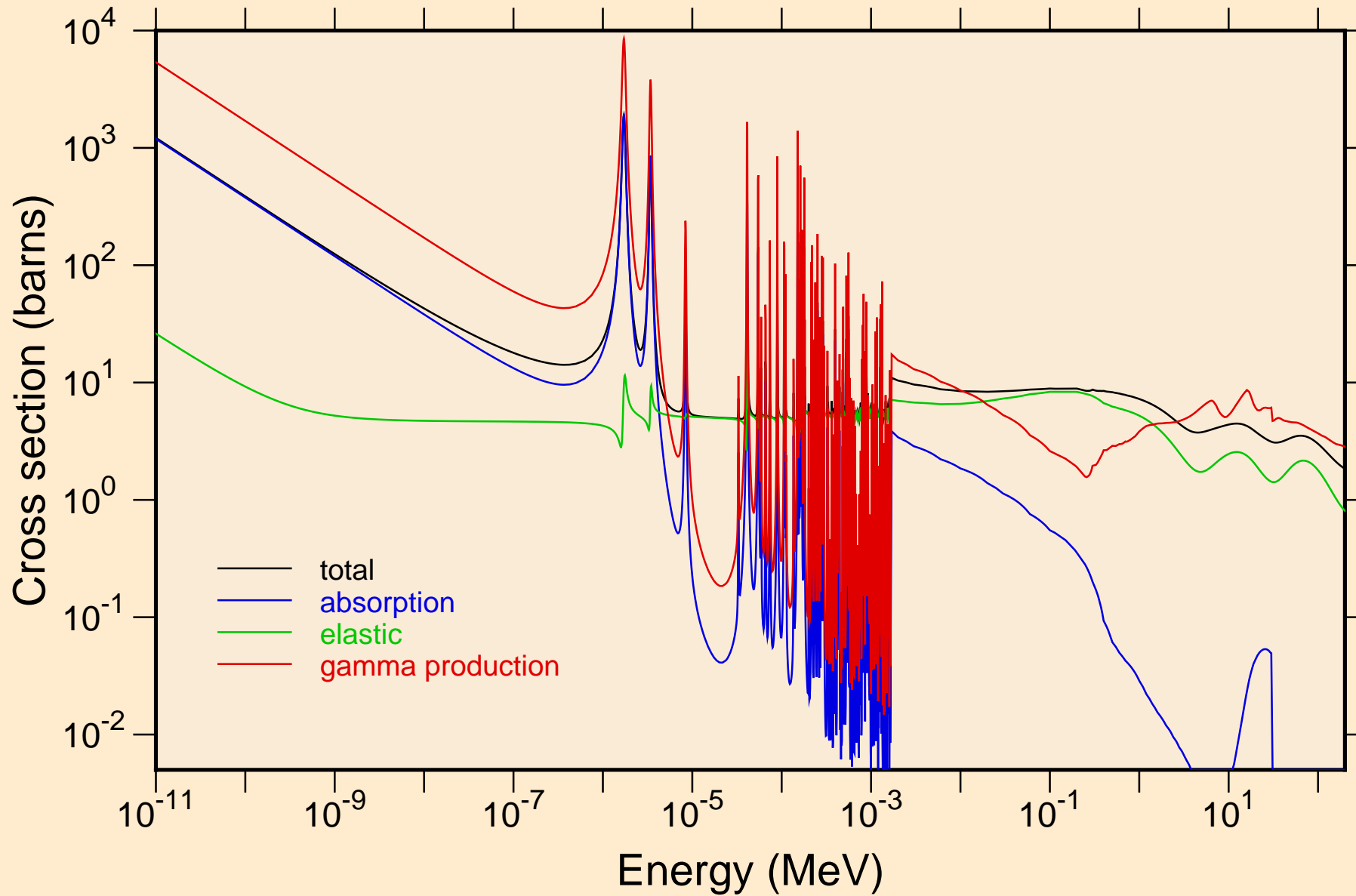
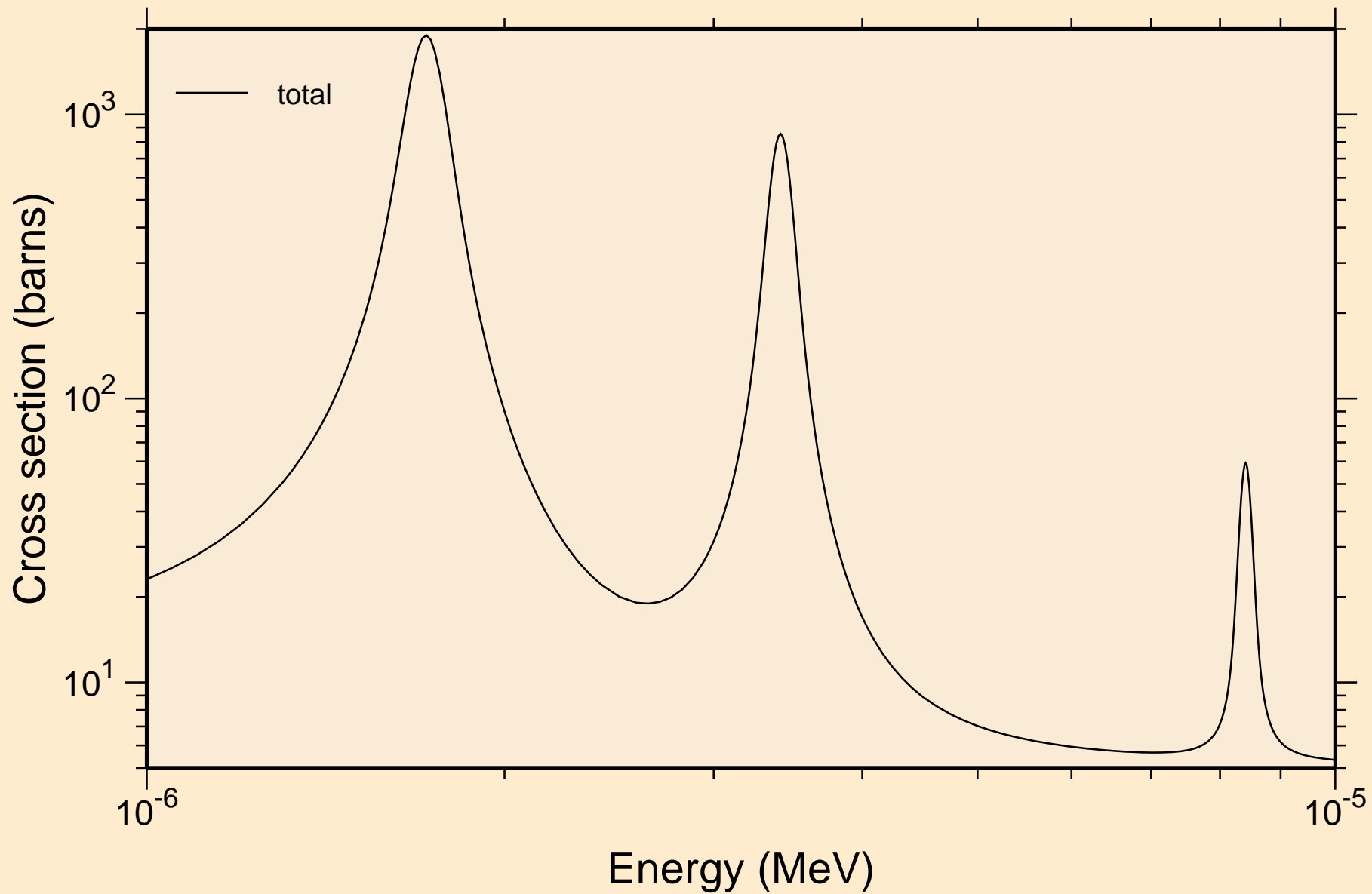


# PD109 NRG TENDL-2015, AKONING

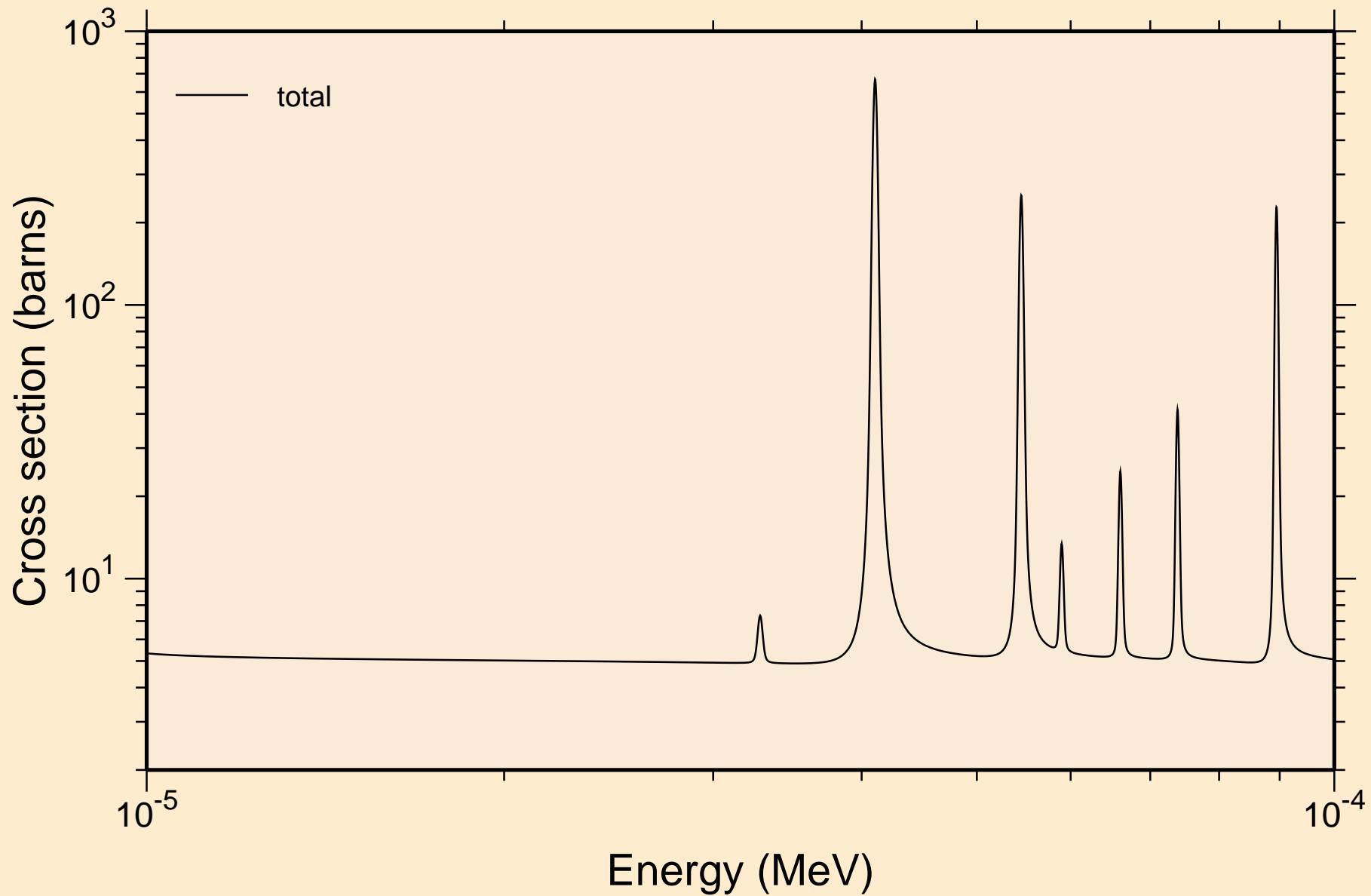
## Principal cross sections



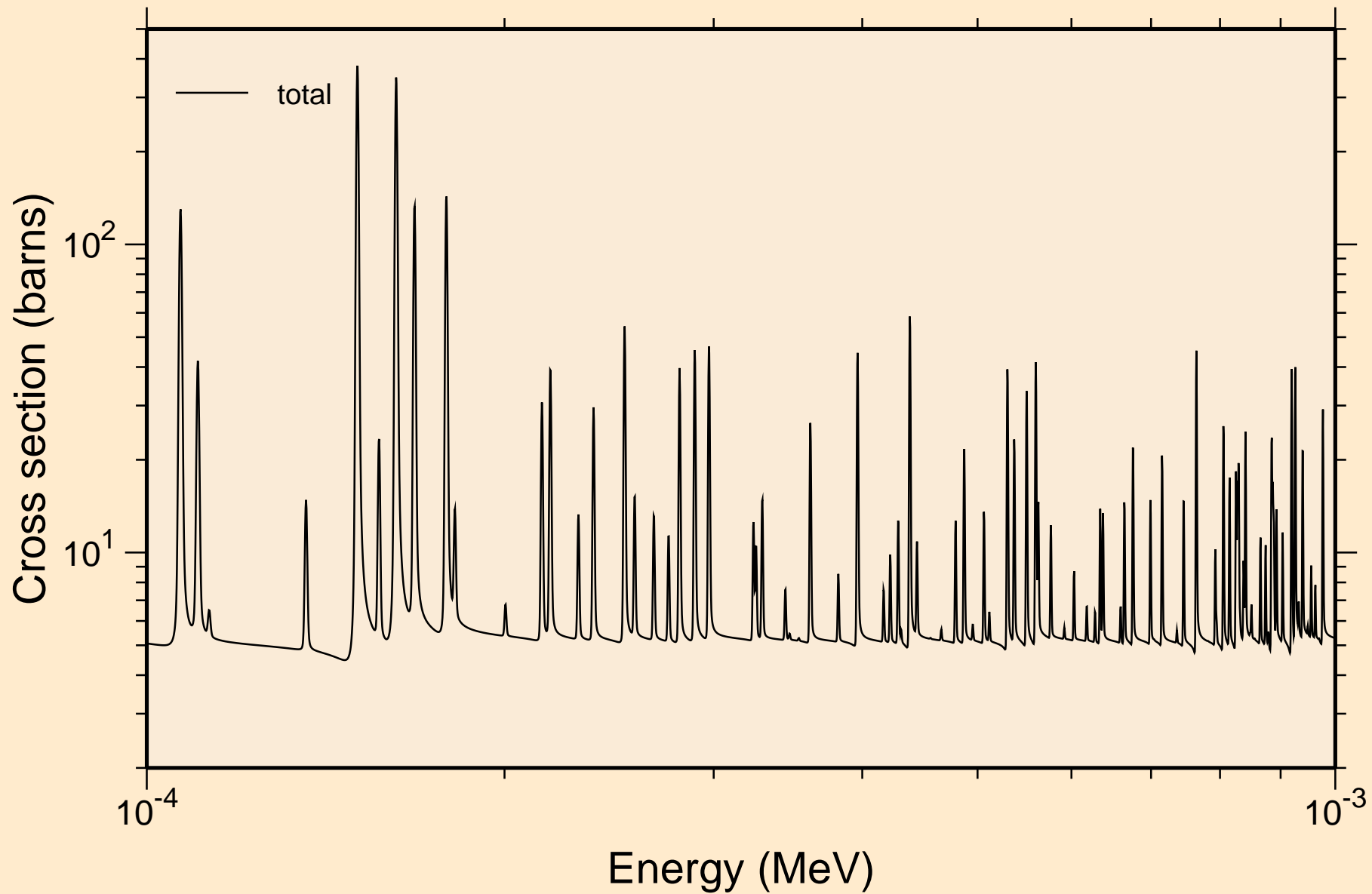
PD109 NRG TENDL-2015, AKONING  
resonance total cross section



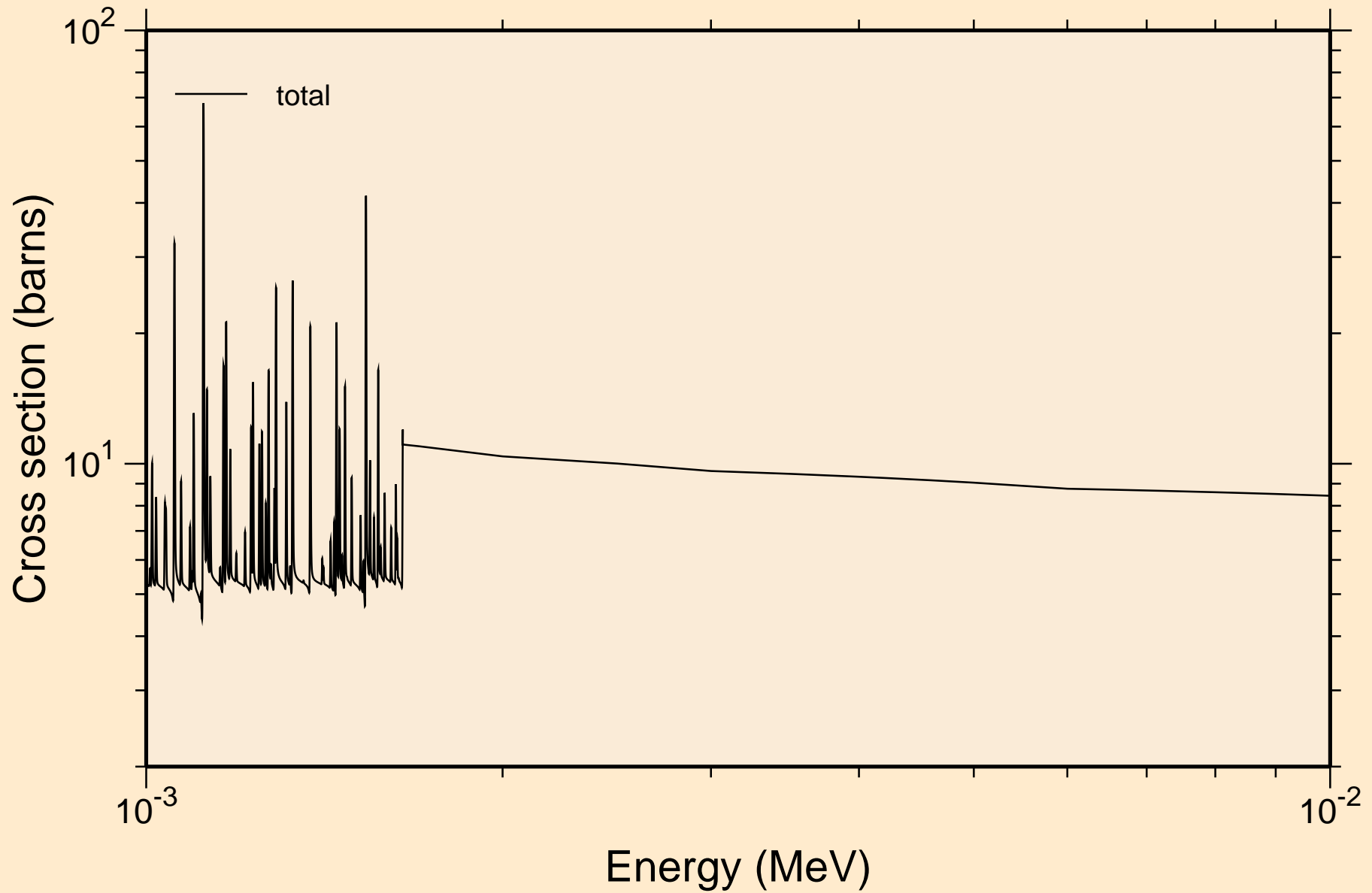
PD109 NRG TENDL-2015, AKONING  
resonance total cross section



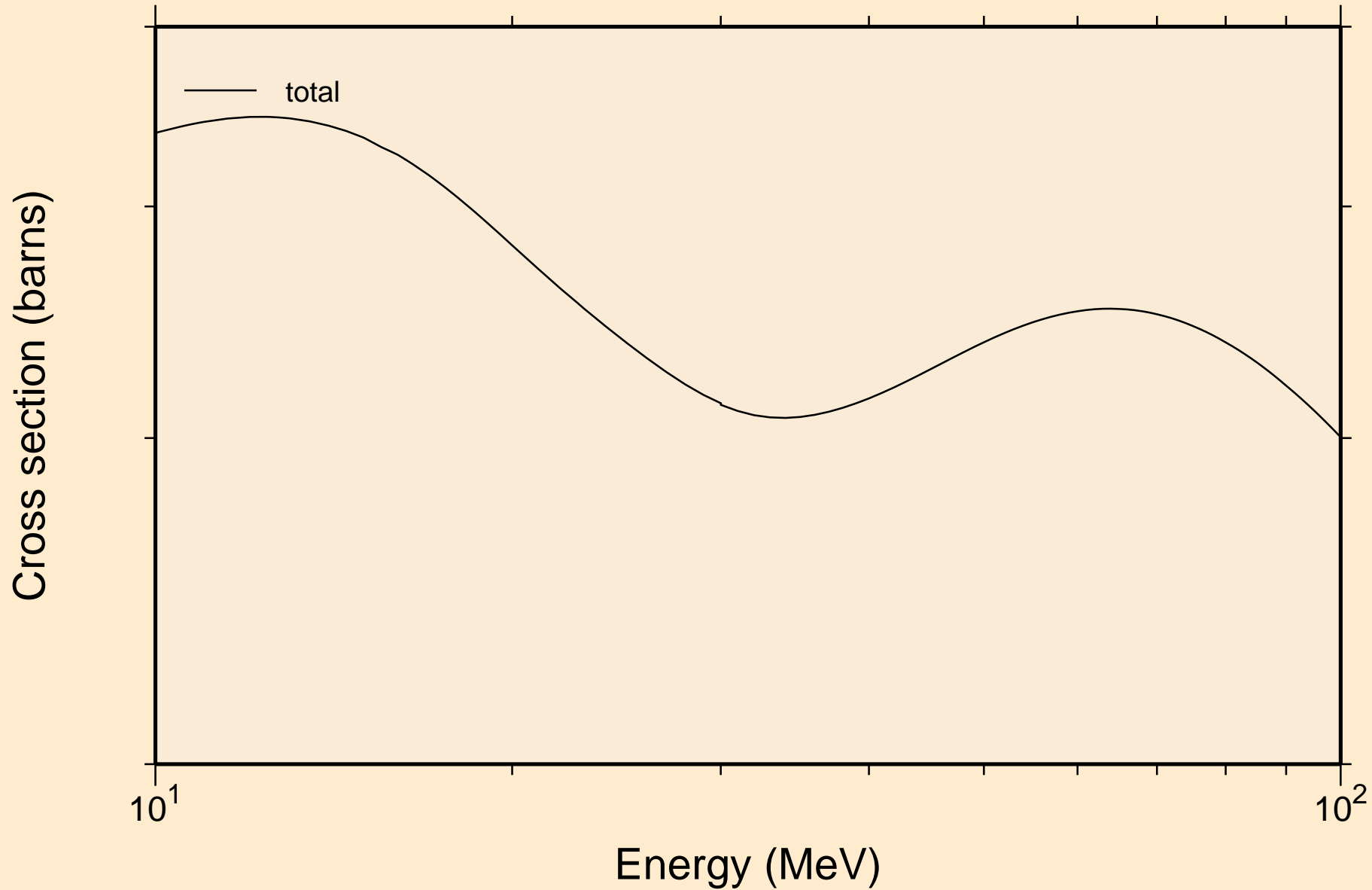
PD109 NRG TENDL-2015, AKONING  
resonance total cross section



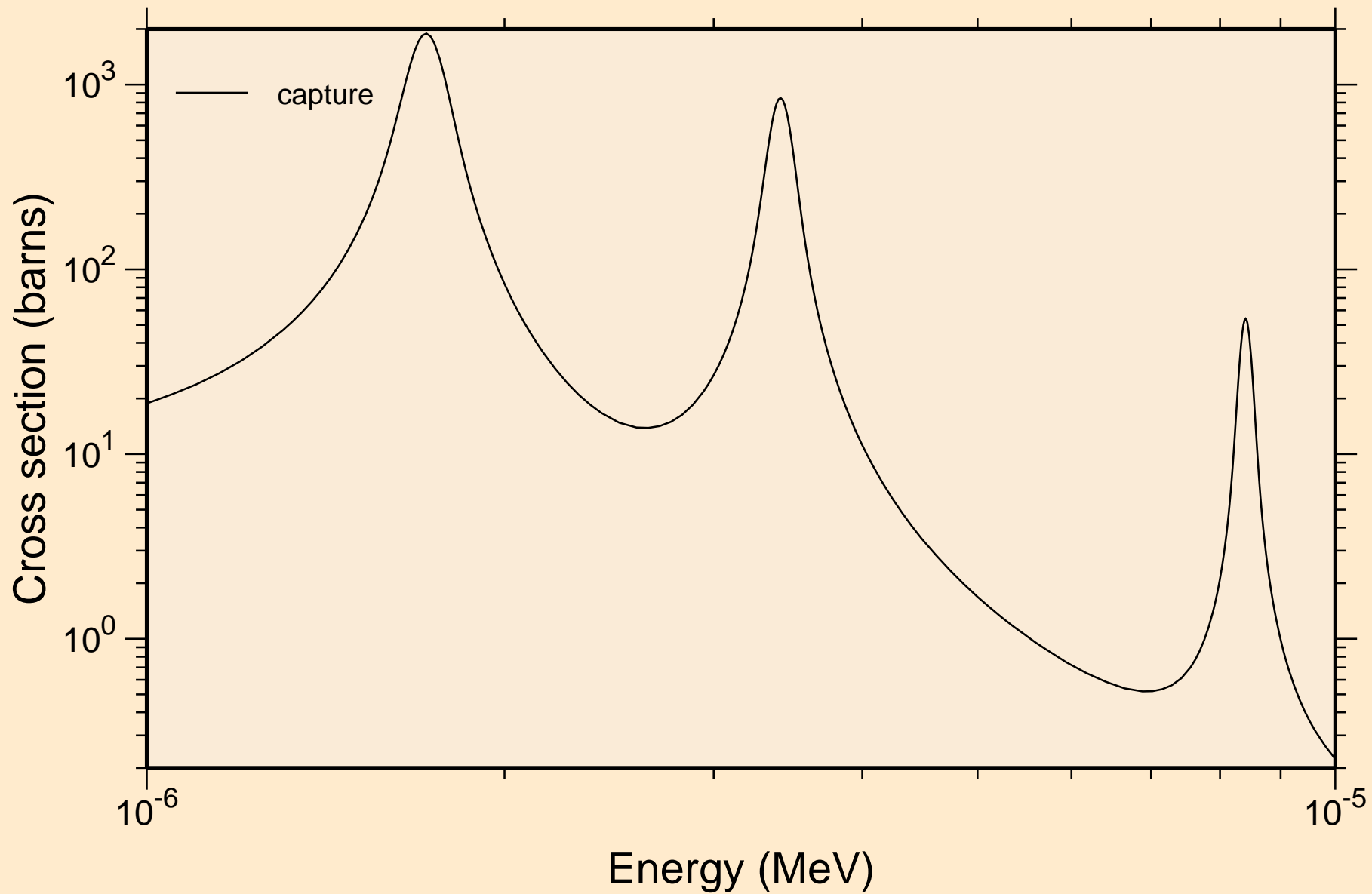
PD109 NRG TENDL-2015, AKONING  
resonance total cross section



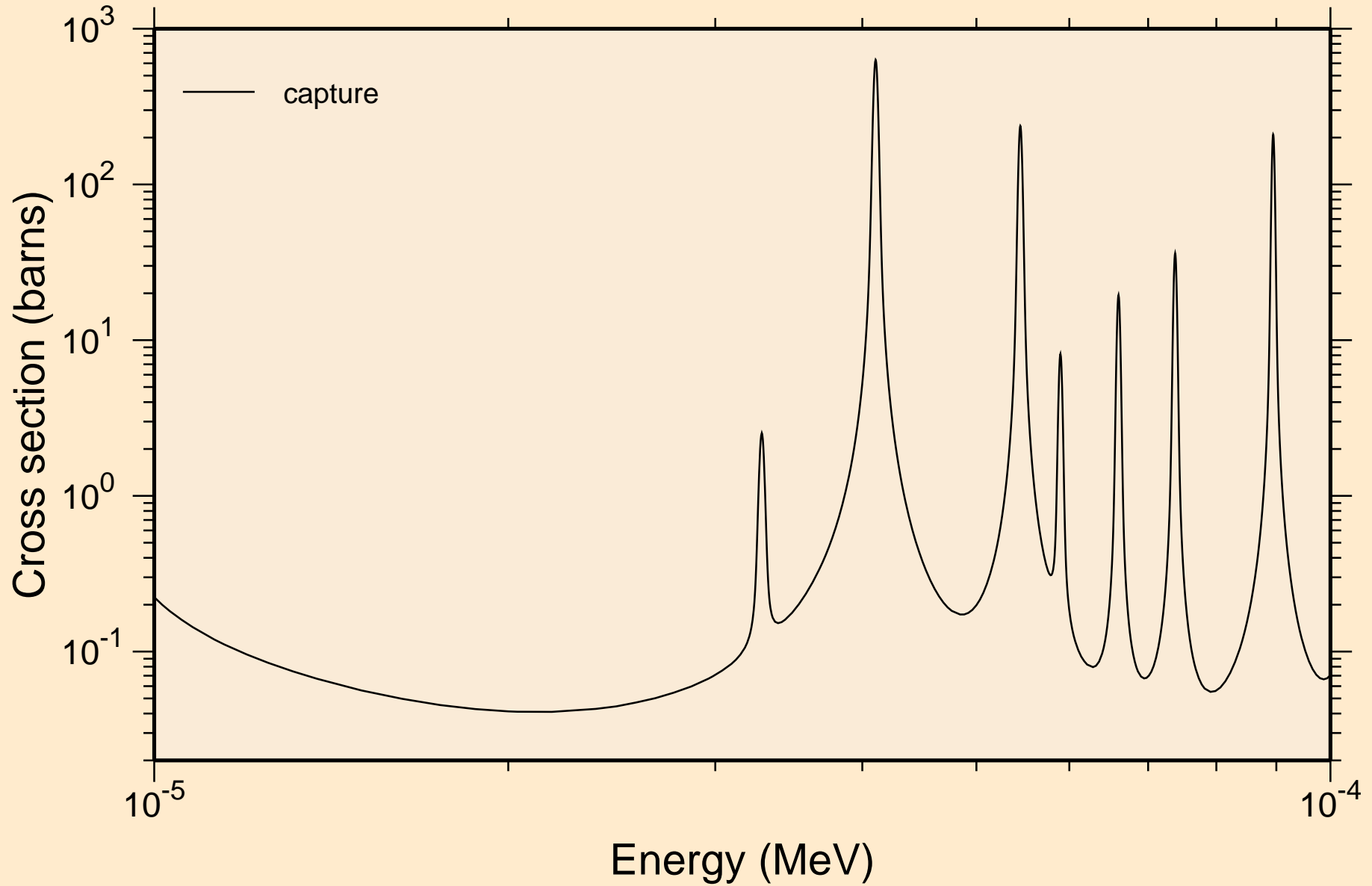
P̄D109 NRG TENDL-2015, AKONING  
resonance total cross section



PD109 NRG TENDL-2015, AKONING  
resonance absorption cross sections

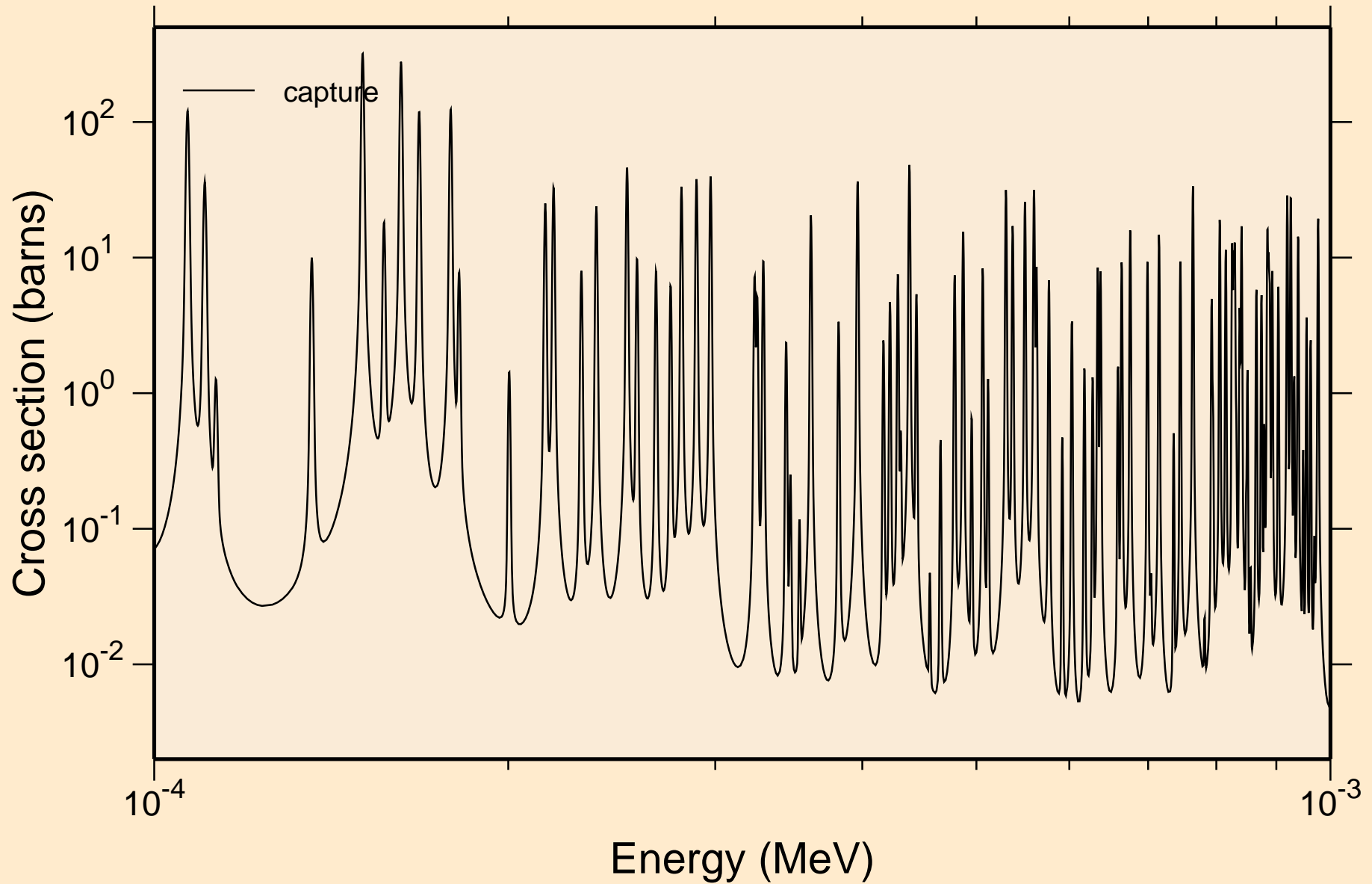


PD109 NRG TENDL-2015, AKONING  
resonance absorption cross sections

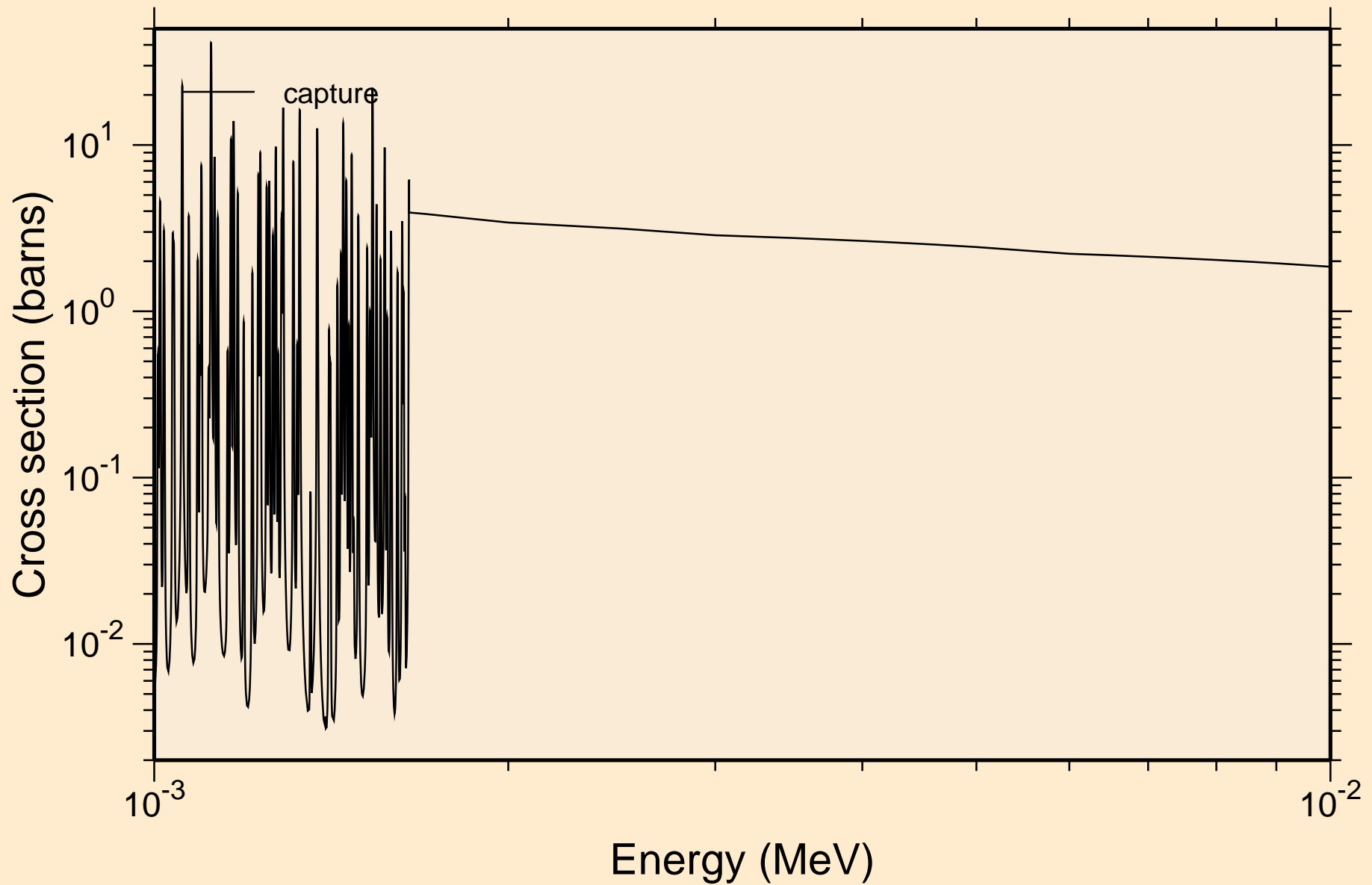




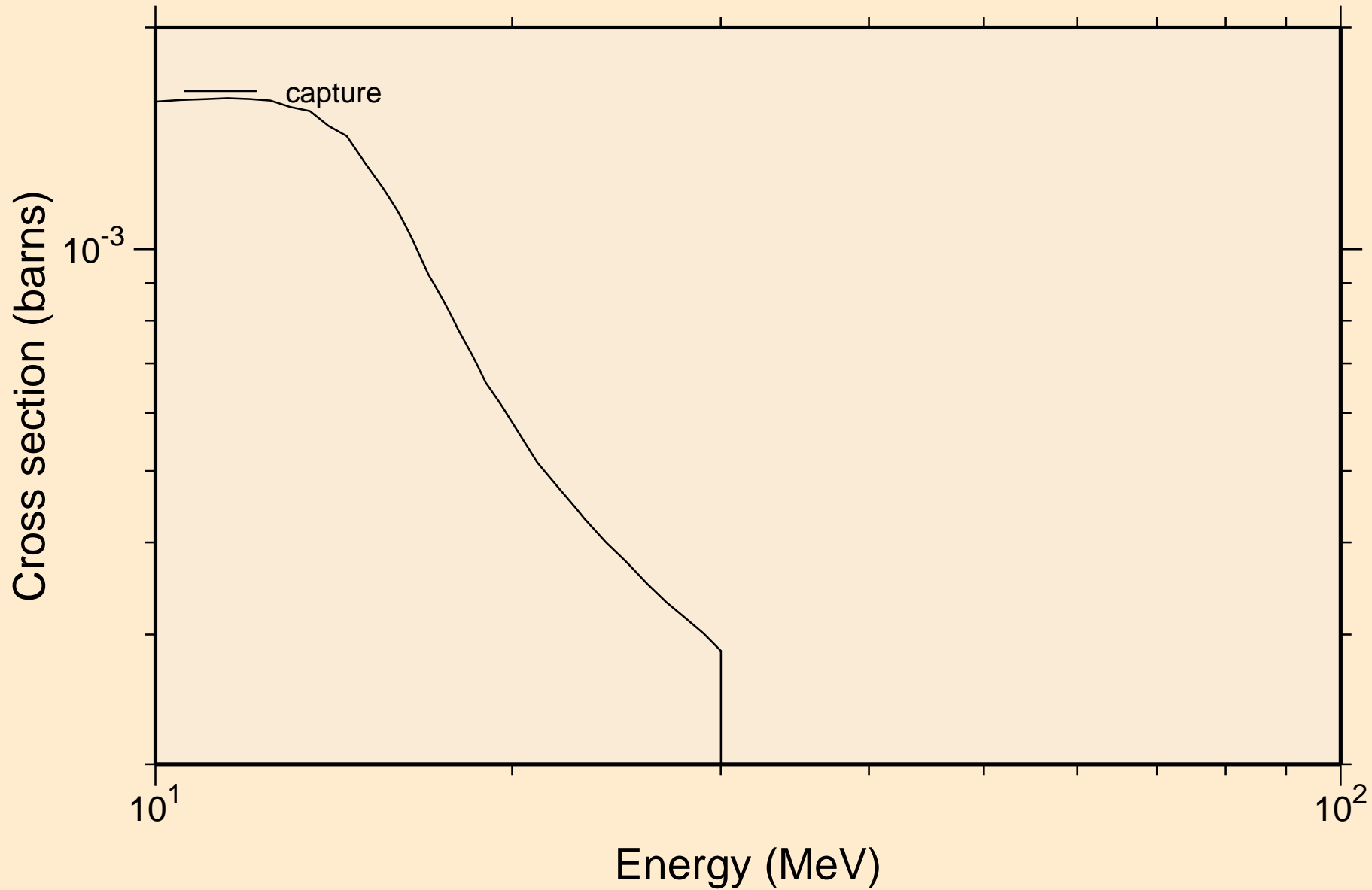
PD109 NRG TENDL-2015, AKONING  
resonance absorption cross sections



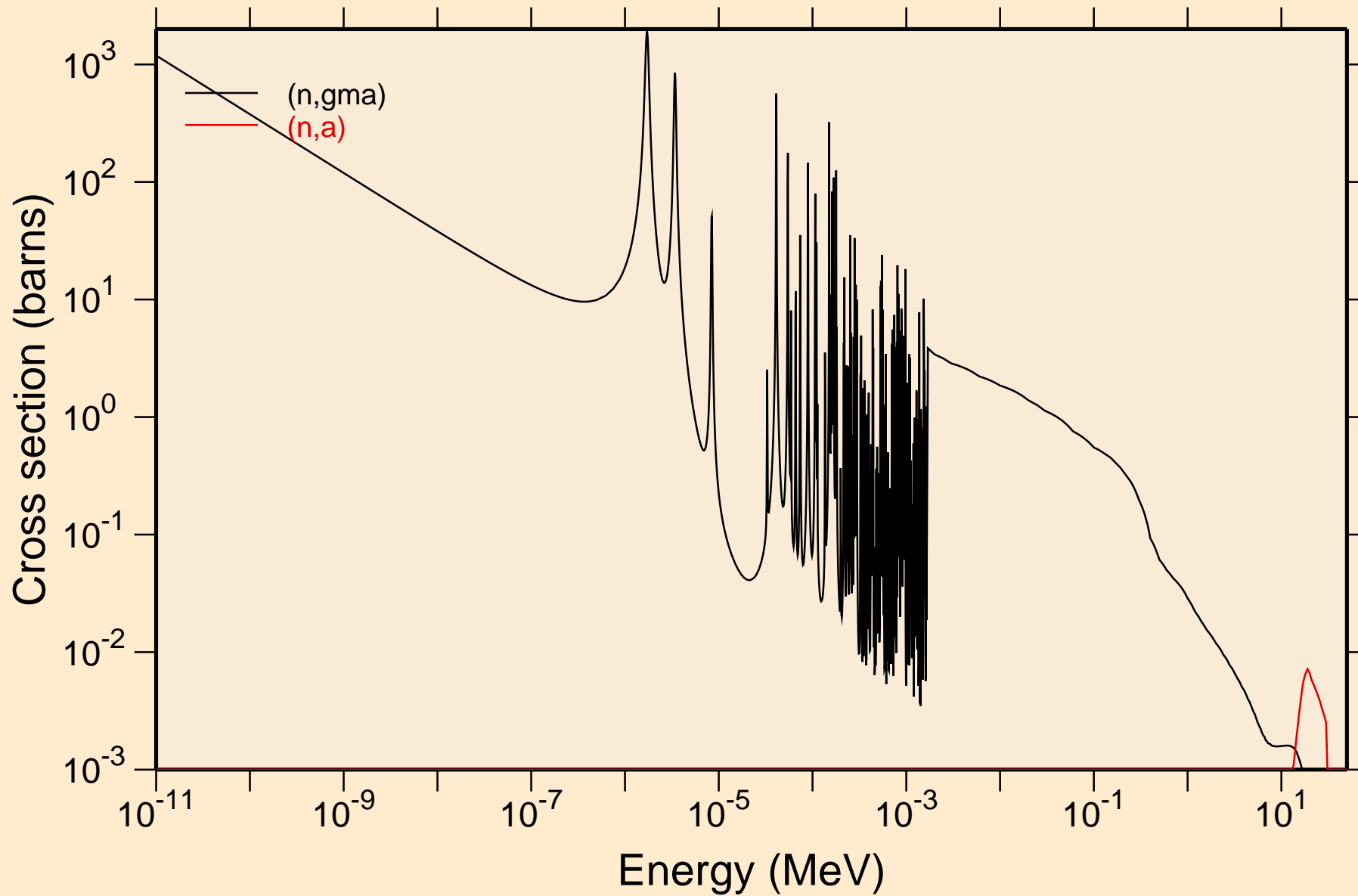
PD109 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PD109 NRG TENDL-2015, AKONING  
resonance absorption cross sections

