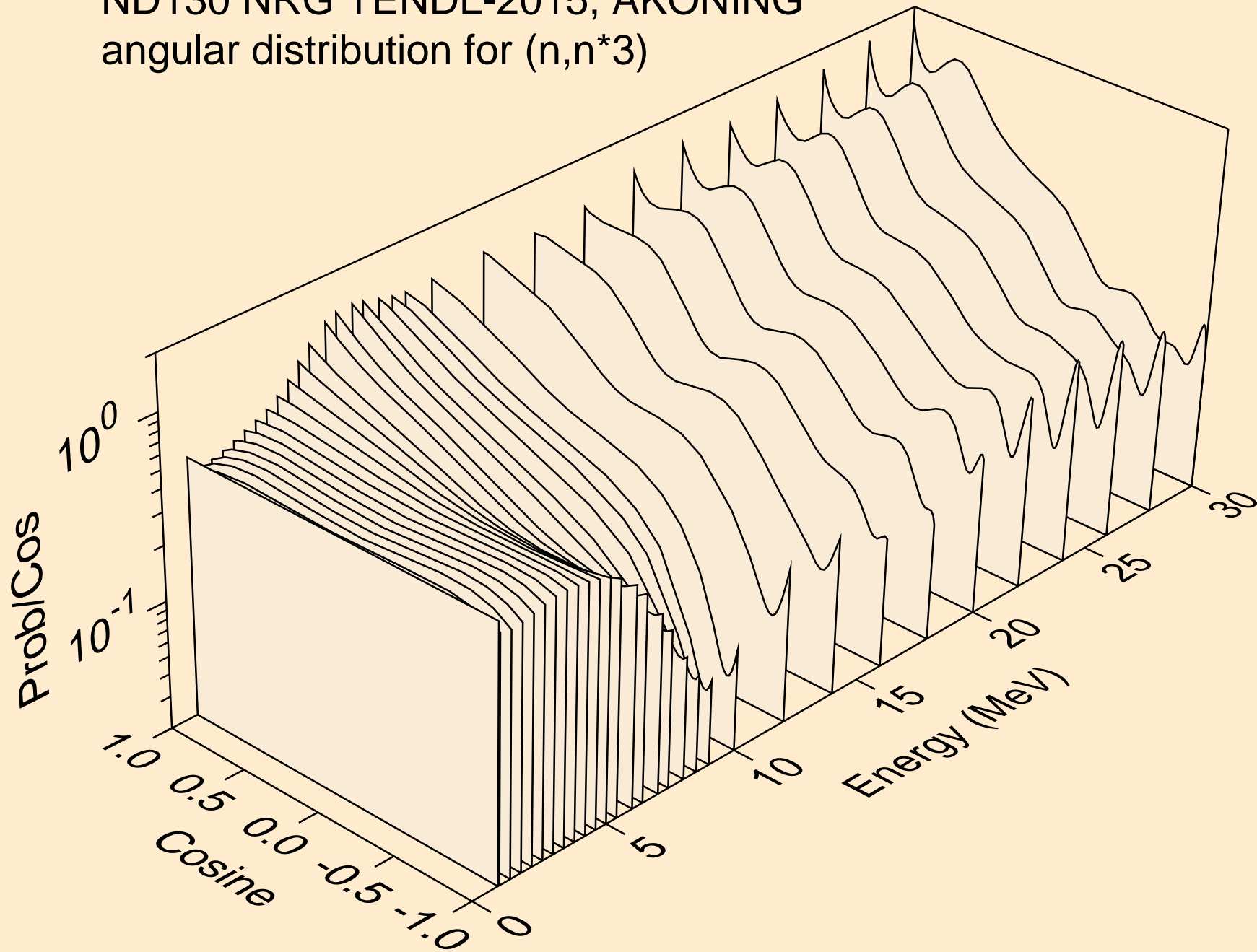
ND130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



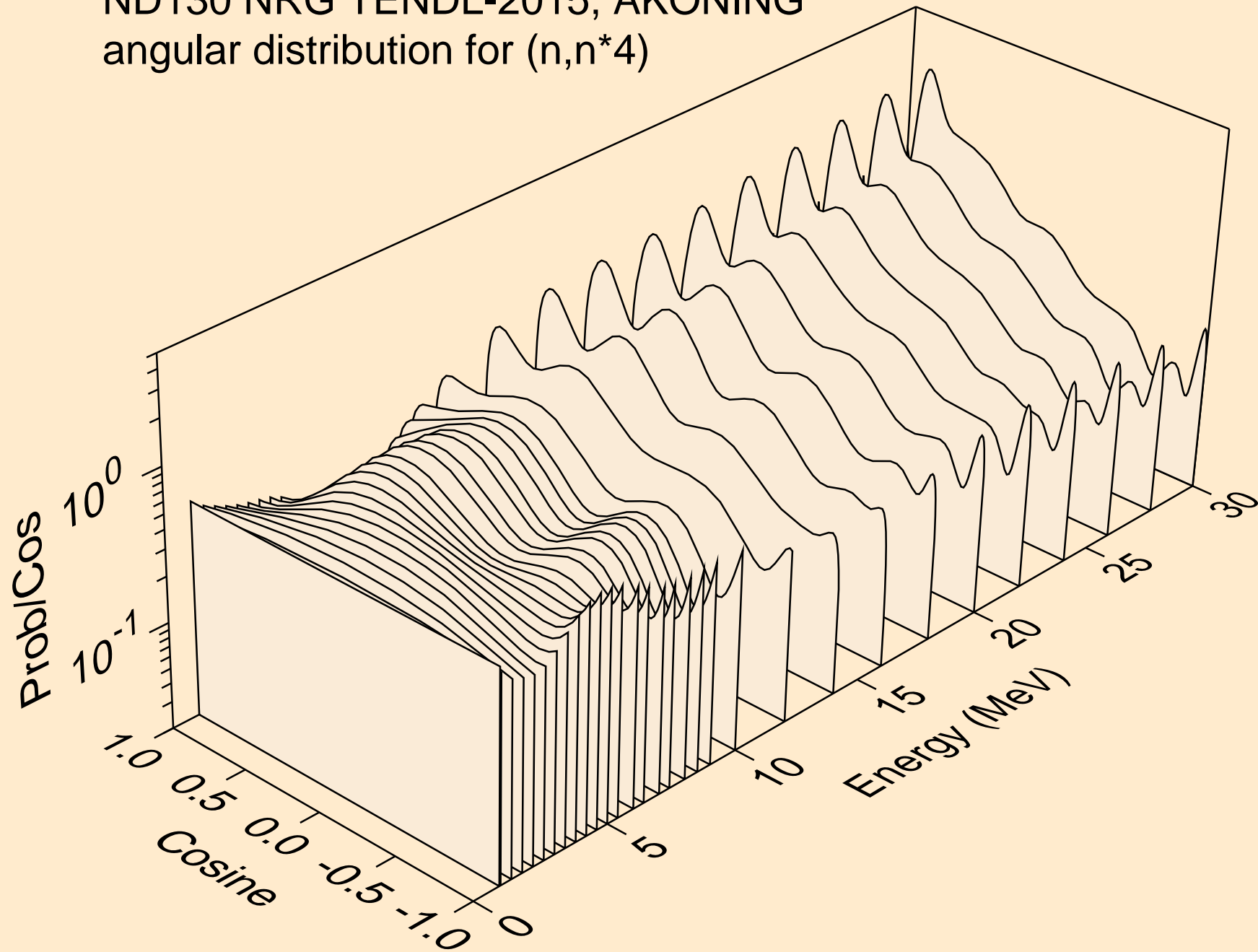
ND130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



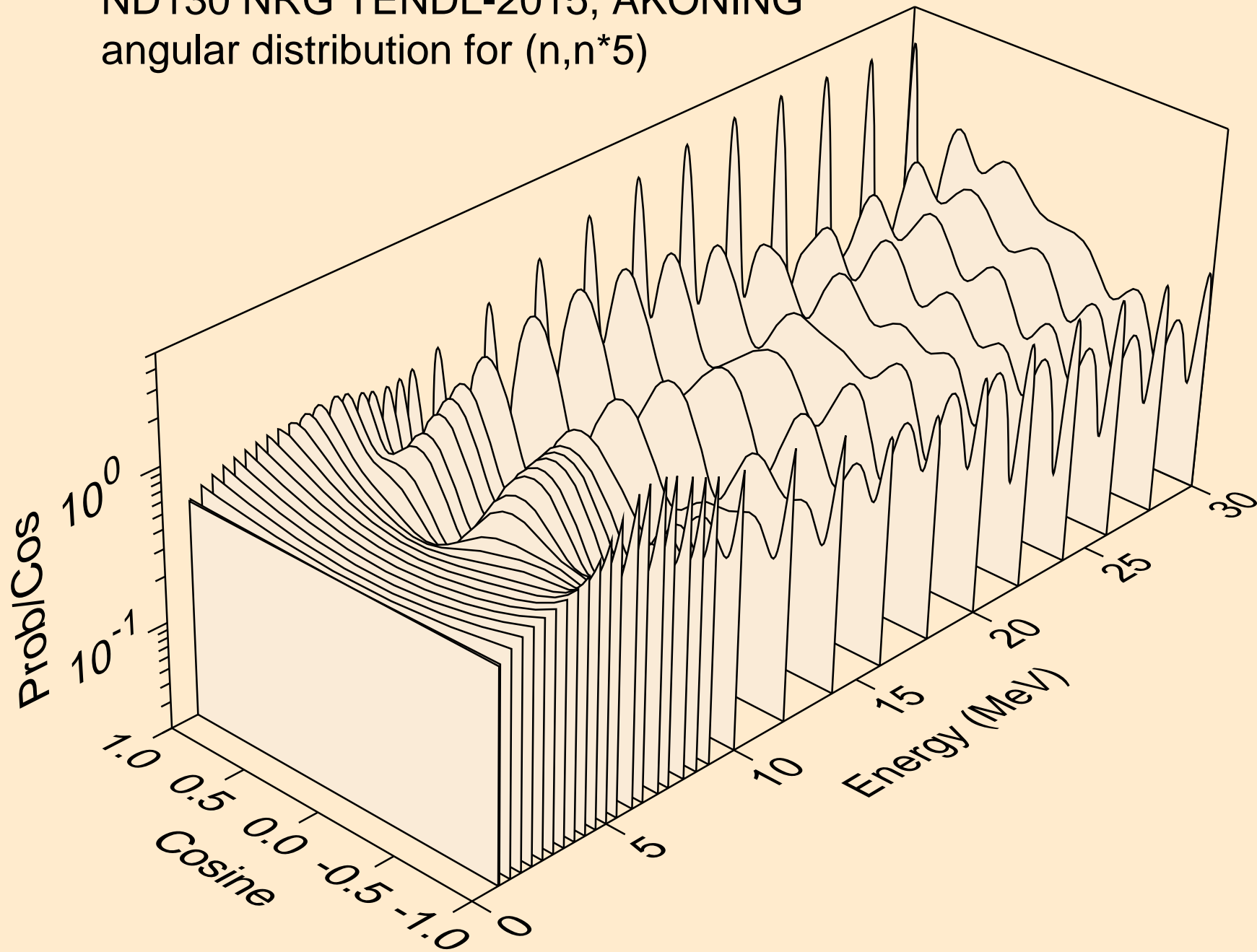
ND130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



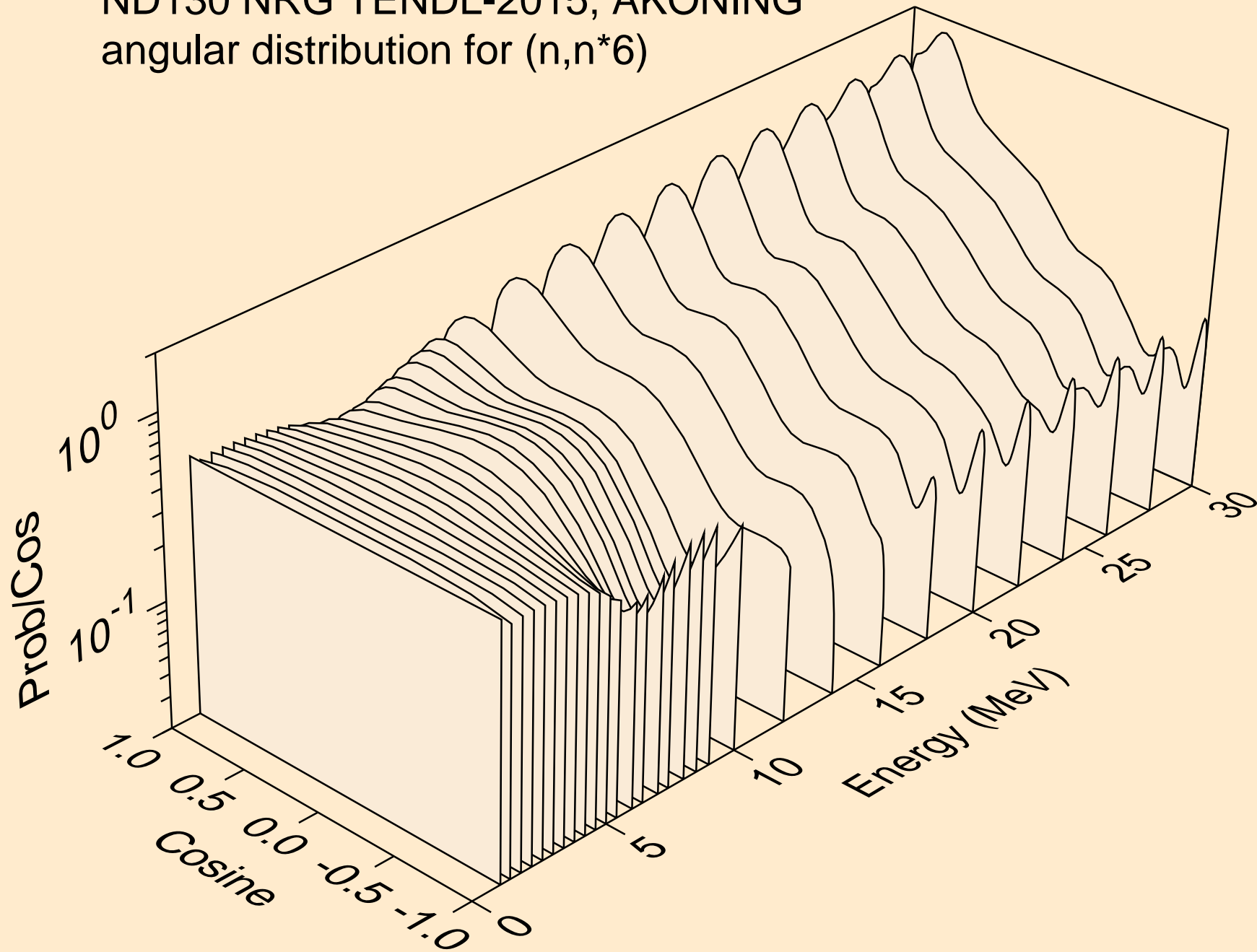
ND130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



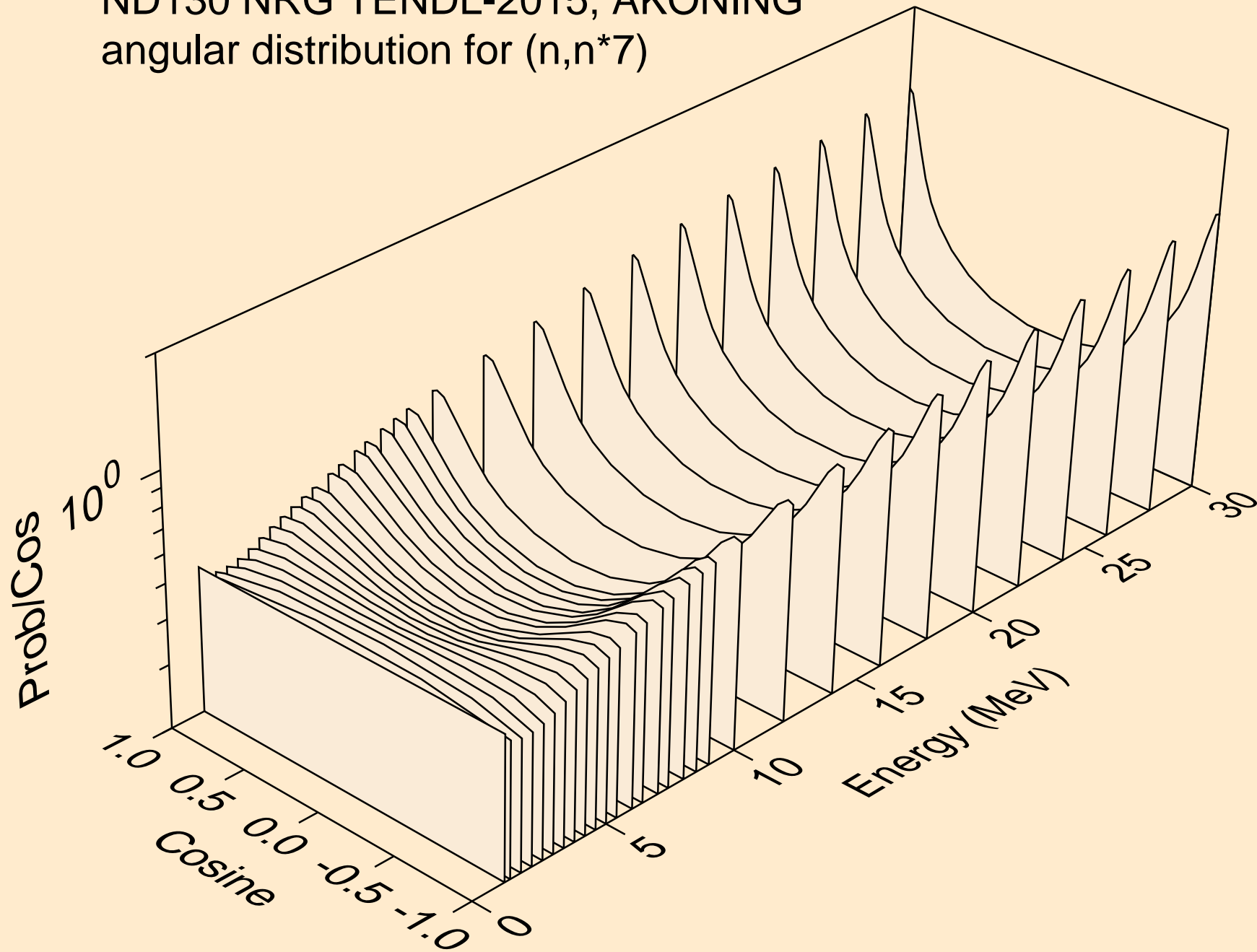
ND130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



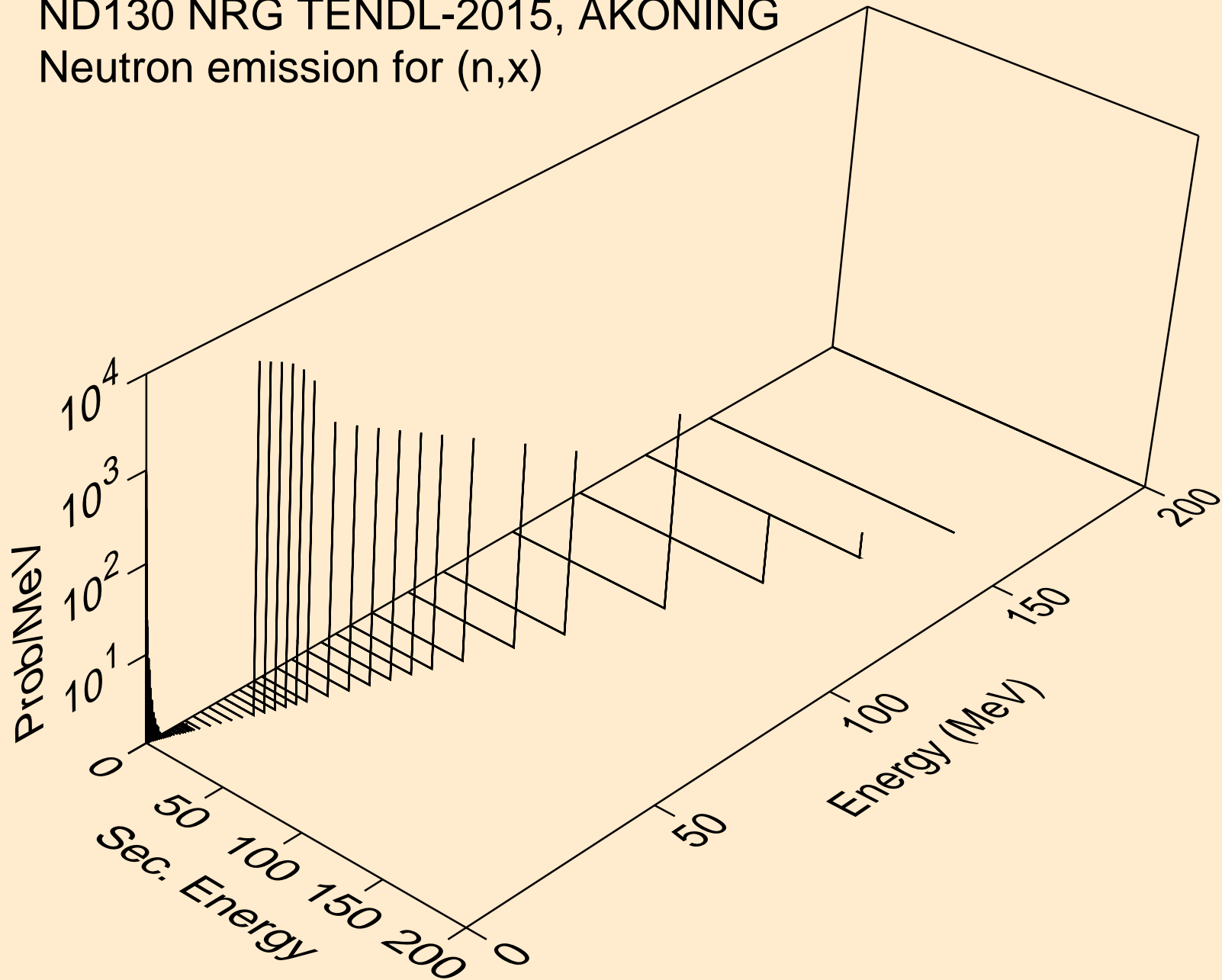
ND130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



ND130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

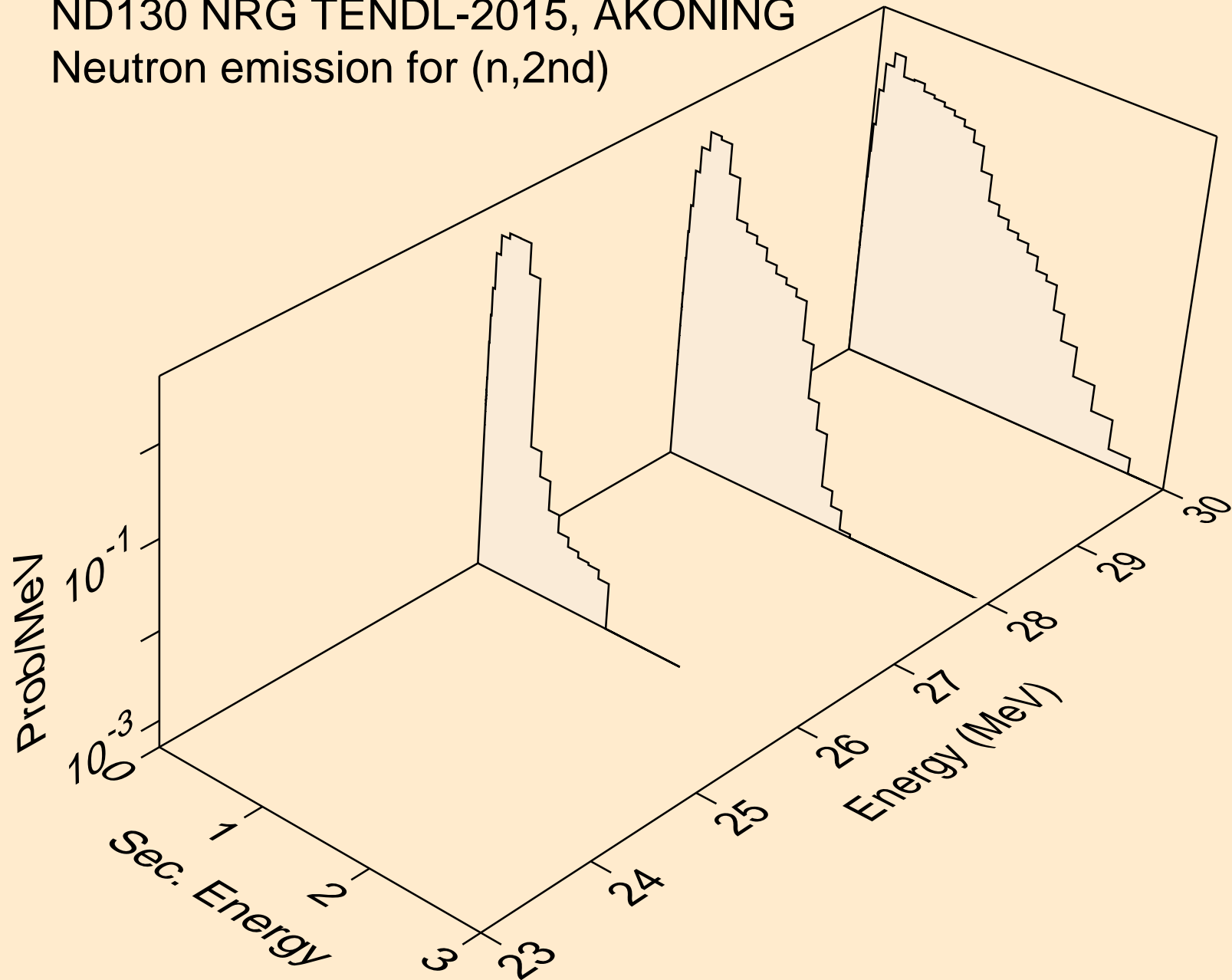


ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

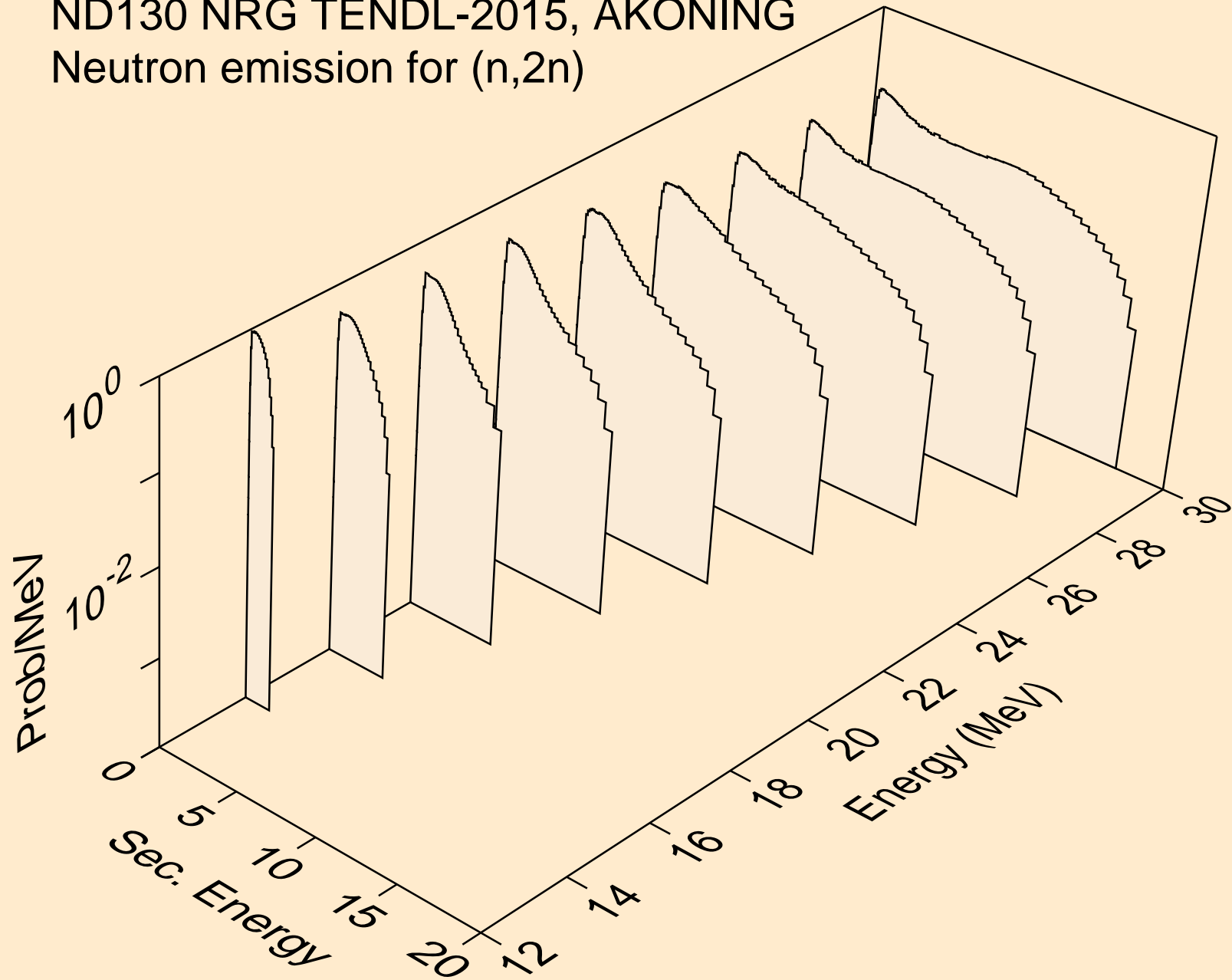




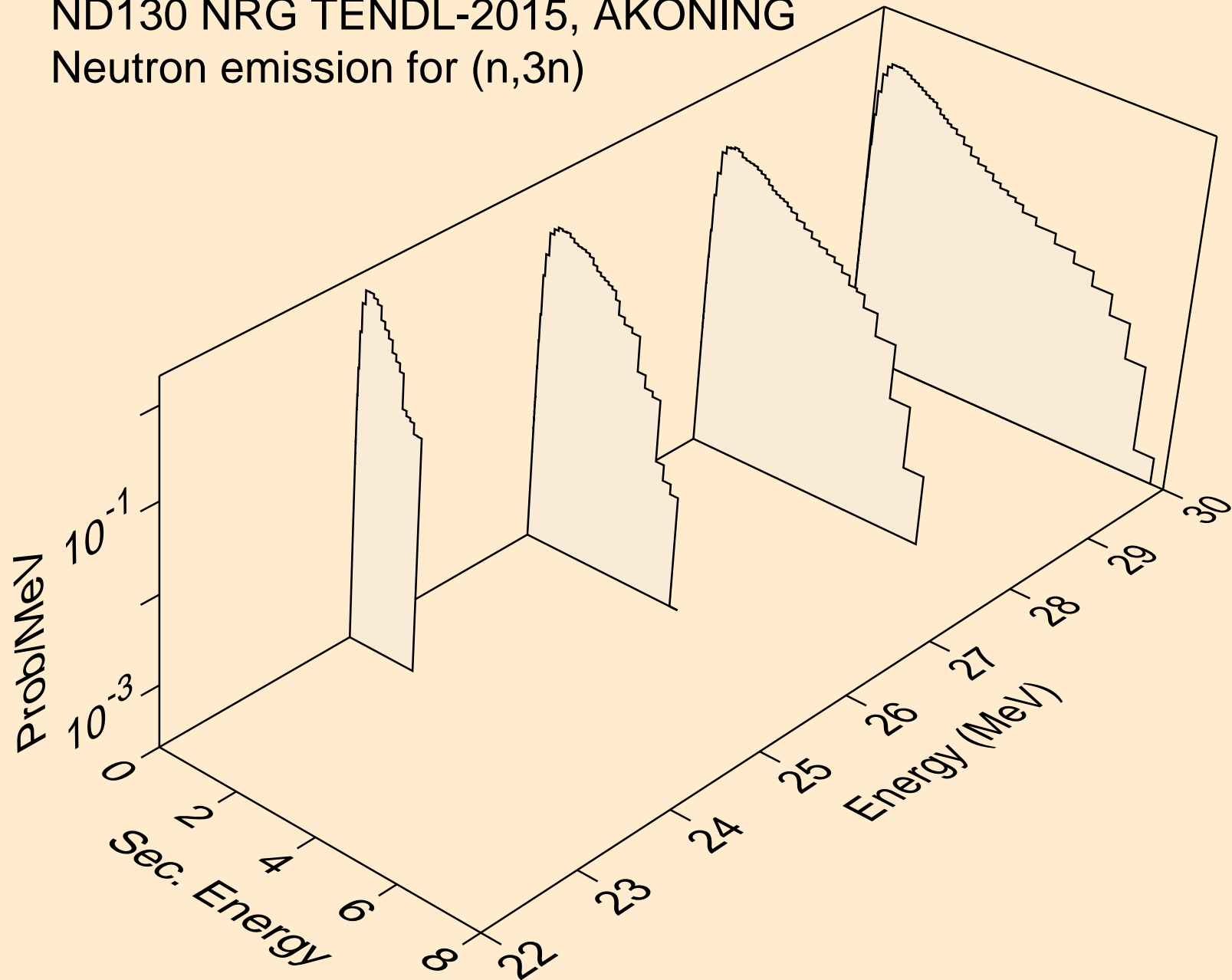
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



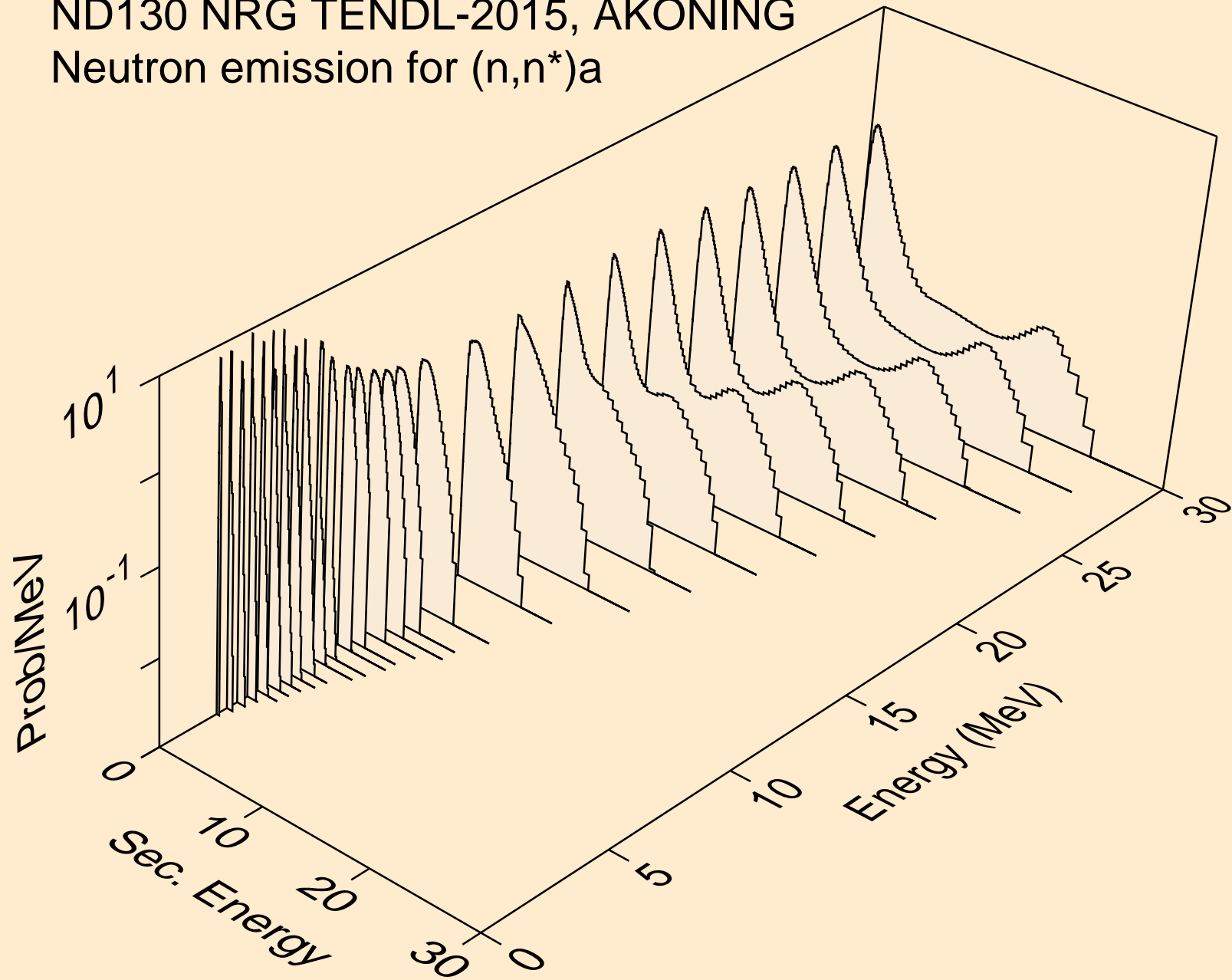
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



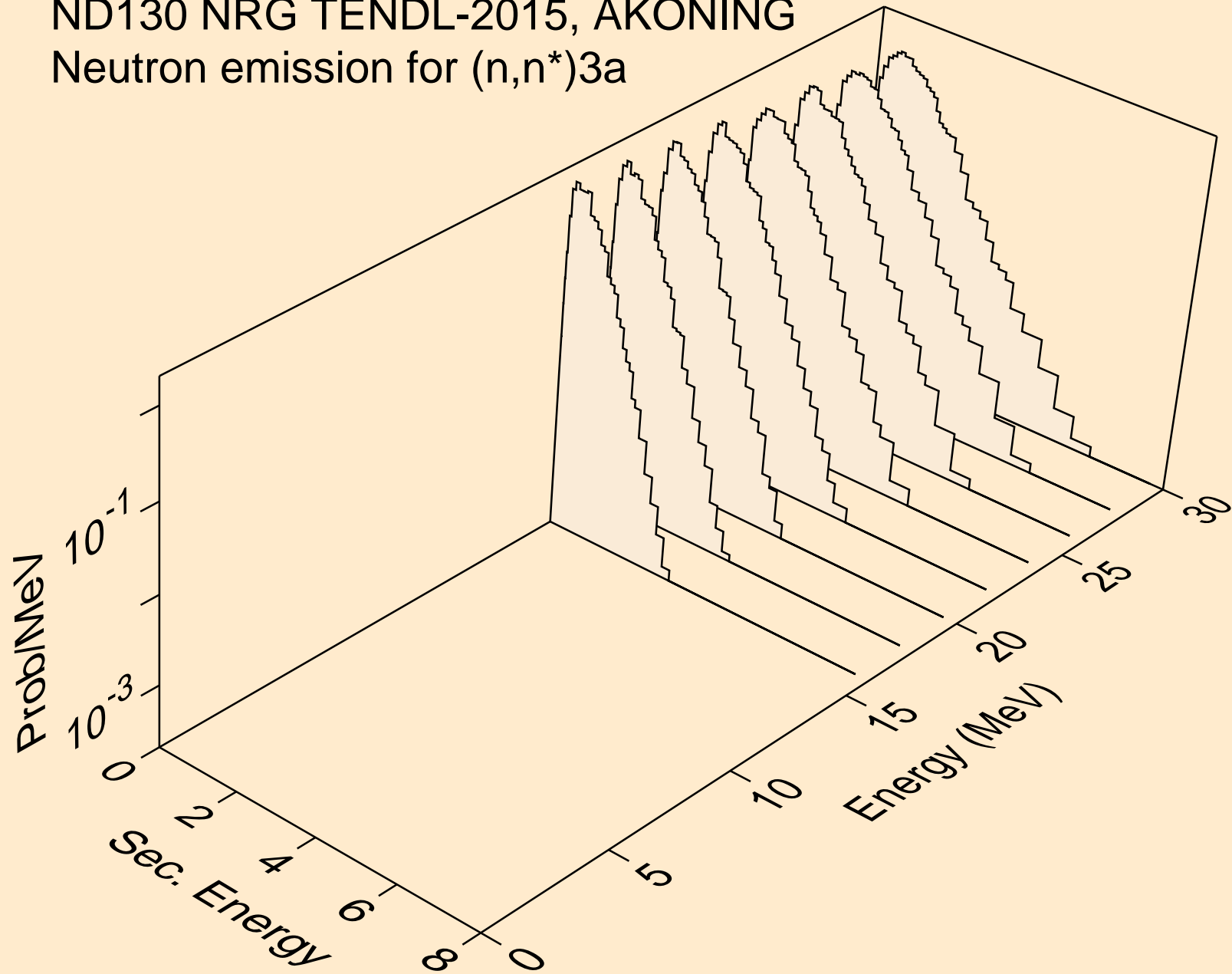
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



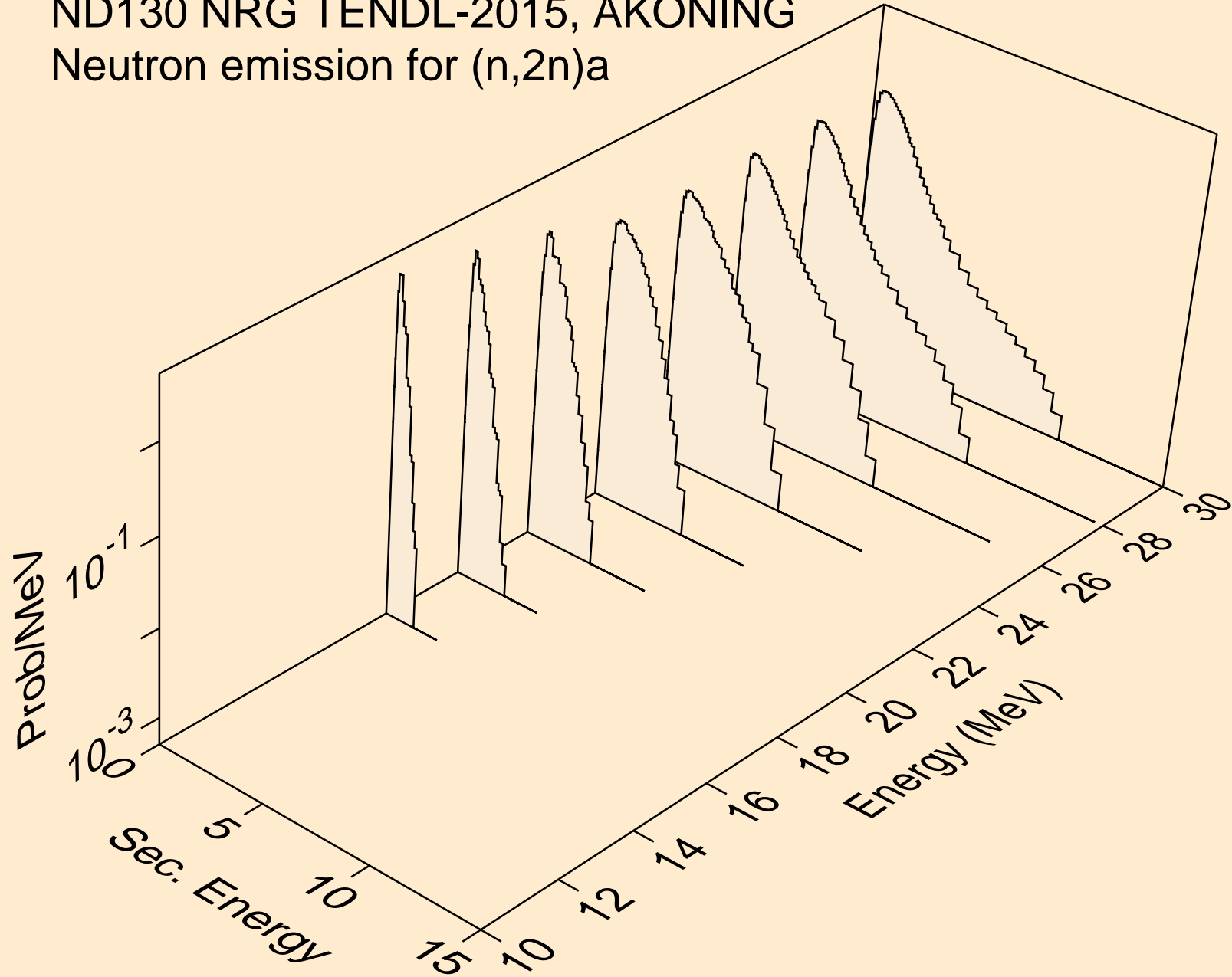
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



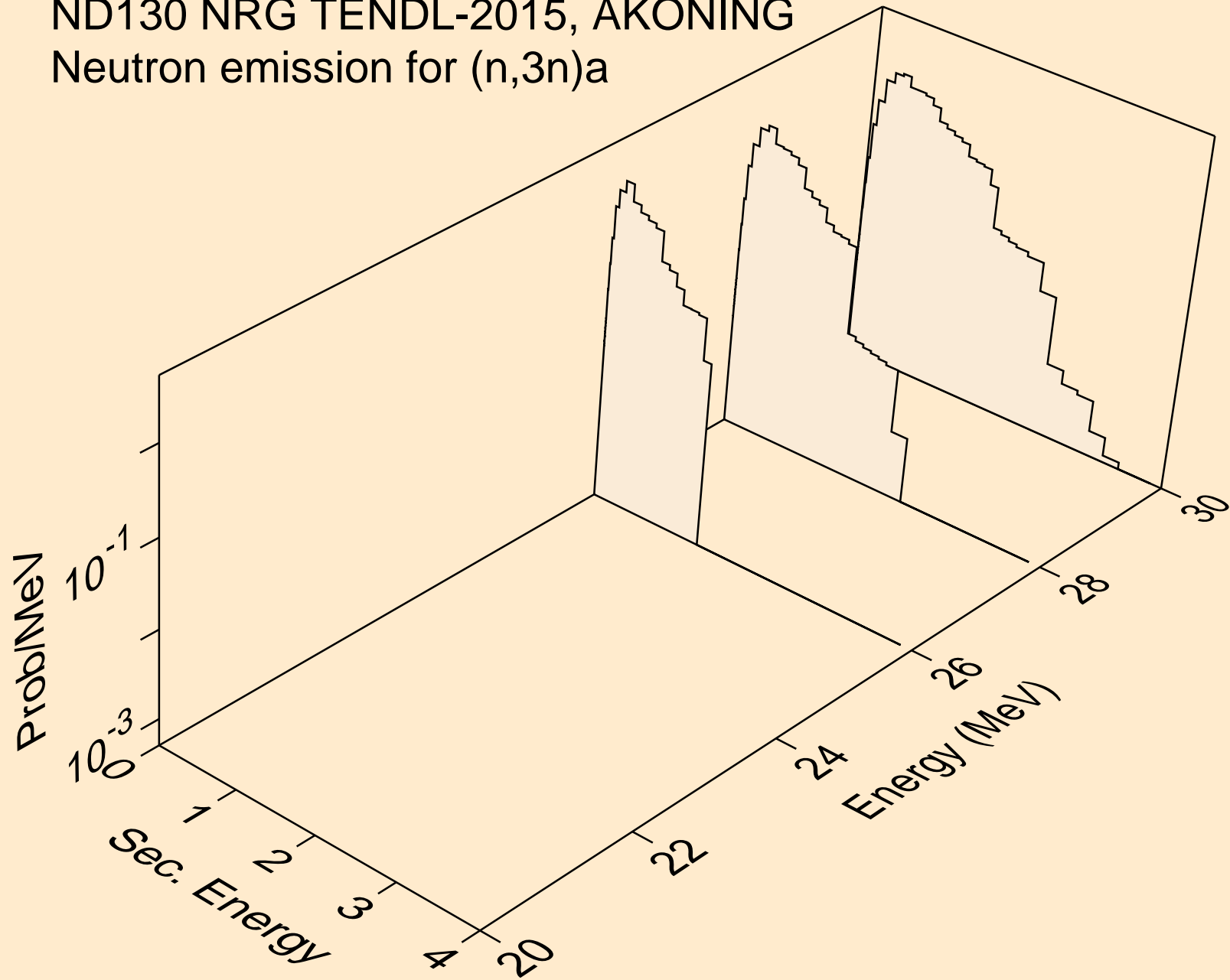
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



