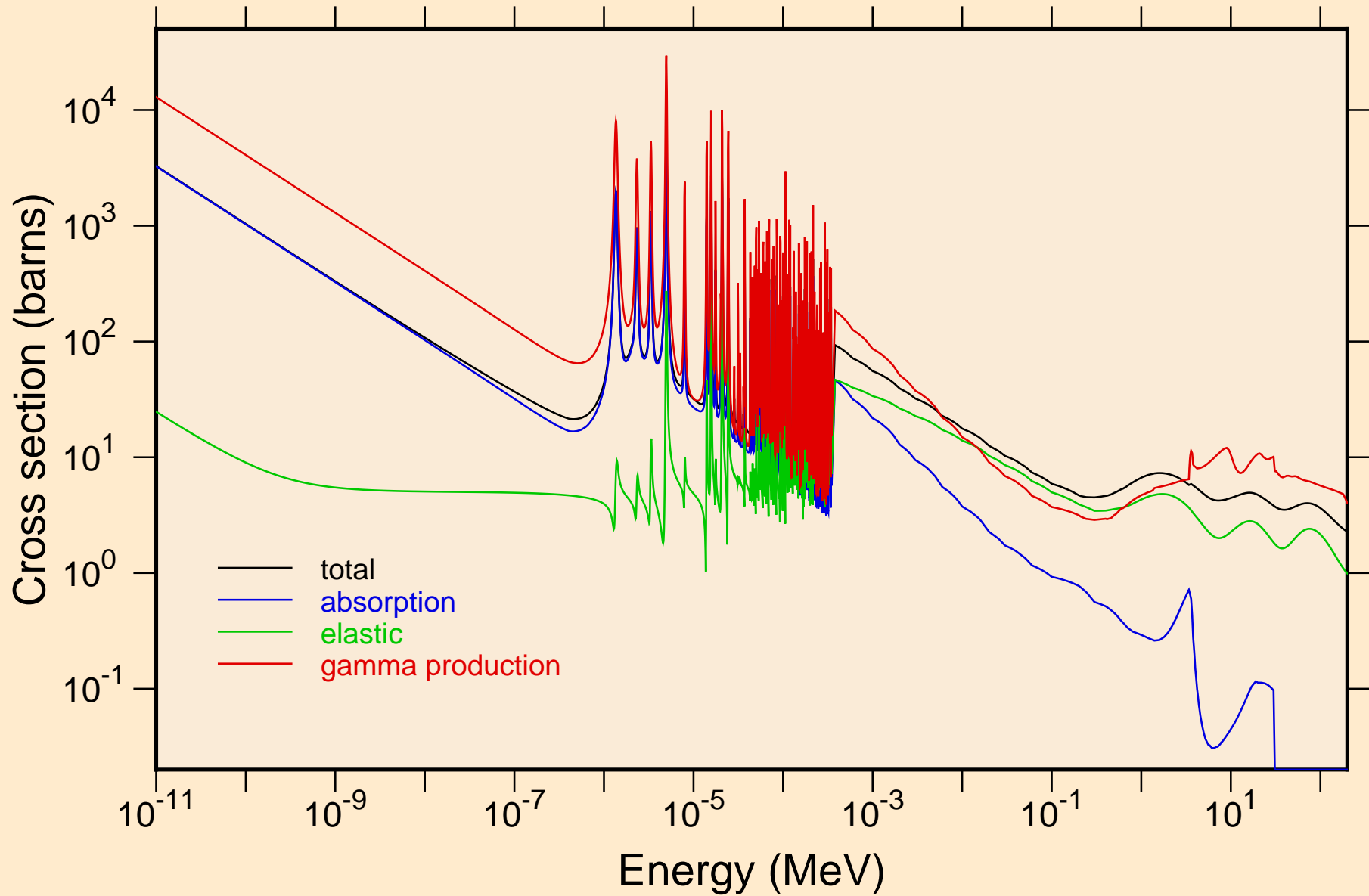
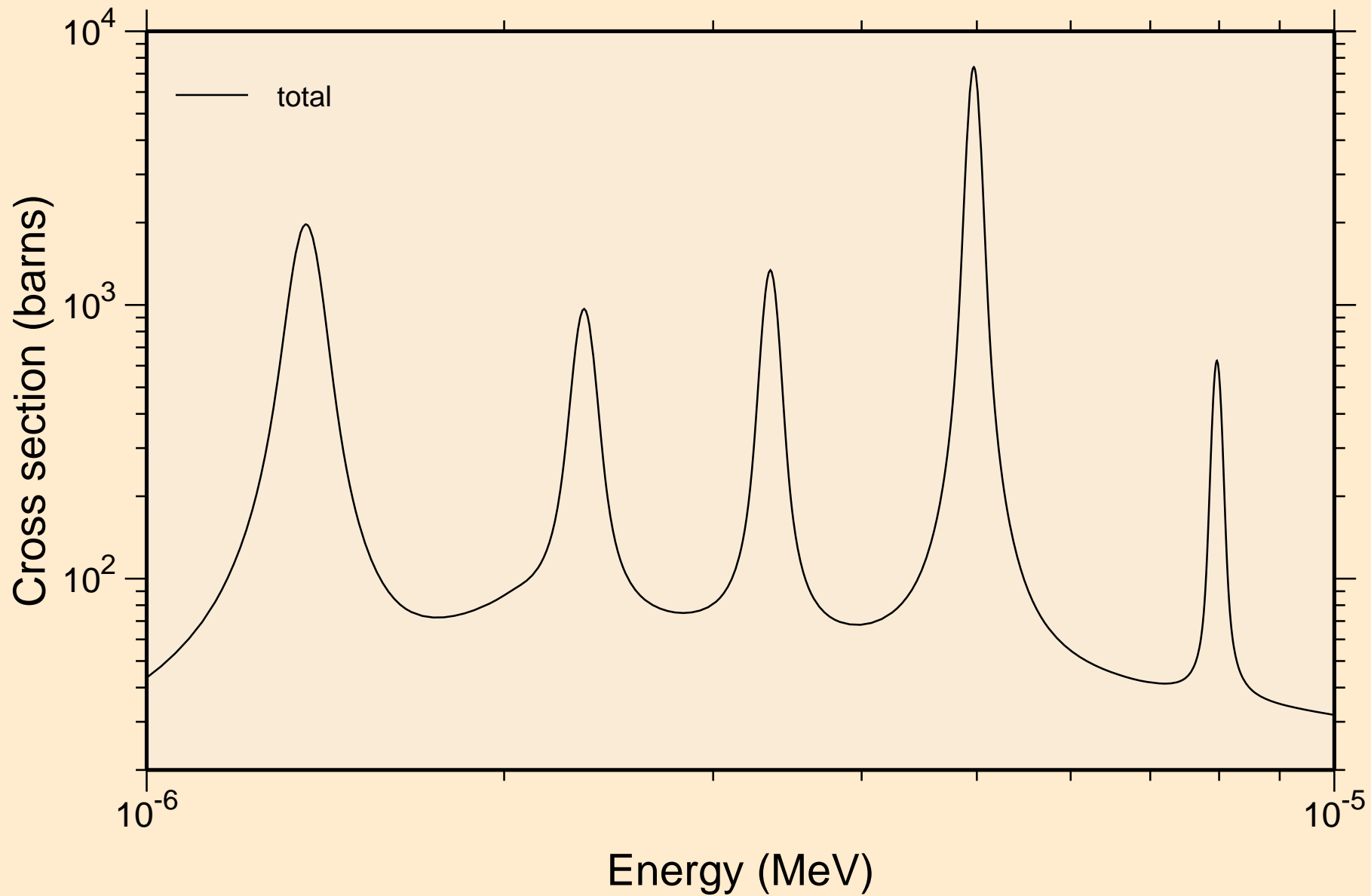


# PM142 NRG TENDL-2015, AKONING

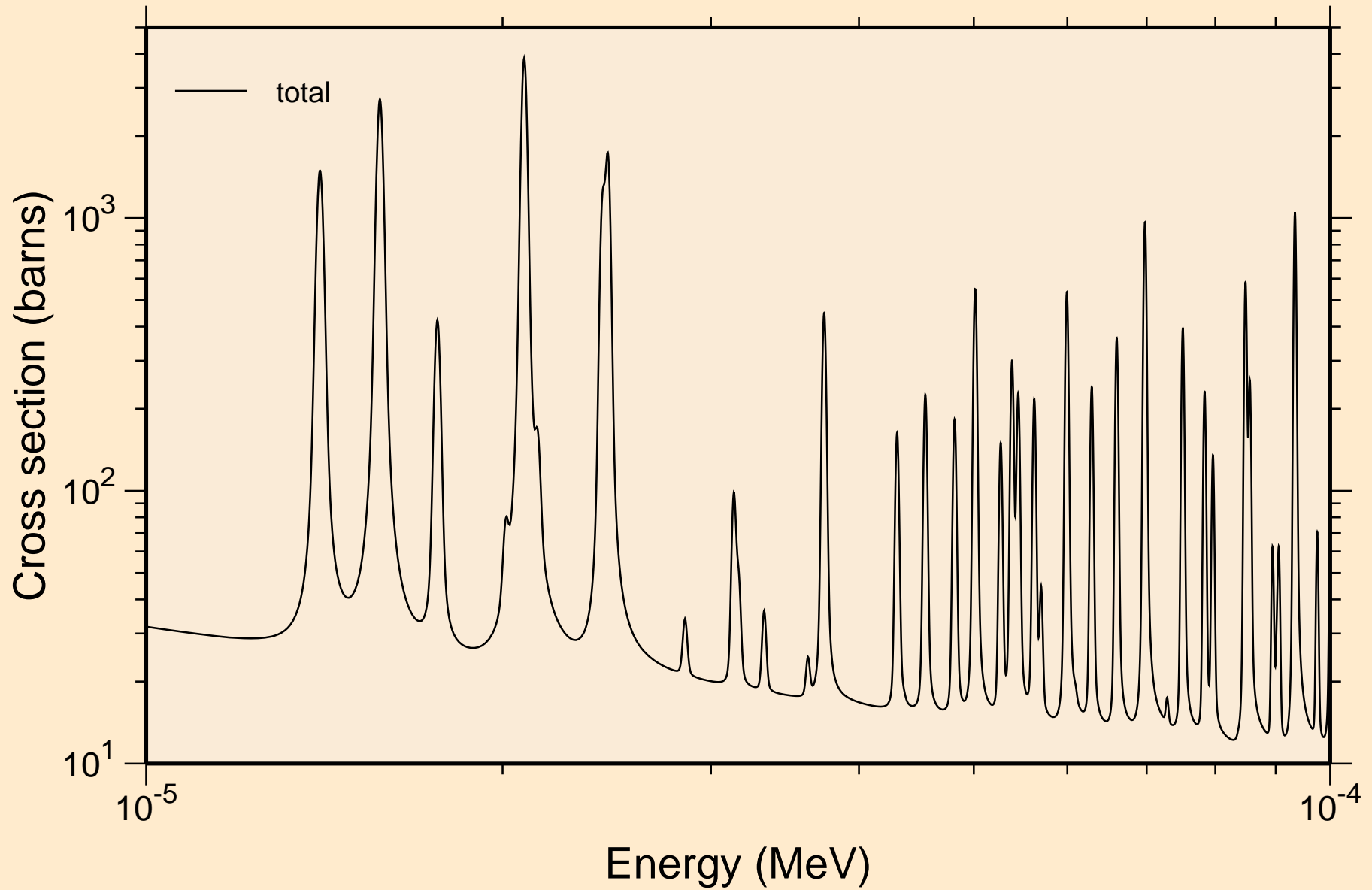
## Principal cross sections



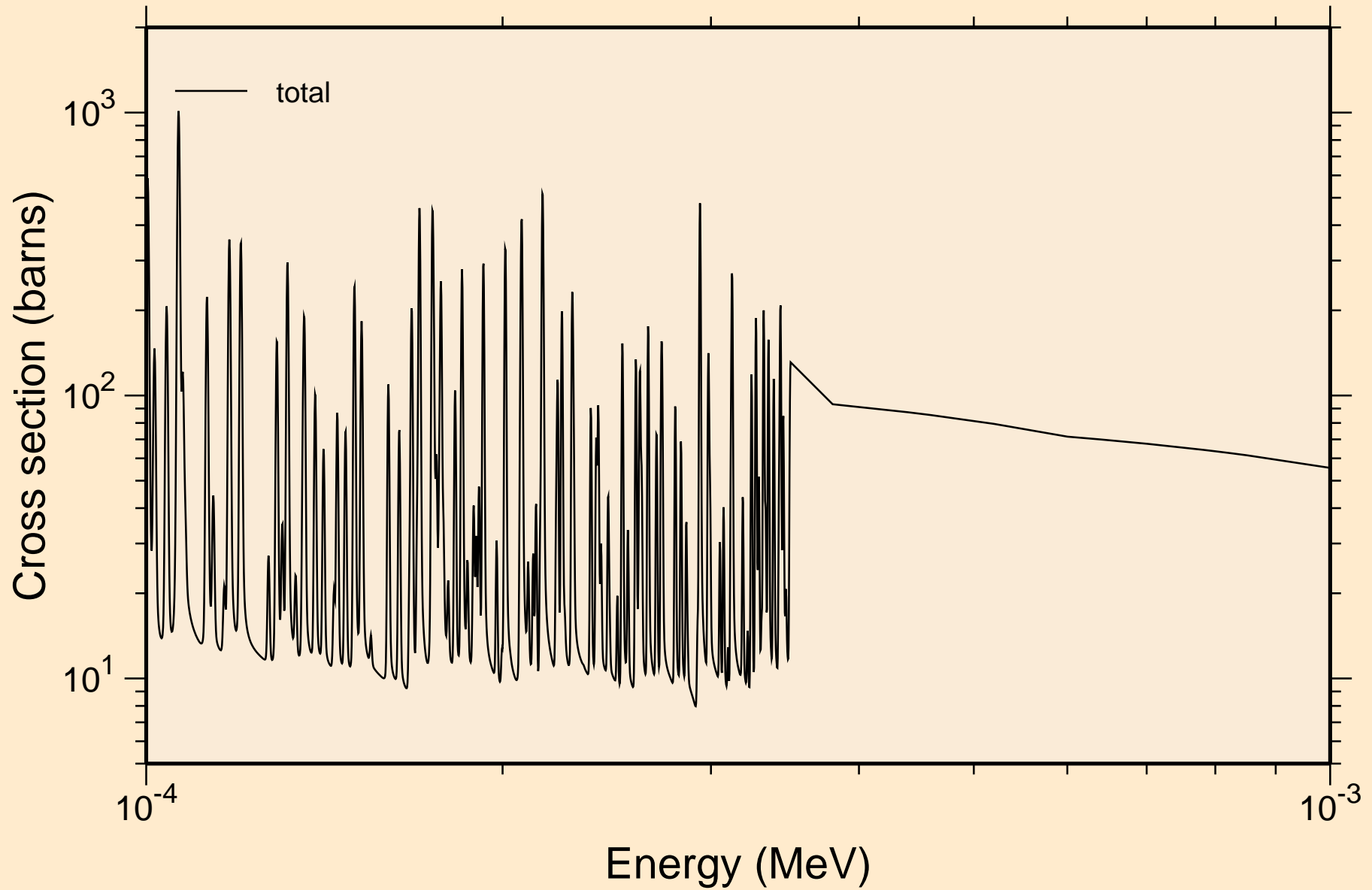
PM142 NRG TENDL-2015, AKONING  
resonance total cross section



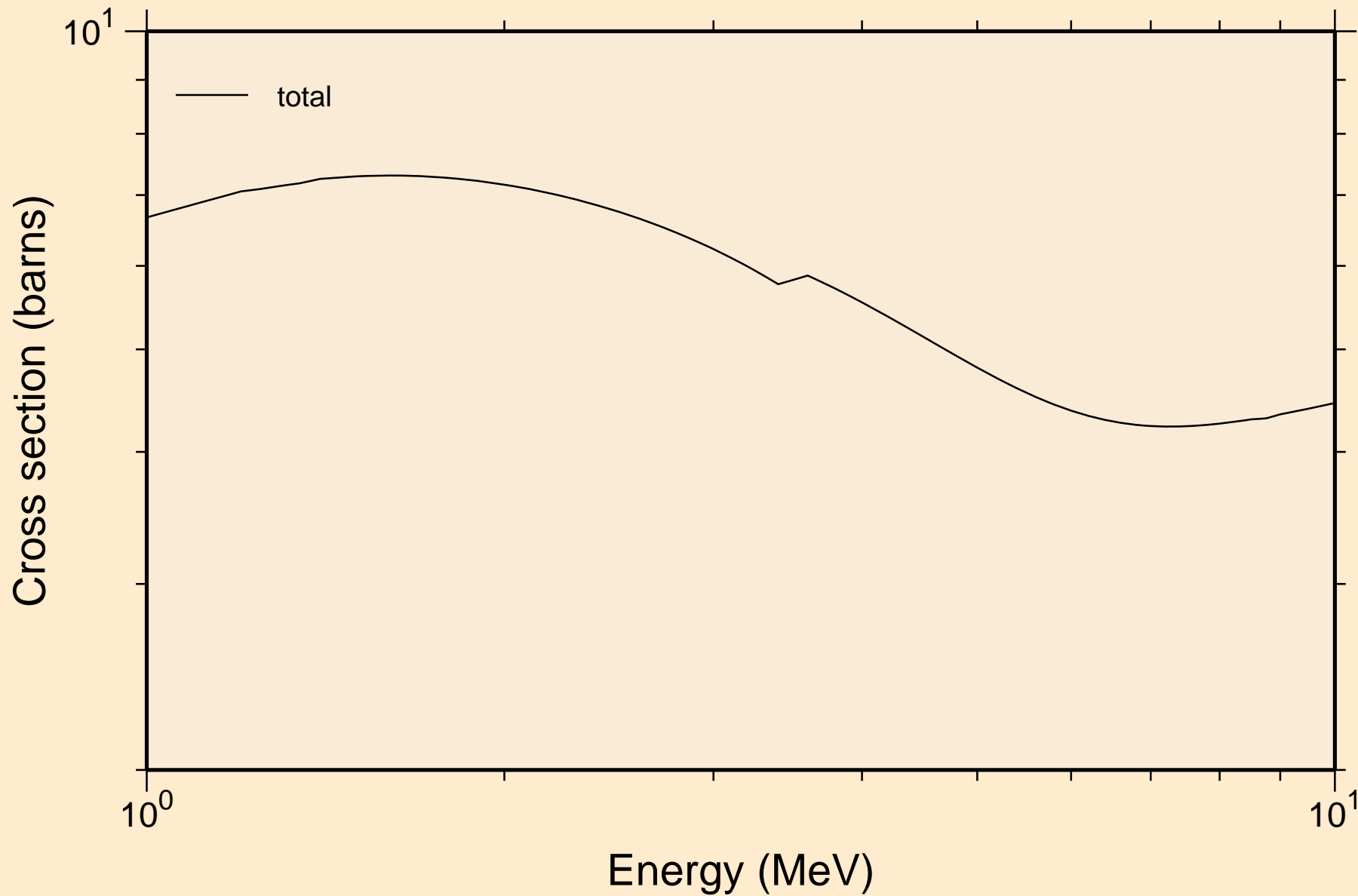
PM142 NRG TENDL-2015, AKONING  
resonance total cross section



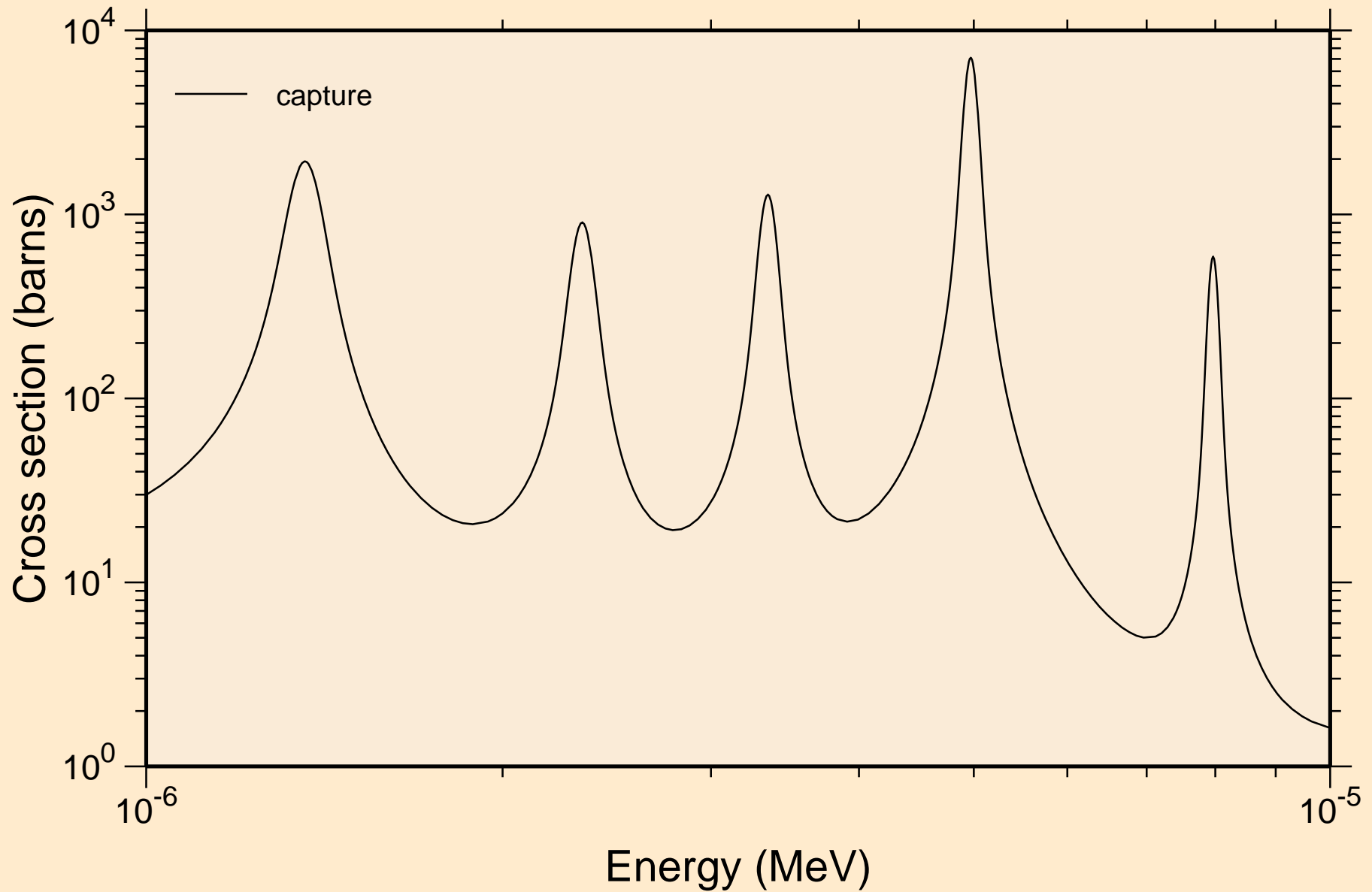
PM142 NRG TENDL-2015, AKONING  
resonance total cross section



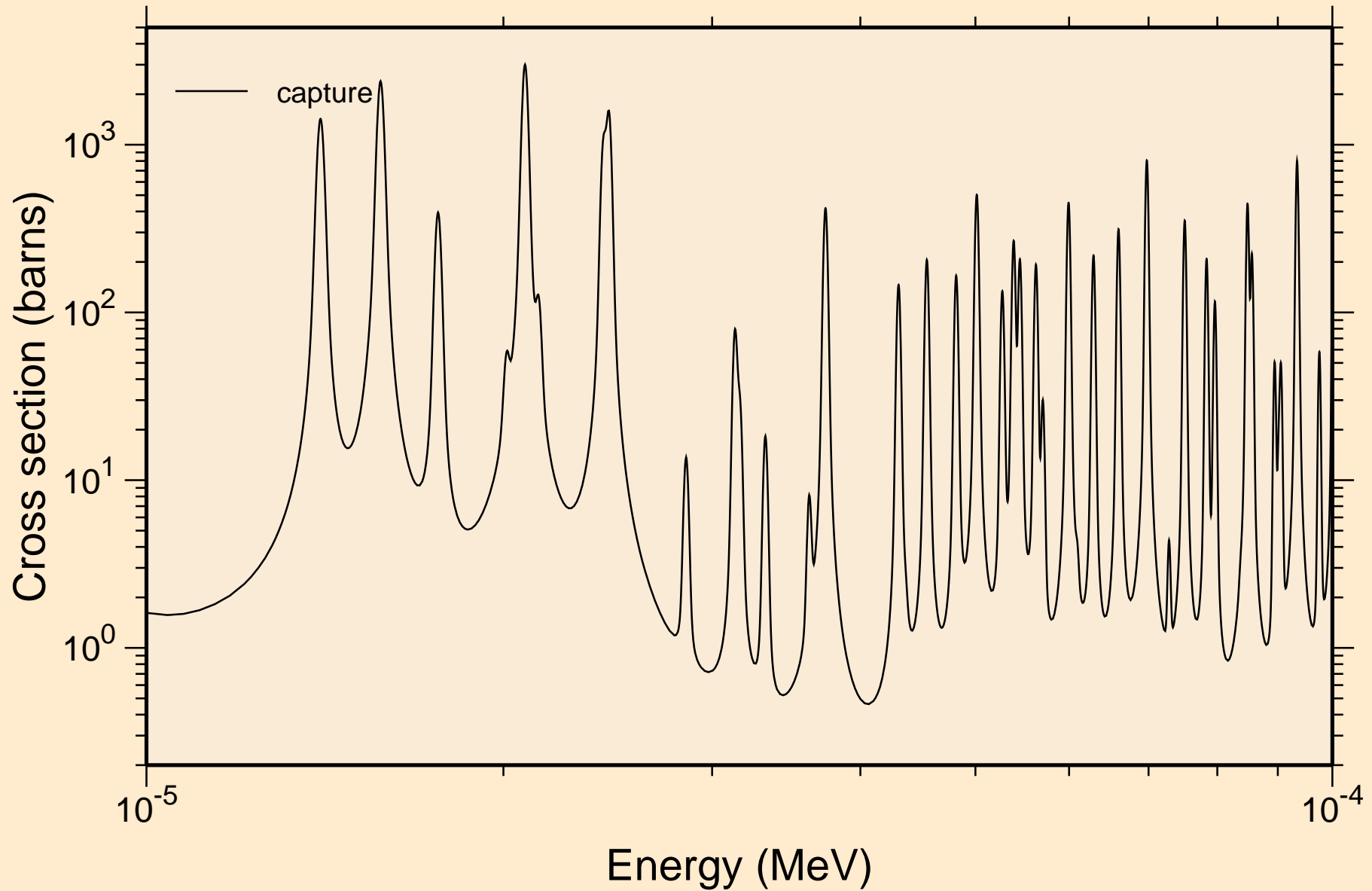
PM142 NRG TENDL-2015, AKONING  
resonance total cross section



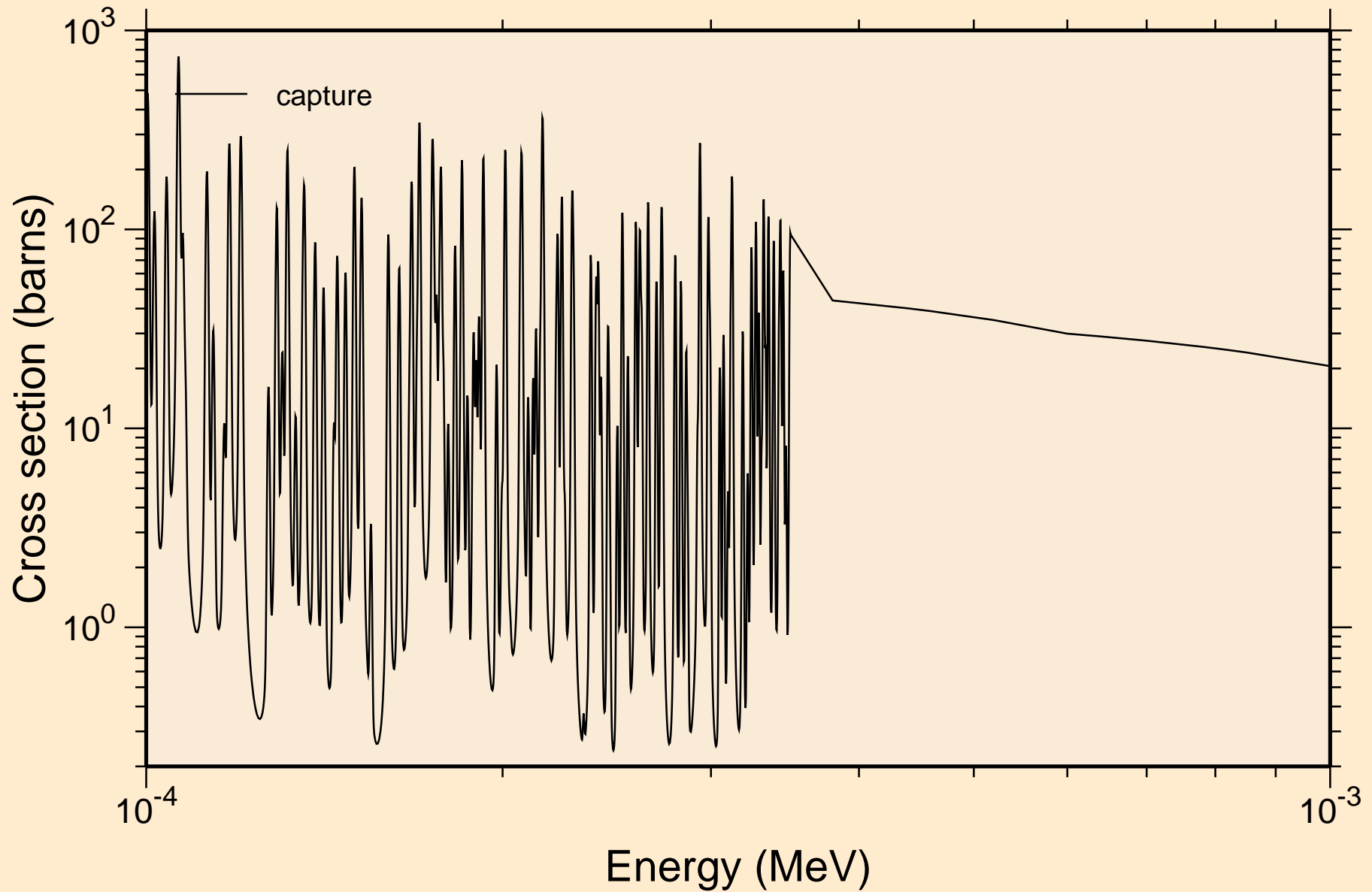
PM142 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PM142 NRG TENDL-2015, AKONING  
resonance absorption cross sections

