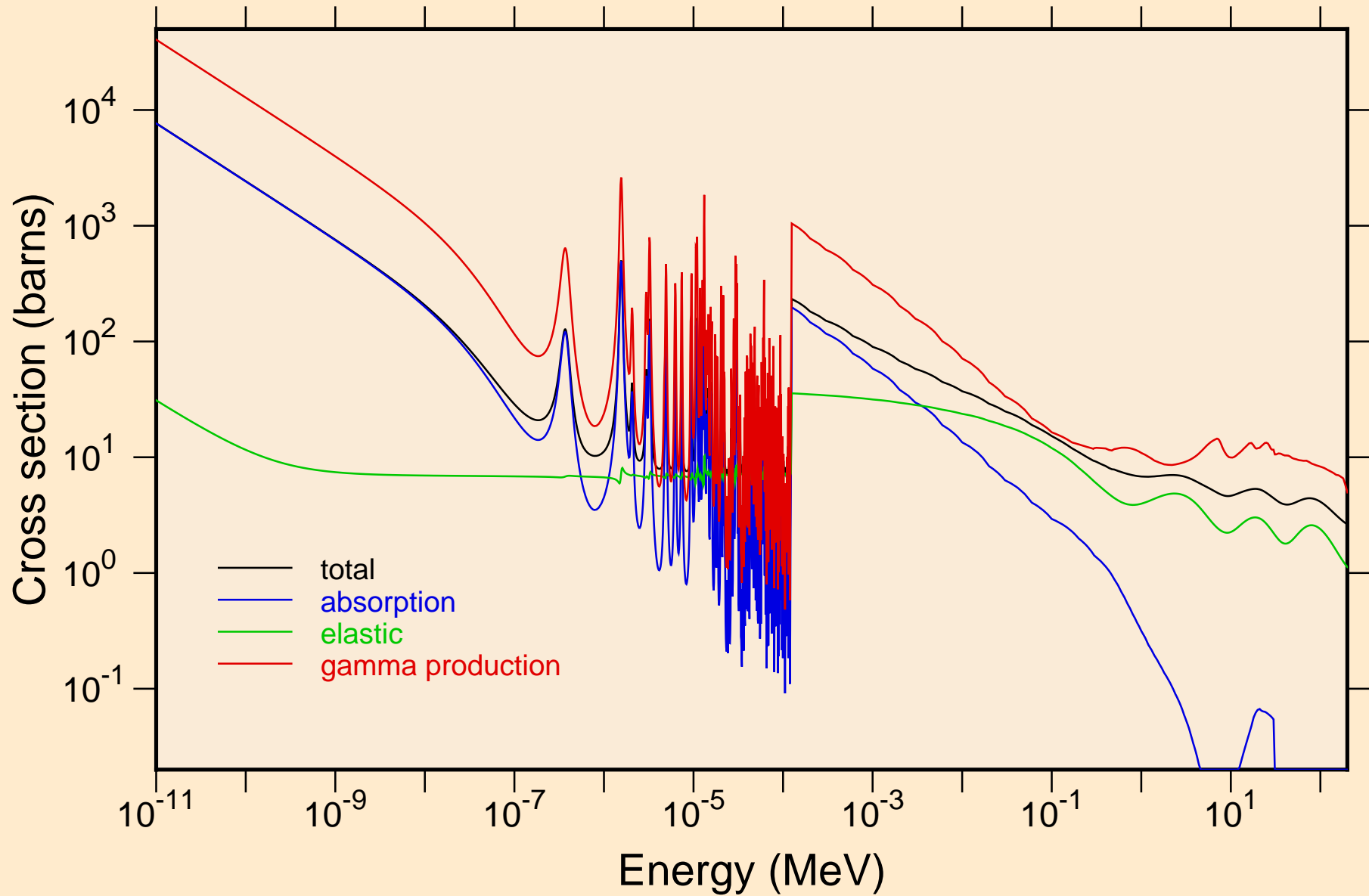
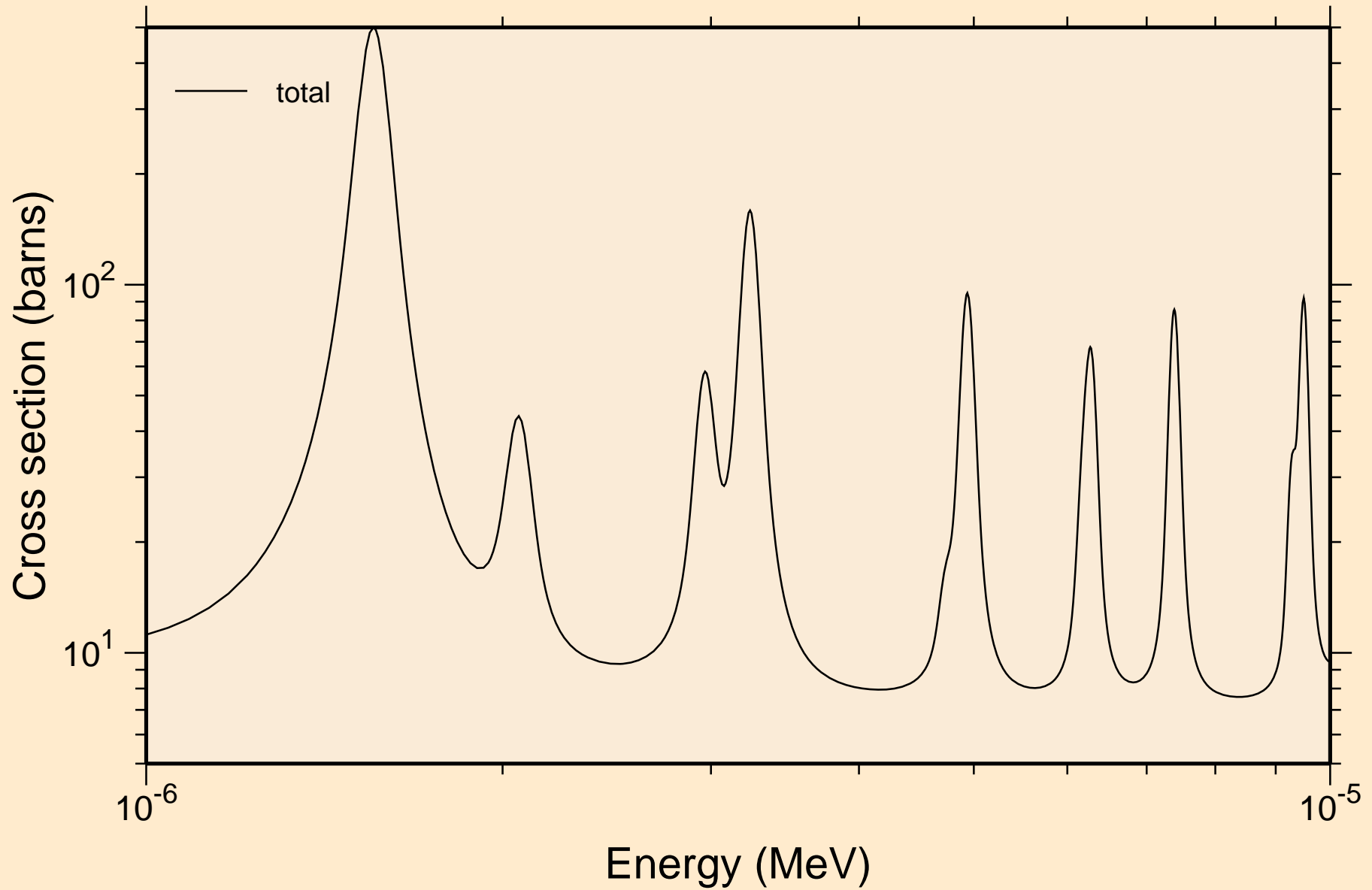


# LU172 NRG TENDL-2015, AKONING

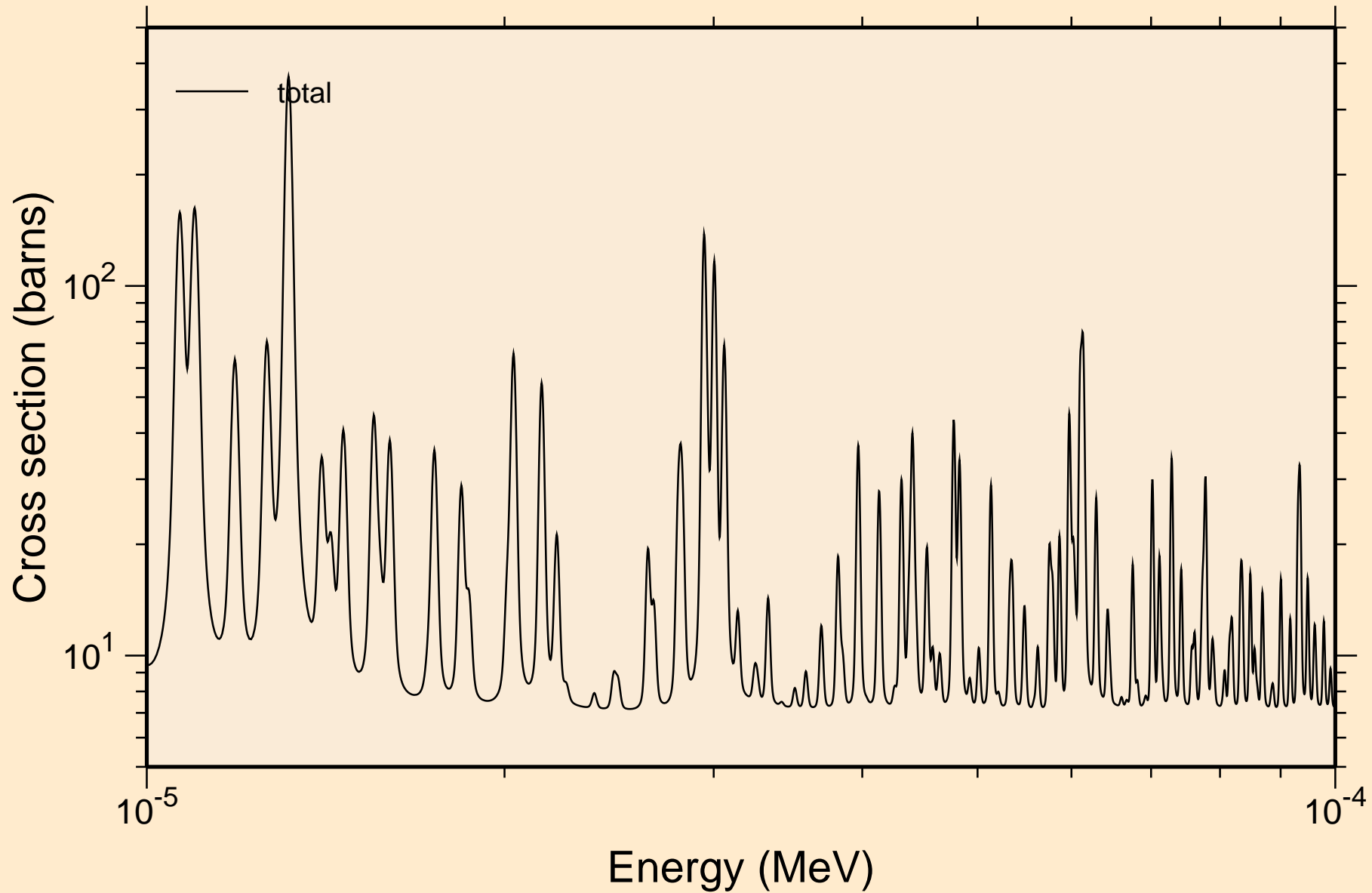
## Principal cross sections



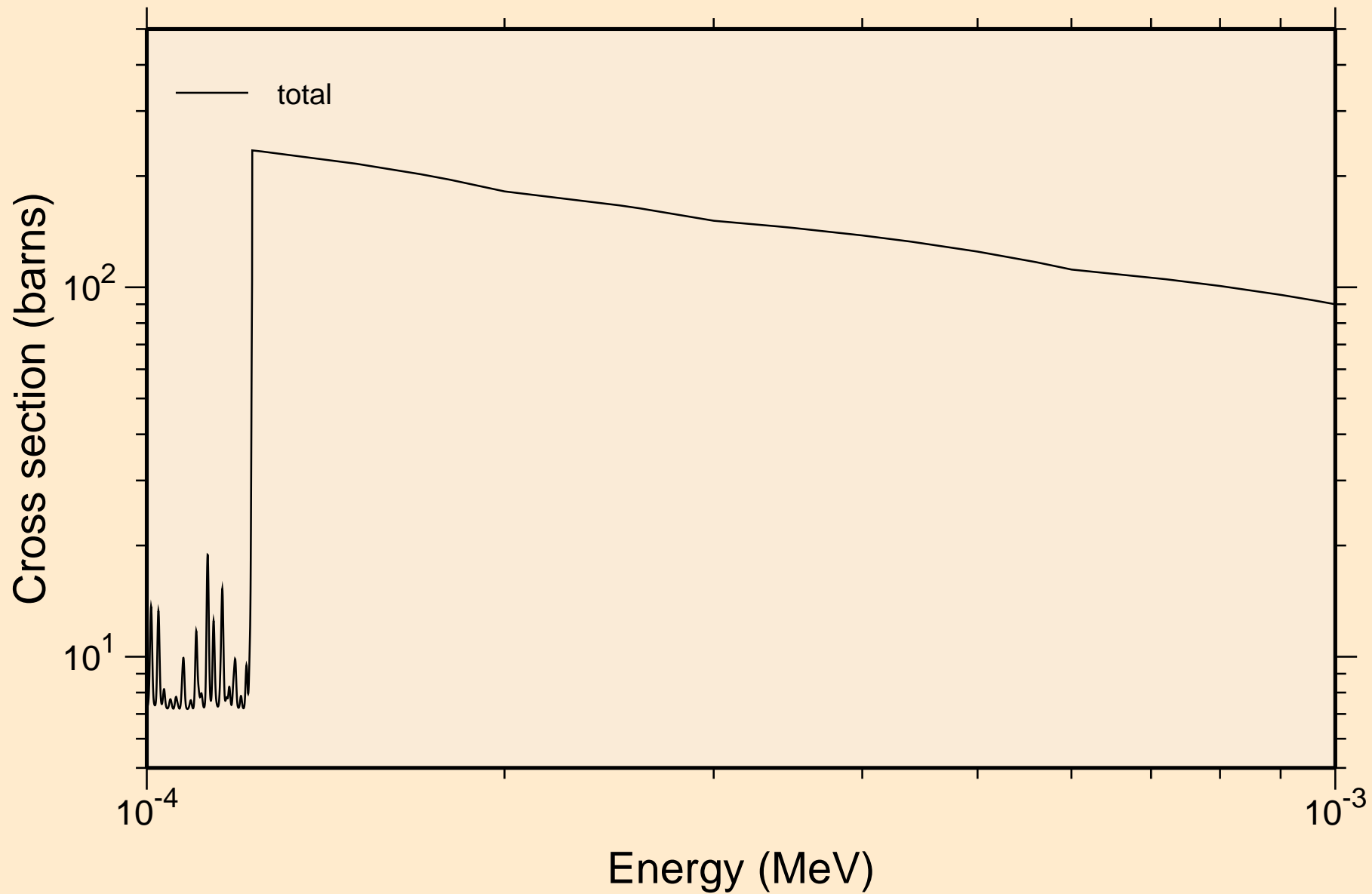
LU172 NRG TENDL-2015, AKONING  
resonance total cross section



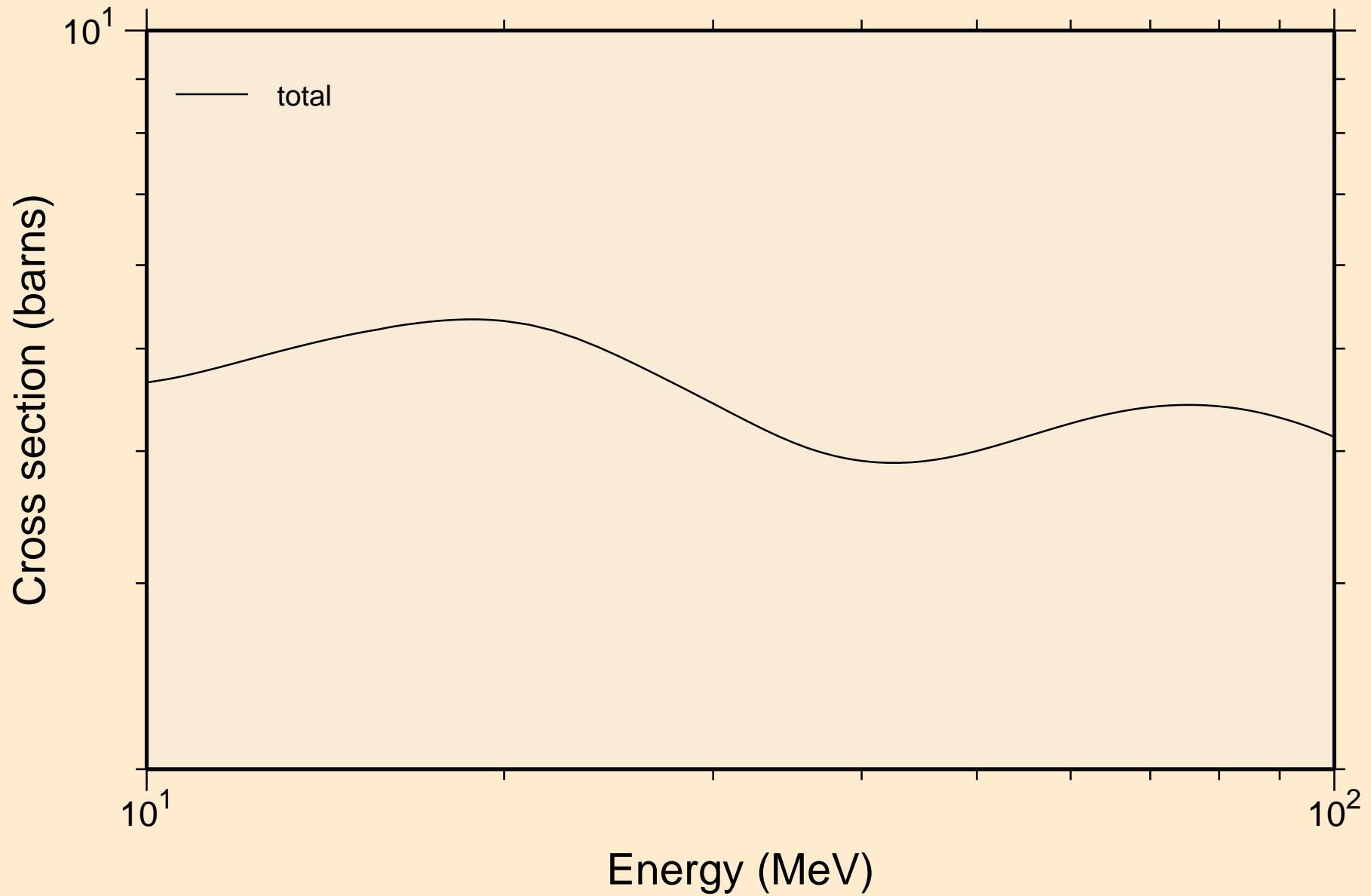
LU172 NRG TENDL-2015, AKONING  
resonance total cross section



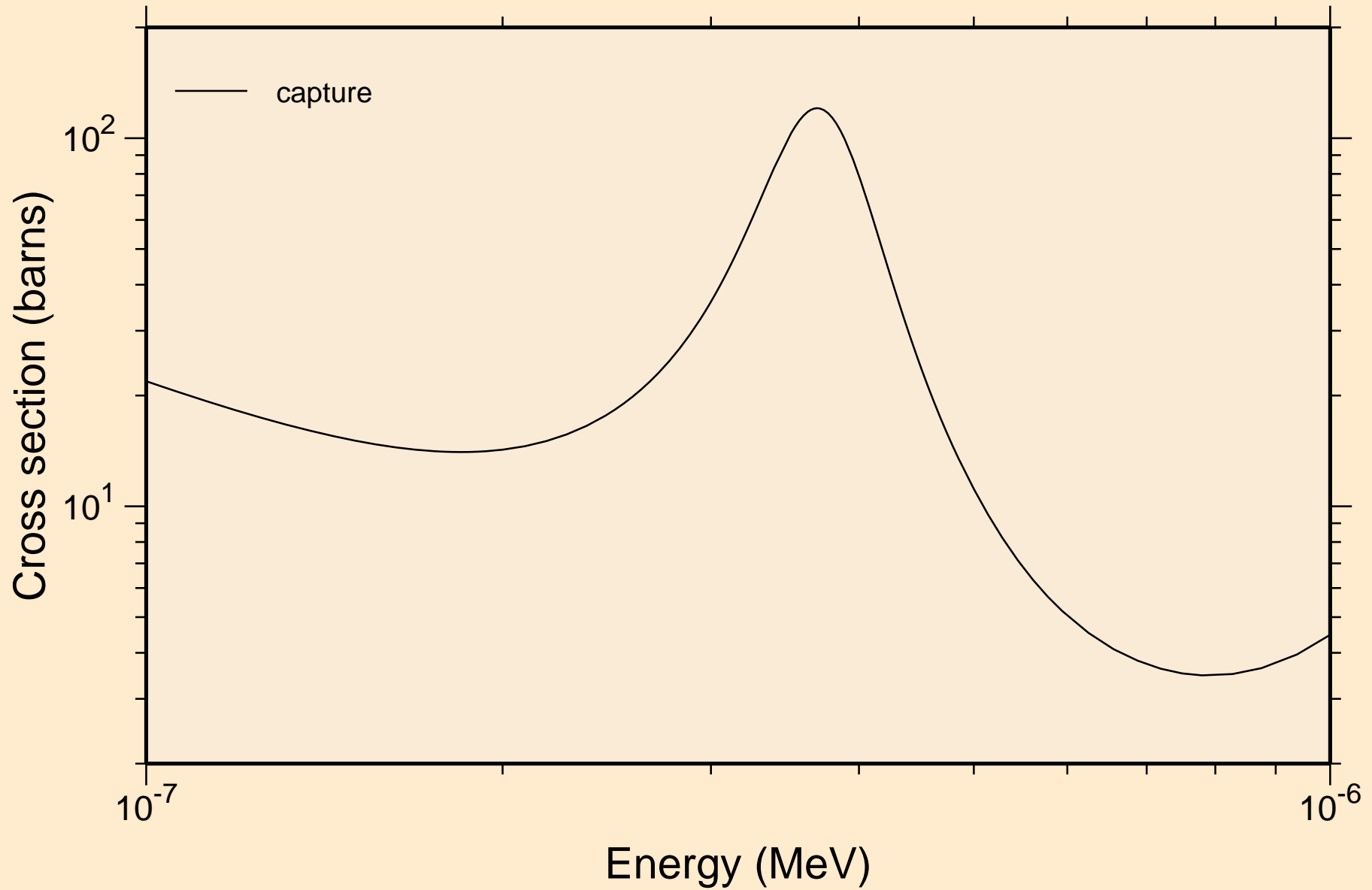
LU172 NRG TENDL-2015, AKONING  
resonance total cross section



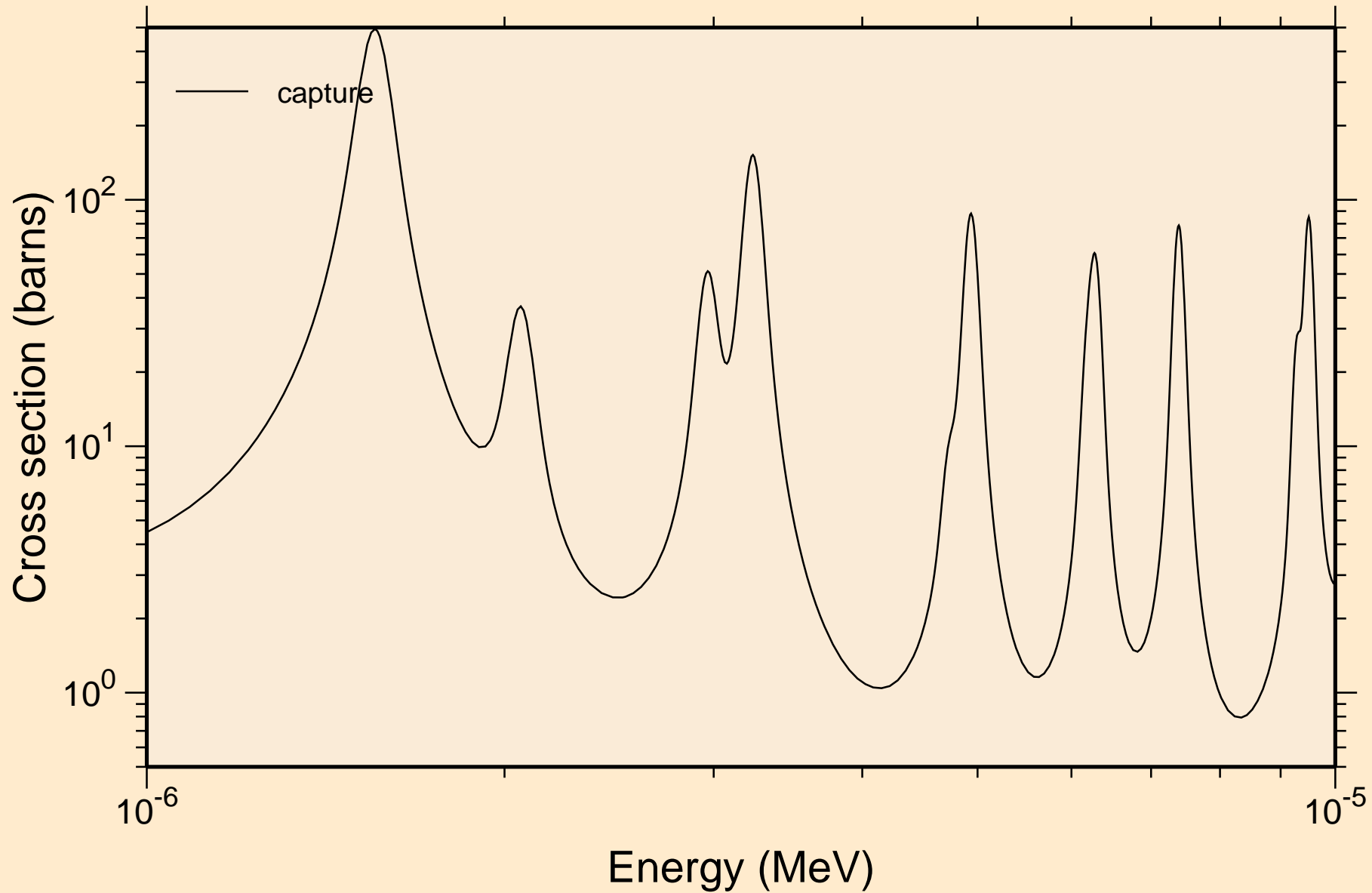
LU172 NRG TENDL-2015, AKONING  
resonance total cross section



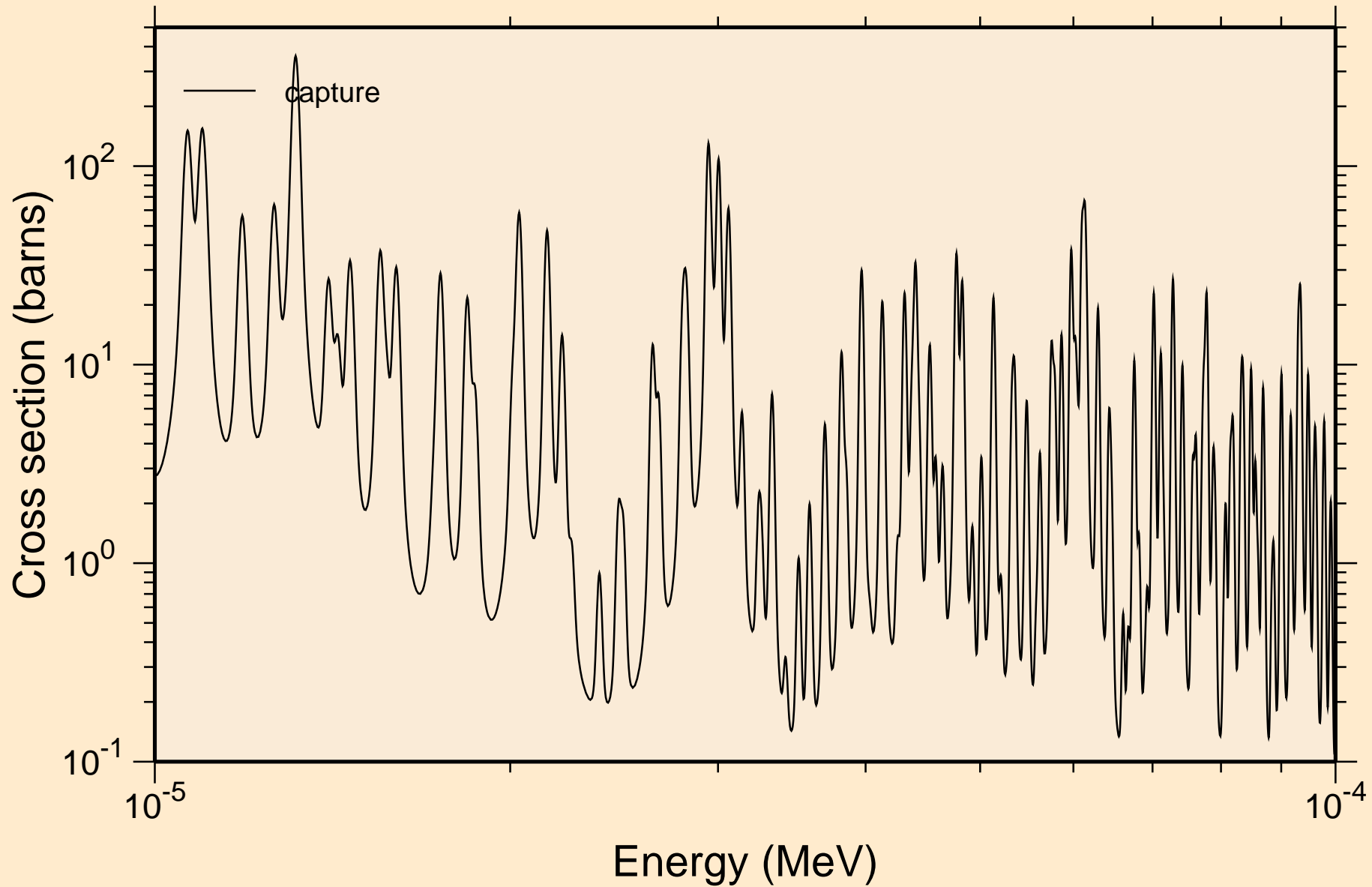
LU172 NRG TENDL-2015, AKONING  
resonance absorption cross sections



