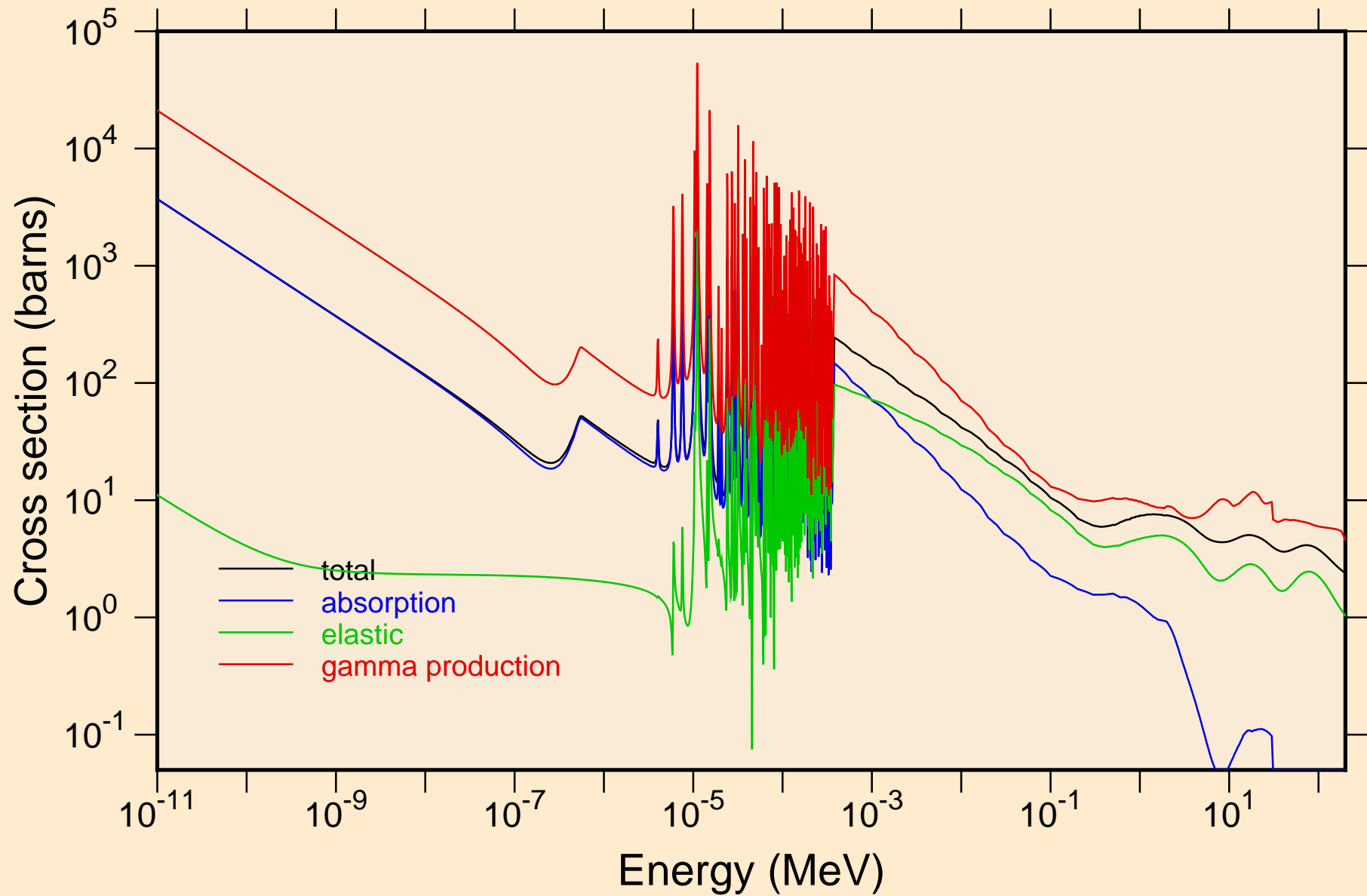
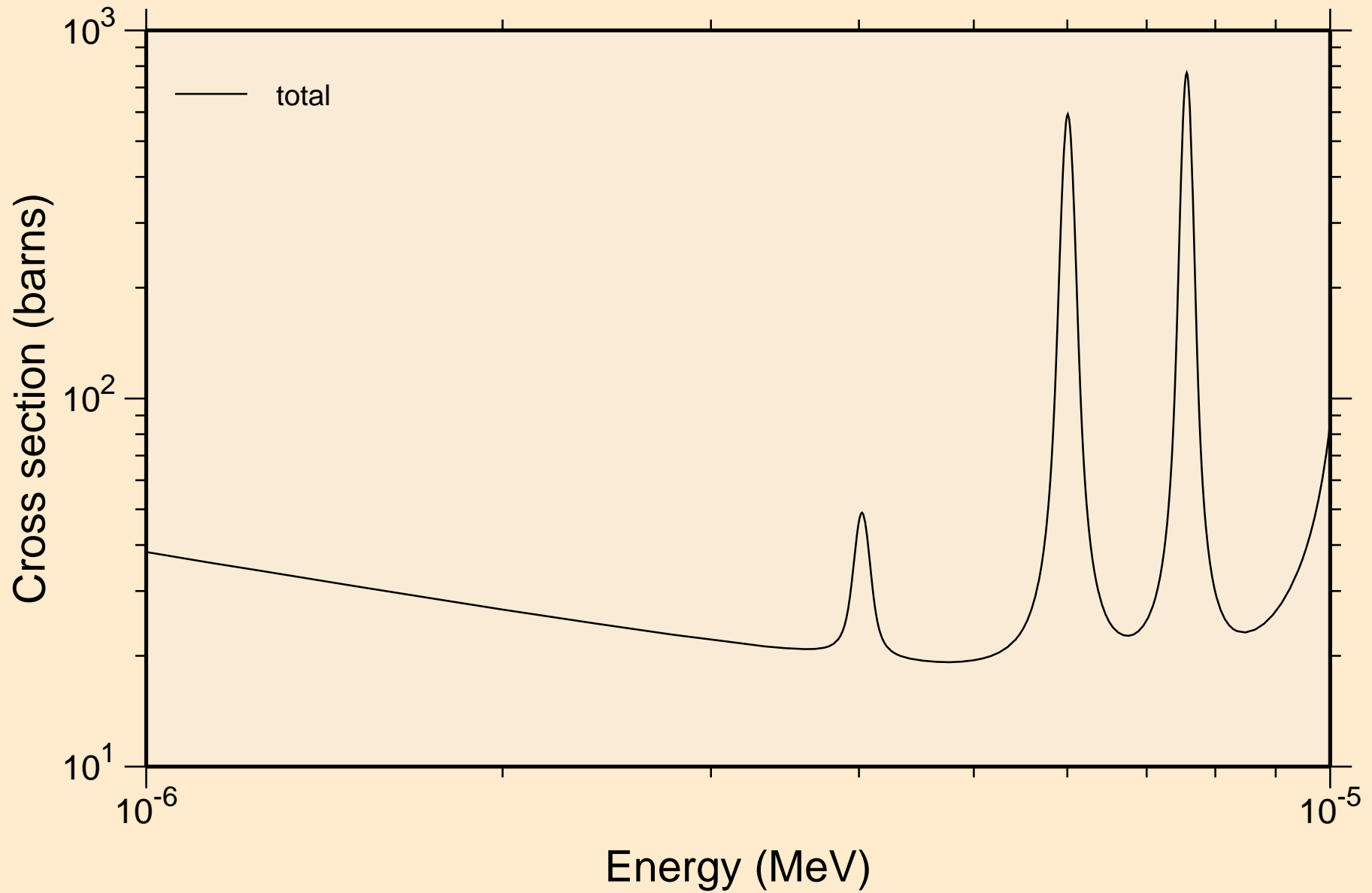


# DY151 NRG TENDL-2015, AKONING

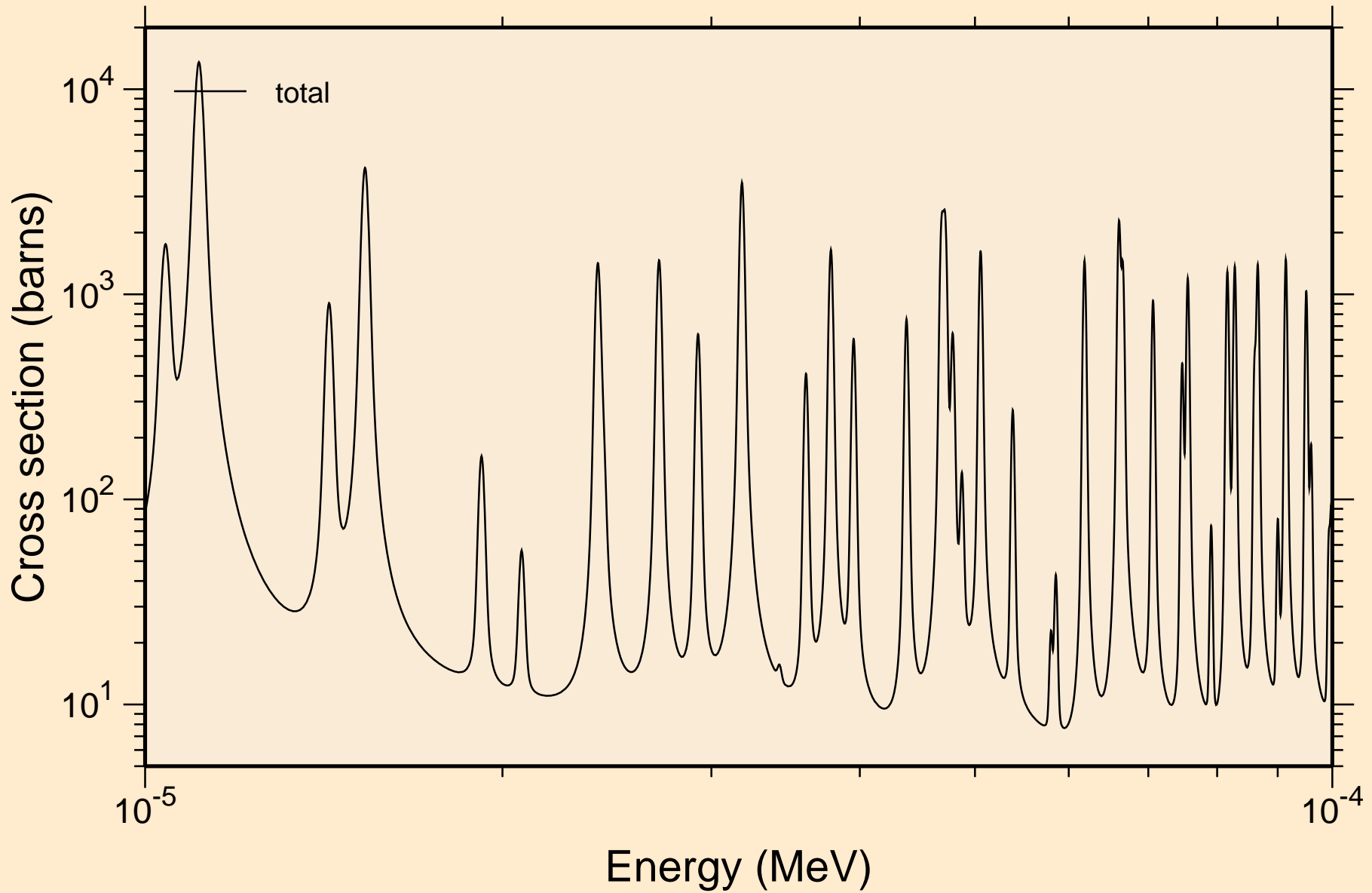
## Principal cross sections



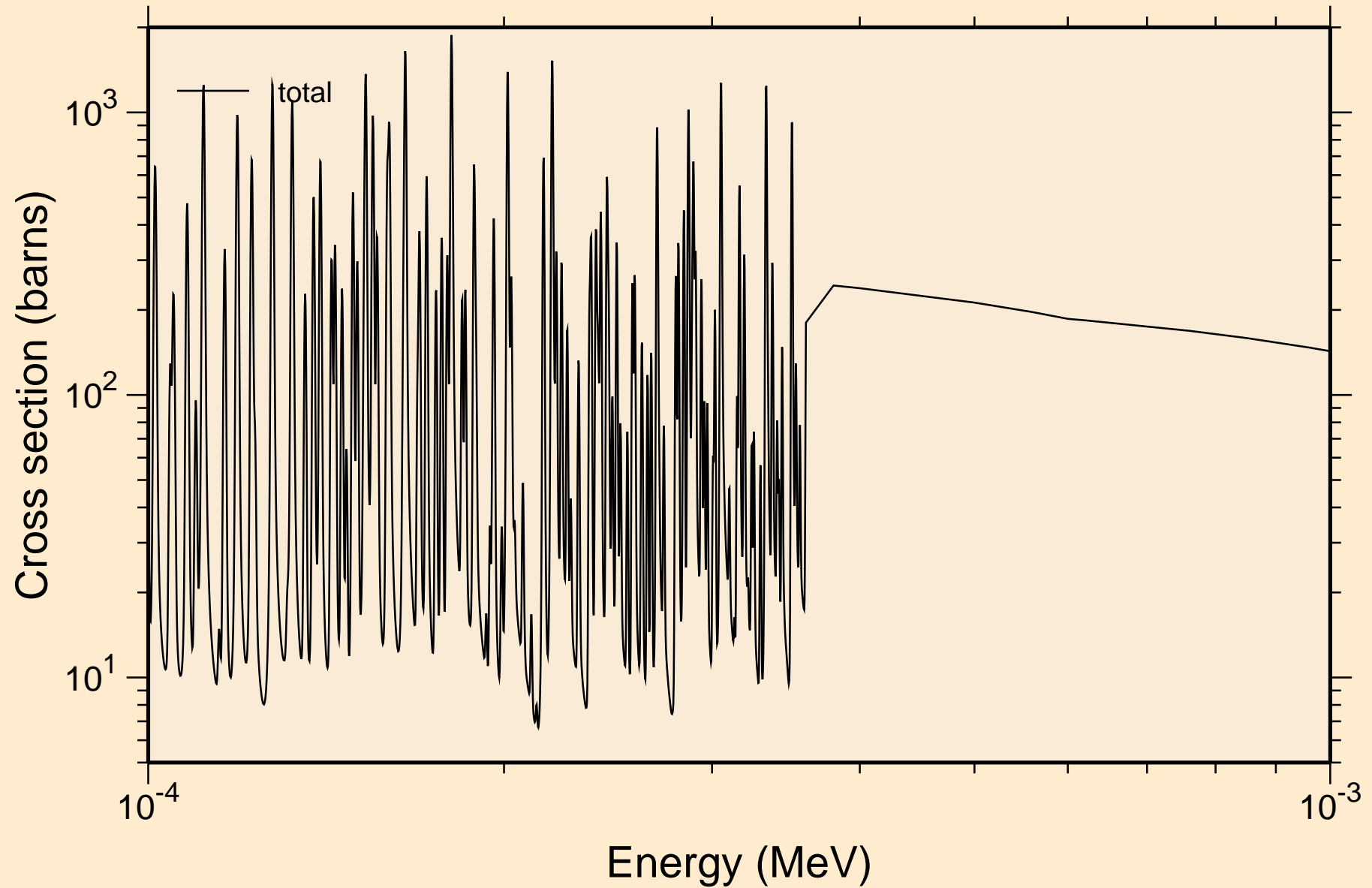
DY151 NRG TENDL-2015, AKONING  
resonance total cross section



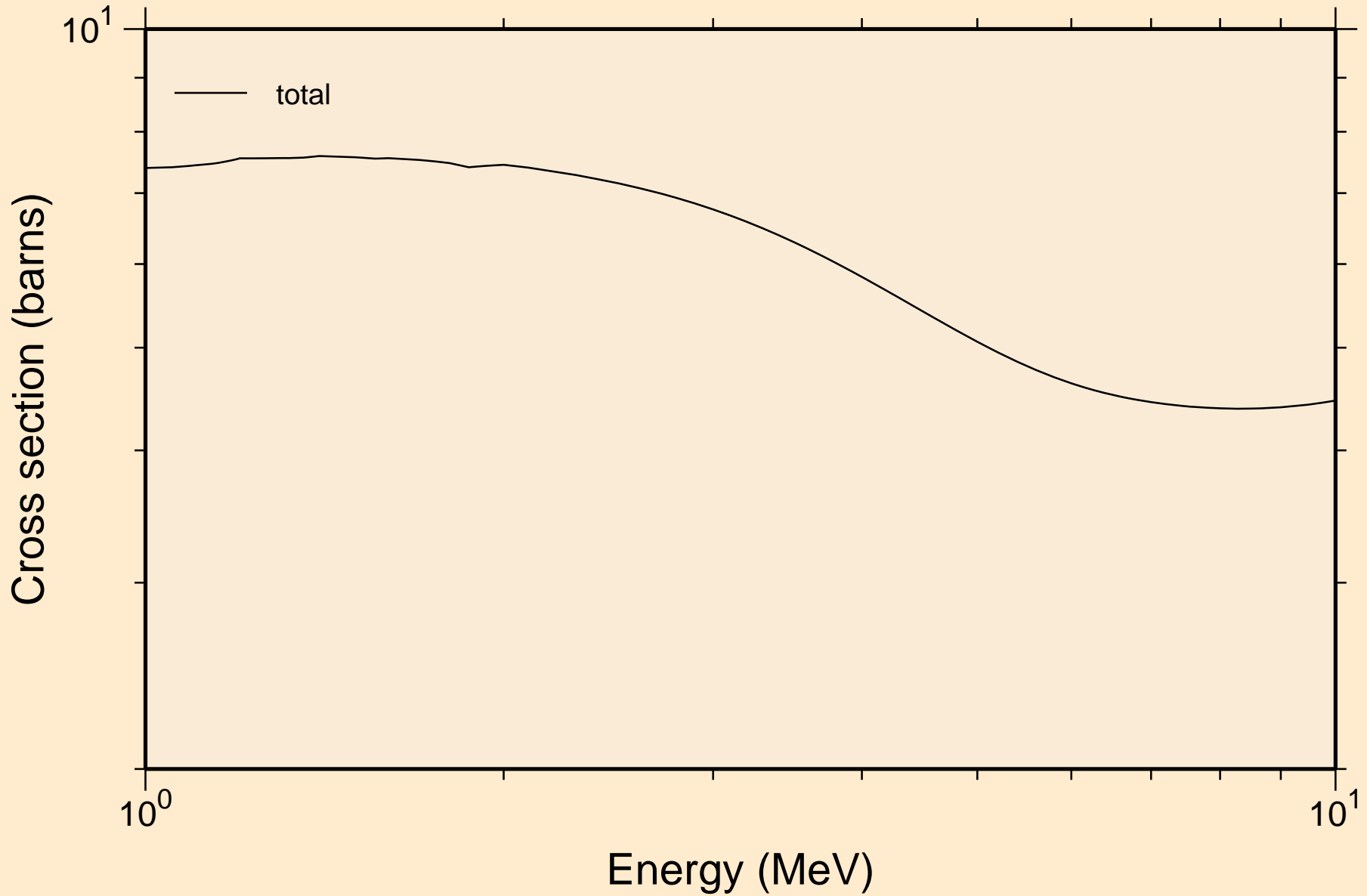
DY151 NRG TENDL-2015, AKONING  
resonance total cross section



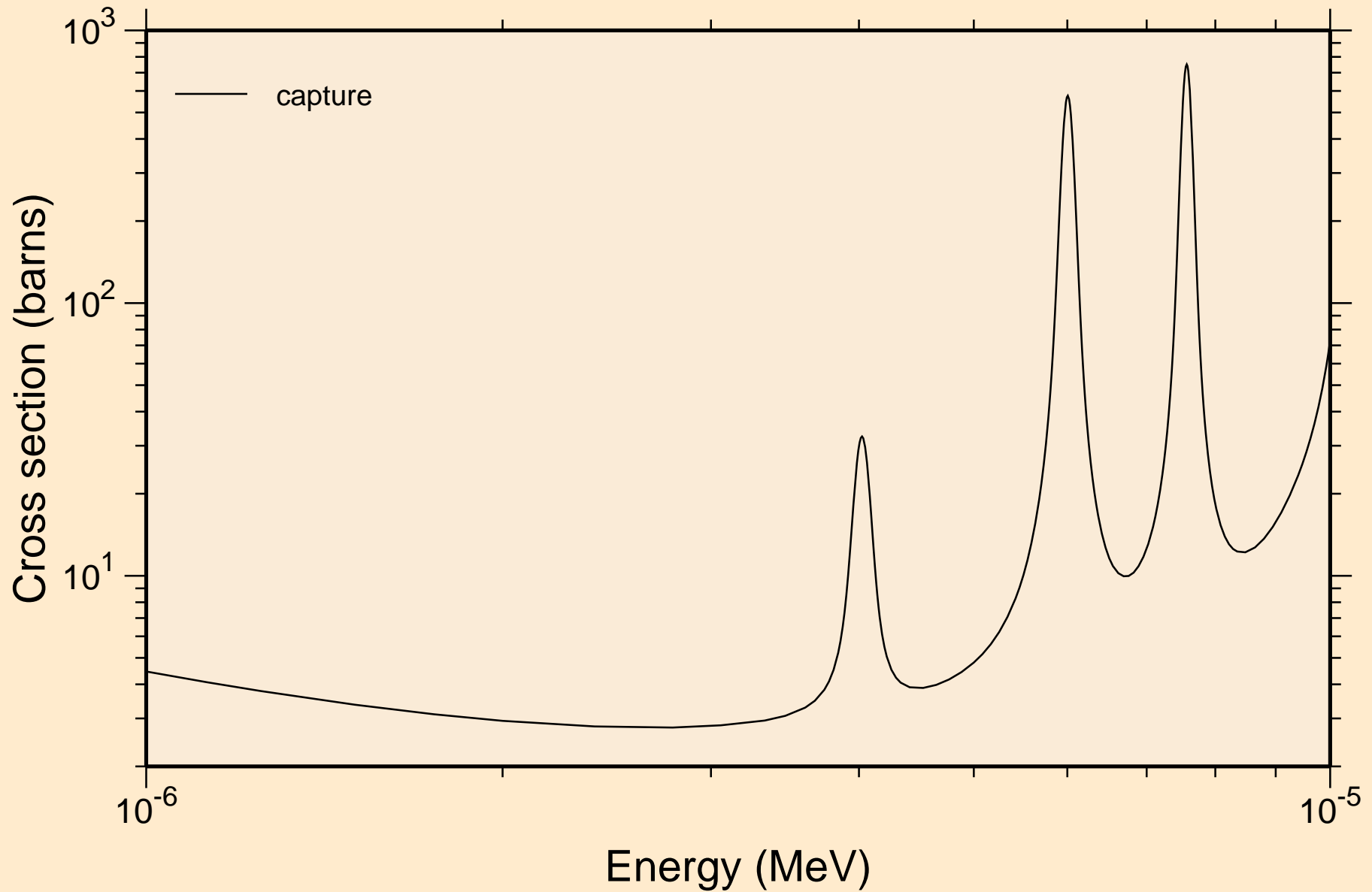
DY151 NRG TENDL-2015, AKONING  
resonance total cross section



