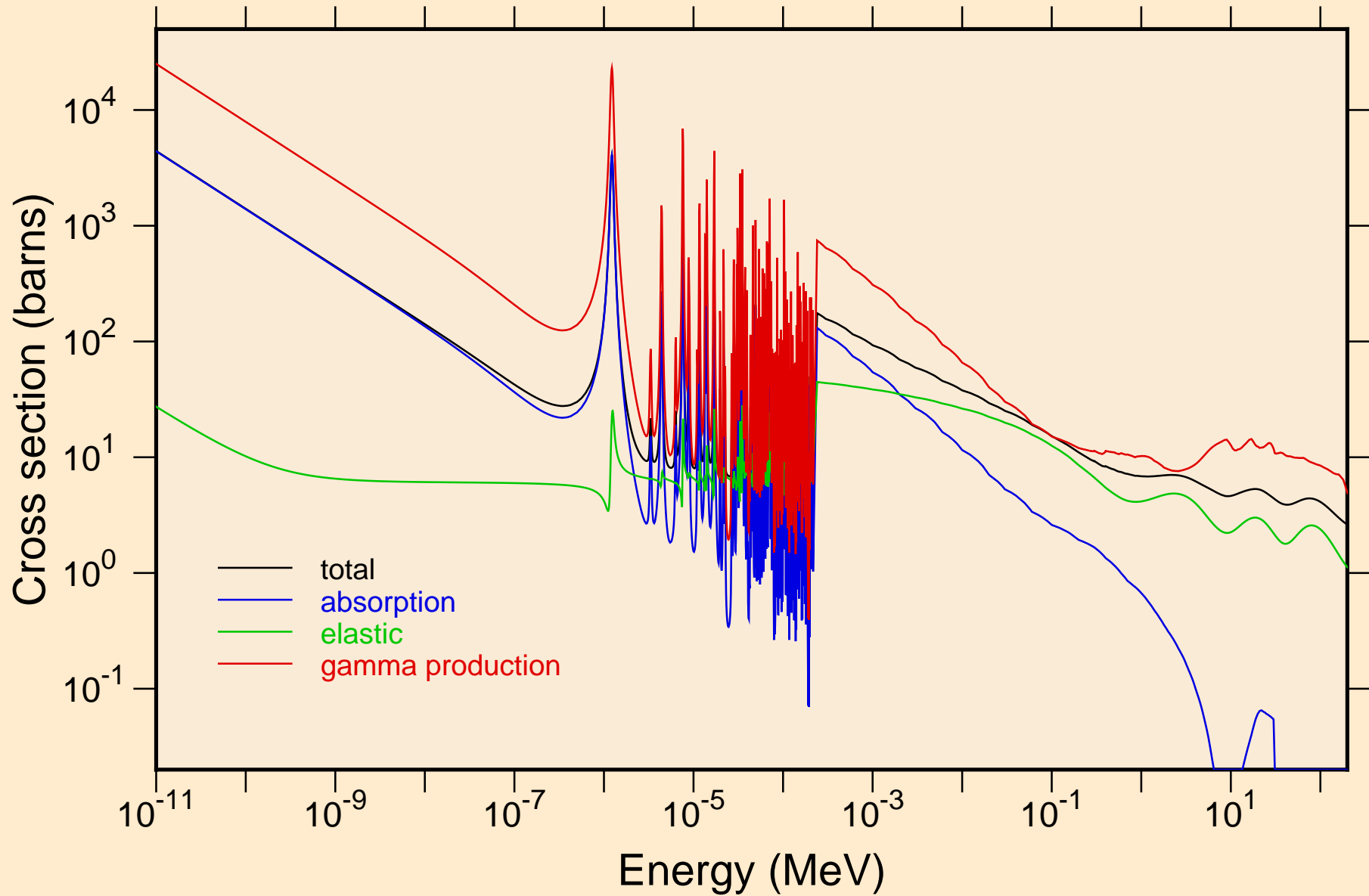
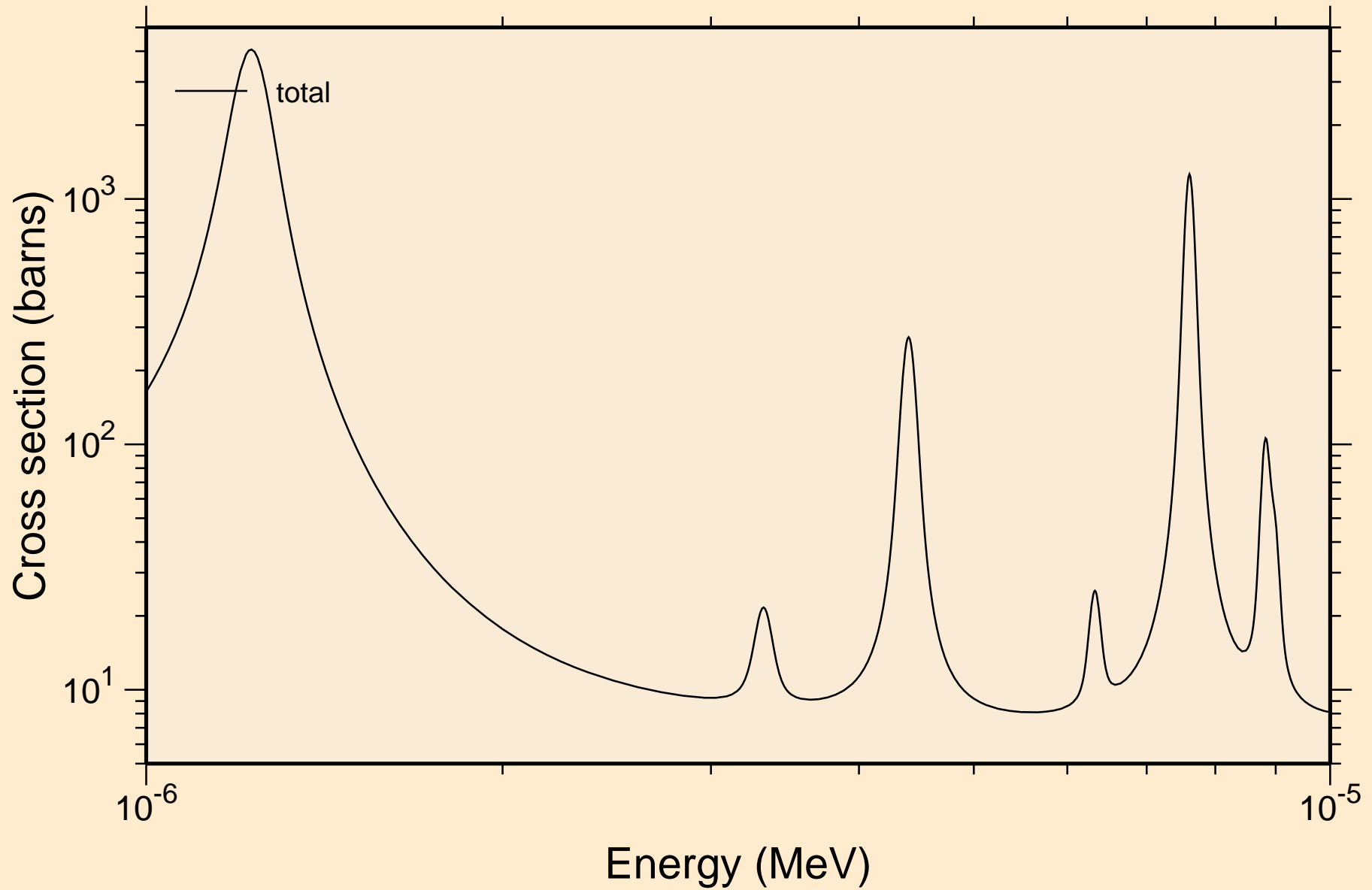


# LU171 NRG TENDL-2015, AKONING

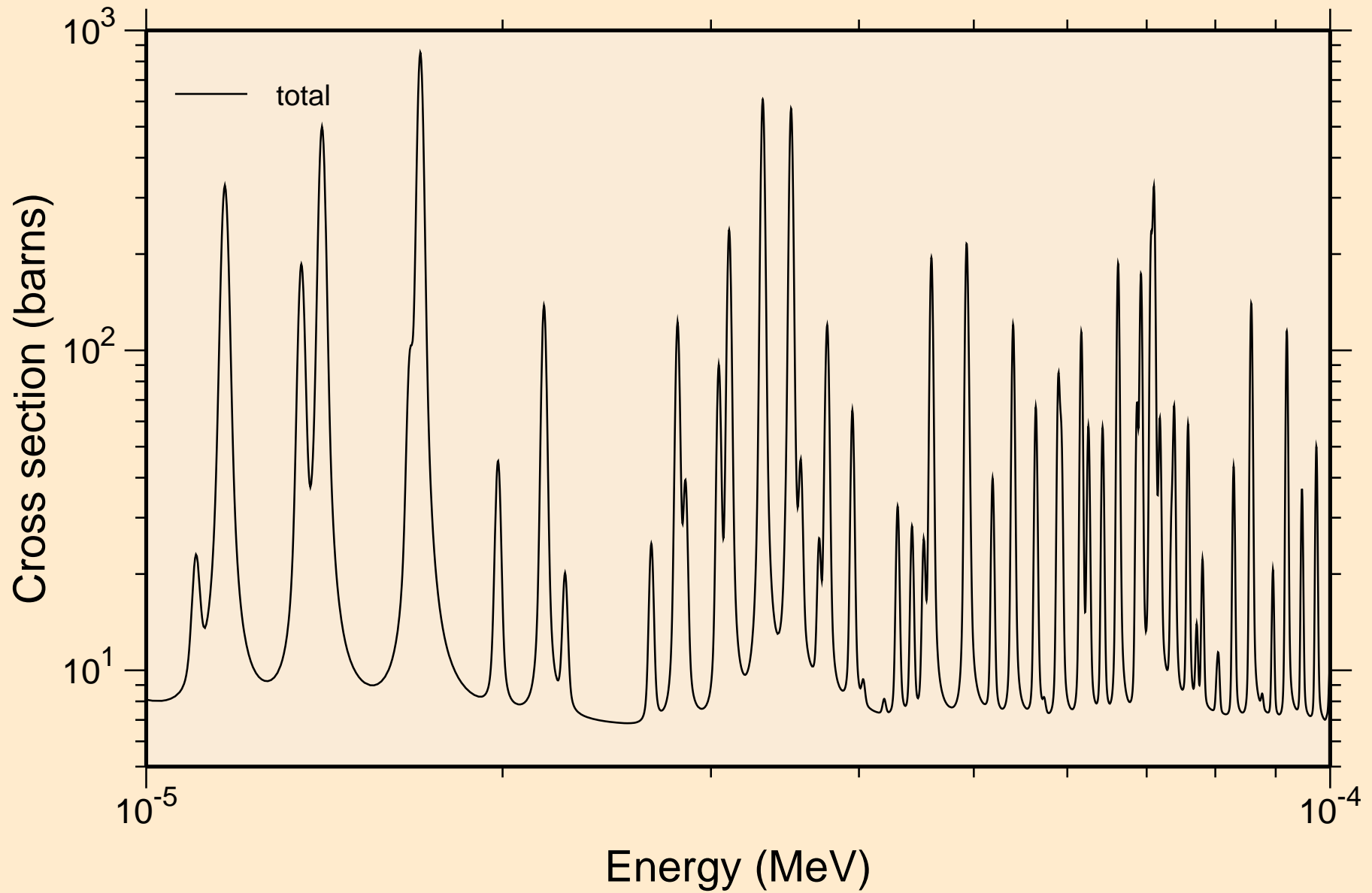
## Principal cross sections



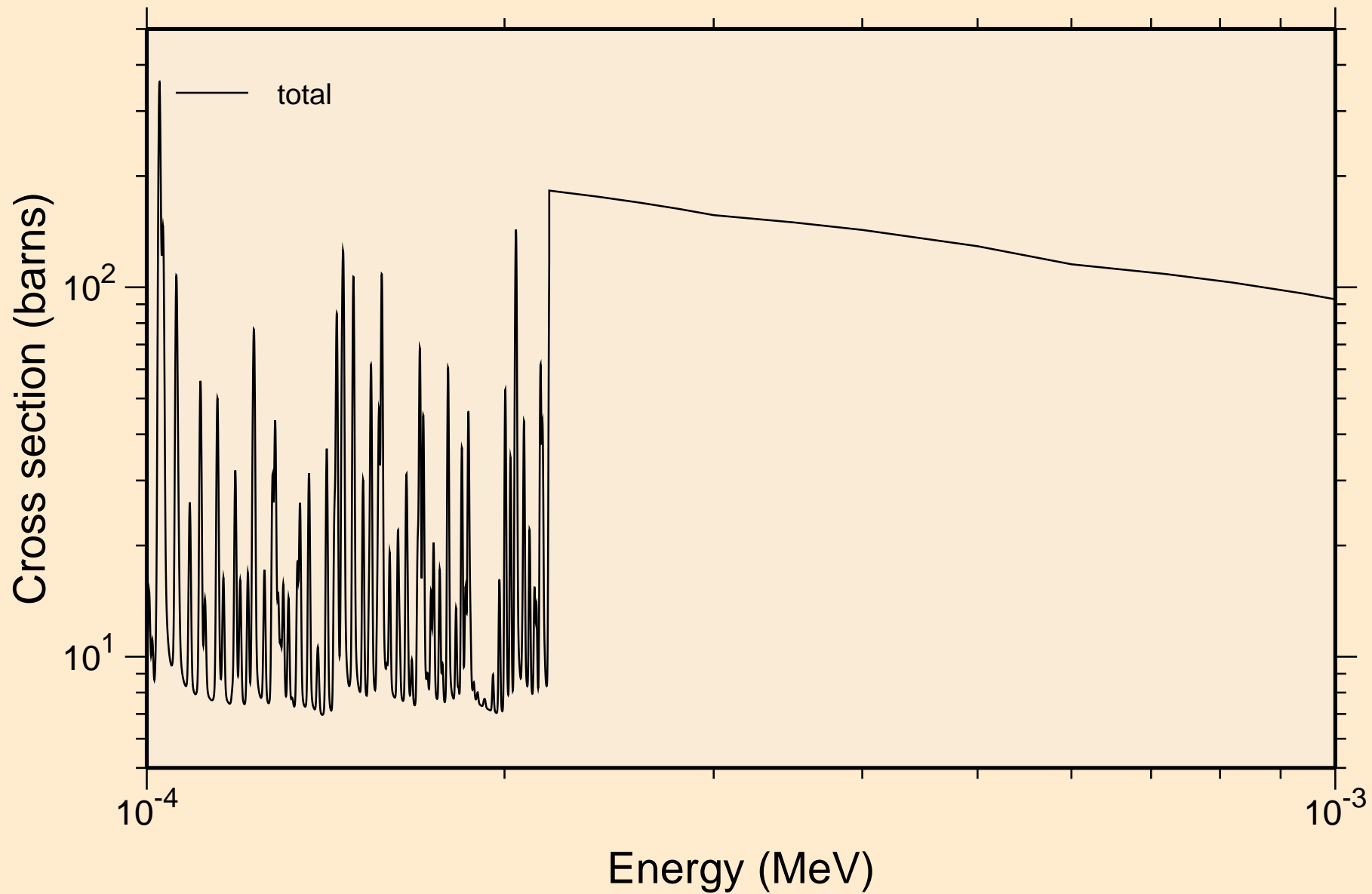
LU171 NRG TENDL-2015, AKONING  
resonance total cross section



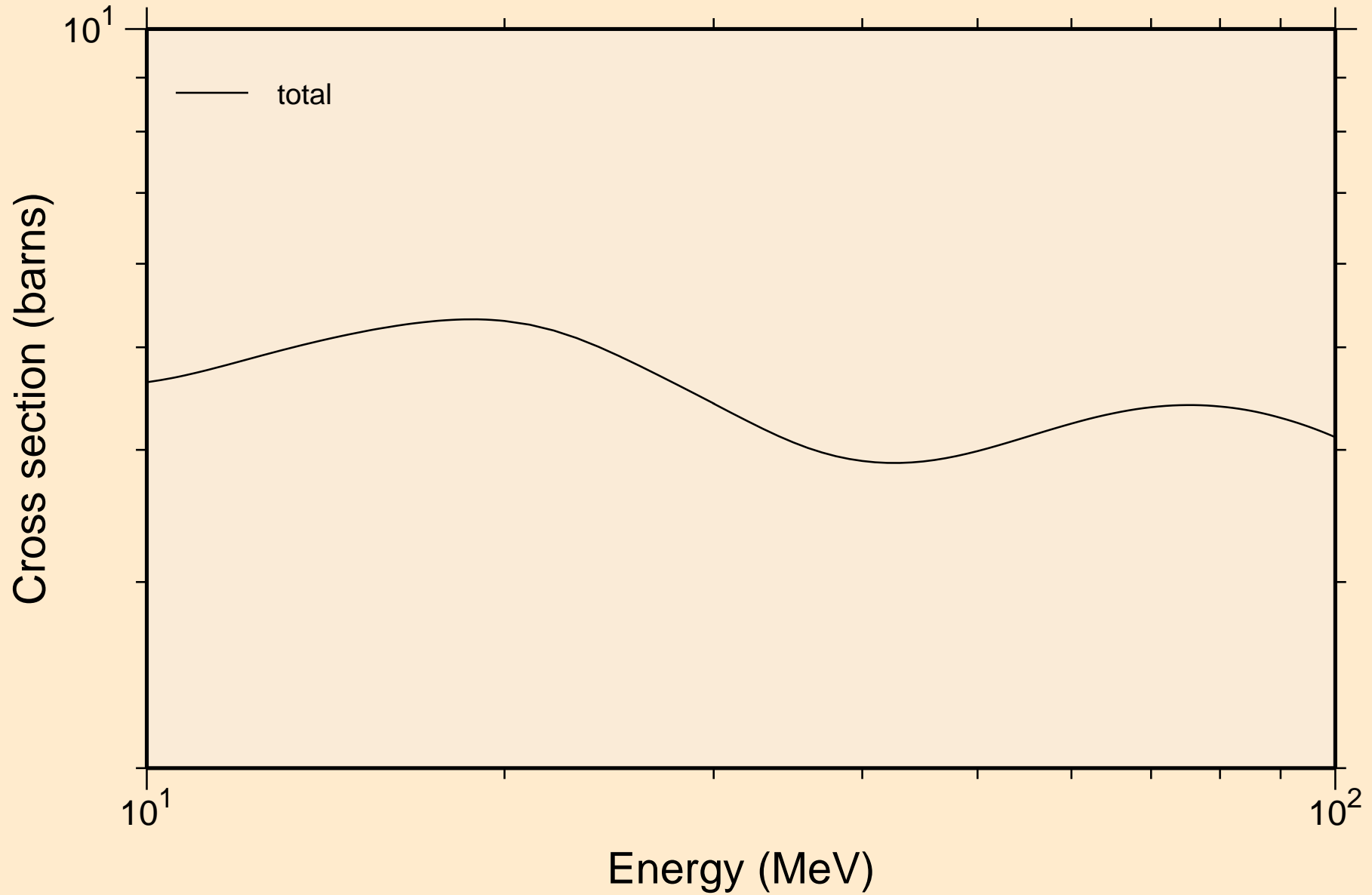
LU171 NRG TENDL-2015, AKONING  
resonance total cross section



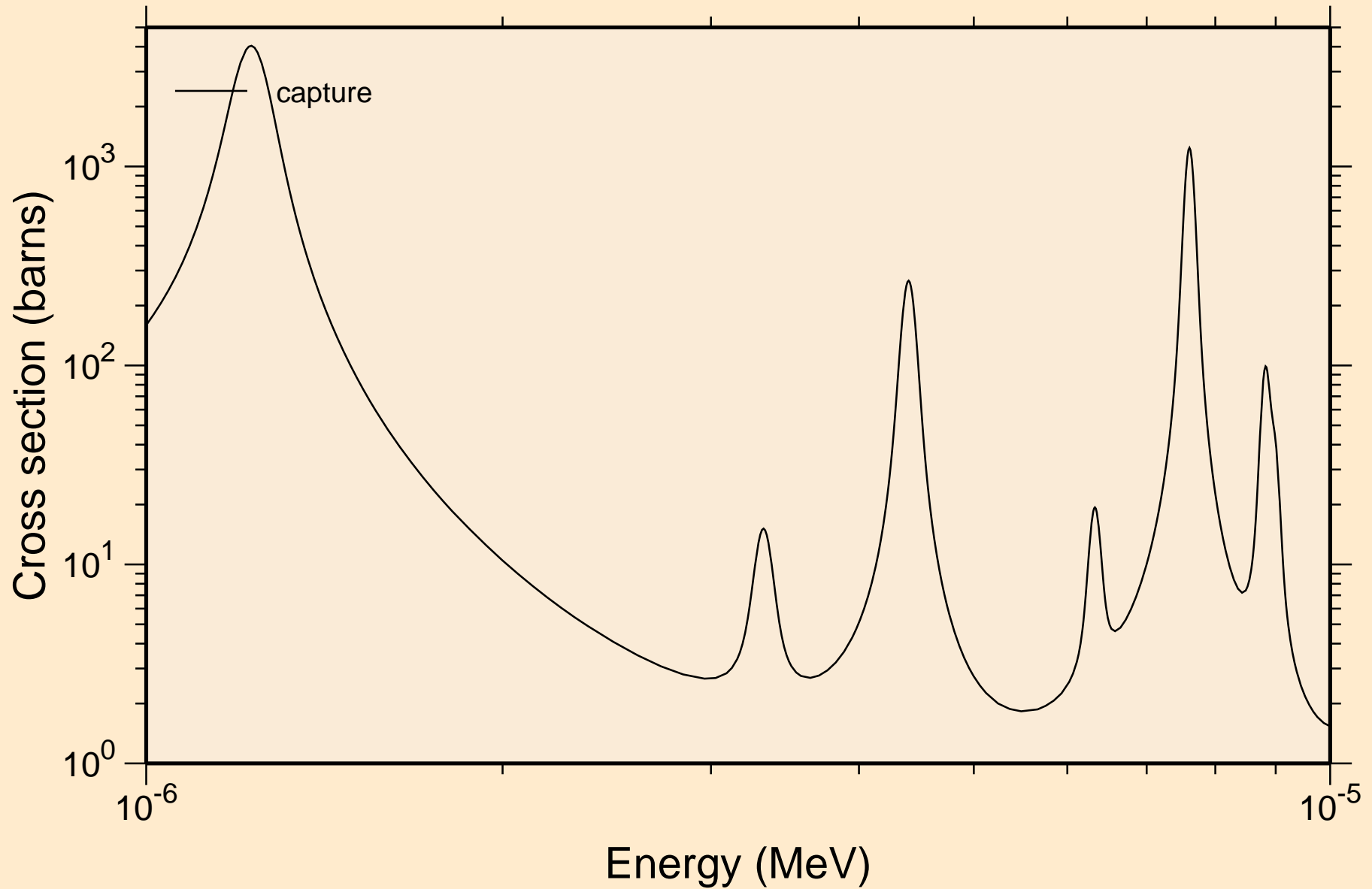
LU171 NRG TENDL-2015, AKONING  
resonance total cross section



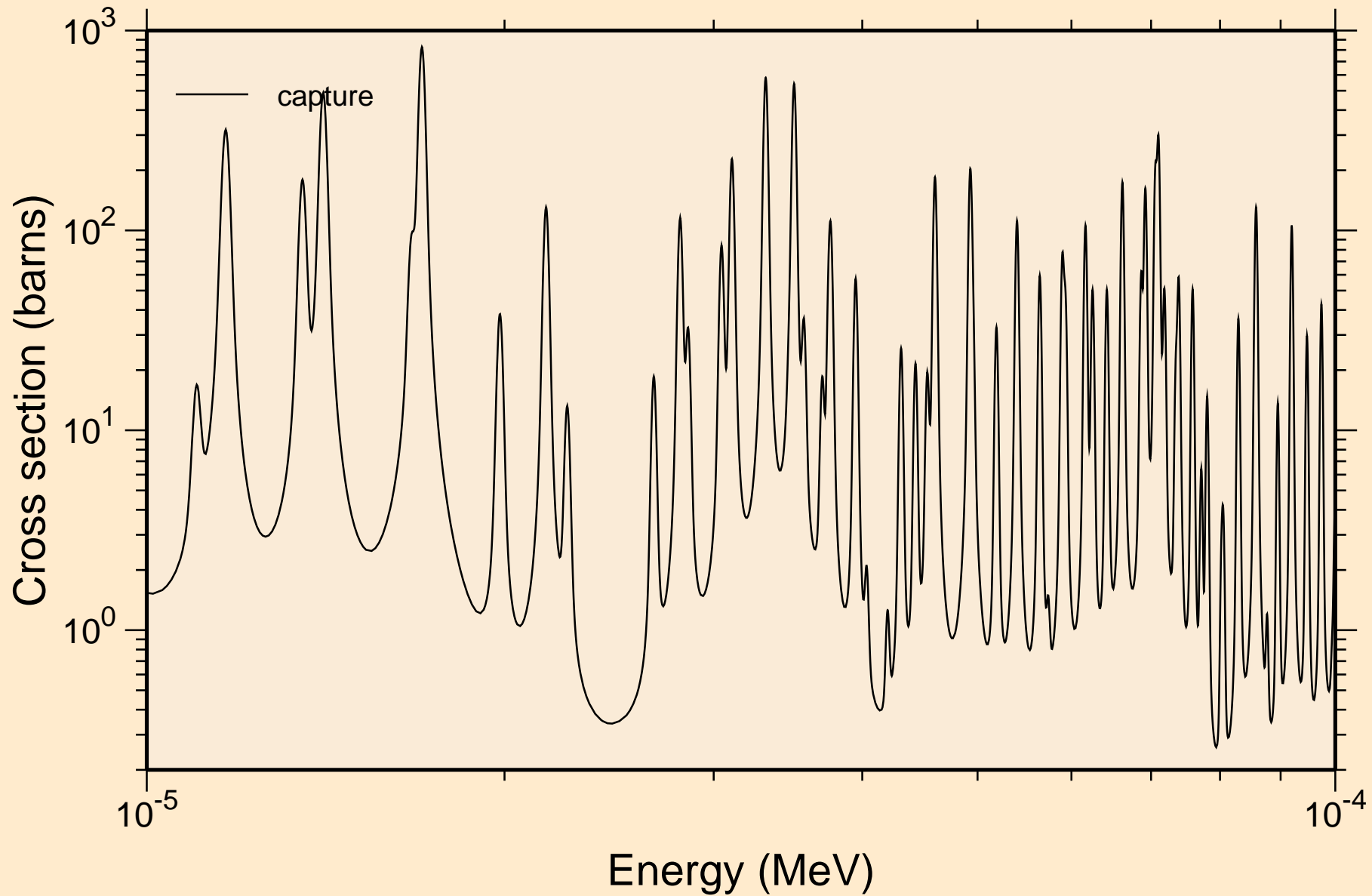
LU171 NRG TENDL-2015, AKONING  
resonance total cross section



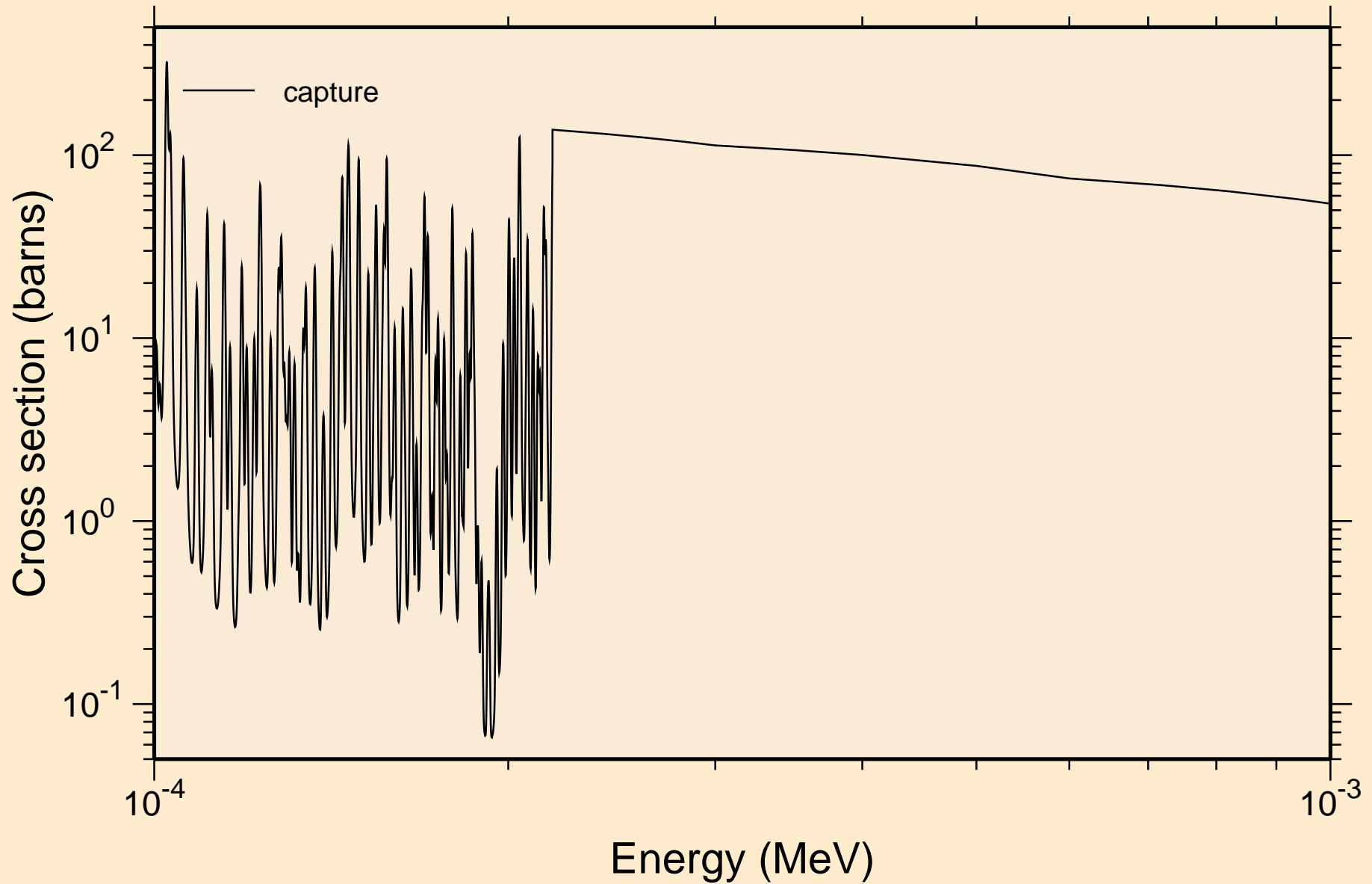
LU171 NRG TENDL-2015, AKONING  
resonance absorption cross sections