LU172 NRG TENDL-2015, AKONING  
resonance absorption cross sections

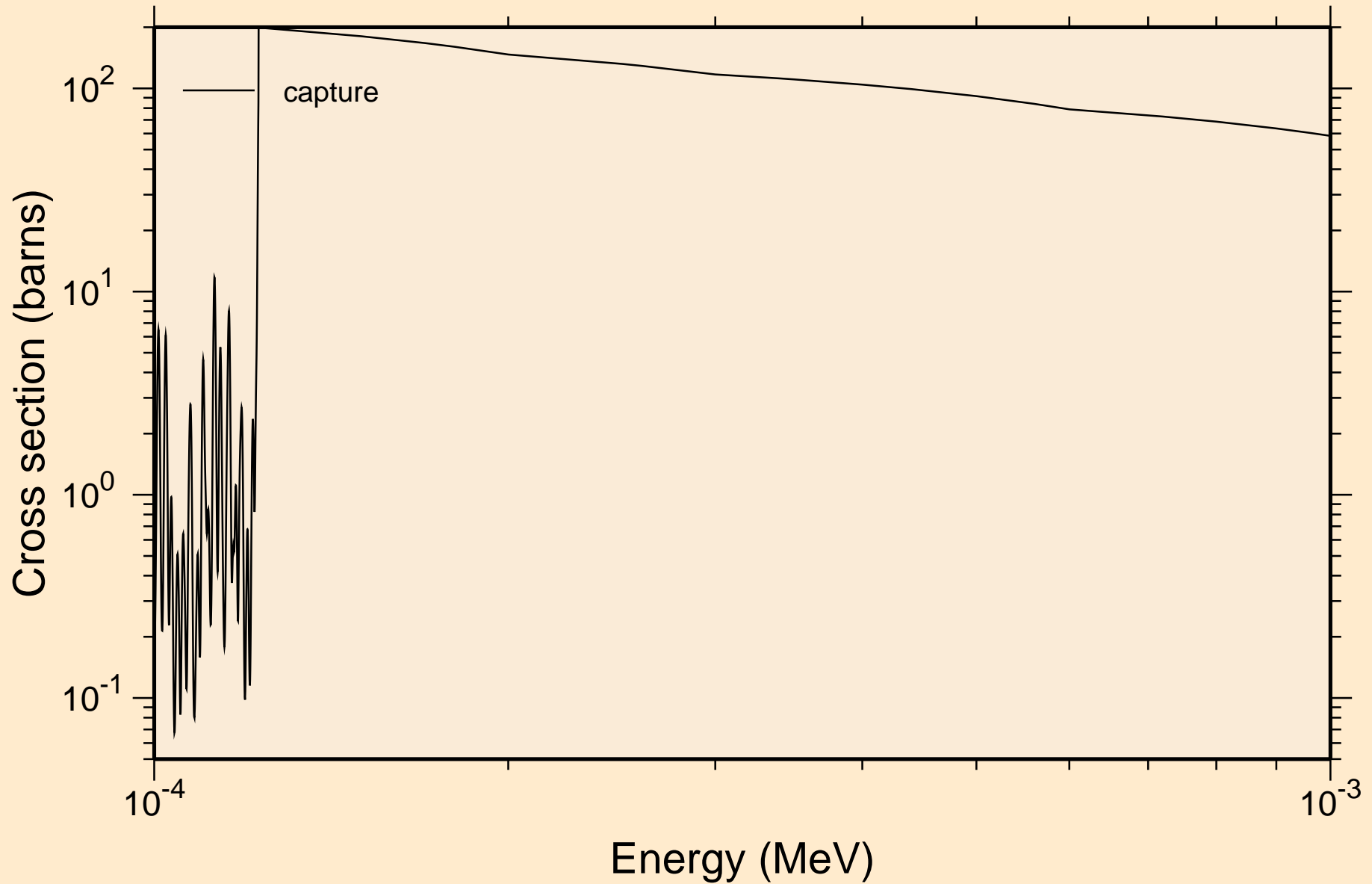


LU172 NRG TENDL-2015, AKONING  
resonance absorption cross sections

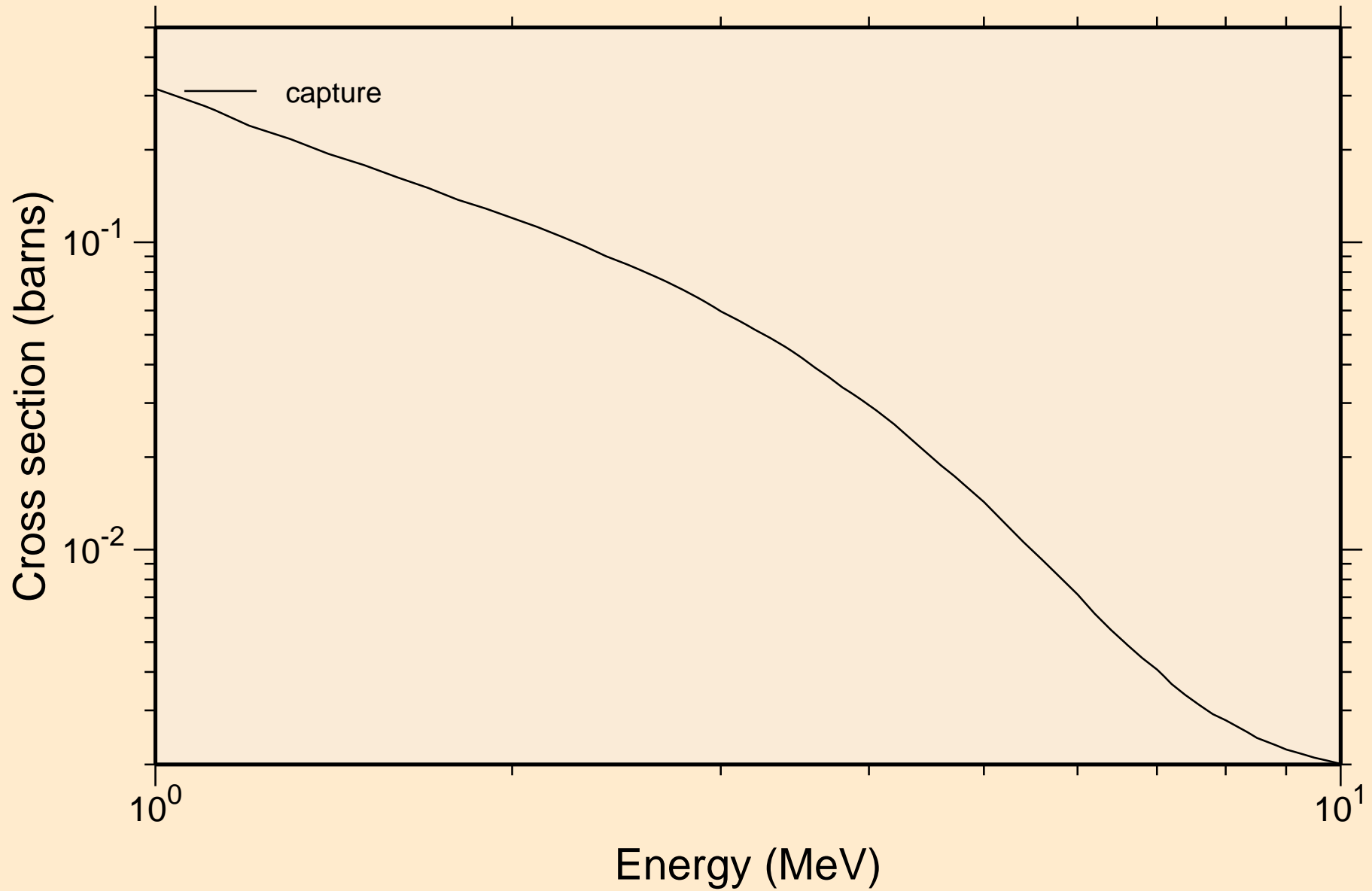




LU172 NRG TENDL-2015, AKONING  
resonance absorption cross sections

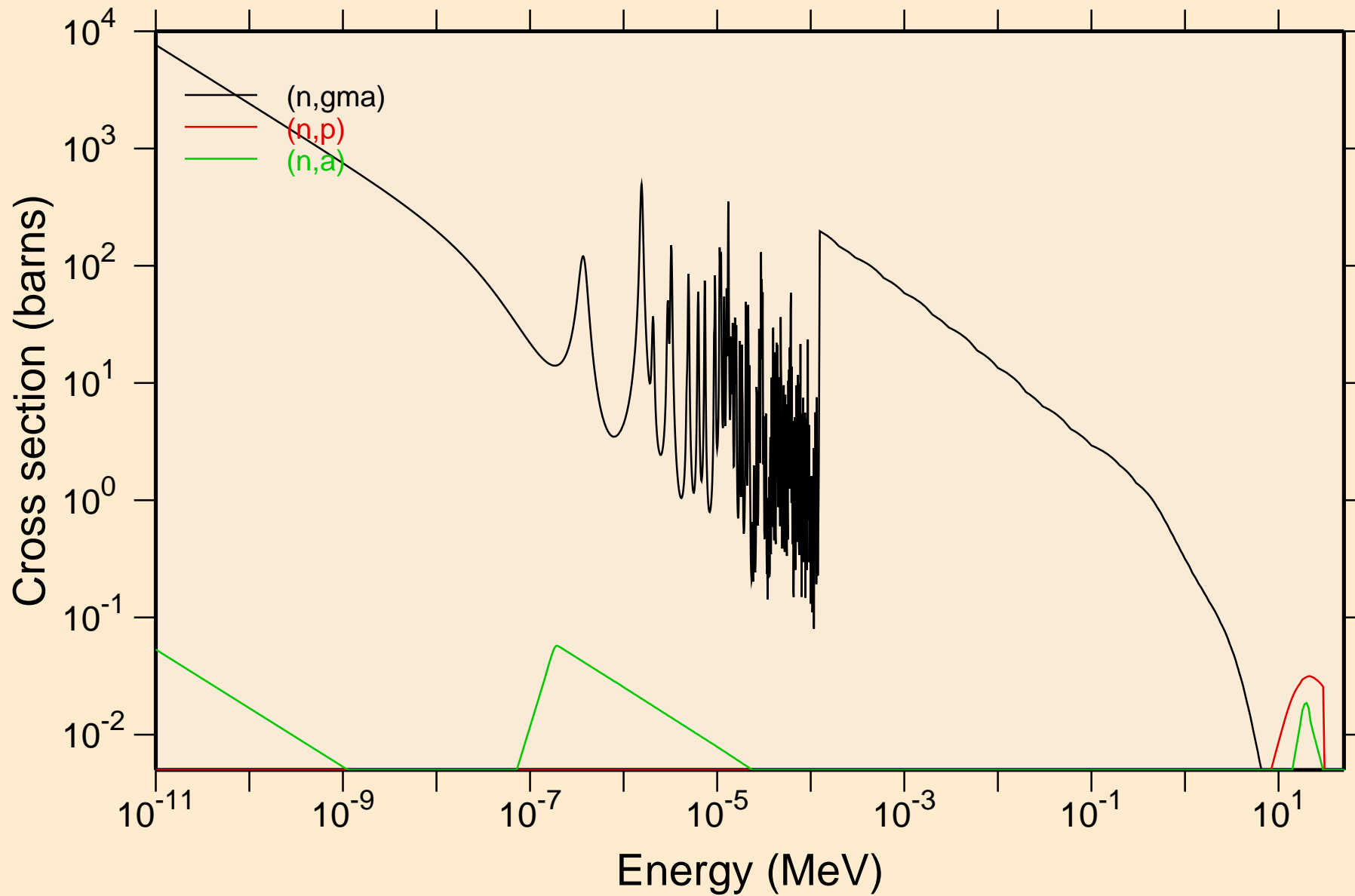


LU172 NRG TENDL-2015, AKONING  
resonance absorption cross sections



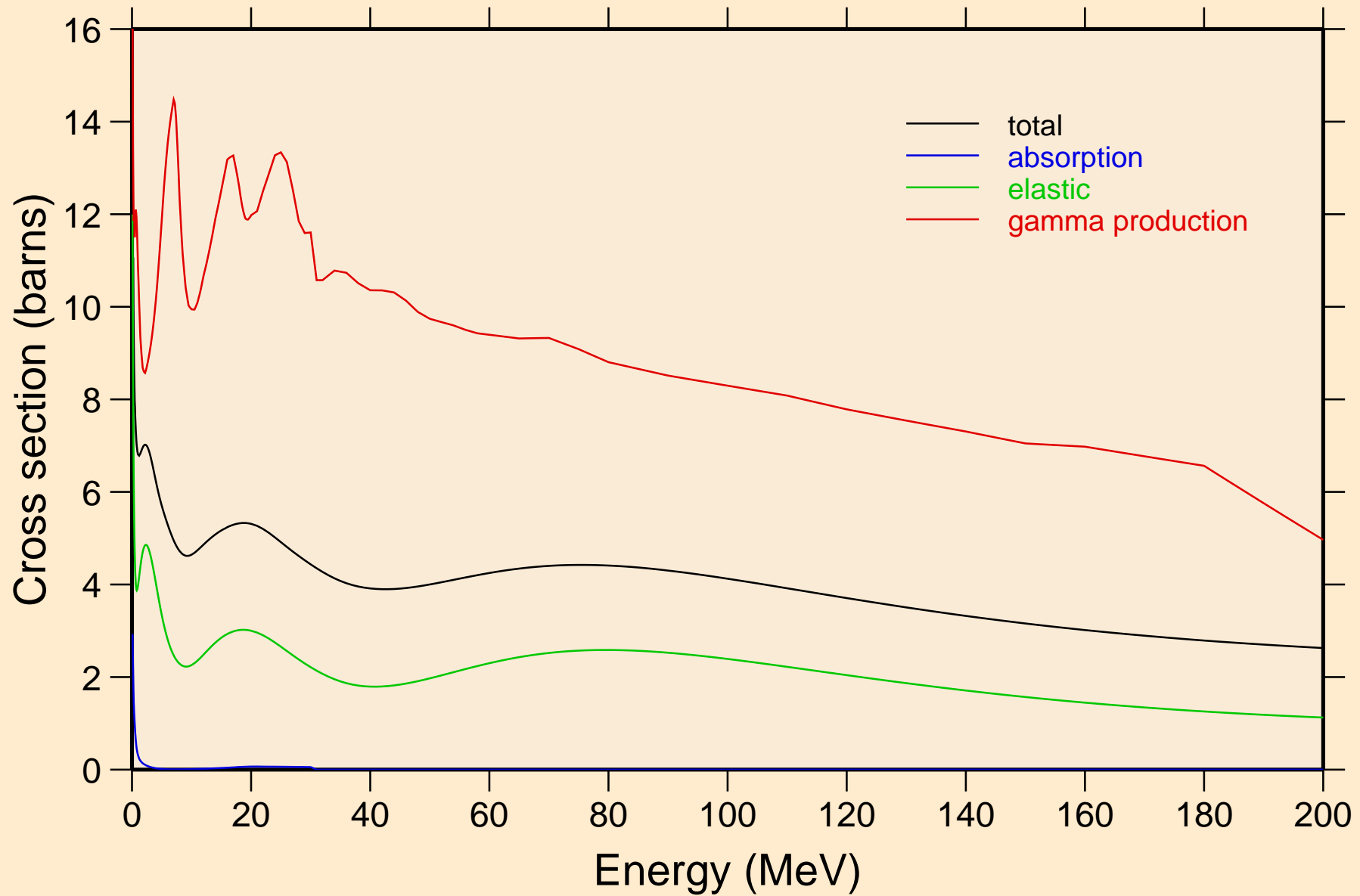
# LU172 NRG TENDL-2015, AKONING

## Non-threshold reactions

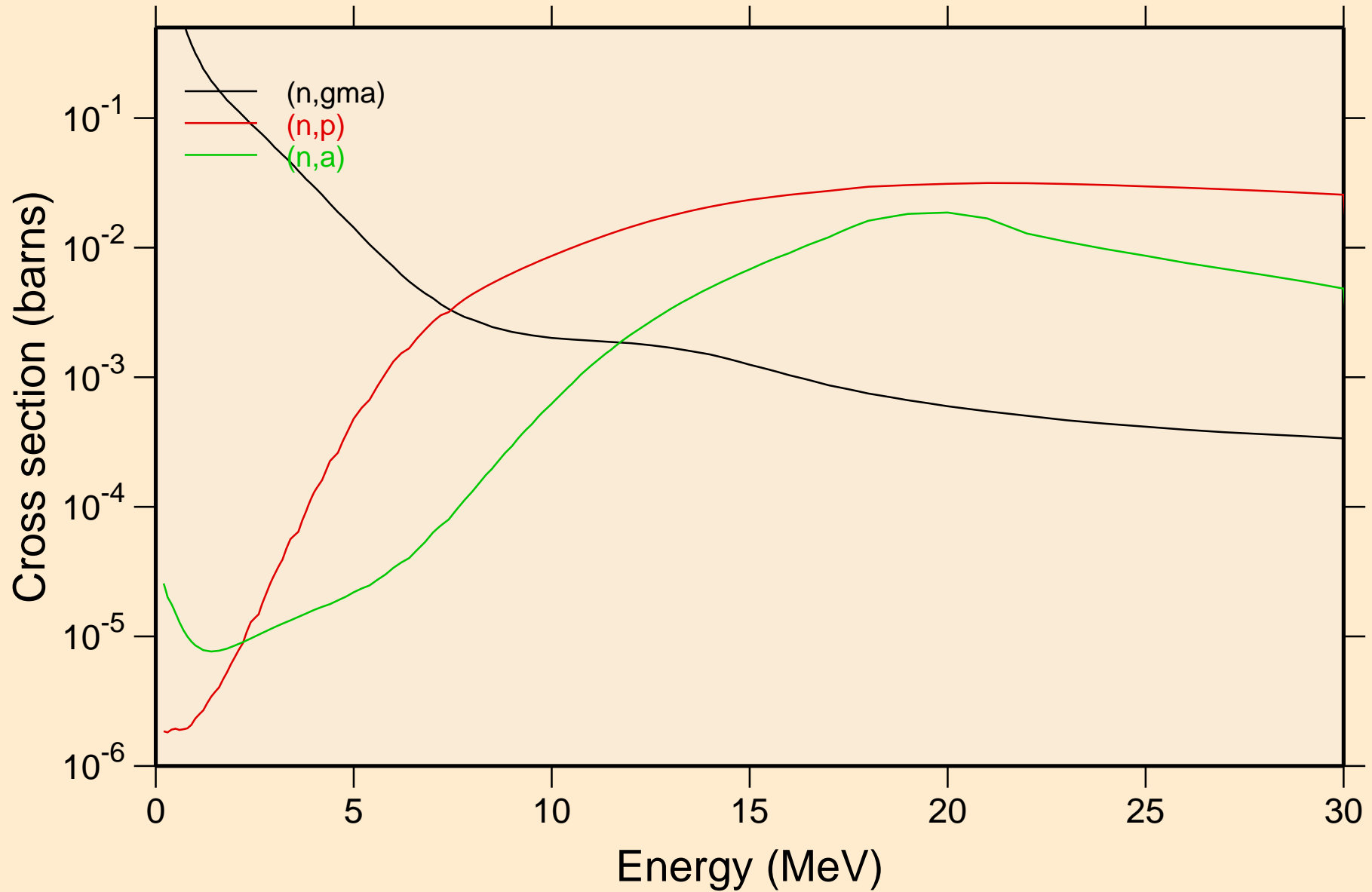


# LU172 NRG TENDL-2015, AKONING

## Principal cross sections

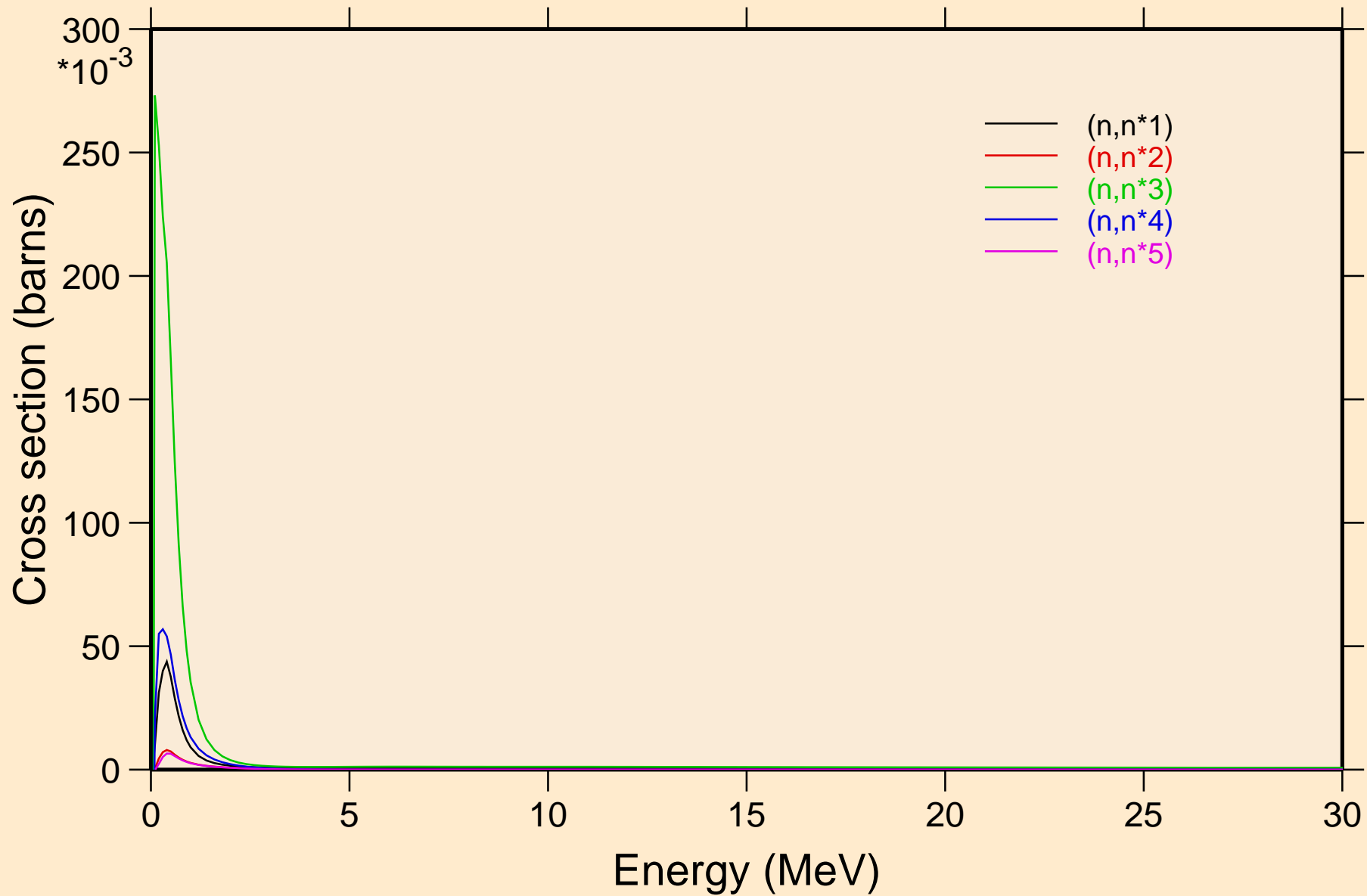


LU172 NRG TENDL-2015, AKONING  
Non-threshold reactions

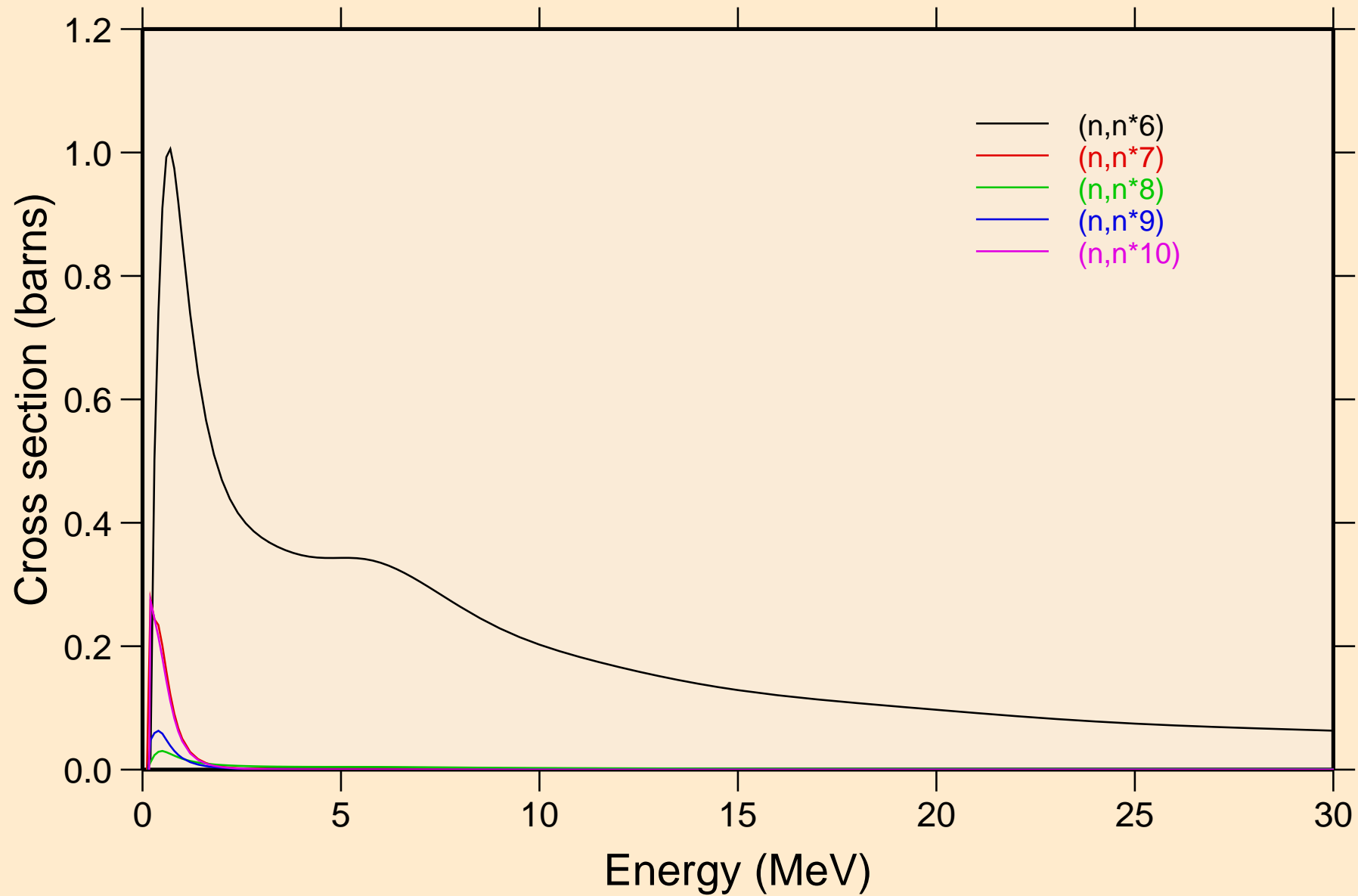


# LU172 NRG TENDL-2015, AKONING

## Inelastic levels

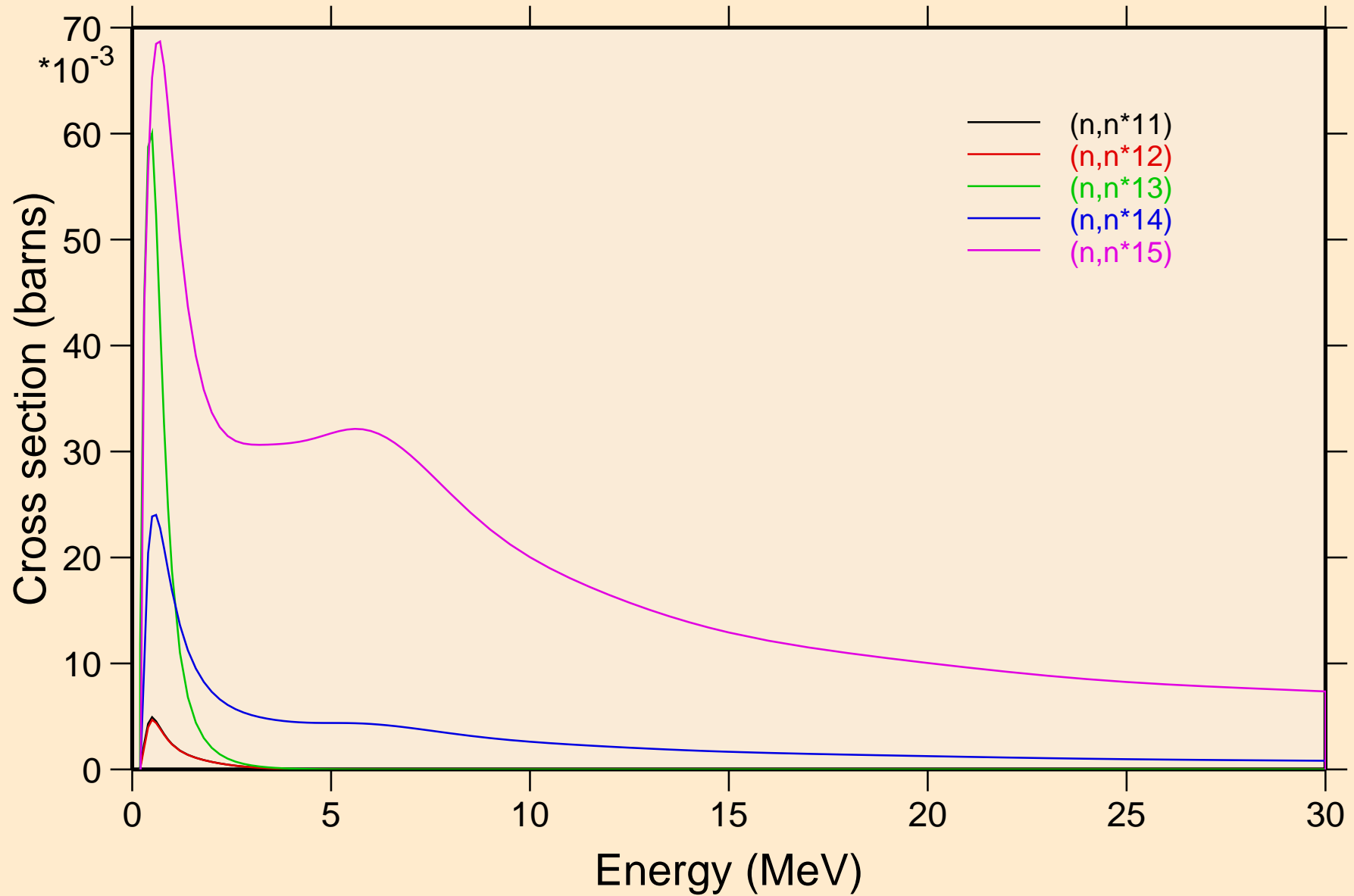


LU172 NRG TENDL-2015, AKONING  
Inelastic levels



# LU172 NRG TENDL-2015, AKONING

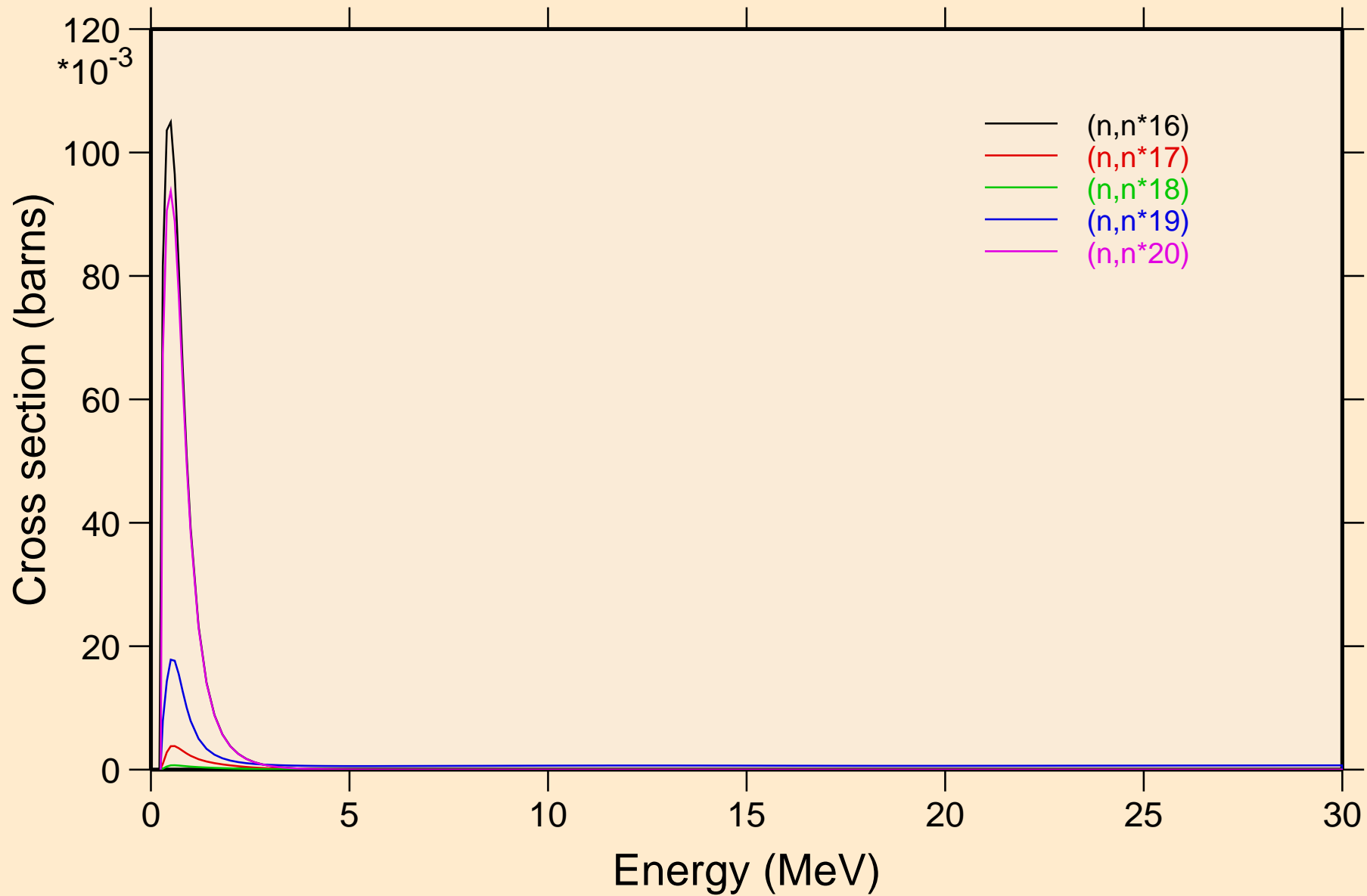
## Inelastic levels





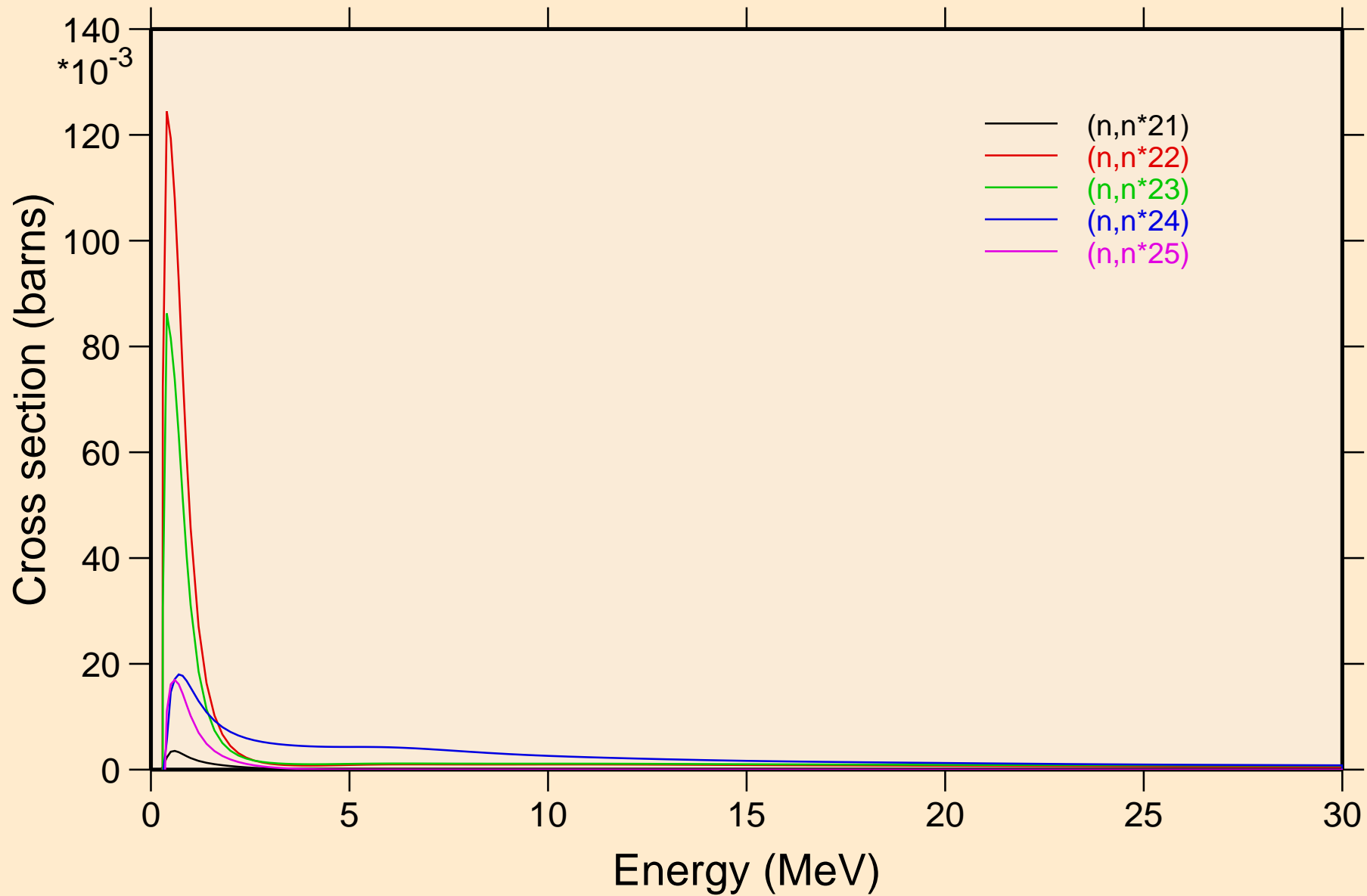
# LU172 NRG TENDL-2015, AKONING

## Inelastic levels



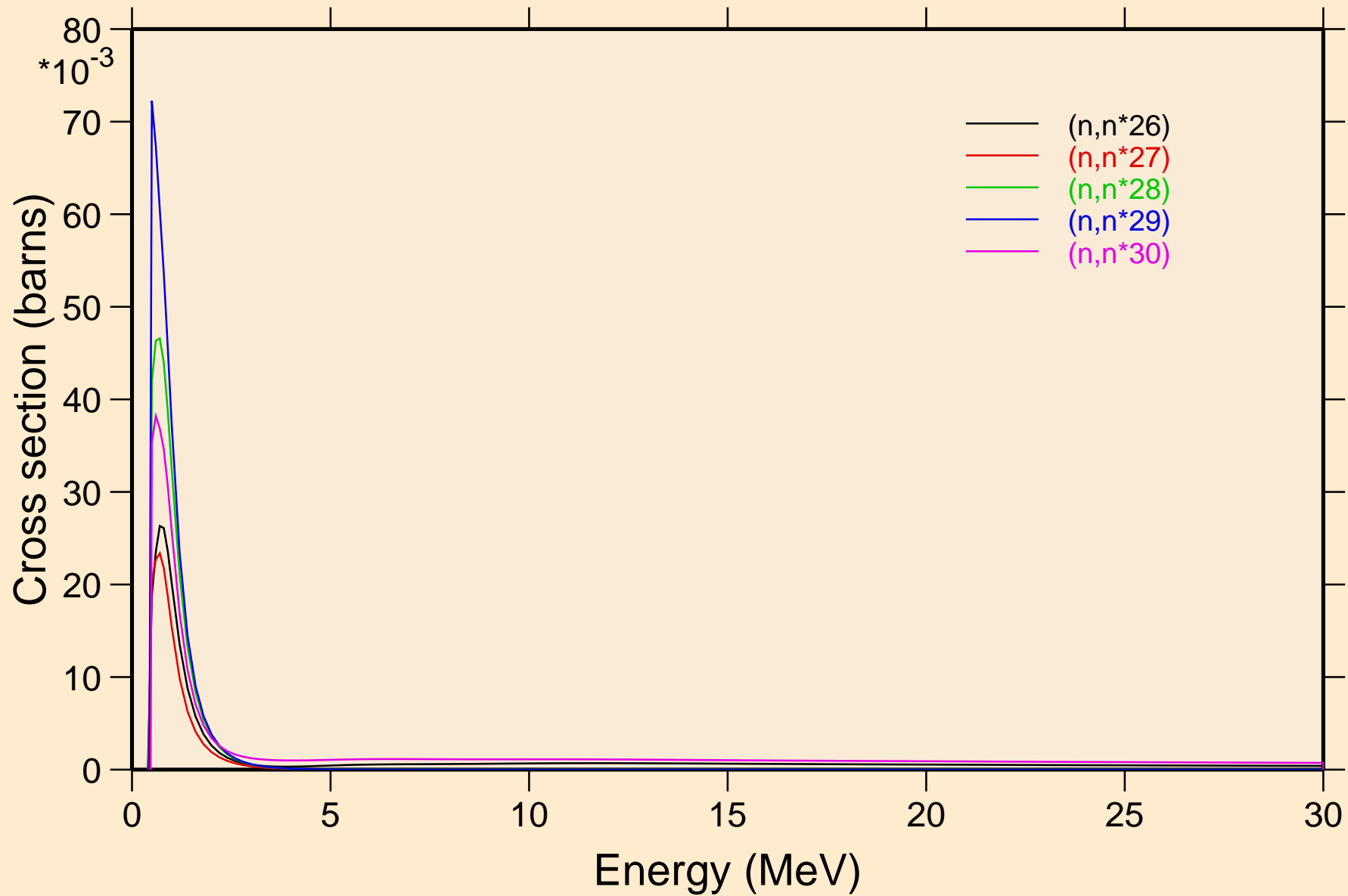
# LU172 NRG TENDL-2015, AKONING

## Inelastic levels



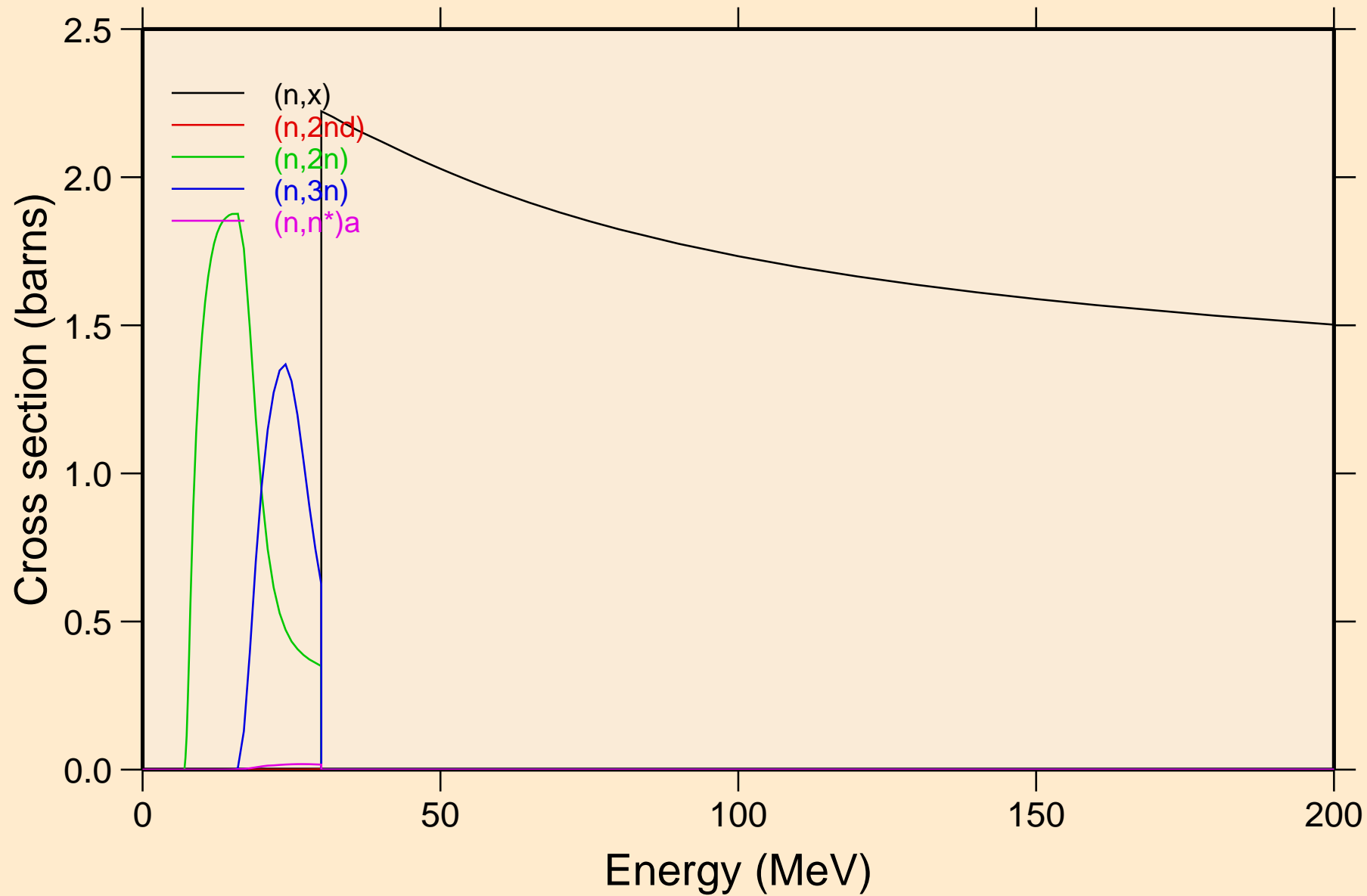
# LU172 NRG TENDL-2015, AKONING

## Inelastic levels



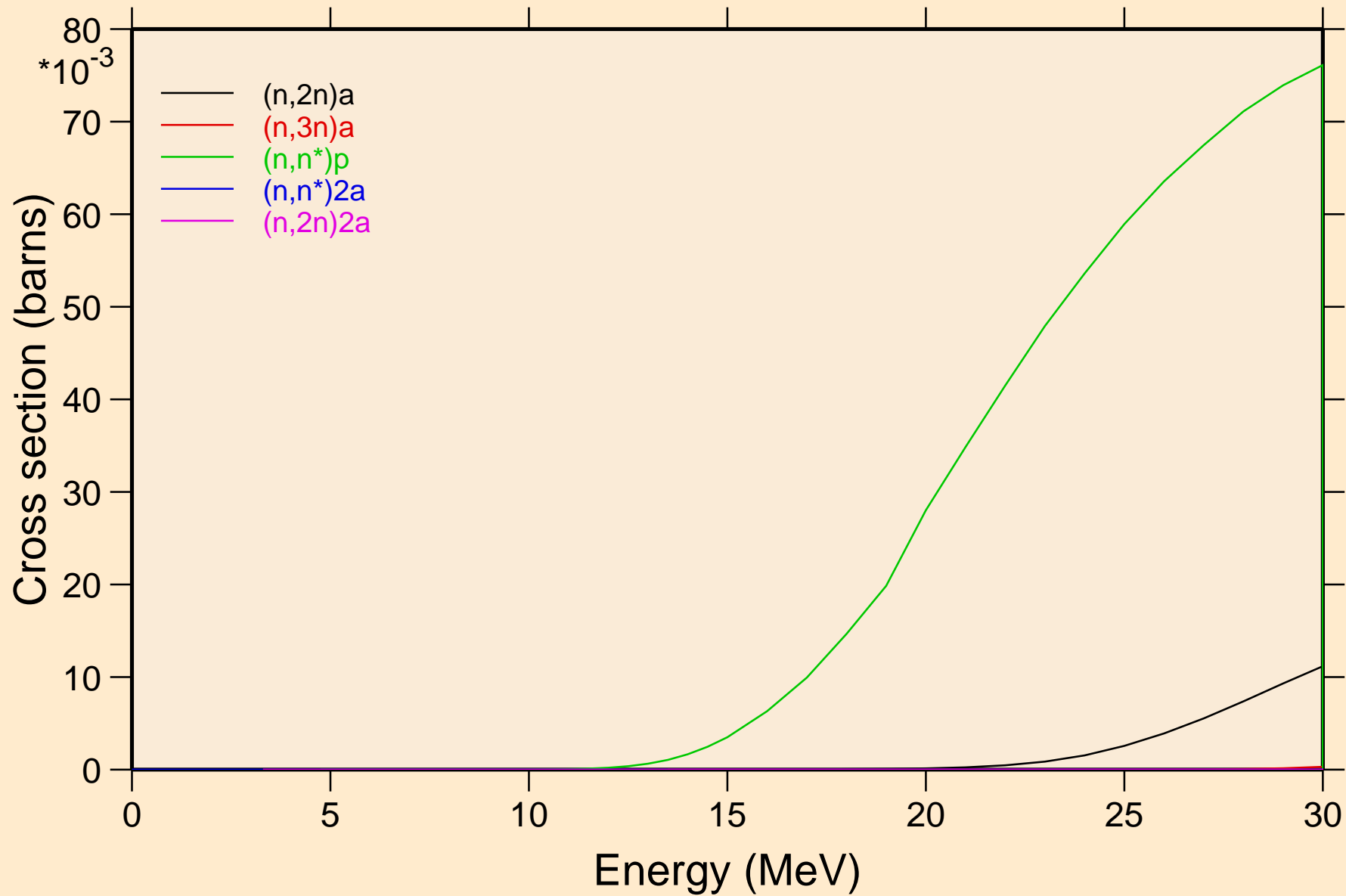
# LU172 NRG TENDL-2015, AKONING

## Threshold reactions



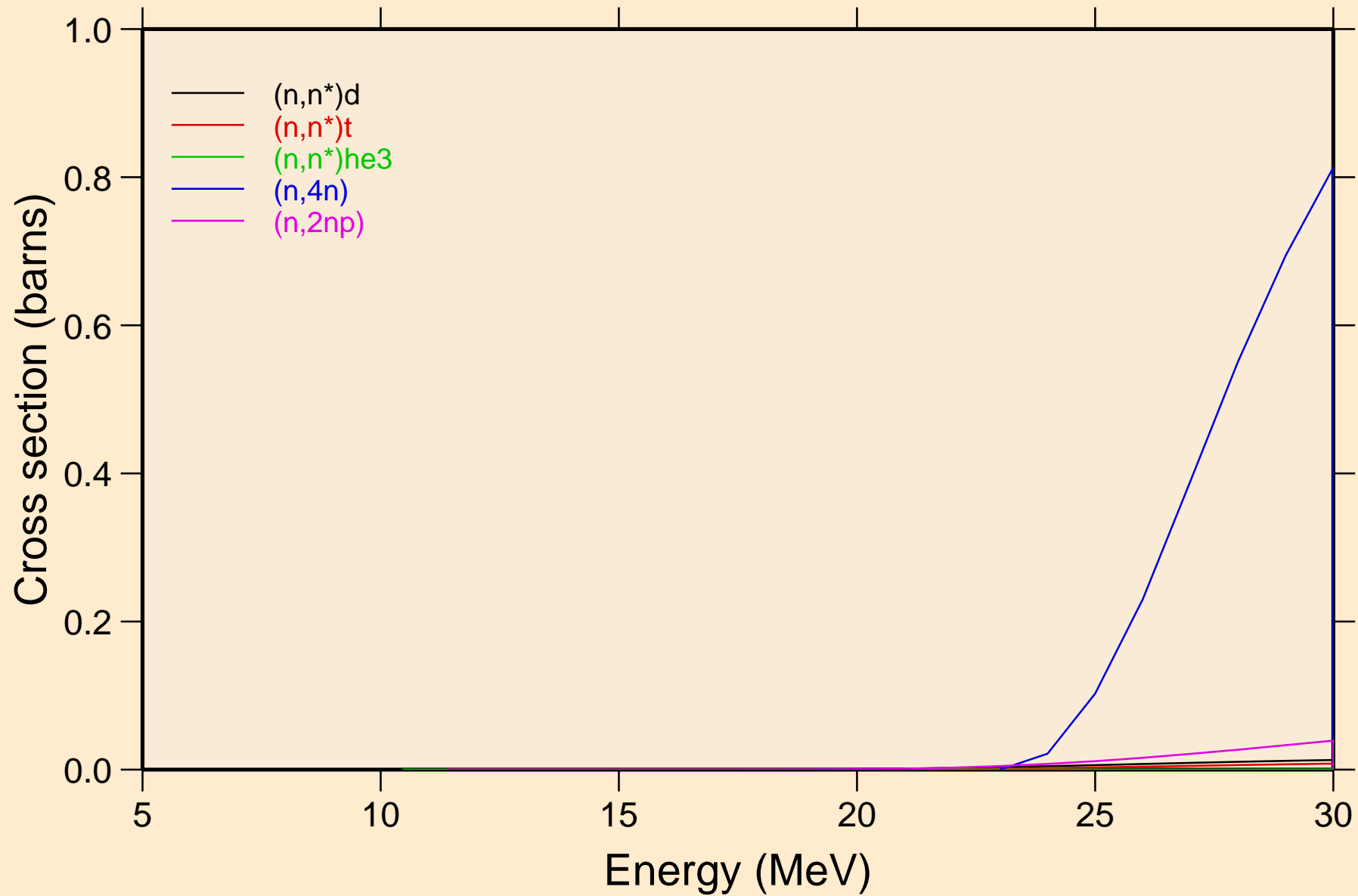
# LU172 NRG TENDL-2015, AKONING

## Threshold reactions



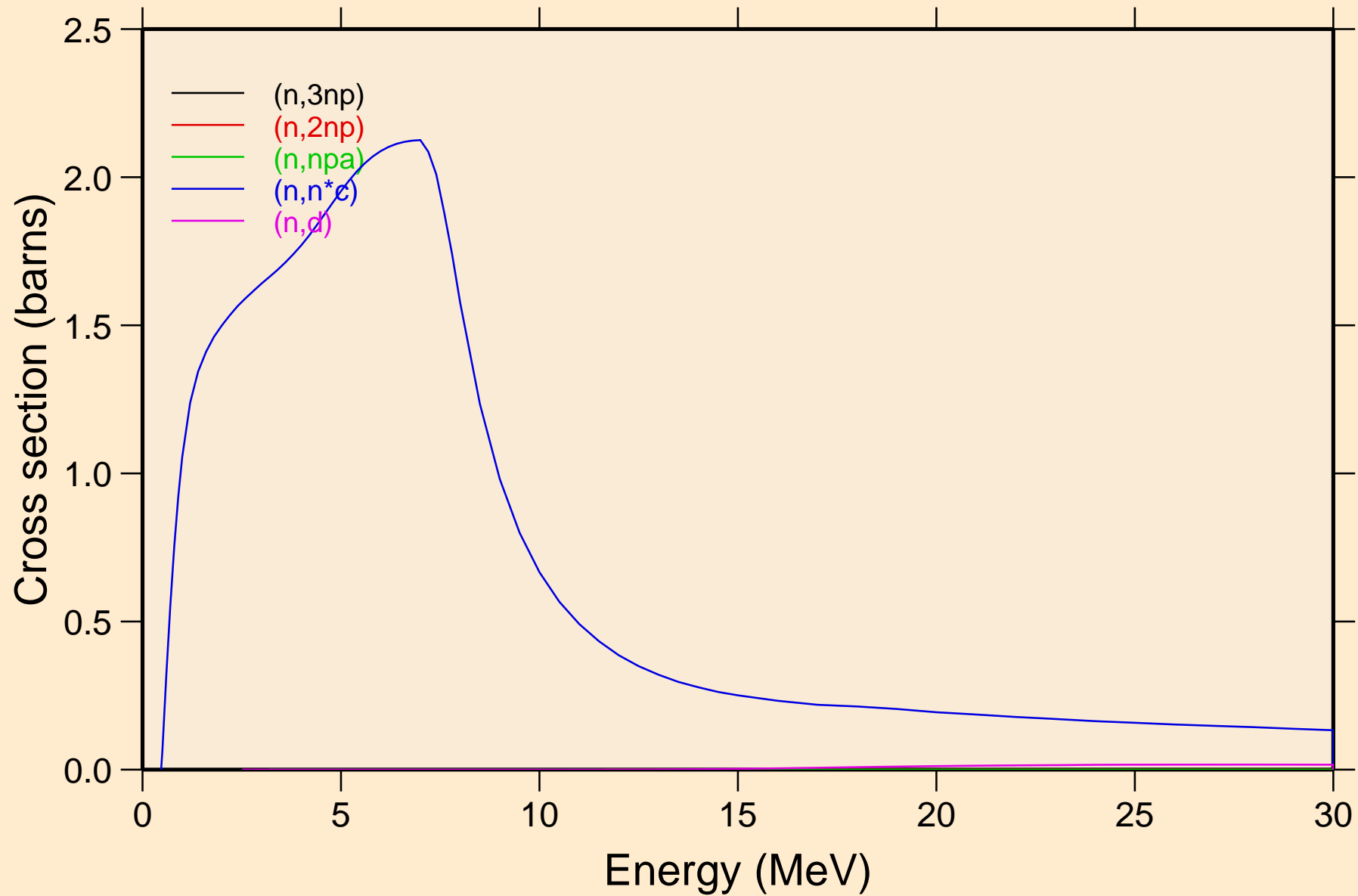
# LU172 NRG TENDL-2015, AKONING

## Threshold reactions



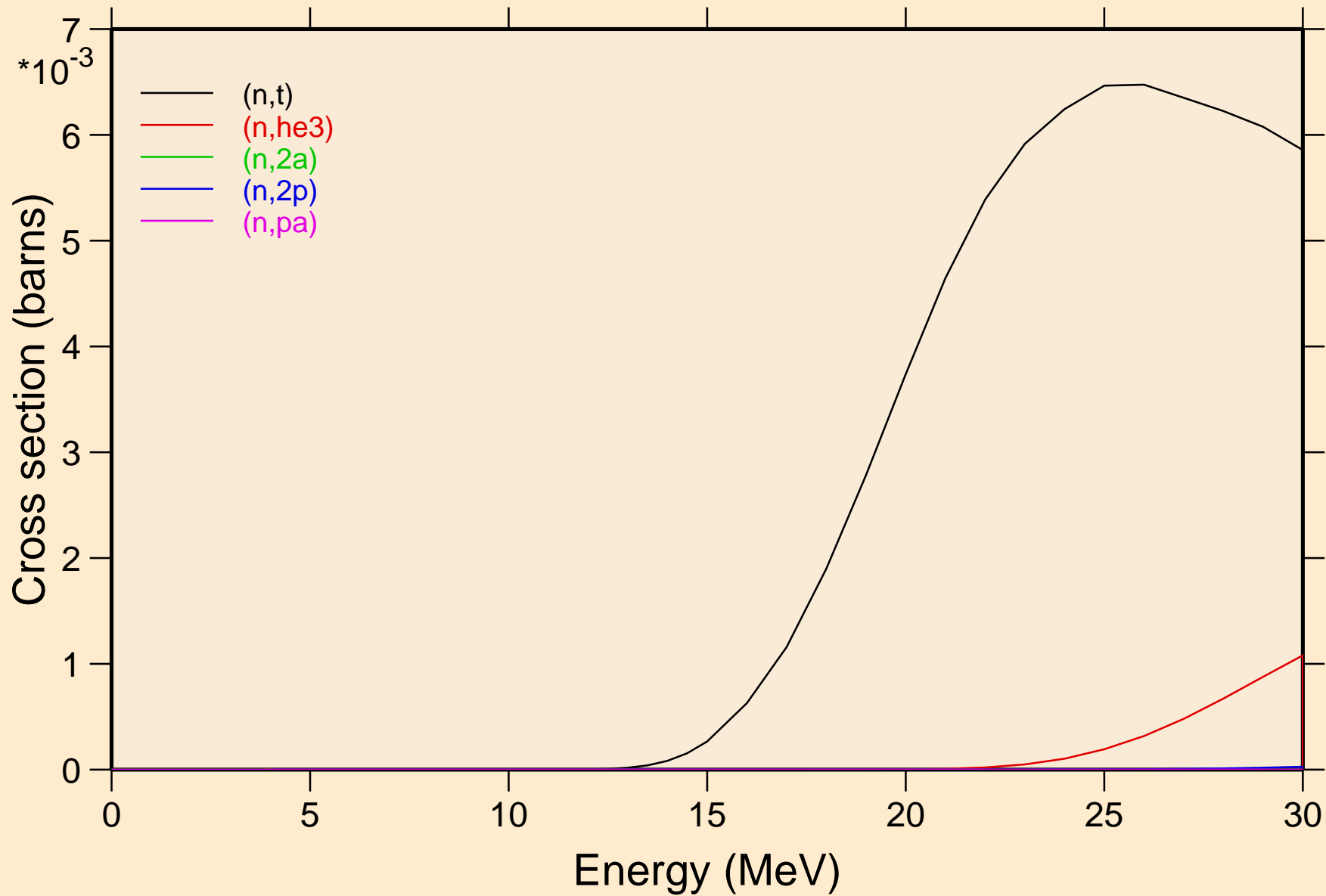
# LU172 NRG TENDL-2015, AKONING

## Threshold reactions



# LU172 NRG TENDL-2015, AKONING

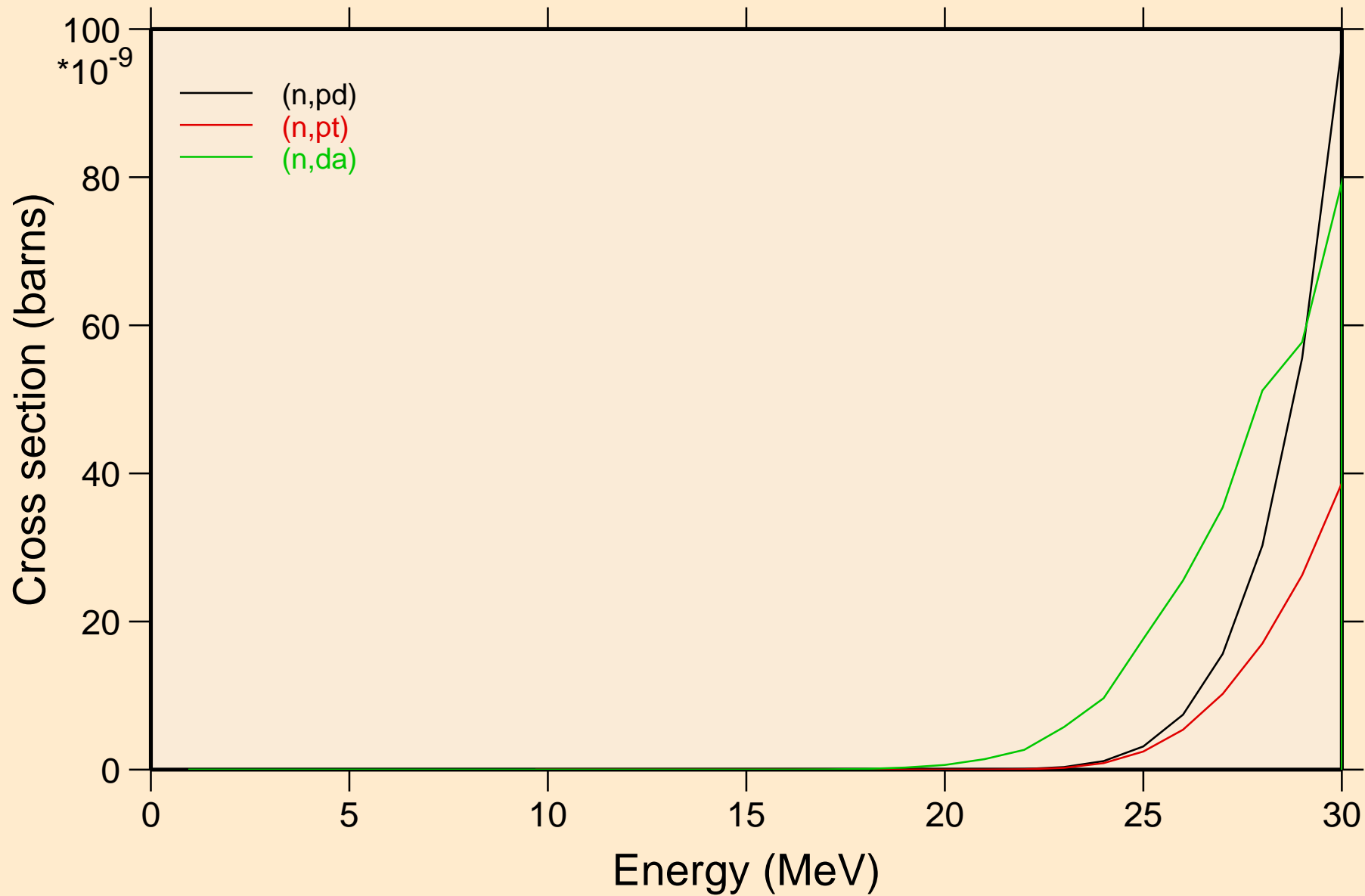
## Threshold reactions



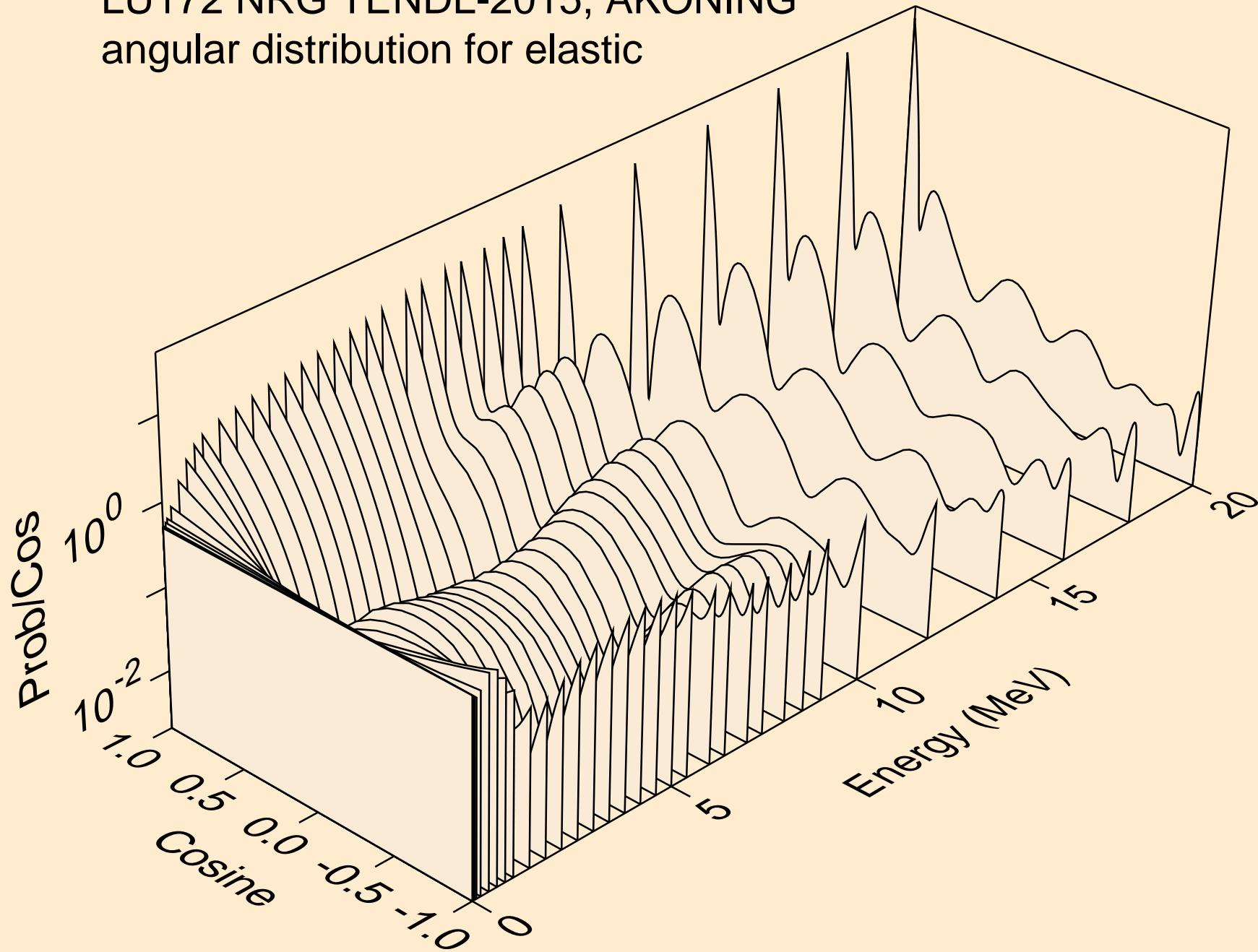


# LU172 NRG TENDL-2015, AKONING

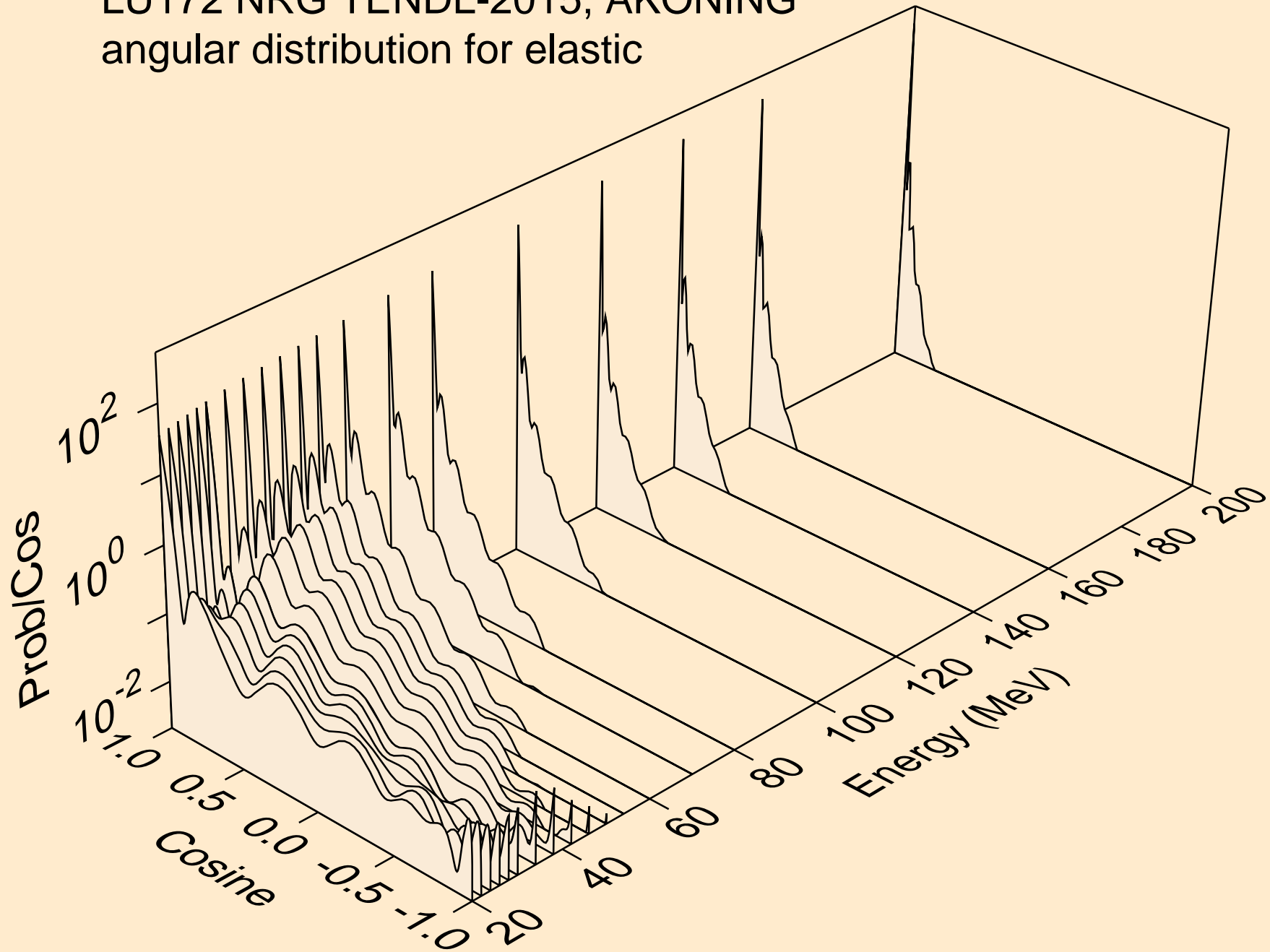
## Threshold reactions



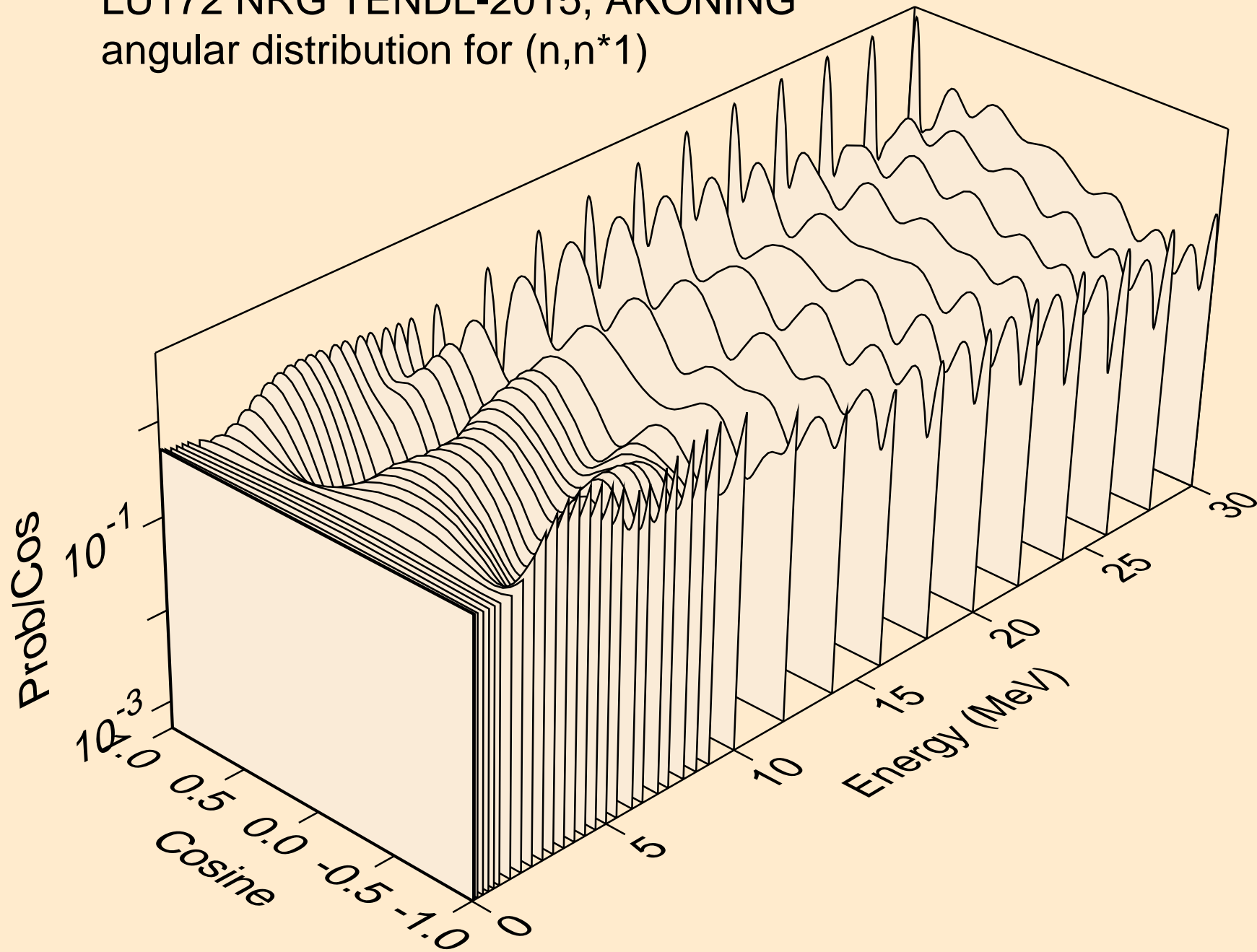
LU172 NRG TENDL-2015, AKONING  
angular distribution for elastic



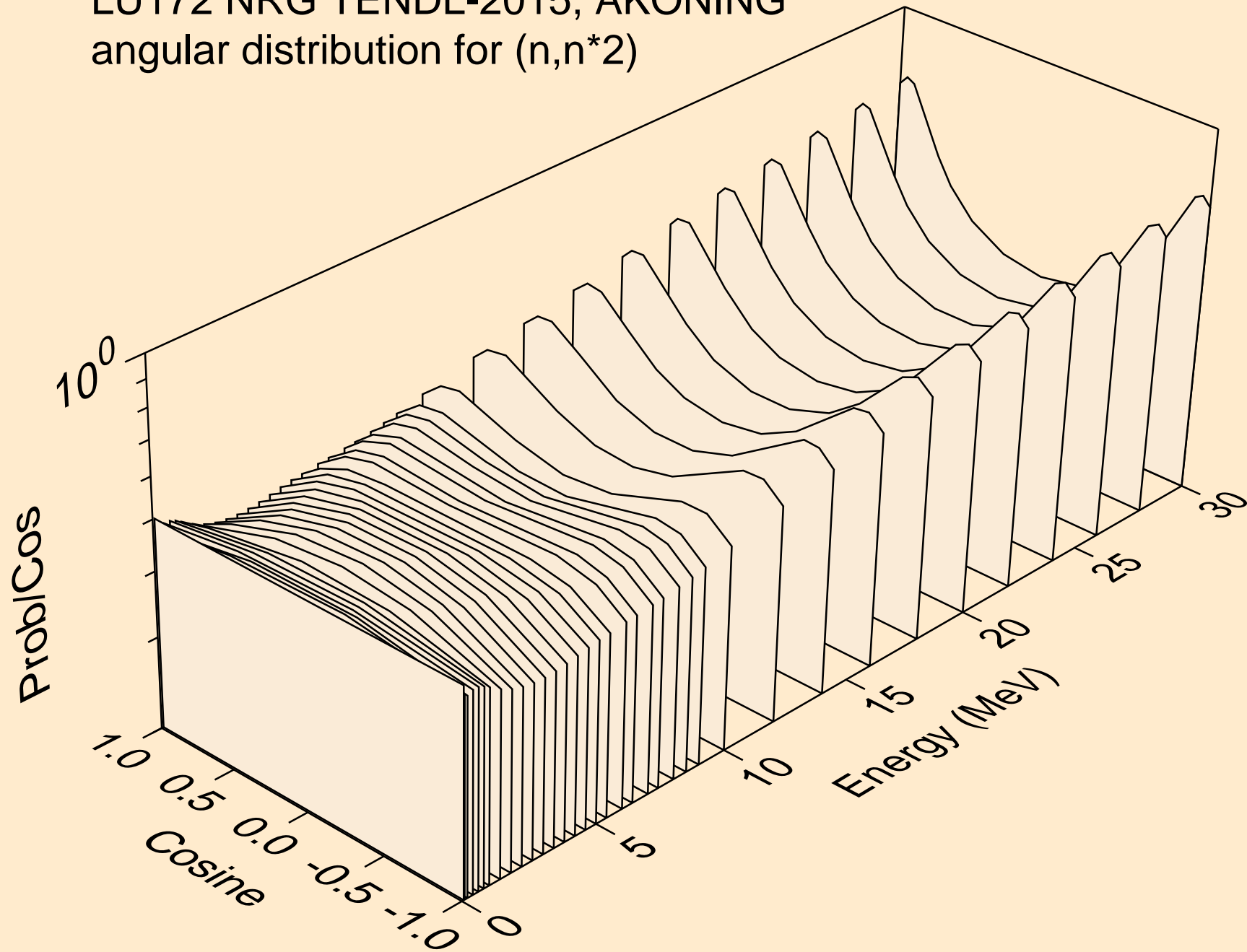
LU172 NRG TENDL-2015, AKONING  
angular distribution for elastic



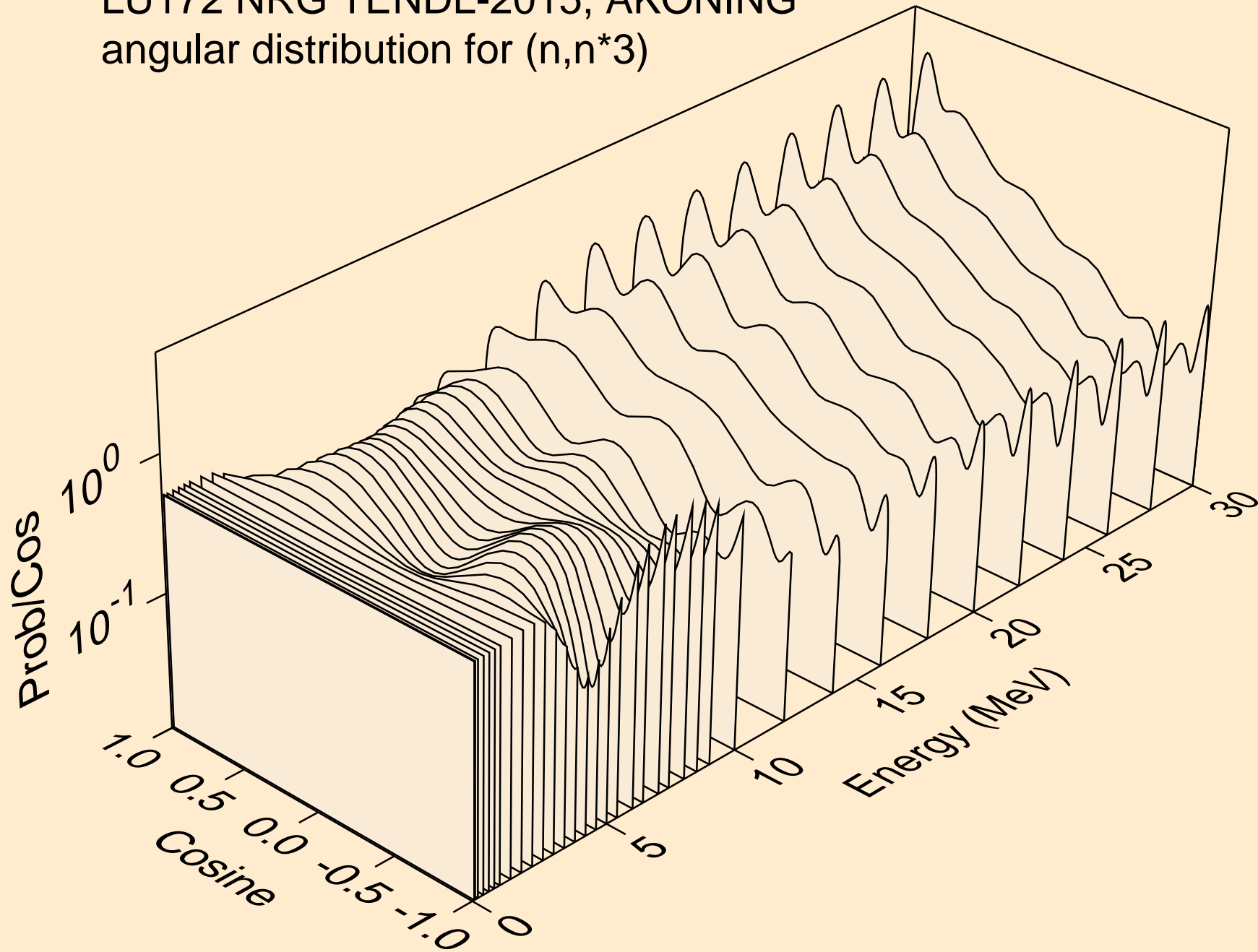
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



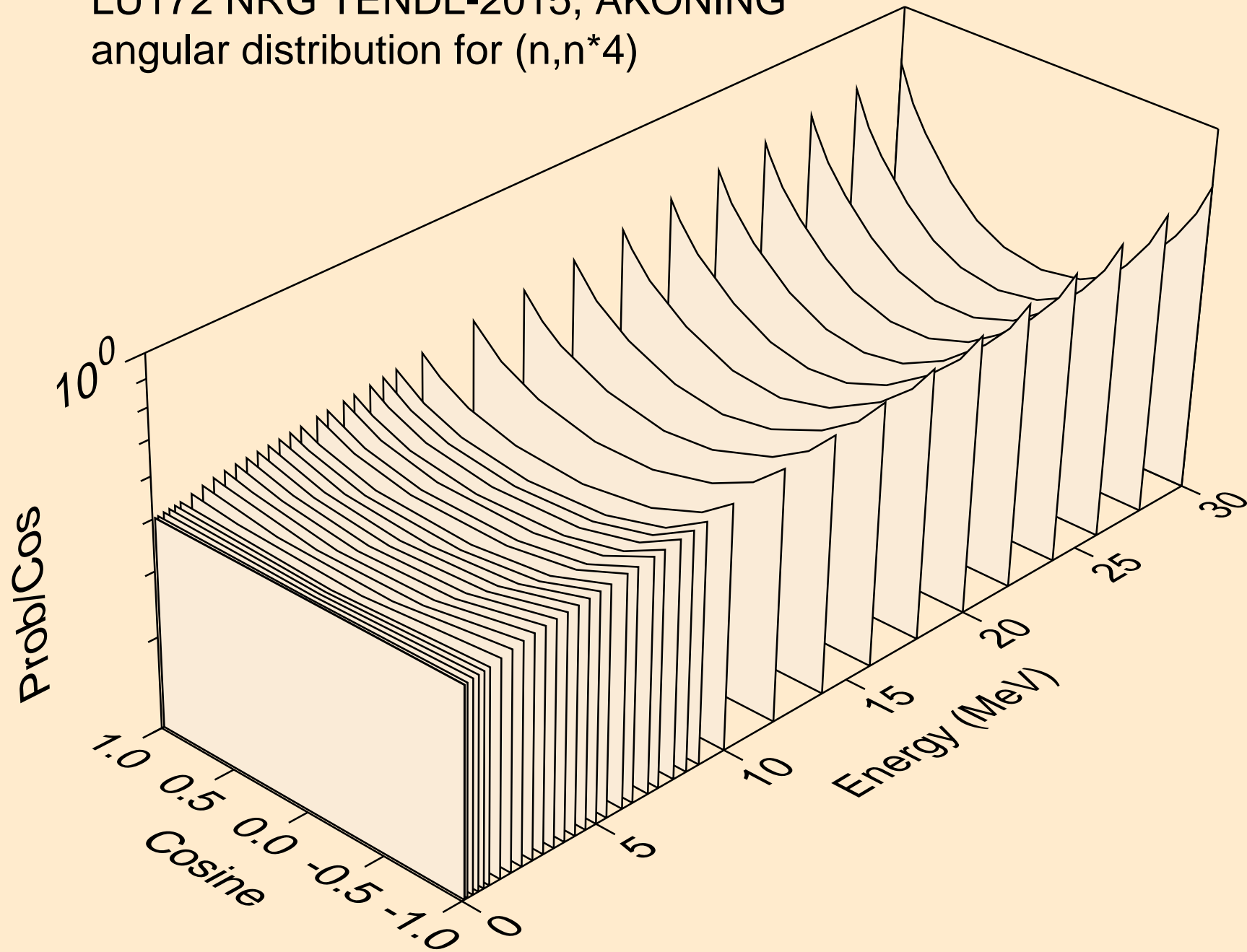
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



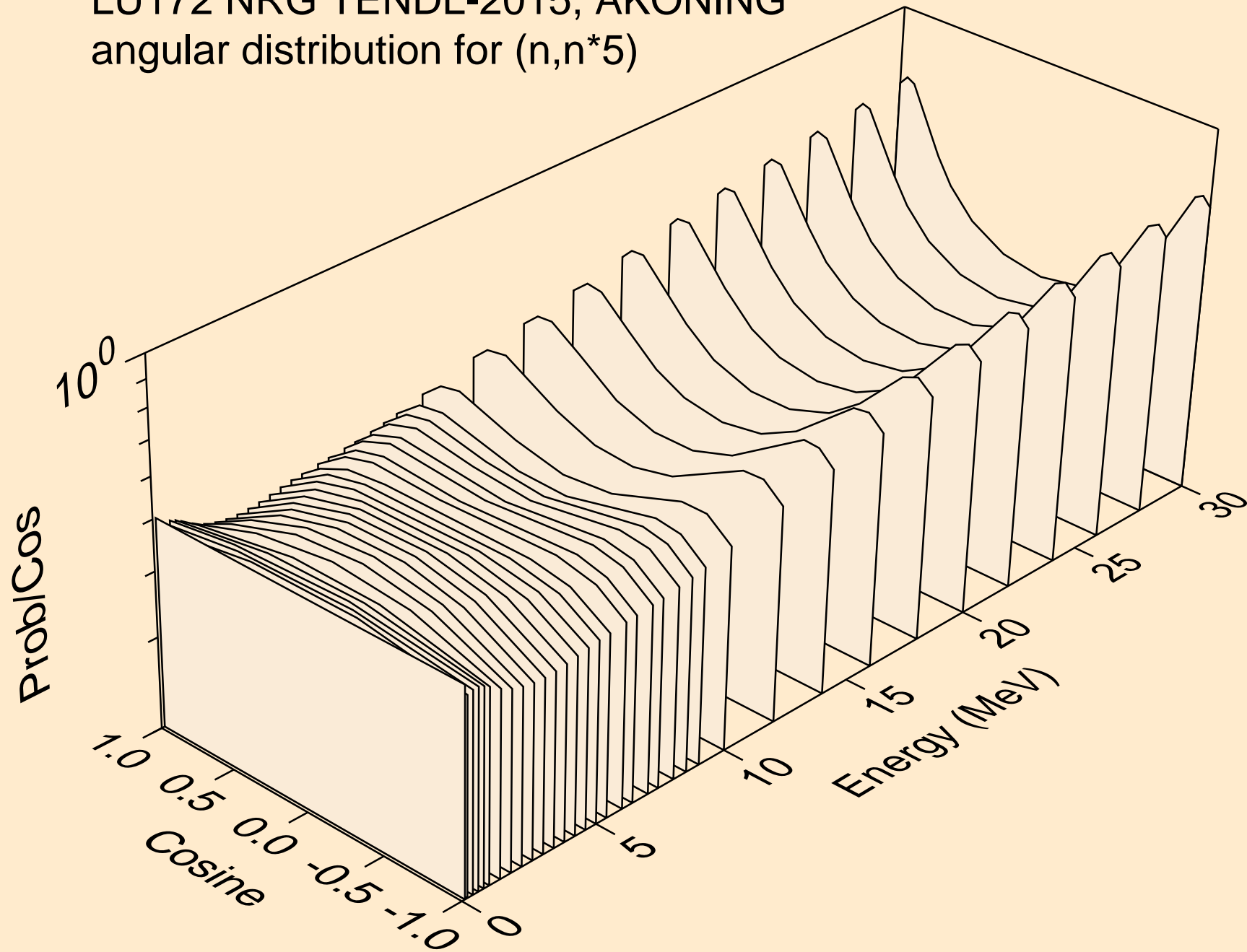
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

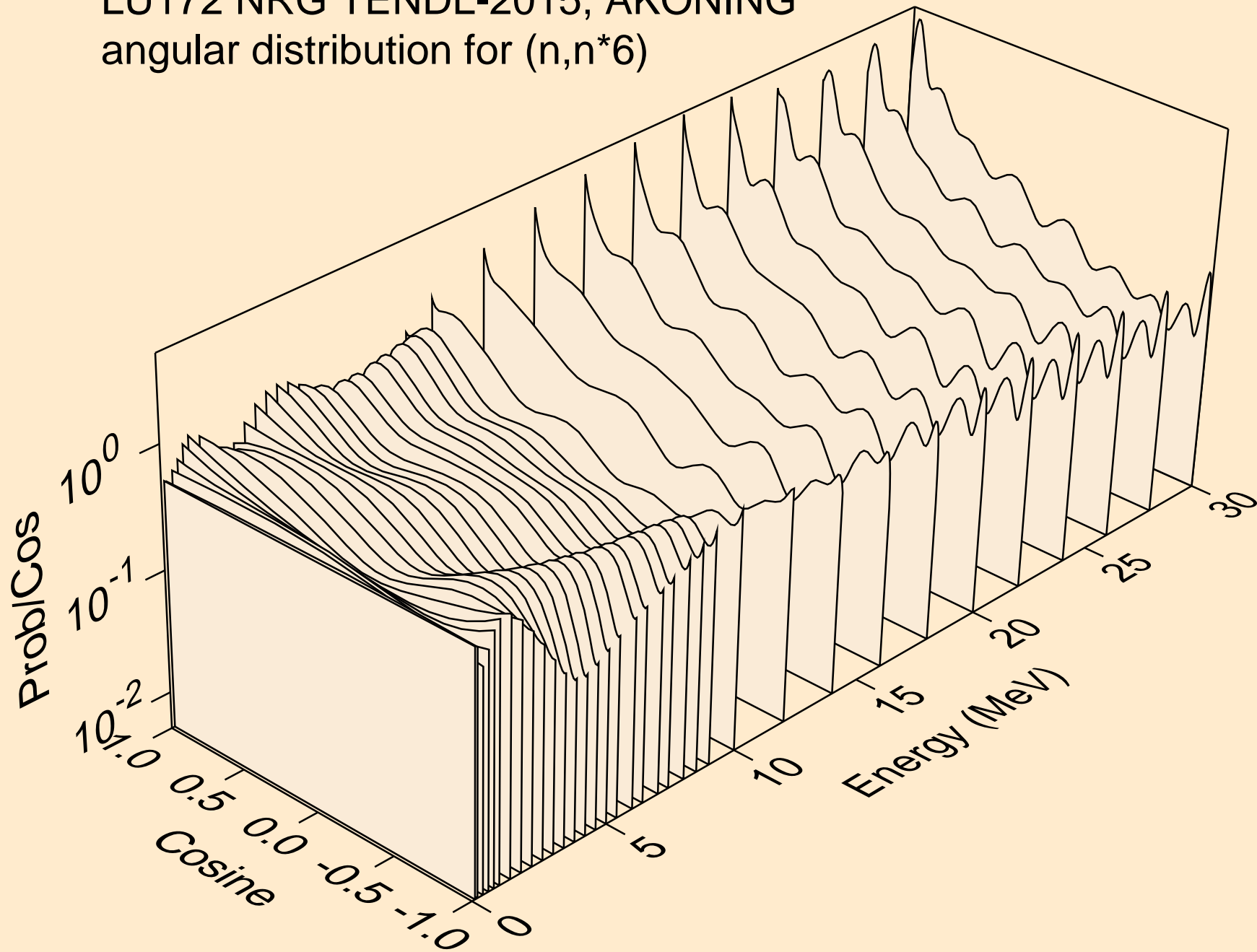


LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

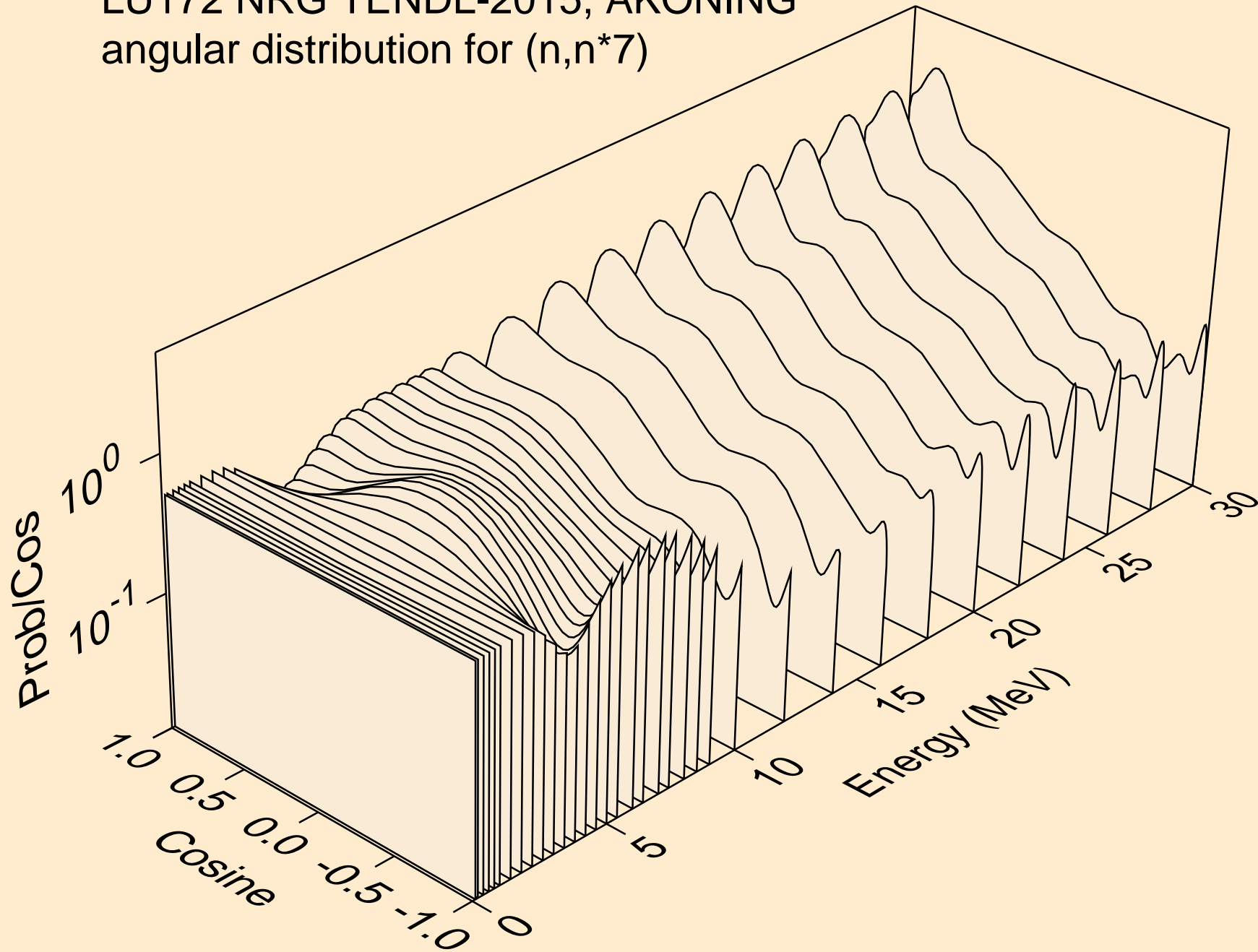




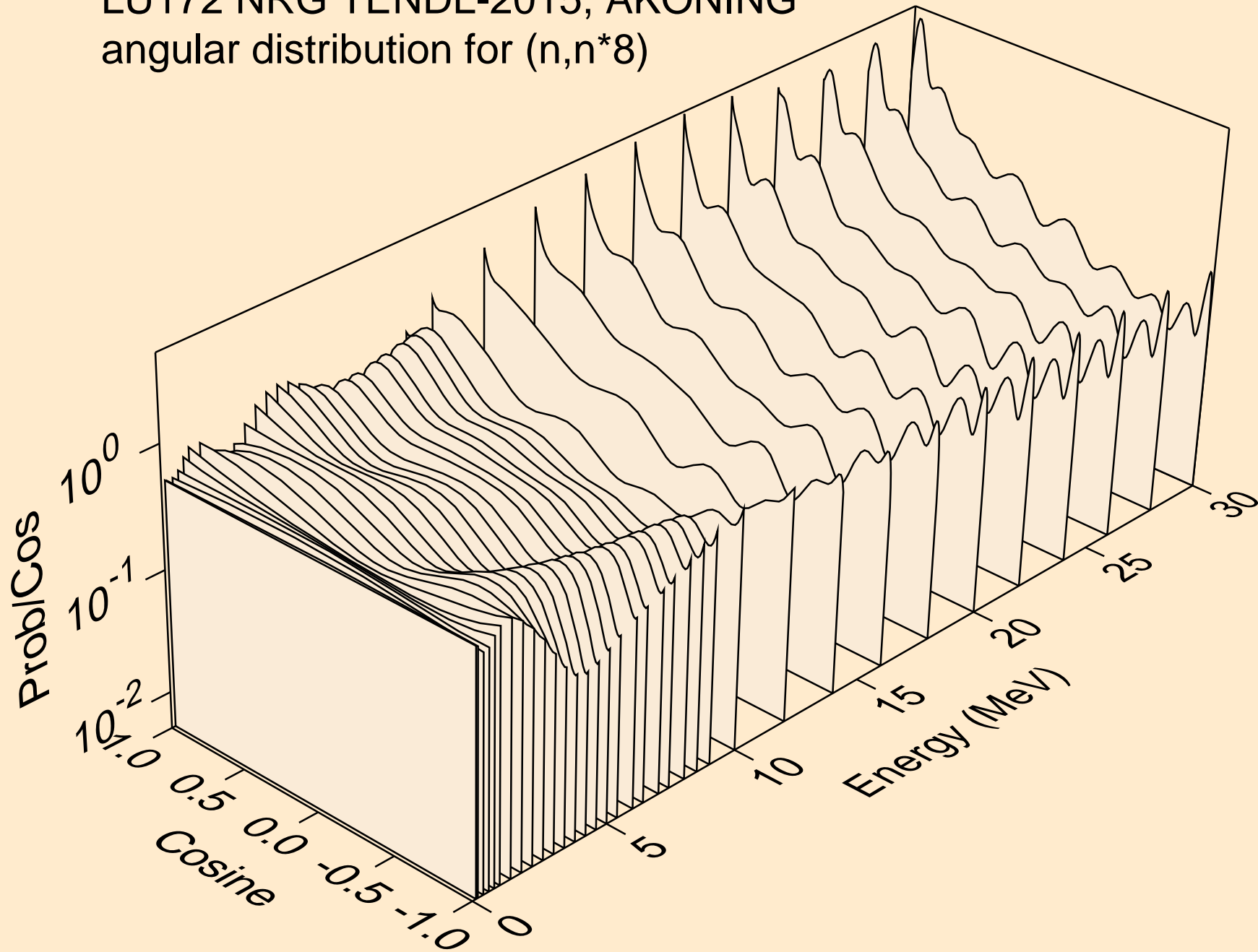
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



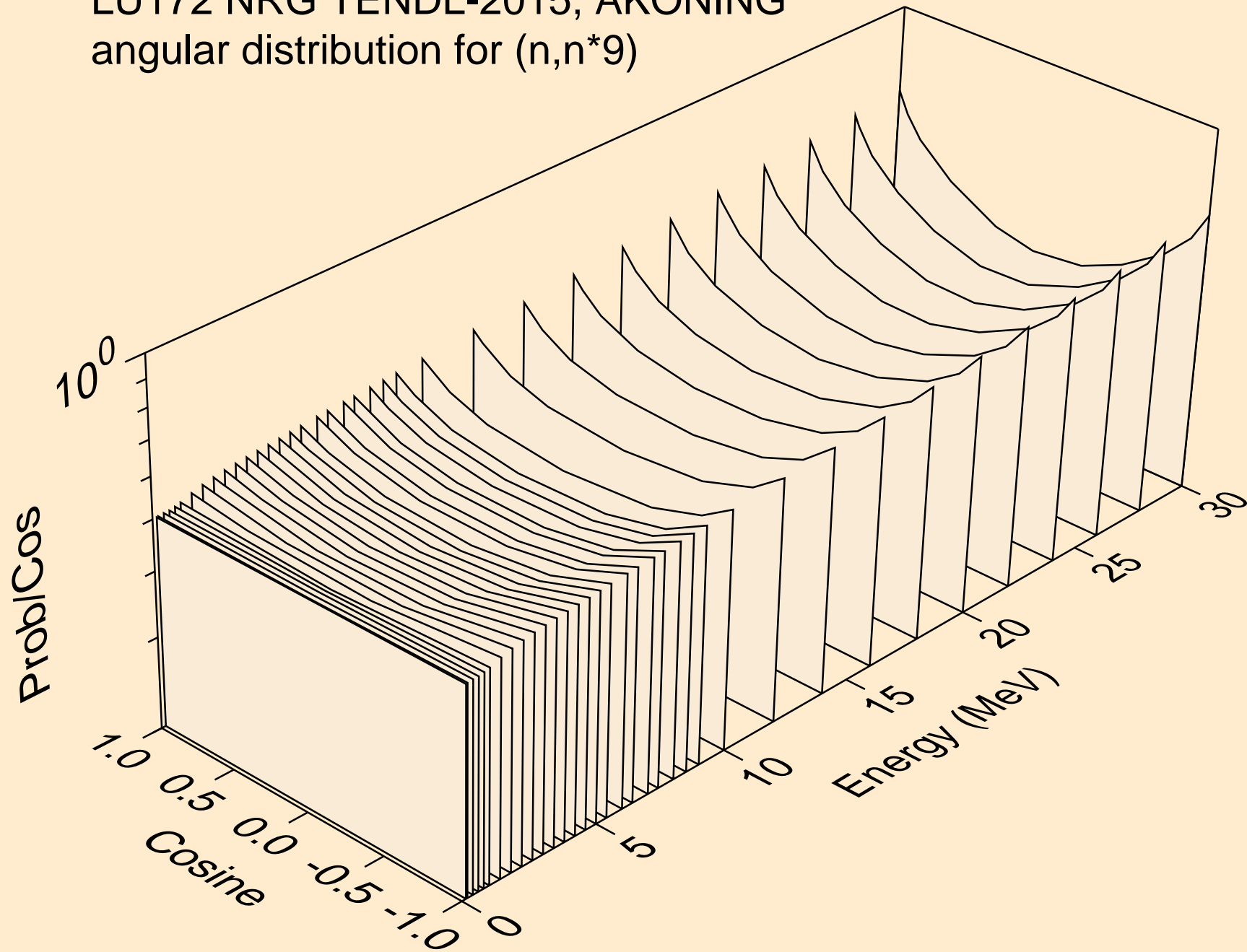
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