DY151 NRG TENDL-2015, AKONING  
resonance total cross section

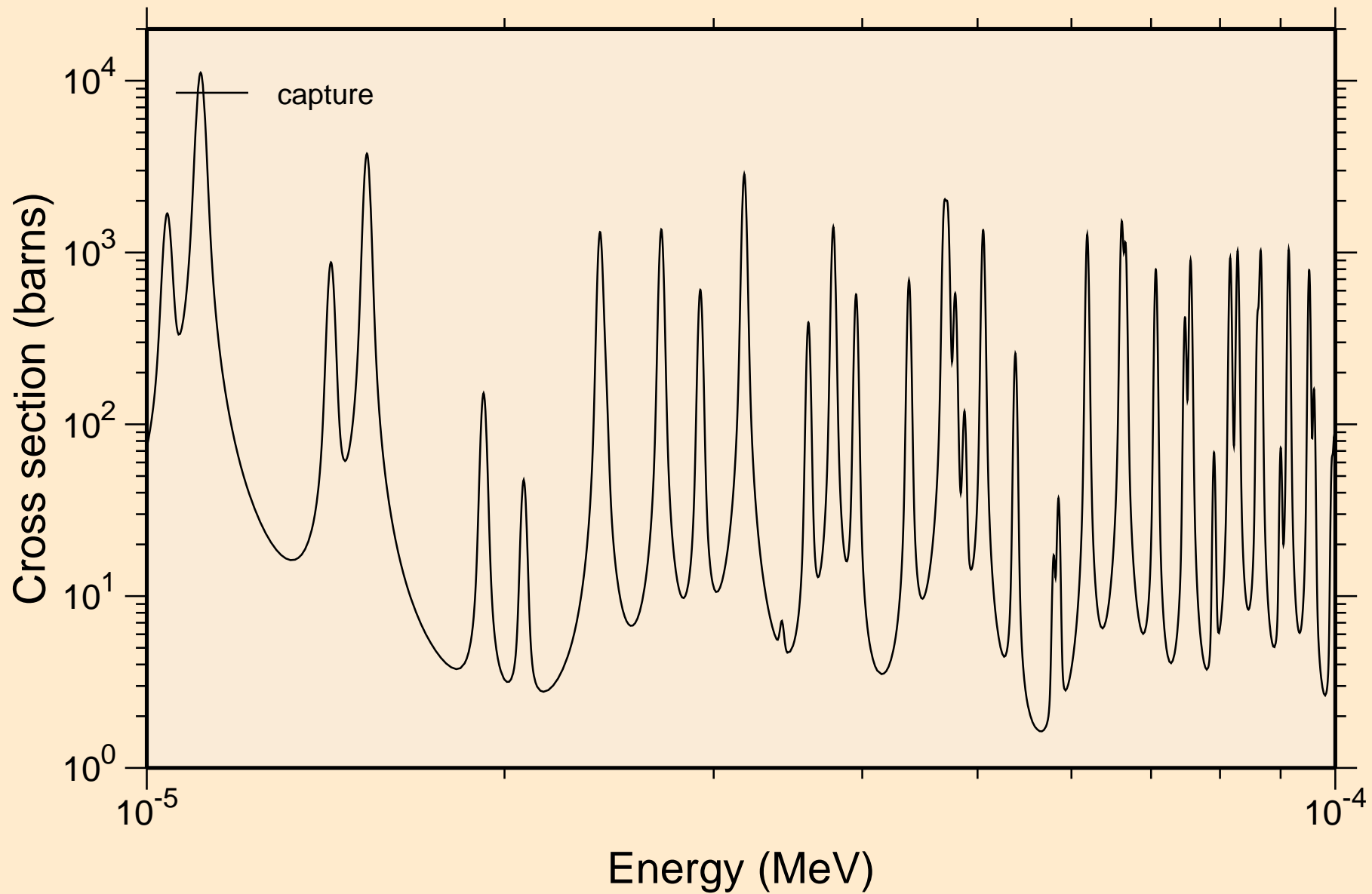


DY151 NRG TENDL-2015, AKONING  
resonance absorption cross sections

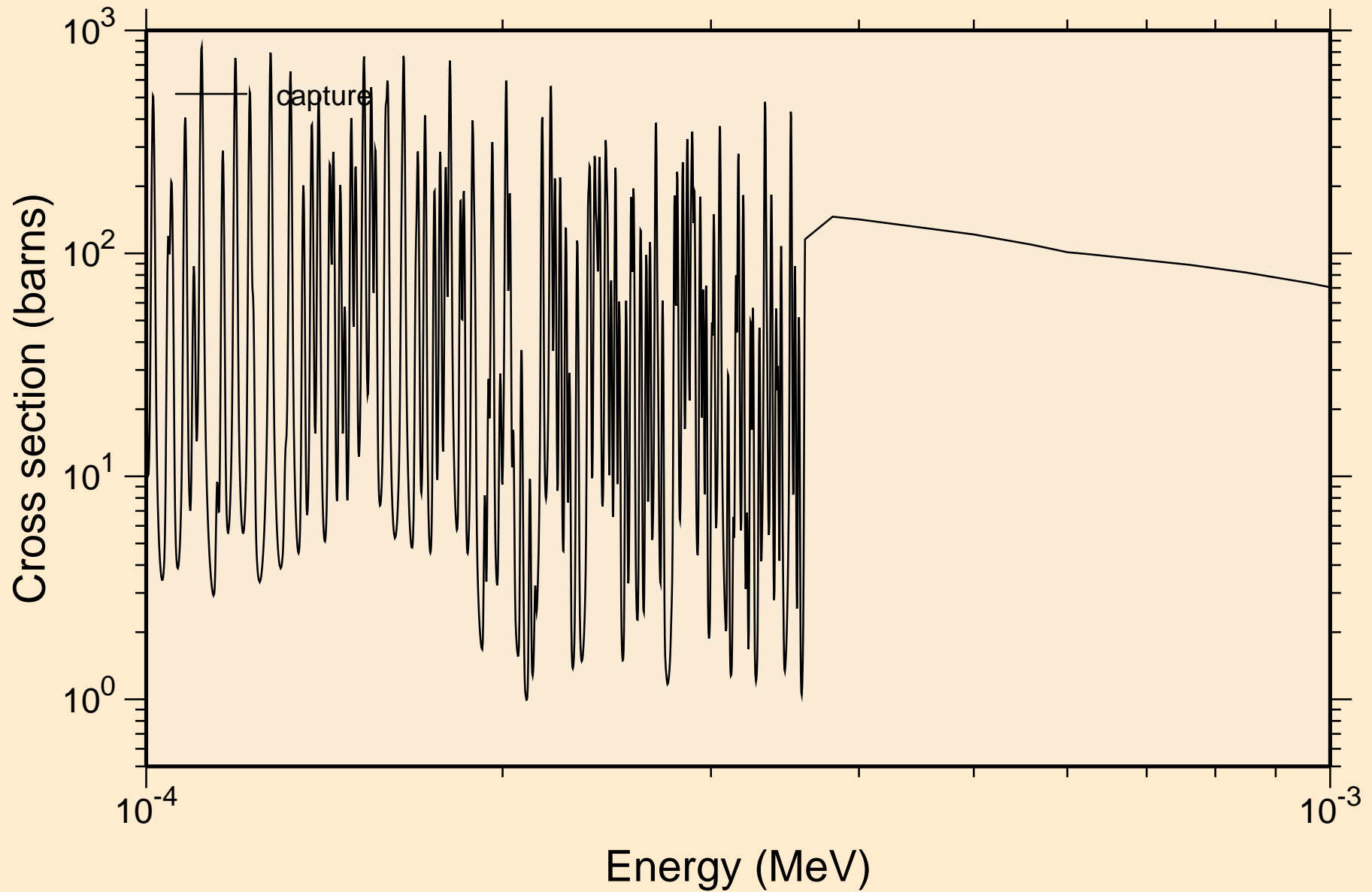


# DY151 NRG TENDL-2015, AKONING

## resonance absorption cross sections

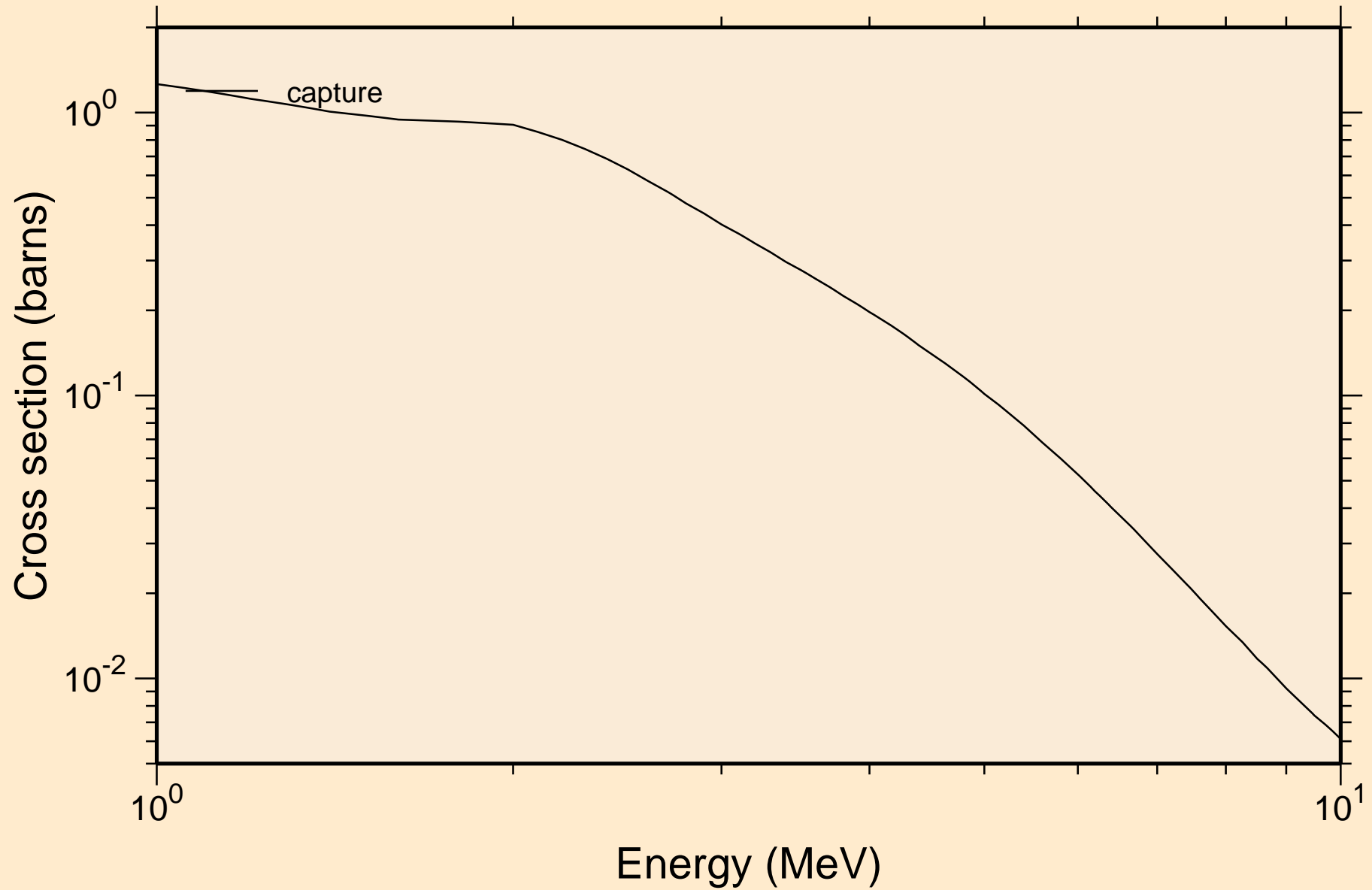


DY151 NRG TENDL-2015, AKONING  
resonance absorption cross sections



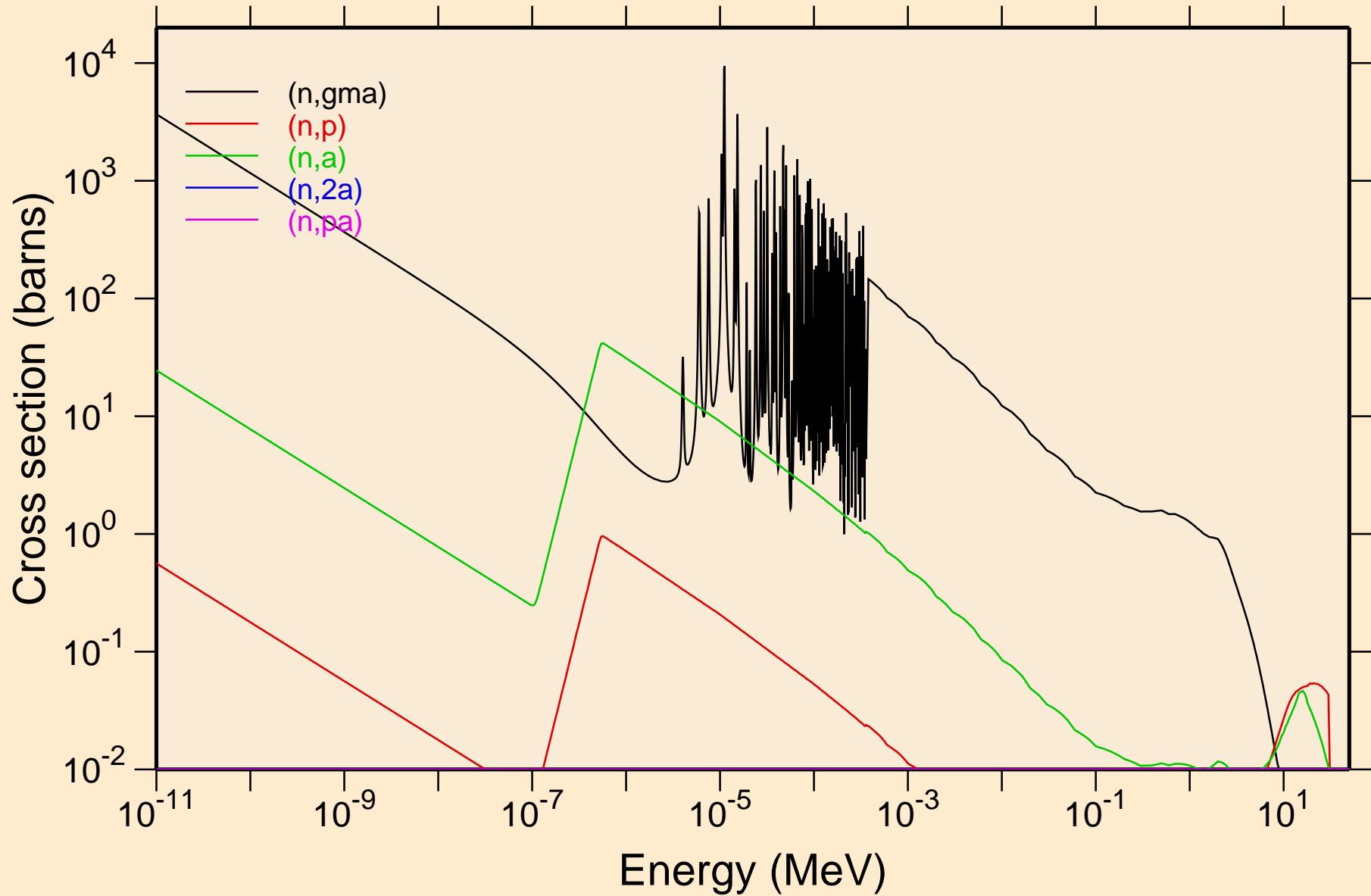


DY151 NRG TENDL-2015, AKONING  
resonance absorption cross sections



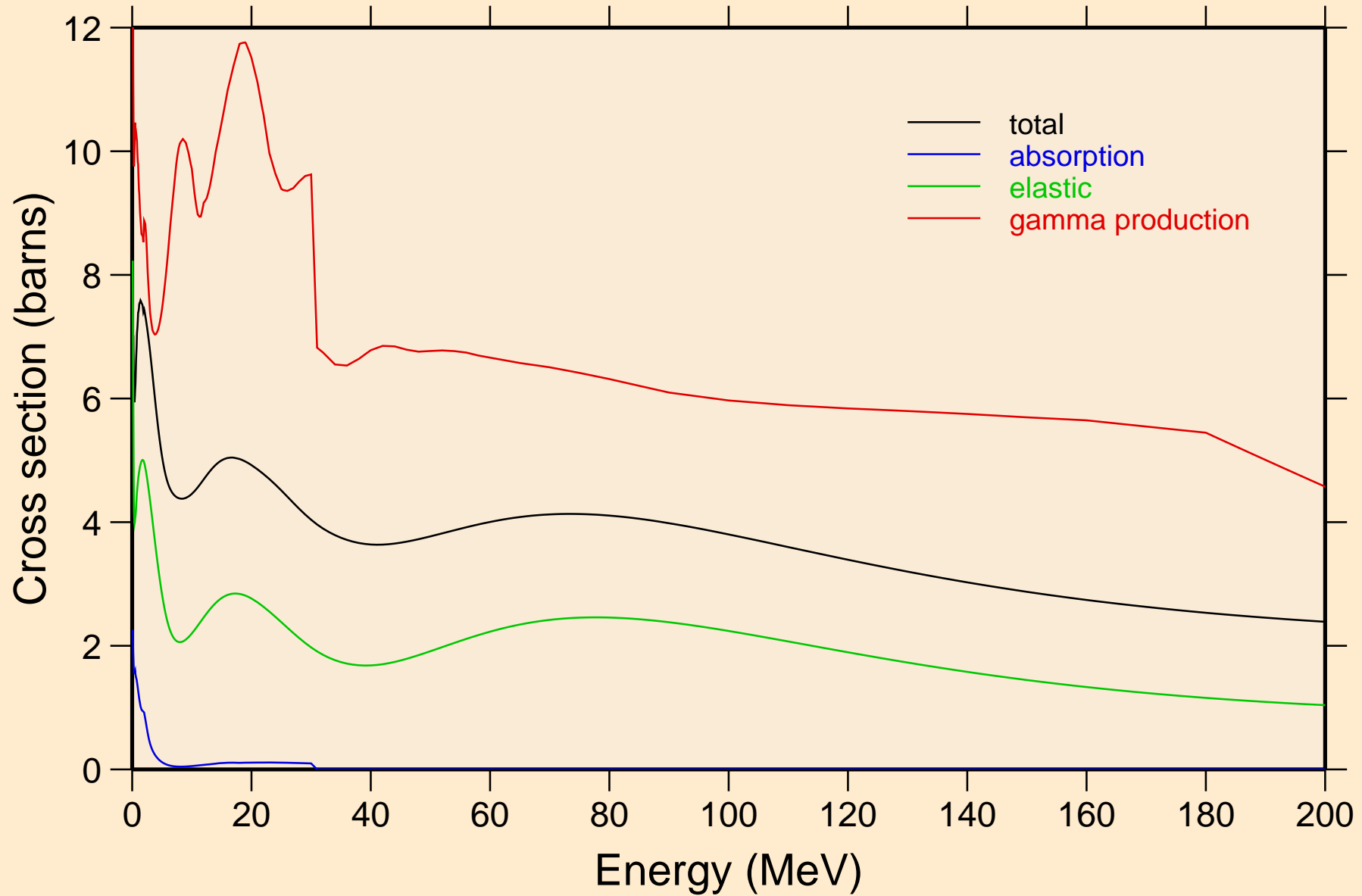
# DY151 NRG TENDL-2015, AKONING

## Non-threshold reactions



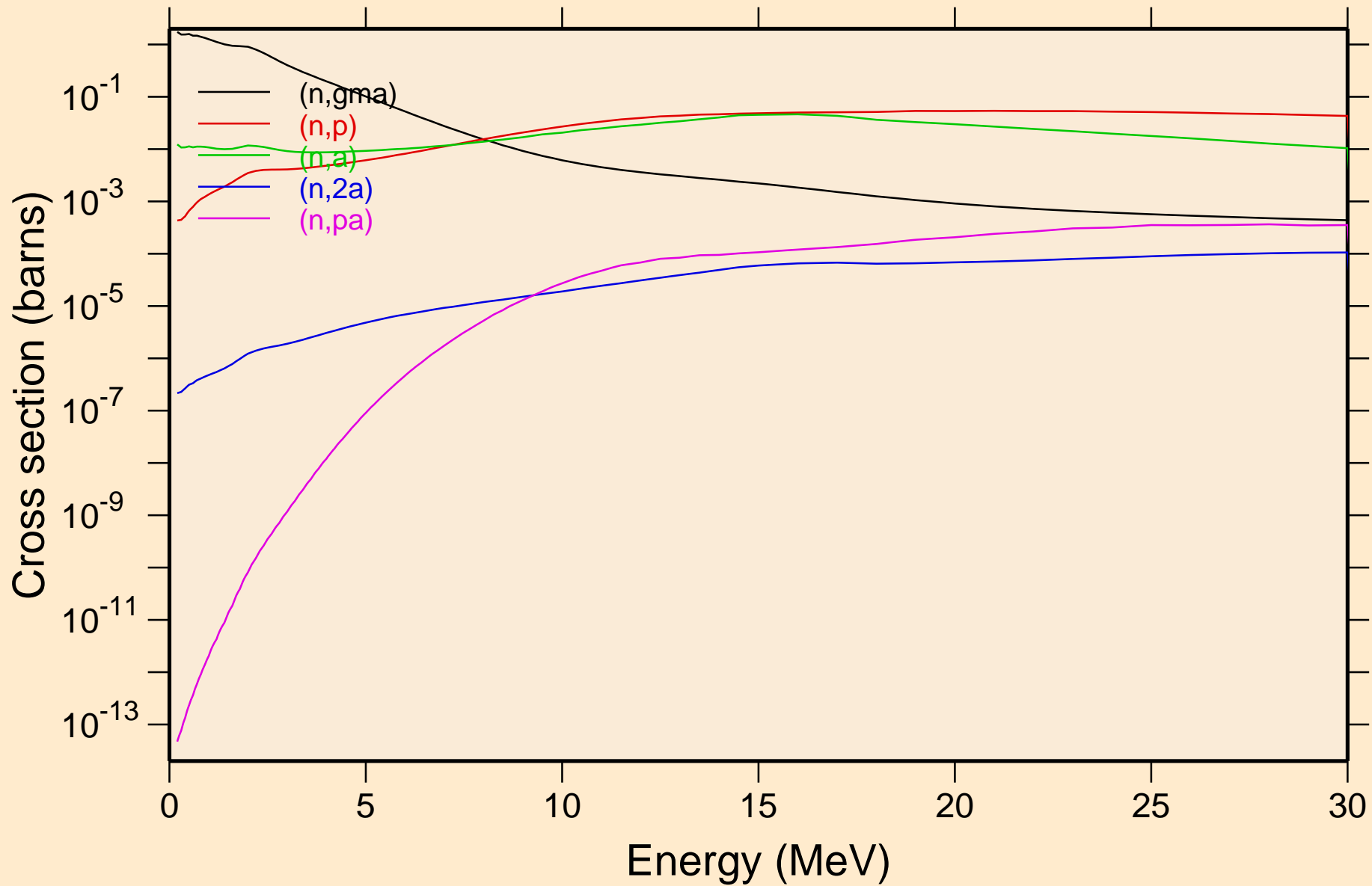
# DY151 NRG TENDL-2015, AKONING

## Principal cross sections



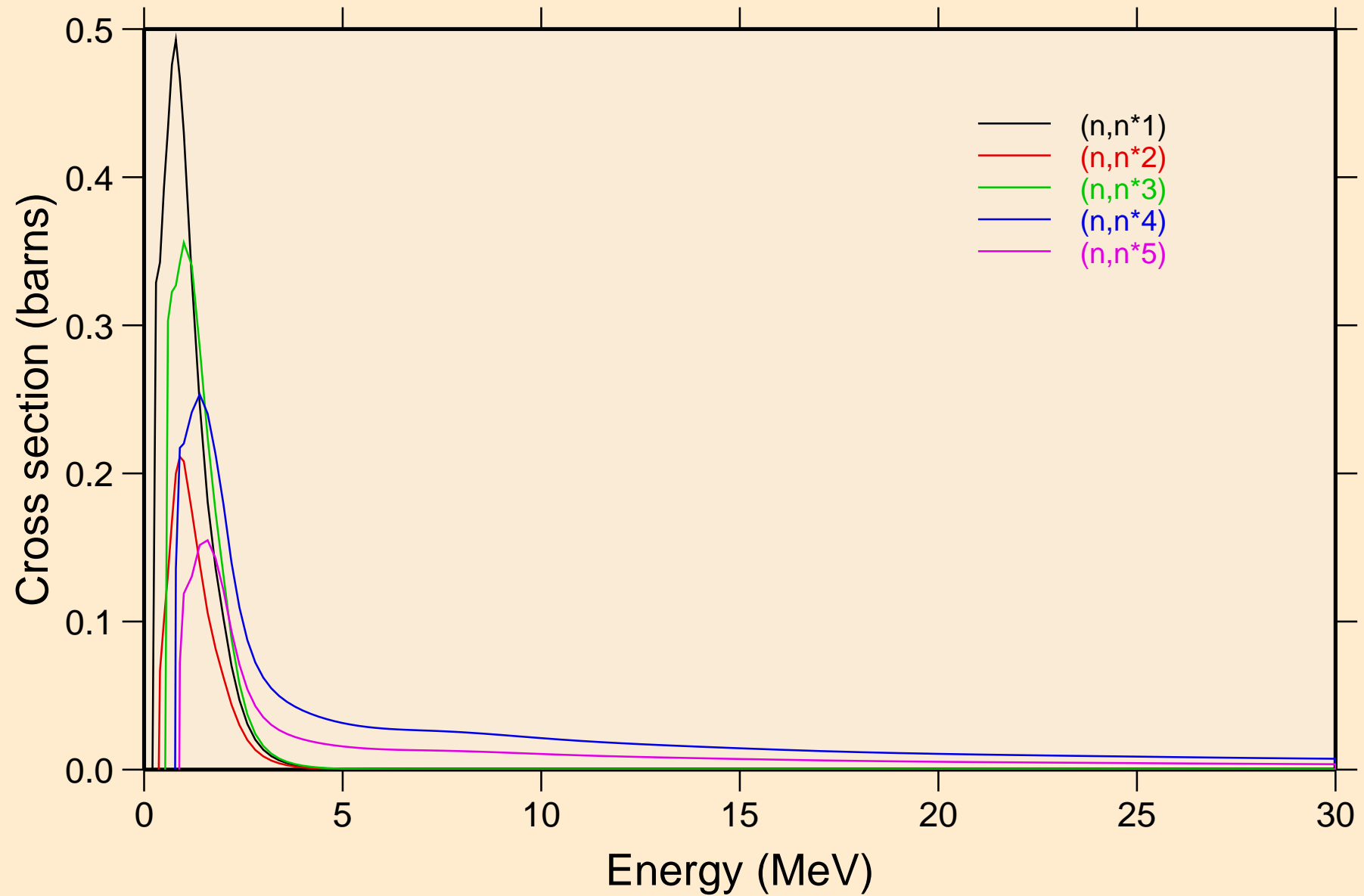
# DY151 NRG TENDL-2015, AKONING

## Non-threshold reactions



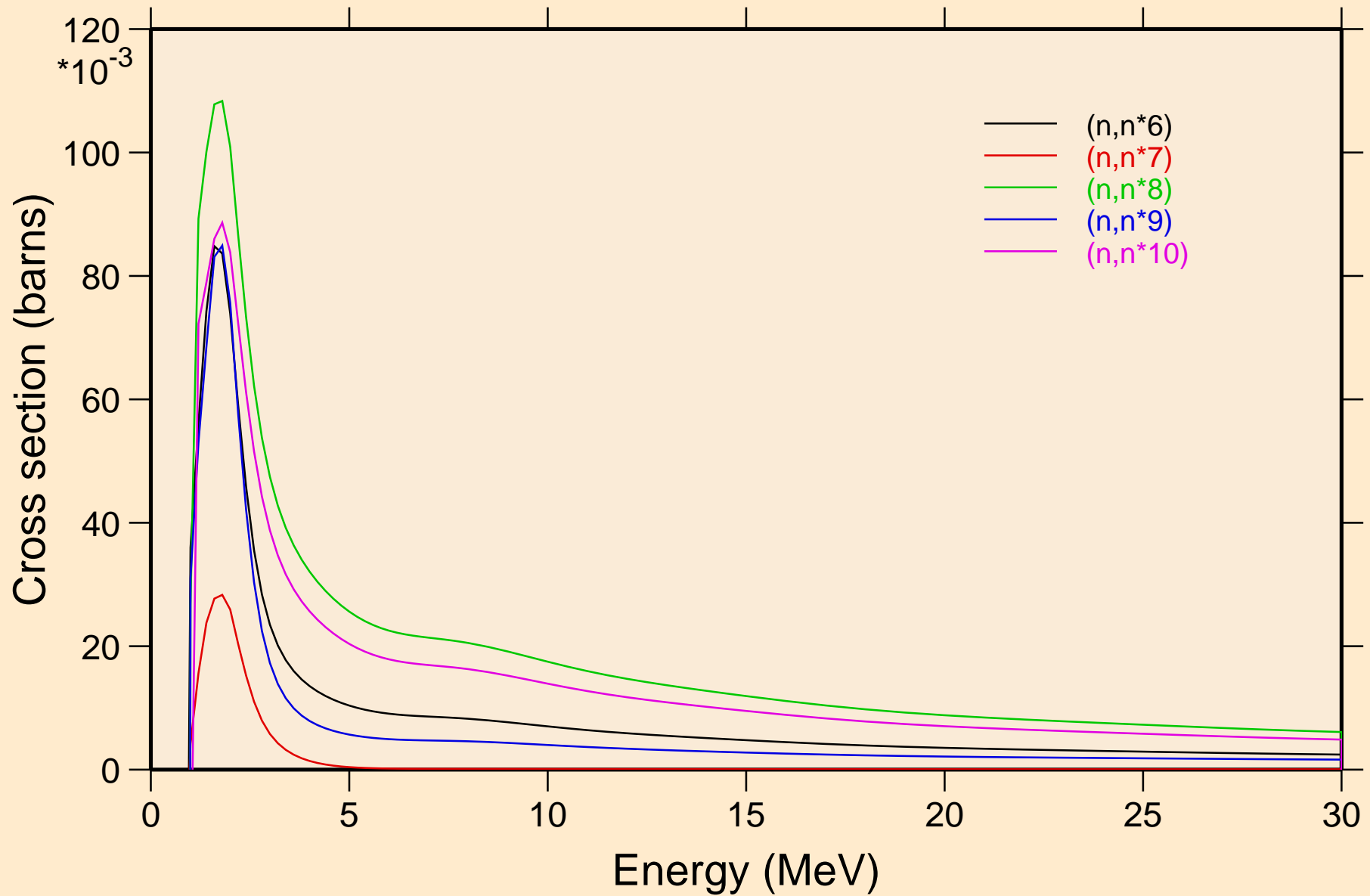
# DY151 NRG TENDL-2015, AKONING

## Inelastic levels



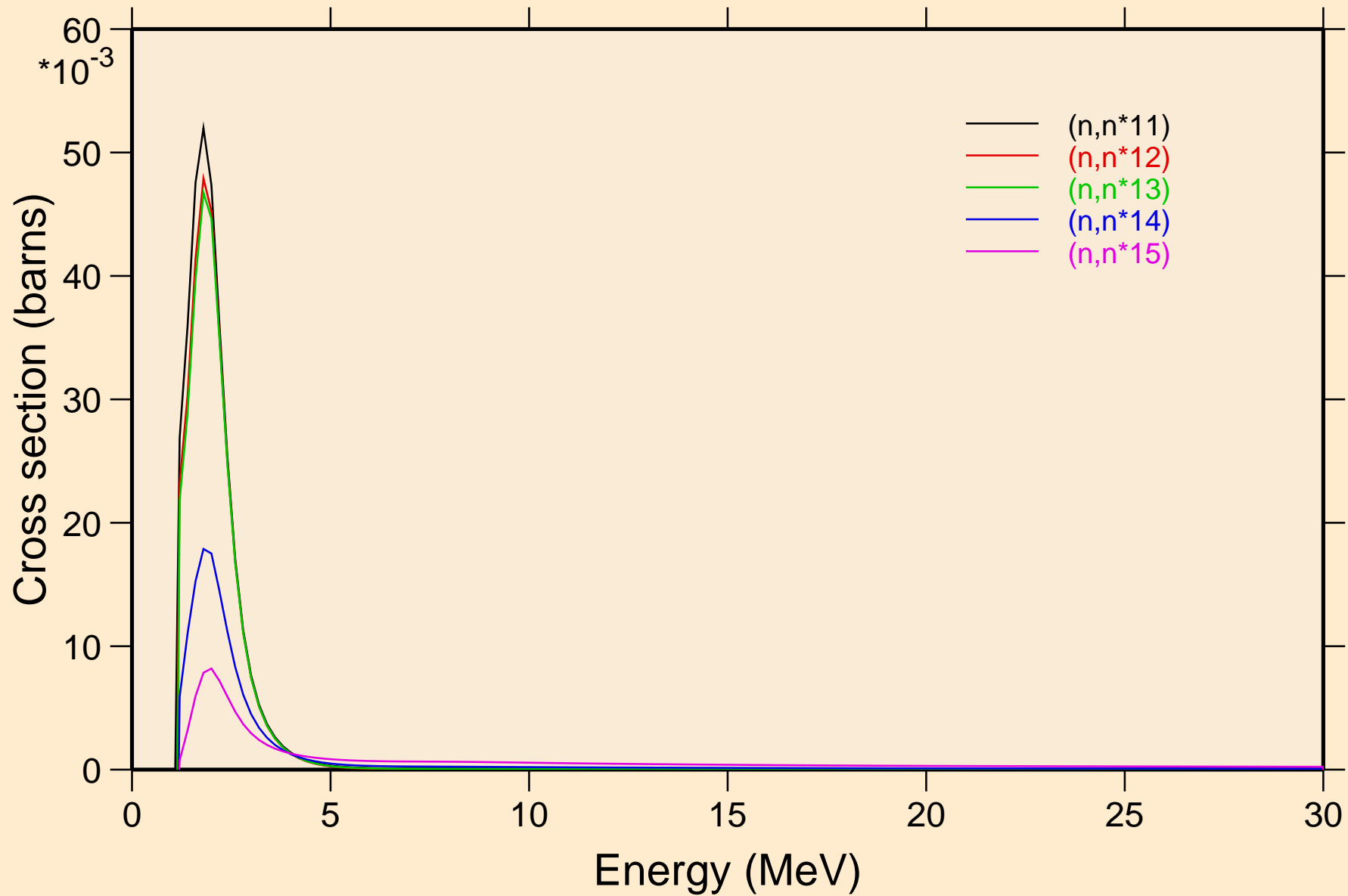
# DY151 NRG TENDL-2015, AKONING

## Inelastic levels



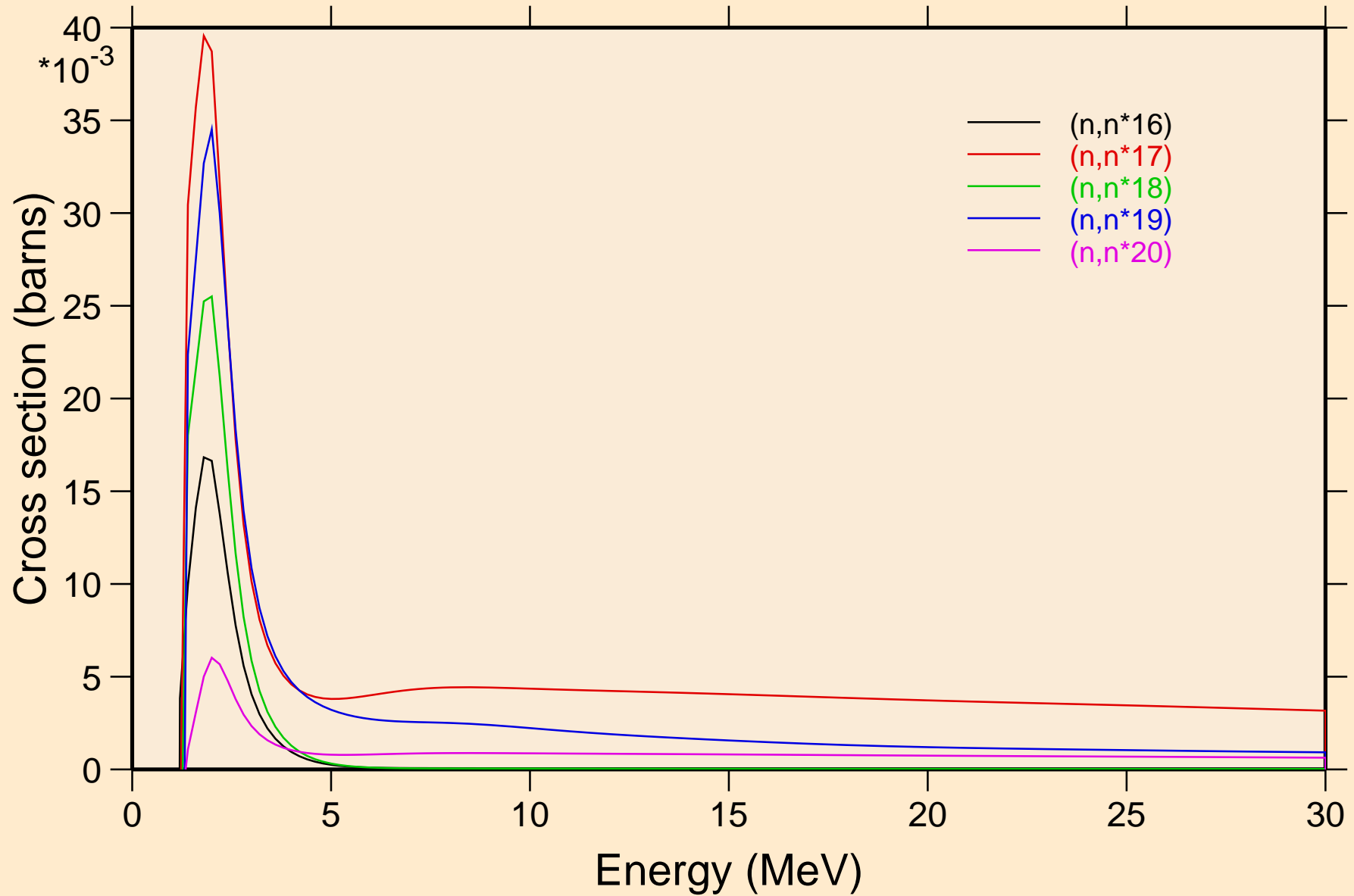
# DY151 NRG TENDL-2015, AKONING

## Inelastic levels



# DY151 NRG TENDL-2015, AKONING

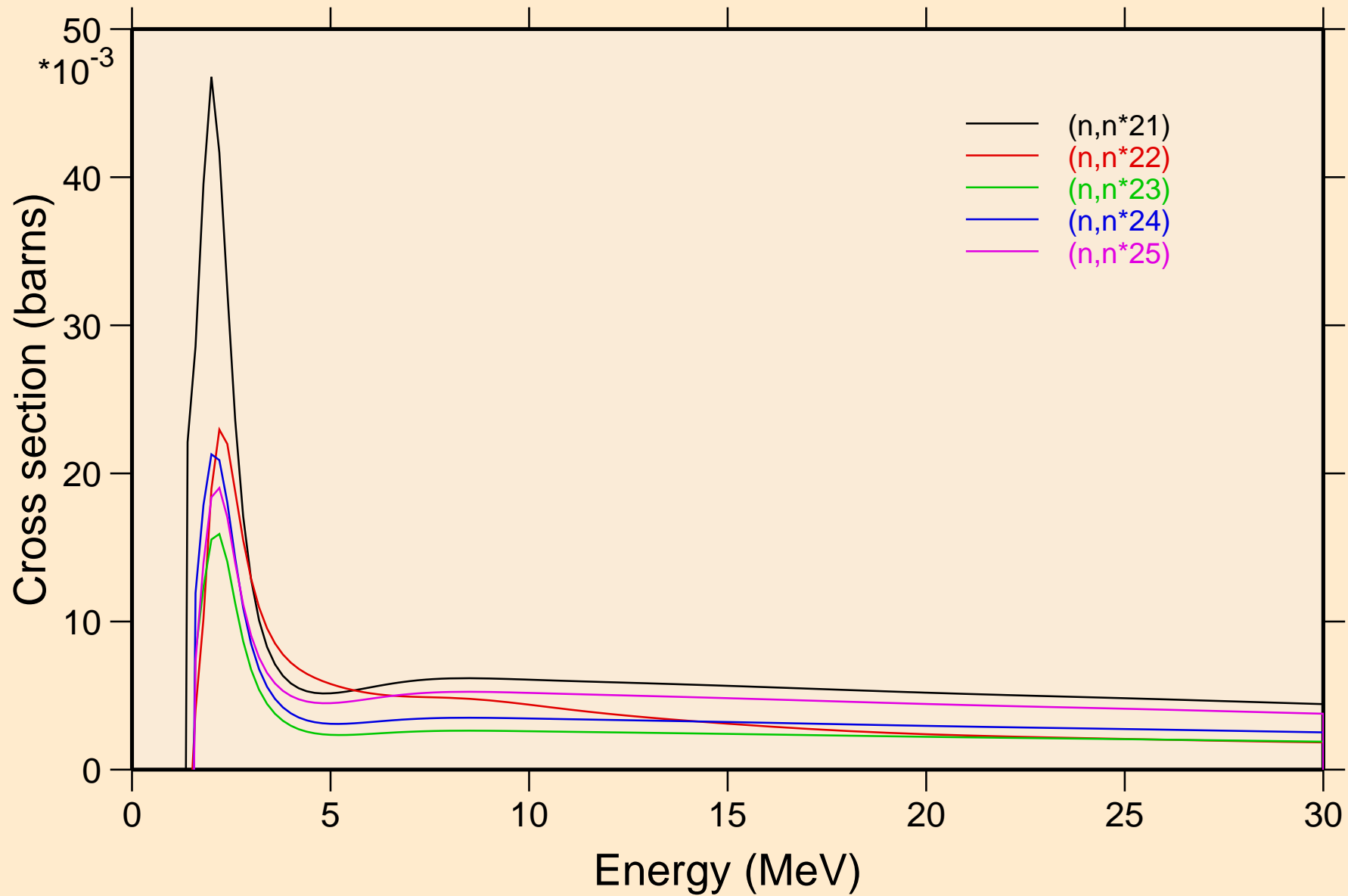
## Inelastic levels





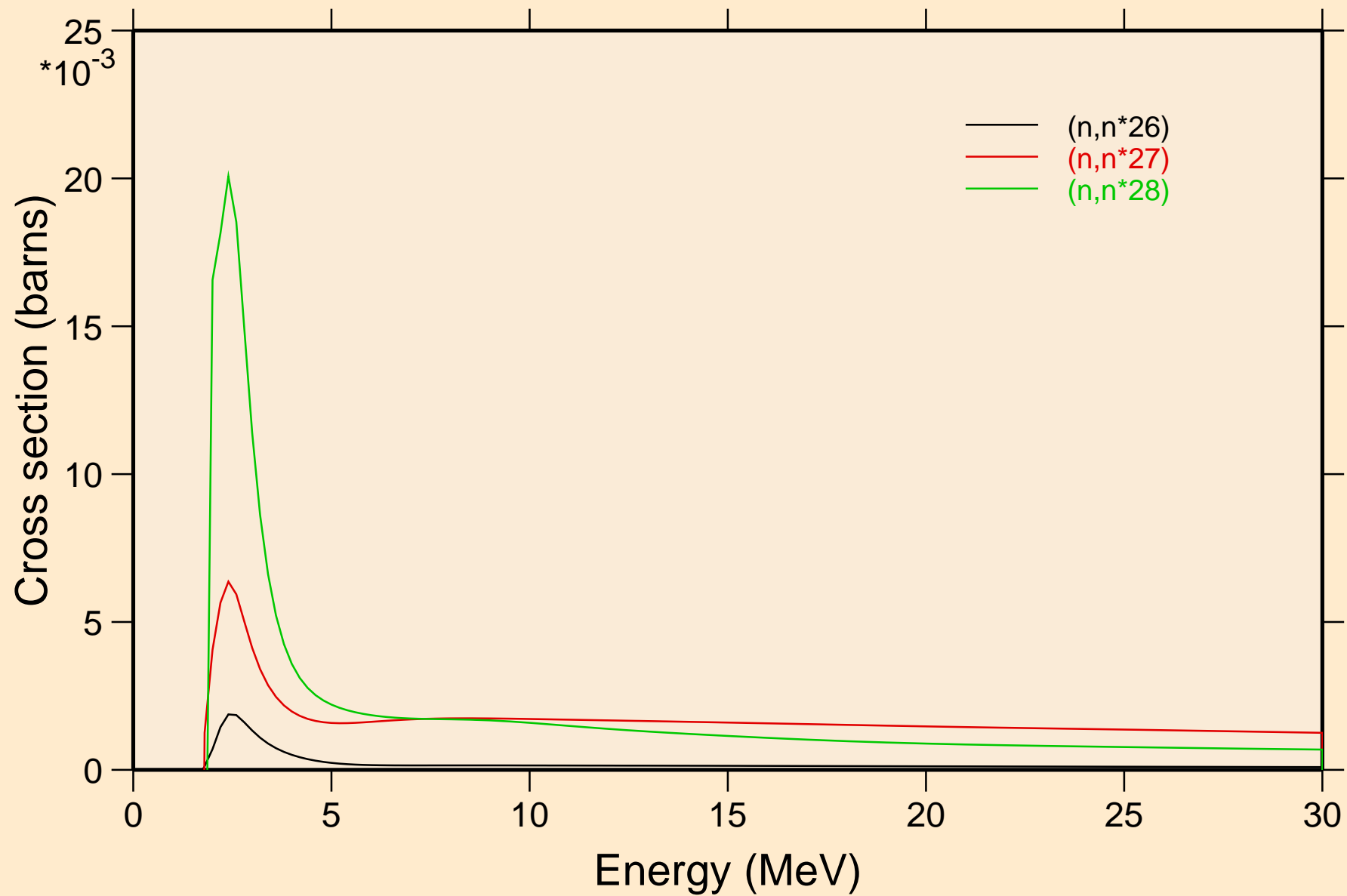
# DY151 NRG TENDL-2015, AKONING

## Inelastic levels



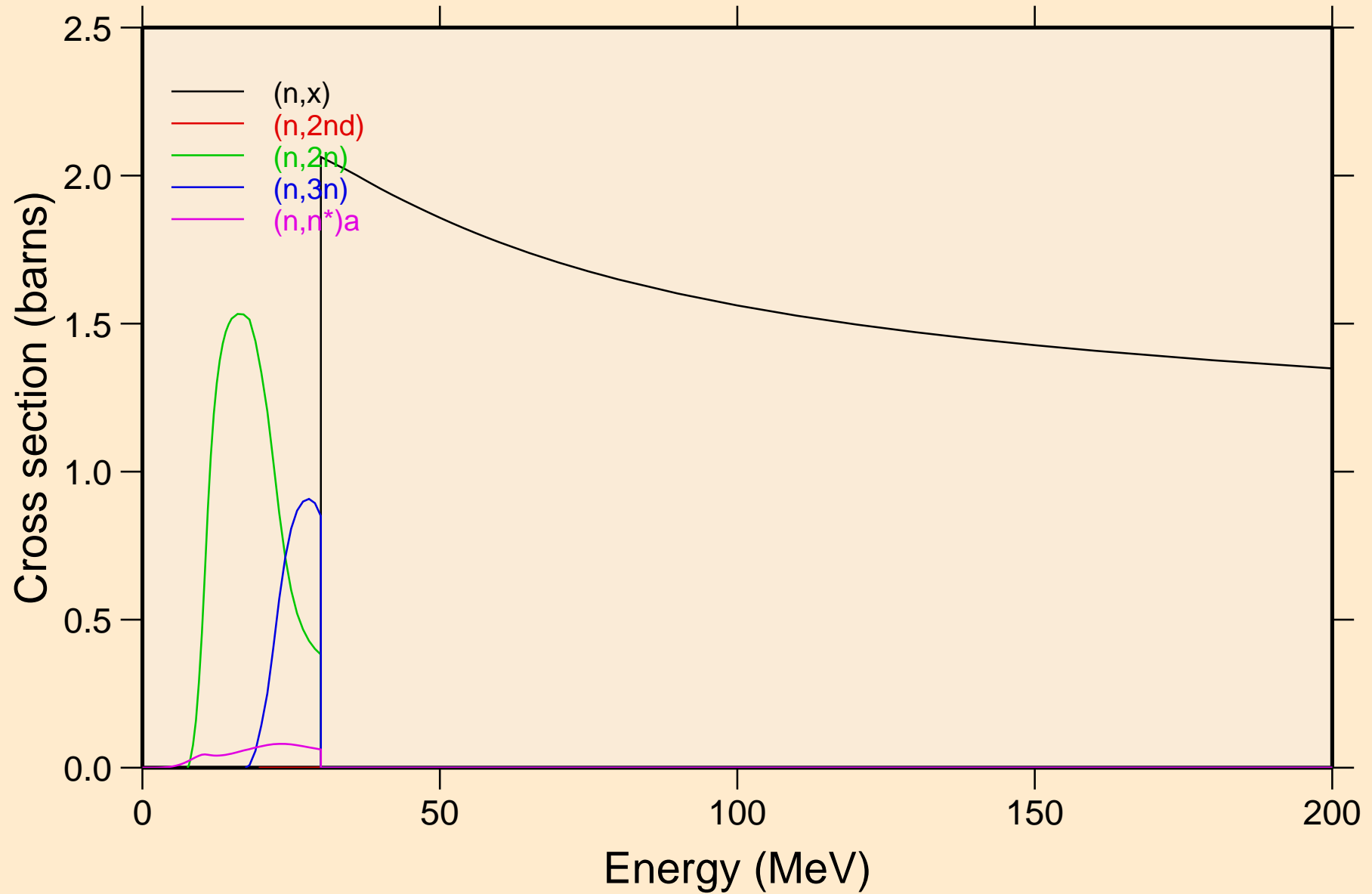
# DY151 NRG TENDL-2015, AKONING

## Inelastic levels



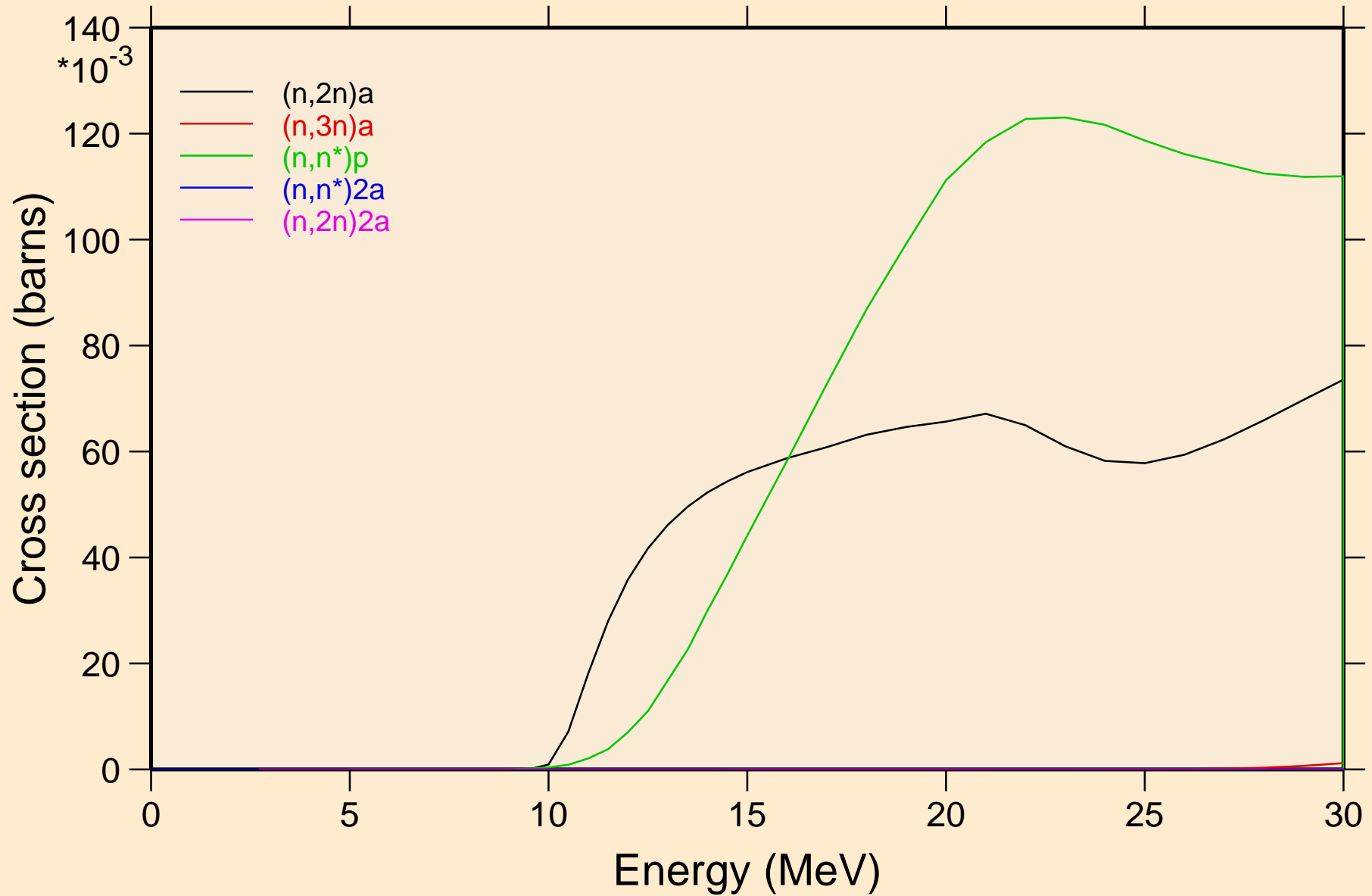
# DY151 NRG TENDL-2015, AKONING

## Threshold reactions



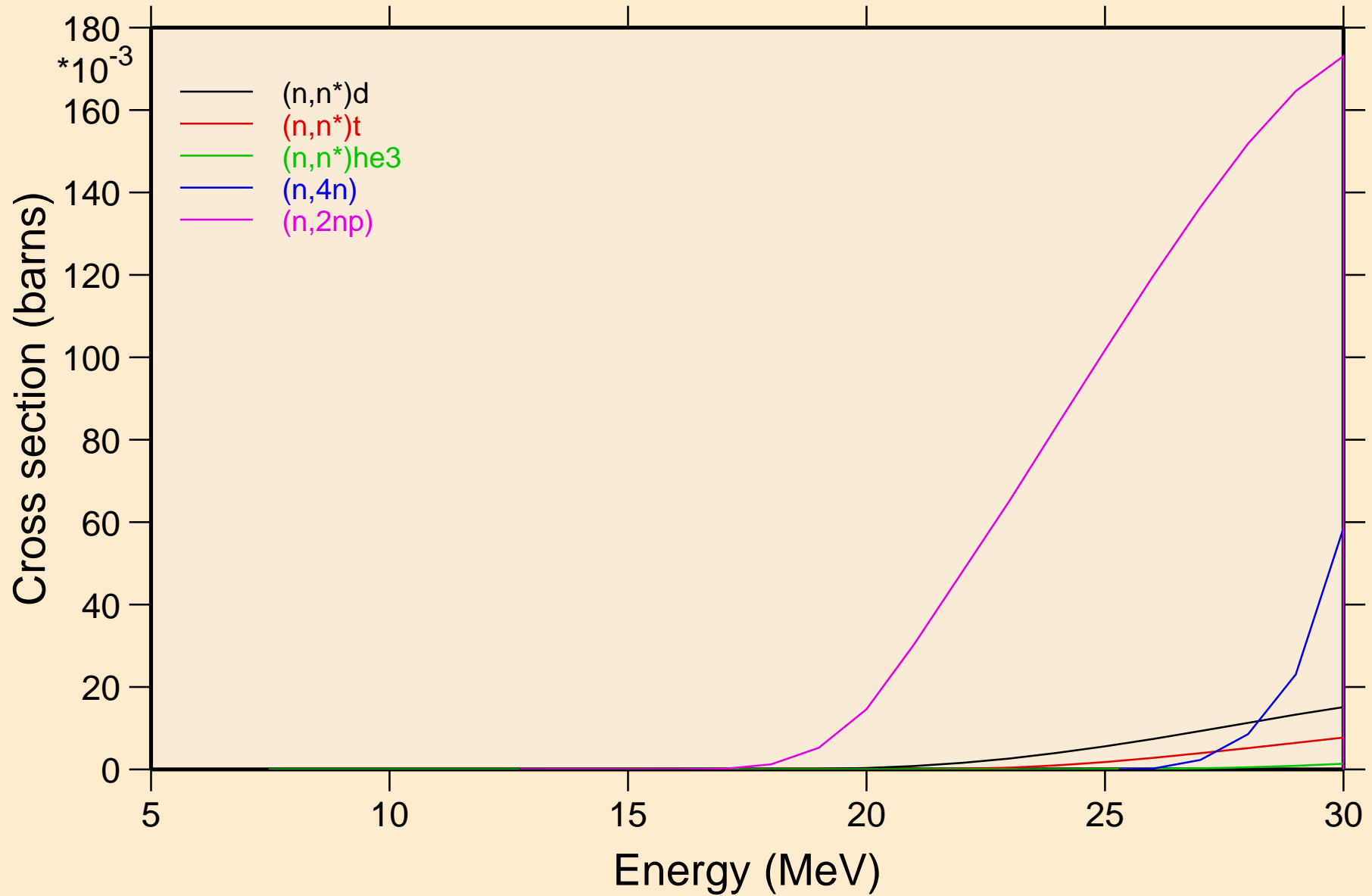
# DY151 NRG TENDL-2015, AKONING

## Threshold reactions



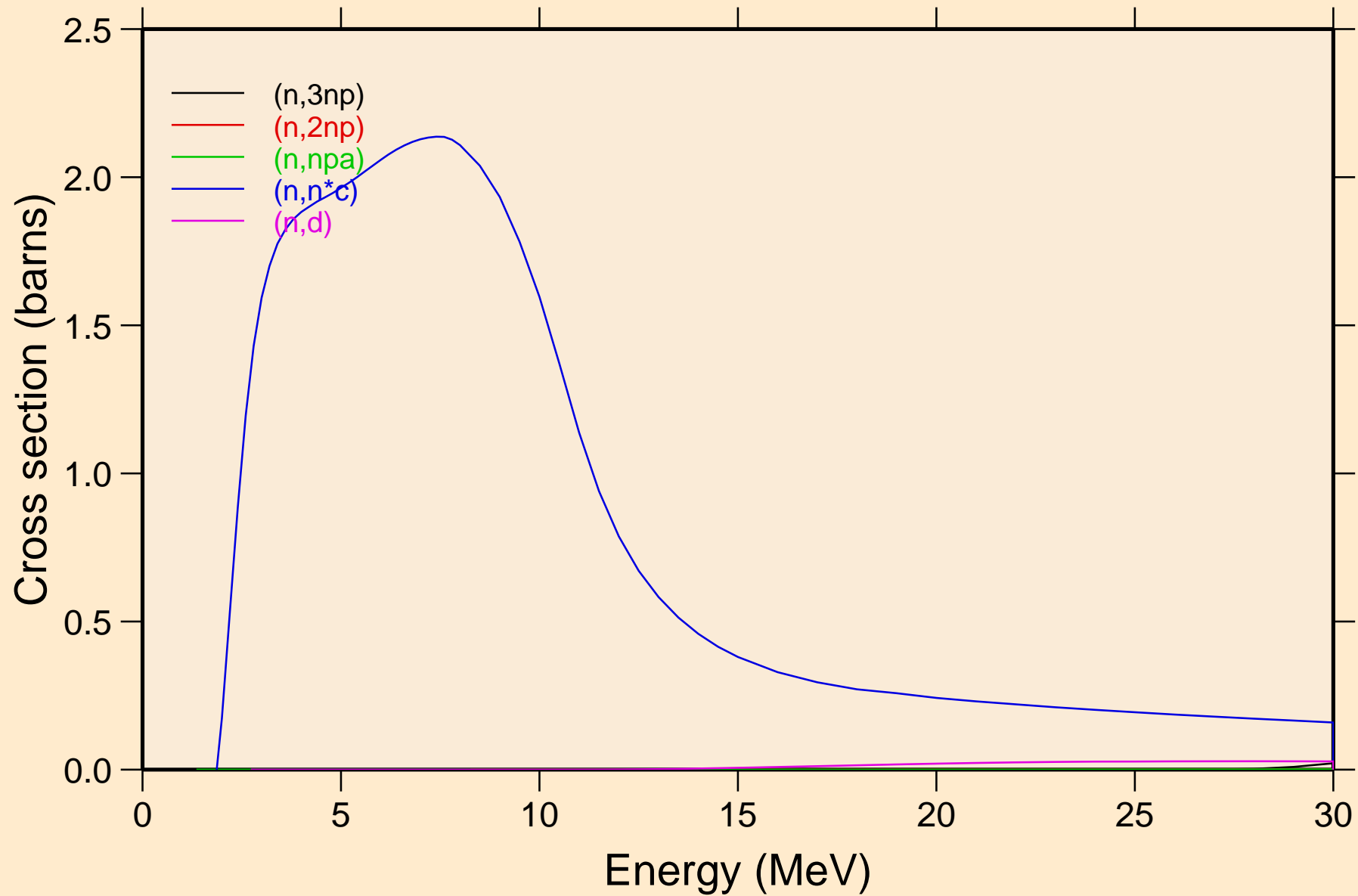
# DY151 NRG TENDL-2015, AKONING

## Threshold reactions



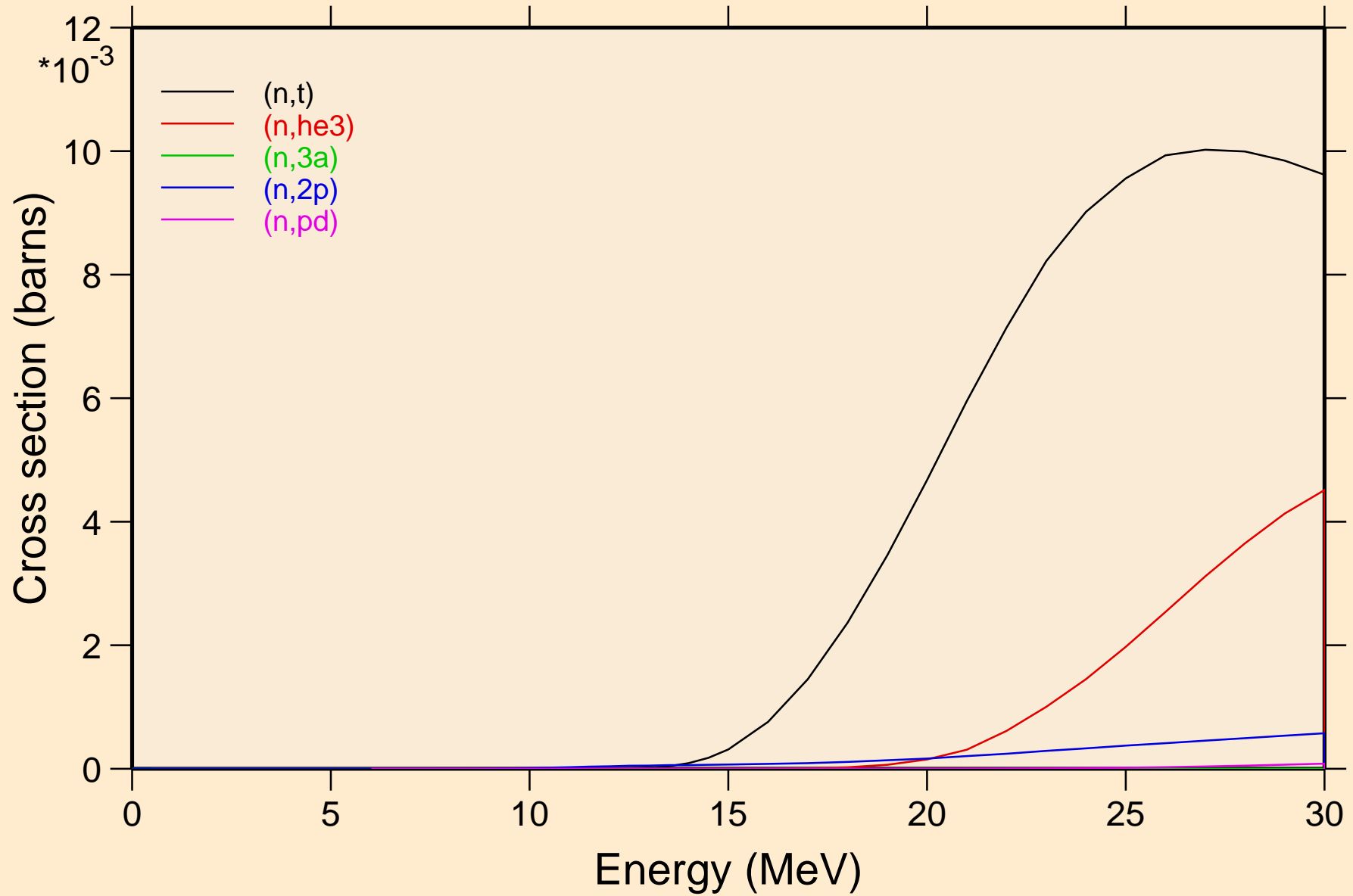
# DY151 NRG TENDL-2015, AKONING

## Threshold reactions



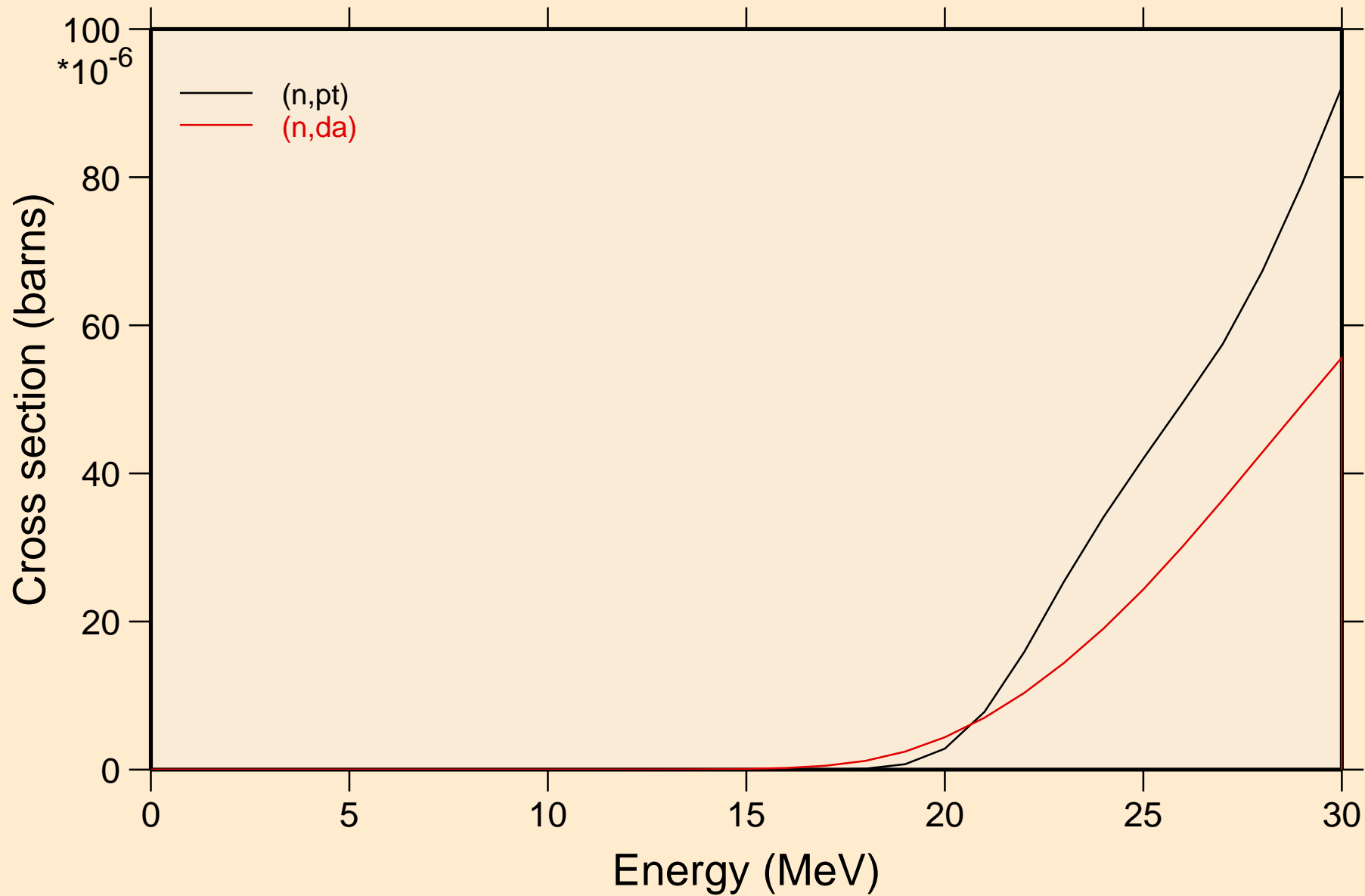
# DY151 NRG TENDL-2015, AKONING

## Threshold reactions



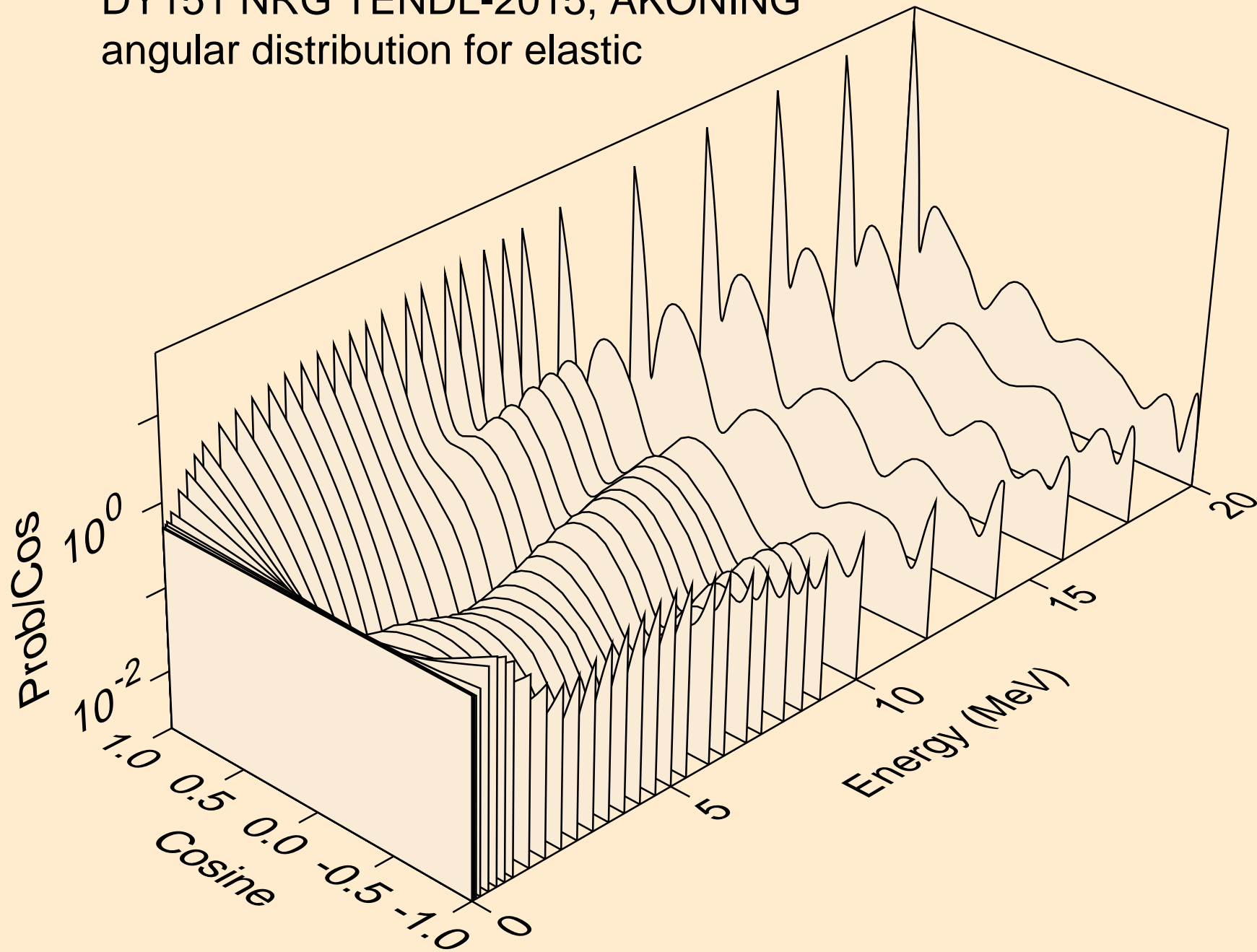
# DY151 NRG TENDL-2015, AKONING

## Threshold reactions

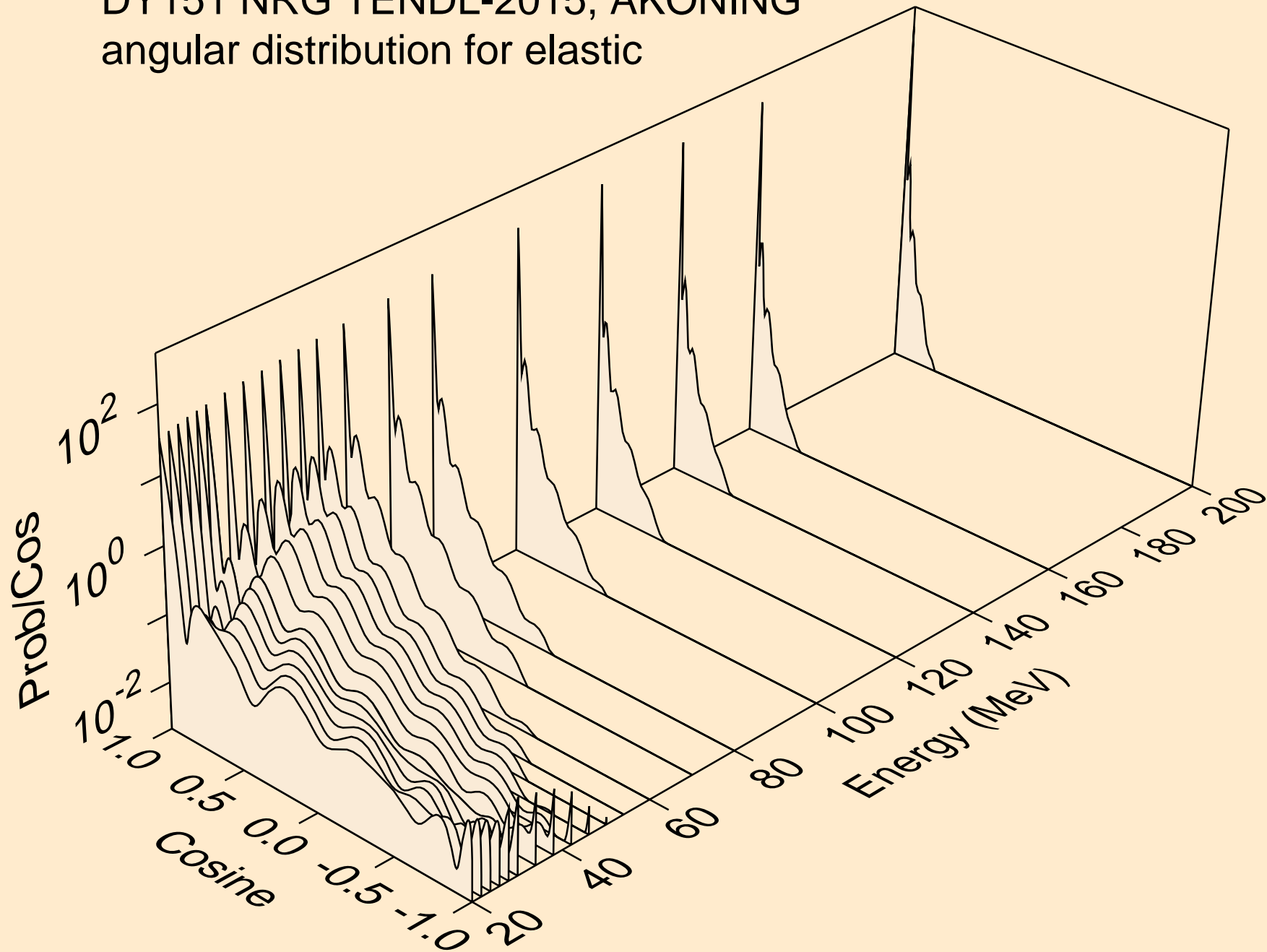




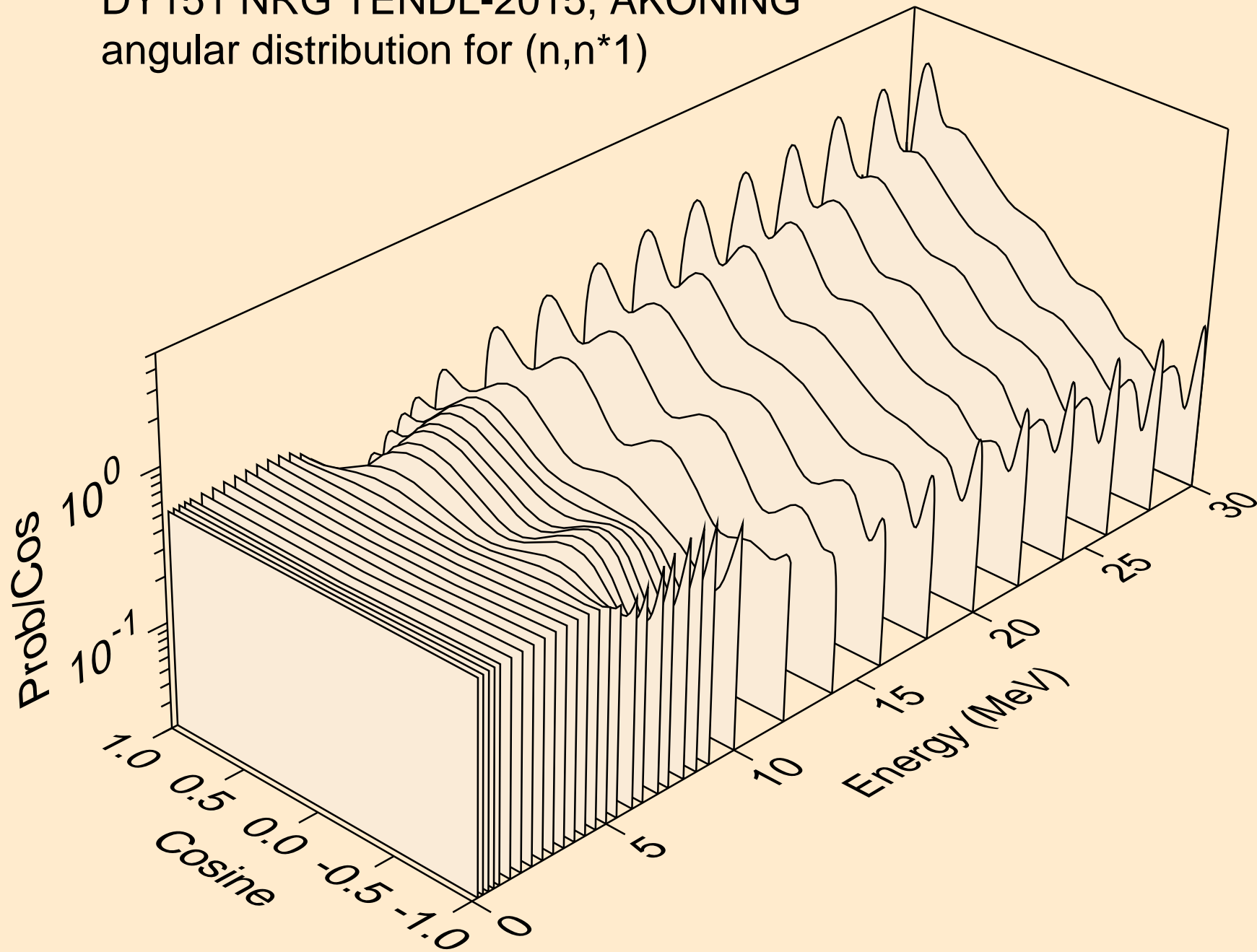
DY151 NRG TENDL-2015, AKONING  
angular distribution for elastic



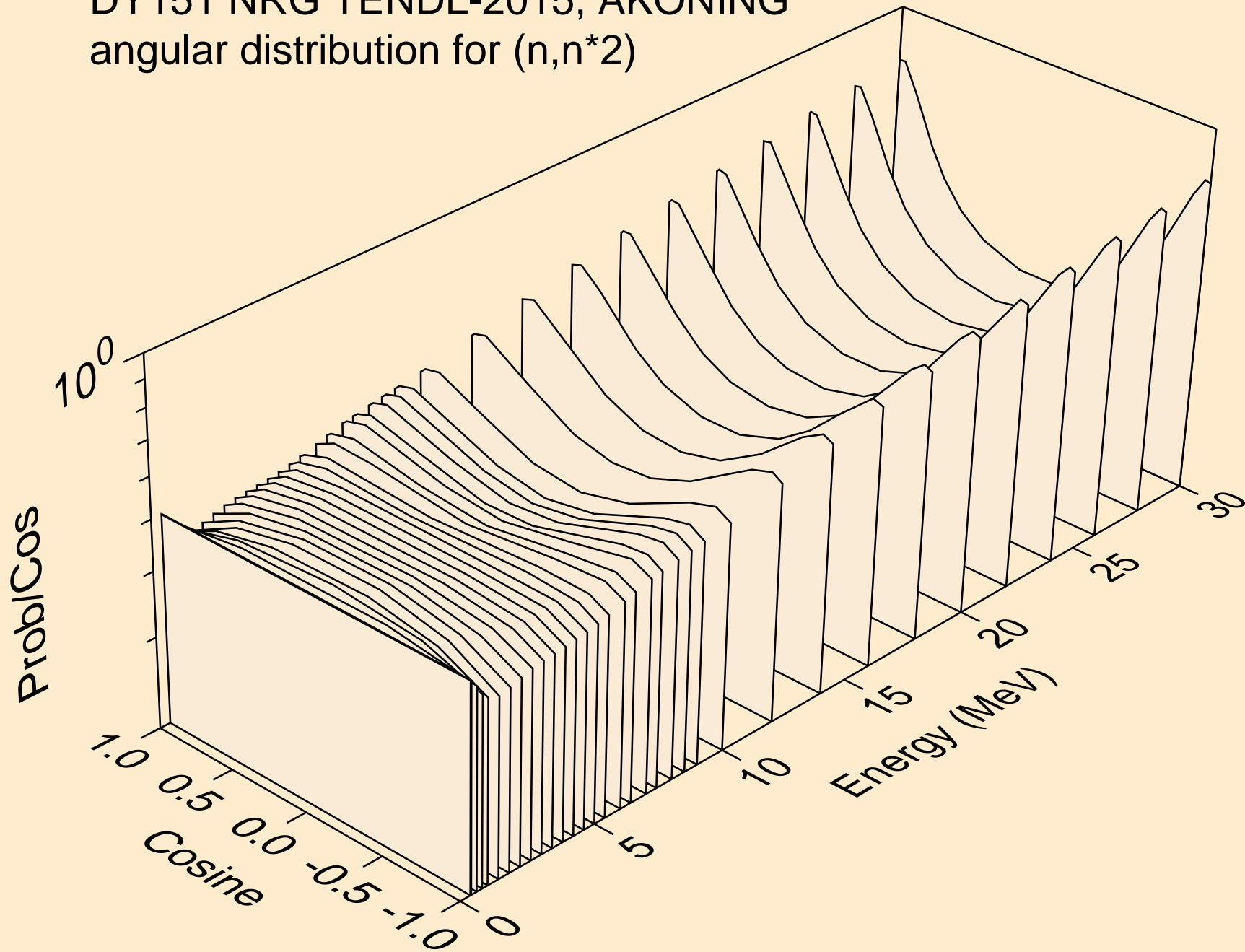
DY151 NRG TENDL-2015, AKONING  
angular distribution for elastic



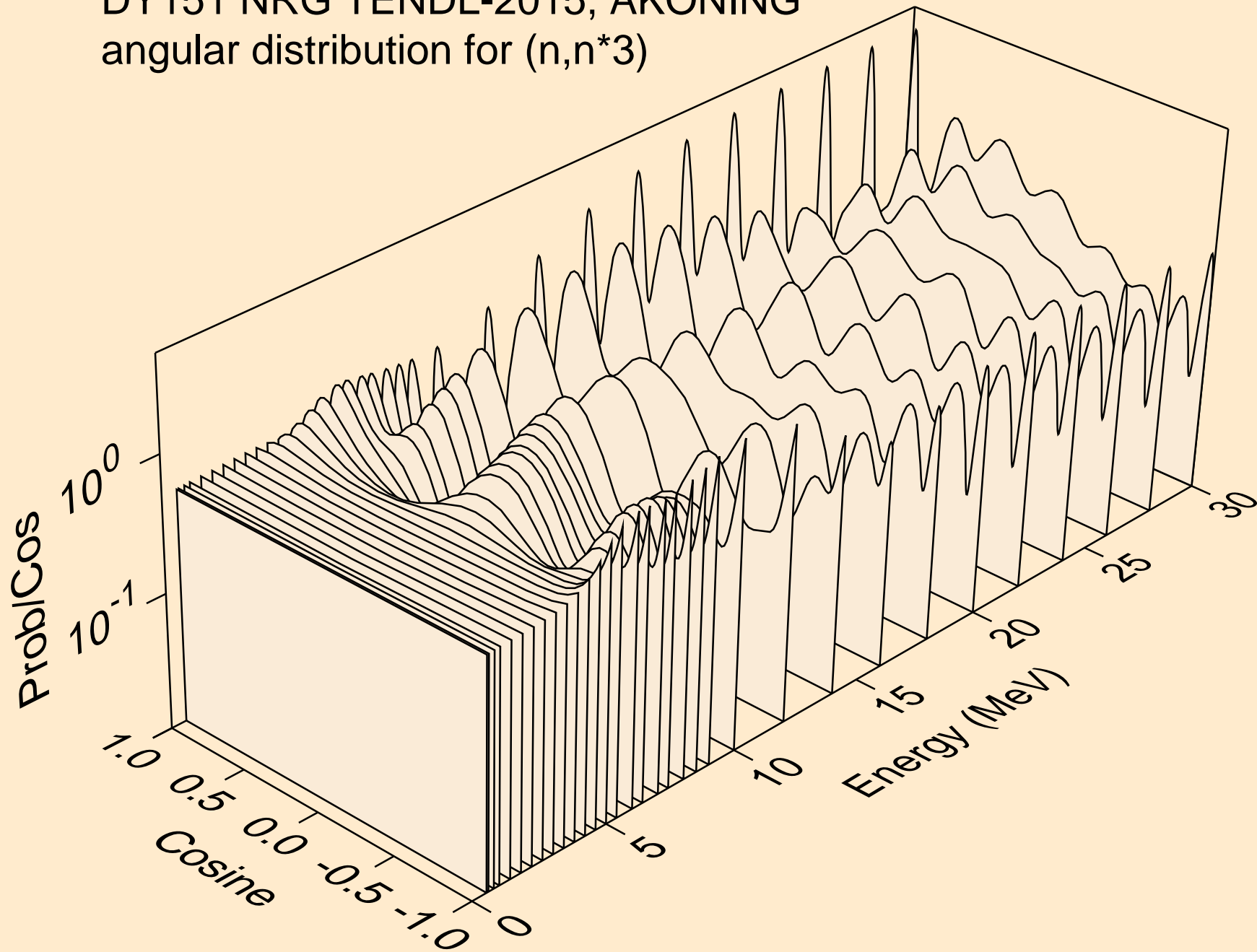
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



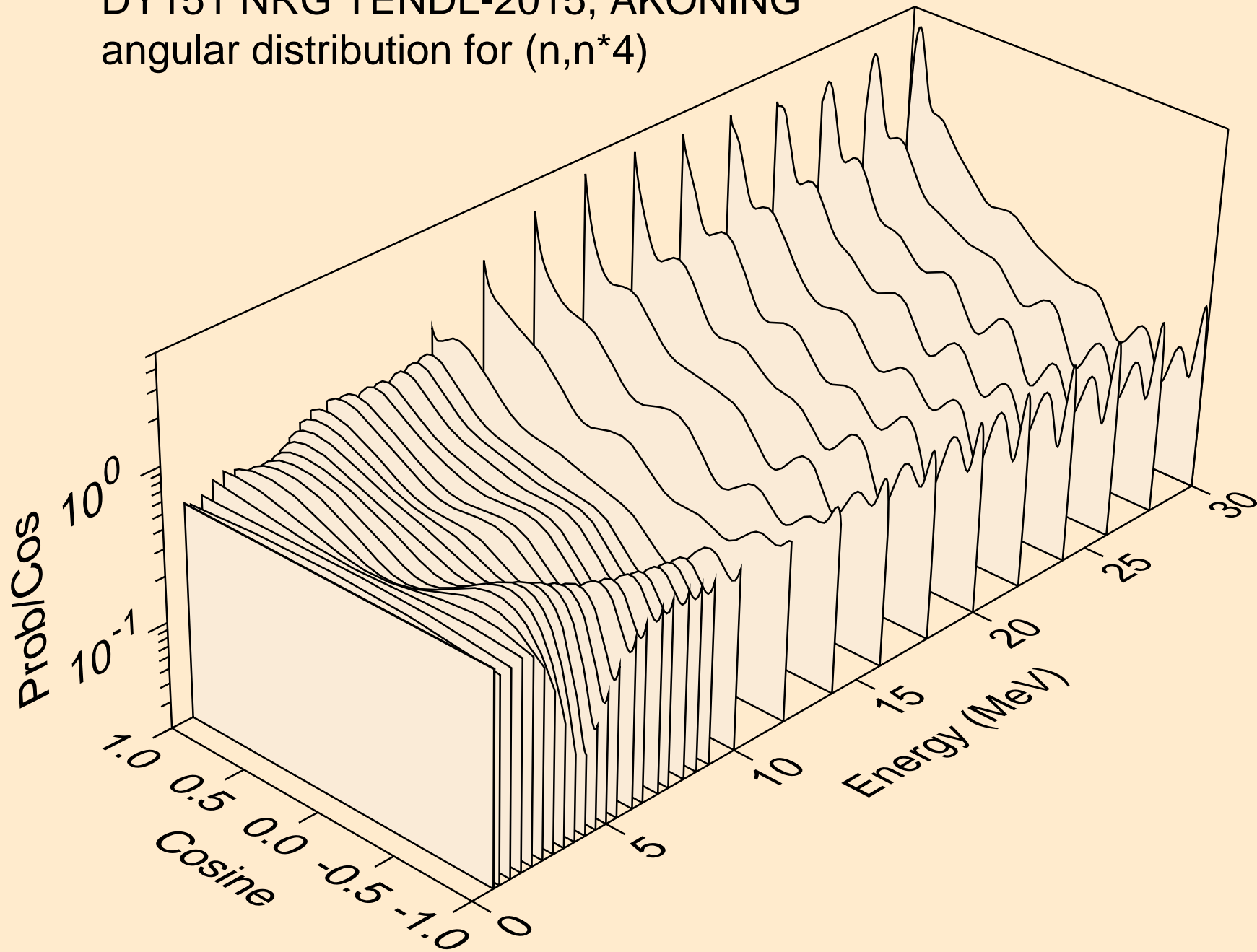
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



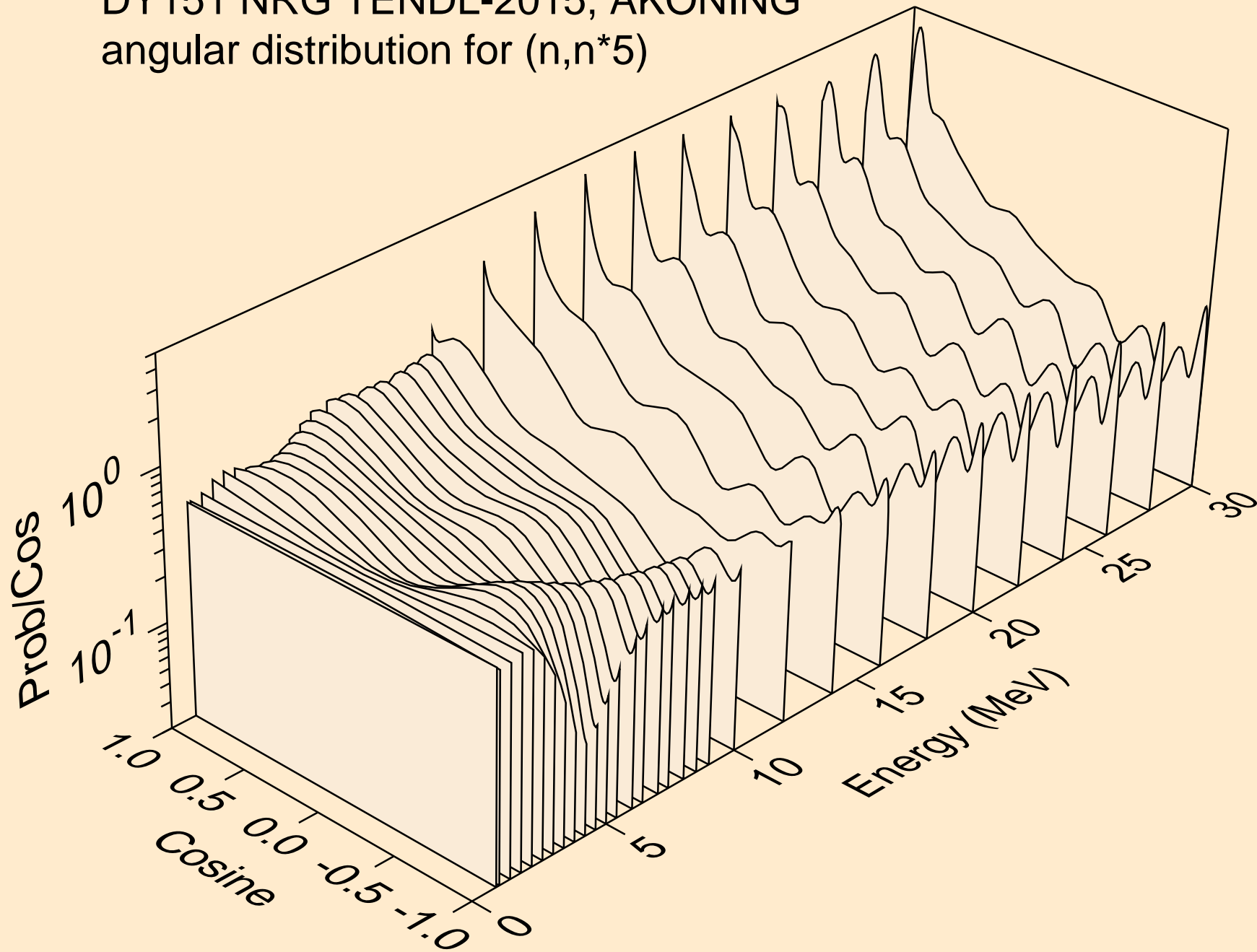
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



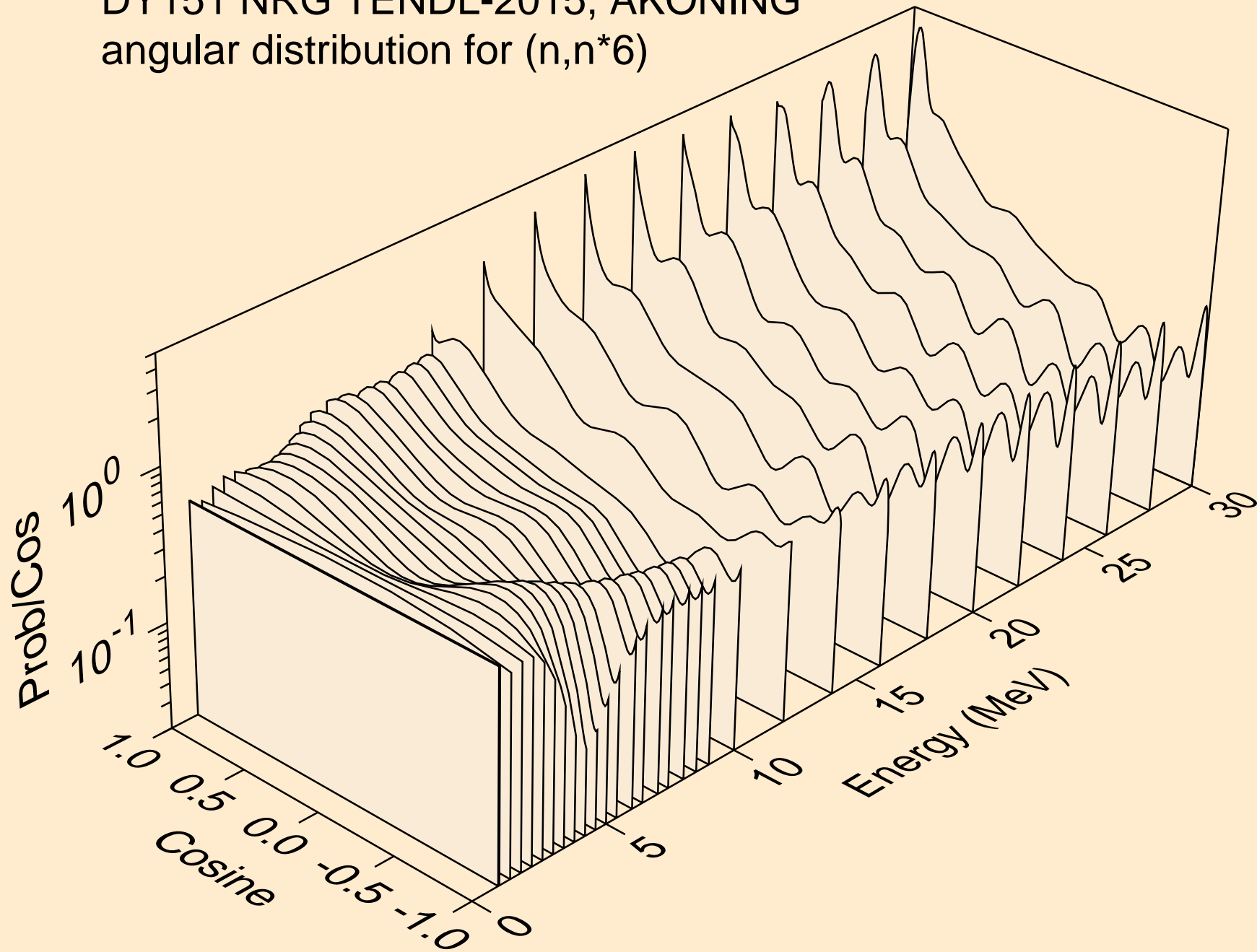
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

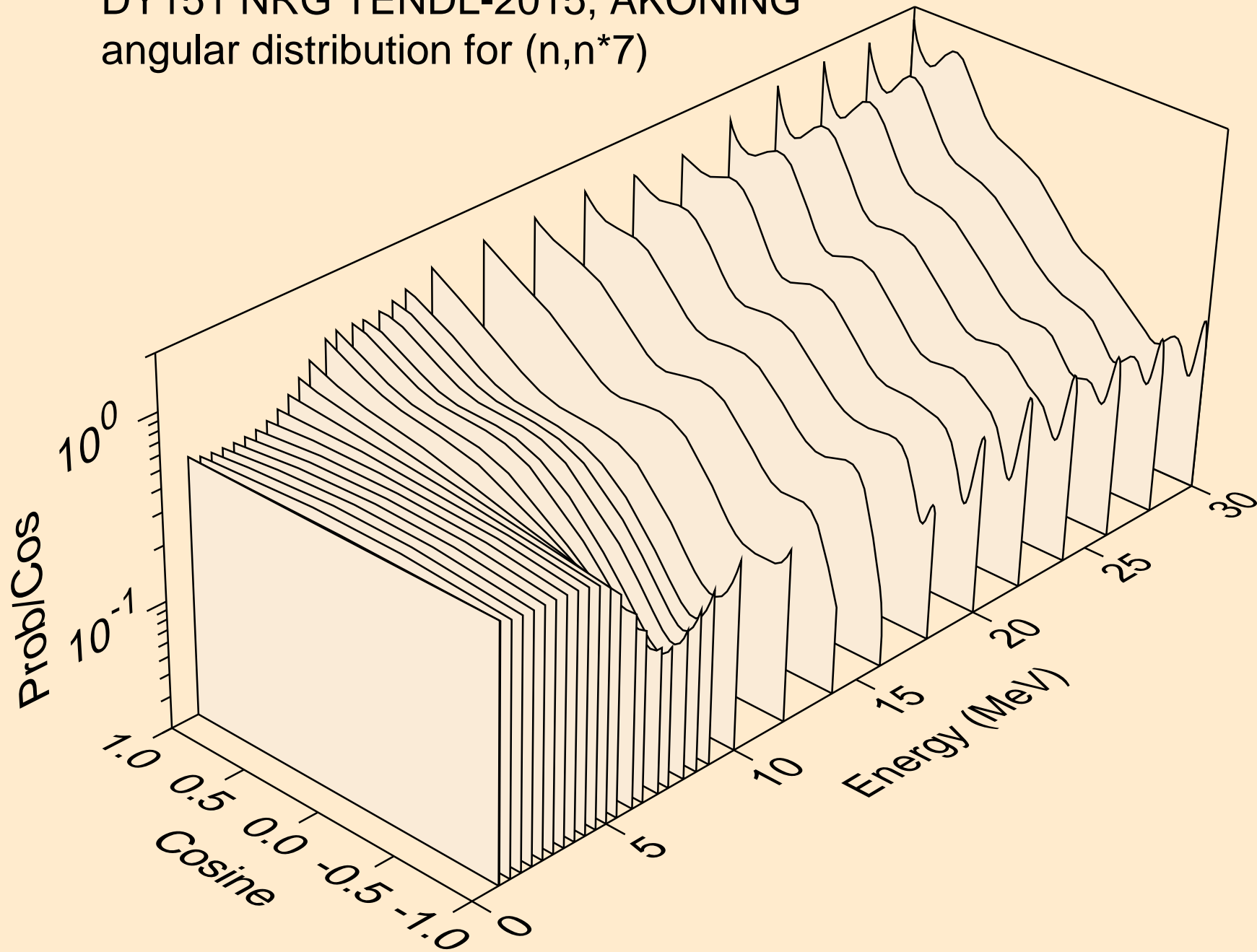


DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

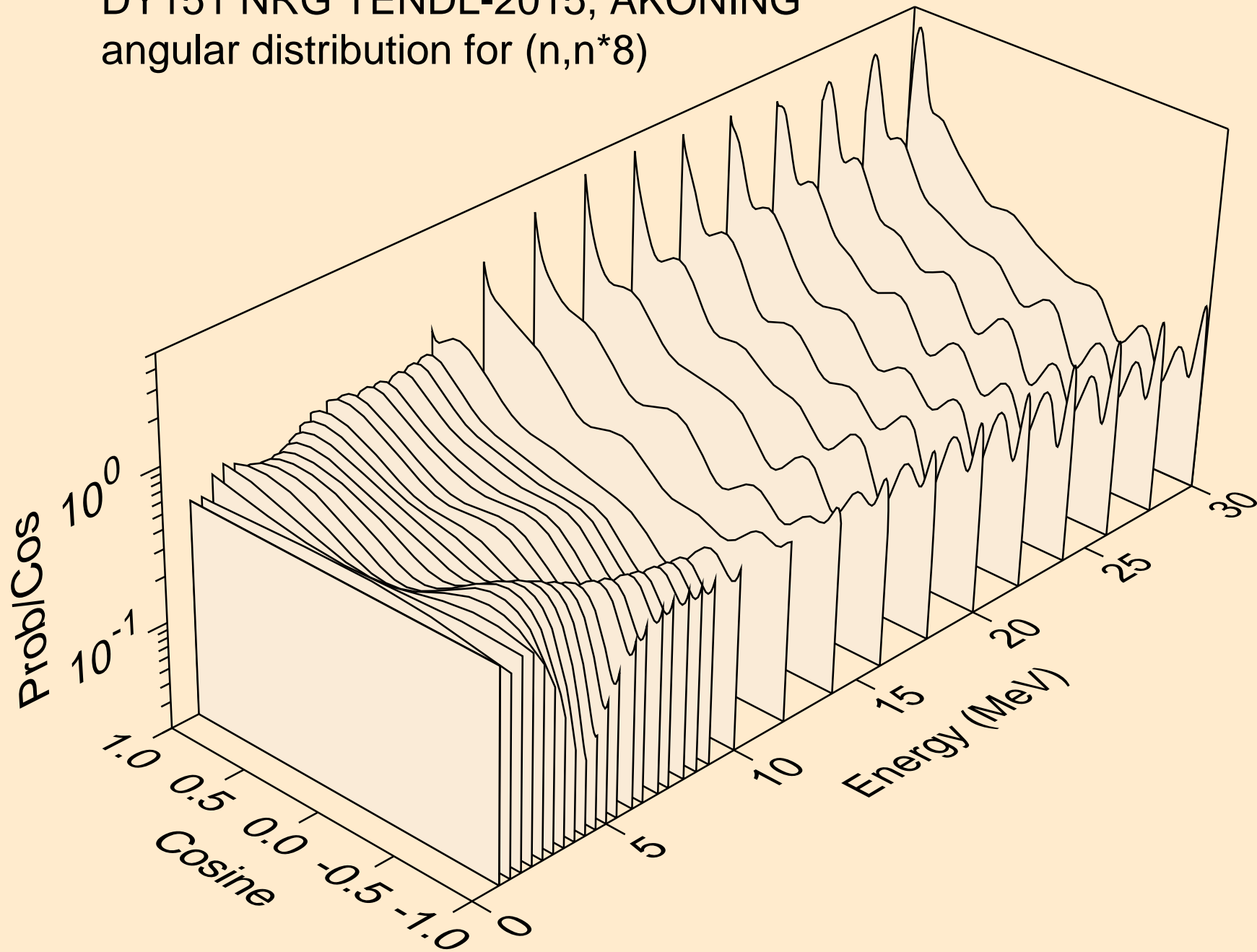




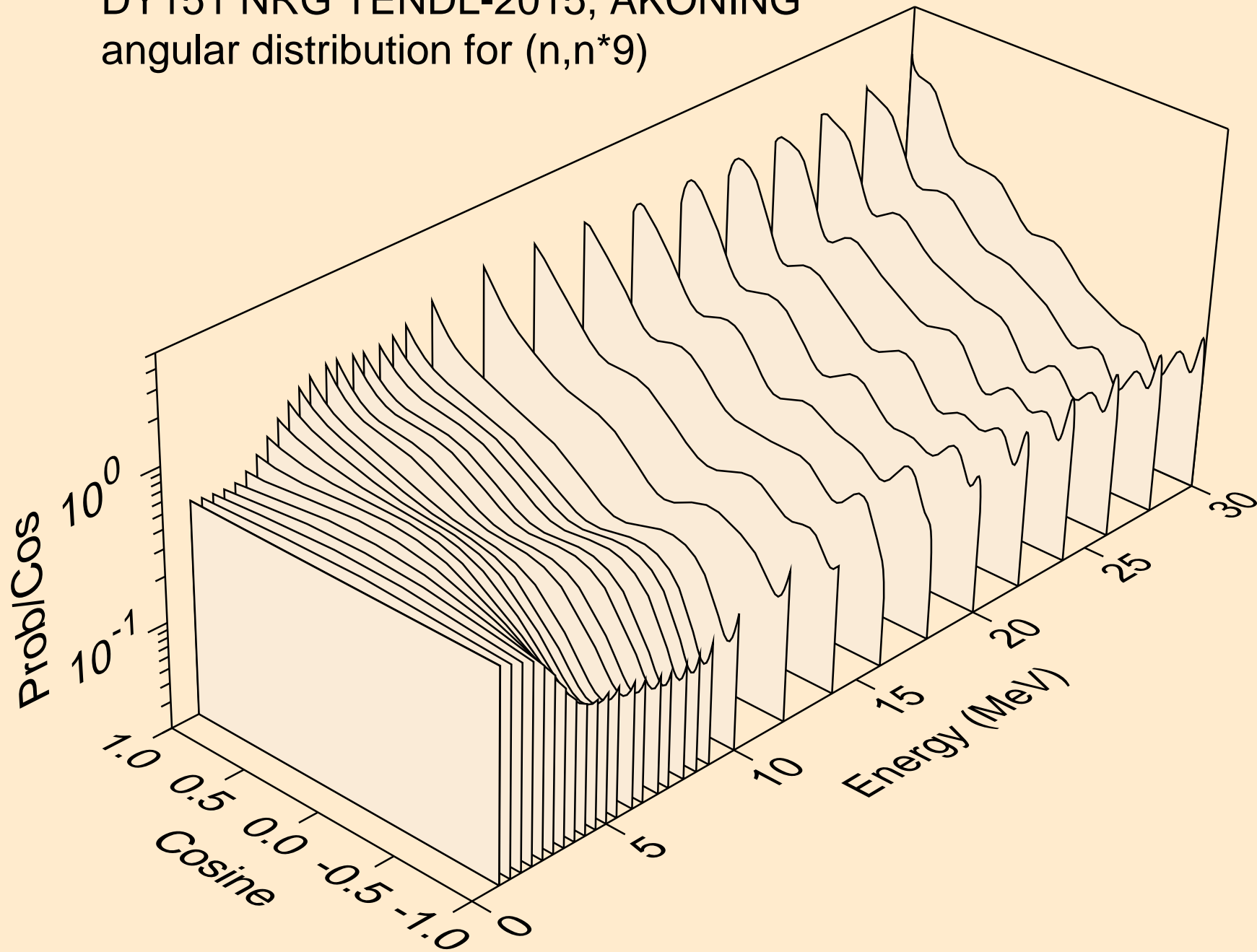
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



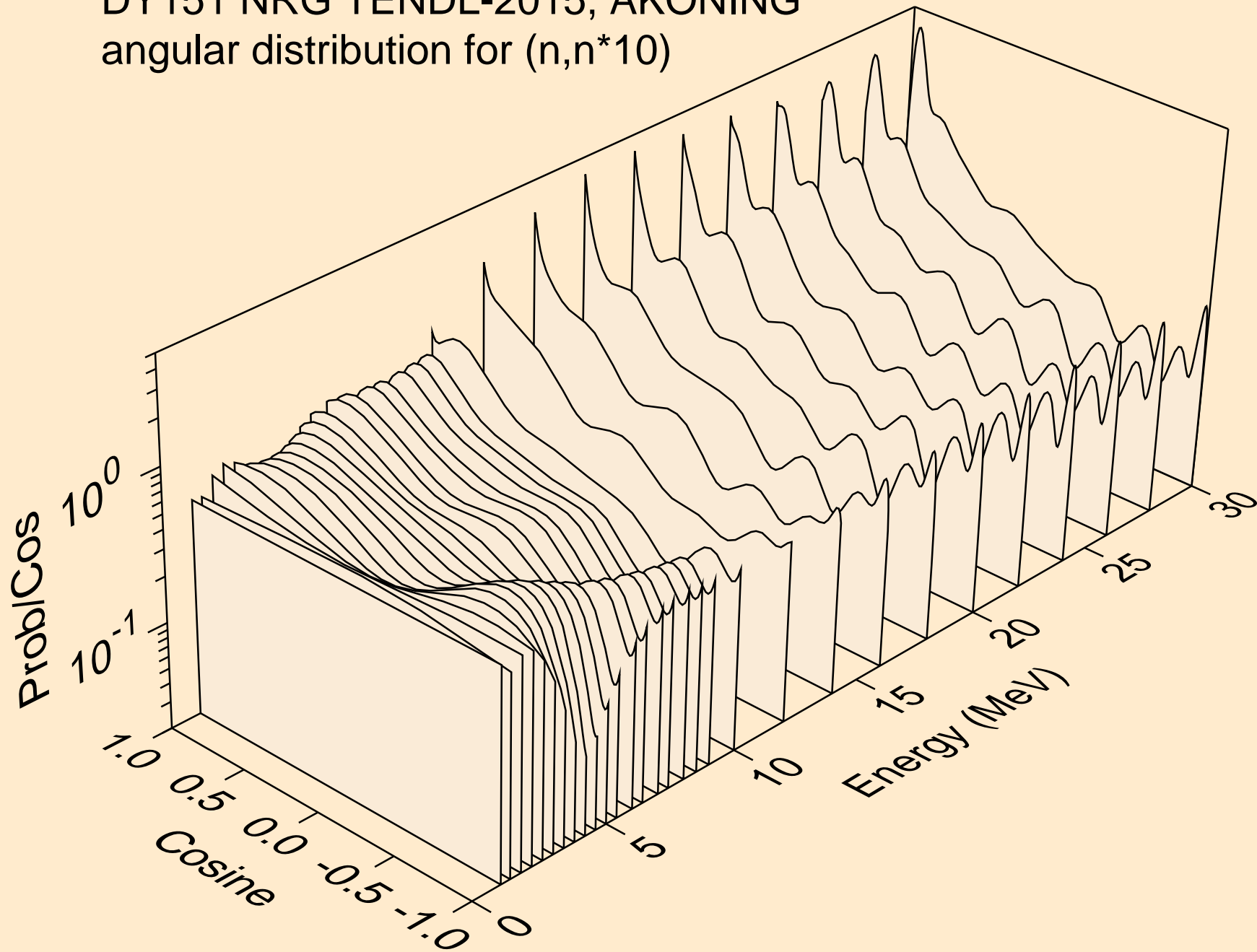
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