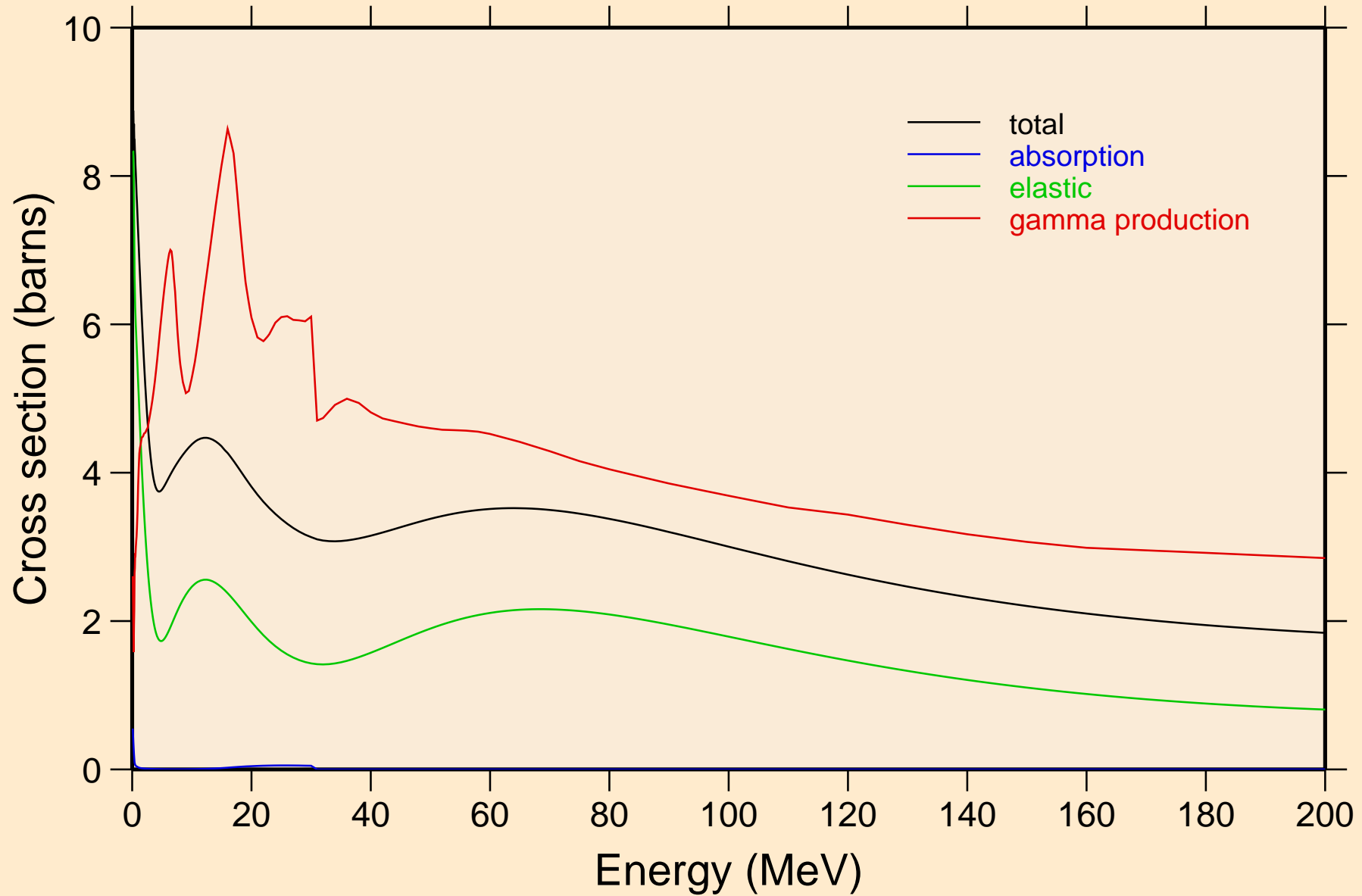


PD109 NRG TENDL-2015, AKONING  
Non-threshold reactions

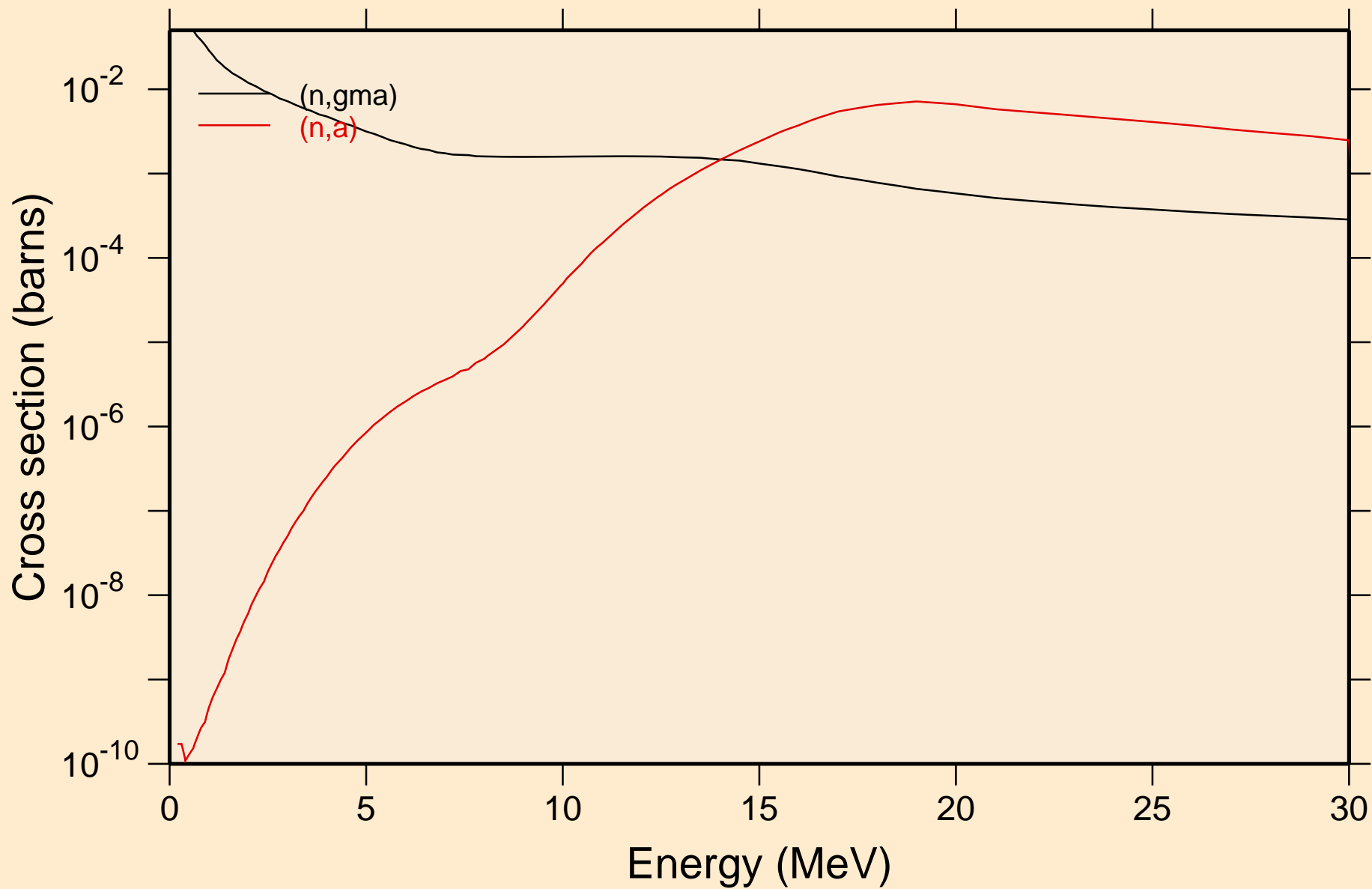


# PD109 NRG TENDL-2015, AKONING

## Principal cross sections

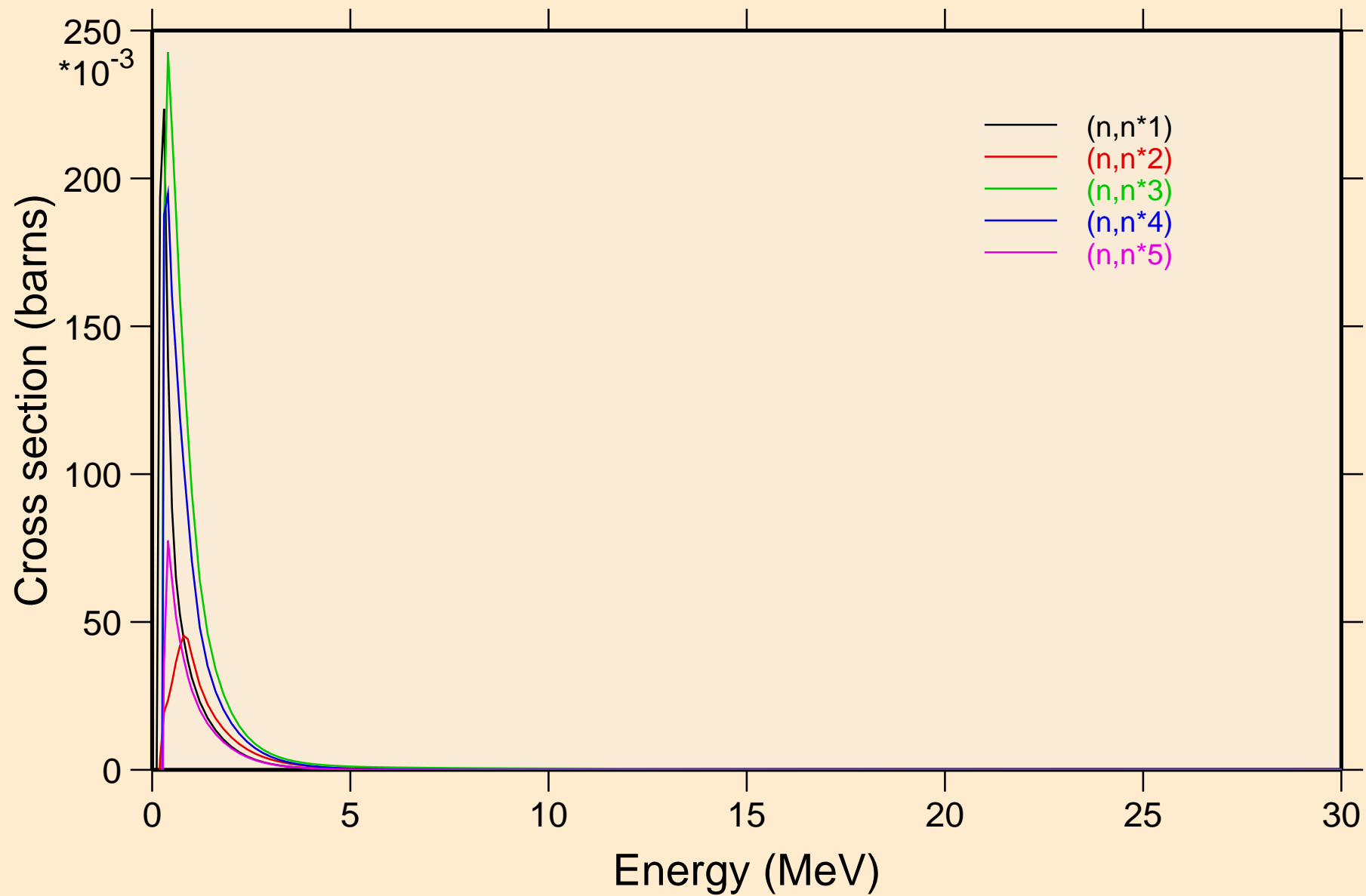


PD109 NRG TENDL-2015, AKONING  
Non-threshold reactions



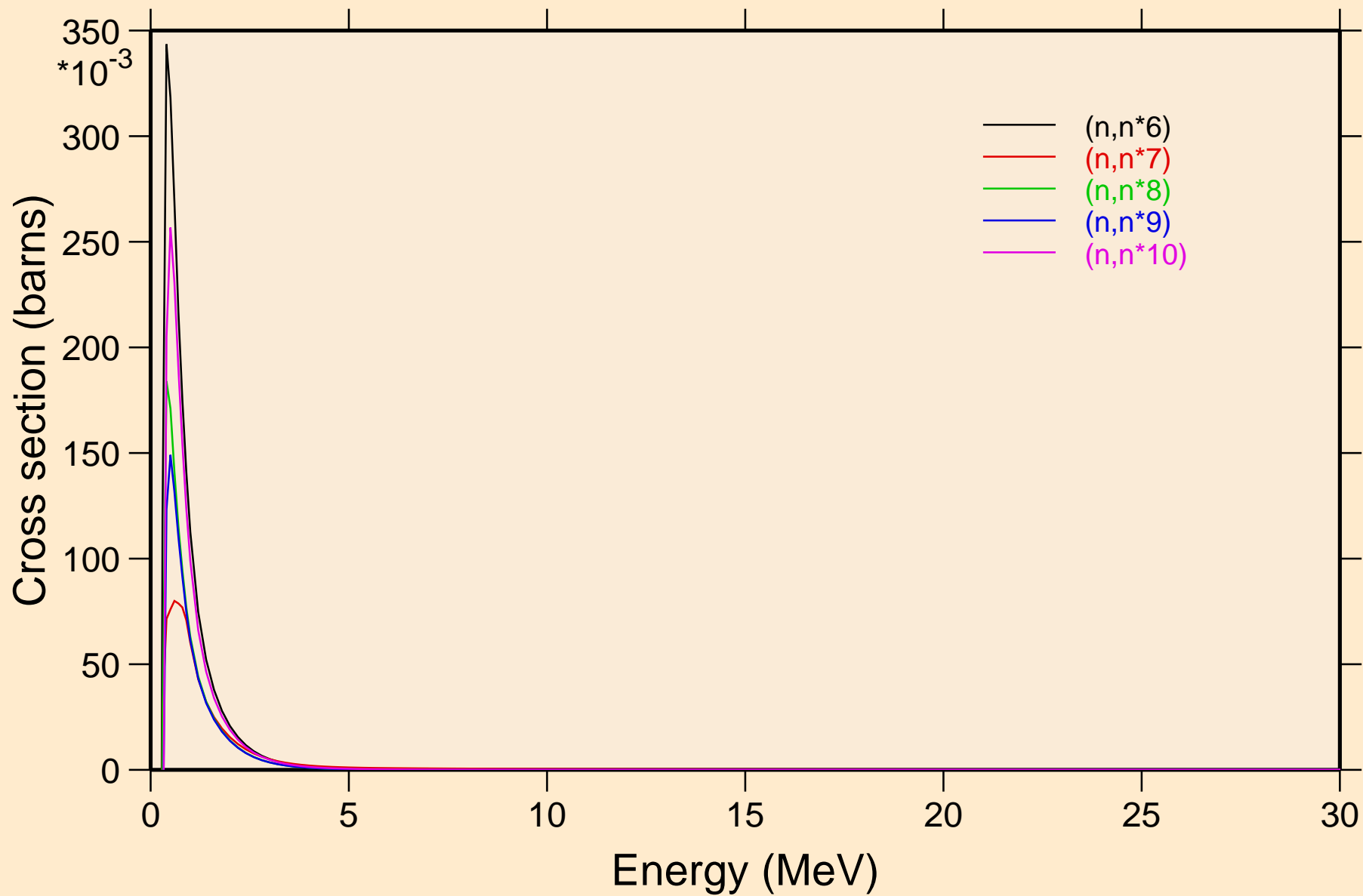
# PD109 NRG TENDL-2015, AKONING

## Inelastic levels



# PD109 NRG TENDL-2015, AKONING

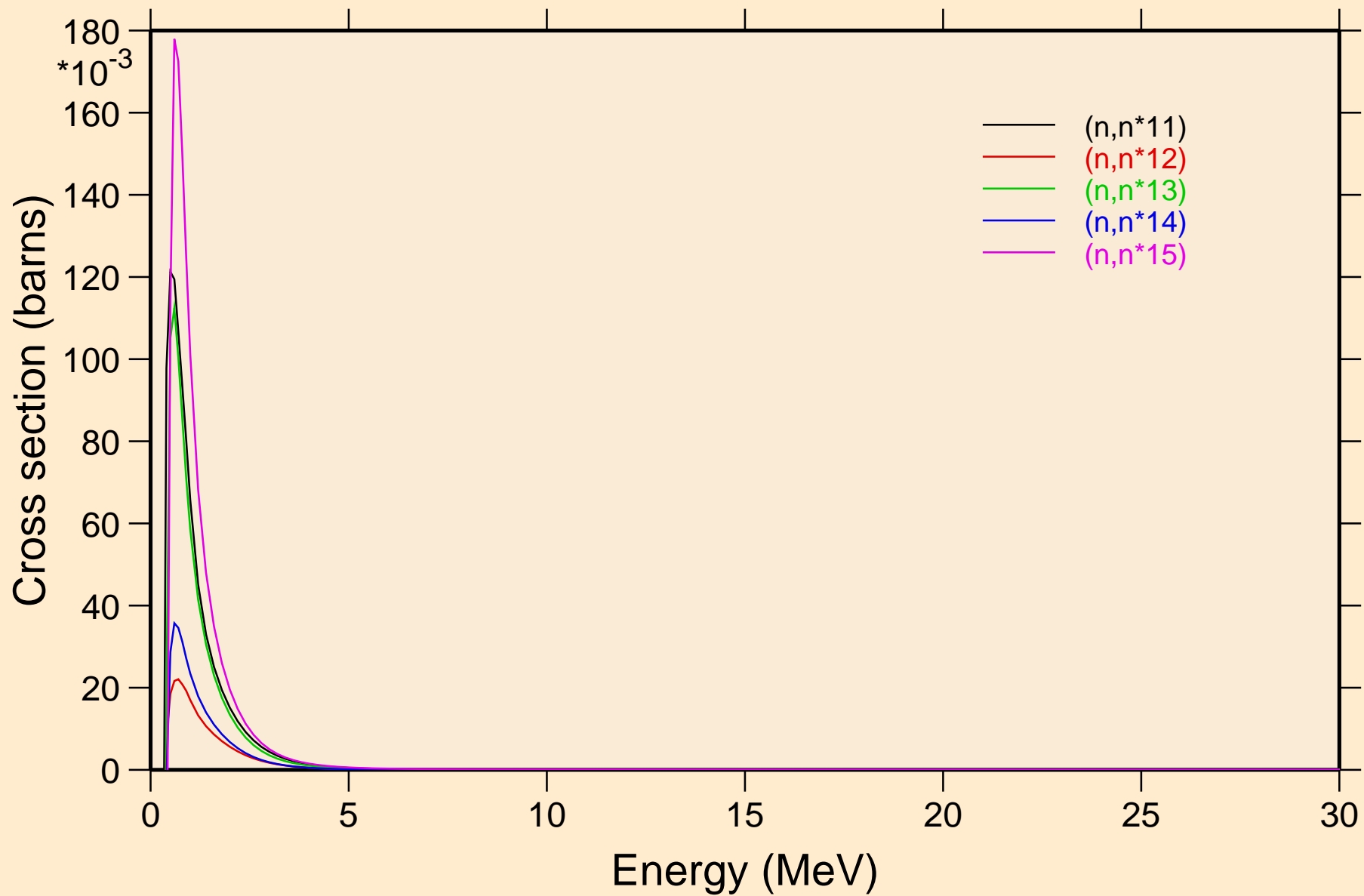
## Inelastic levels





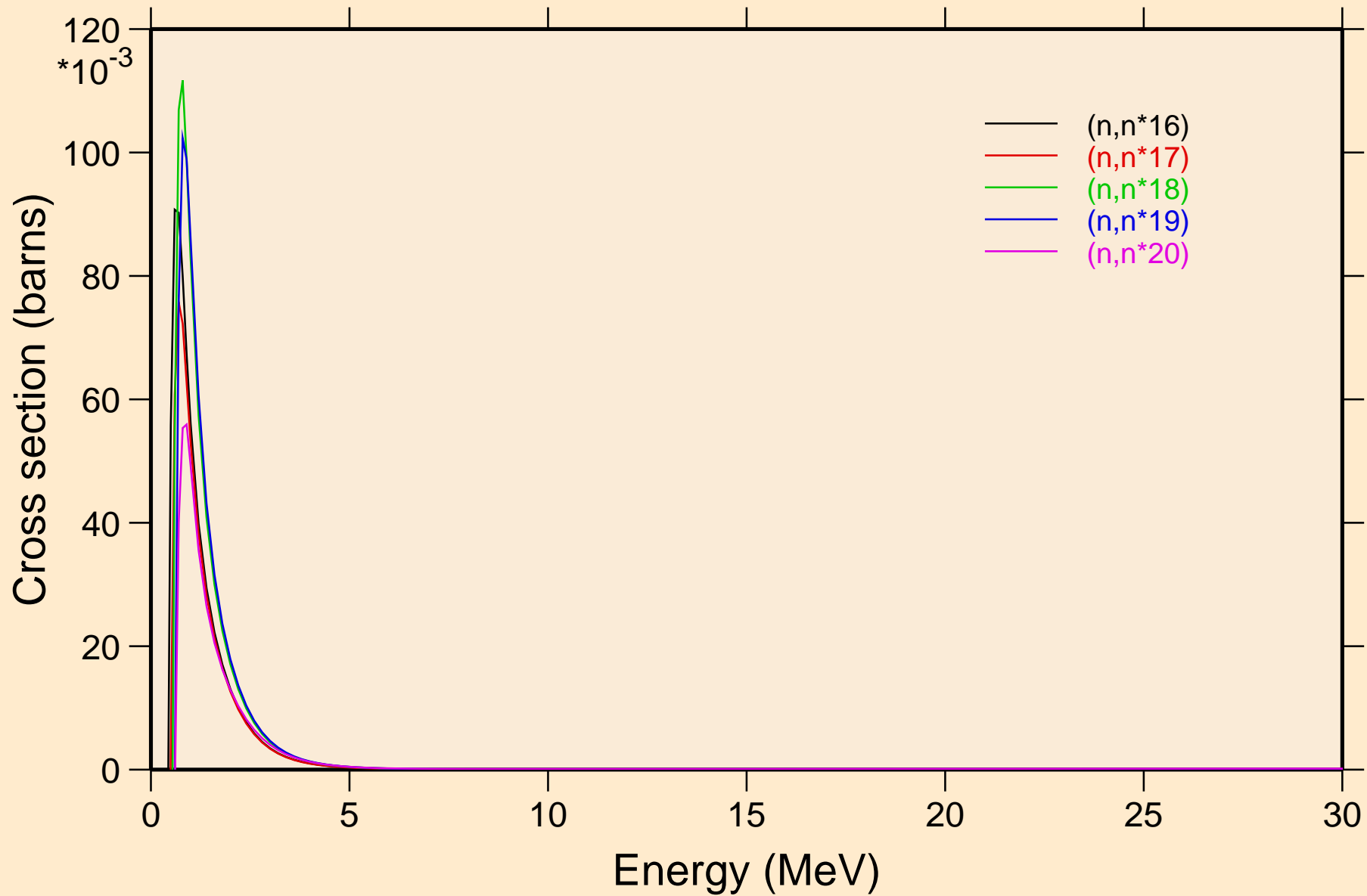
# PD109 NRG TENDL-2015, AKONING

## Inelastic levels



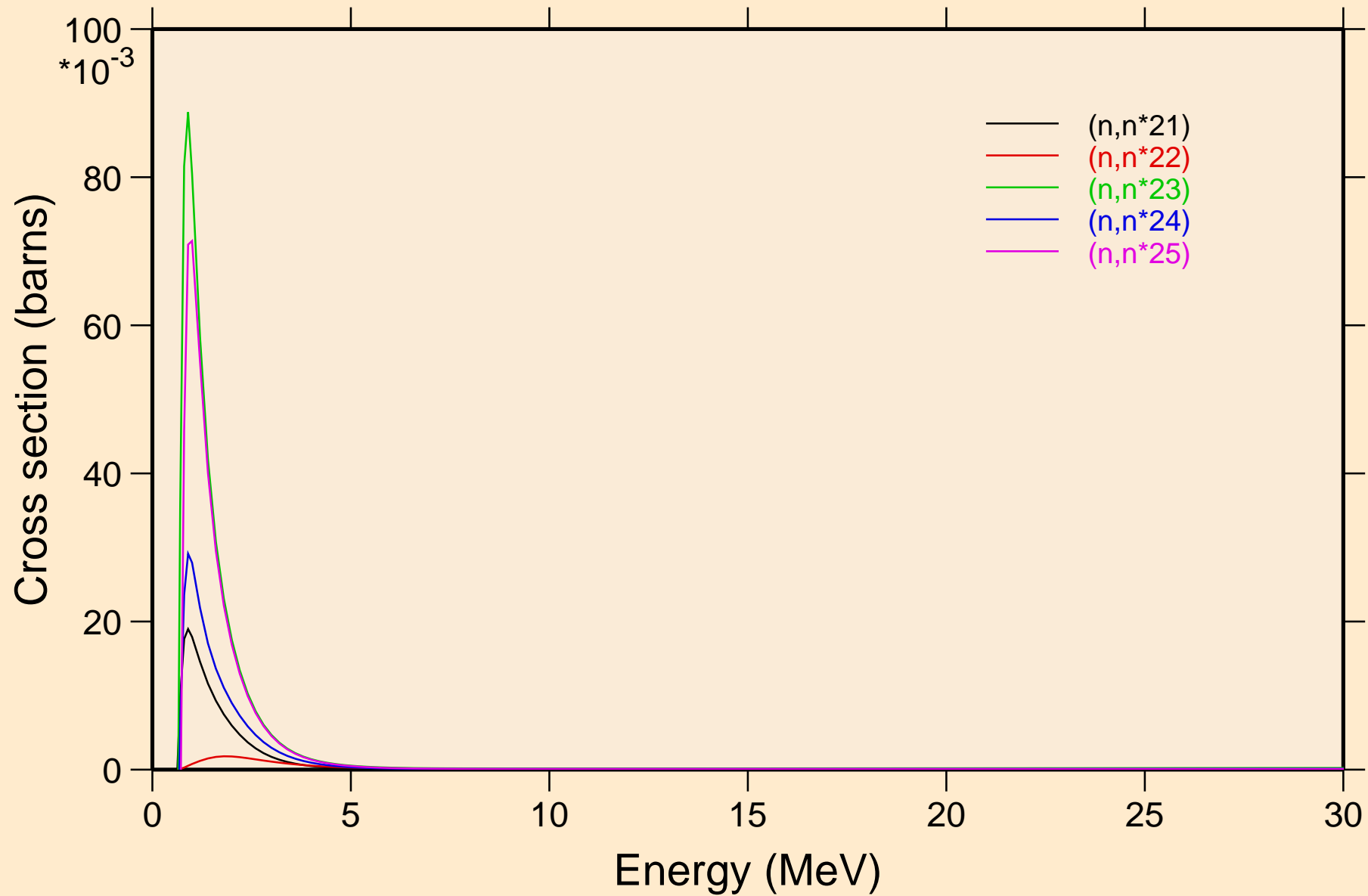
# PD109 NRG TENDL-2015, AKONING

## Inelastic levels



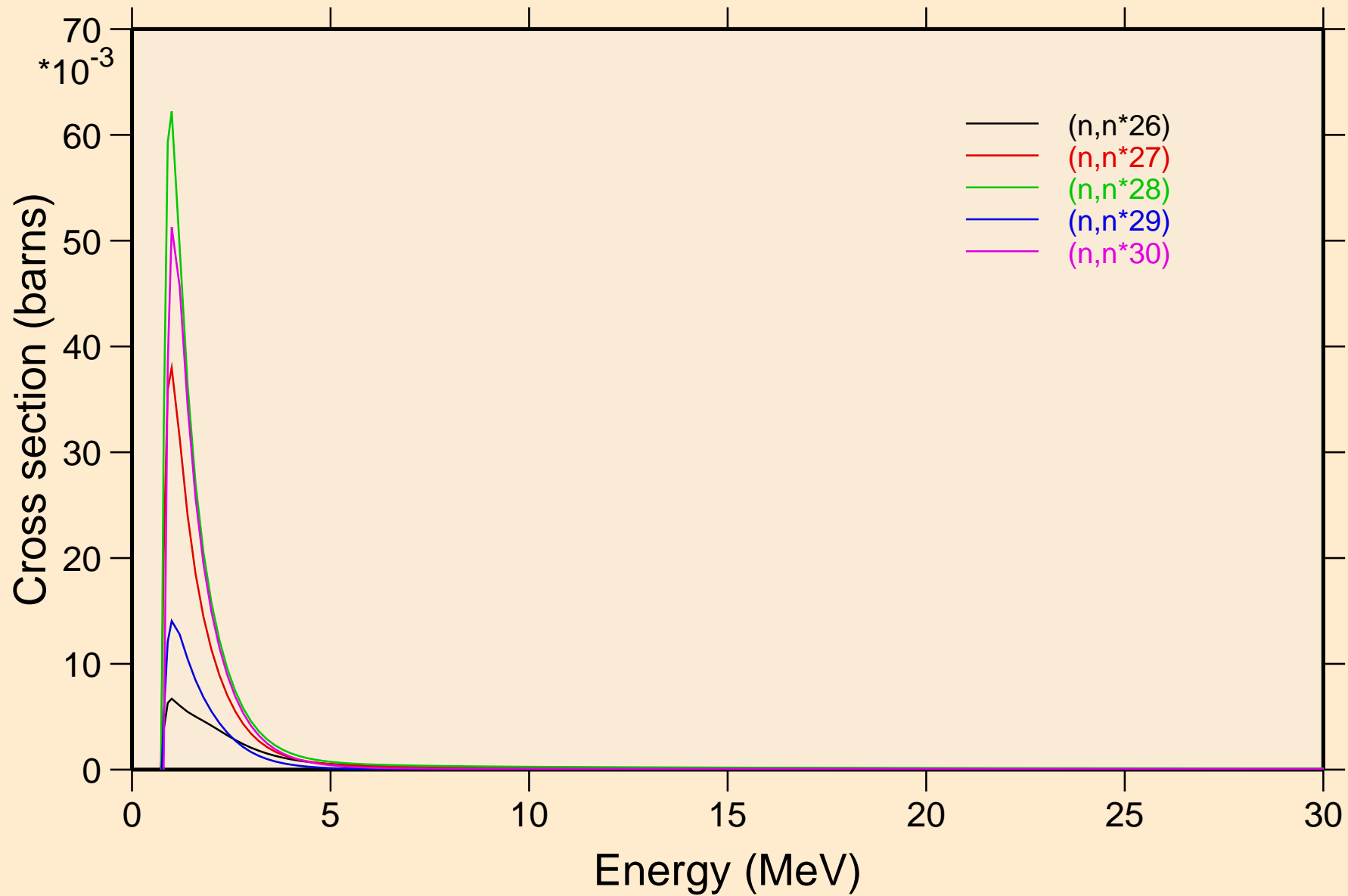
# PD109 NRG TENDL-2015, AKONING

## Inelastic levels



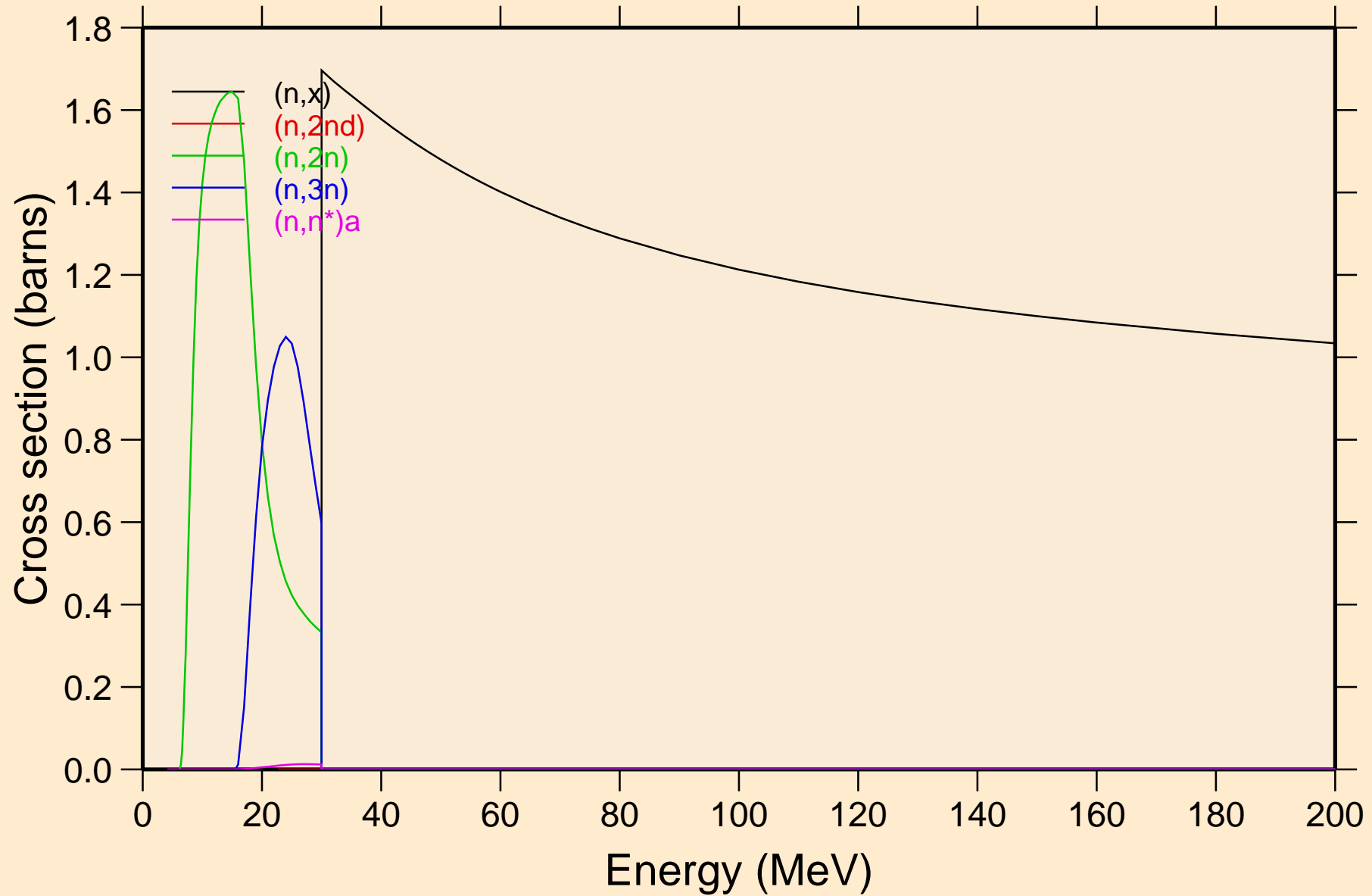
# PD109 NRG TENDL-2015, AKONING

## Inelastic levels



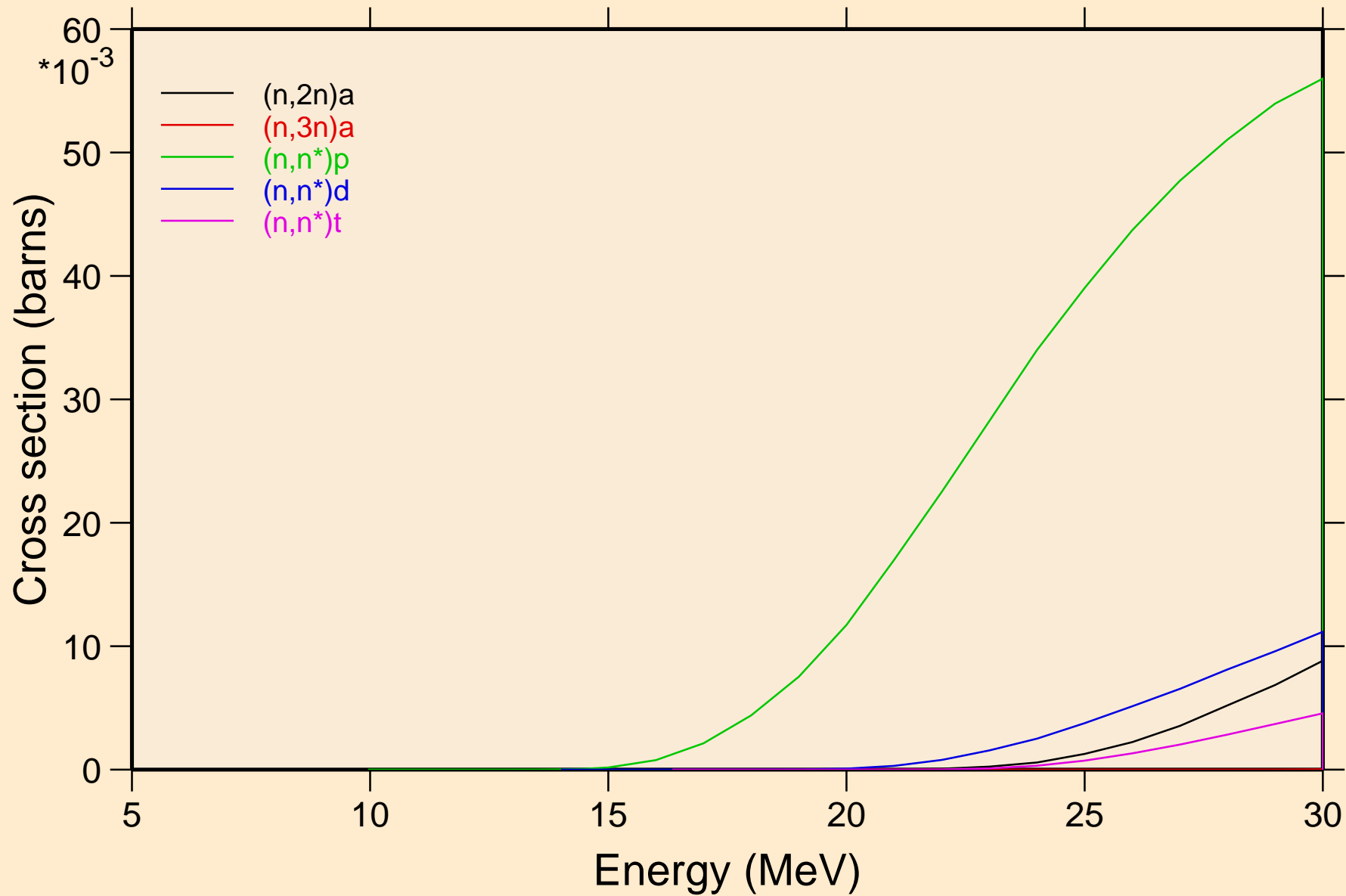
# PD109 NRG TENDL-2015, AKONING

## Threshold reactions



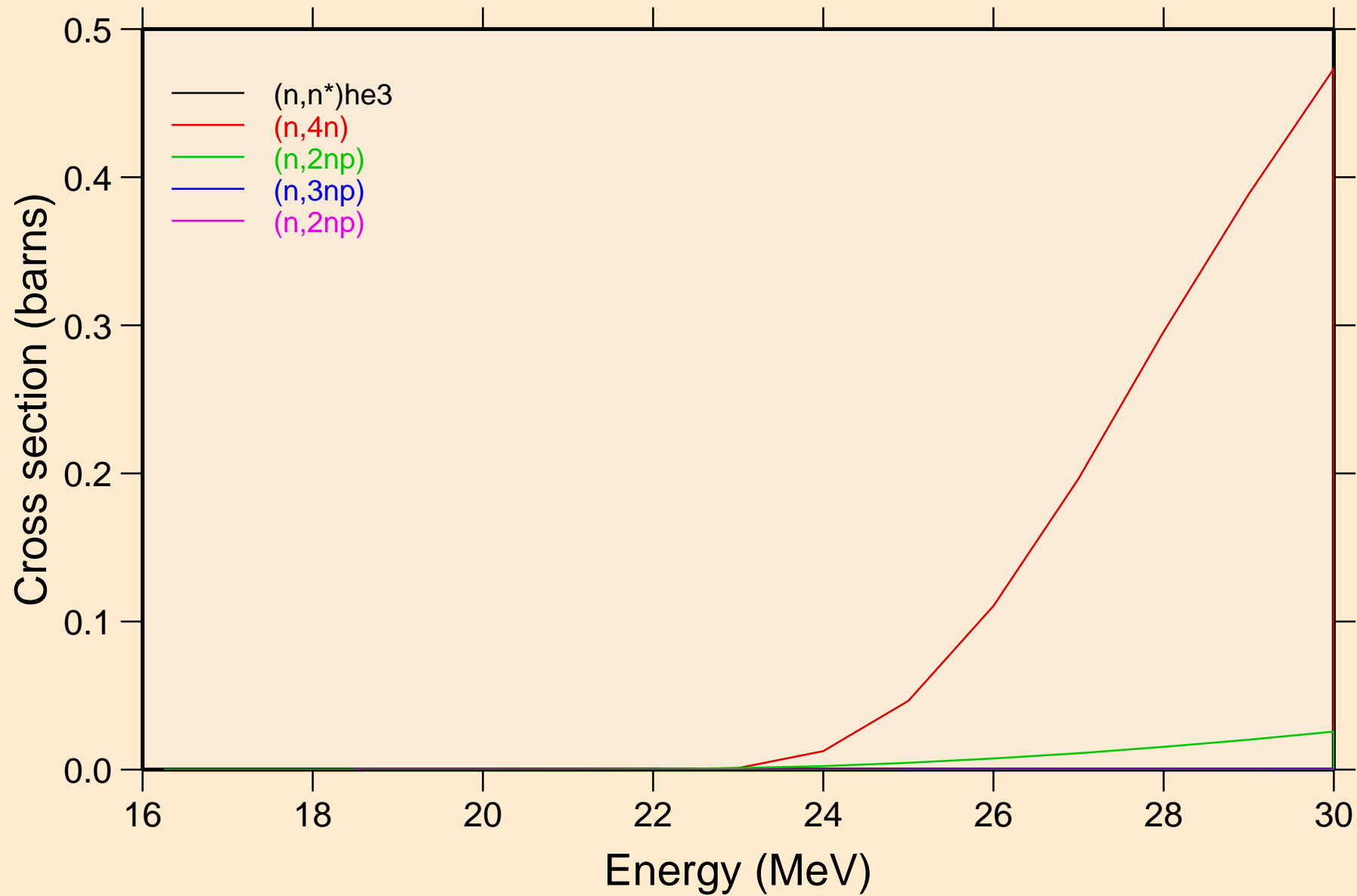
# PD109 NRG TENDL-2015, AKONING

## Threshold reactions



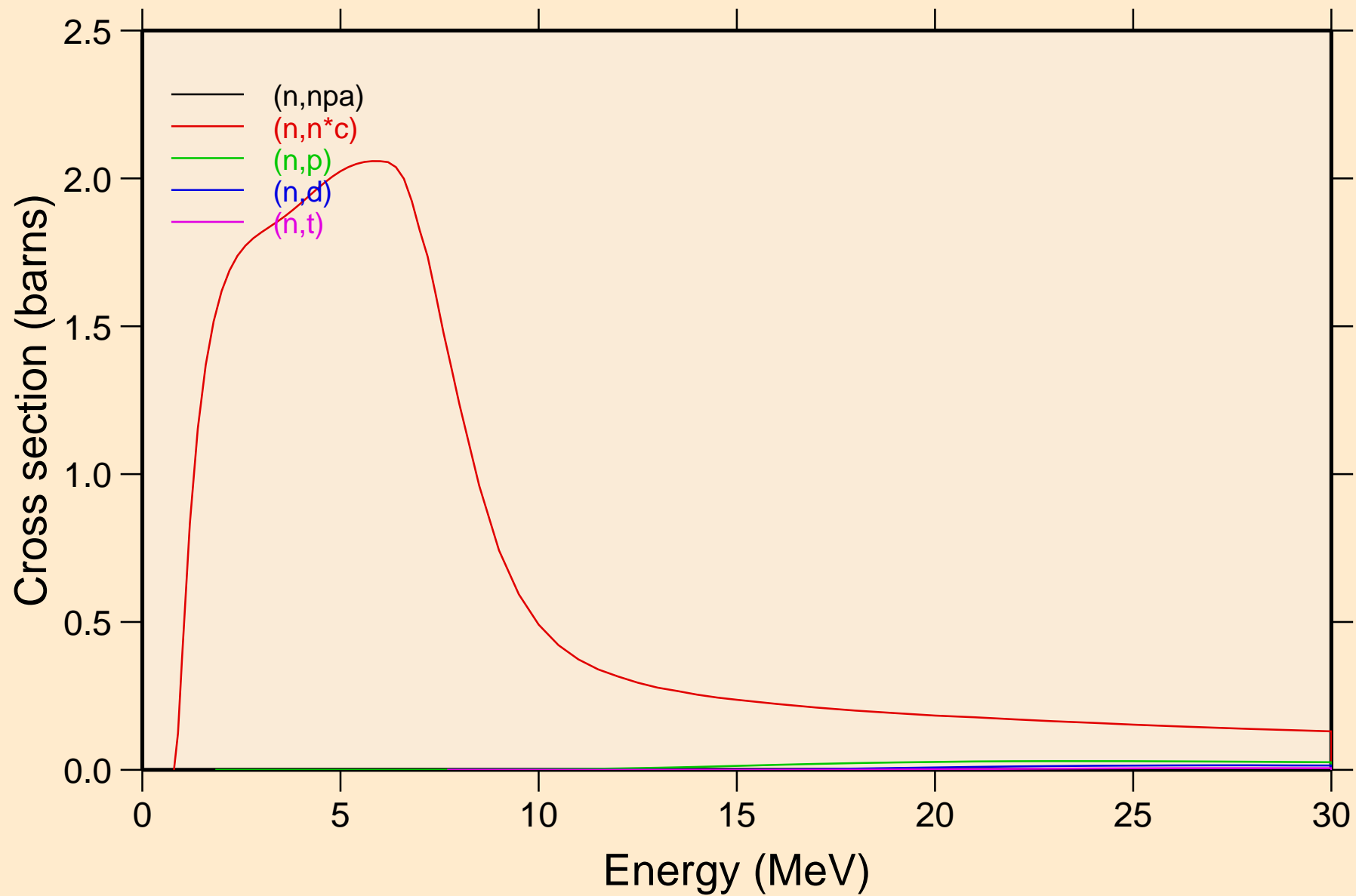
# PD109 NRG TENDL-2015, AKONING

## Threshold reactions



# PD109 NRG TENDL-2015, AKONING

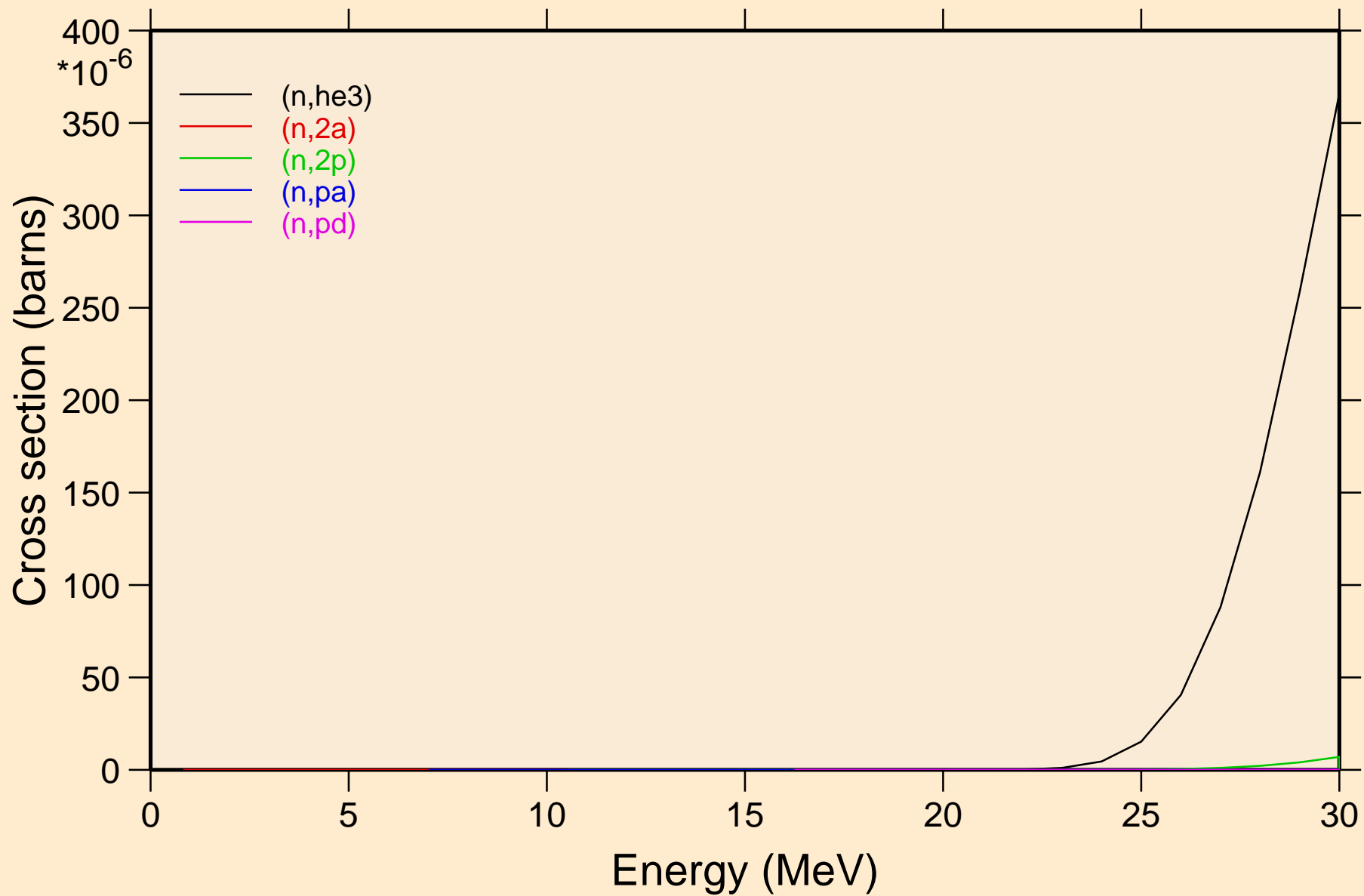
## Threshold reactions





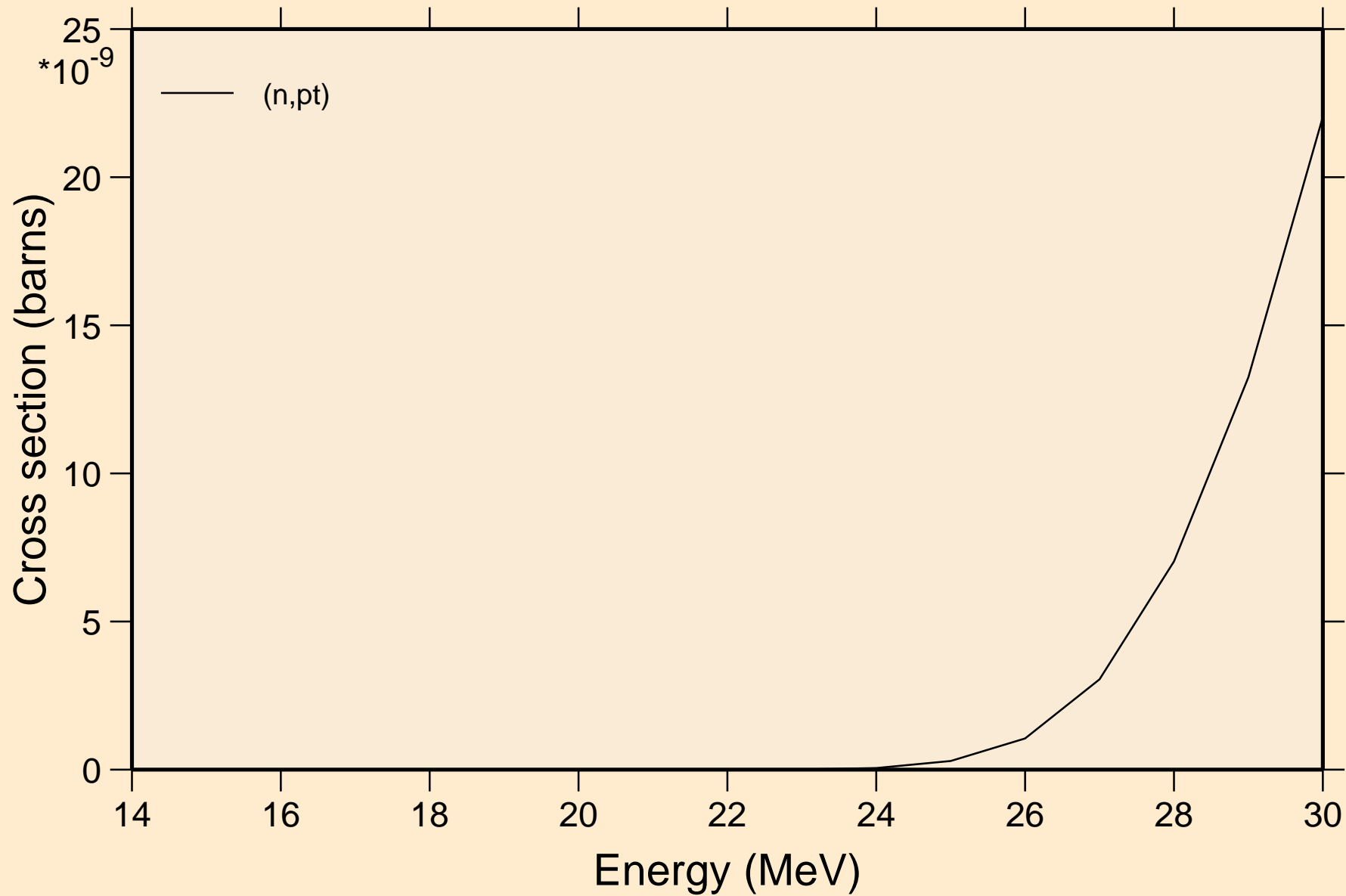
# PD109 NRG TENDL-2015, AKONING

## Threshold reactions

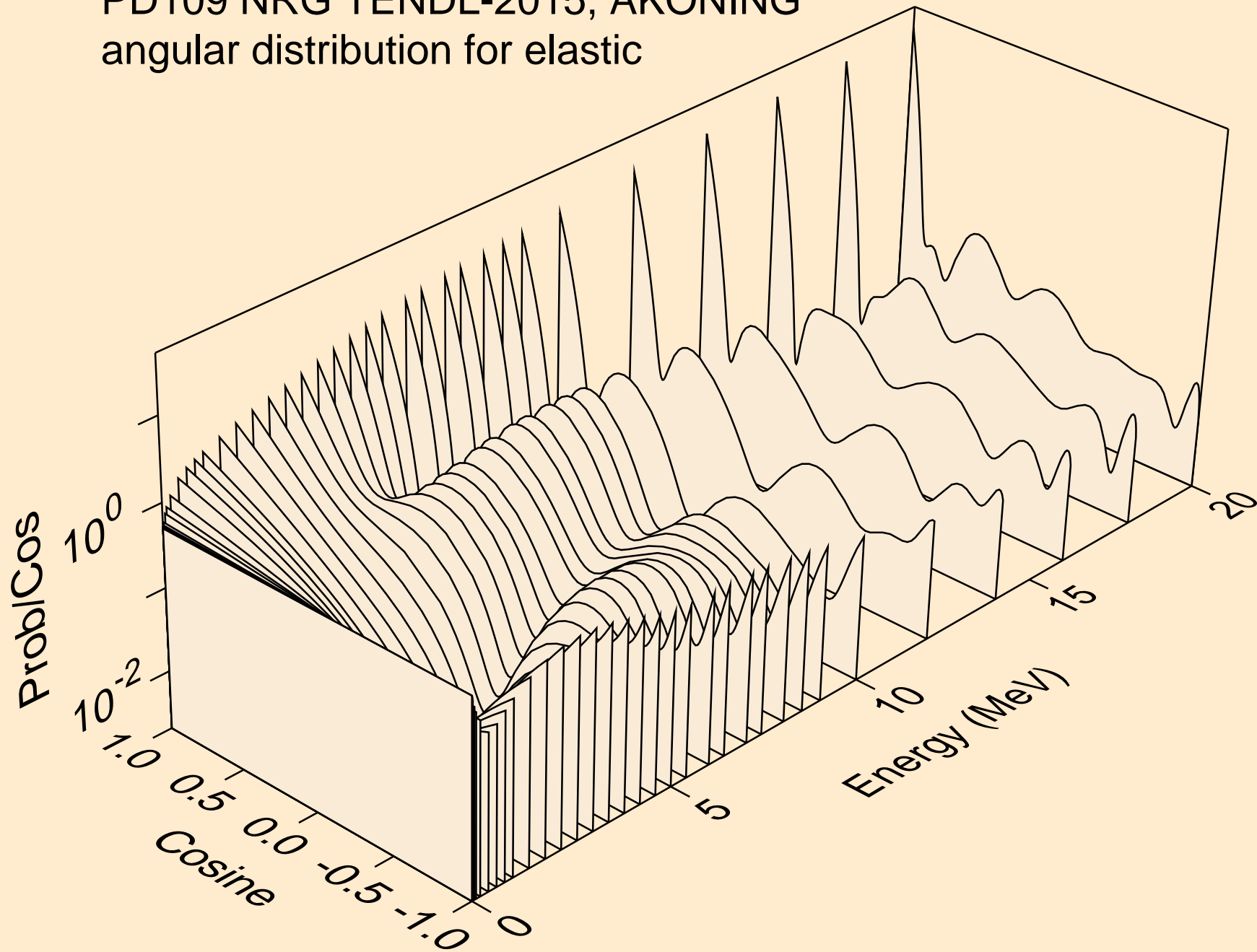


# PD109 NRG TENDL-2015, AKONING

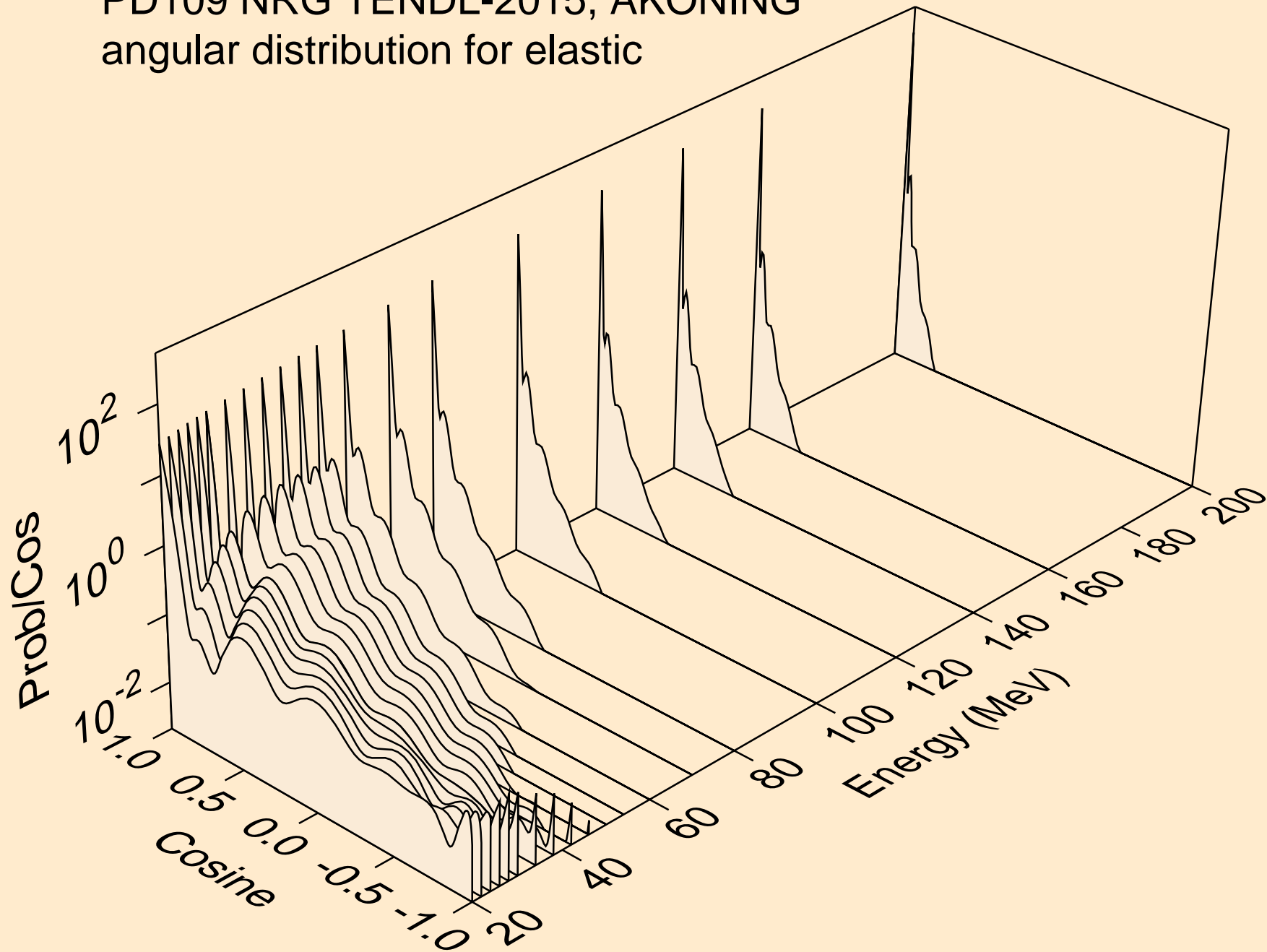
## Threshold reactions



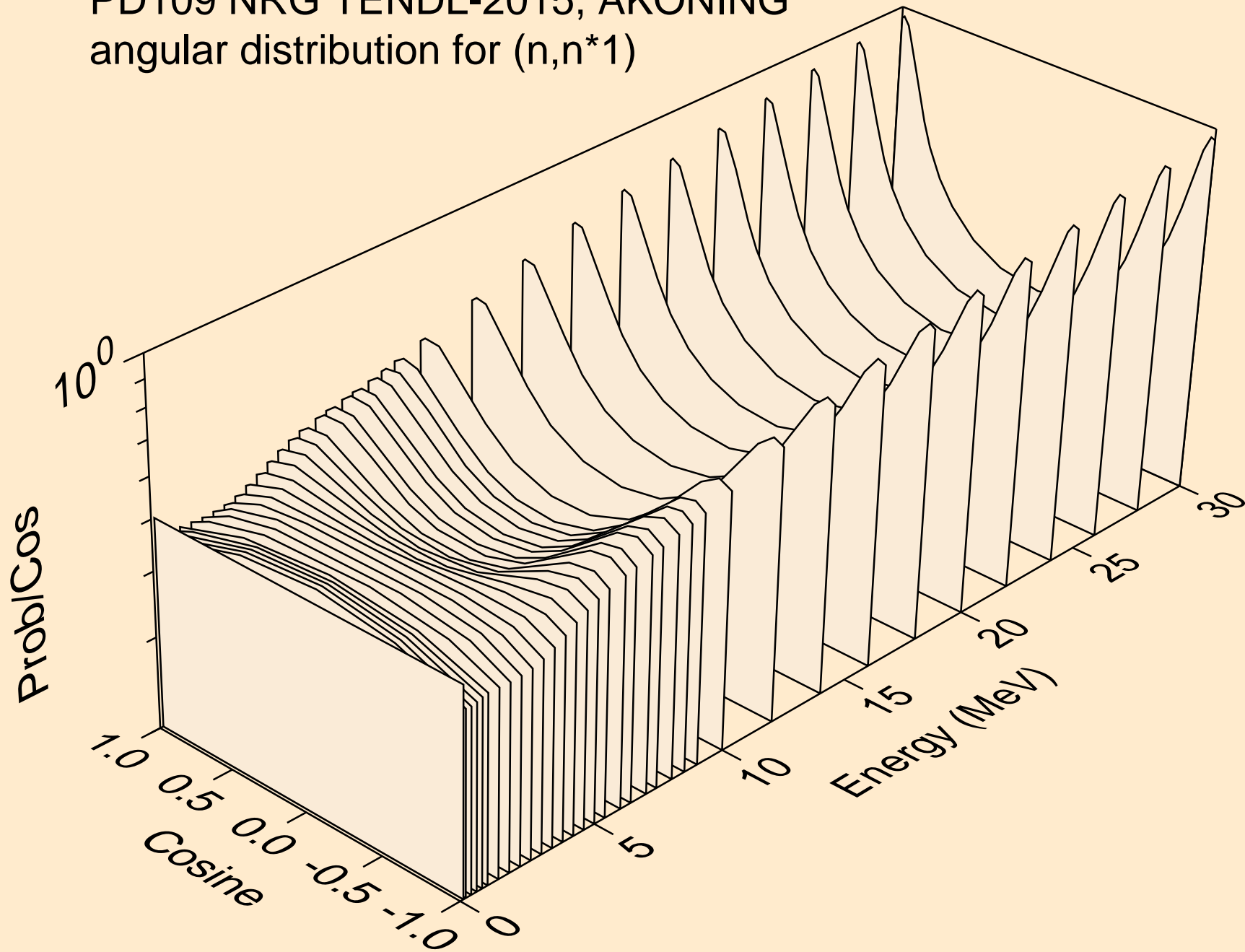
PD109 NRG TENDL-2015, AKONING  
angular distribution for elastic



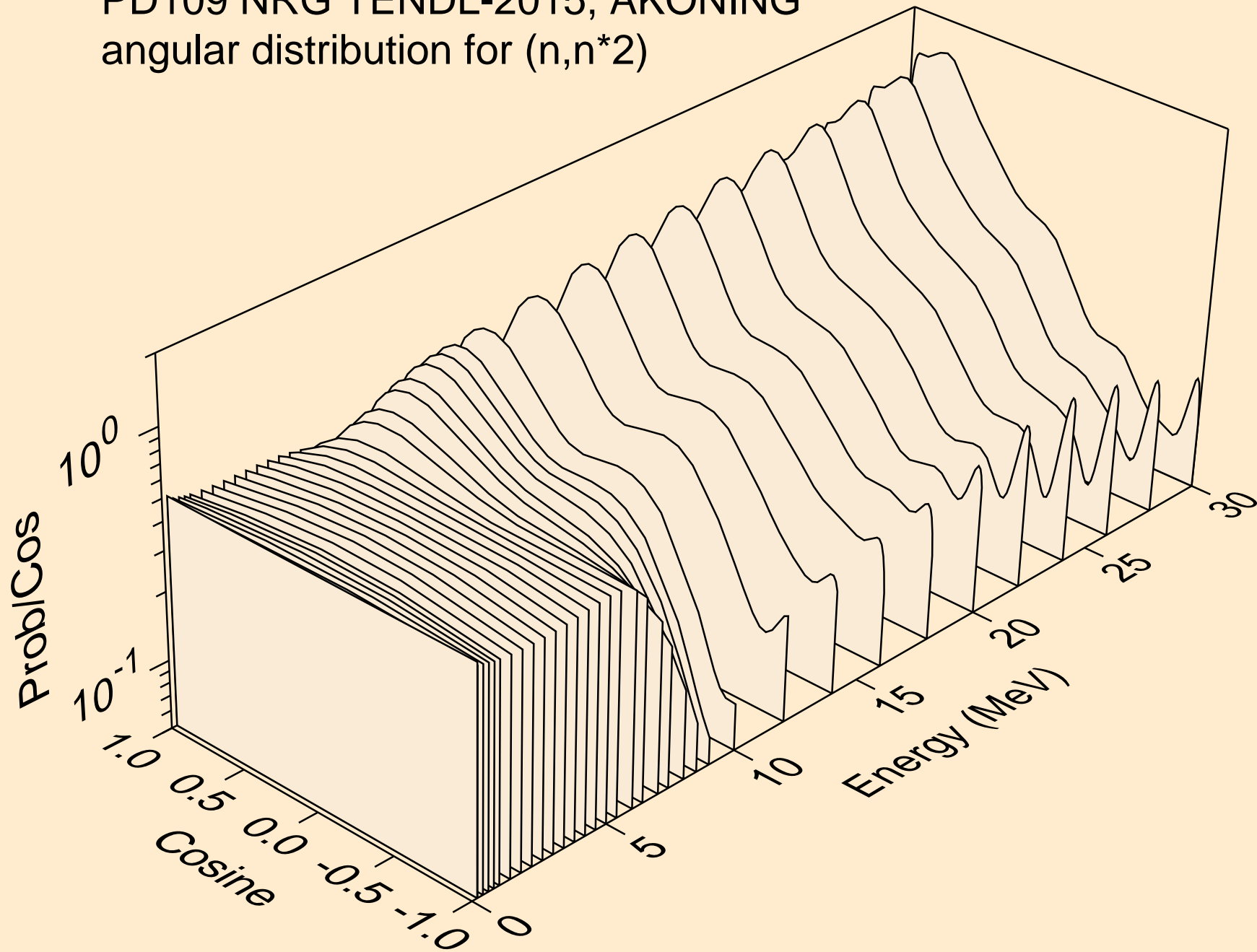
PD109 NRG TENDL-2015, AKONING  
angular distribution for elastic



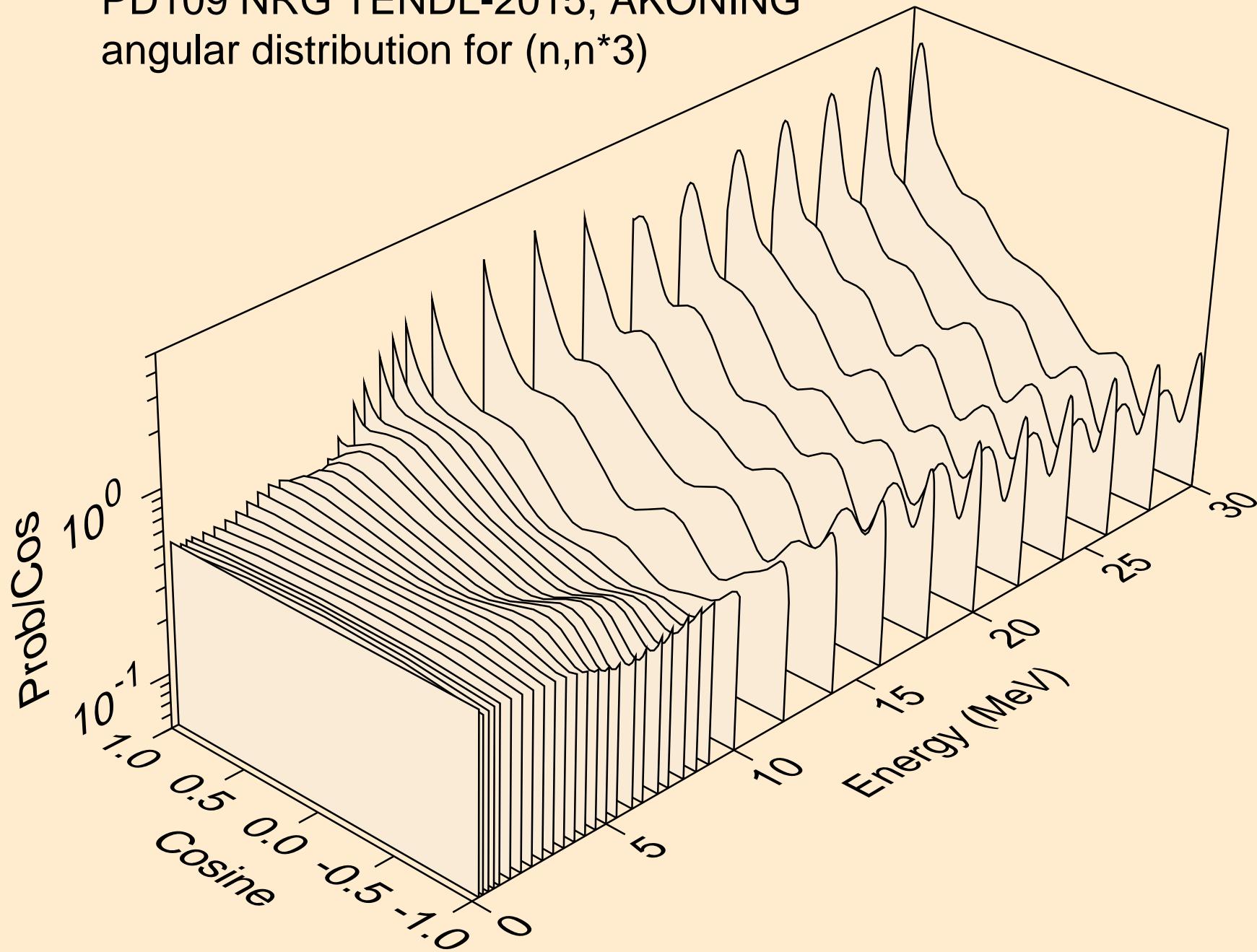
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



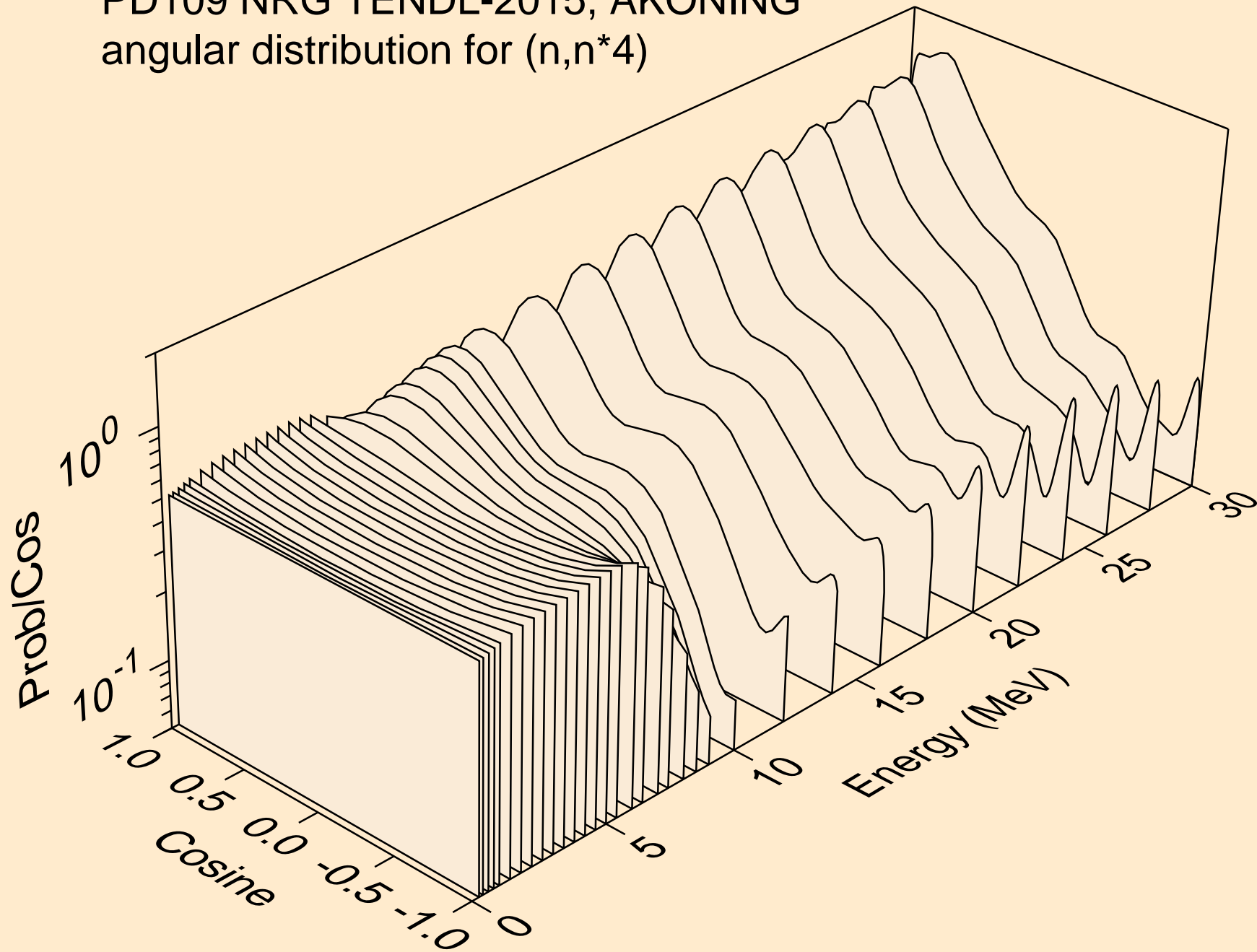
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

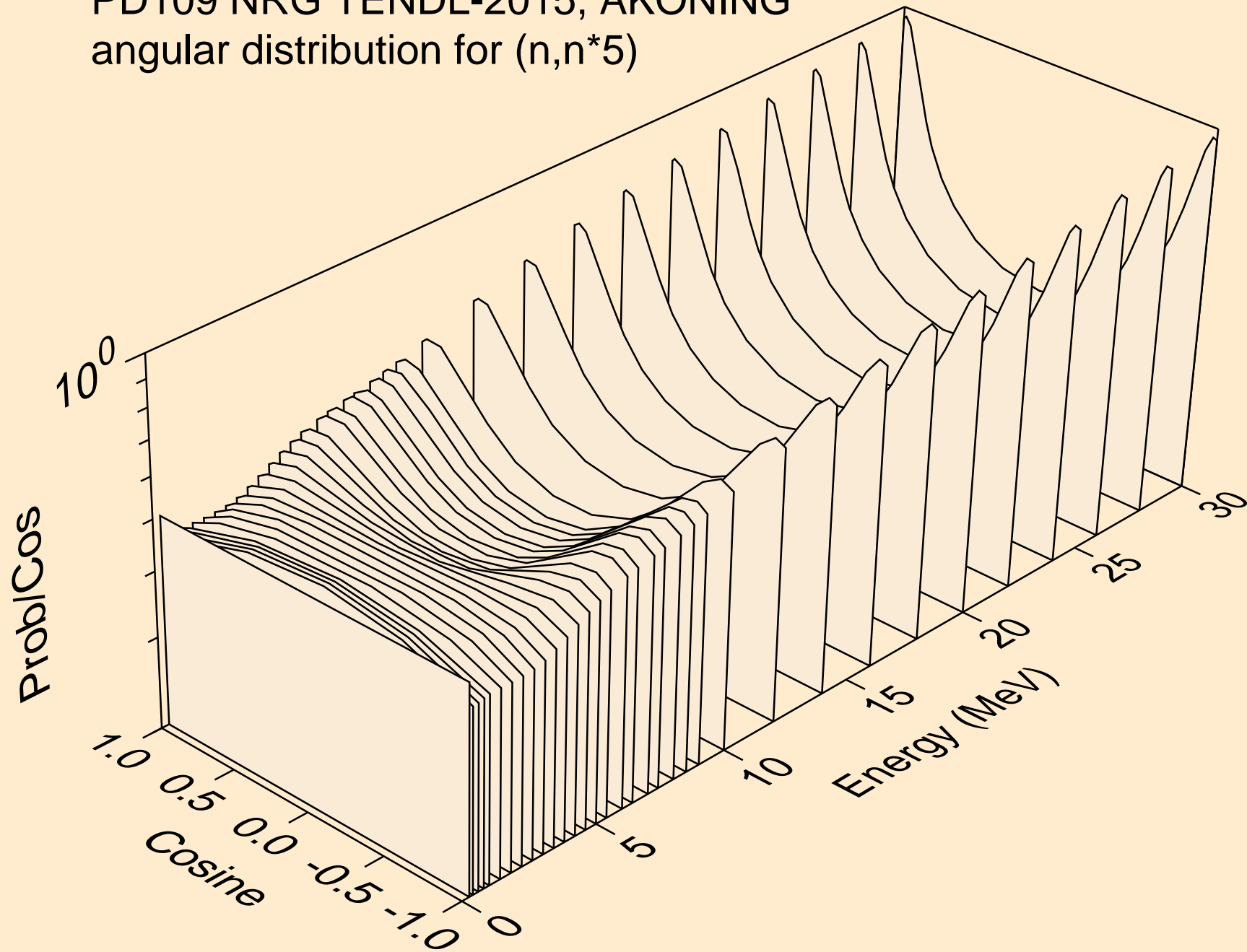


PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

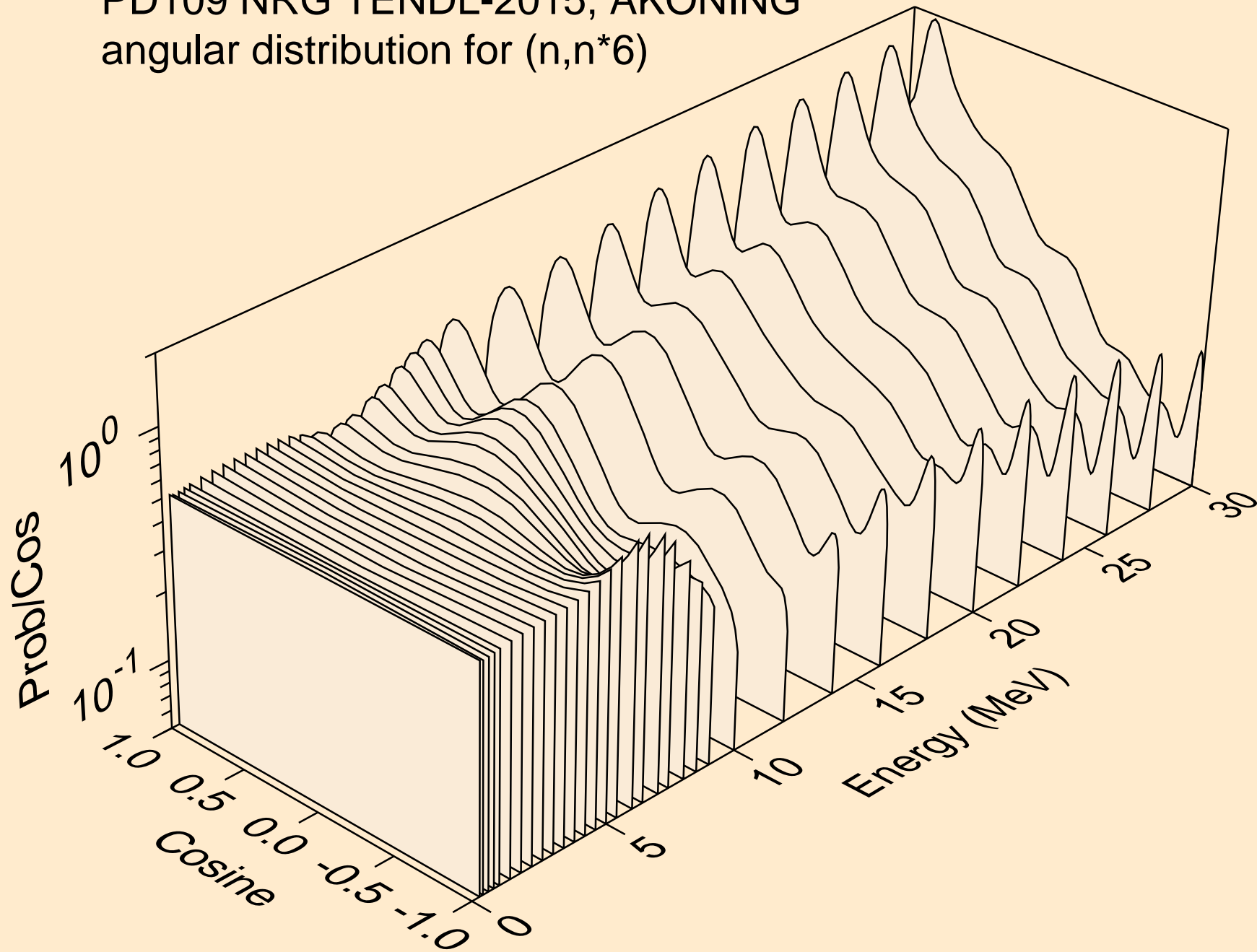




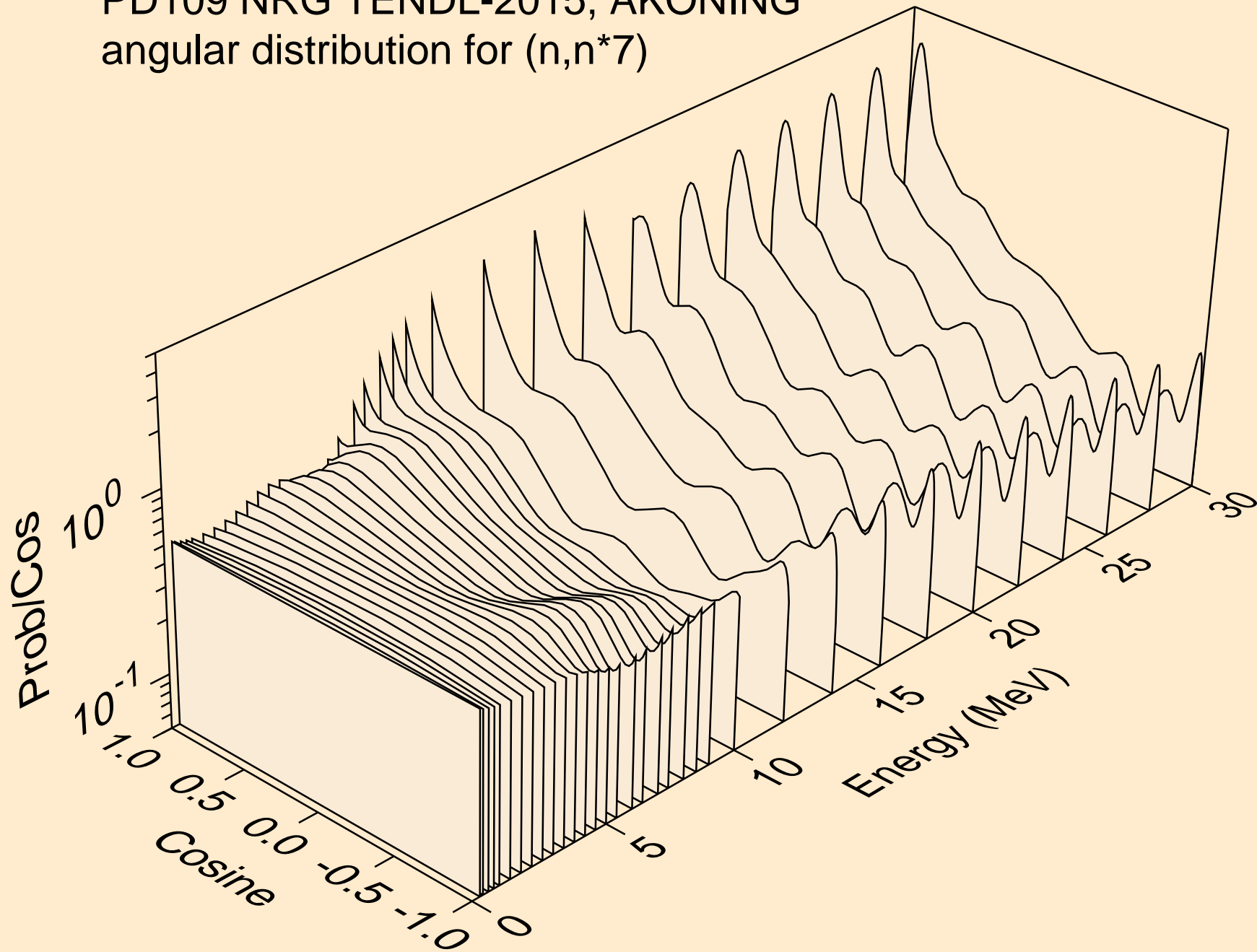
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