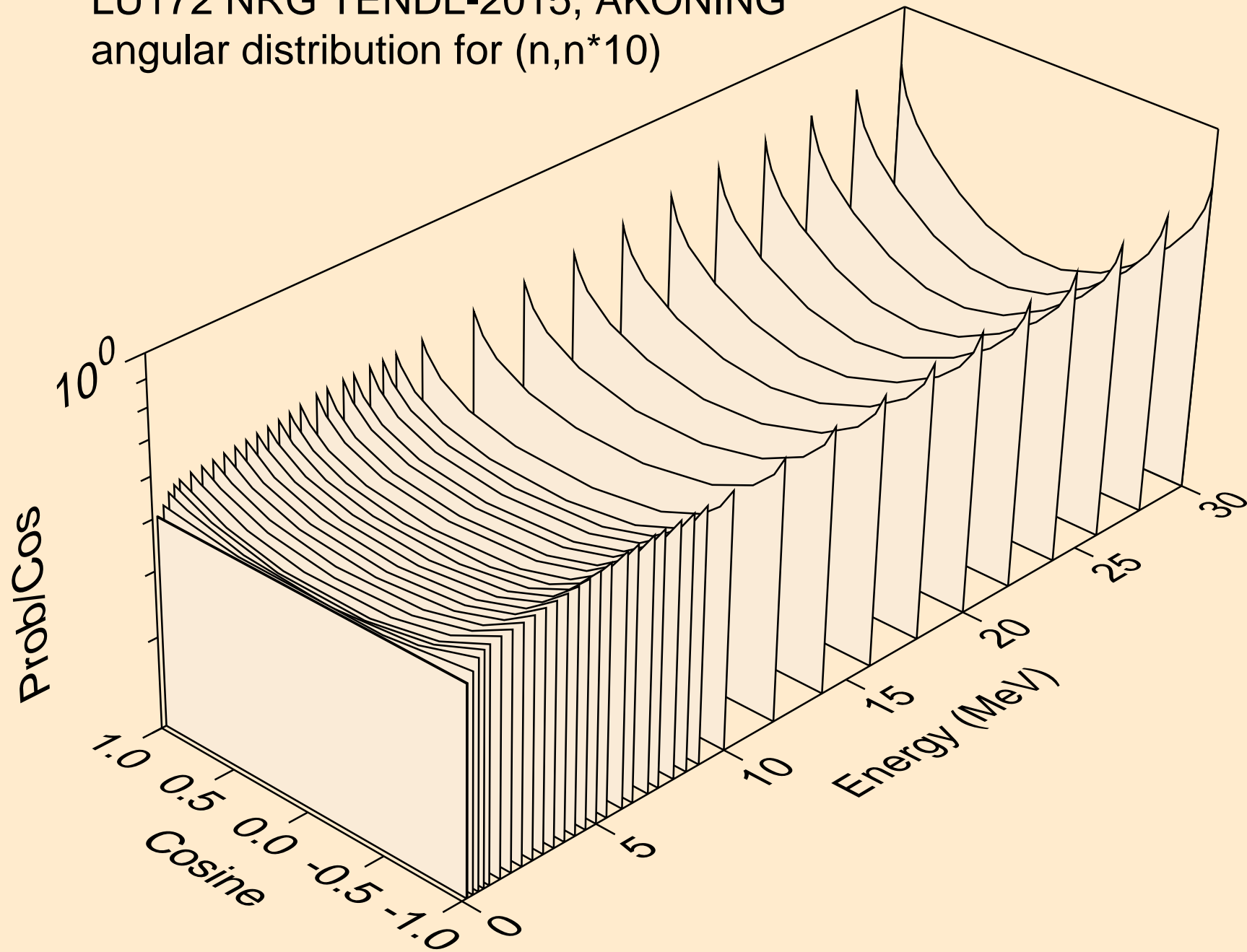
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



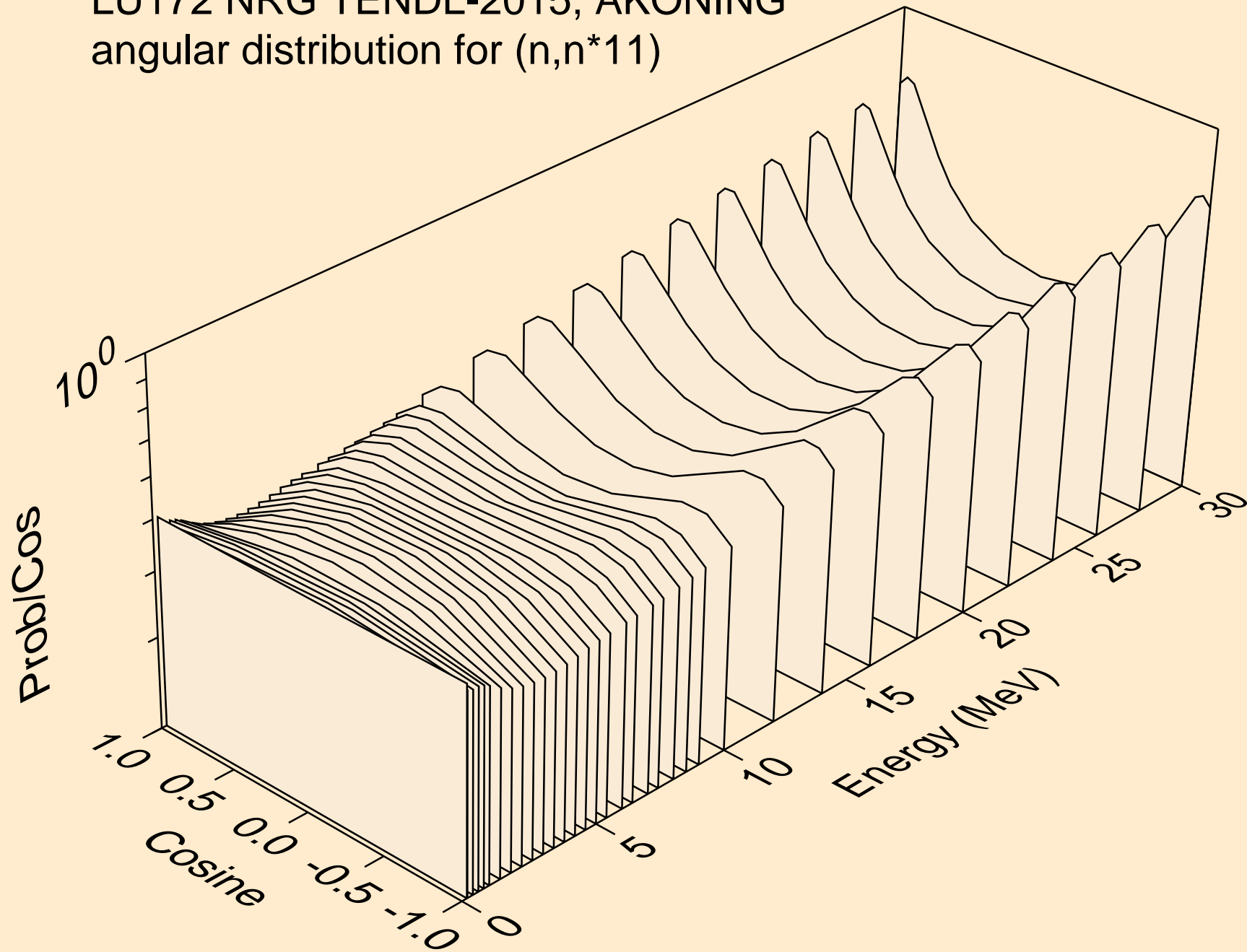
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



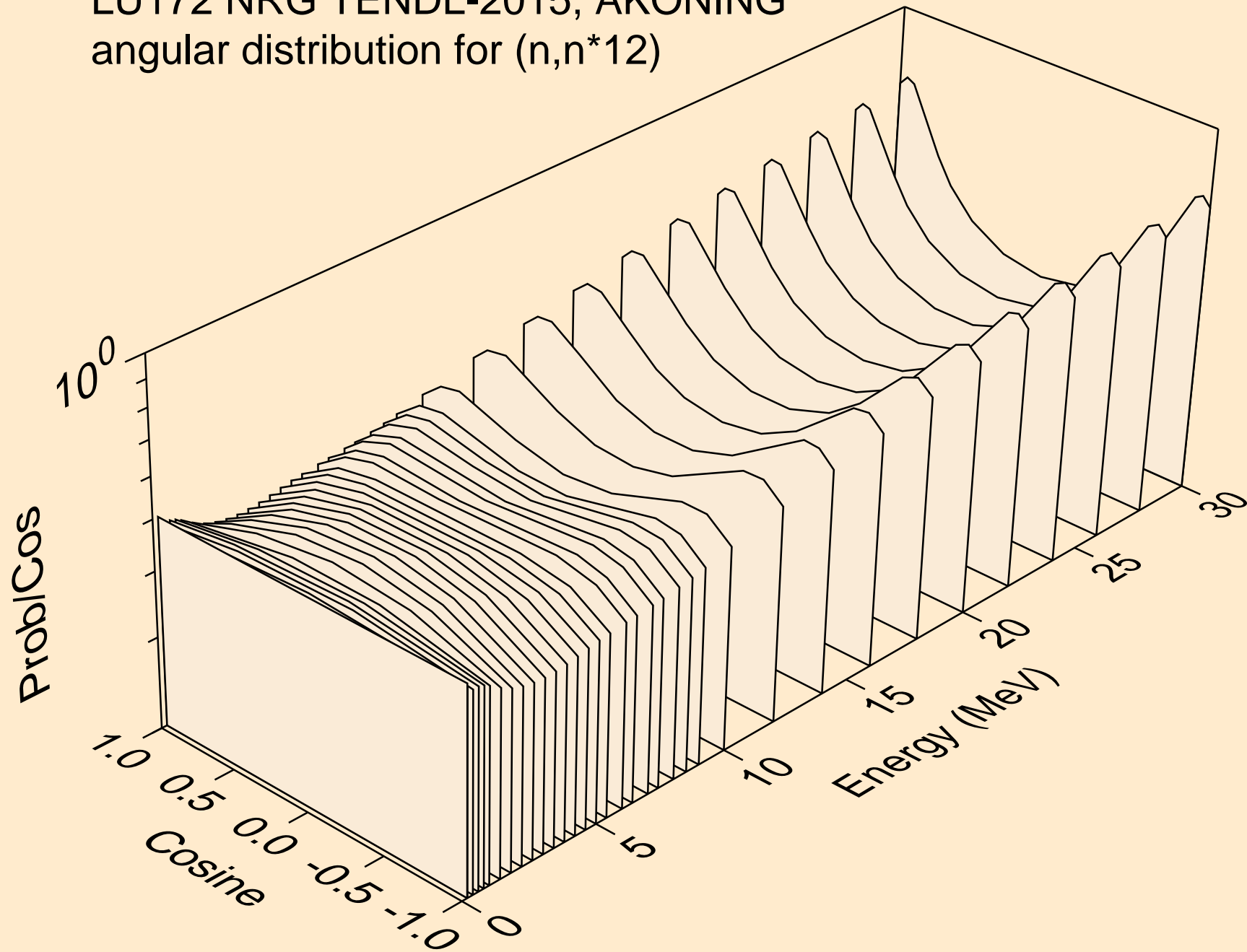
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



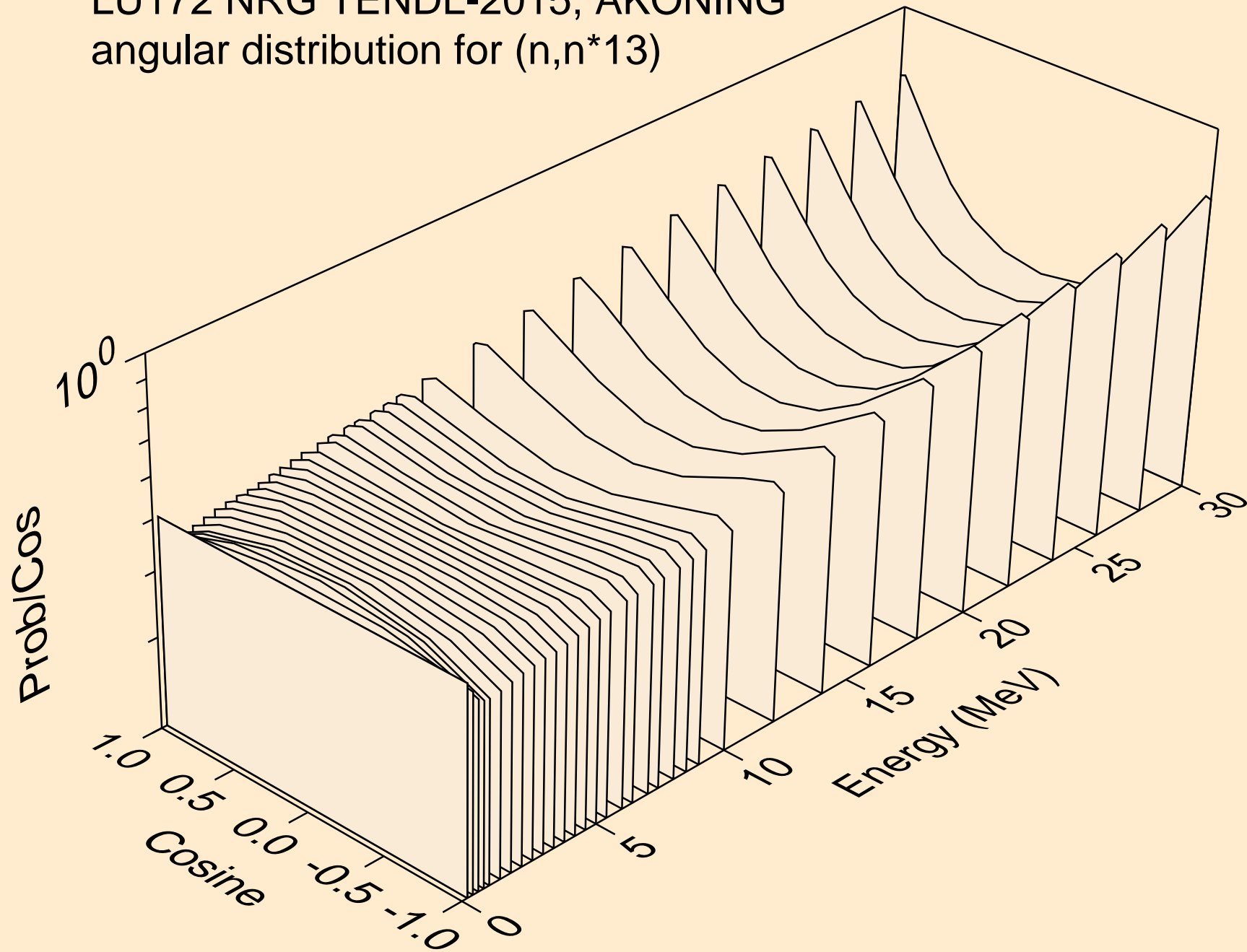
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

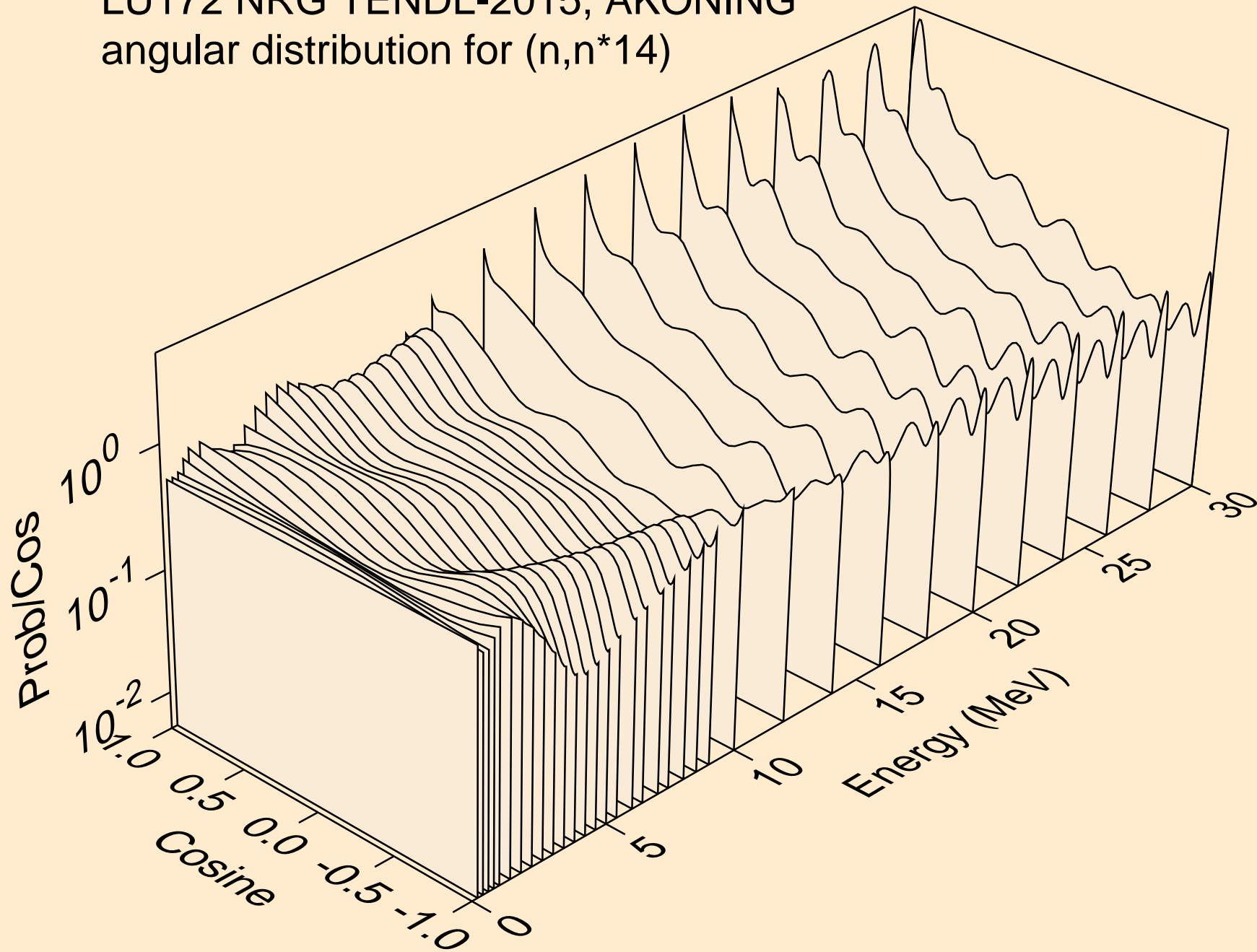


LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

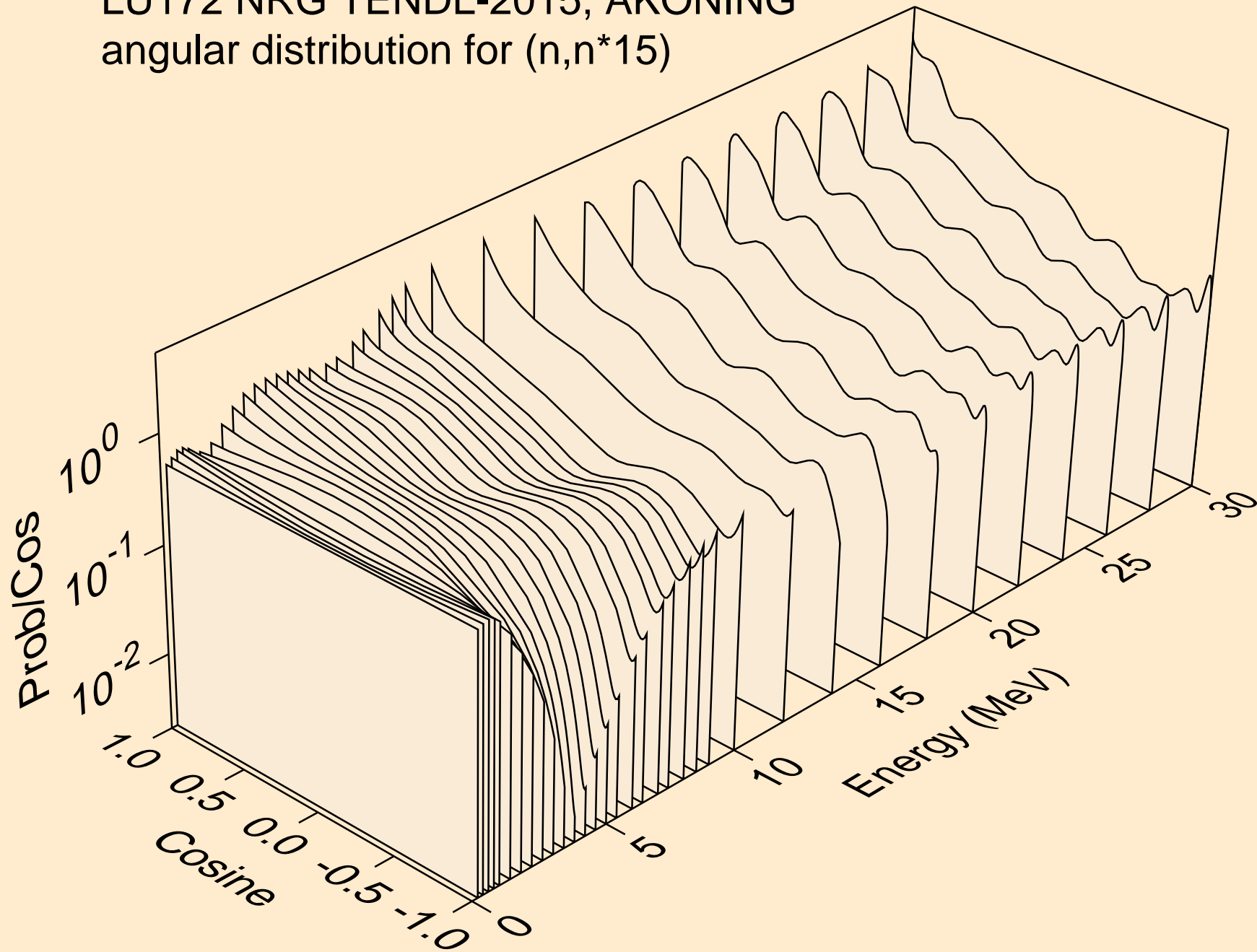




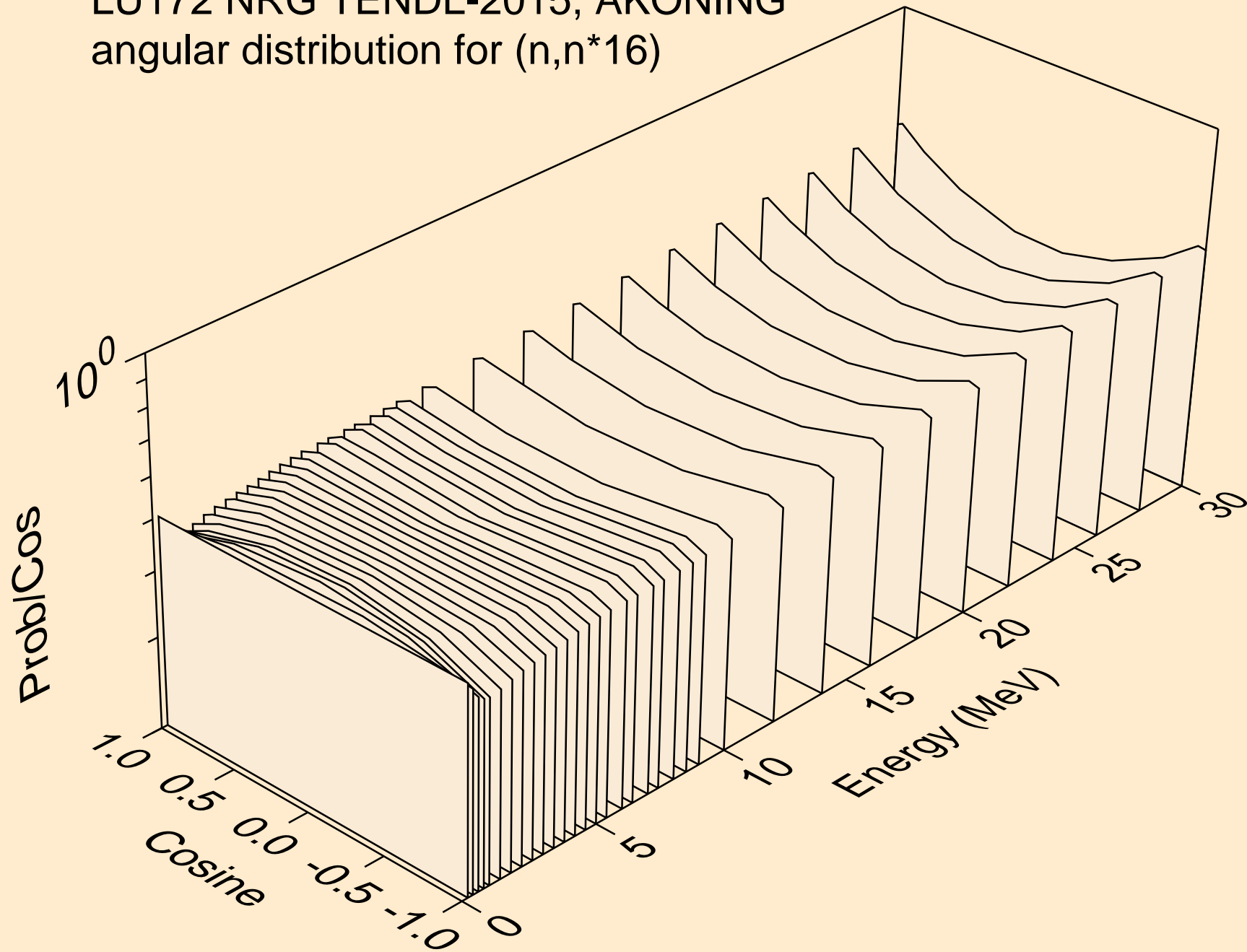
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



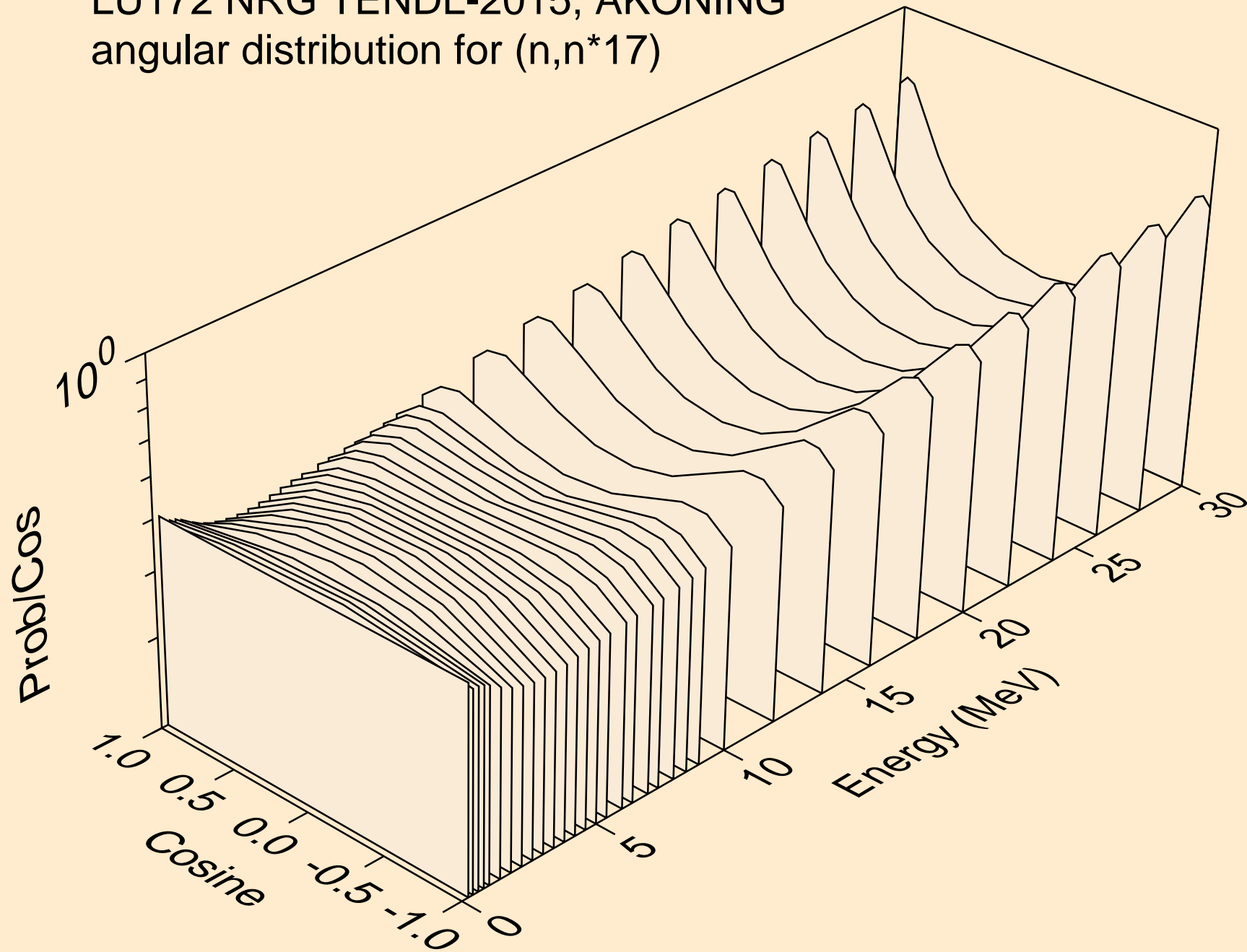
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



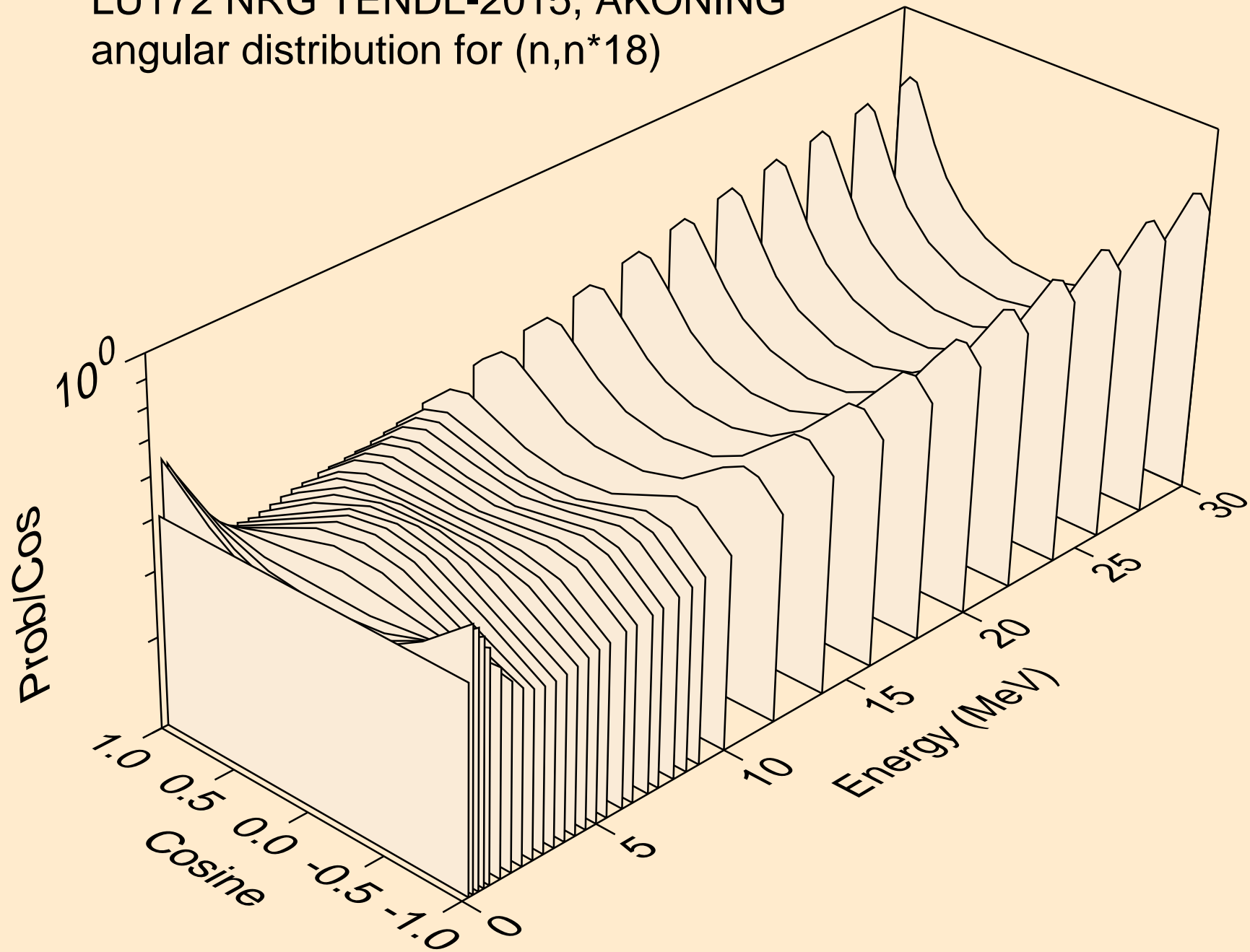
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



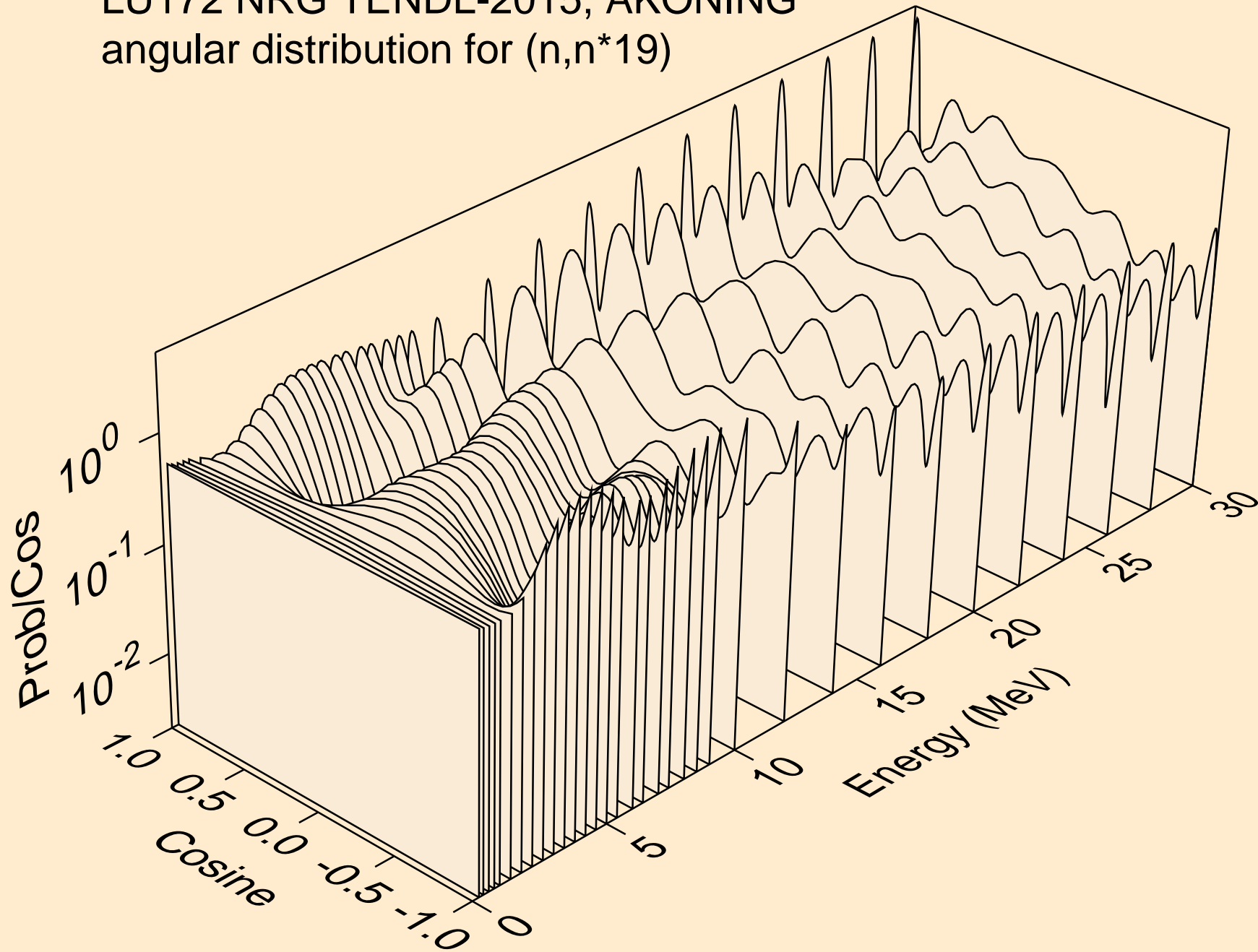
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



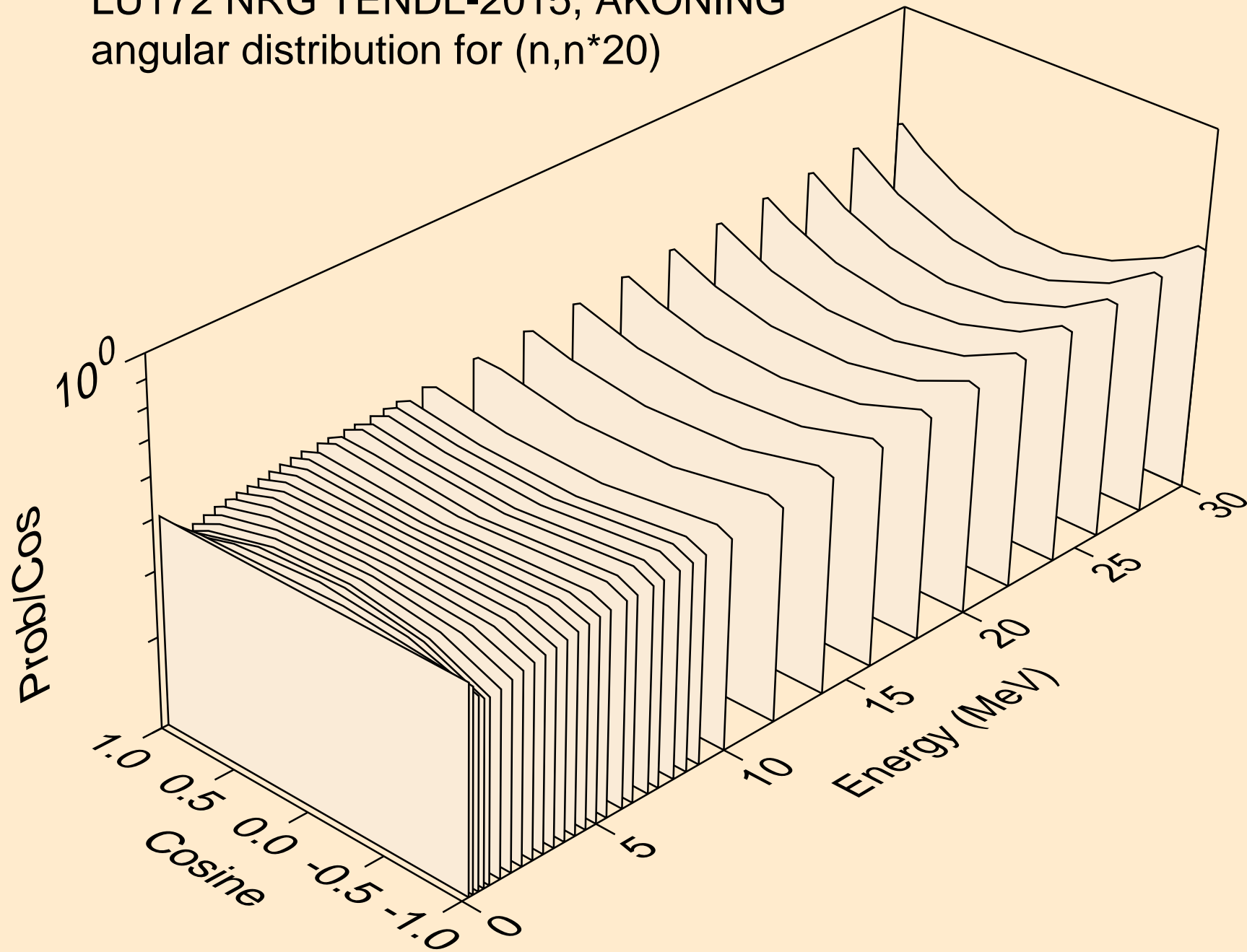
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



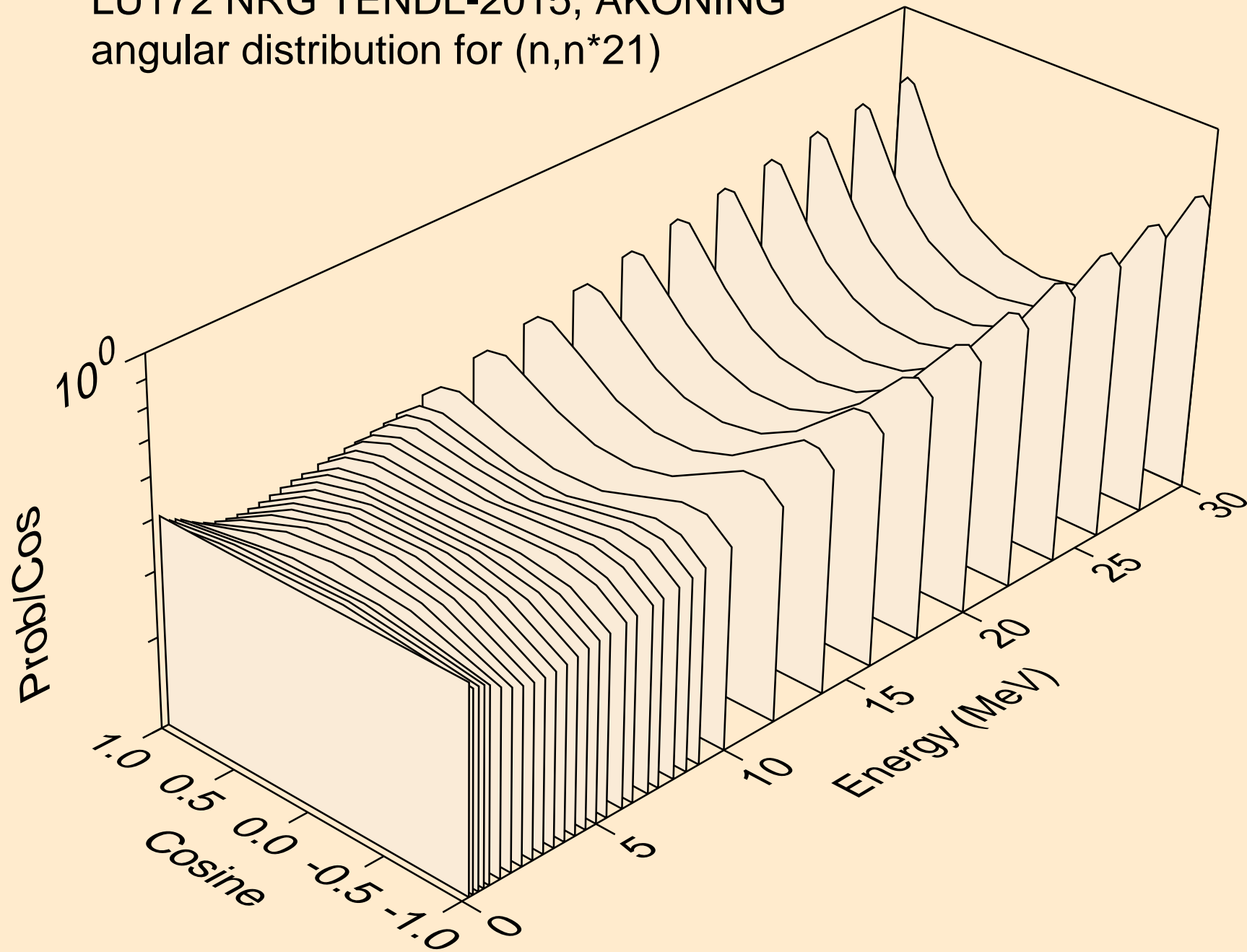
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

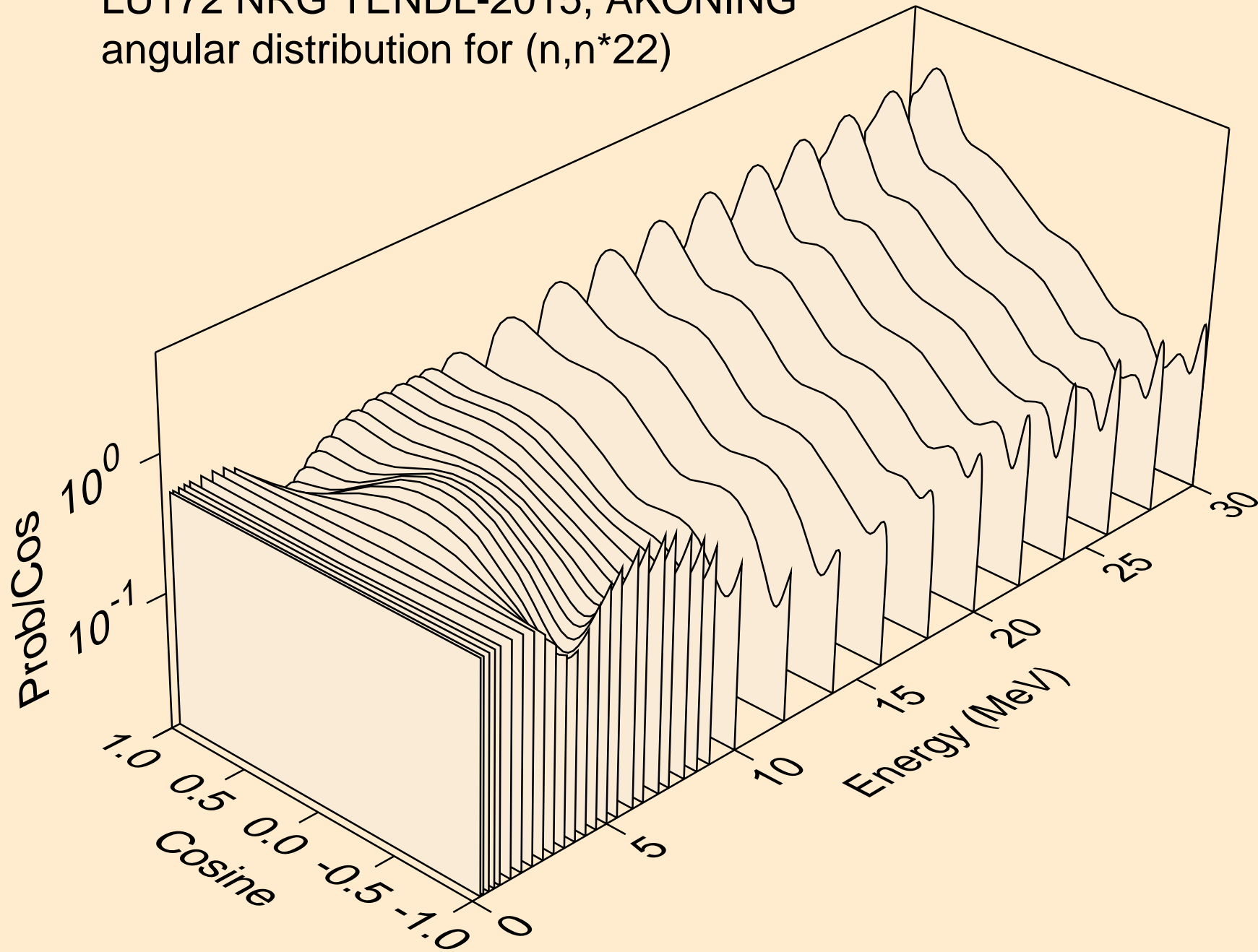


LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

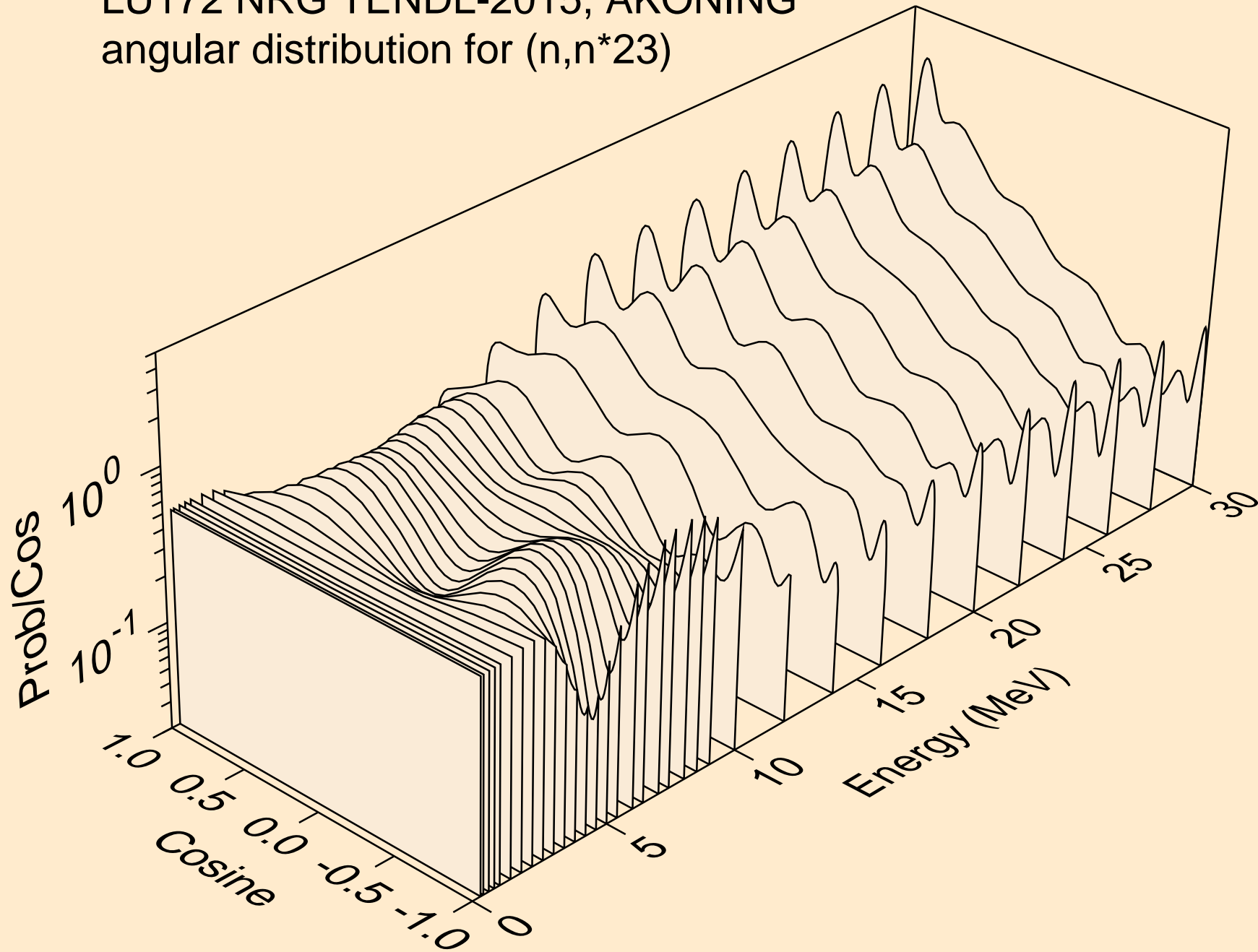




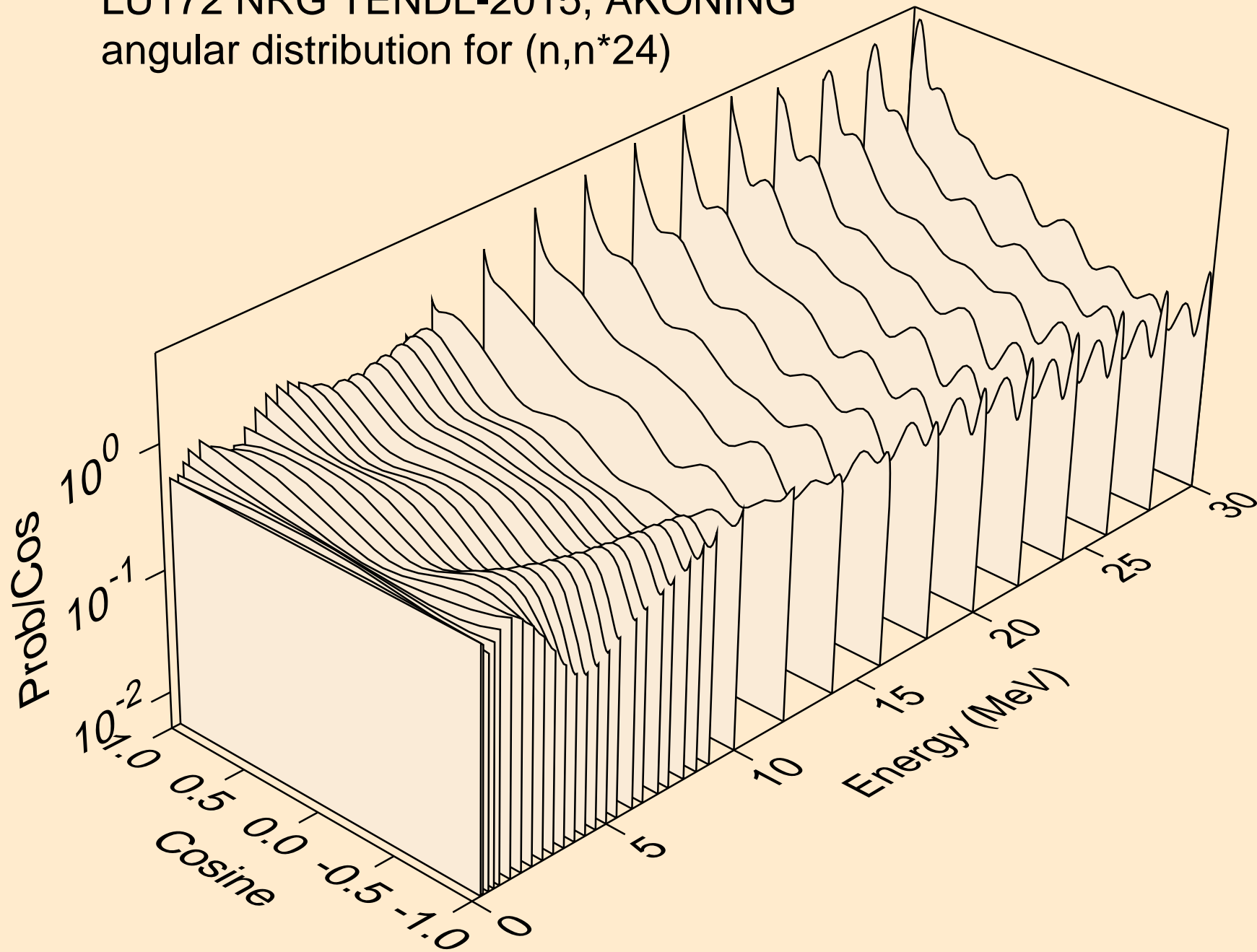
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



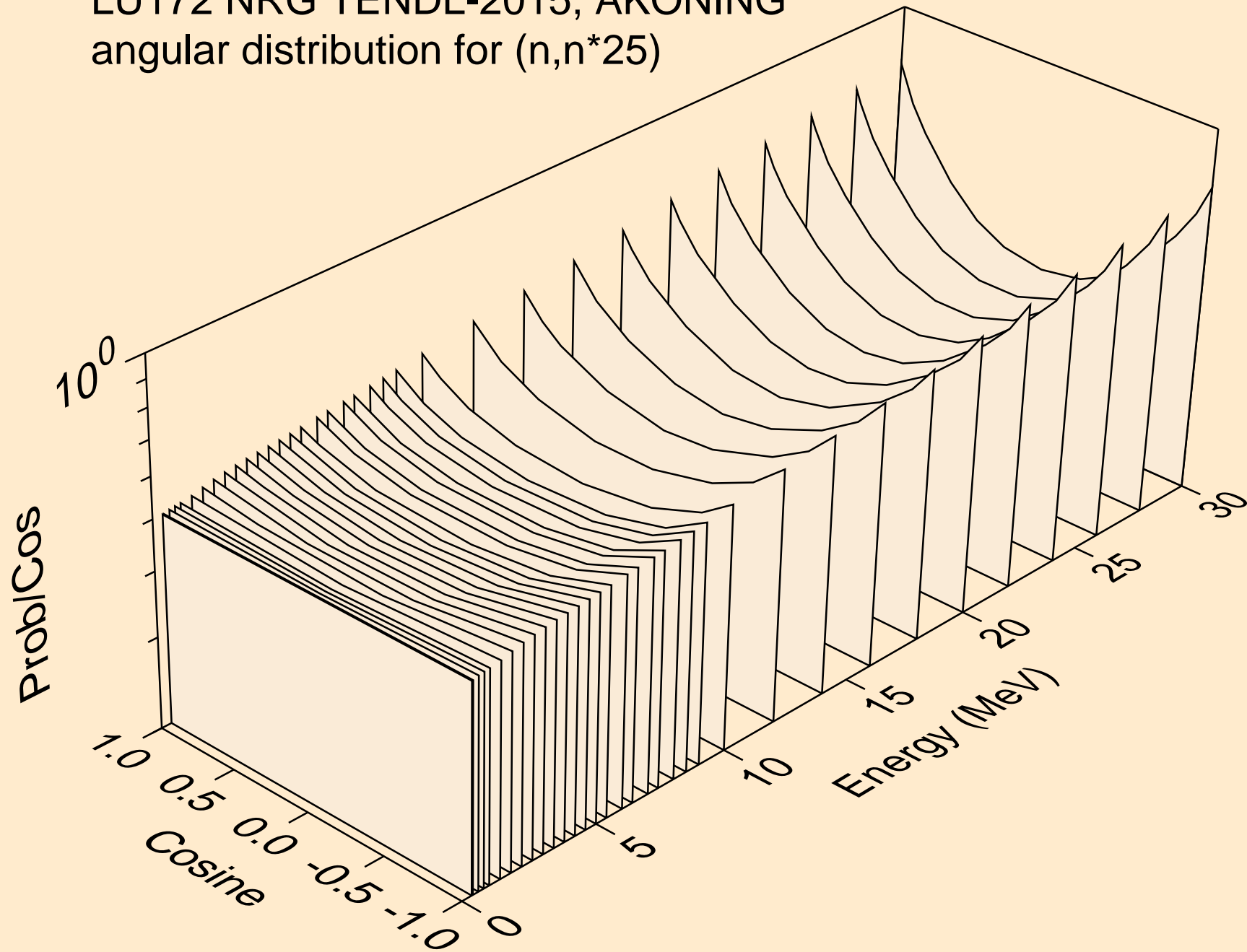
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



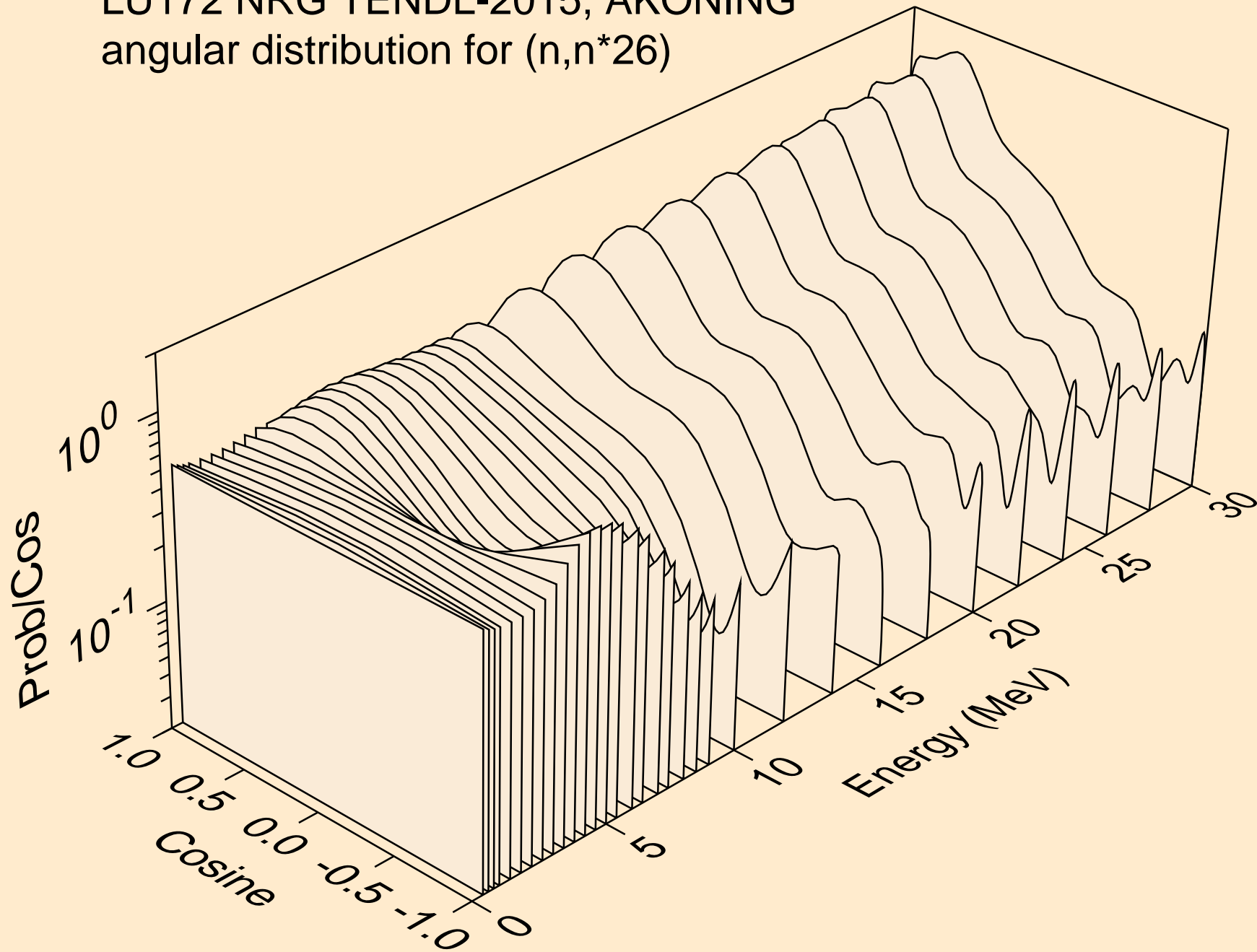
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



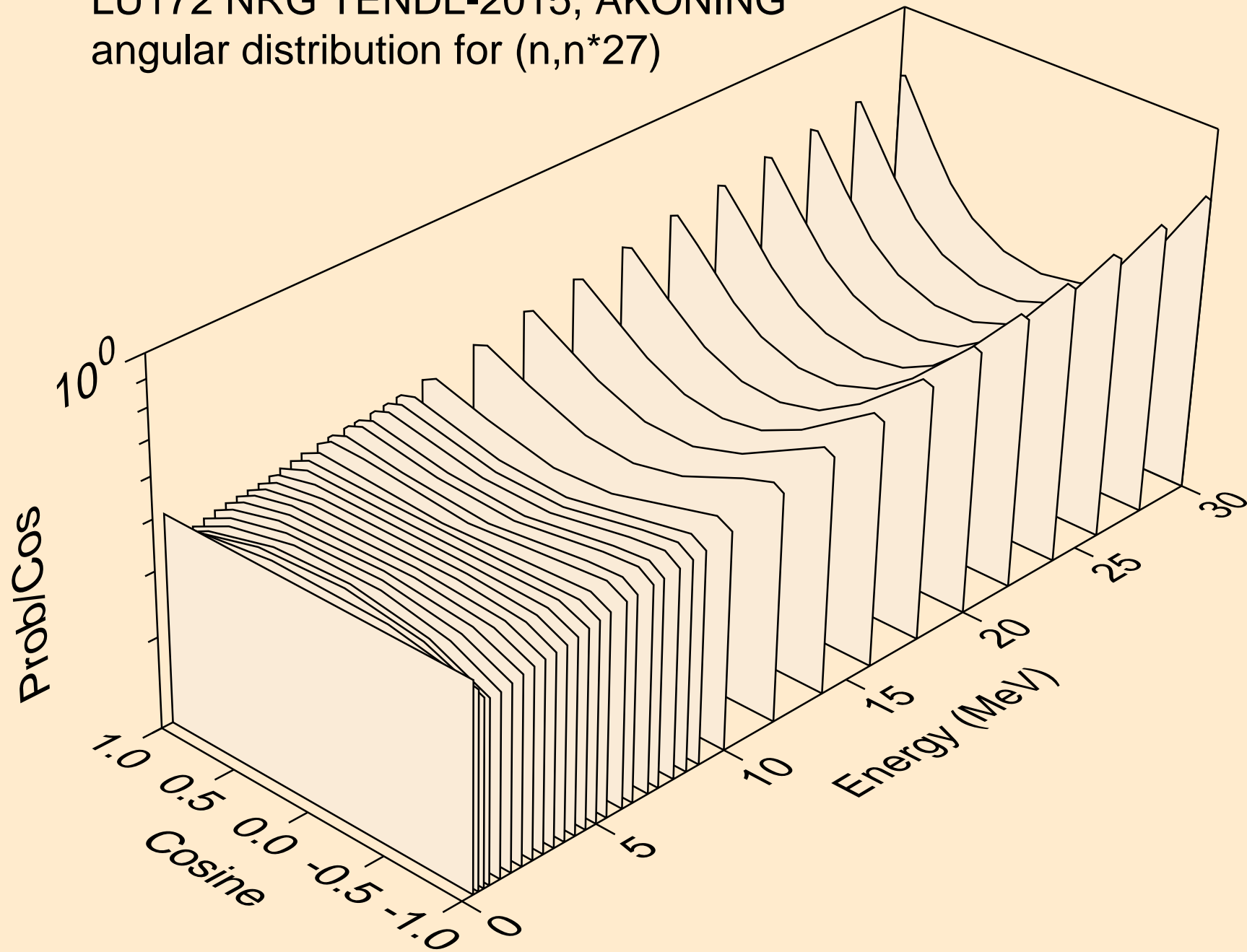
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



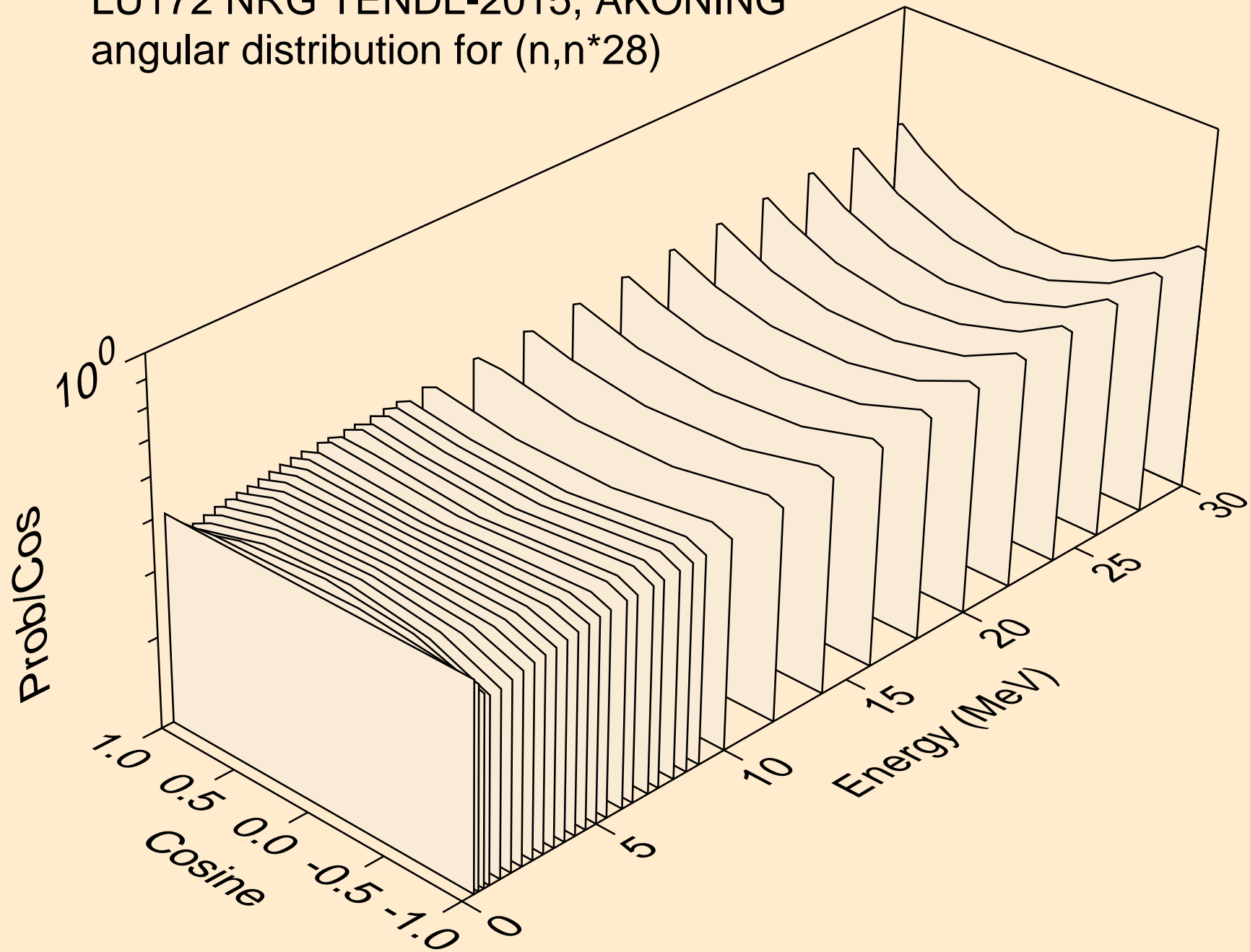
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



