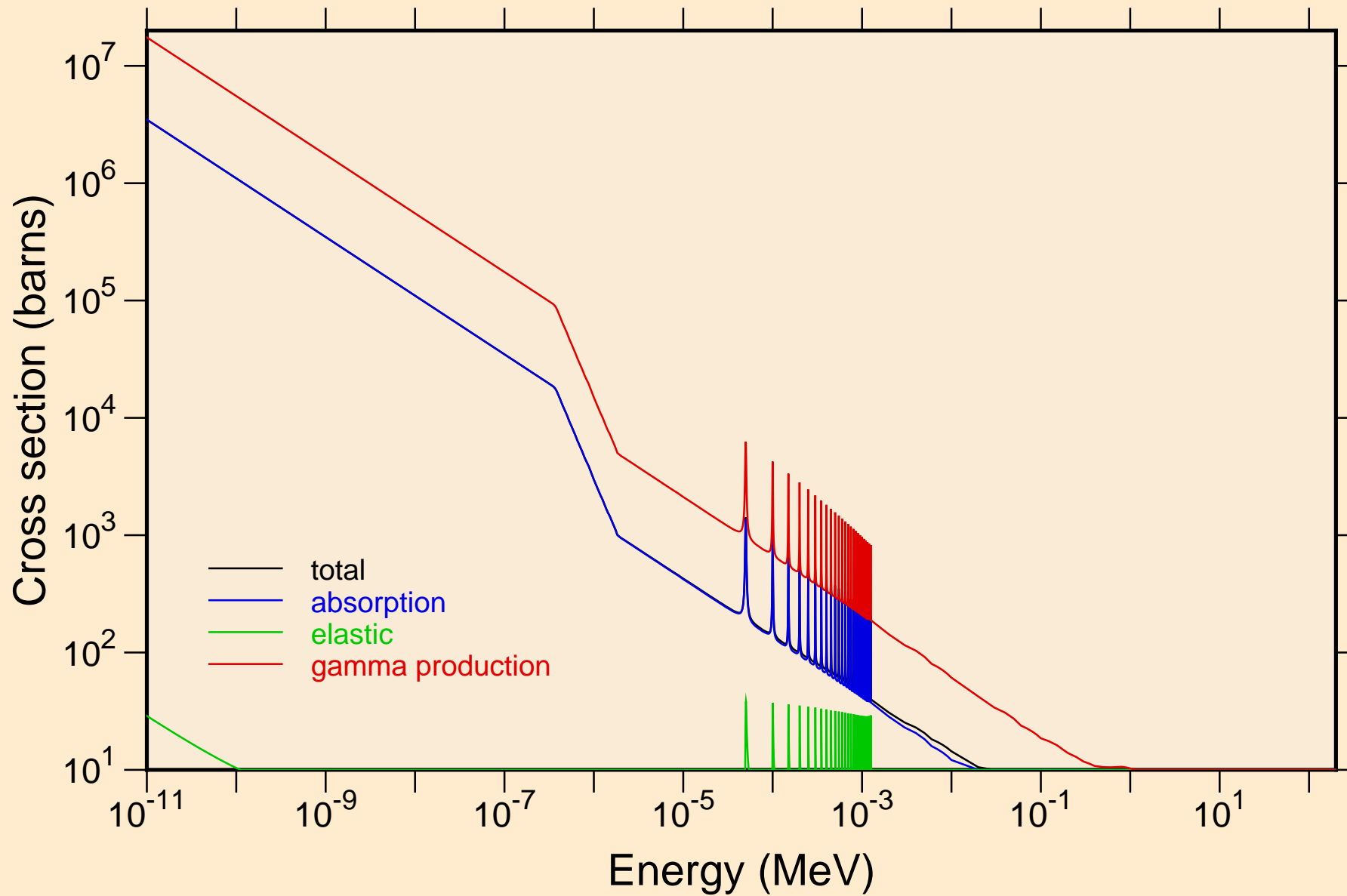
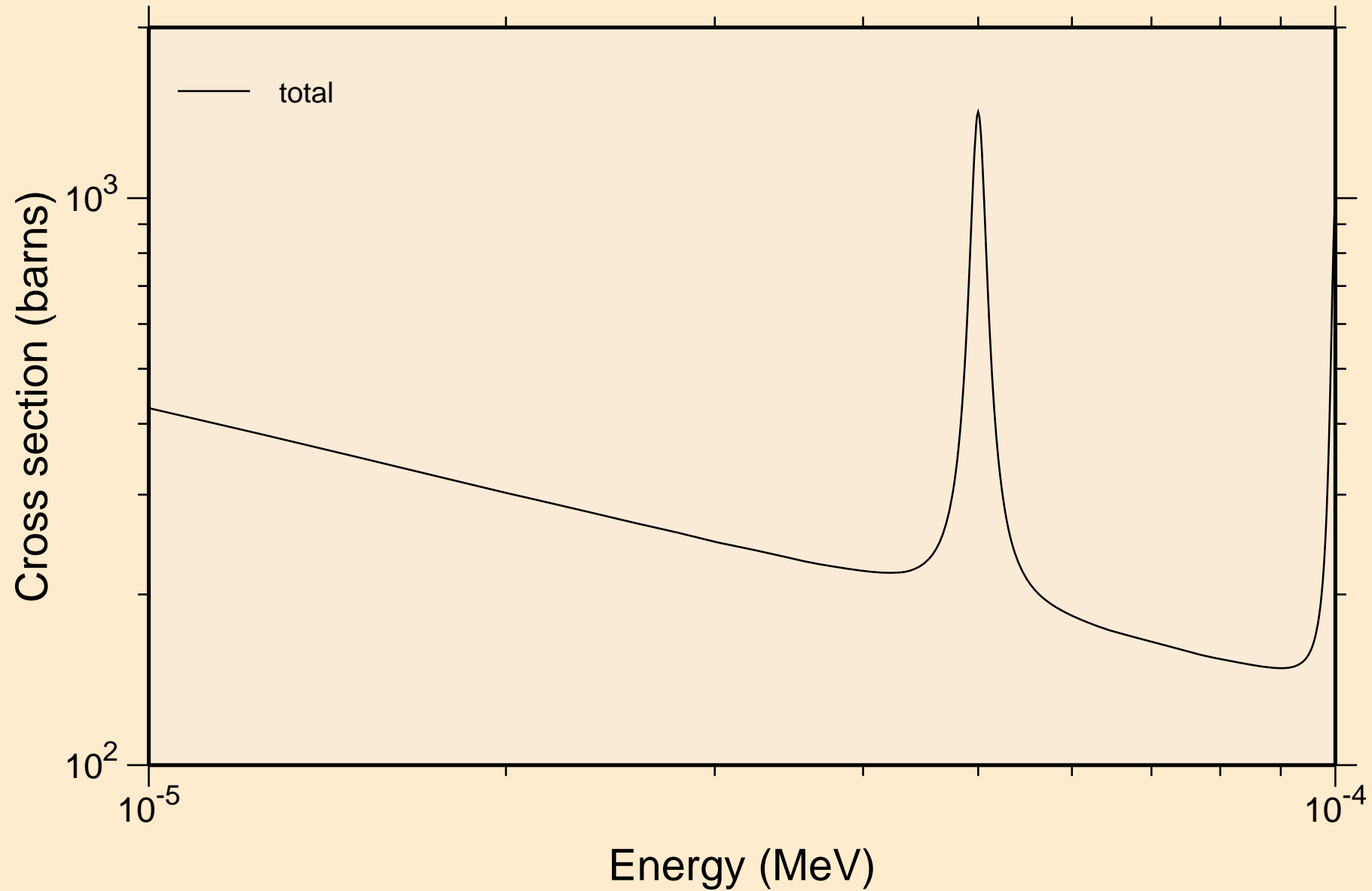


# SM130 NRG TENDL-2015, AKONING

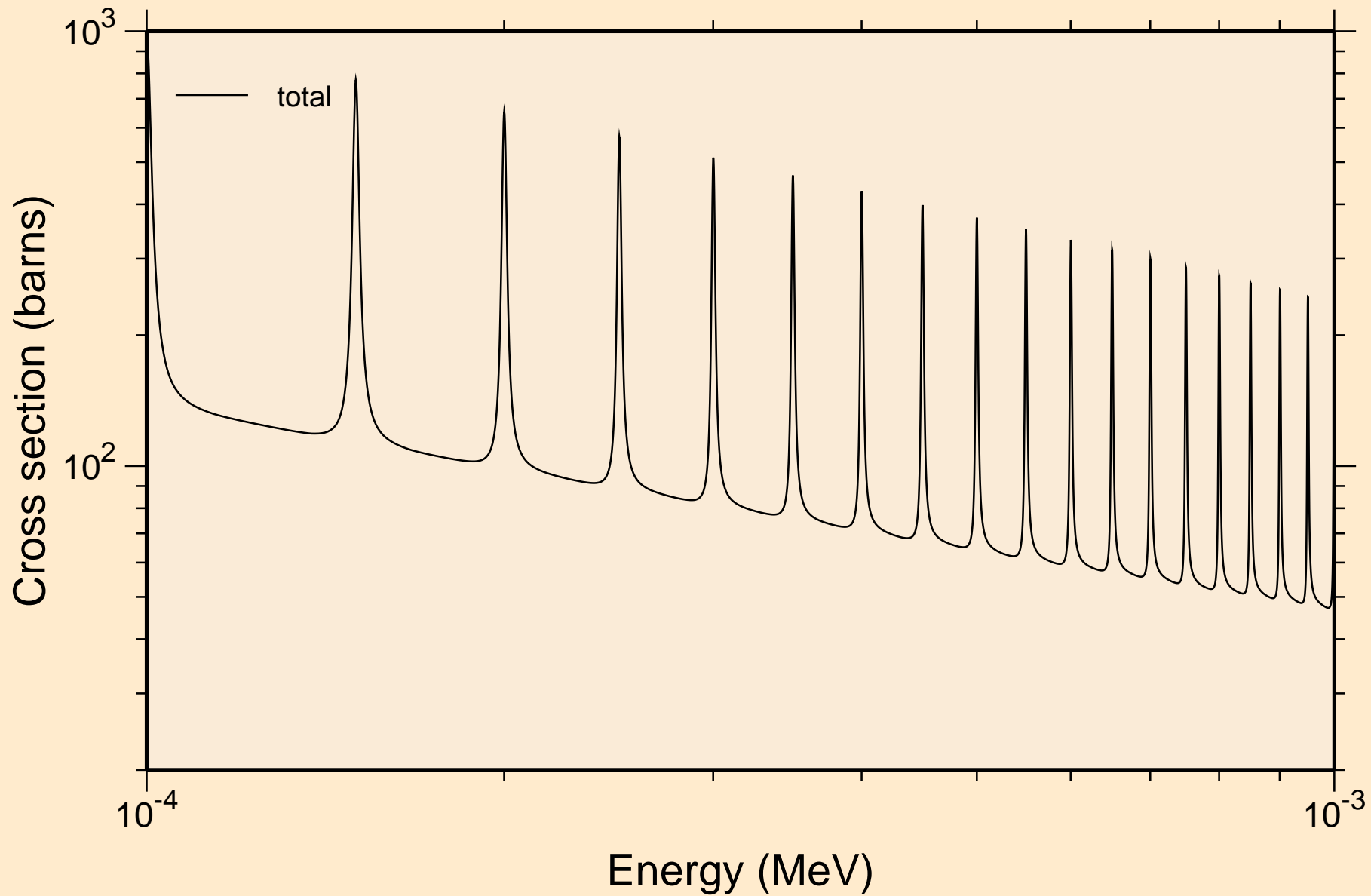
## Principal cross sections



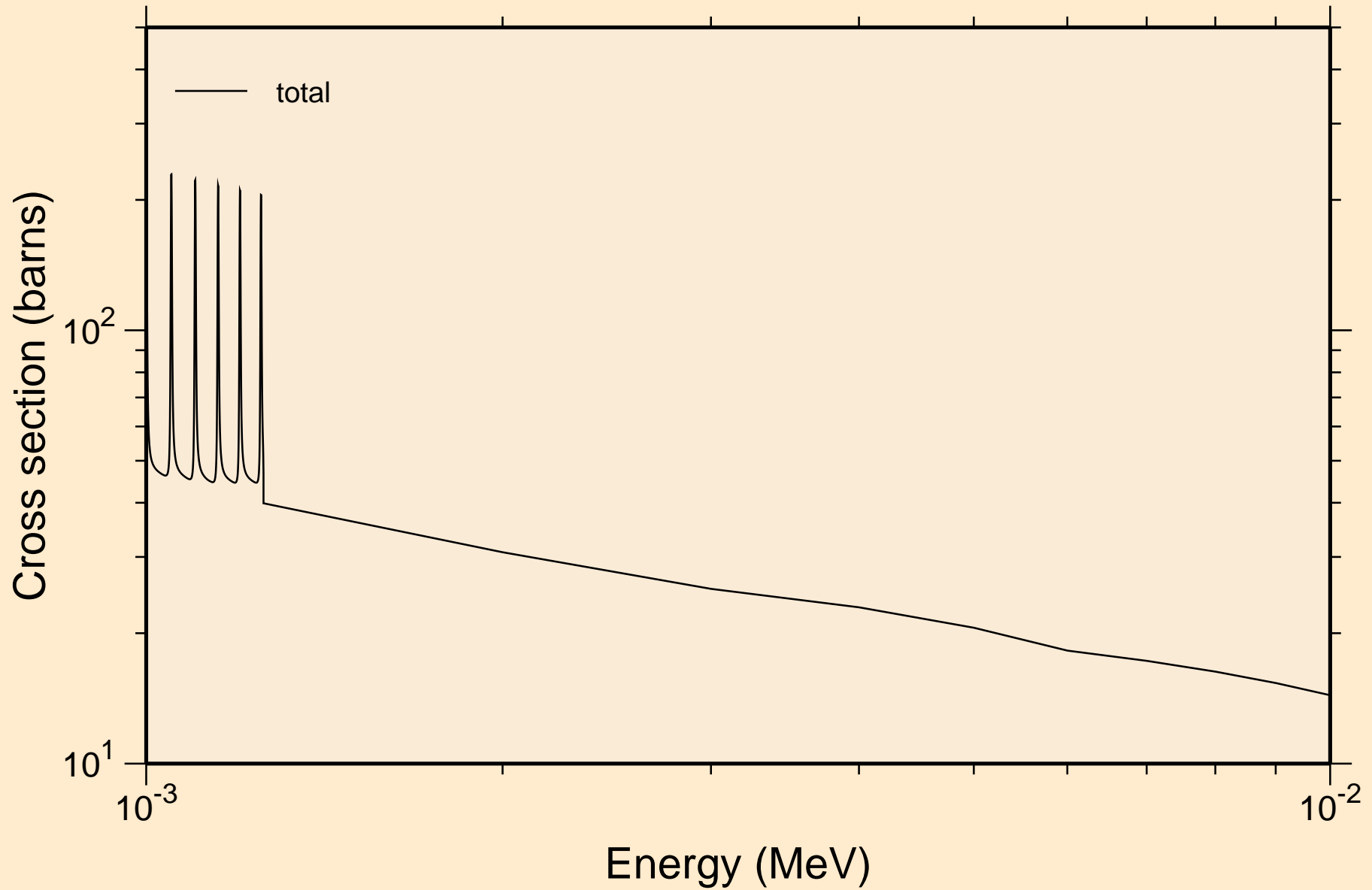
SM130 NRG TENDL-2015, AKONING  
resonance total cross section



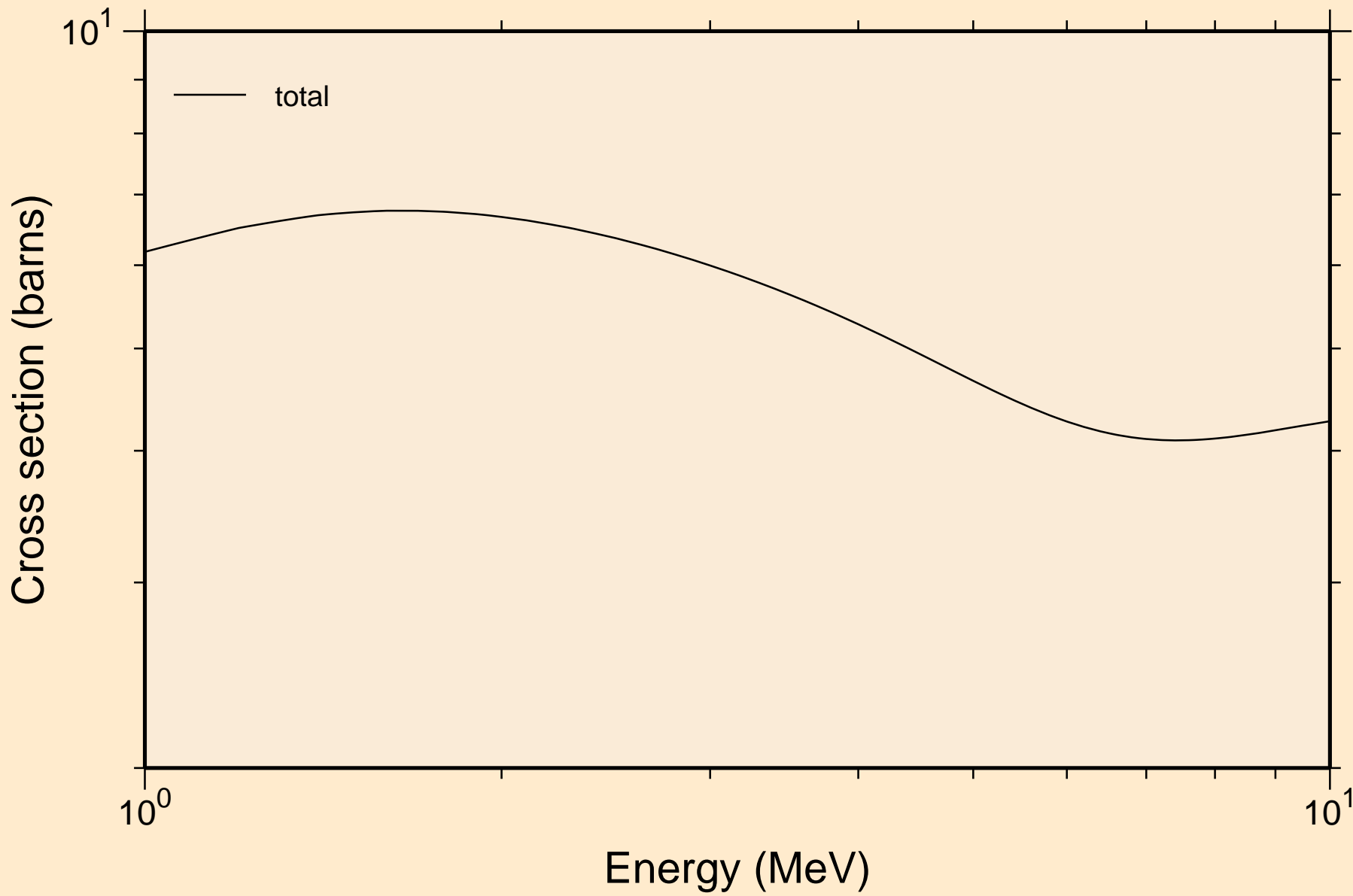
SM130 NRG TENDL-2015, AKONING  
resonance total cross section



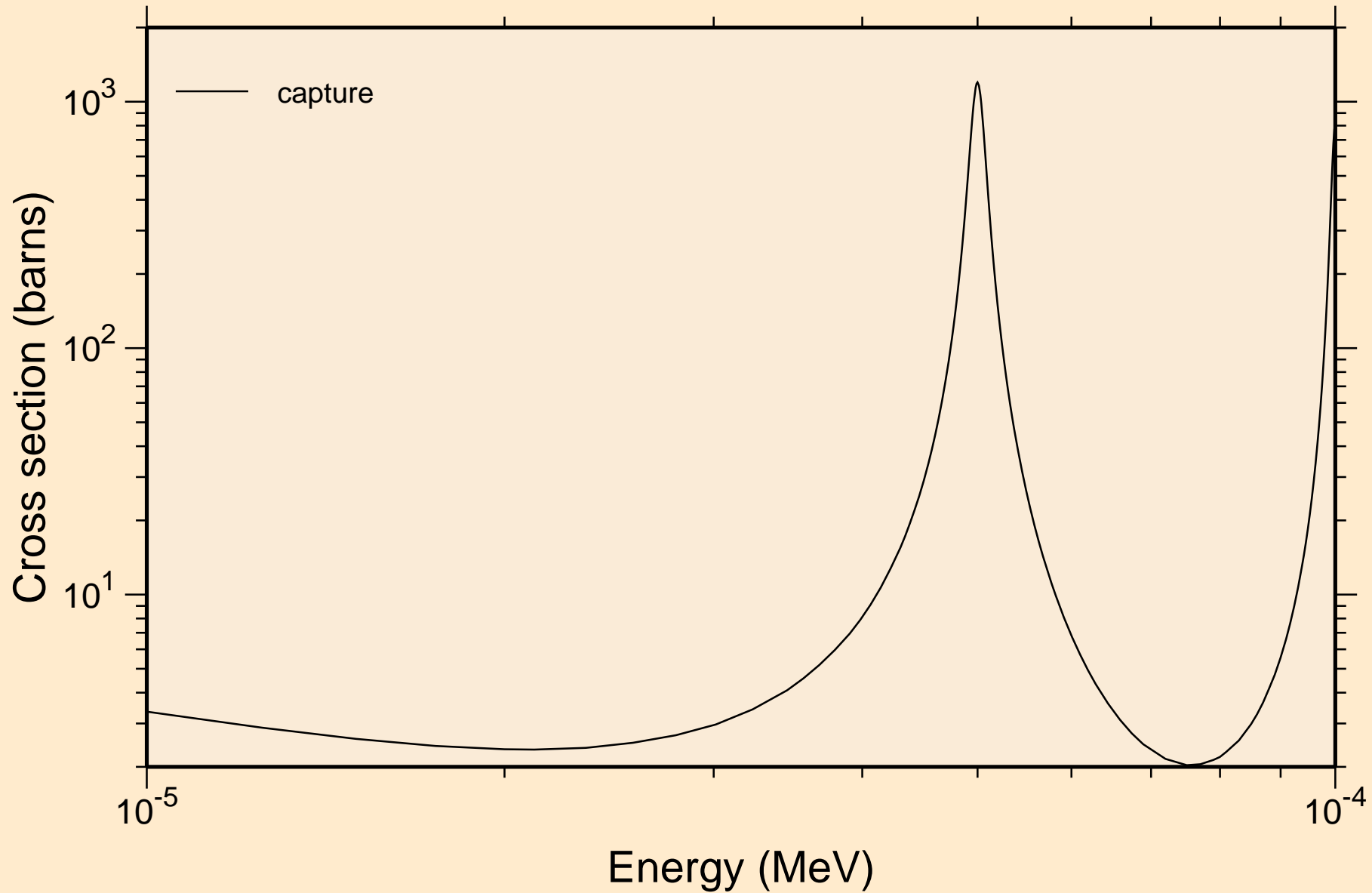
SM130 NRG TENDL-2015, AKONING  
resonance total cross section



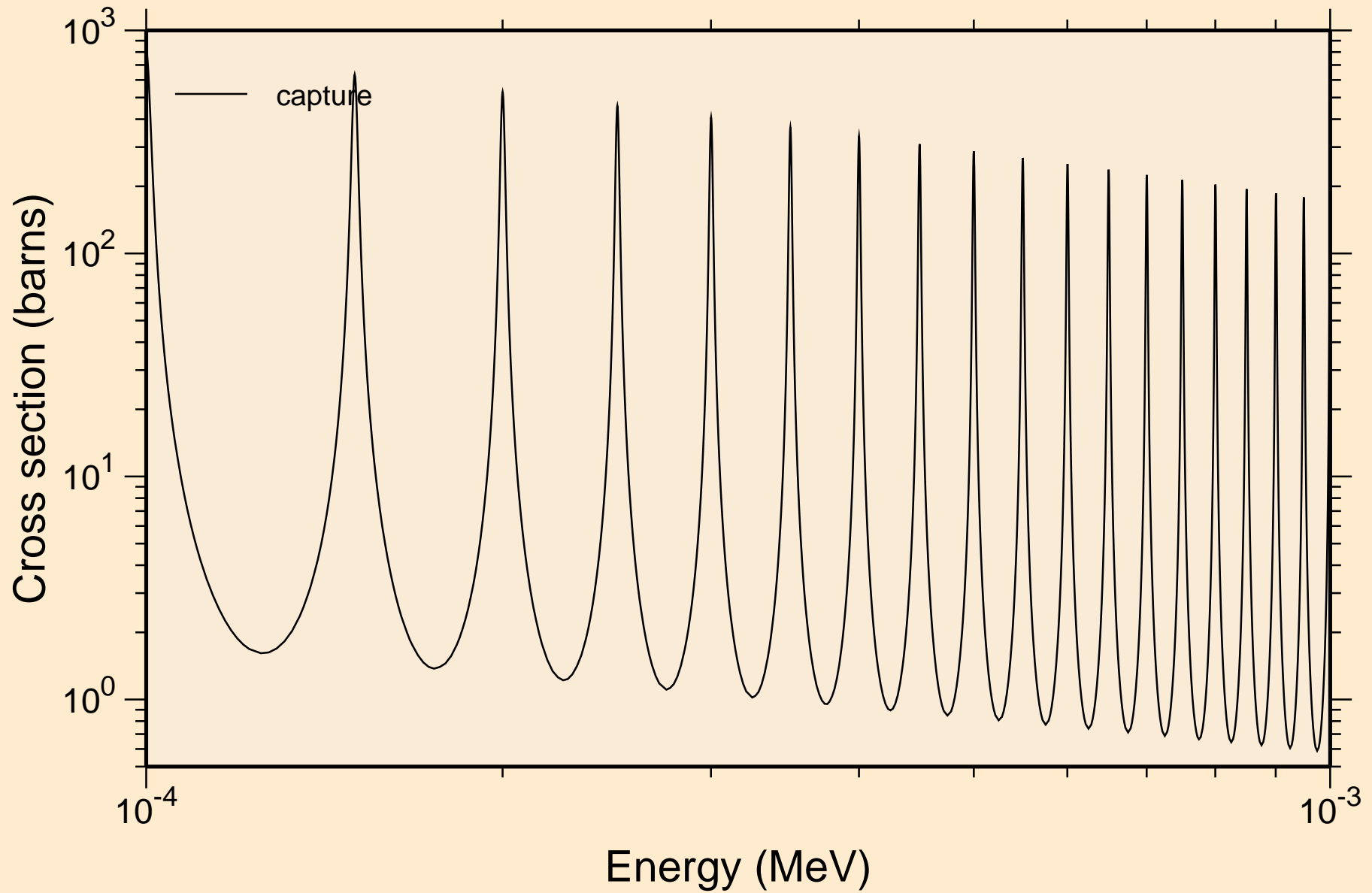
SM130 NRG TENDL-2015, AKONING  
resonance total cross section



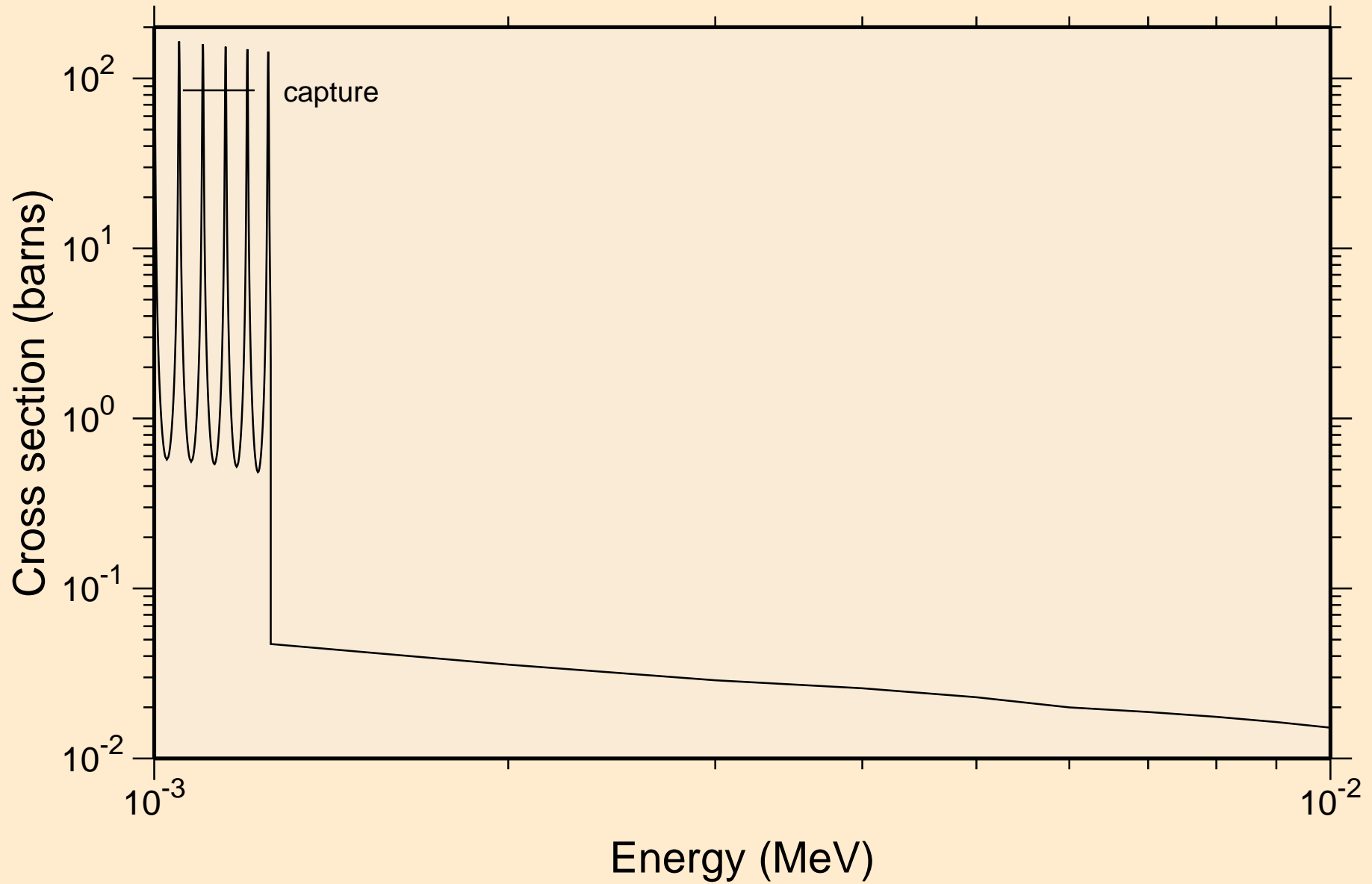
SM130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