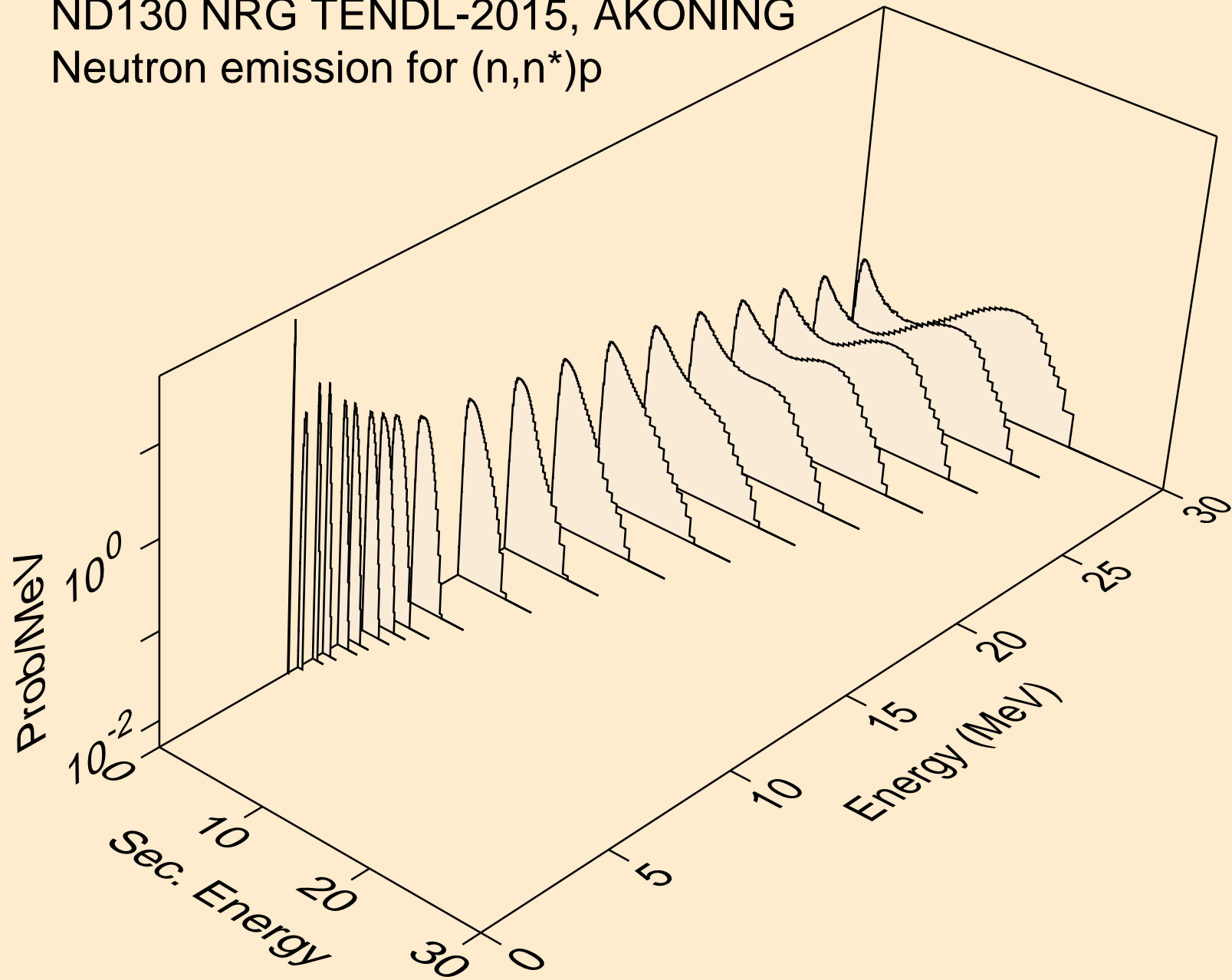
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

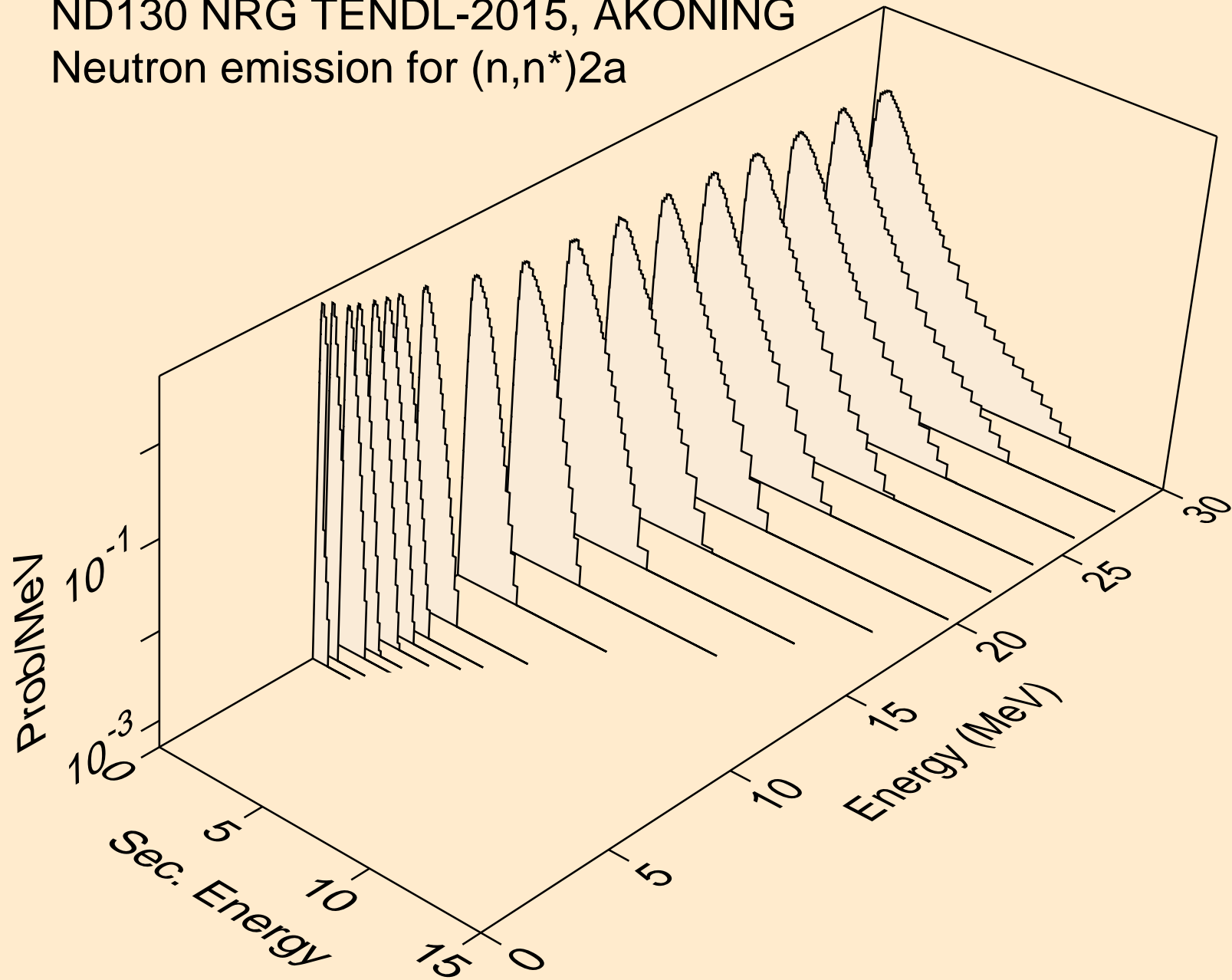


ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

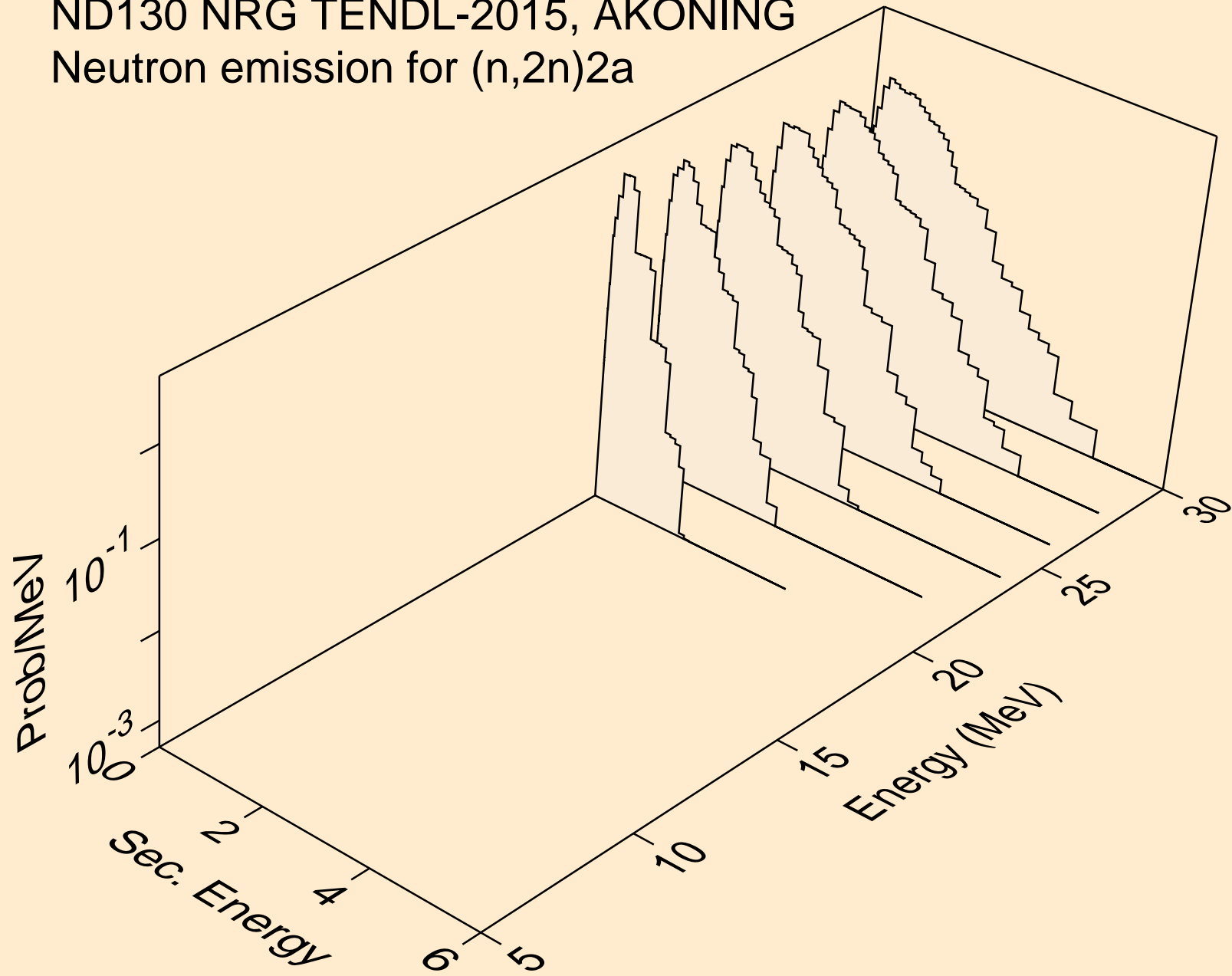




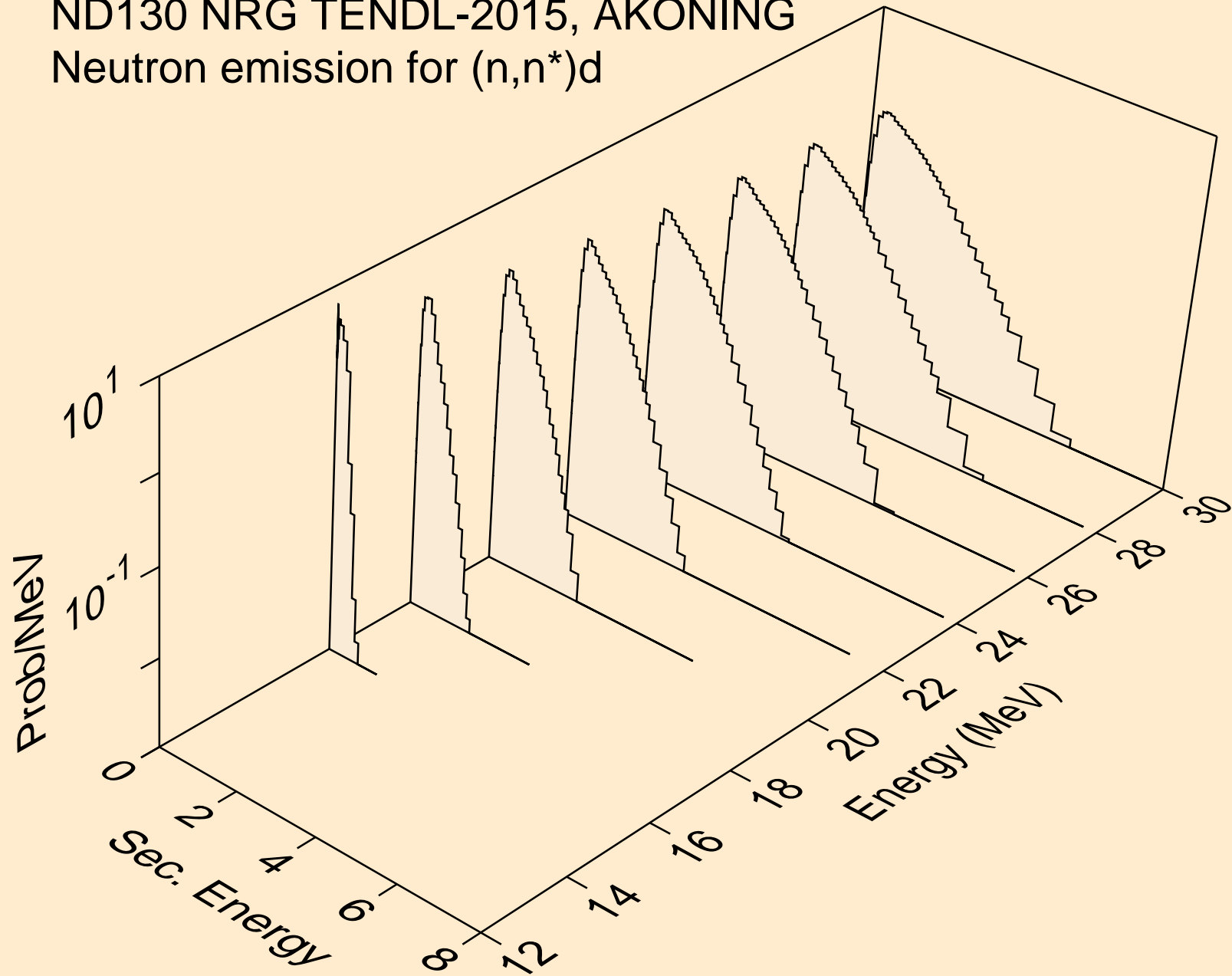
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



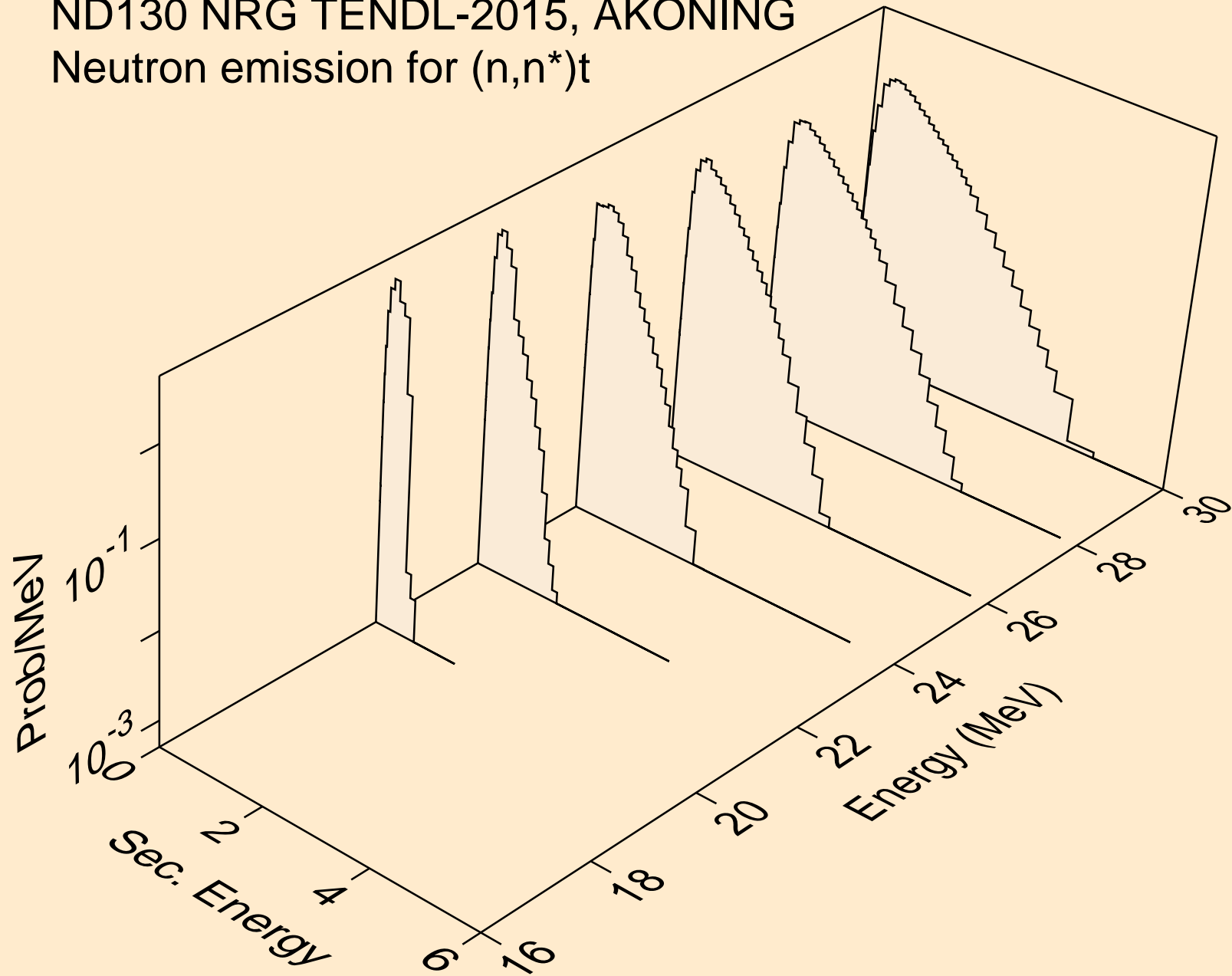
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



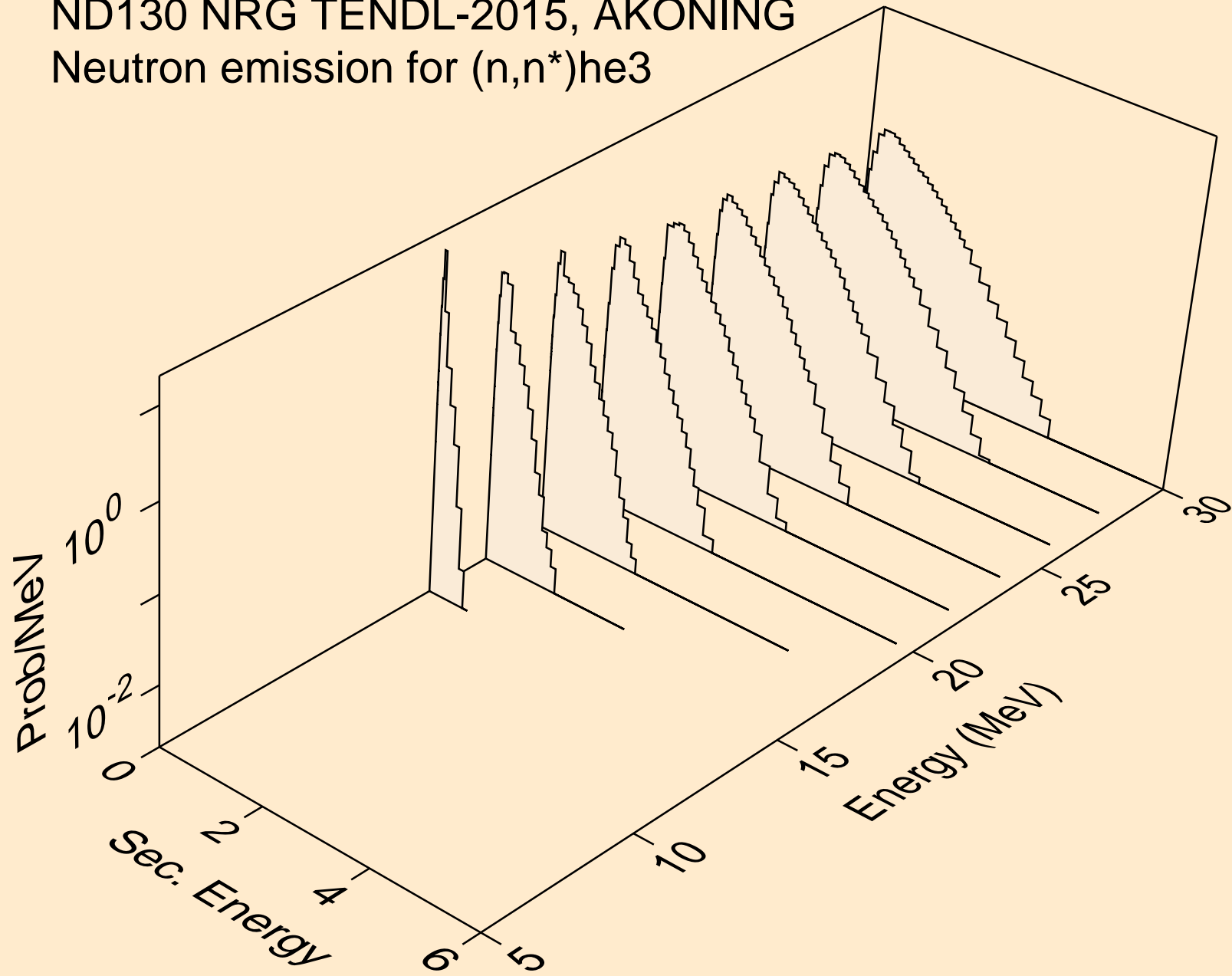
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



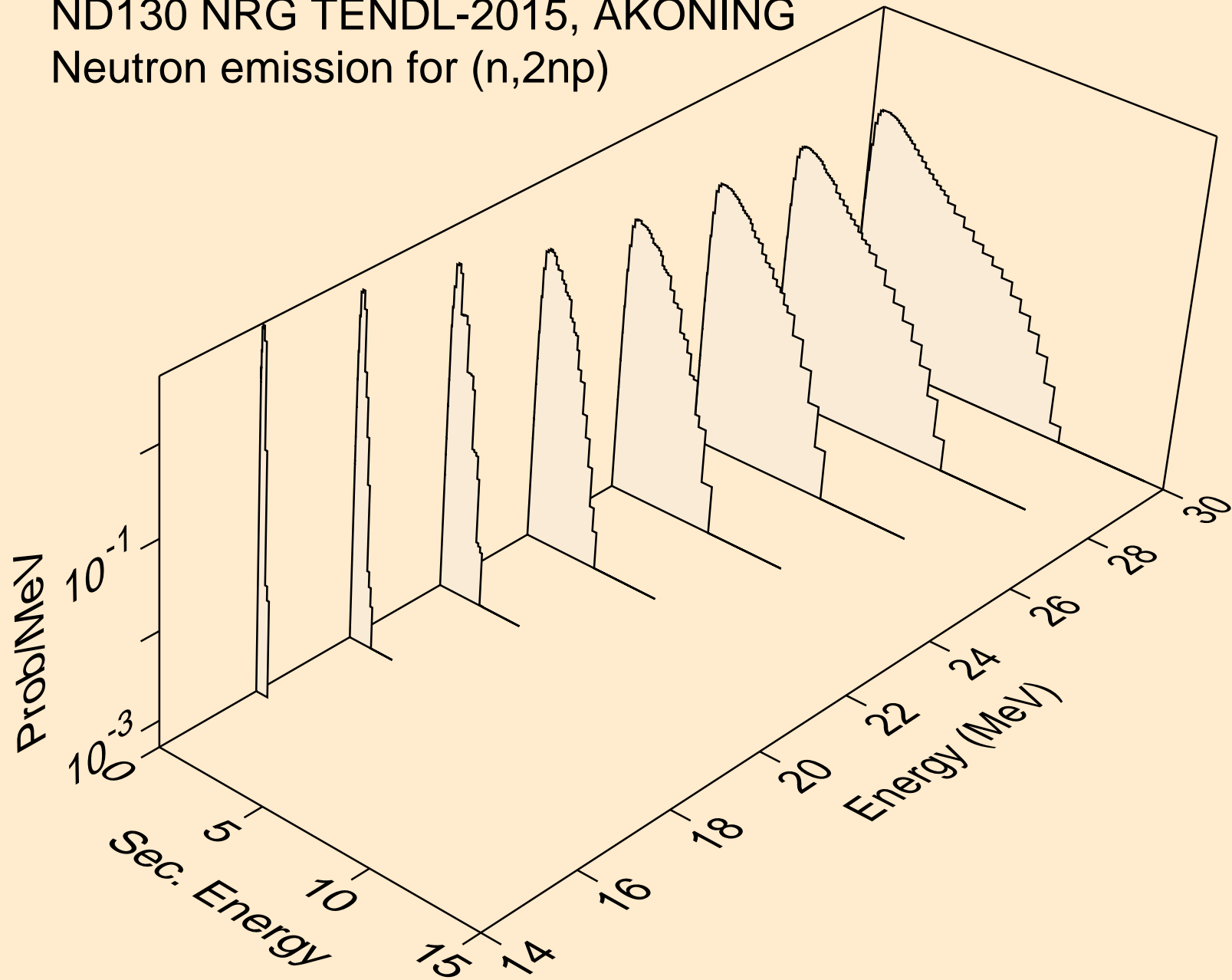
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



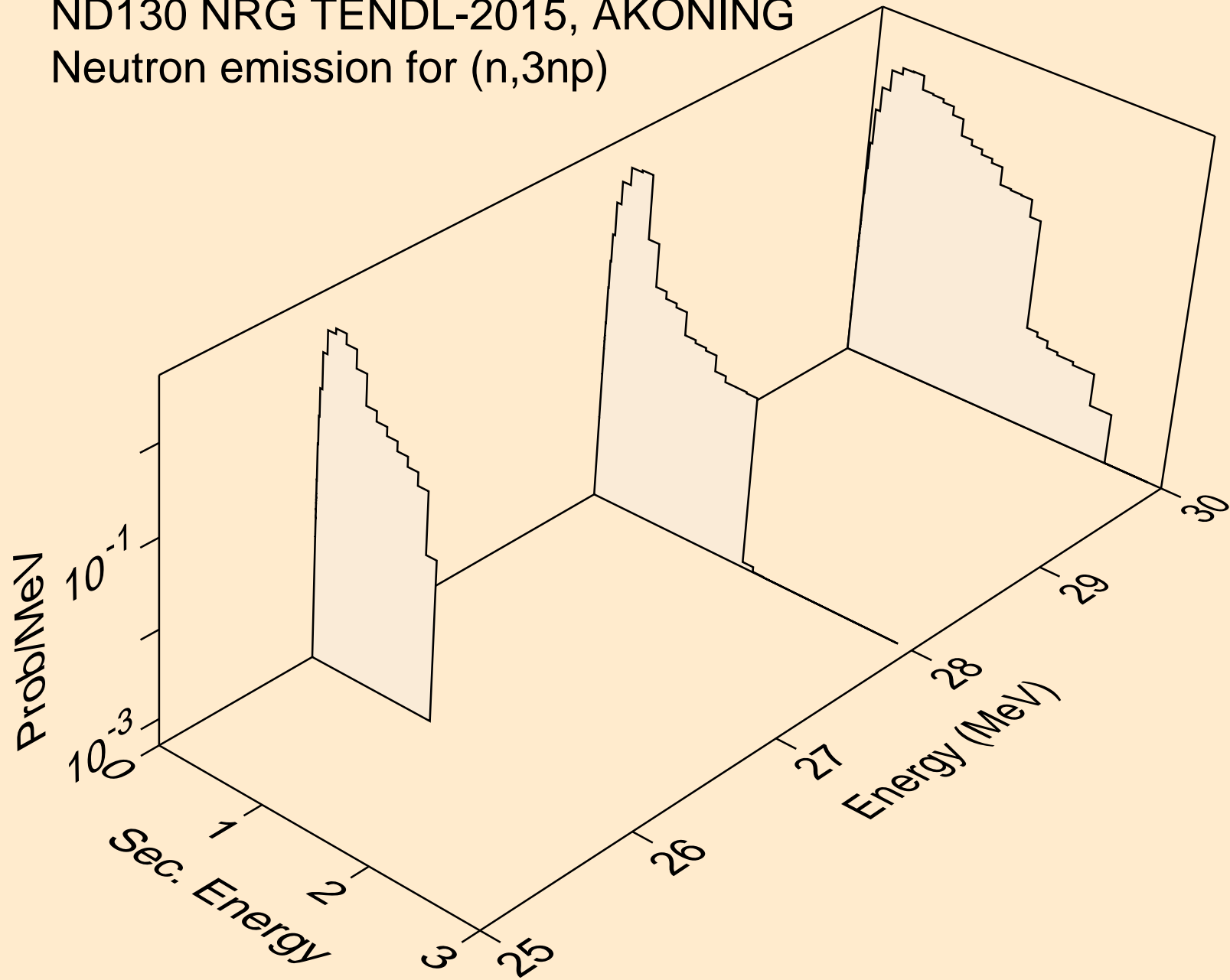
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



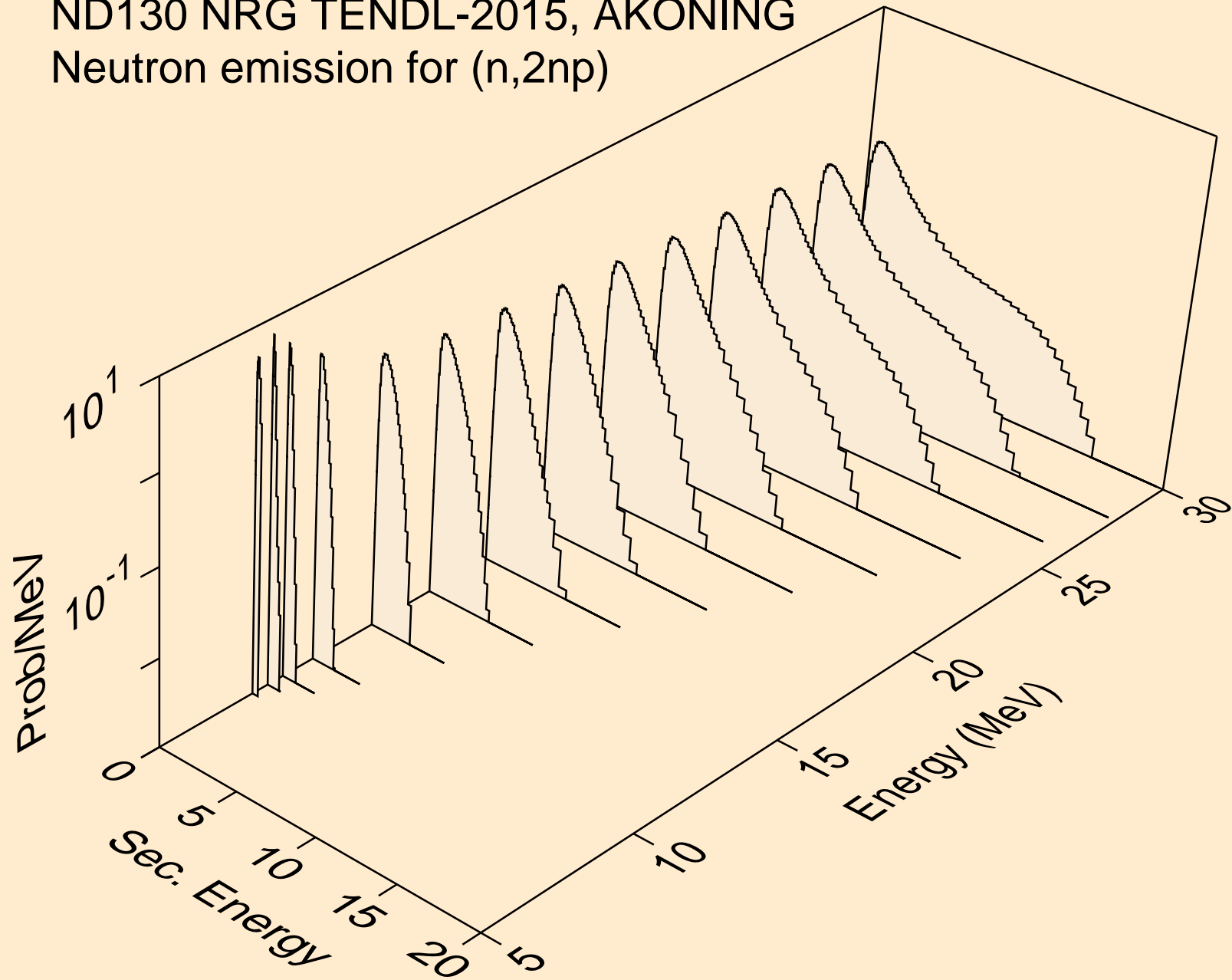
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

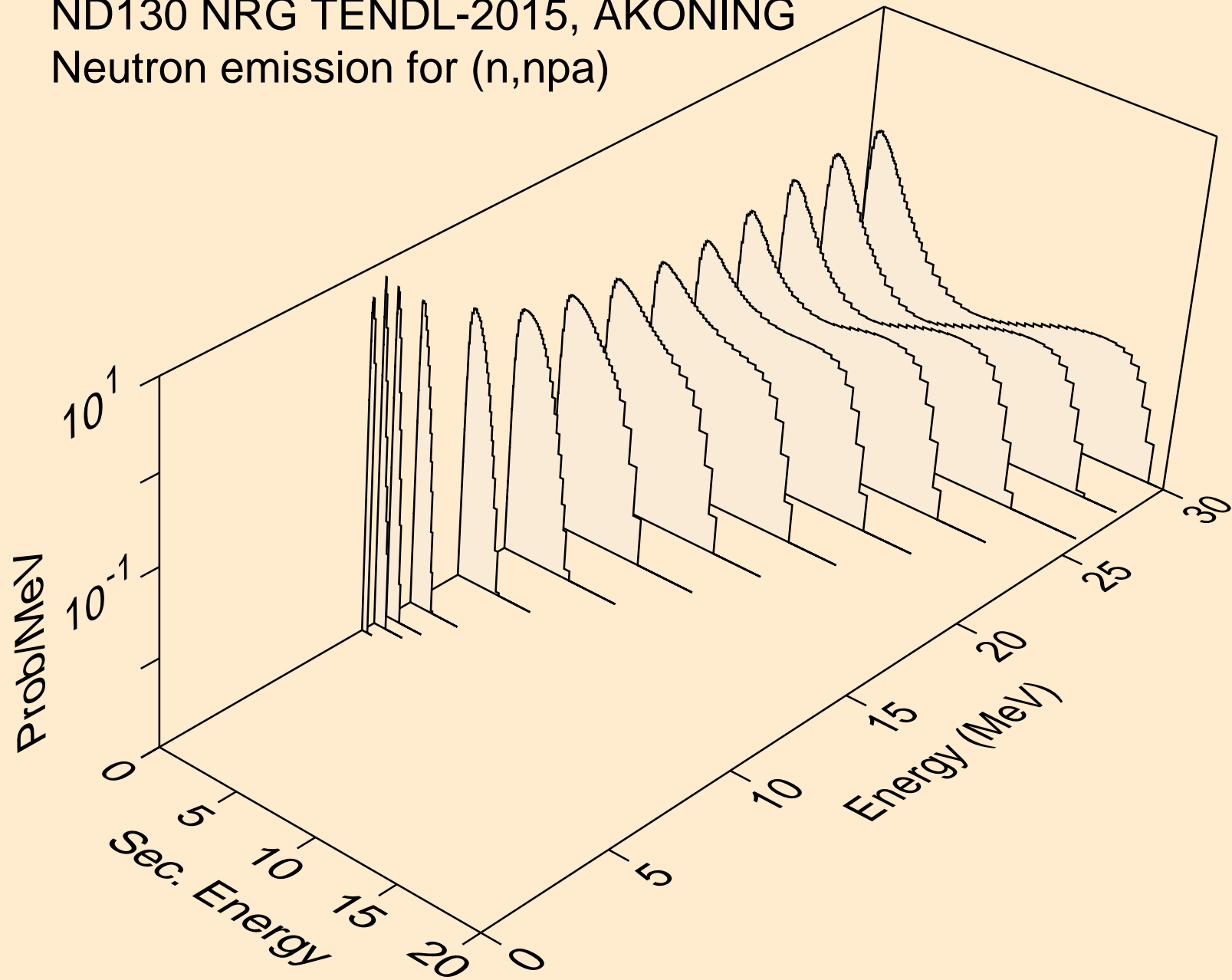


ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

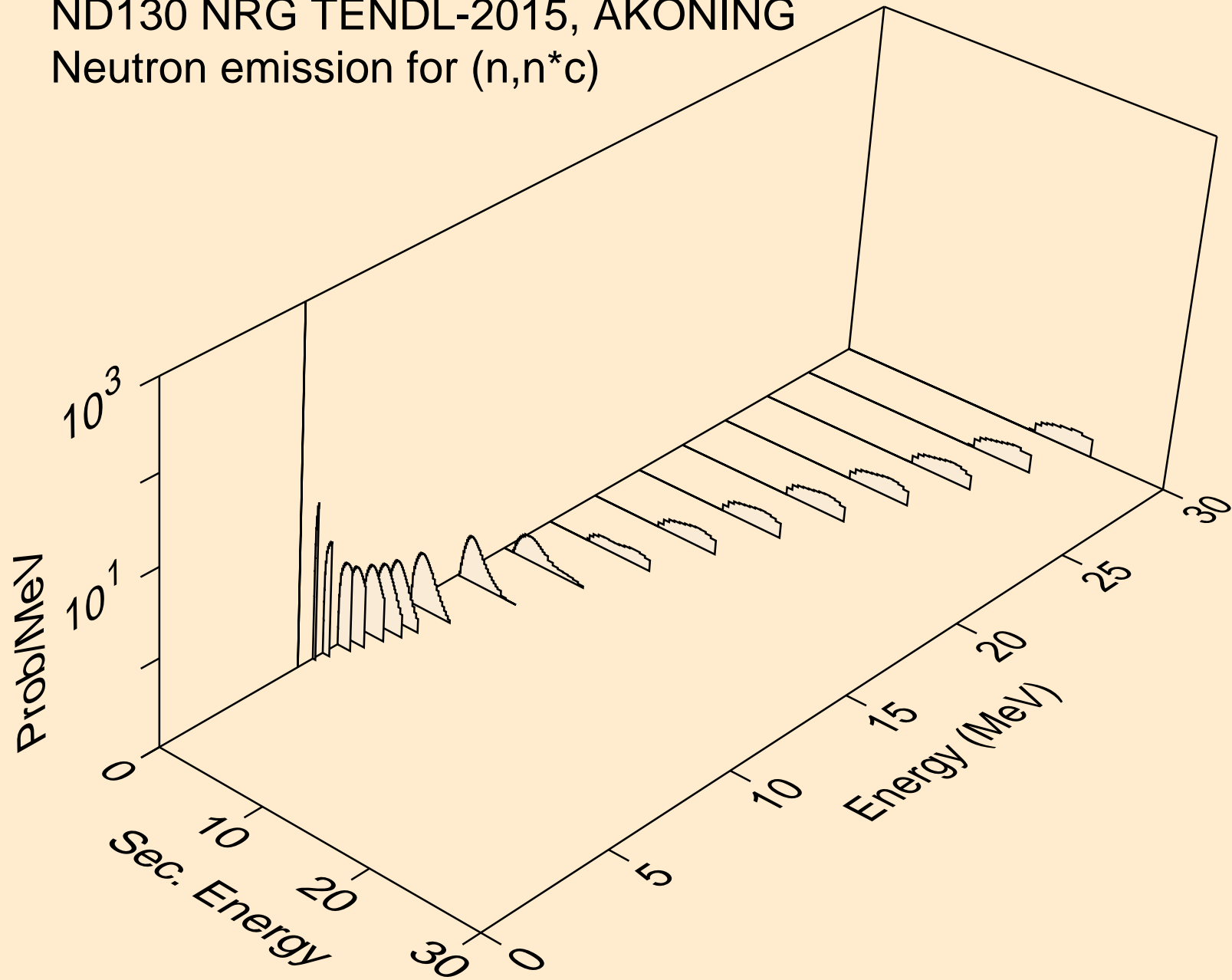




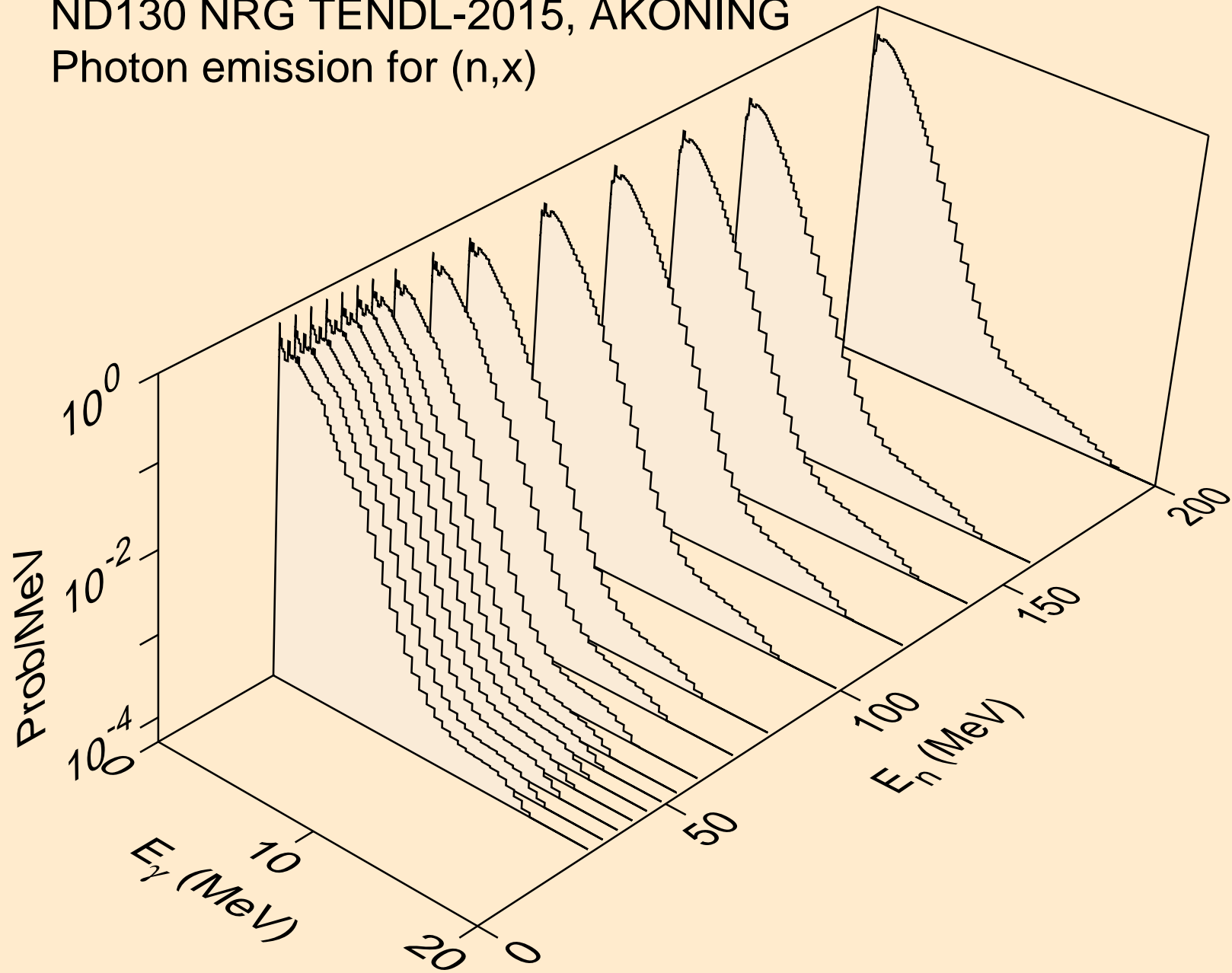
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