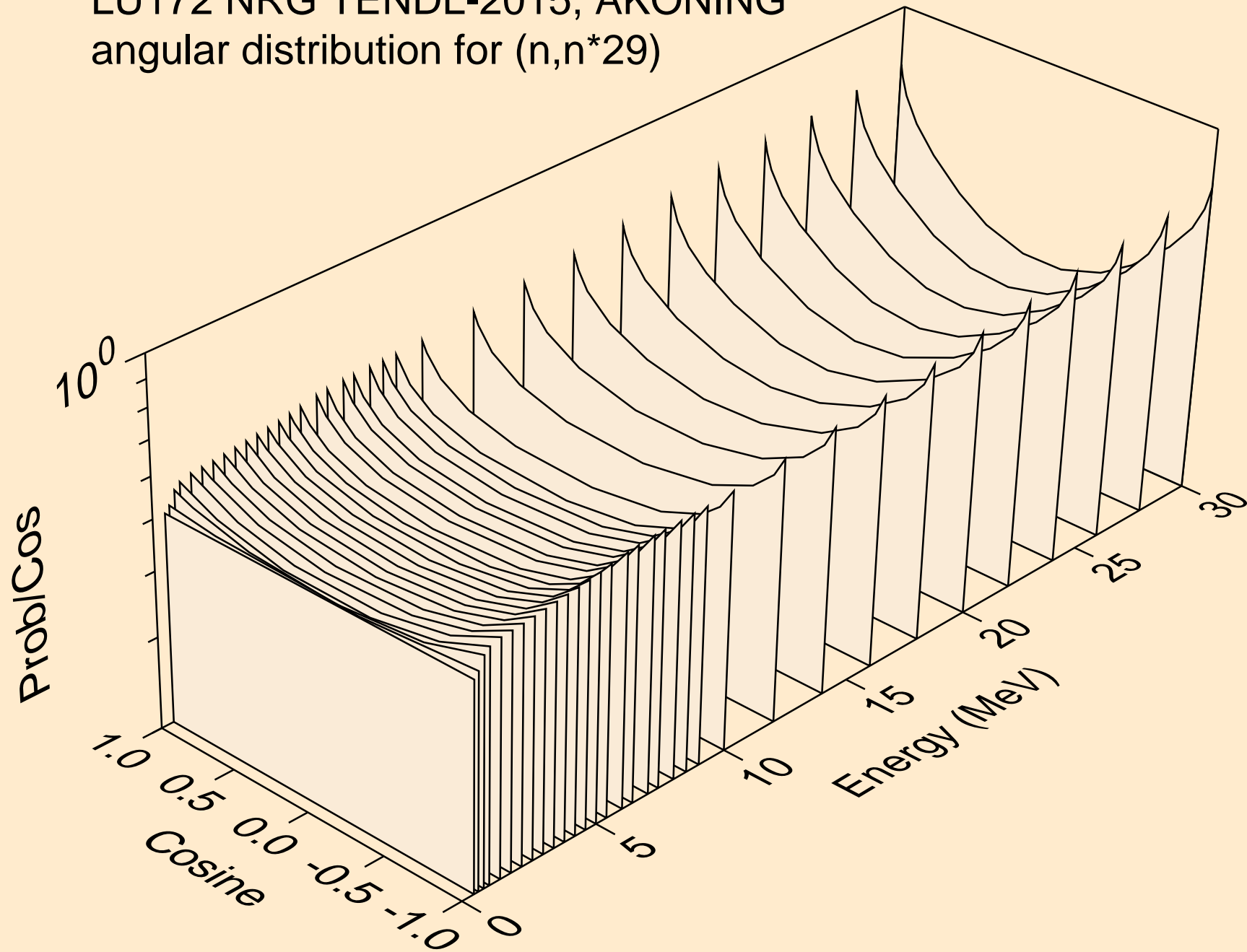
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

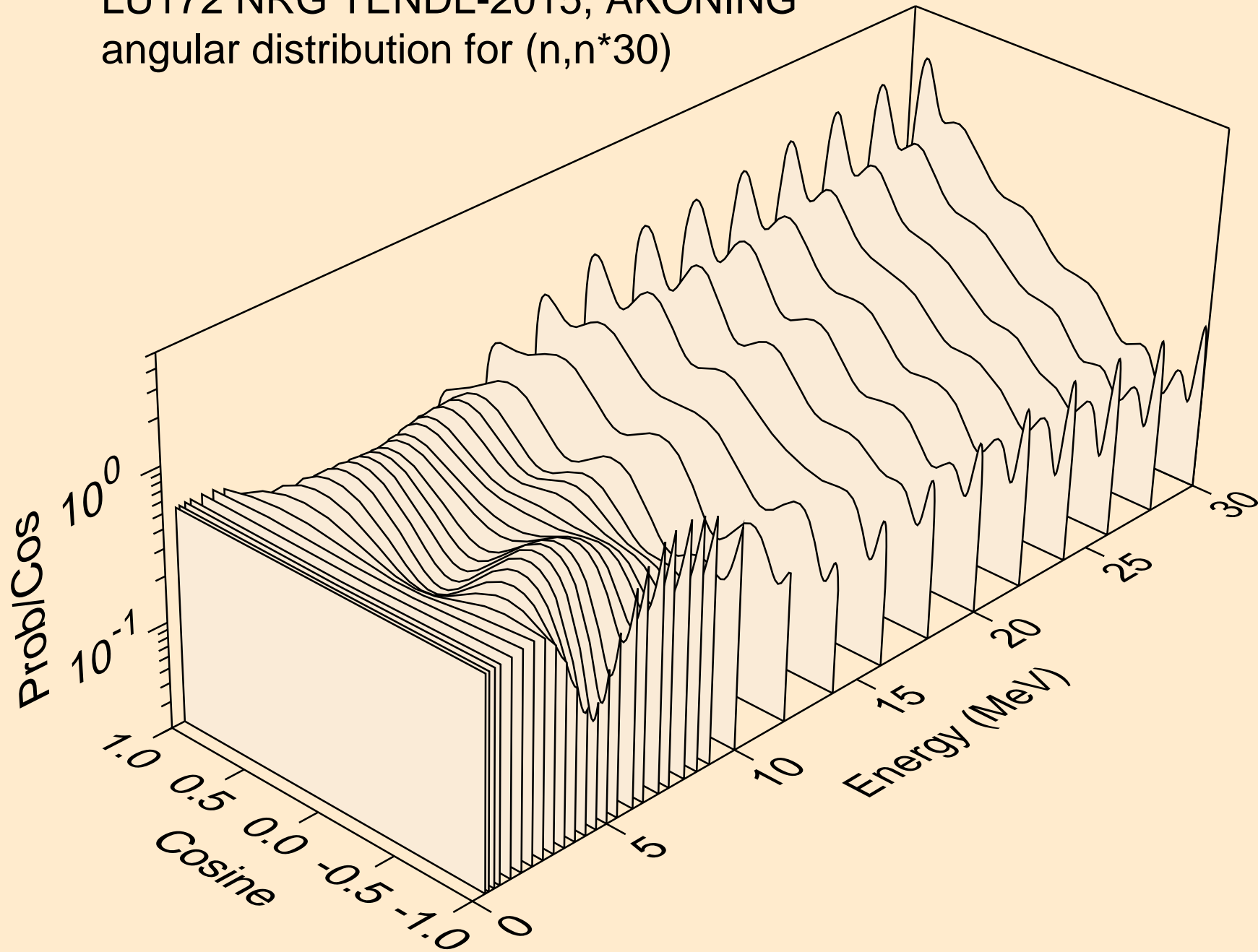


LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

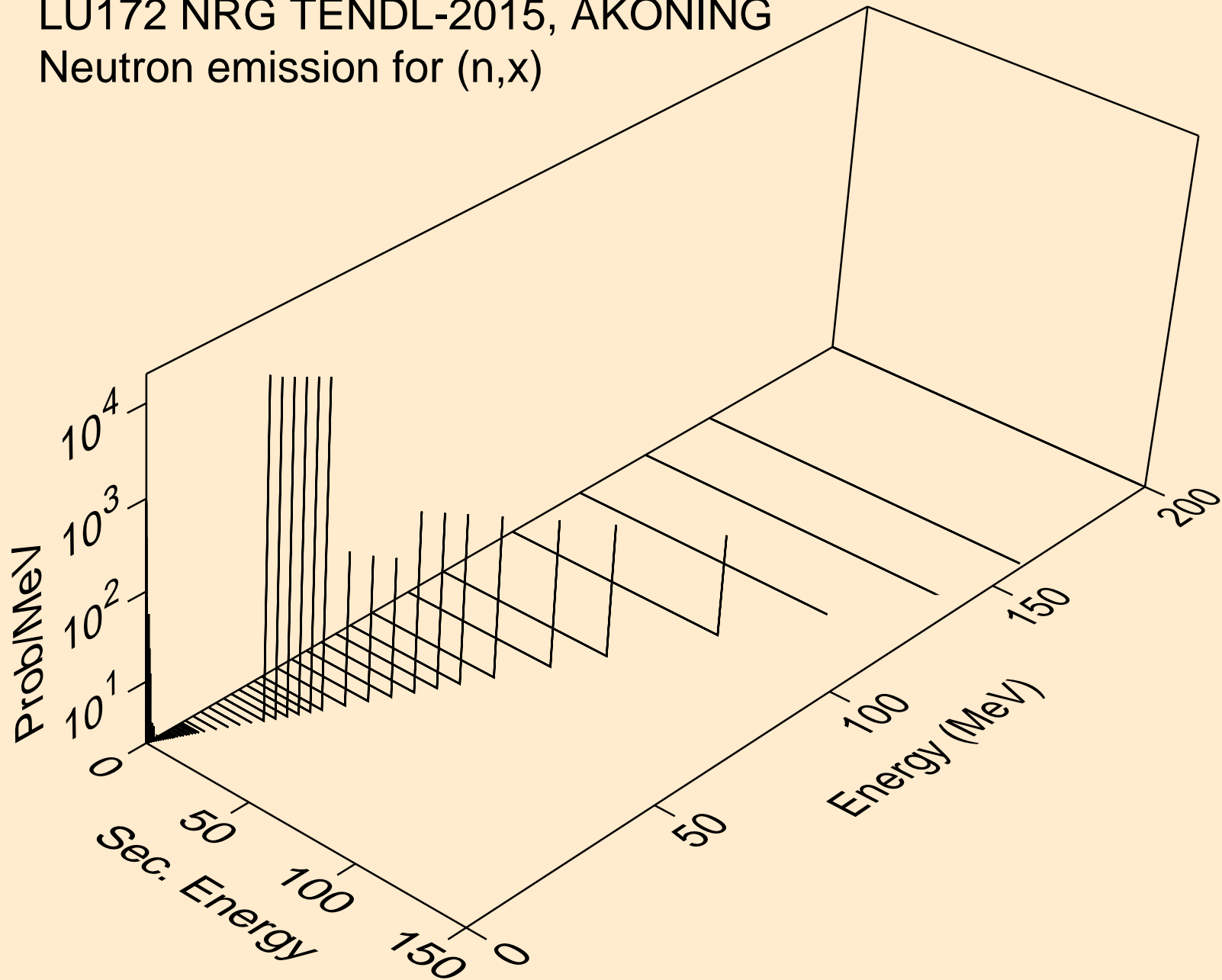




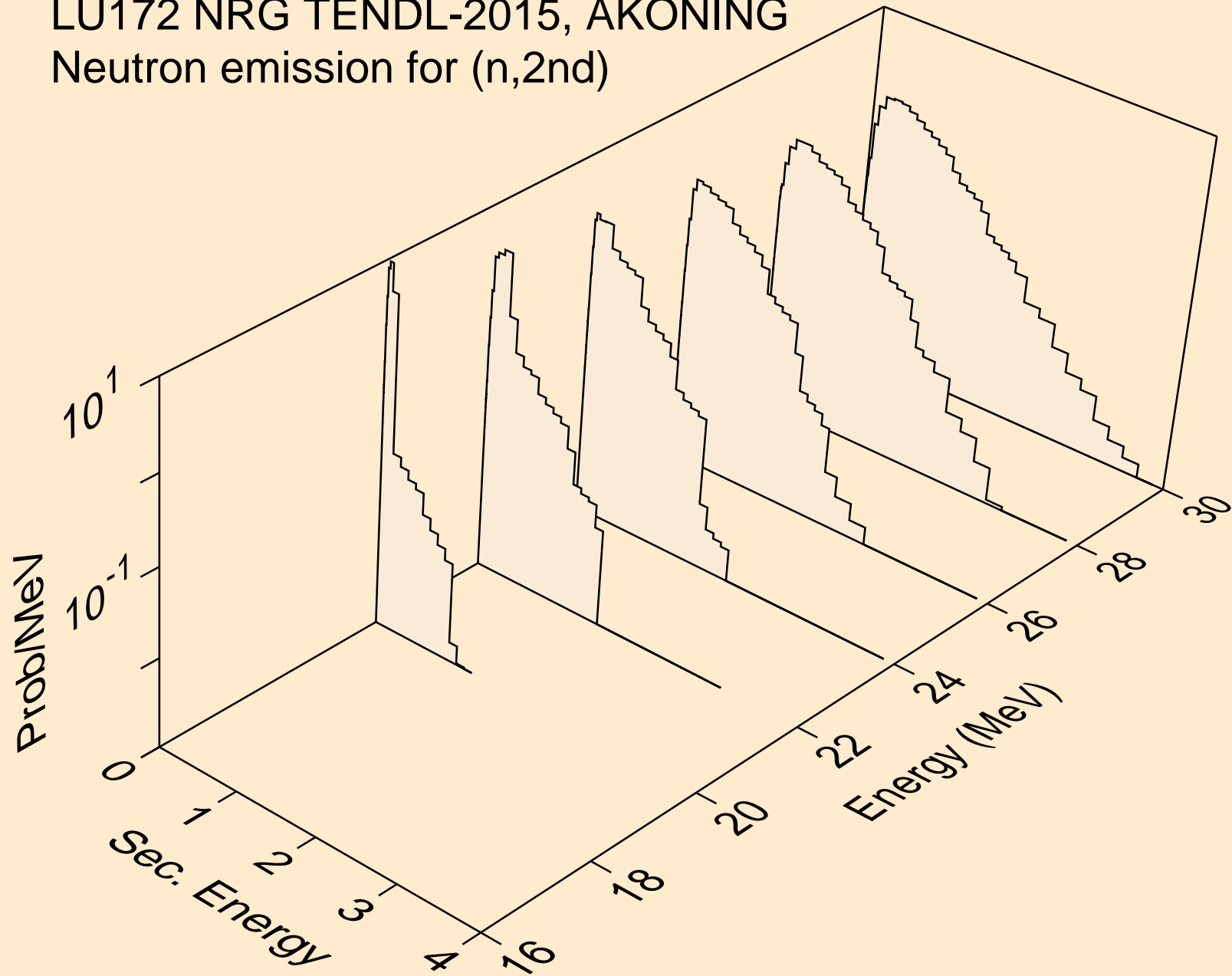
LU172 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



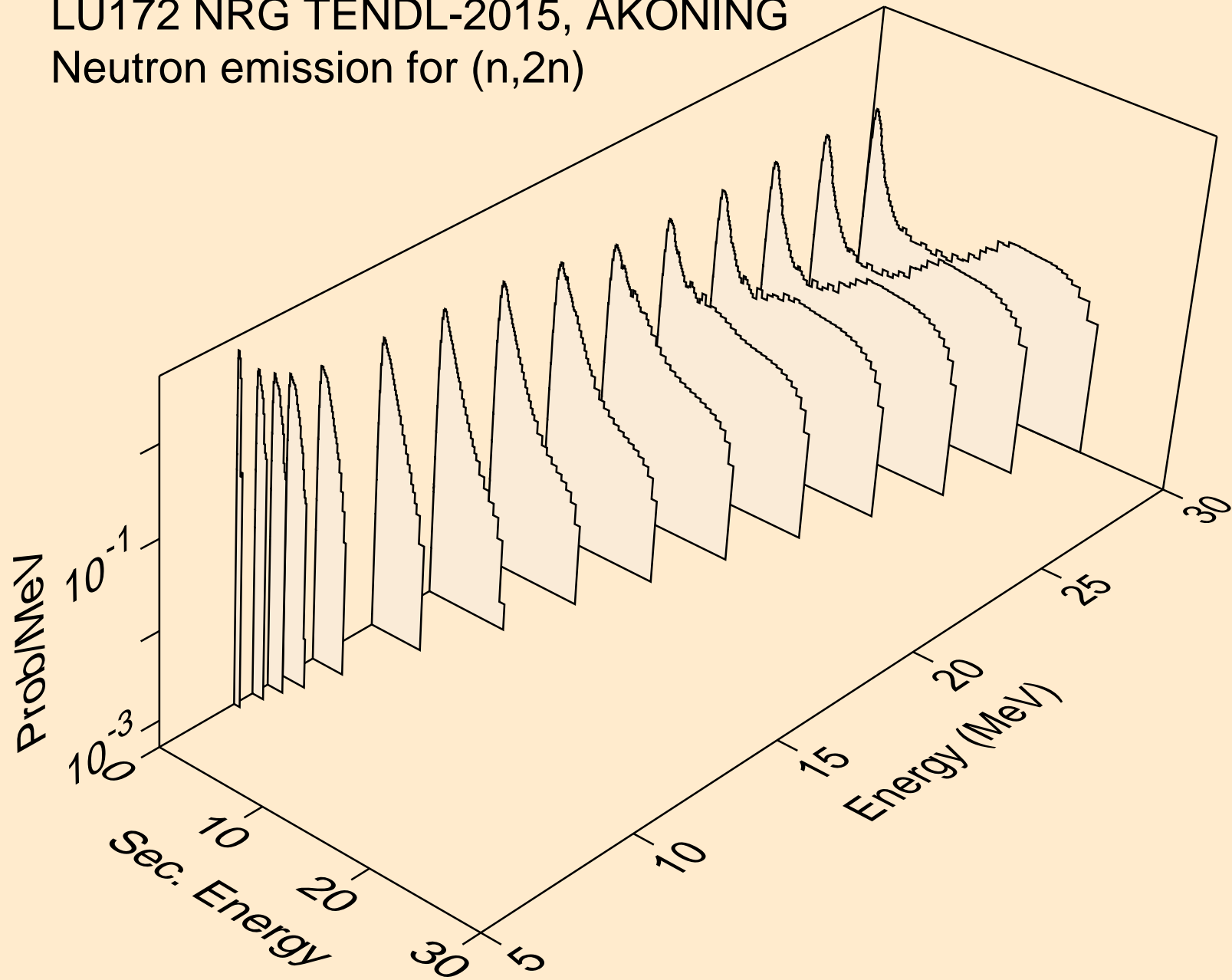
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



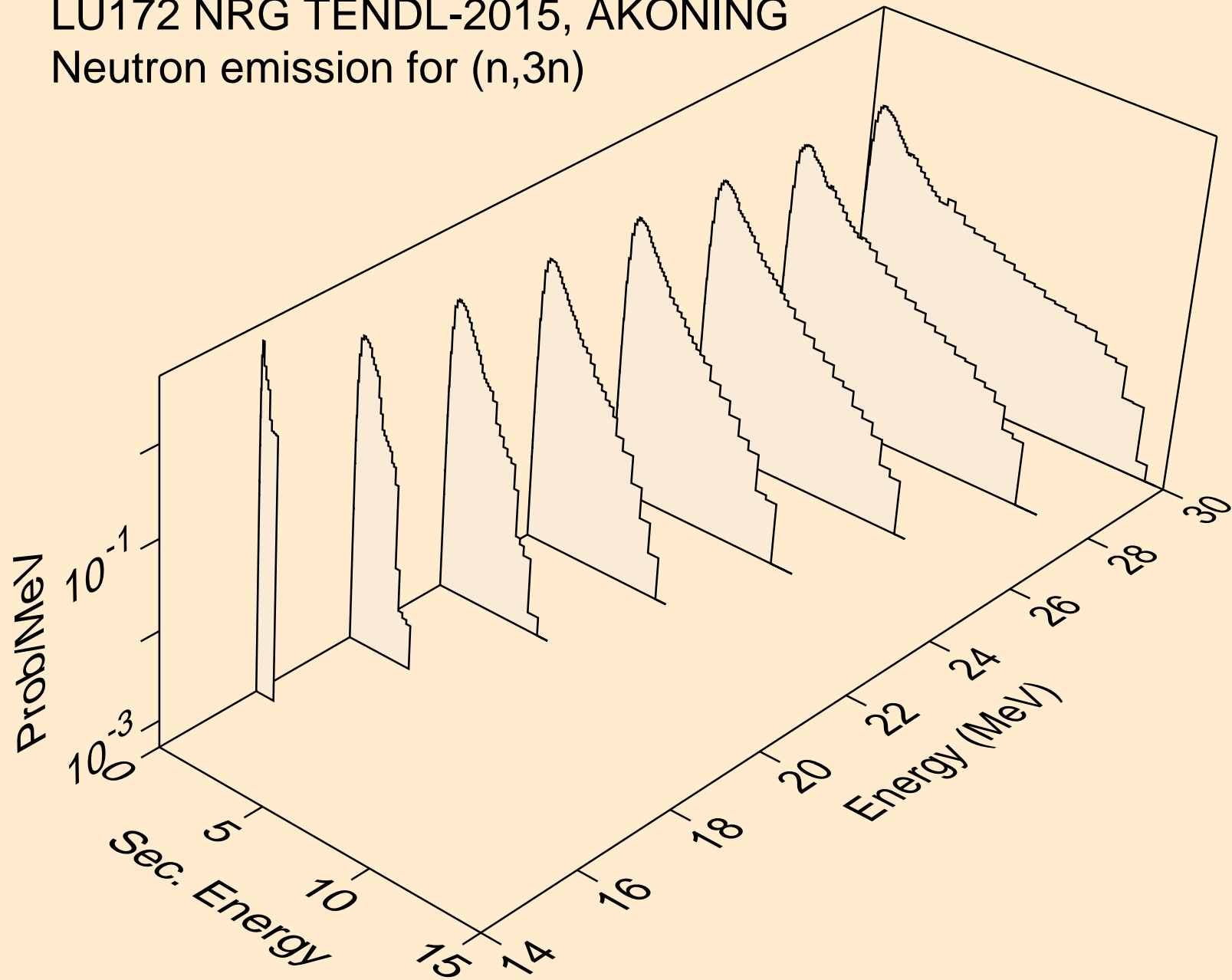
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



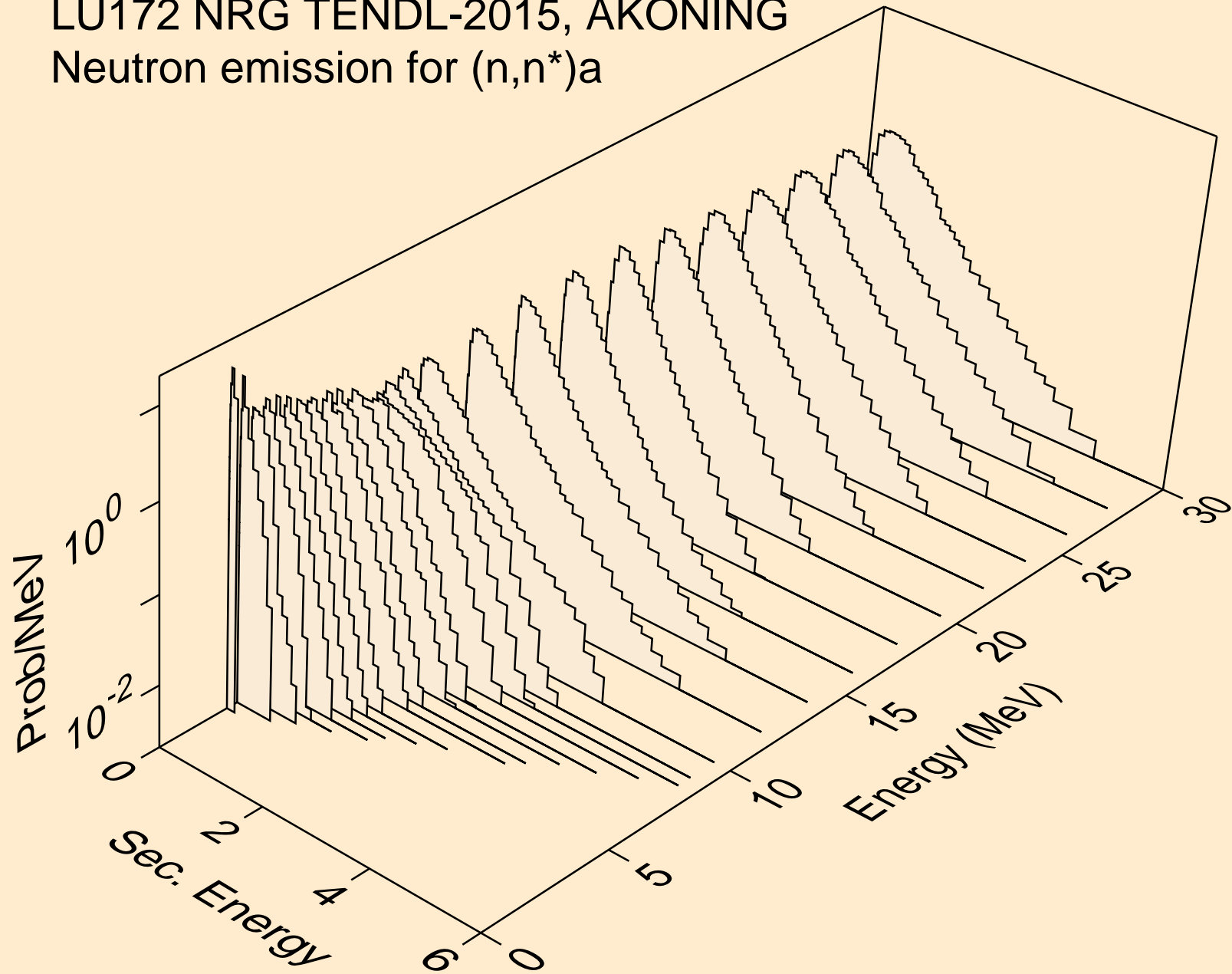
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



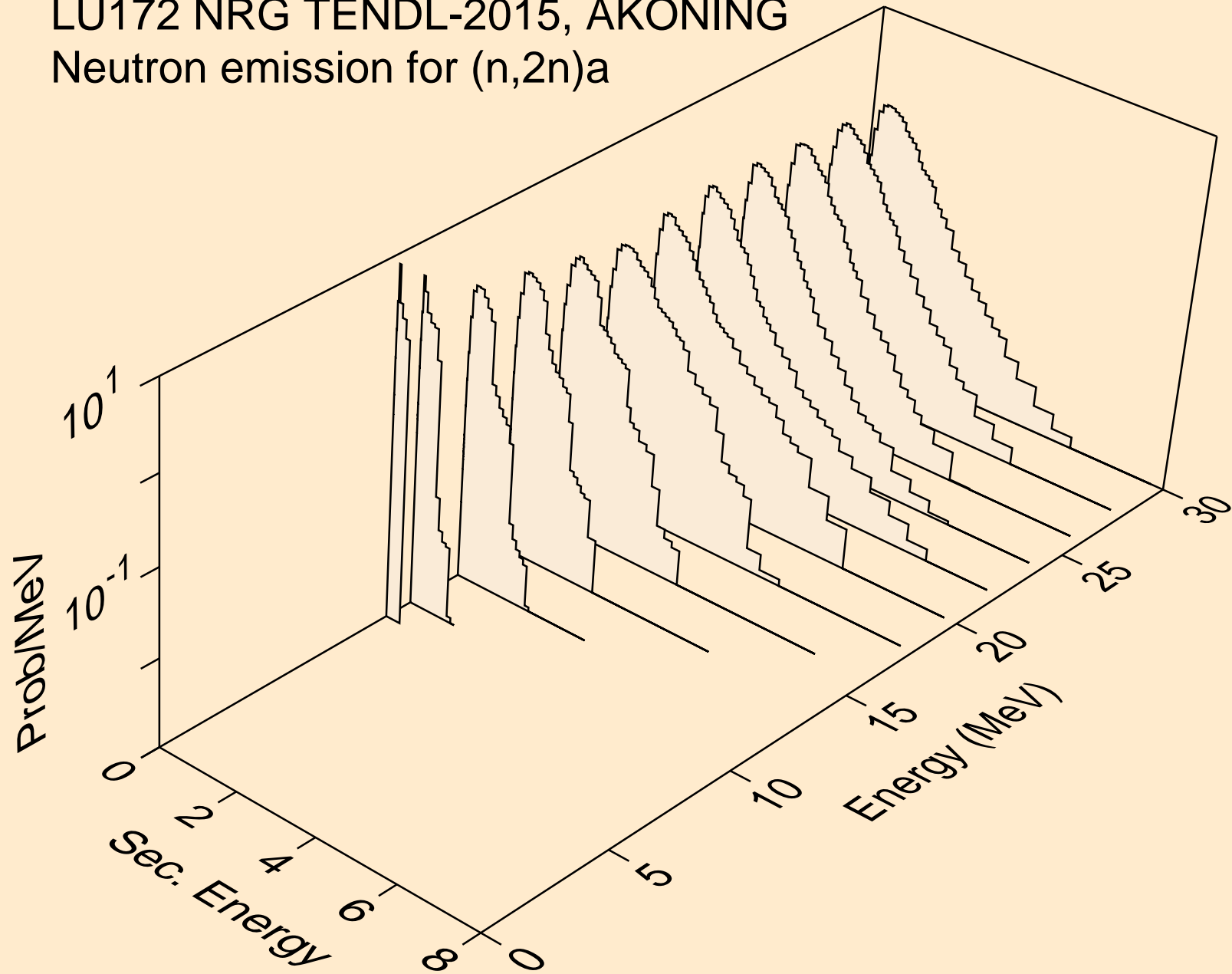
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



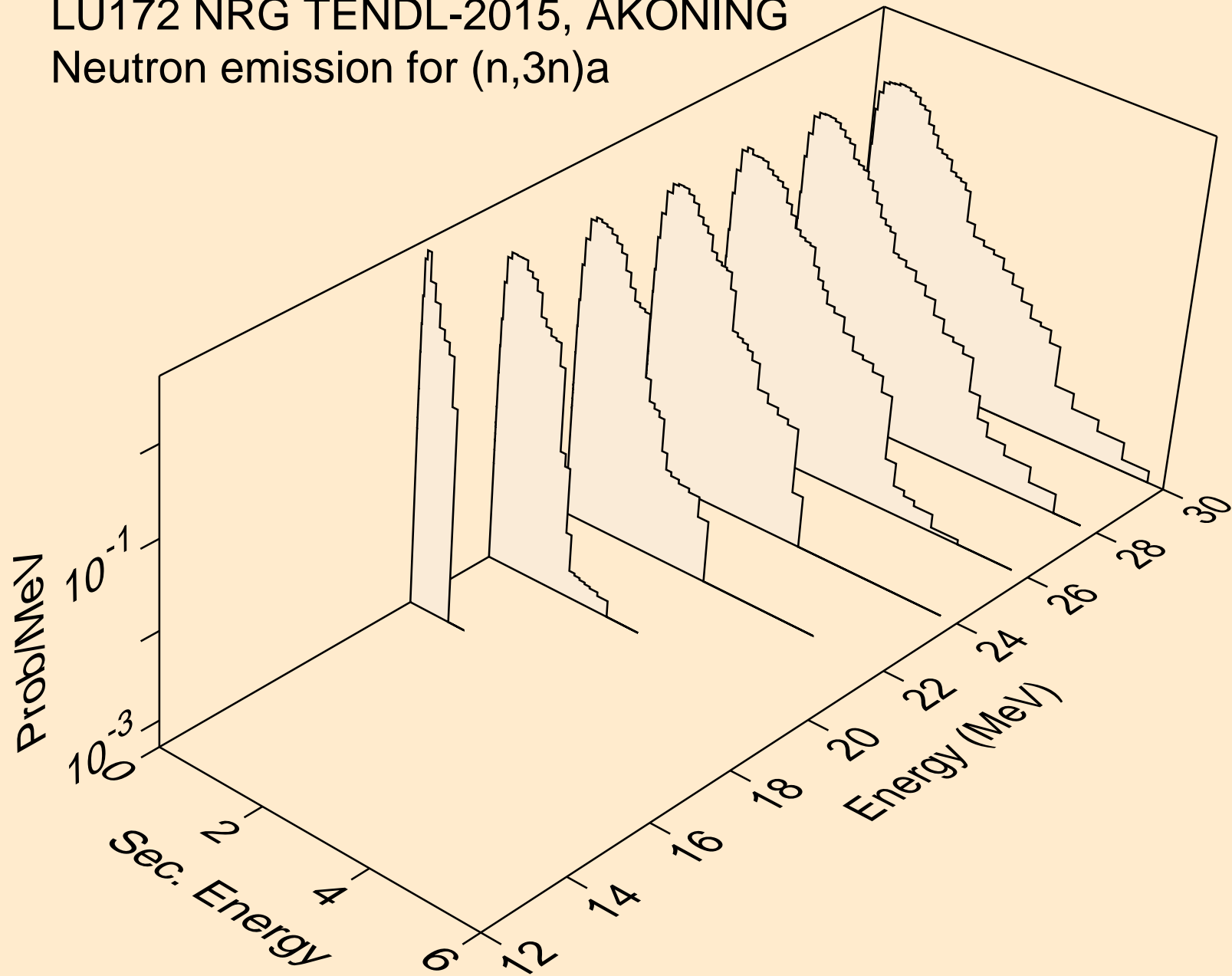
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

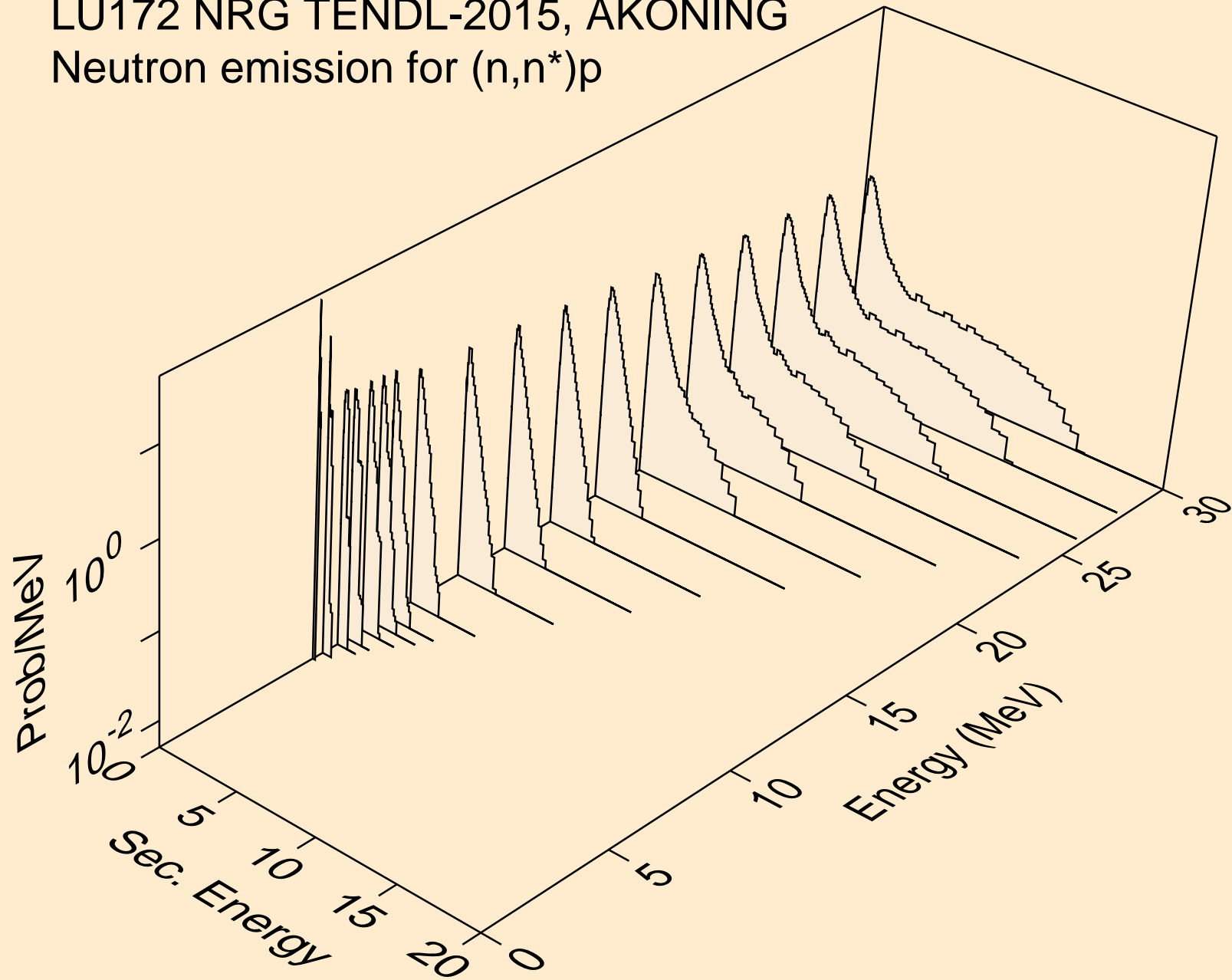


LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

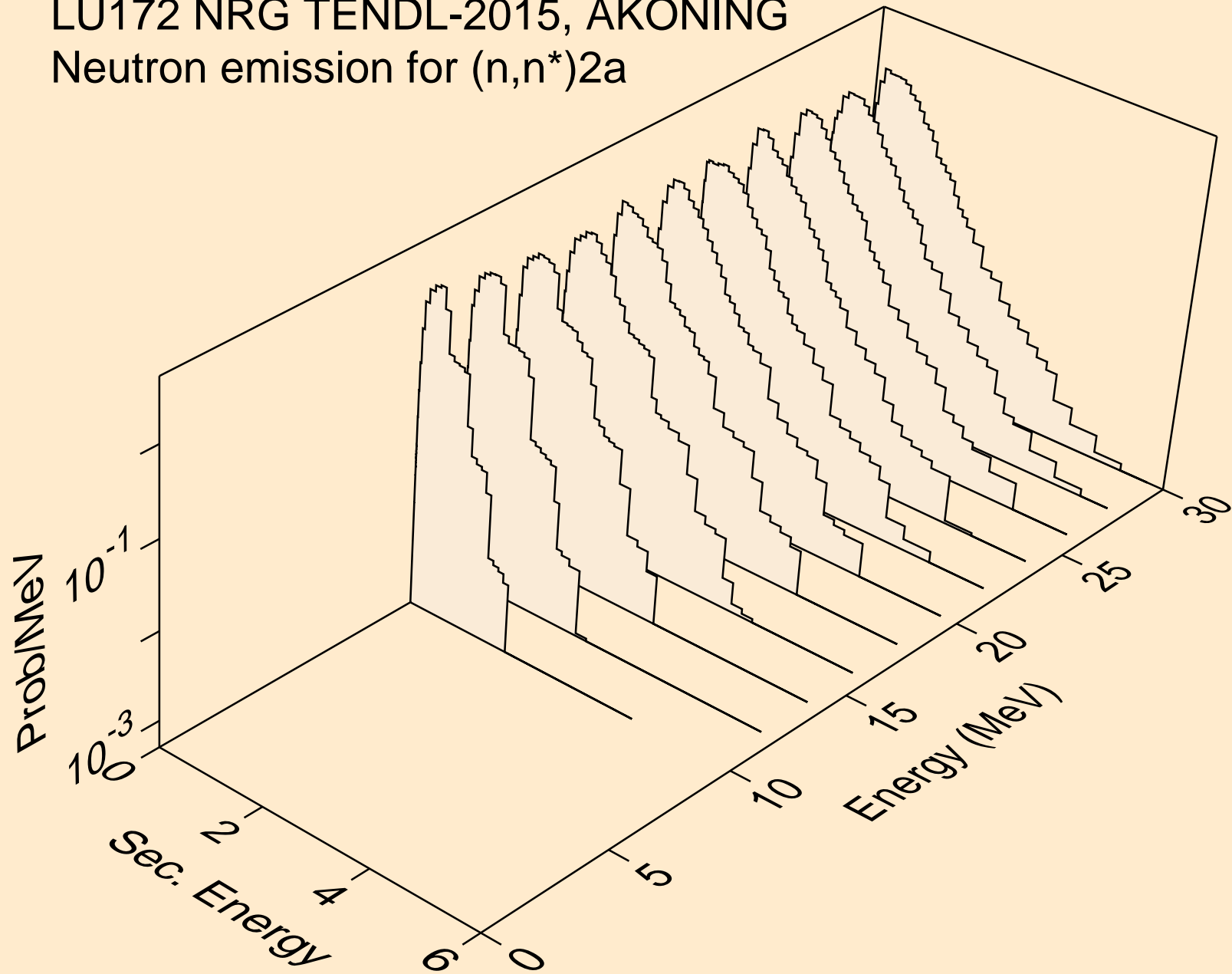




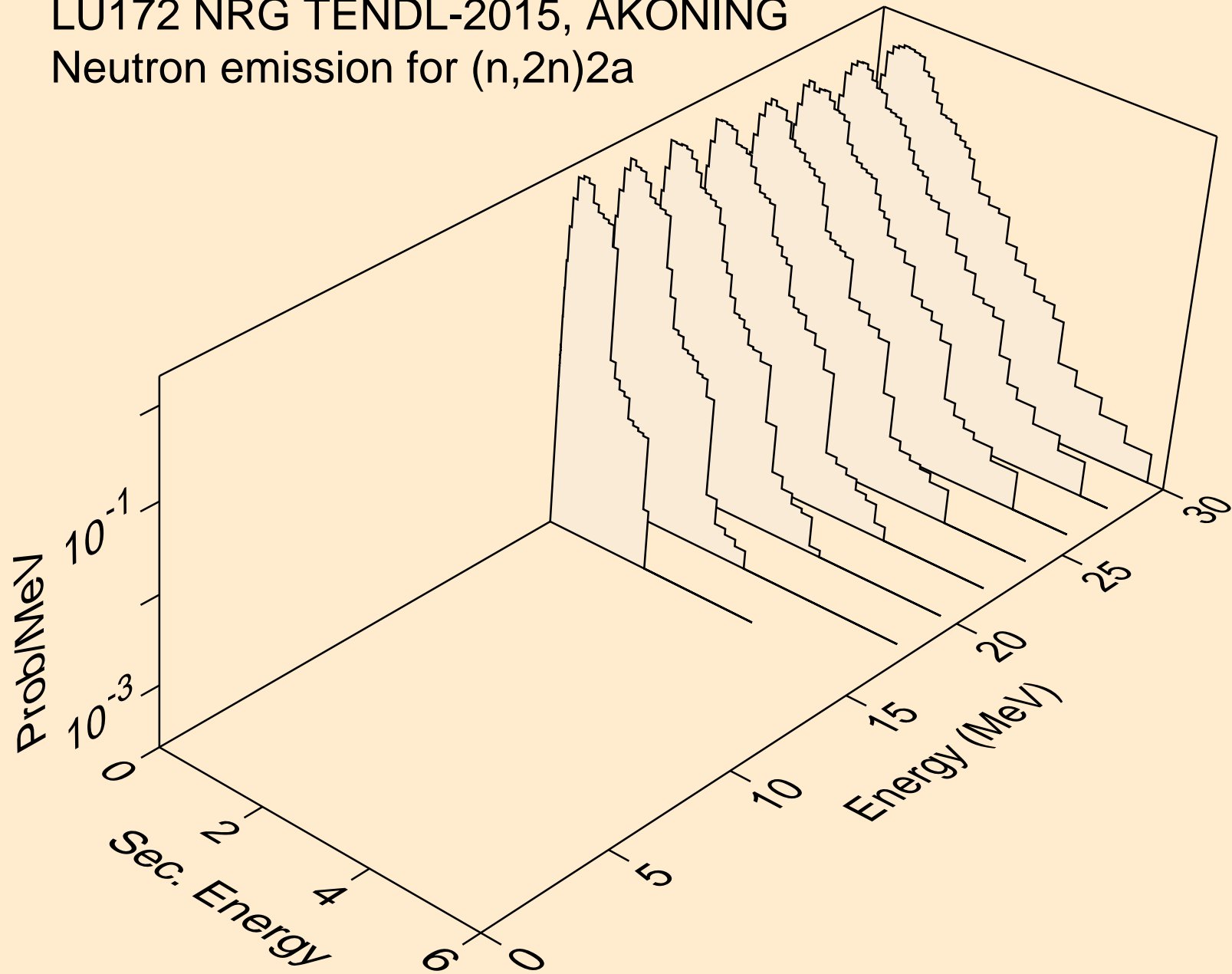
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



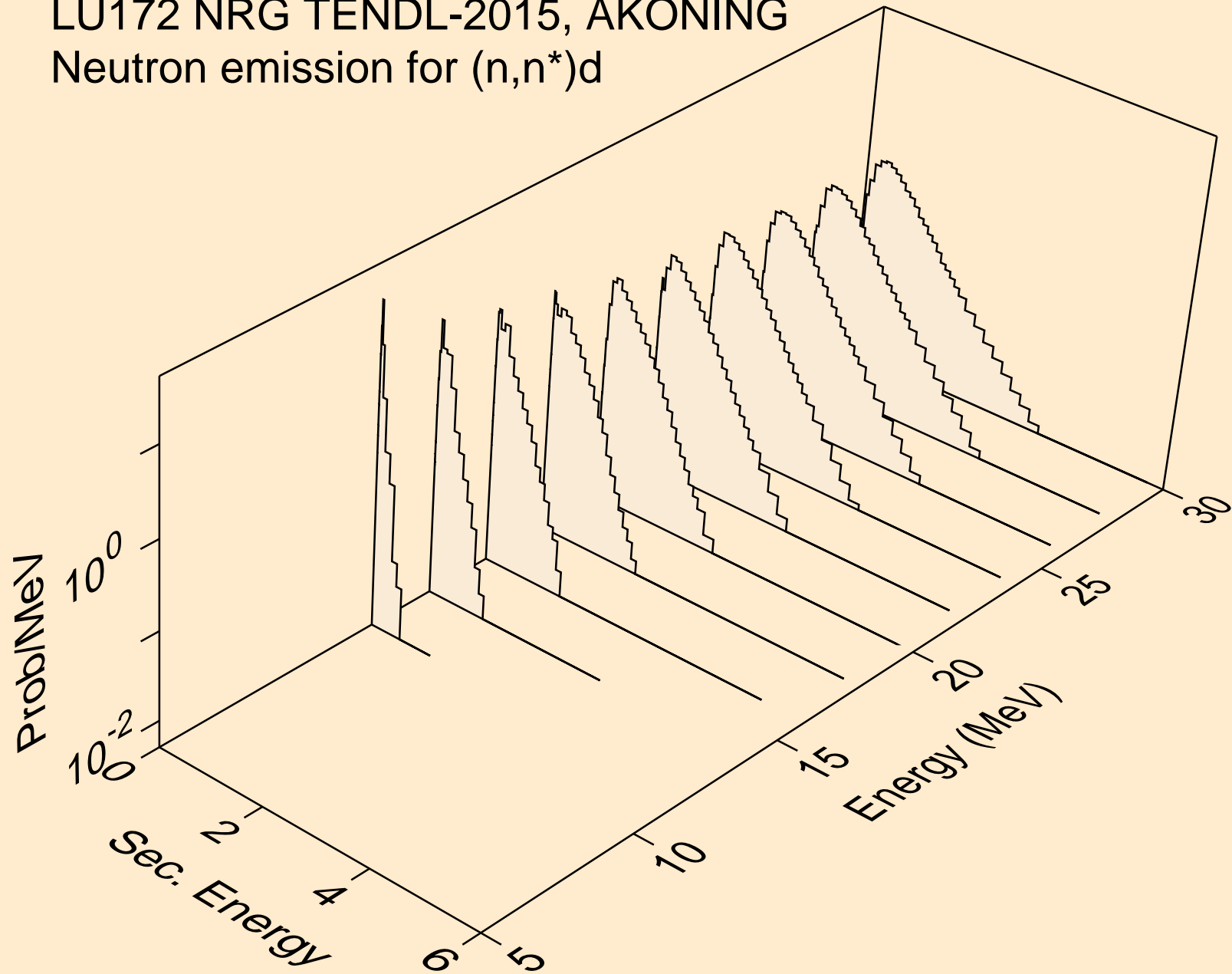
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



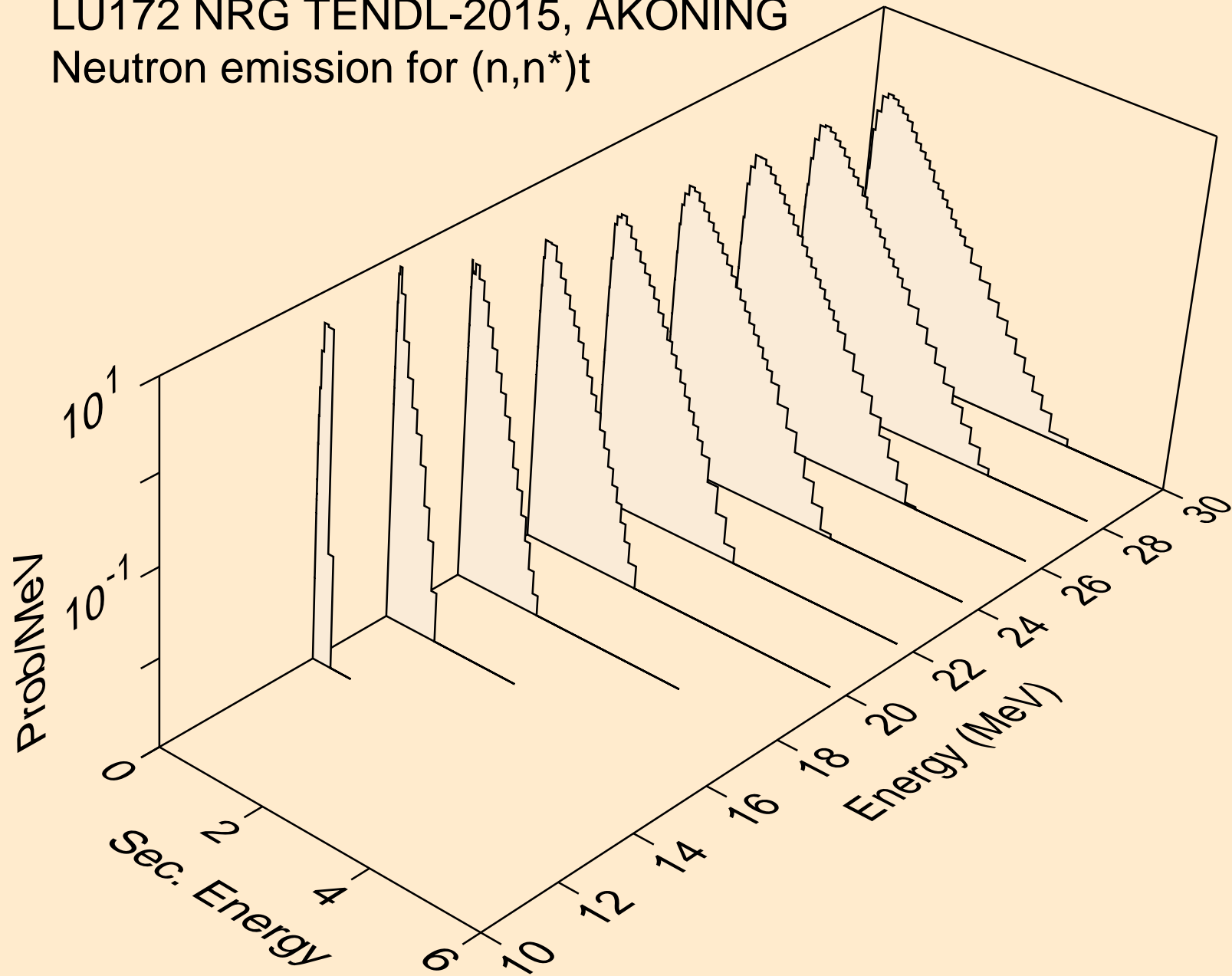
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



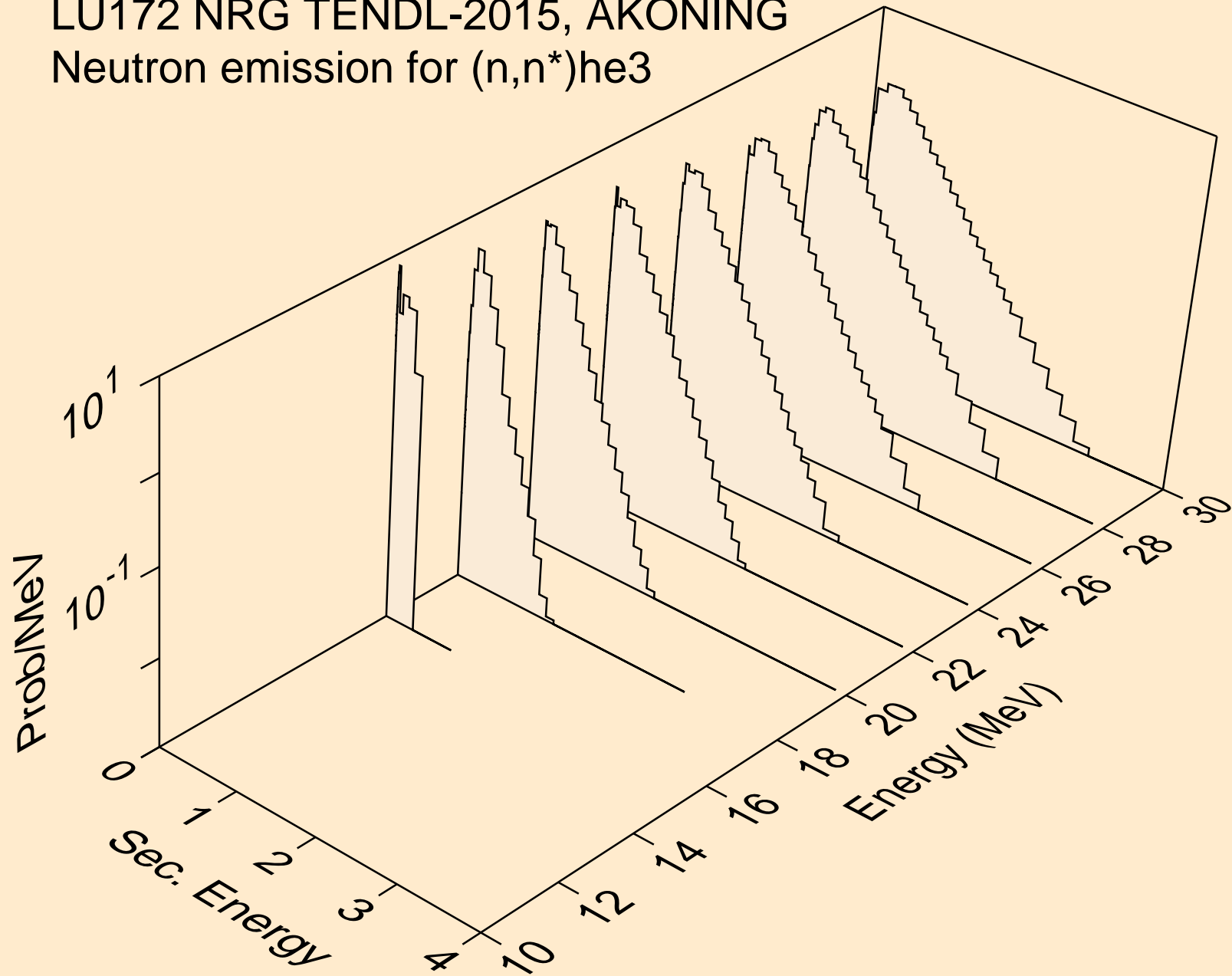
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



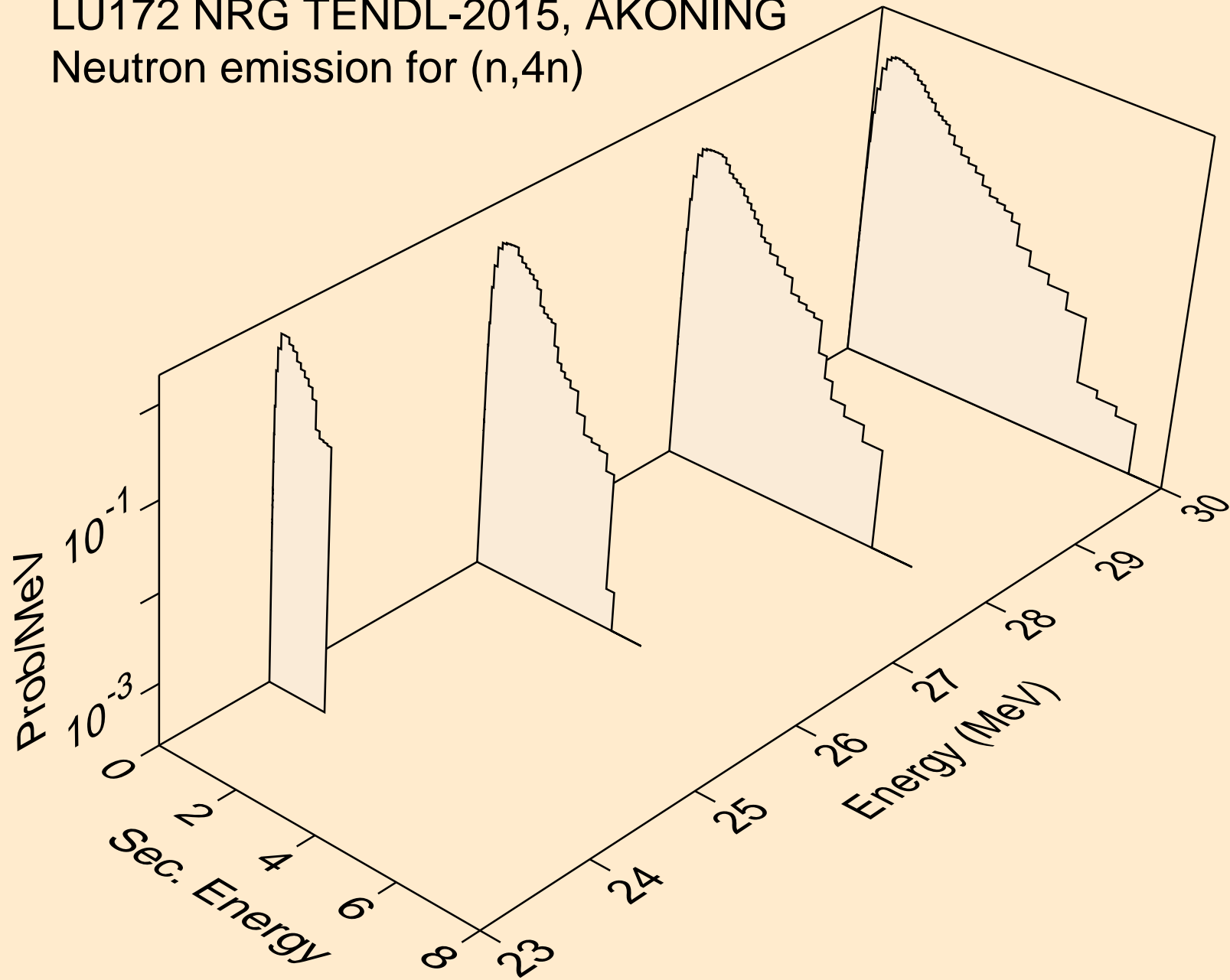
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



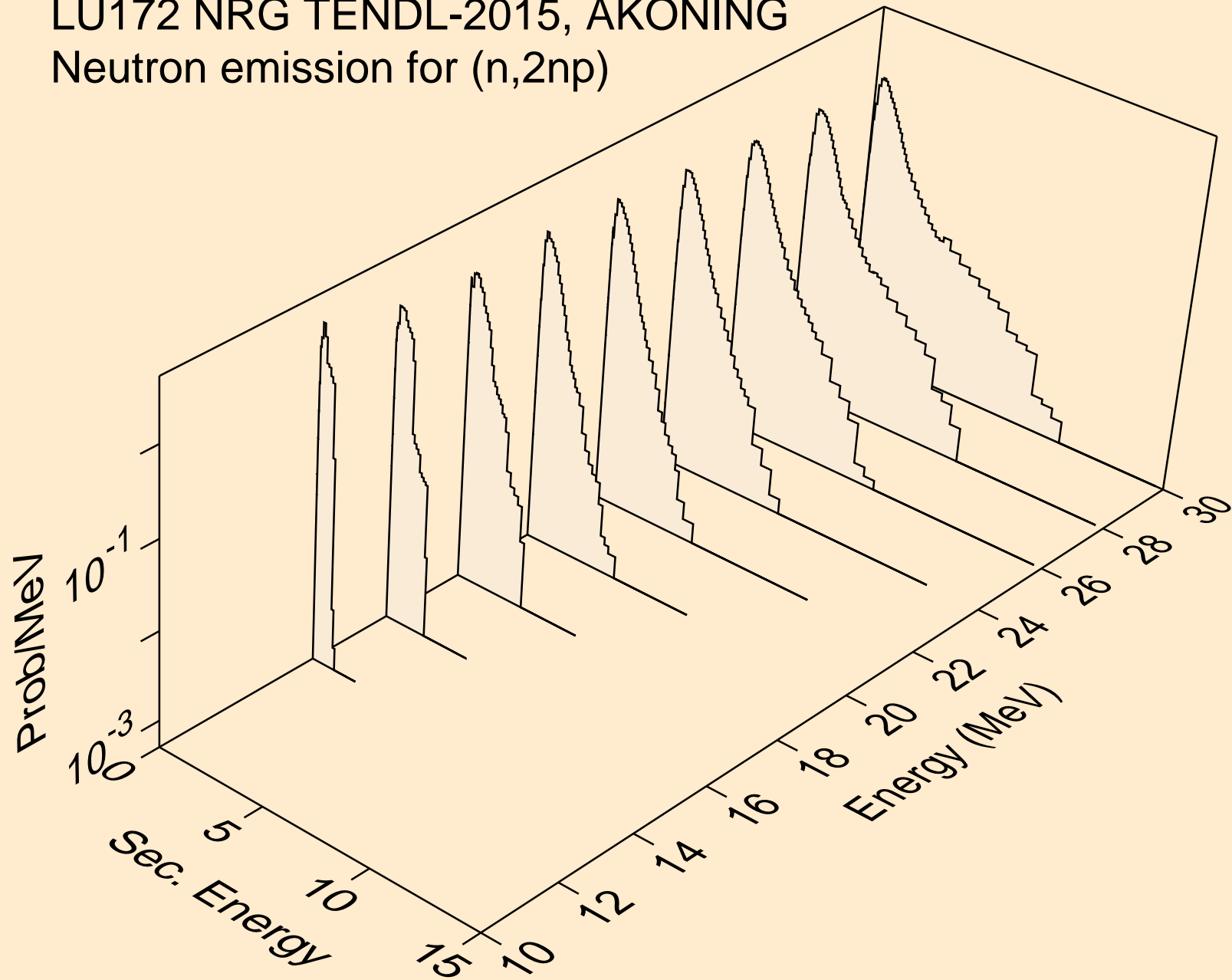
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