SM130 NRG TENDL-2015, AKONING  
resonance absorption cross sections

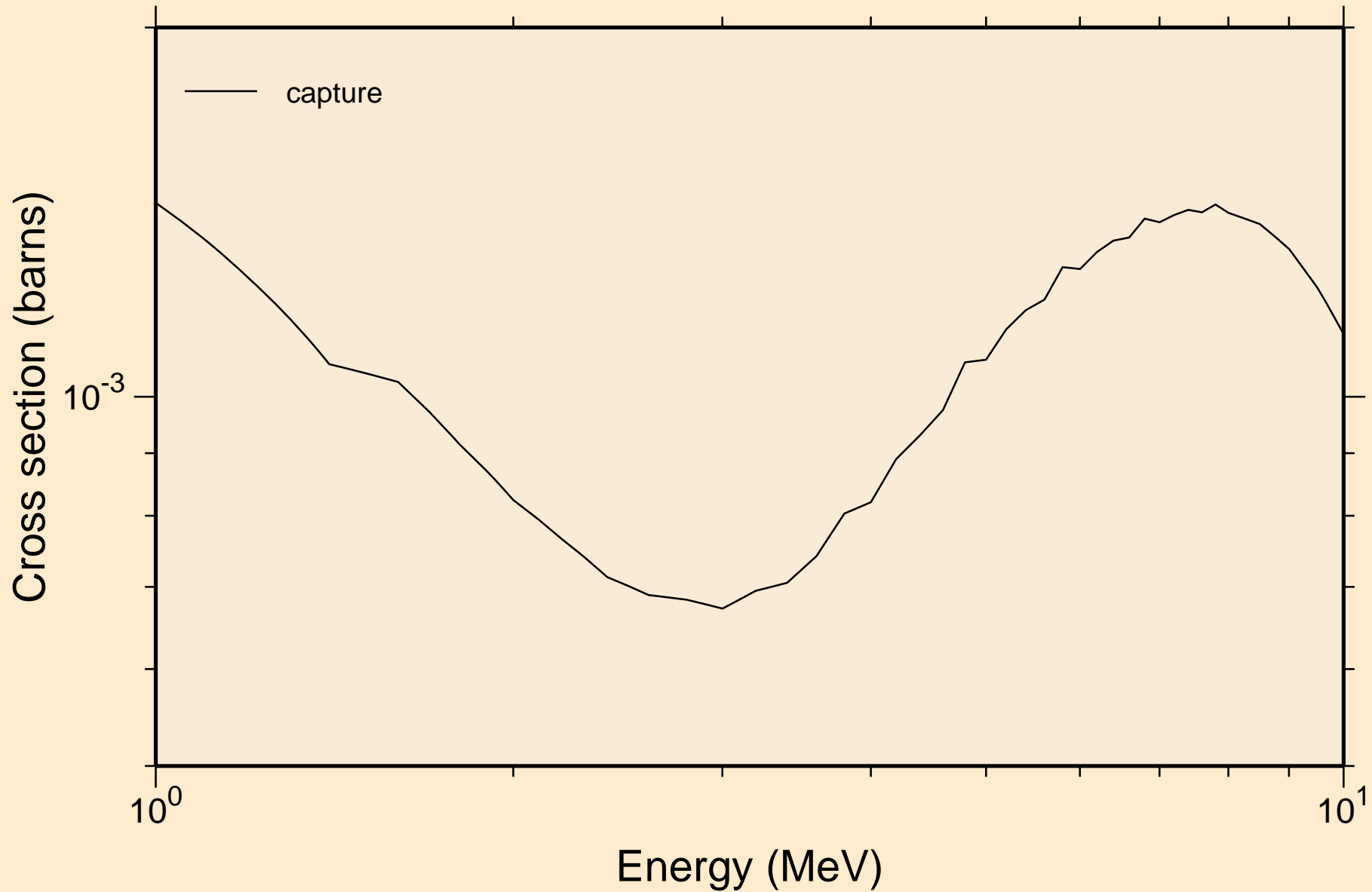


SM130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



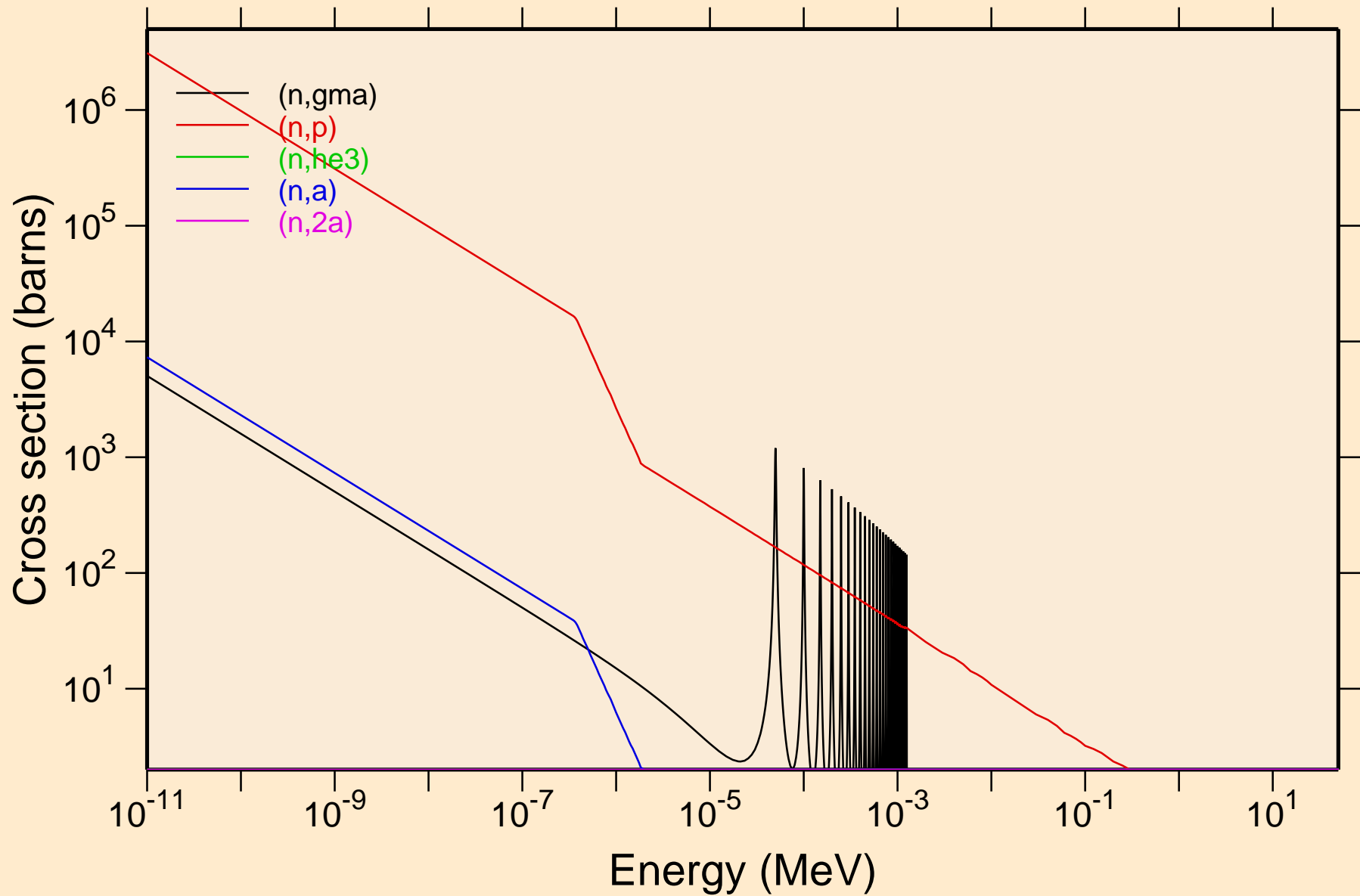


SM130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



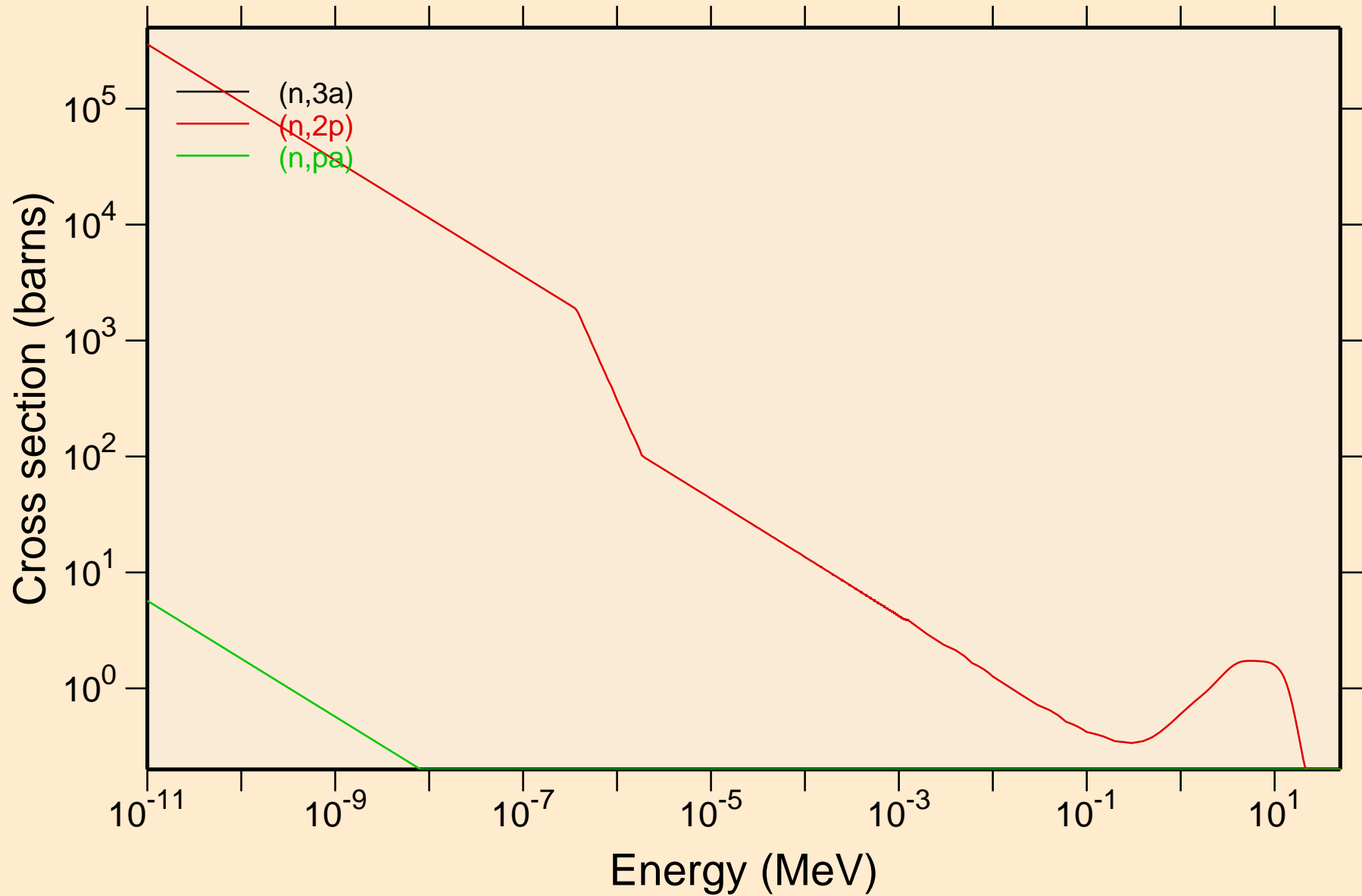
# SM130 NRG TENDL-2015, AKONING

## Non-threshold reactions



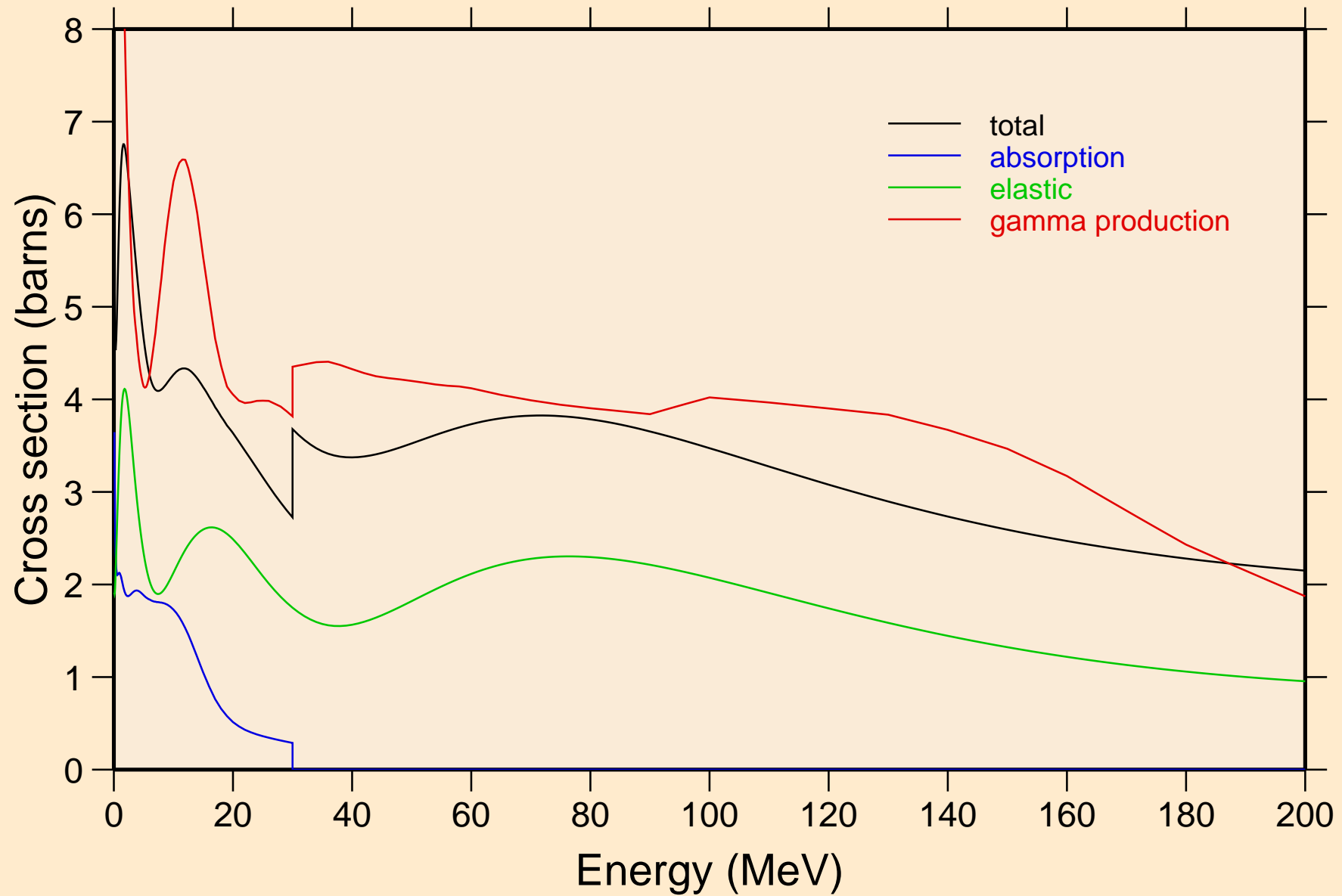
# SM130 NRG TENDL-2015, AKONING

## Non-threshold reactions



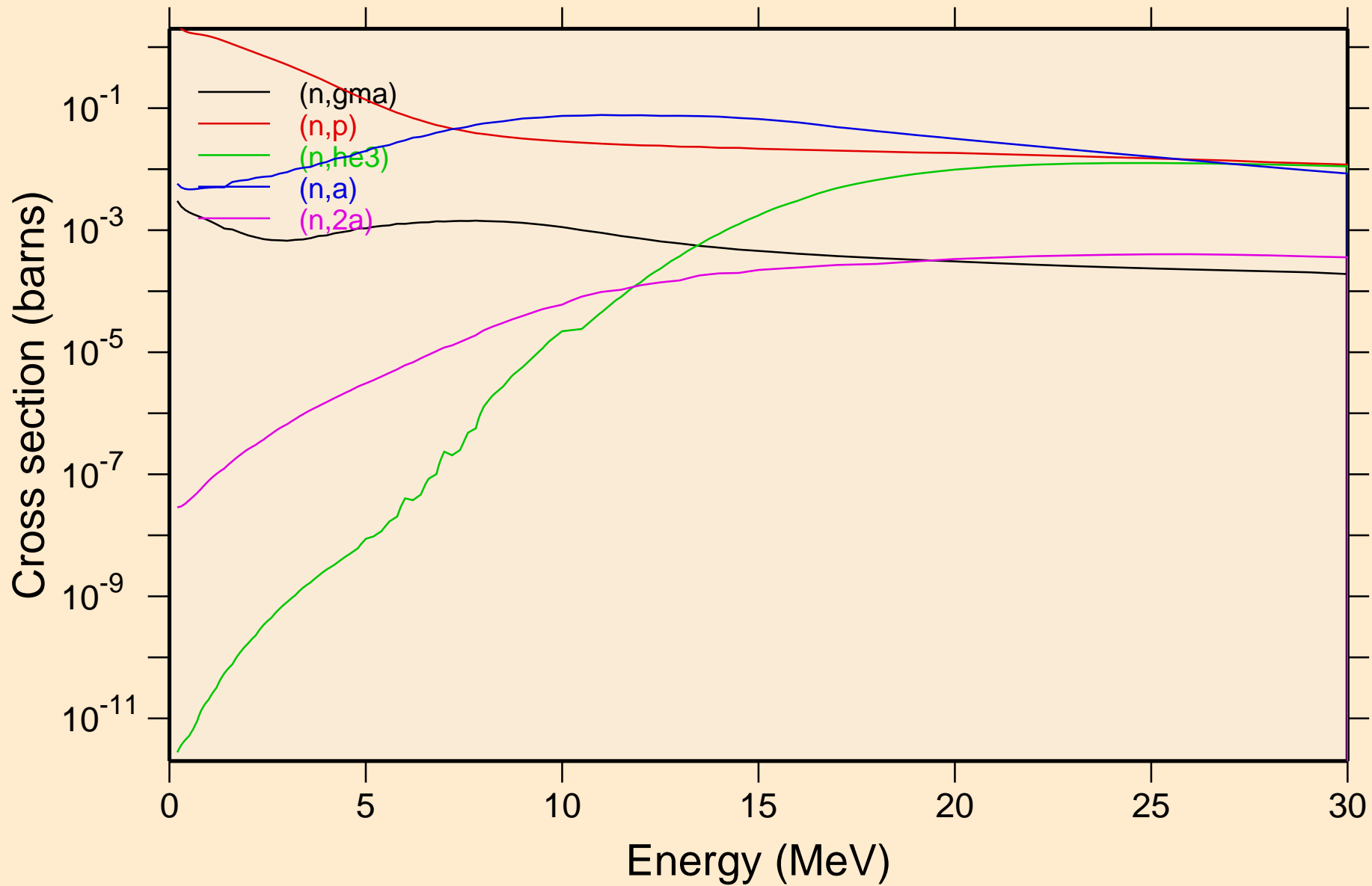
# SM130 NRG TENDL-2015, AKONING

## Principal cross sections



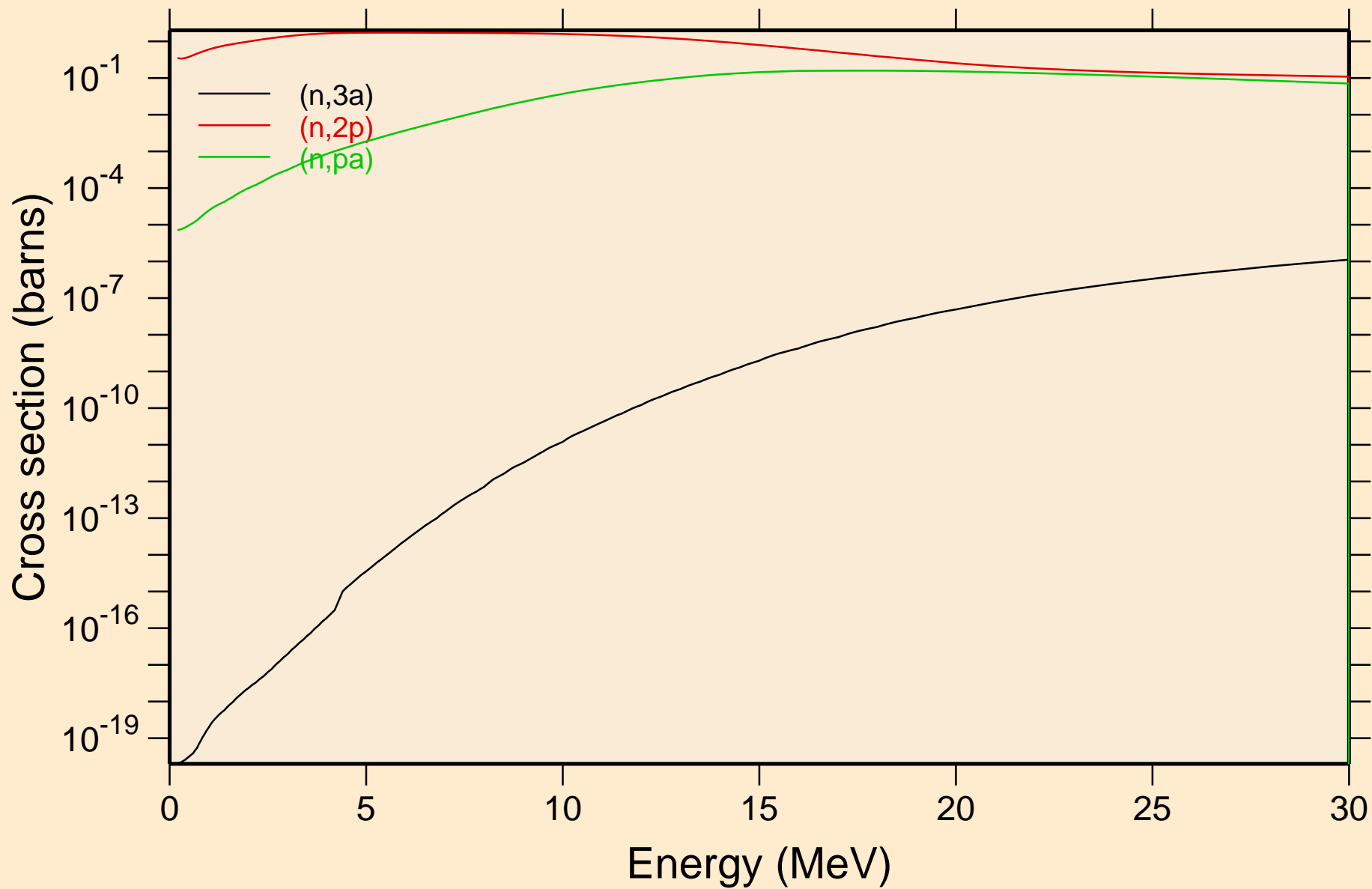
# SM130 NRG TENDL-2015, AKONING

## Non-threshold reactions



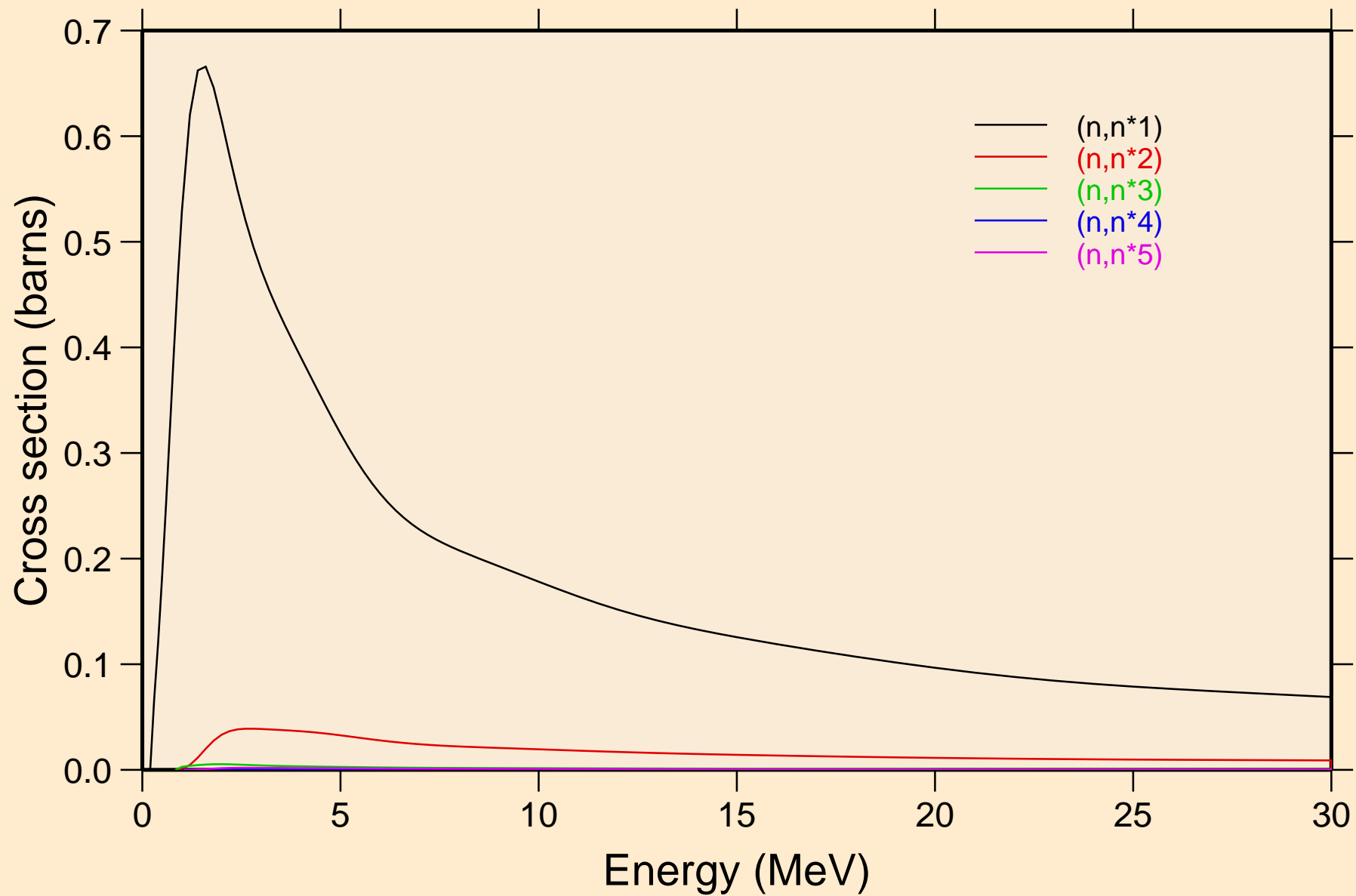
# SM130 NRG TENDL-2015, AKONING

## Non-threshold reactions



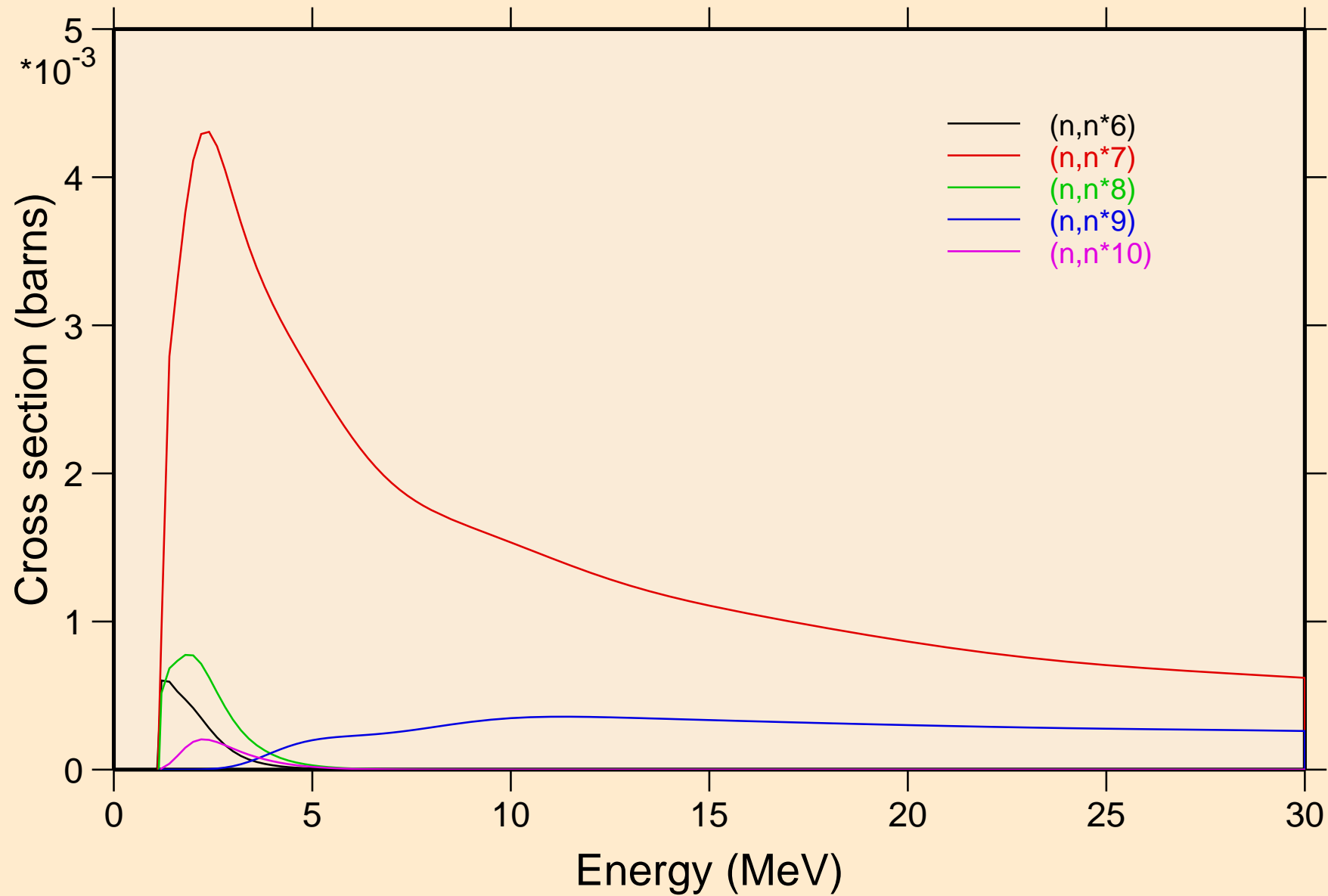
# SM130 NRG TENDL-2015, AKONING

## Inelastic levels



# SM130 NRG TENDL-2015, AKONING

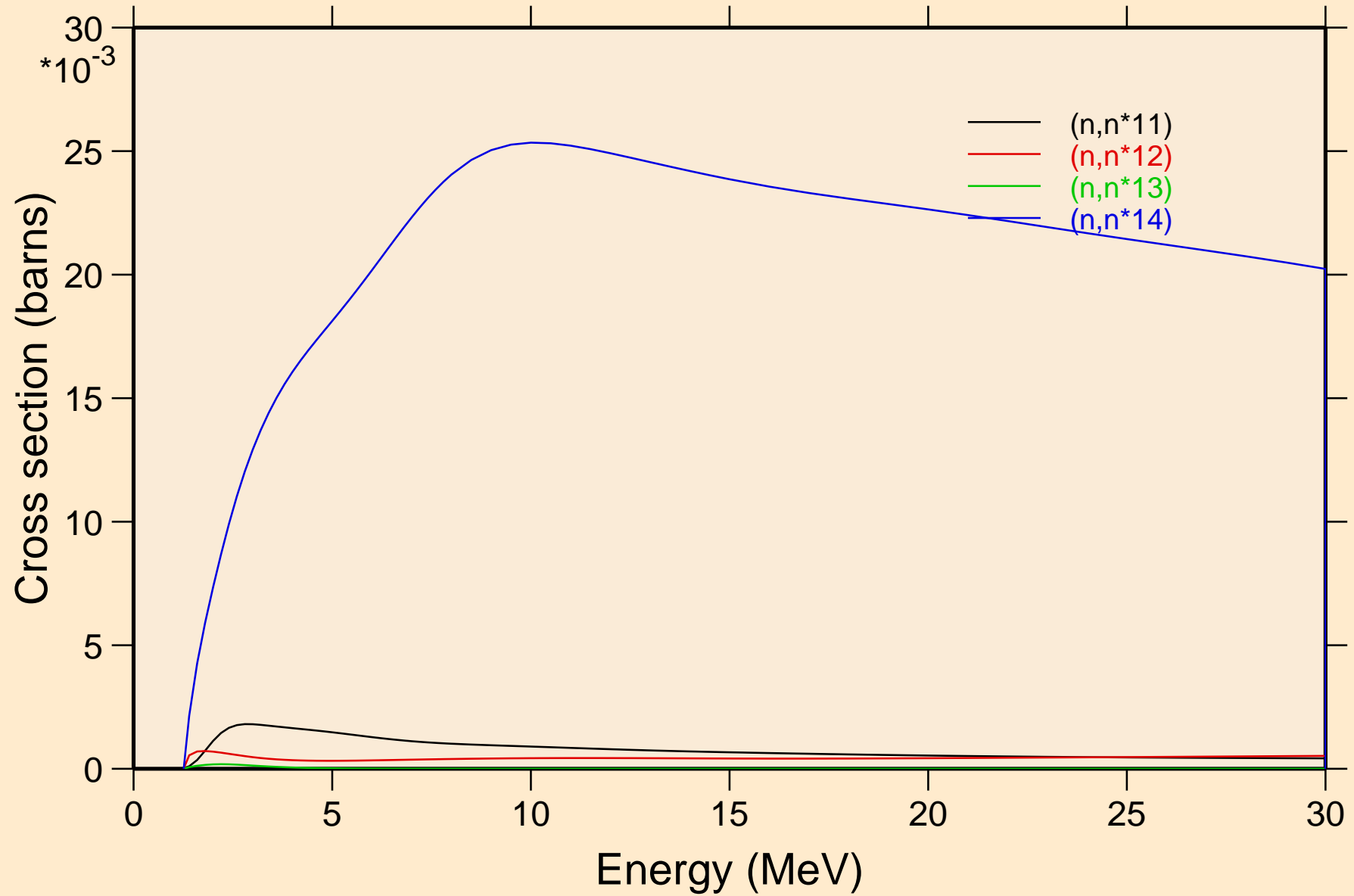
## Inelastic levels





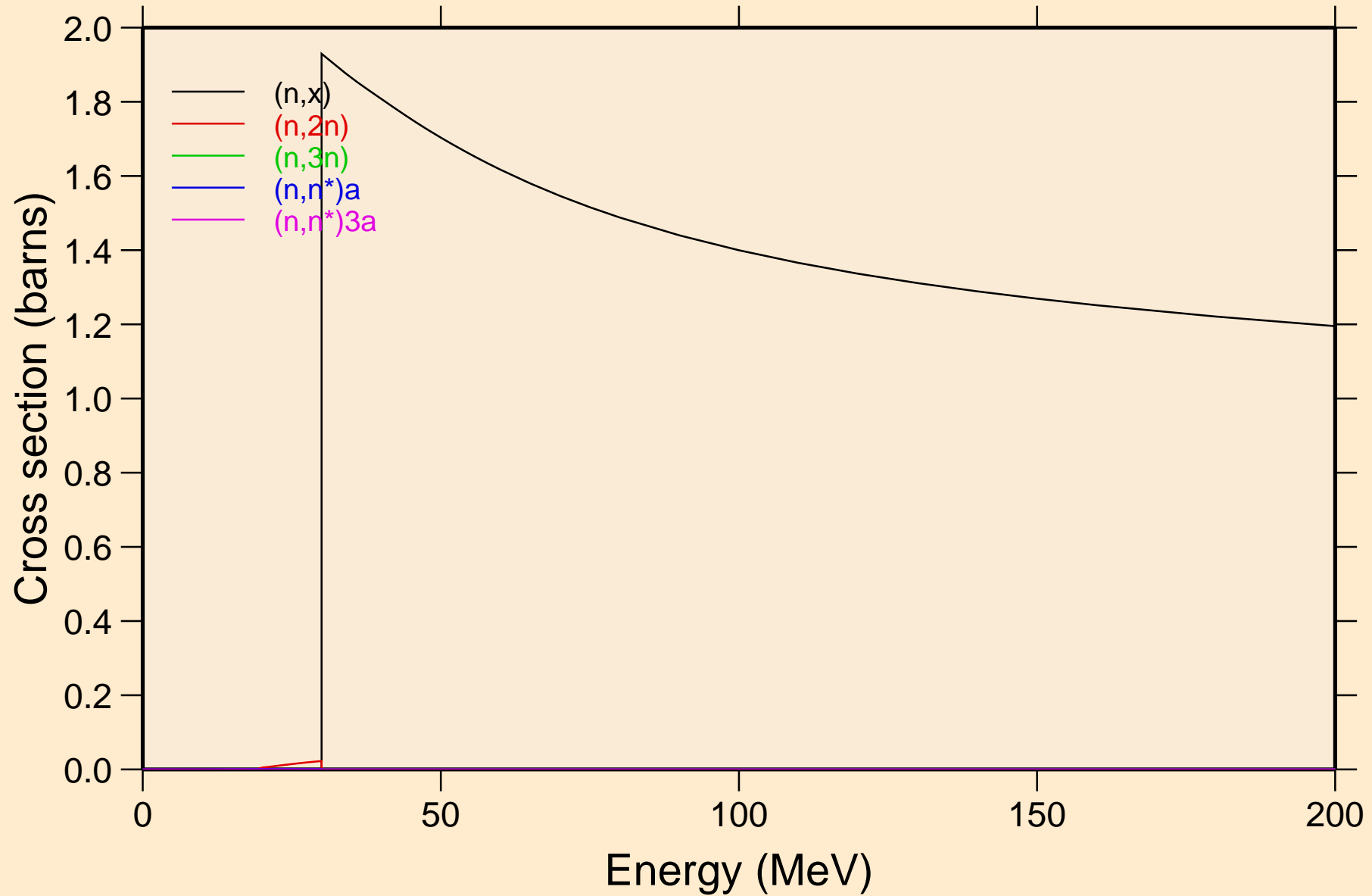
# SM130 NRG TENDL-2015, AKONING

## Inelastic levels



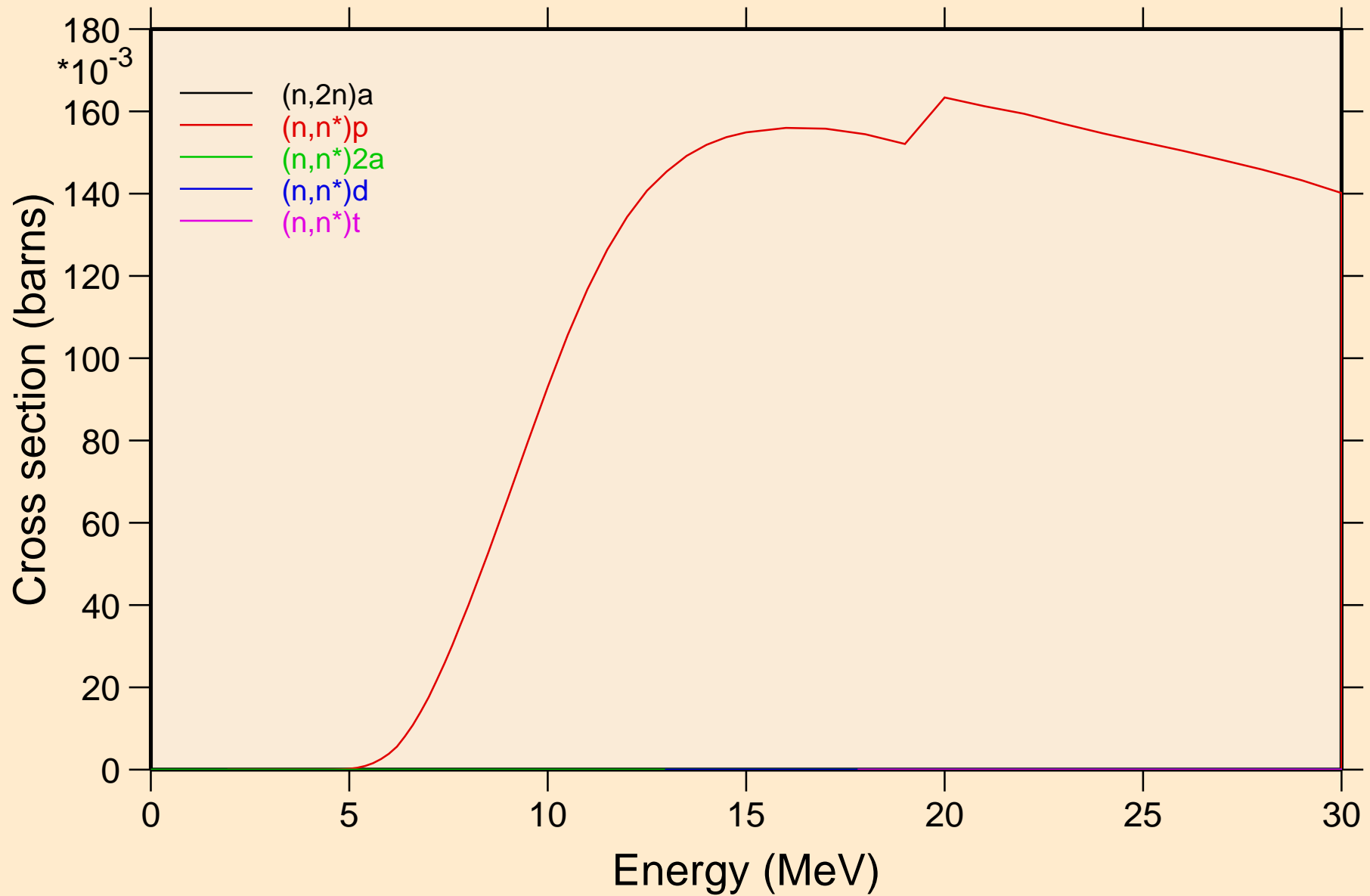
# SM130 NRG TENDL-2015, AKONING

## Threshold reactions



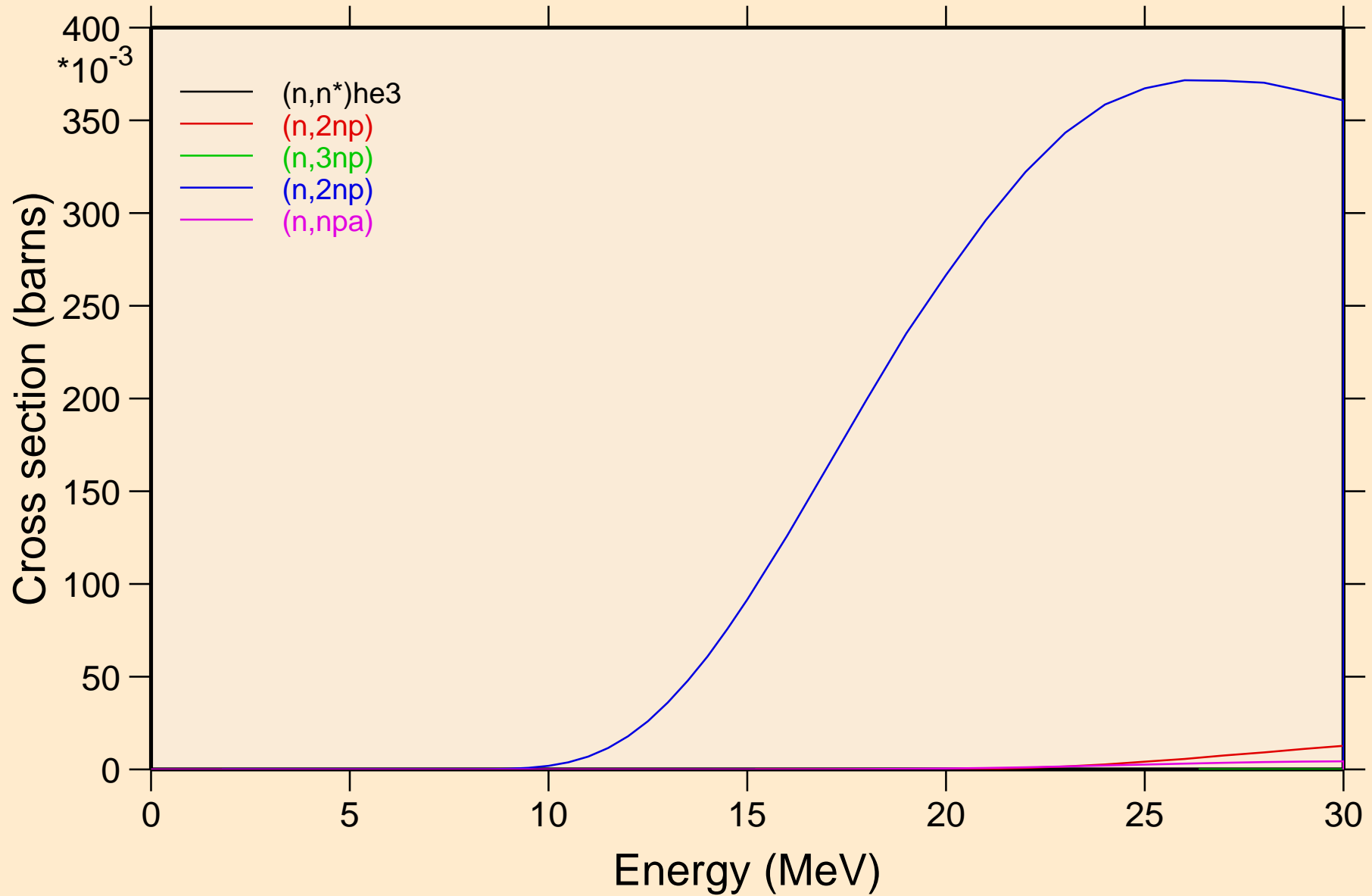
# SM130 NRG TENDL-2015, AKONING

## Threshold reactions



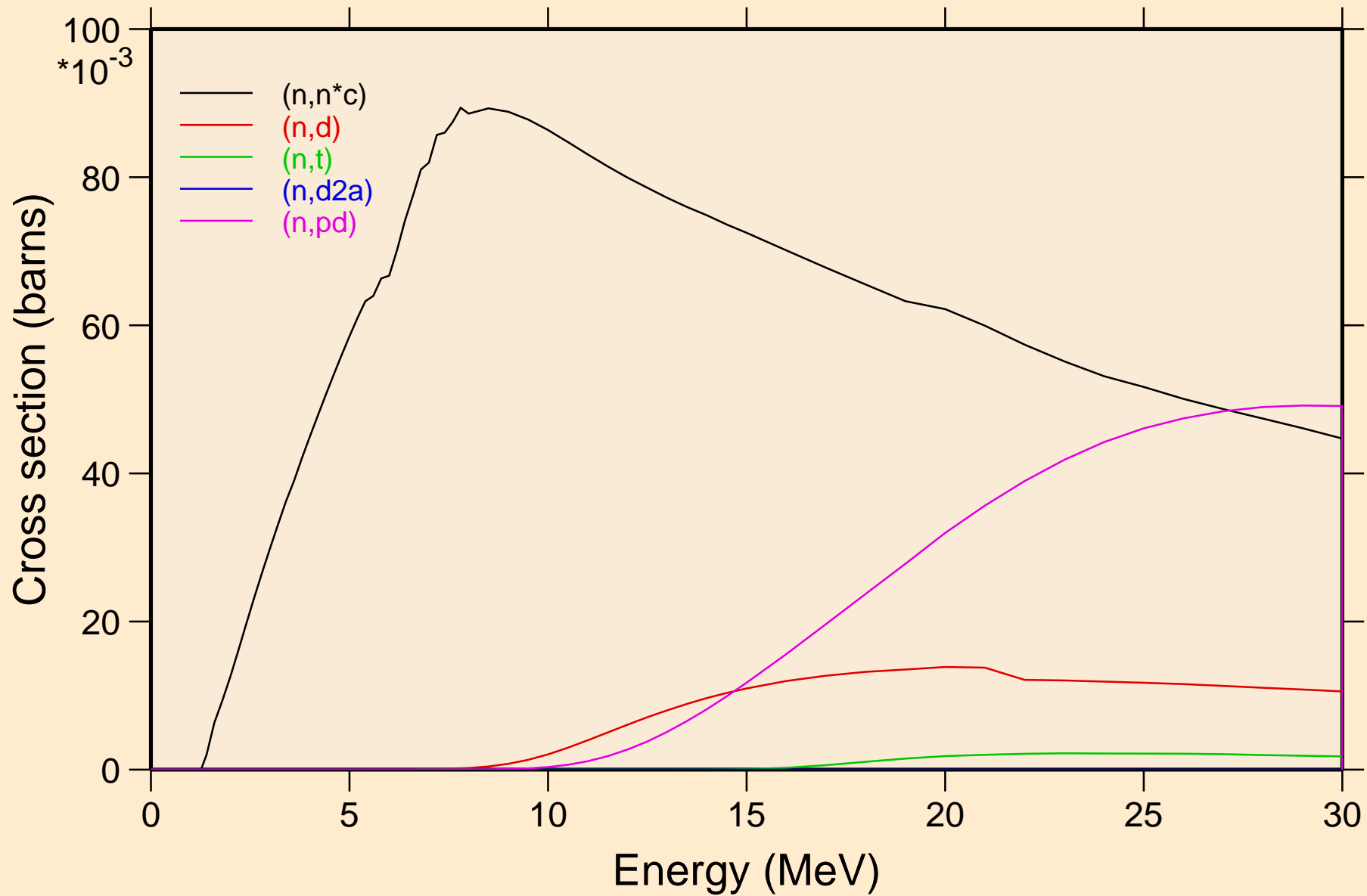
# SM130 NRG TENDL-2015, AKONING

## Threshold reactions



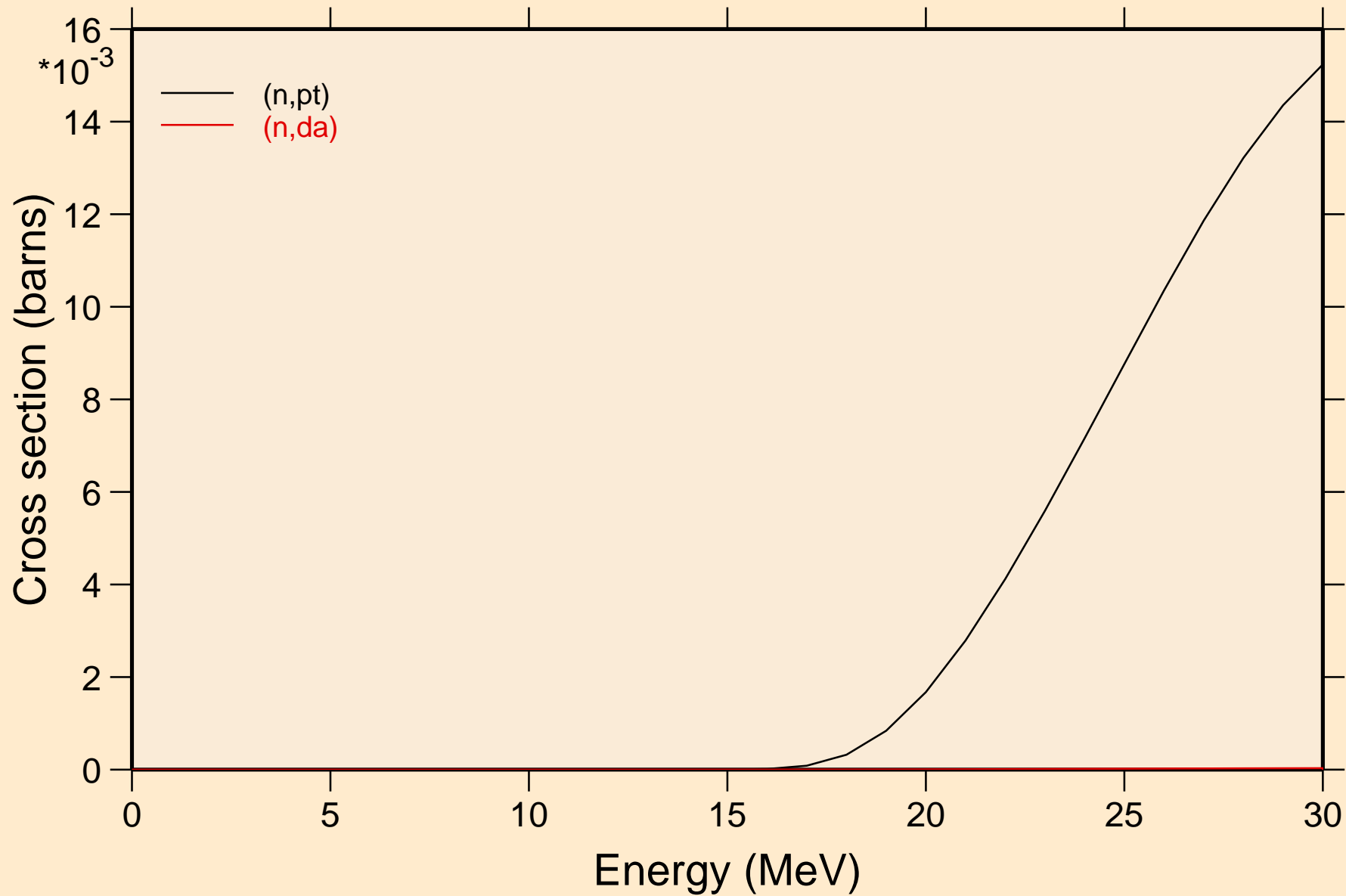
# SM130 NRG TENDL-2015, AKONING

## Threshold reactions

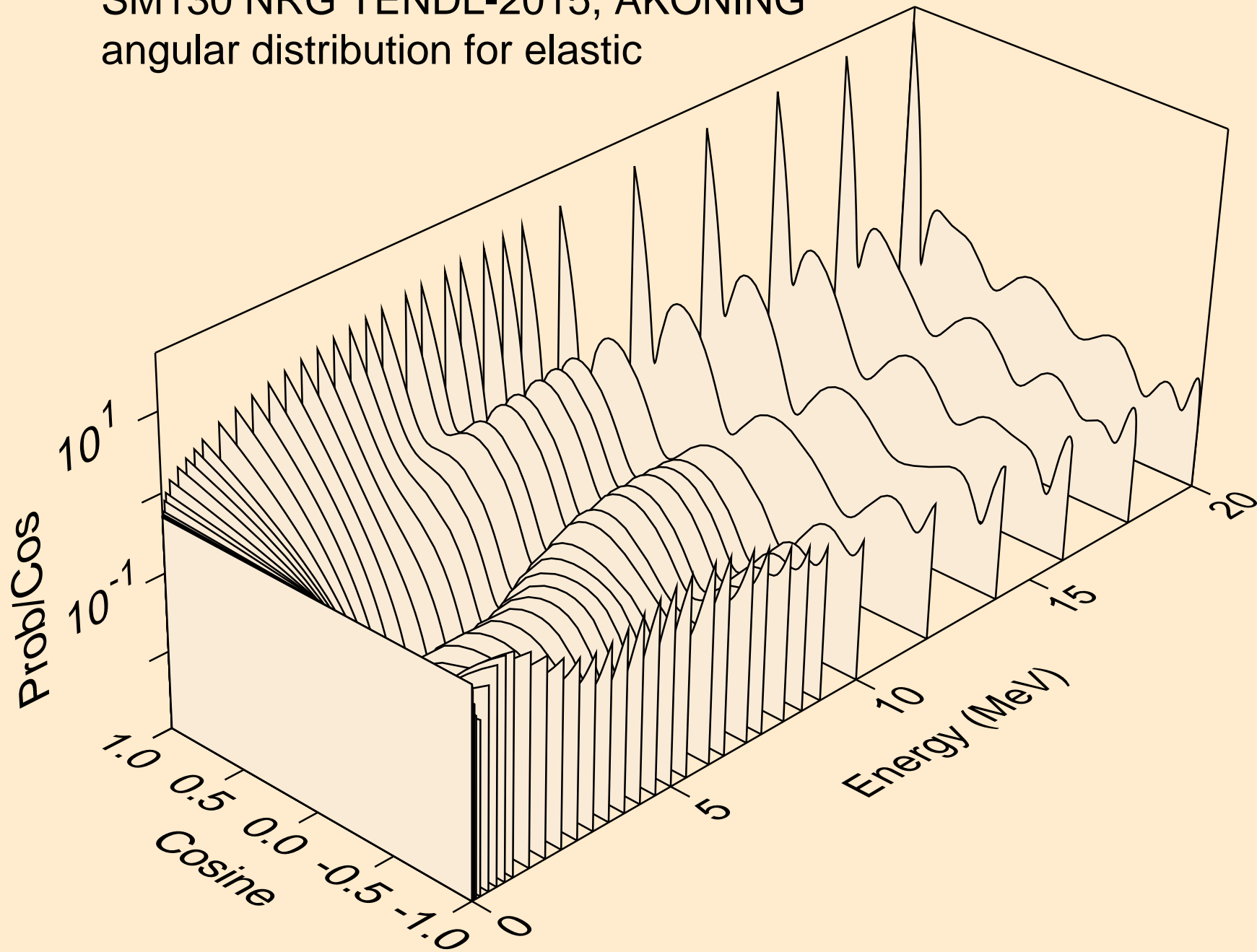


# SM130 NRG TENDL-2015, AKONING

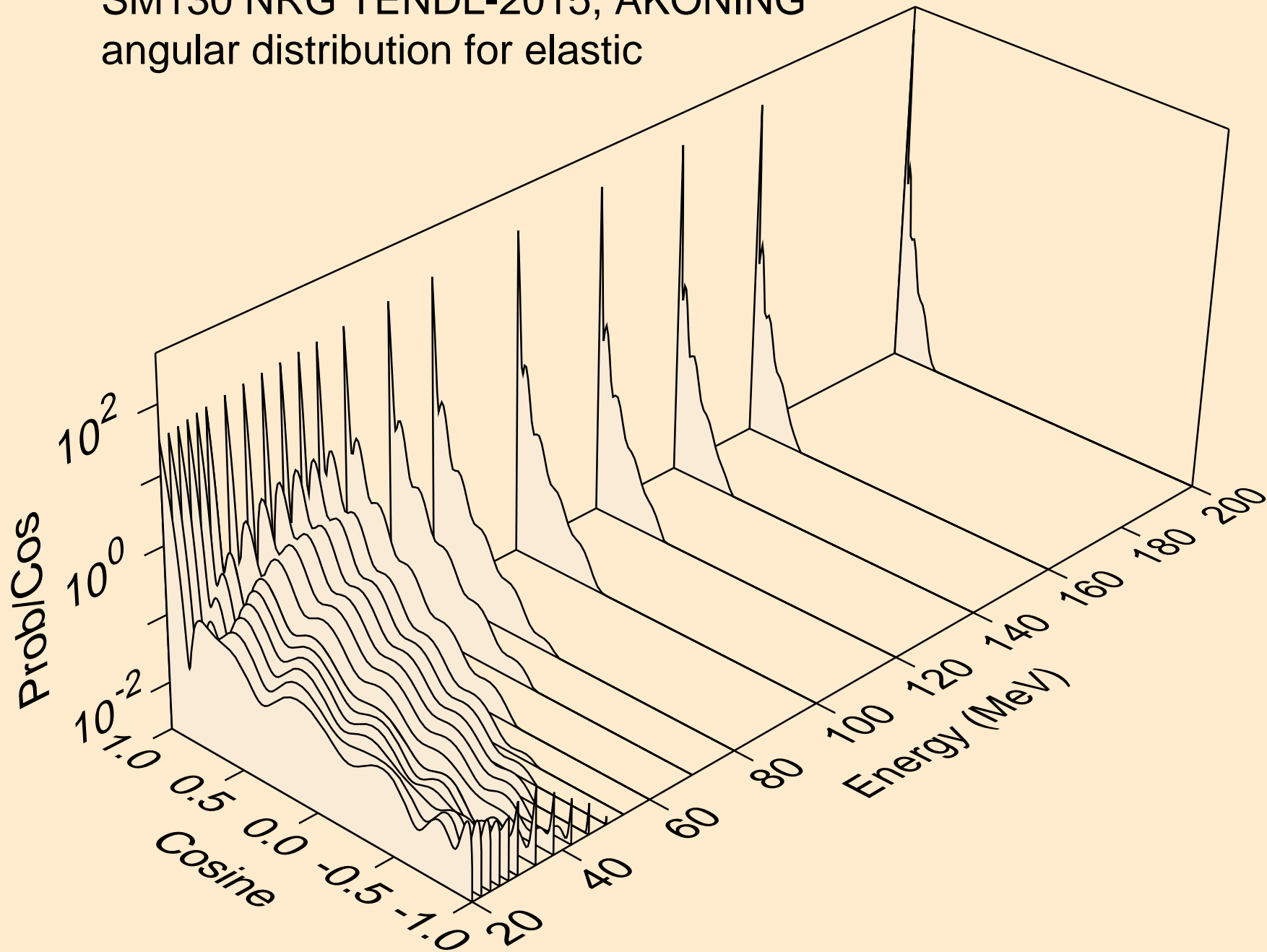
## Threshold reactions



SM130 NRG TENDL-2015, AKONING  
angular distribution for elastic

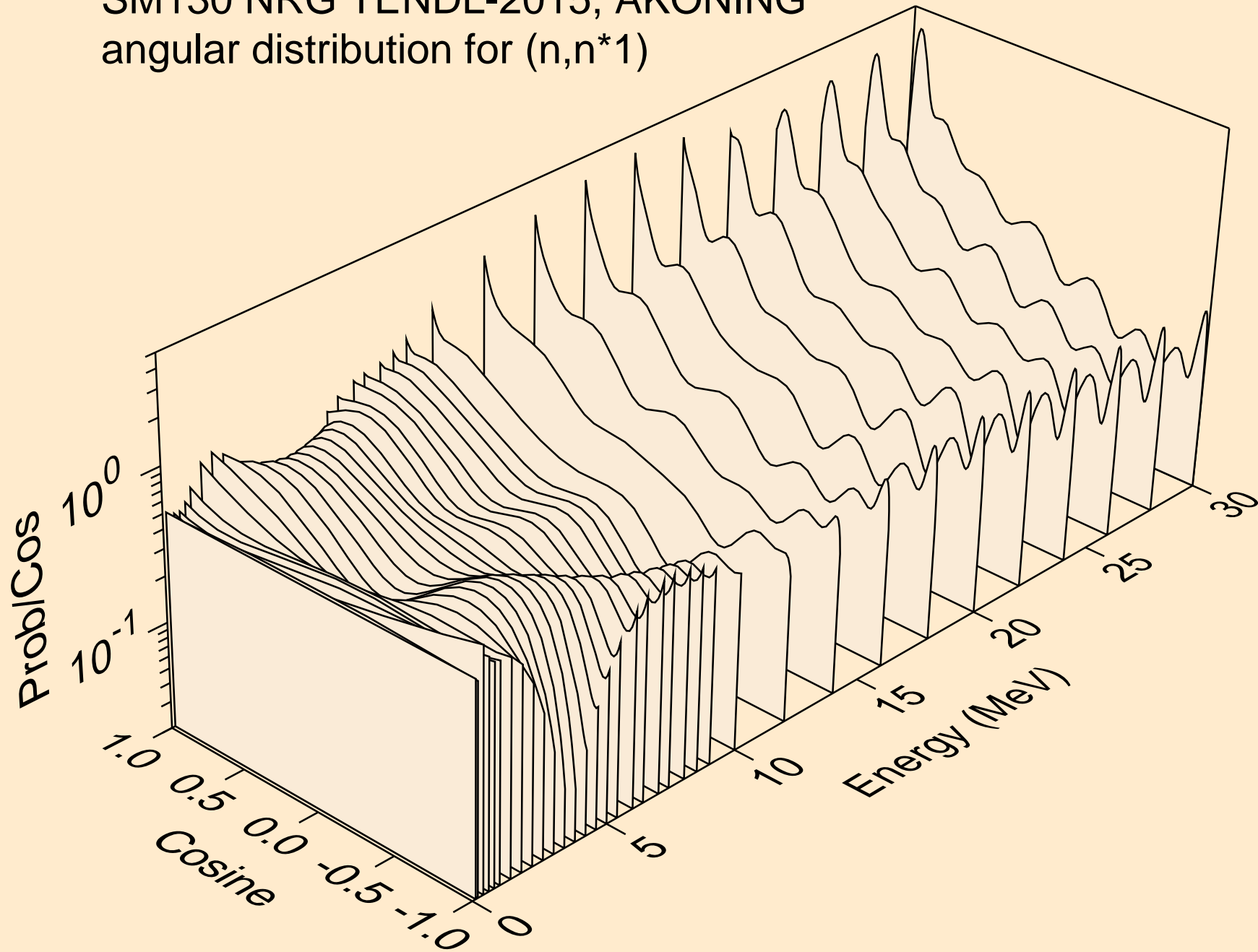


SM130 NRG TENDL-2015, AKONING  
angular distribution for elastic

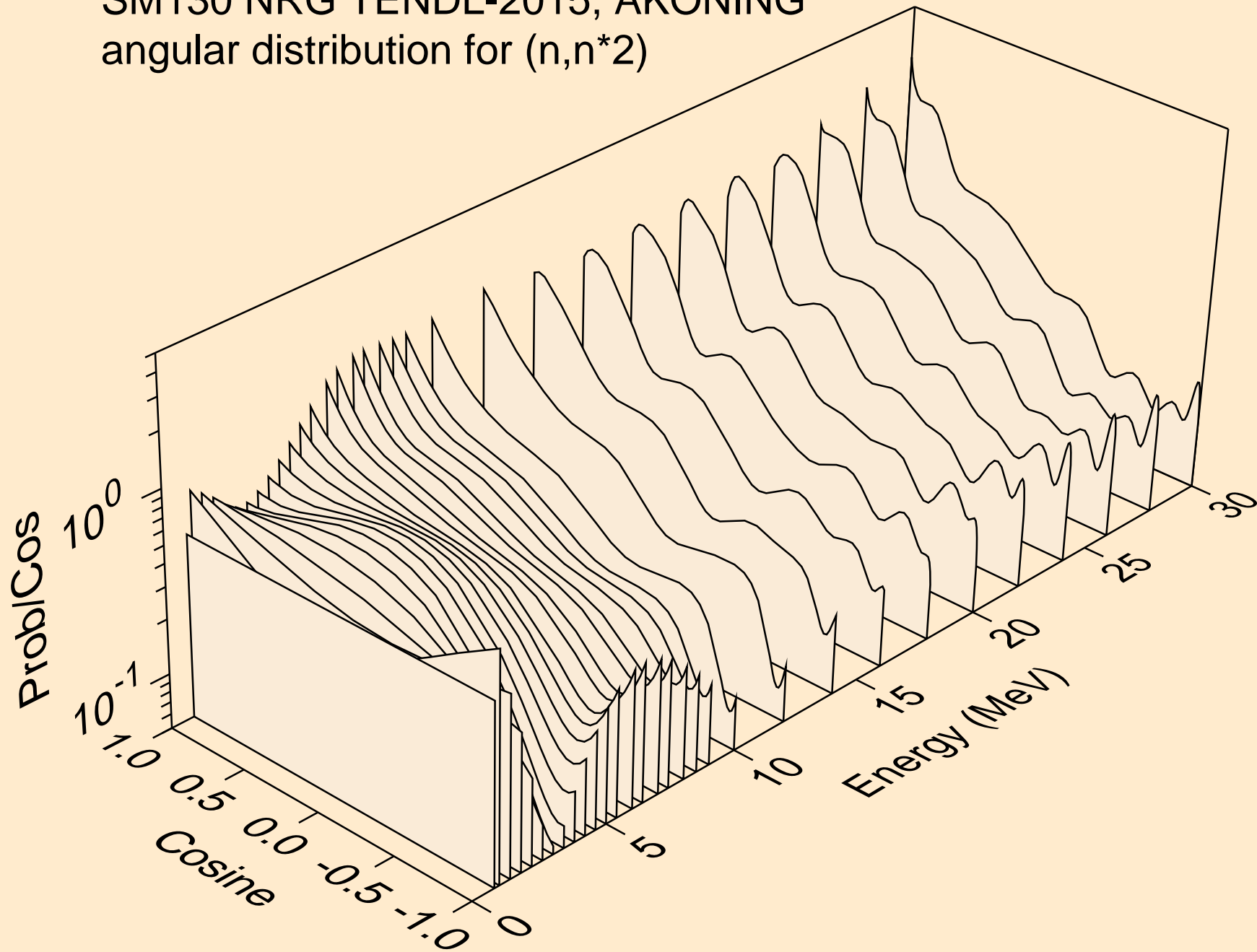




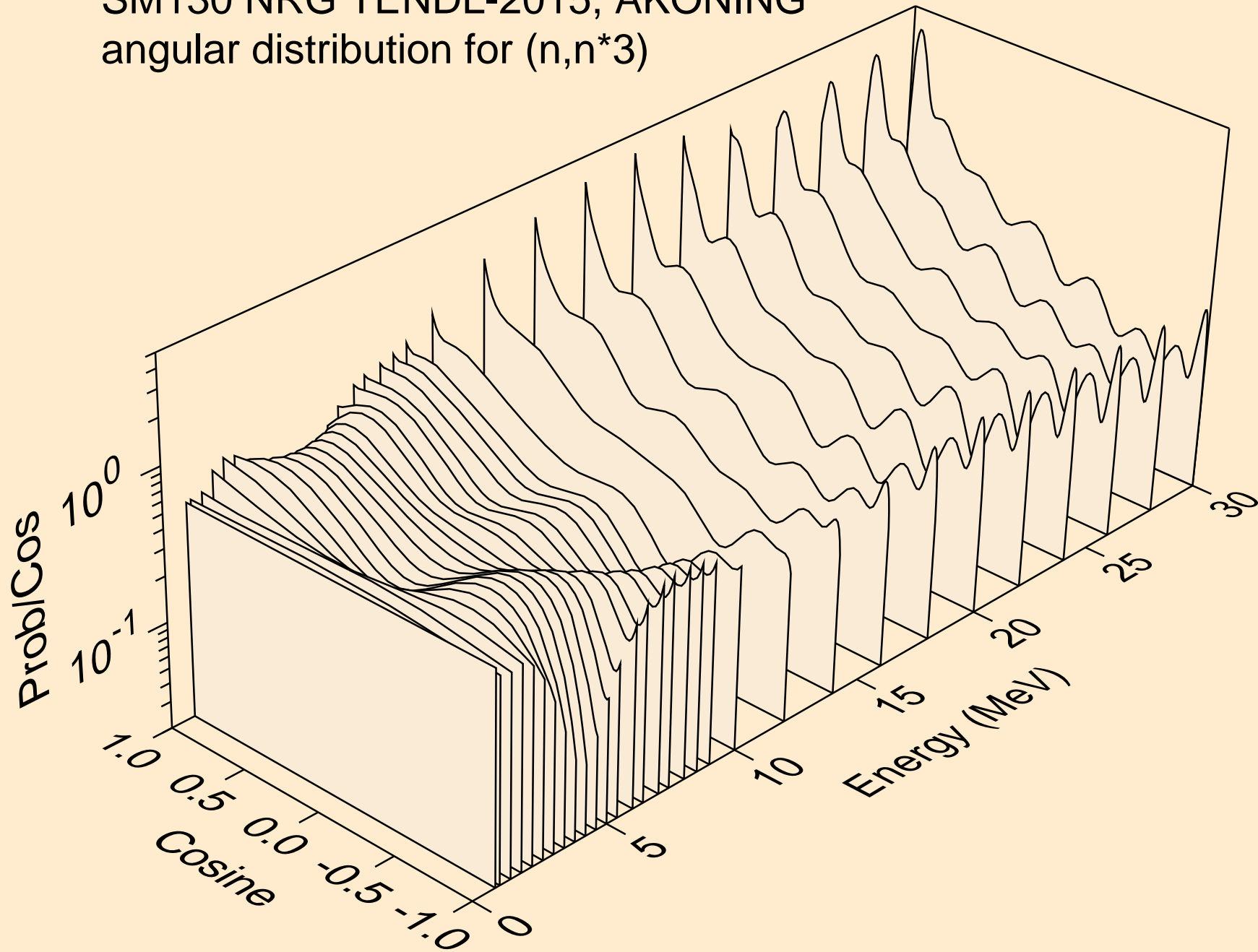
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



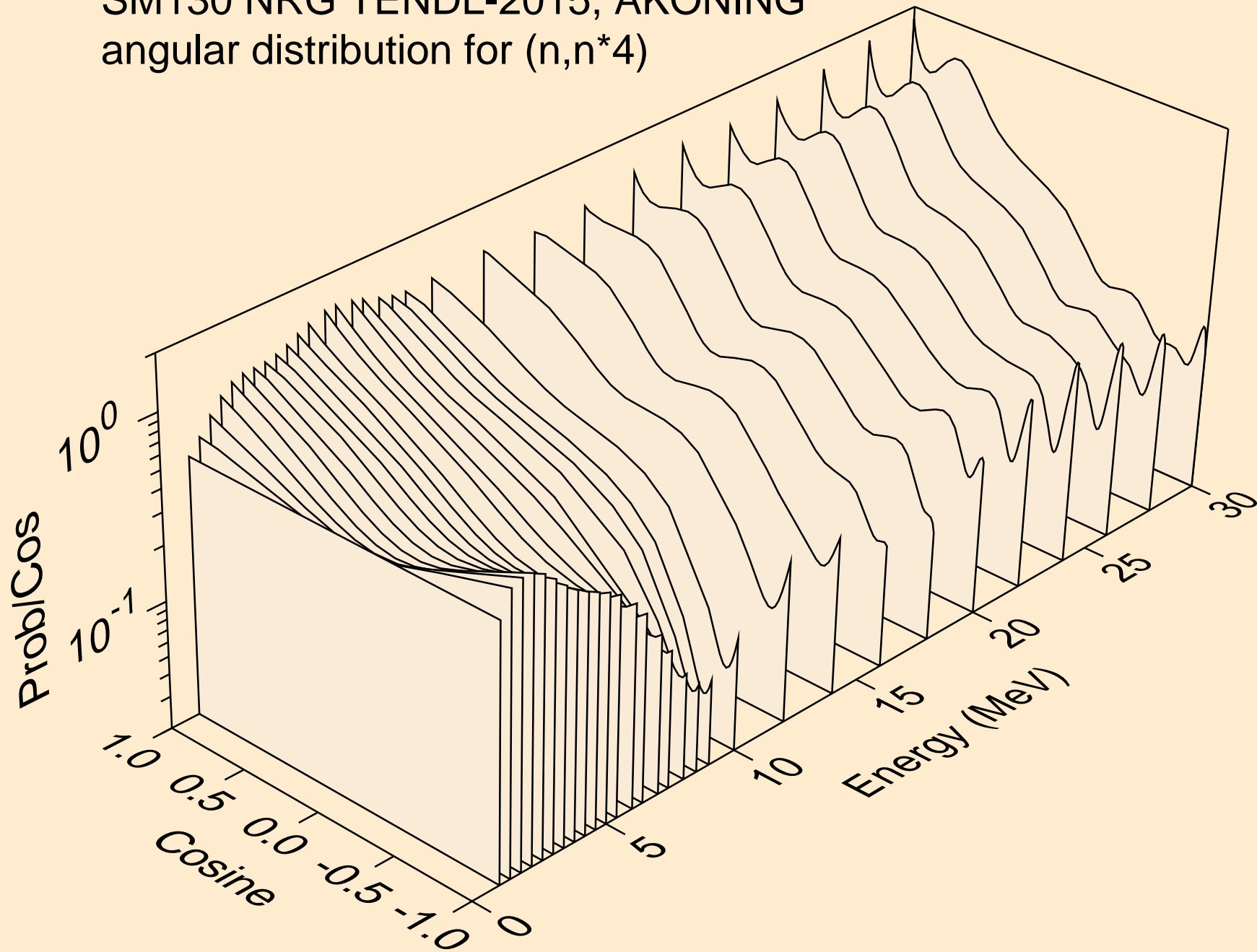
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



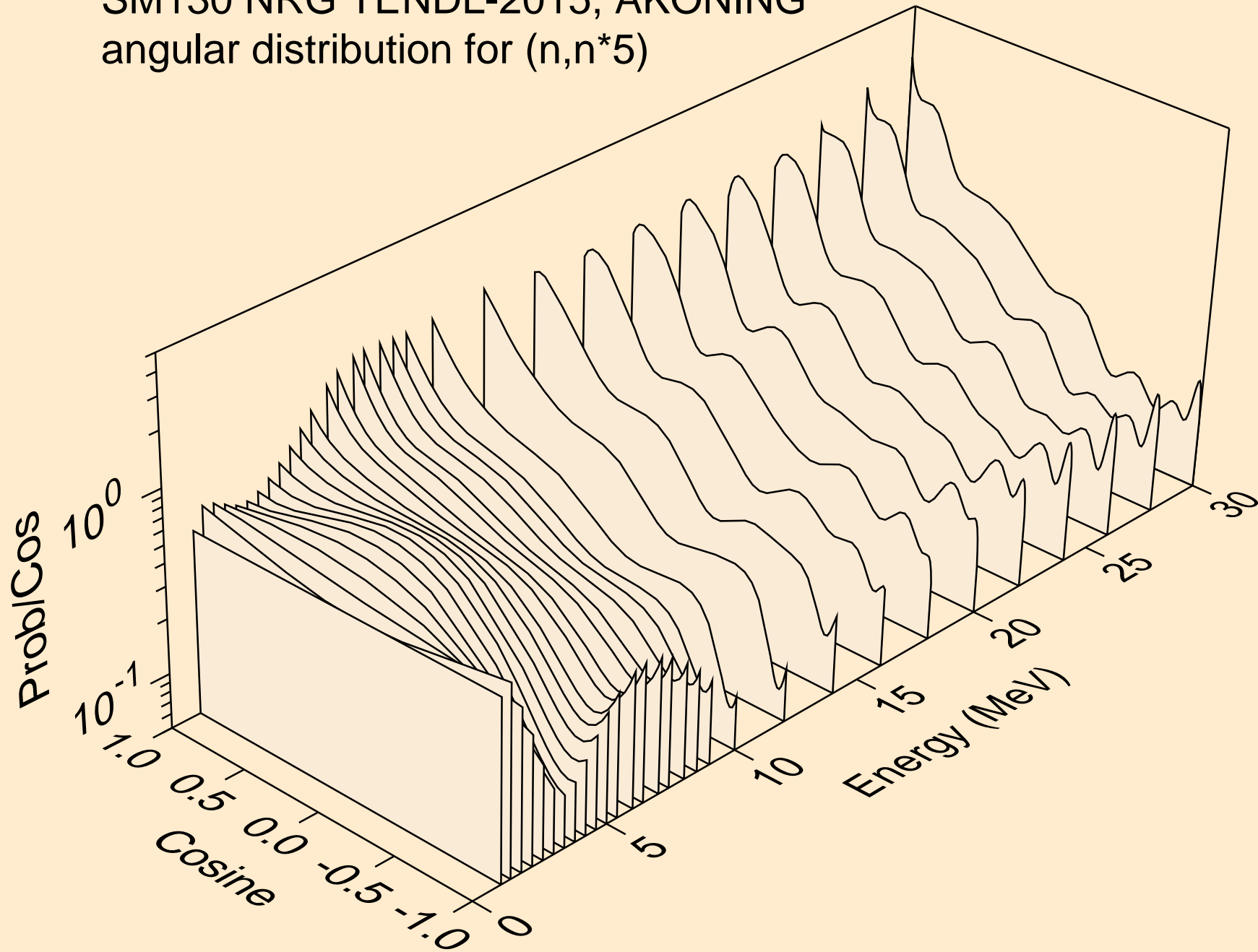
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



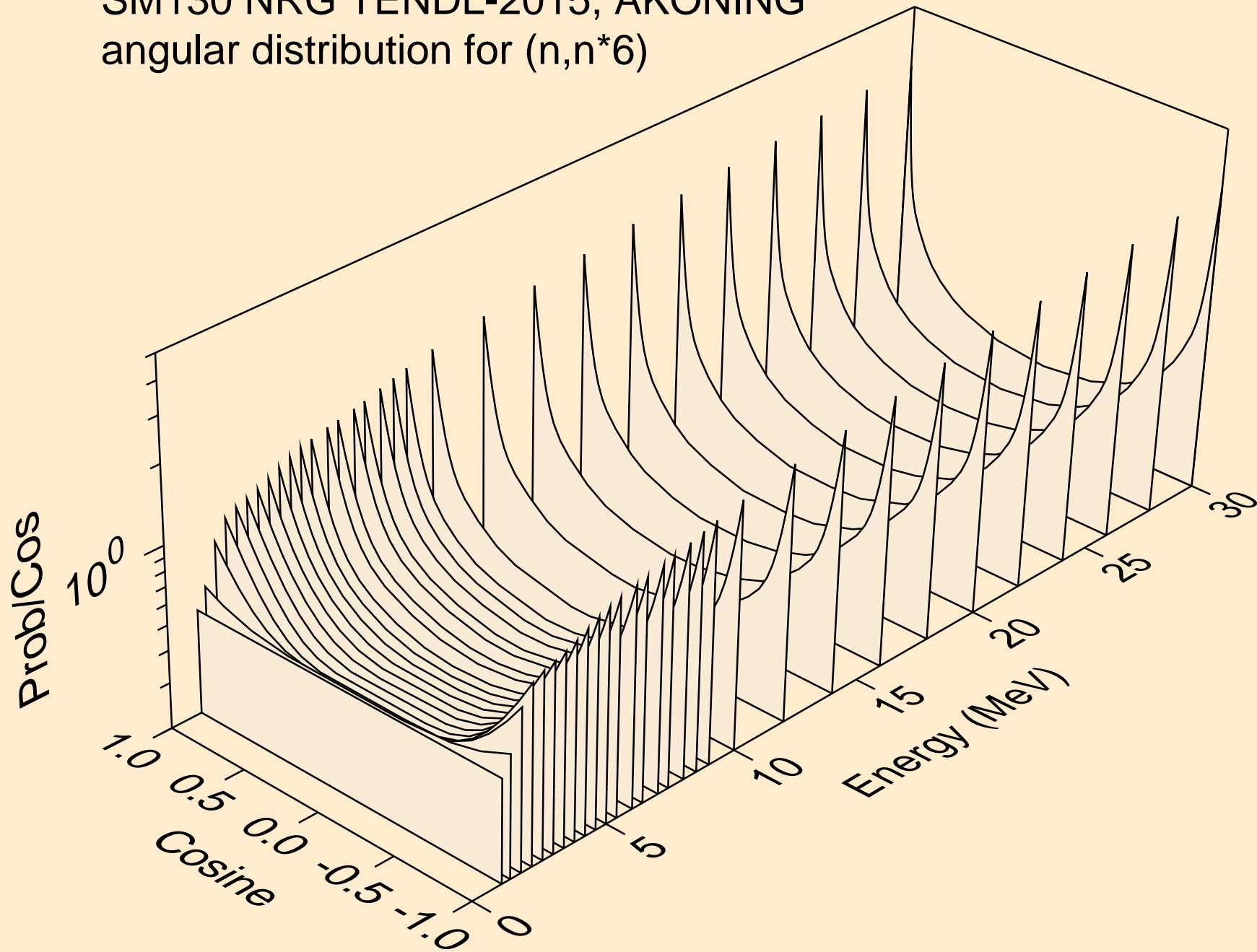
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



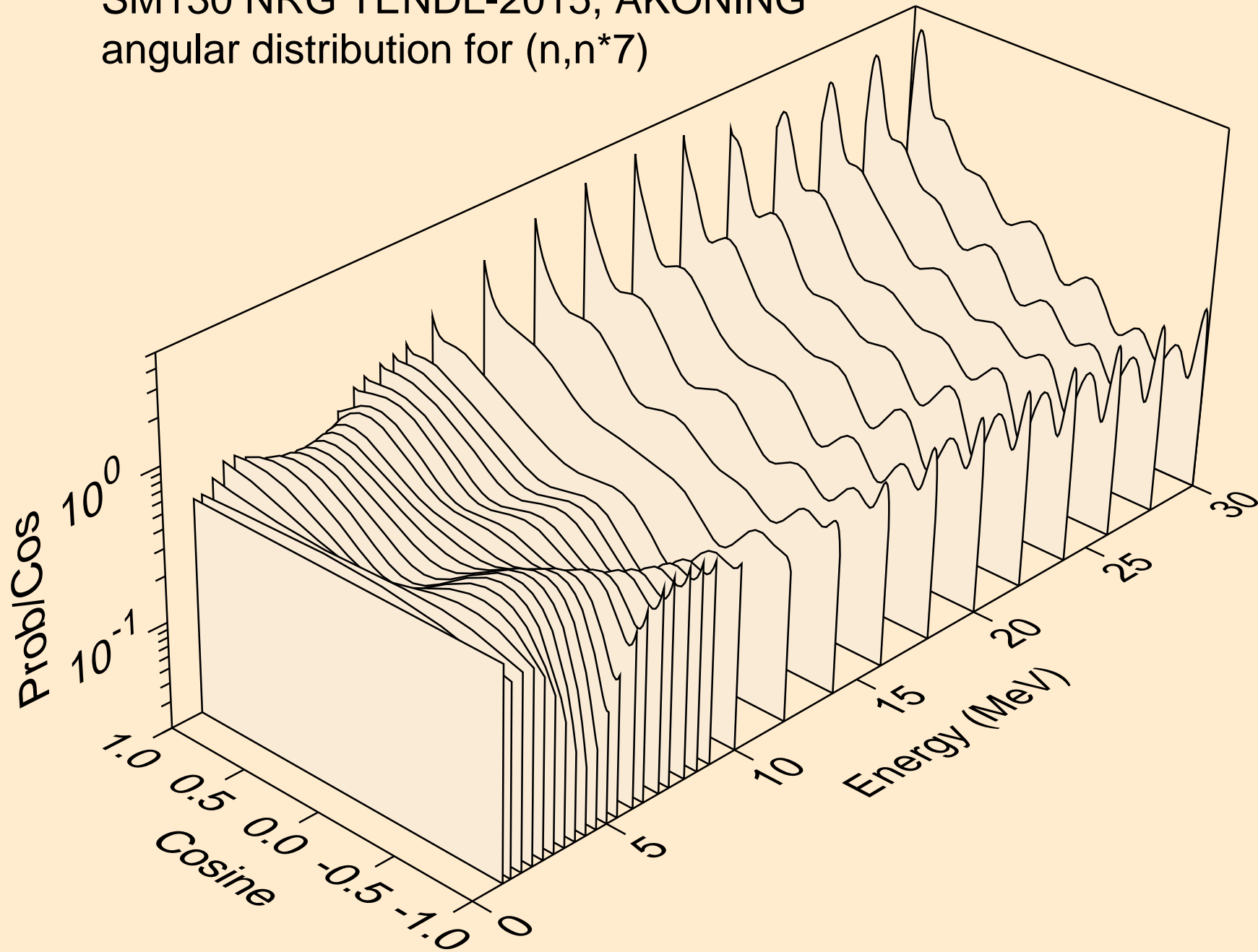
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