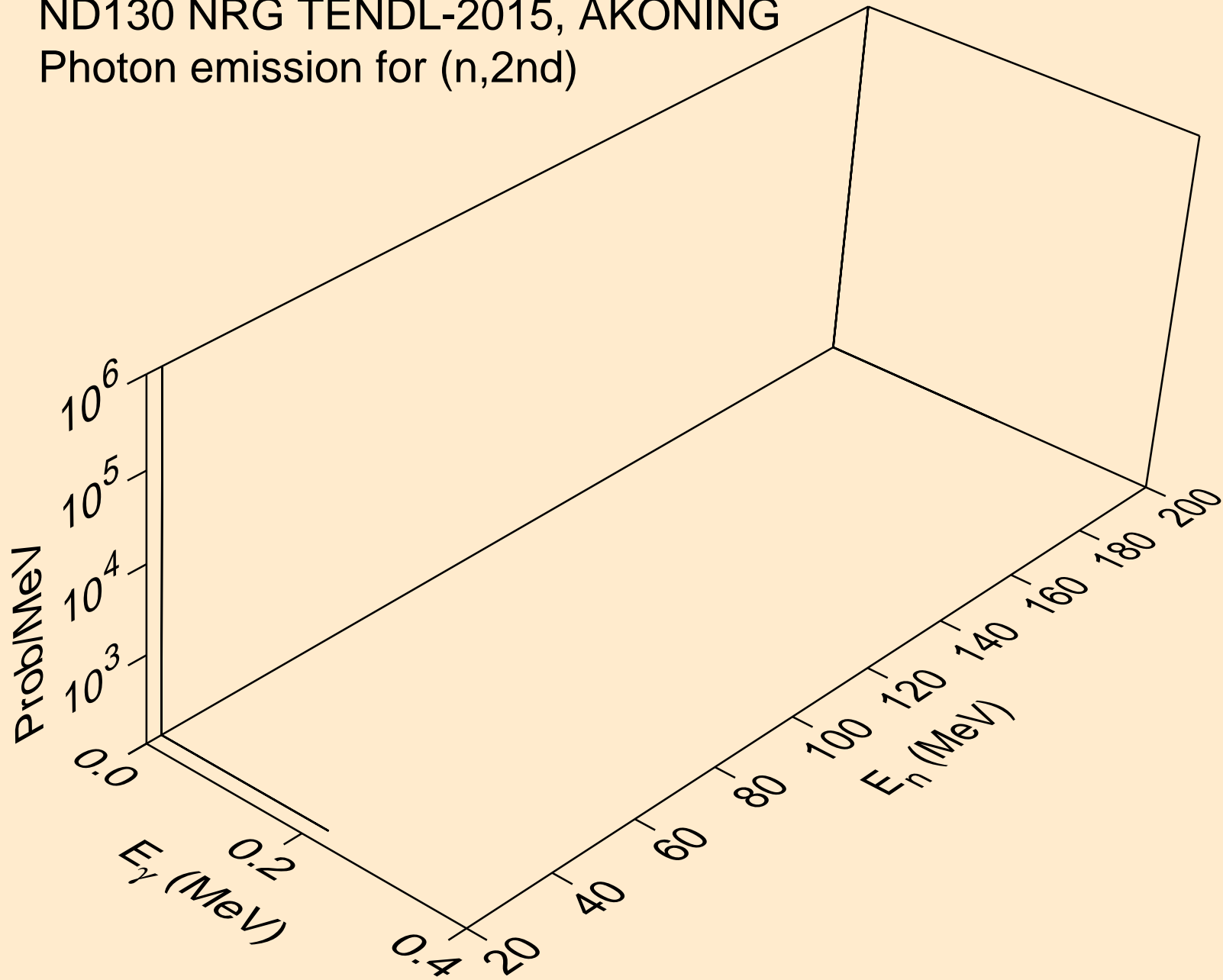
ND130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



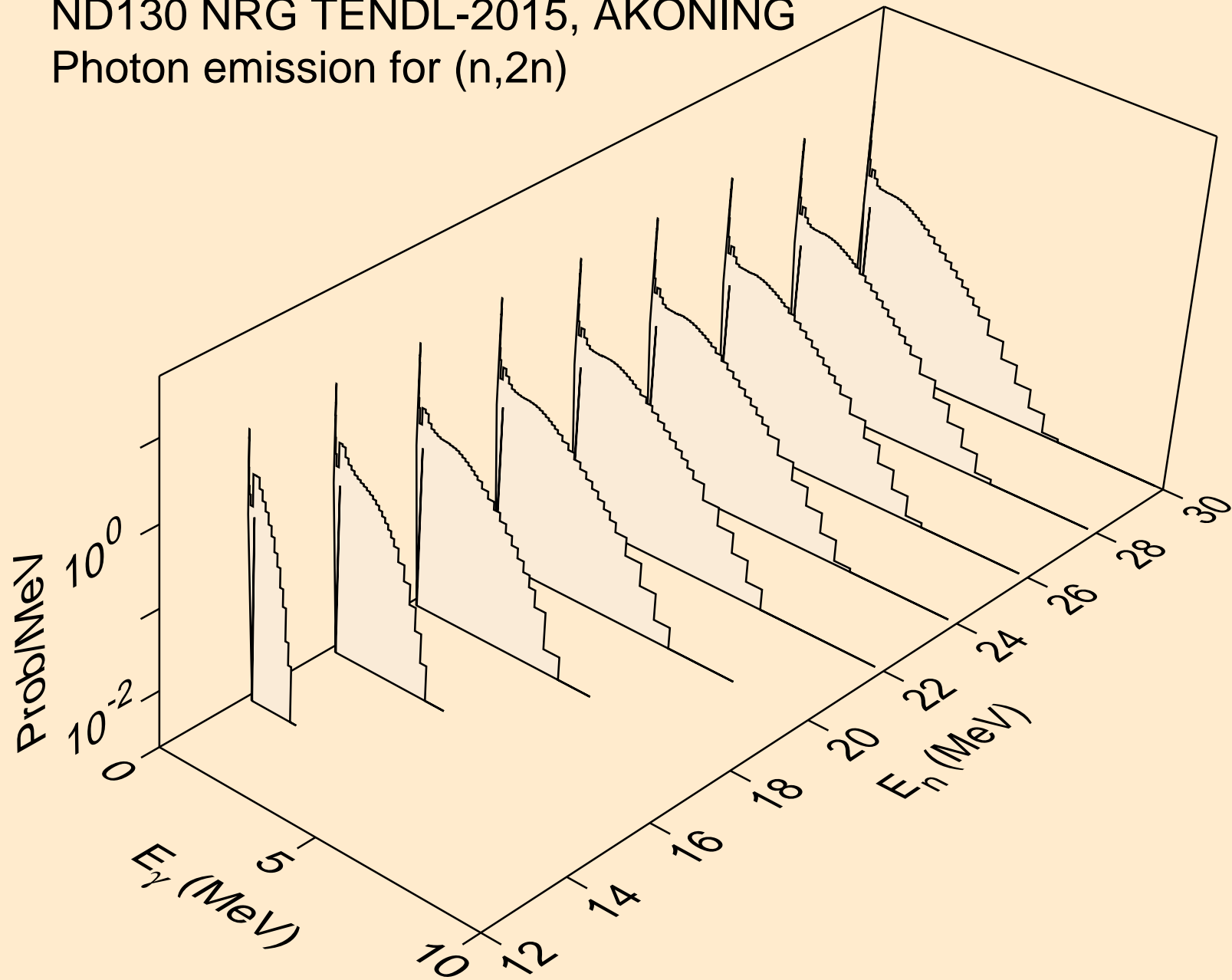
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



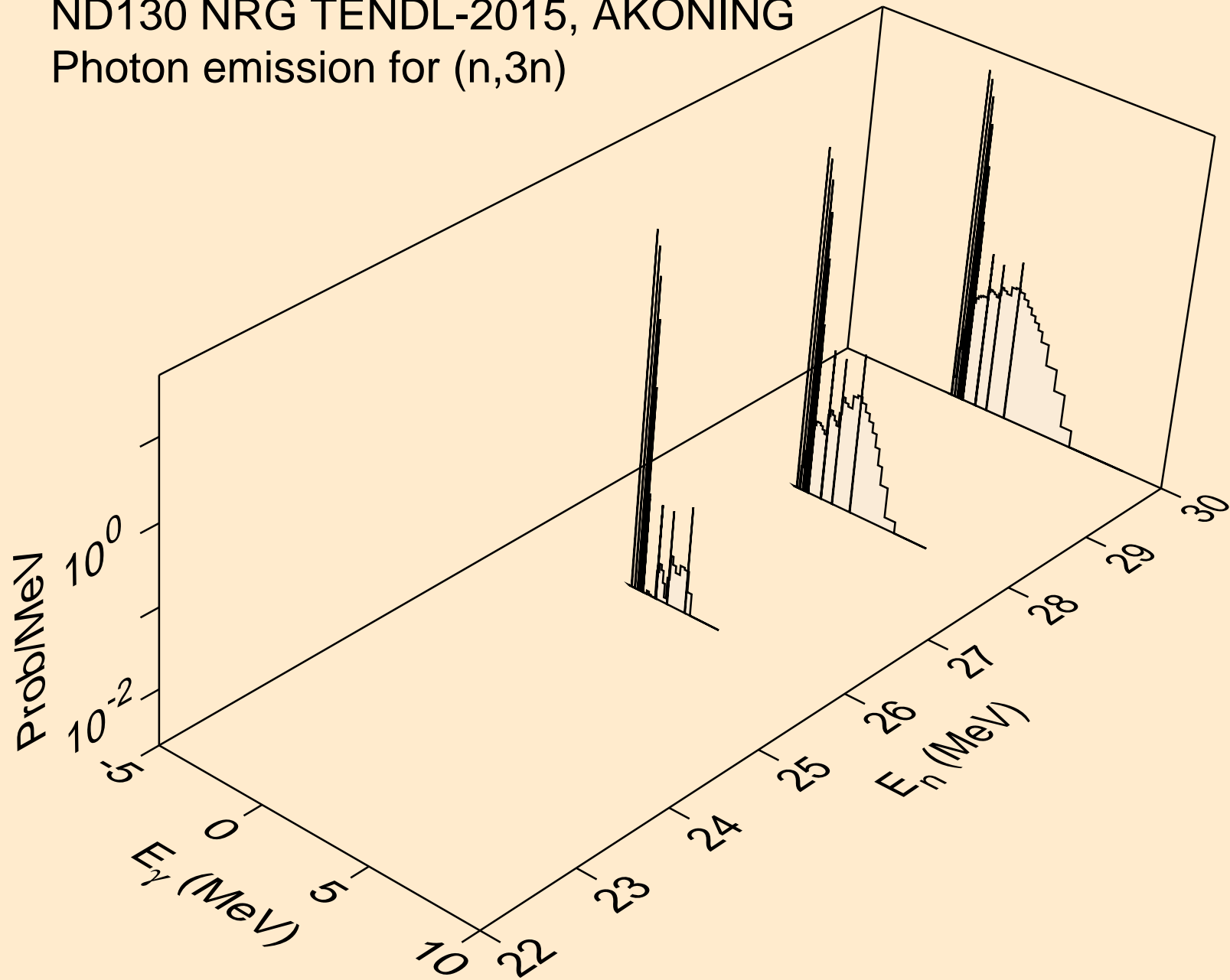
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



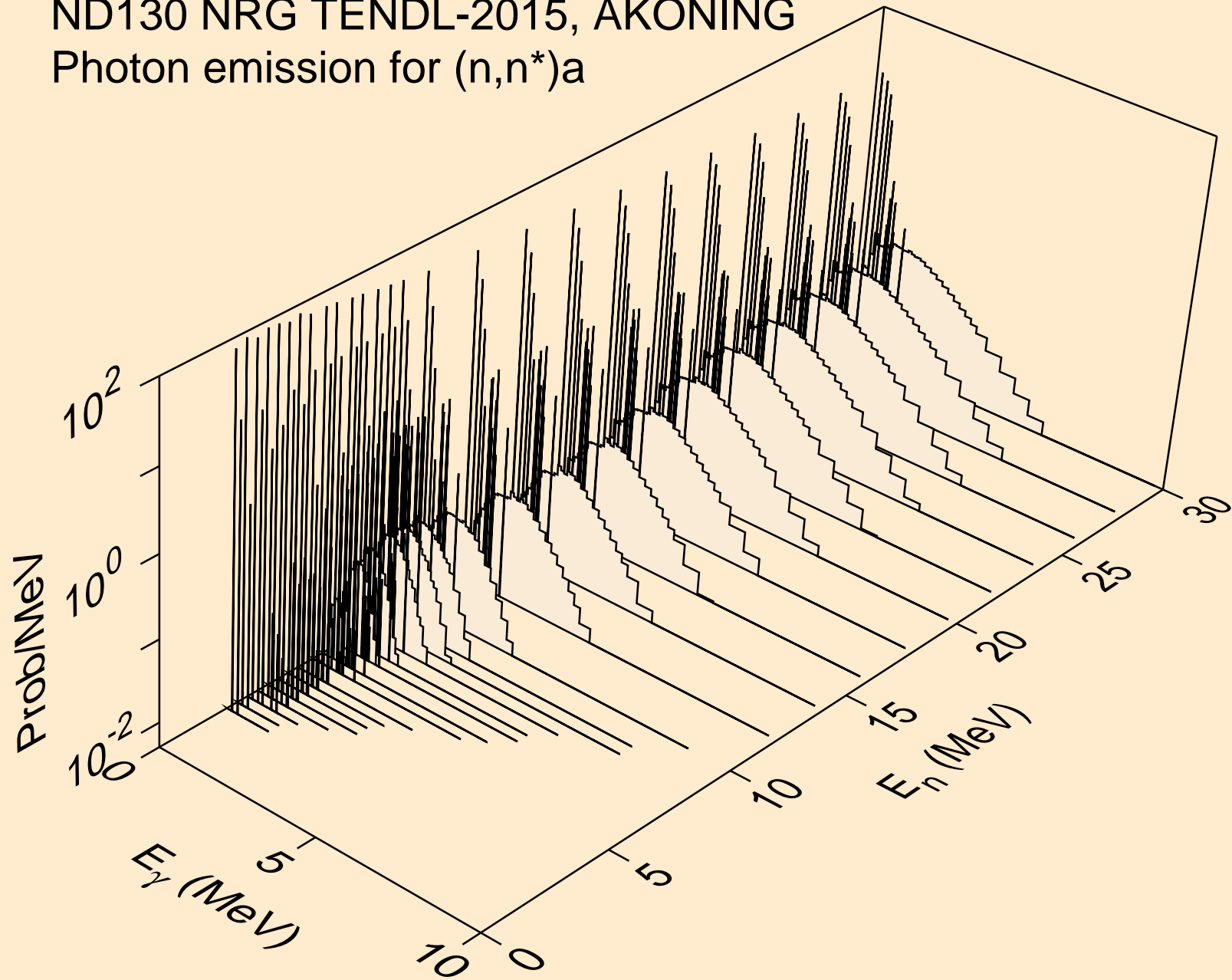
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



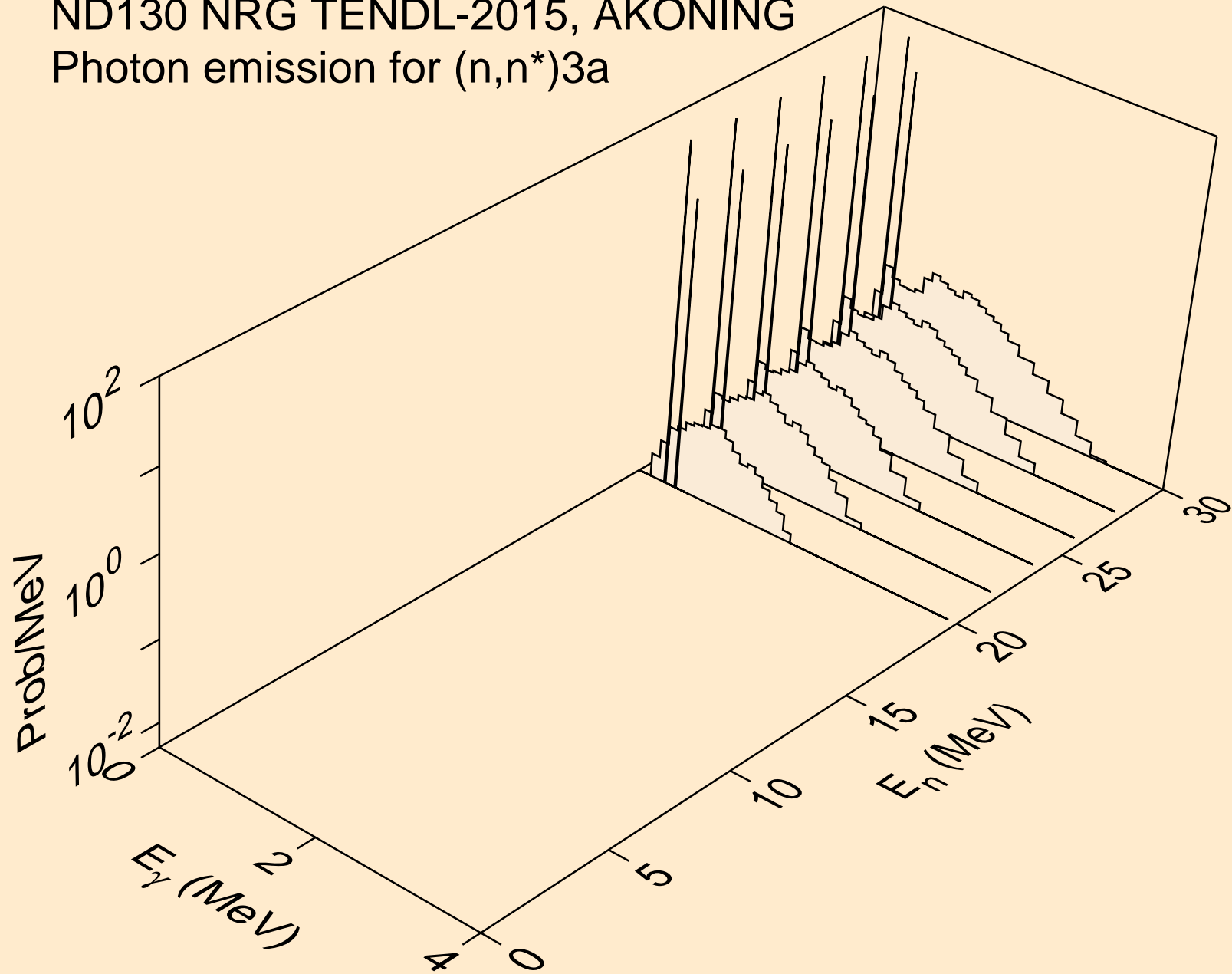
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

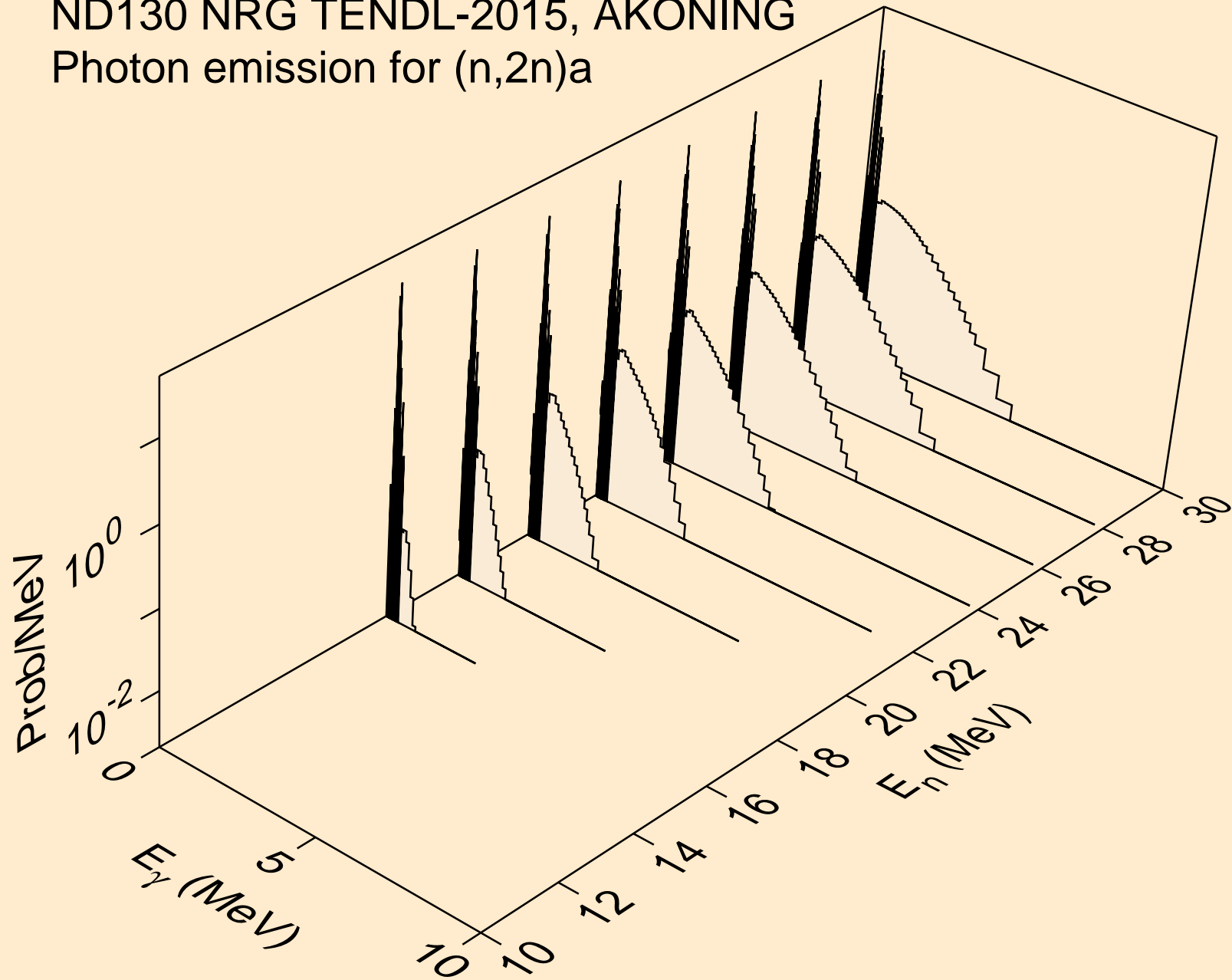


ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

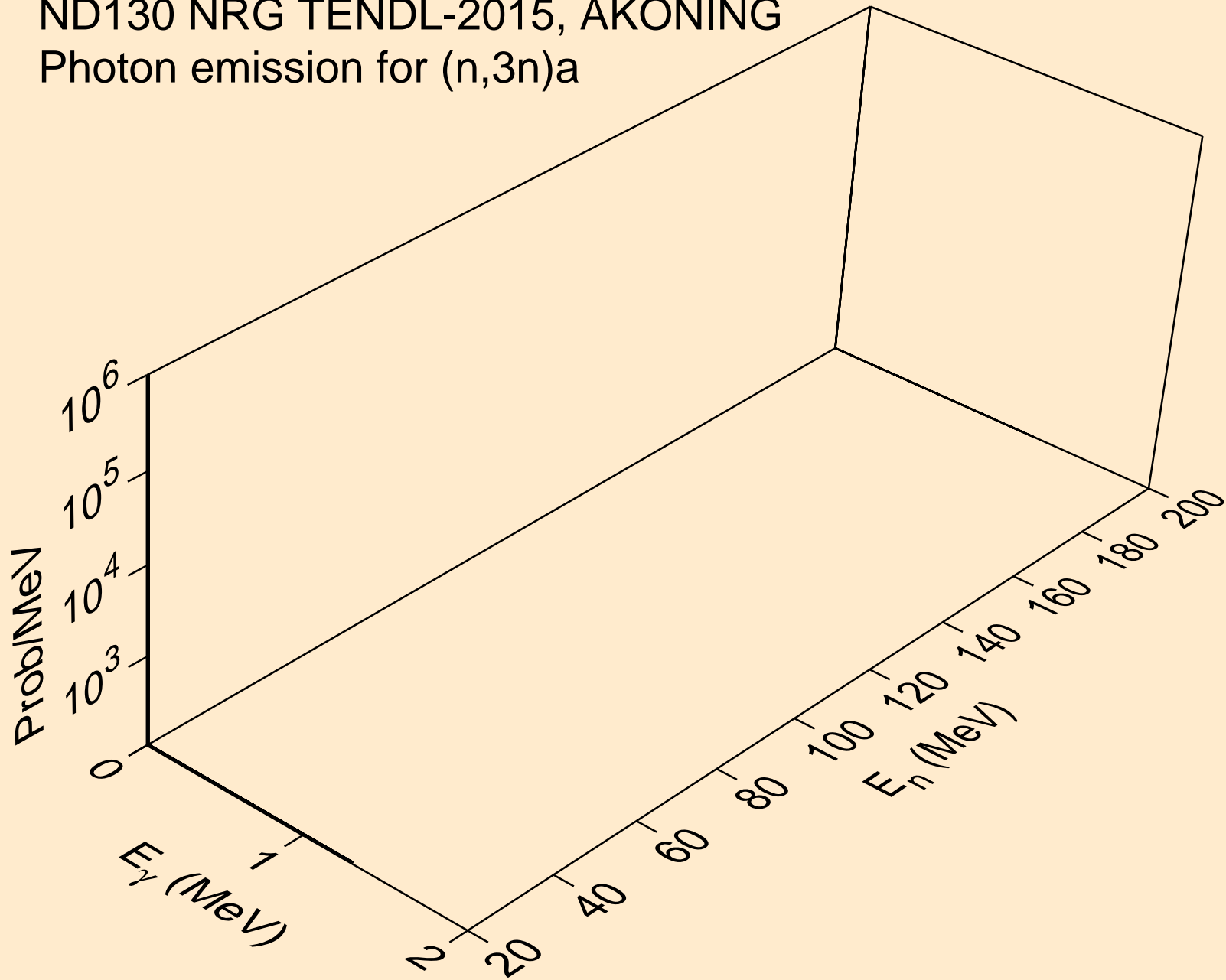




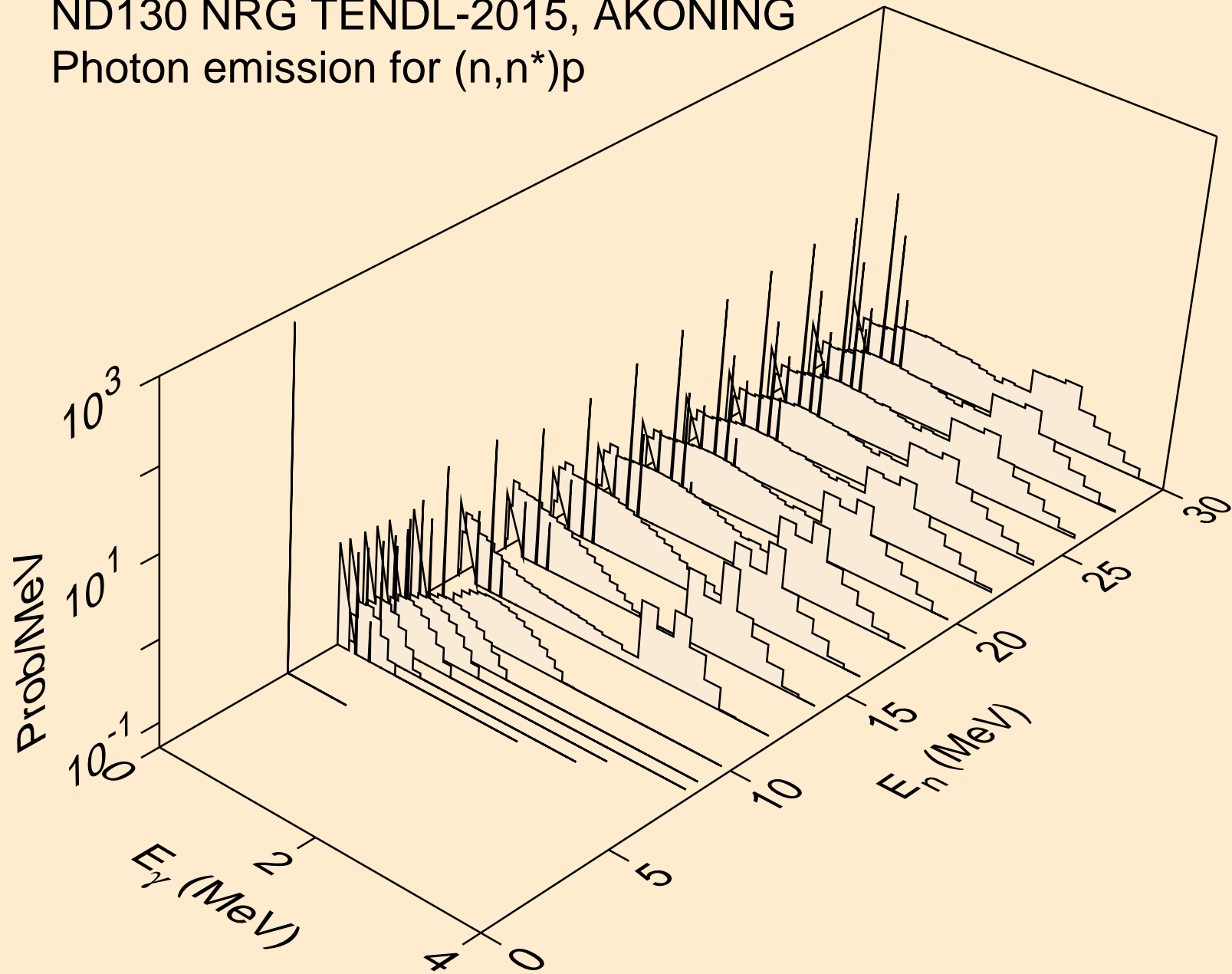
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



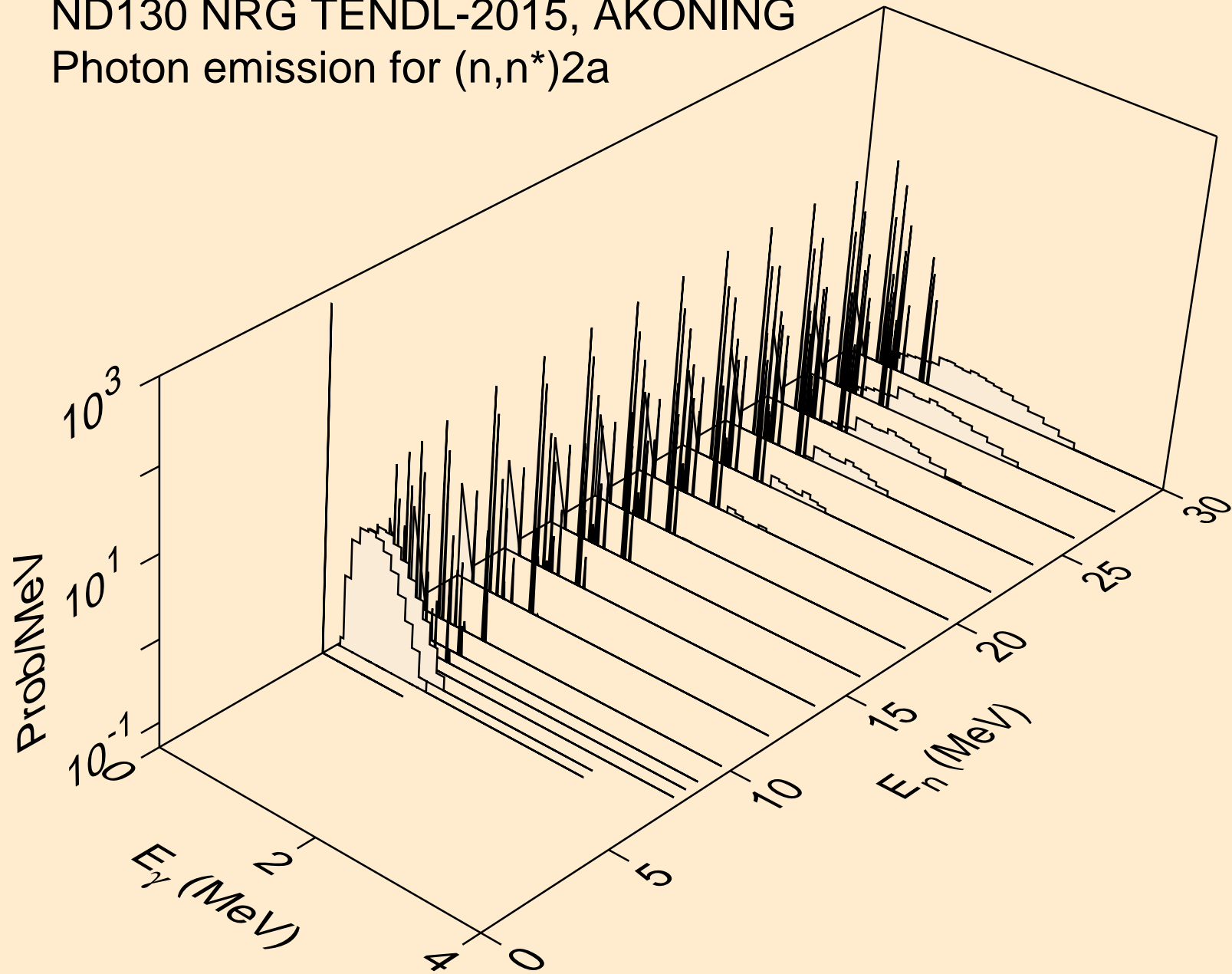
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



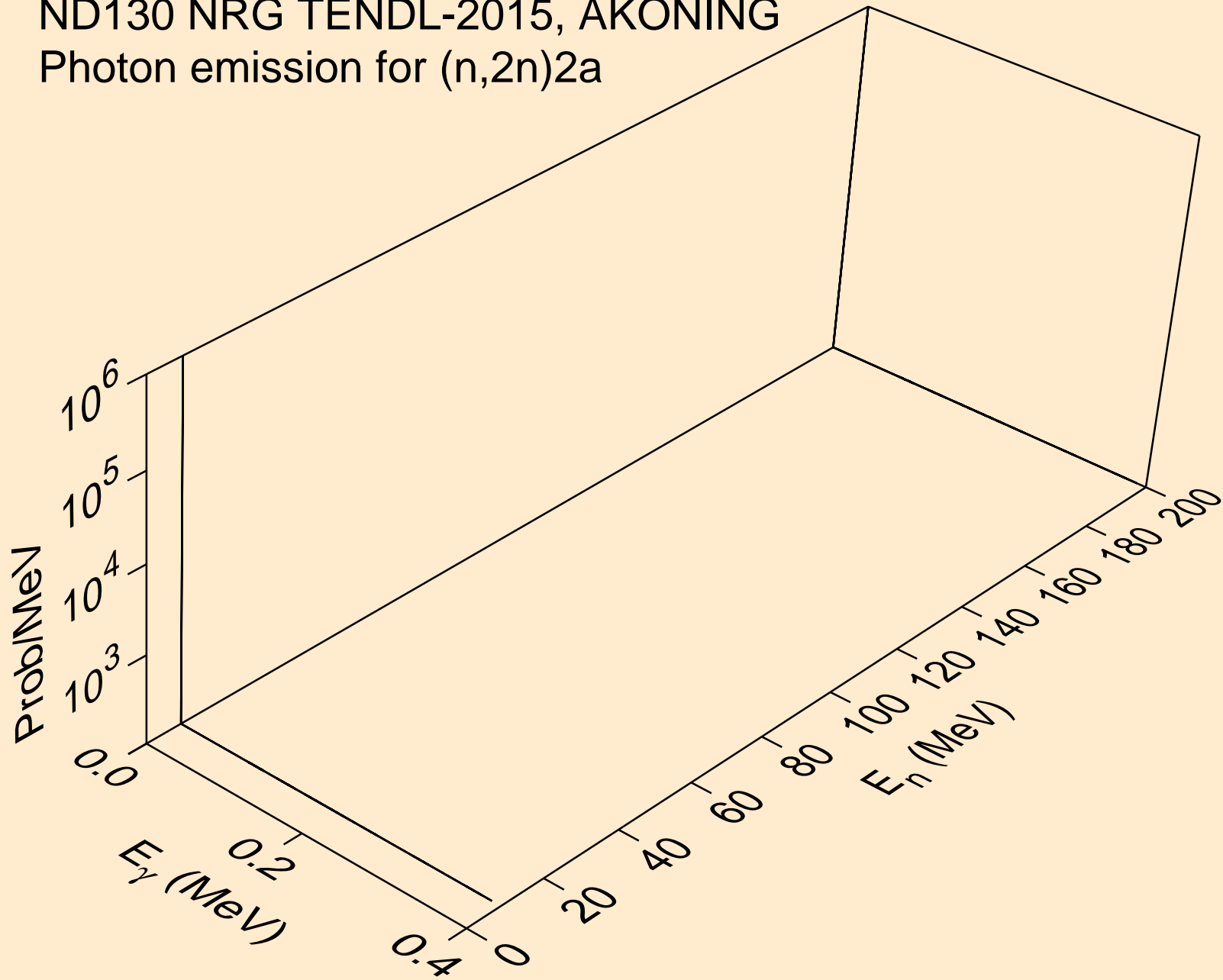
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



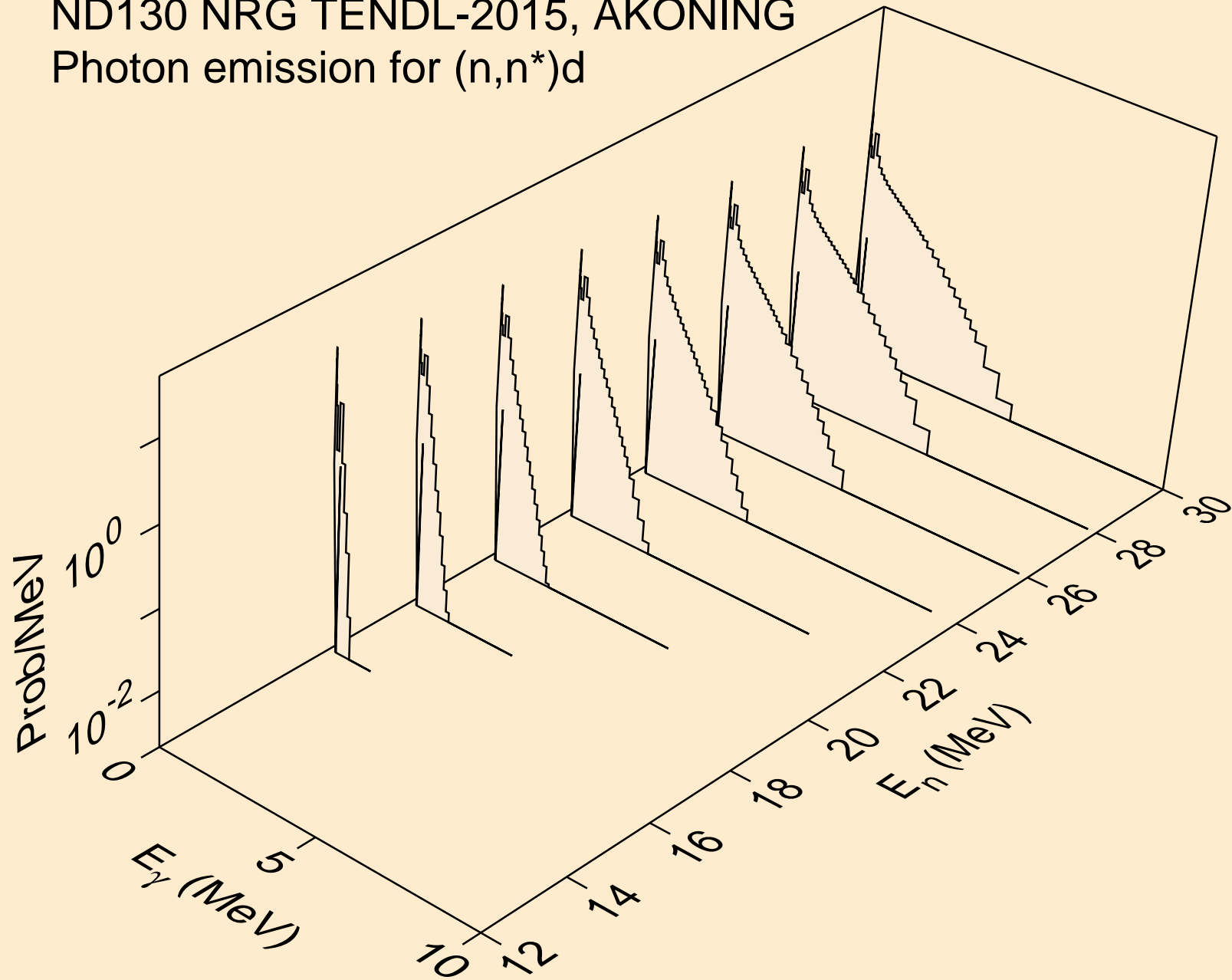
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



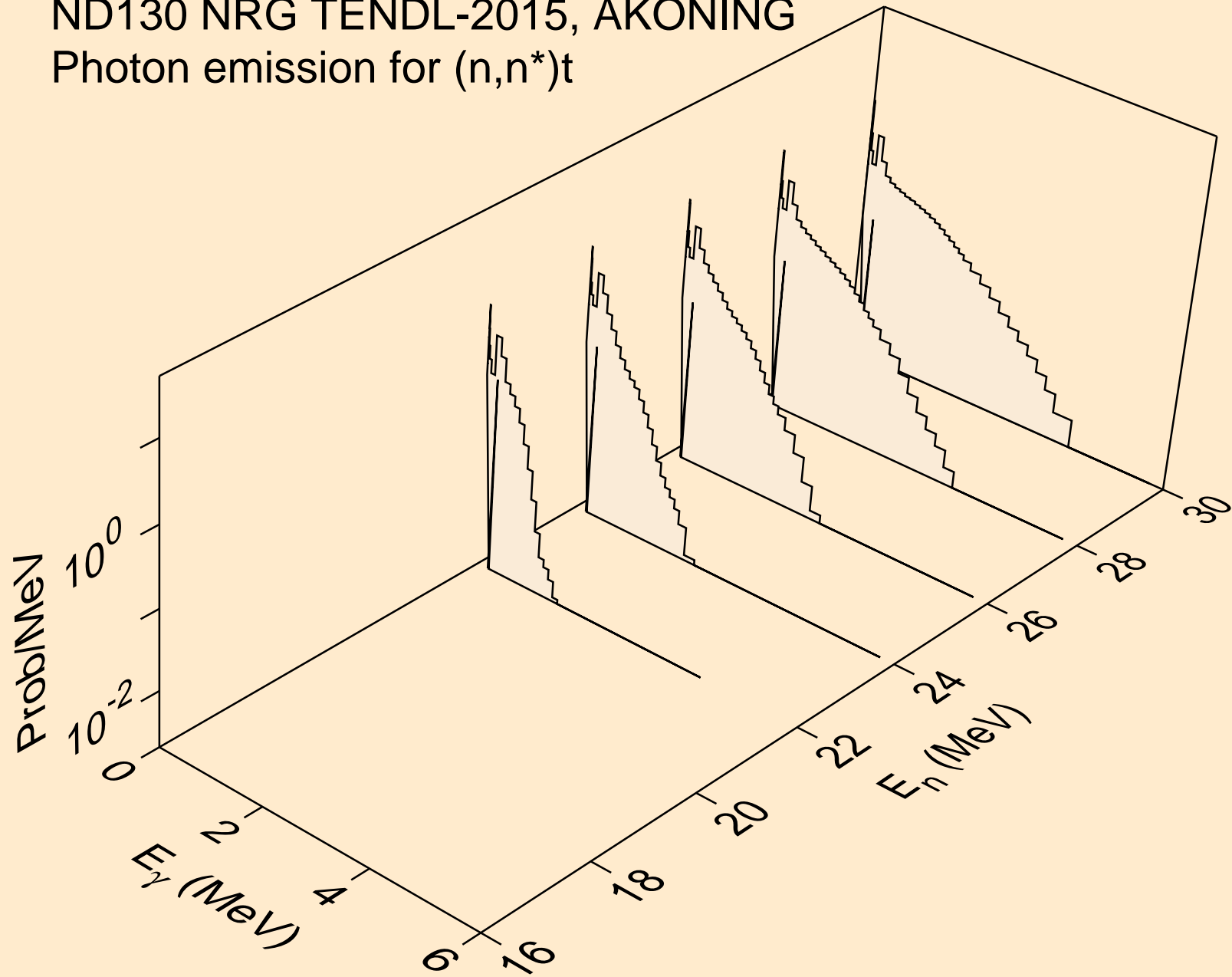
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



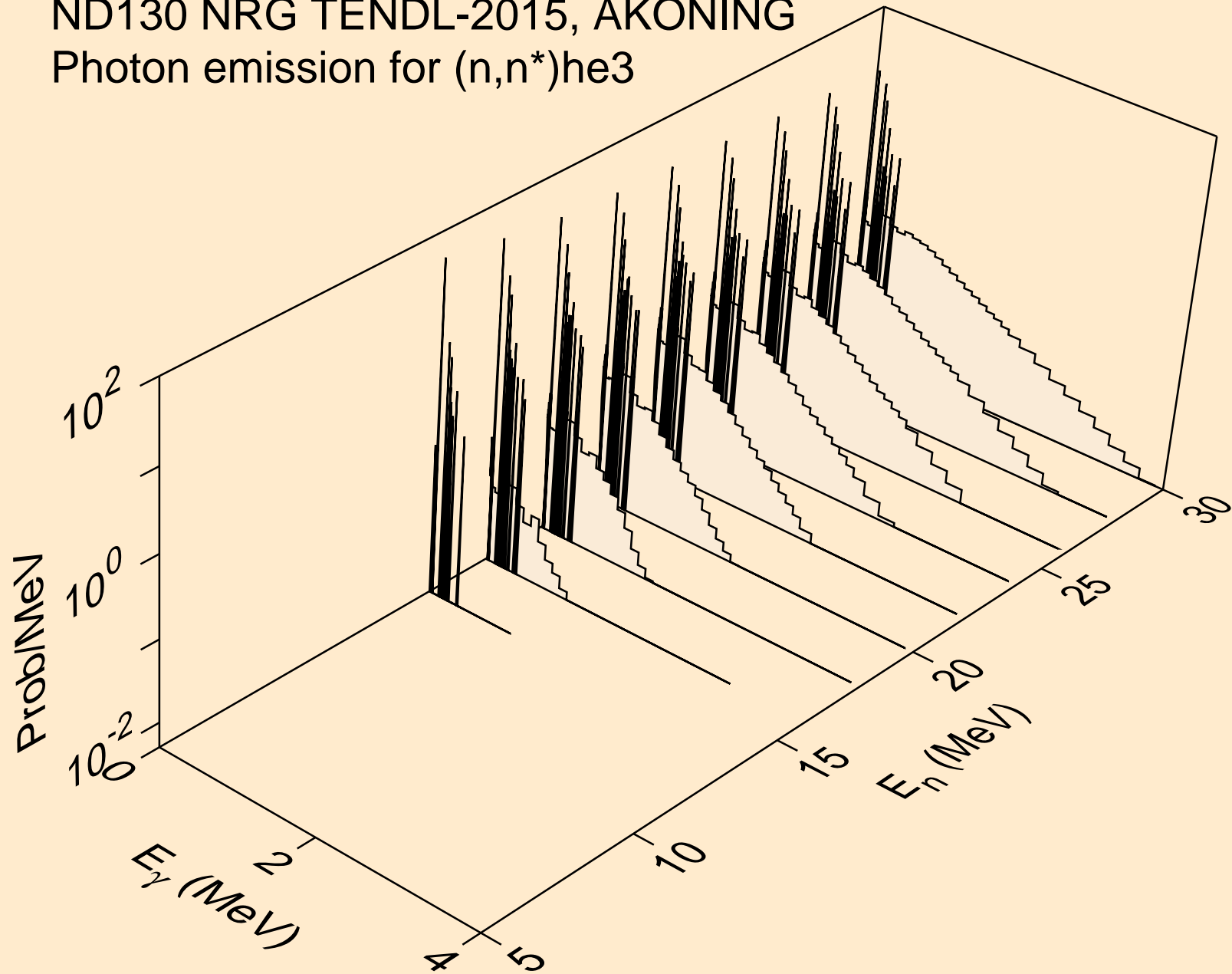
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