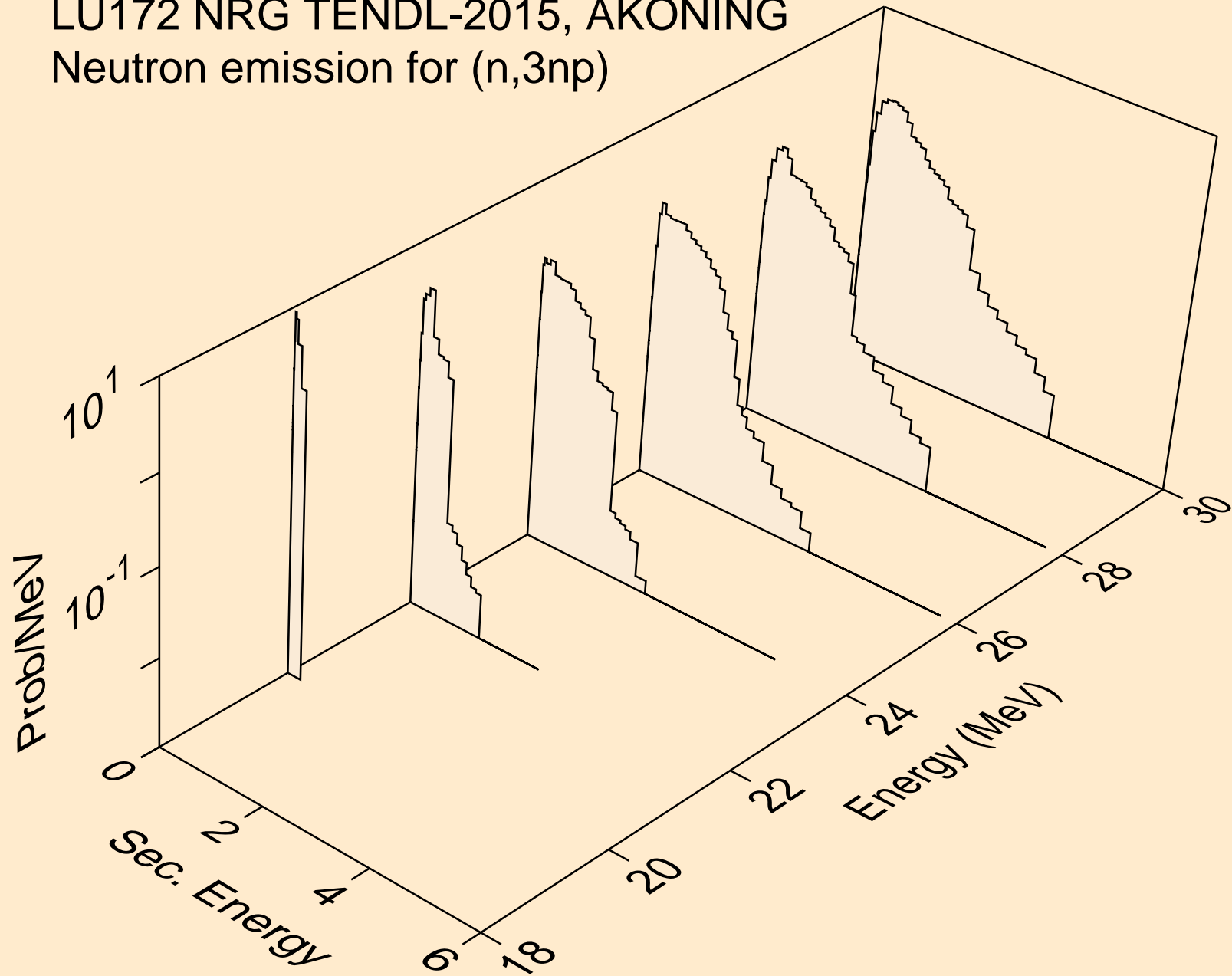


LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

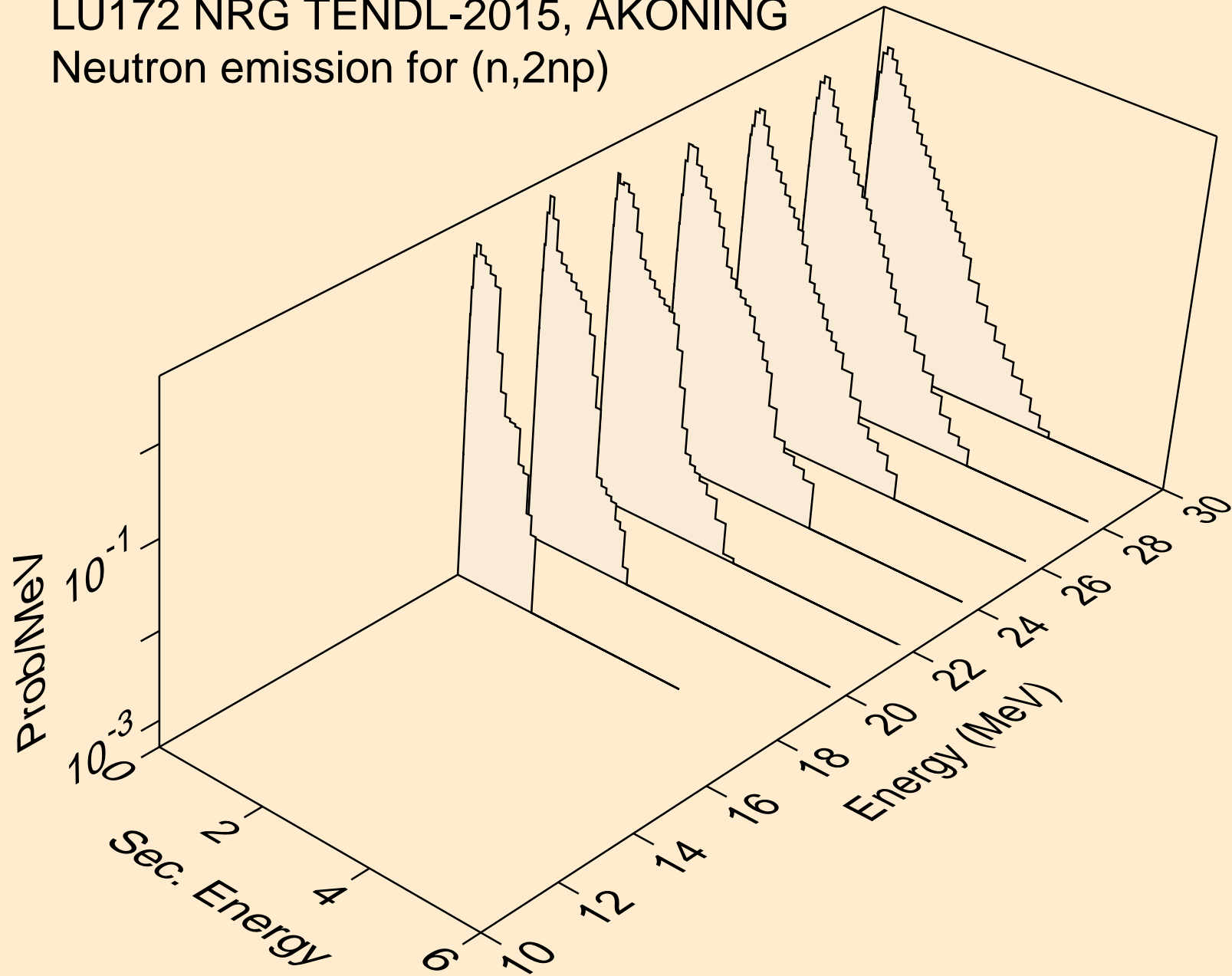




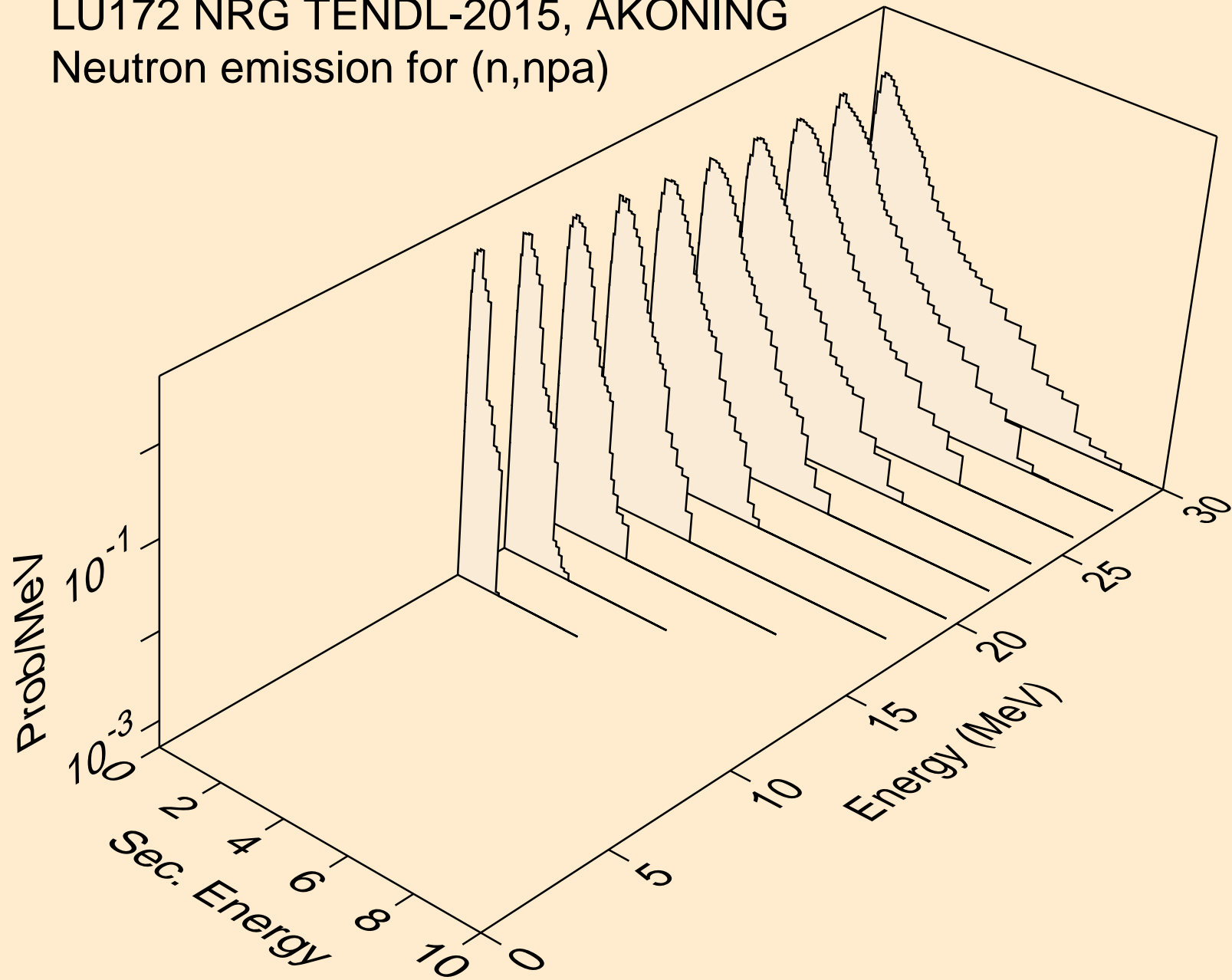
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



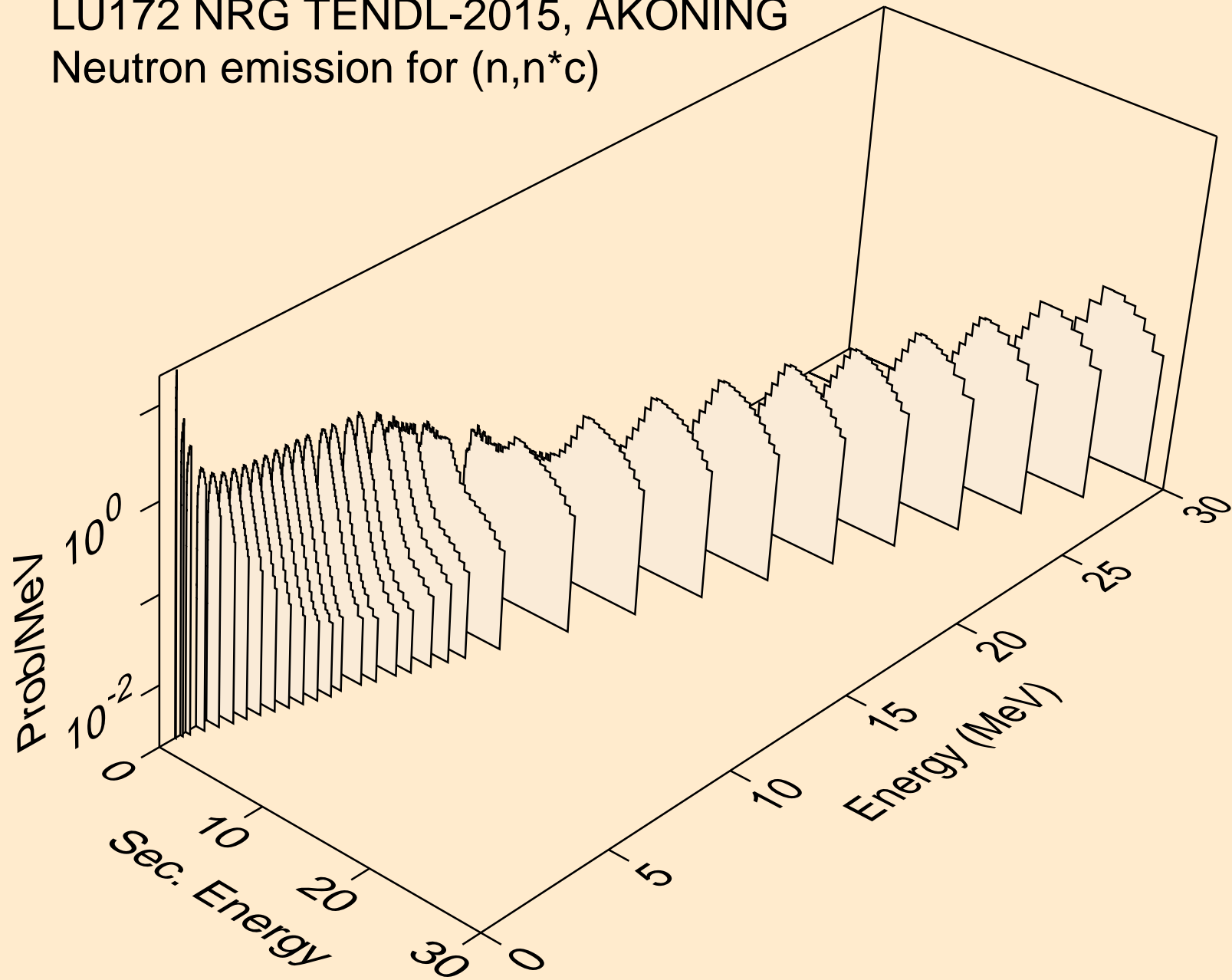
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



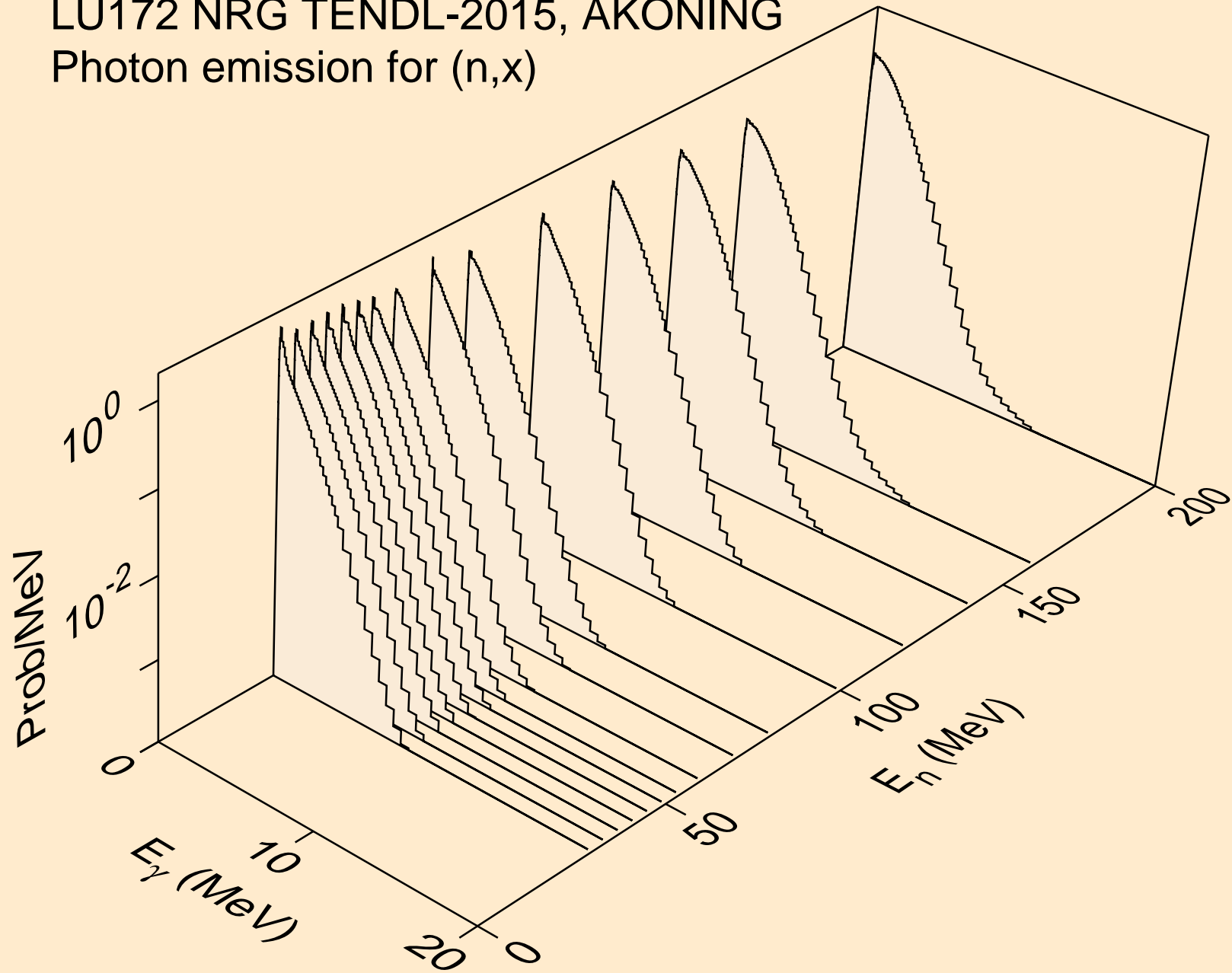
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



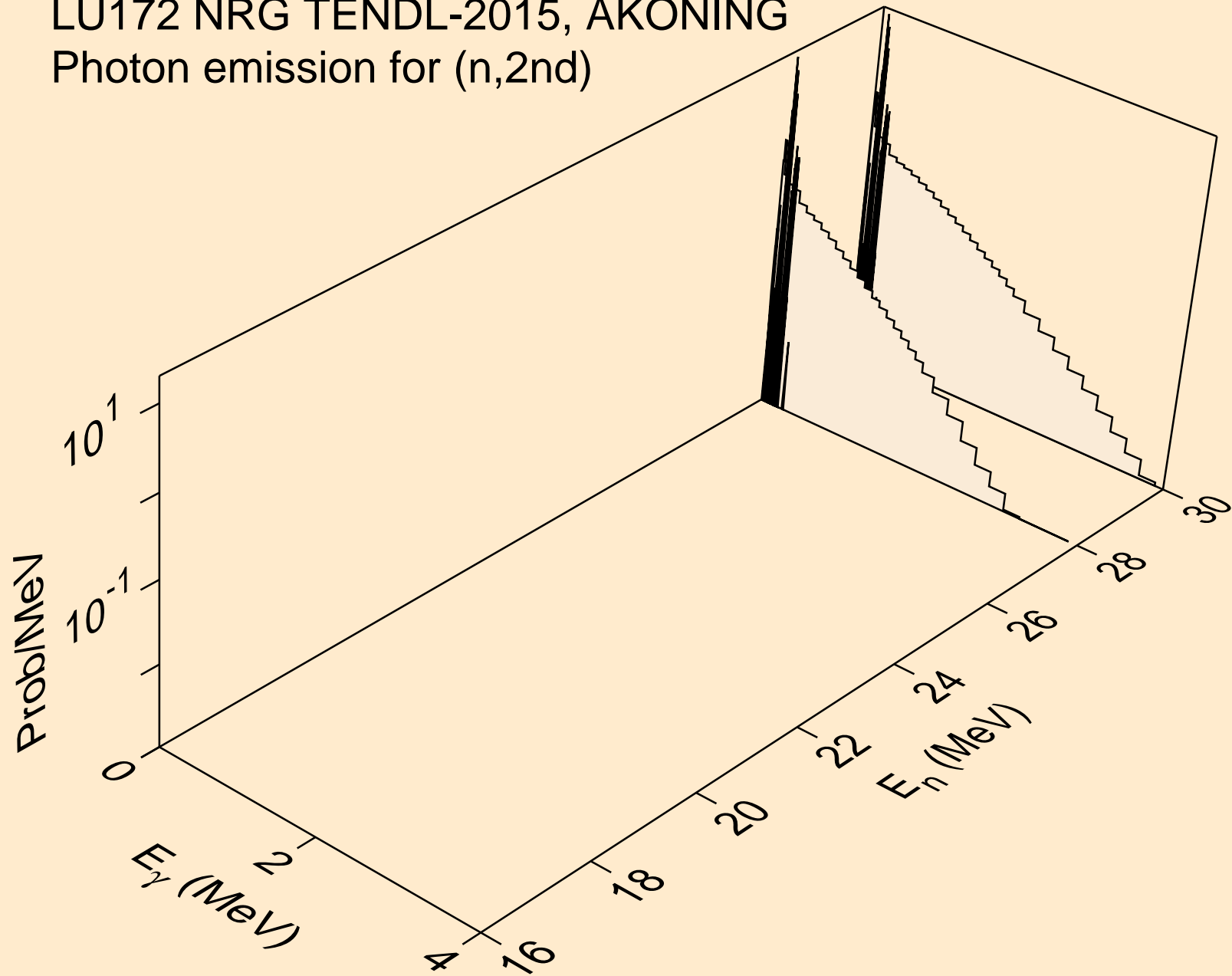
LU172 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



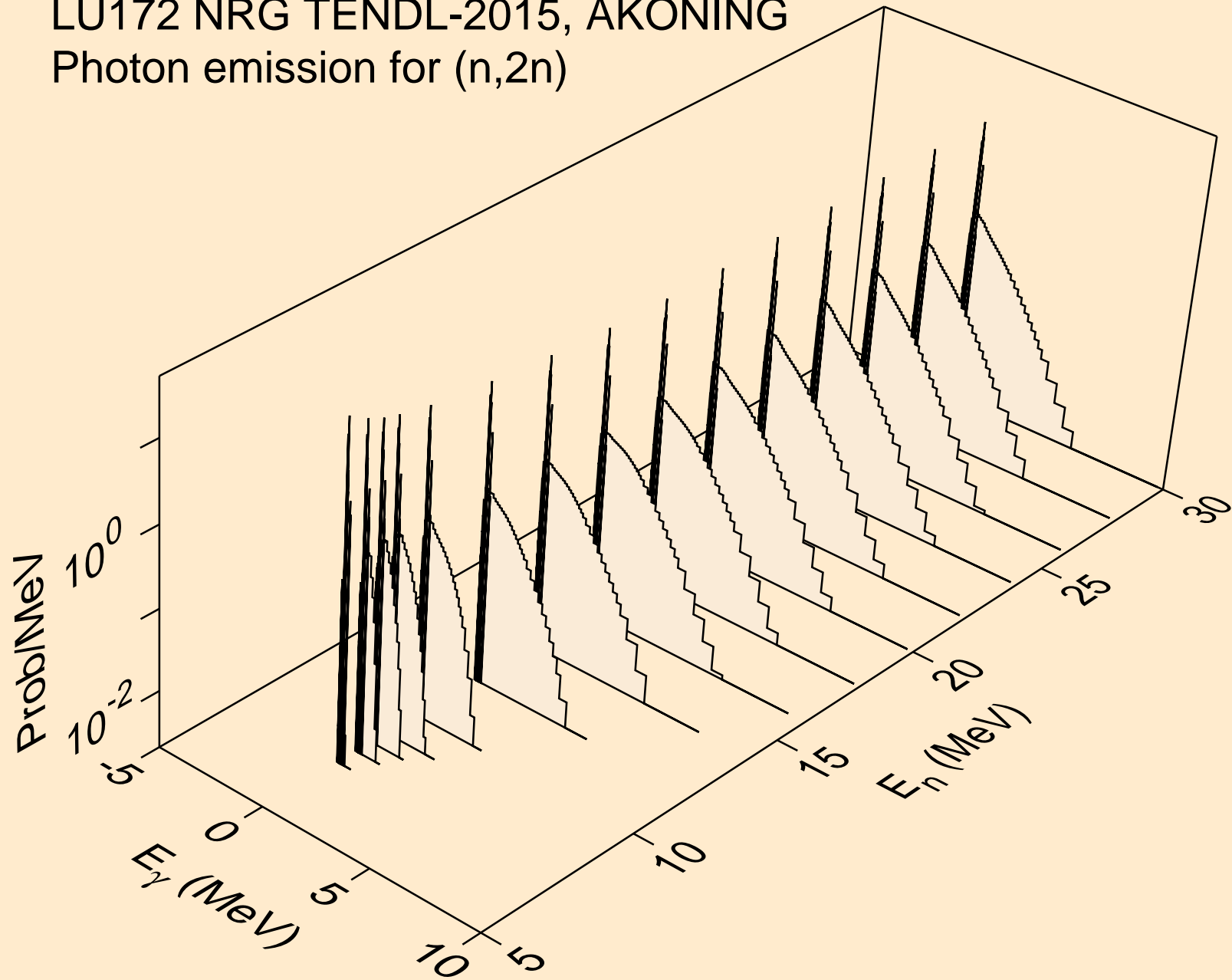
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



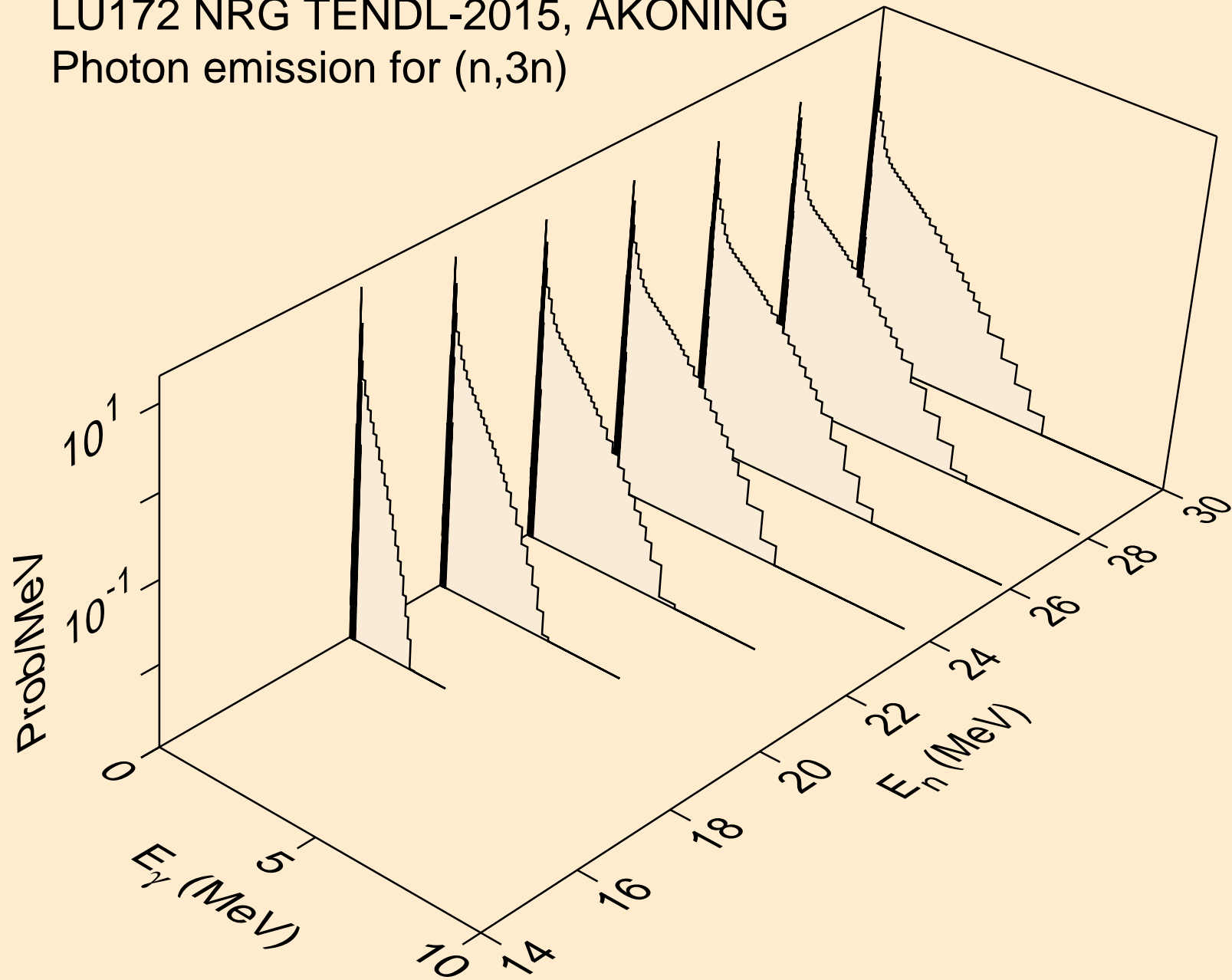
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

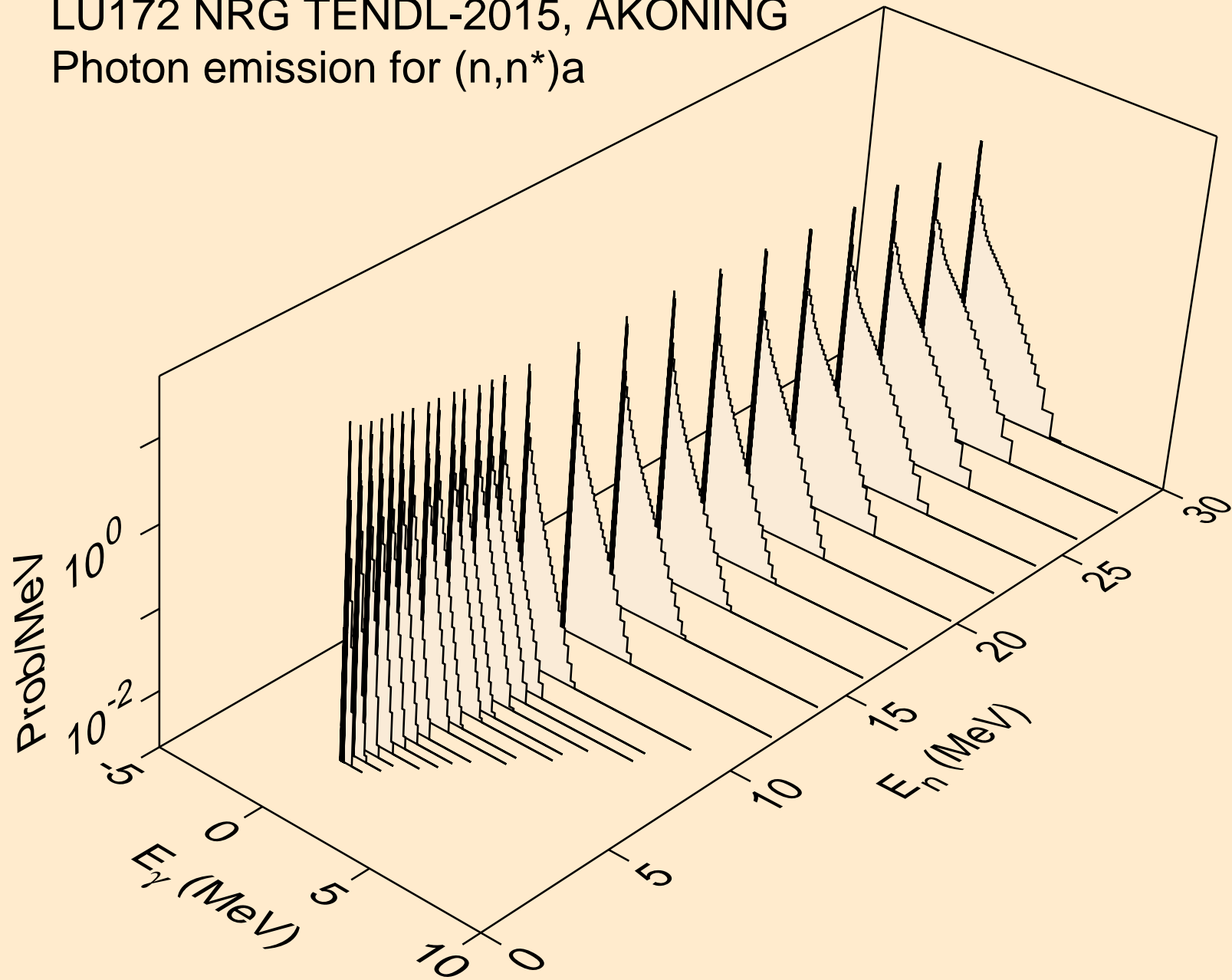


LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

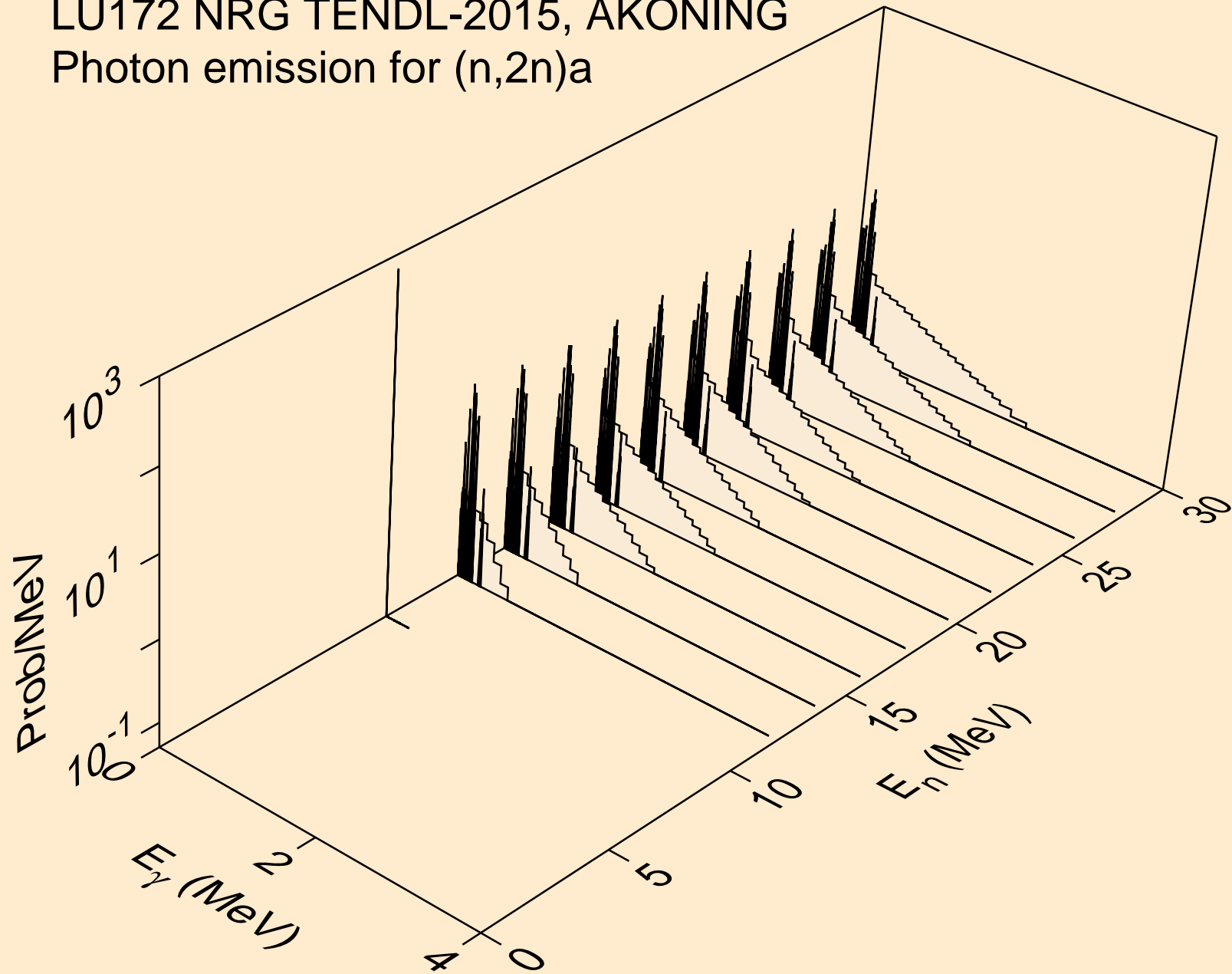




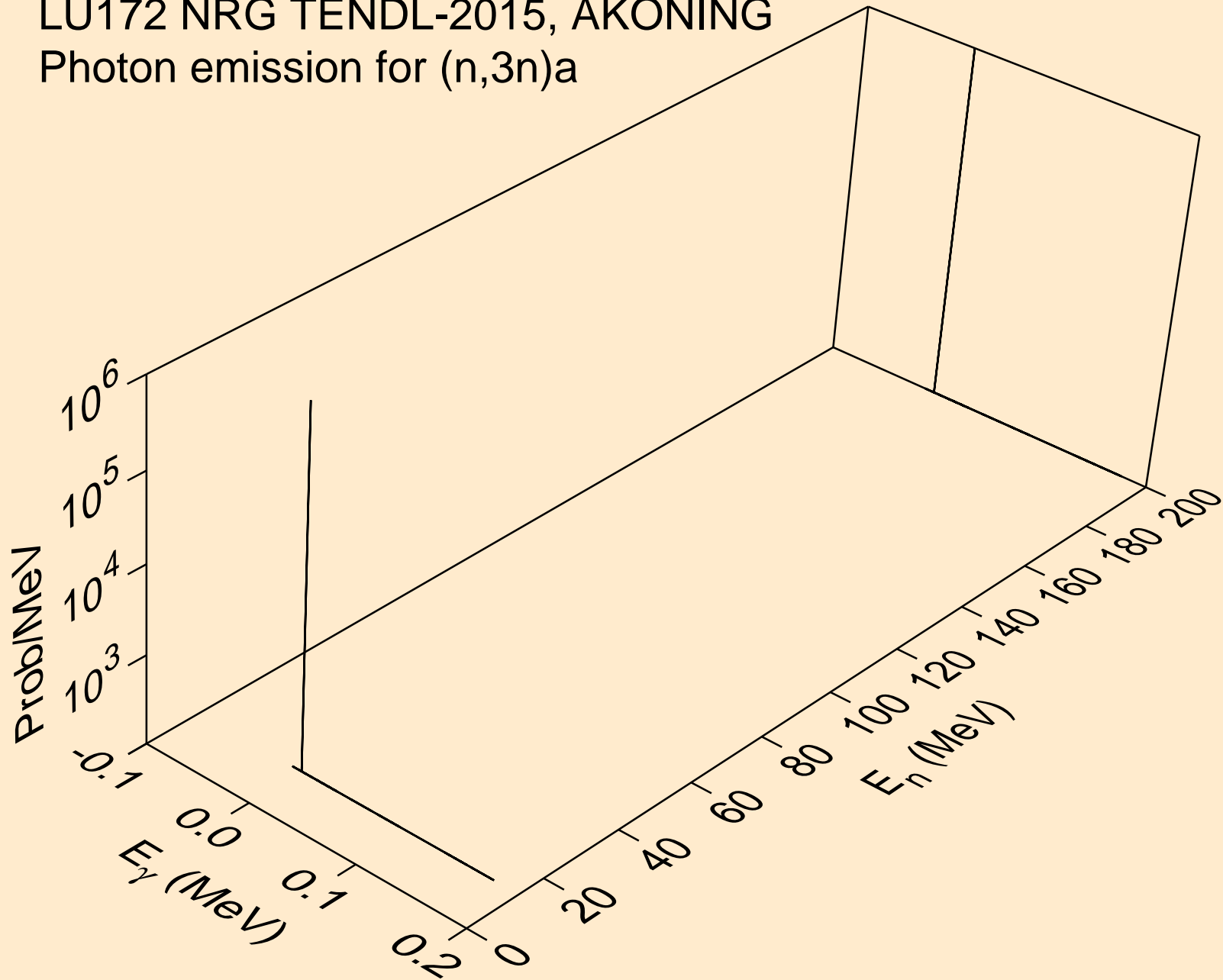
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



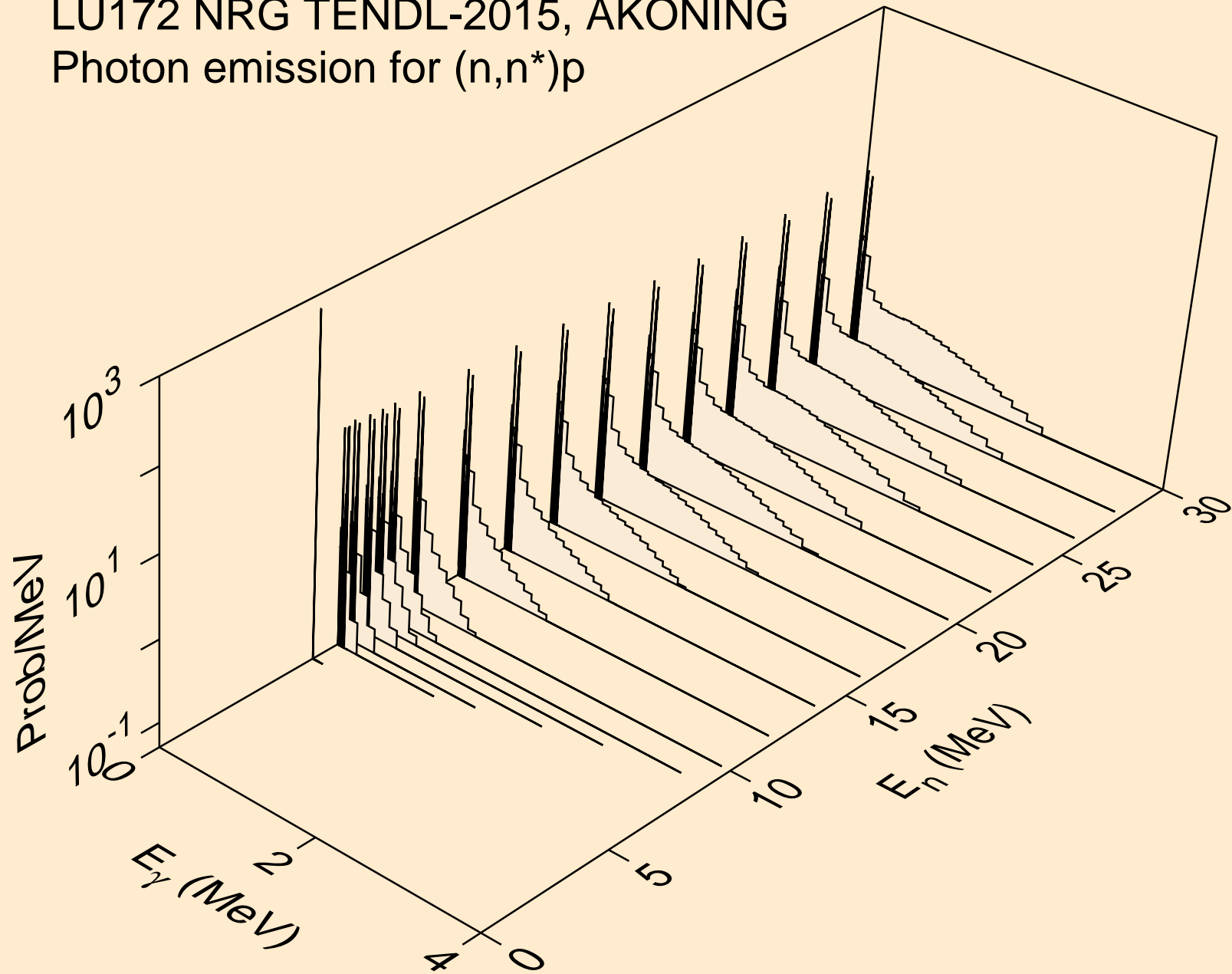
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



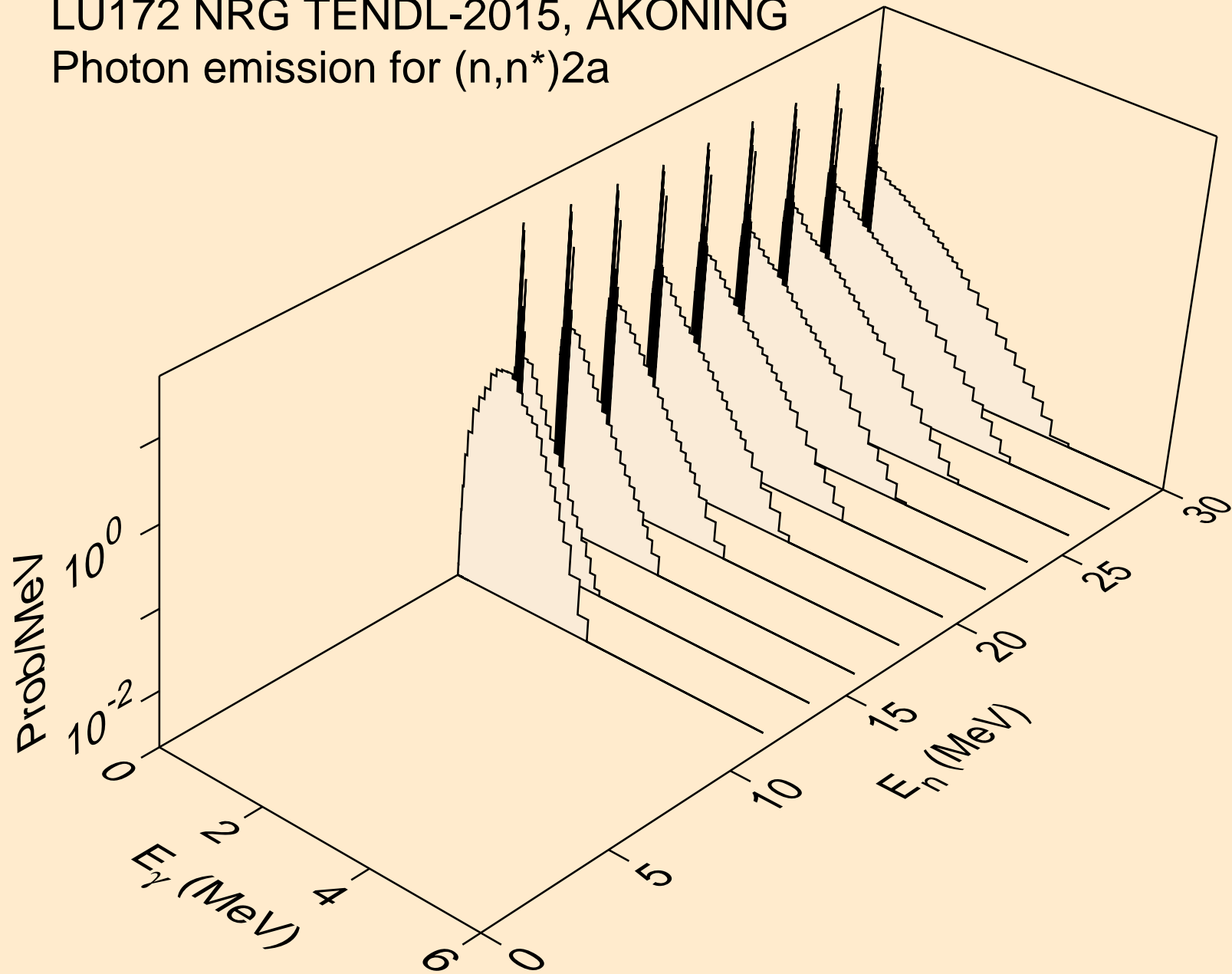
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



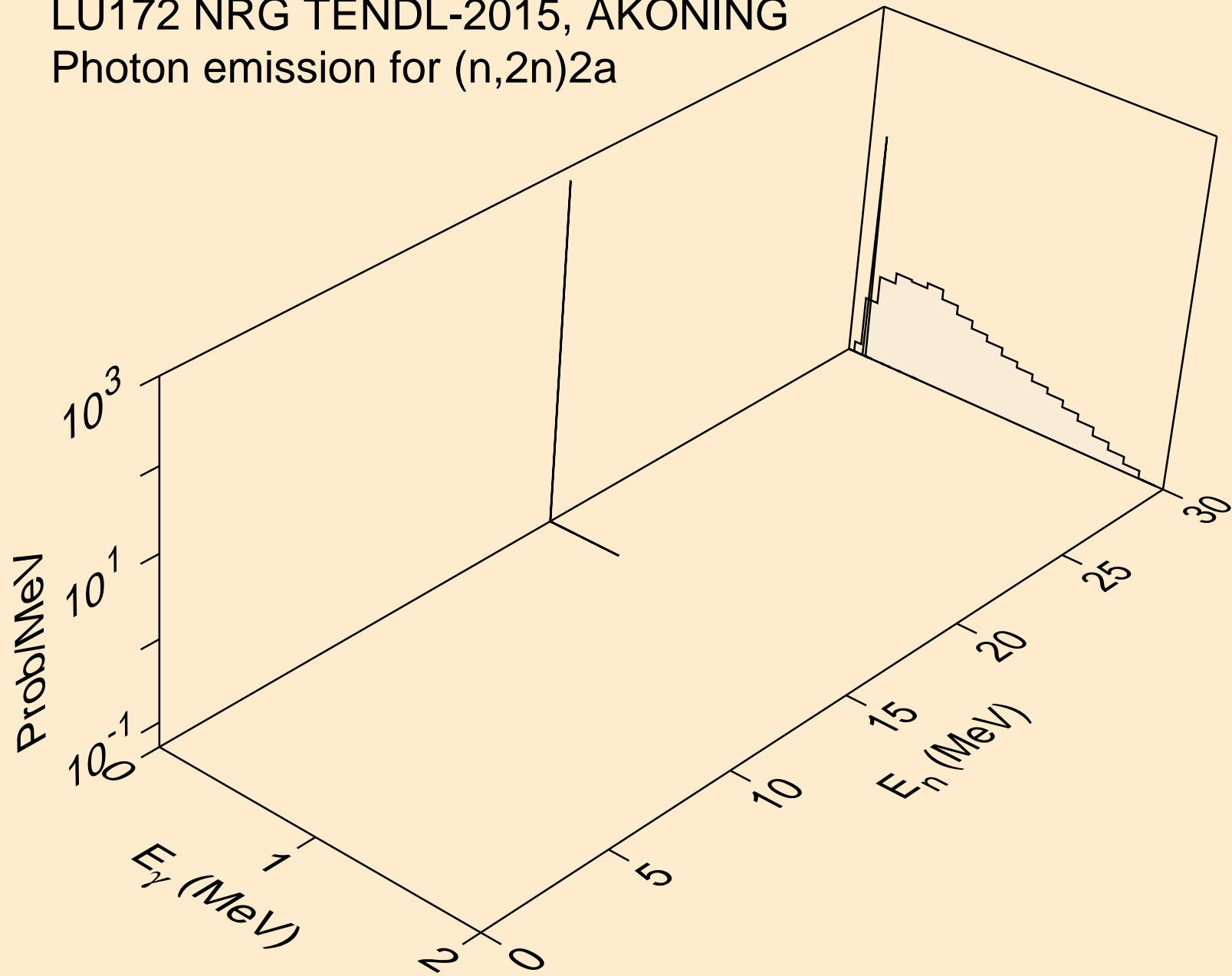
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



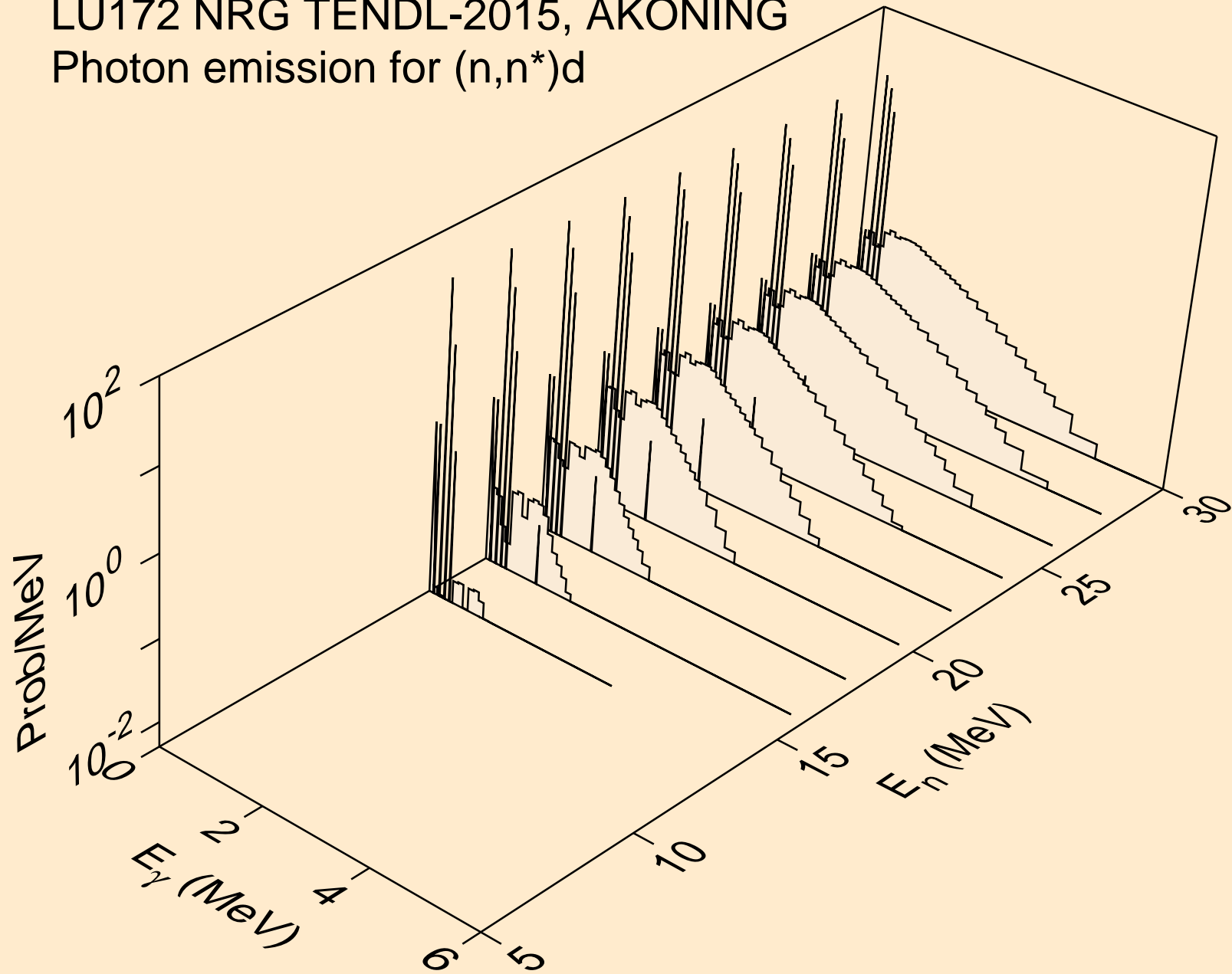
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



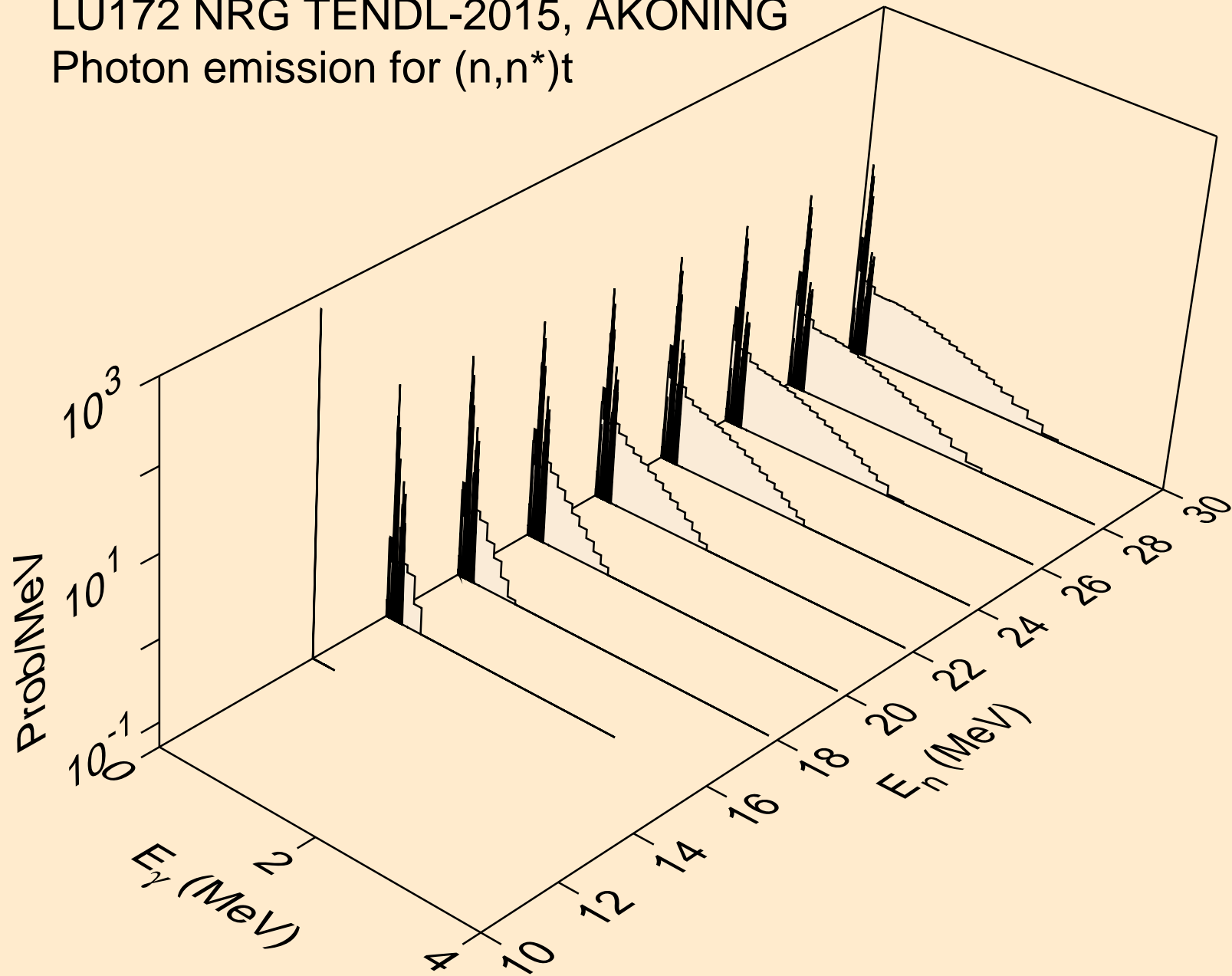
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

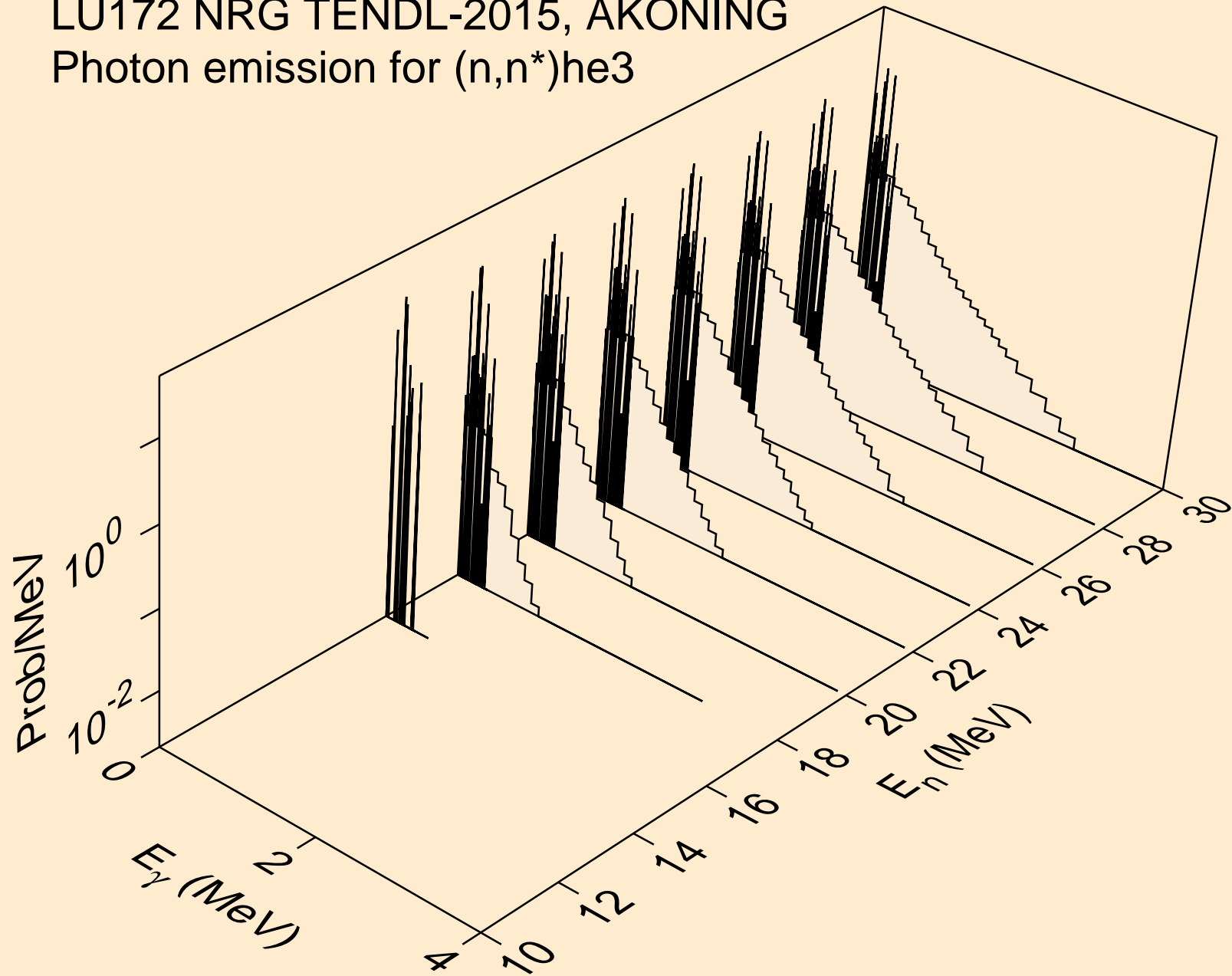


LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

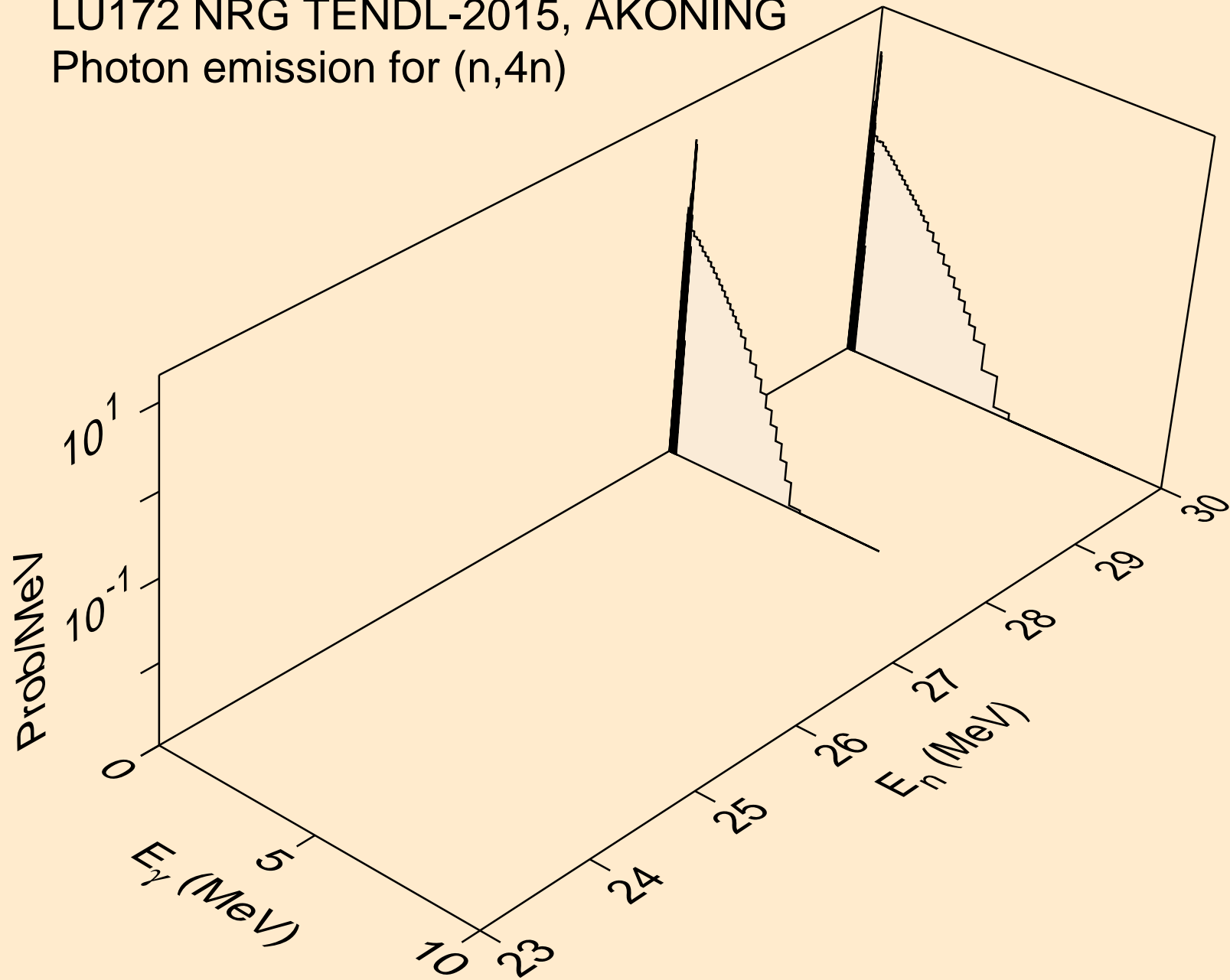




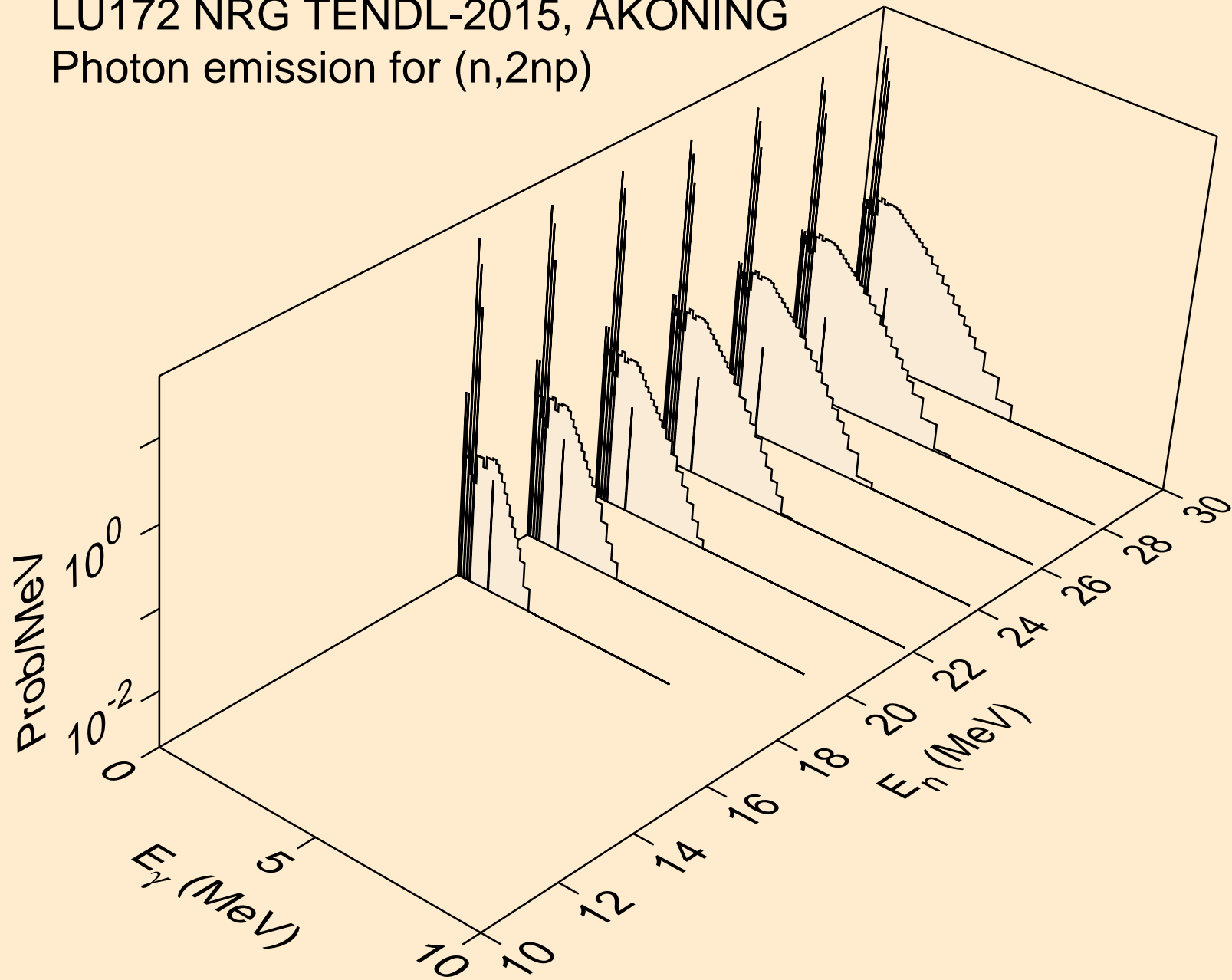
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