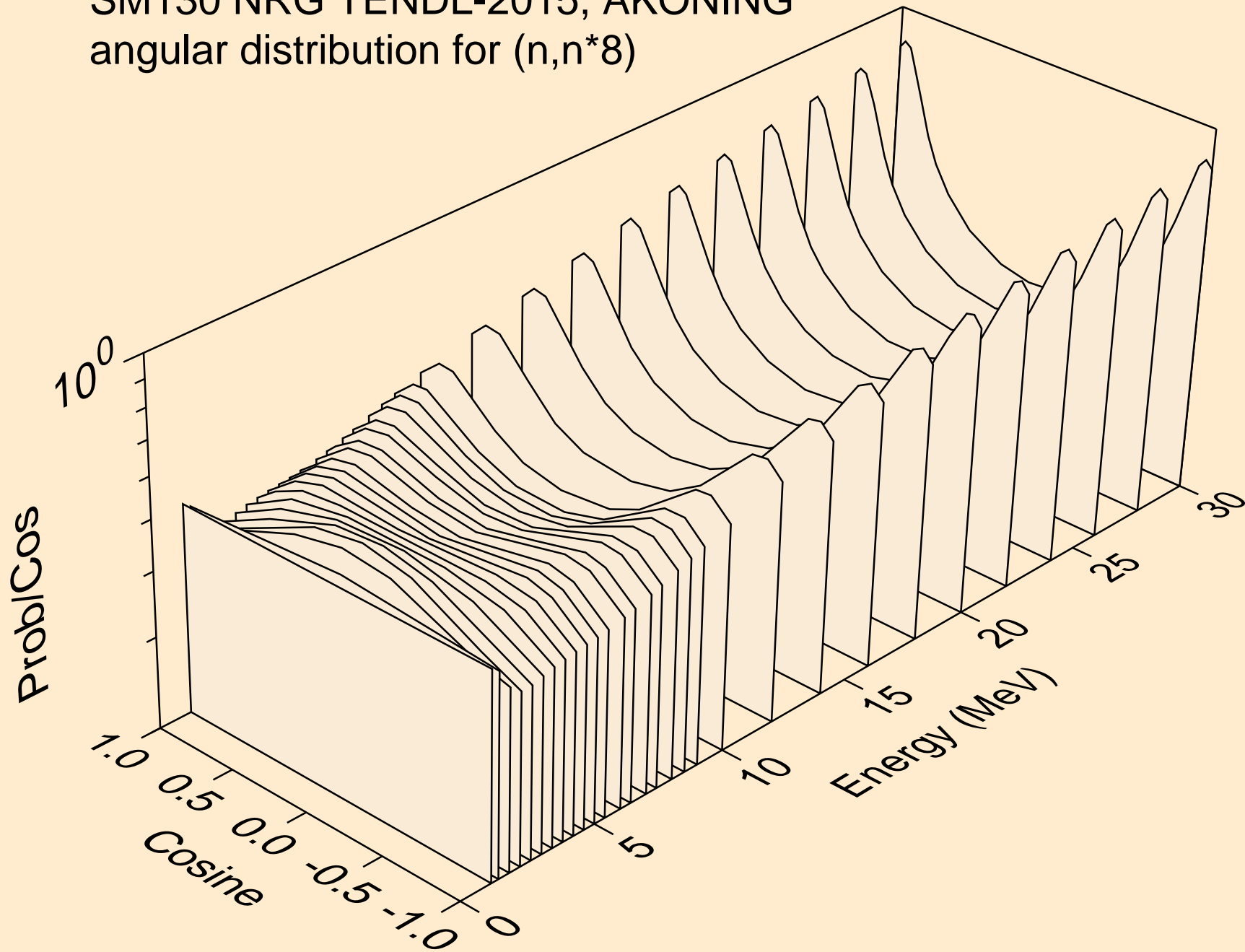
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

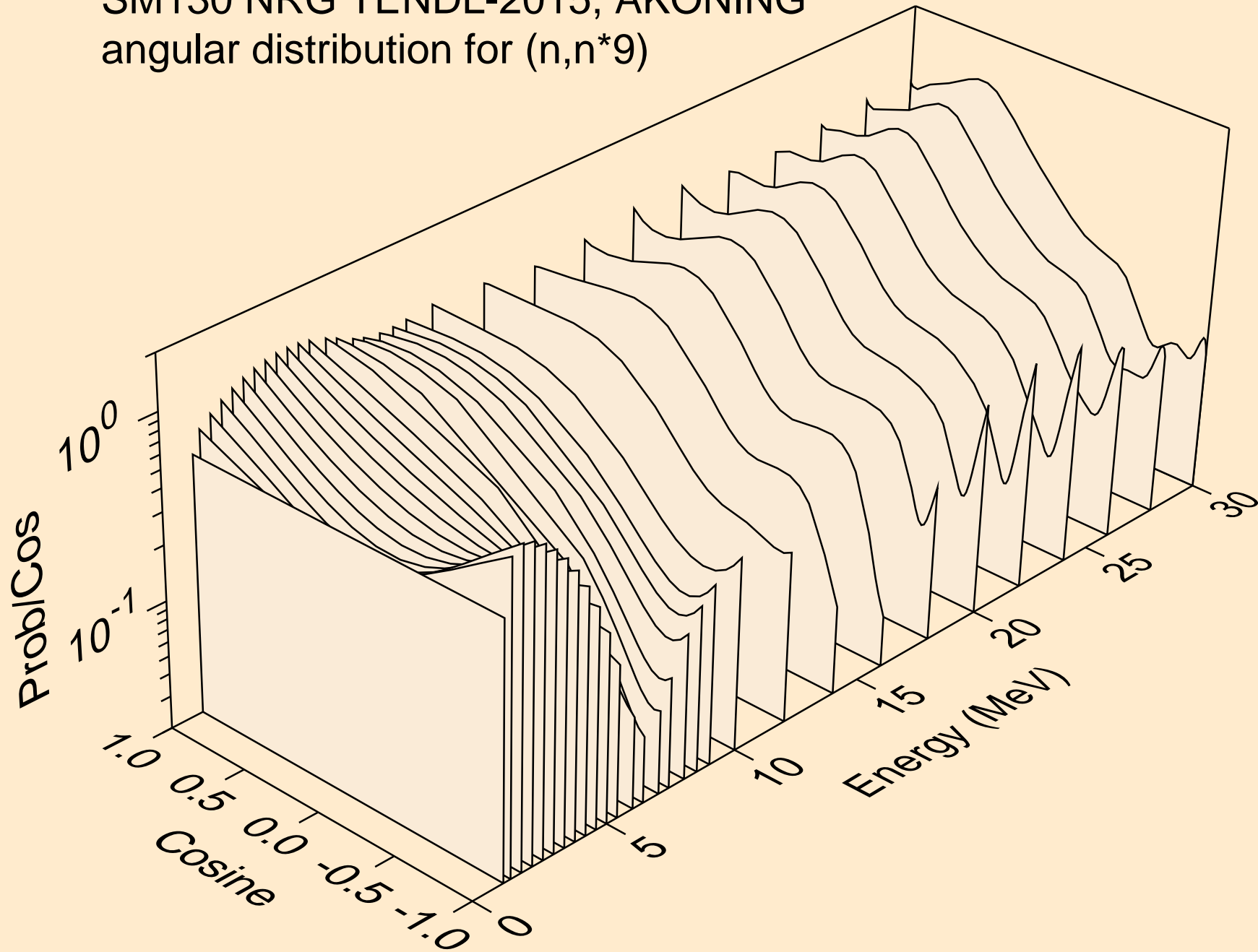


SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

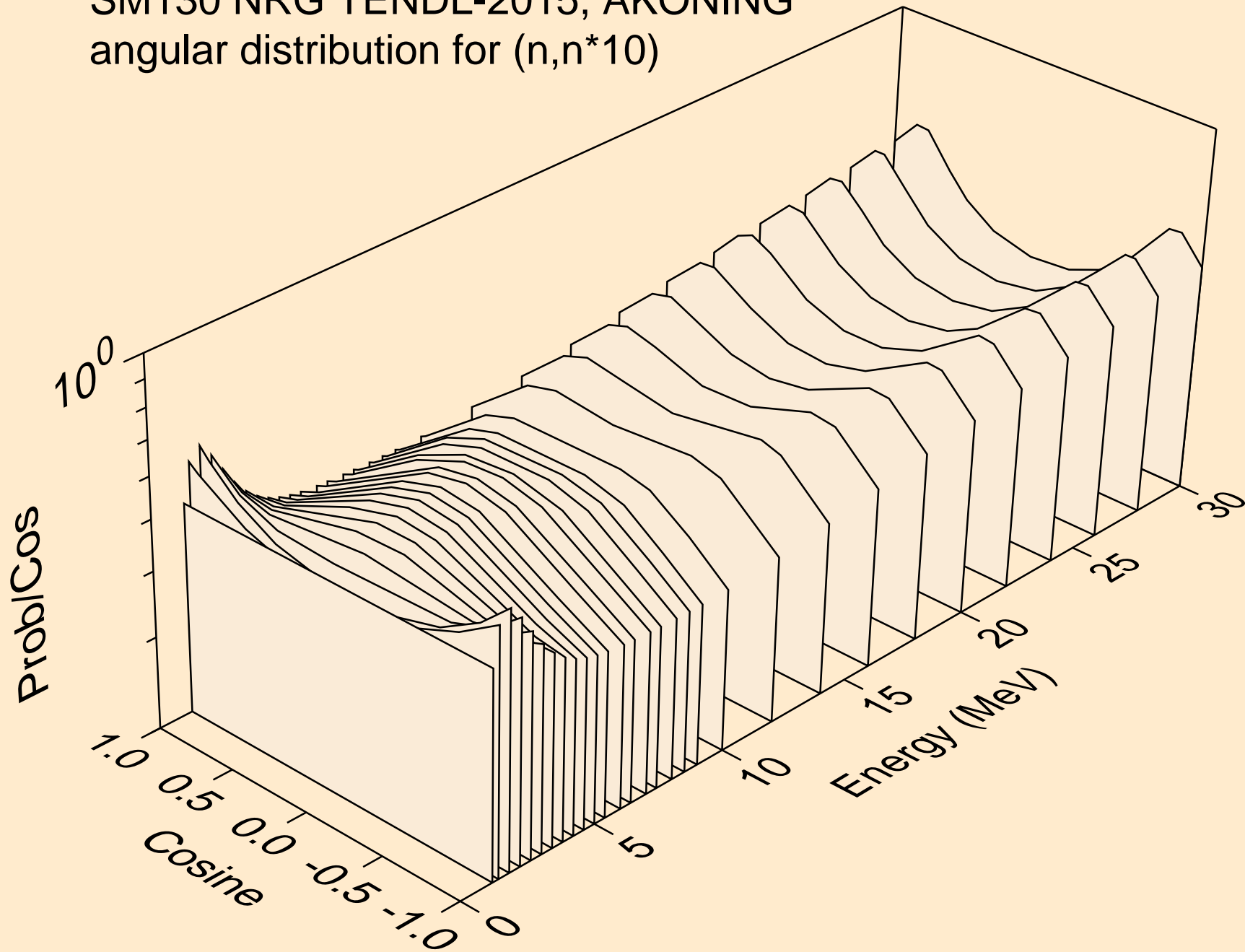




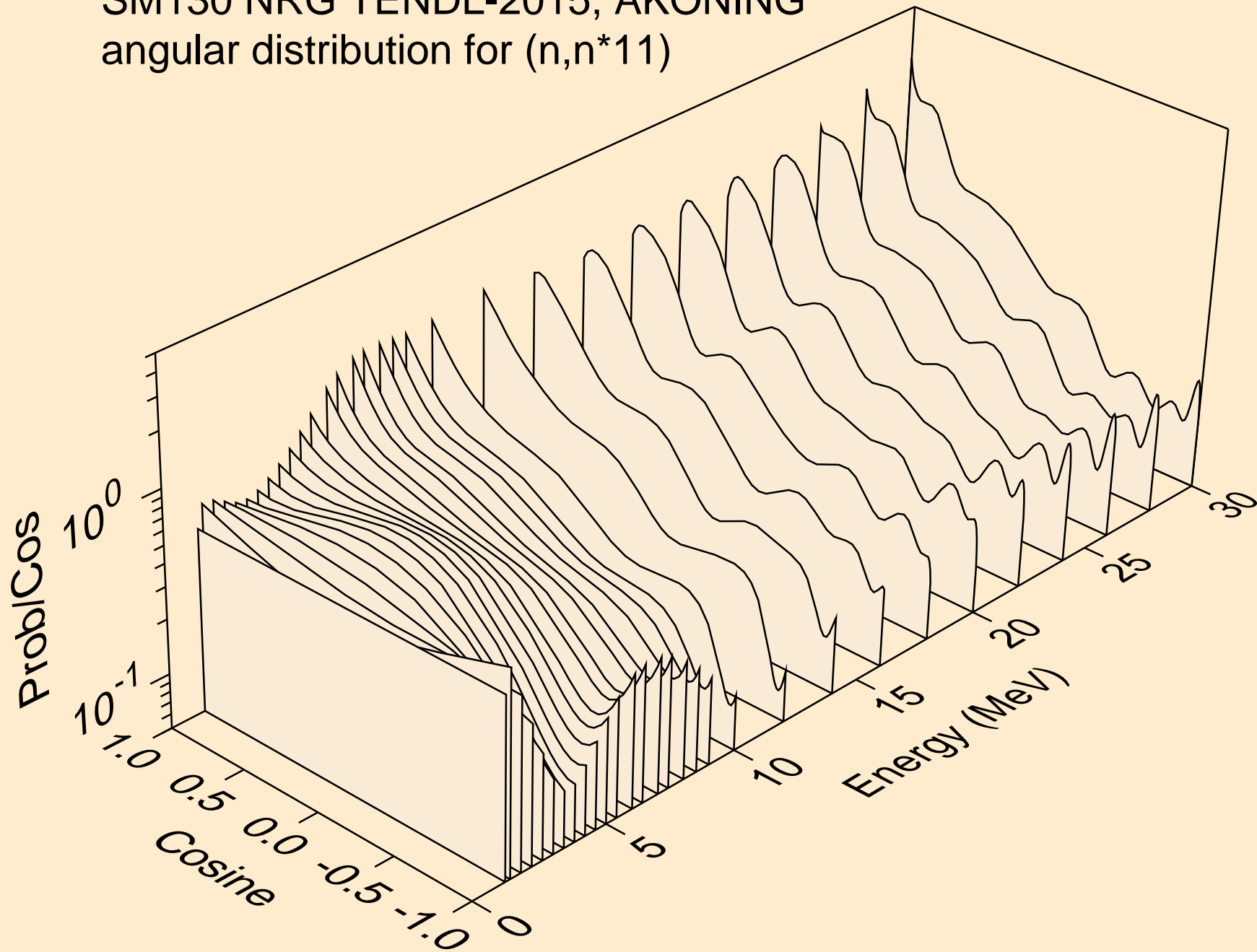
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



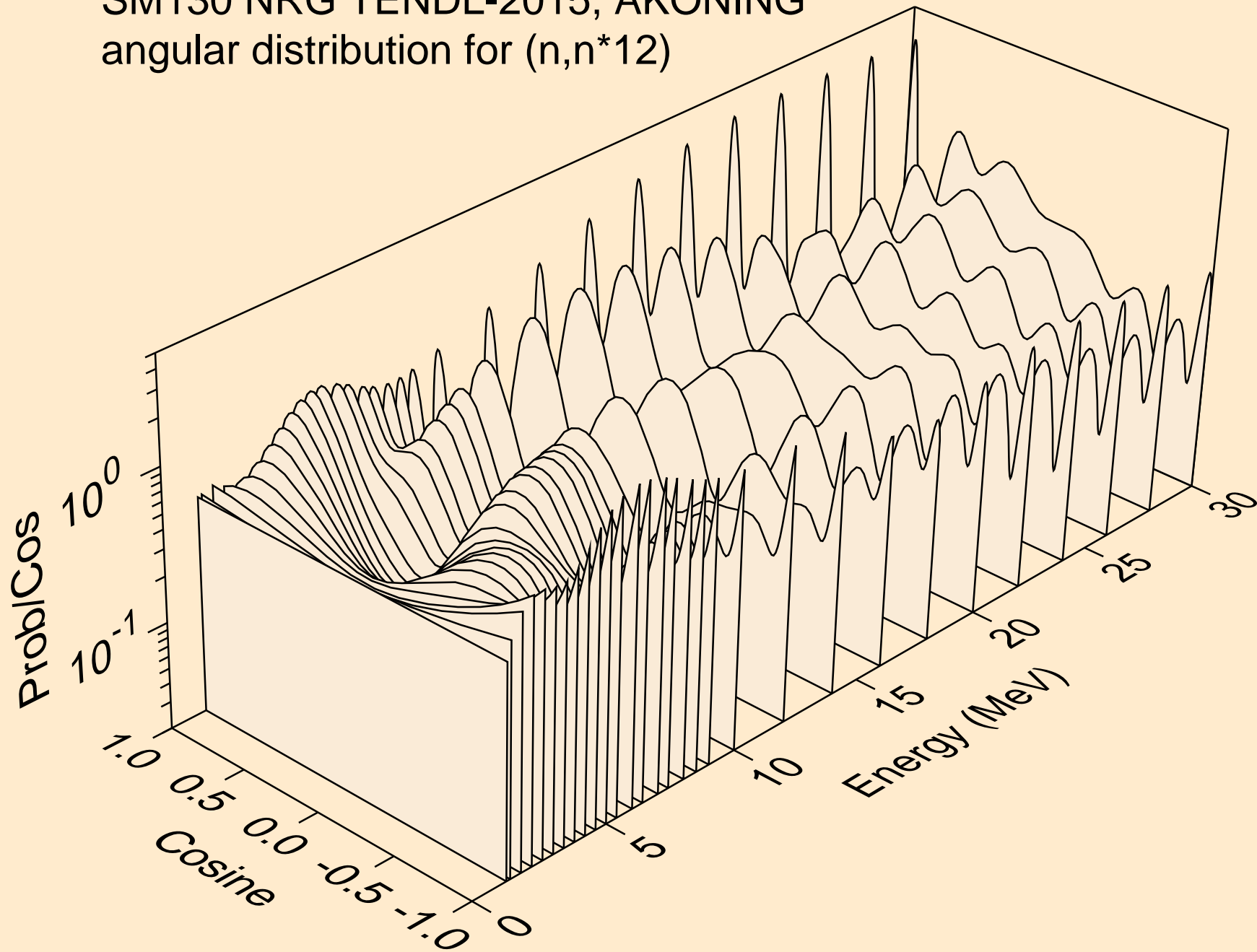
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



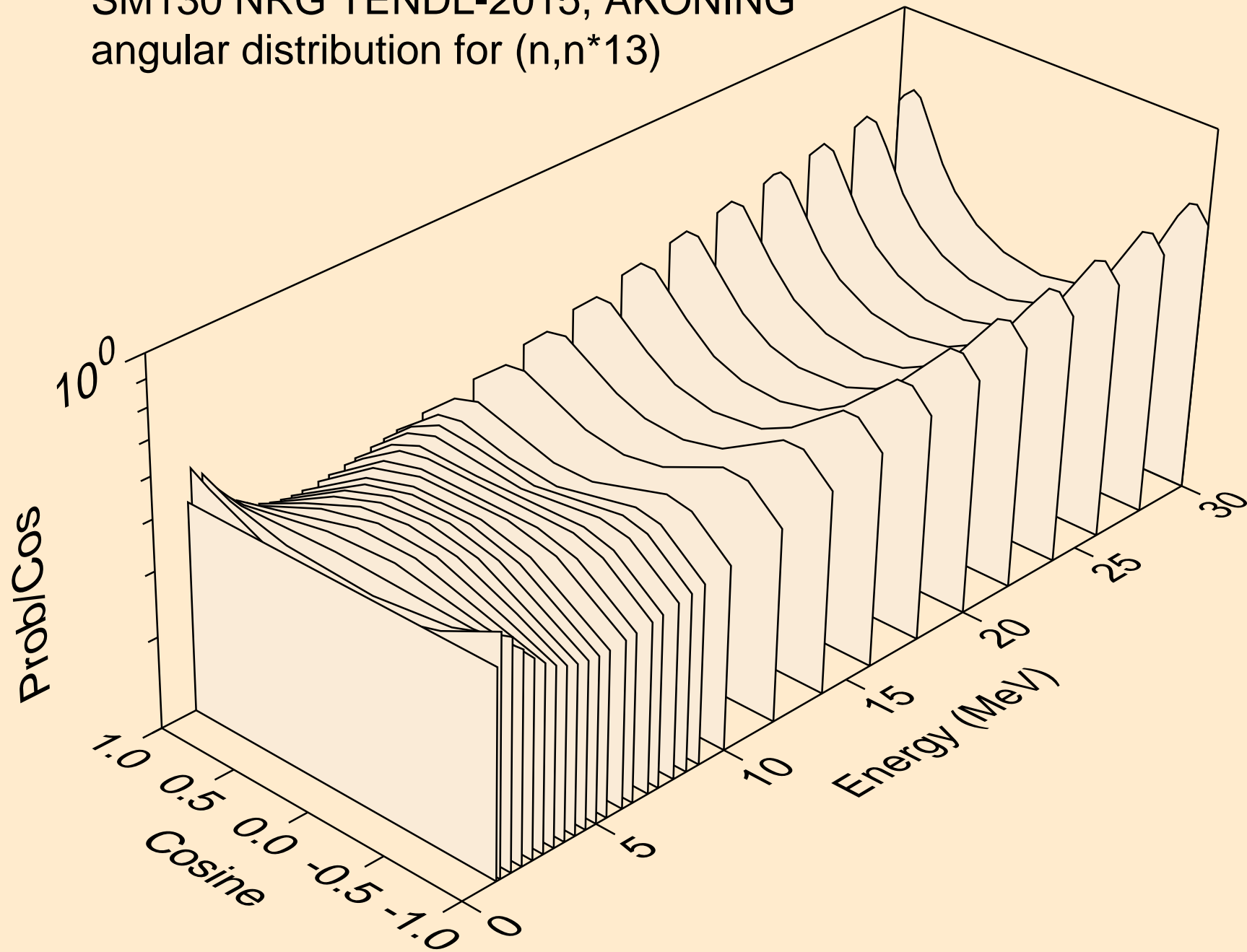
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



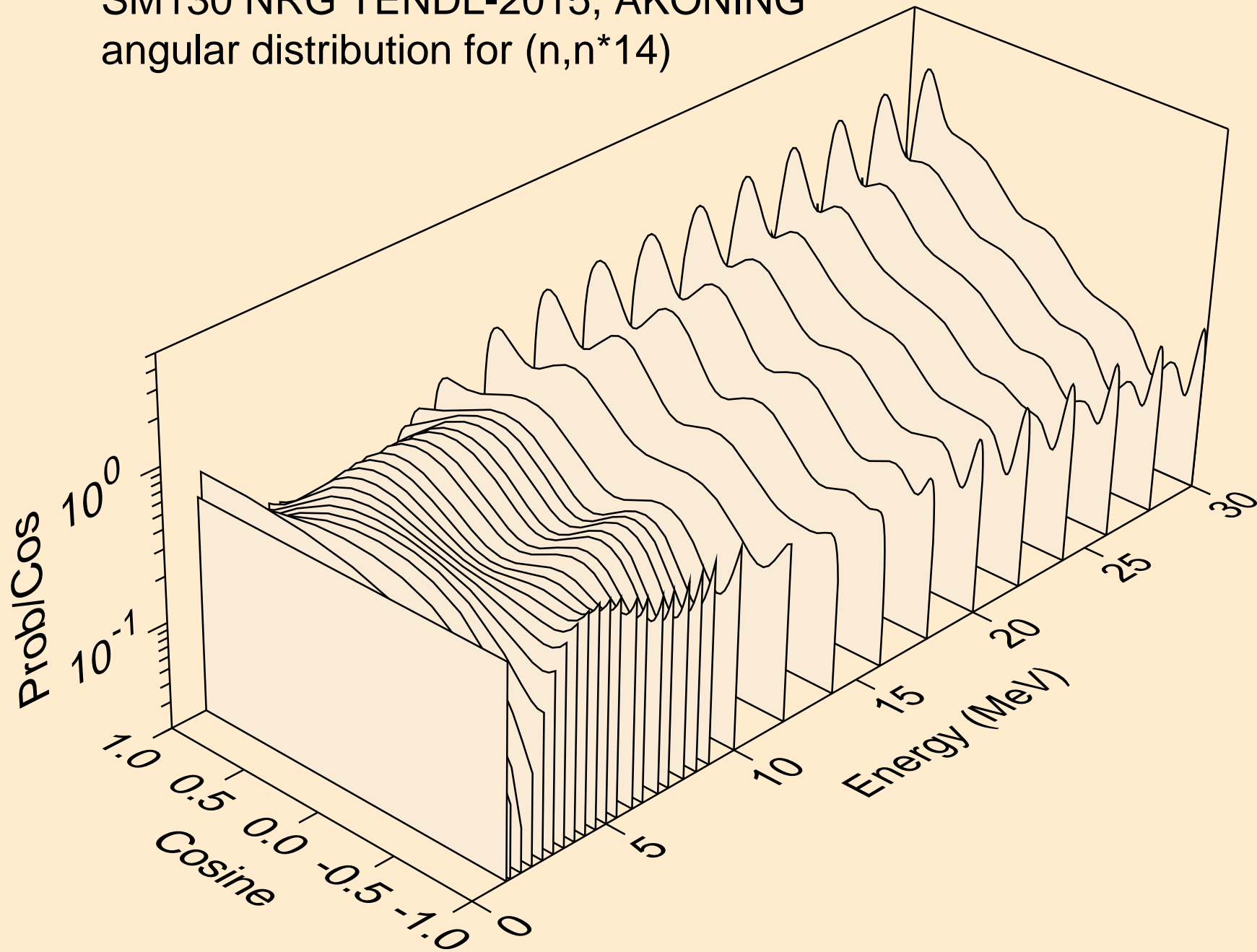
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



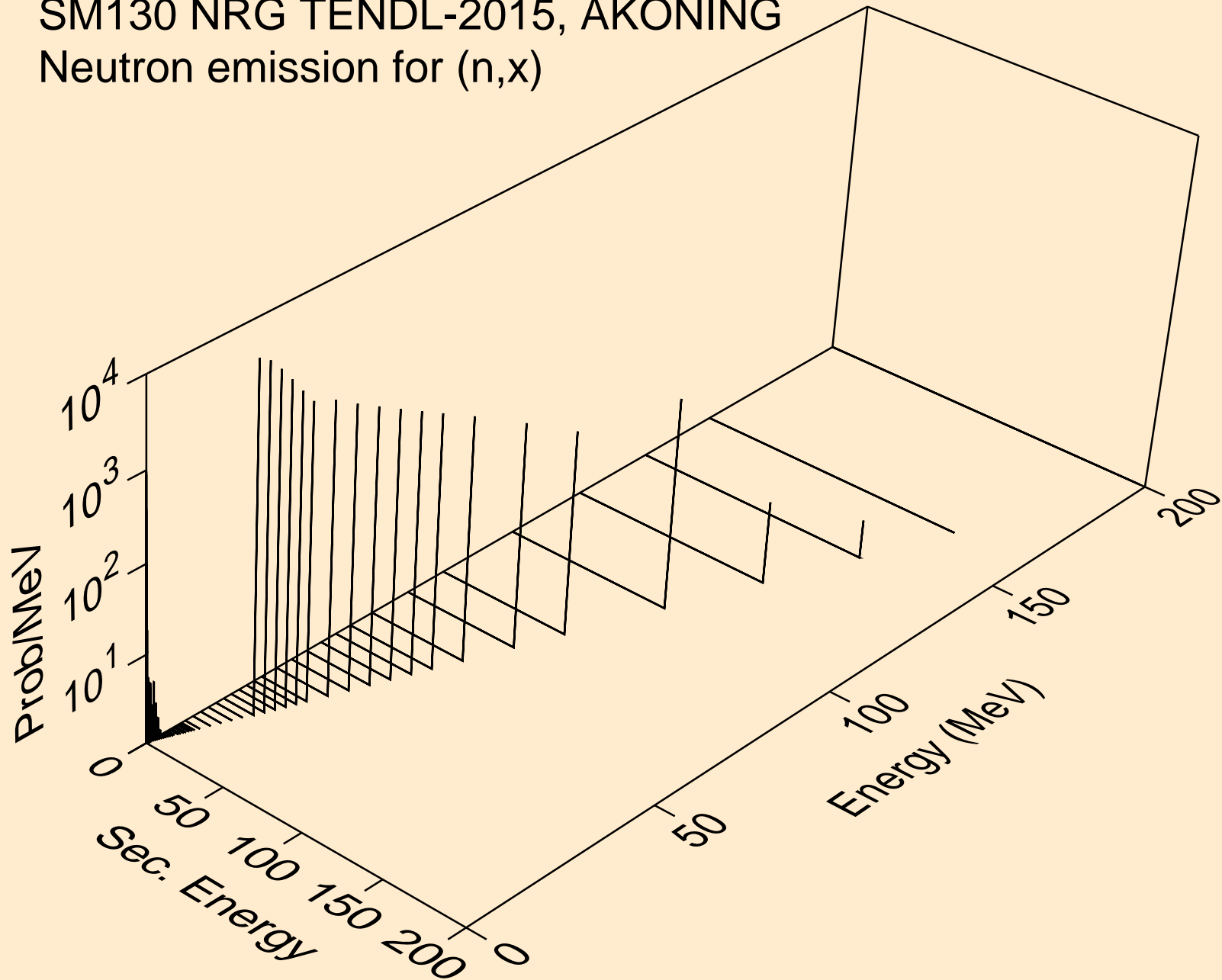
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



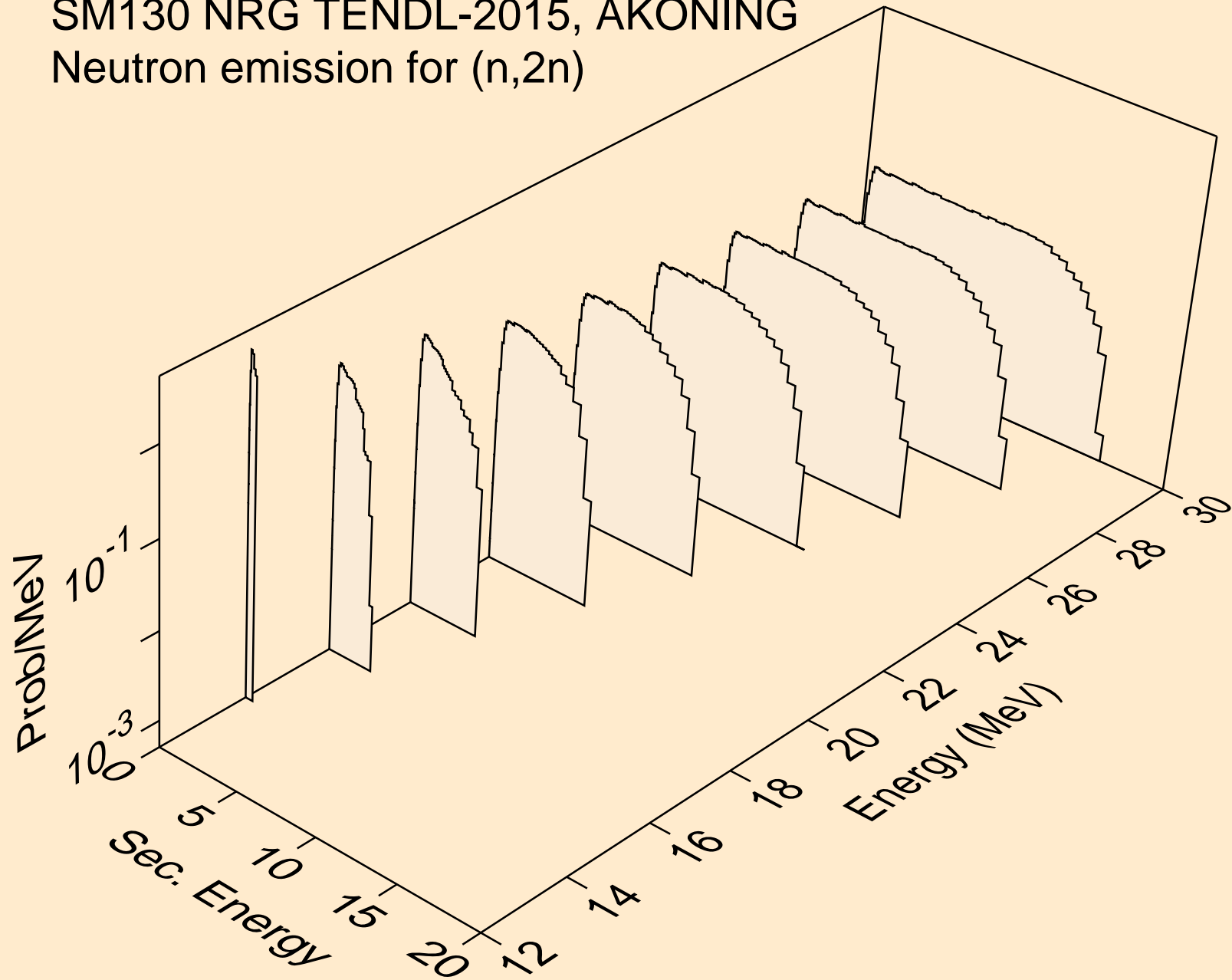
SM130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

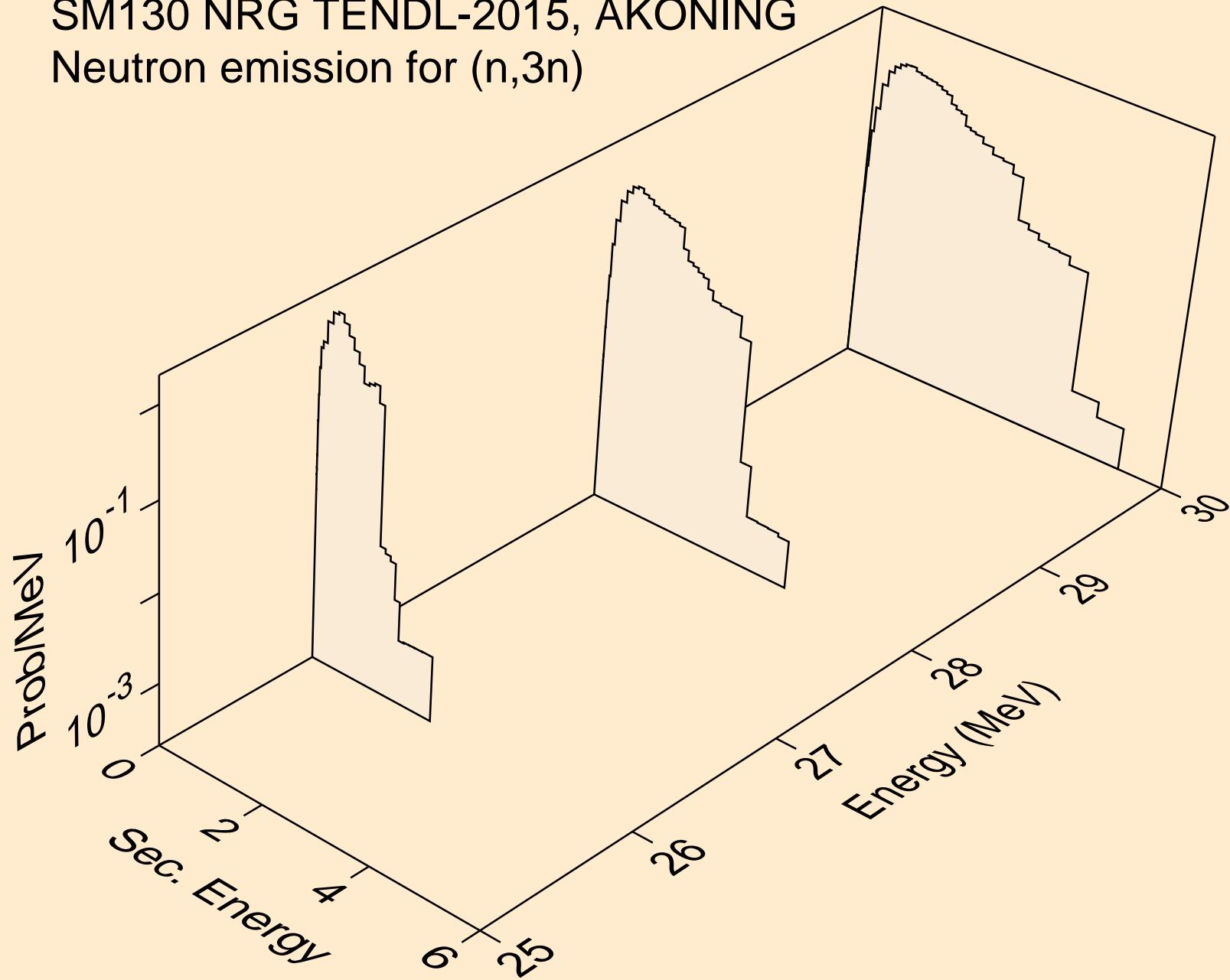


SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

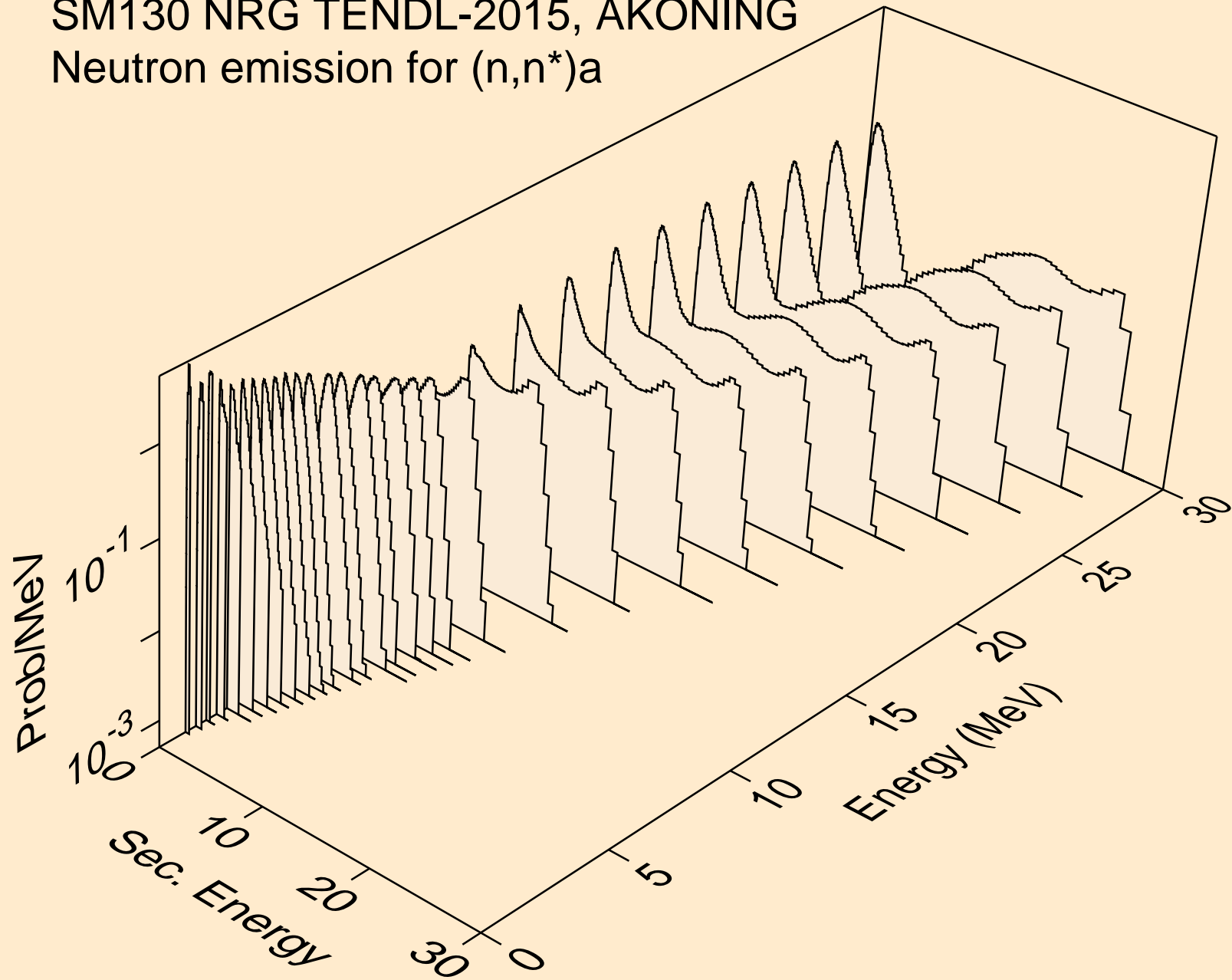




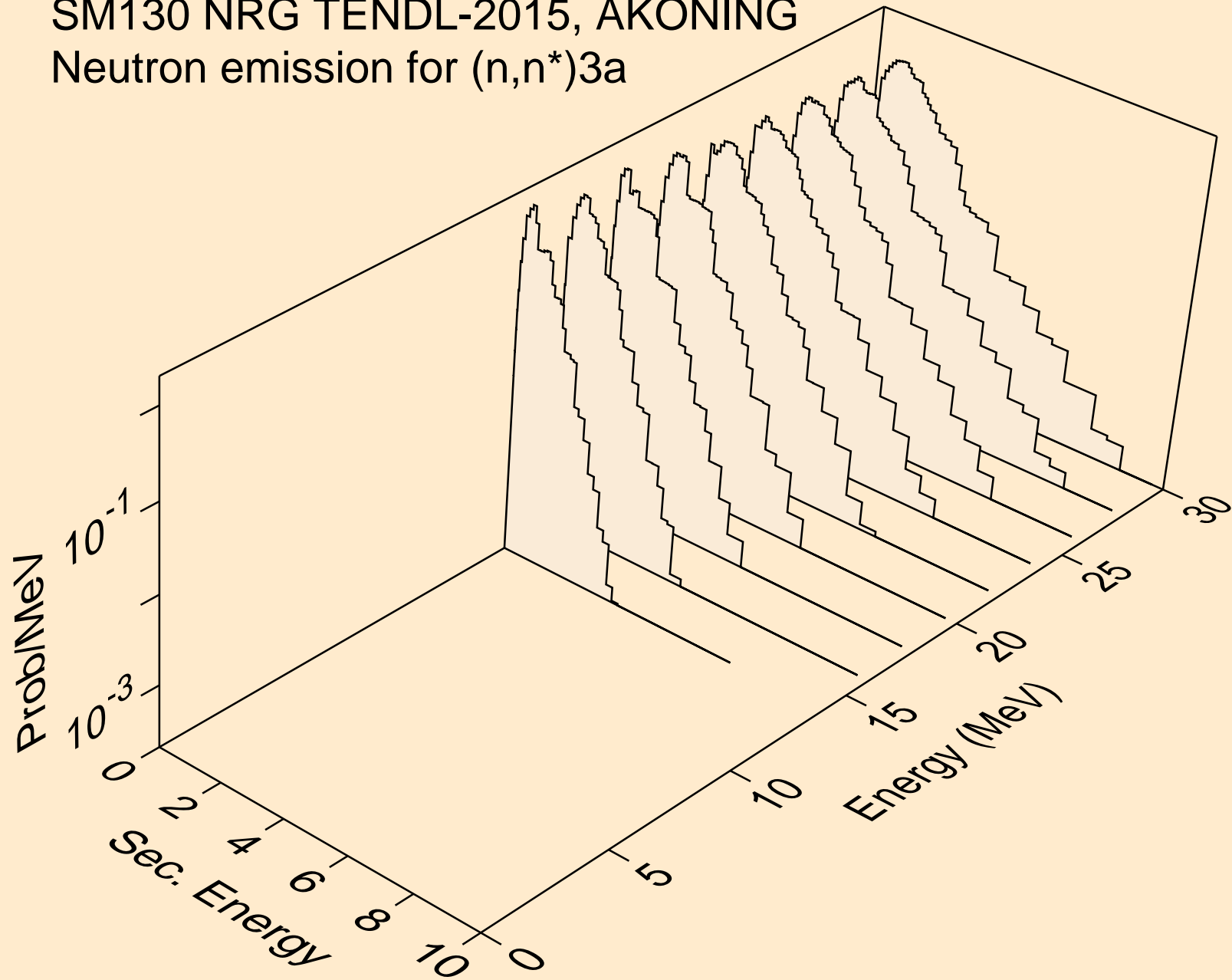
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



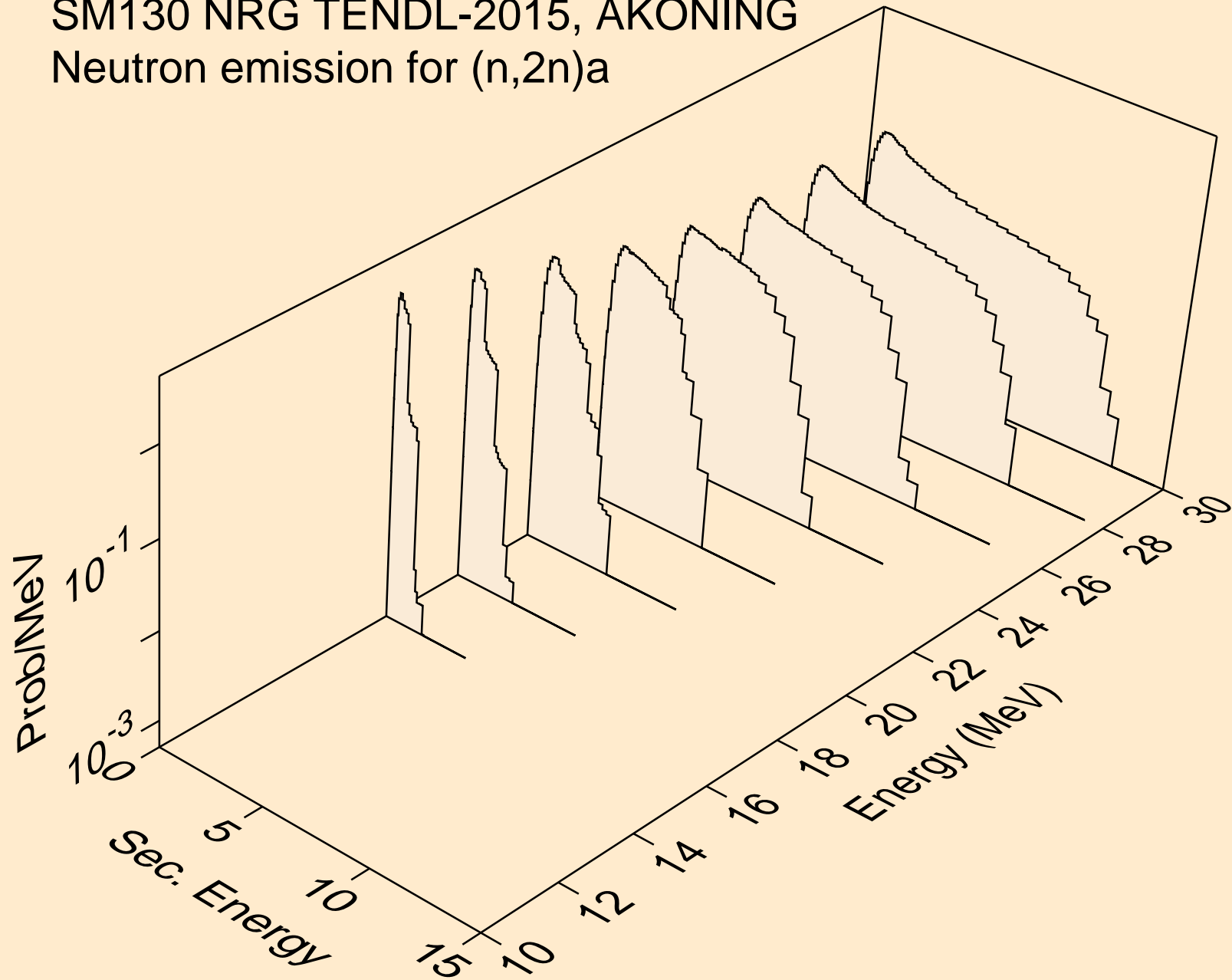
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



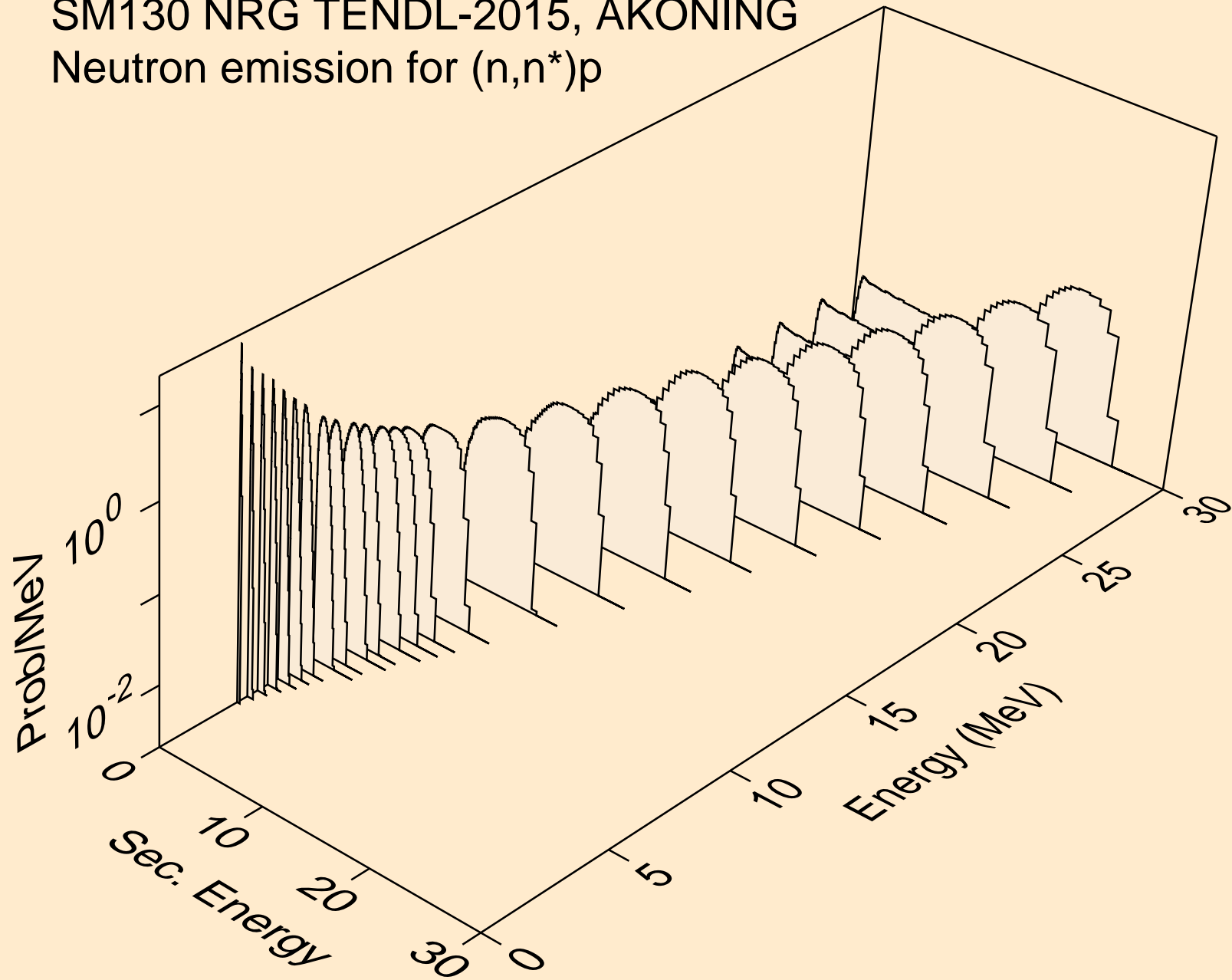
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



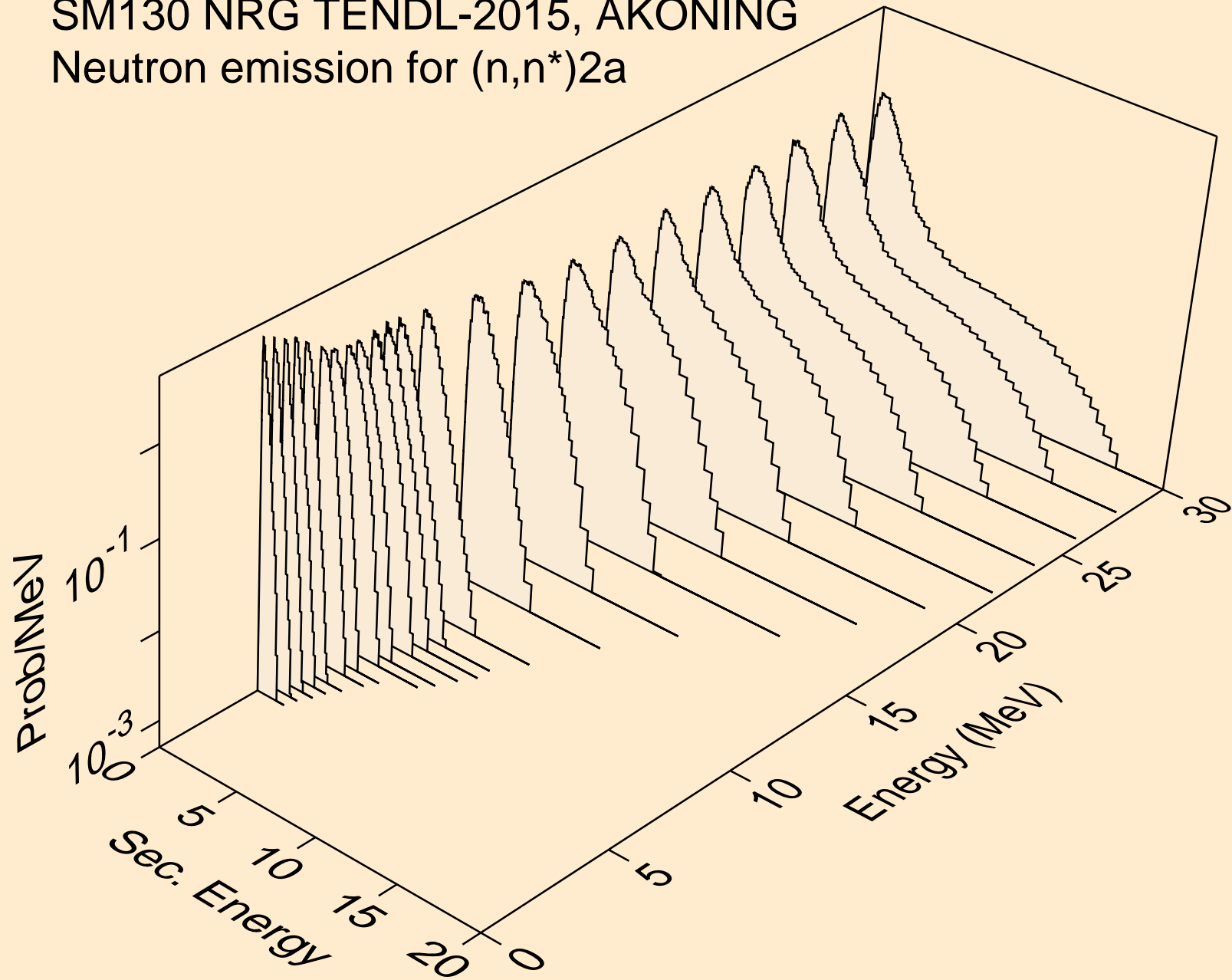
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