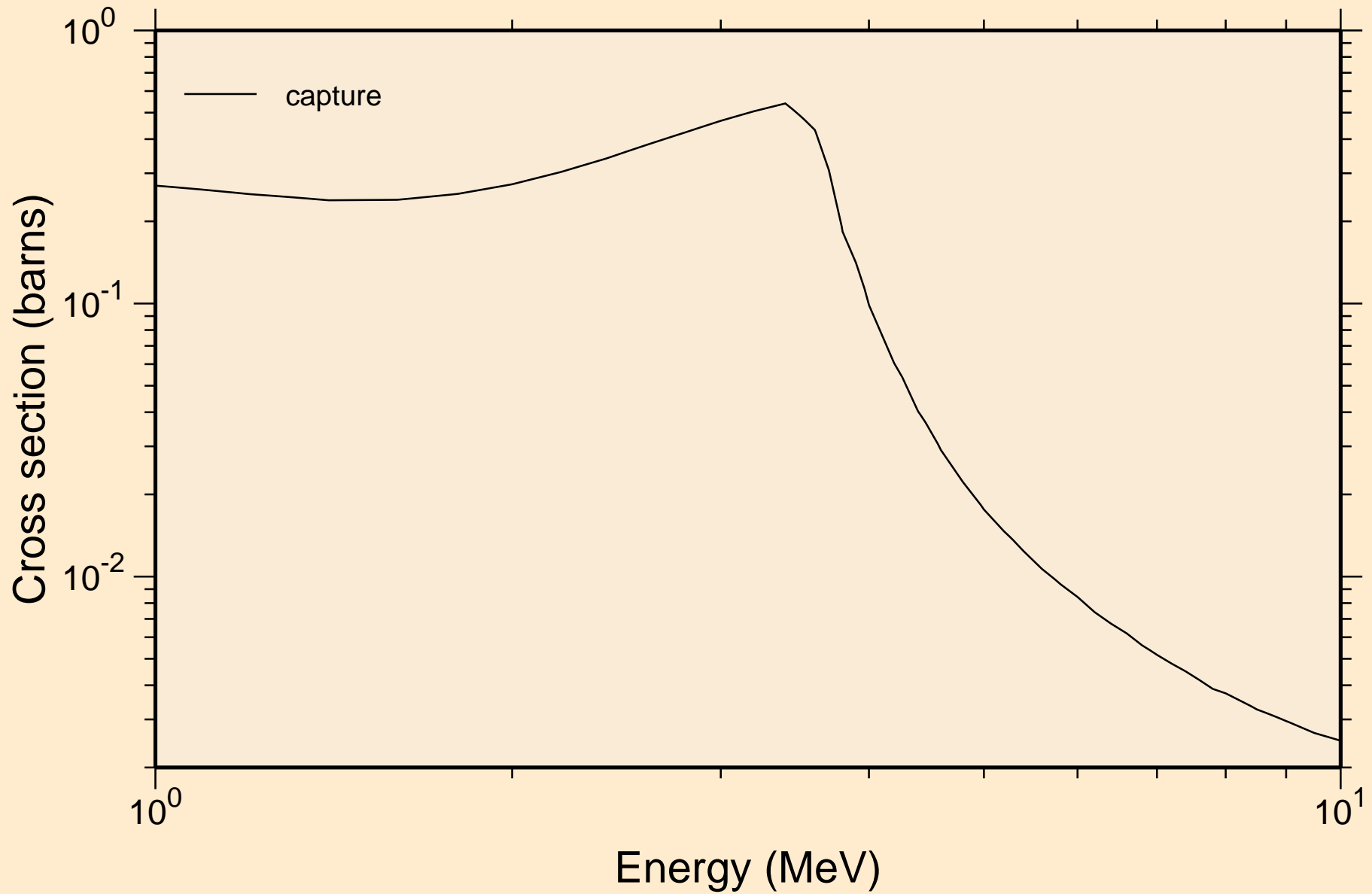


PM142 NRG TENDL-2015, AKONING  
resonance absorption cross sections



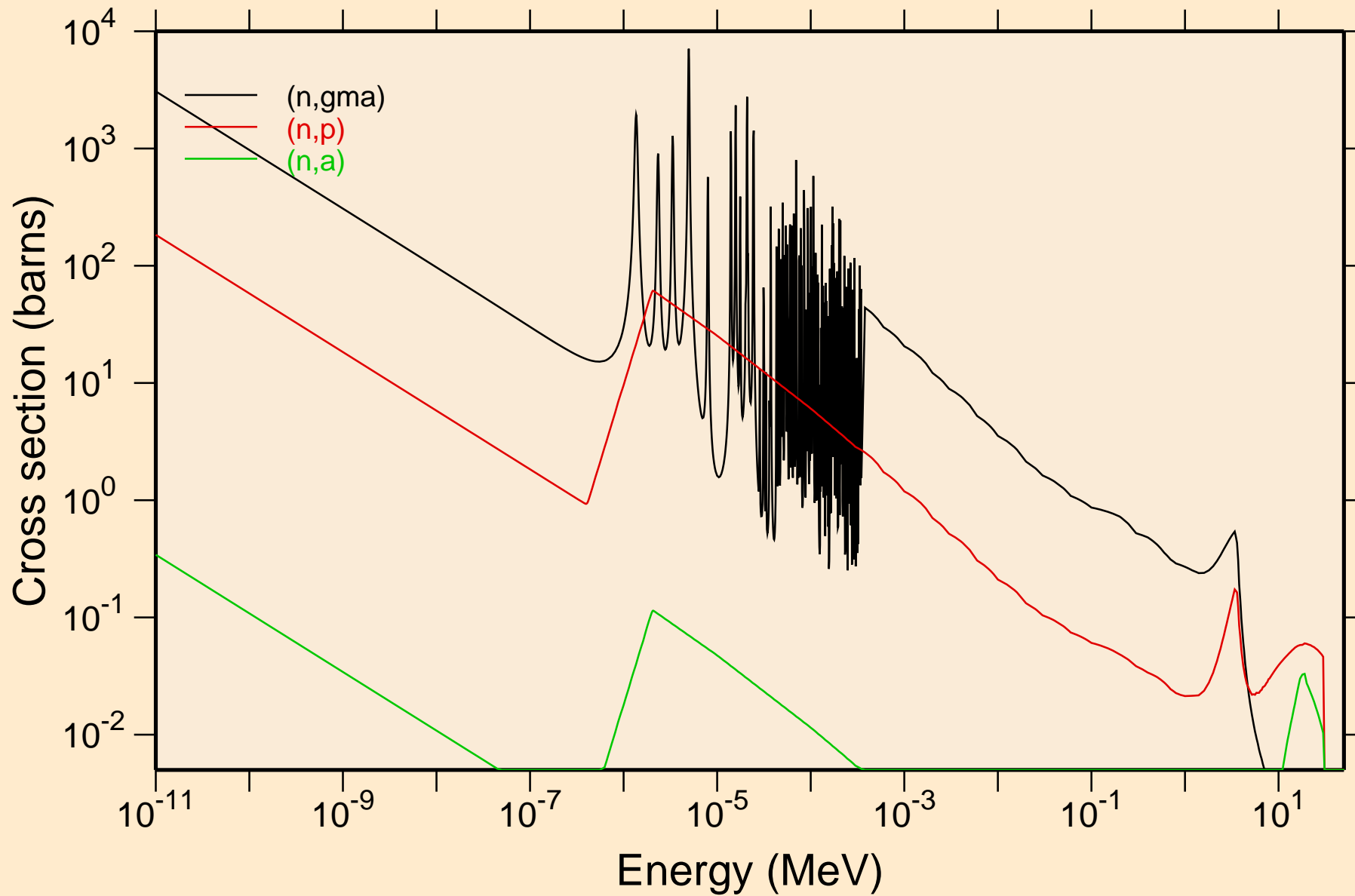


PM142 NRG TENDL-2015, AKONING  
resonance absorption cross sections



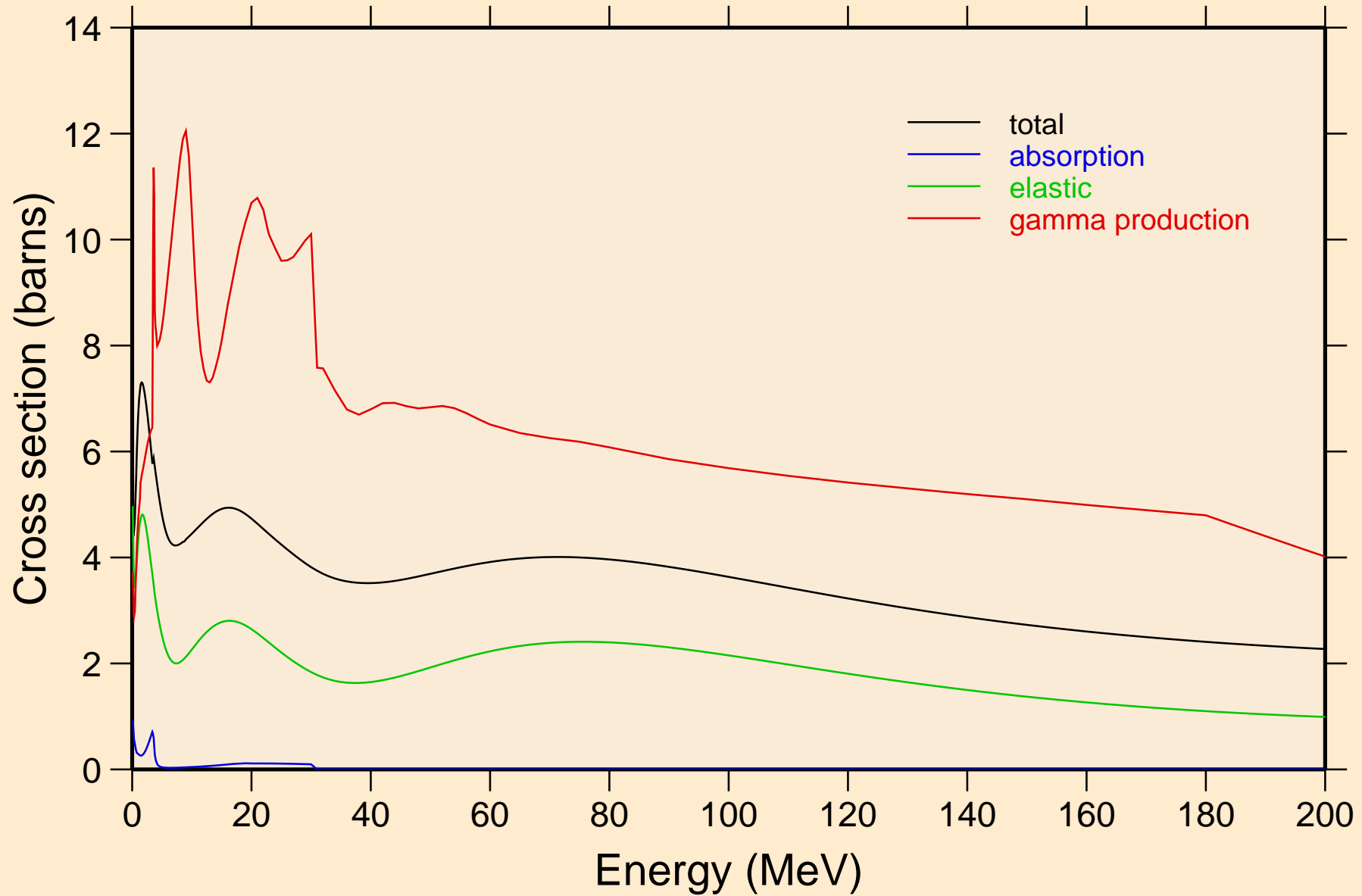
# PM142 NRG TENDL-2015, AKONING

## Non-threshold reactions



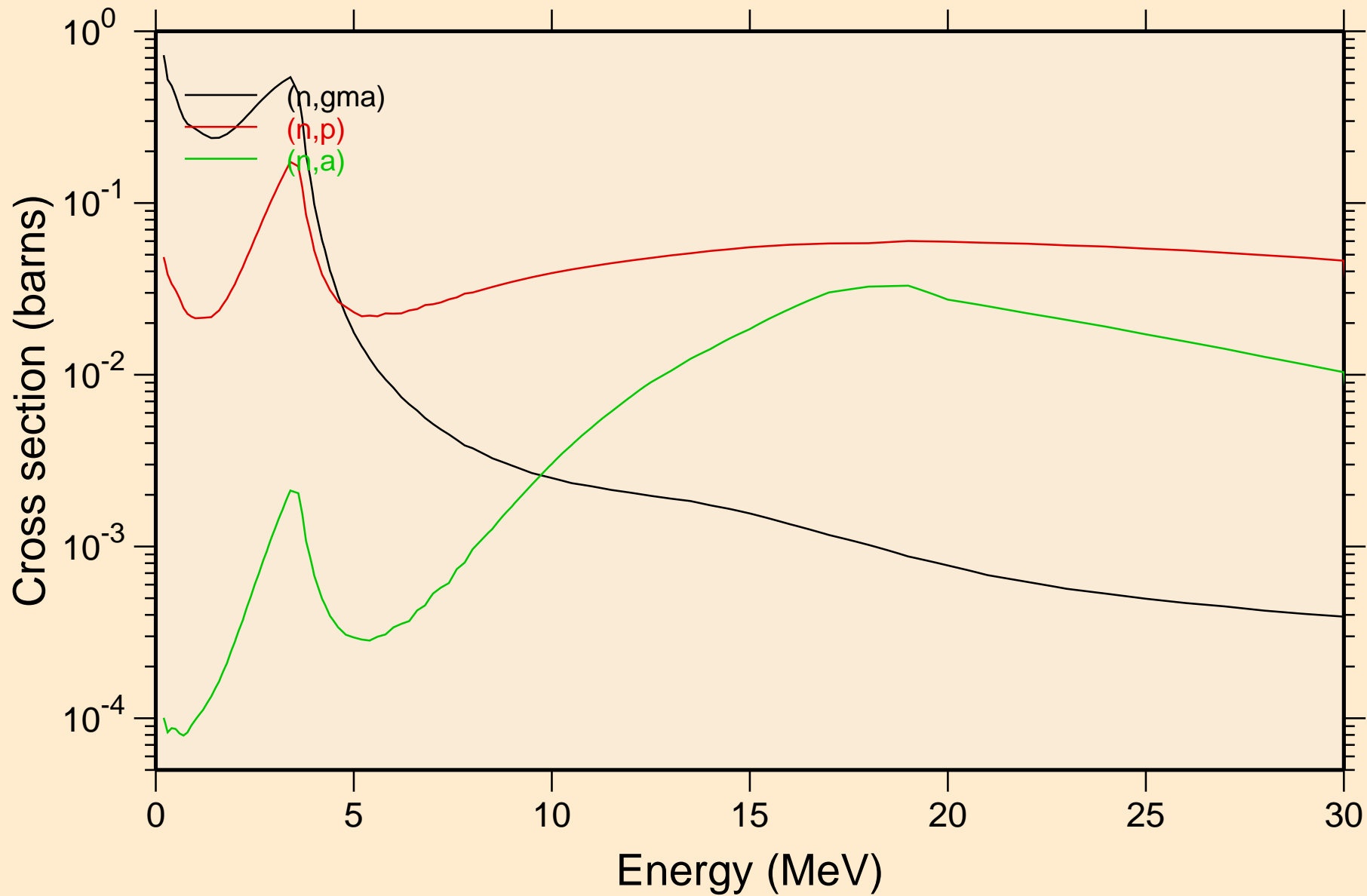
# PM142 NRG TENDL-2015, AKONING

## Principal cross sections



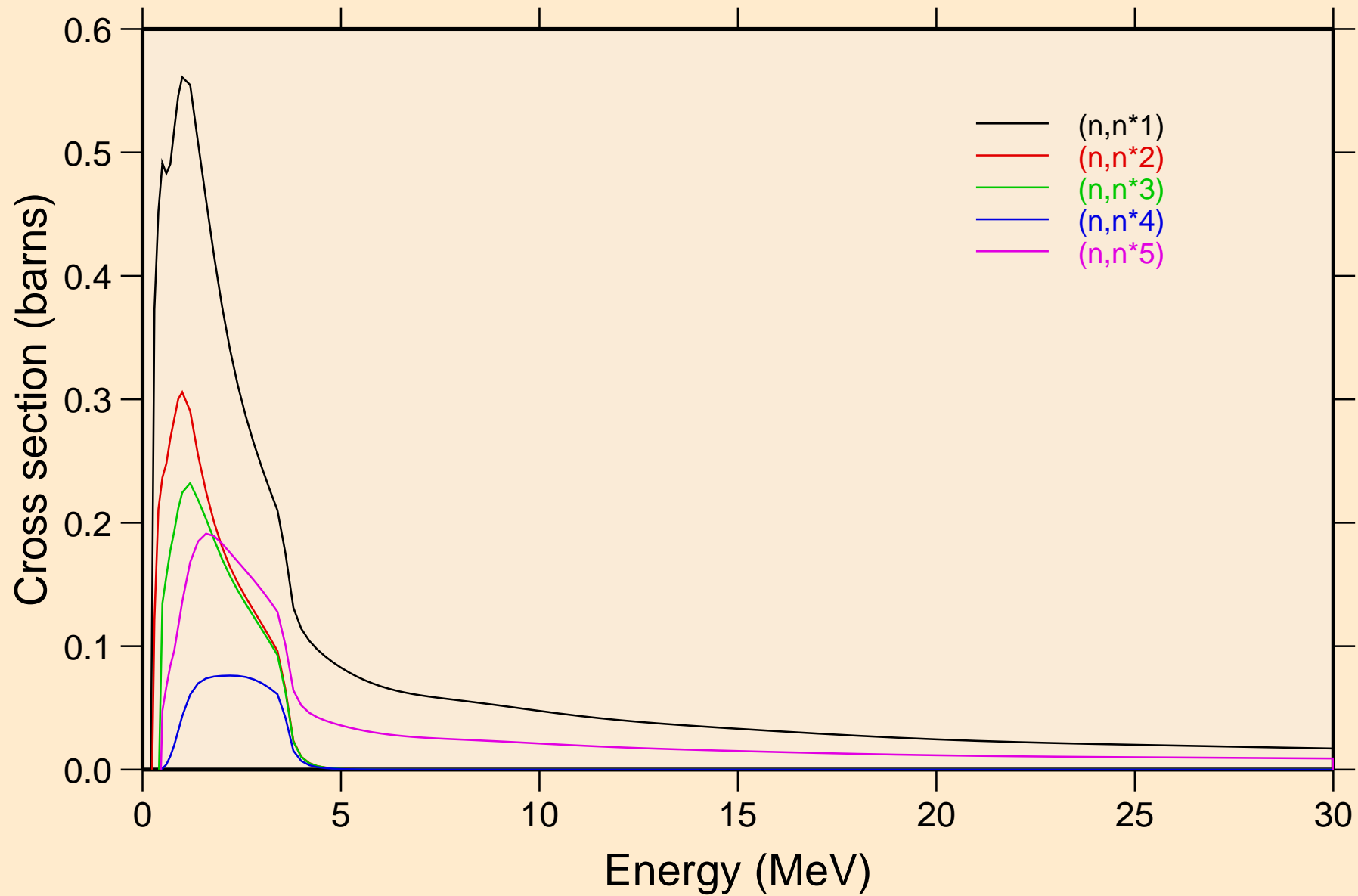
# PM142 NRG TENDL-2015, AKONING

## Non-threshold reactions



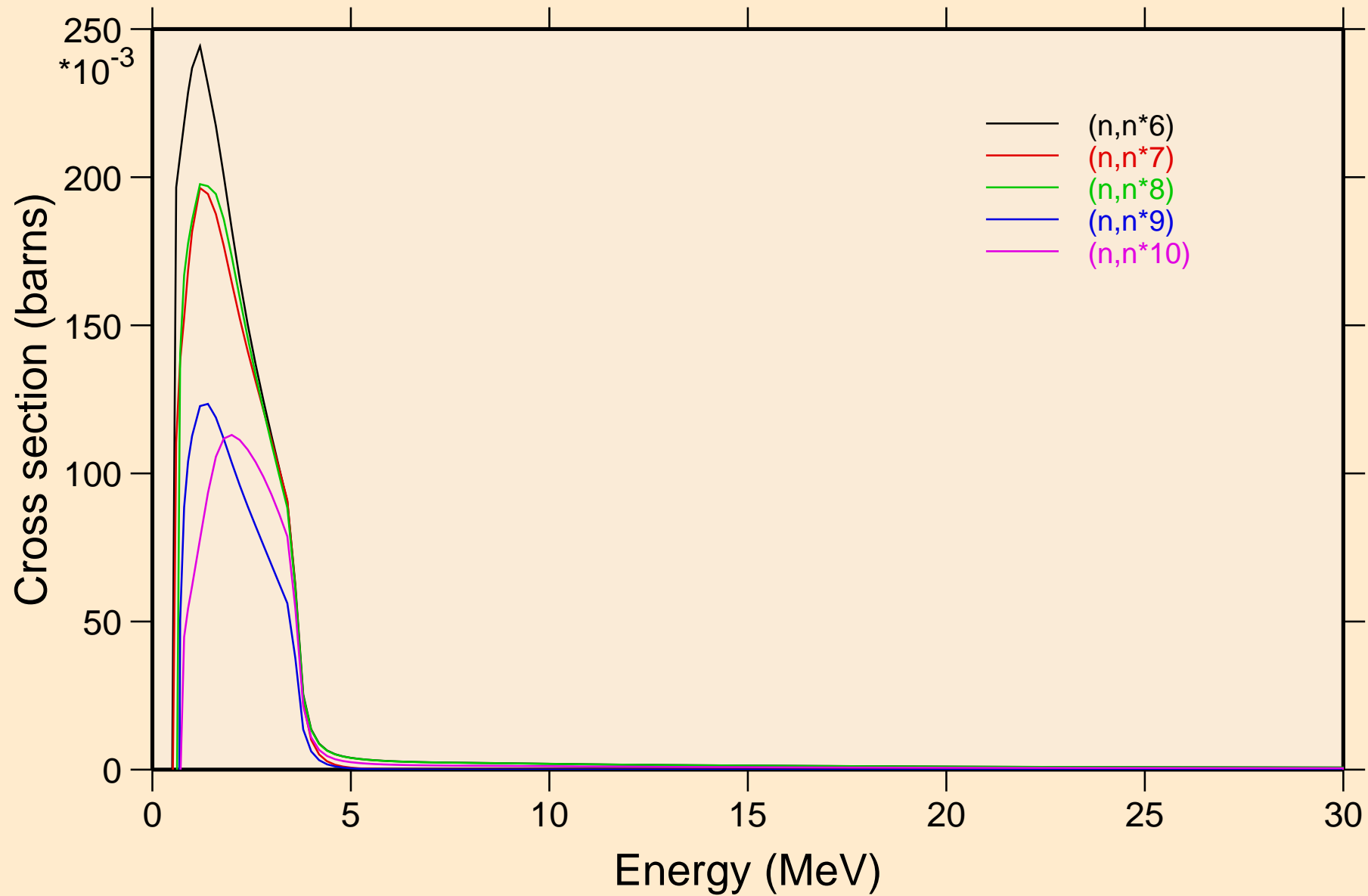
# PM142 NRG TENDL-2015, AKONING

## Inelastic levels



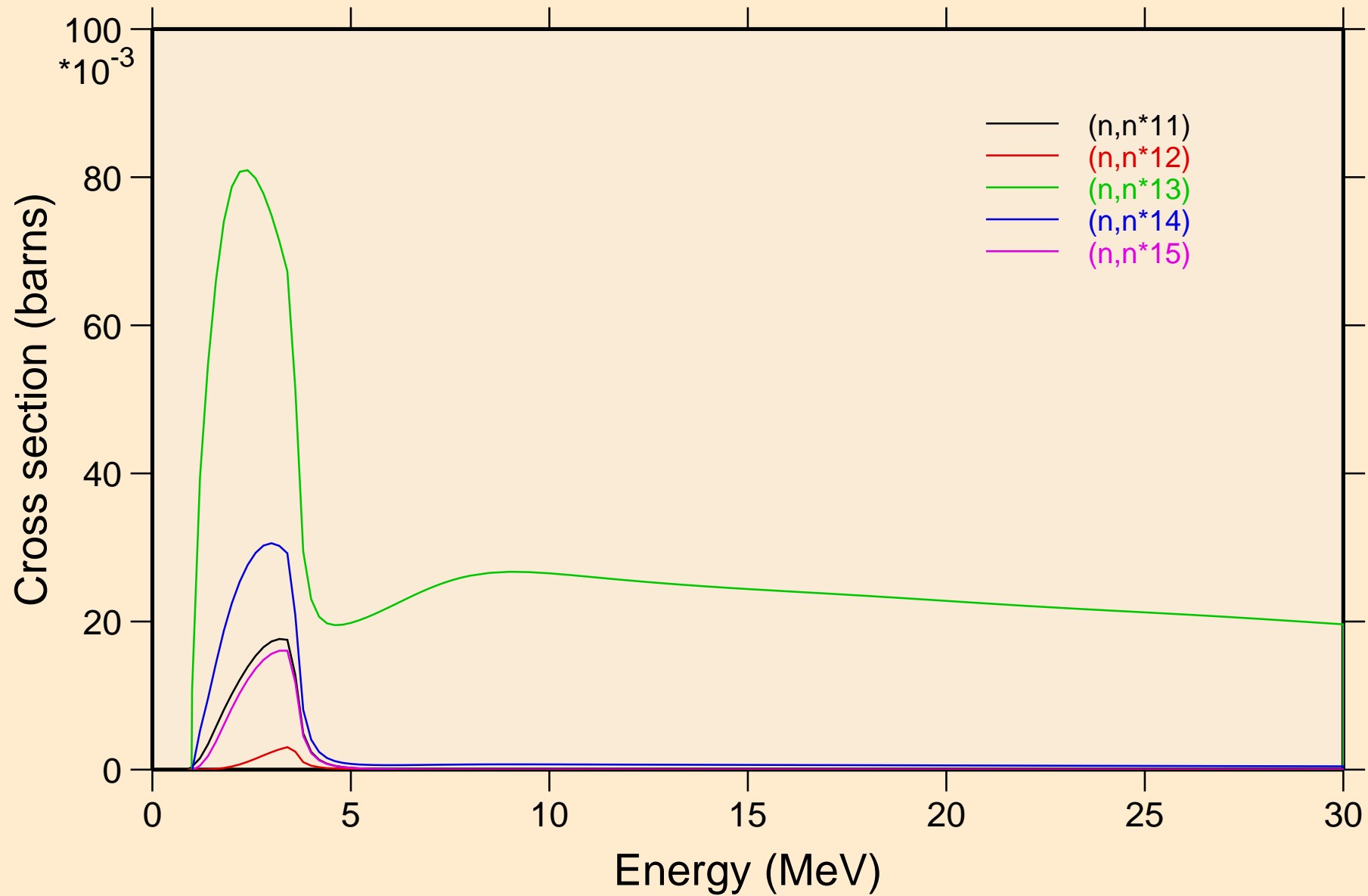
# PM142 NRG TENDL-2015, AKONING

## Inelastic levels



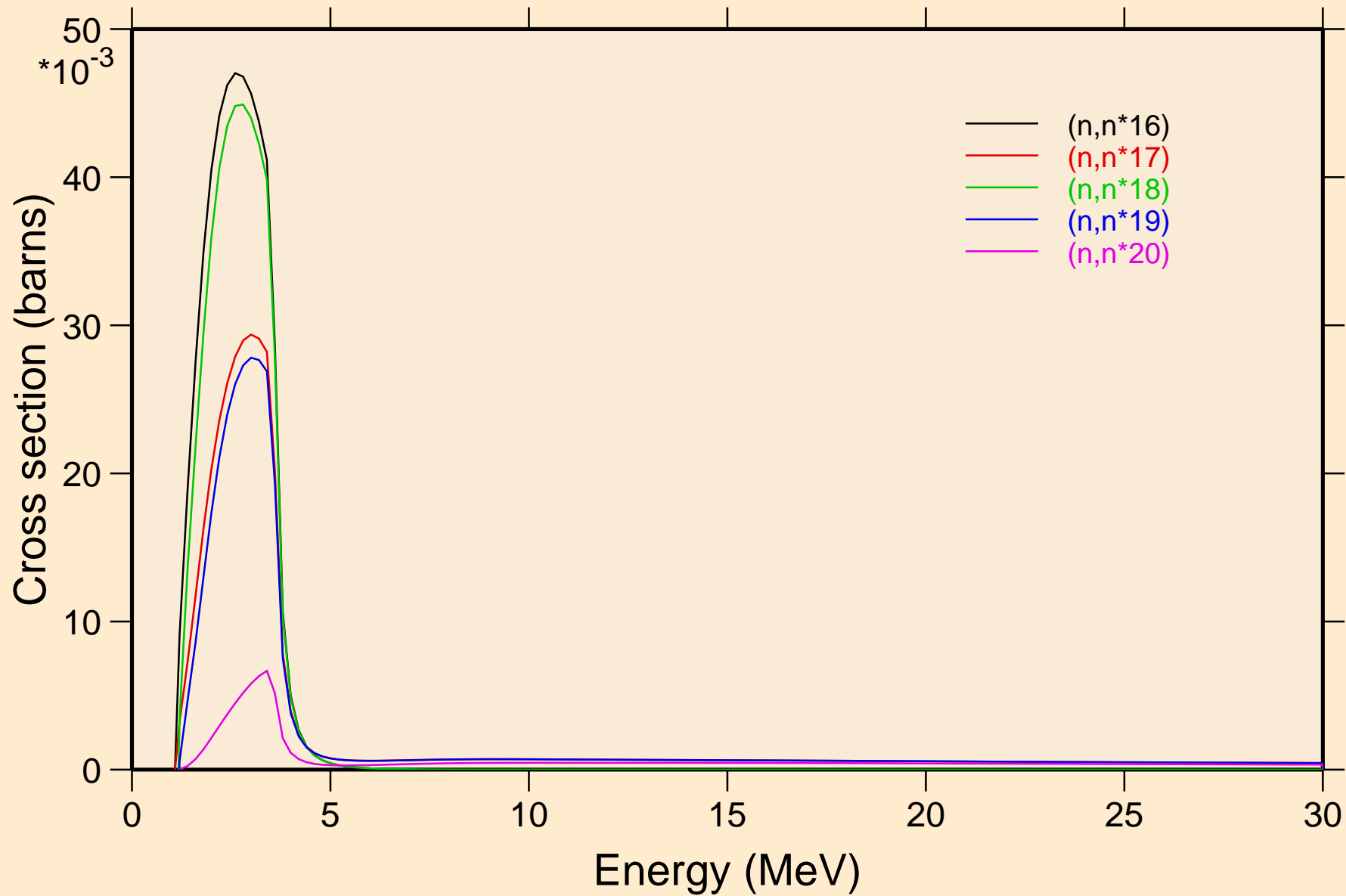
# PM142 NRG TENDL-2015, AKONING

## Inelastic levels



# PM142 NRG TENDL-2015, AKONING

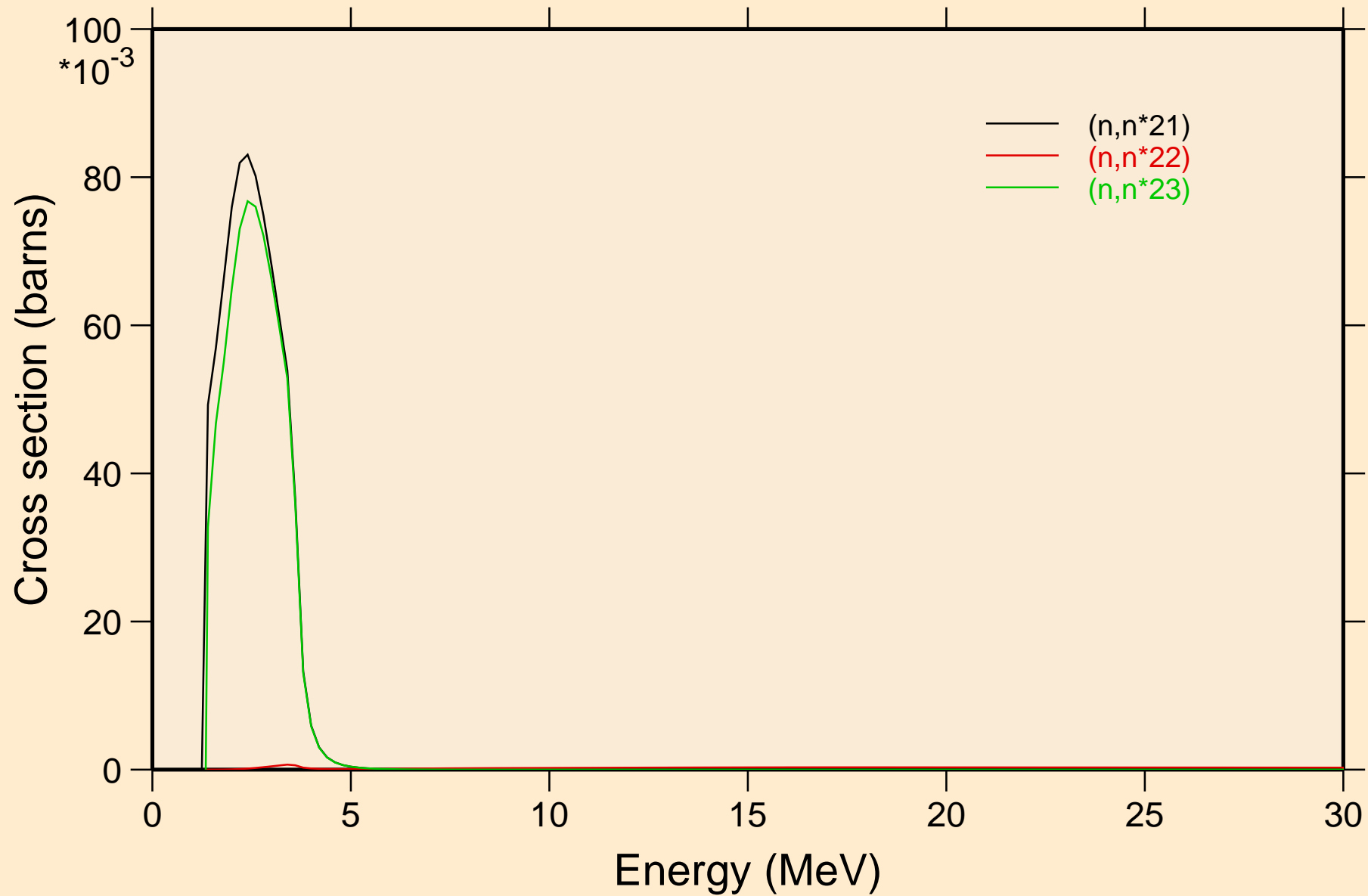
## Inelastic levels





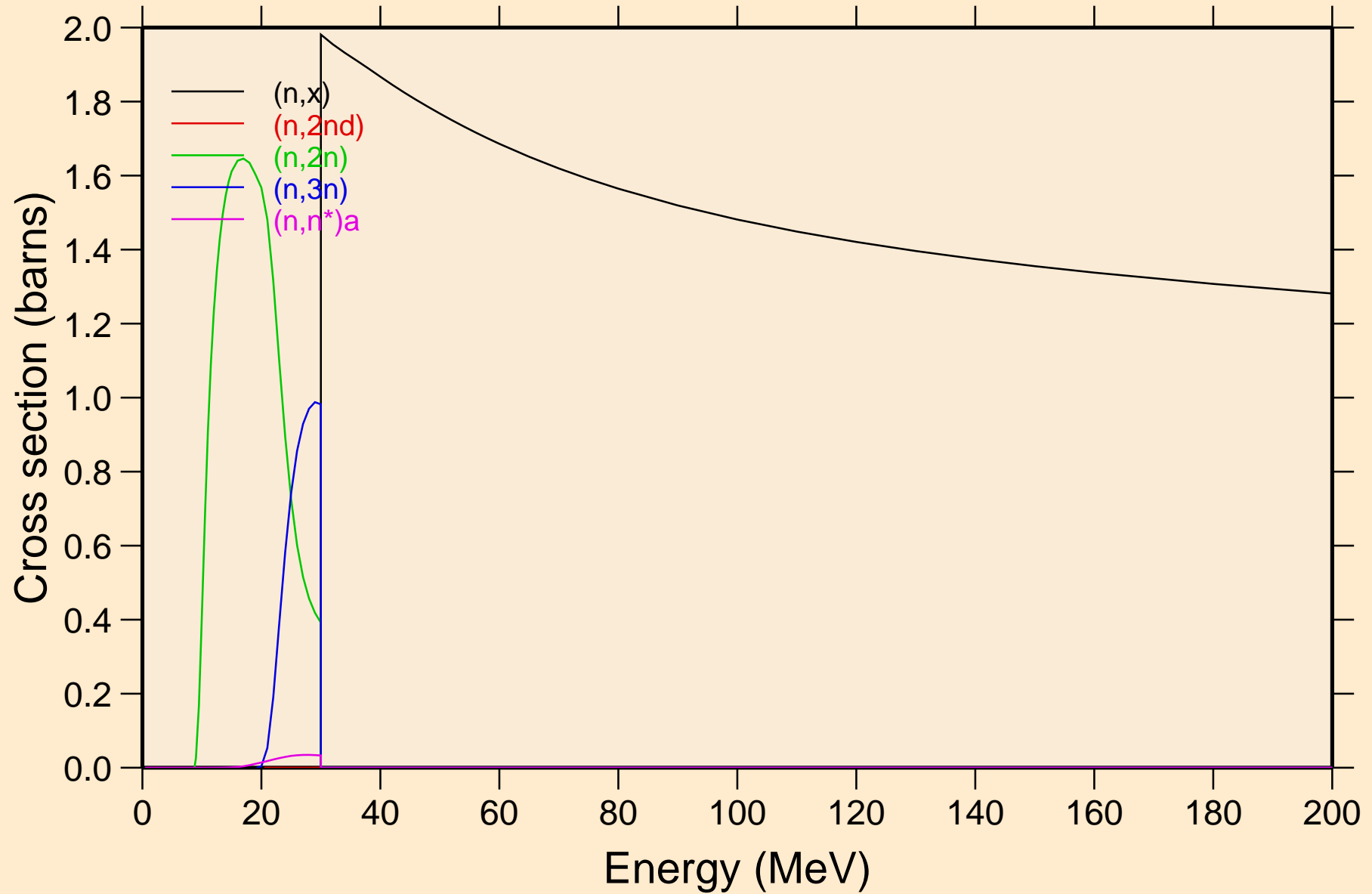
# PM142 NRG TENDL-2015, AKONING

## Inelastic levels



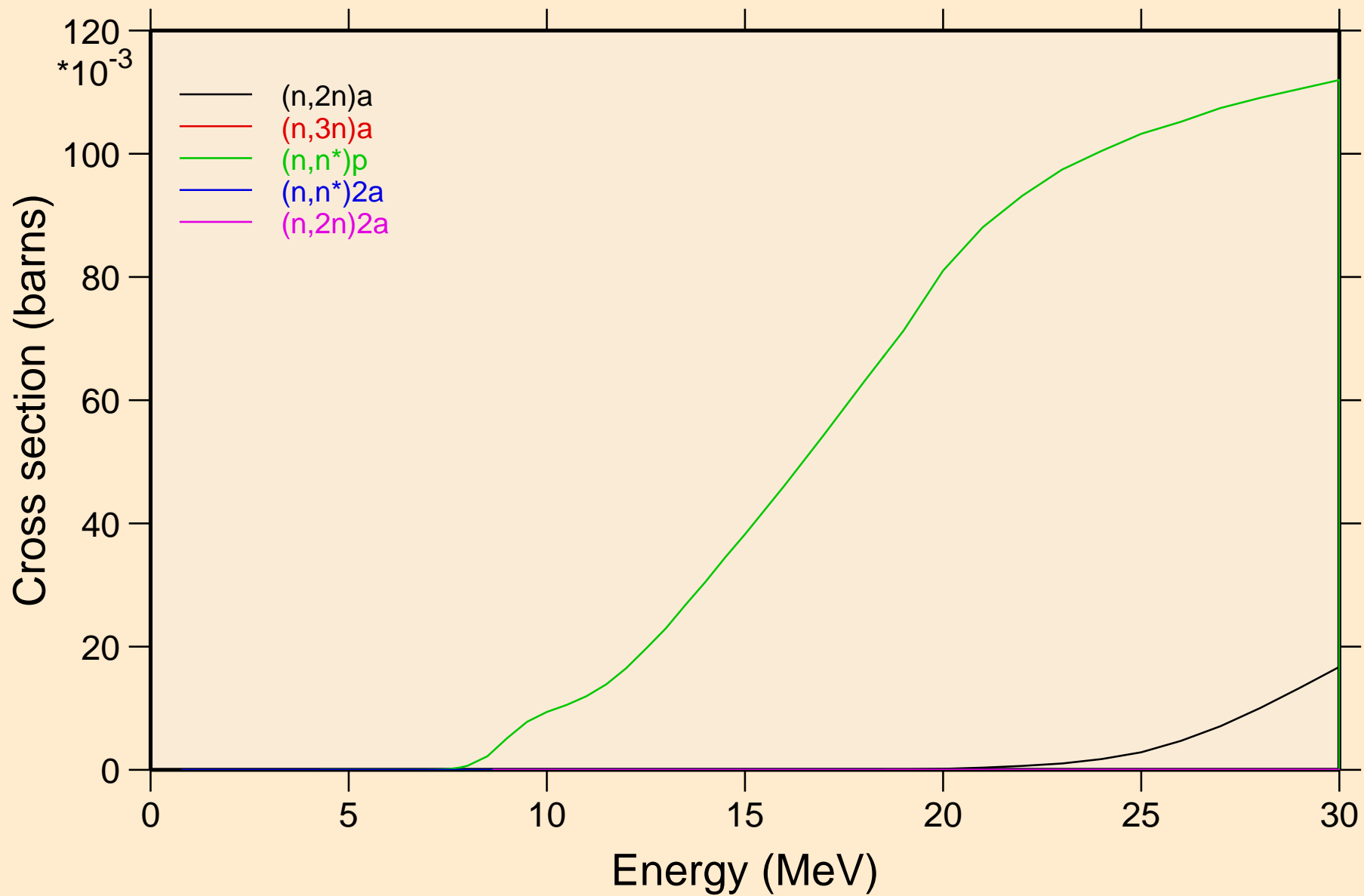
# PM142 NRG TENDL-2015, AKONING

## Threshold reactions



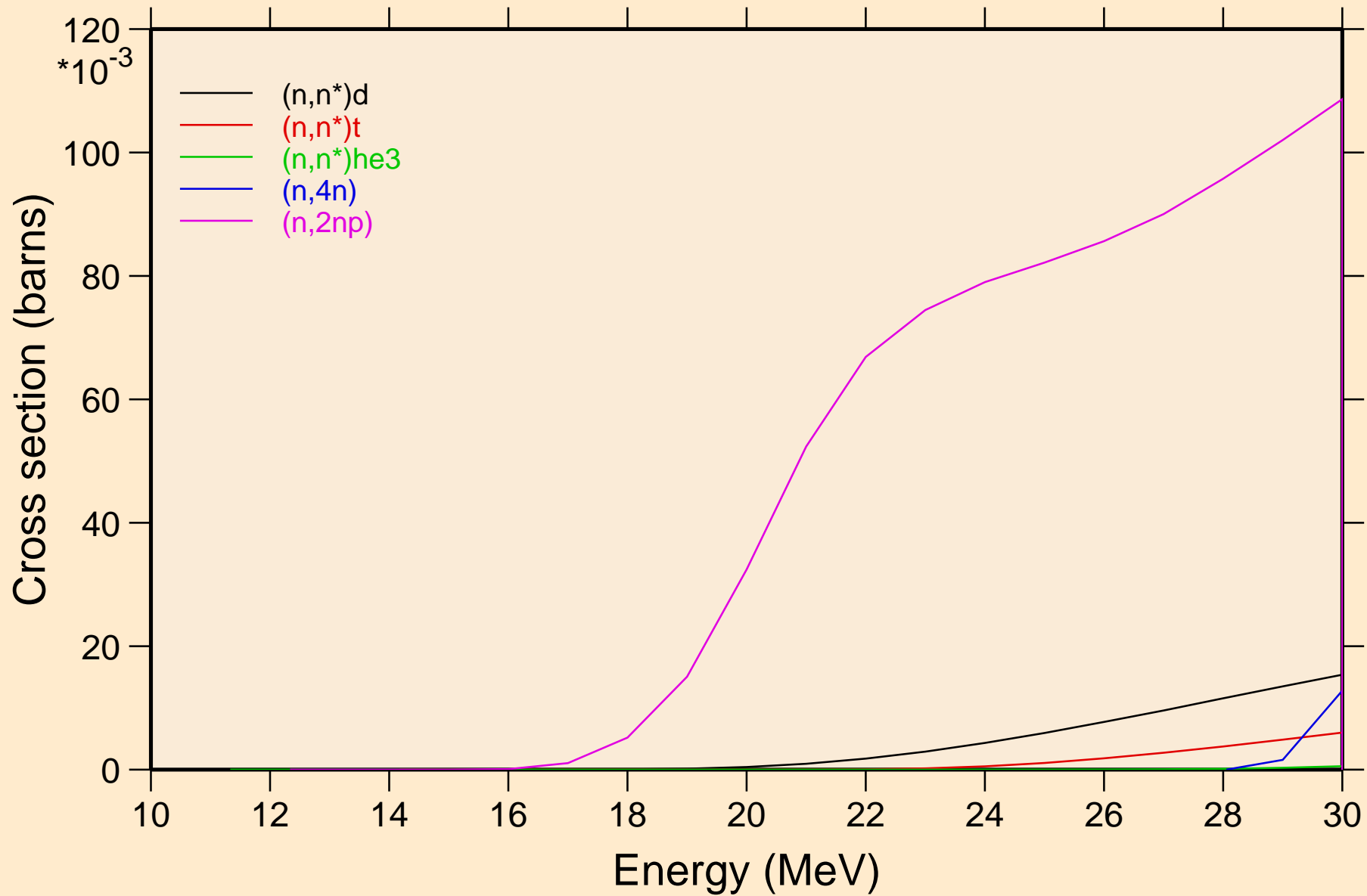
# PM142 NRG TENDL-2015, AKONING

## Threshold reactions



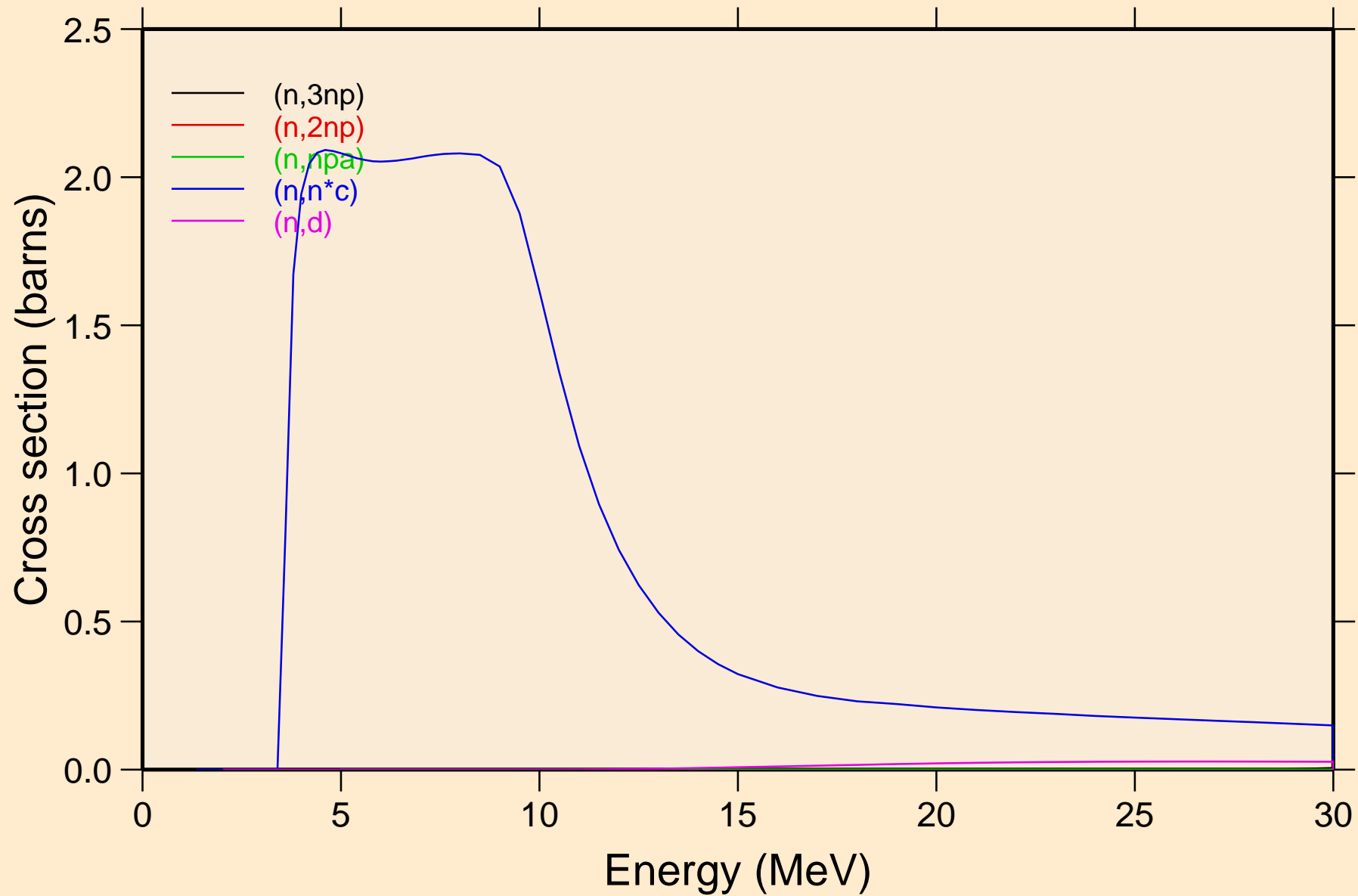
# PM142 NRG TENDL-2015, AKONING

## Threshold reactions

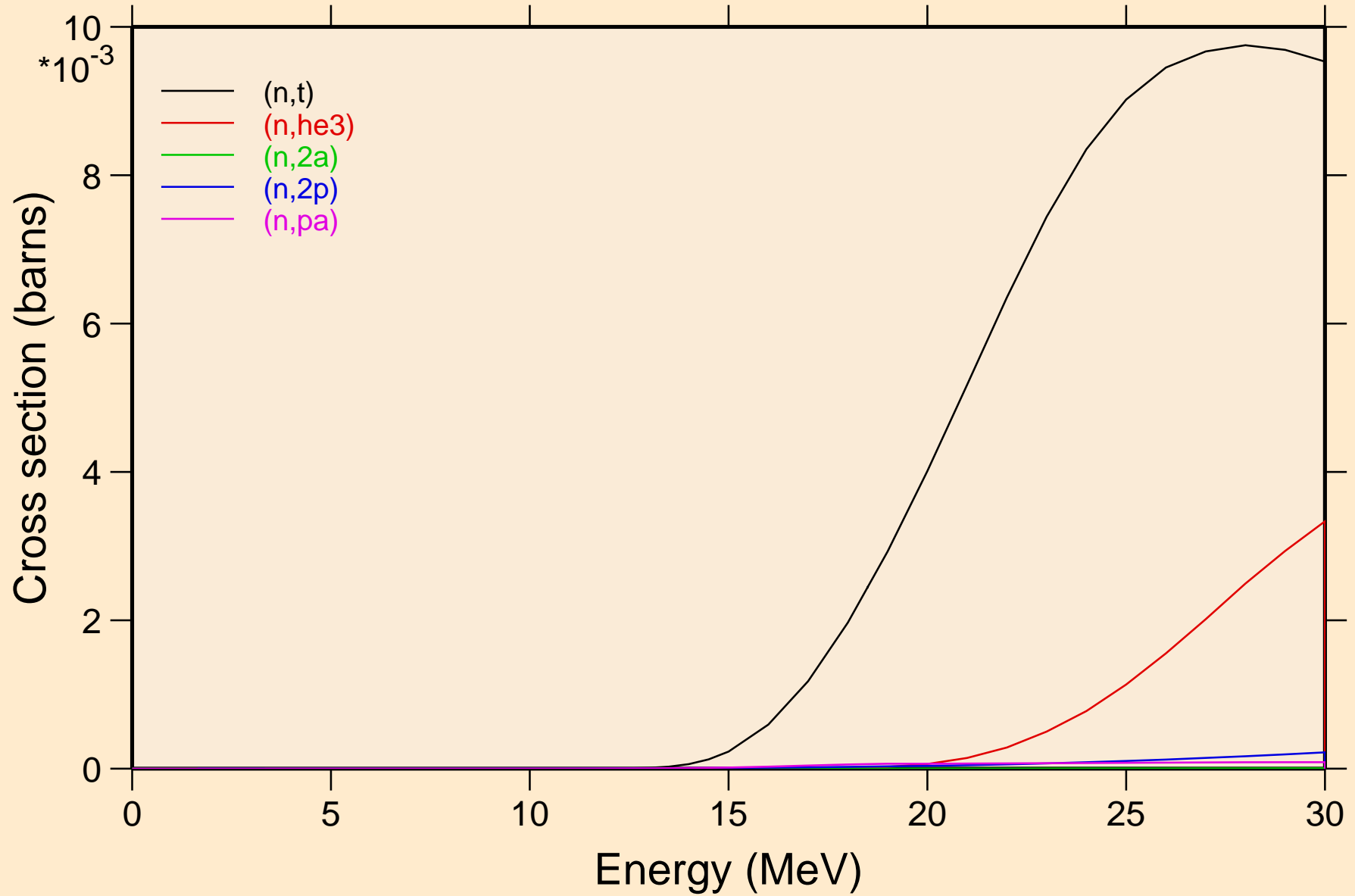


# PM142 NRG TENDL-2015, AKONING

## Threshold reactions

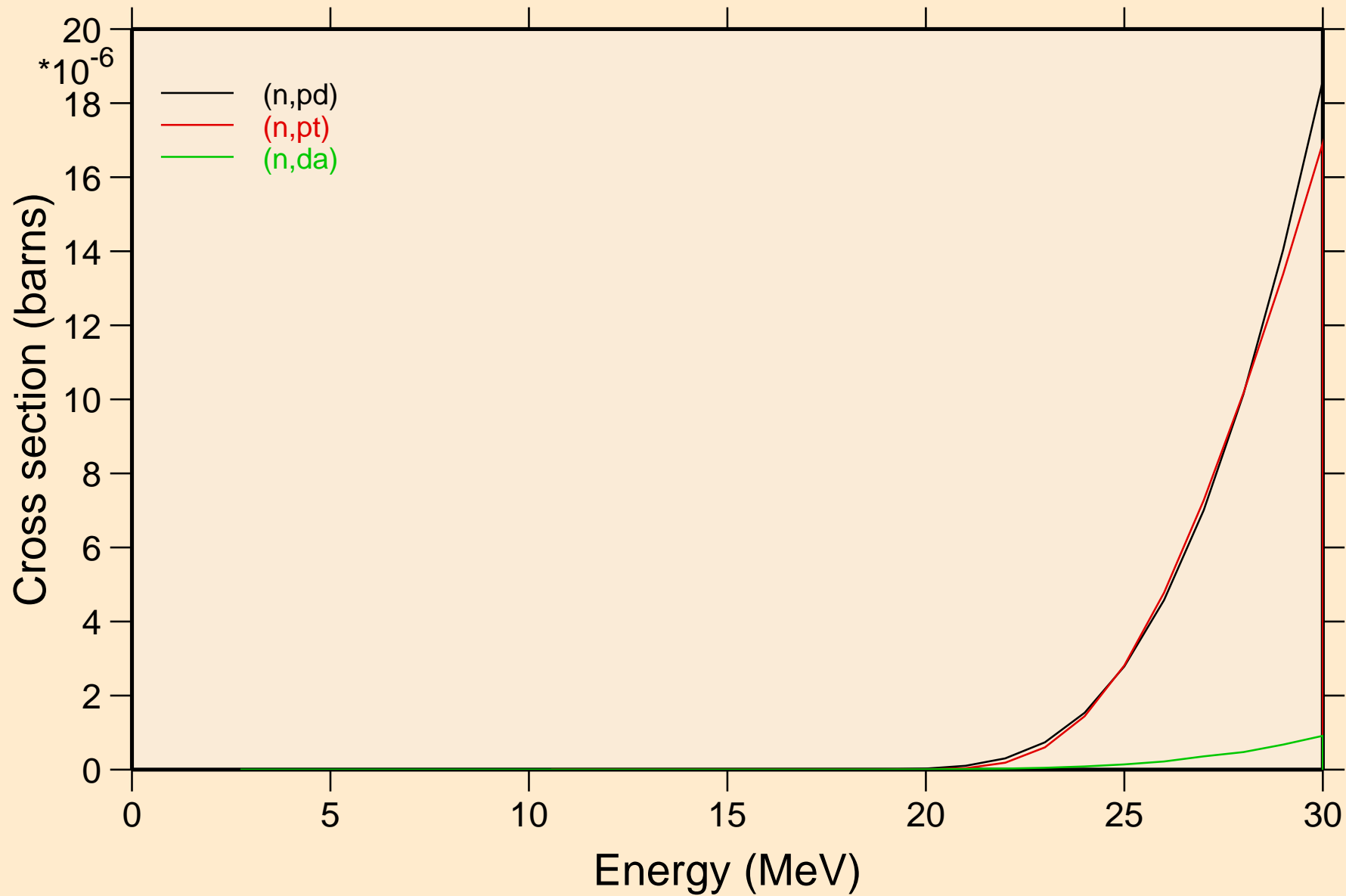


PM142 NRG TENDL-2015, AKONING  
Threshold reactions

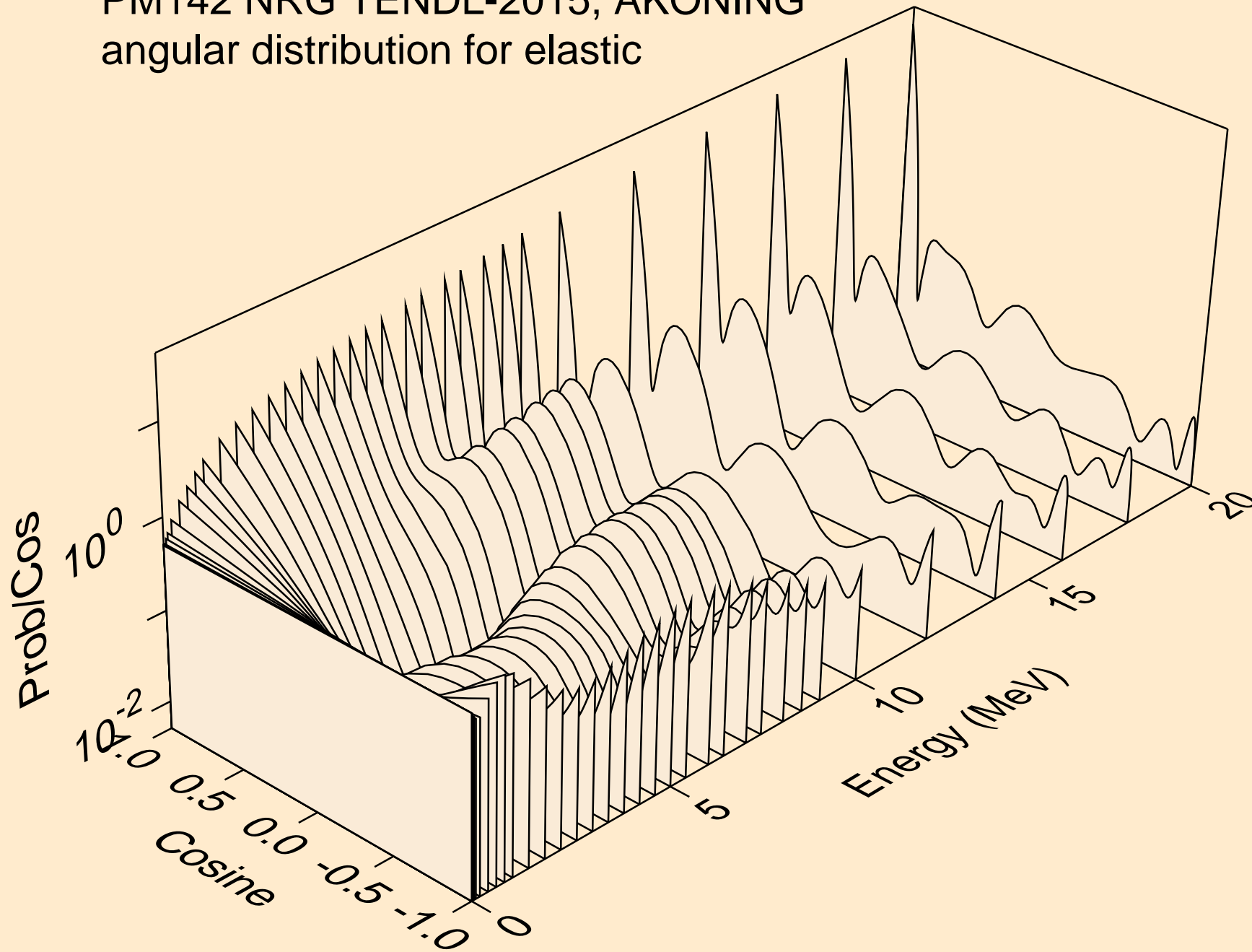


# PM142 NRG TENDL-2015, AKONING

## Threshold reactions

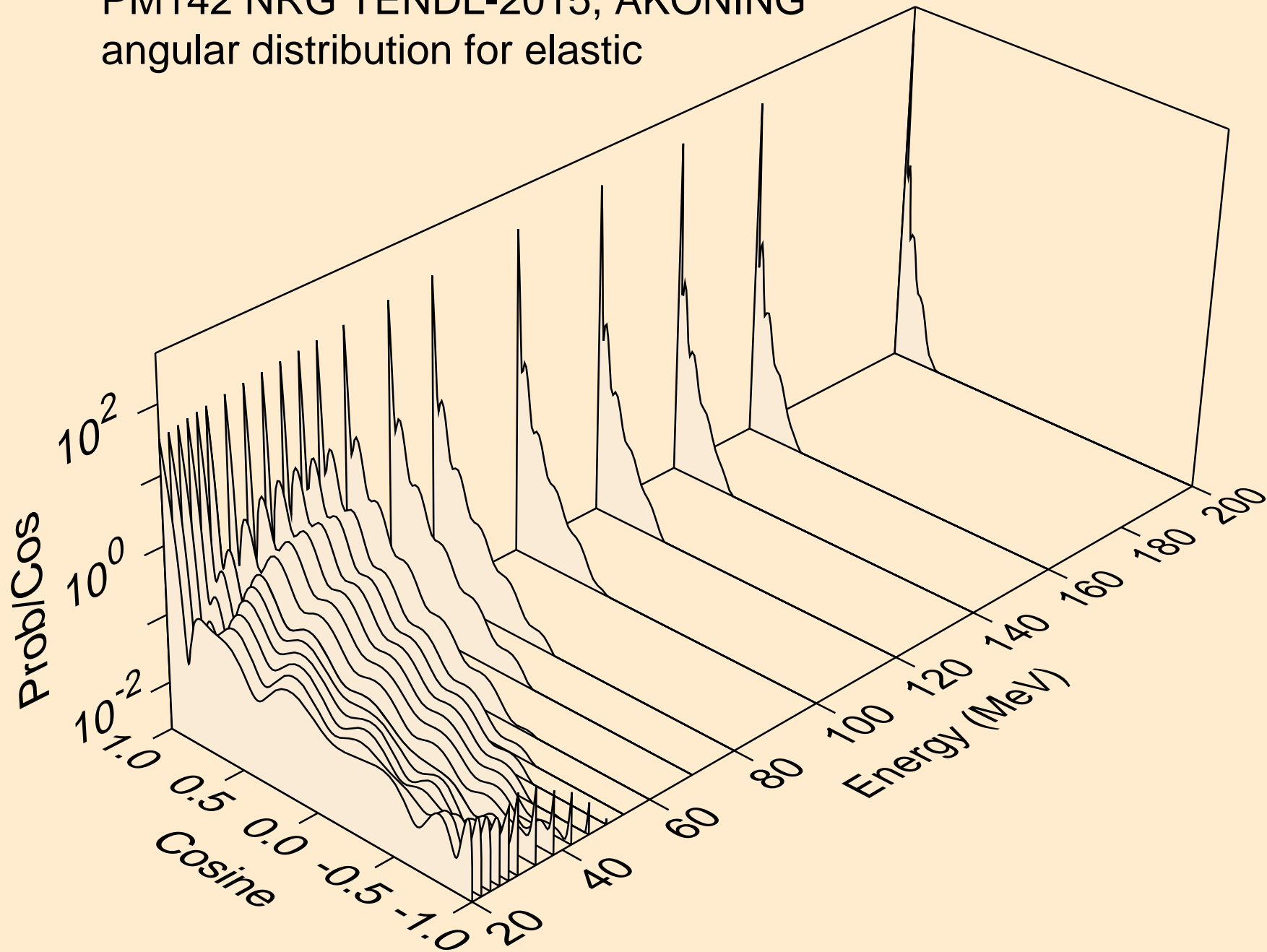


PM142 NRG TENDL-2015, AKONING  
angular distribution for elastic

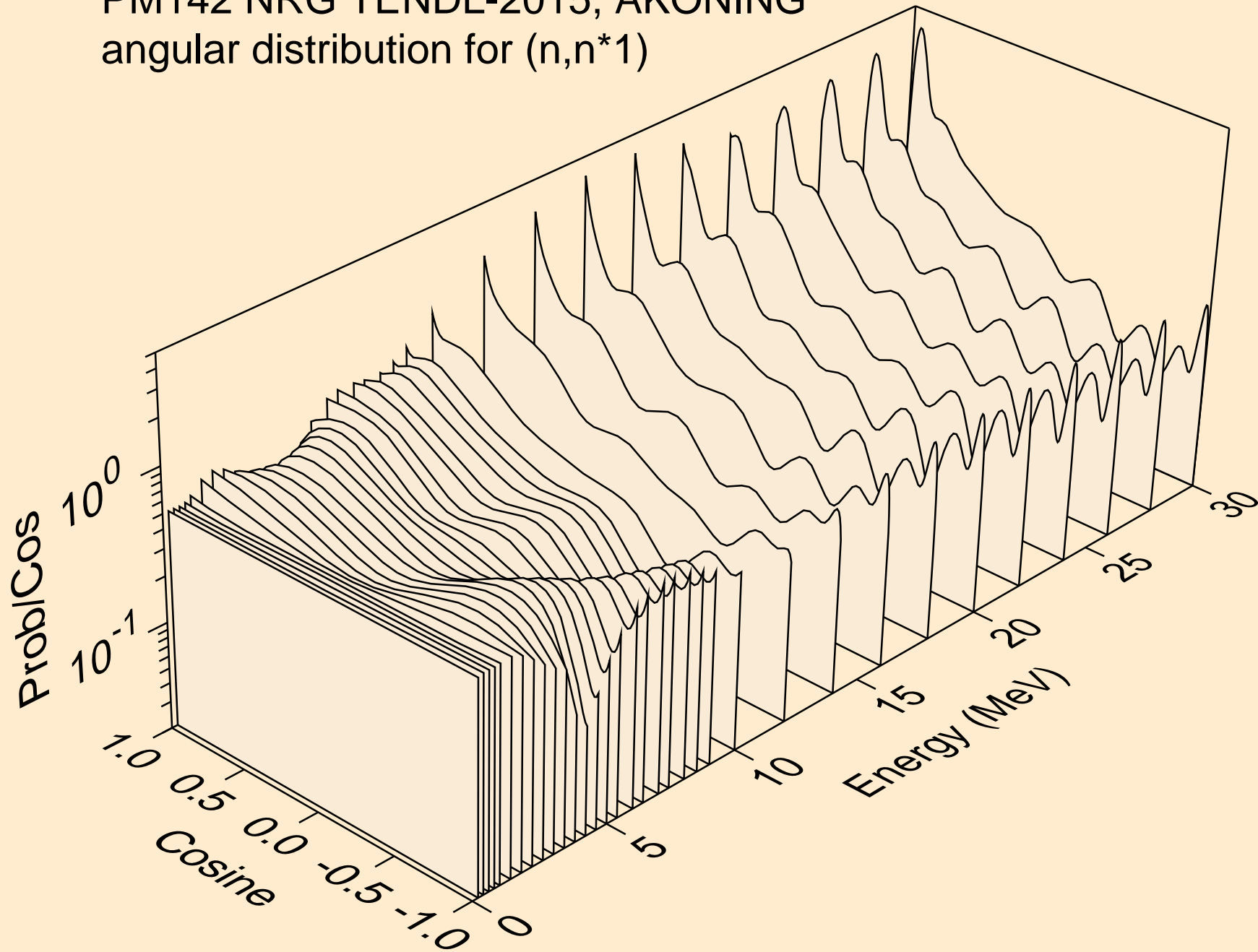




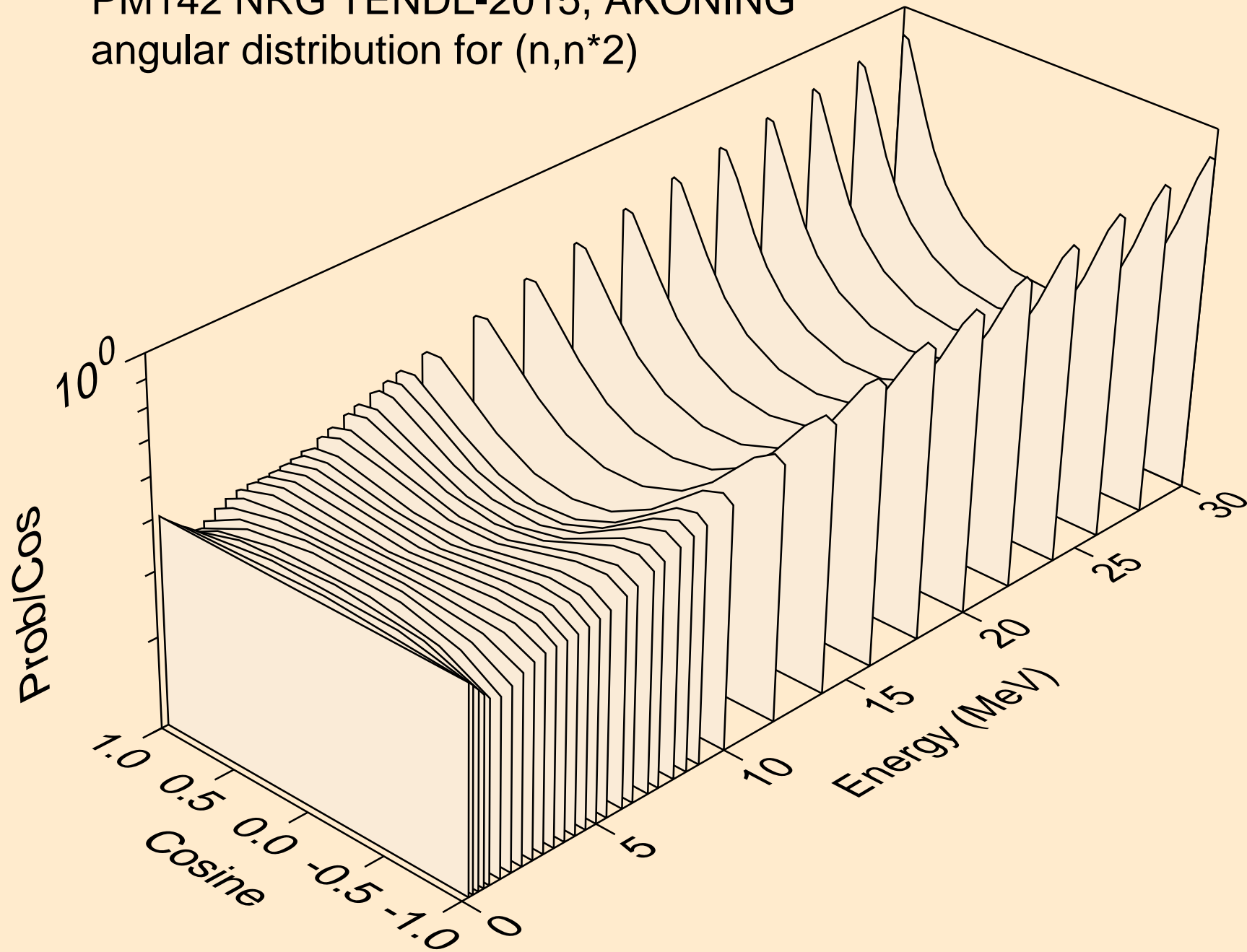
PM142 NRG TENDL-2015, AKONING  
angular distribution for elastic



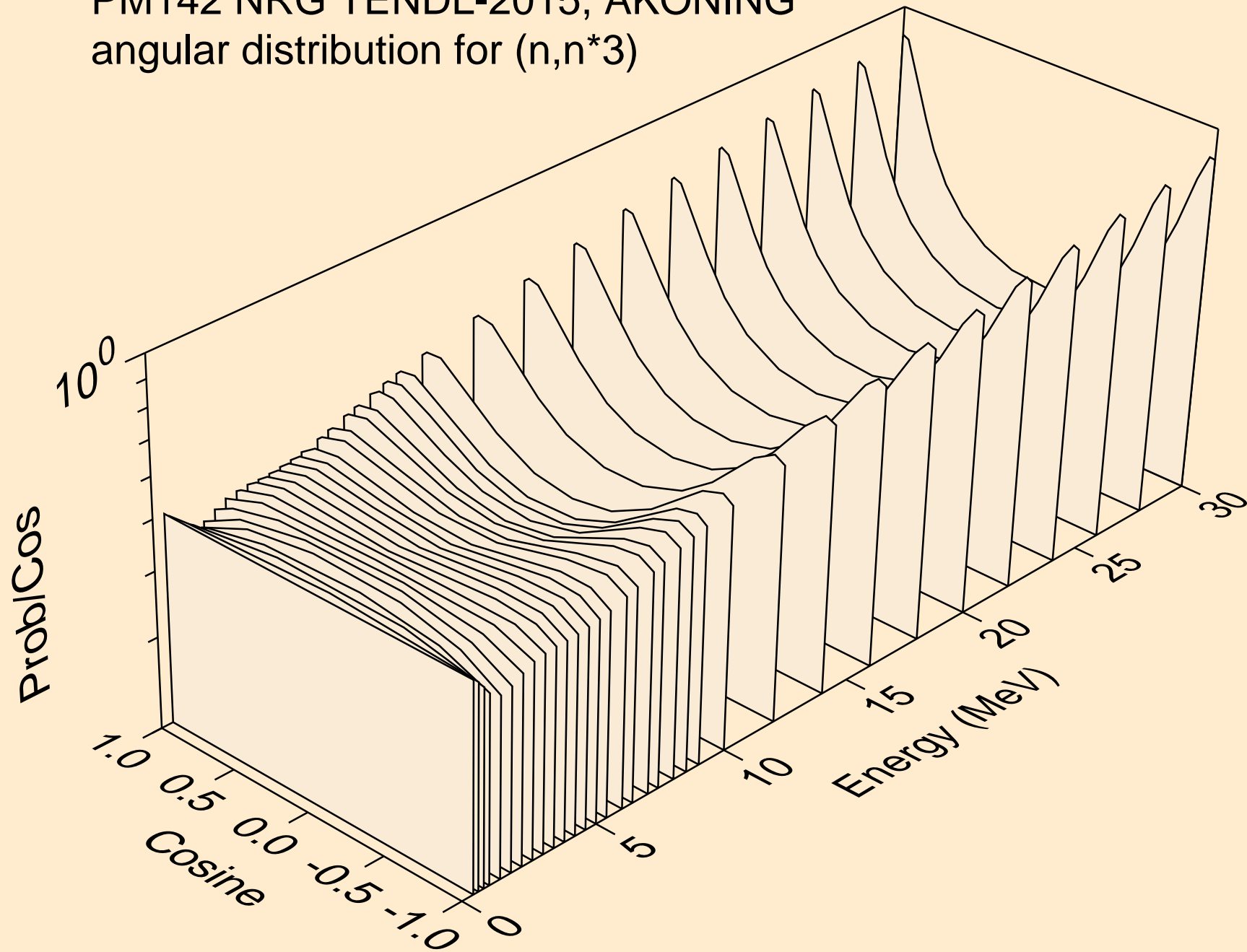
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



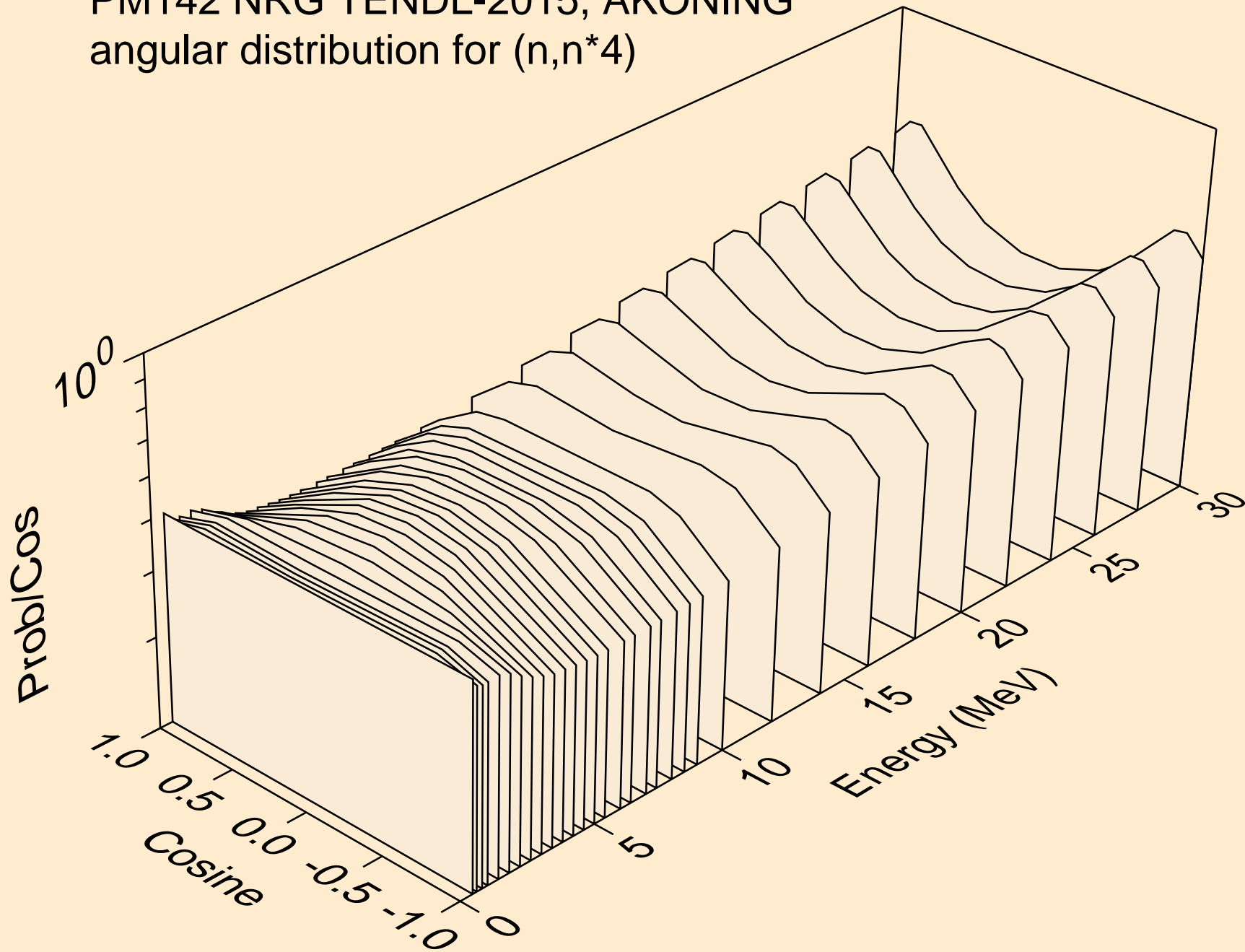
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



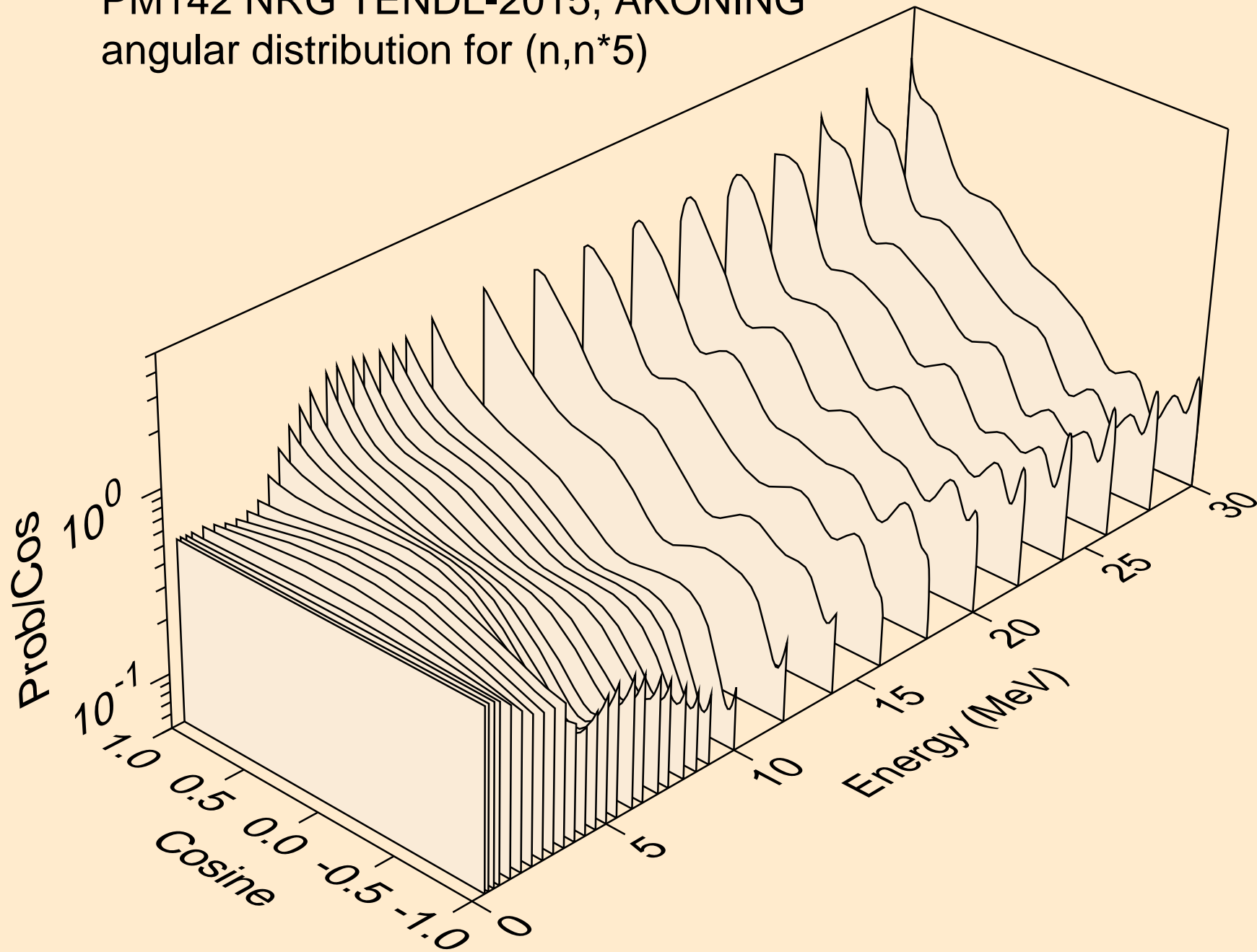
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



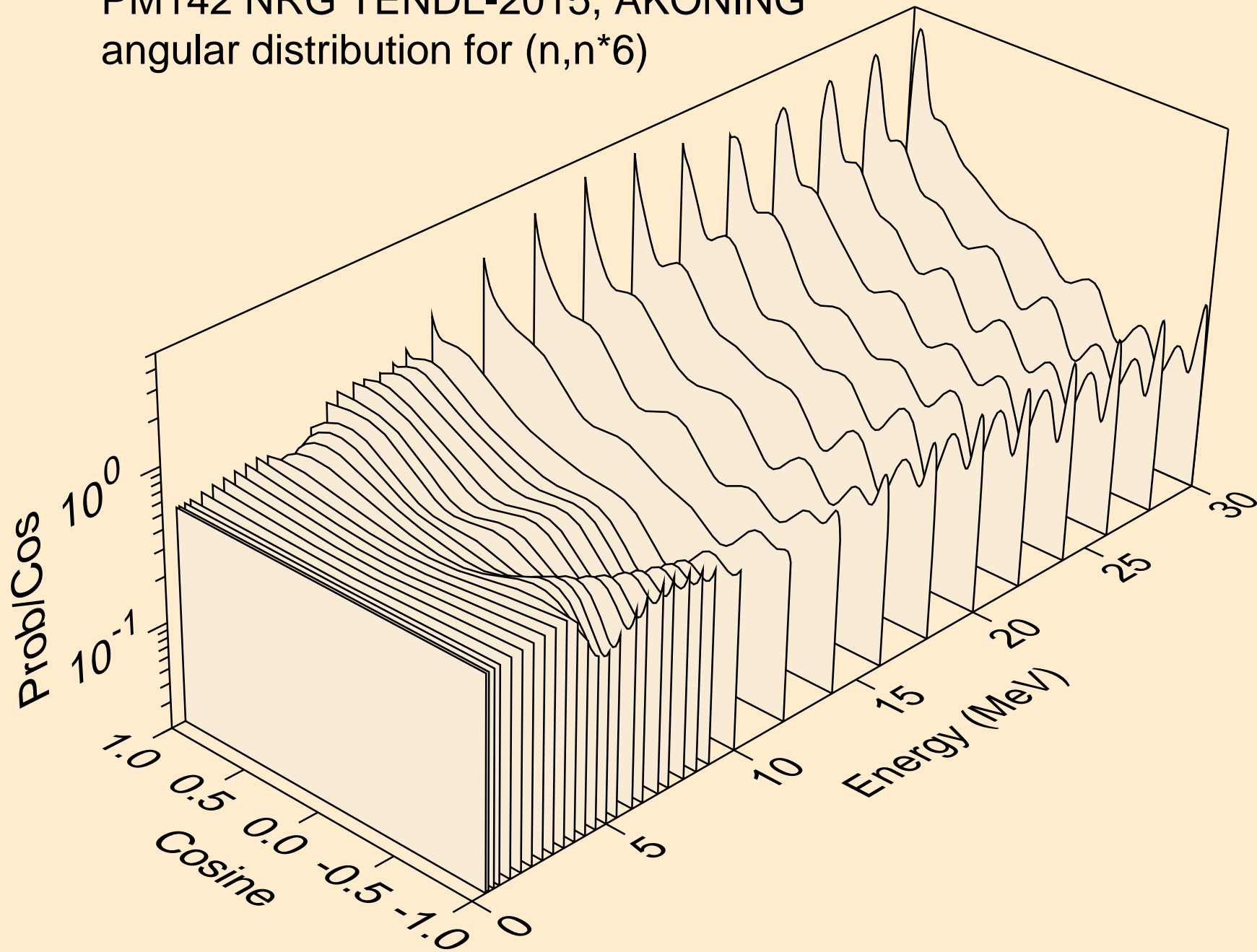
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