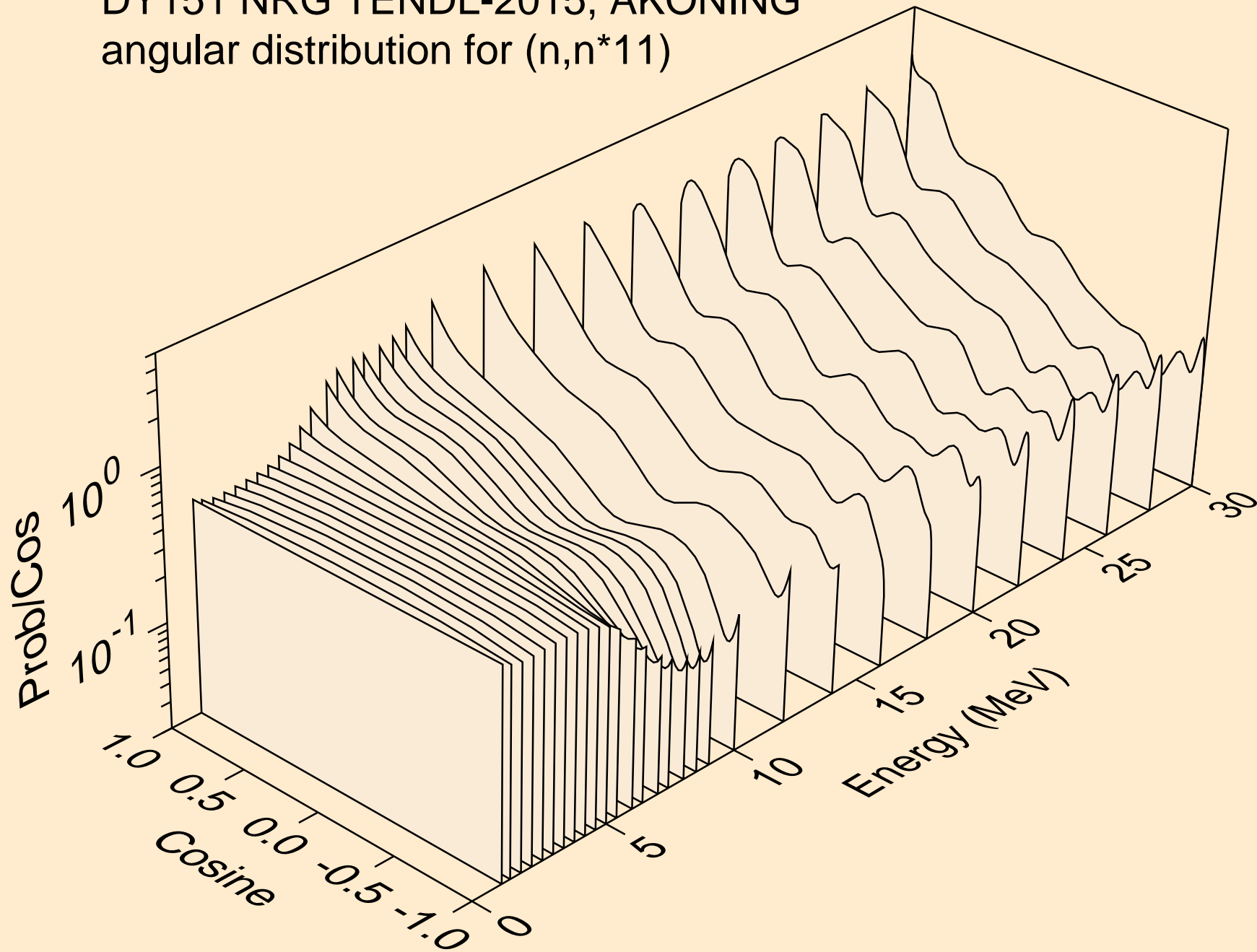
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



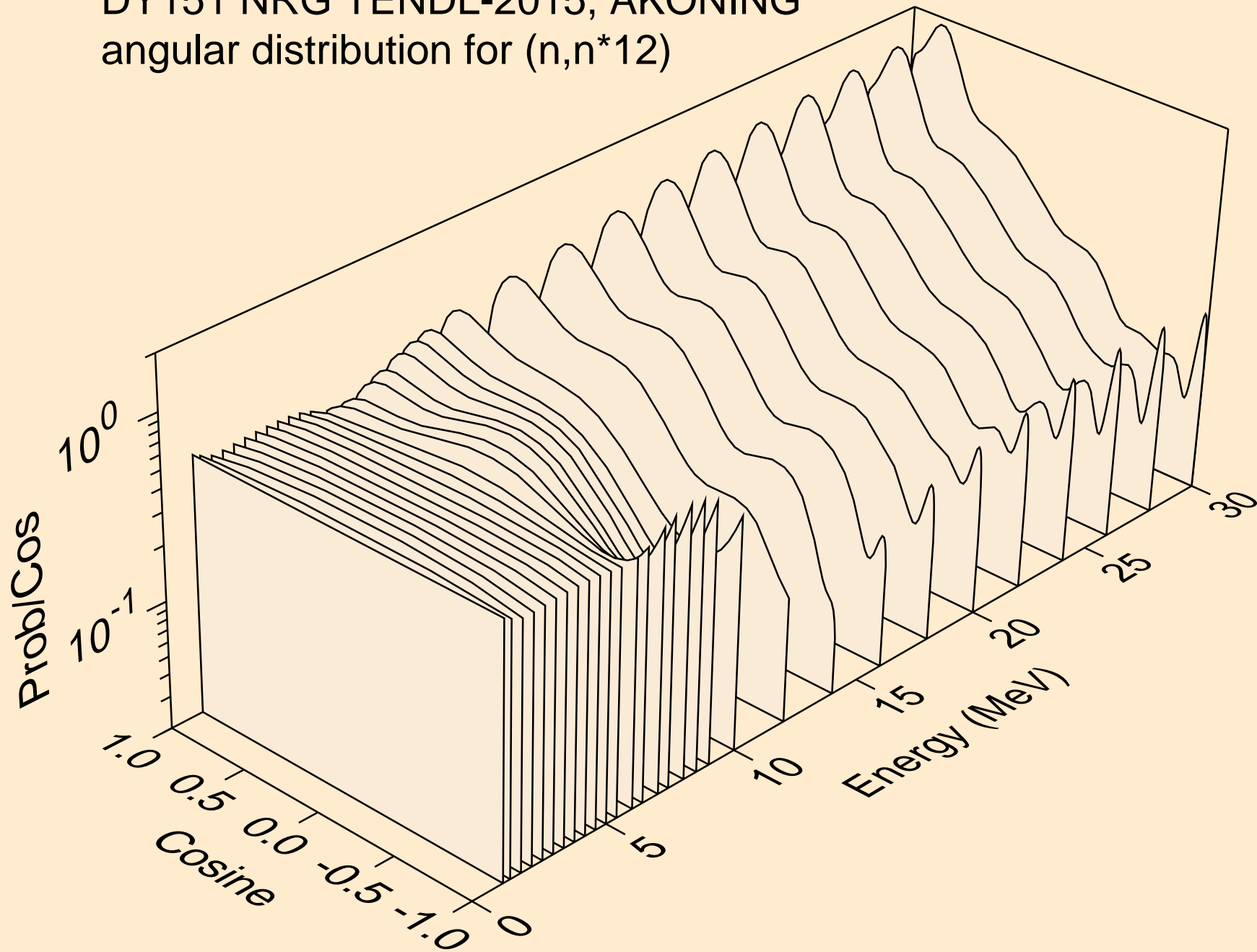
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



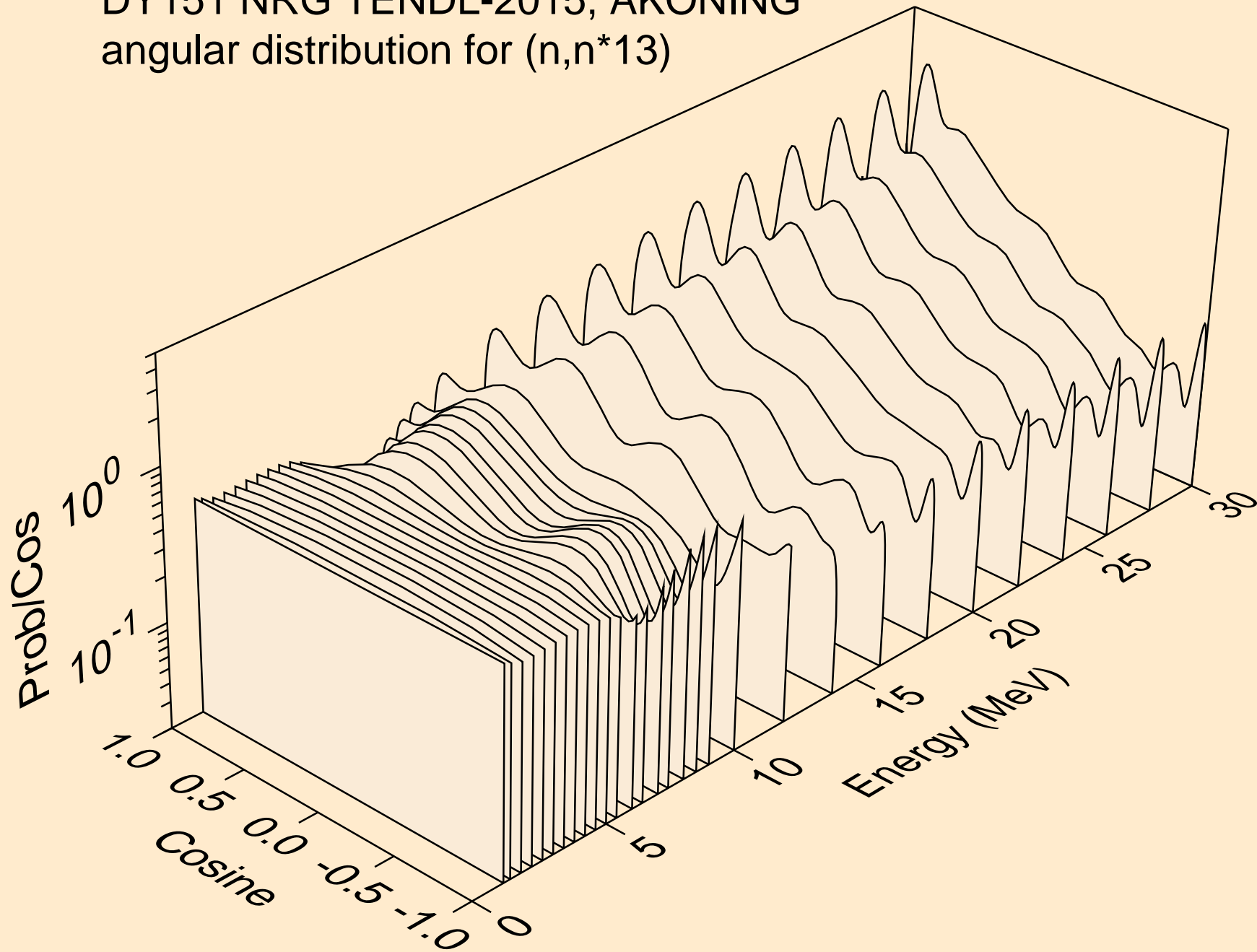
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



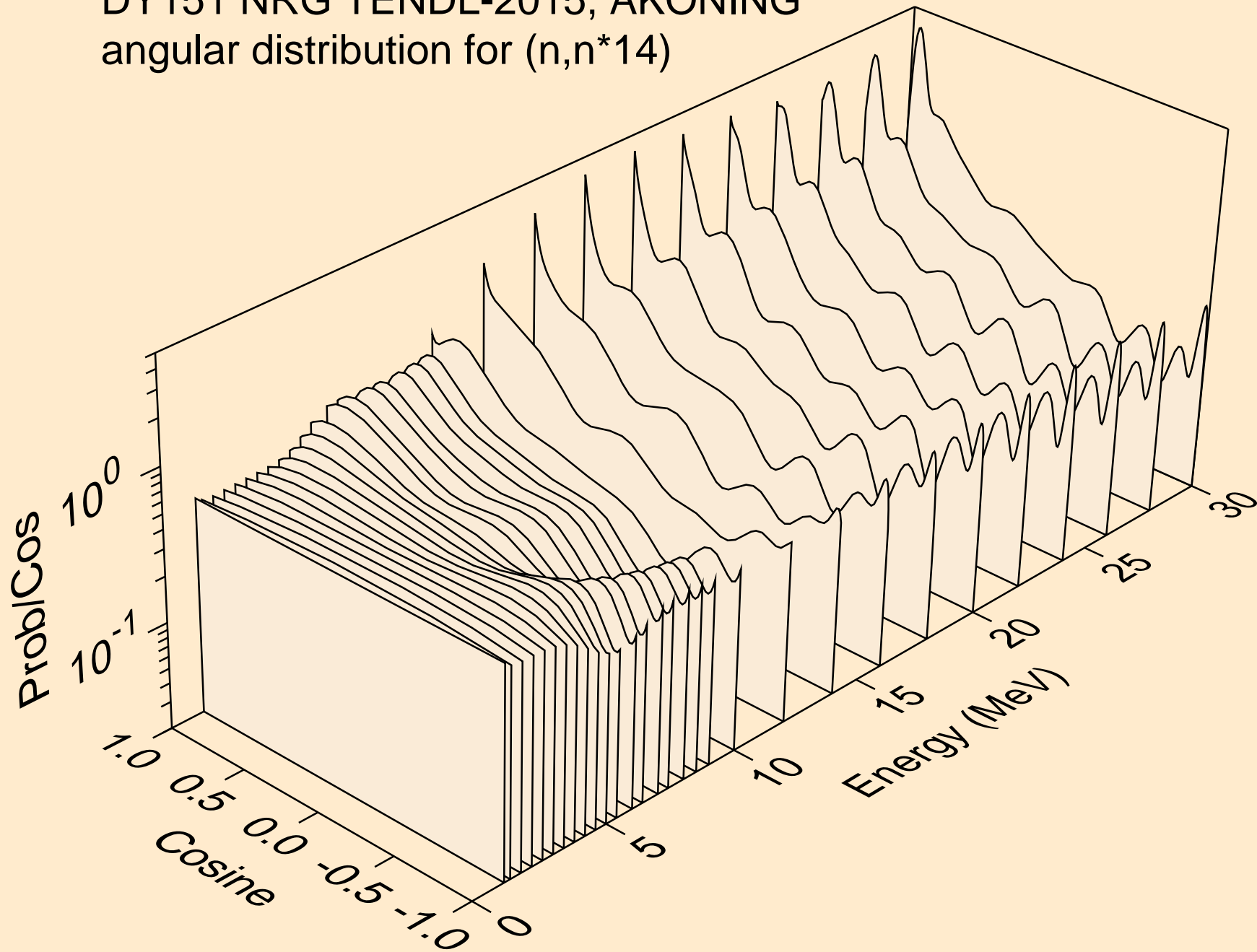
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

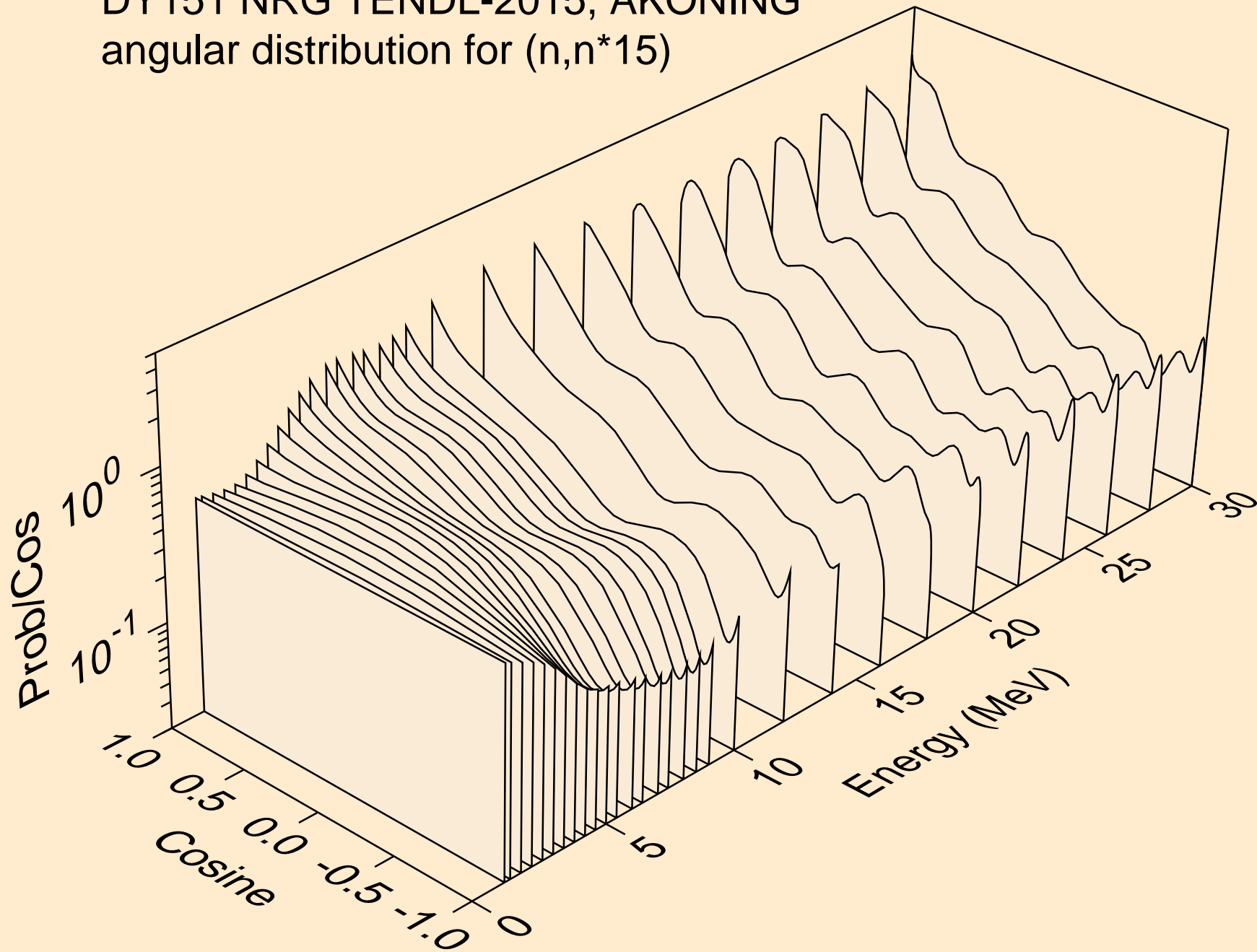


DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

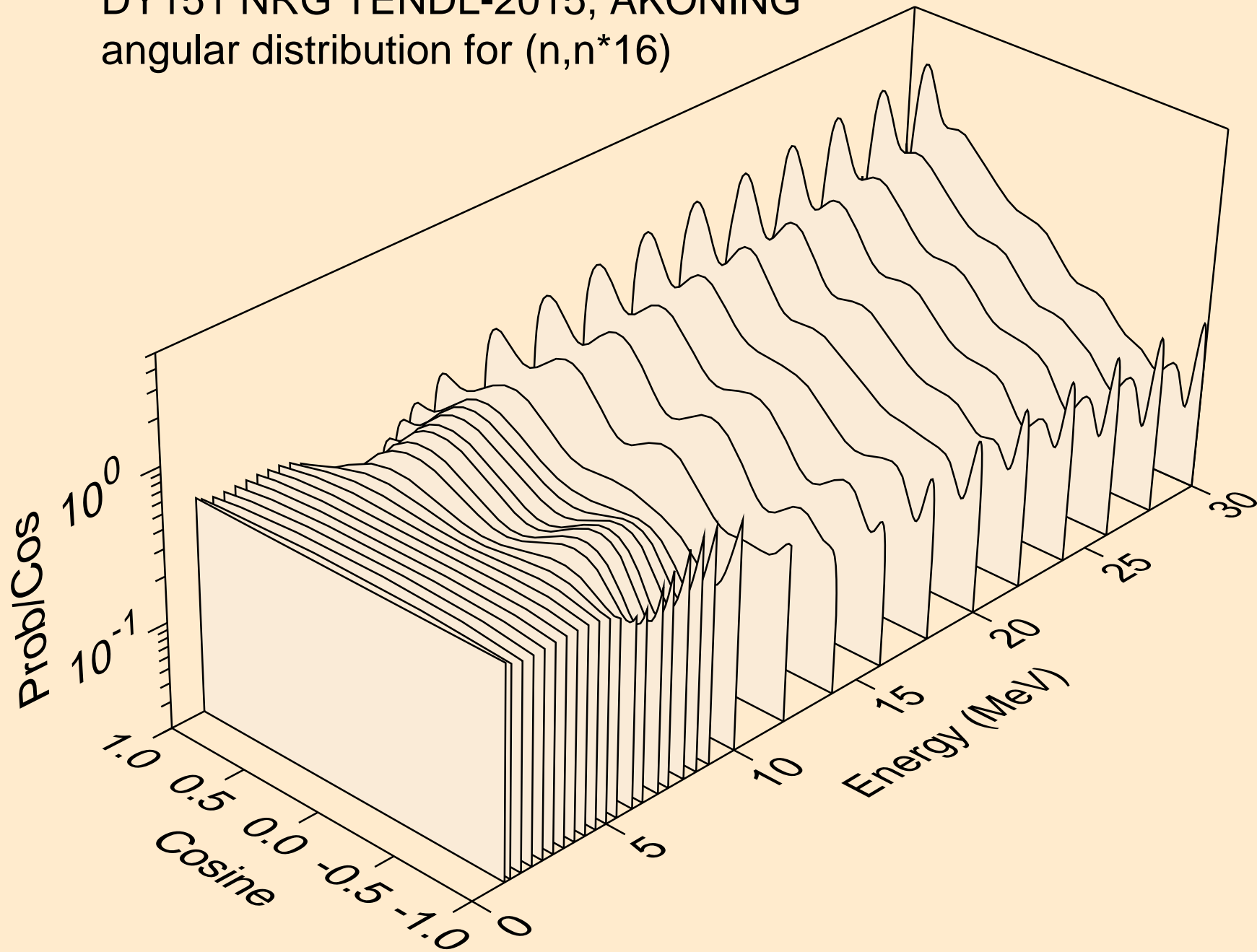




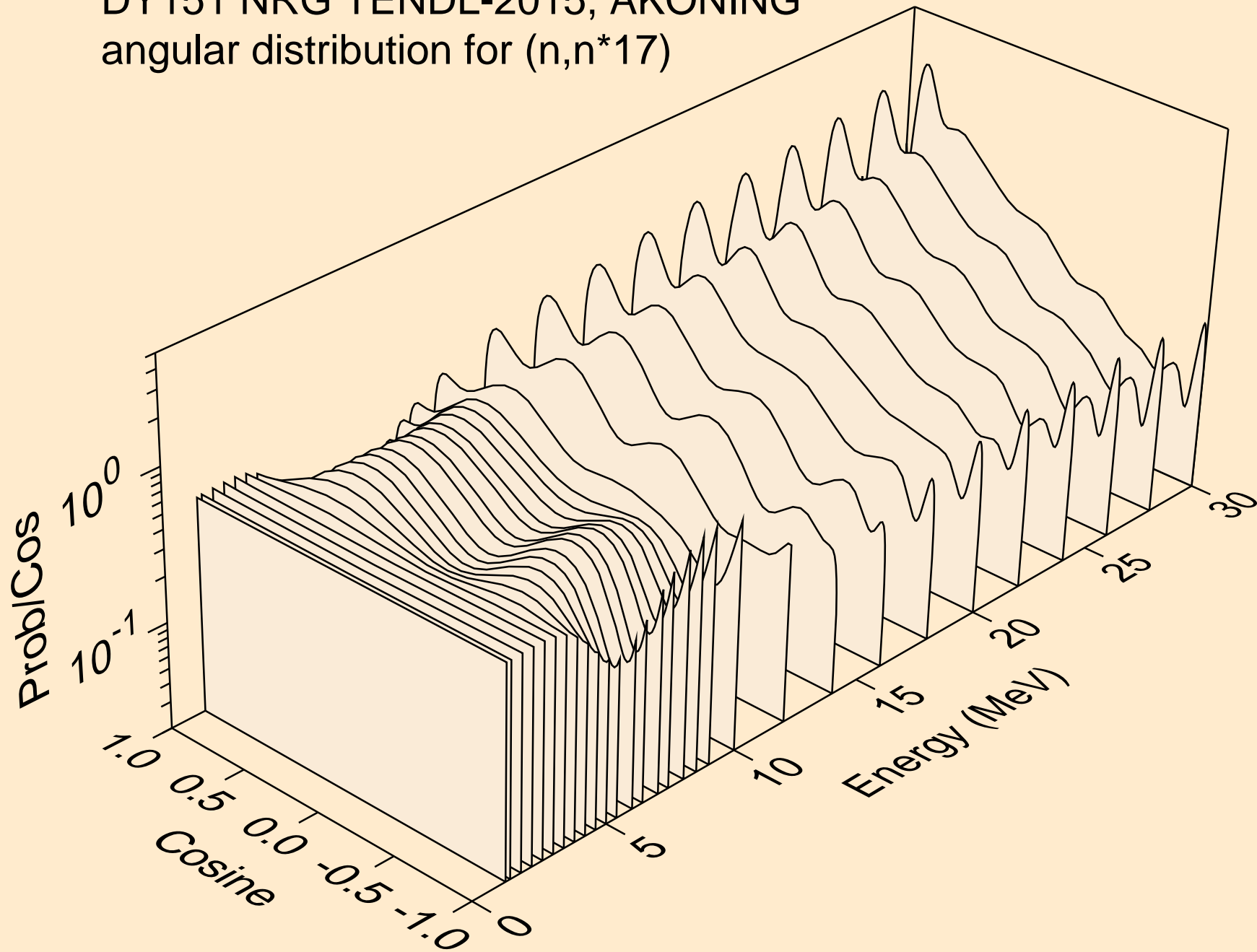
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



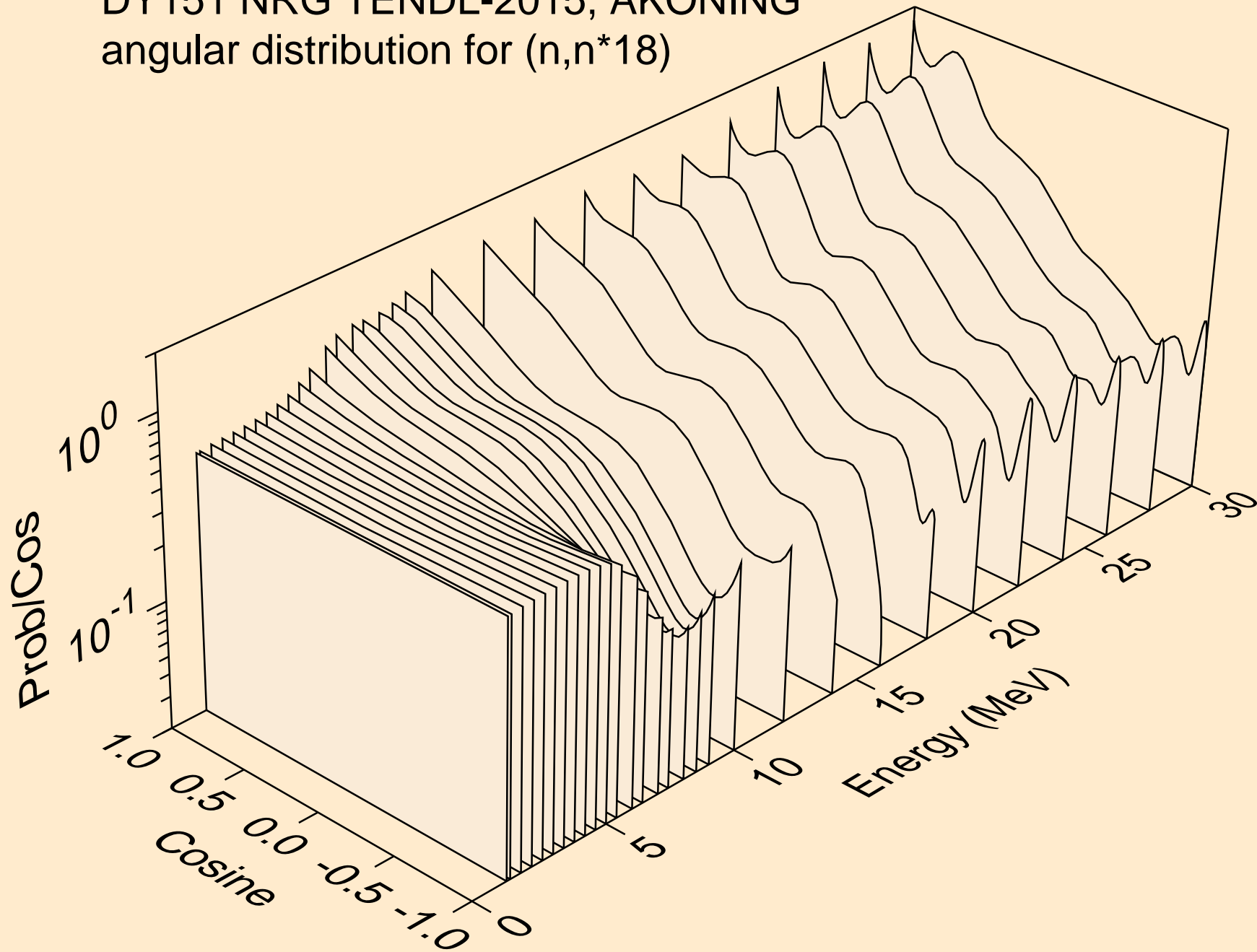
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



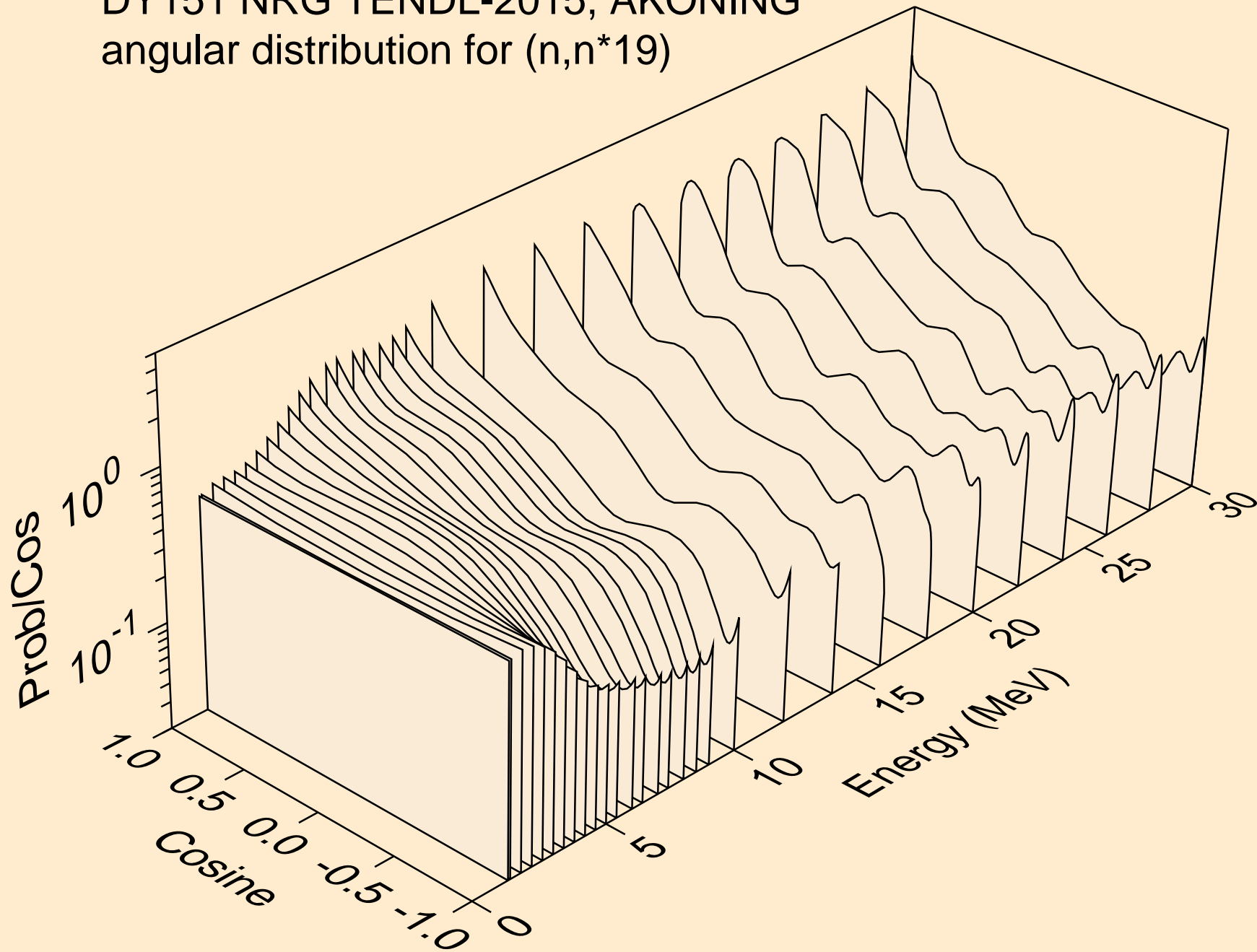
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



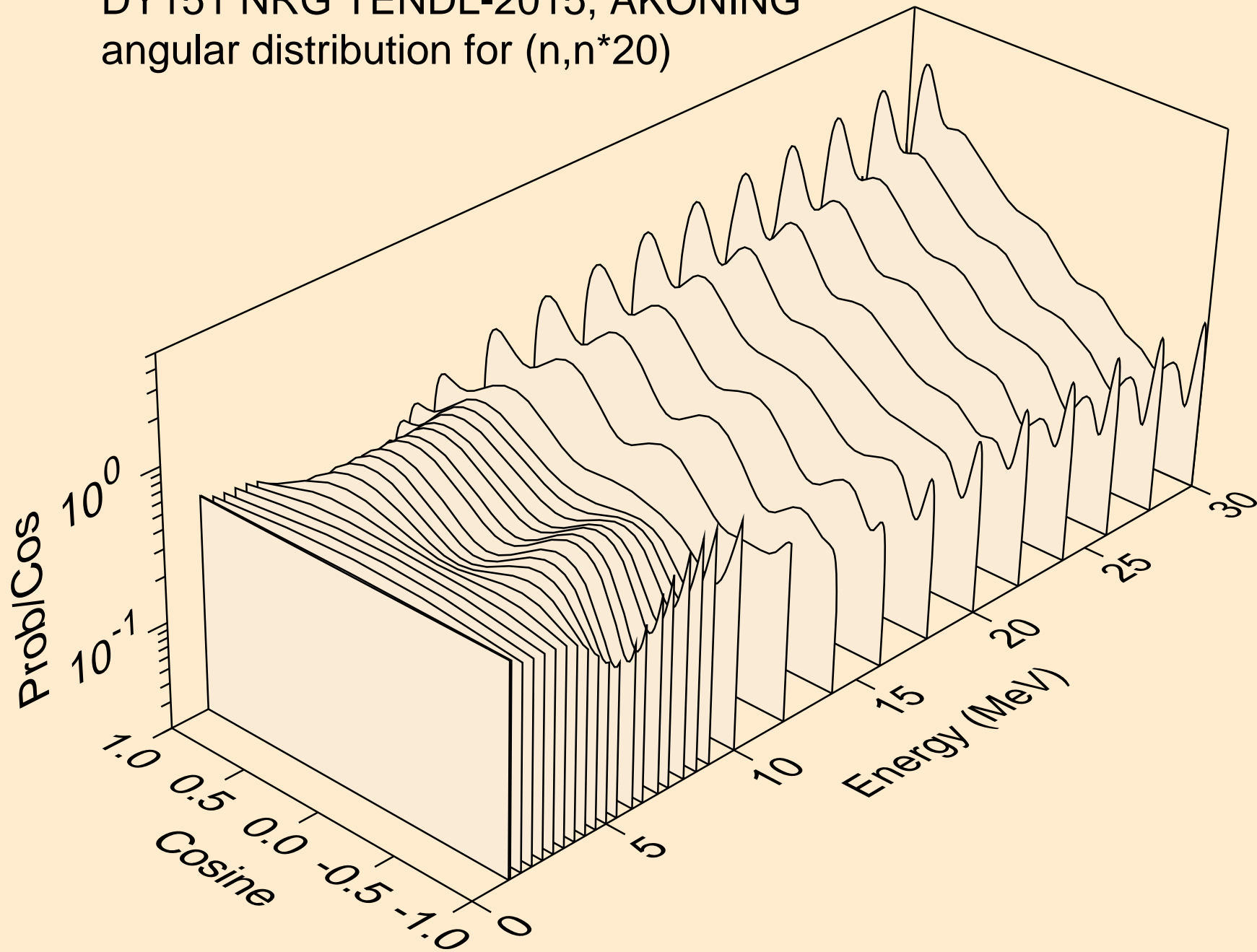
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



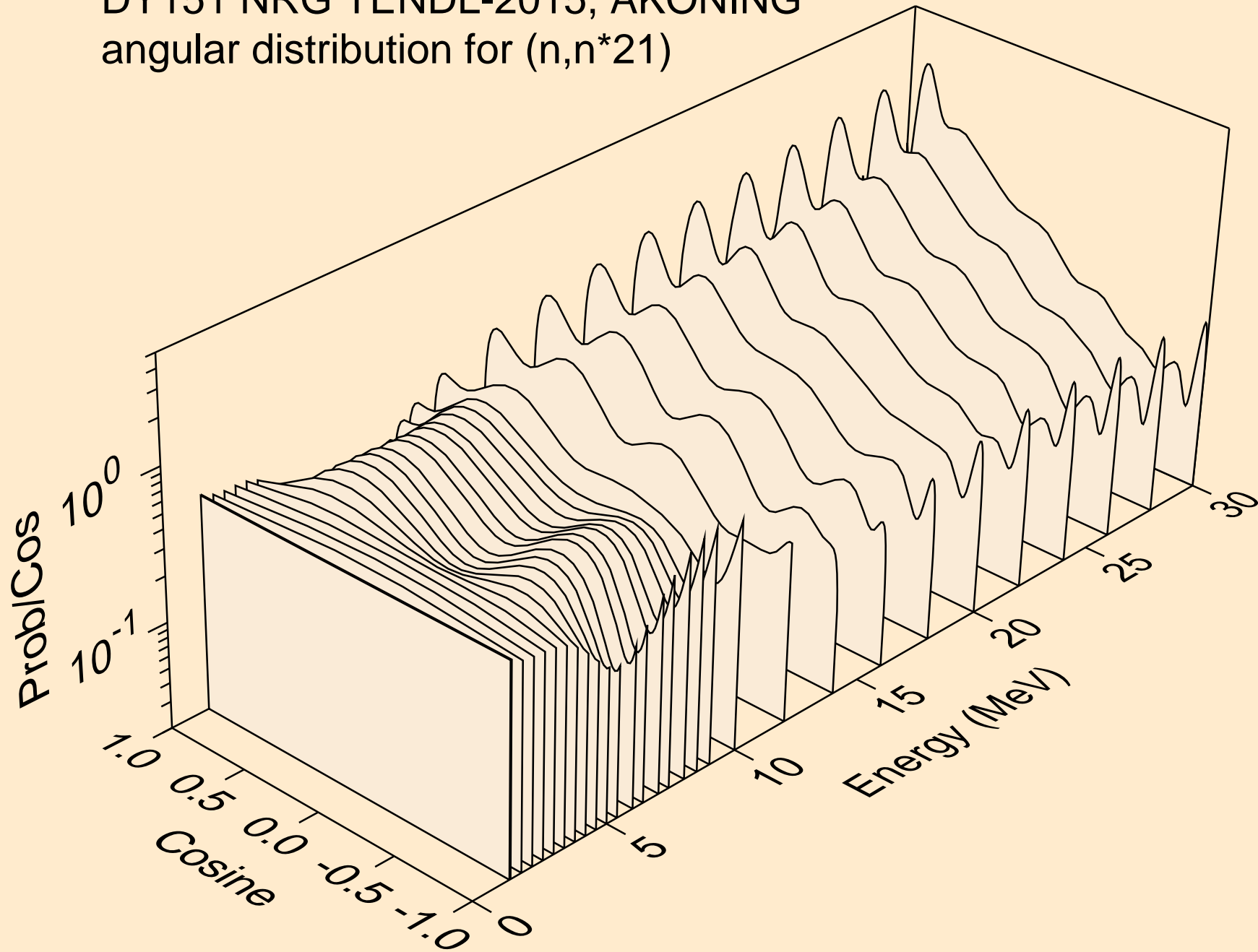
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



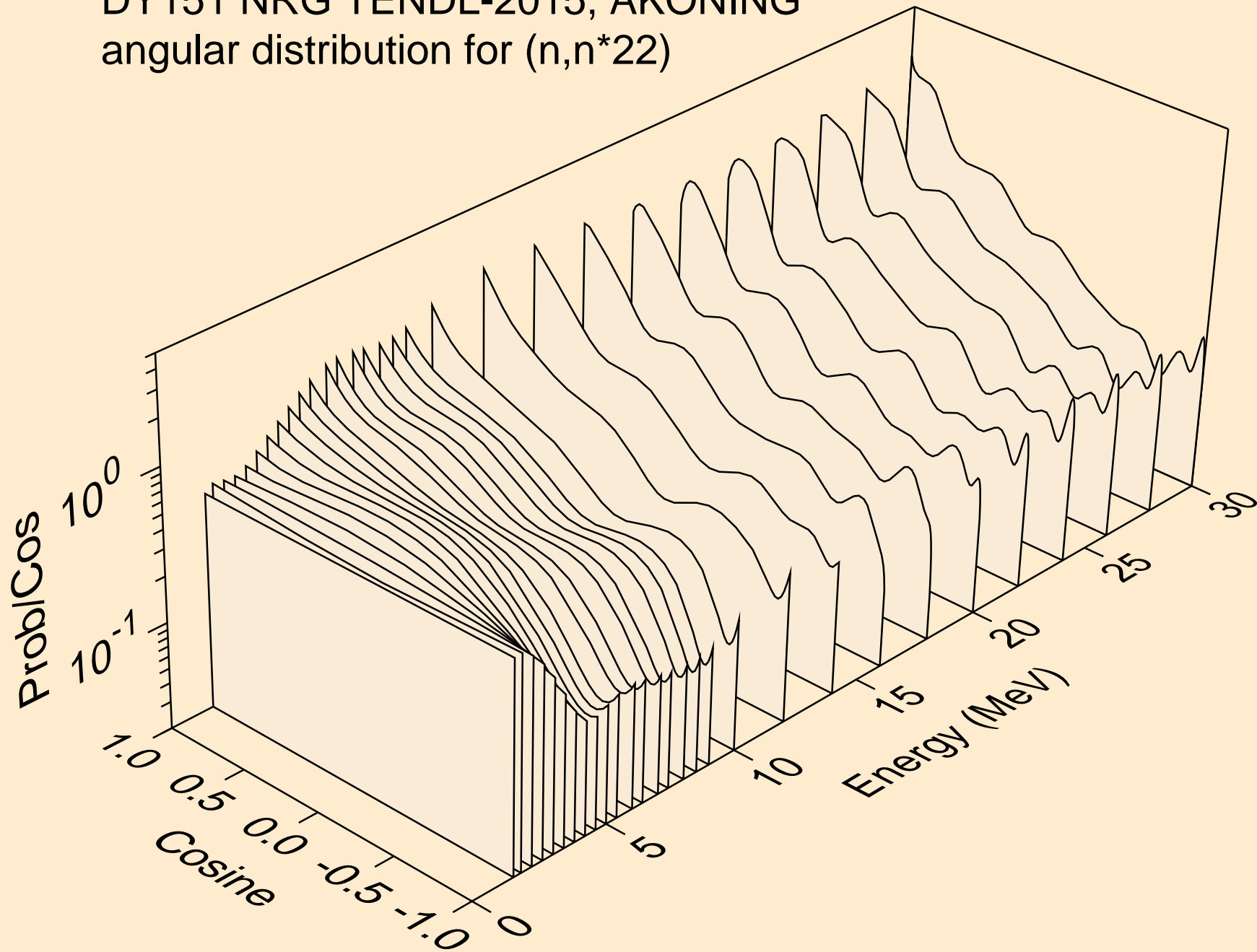
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

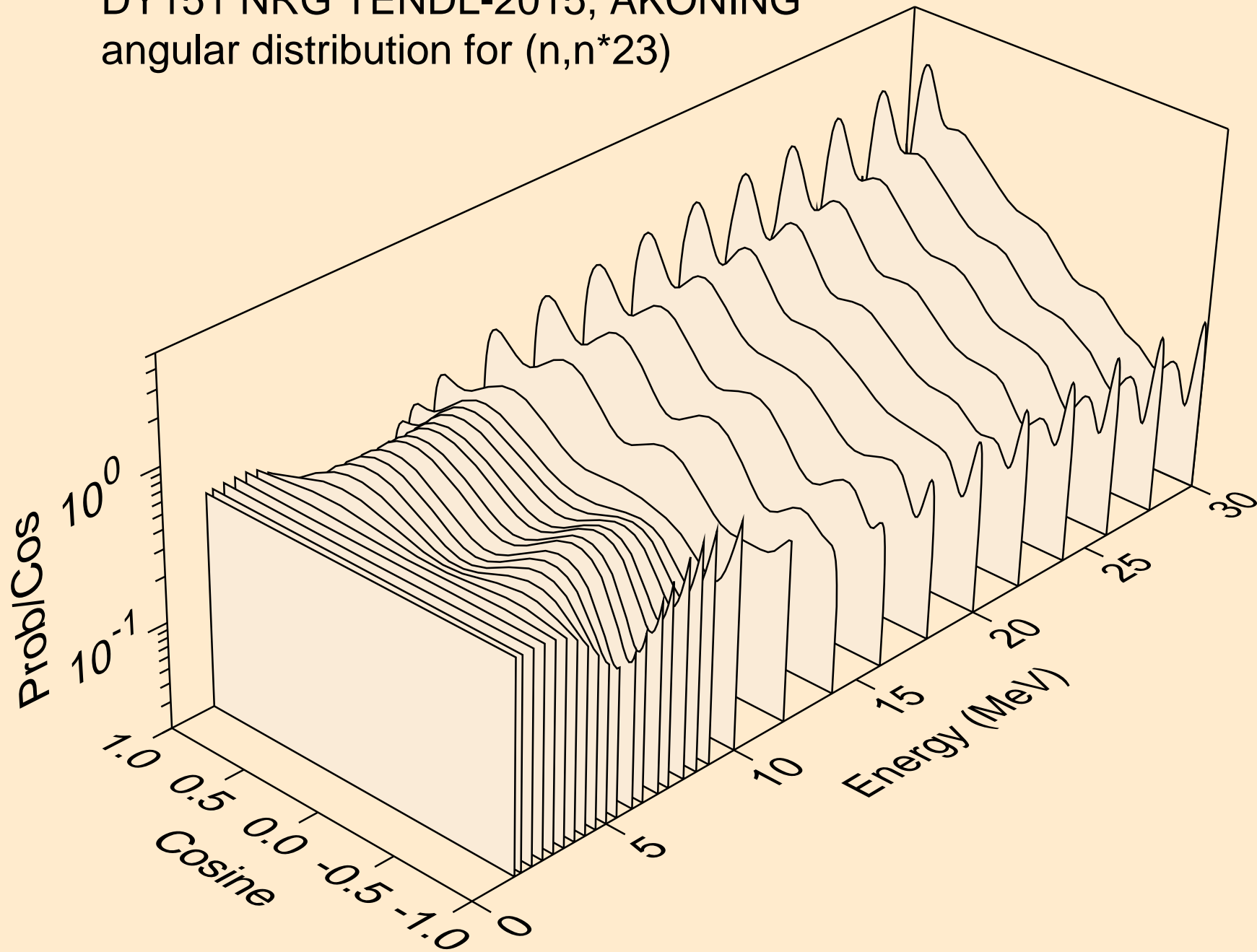


DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

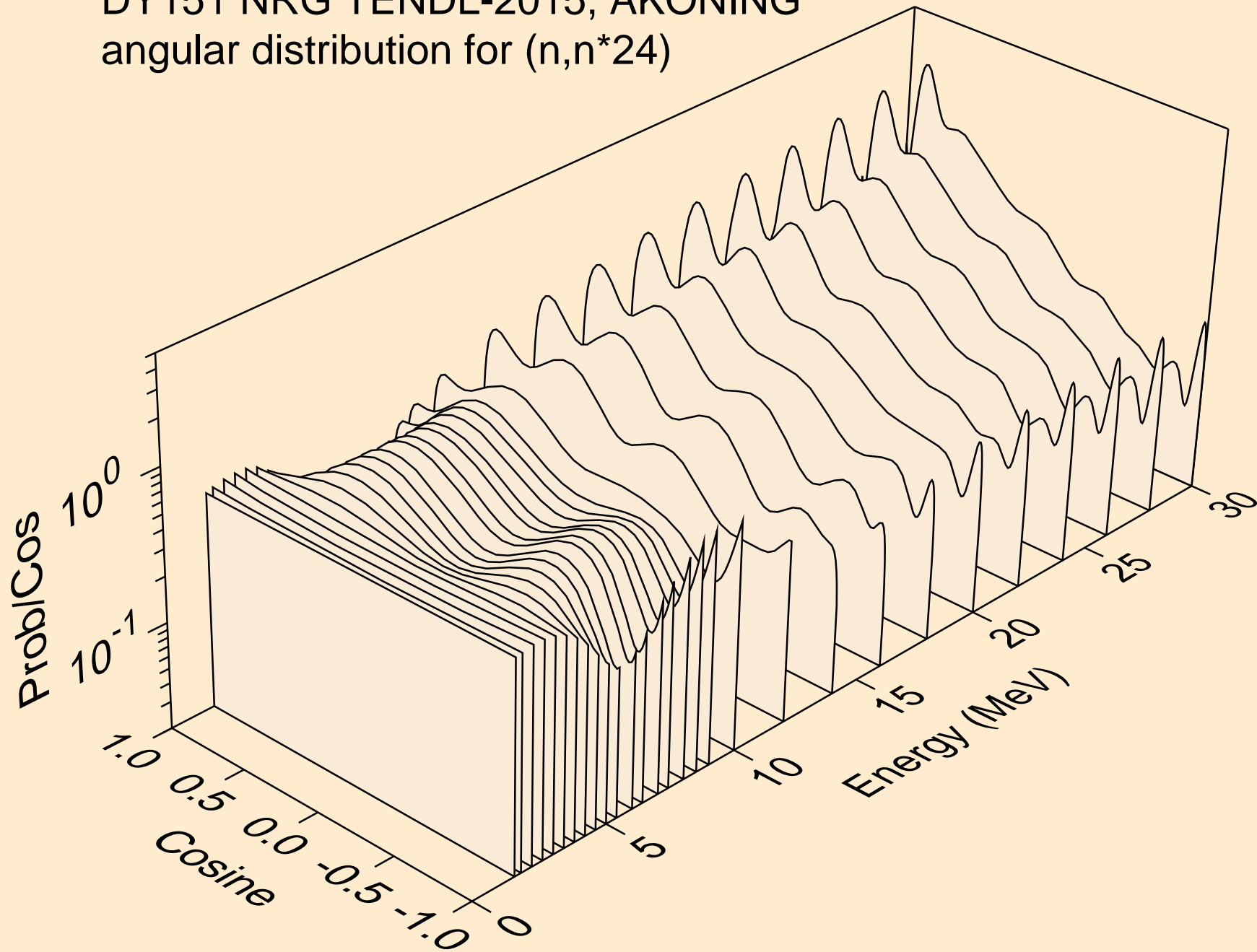




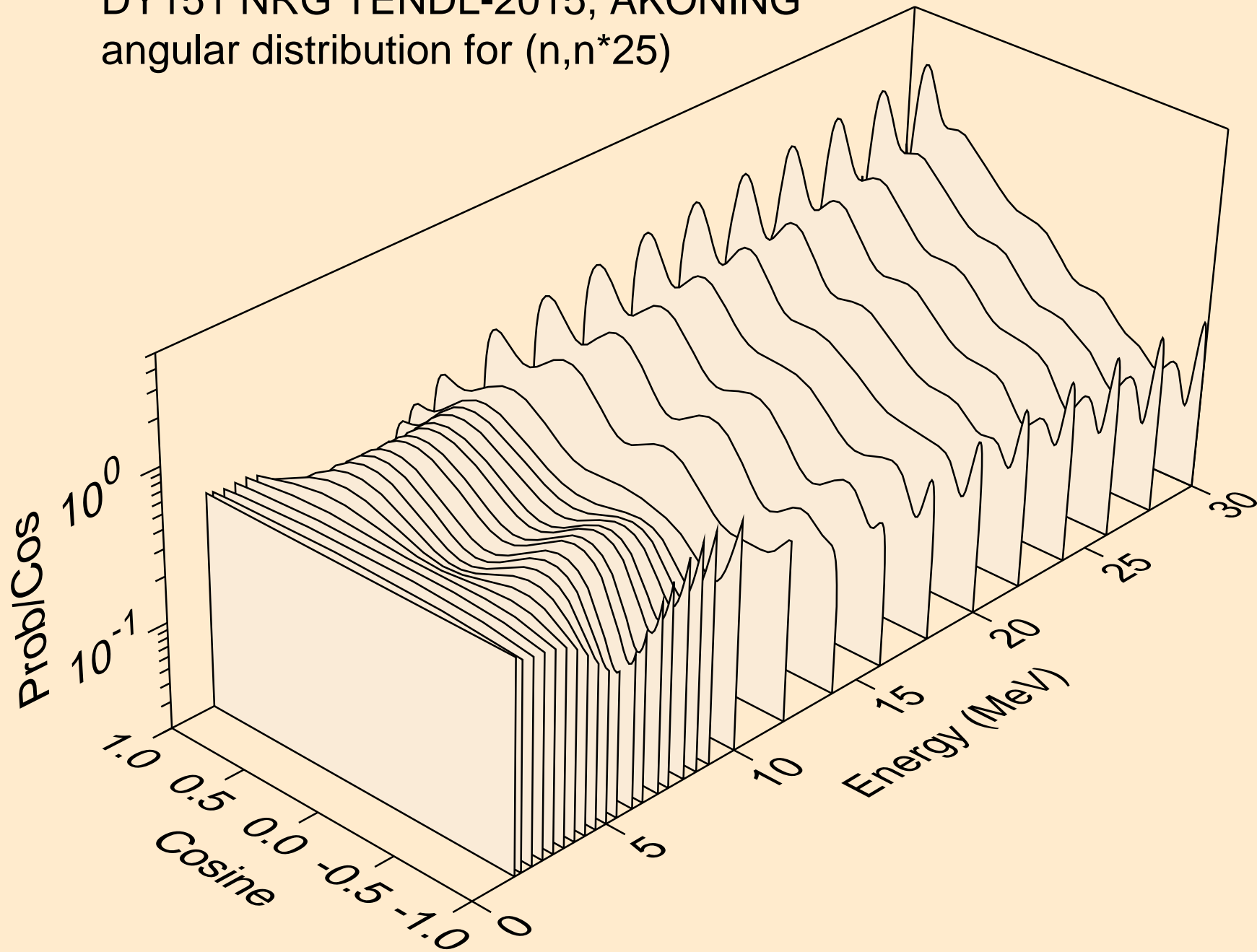
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



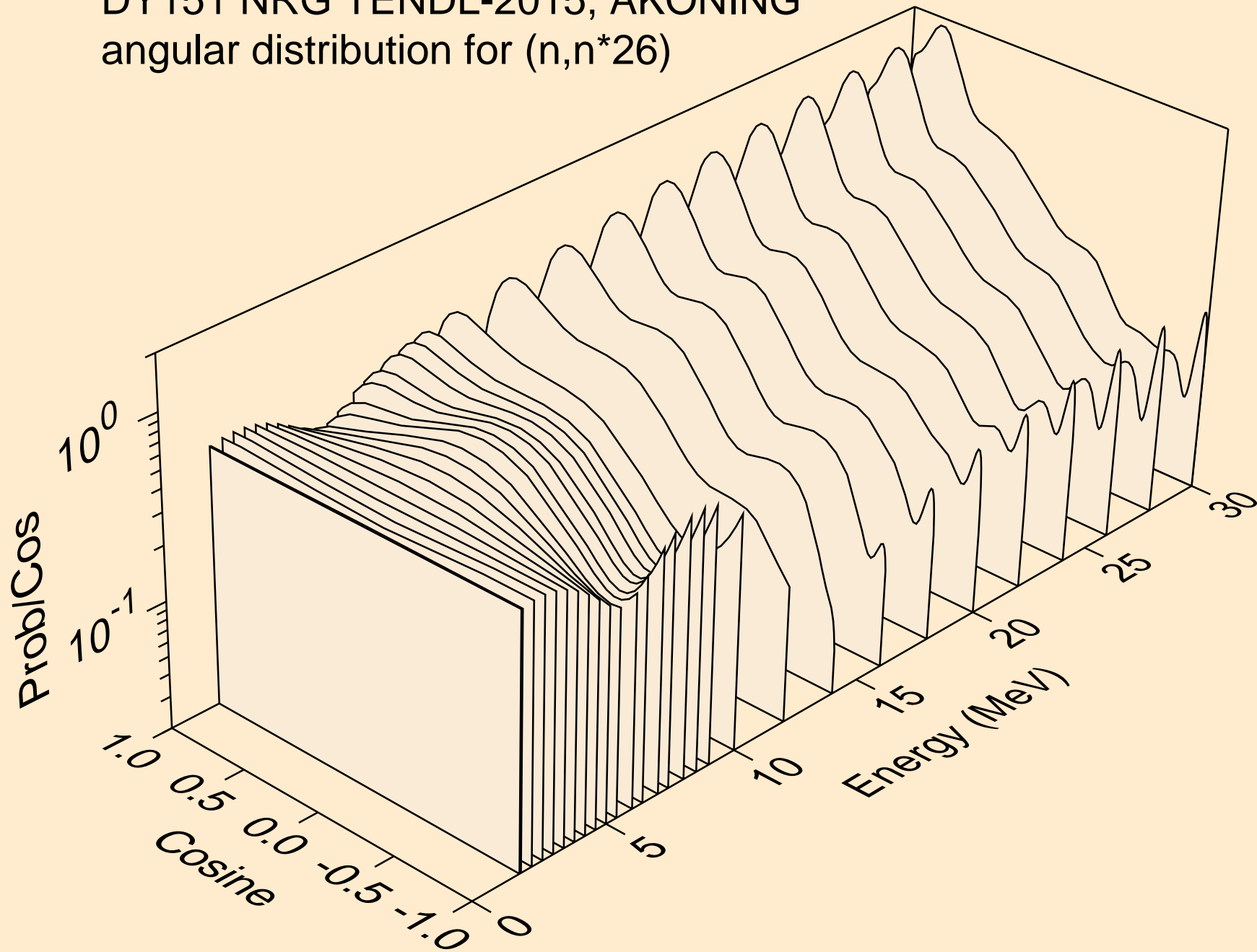
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



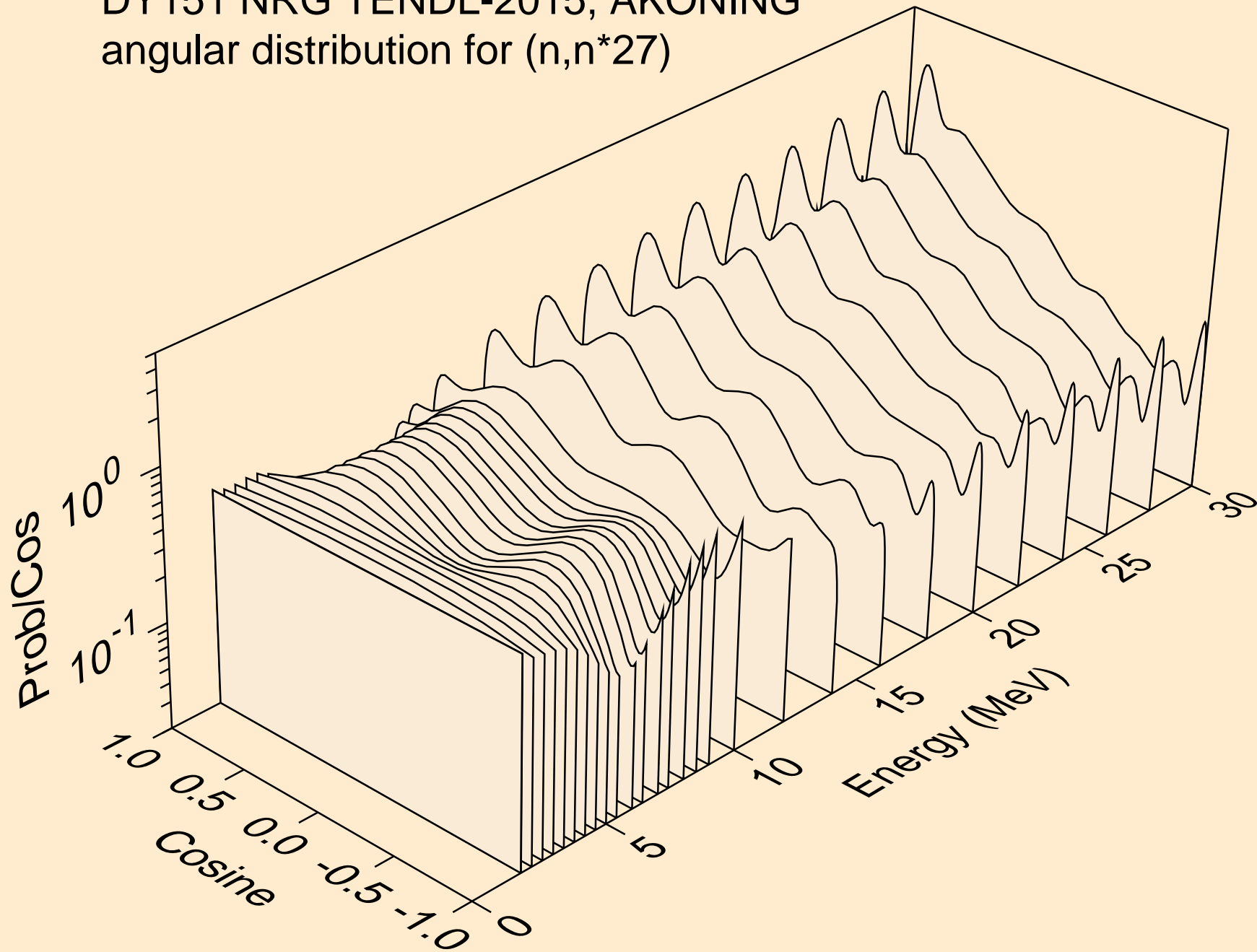
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



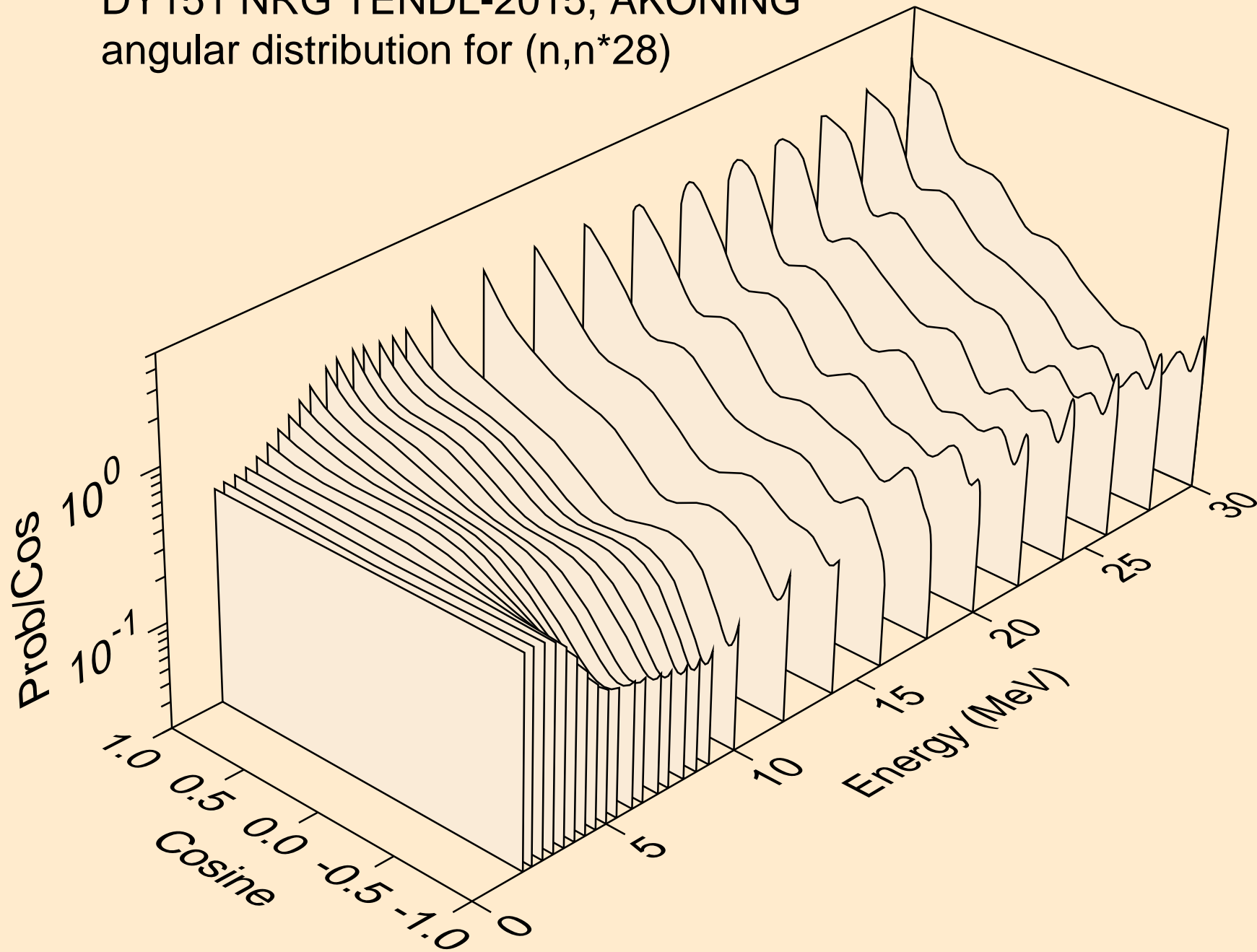
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