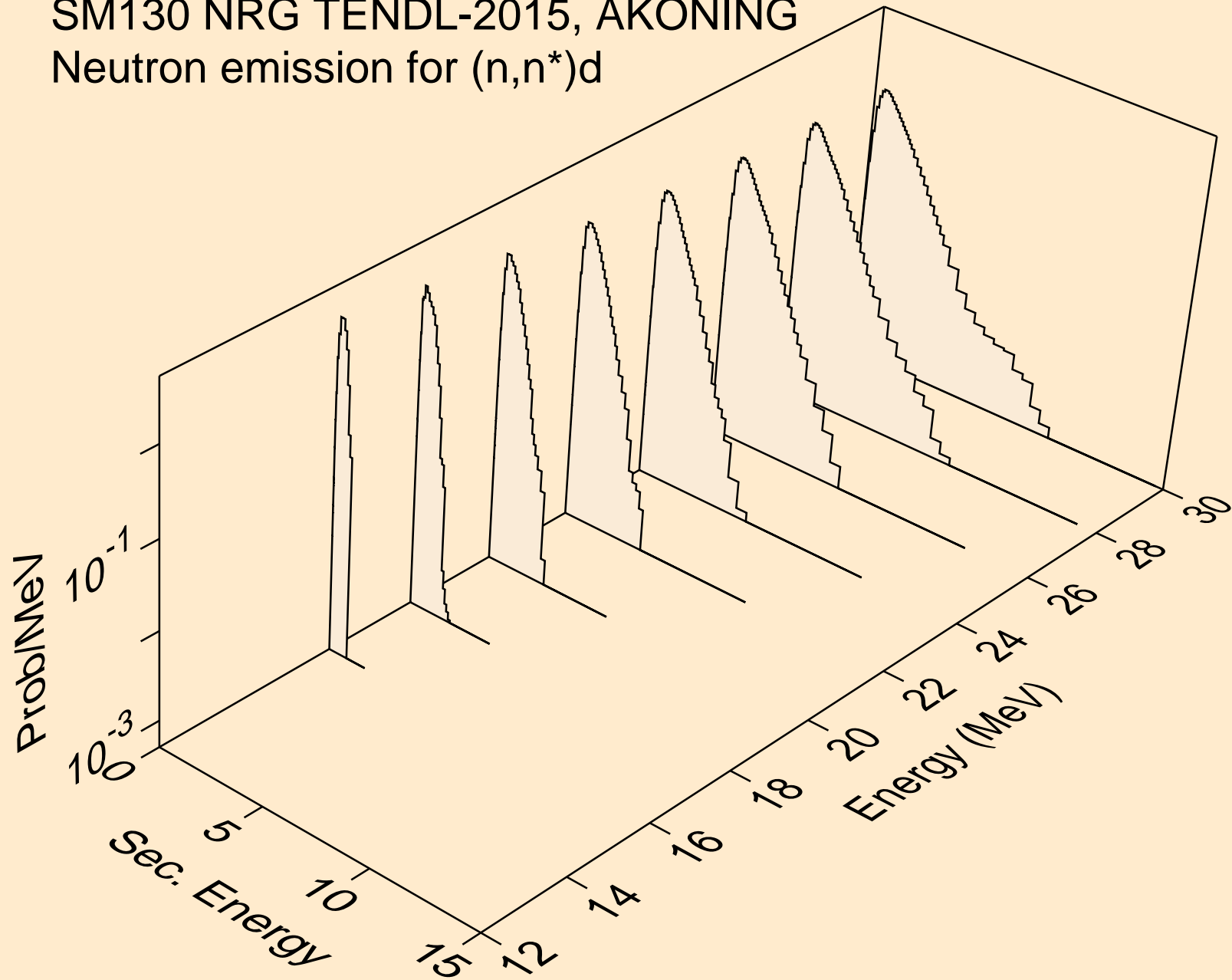
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



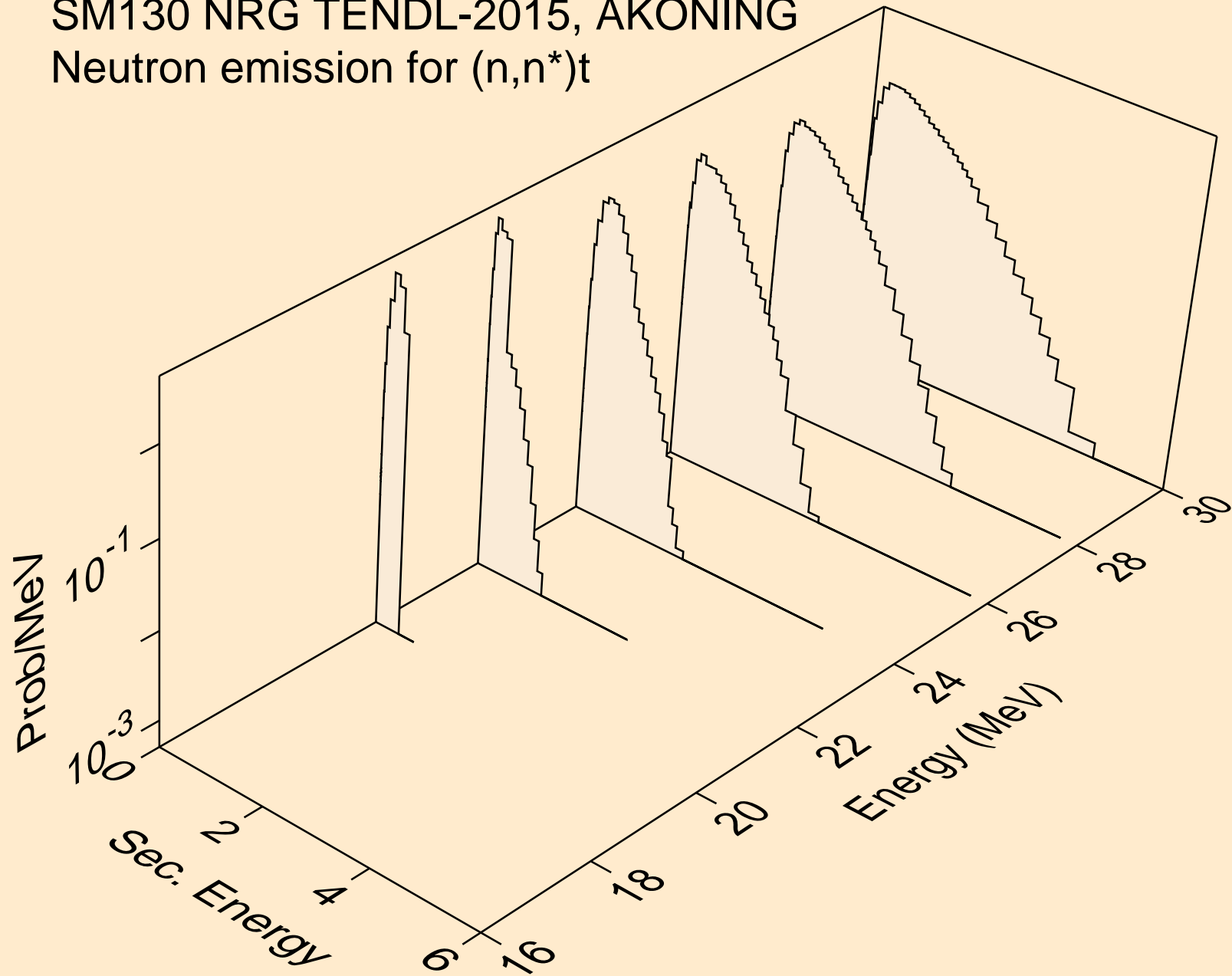
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

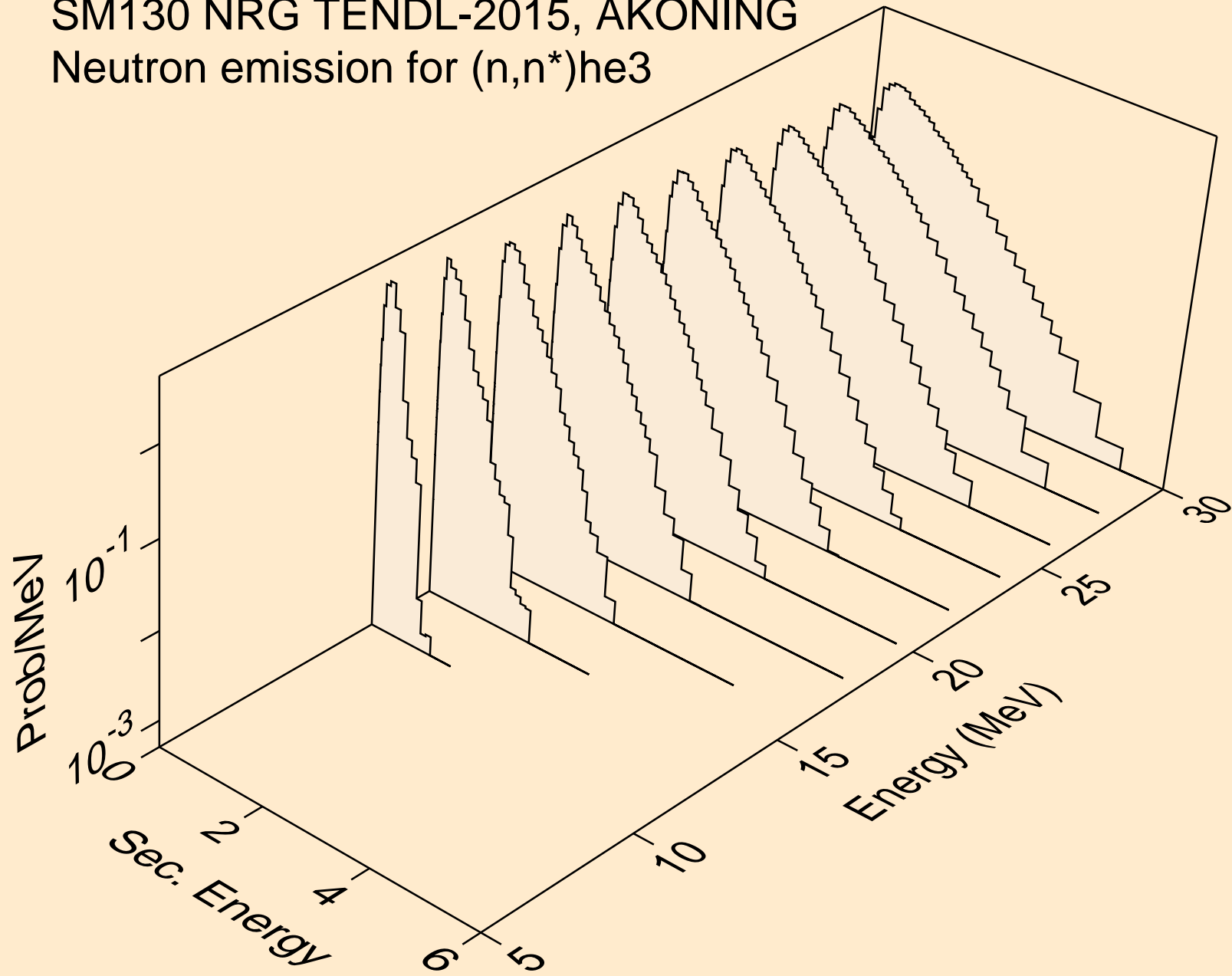


SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

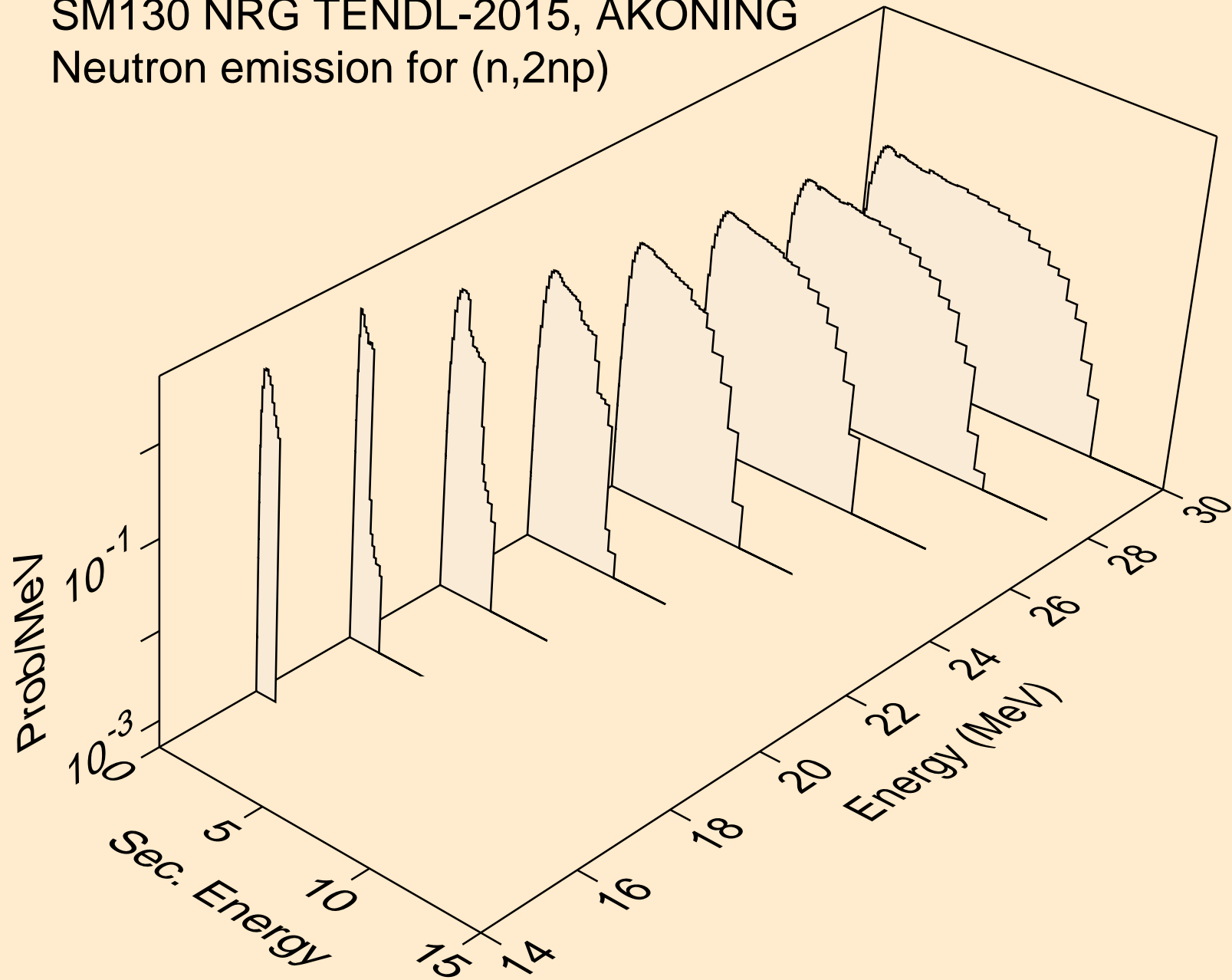




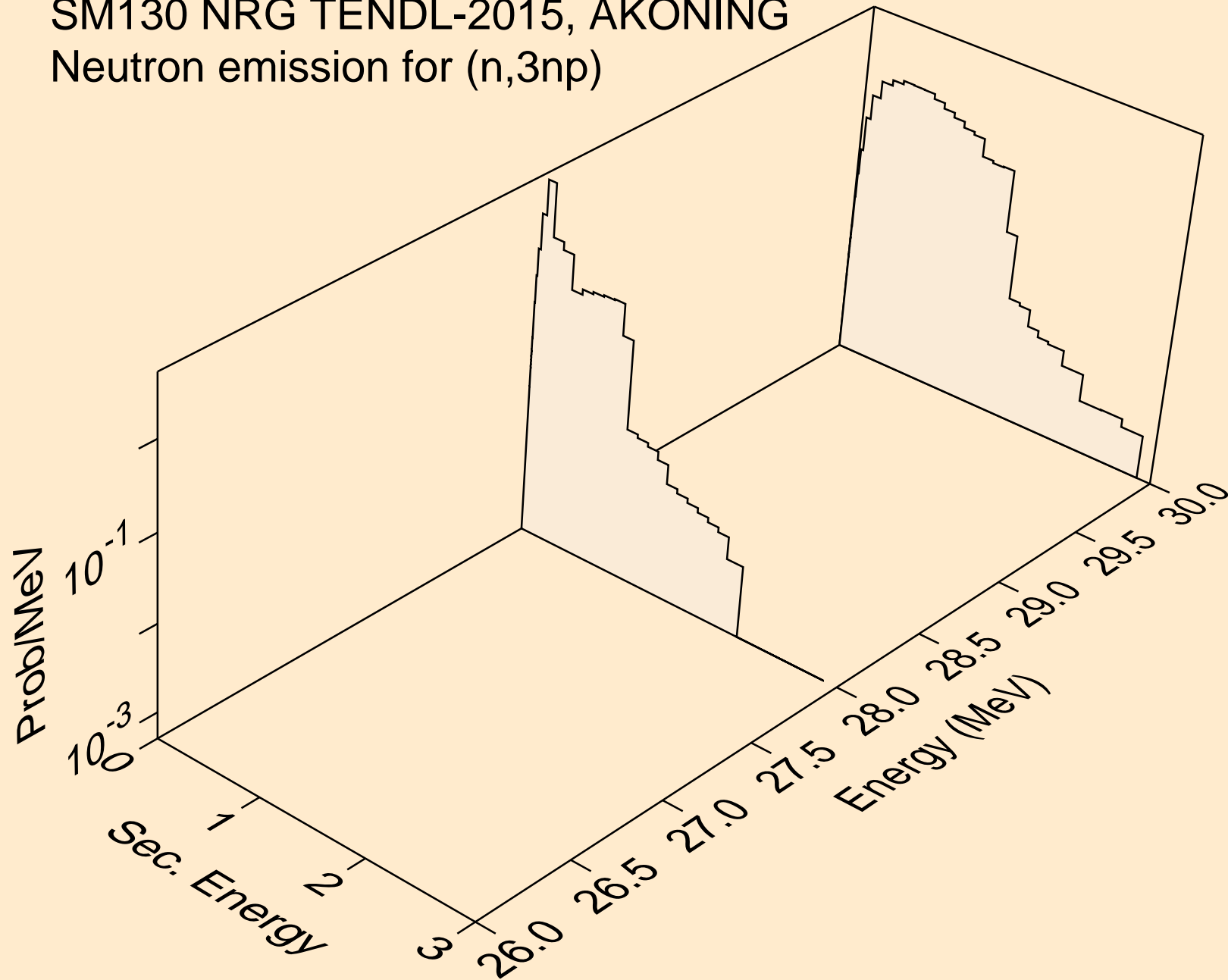
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



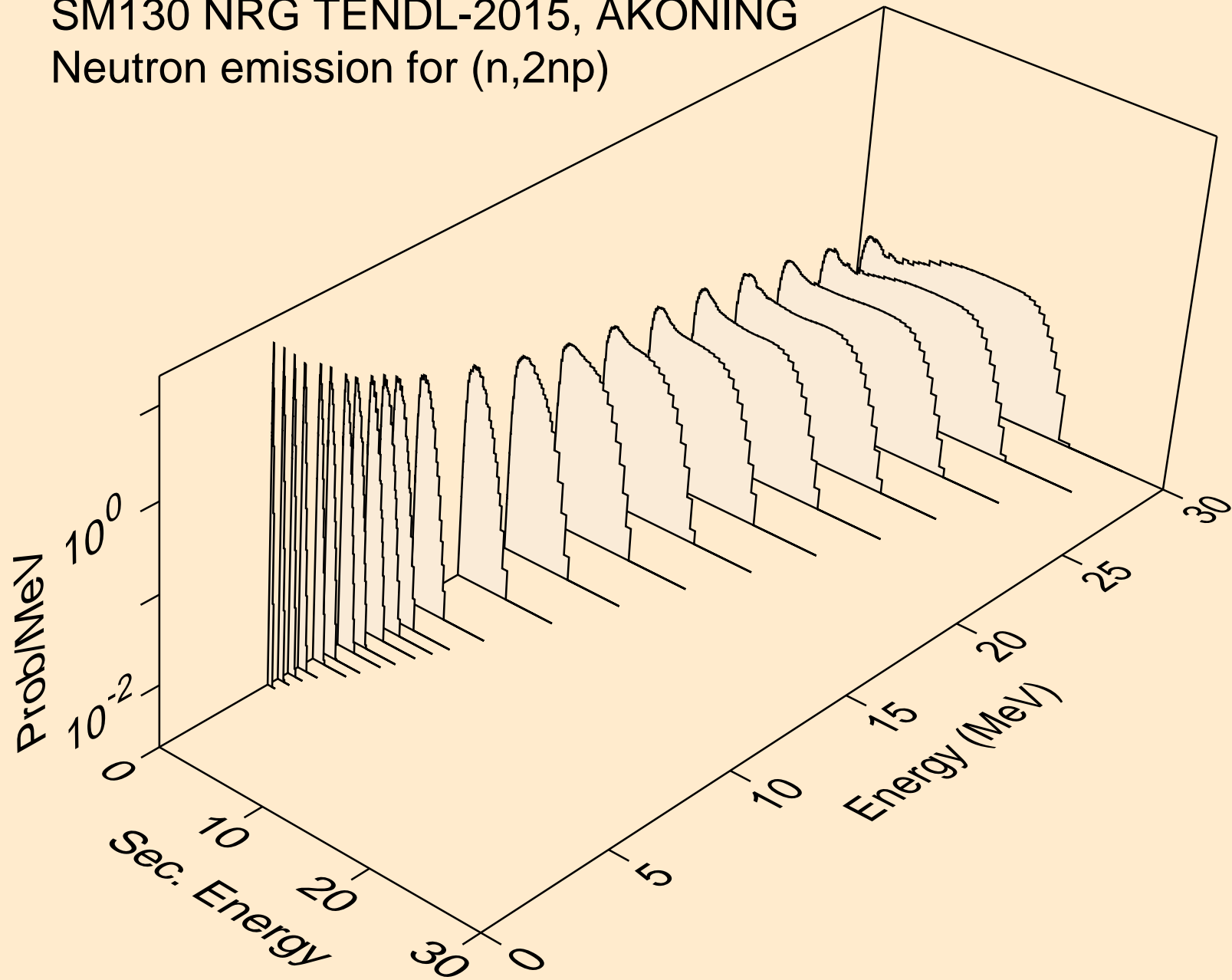
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



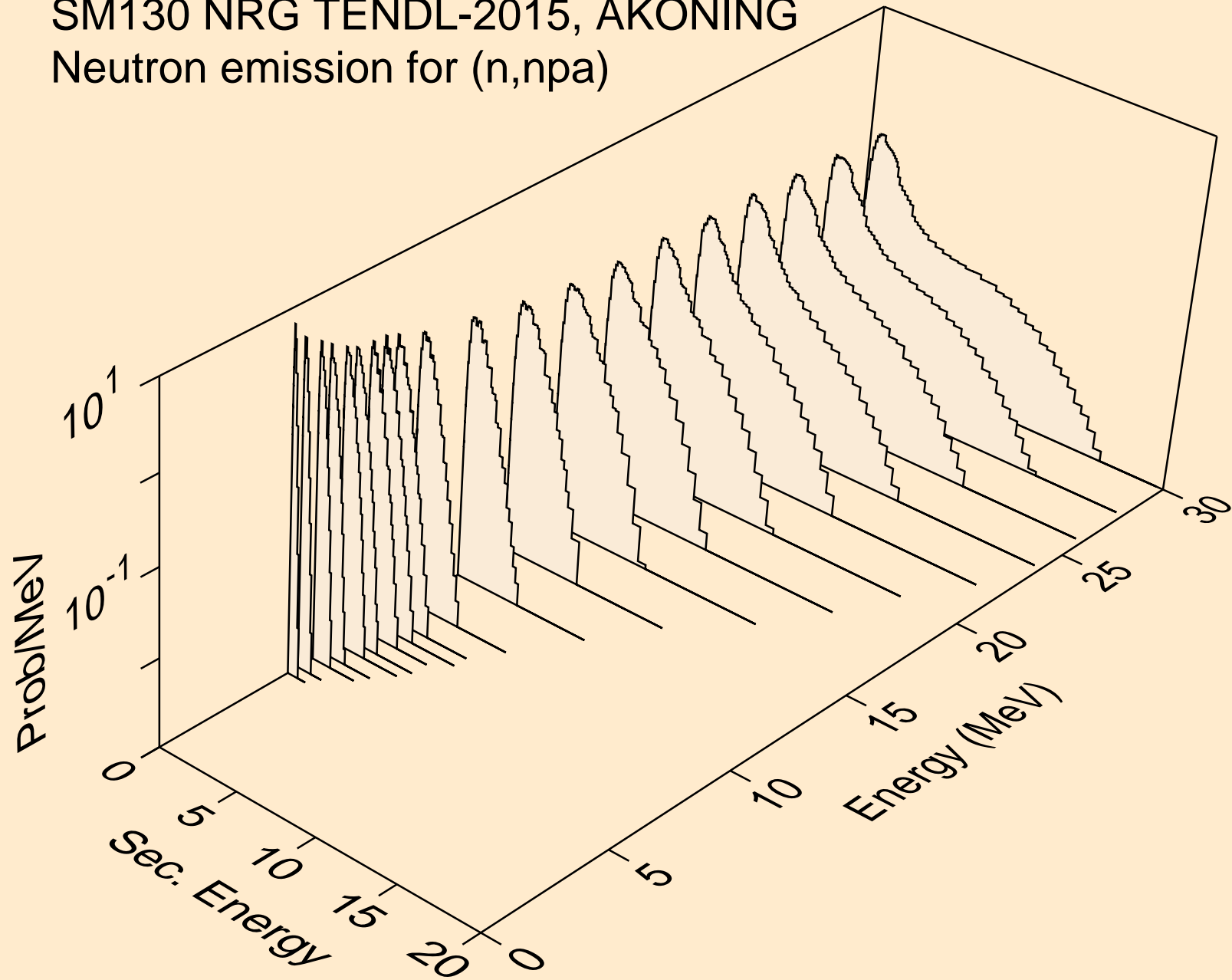
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



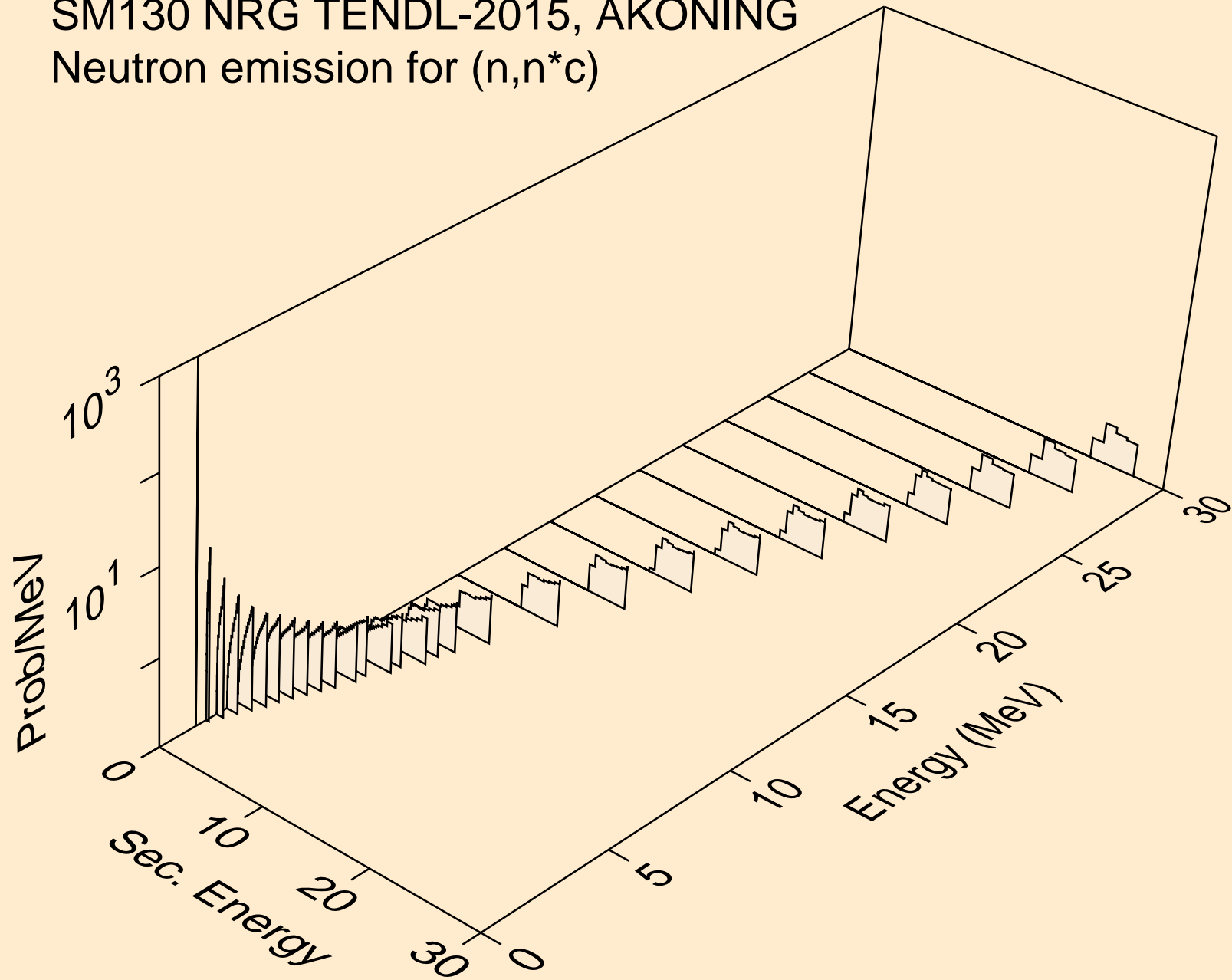
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



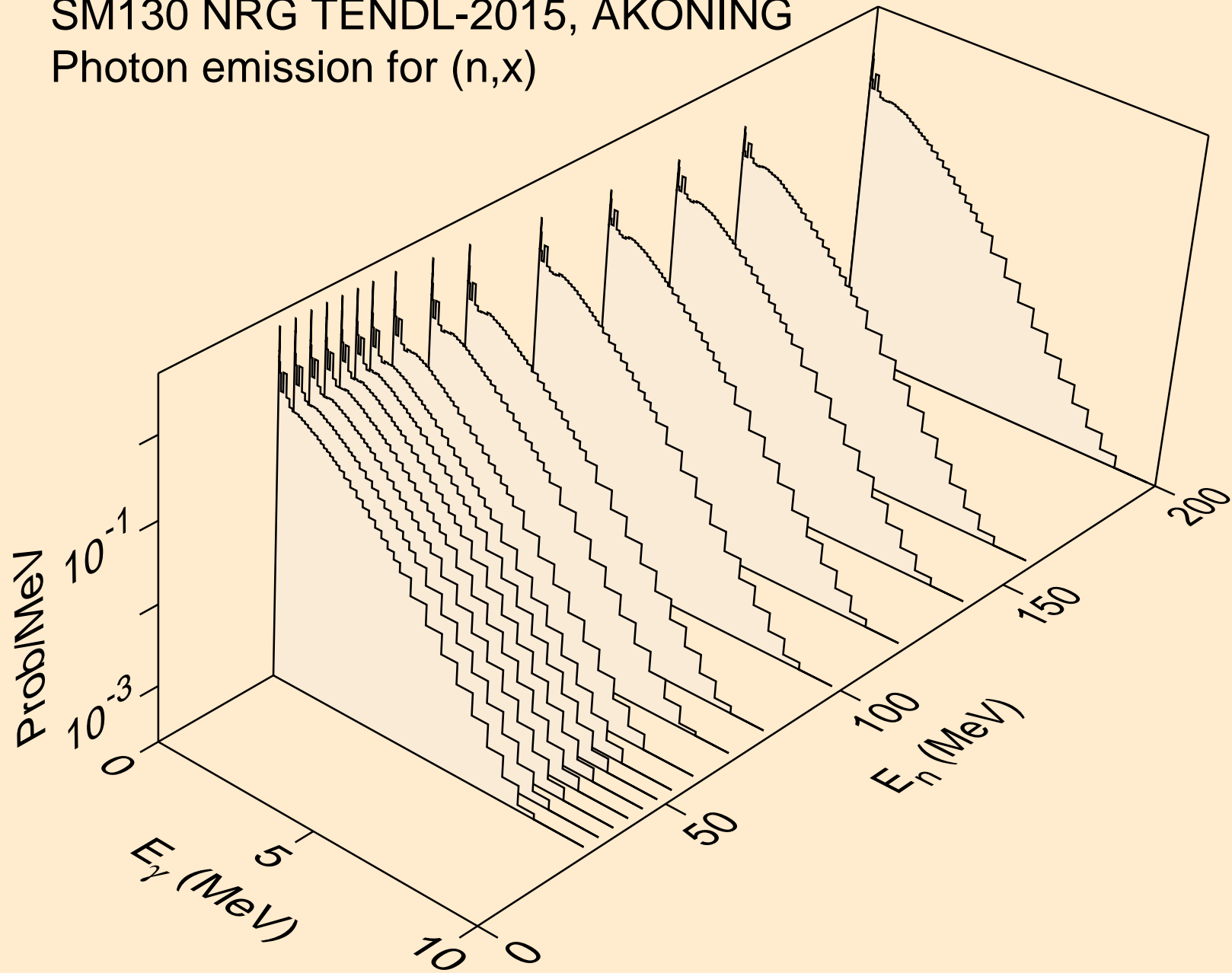
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



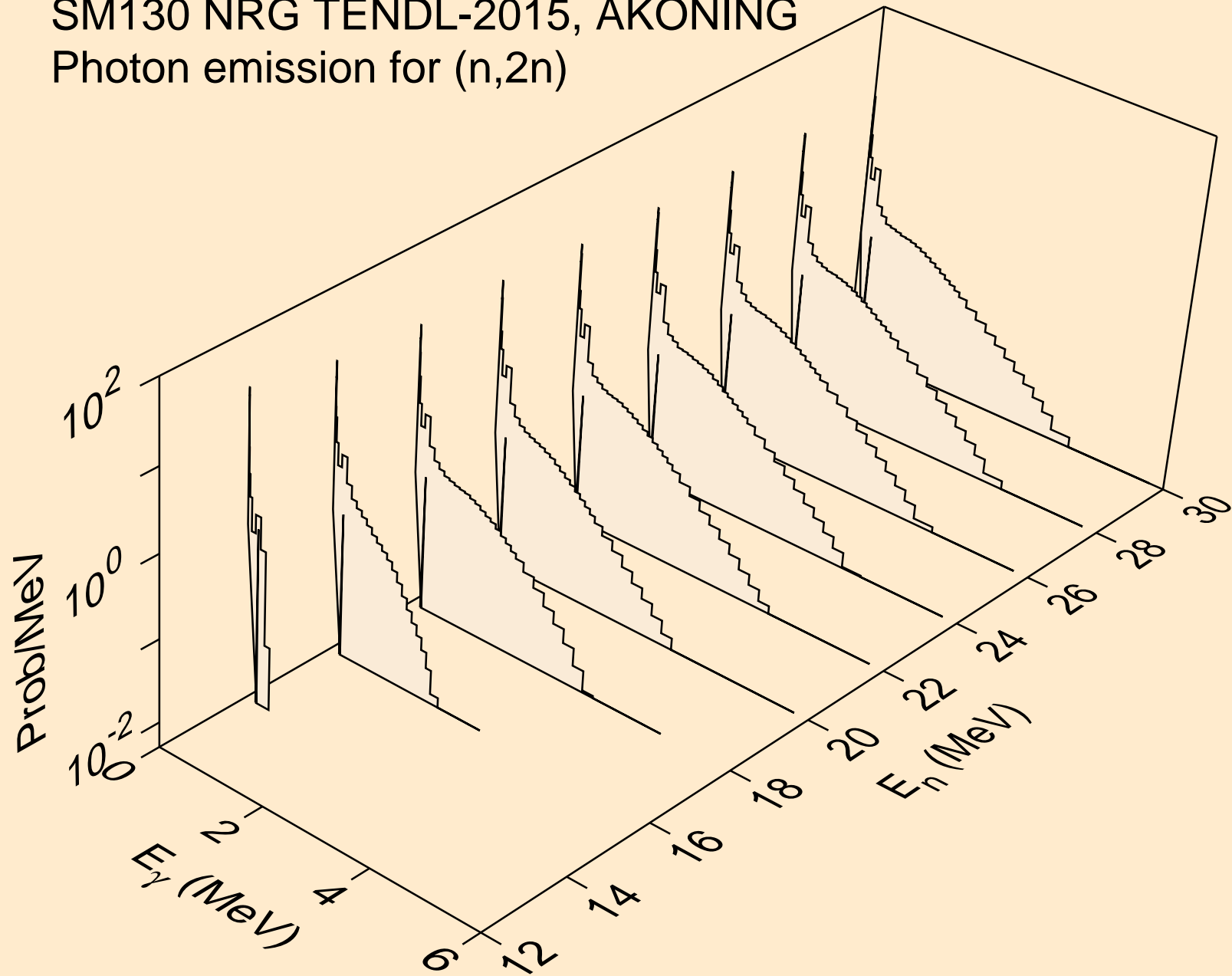
SM130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

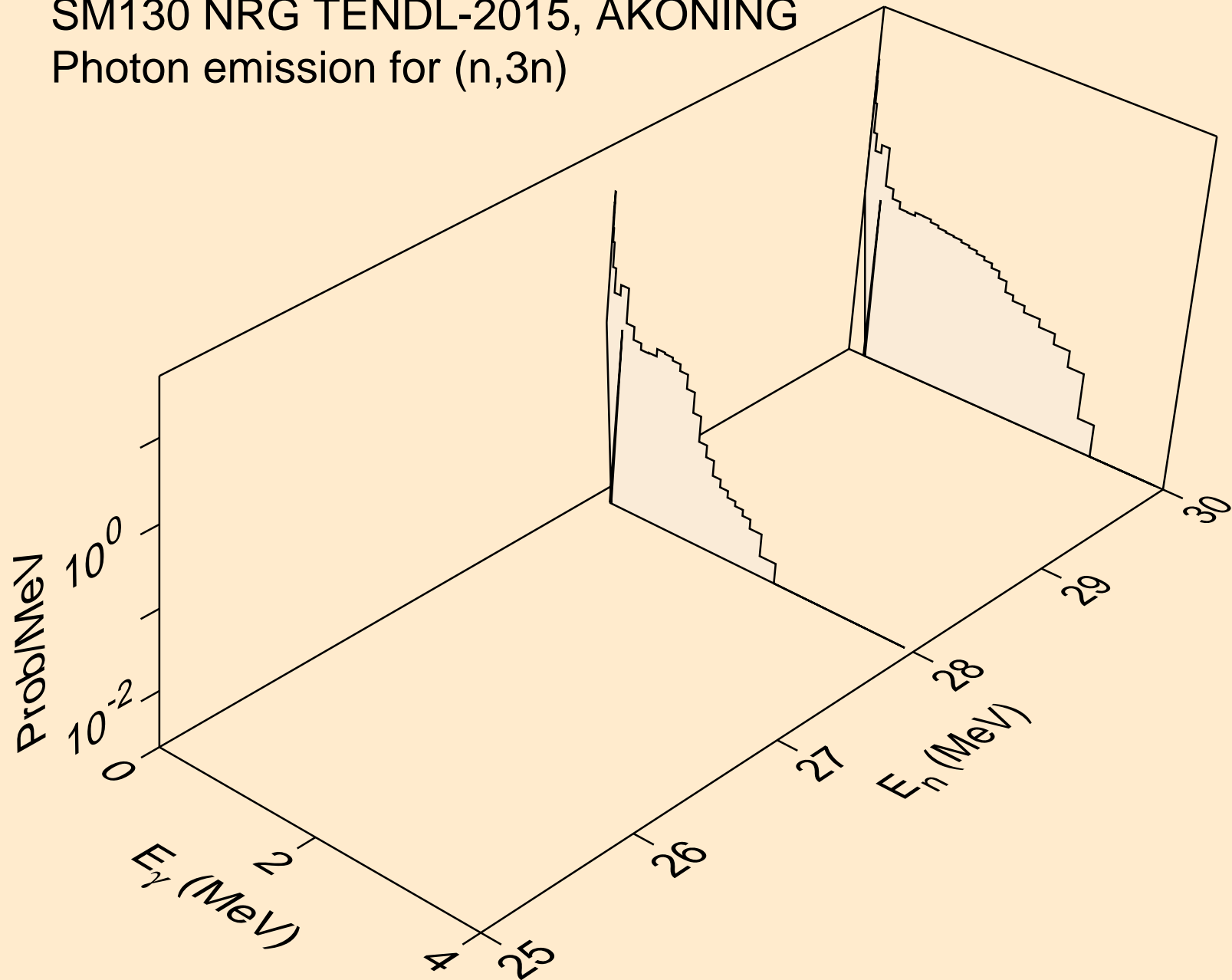


SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

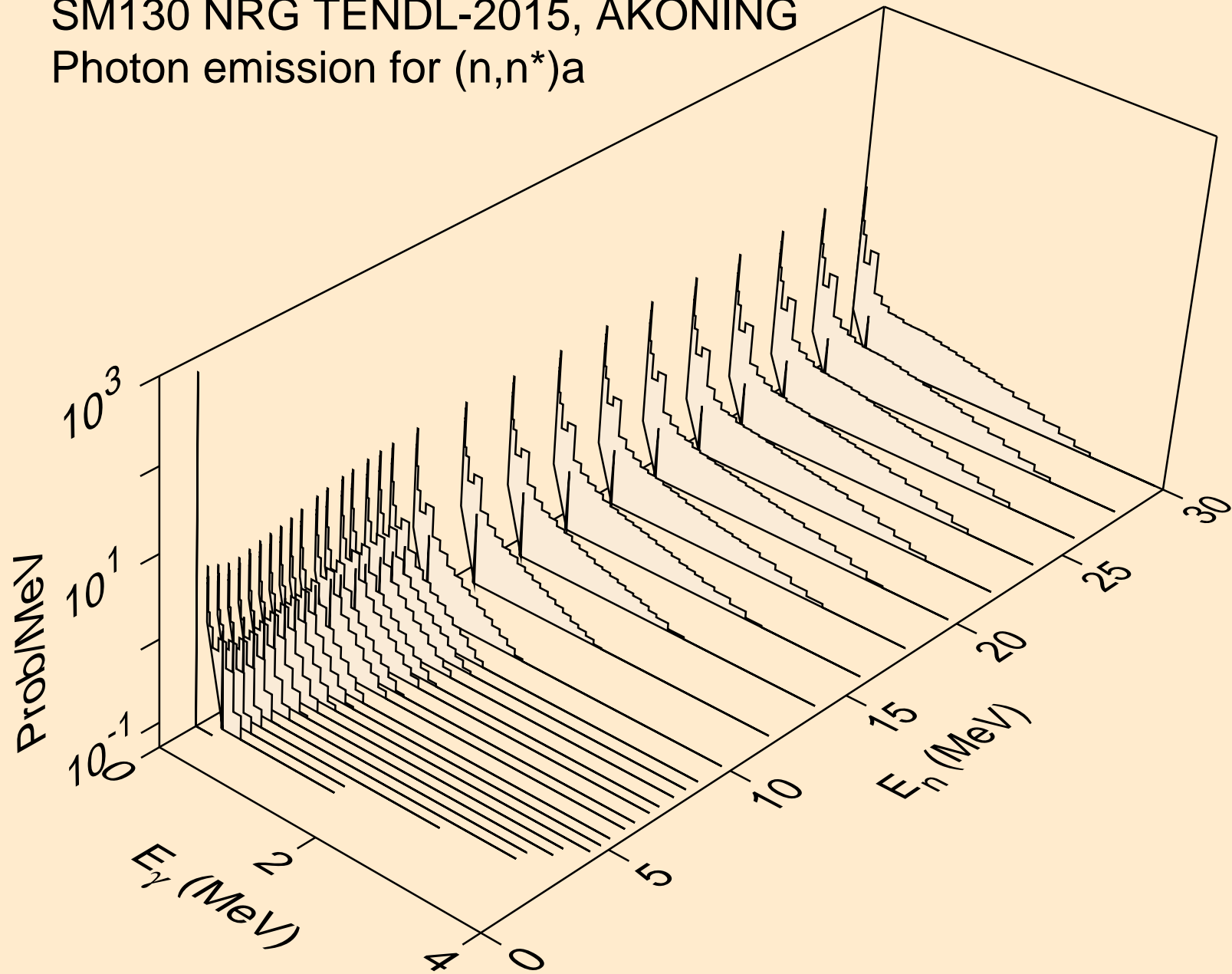




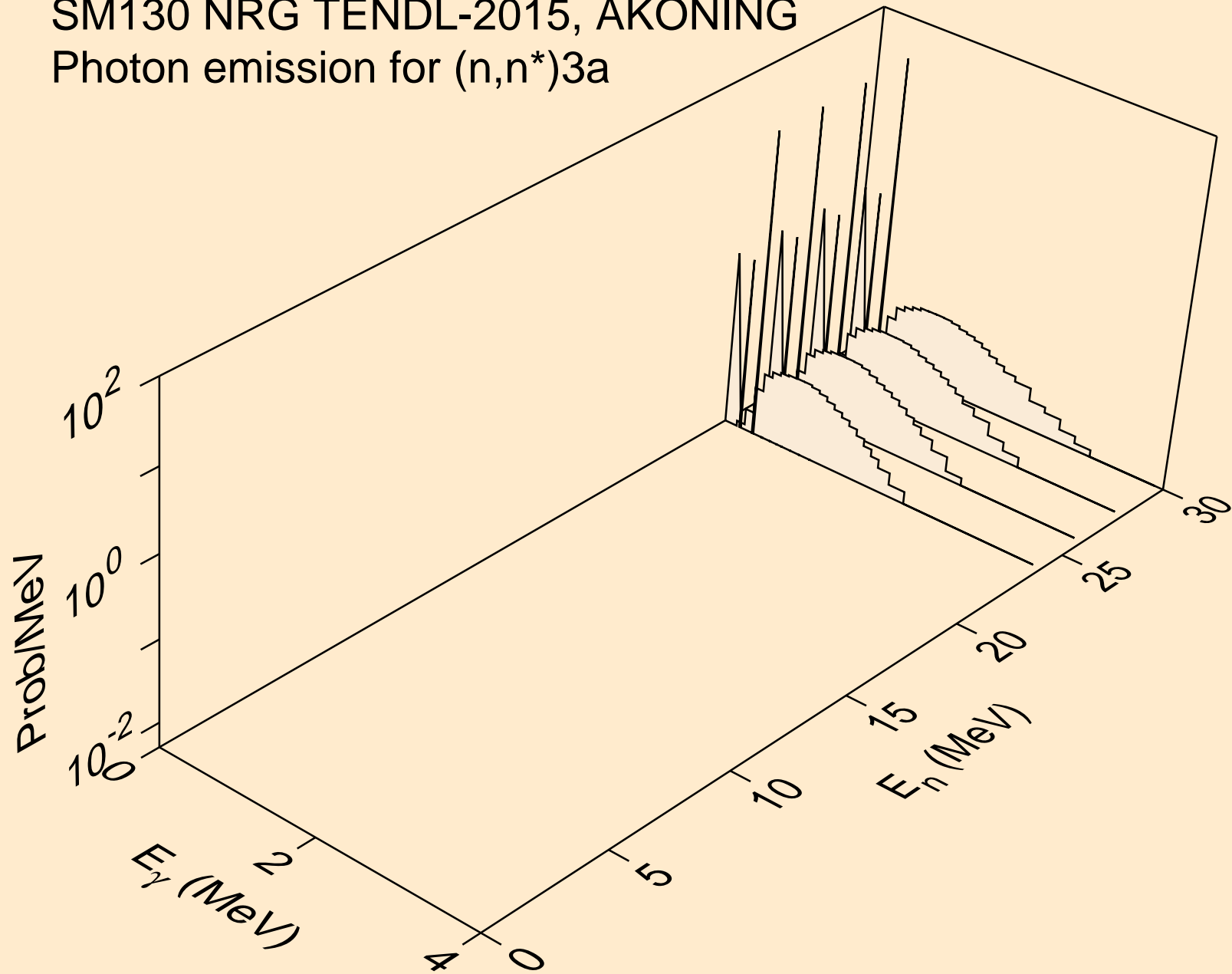
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



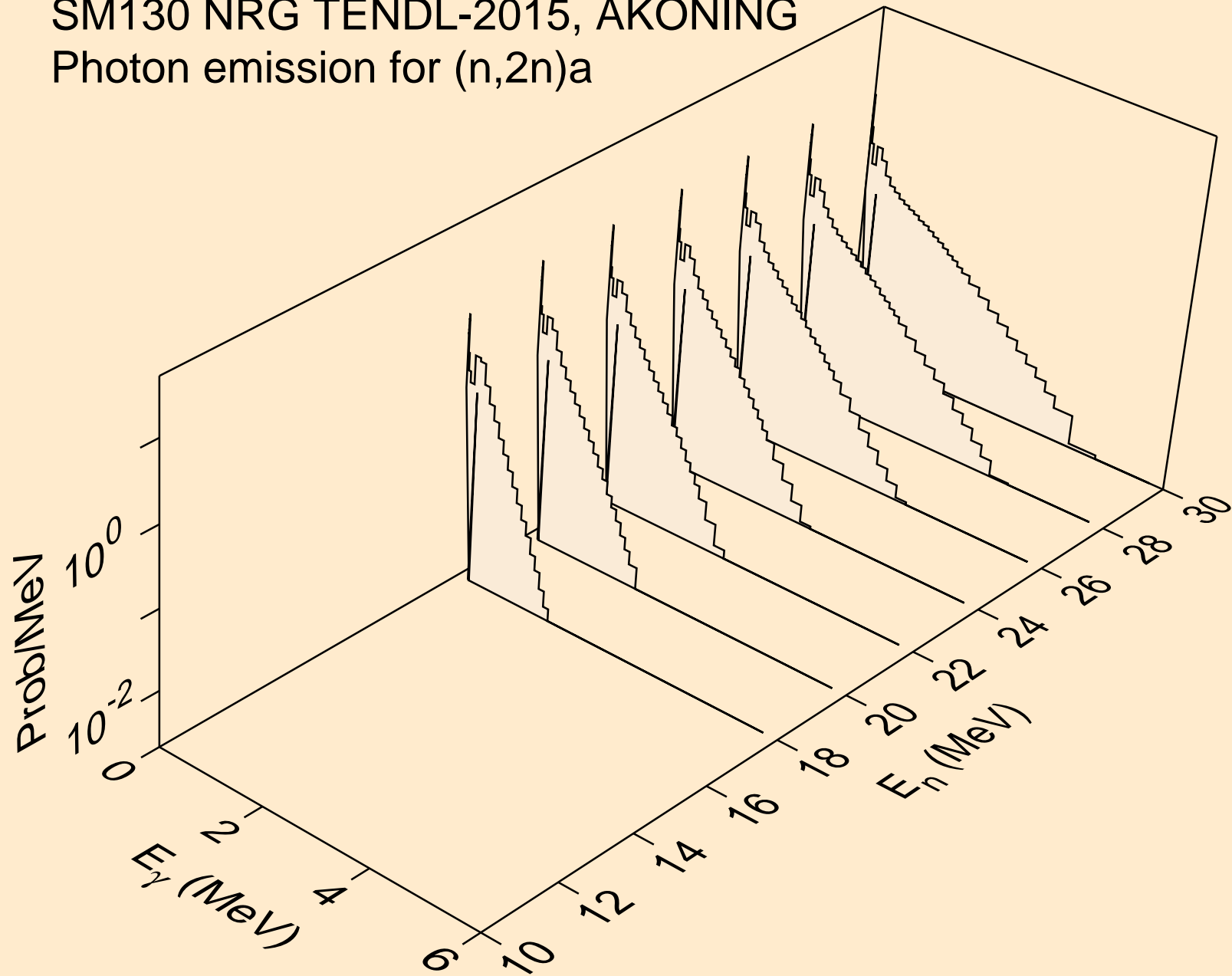
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



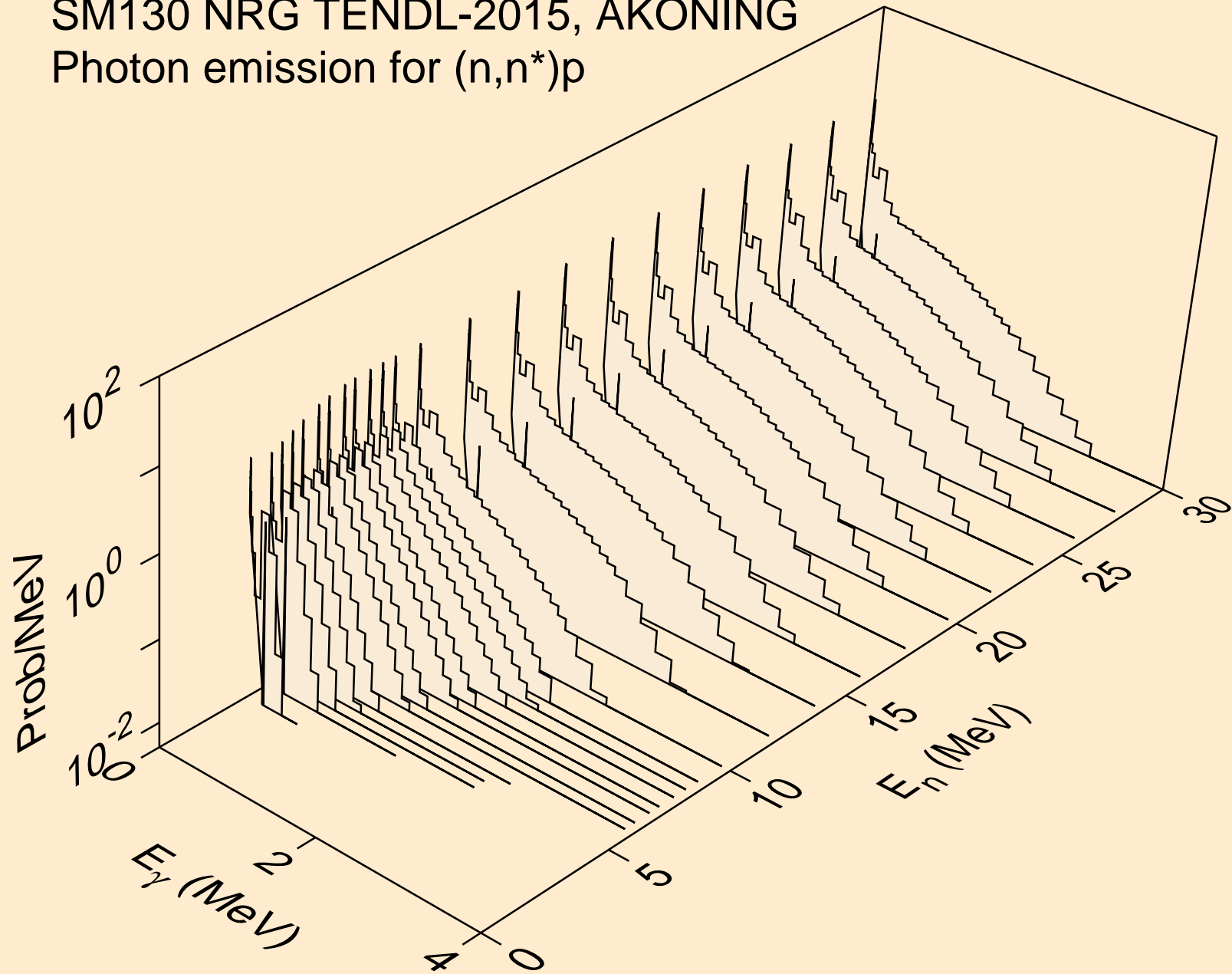
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



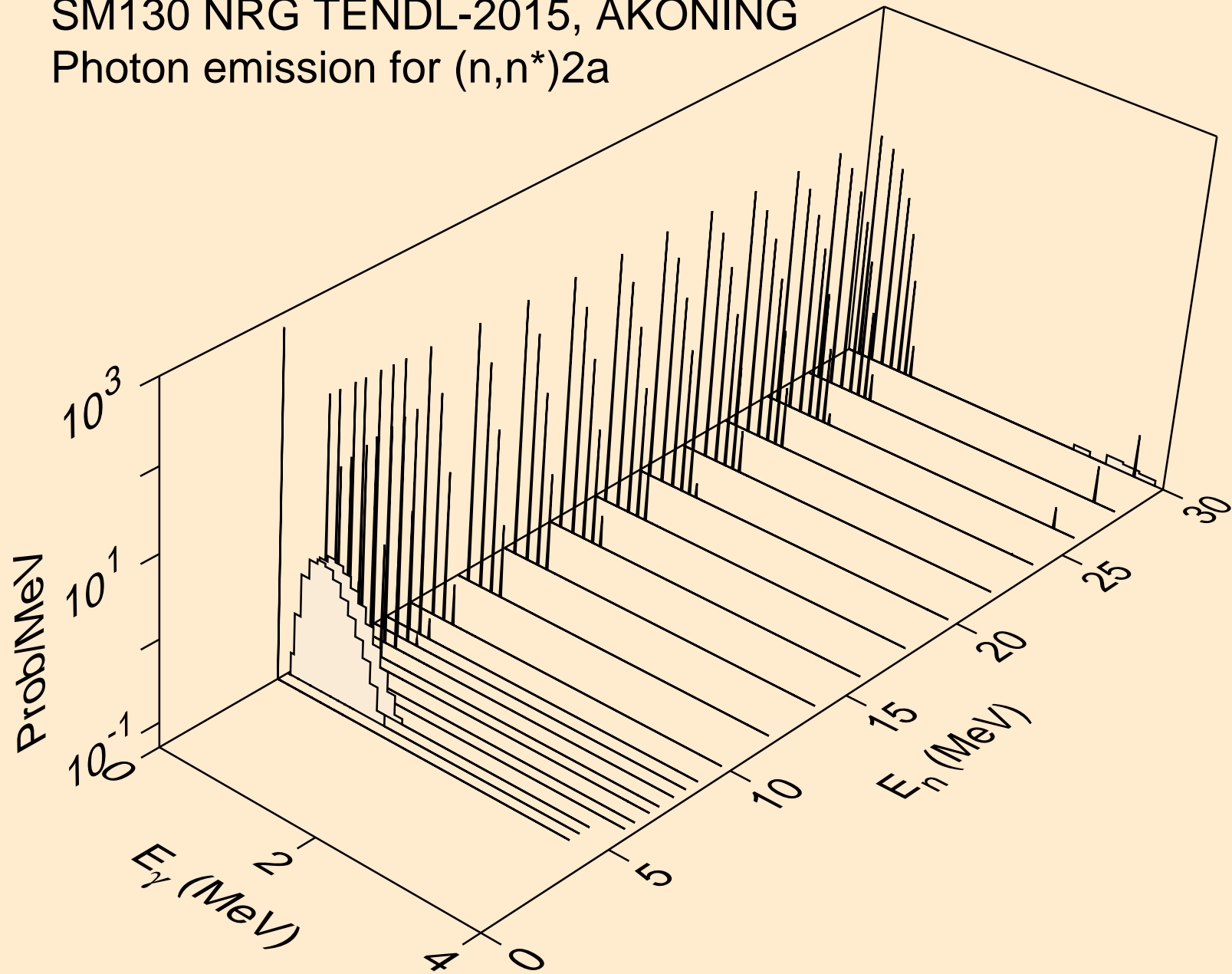
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