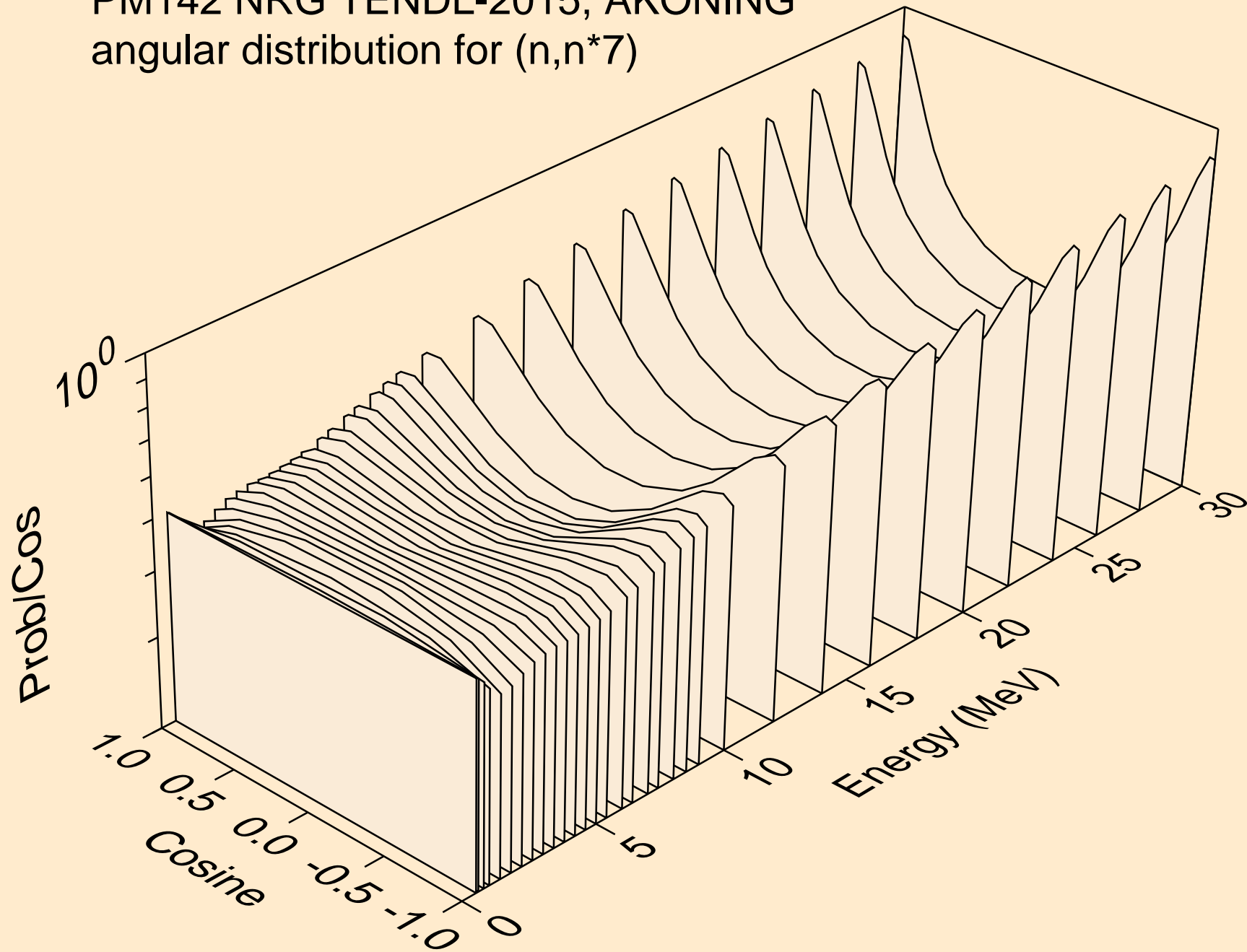
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

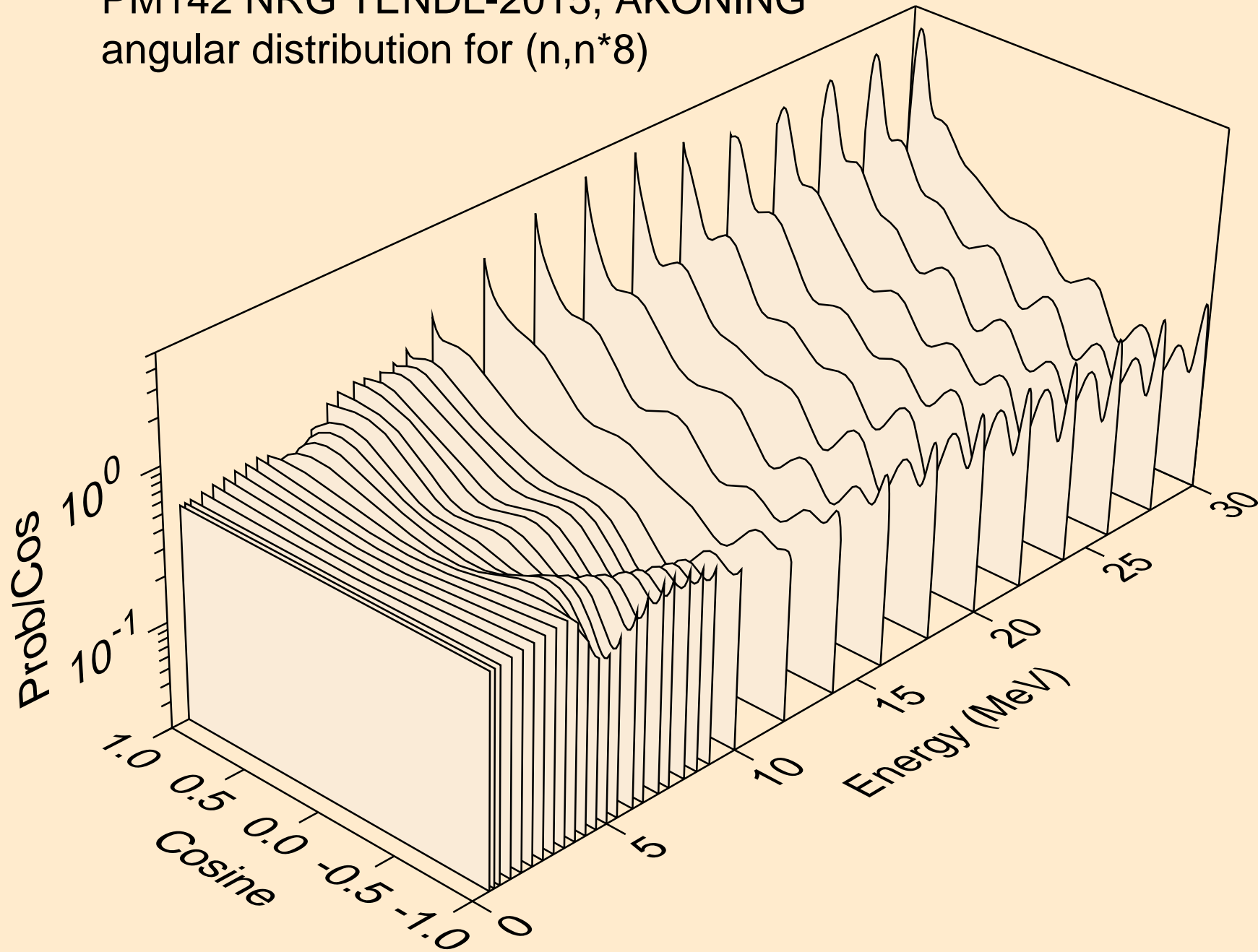


PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

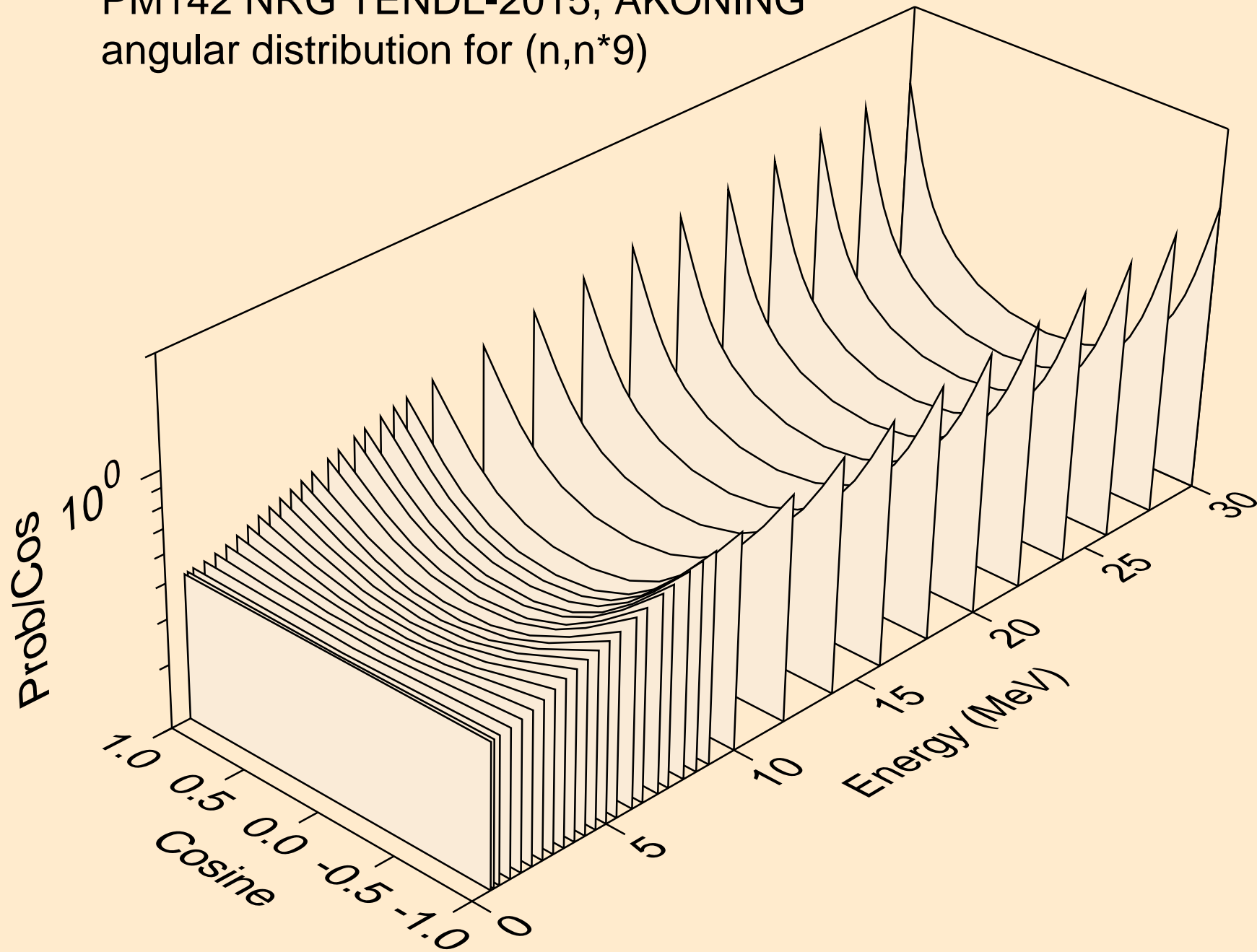




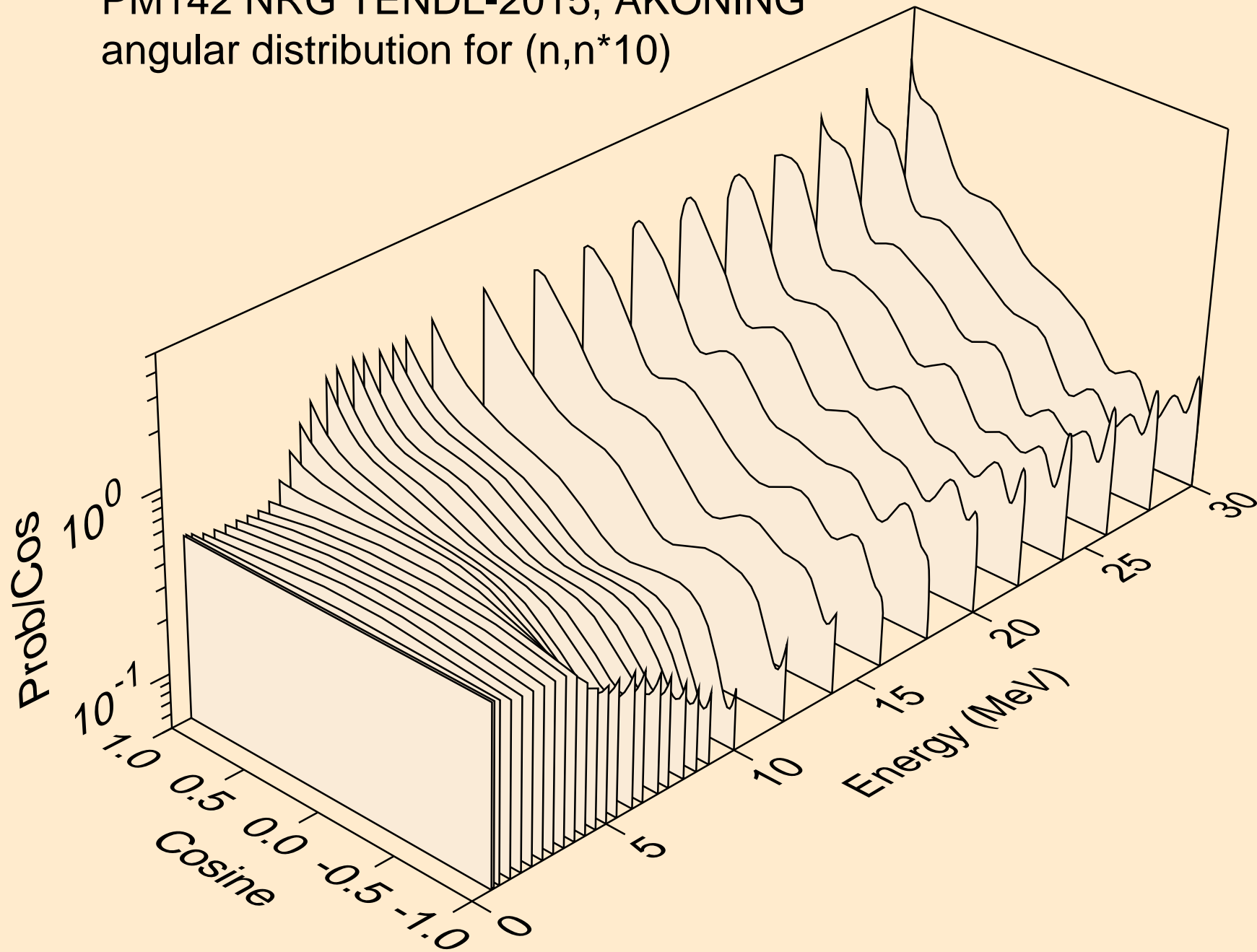
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



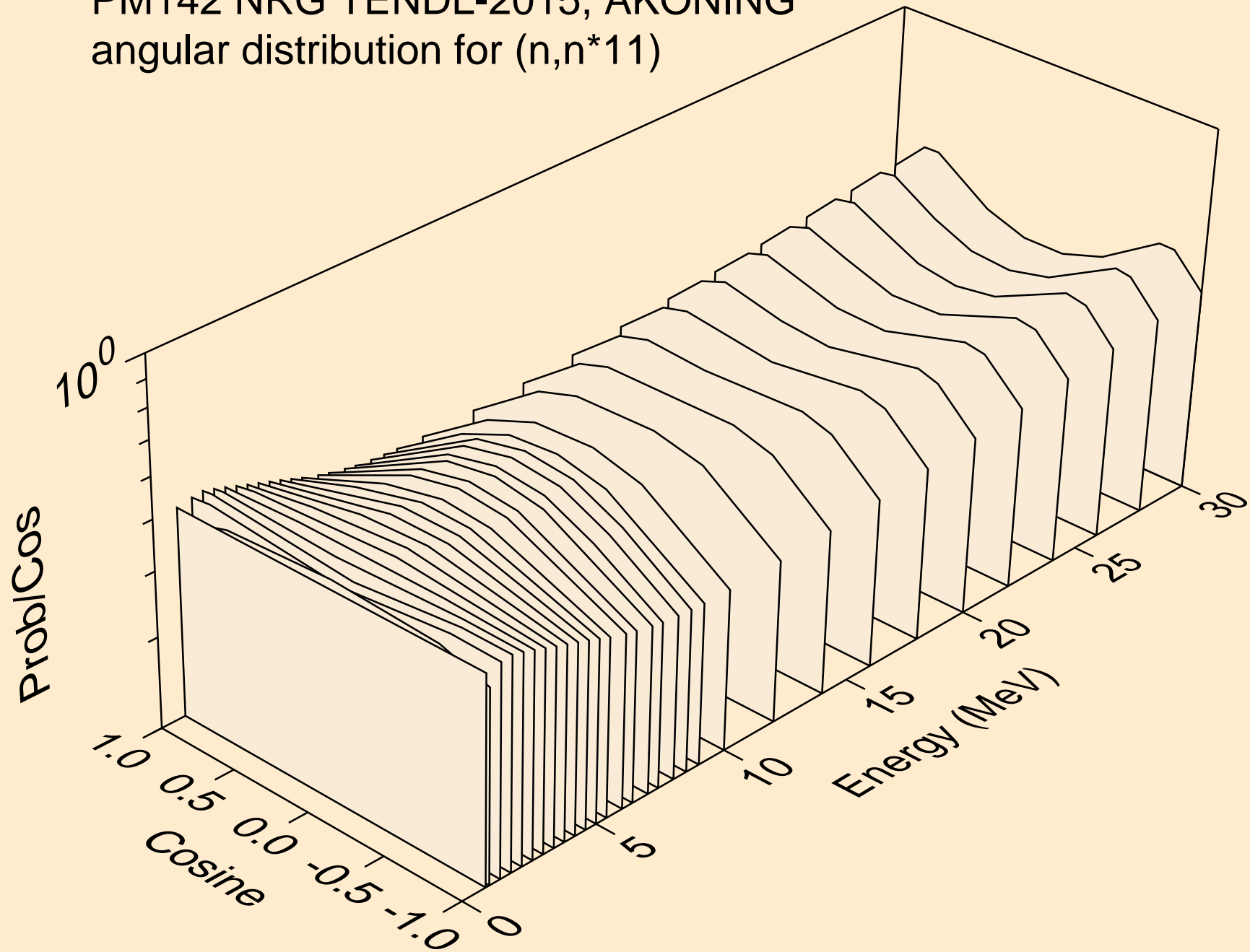
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



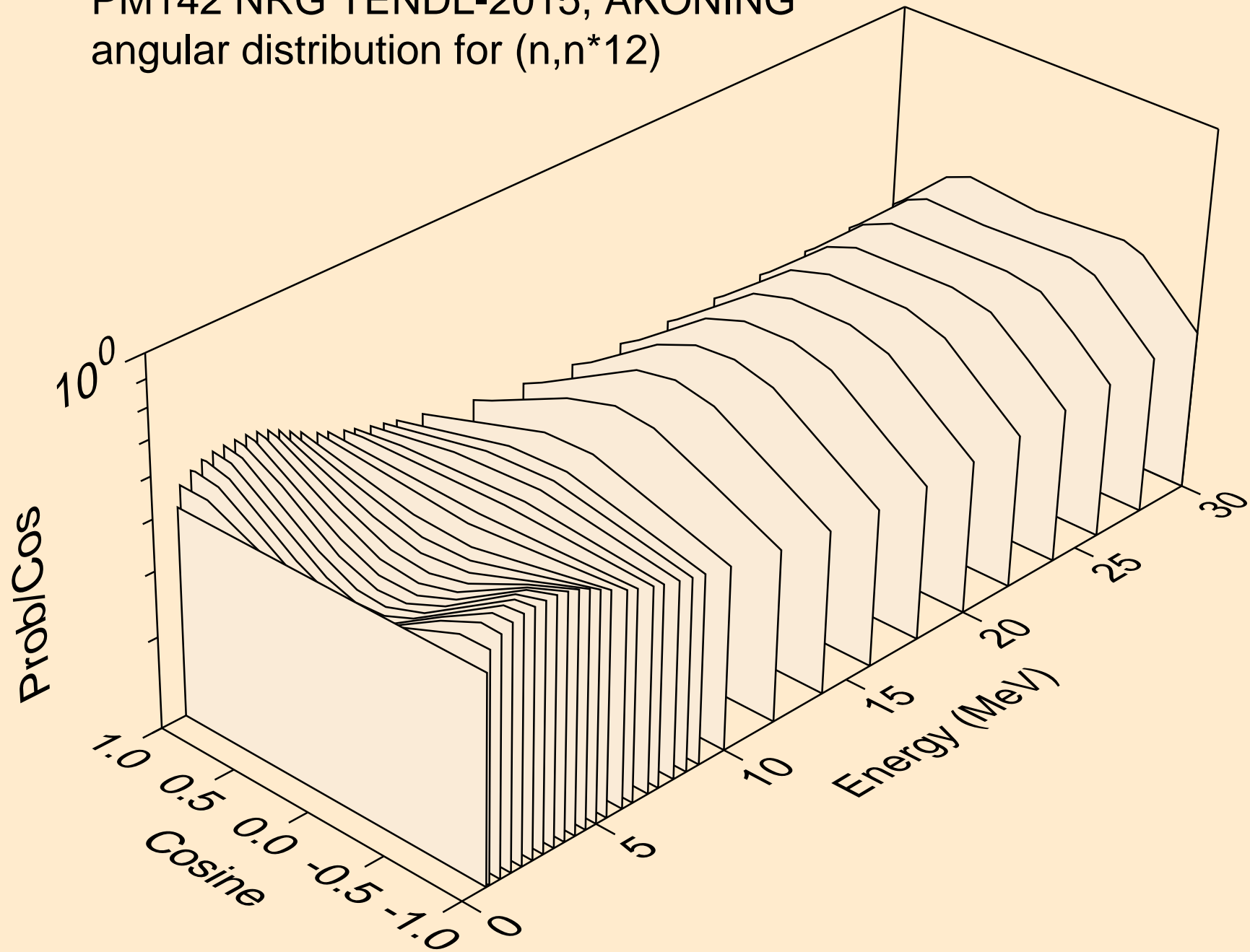
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



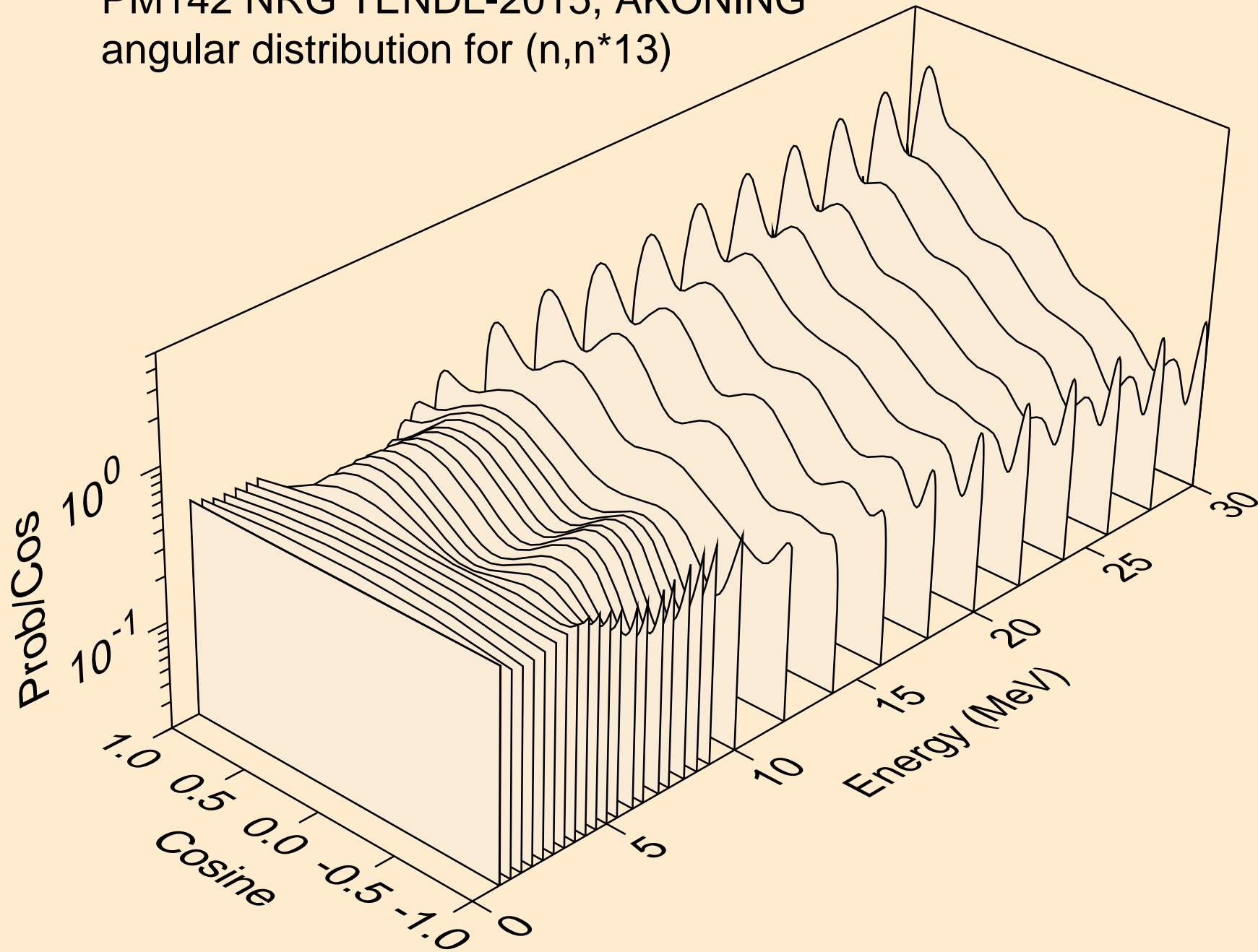
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



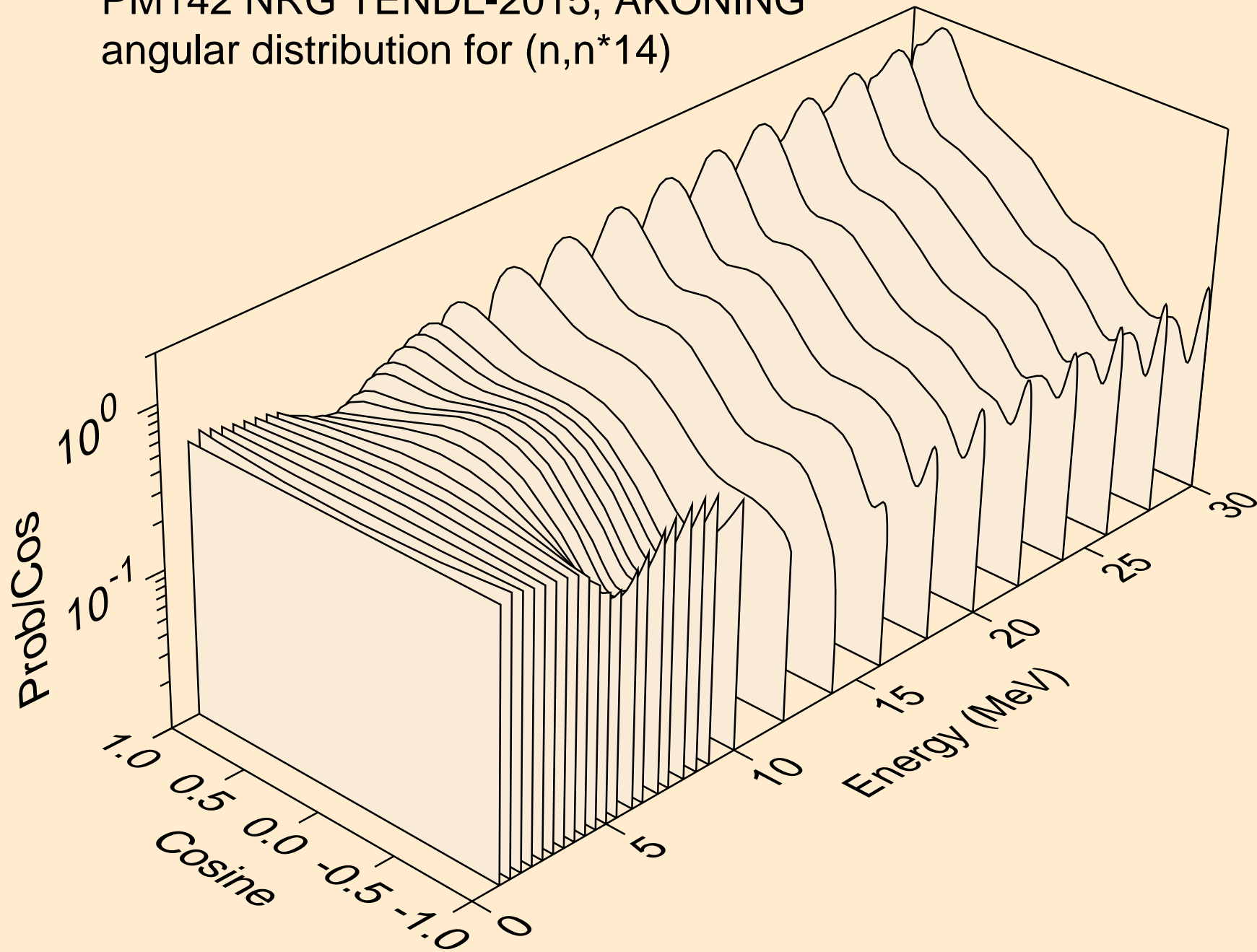
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



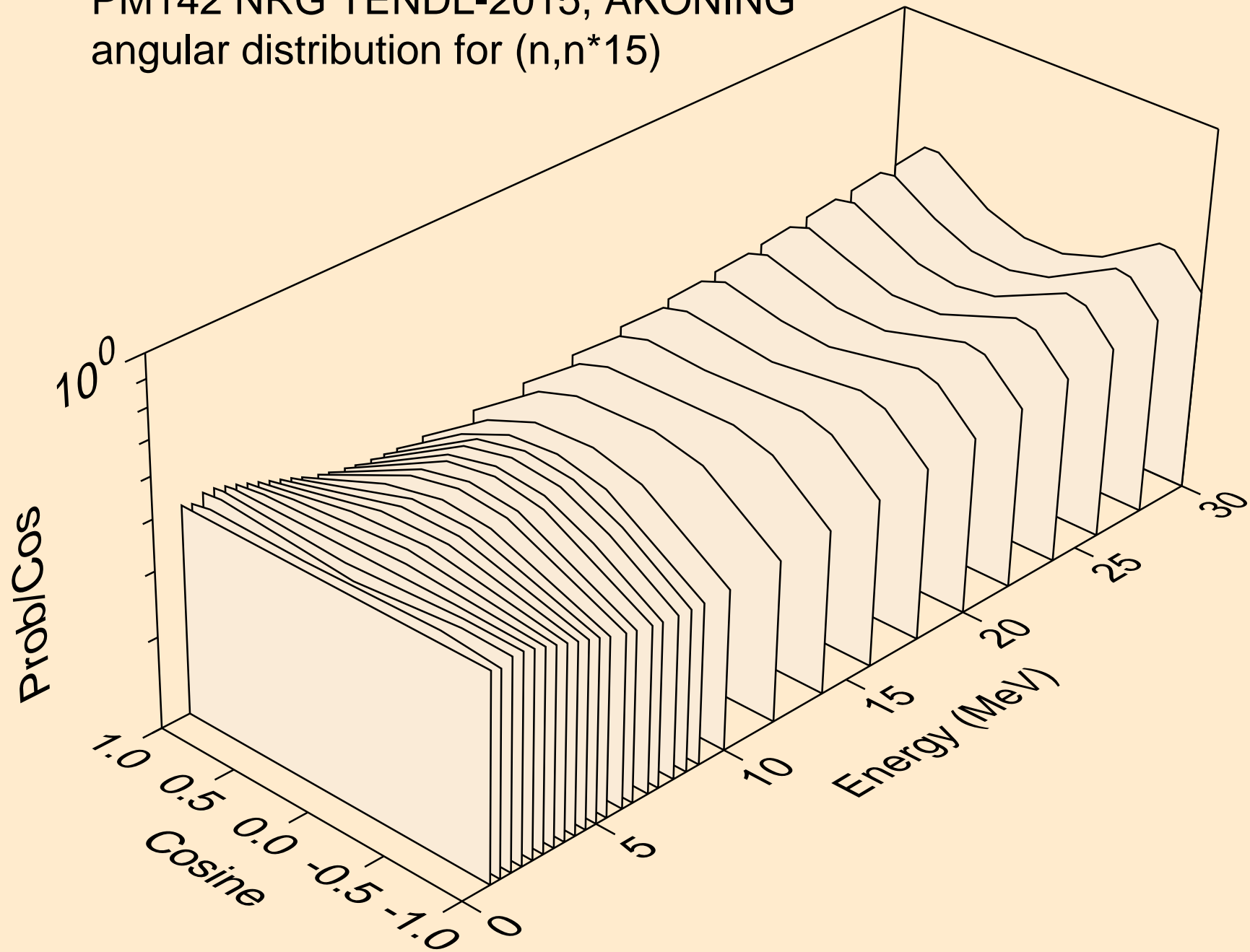
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

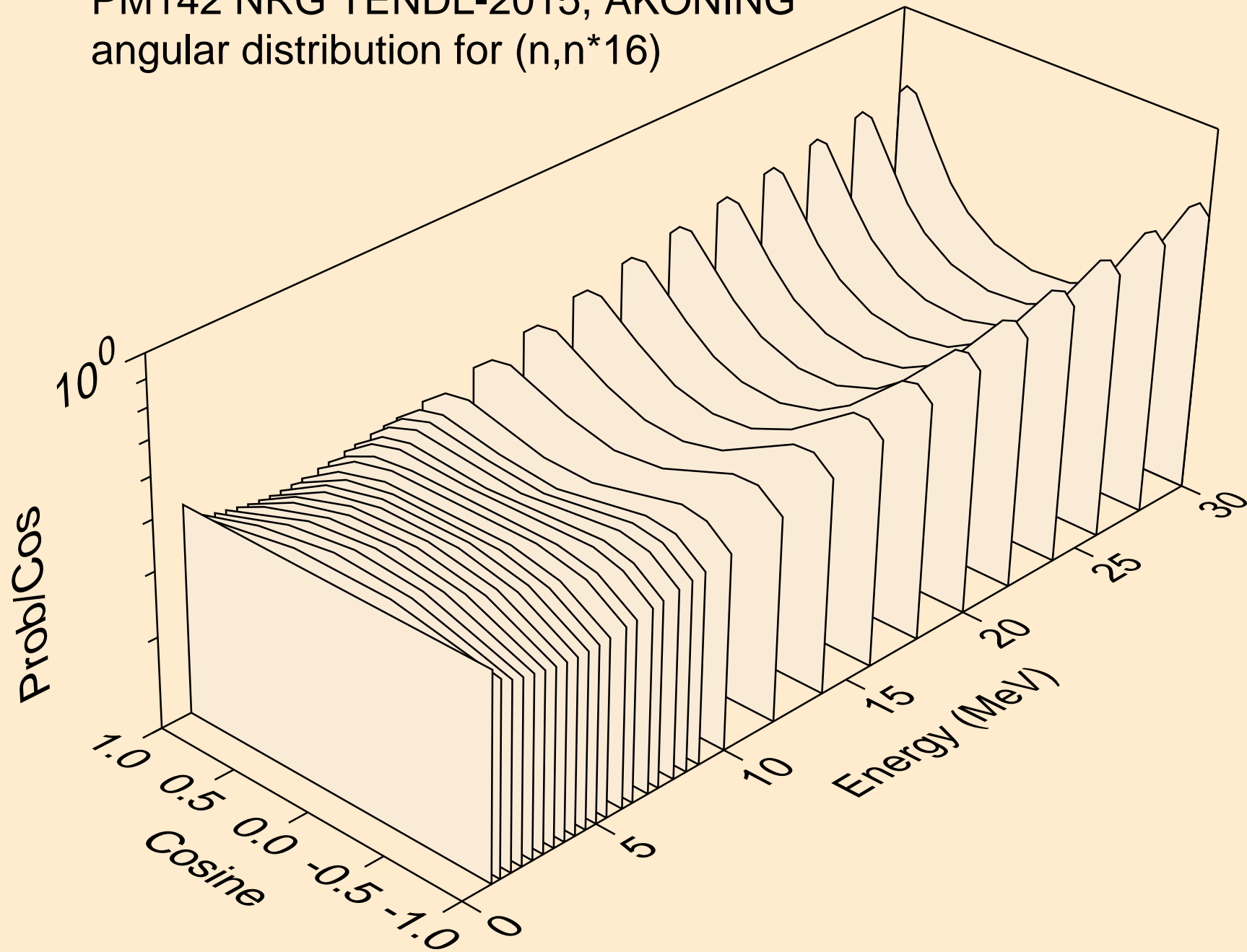


PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

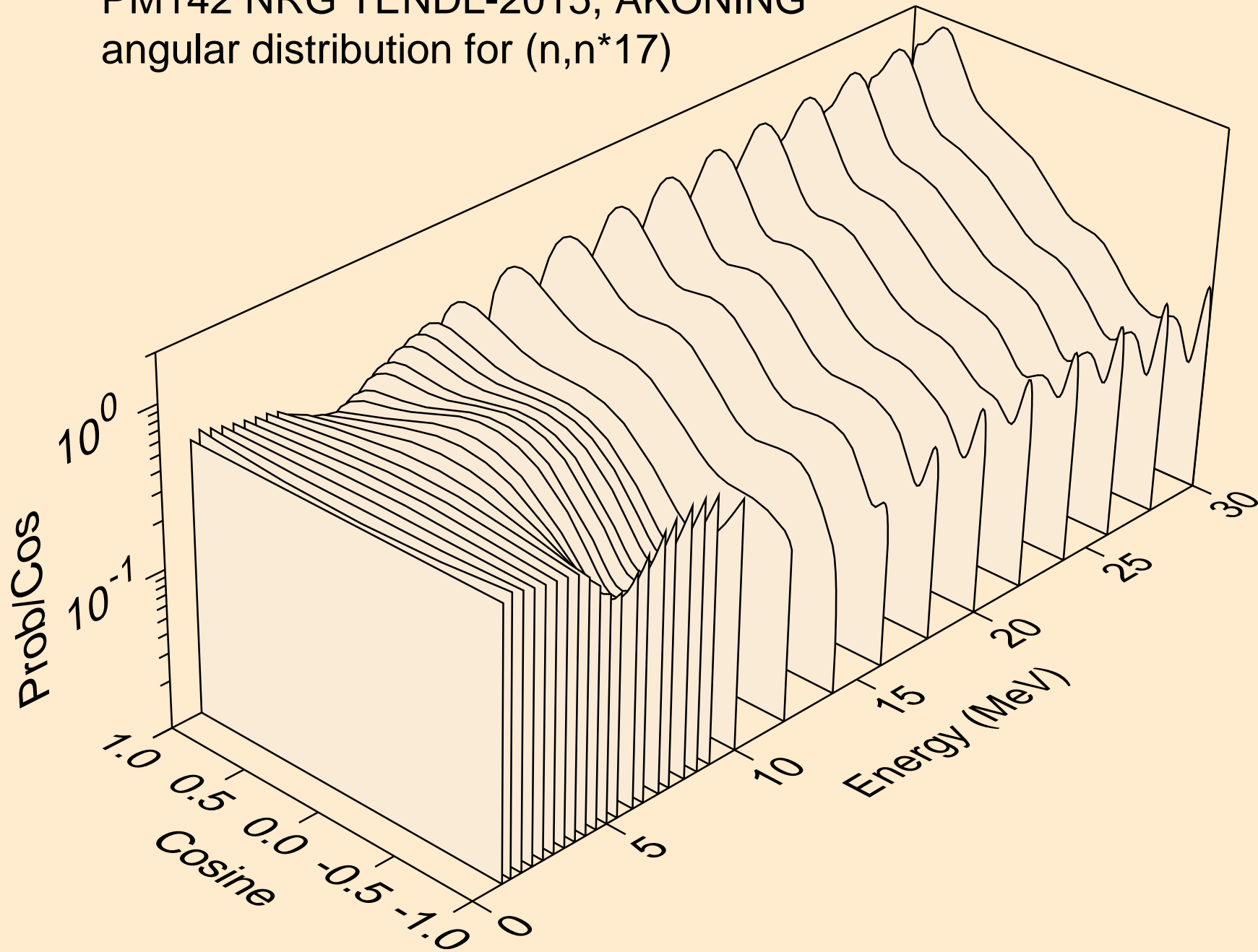




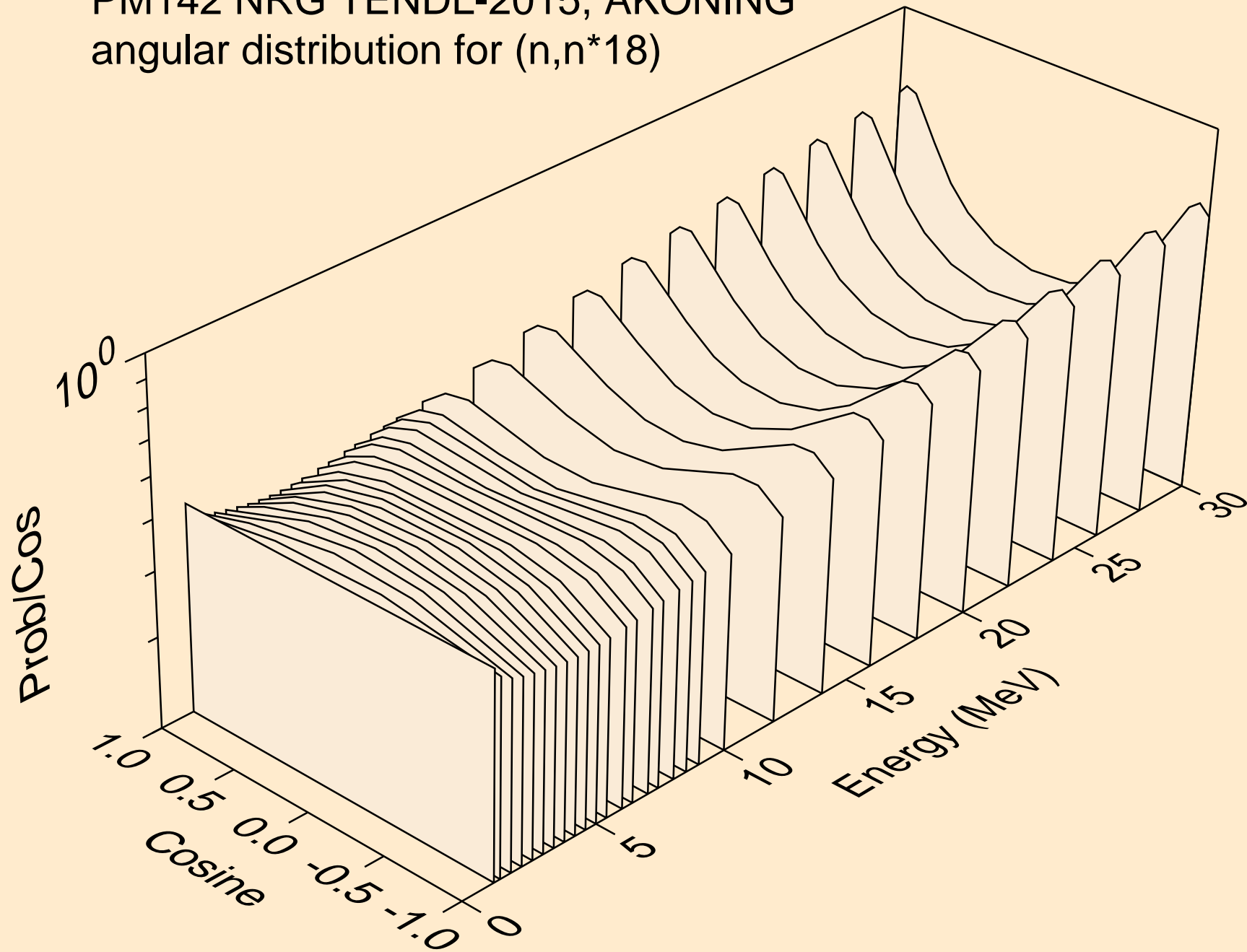
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



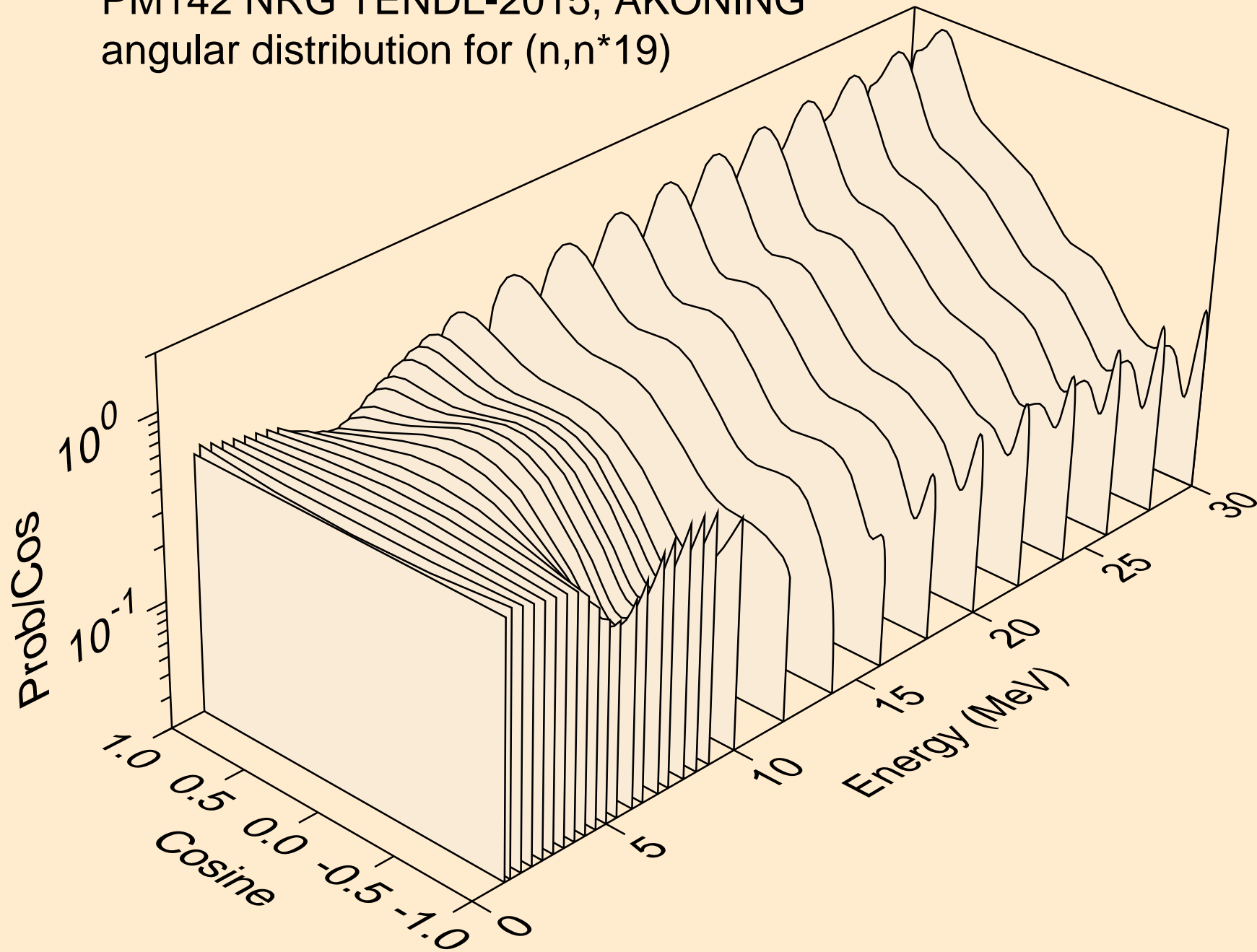
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



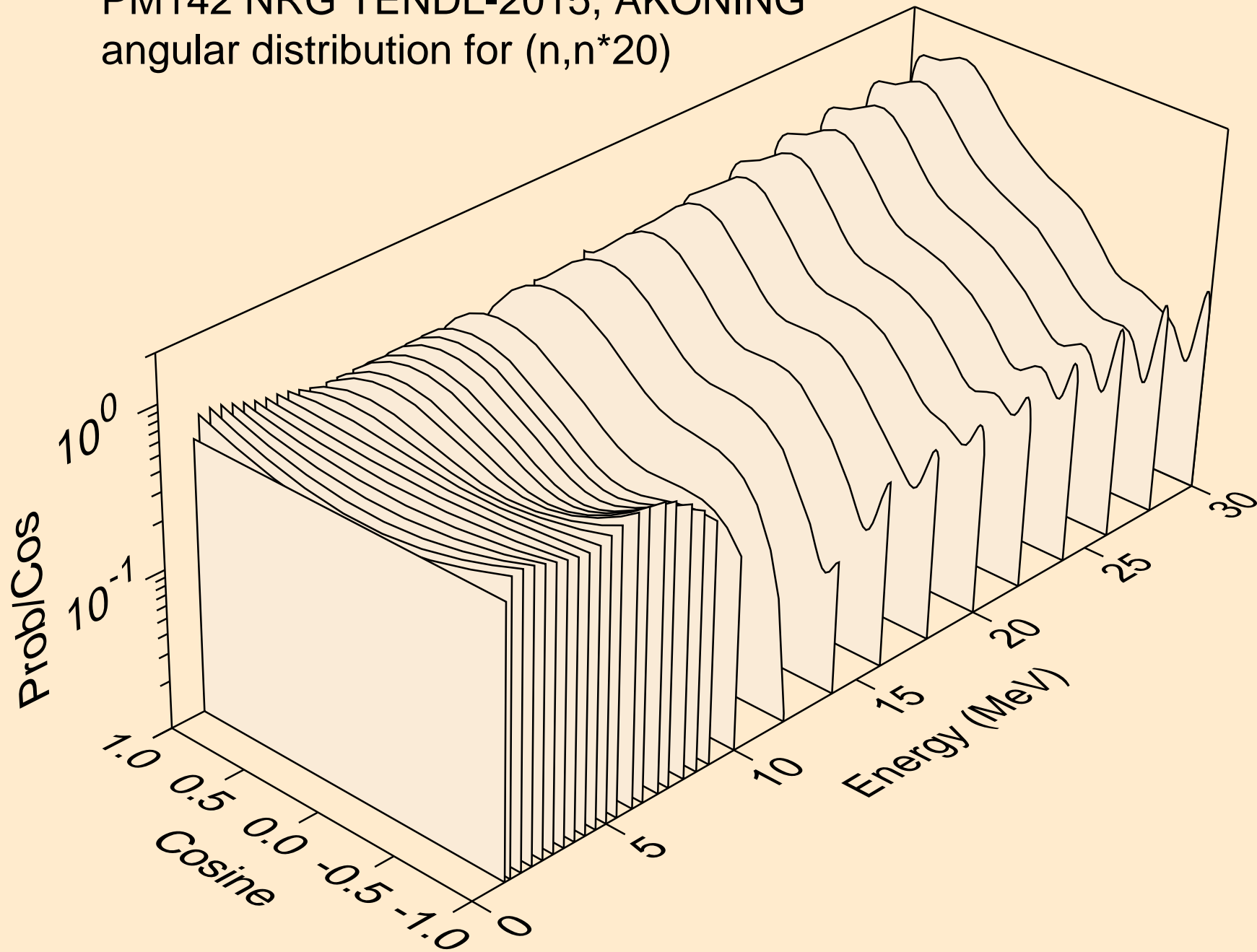
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



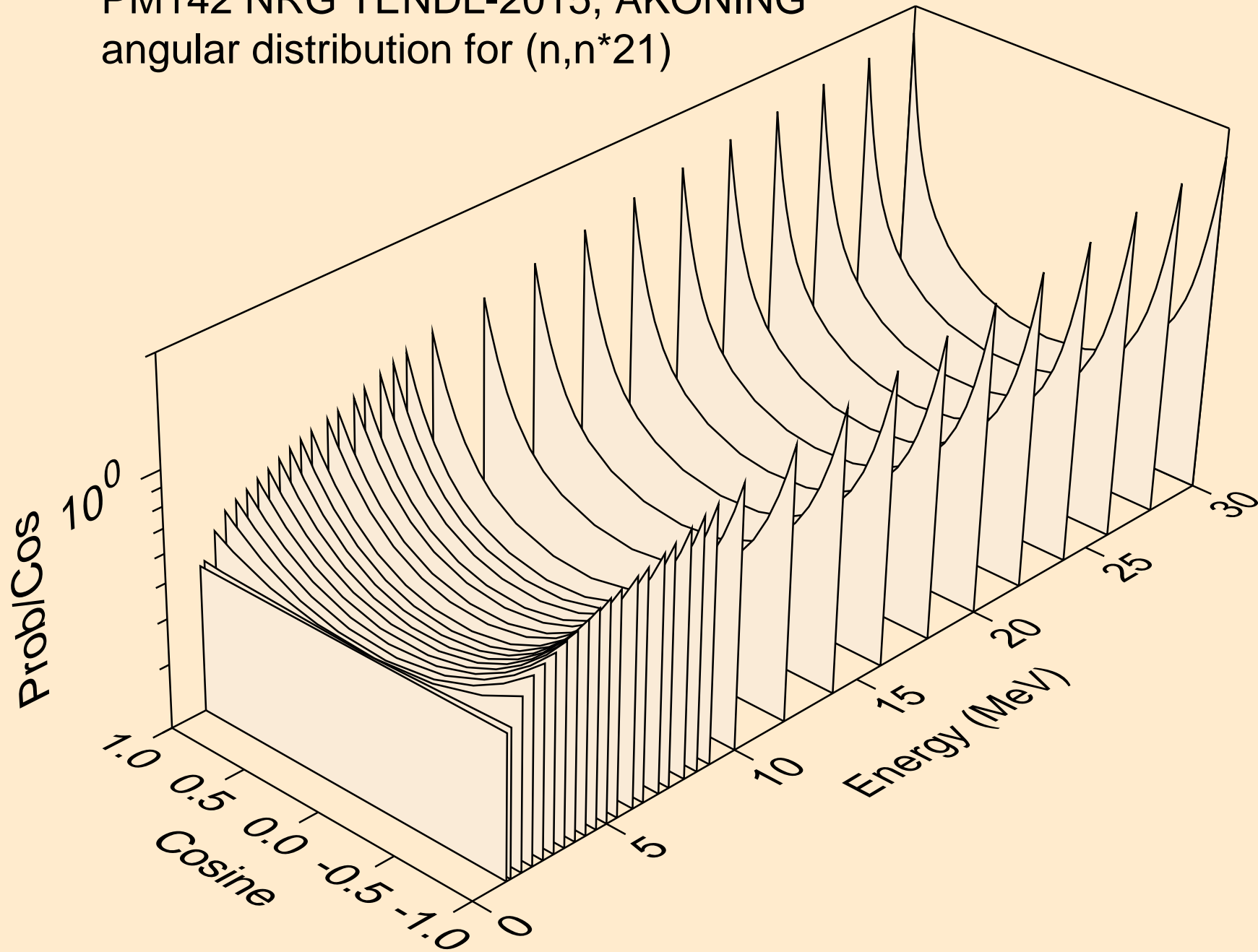
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



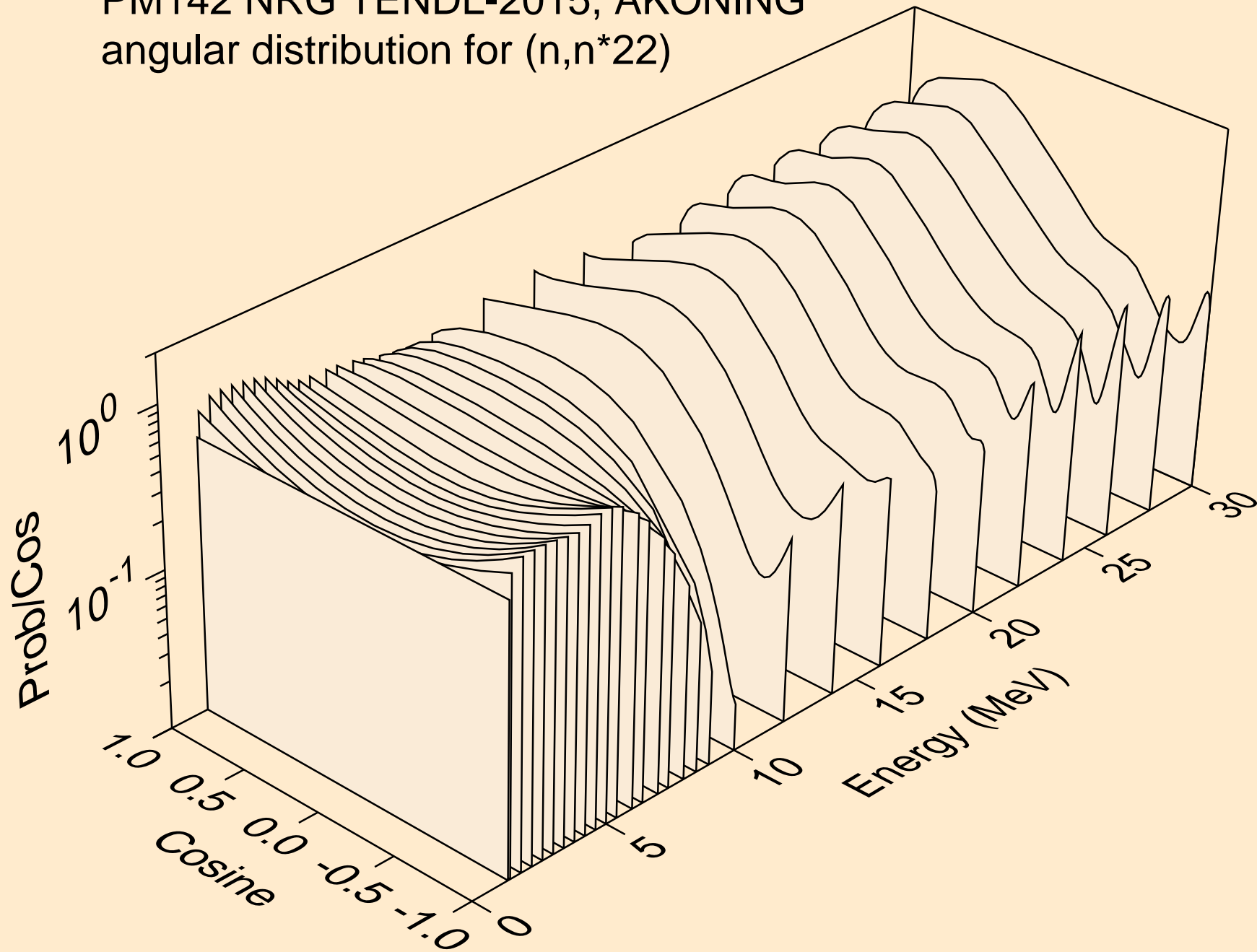
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



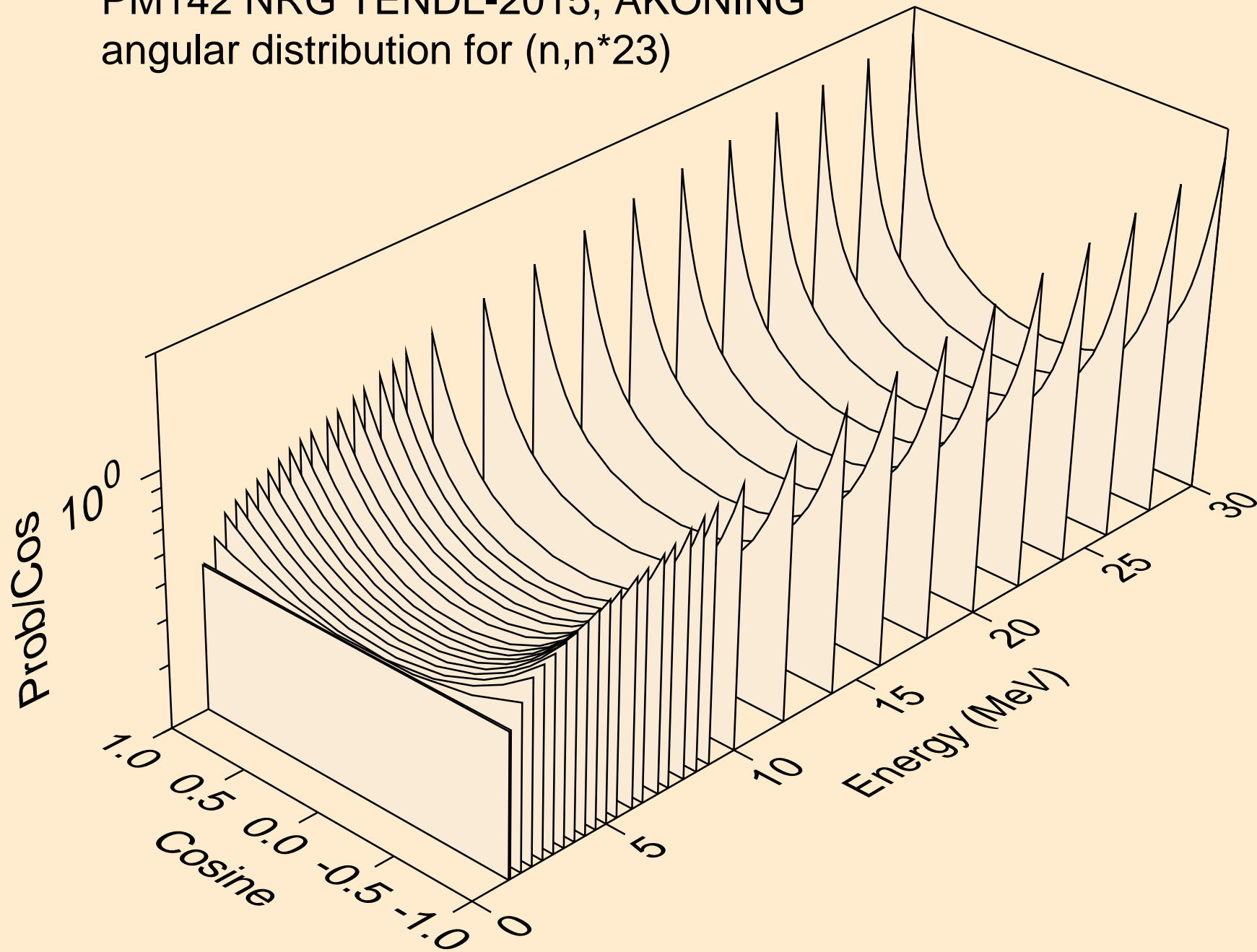
PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