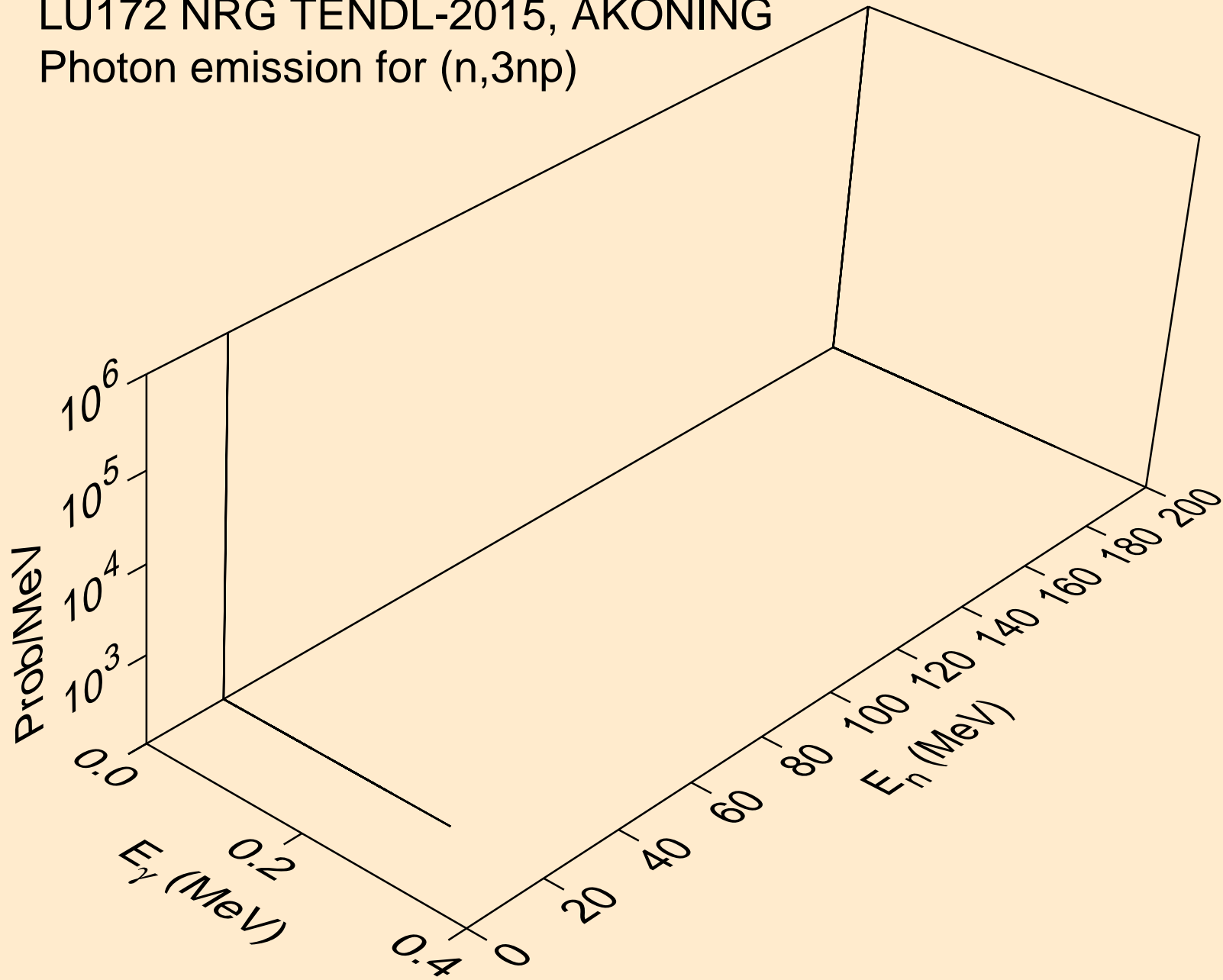
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



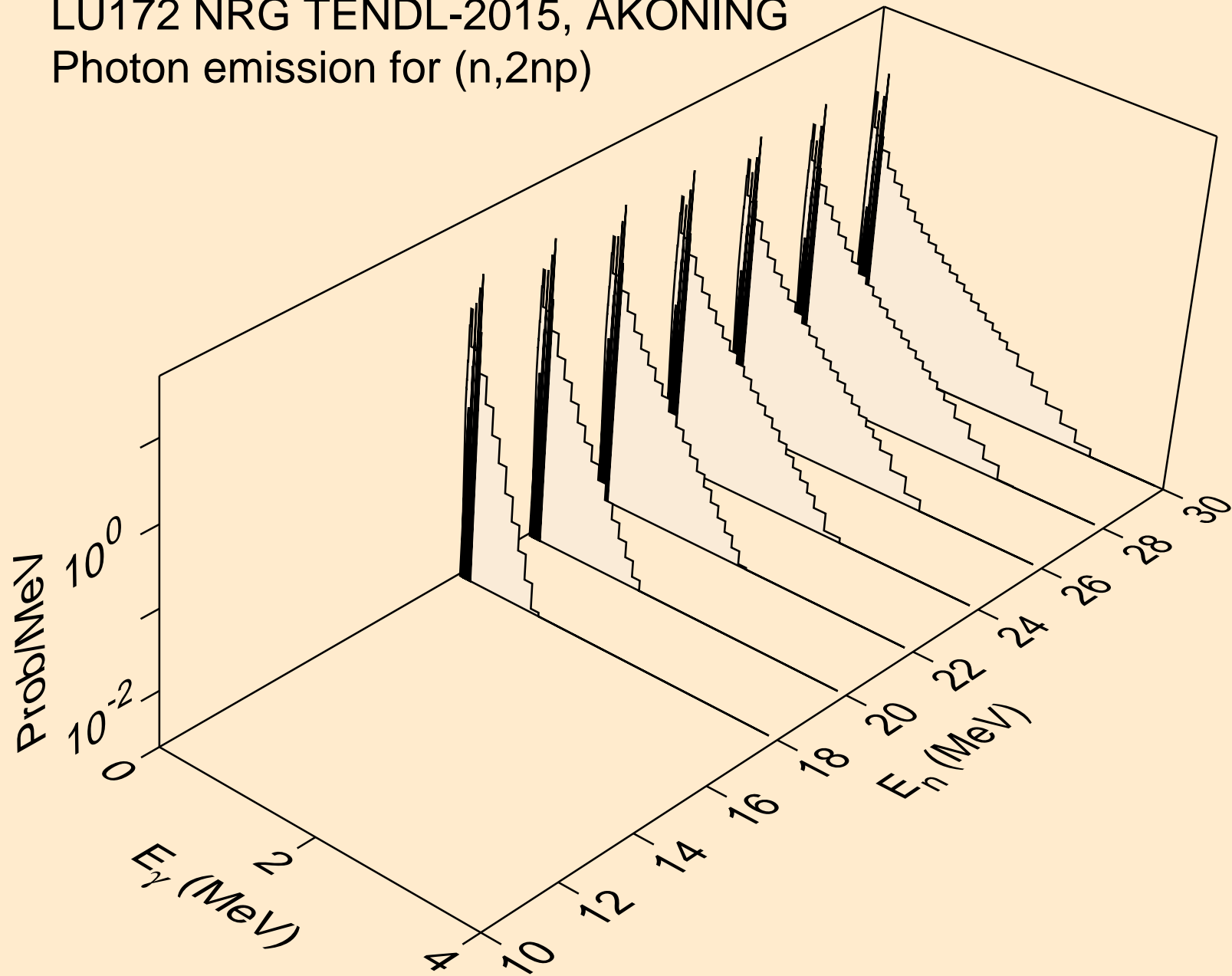
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



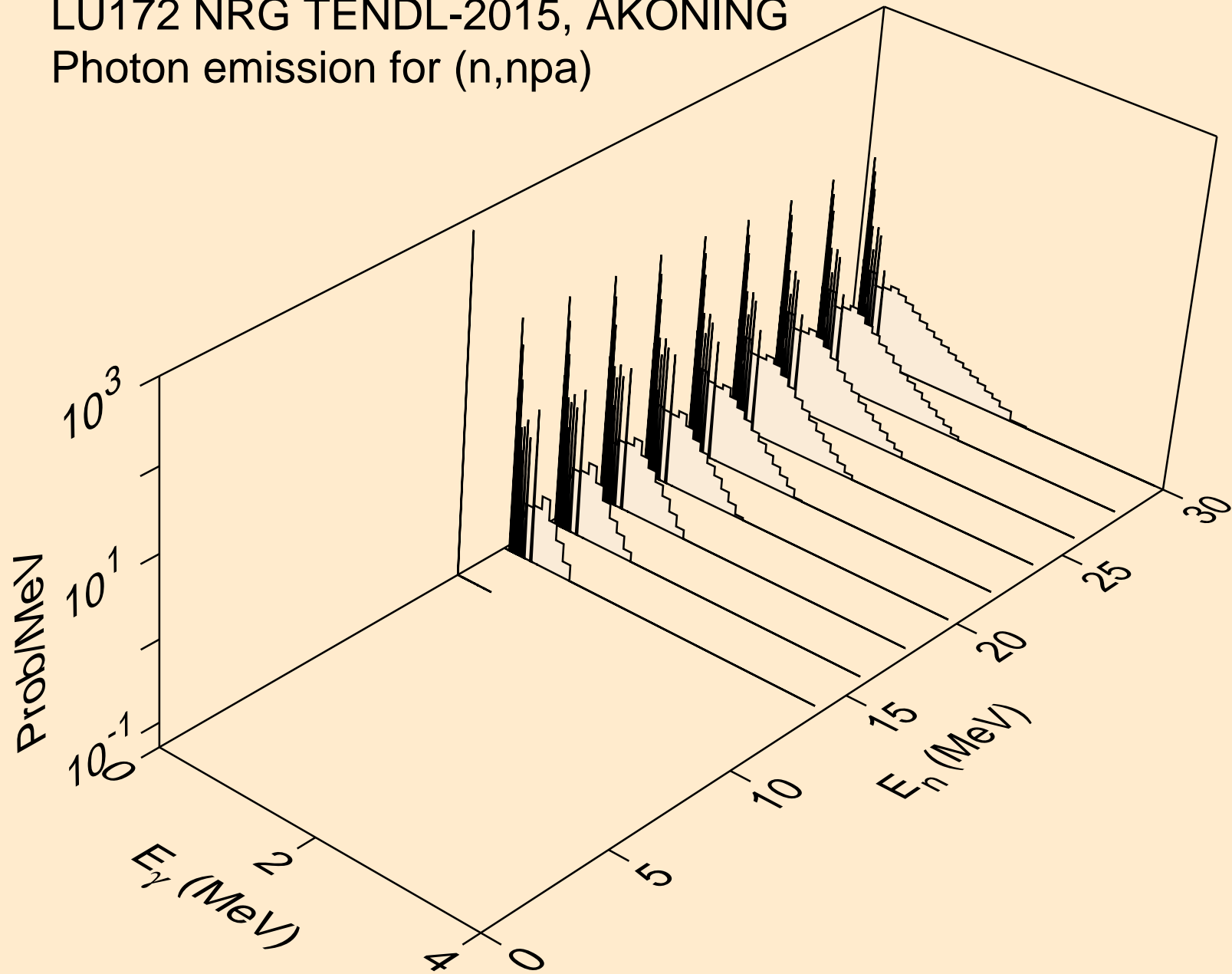
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



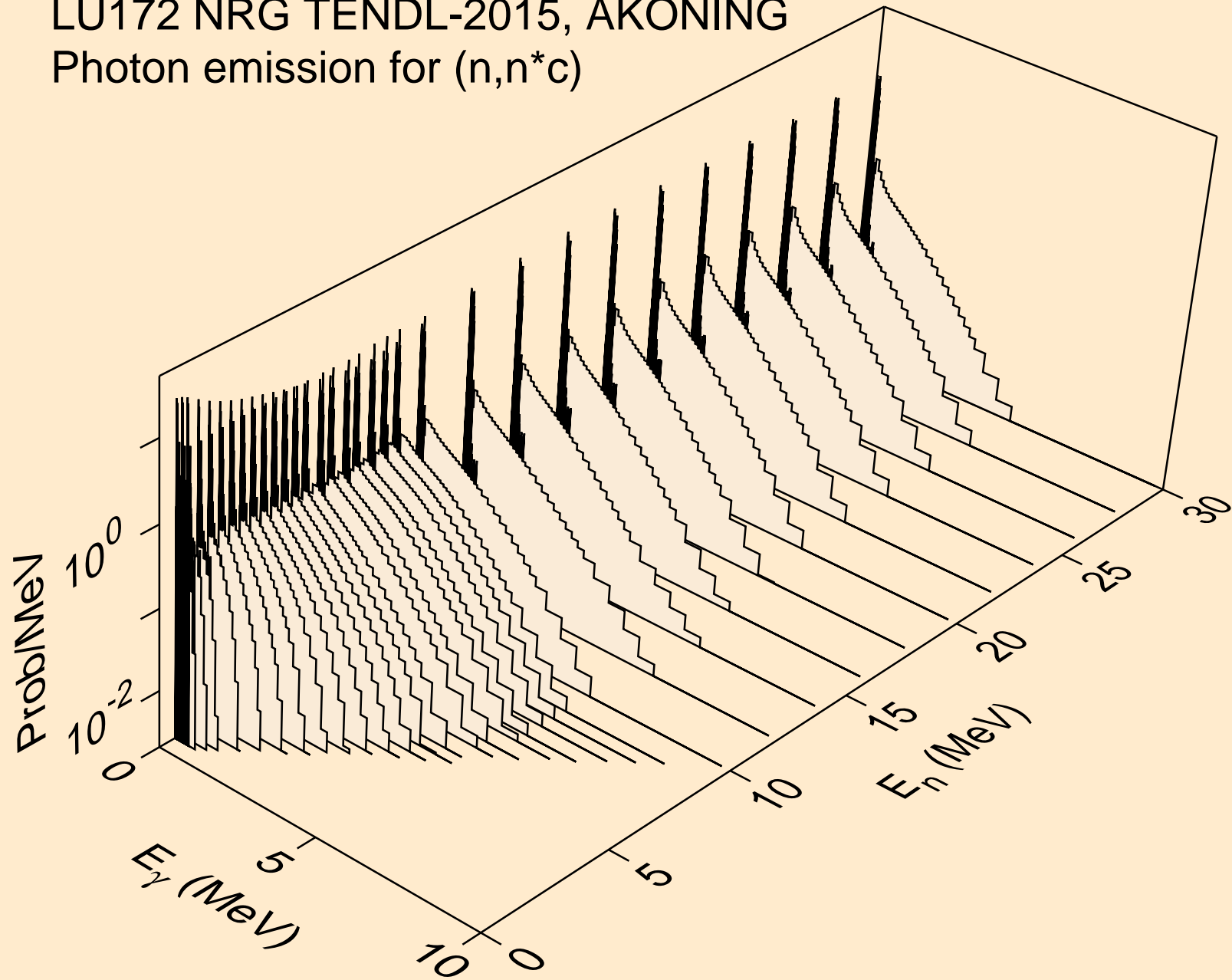
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



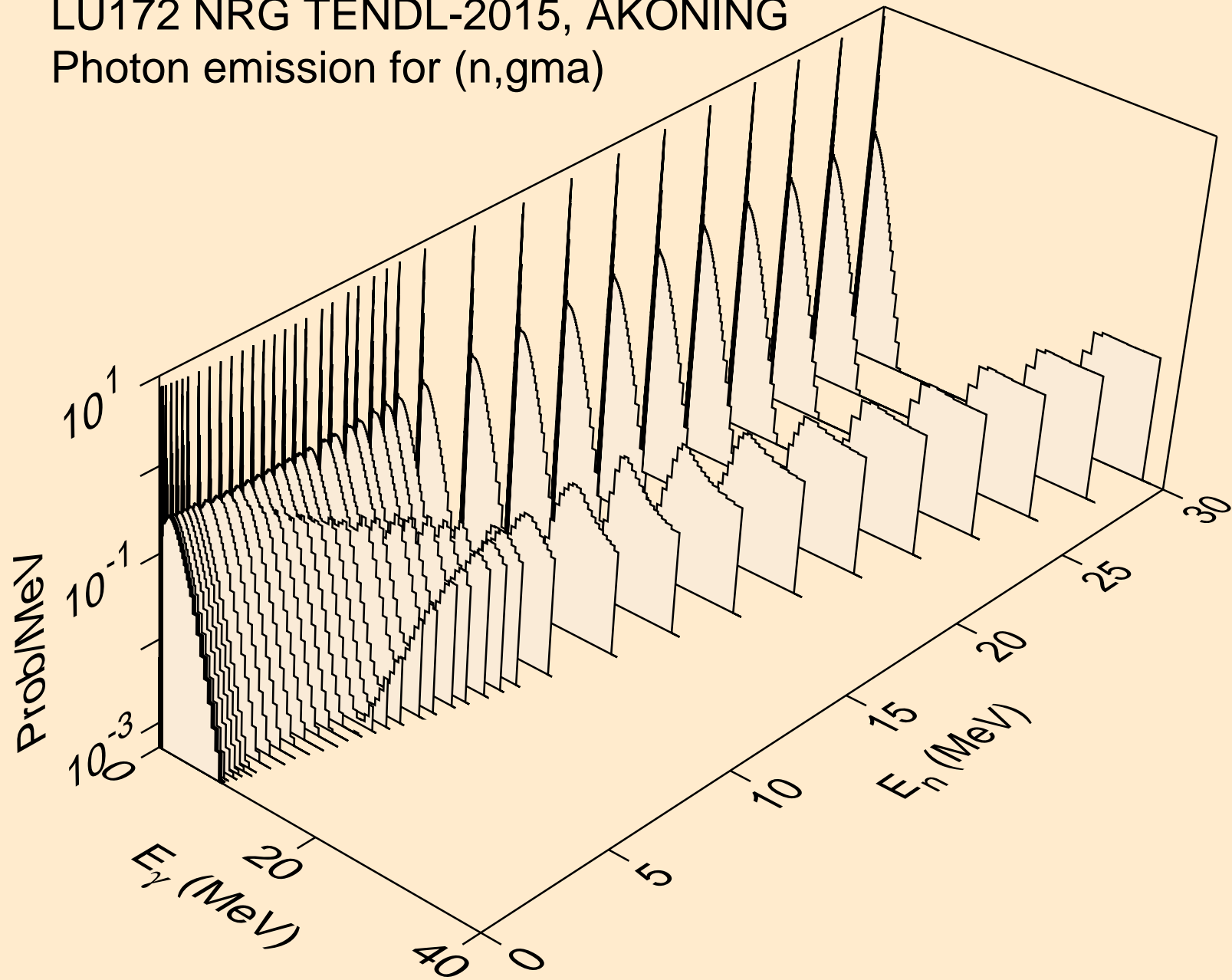
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

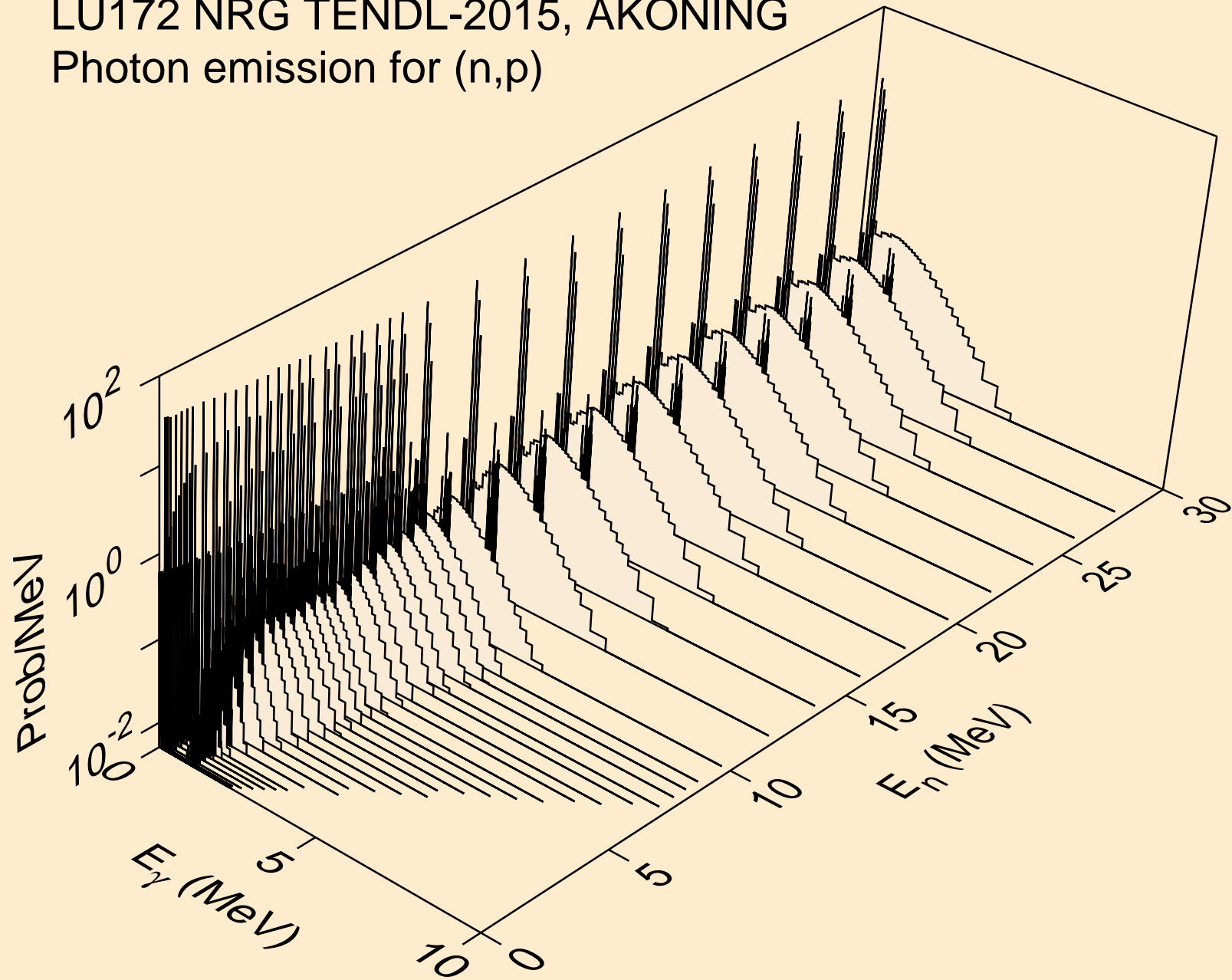


LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

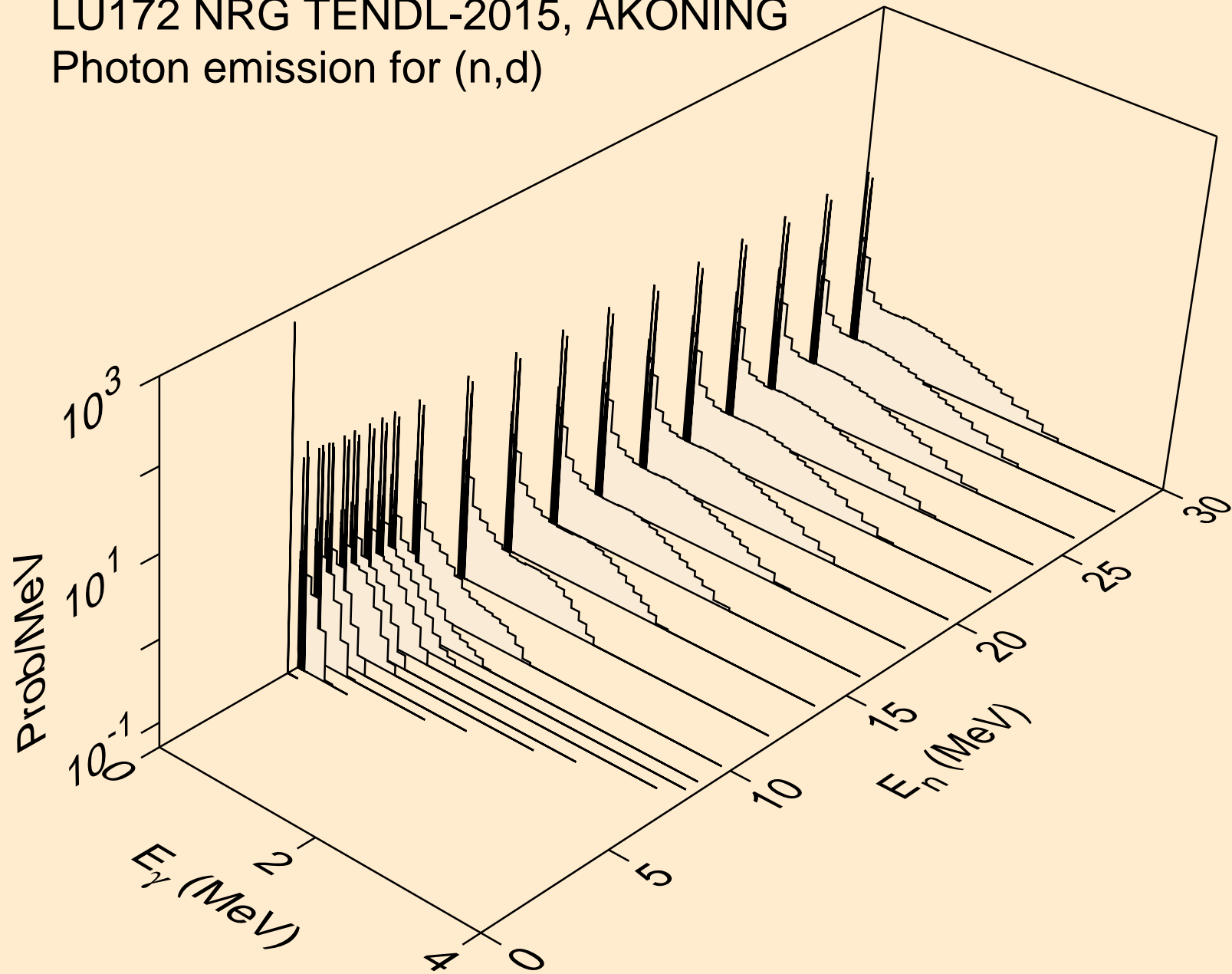




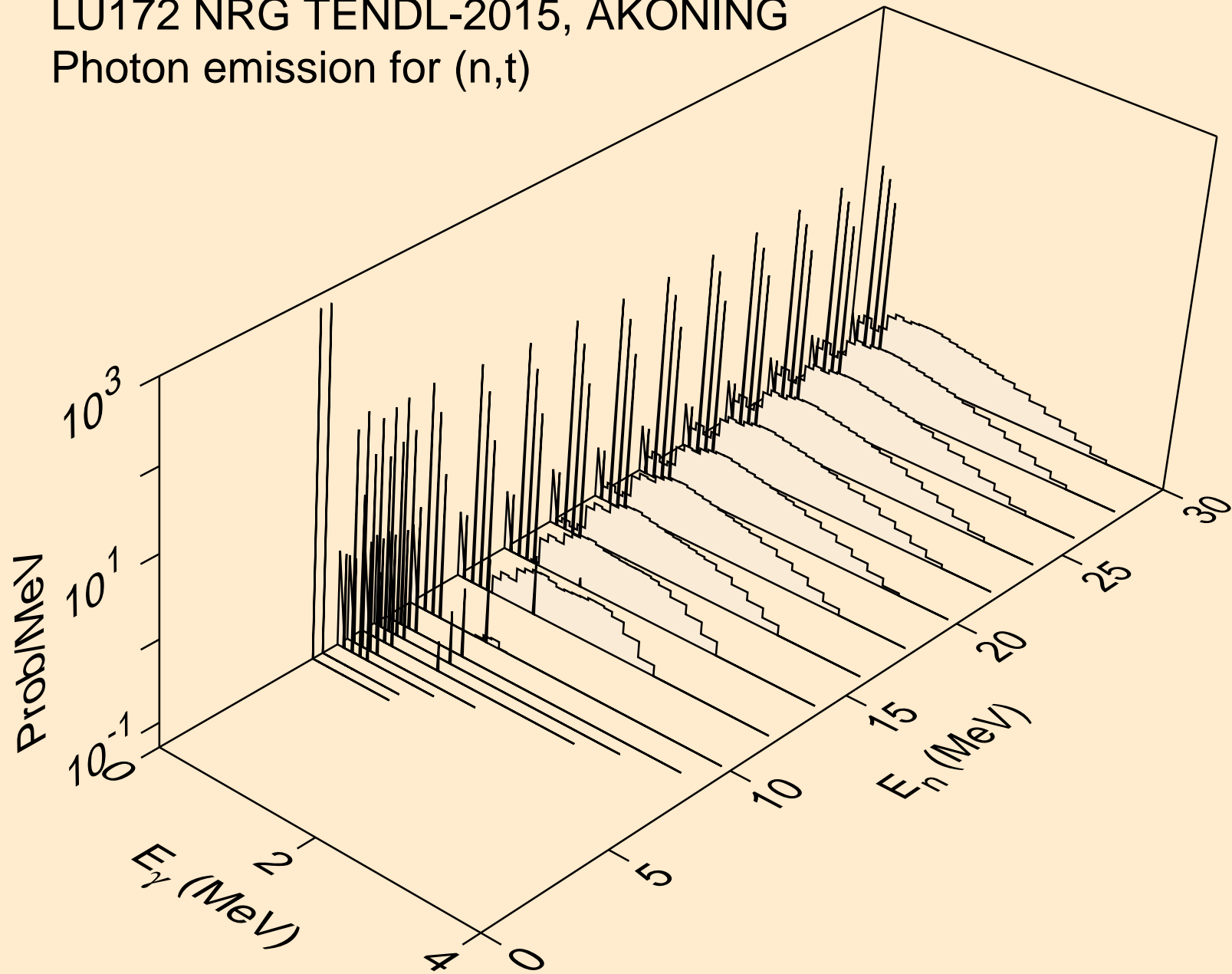
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



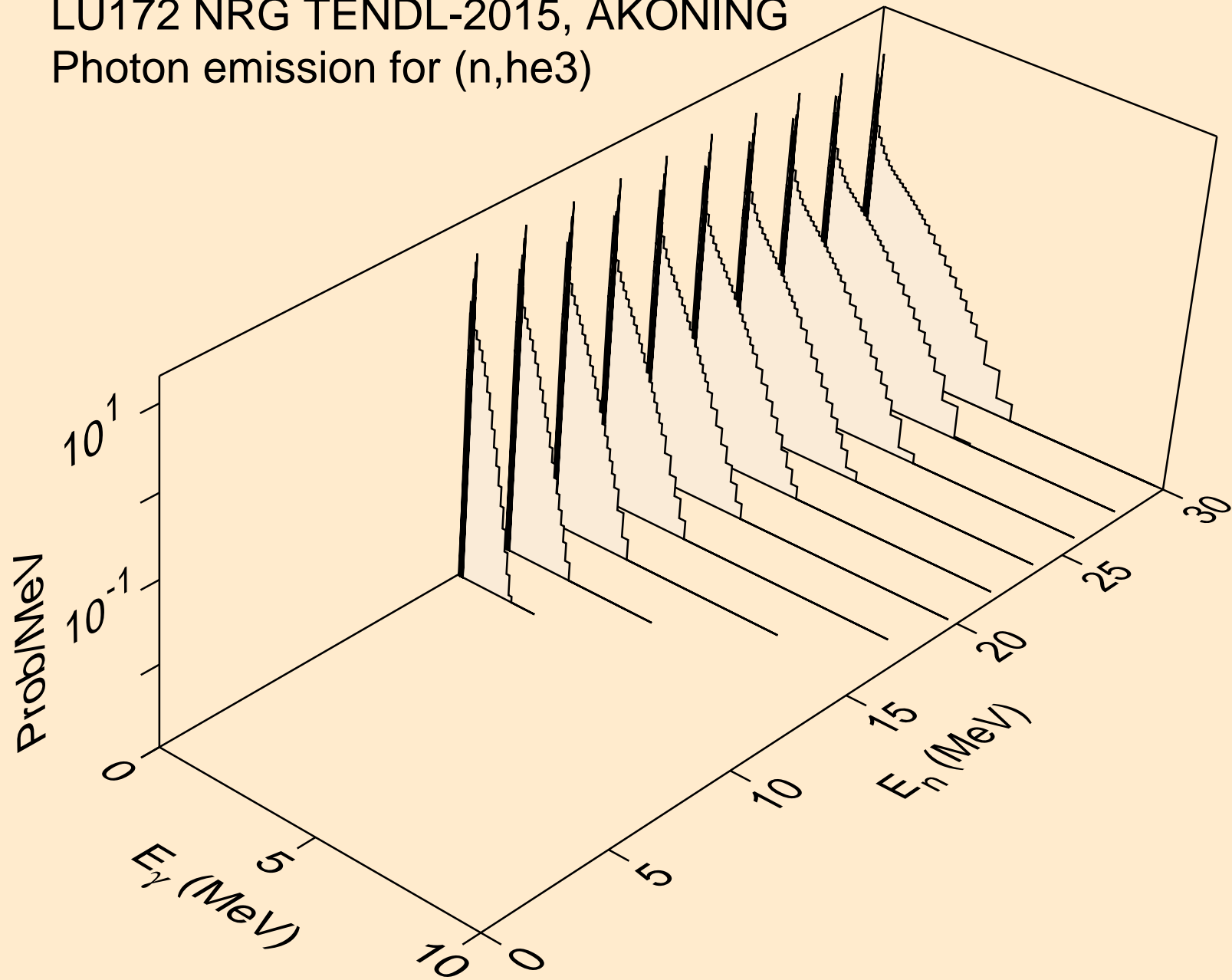
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



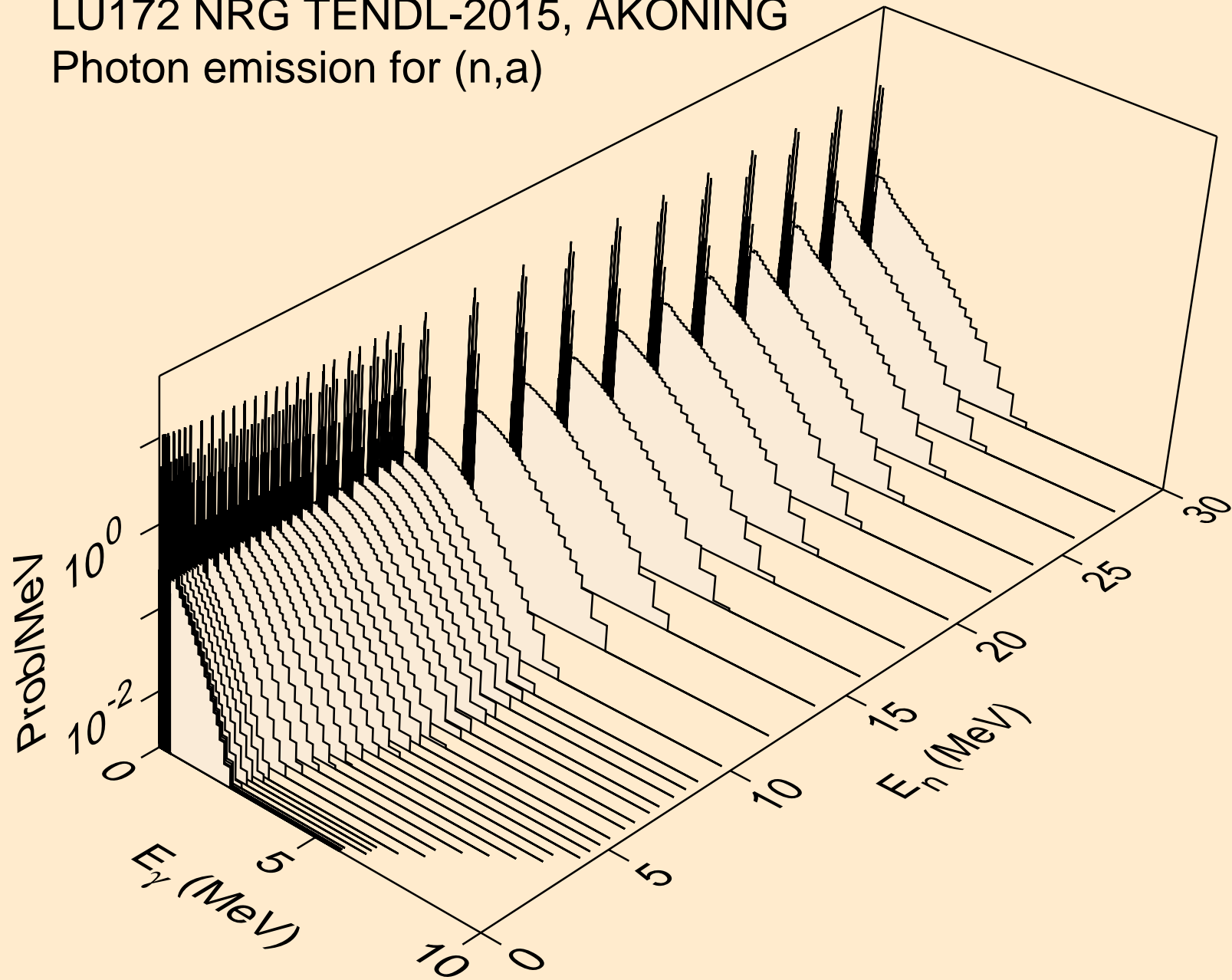
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



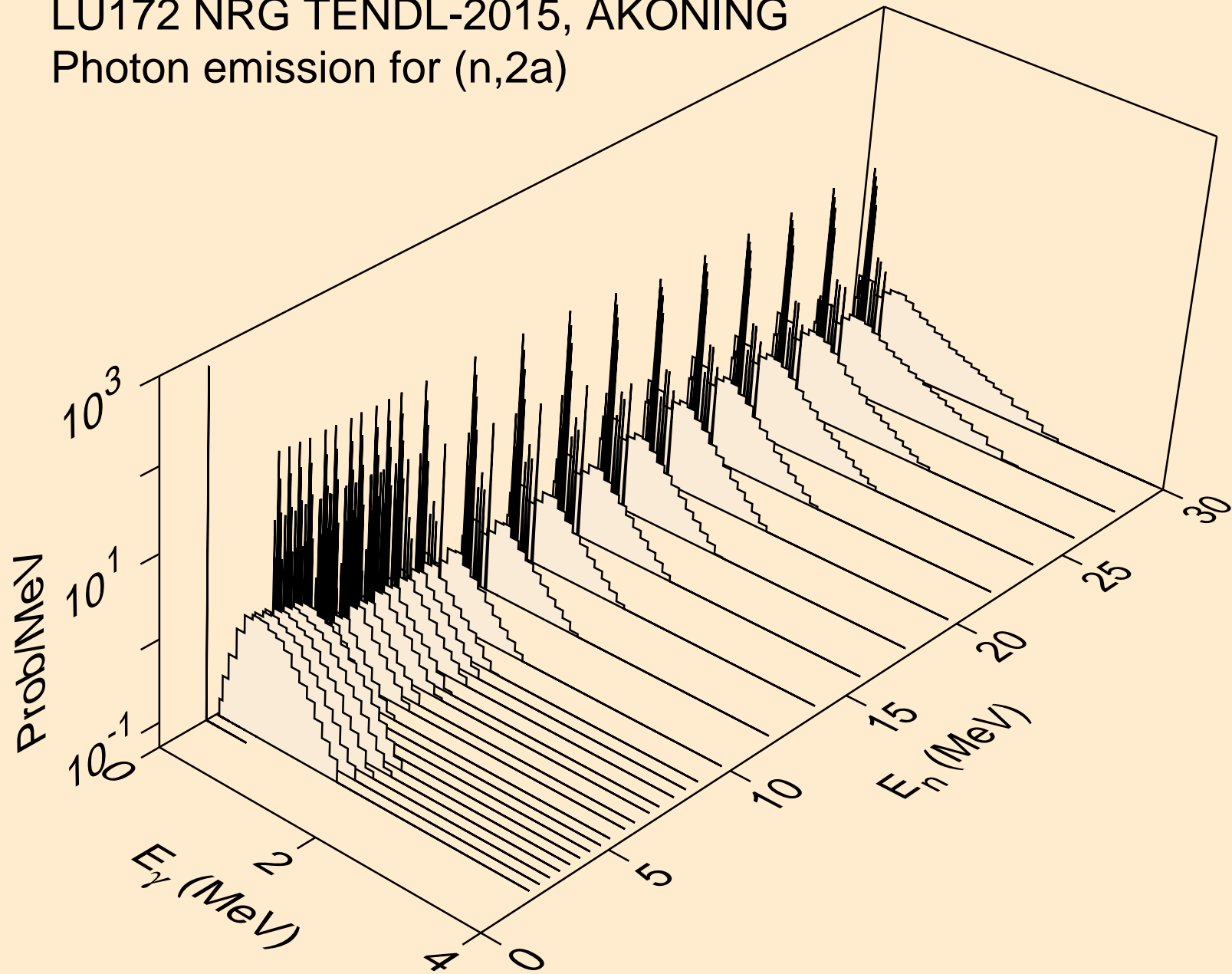
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



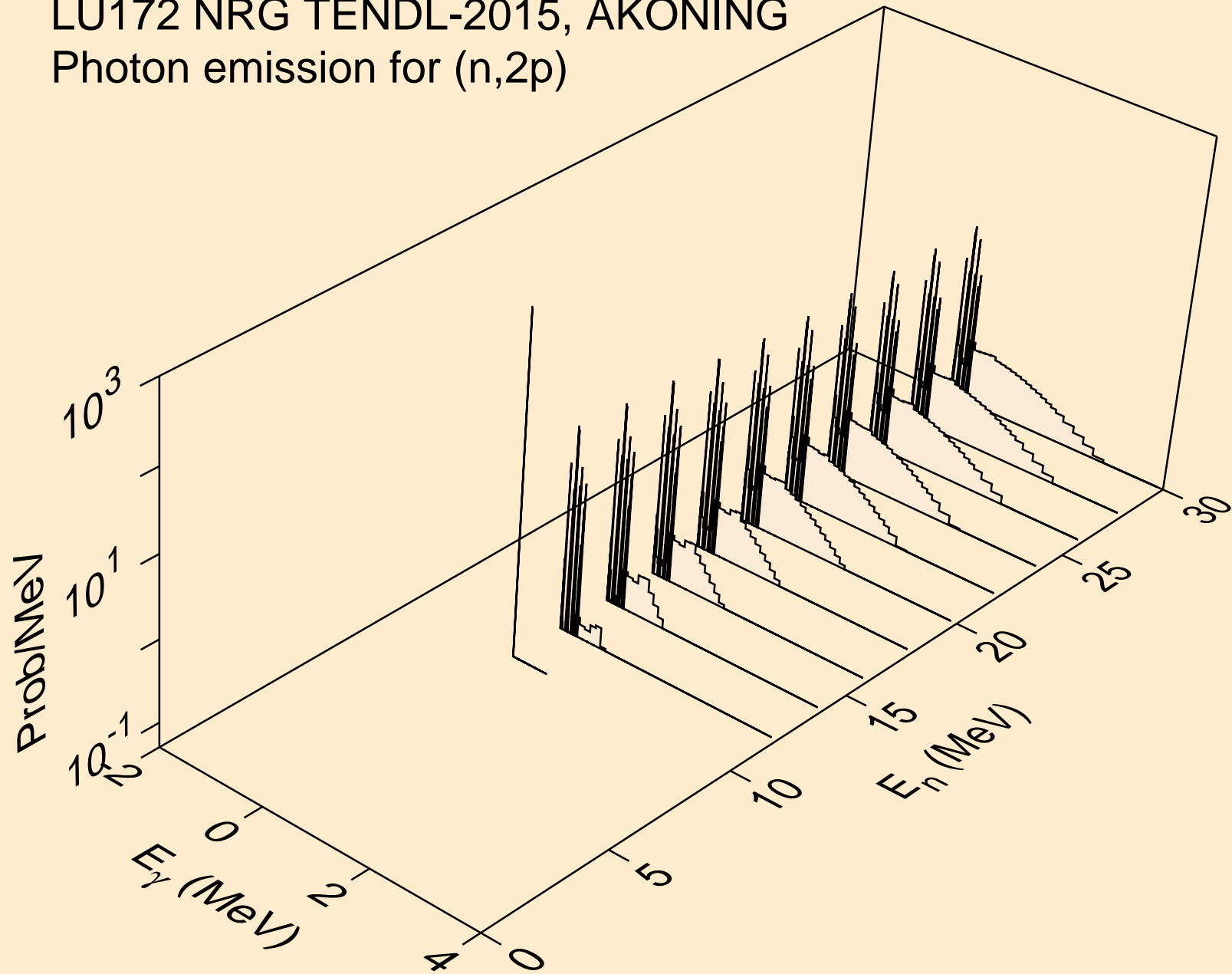
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



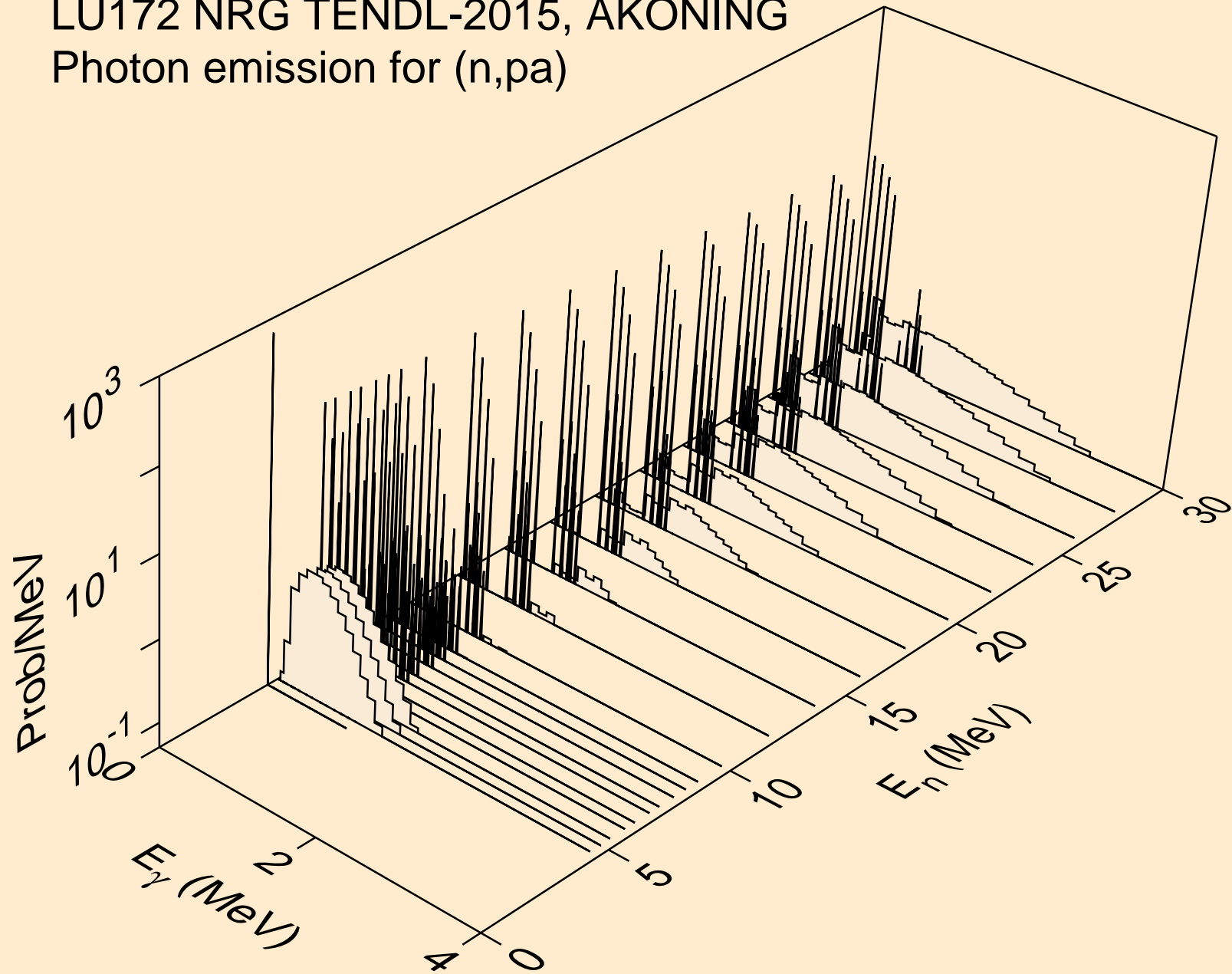
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

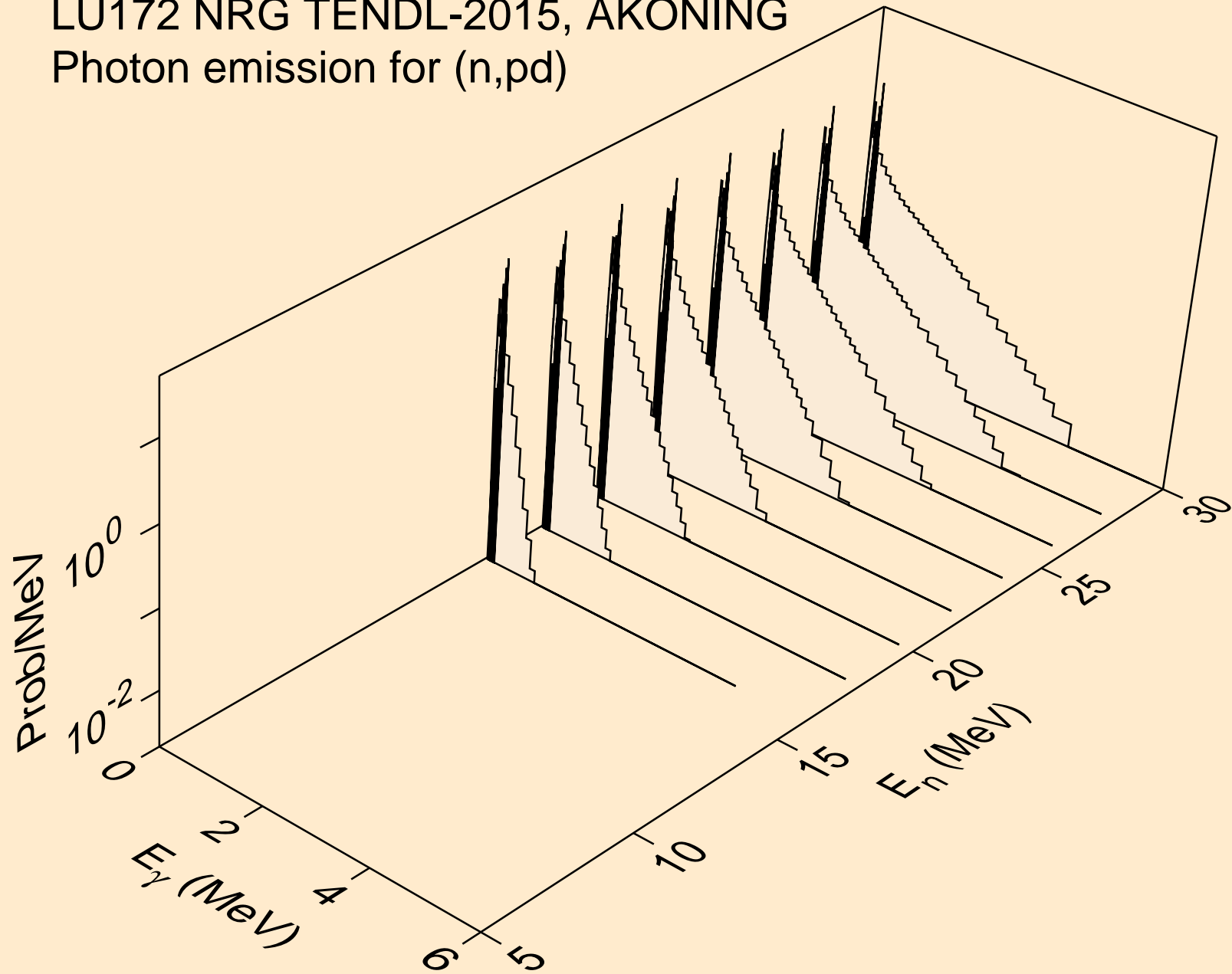


LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

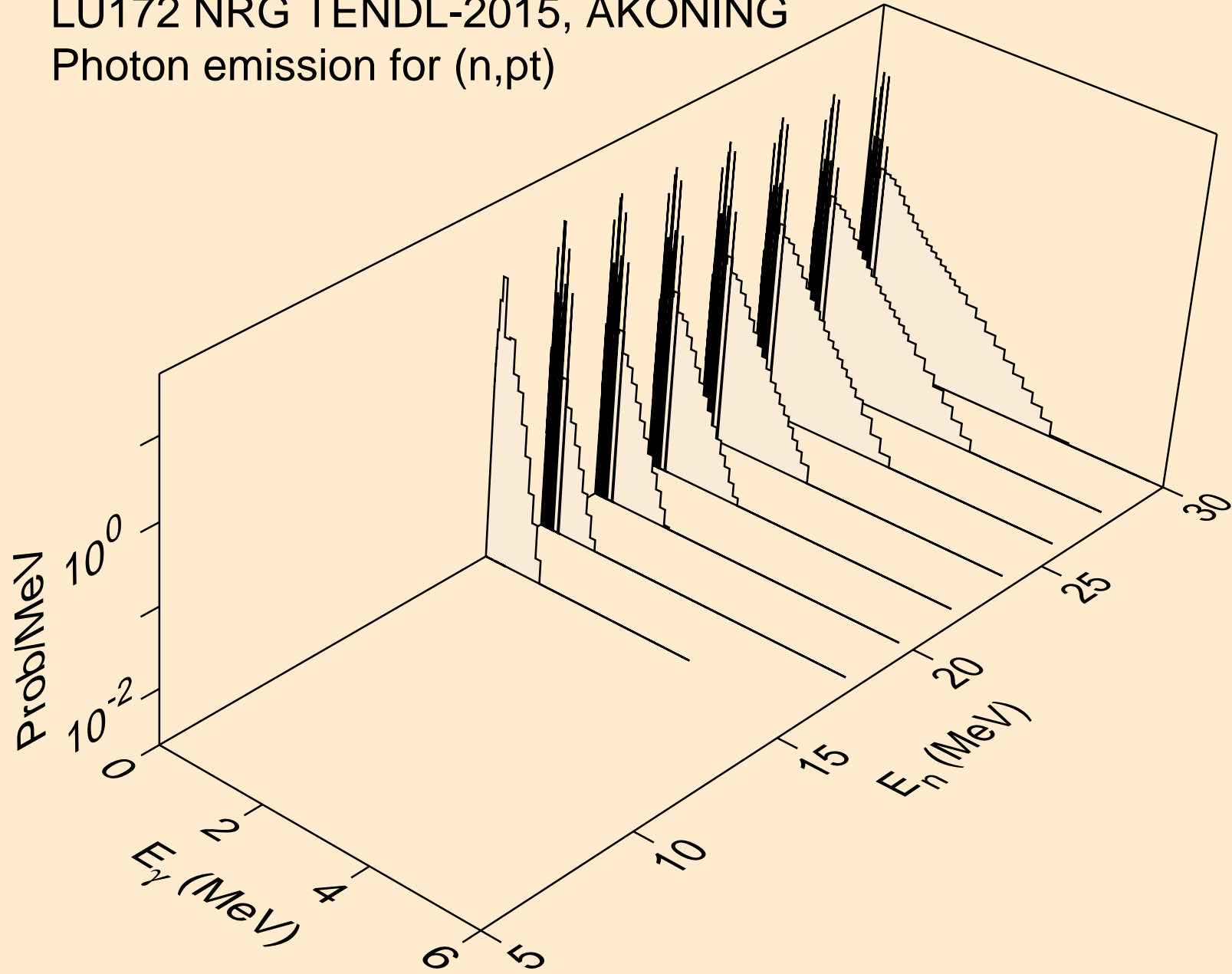




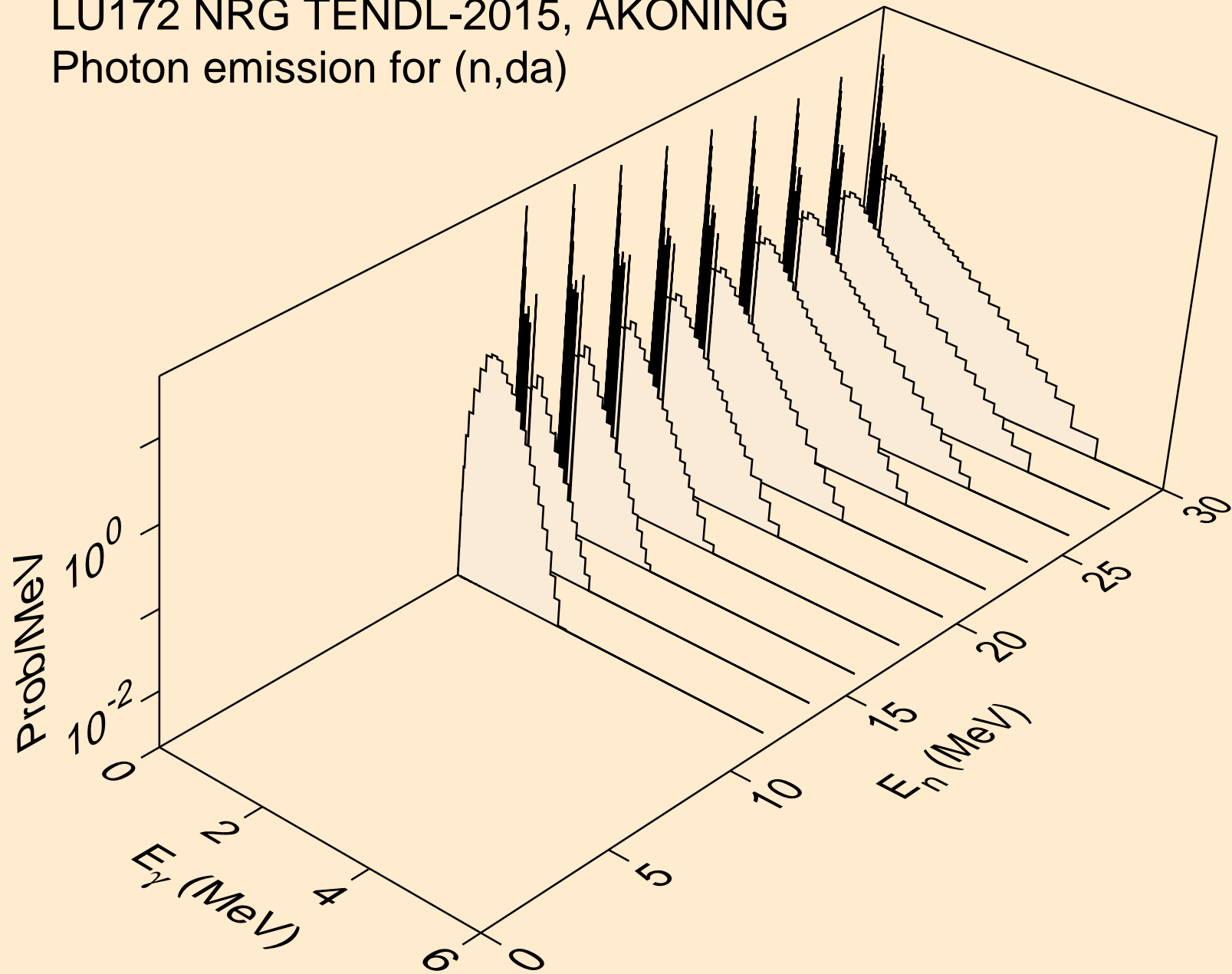
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



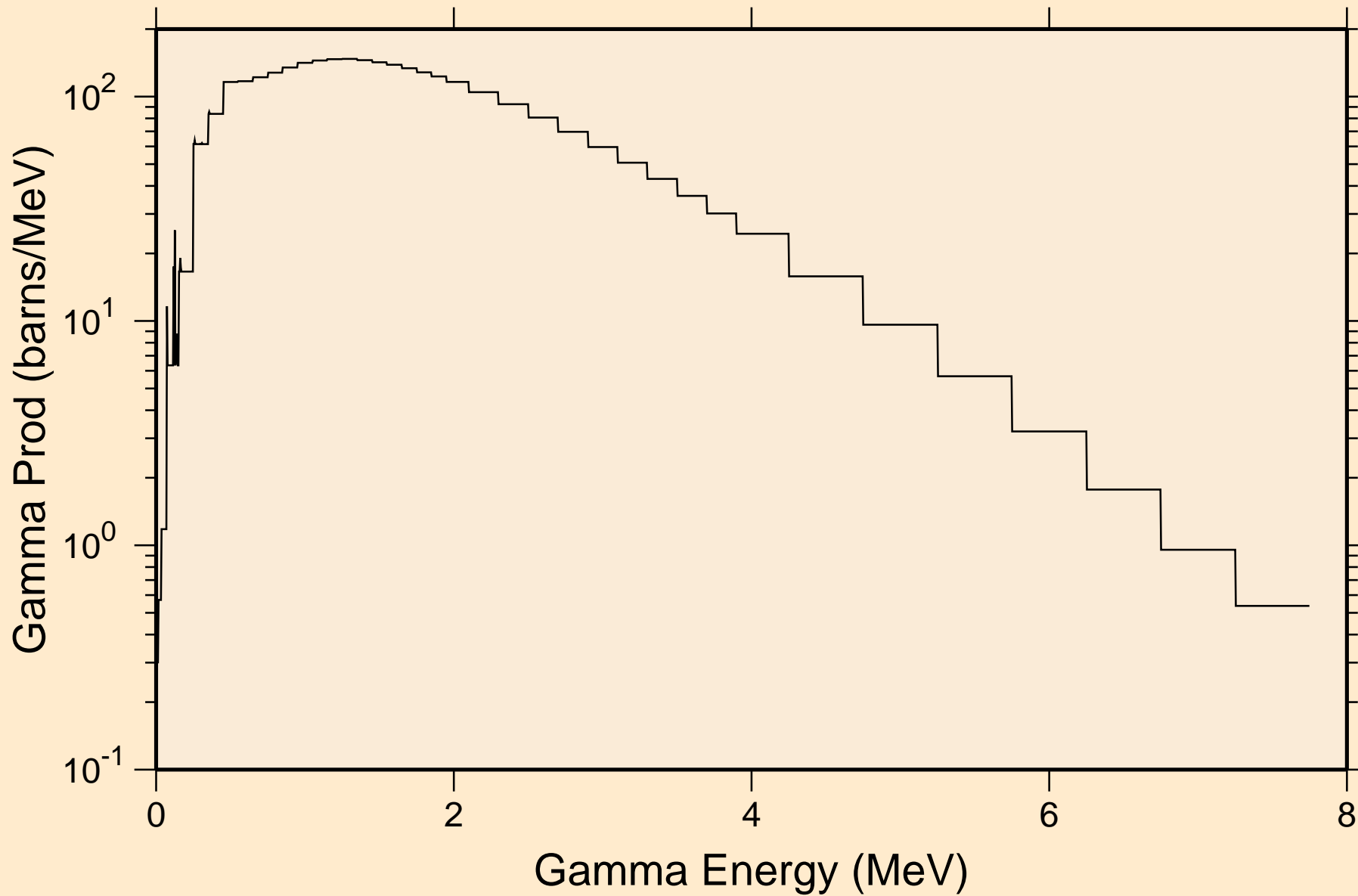
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



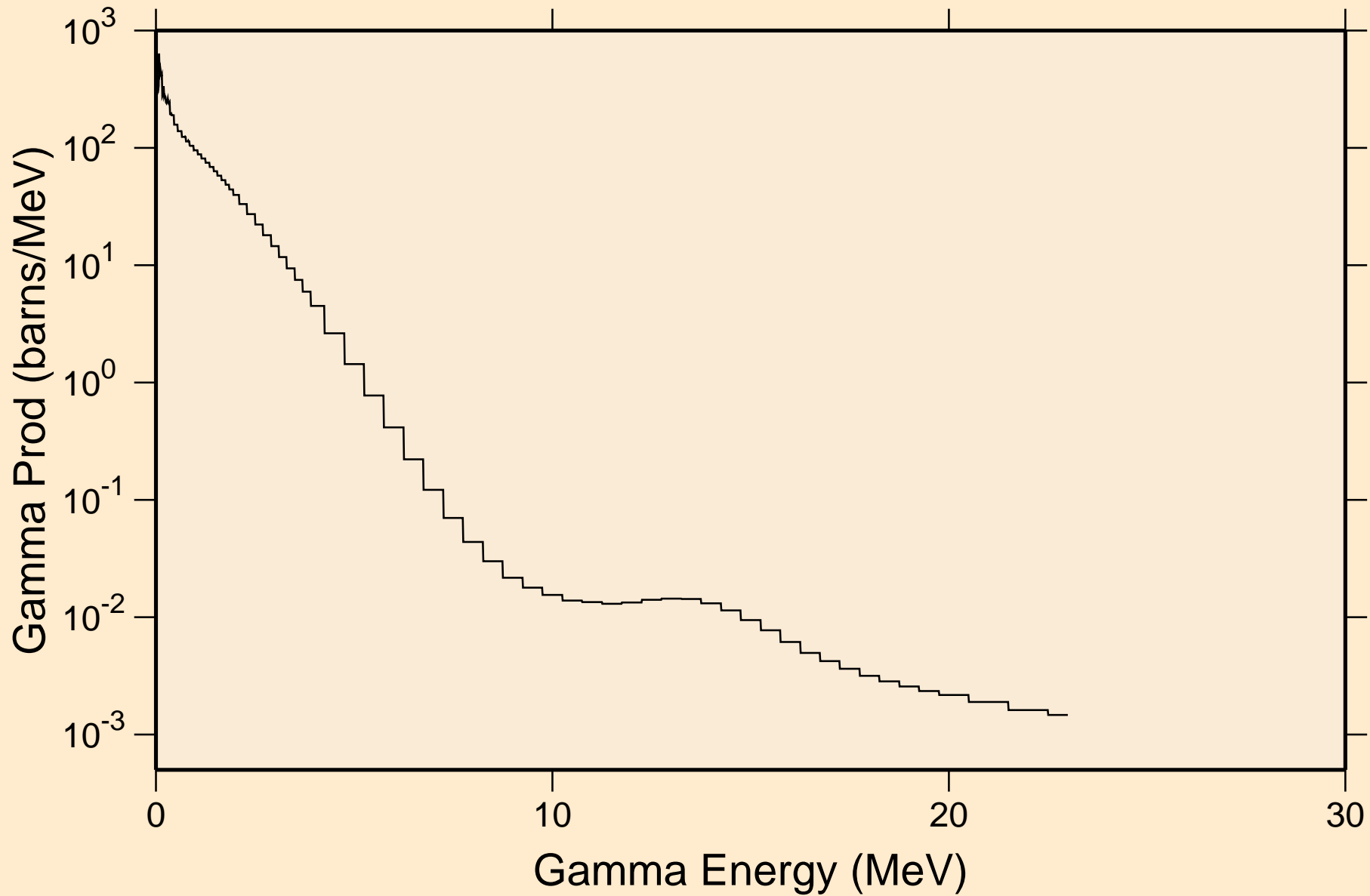
LU172 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