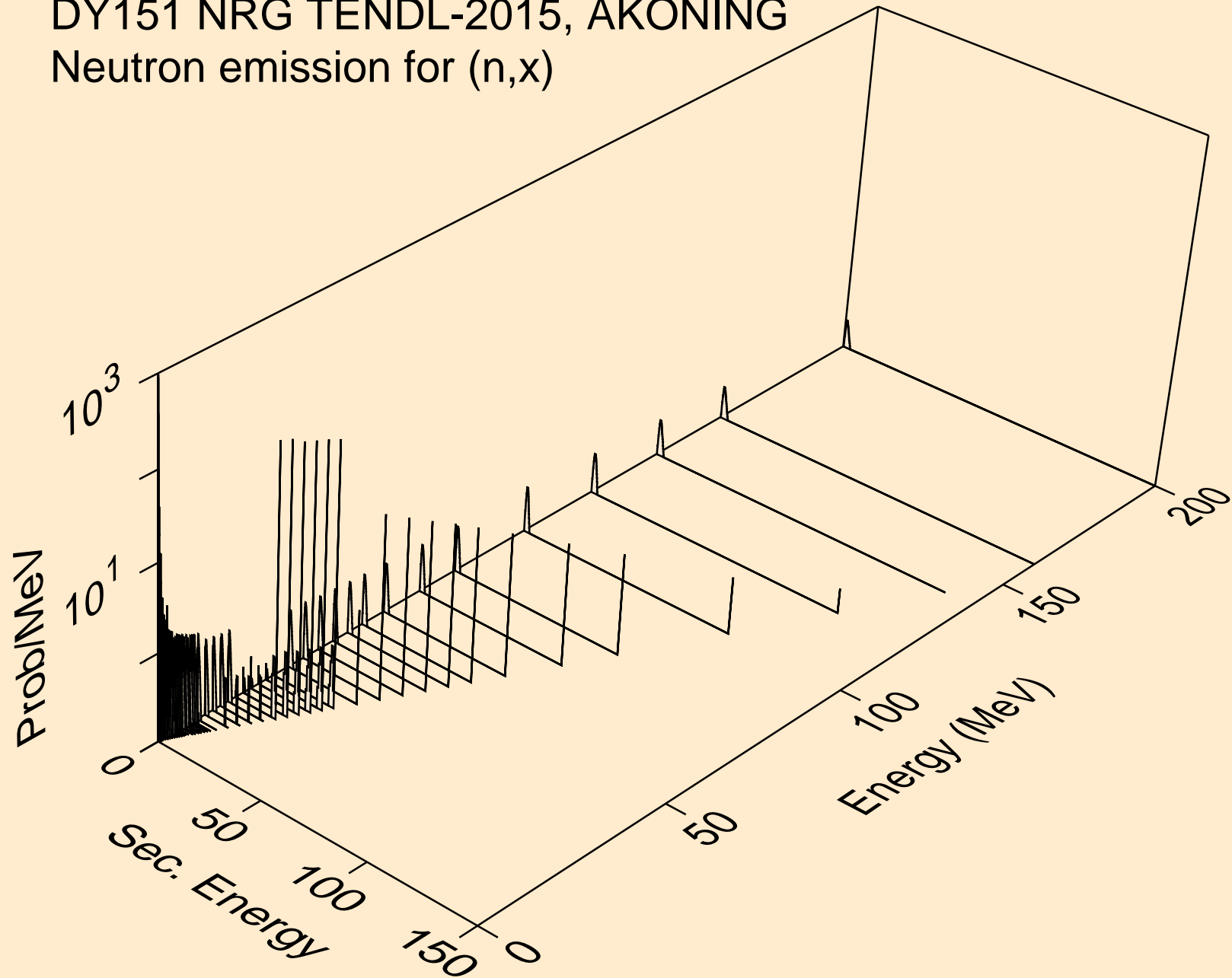
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



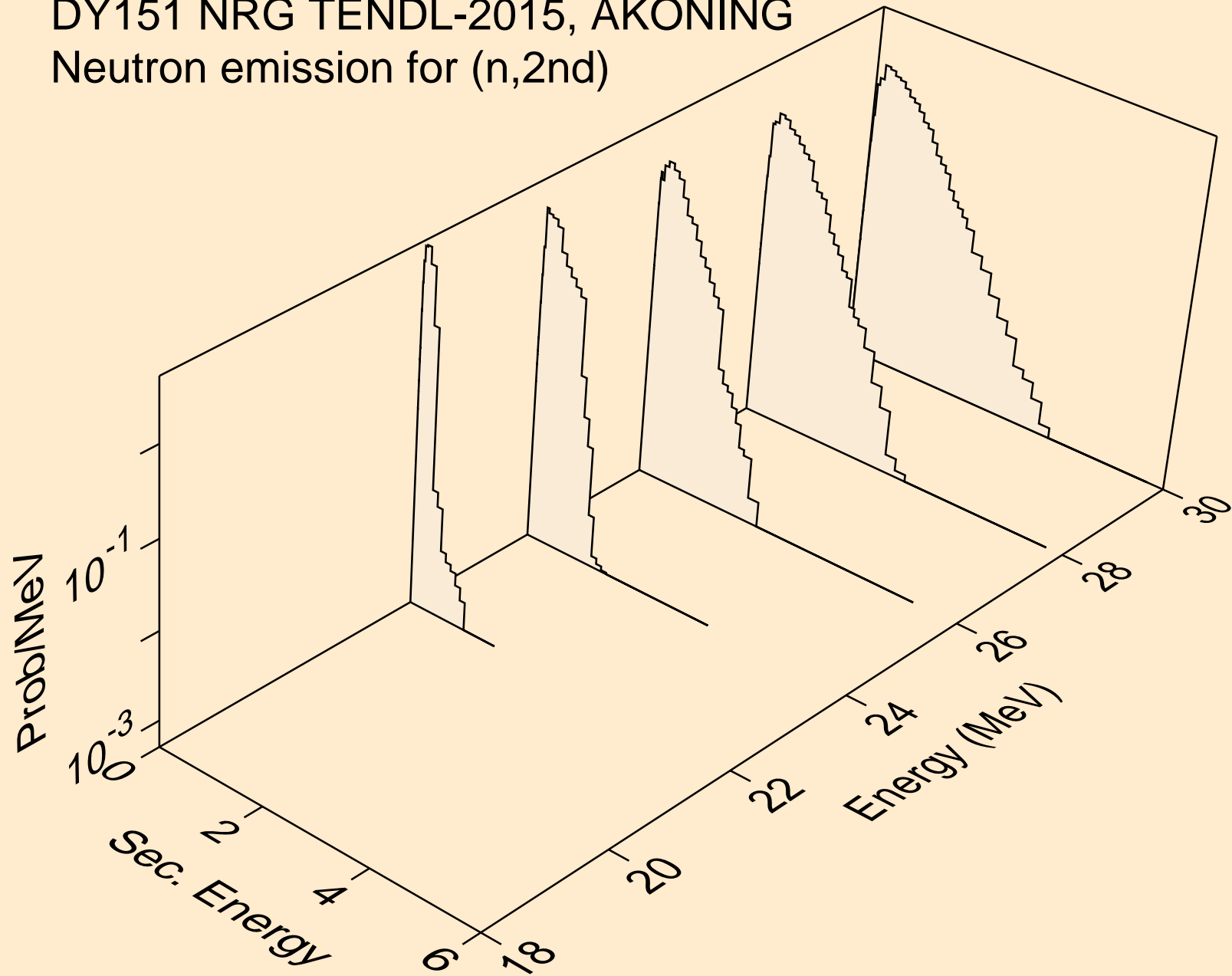
DY151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

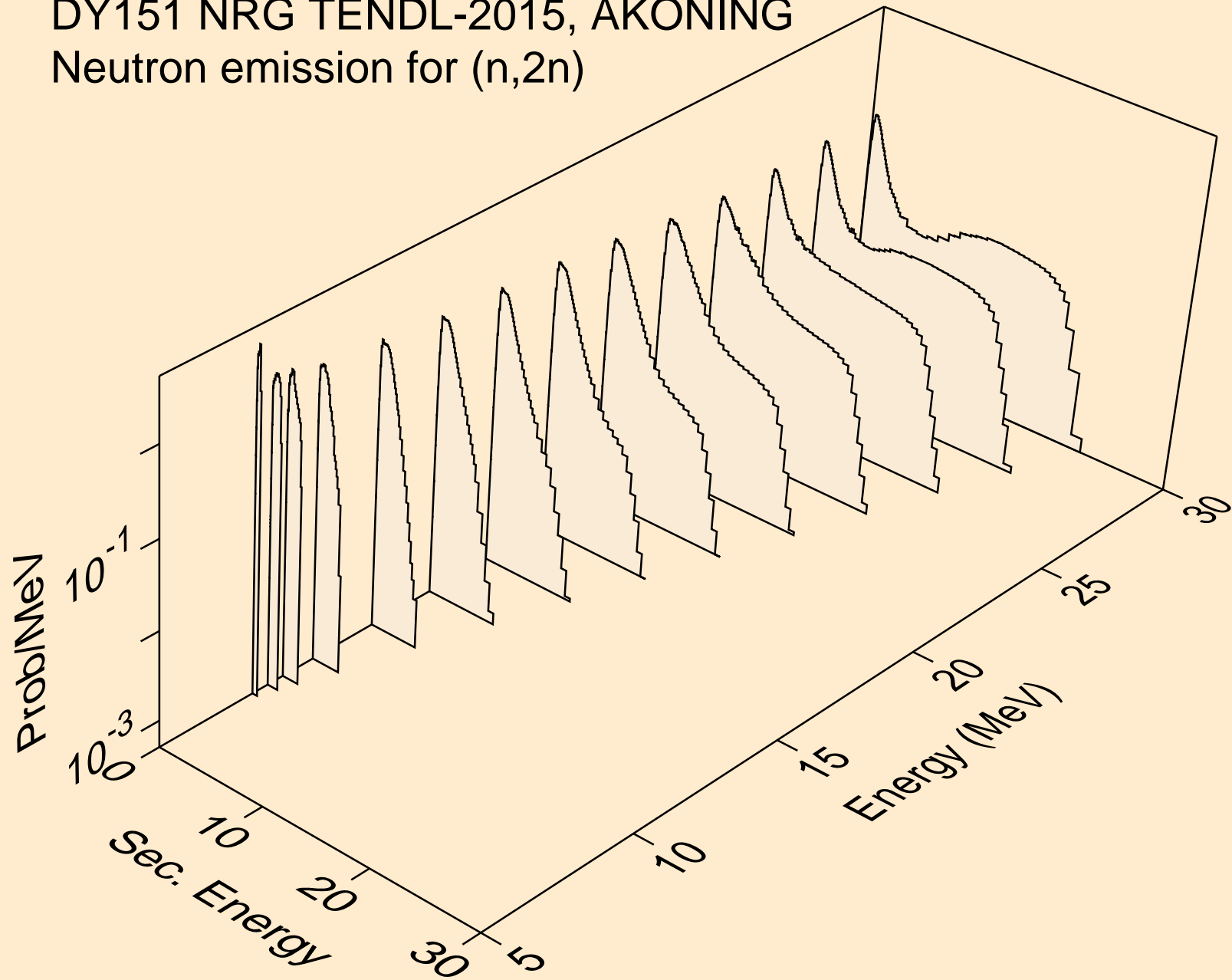


DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

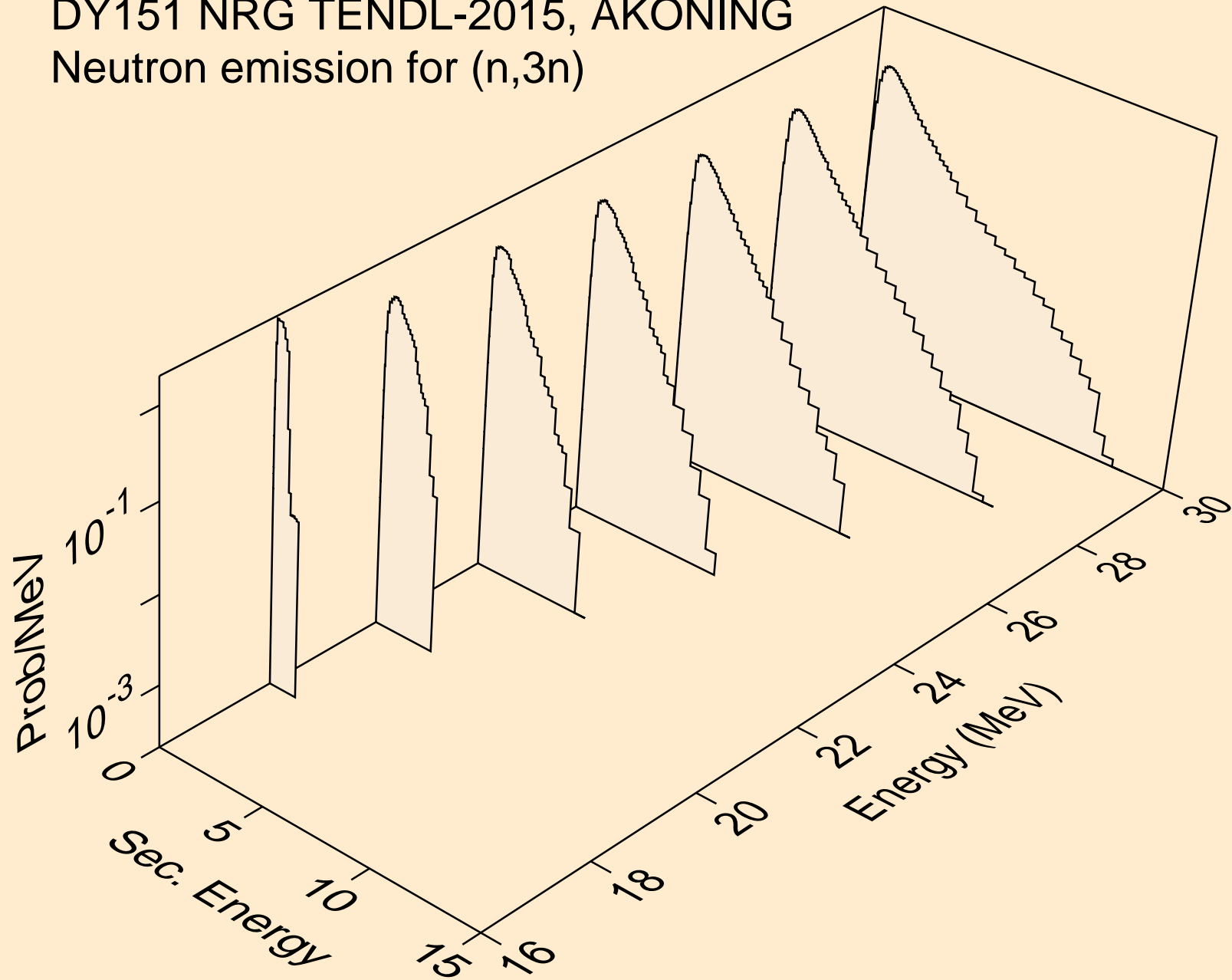




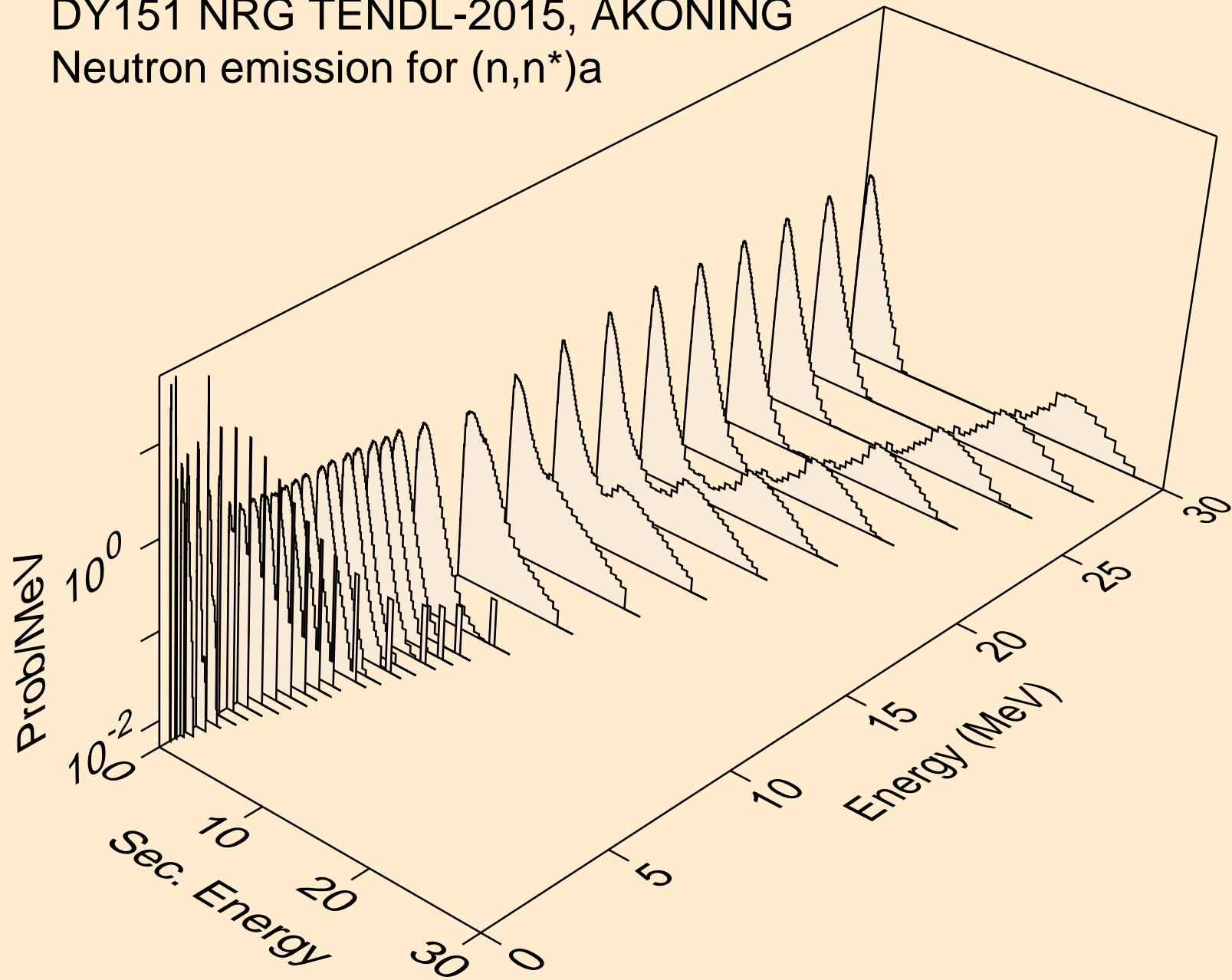
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



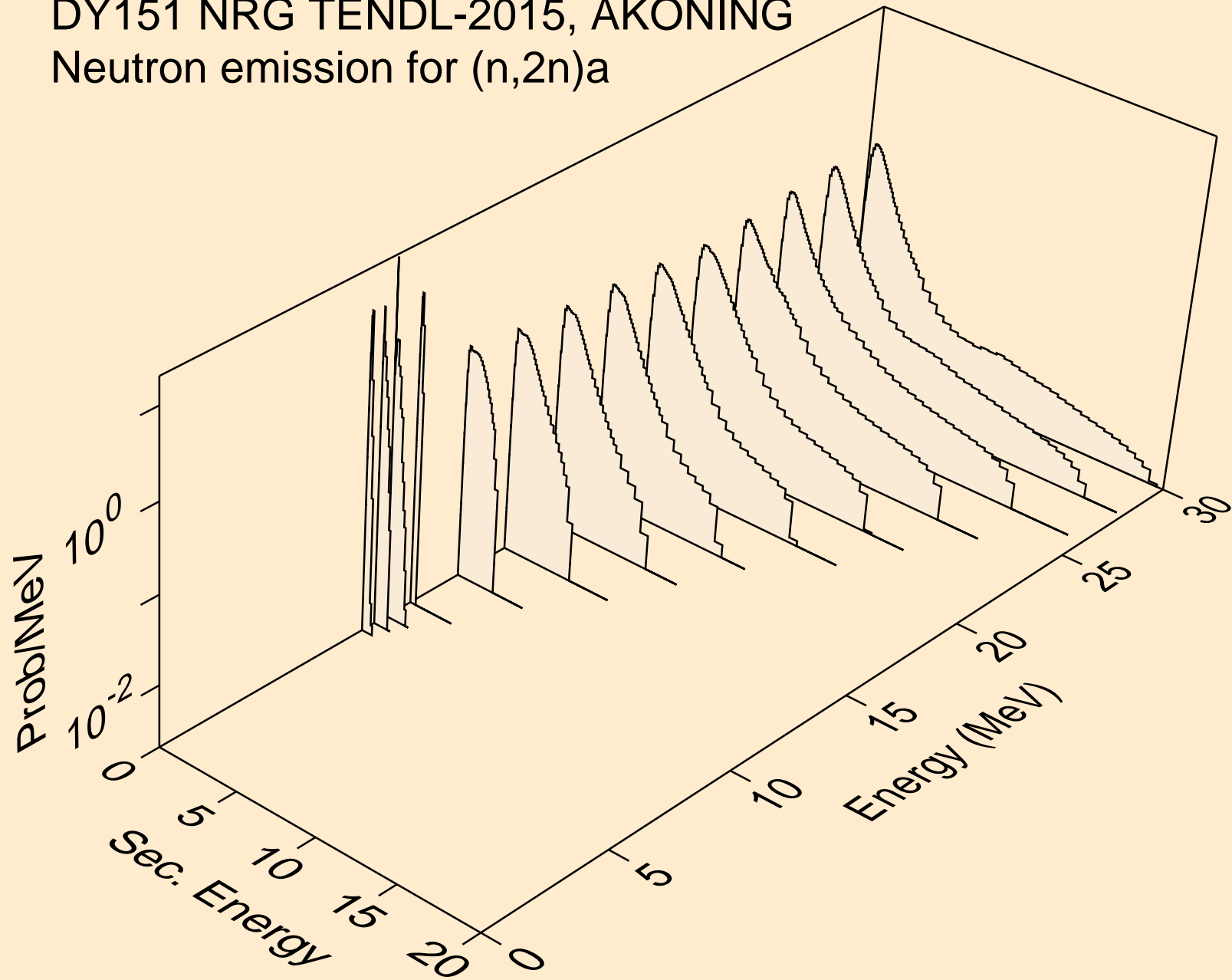
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



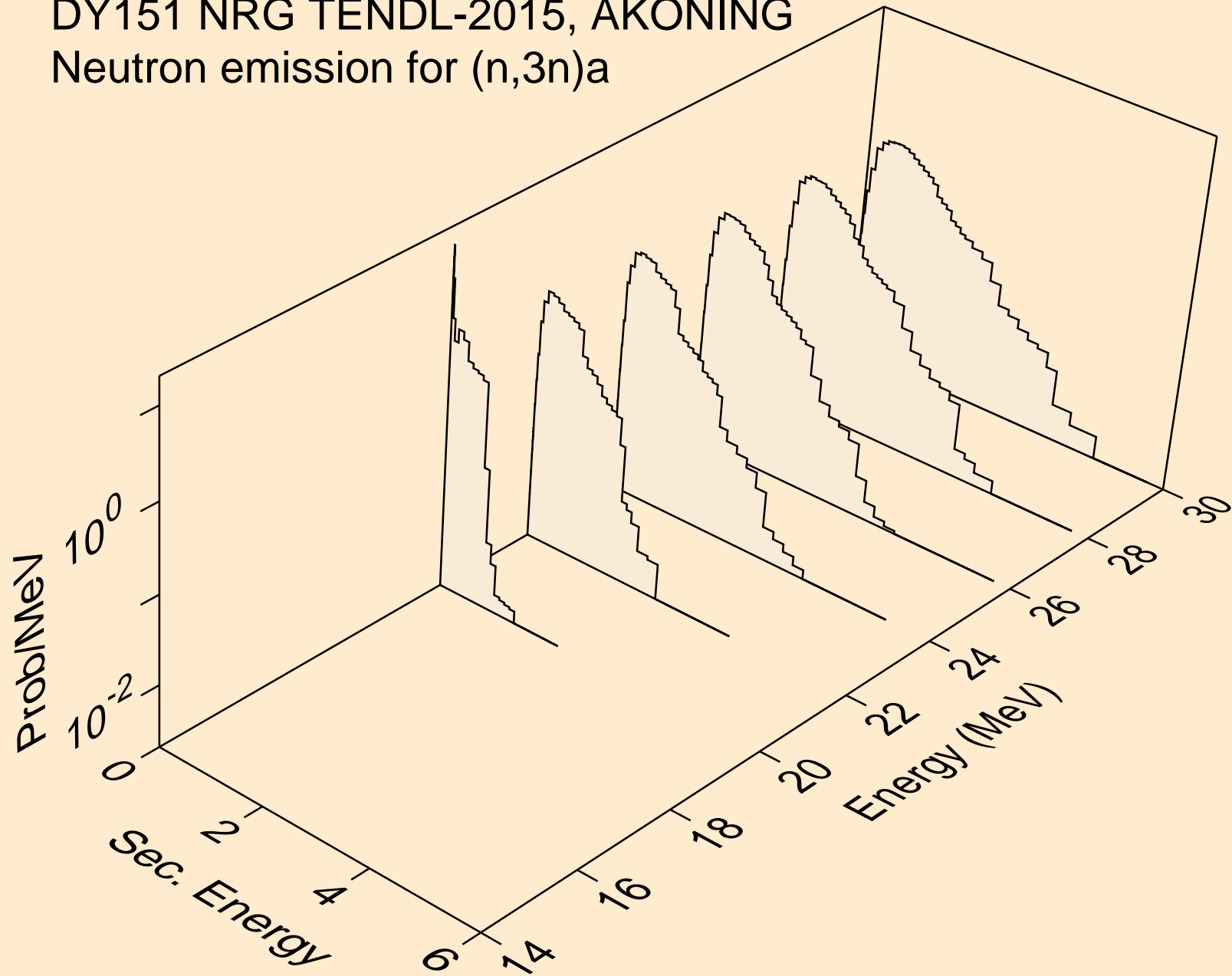
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



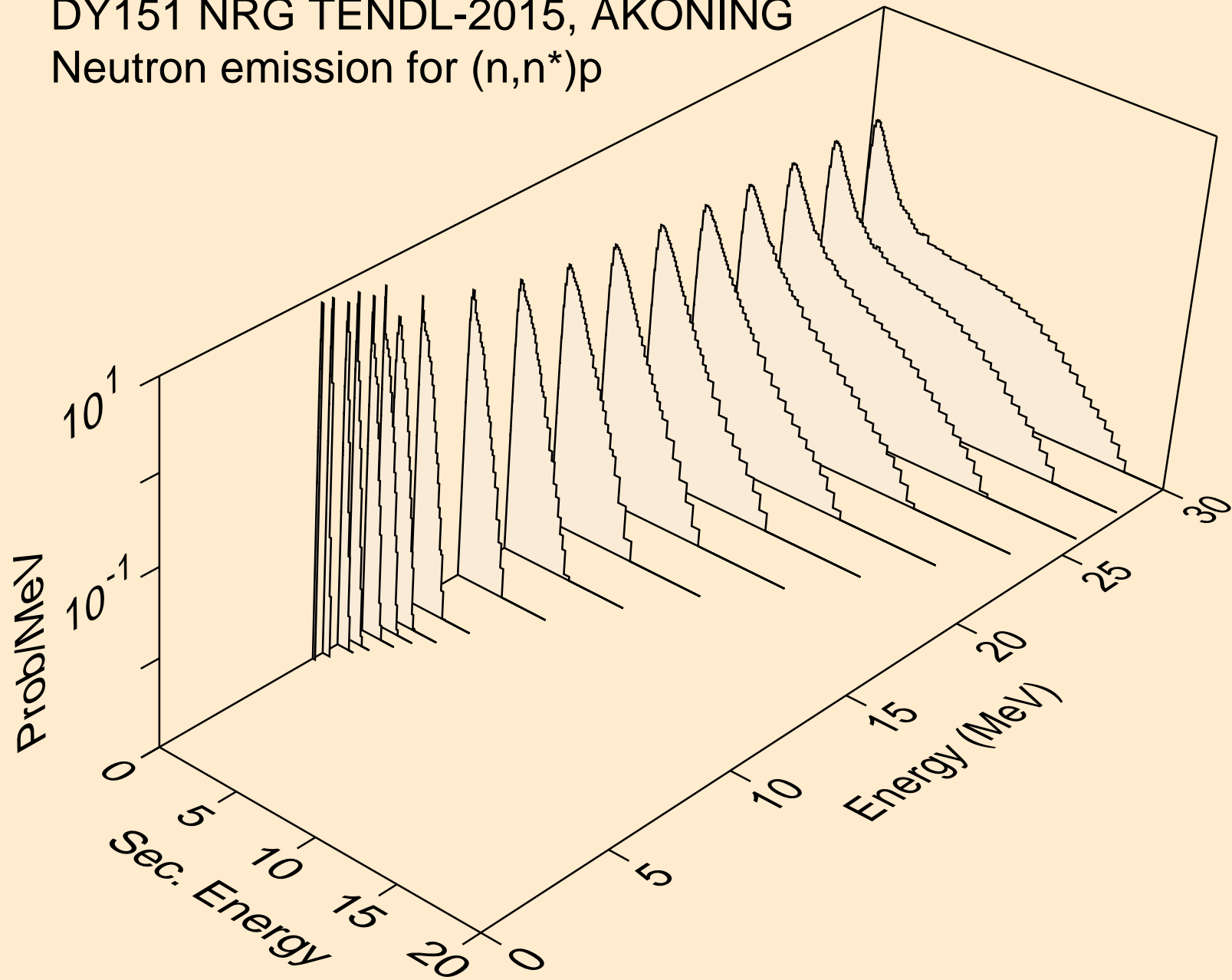
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



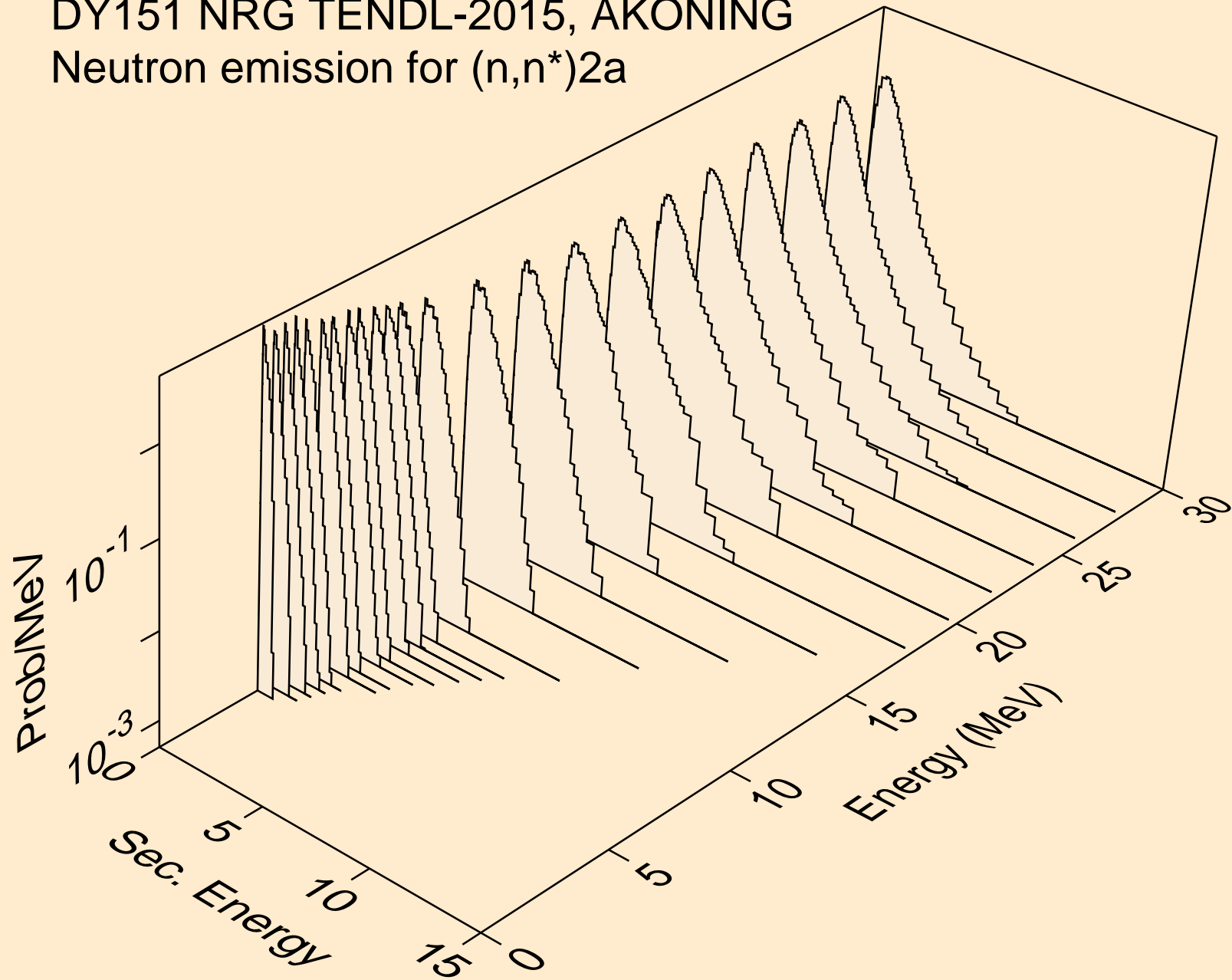
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



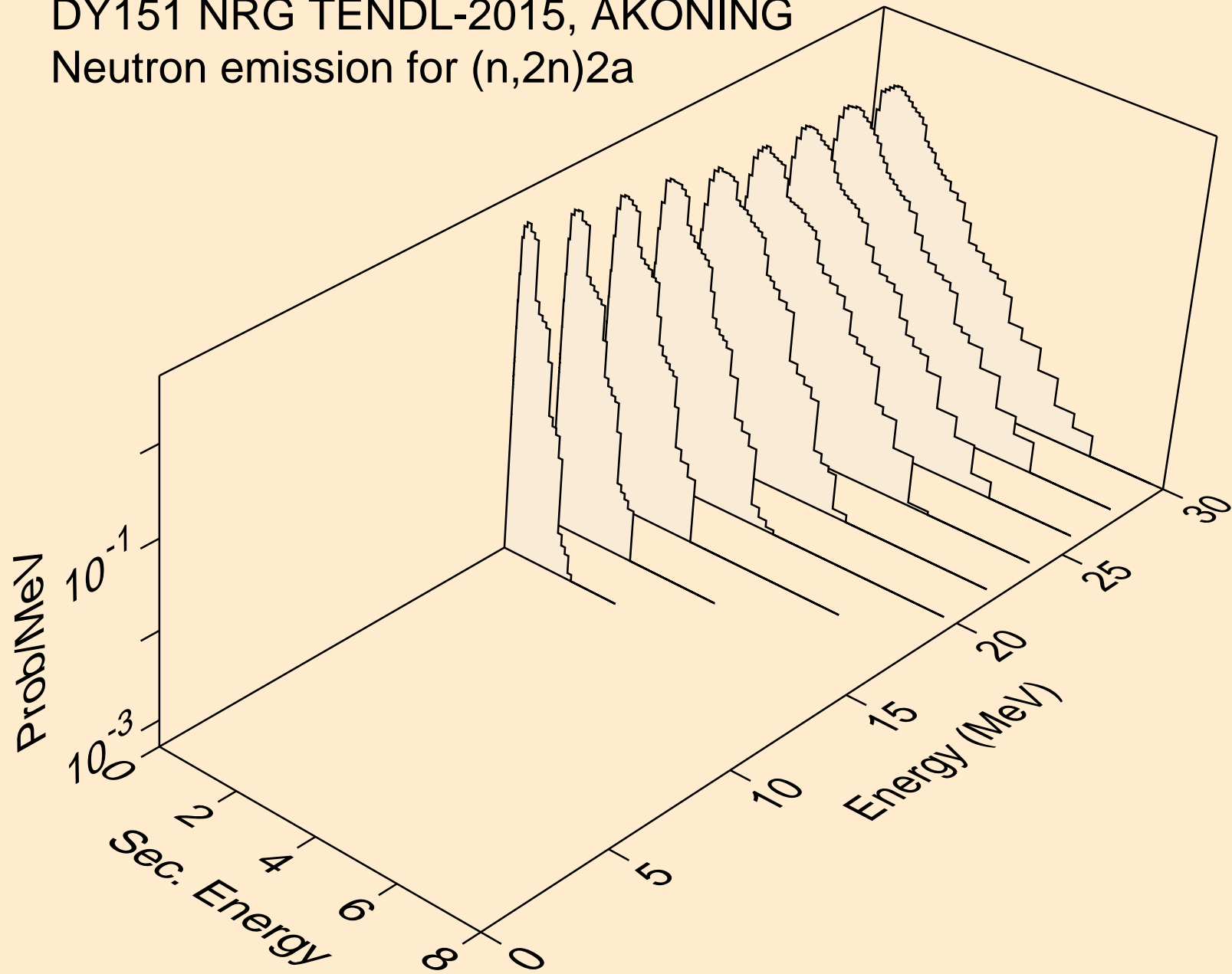
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

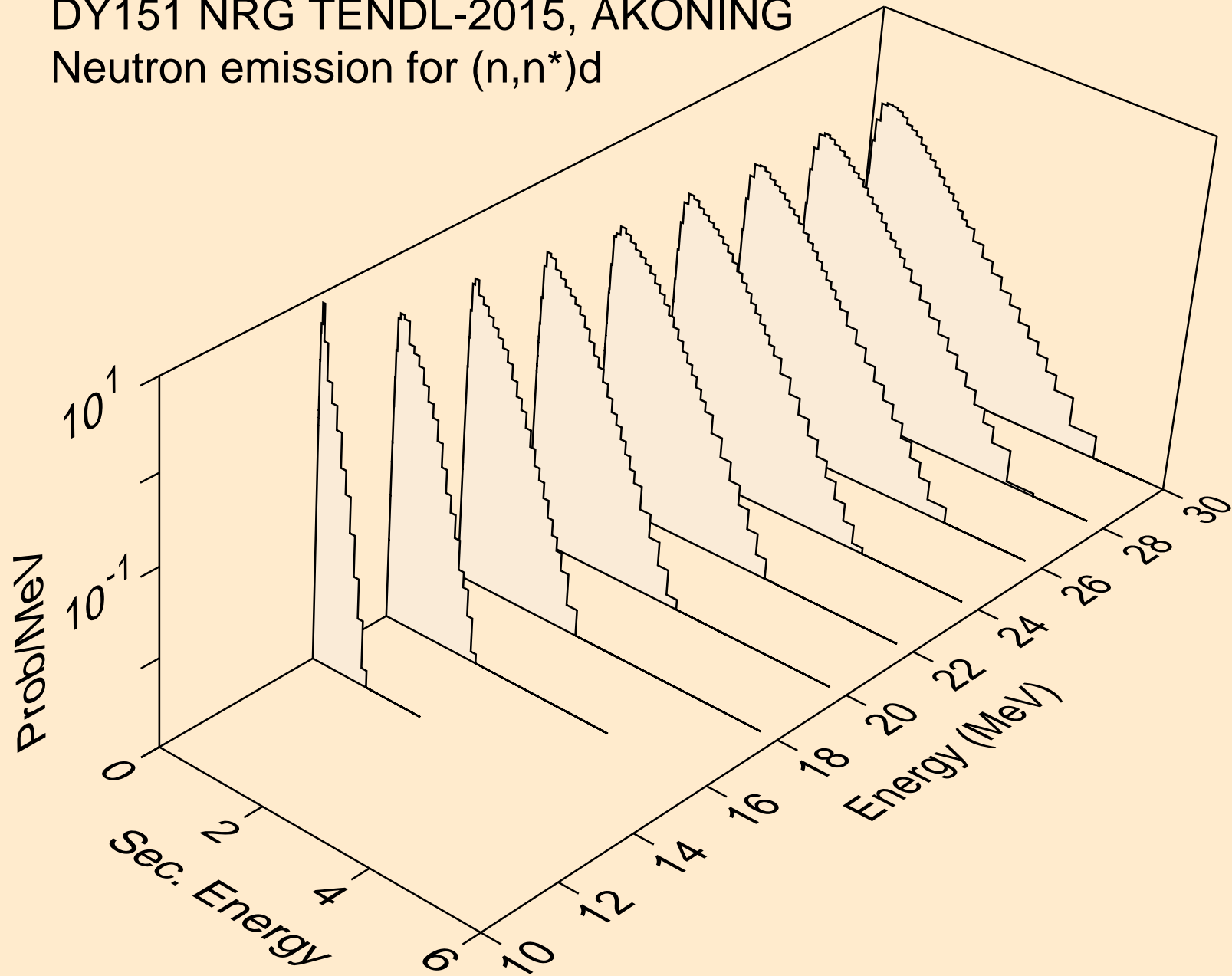


DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

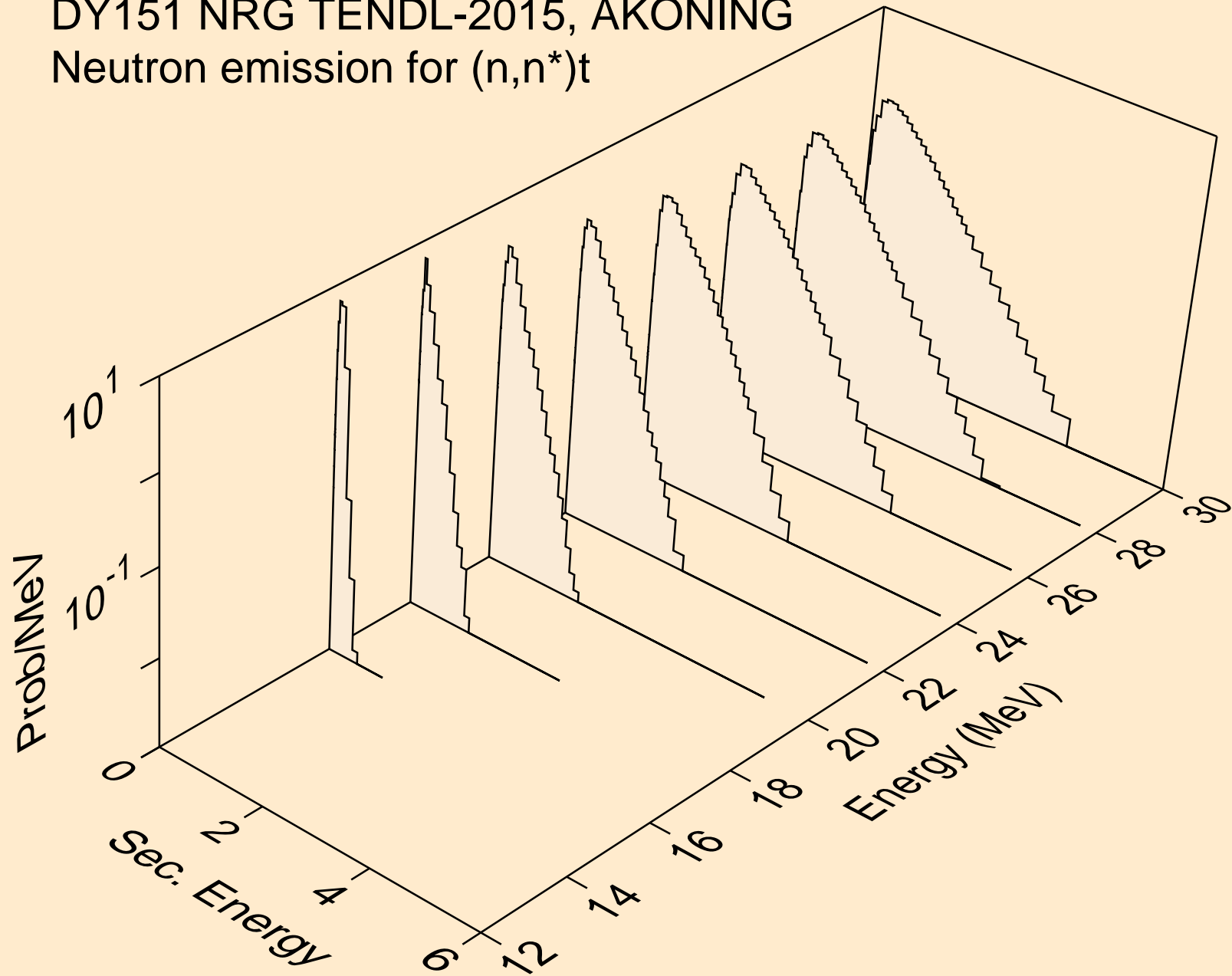




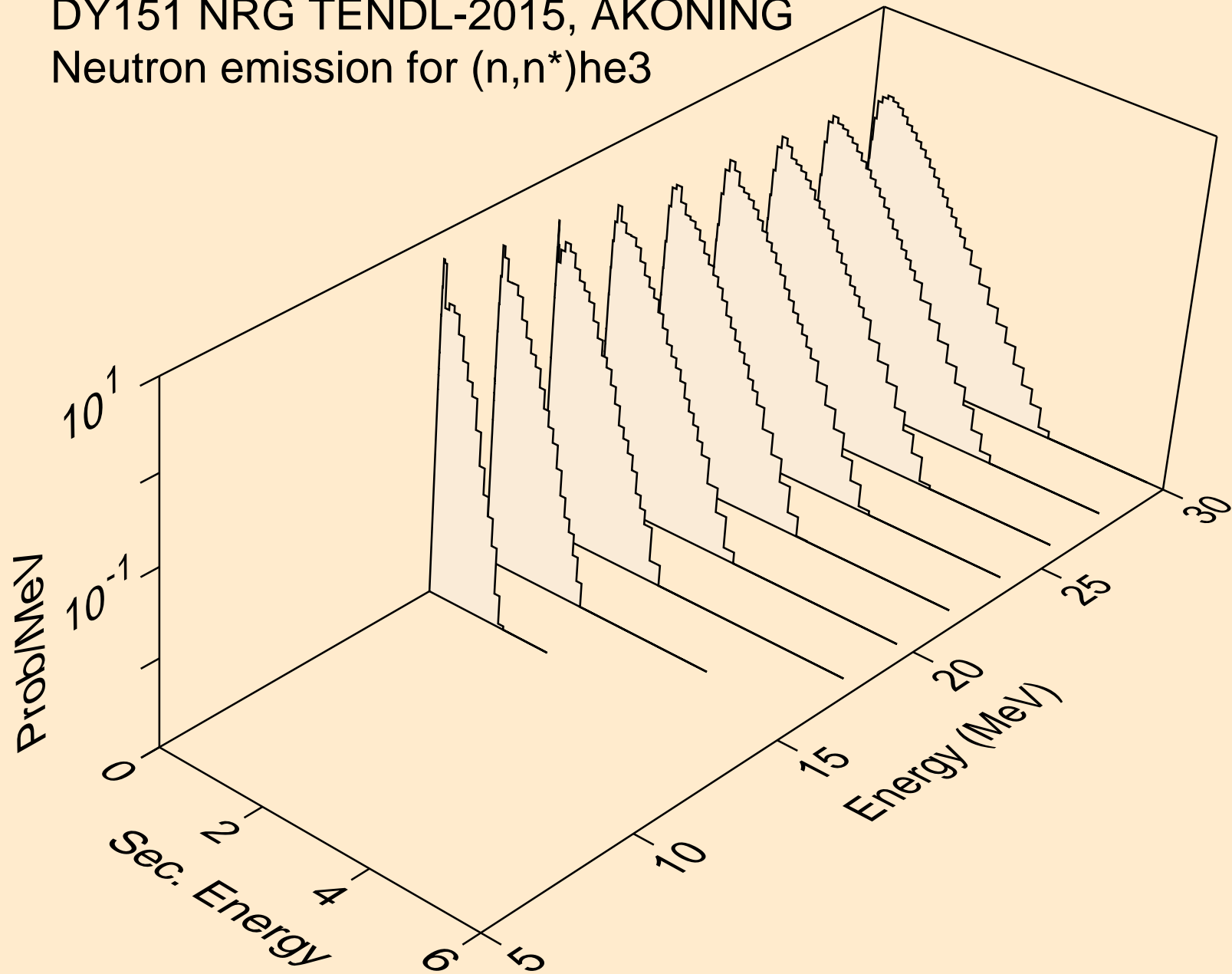
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



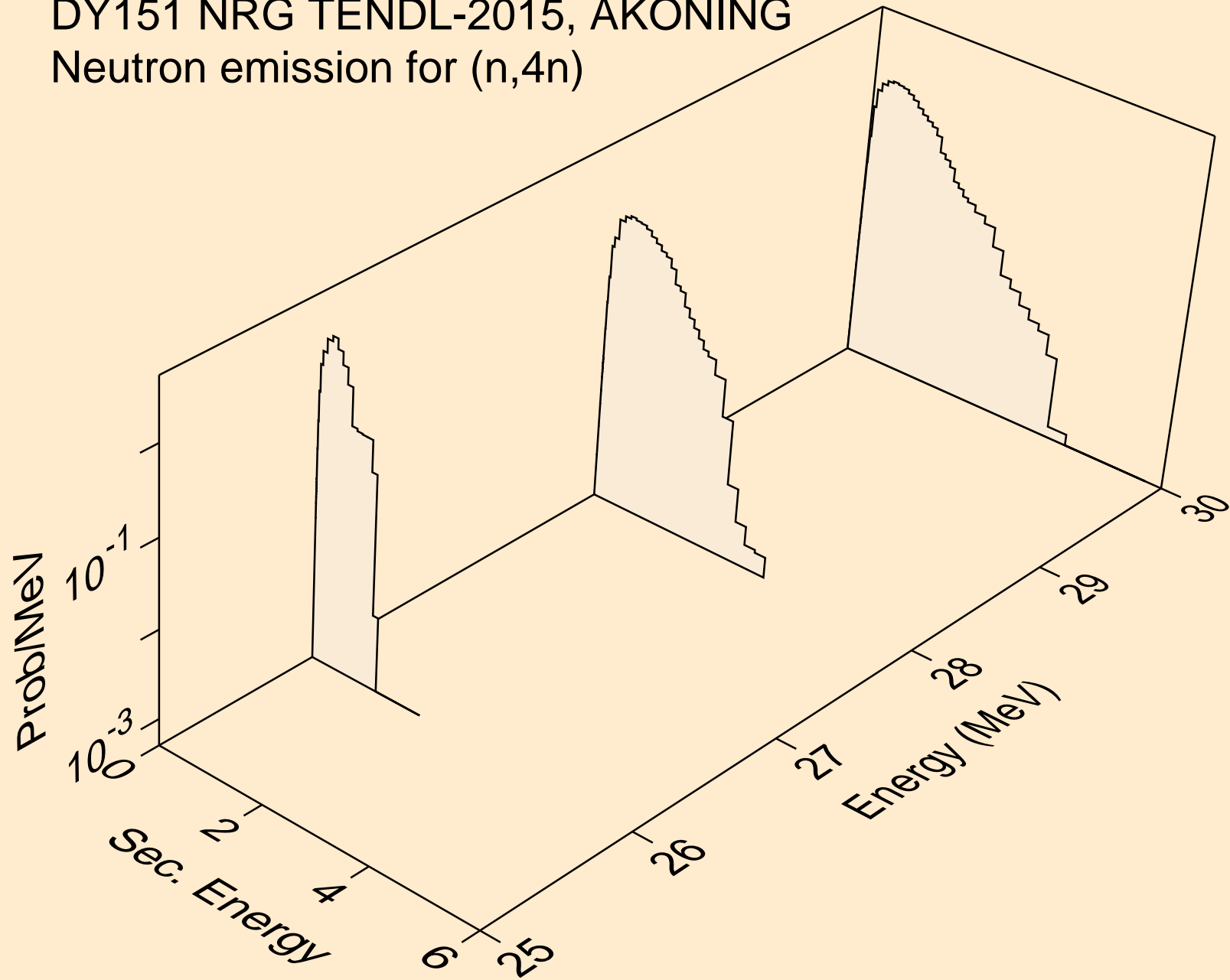
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



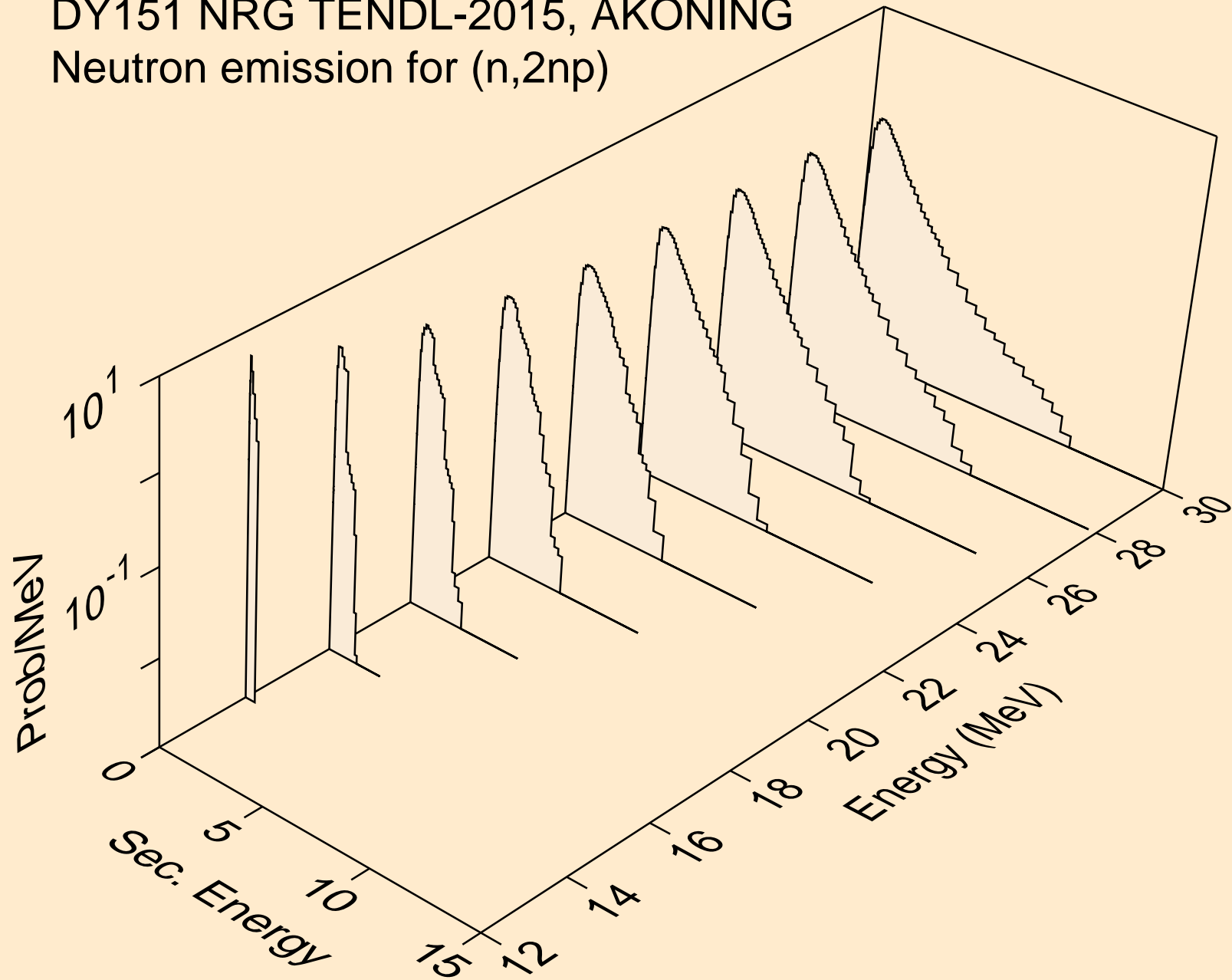
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



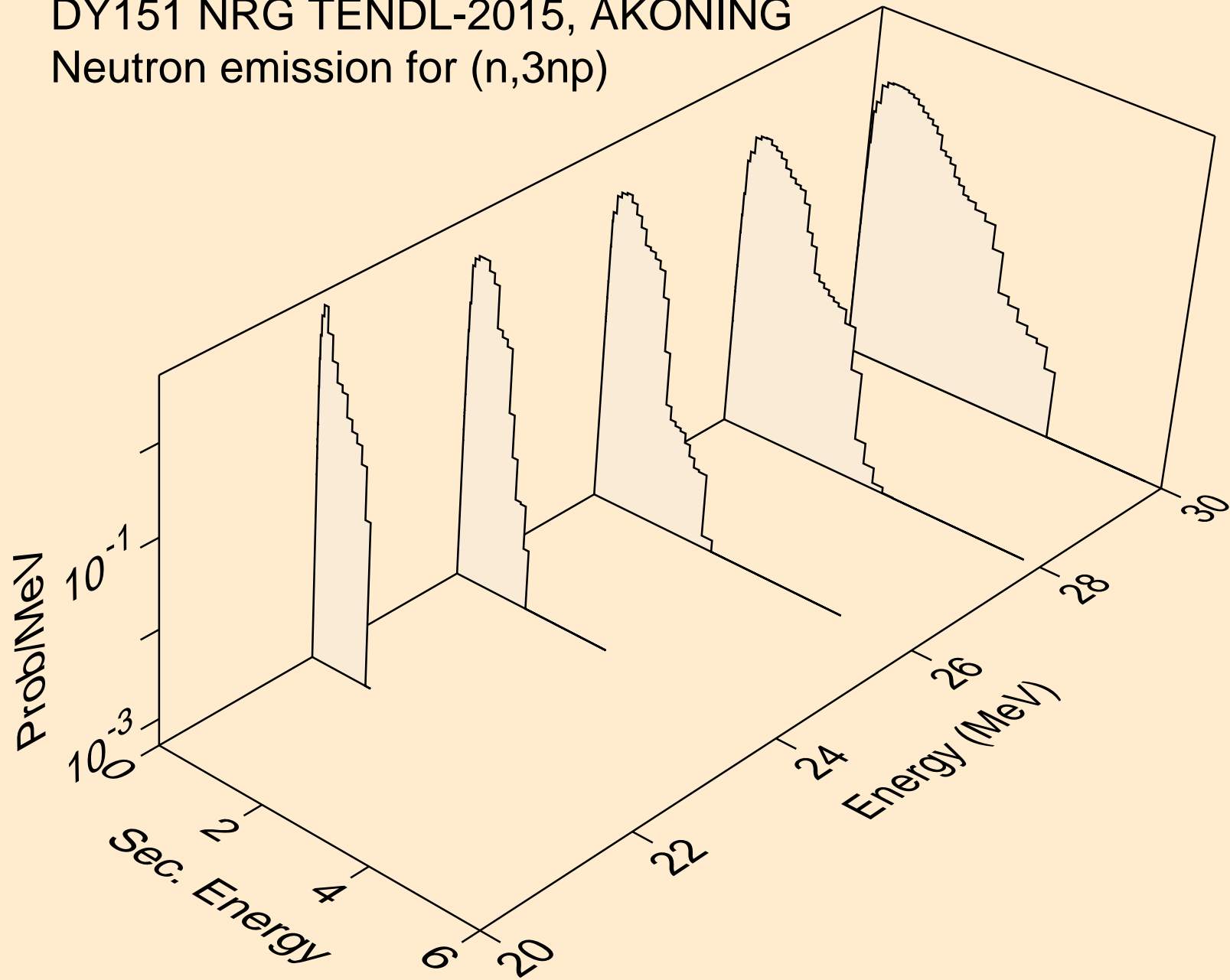
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



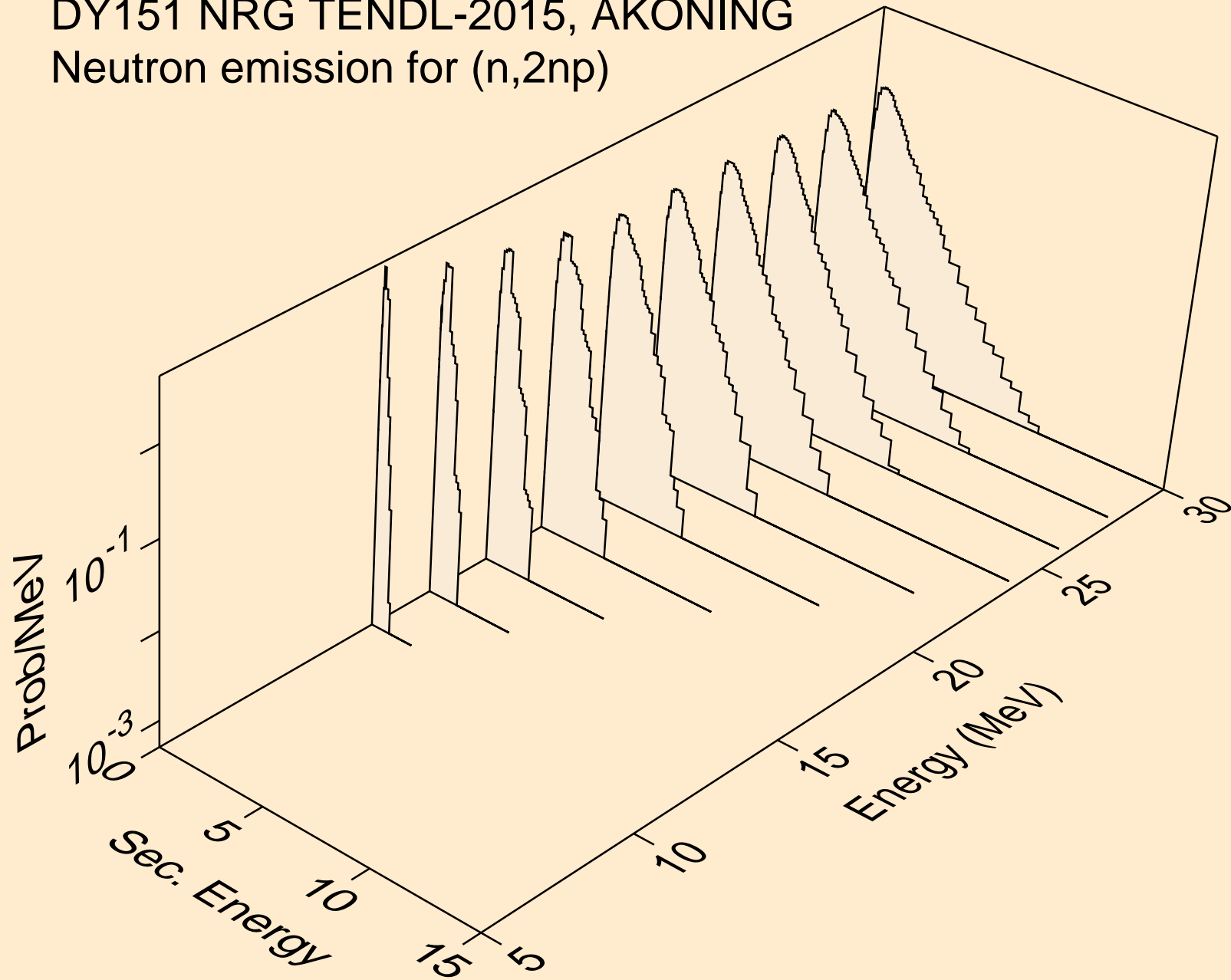
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



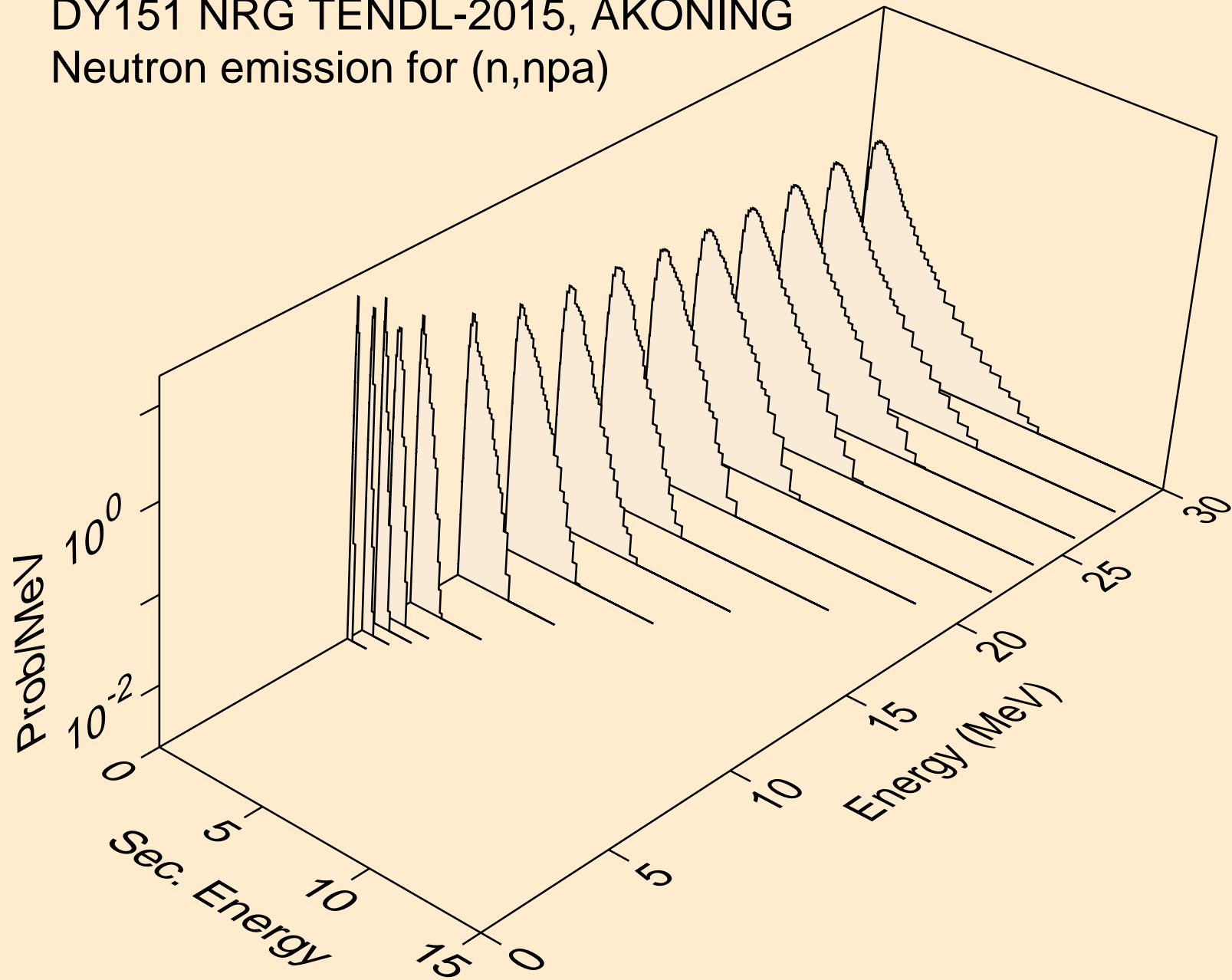
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