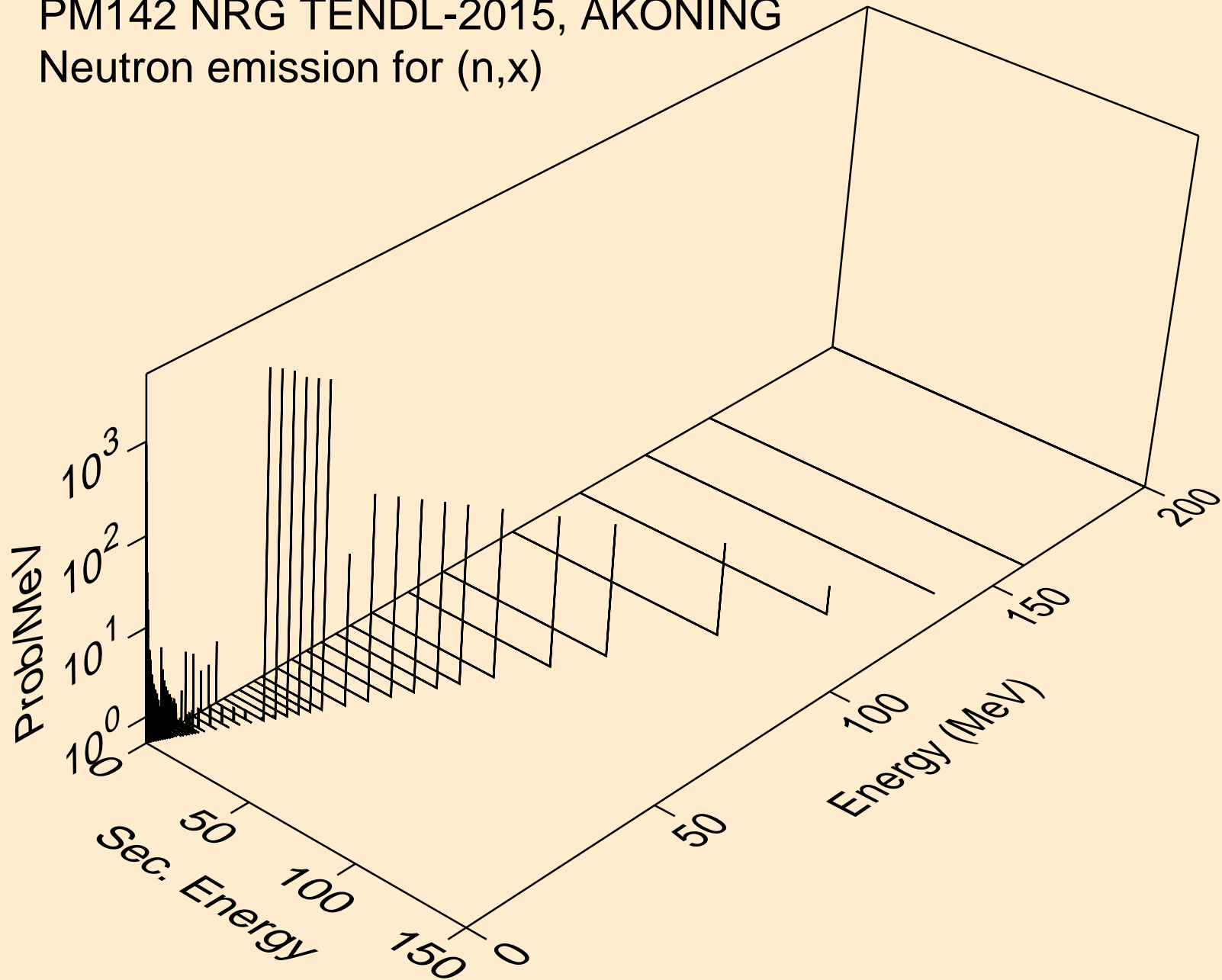


PM142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

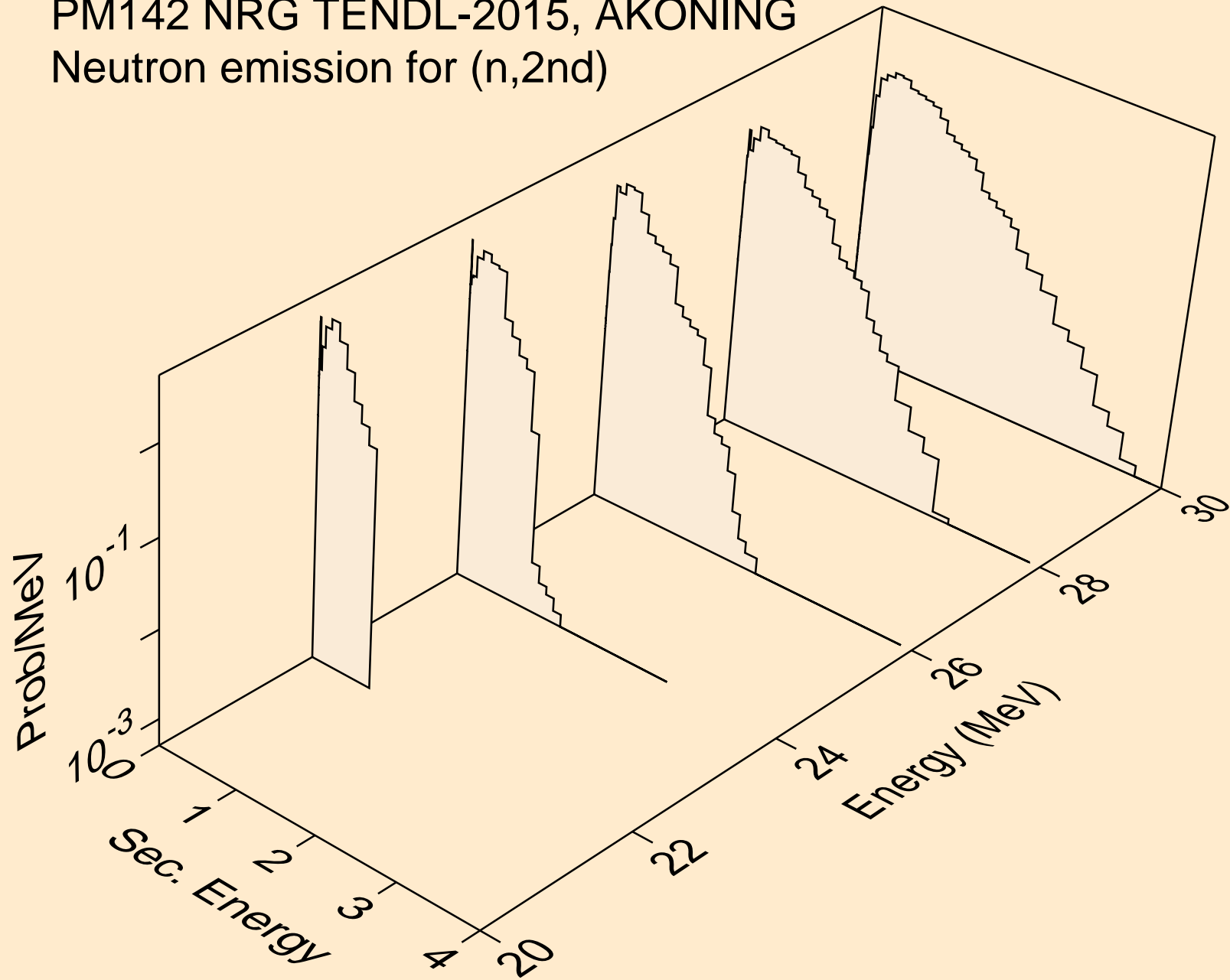




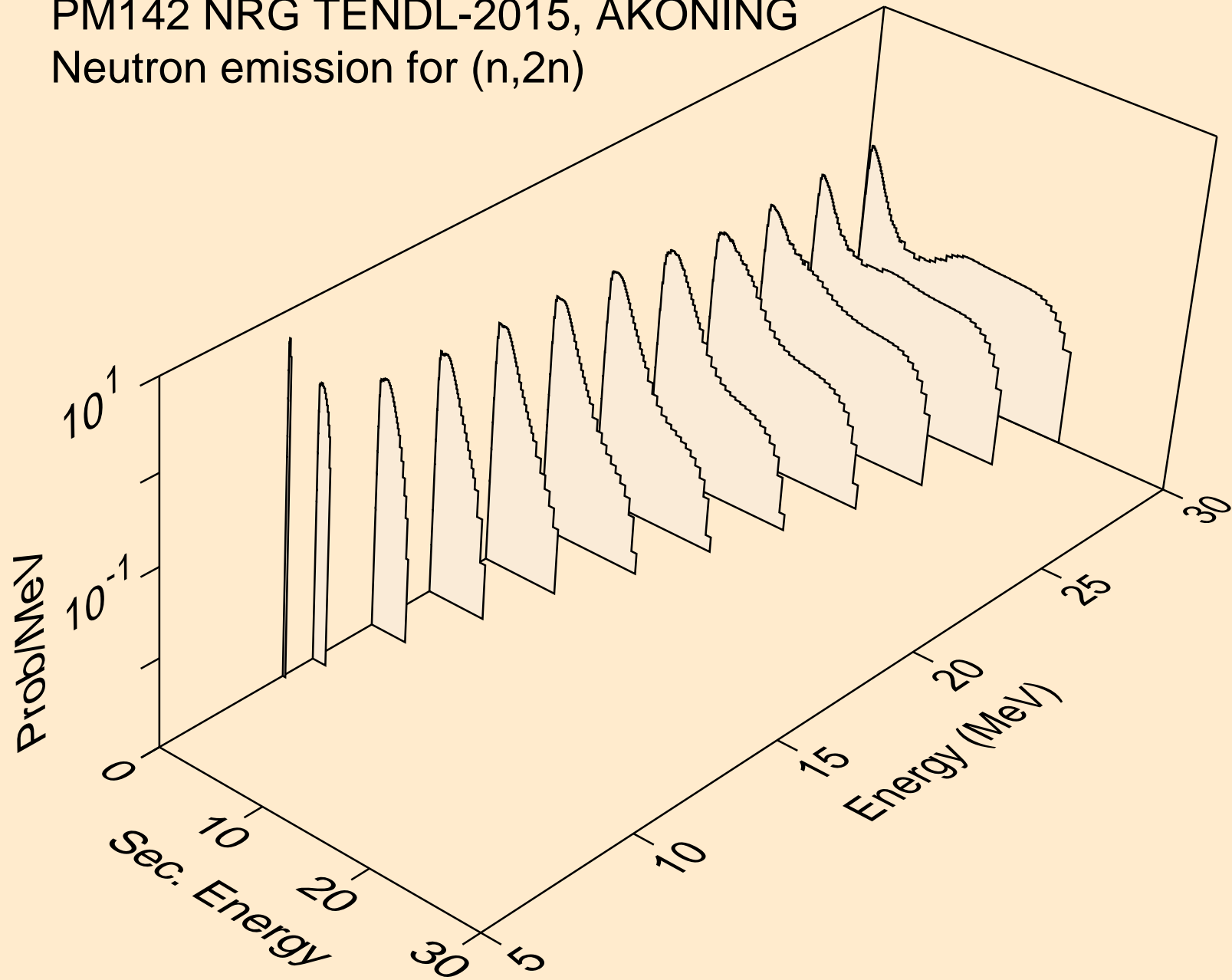
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



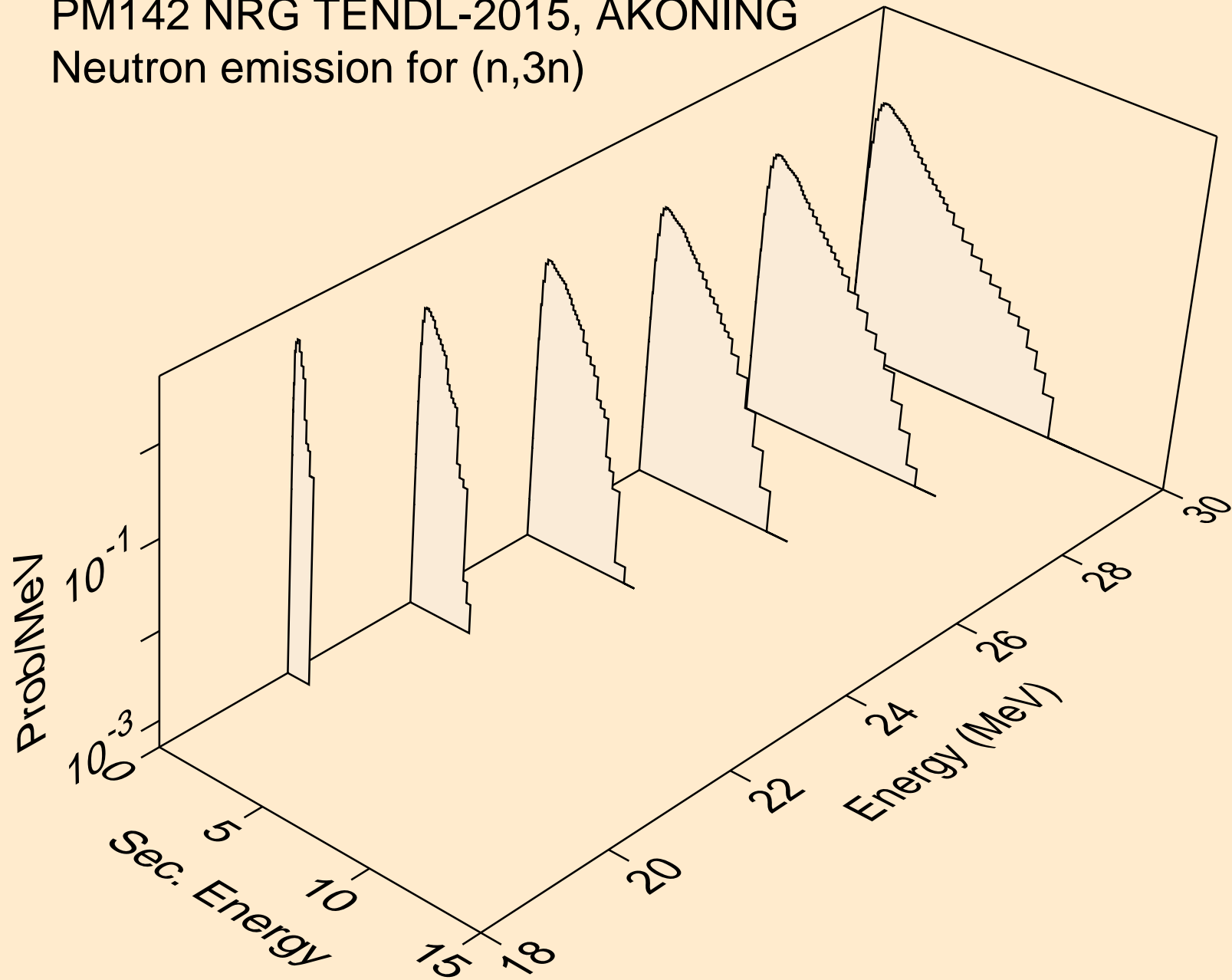
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



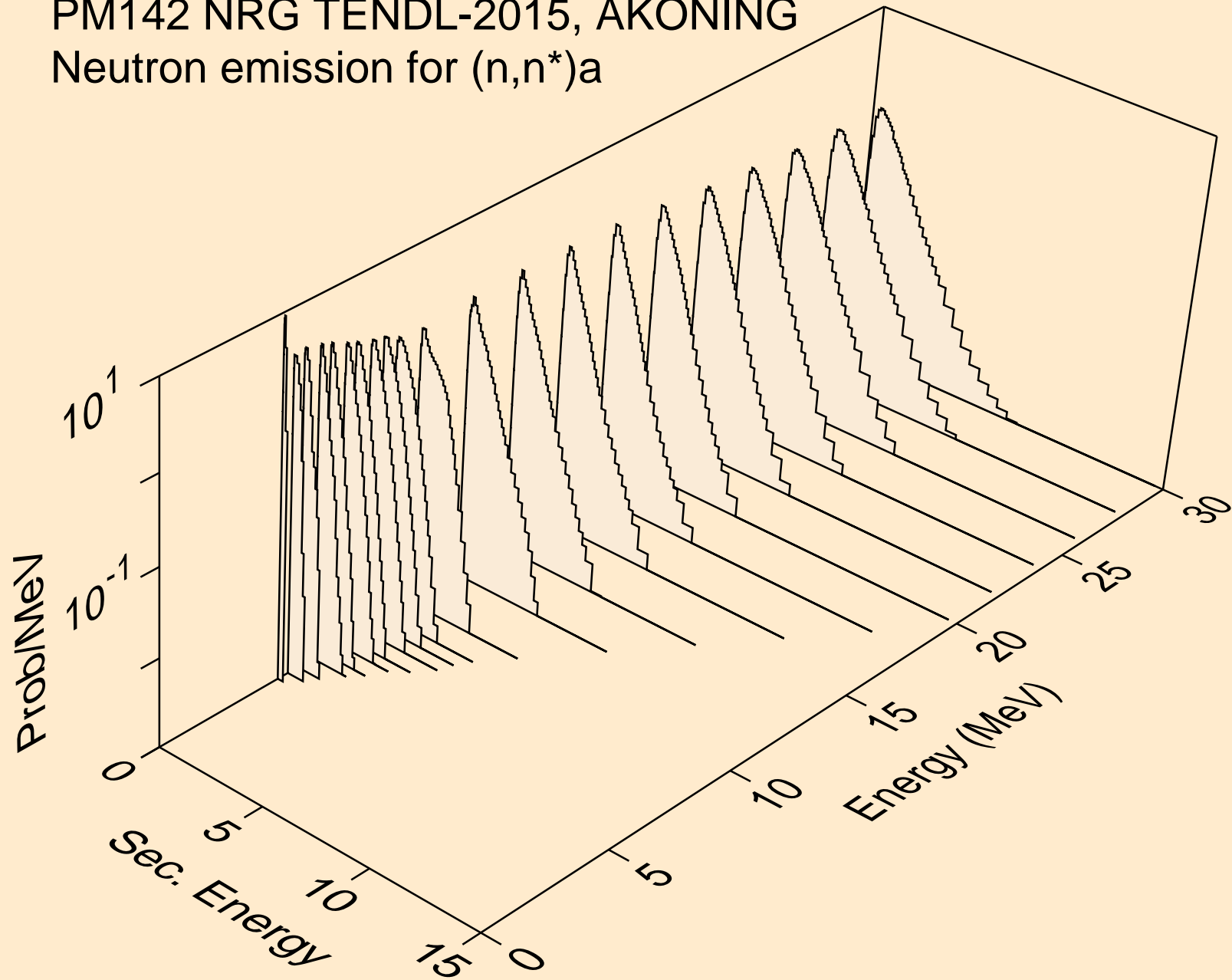
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



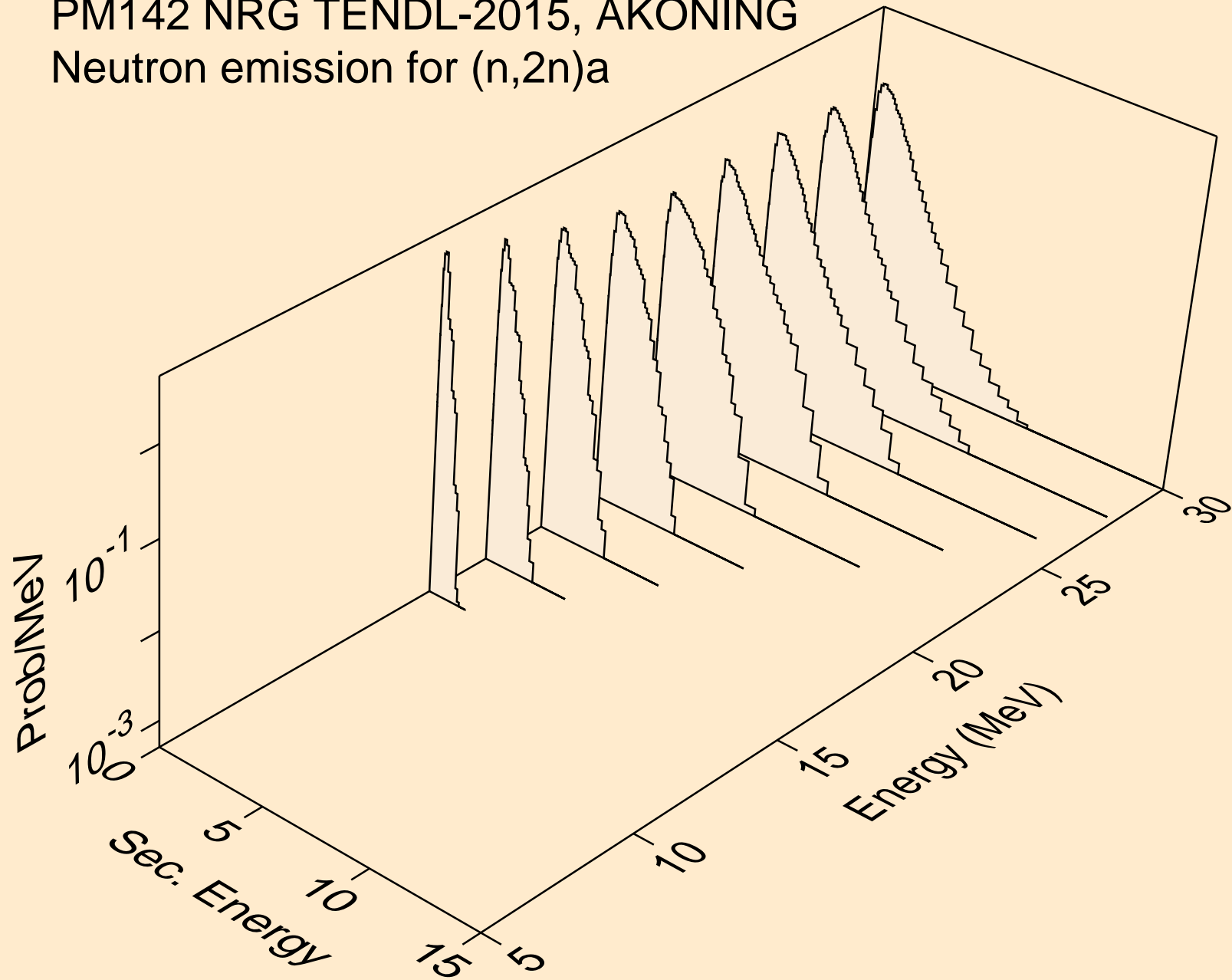
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



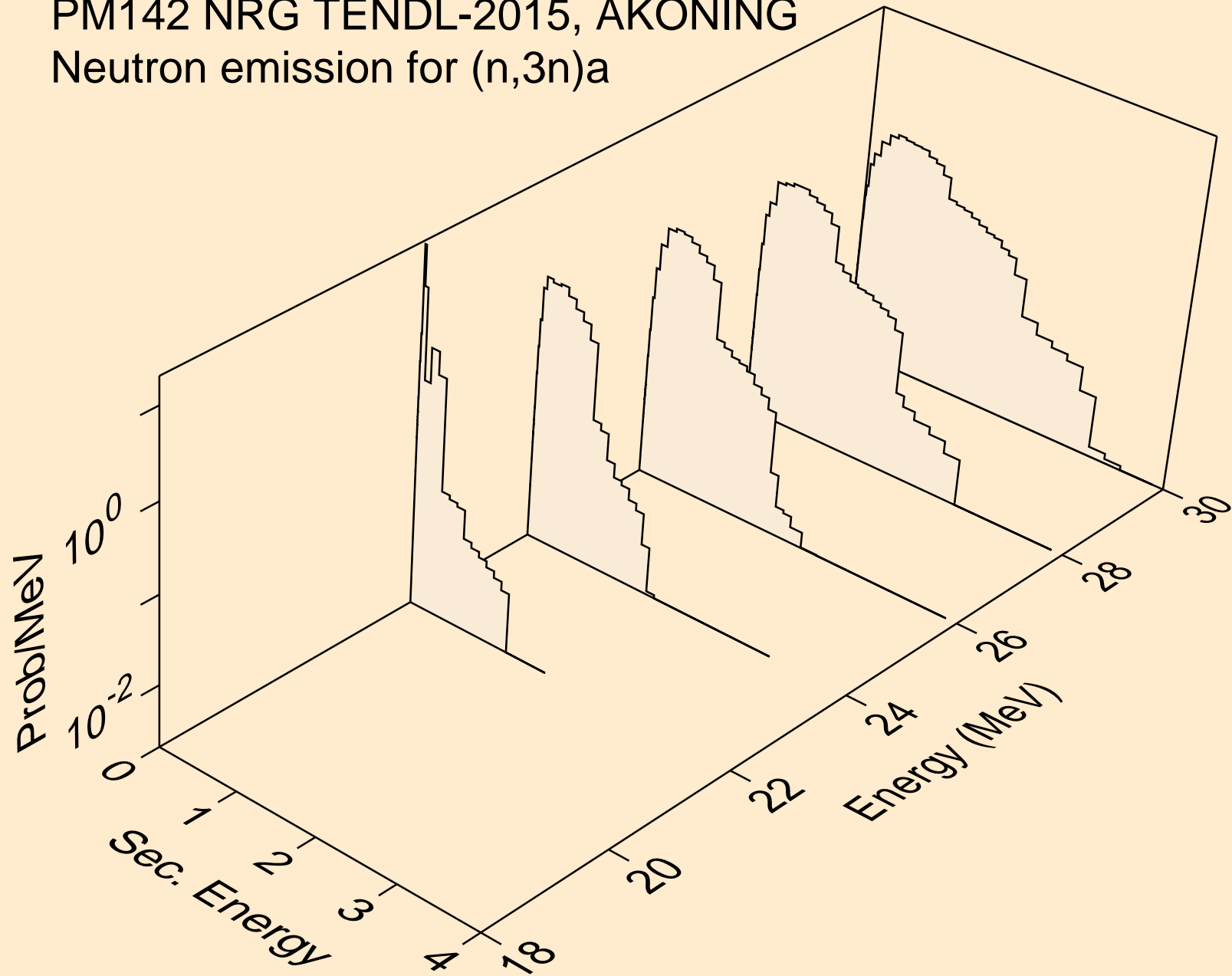
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



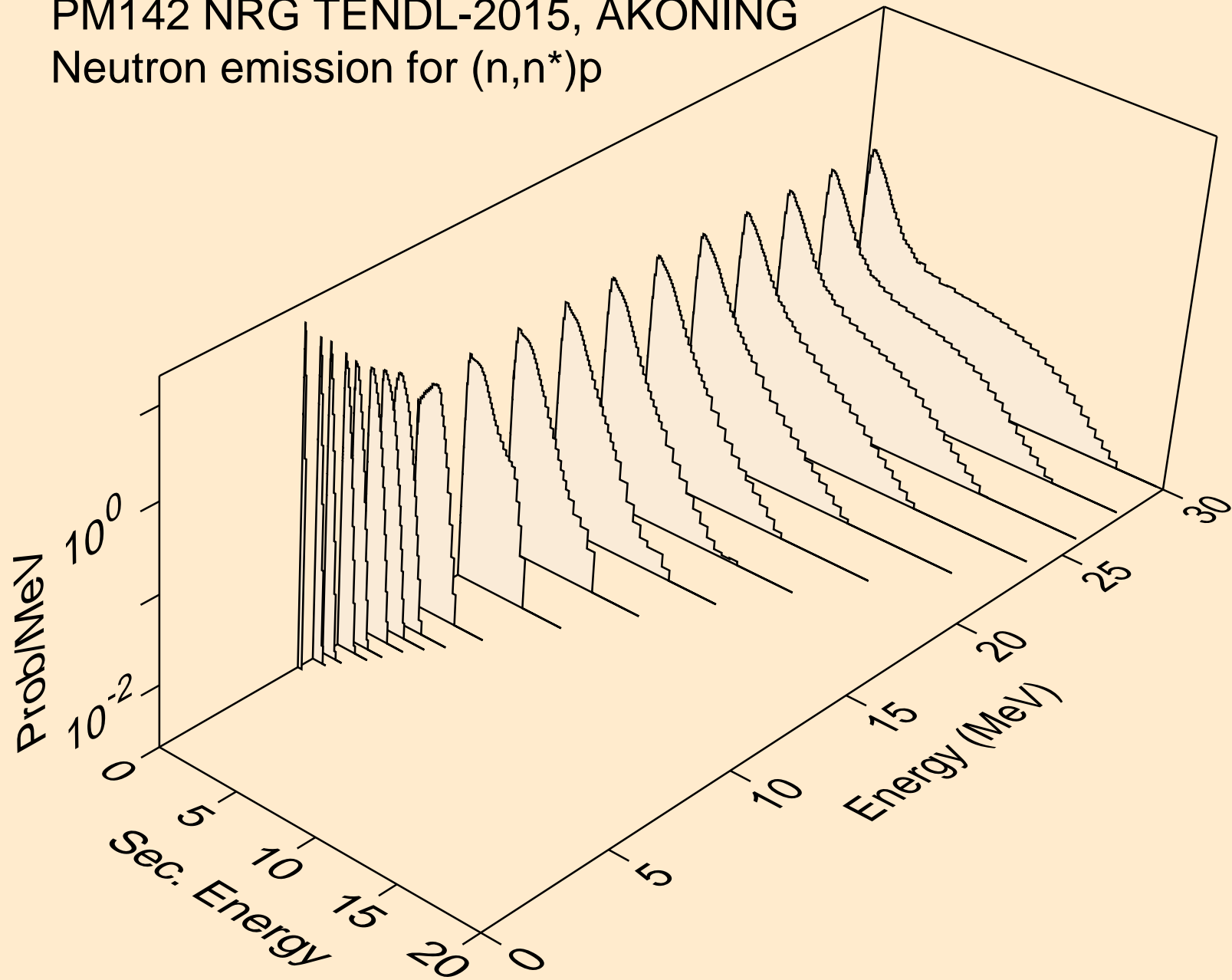
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

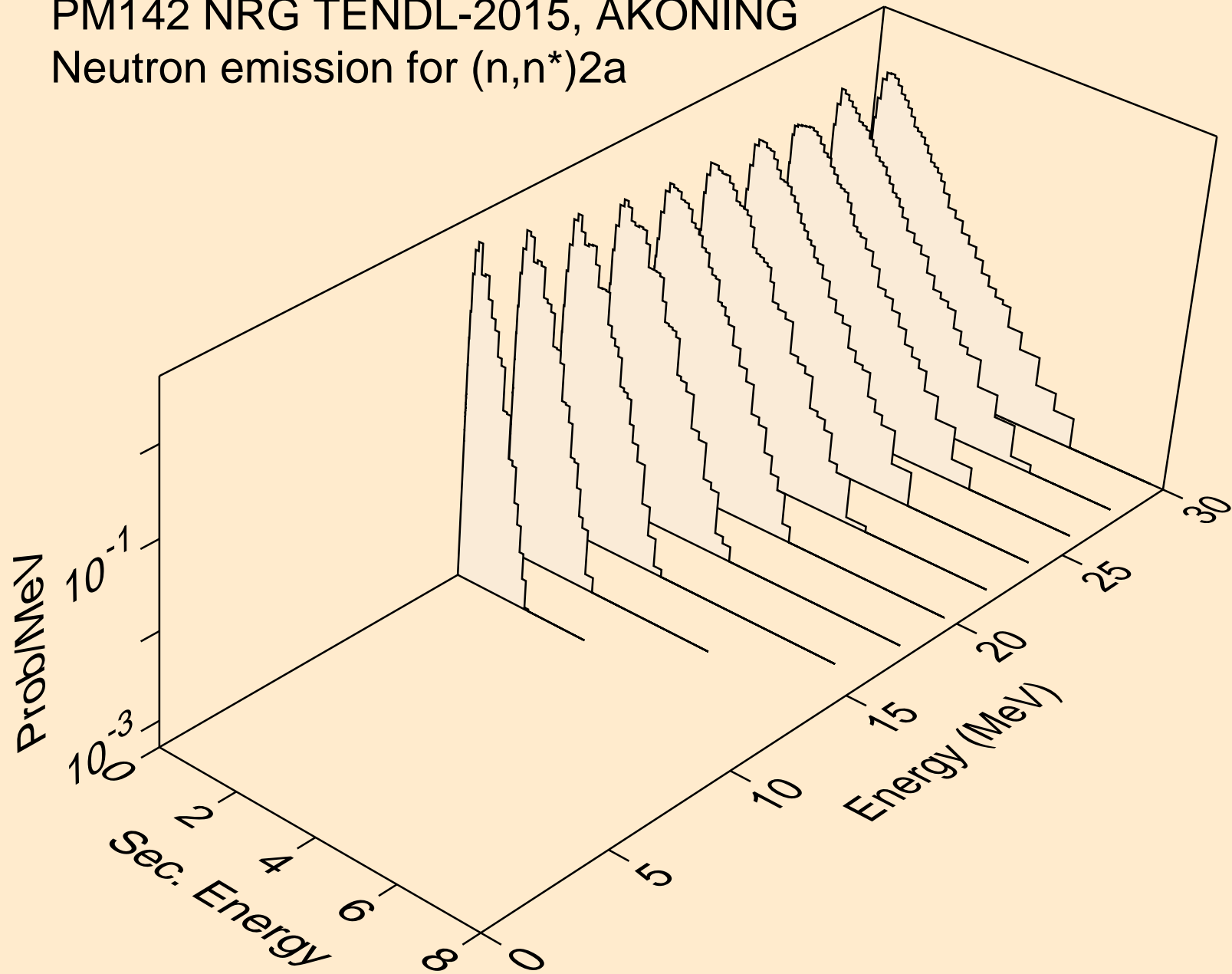


PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

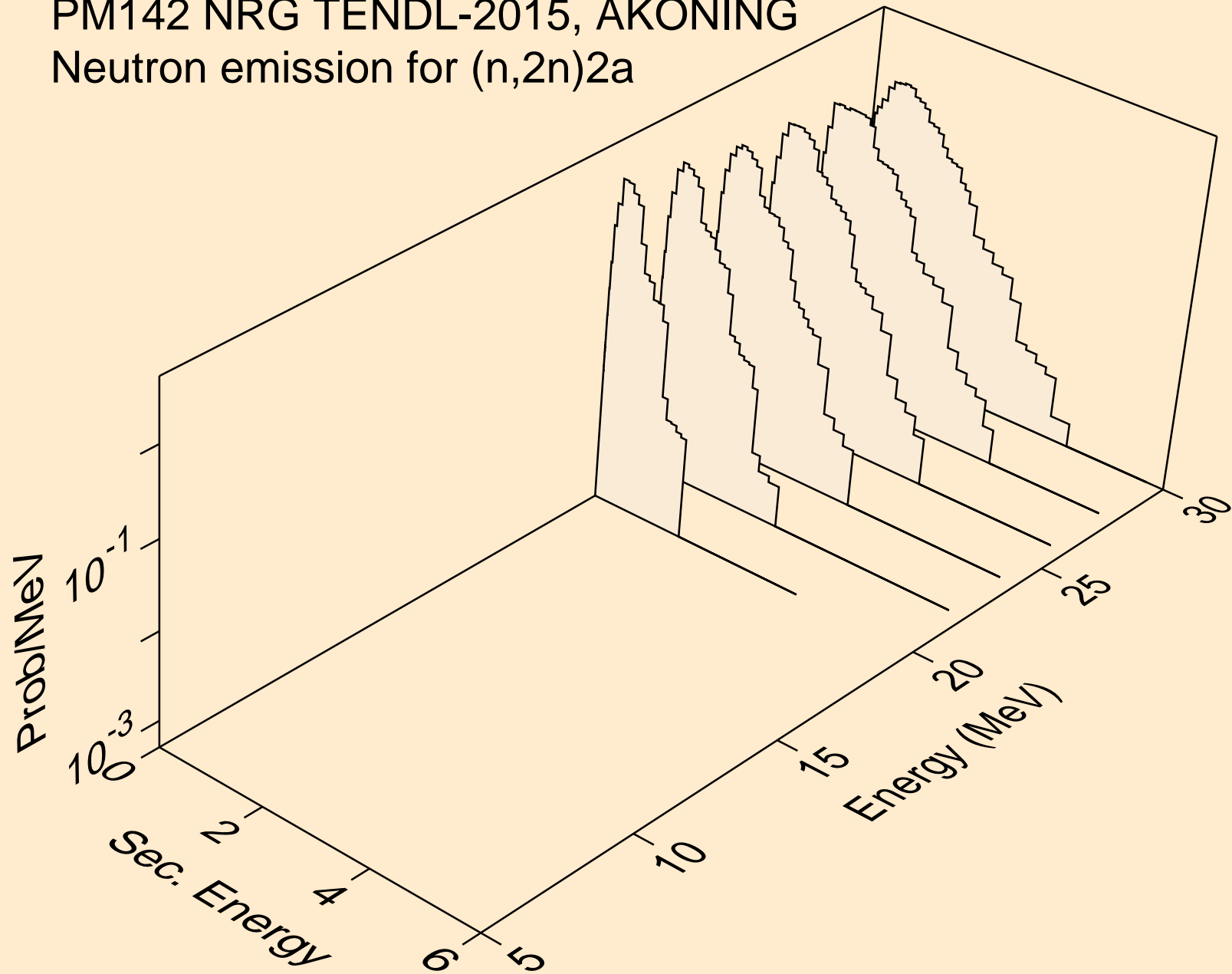




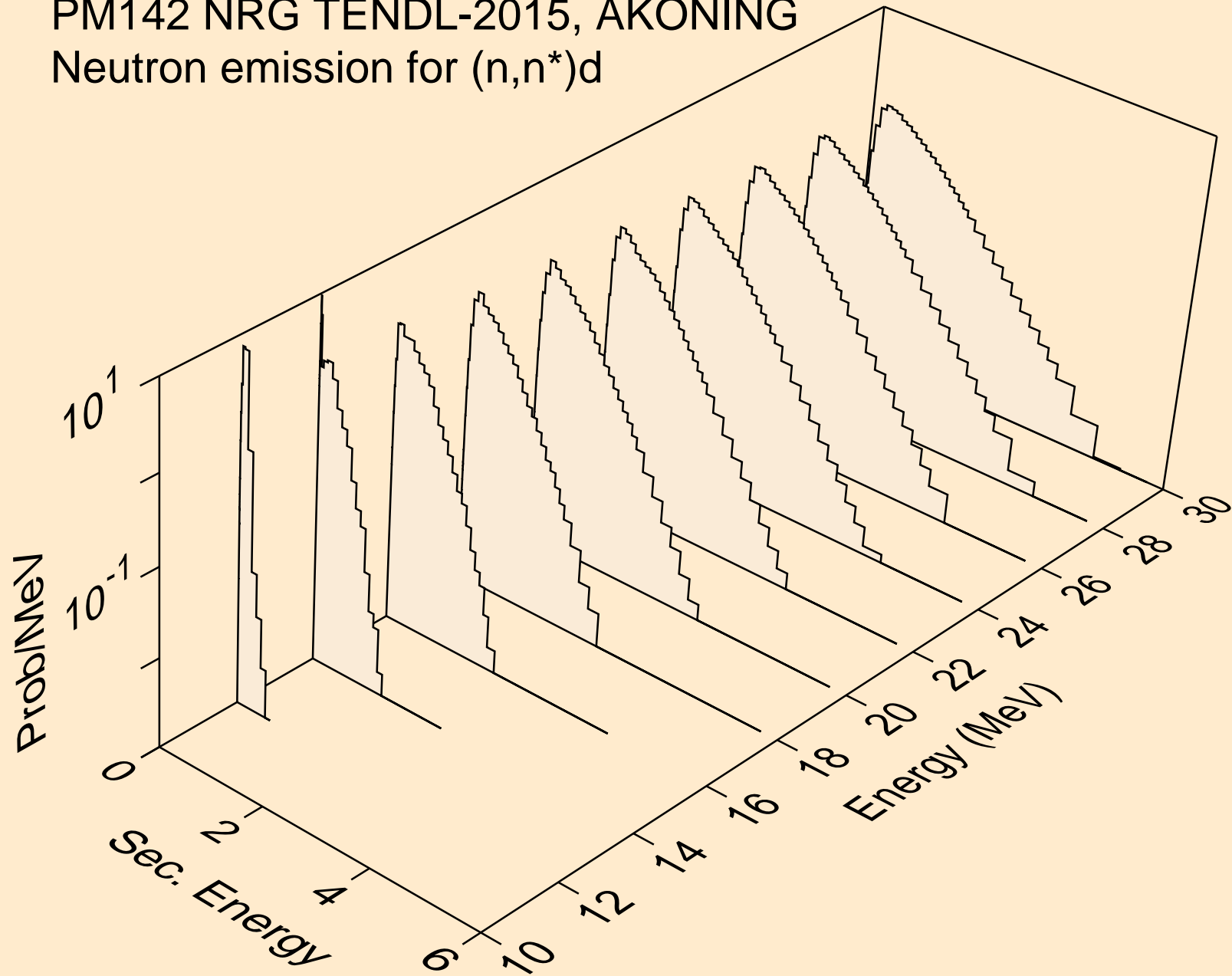
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



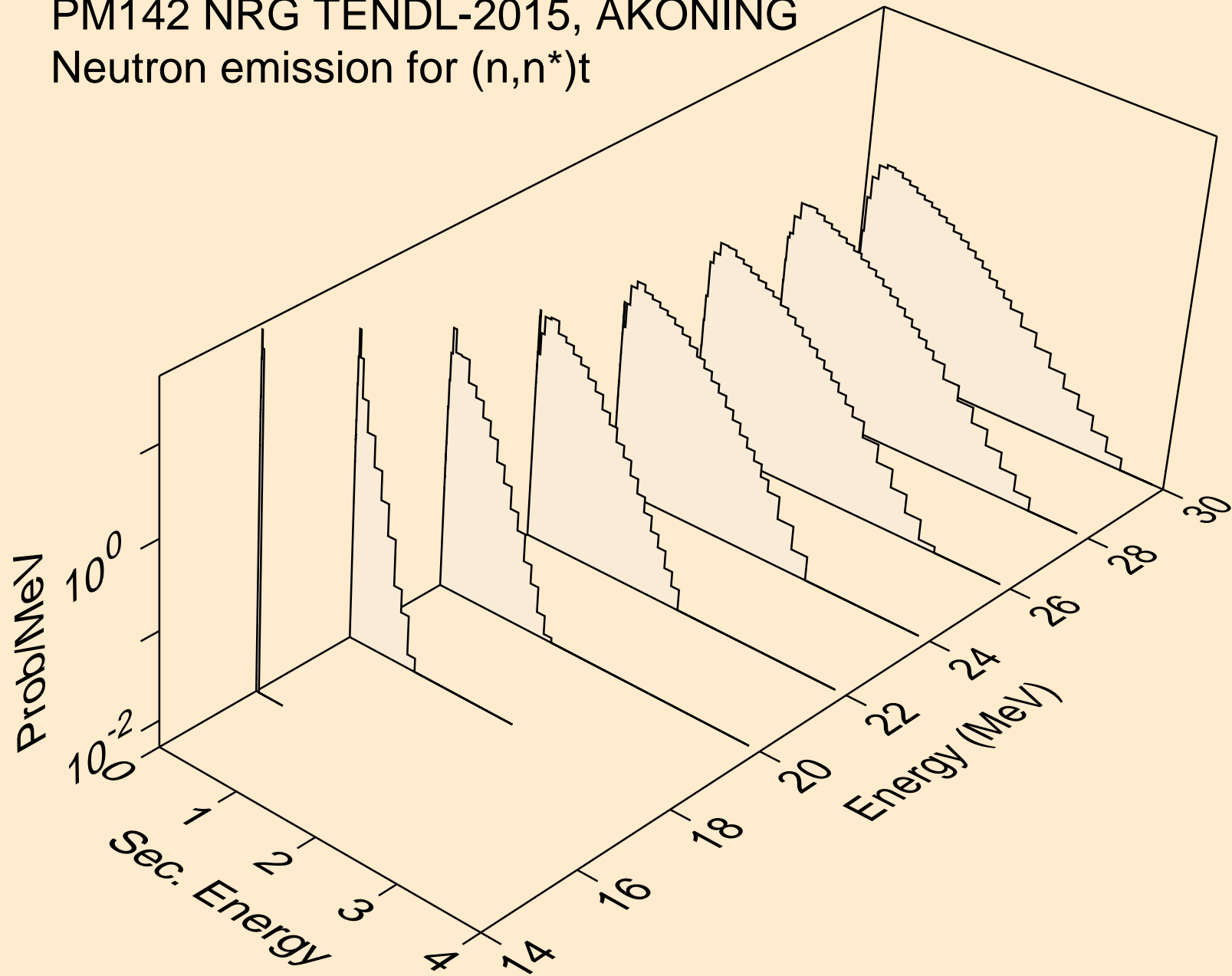
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



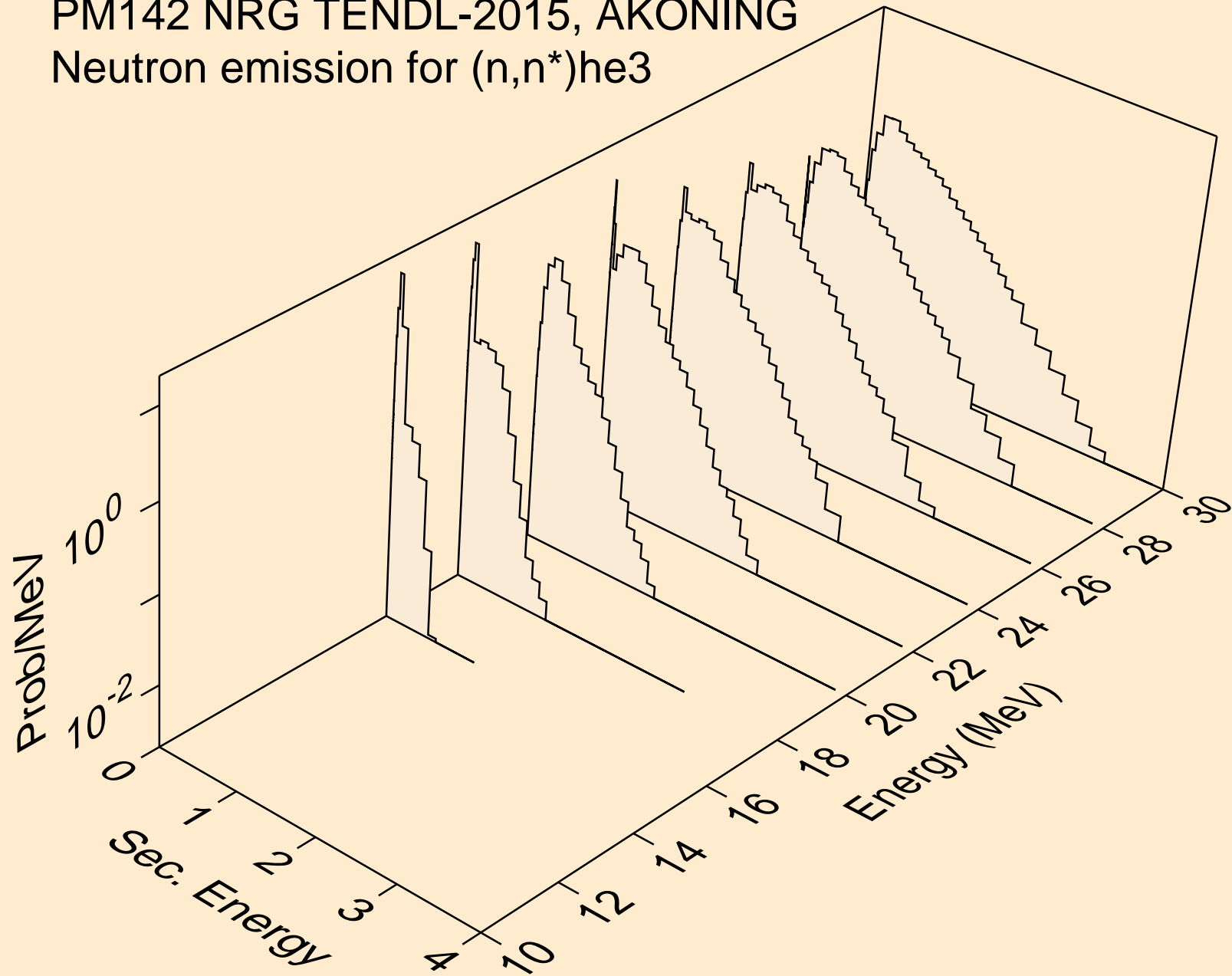
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



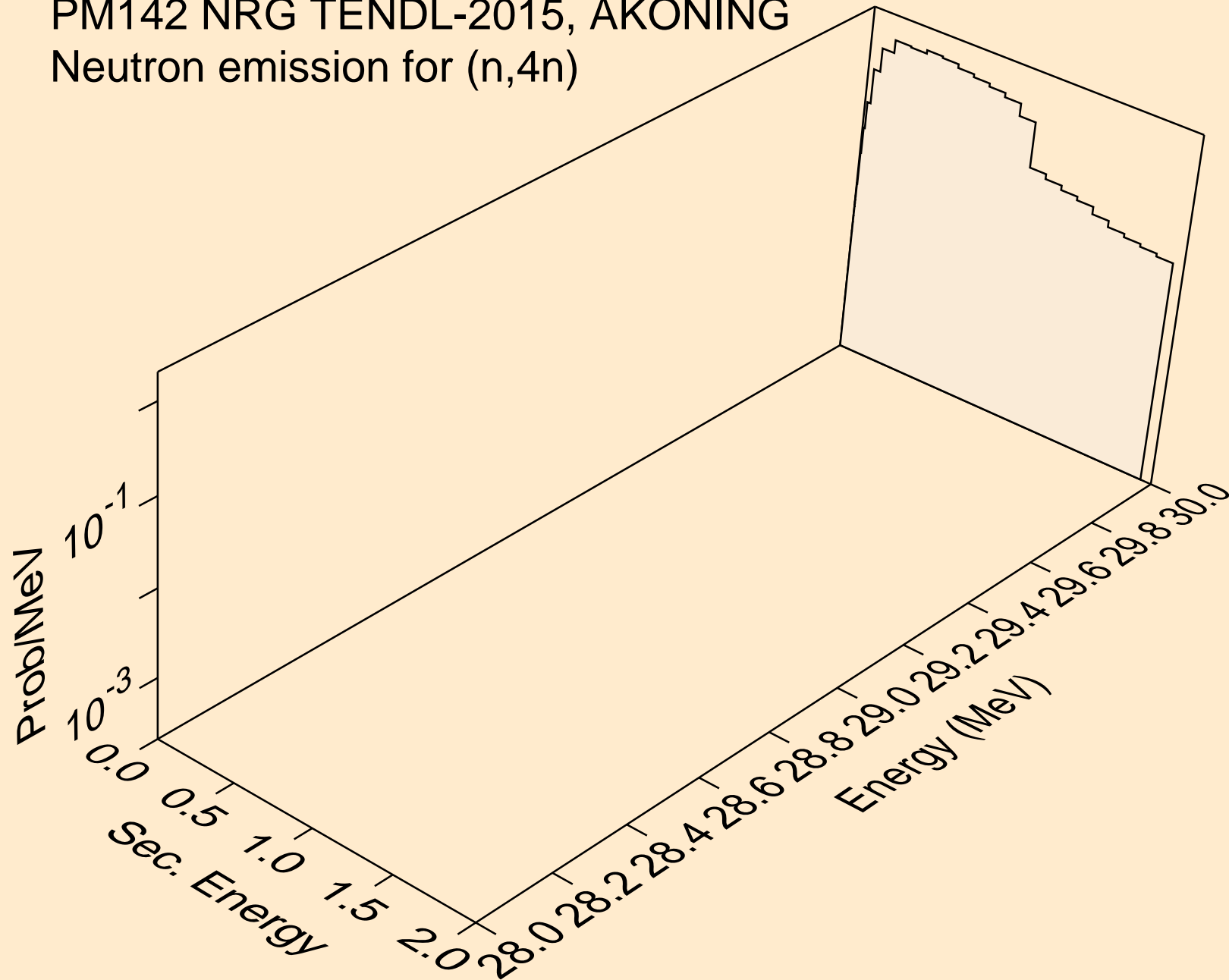
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



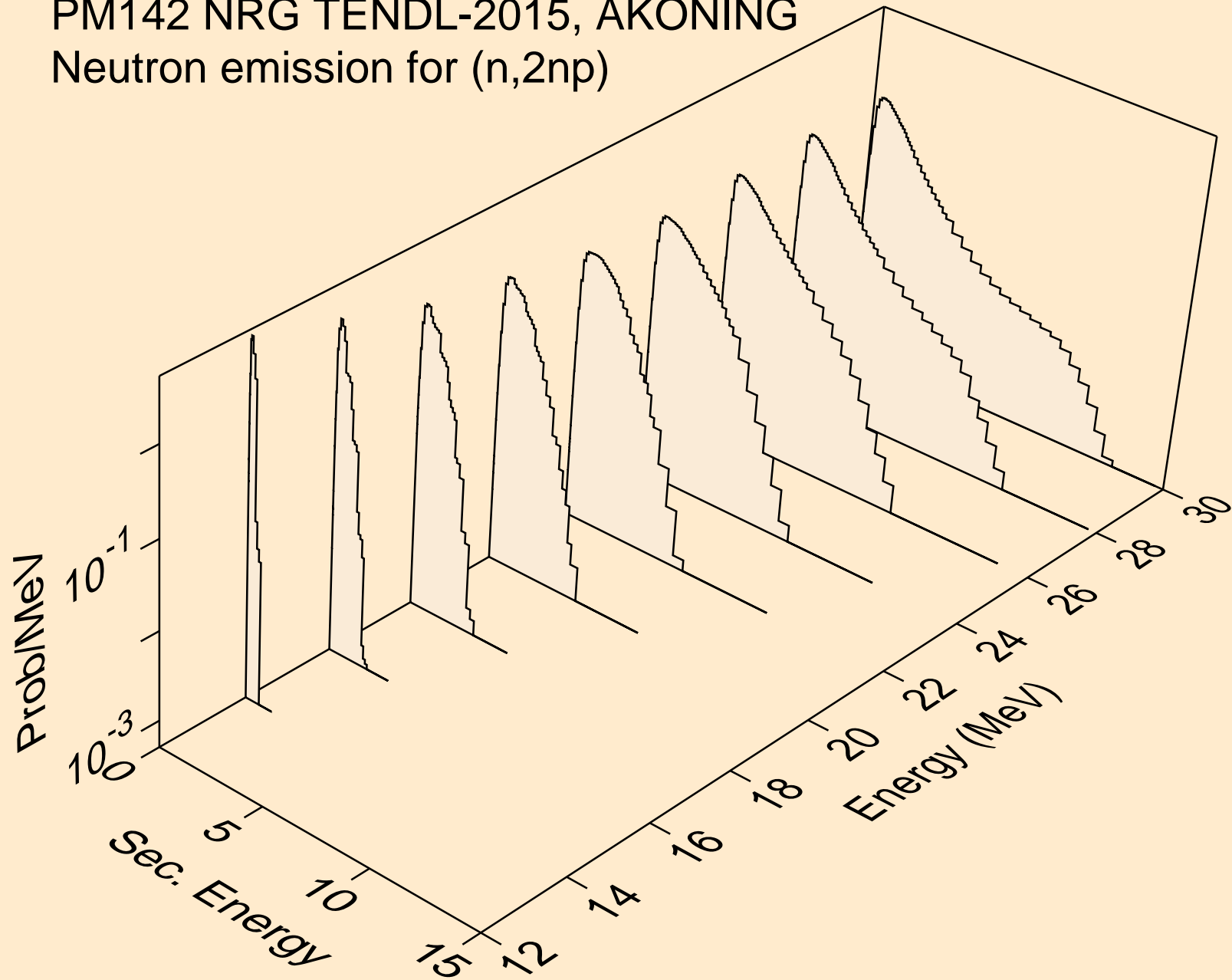
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



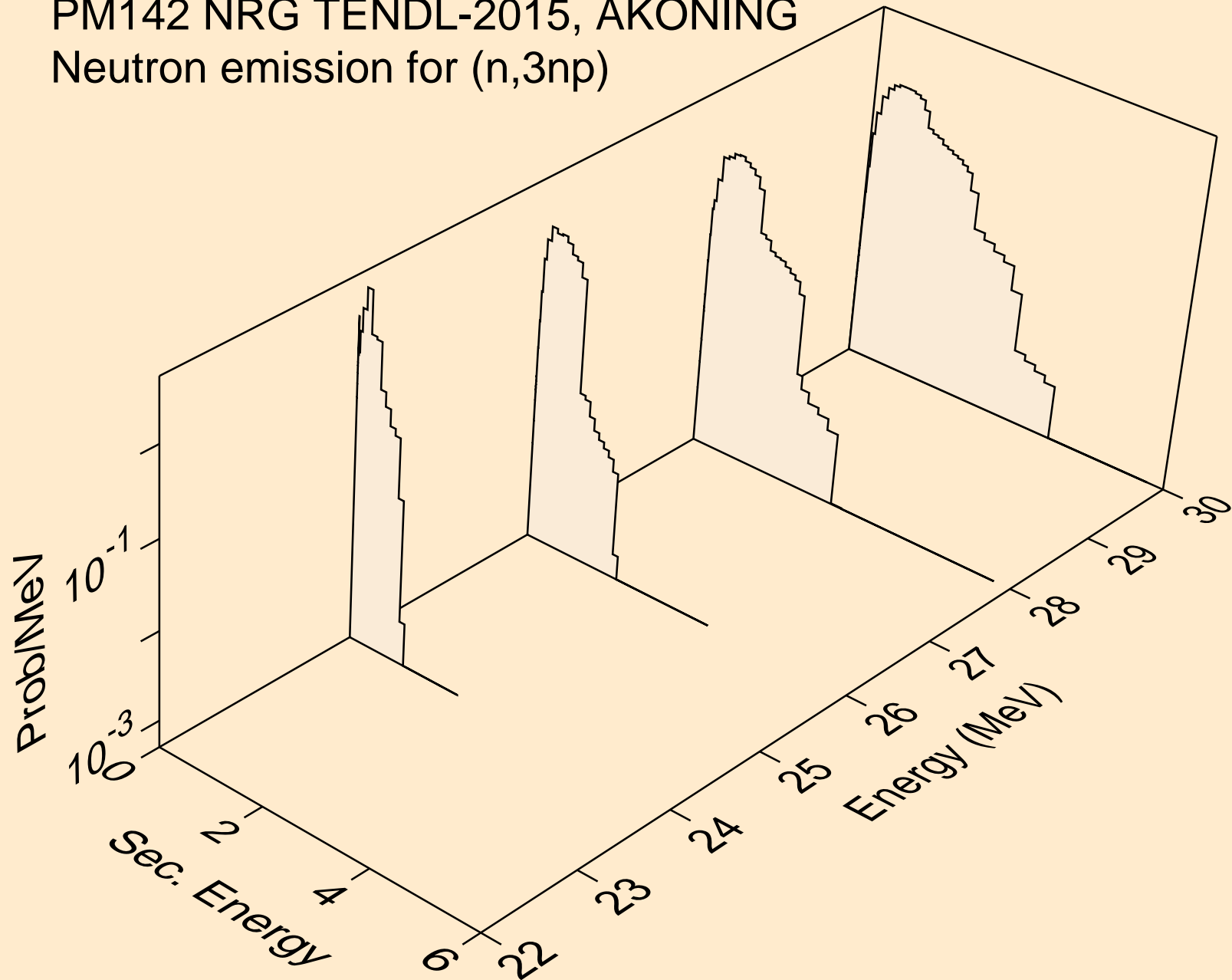
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