LU172 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

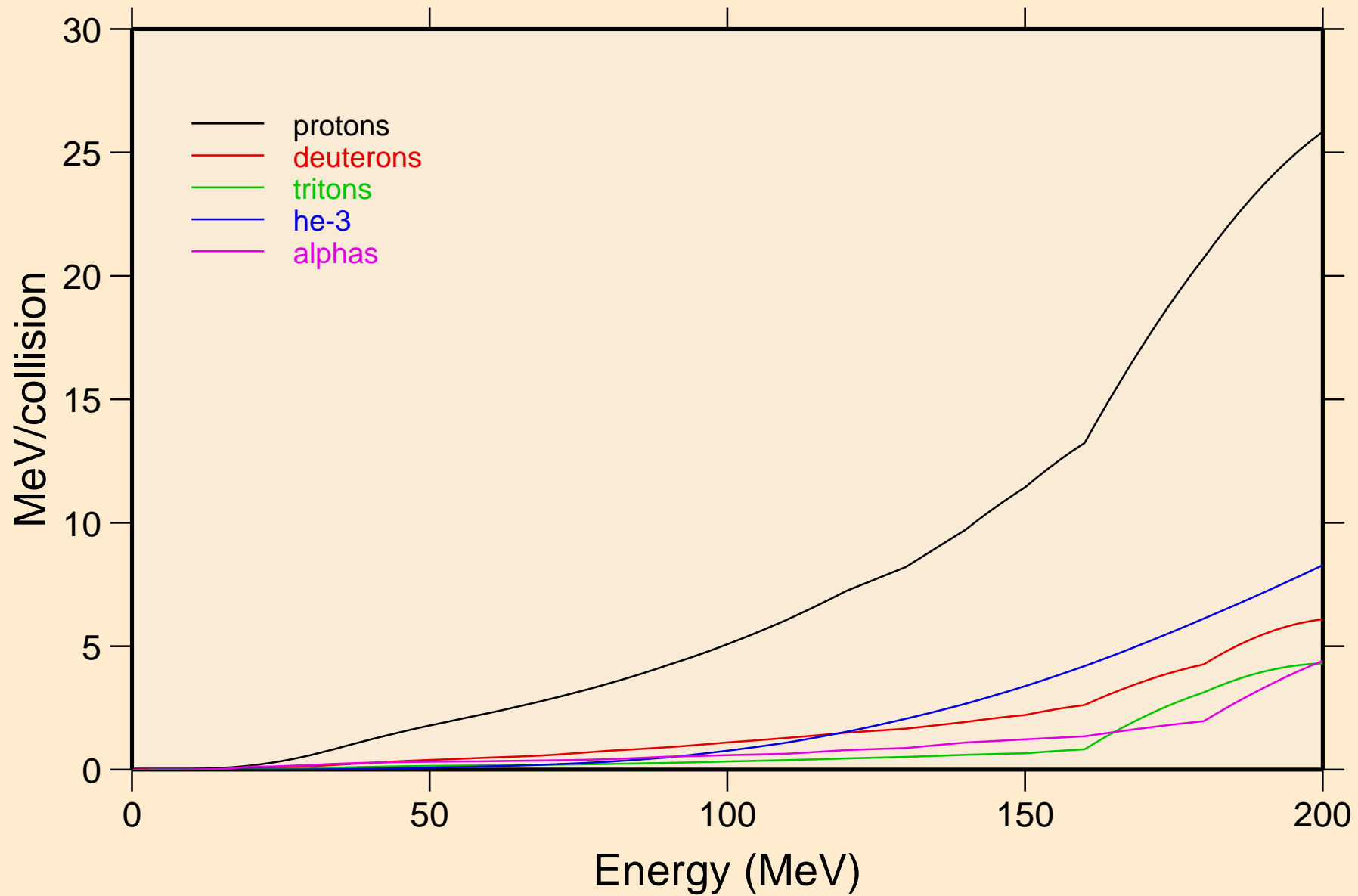


LU172 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



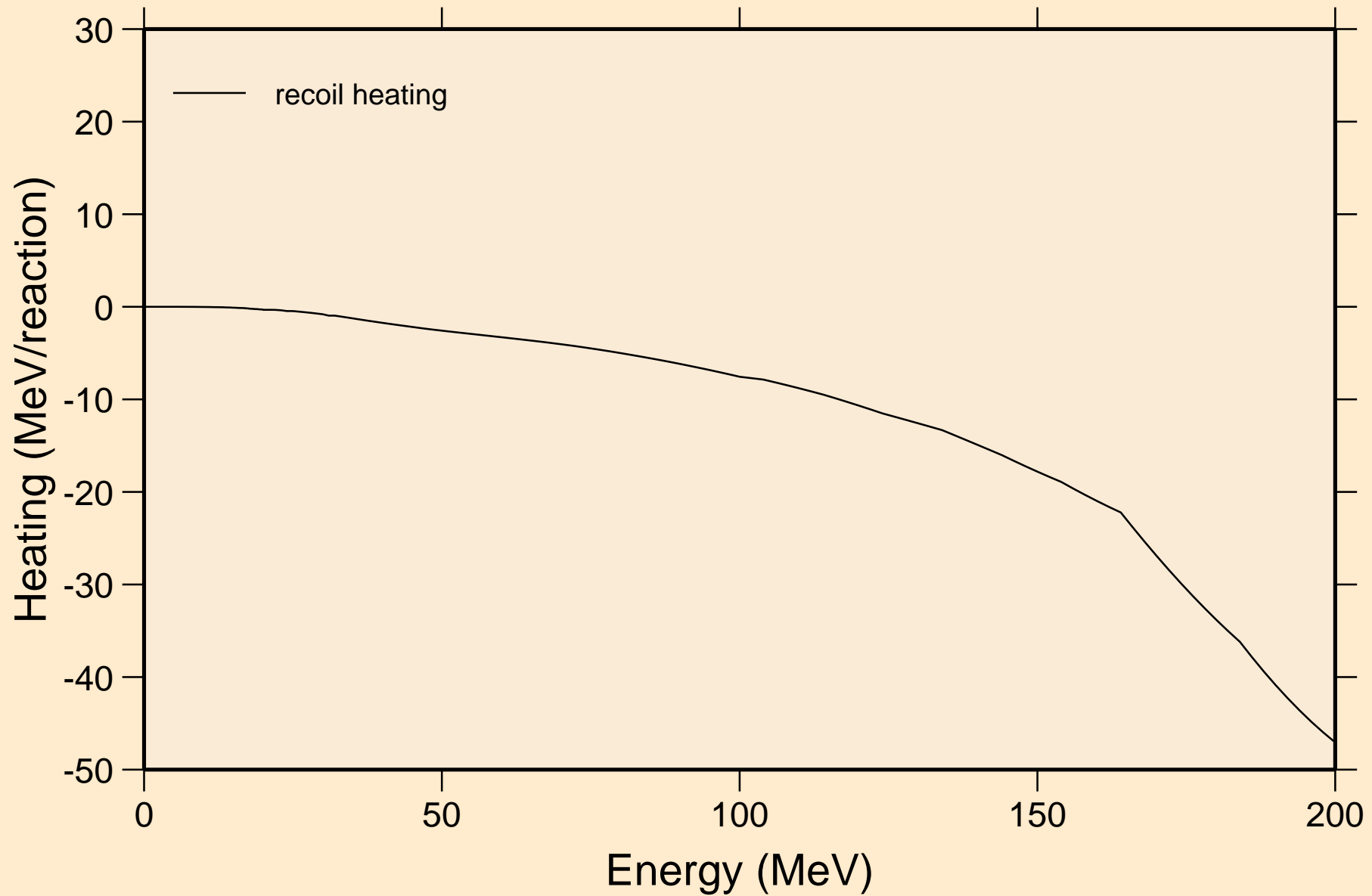
# LU172 NRG TENDL-2015, AKONING

## Particle heating contributions



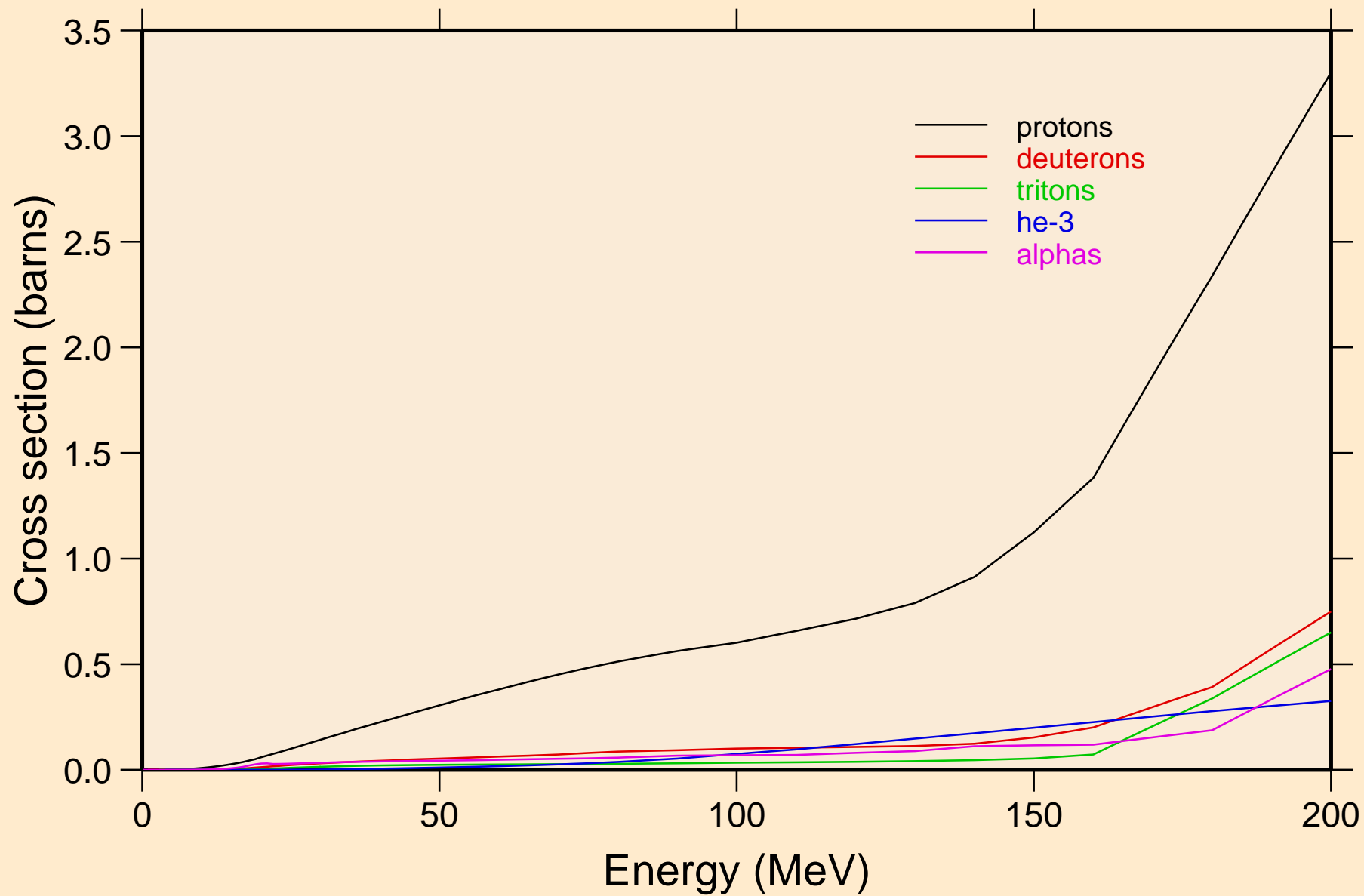
# LU172 NRG TENDL-2015, AKONING

## Recoil Heating



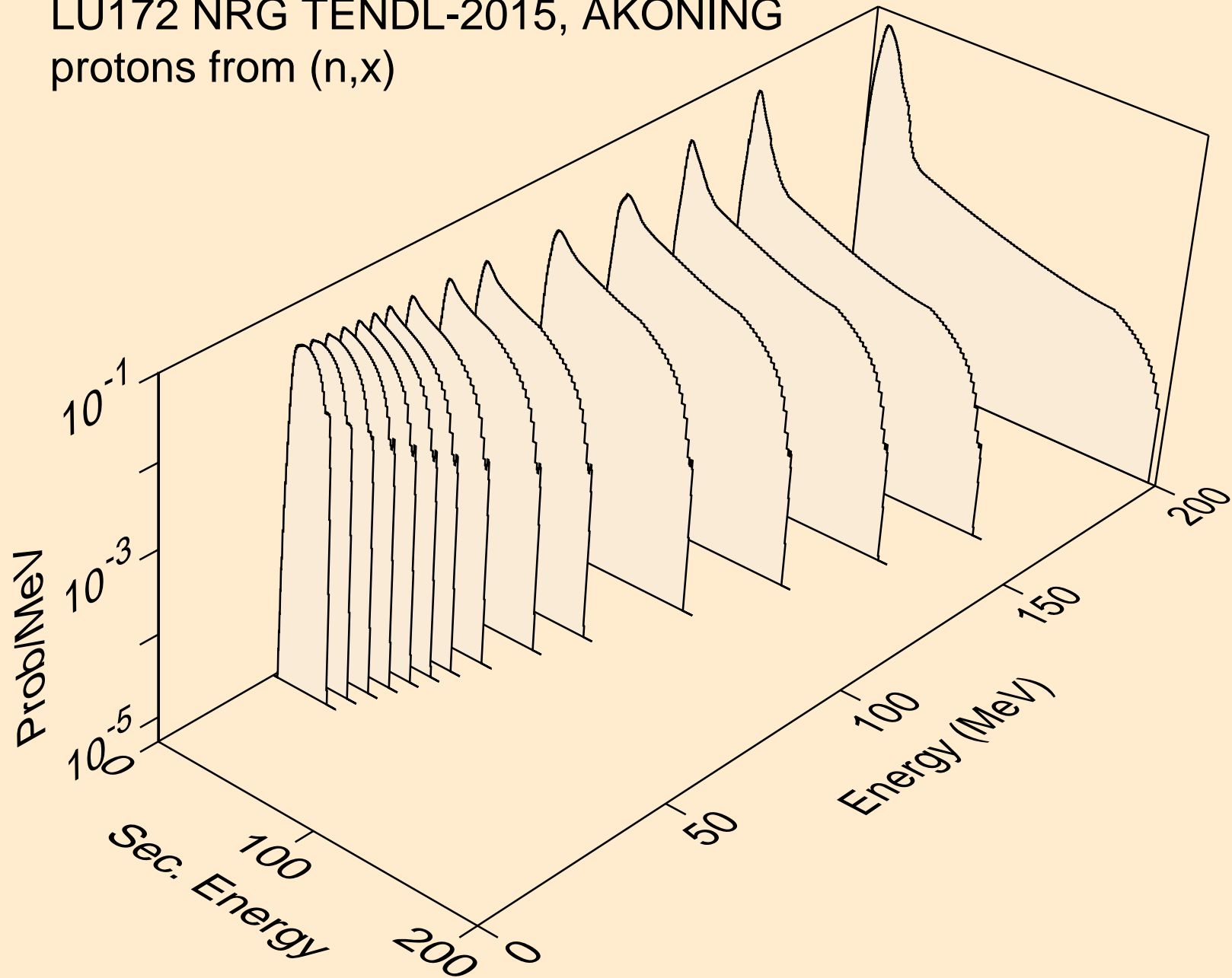
# LU172 NRG TENDL-2015, AKONING

## Particle production cross sections

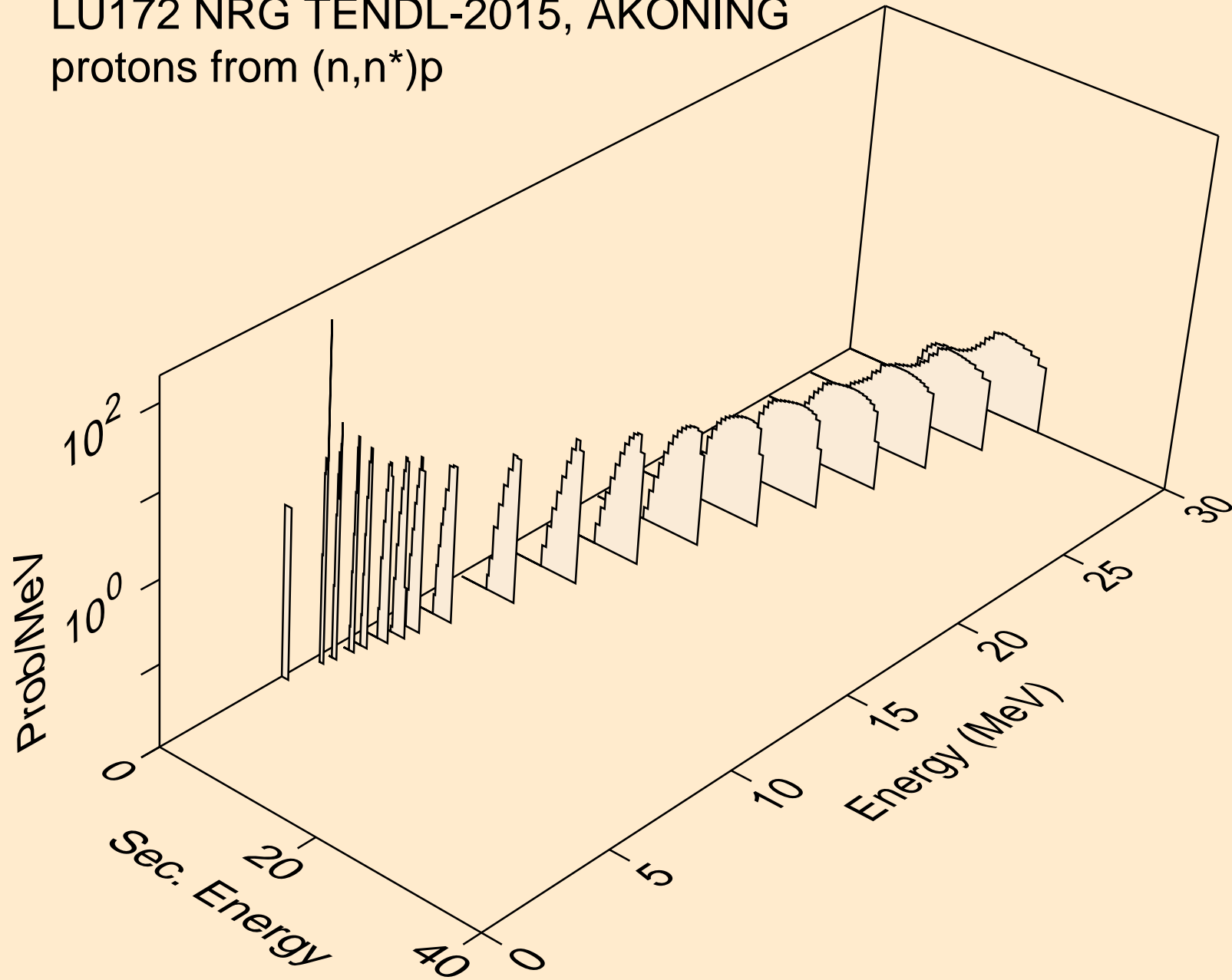




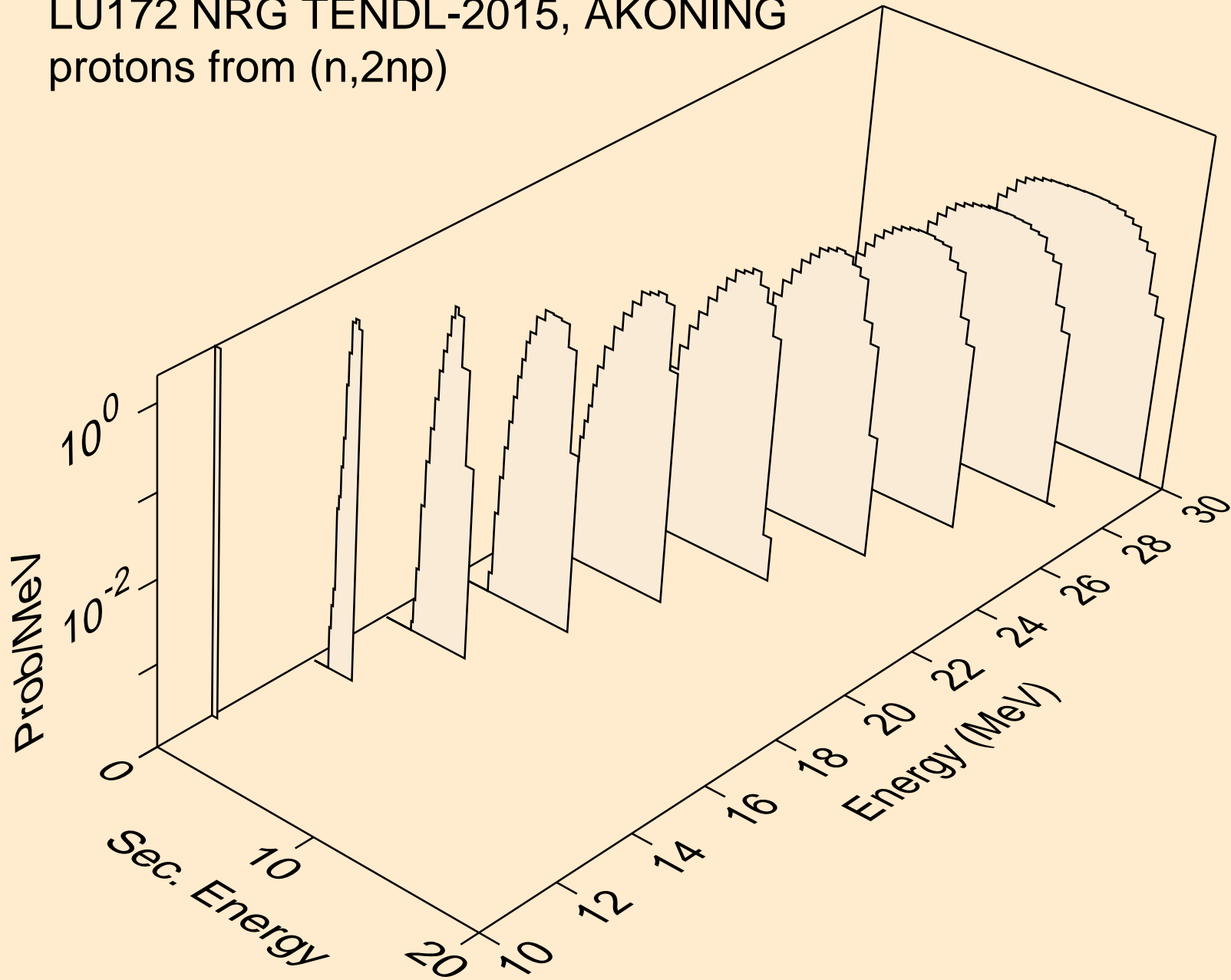
LU172 NRG TENDL-2015, AKONING  
protons from (n,x)



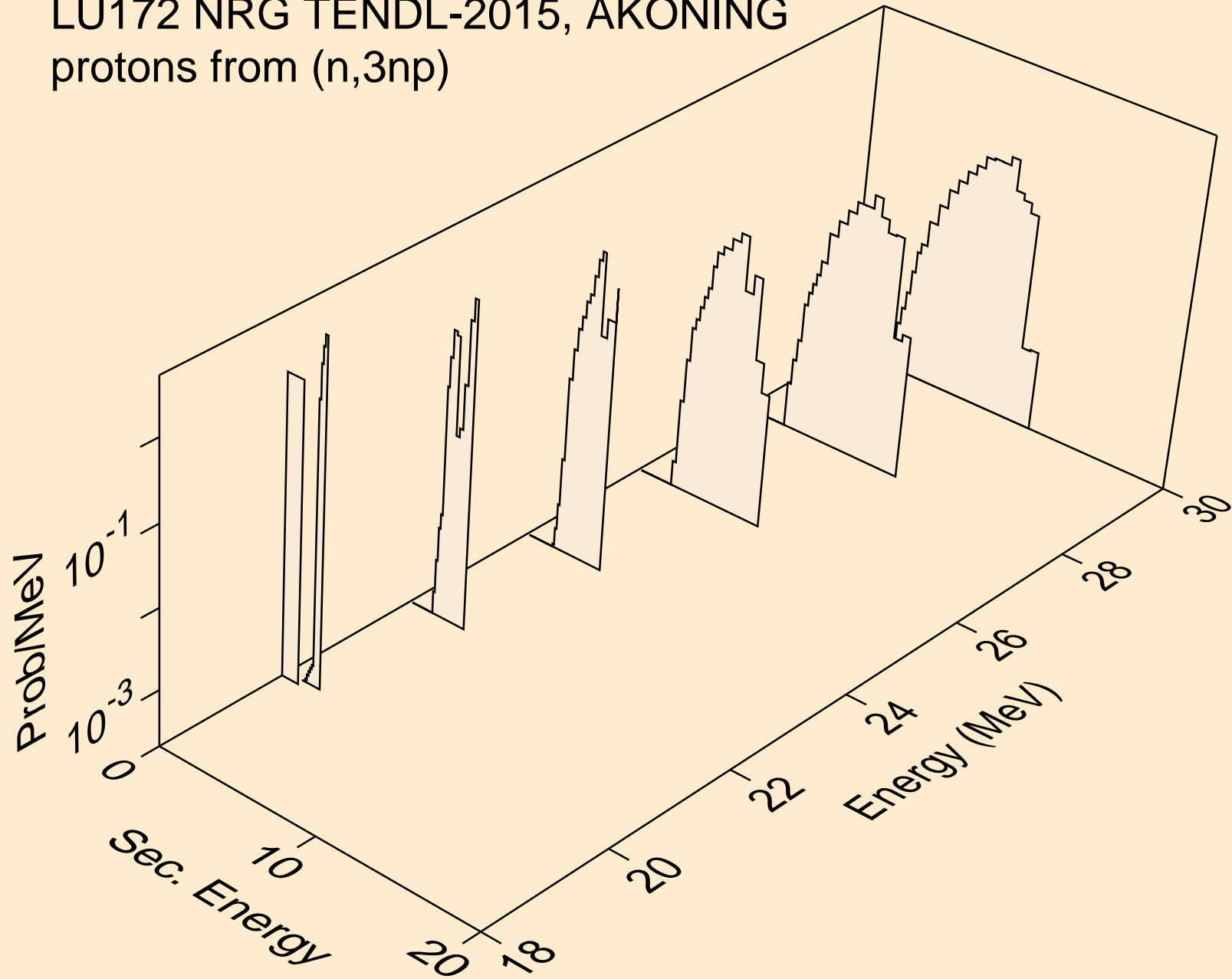
LU172 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



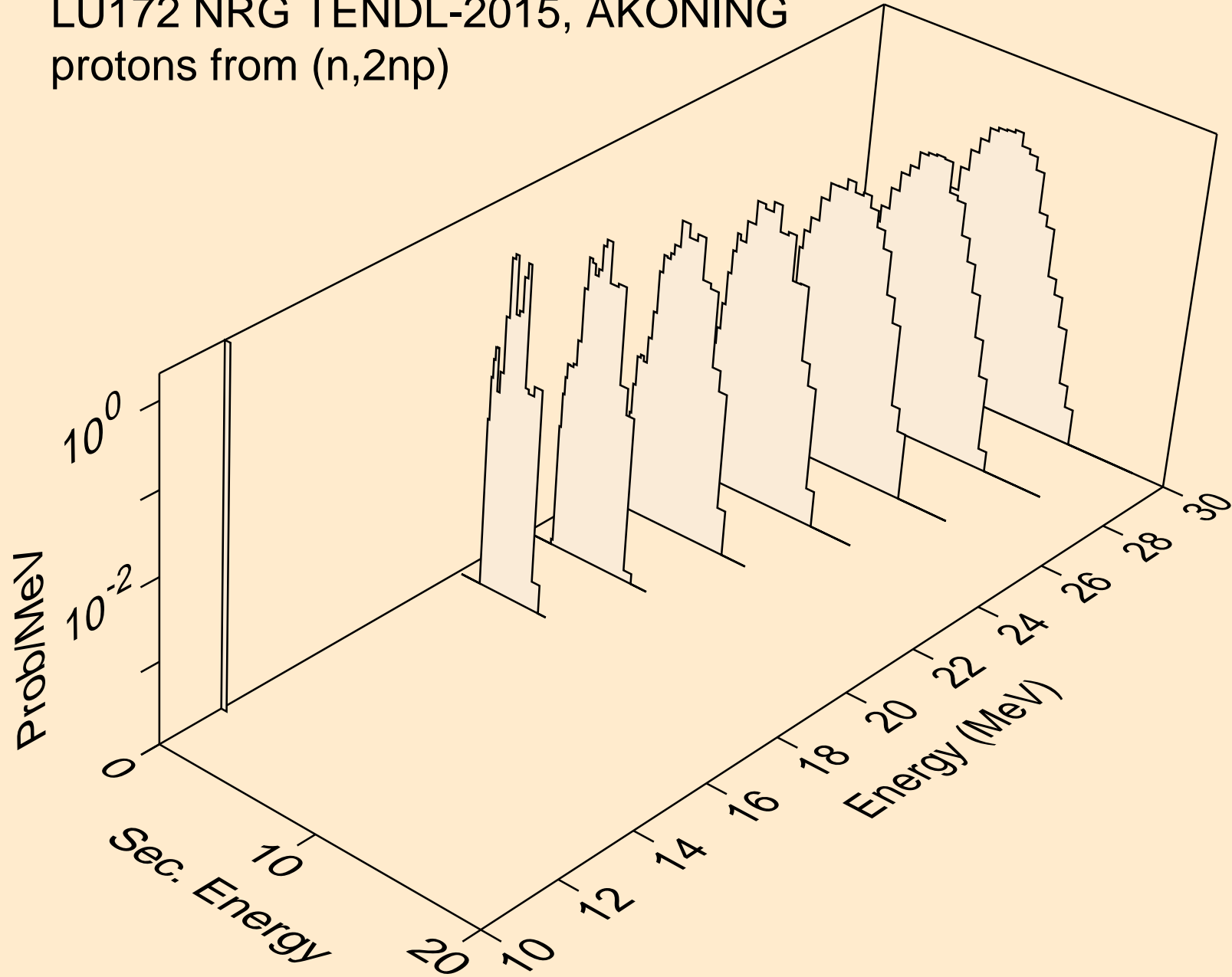
LU172 NRG TENDL-2015, AKONING  
protons from (n,2np)



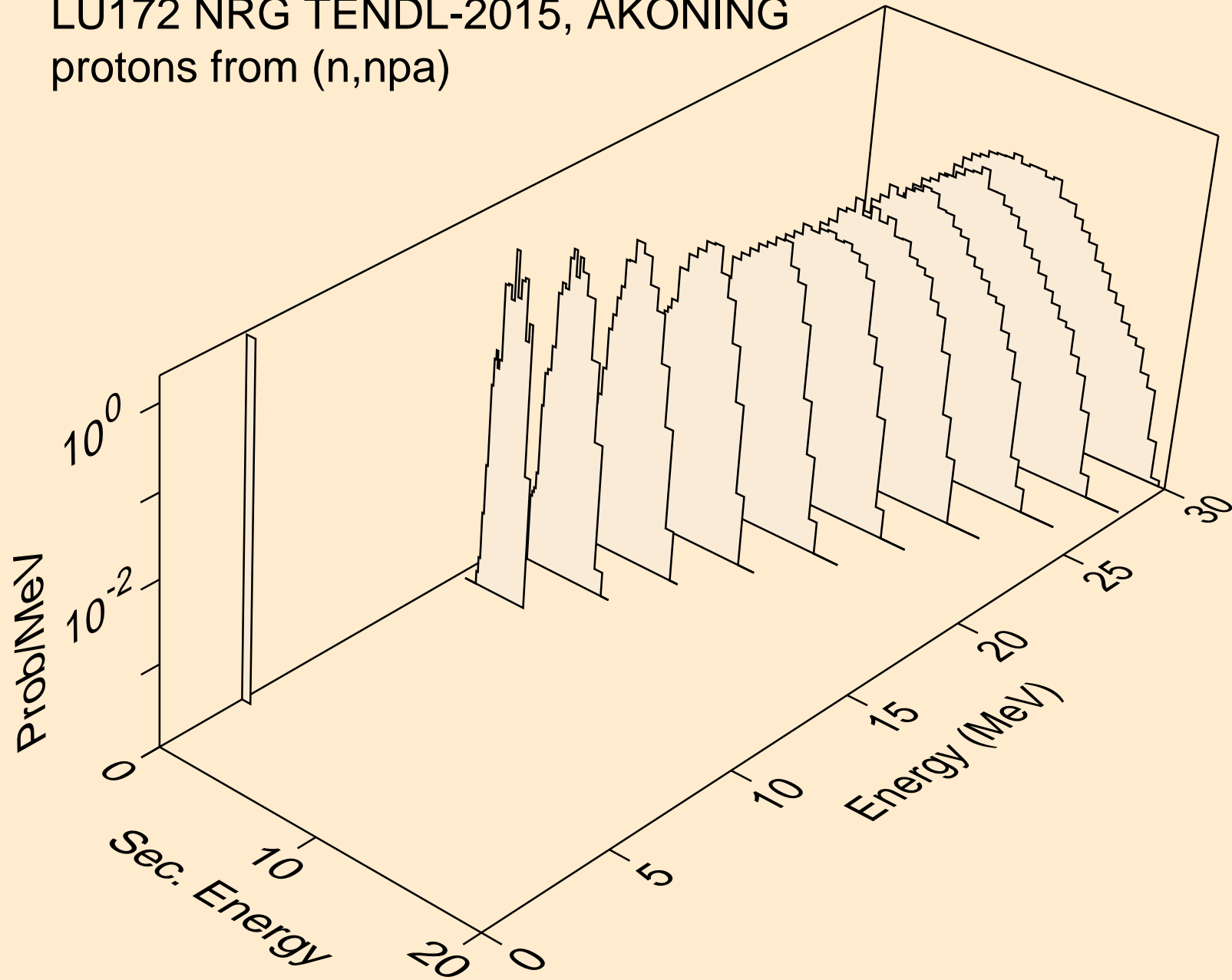
LU172 NRG TENDL-2015, AKONING  
protons from (n,3np)



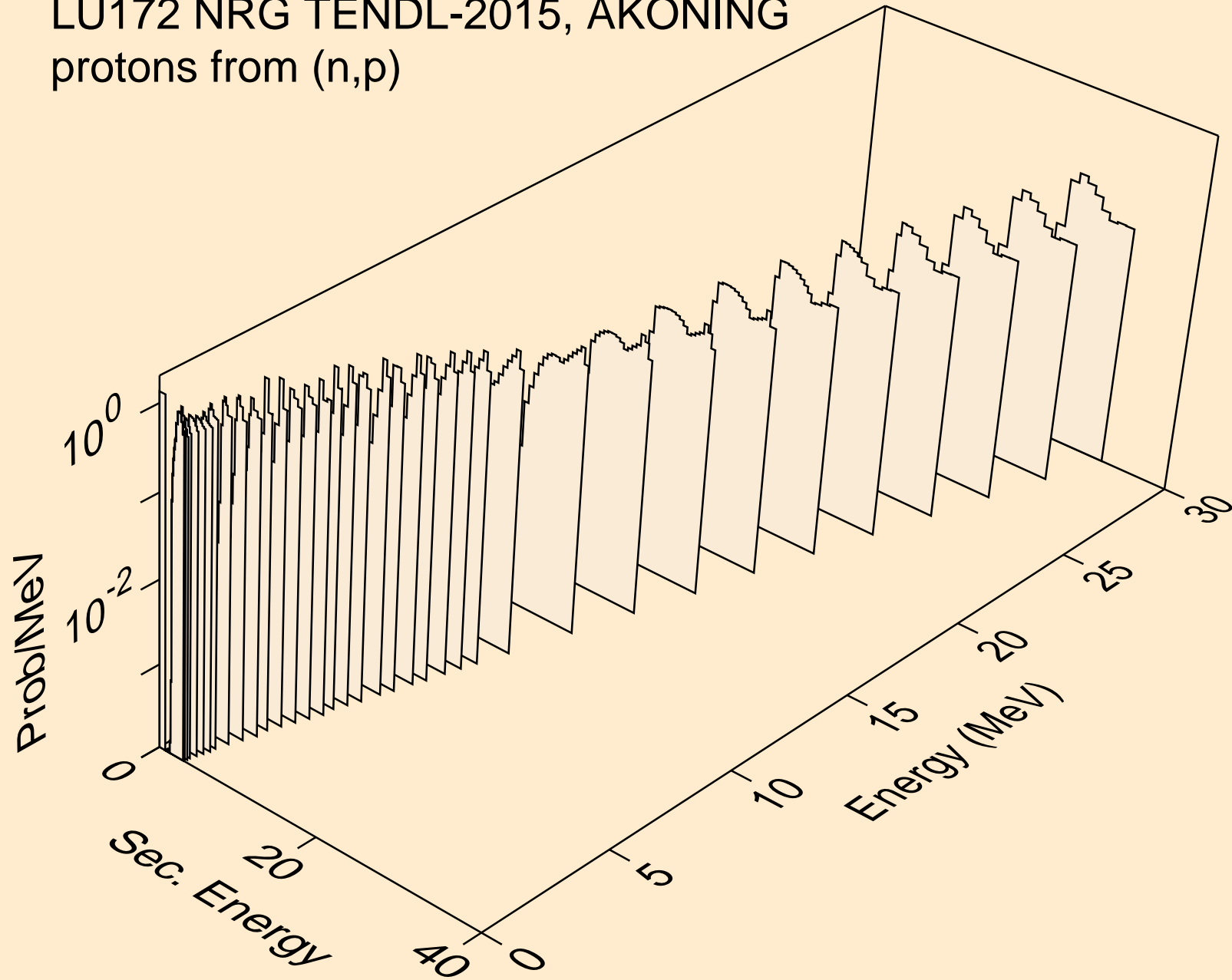
LU172 NRG TENDL-2015, AKONING  
protons from (n,2np)



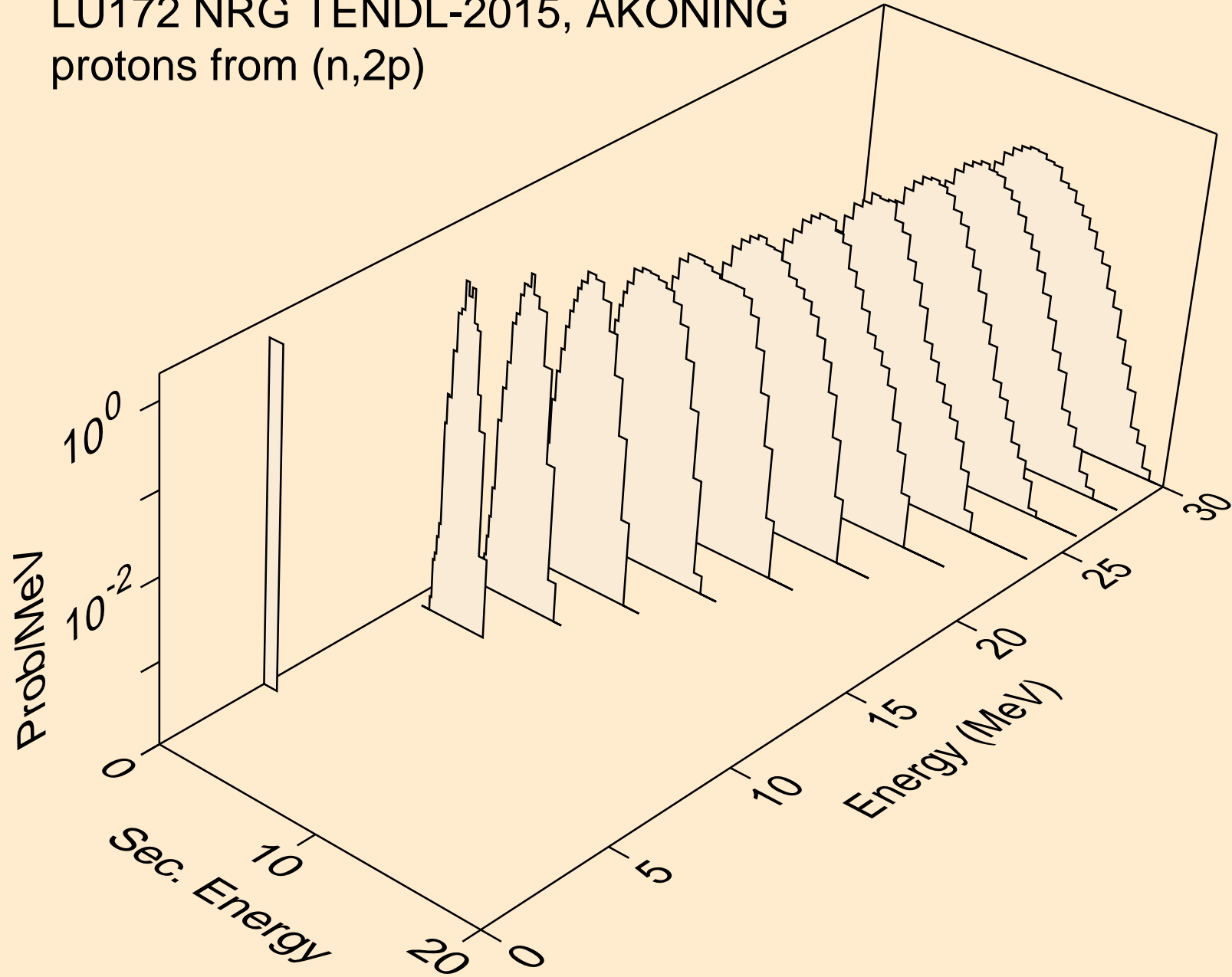
LU172 NRG TENDL-2015, AKONING  
protons from (n,npa)



LU172 NRG TENDL-2015, AKONING  
protons from (n,p)

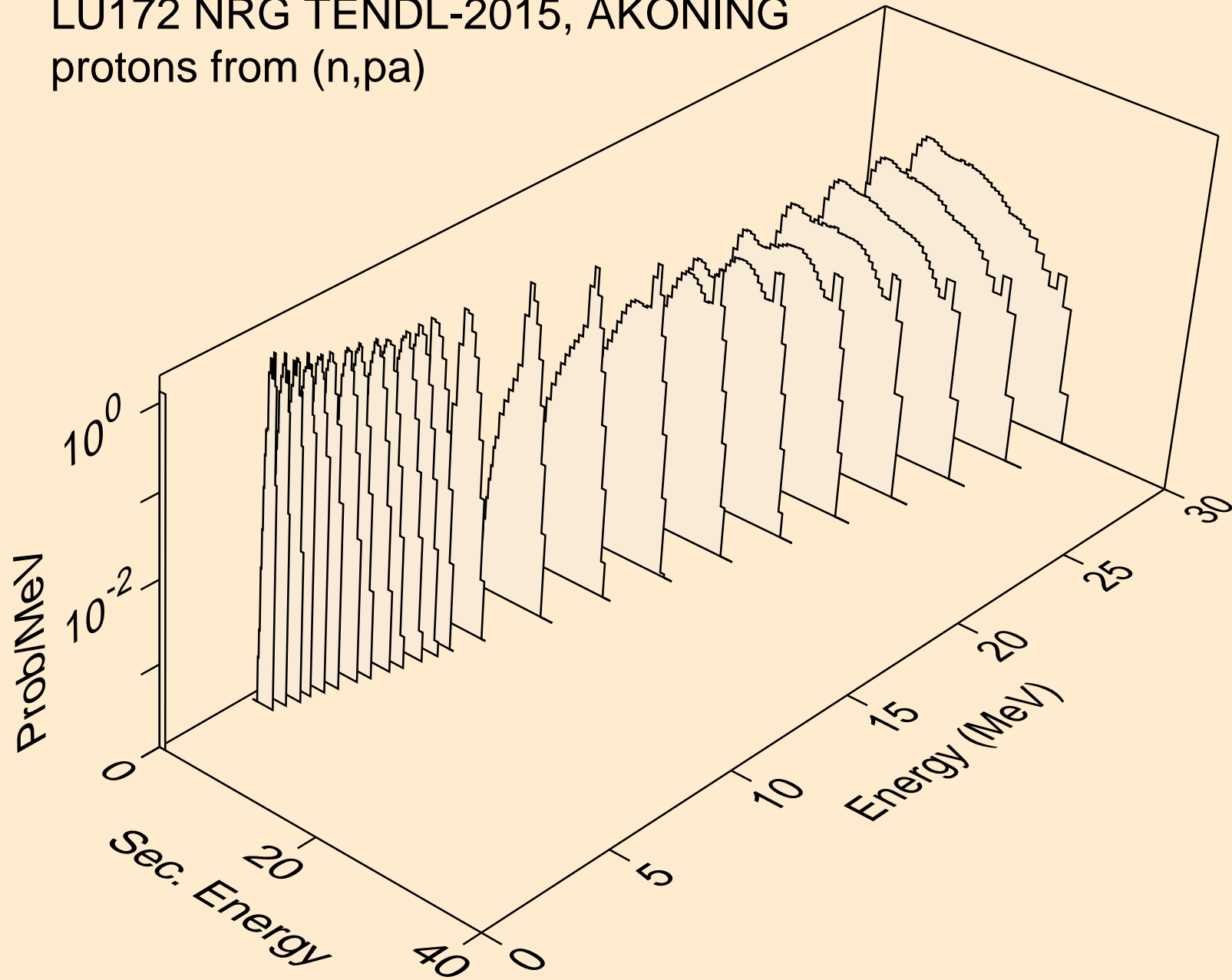


LU172 NRG TENDL-2015, AKONING  
protons from (n,2p)

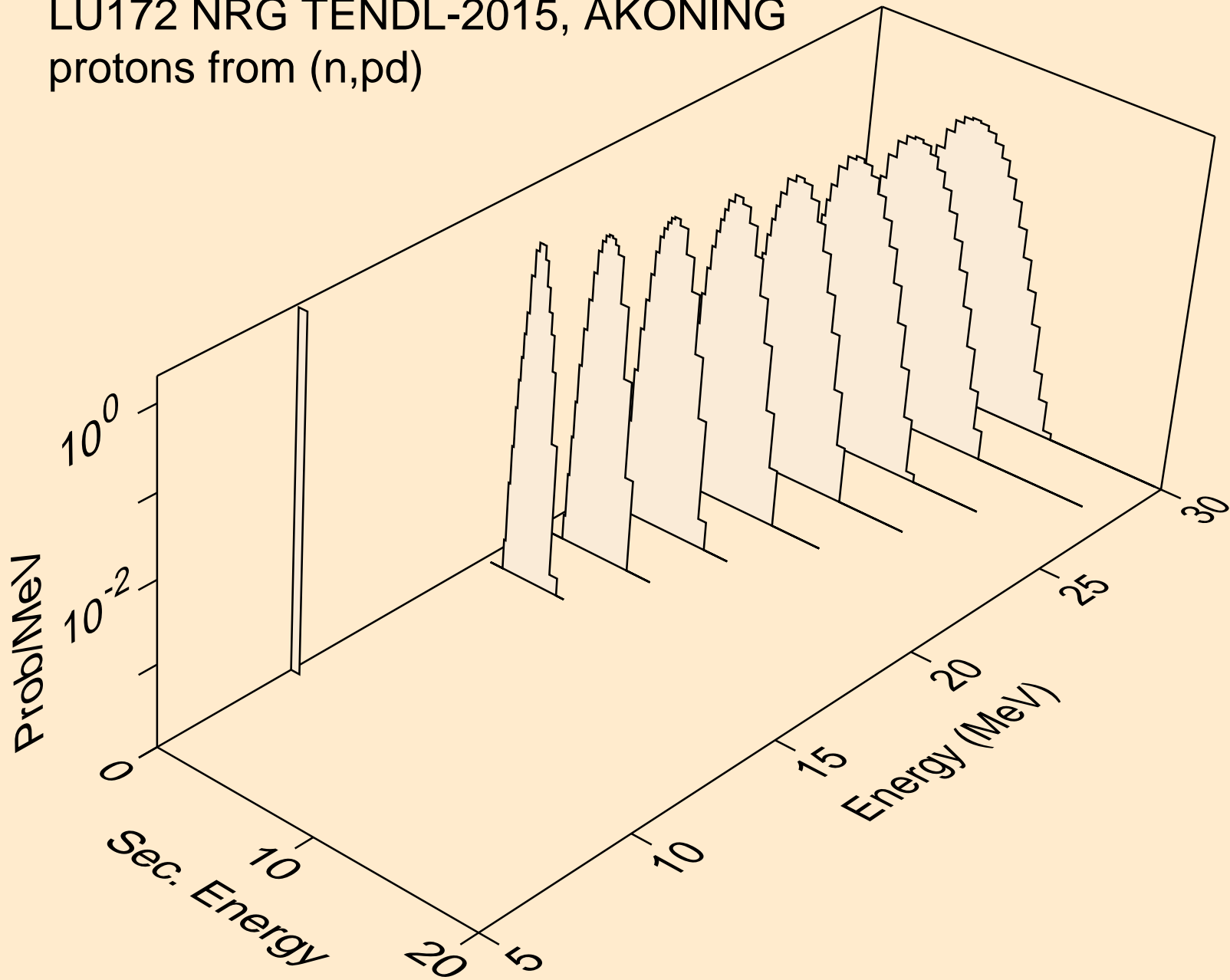




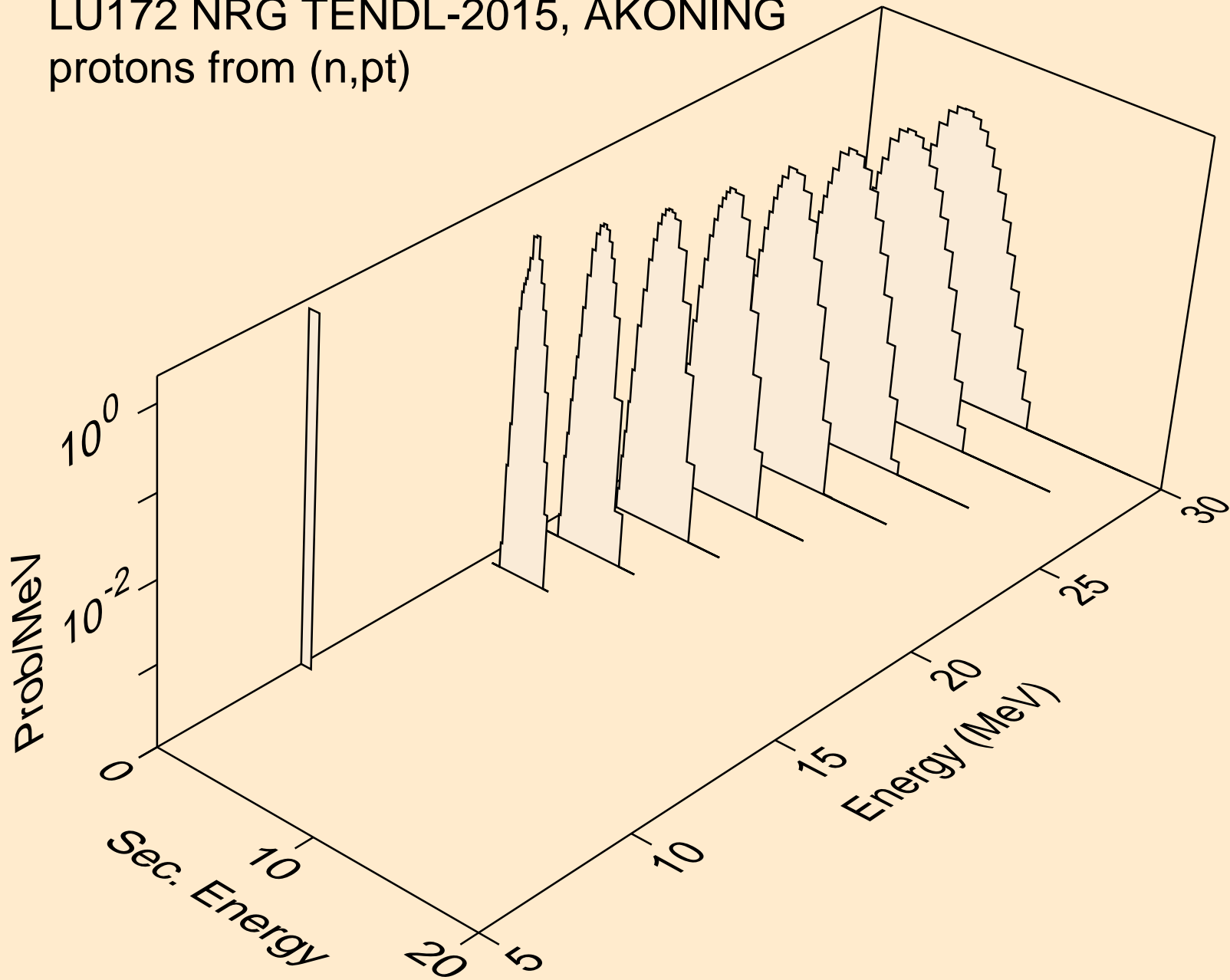
LU172 NRG TENDL-2015, AKONING  
protons from (n,pa)



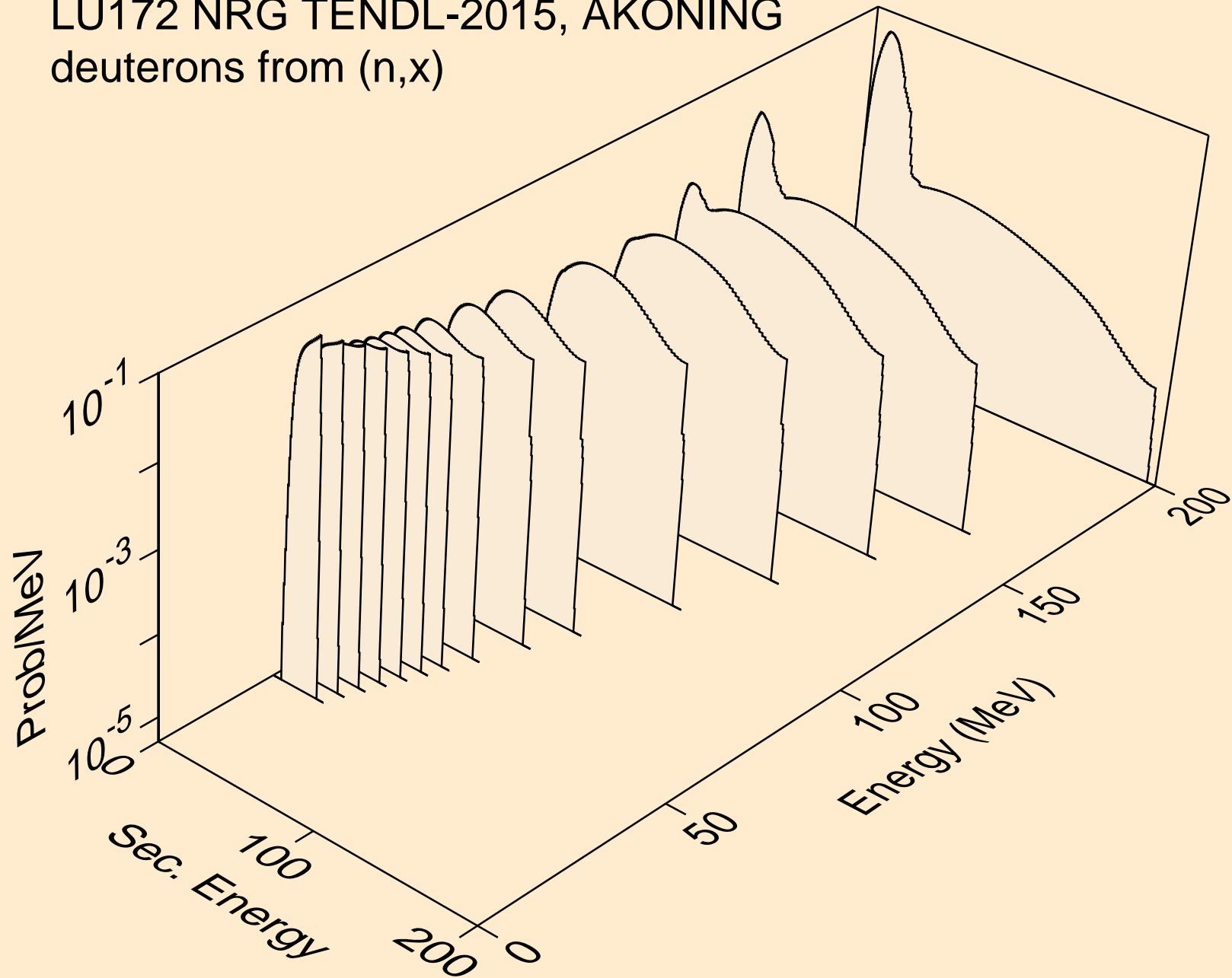
LU172 NRG TENDL-2015, AKONING  
protons from (n,pd)



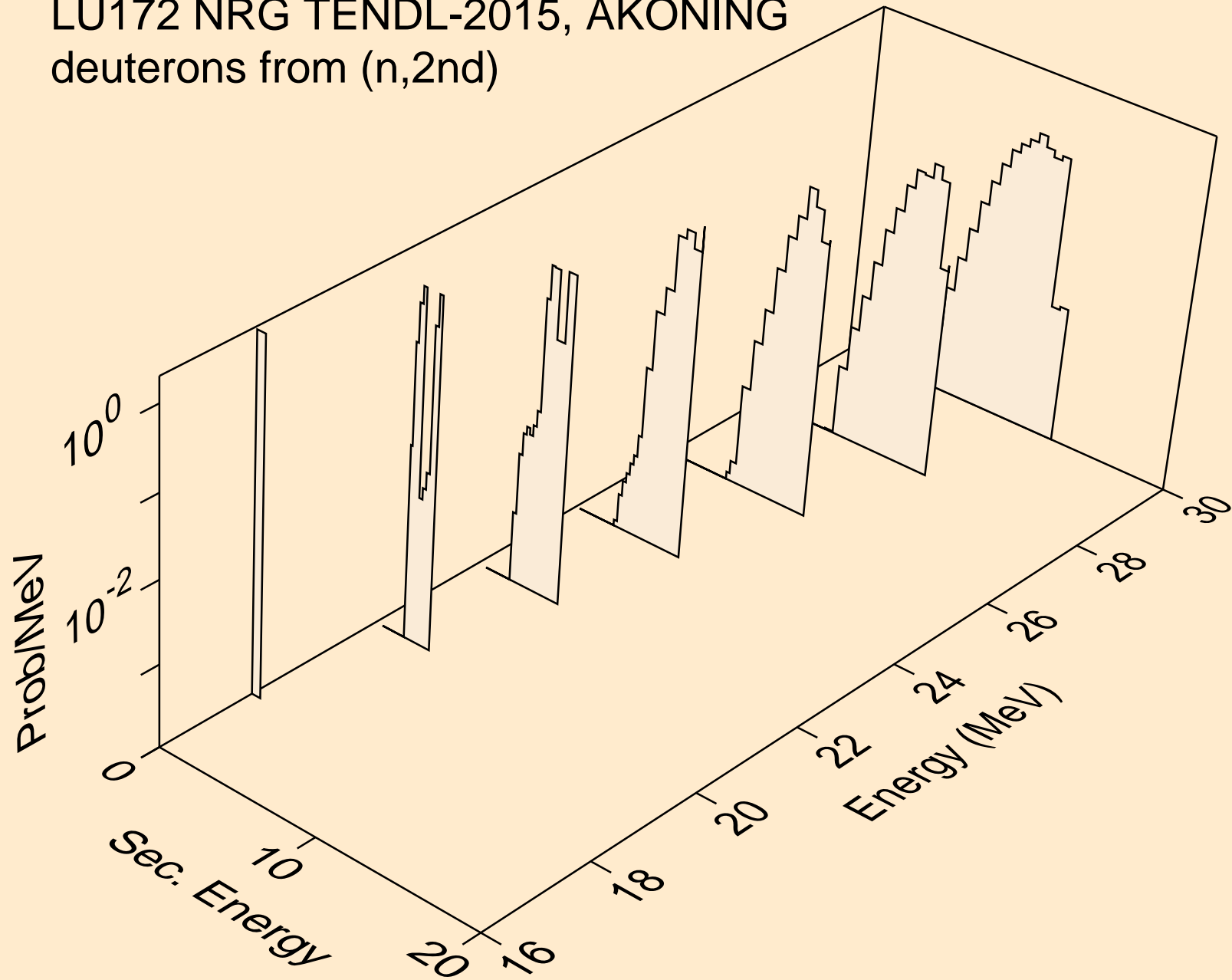
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protons from (n,pt)



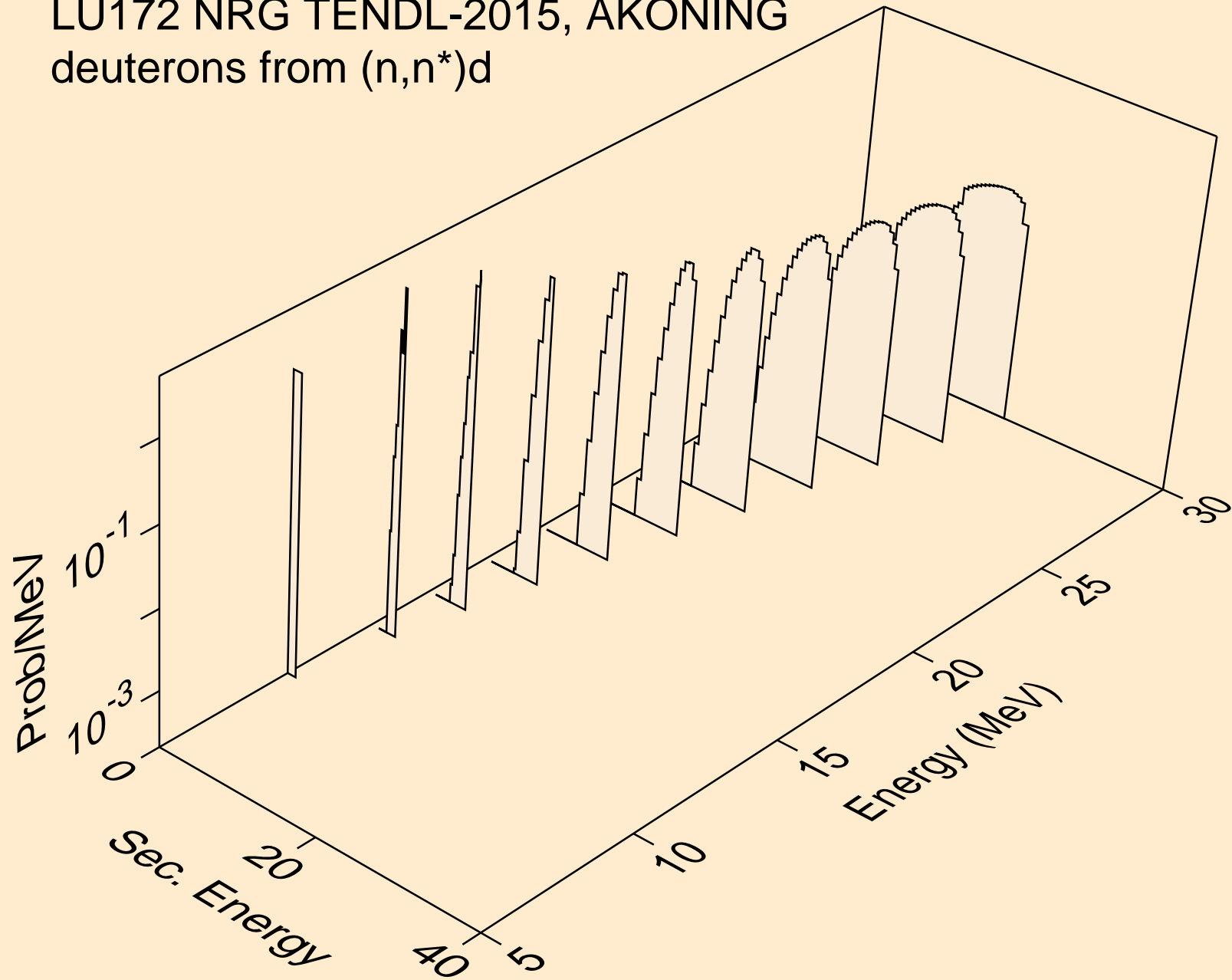
LU172 NRG TENDL-2015, AKONING  
deuterons from (n,x)



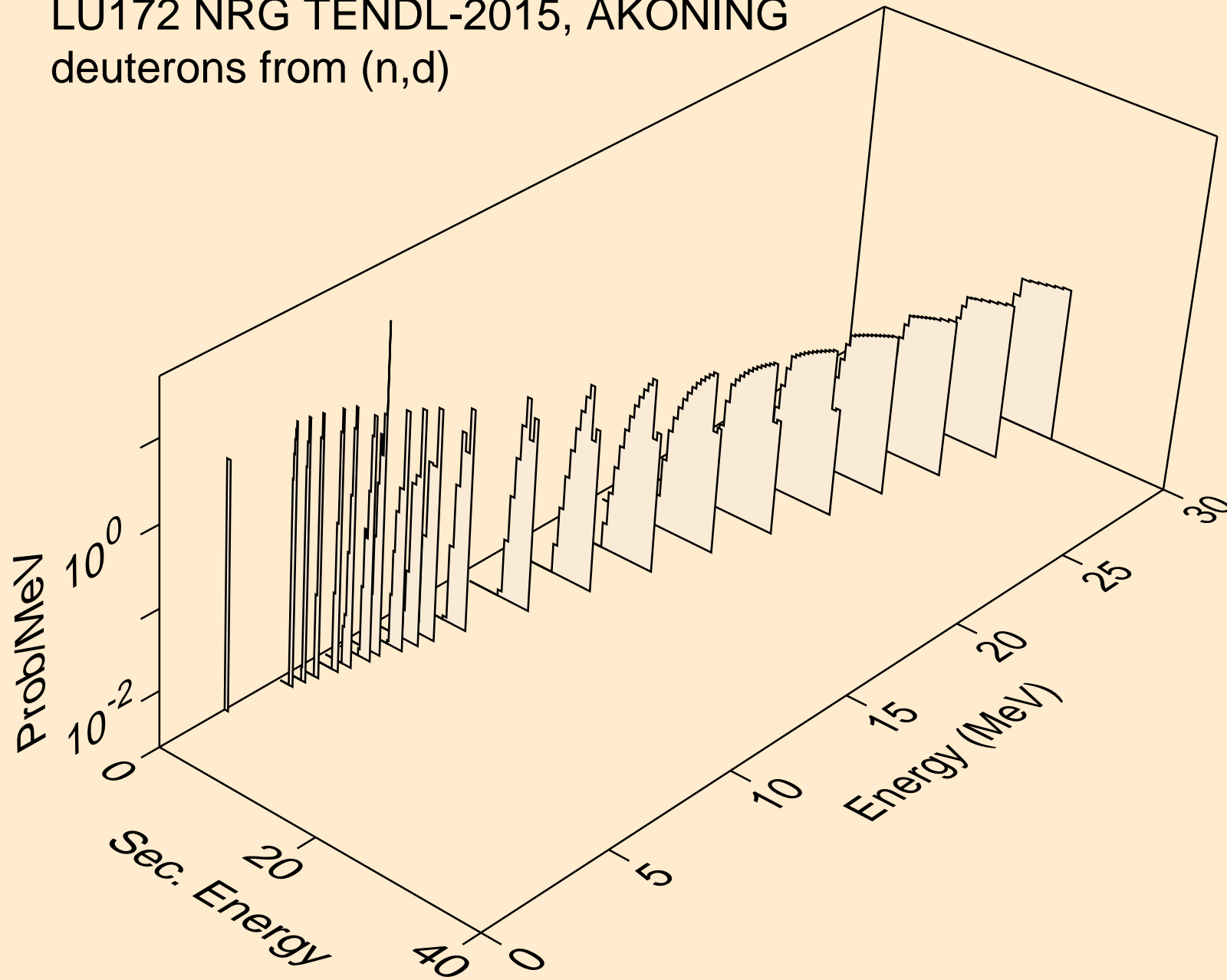
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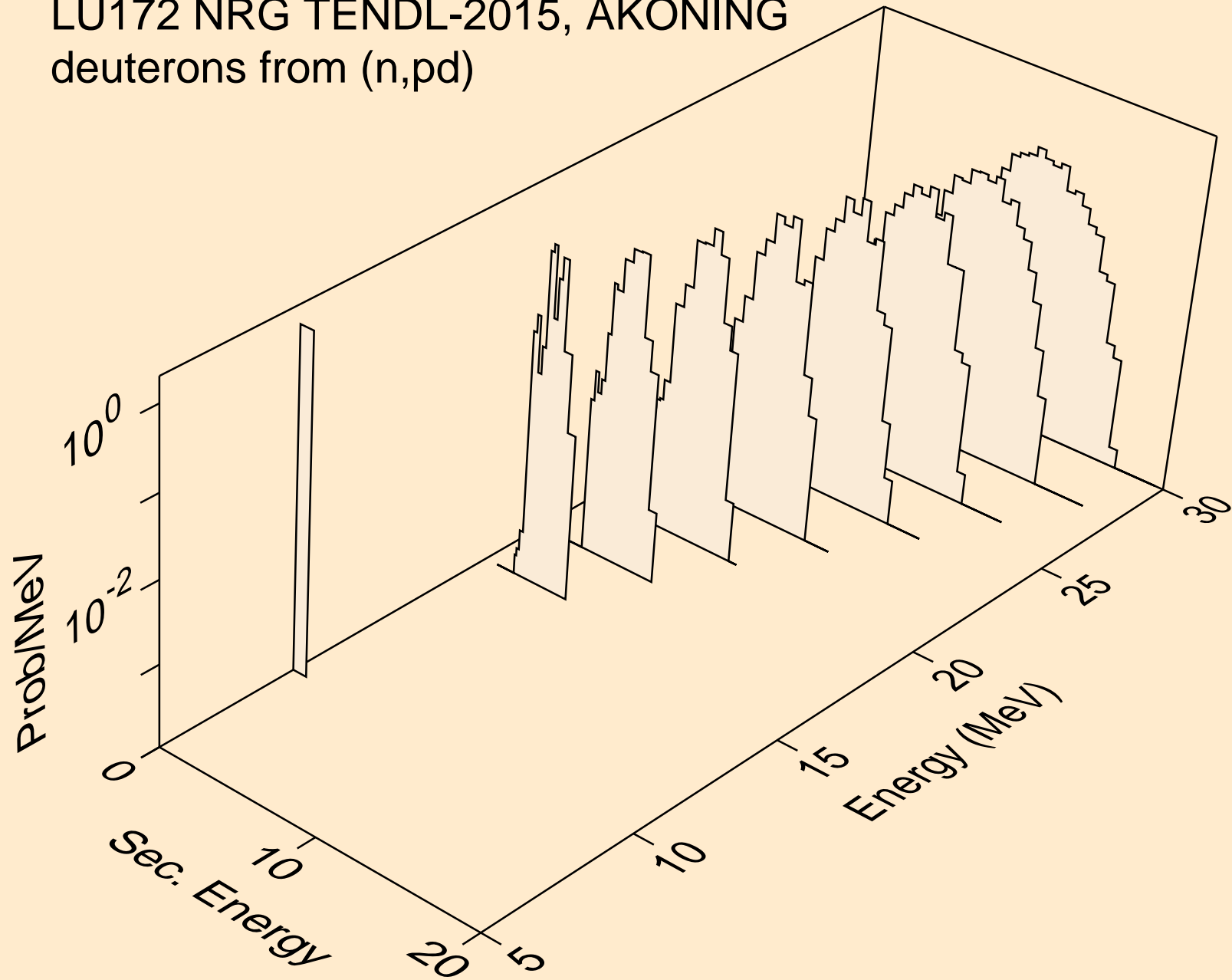
LU172 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