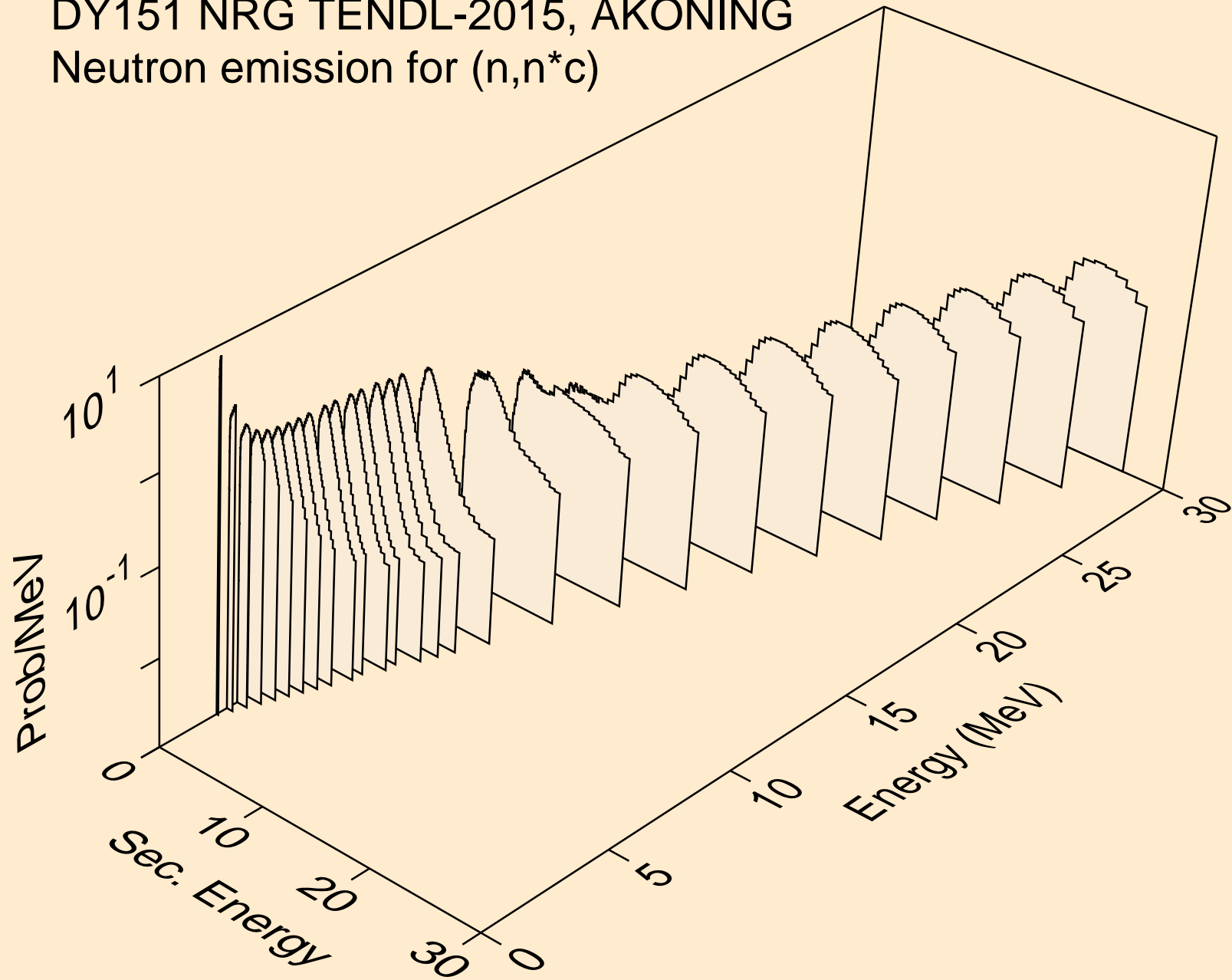


DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

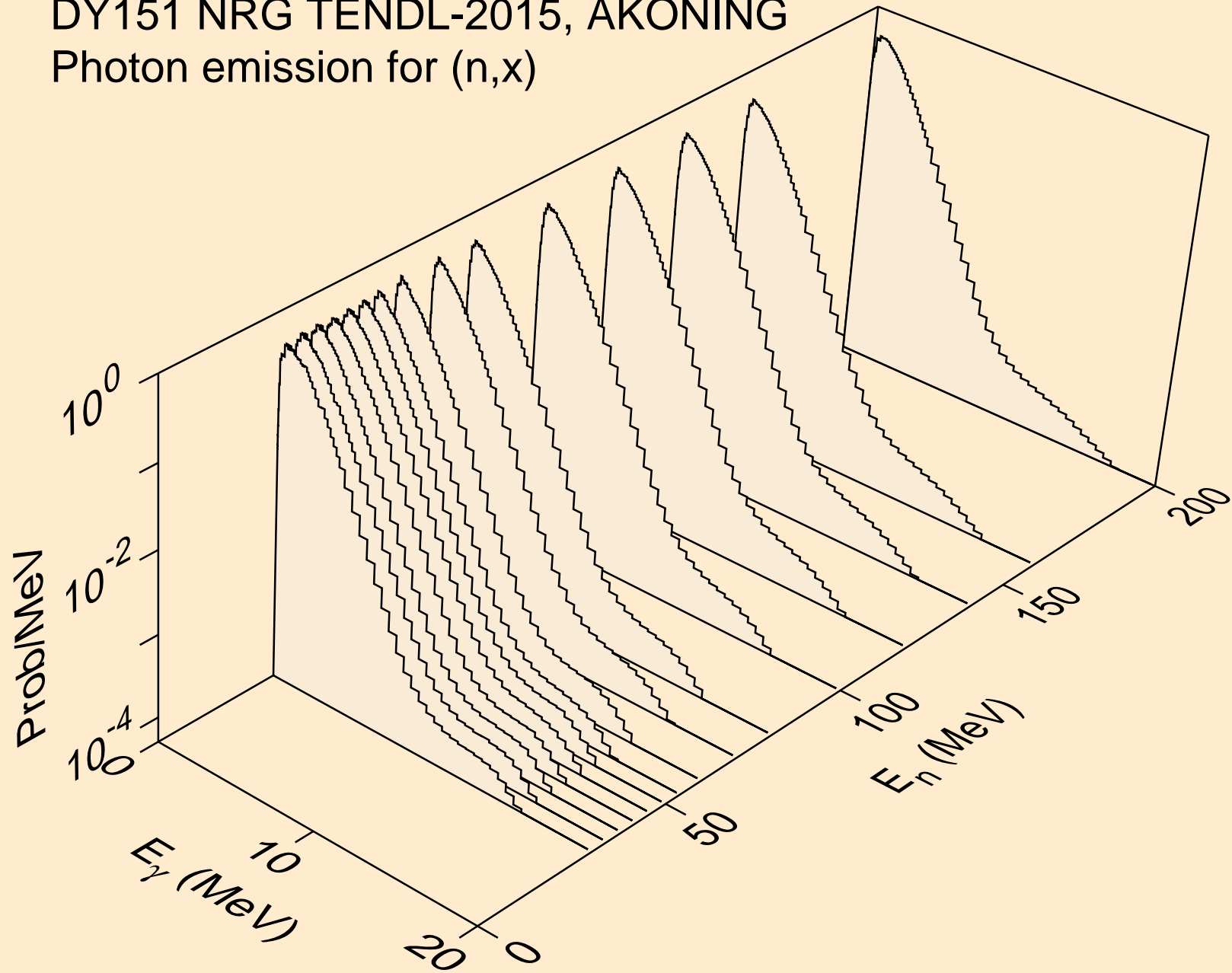




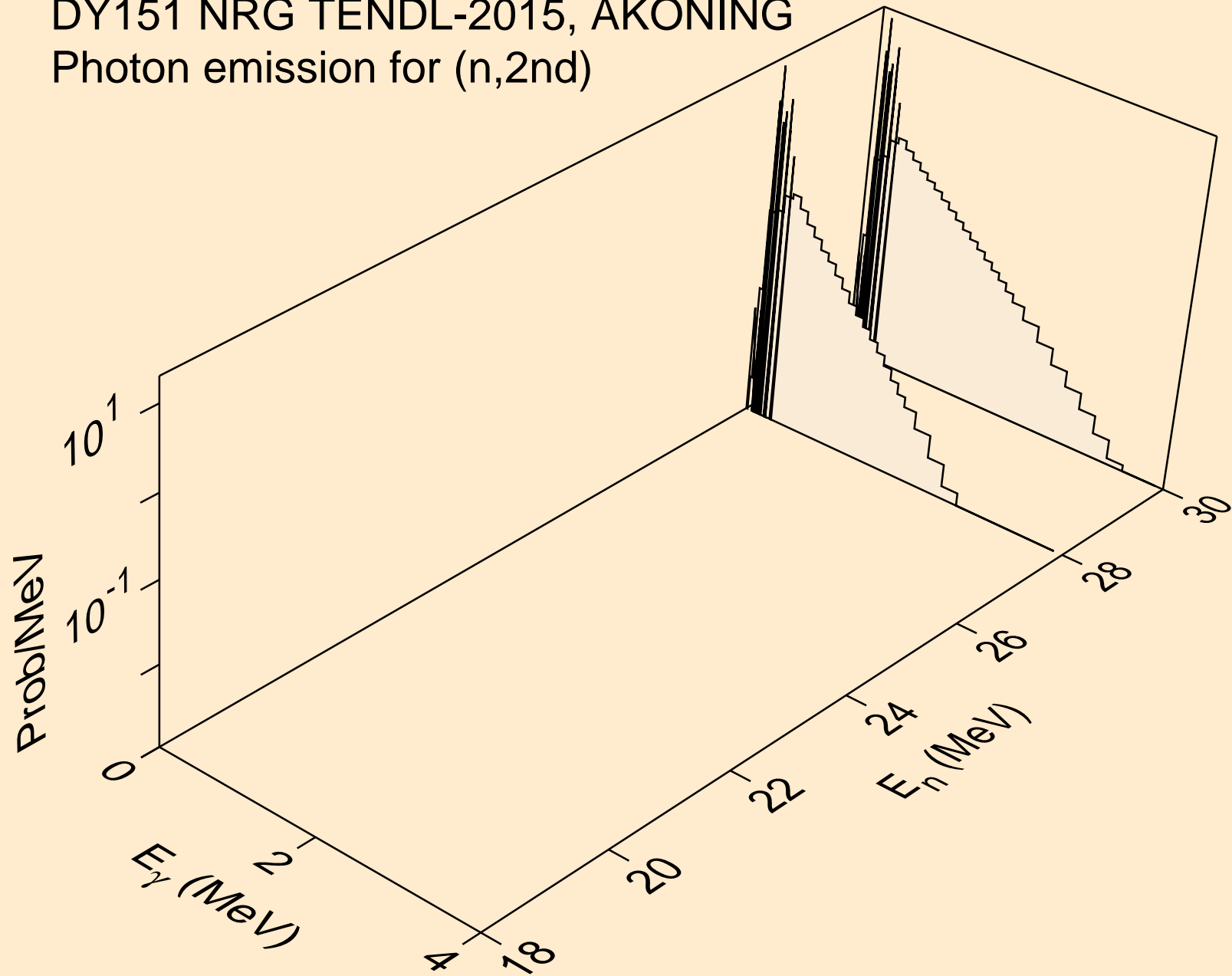
DY151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



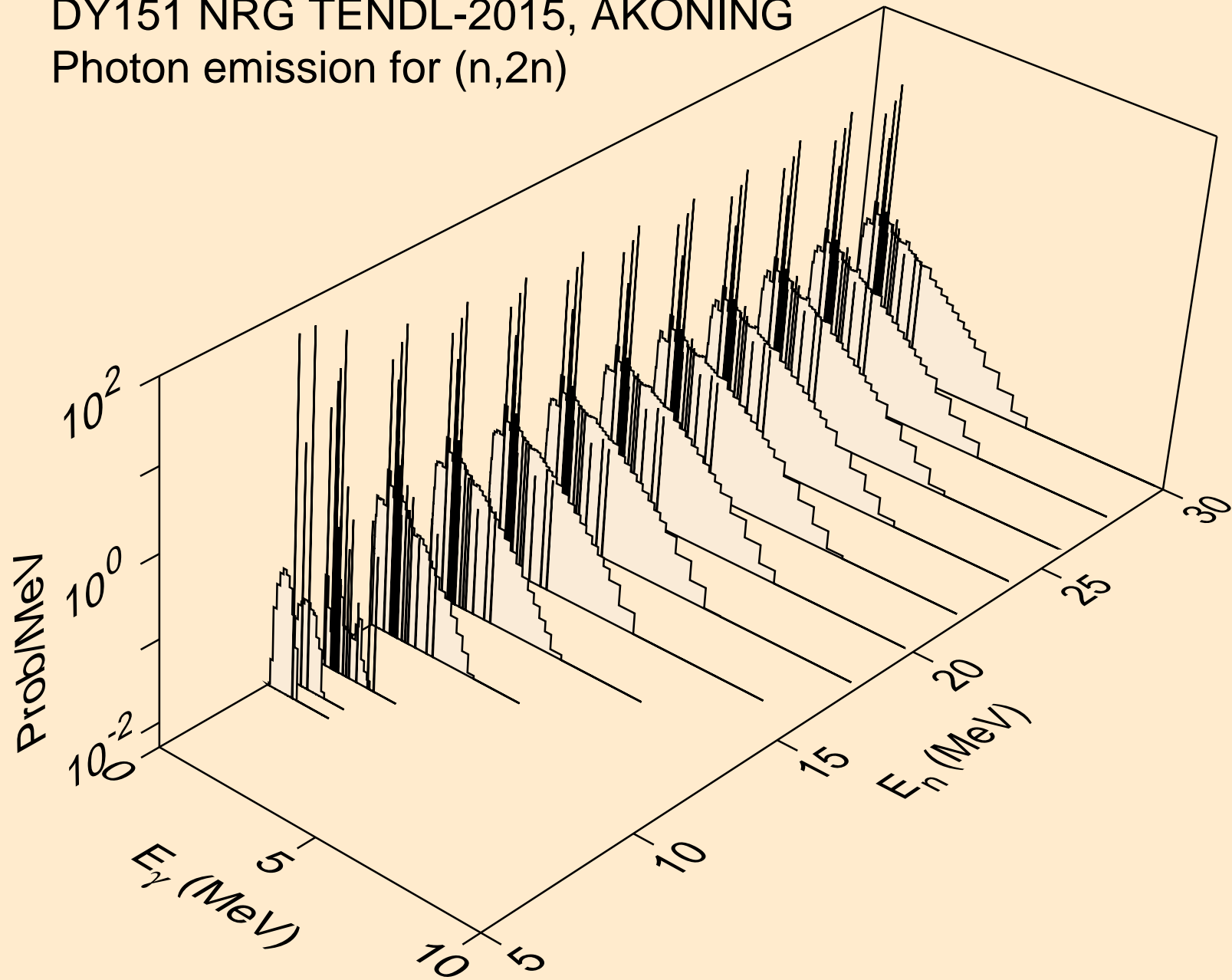
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



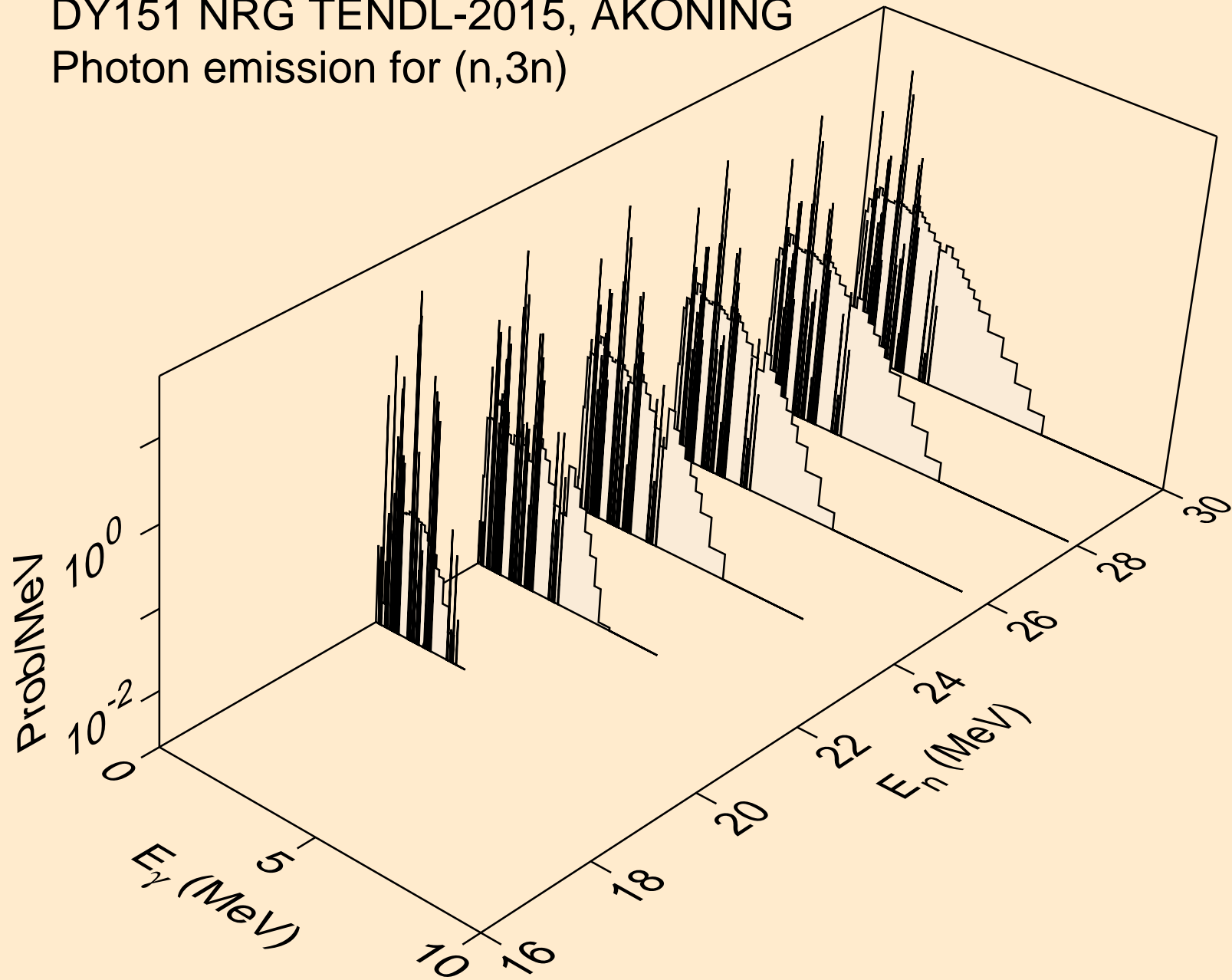
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



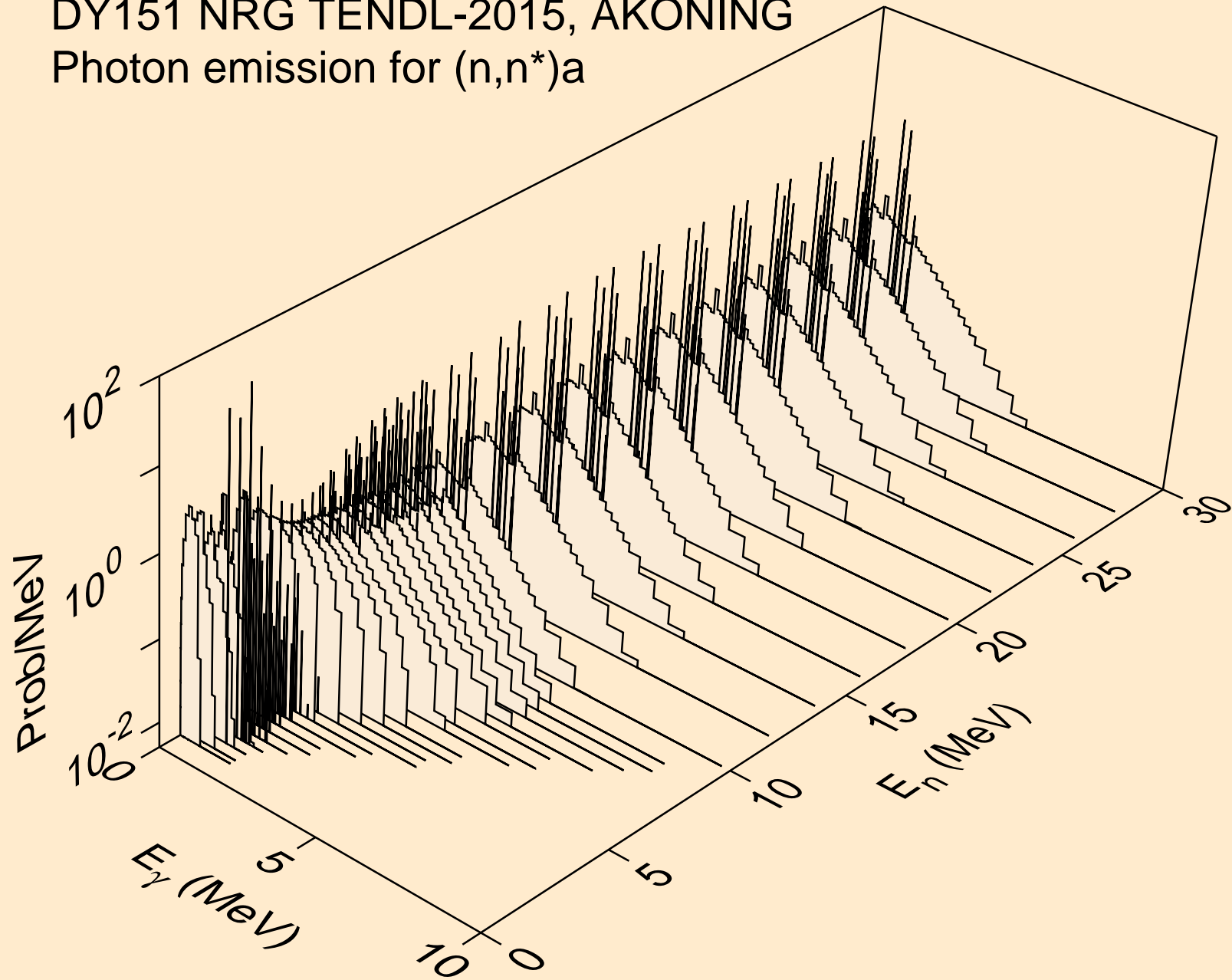
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



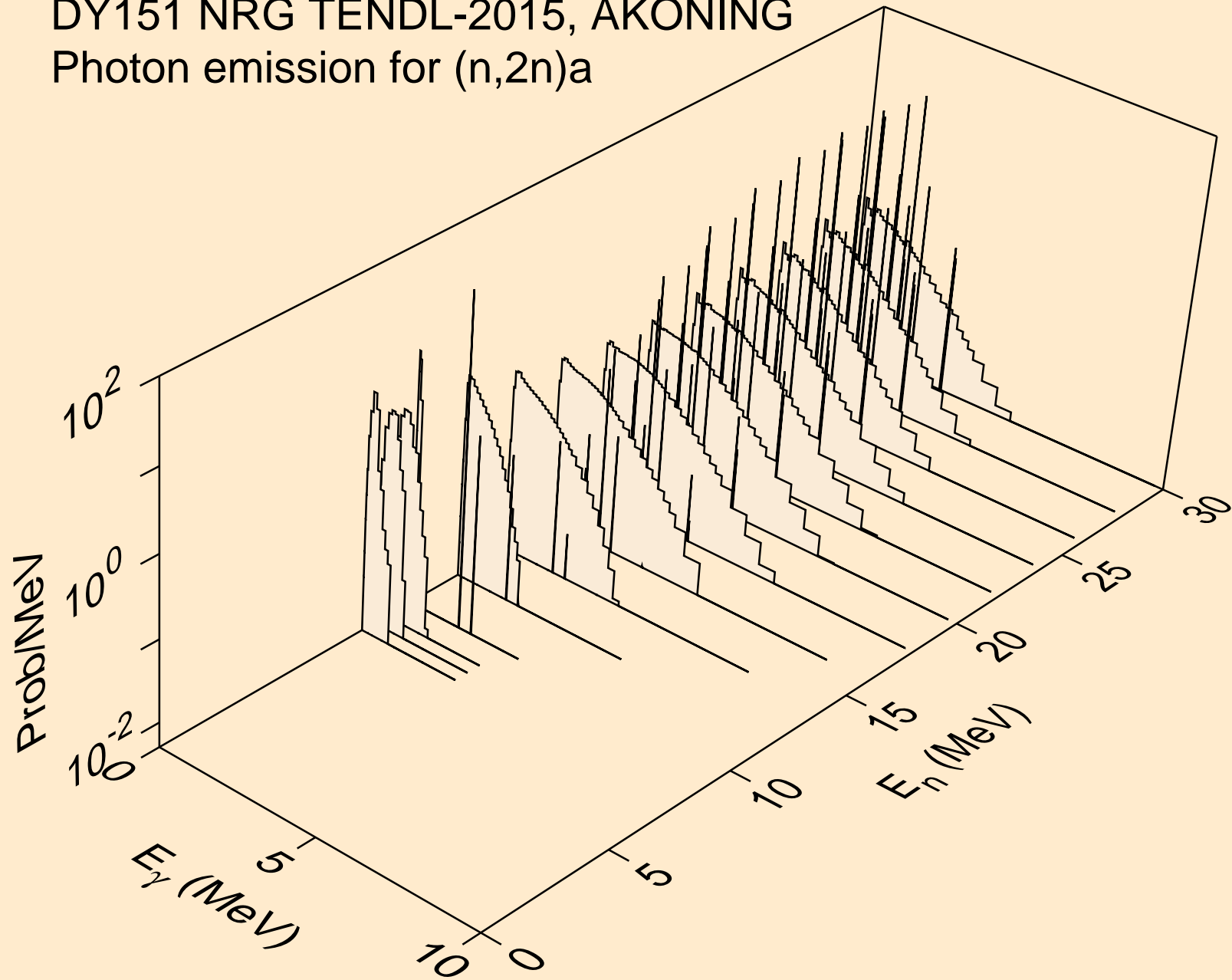
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



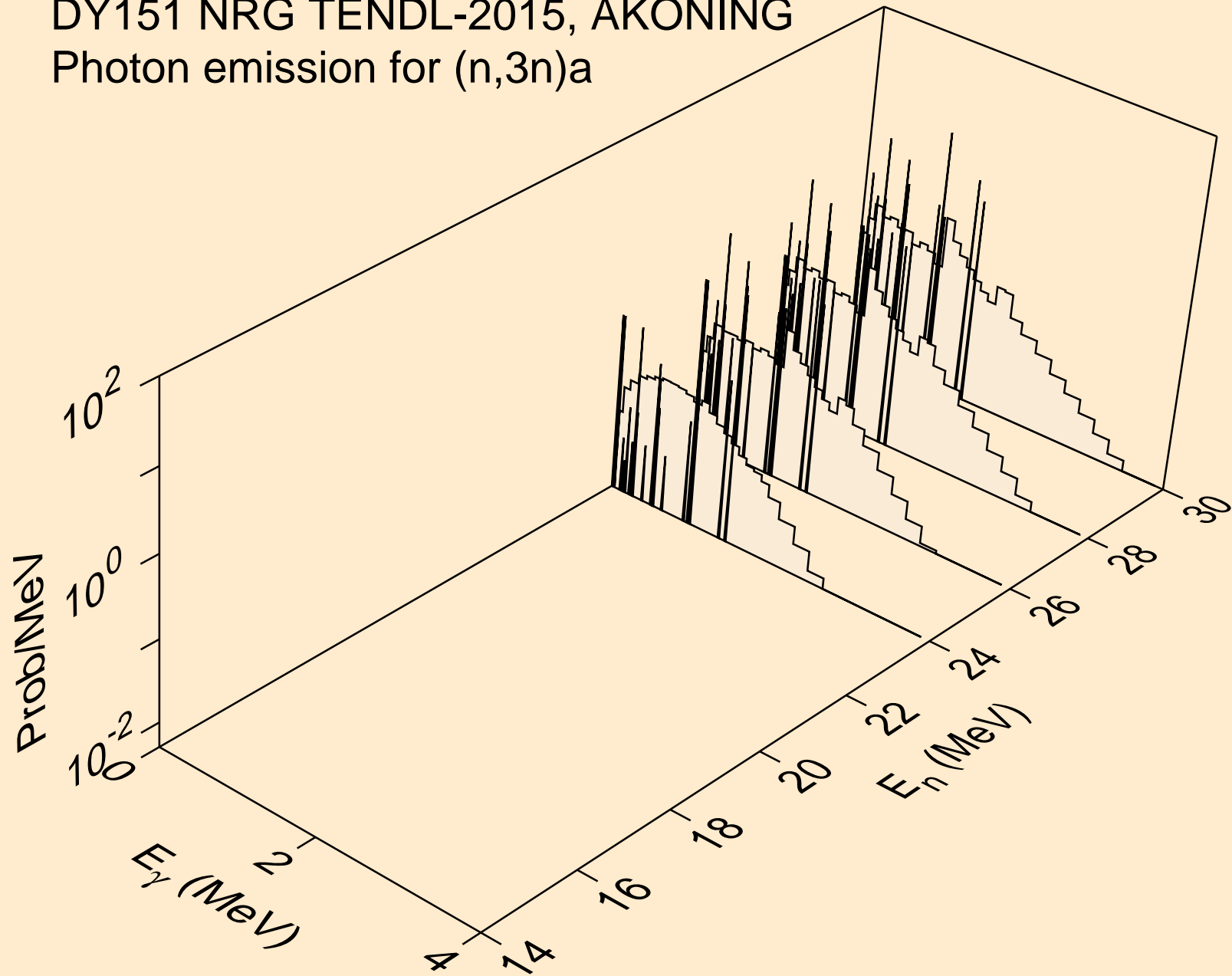
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

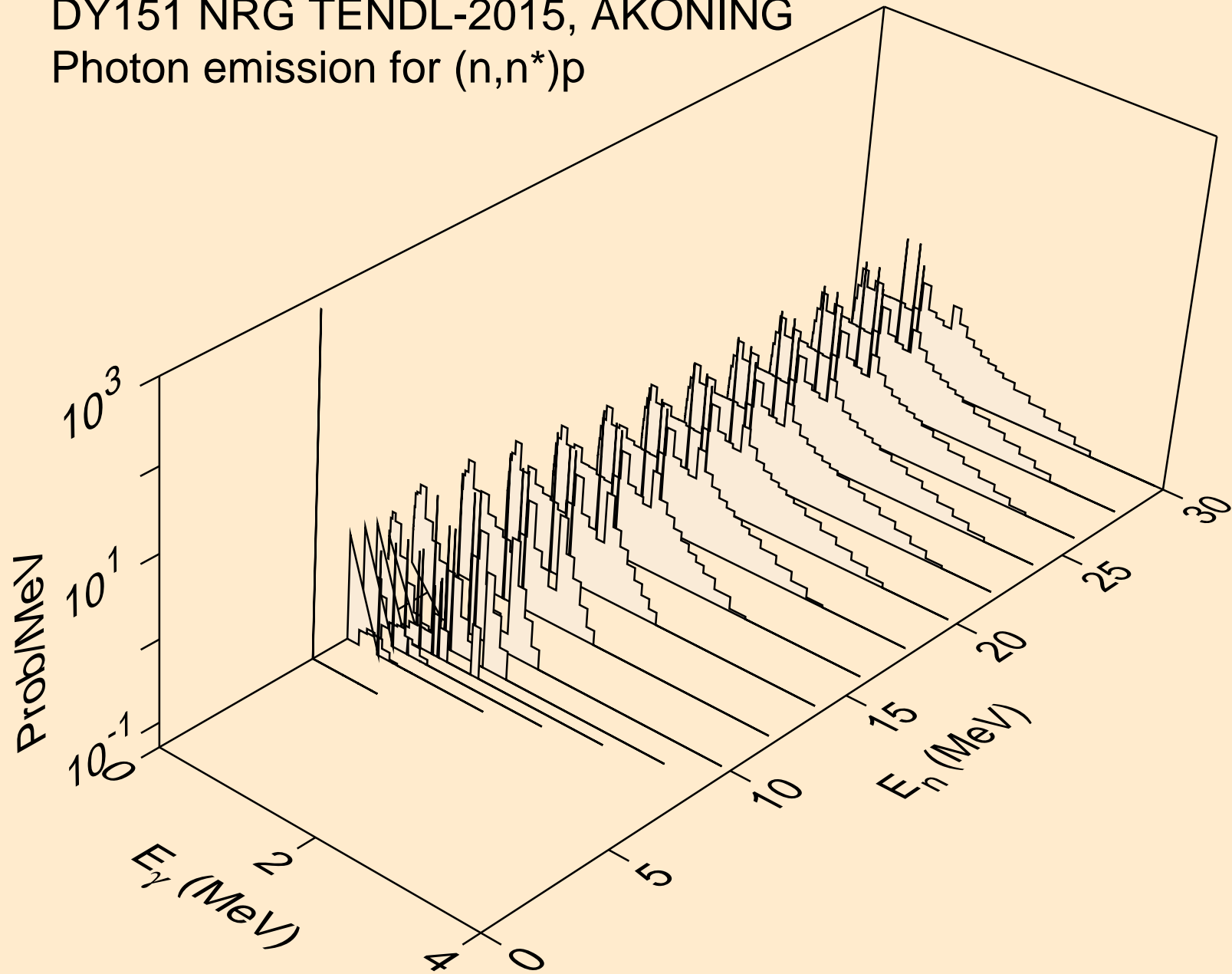


DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

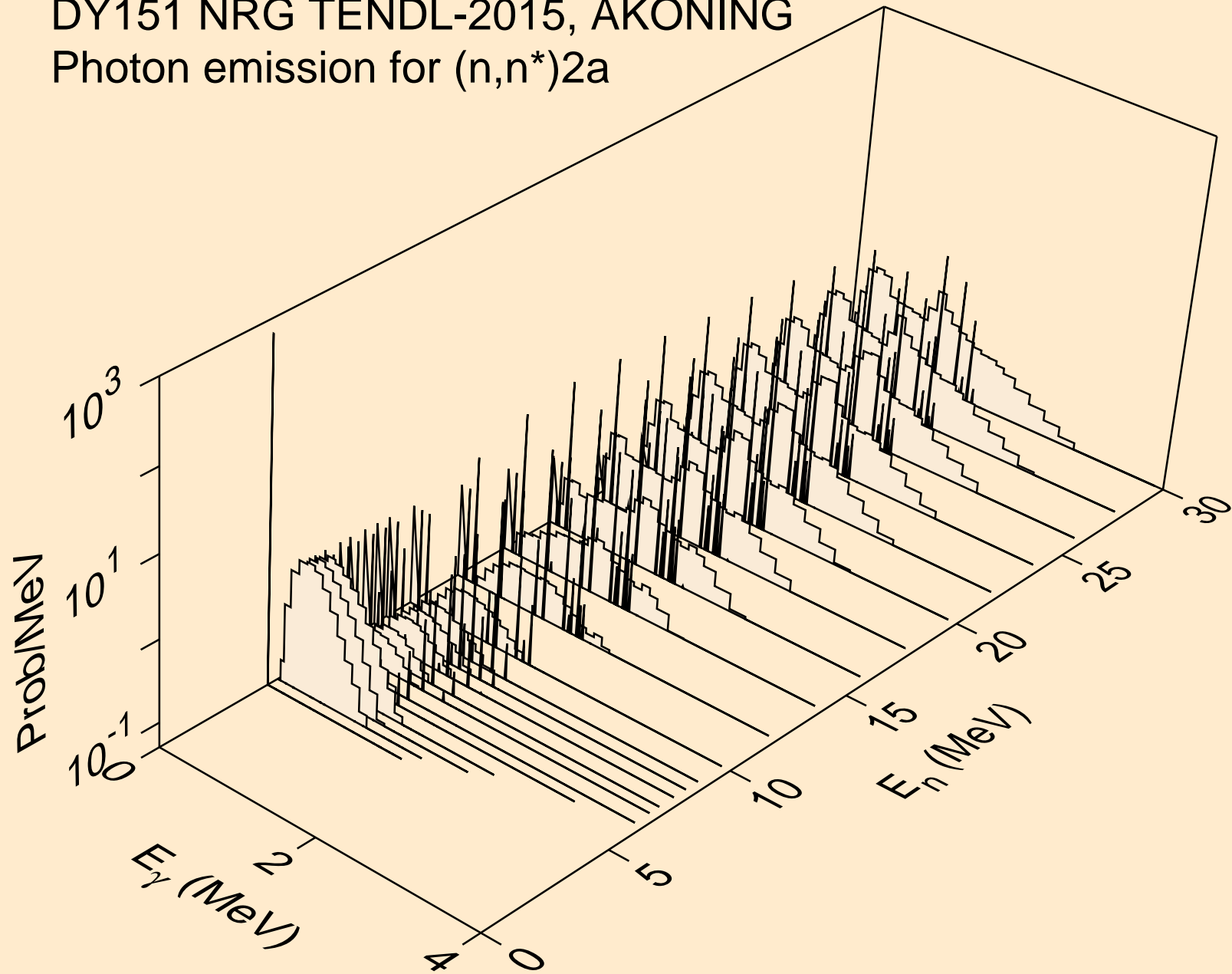




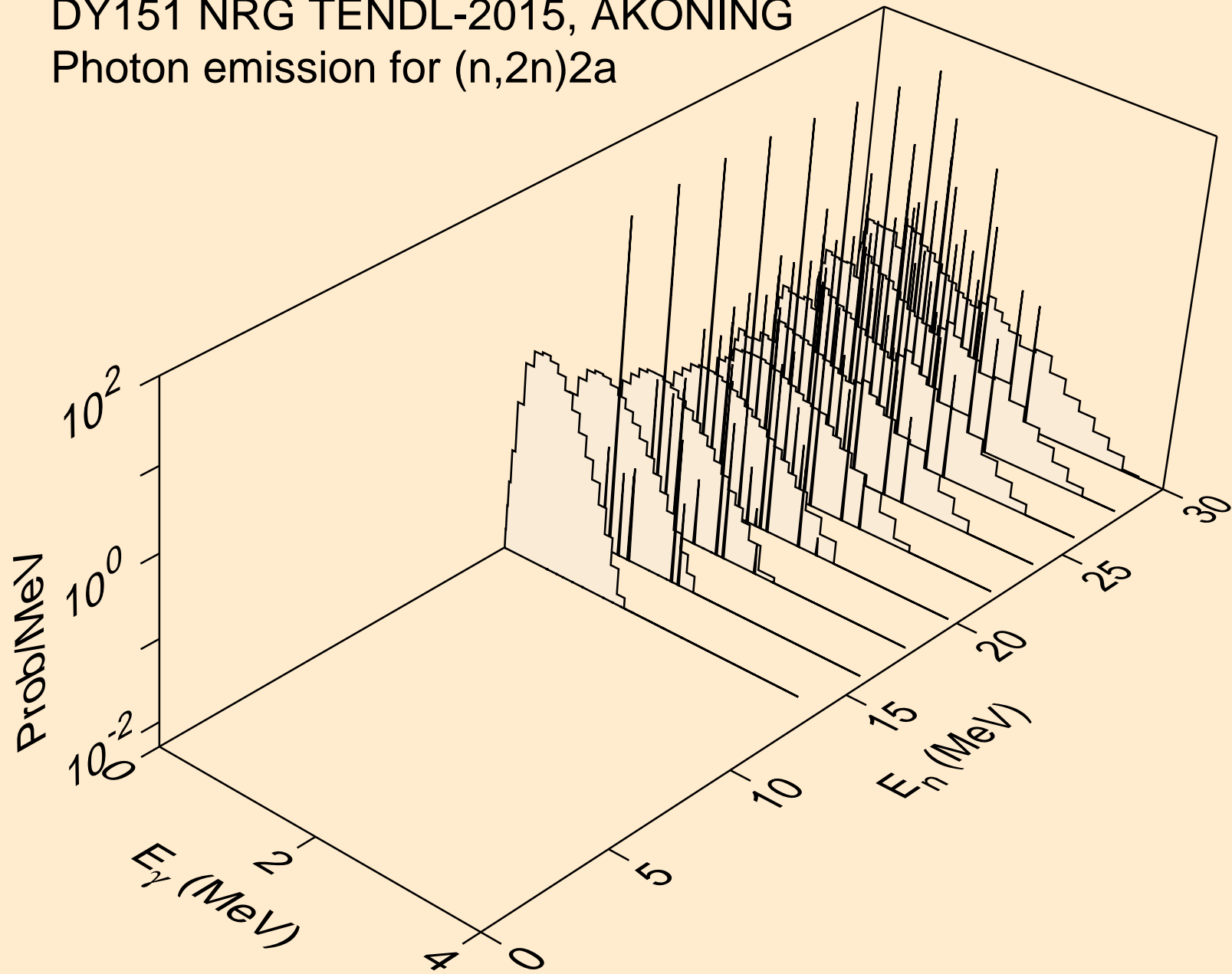
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



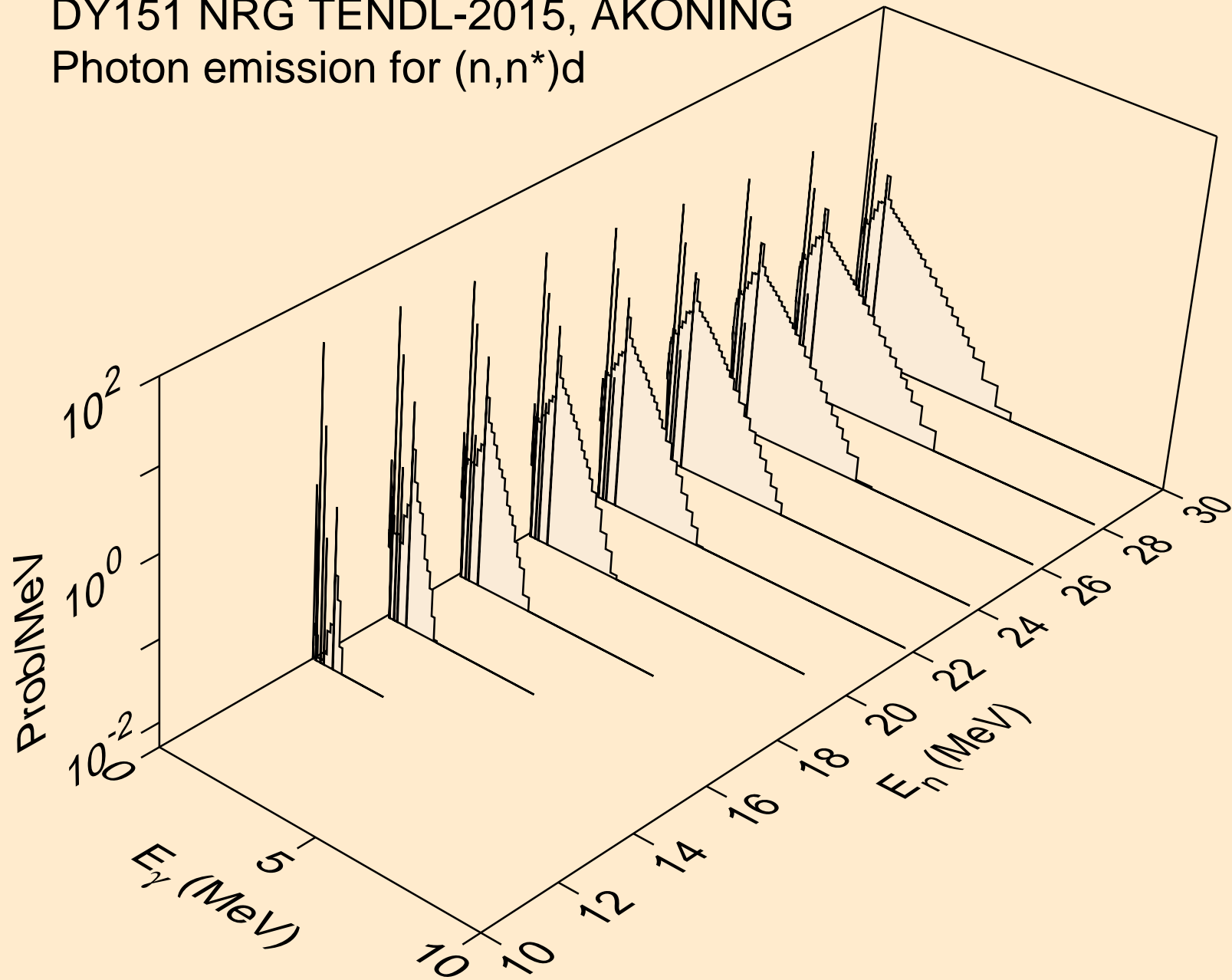
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



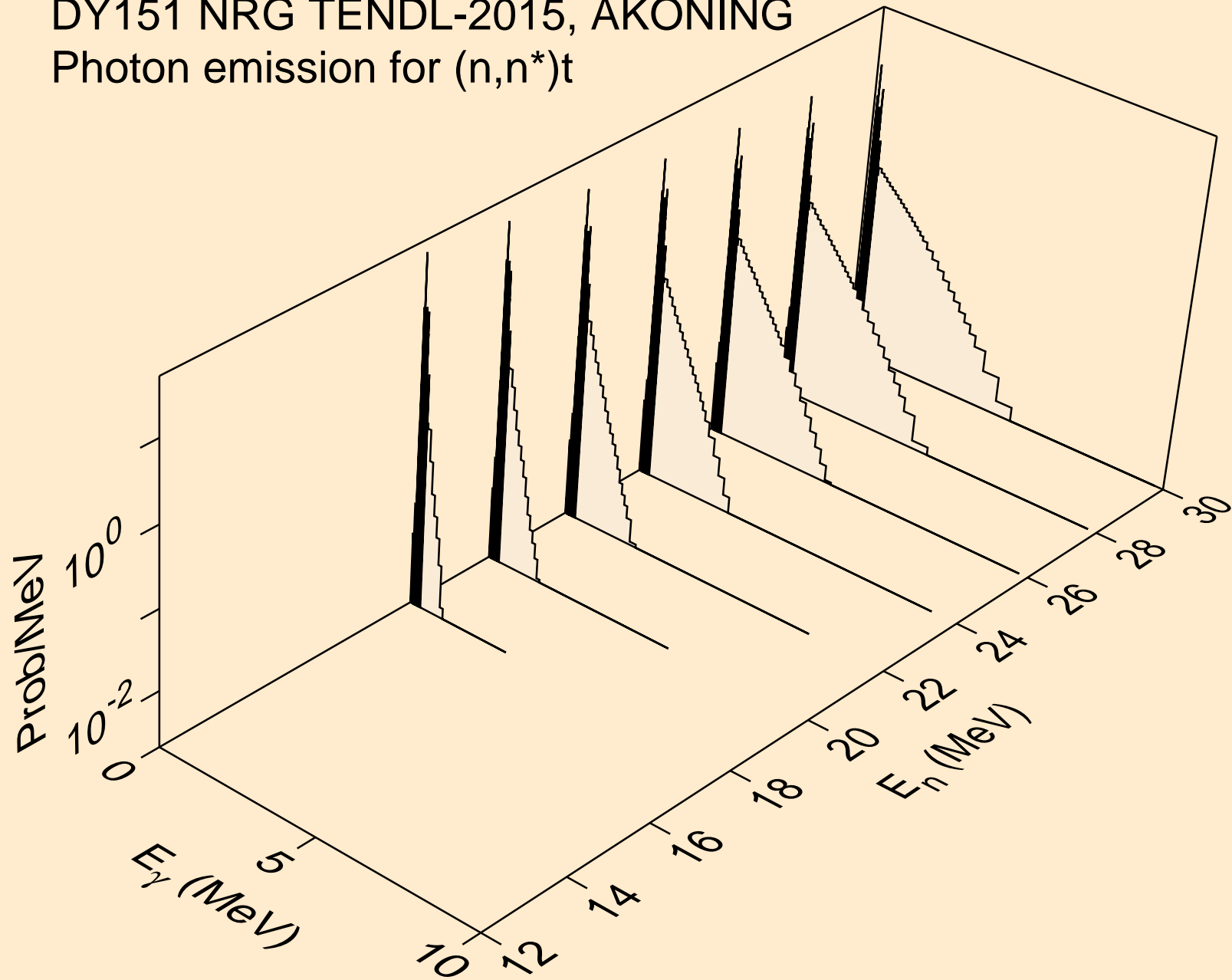
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



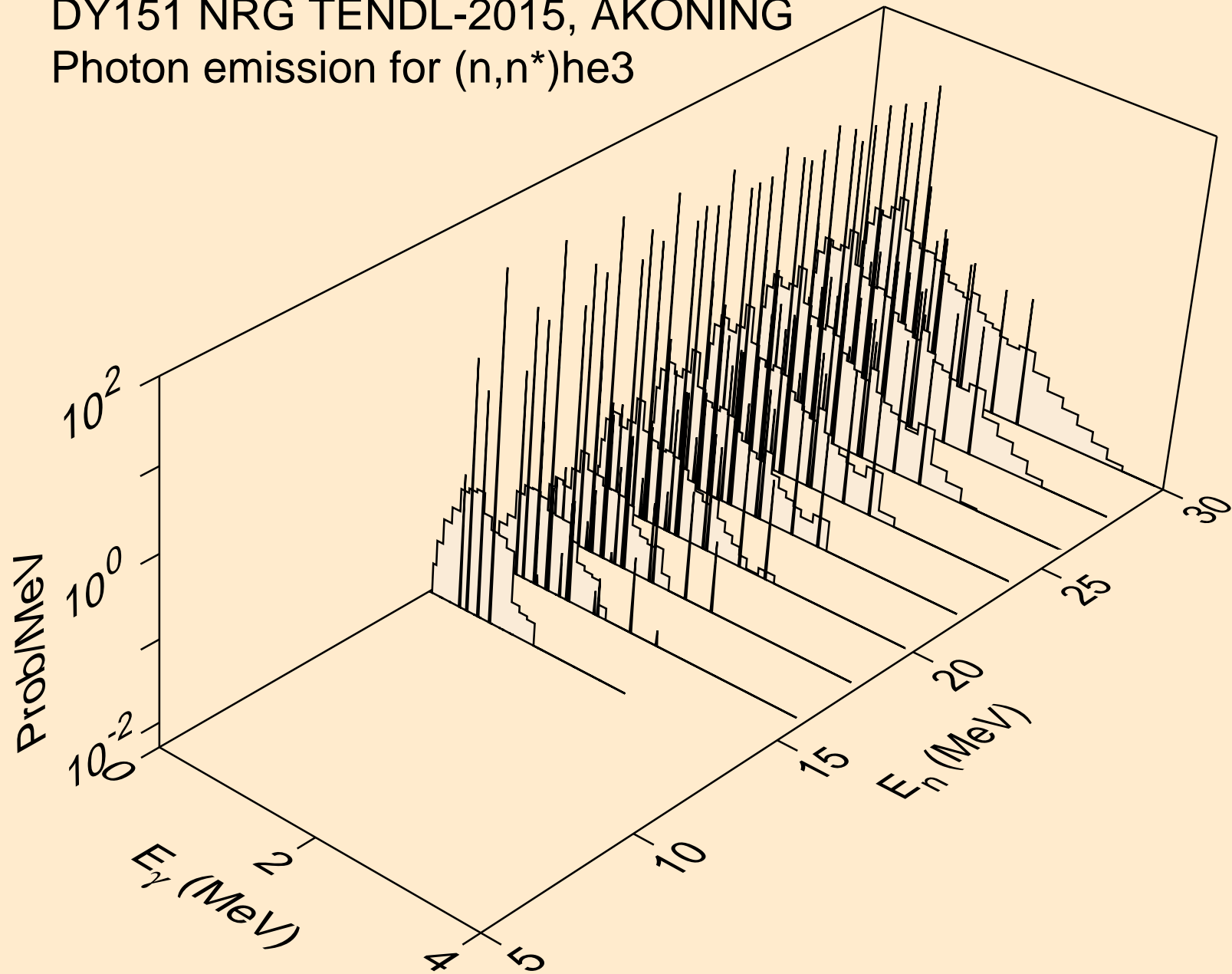
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



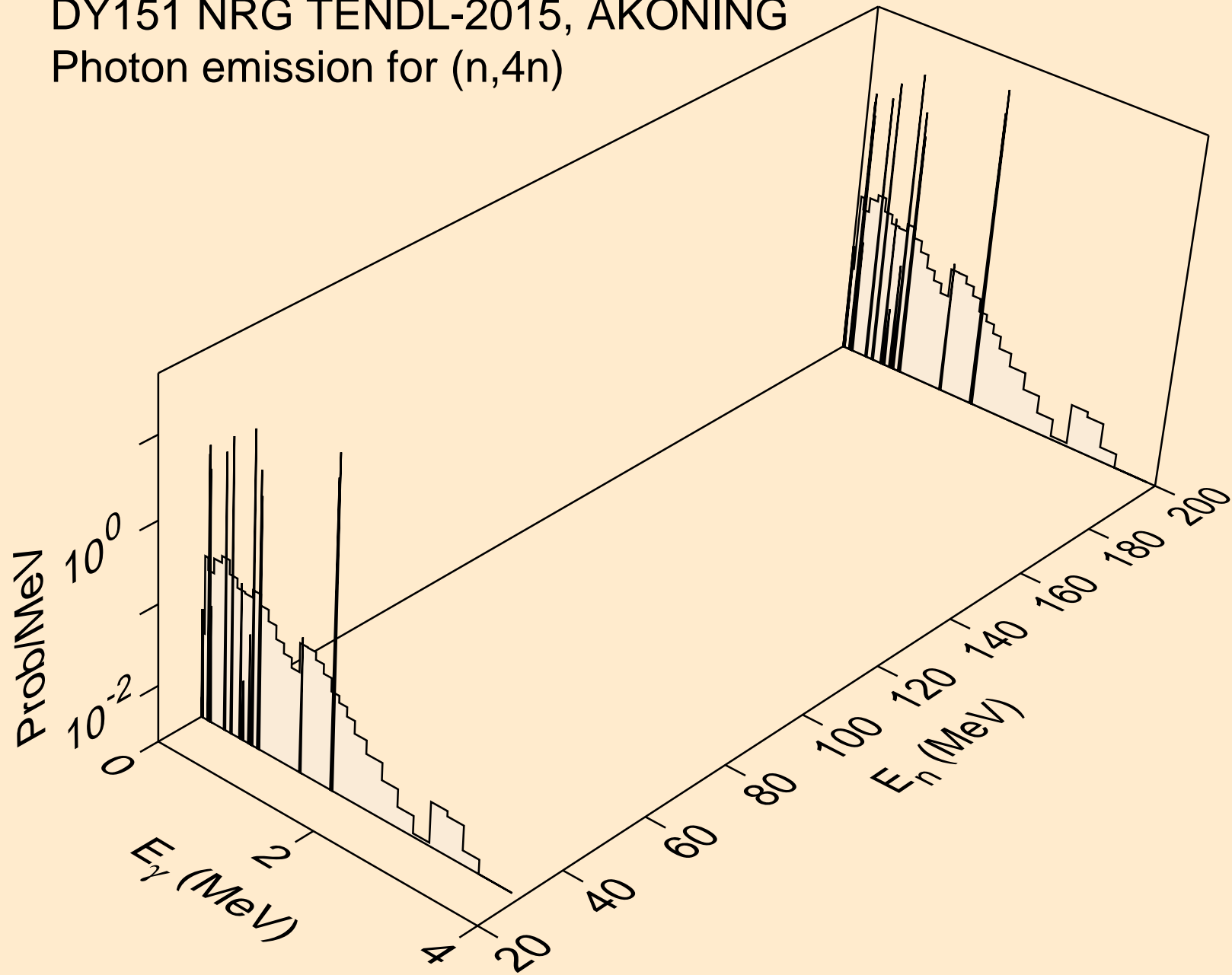
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



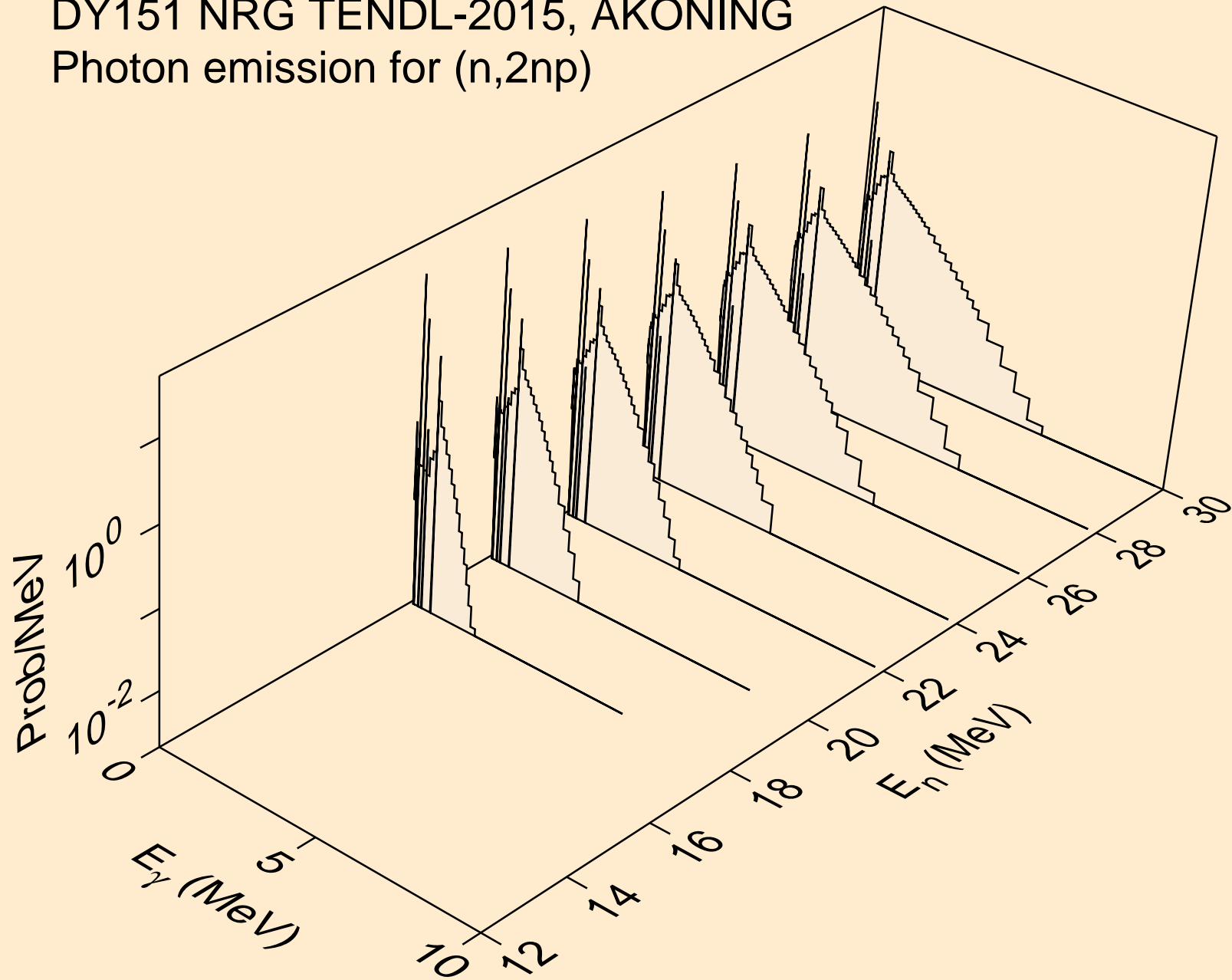
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

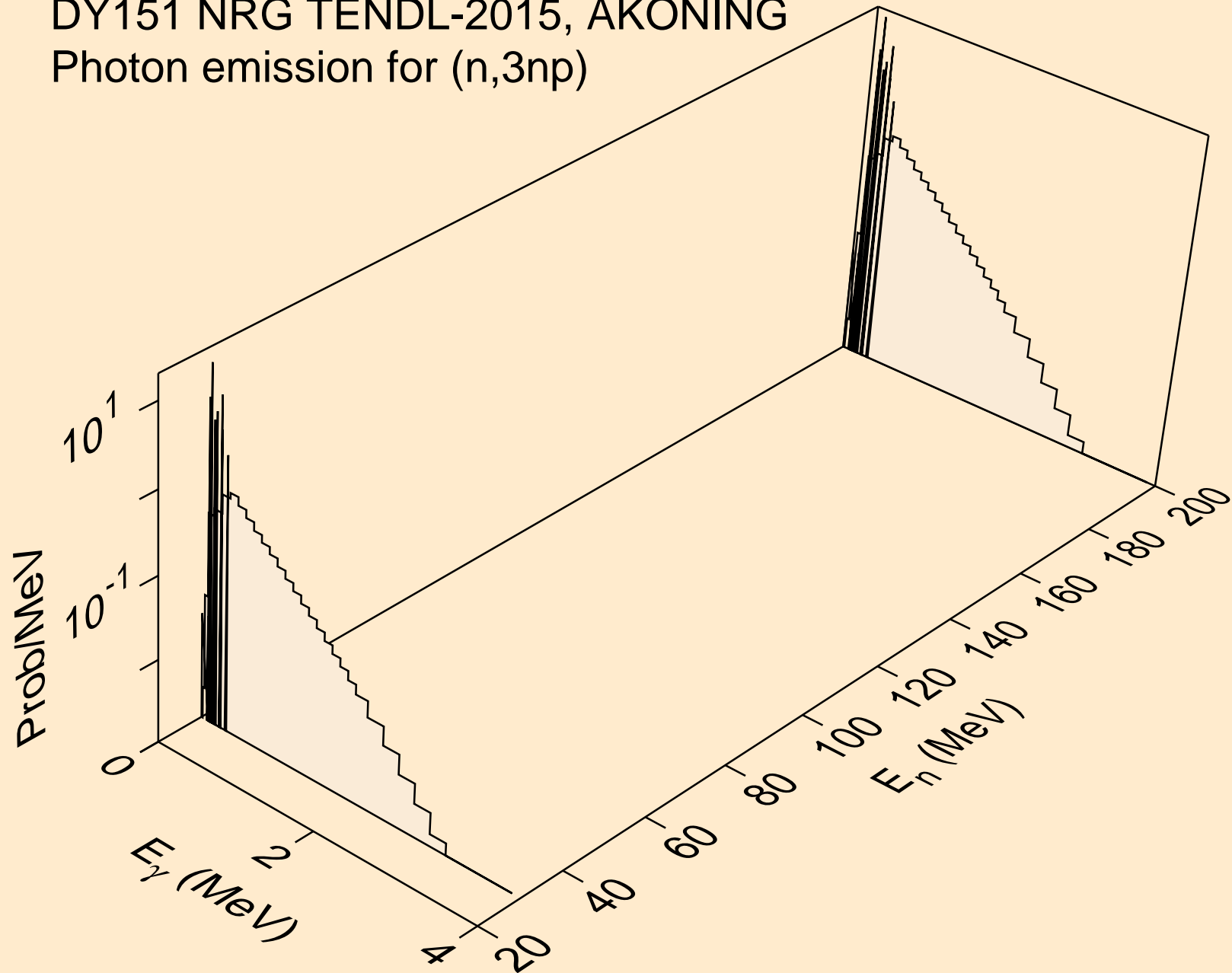


DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

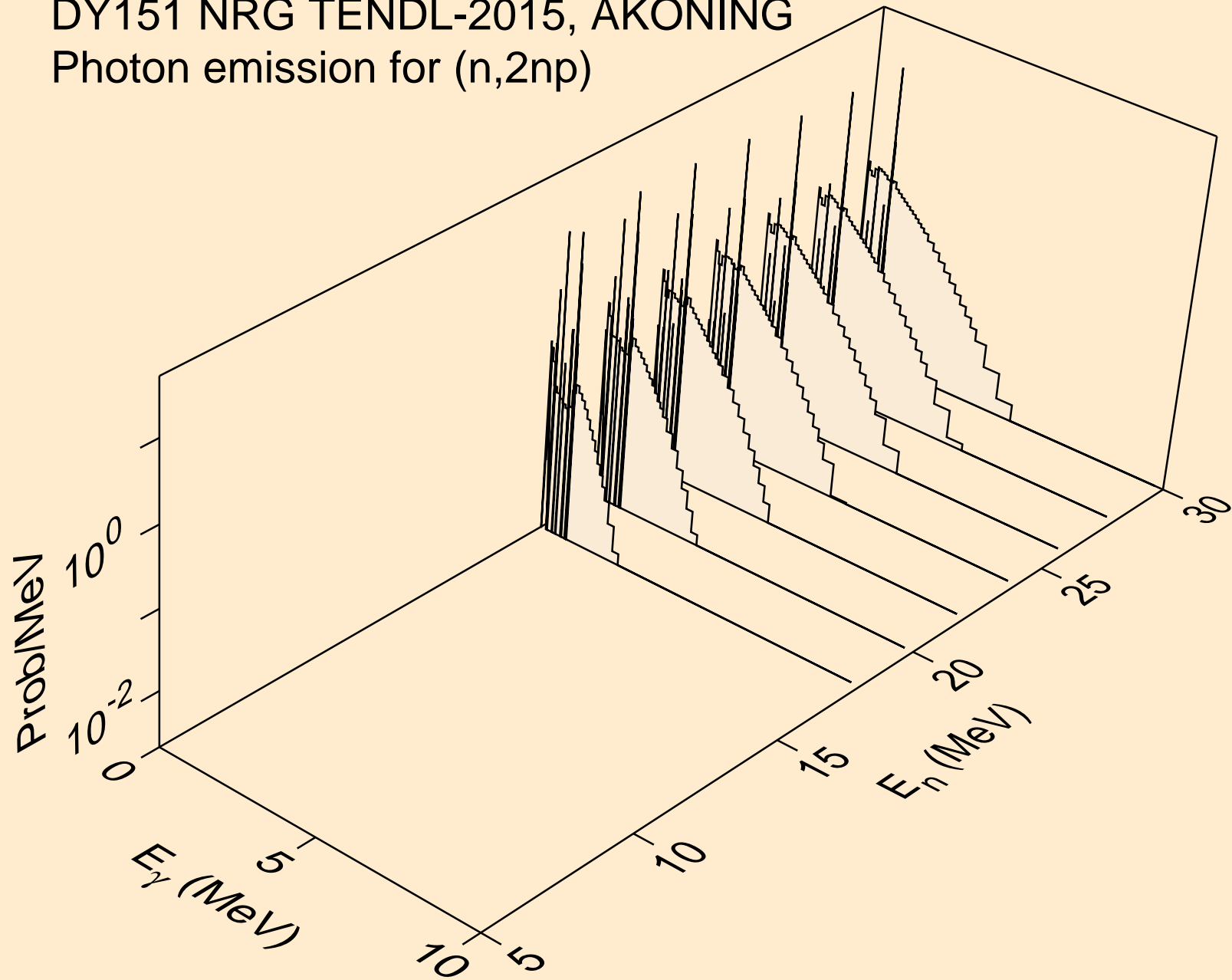




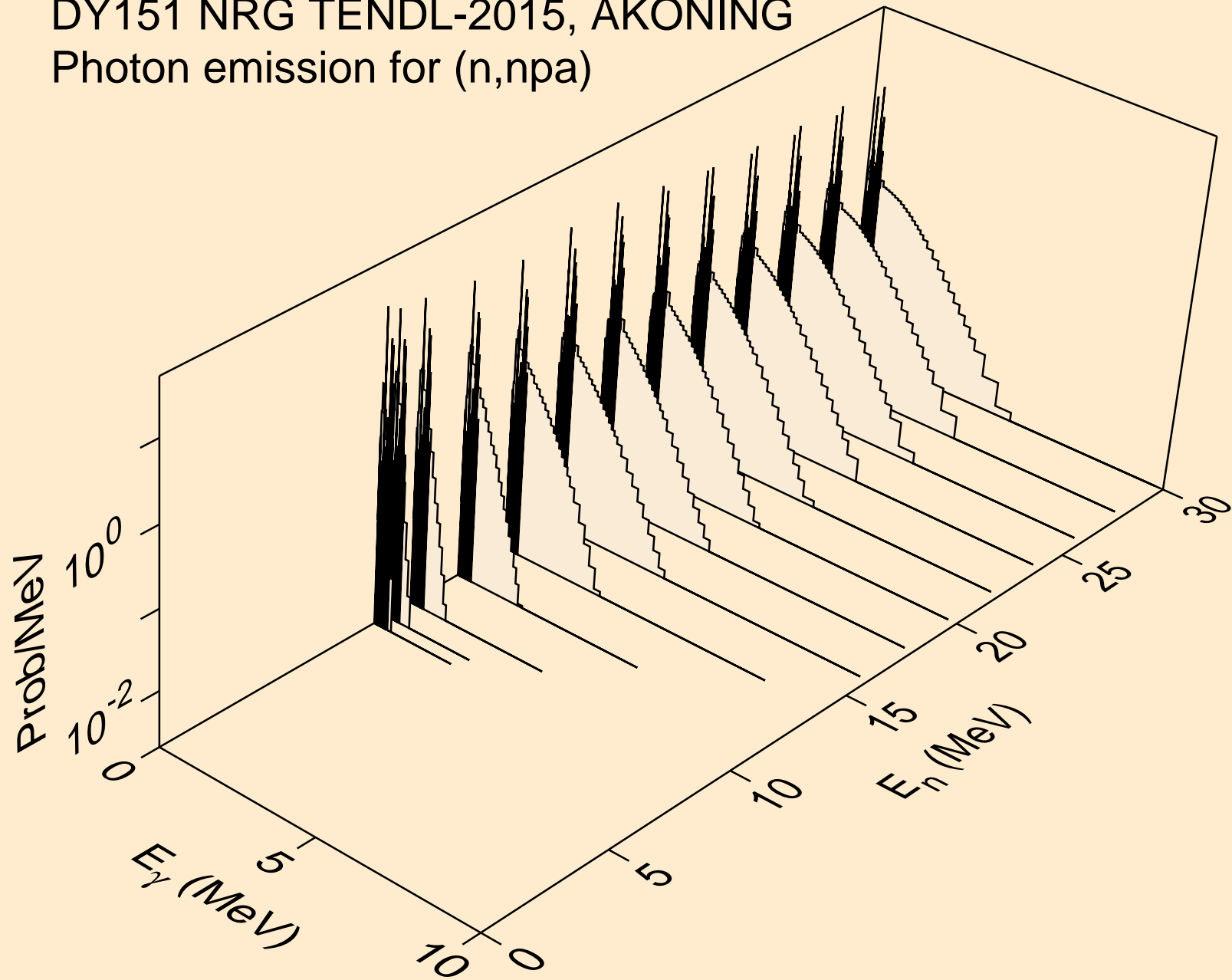
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