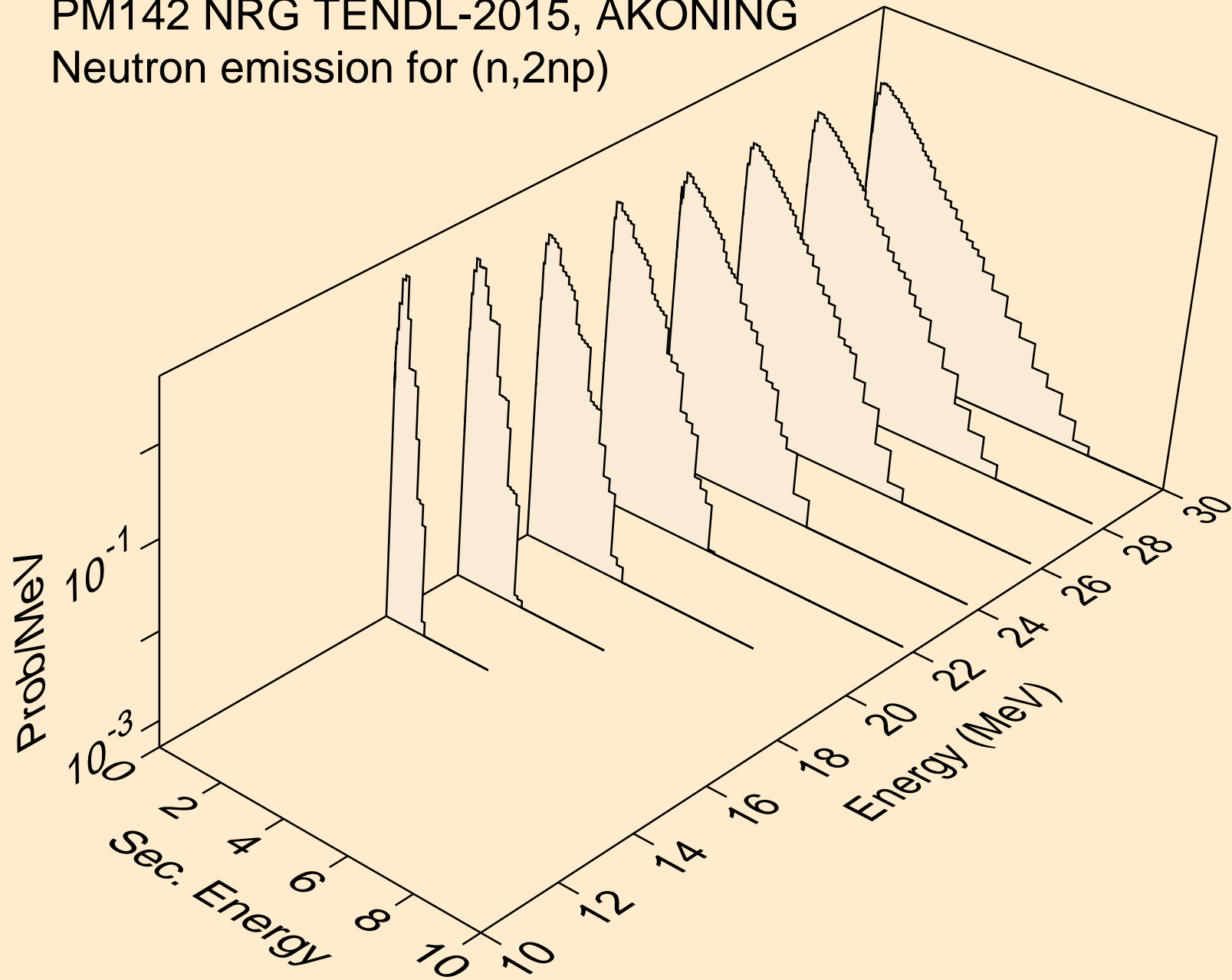


PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

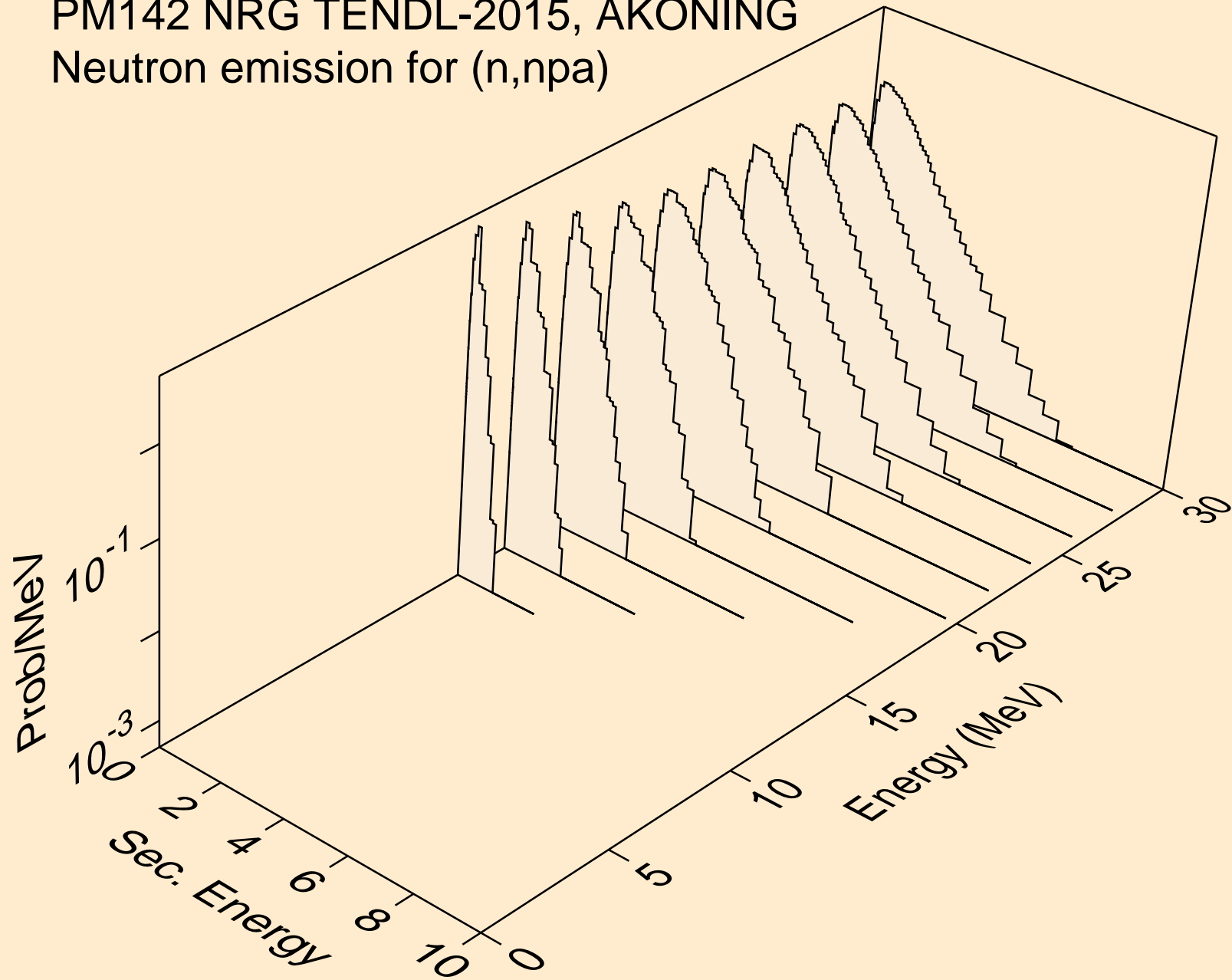




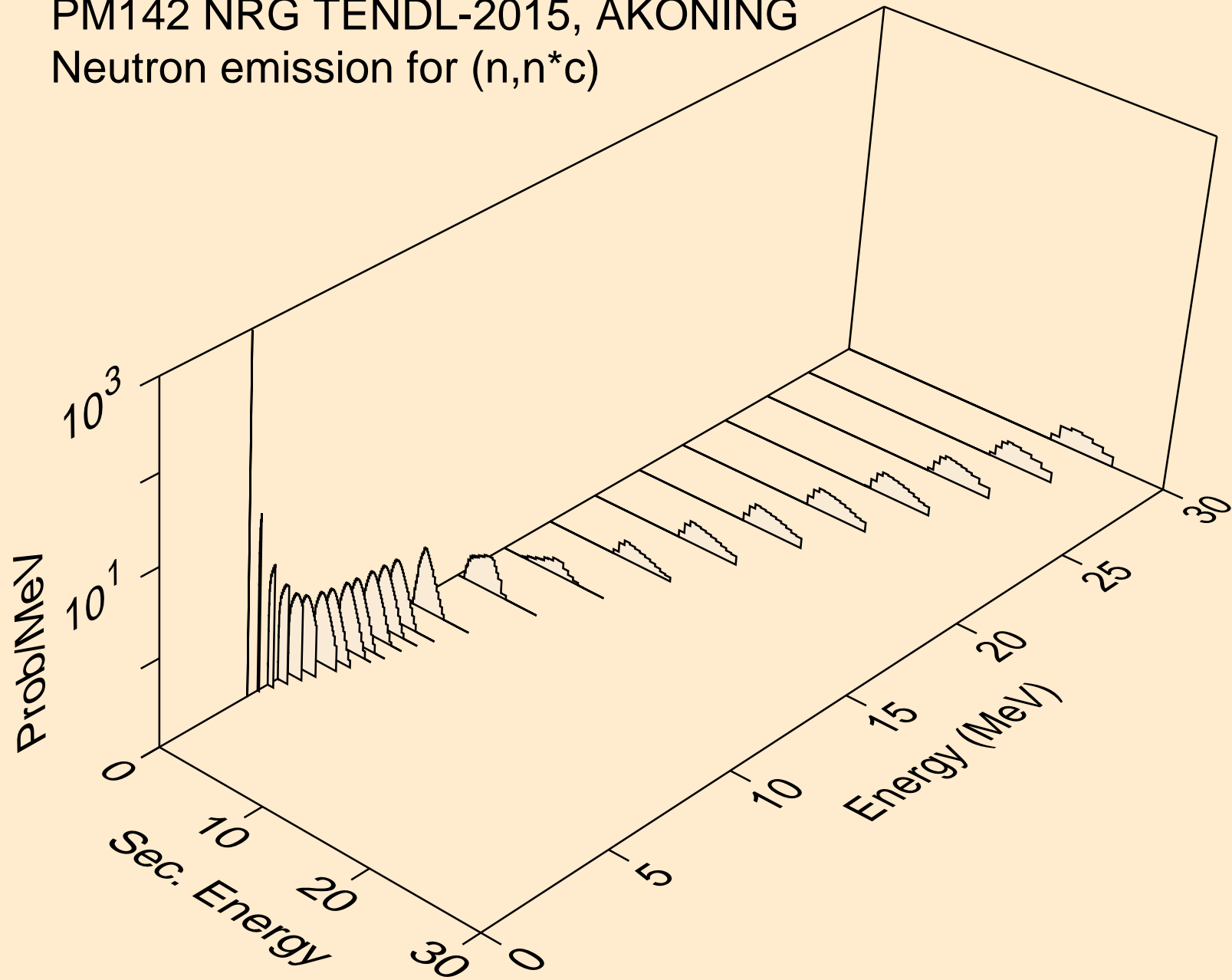
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



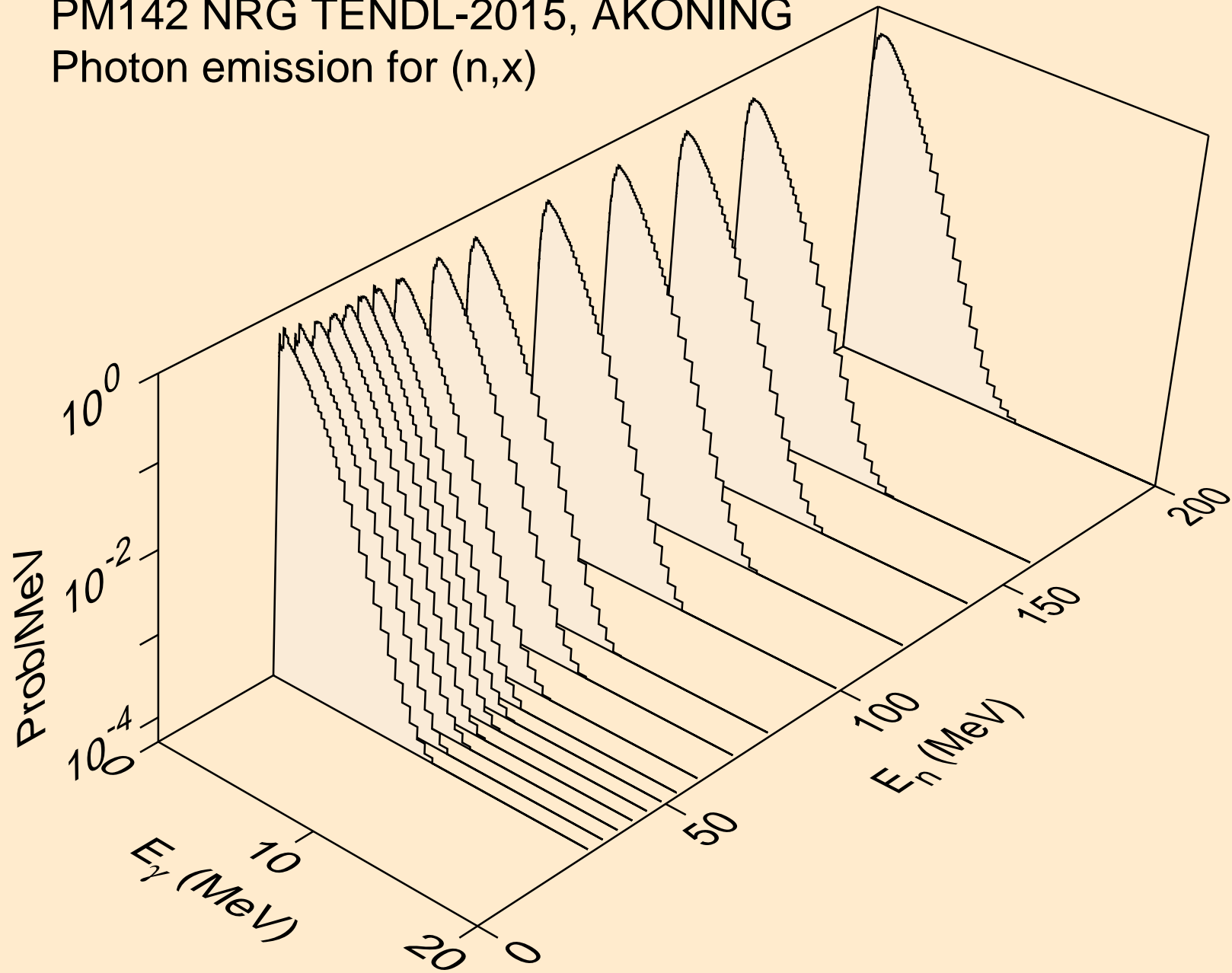
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



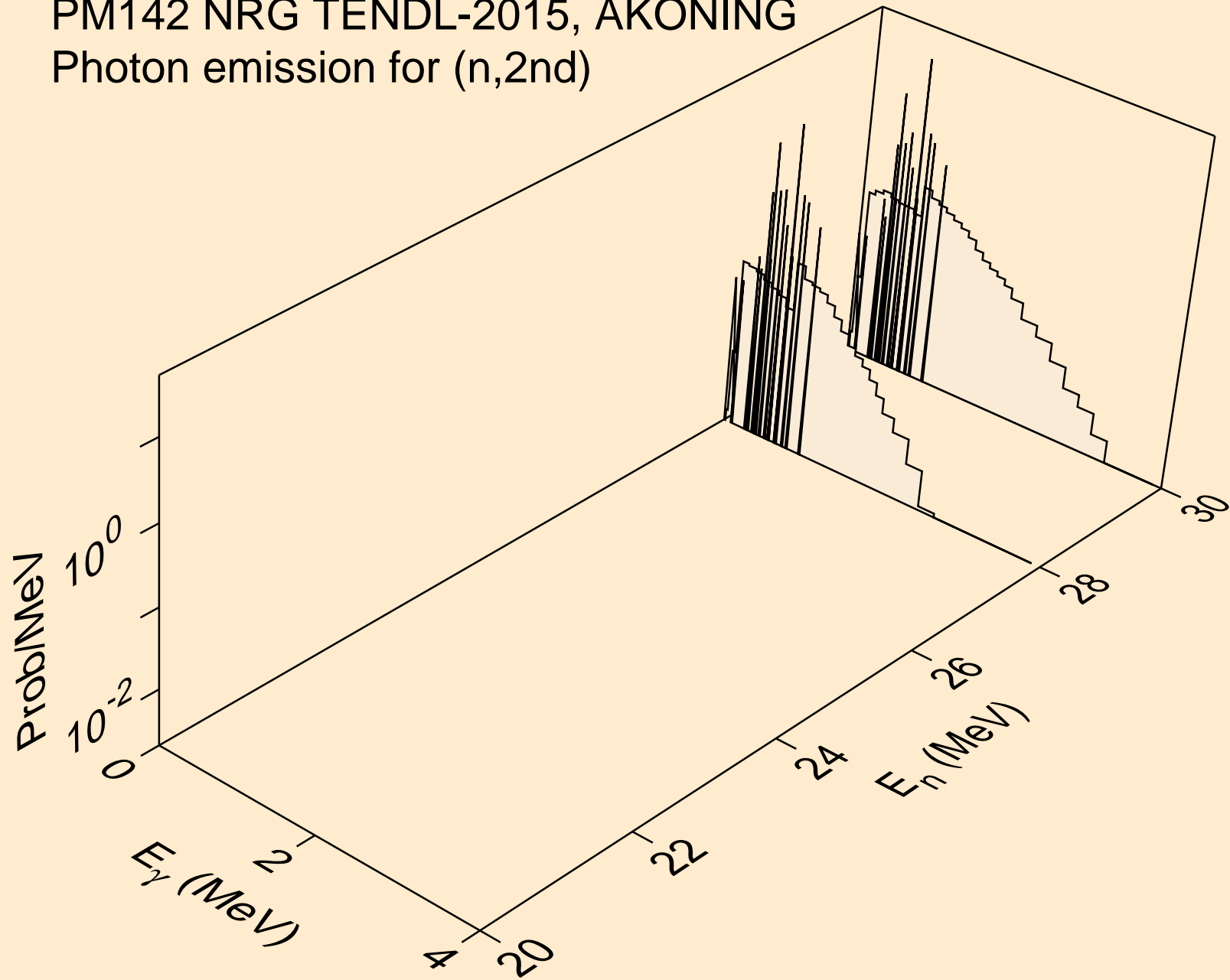
PM142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



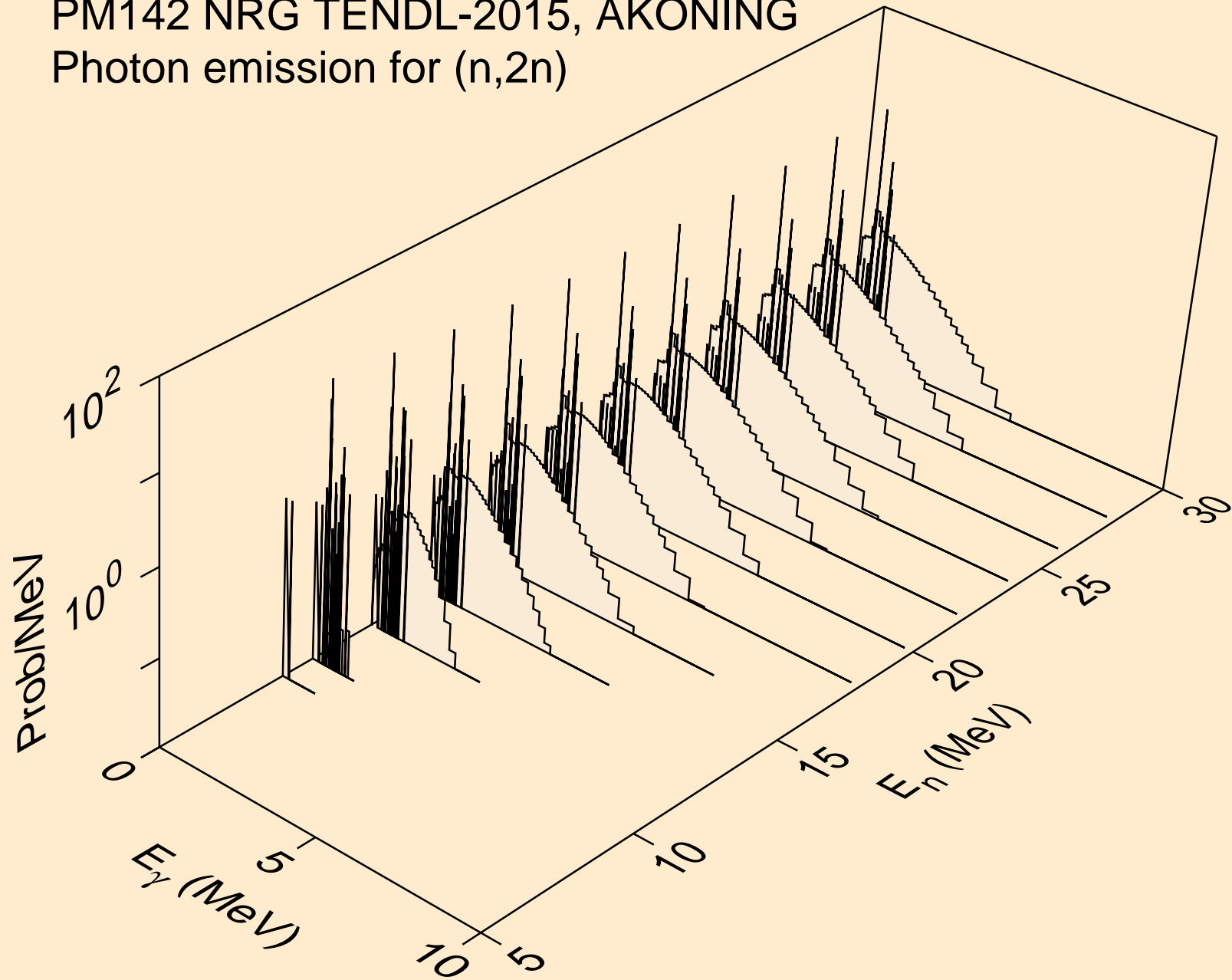
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



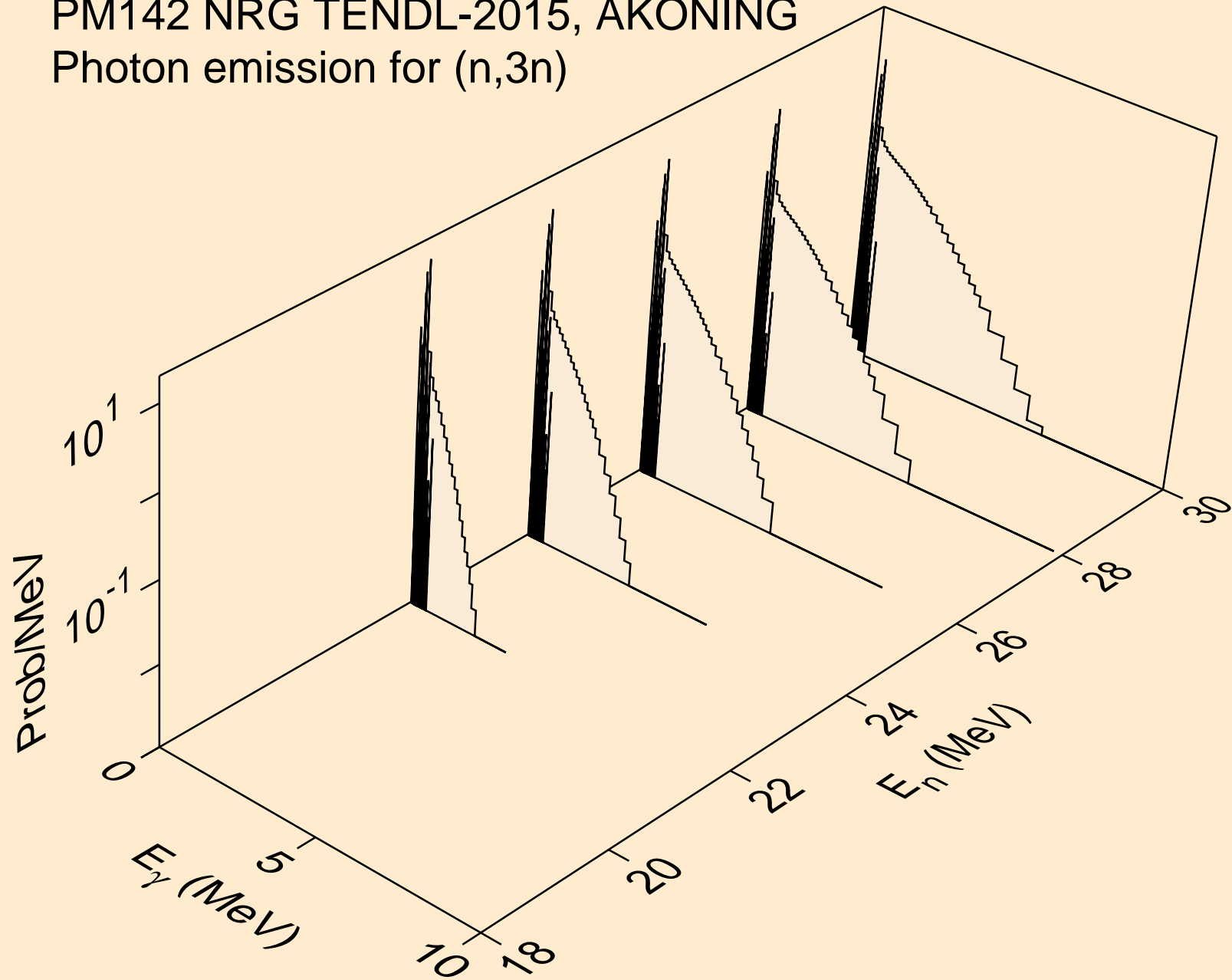
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



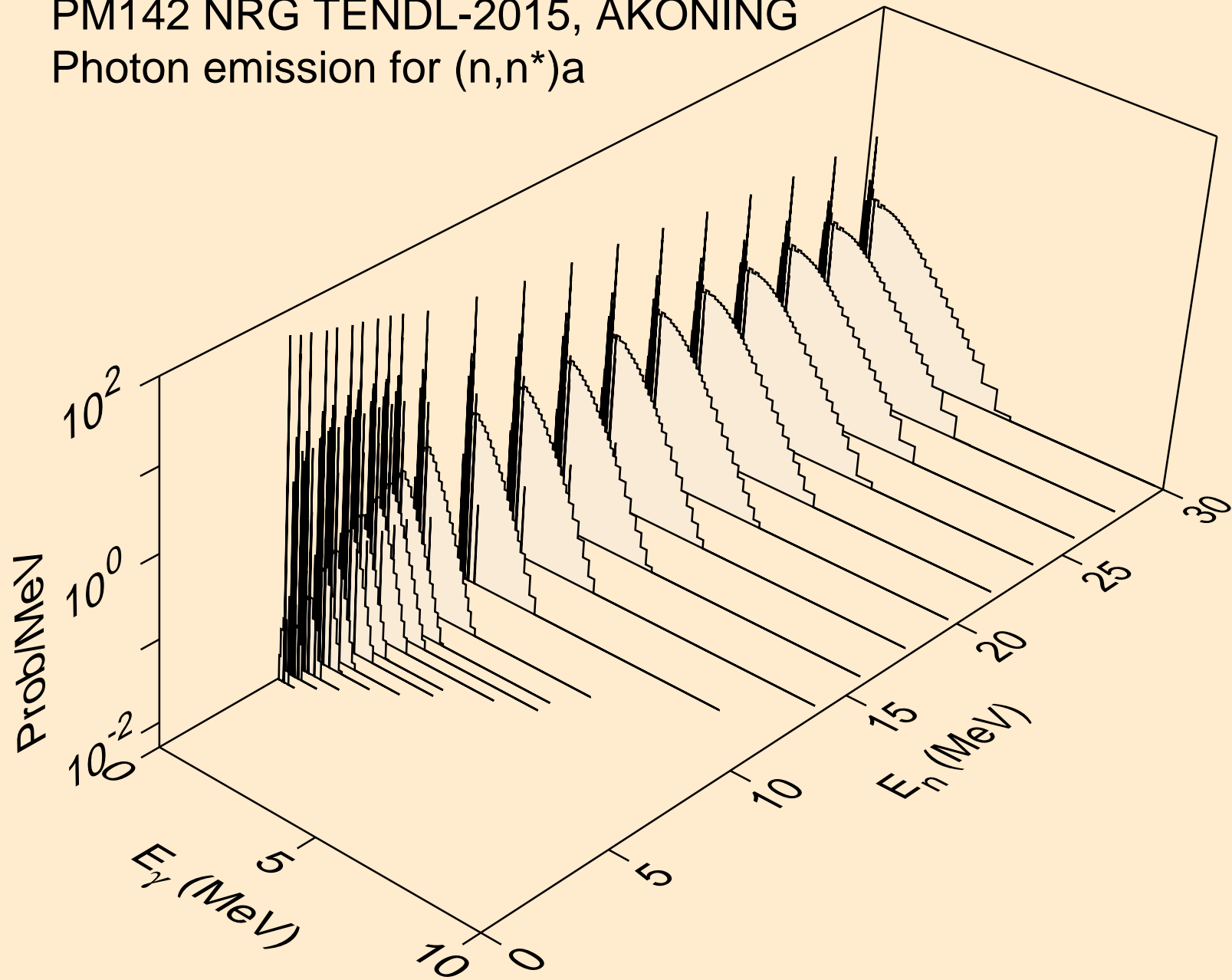
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

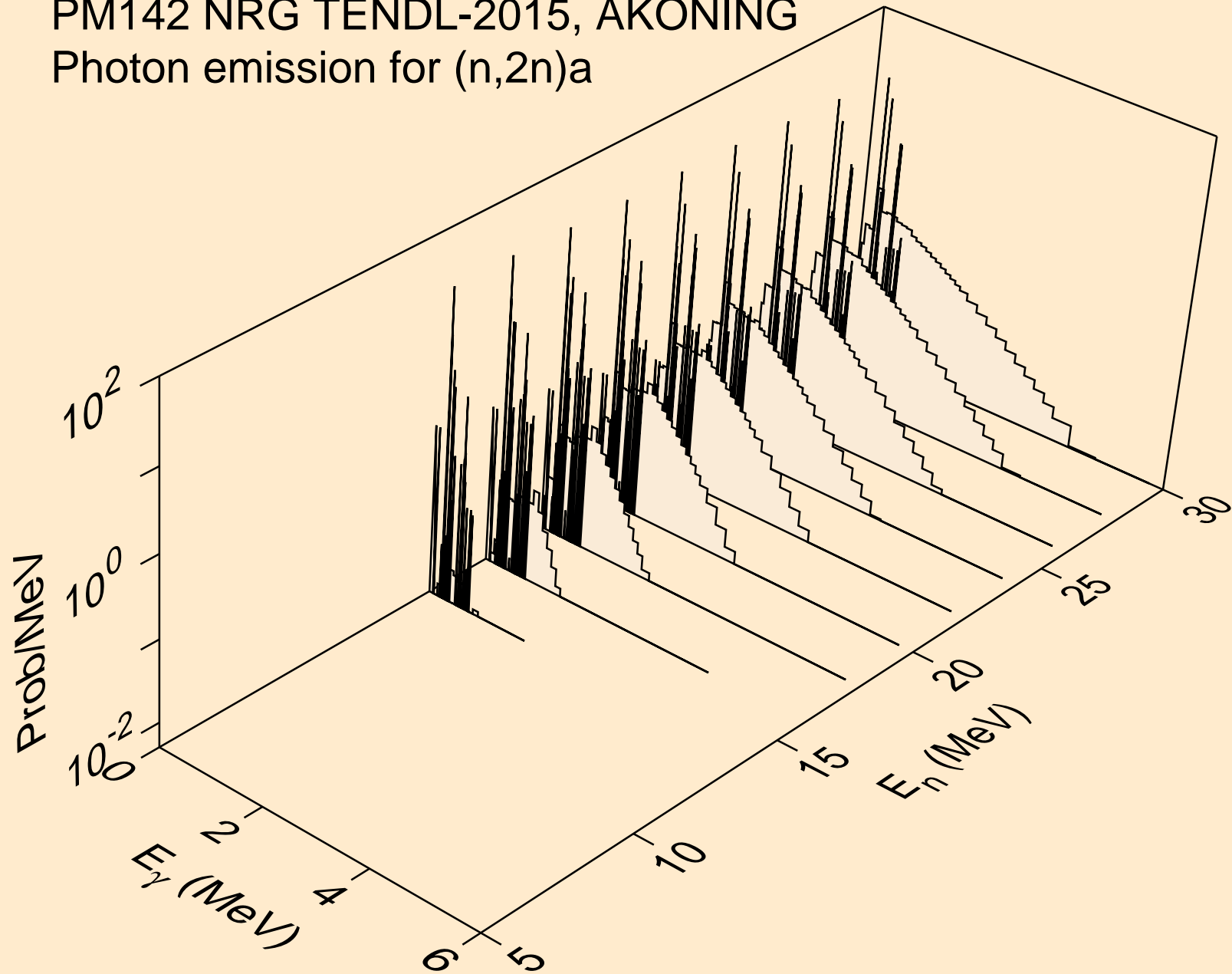


PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

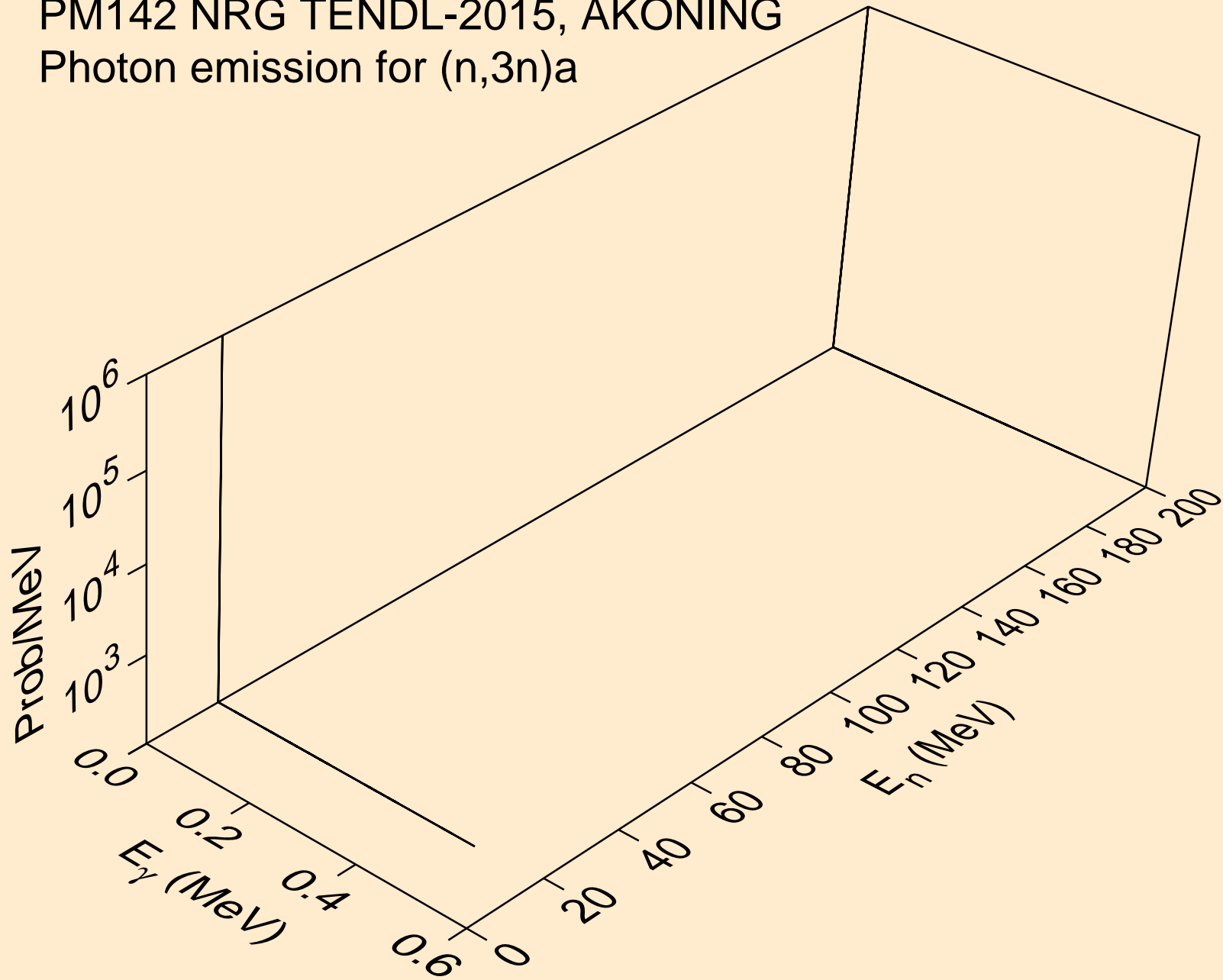




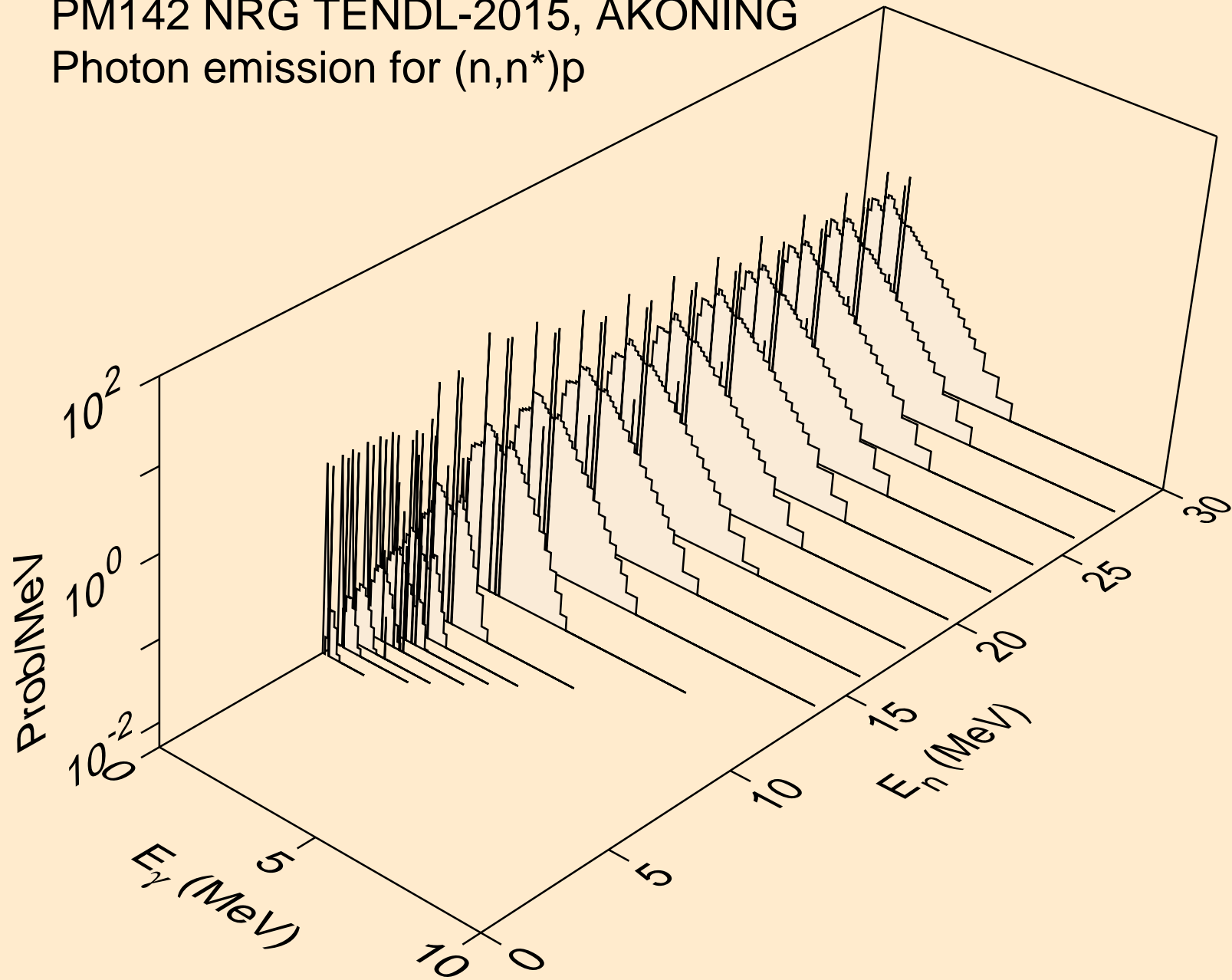
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



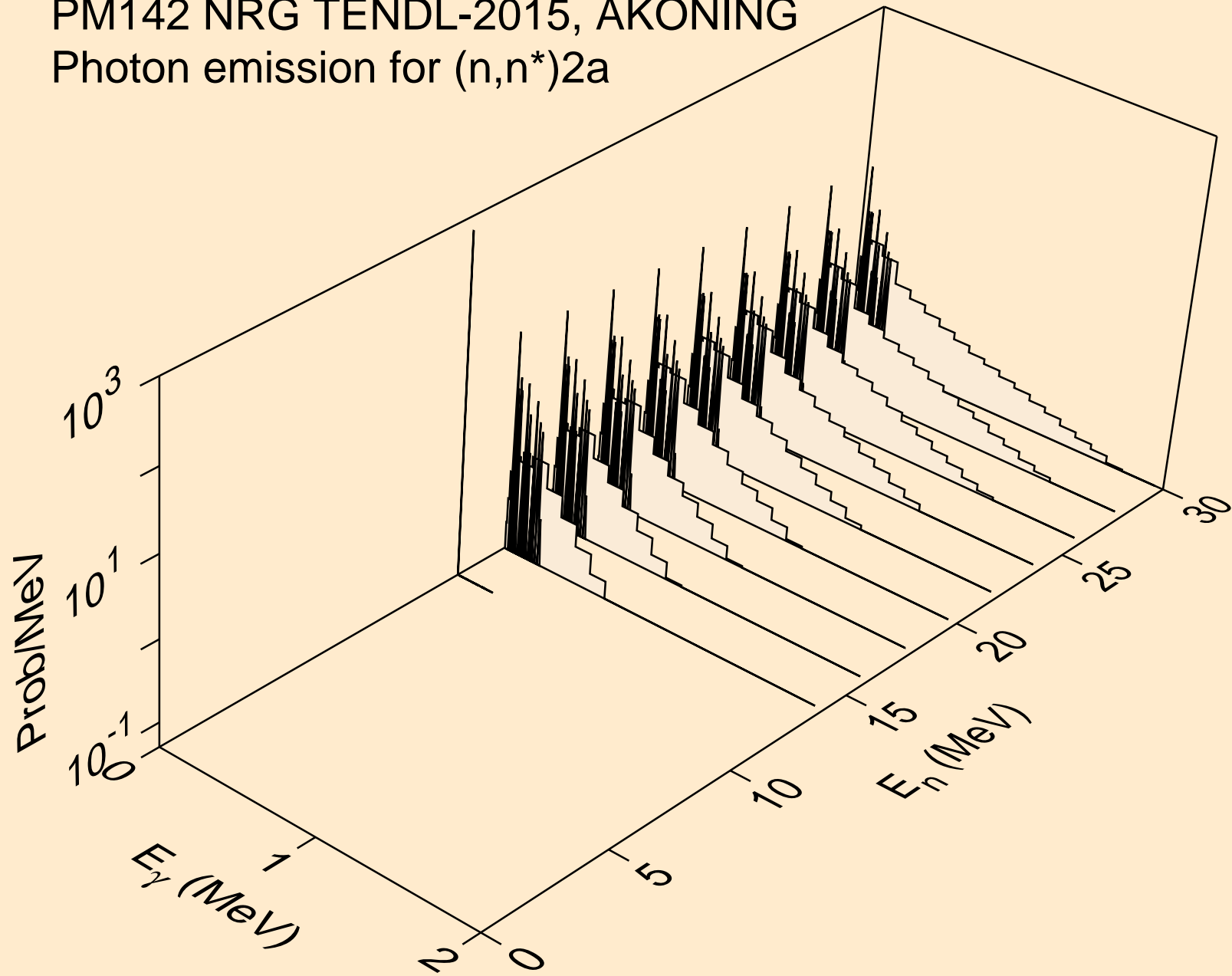
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



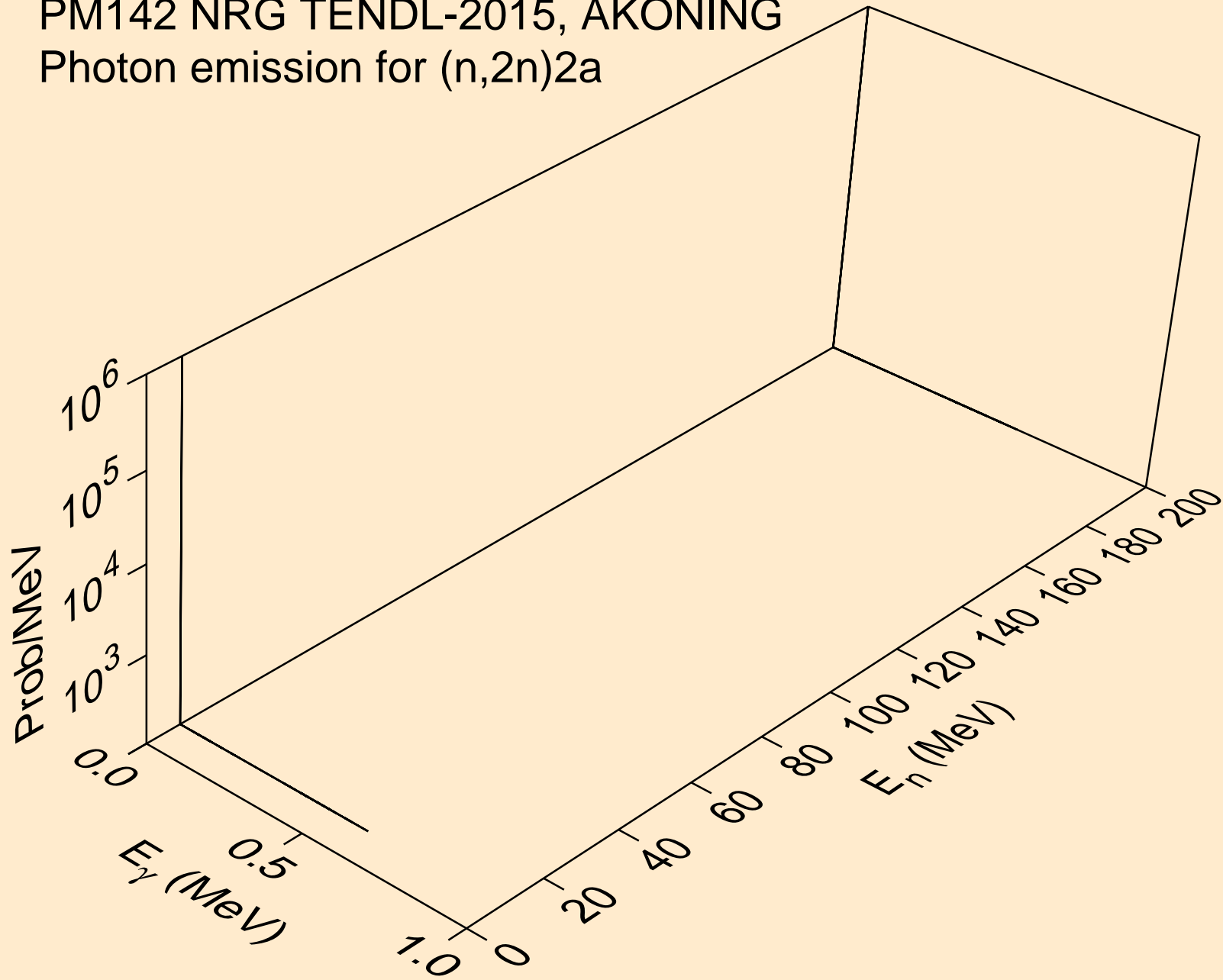
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



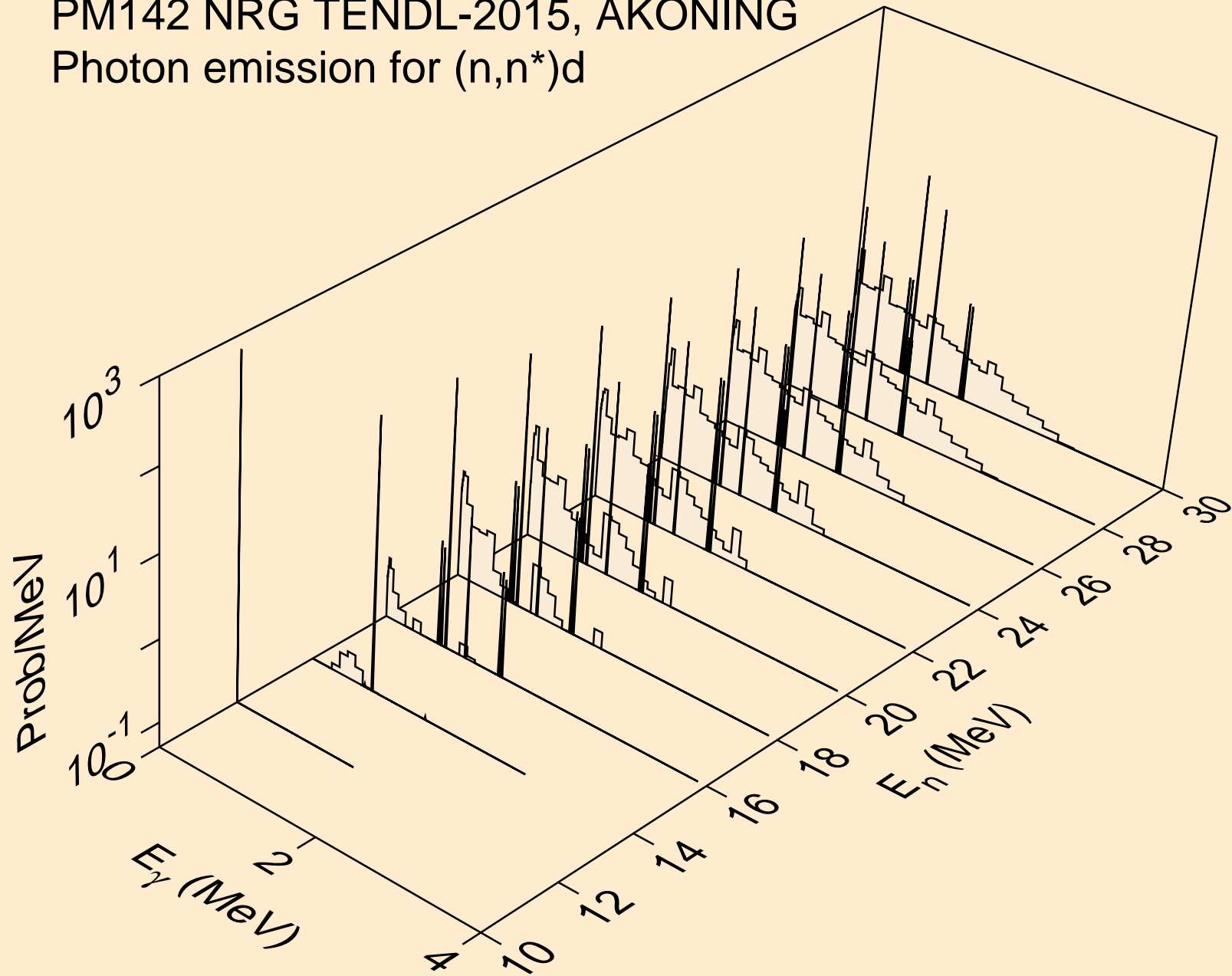
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



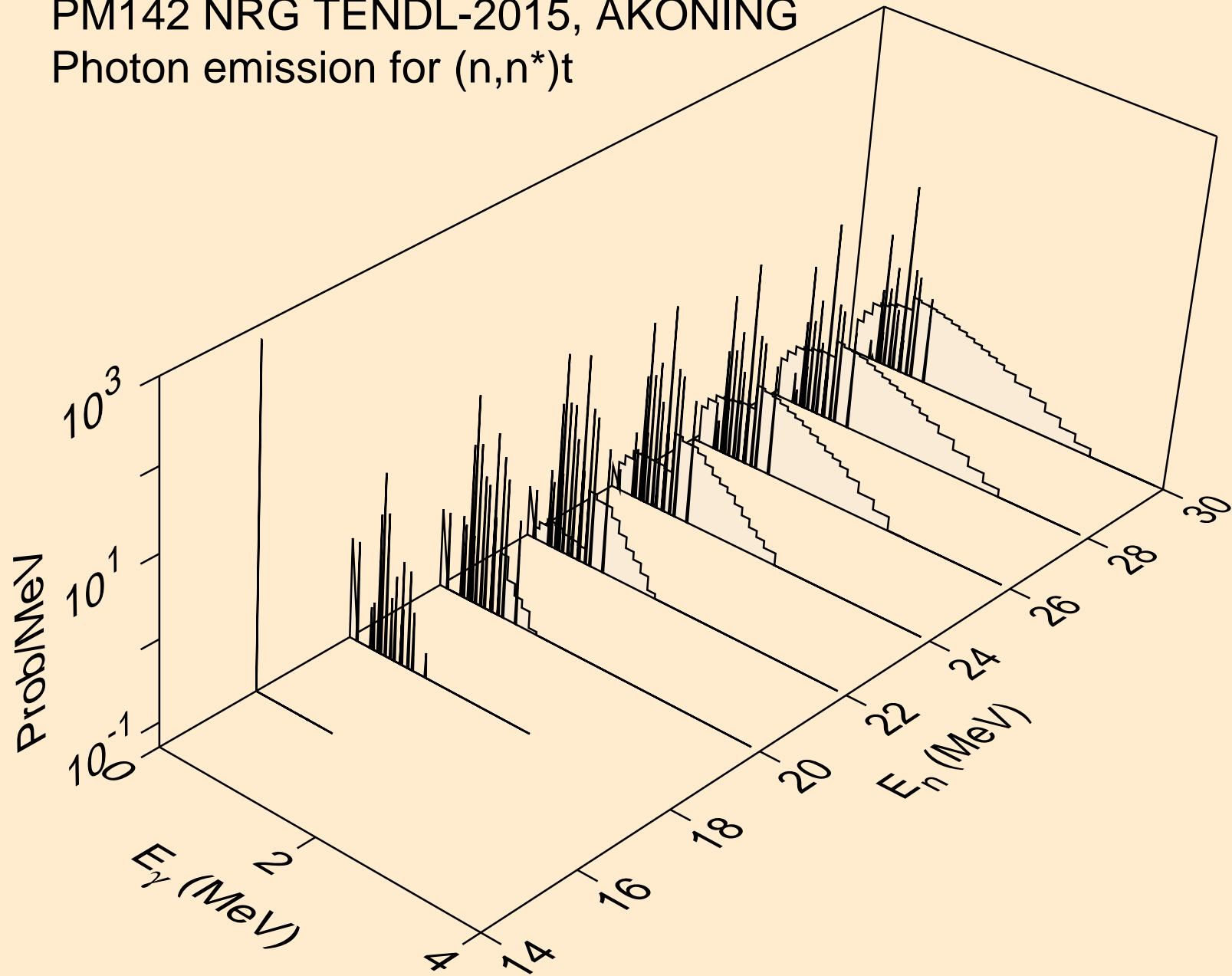
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



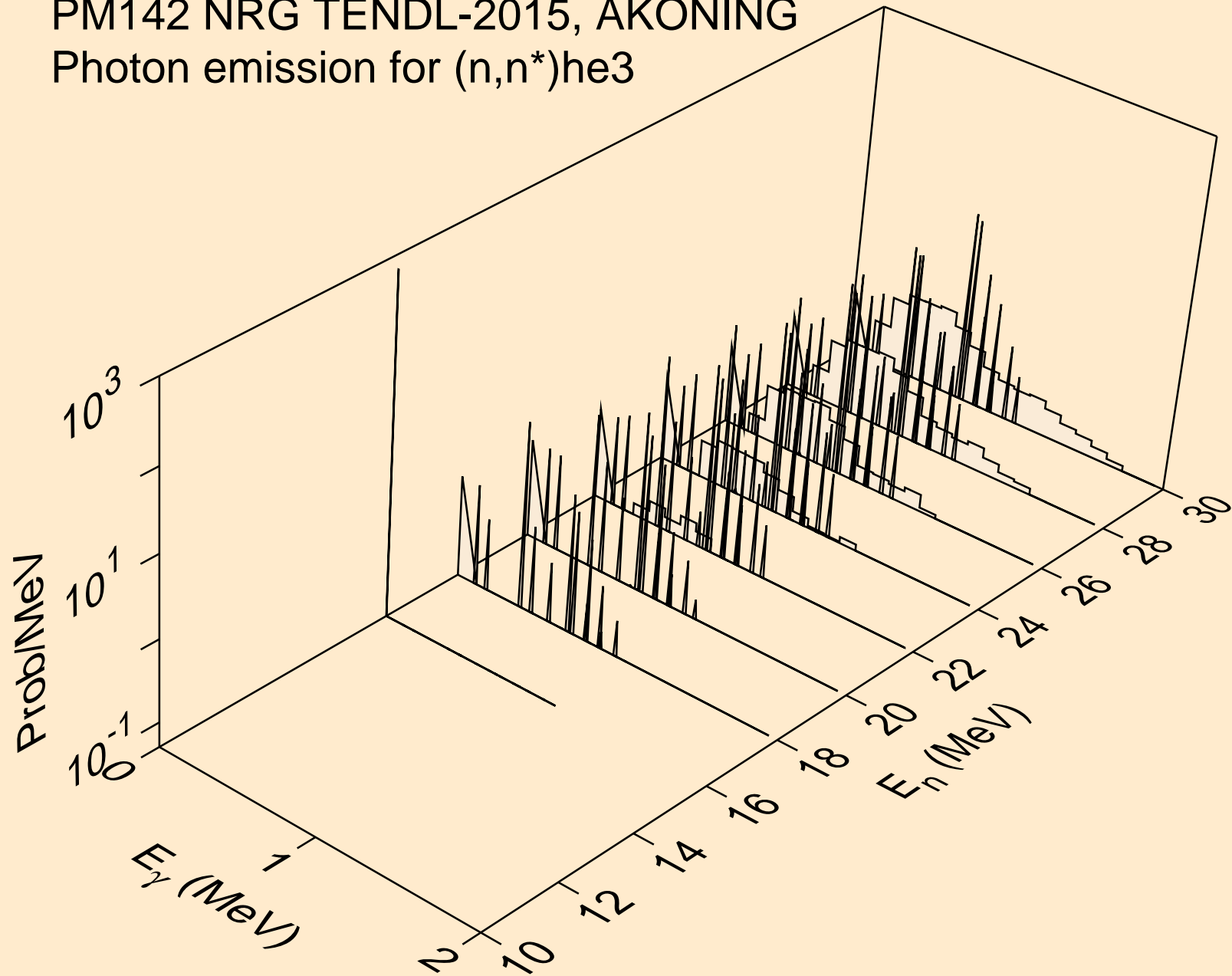
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