LU172 NRG TENDL-2015, AKONING  
deuterons from (n,d)

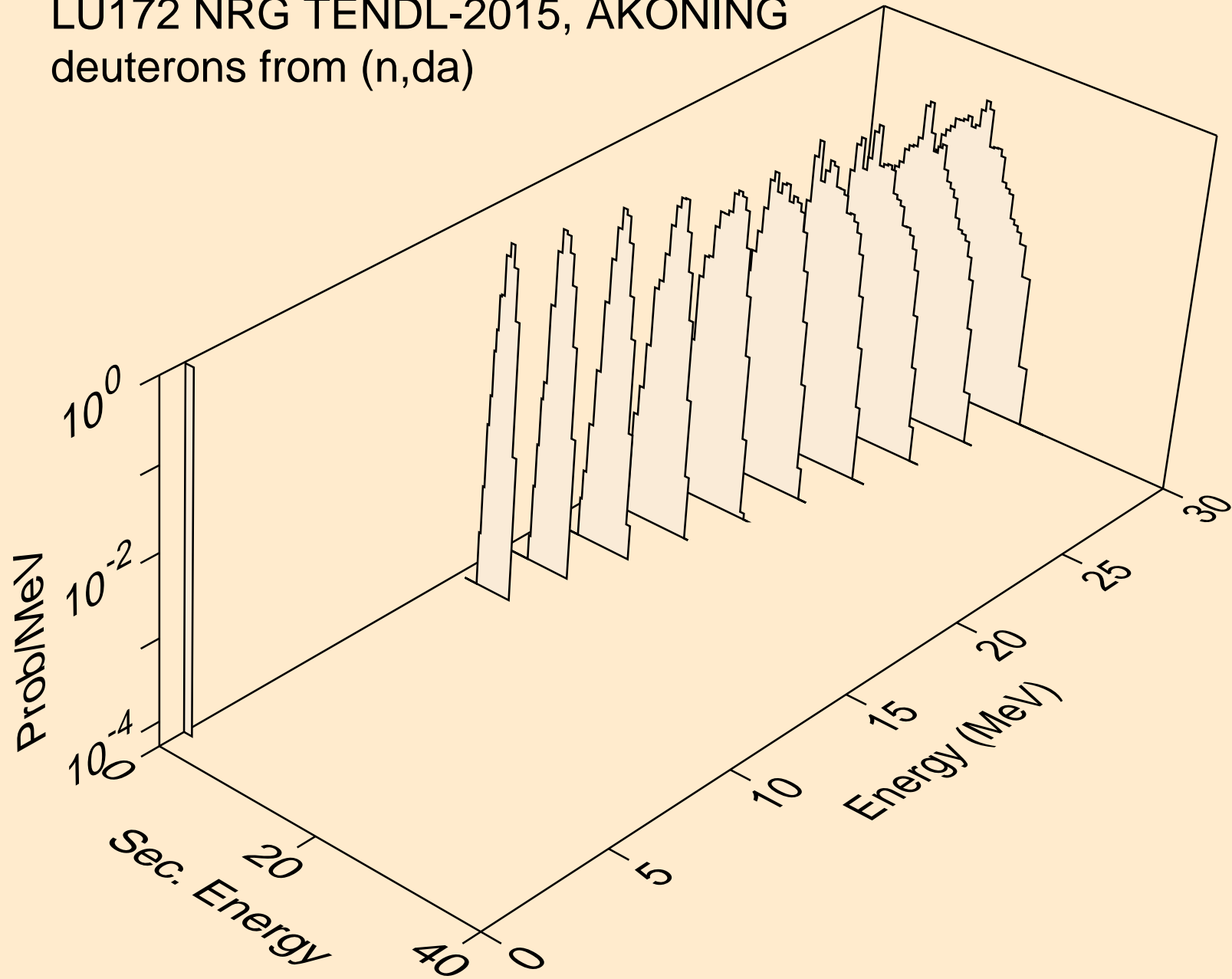


LU172 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

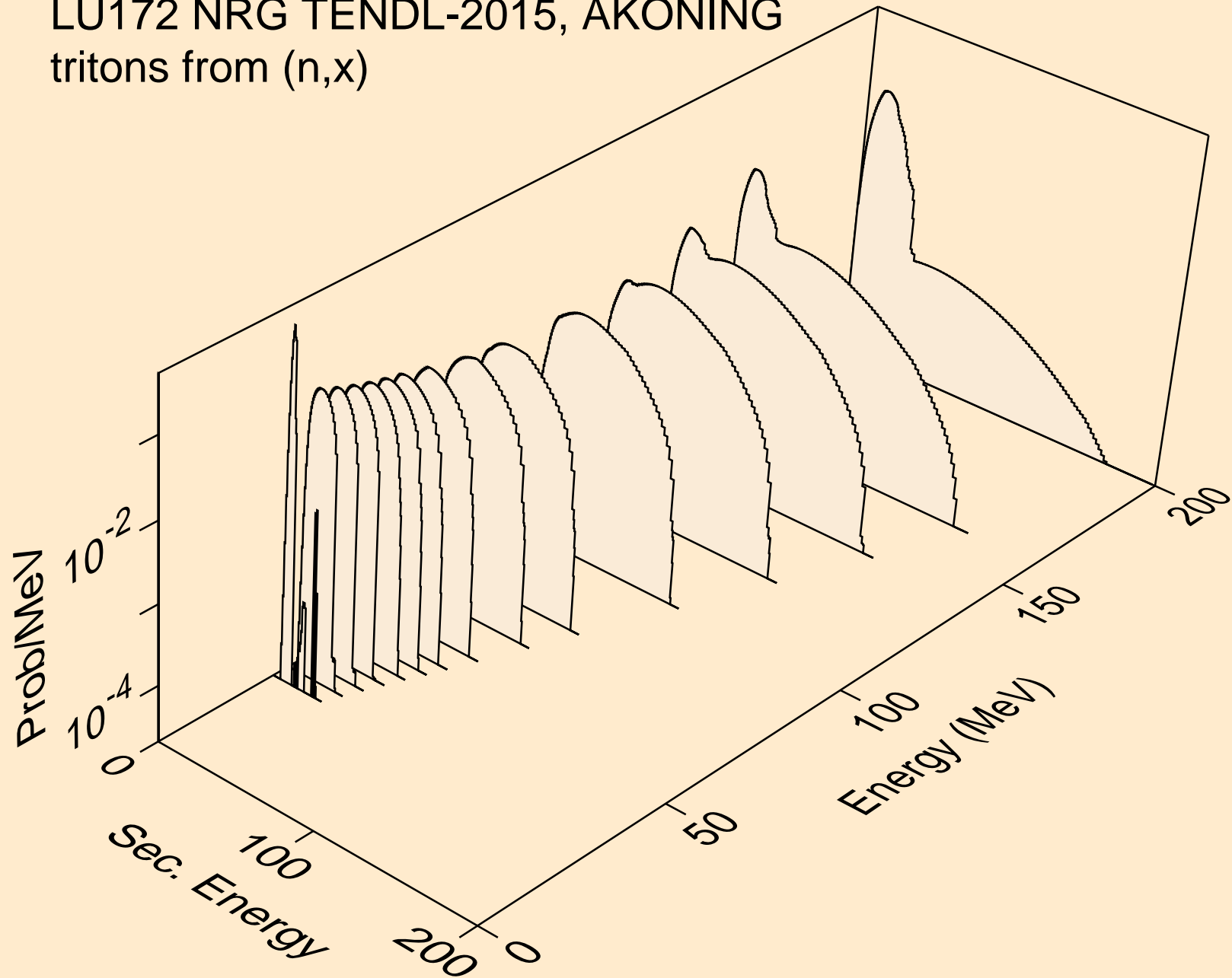




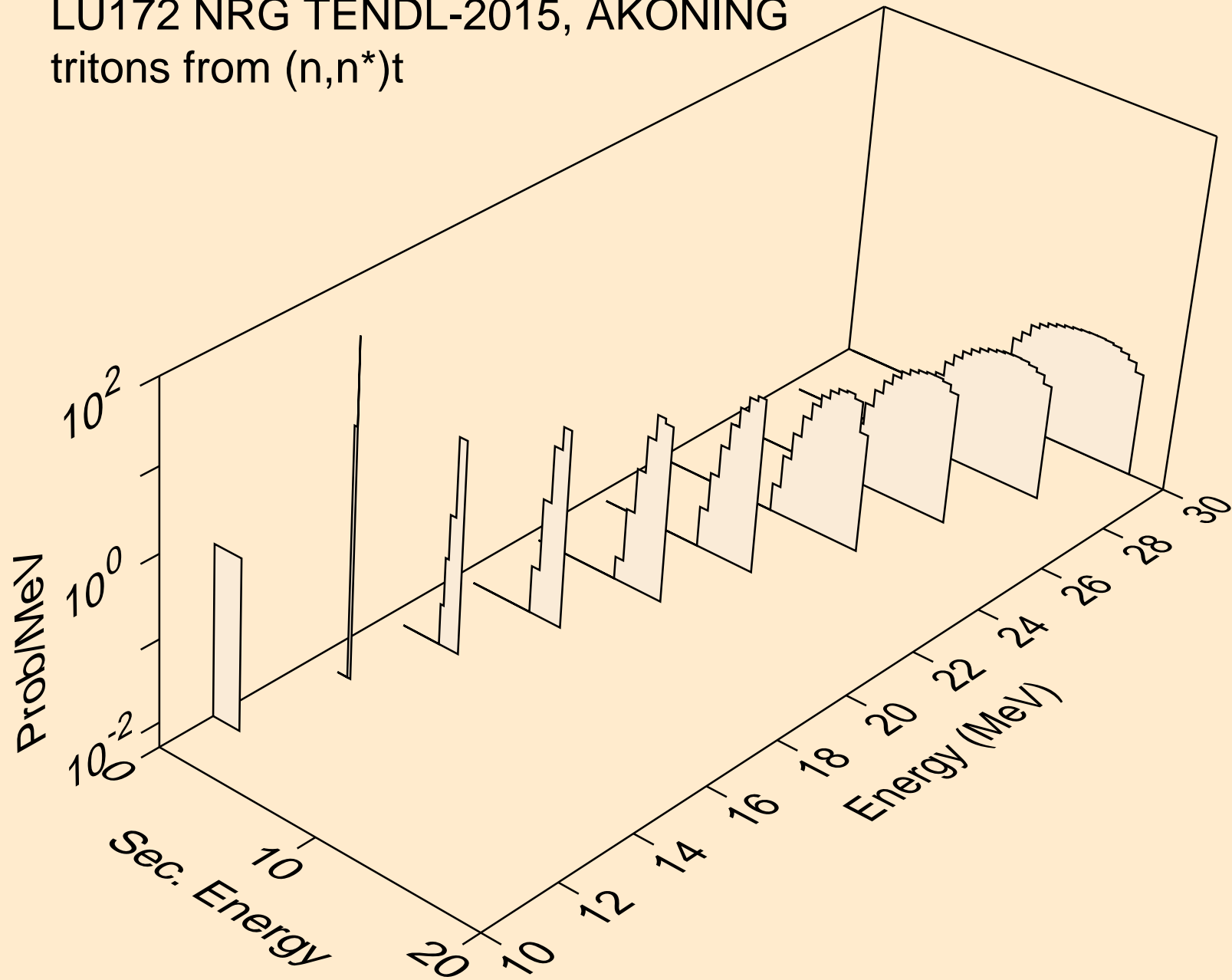
LU172 NRG TENDL-2015, AKONING  
deuterons from (n,da)



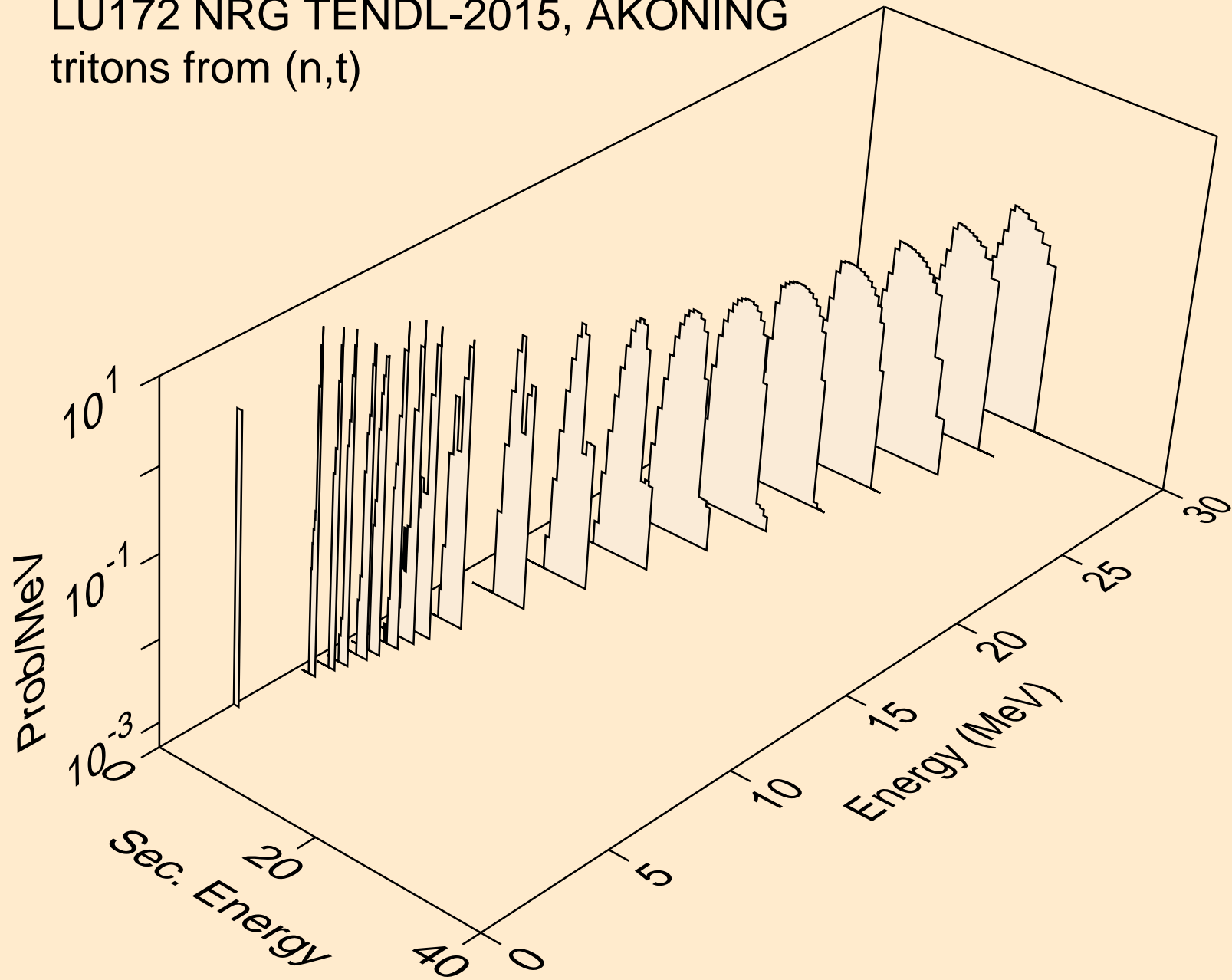
LU172 NRG TENDL-2015, AKONING  
tritons from (n,x)



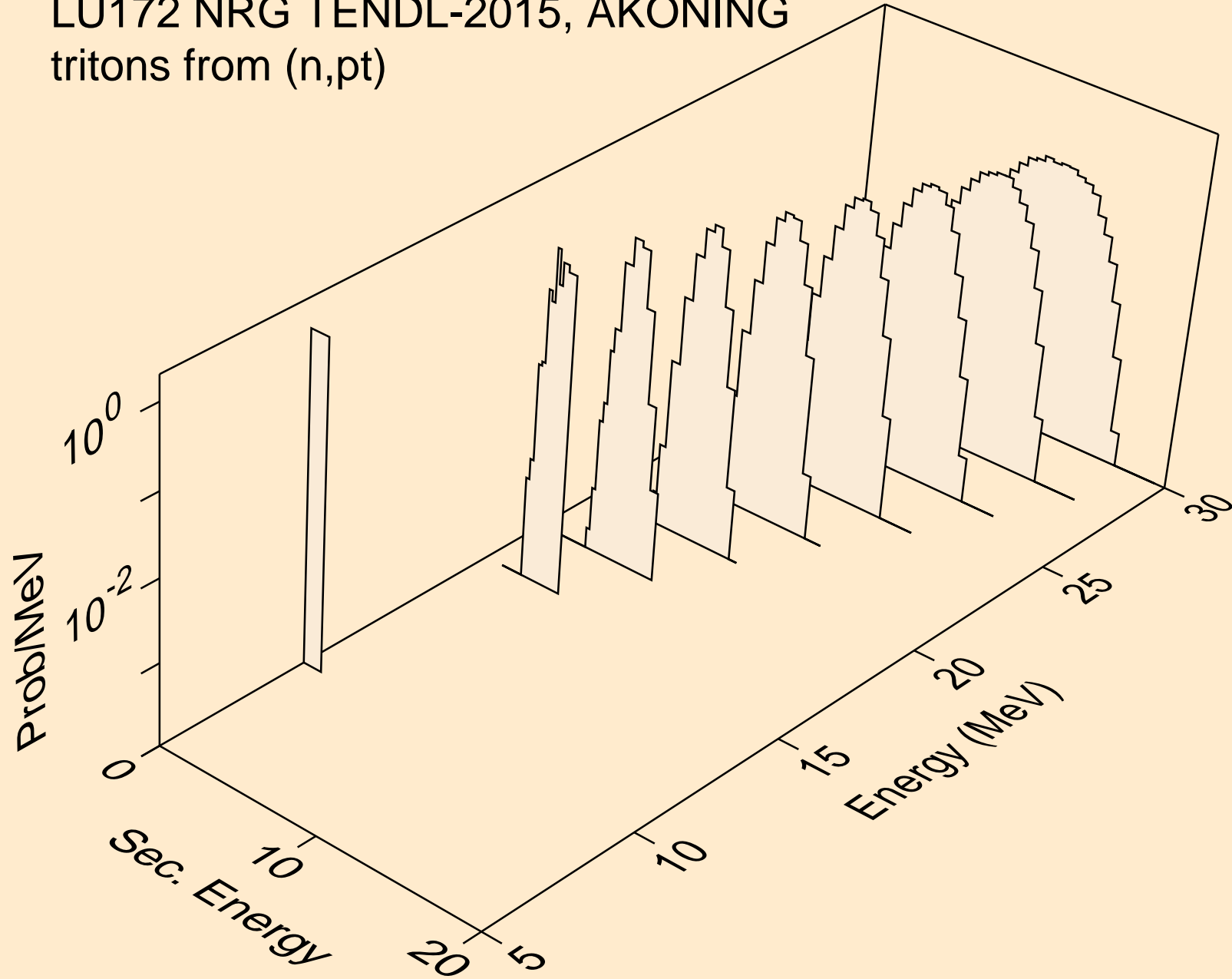
LU172 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



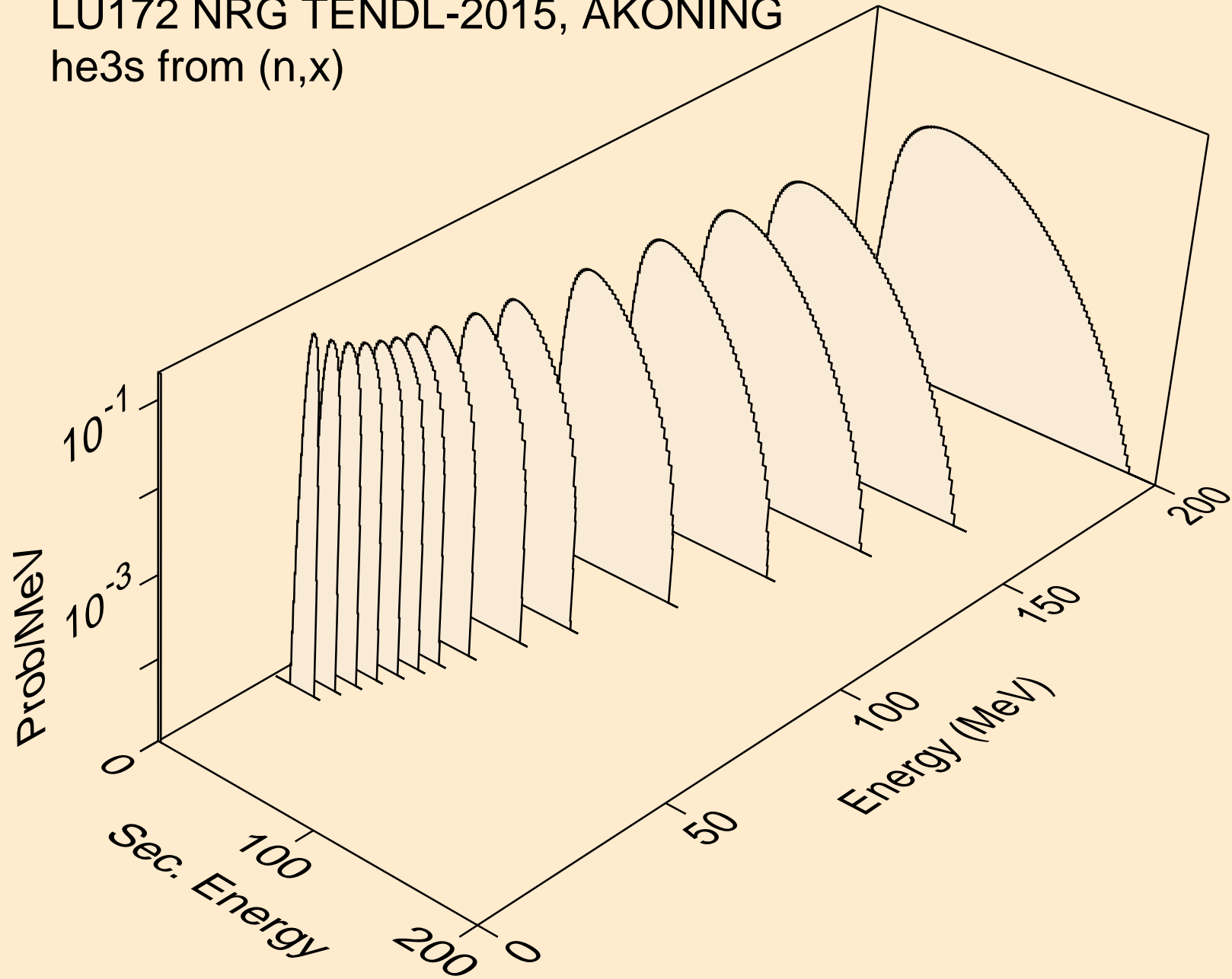
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tritons from (n,t)



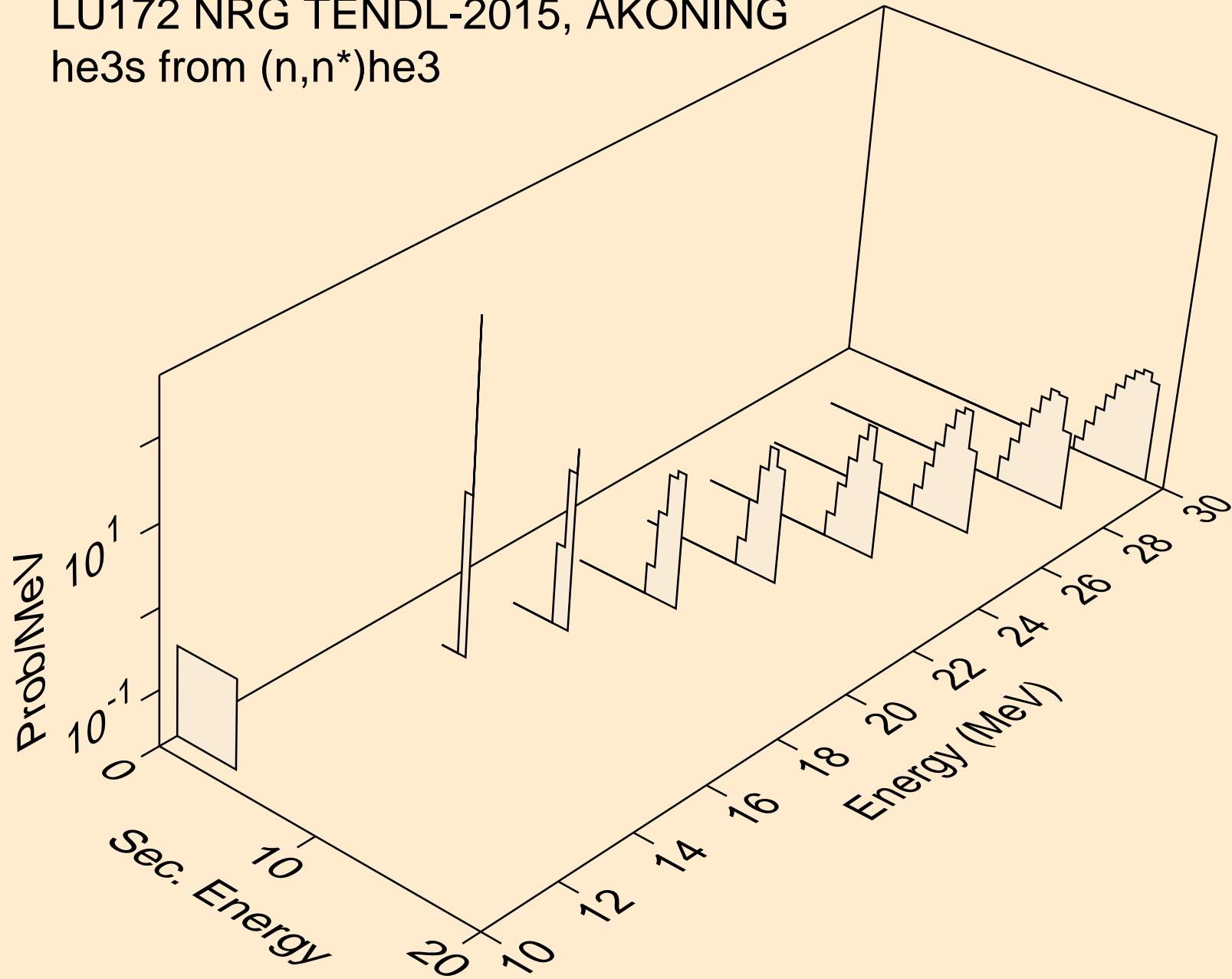
LU172 NRG TENDL-2015, AKONING  
tritons from (n,pt)



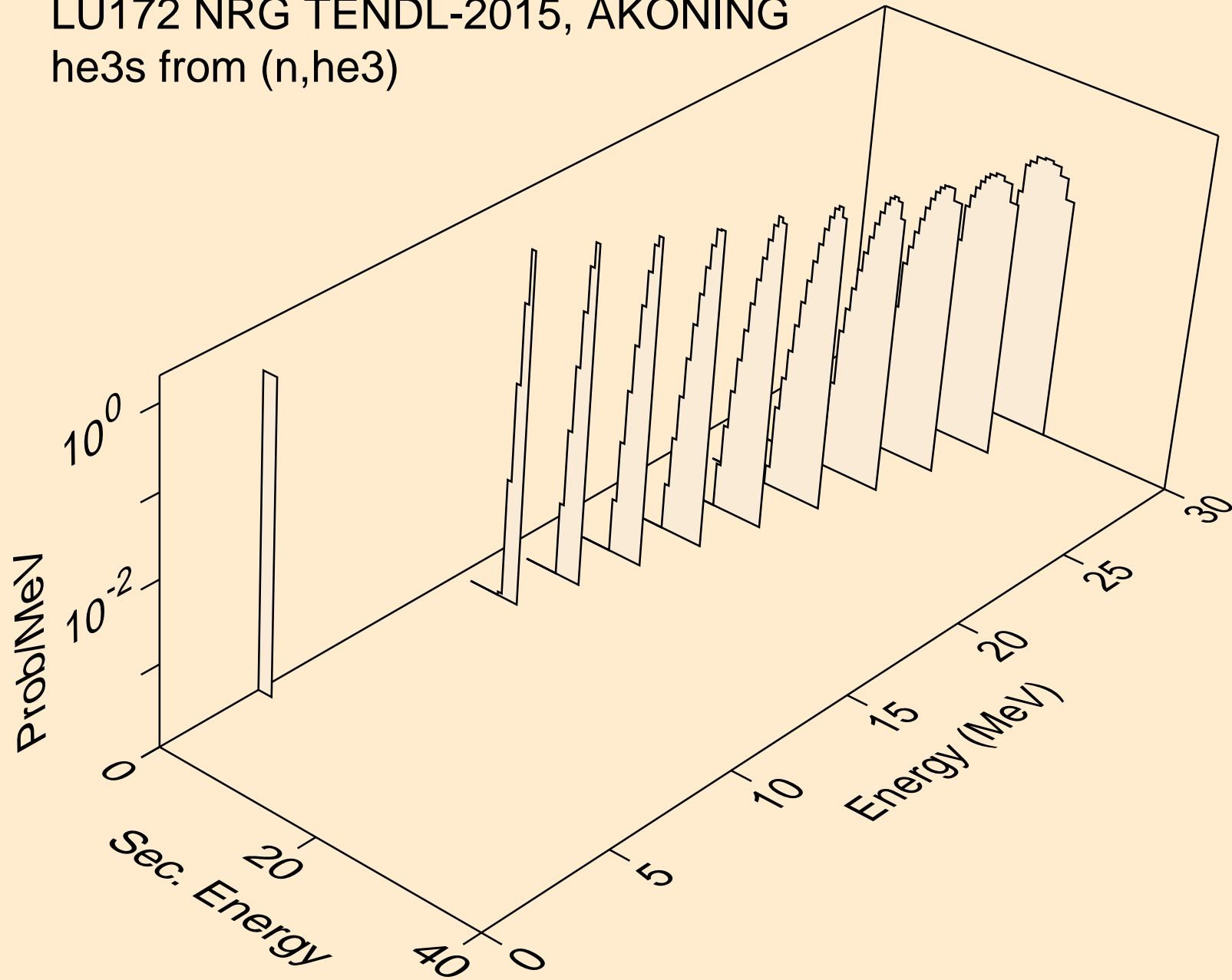
LU172 NRG TENDL-2015, AKONING  
he3s from (n,x)



LU172 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

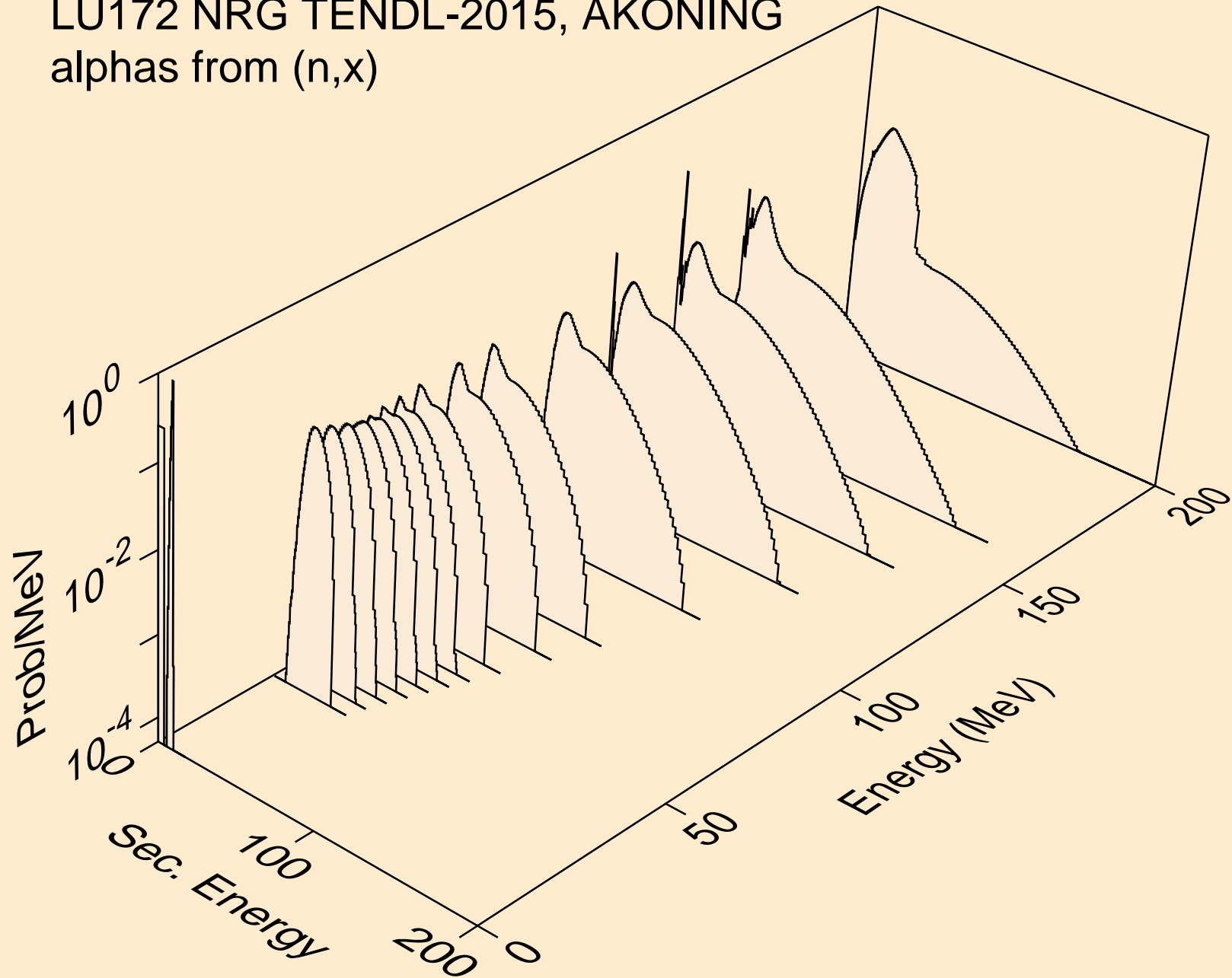


LU172 NRG TENDL-2015, AKONING  
he3s from (n,he3)

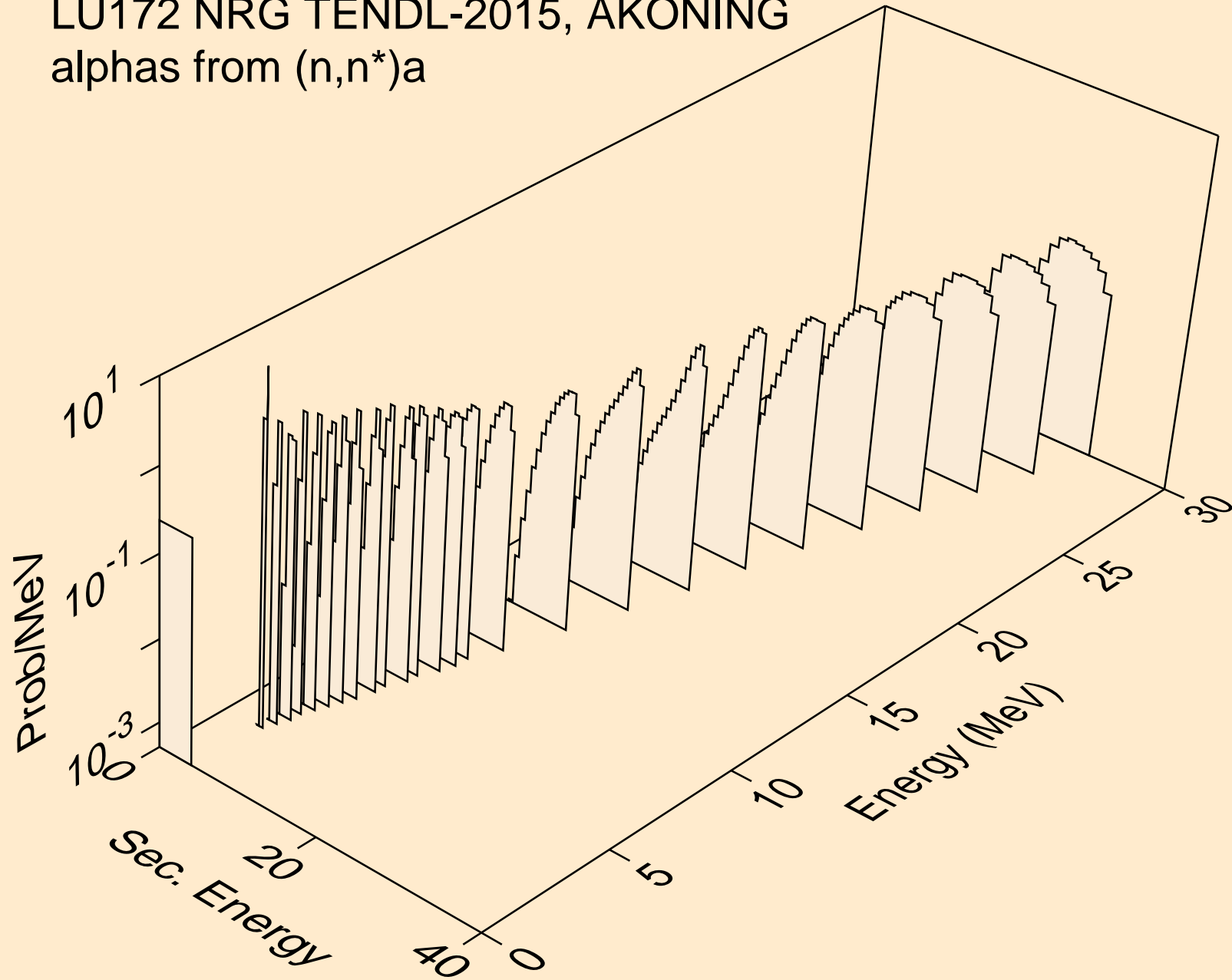




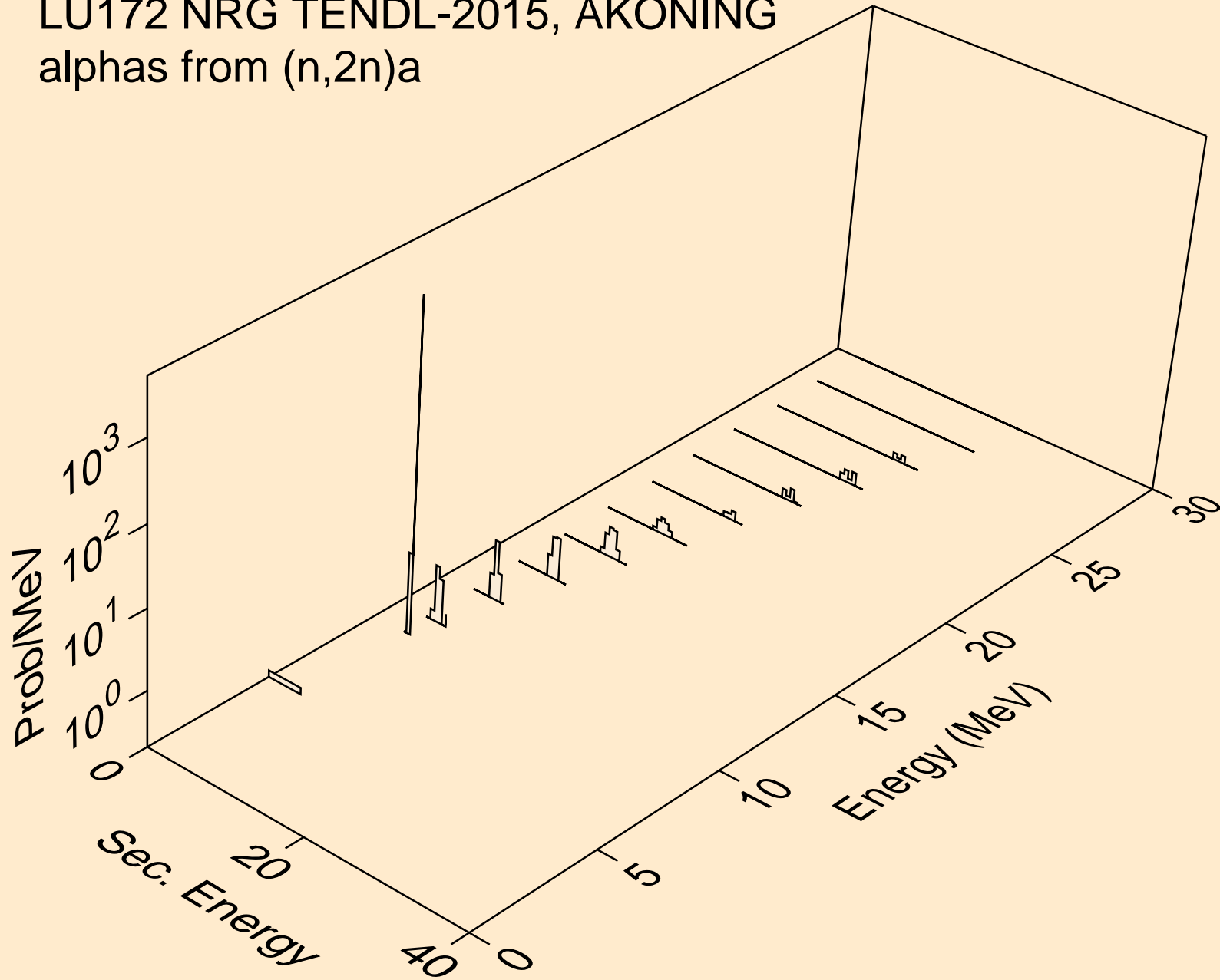
LU172 NRG TENDL-2015, AKONING  
alphas from (n,x)



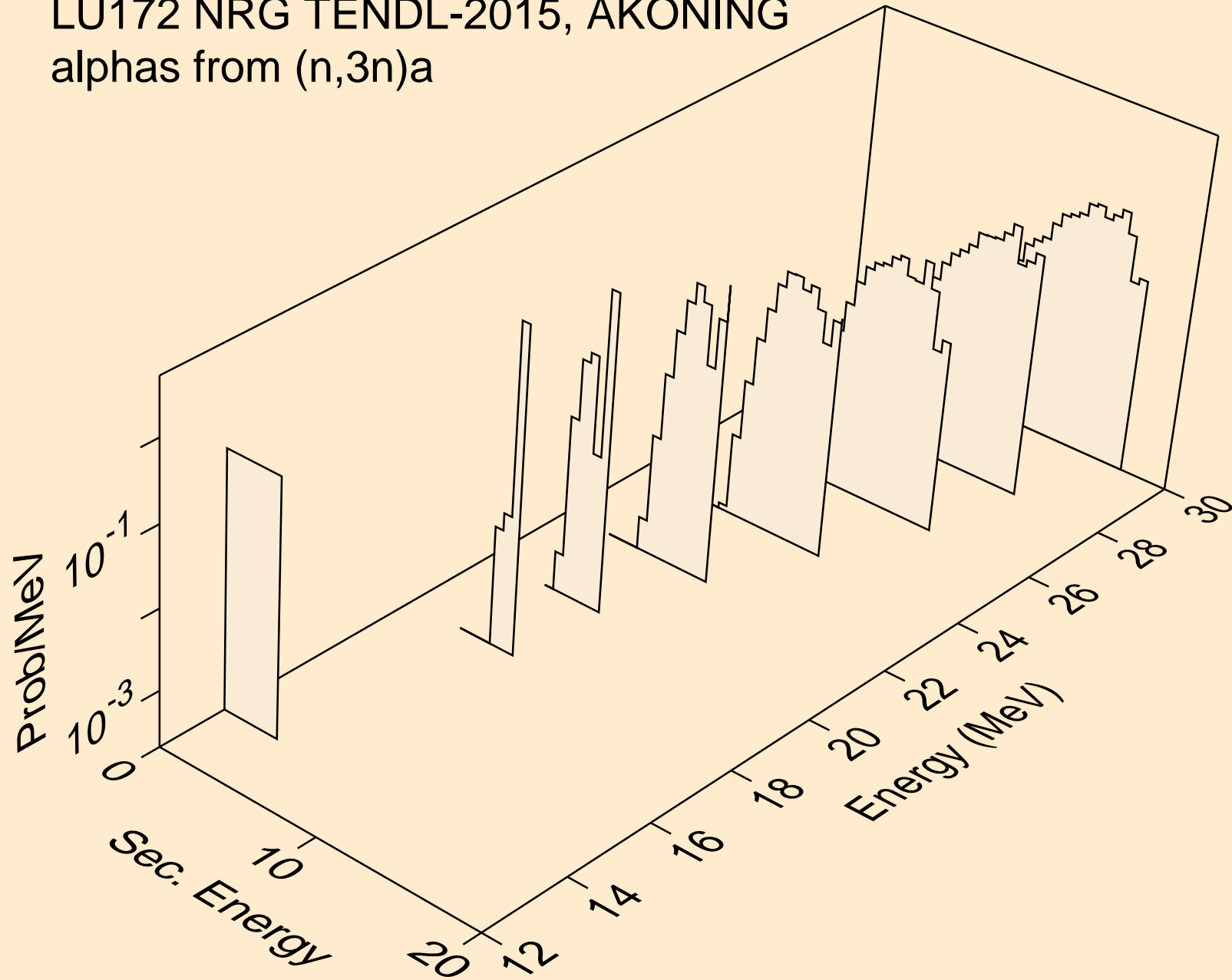
LU172 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



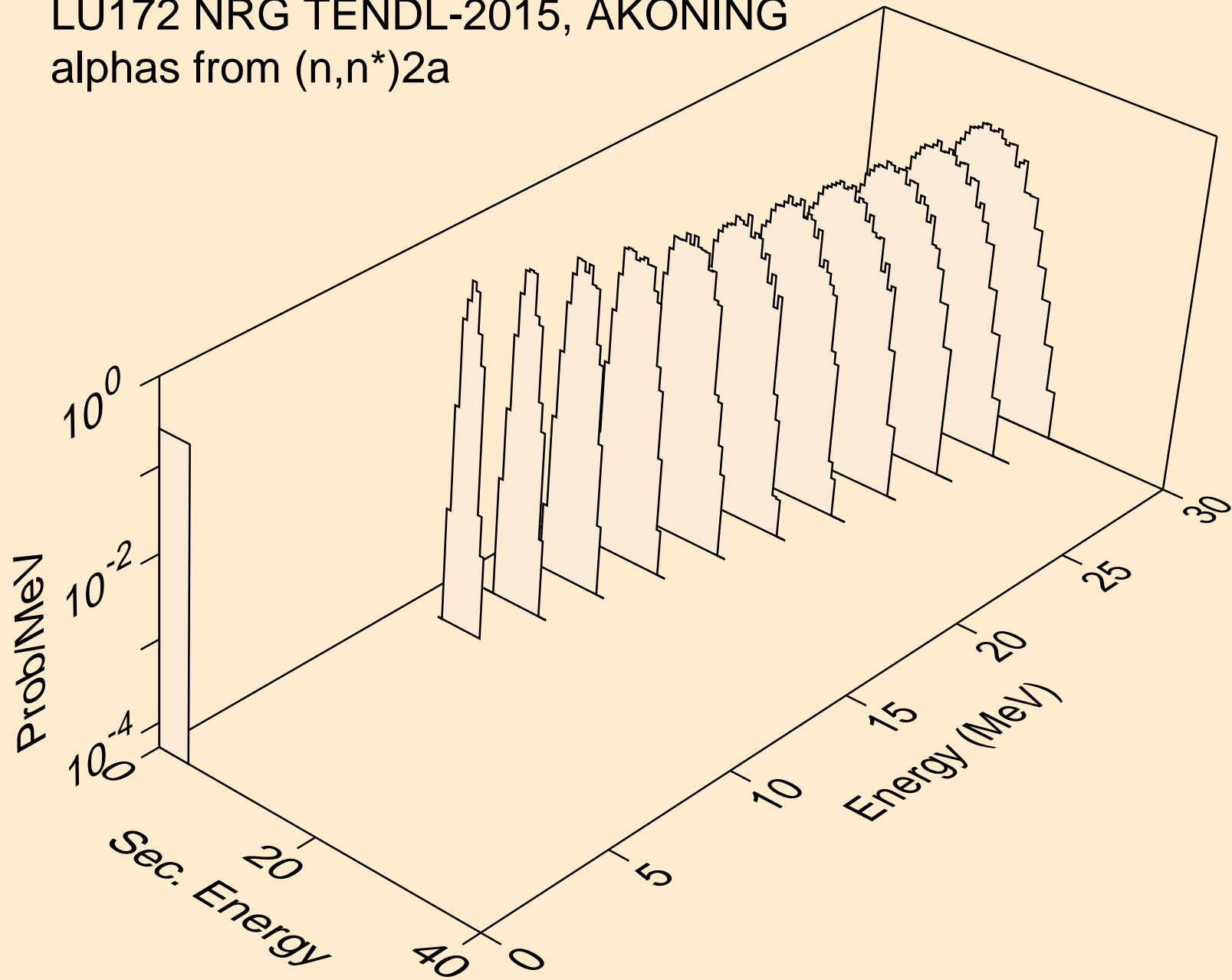
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alphas from (n,2n)a



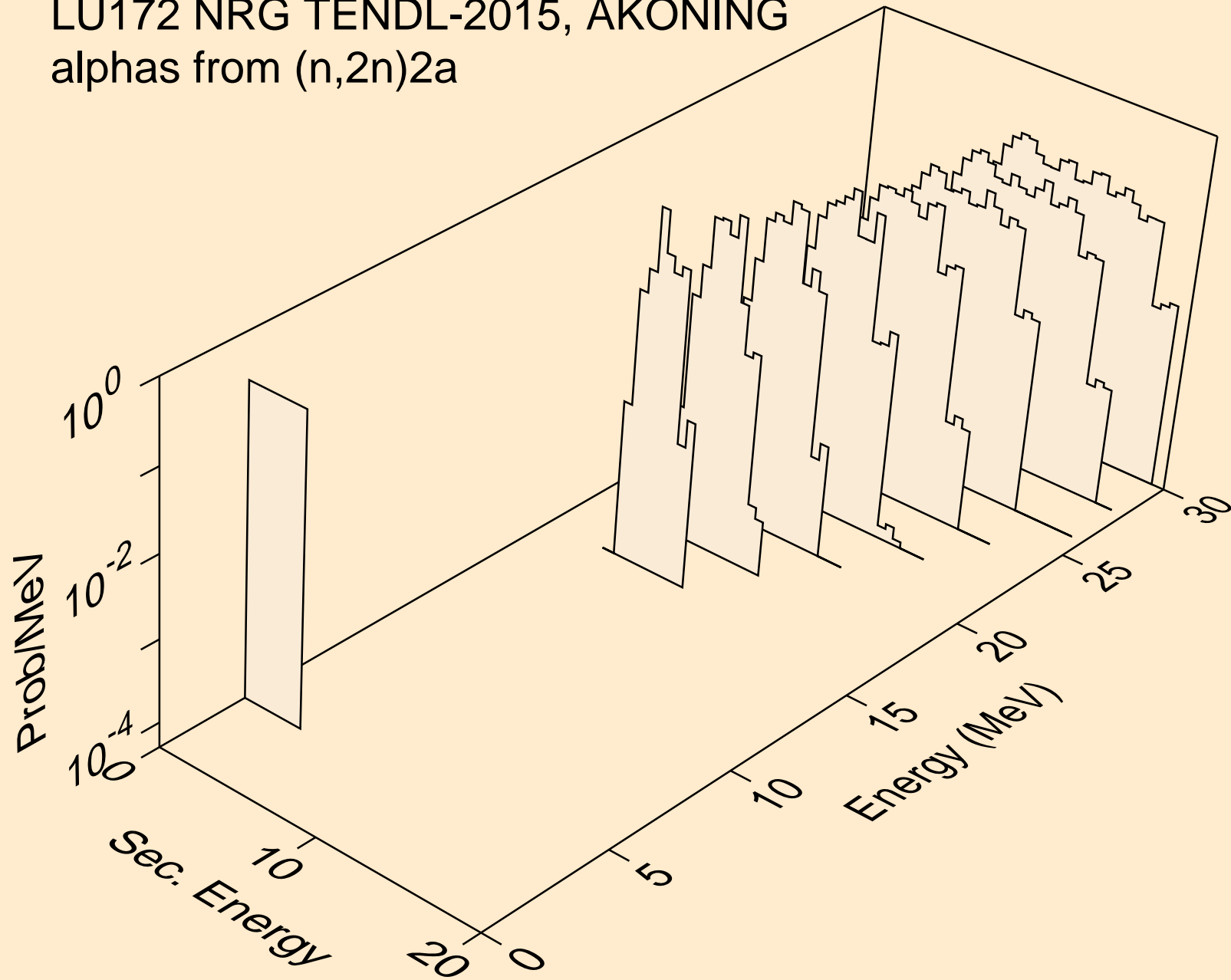
LU172 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



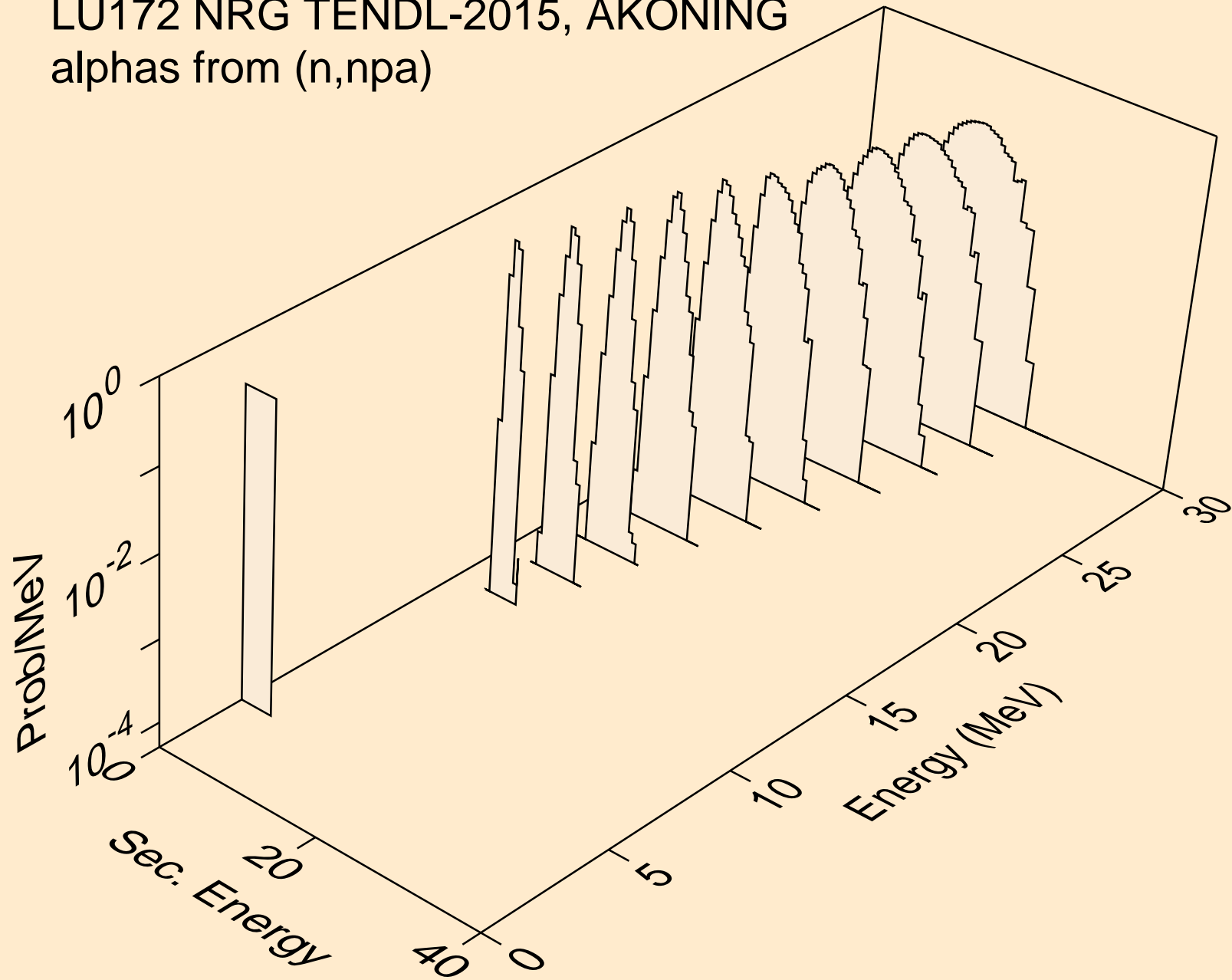
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alphas from (n,n\*)2a



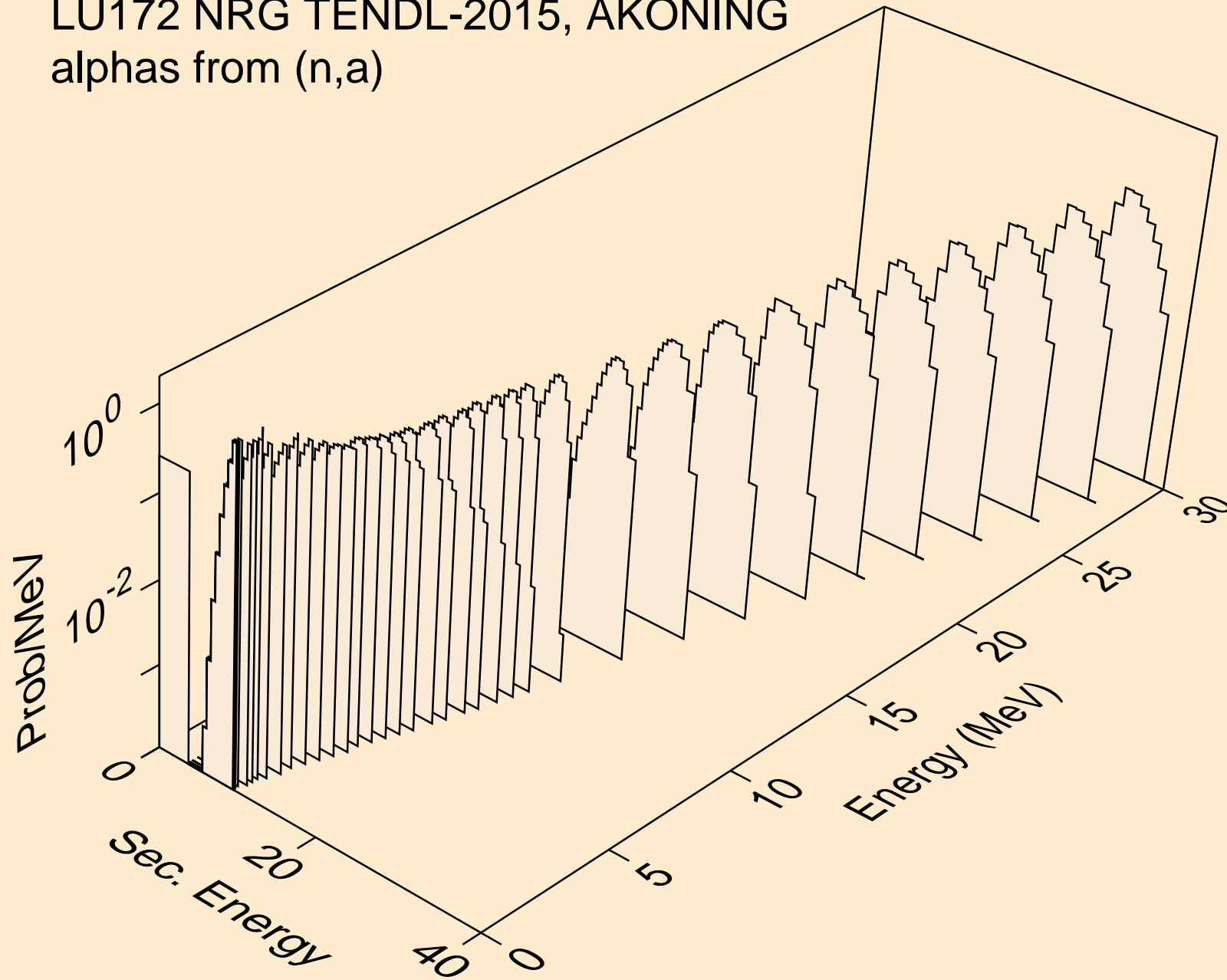
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alphas from (n,2n)2a



LU172 NRG TENDL-2015, AKONING  
alphas from (n,npa)

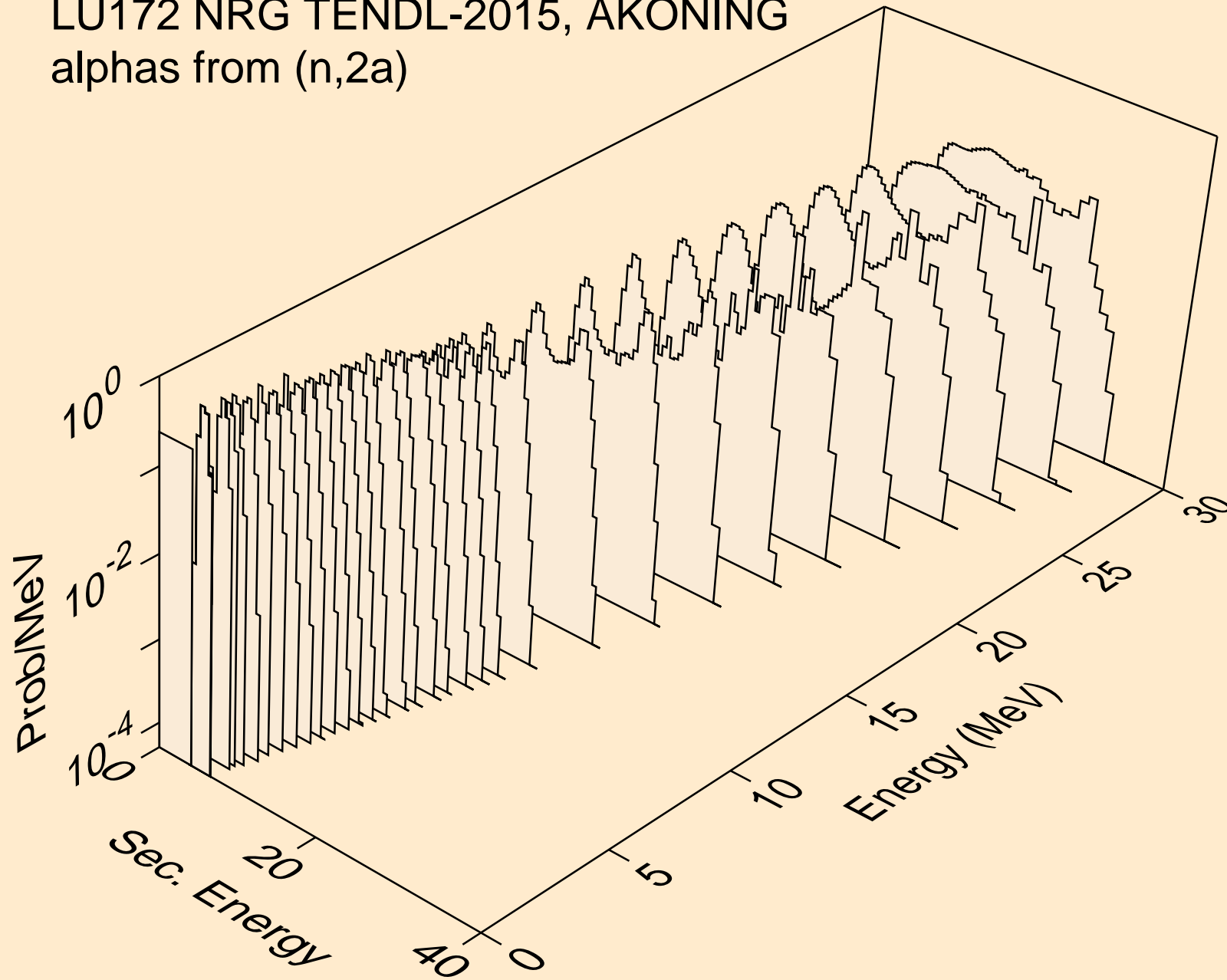


LU172 NRG TENDL-2015, AKONING  
alphas from (n,a)

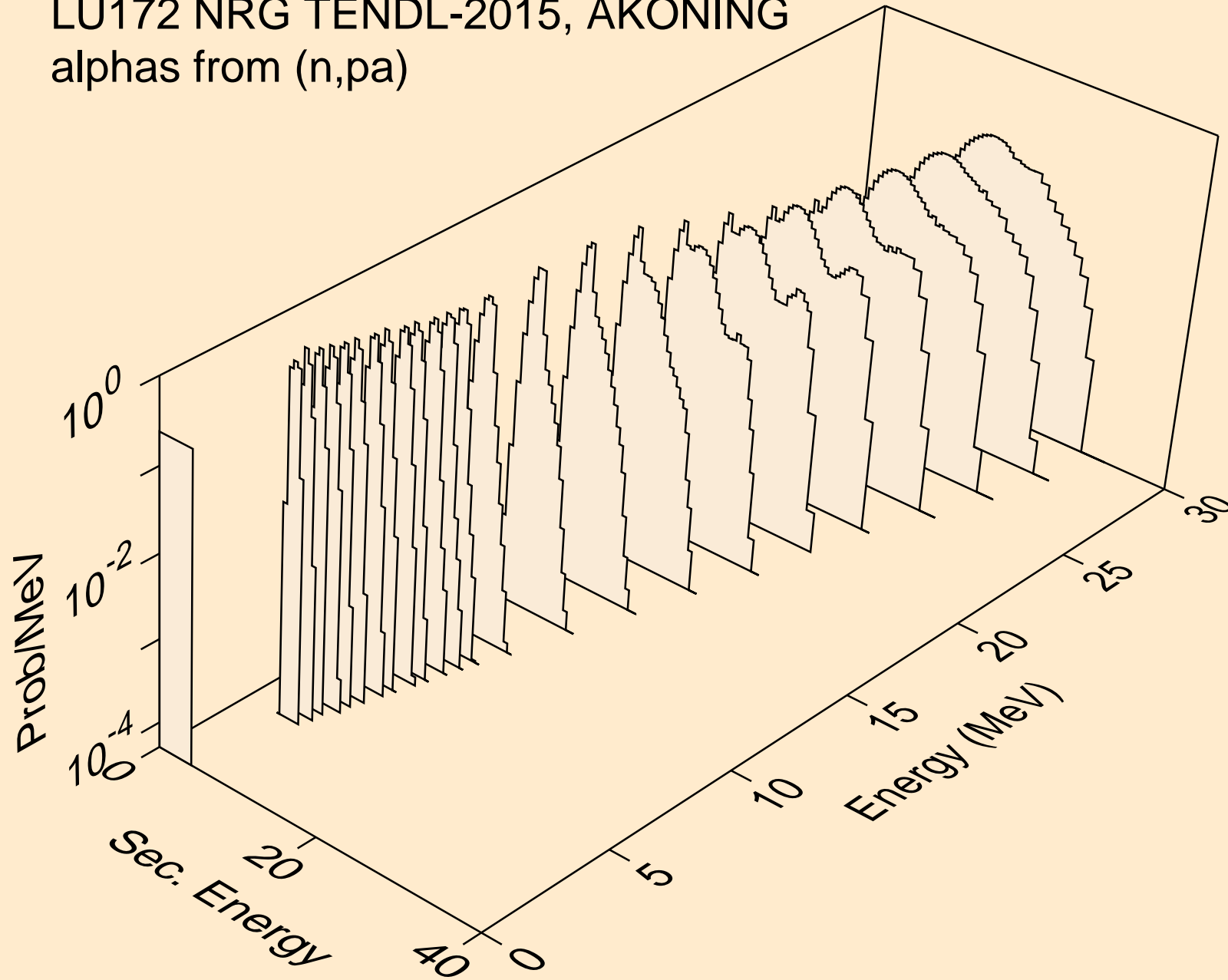




LU172 NRG TENDL-2015, AKONING  
alphas from (n,2a)



LU172 NRG TENDL-2015, AKONING  
alphas from (n,pa)



LU172 NRG TENDL-2015, AKONING  
alphas from (n,da)