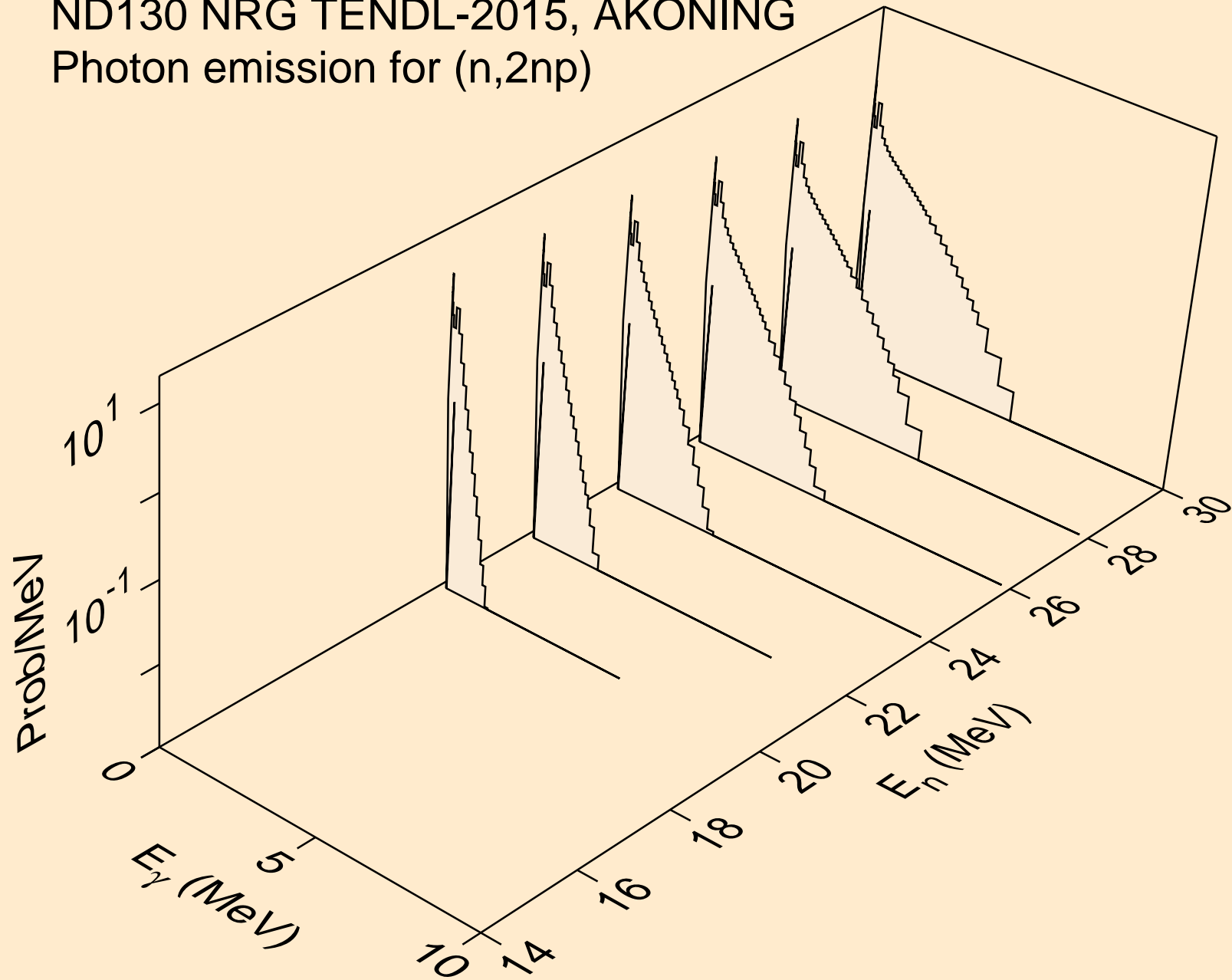


ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

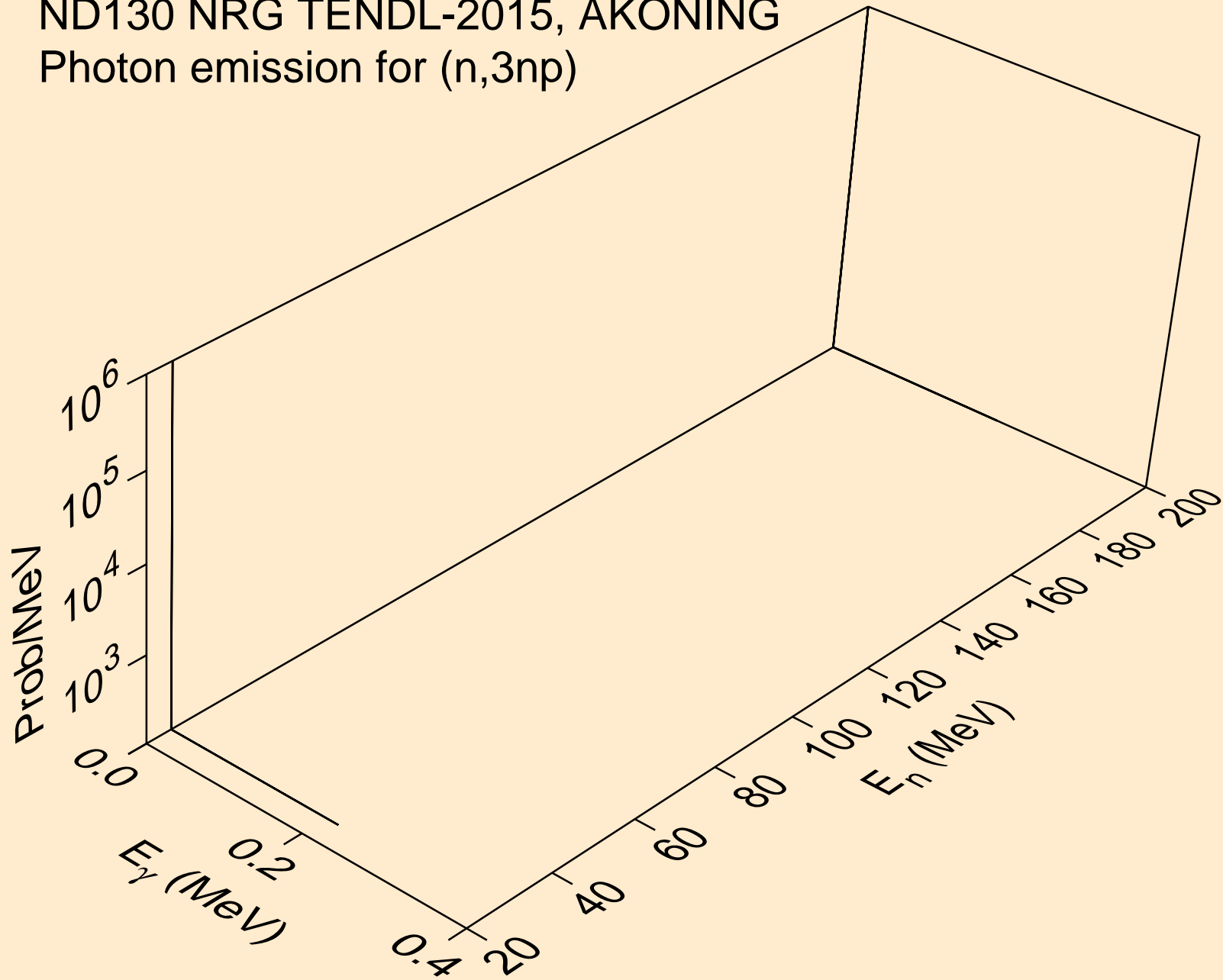




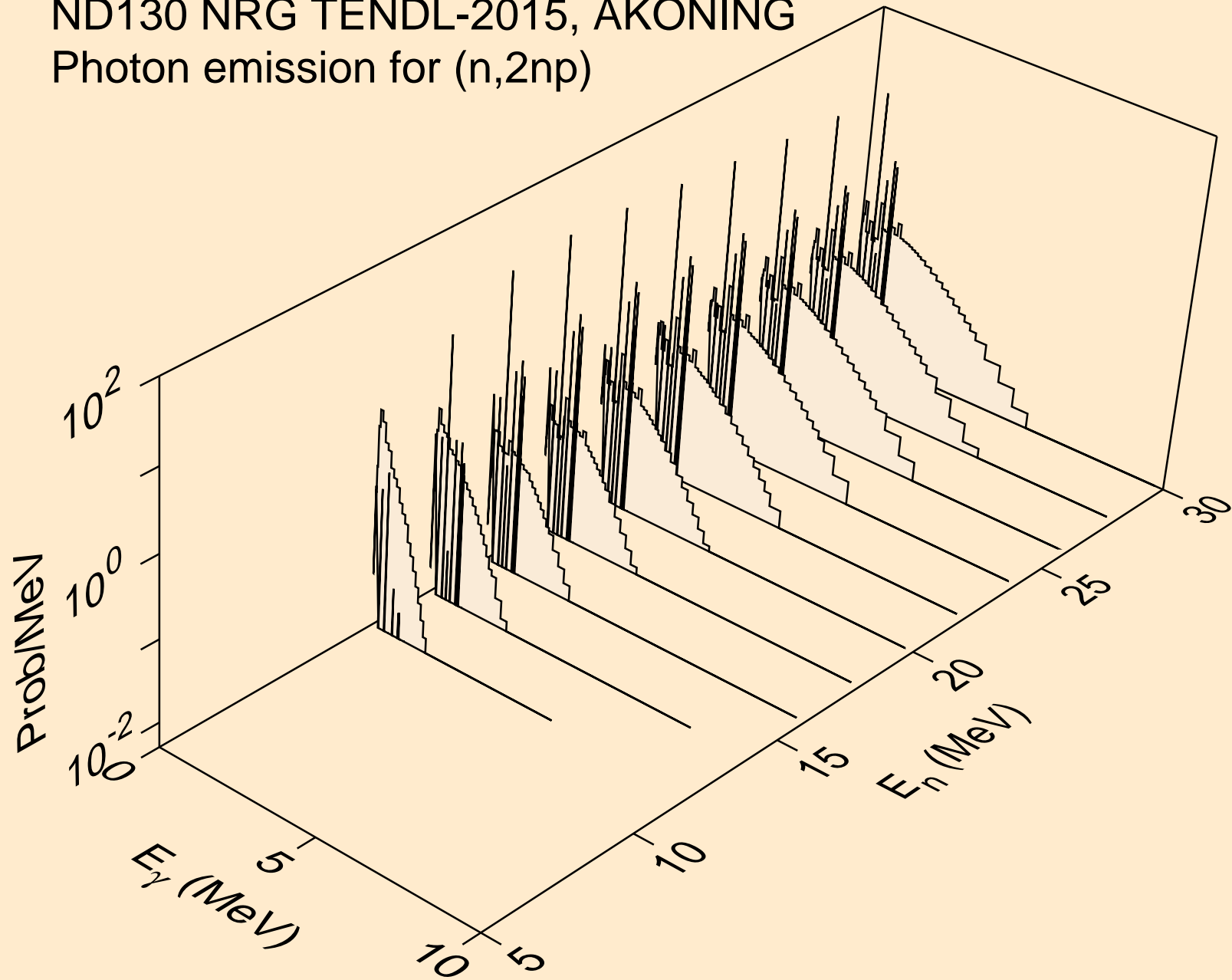
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



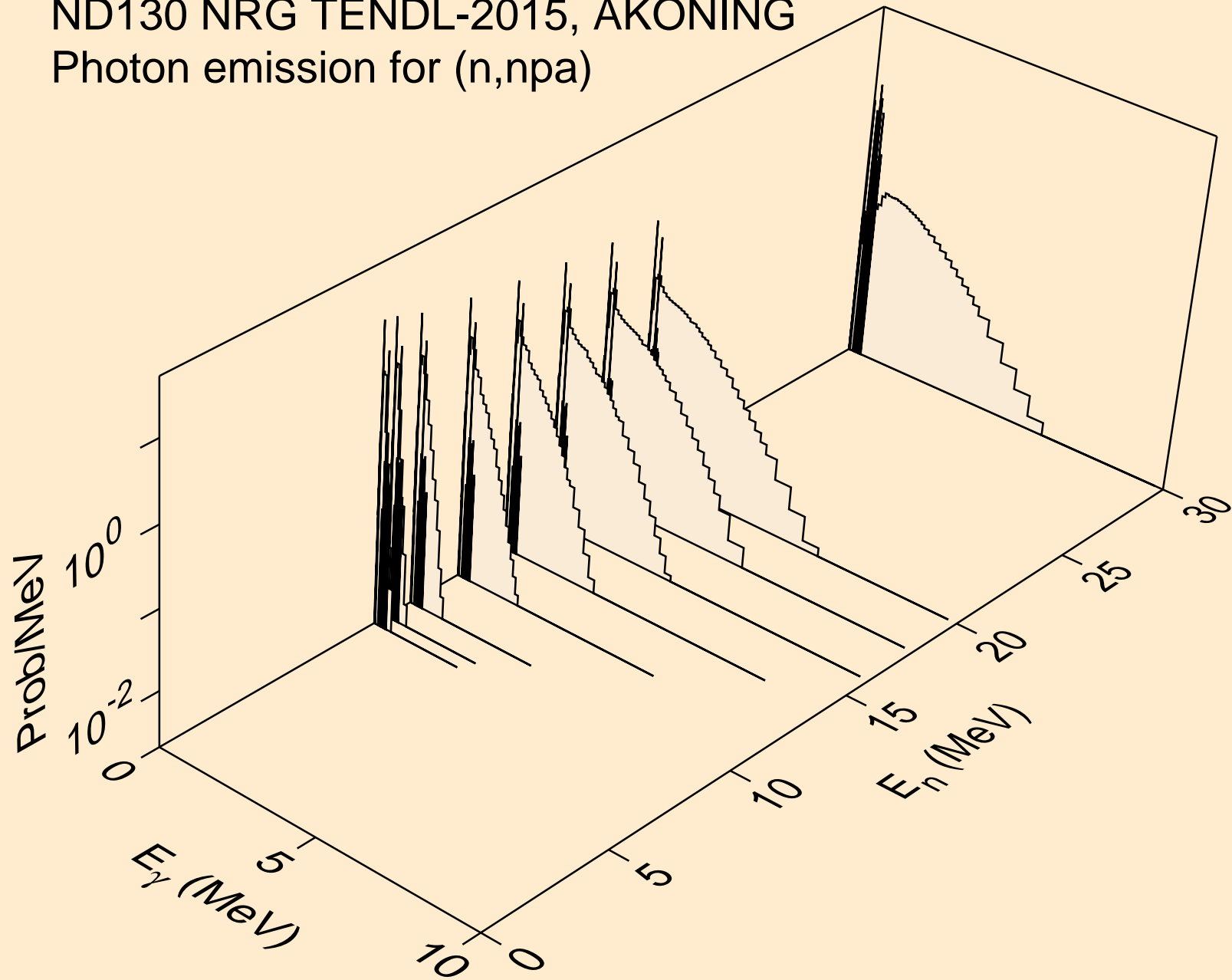
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



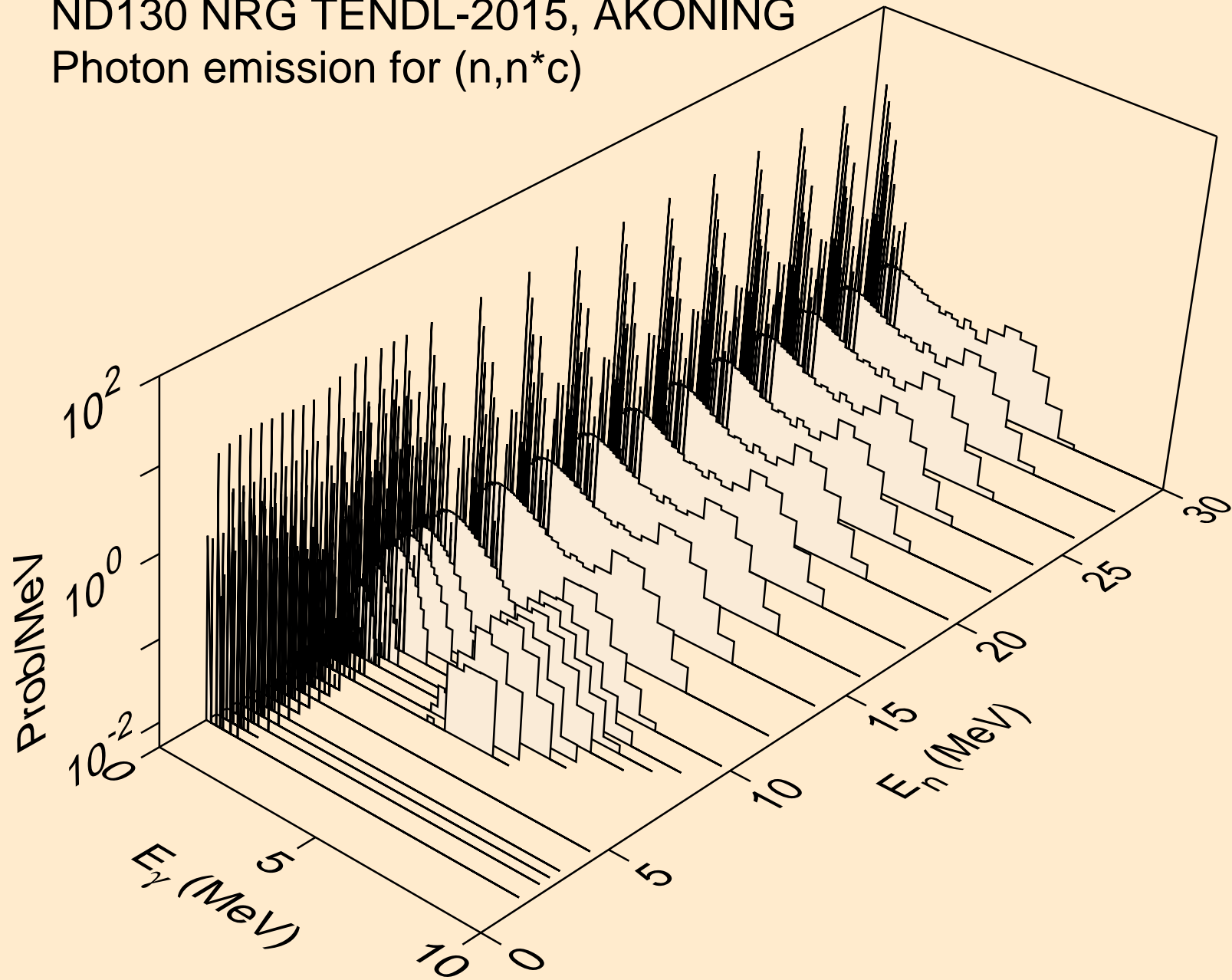
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



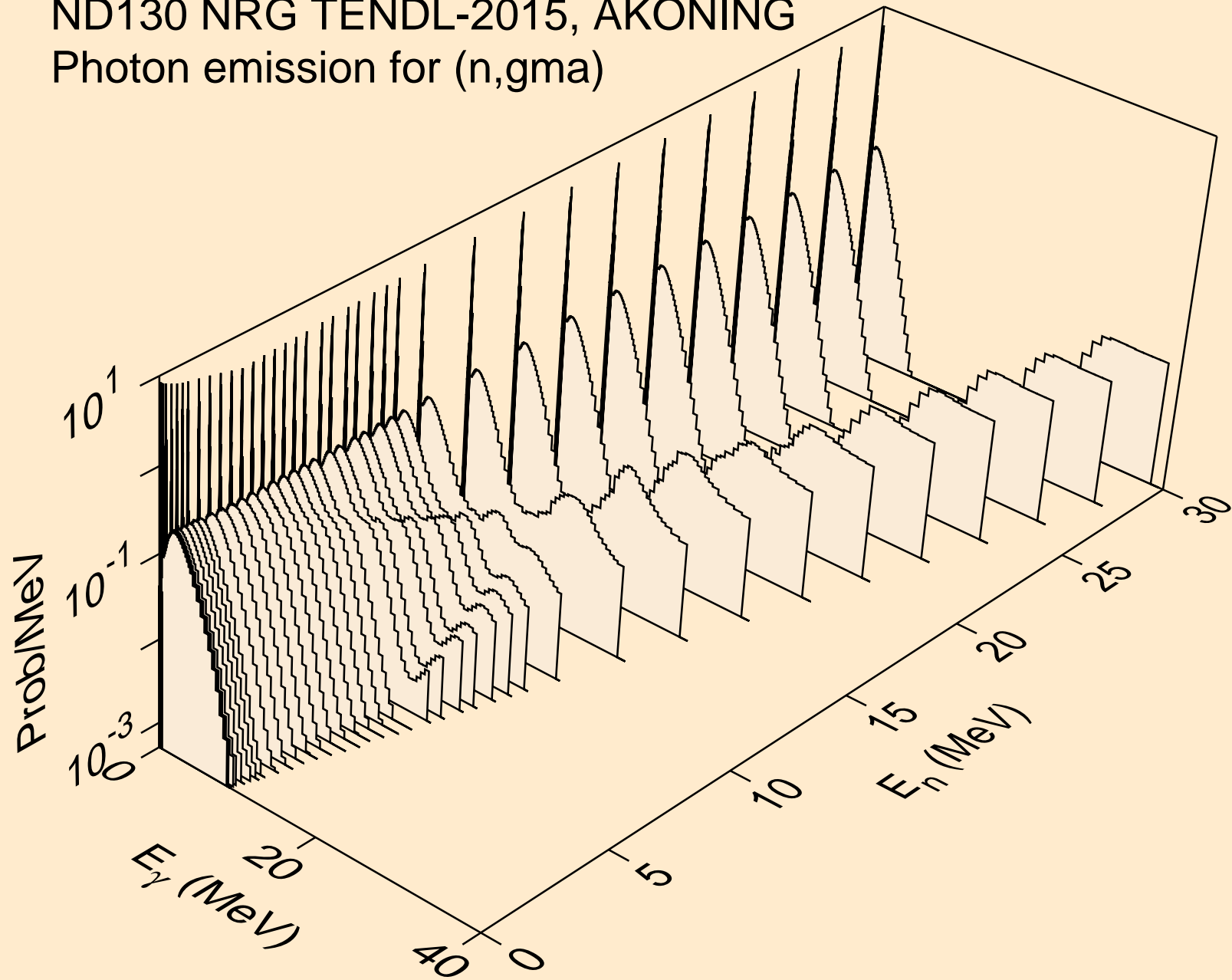
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



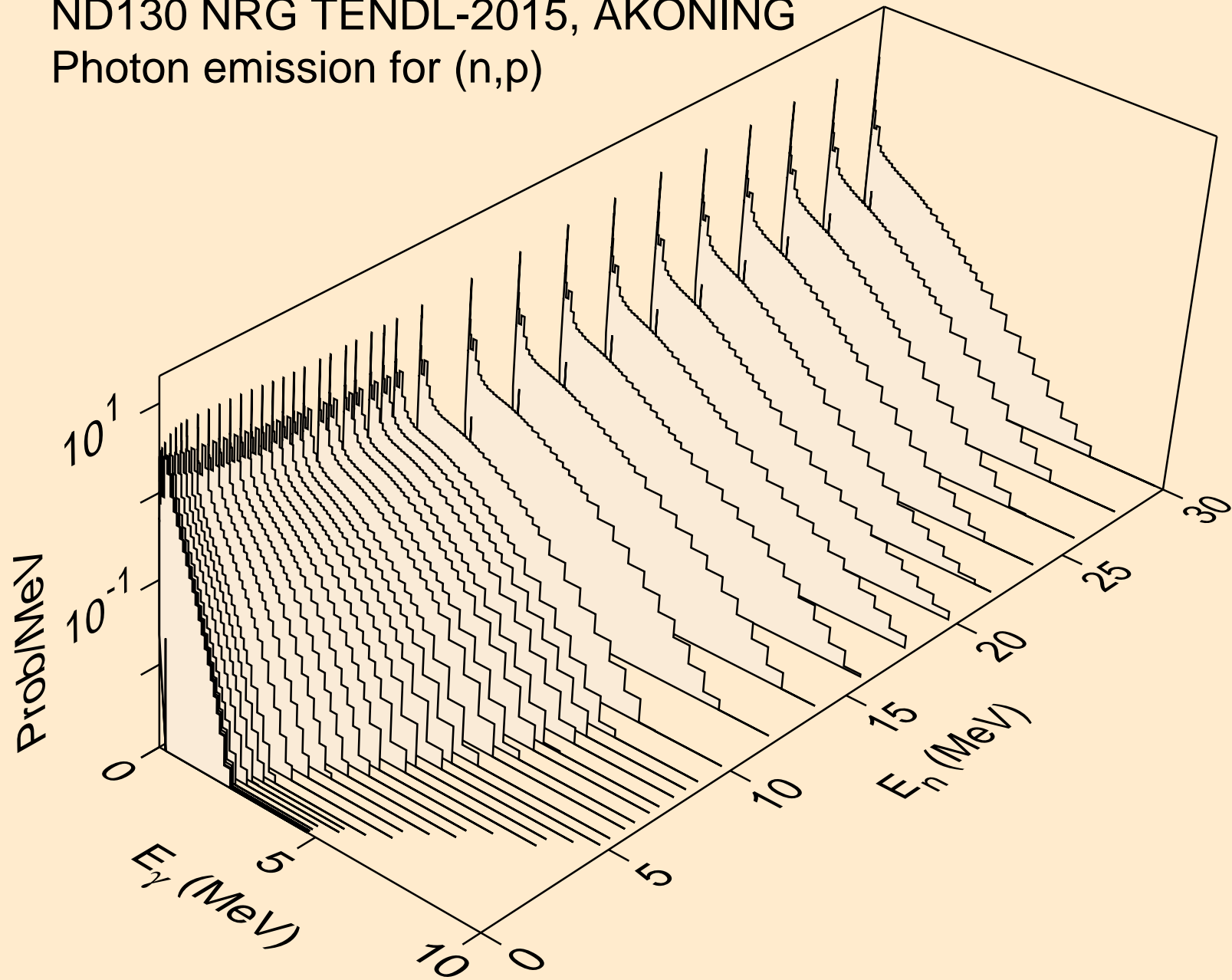
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



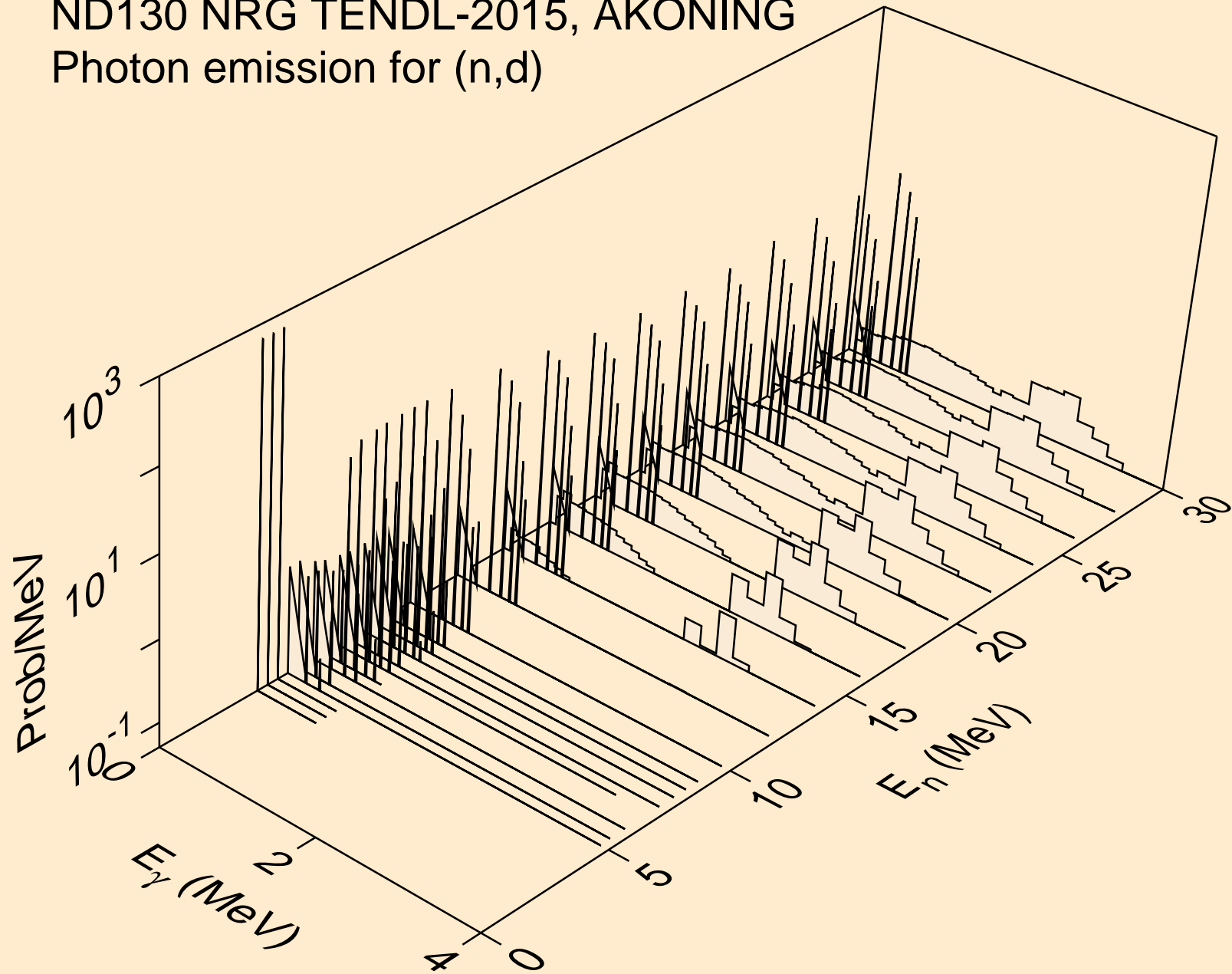
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

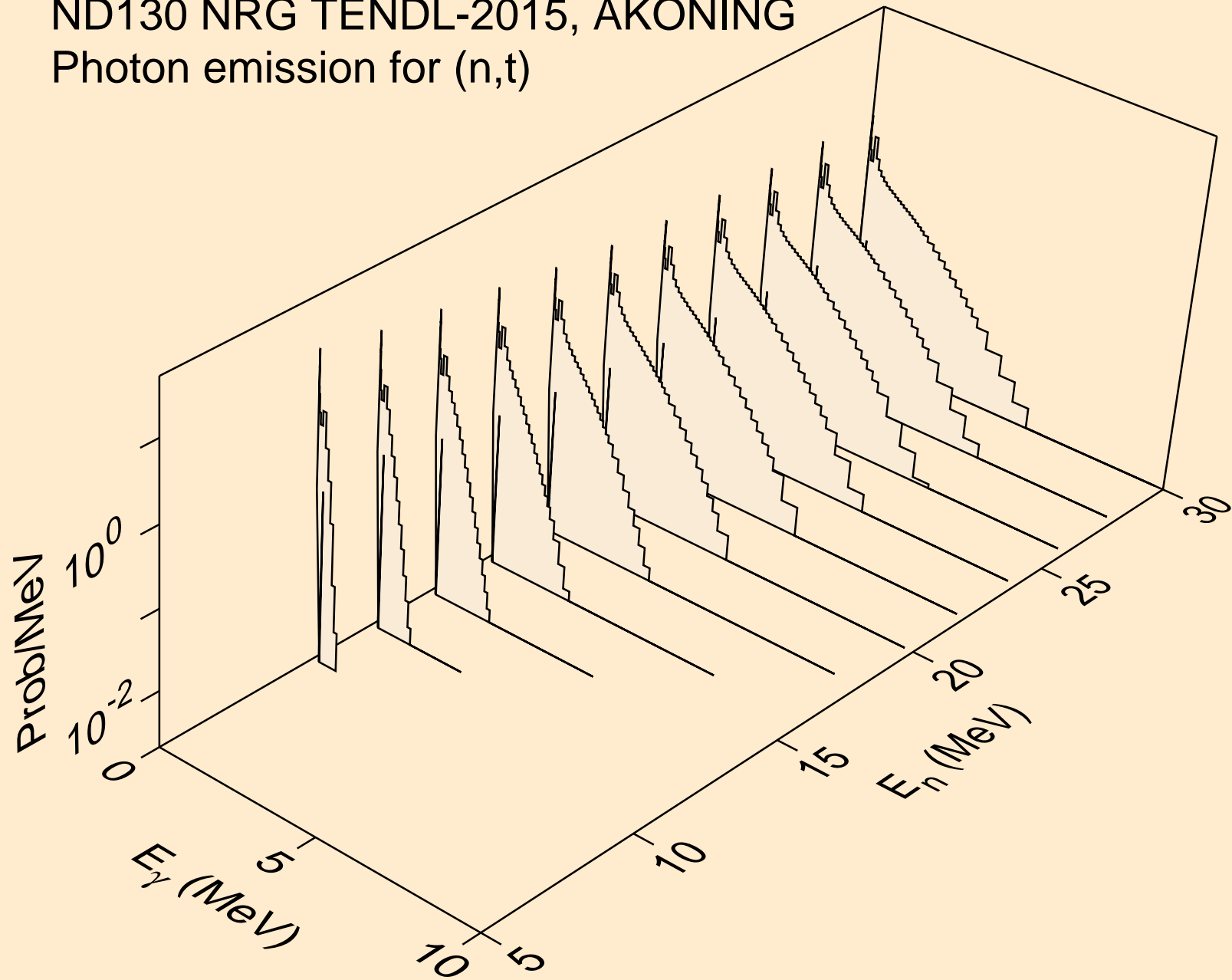


ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

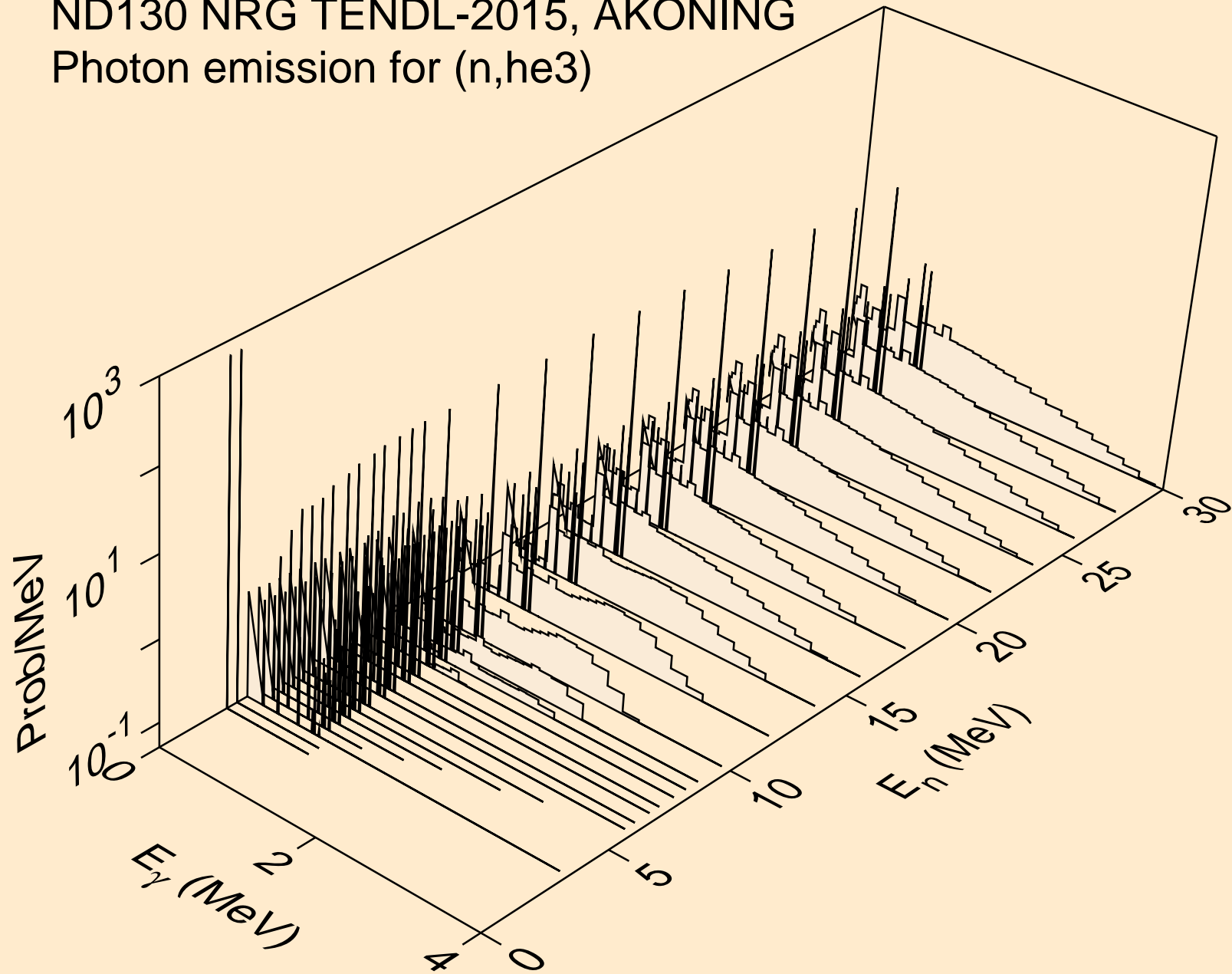




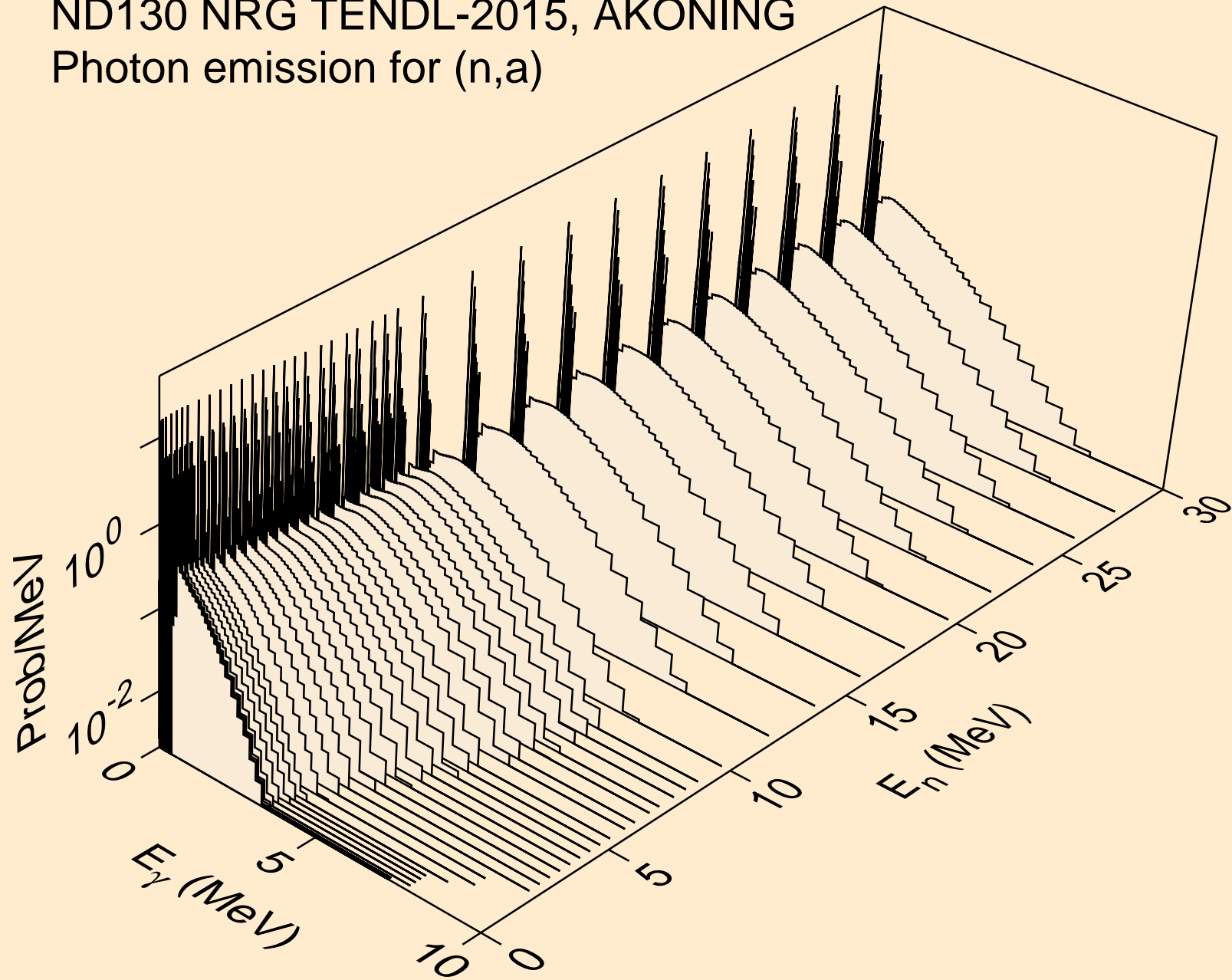
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



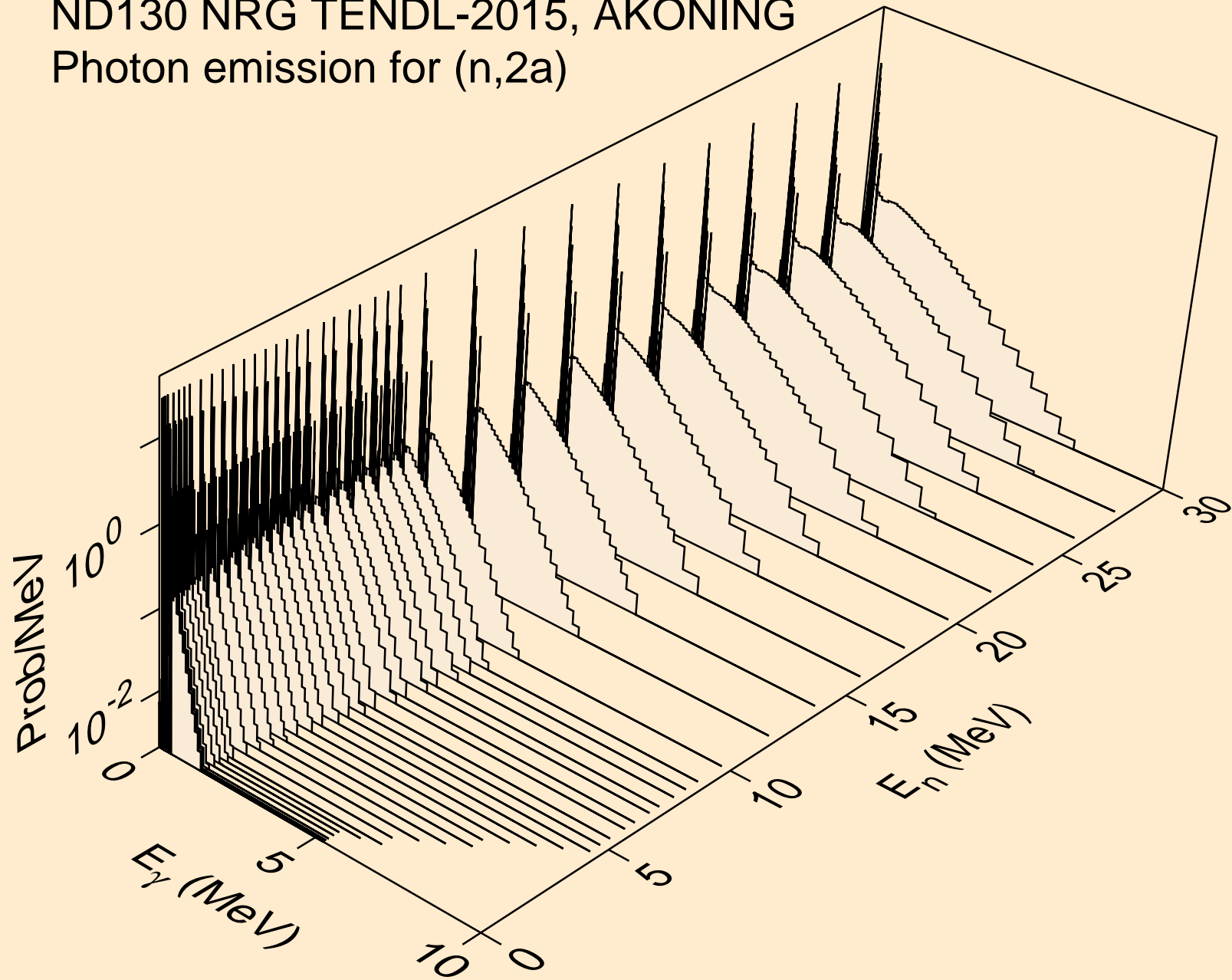
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