LU171 NRG TENDL-2015, AKONING  
resonance absorption cross sections

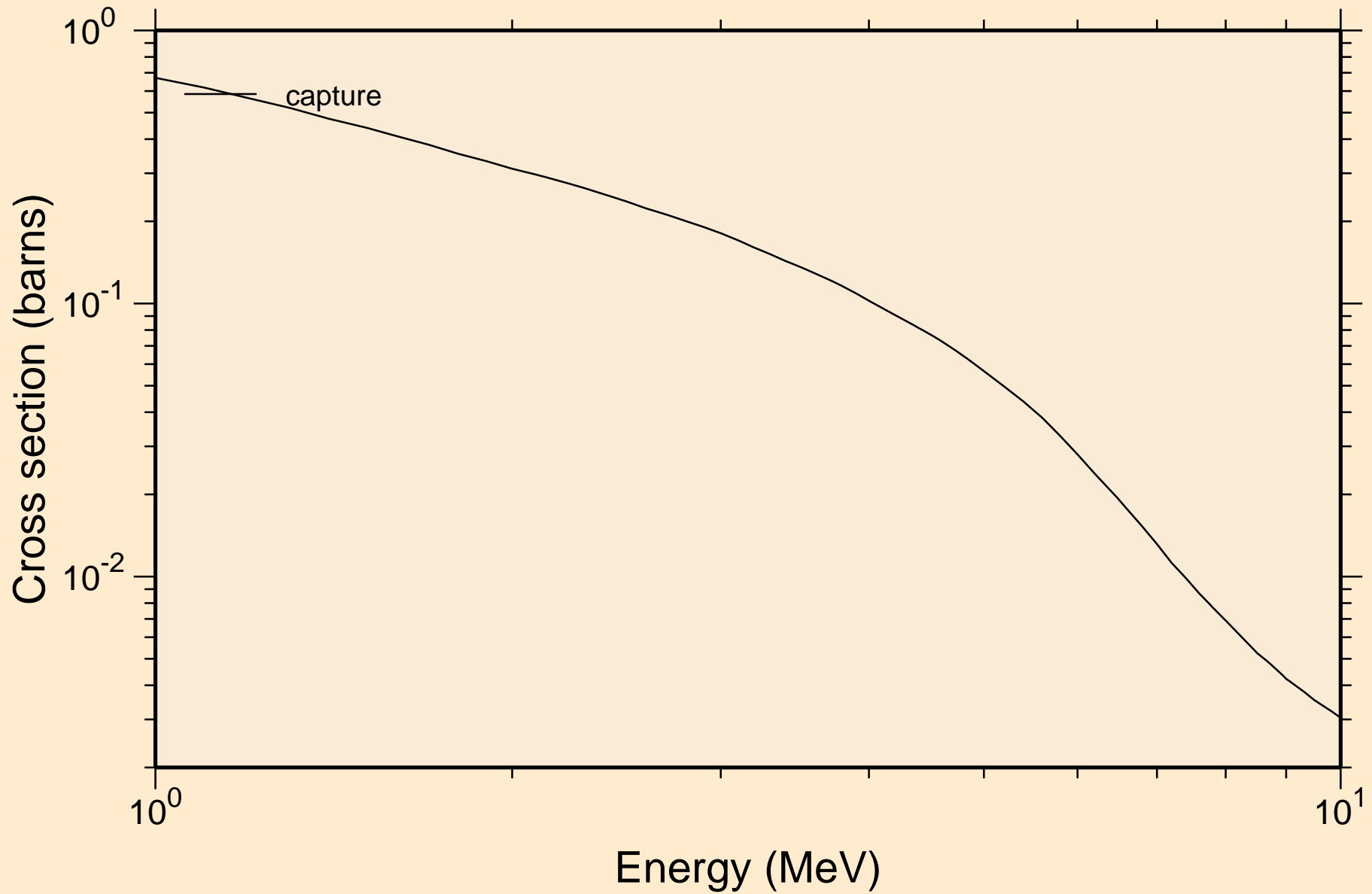


LU171 NRG TENDL-2015, AKONING  
resonance absorption cross sections



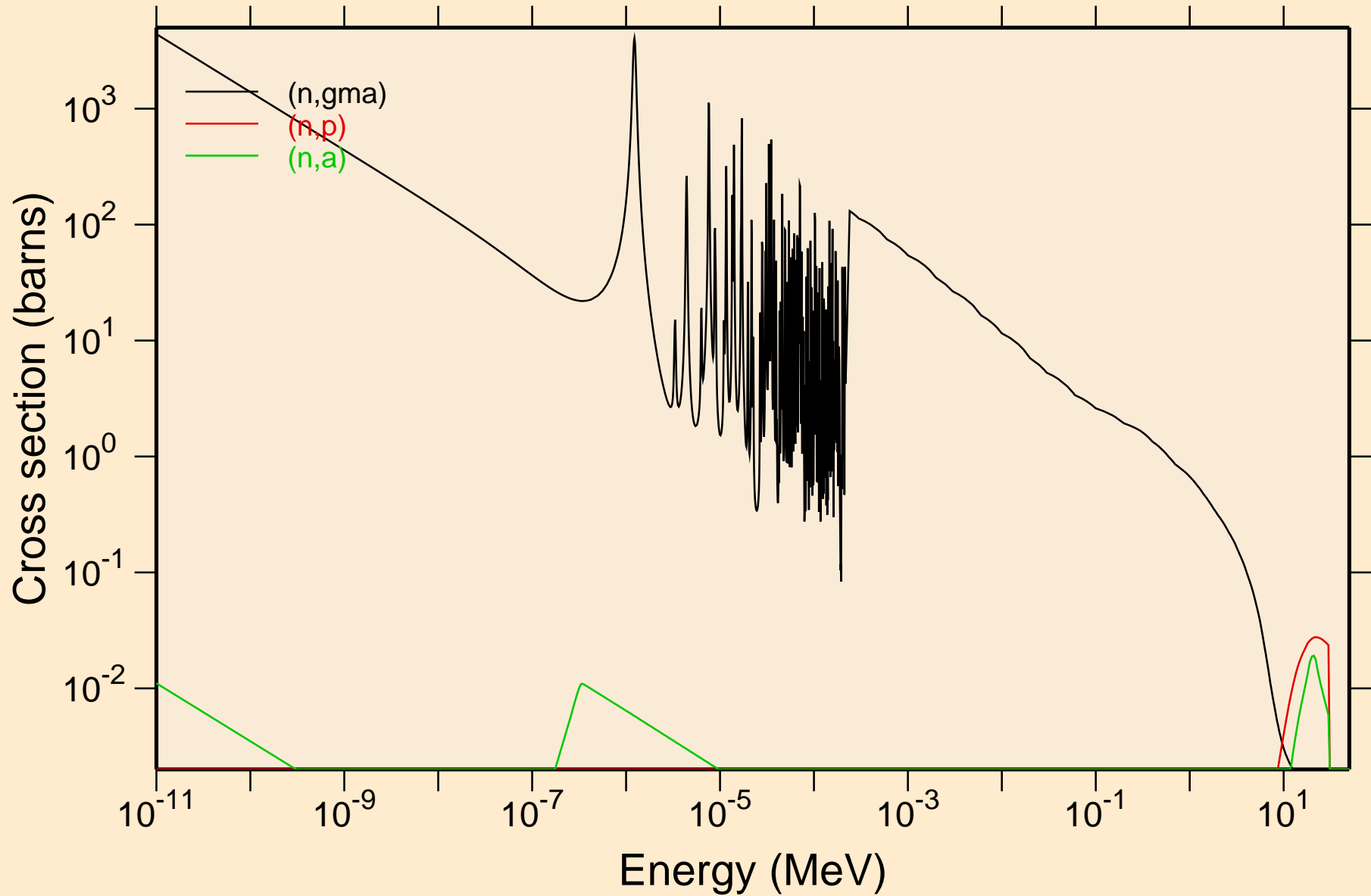


LU171 NRG TENDL-2015, AKONING  
resonance absorption cross sections



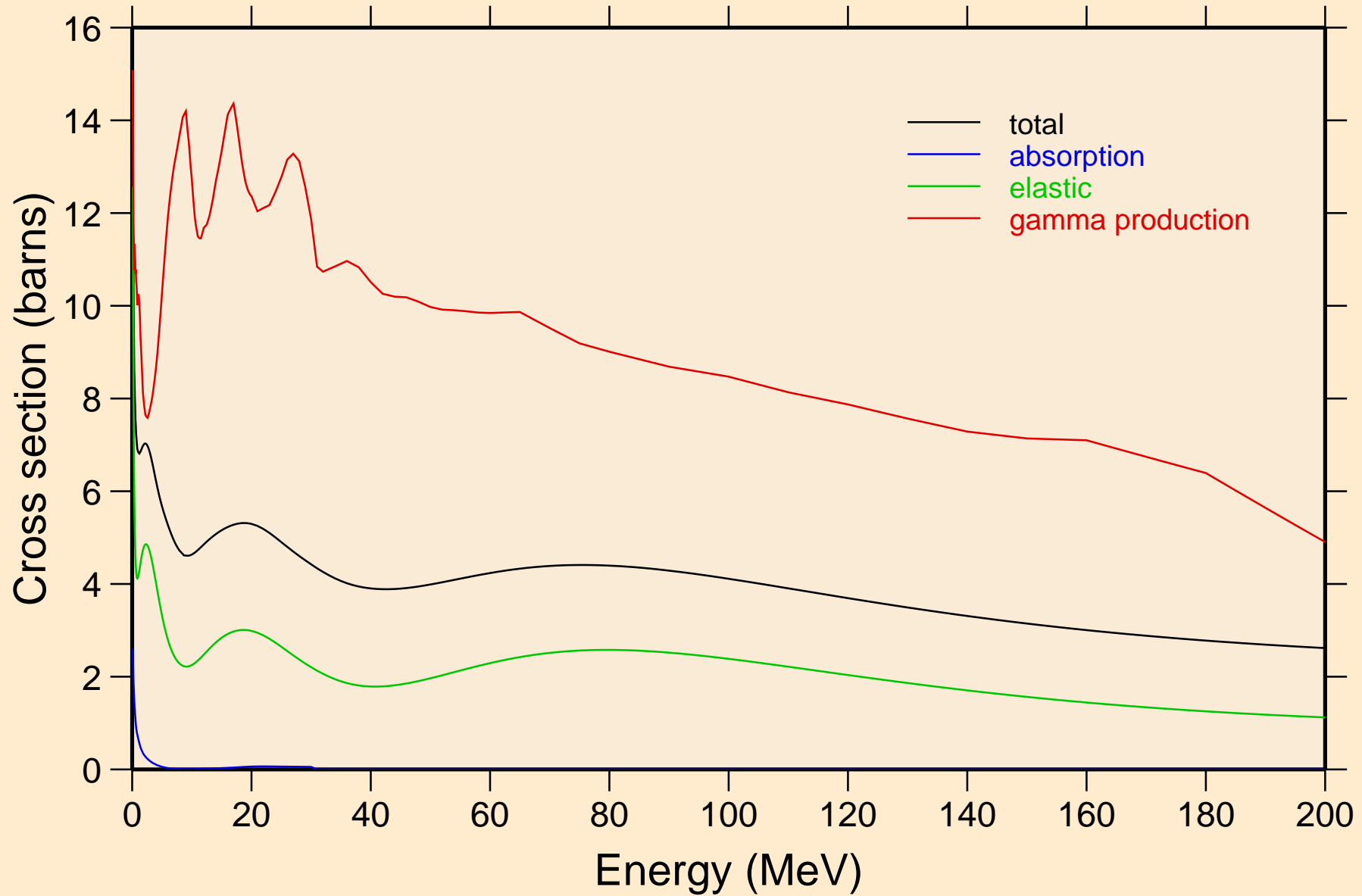
# LU171 NRG TENDL-2015, AKONING

## Non-threshold reactions



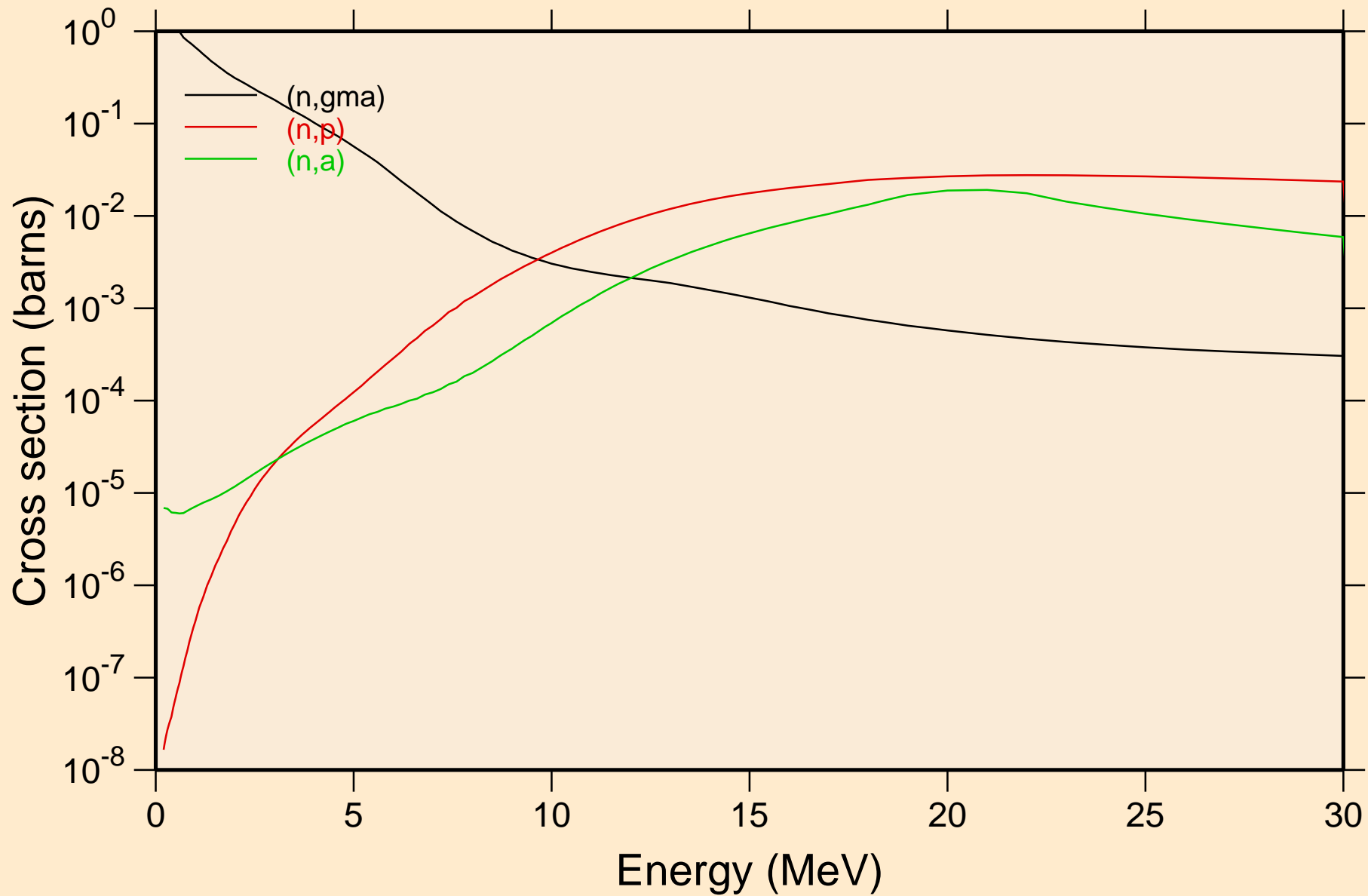
# LU171 NRG TENDL-2015, AKONING

## Principal cross sections

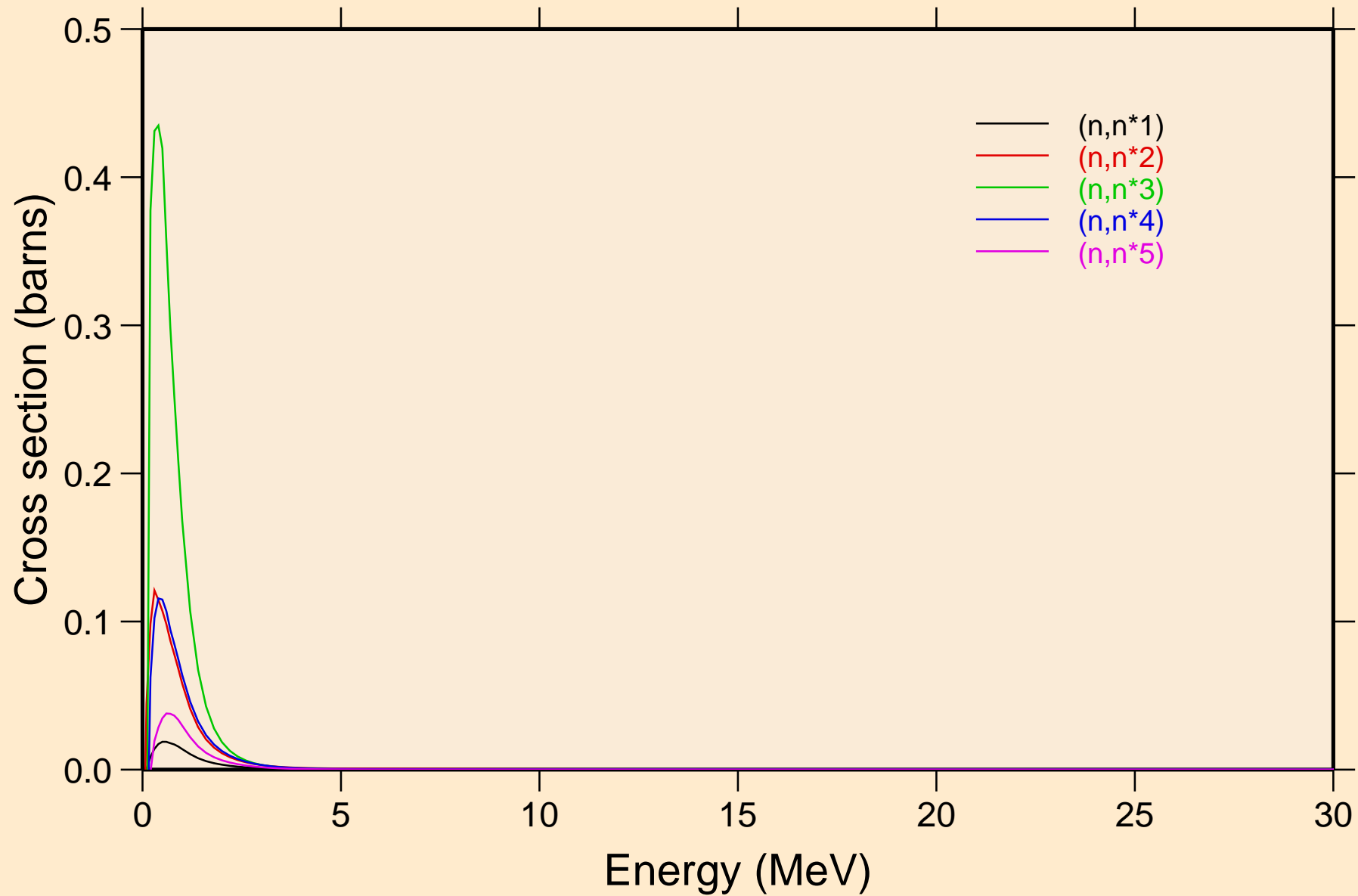


# LU171 NRG TENDL-2015, AKONING

## Non-threshold reactions

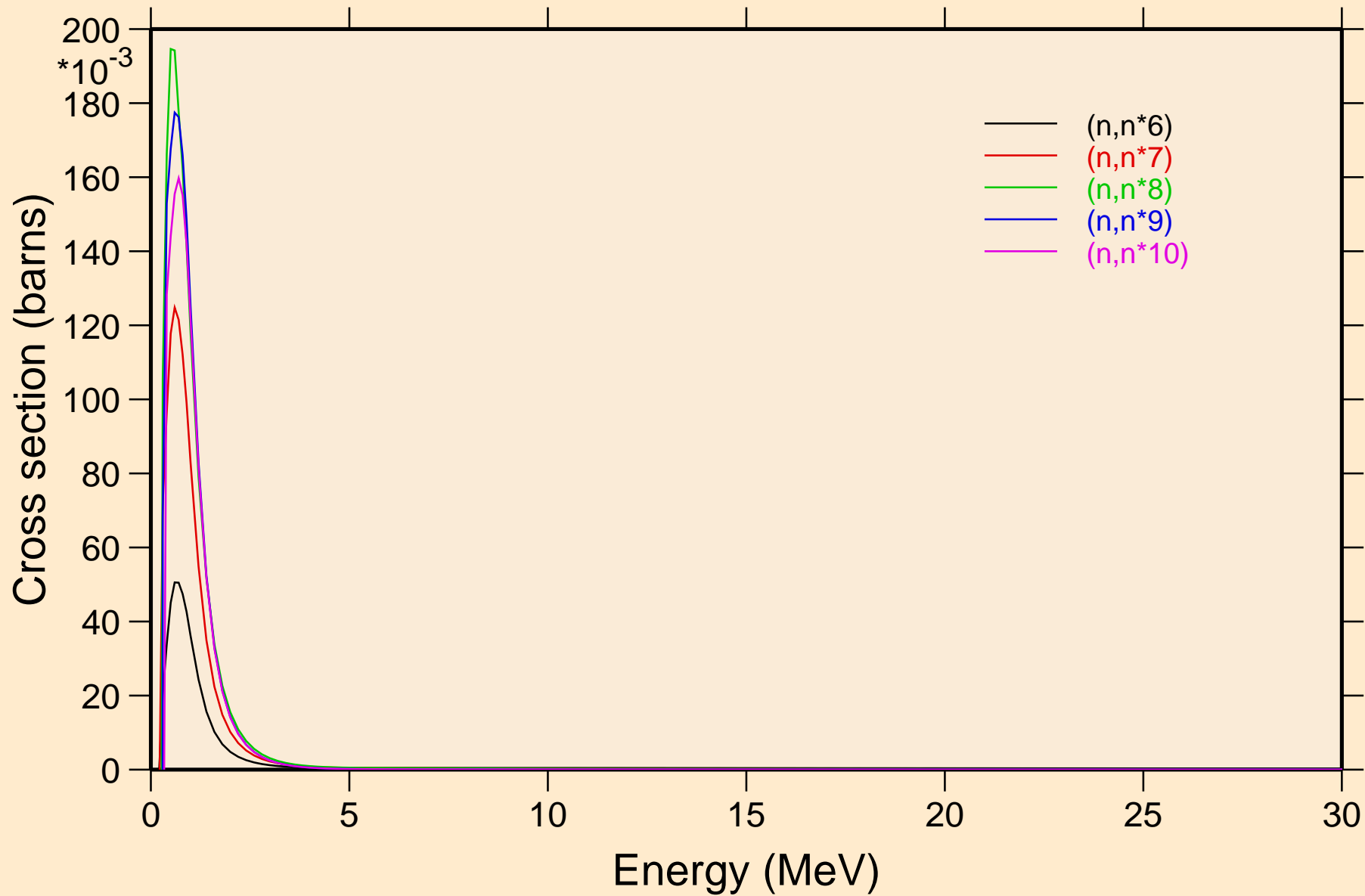


LU171 NRG TENDL-2015, AKONING  
Inelastic levels



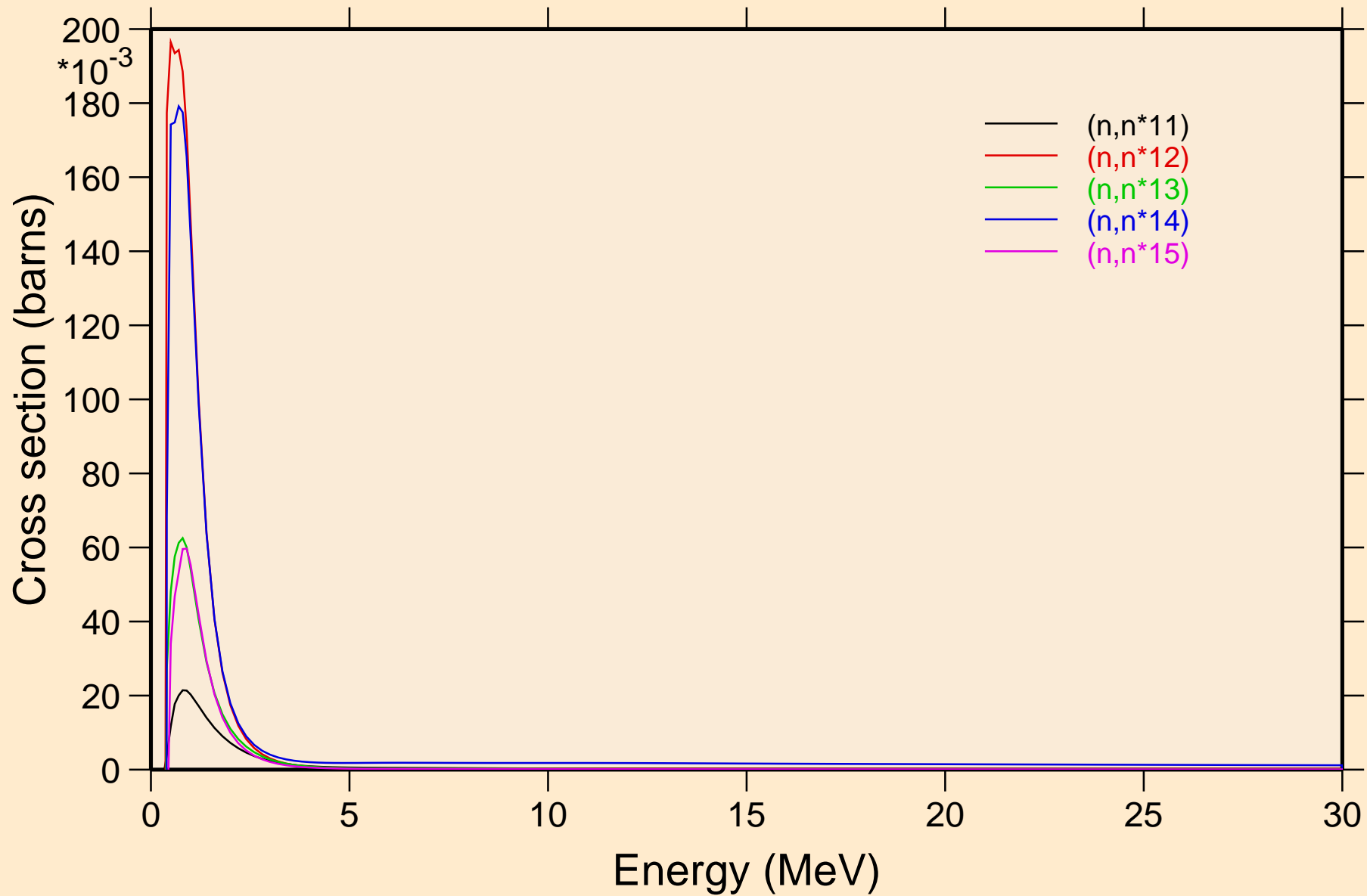
# LU171 NRG TENDL-2015, AKONING

## Inelastic levels



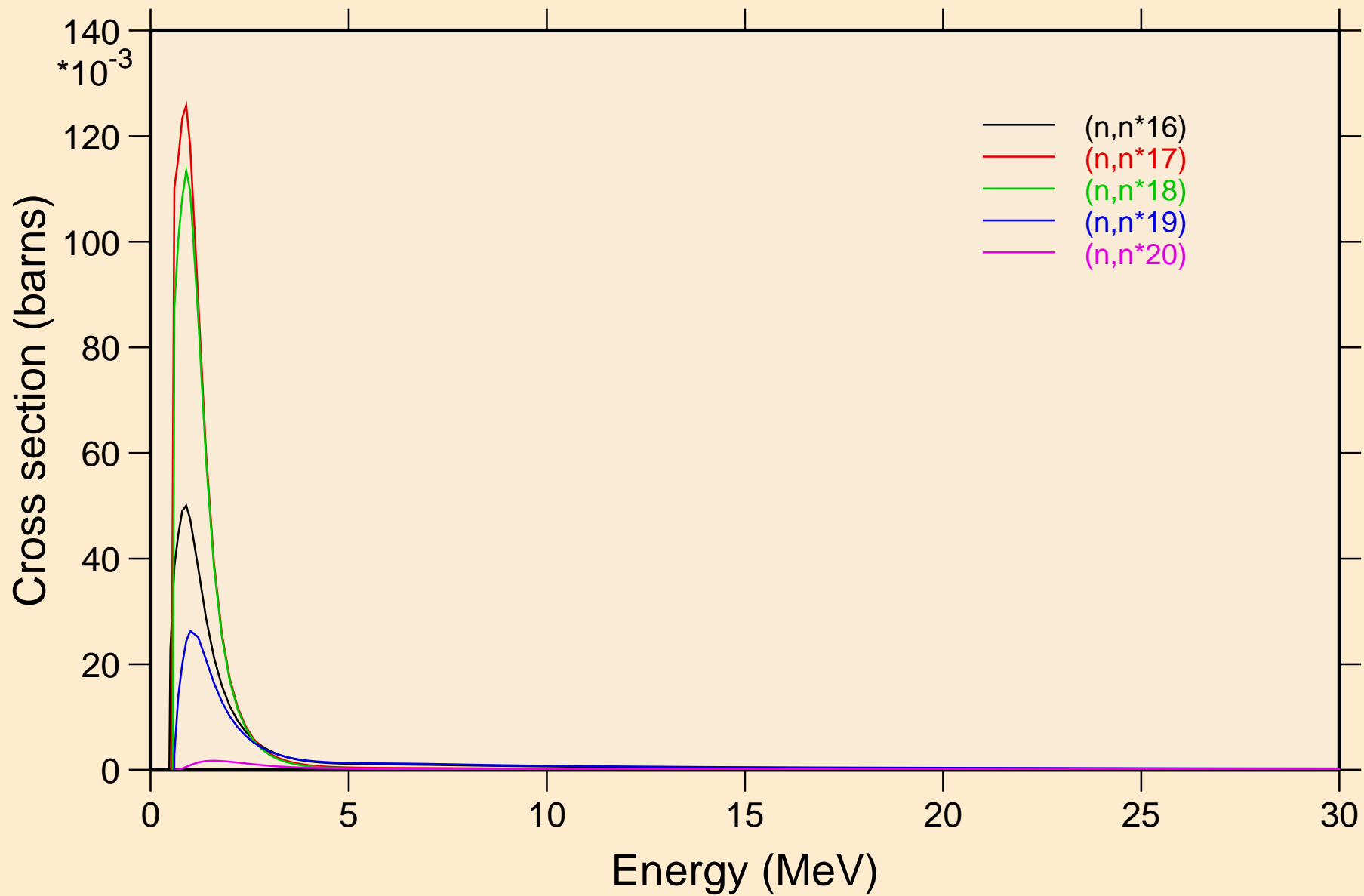
# LU171 NRG TENDL-2015, AKONING

## Inelastic levels



# LU171 NRG TENDL-2015, AKONING

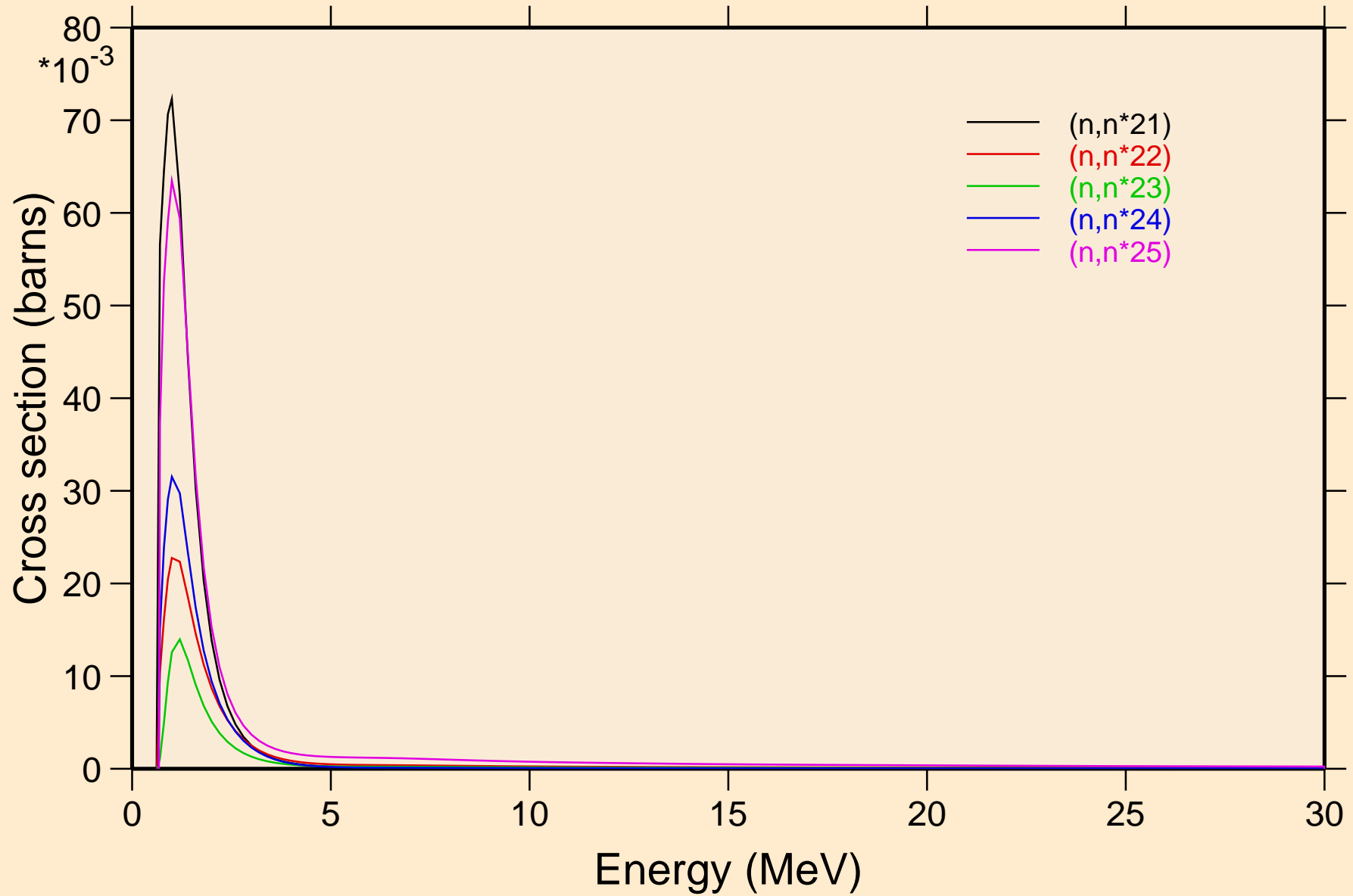
## Inelastic levels





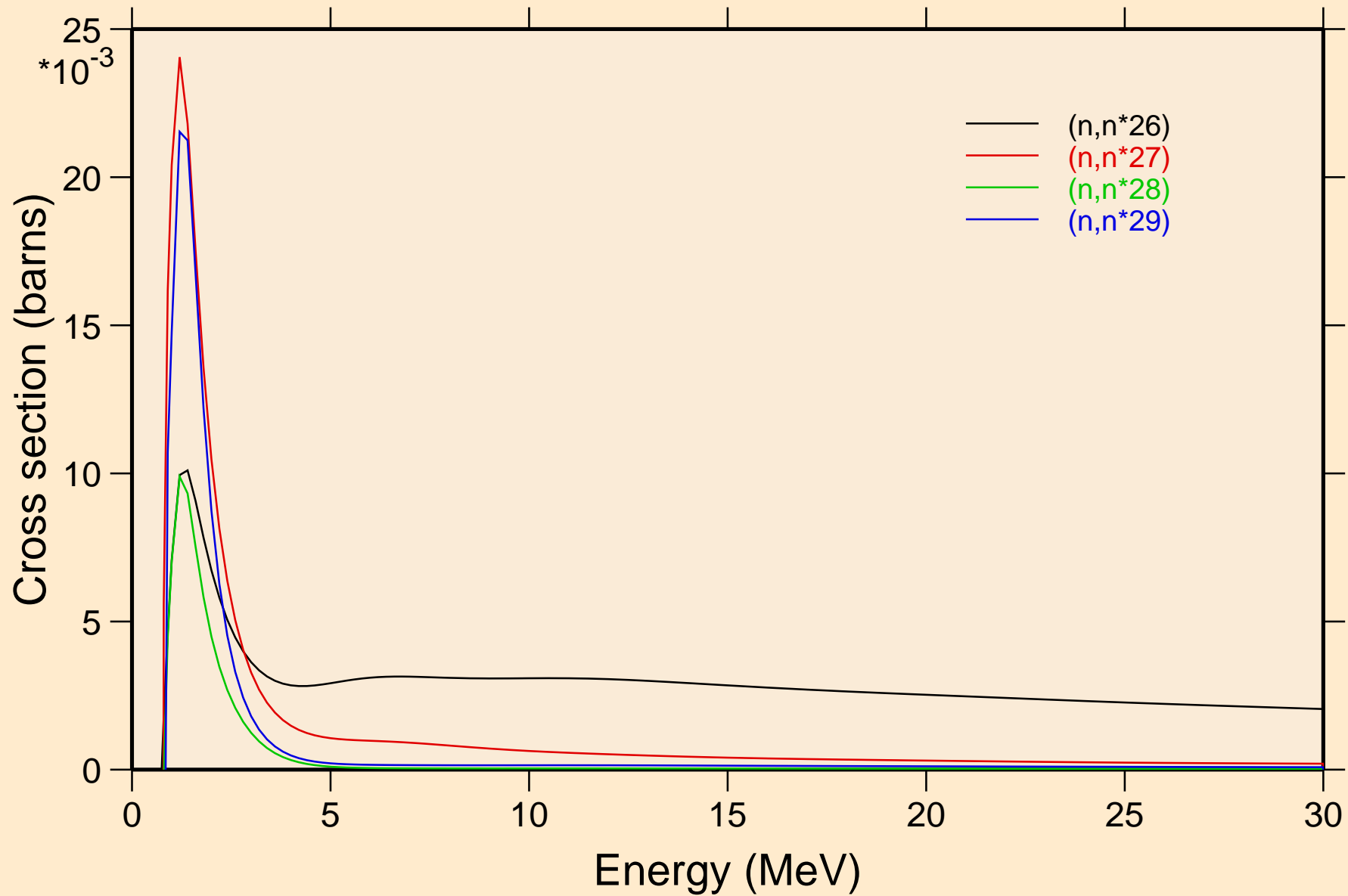
# LU171 NRG TENDL-2015, AKONING

## Inelastic levels



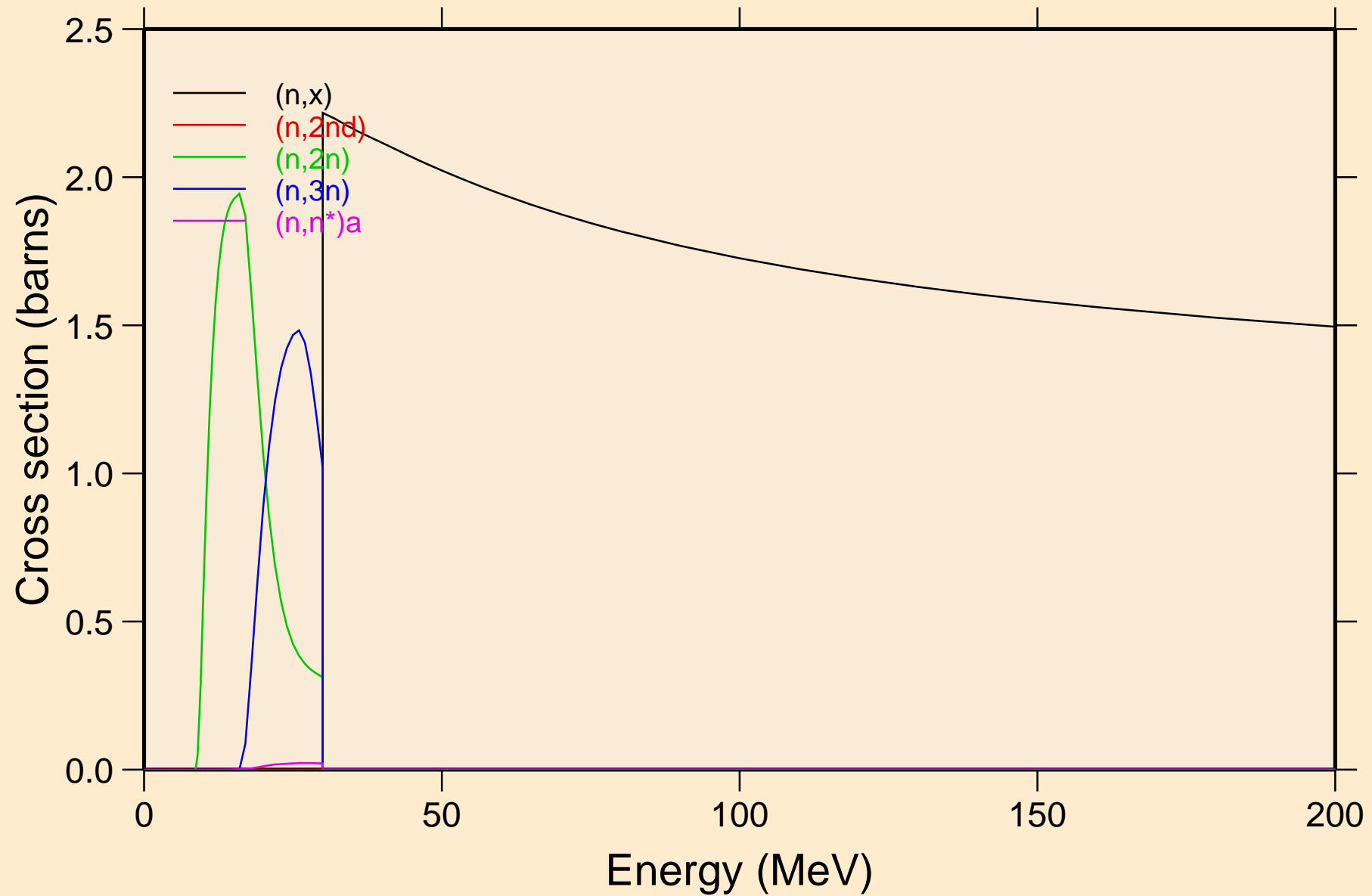
# LU171 NRG TENDL-2015, AKONING

## Inelastic levels



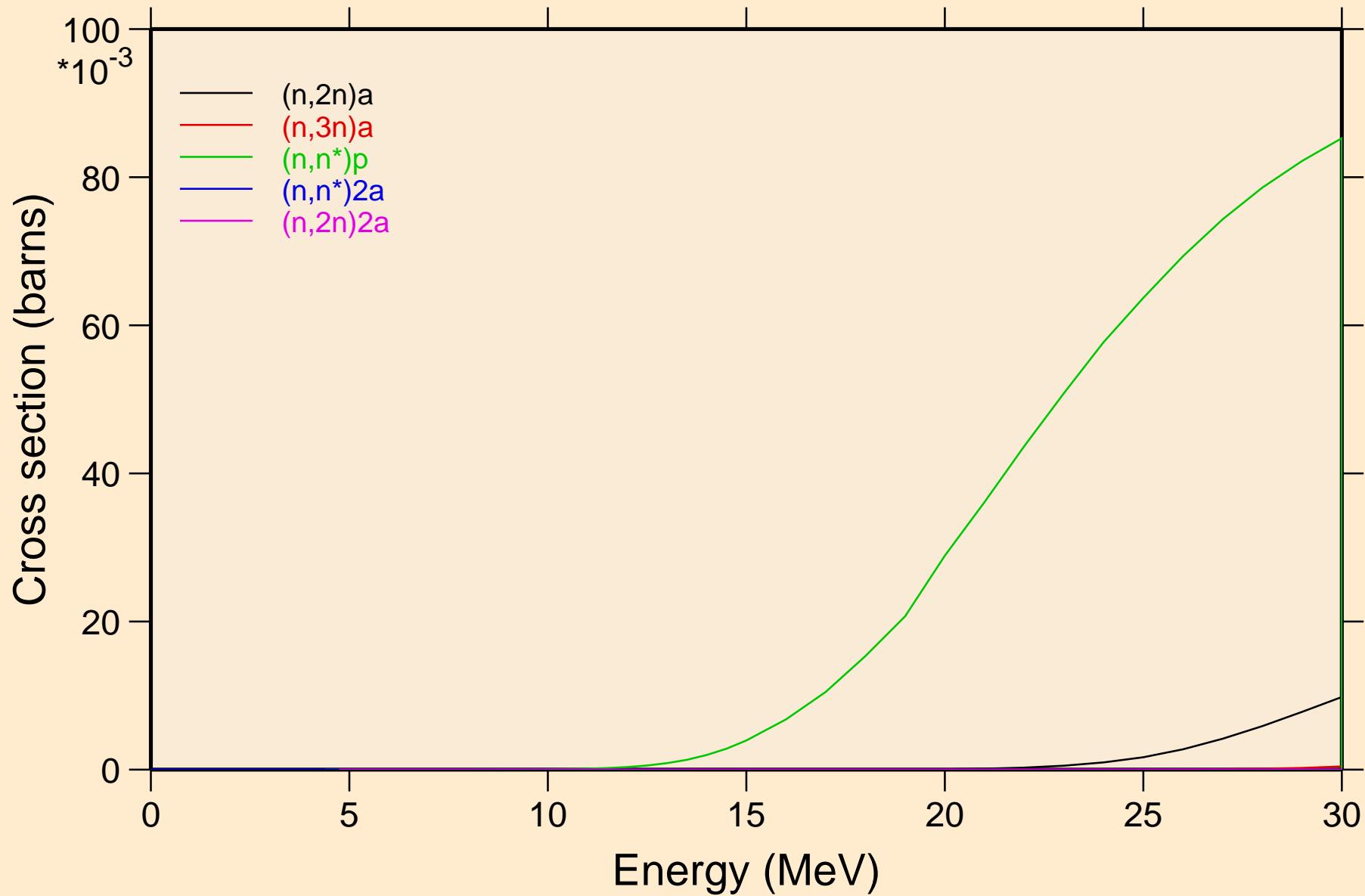
# LU171 NRG TENDL-2015, AKONING

## Threshold reactions



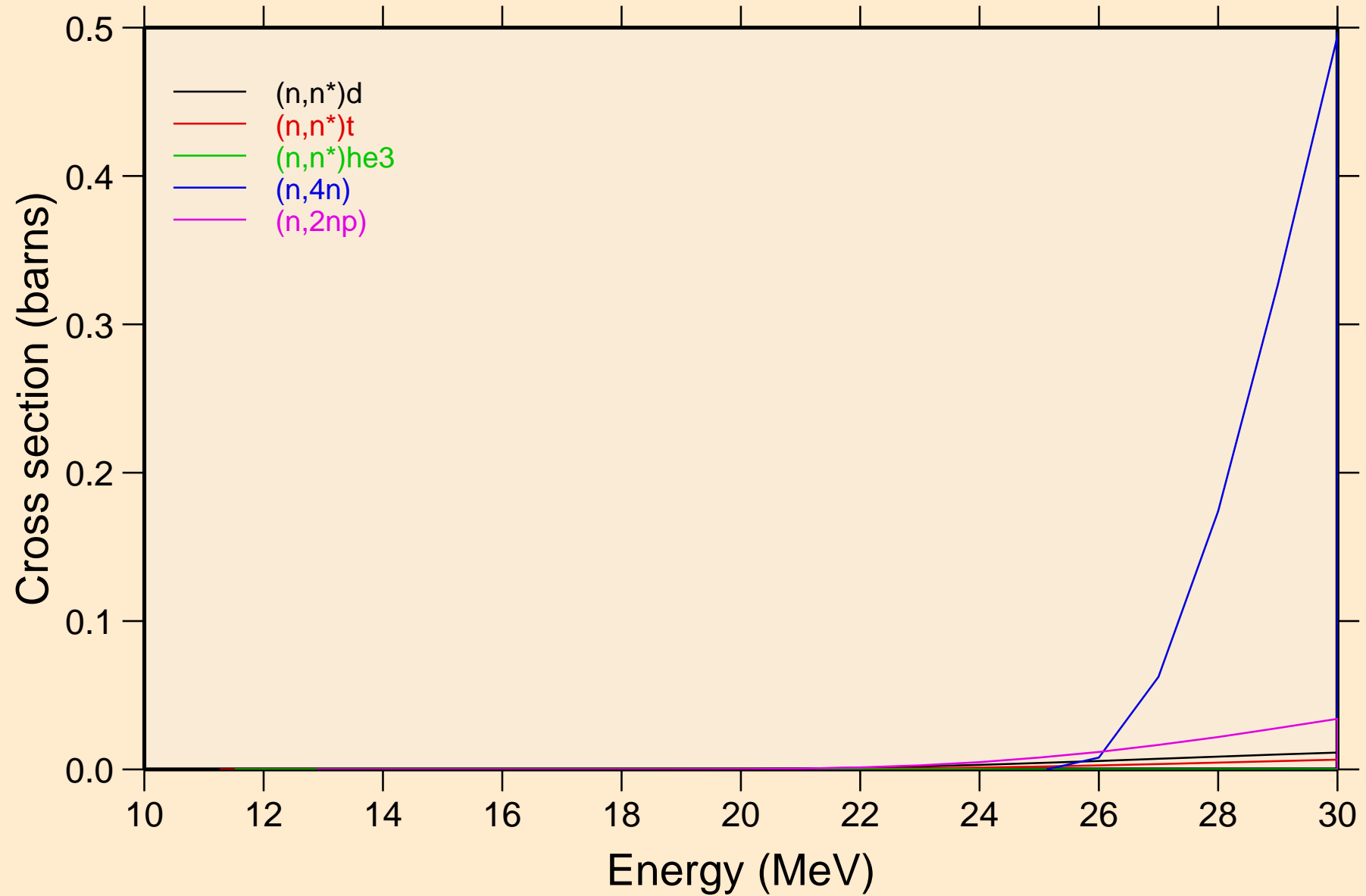
# LU171 NRG TENDL-2015, AKONING

## Threshold reactions



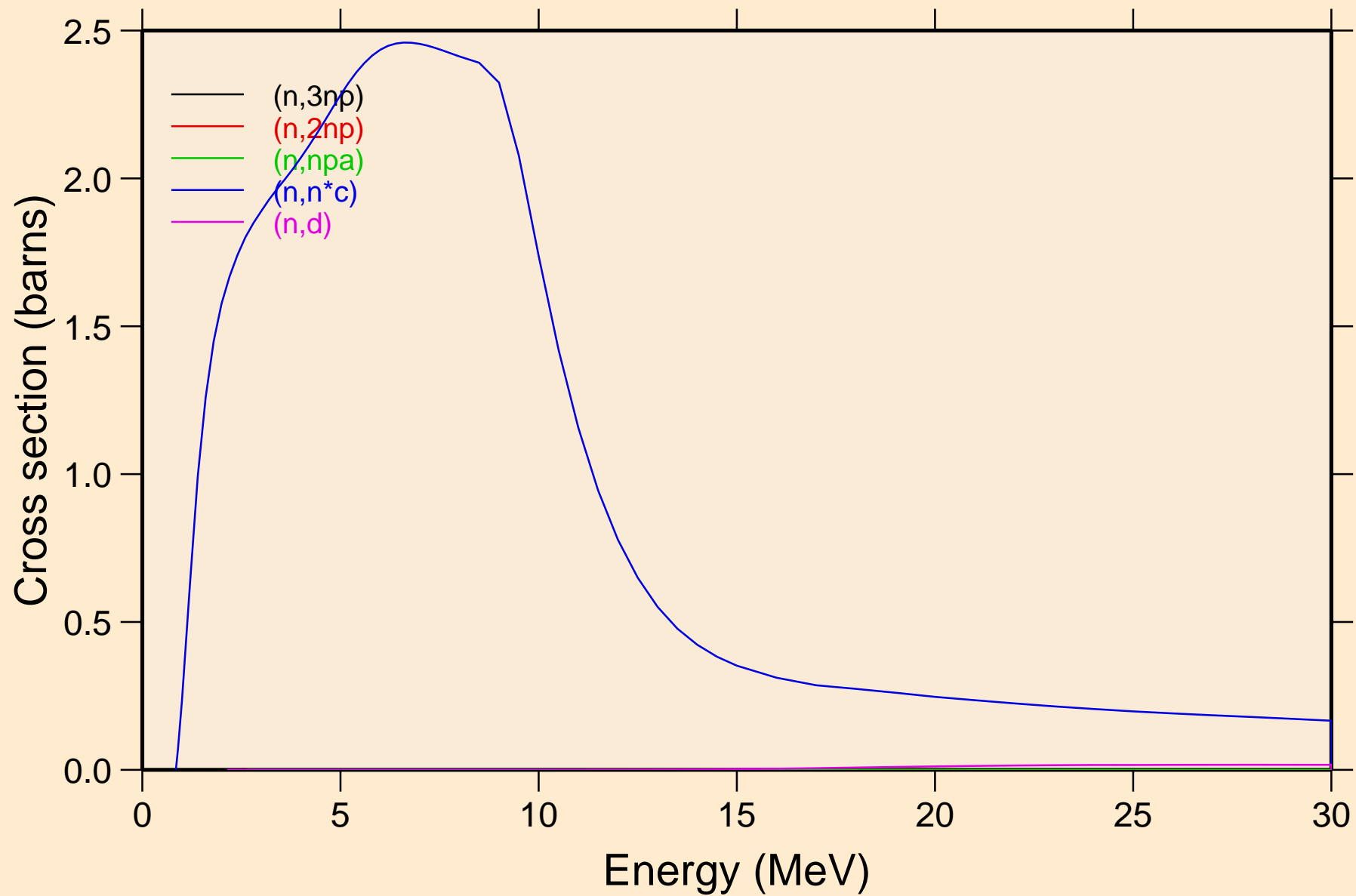
# LU171 NRG TENDL-2015, AKONING

## Threshold reactions



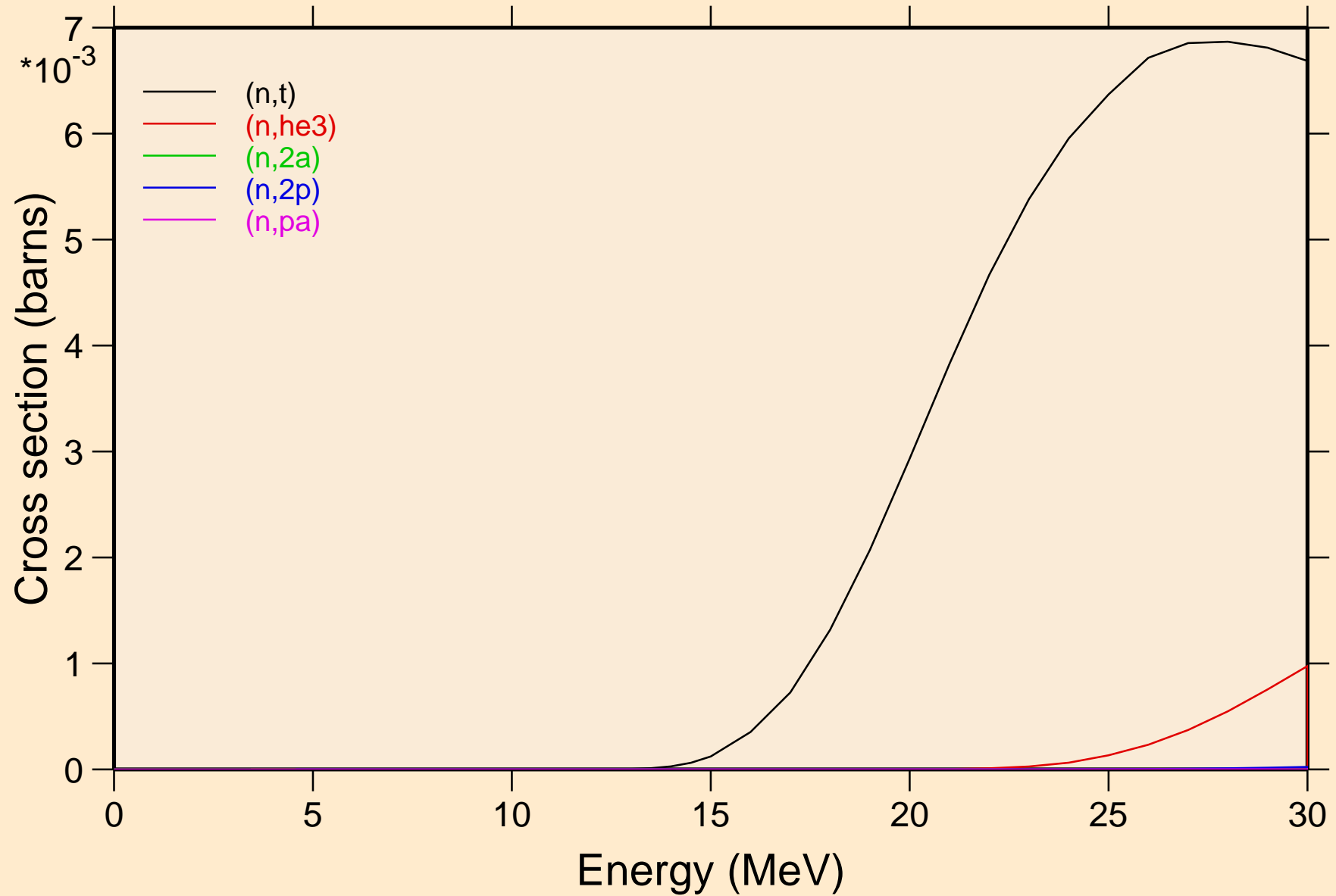
# LU171 NRG TENDL-2015, AKONING

## Threshold reactions



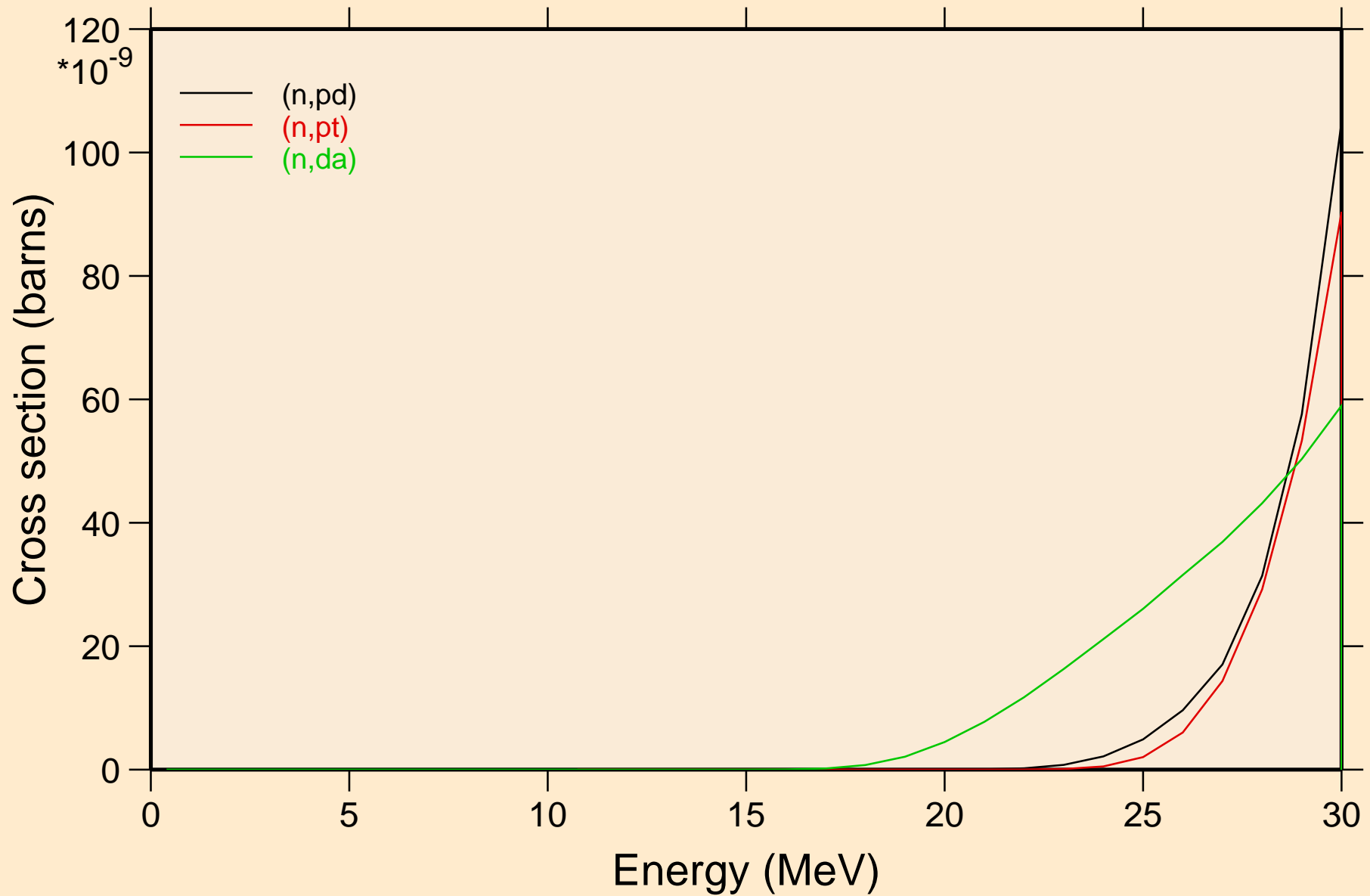
# LU171 NRG TENDL-2015, AKONING

## Threshold reactions



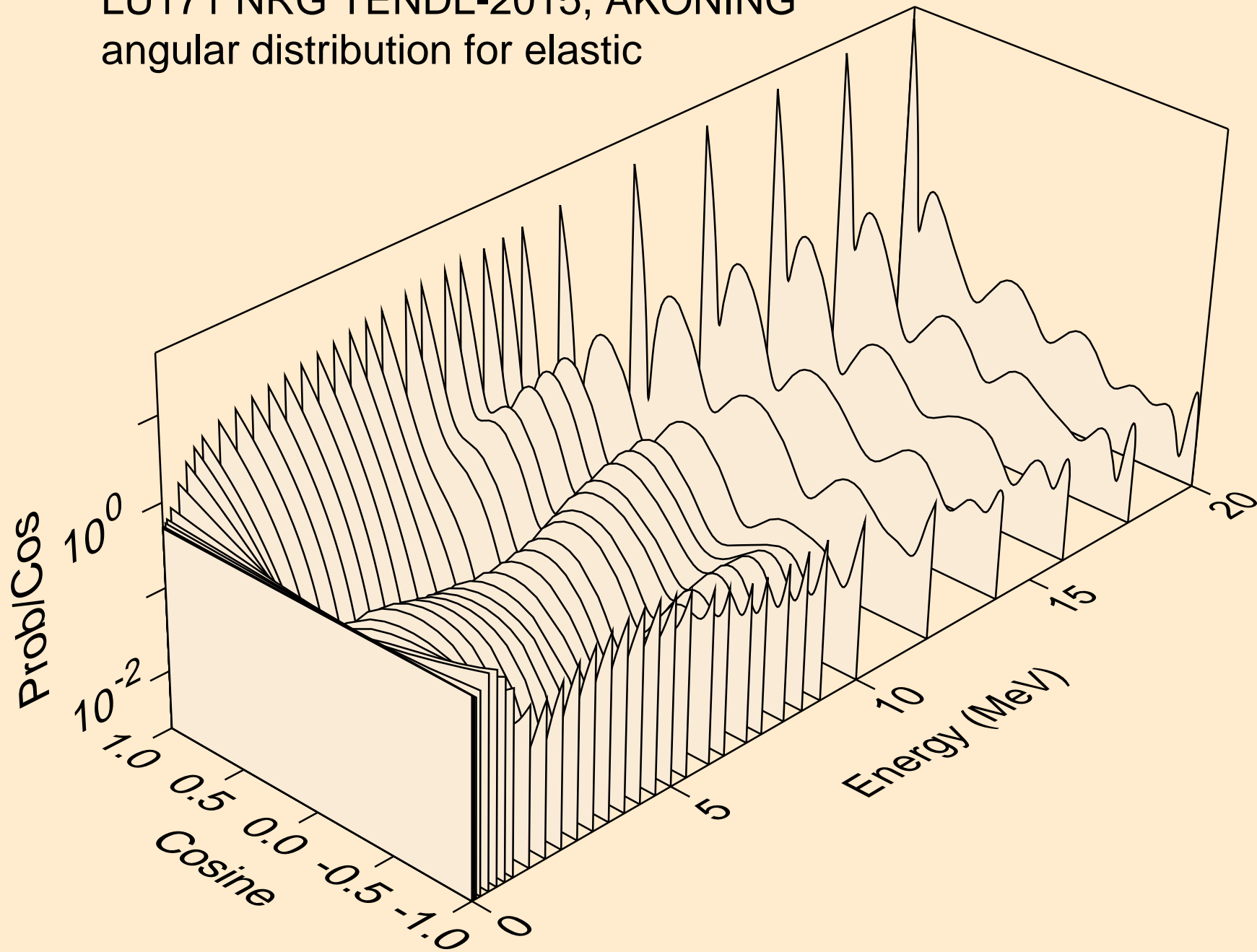
# LU171 NRG TENDL-2015, AKONING

## Threshold reactions

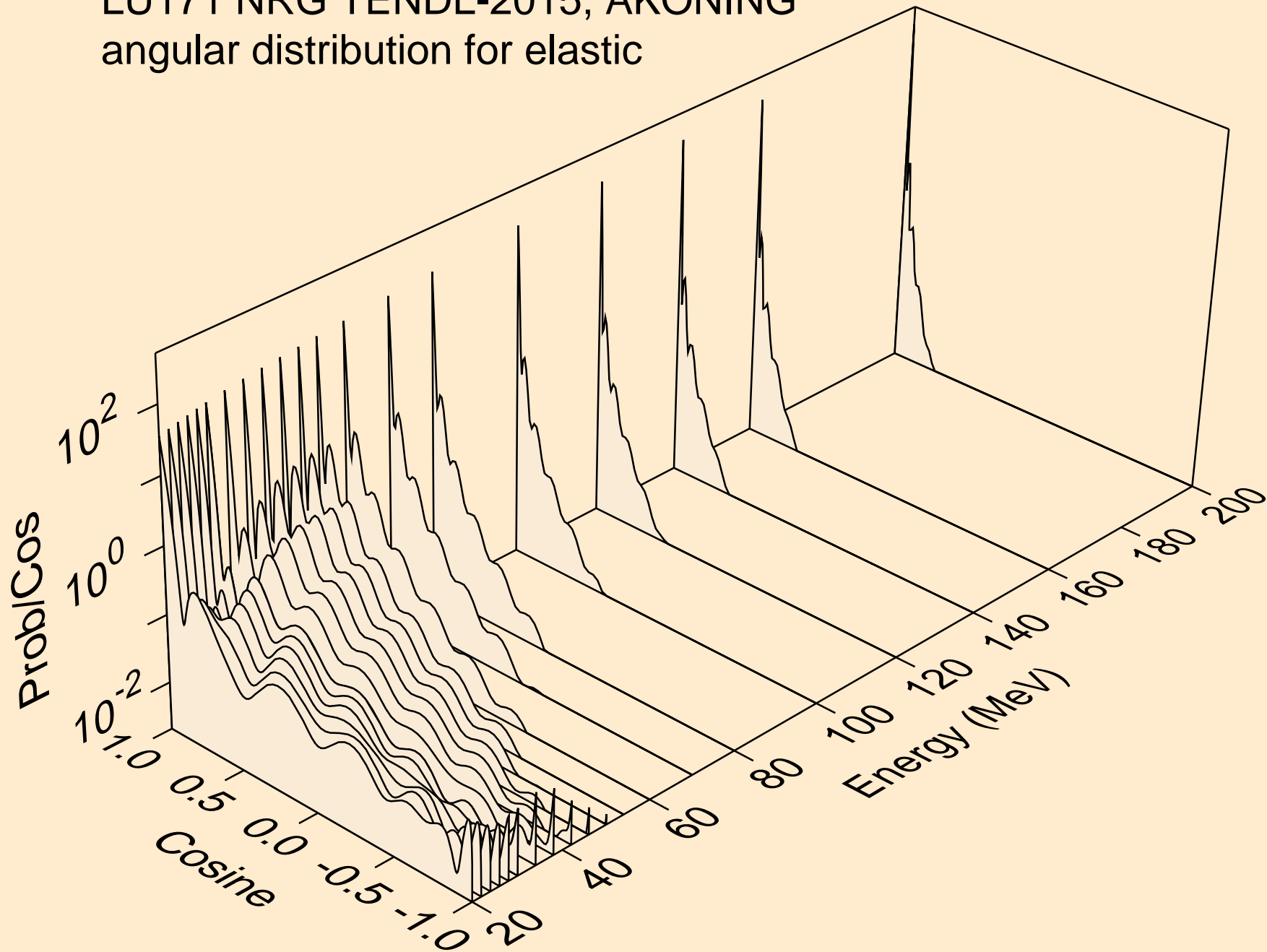




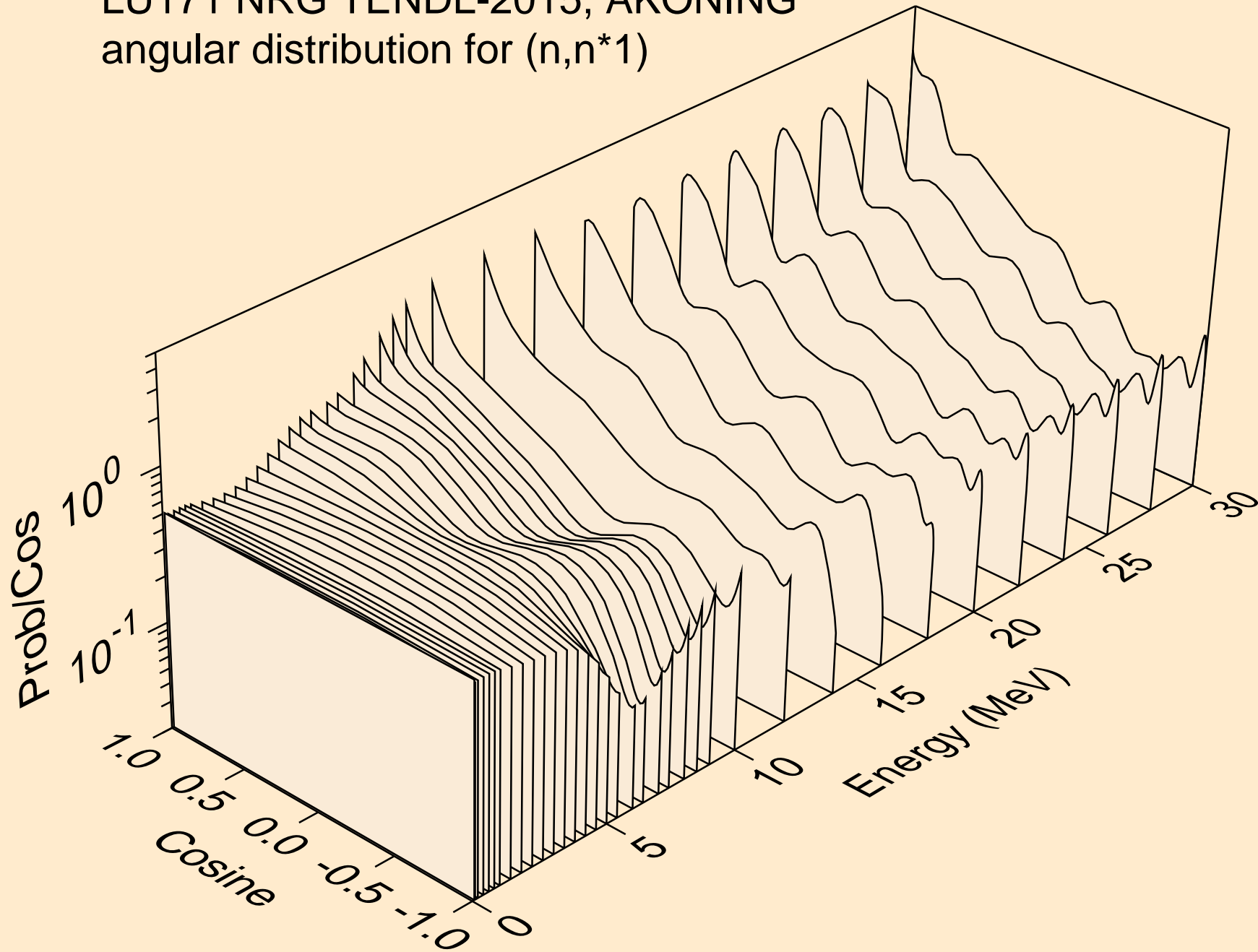
LU171 NRG TENDL-2015, AKONING  
angular distribution for elastic



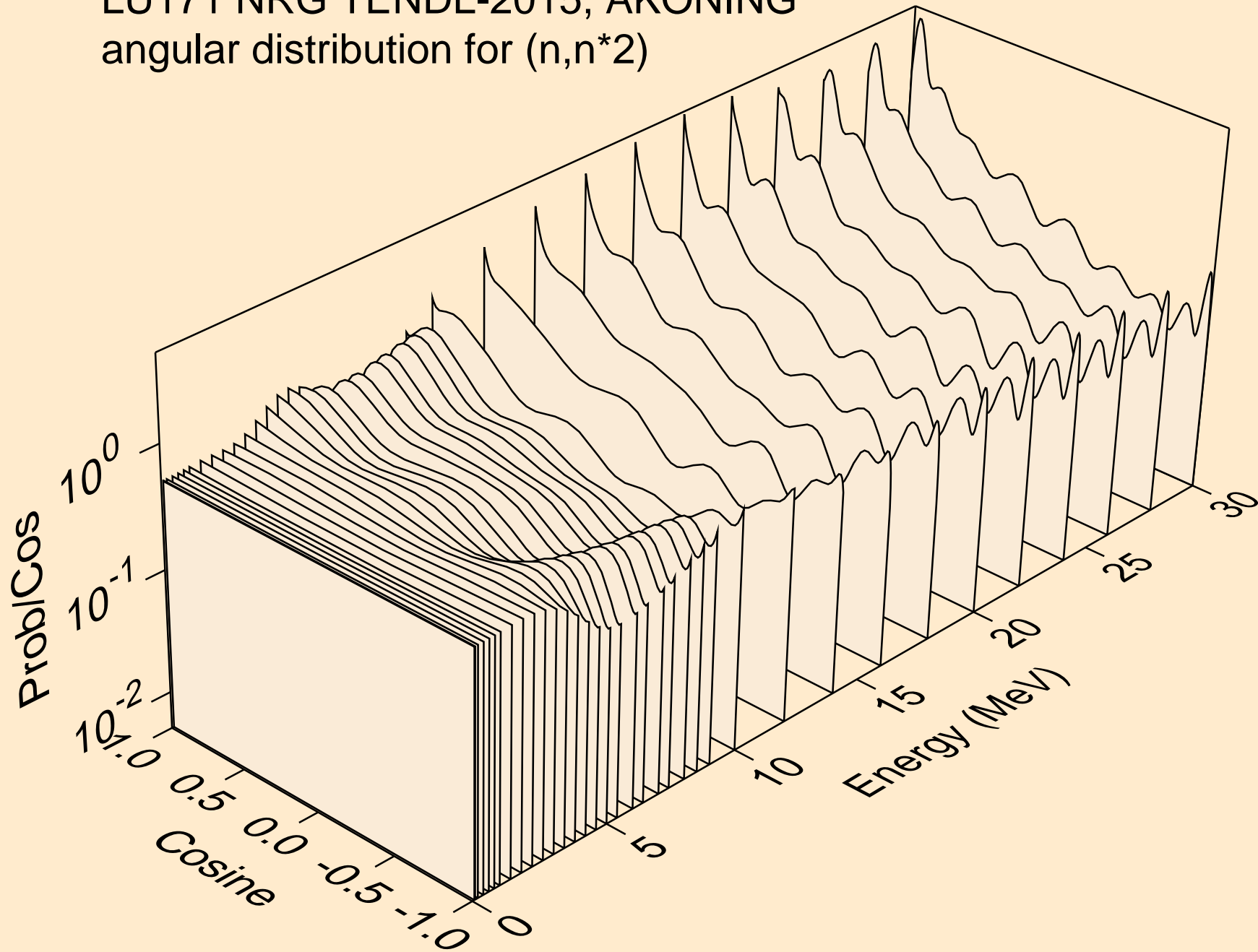
LU171 NRG TENDL-2015, AKONING  
angular distribution for elastic



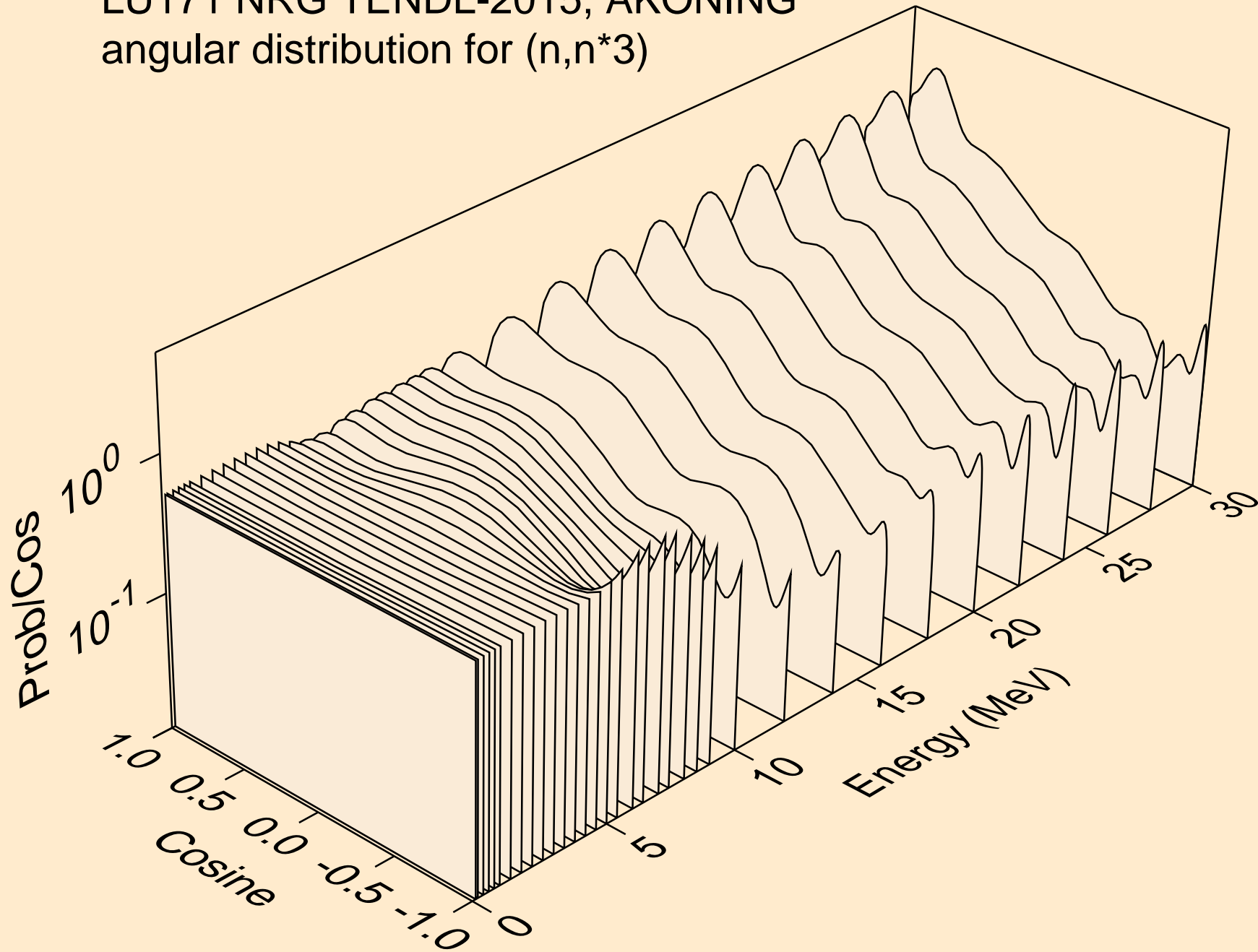
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



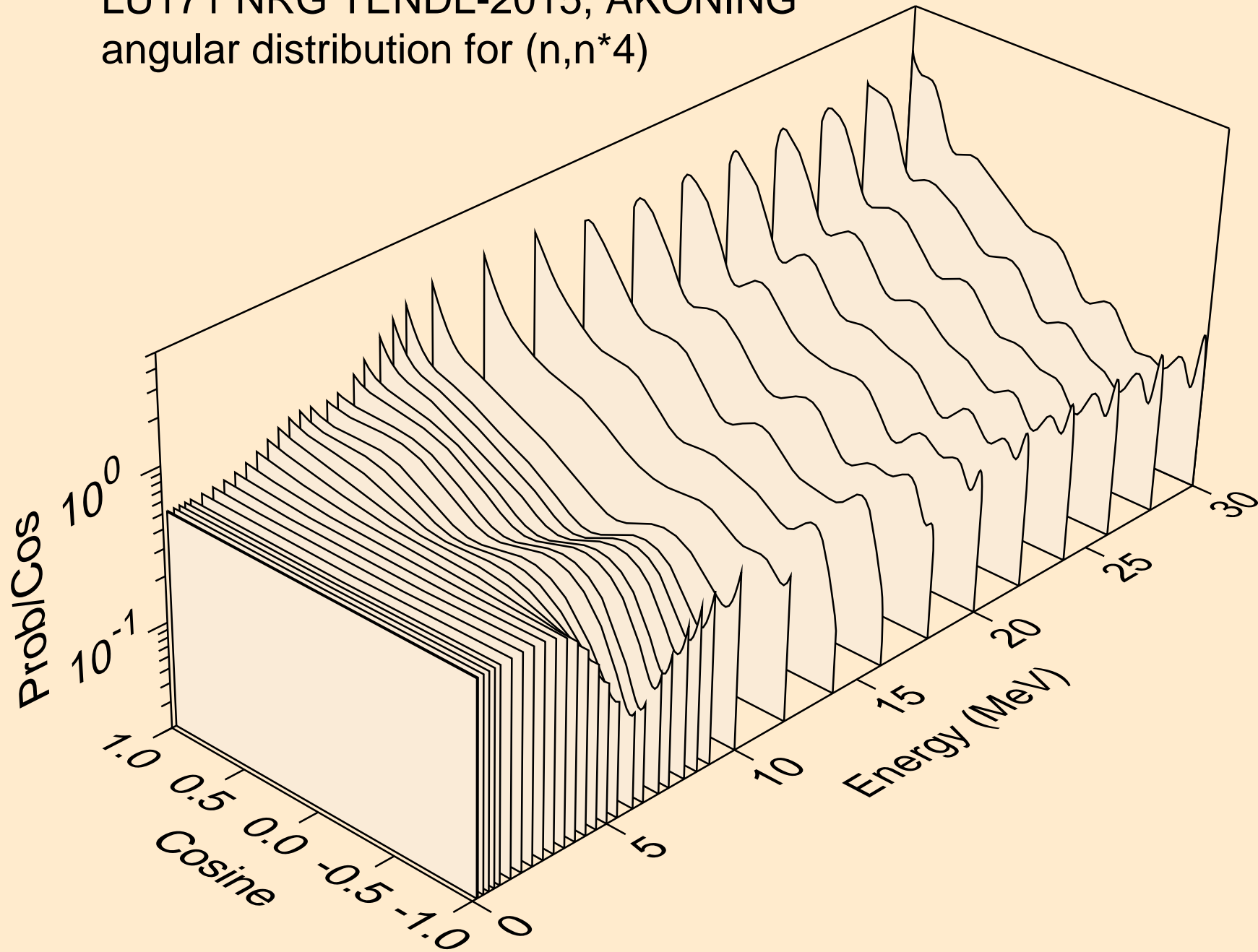
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



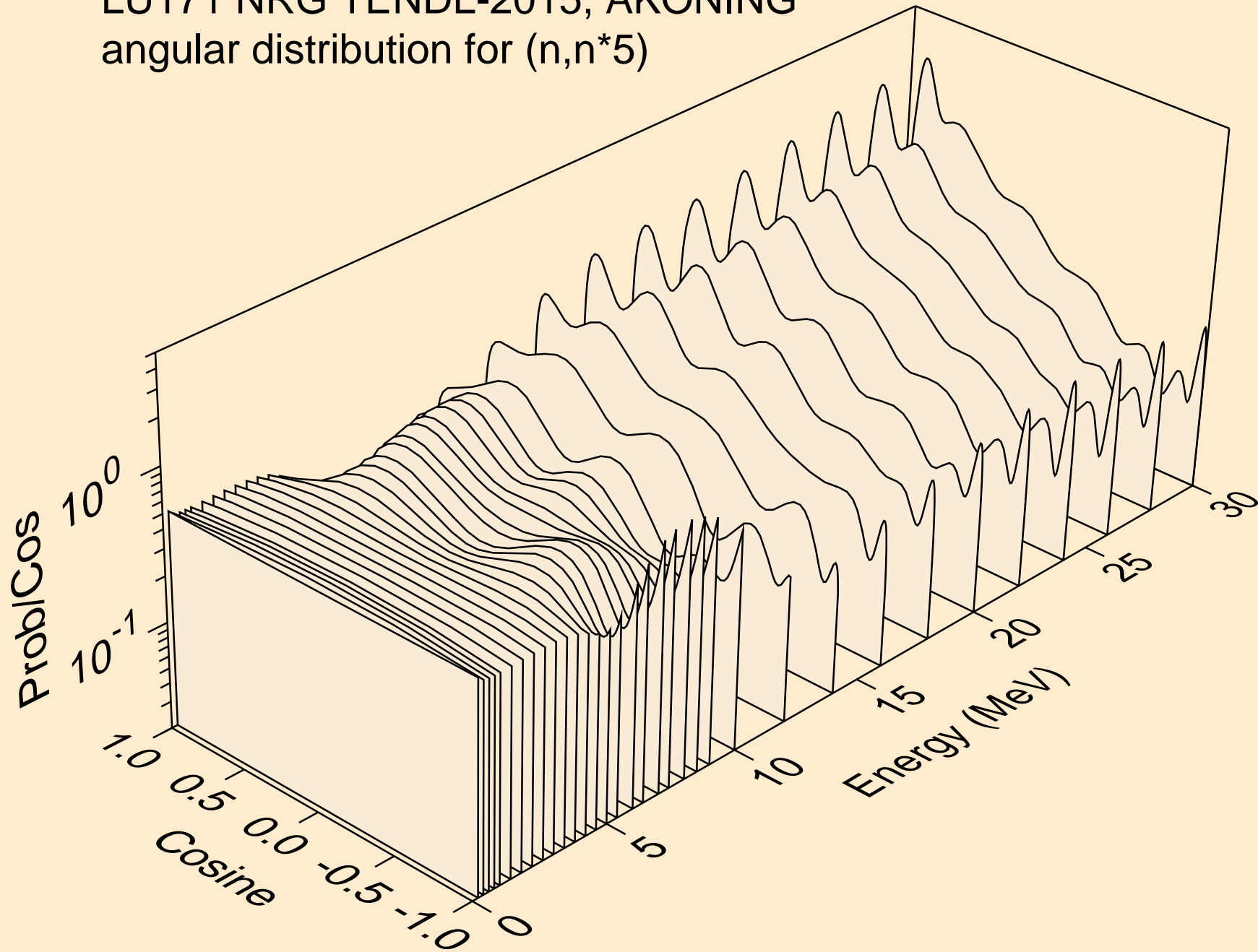
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



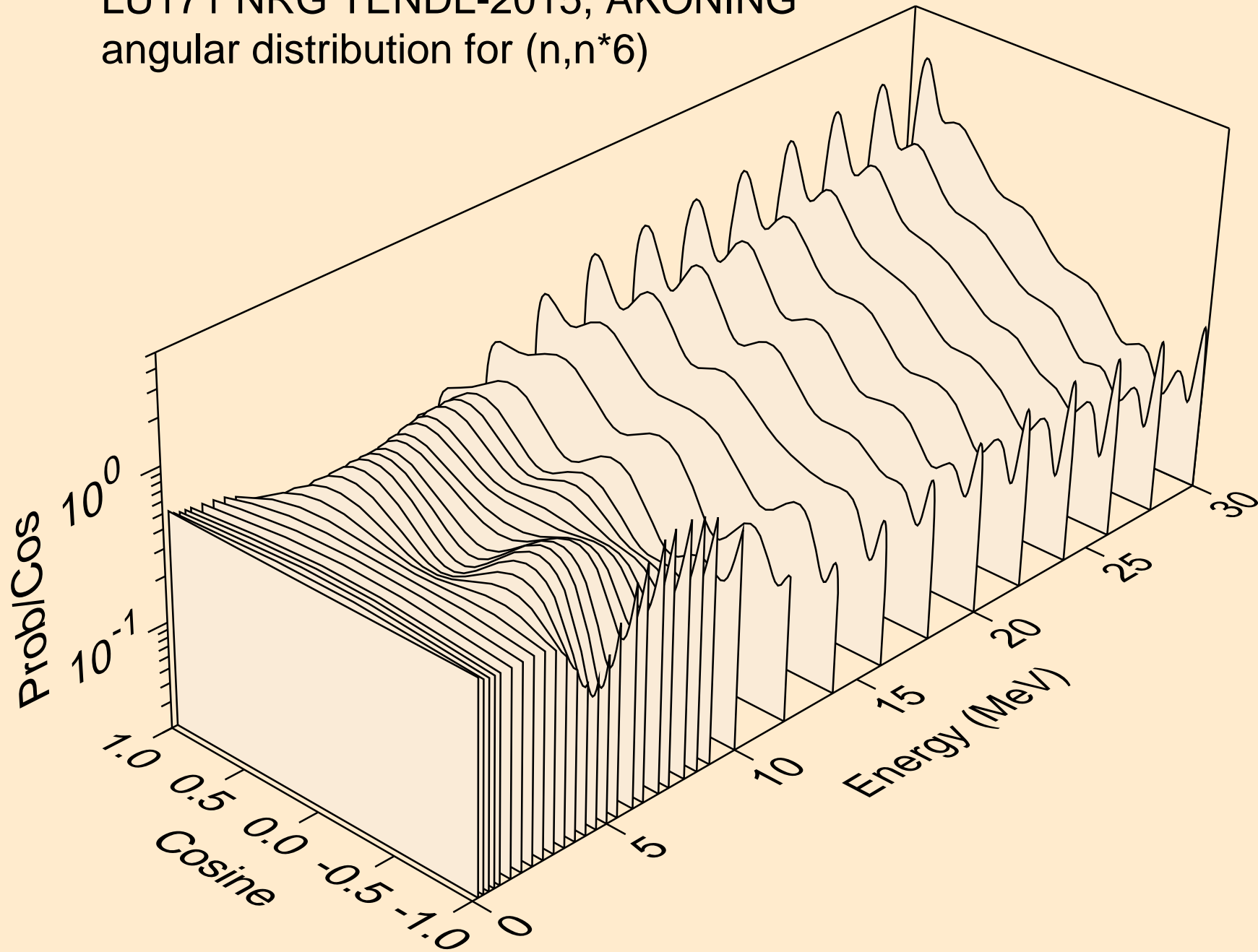
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

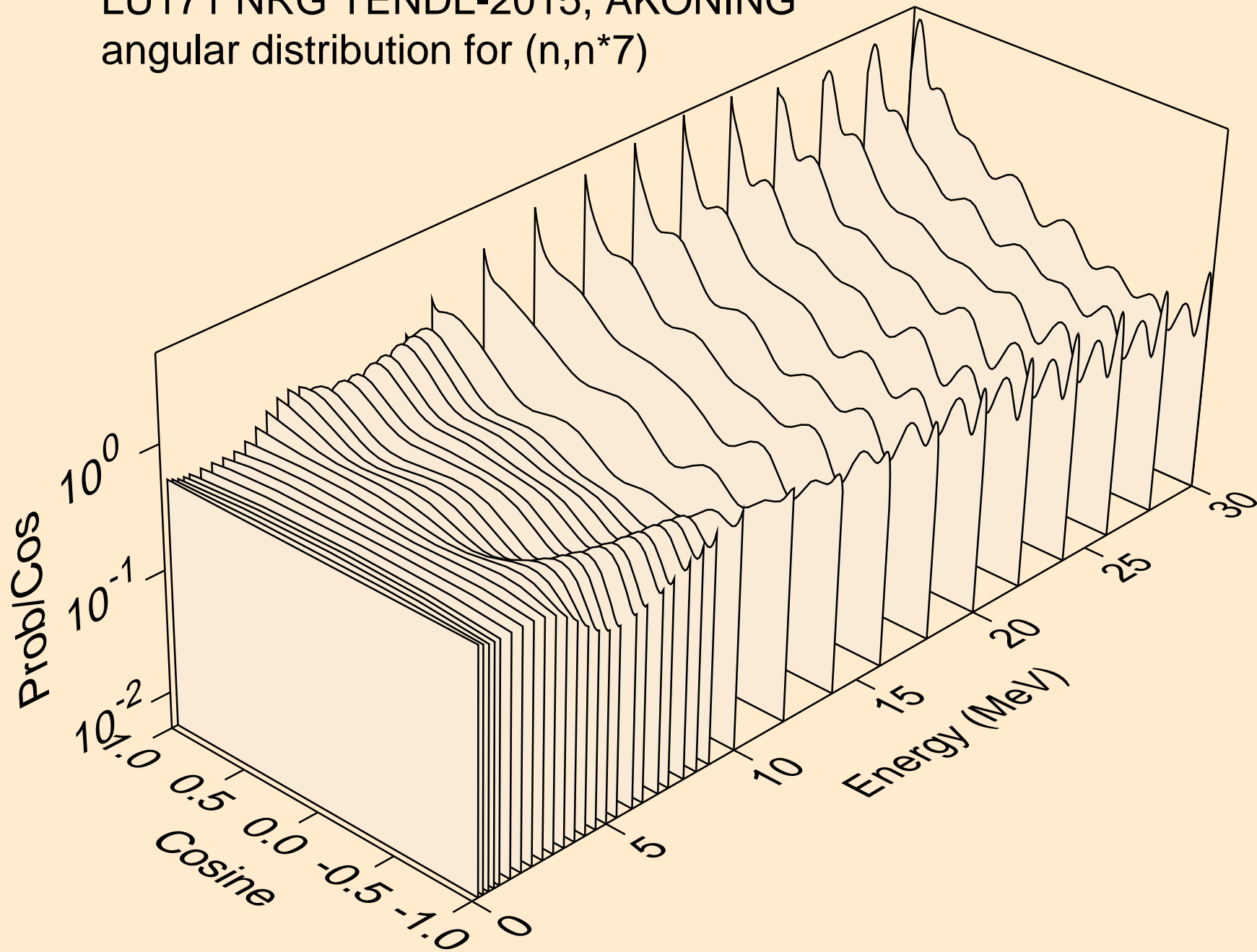


LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

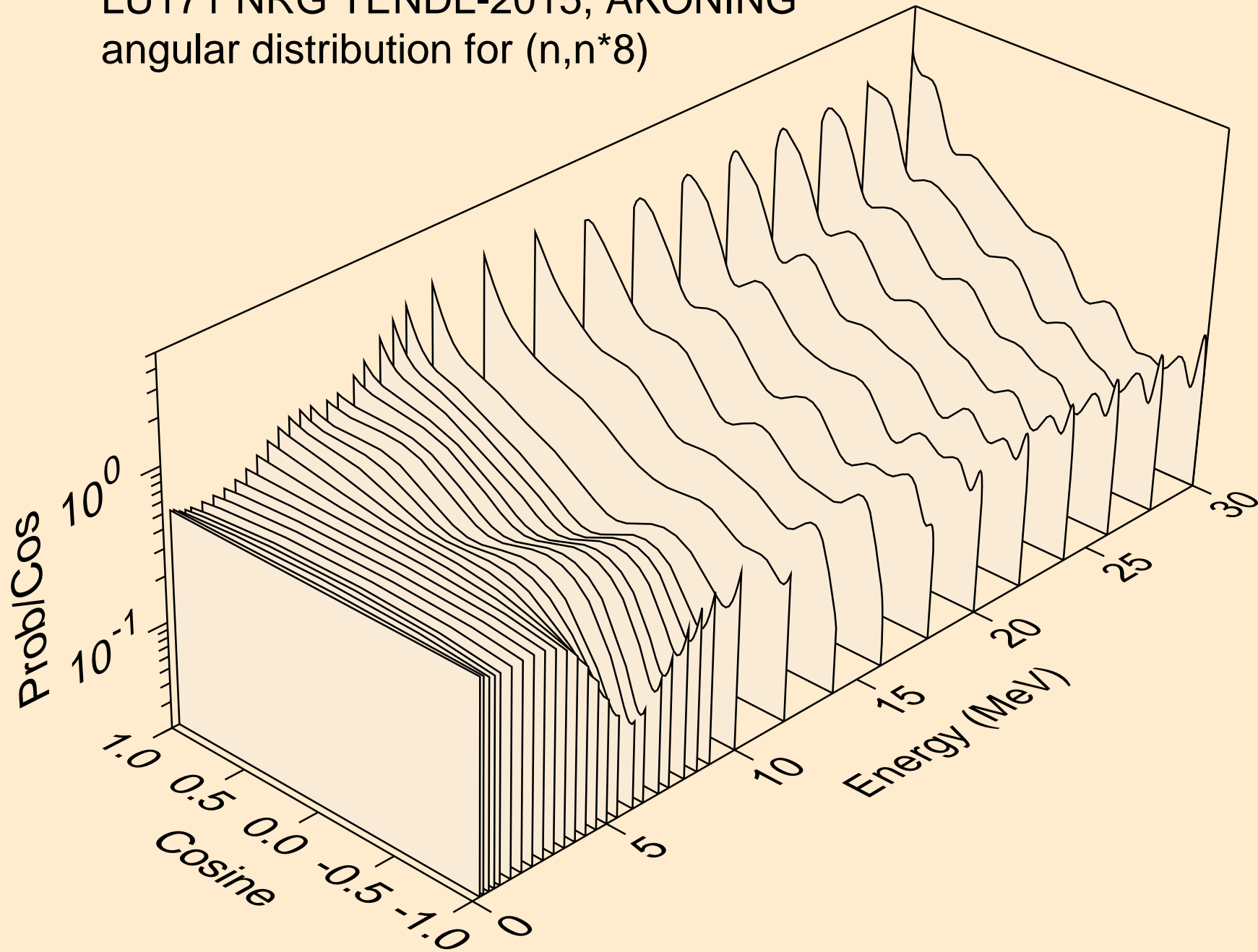




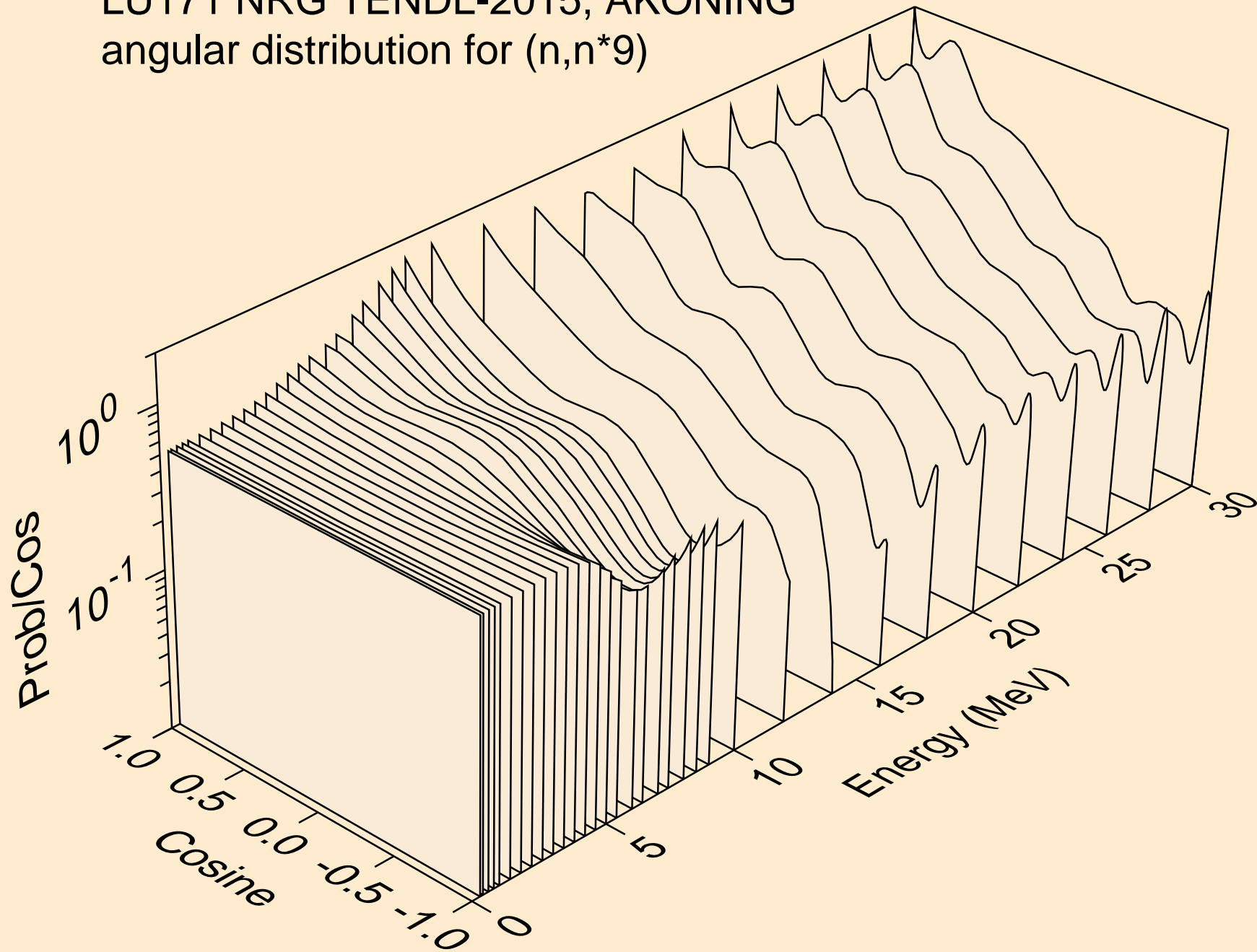
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



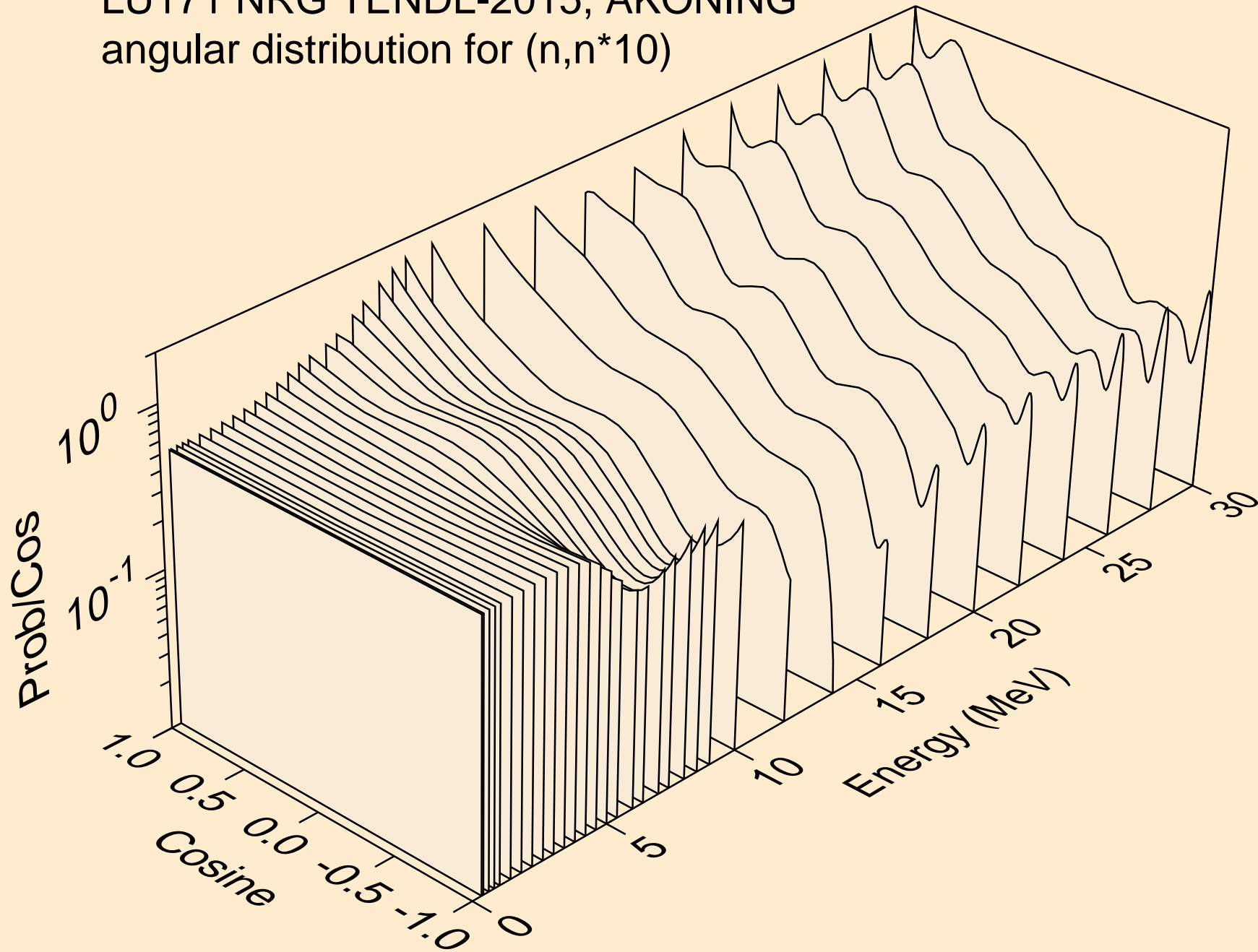
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