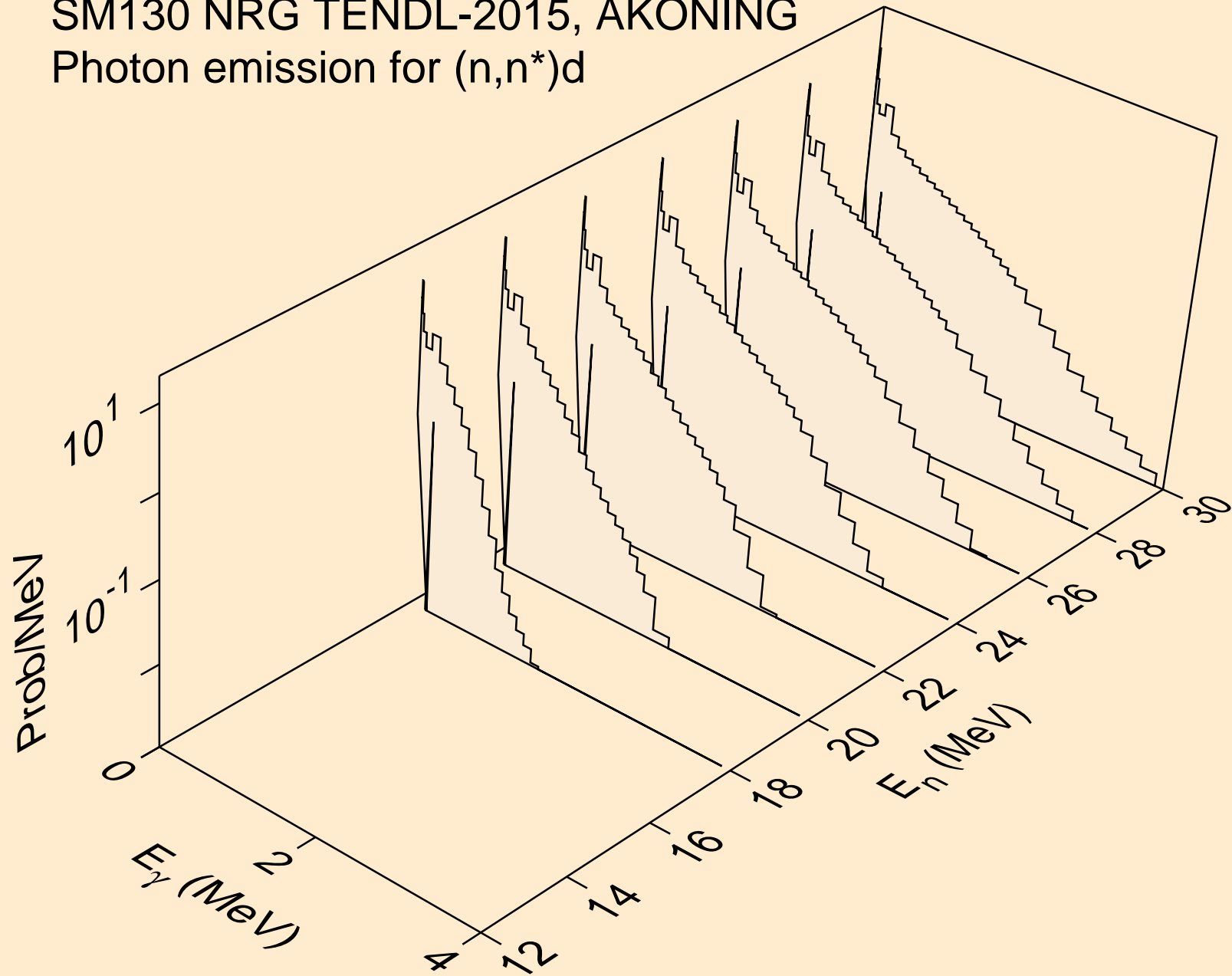
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



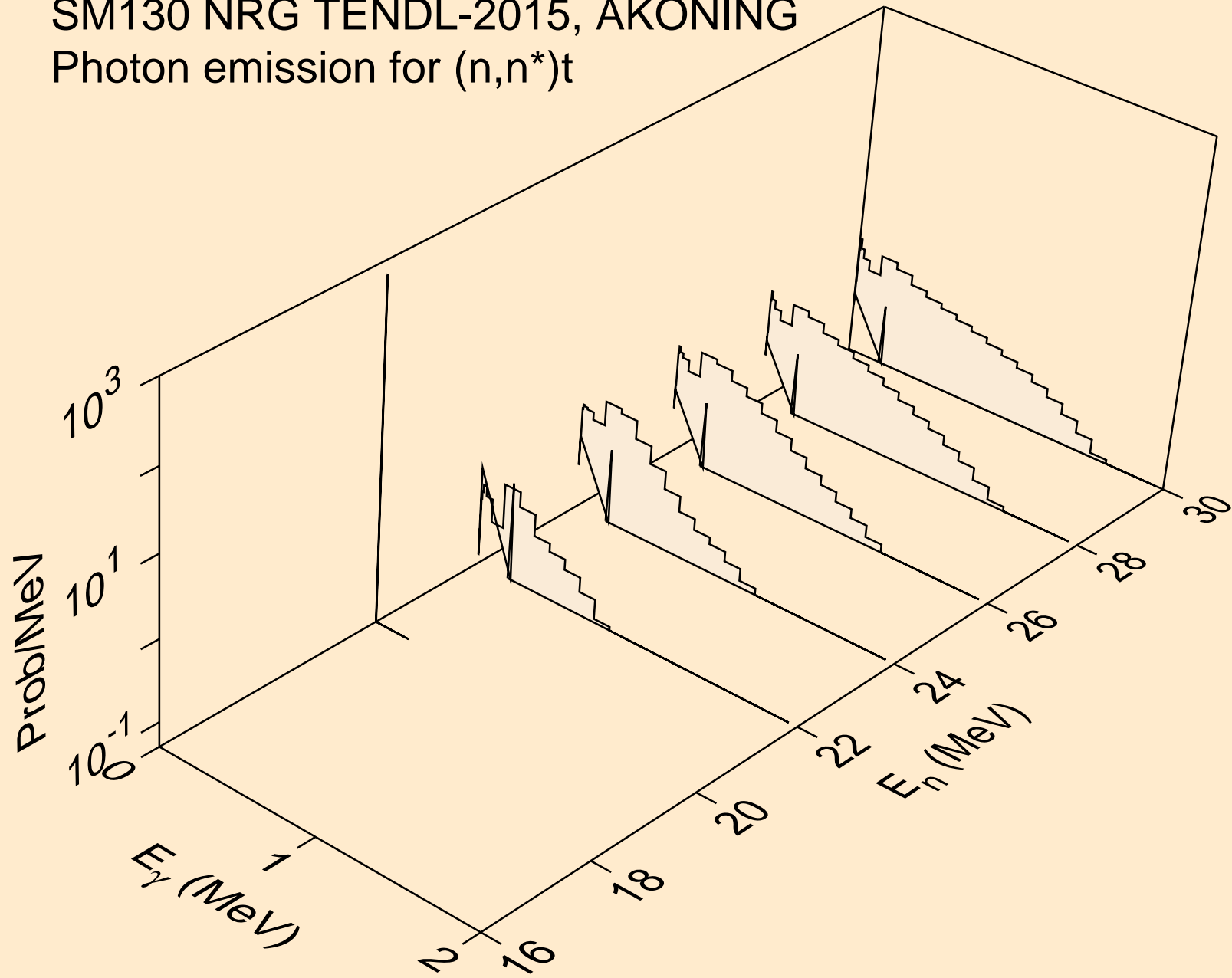
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

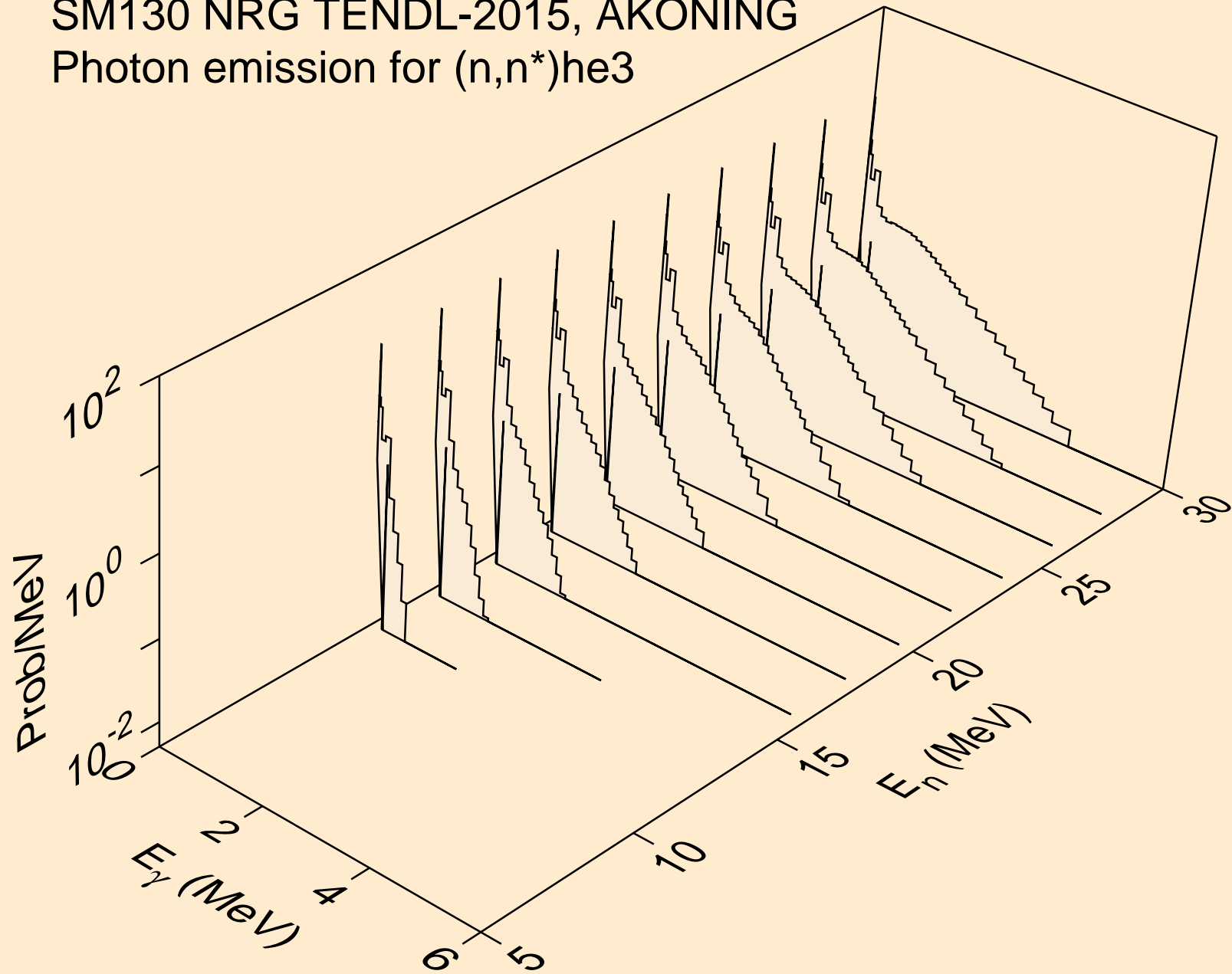


SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

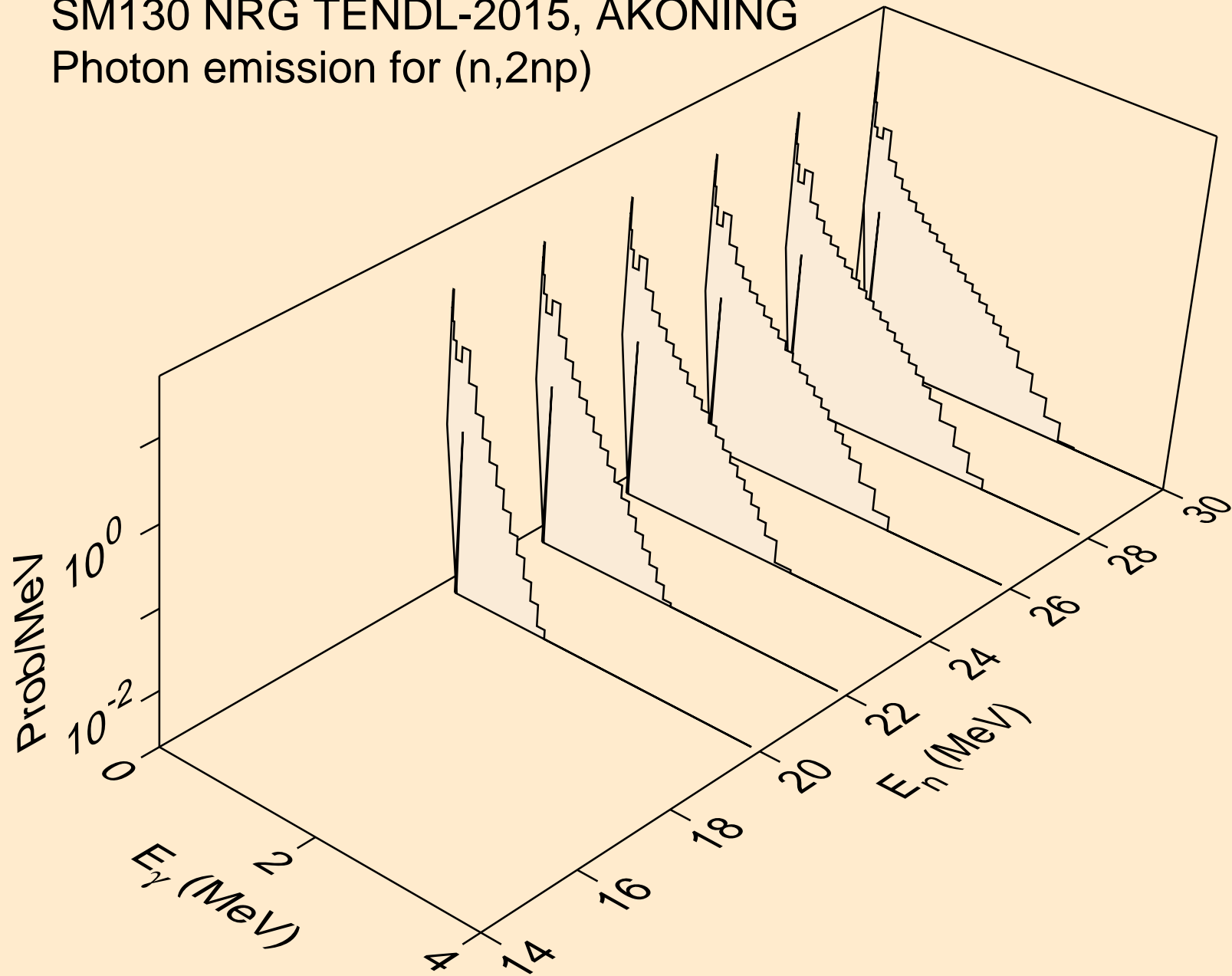




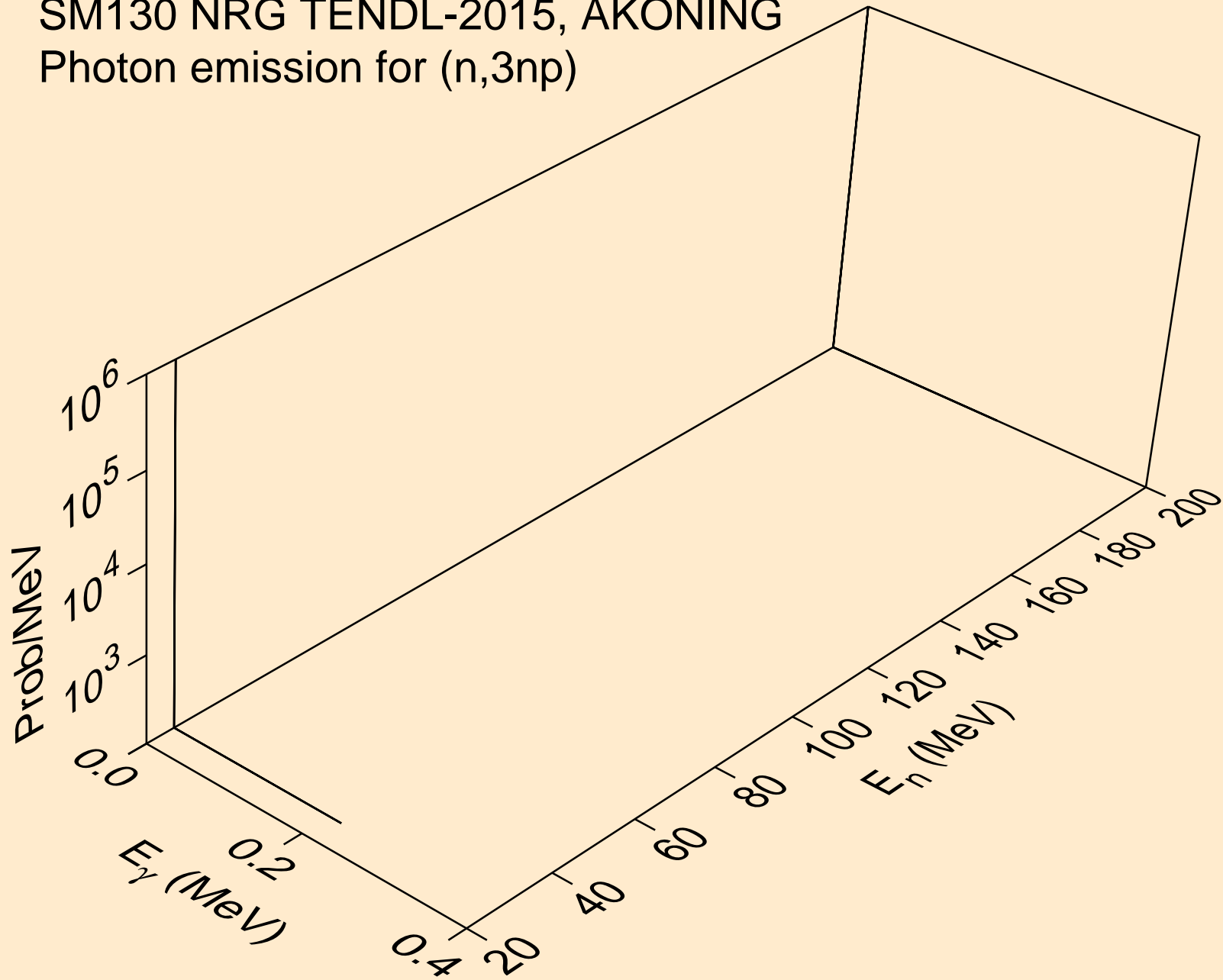
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



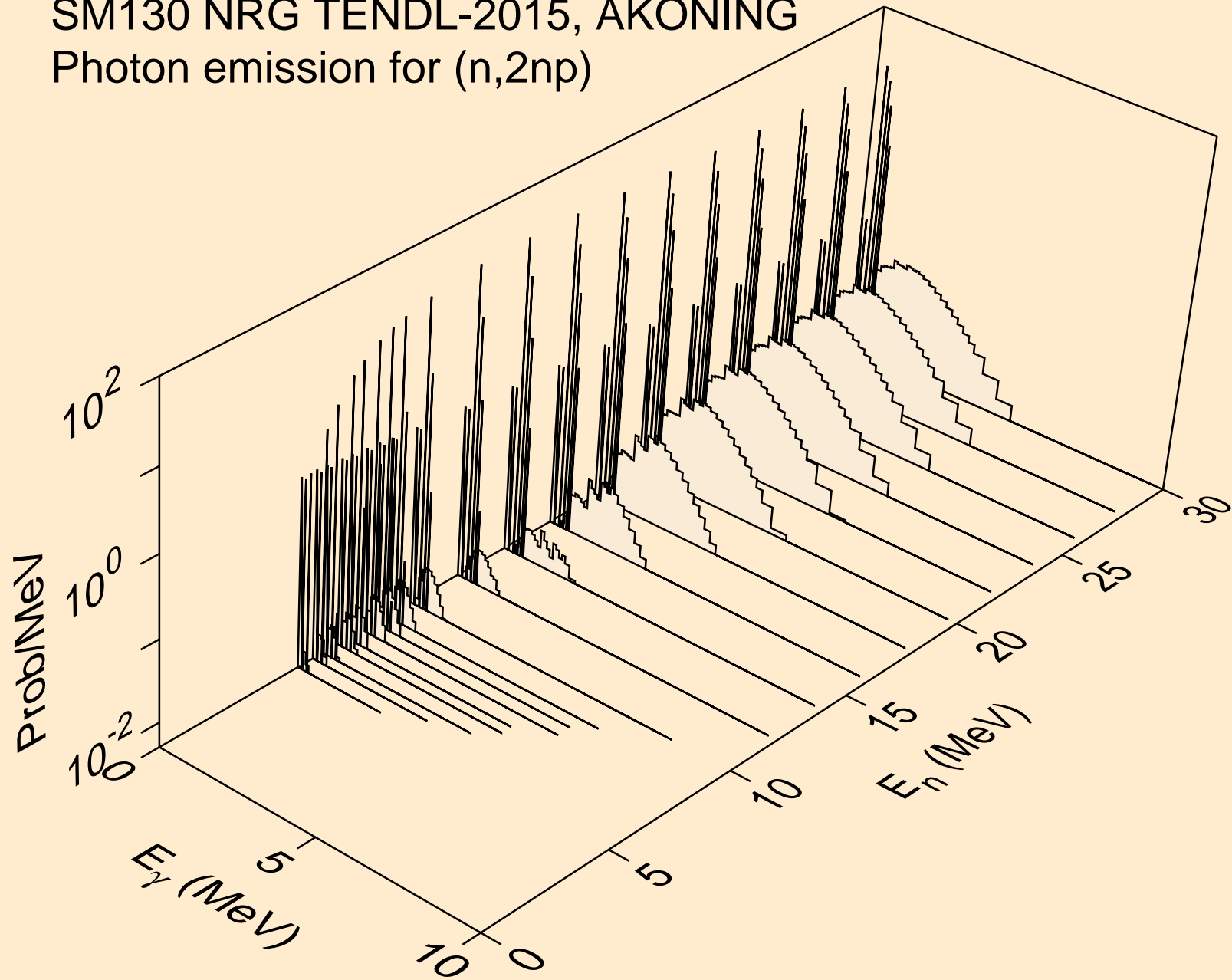
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



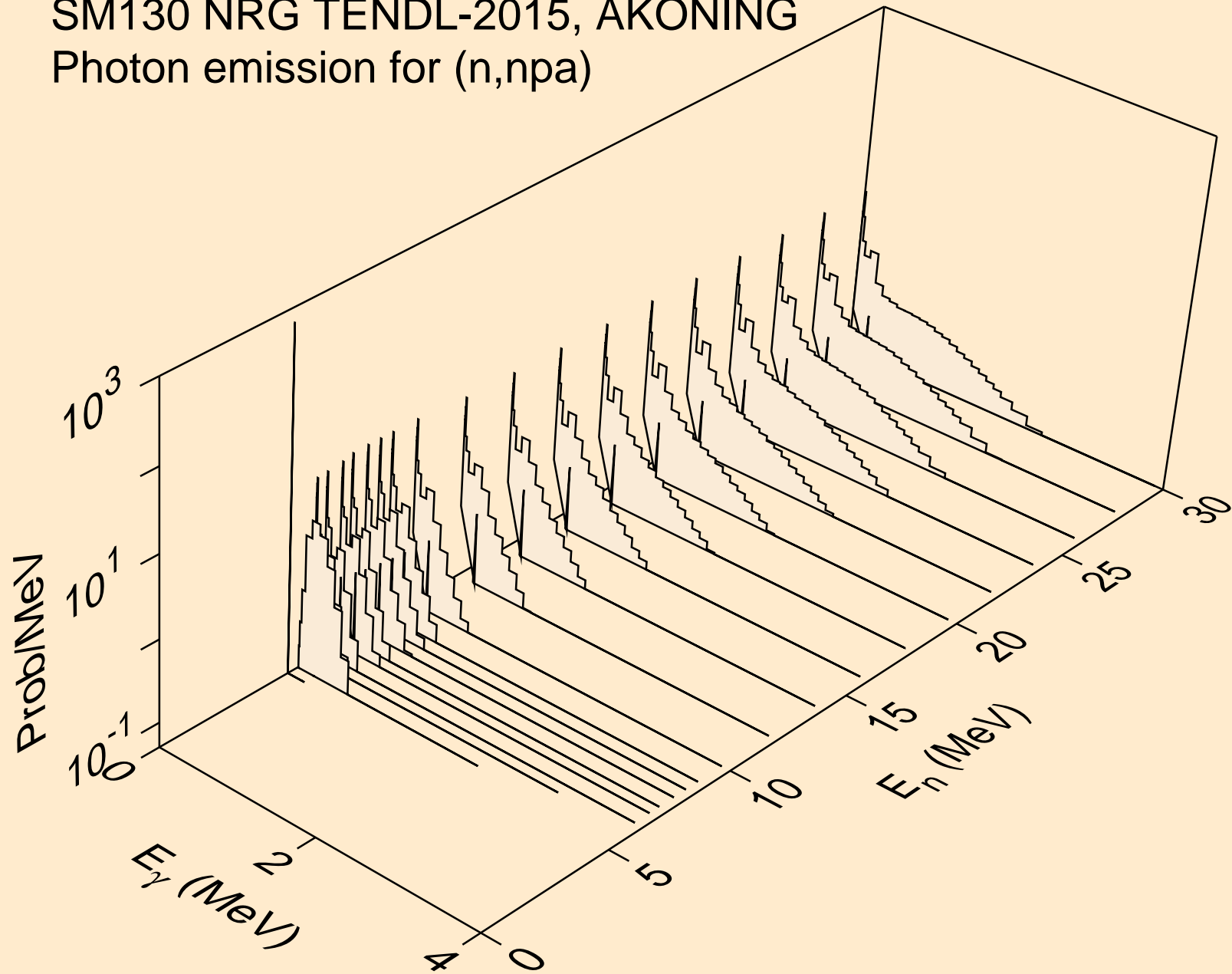
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



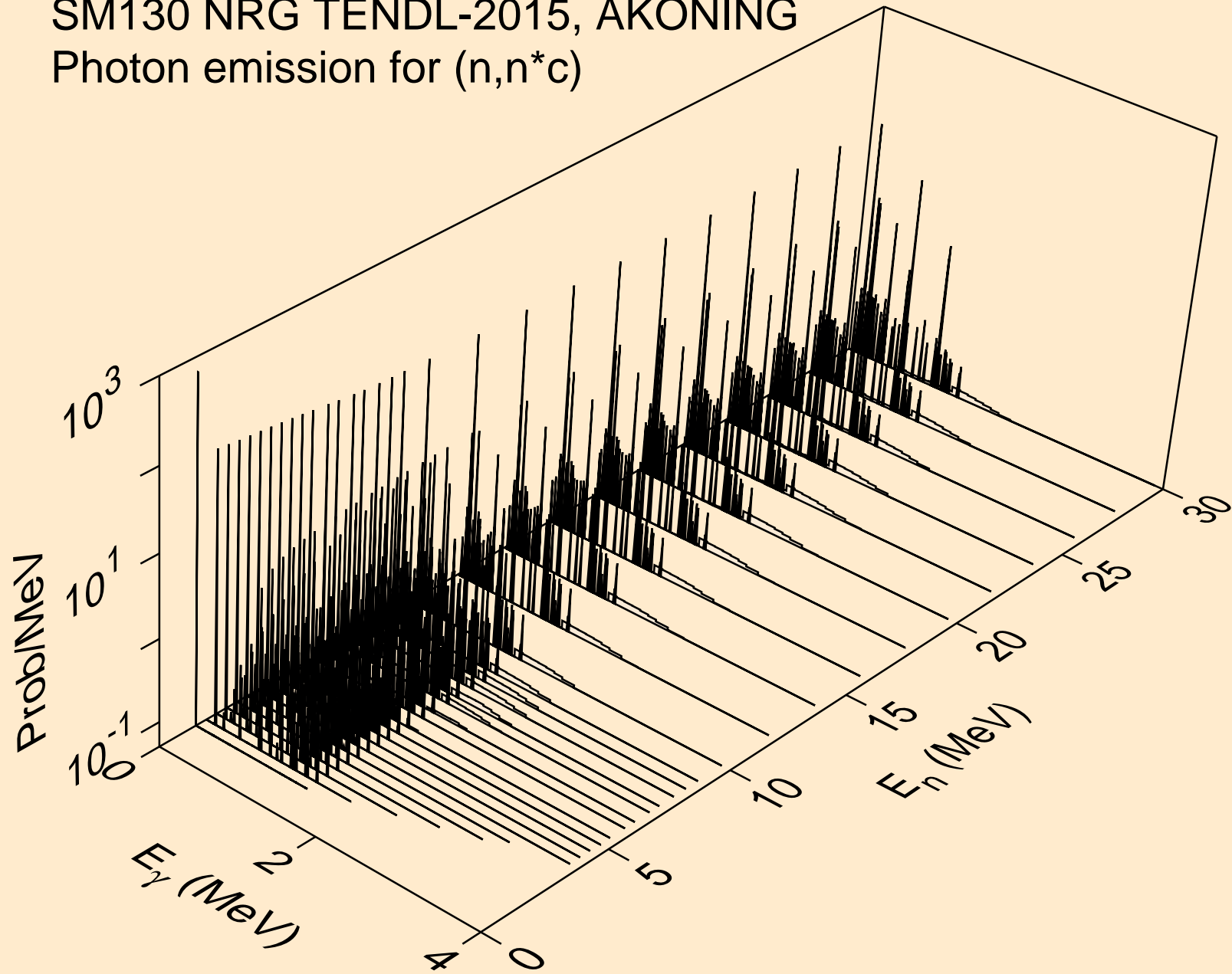
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



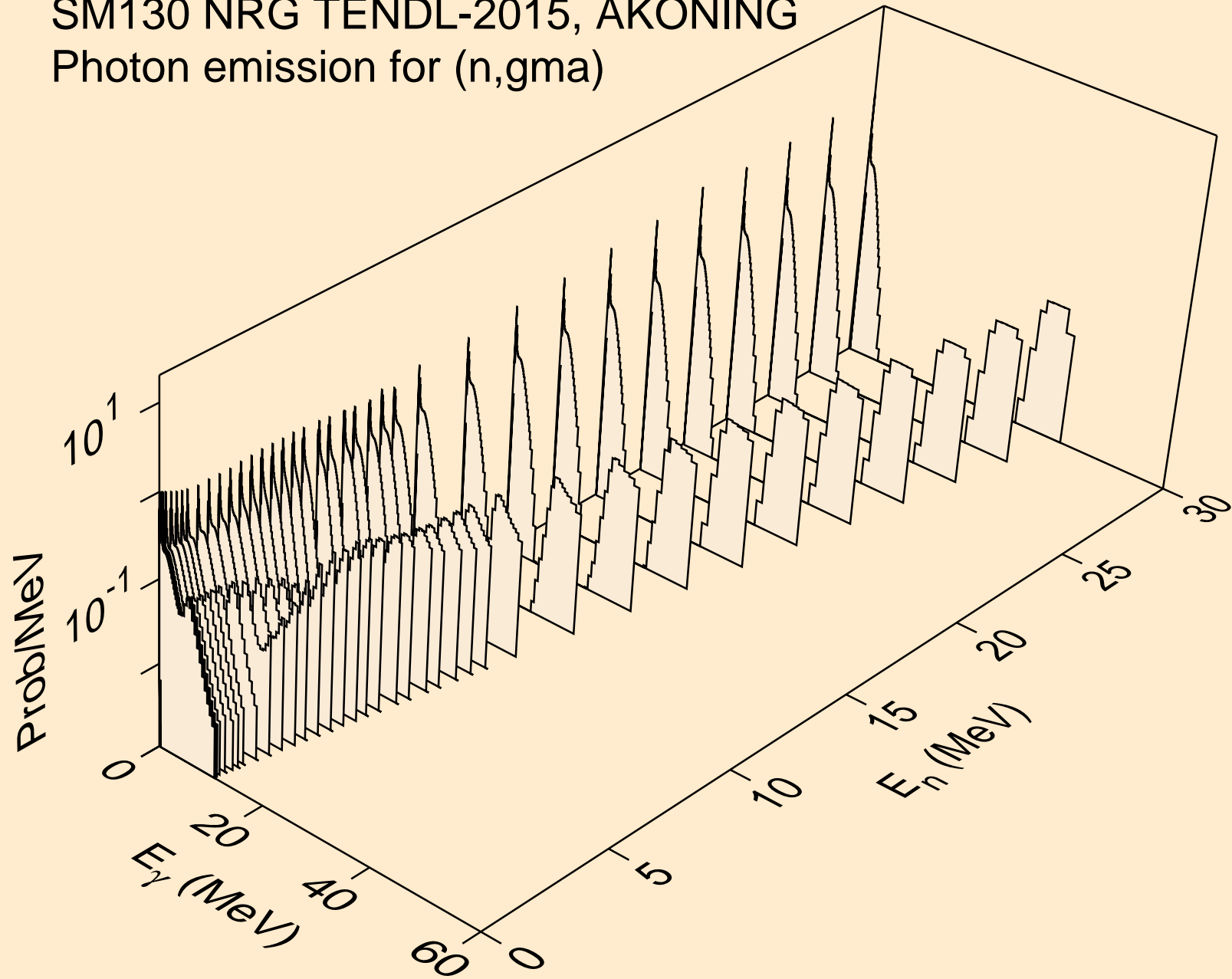
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



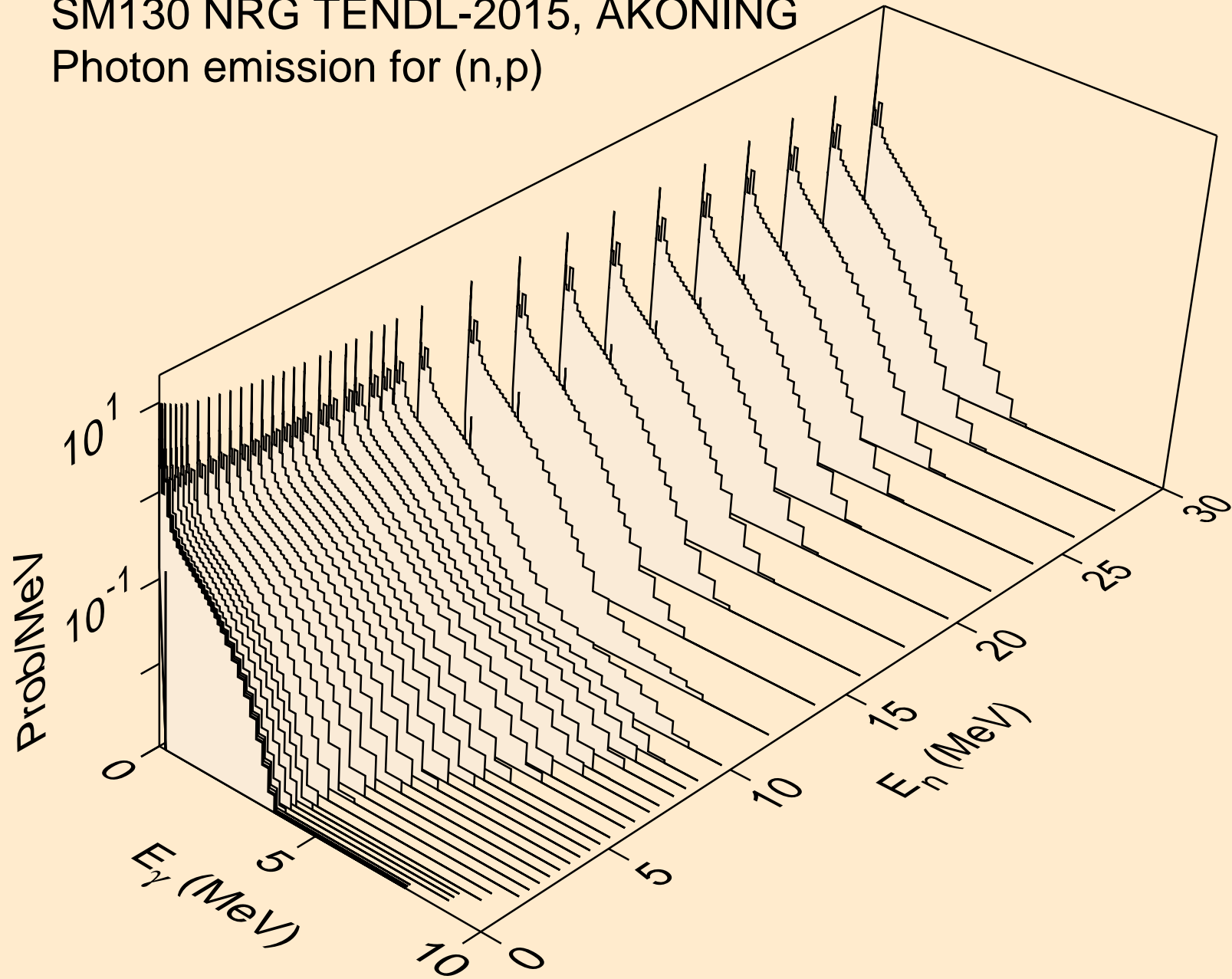
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

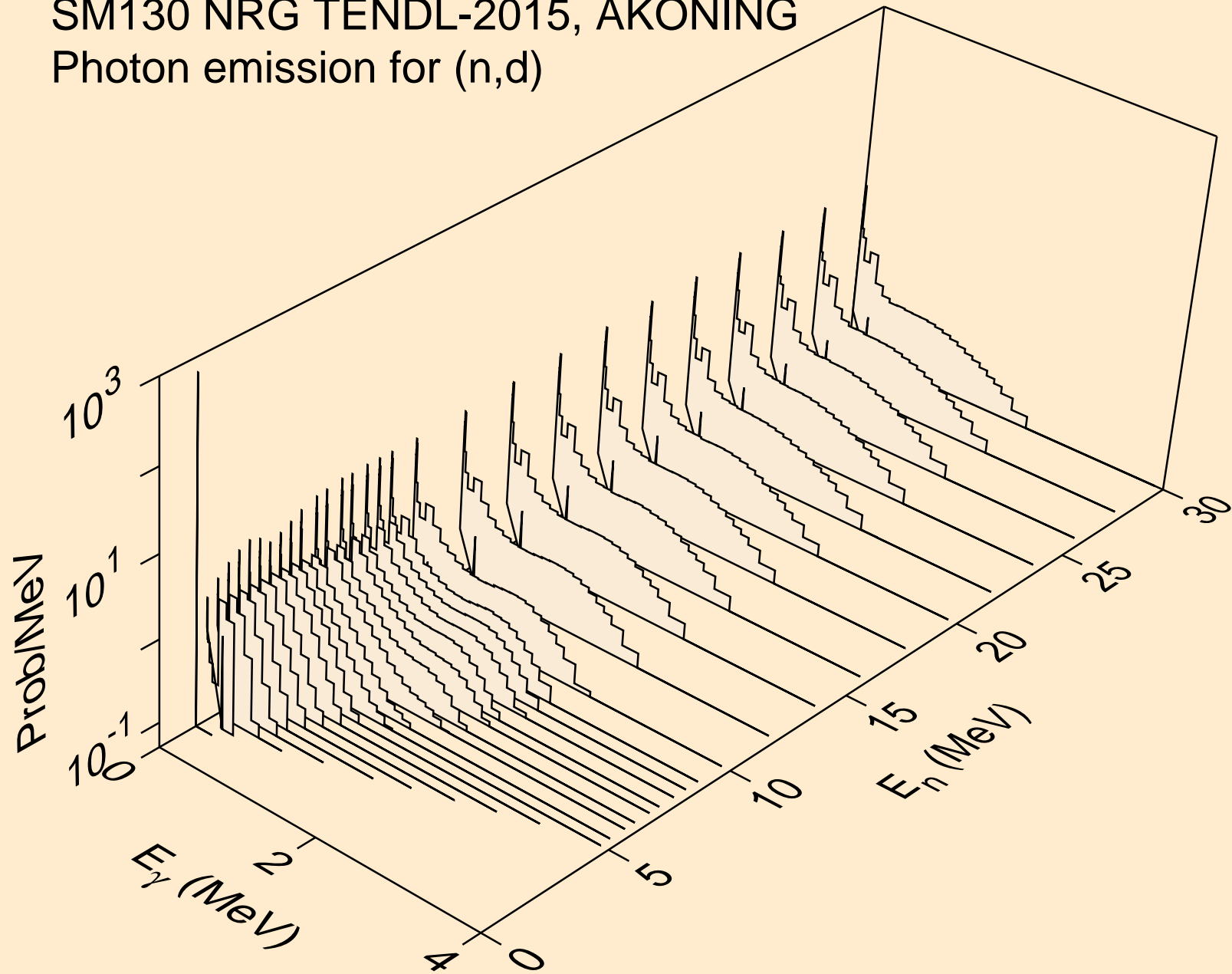


SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

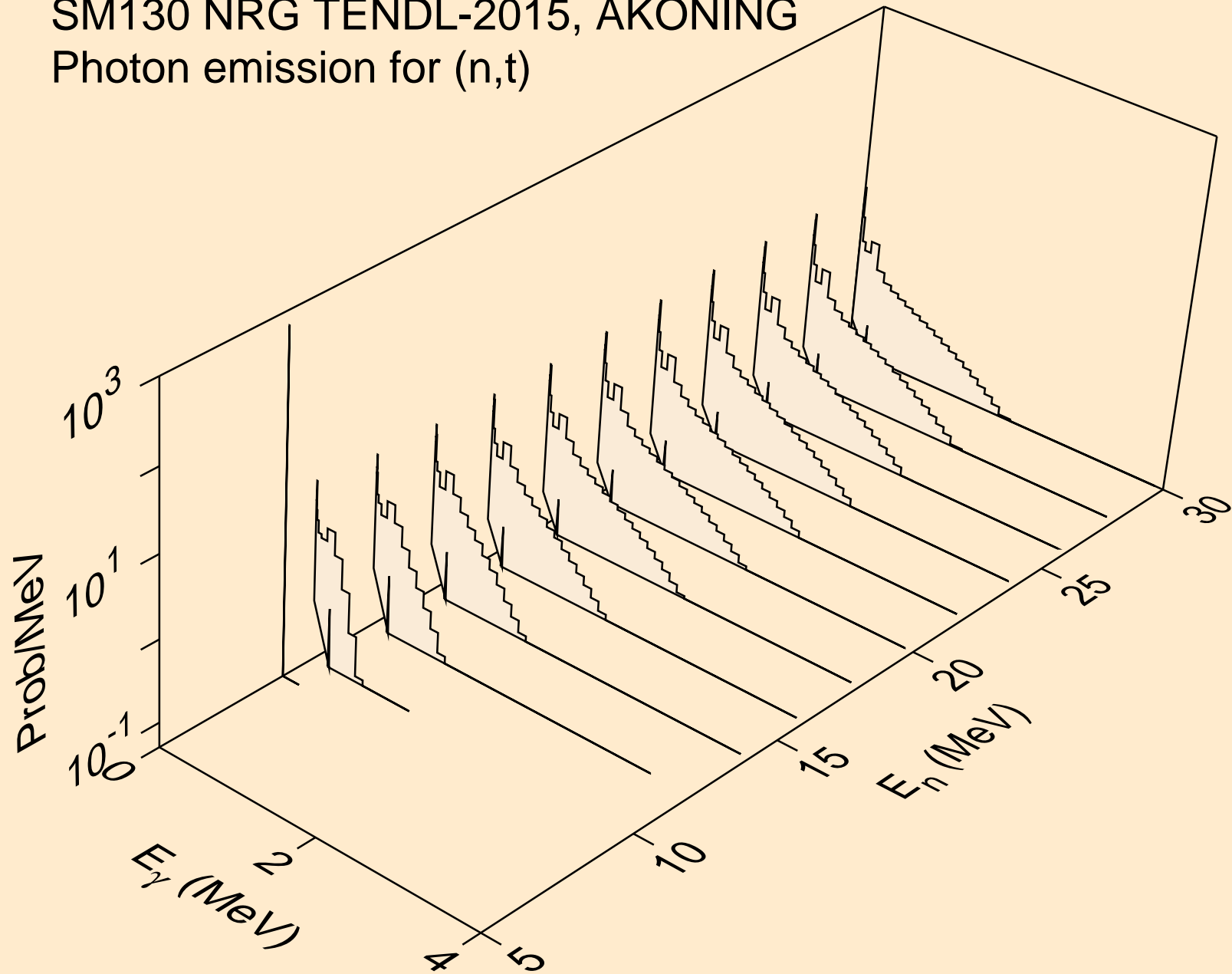




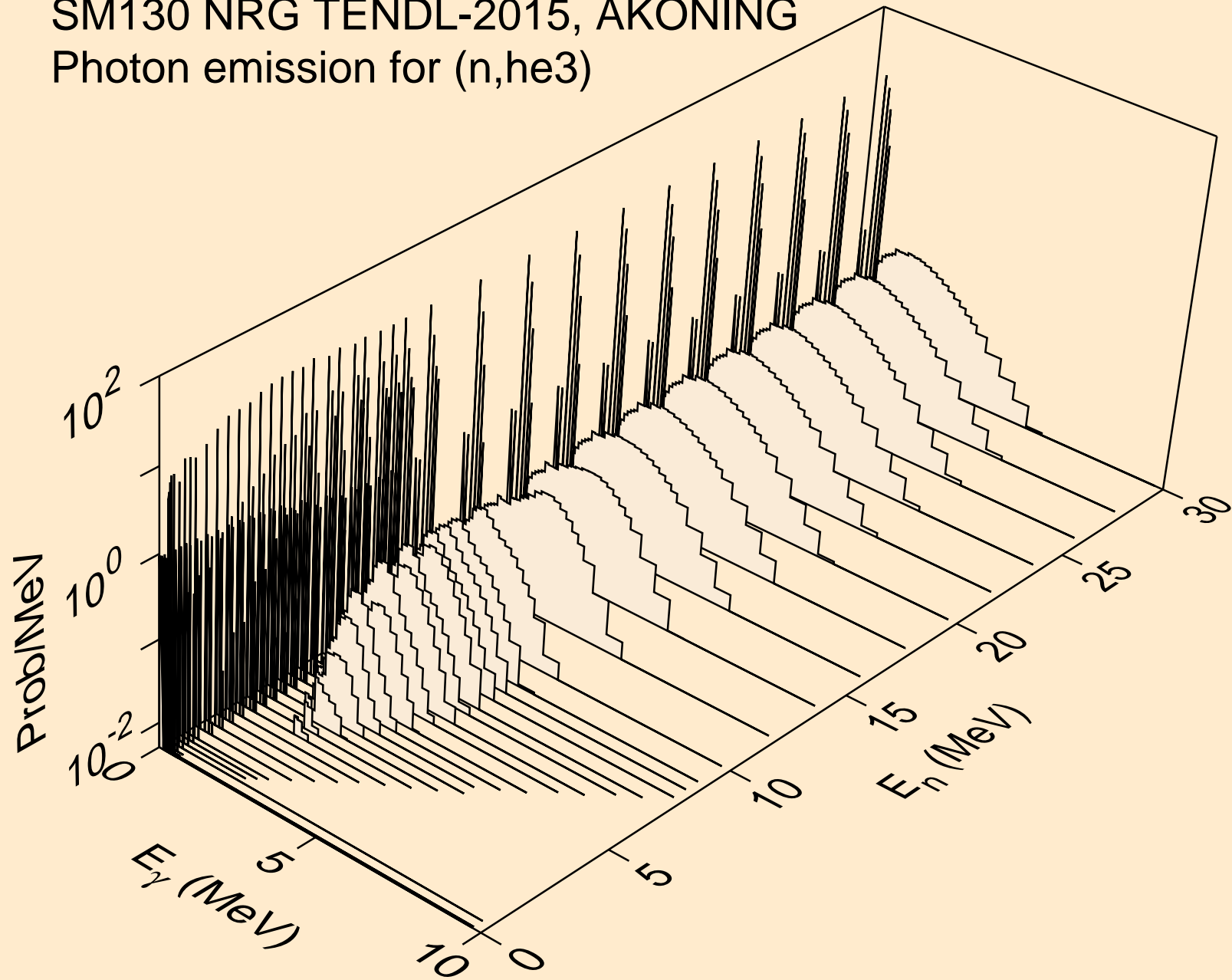
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



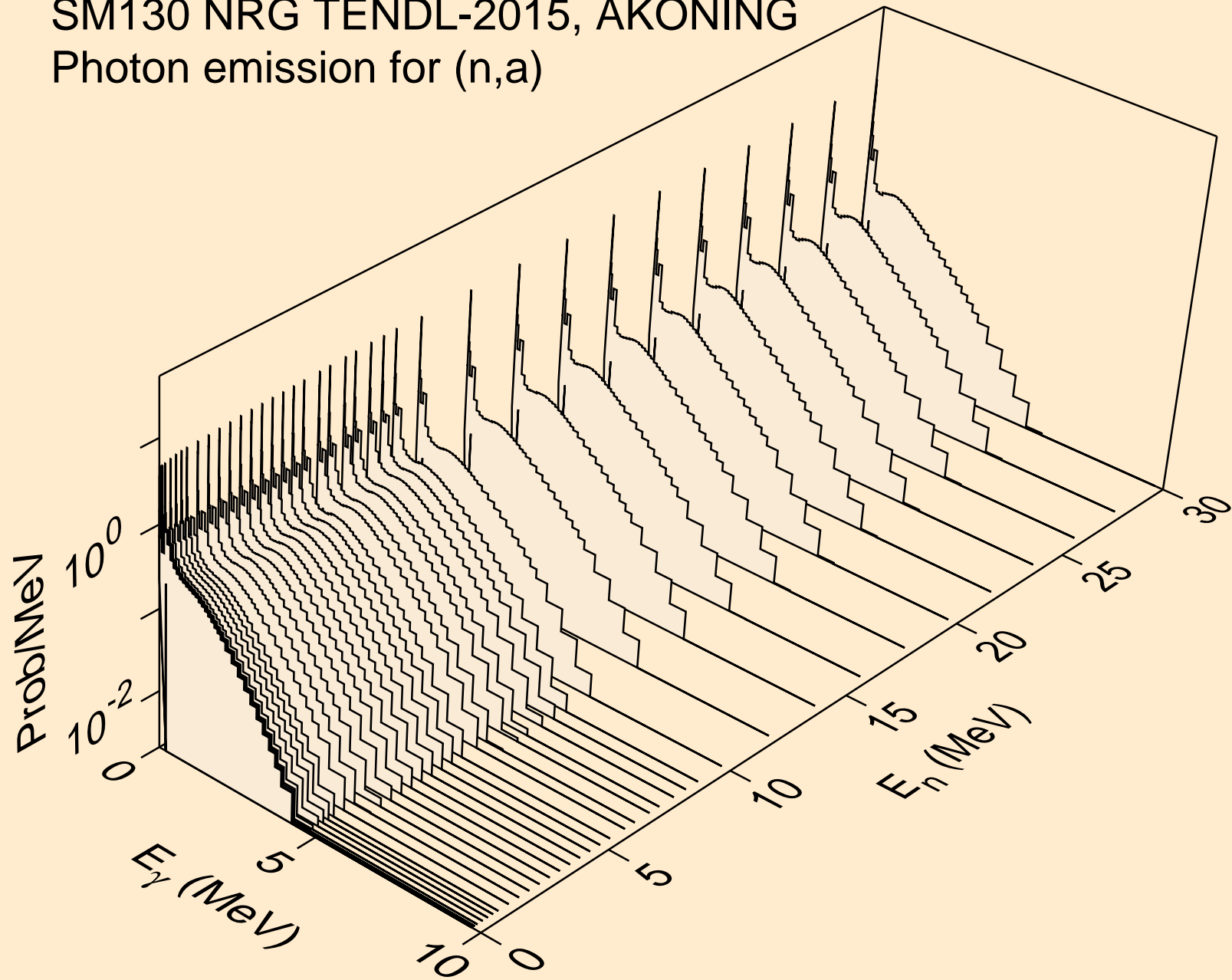
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



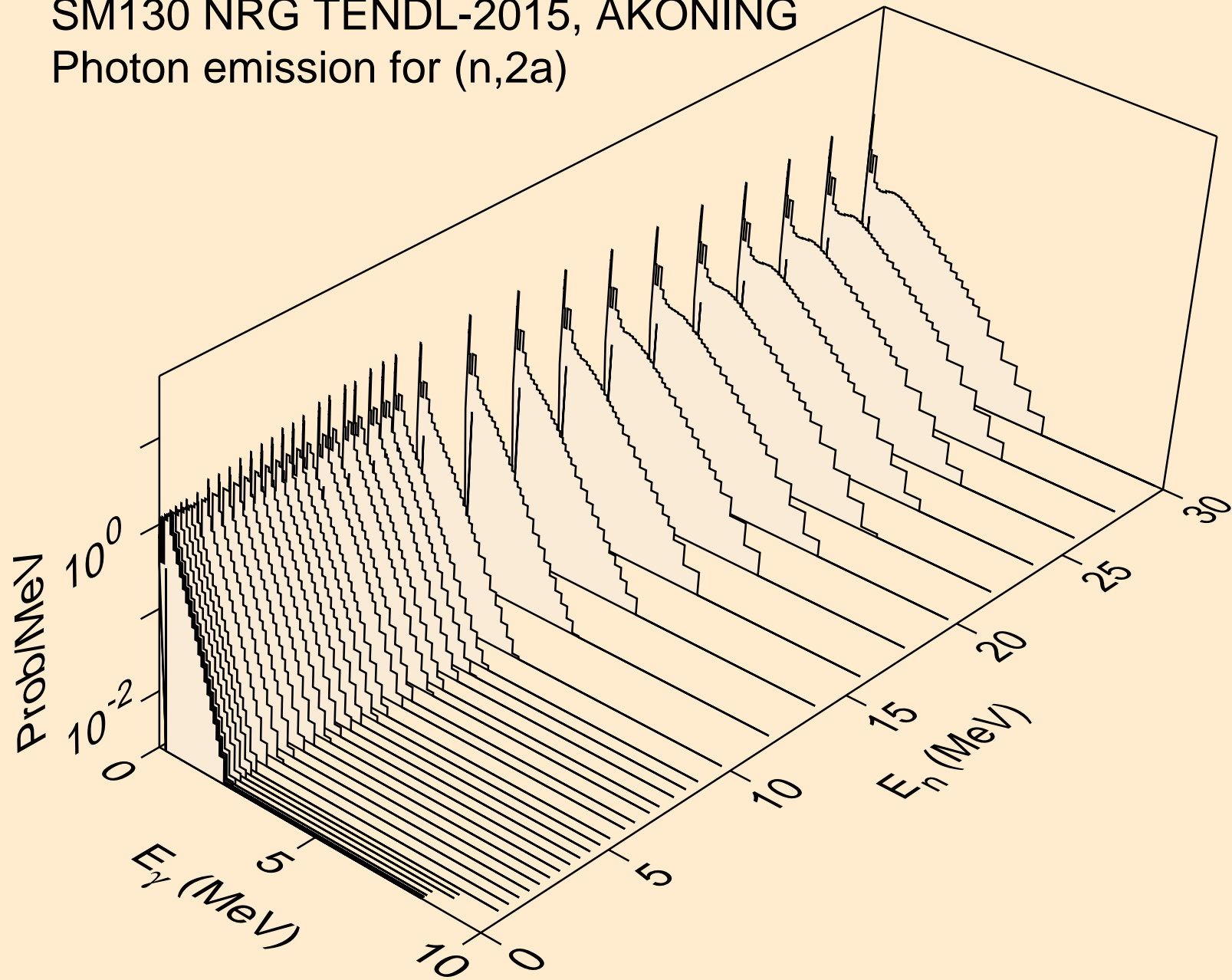
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



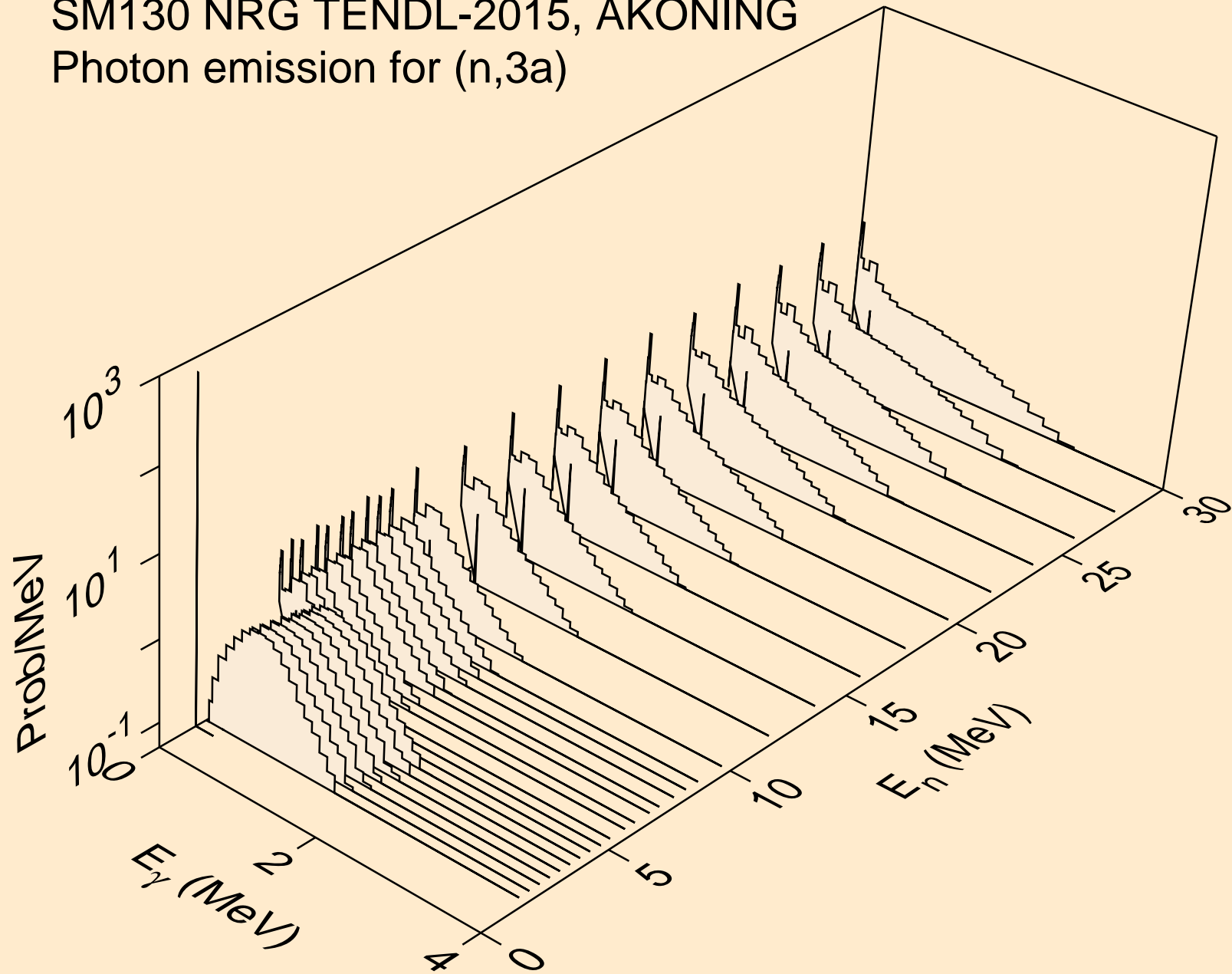
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