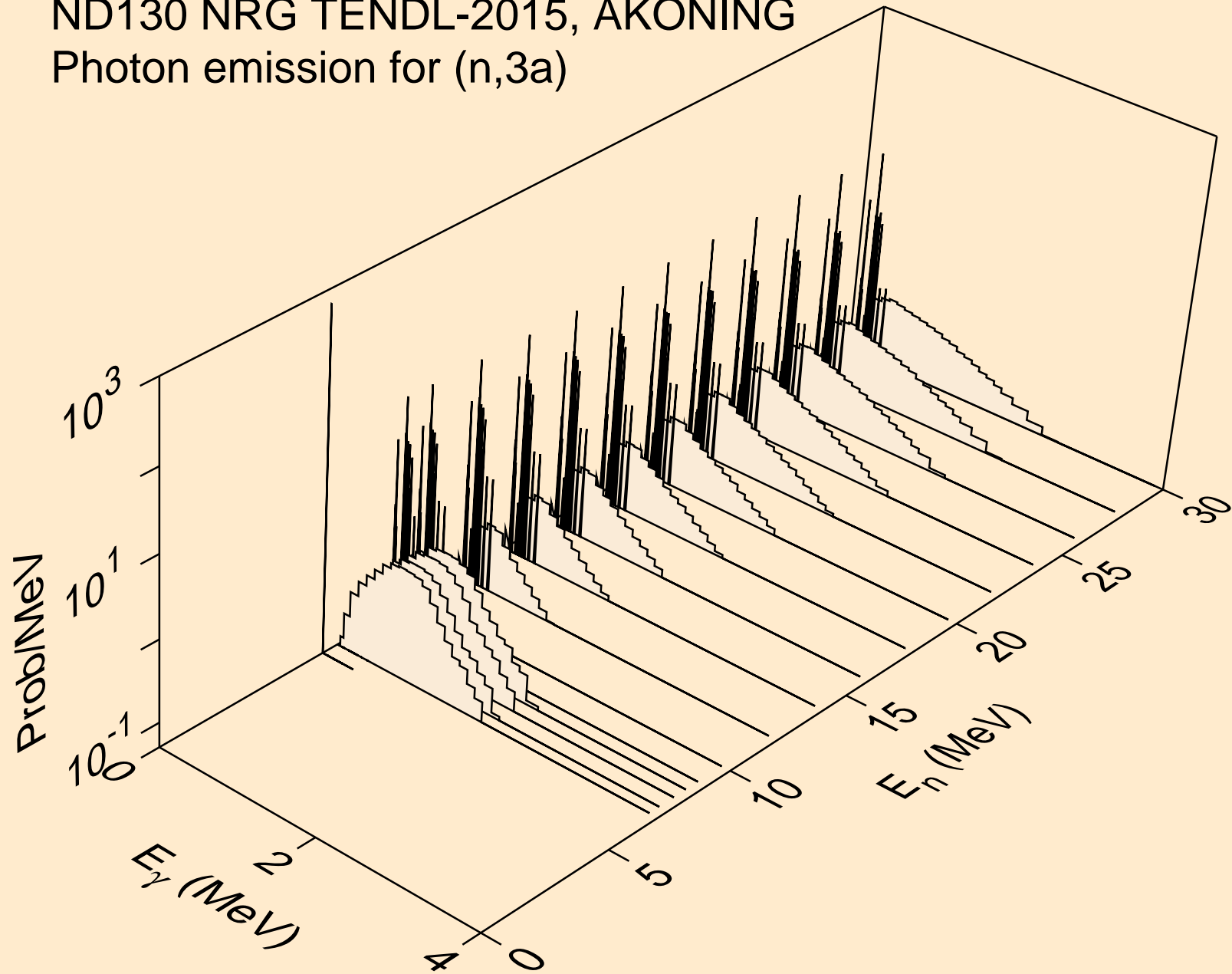
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



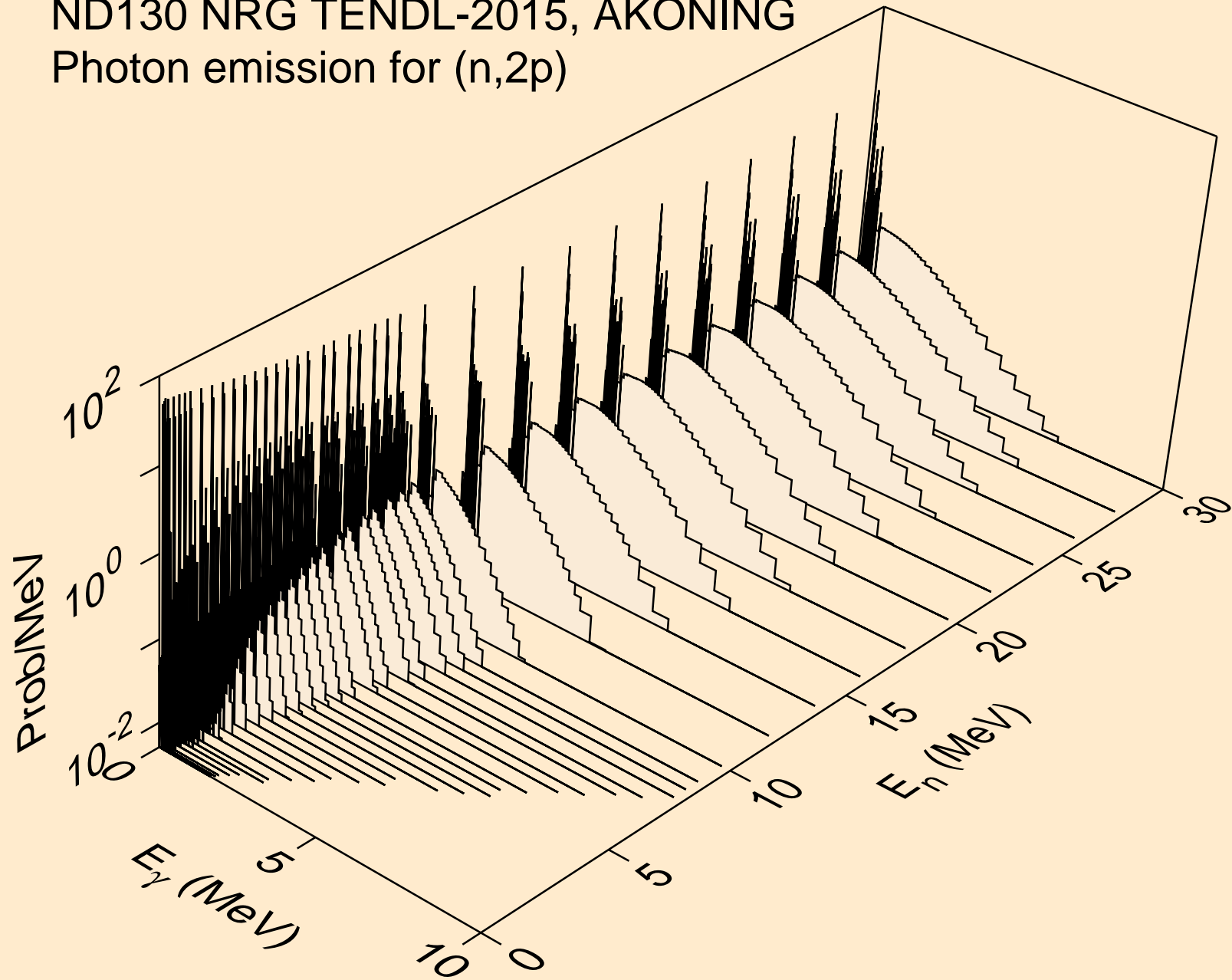
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



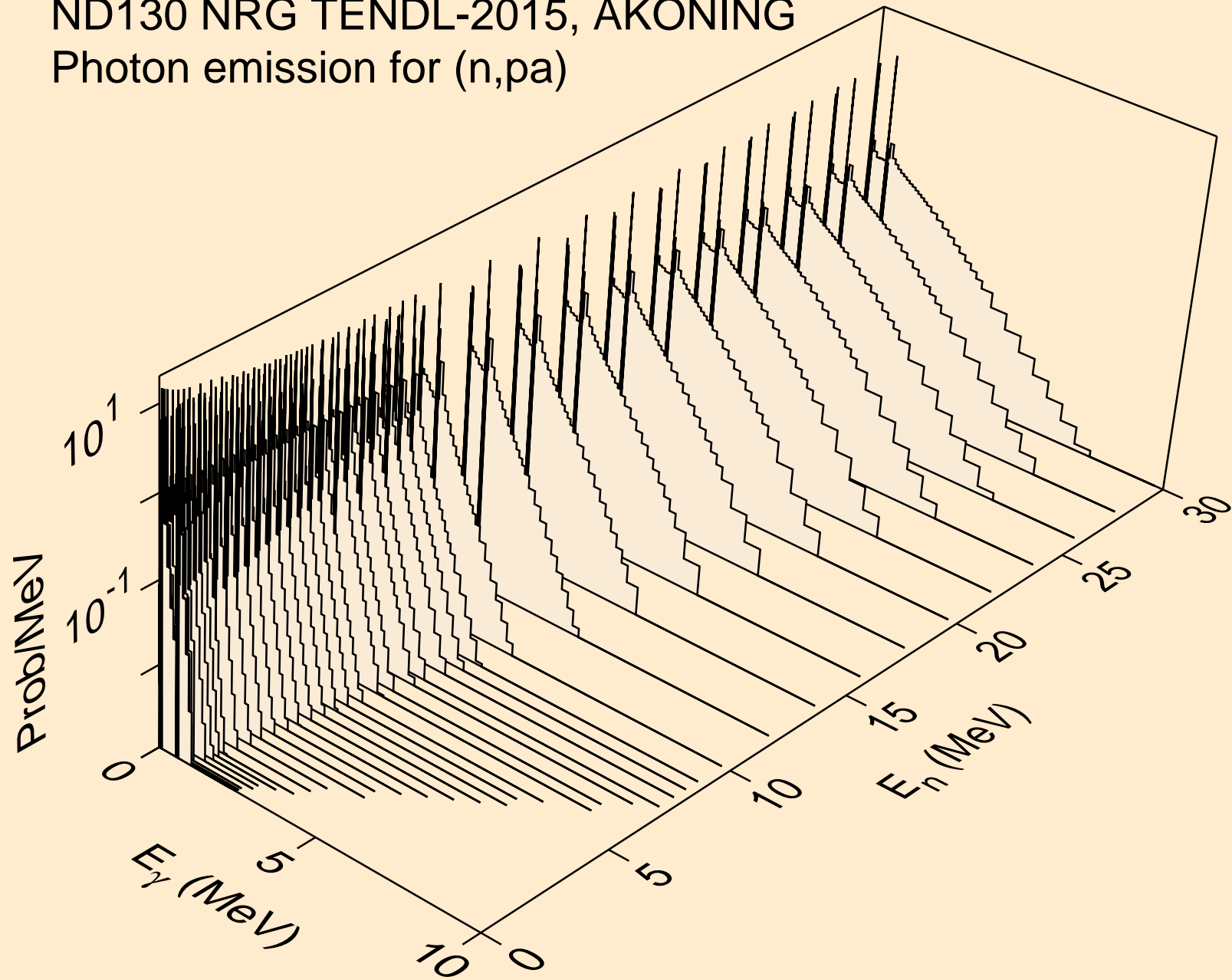
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



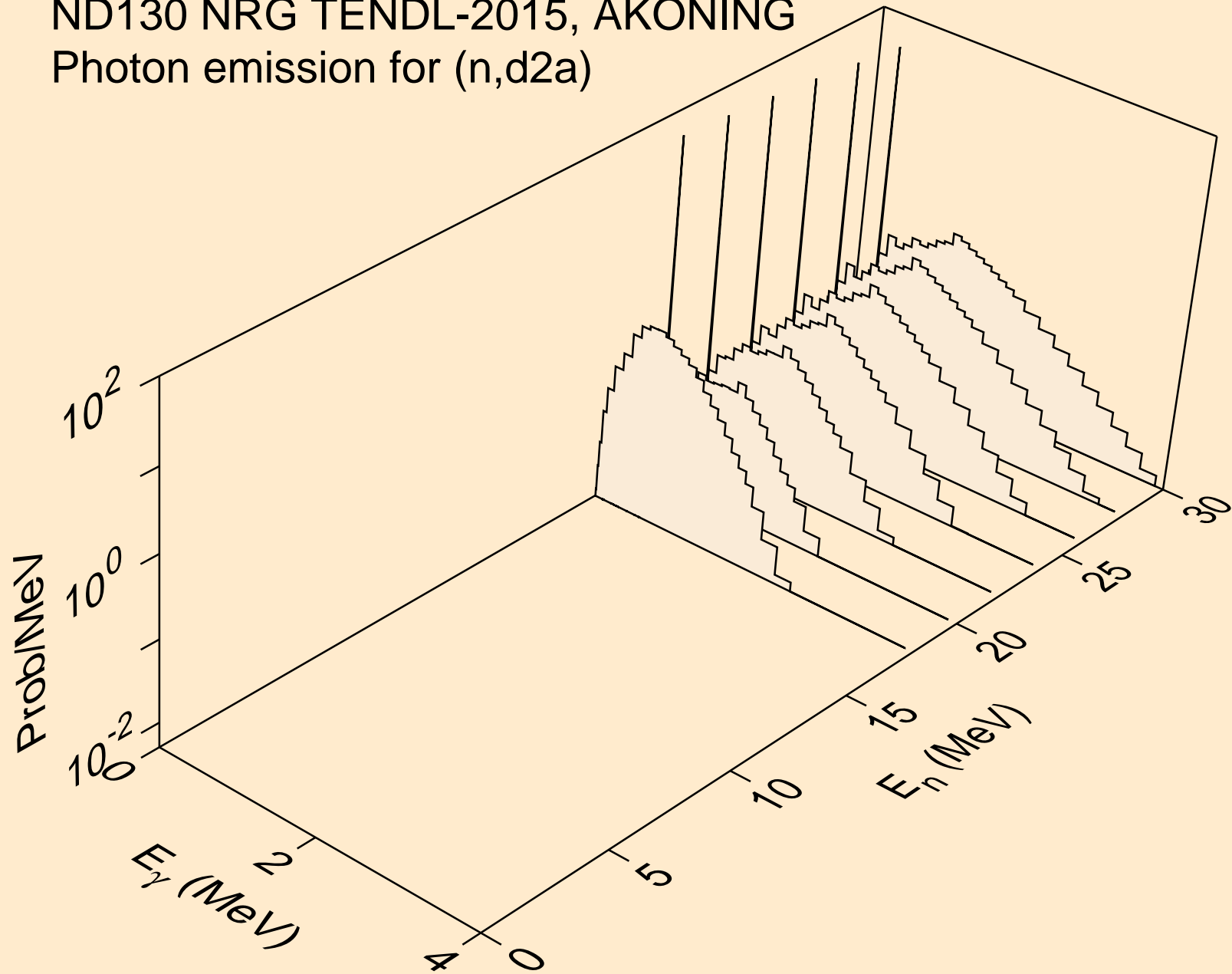
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

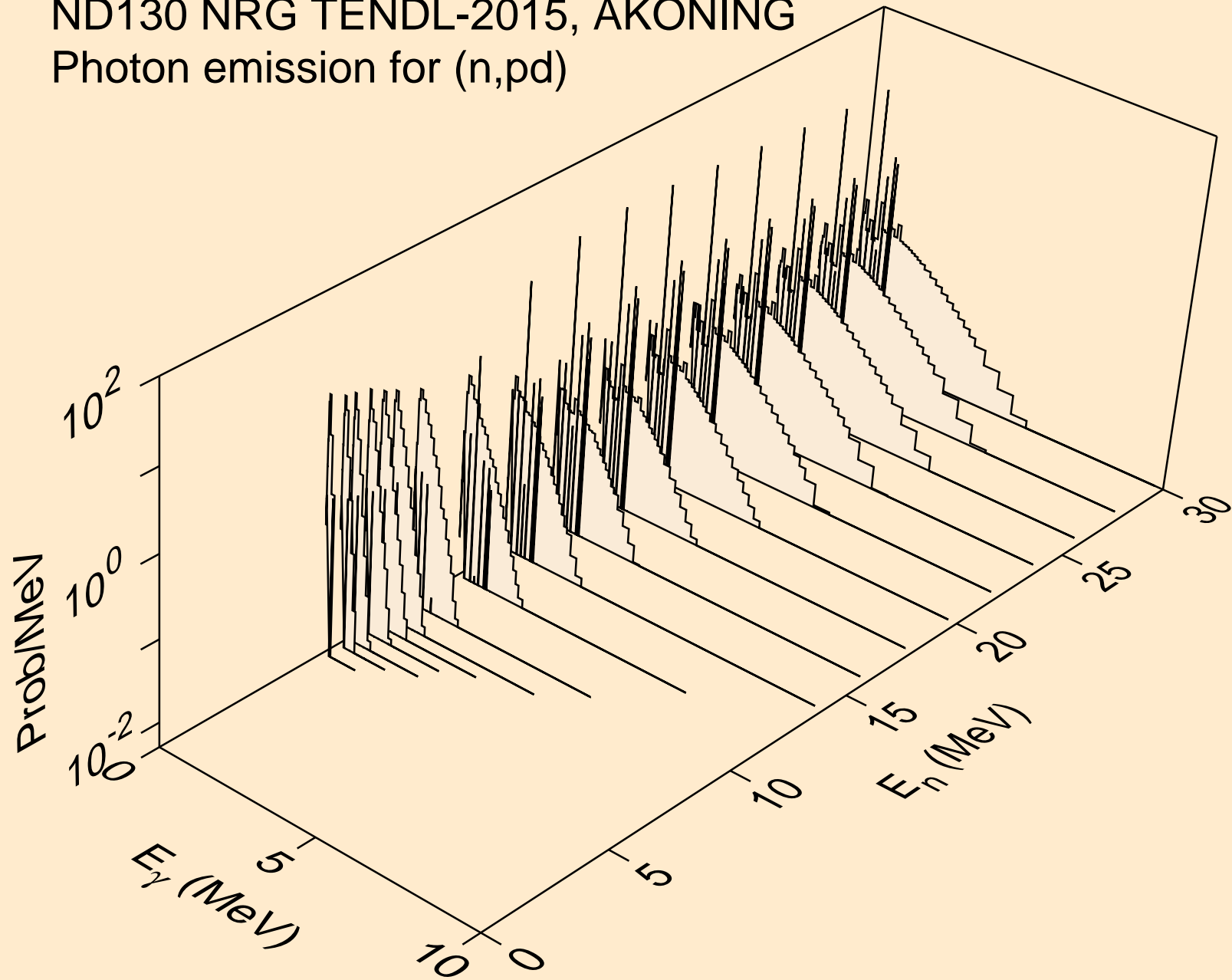


ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

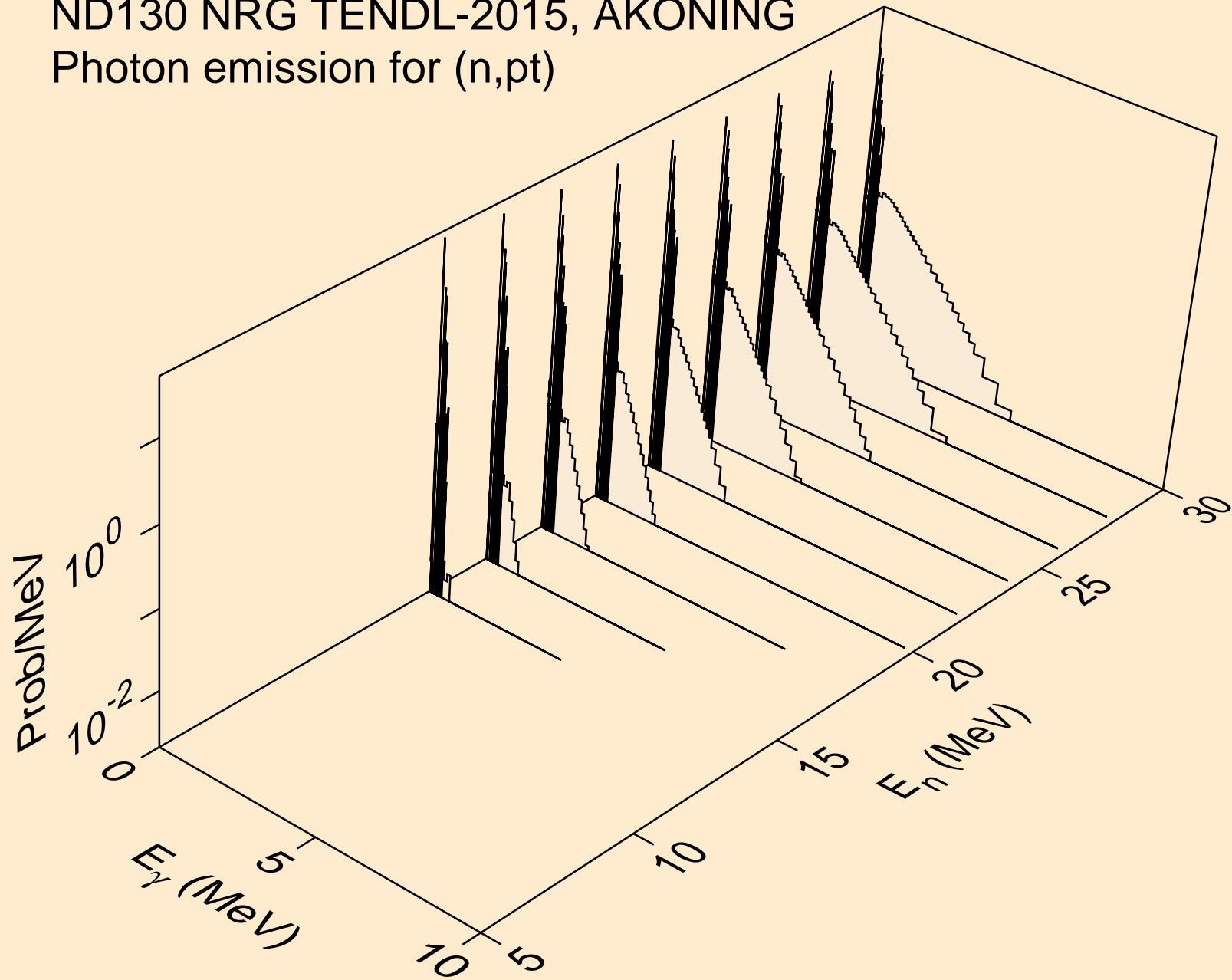




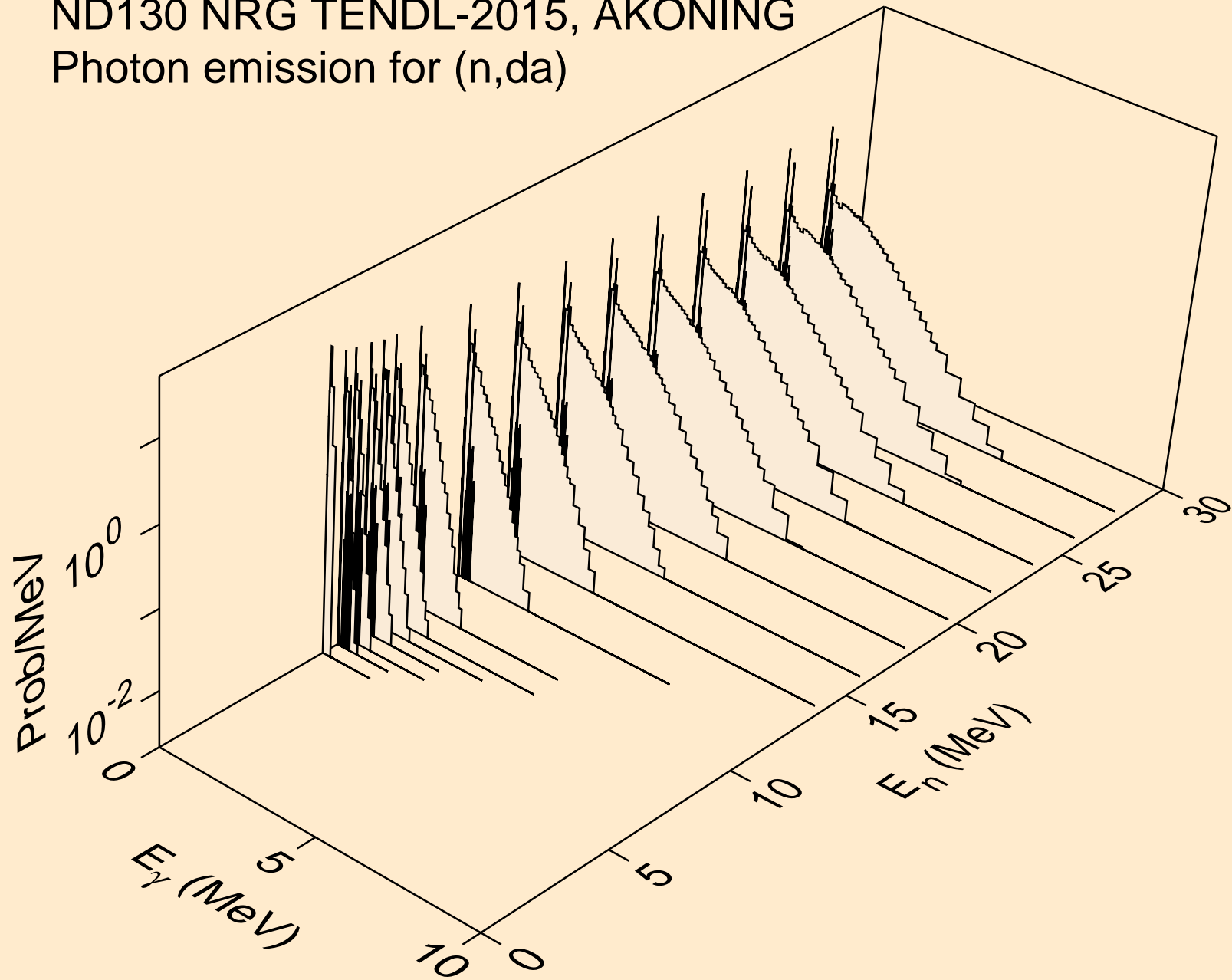
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



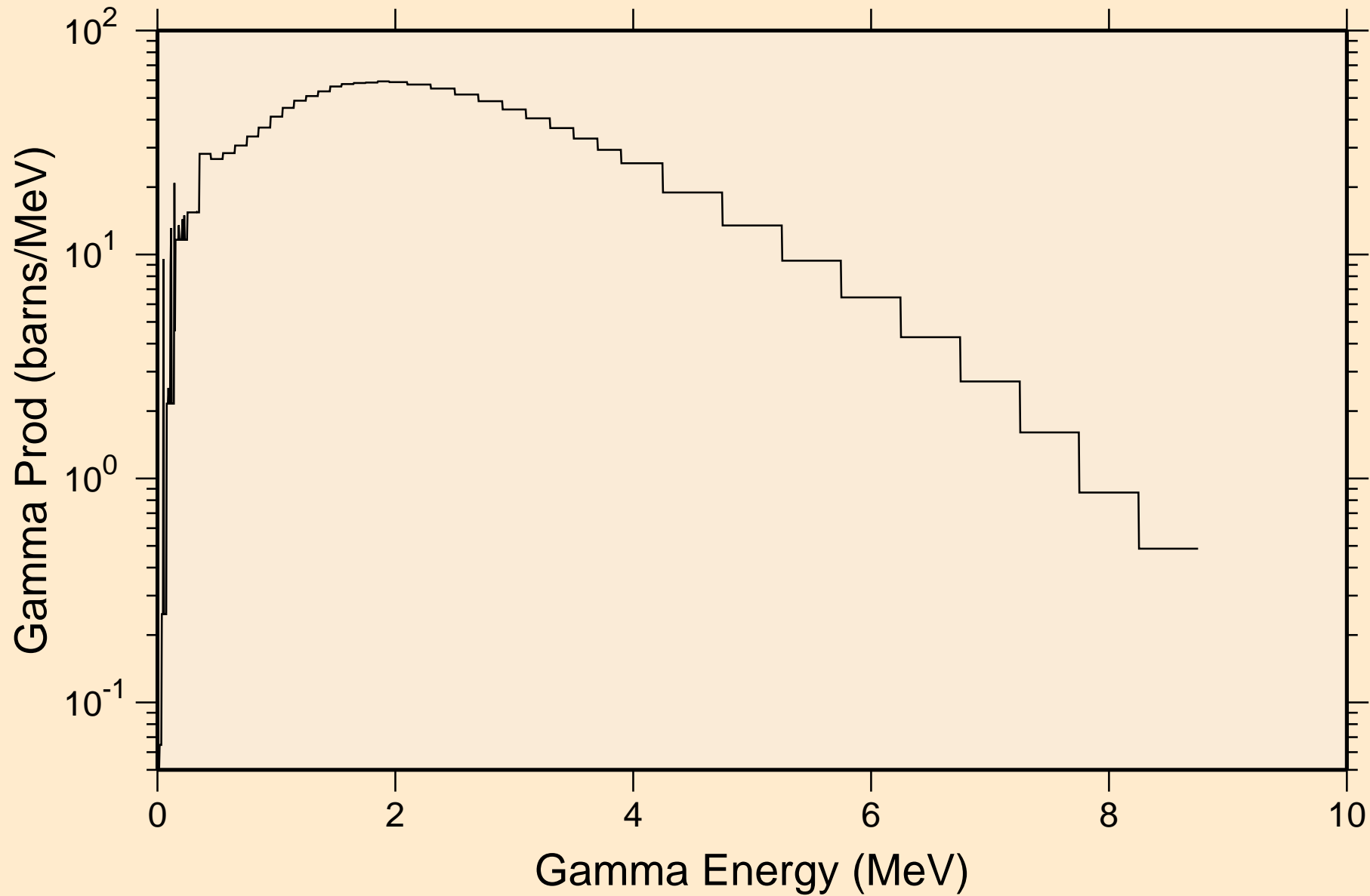
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



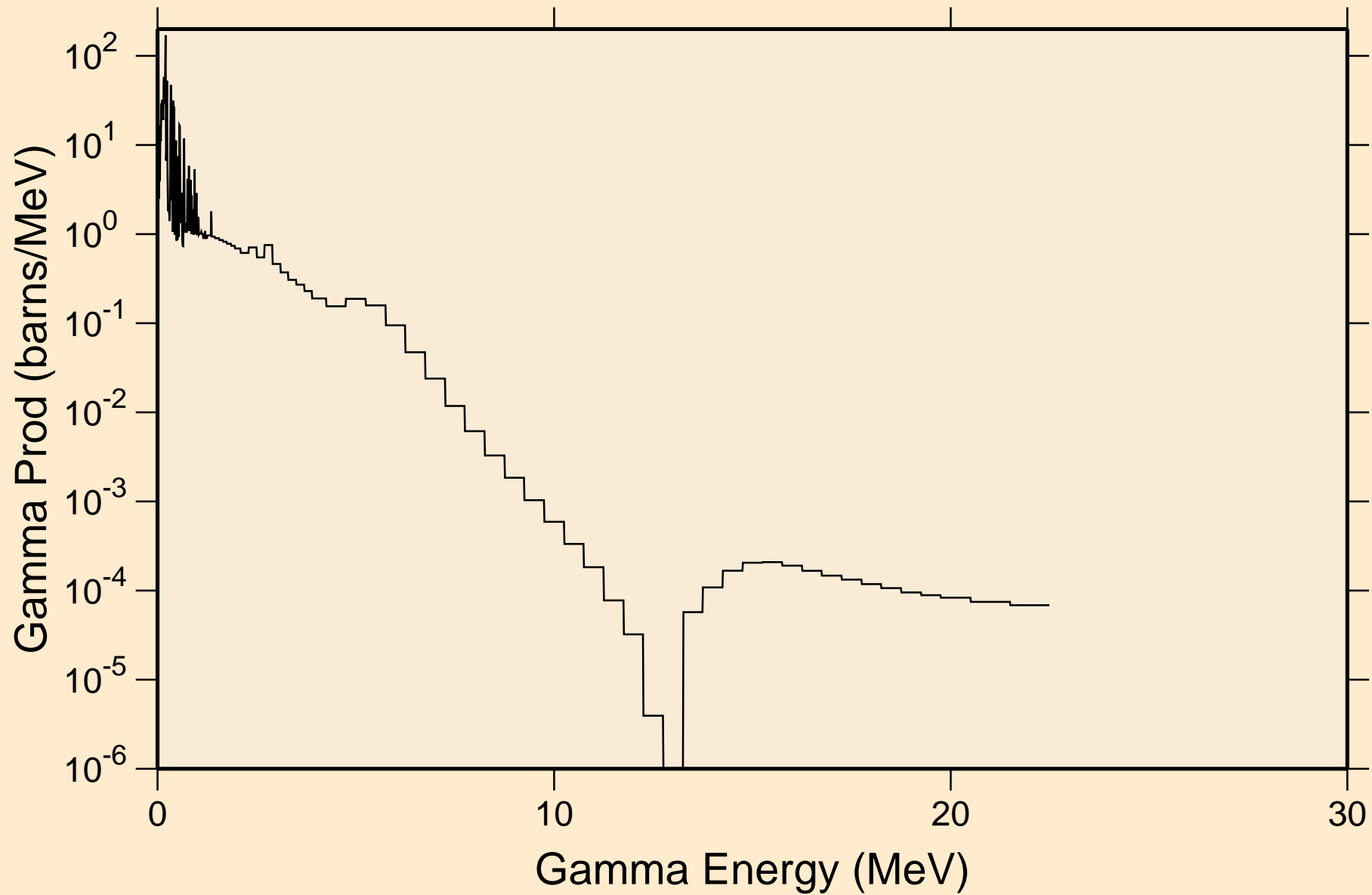
ND130 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