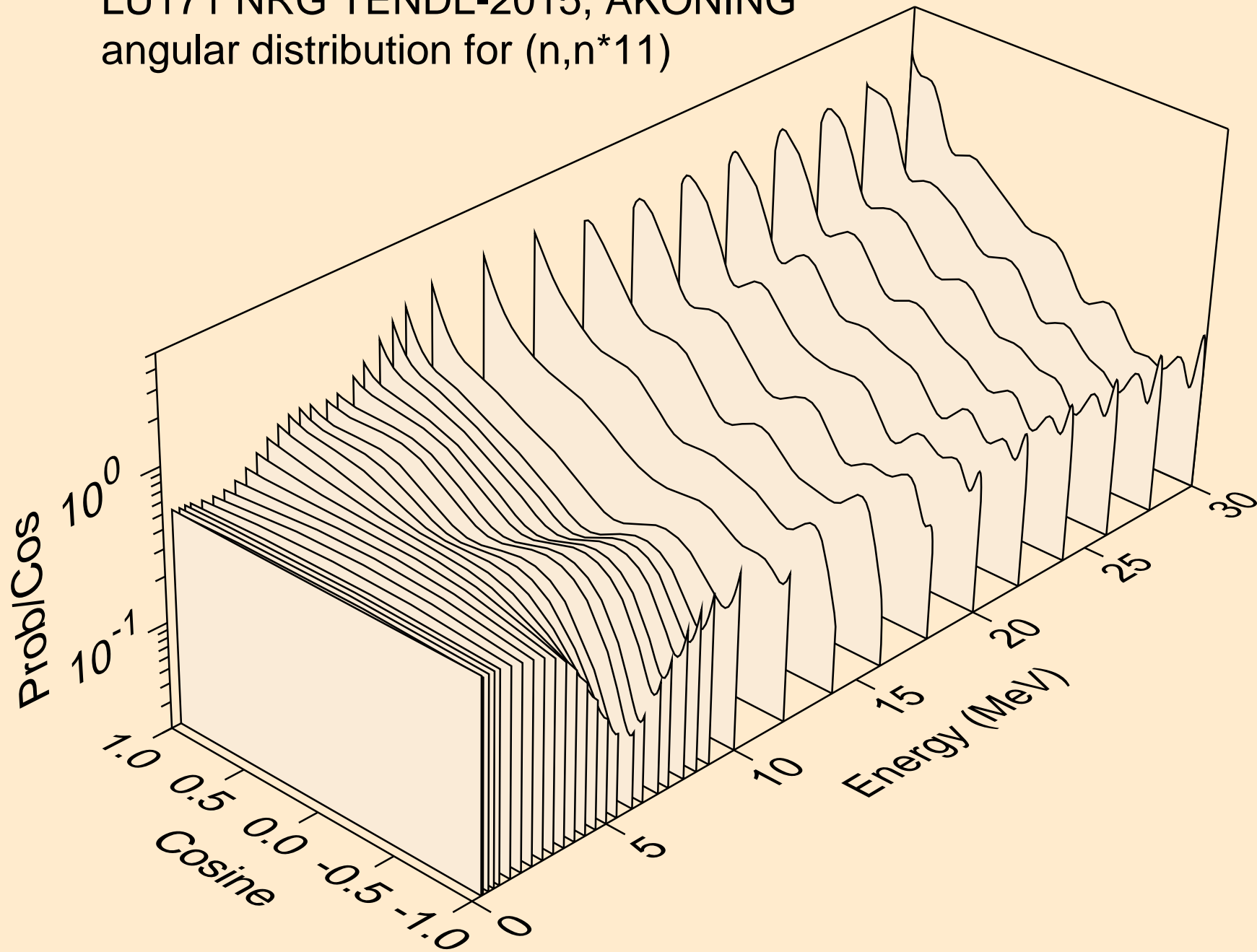
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



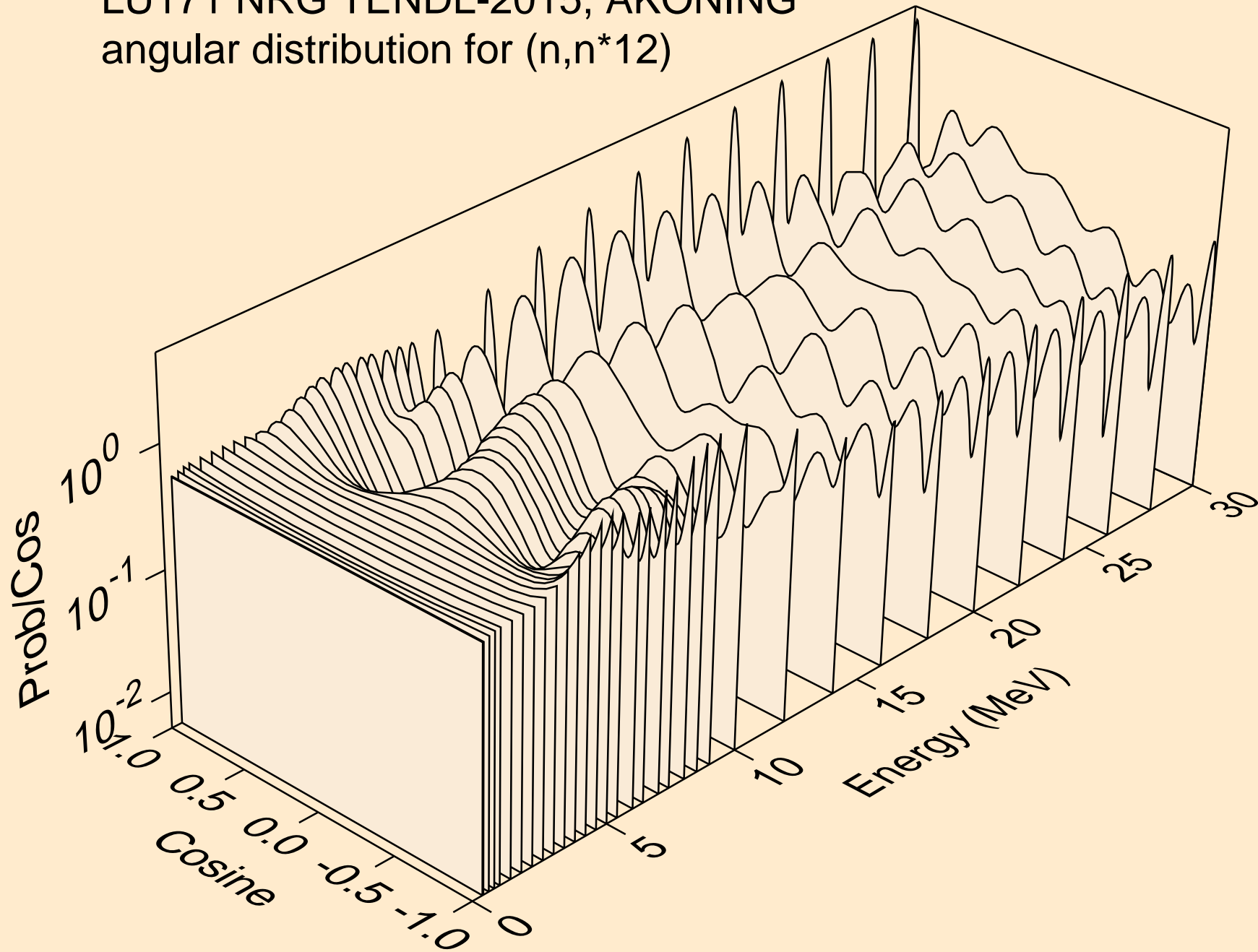
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



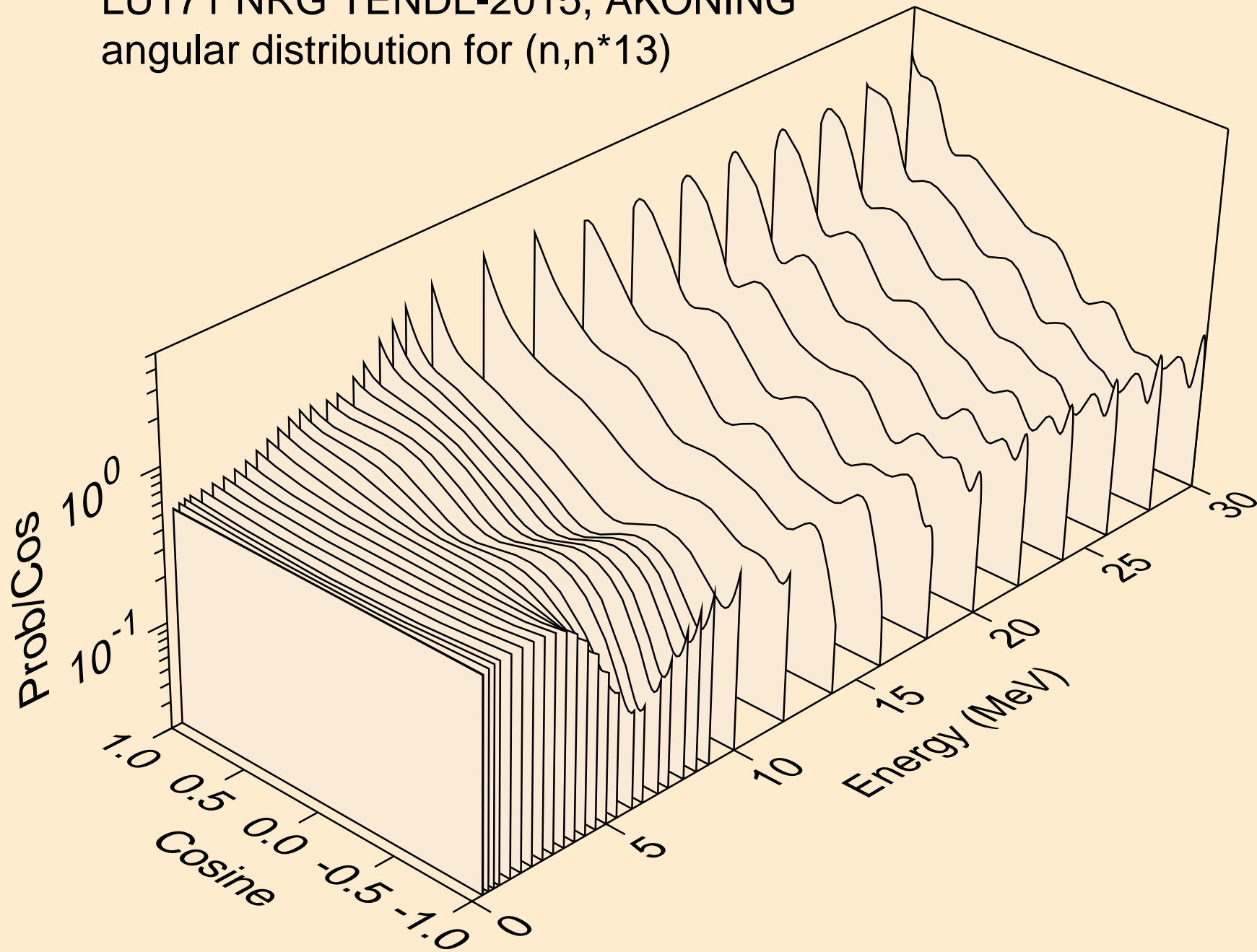
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



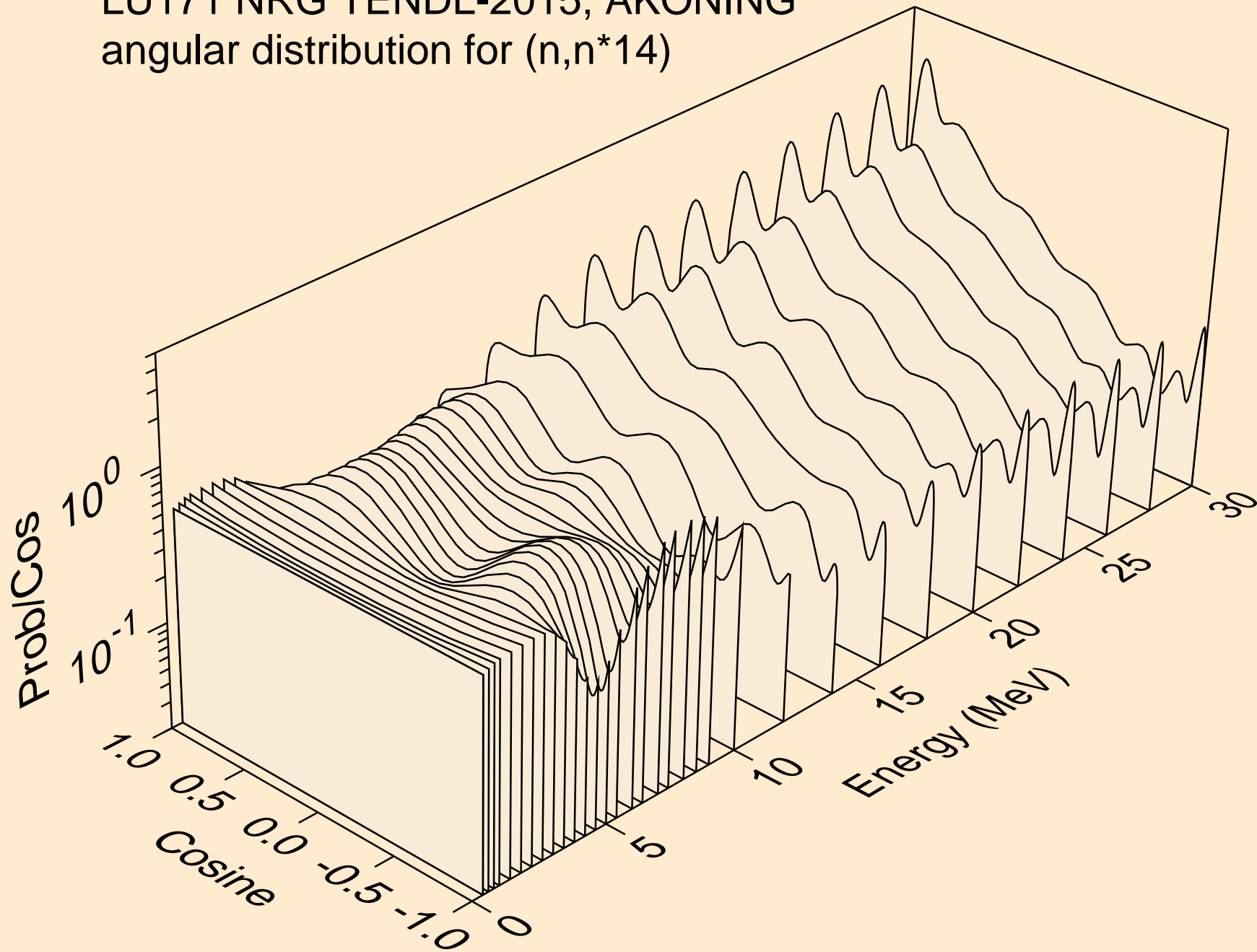
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

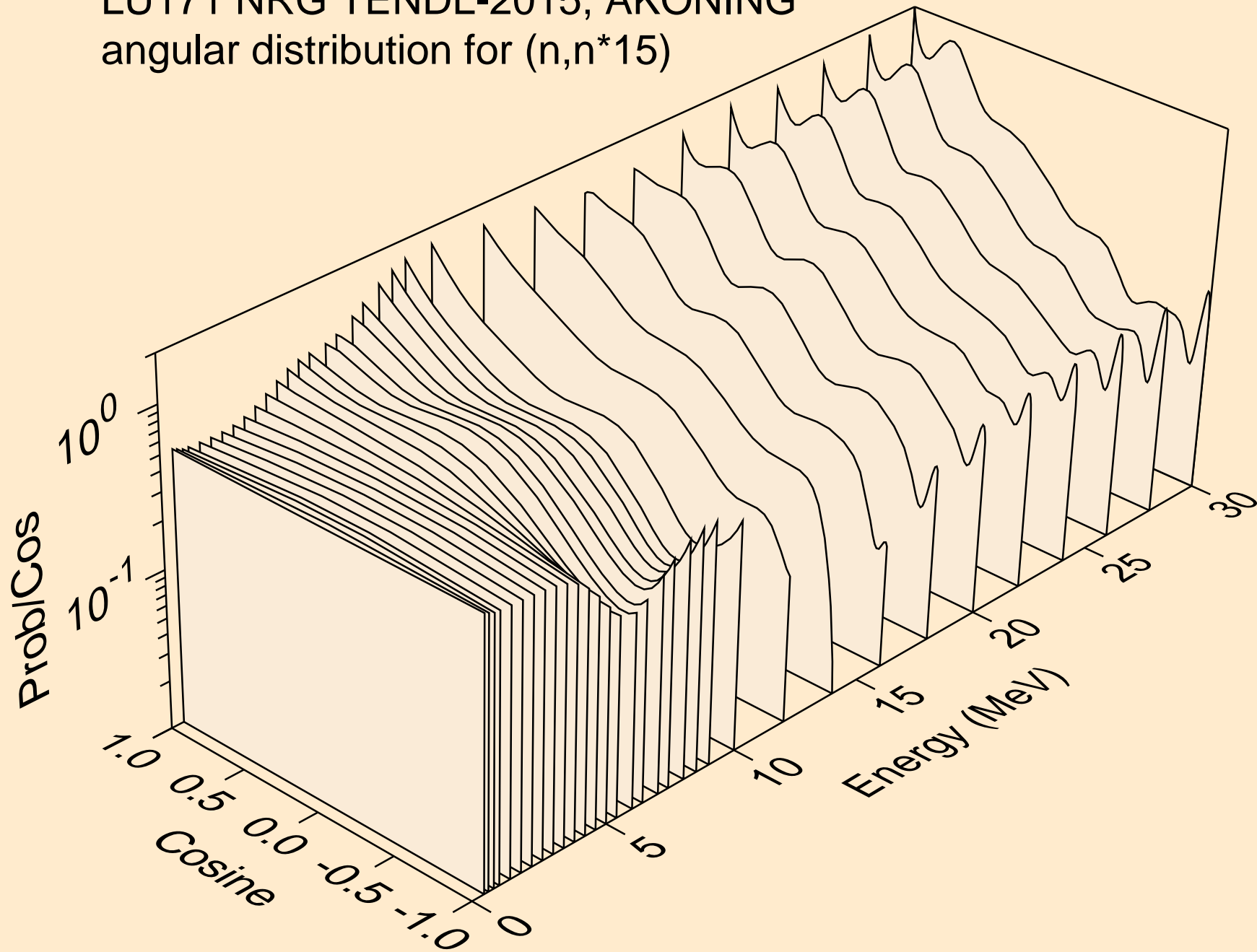


LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

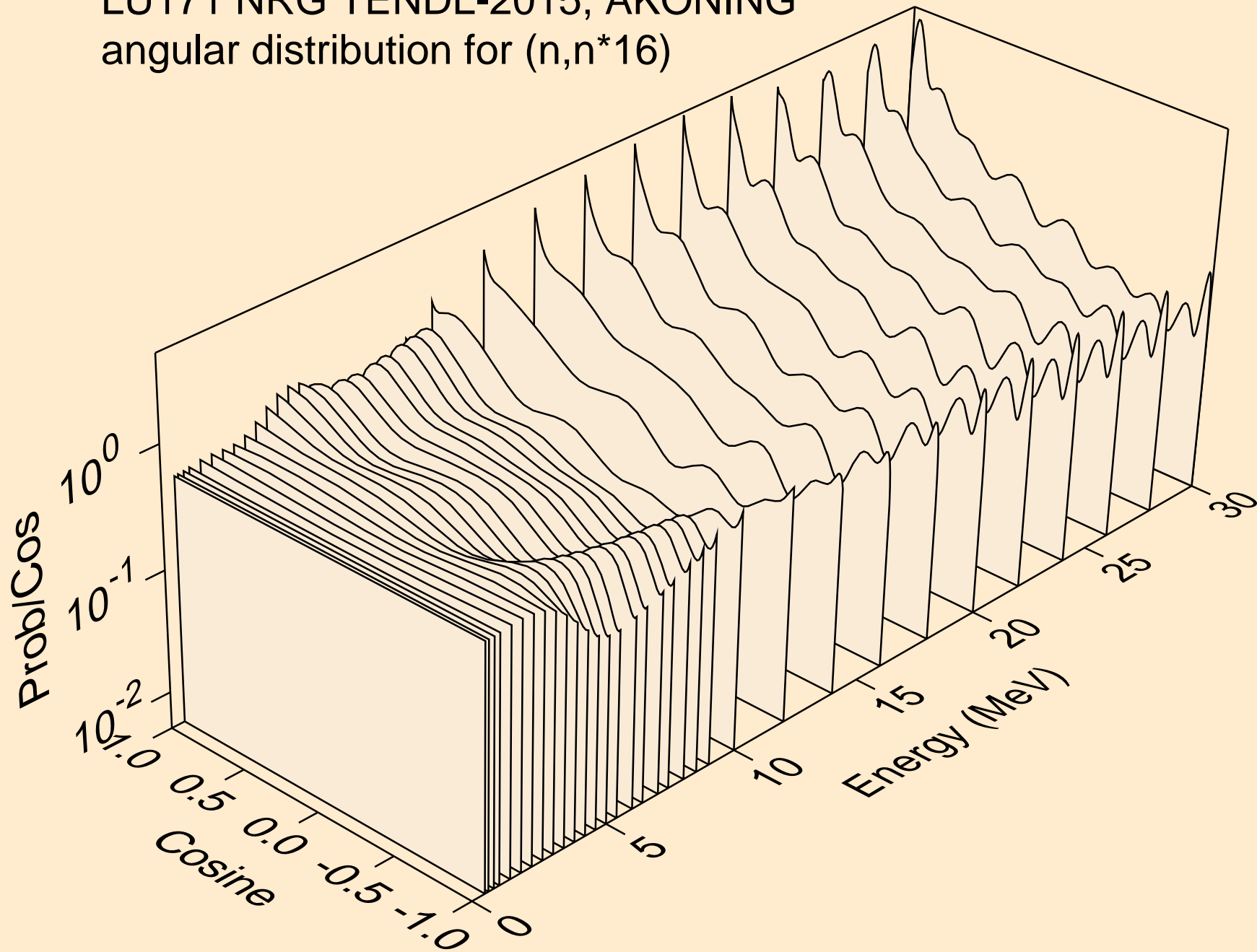




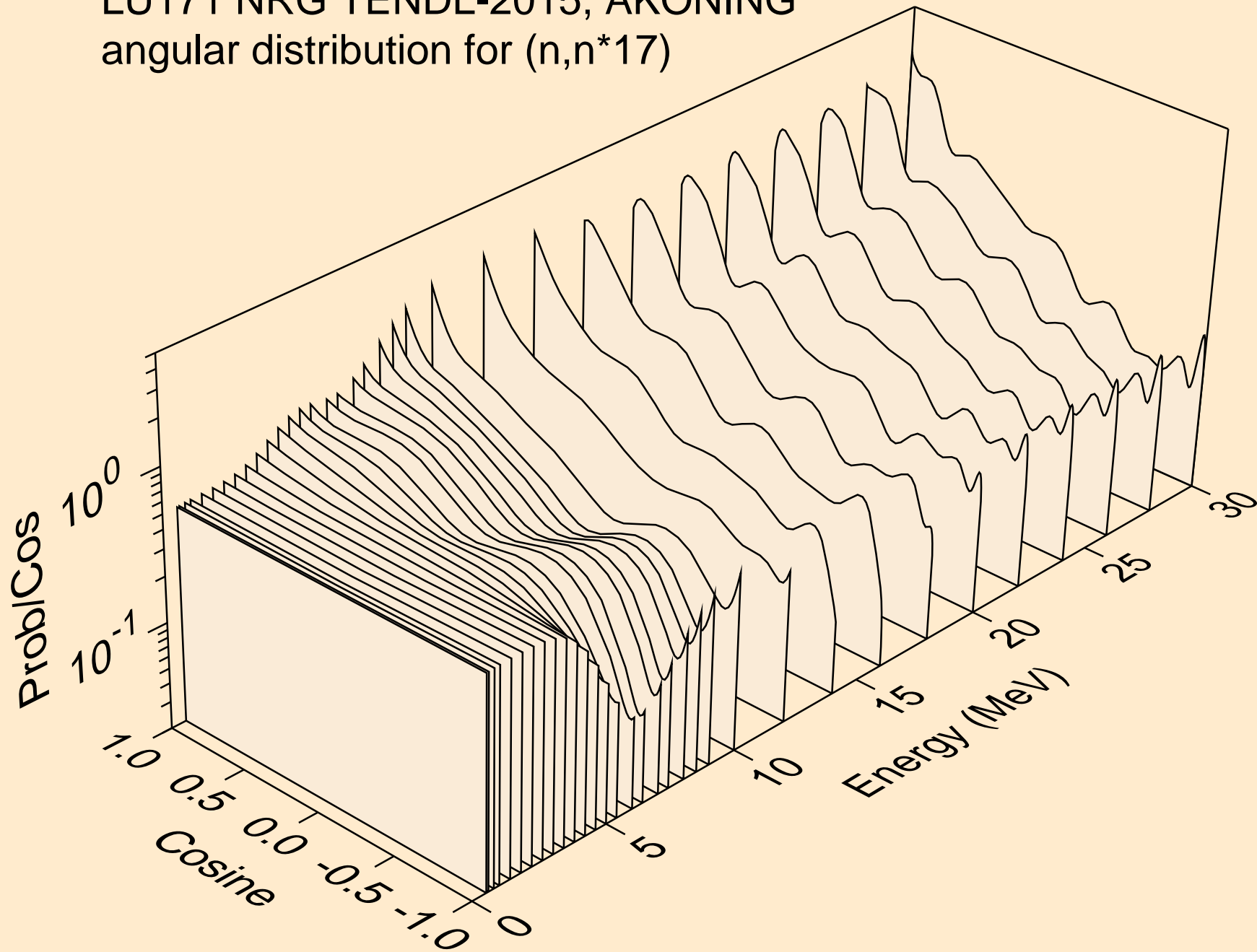
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



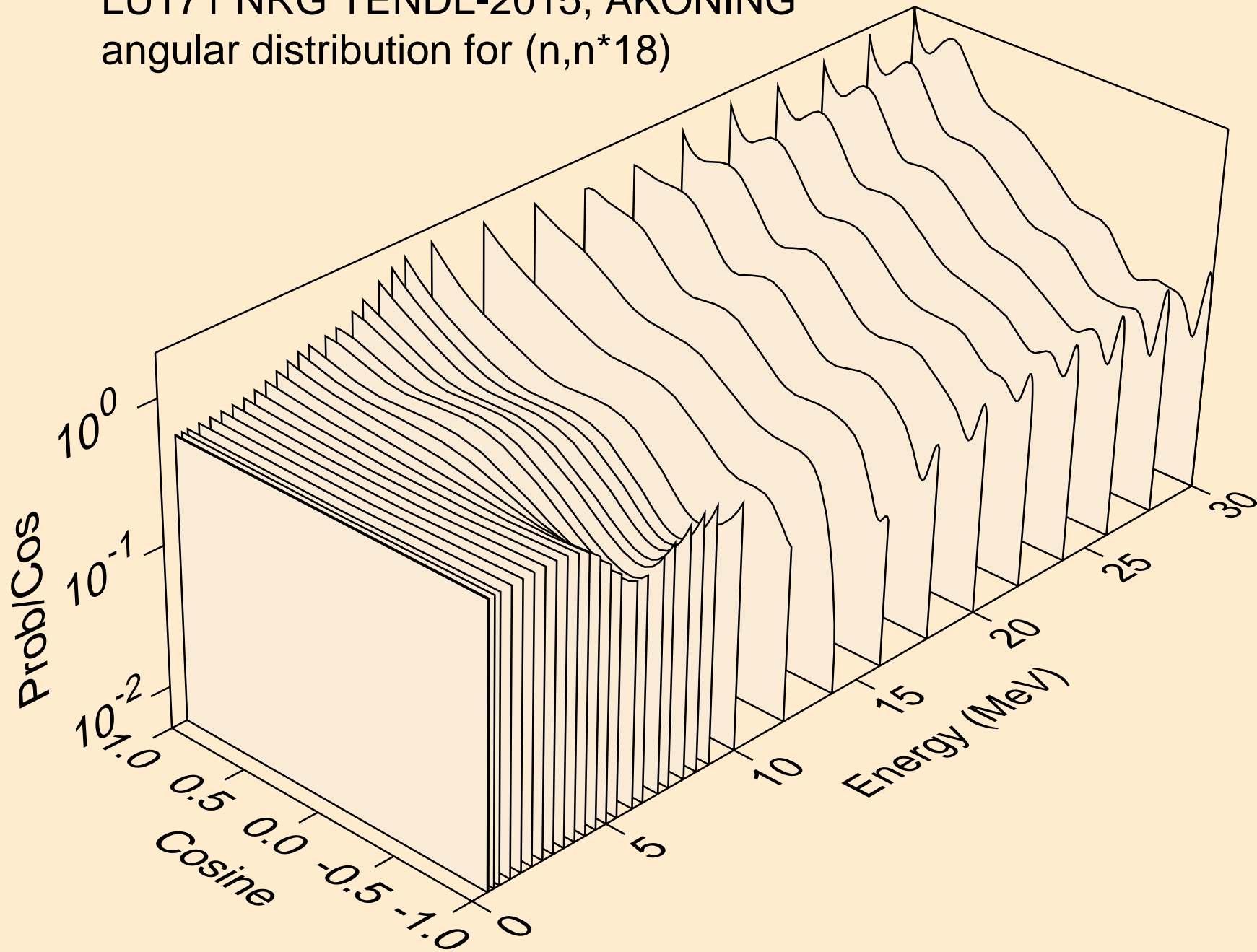
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



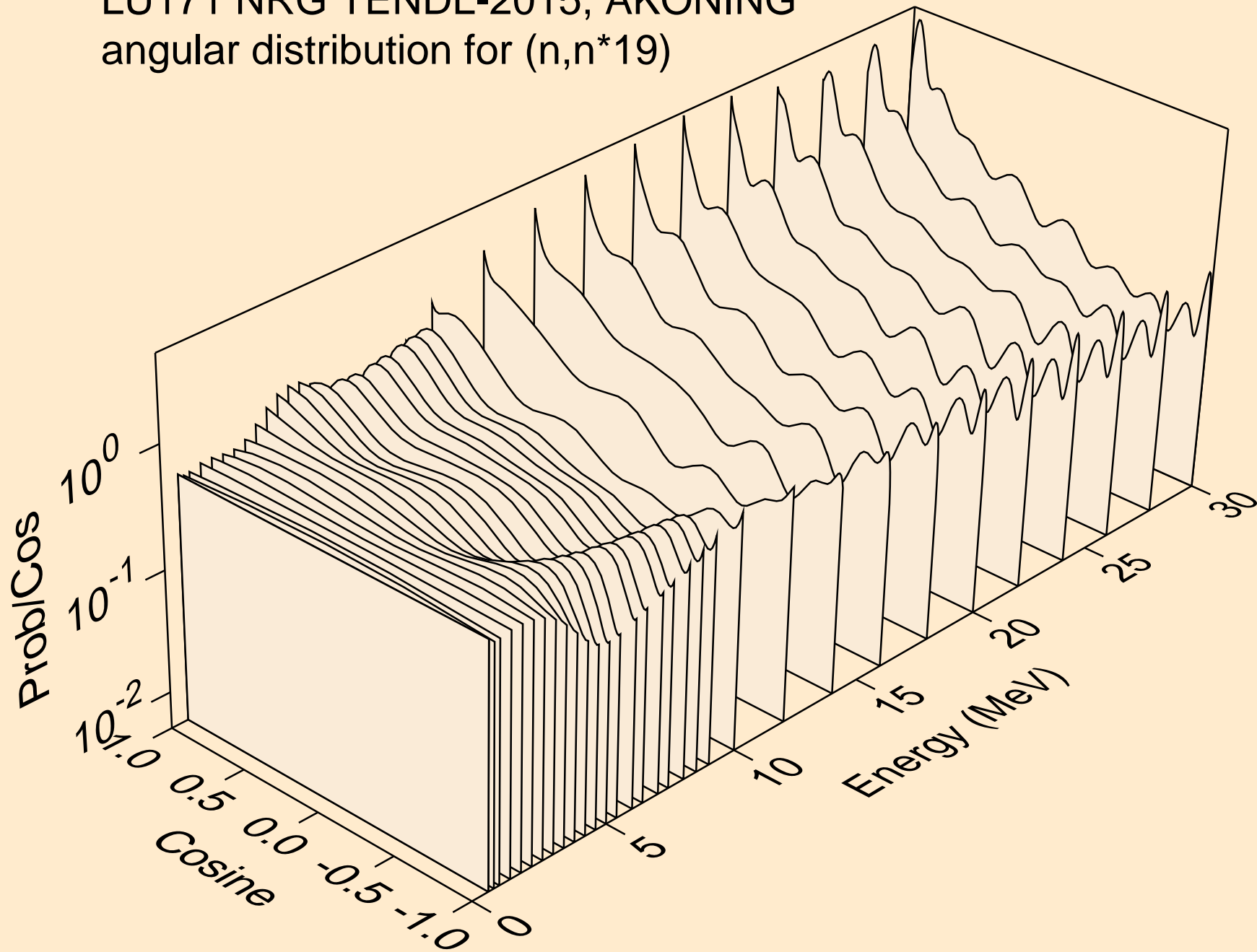
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



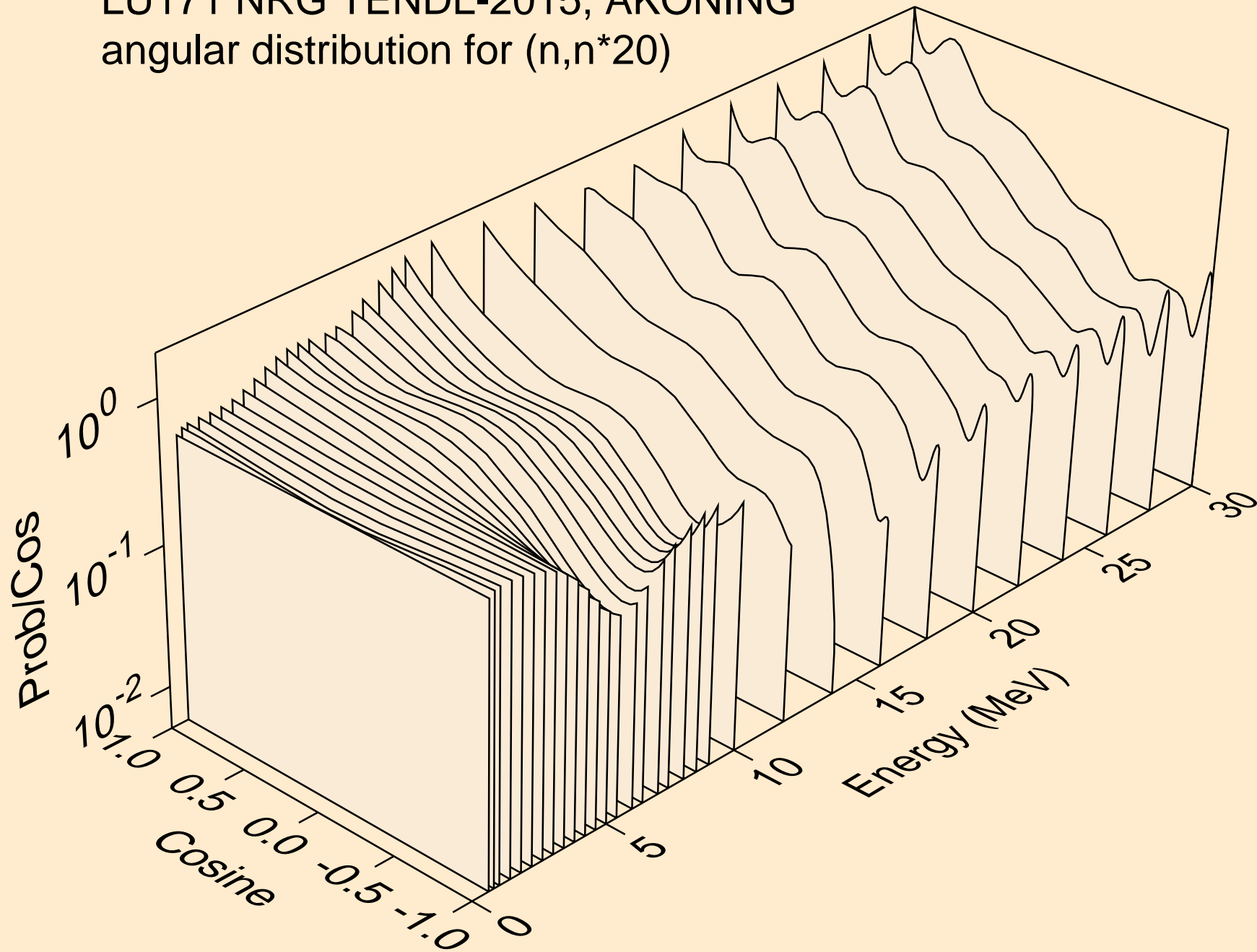
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



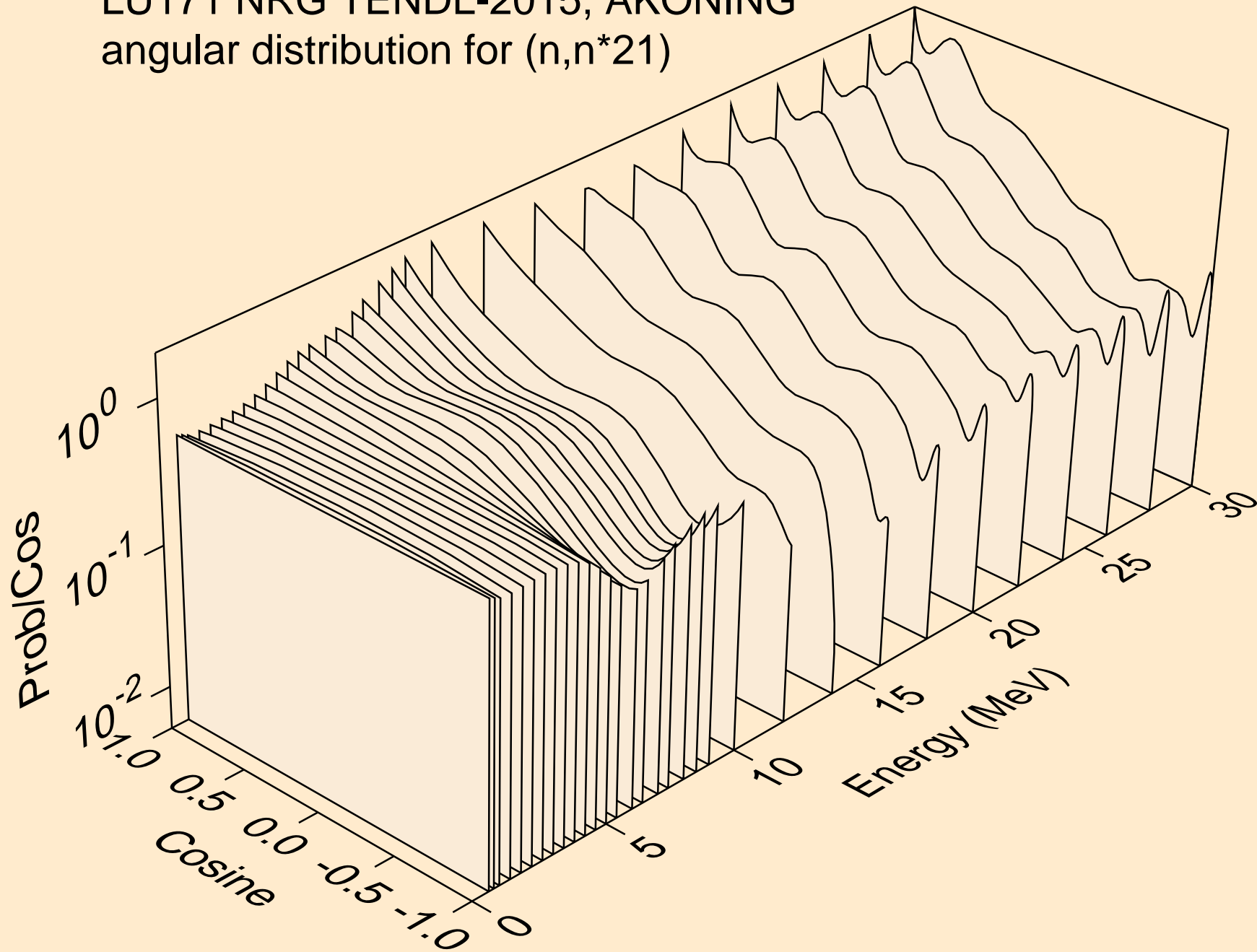
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



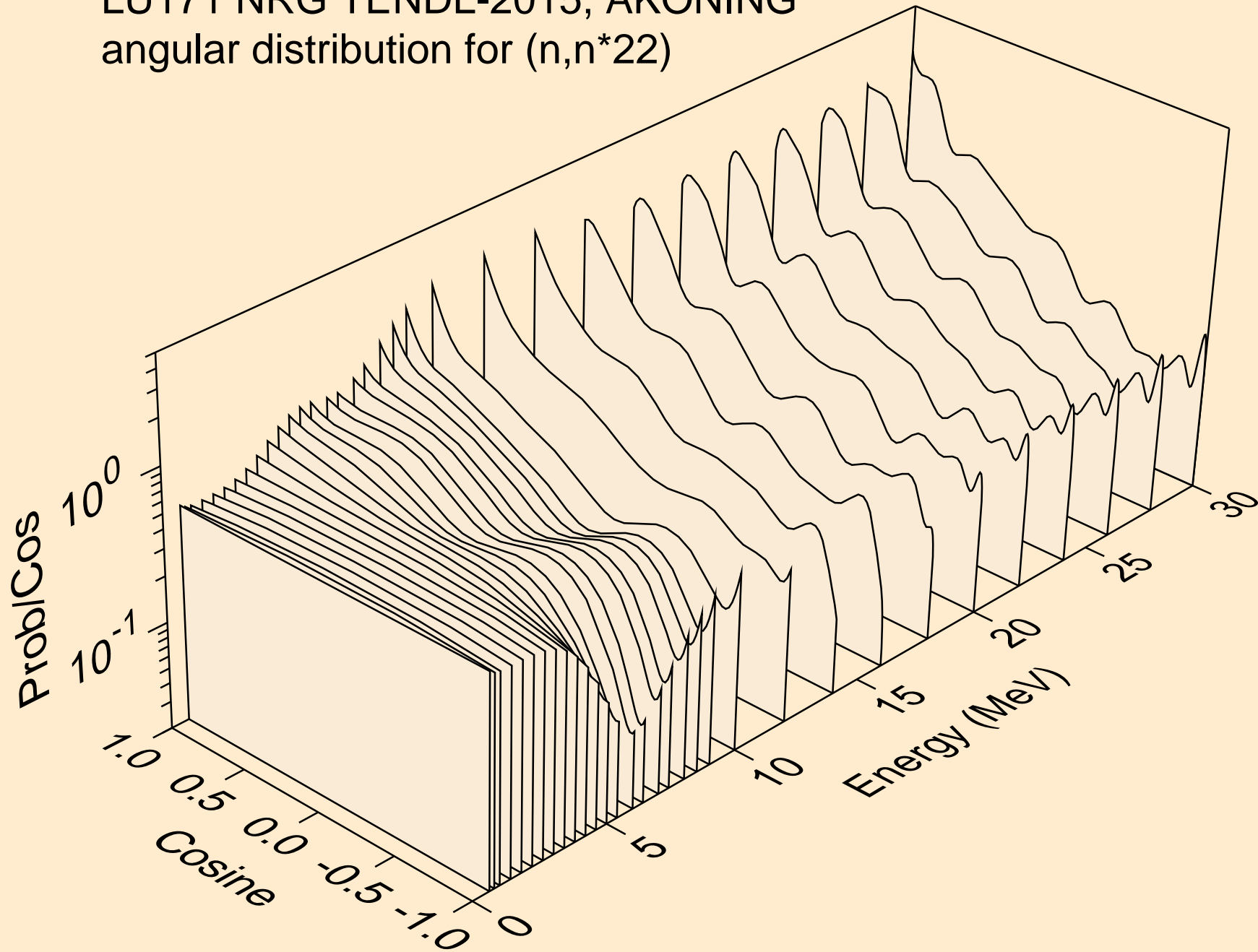
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

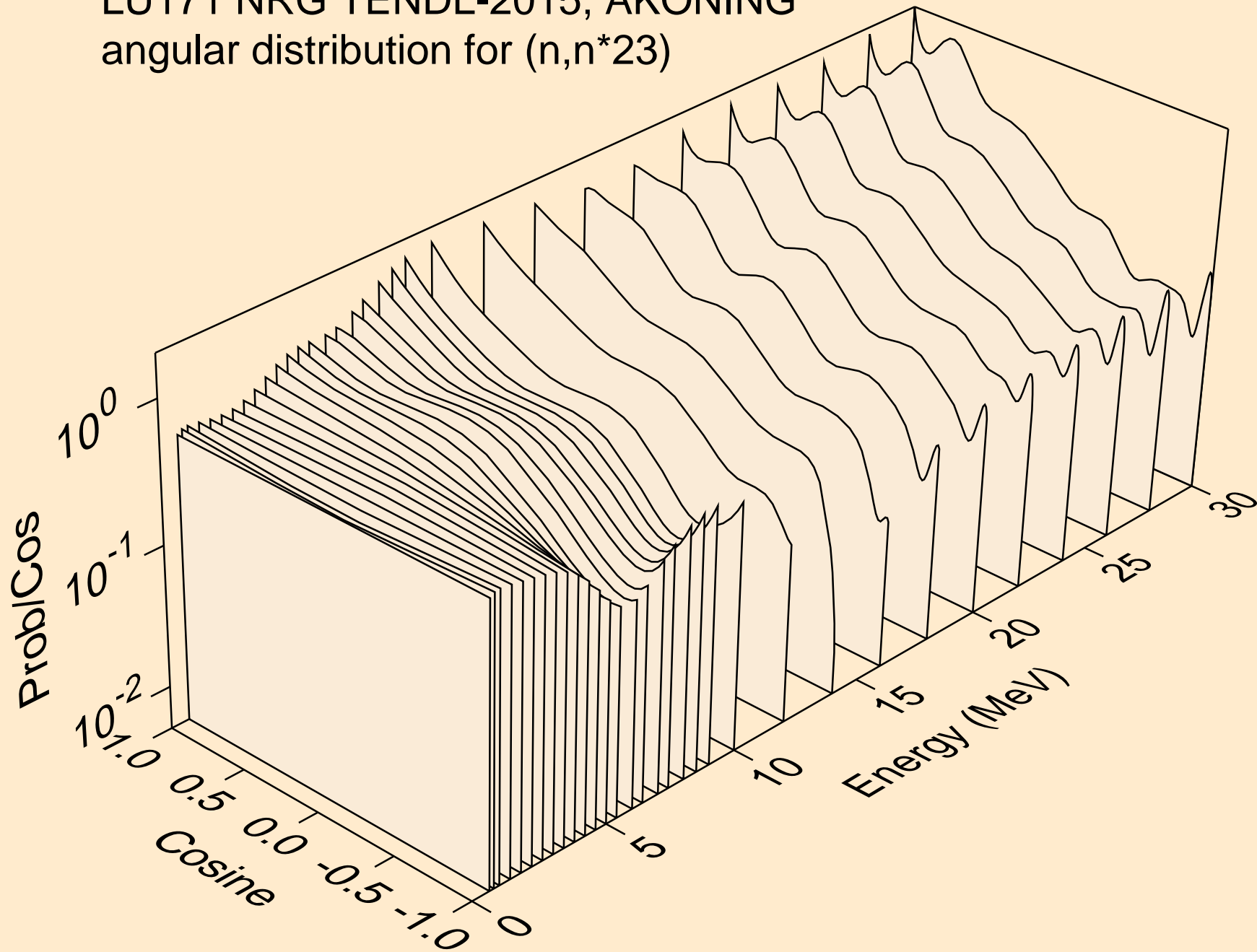


LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

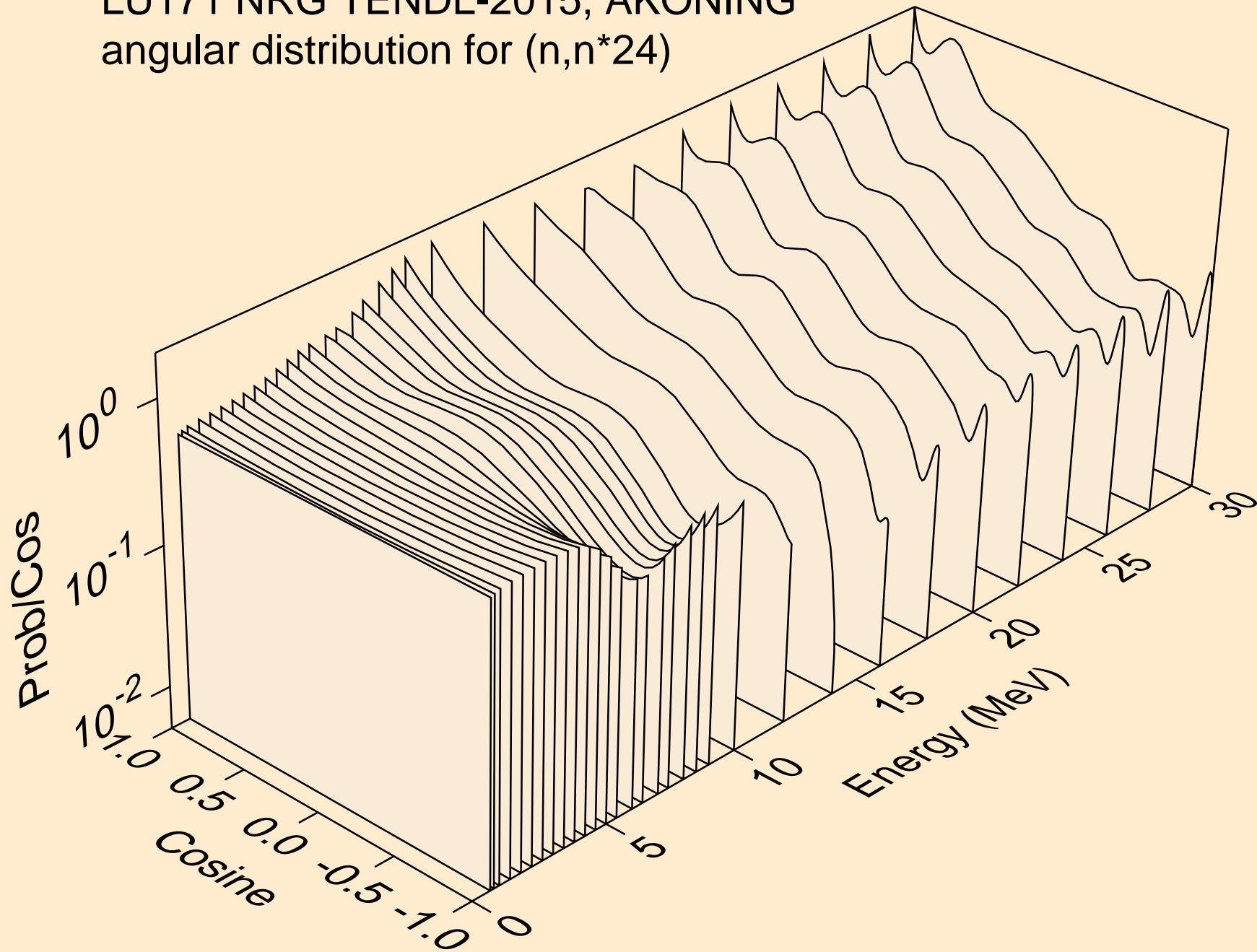




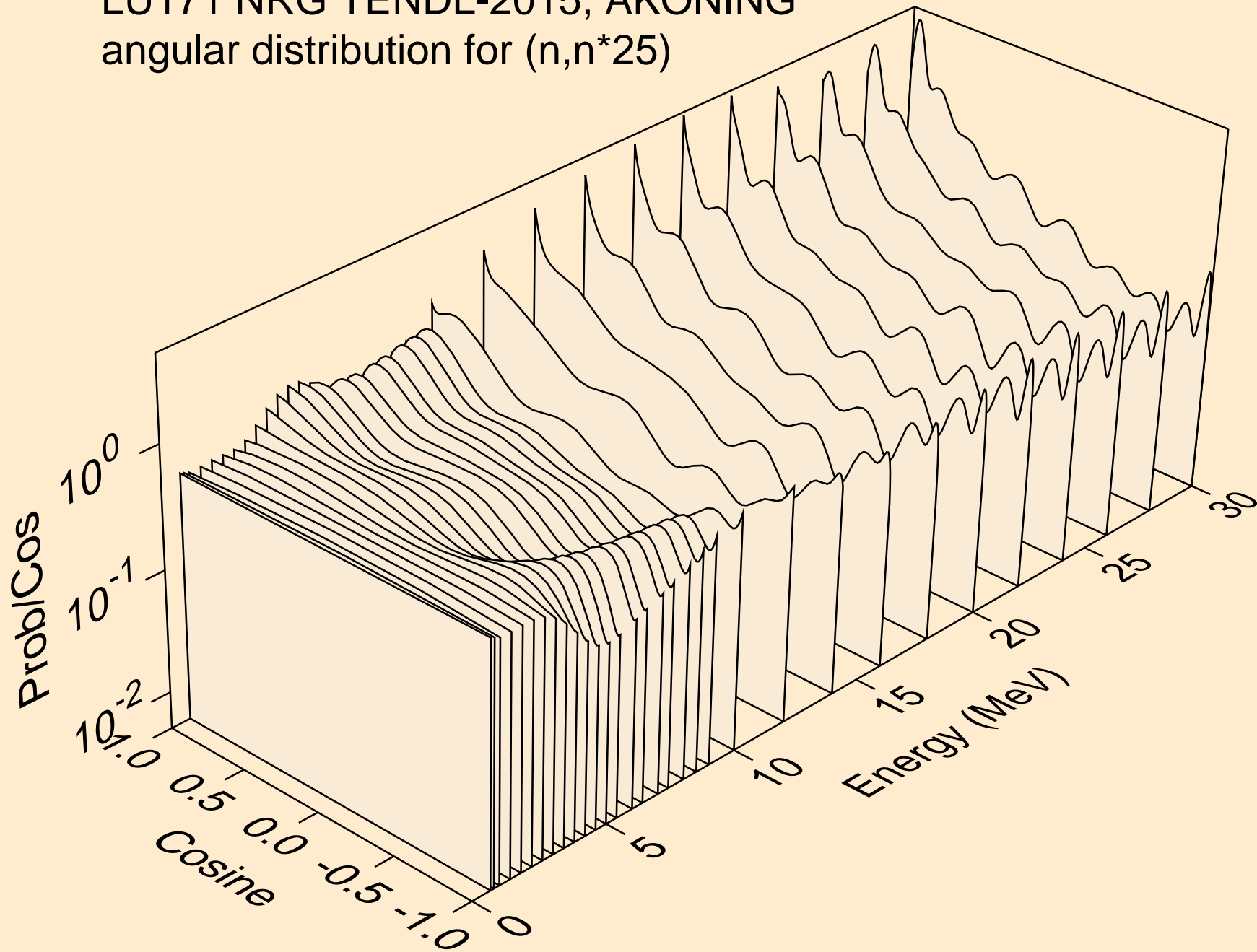
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



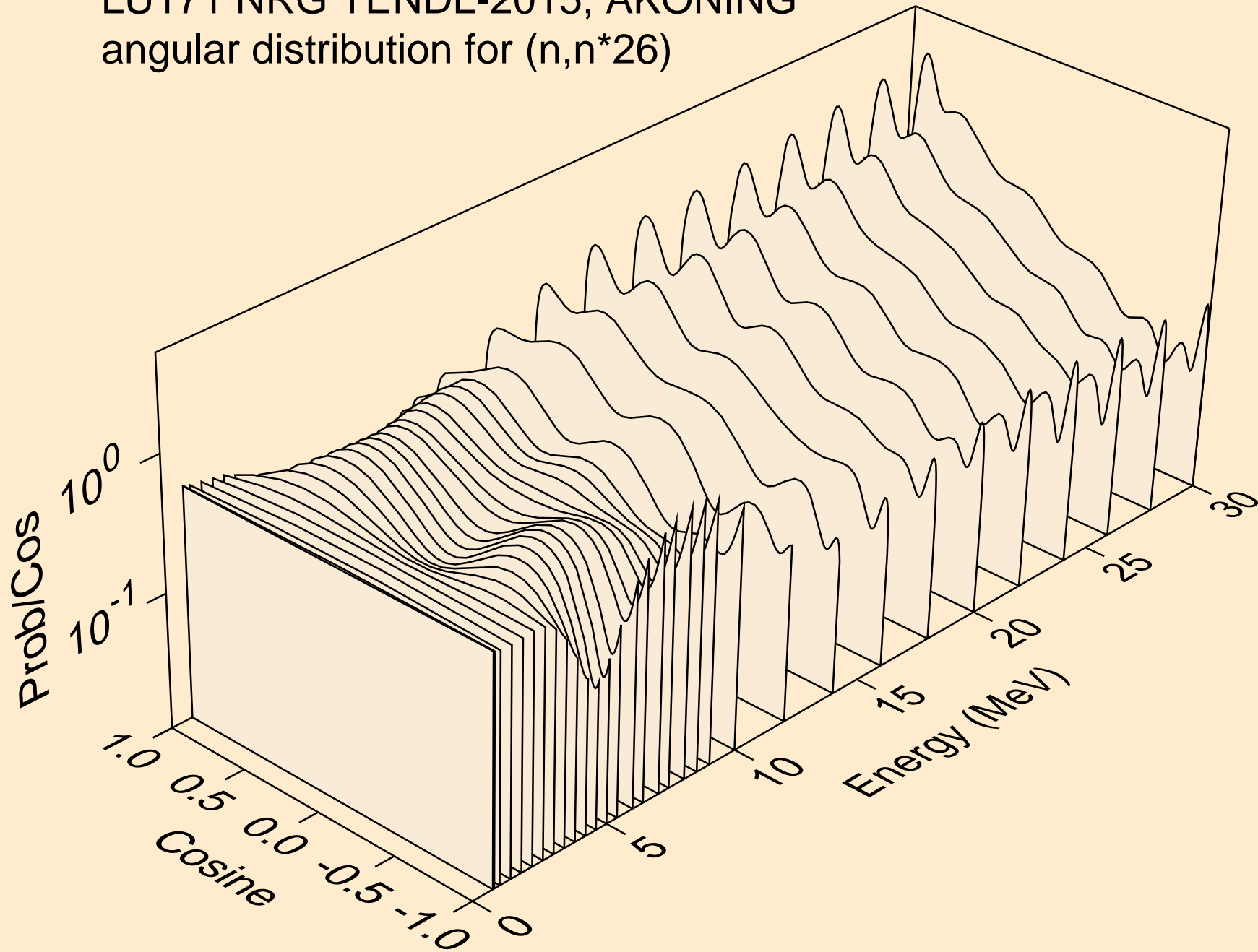
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



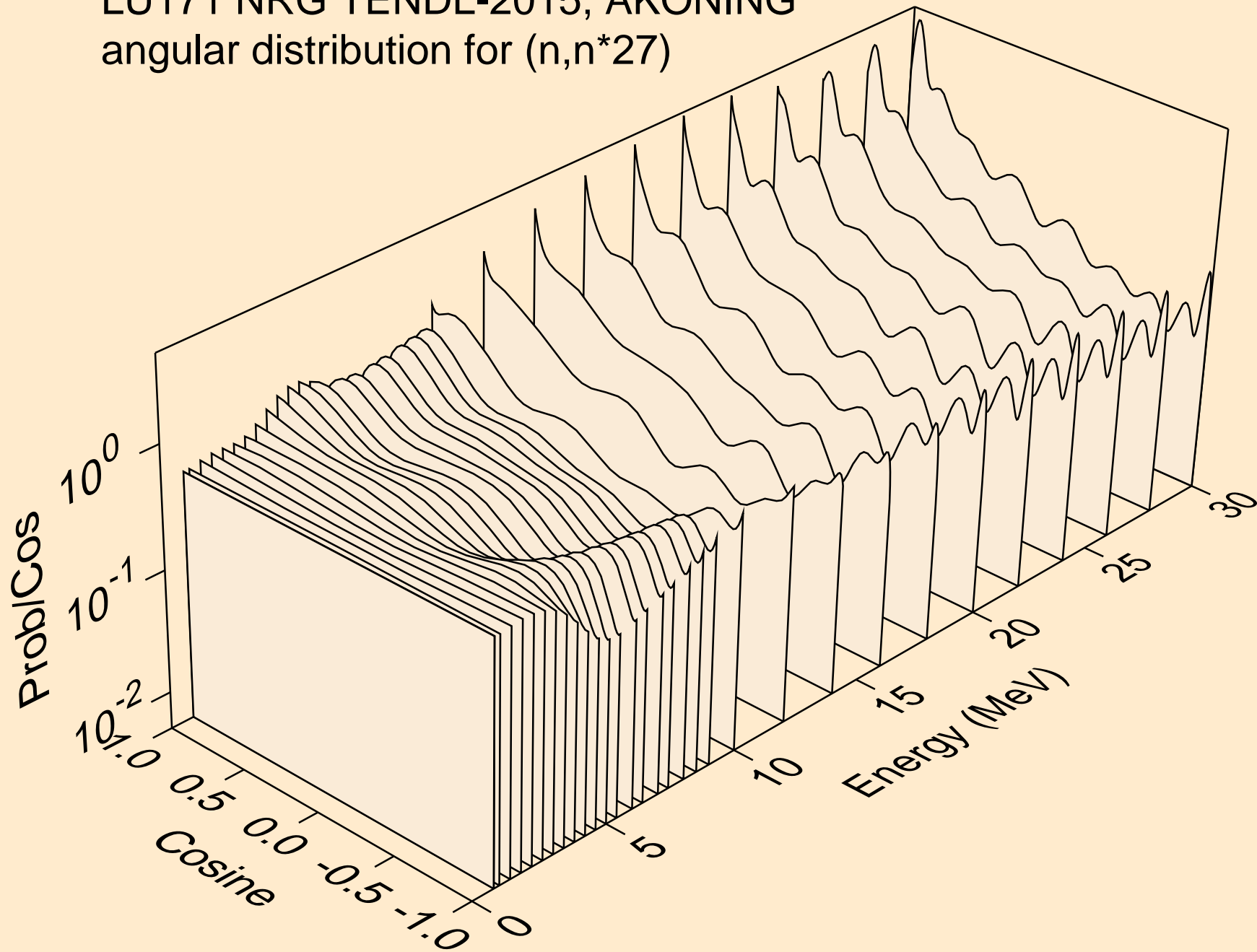
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



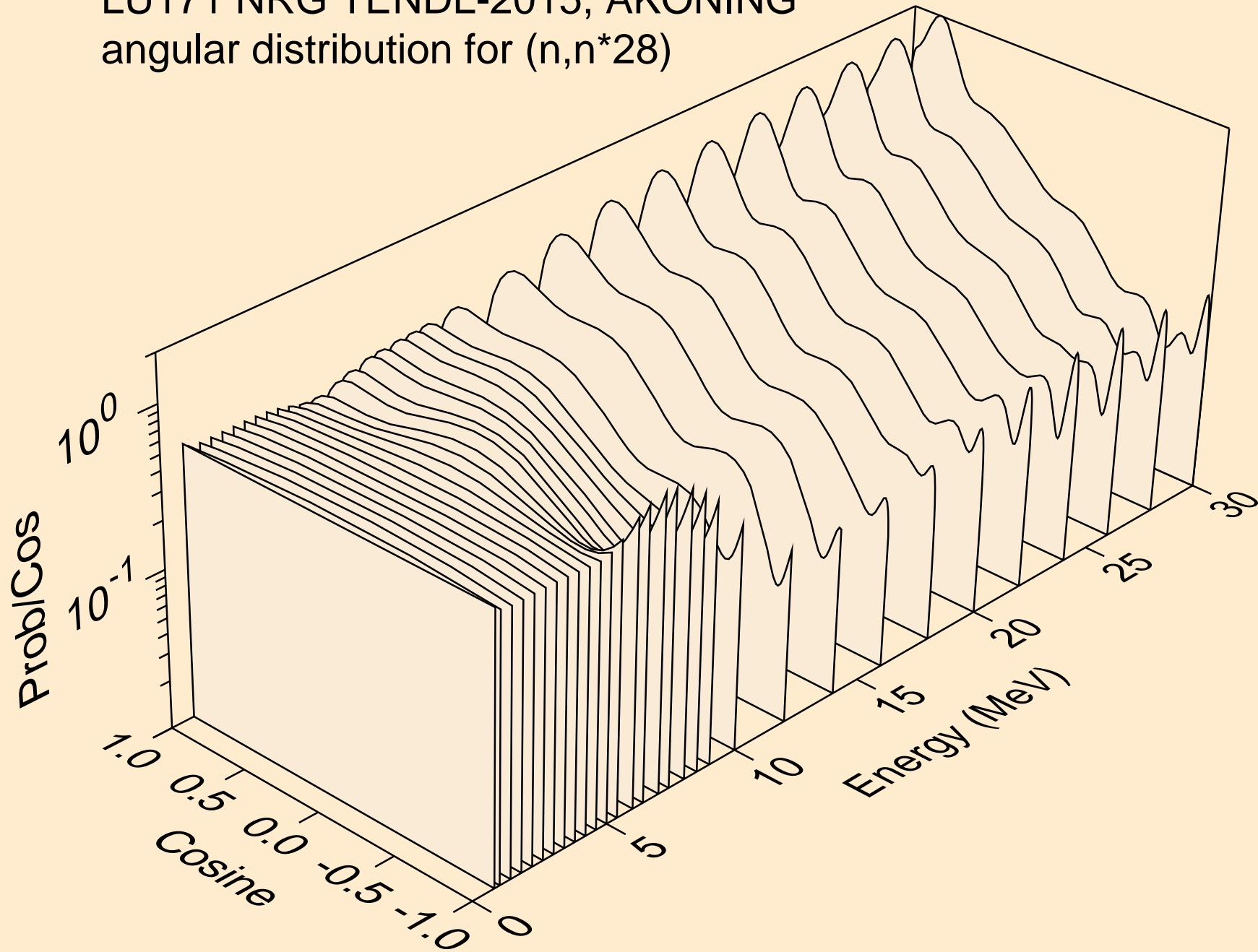
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