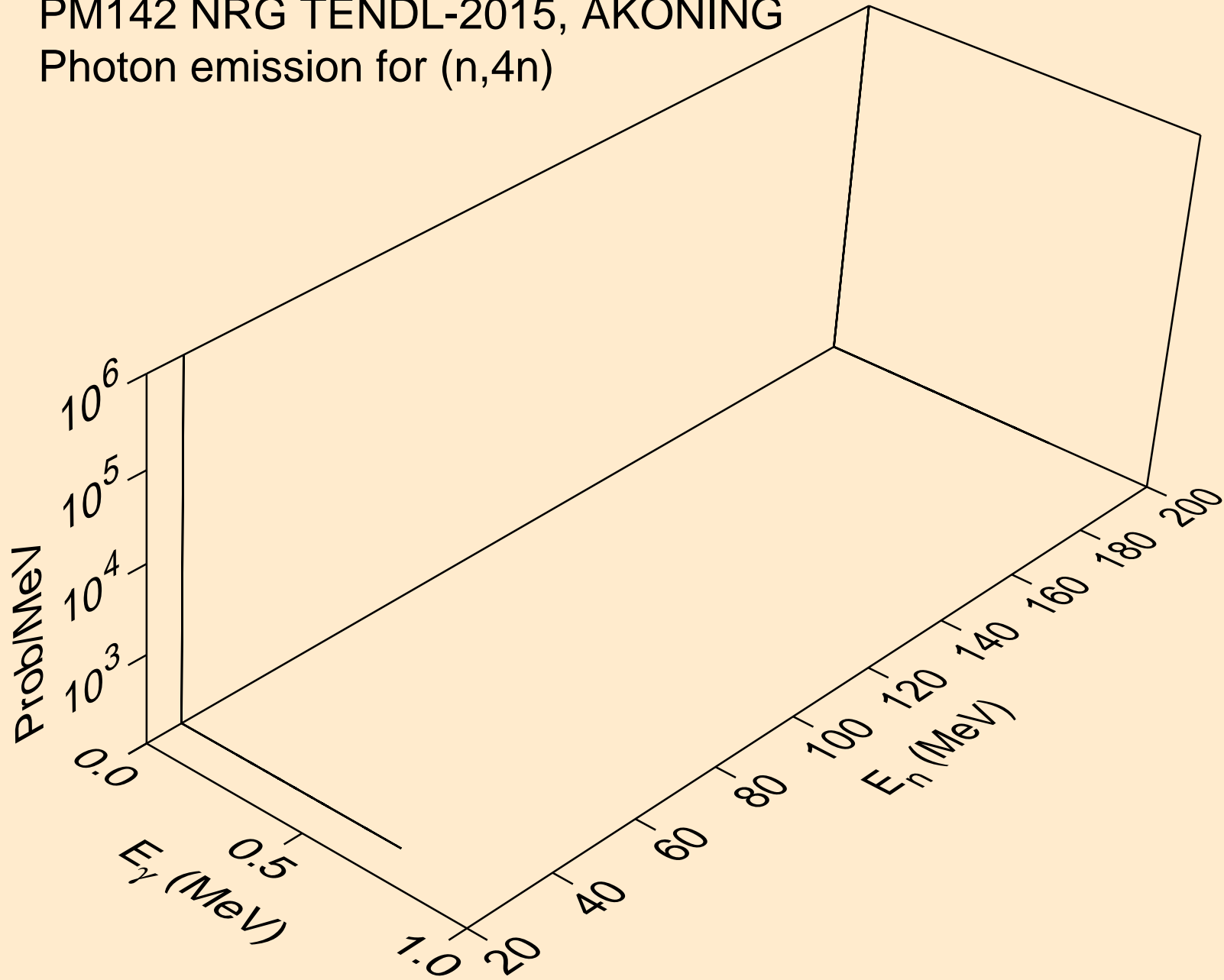


PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

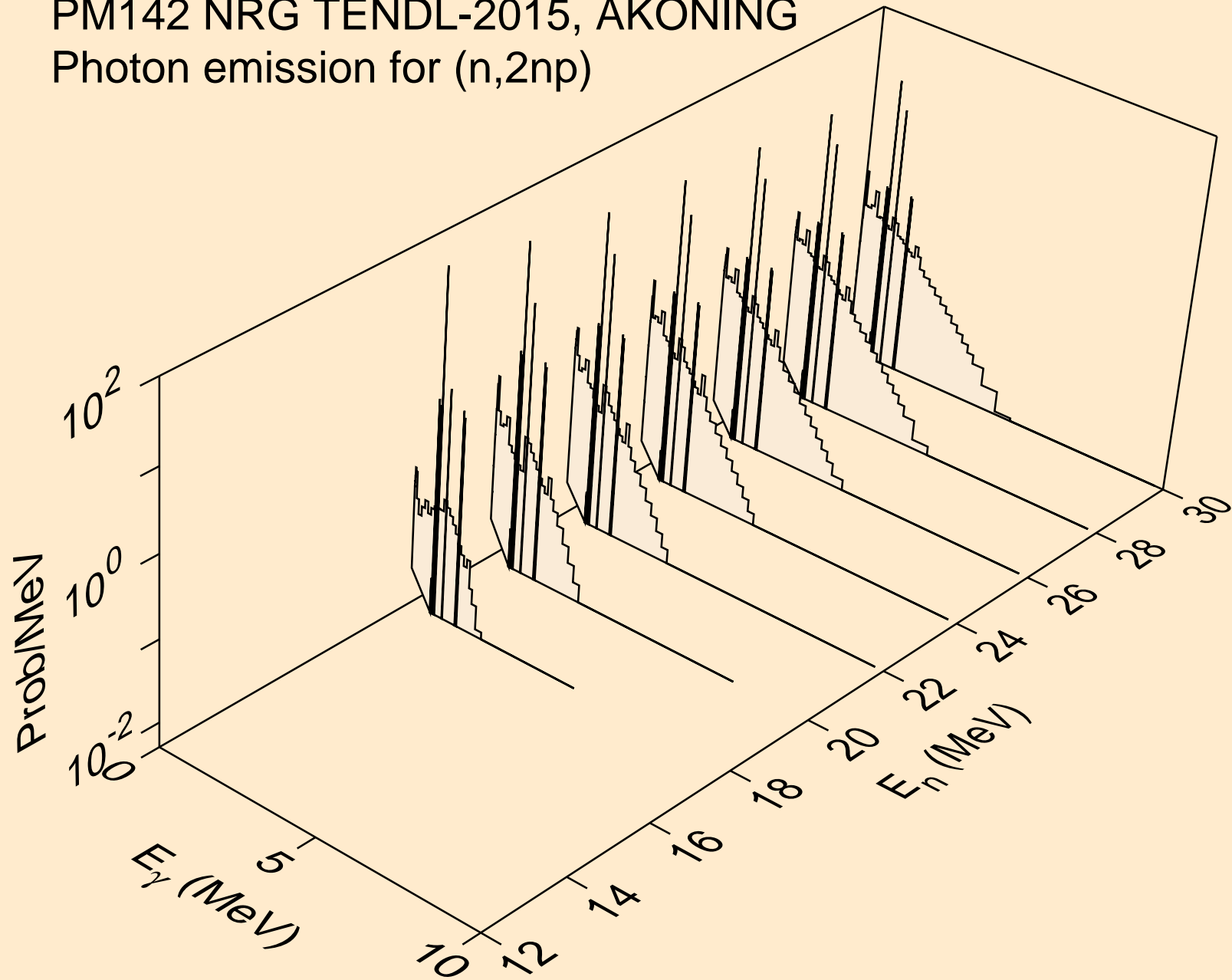




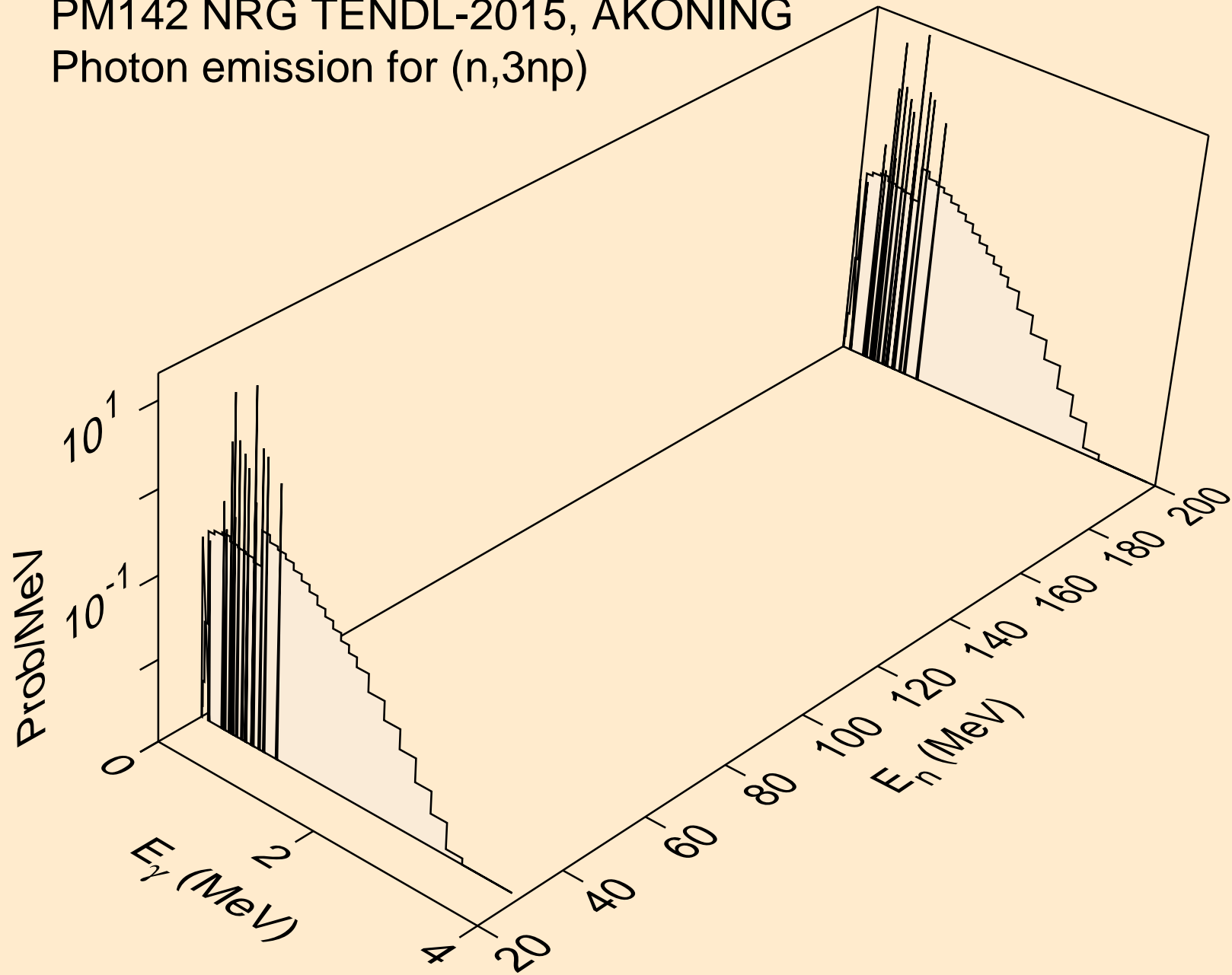
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



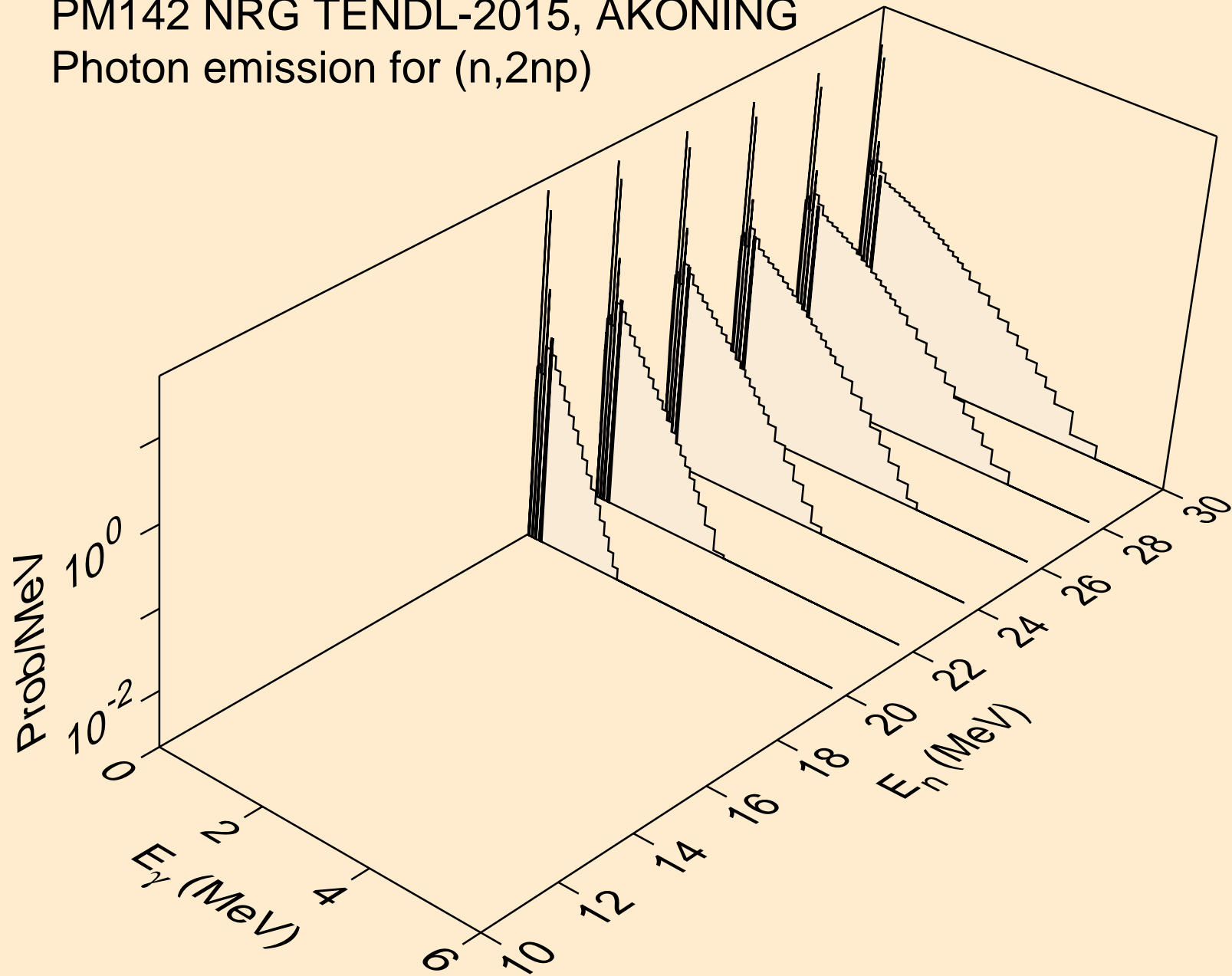
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



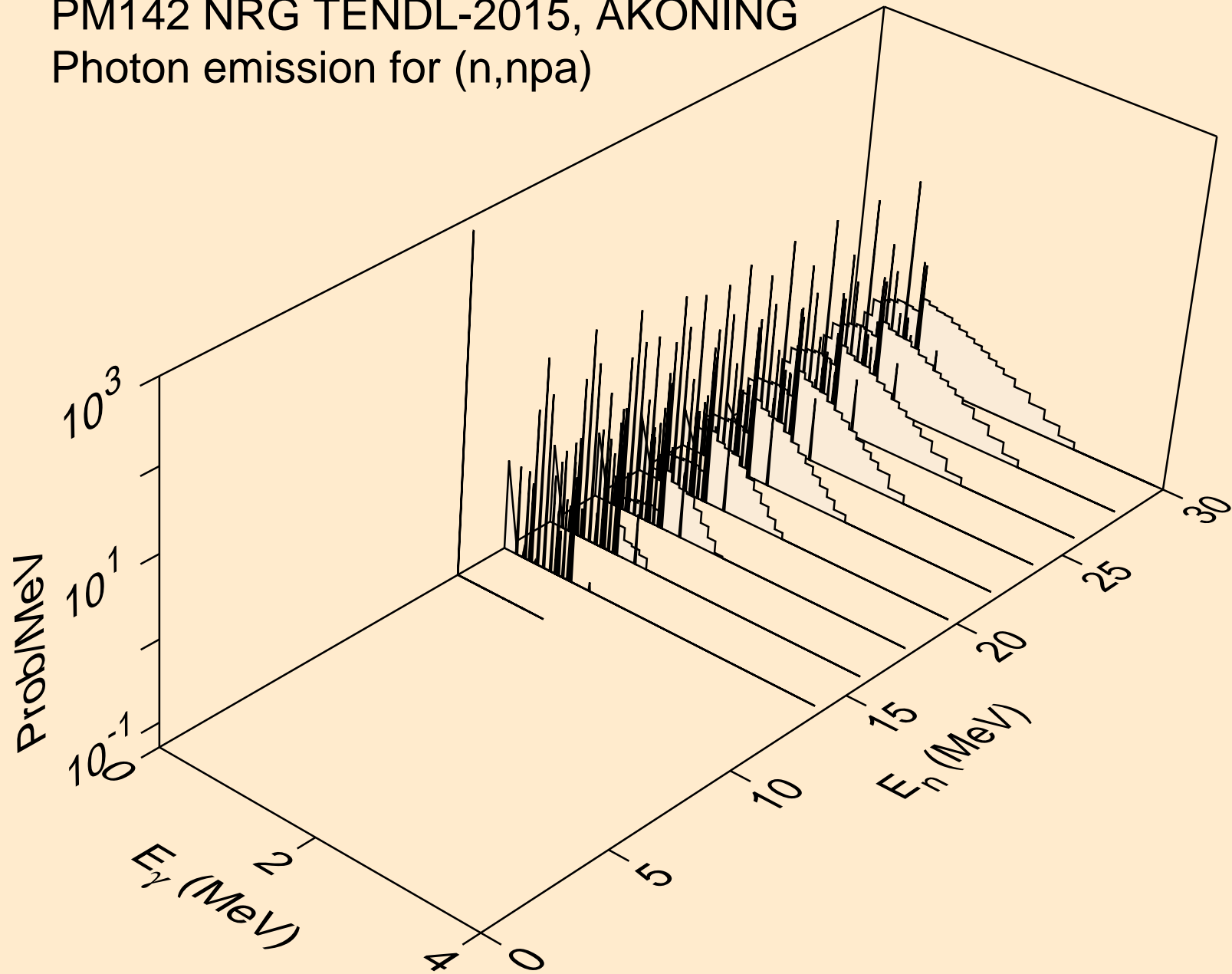
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



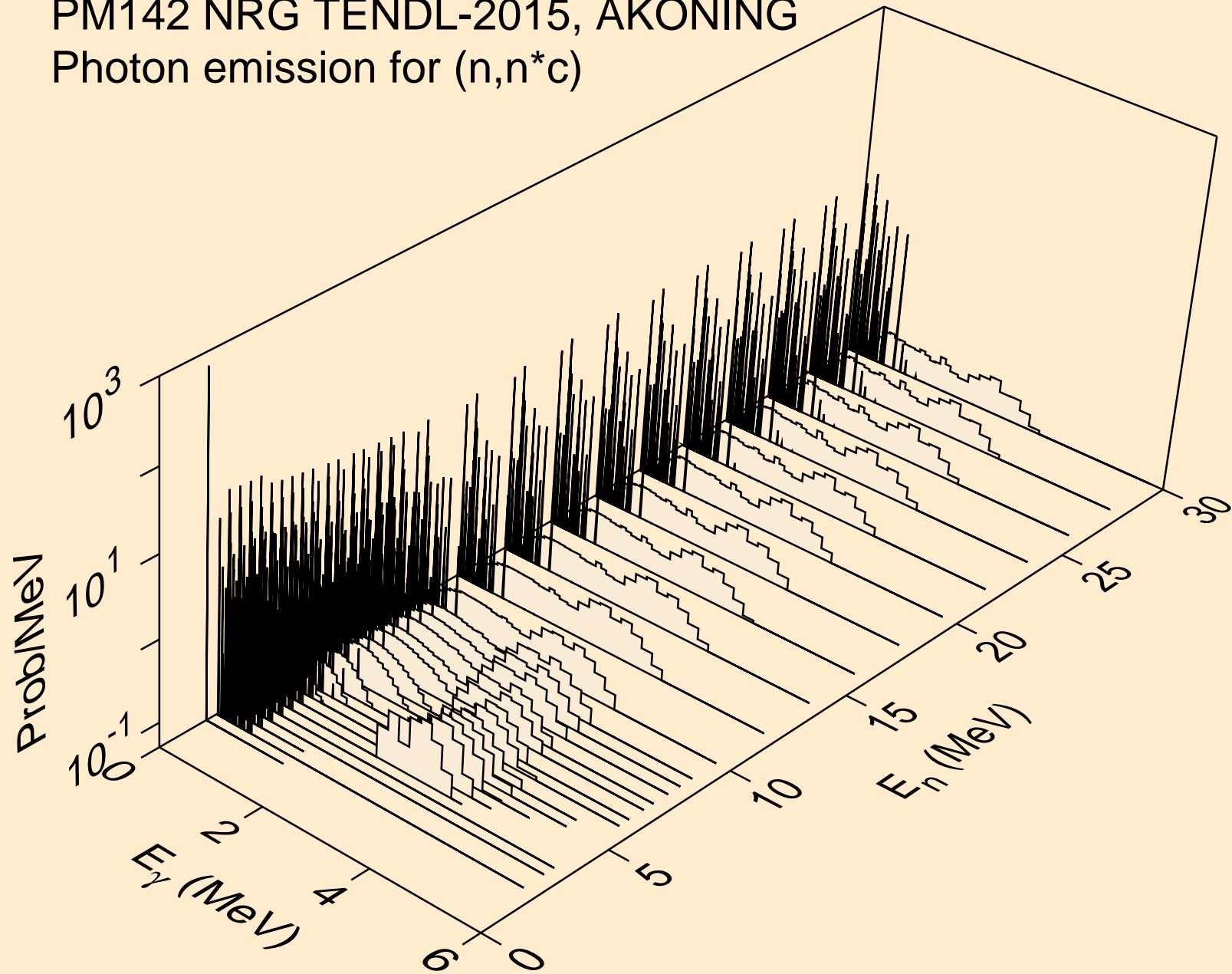
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



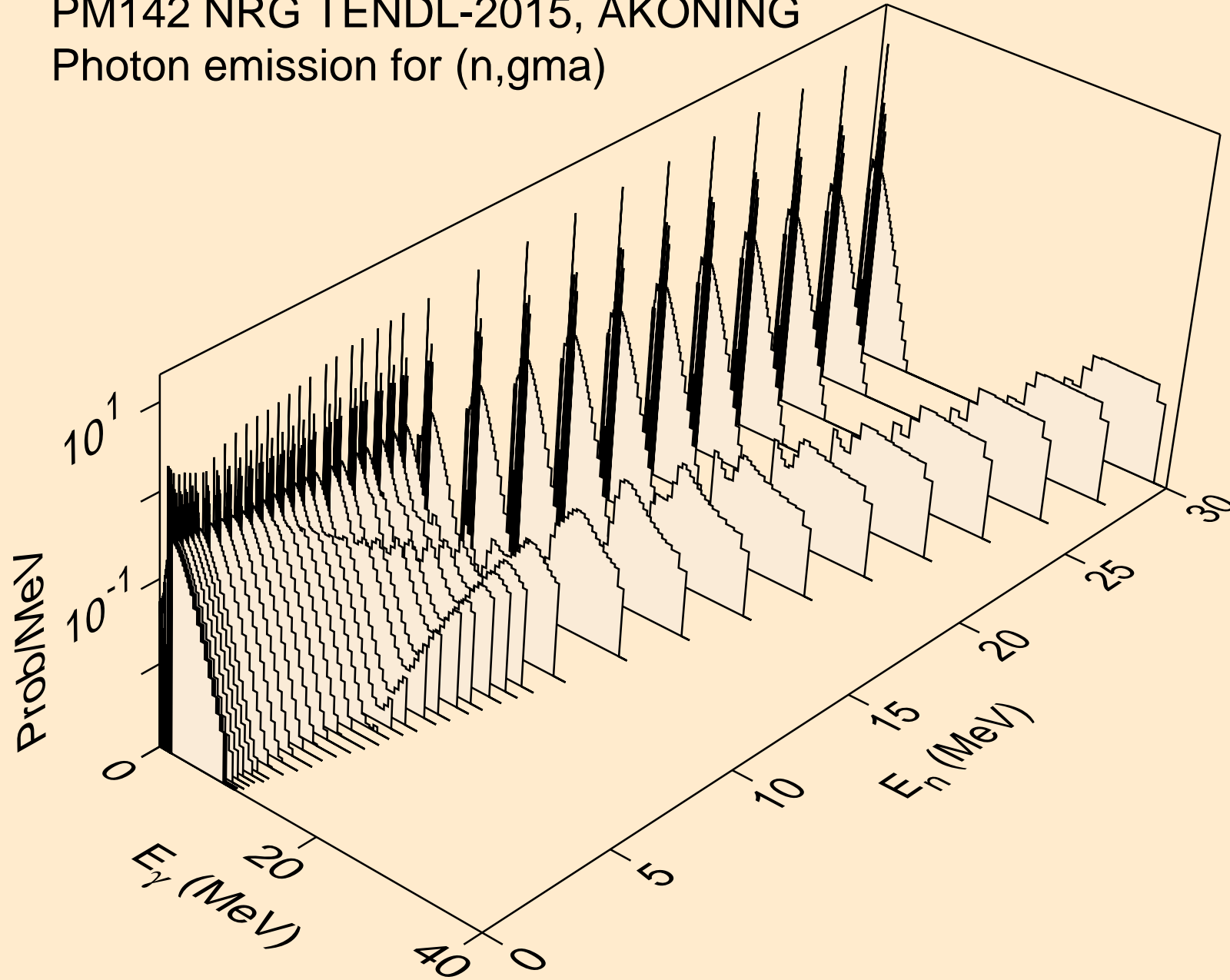
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



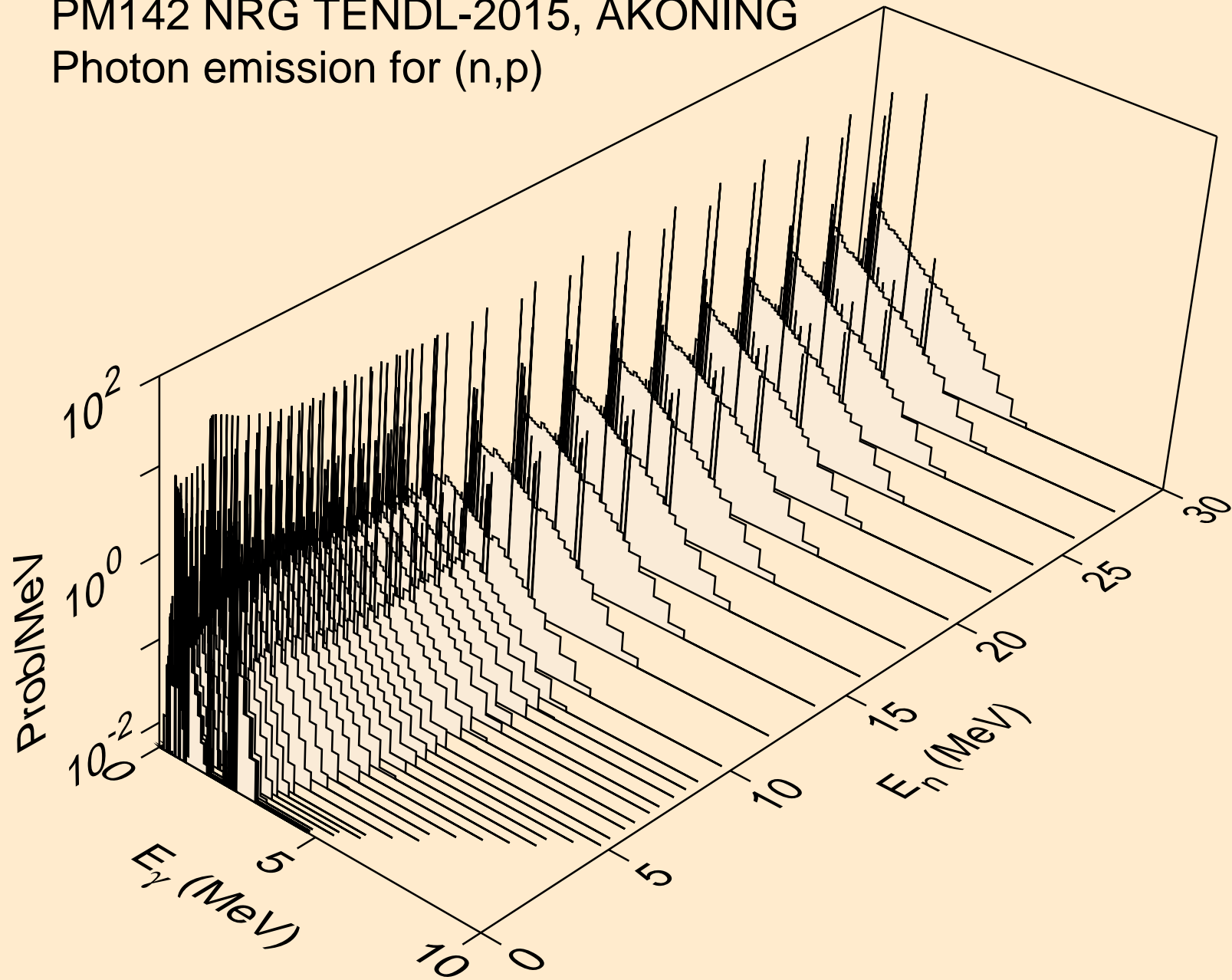
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

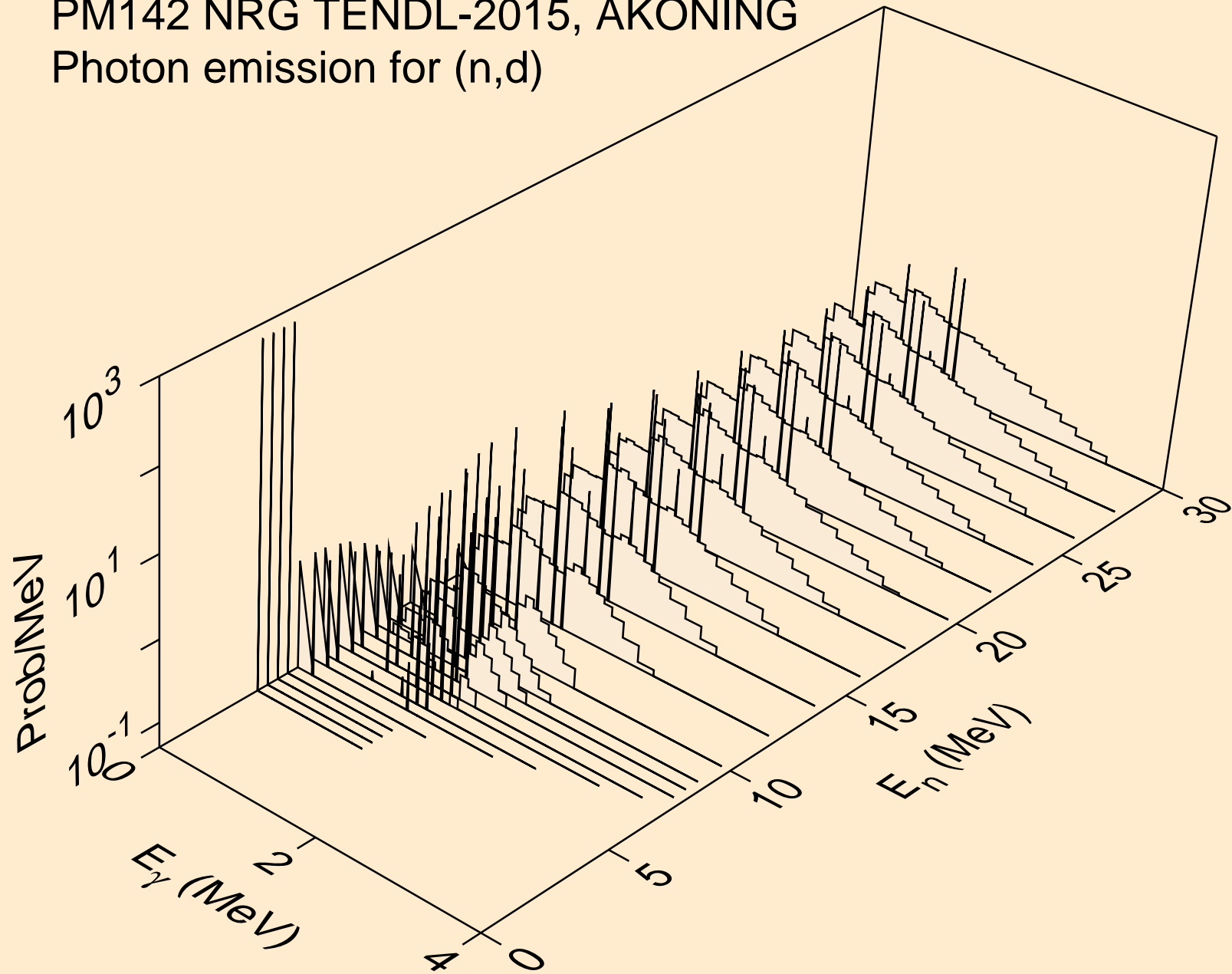


PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

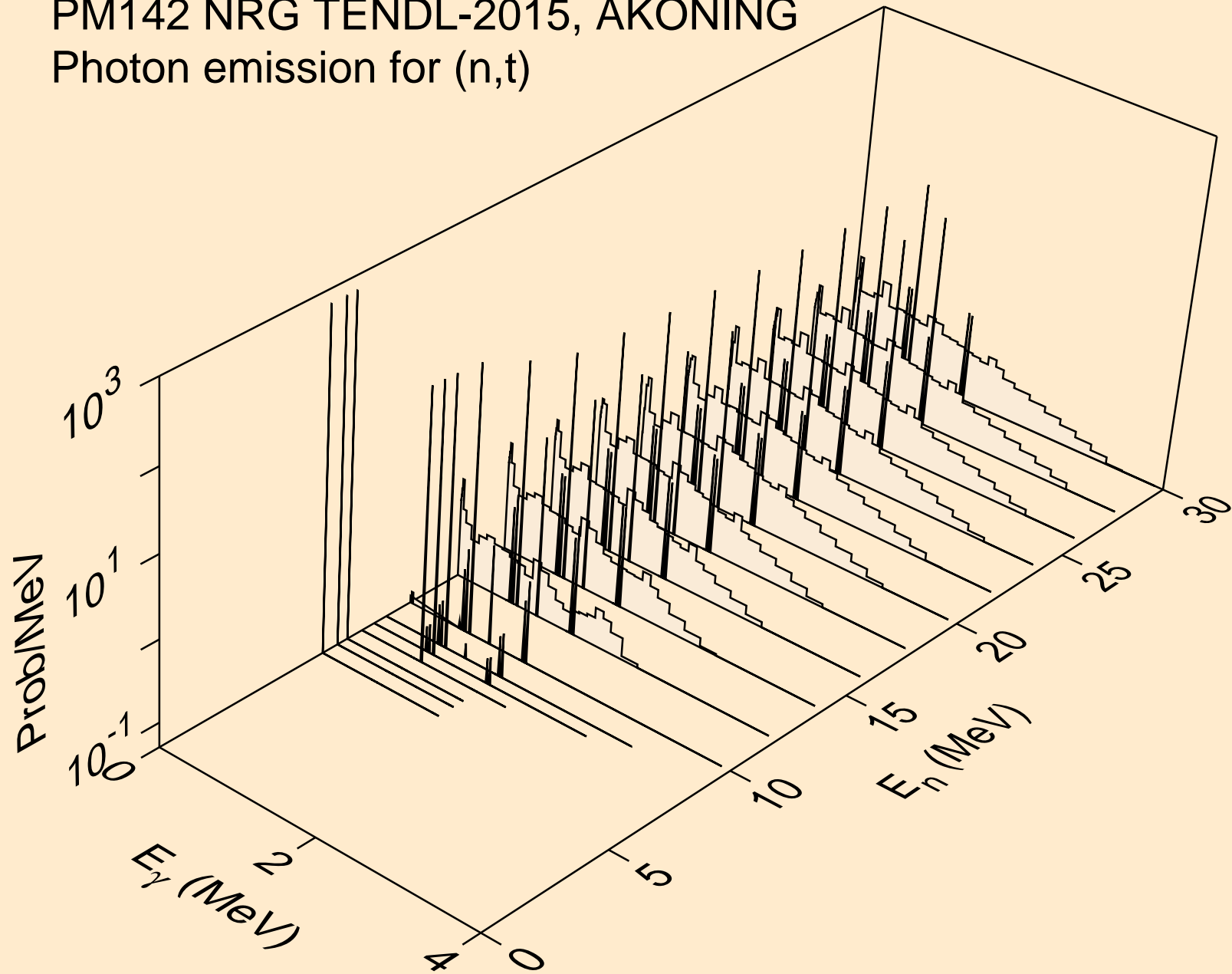




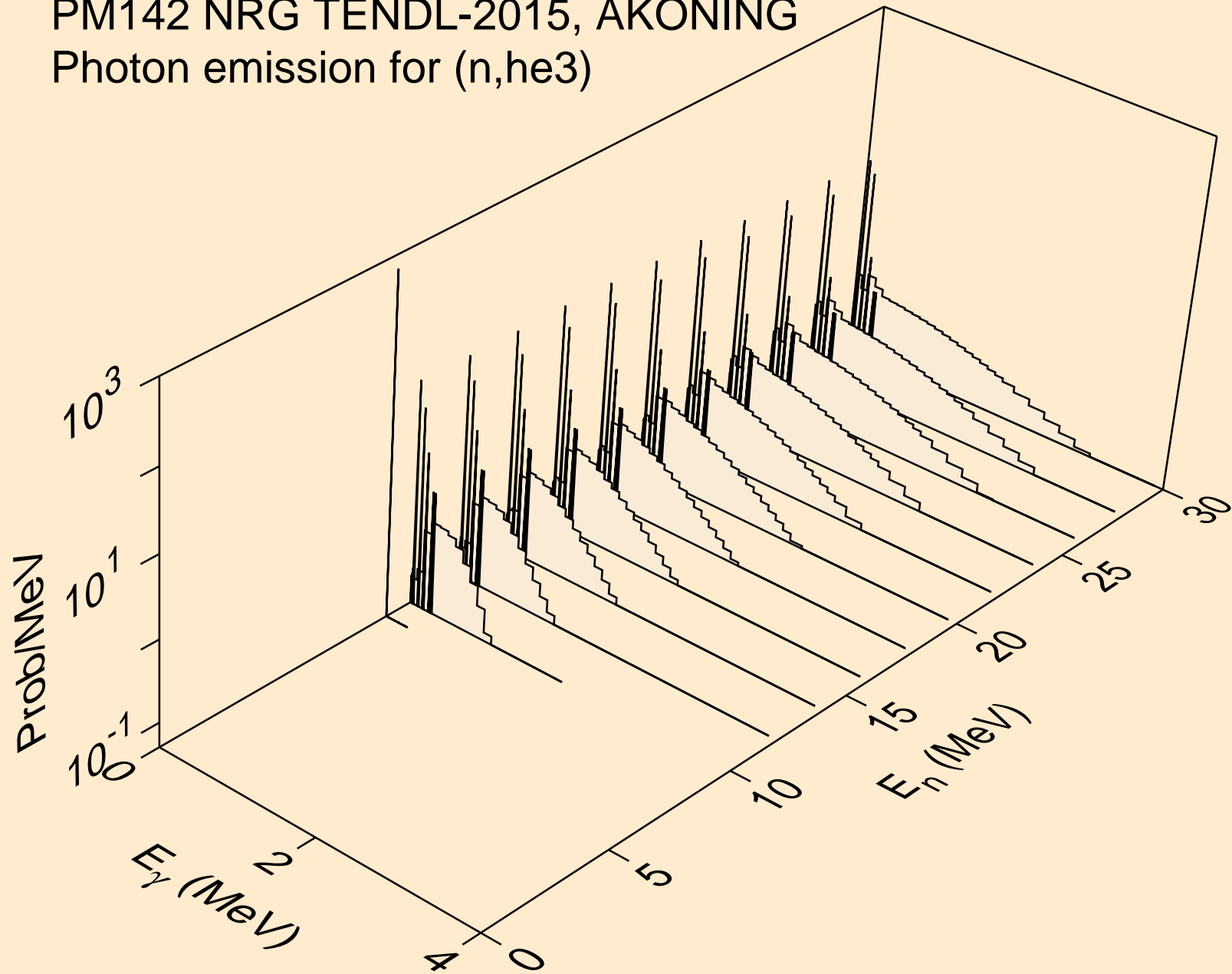
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



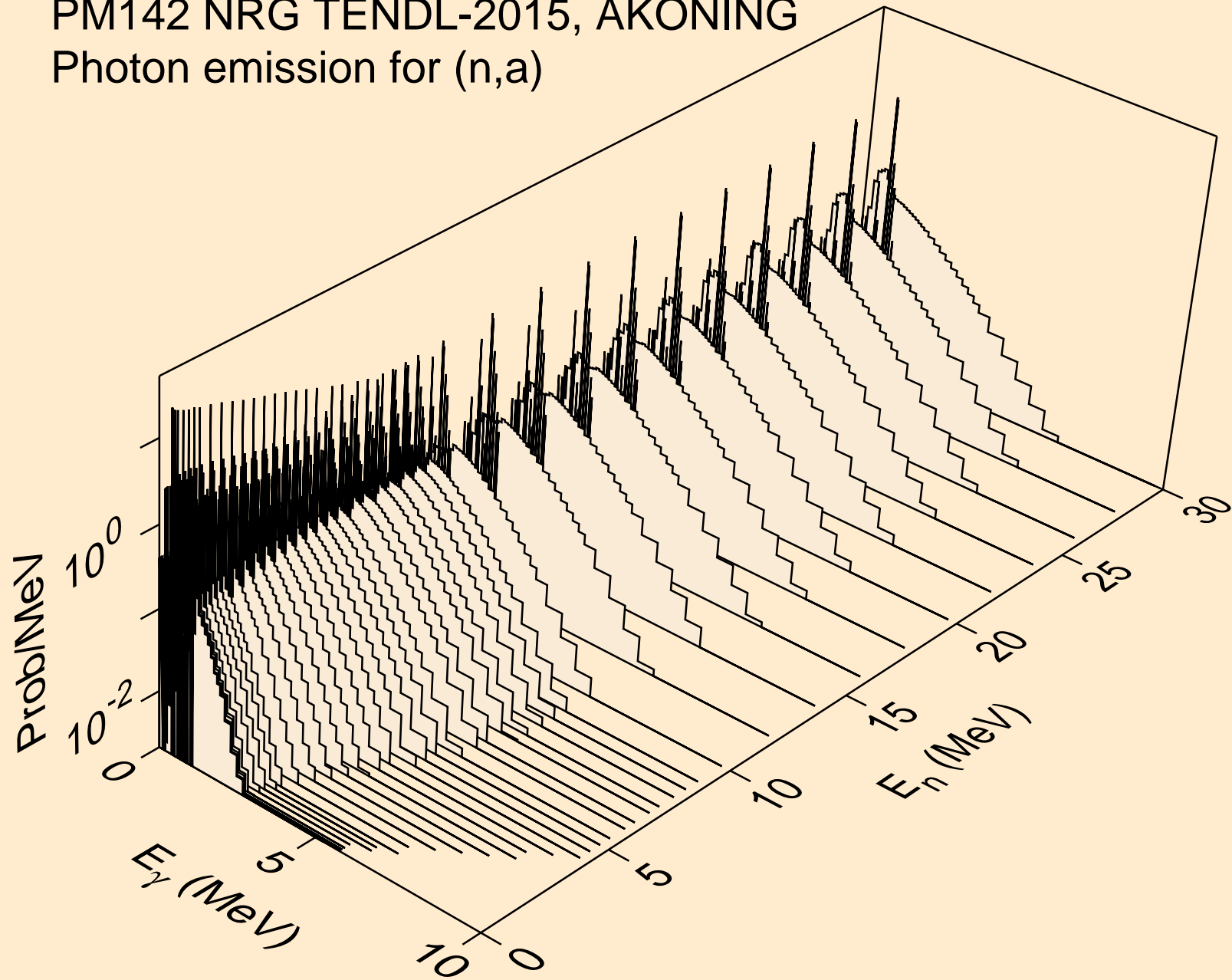
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



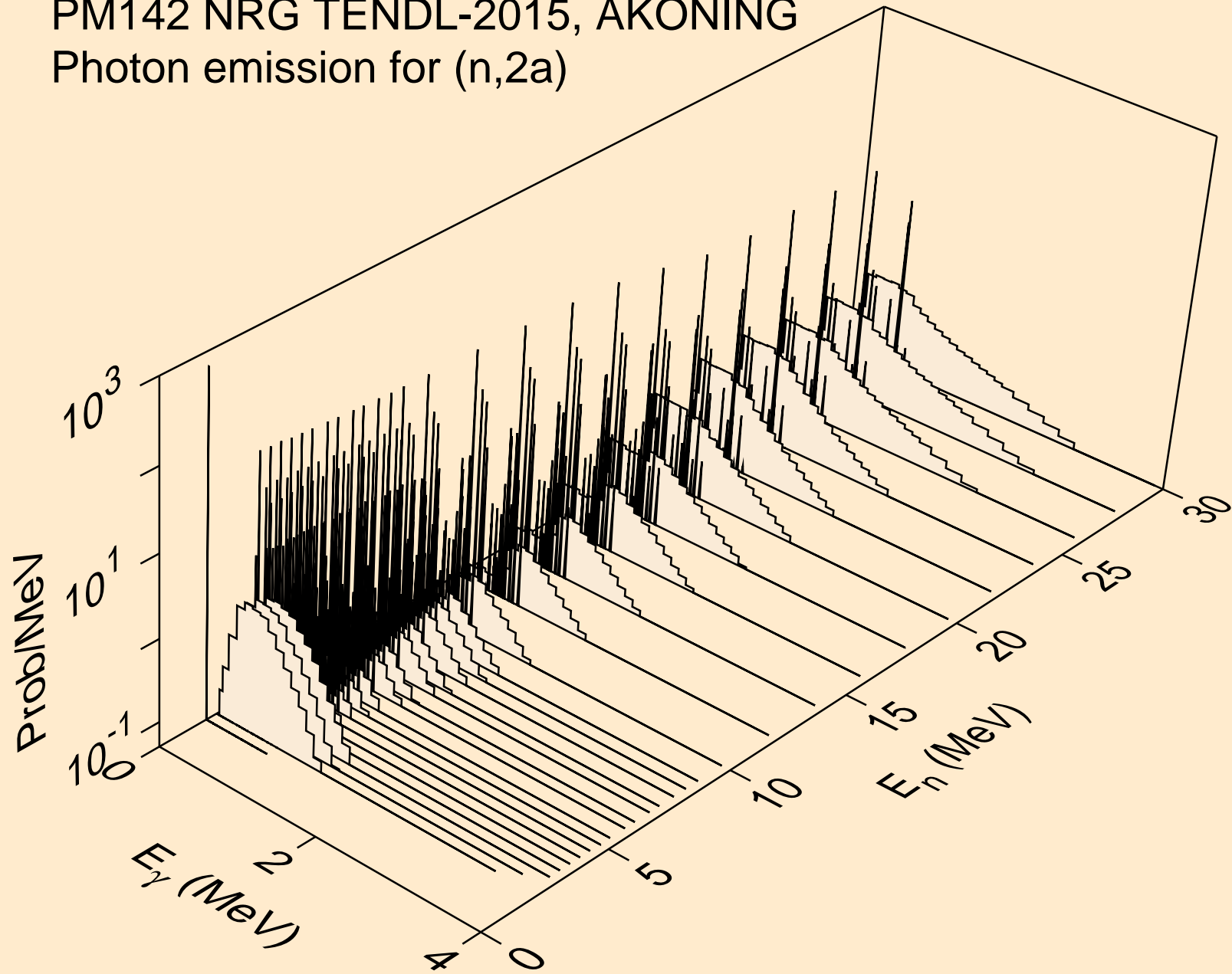
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



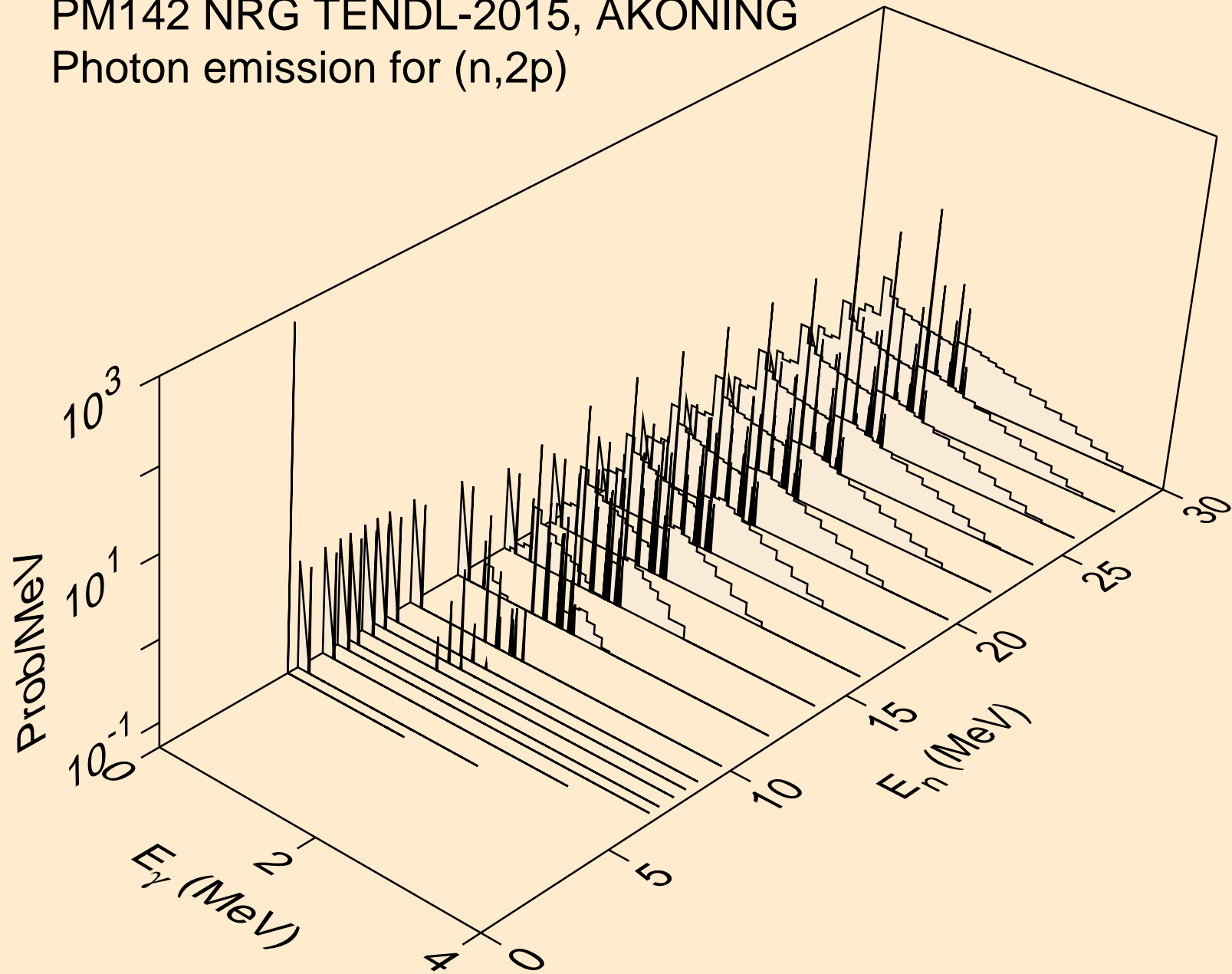
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



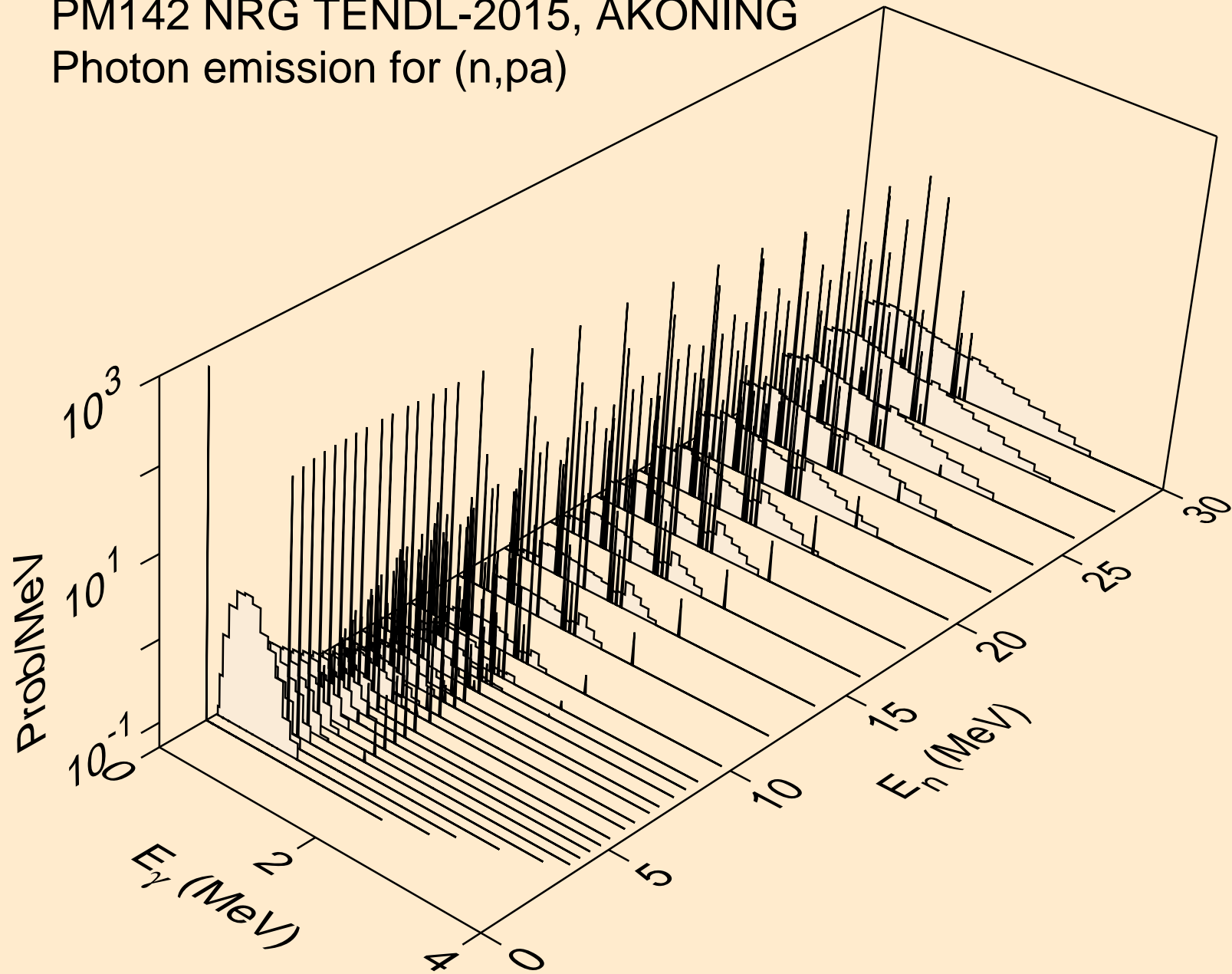
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



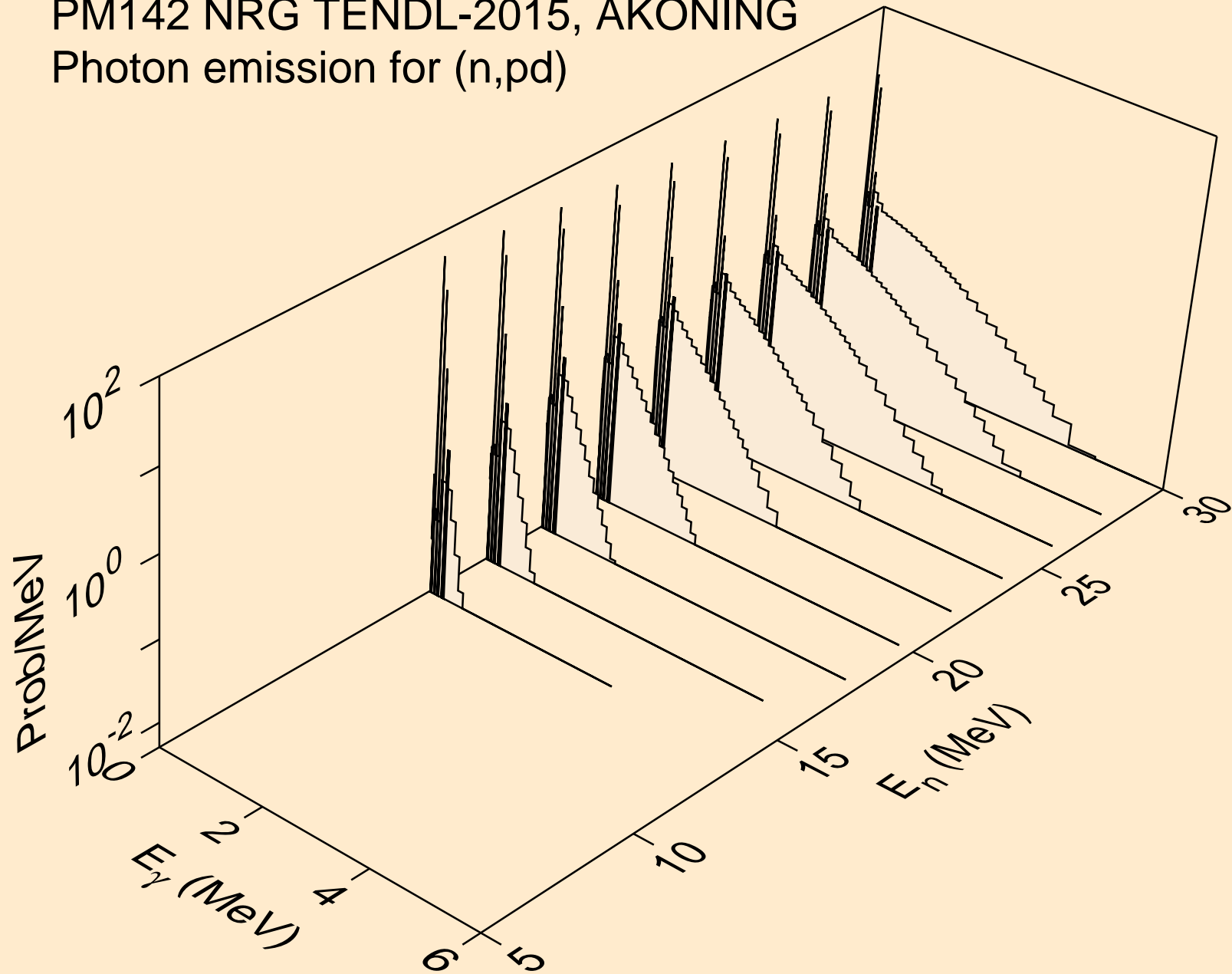
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