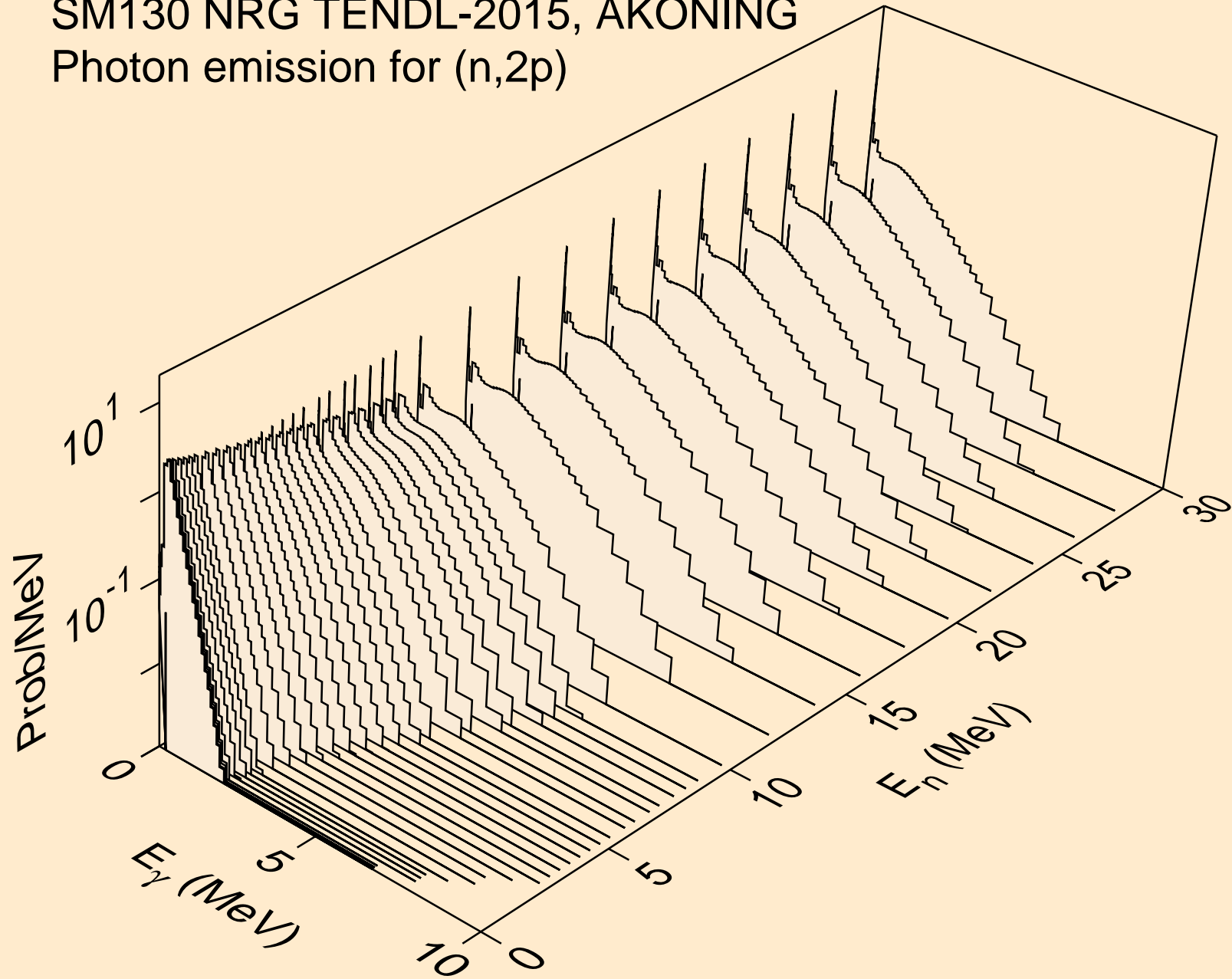
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



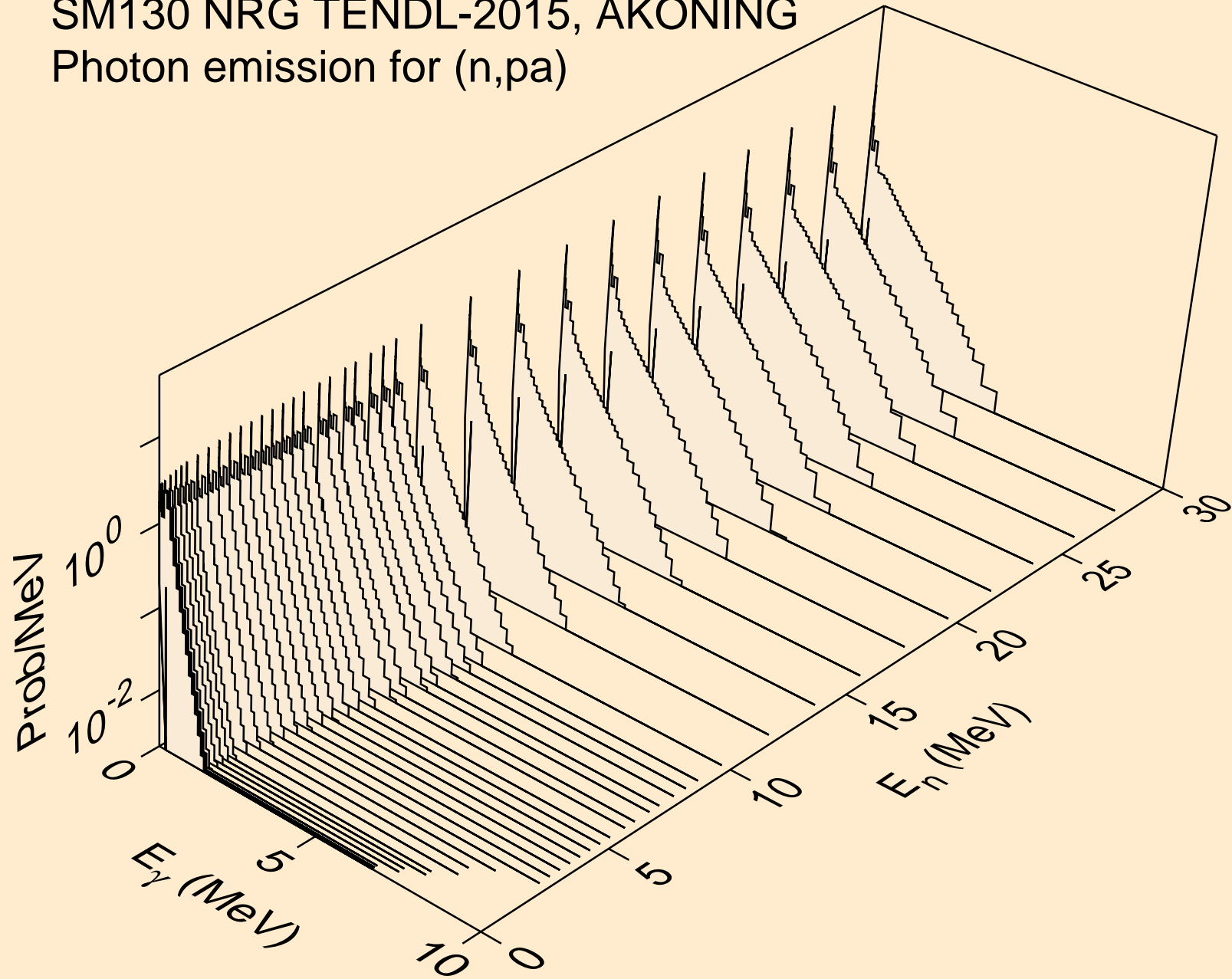
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

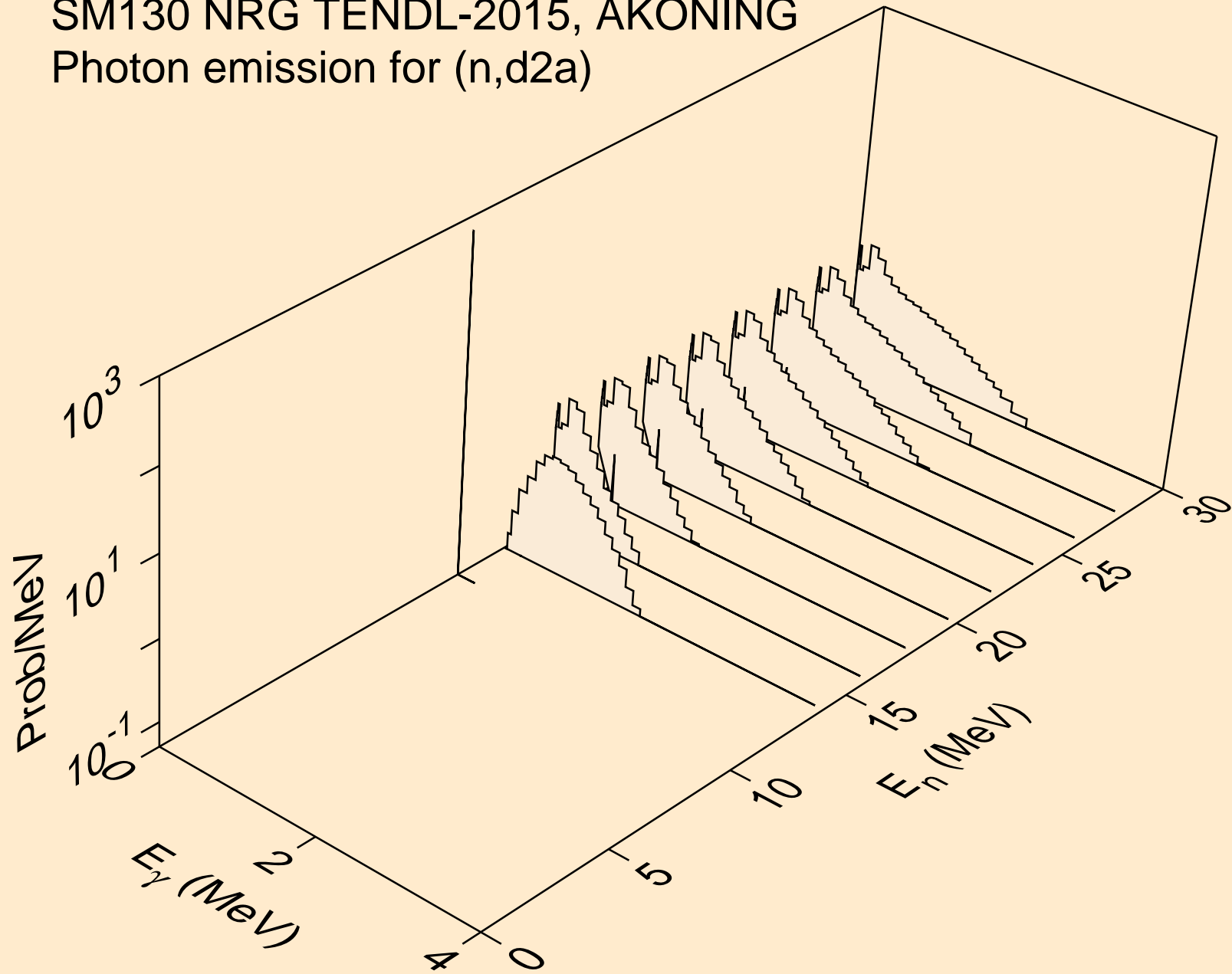


SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

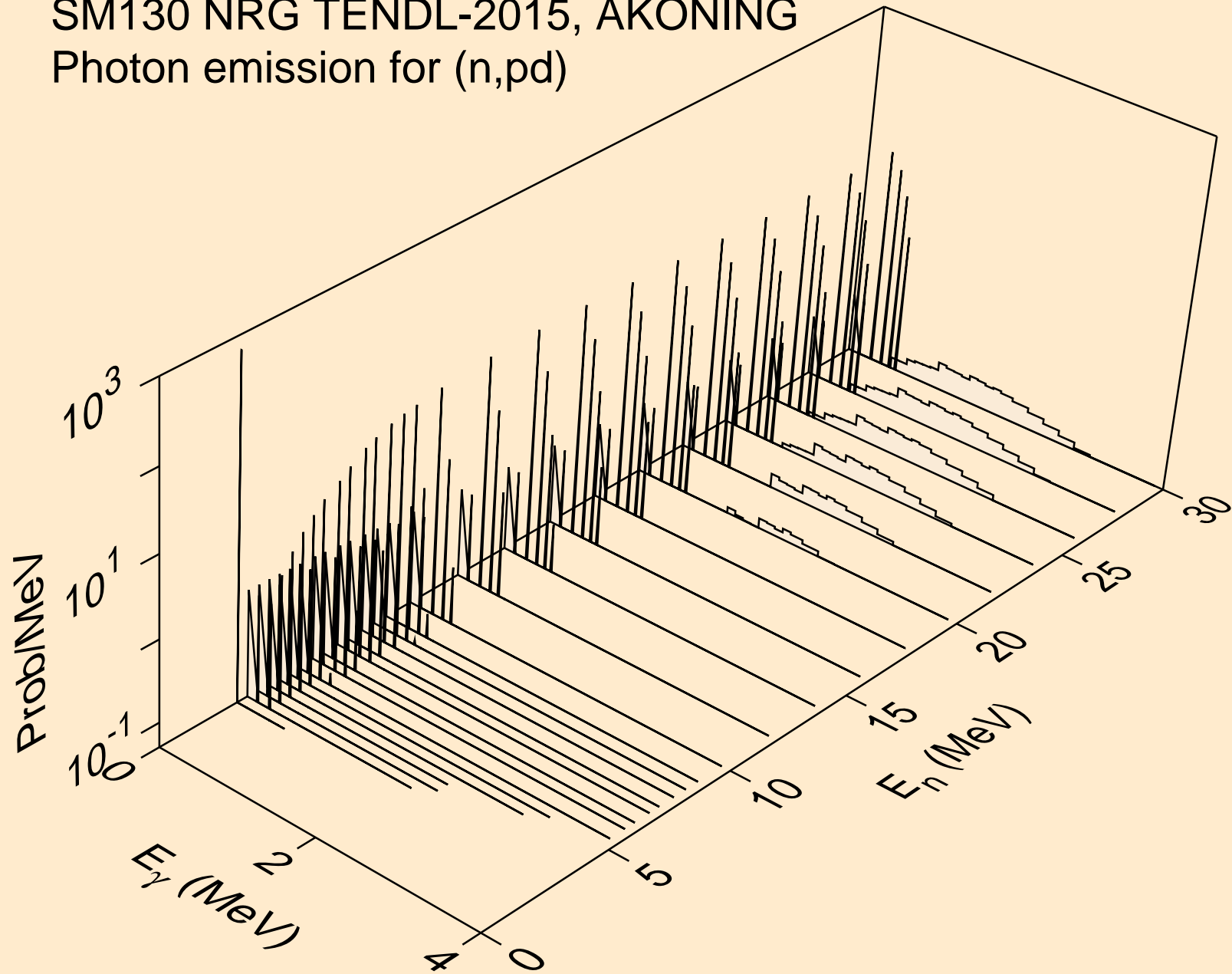




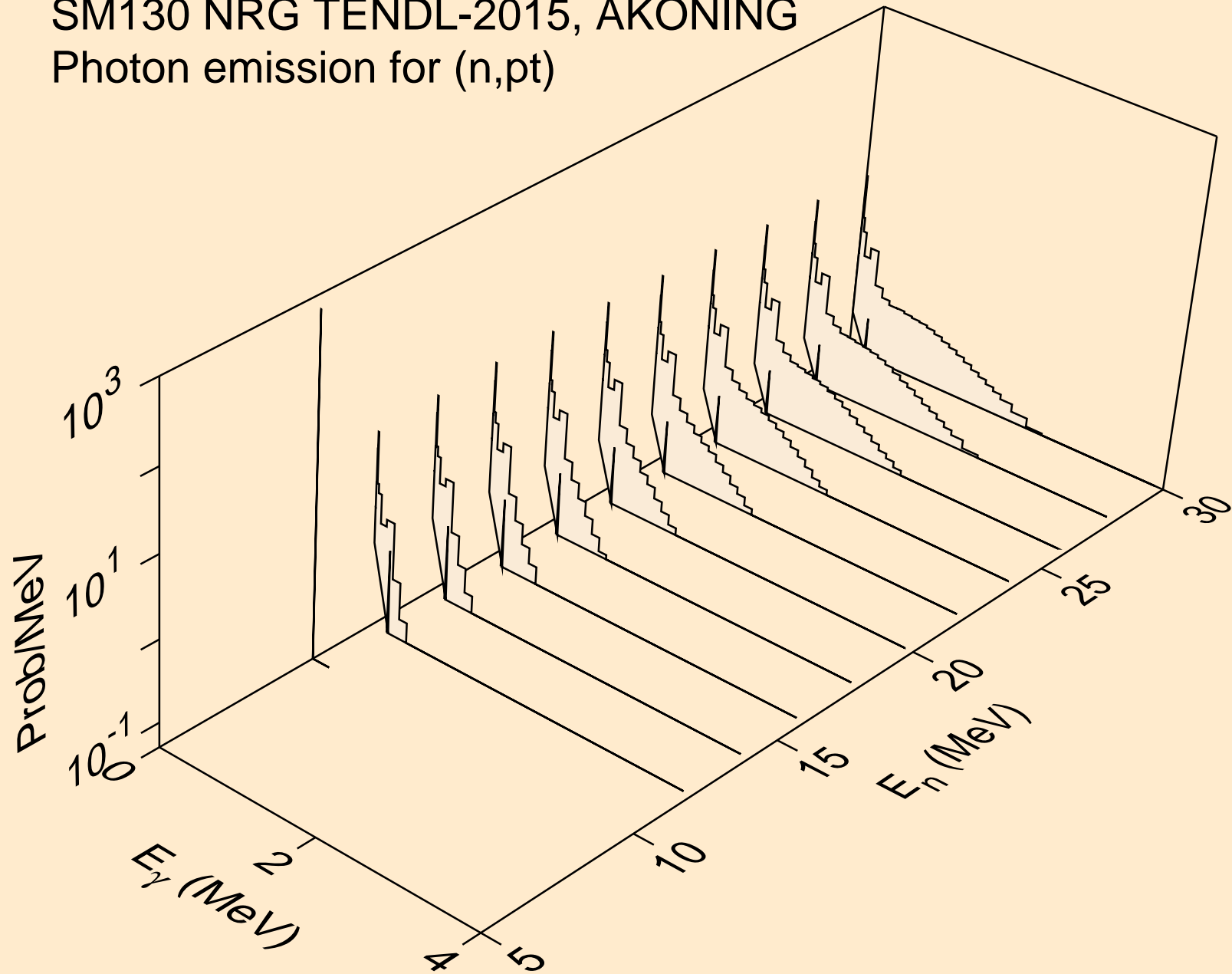
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



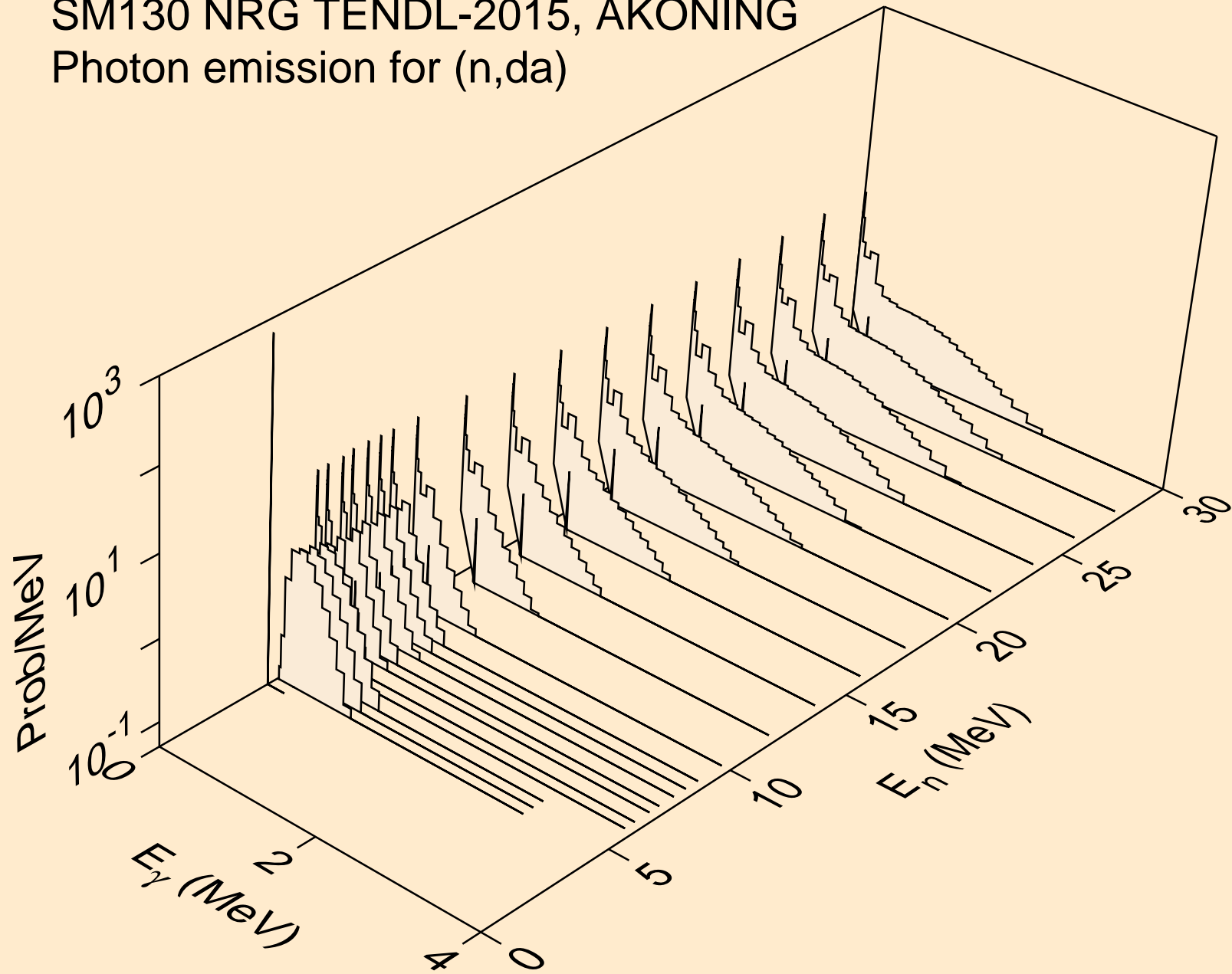
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



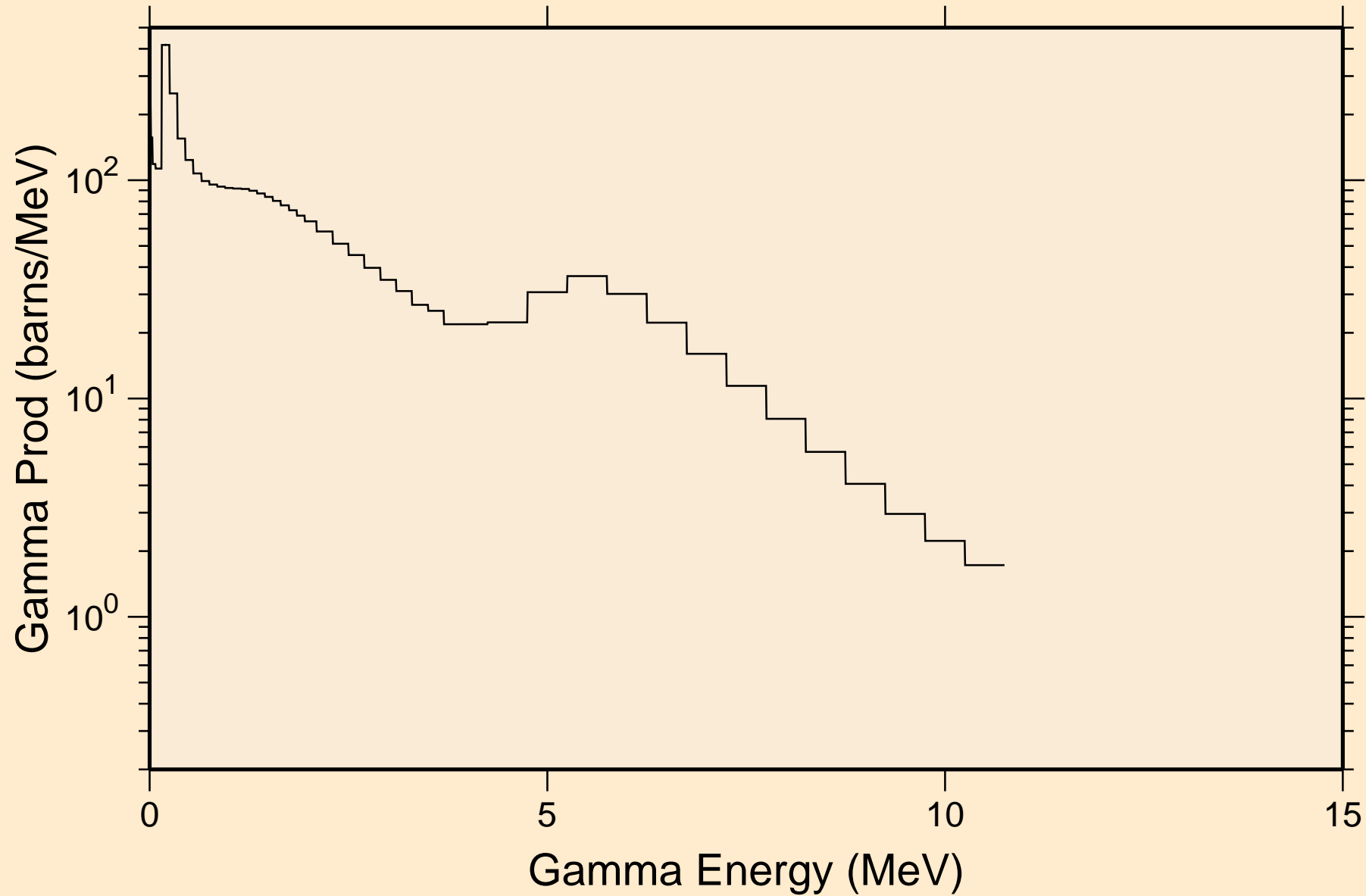
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



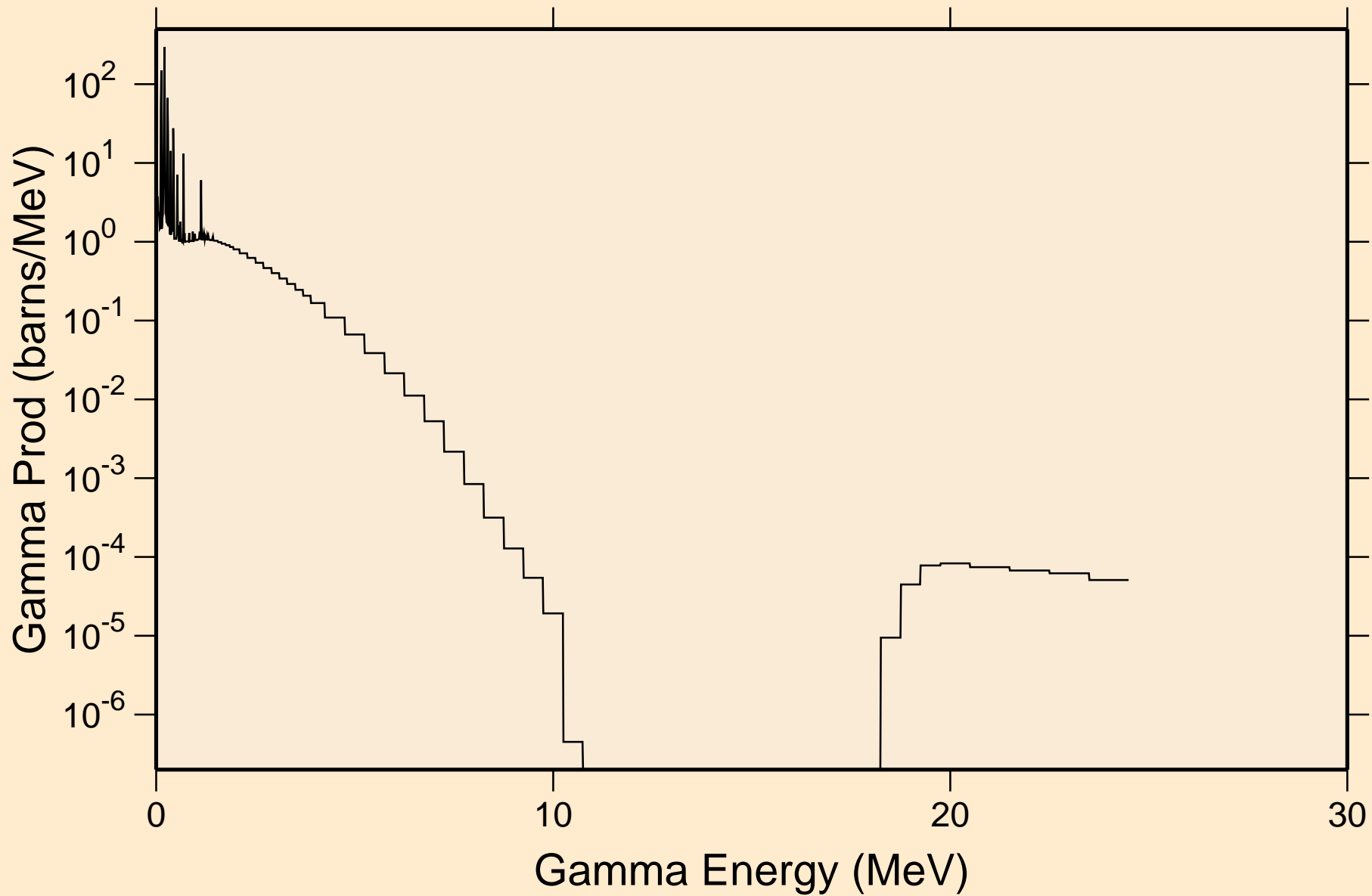
SM130 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SM130 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

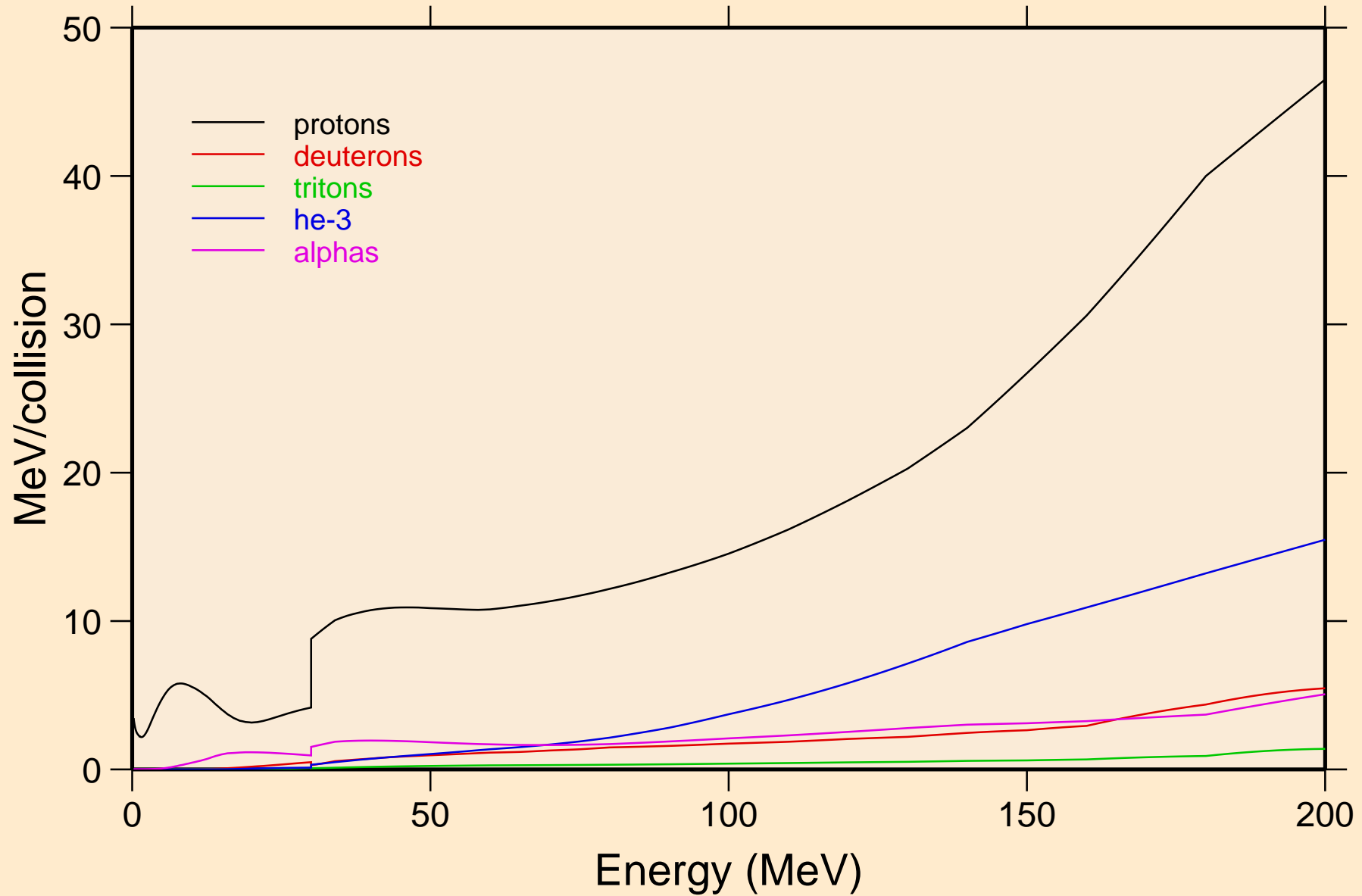


SM130 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



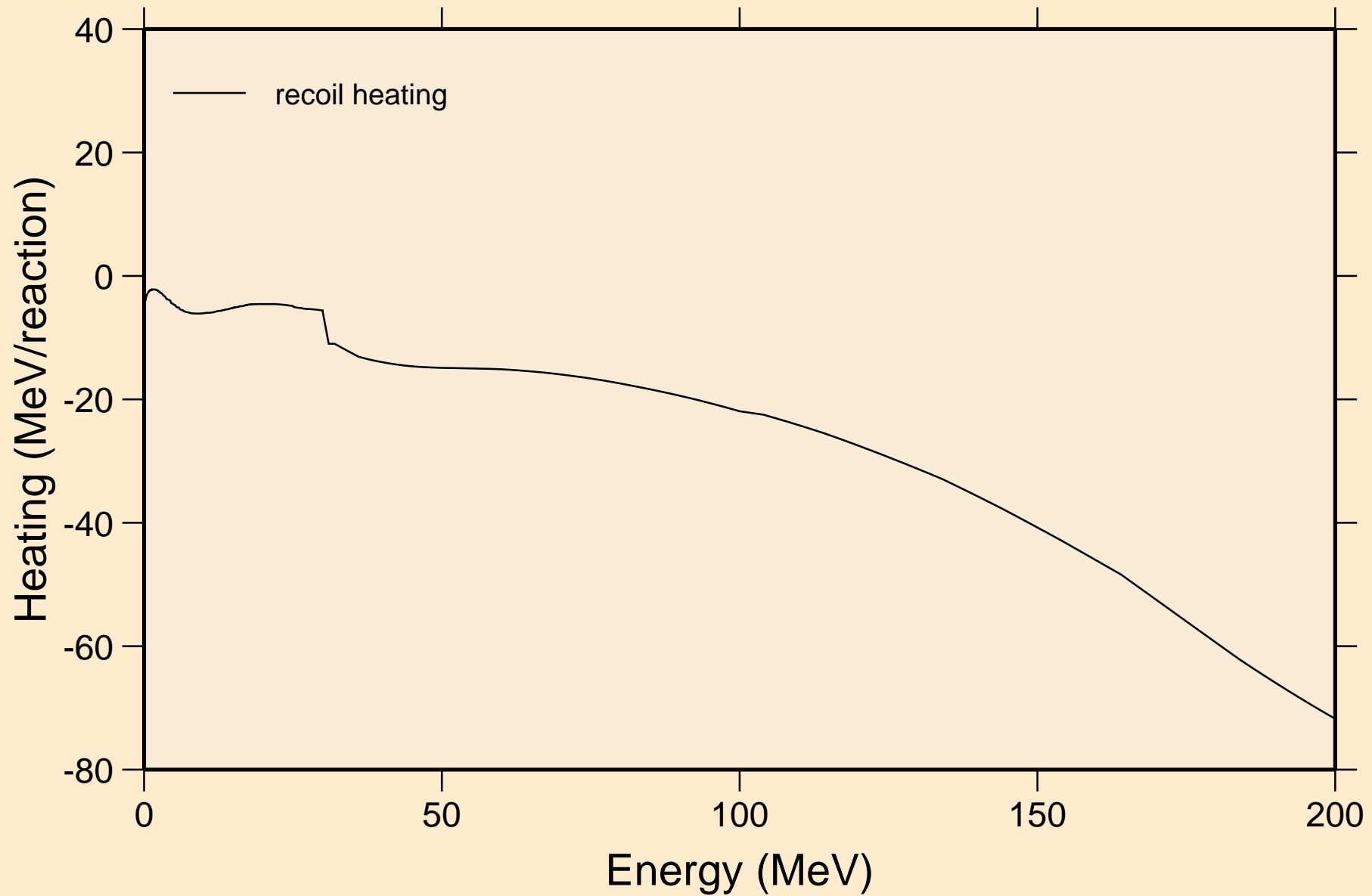
# SM130 NRG TENDL-2015, AKONING

## Particle heating contributions



# SM130 NRG TENDL-2015, AKONING

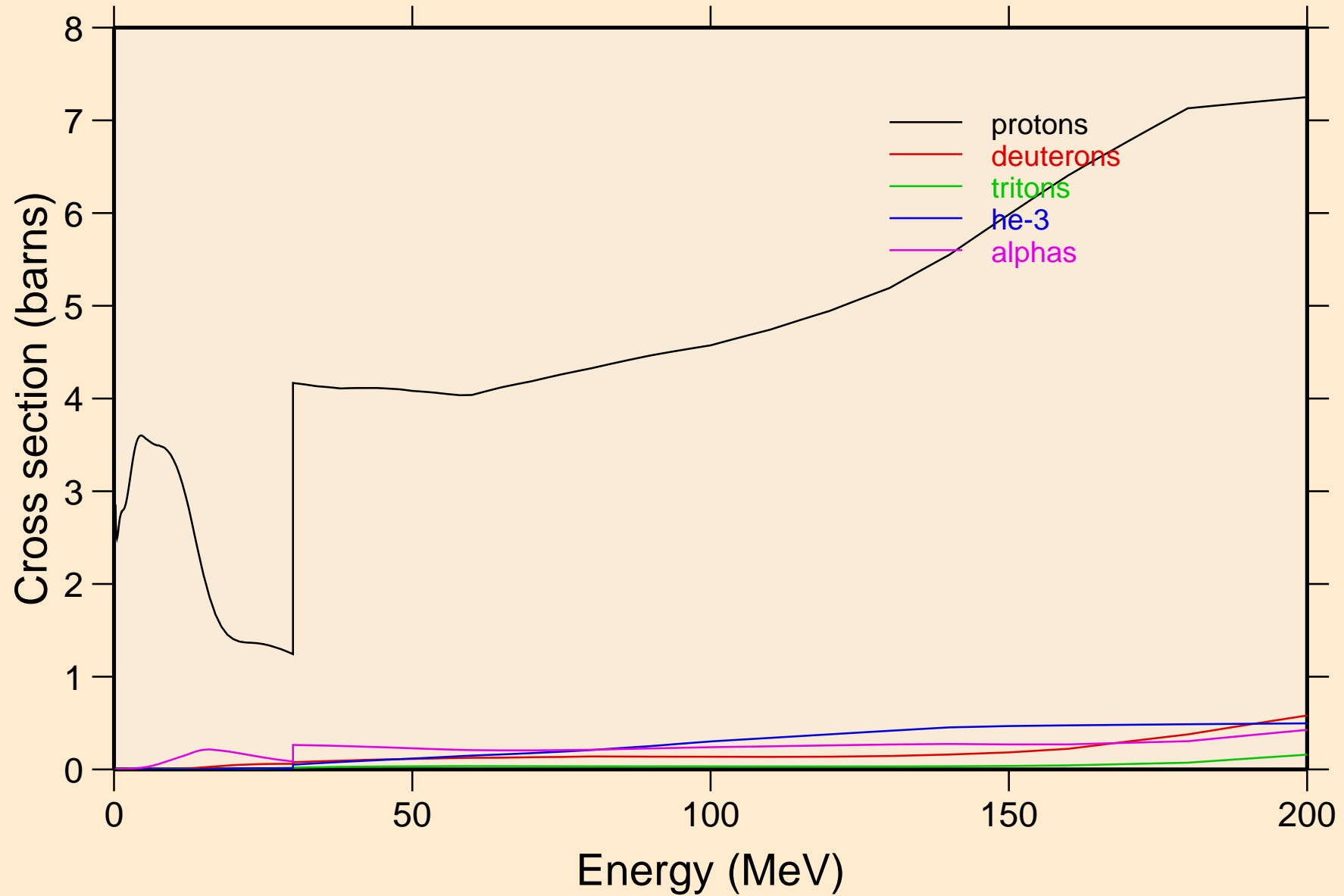
## Recoil Heating



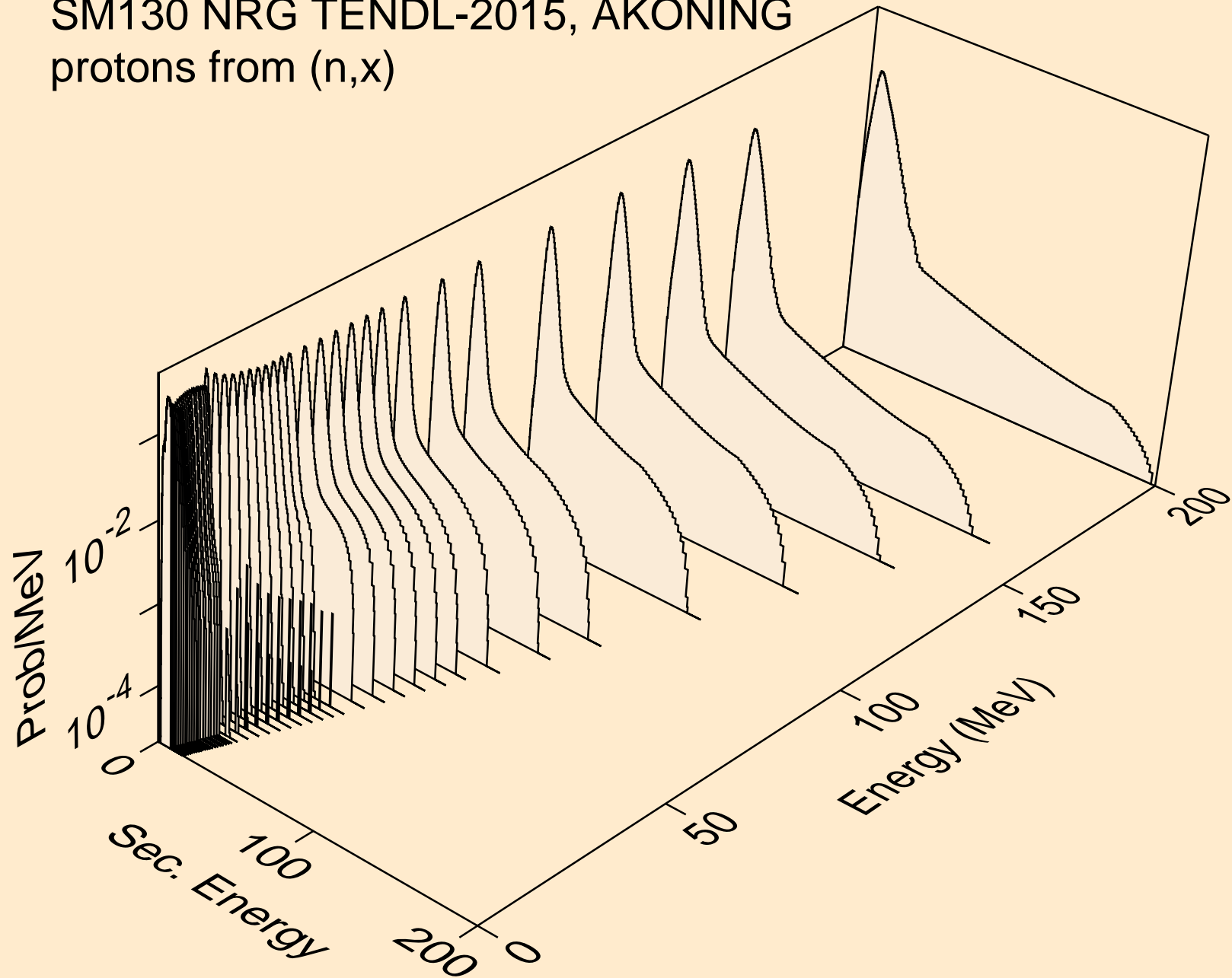


# SM130 NRG TENDL-2015, AKONING

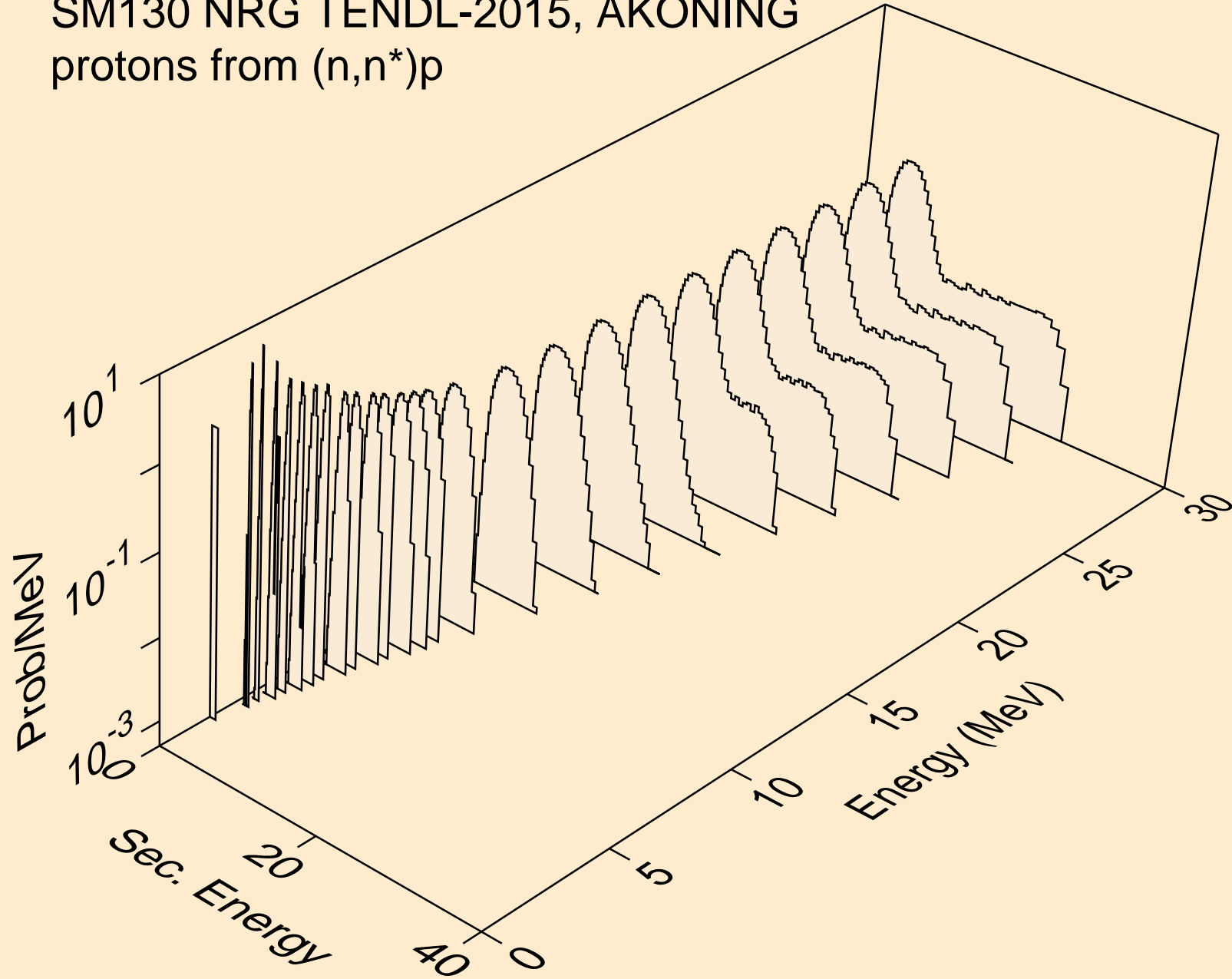
## Particle production cross sections



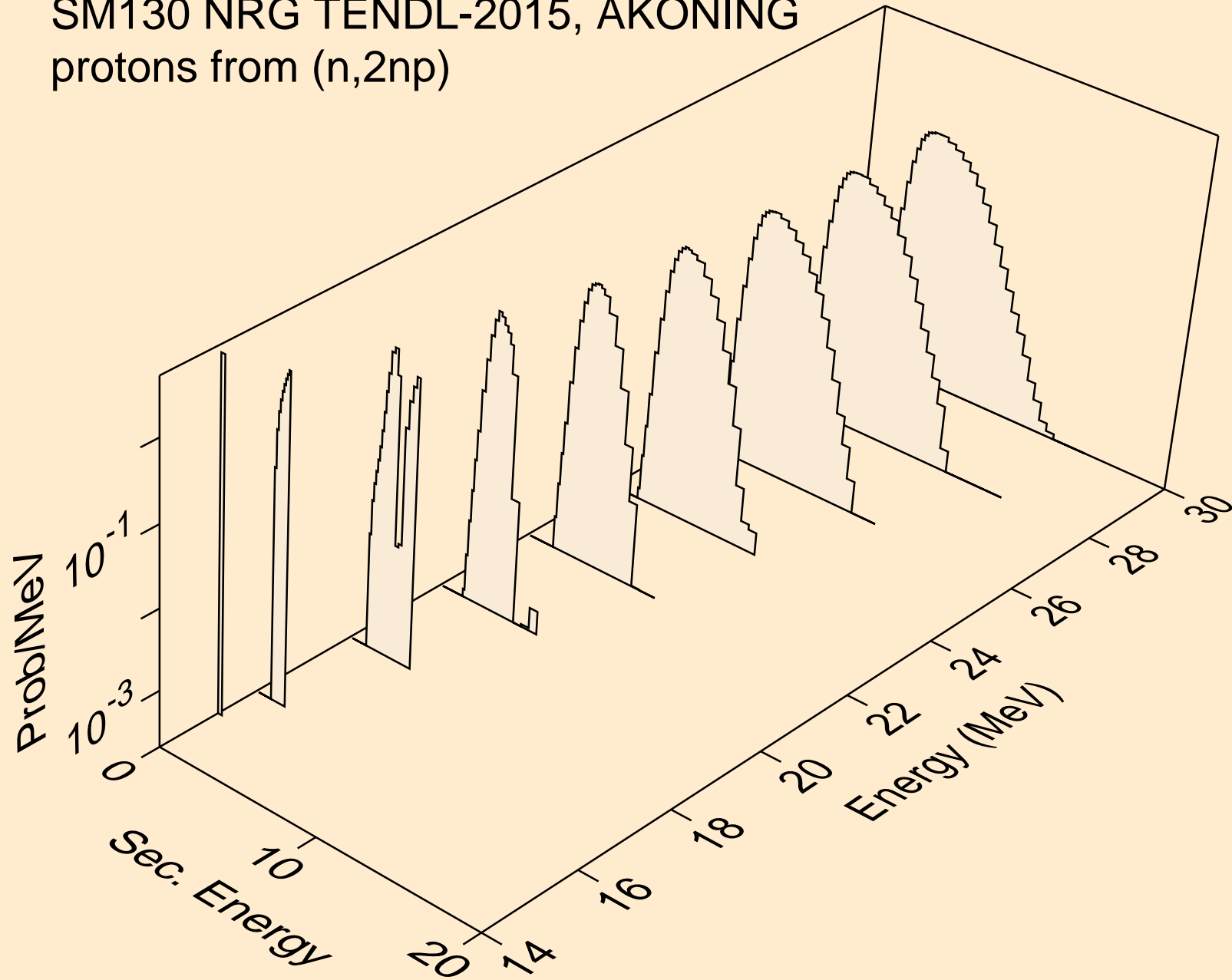
SM130 NRG TENDL-2015, AKONING  
protons from (n,x)



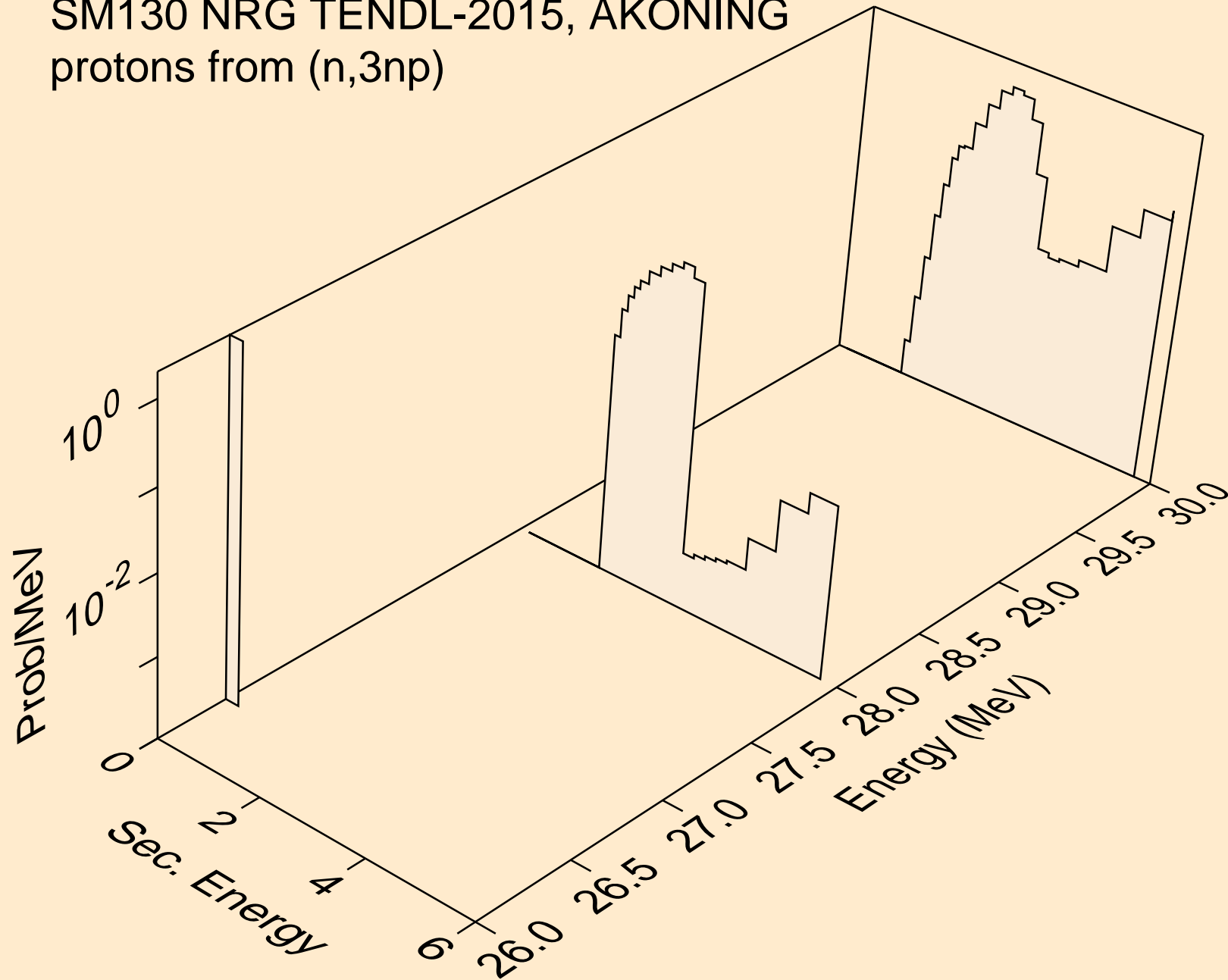
SM130 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