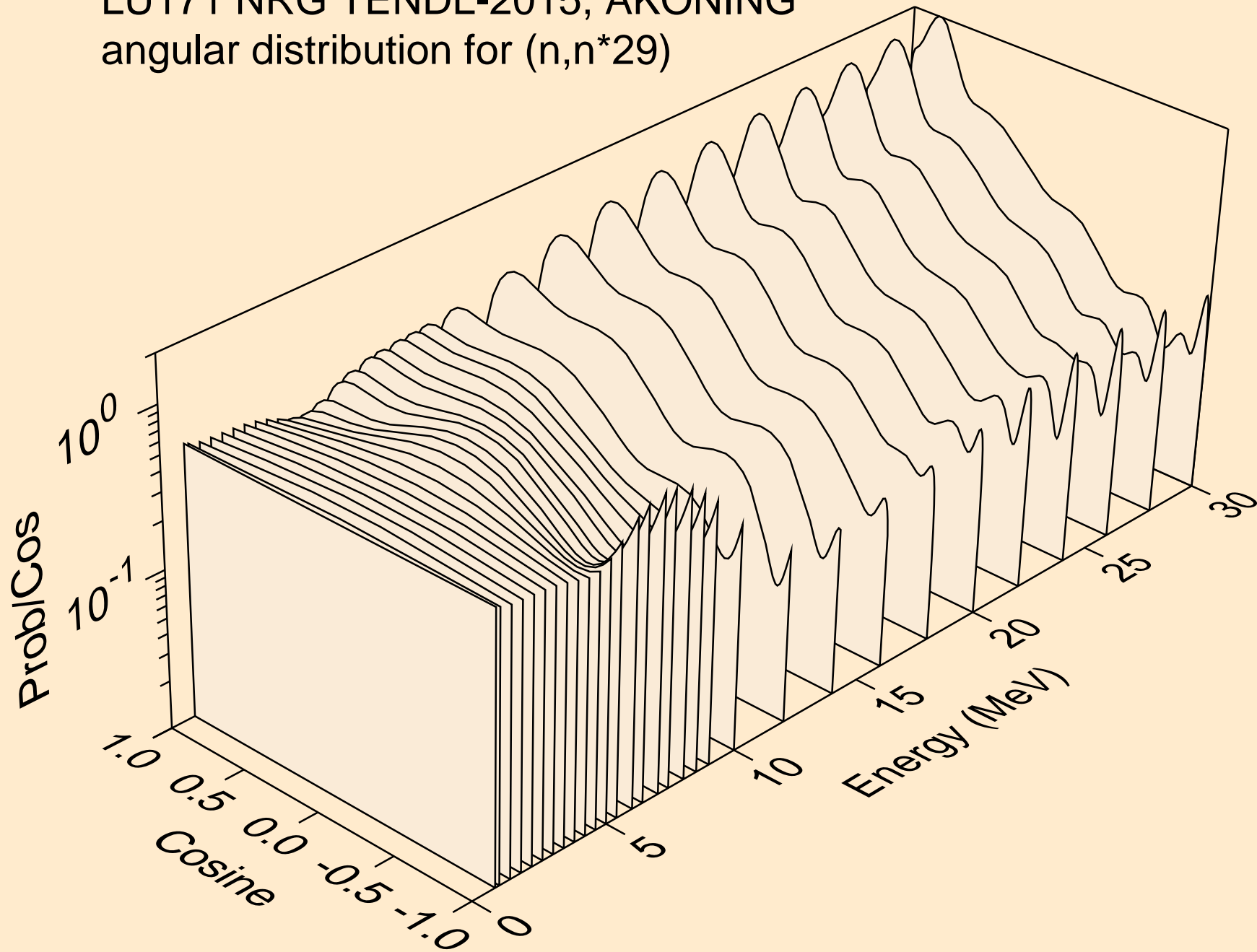
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



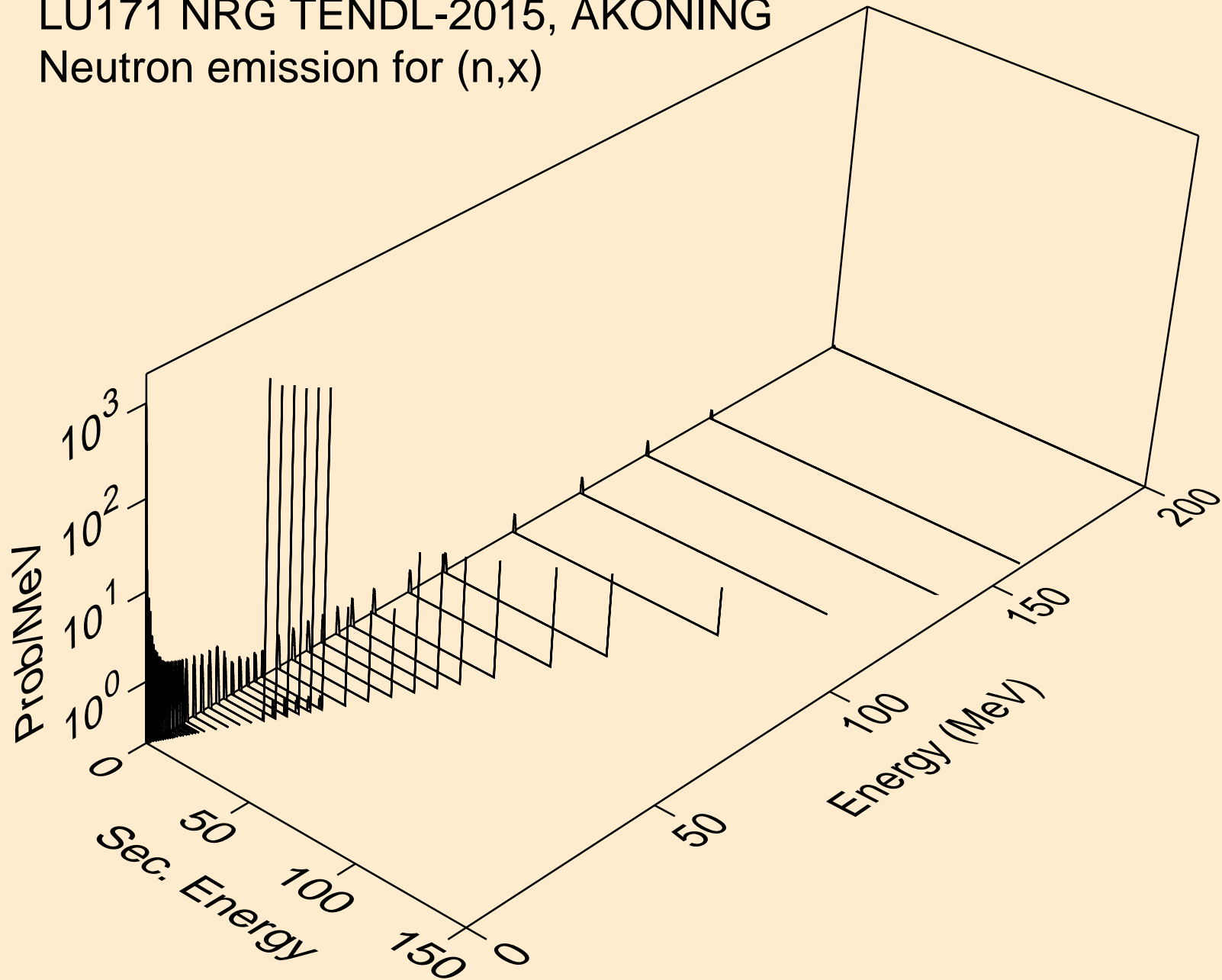
LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



LU171 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

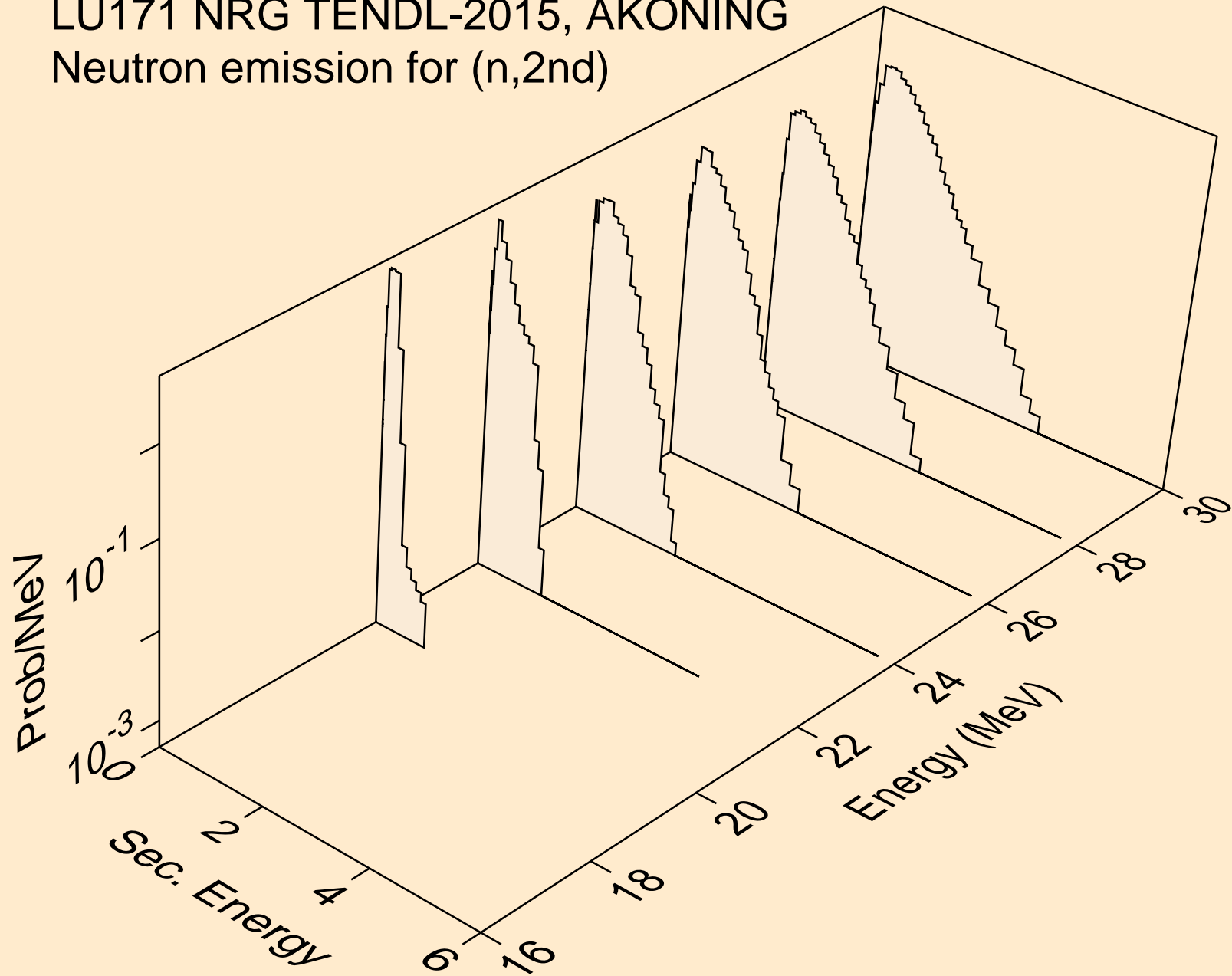


LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

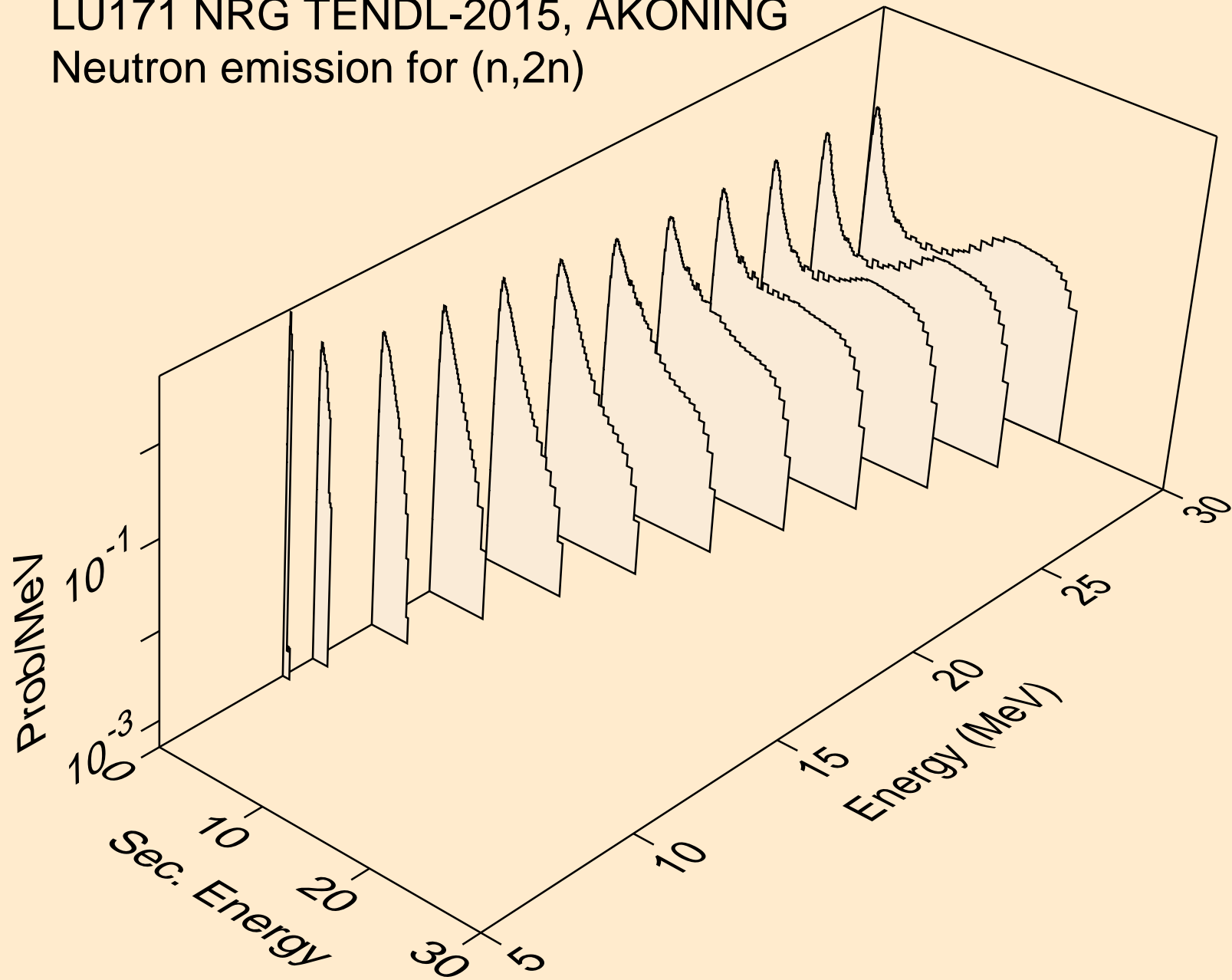




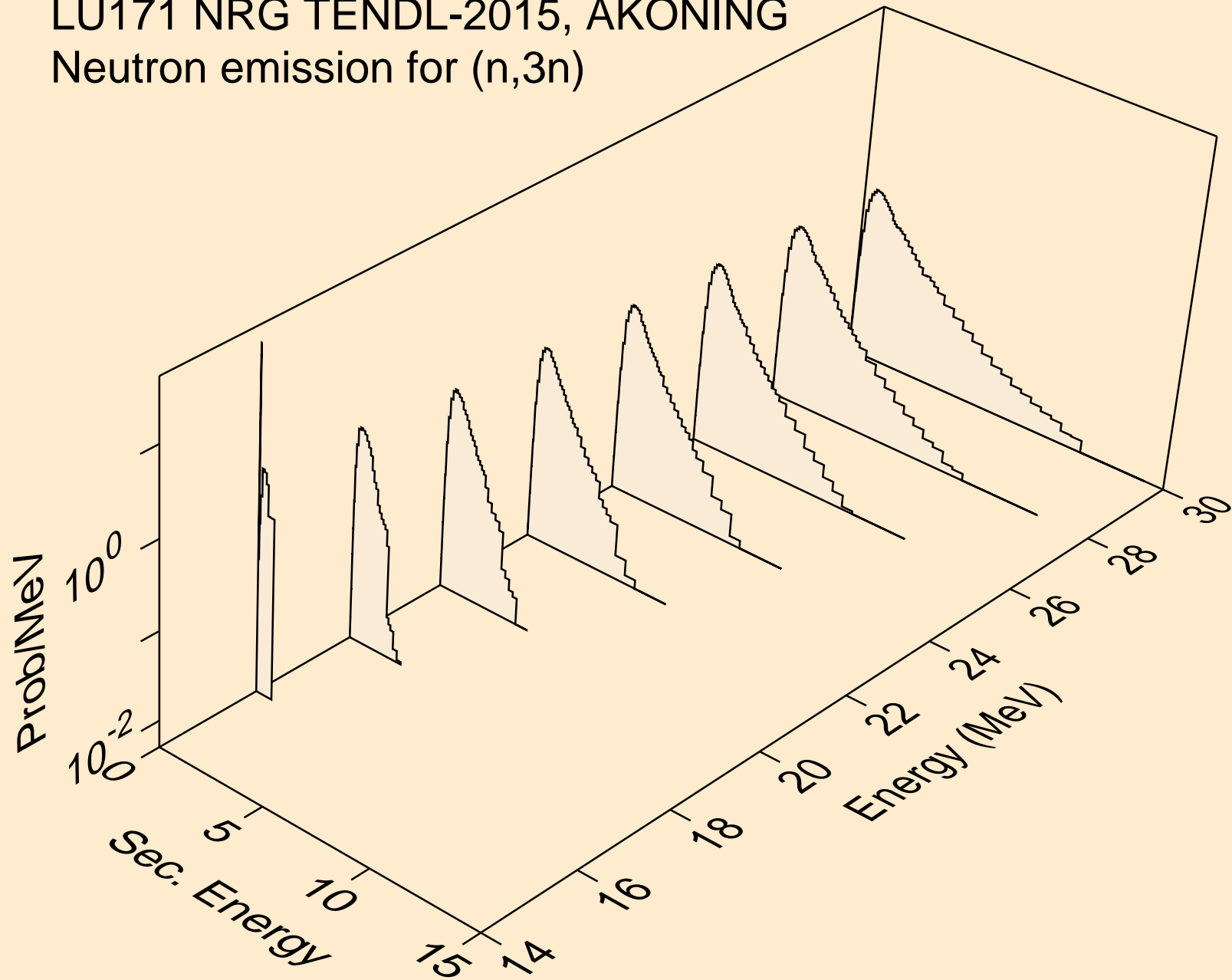
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



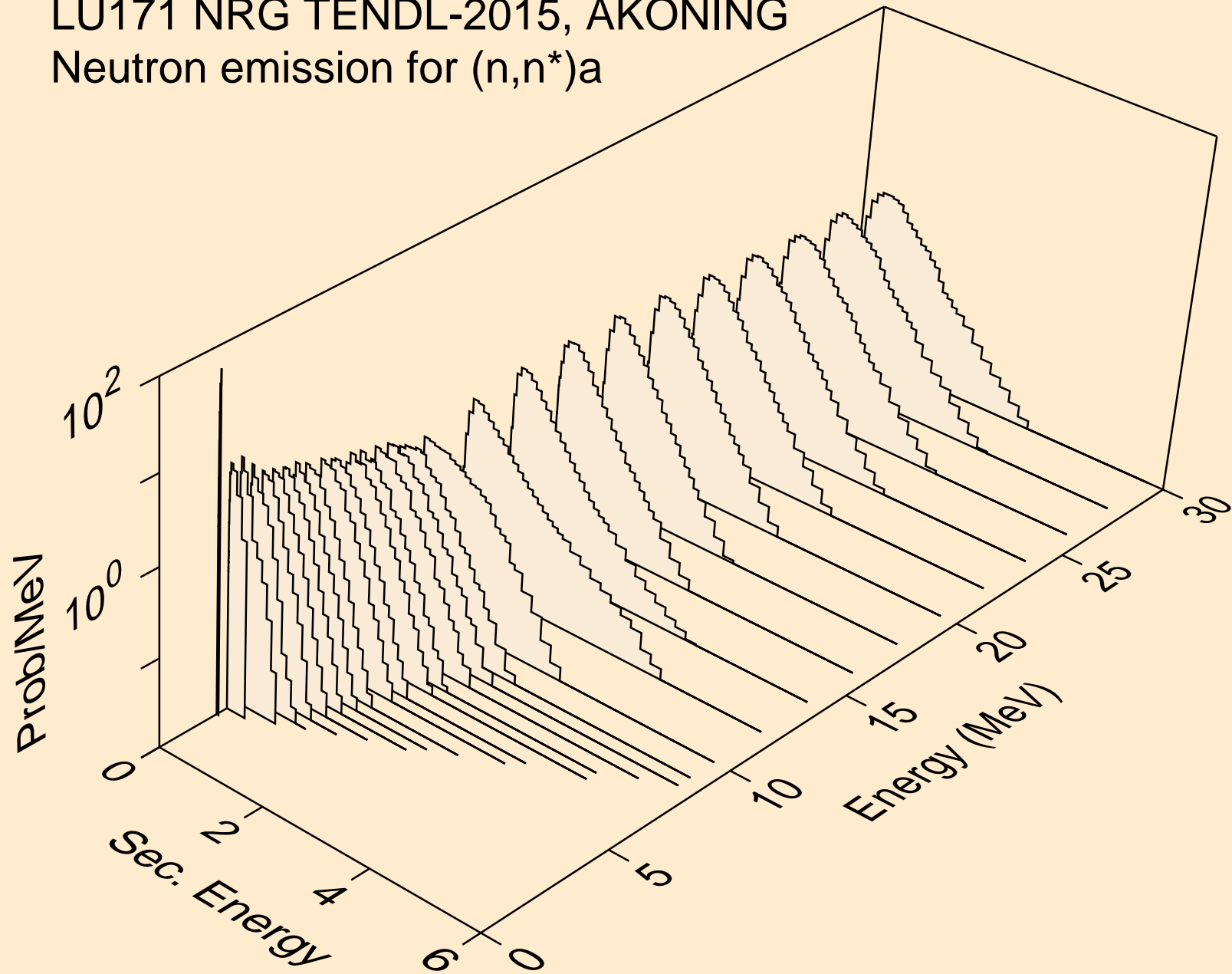
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



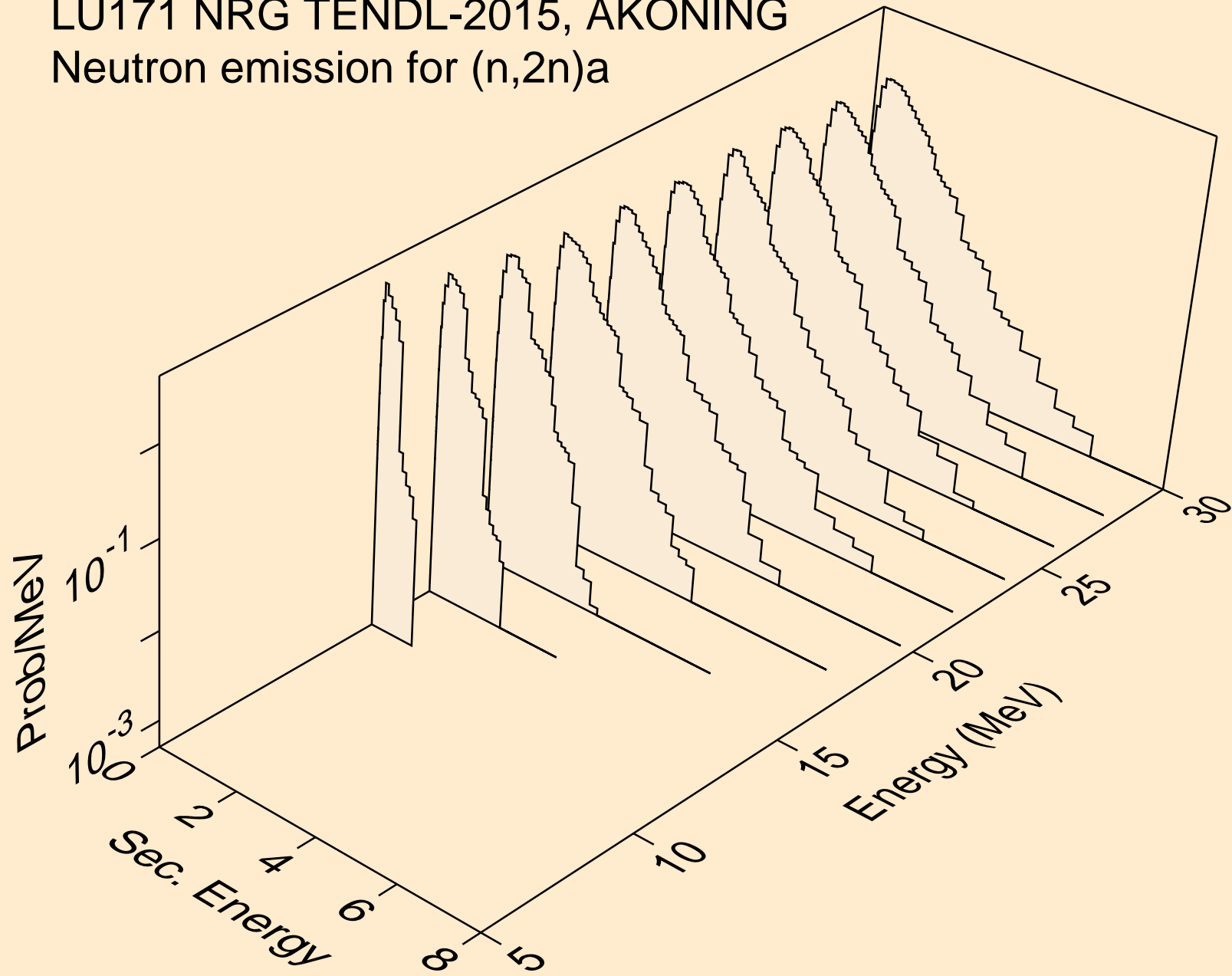
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



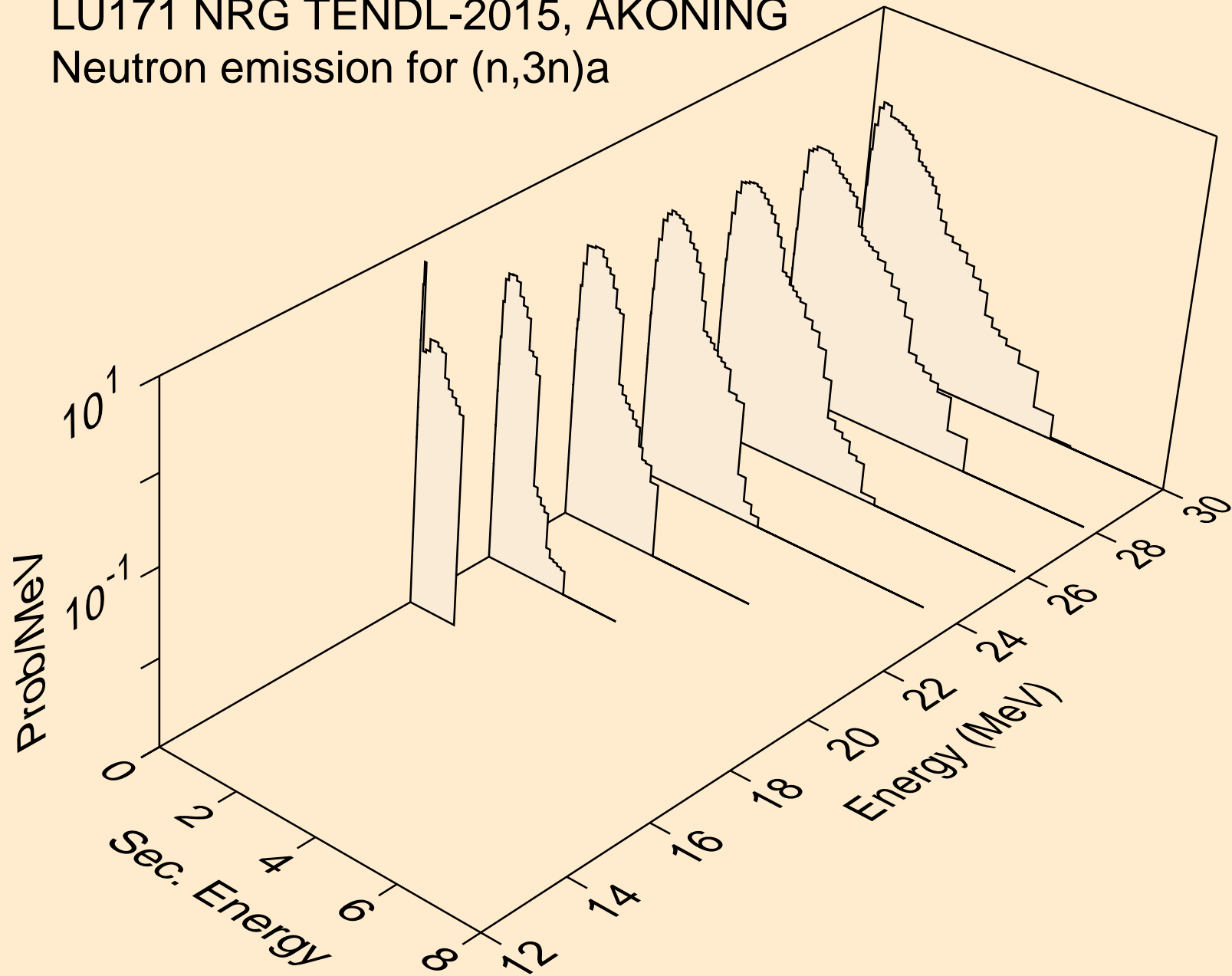
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



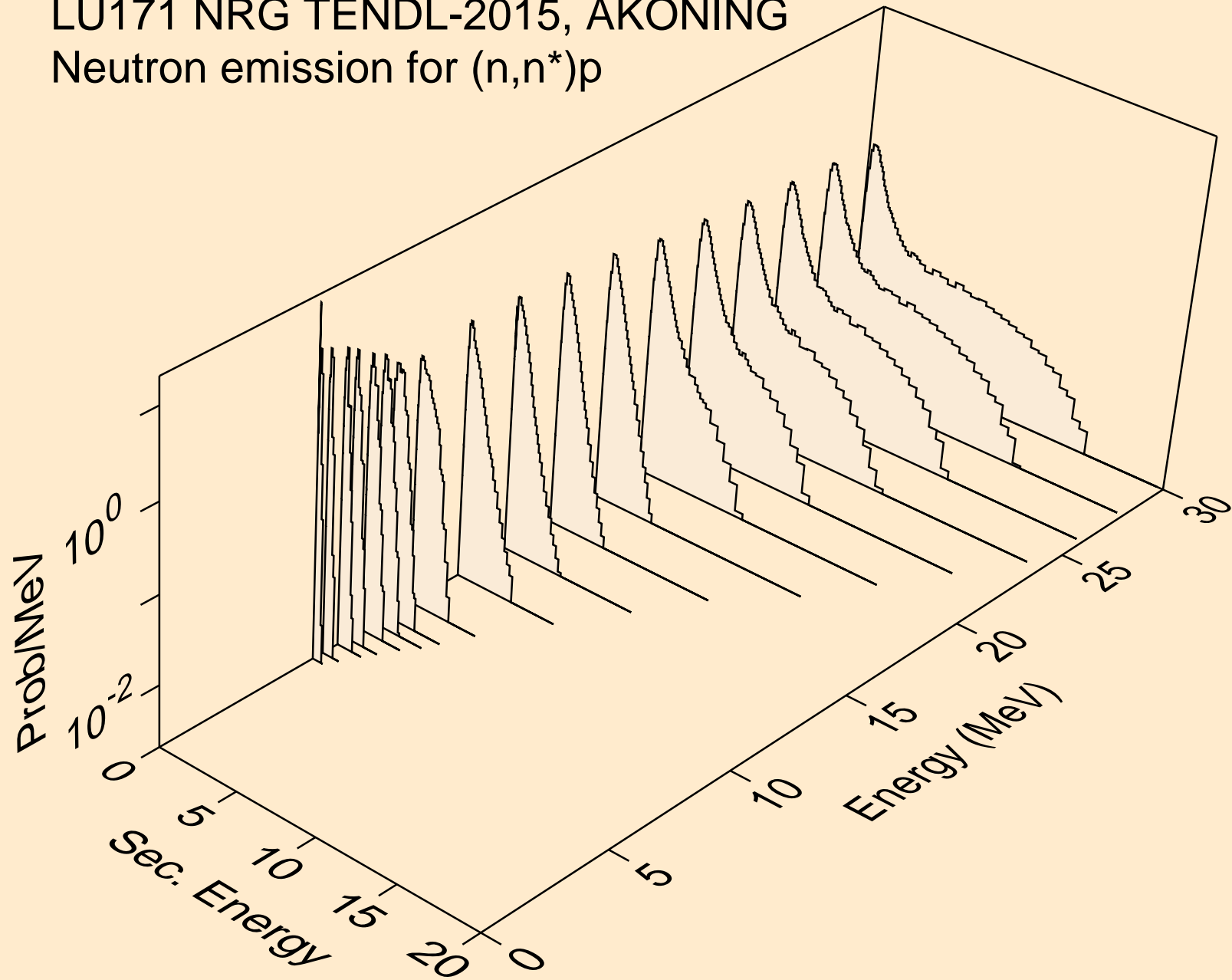
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



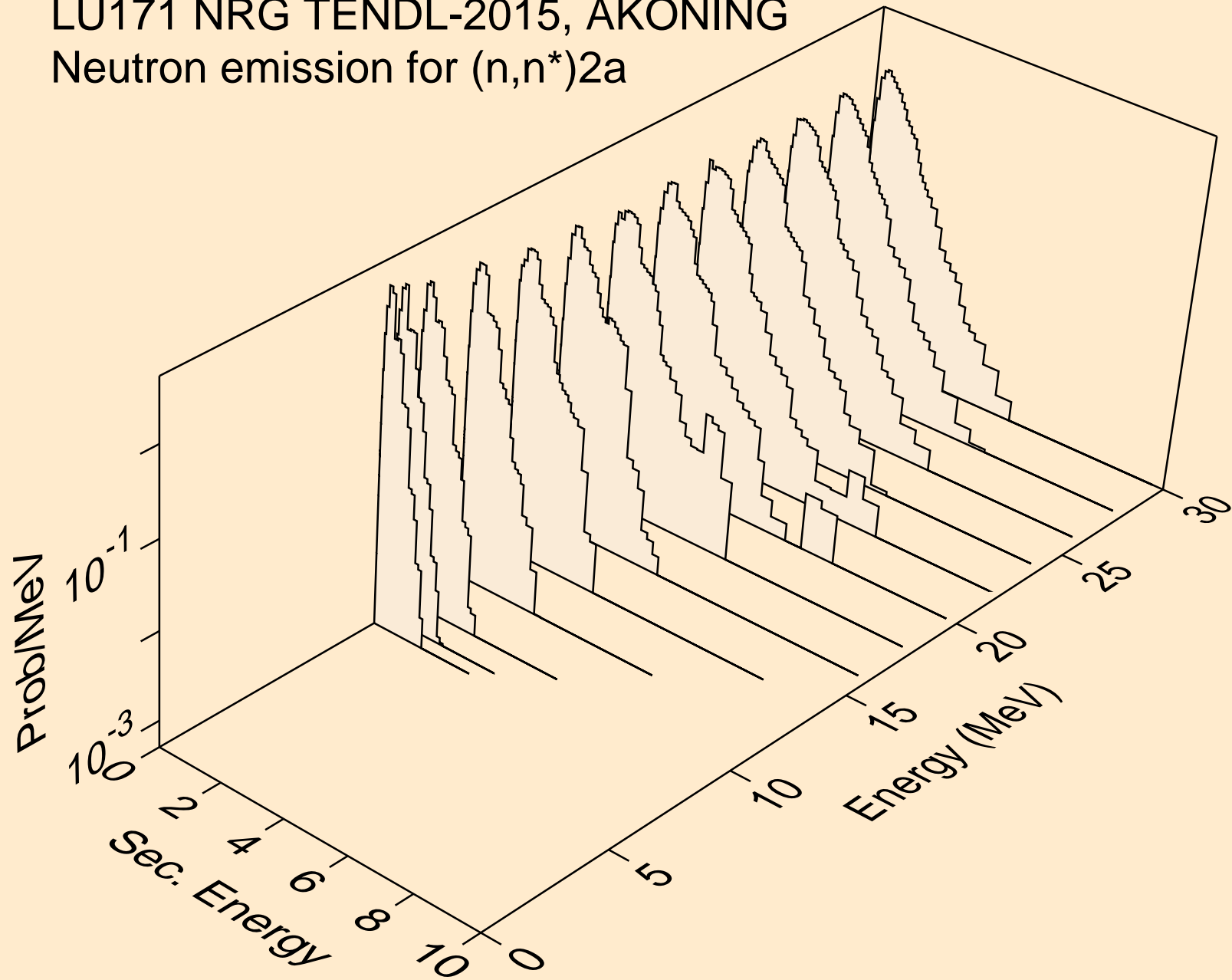
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

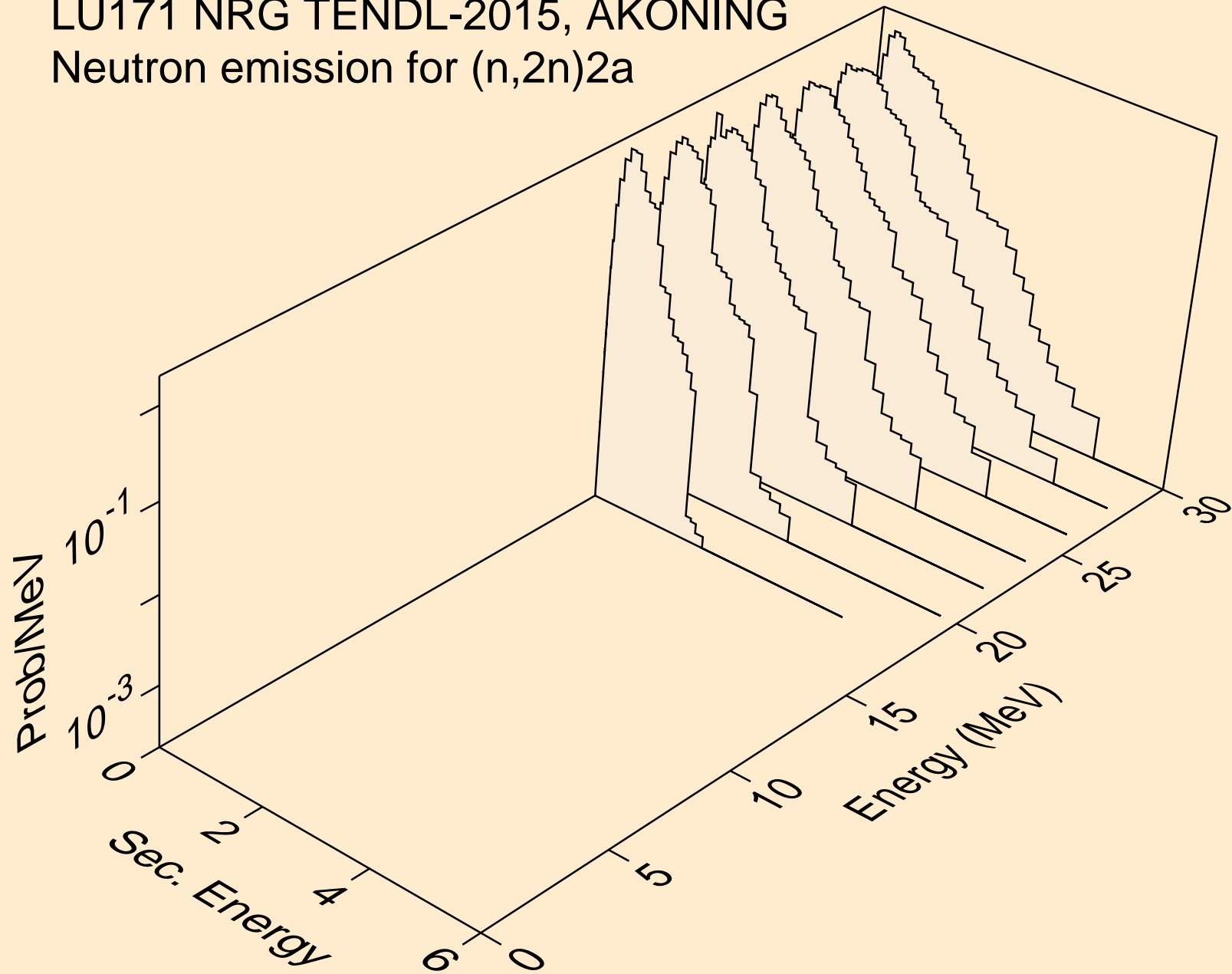


LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

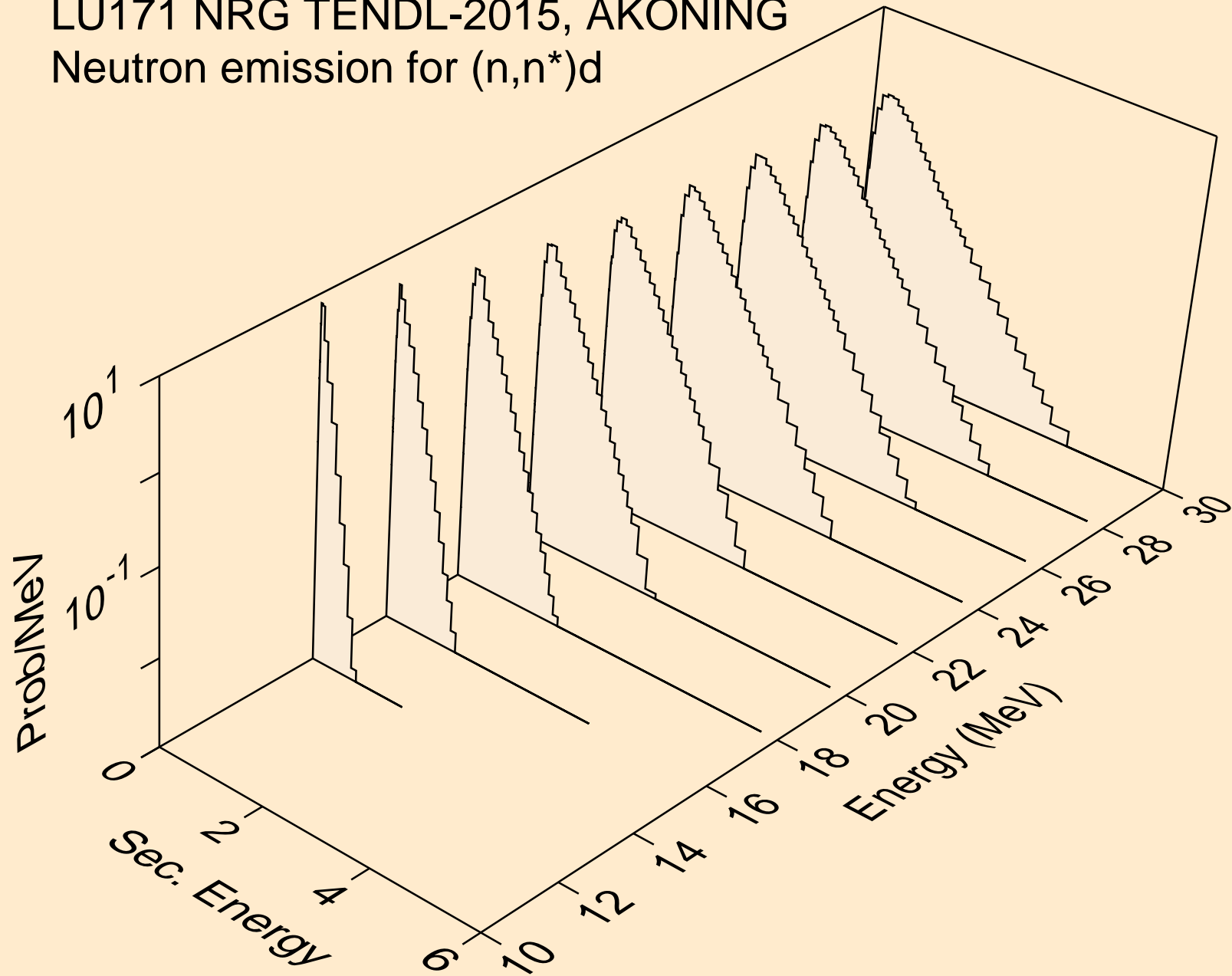




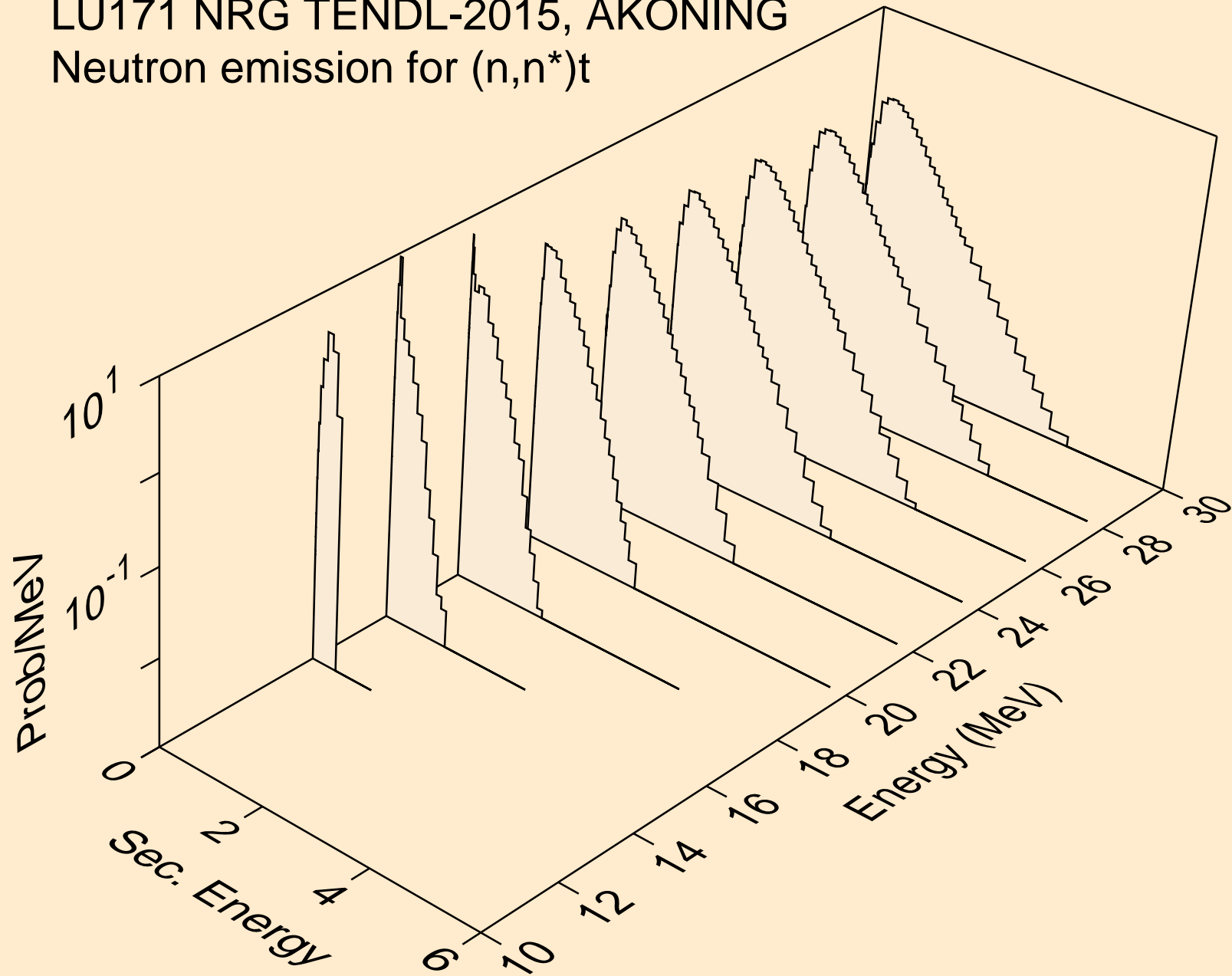
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



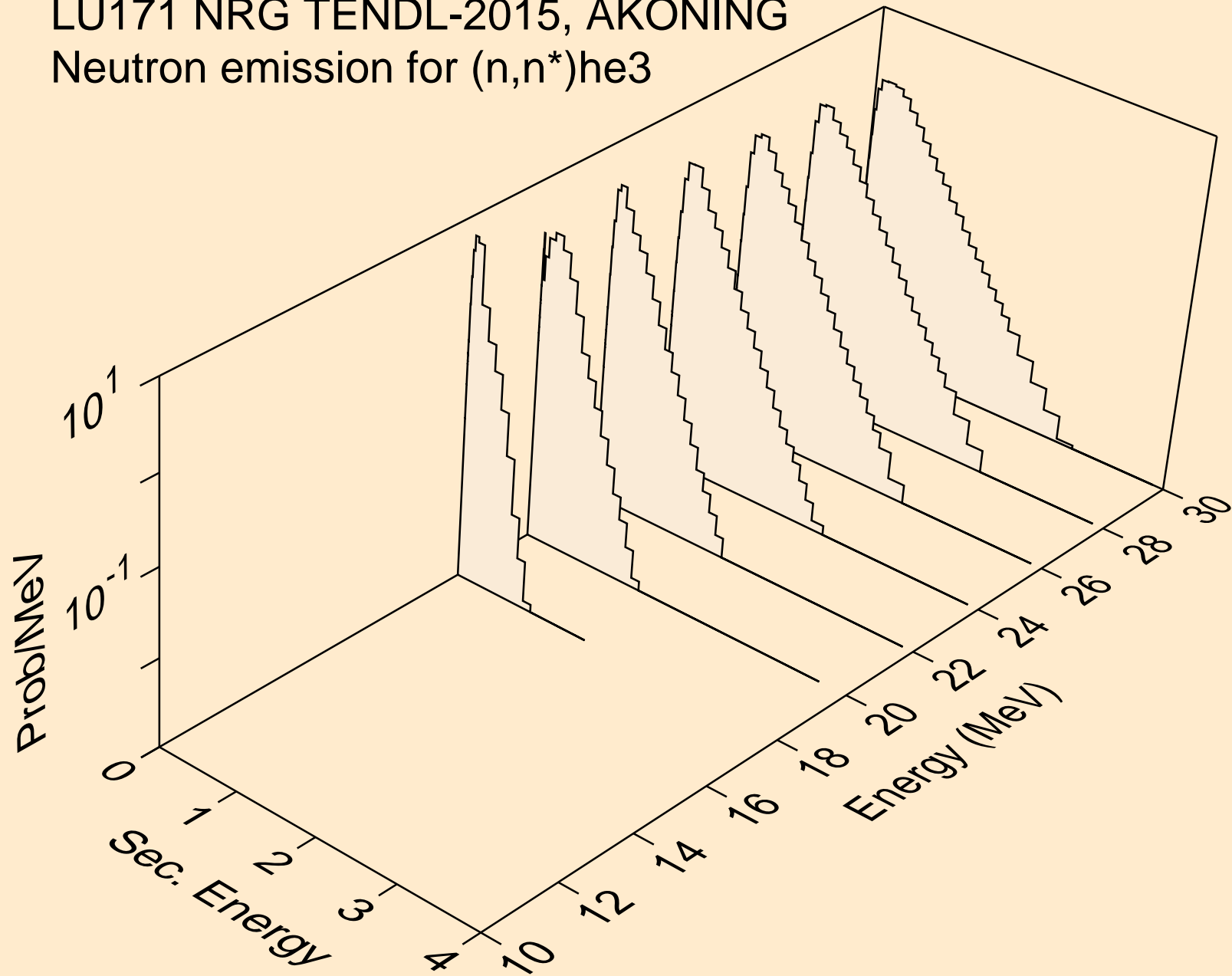
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



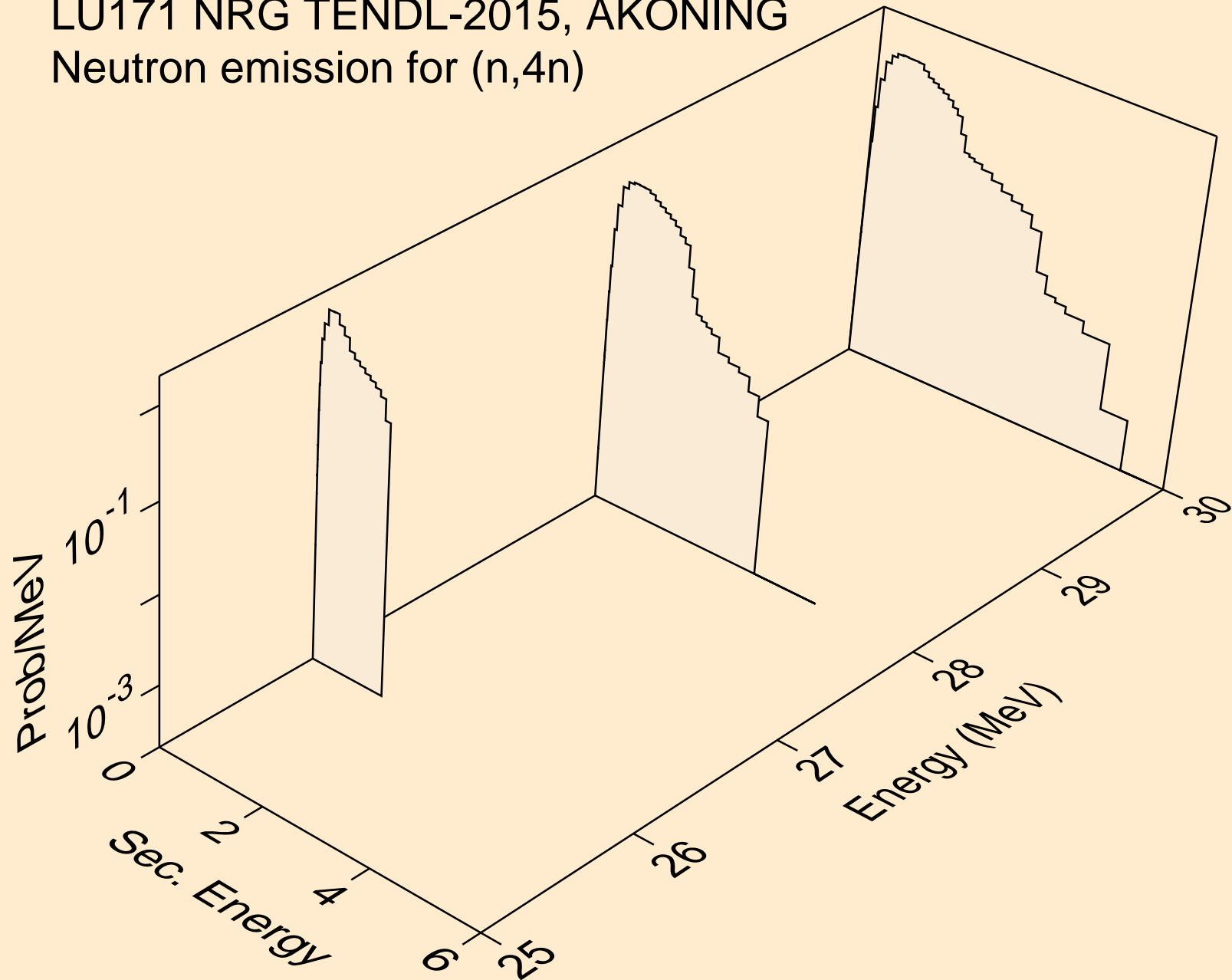
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



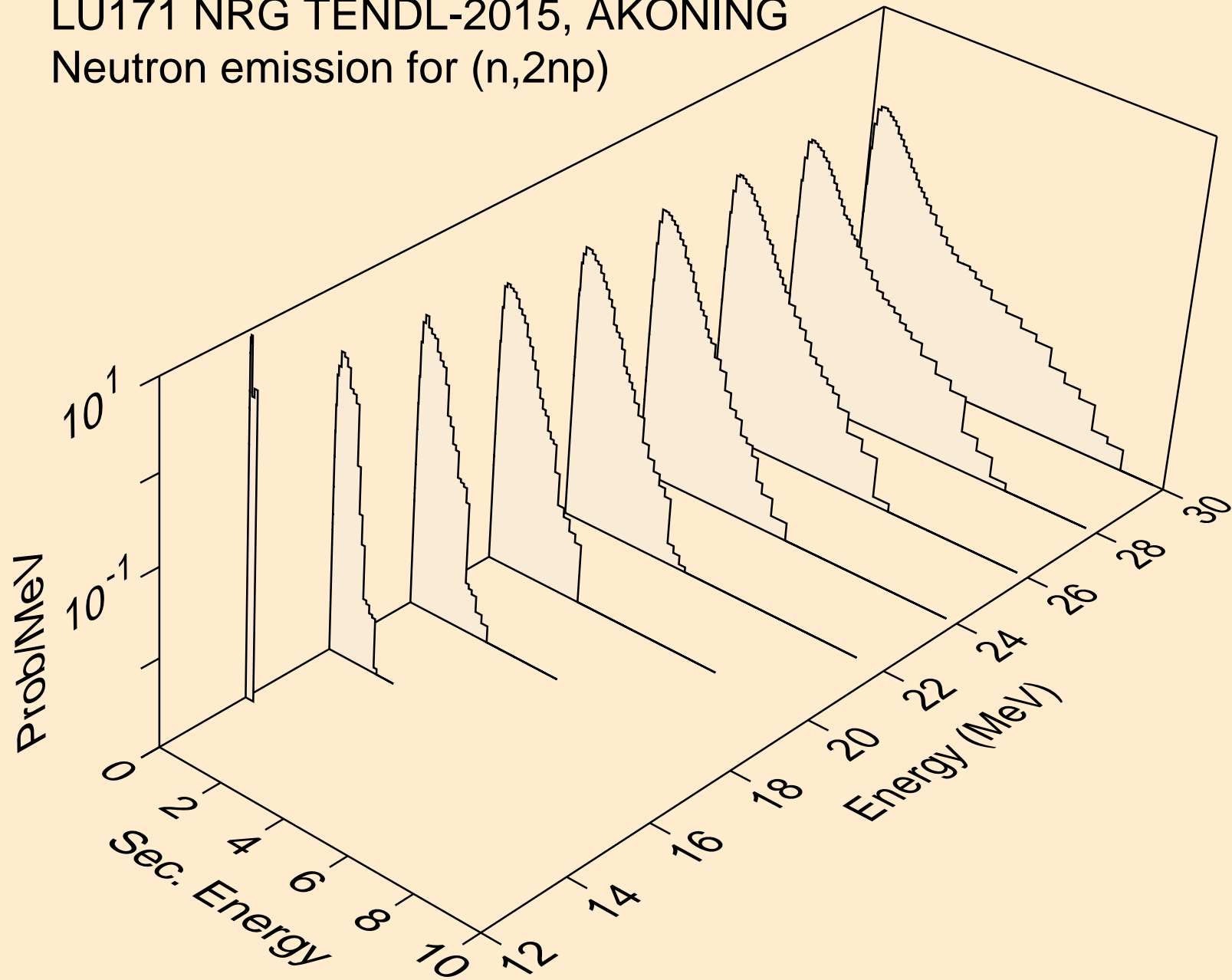
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



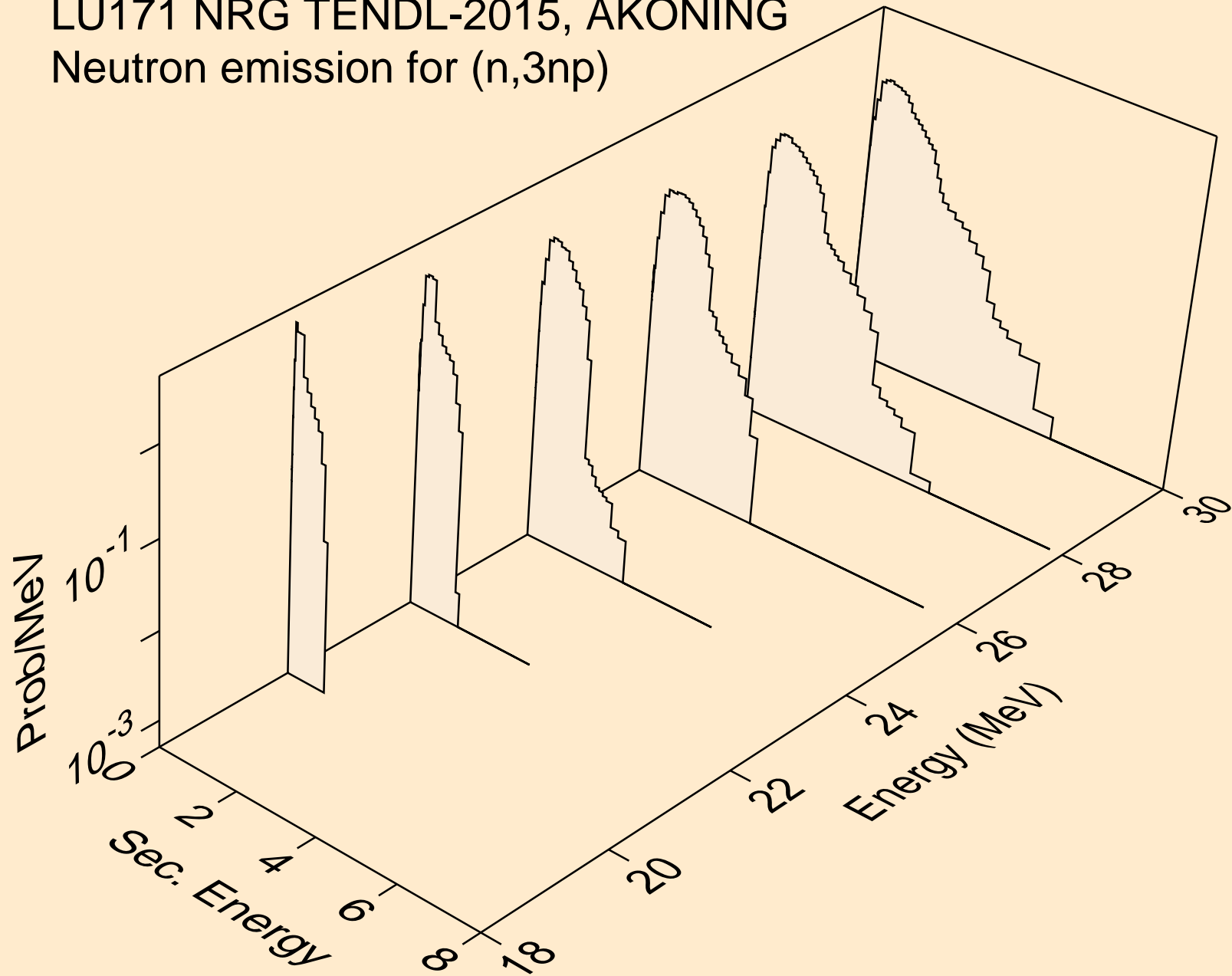
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



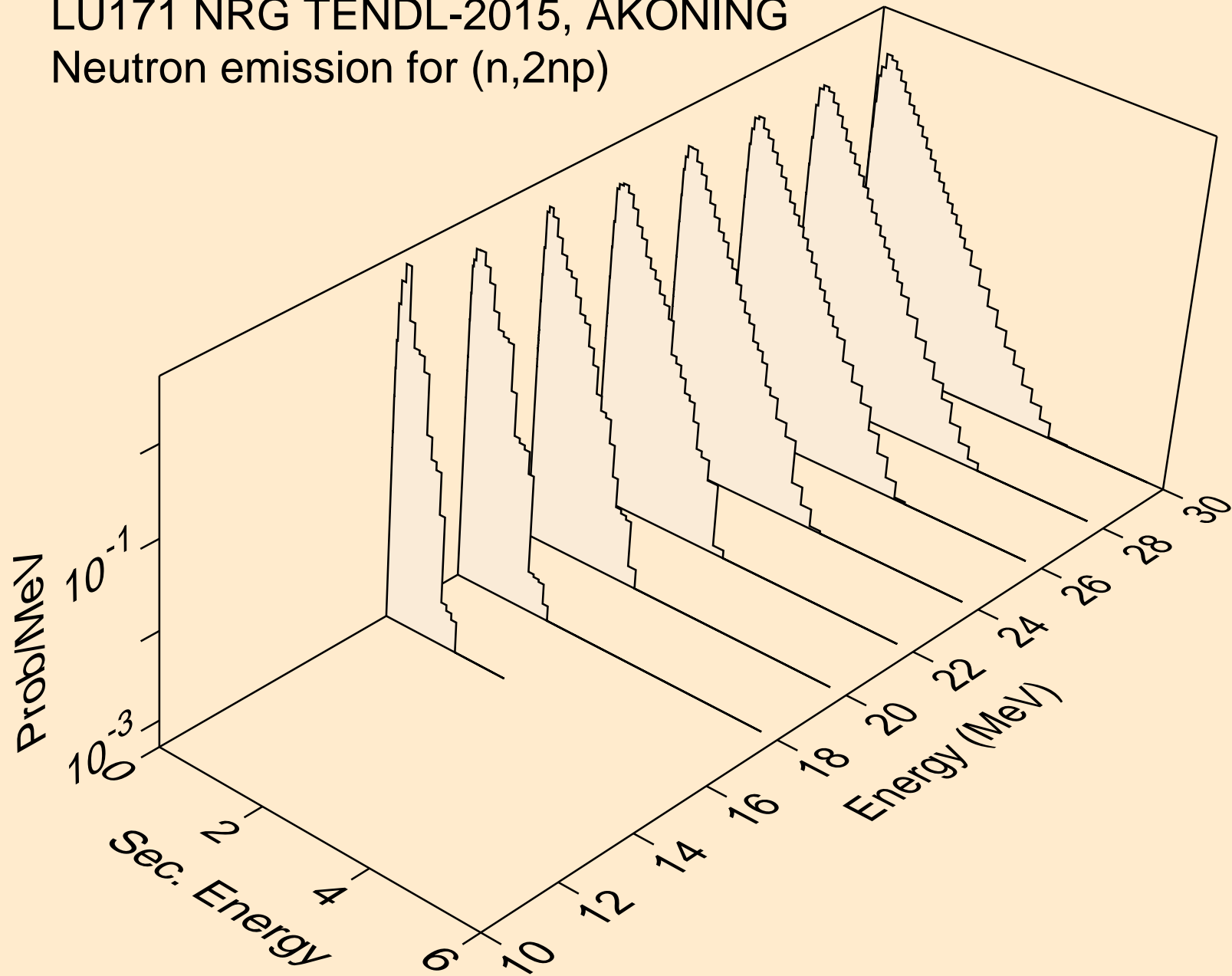
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