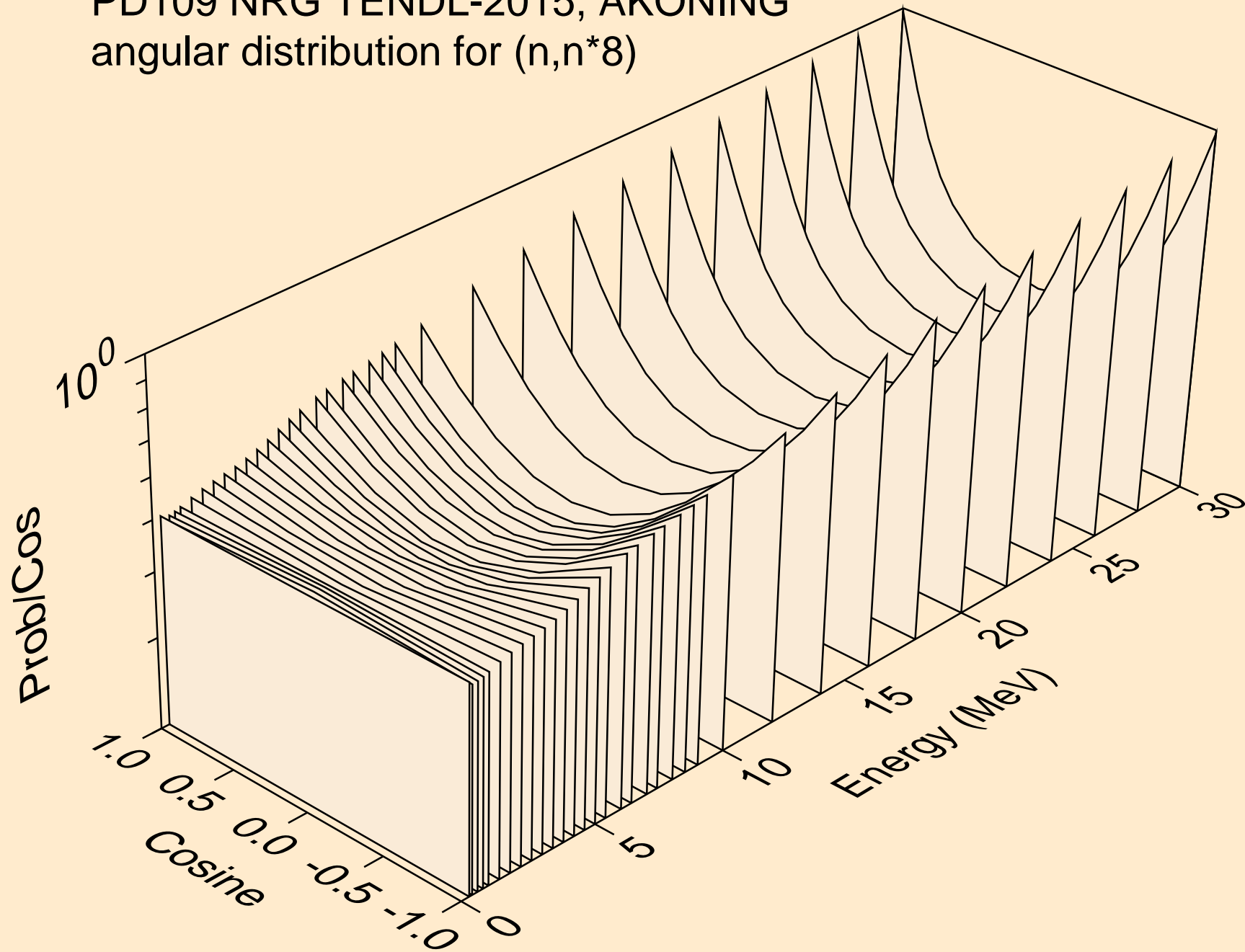
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



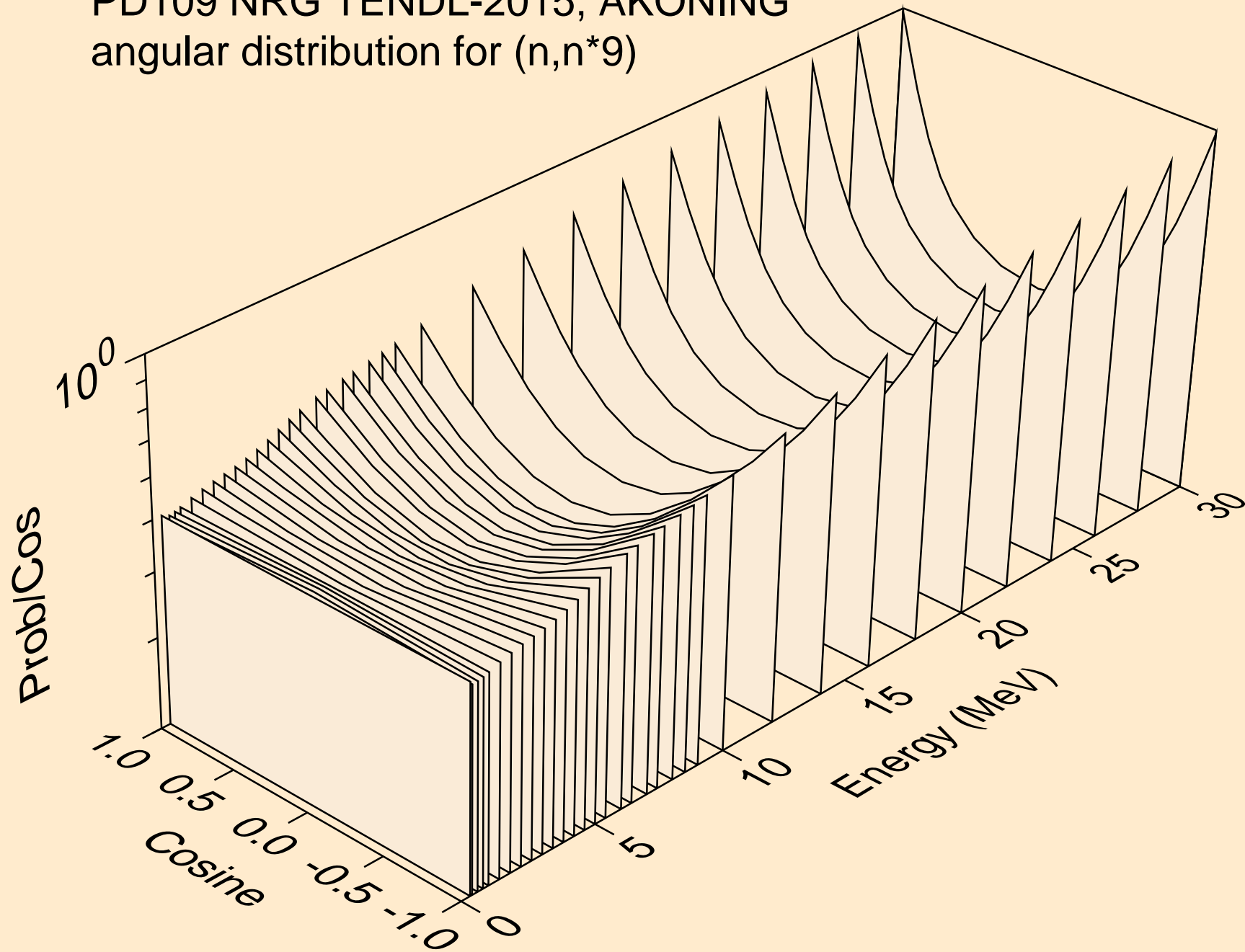
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



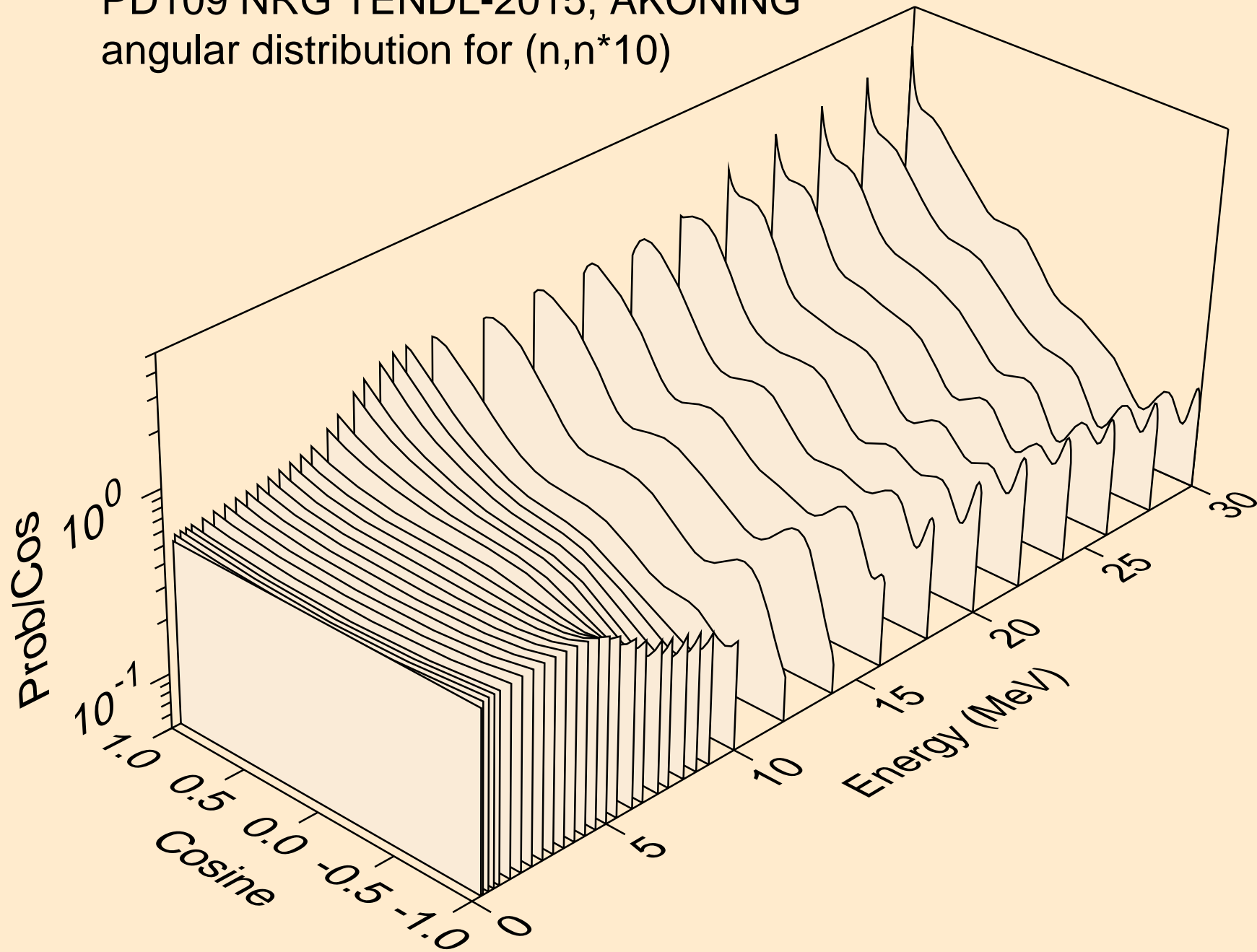
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



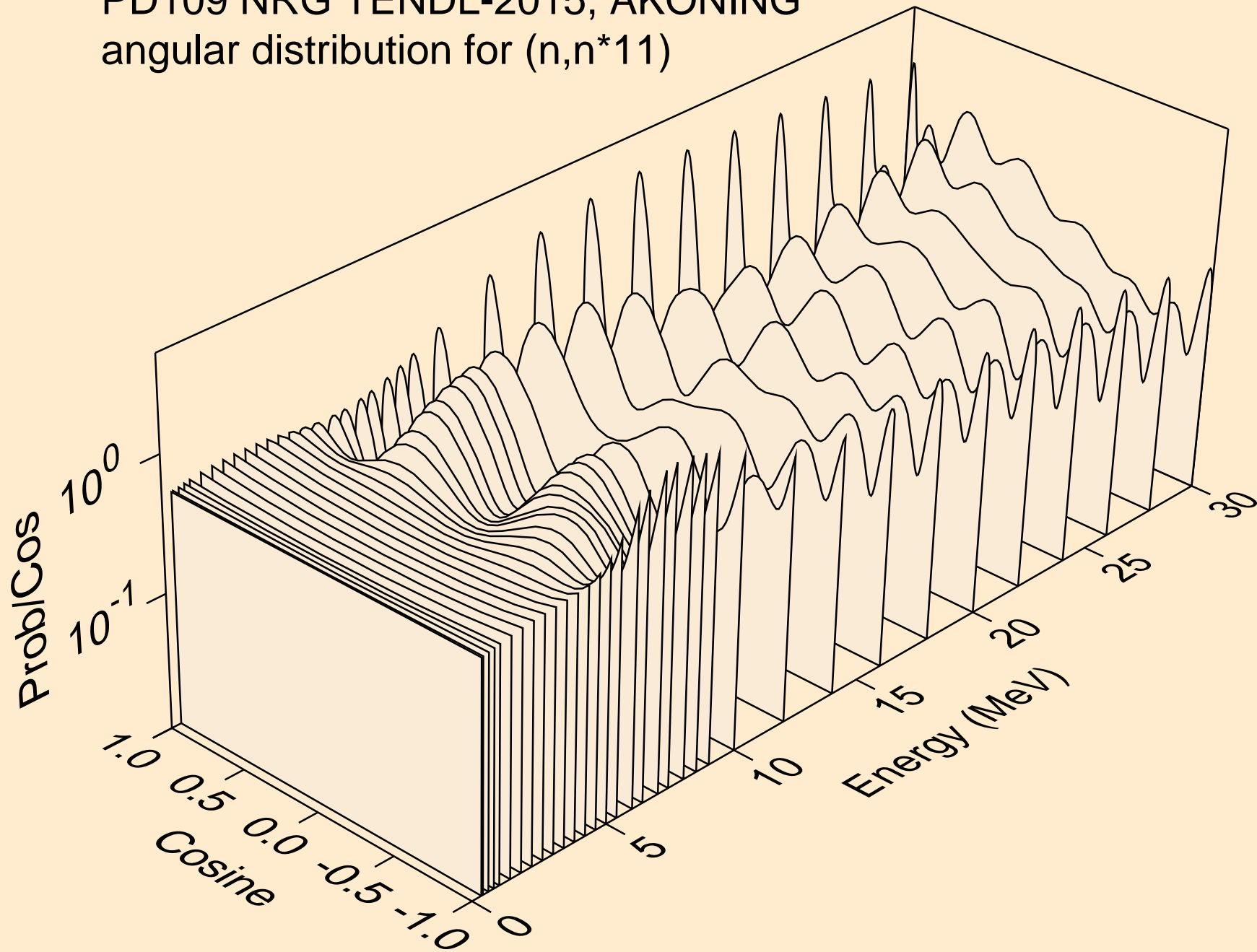
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



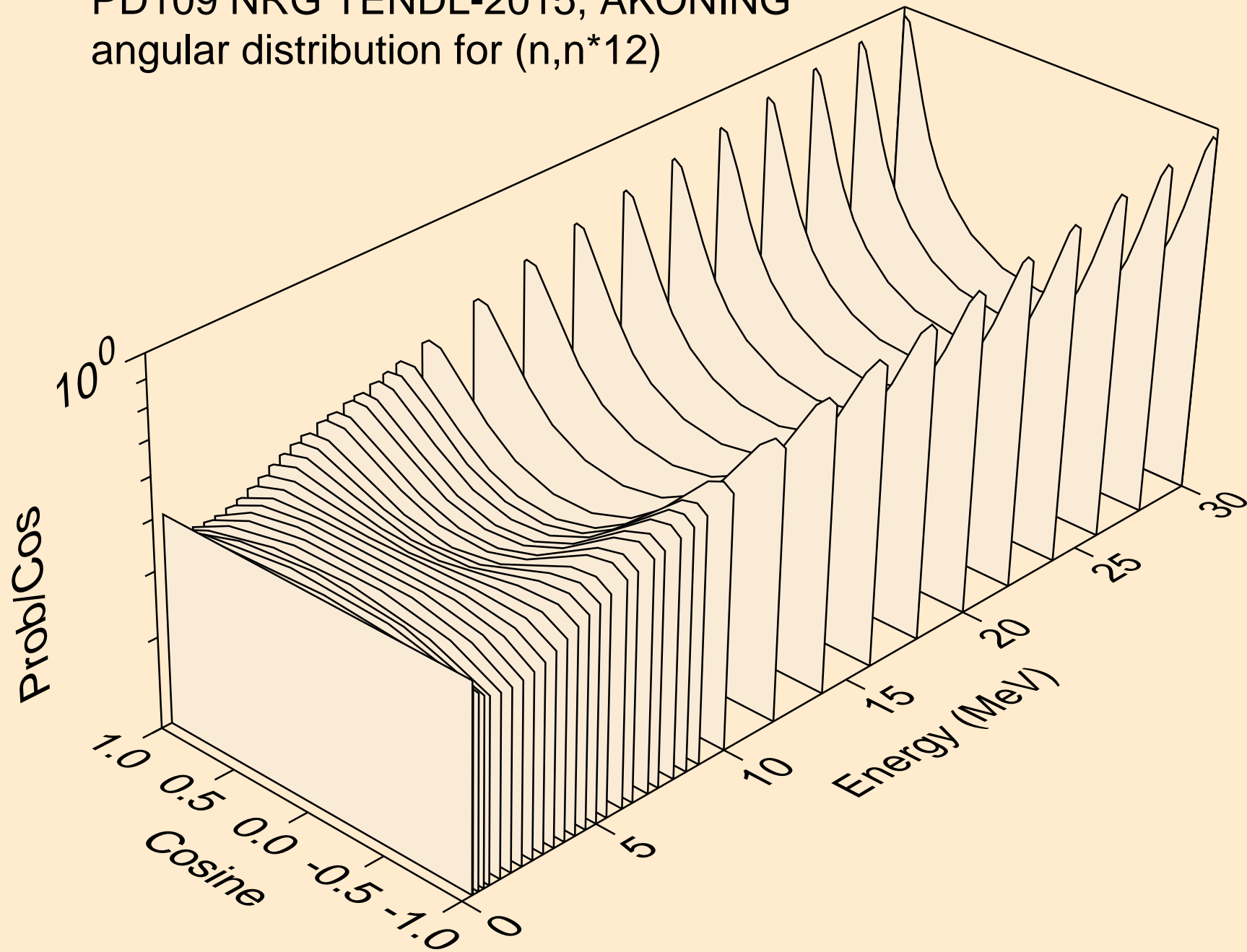
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

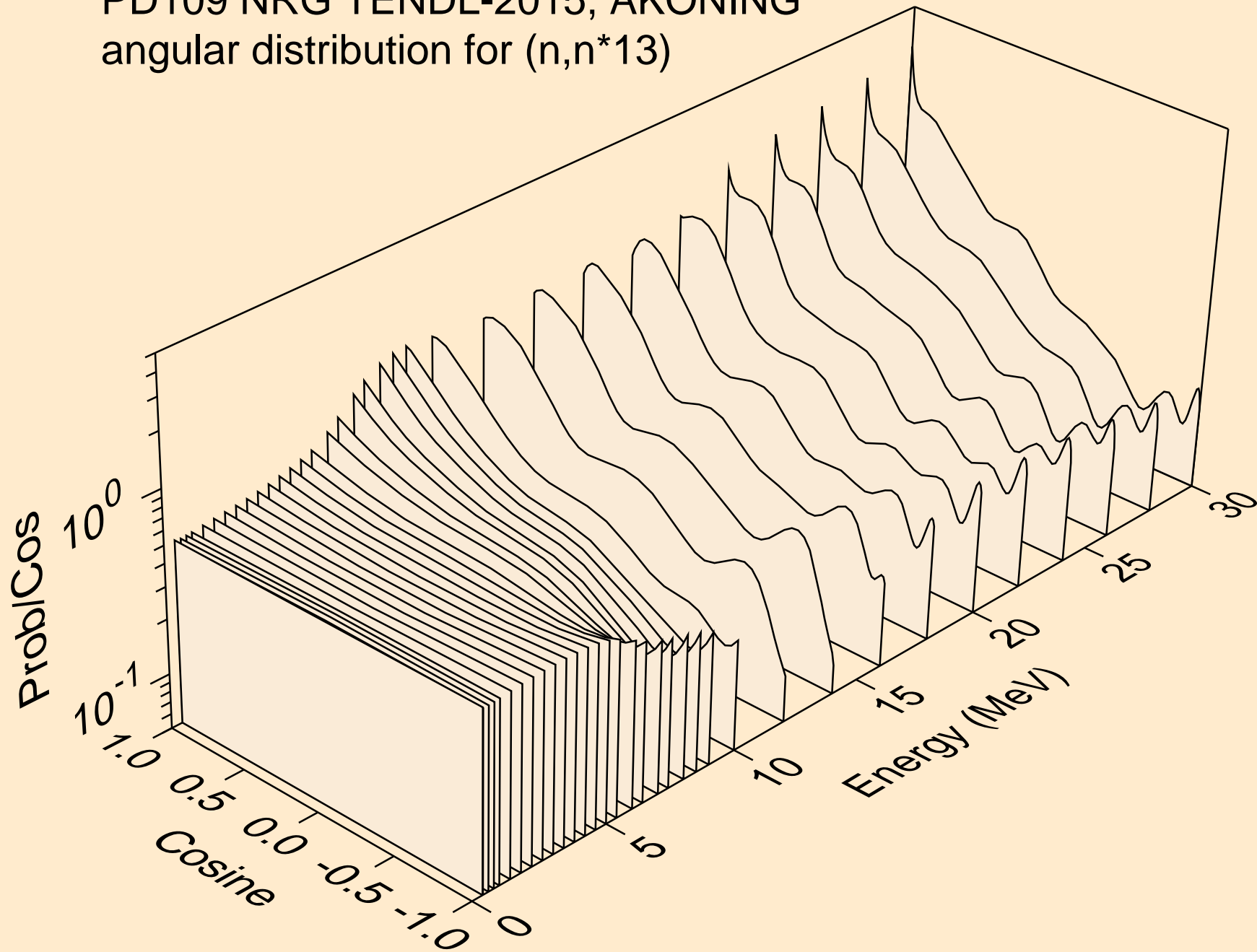


PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

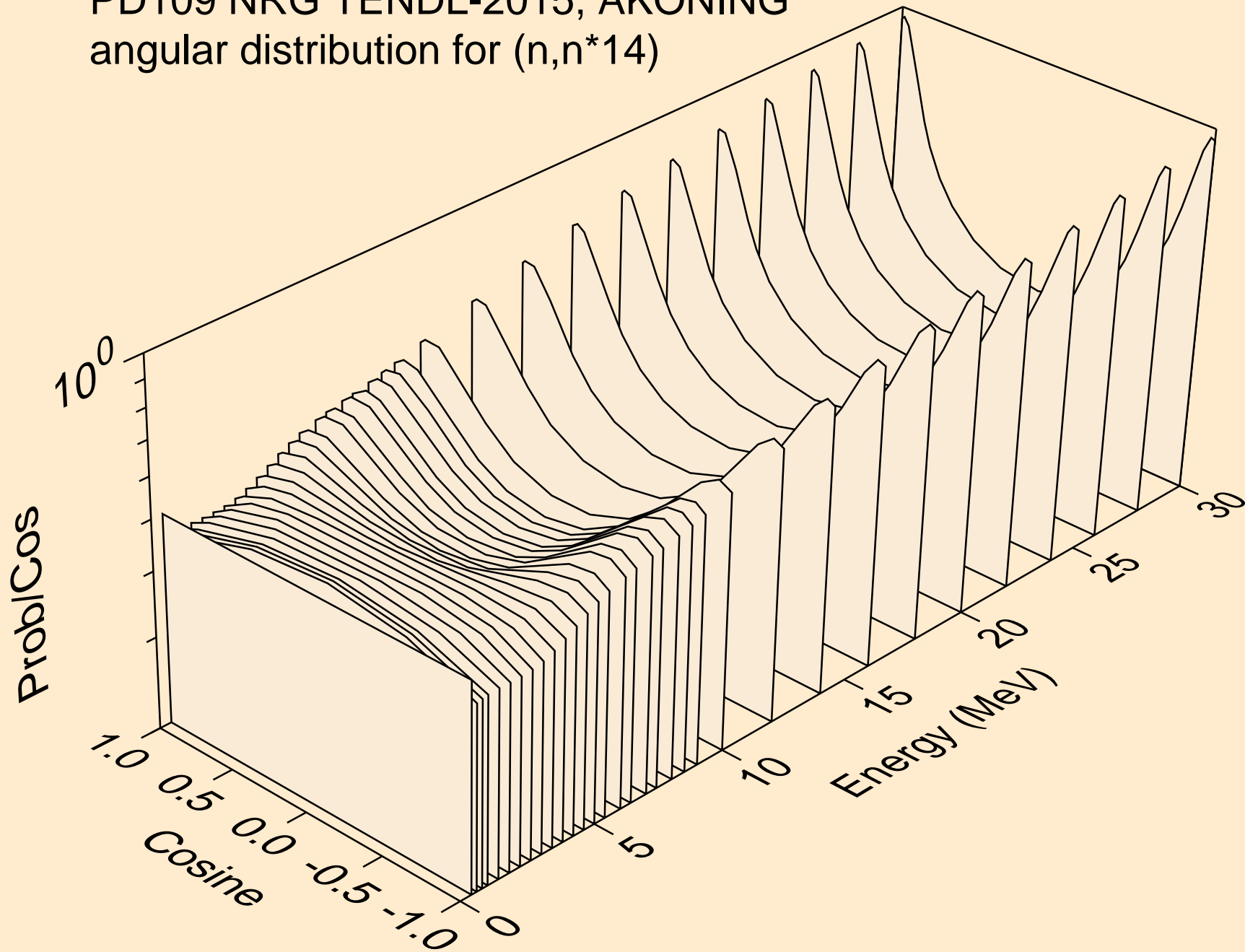




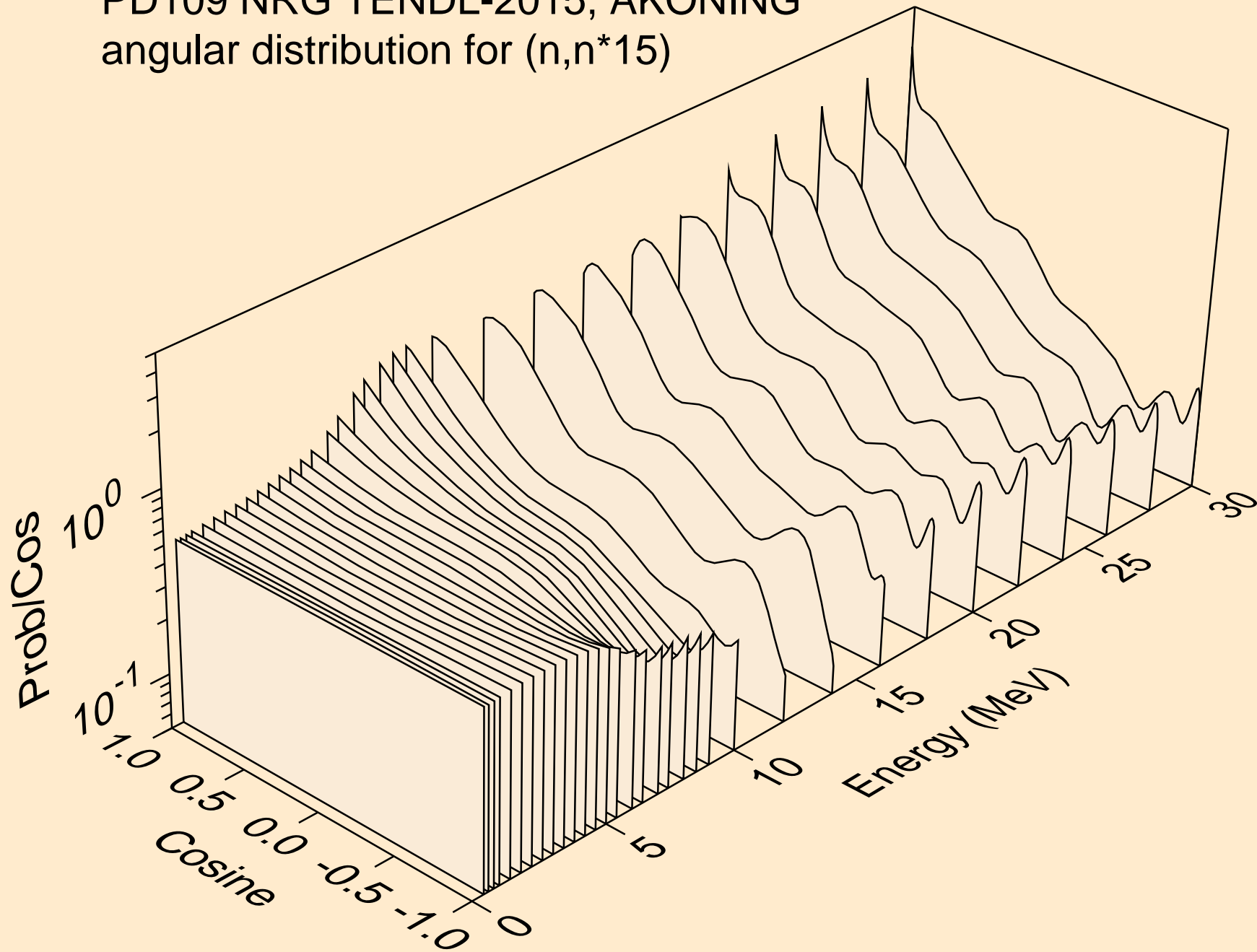
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



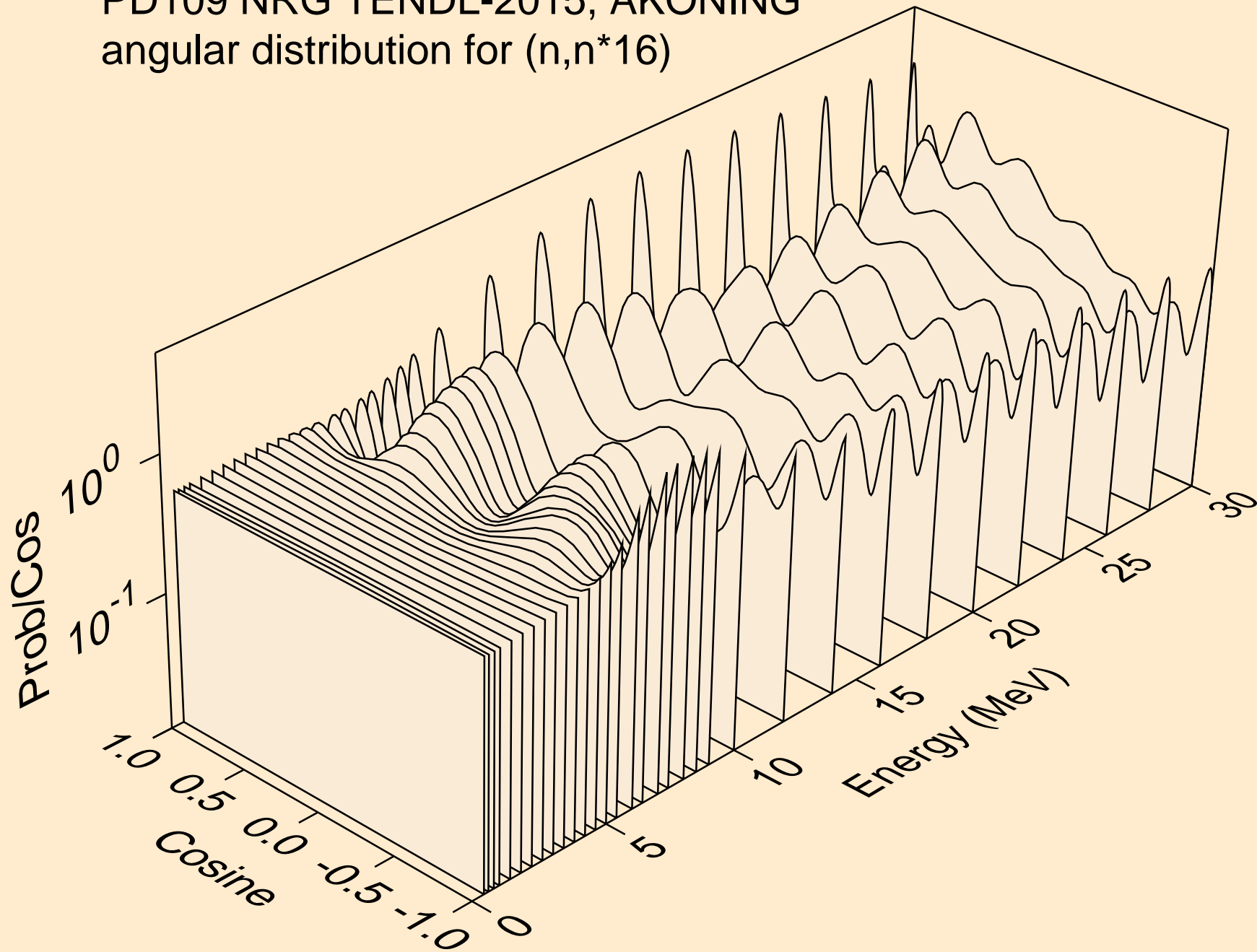
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



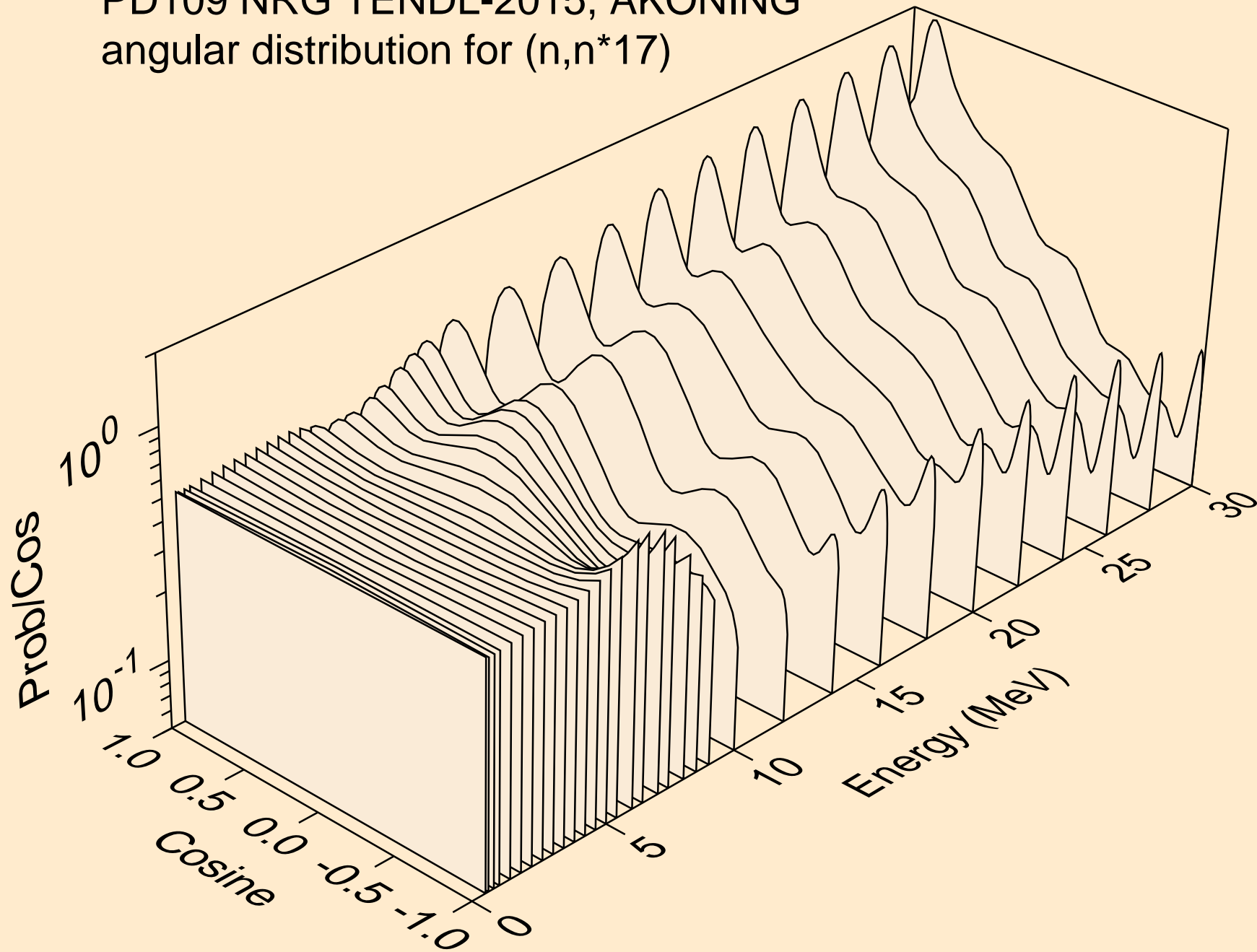
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



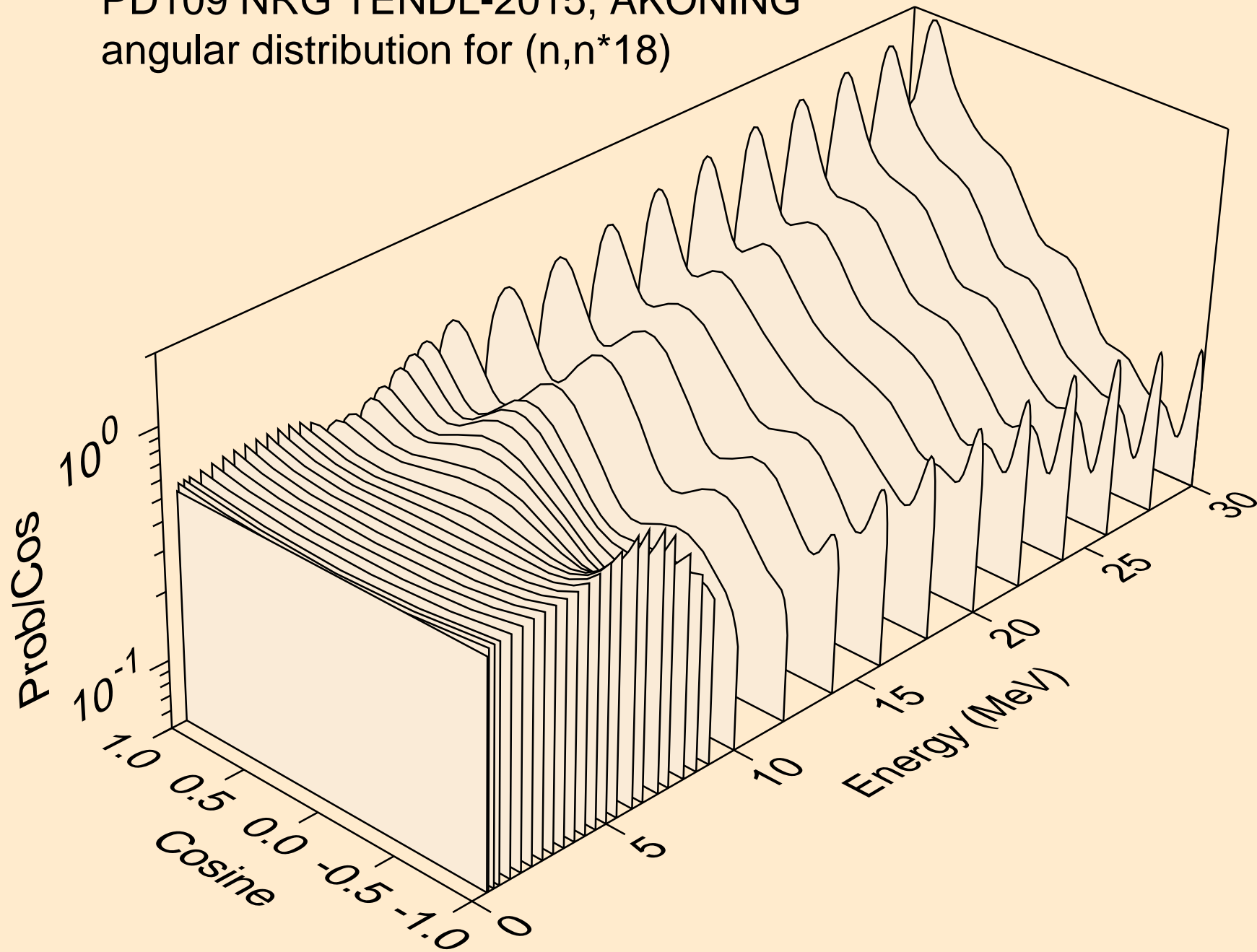
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



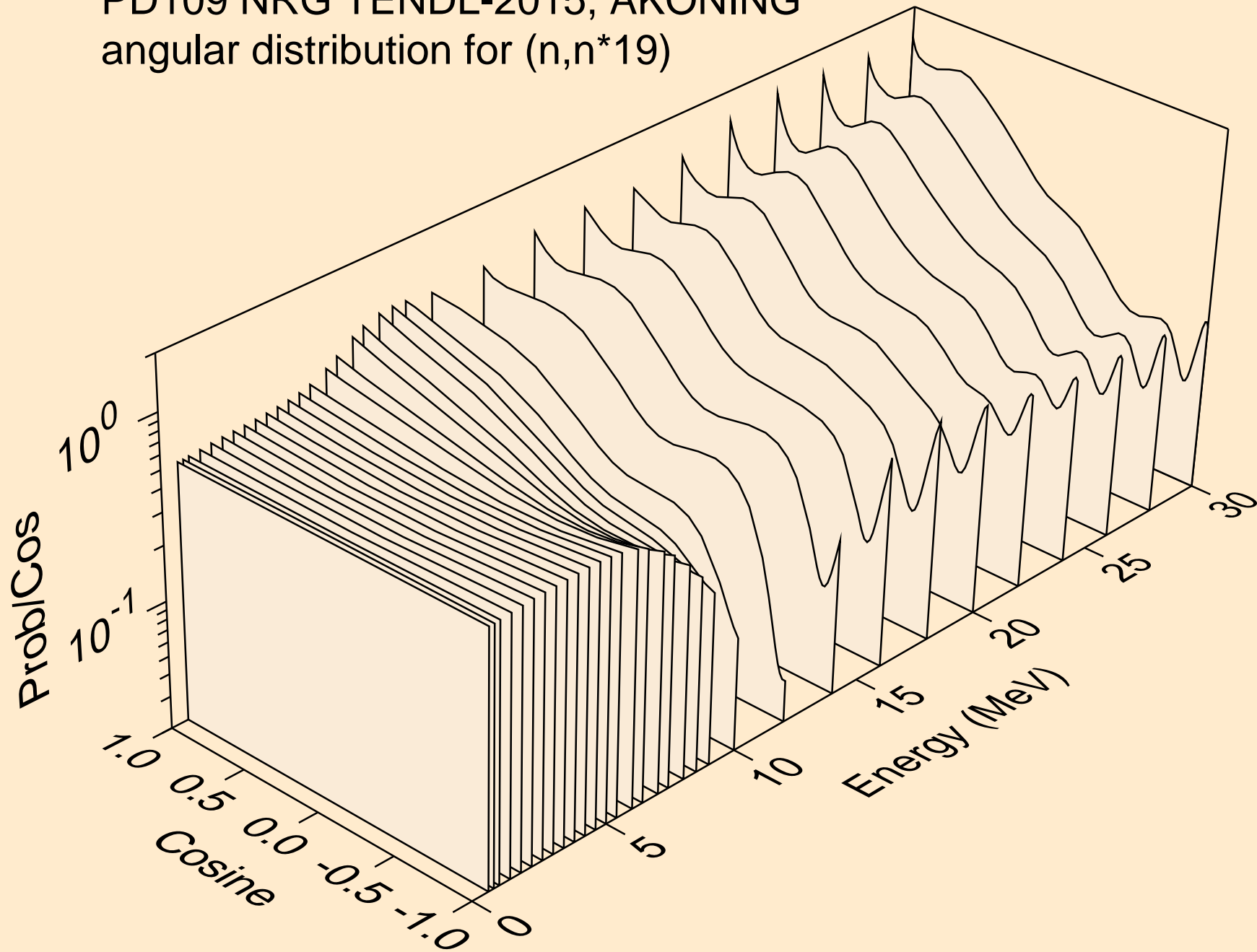
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



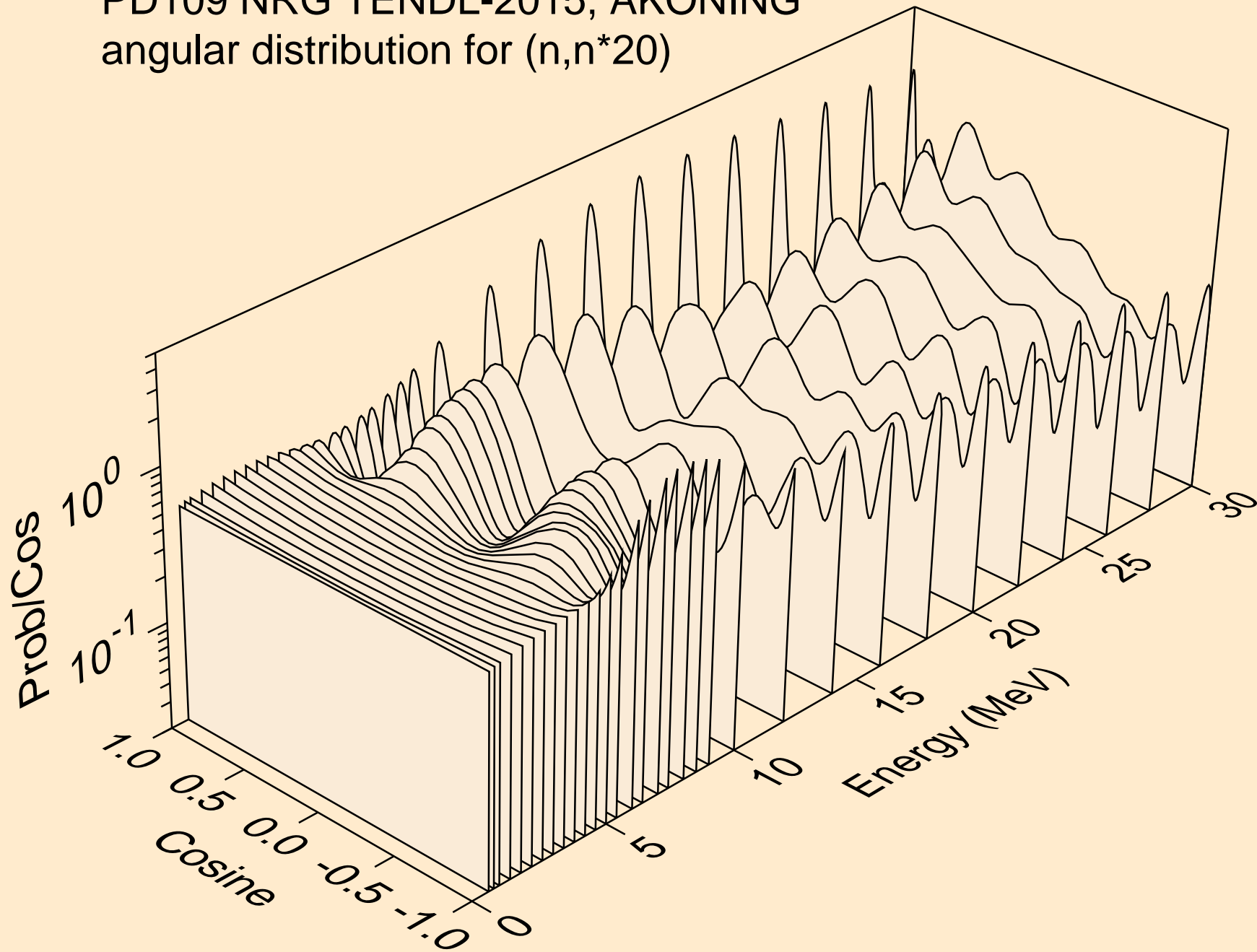
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

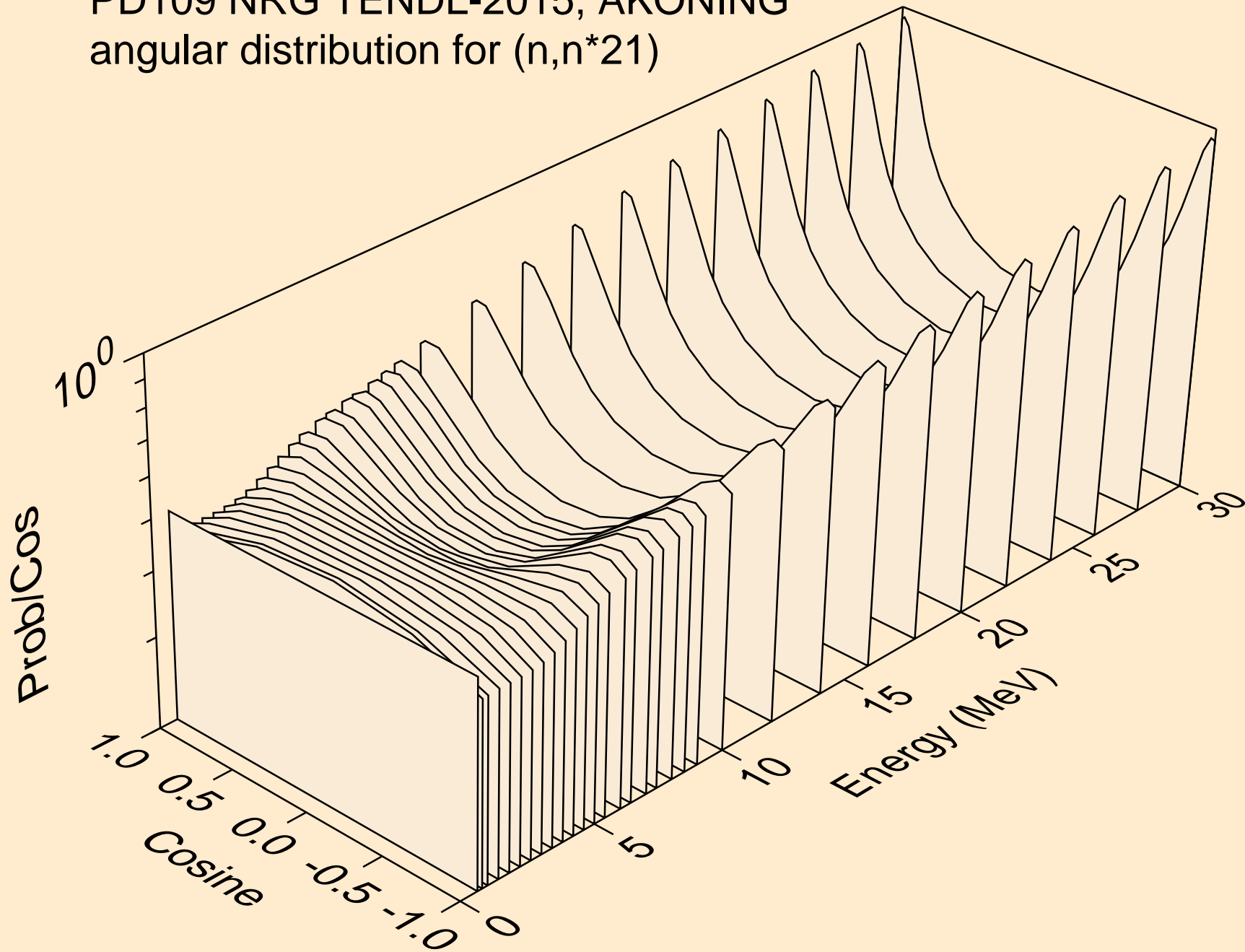


PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

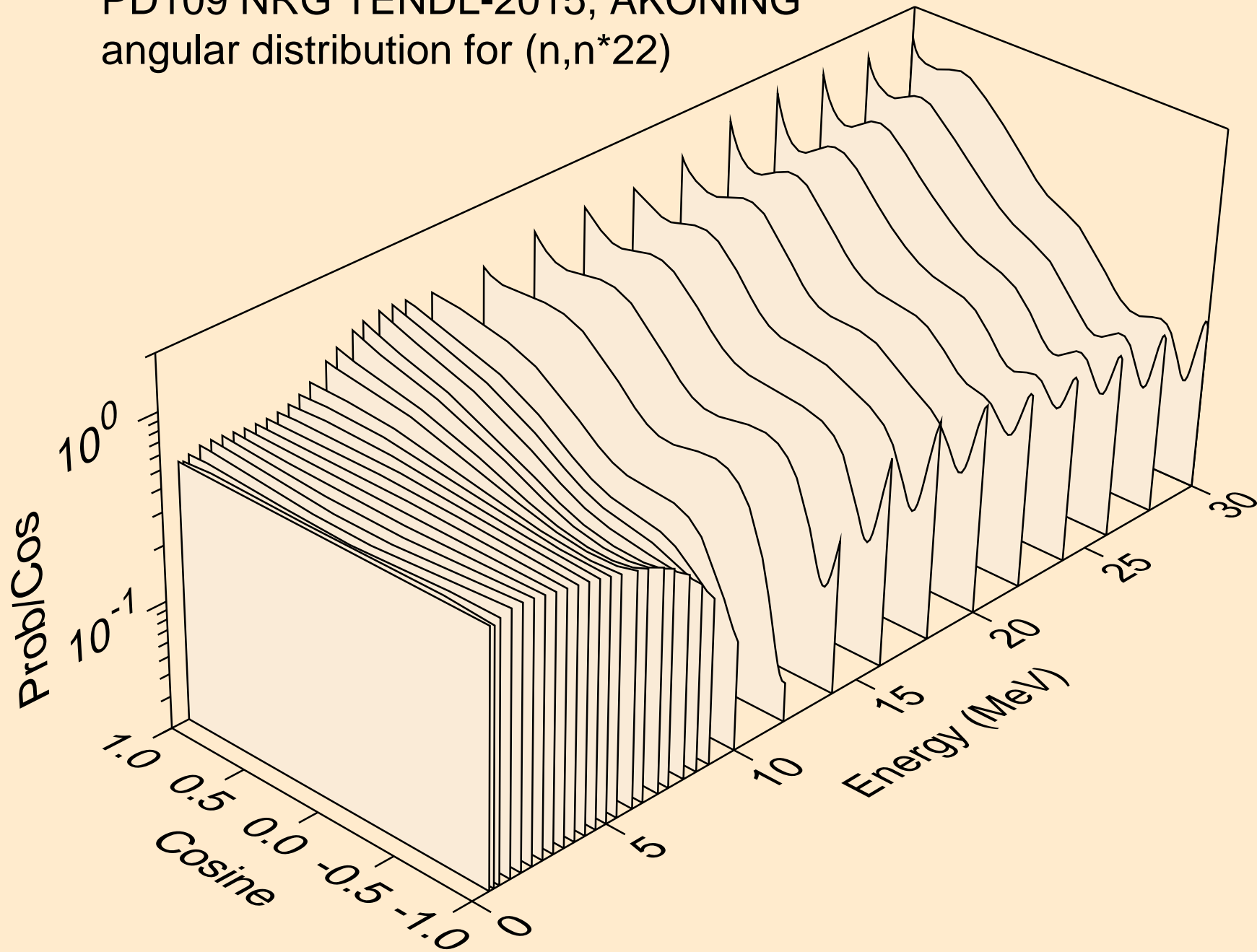




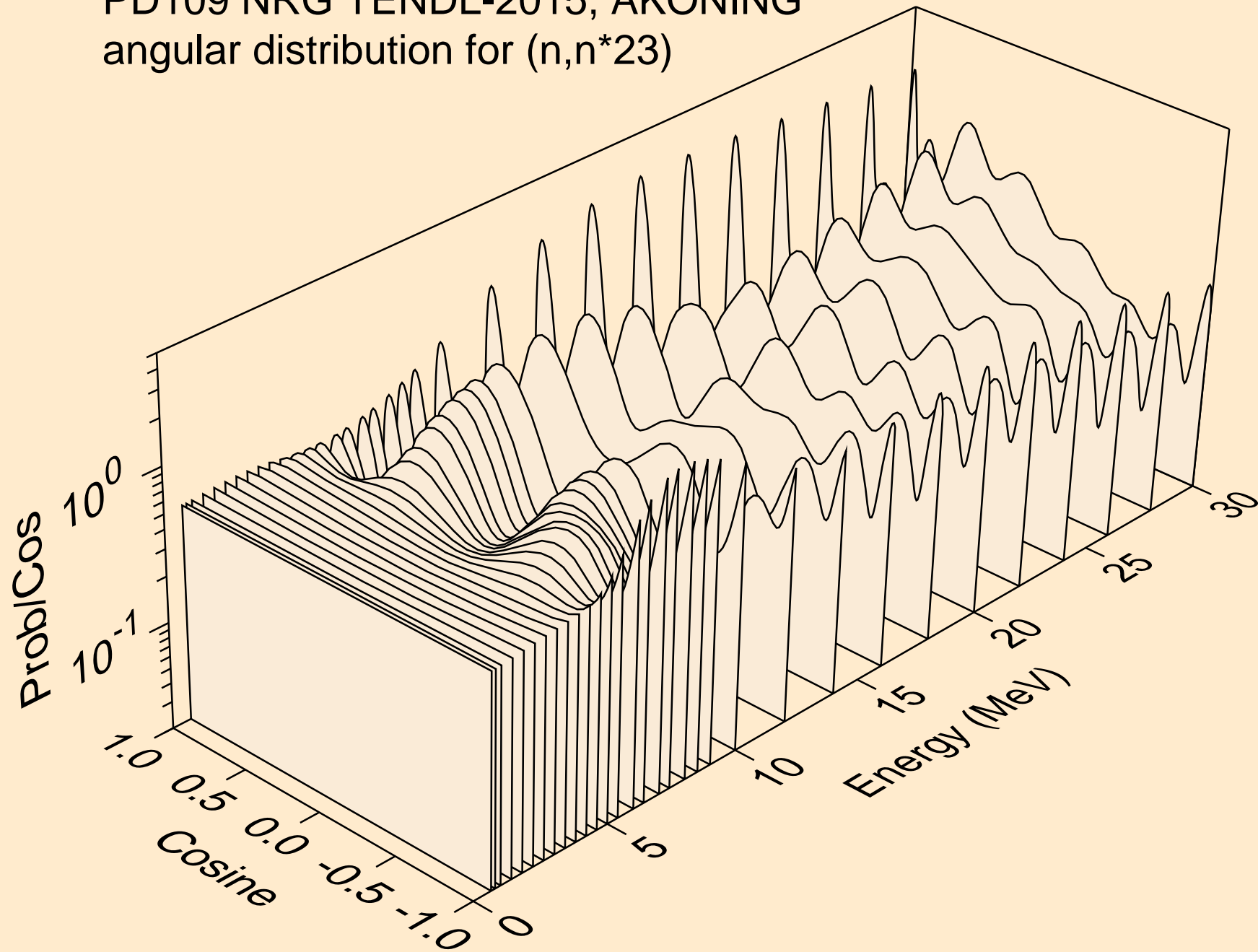
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