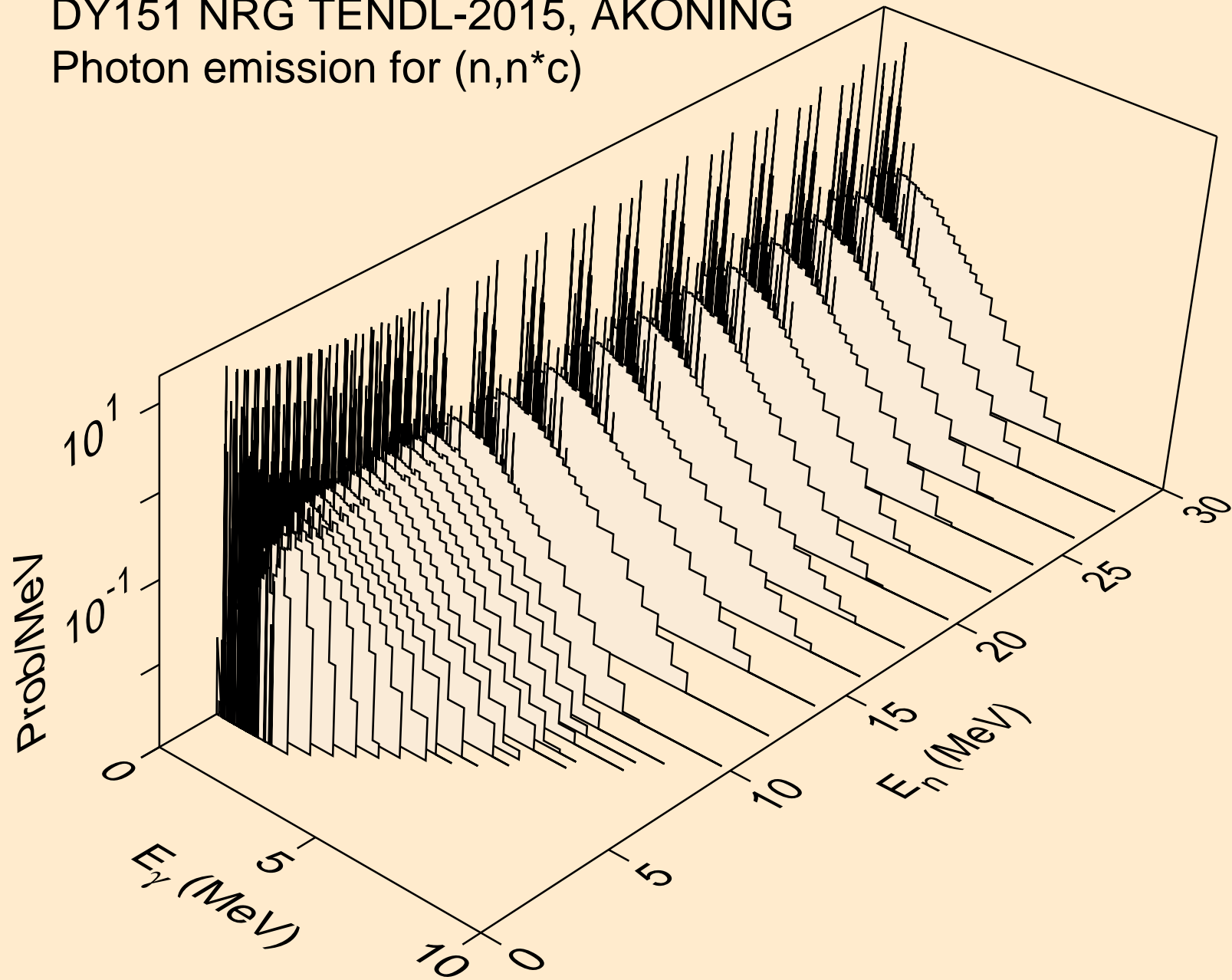
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



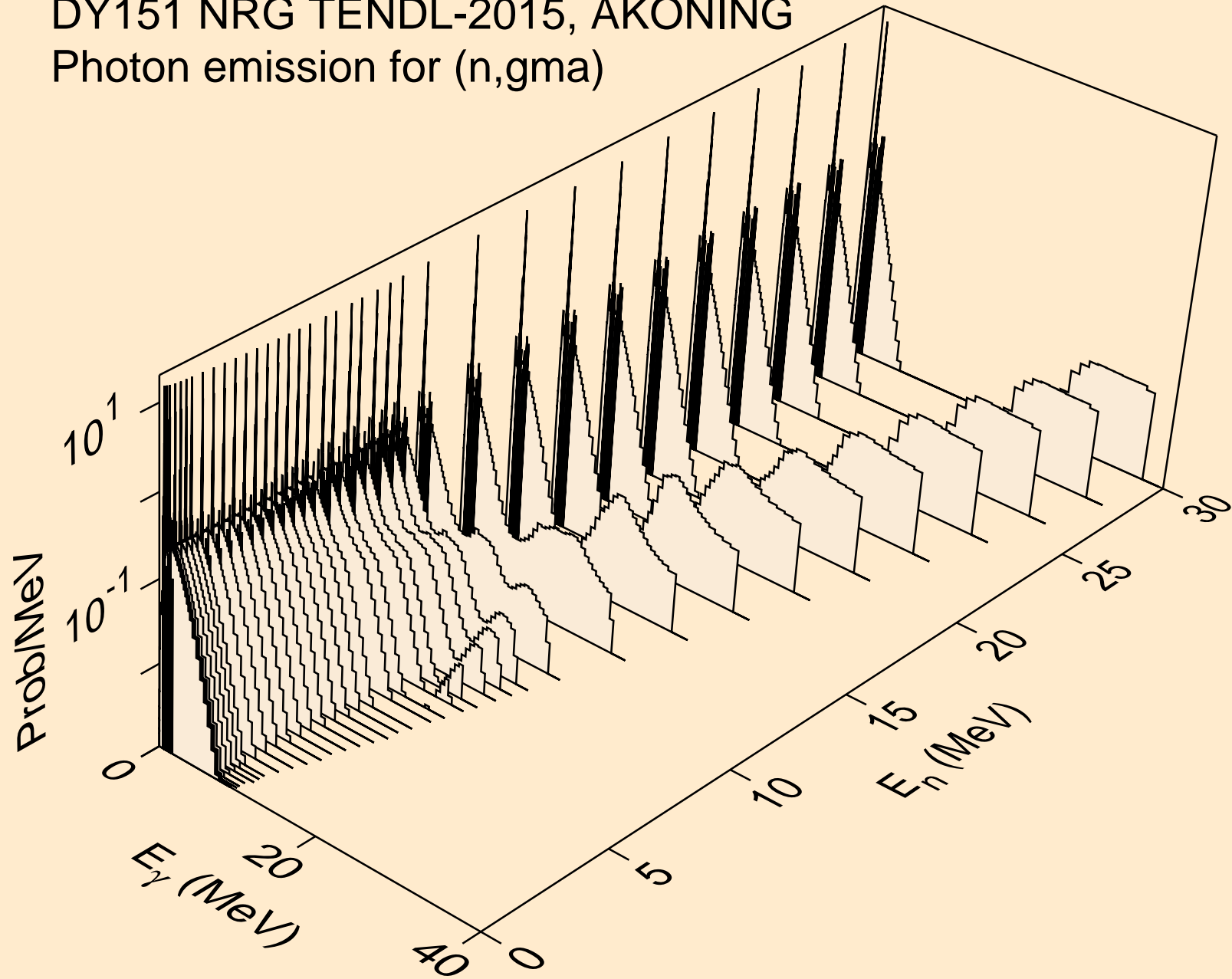
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



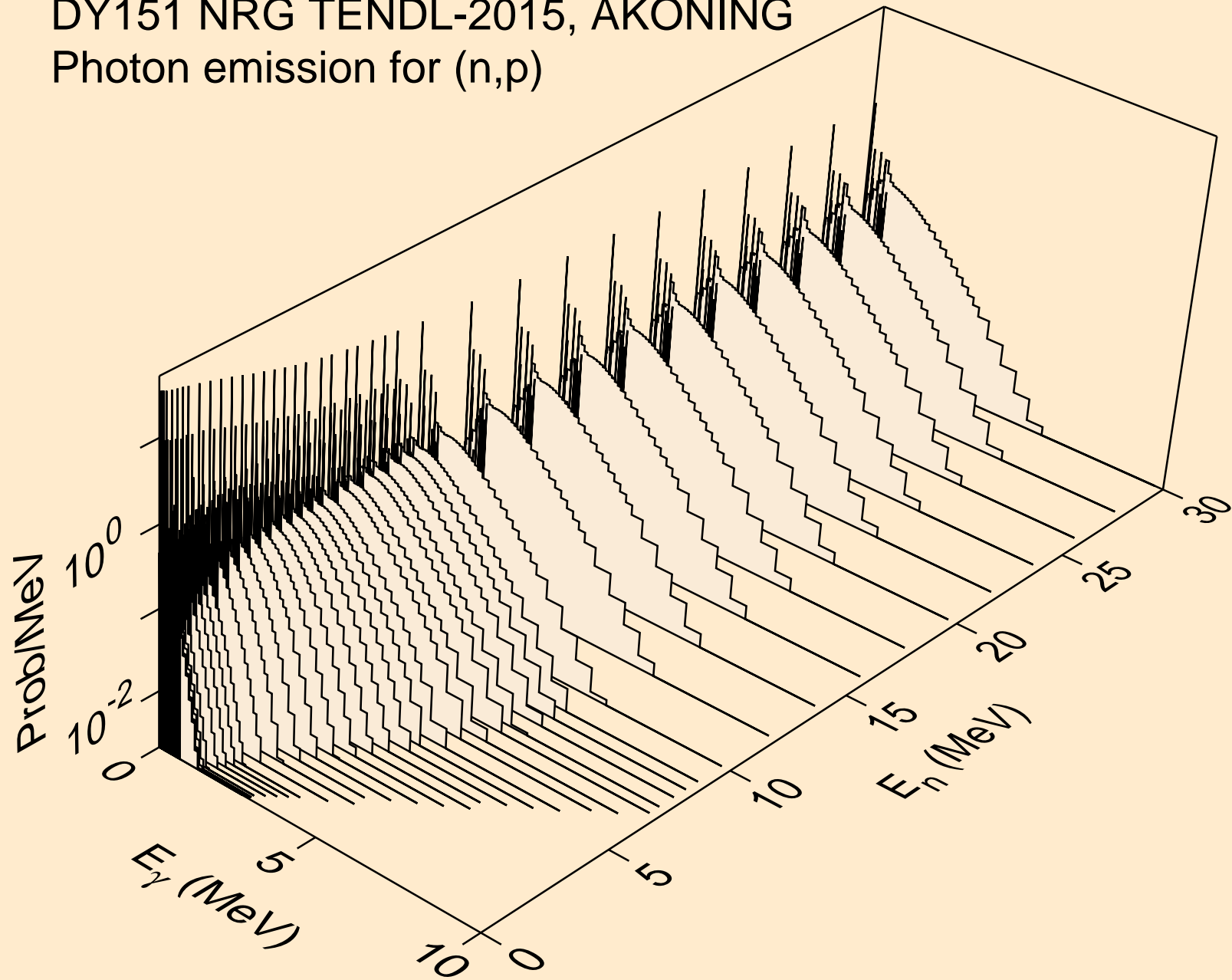
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



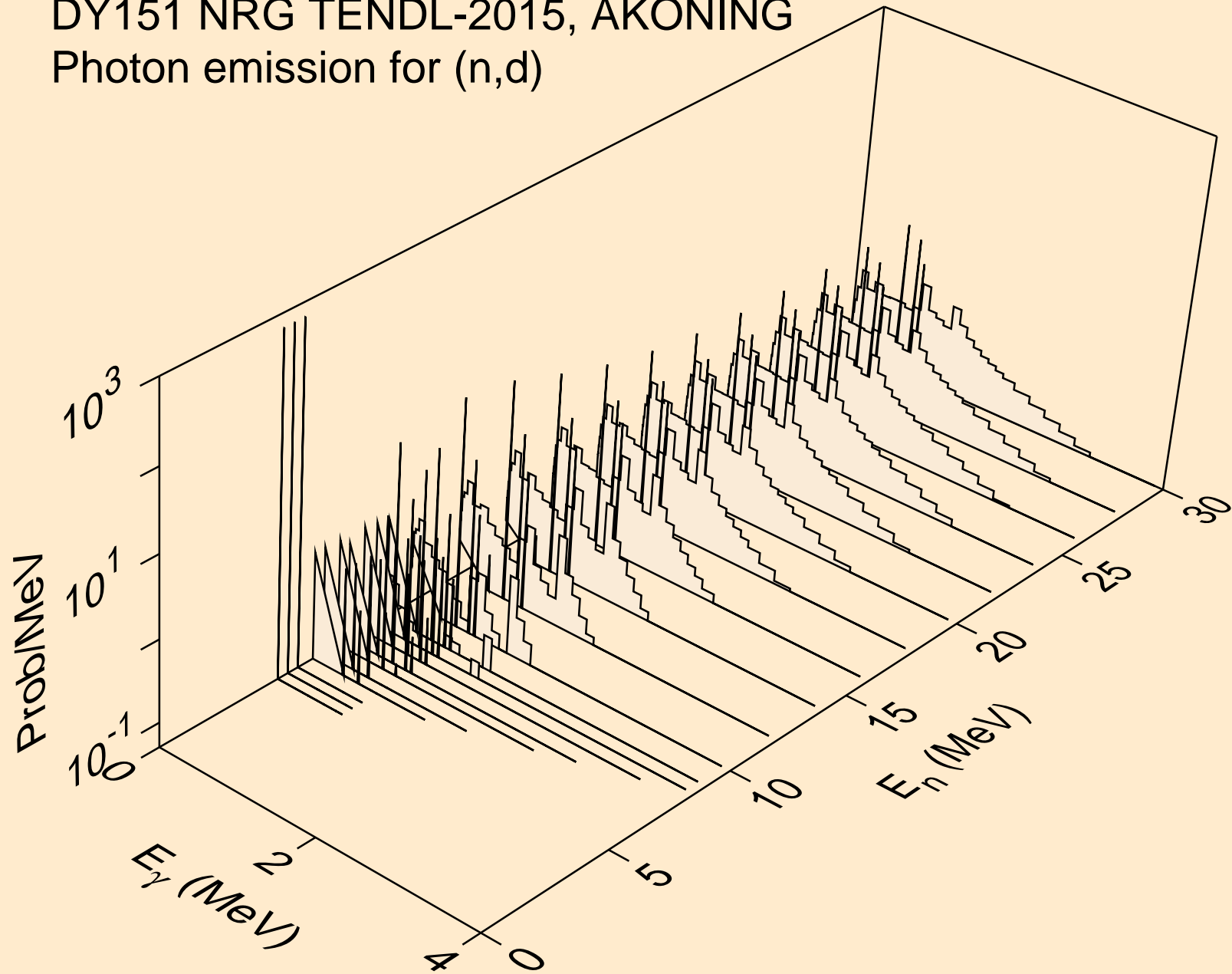
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



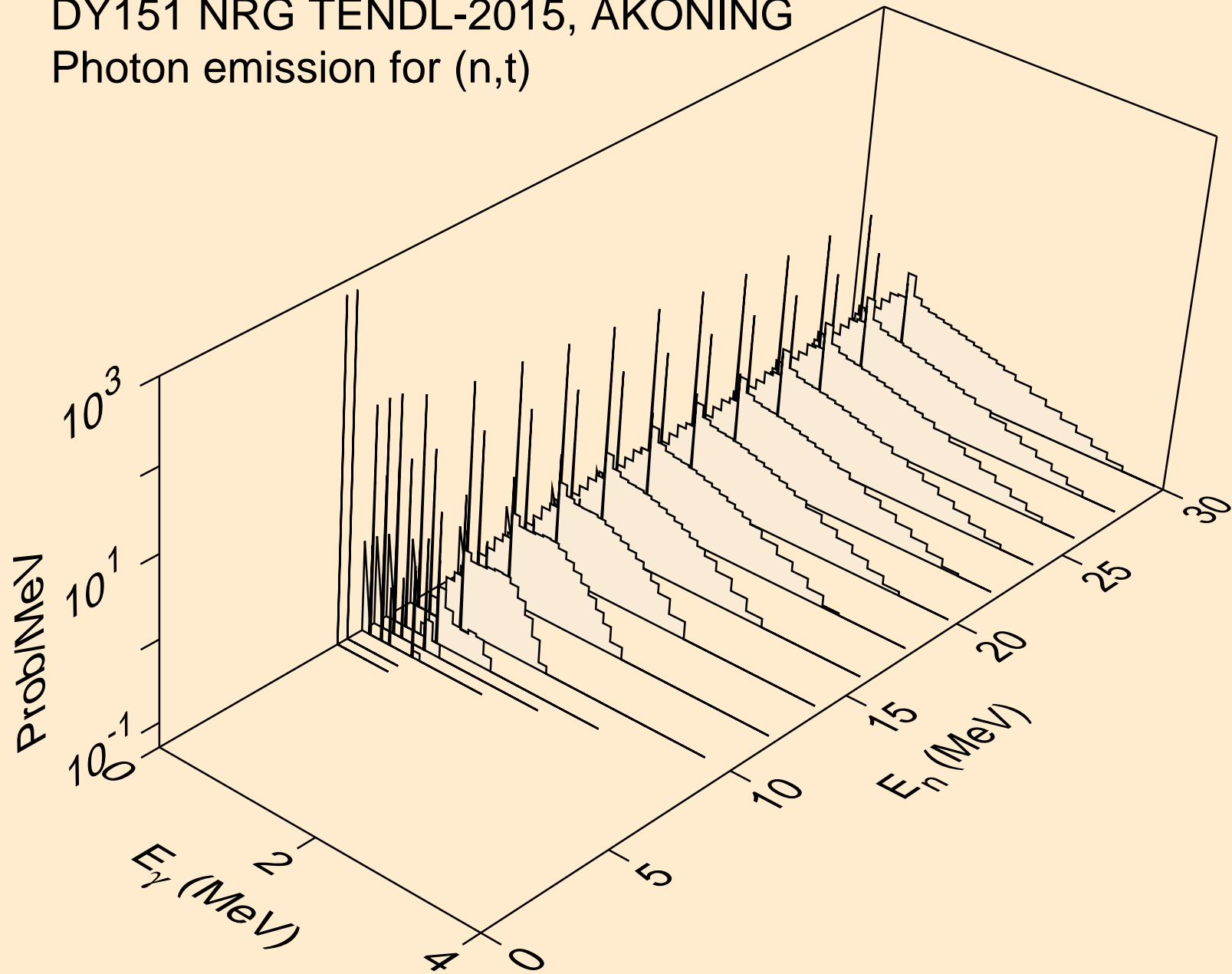
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

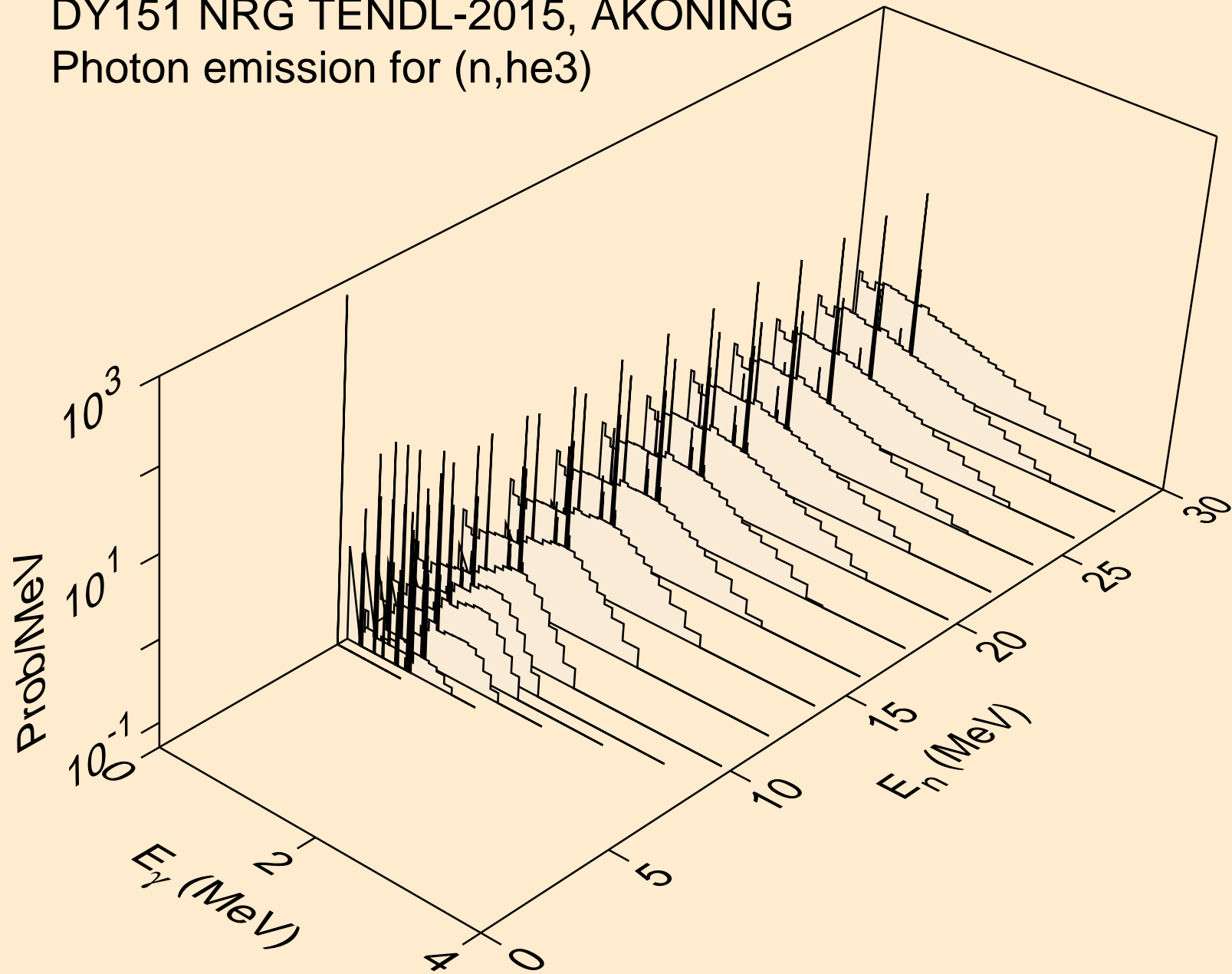


DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

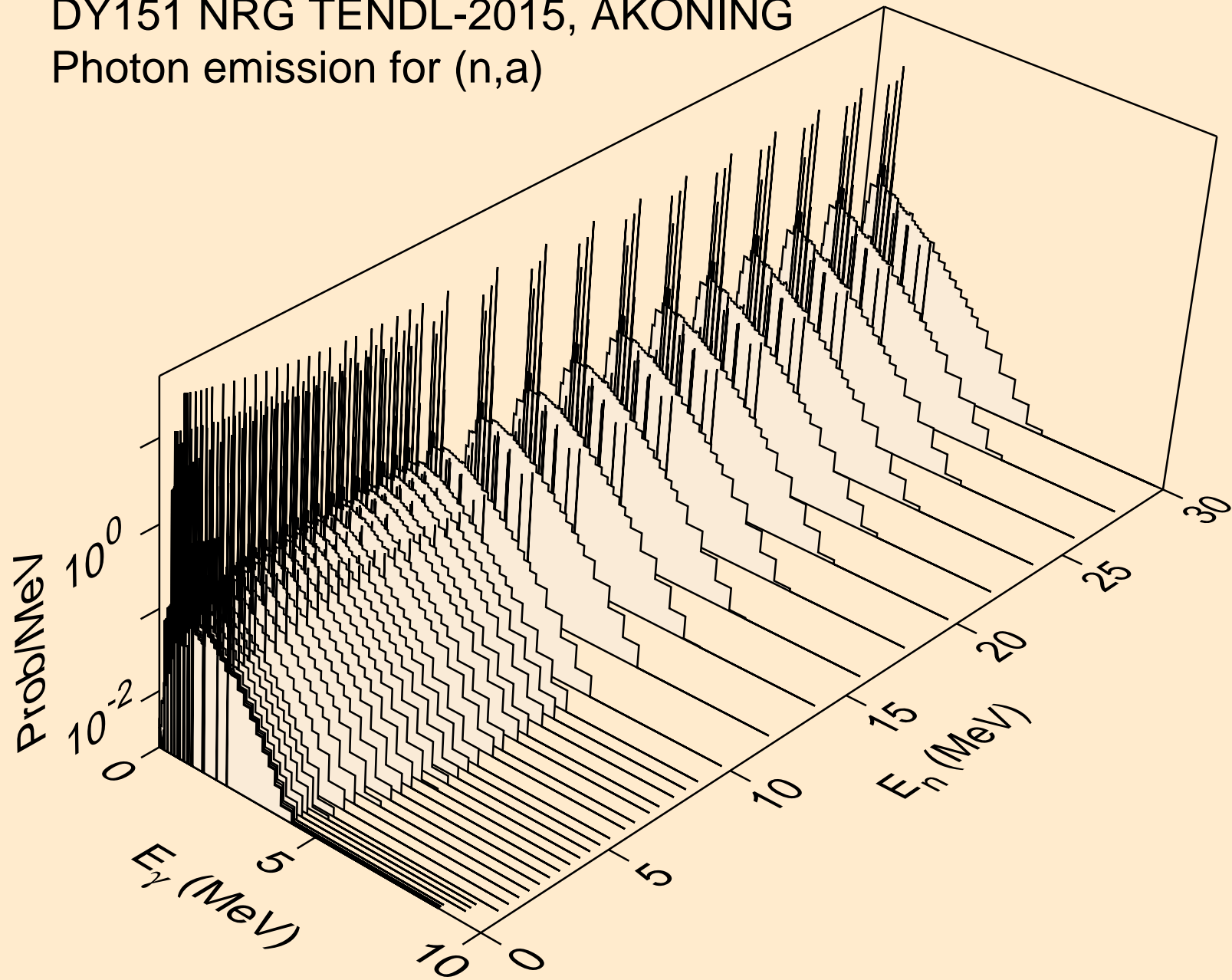




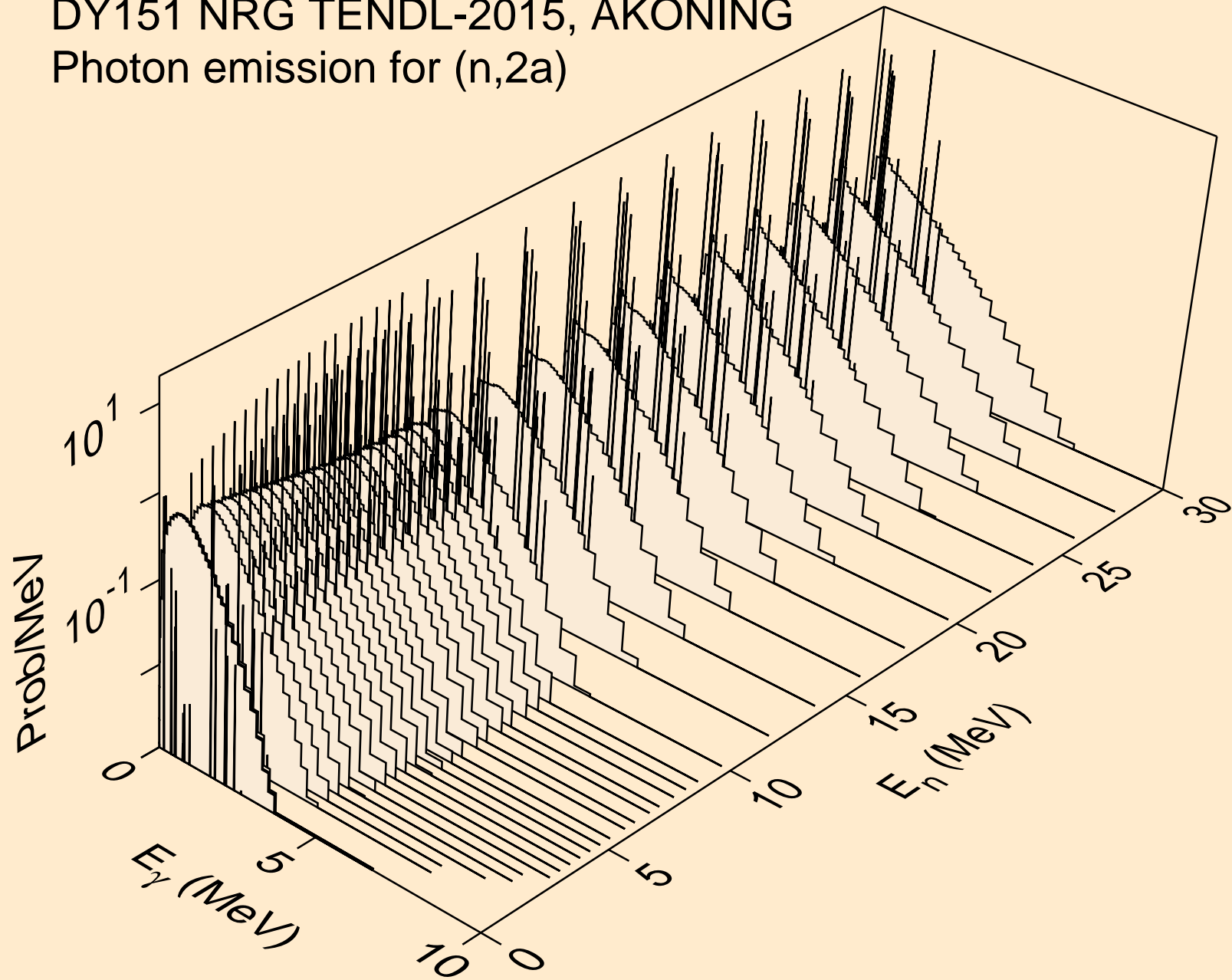
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



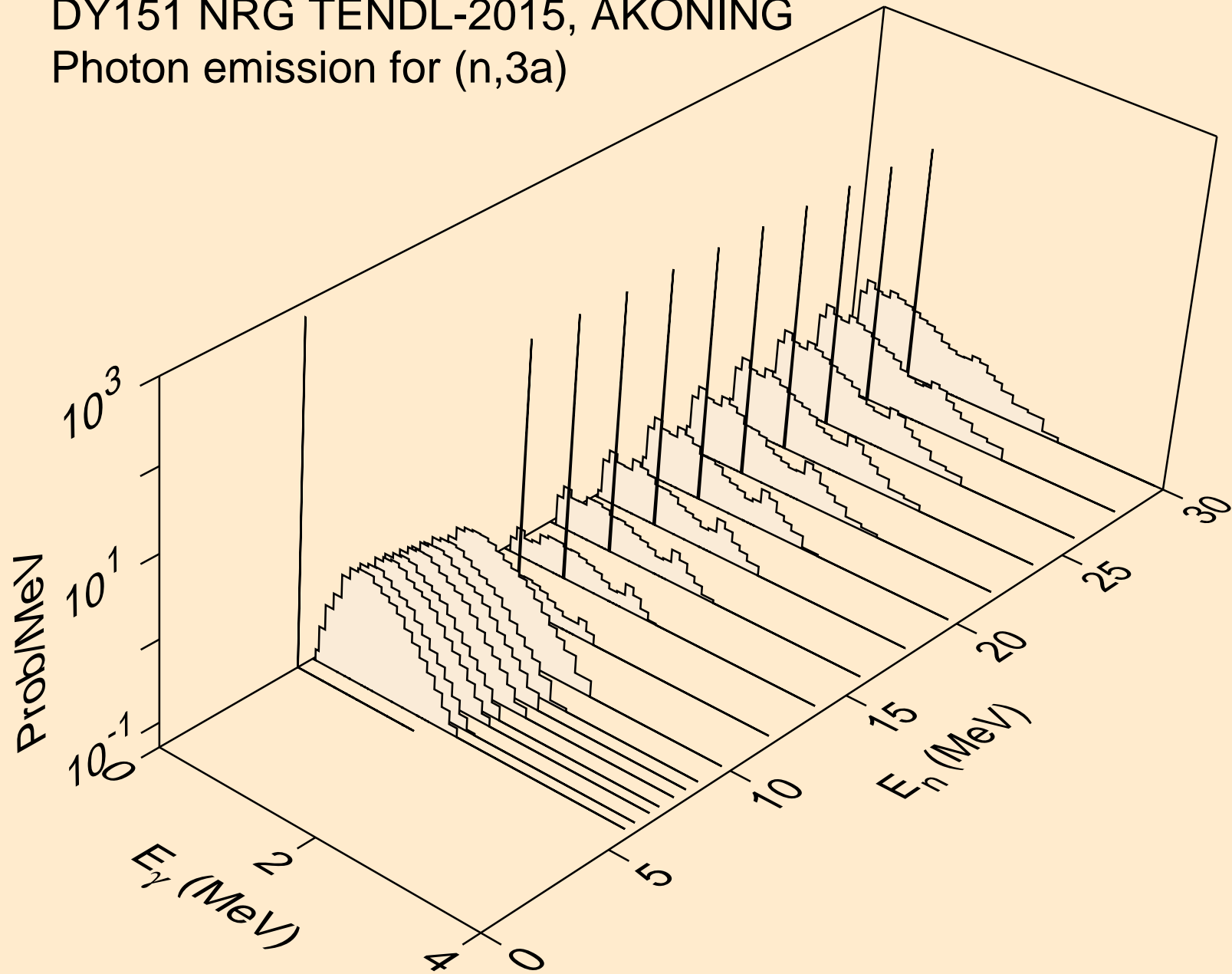
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



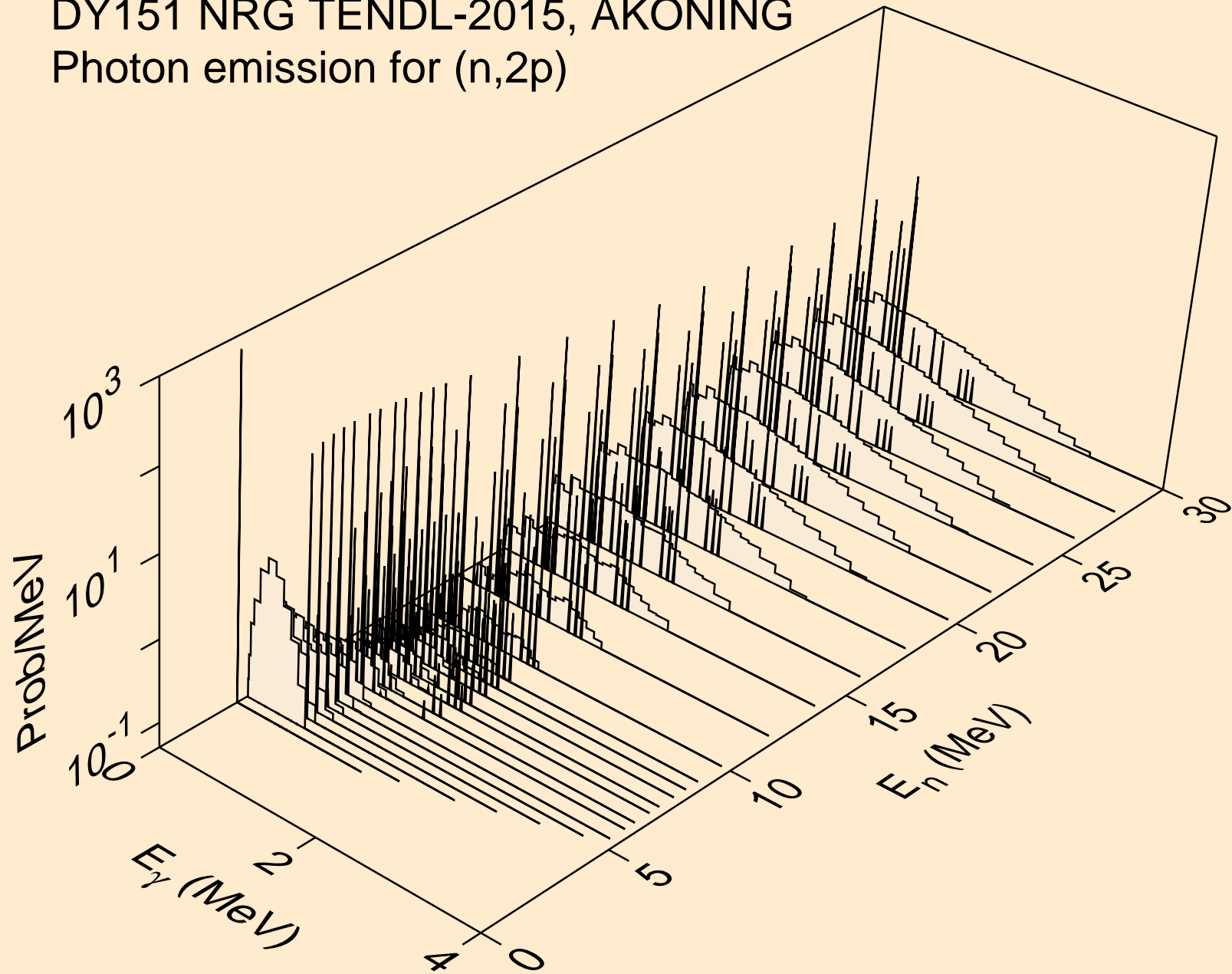
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



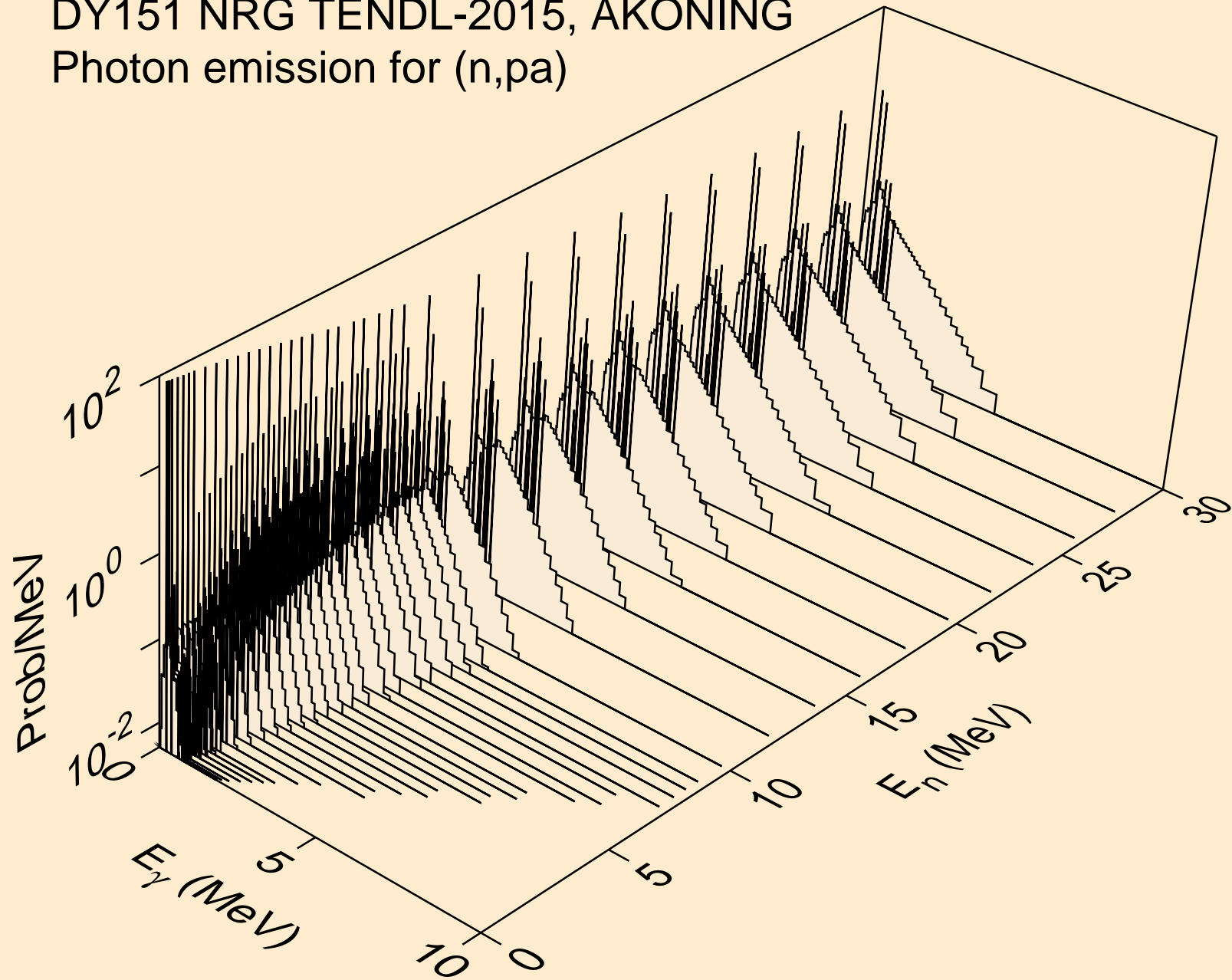
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



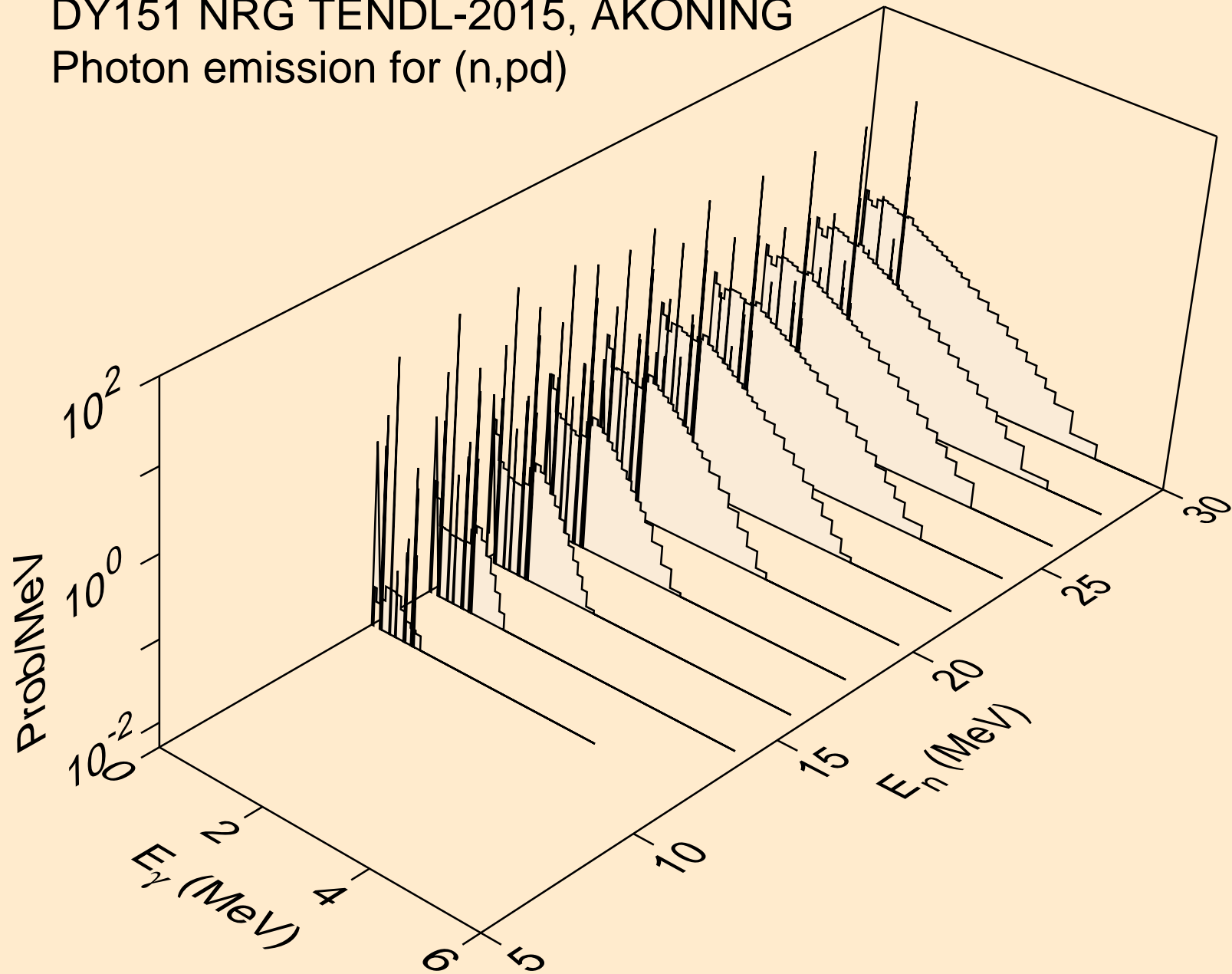
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Photon emission for (n,2p)



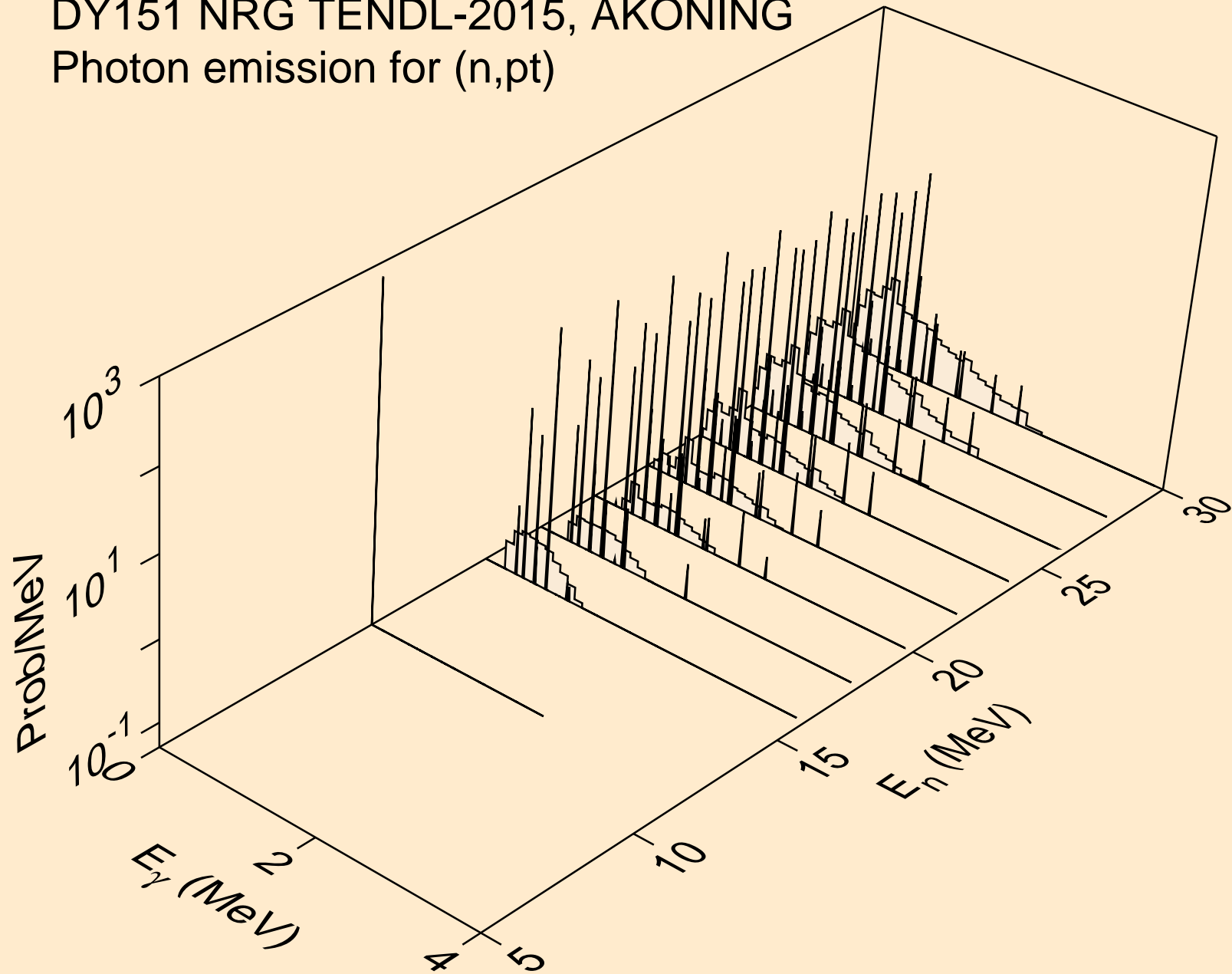
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

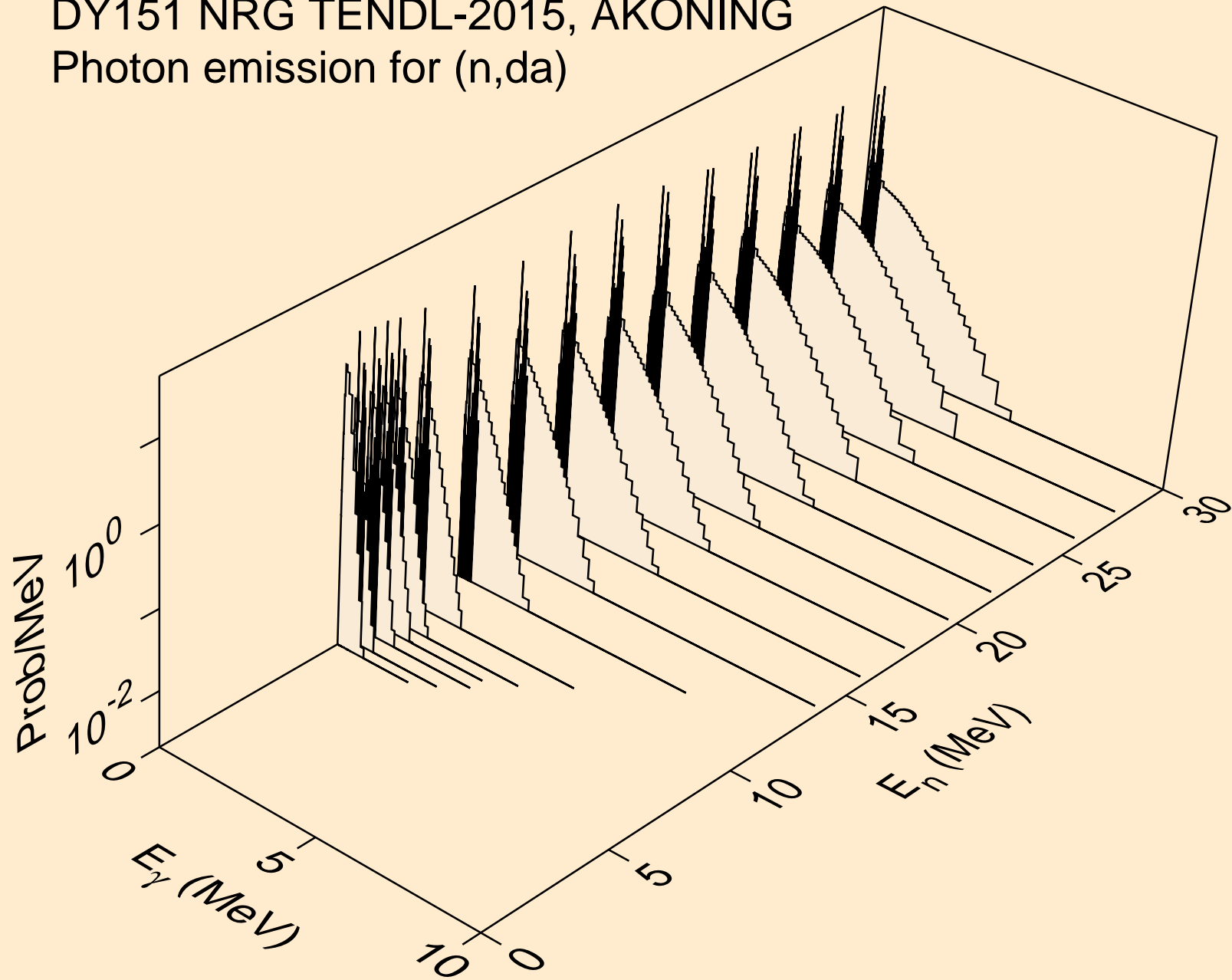


DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

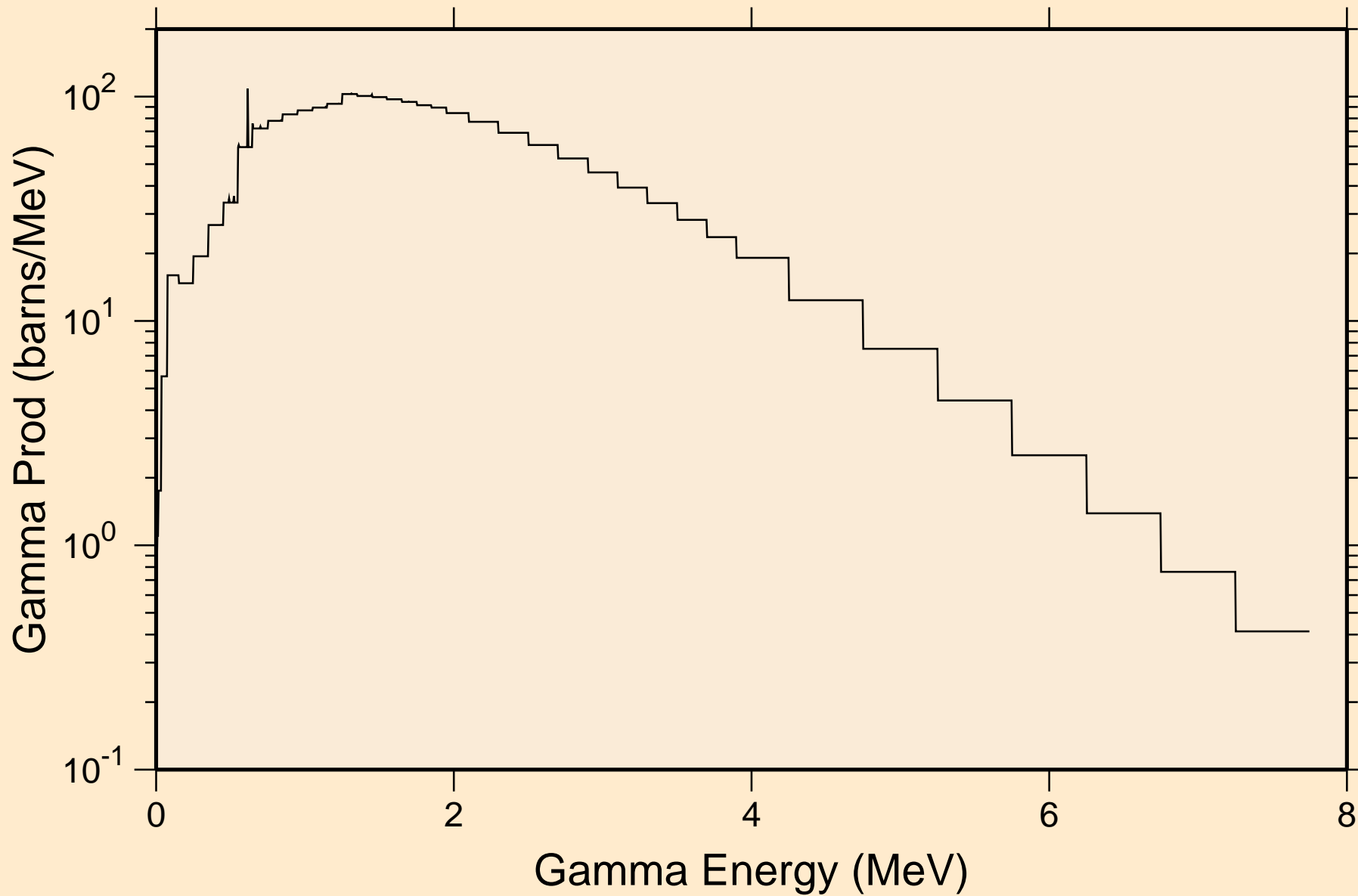




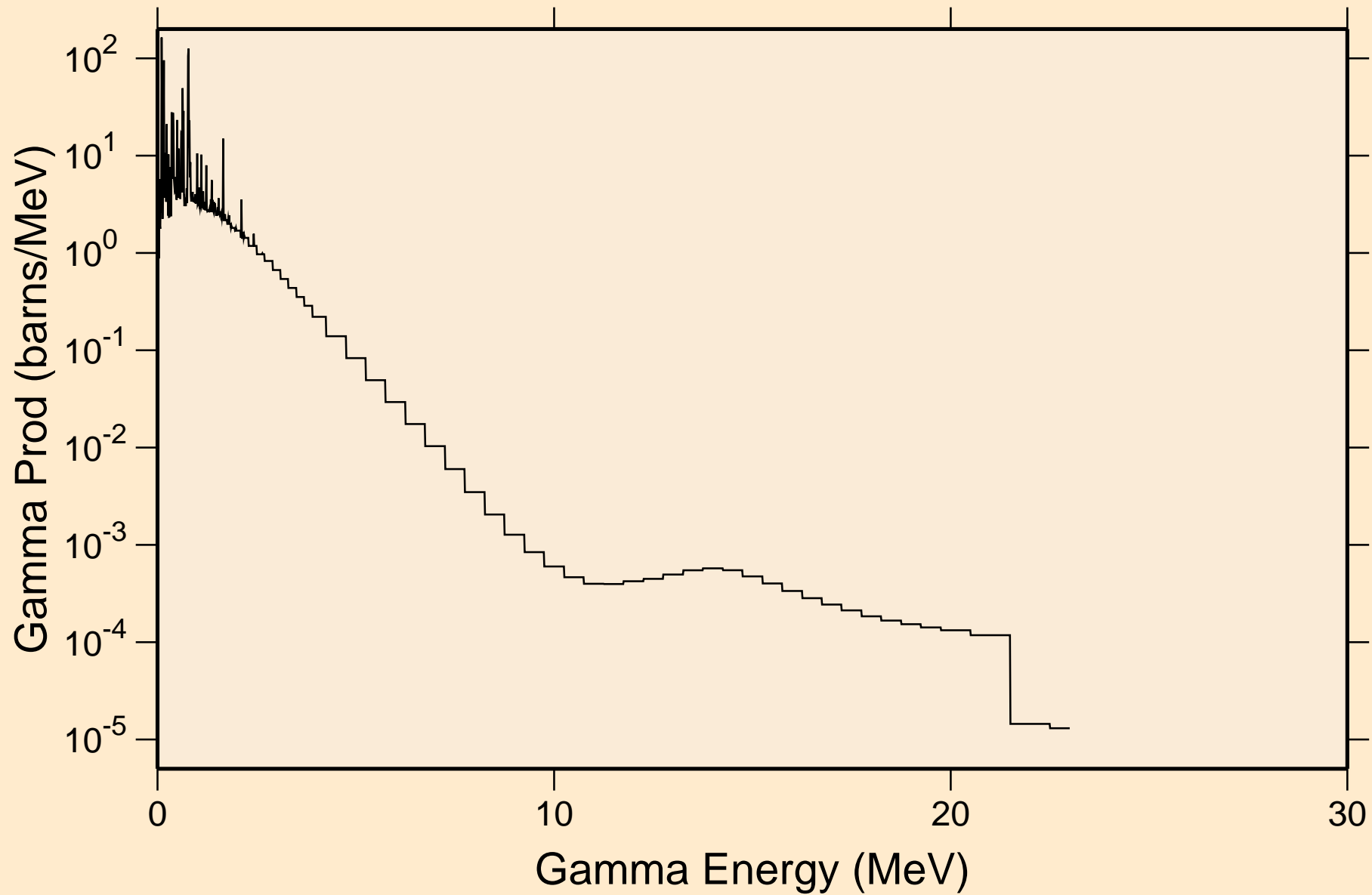
DY151 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