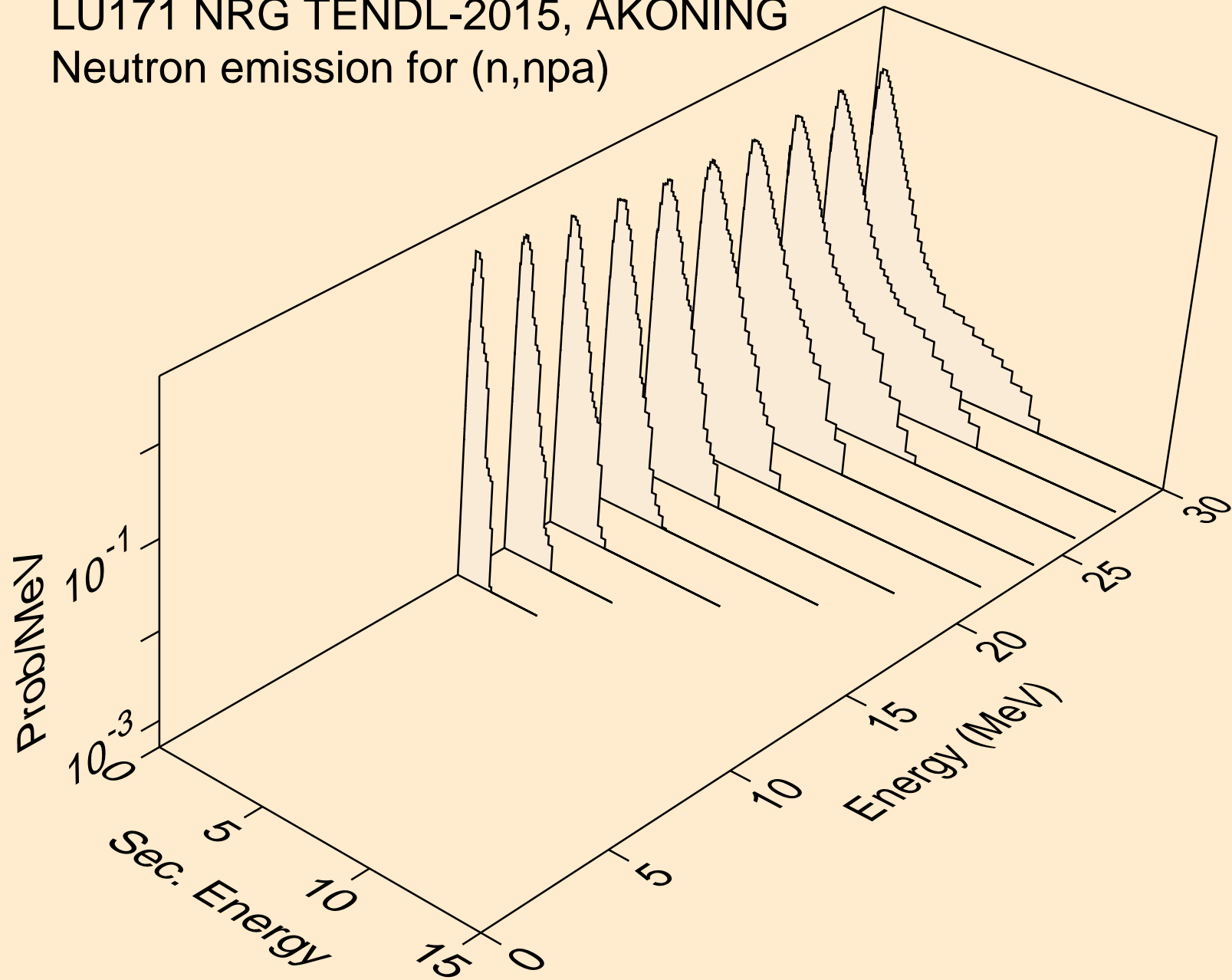


LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

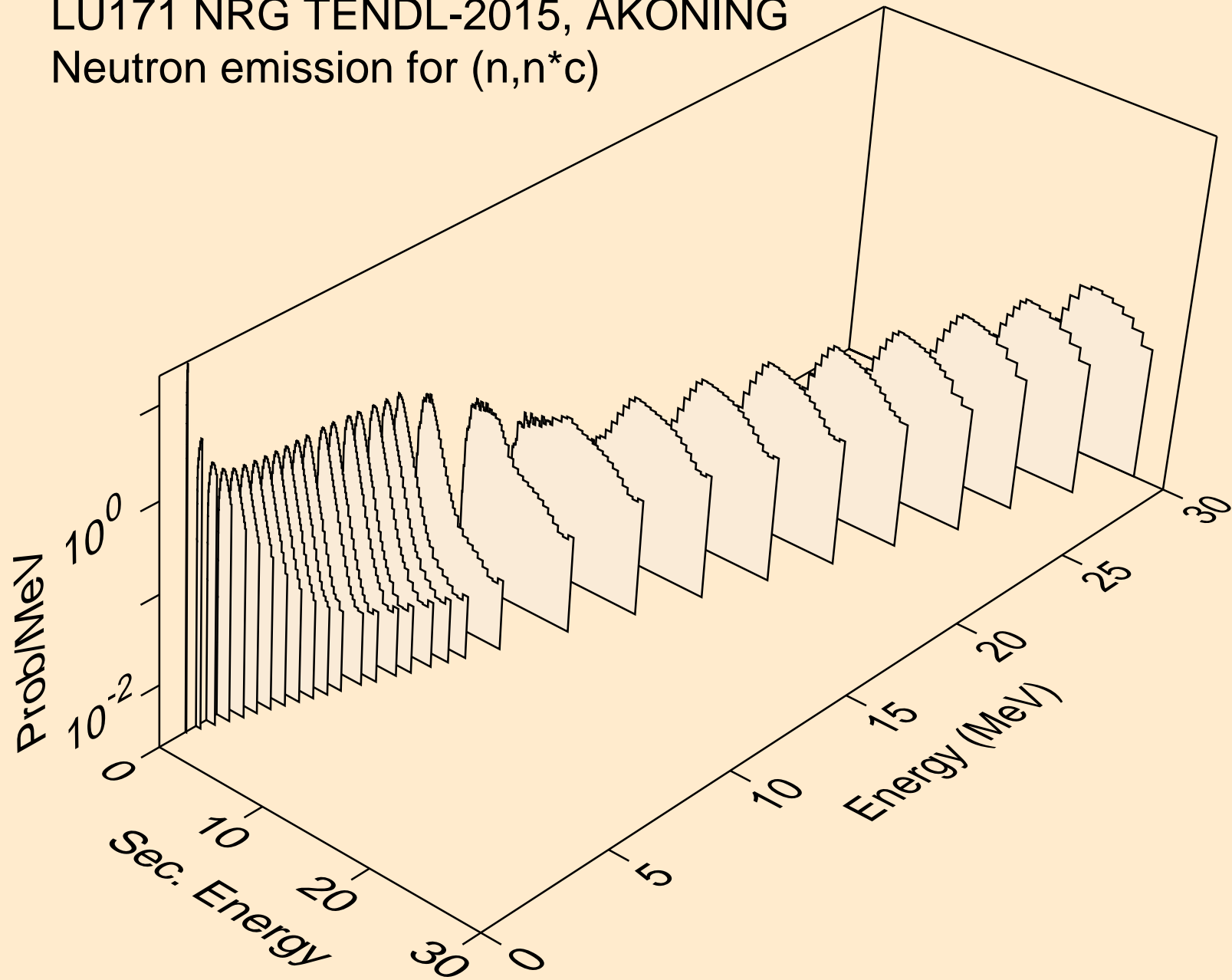




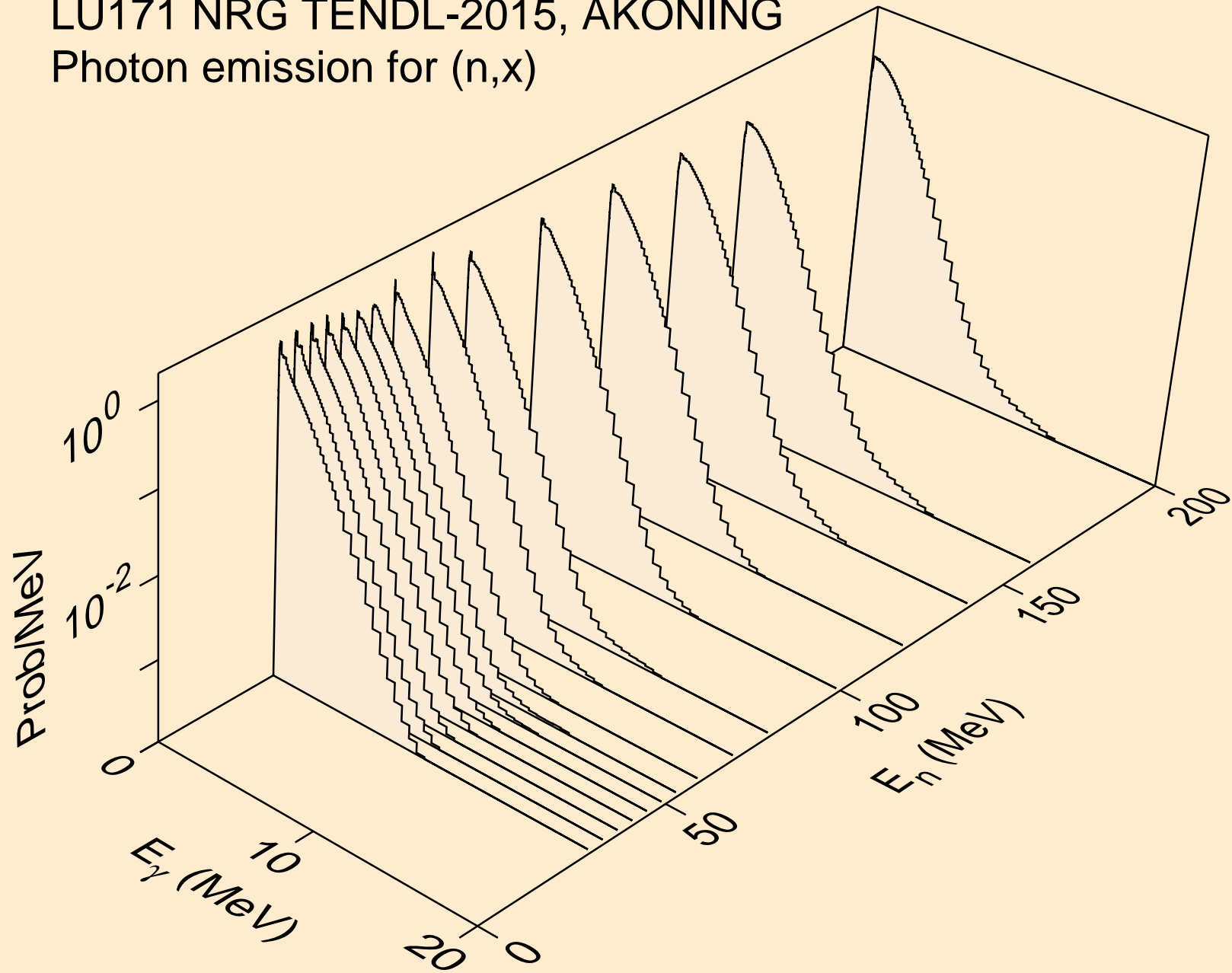
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



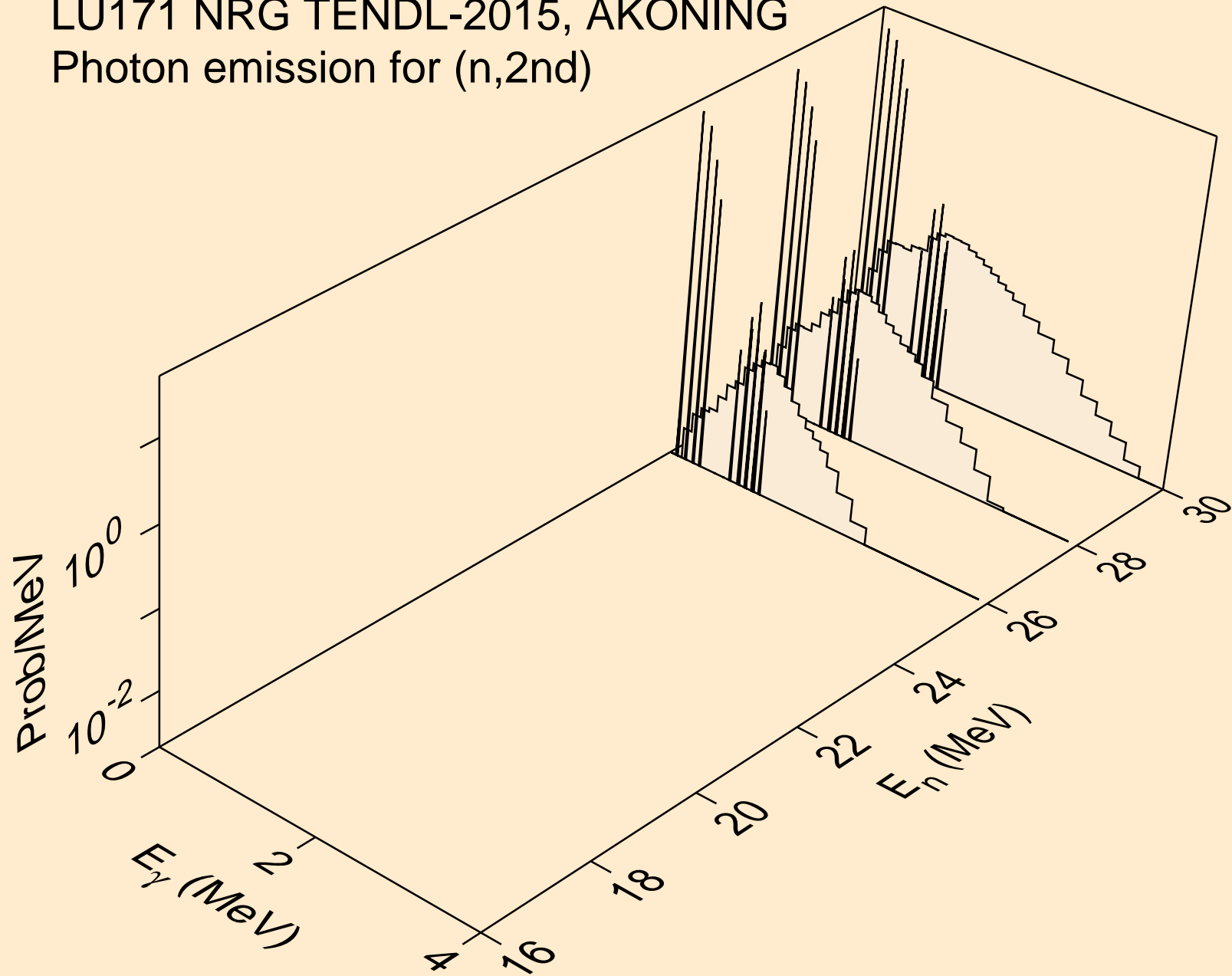
LU171 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



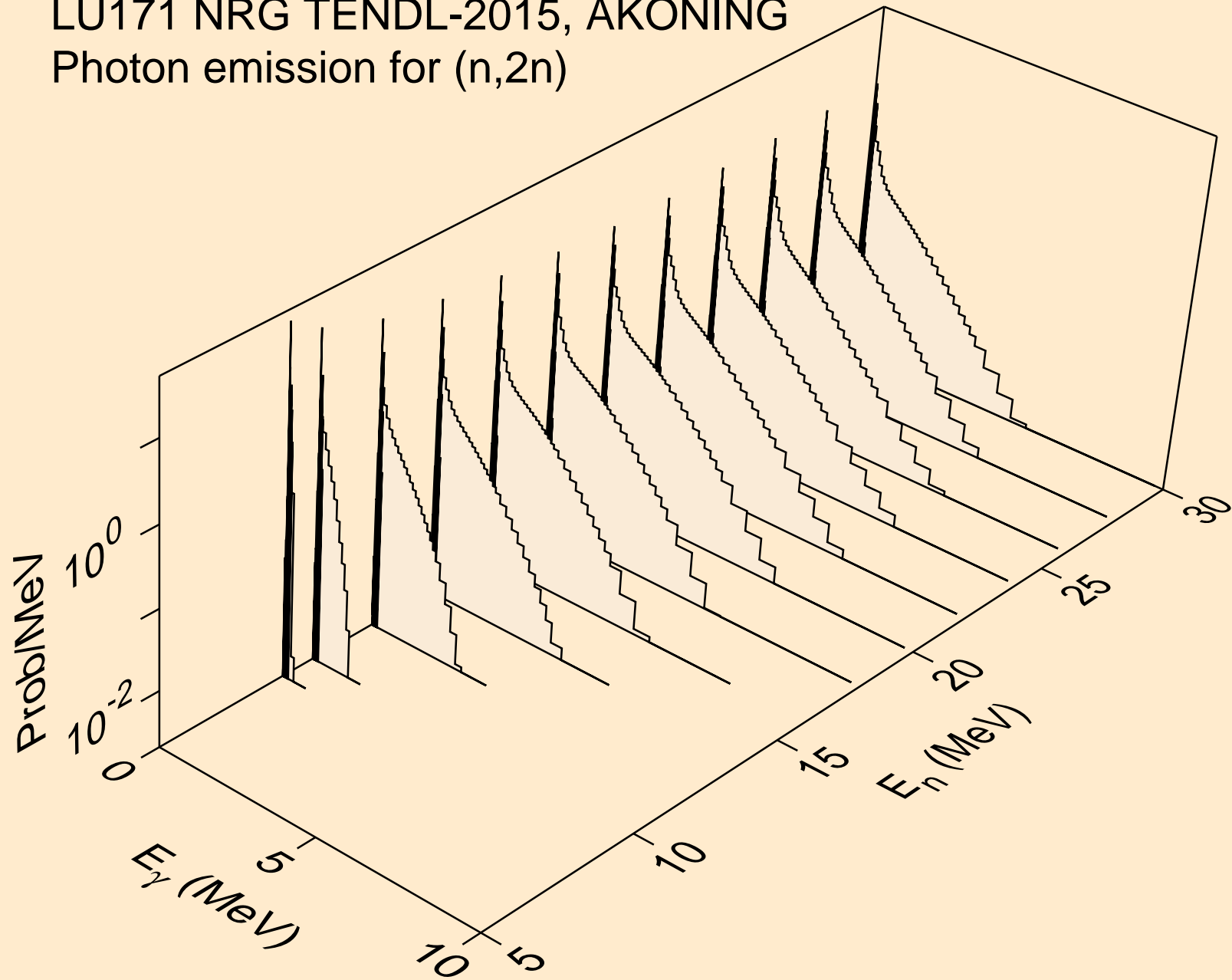
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



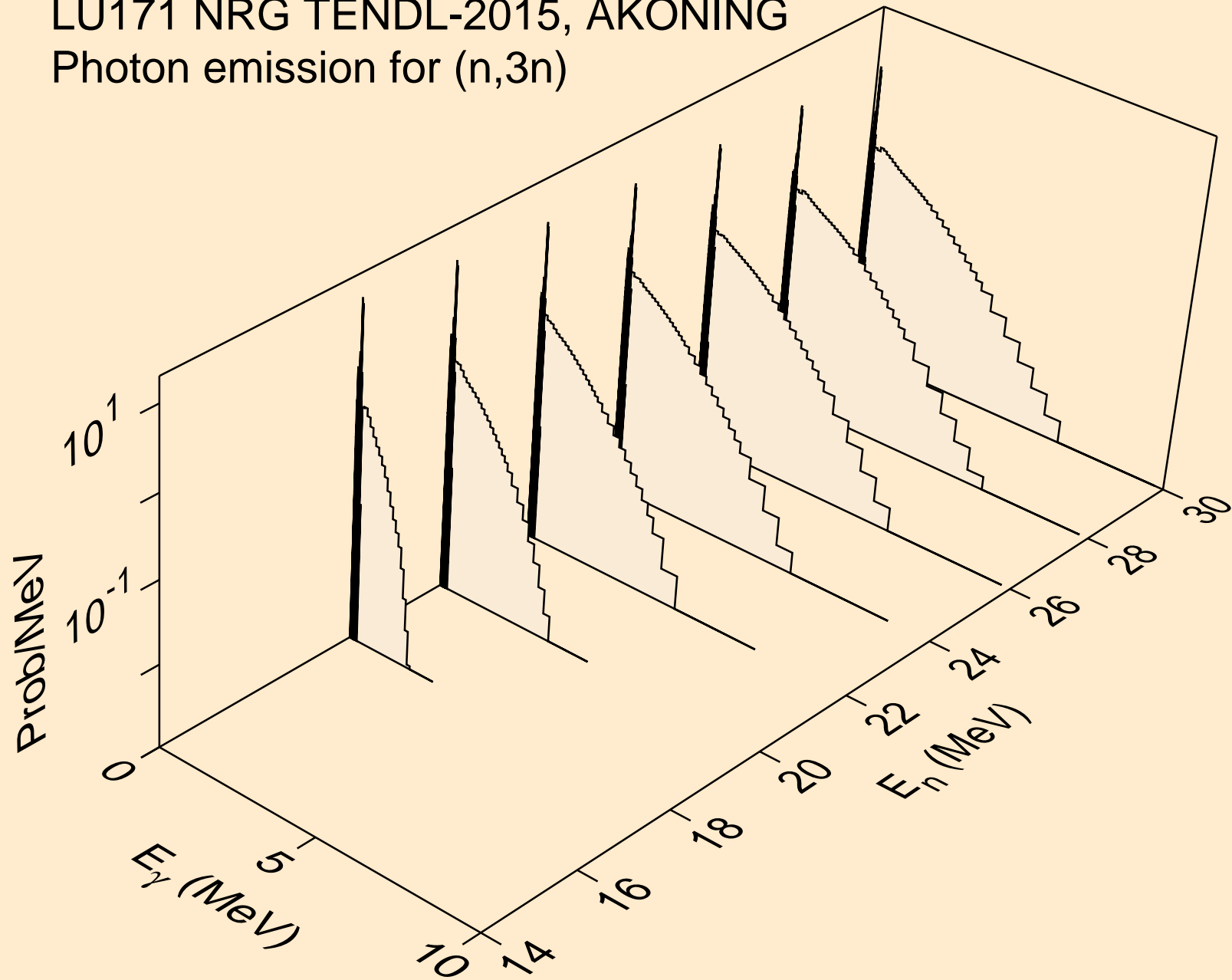
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



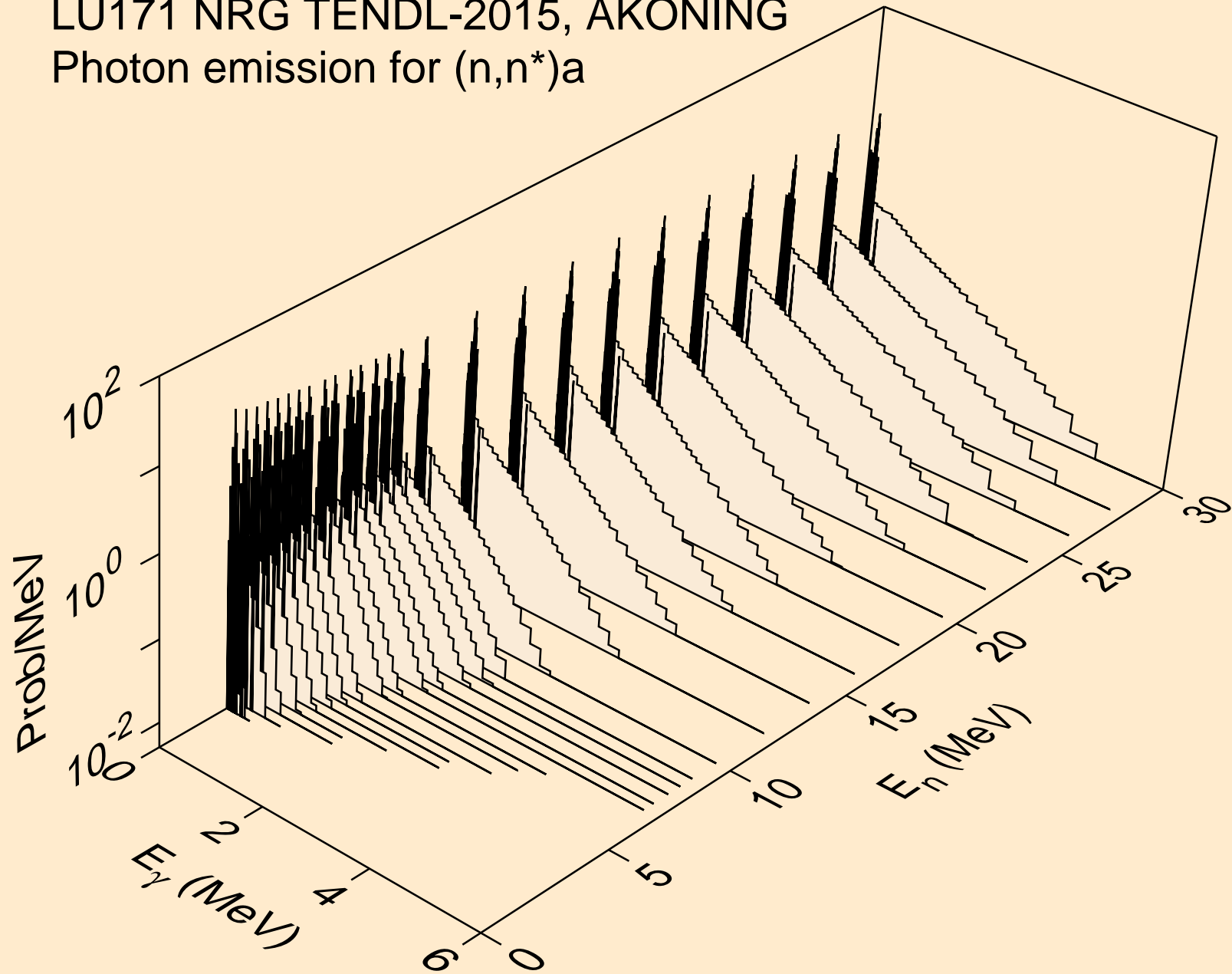
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



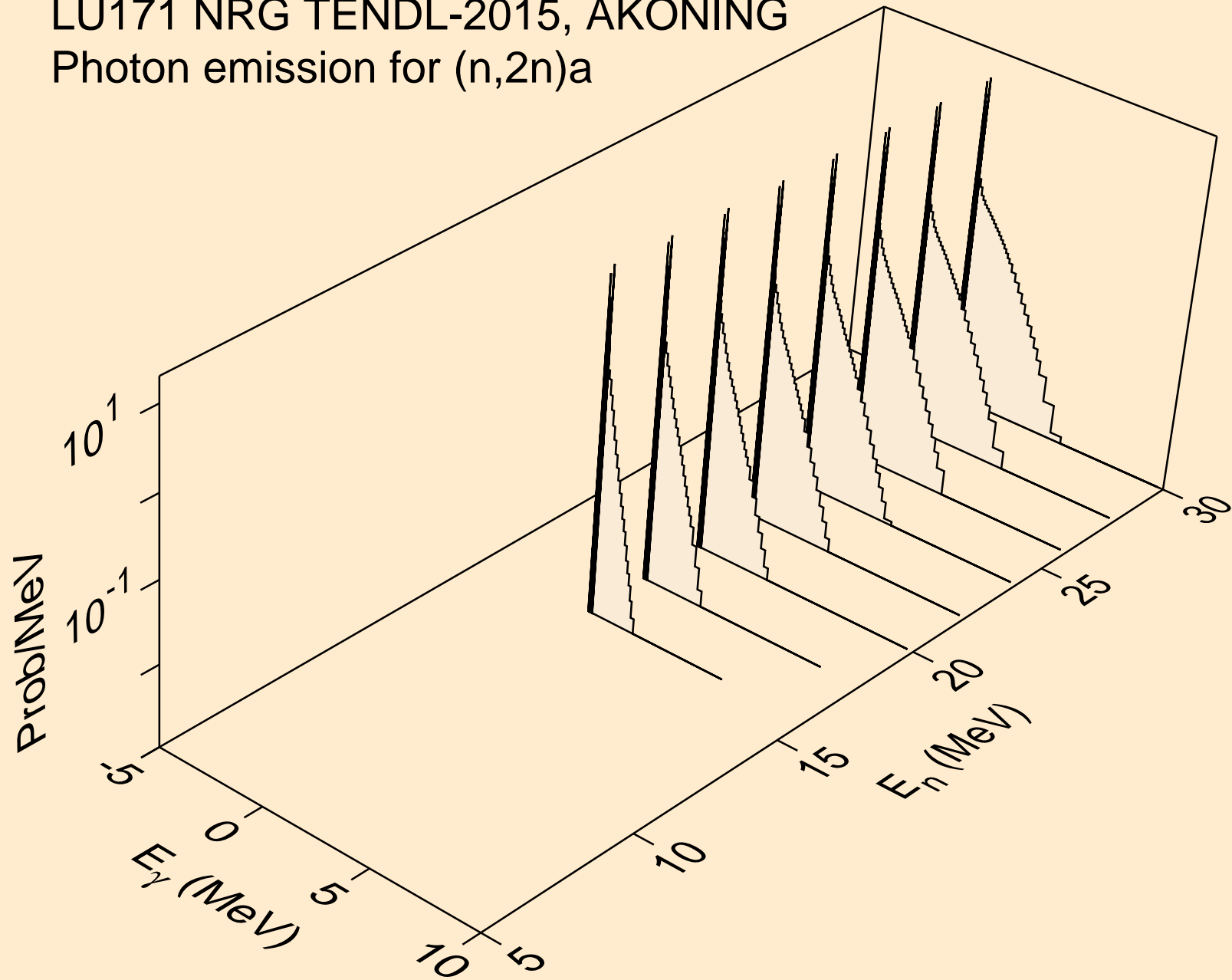
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

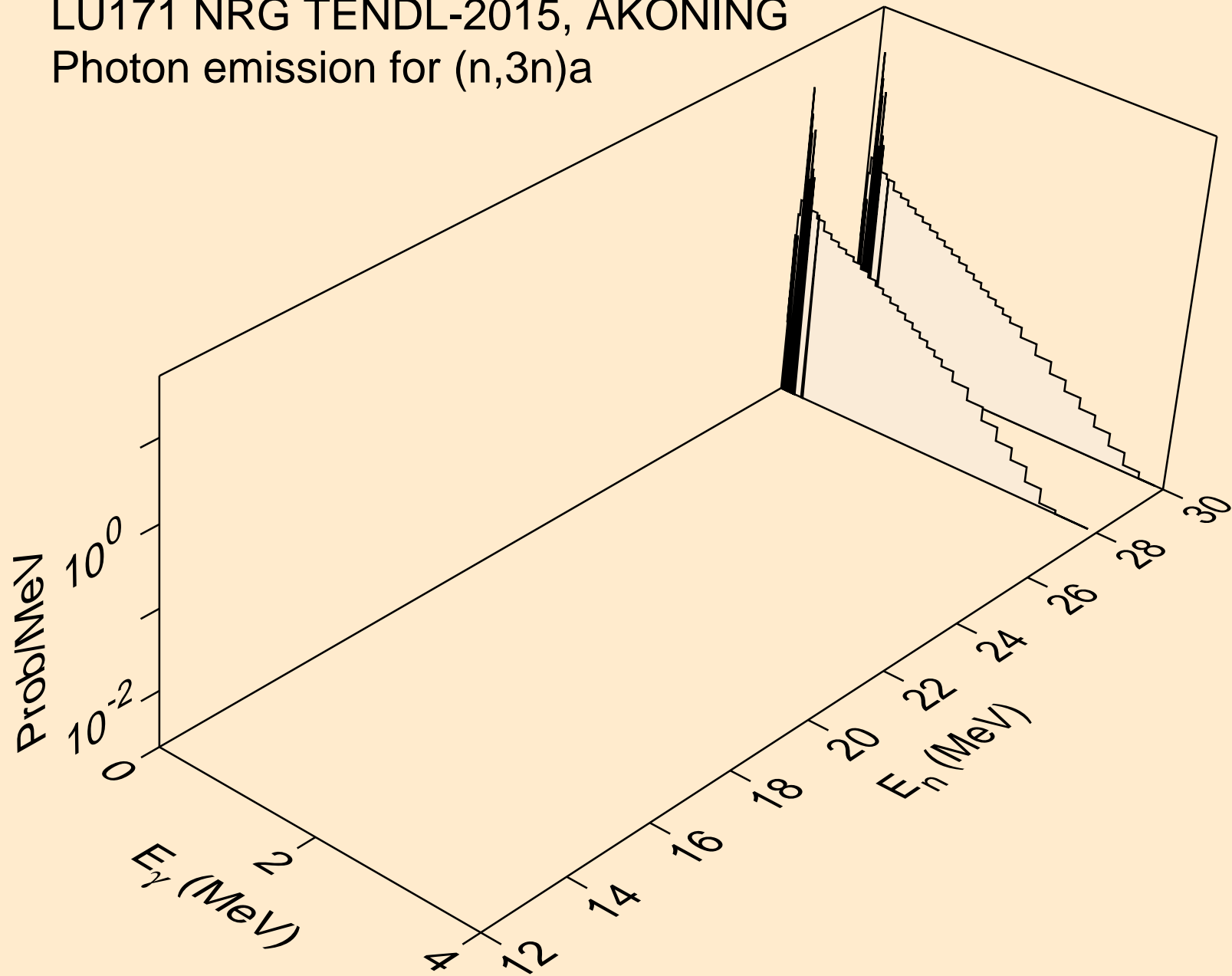


LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

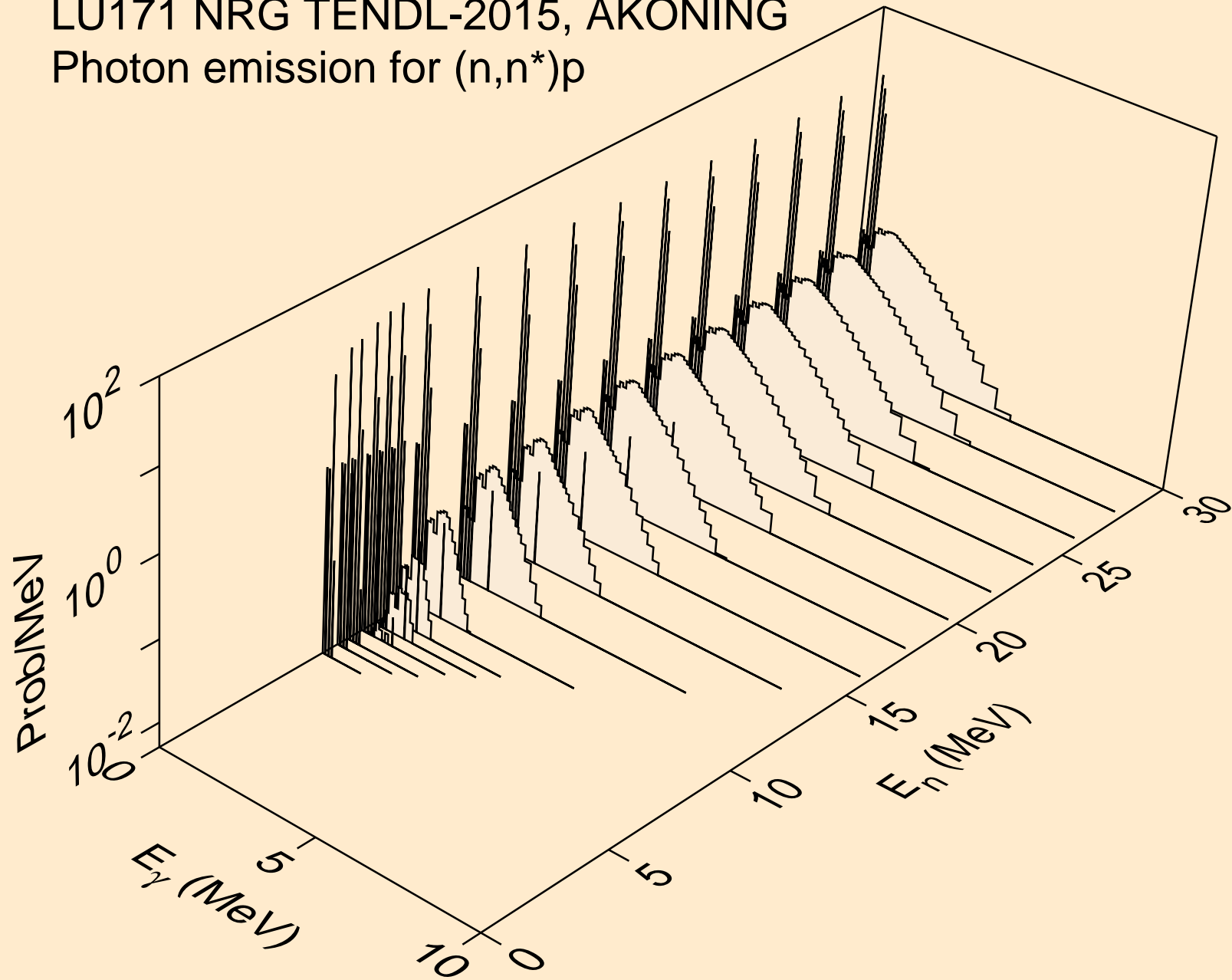




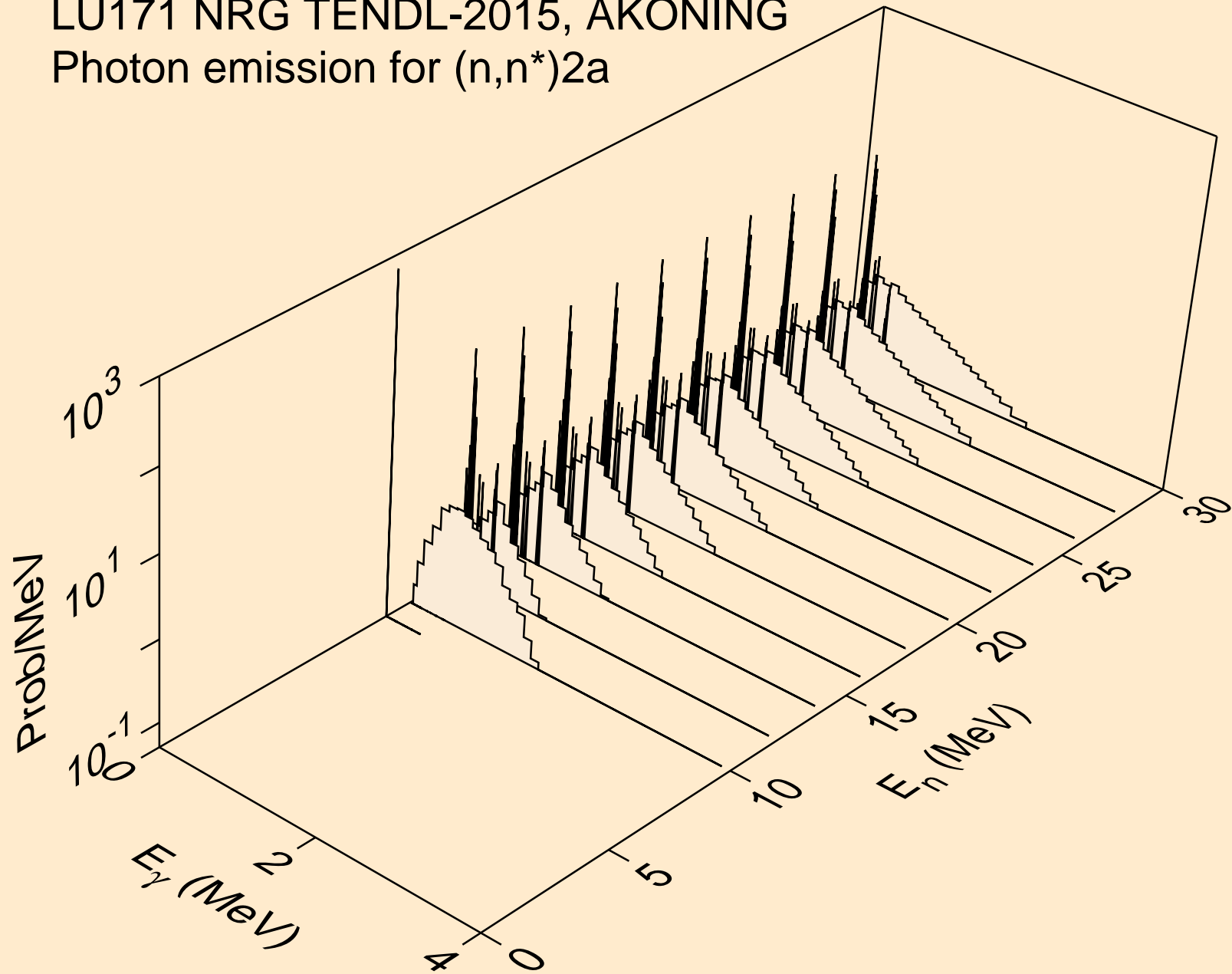
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



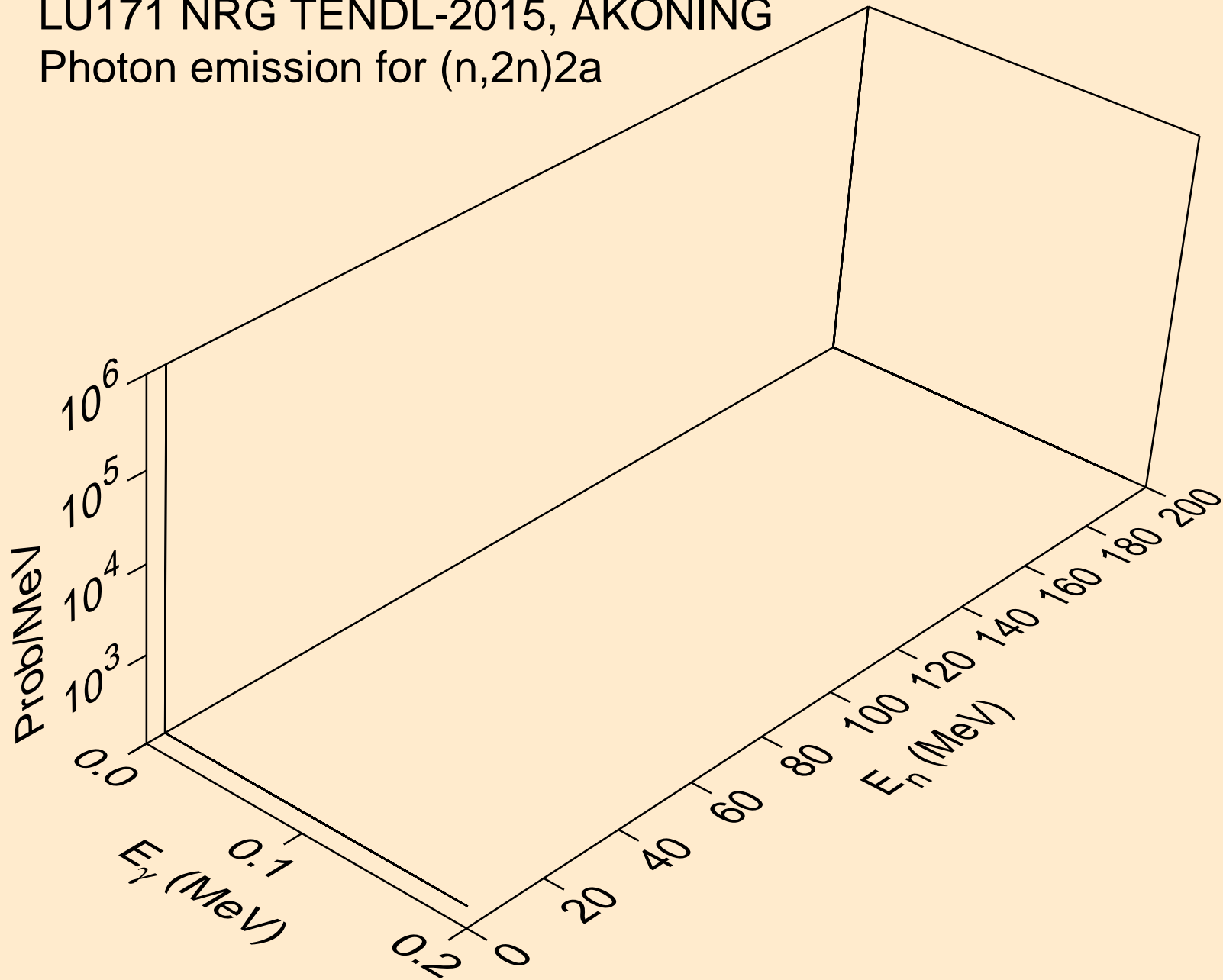
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



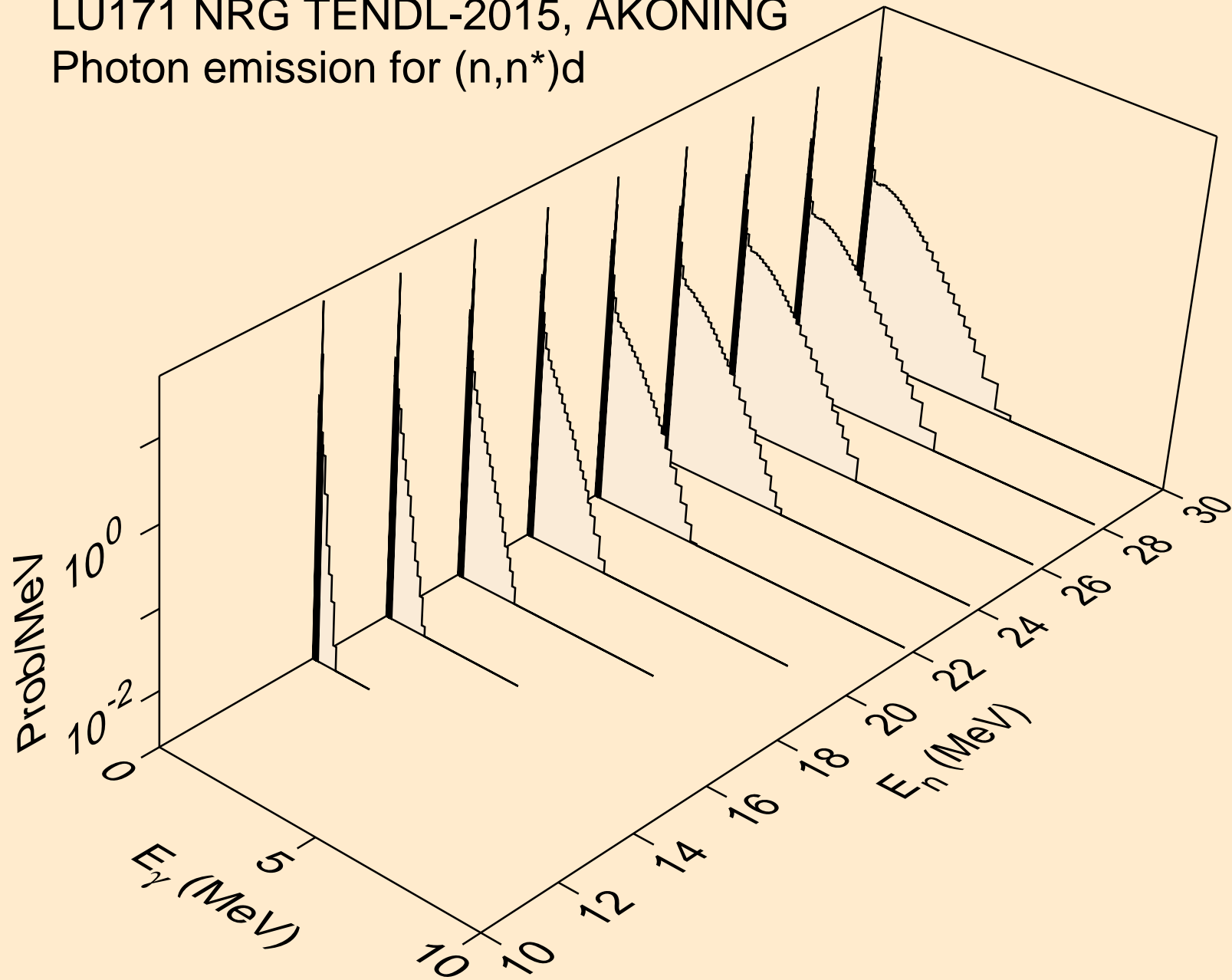
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



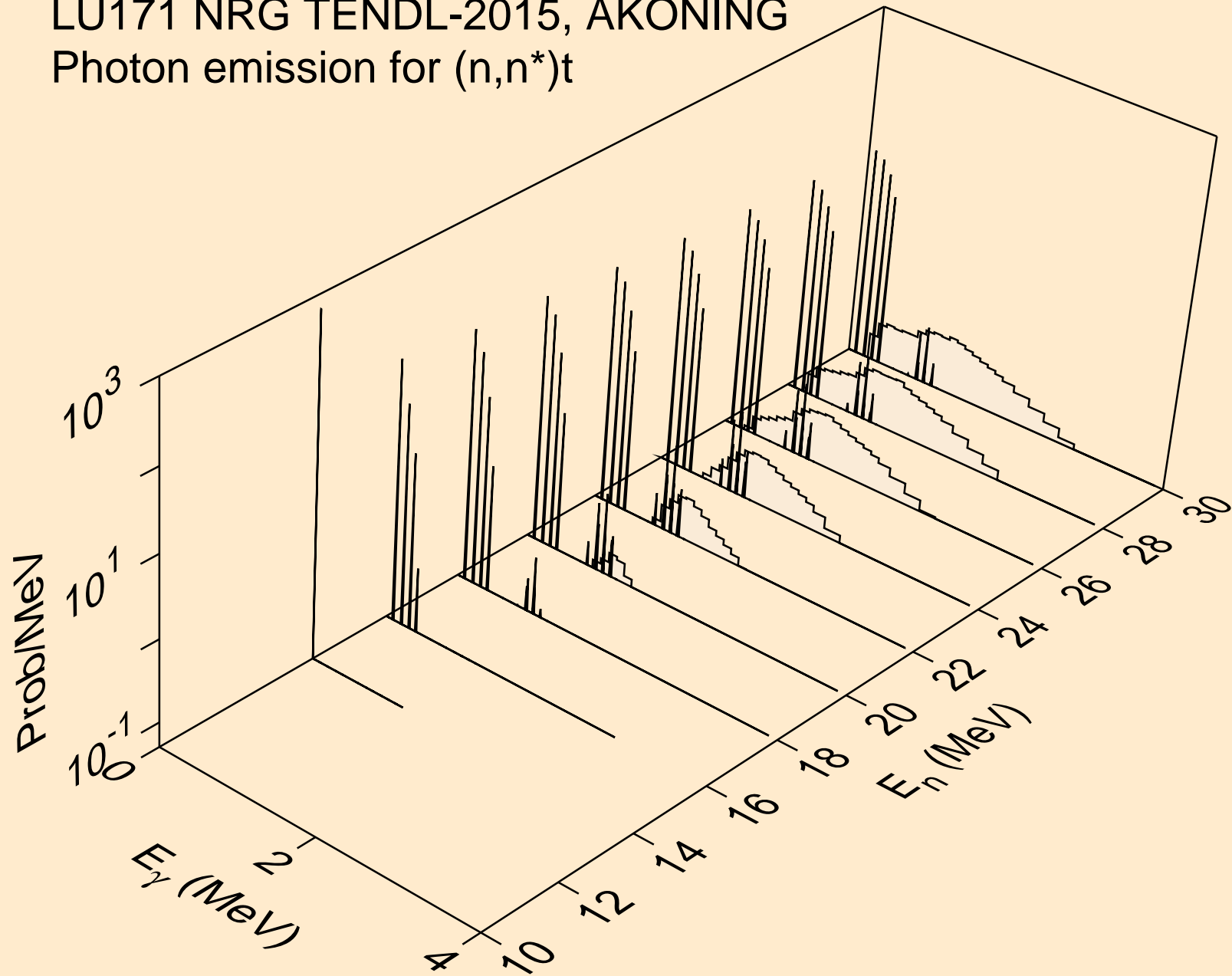
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



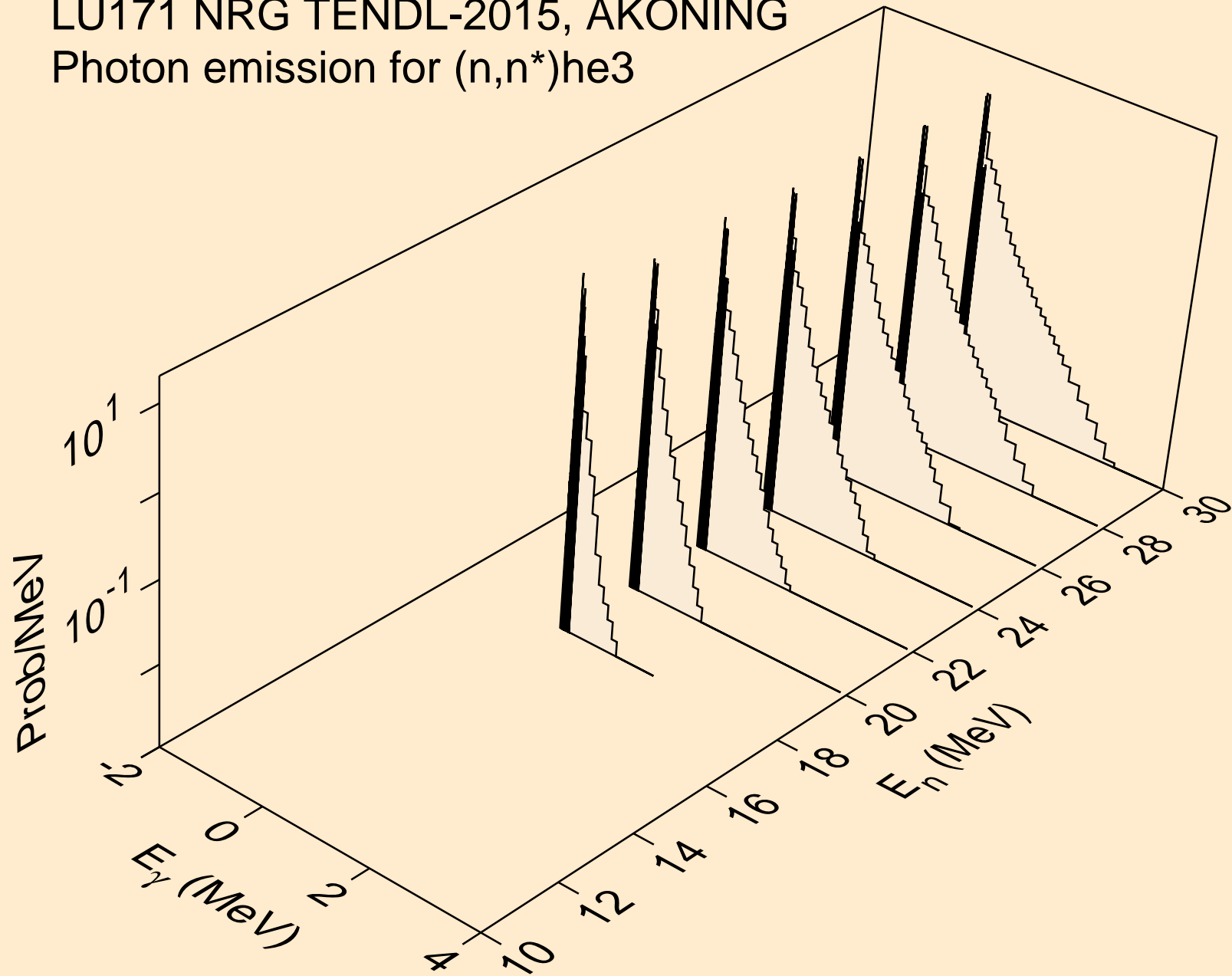
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



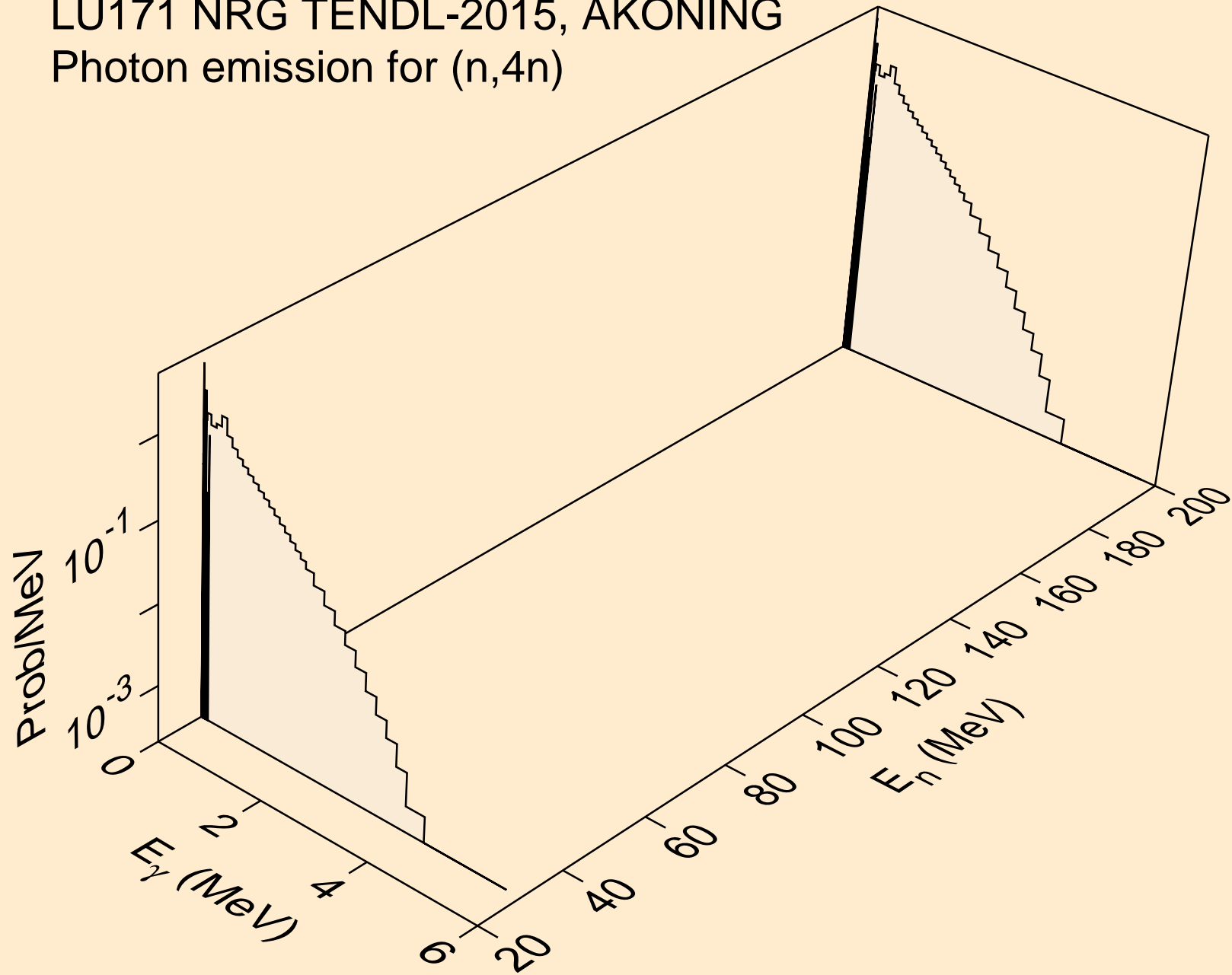
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

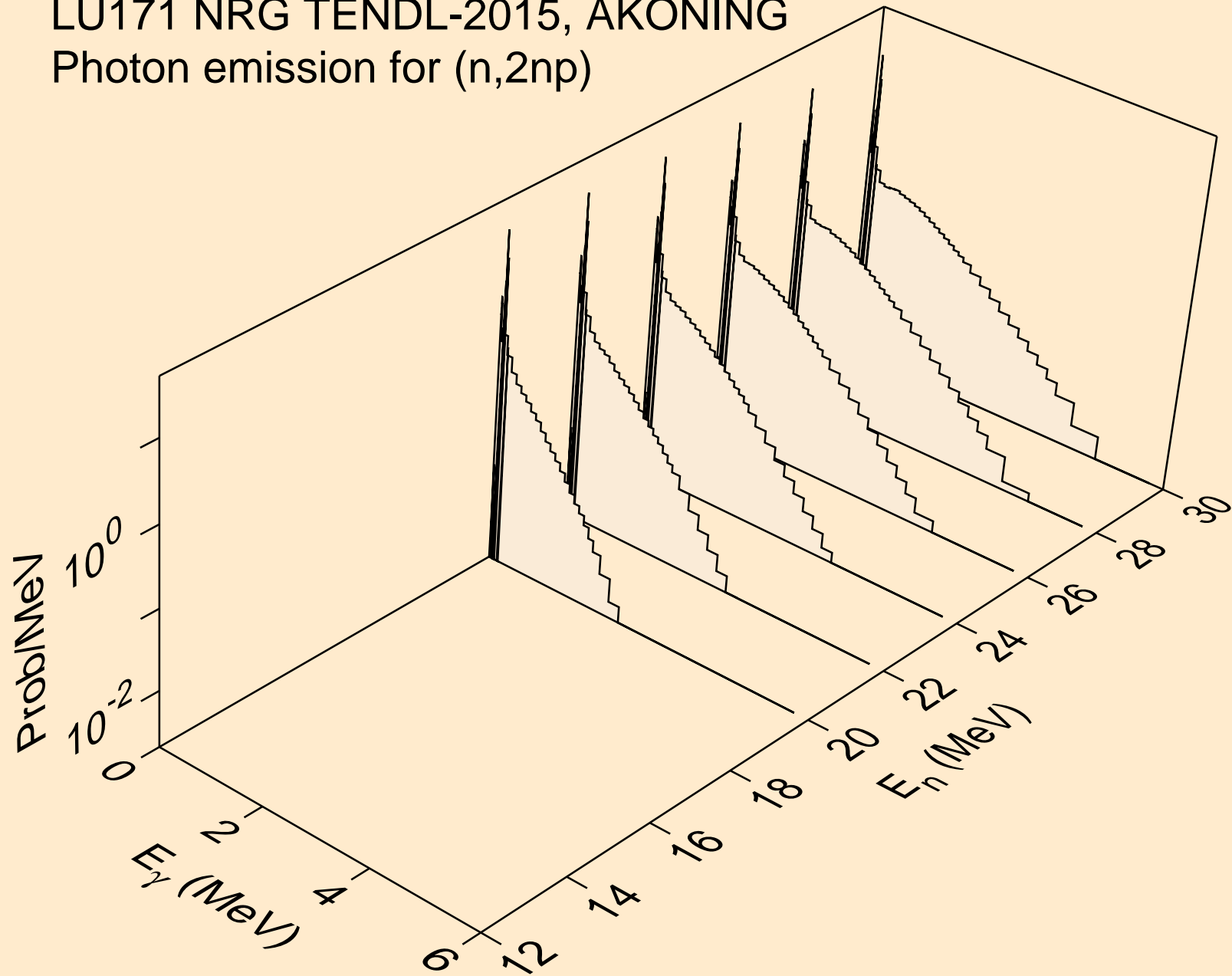


LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

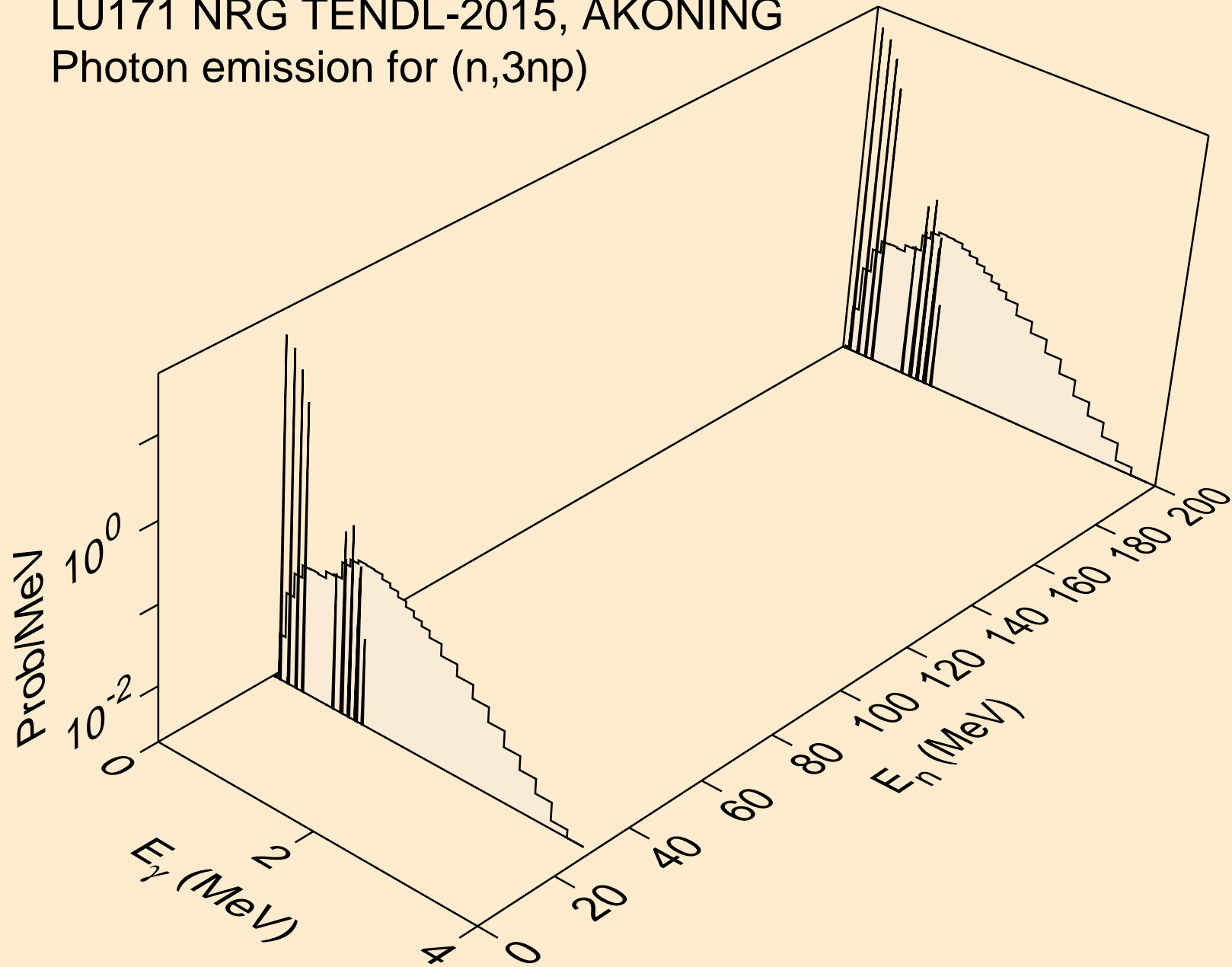




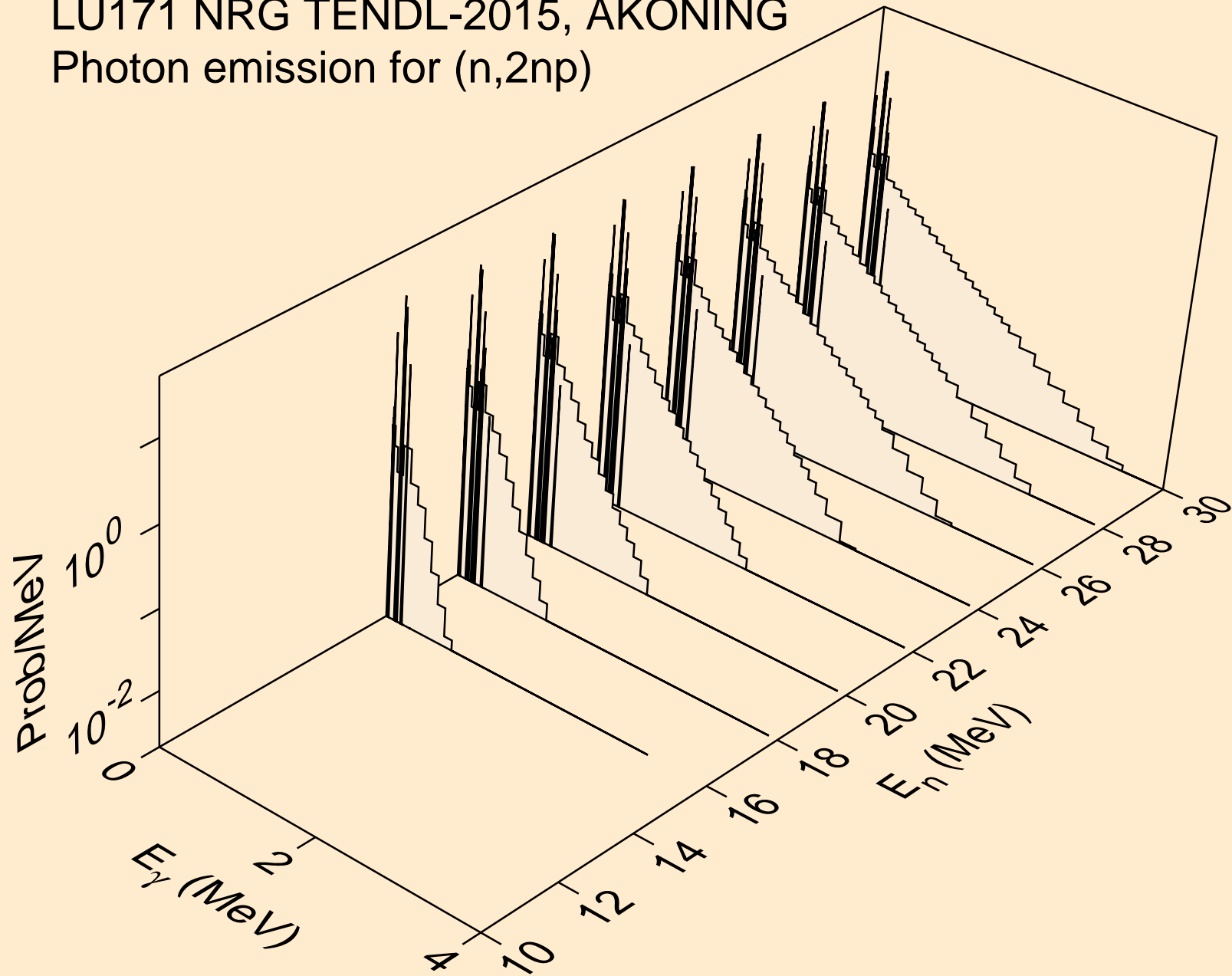
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