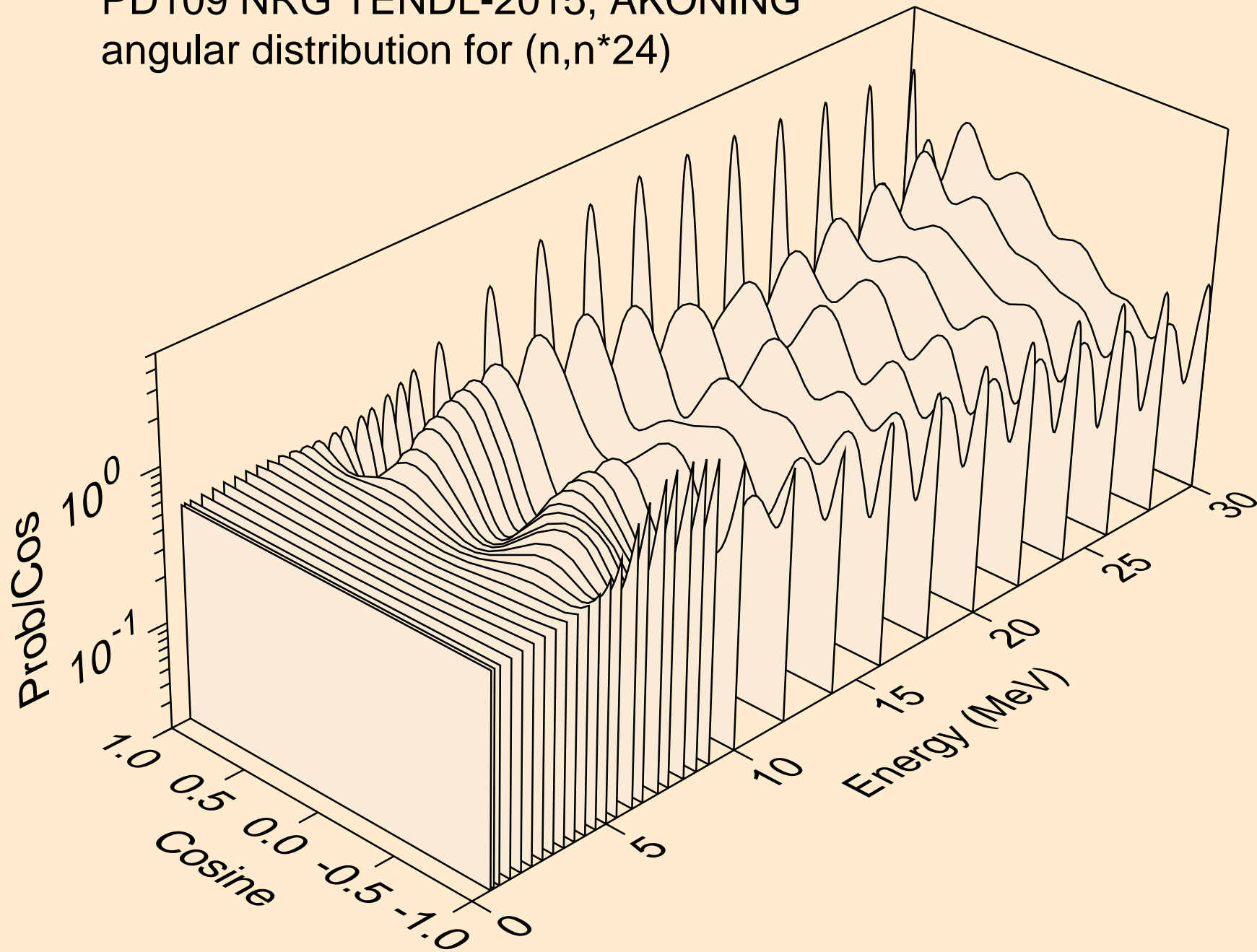
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



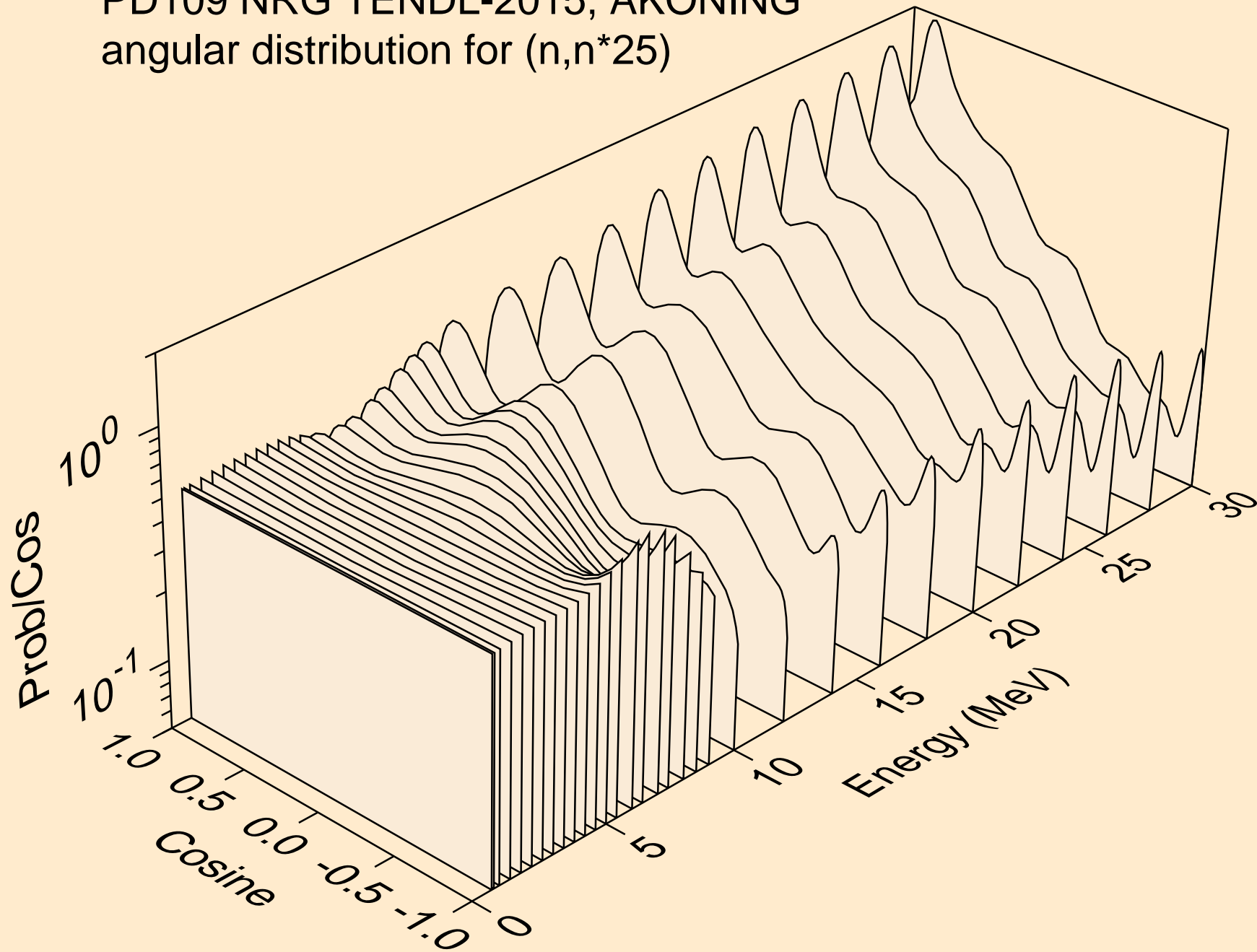
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



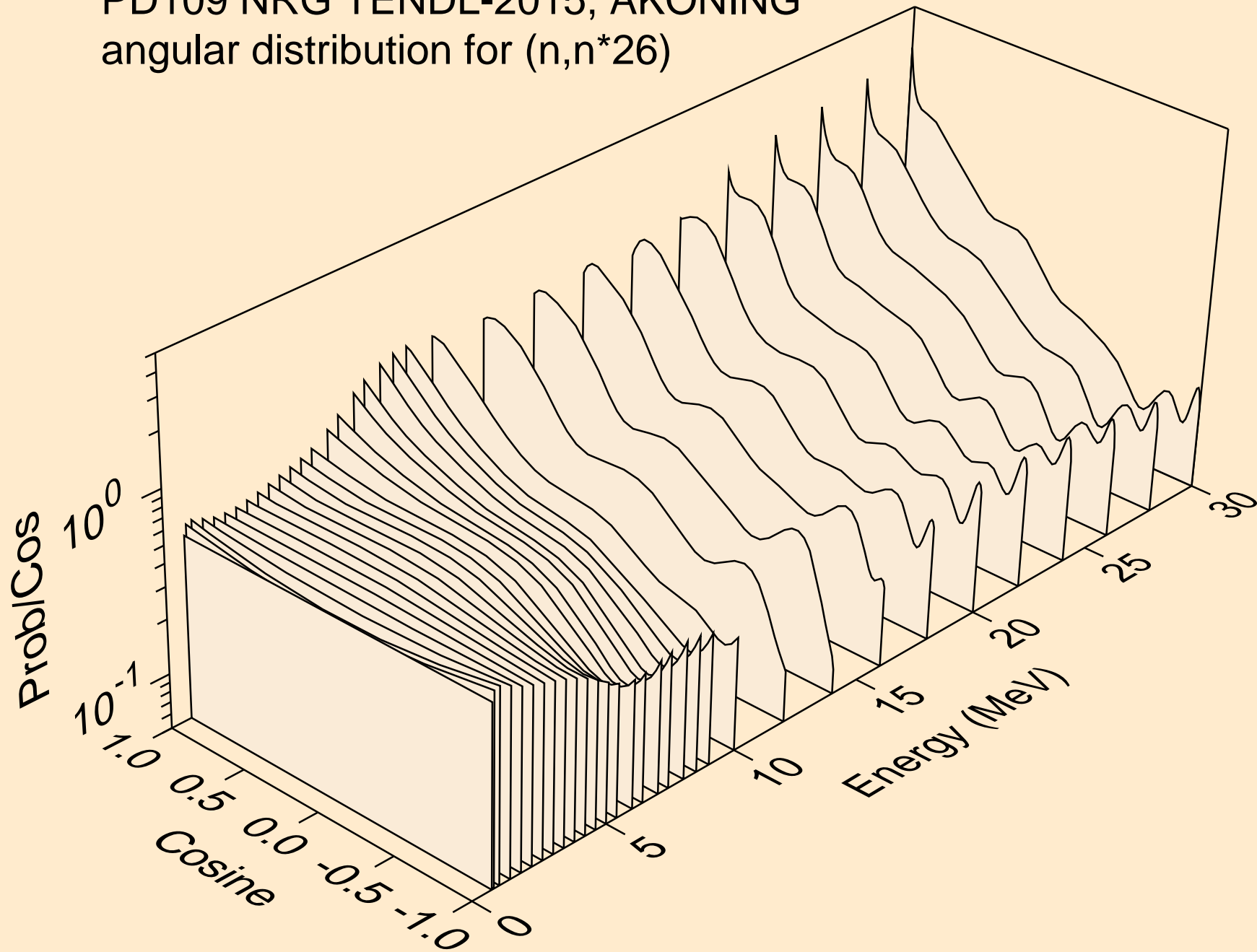
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



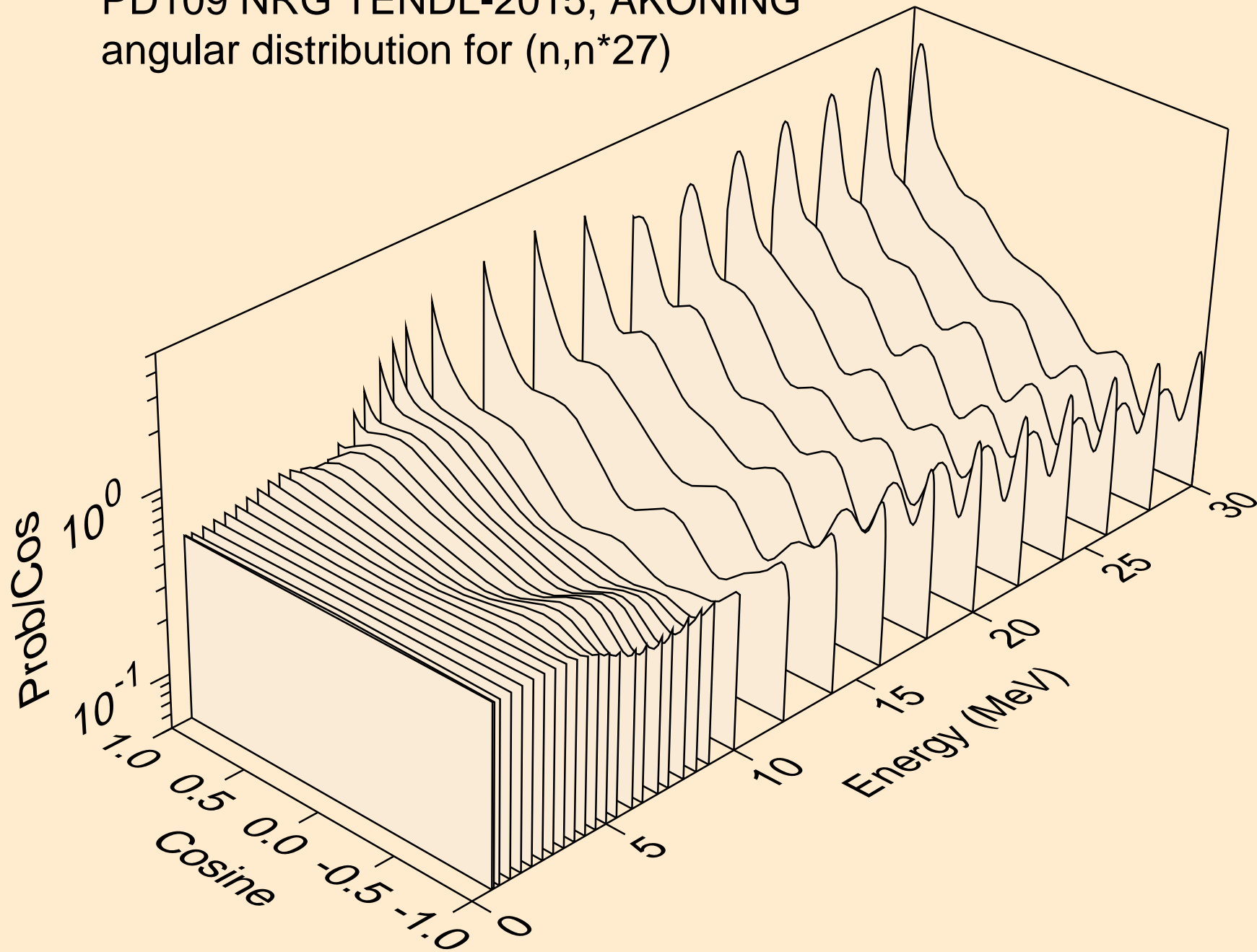
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



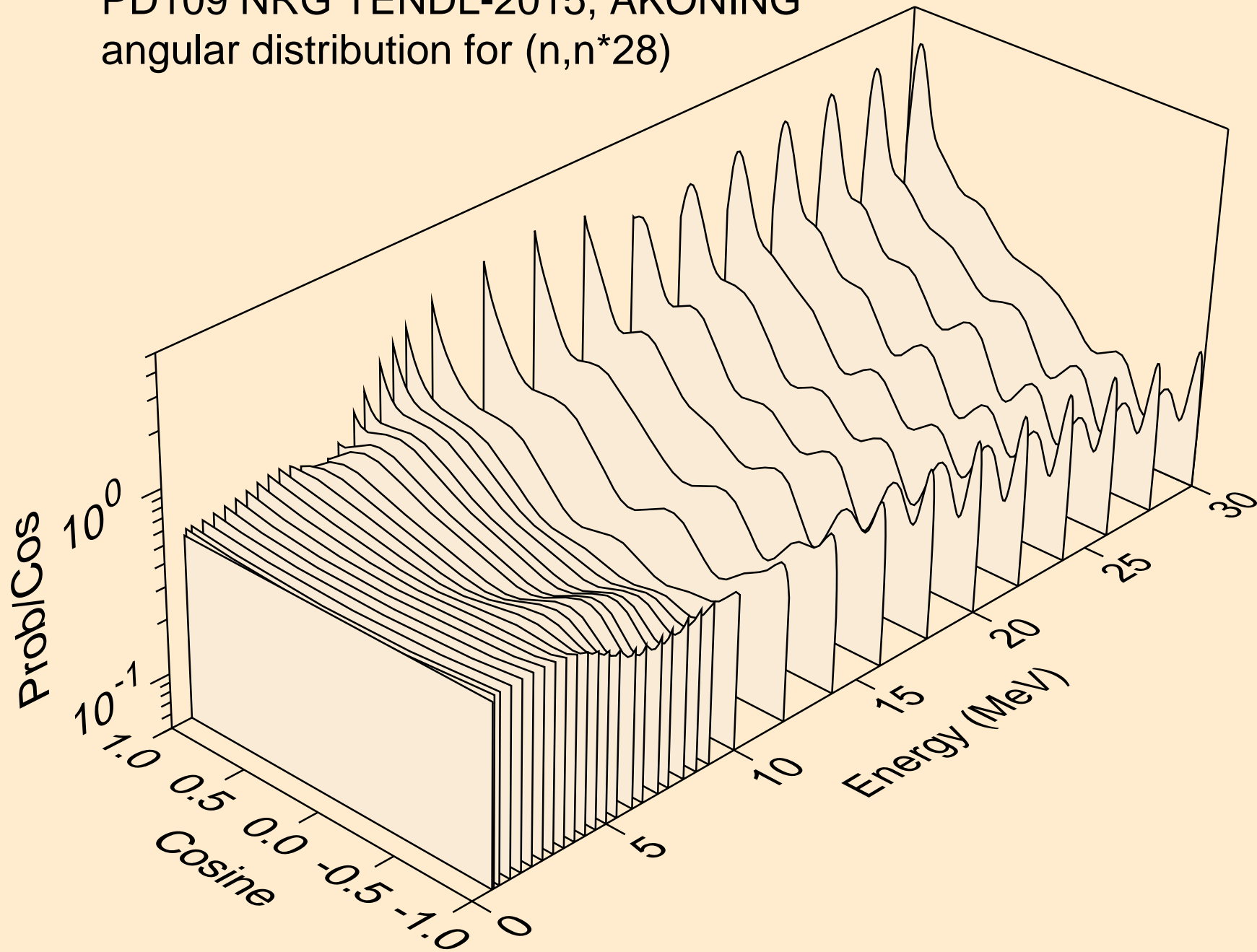
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

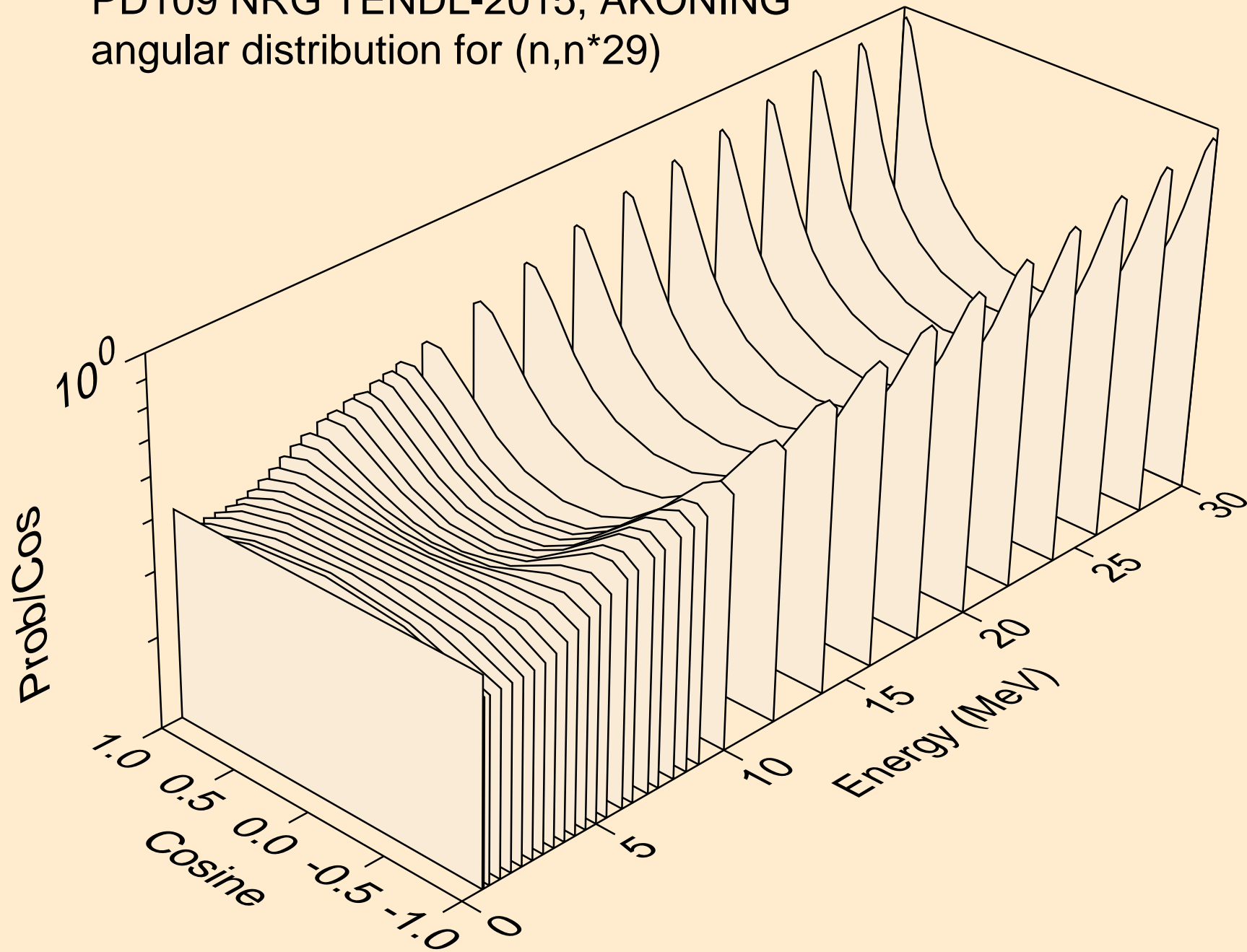


PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

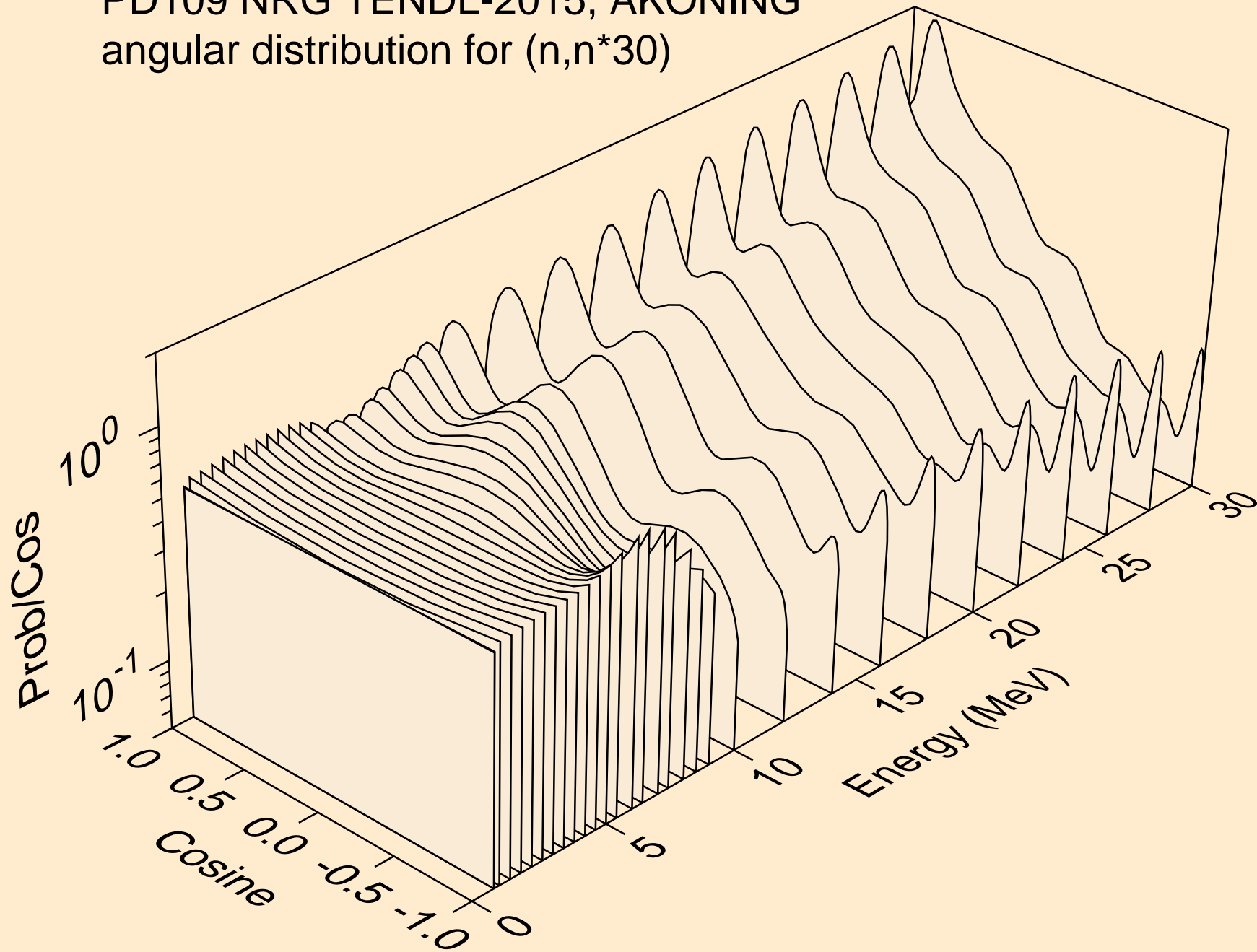




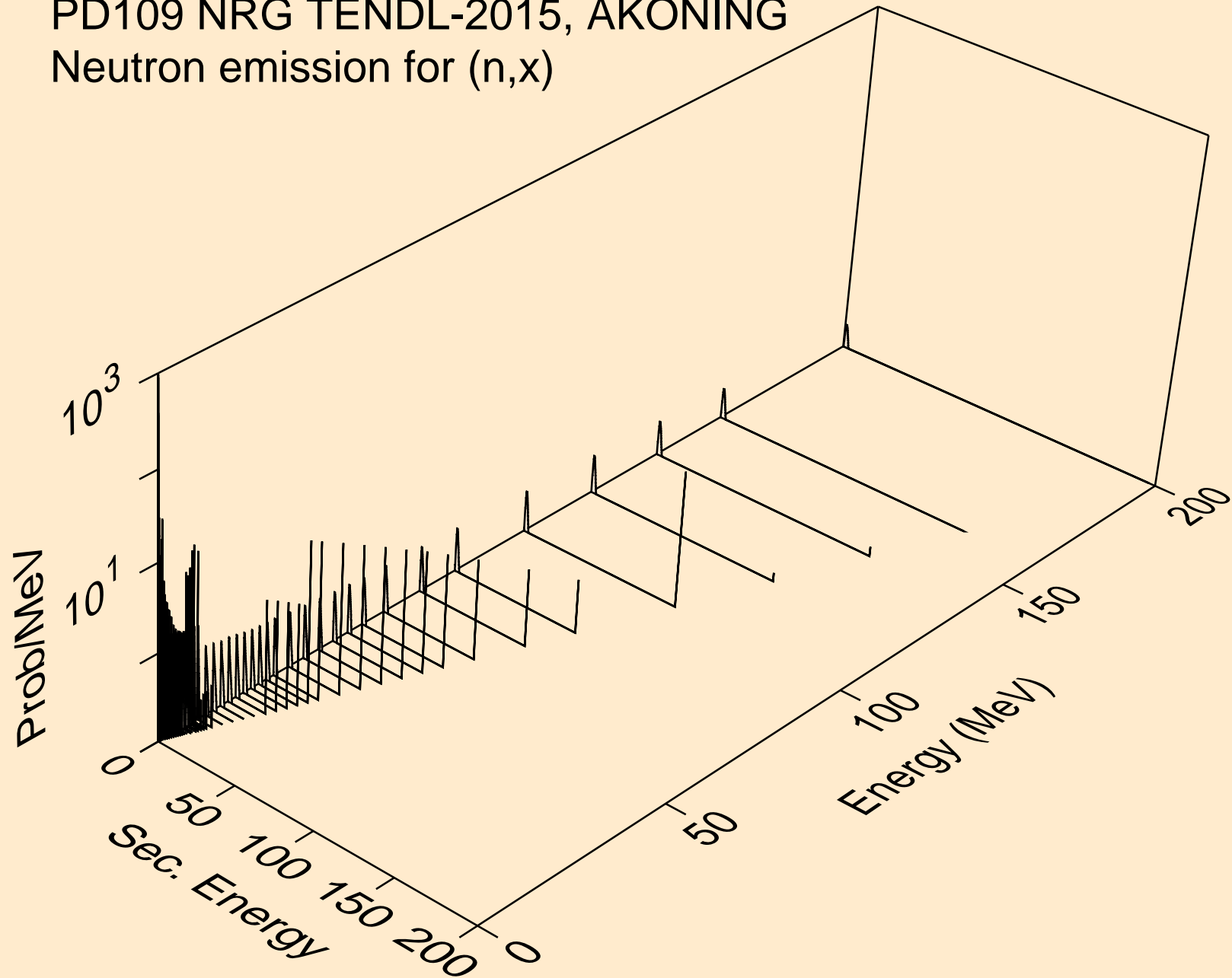
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



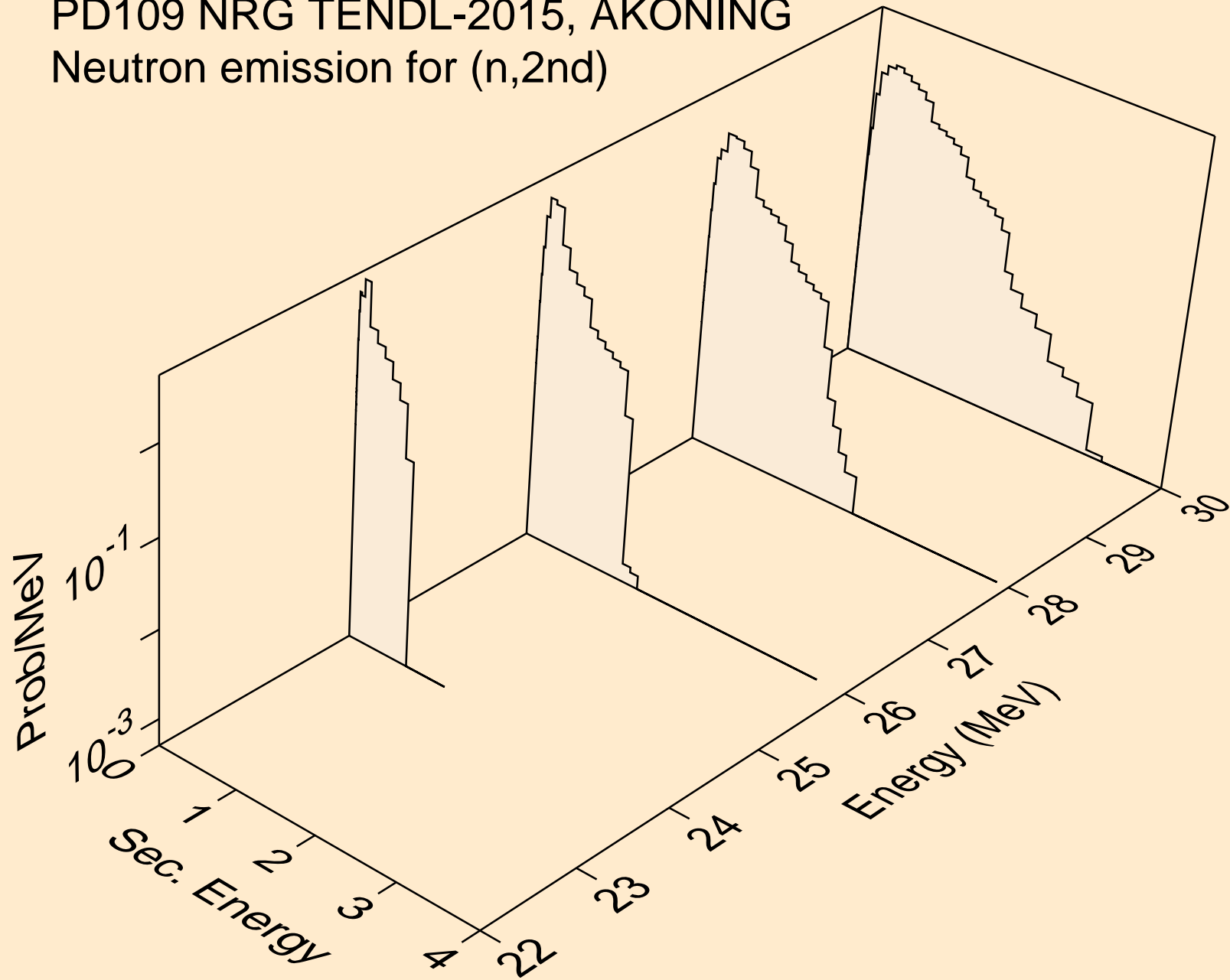
PD109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



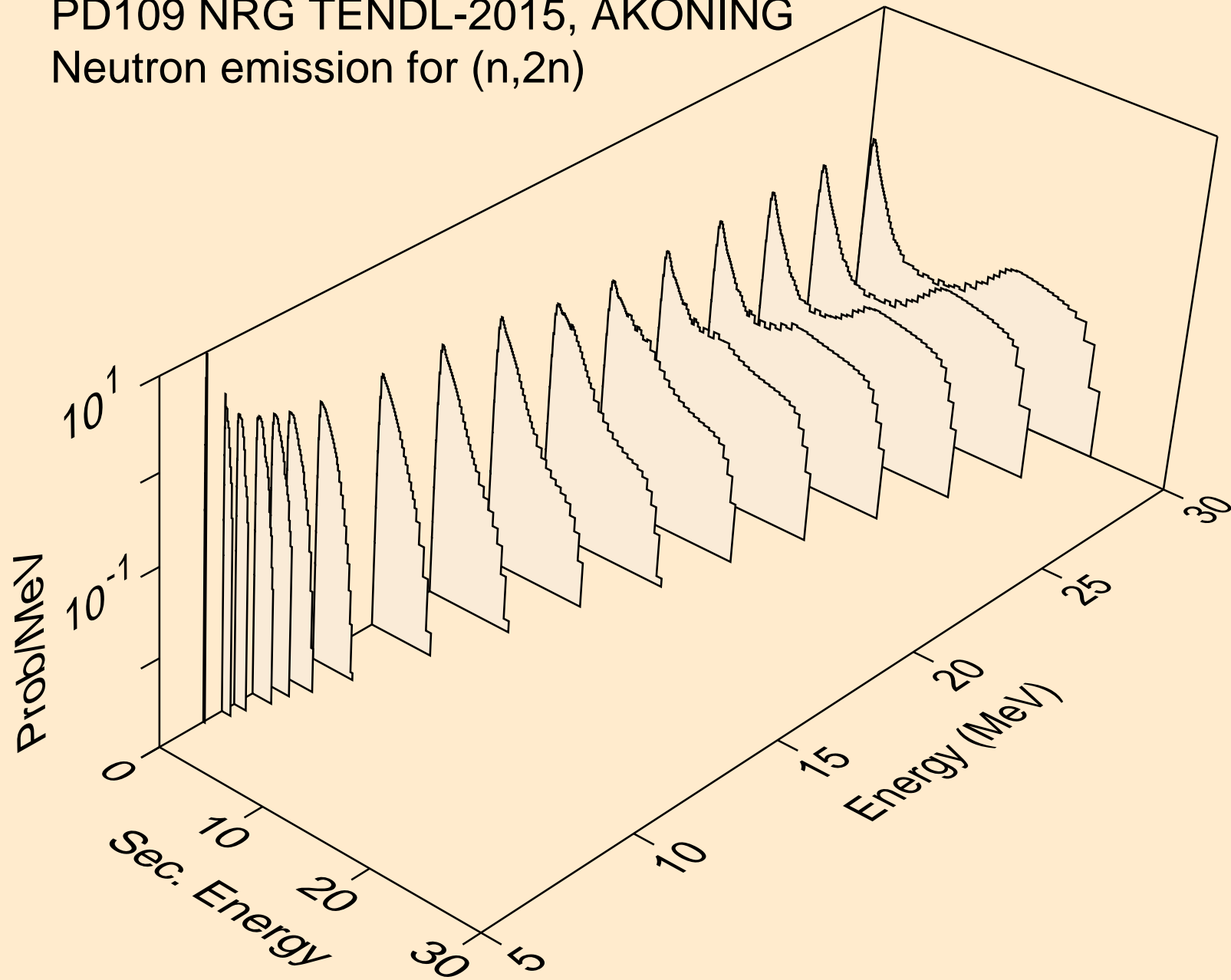
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



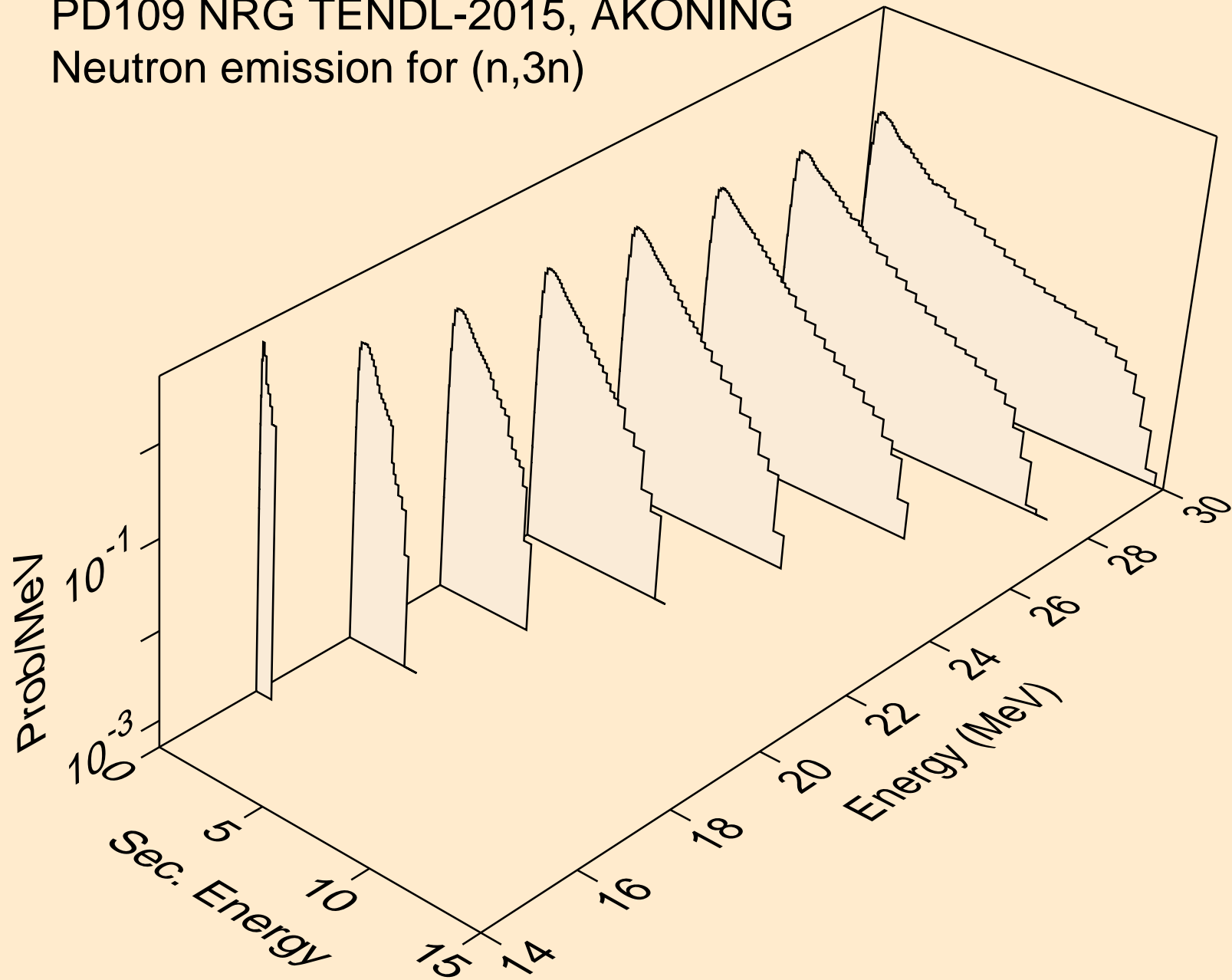
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



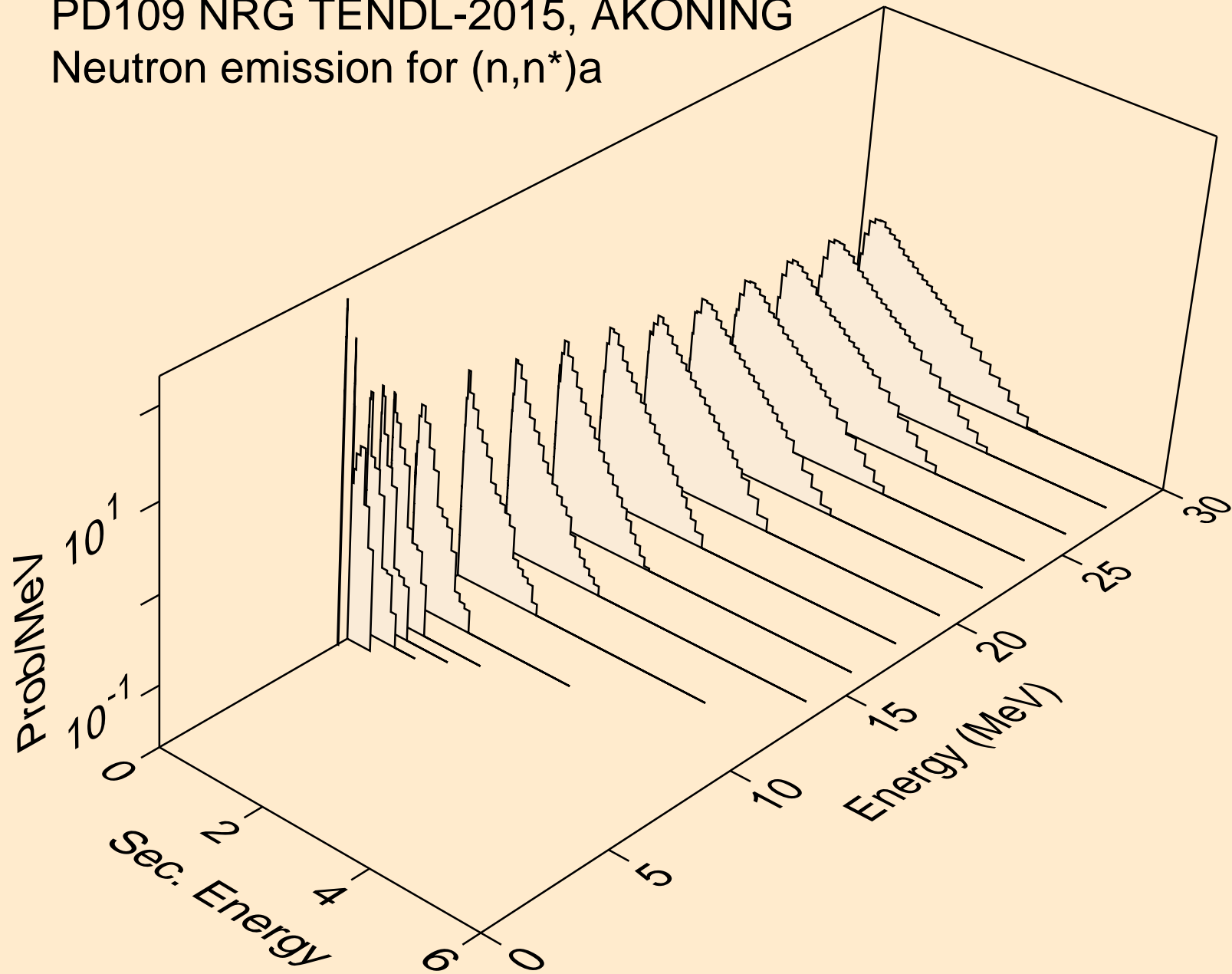
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



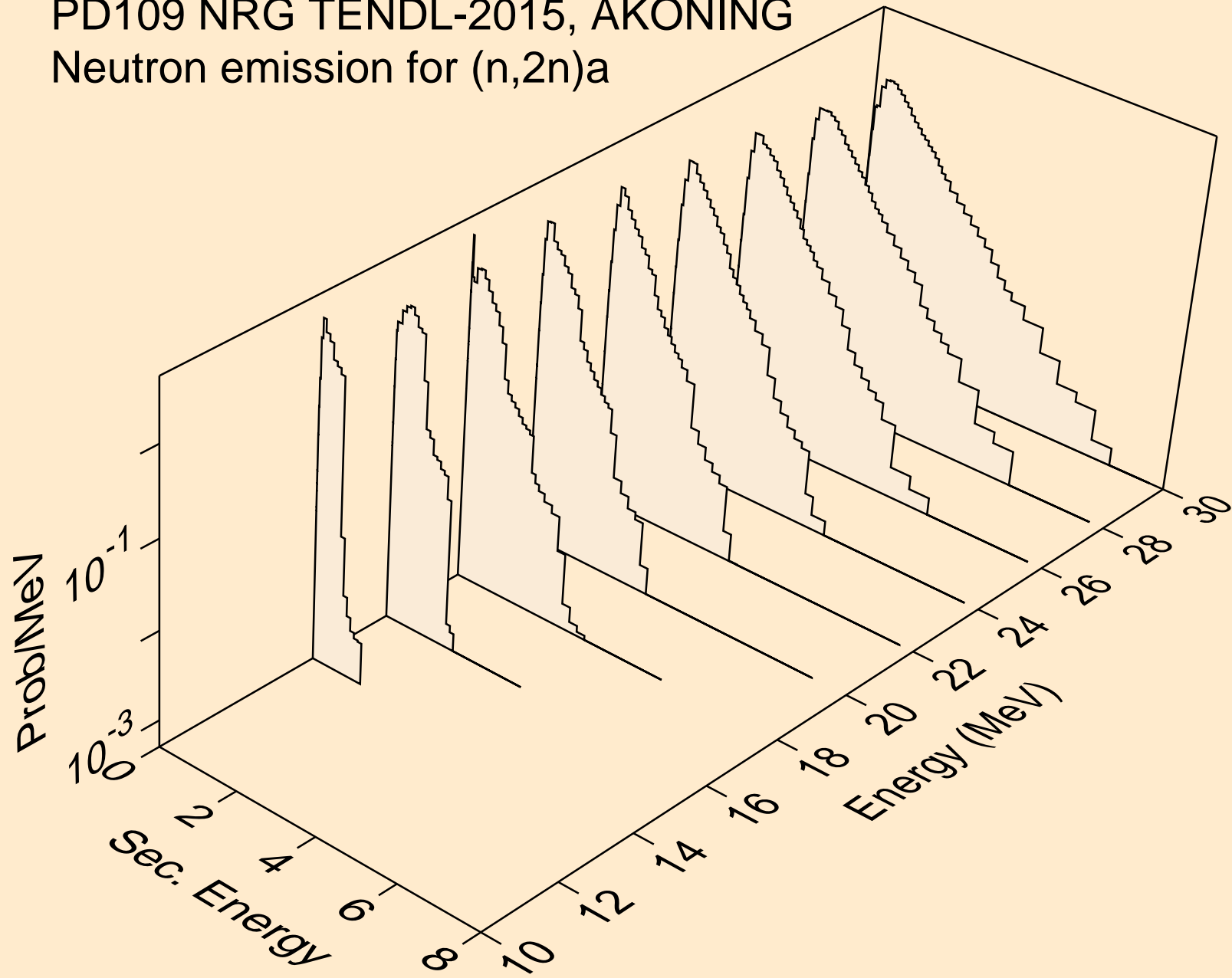
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

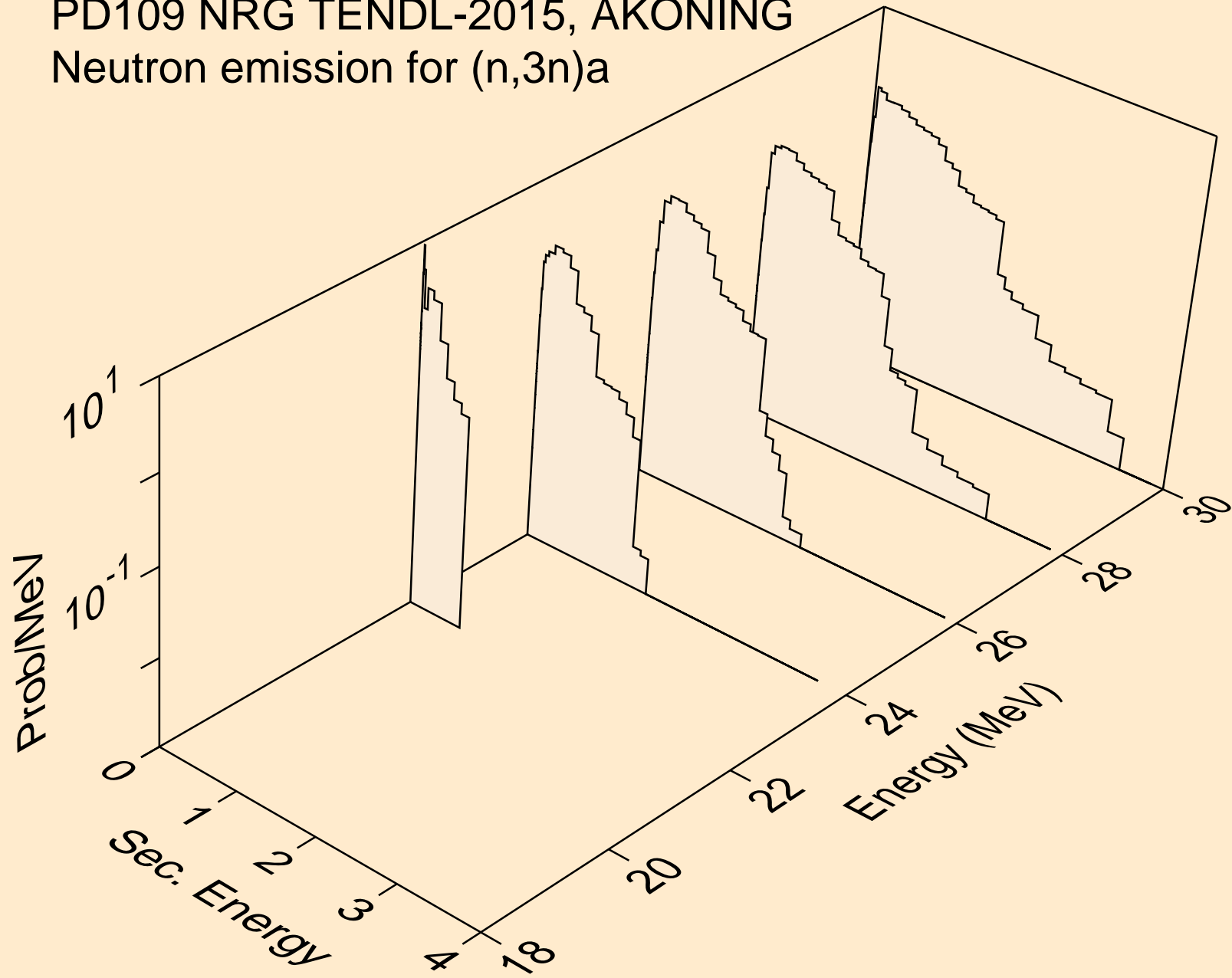


PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

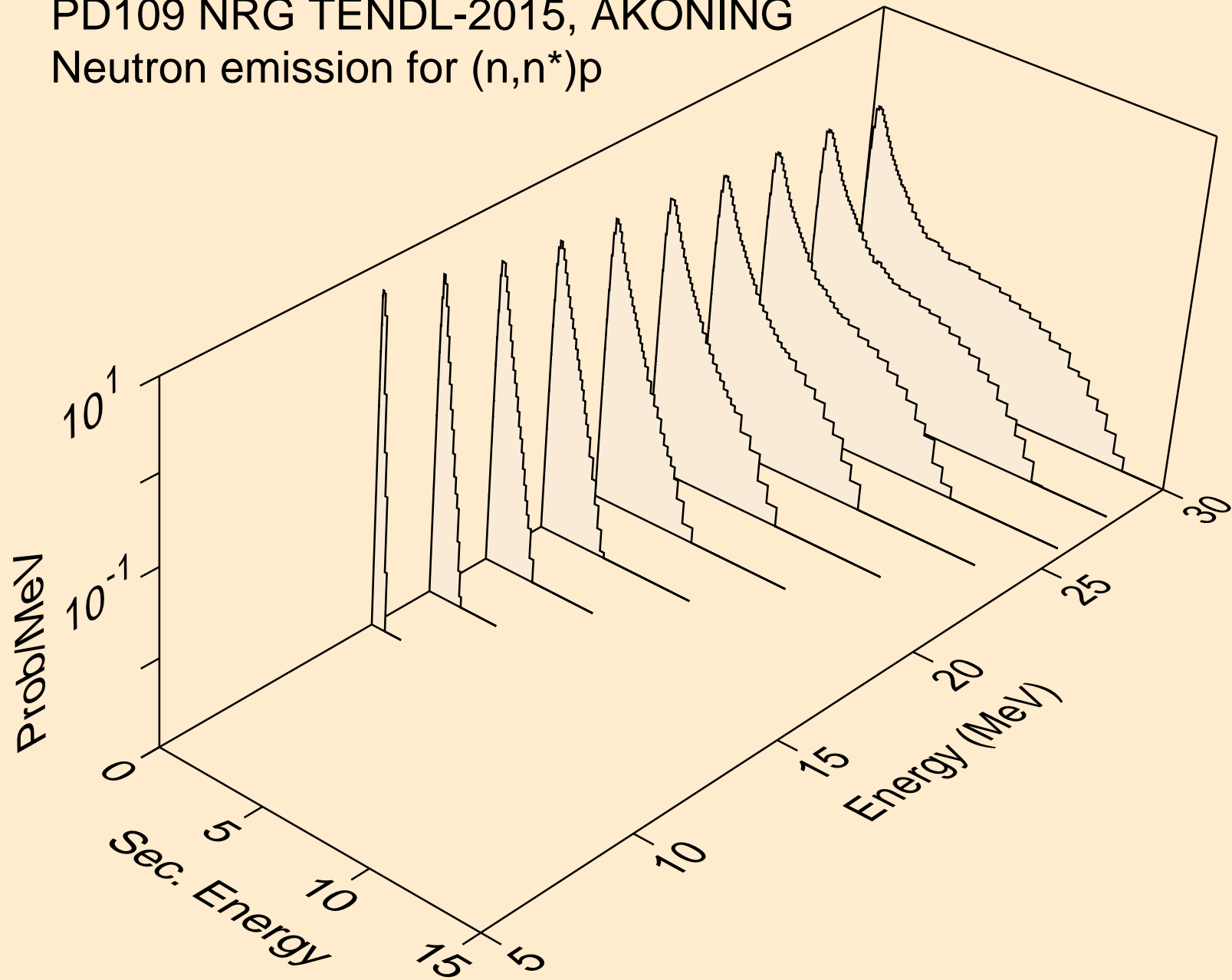




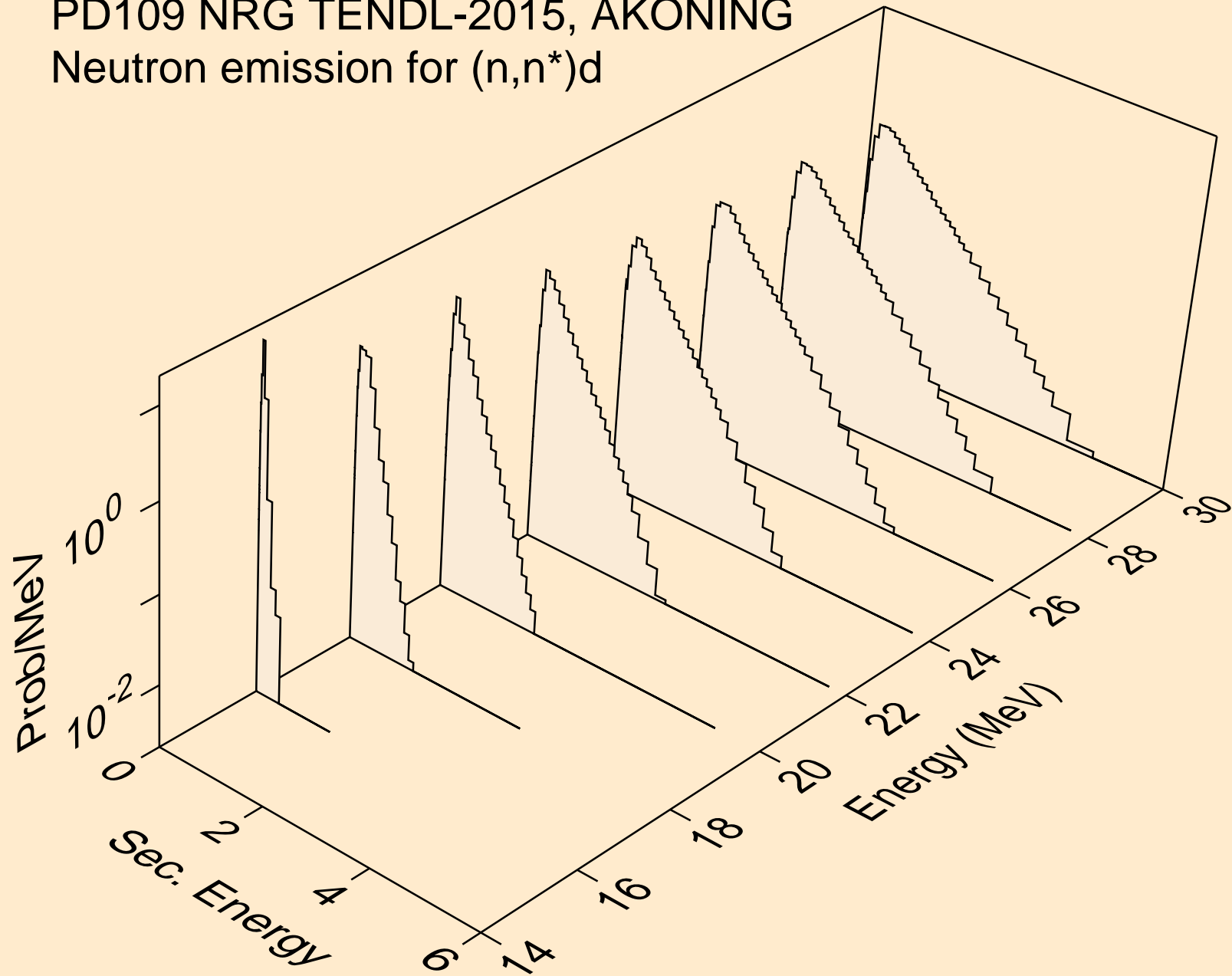
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



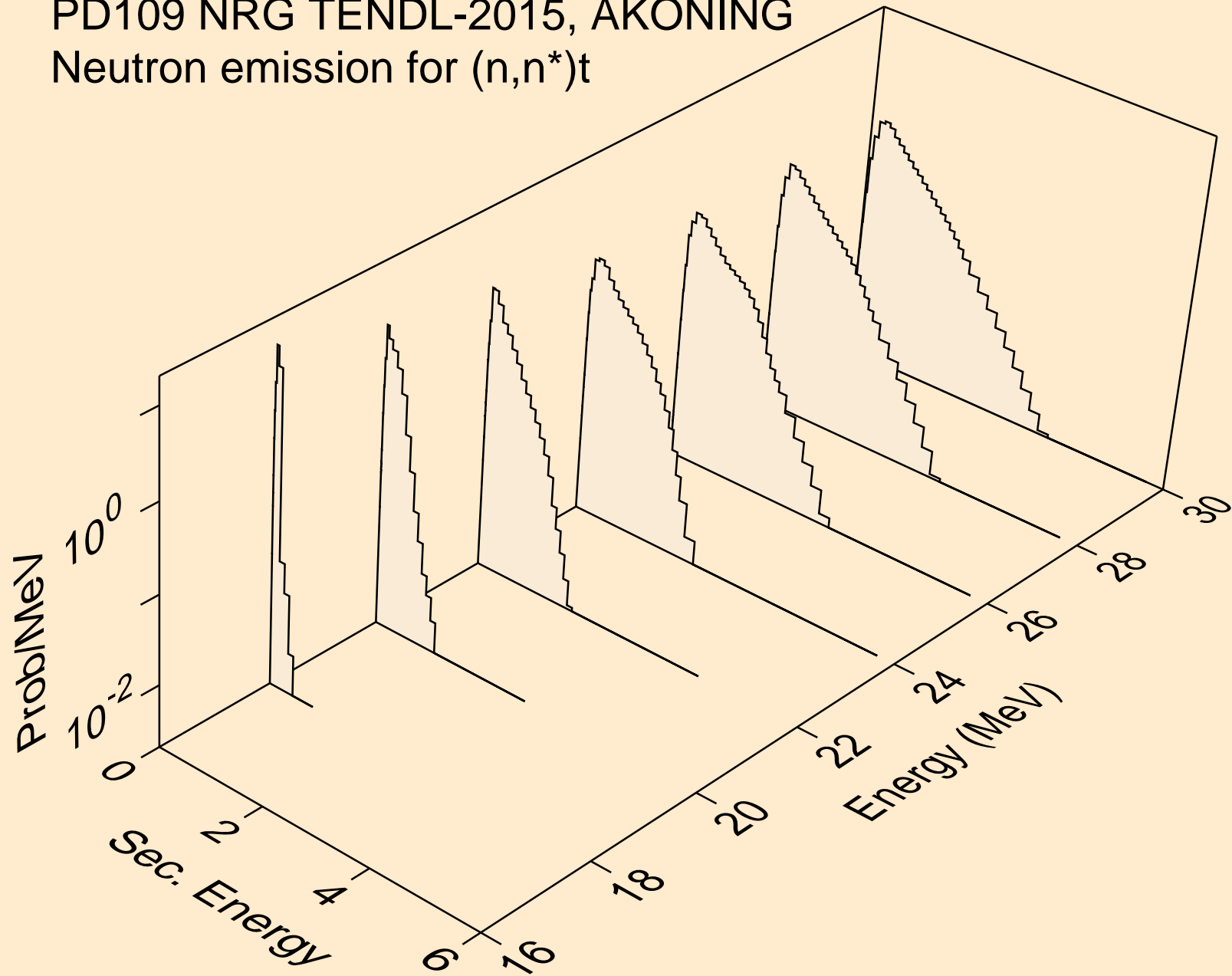
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



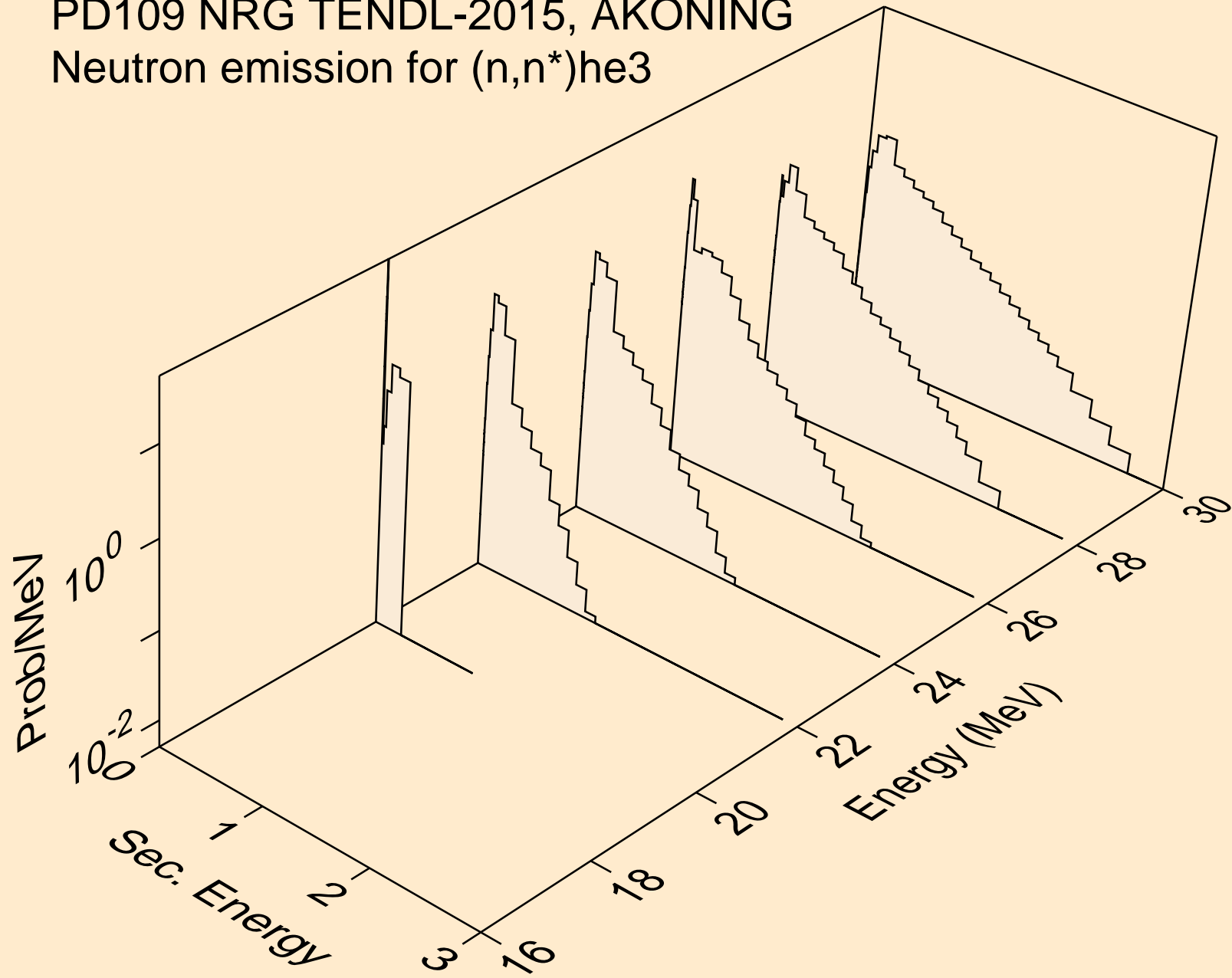
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