DY151 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

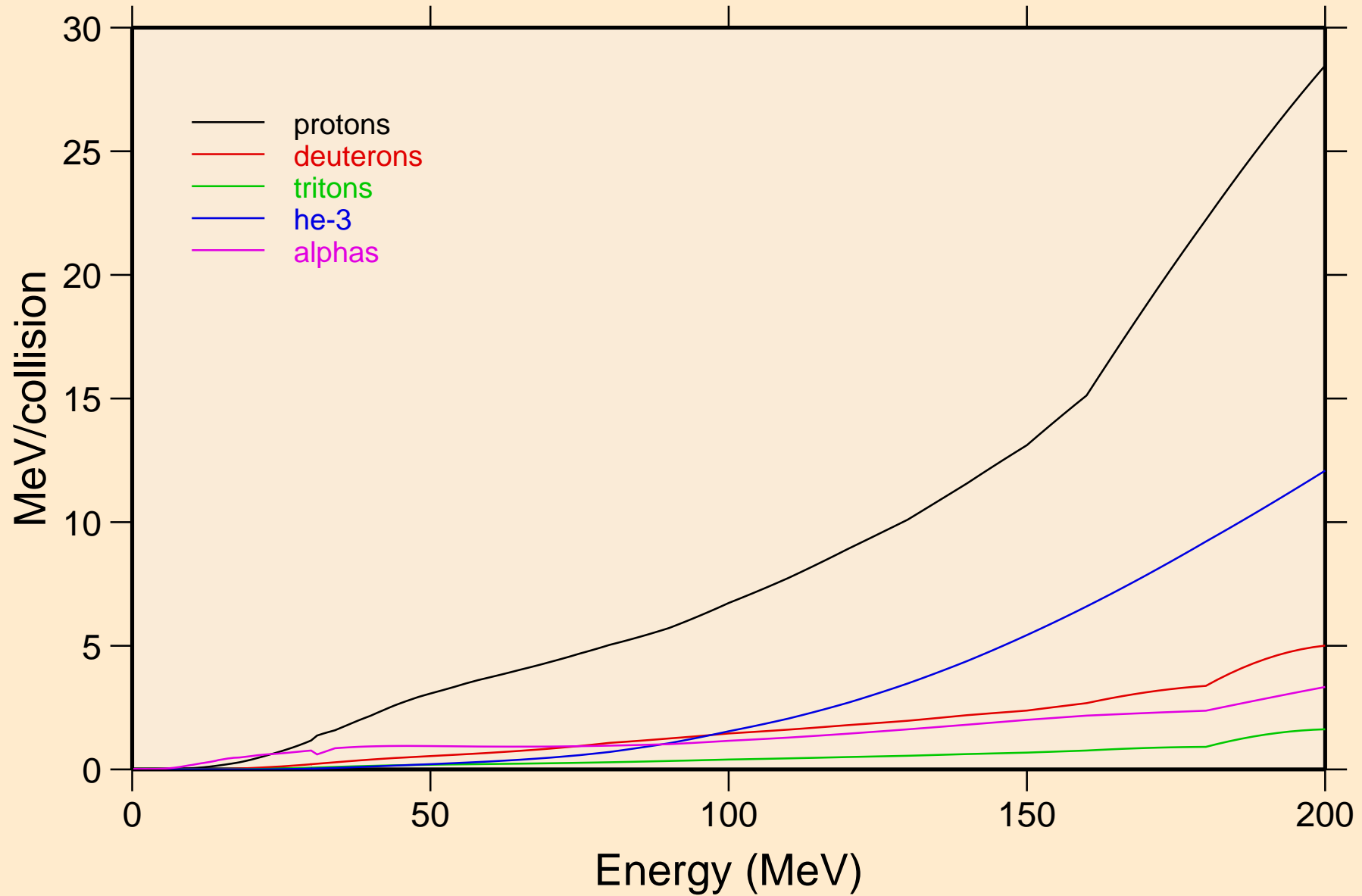


DY151 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



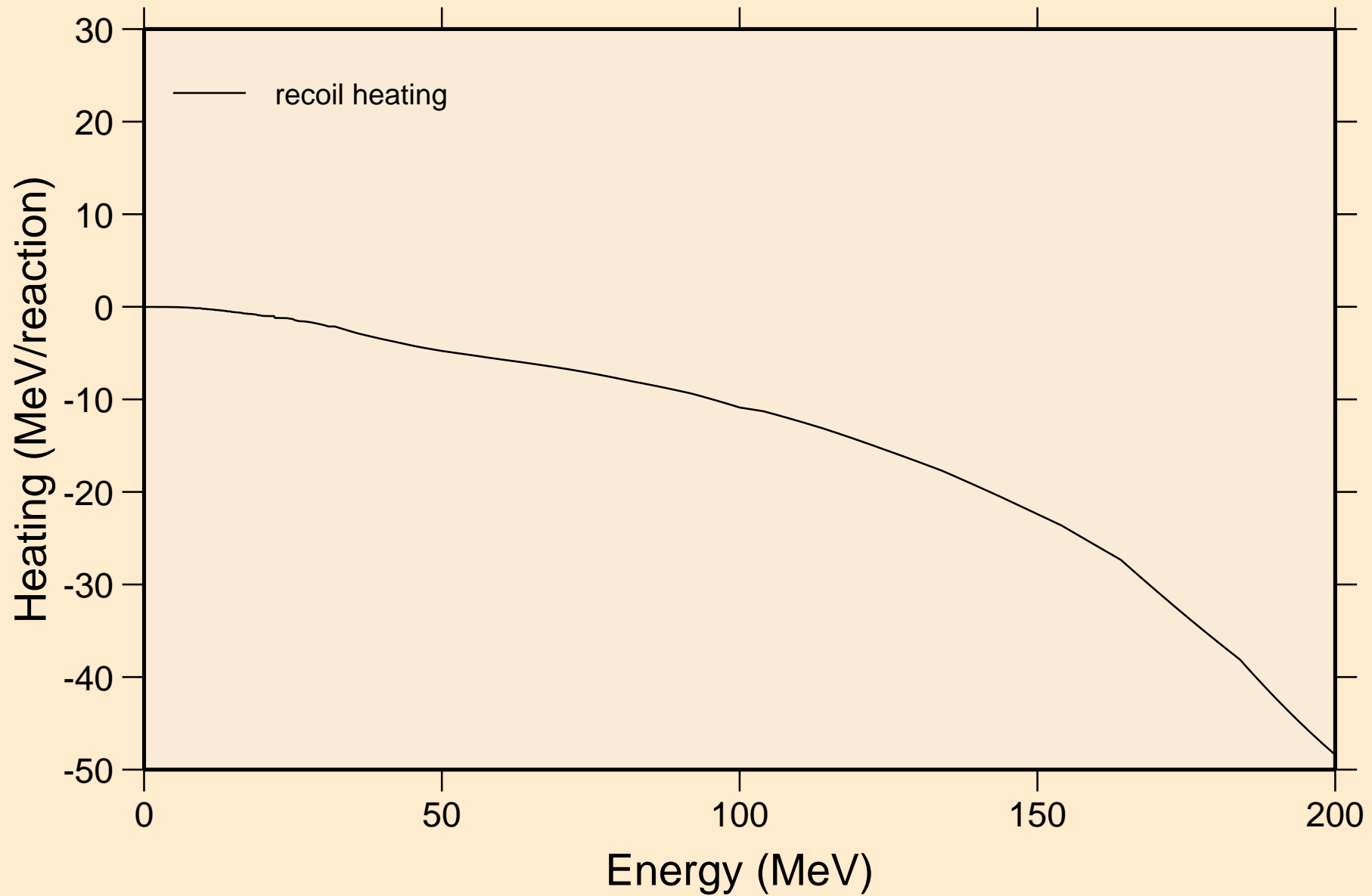
# DY151 NRG TENDL-2015, AKONING

## Particle heating contributions



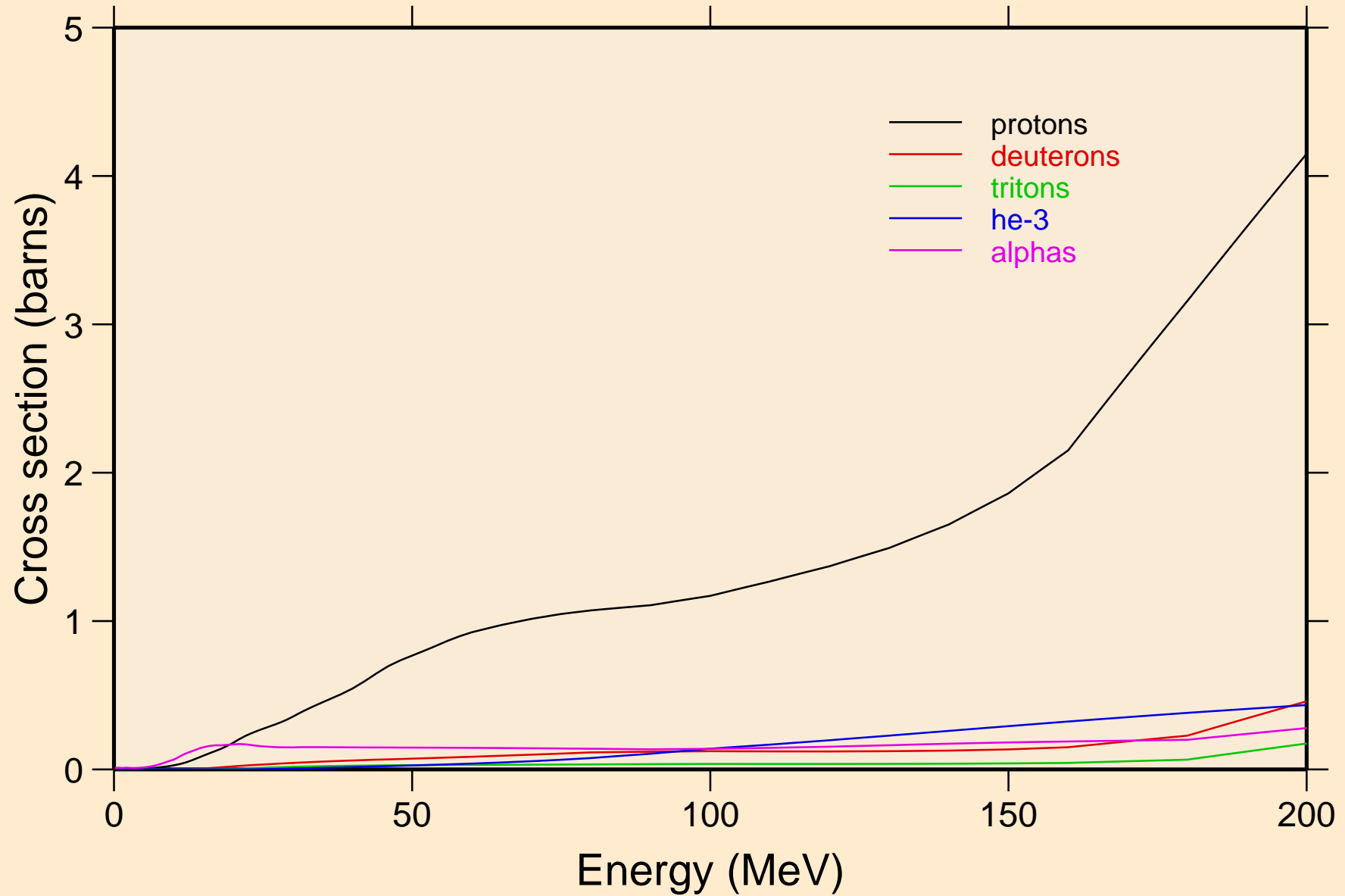
# DY151 NRG TENDL-2015, AKONING

## Recoil Heating

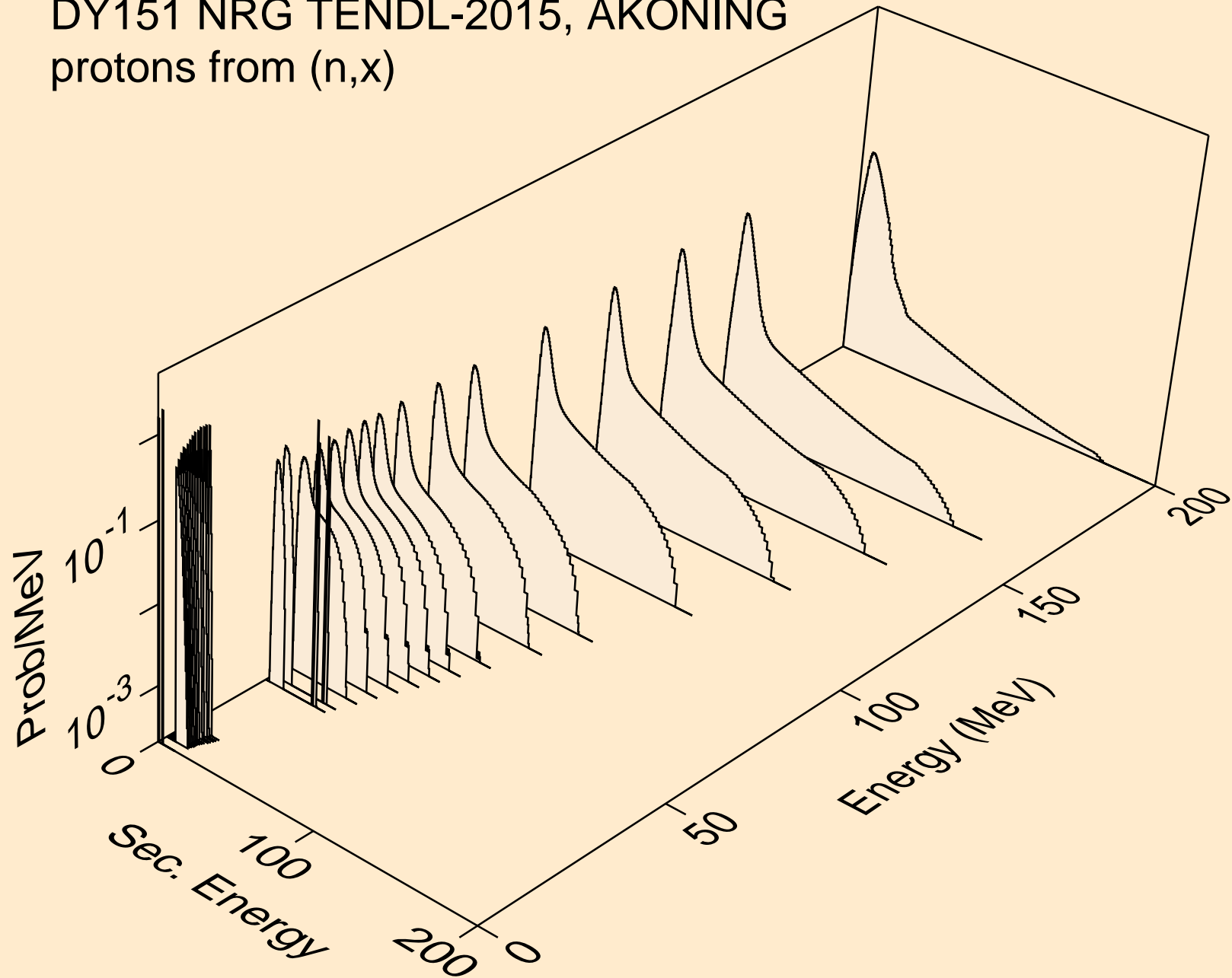


# DY151 NRG TENDL-2015, AKONING

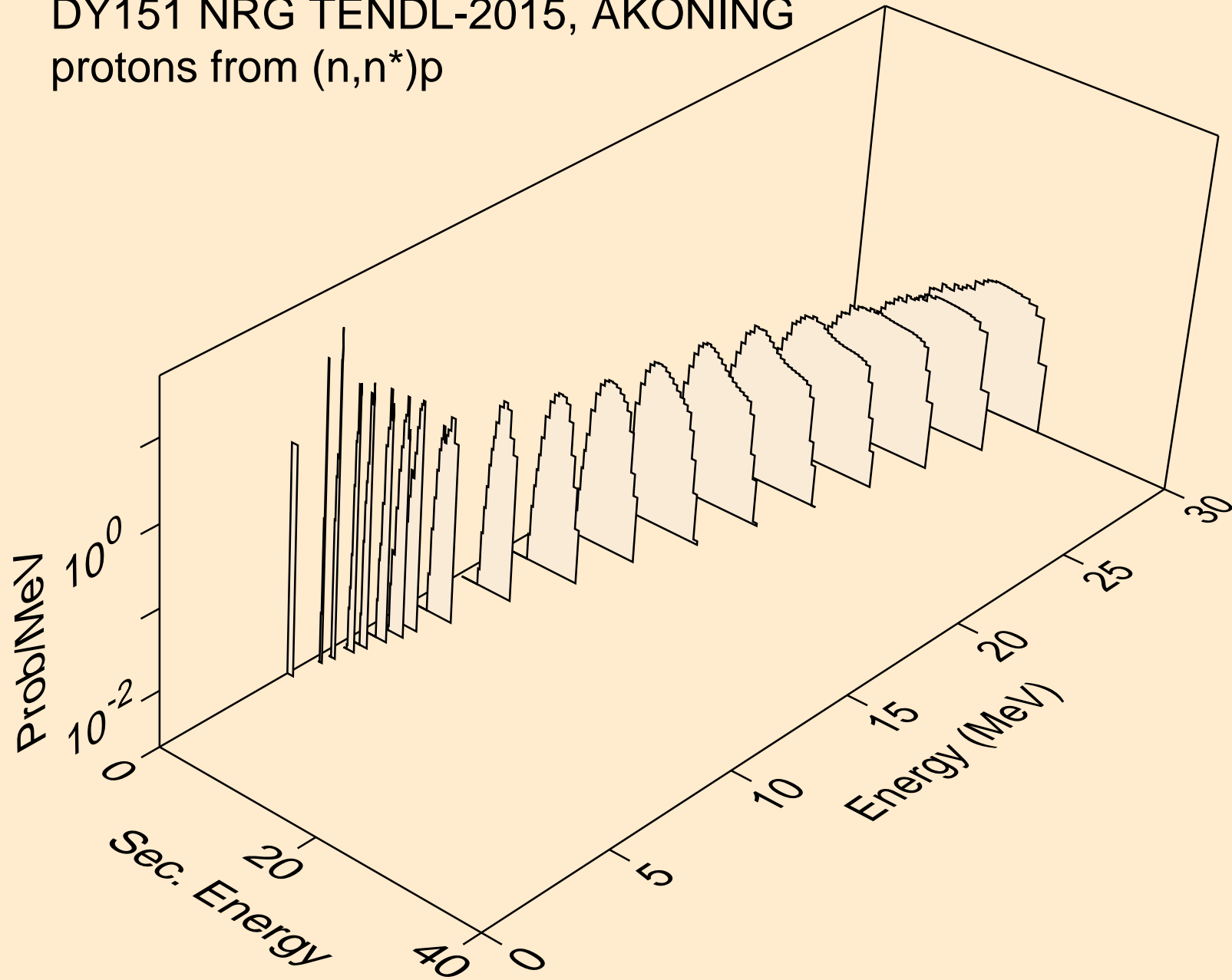
## Particle production cross sections



DY151 NRG TENDL-2015, AKONING  
protons from (n,x)

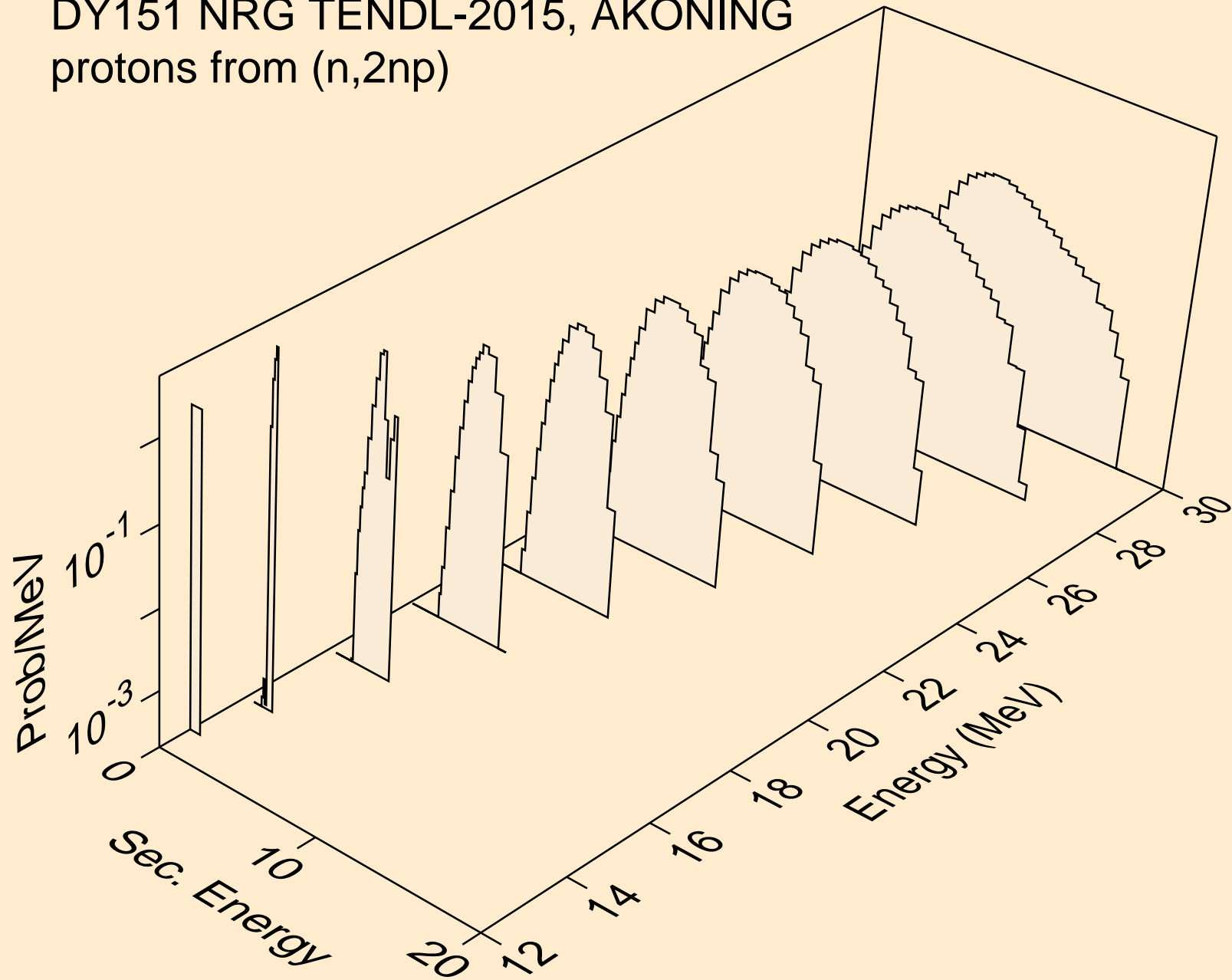


DY151 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

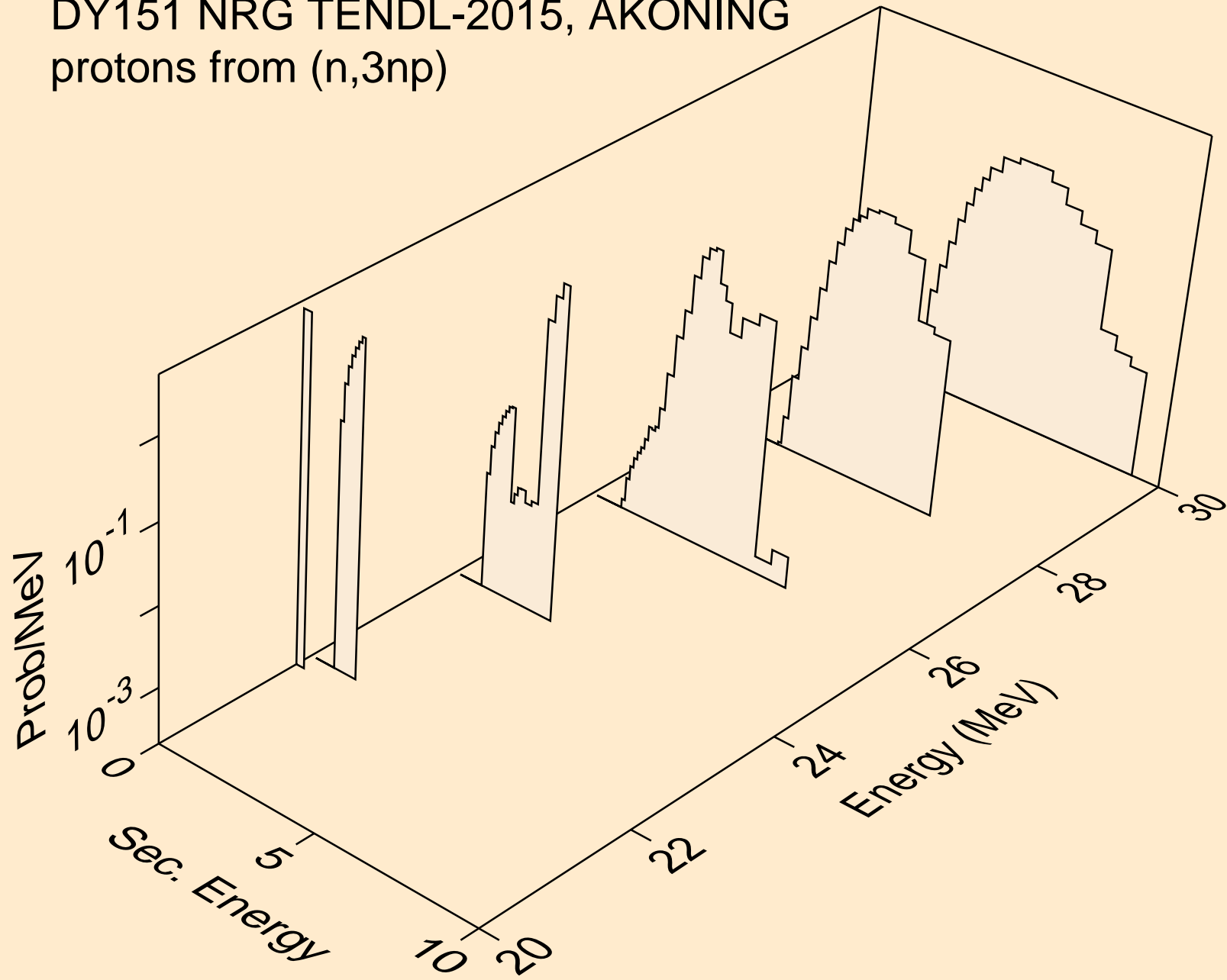




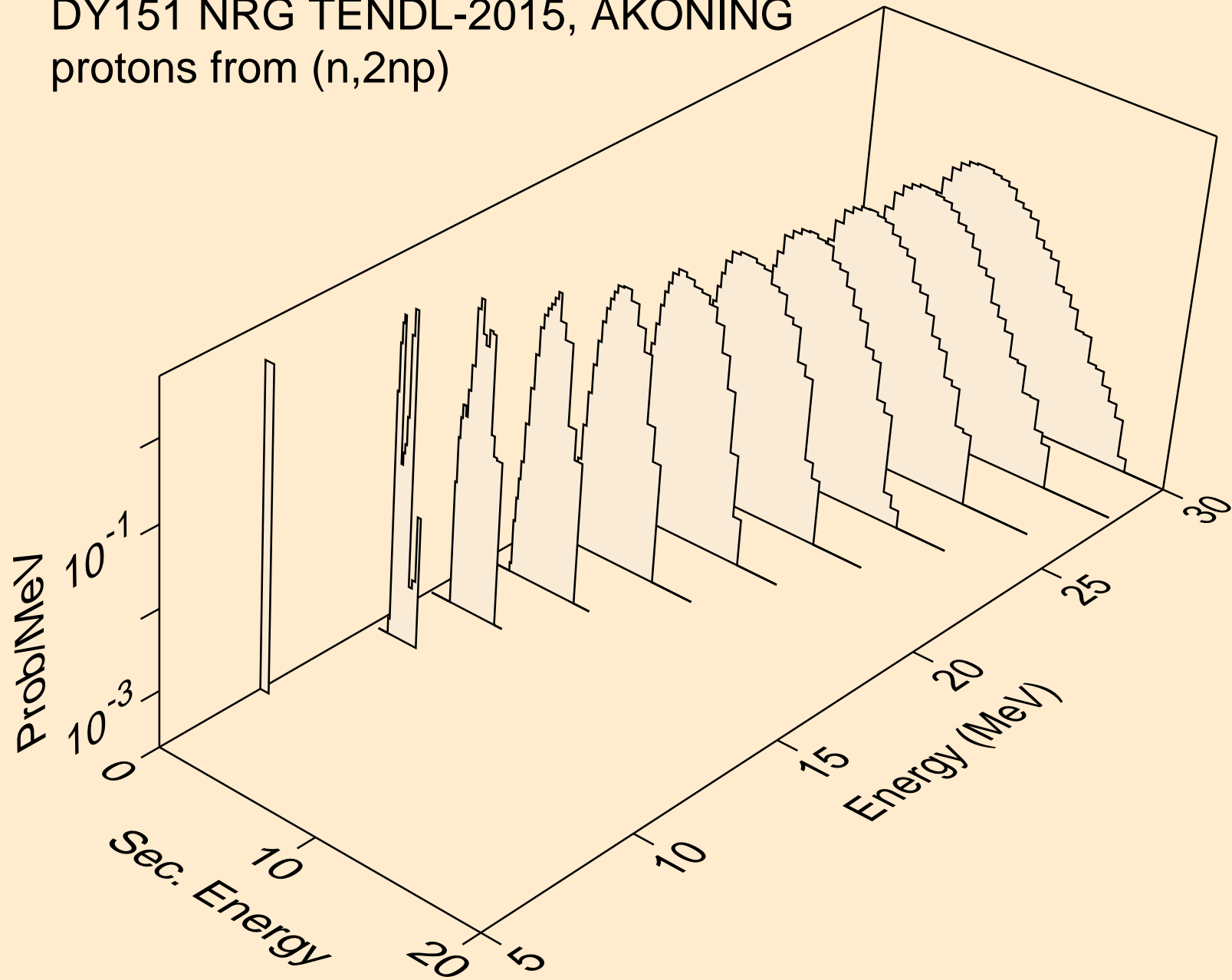
DY151 NRG TENDL-2015, AKONING  
protons from (n,2np)



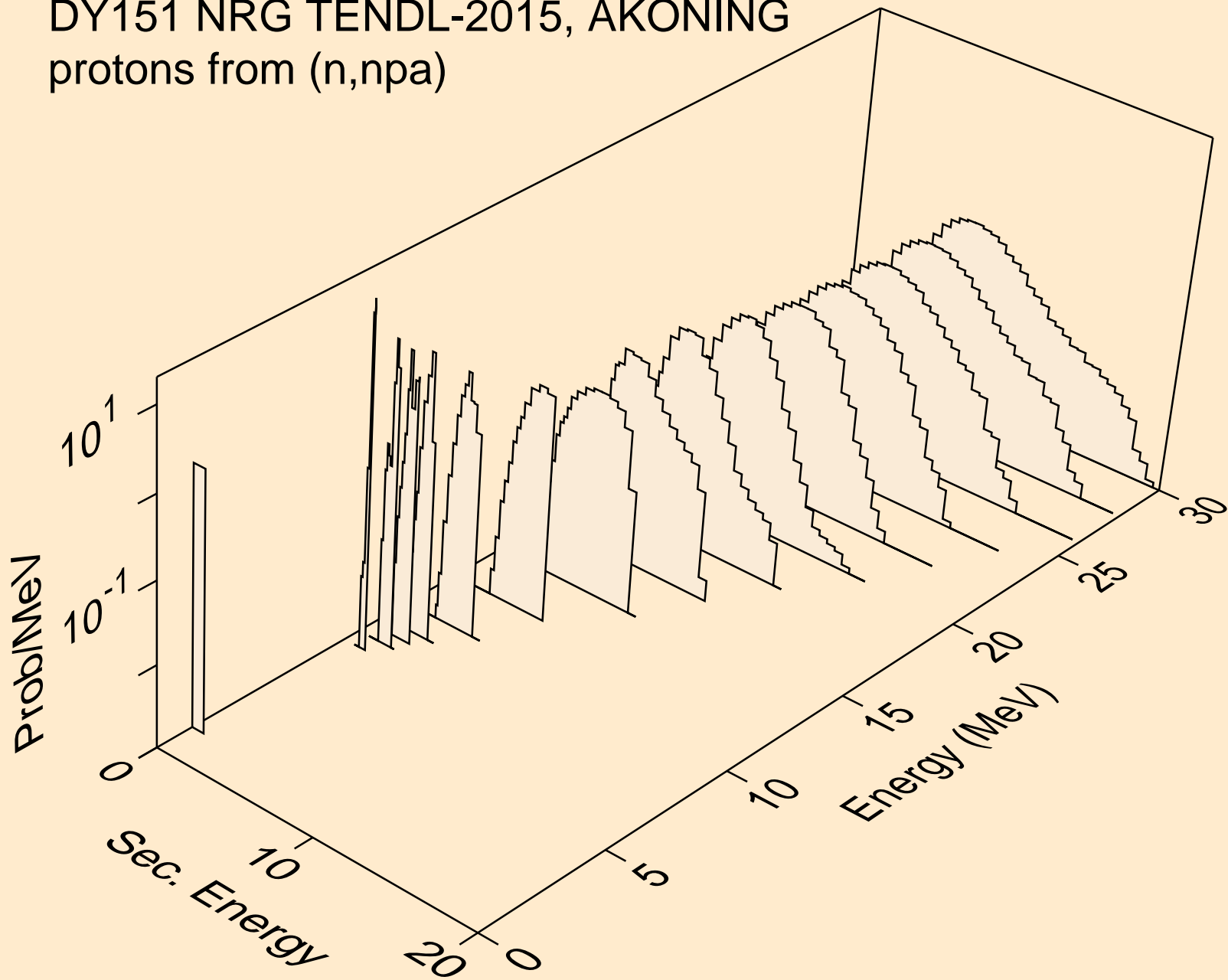
DY151 NRG TENDL-2015, AKONING  
protons from (n,3np)



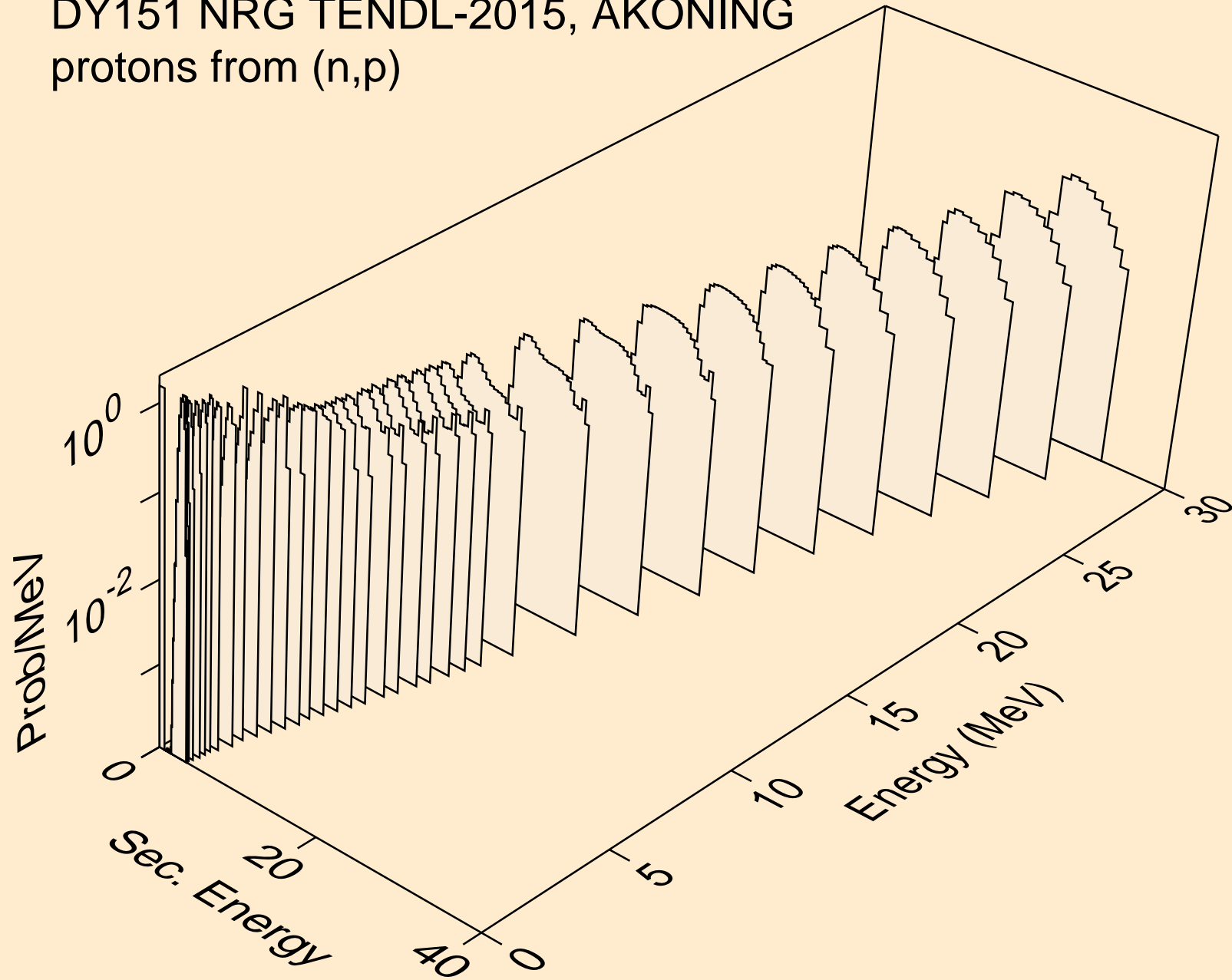
DY151 NRG TENDL-2015, AKONING  
protons from (n,2np)



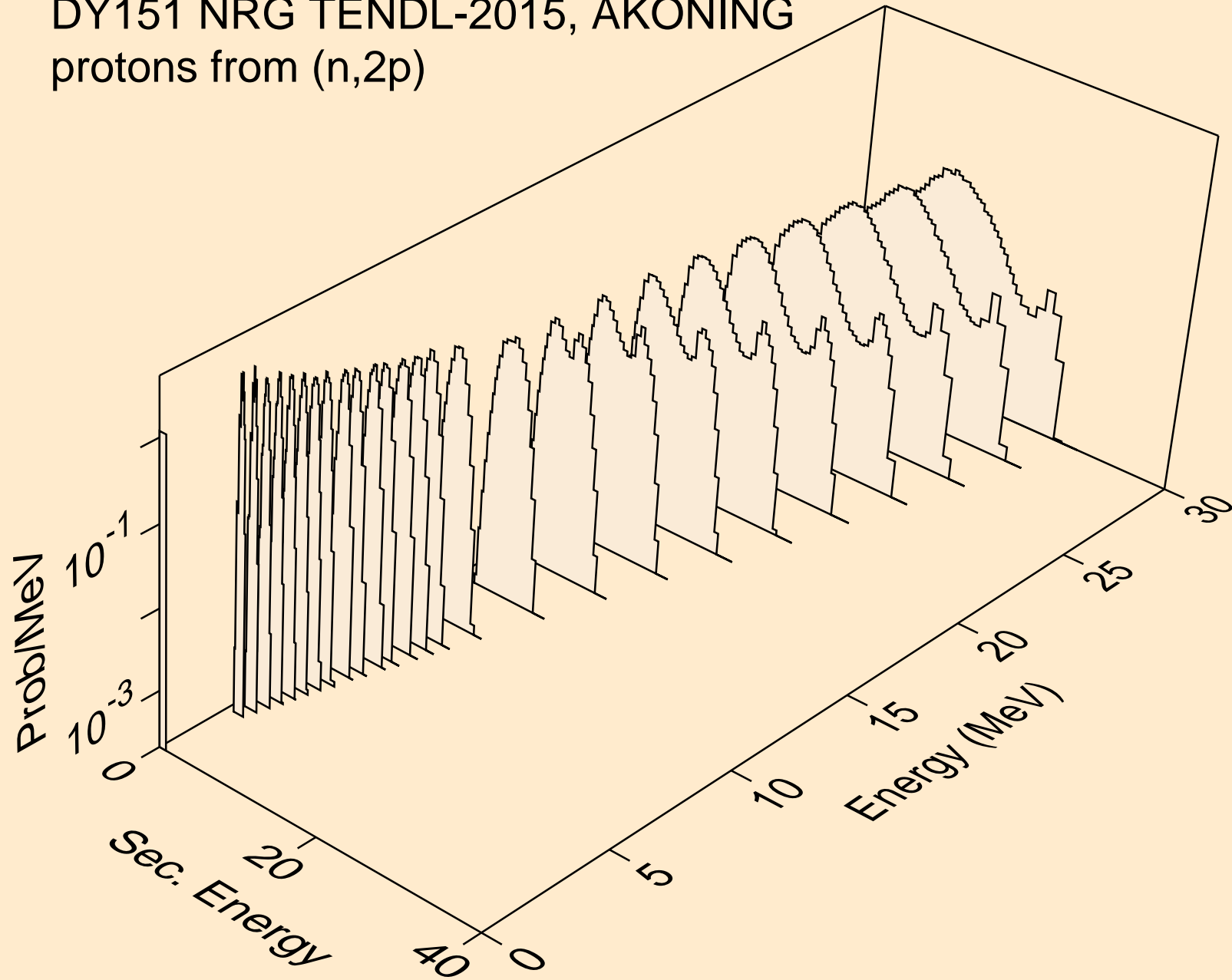
DY151 NRG TENDL-2015, AKONING  
protons from (n,npa)



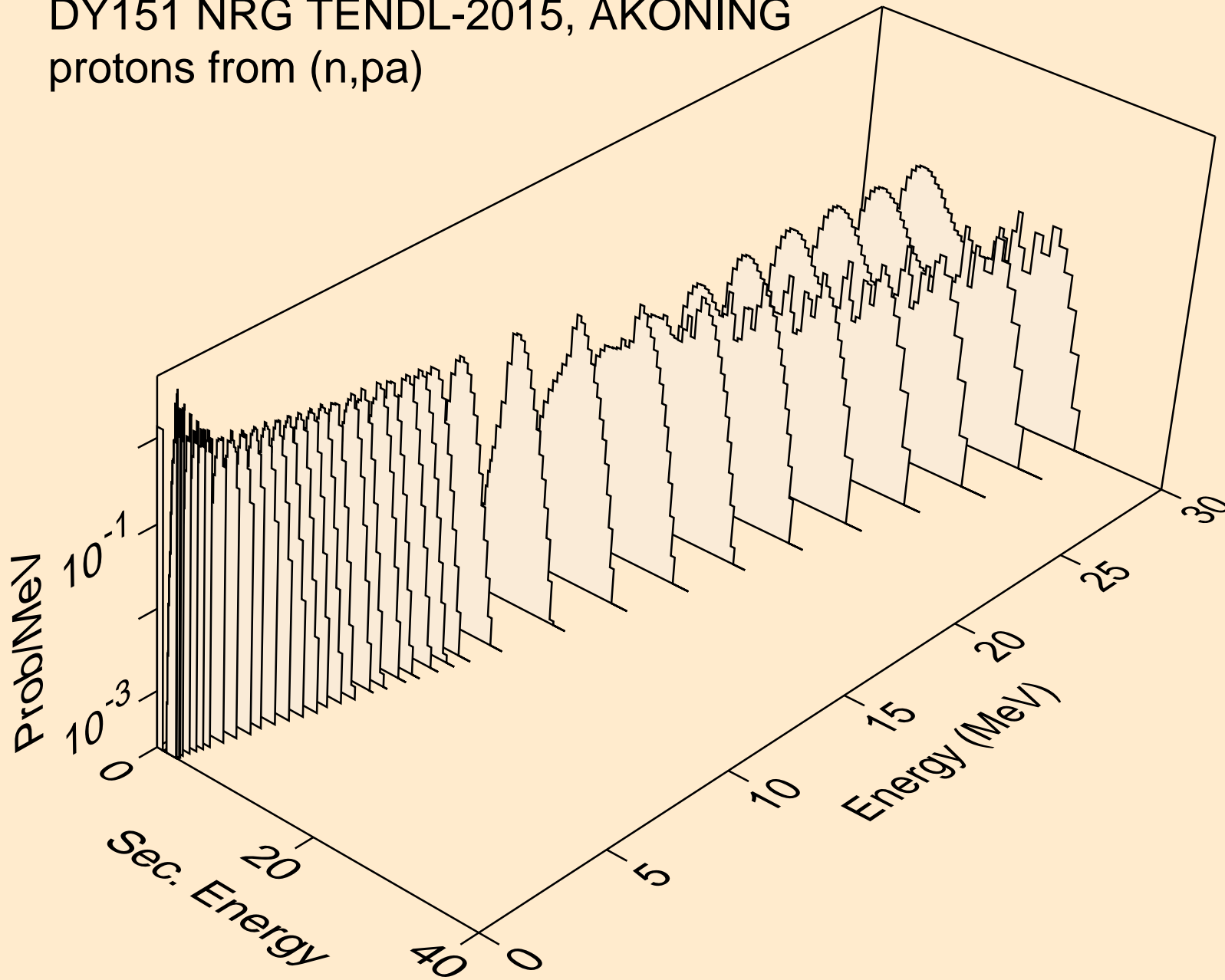
DY151 NRG TENDL-2015, AKONING  
protons from (n,p)



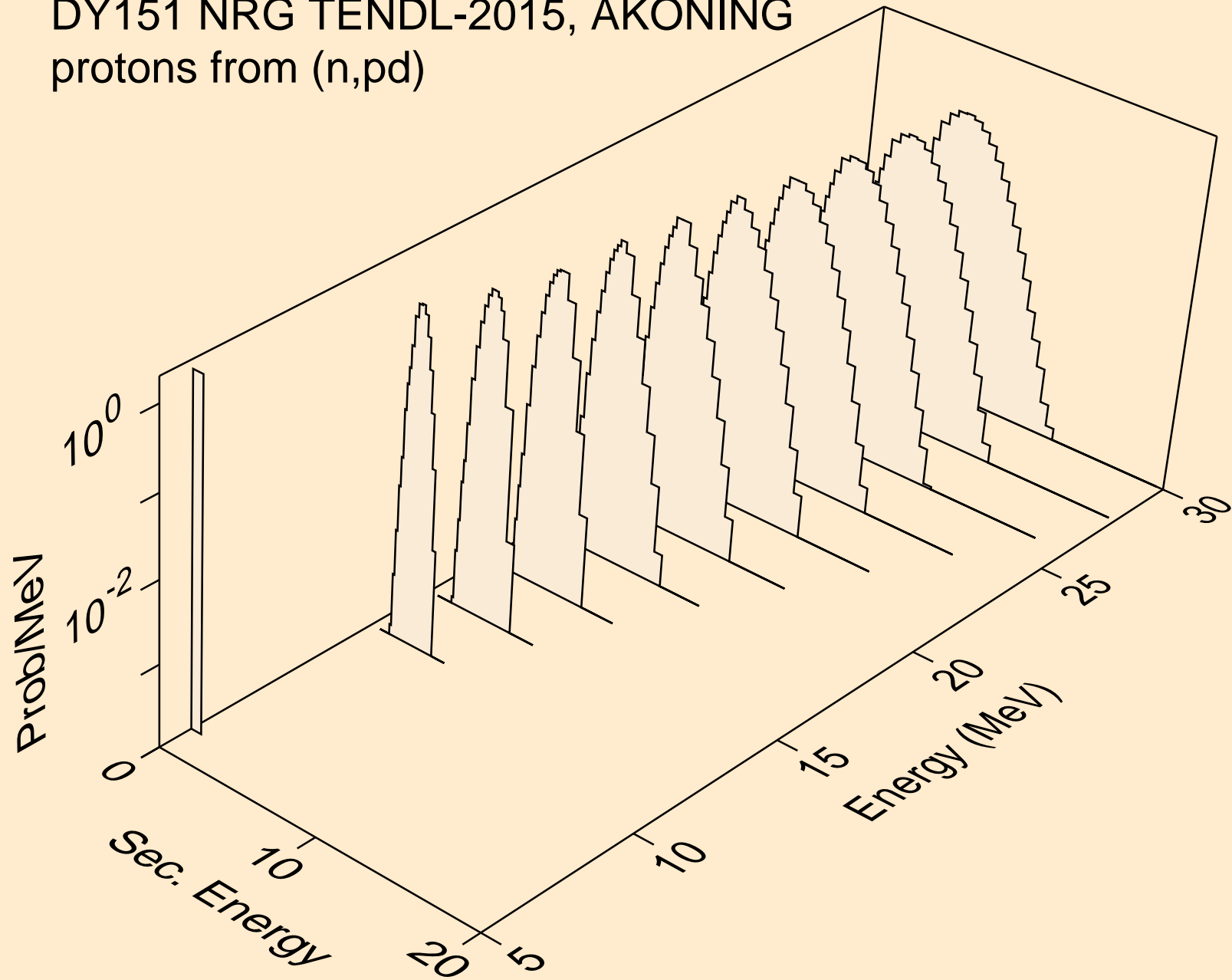
DY151 NRG TENDL-2015, AKONING  
protons from (n,2p)



DY151 NRG TENDL-2015, AKONING  
protons from (n,pa)

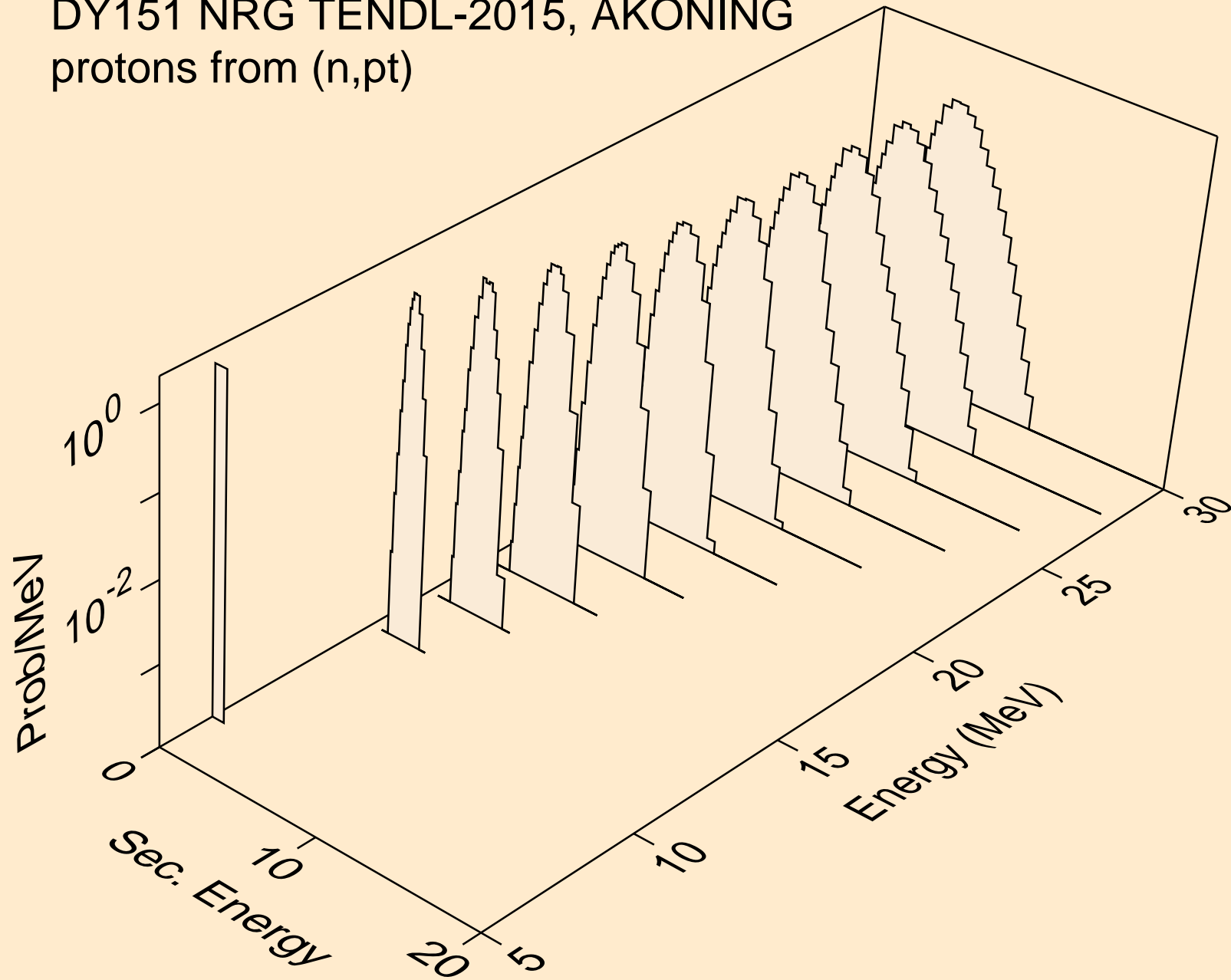


DY151 NRG TENDL-2015, AKONING  
protons from (n,pd)

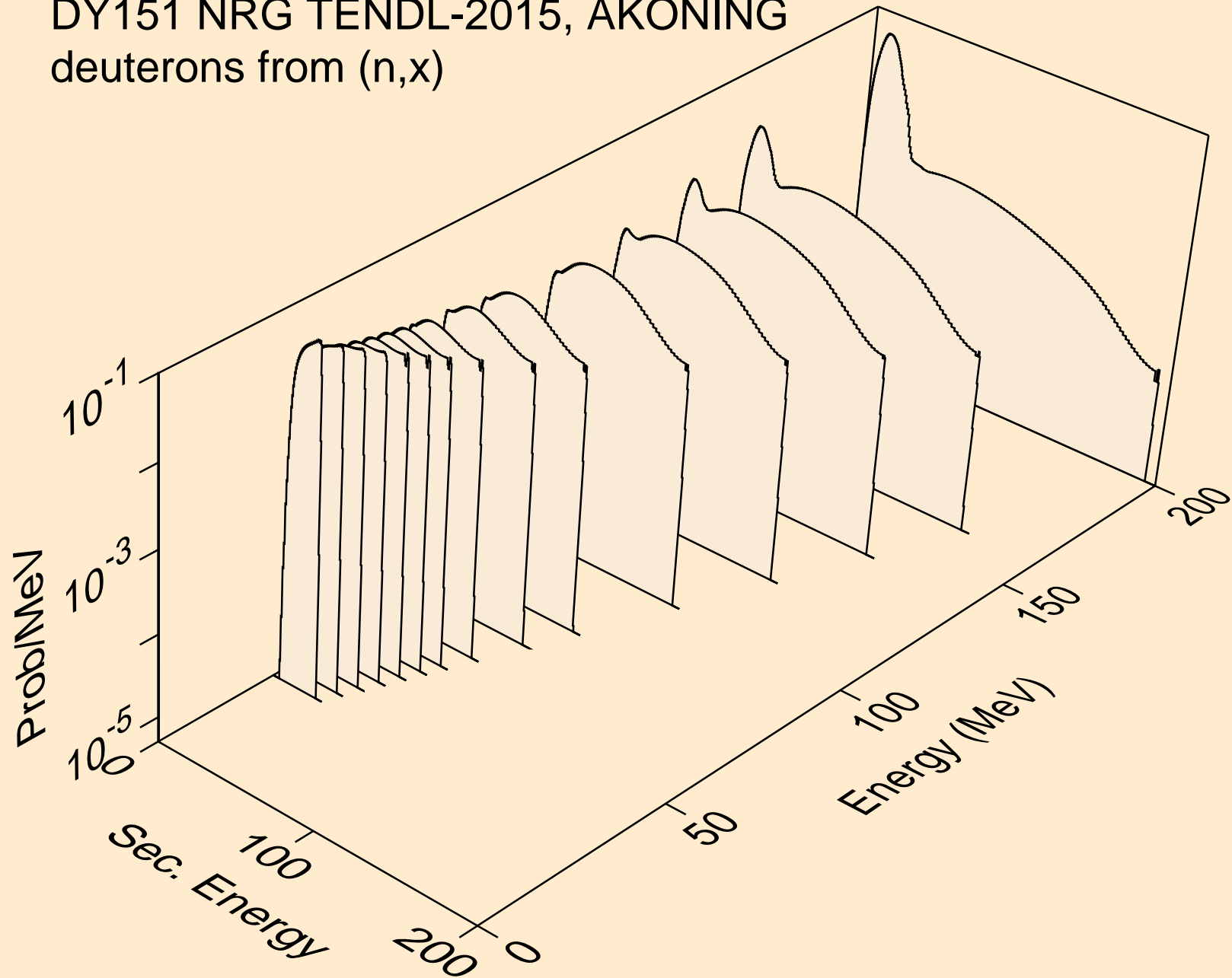




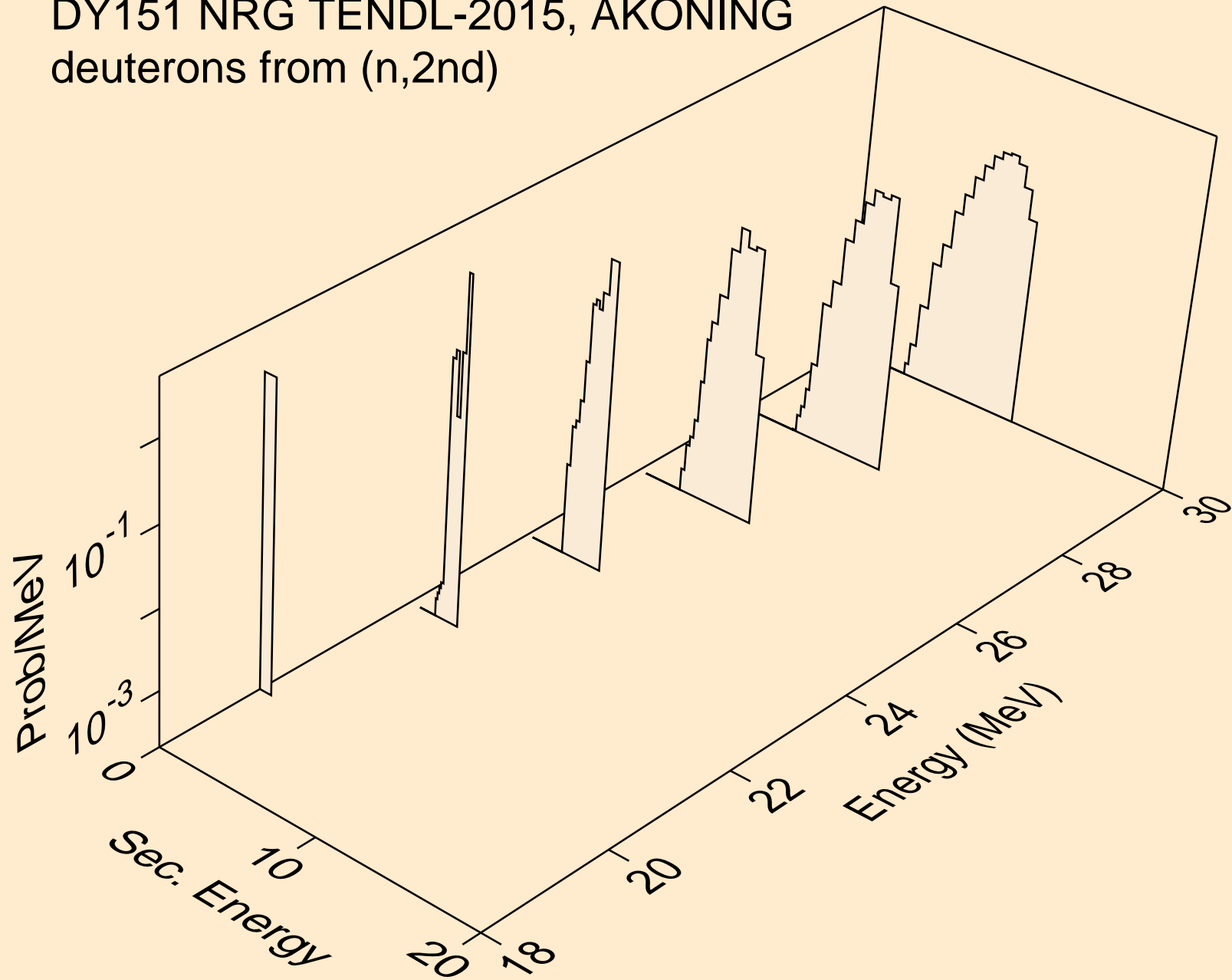
DY151 NRG TENDL-2015, AKONING  
protons from (n,pt)



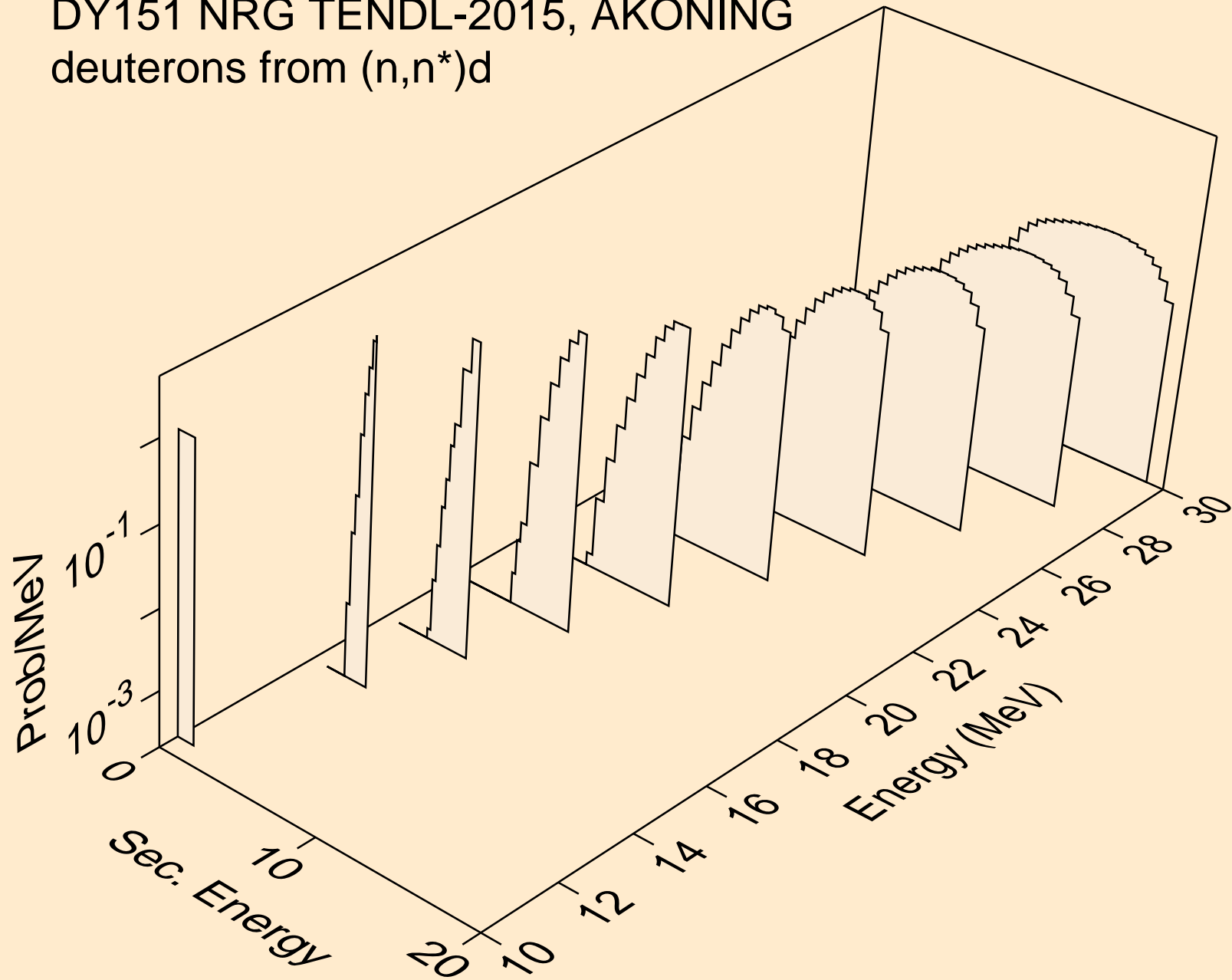
DY151 NRG TENDL-2015, AKONING  
deuterons from (n,x)



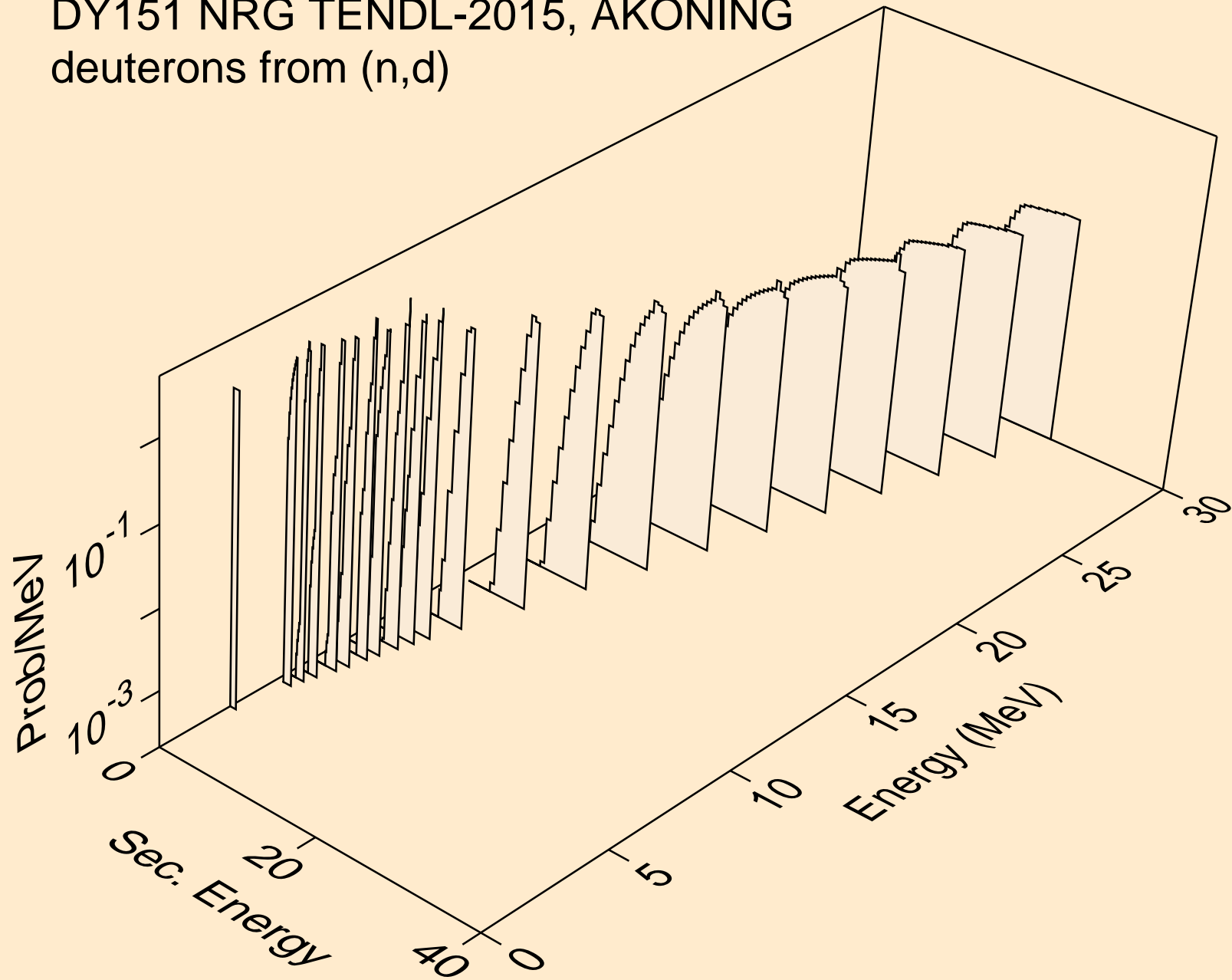
DY151 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



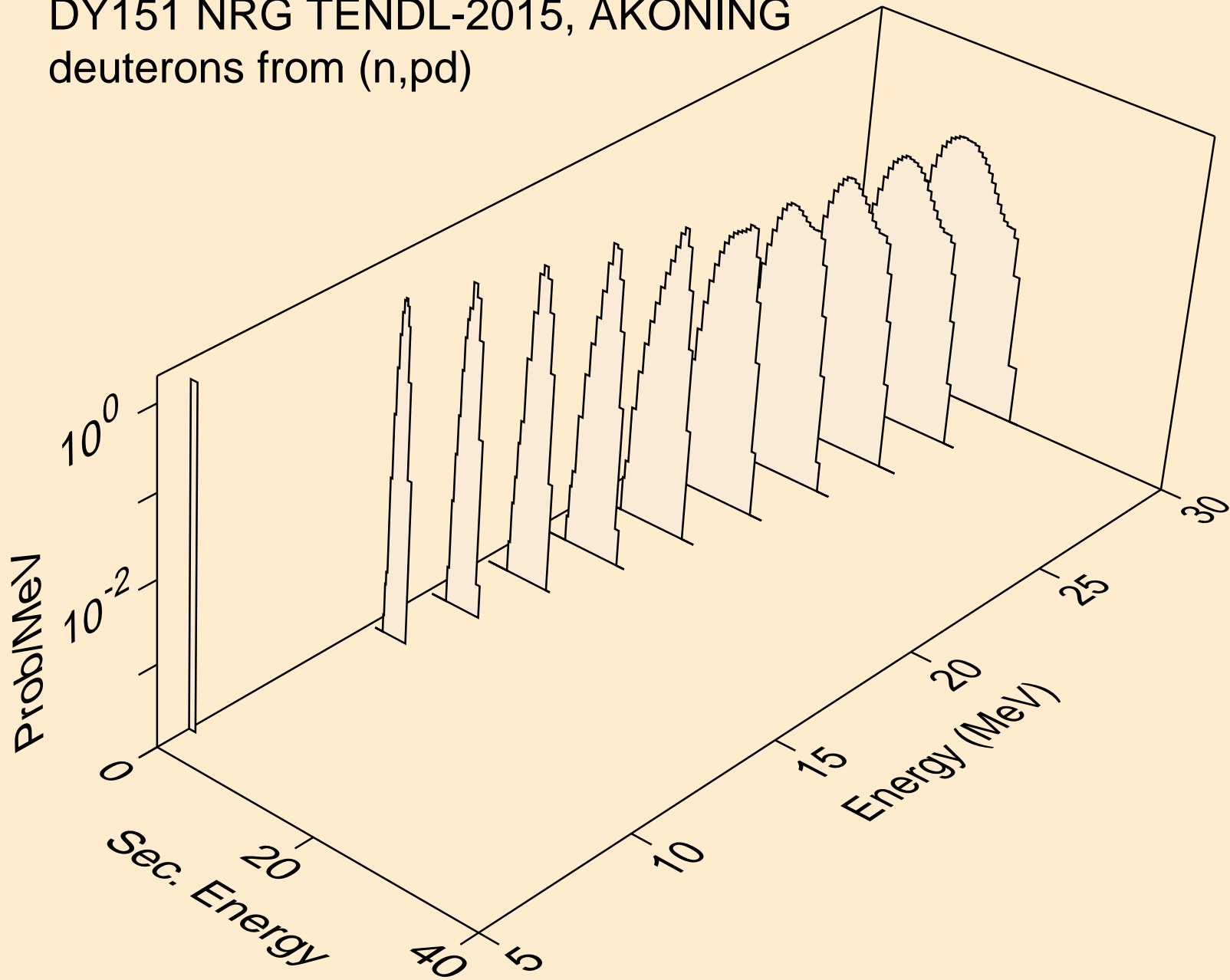
DY151 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



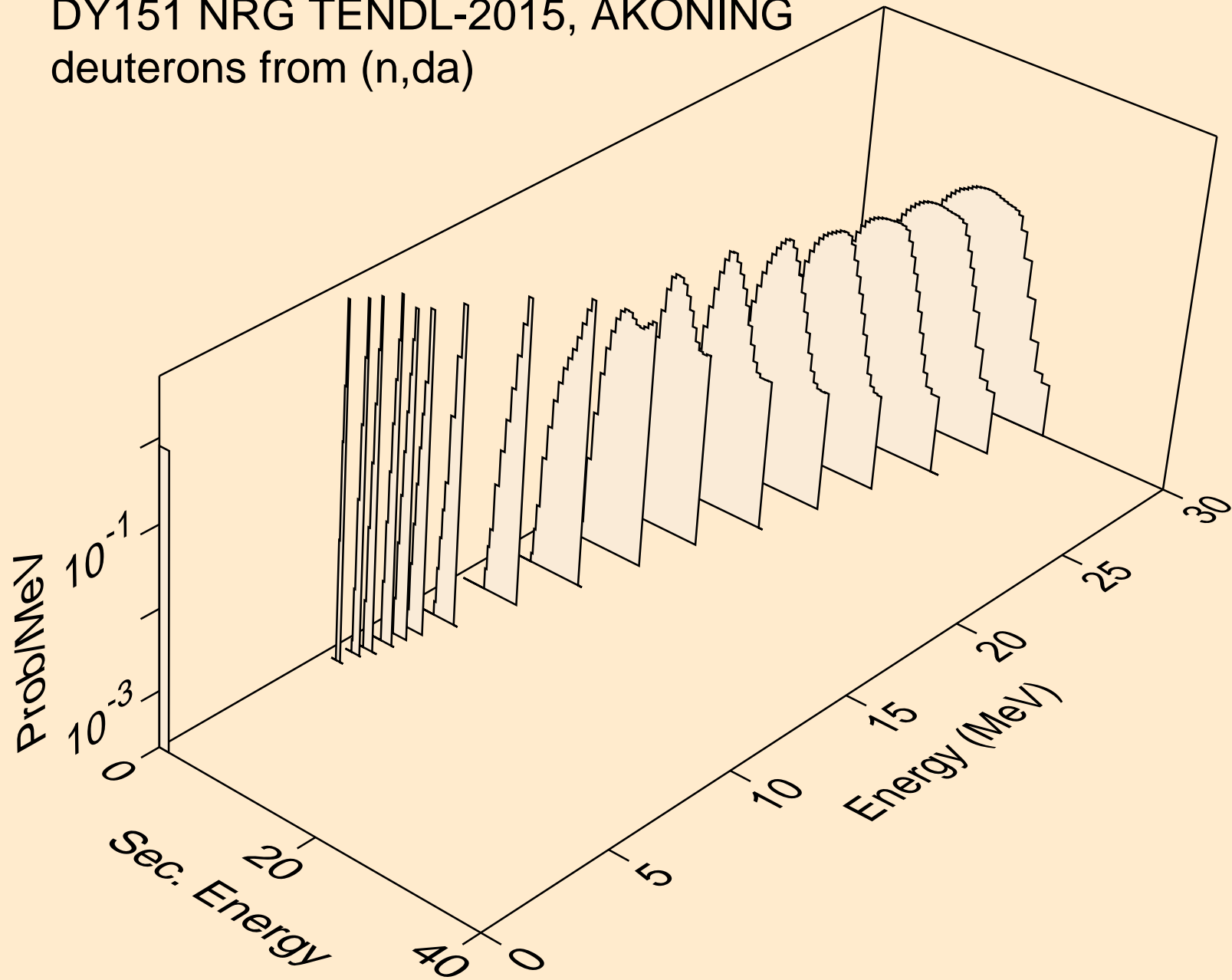
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deuterons from (n,d)