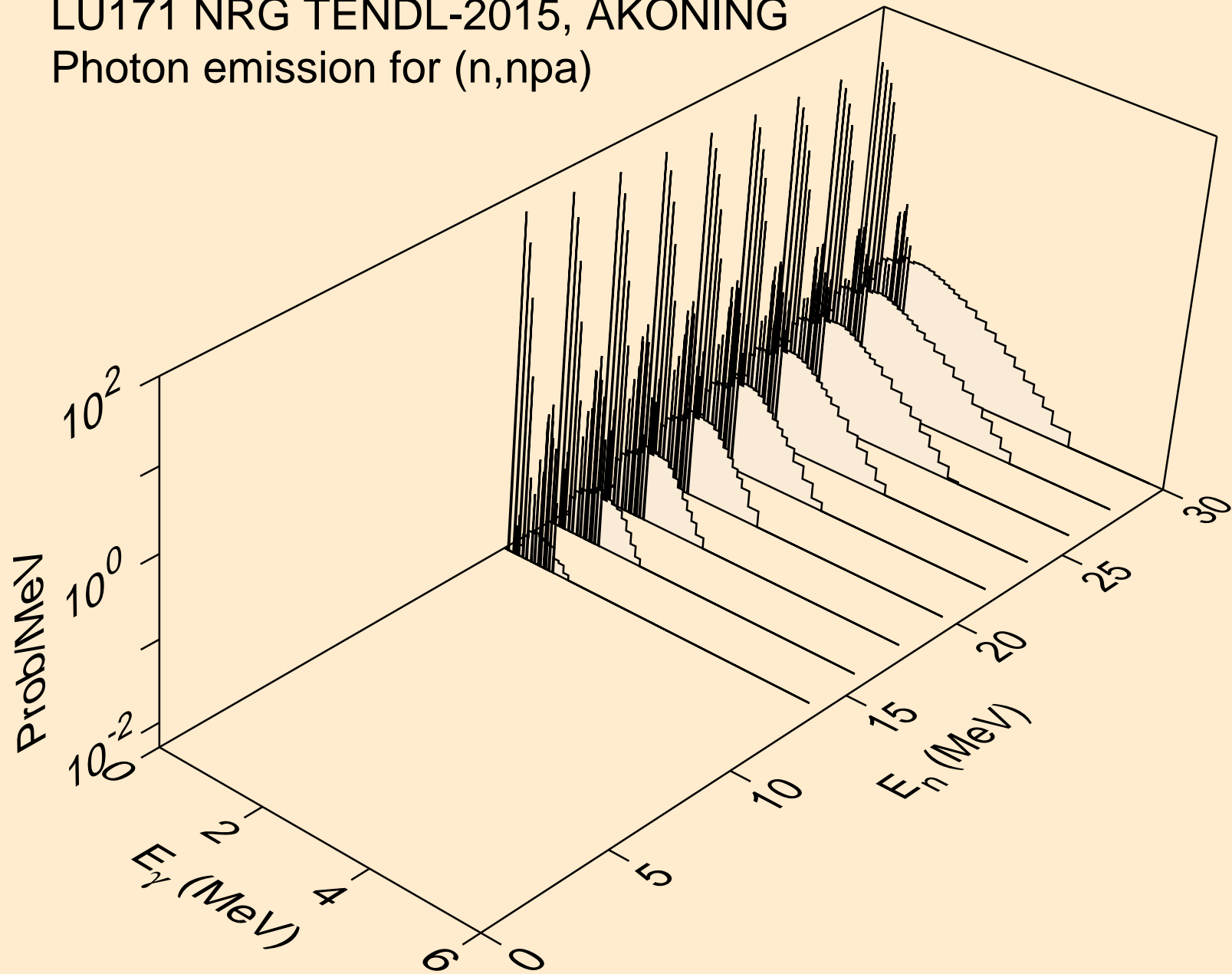
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



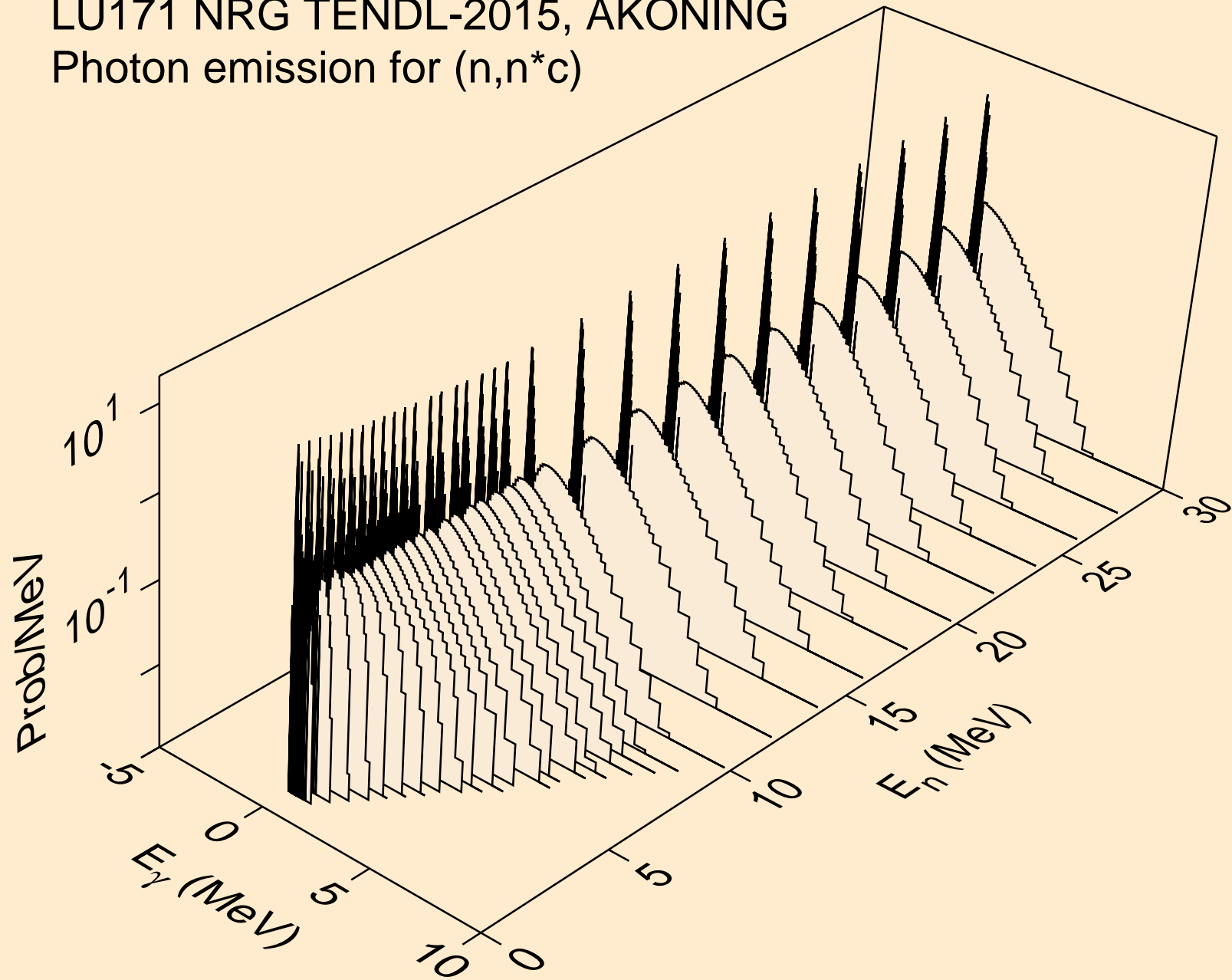
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



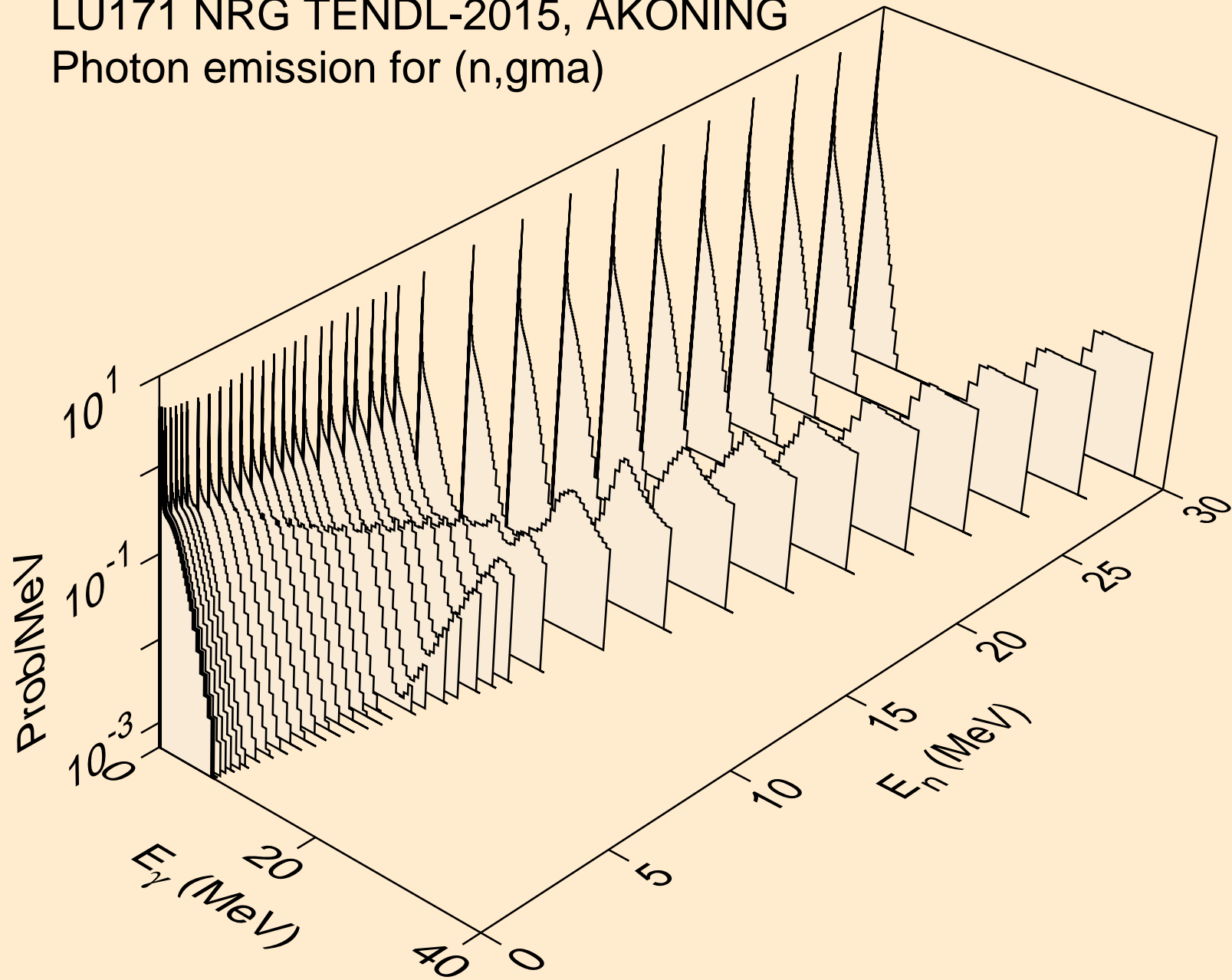
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



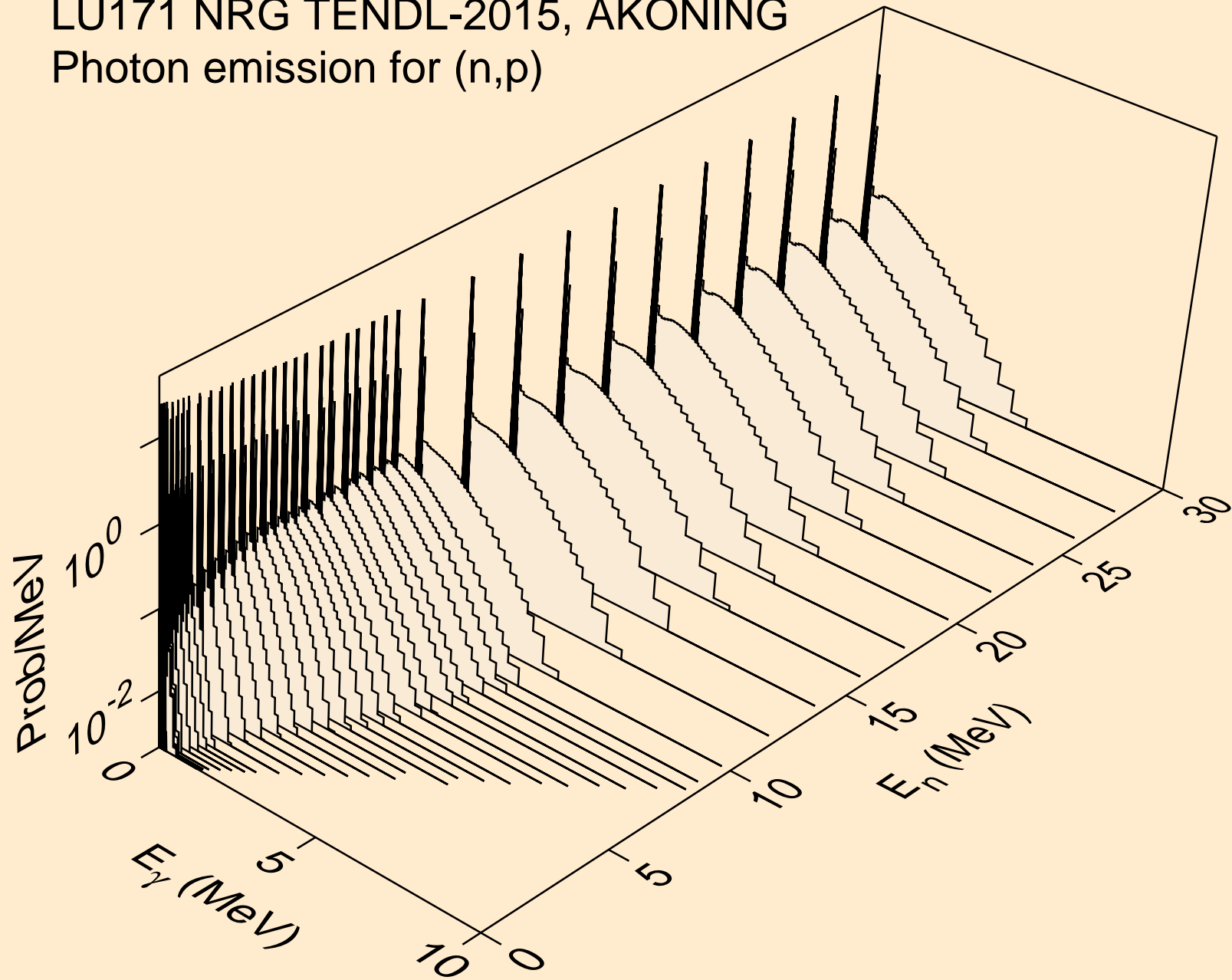
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



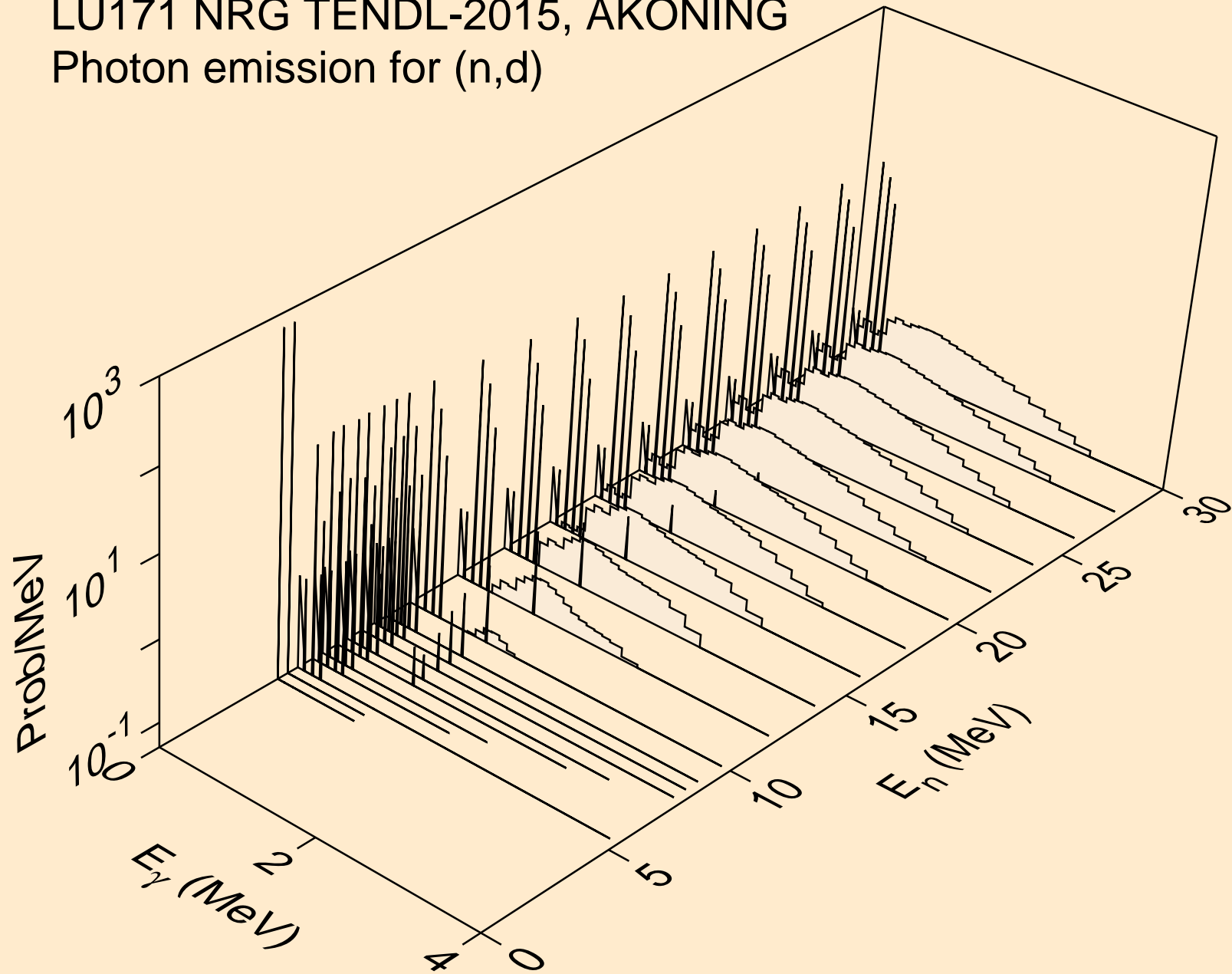
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

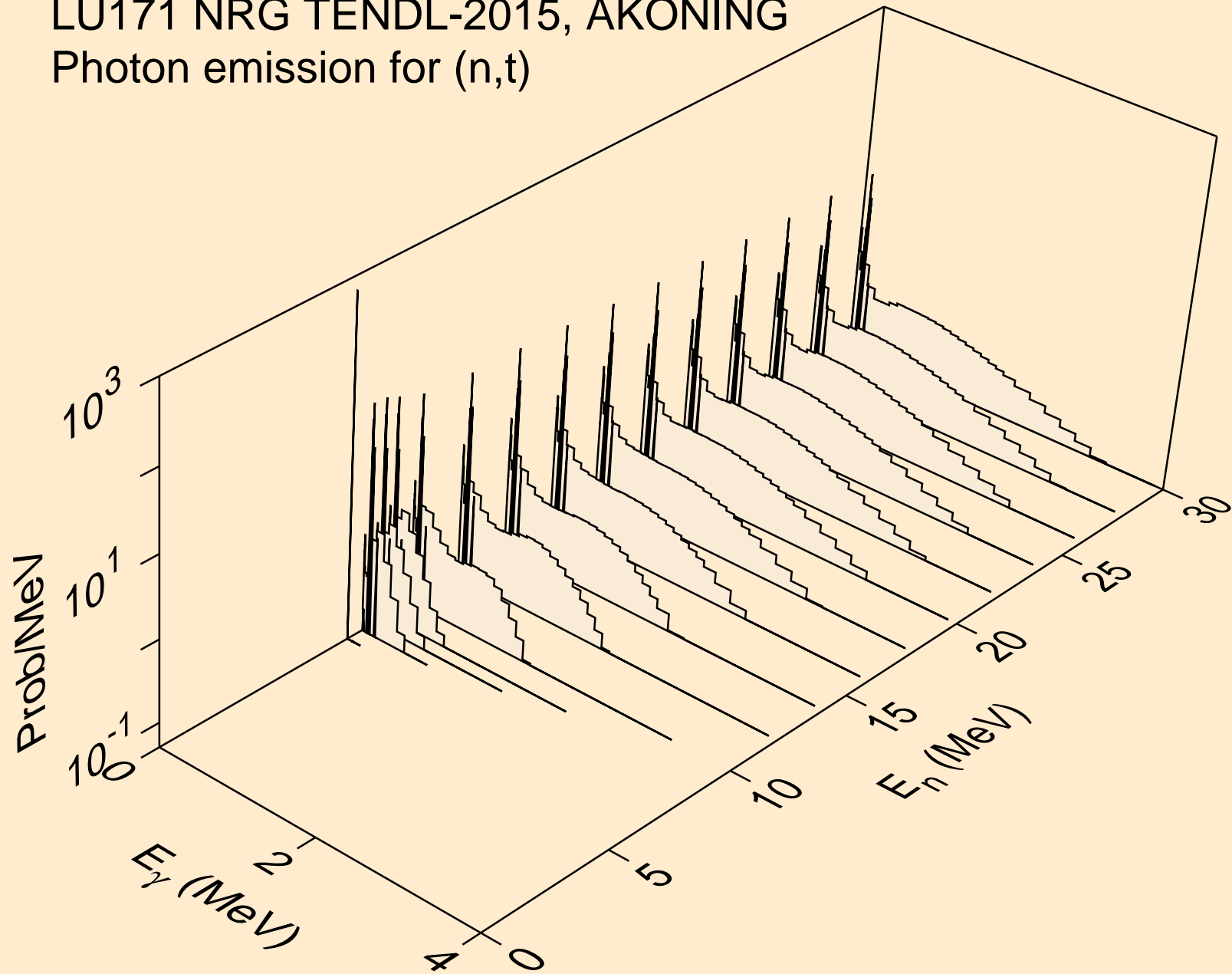


LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

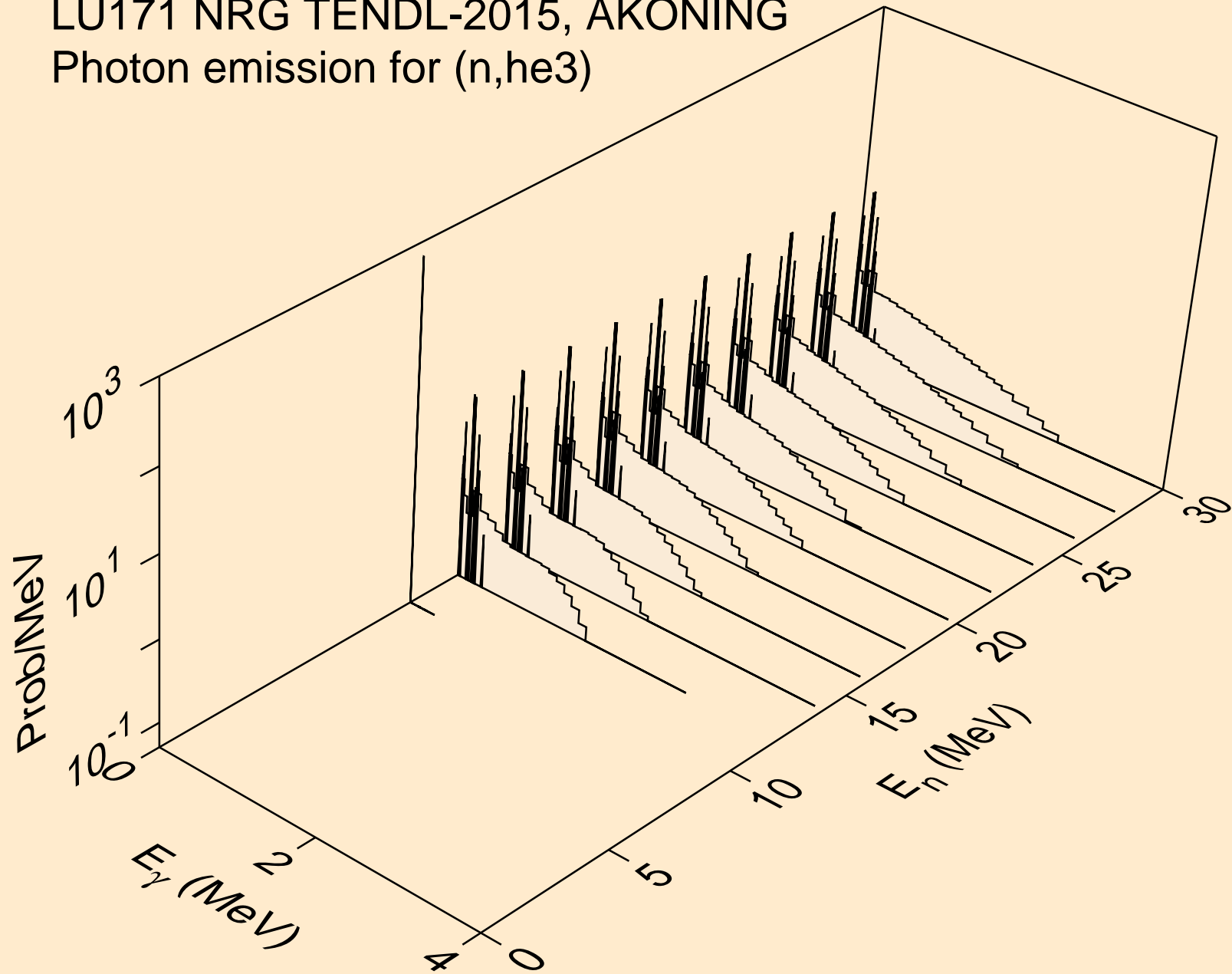




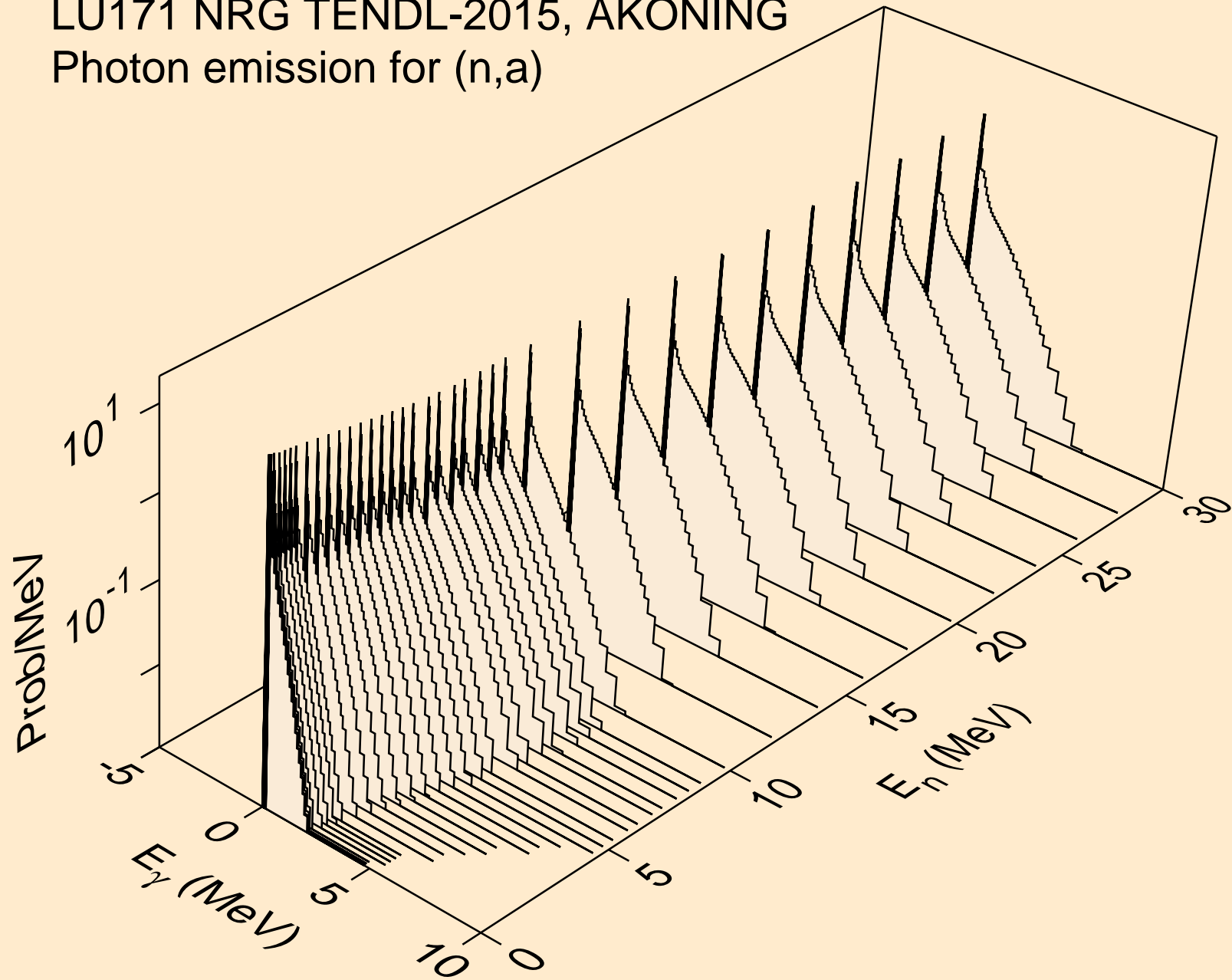
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



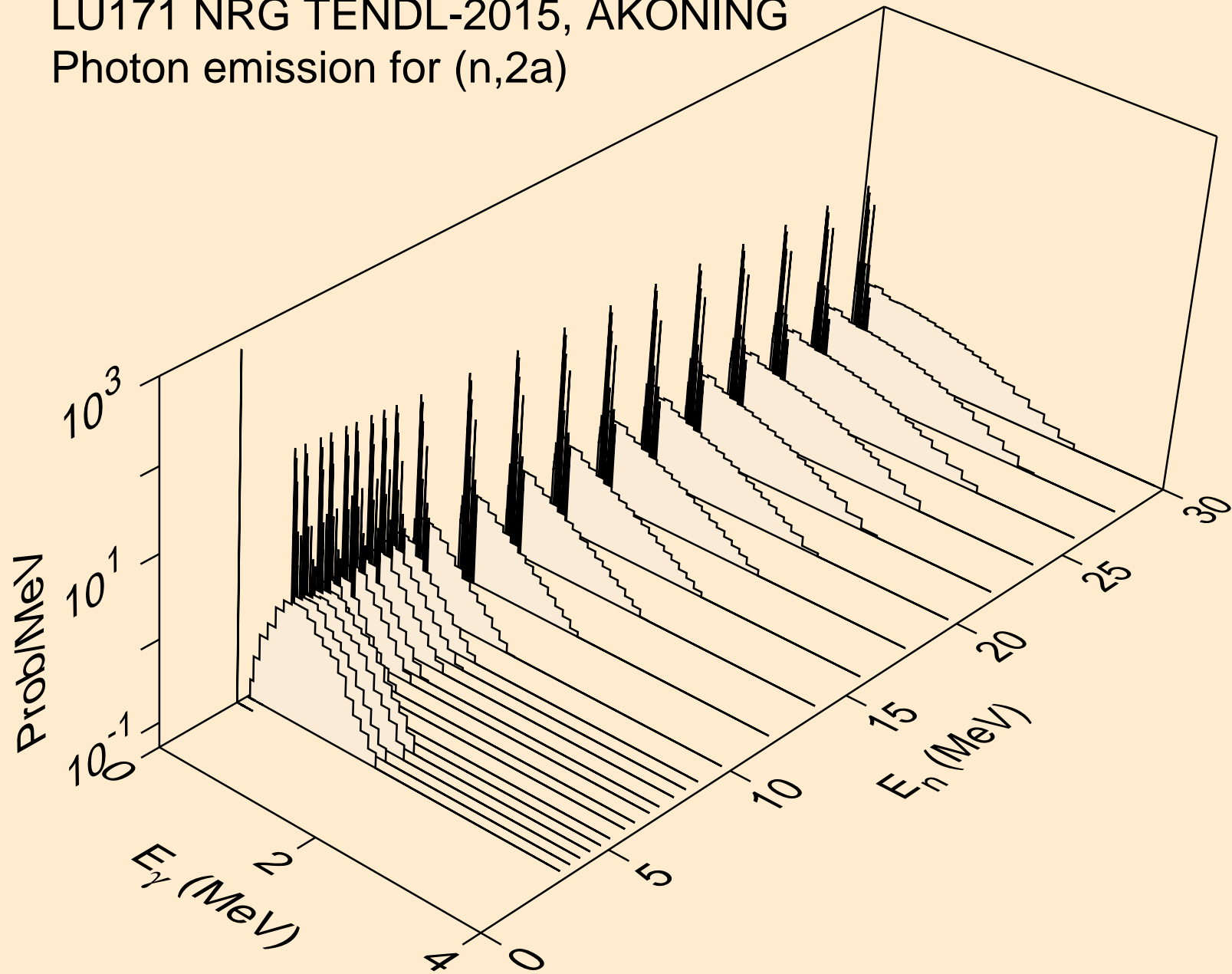
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



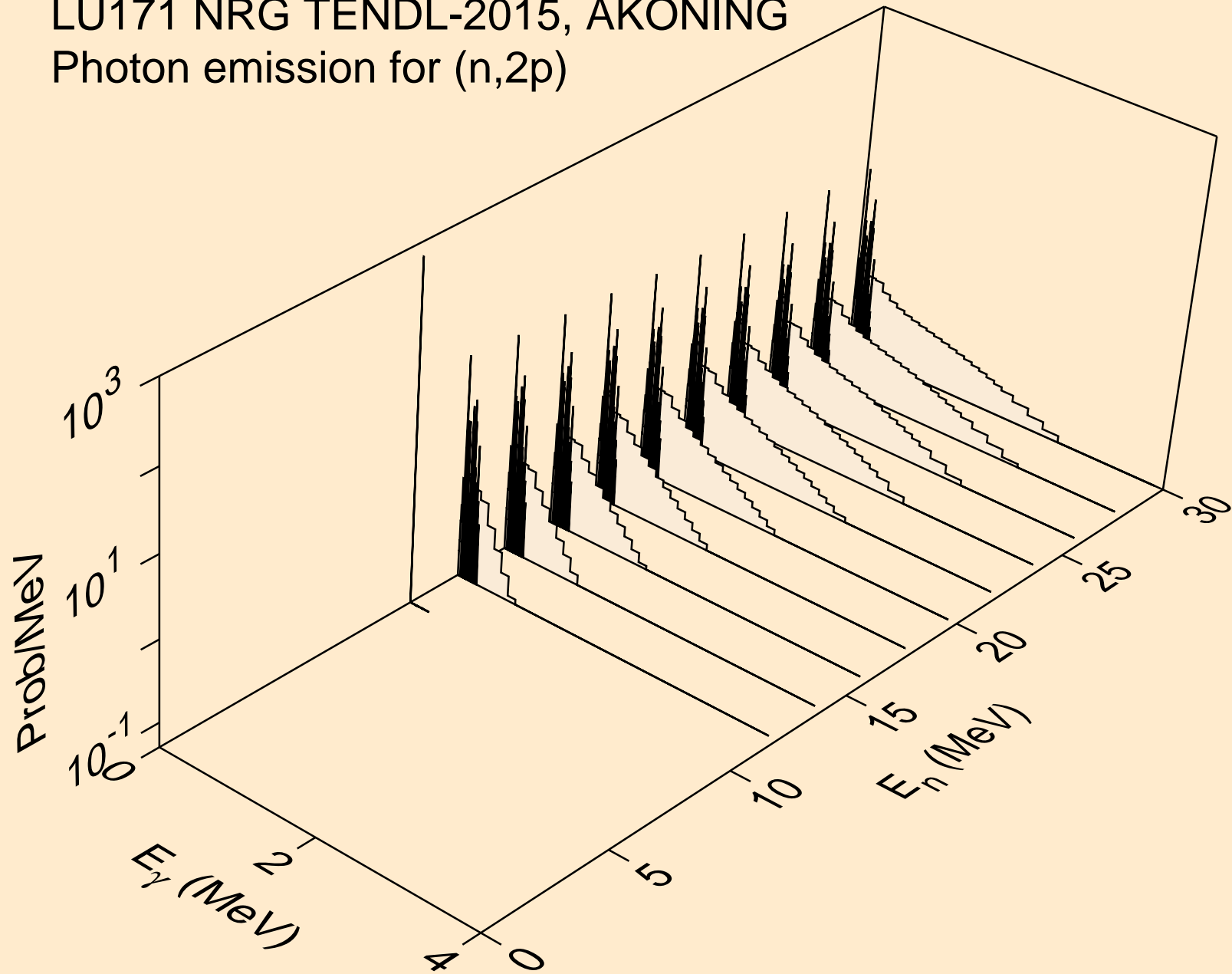
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



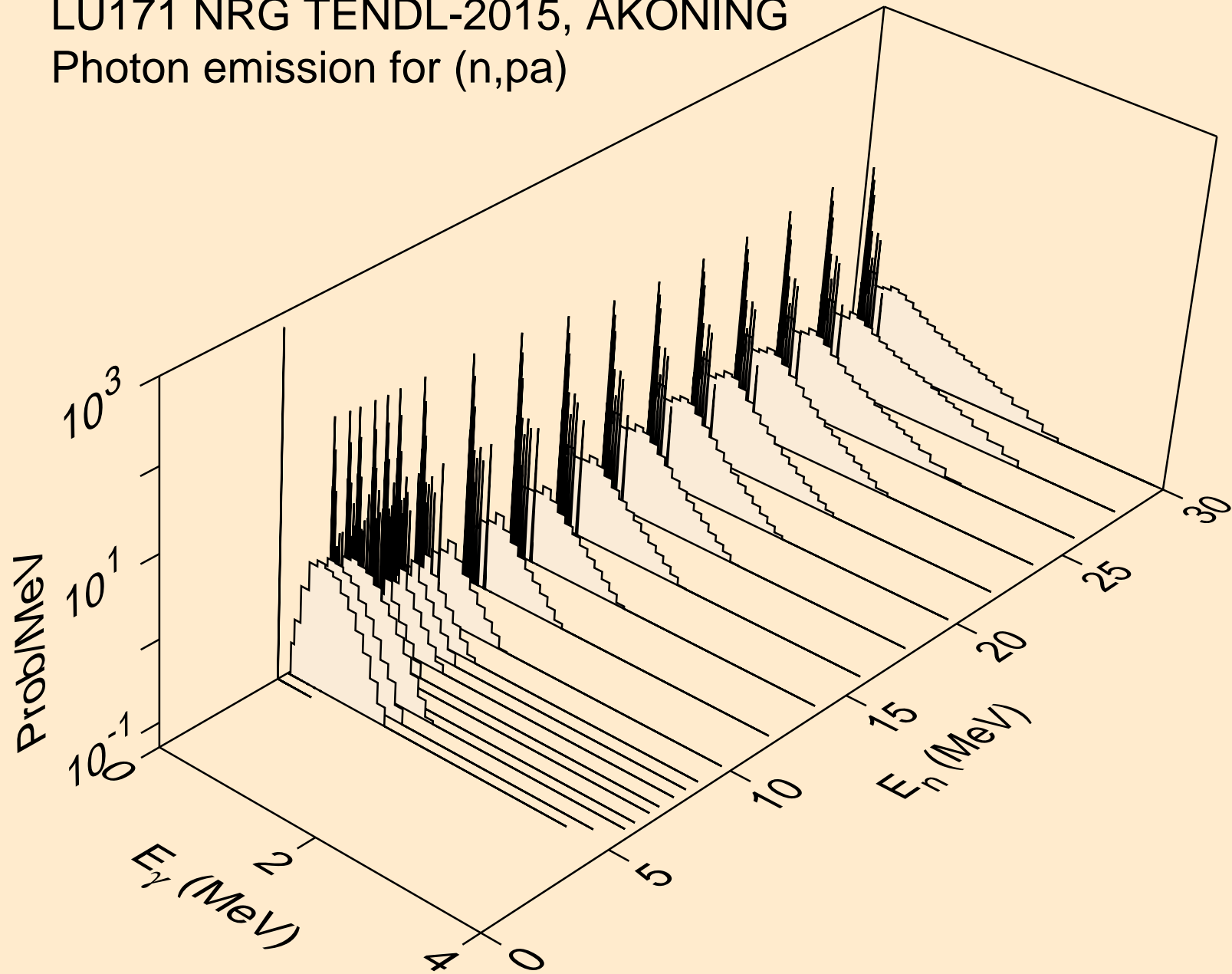
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



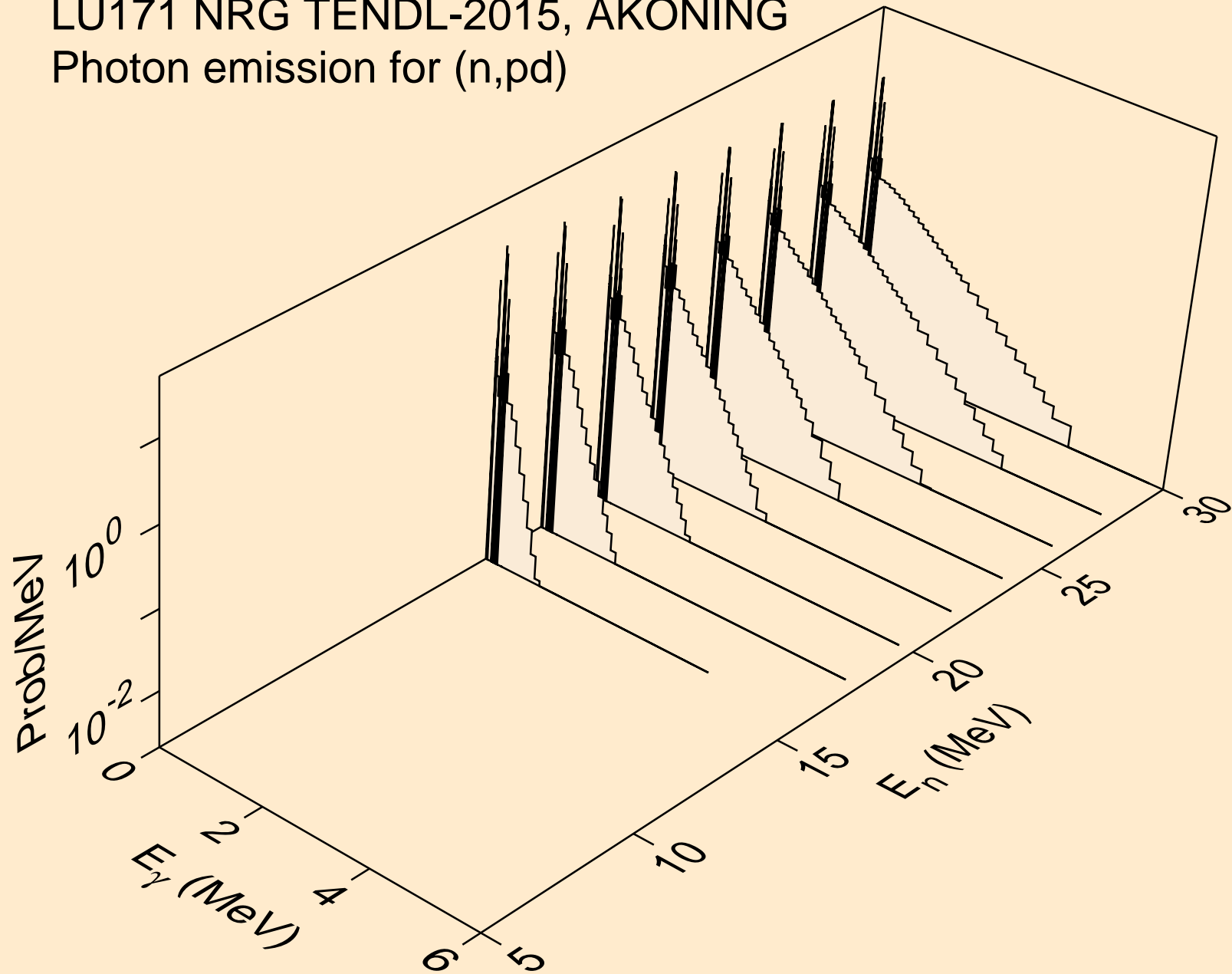
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



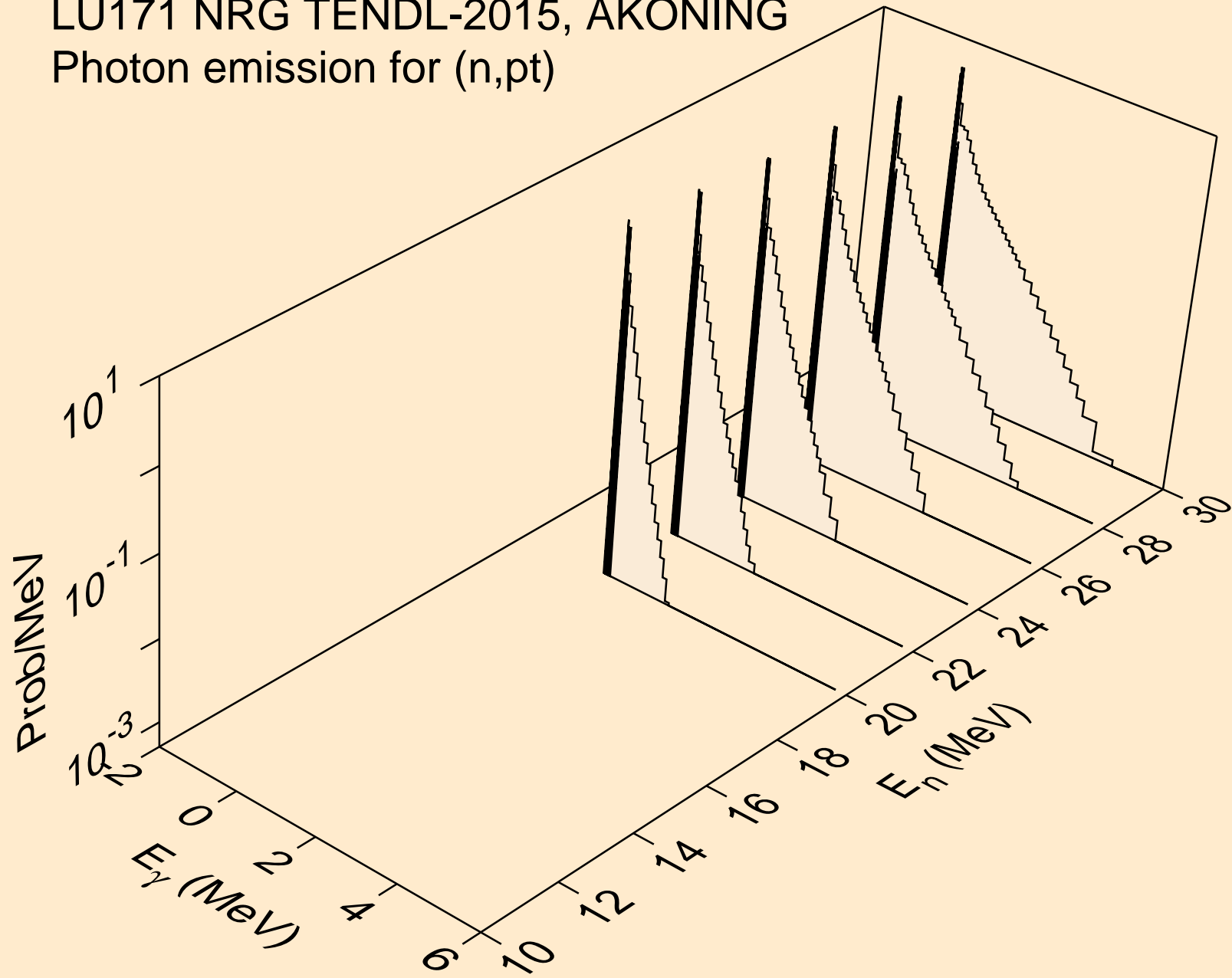
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

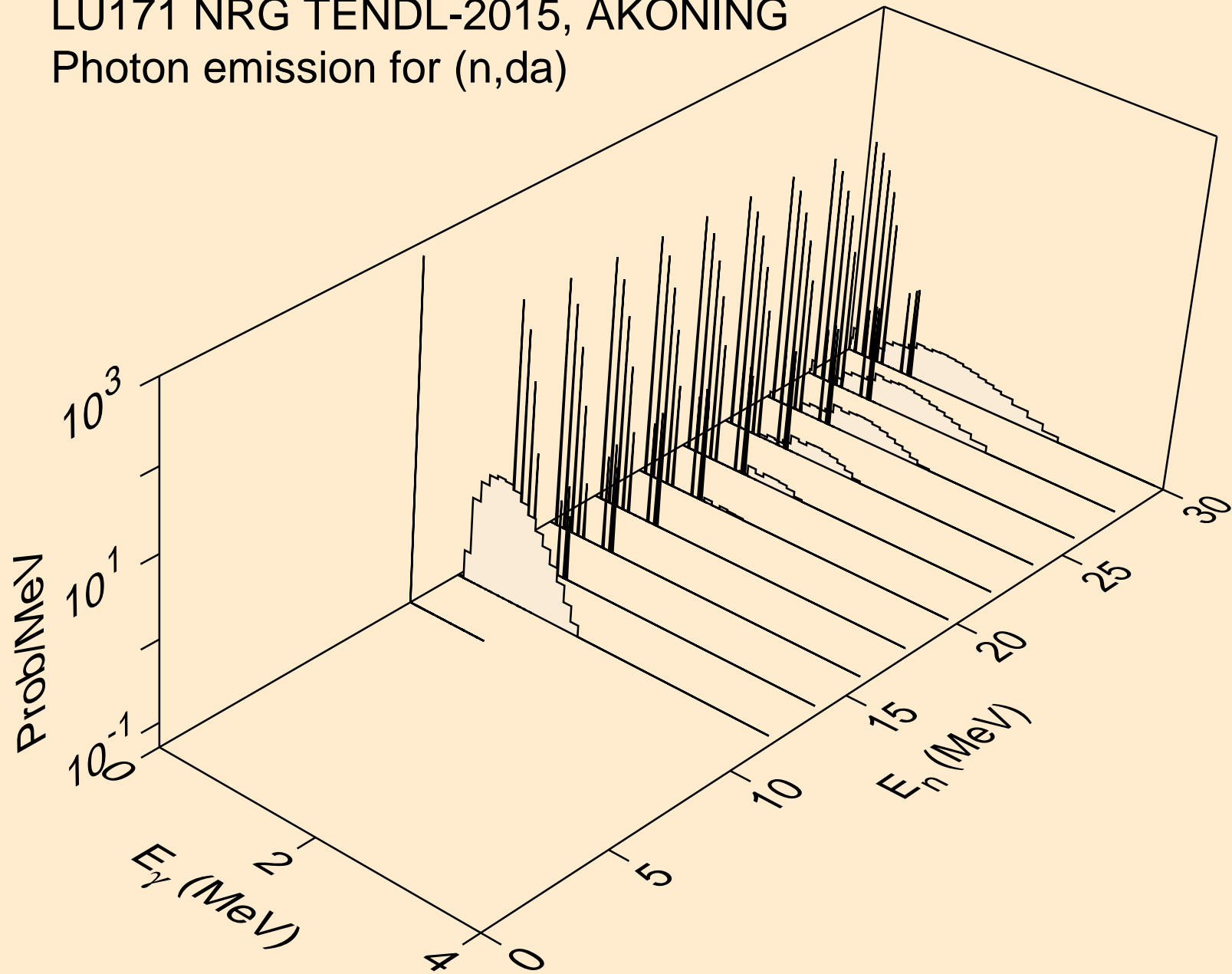


LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

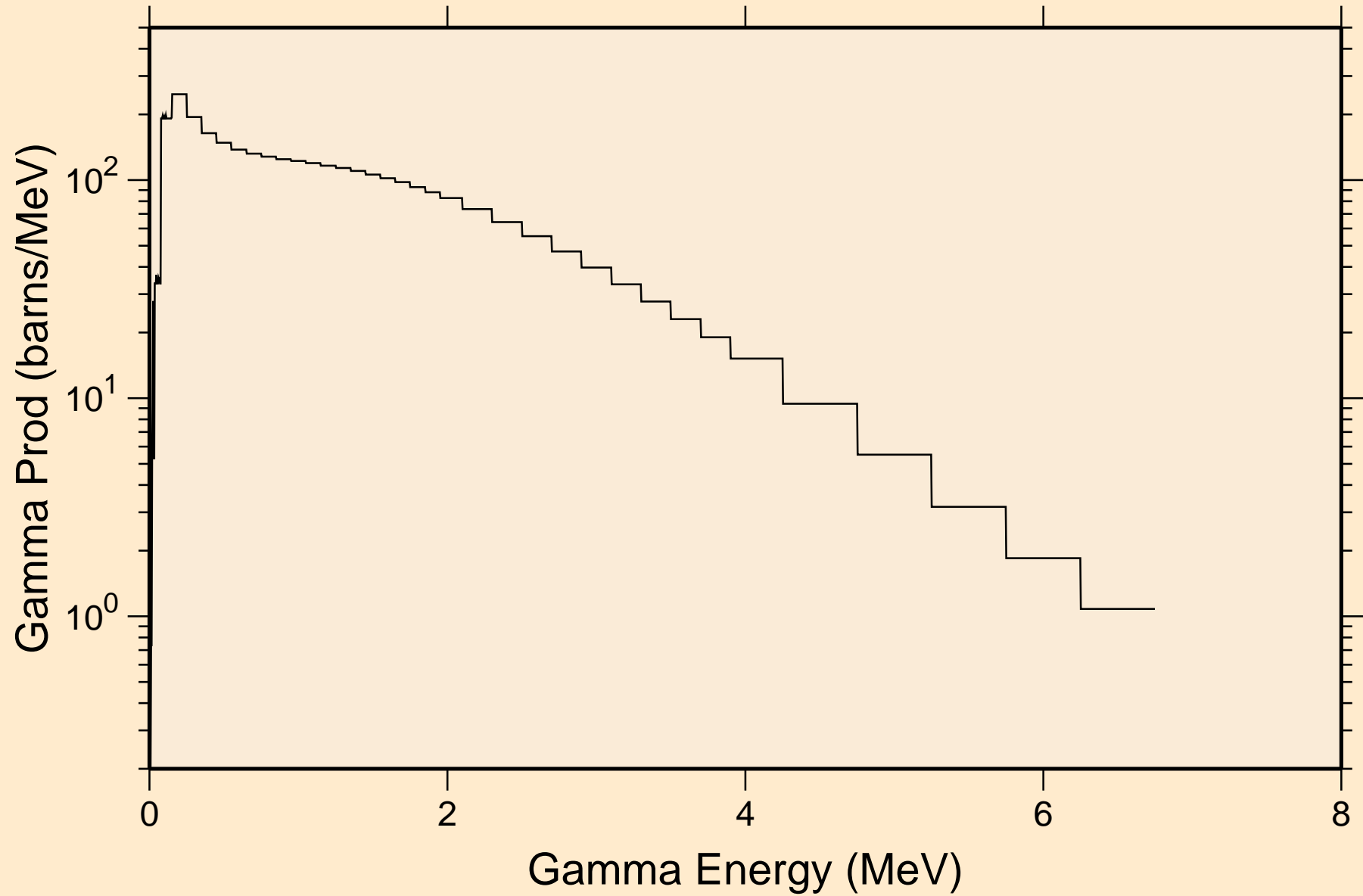




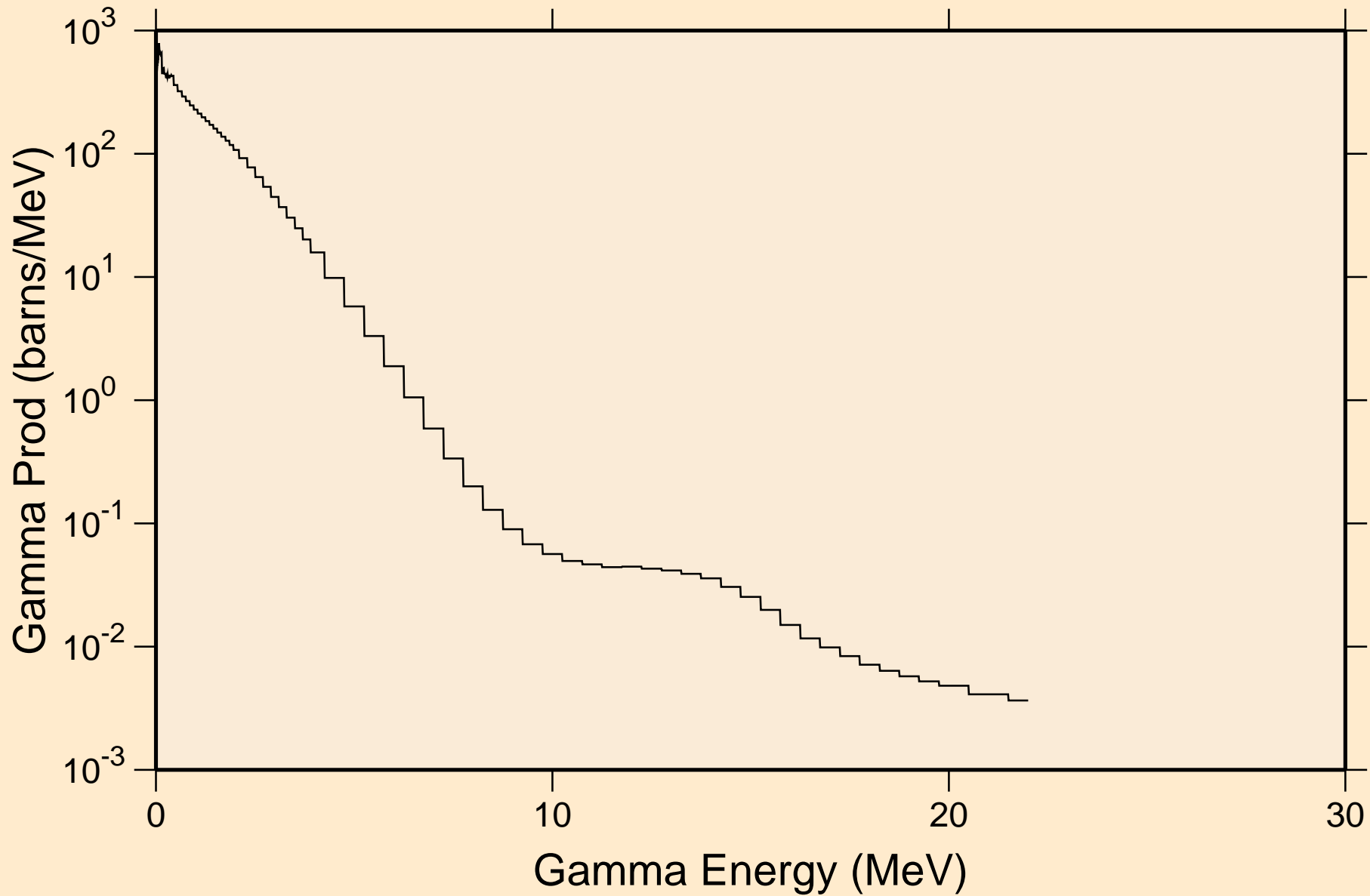
LU171 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