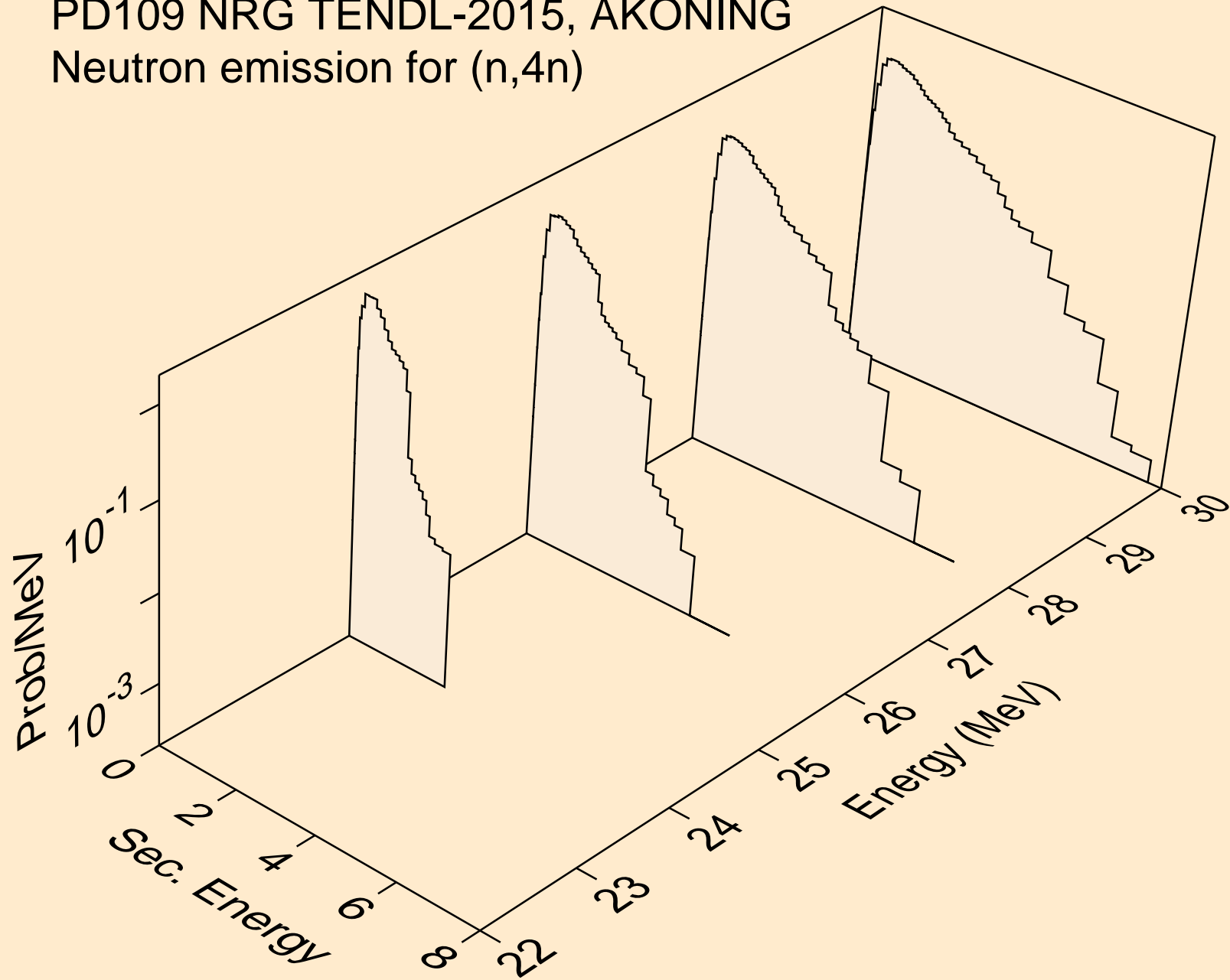
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



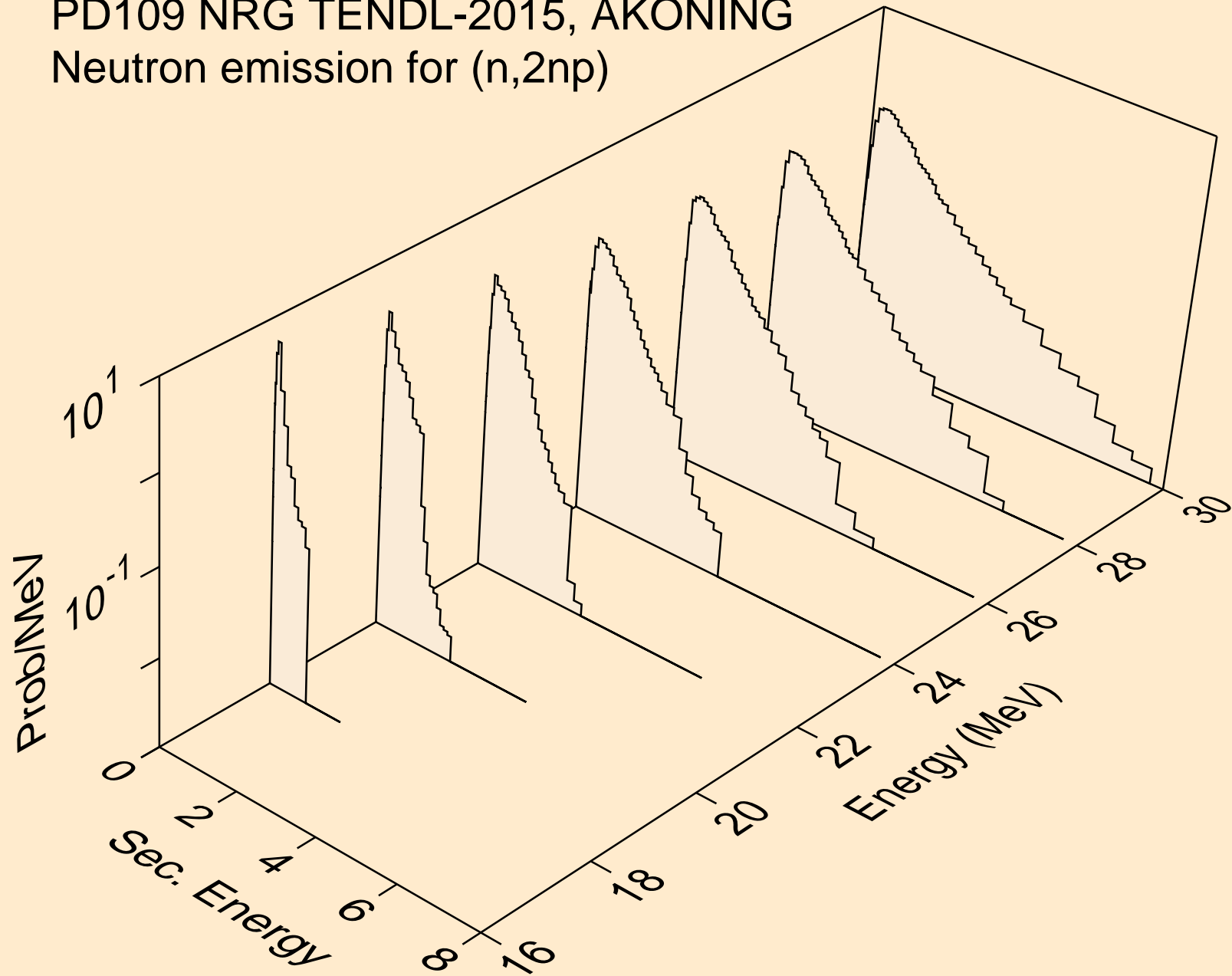
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



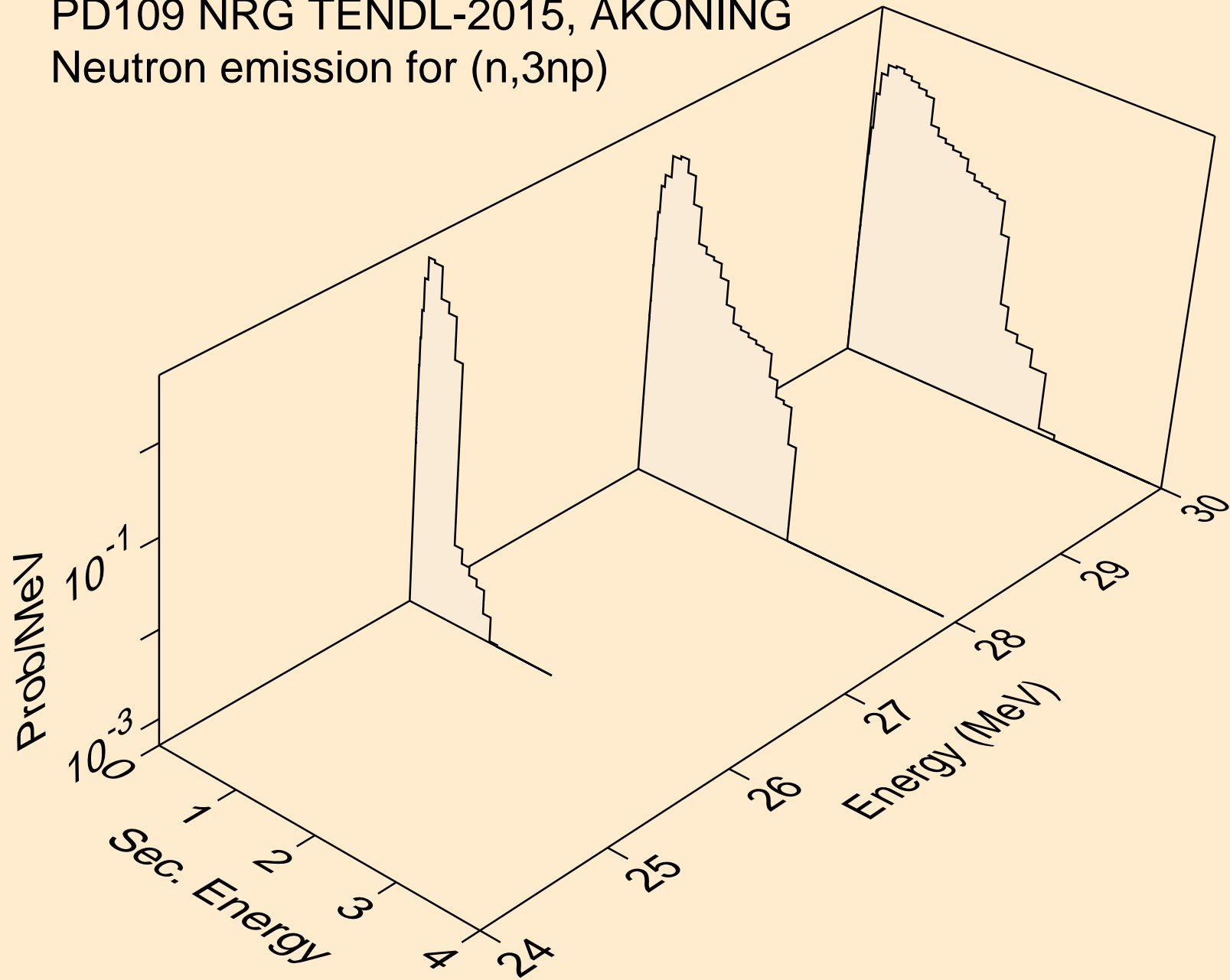
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

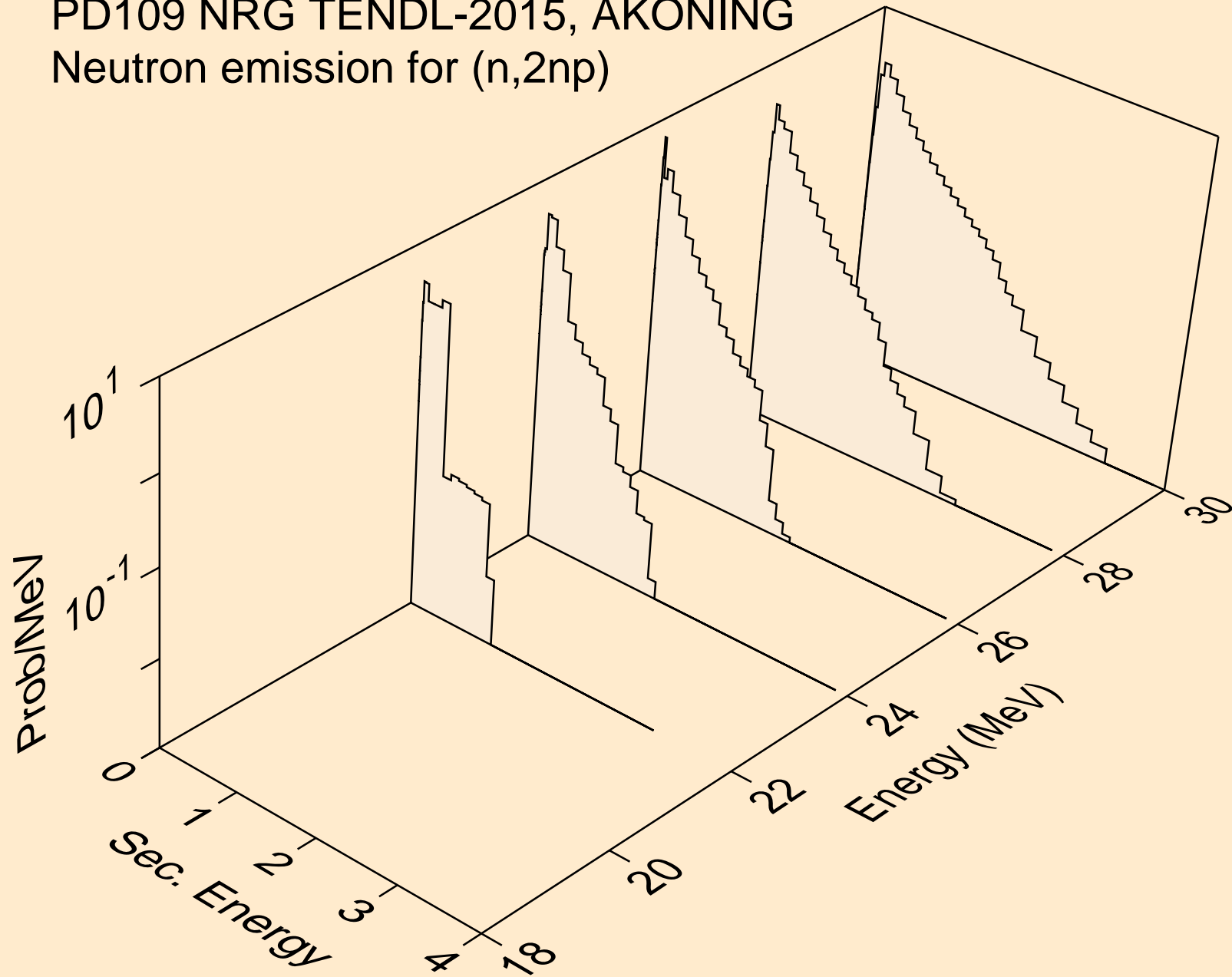


PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

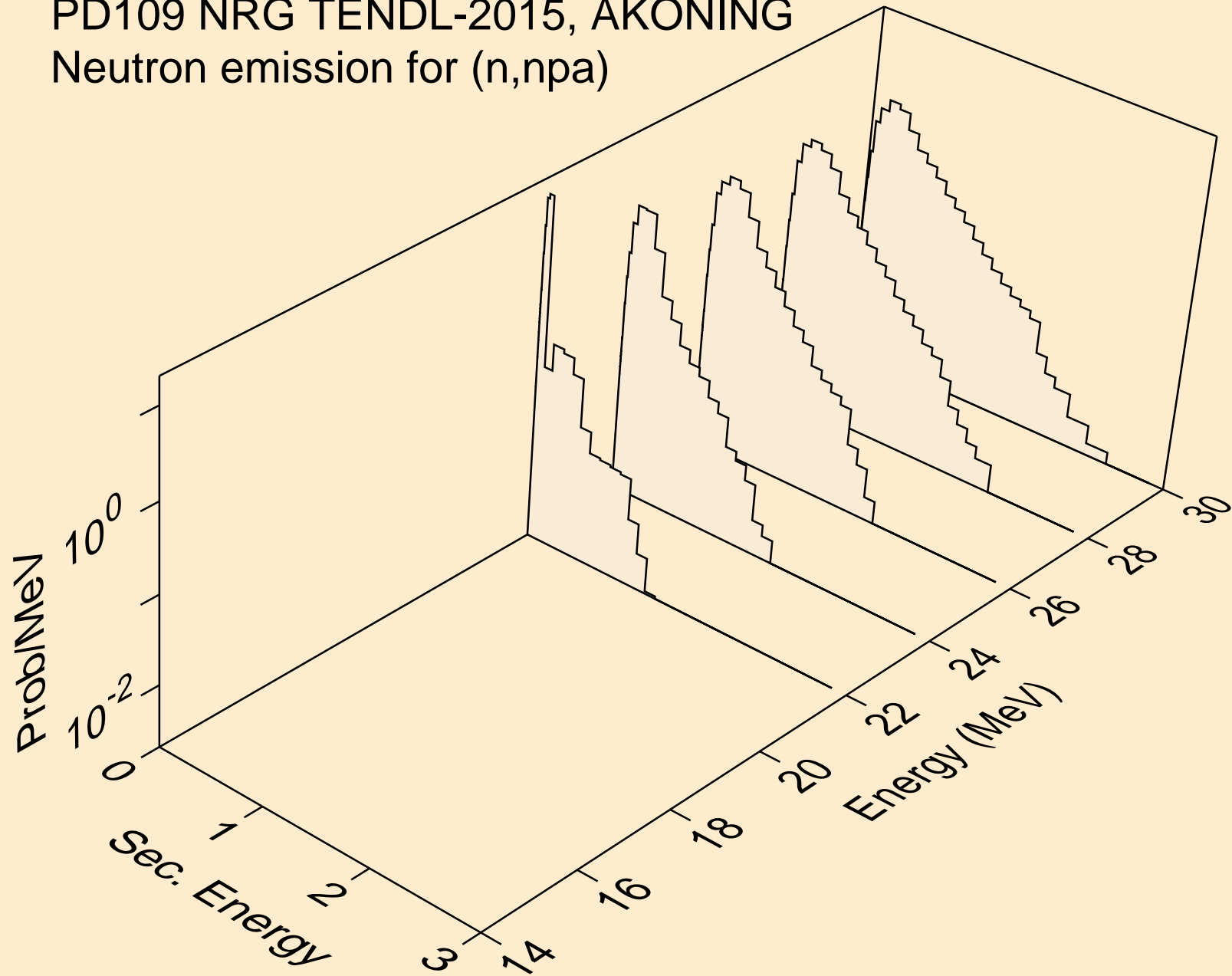




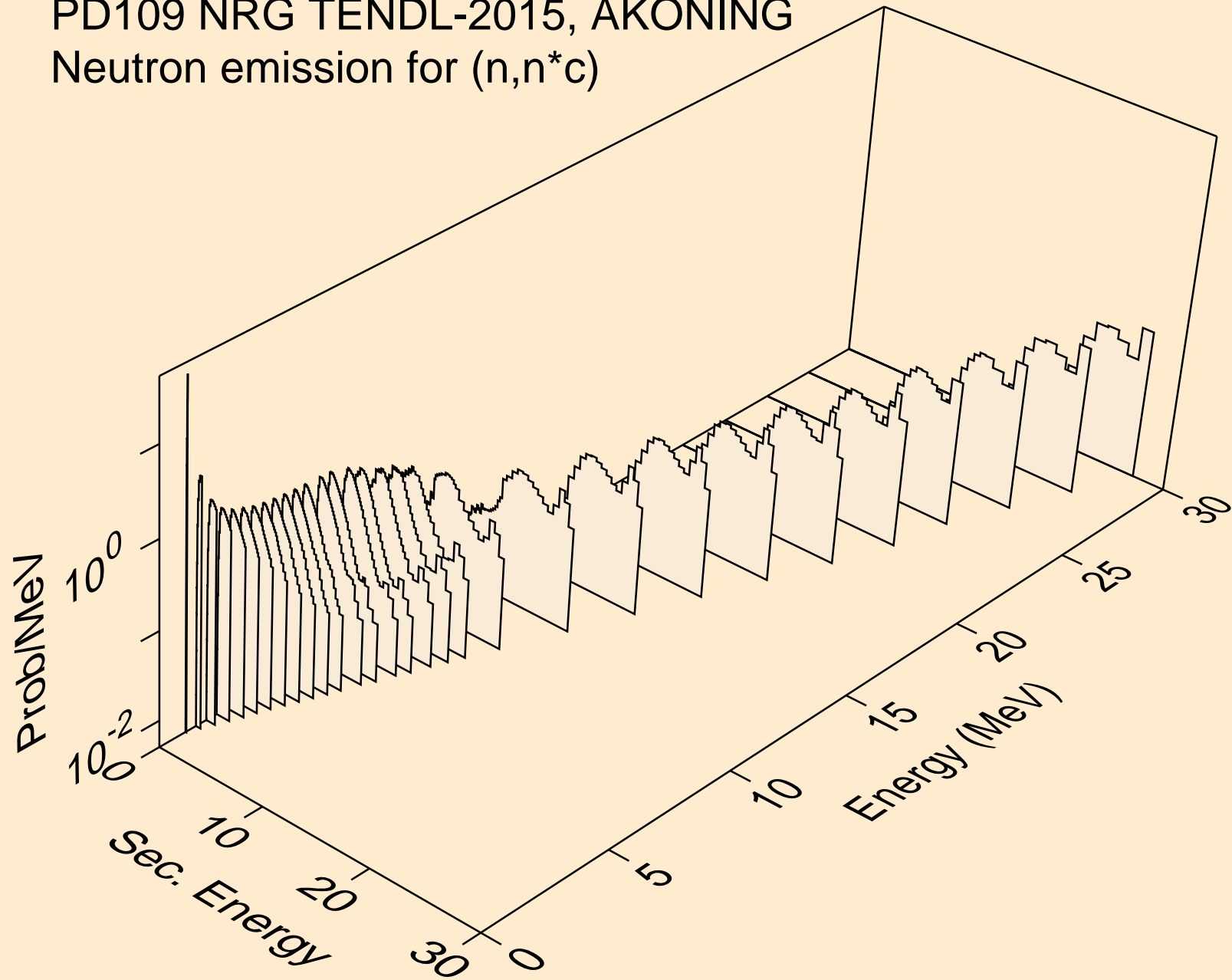
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



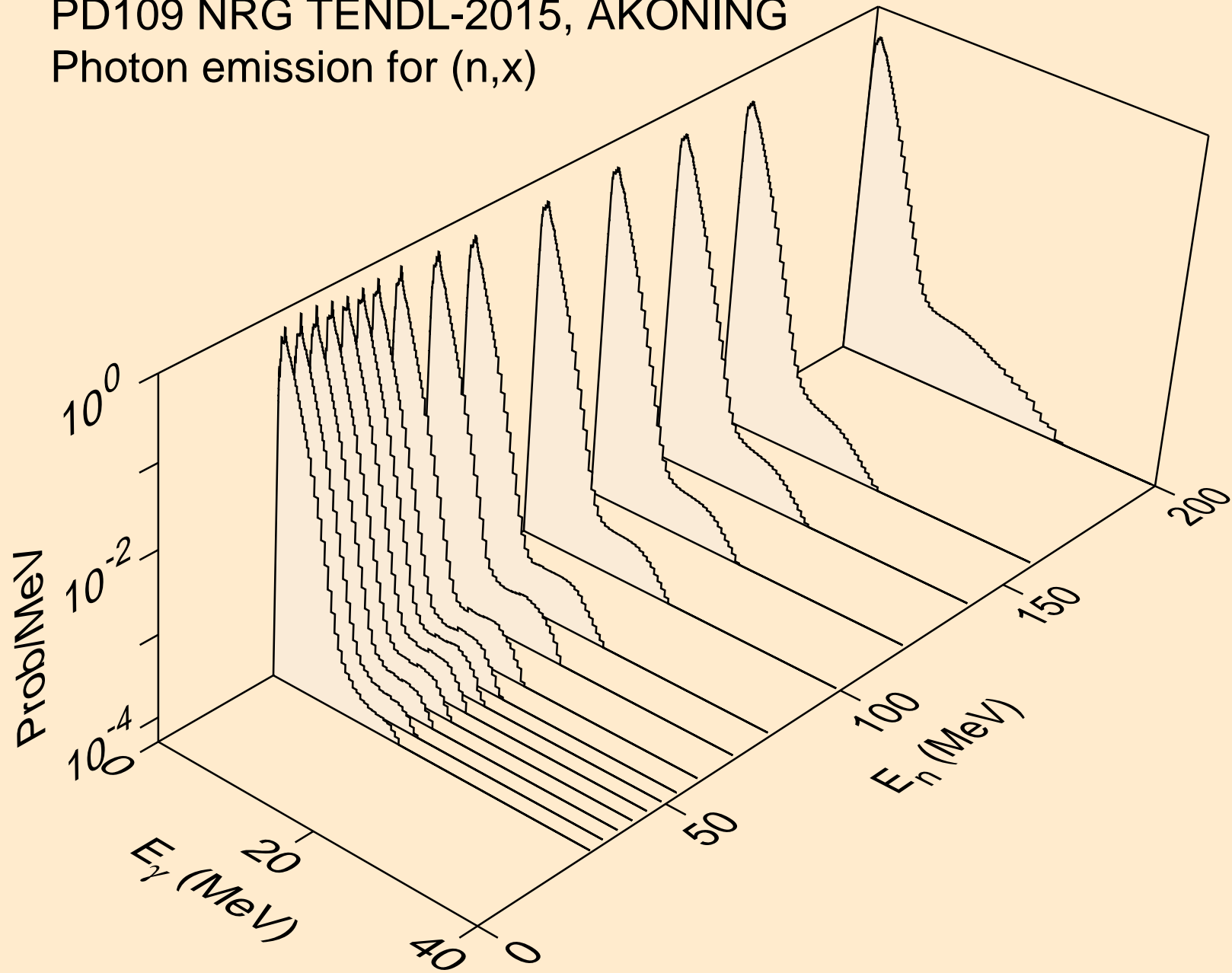
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



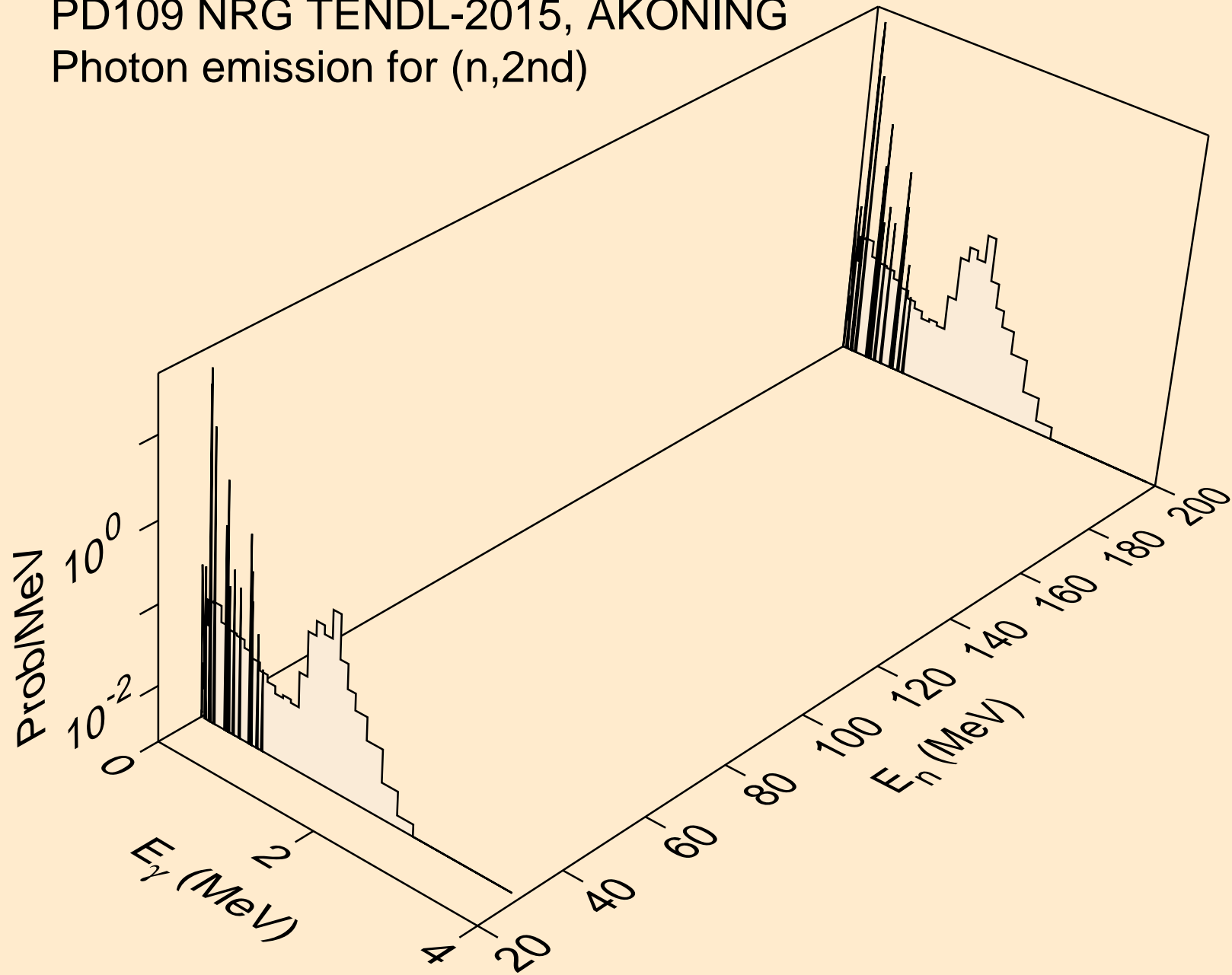
PD109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



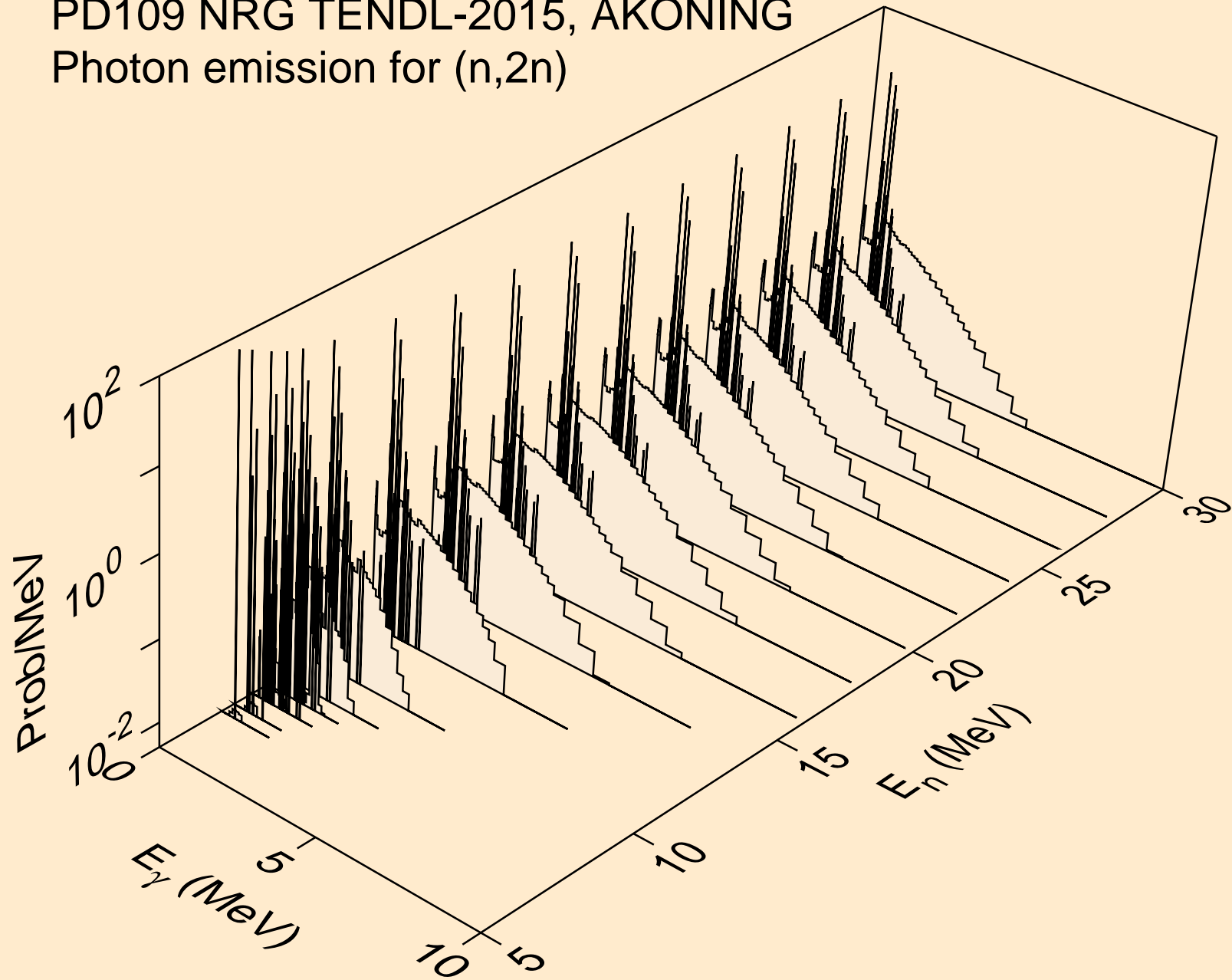
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



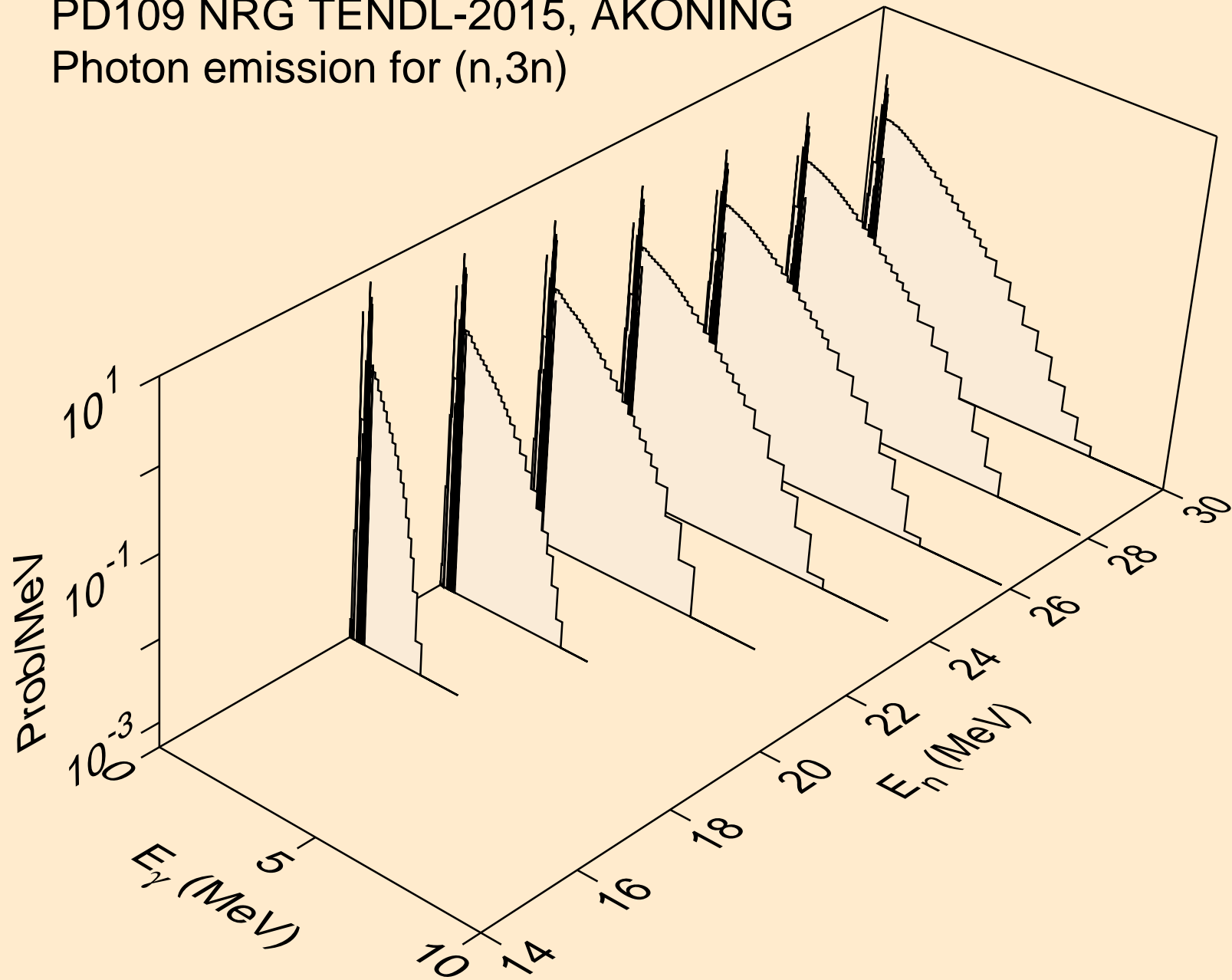
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



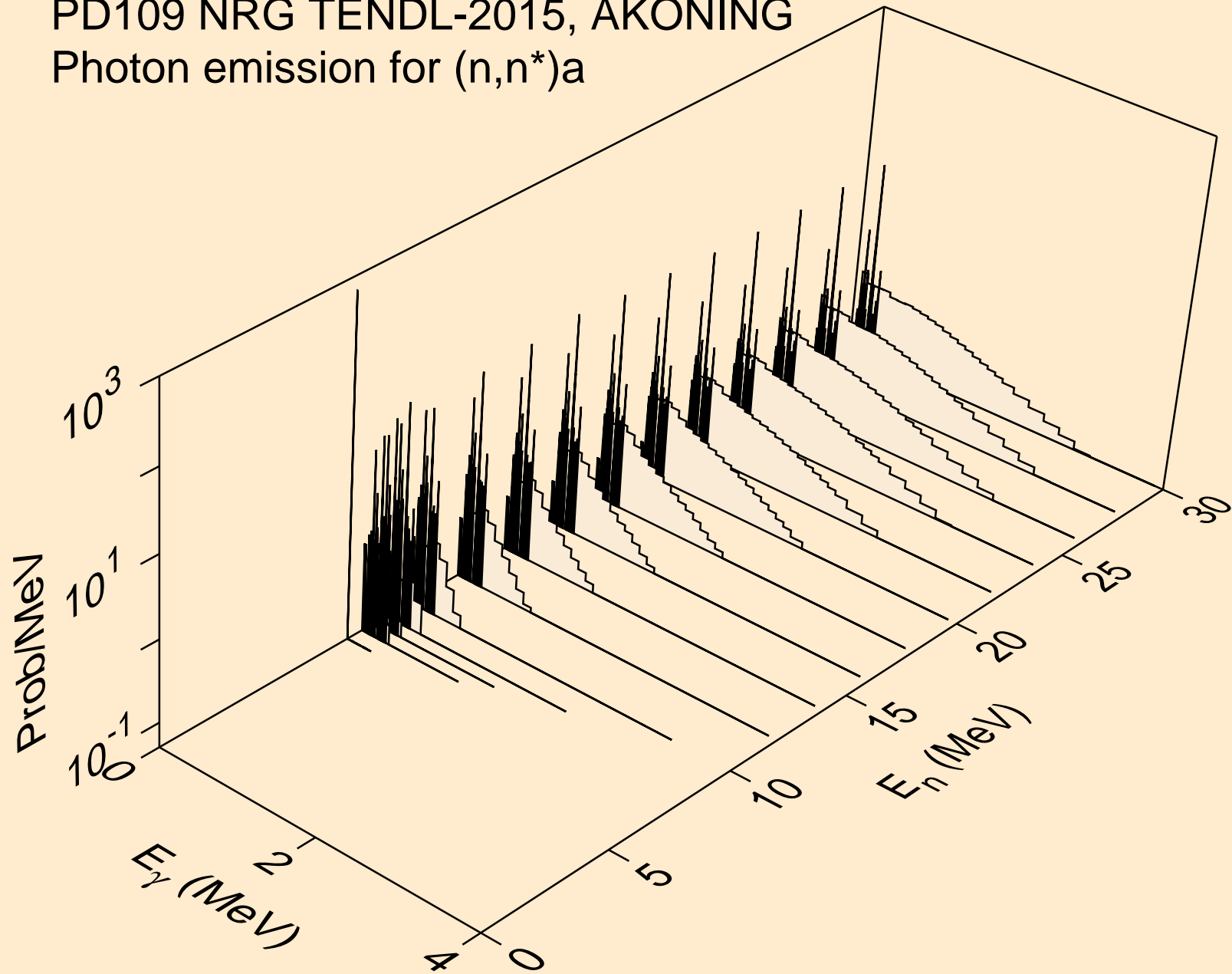
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

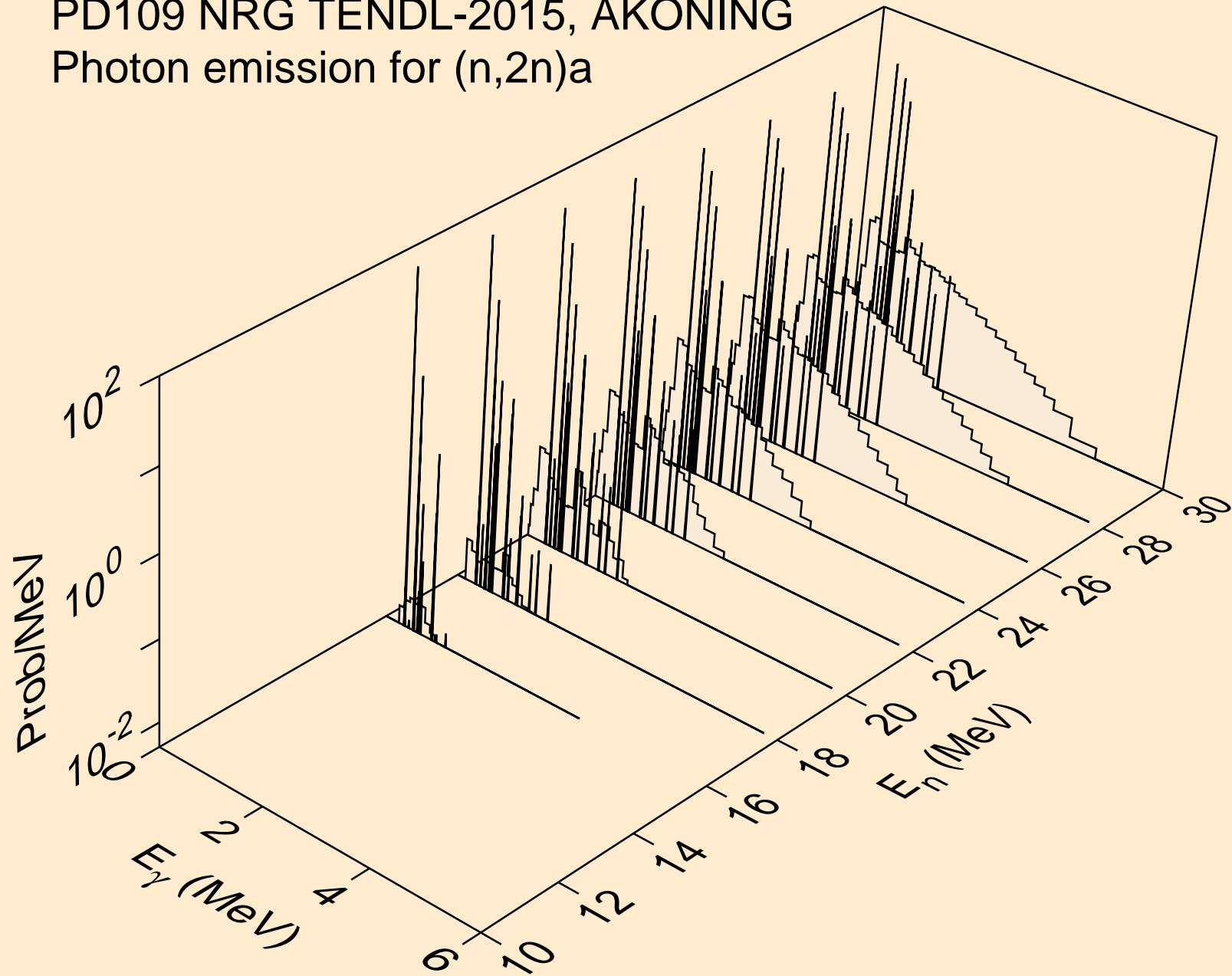


PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

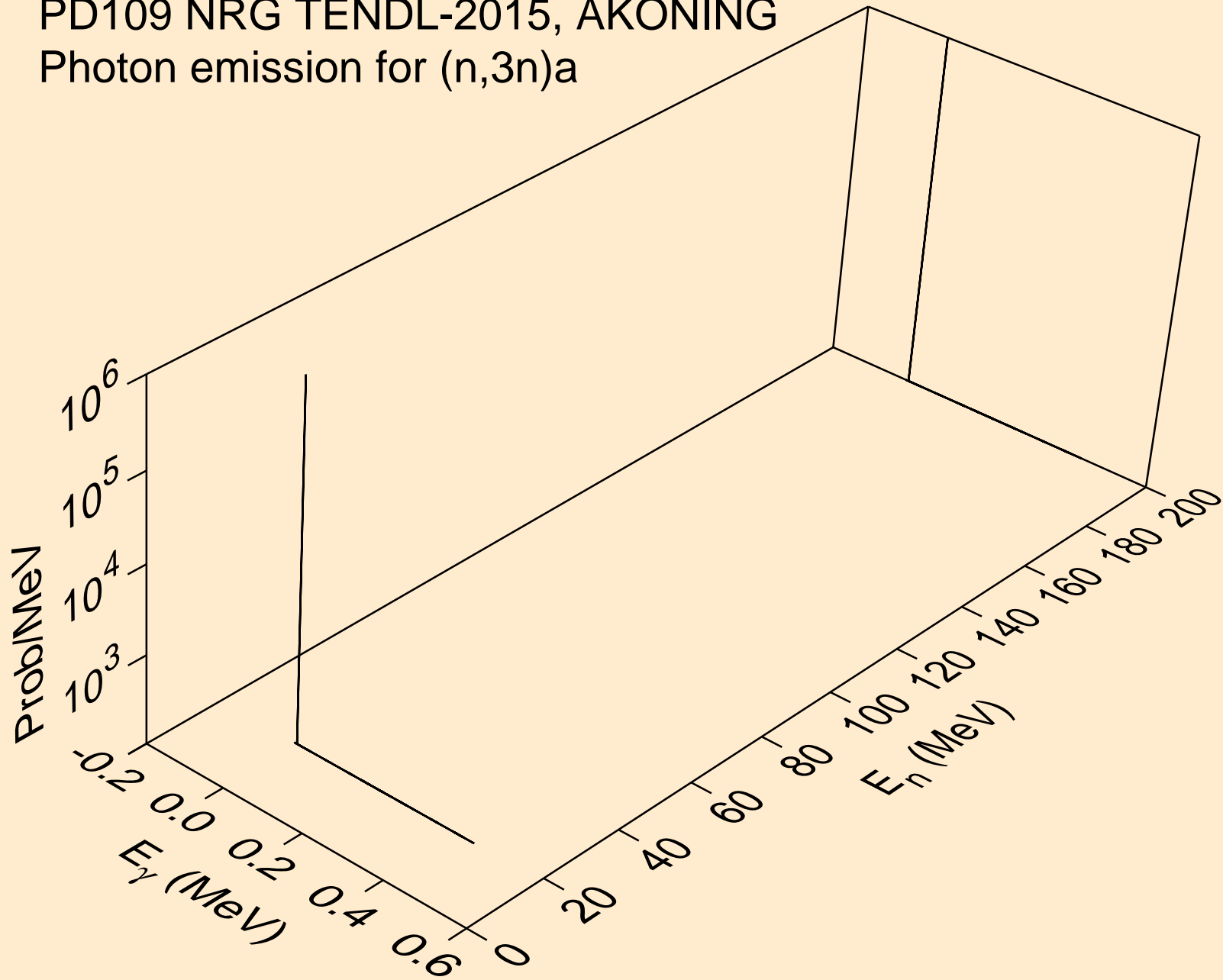




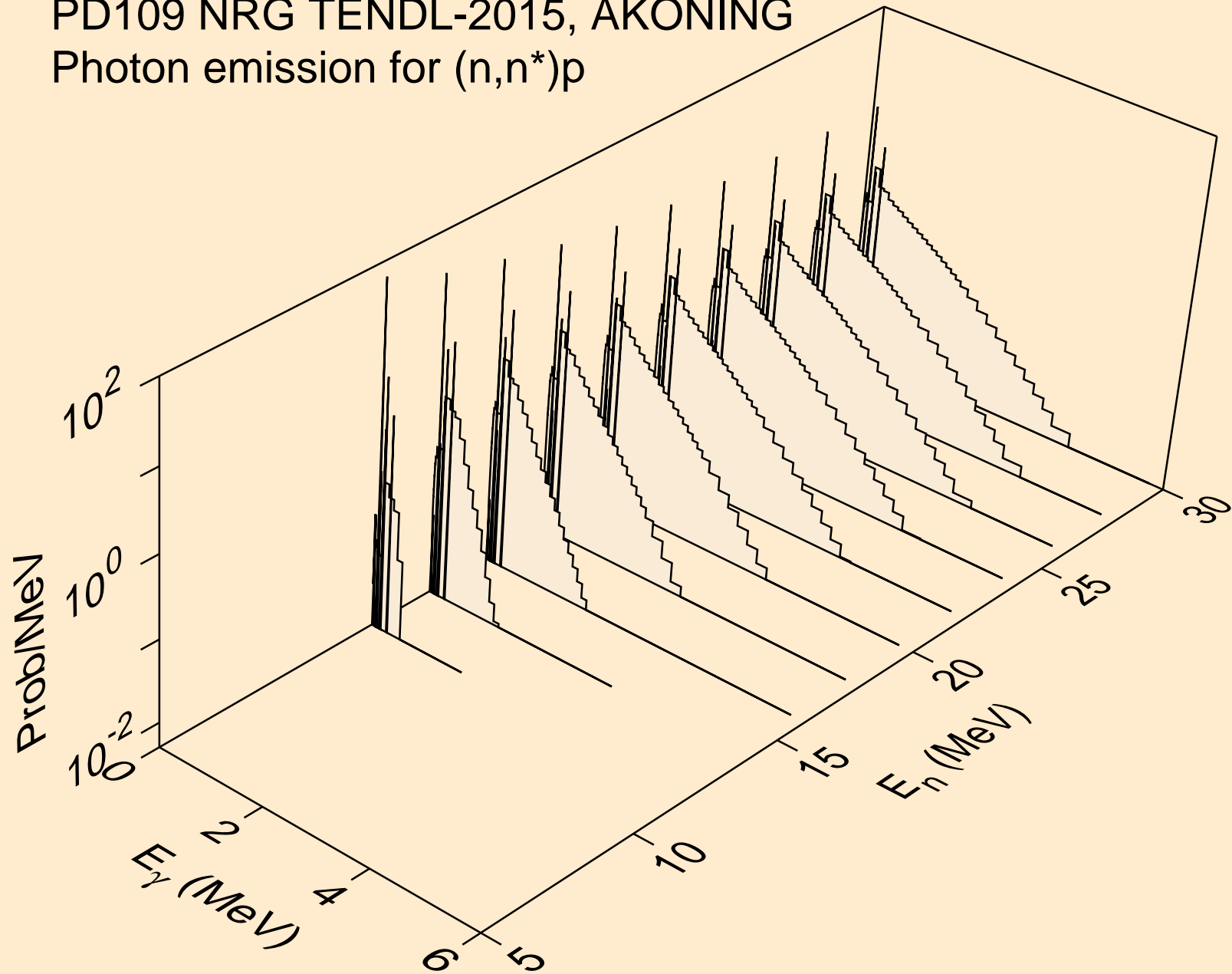
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



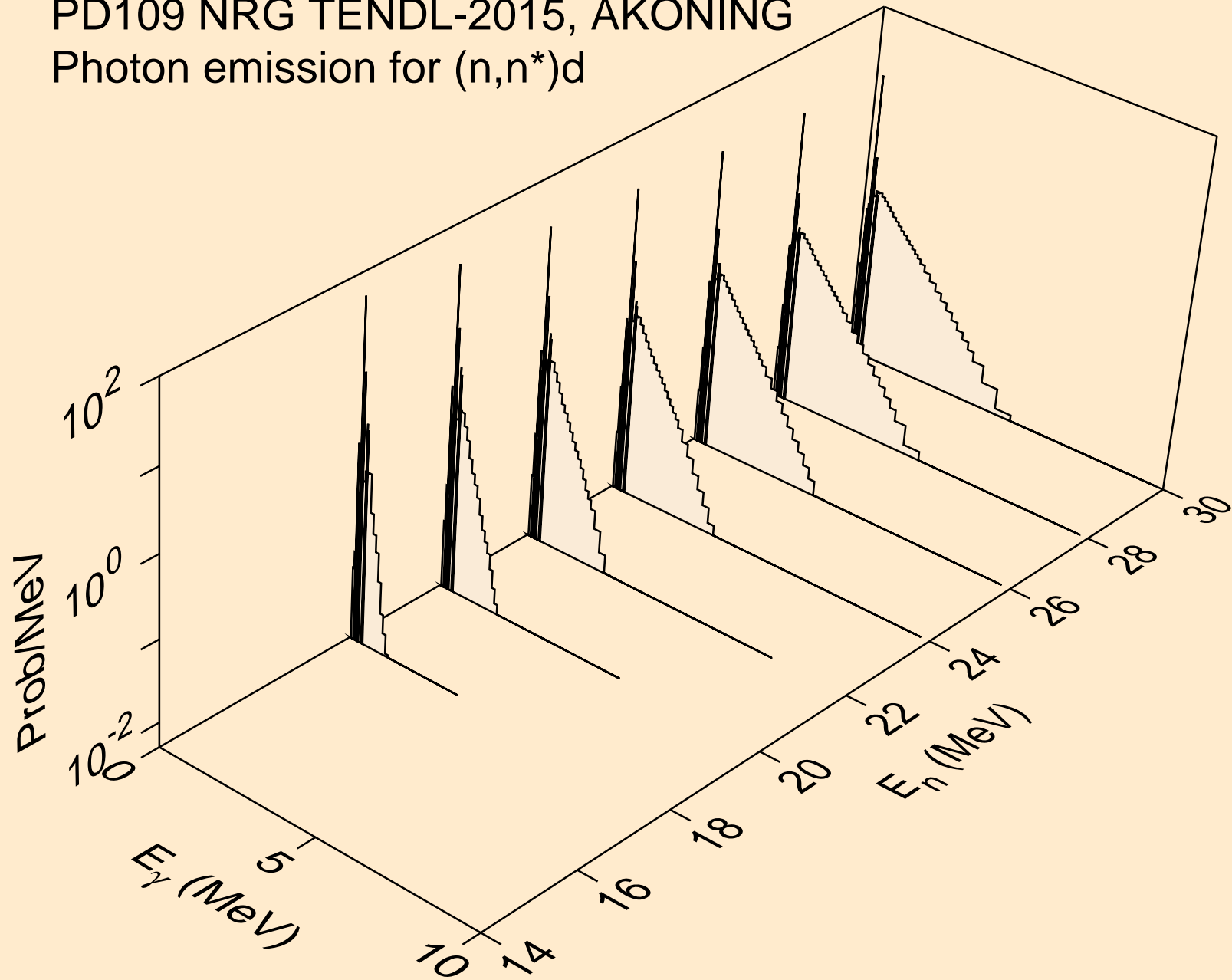
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



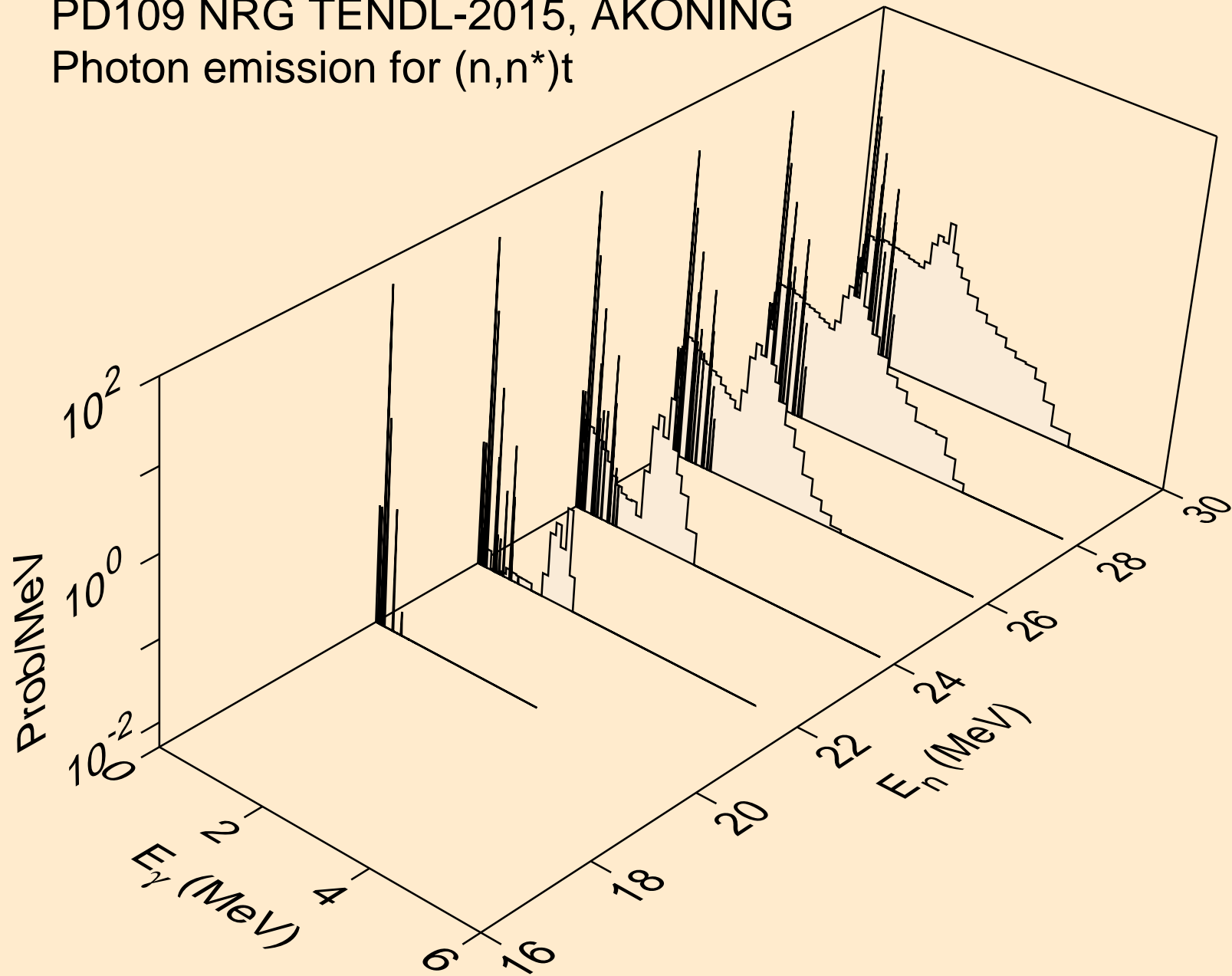
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



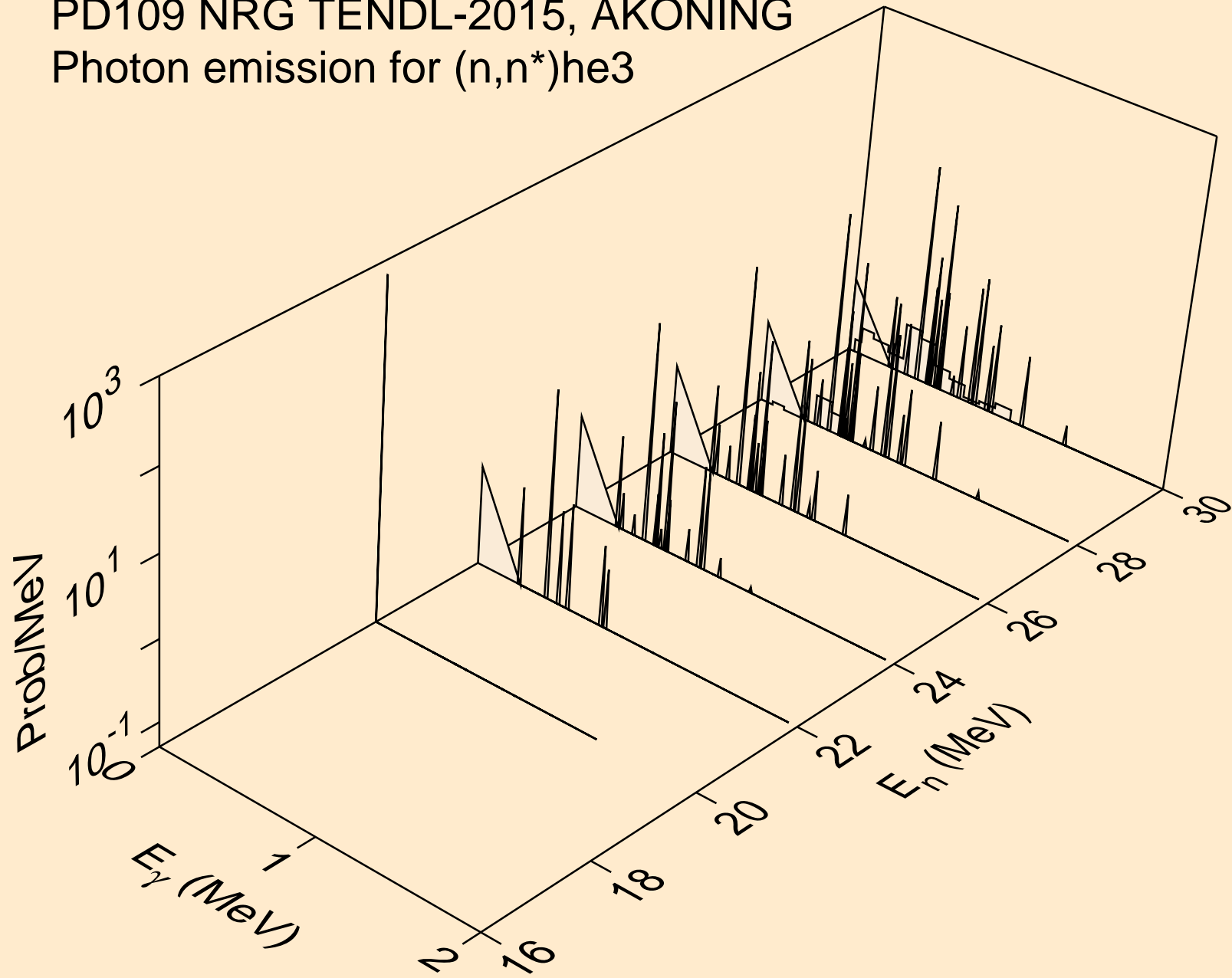
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