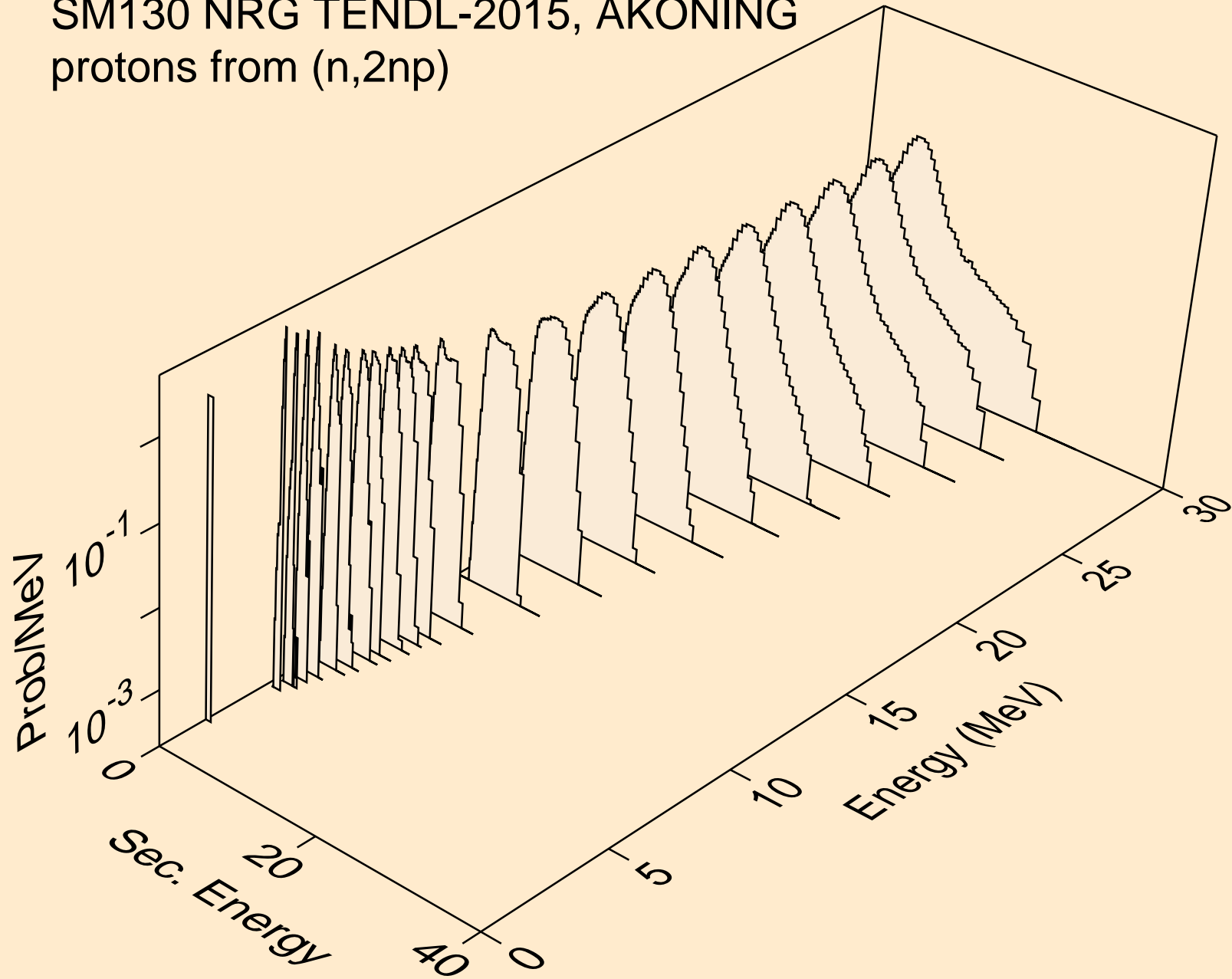
SM130 NRG TENDL-2015, AKONING  
protons from (n,2np)



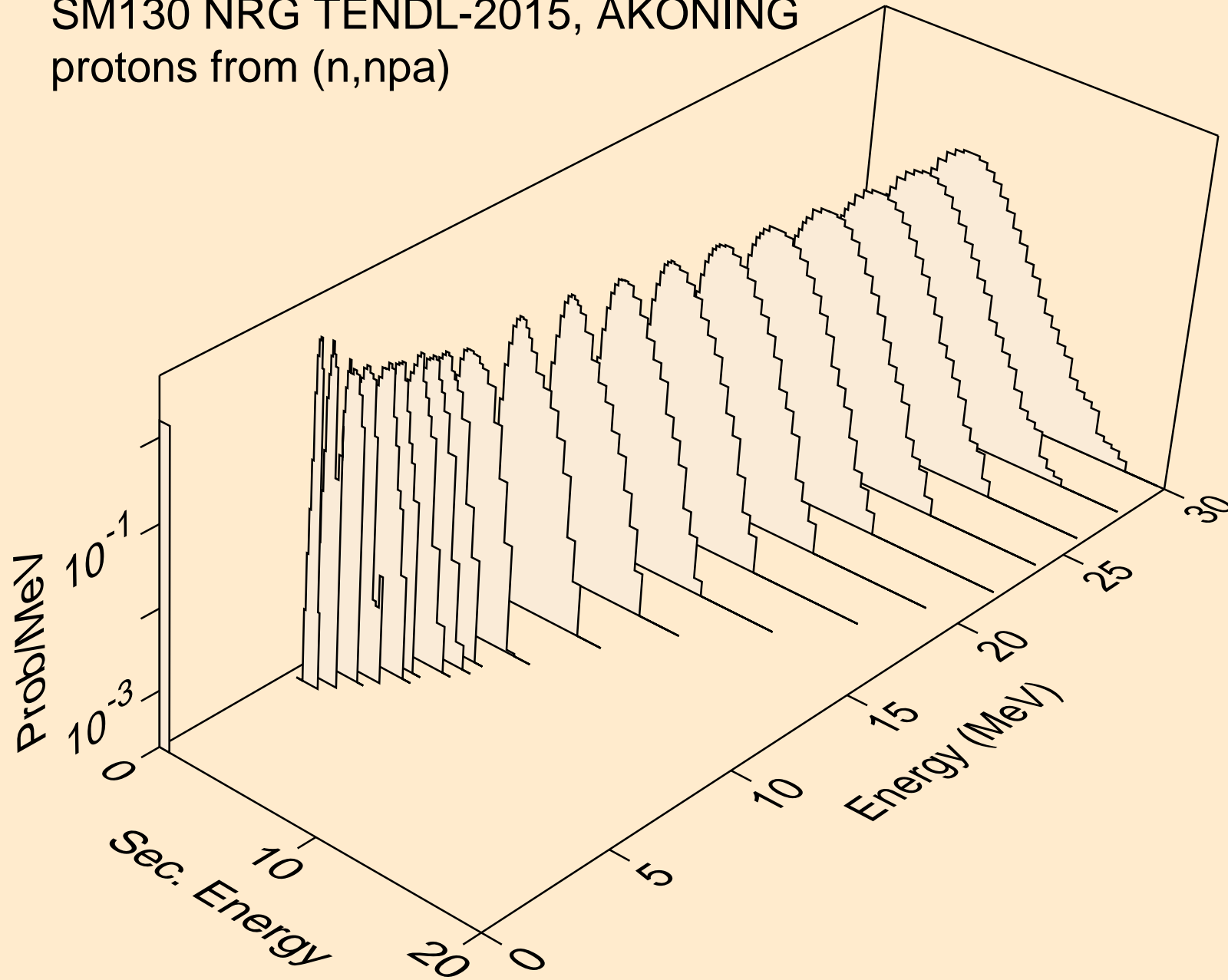
SM130 NRG TENDL-2015, AKONING  
protons from (n,3np)



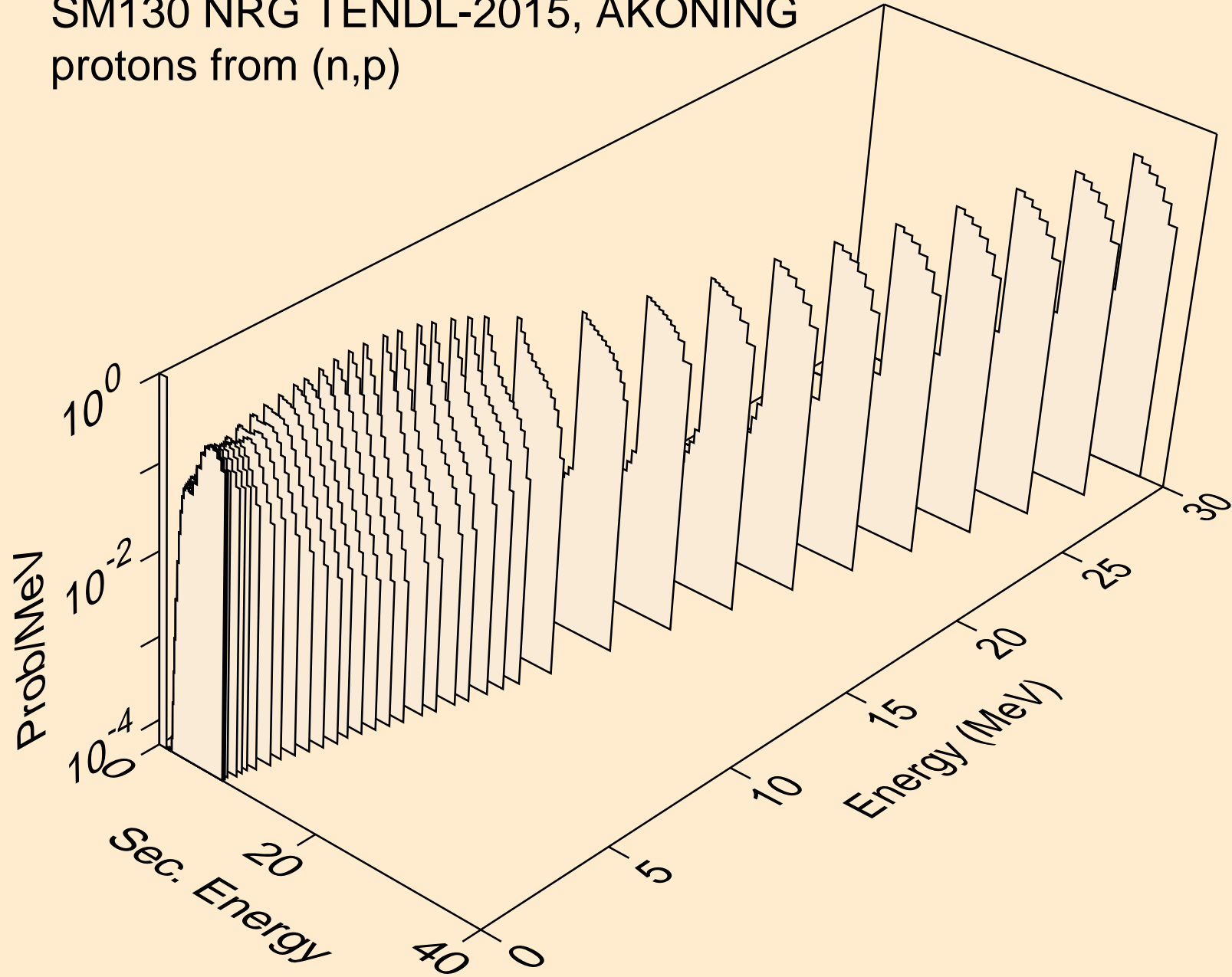
SM130 NRG TENDL-2015, AKONING  
protons from (n,2np)



SM130 NRG TENDL-2015, AKONING  
protons from (n,npa)

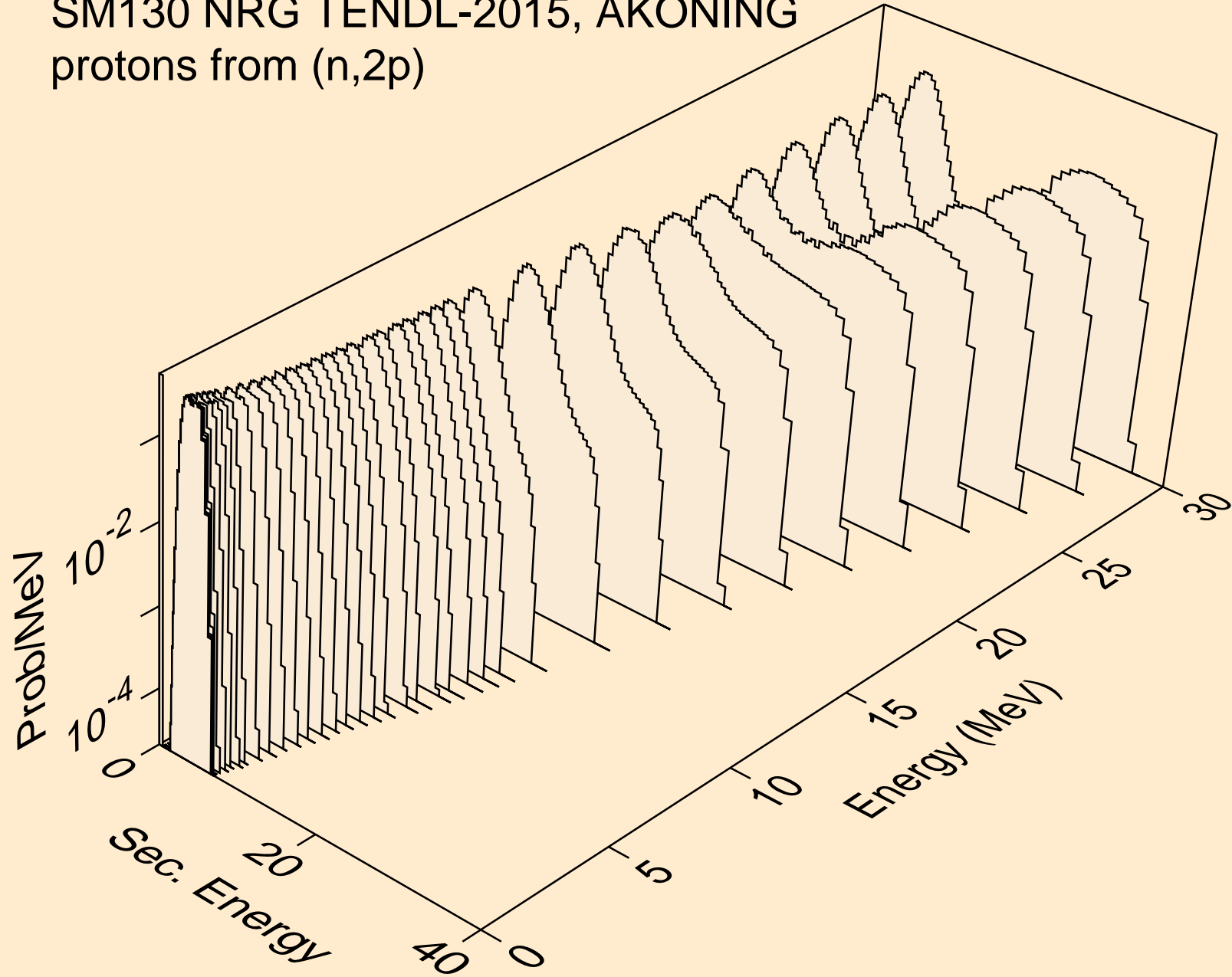


SM130 NRG TENDL-2015, AKONING  
protons from (n,p)

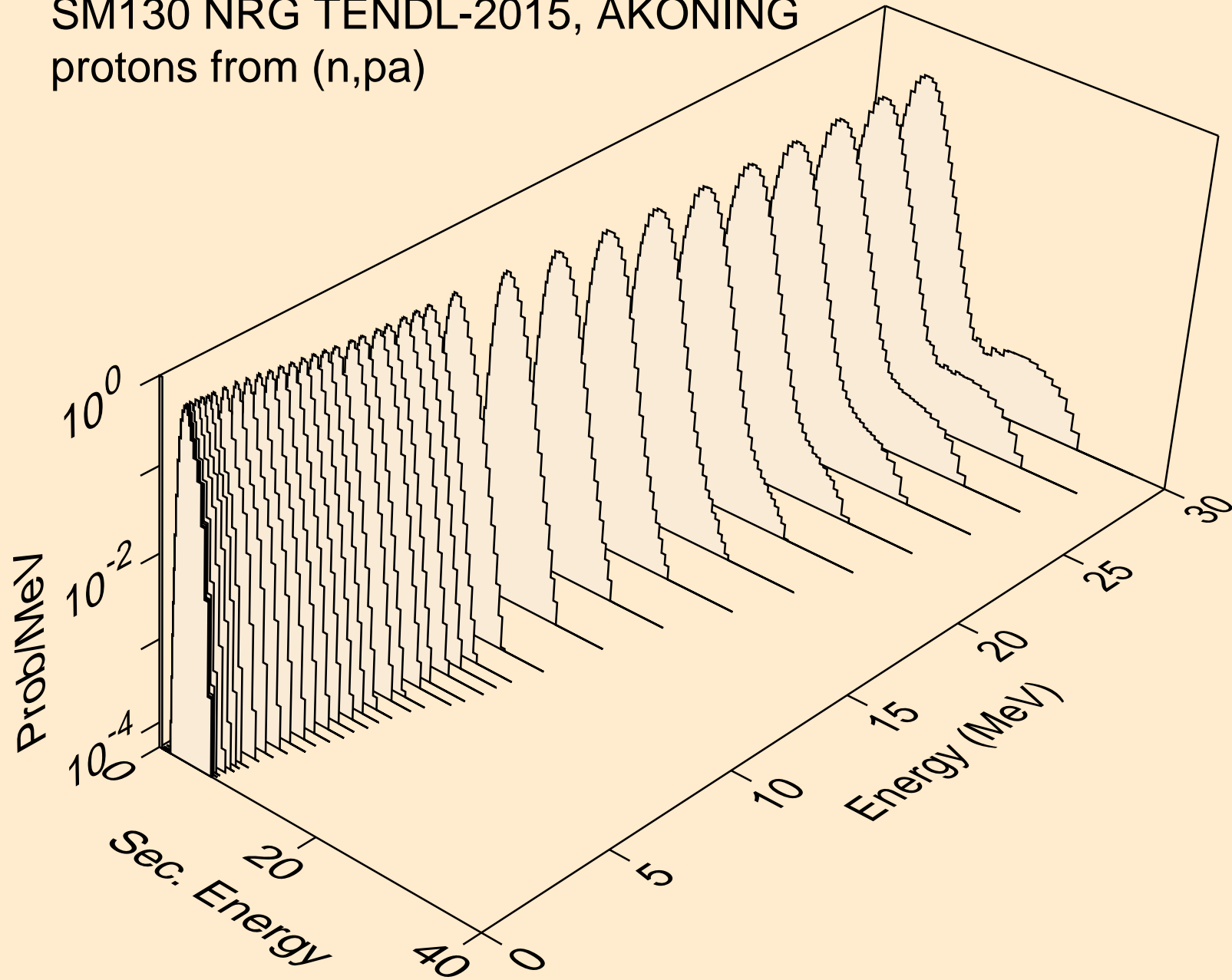




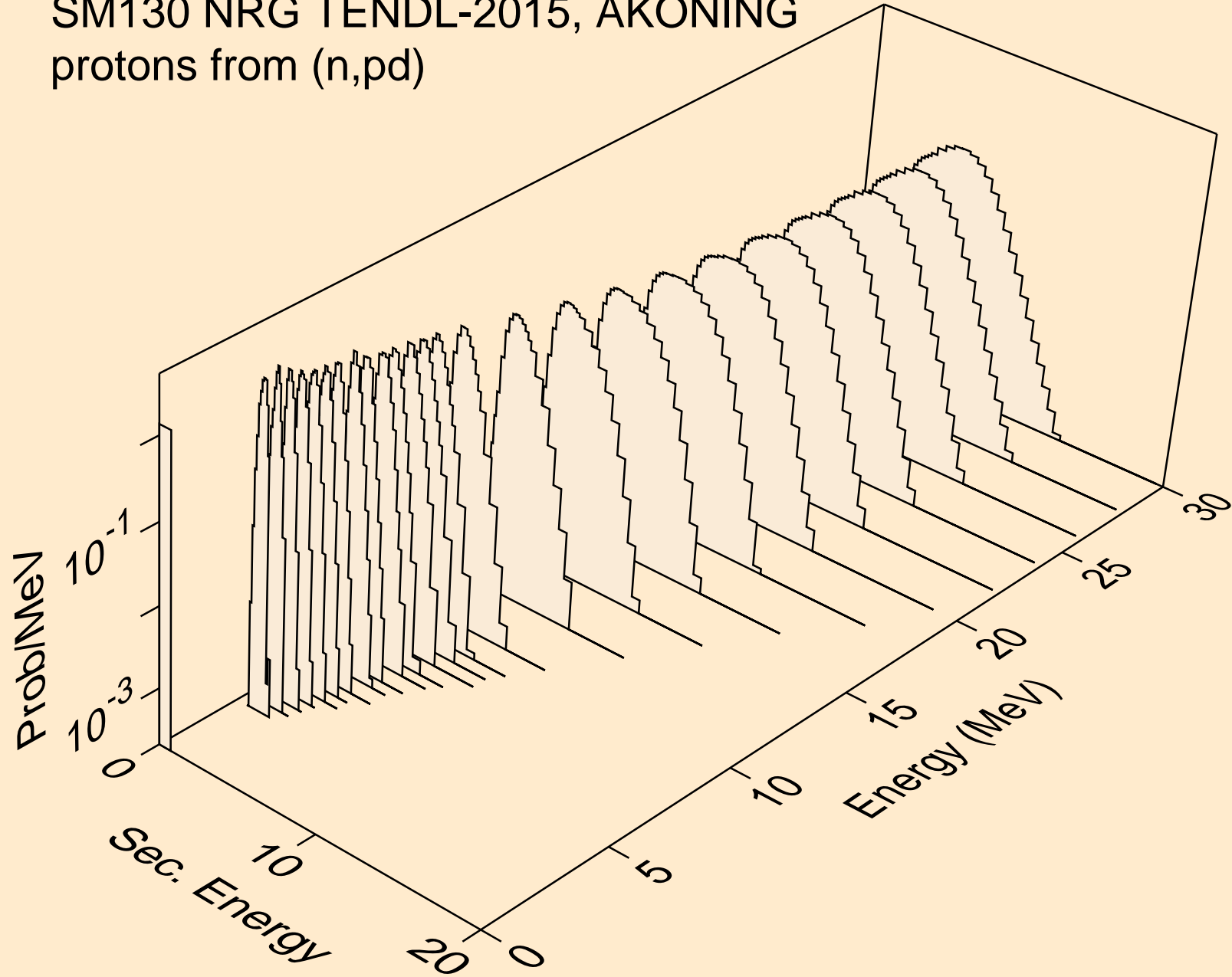
SM130 NRG TENDL-2015, AKONING  
protons from (n,2p)



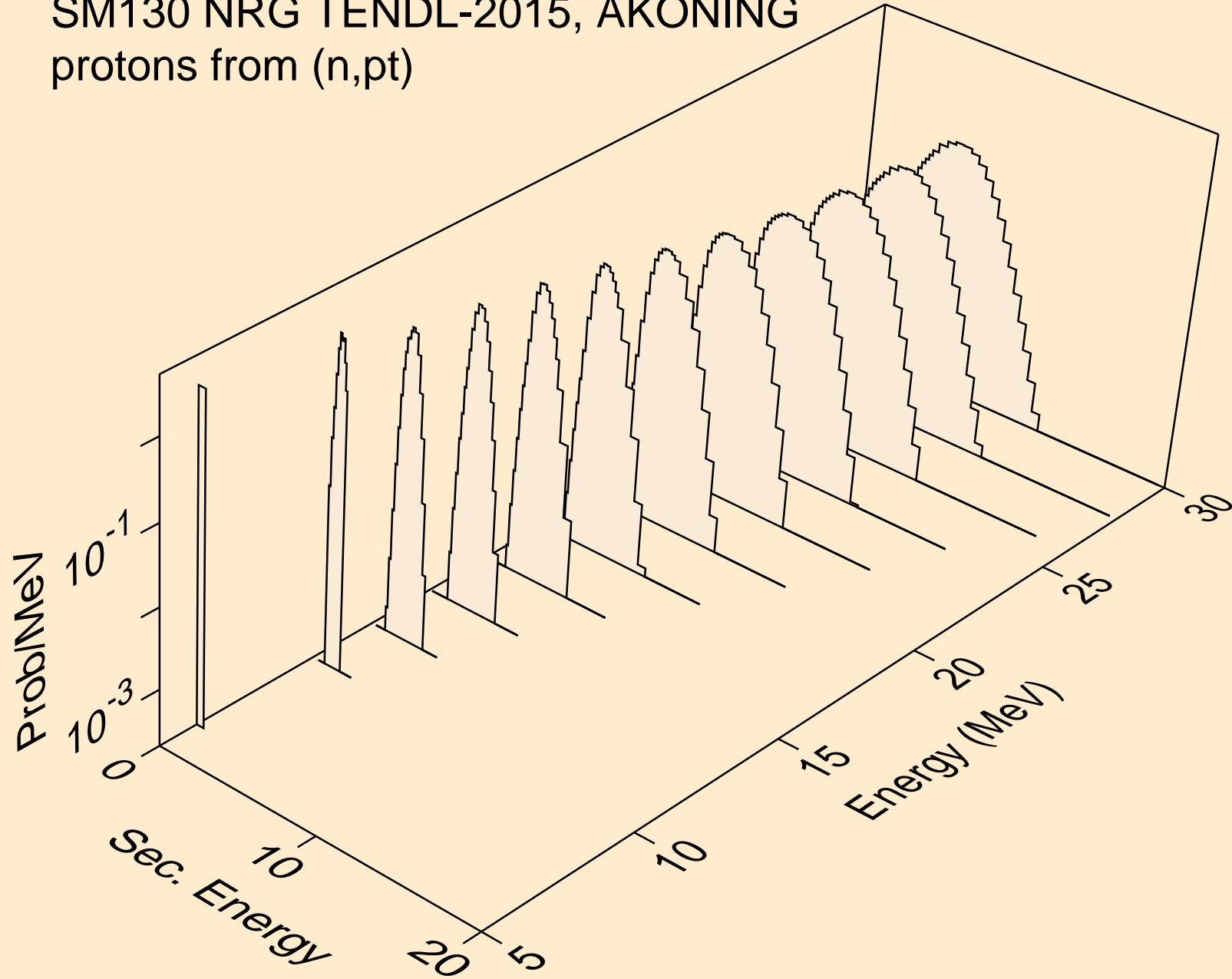
SM130 NRG TENDL-2015, AKONING  
protons from (n,pa)



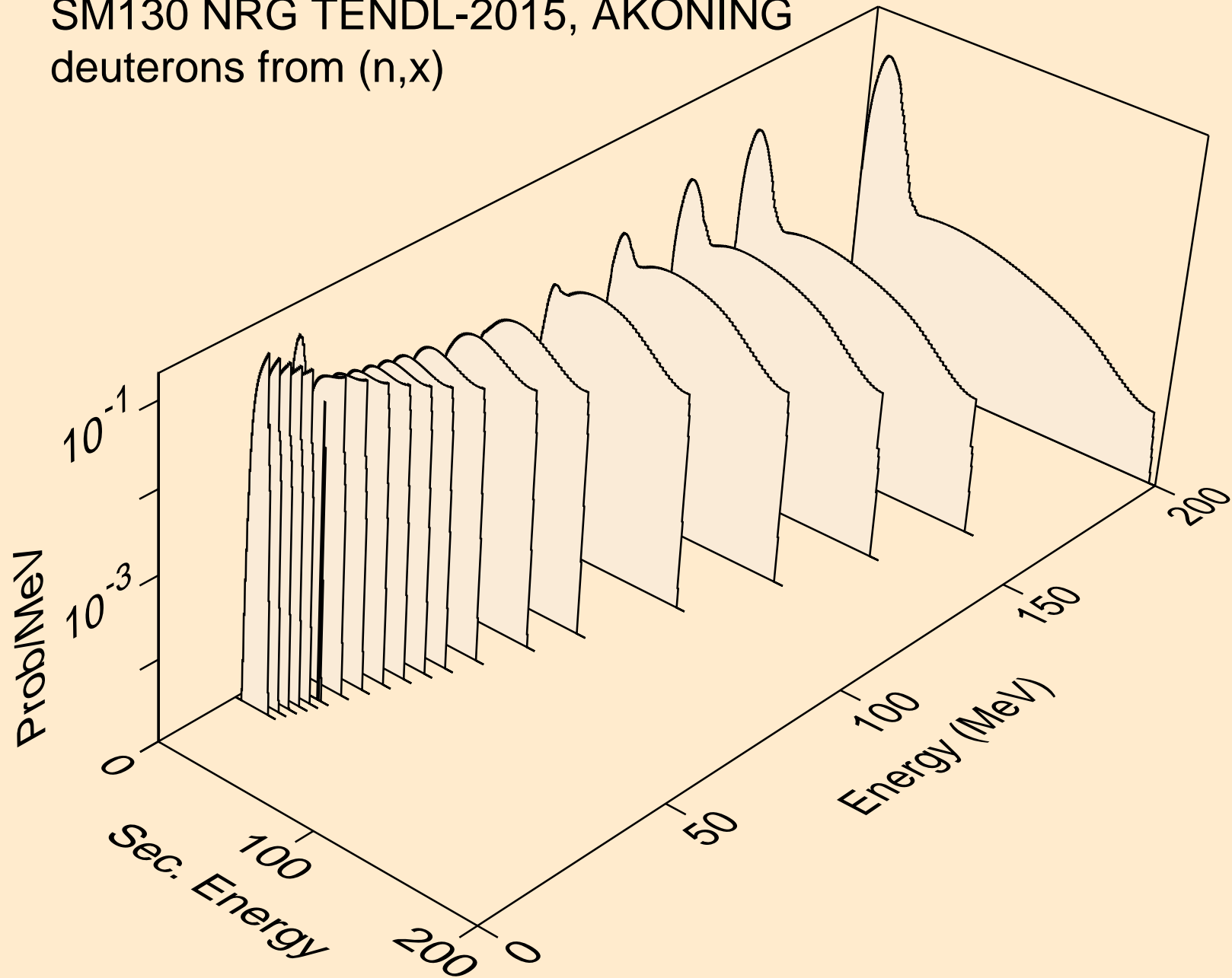
SM130 NRG TENDL-2015, AKONING  
protons from (n,pd)



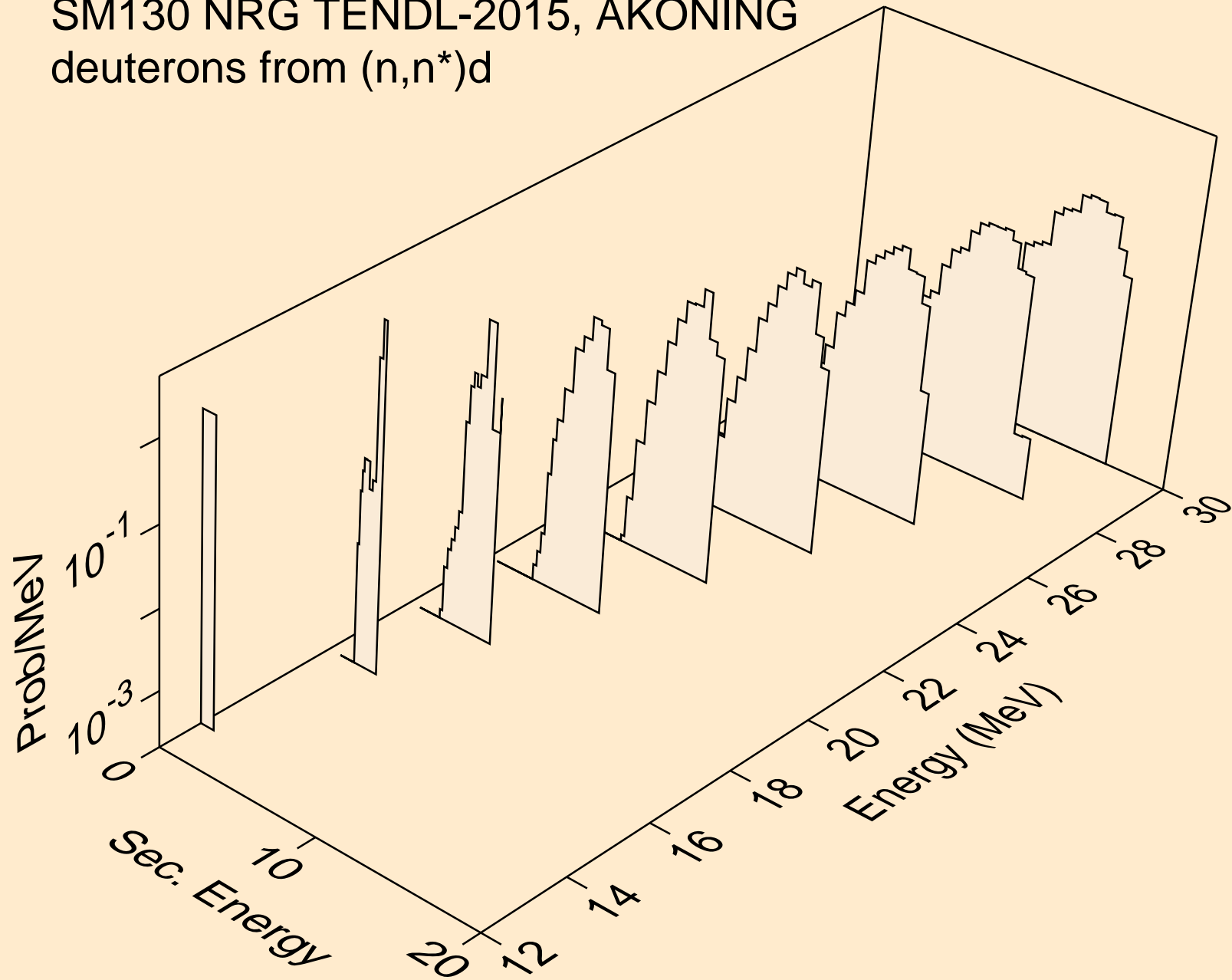
SM130 NRG TENDL-2015, AKONING  
protons from (n,pt)



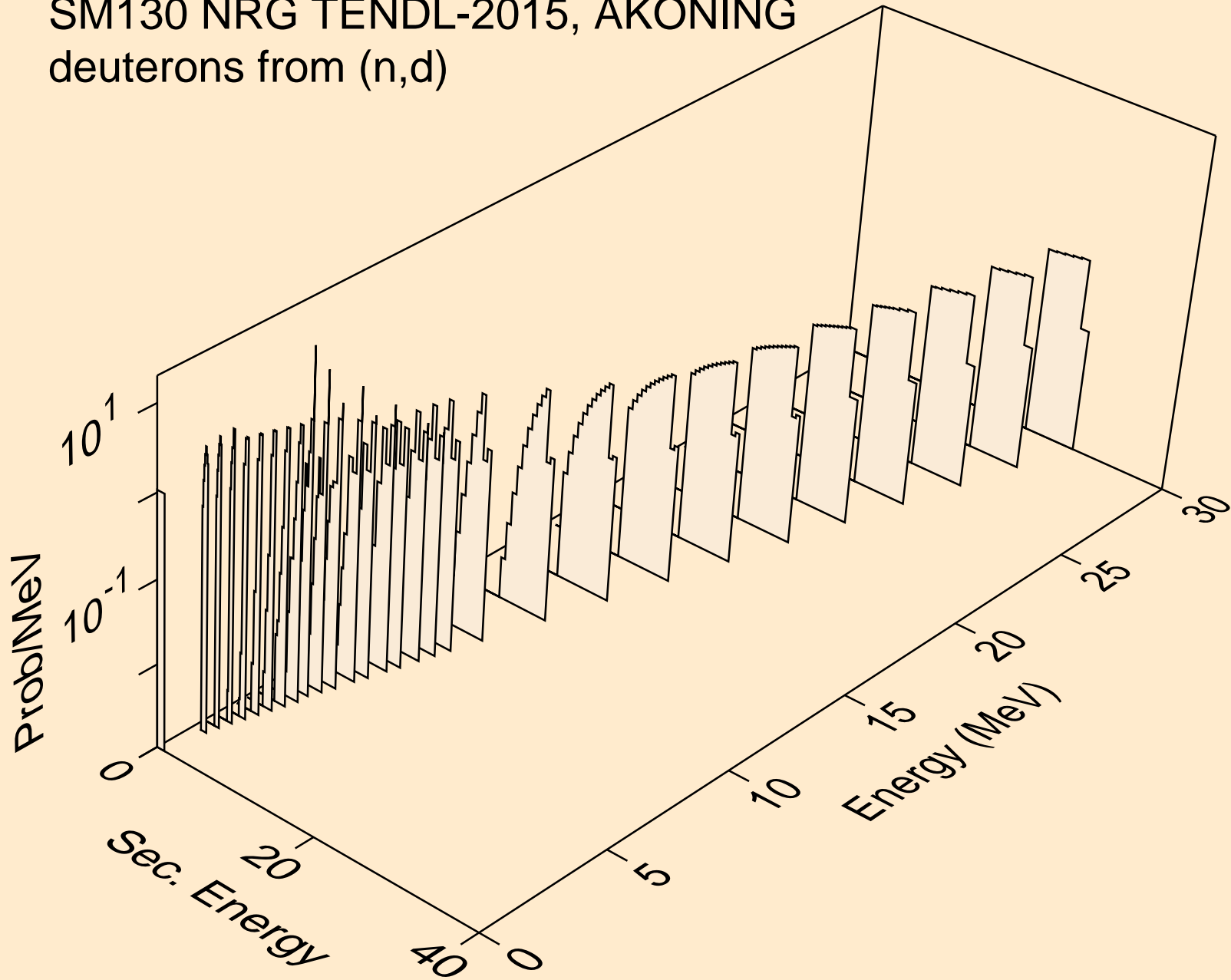
SM130 NRG TENDL-2015, AKONING  
deuterons from (n,x)



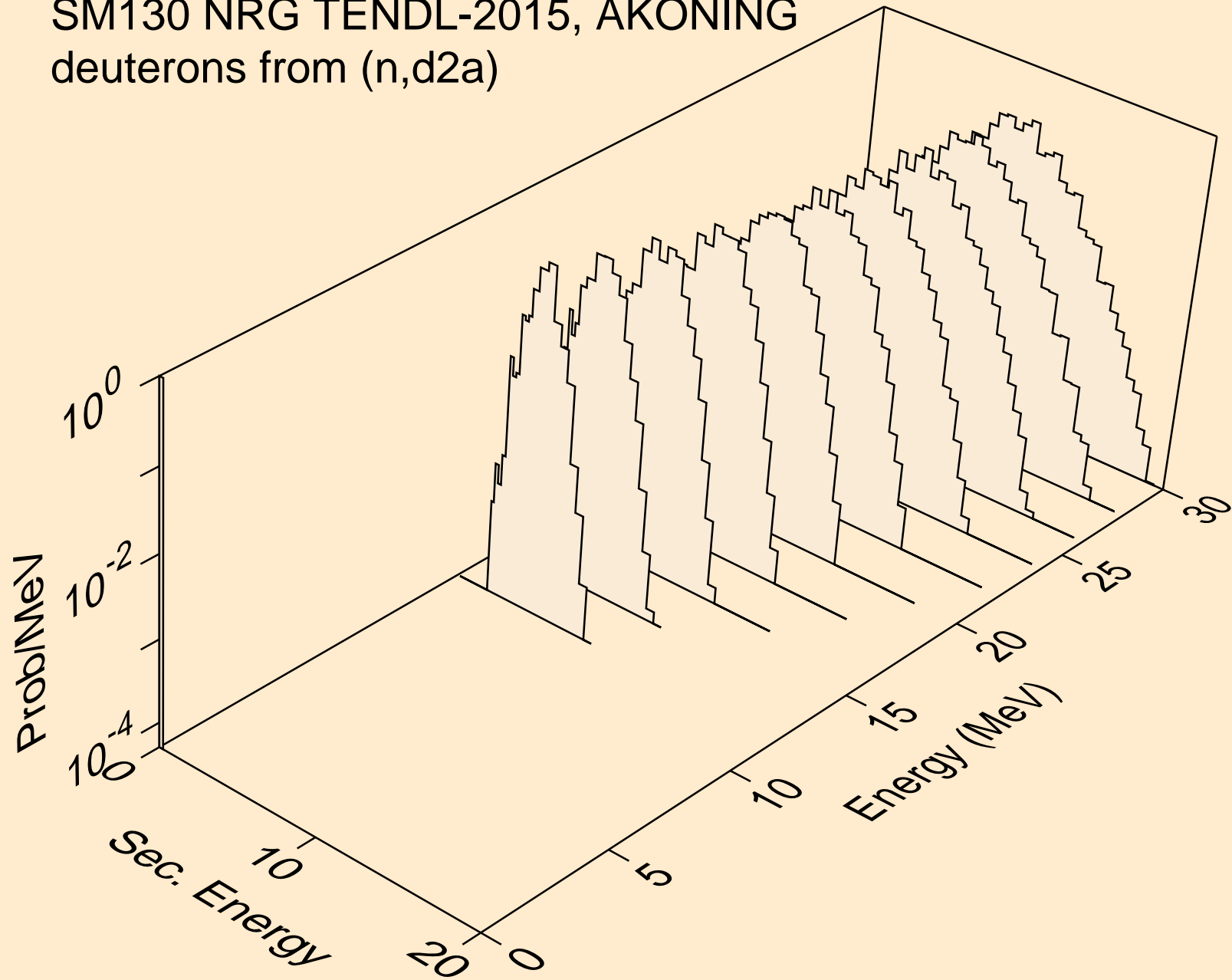
SM130 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



SM130 NRG TENDL-2015, AKONING  
deuterons from (n,d)

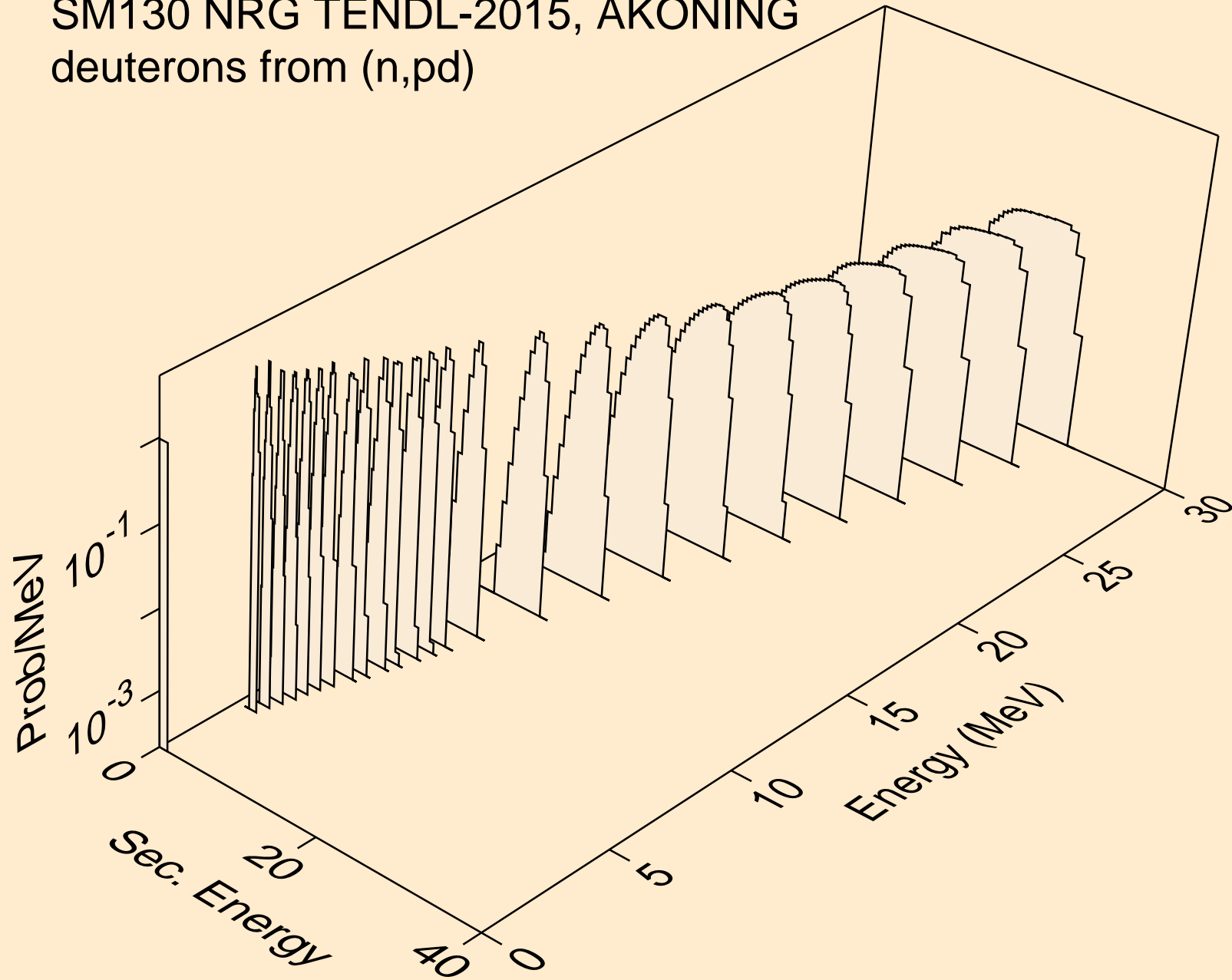


SM130 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

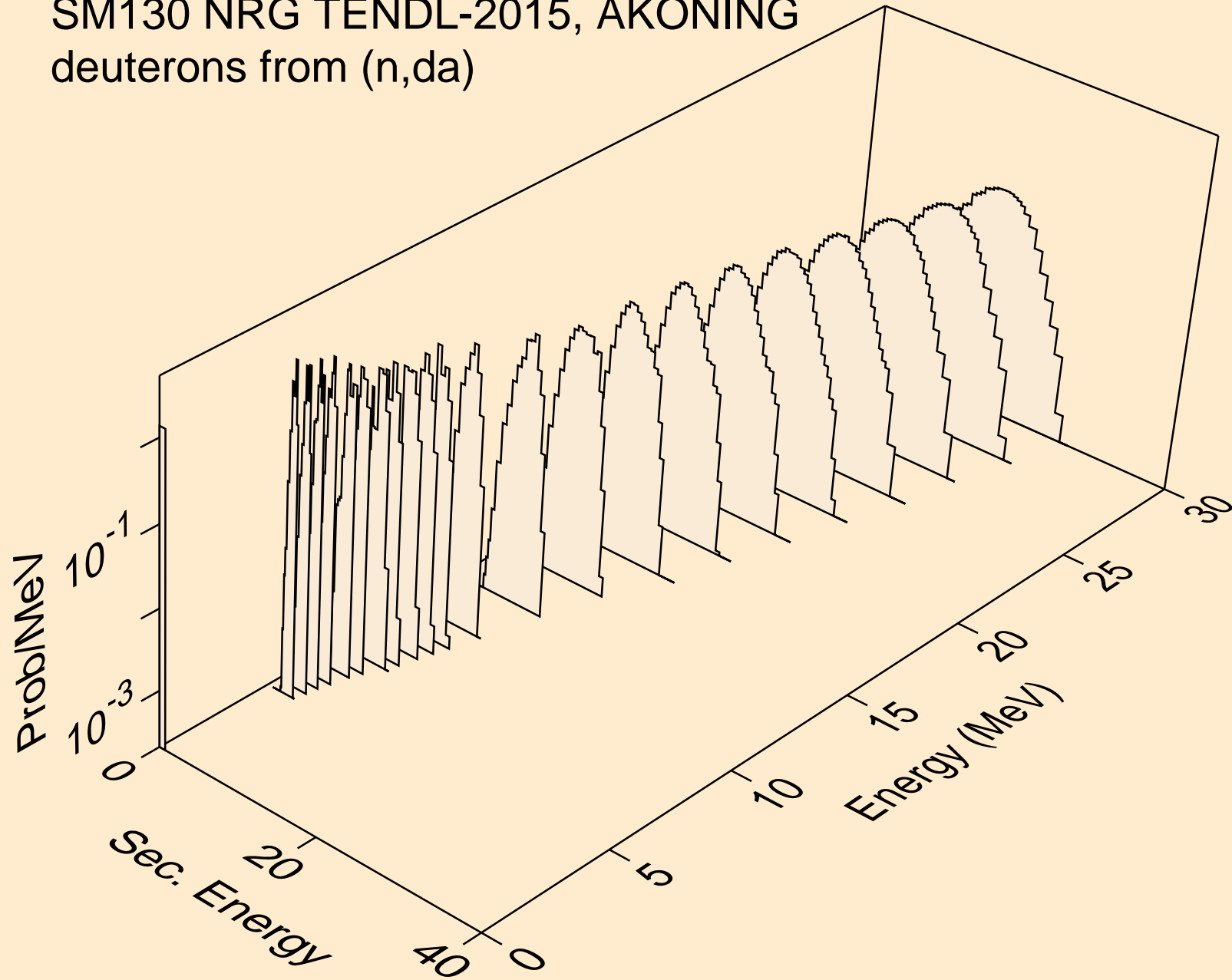




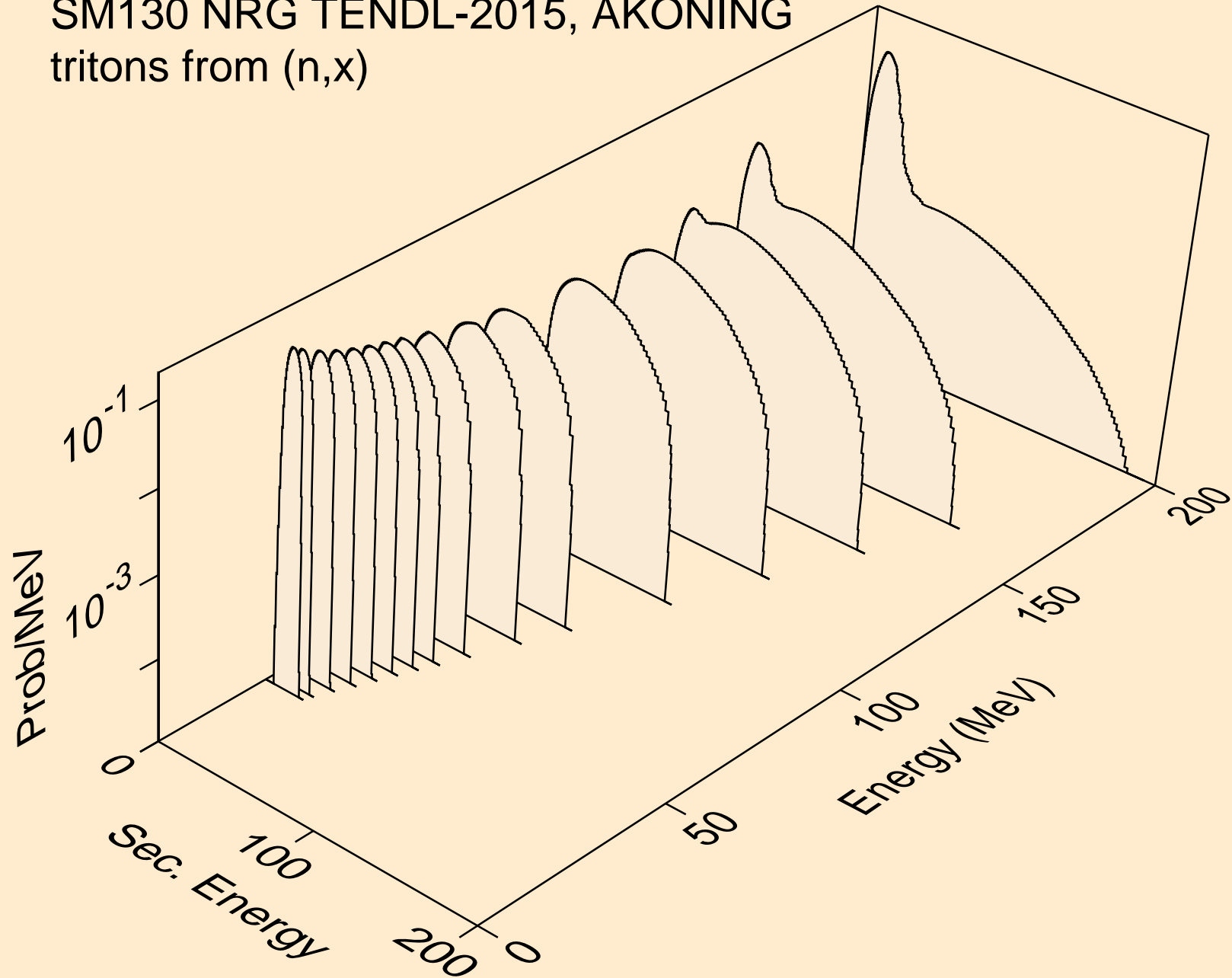
SM130 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



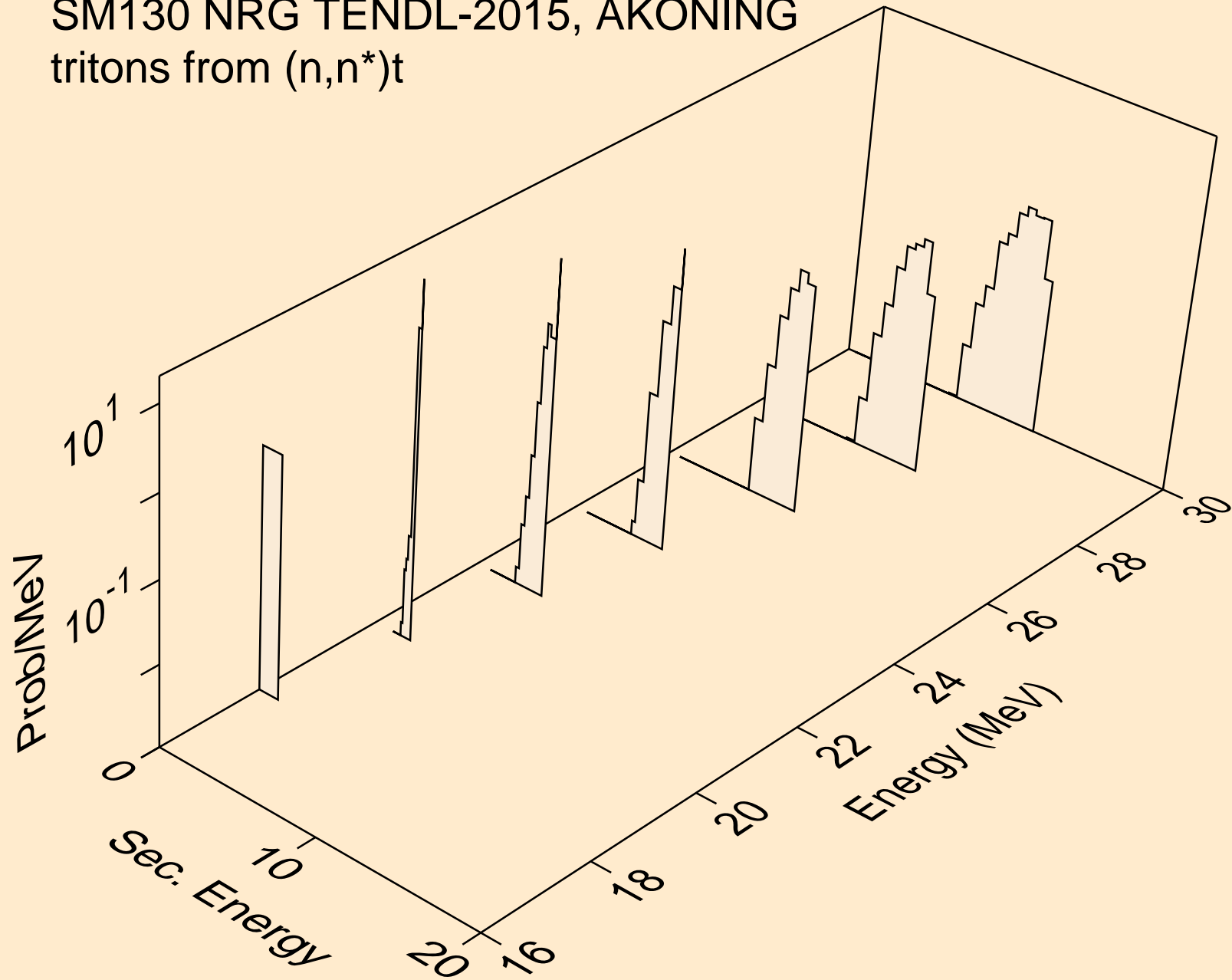
SM130 NRG TENDL-2015, AKONING  
deuterons from (n,da)



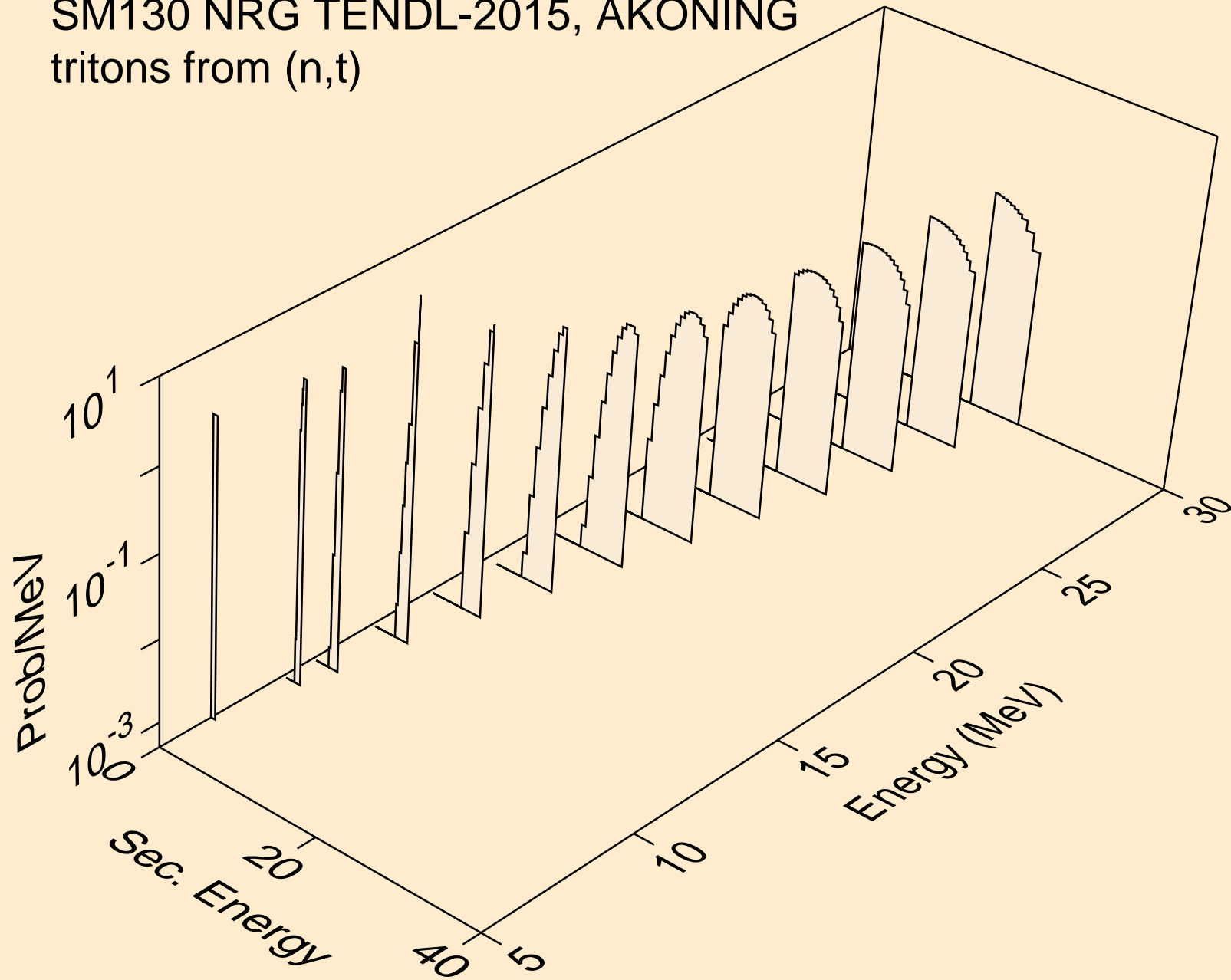
SM130 NRG TENDL-2015, AKONING  
tritons from (n,x)