LU171 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

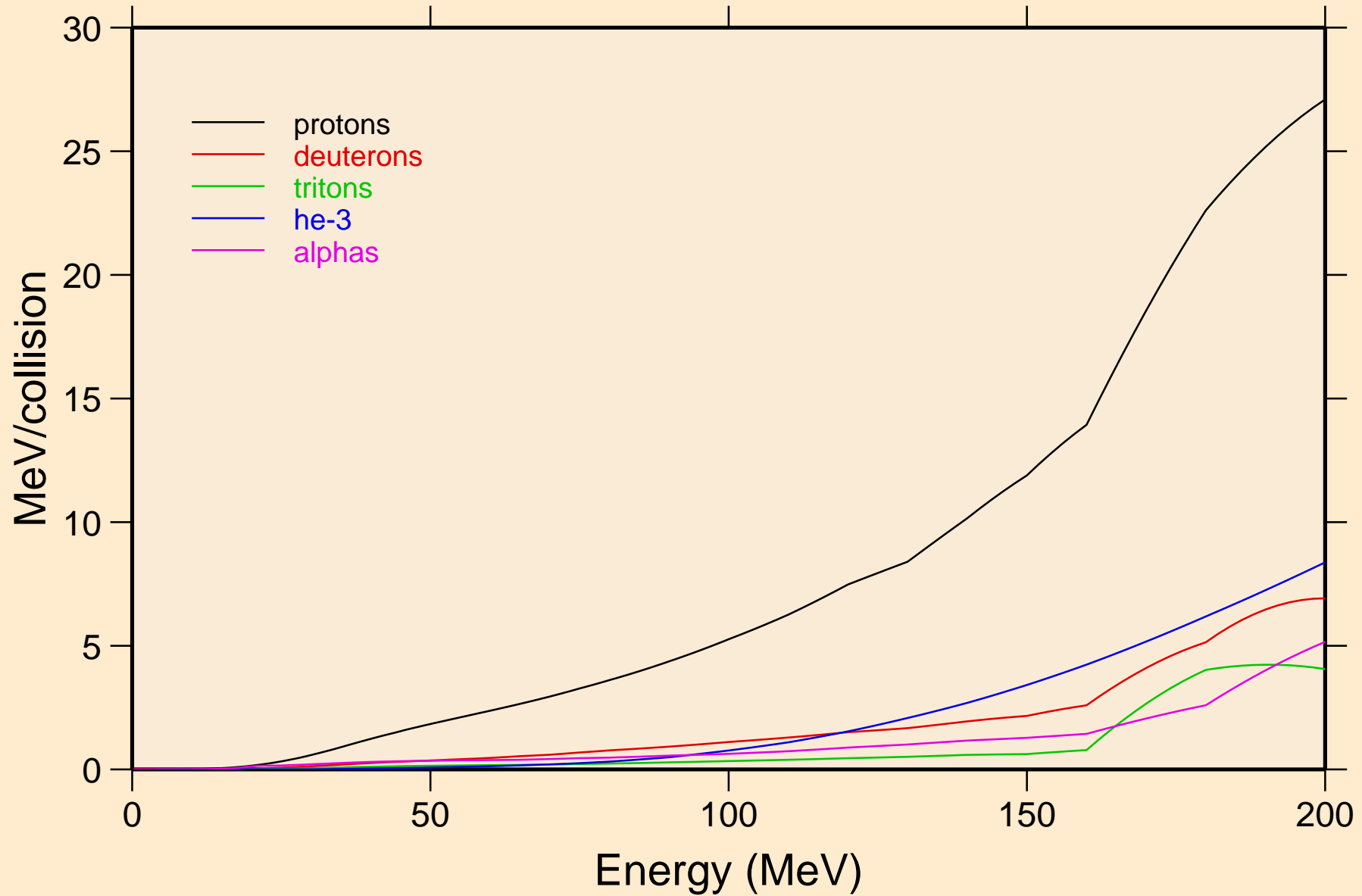


LU171 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



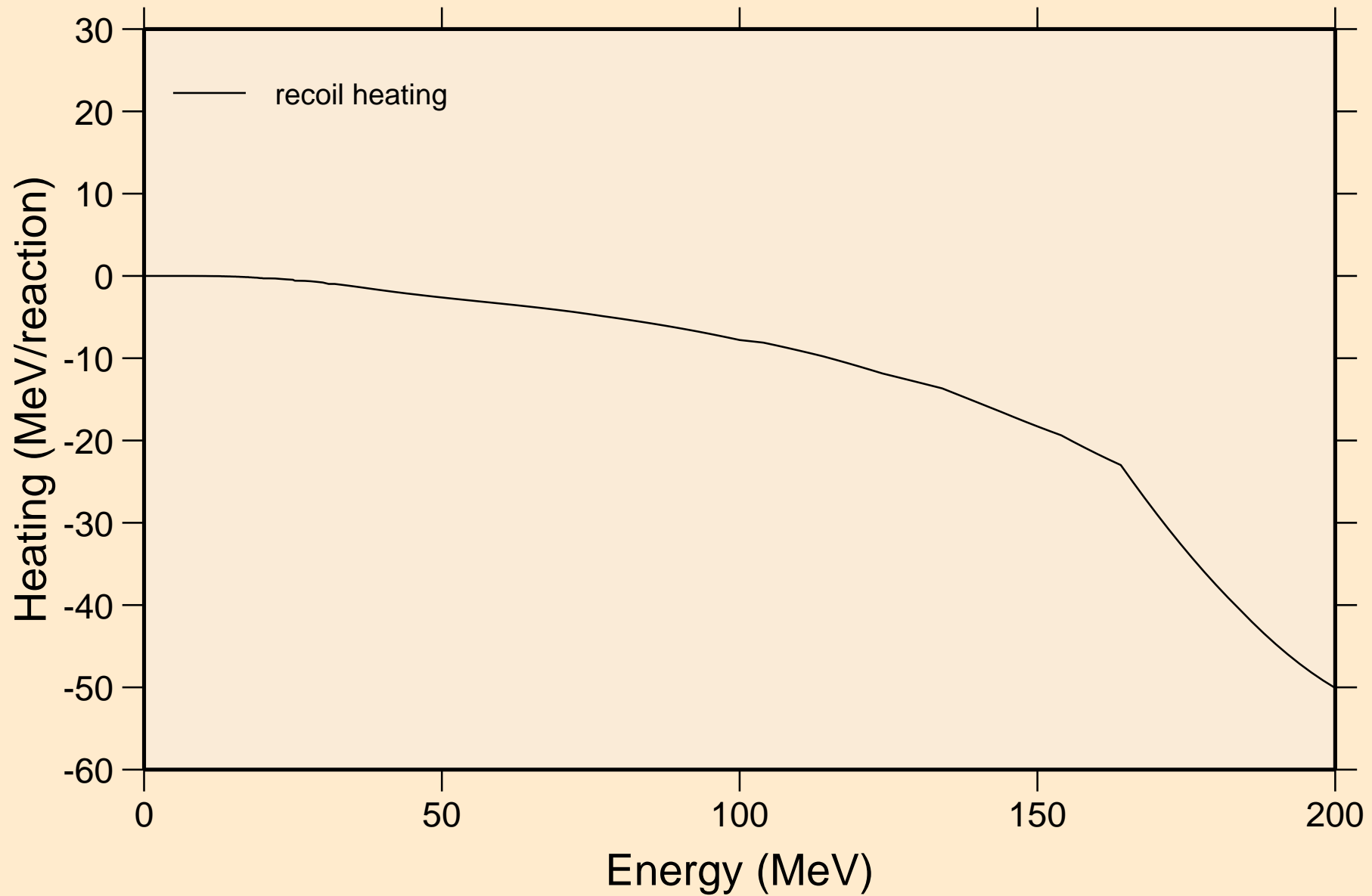
# LU171 NRG TENDL-2015, AKONING

## Particle heating contributions



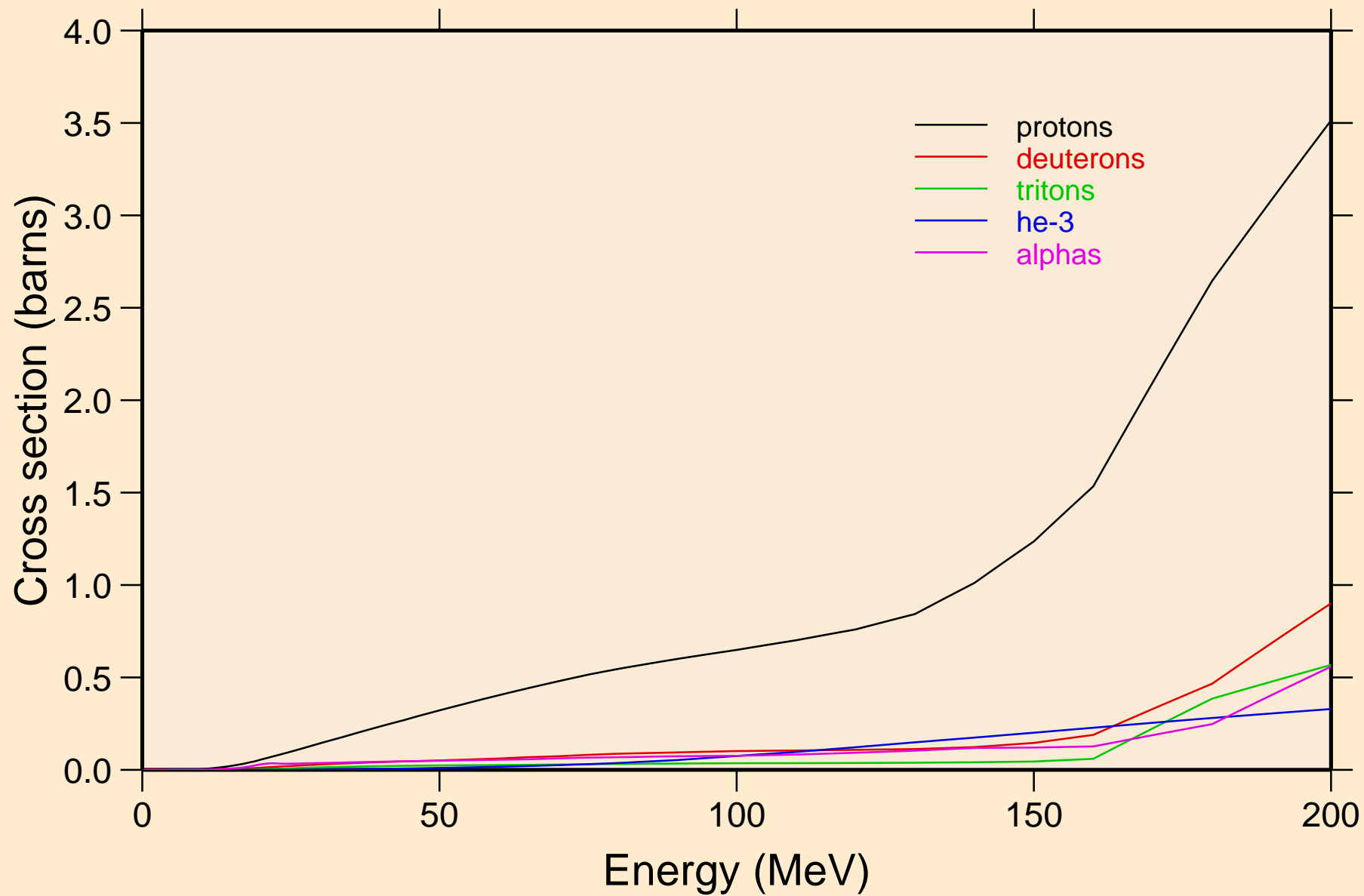
# LU171 NRG TENDL-2015, AKONING

## Recoil Heating

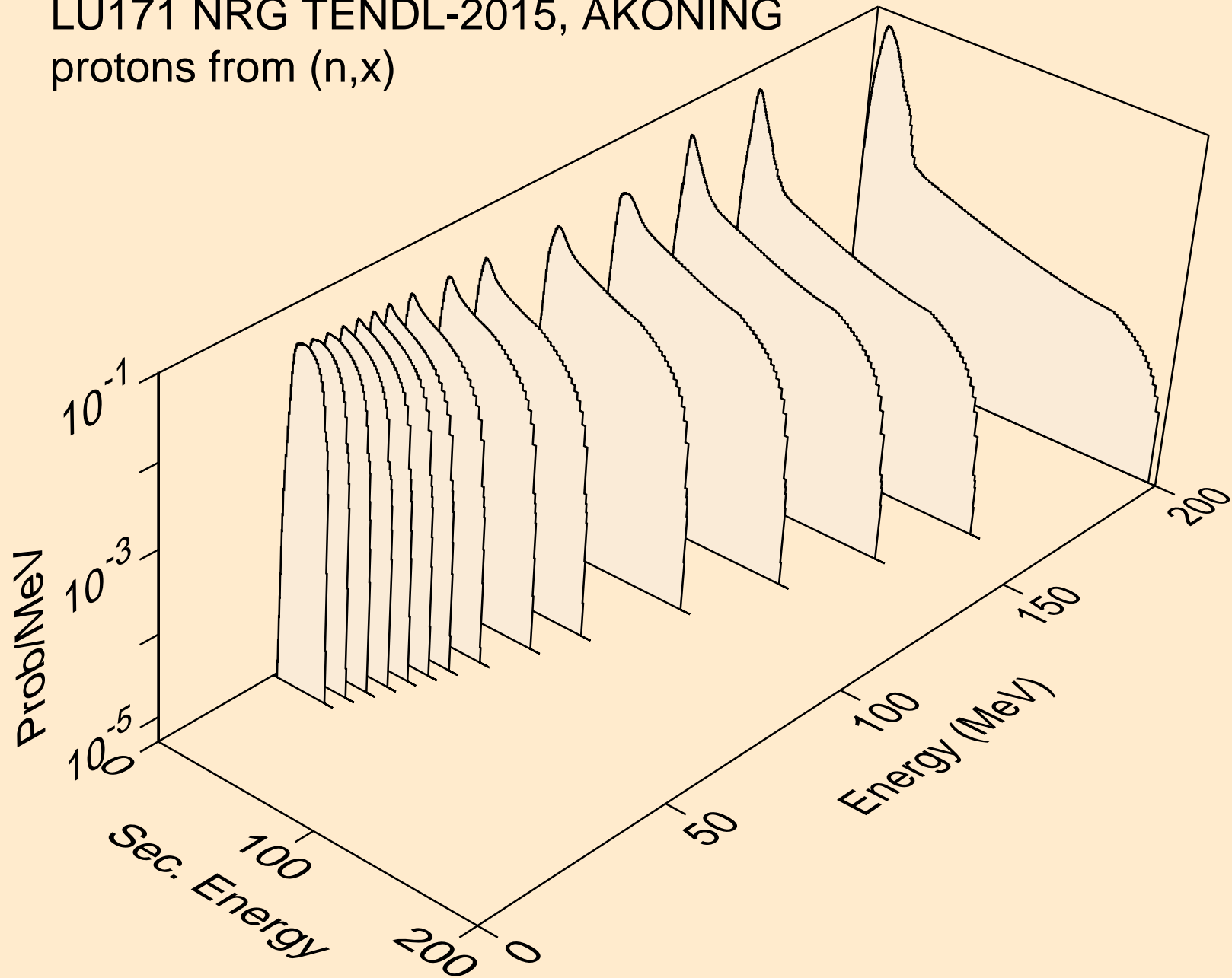


# LU171 NRG TENDL-2015, AKONING

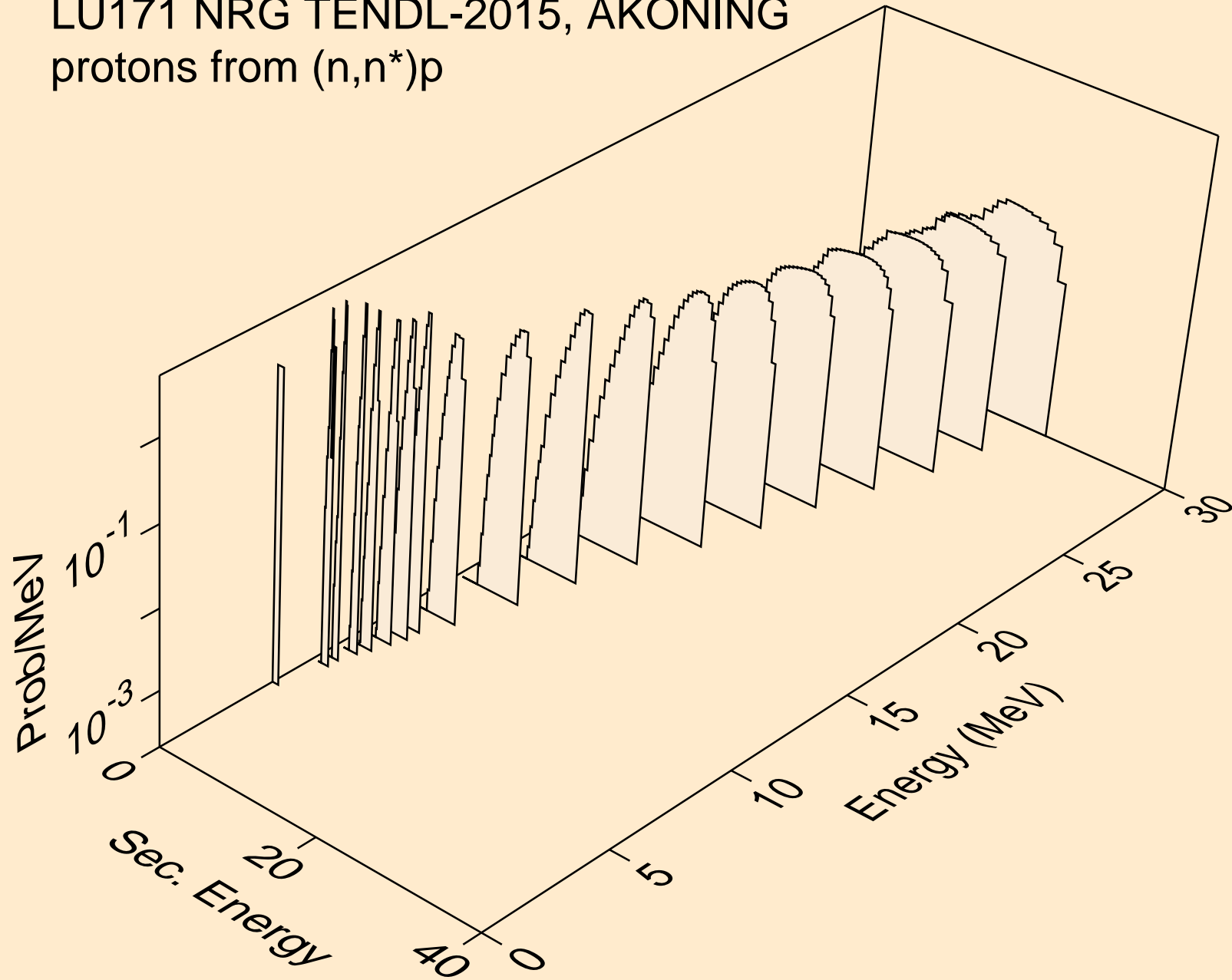
## Particle production cross sections



LU171 NRG TENDL-2015, AKONING  
protons from (n,x)

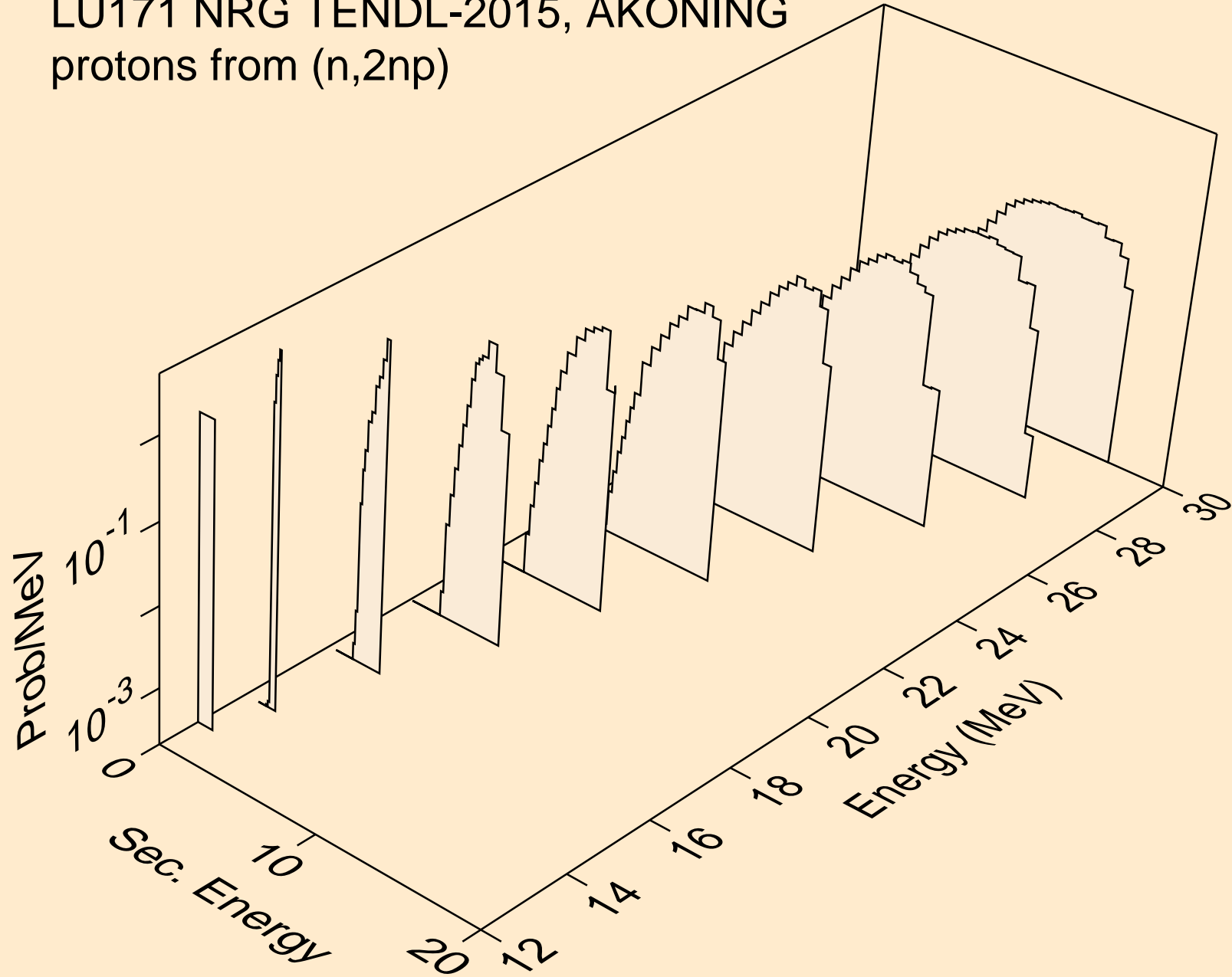


LU171 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

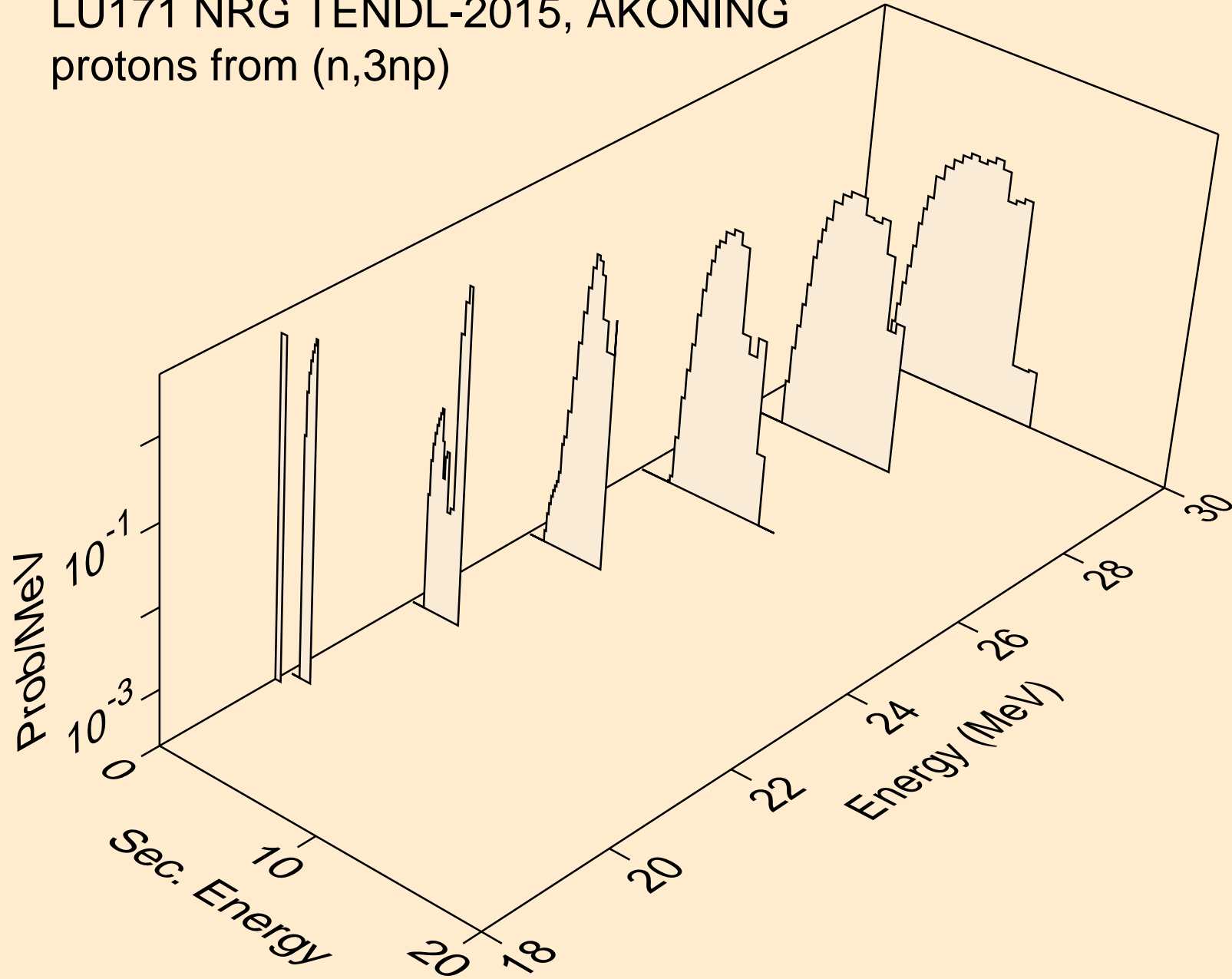




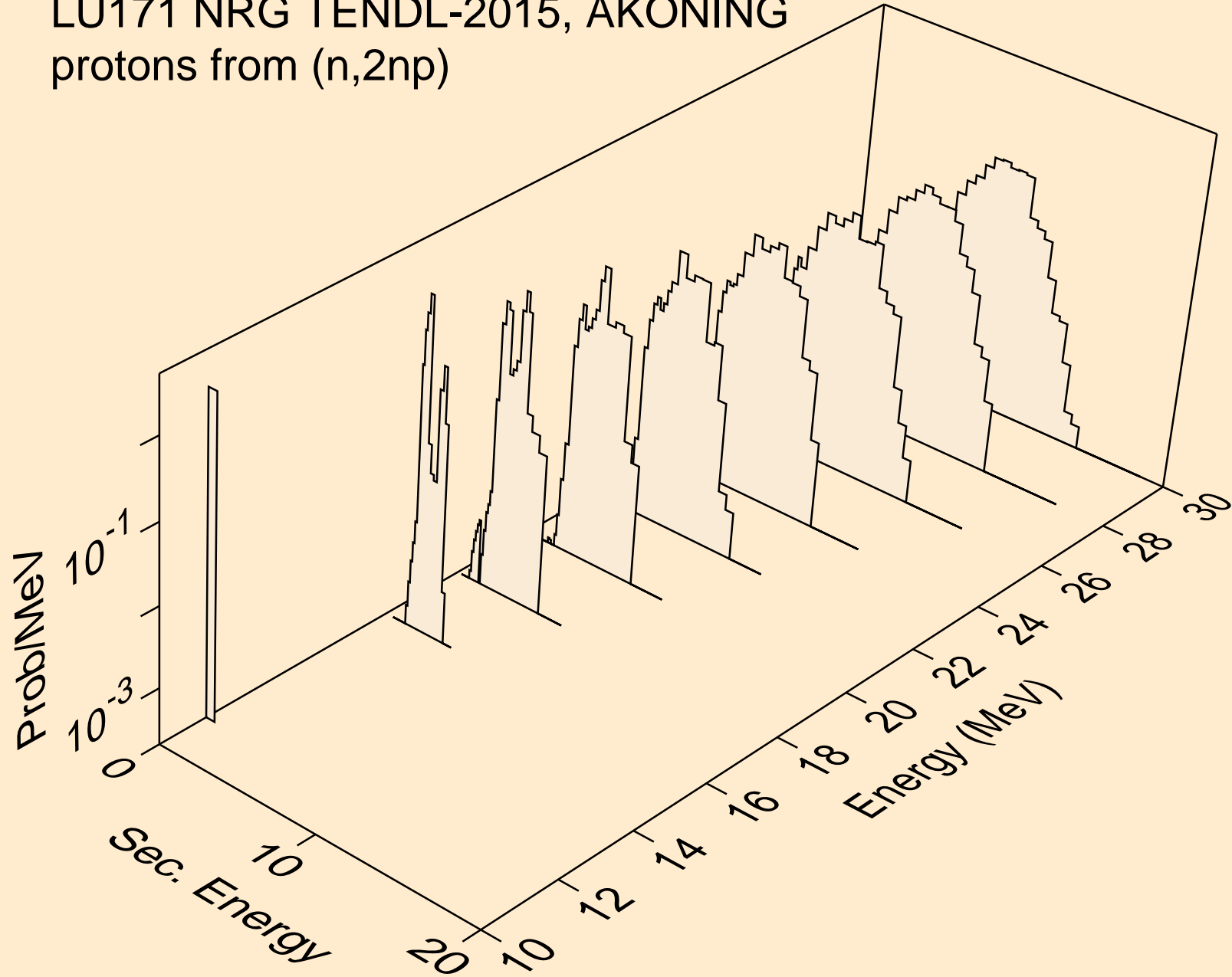
LU171 NRG TENDL-2015, AKONING  
protons from (n,2np)



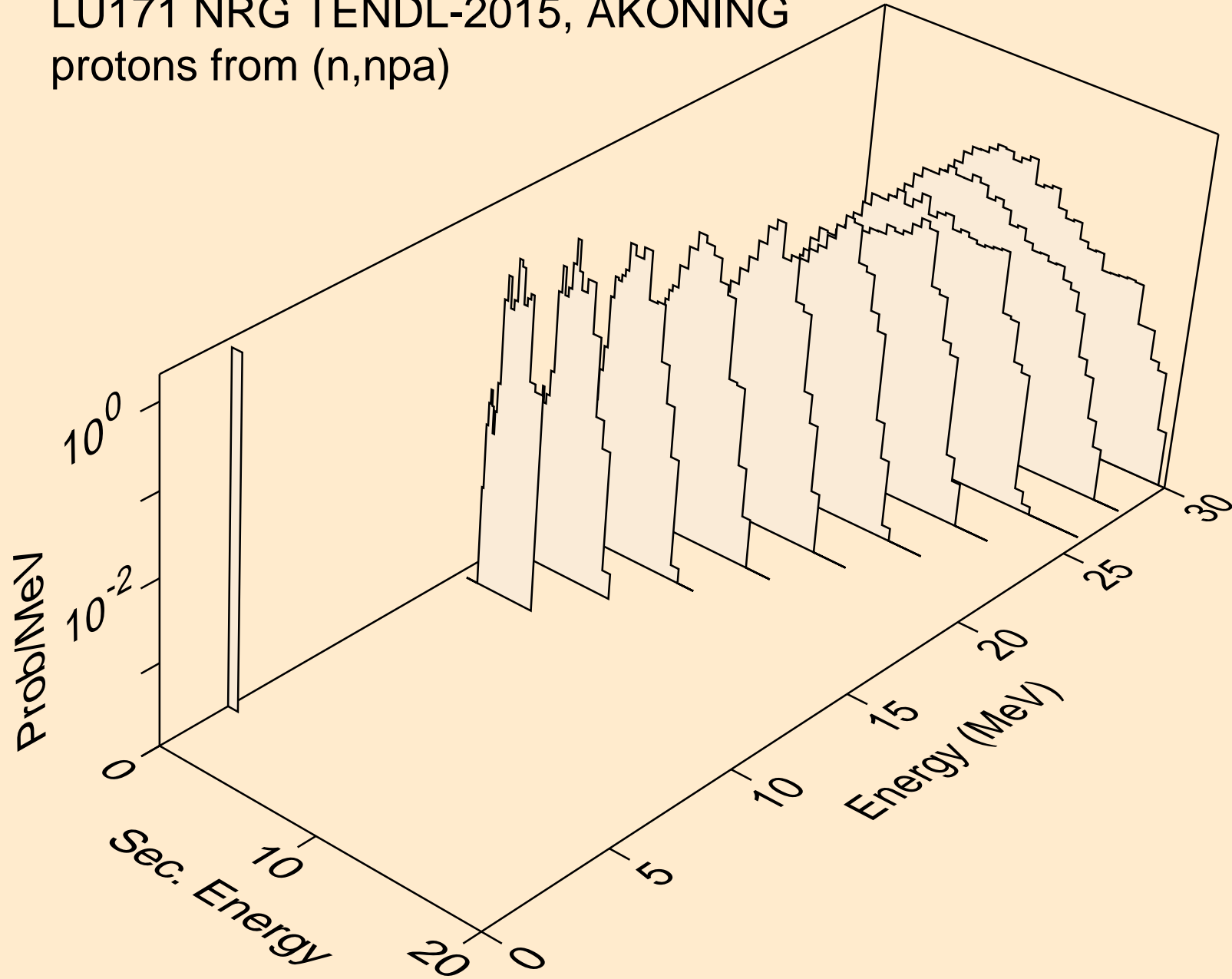
LU171 NRG TENDL-2015, AKONING  
protons from (n,3np)



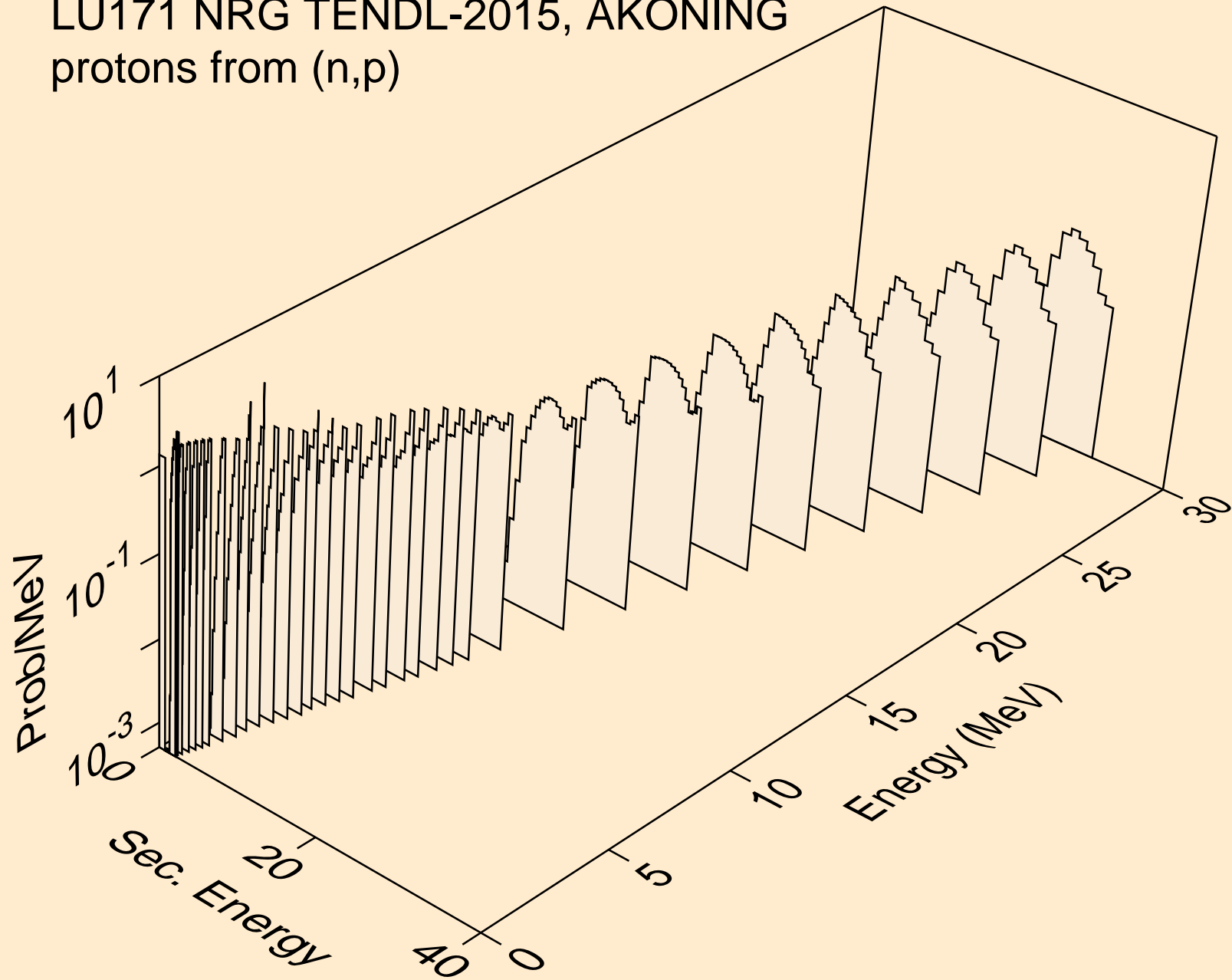
LU171 NRG TENDL-2015, AKONING  
protons from (n,2np)



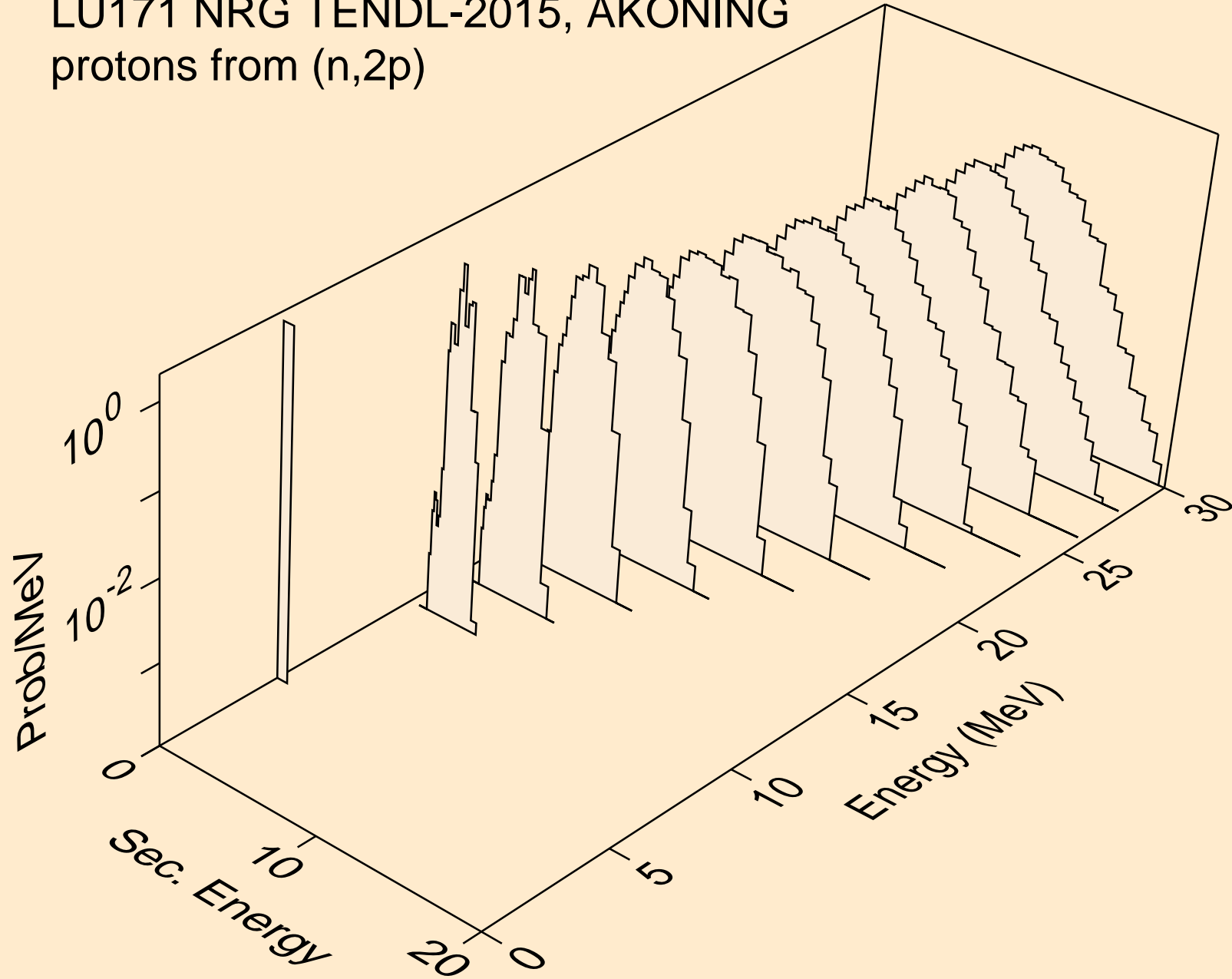
LU171 NRG TENDL-2015, AKONING  
protons from (n,npa)



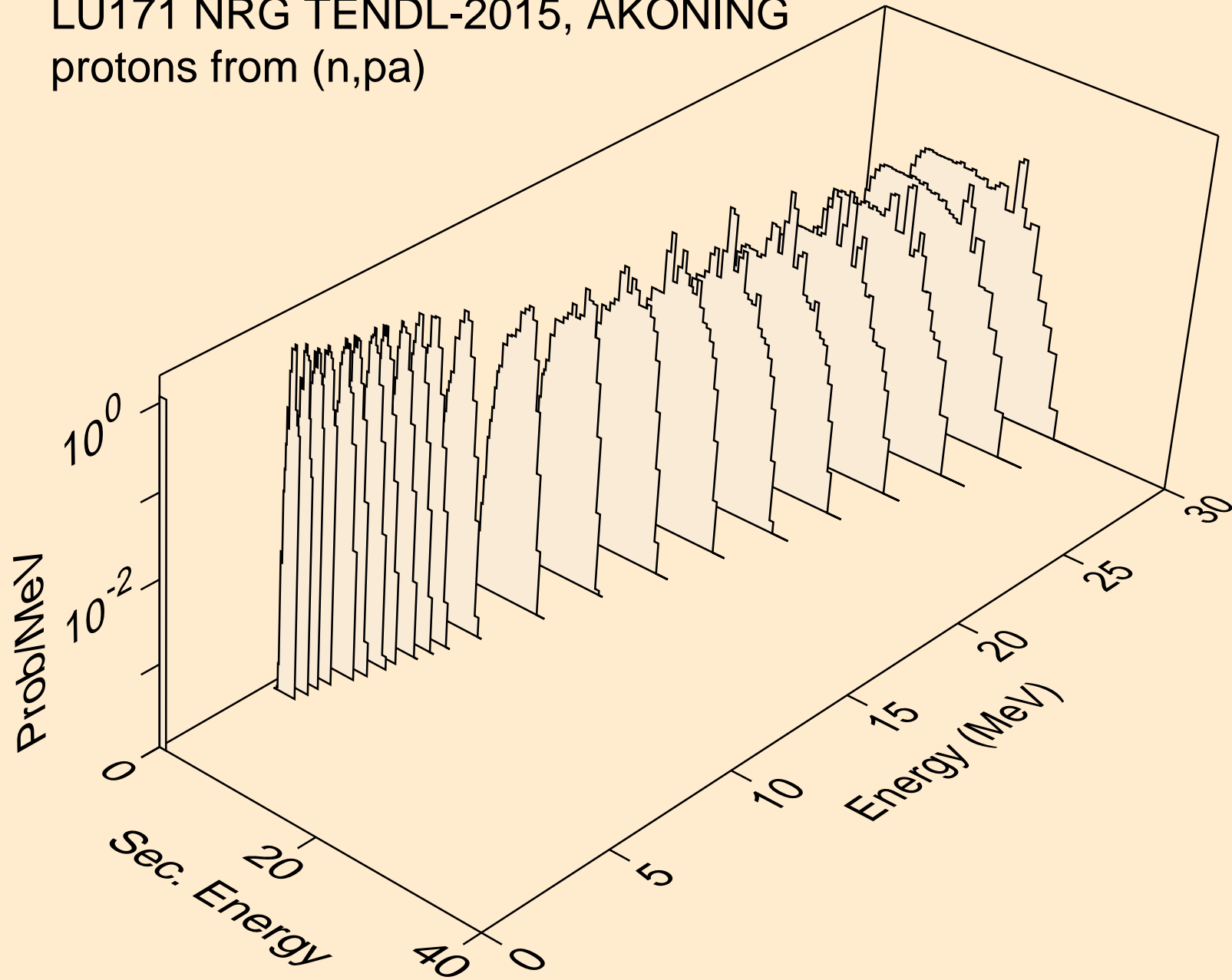
LU171 NRG TENDL-2015, AKONING  
protons from (n,p)



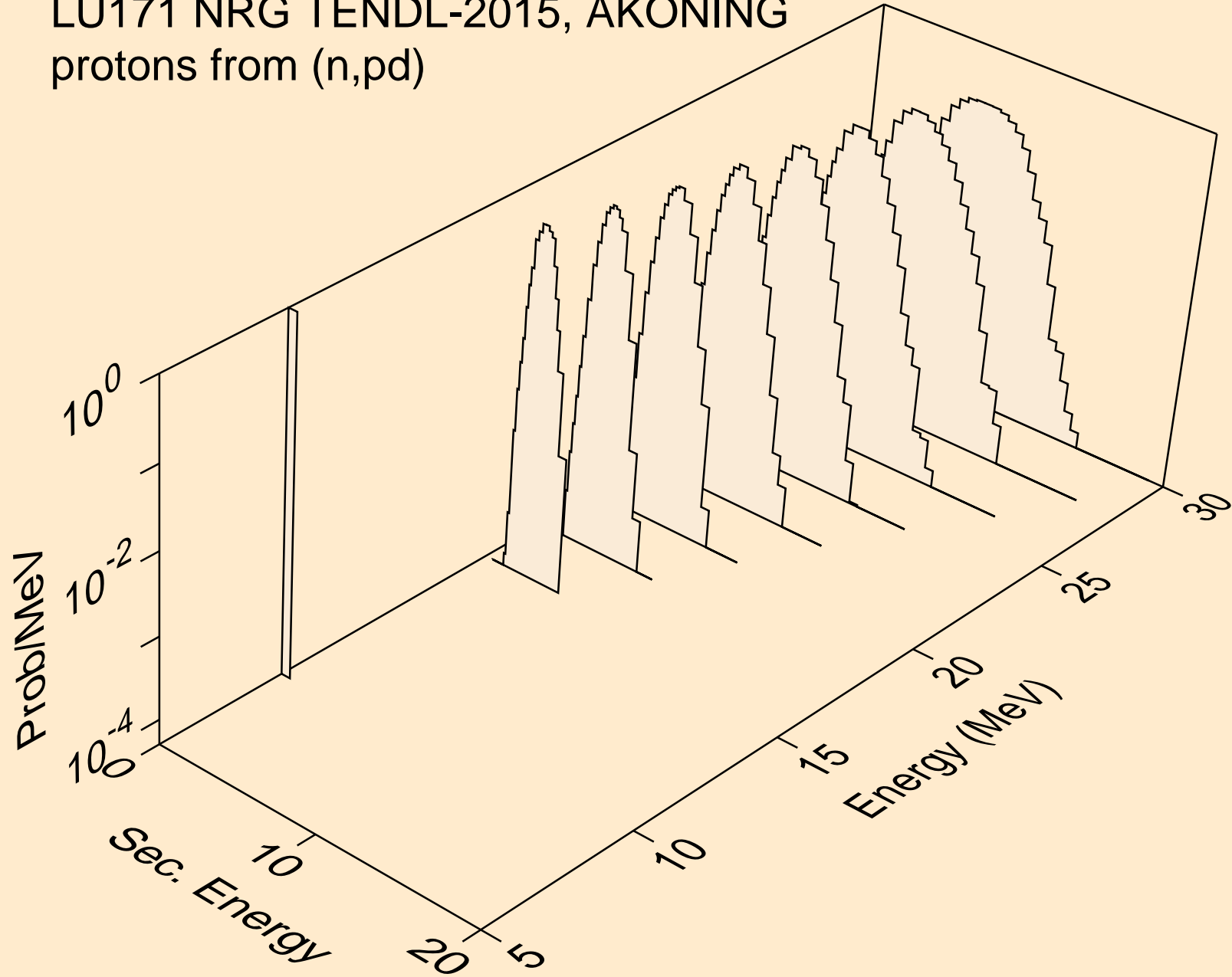
LU171 NRG TENDL-2015, AKONING  
protons from (n,2p)



LU171 NRG TENDL-2015, AKONING  
protons from (n,pa)

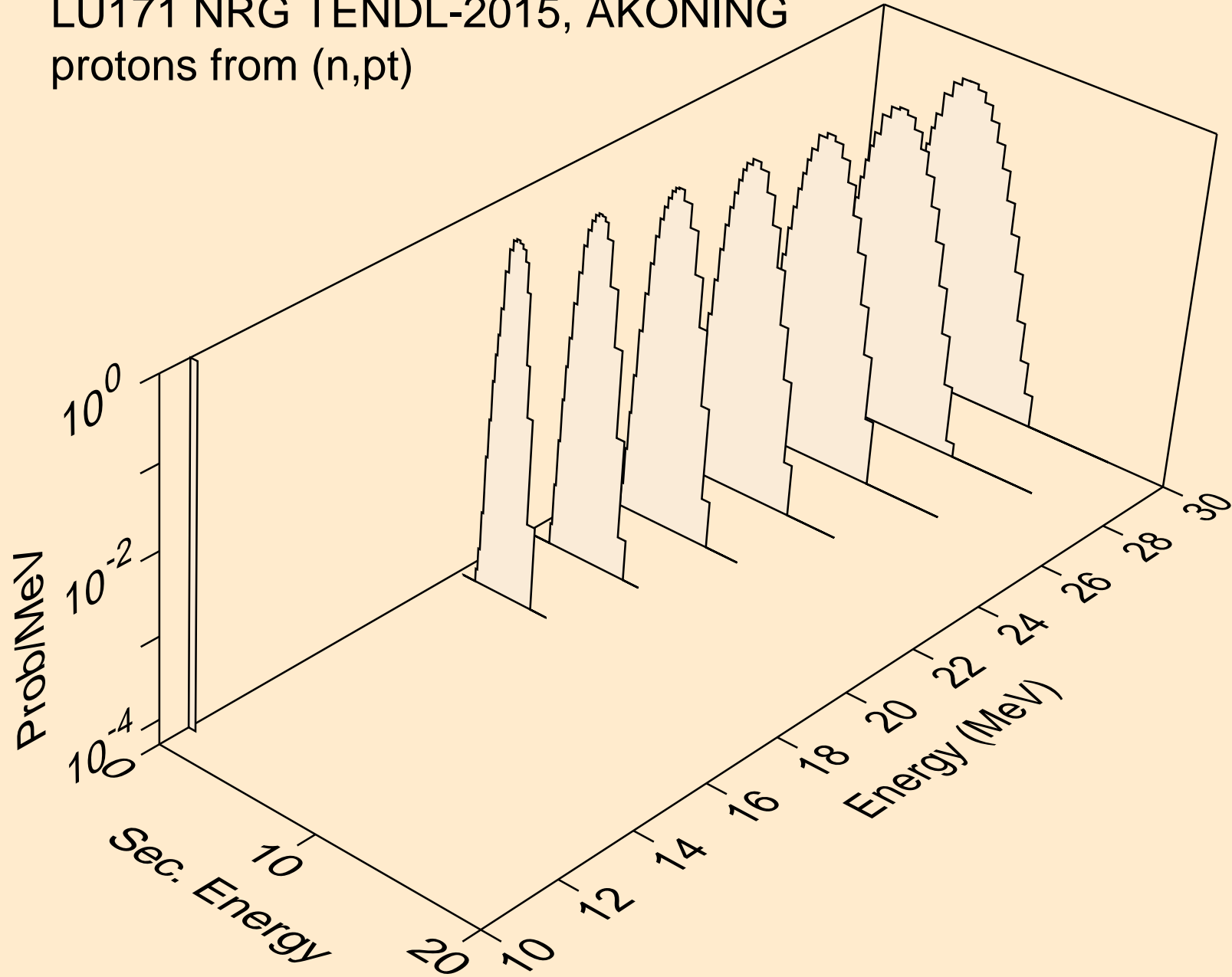


LU171 NRG TENDL-2015, AKONING  
protons from (n,pd)

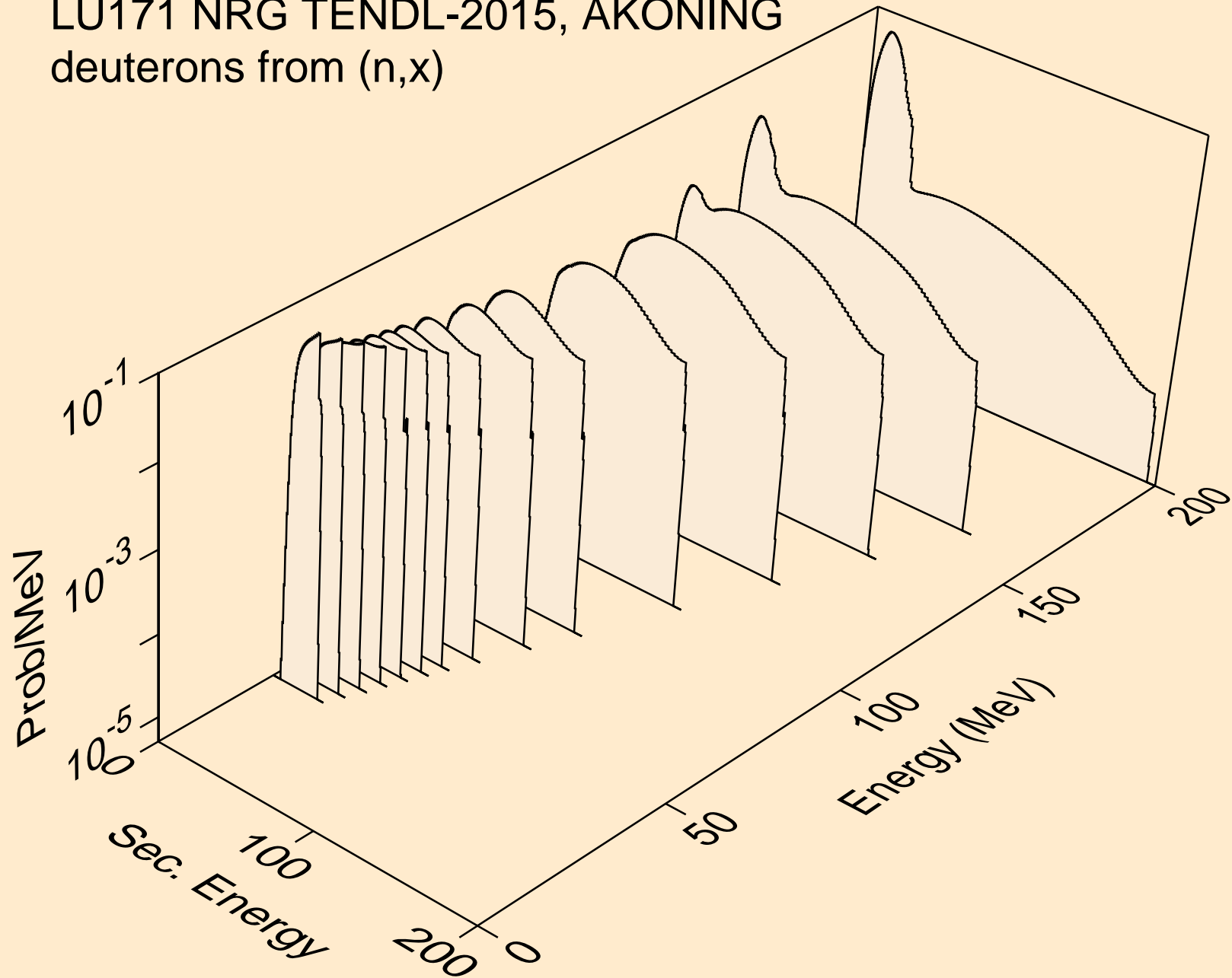




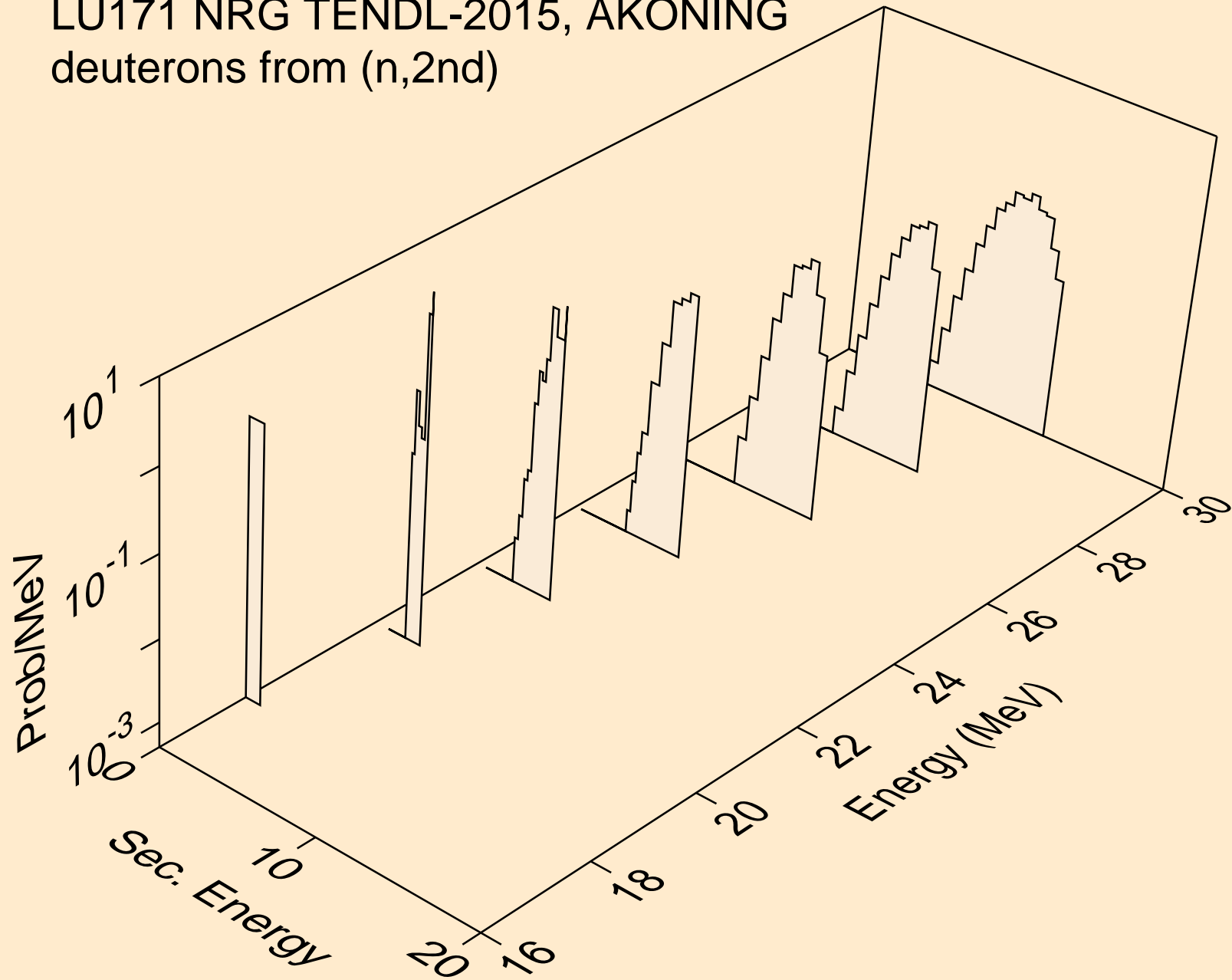
LU171 NRG TENDL-2015, AKONING  
protons from (n,pt)



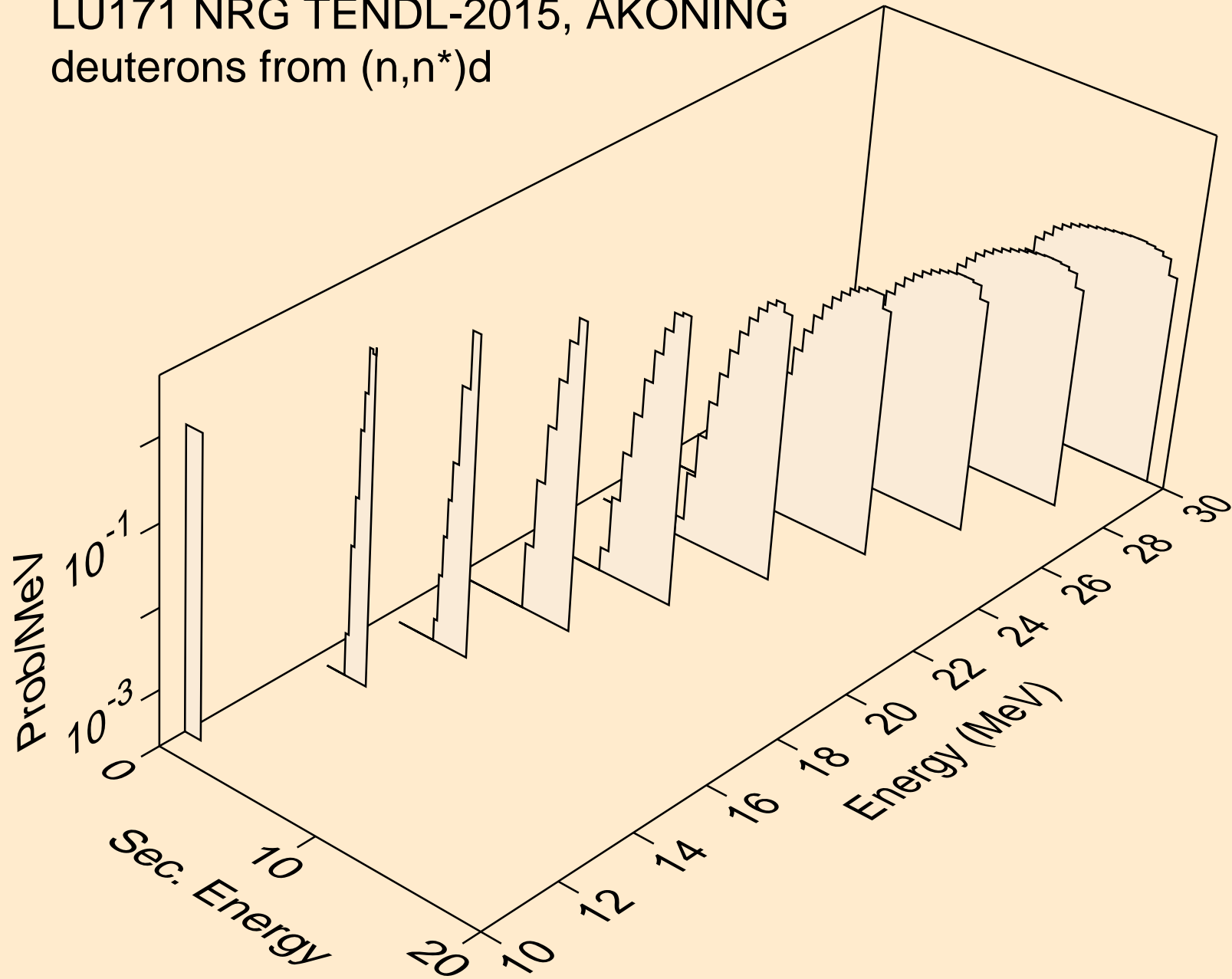
LU171 NRG TENDL-2015, AKONING  
deuterons from (n,x)



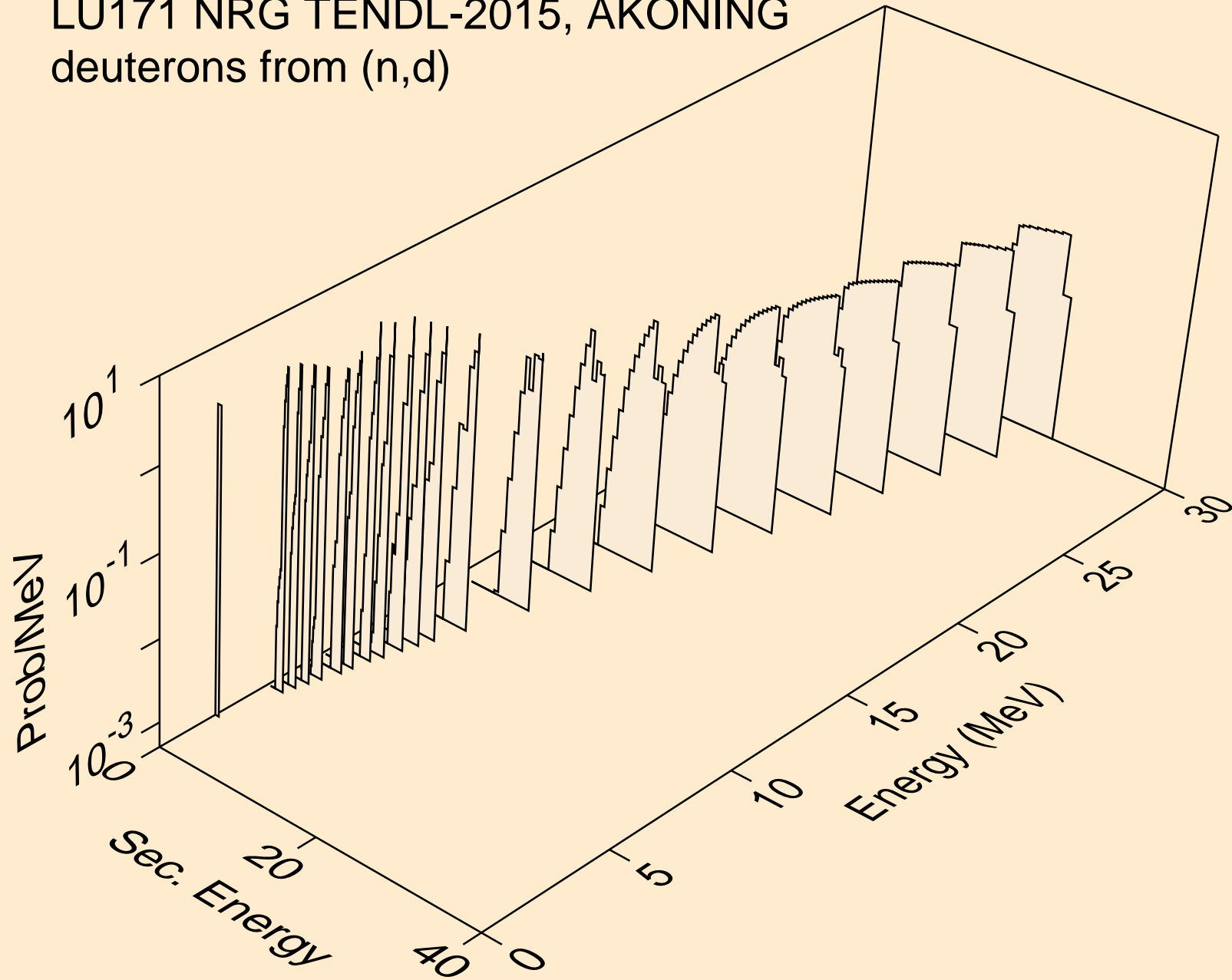
LU171 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



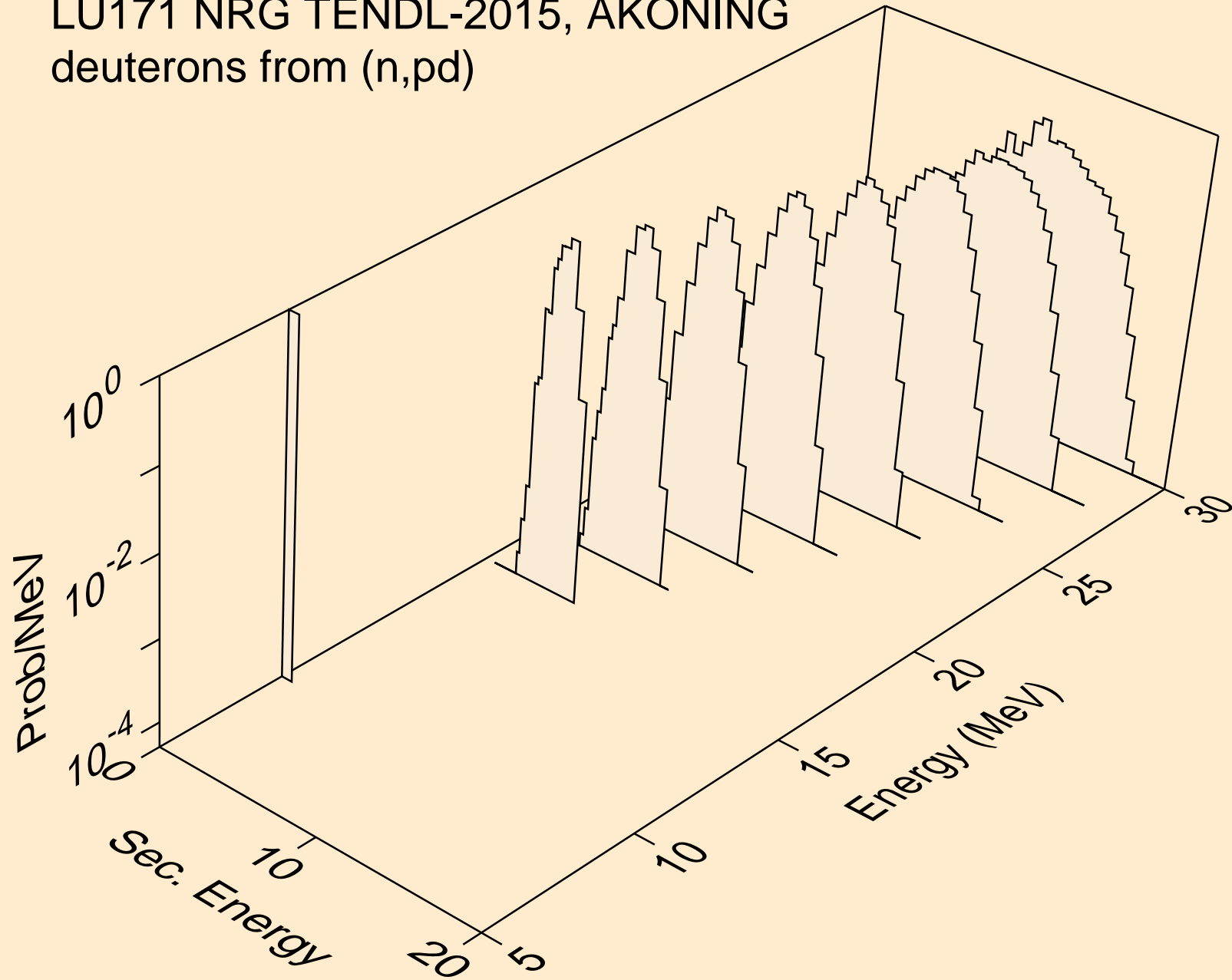
LU171 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