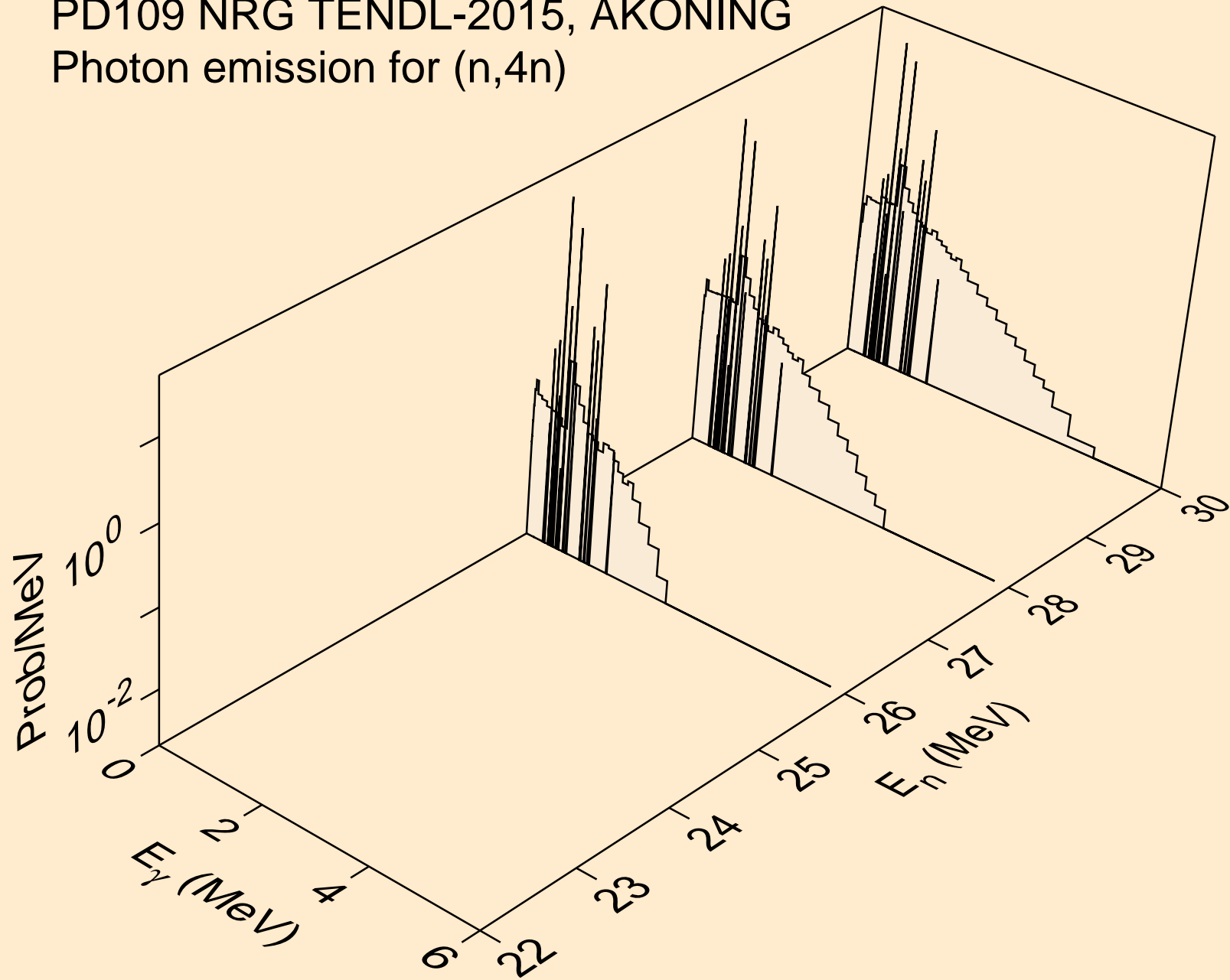
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



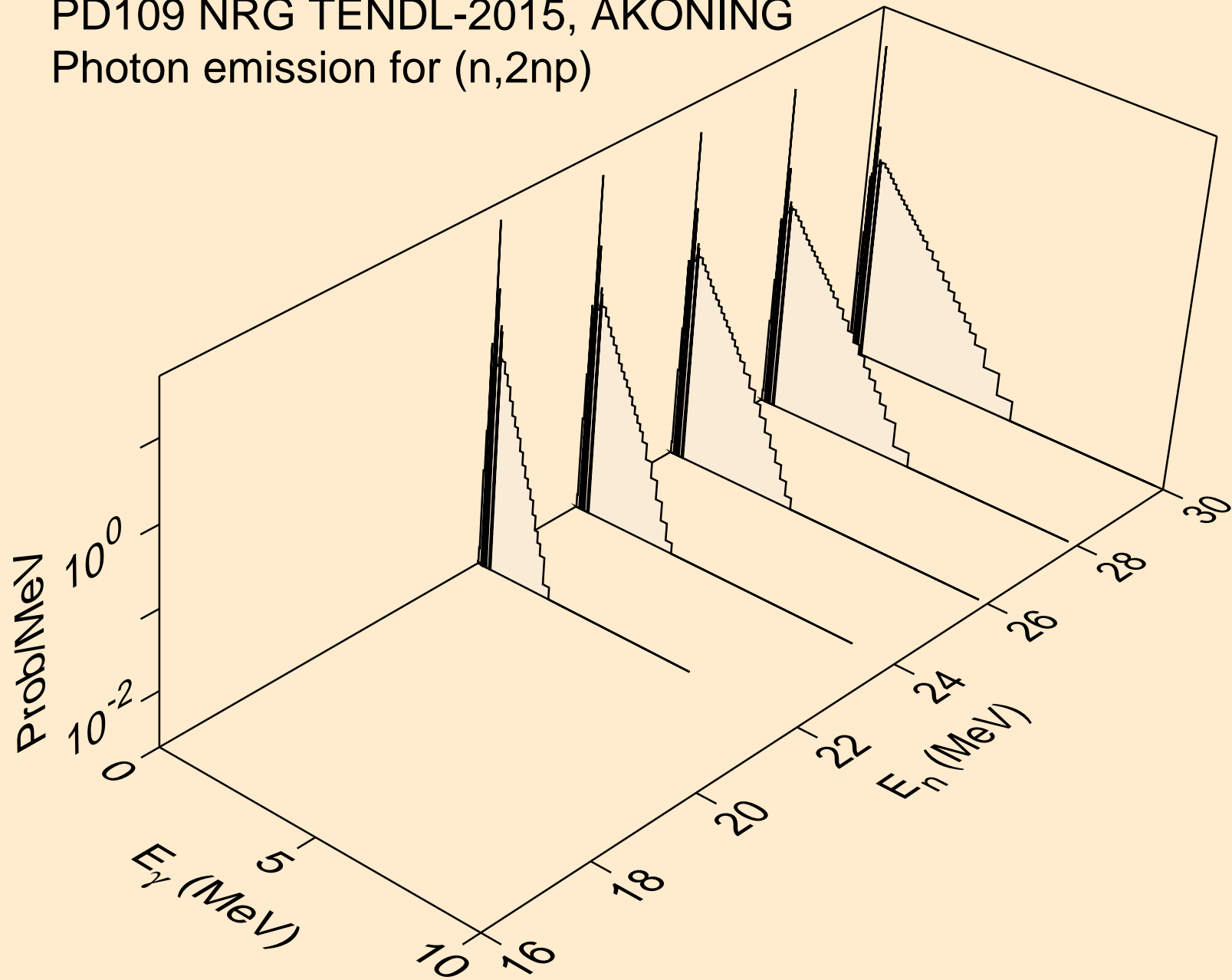
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

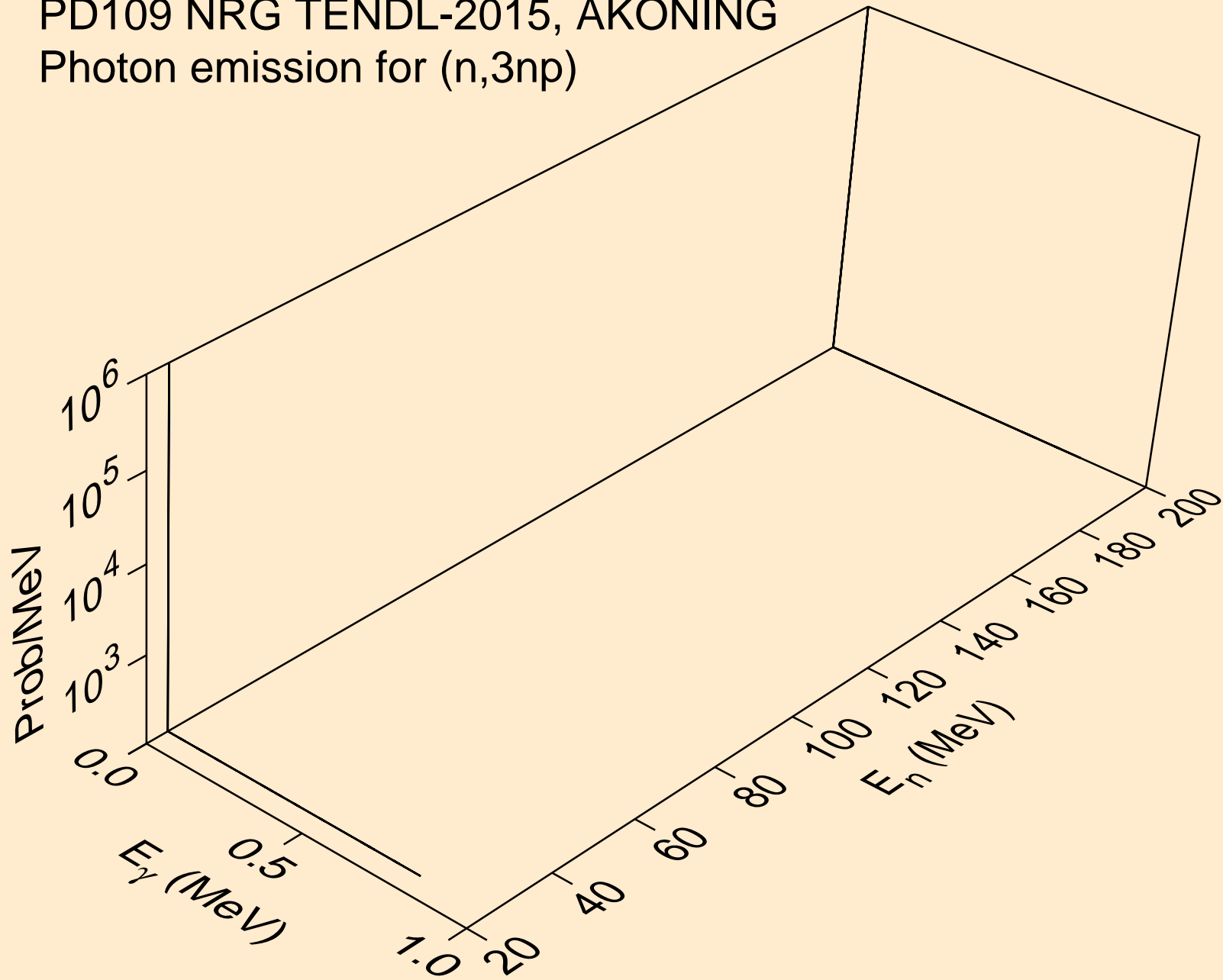


PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

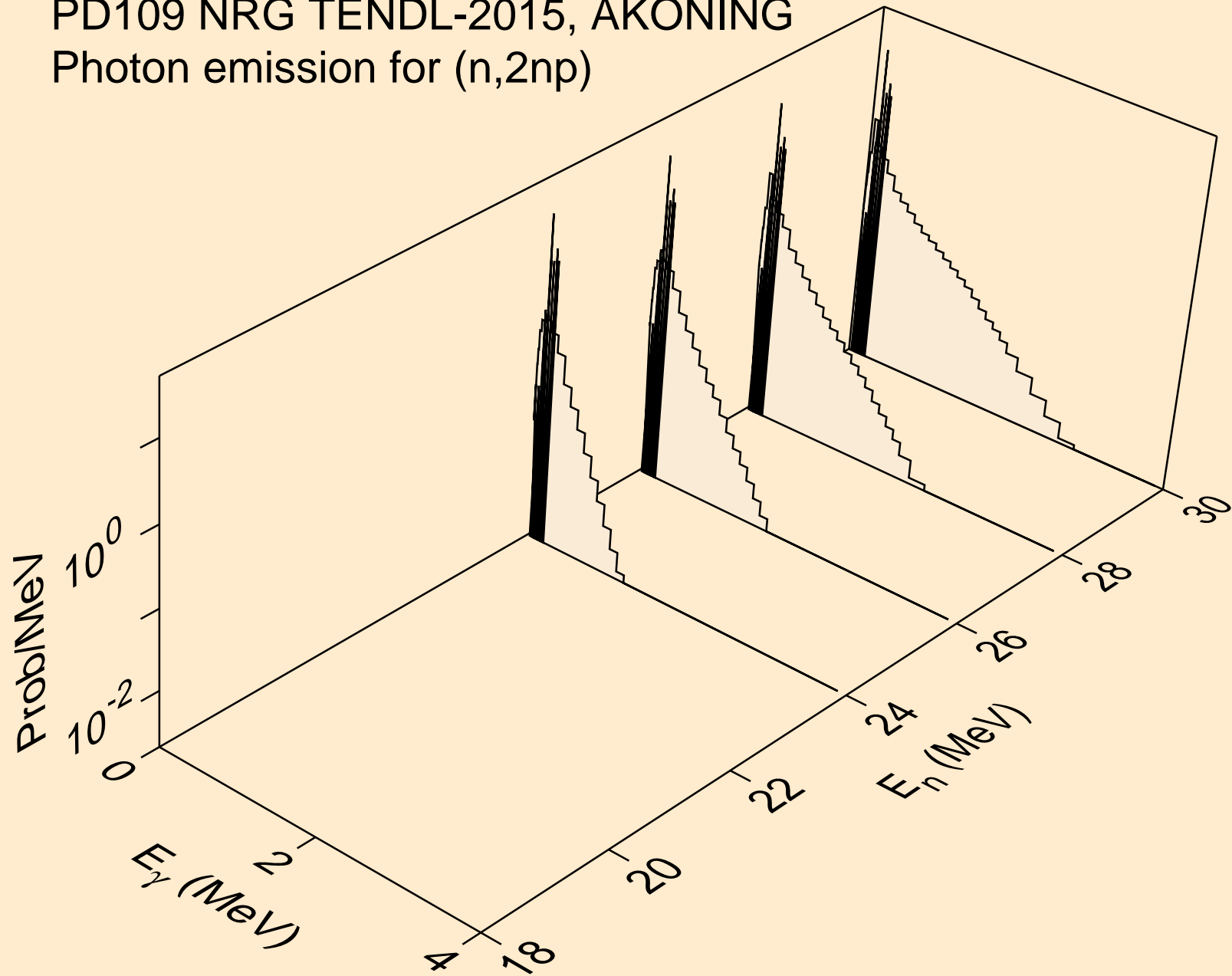




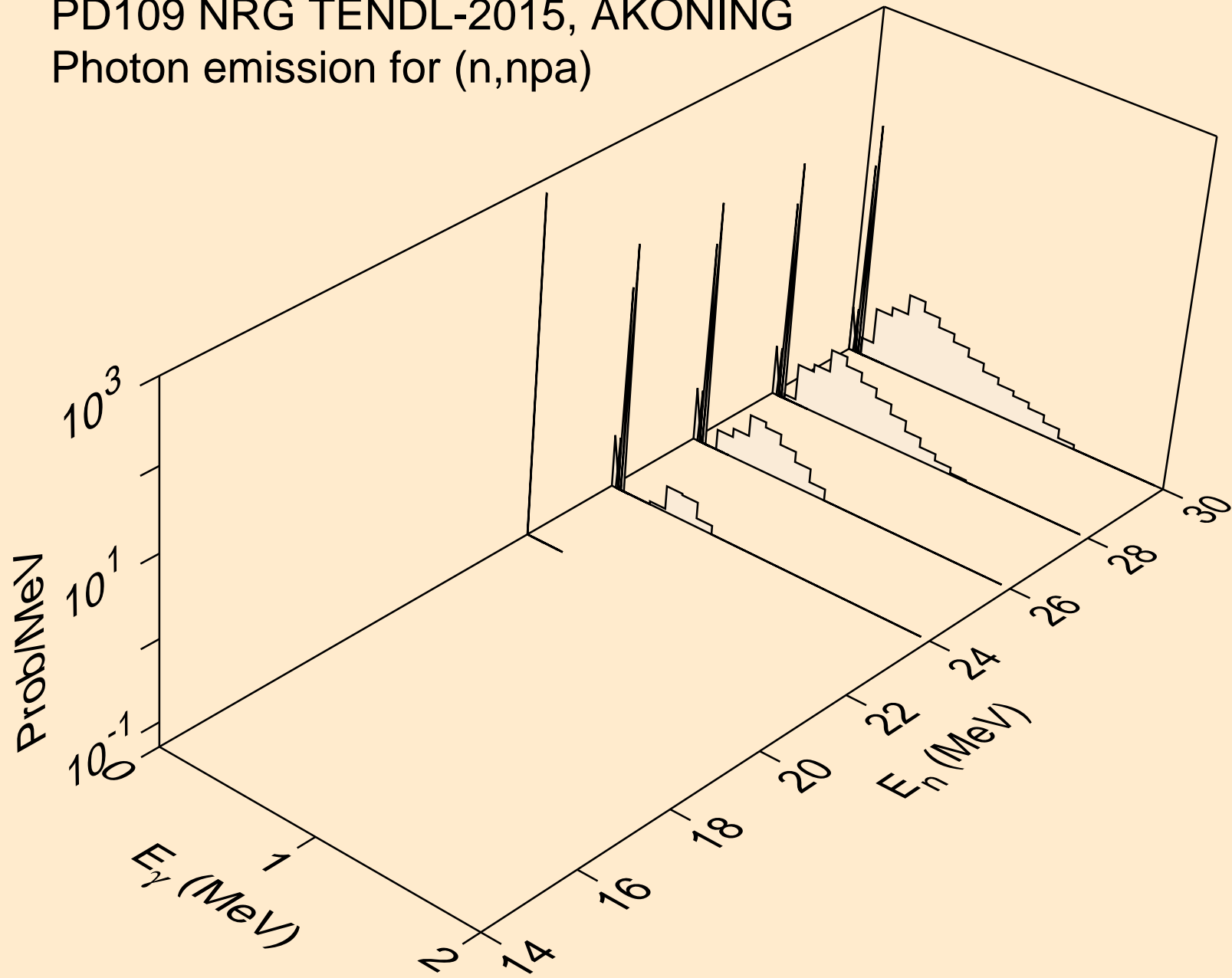
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



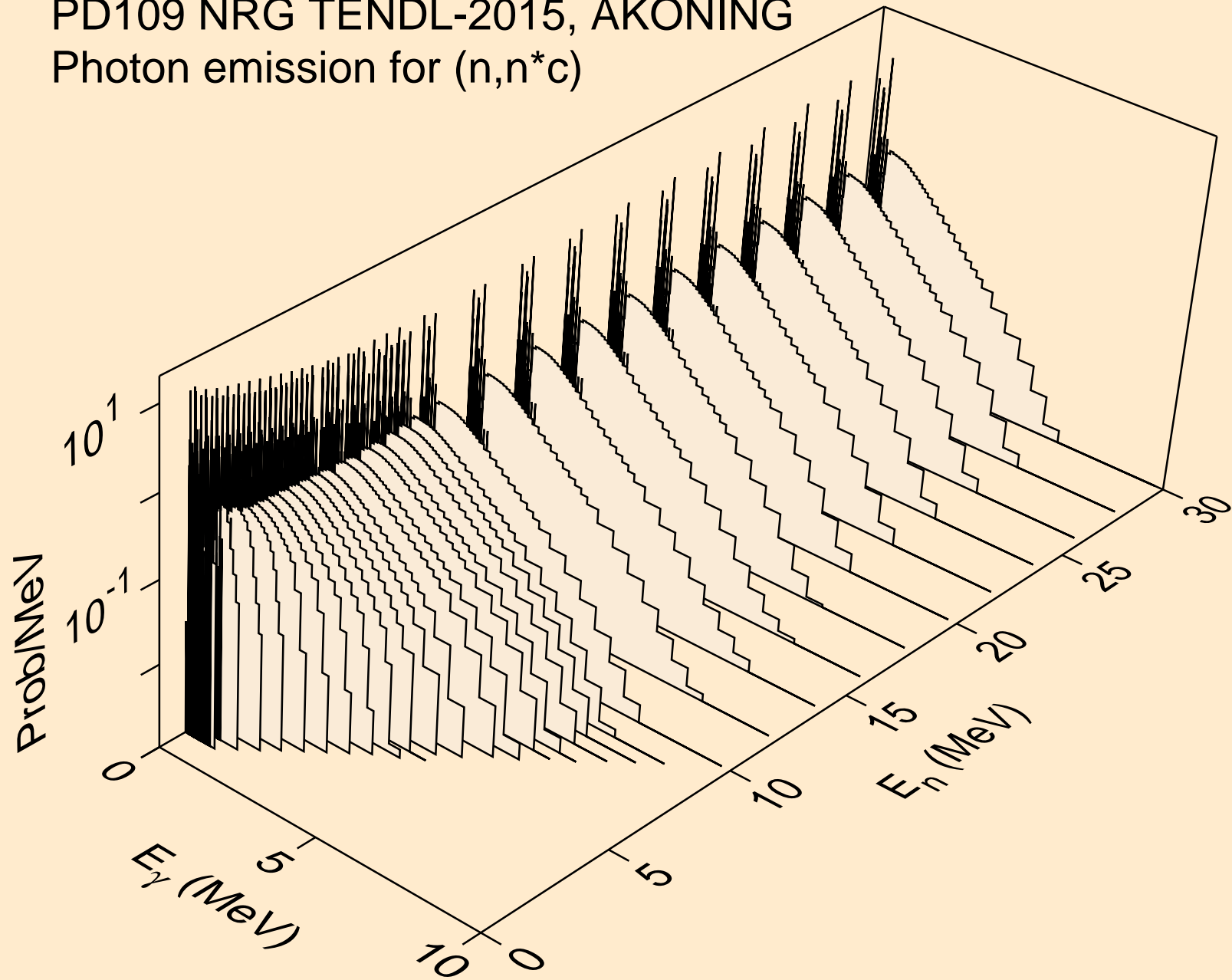
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



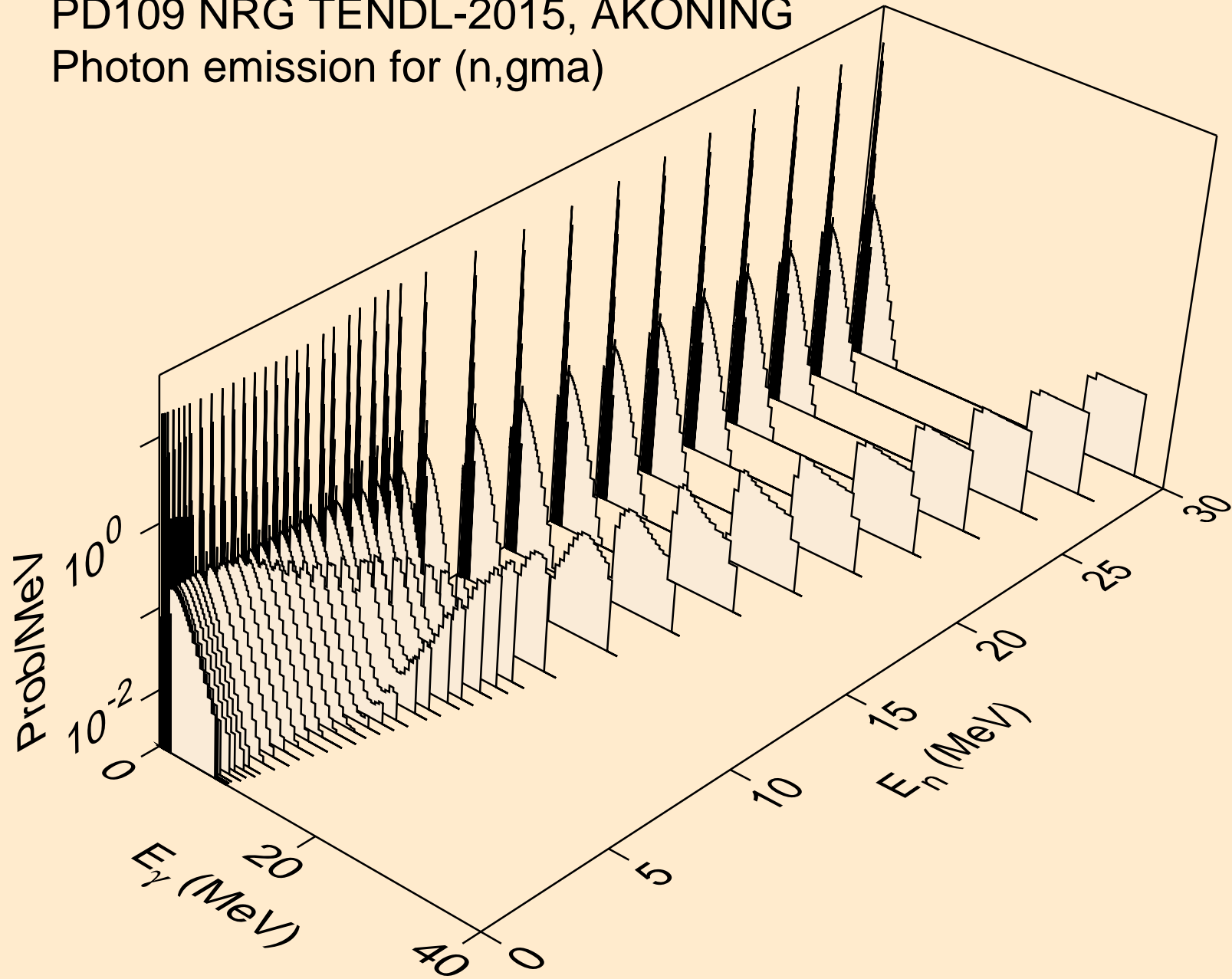
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



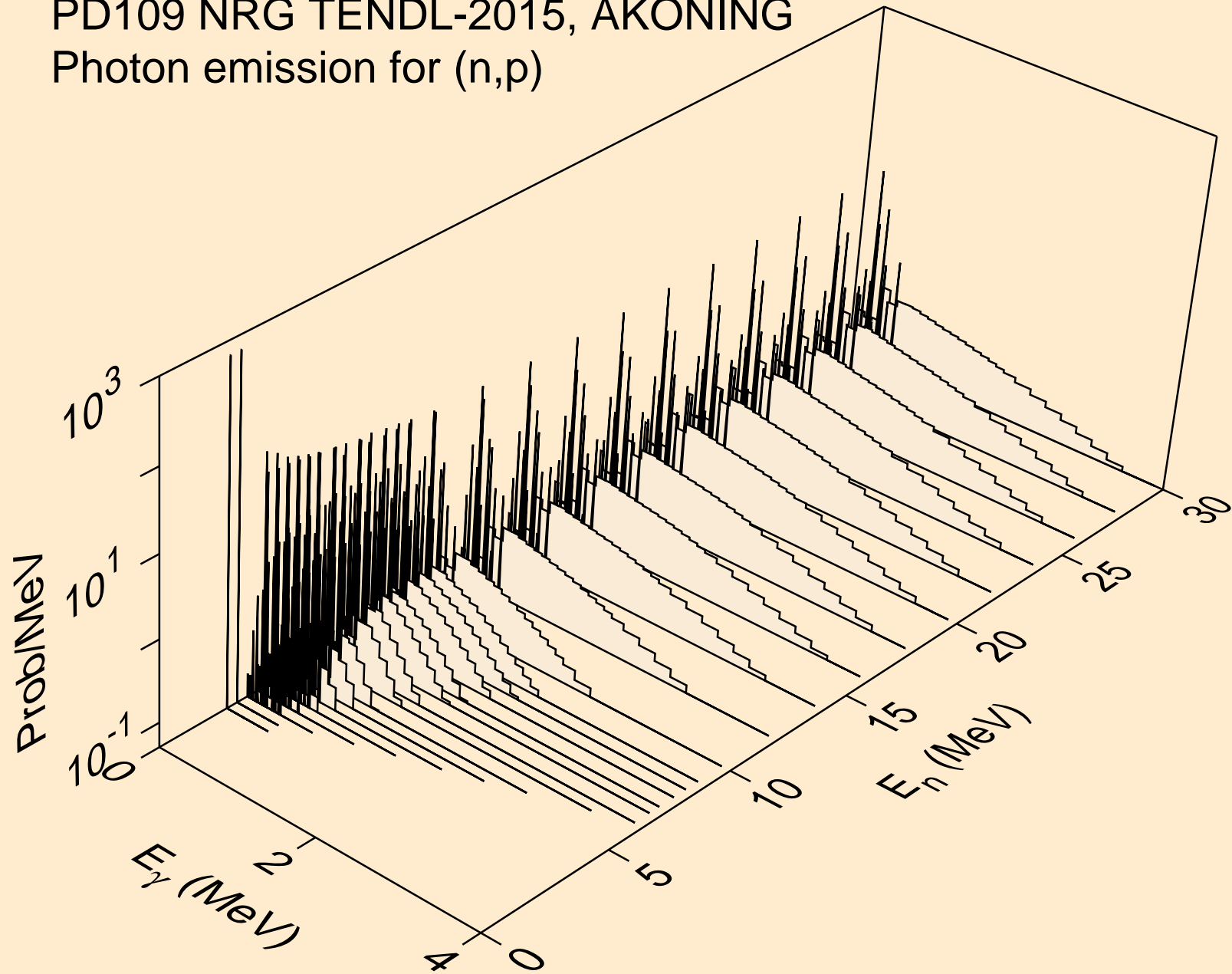
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



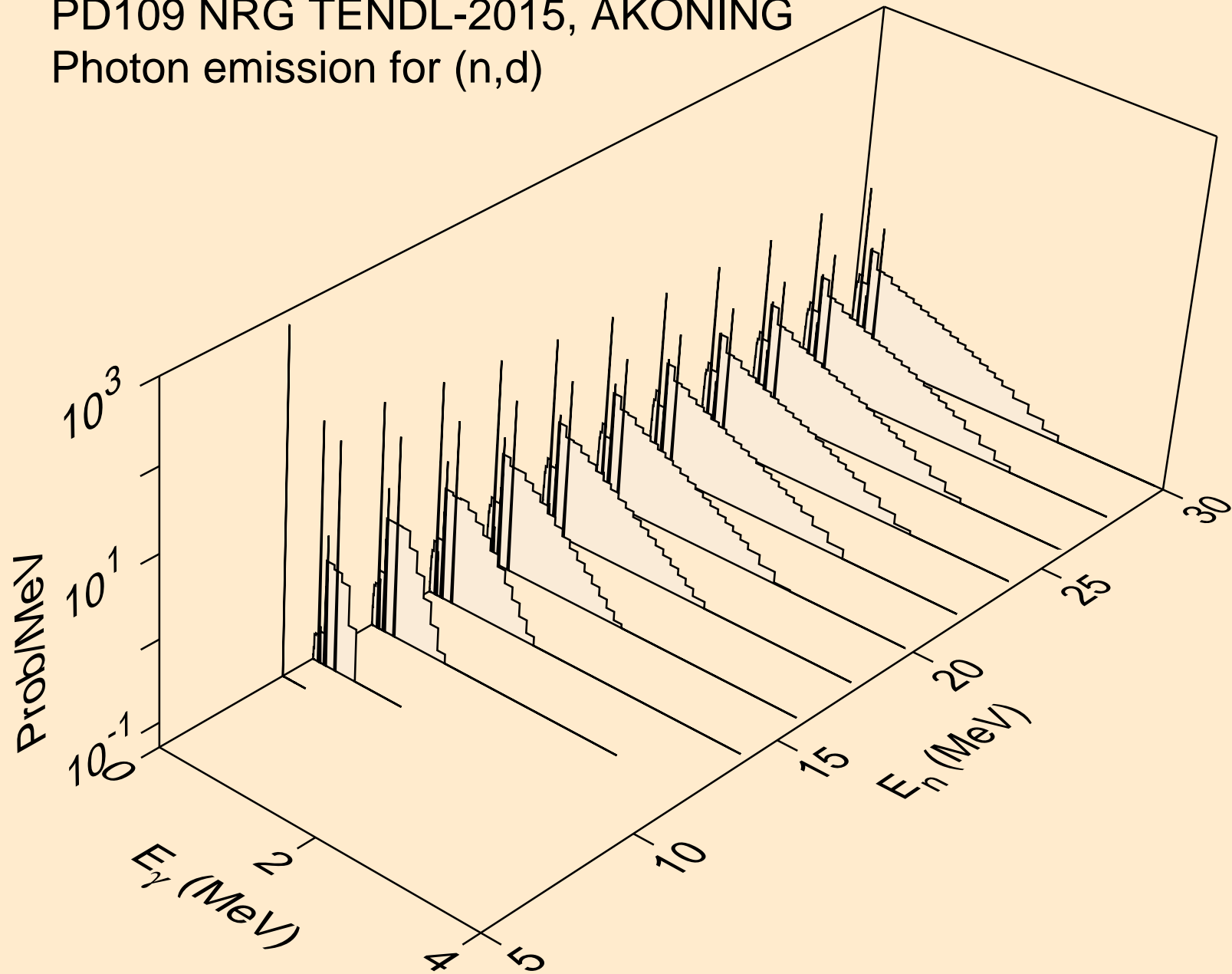
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



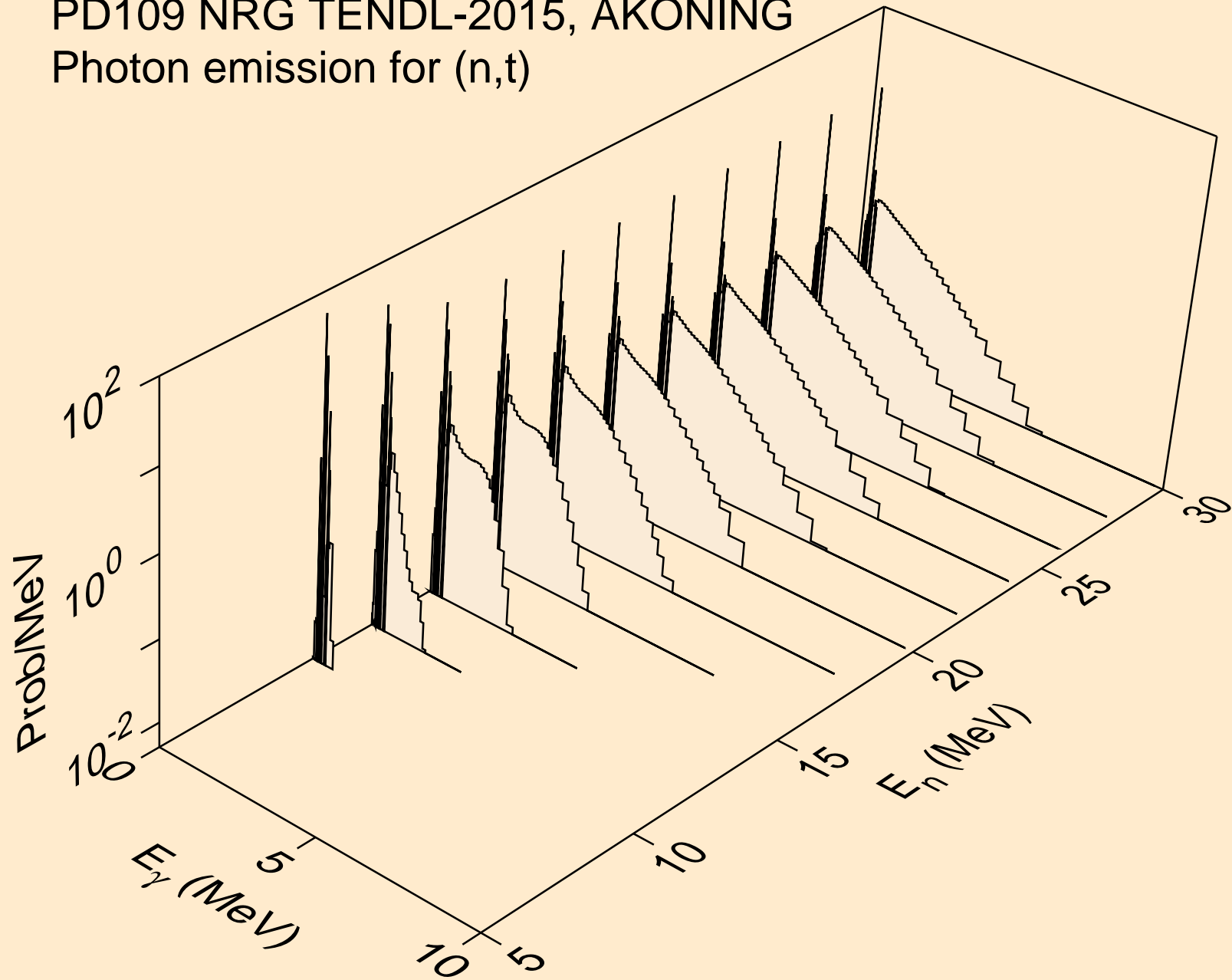
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

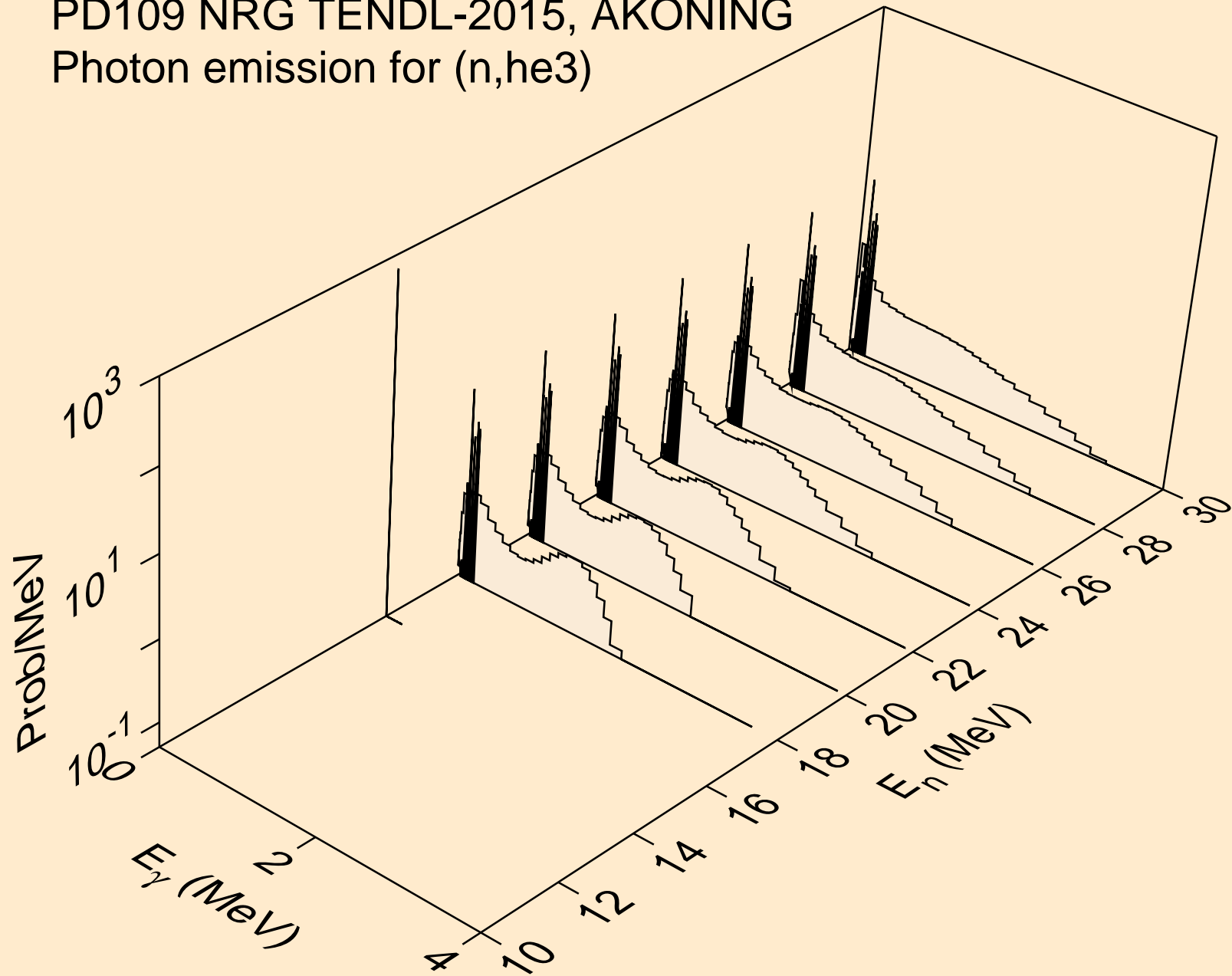


PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

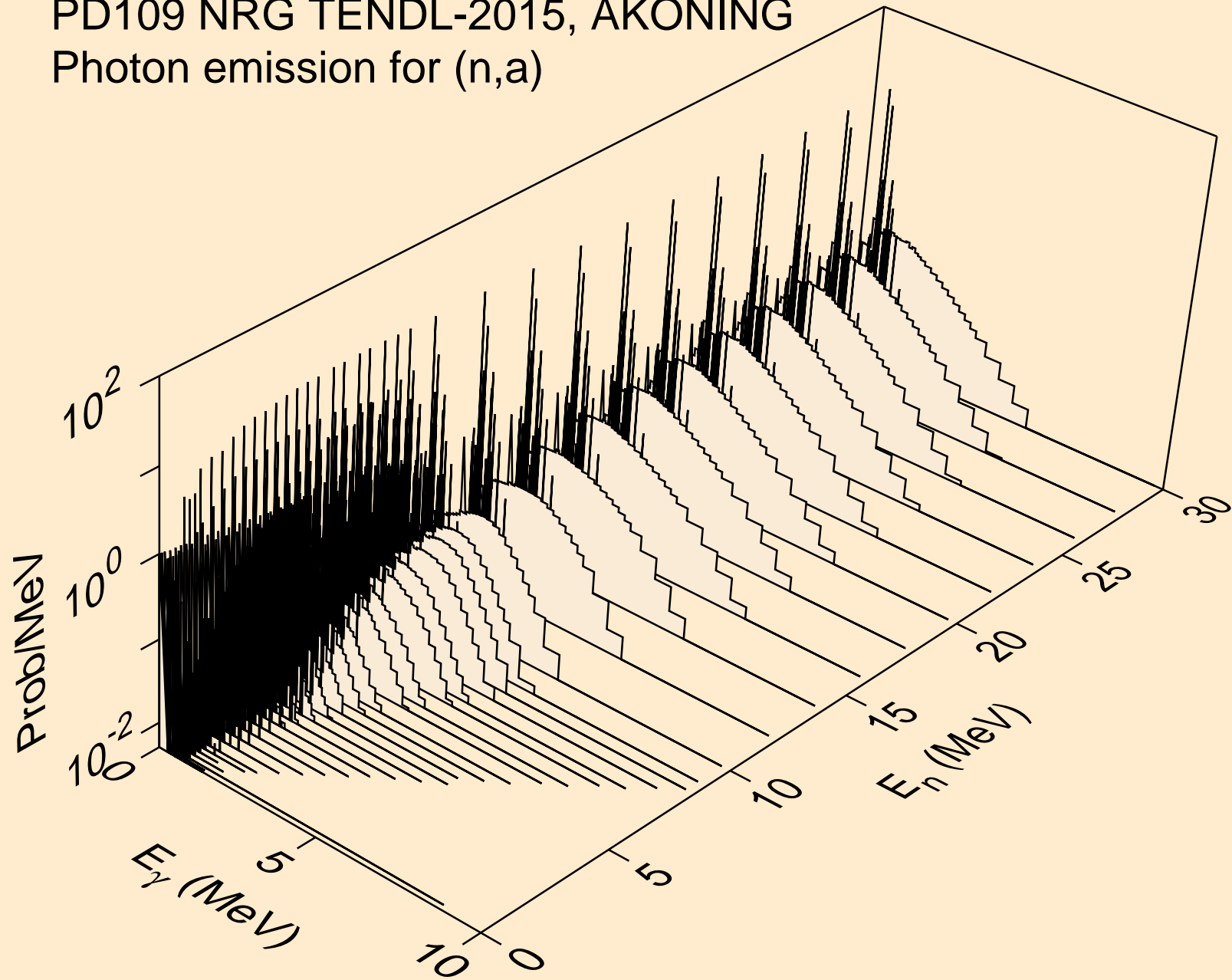




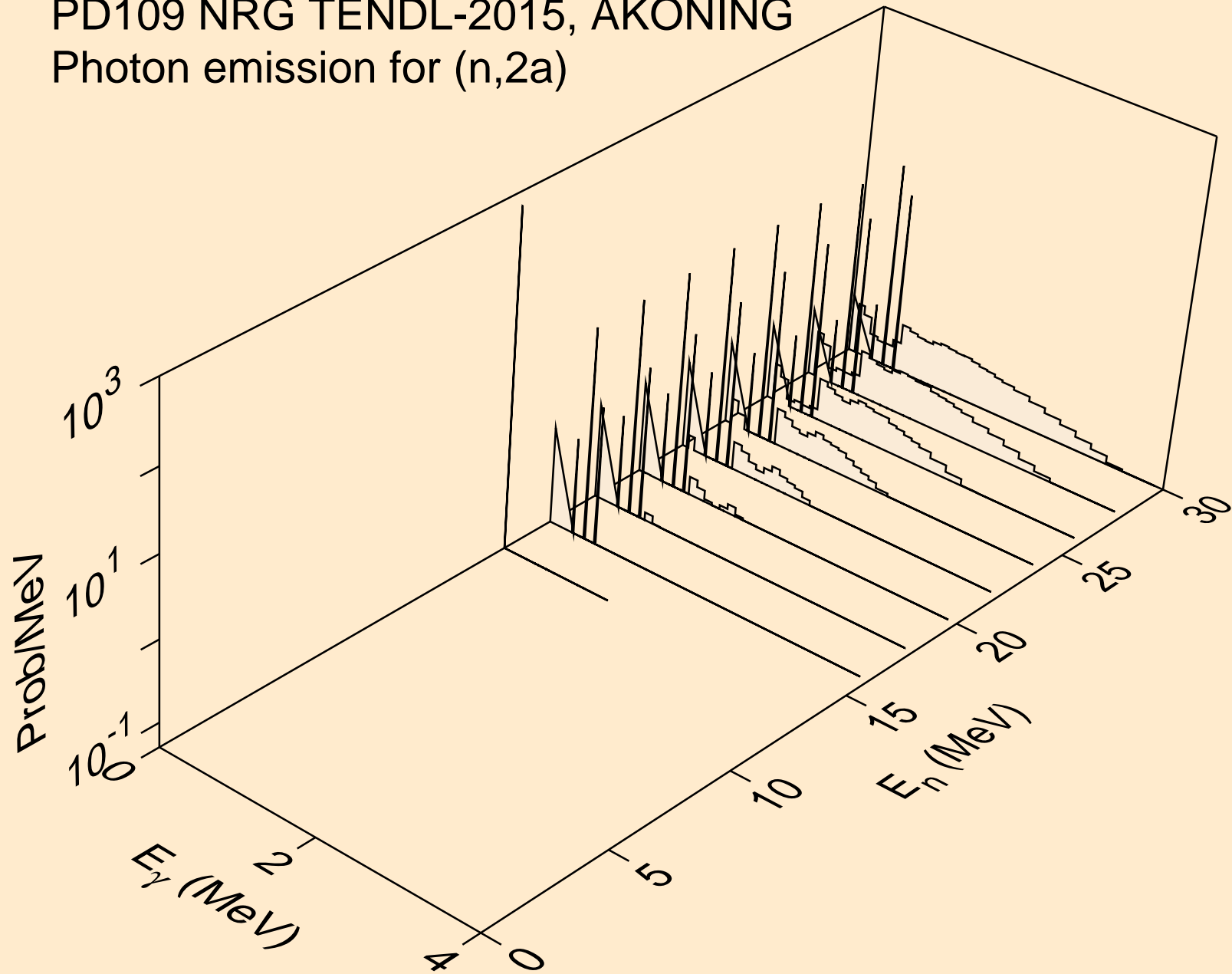
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



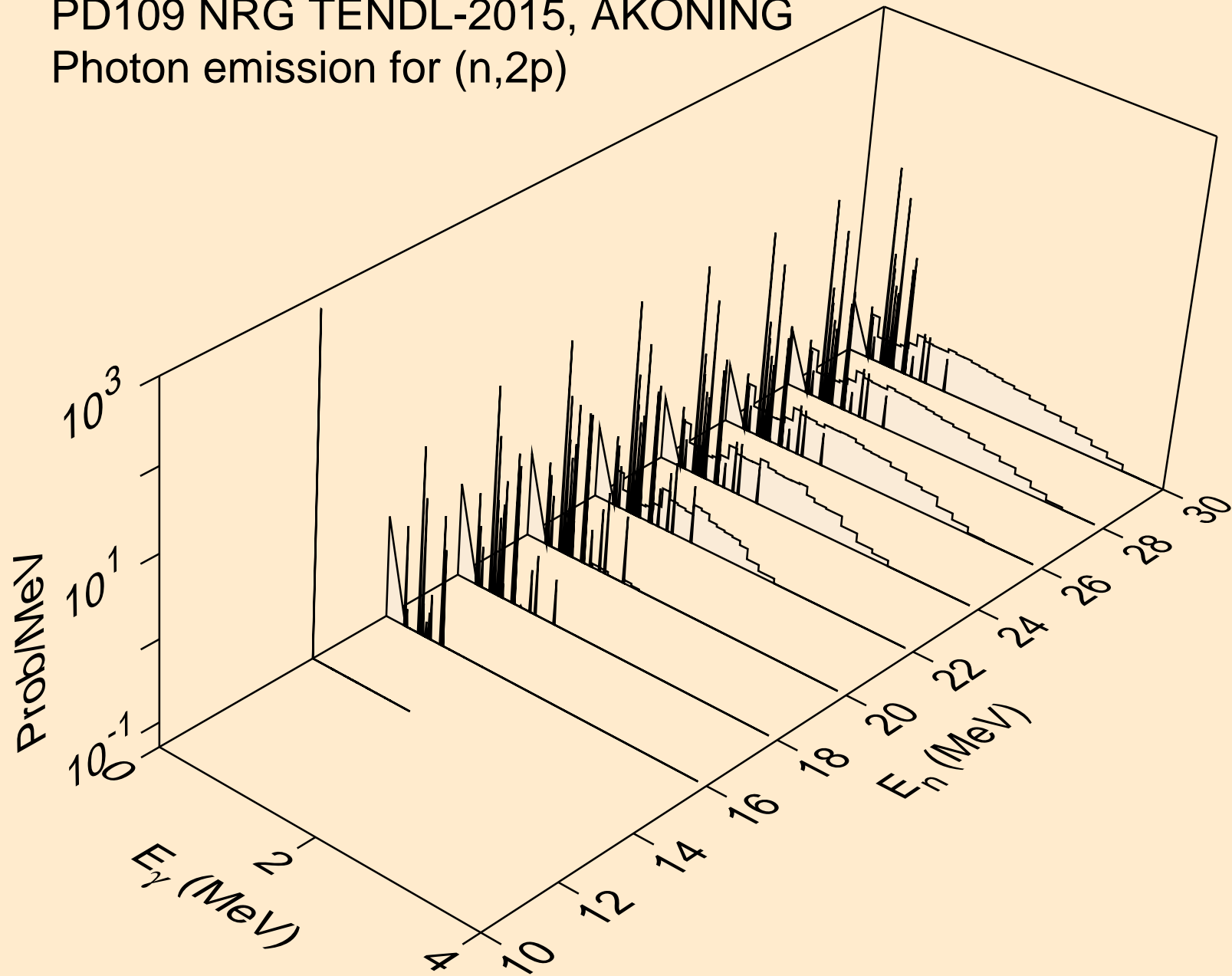
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



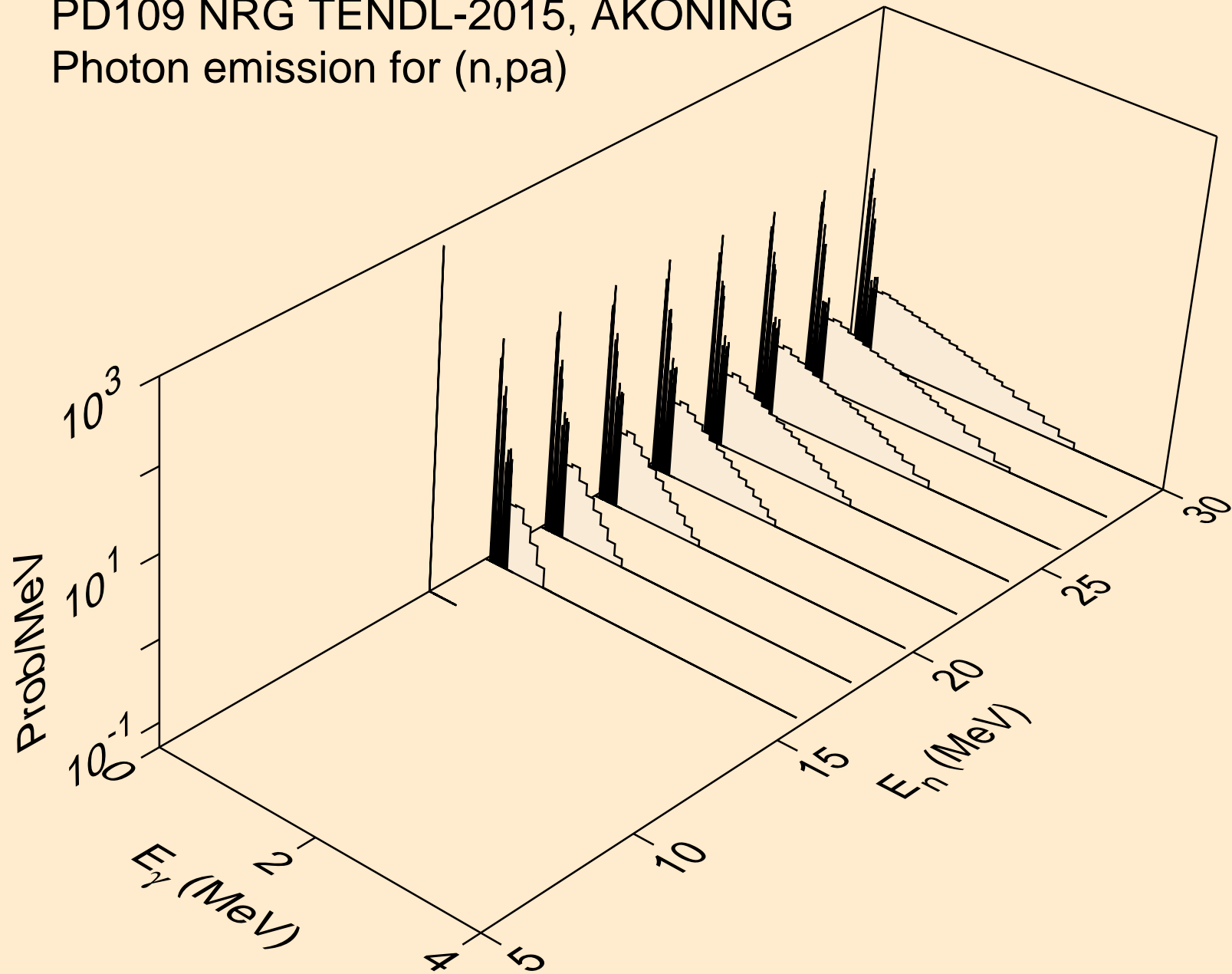
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



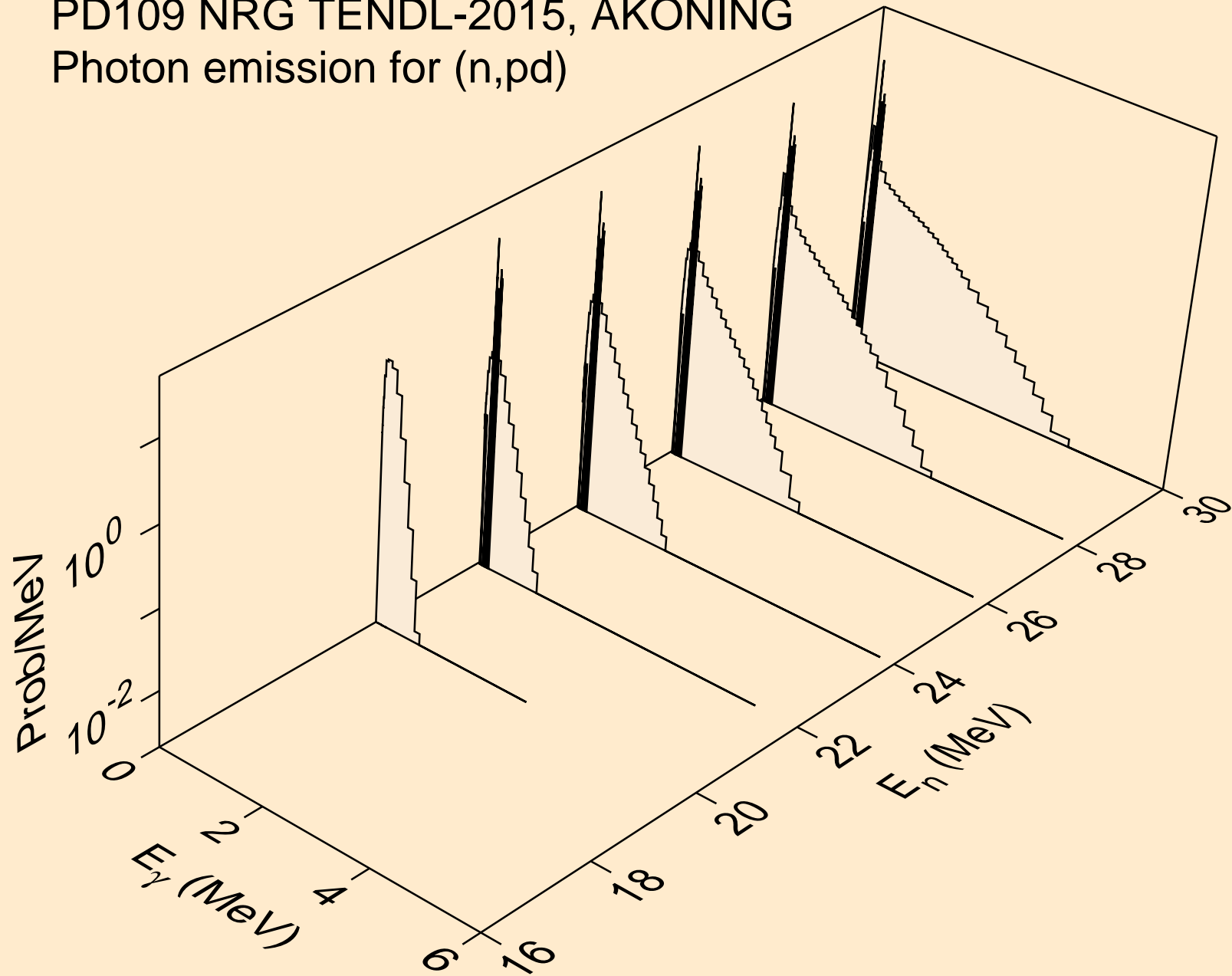
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



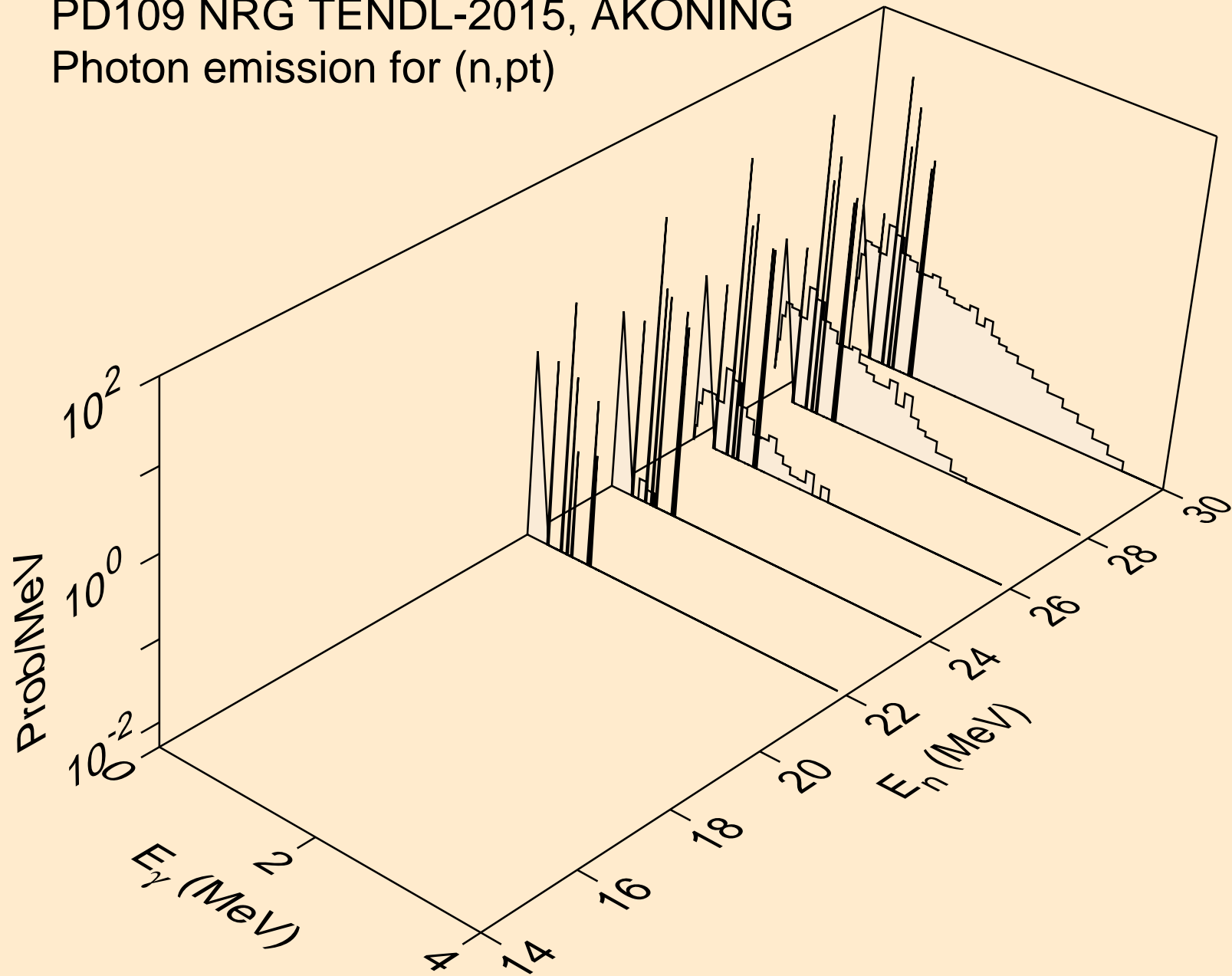
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



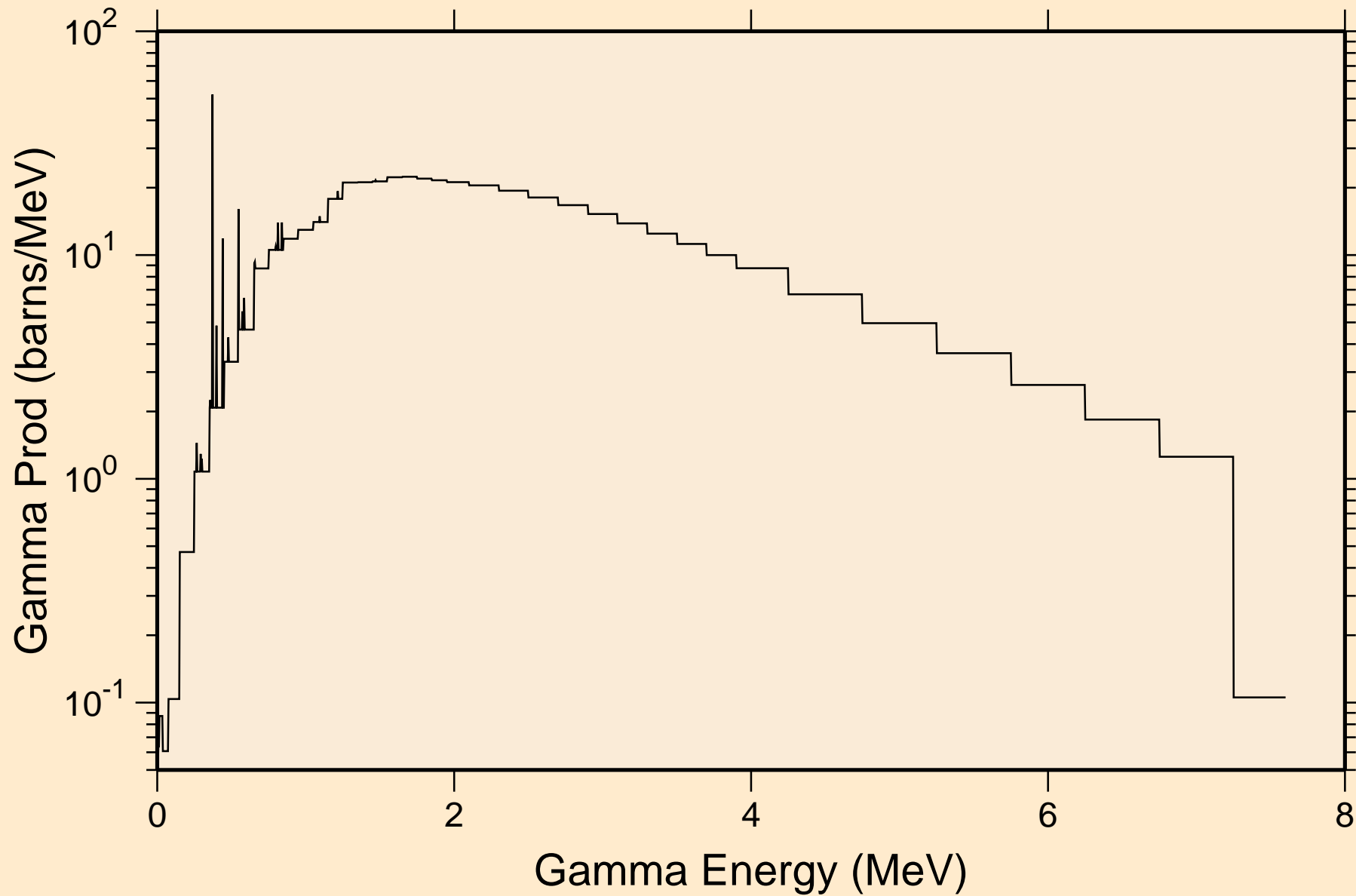
PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