ND130 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

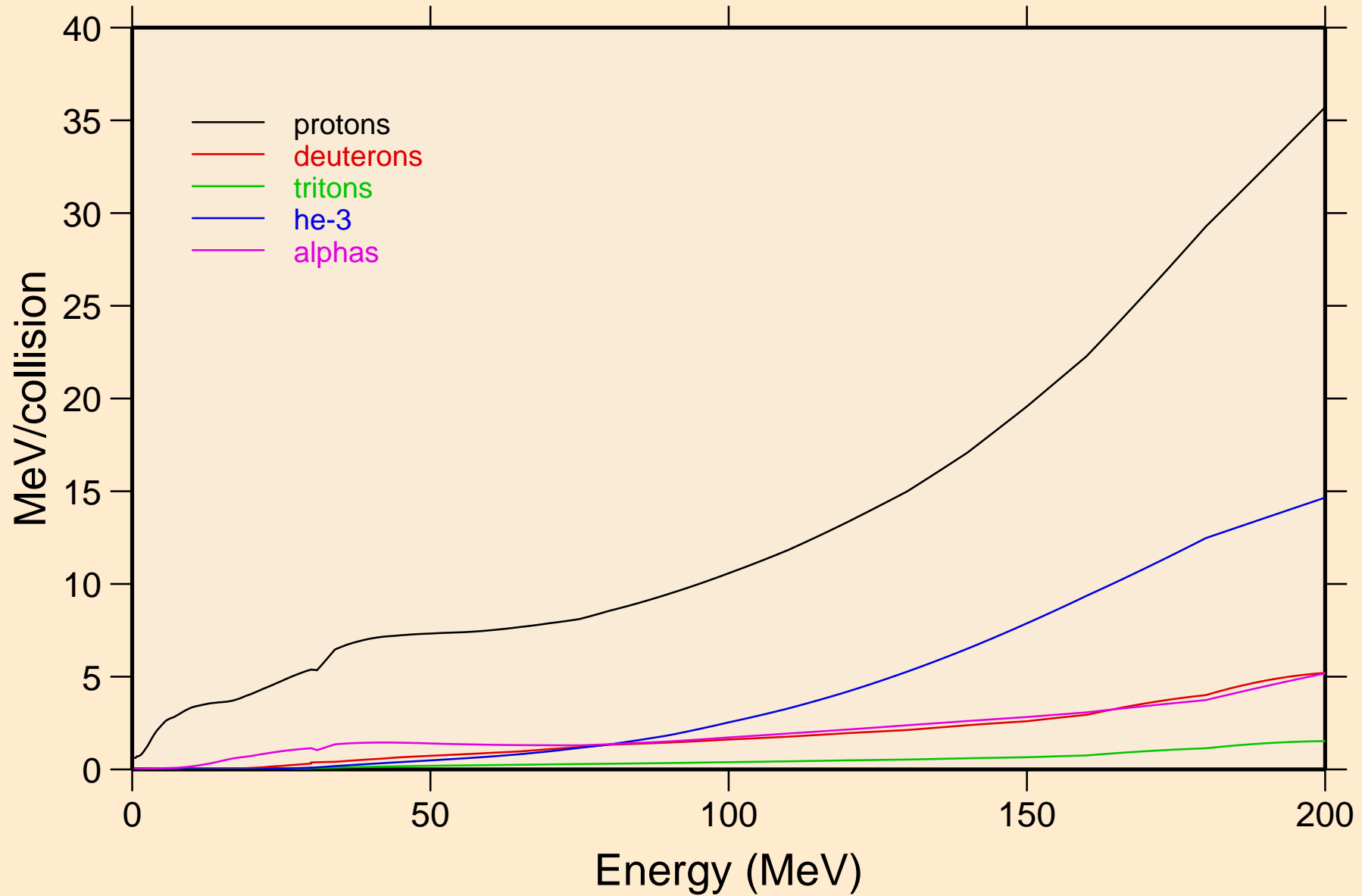


ND130 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



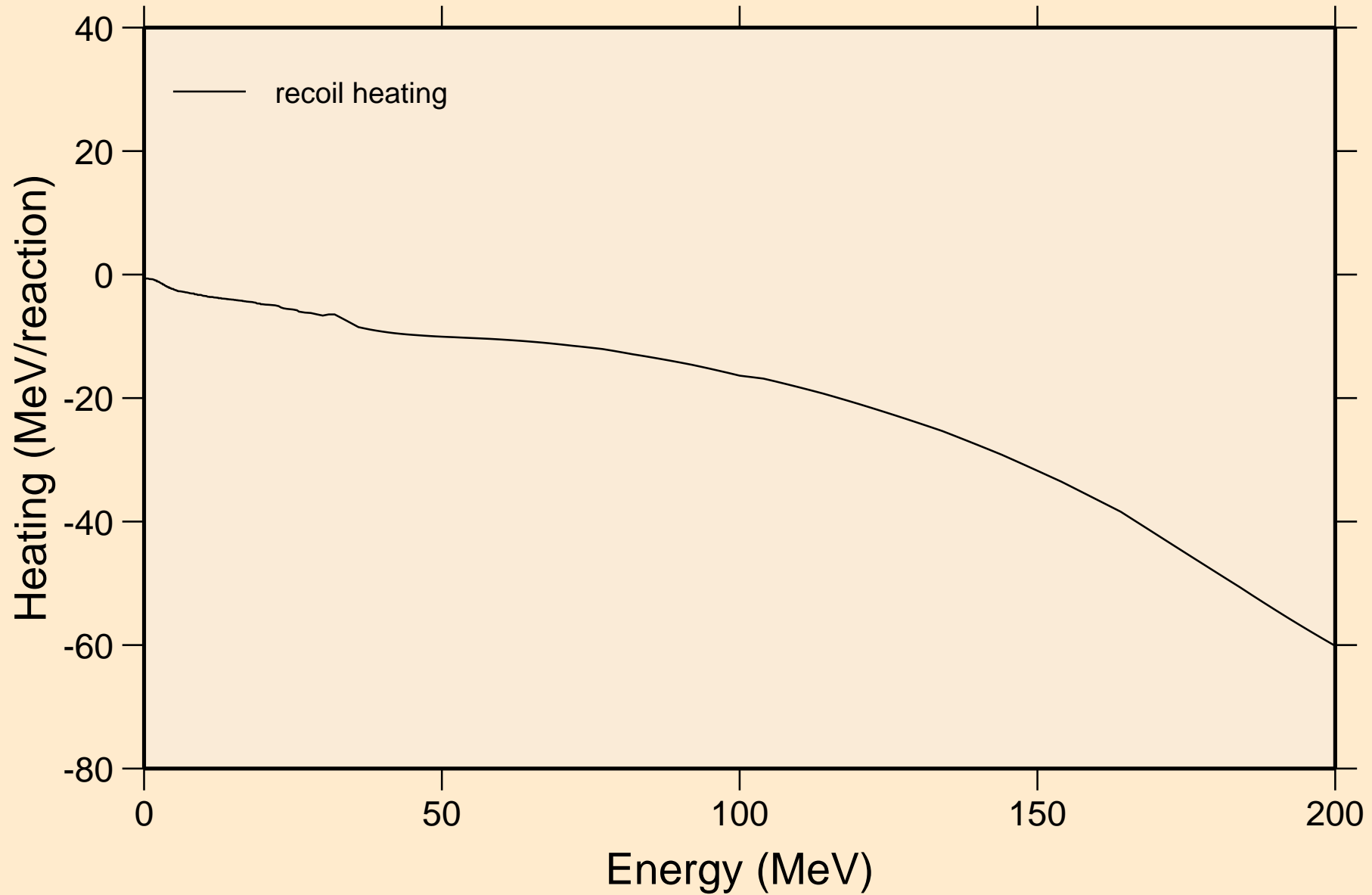
# ND130 NRG TENDL-2015, AKONING

## Particle heating contributions



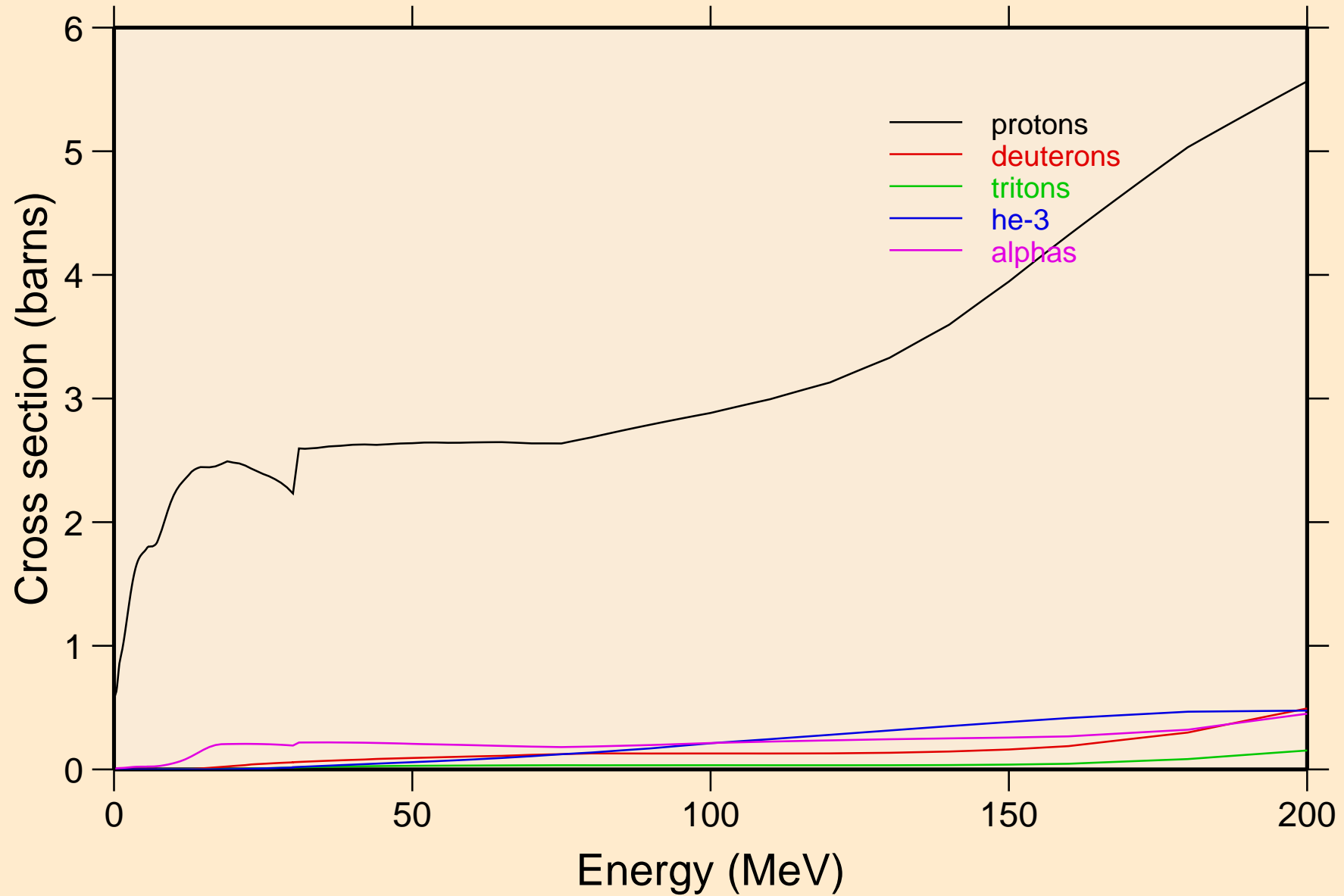
# ND130 NRG TENDL-2015, AKONING

## Recoil Heating



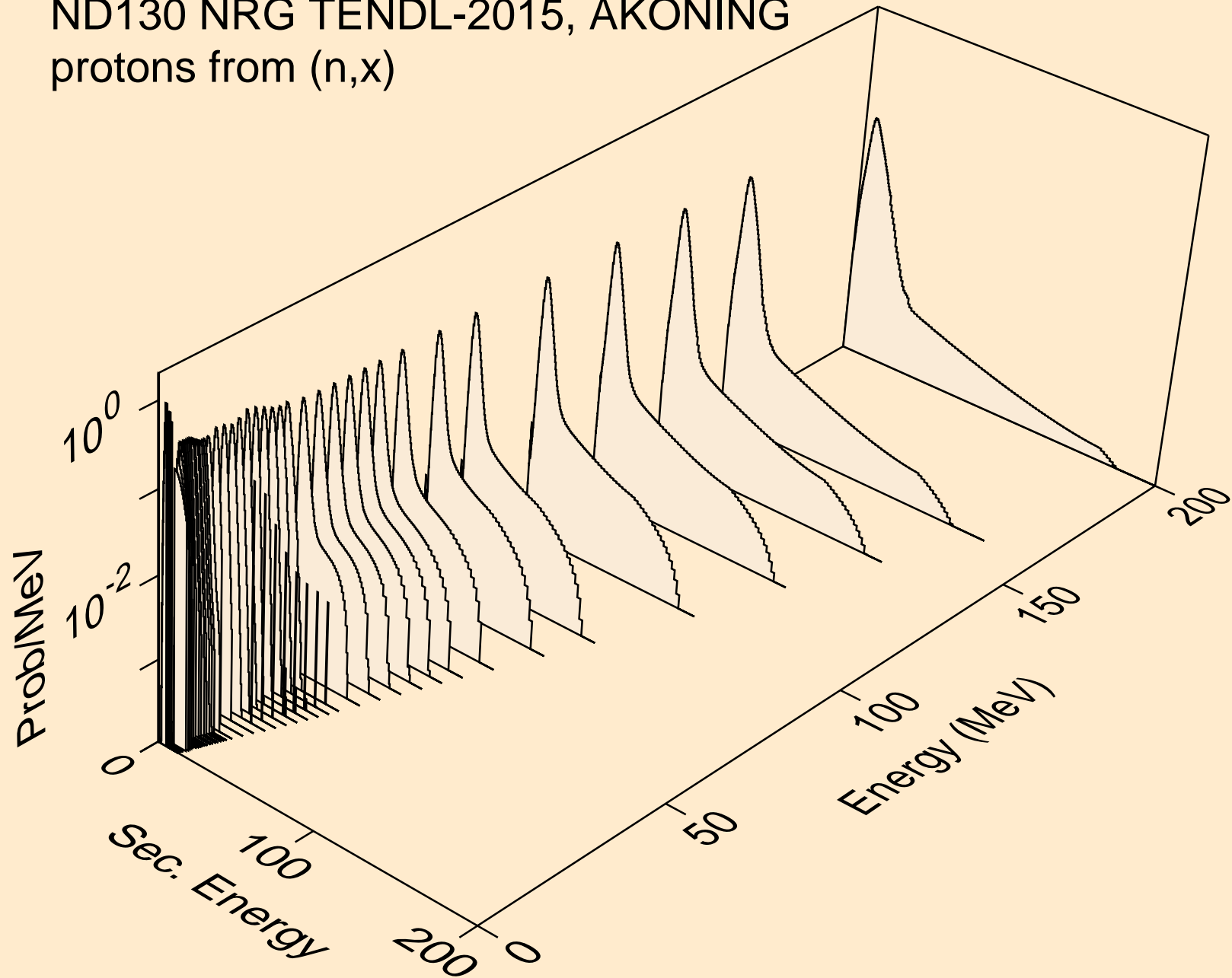
# ND130 NRG TENDL-2015, AKONING

## Particle production cross sections

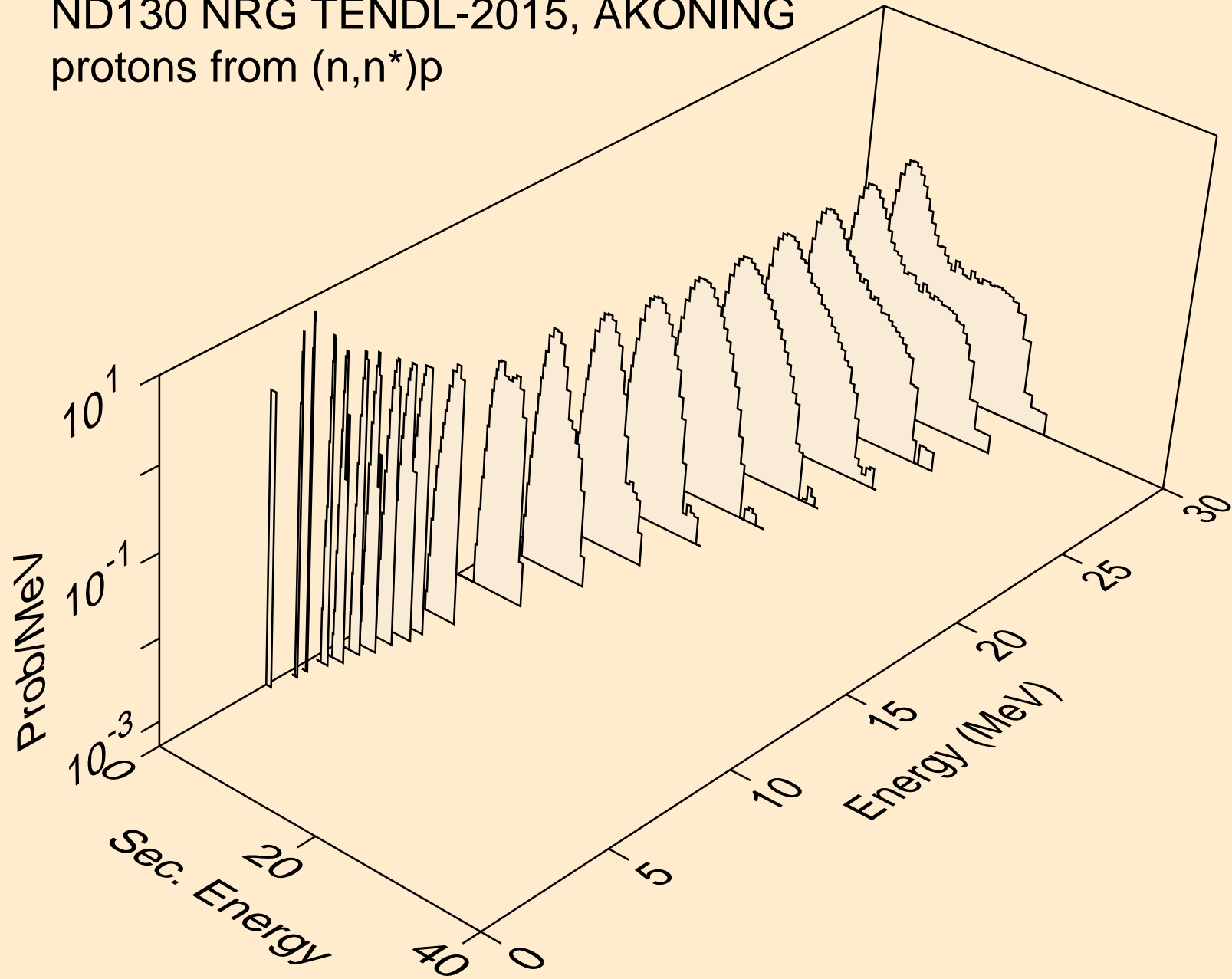




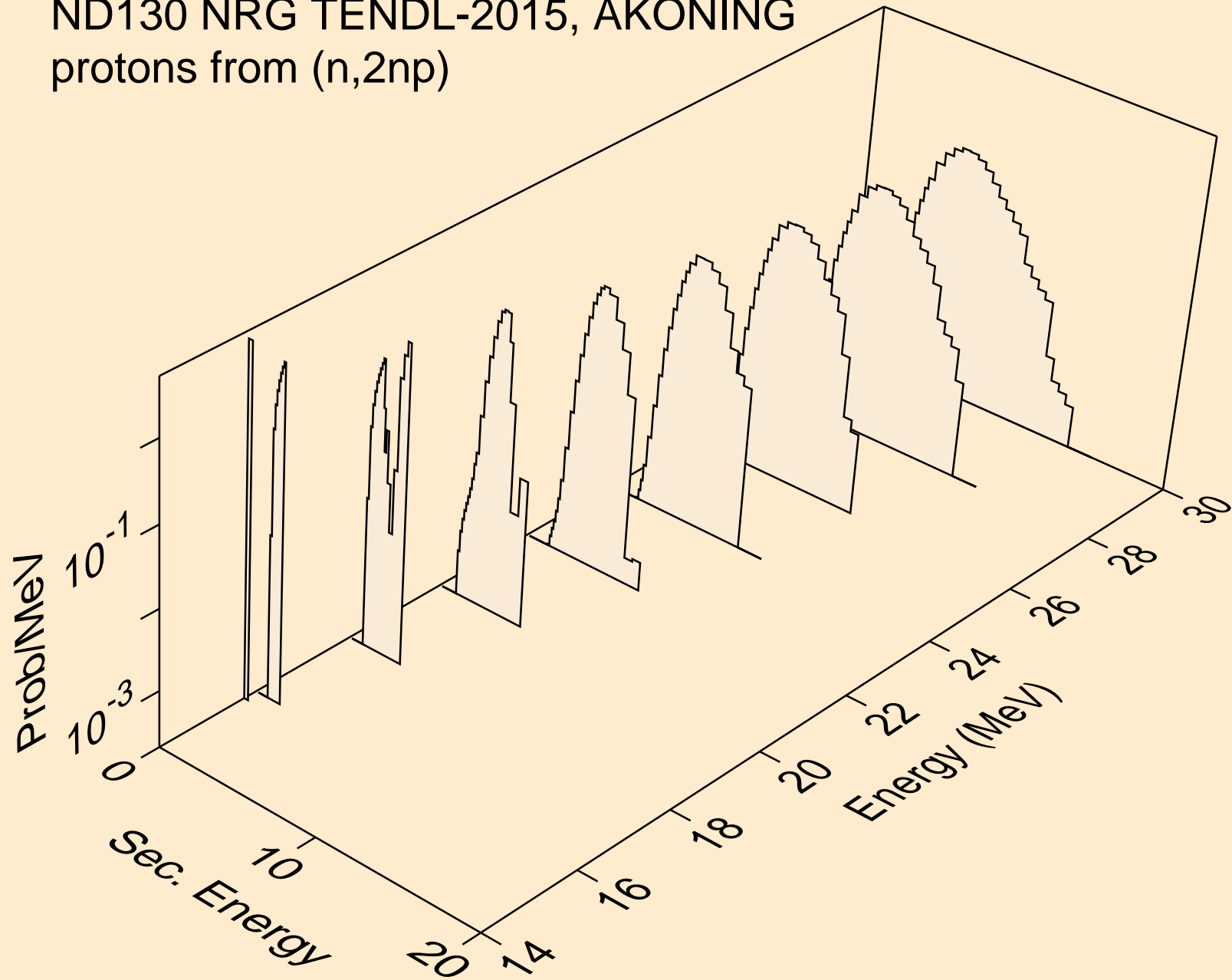
ND130 NRG TENDL-2015, AKONING  
protons from (n,x)



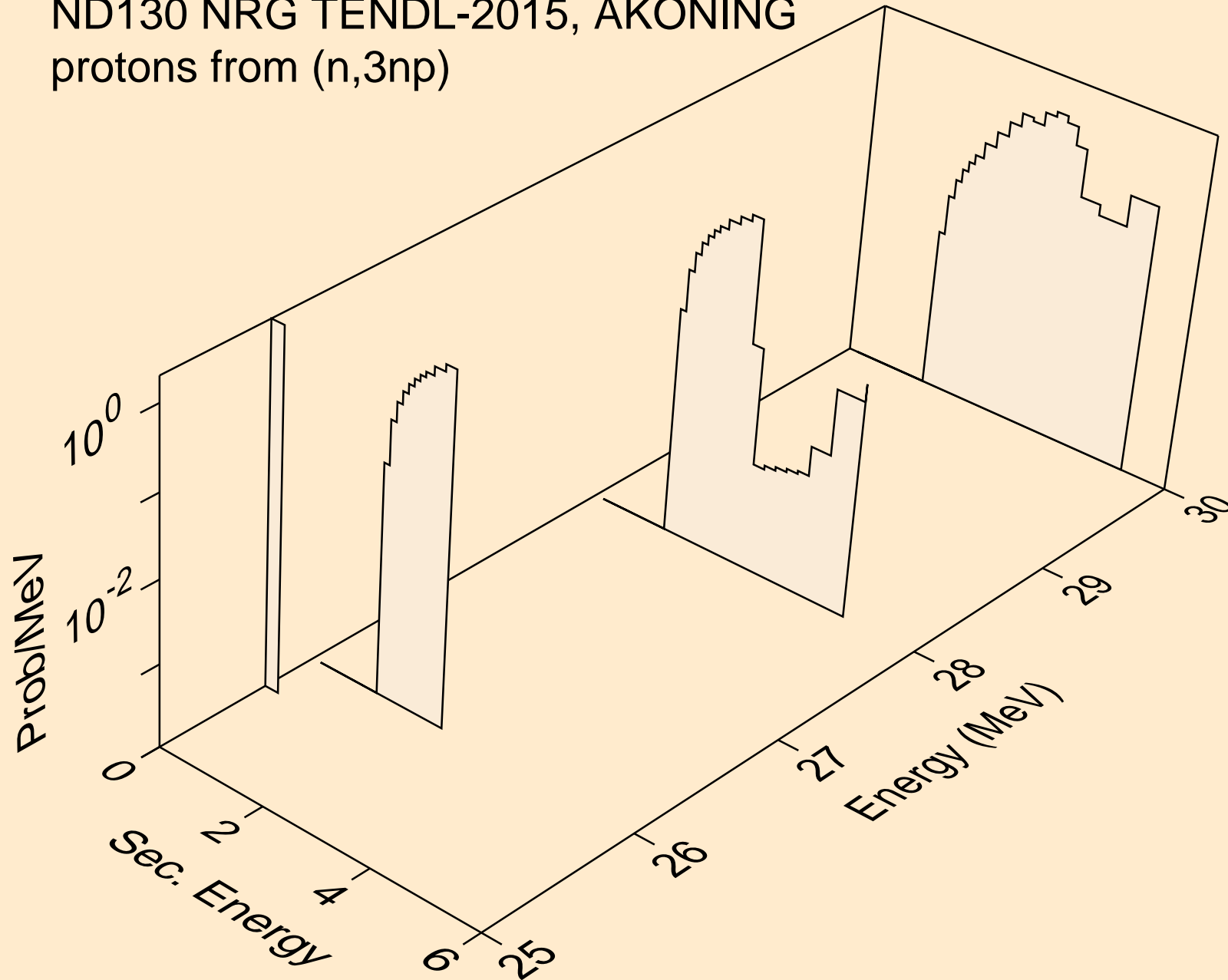
ND130 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



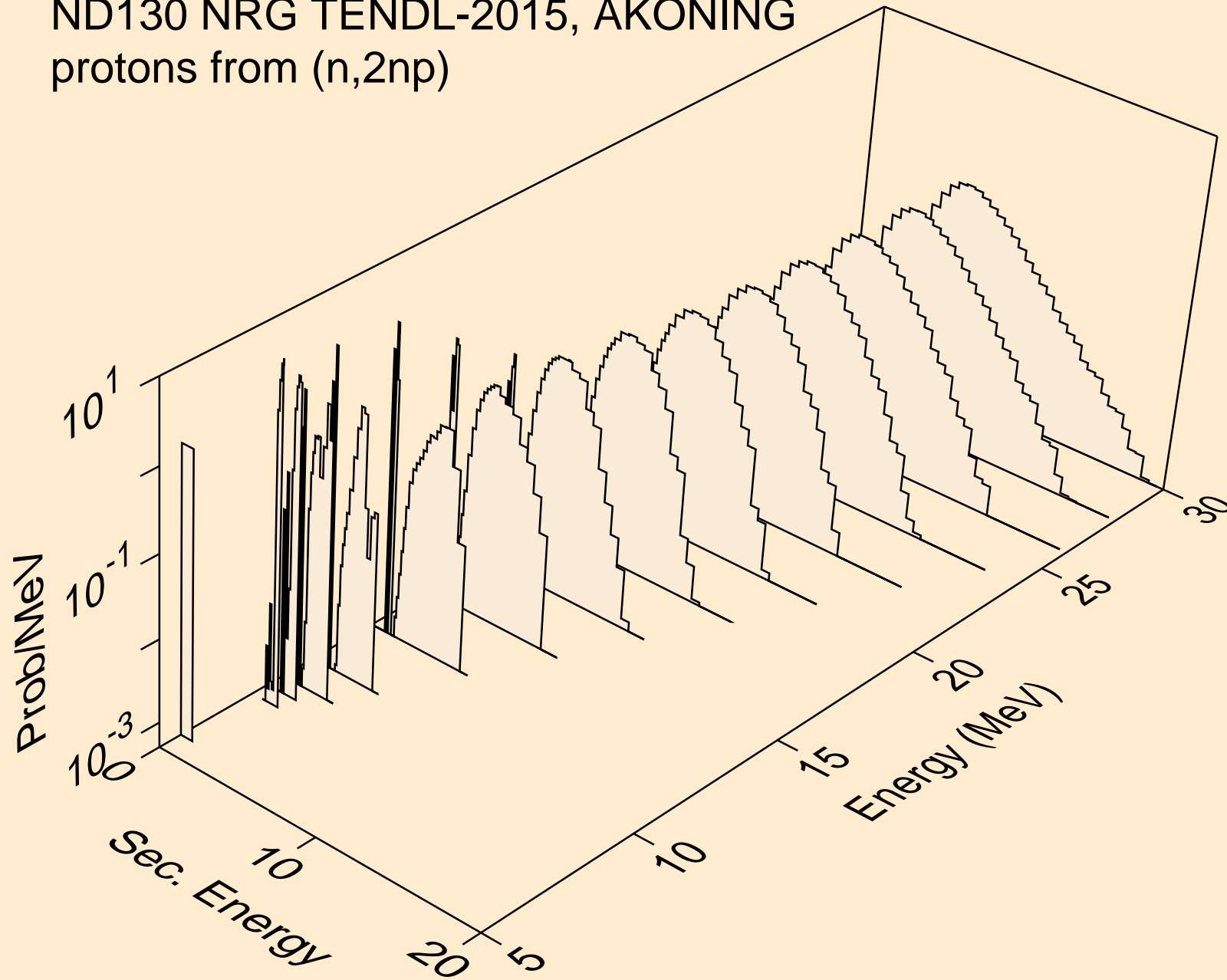
ND130 NRG TENDL-2015, AKONING  
protons from (n,2np)



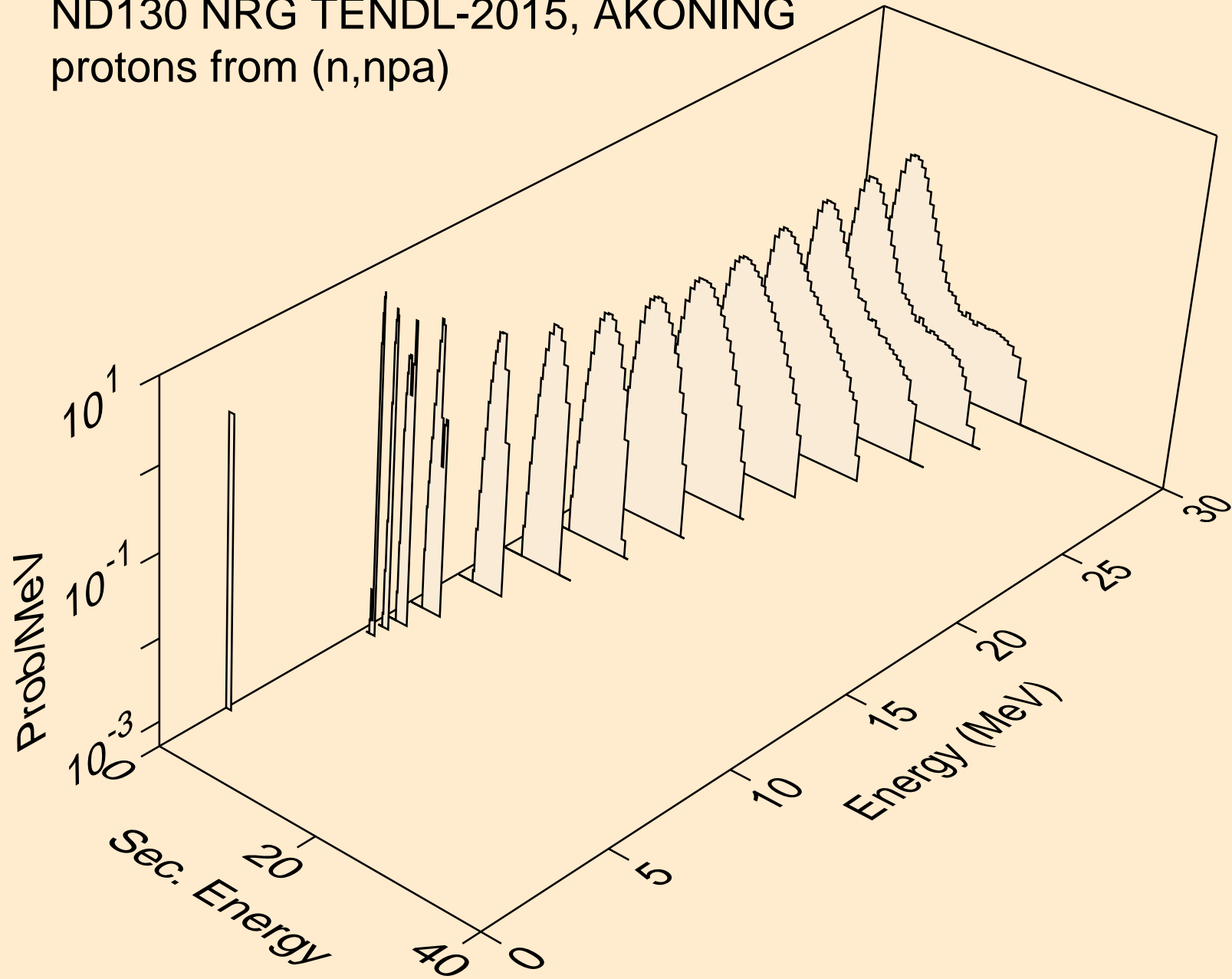
ND130 NRG TENDL-2015, AKONING  
protons from (n,3np)



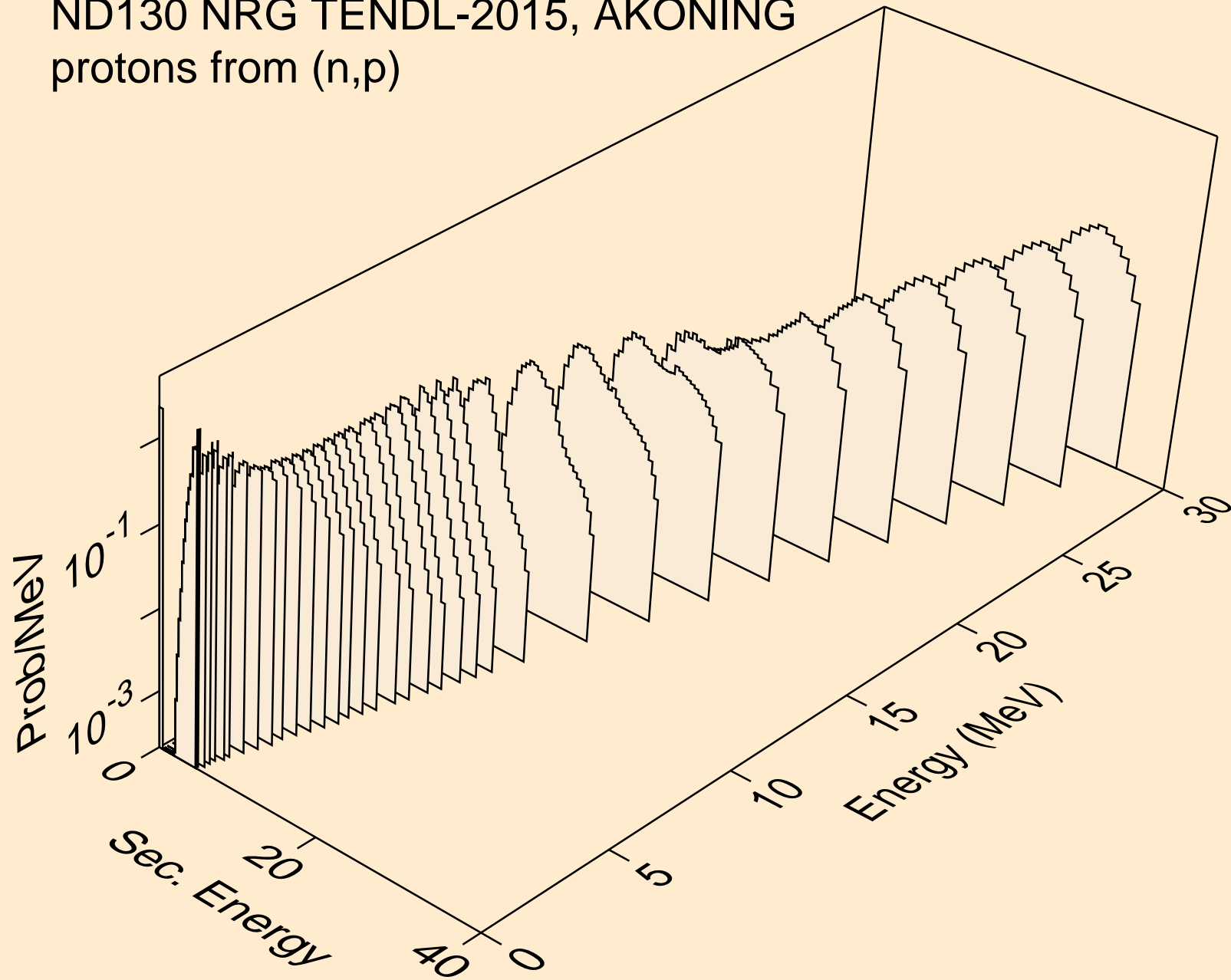
ND130 NRG TENDL-2015, AKONING  
protons from (n,2np)



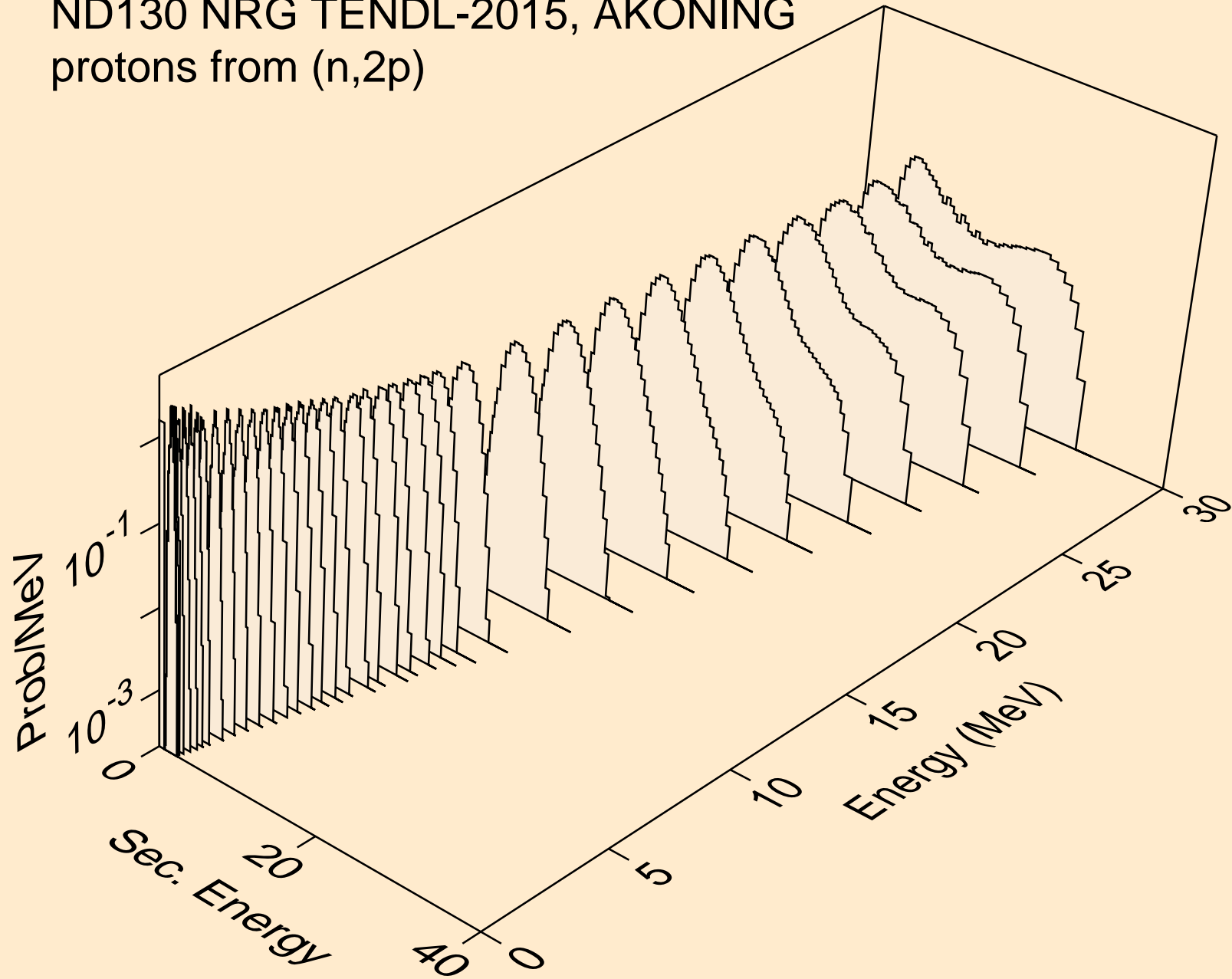
ND130 NRG TENDL-2015, AKONING  
protons from (n,npa)



ND130 NRG TENDL-2015, AKONING  
protons from (n,p)

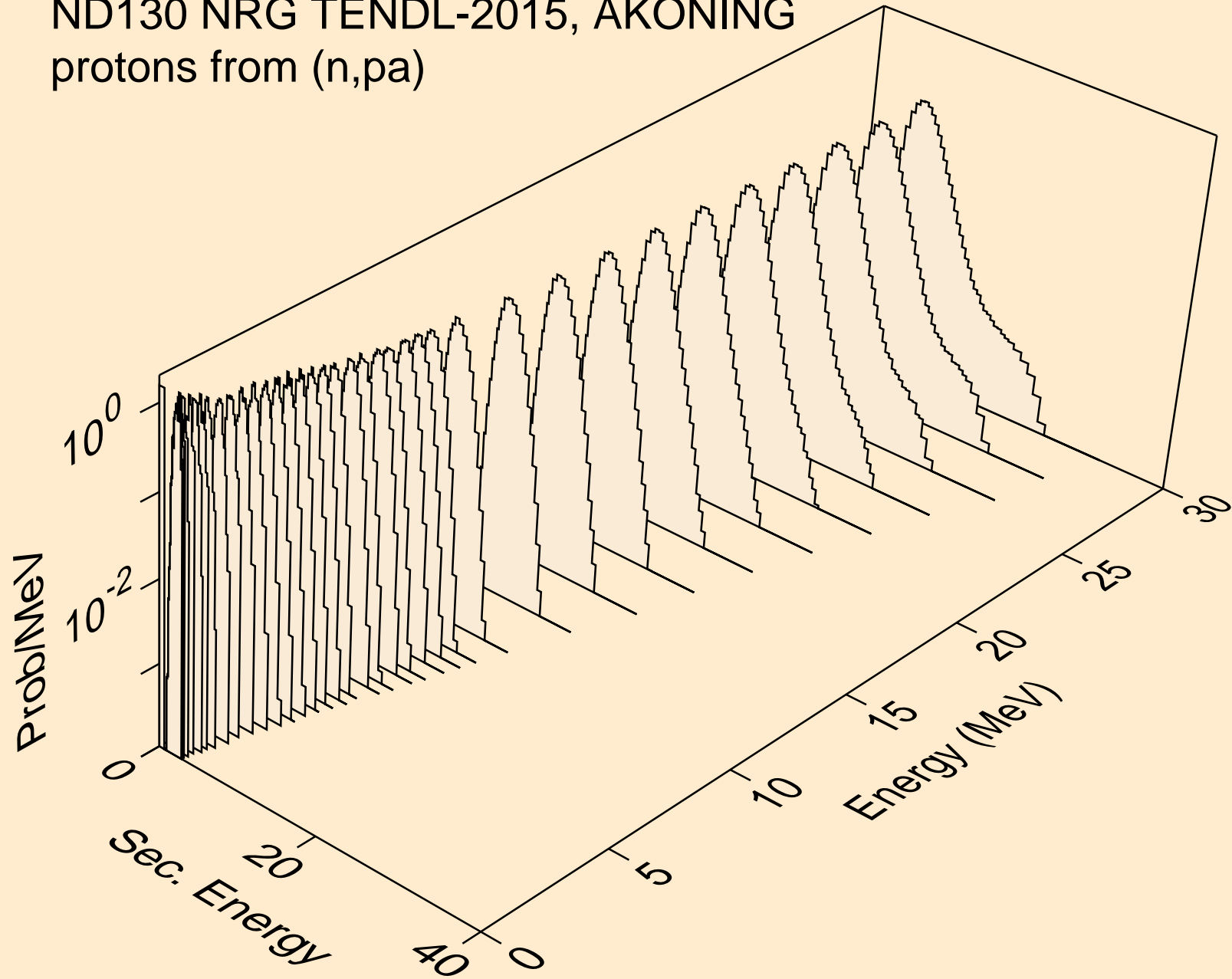


ND130 NRG TENDL-2015, AKONING  
protons from (n,2p)

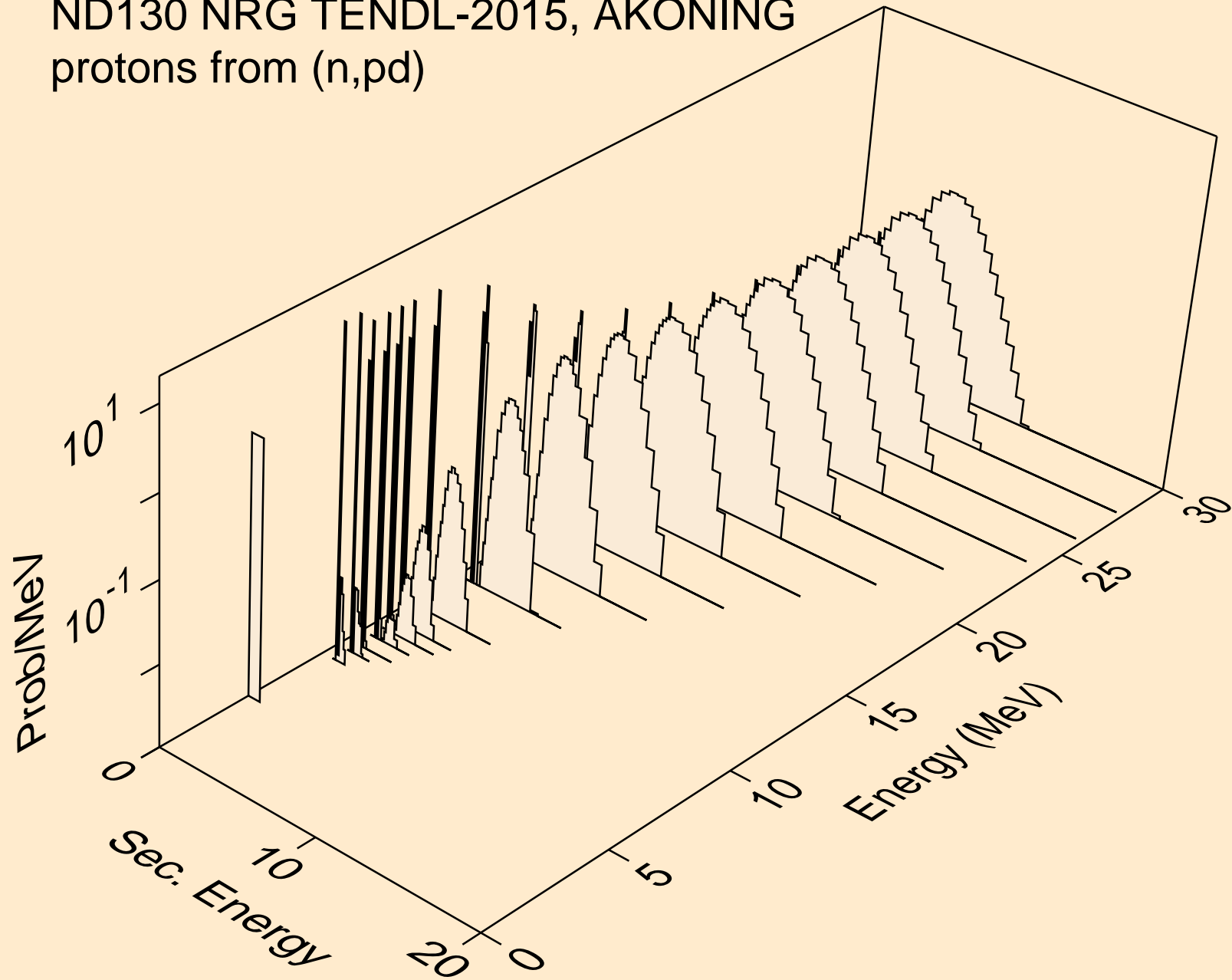




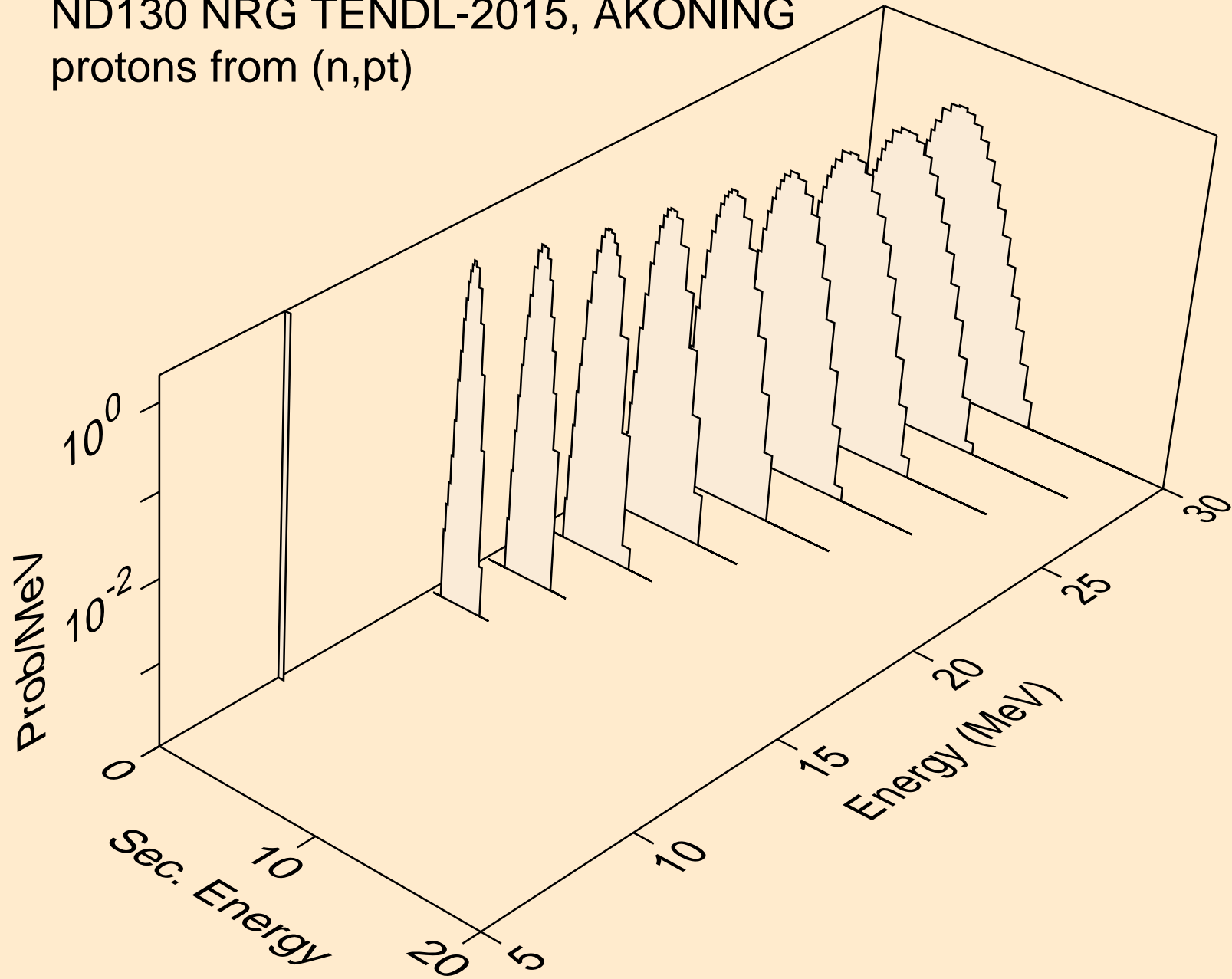
ND130 NRG TENDL-2015, AKONING  
protons from (n,pa)



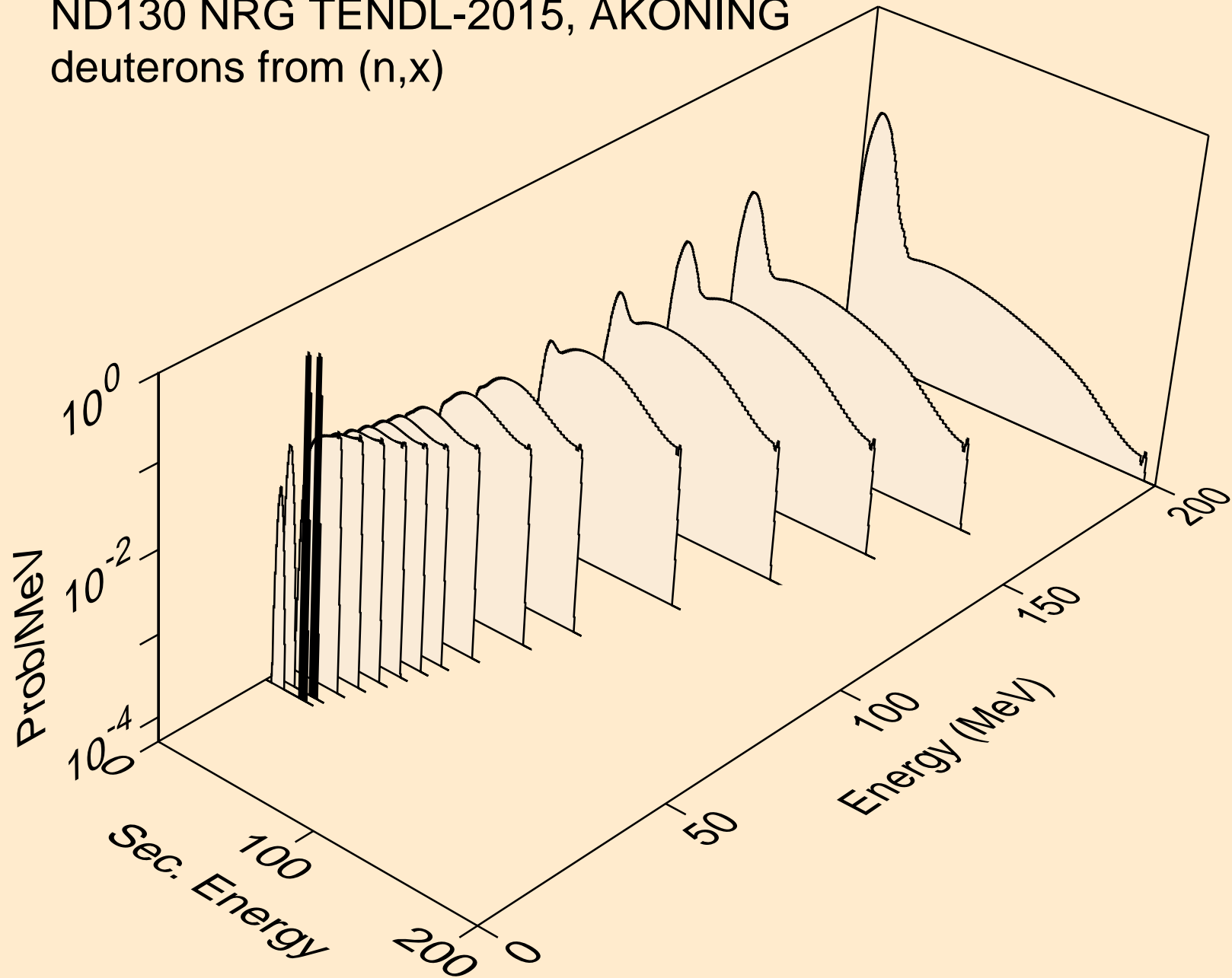
ND130 NRG TENDL-2015, AKONING  
protons from (n,pd)



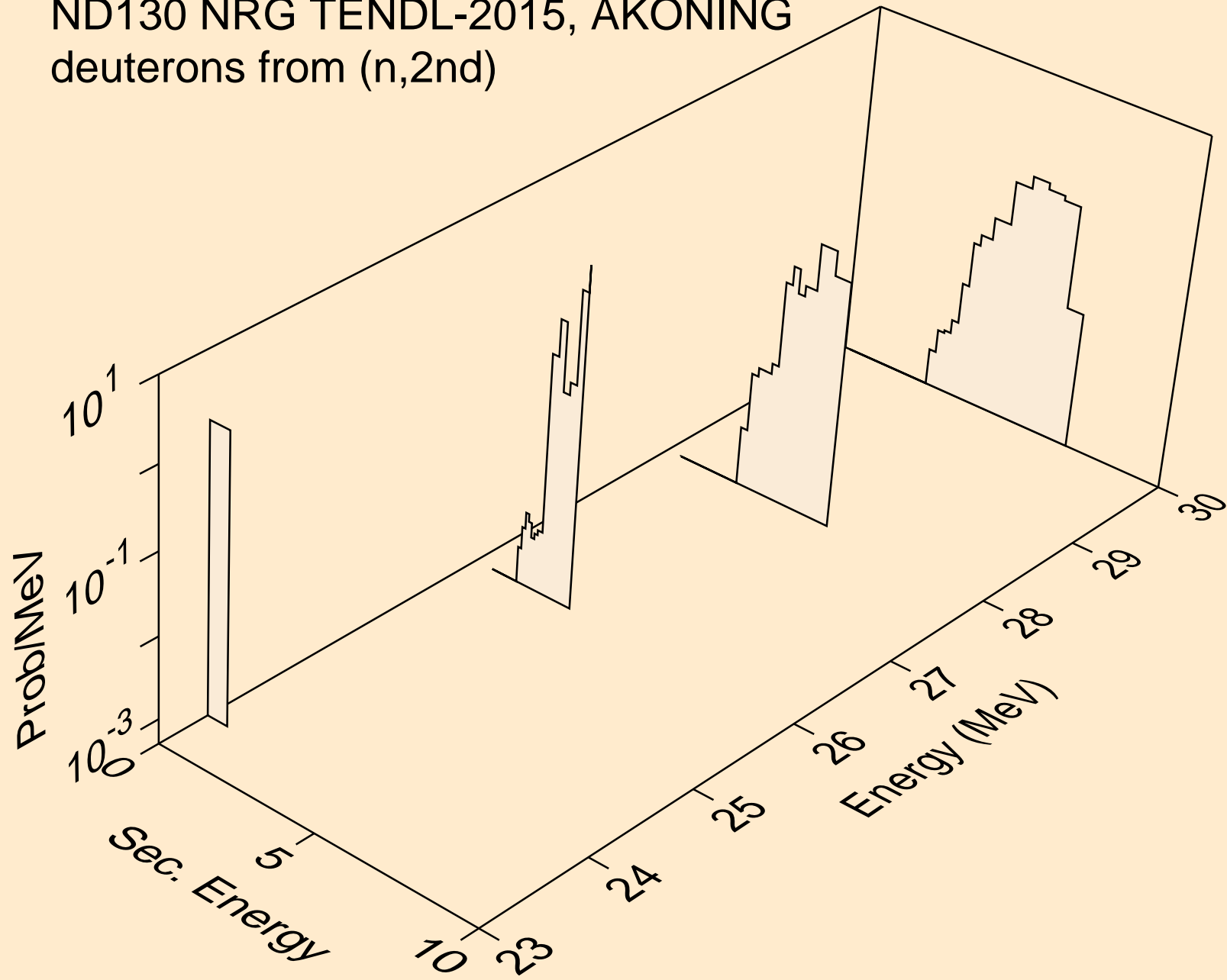
ND130 NRG TENDL-2015, AKONING  
protons from (n,pt)