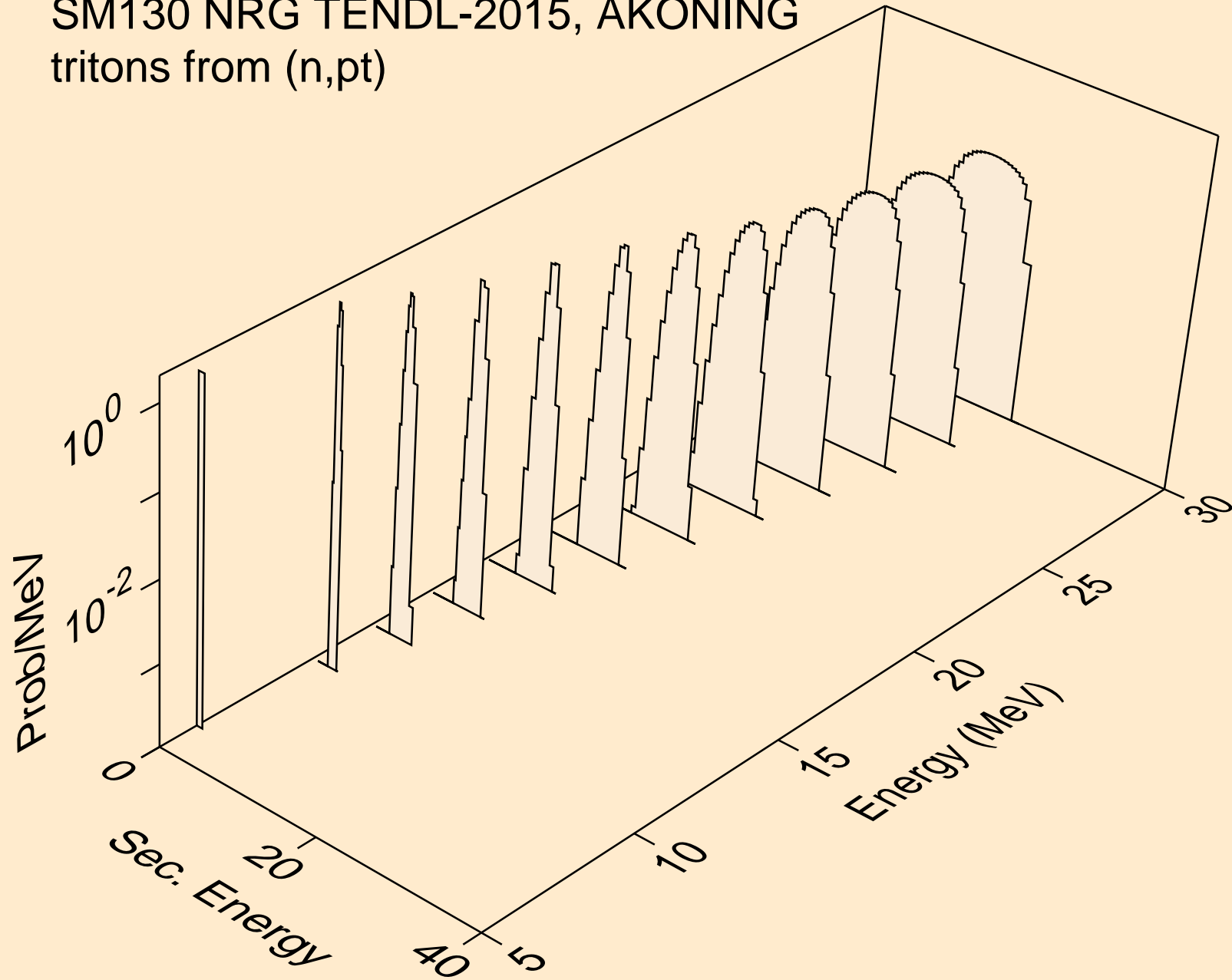
SM130 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



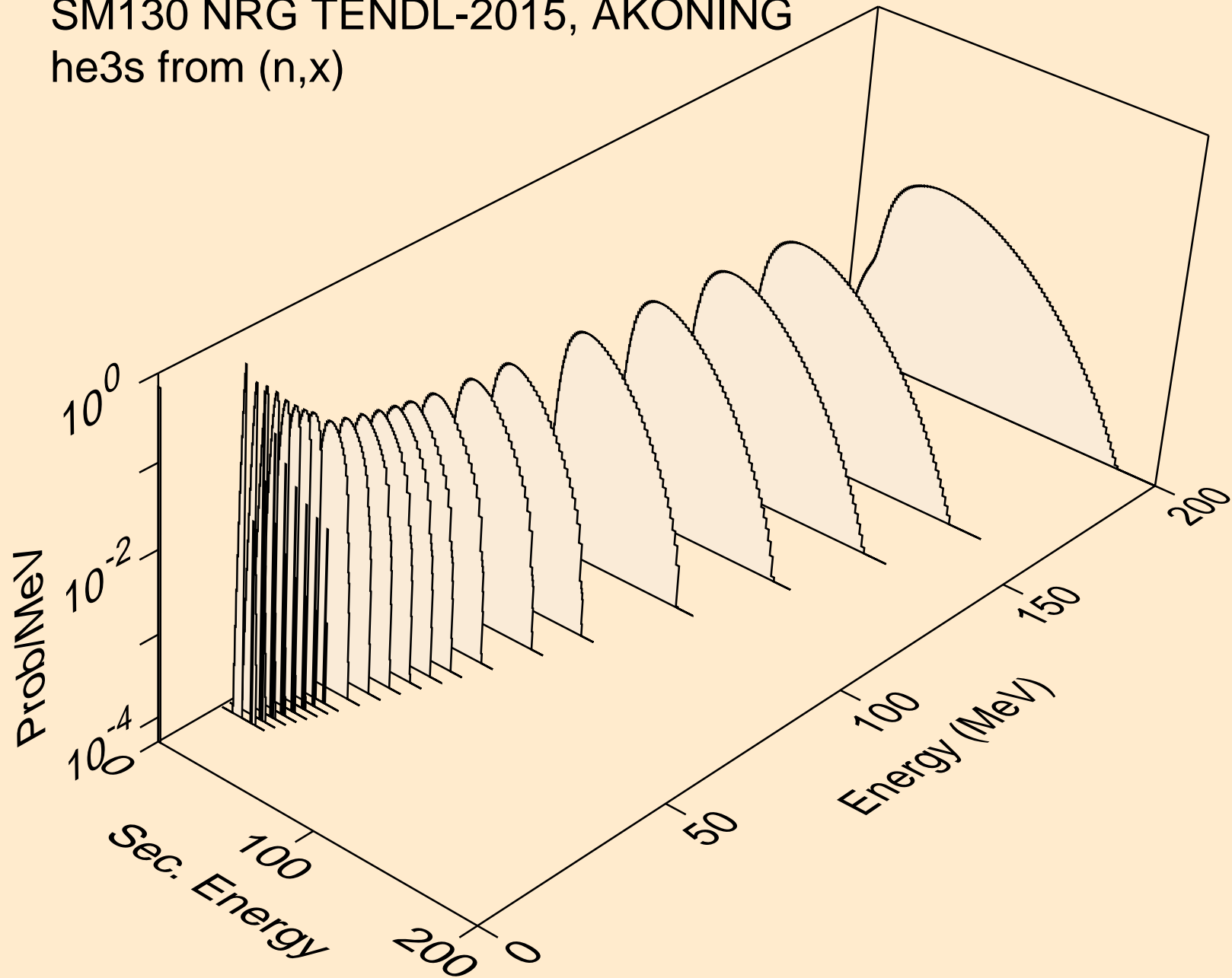
SM130 NRG TENDL-2015, AKONING  
tritons from (n,t)



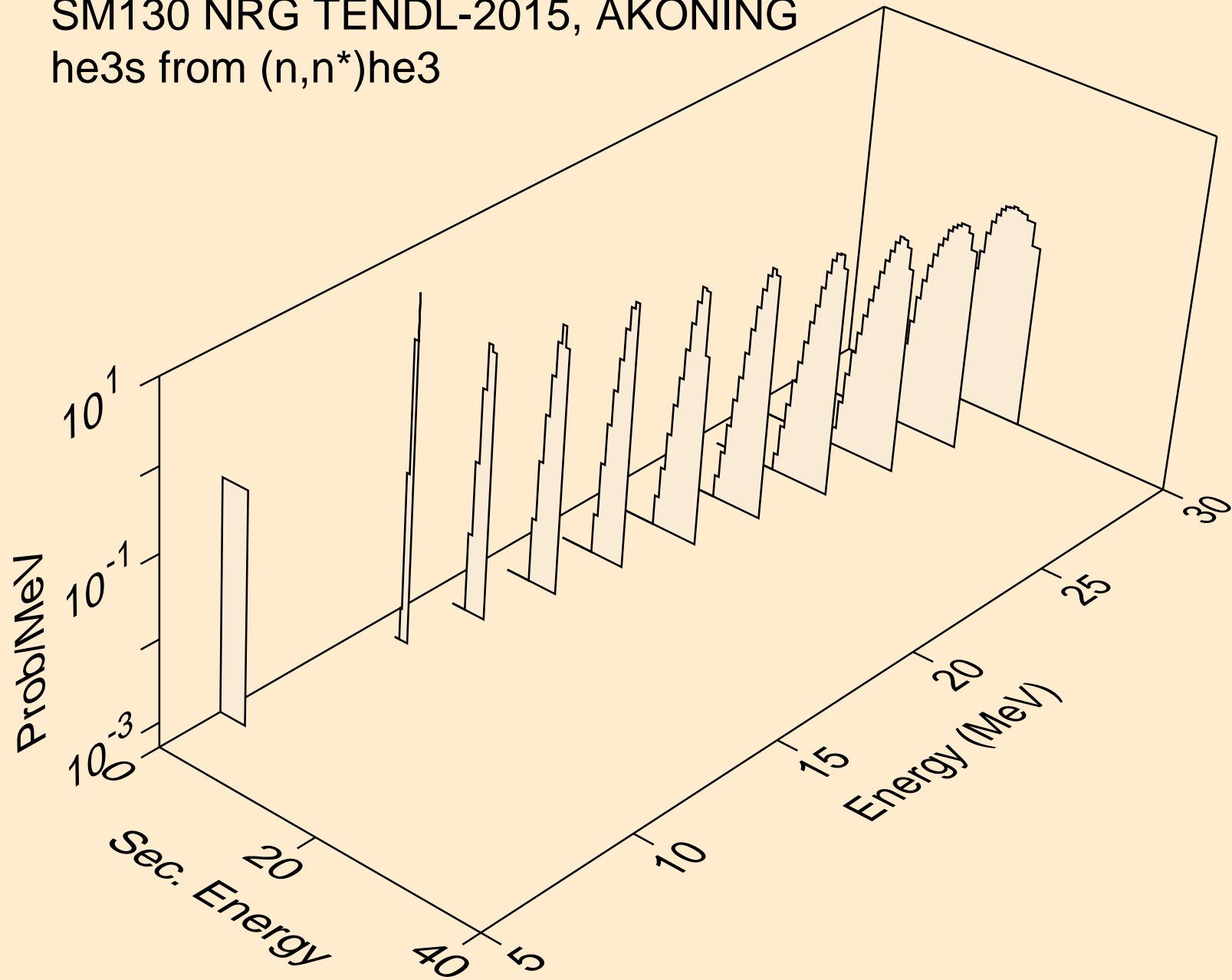
SM130 NRG TENDL-2015, AKONING  
tritons from (n,pt)



SM130 NRG TENDL-2015, AKONING  
he3s from (n,x)

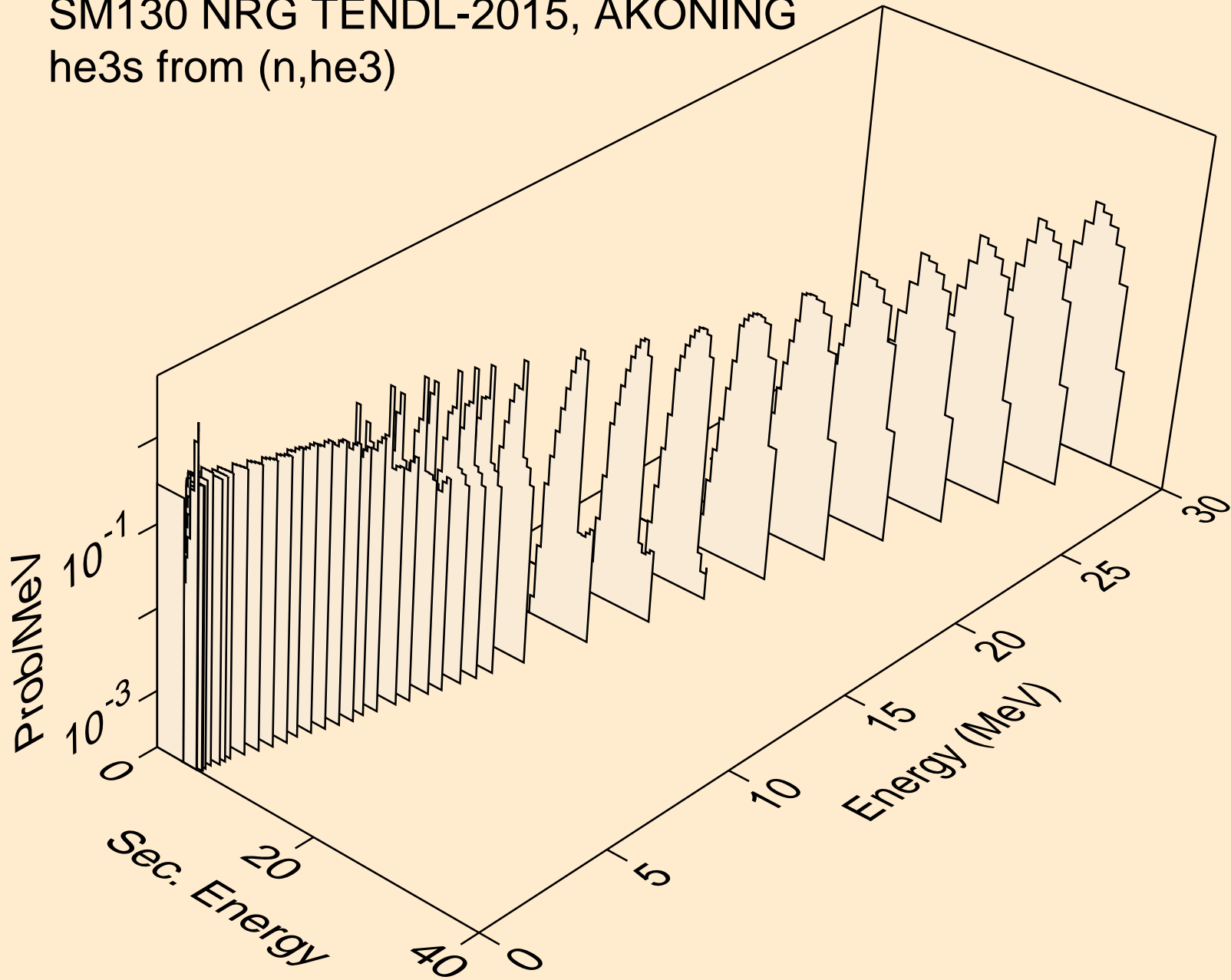


SM130 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

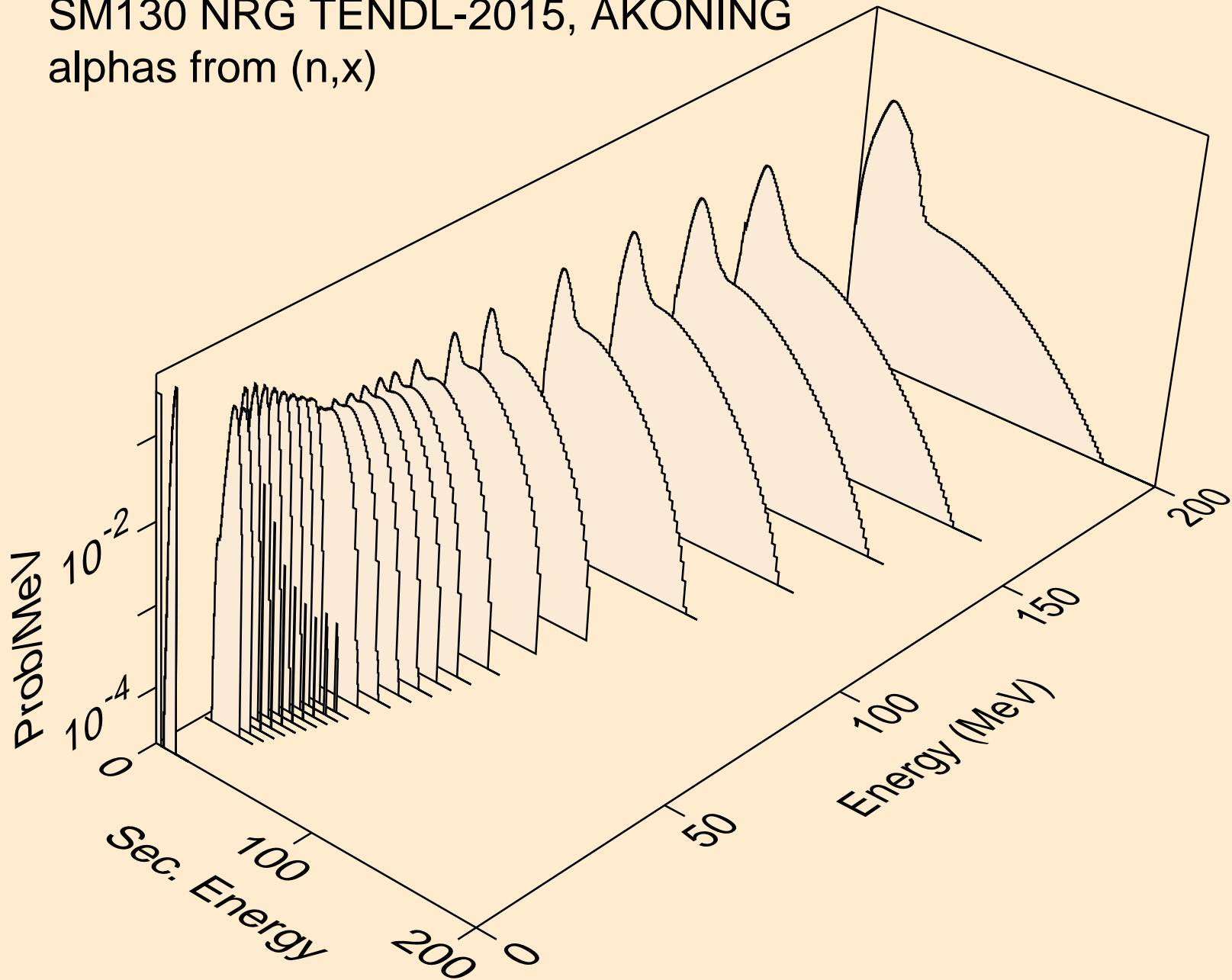




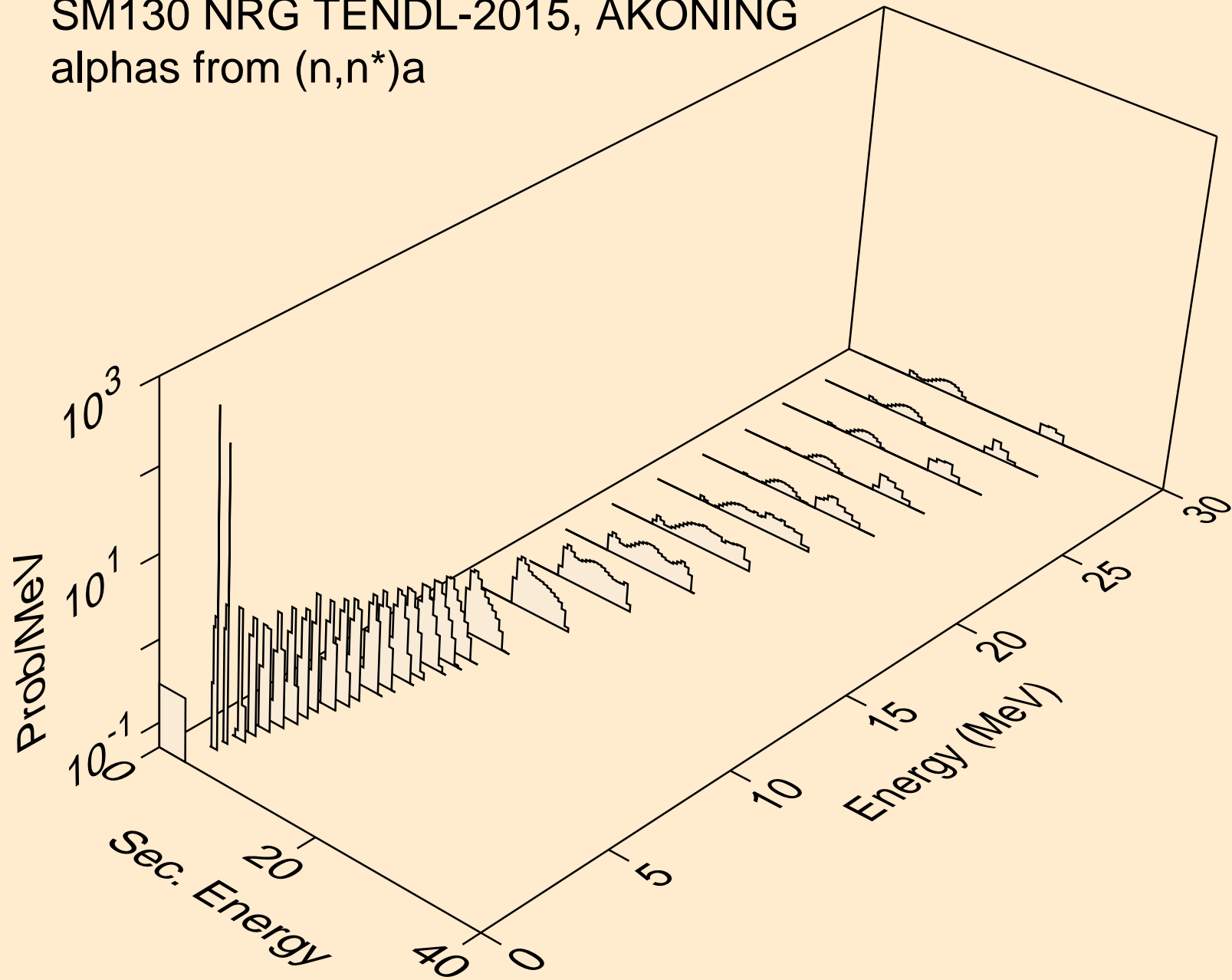
SM130 NRG TENDL-2015, AKONING  
he3s from (n,he3)



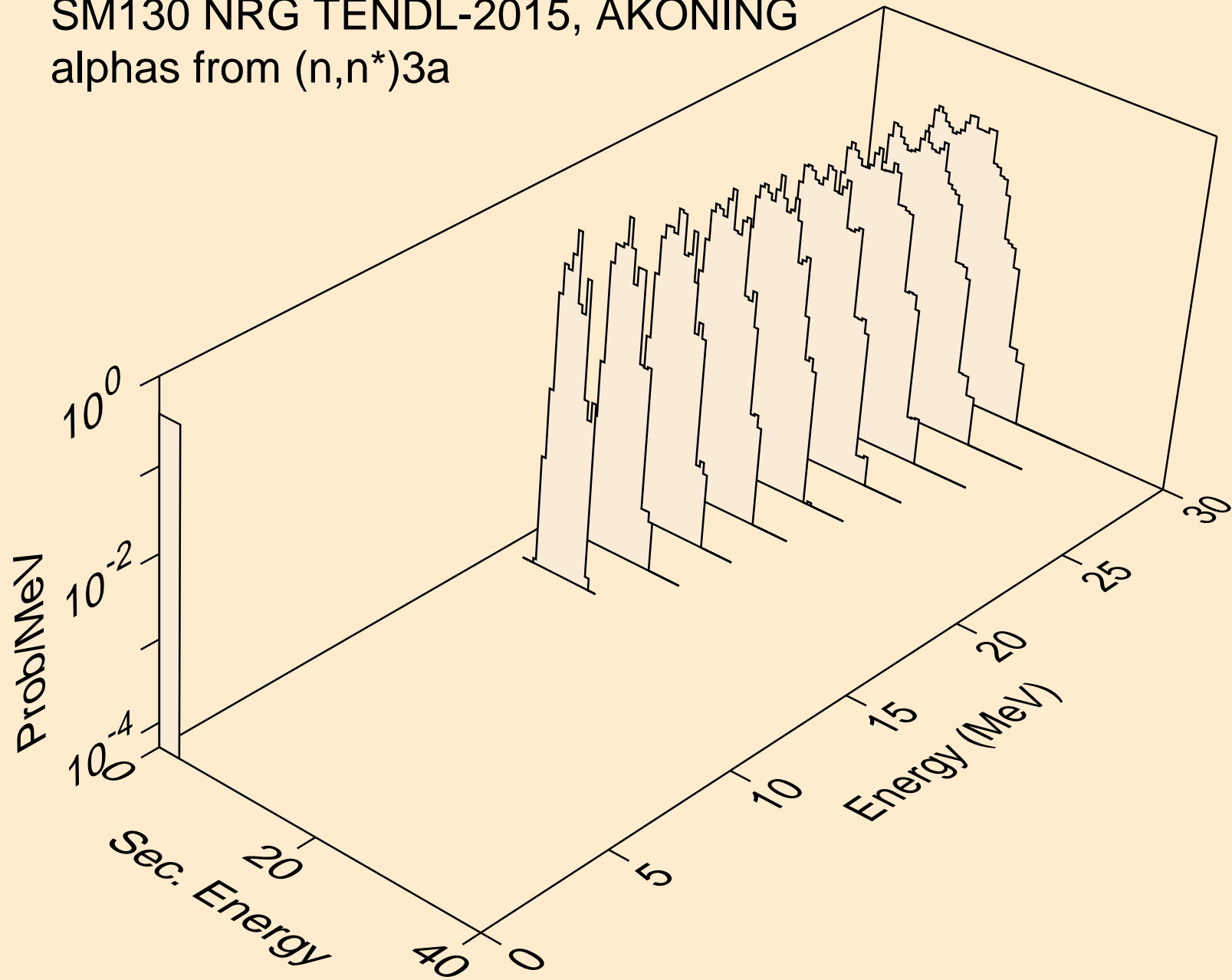
SM130 NRG TENDL-2015, AKONING  
alphas from (n,x)



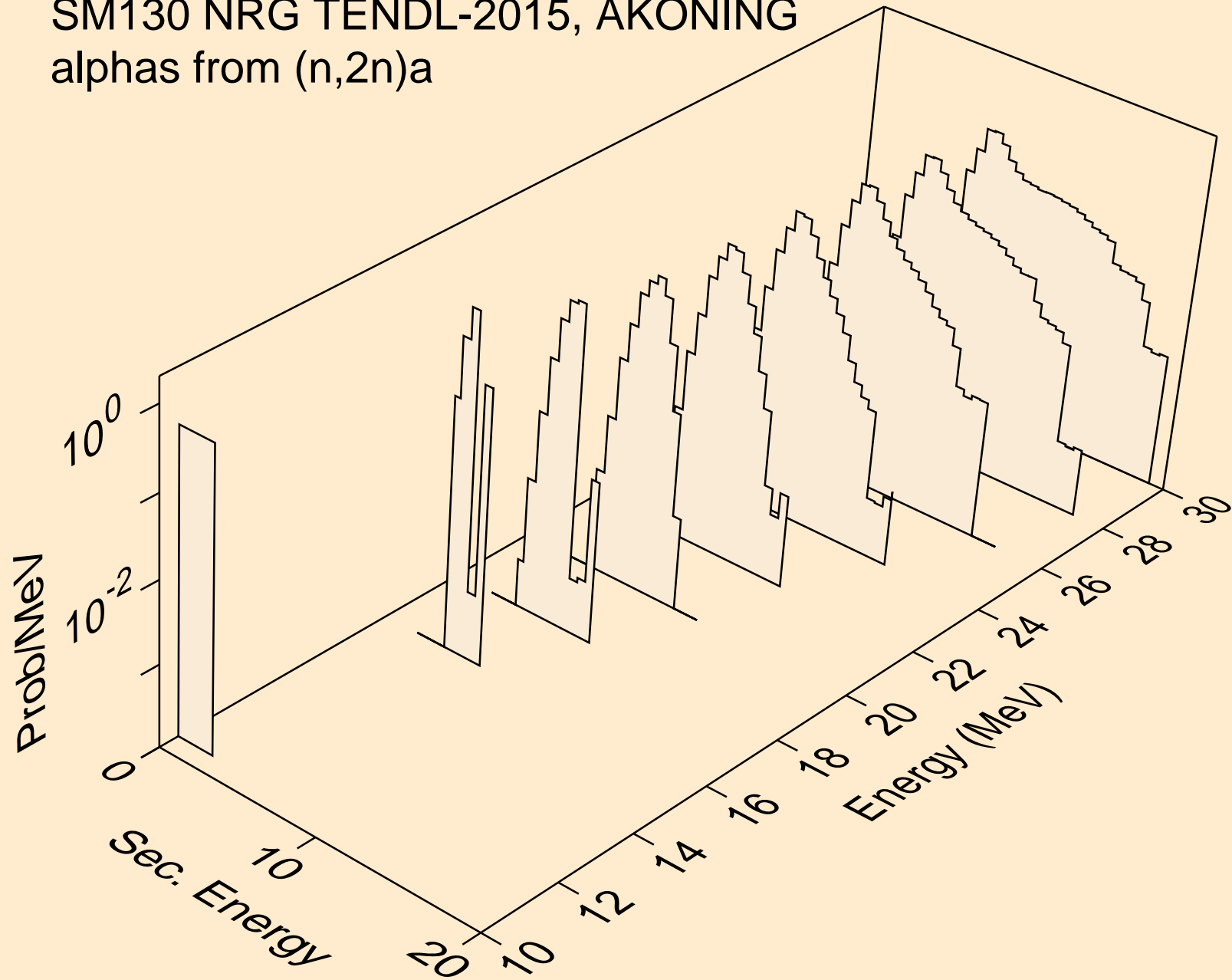
SM130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



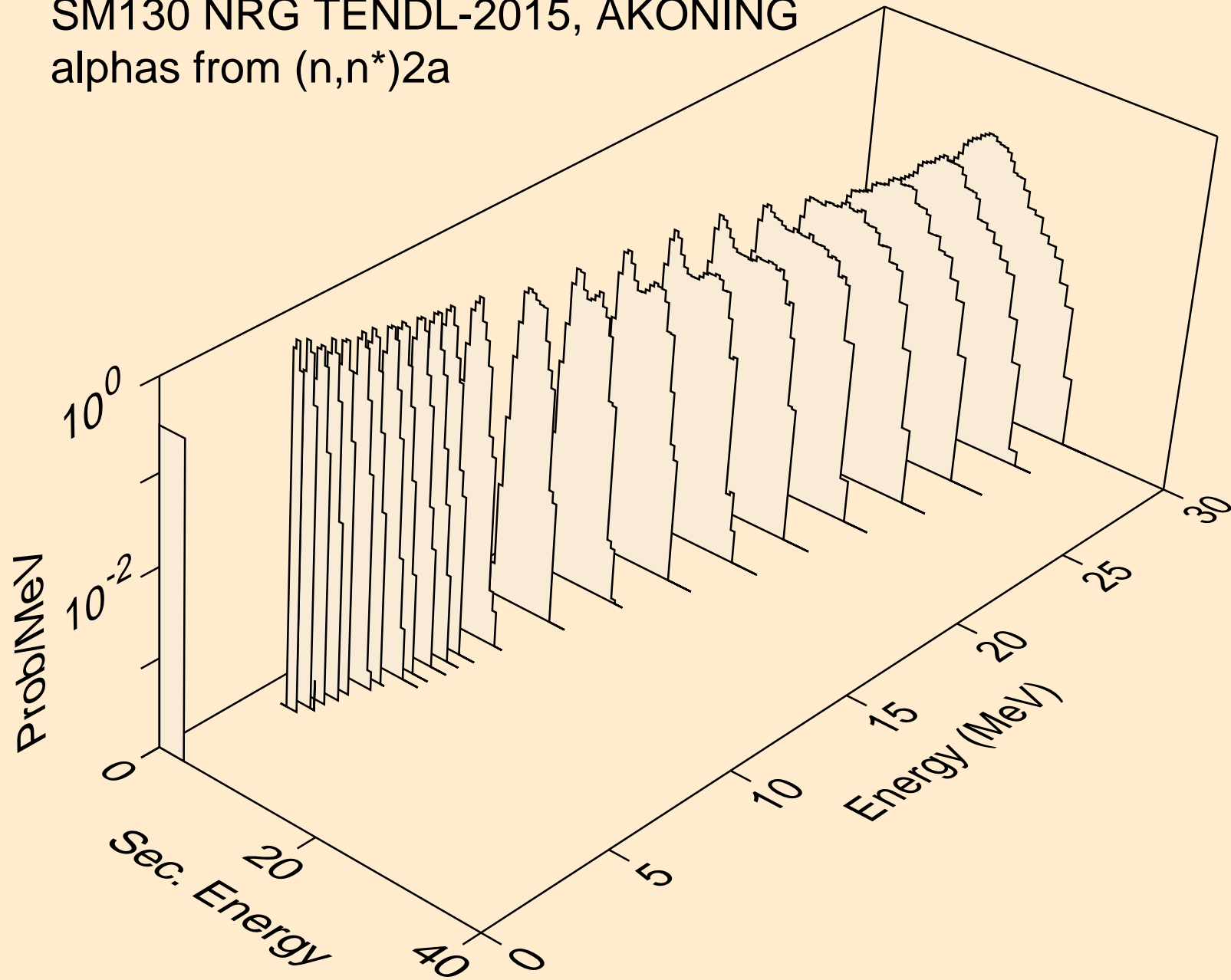
SM130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



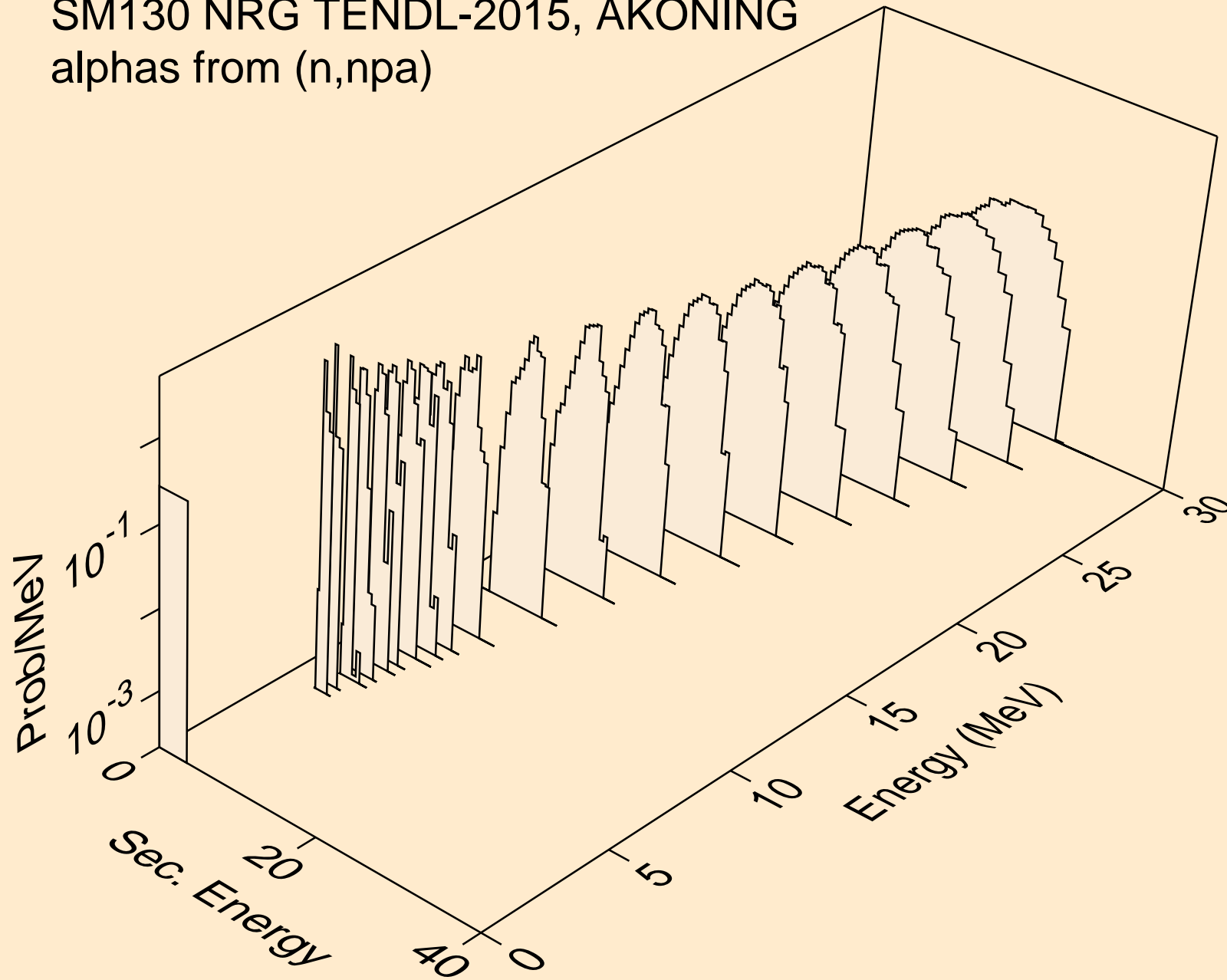
SM130 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



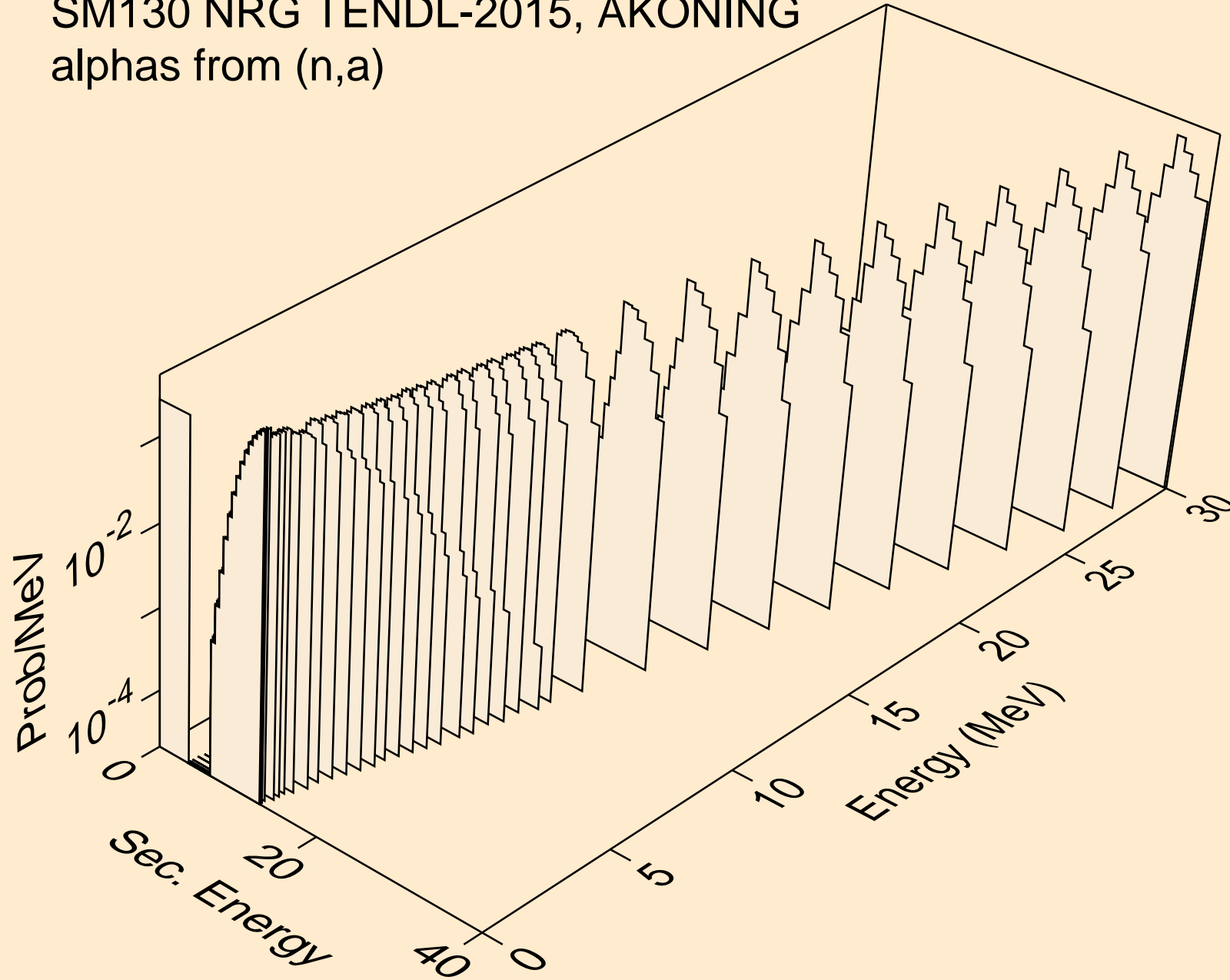
SM130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



SM130 NRG TENDL-2015, AKONING  
alphas from (n,npa)

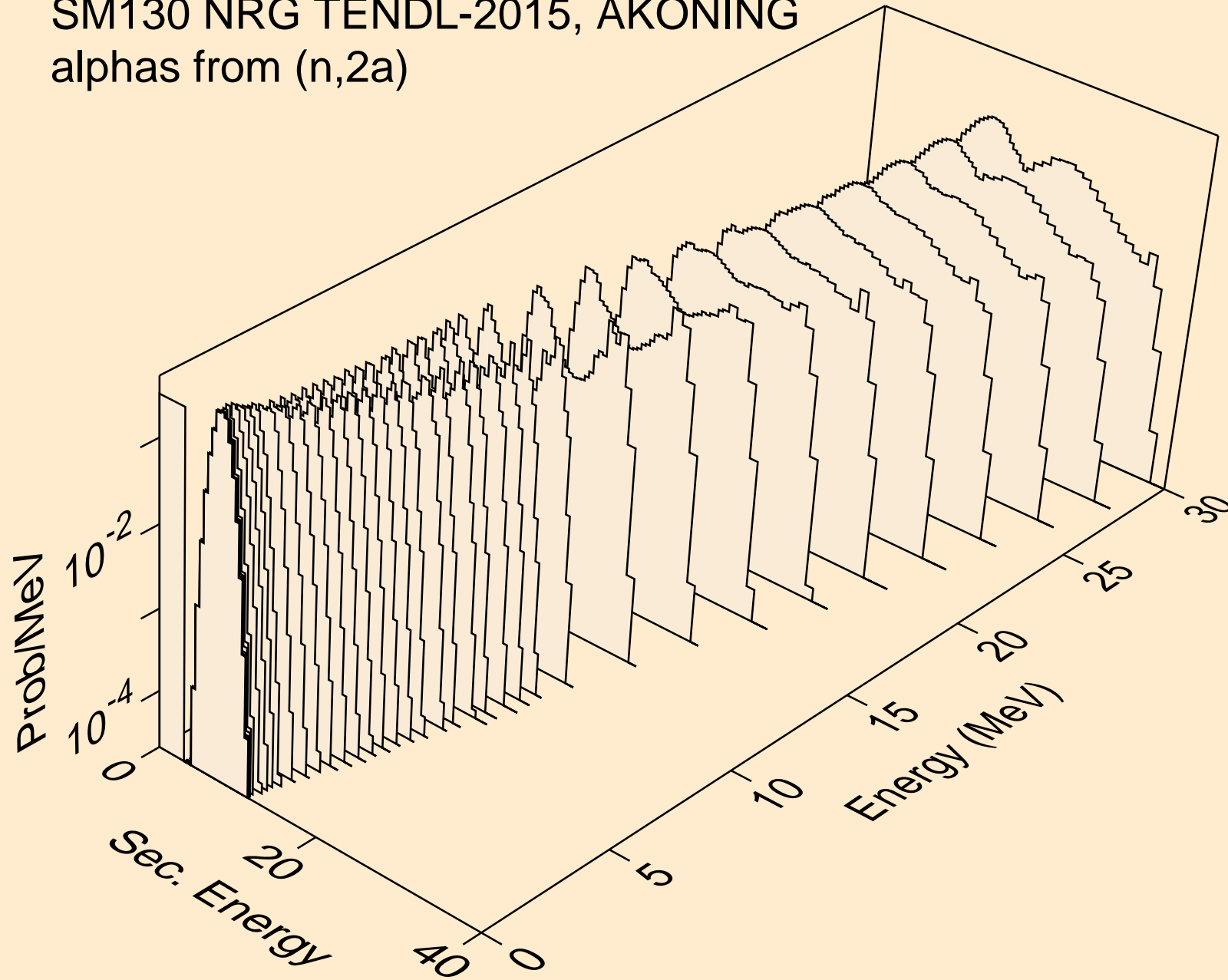


SM130 NRG TENDL-2015, AKONING  
alphas from (n,a)

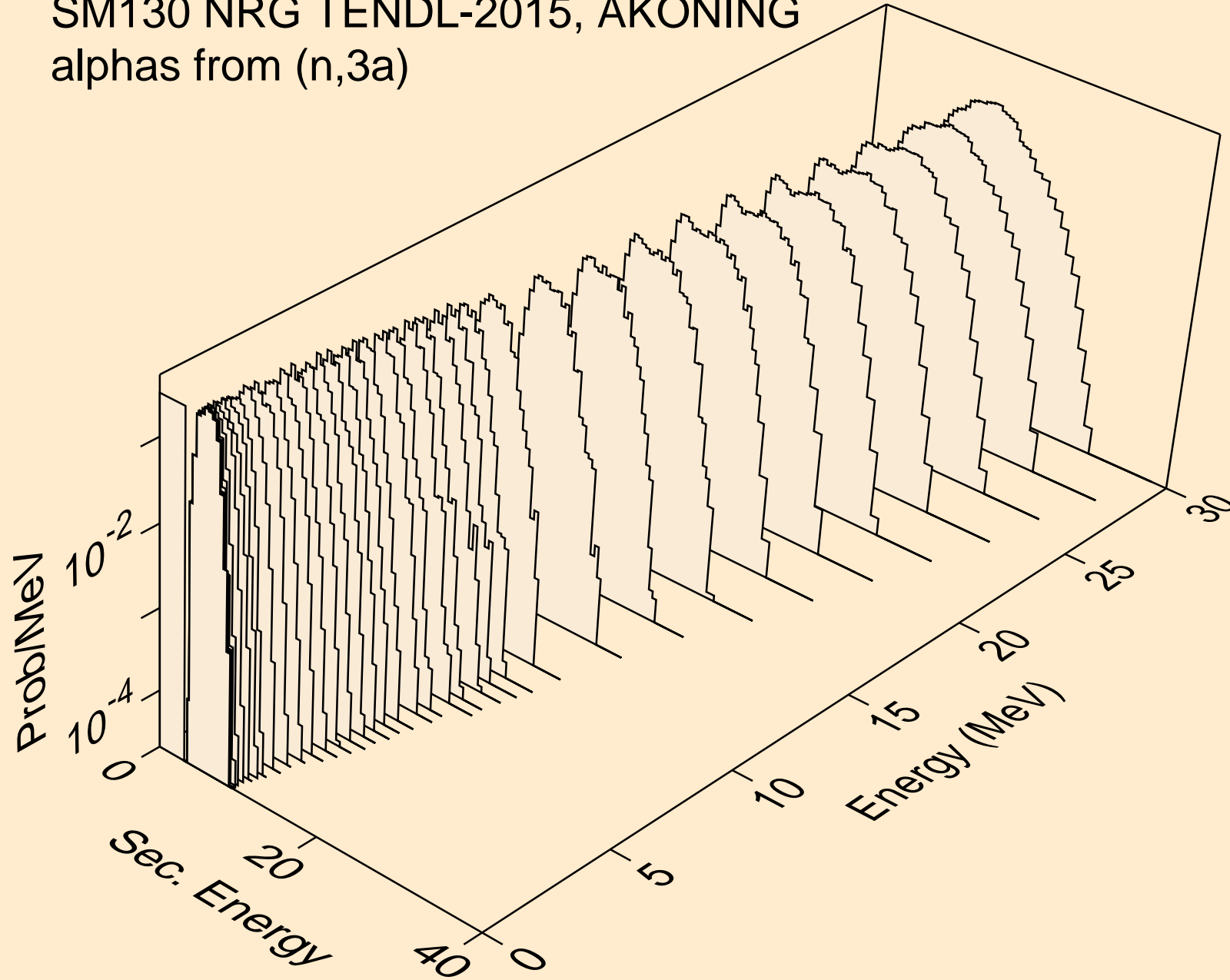




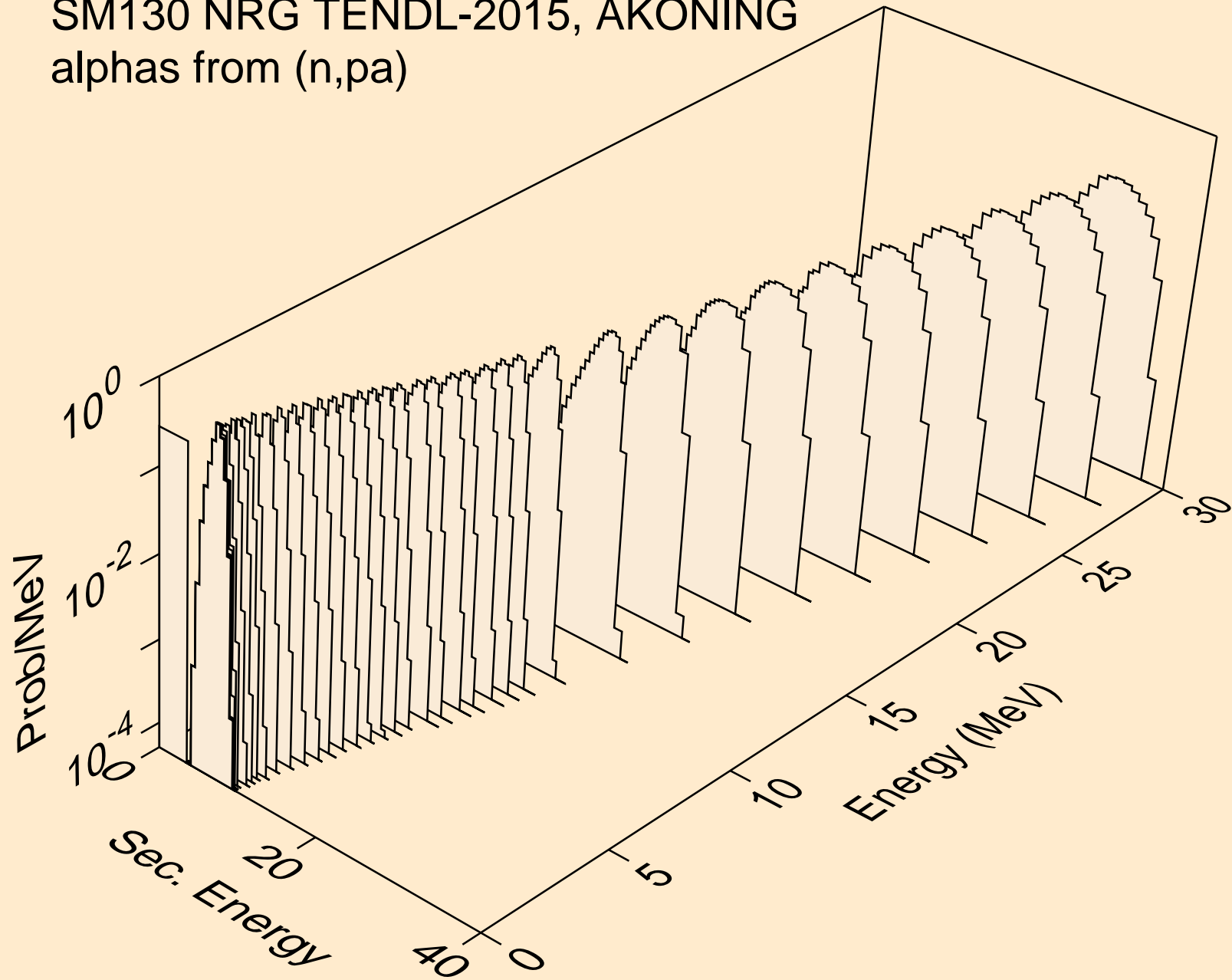
SM130 NRG TENDL-2015, AKONING  
alphas from (n,2a)



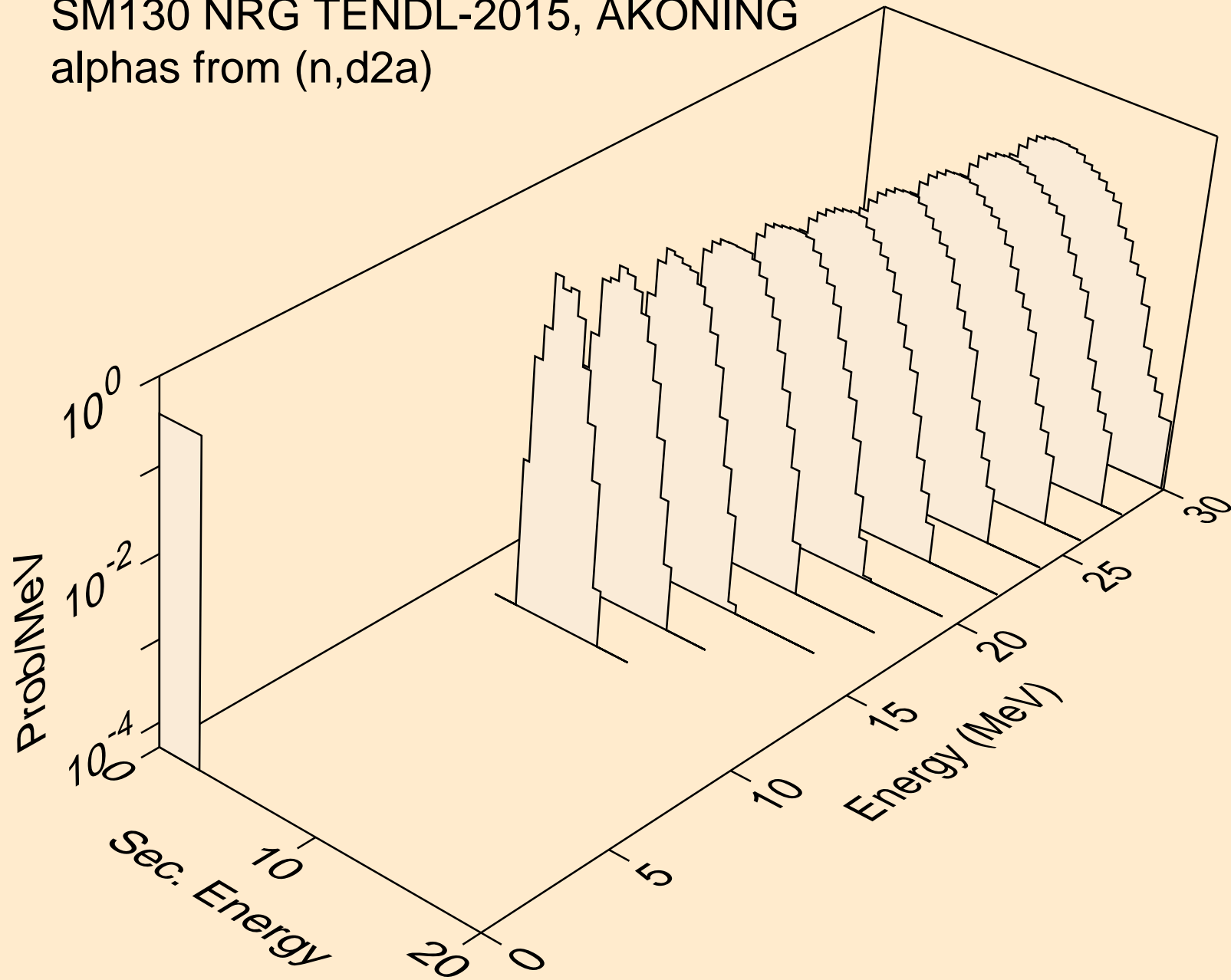
SM130 NRG TENDL-2015, AKONING  
alphas from (n,3a)



SM130 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SM130 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



SM130 NRG TENDL-2015, AKONING  
alphas from (n,da)