PD109 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

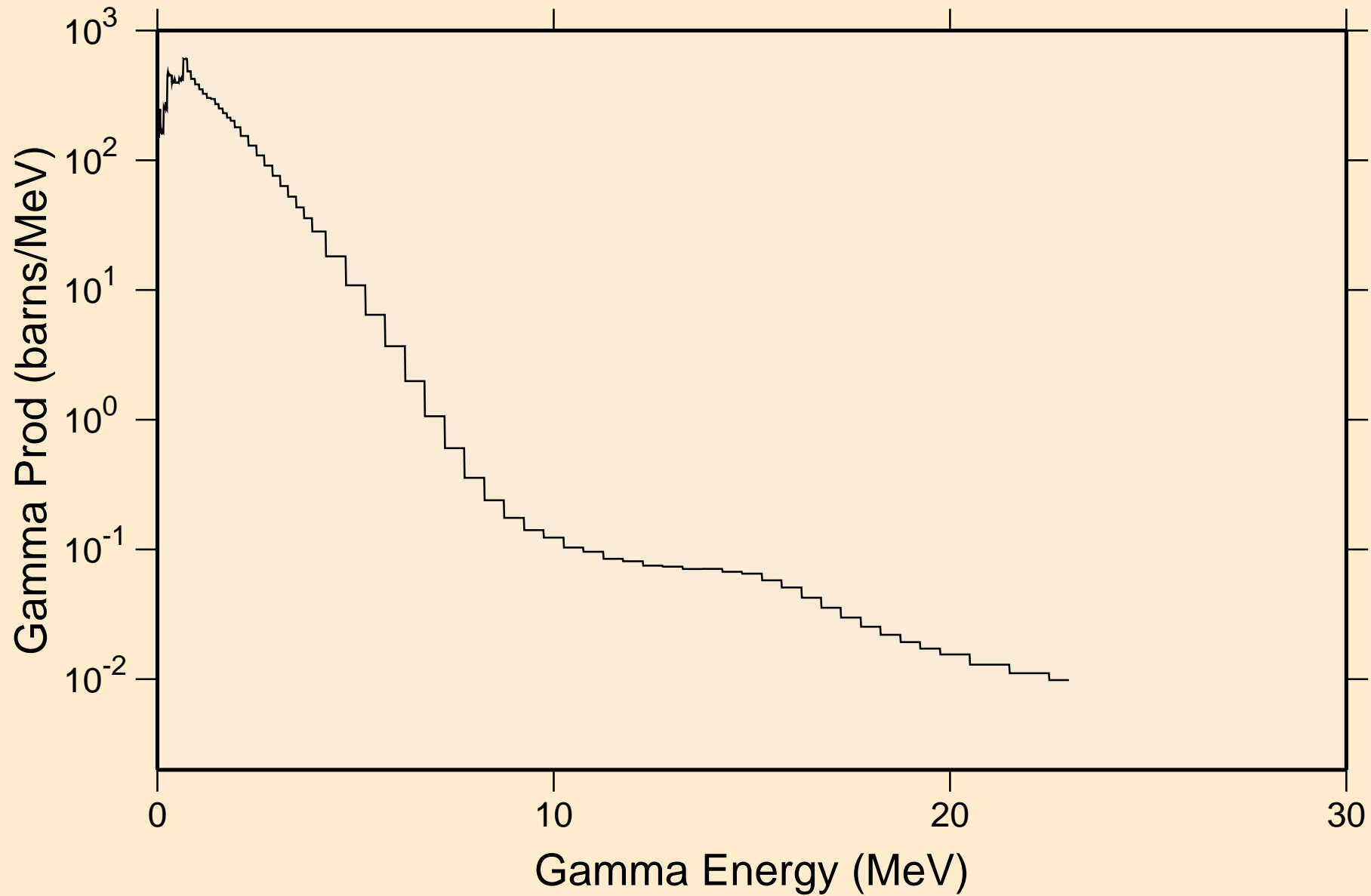


PD109 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



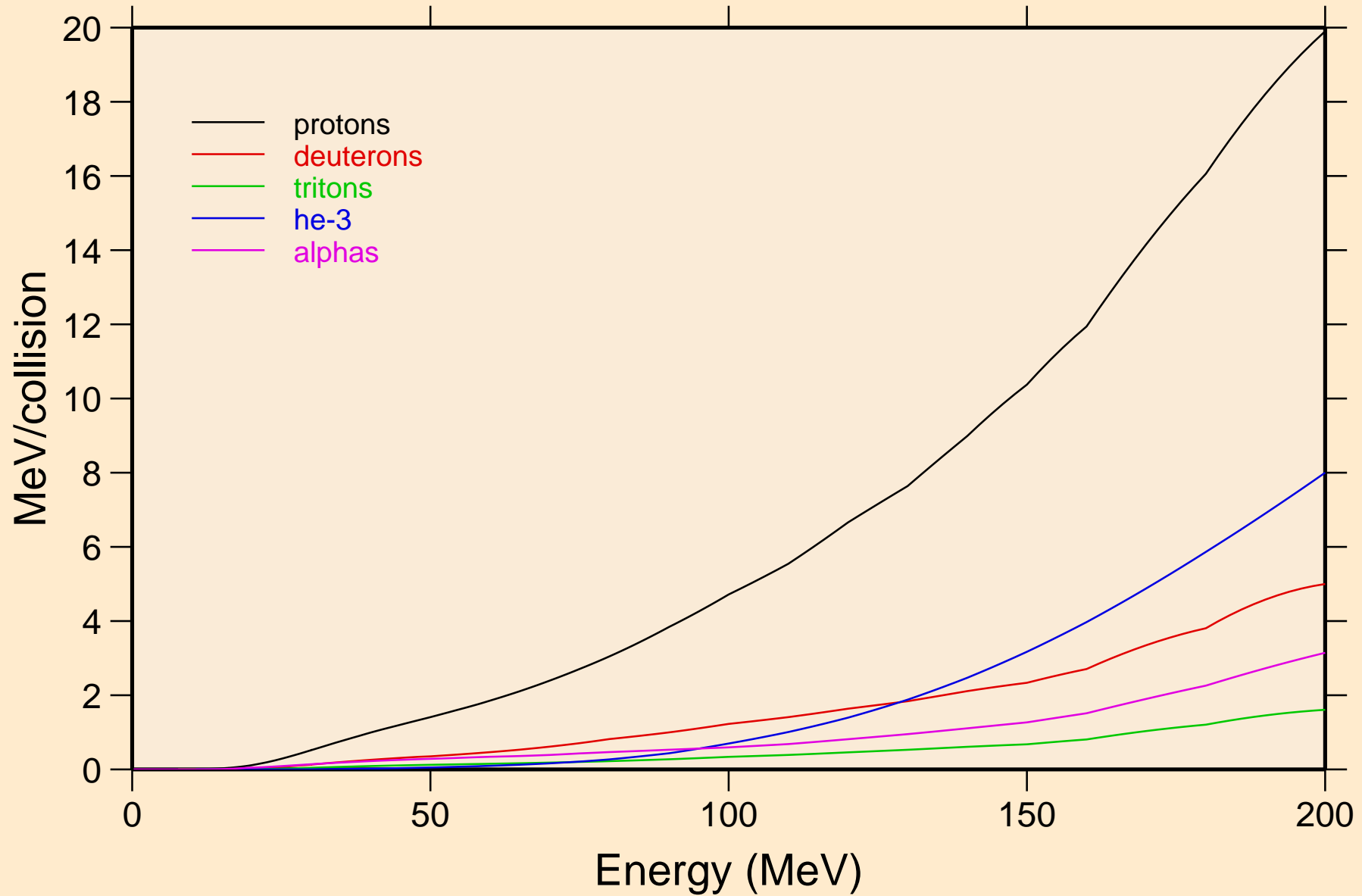


PD109 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



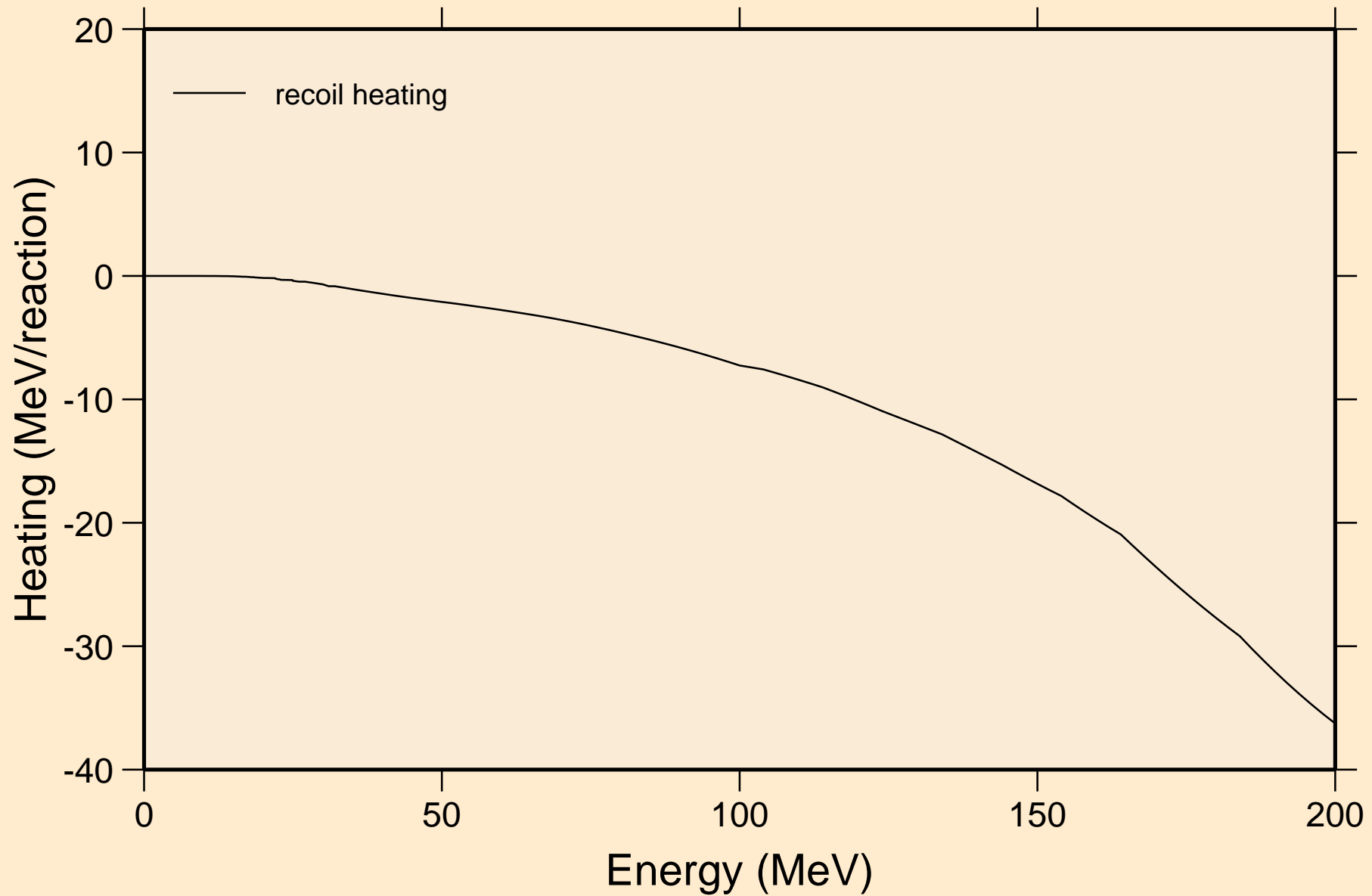
# PD109 NRG TENDL-2015, AKONING

## Particle heating contributions



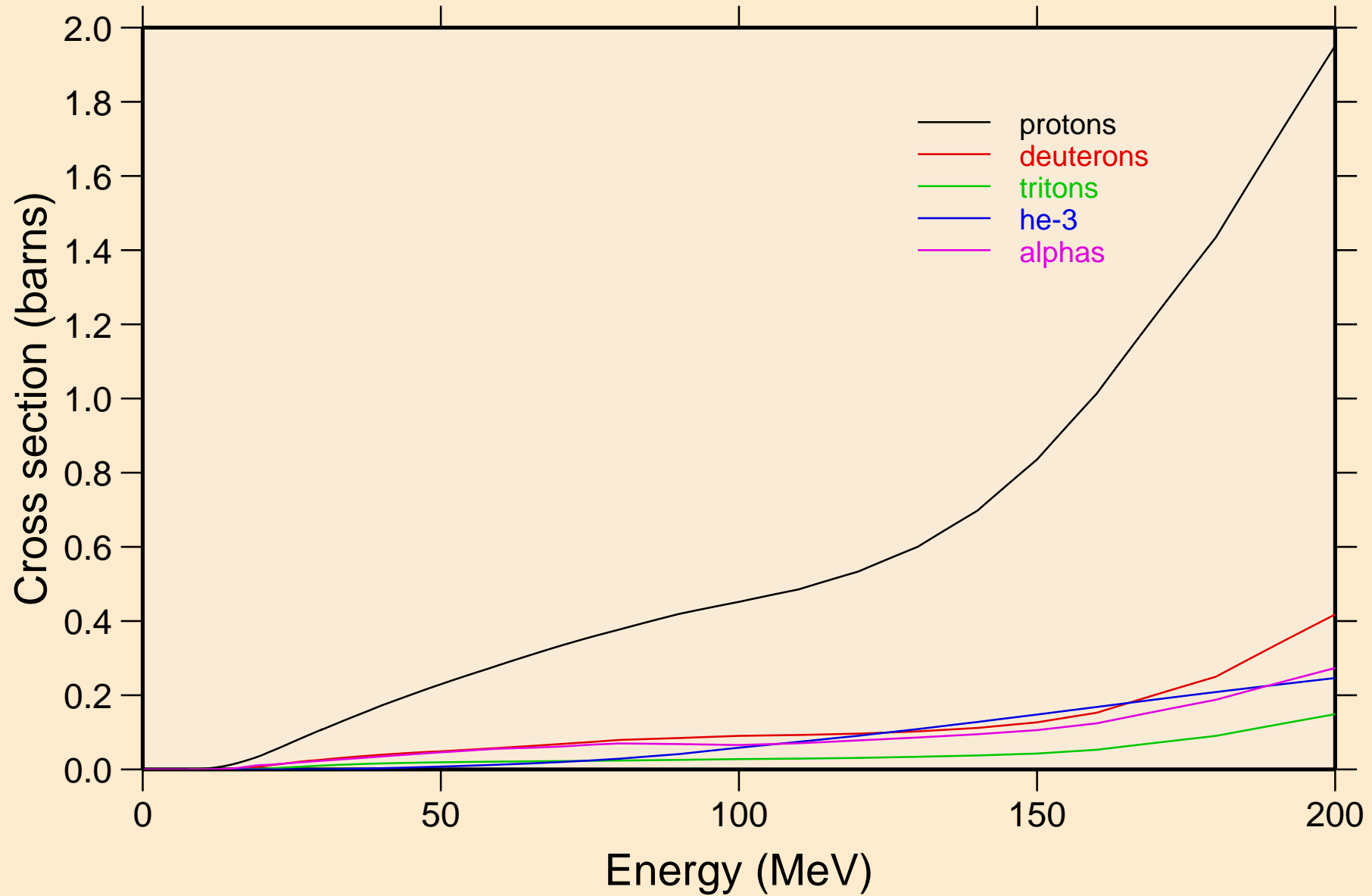
# PD109 NRG TENDL-2015, AKONING

## Recoil Heating

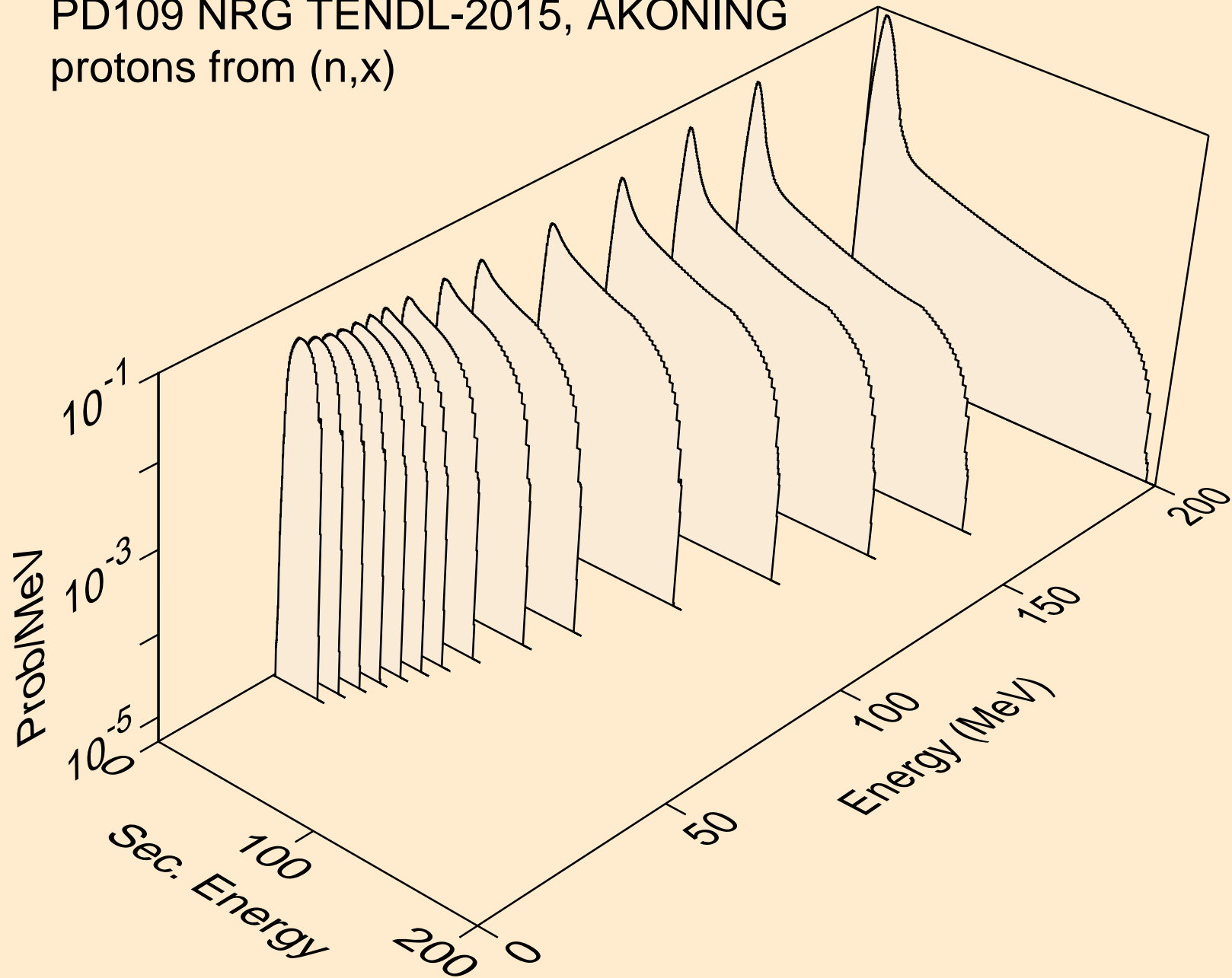


# PD109 NRG TENDL-2015, AKONING

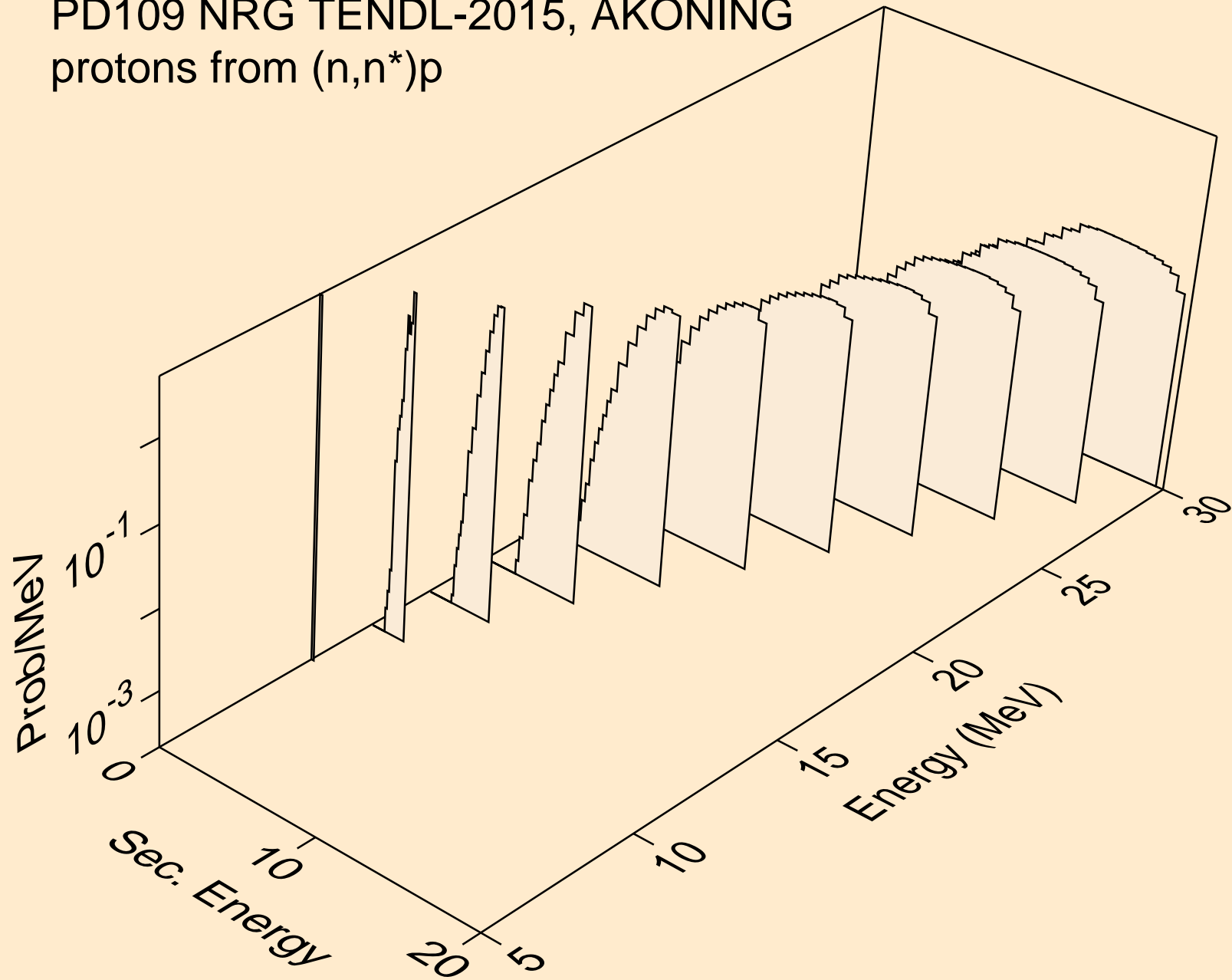
## Particle production cross sections



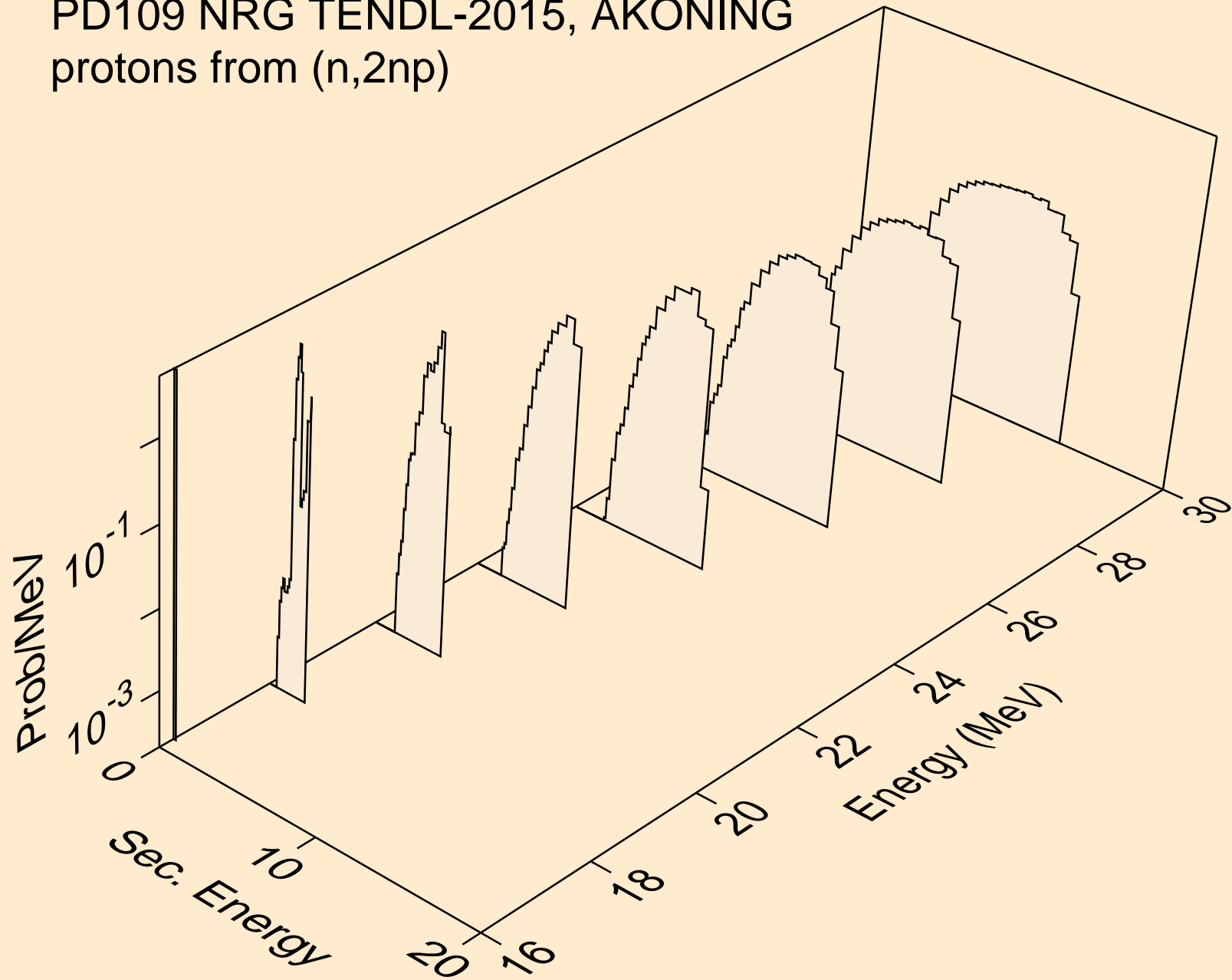
PD109 NRG TENDL-2015, AKONING  
protons from (n,x)



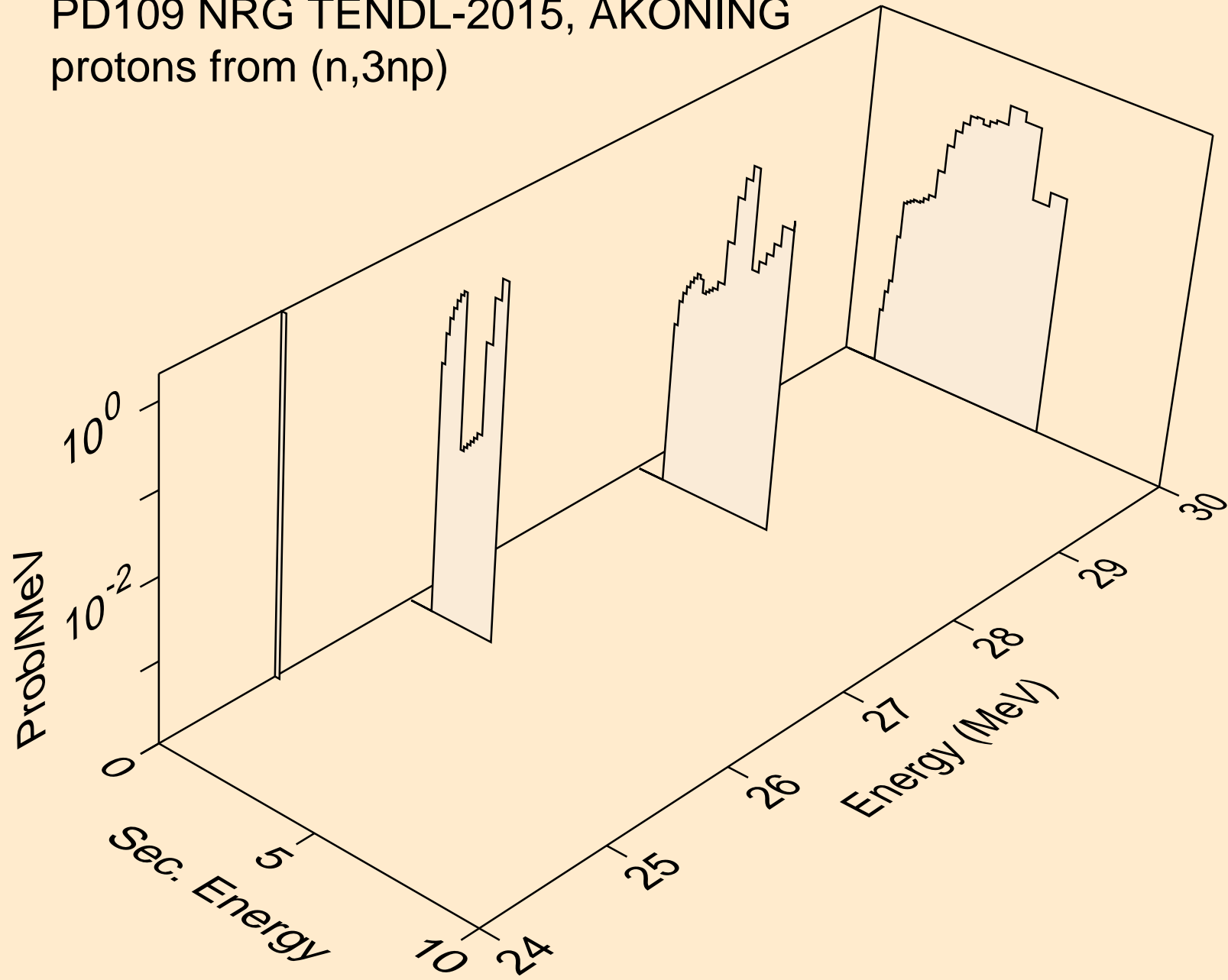
PD109 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



PD109 NRG TENDL-2015, AKONING  
protons from (n,2np)

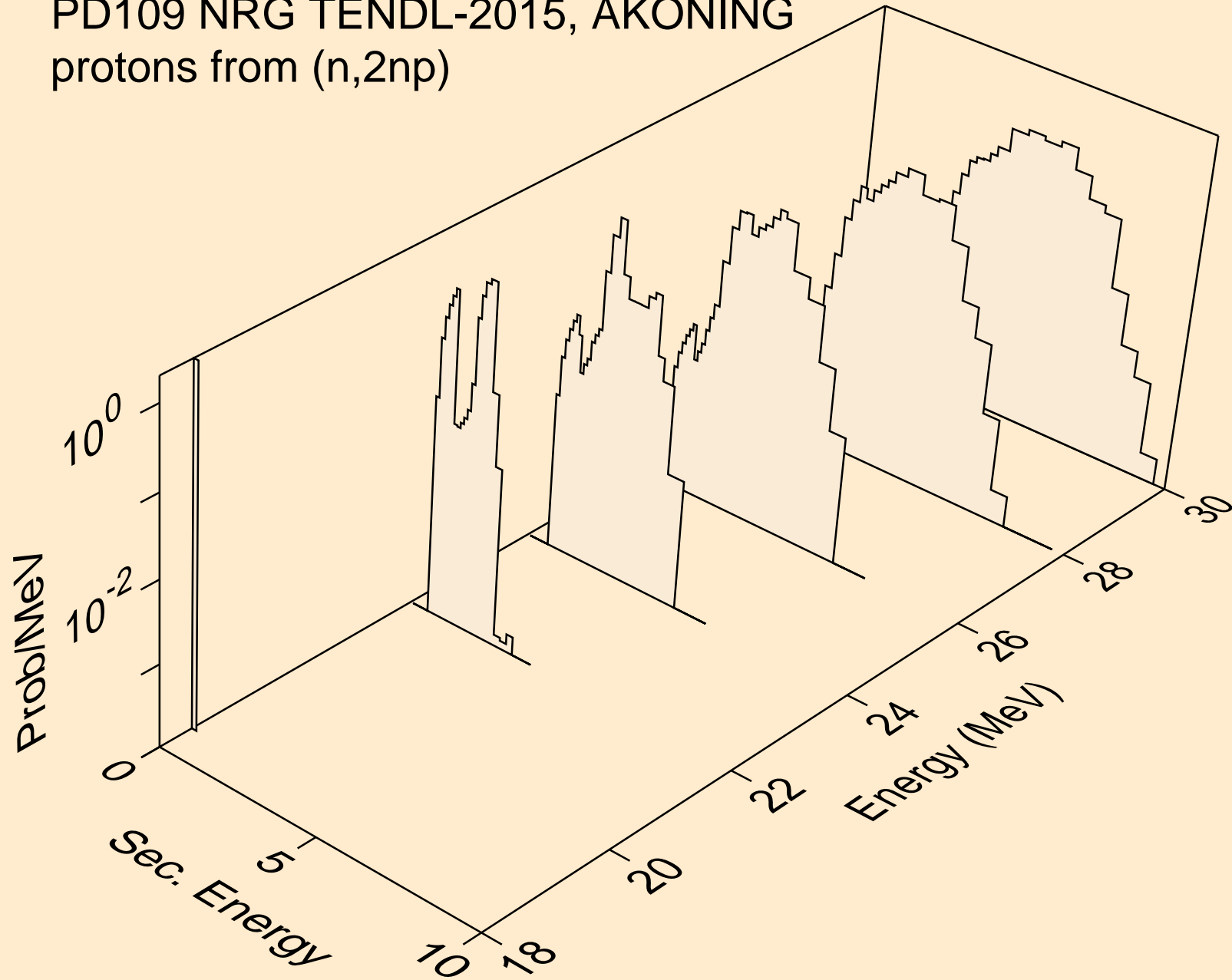


PD109 NRG TENDL-2015, AKONING  
protons from (n,3np)

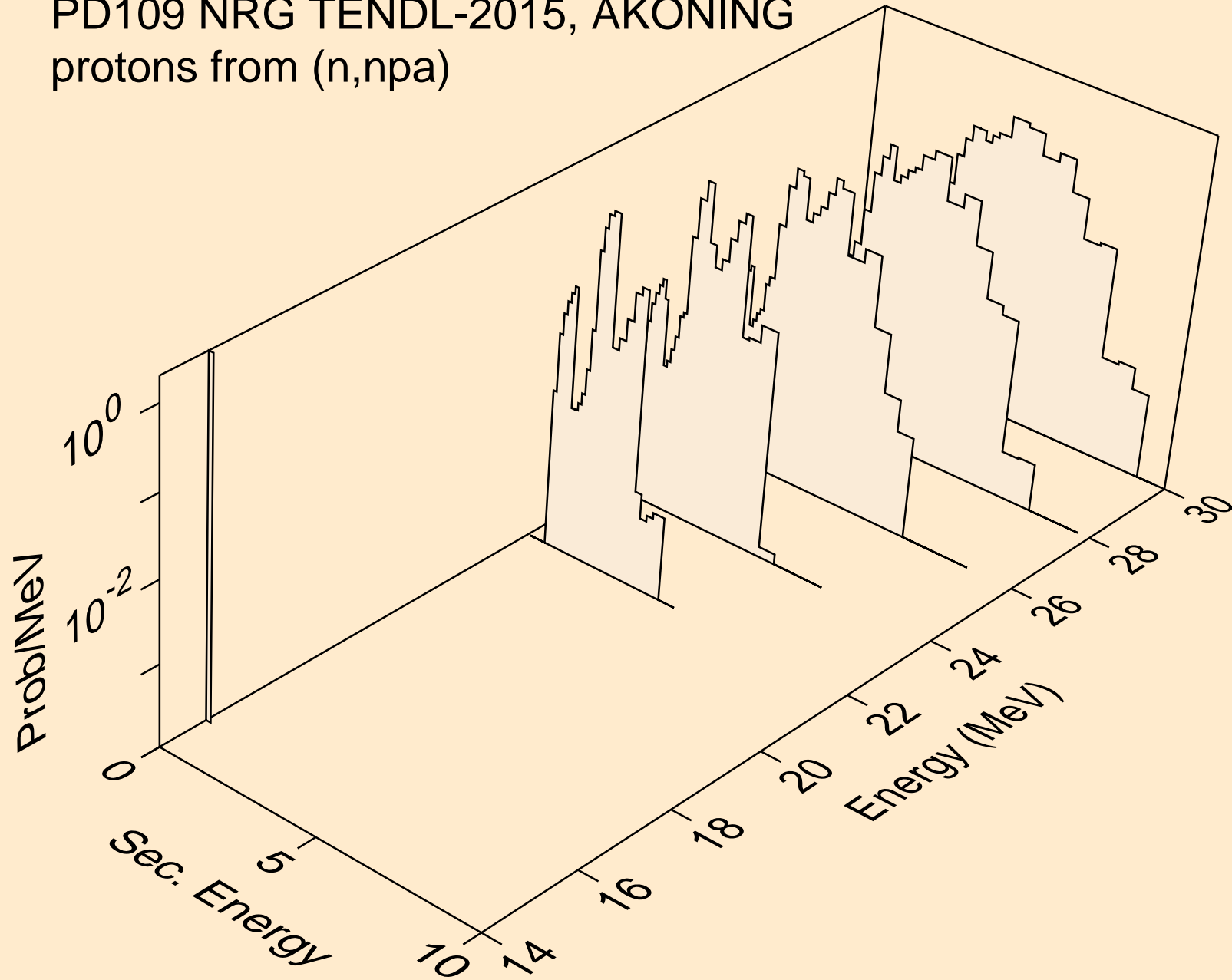




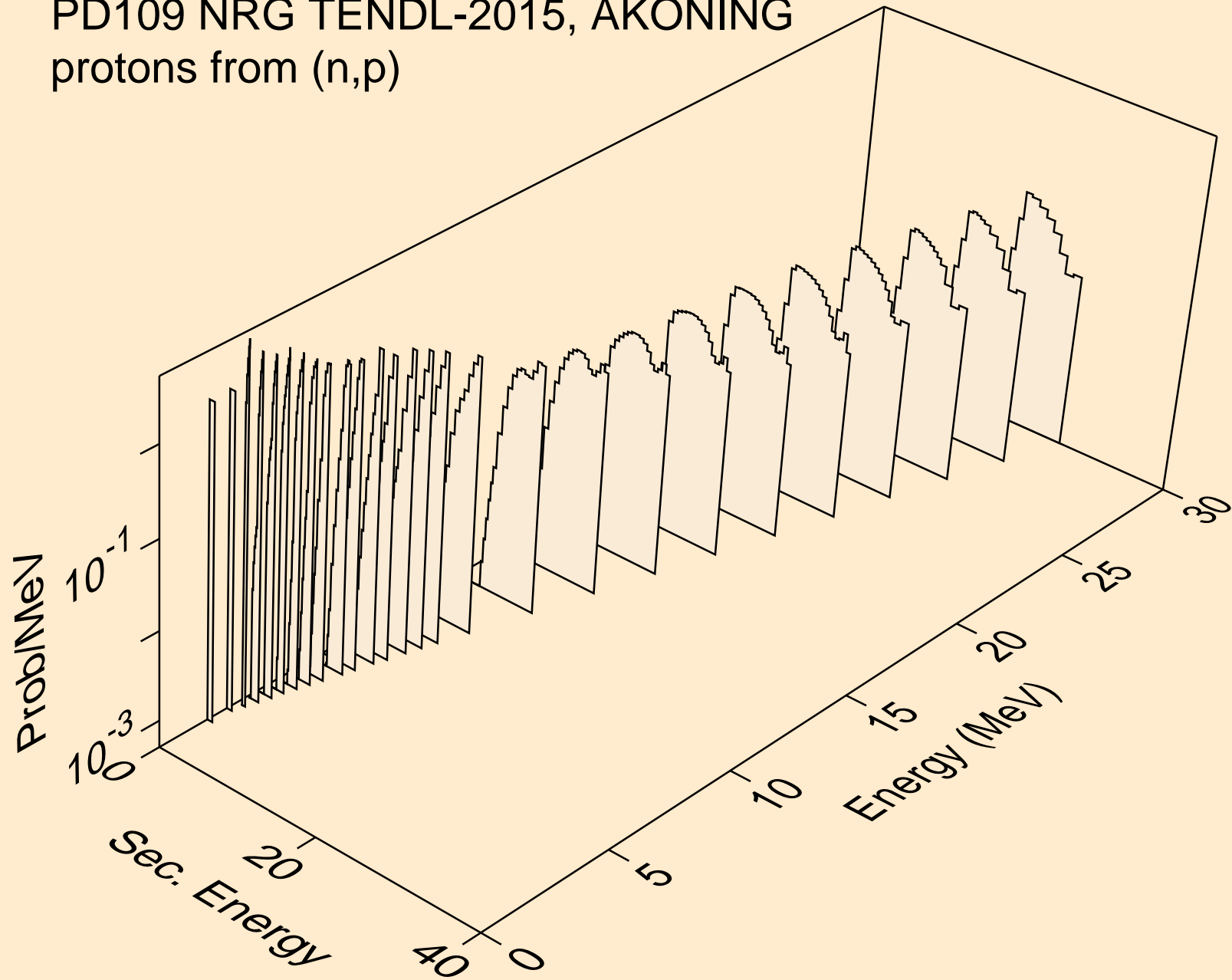
PD109 NRG TENDL-2015, AKONING  
protons from (n,2np)



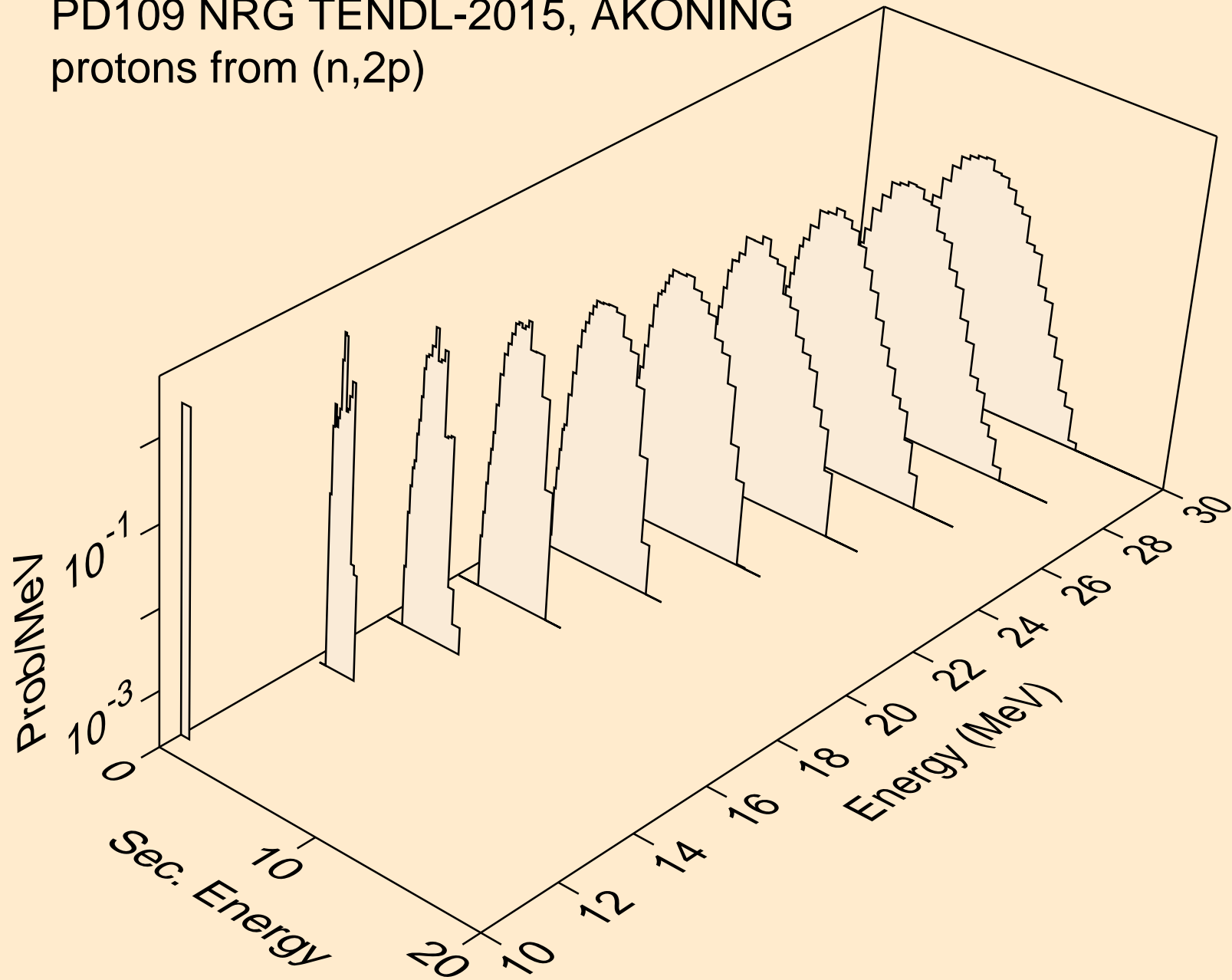
PD109 NRG TENDL-2015, AKONING  
protons from (n,npa)



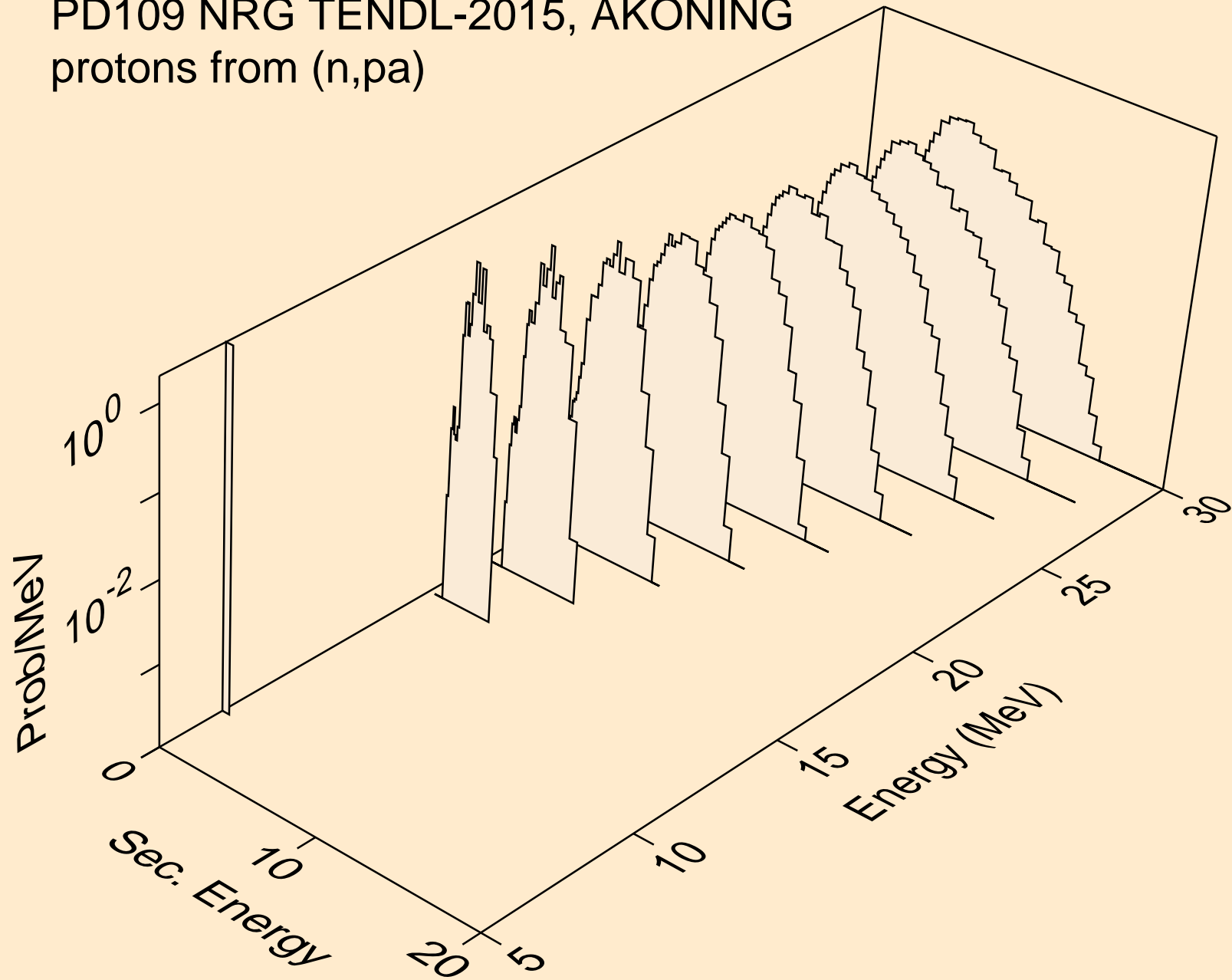
PD109 NRG TENDL-2015, AKONING  
protons from (n,p)



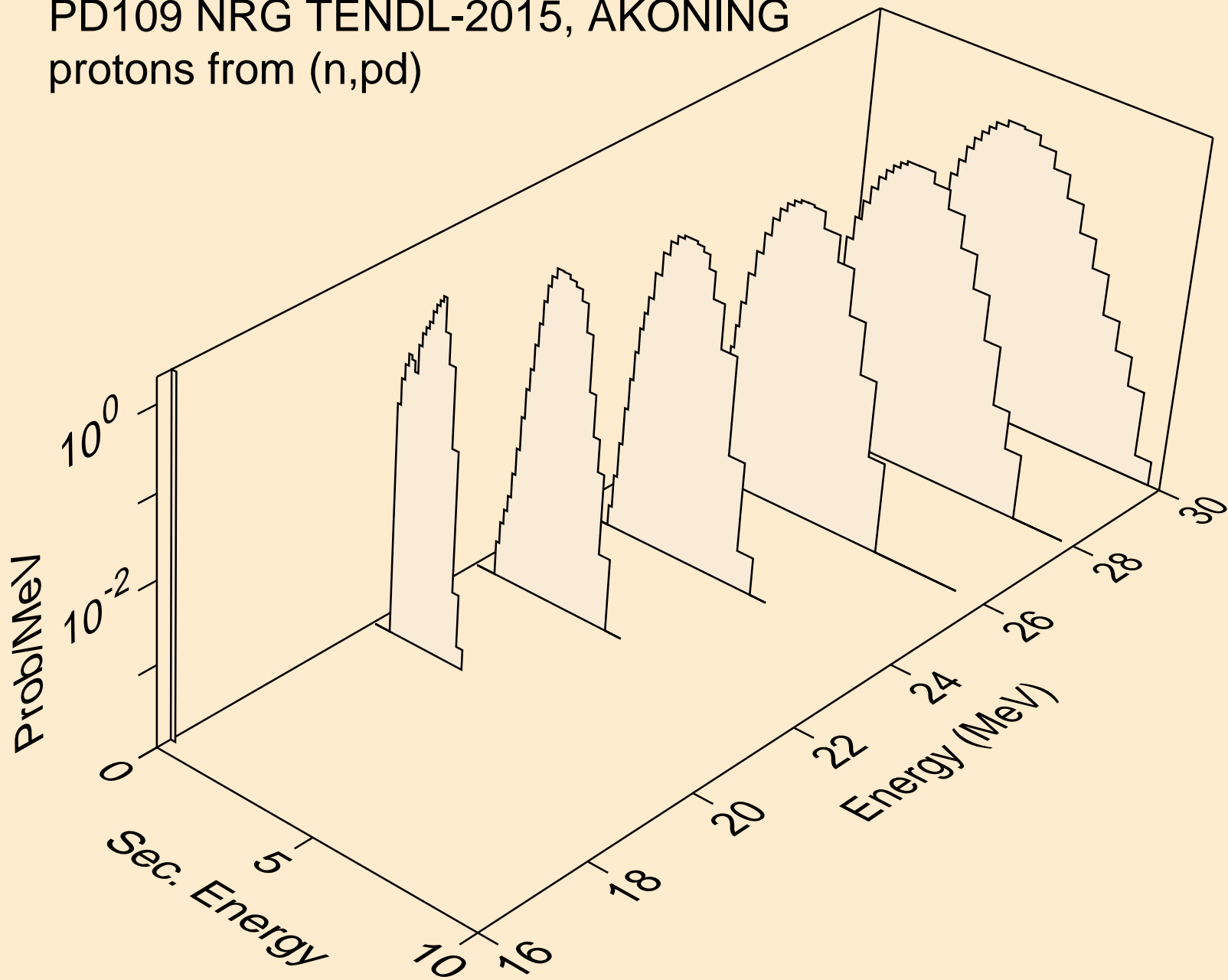
PD109 NRG TENDL-2015, AKONING  
protons from (n,2p)



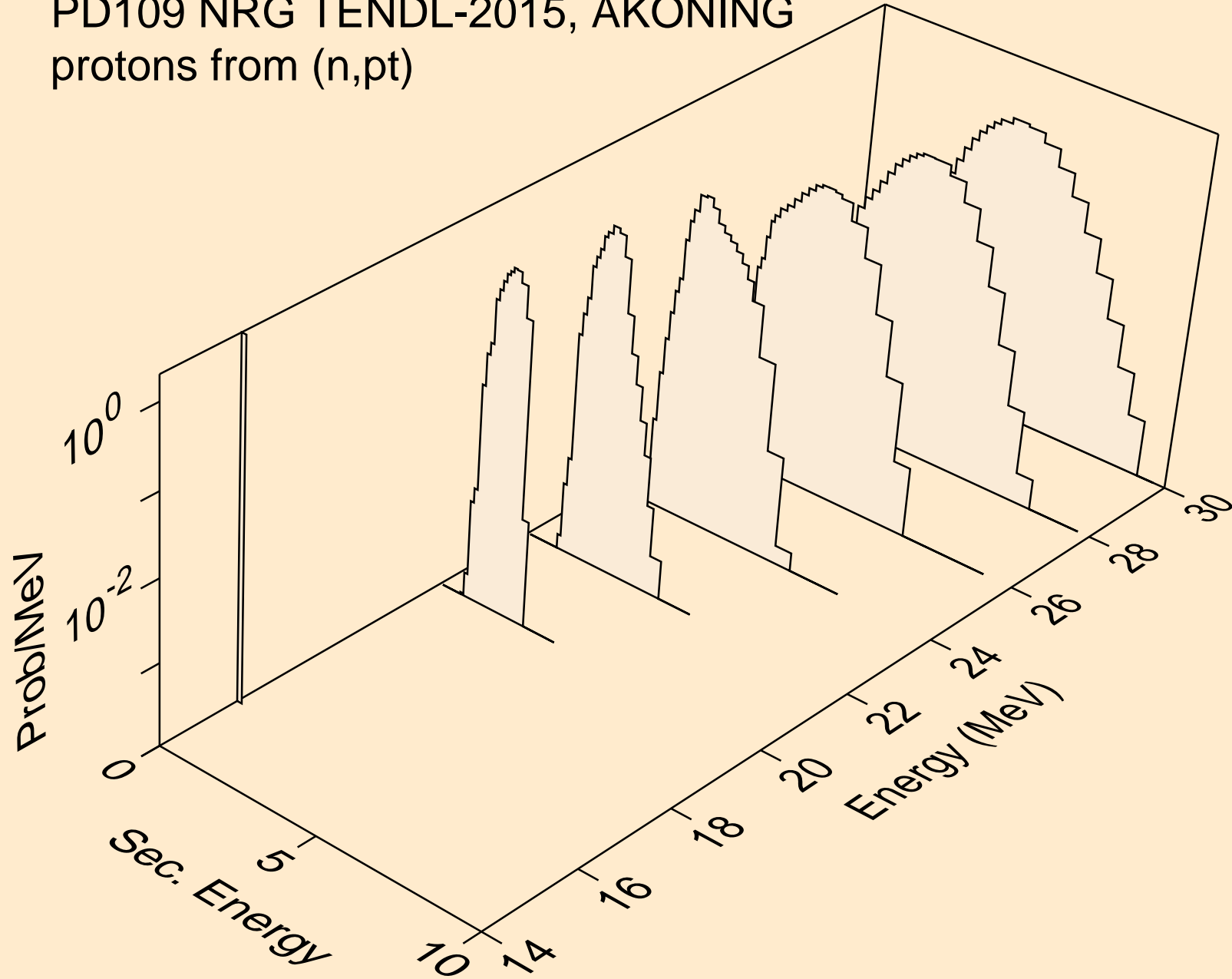
PD109 NRG TENDL-2015, AKONING  
protons from (n,pa)



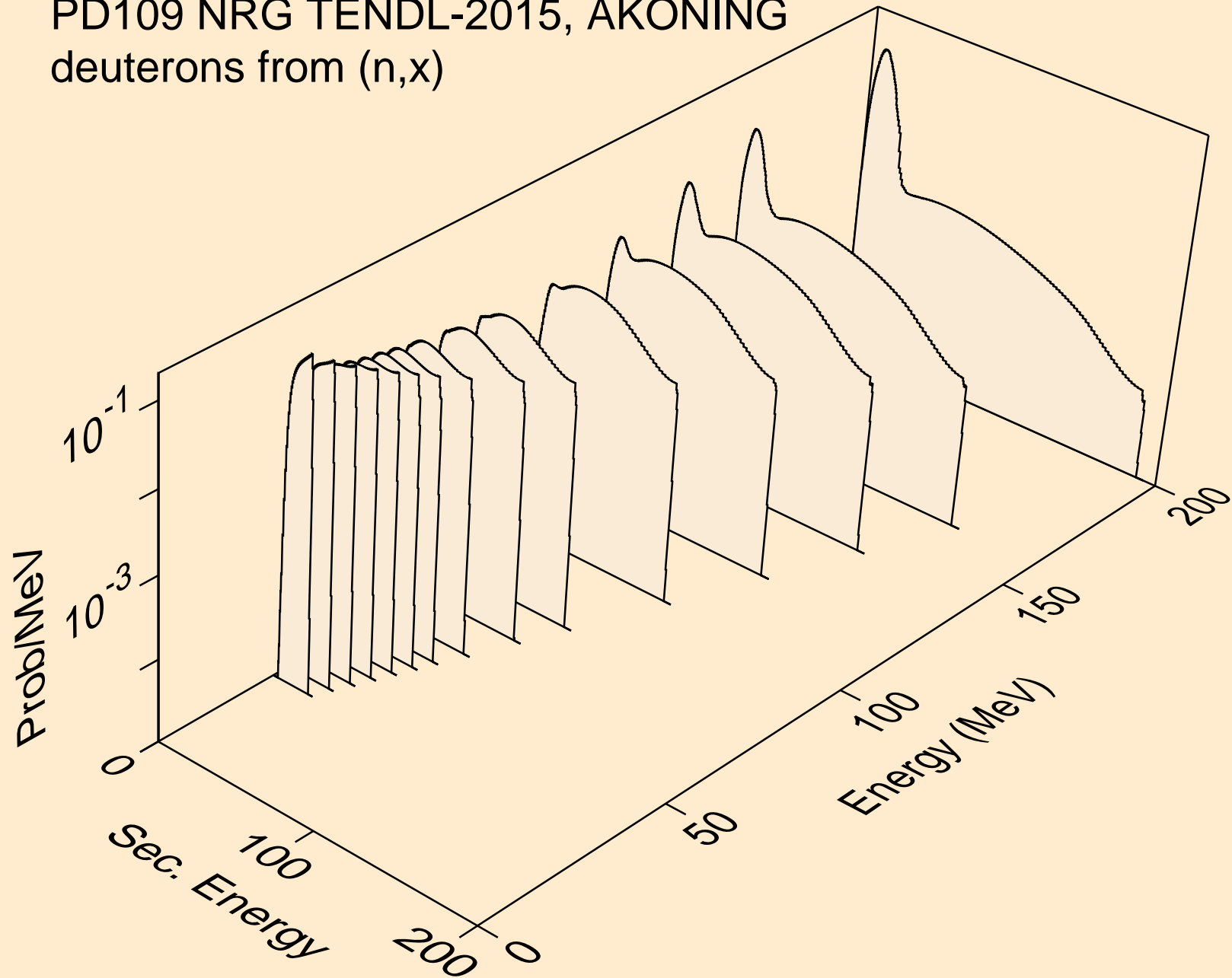
PD109 NRG TENDL-2015, AKONING  
protons from (n,pd)



PD109 NRG TENDL-2015, AKONING  
protons from (n,pt)

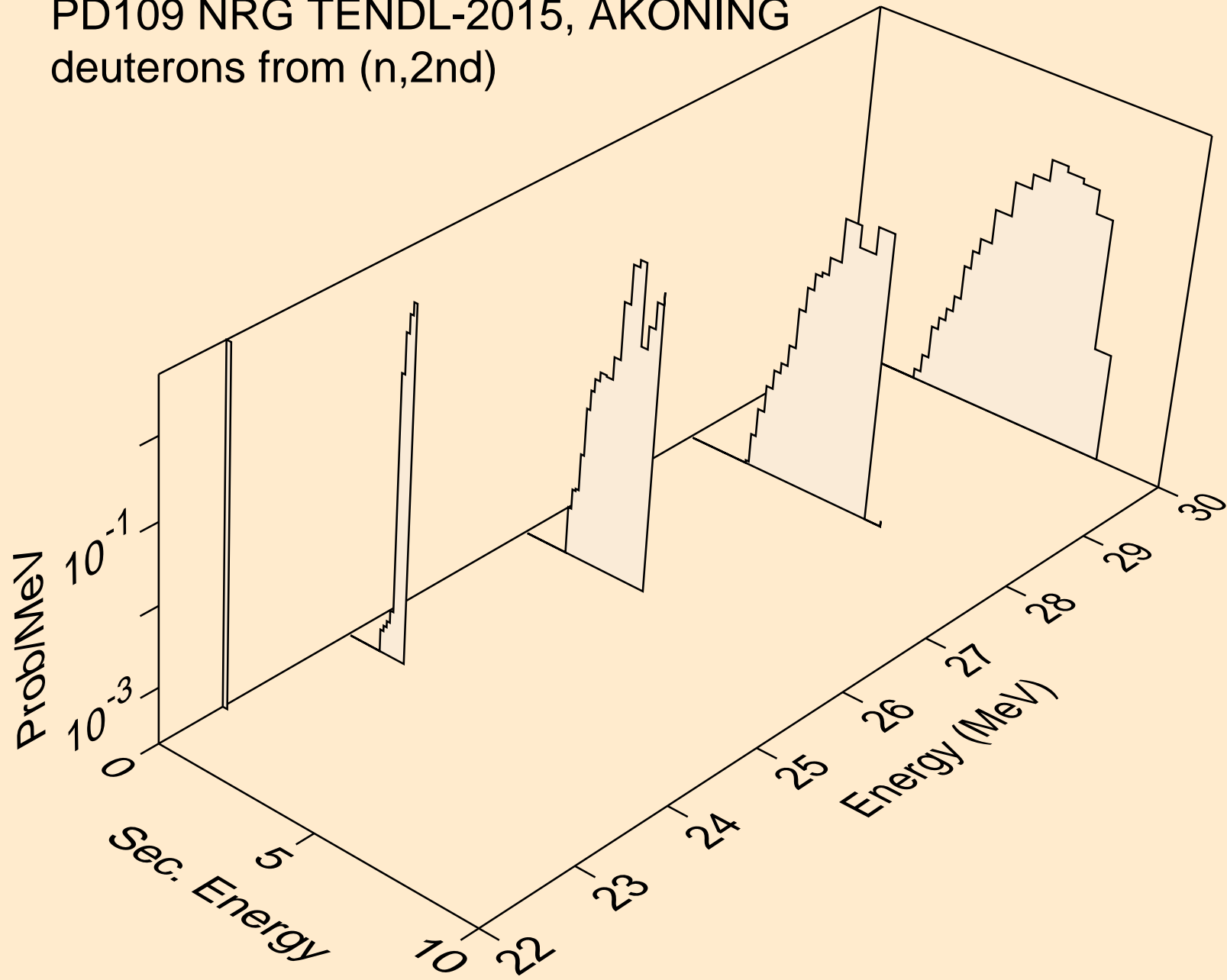


PD109 NRG TENDL-2015, AKONING  
deuterons from (n,x)