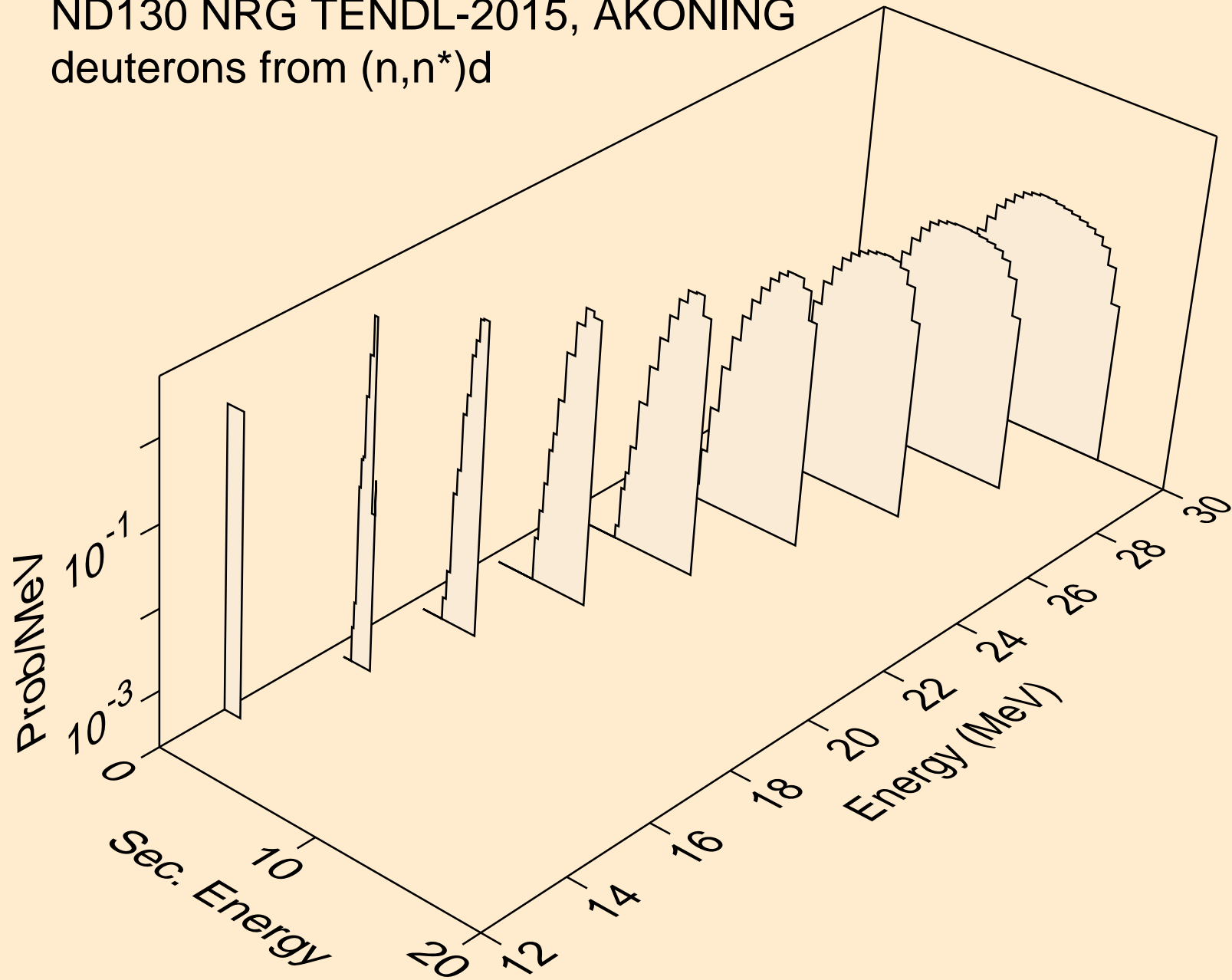
ND130 NRG TENDL-2015, AKONING  
deuterons from (n,x)



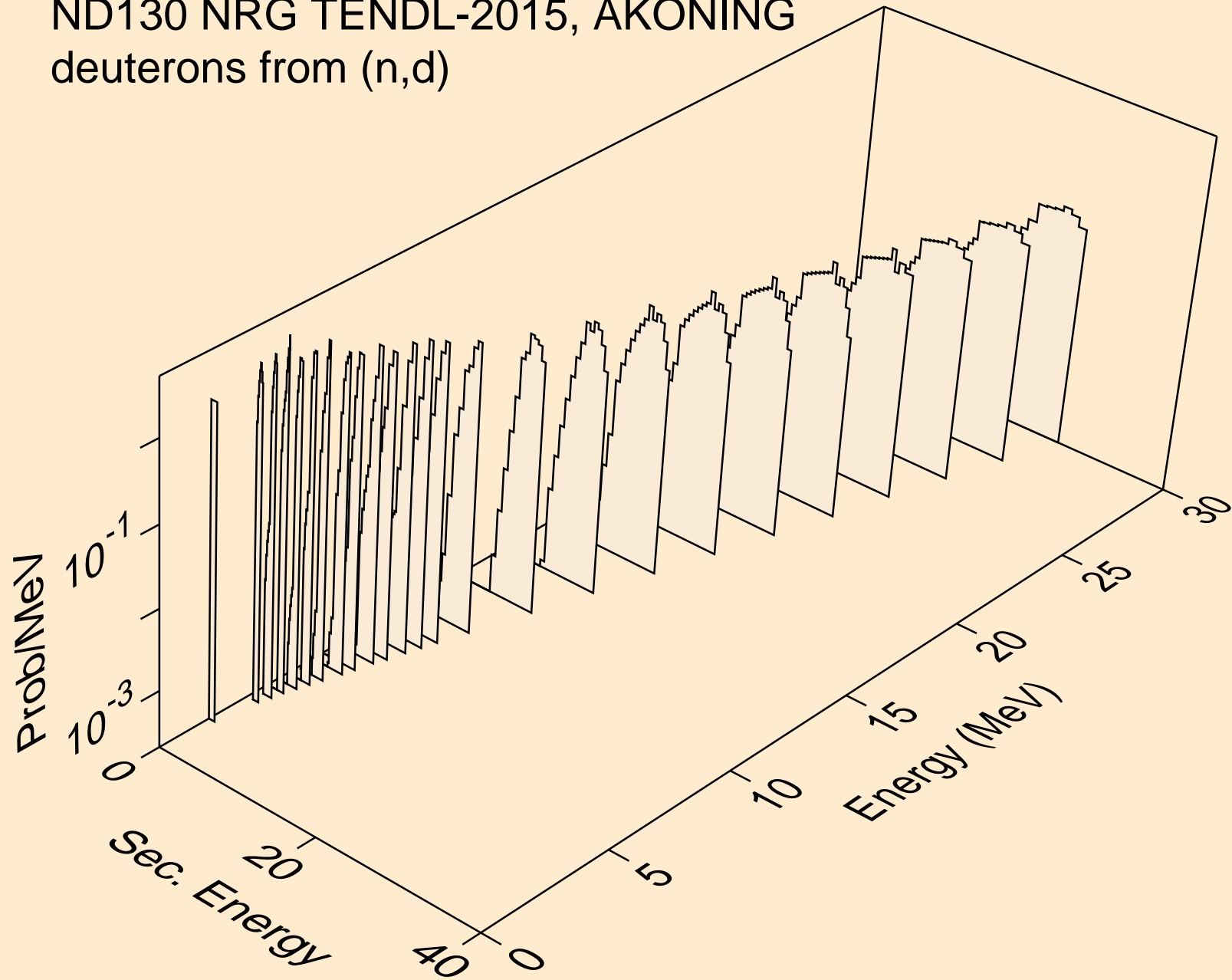
ND130 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



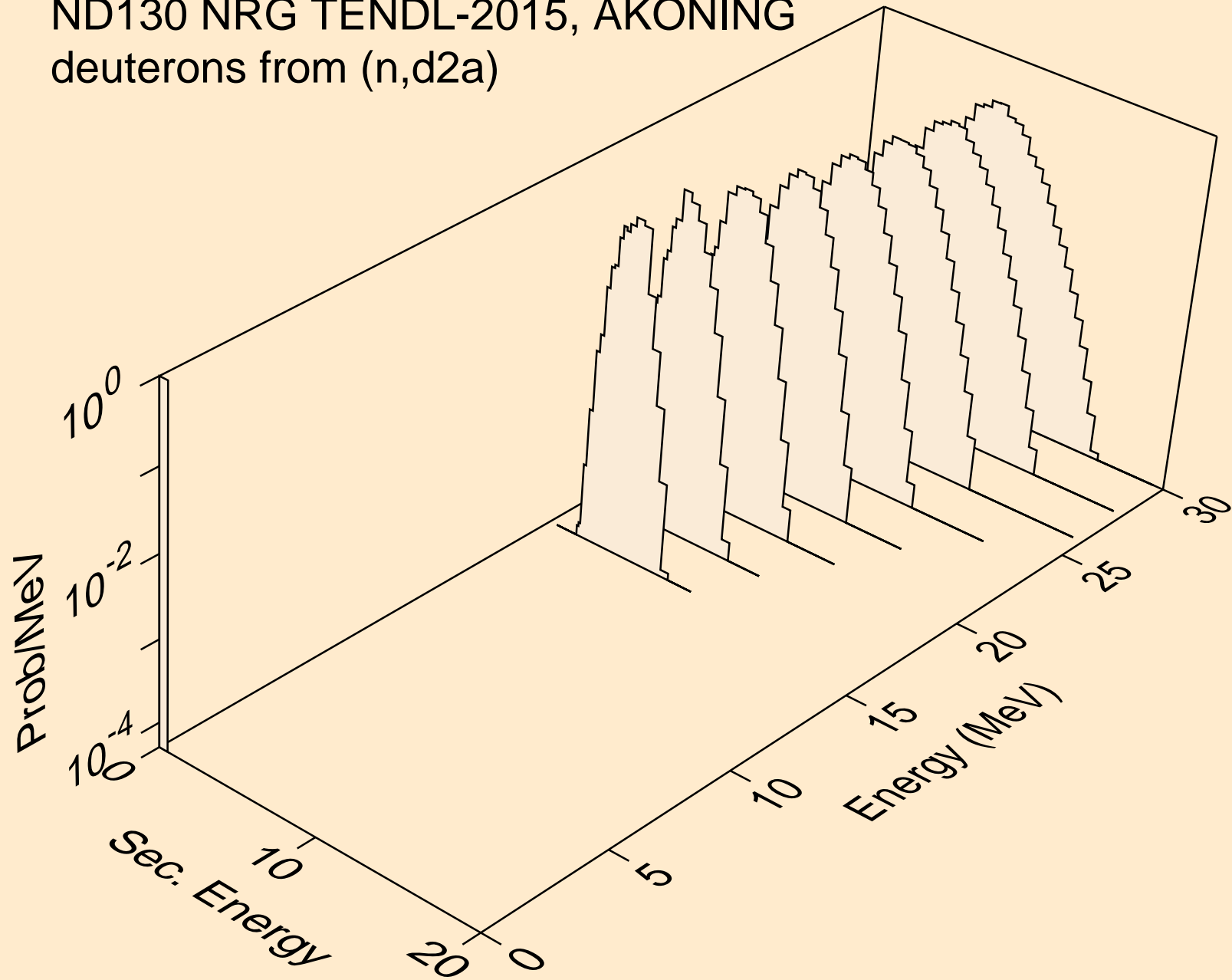
ND130 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



ND130 NRG TENDL-2015, AKONING  
deuterons from (n,d)

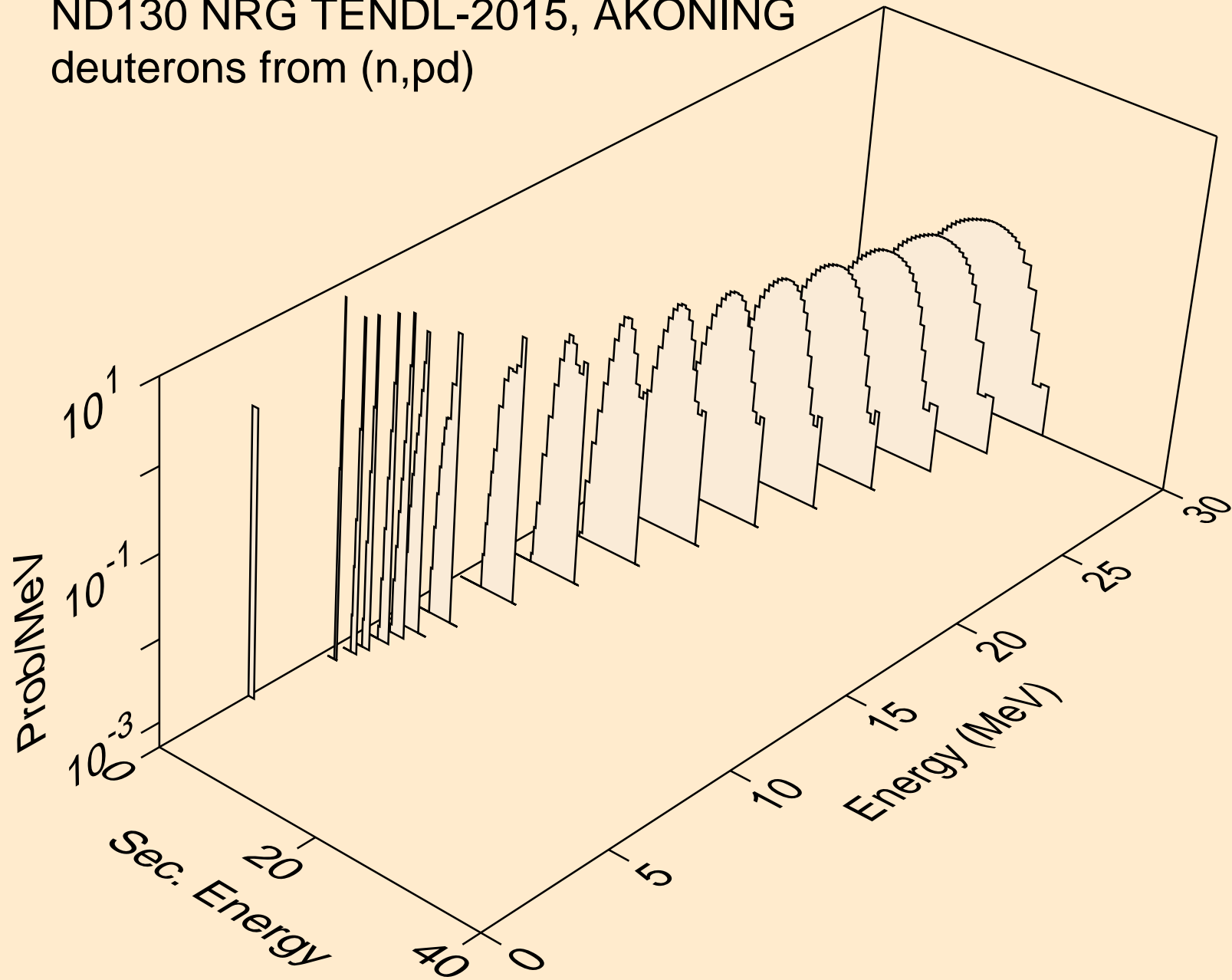


ND130 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

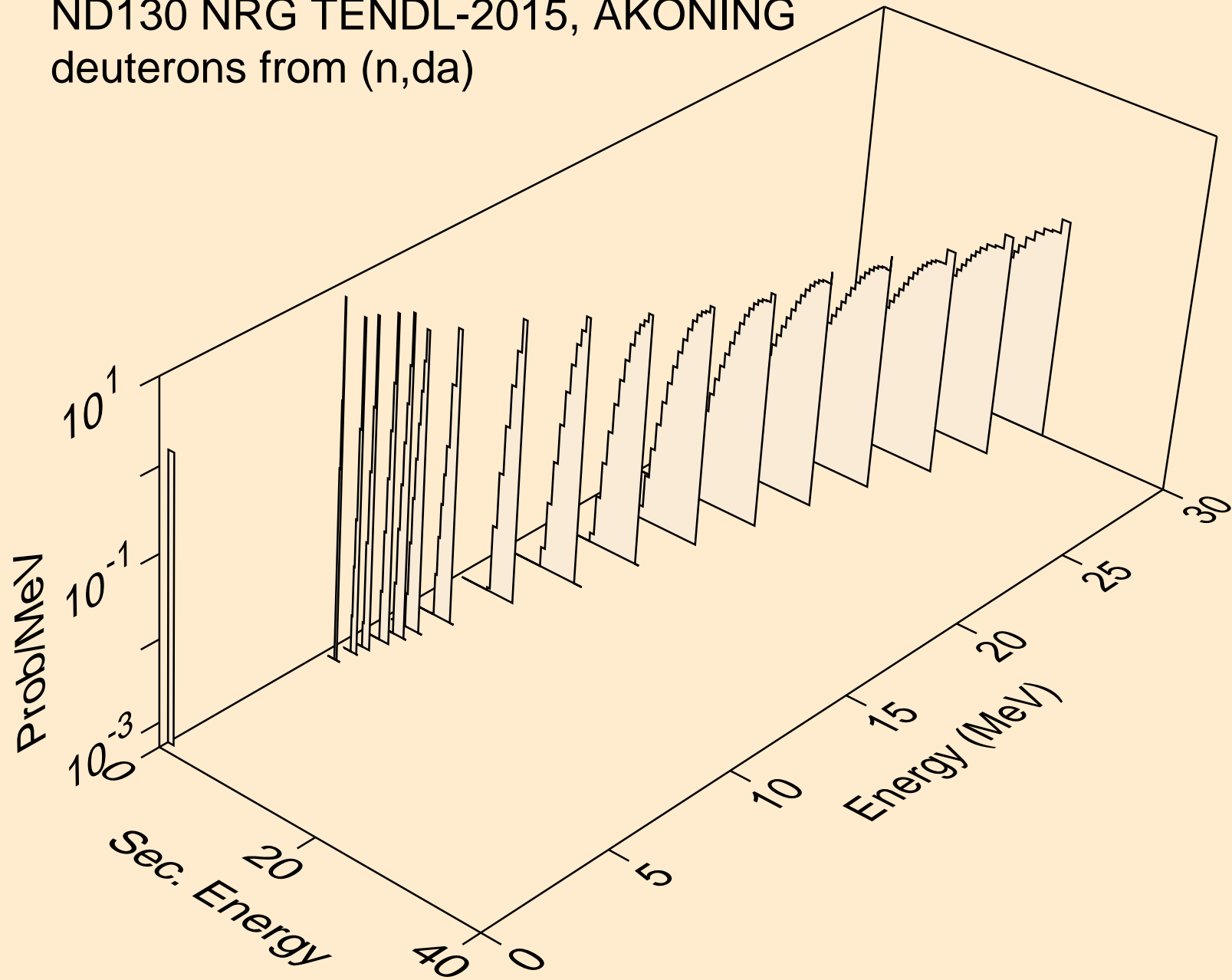




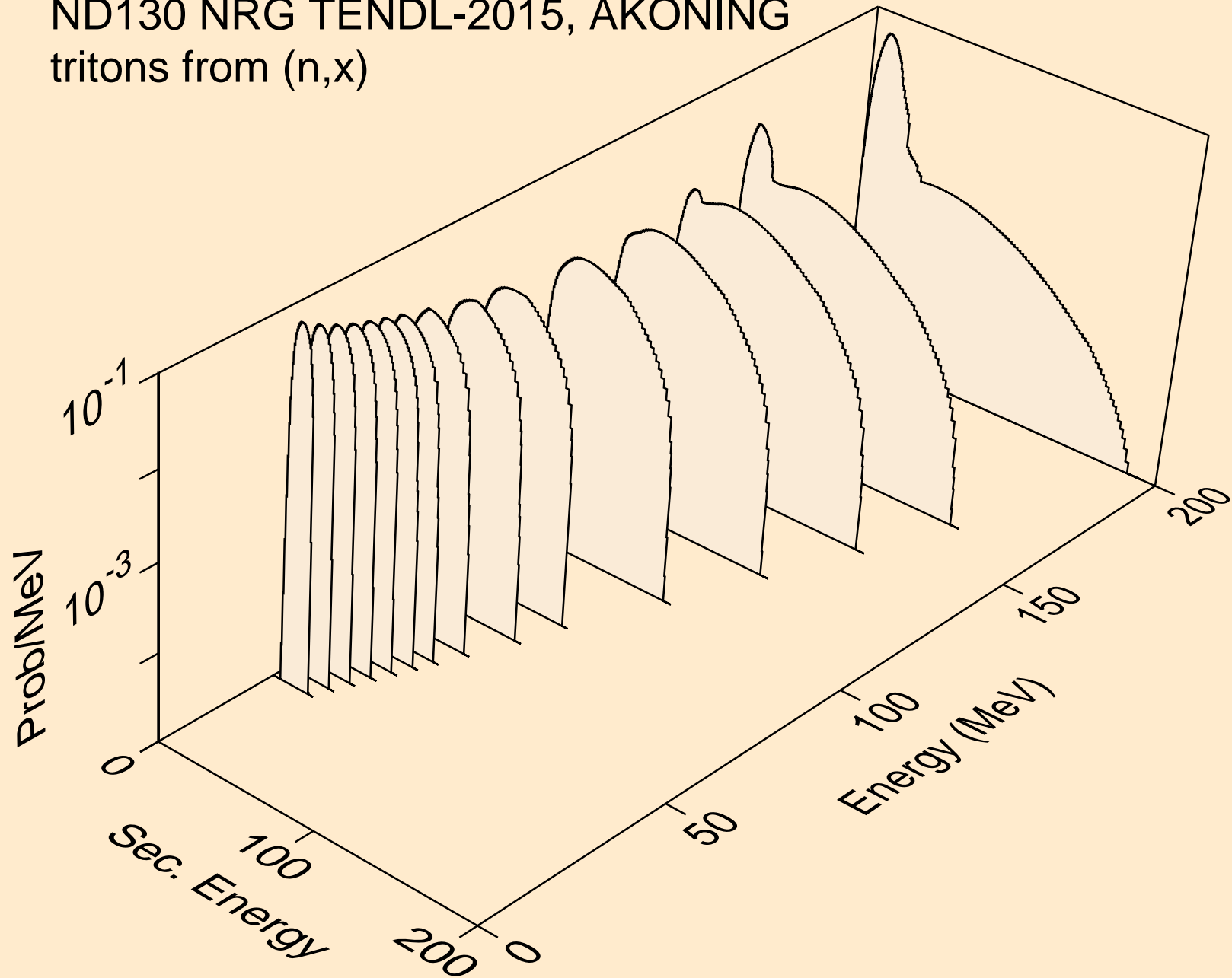
ND130 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



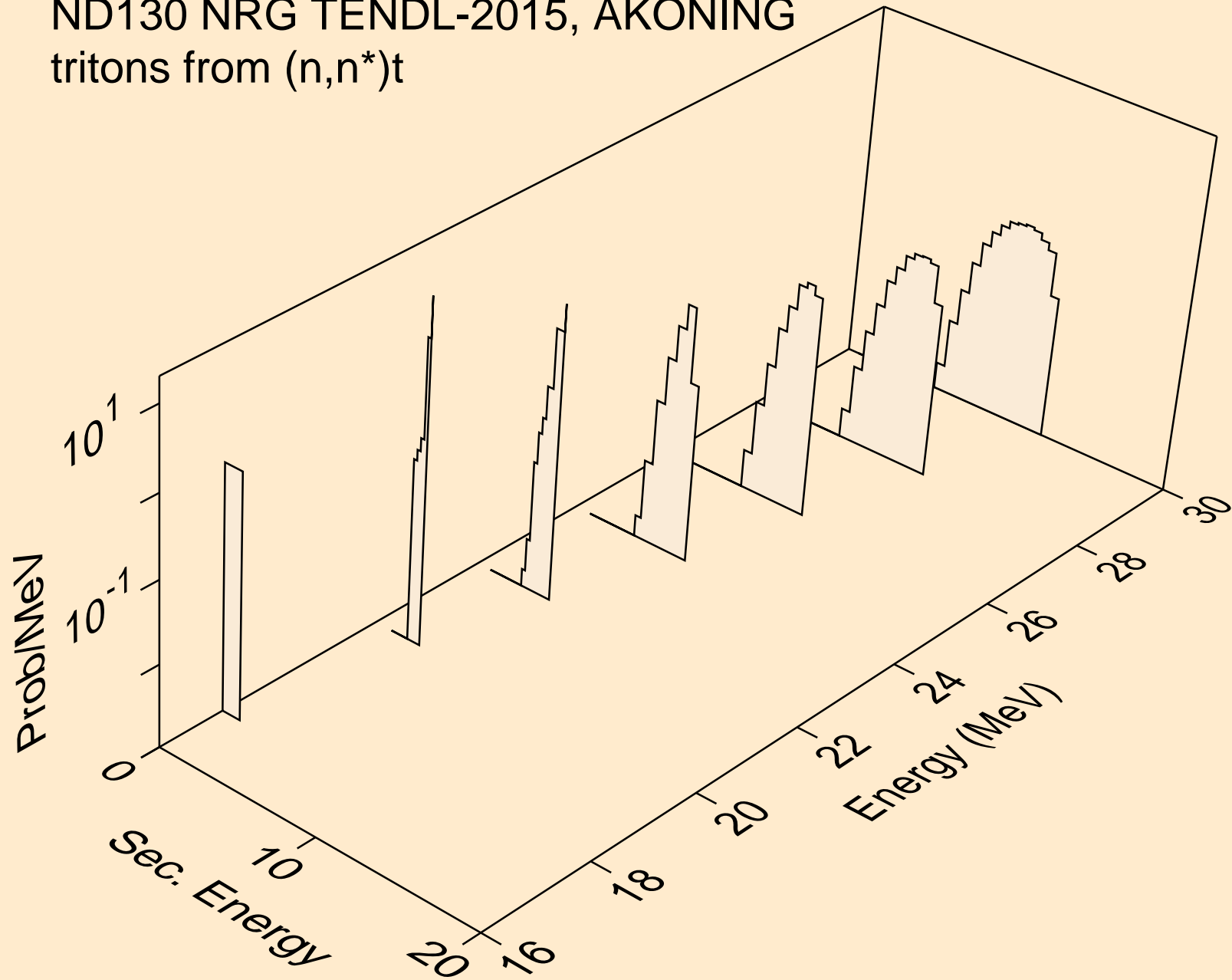
ND130 NRG TENDL-2015, AKONING  
deuterons from (n,da)



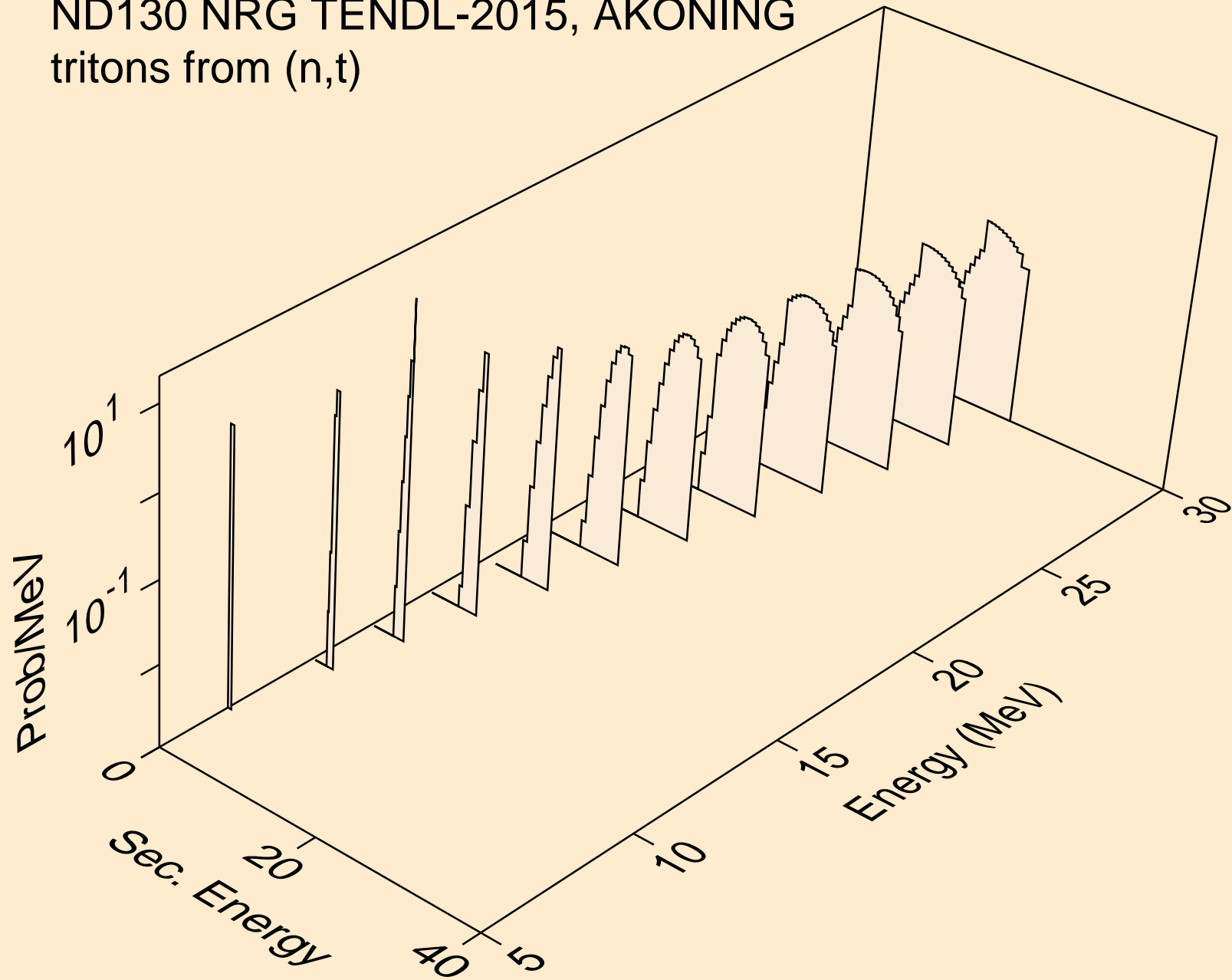
ND130 NRG TENDL-2015, AKONING  
tritons from (n,x)



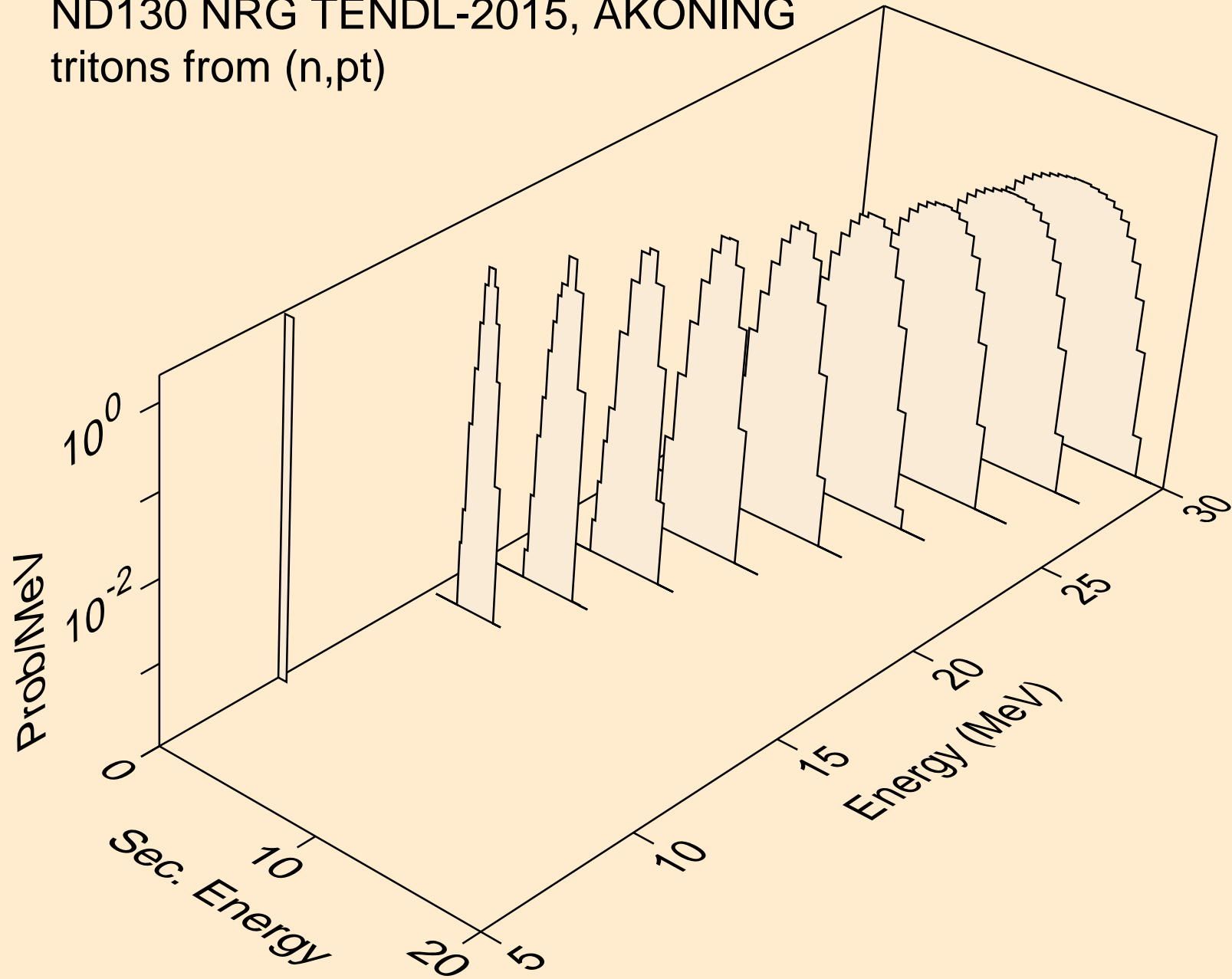
ND130 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



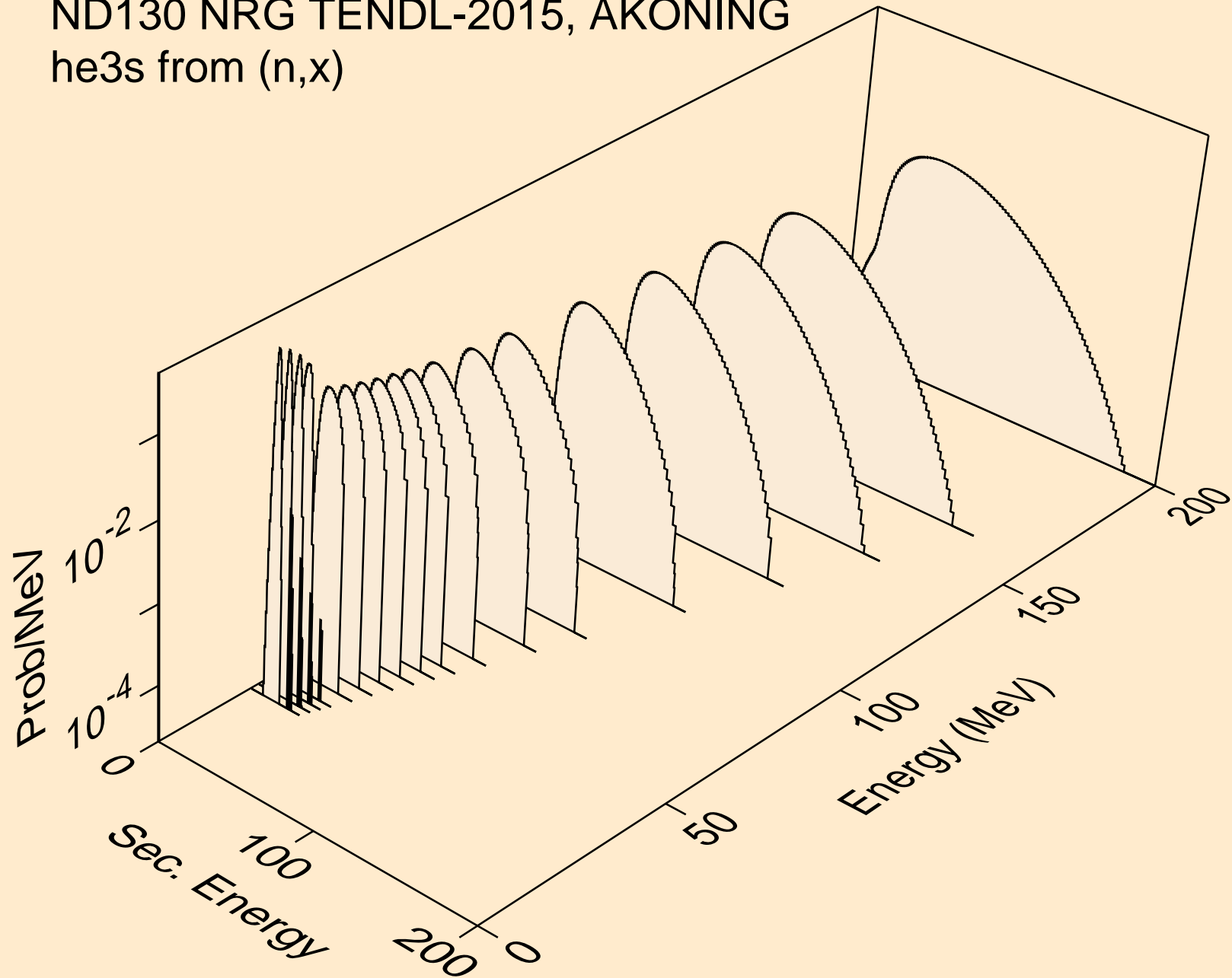
ND130 NRG TENDL-2015, AKONING  
tritons from (n,t)



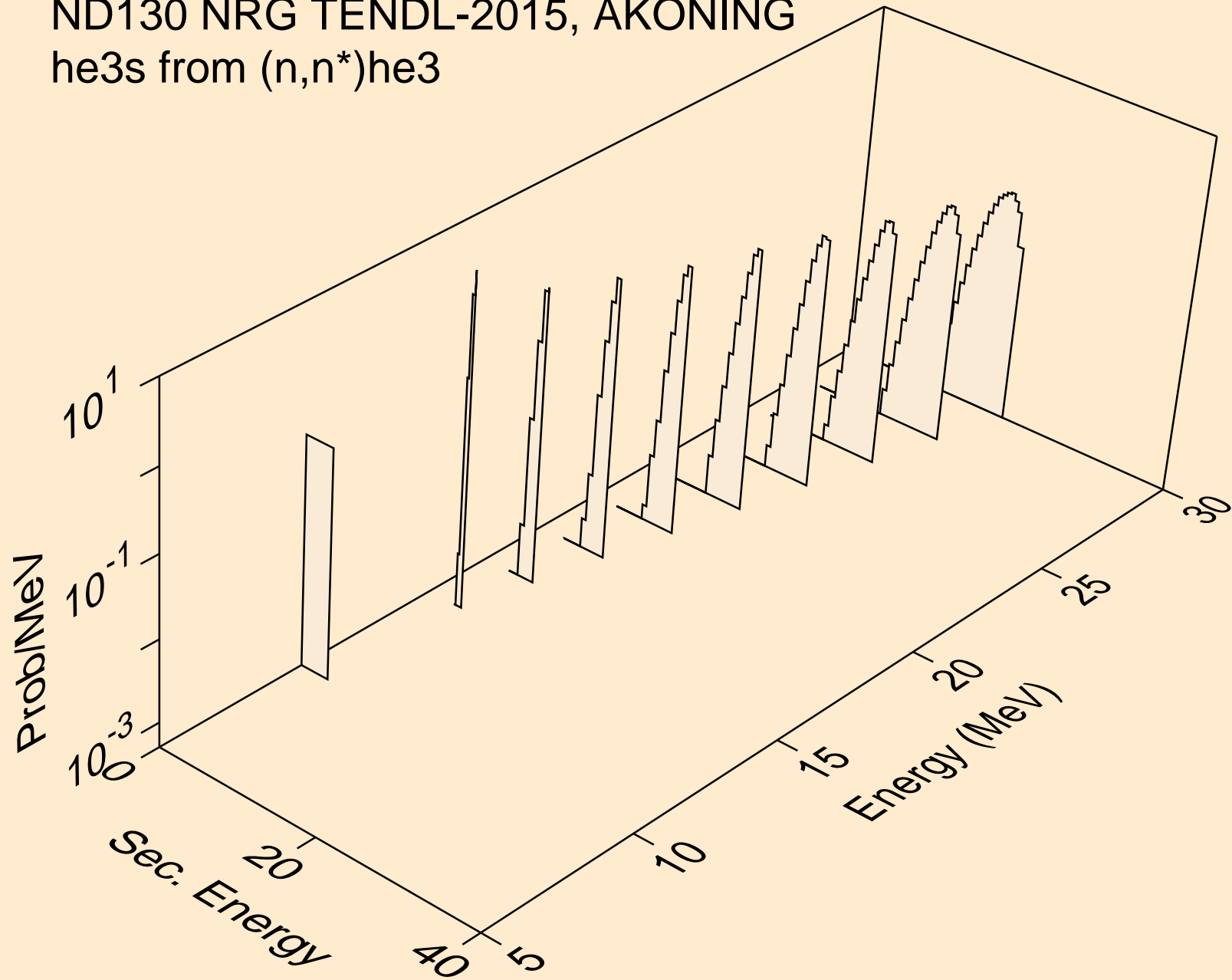
ND130 NRG TENDL-2015, AKONING  
tritons from (n,pt)



ND130 NRG TENDL-2015, AKONING  
he3s from (n,x)

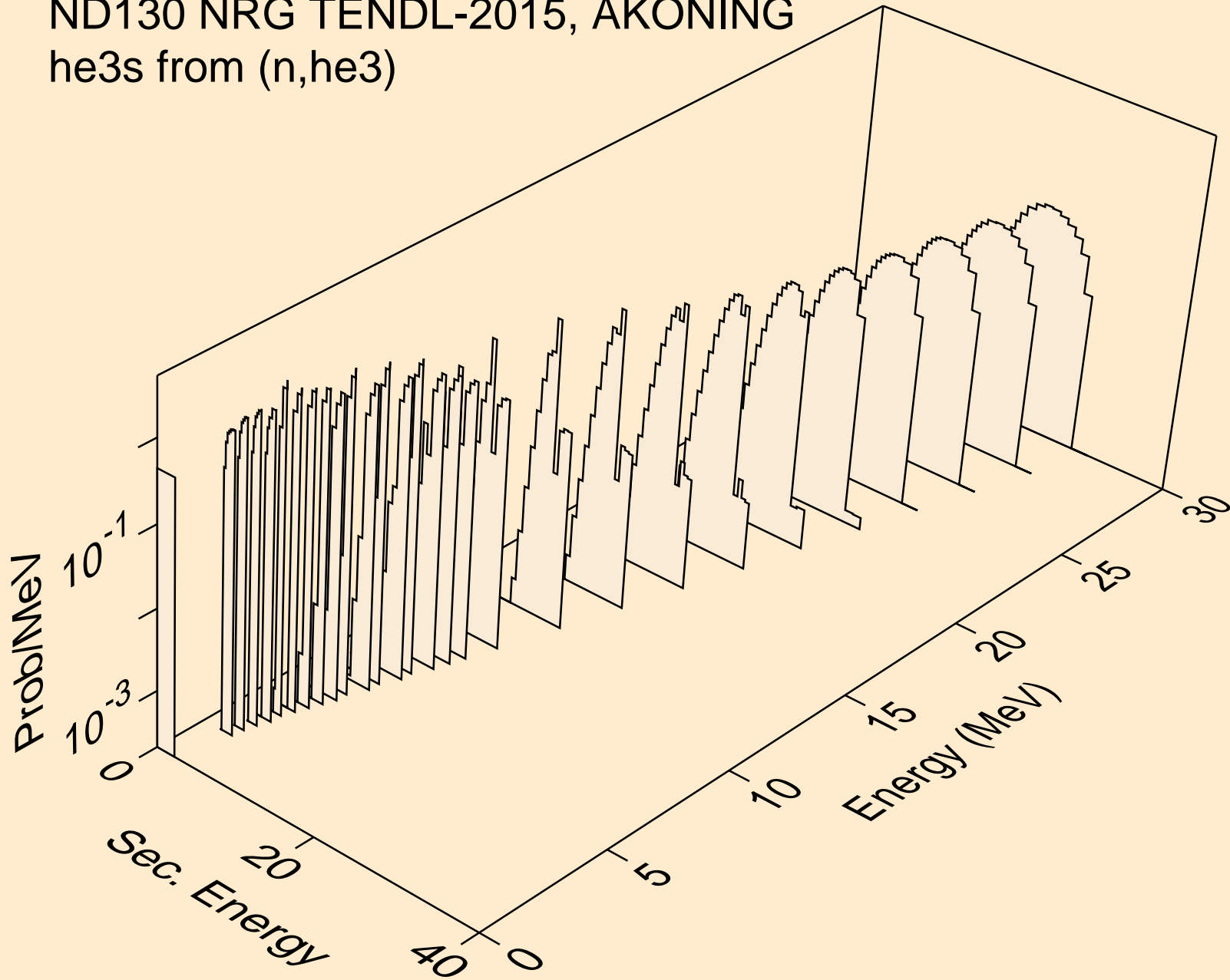


ND130 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

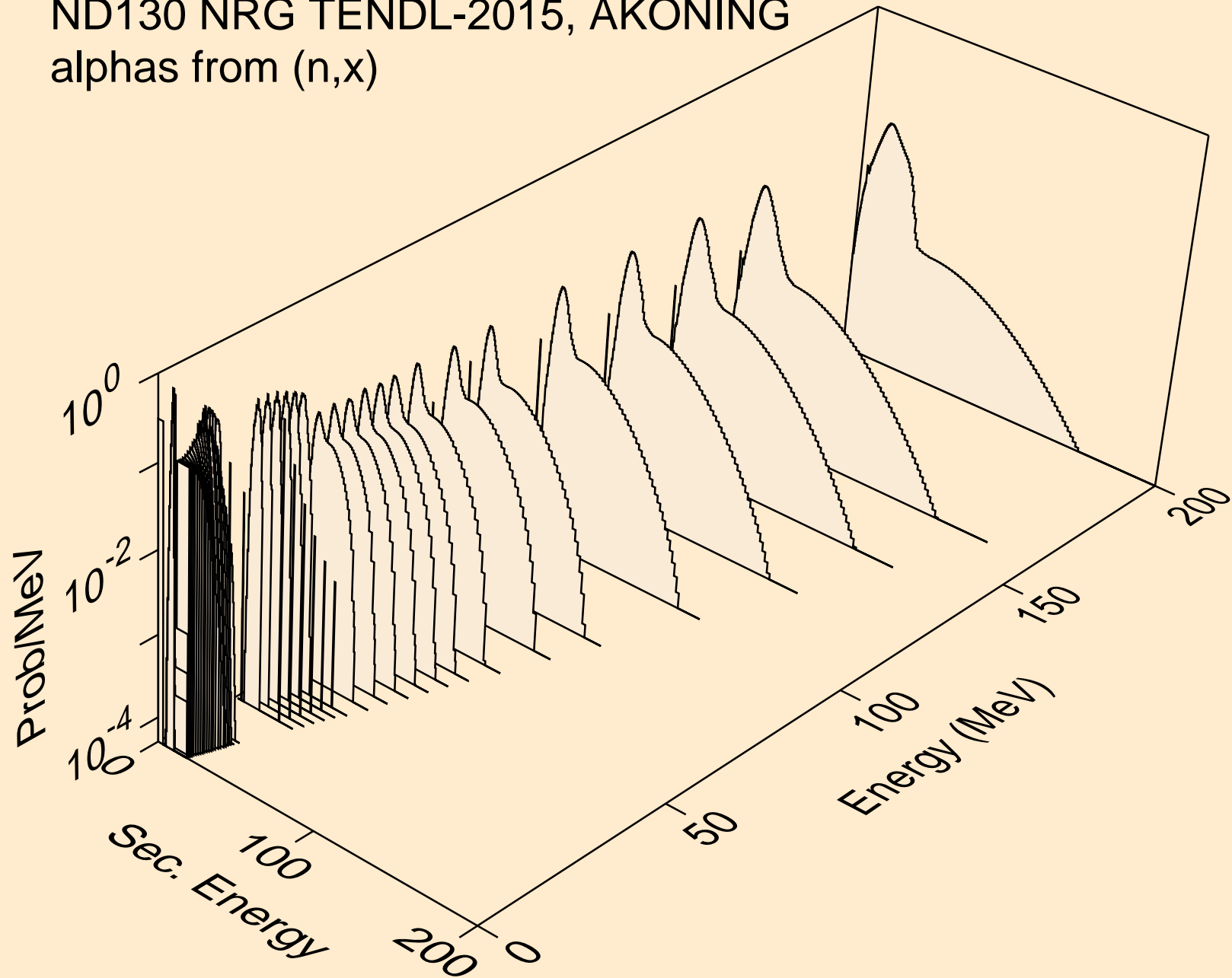




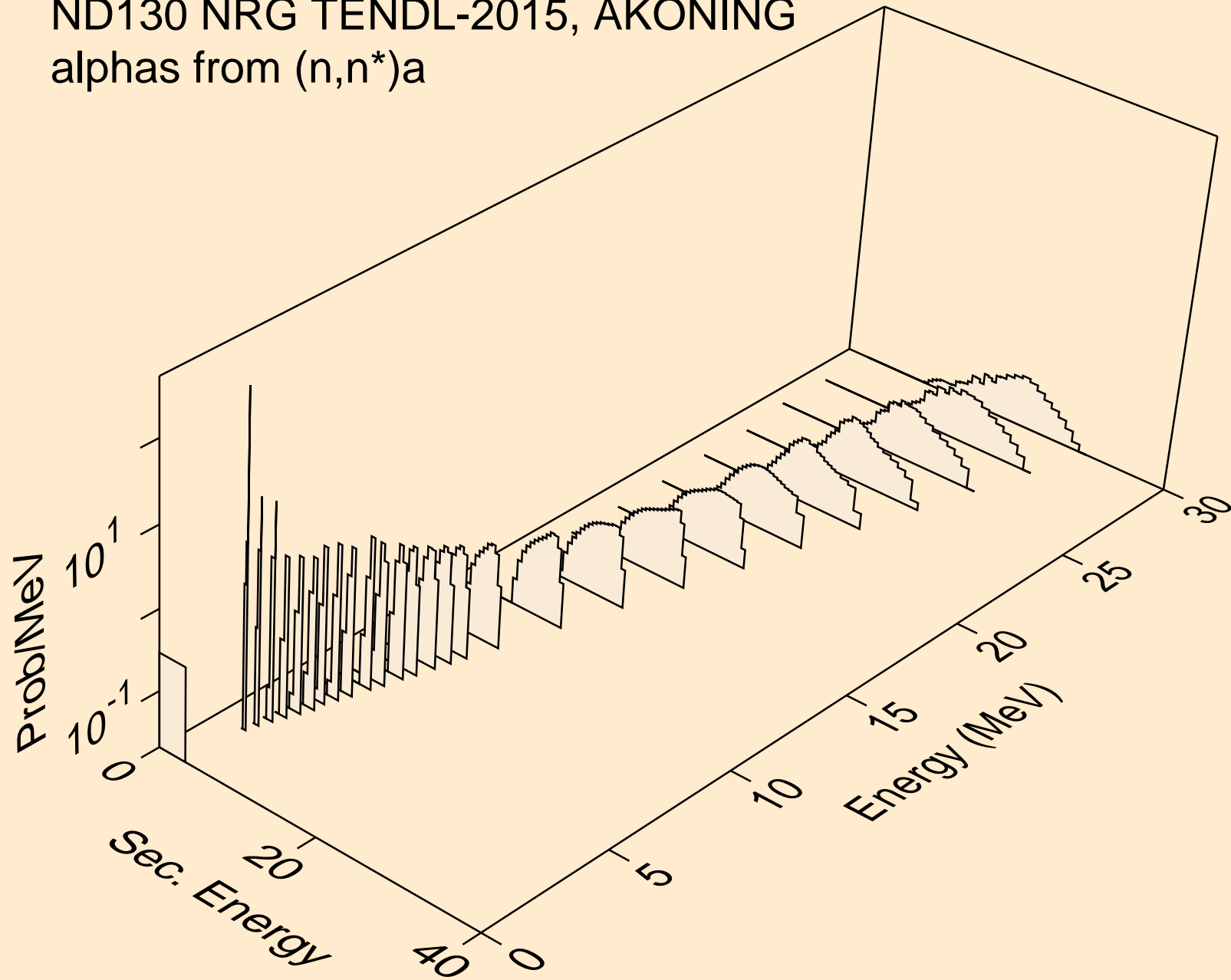
ND130 NRG TENDL-2015, AKONING  
he3s from (n,he3)