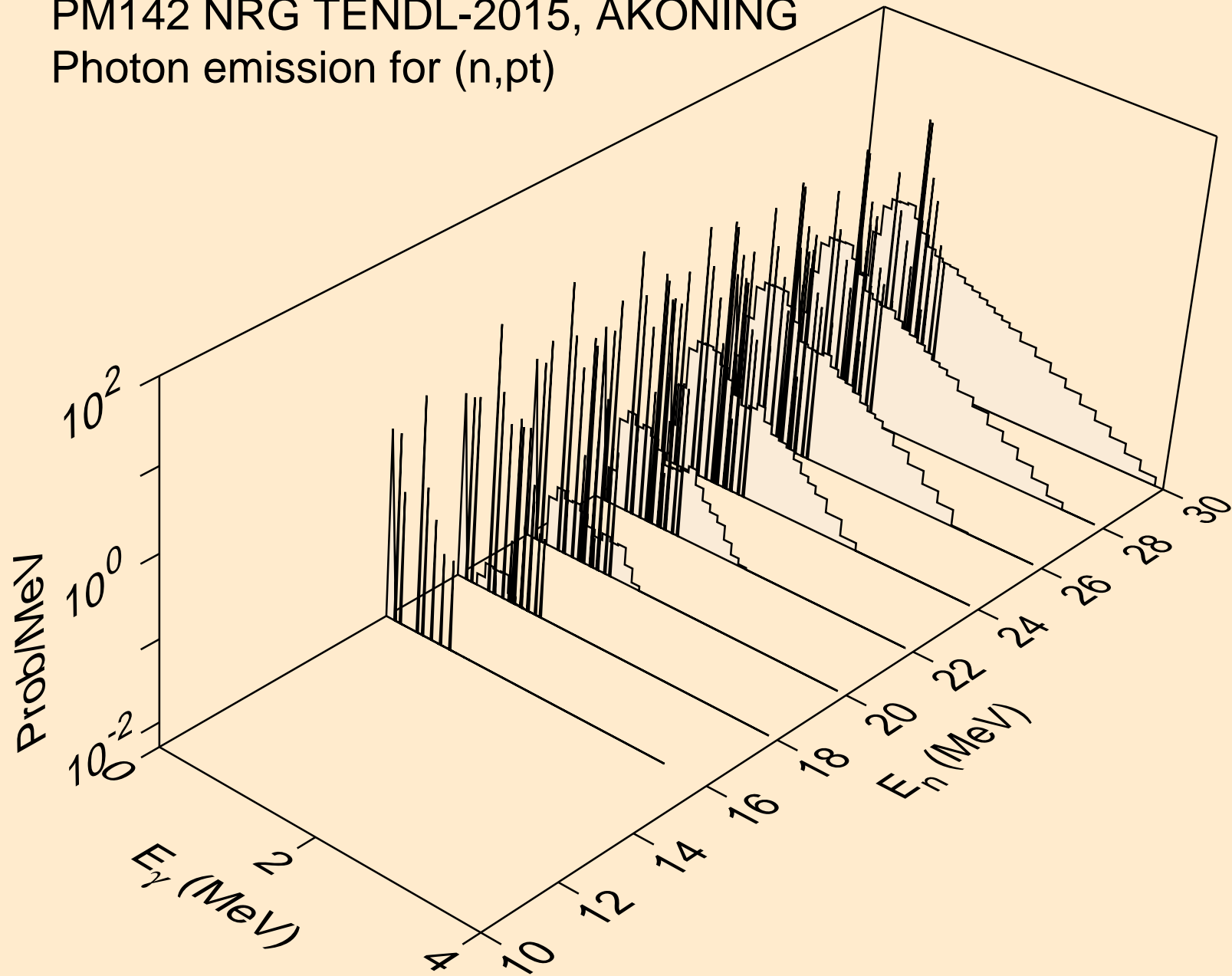


PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

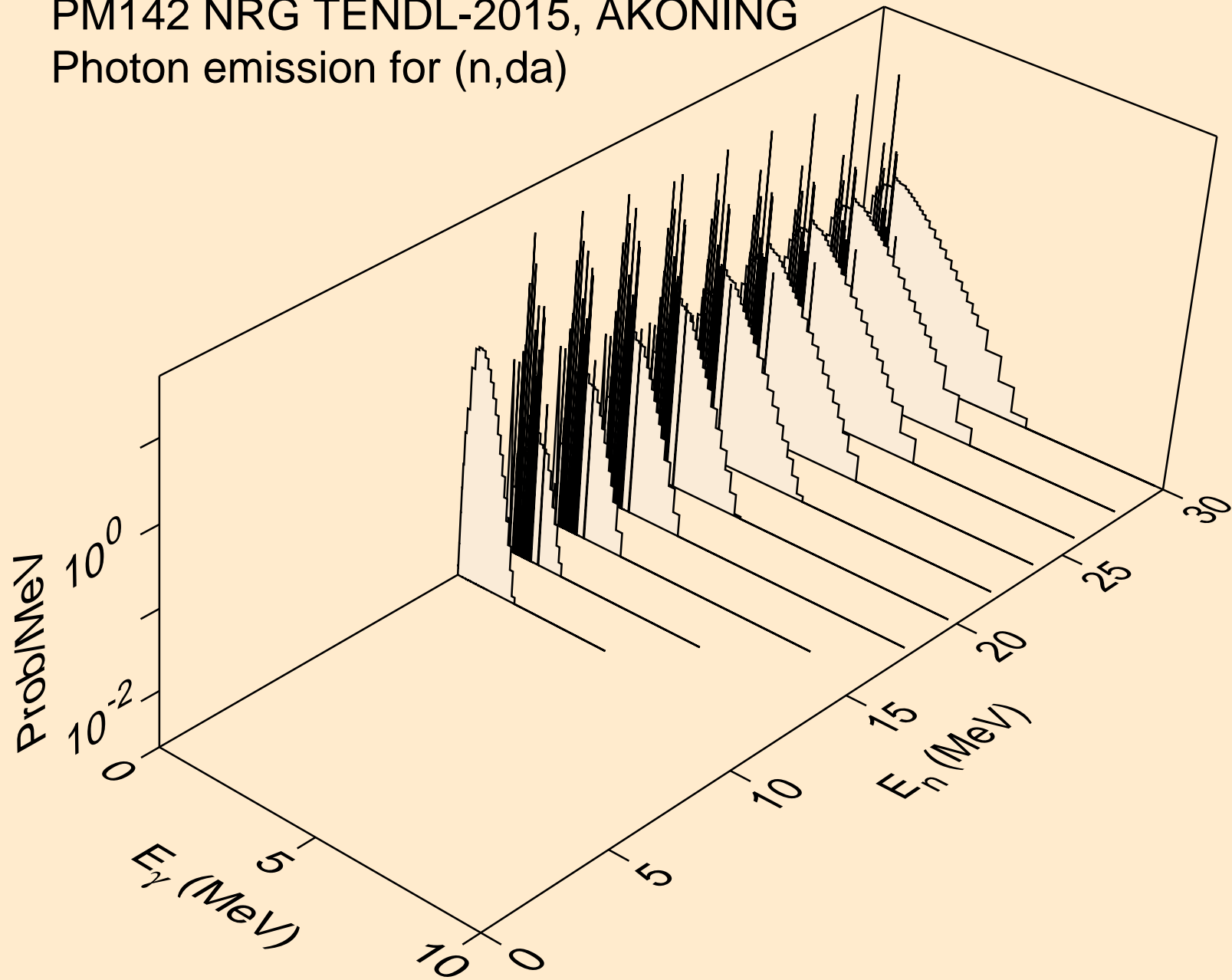




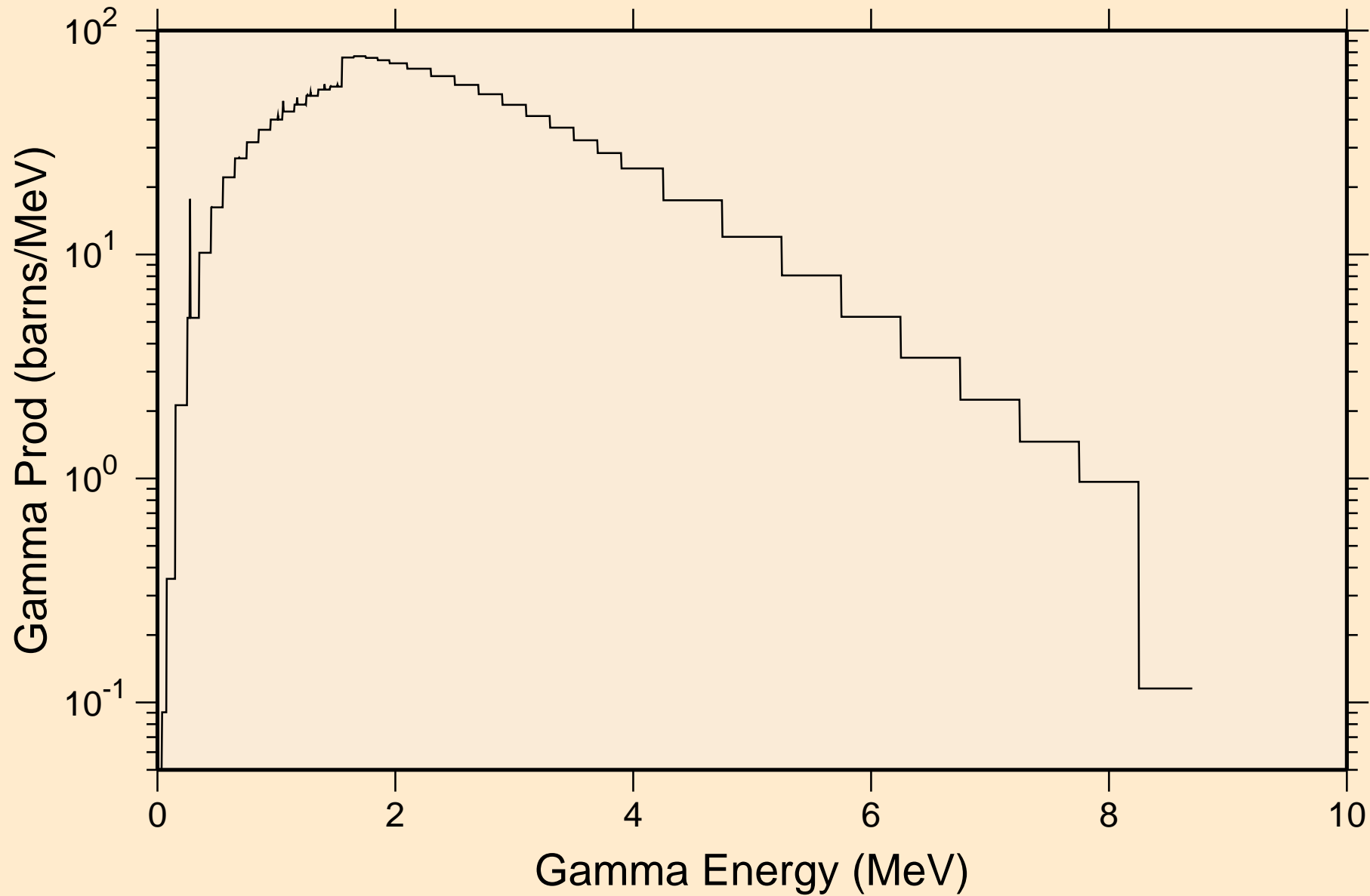
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



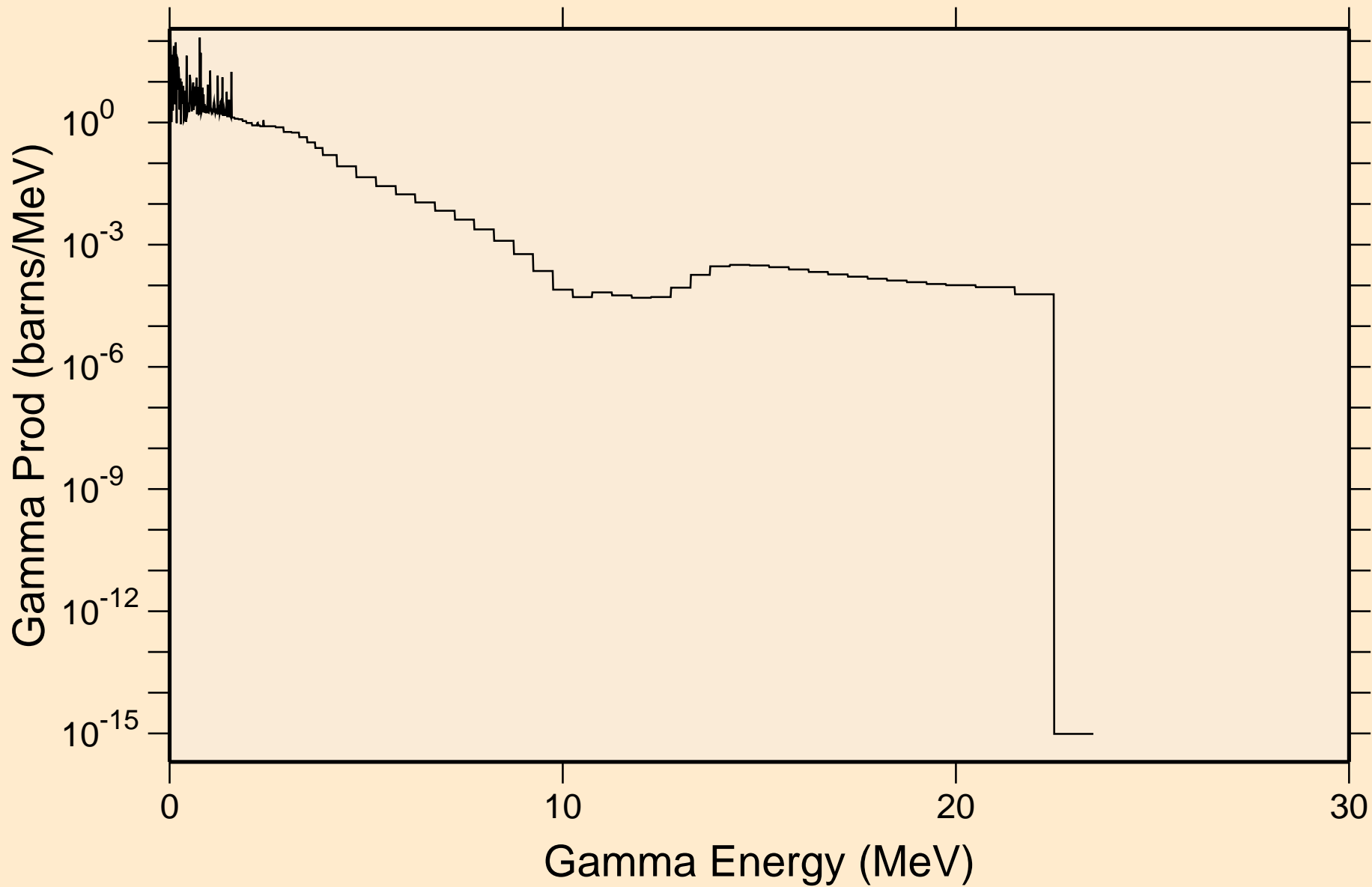
PM142 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PM142 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

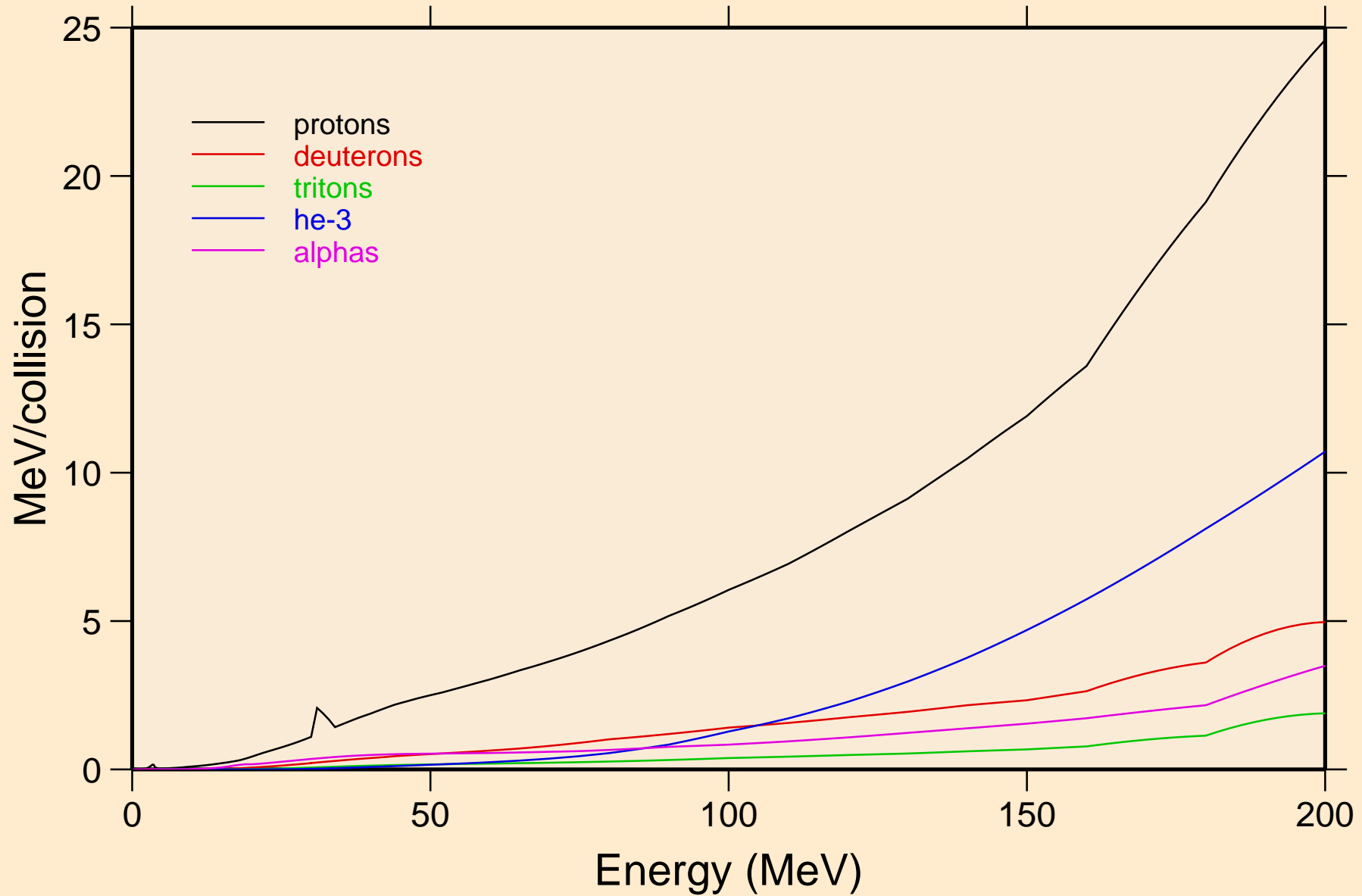


PM142 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



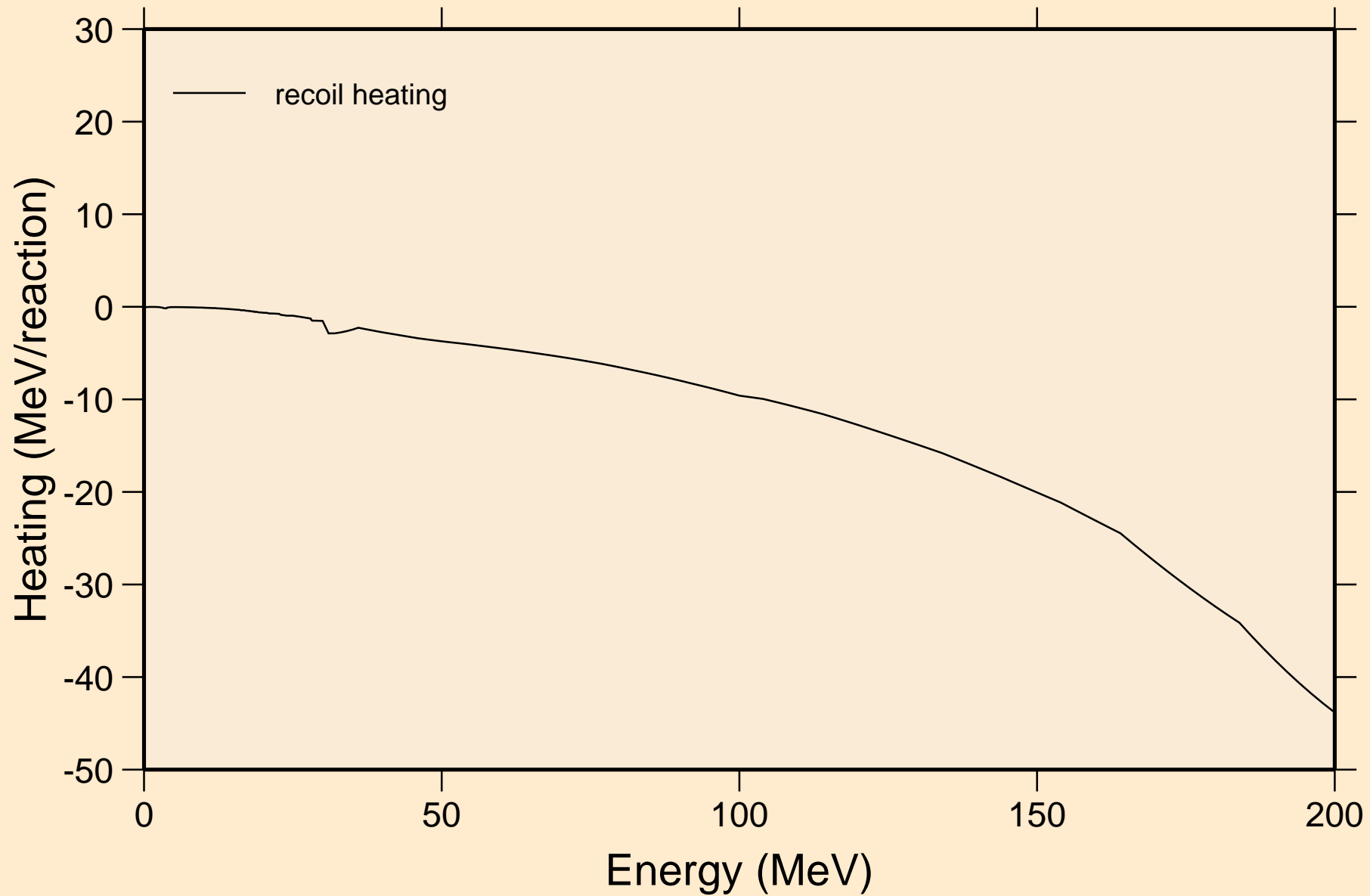
# PM142 NRG TENDL-2015, AKONING

## Particle heating contributions



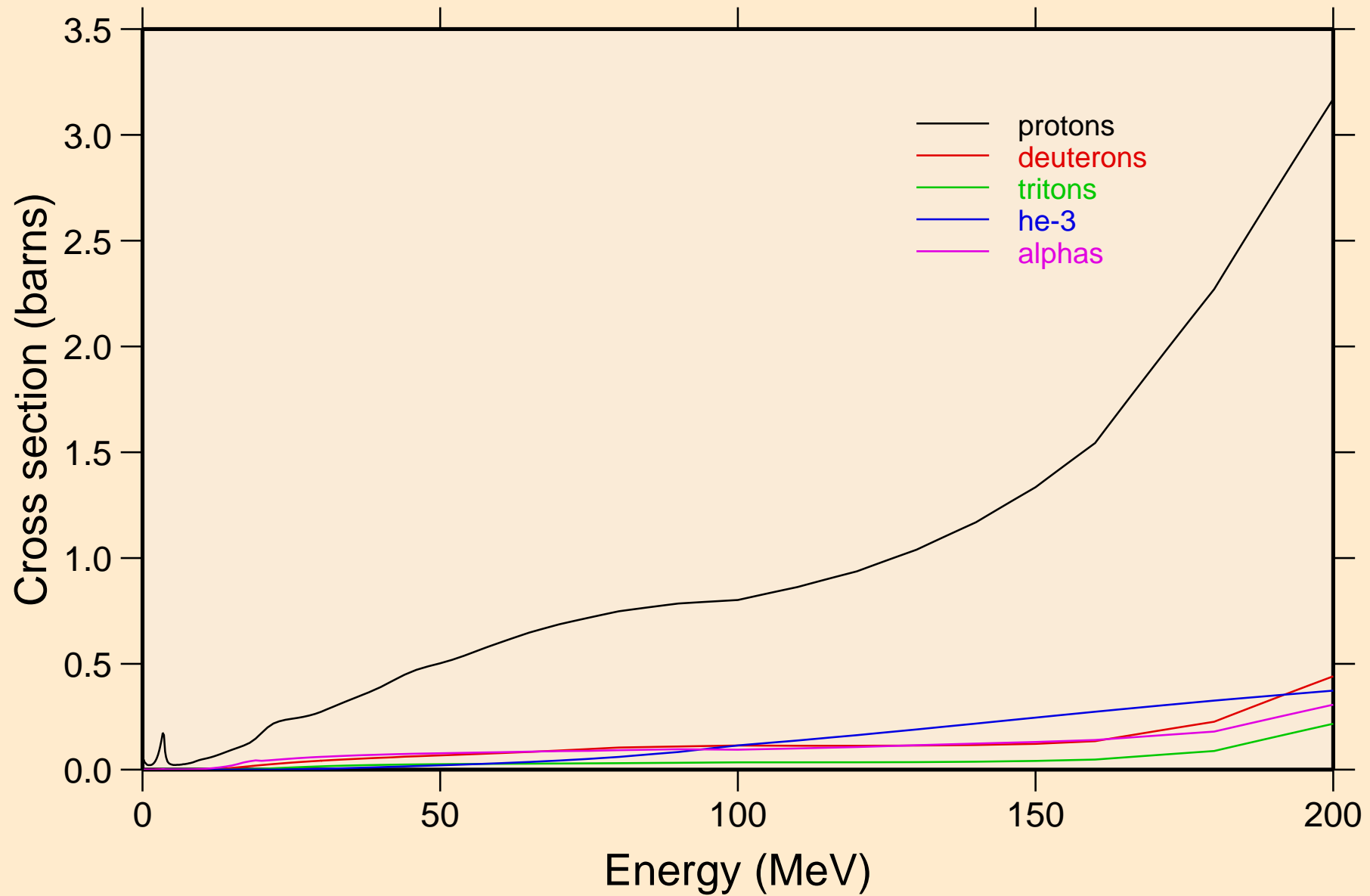
# PM142 NRG TENDL-2015, AKONING

## Recoil Heating

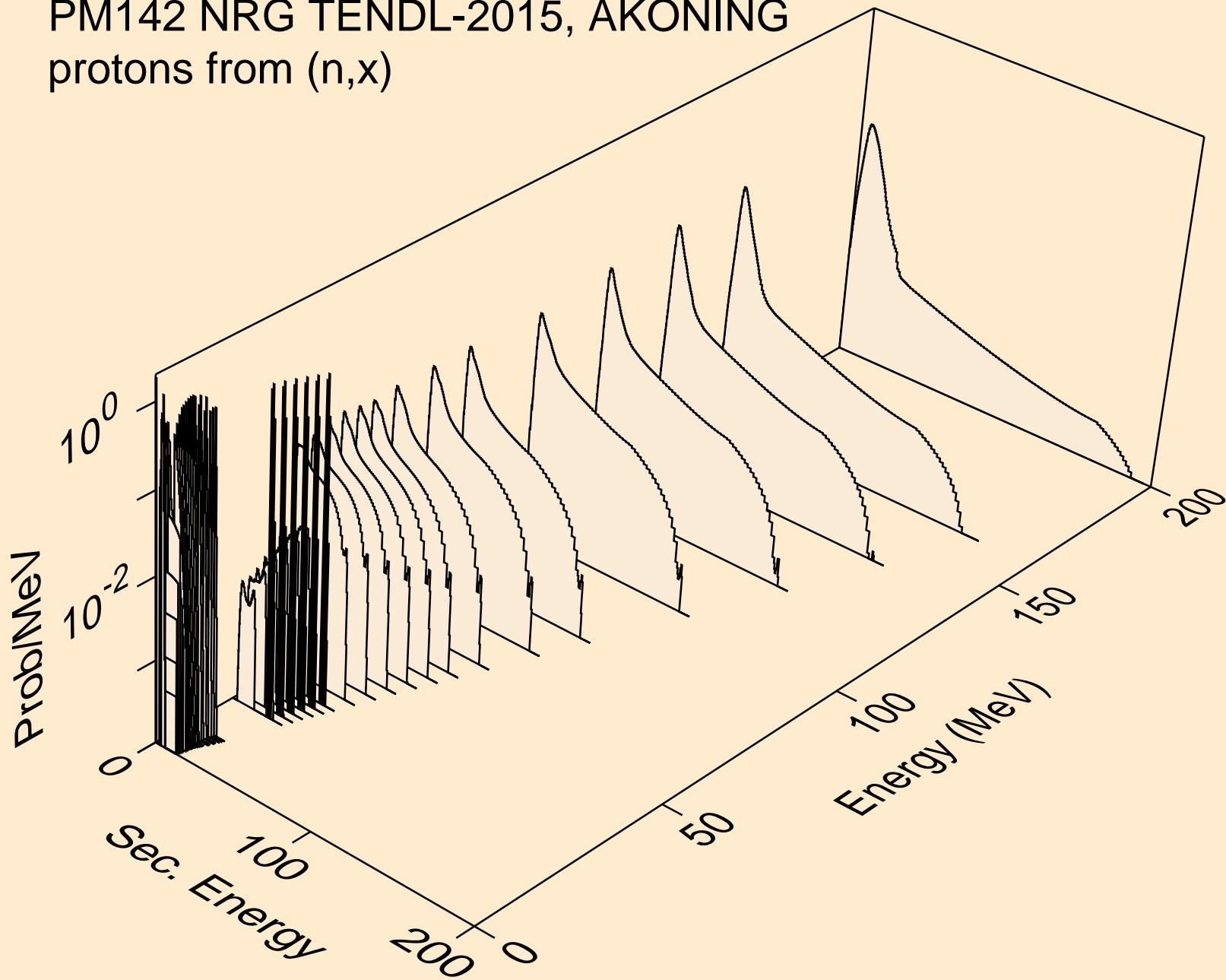


# PM142 NRG TENDL-2015, AKONING

## Particle production cross sections

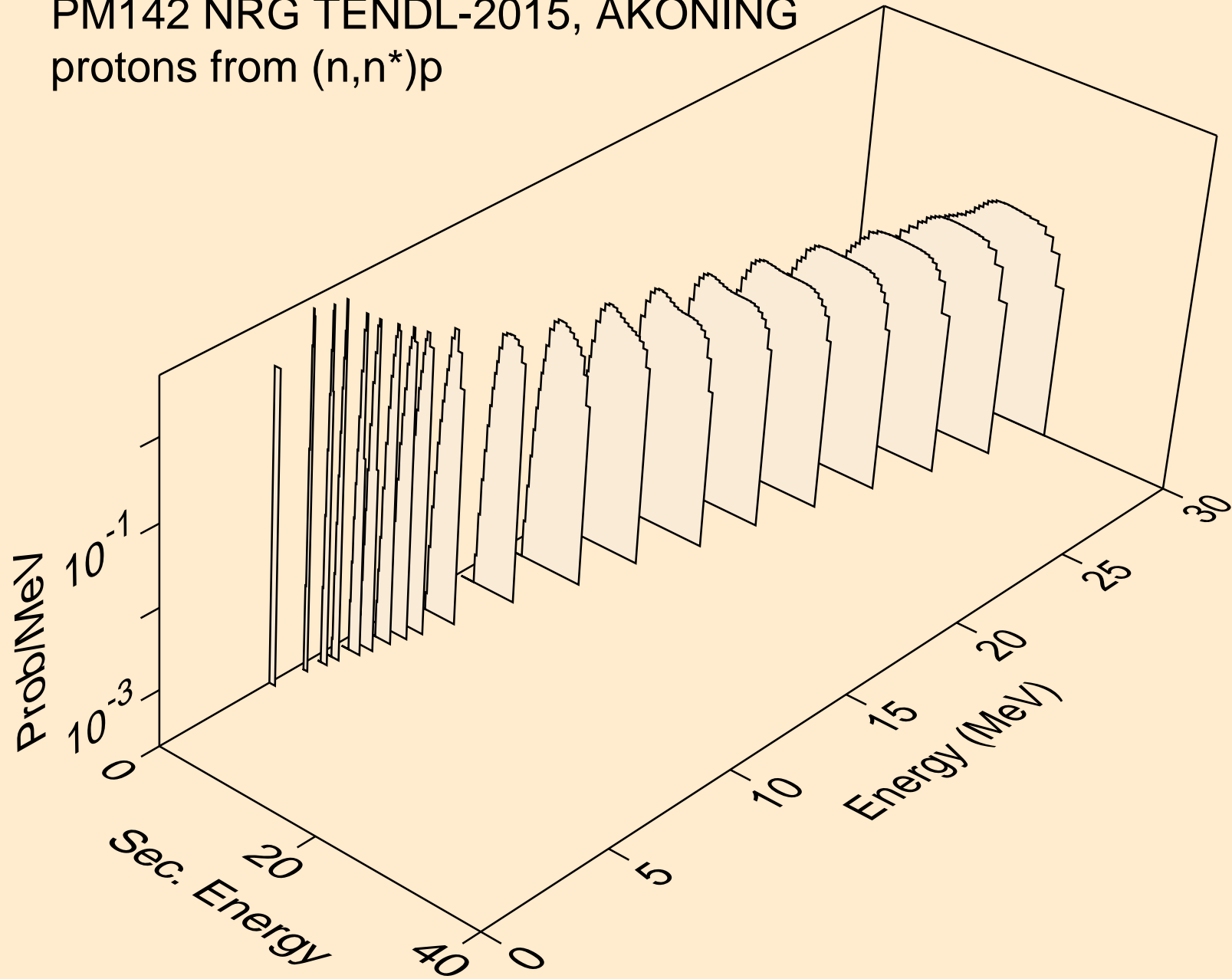


PM142 NRG TENDL-2015, AKONING  
protons from (n,x)

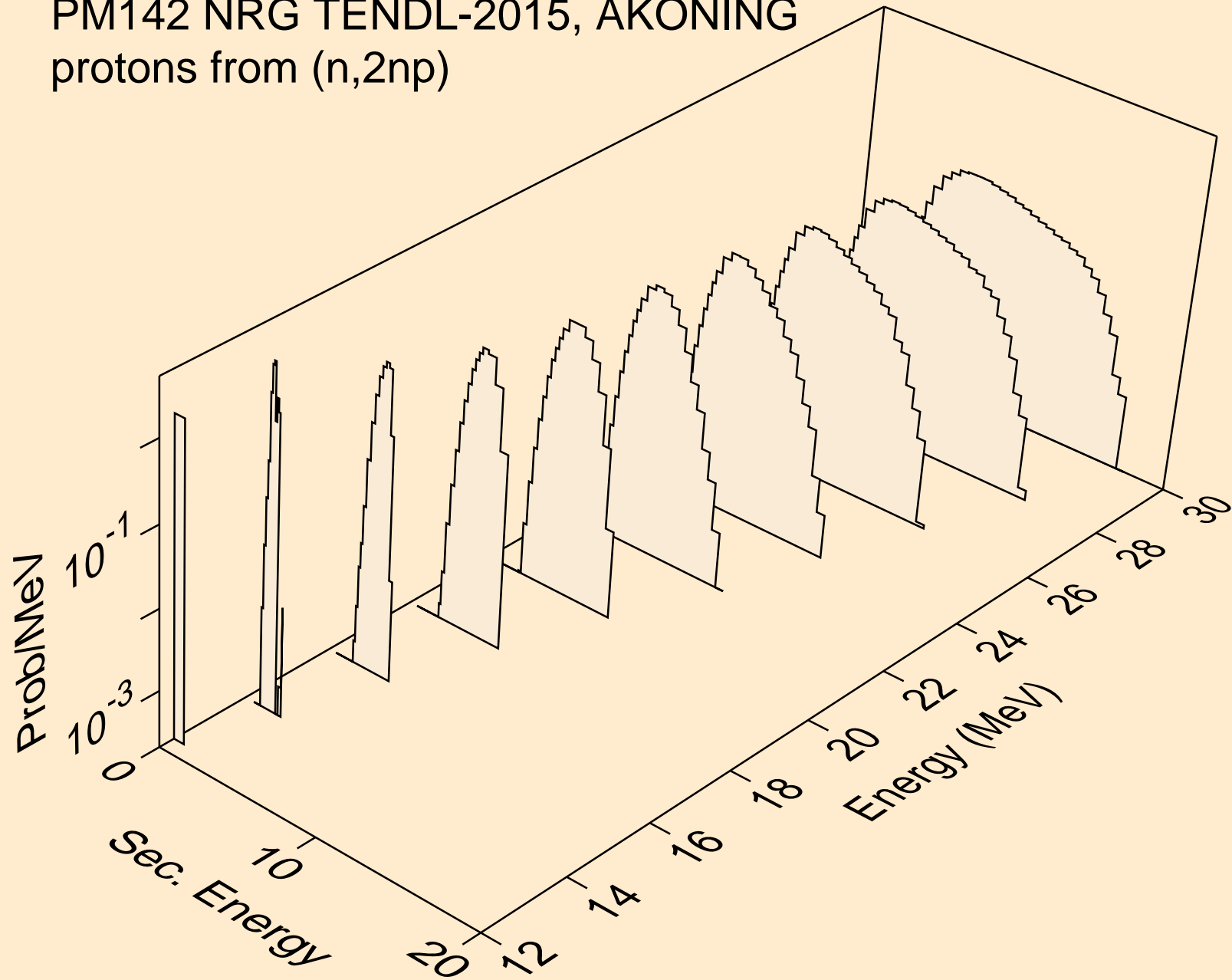




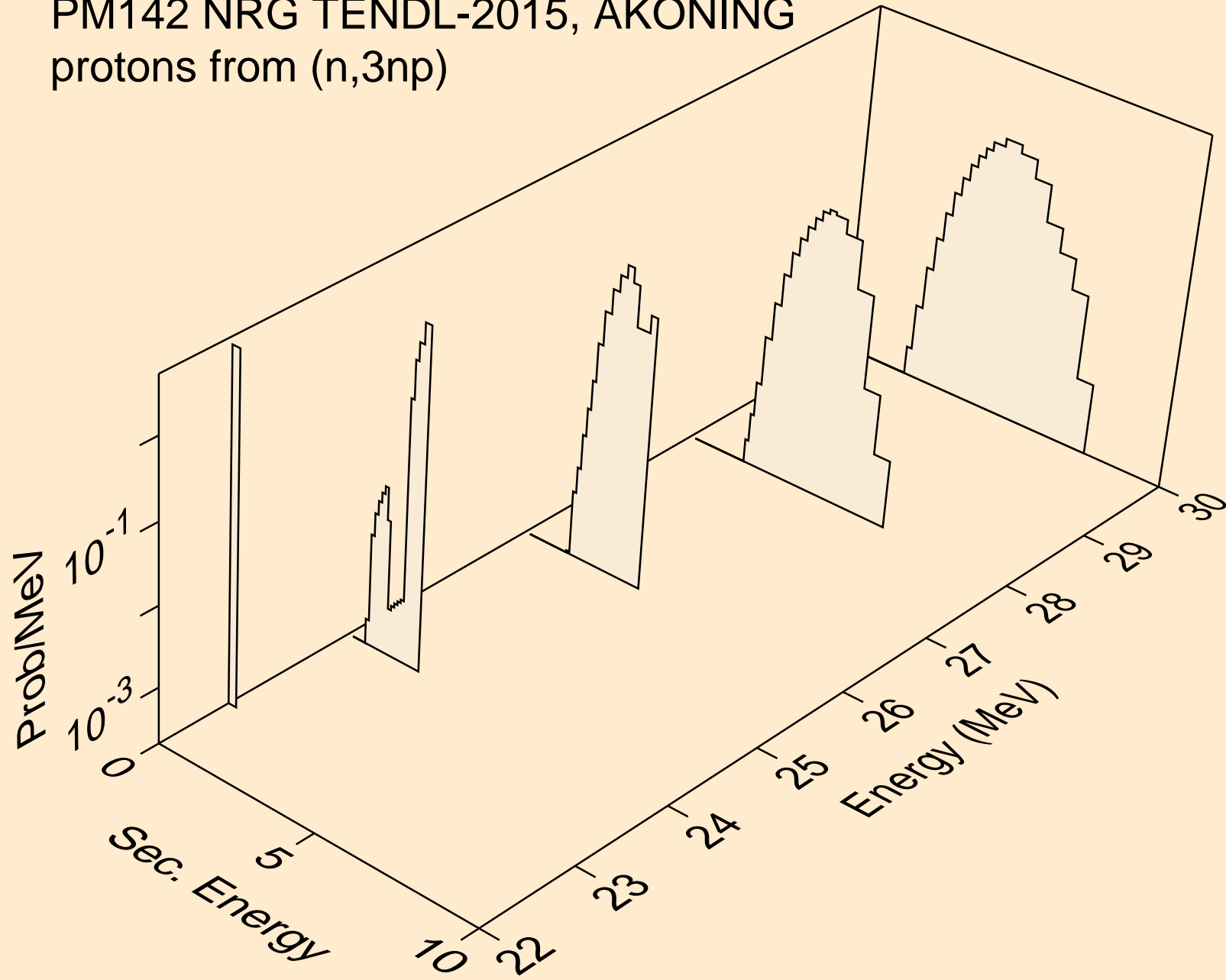
PM142 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



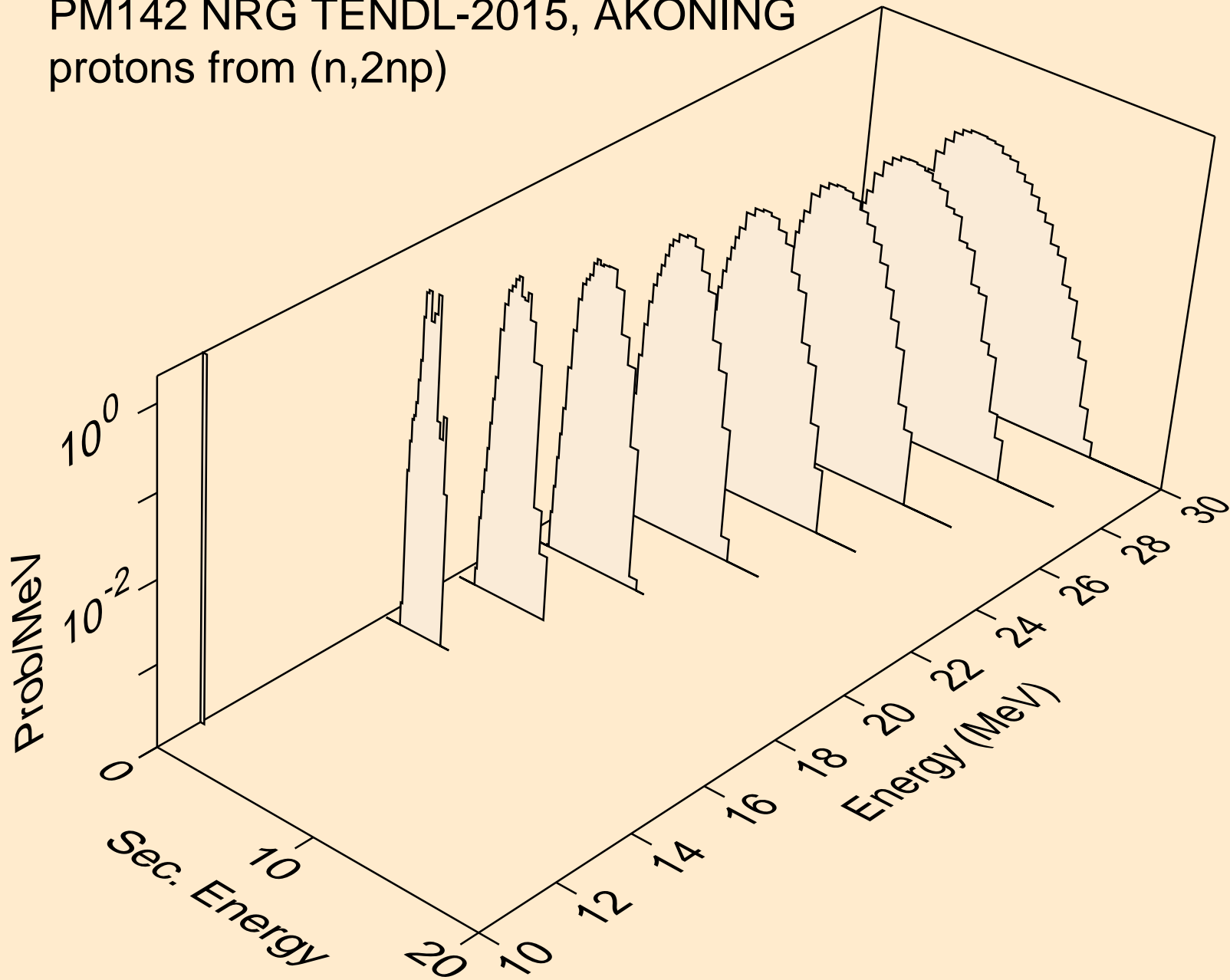
PM142 NRG TENDL-2015, AKONING  
protons from (n,2np)



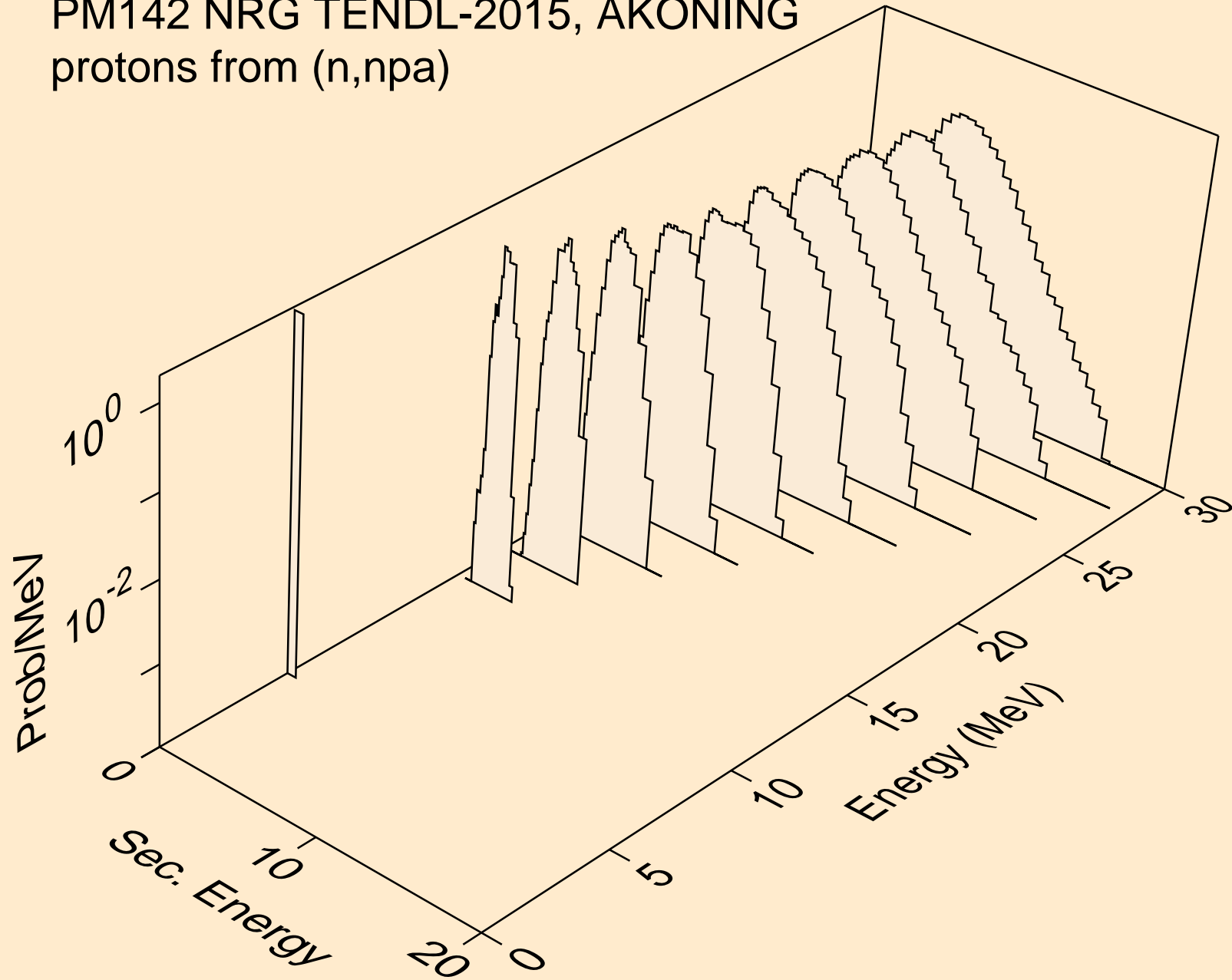
PM142 NRG TENDL-2015, AKONING  
protons from (n,3np)



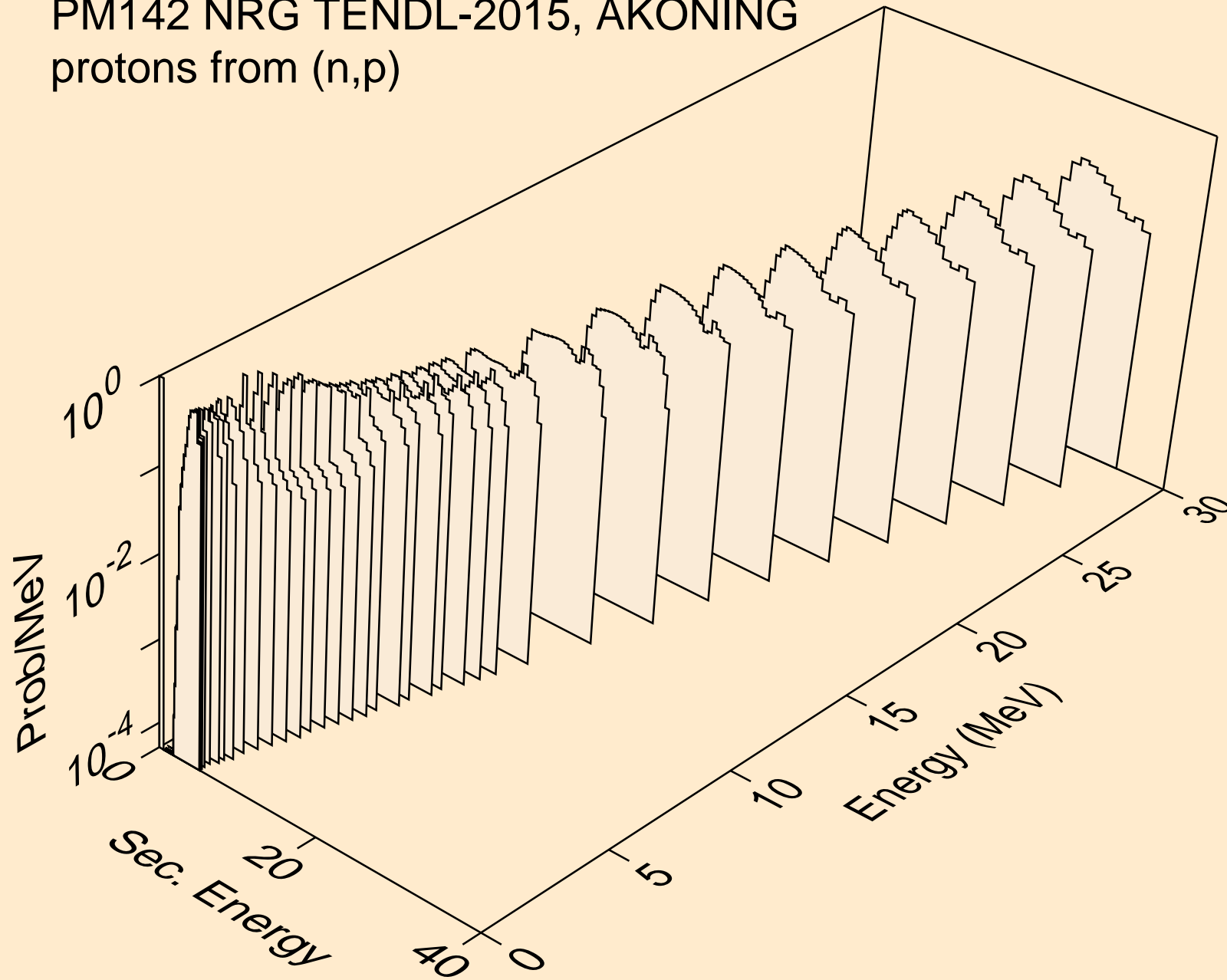
PM142 NRG TENDL-2015, AKONING  
protons from (n,2np)



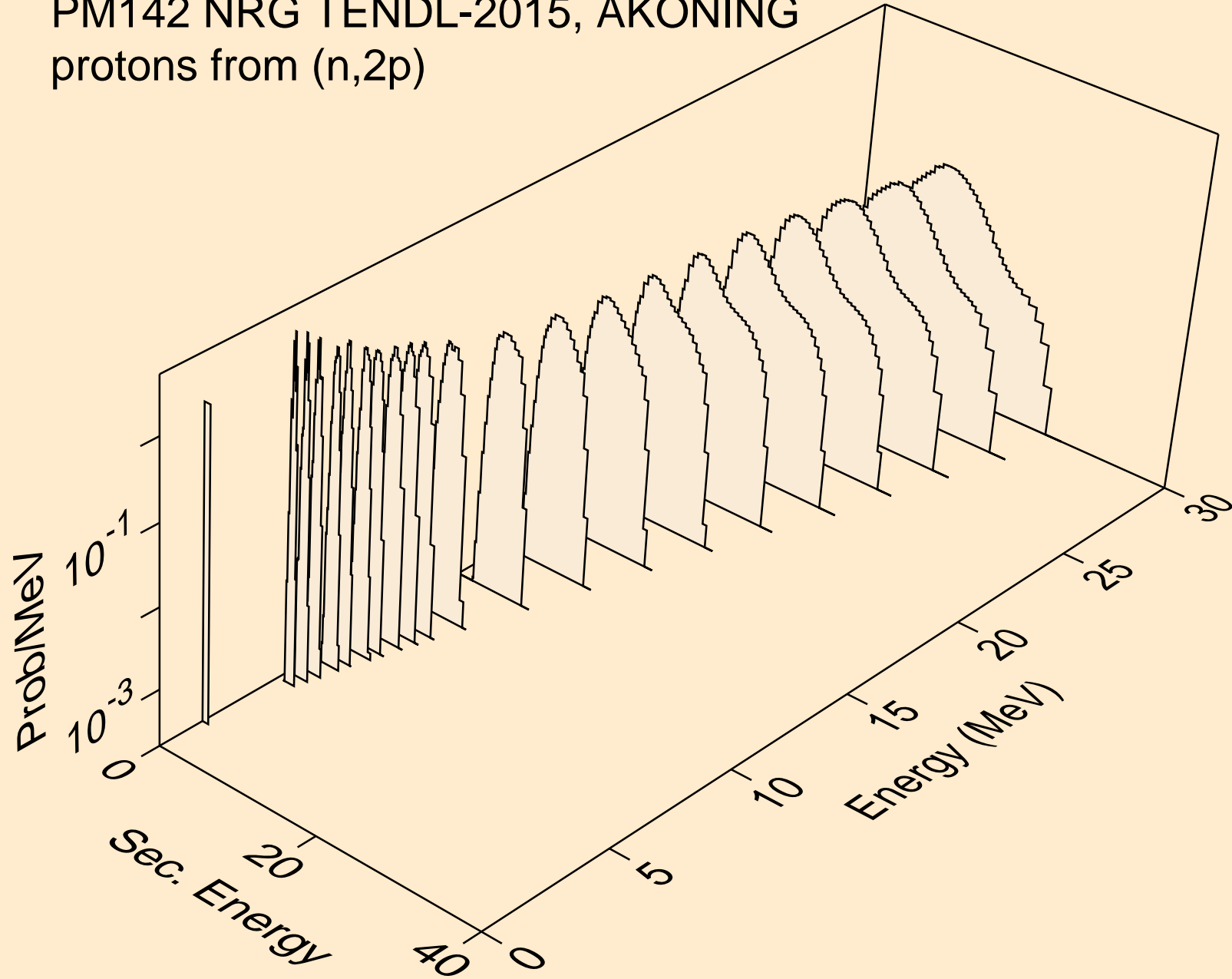
PM142 NRG TENDL-2015, AKONING  
protons from (n,npa)



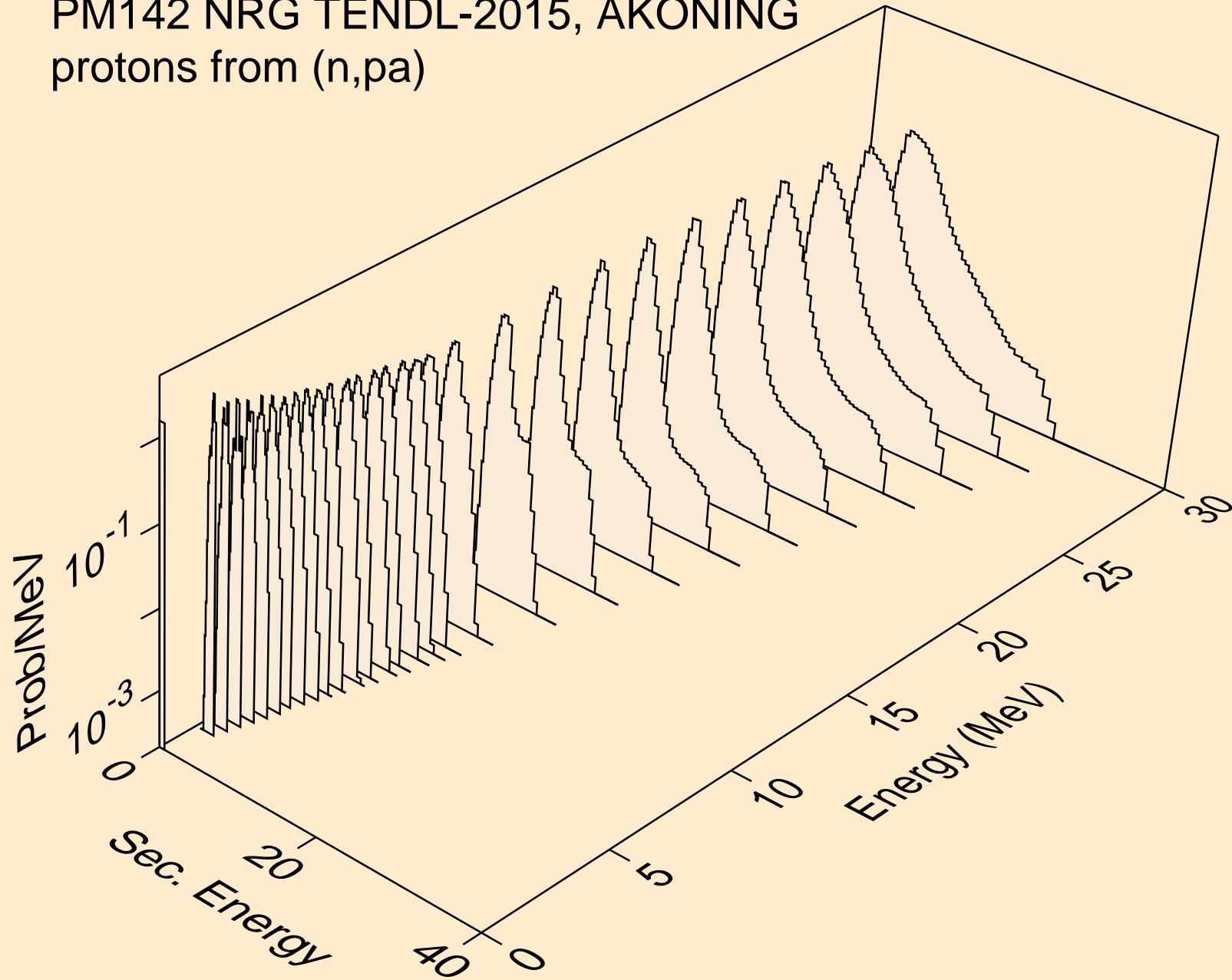
PM142 NRG TENDL-2015, AKONING  
protons from (n,p)



PM142 NRG TENDL-2015, AKONING  
protons from (n,2p)