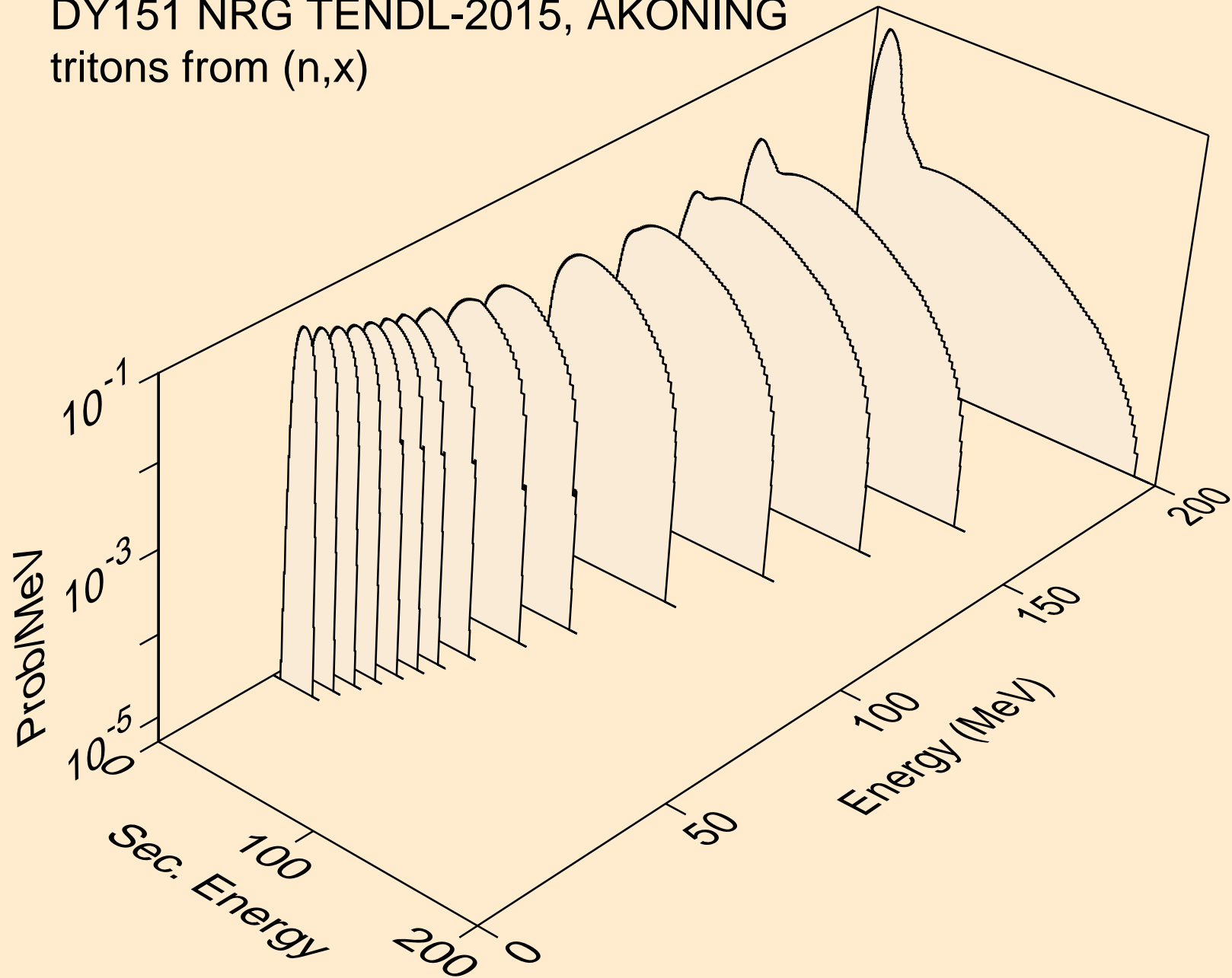
DY151 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



DY151 NRG TENDL-2015, AKONING  
deuterons from (n,da)

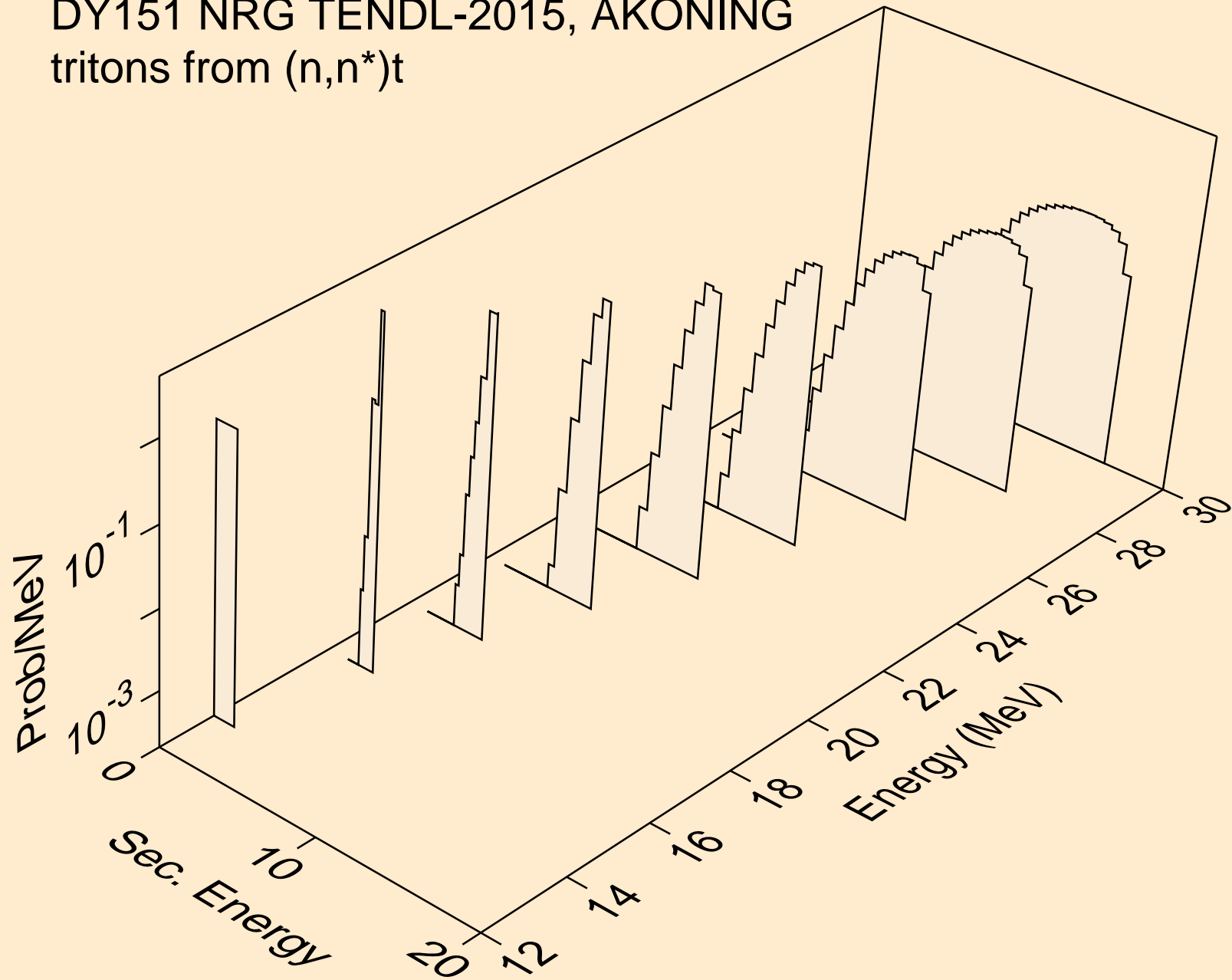


DY151 NRG TENDL-2015, AKONING  
tritons from (n,x)

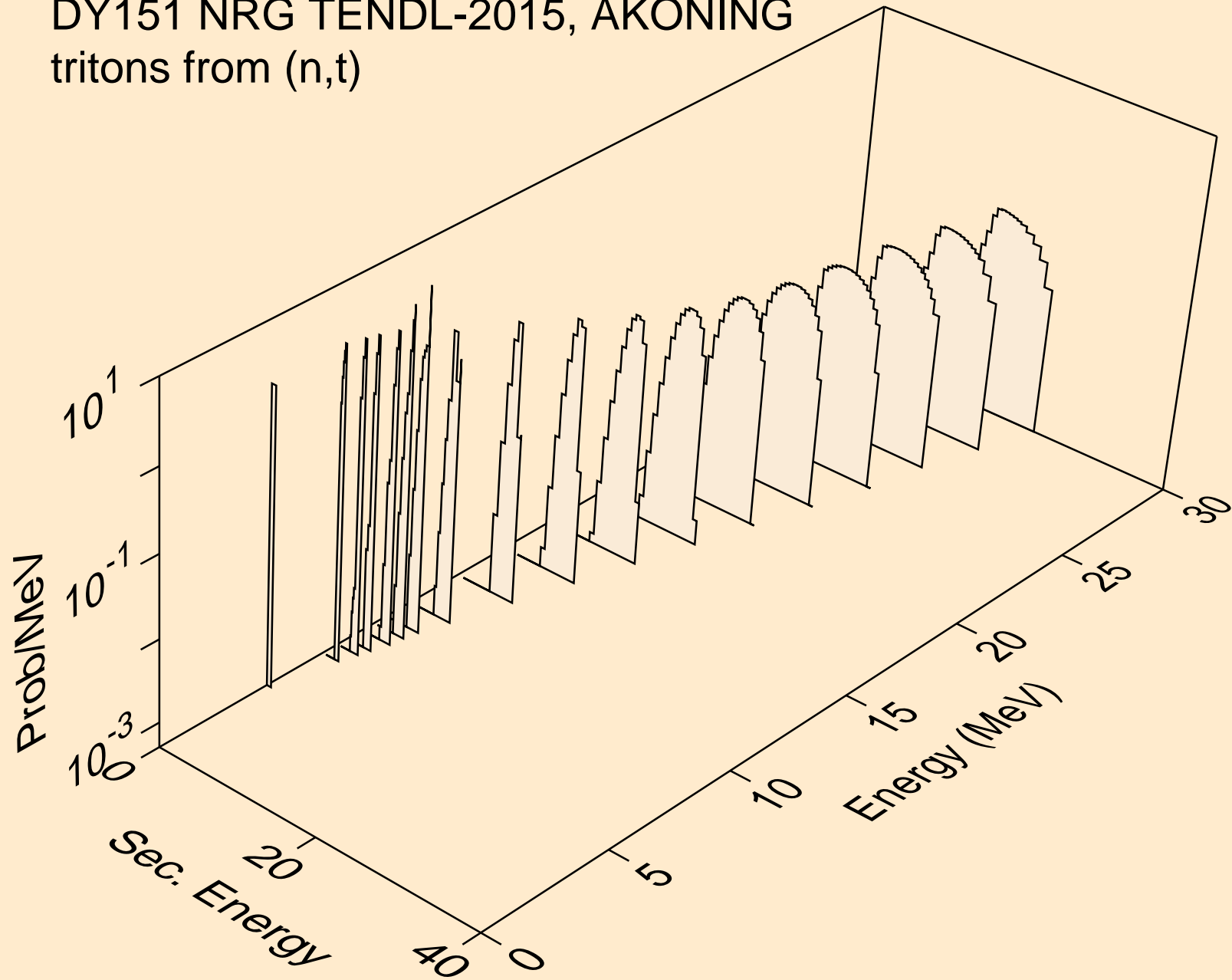




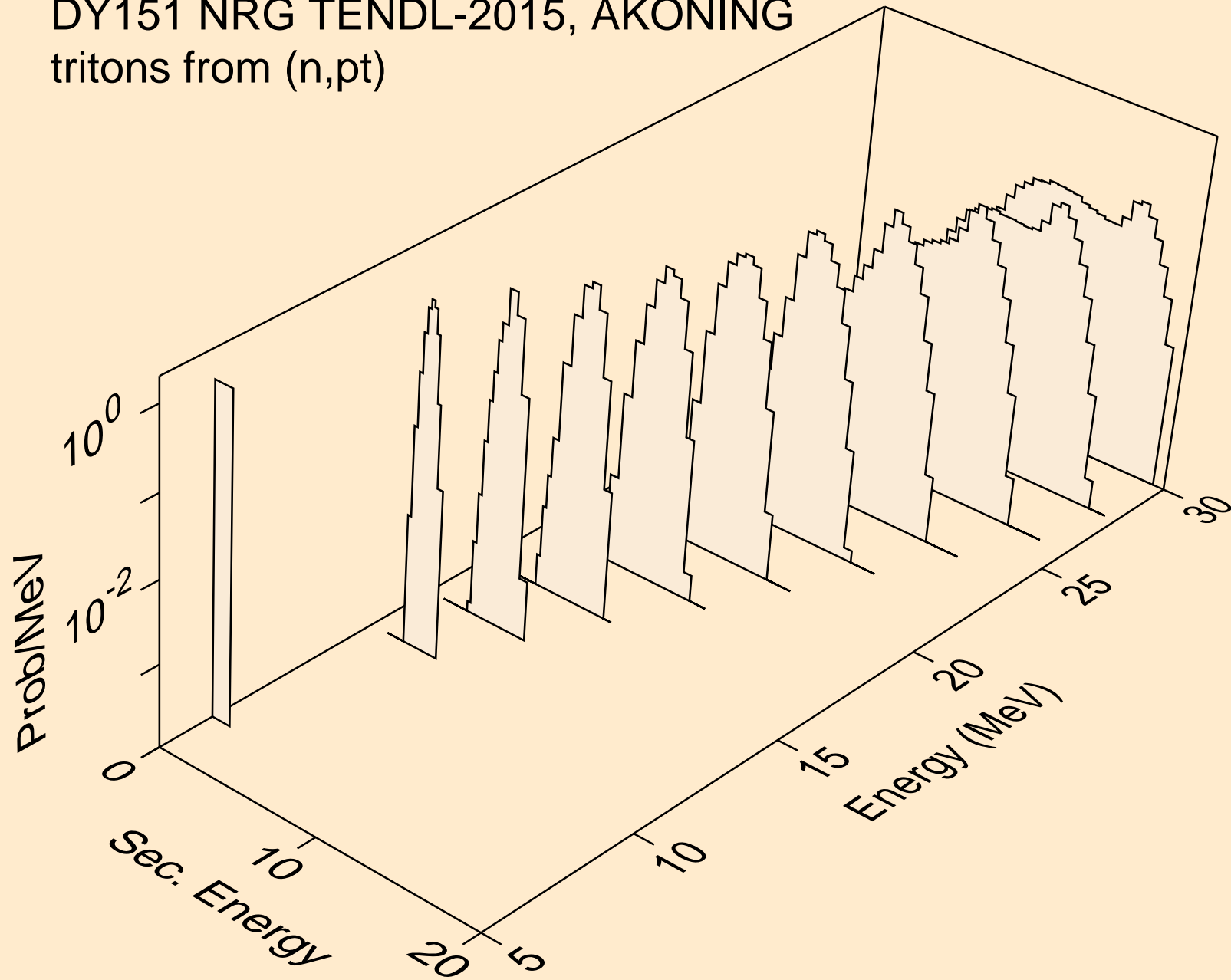
DY151 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



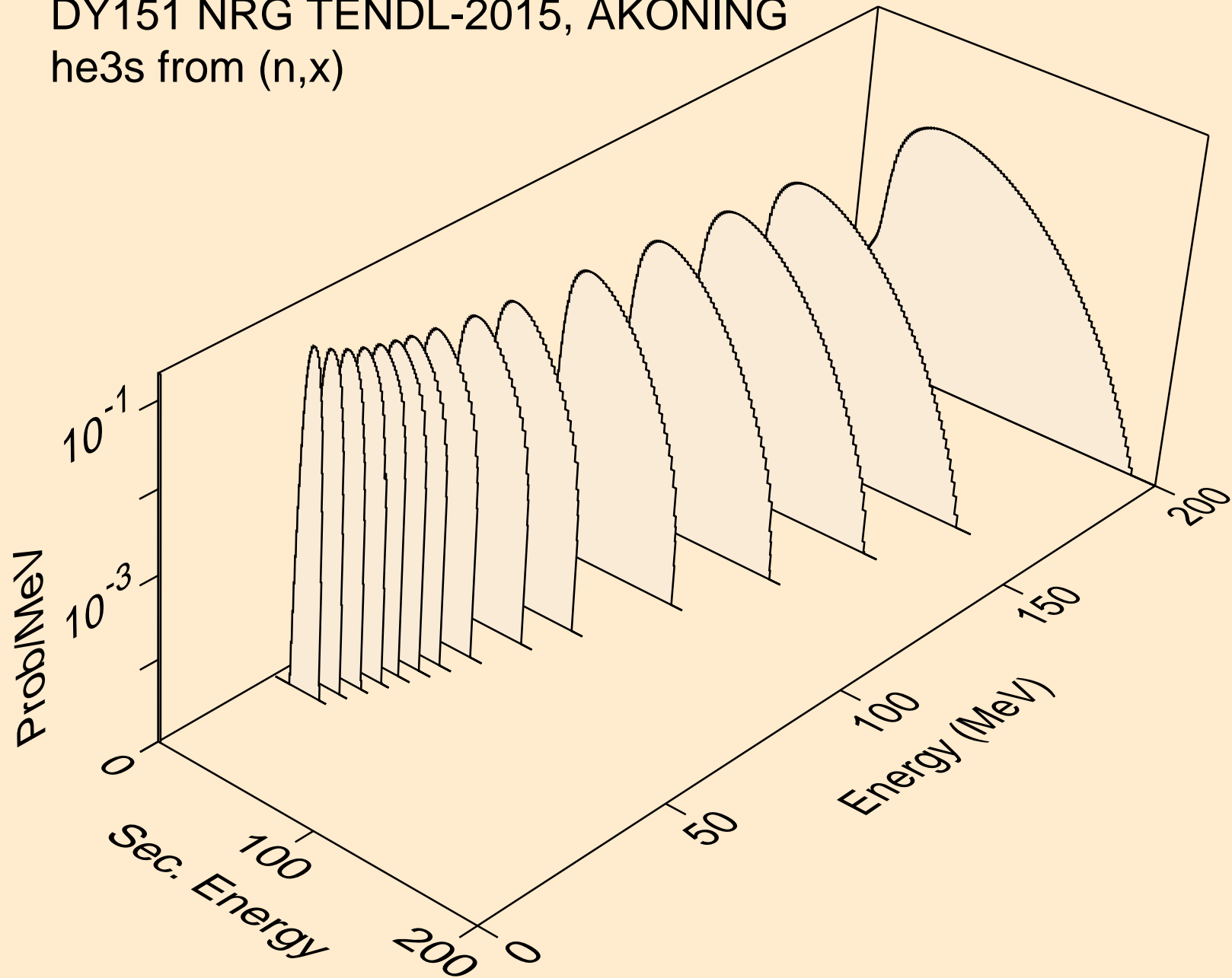
DY151 NRG TENDL-2015, AKONING  
tritons from (n,t)



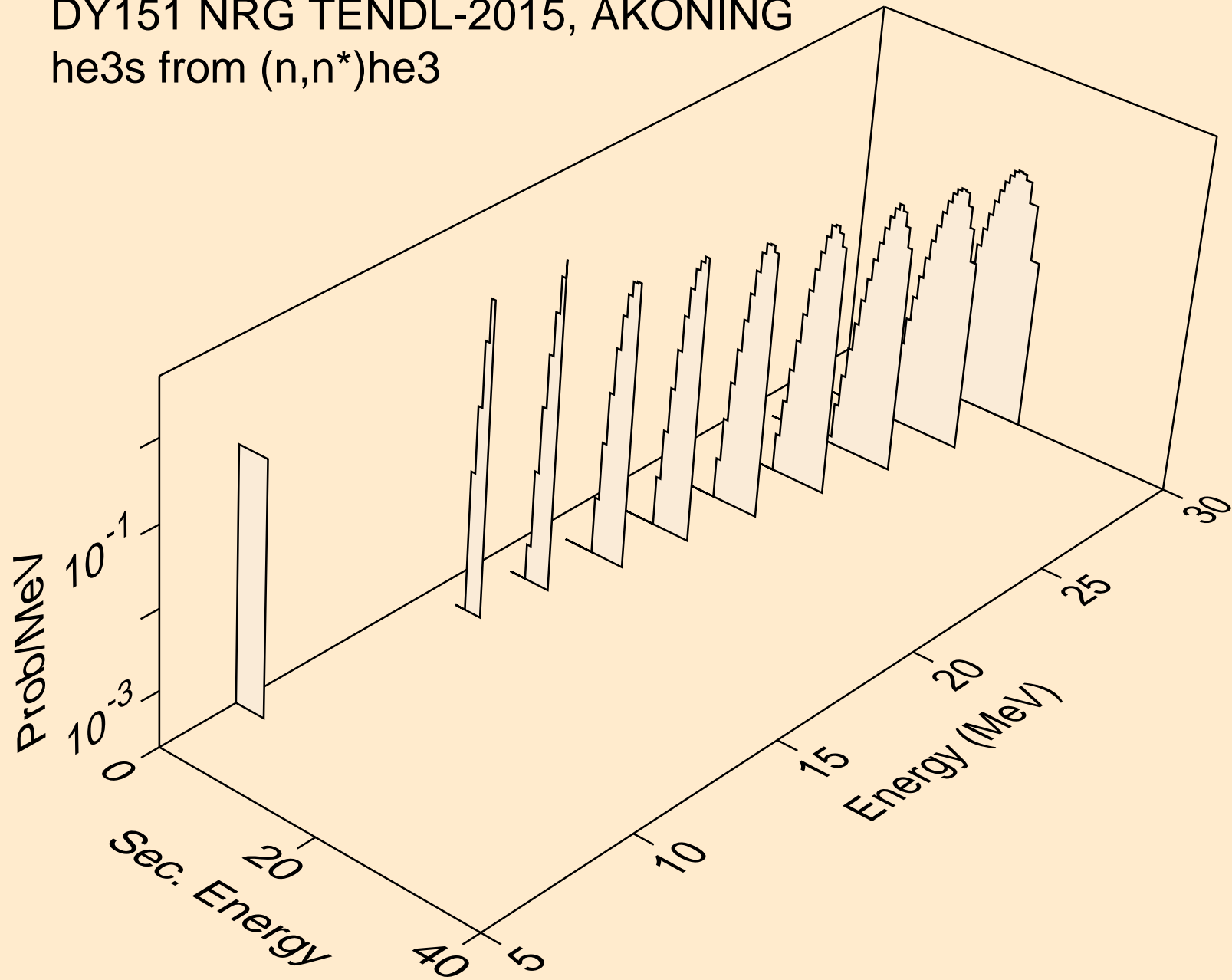
DY151 NRG TENDL-2015, AKONING  
tritons from (n,pt)



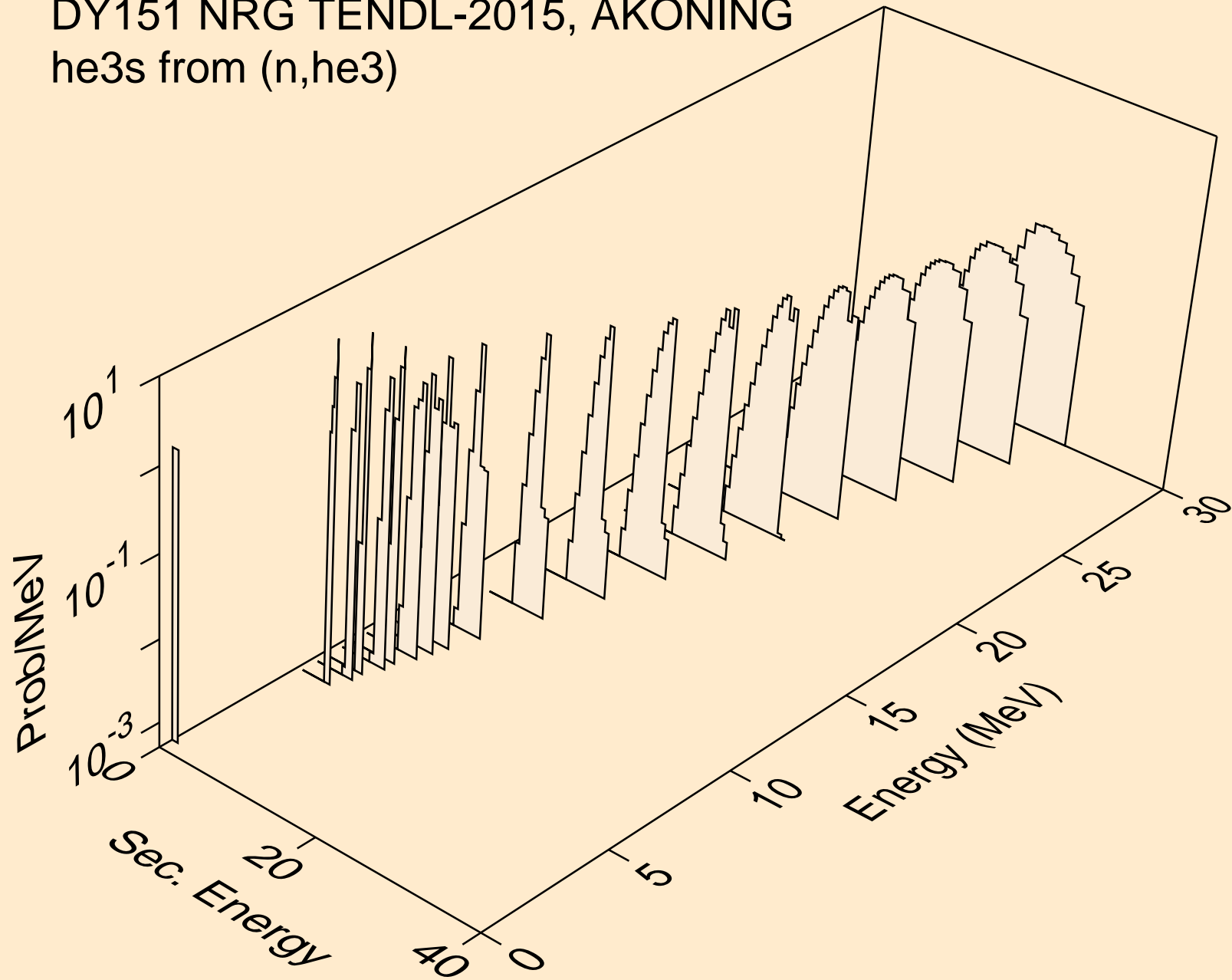
DY151 NRG TENDL-2015, AKONING  
he3s from (n,x)



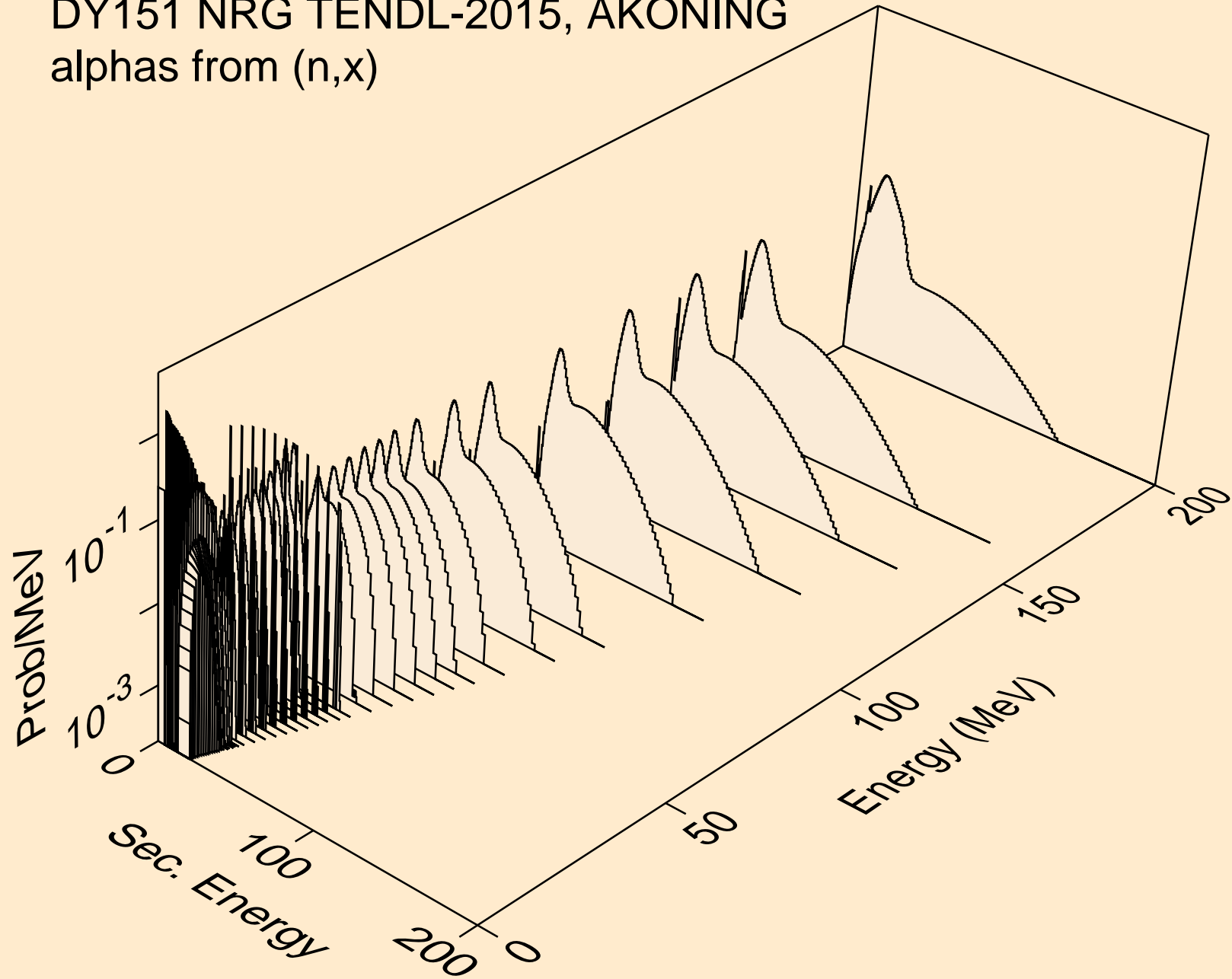
DY151 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



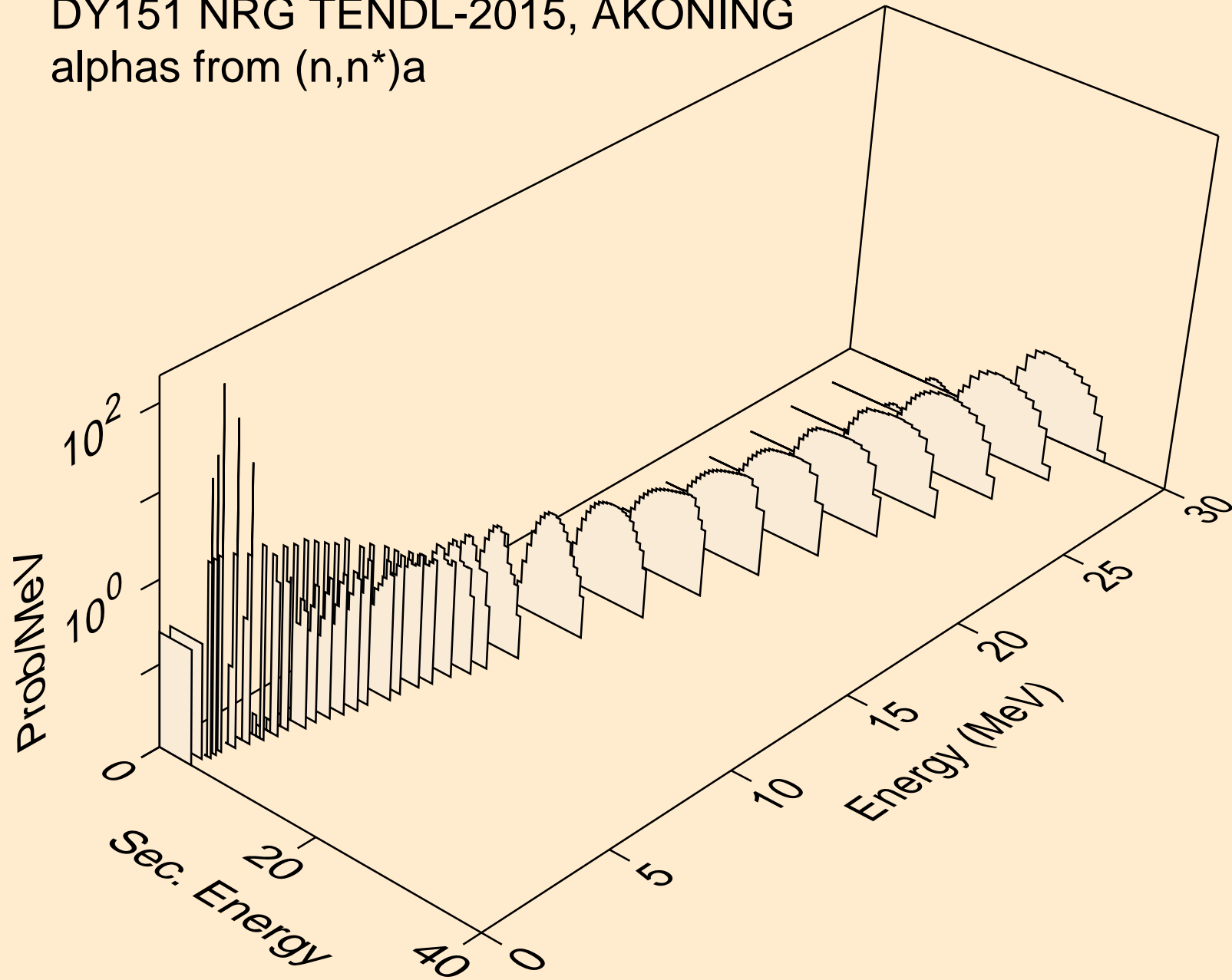
DY151 NRG TENDL-2015, AKONING  
he3s from (n,he3)



DY151 NRG TENDL-2015, AKONING  
alphas from (n,x)

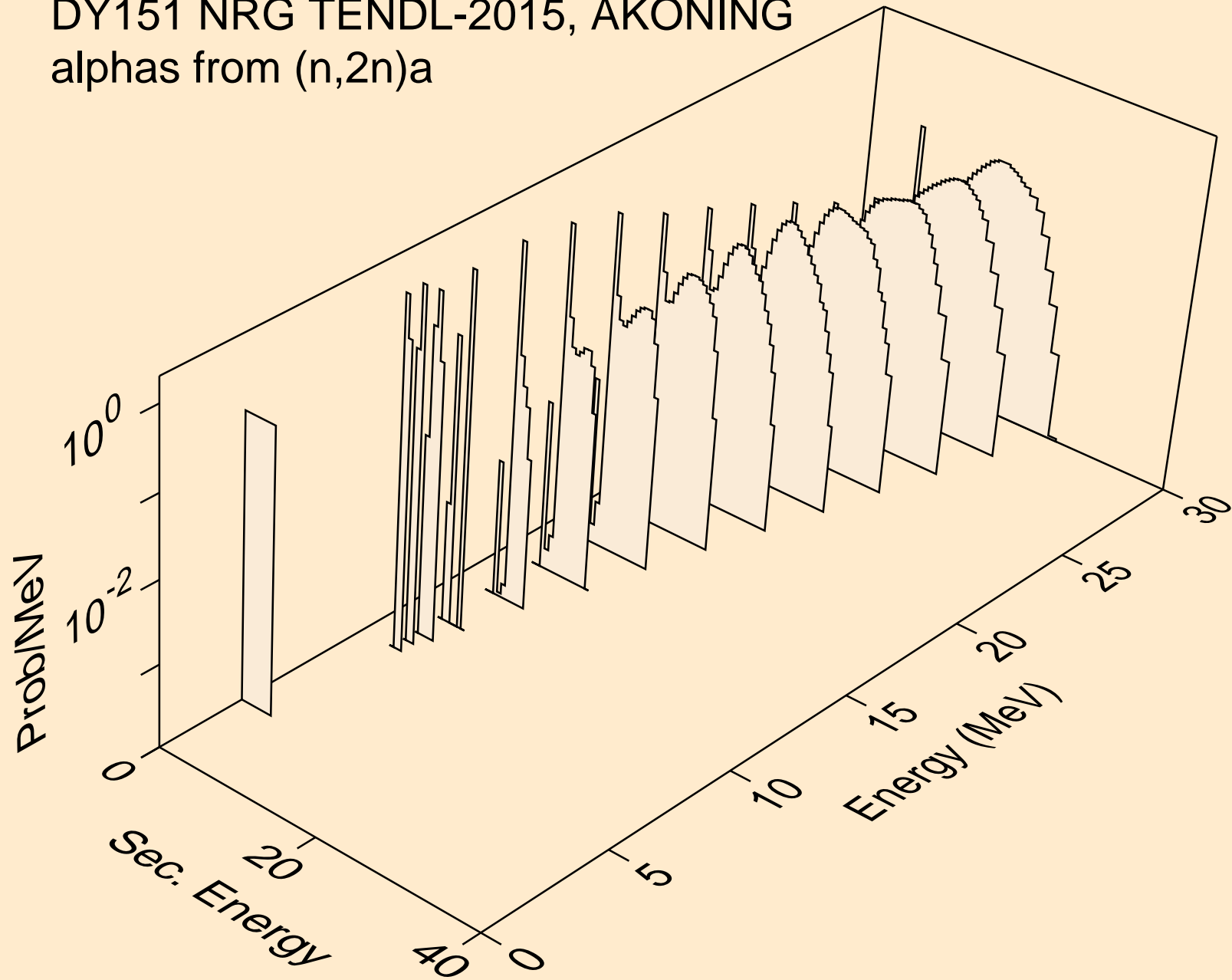


DY151 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

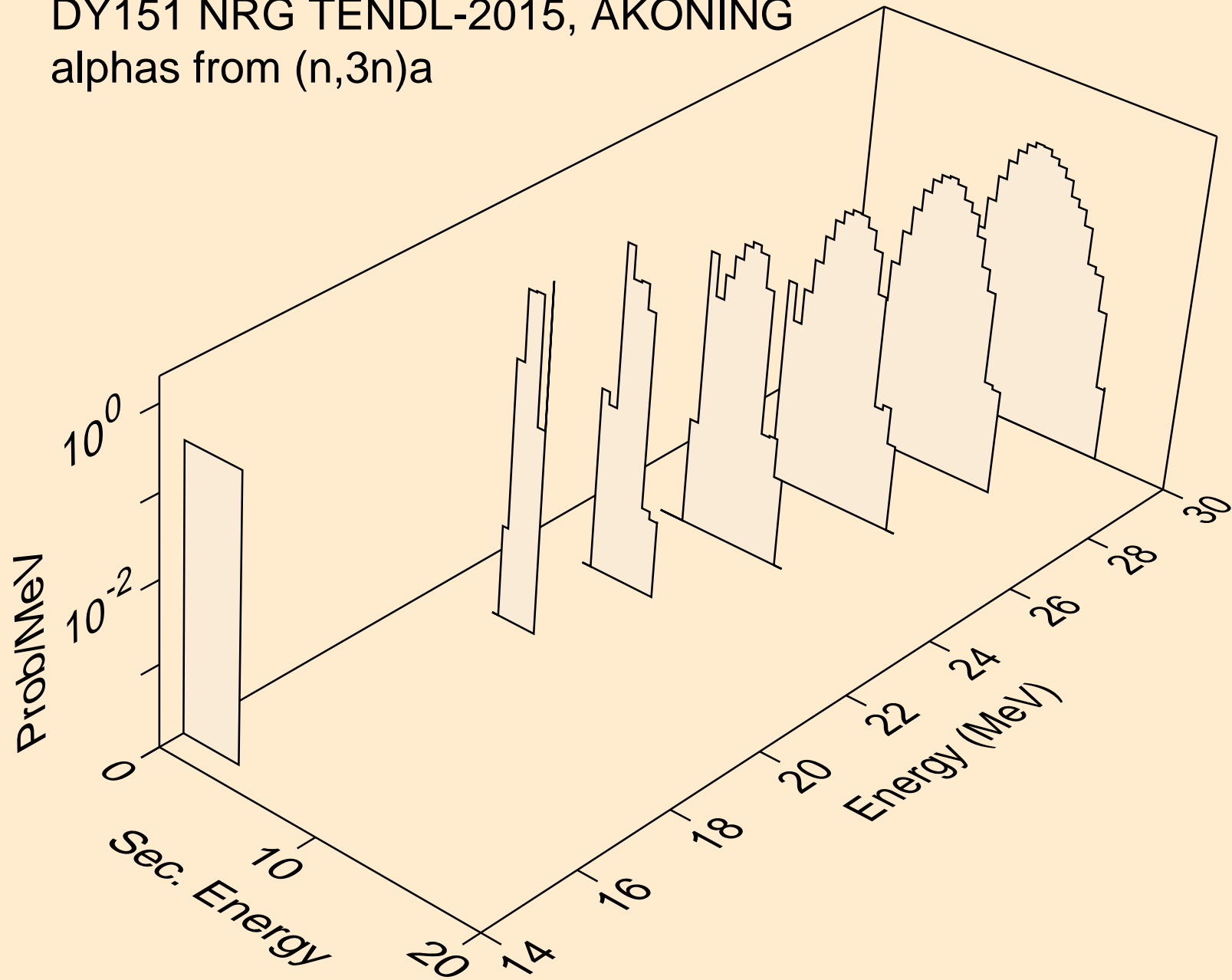




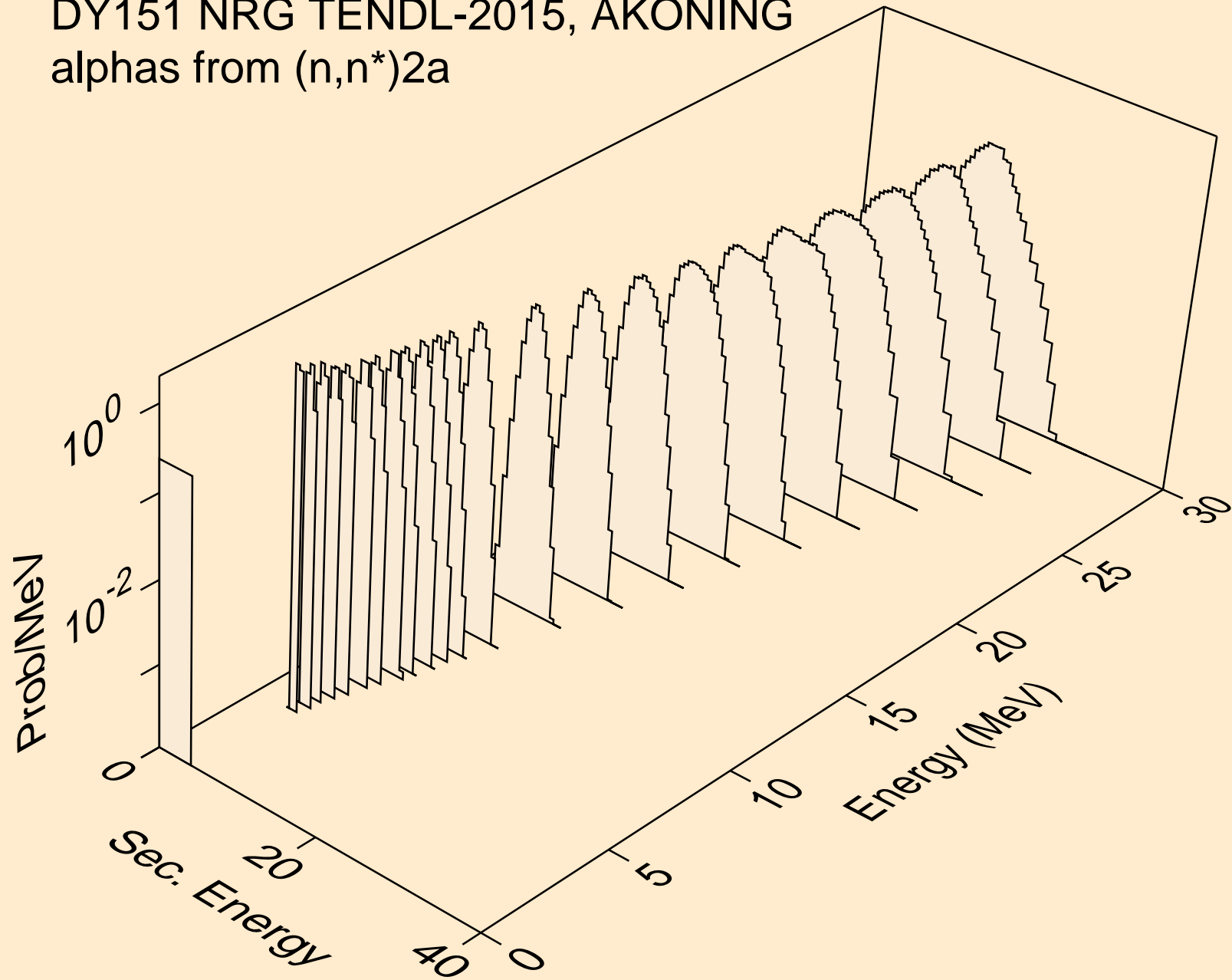
DY151 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



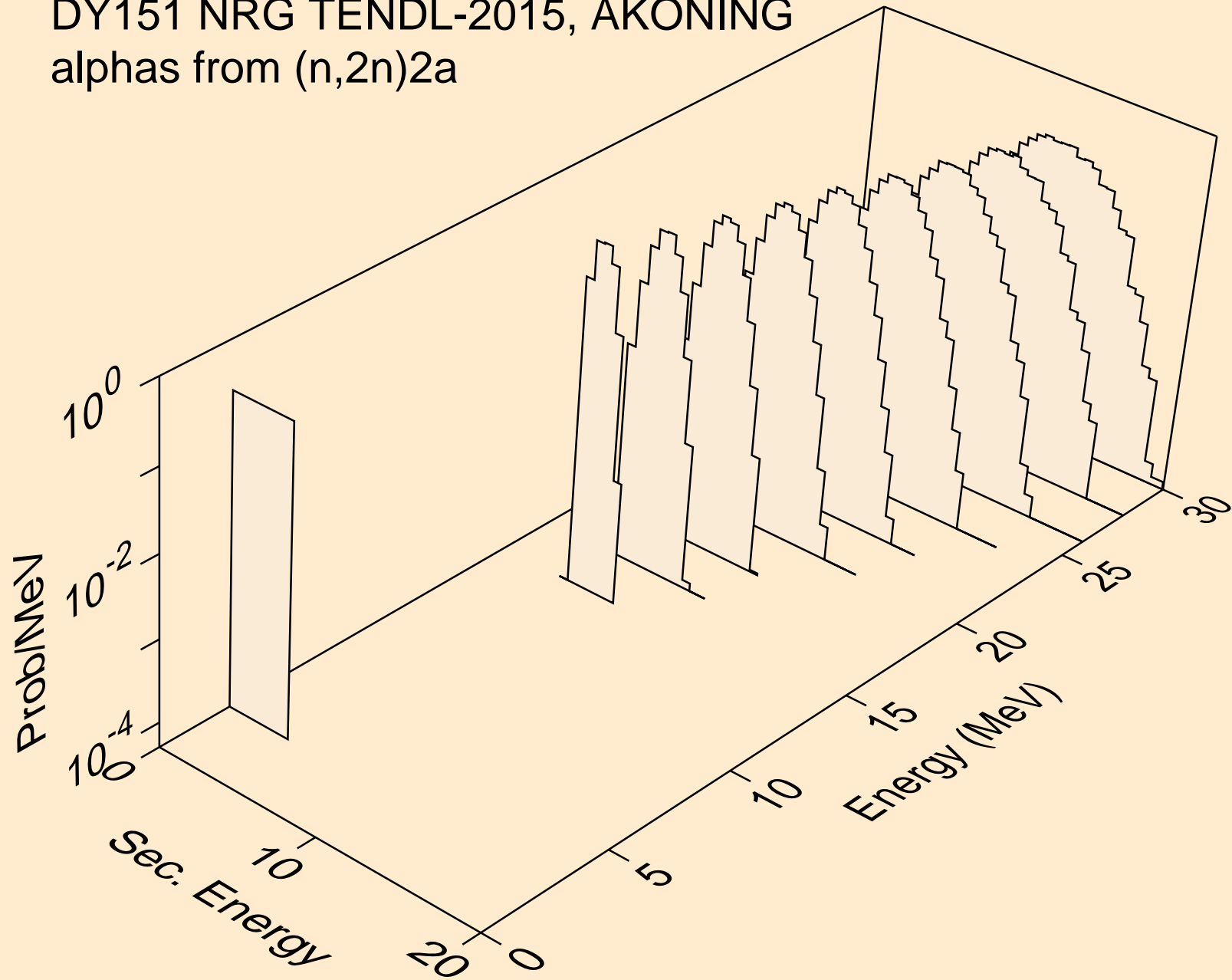
DY151 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



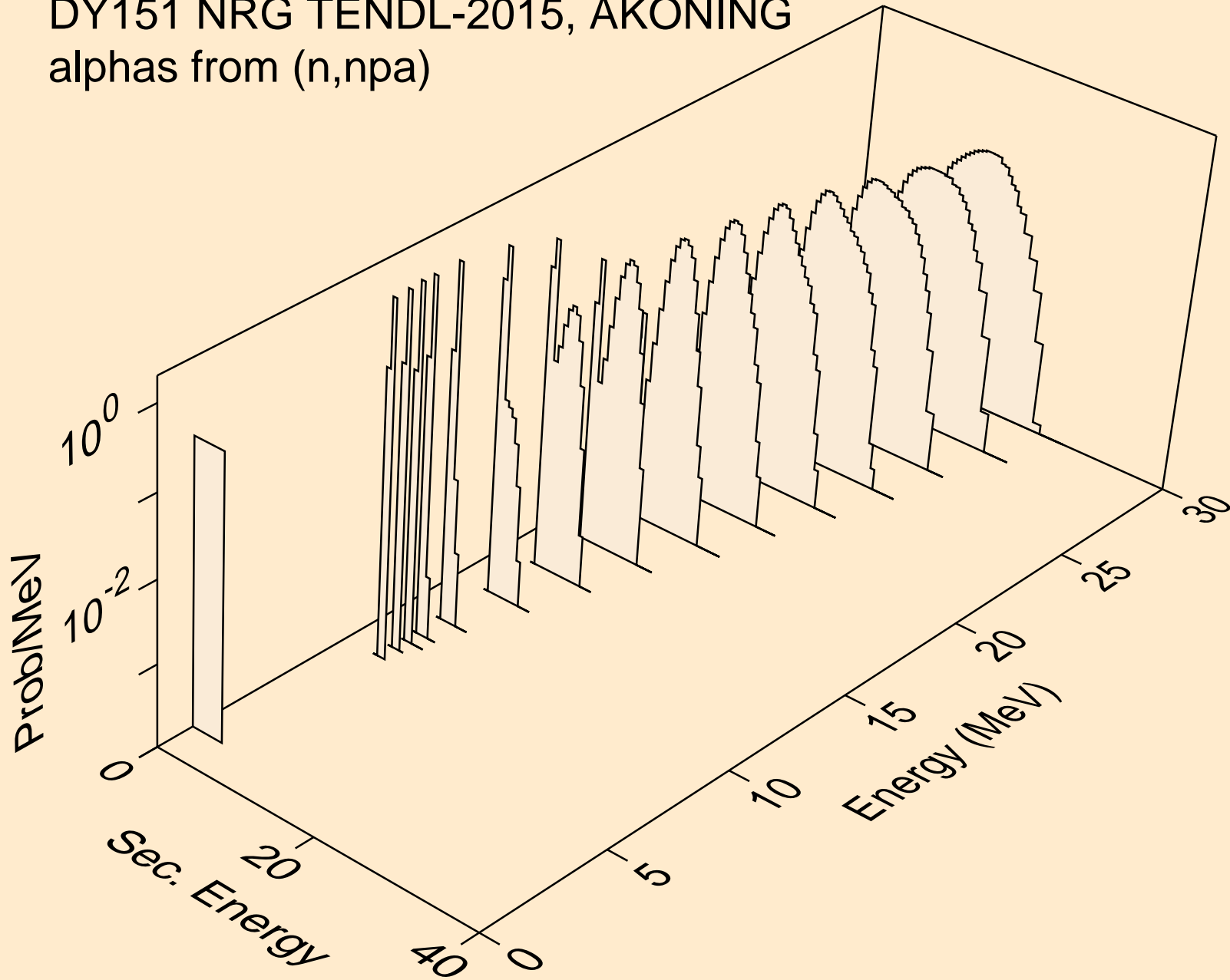
DY151 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



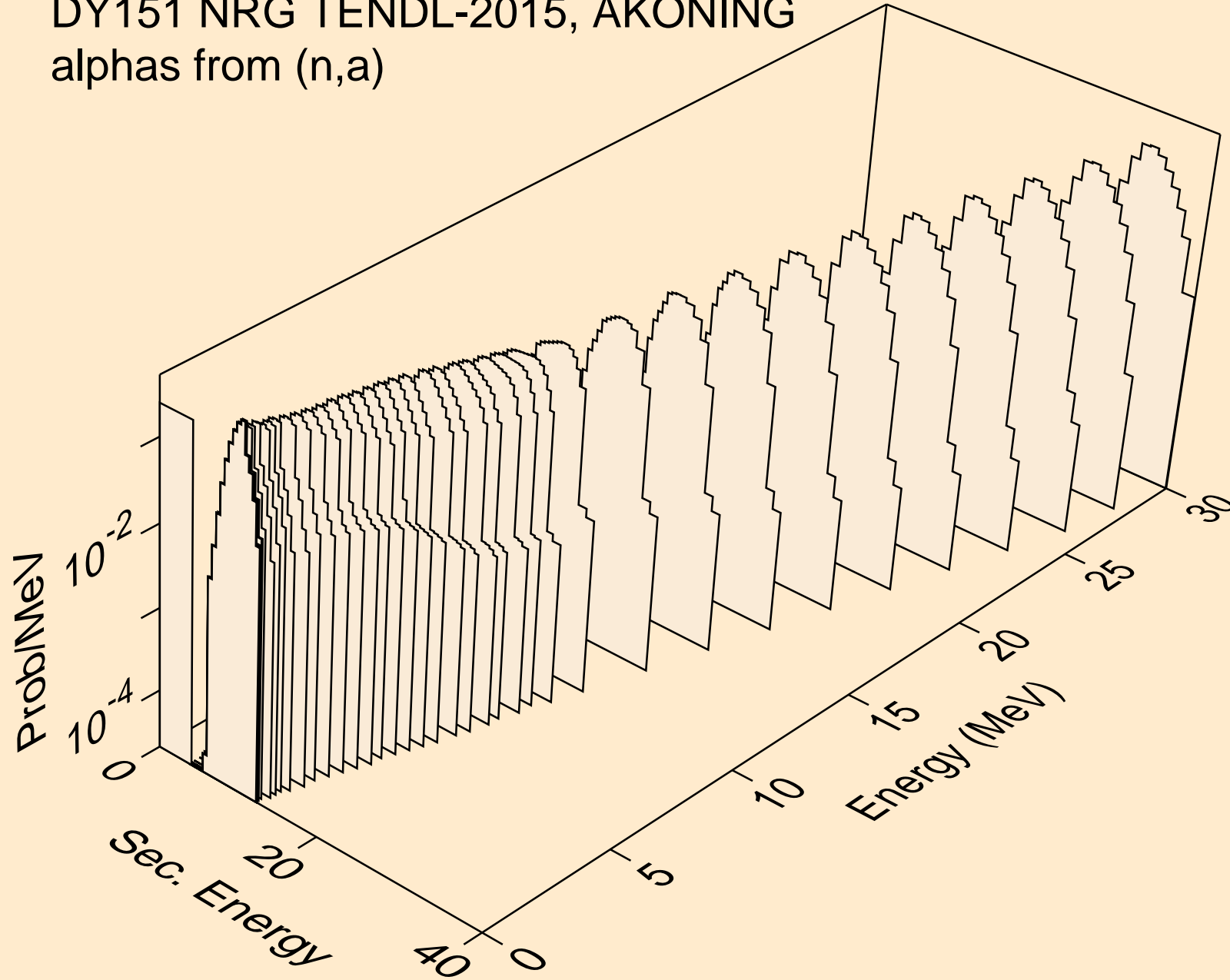
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alphas from (n,2n)2a



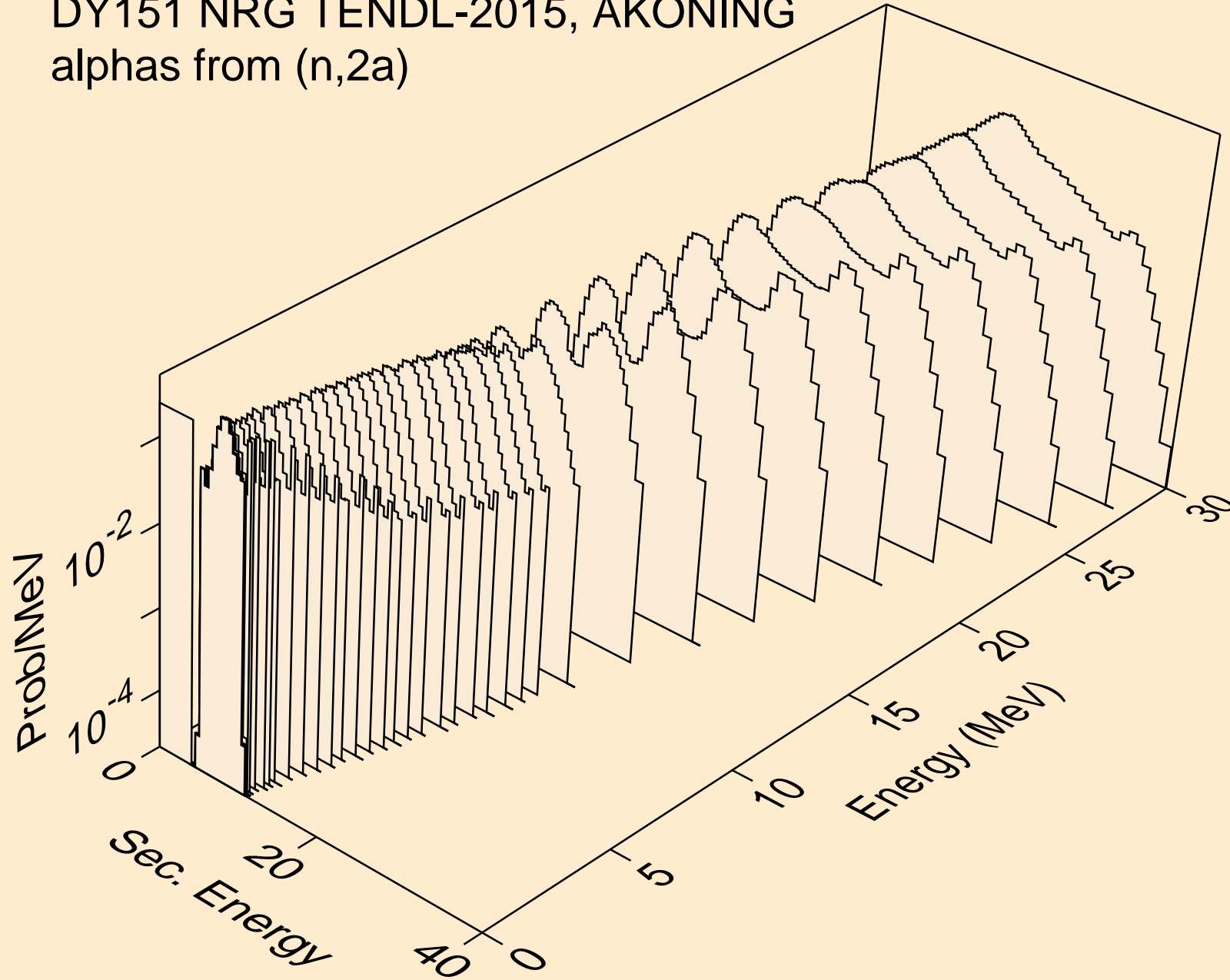
DY151 NRG TENDL-2015, AKONING  
alphas from (n,npa)



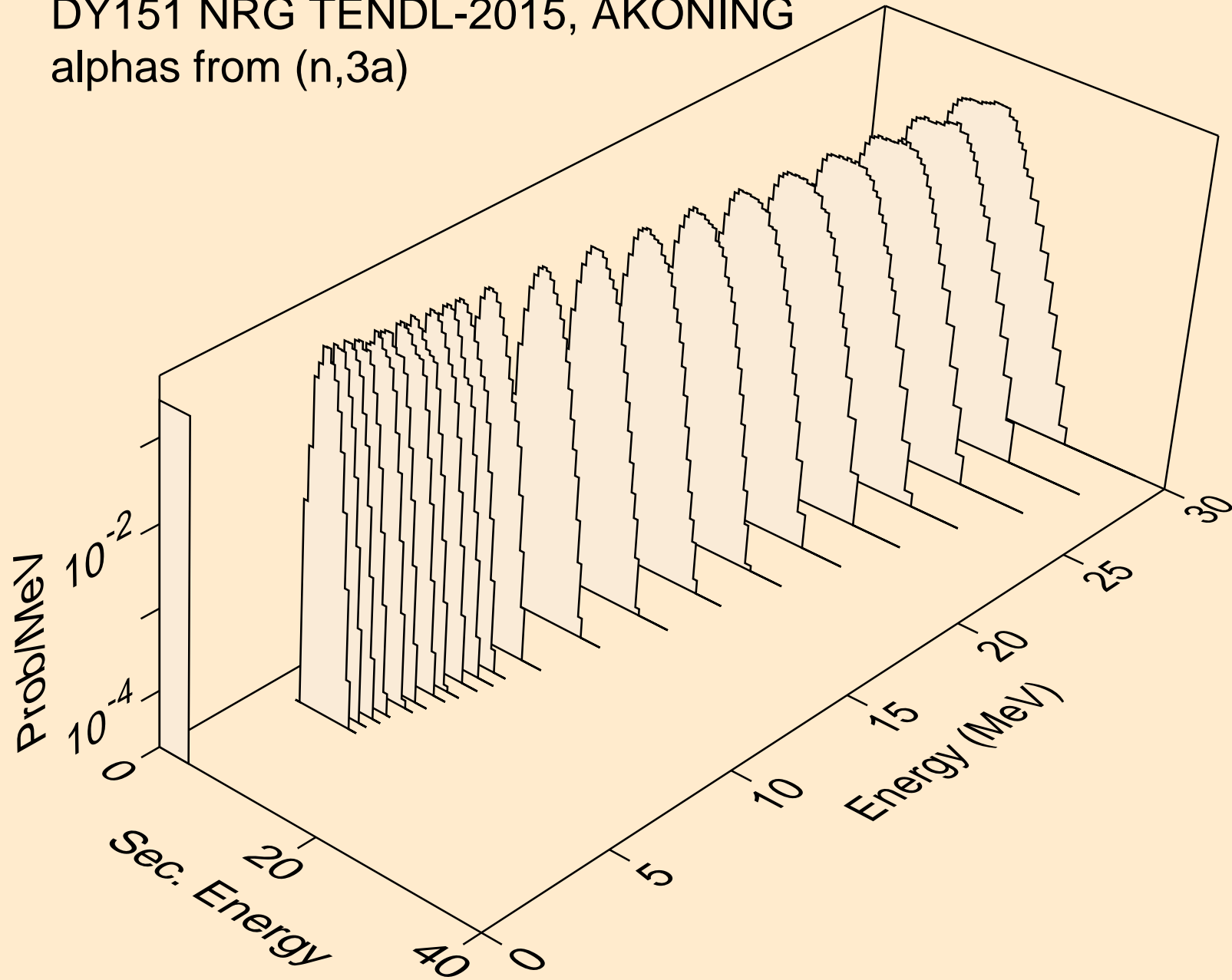
DY151 NRG TENDL-2015, AKONING  
alphas from (n,a)



DY151 NRG TENDL-2015, AKONING  
alphas from (n,2a)

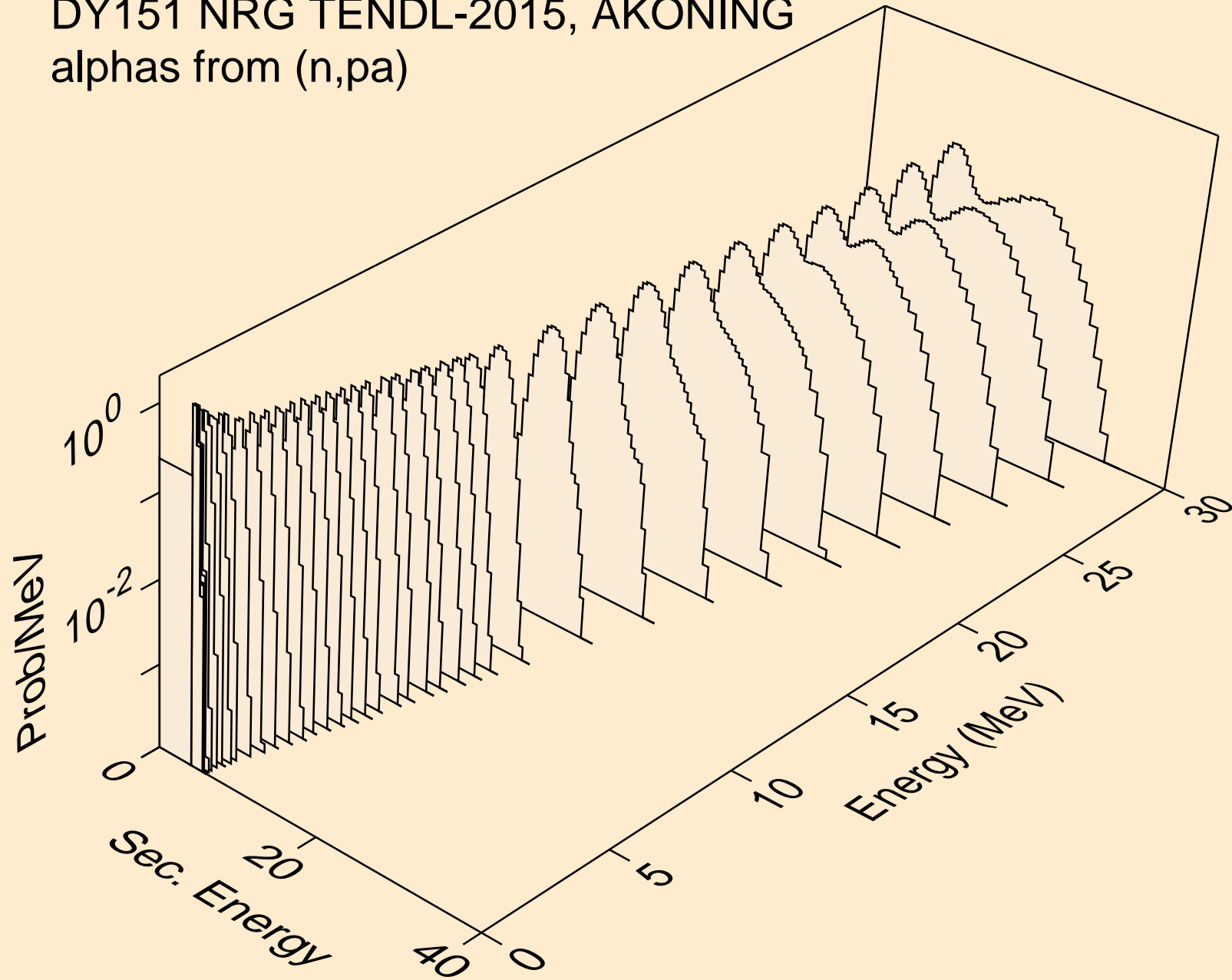


DY151 NRG TENDL-2015, AKONING  
alphas from (n,3a)





DY151 NRG TENDL-2015, AKONING  
alphas from (n,pa)



DY151 NRG TENDL-2015, AKONING  
alphas from (n,da)