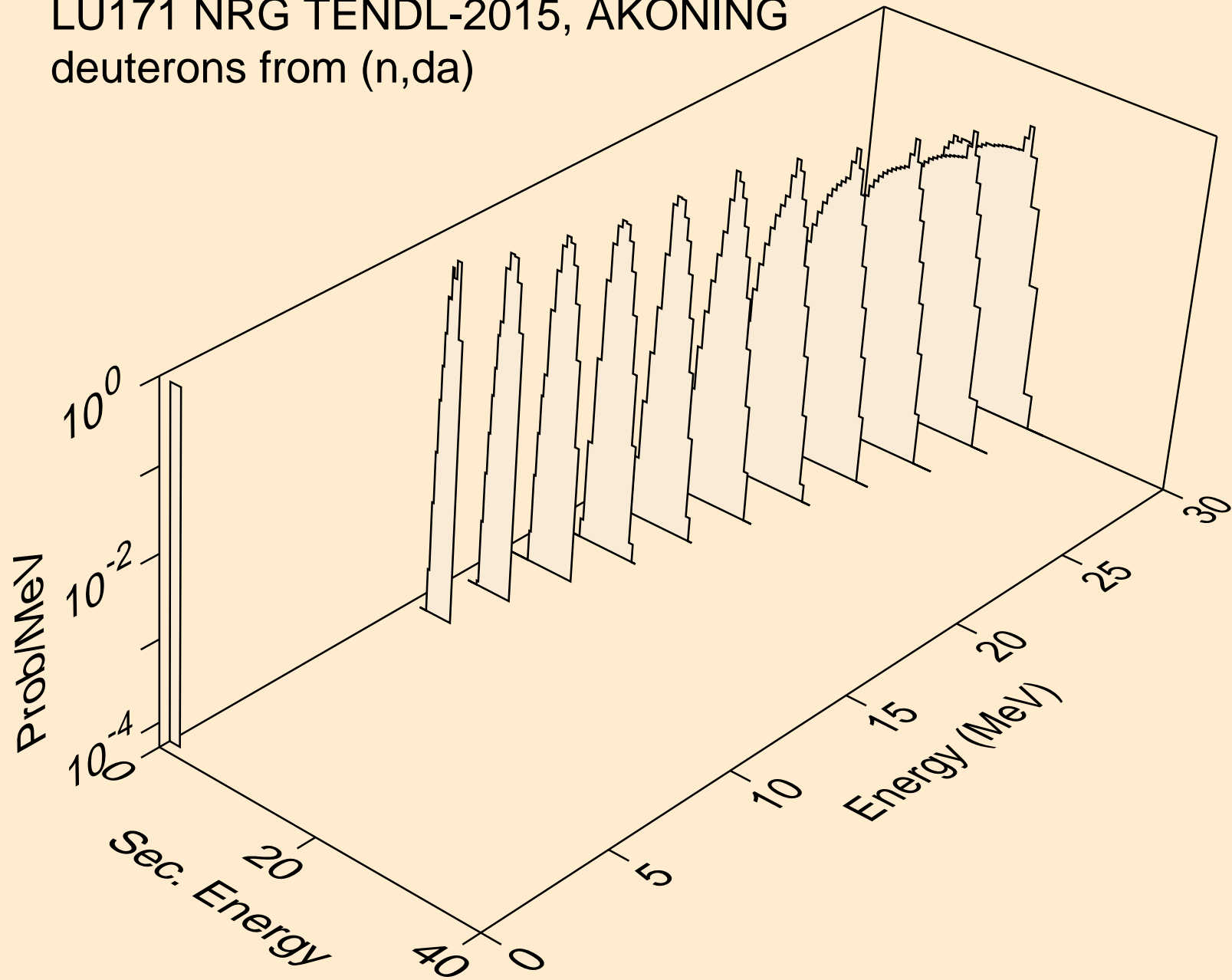
LU171 NRG TENDL-2015, AKONING  
deuterons from (n,d)



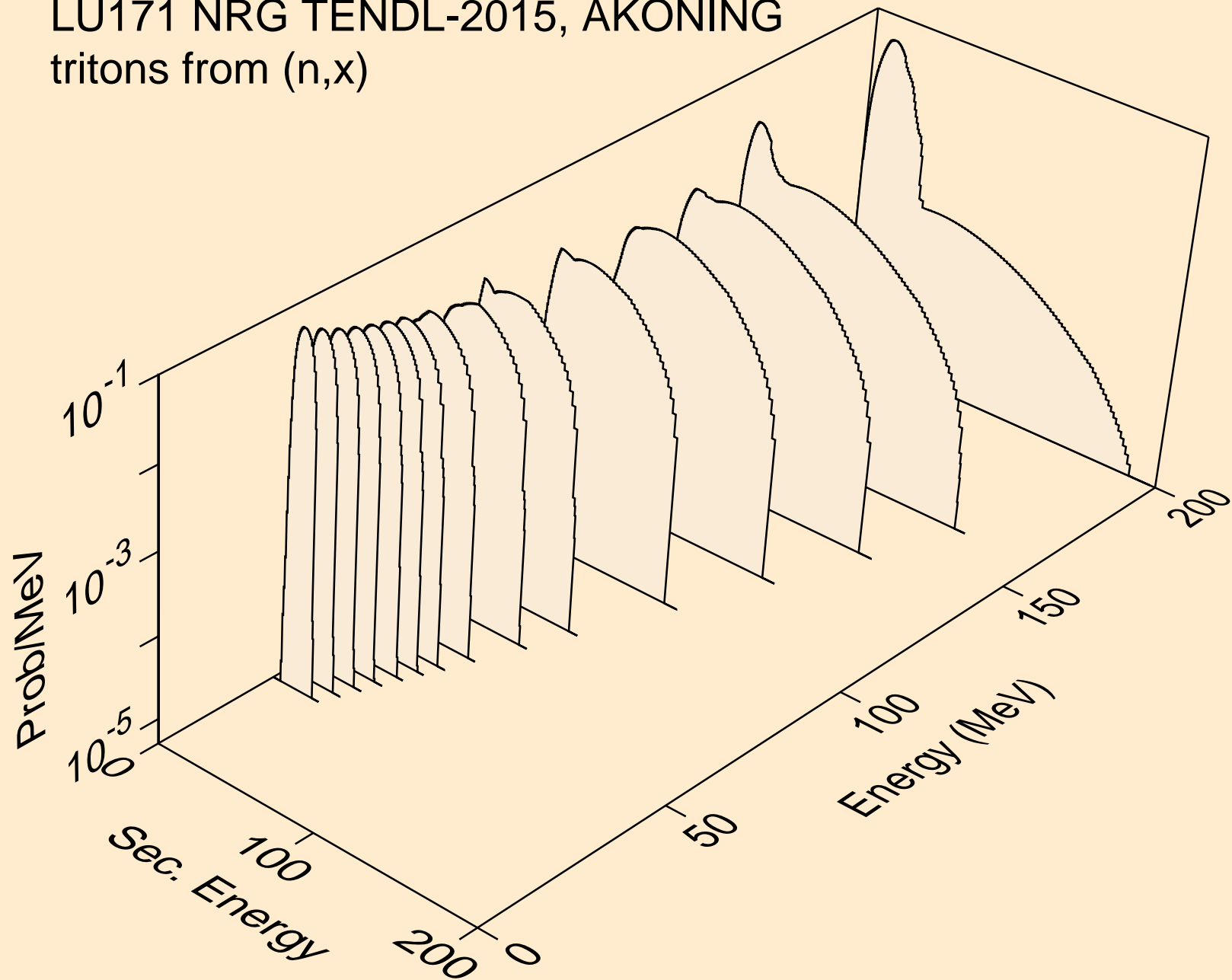
LU171 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



LU171 NRG TENDL-2015, AKONING  
deuterons from (n,da)

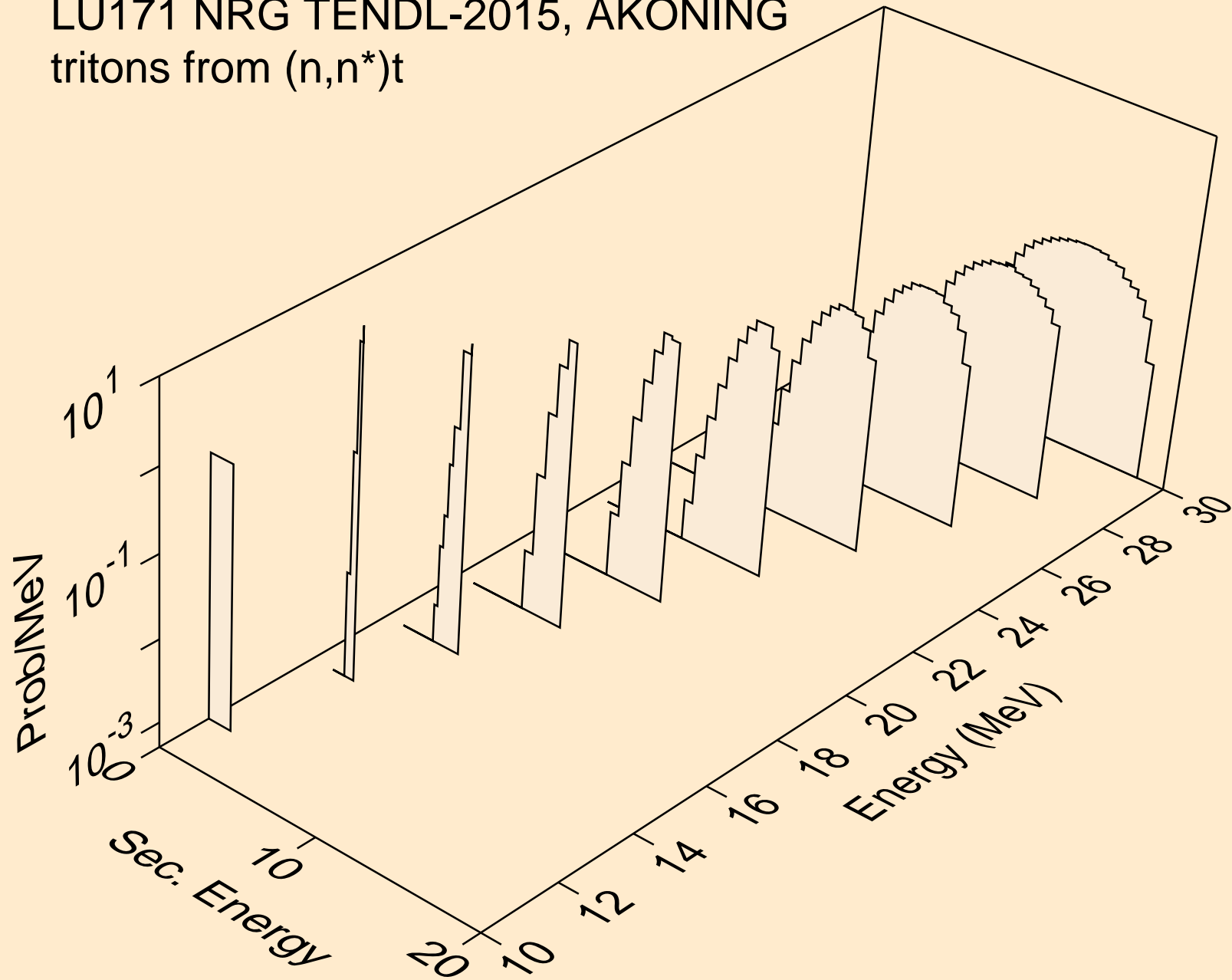


LU171 NRG TENDL-2015, AKONING  
tritons from (n,x)

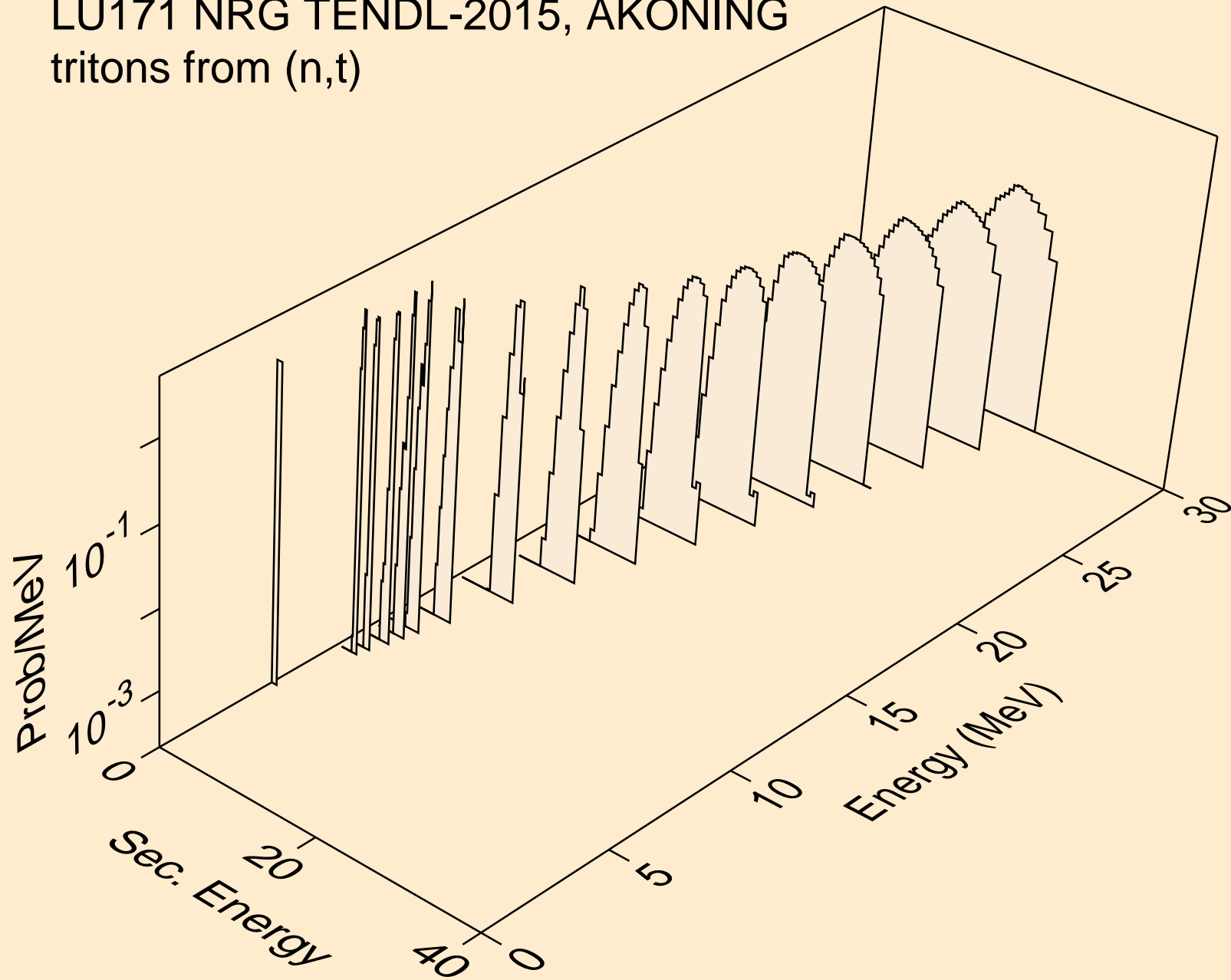




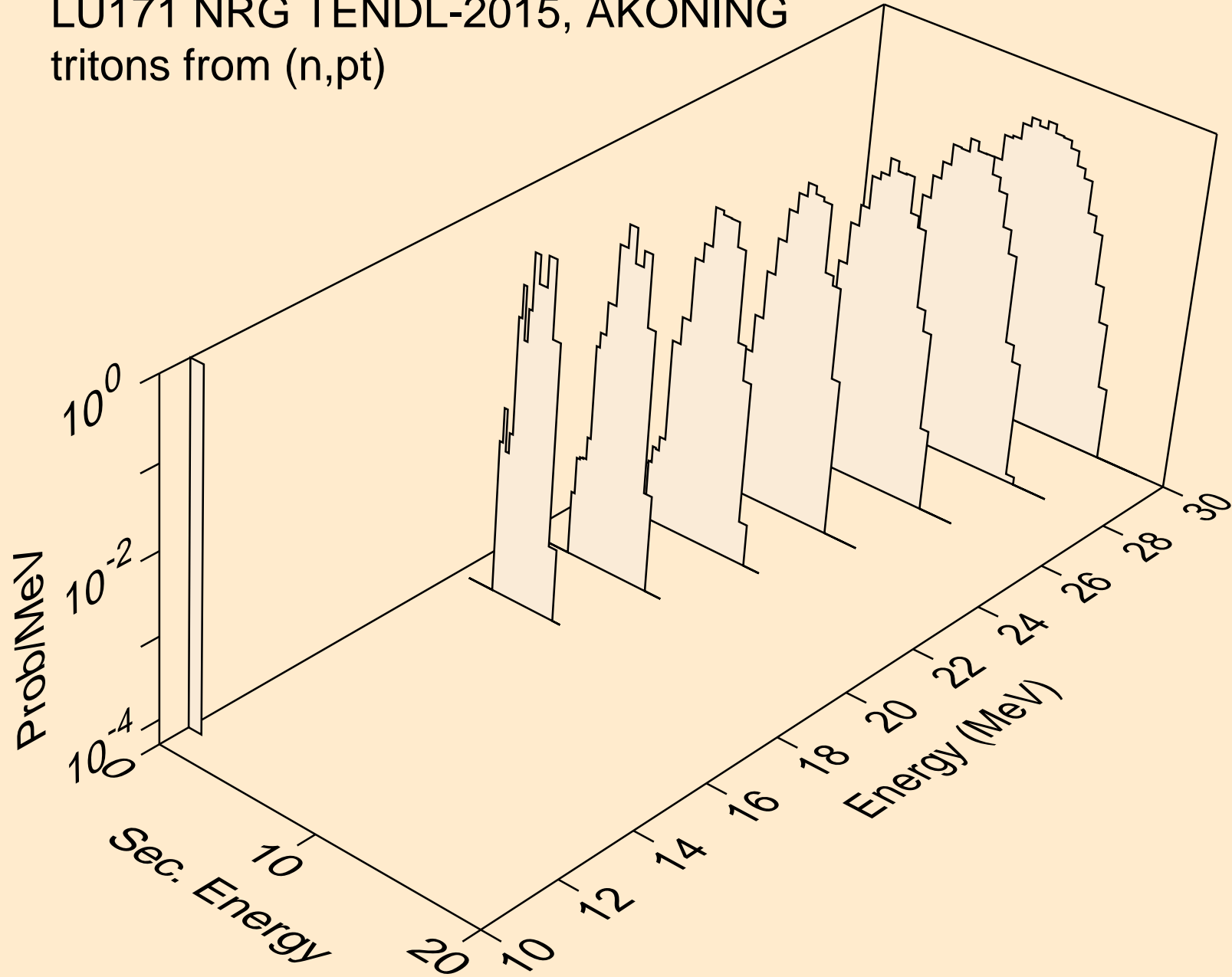
LU171 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



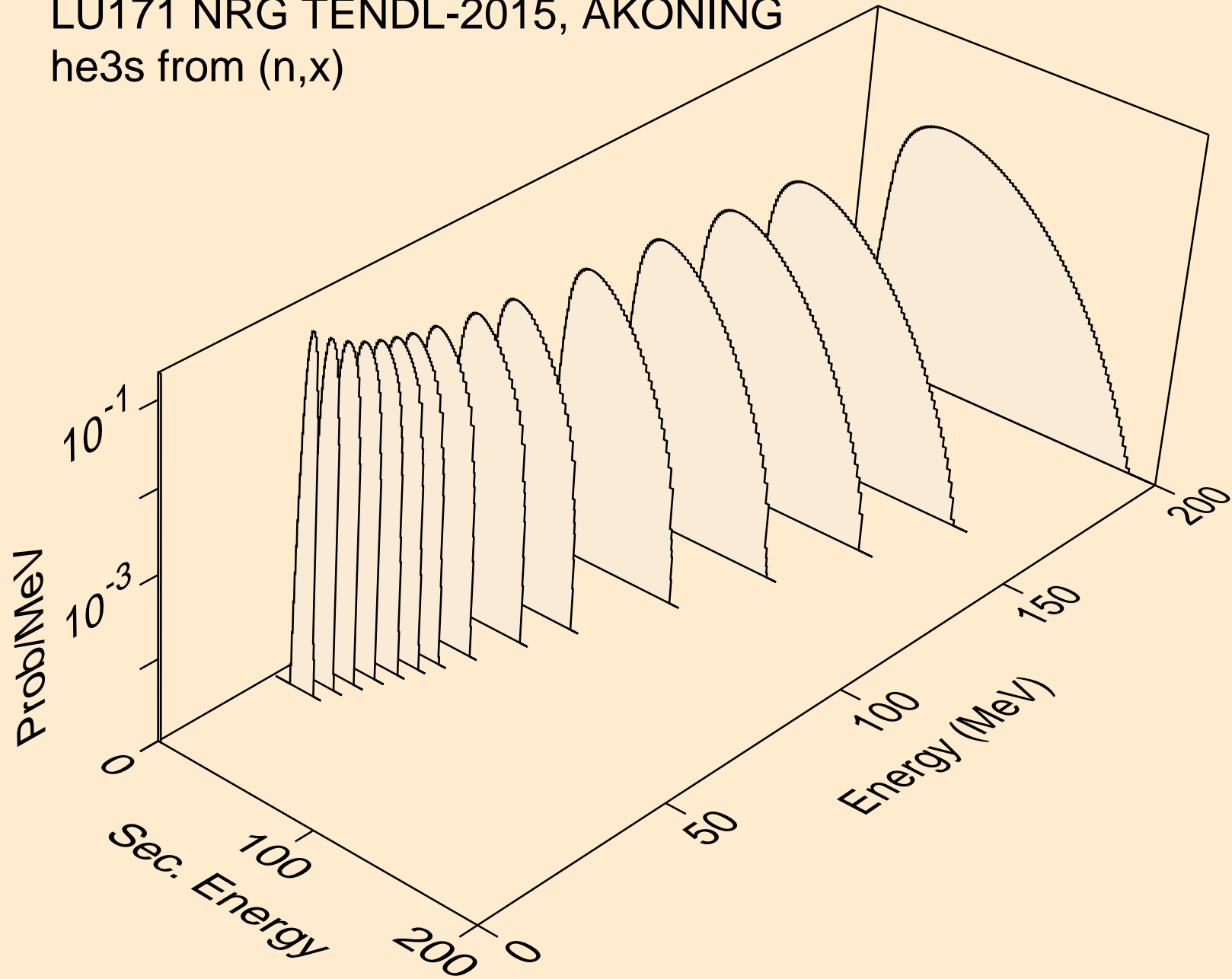
LU171 NRG TENDL-2015, AKONING  
tritons from (n,t)



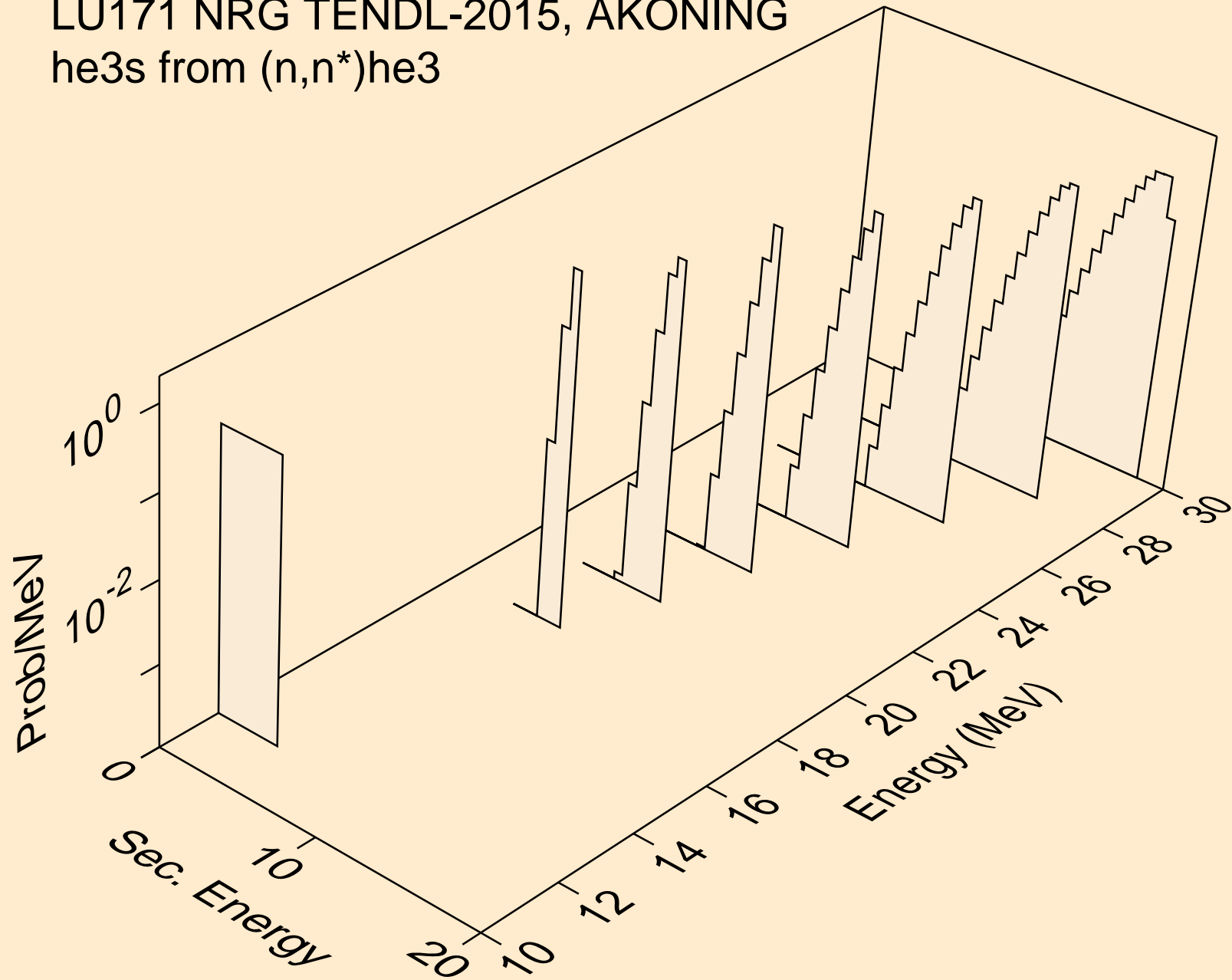
LU171 NRG TENDL-2015, AKONING  
tritons from (n,pt)



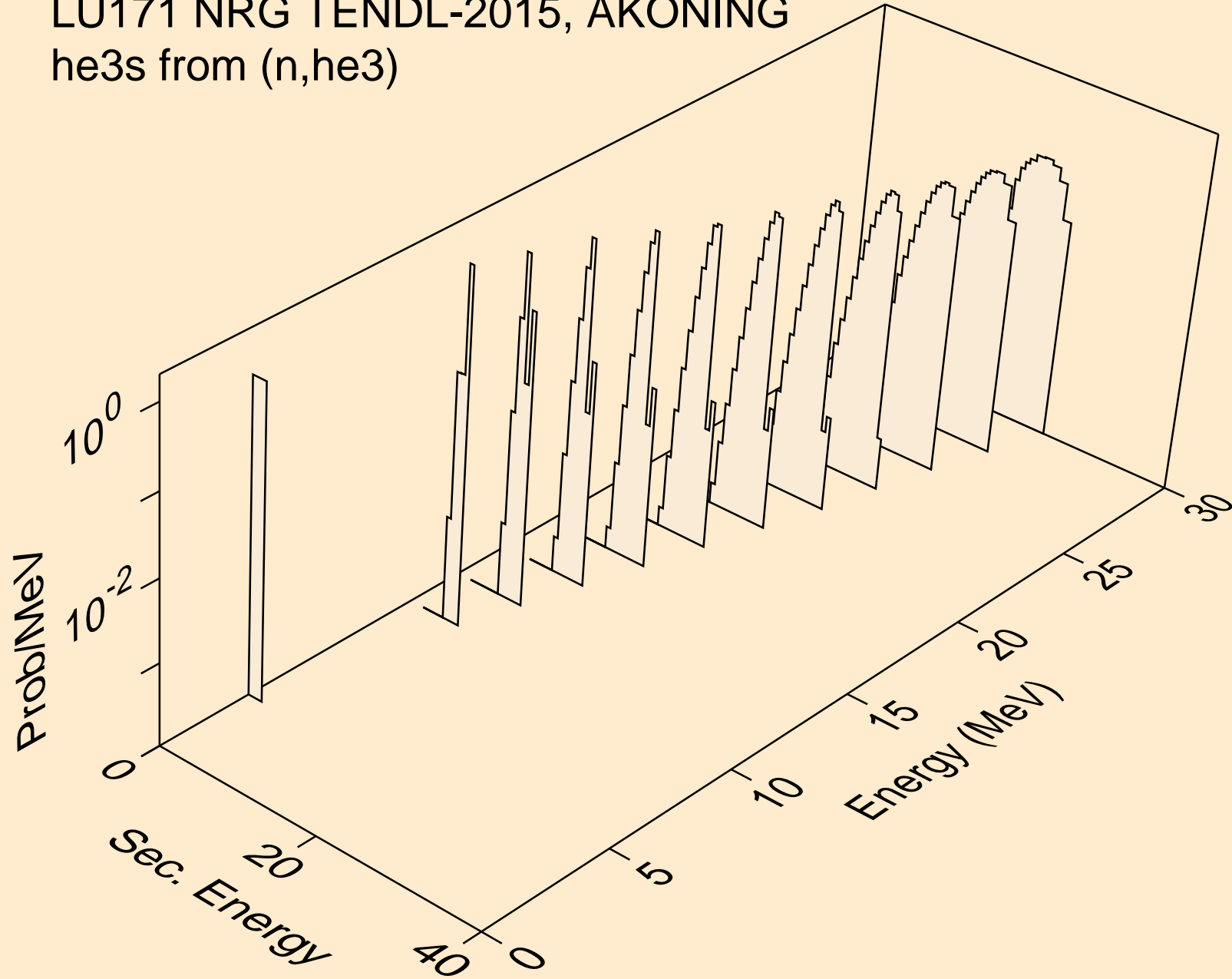
LU171 NRG TENDL-2015, AKONING  
he3s from (n,x)



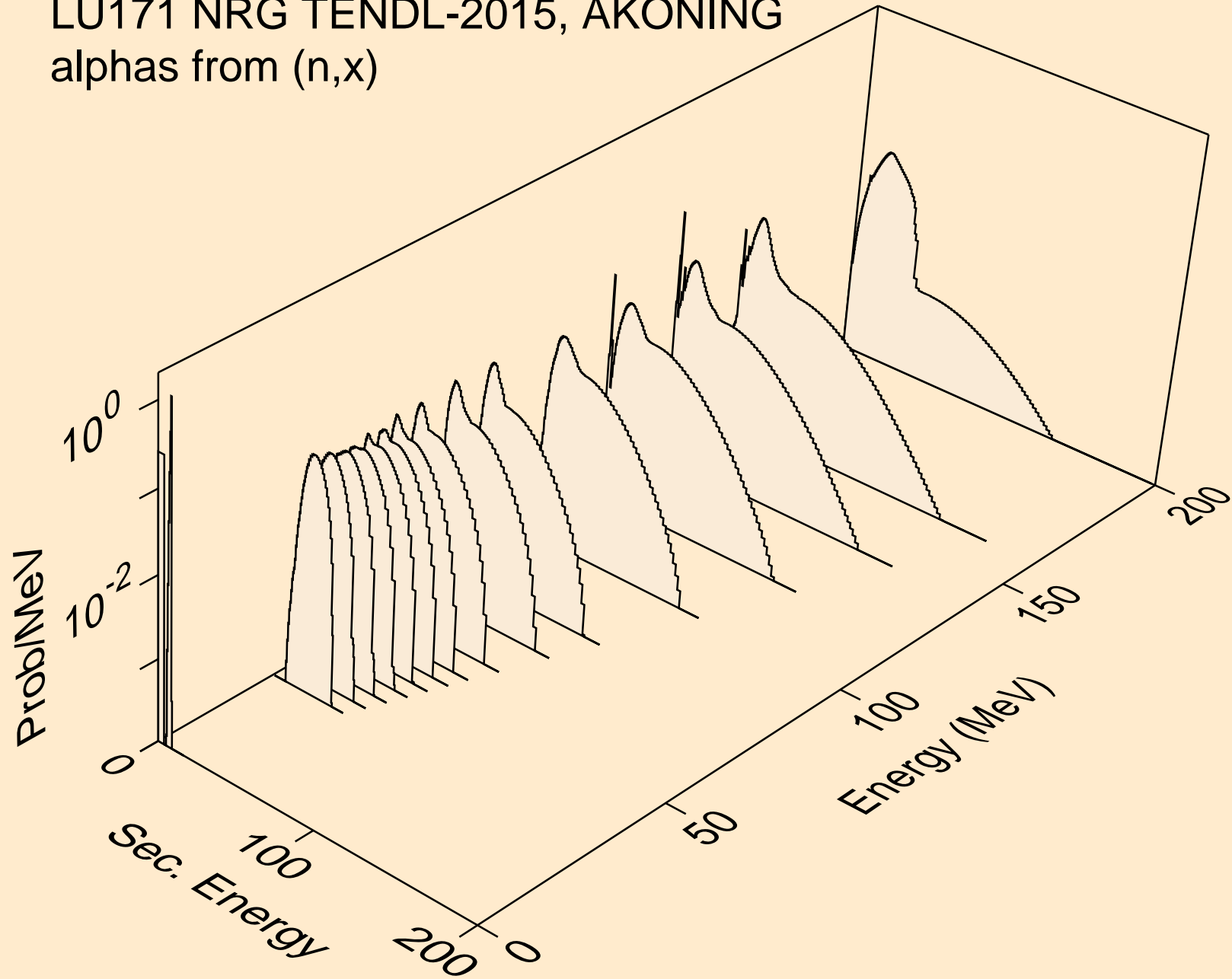
LU171 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



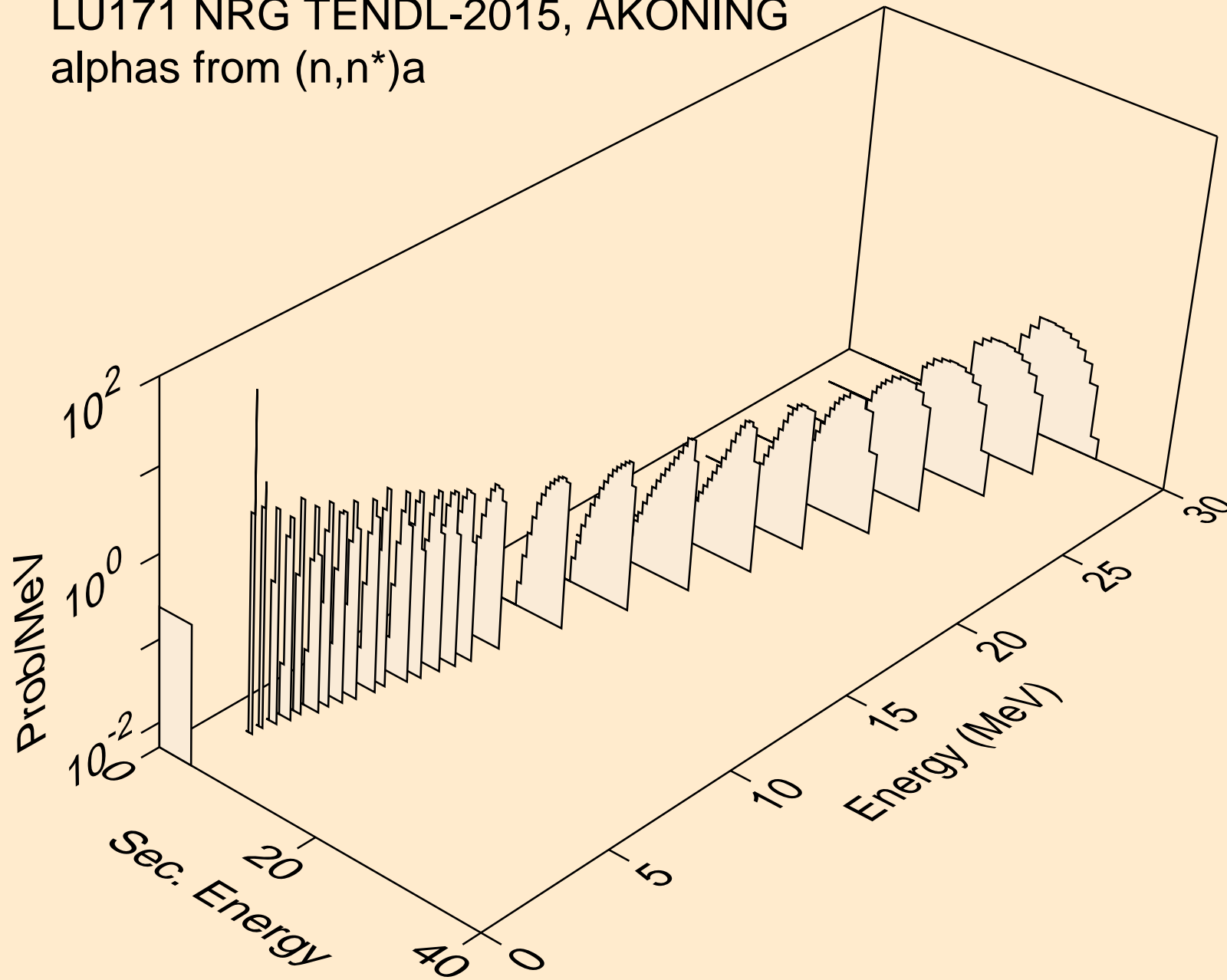
LU171 NRG TENDL-2015, AKONING  
he3s from (n,he3)



LU171 NRG TENDL-2015, AKONING  
alphas from (n,x)

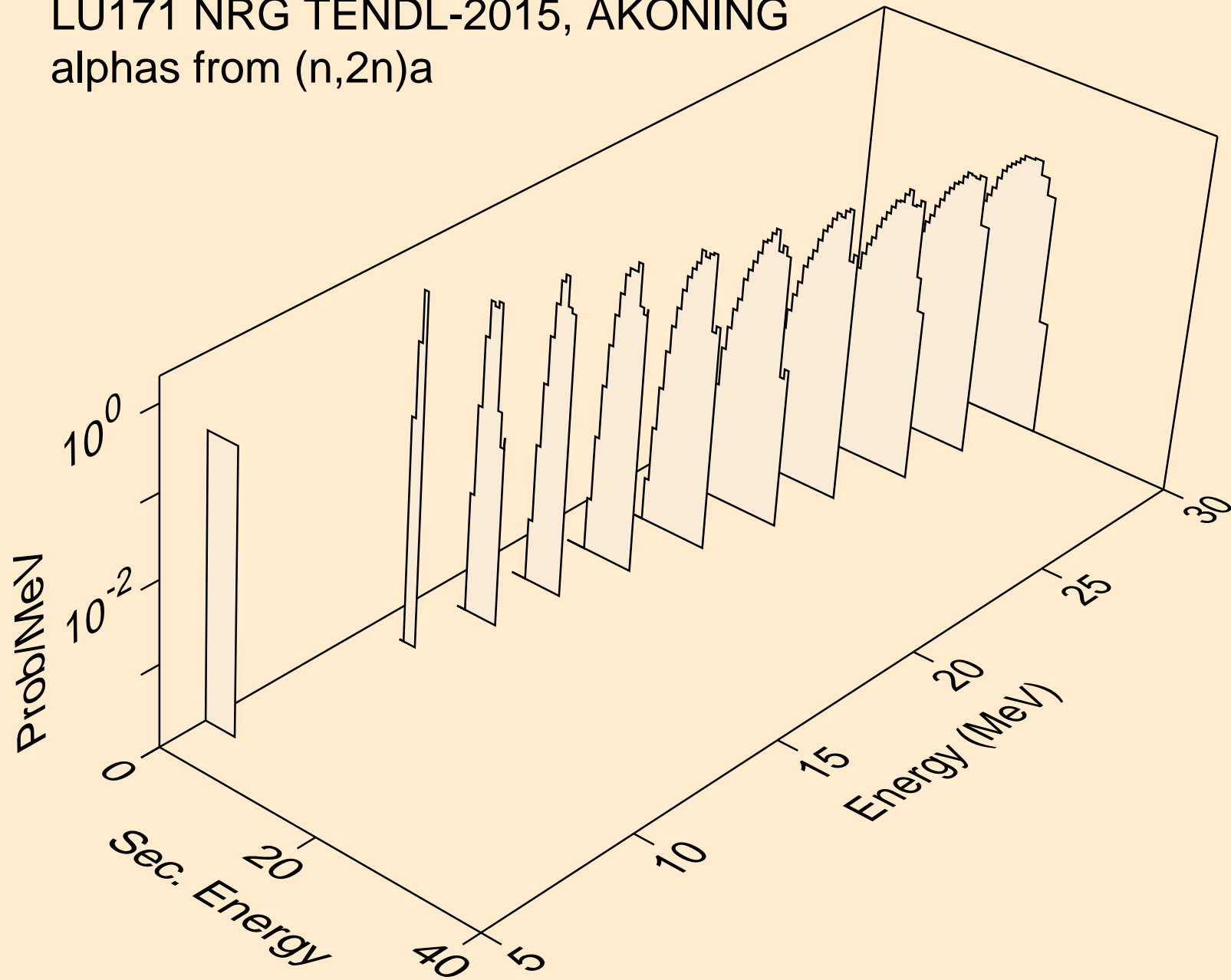


LU171 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

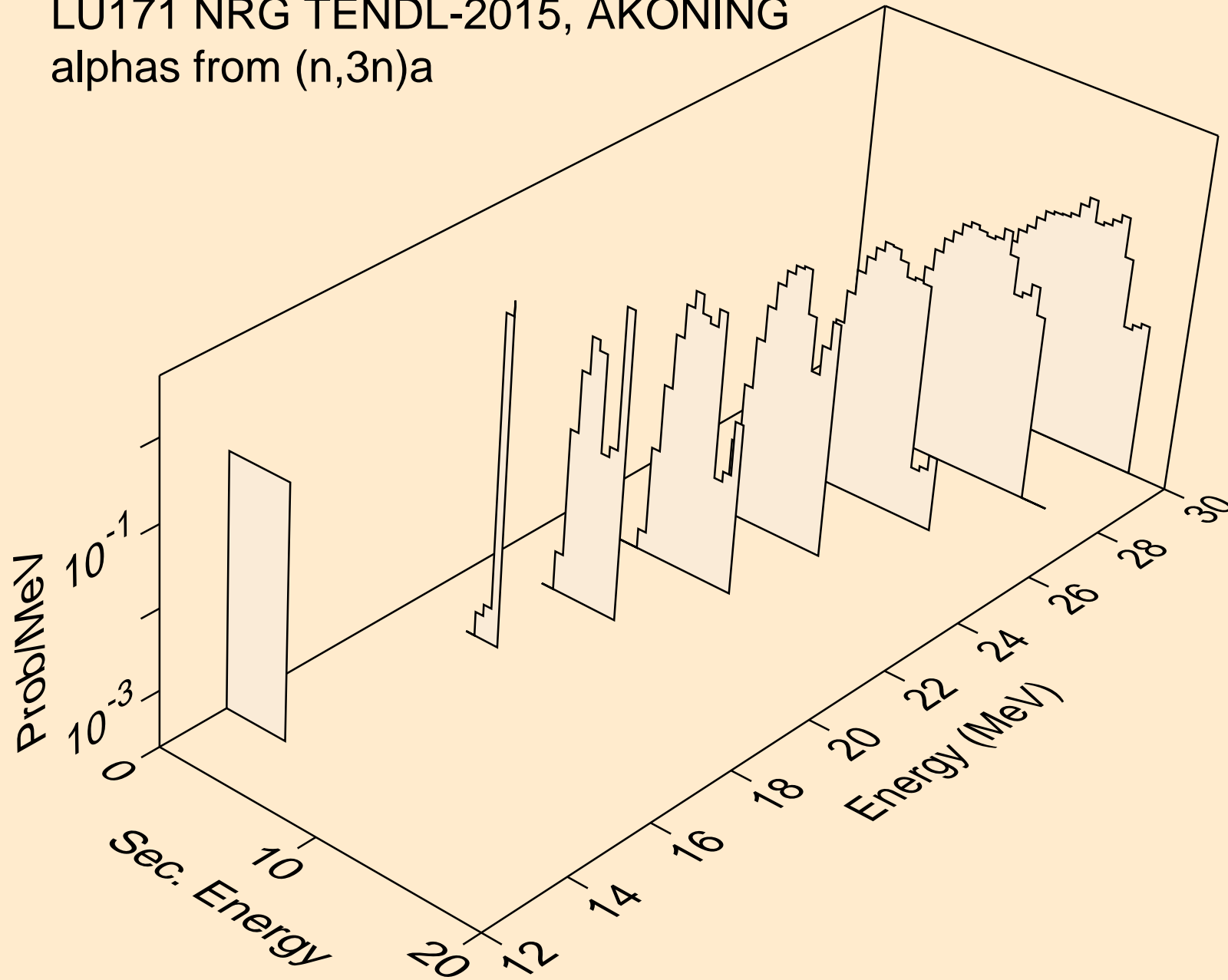




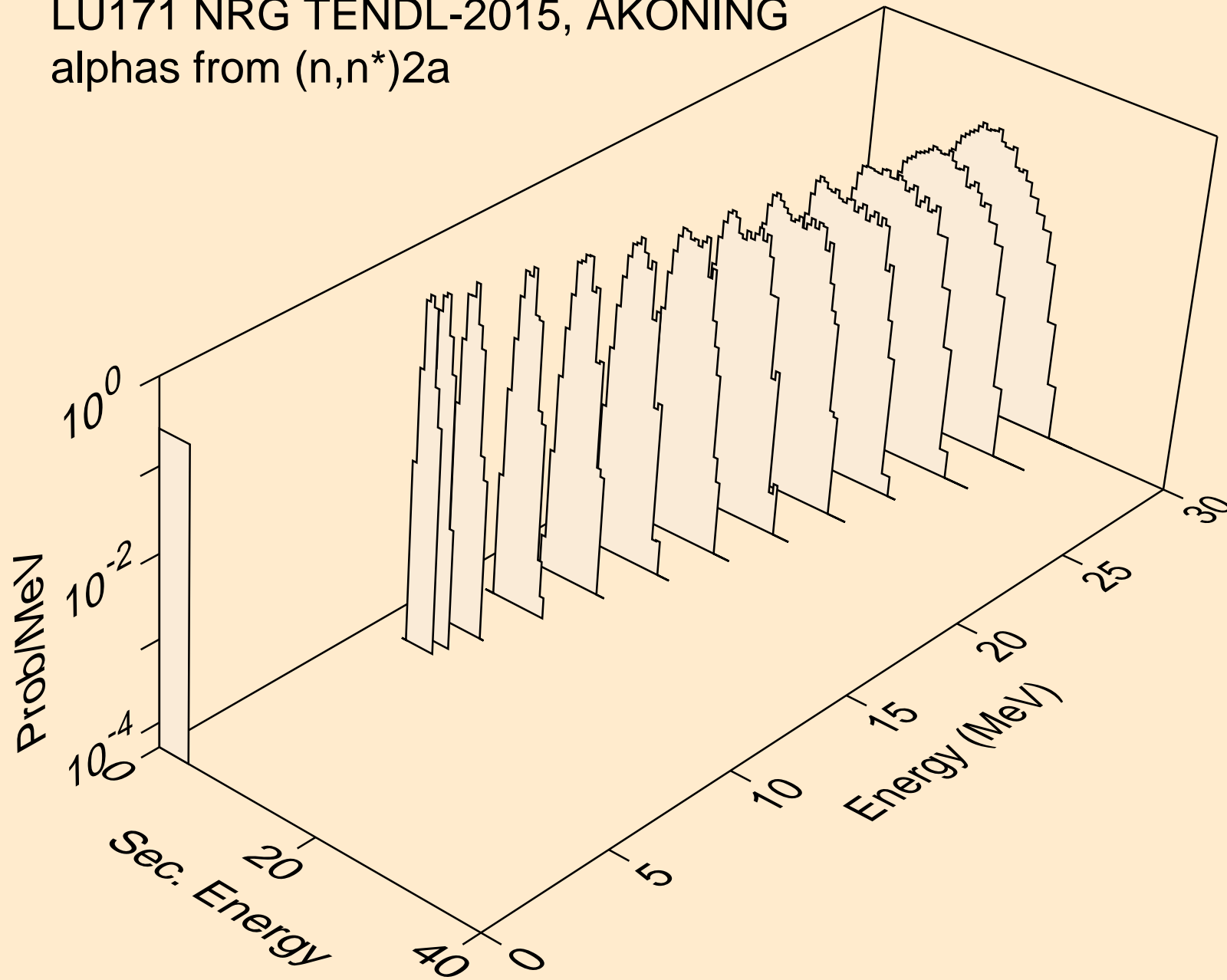
LU171 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



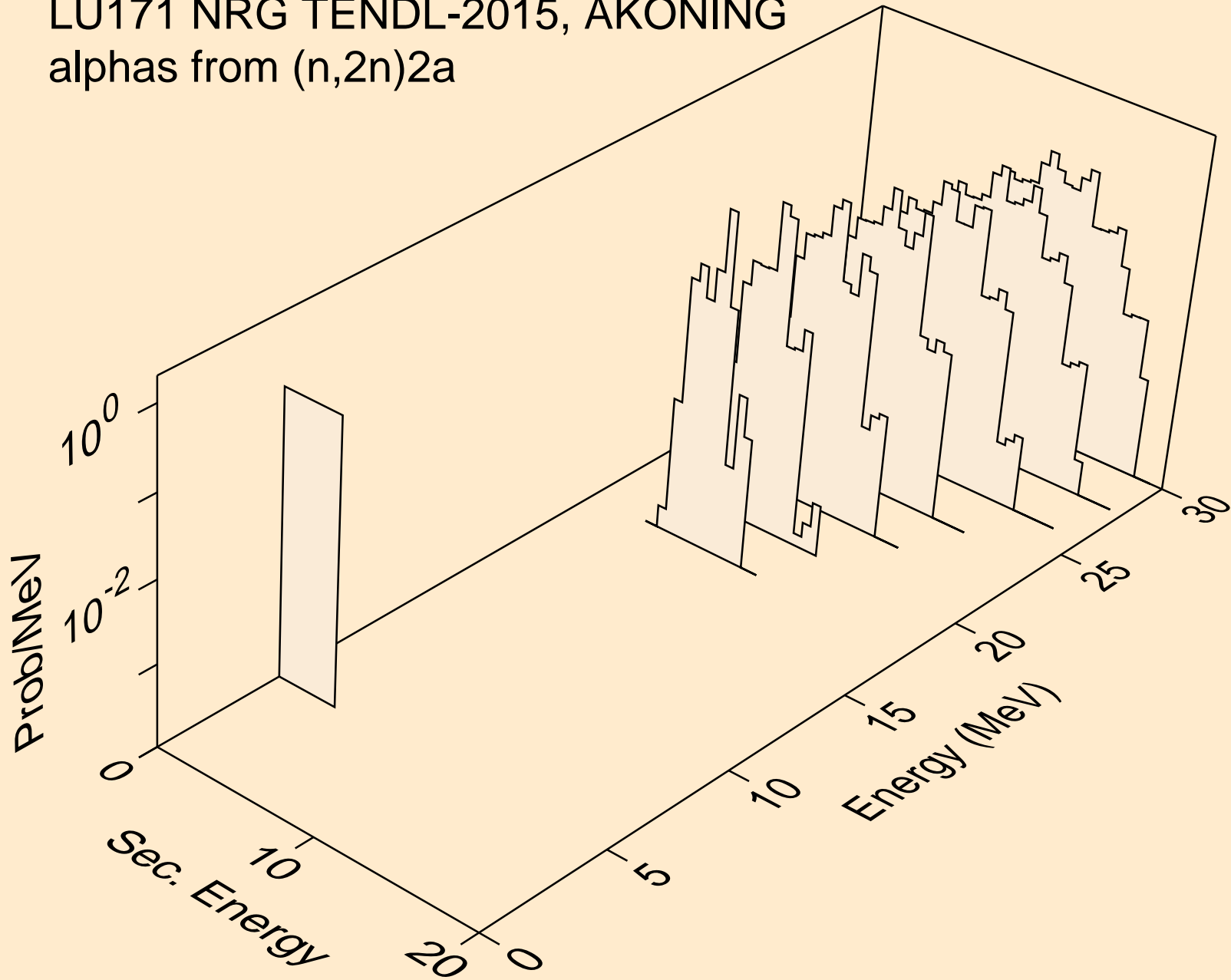
LU171 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



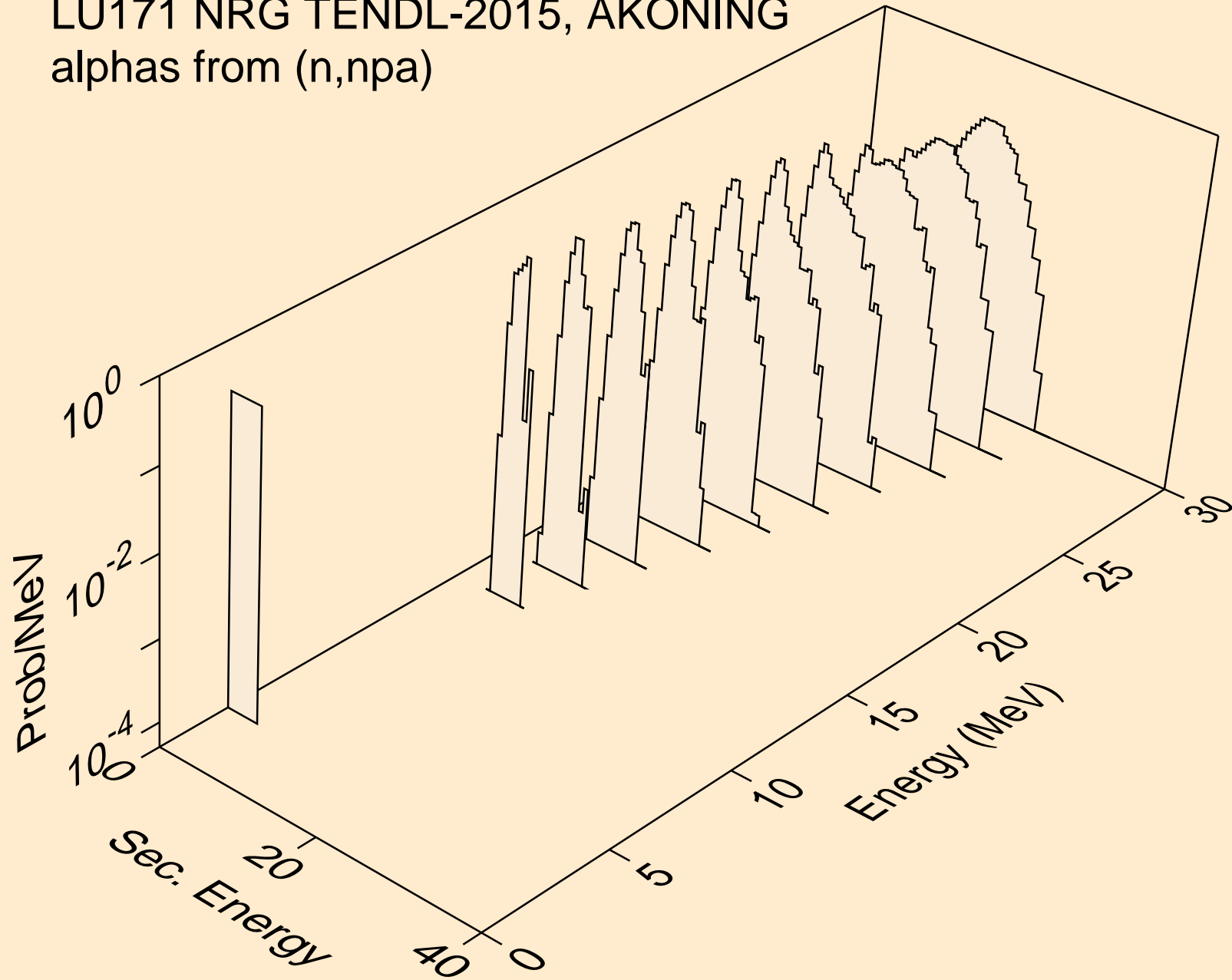
LU171 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



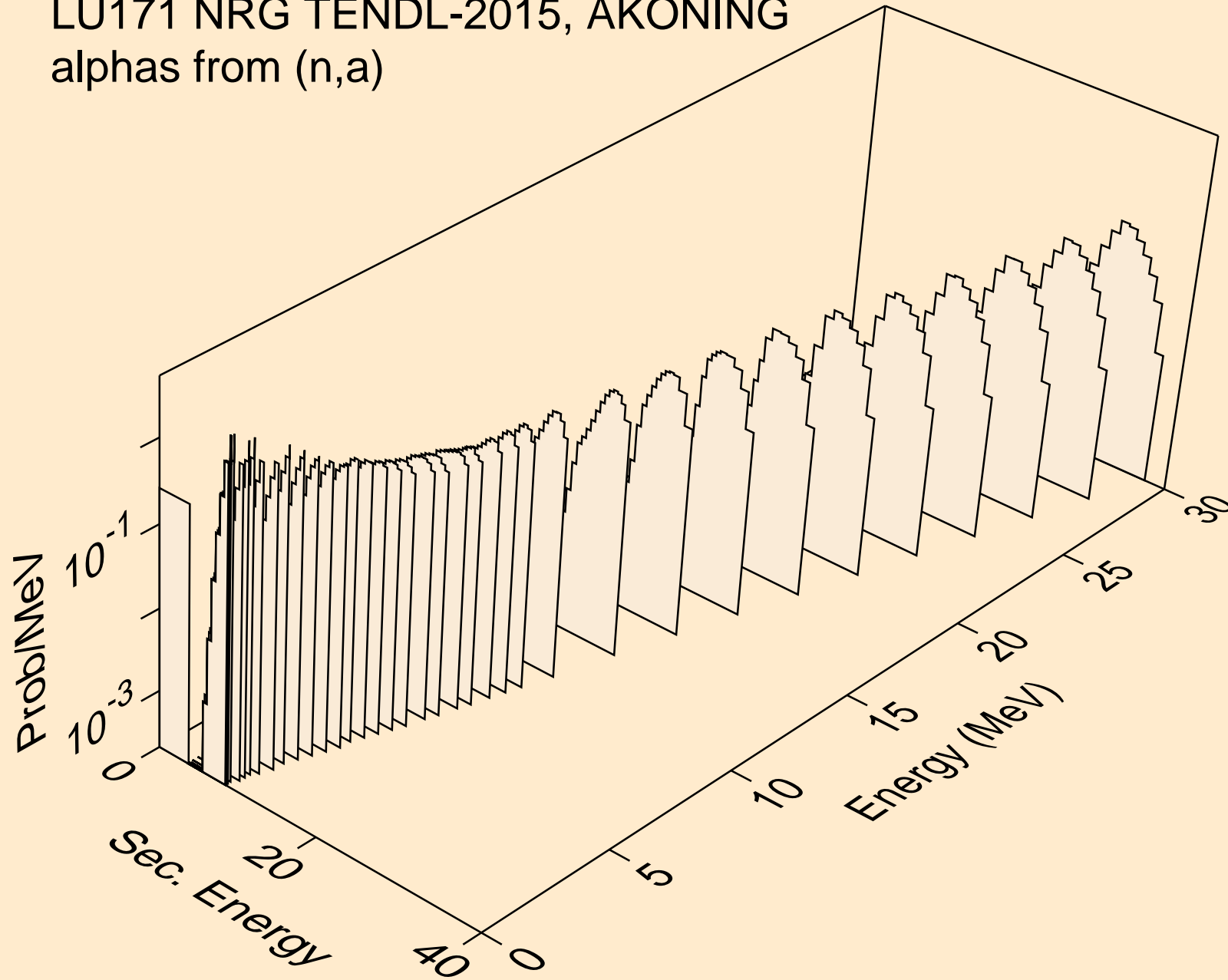
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alphas from (n,2n)2a



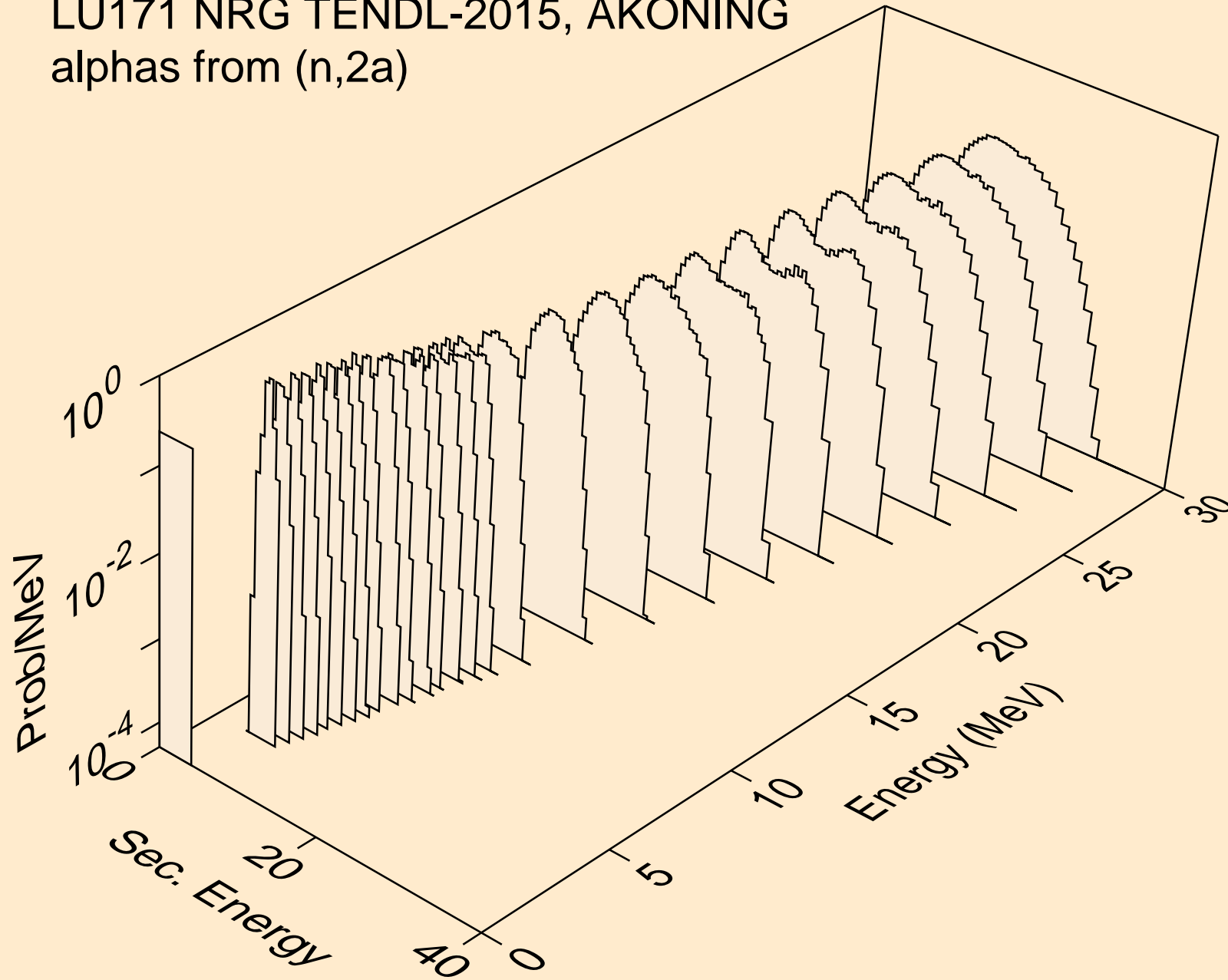
LU171 NRG TENDL-2015, AKONING  
alphas from (n,npa)



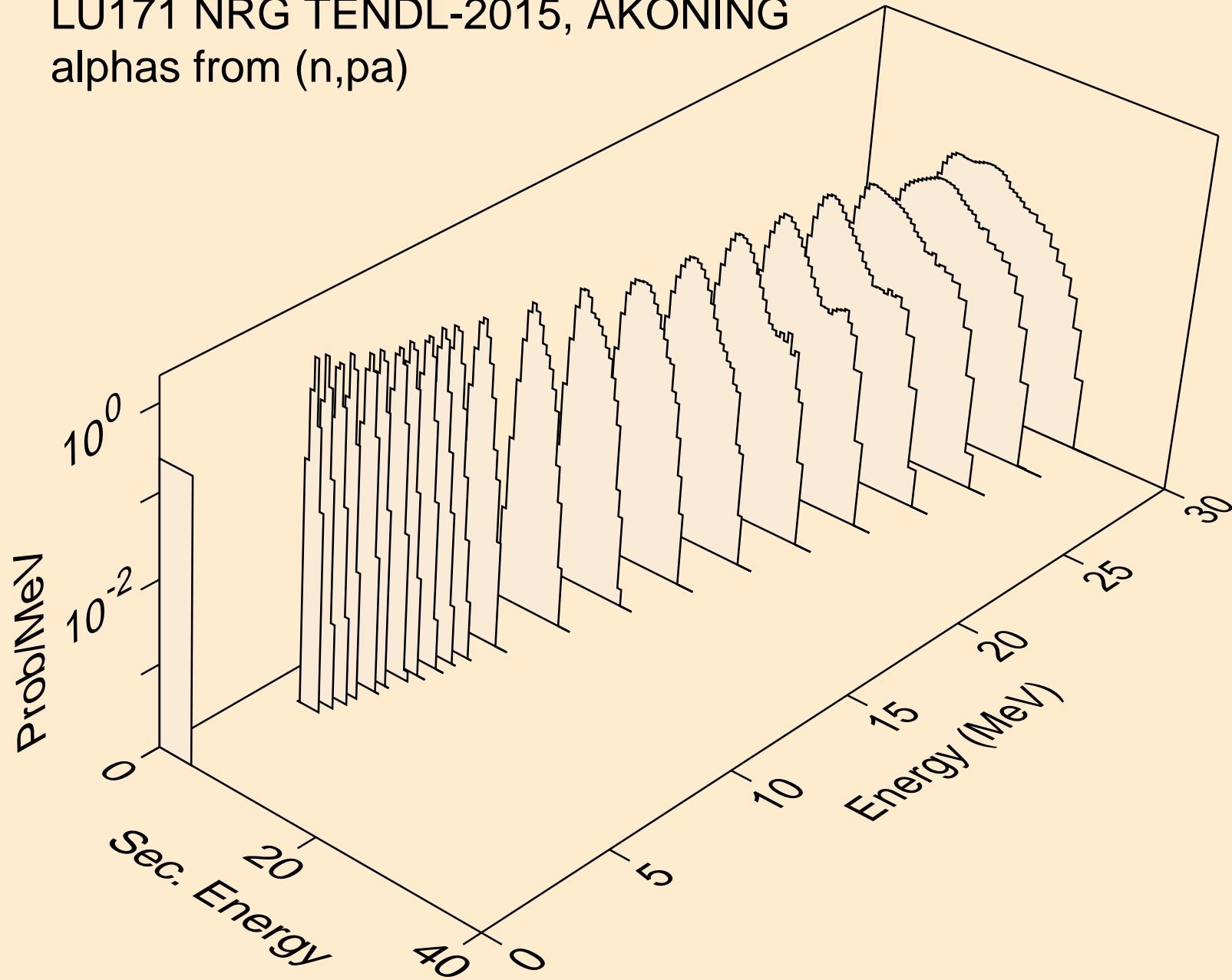
LU171 NRG TENDL-2015, AKONING  
alphas from (n,a)



LU171 NRG TENDL-2015, AKONING  
alphas from (n,2a)



LU171 NRG TENDL-2015, AKONING  
alphas from (n,pa)





LU171 NRG TENDL-2015, AKONING  
alphas from (n,da)