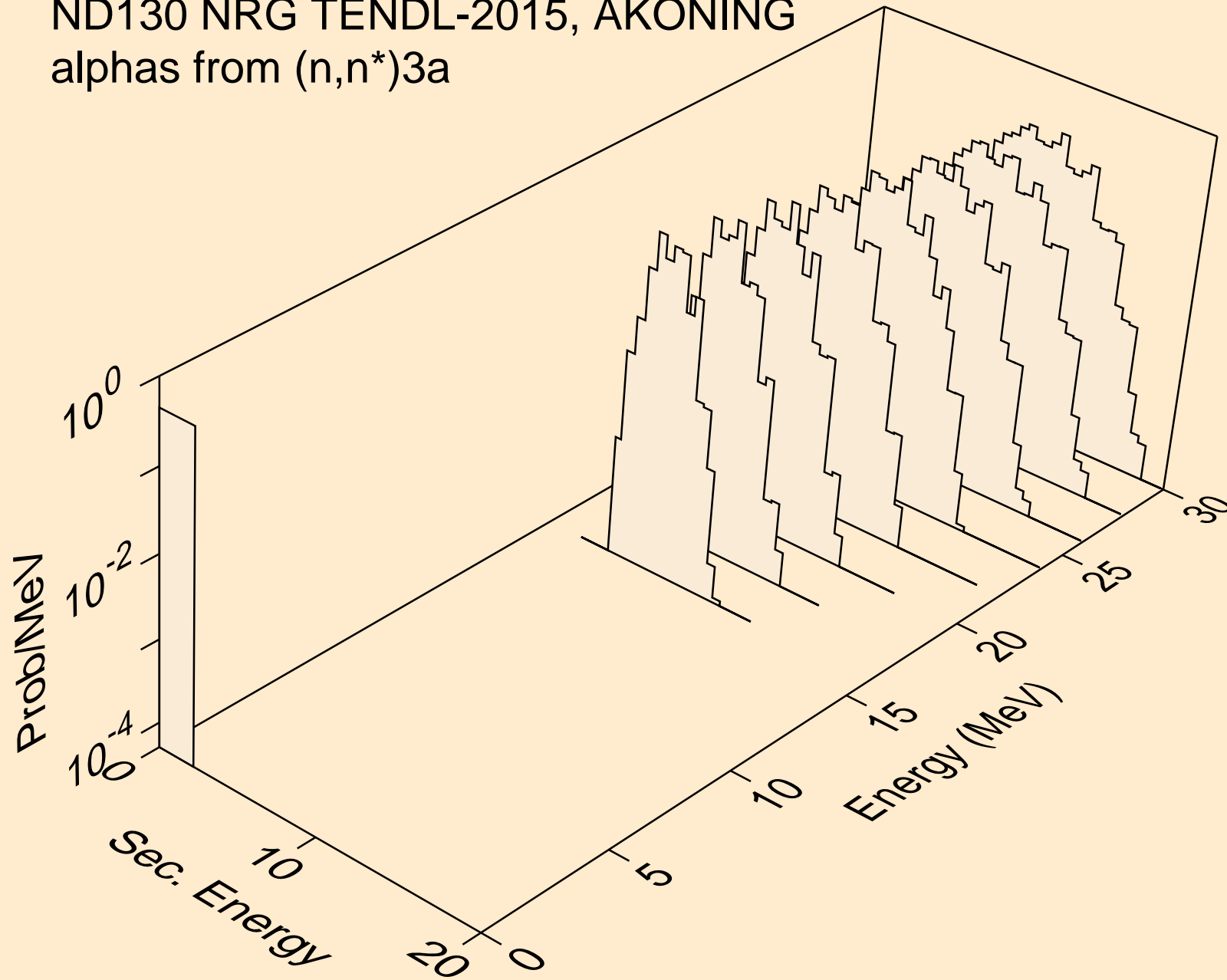
ND130 NRG TENDL-2015, AKONING  
alphas from (n,x)



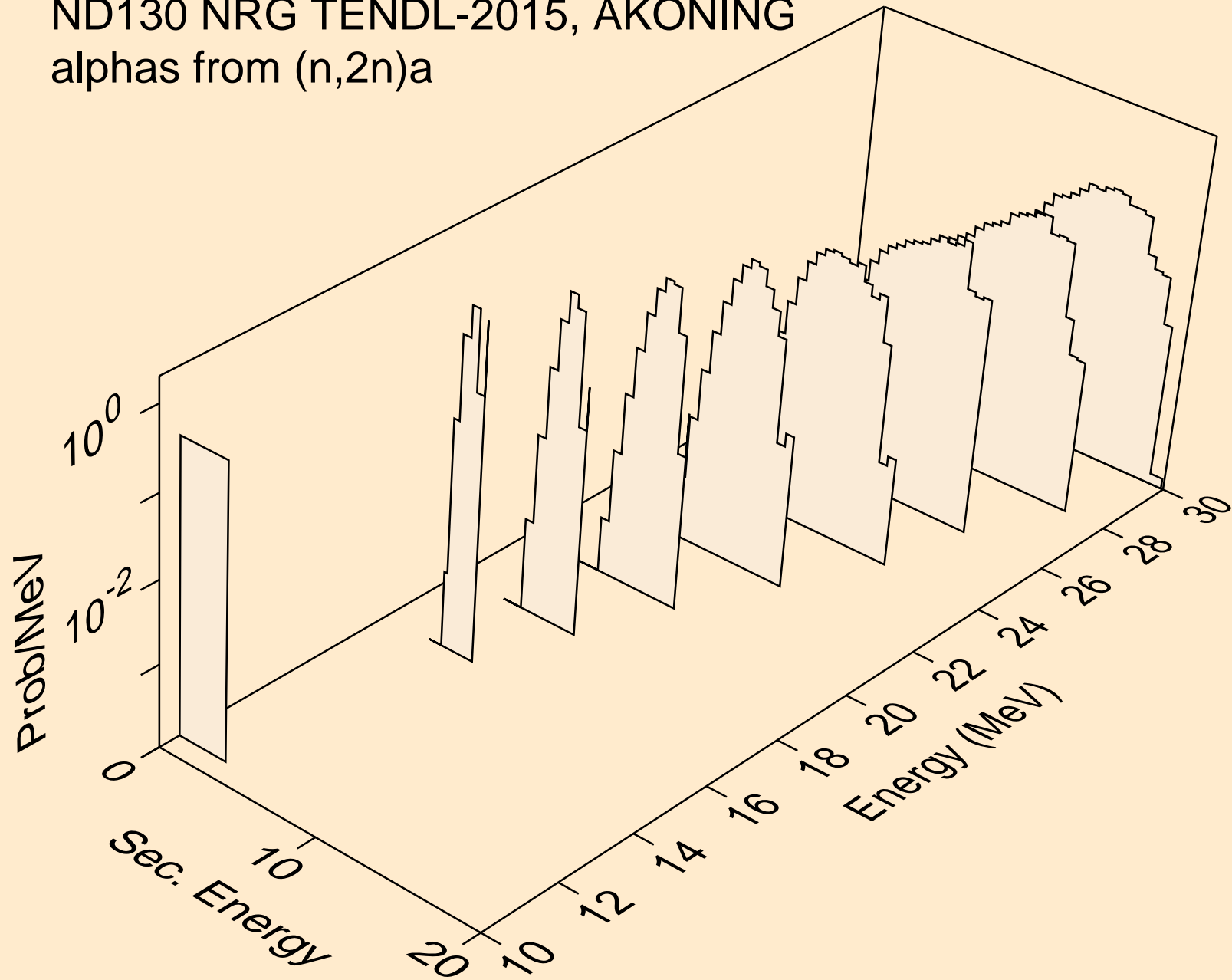
ND130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



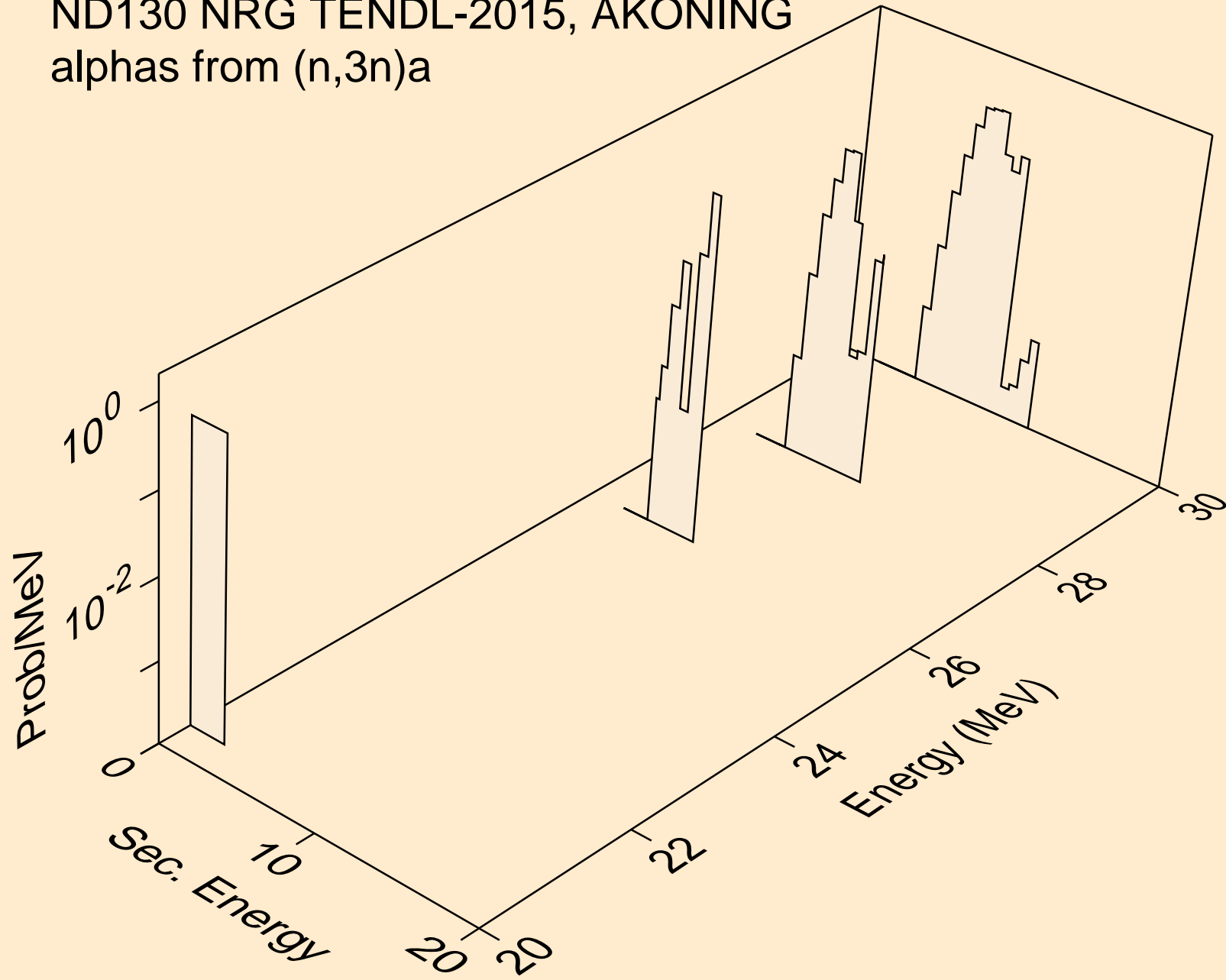
ND130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



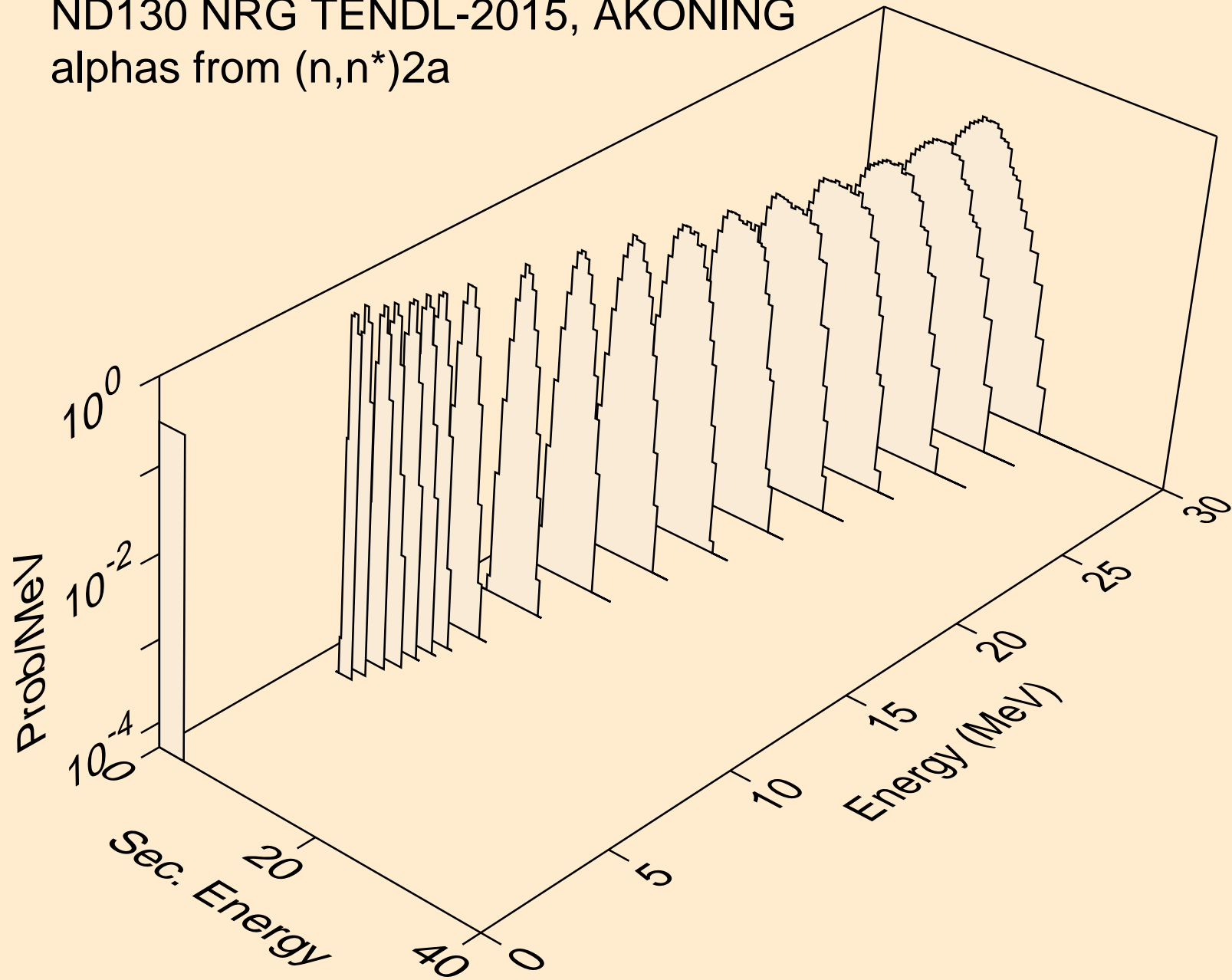
ND130 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



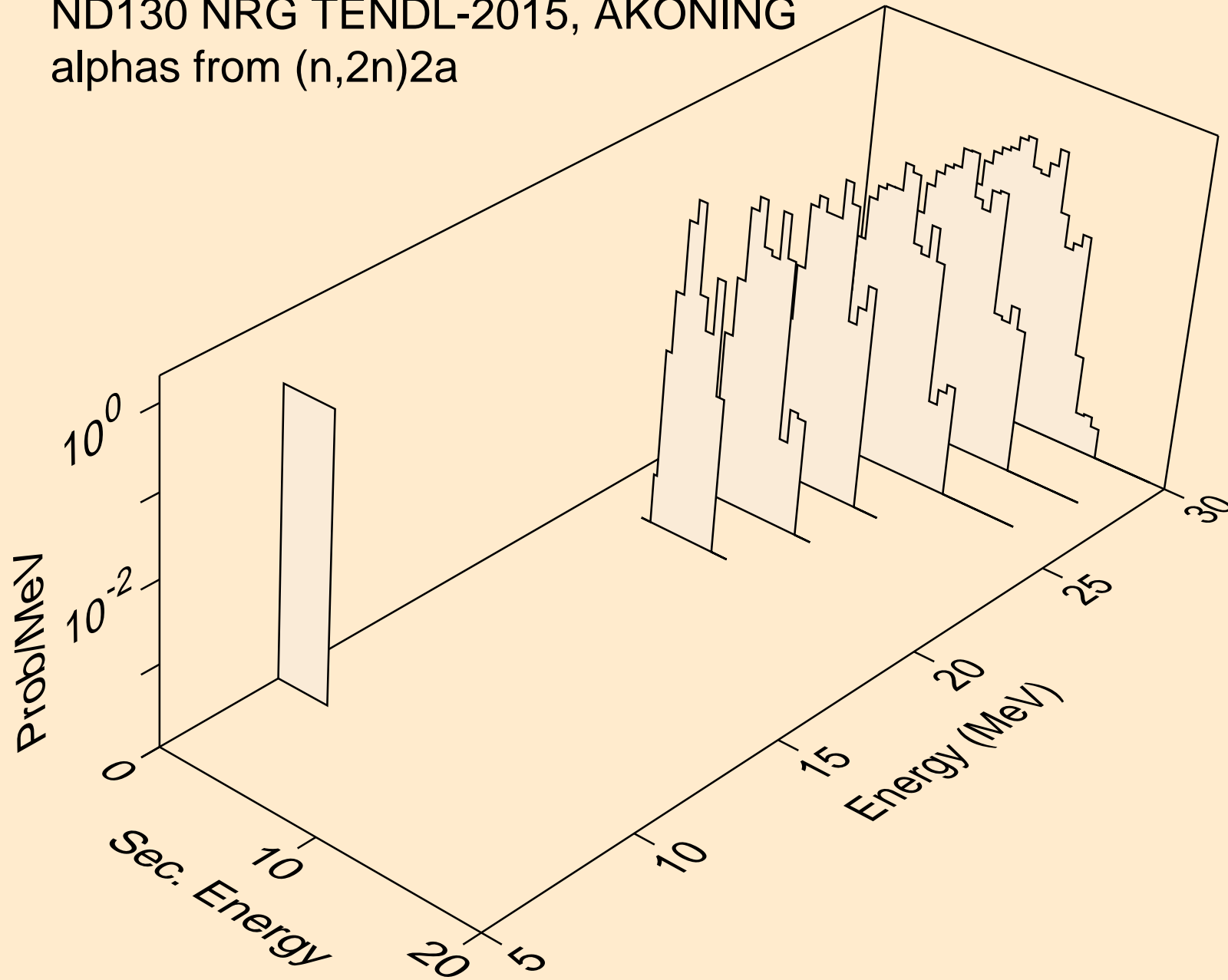
ND130 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ND130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

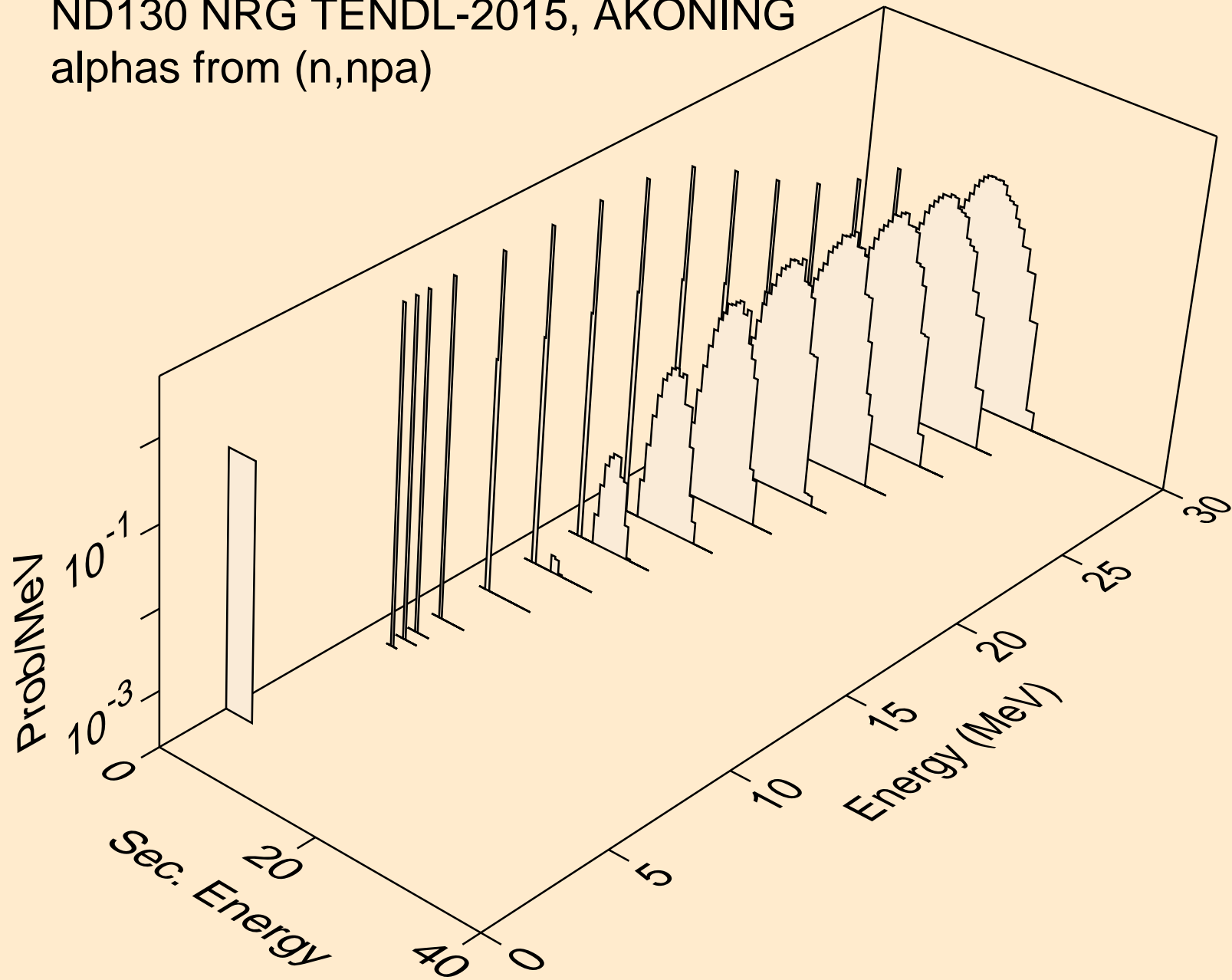


ND130 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

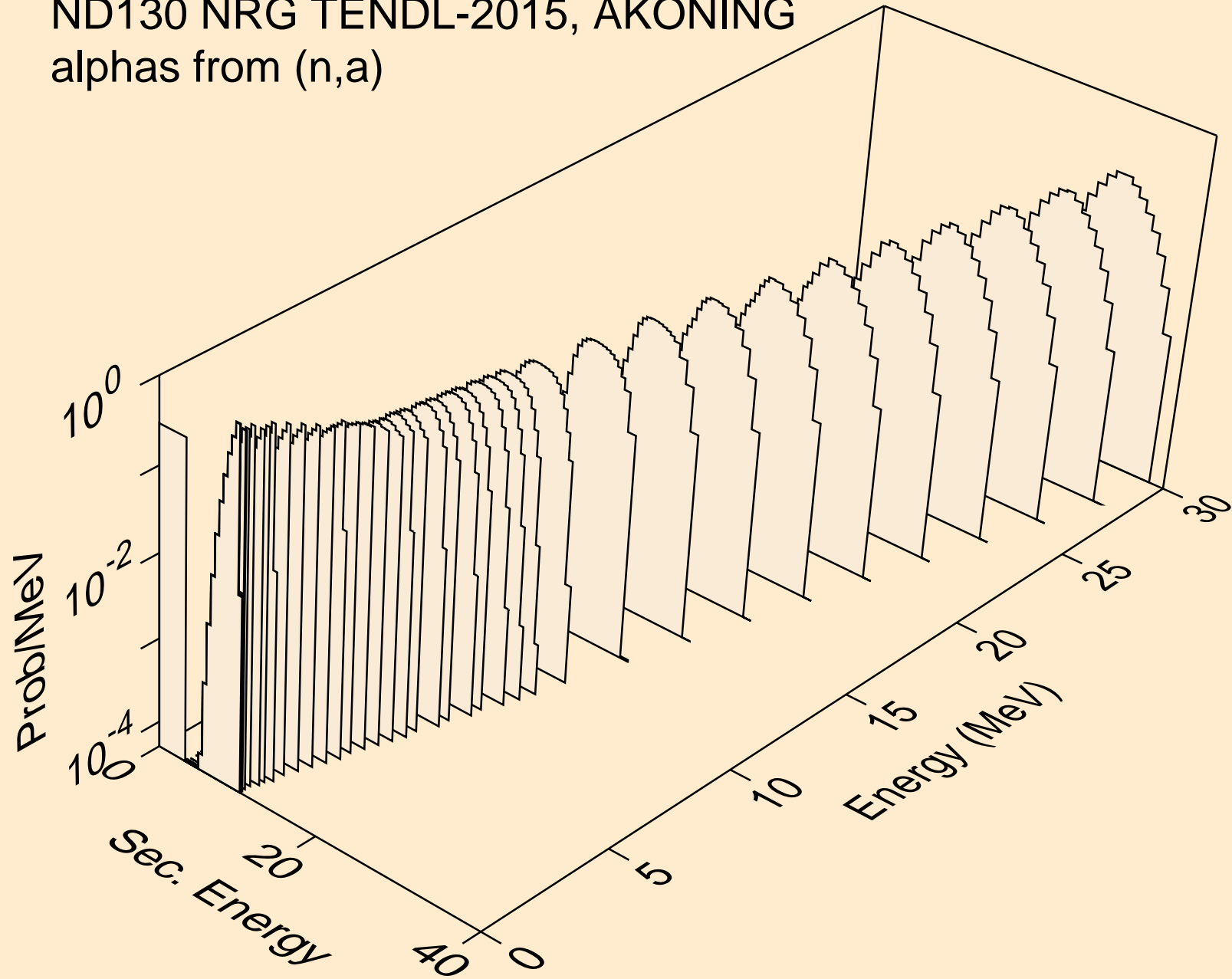




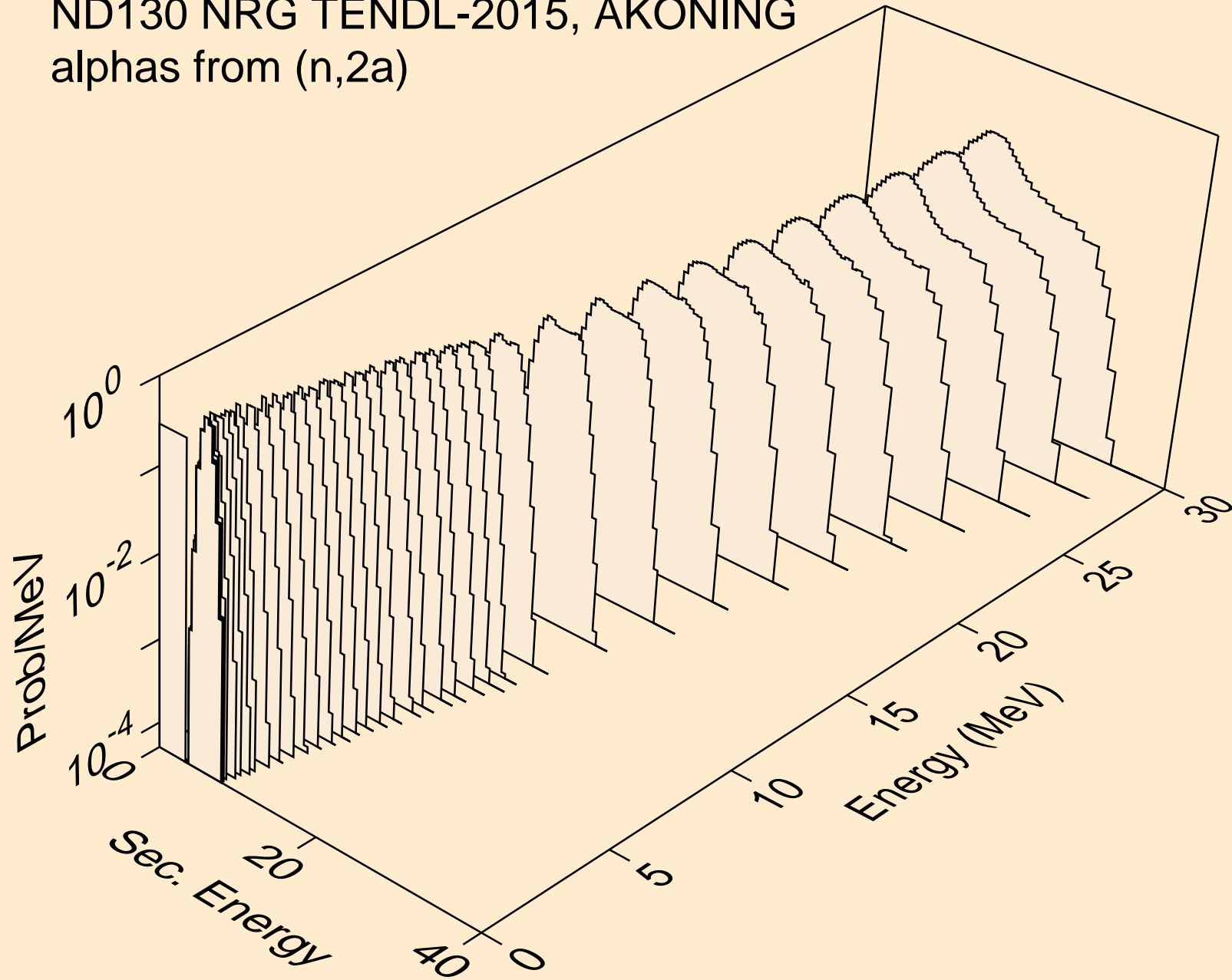
ND130 NRG TENDL-2015, AKONING  
alphas from (n,npa)



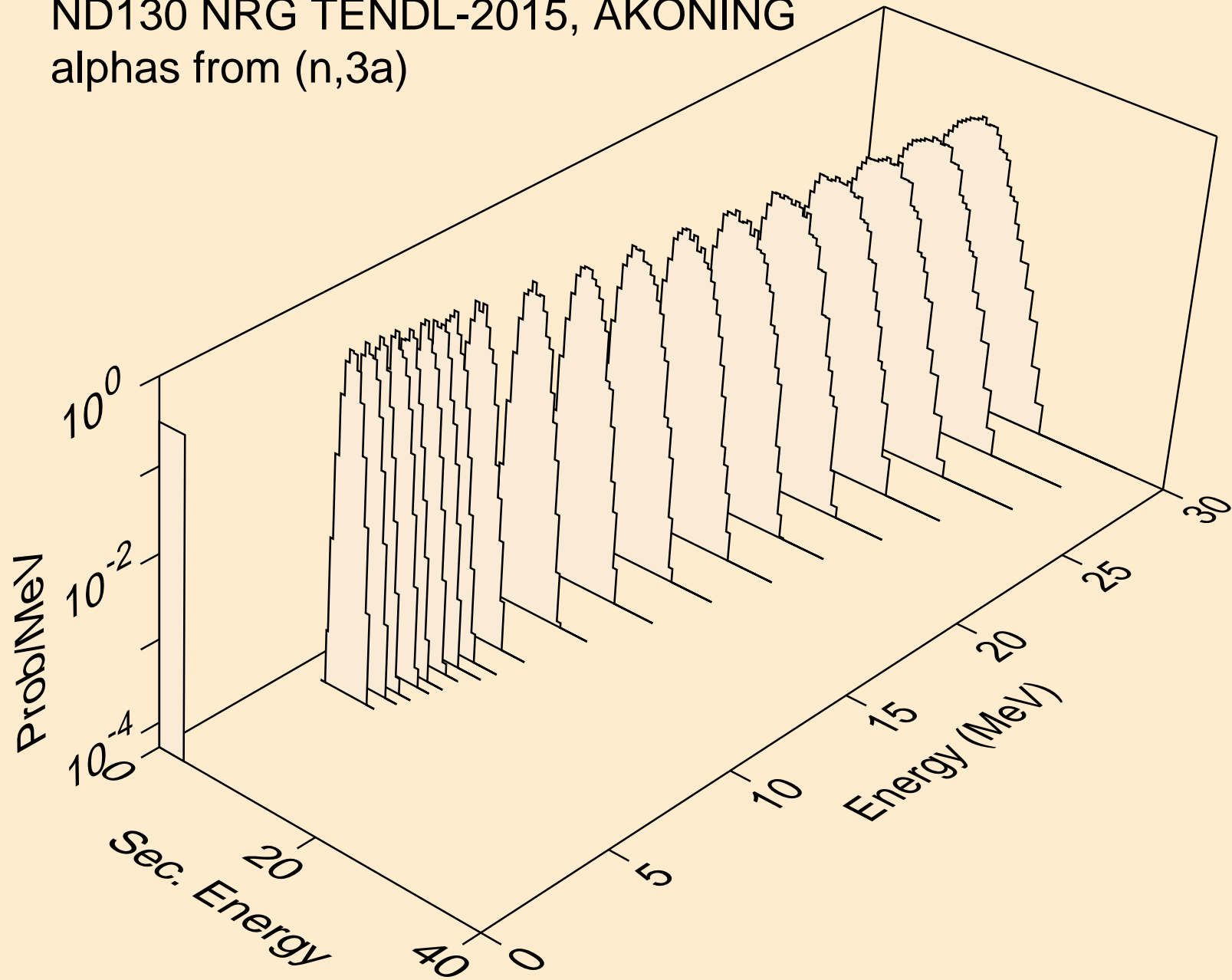
ND130 NRG TENDL-2015, AKONING  
alphas from (n,a)



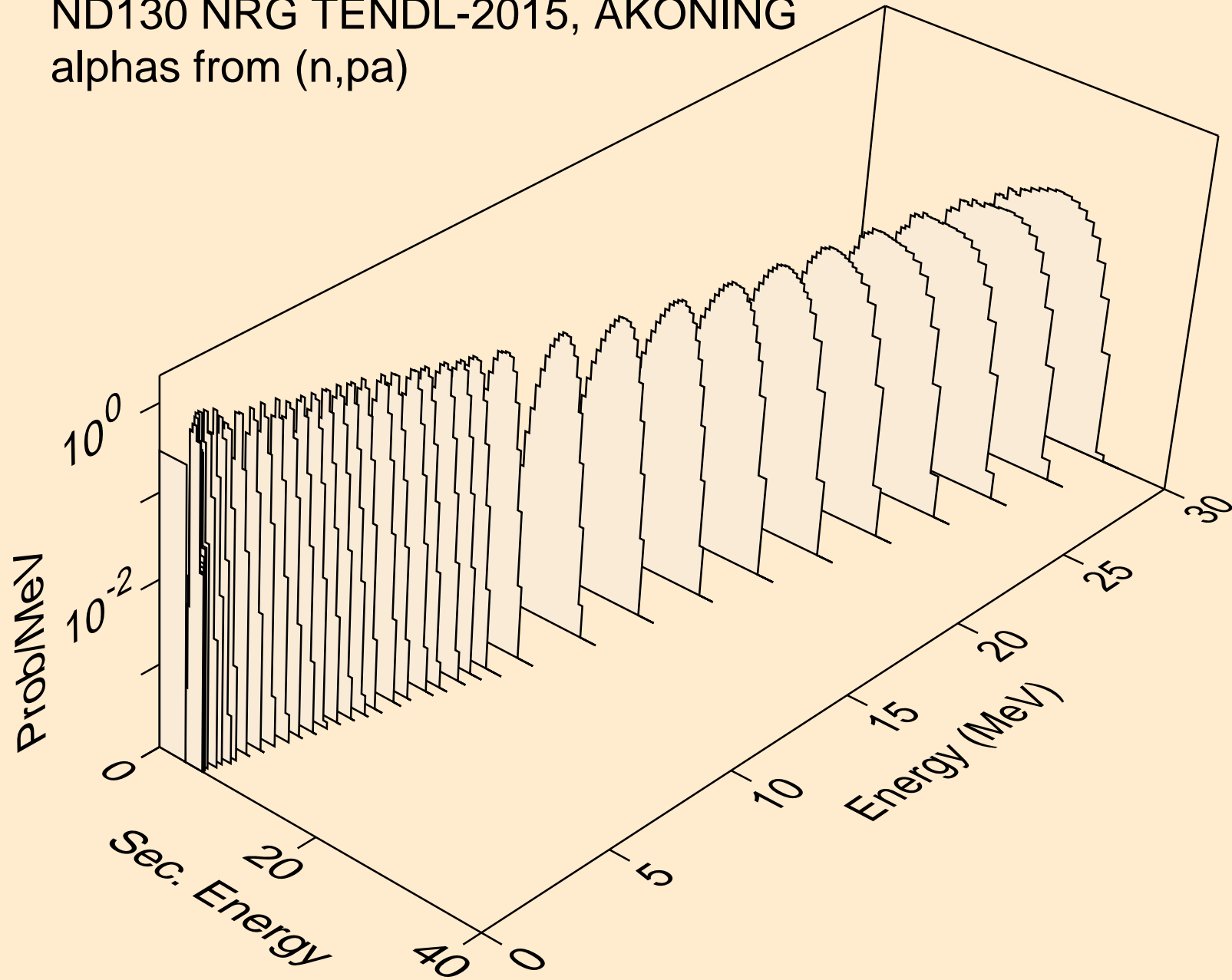
ND130 NRG TENDL-2015, AKONING  
alphas from (n,2a)



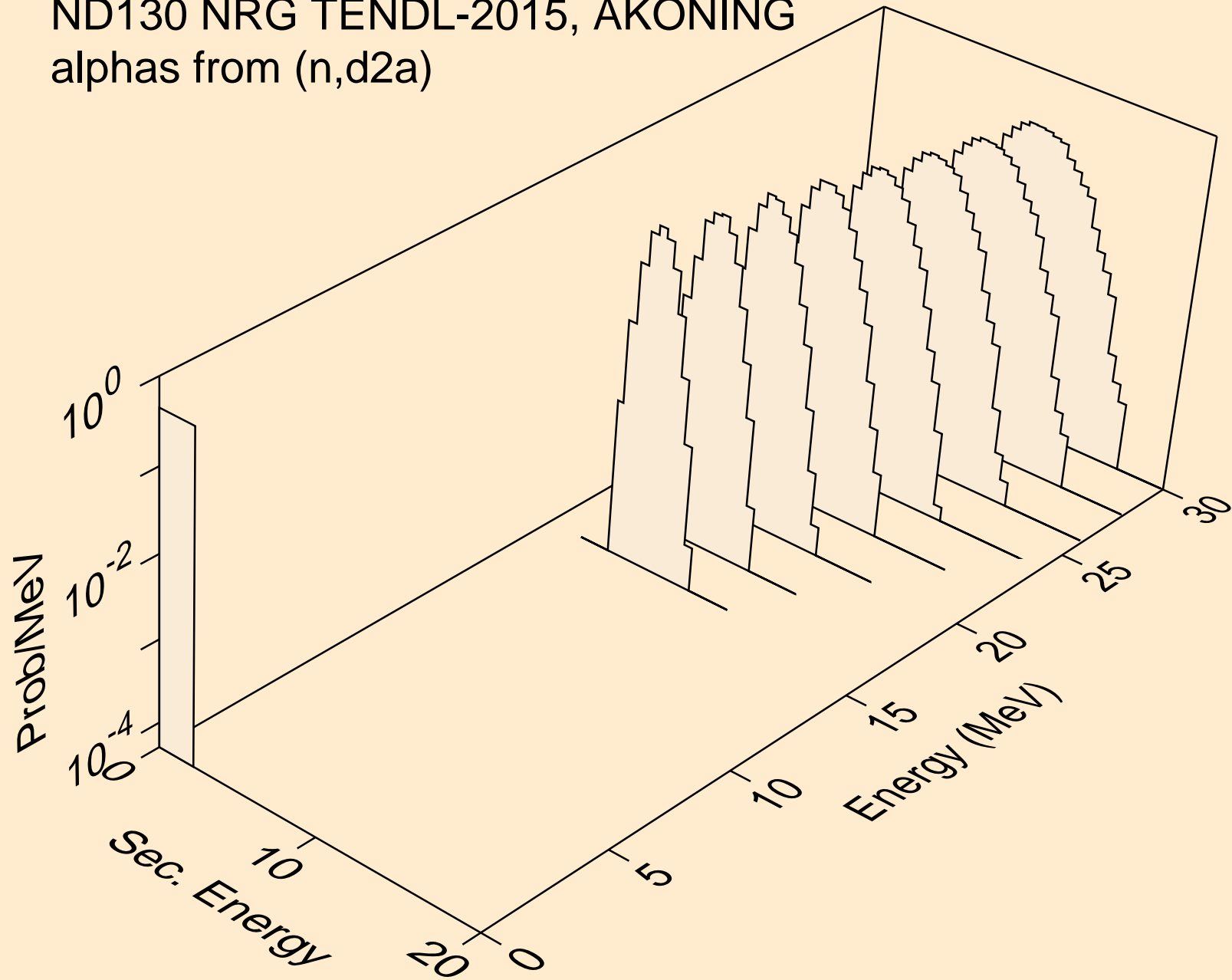
ND130 NRG TENDL-2015, AKONING  
alphas from (n,3a)



ND130 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ND130 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



ND130 NRG TENDL-2015, AKONING  
alphas from (n,da)