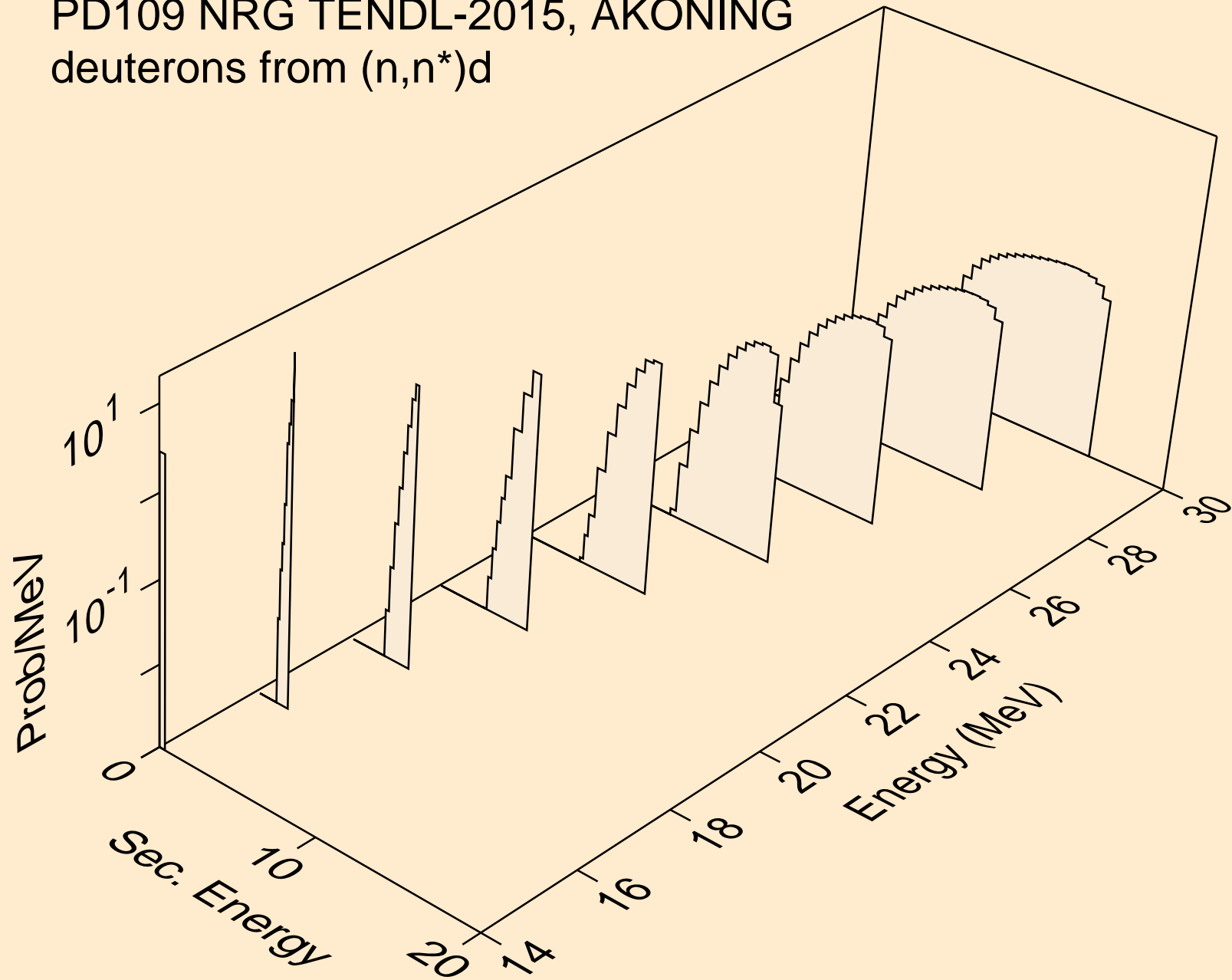




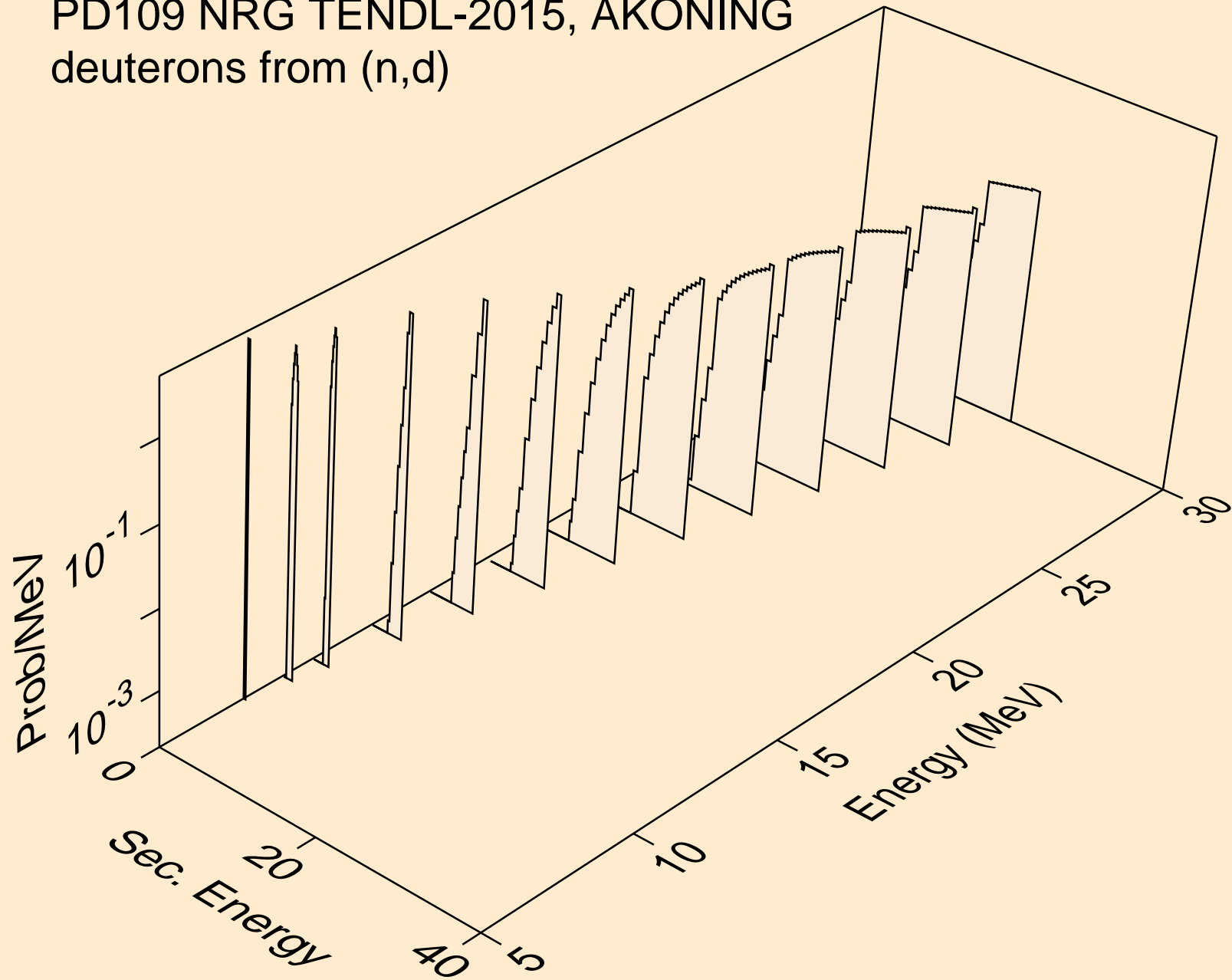
PD109 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



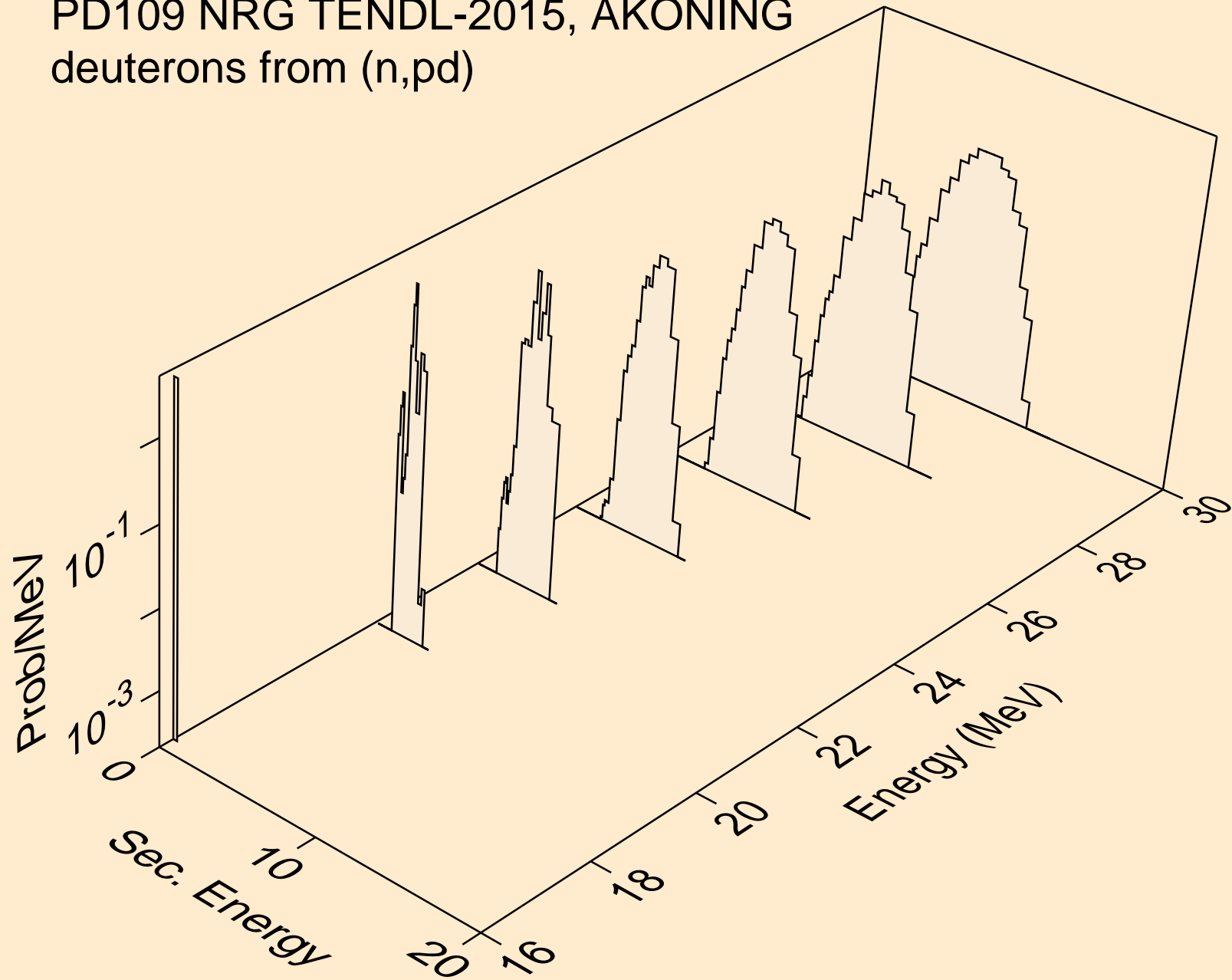
PD109 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



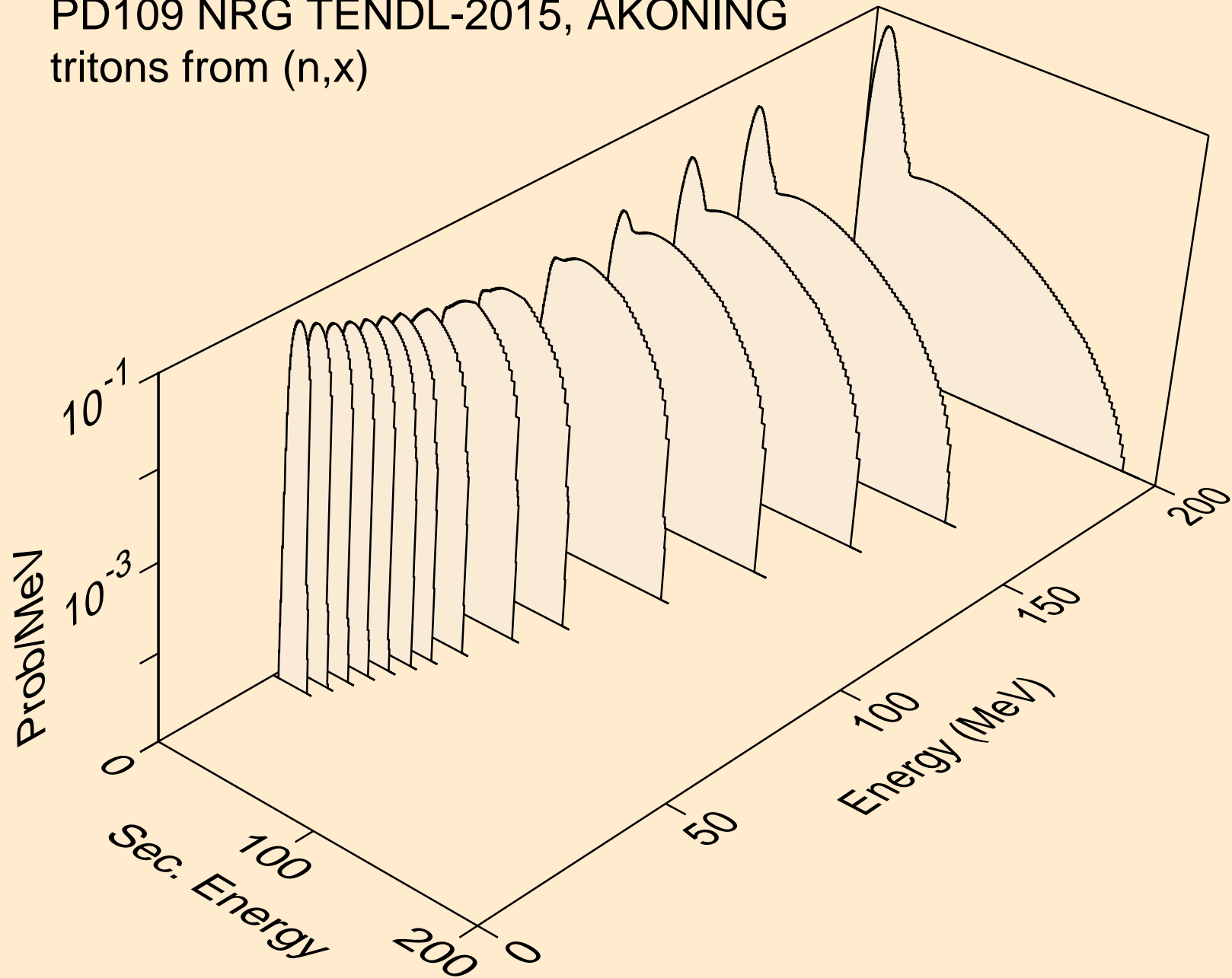
PD109 NRG TENDL-2015, AKONING  
deuterons from (n,d)



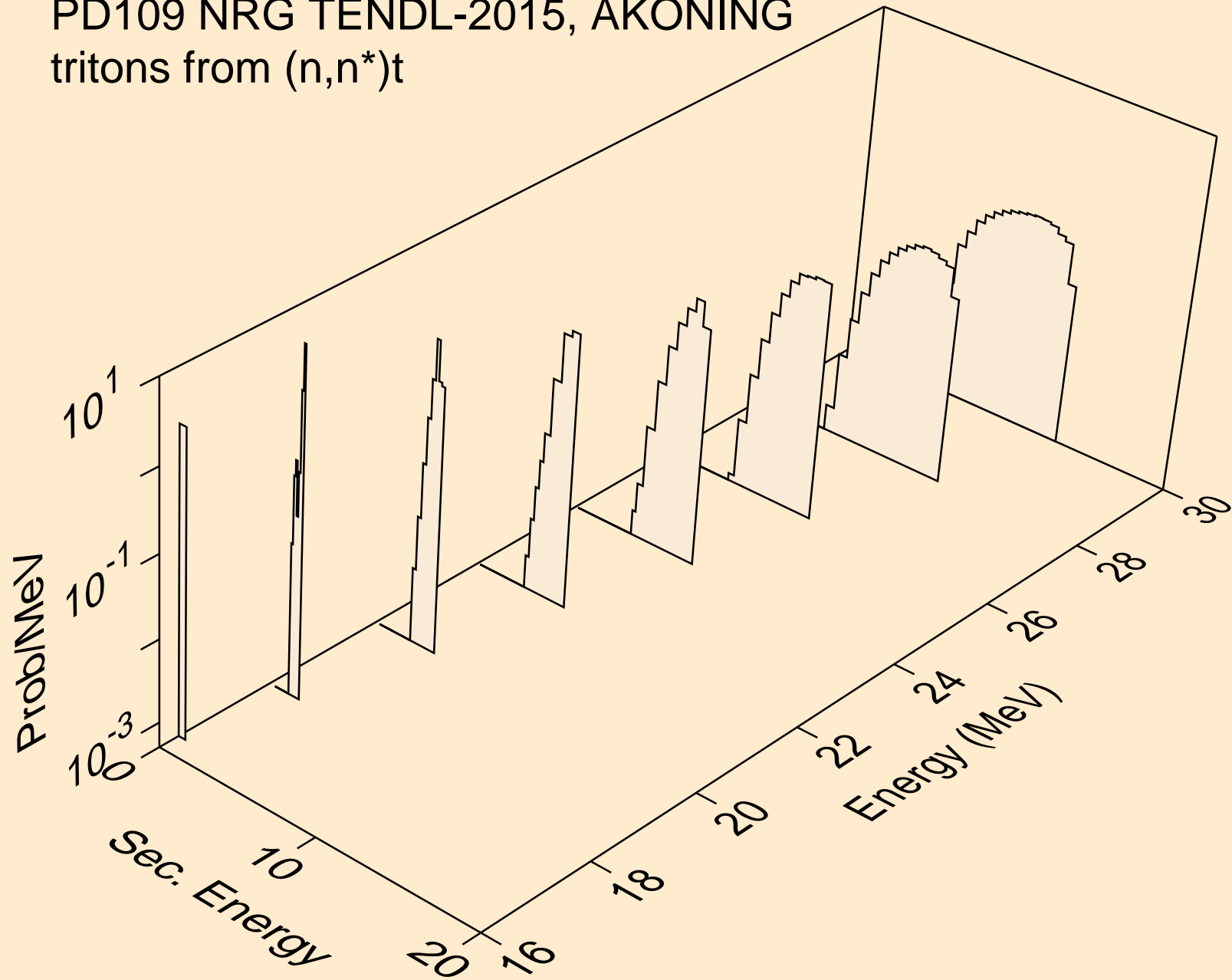
PD109 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



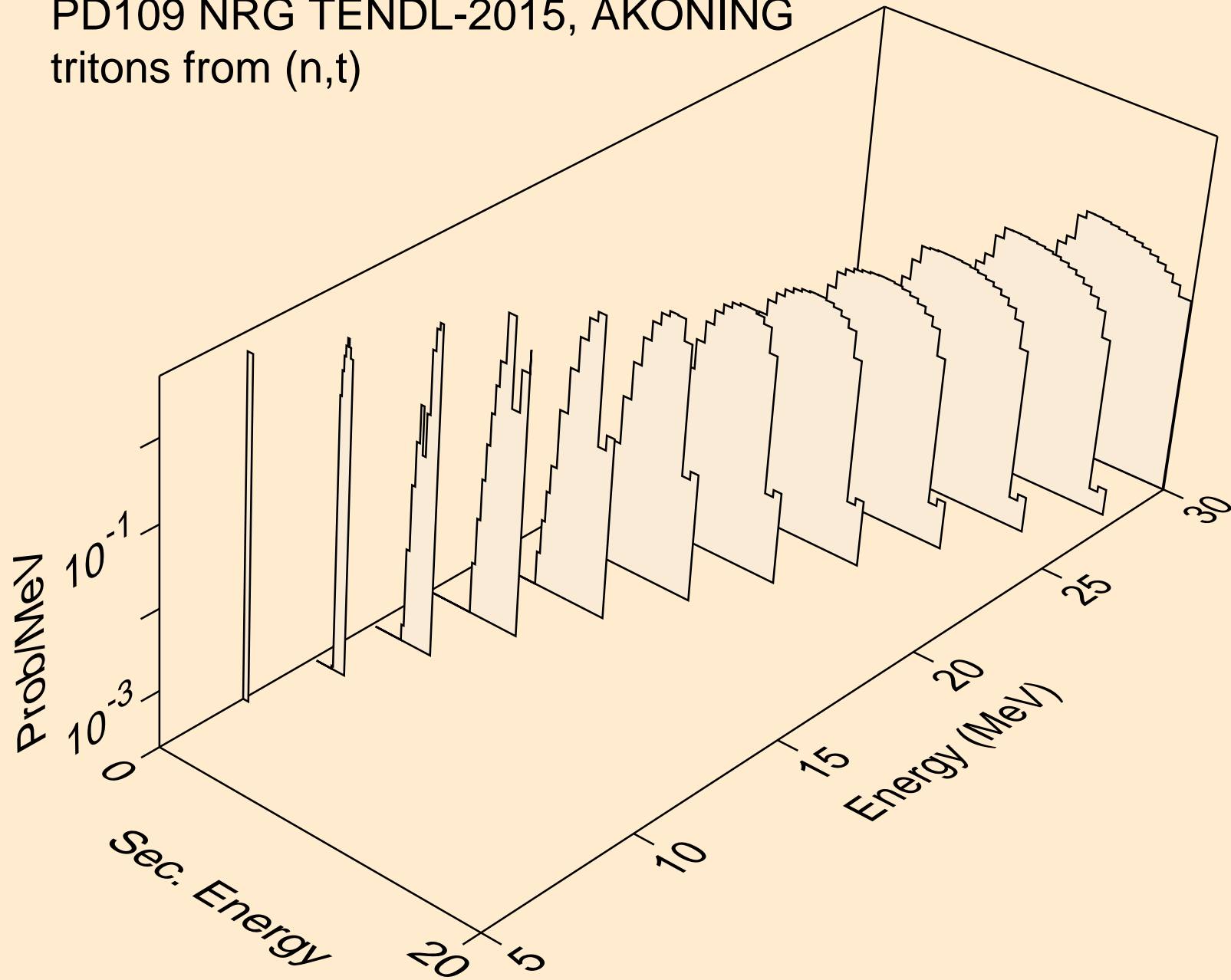
PD109 NRG TENDL-2015, AKONING  
tritons from (n,x)



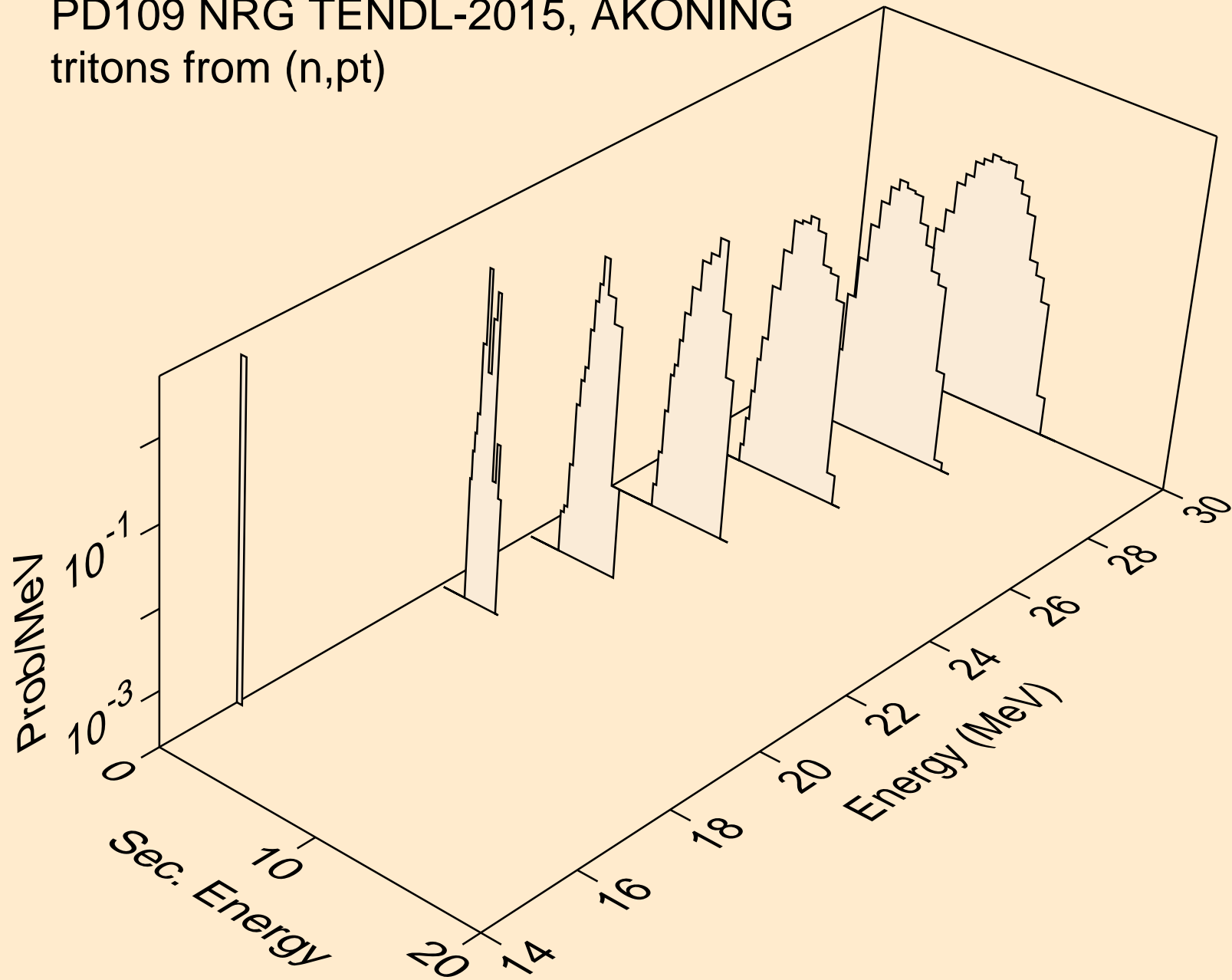
PD109 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



PD109 NRG TENDL-2015, AKONING  
tritons from (n,t)

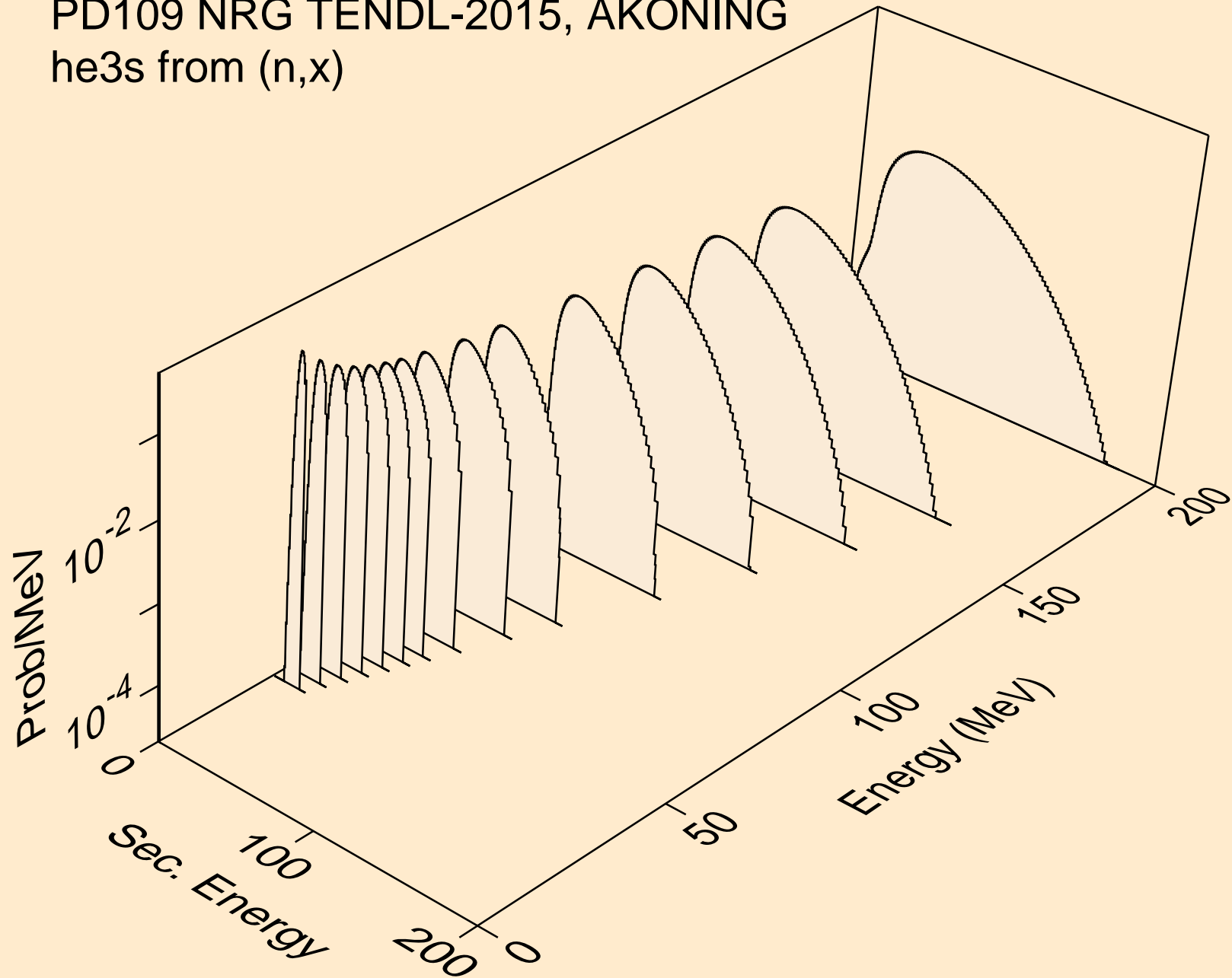


PD109 NRG TENDL-2015, AKONING  
tritons from (n,pt)

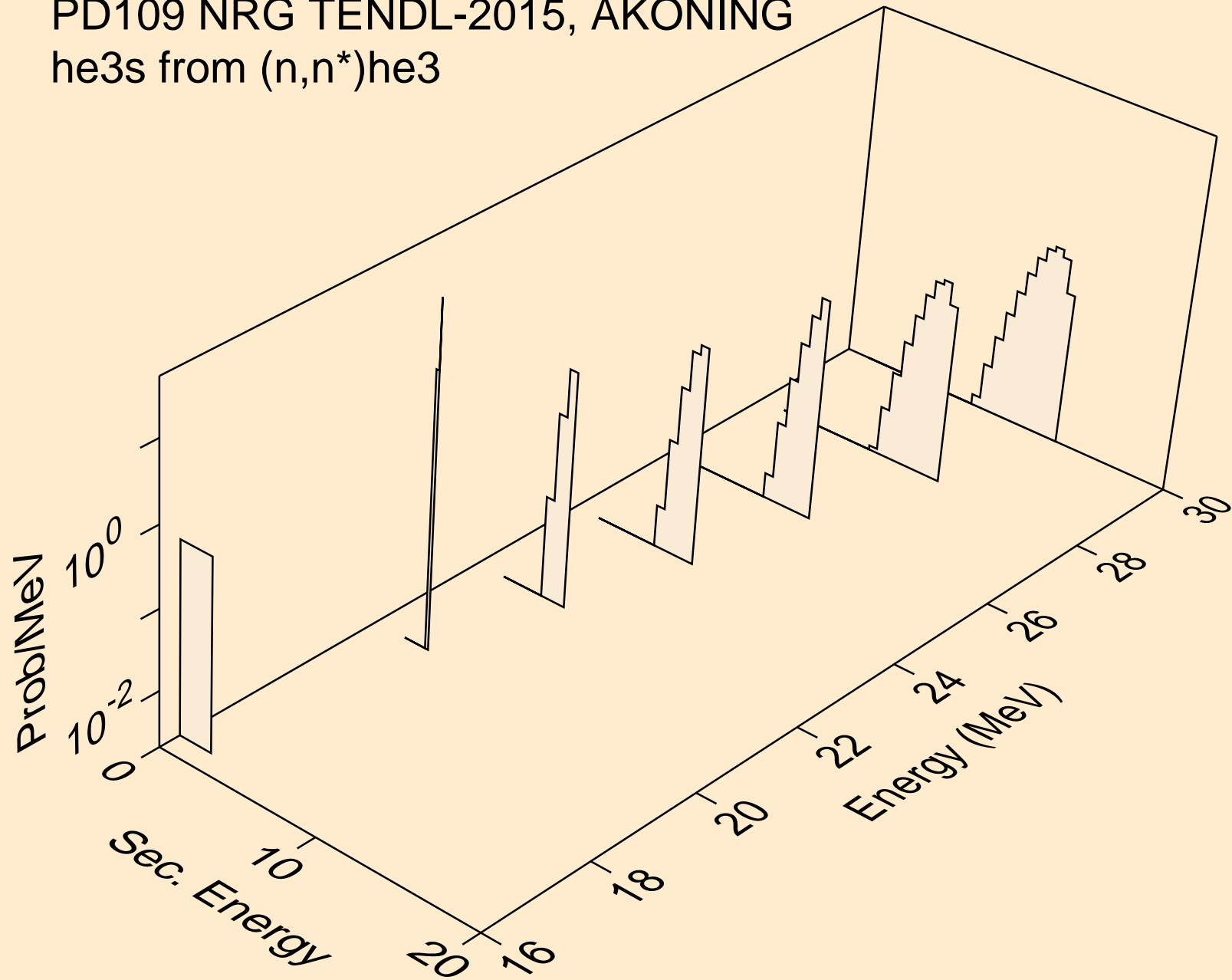




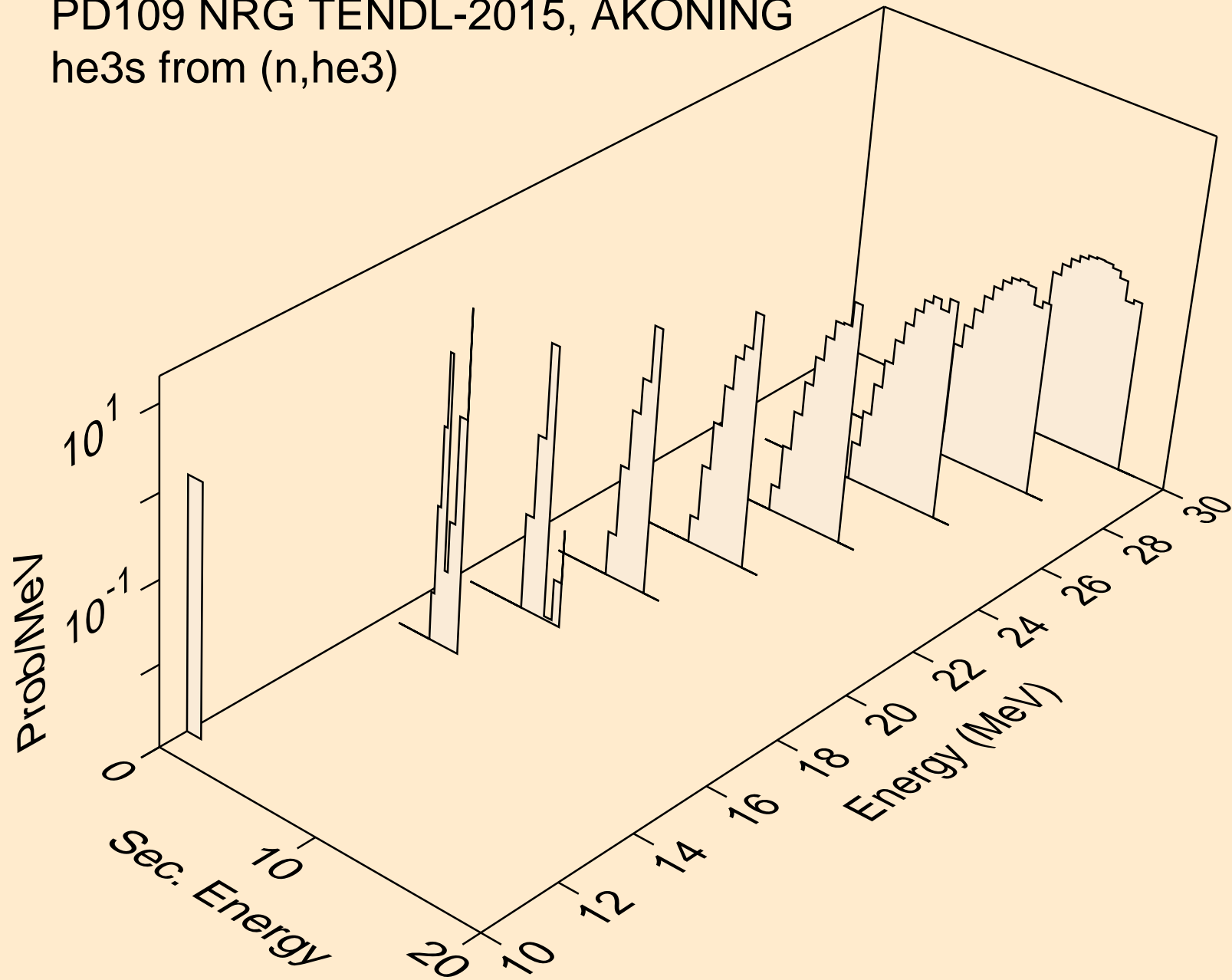
PD109 NRG TENDL-2015, AKONING  
he3s from (n,x)



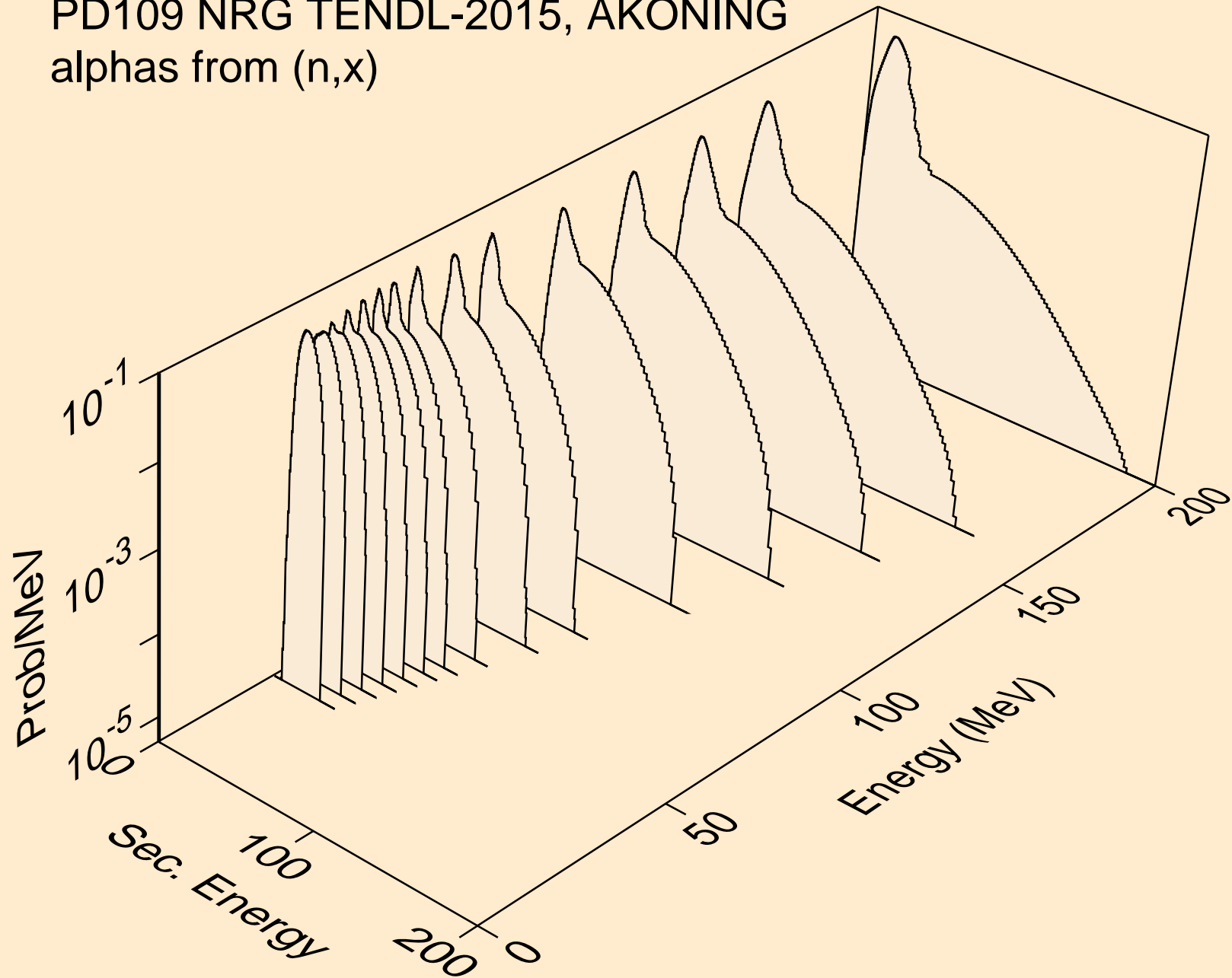
PD109 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



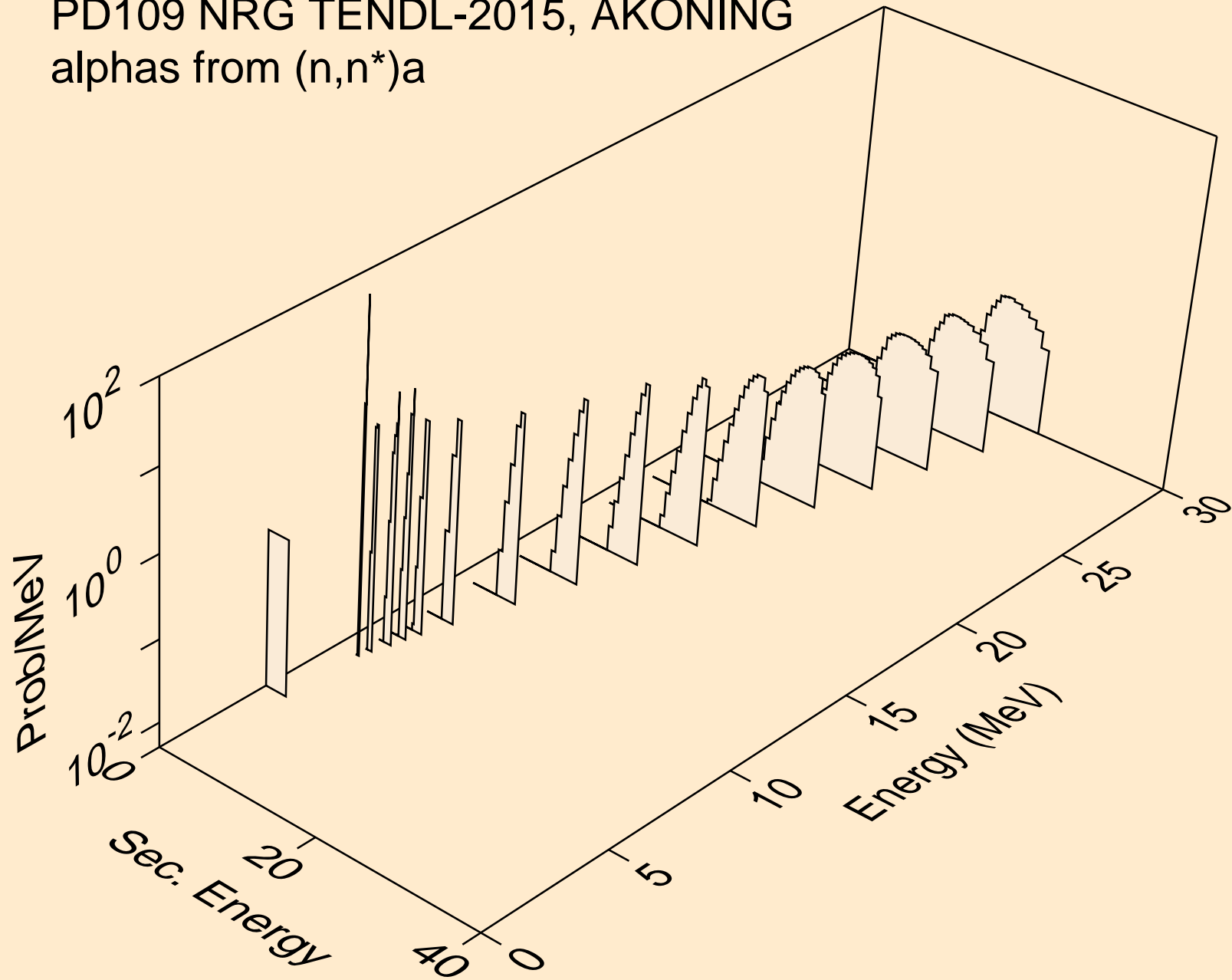
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he3s from (n,he3)



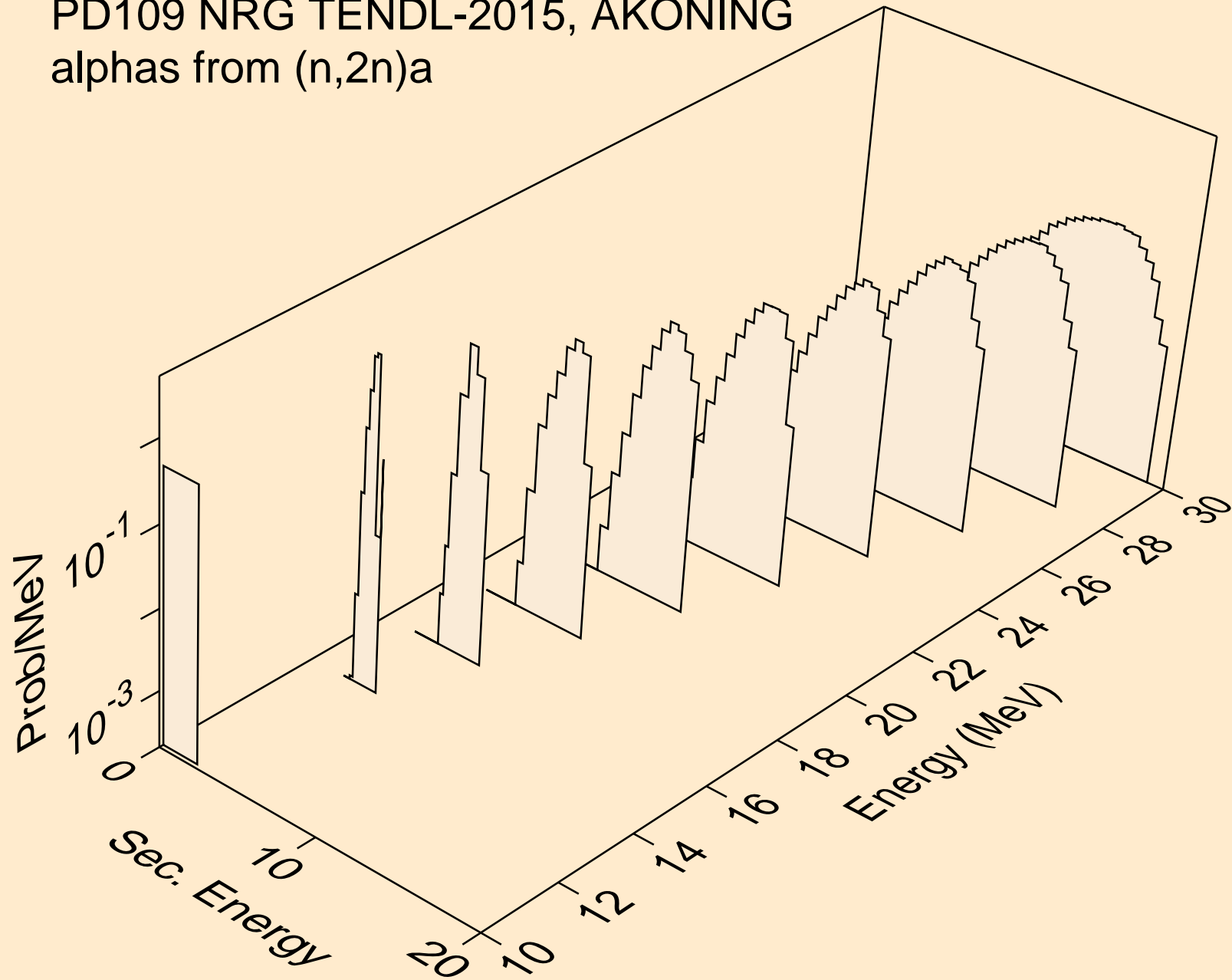
PD109 NRG TENDL-2015, AKONING  
alphas from (n,x)



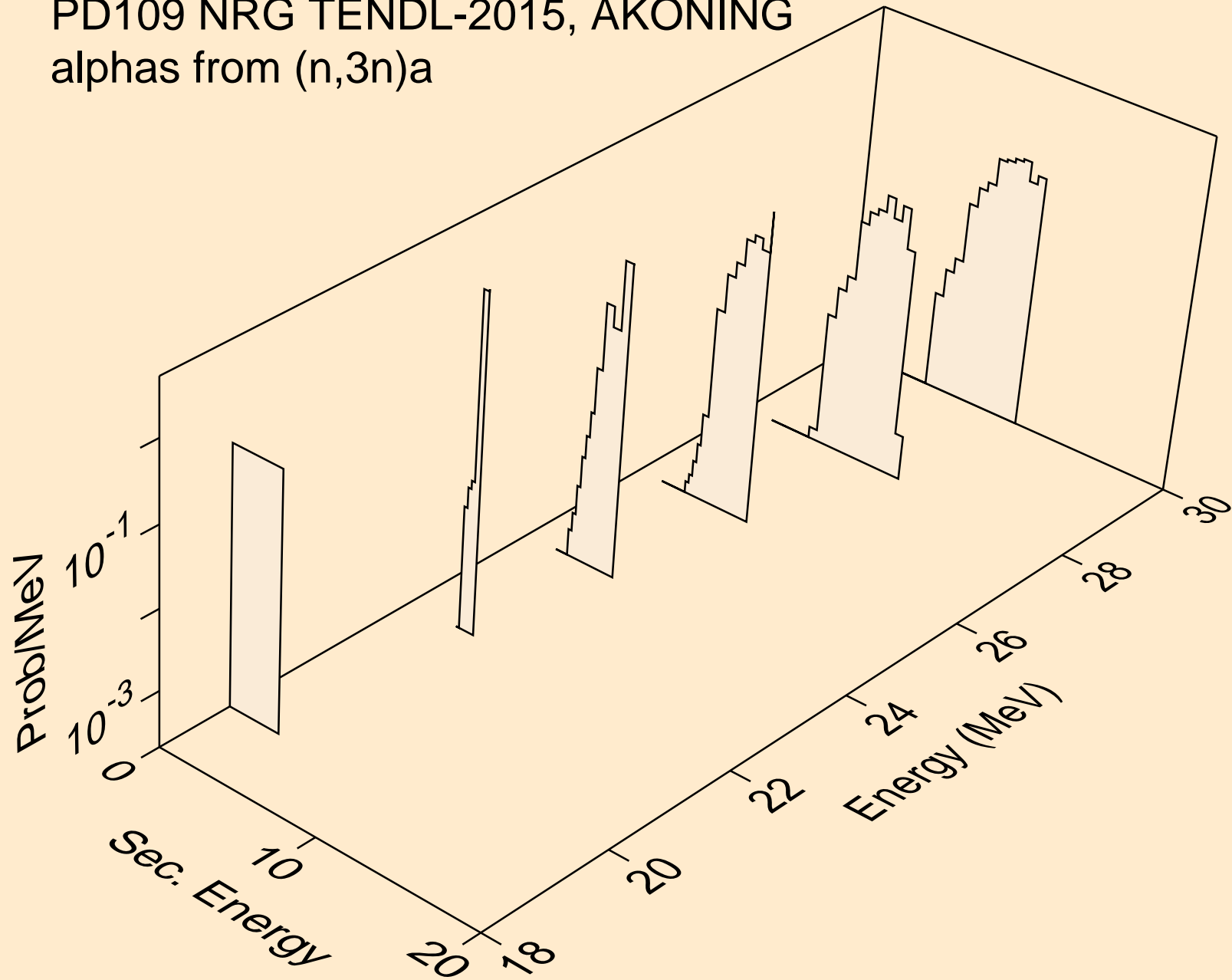
PD109 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



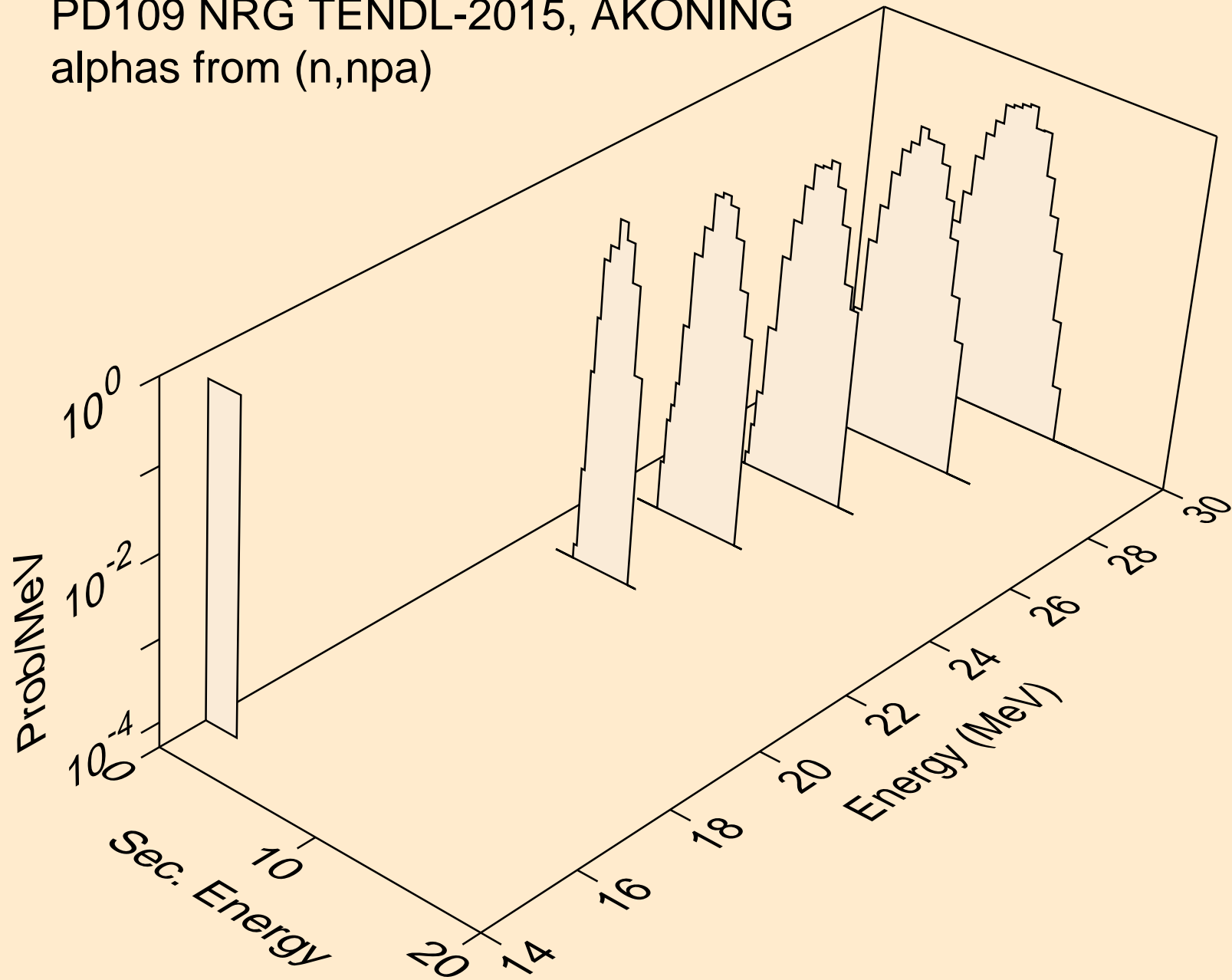
PD109 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PD109 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

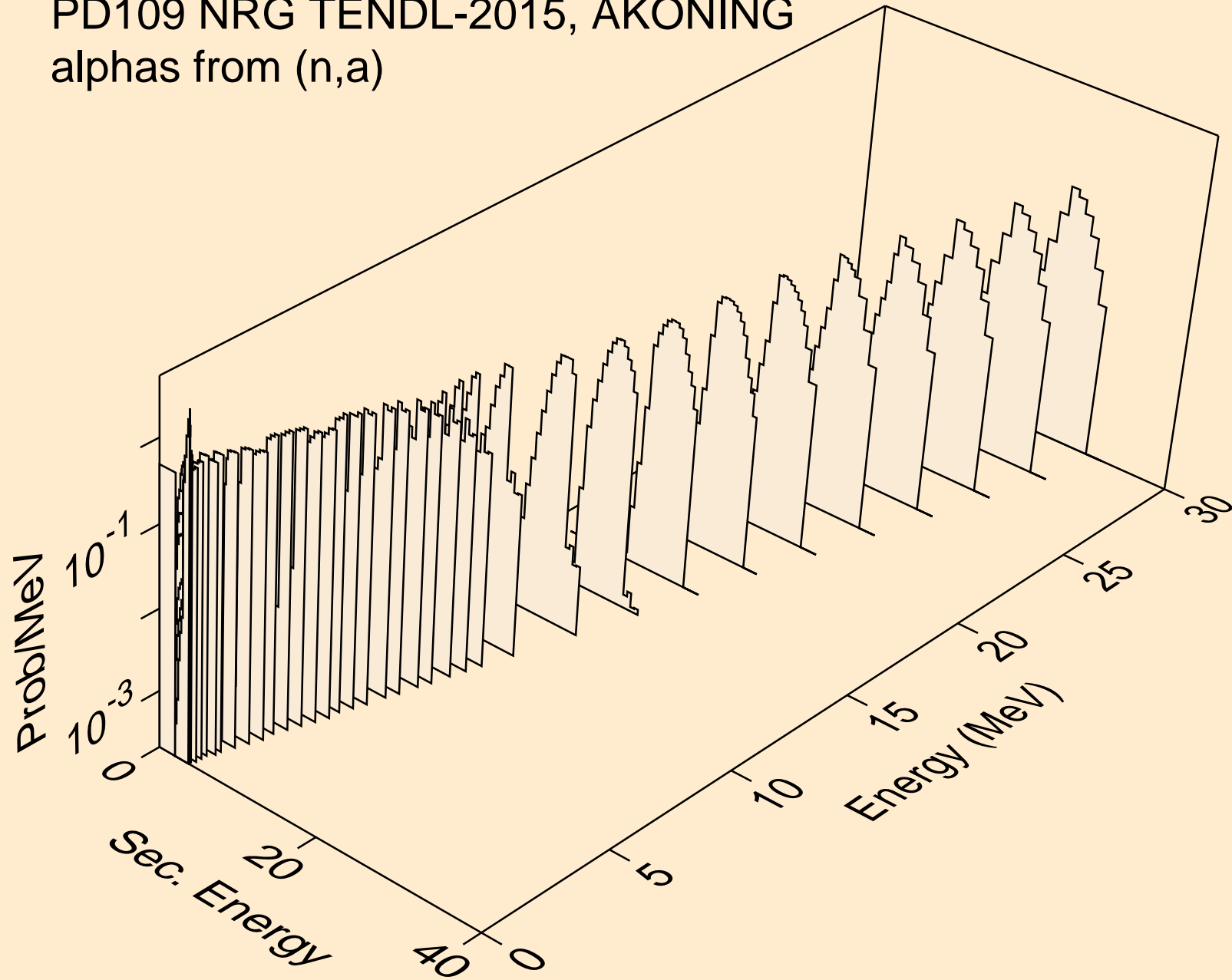


PD109 NRG TENDL-2015, AKONING  
alphas from (n,npa)

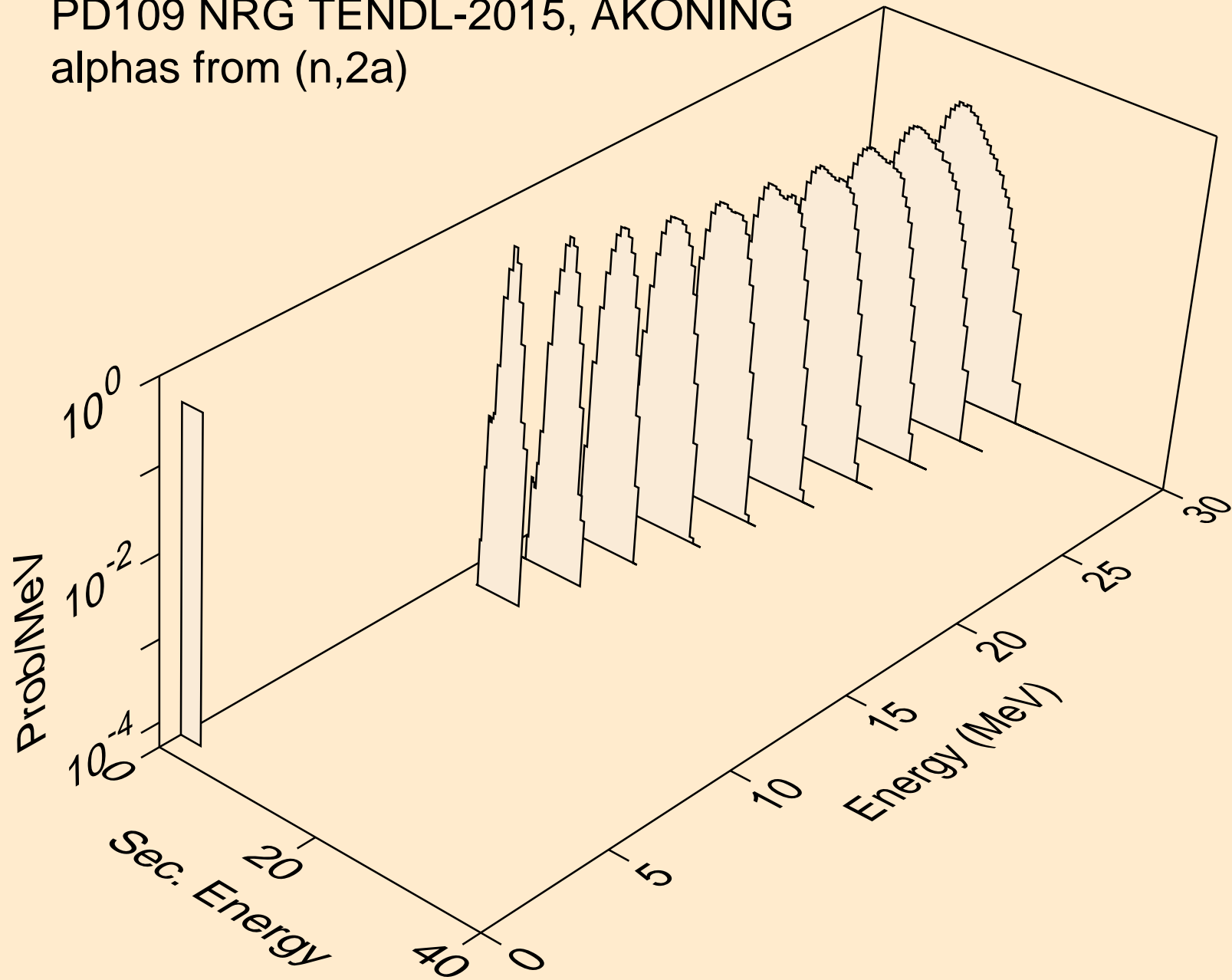




PD109 NRG TENDL-2015, AKONING  
alphas from (n,a)



PD109 NRG TENDL-2015, AKONING  
alphas from (n,2a)



PD109 NRG TENDL-2015, AKONING  
alphas from (n,pa)