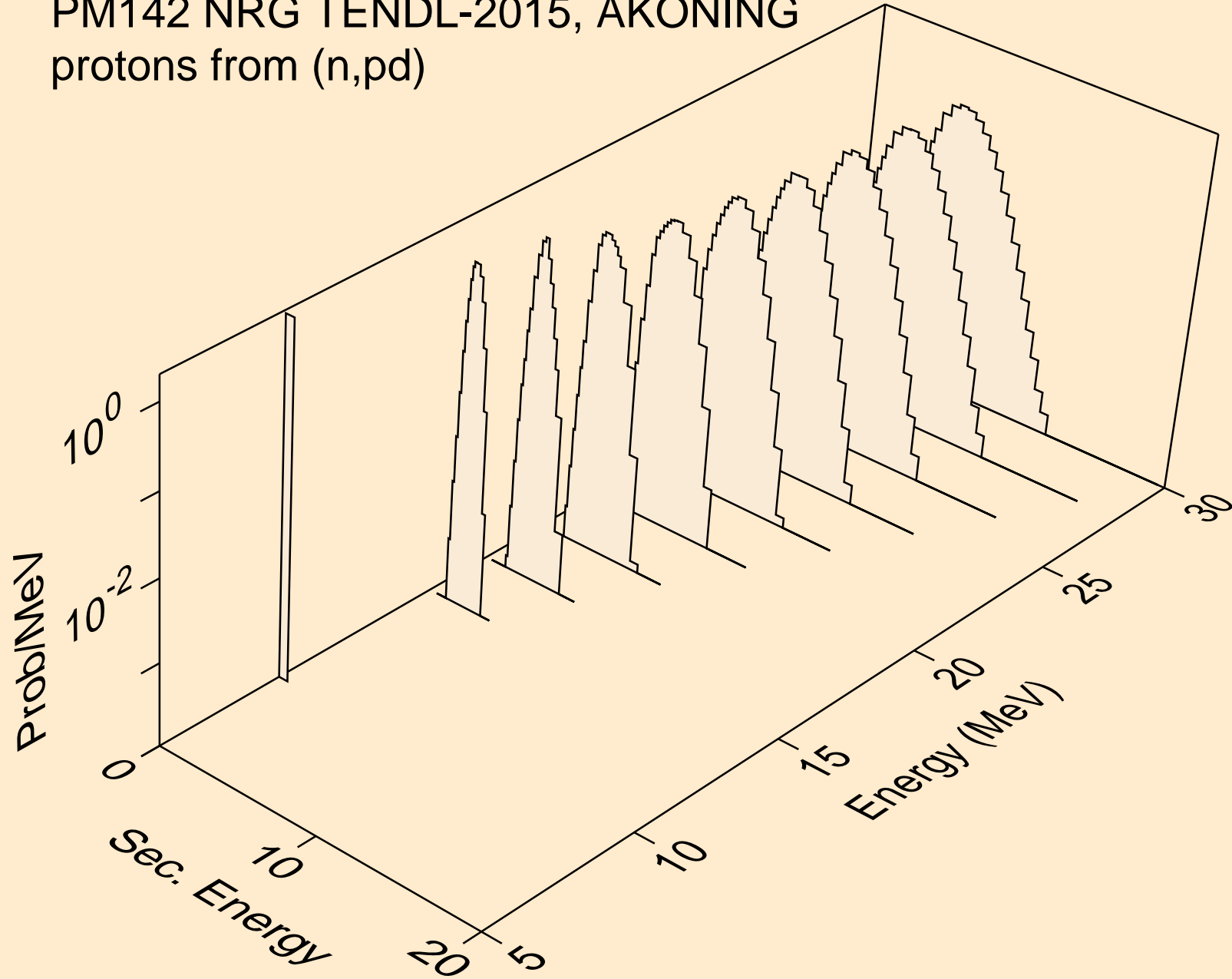


PM142 NRG TENDL-2015, AKONING  
protons from (n,pa)

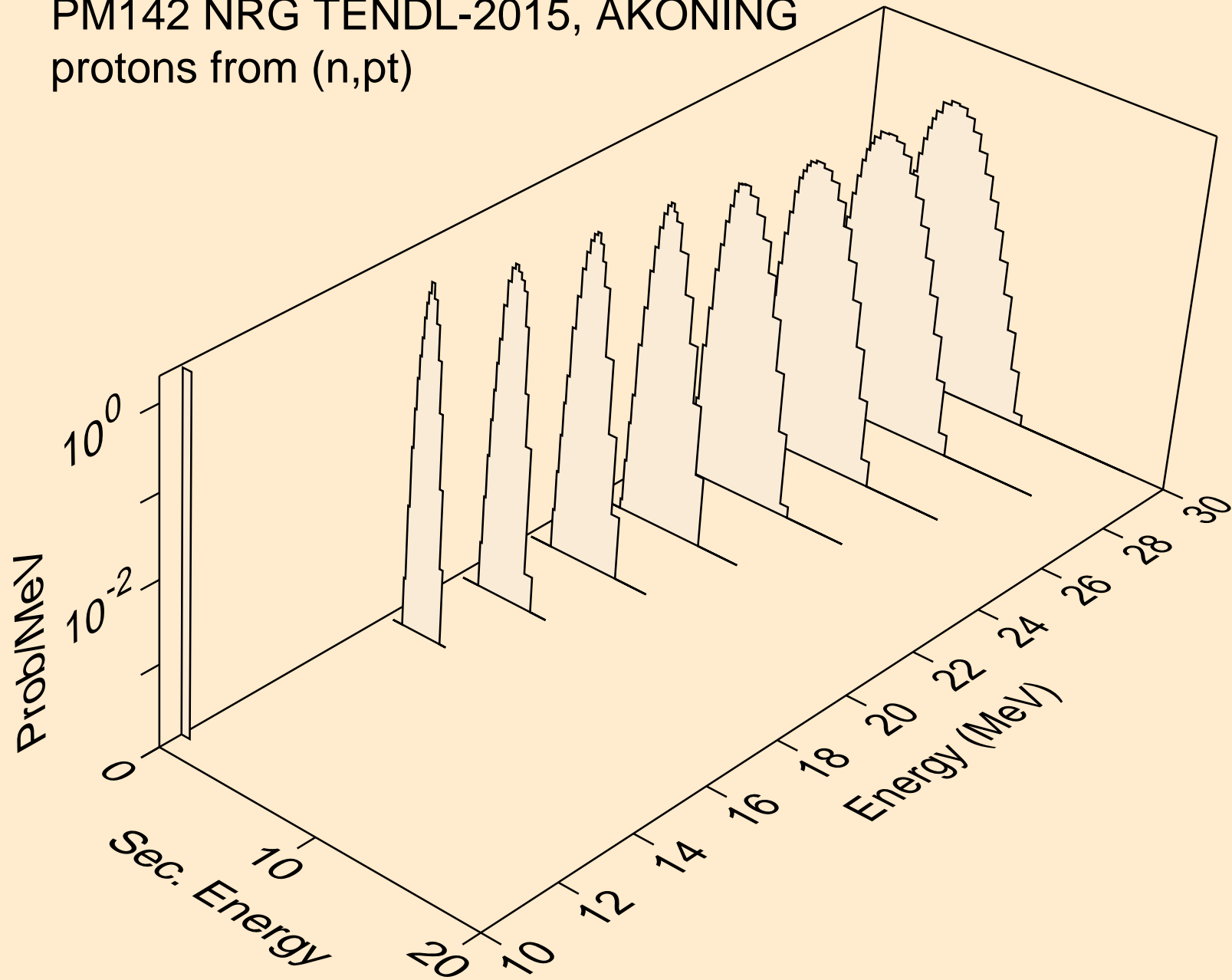




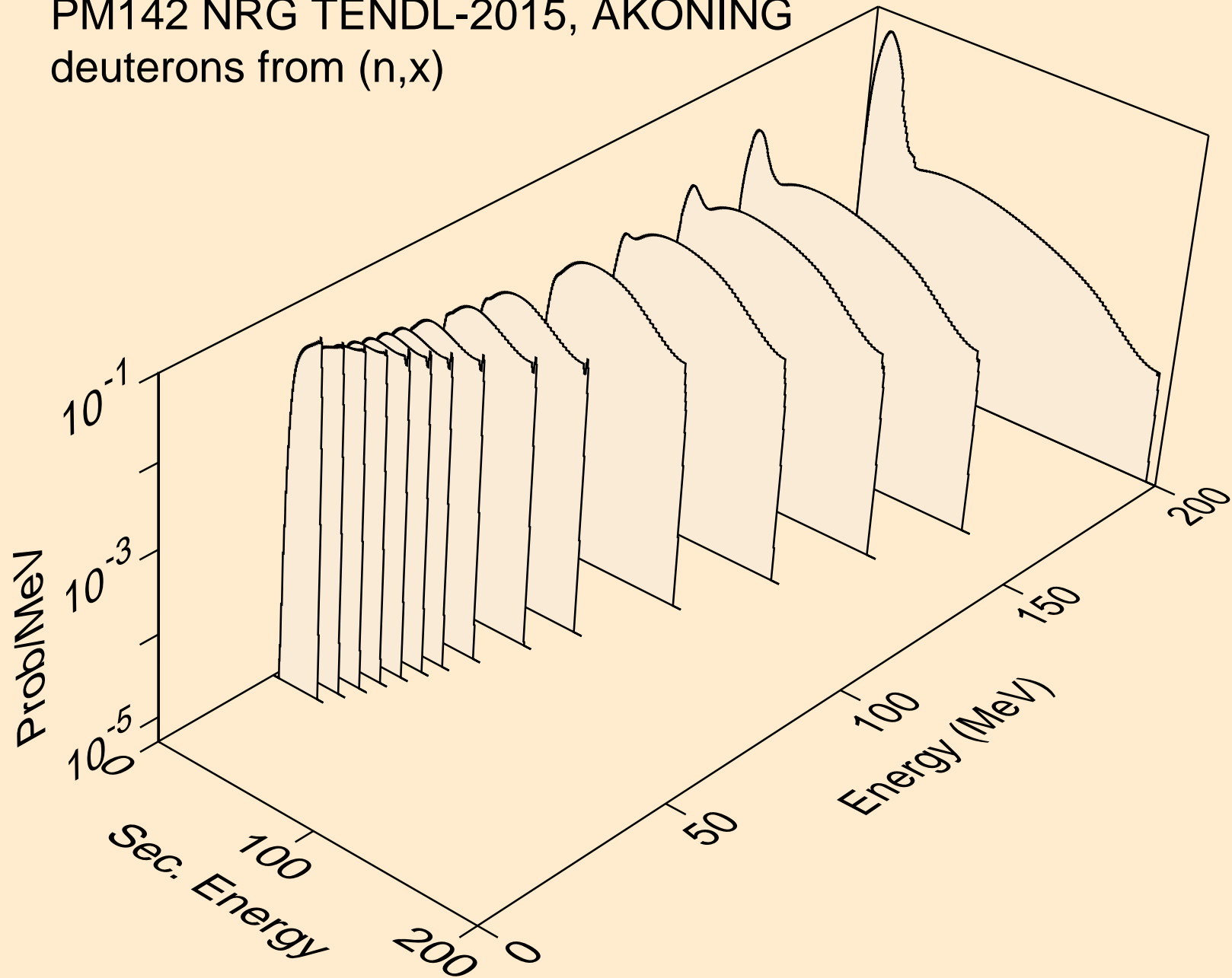
PM142 NRG TENDL-2015, AKONING  
protons from (n,pd)



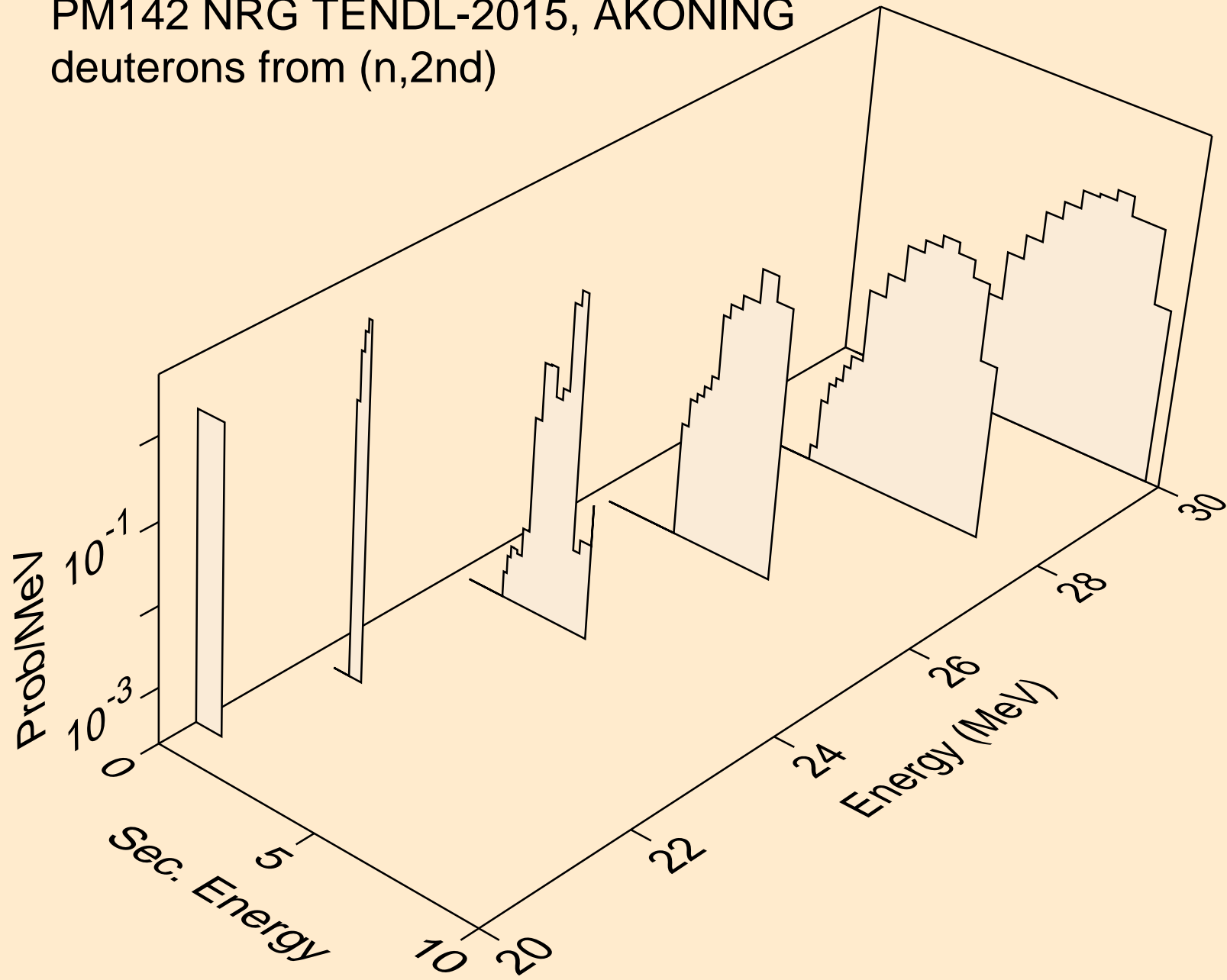
PM142 NRG TENDL-2015, AKONING  
protons from (n,pt)



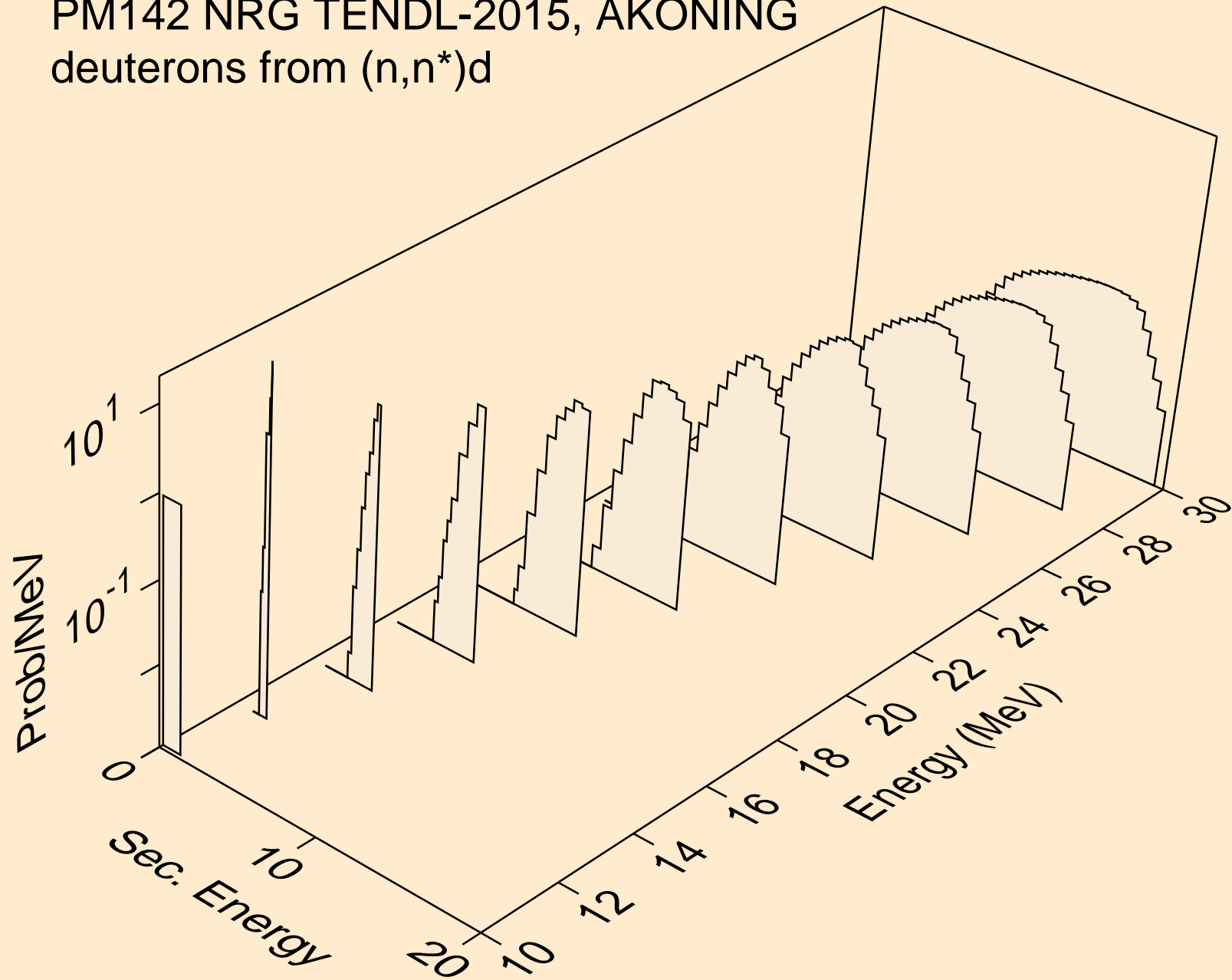
PM142 NRG TENDL-2015, AKONING  
deuterons from (n,x)



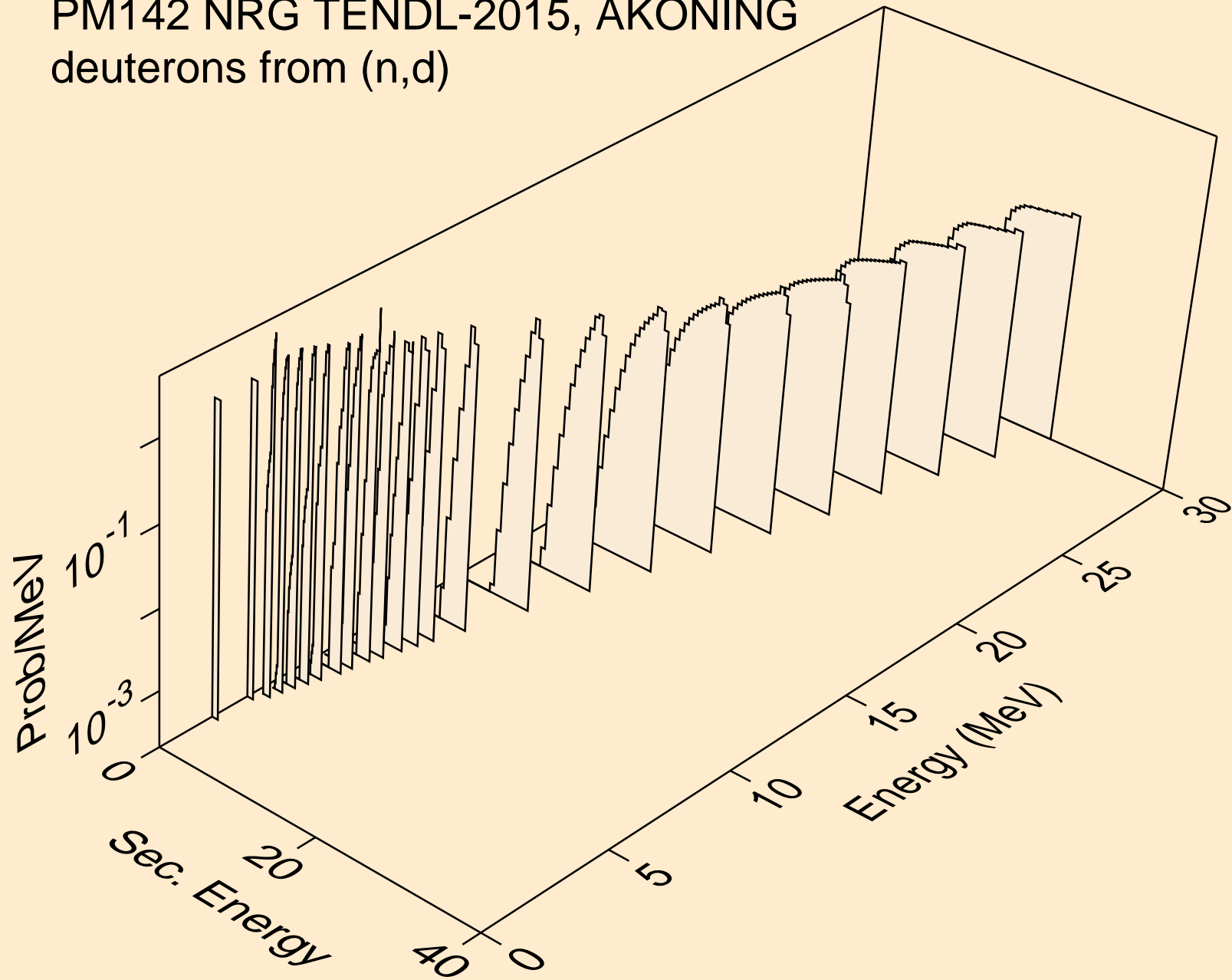
PM142 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



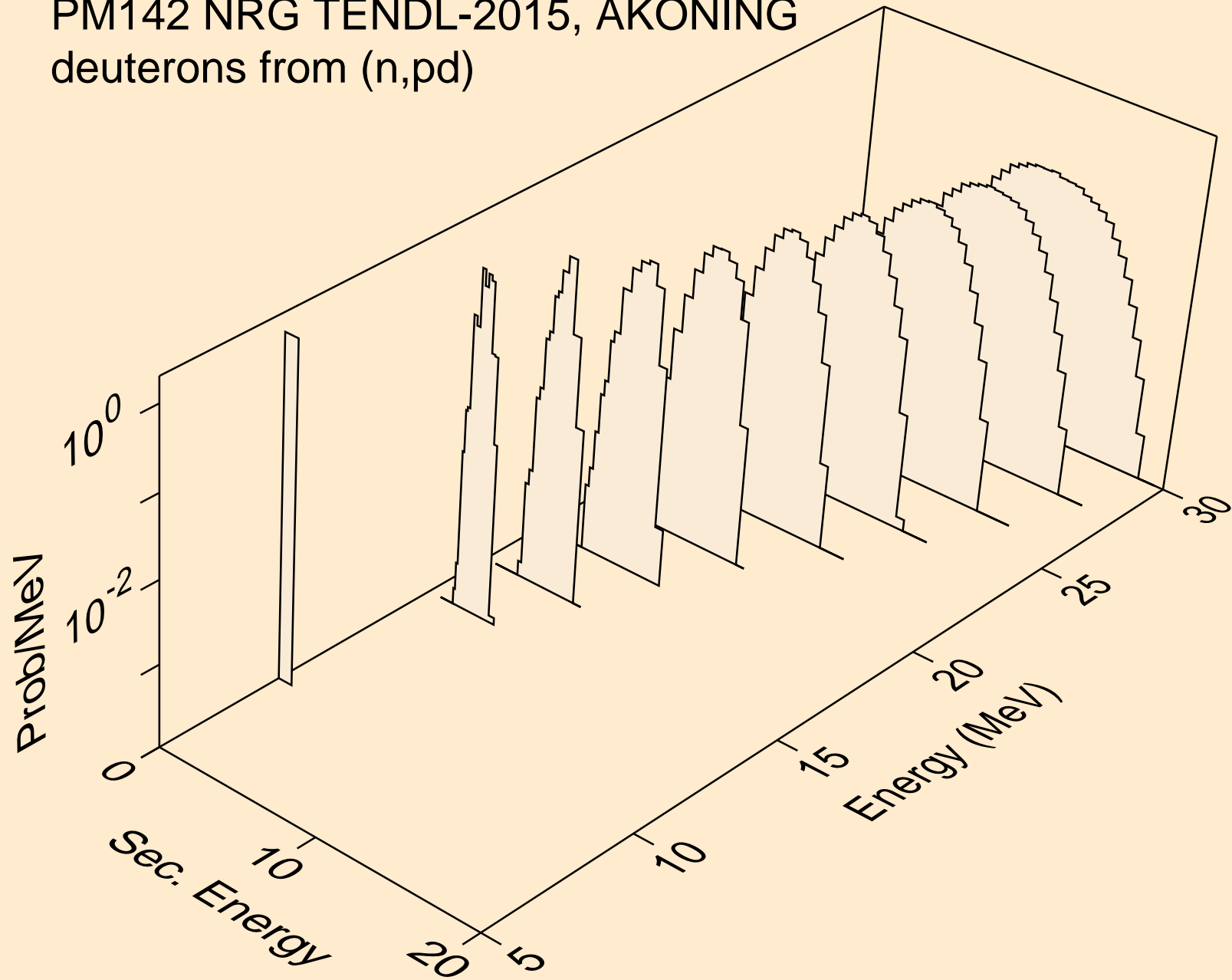
PM142 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



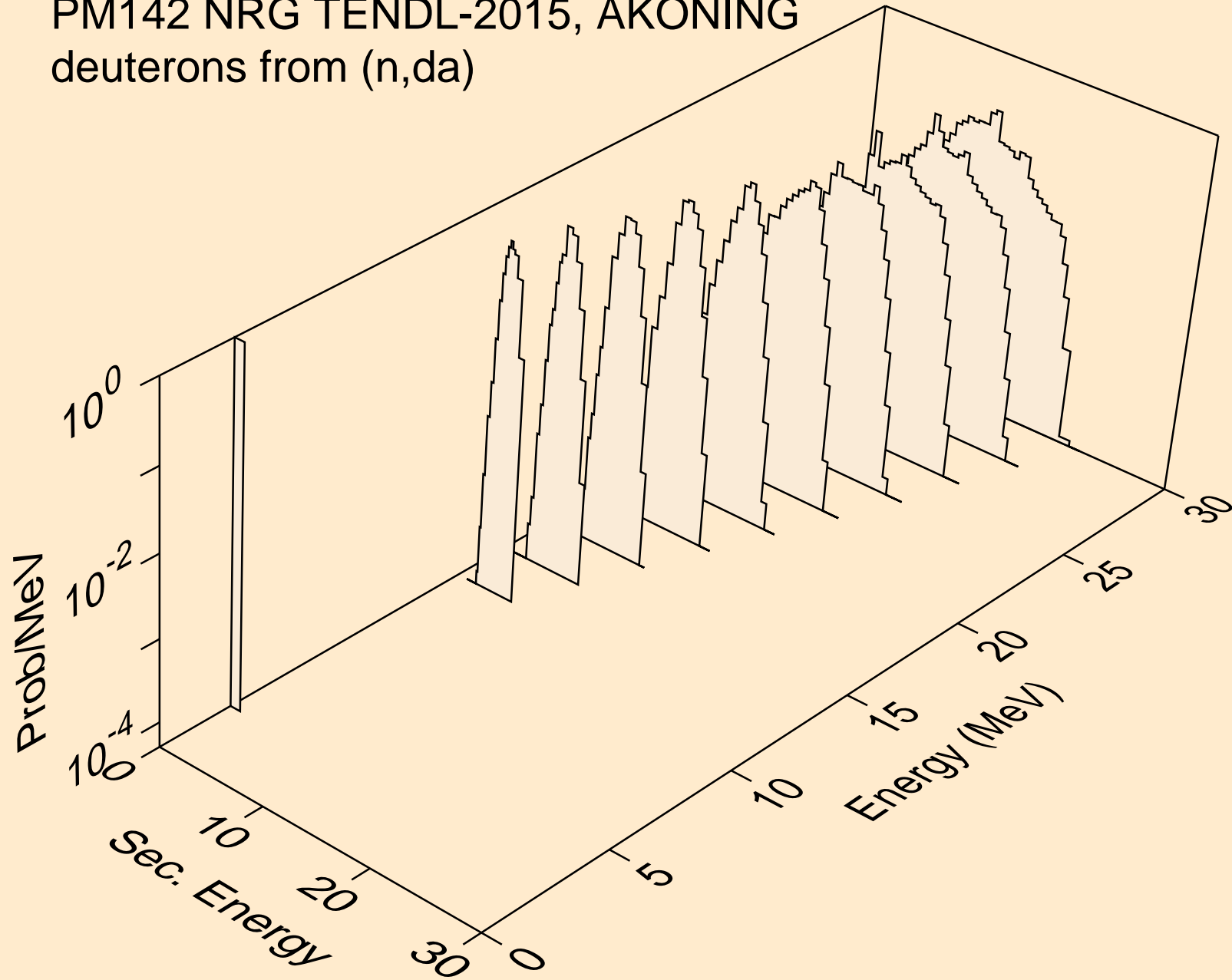
PM142 NRG TENDL-2015, AKONING  
deuterons from (n,d)



PM142 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

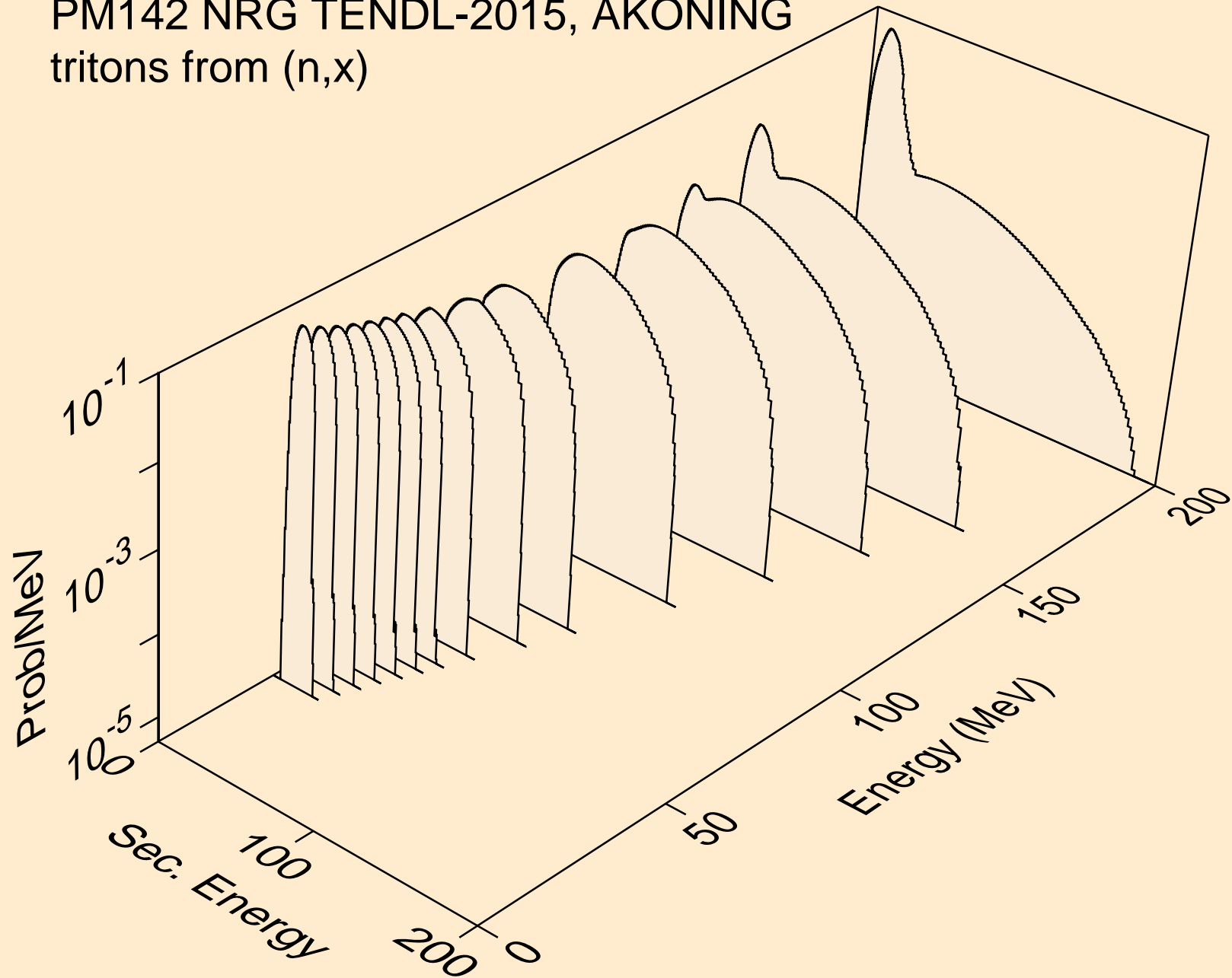


PM142 NRG TENDL-2015, AKONING  
deuterons from (n,da)

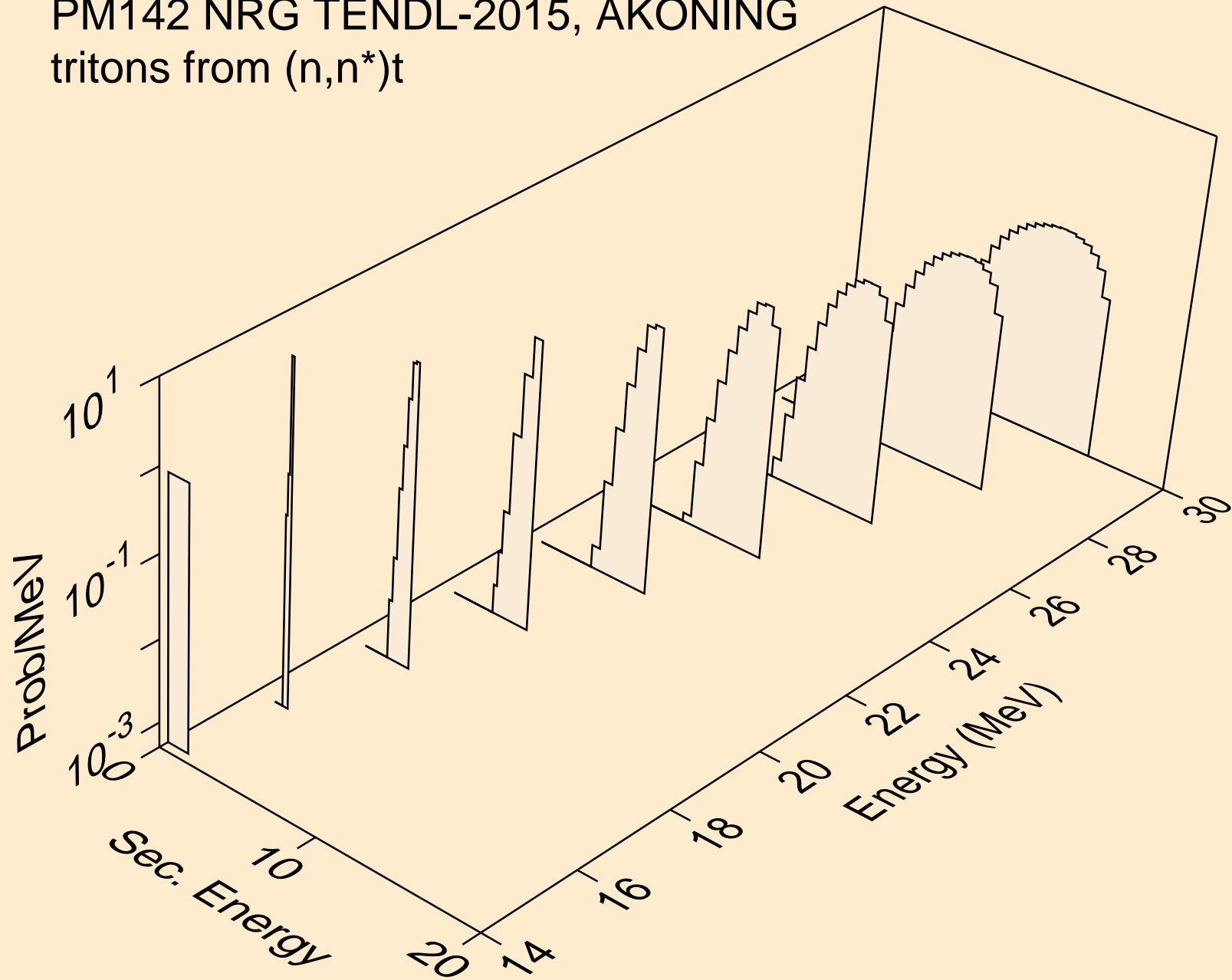




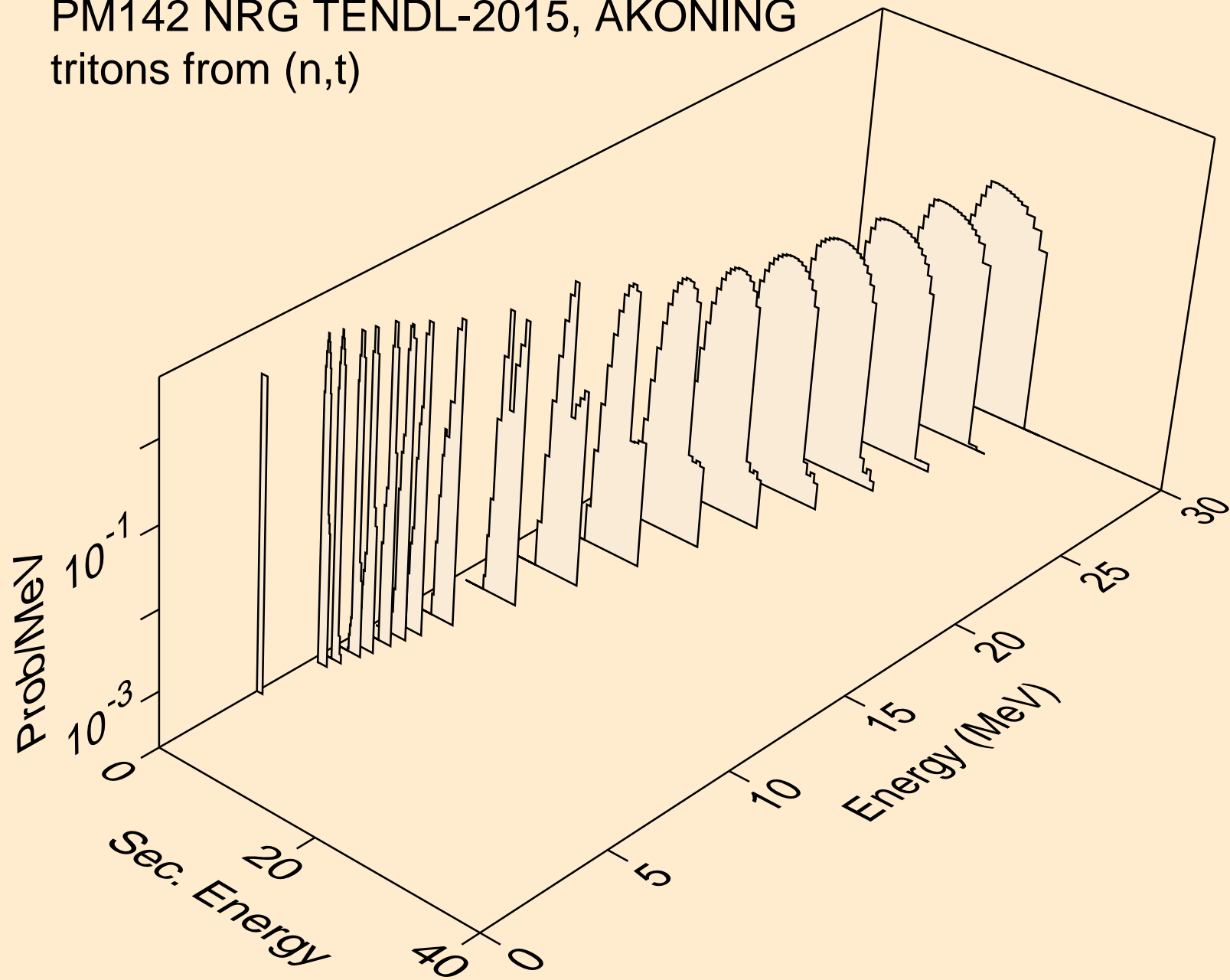
PM142 NRG TENDL-2015, AKONING  
tritons from (n,x)



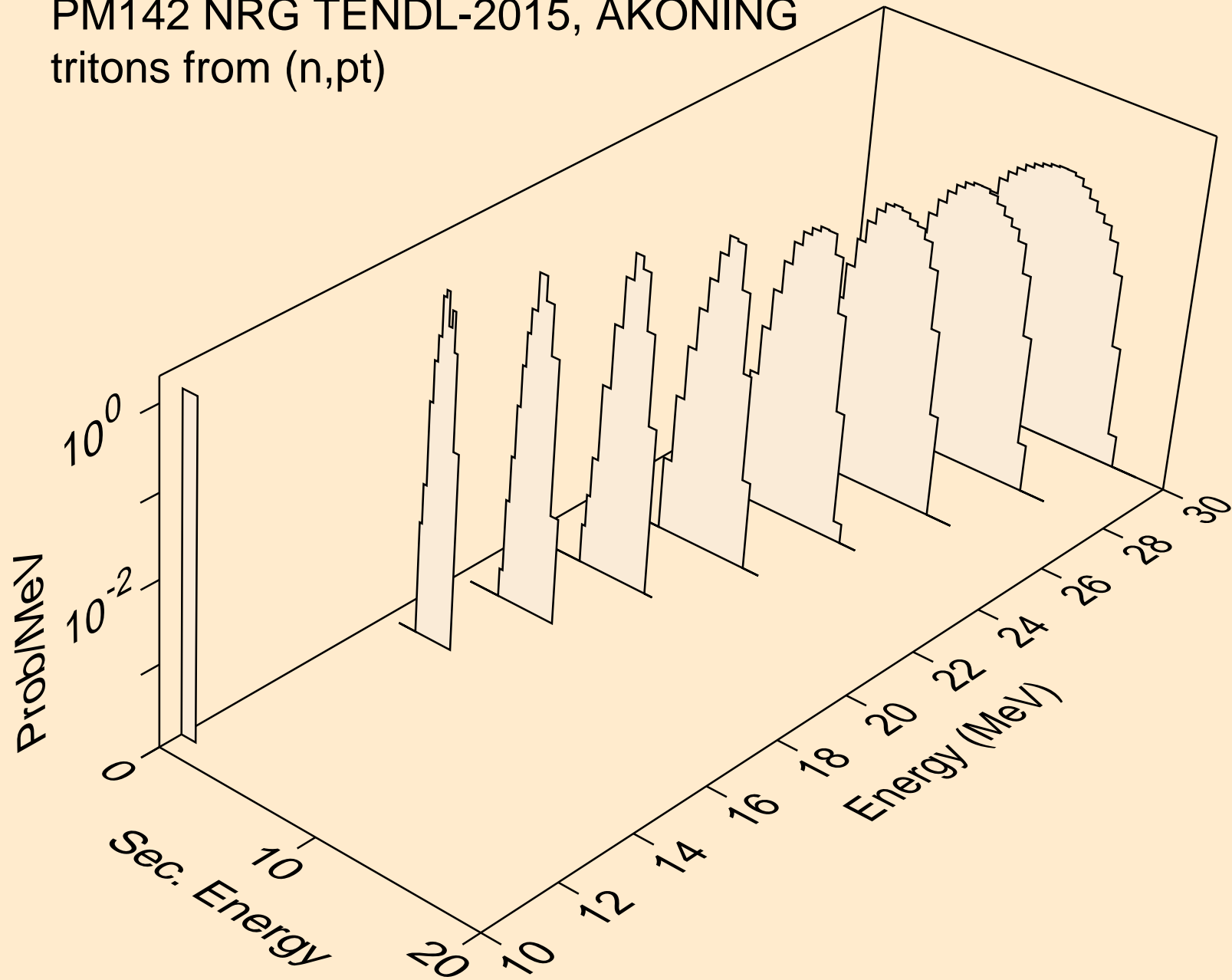
PM142 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



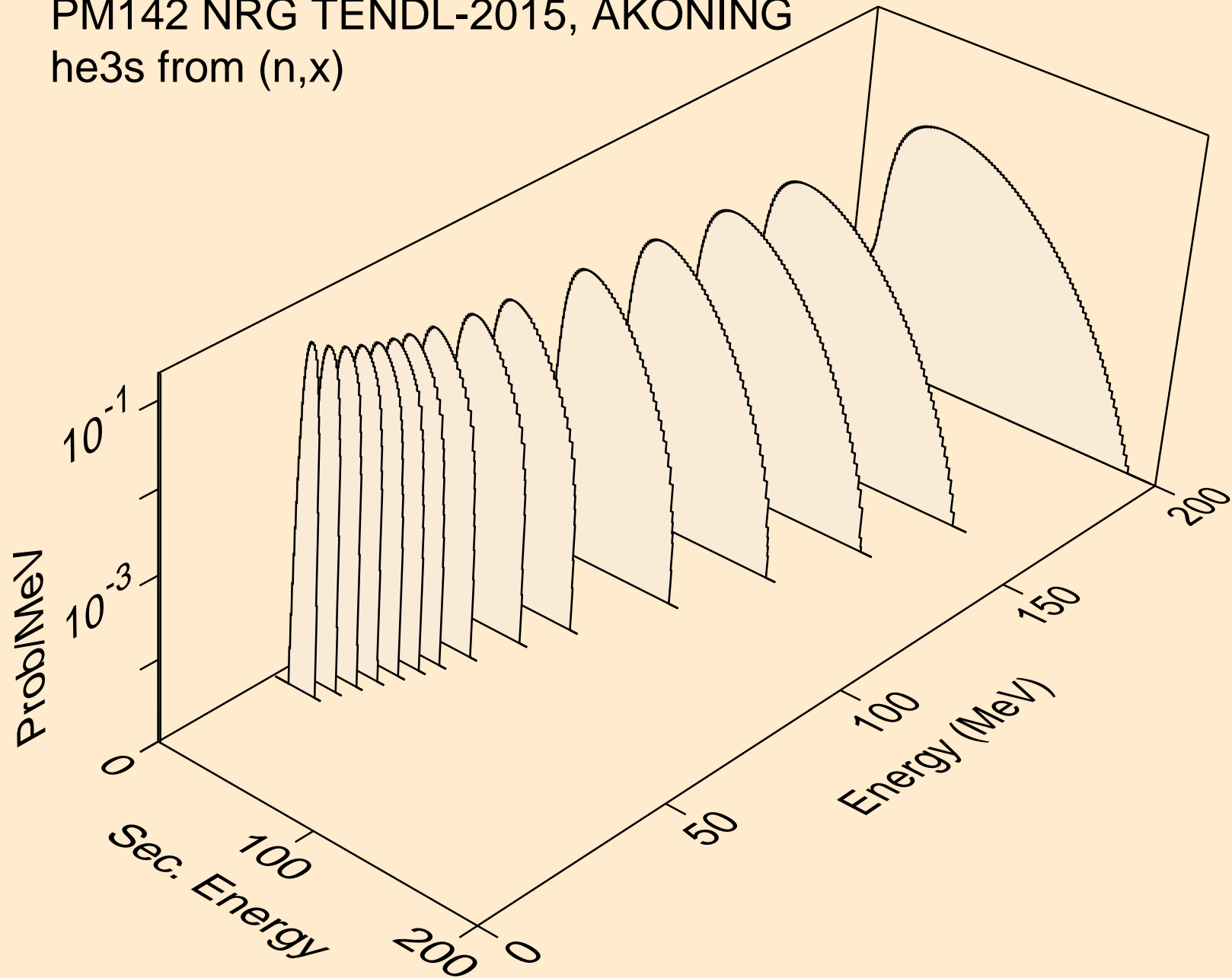
PM142 NRG TENDL-2015, AKONING  
tritons from (n,t)



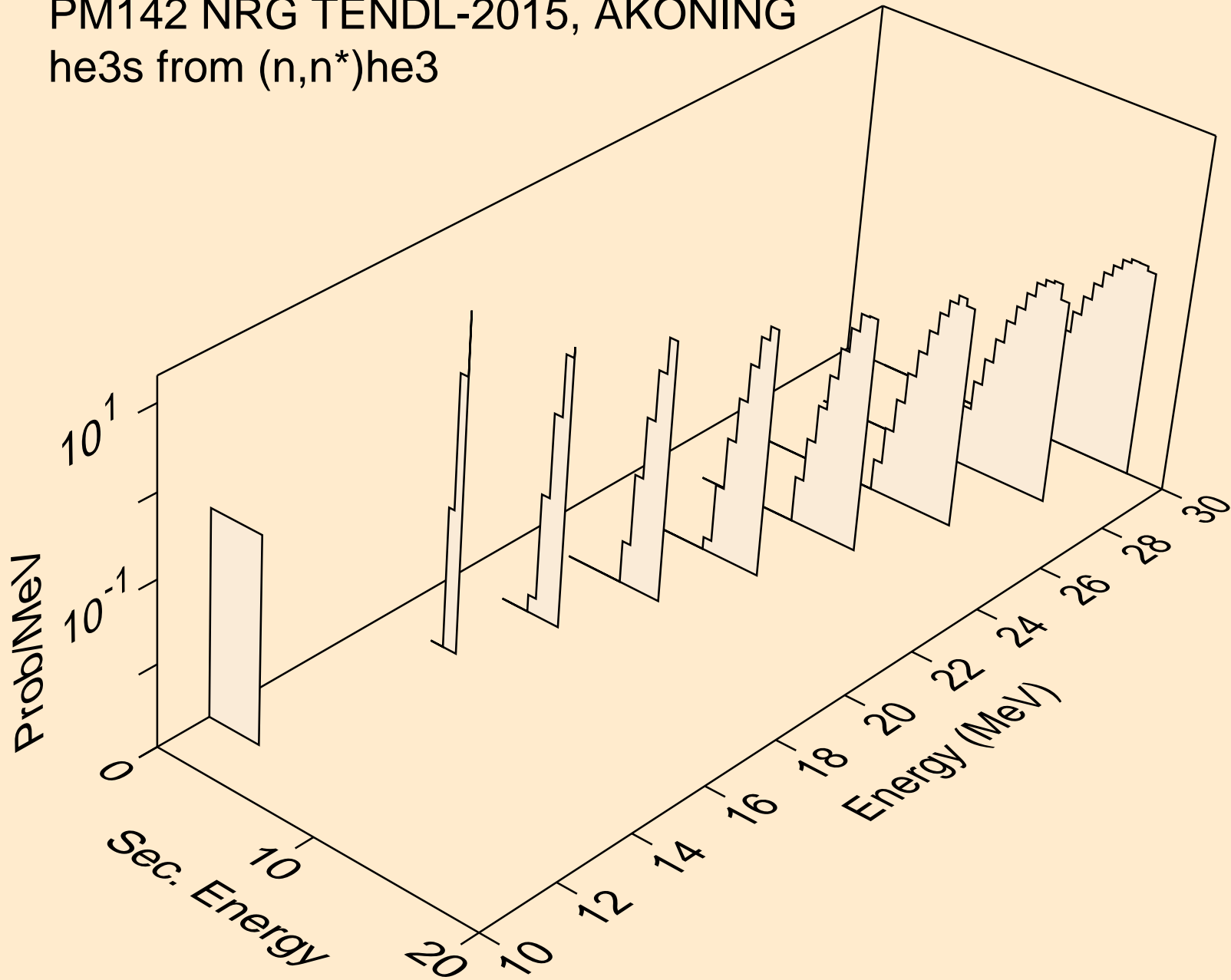
PM142 NRG TENDL-2015, AKONING  
tritons from (n,pt)



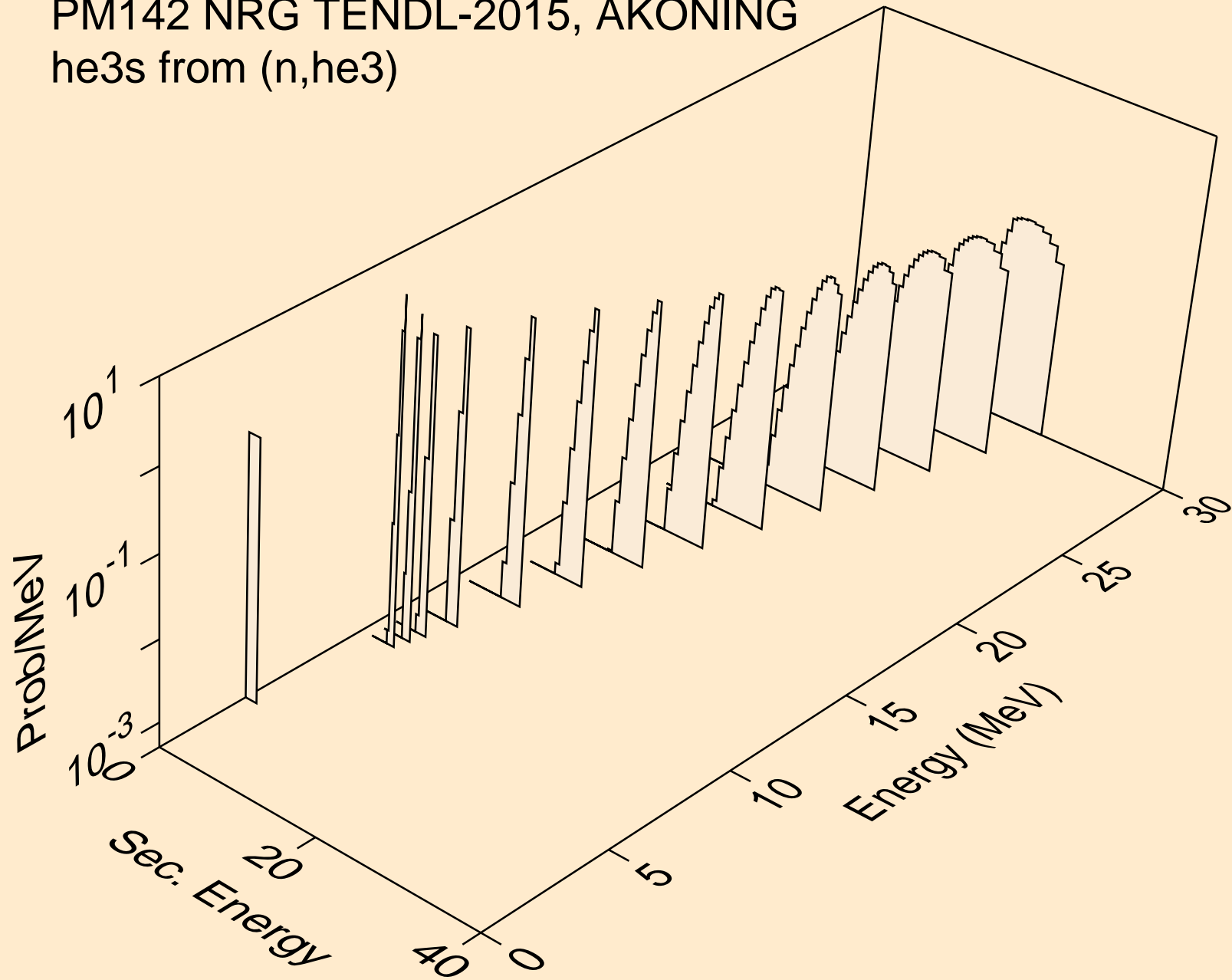
PM142 NRG TENDL-2015, AKONING  
he3s from (n,x)



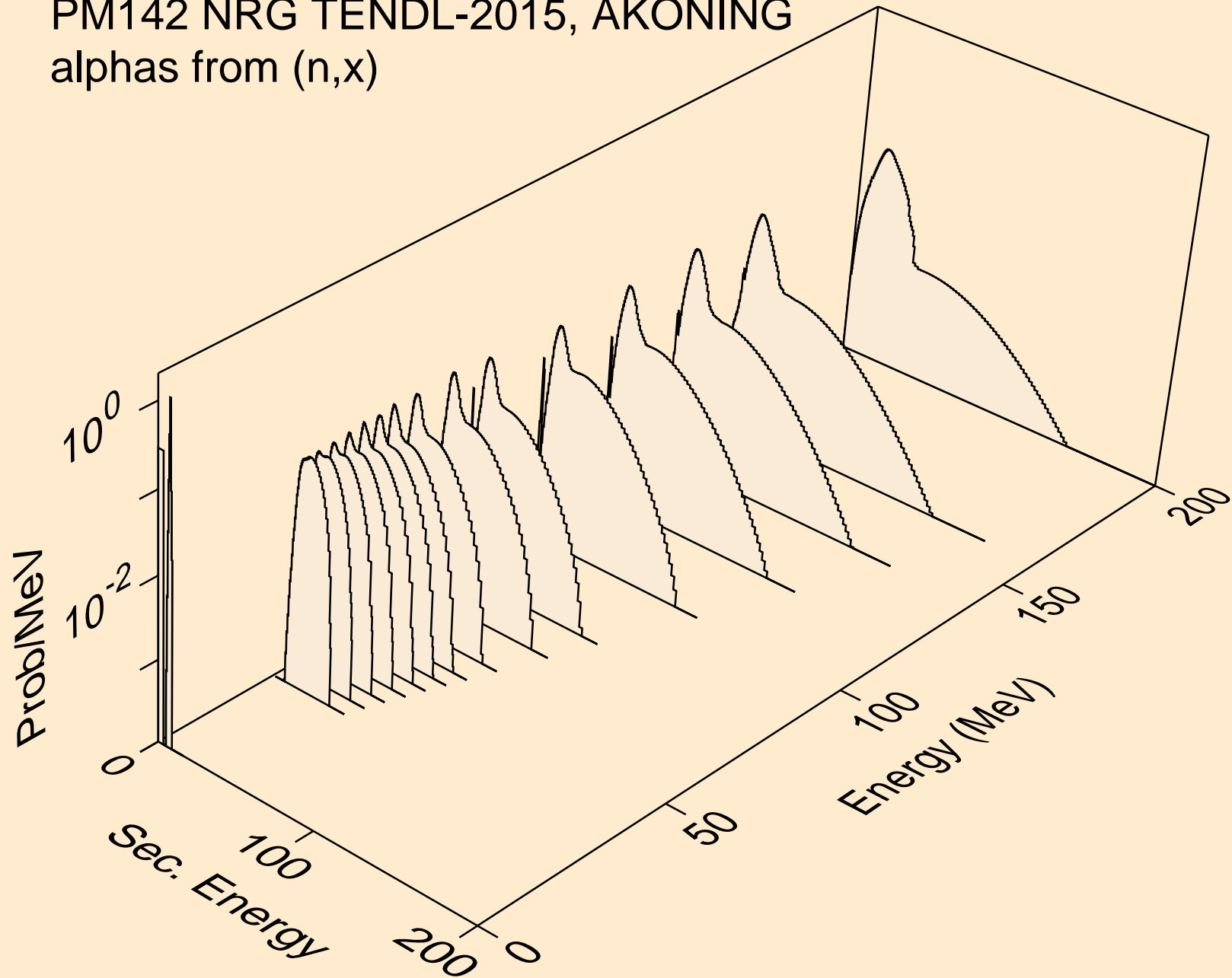
PM142 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



PM142 NRG TENDL-2015, AKONING  
he3s from (n,he3)

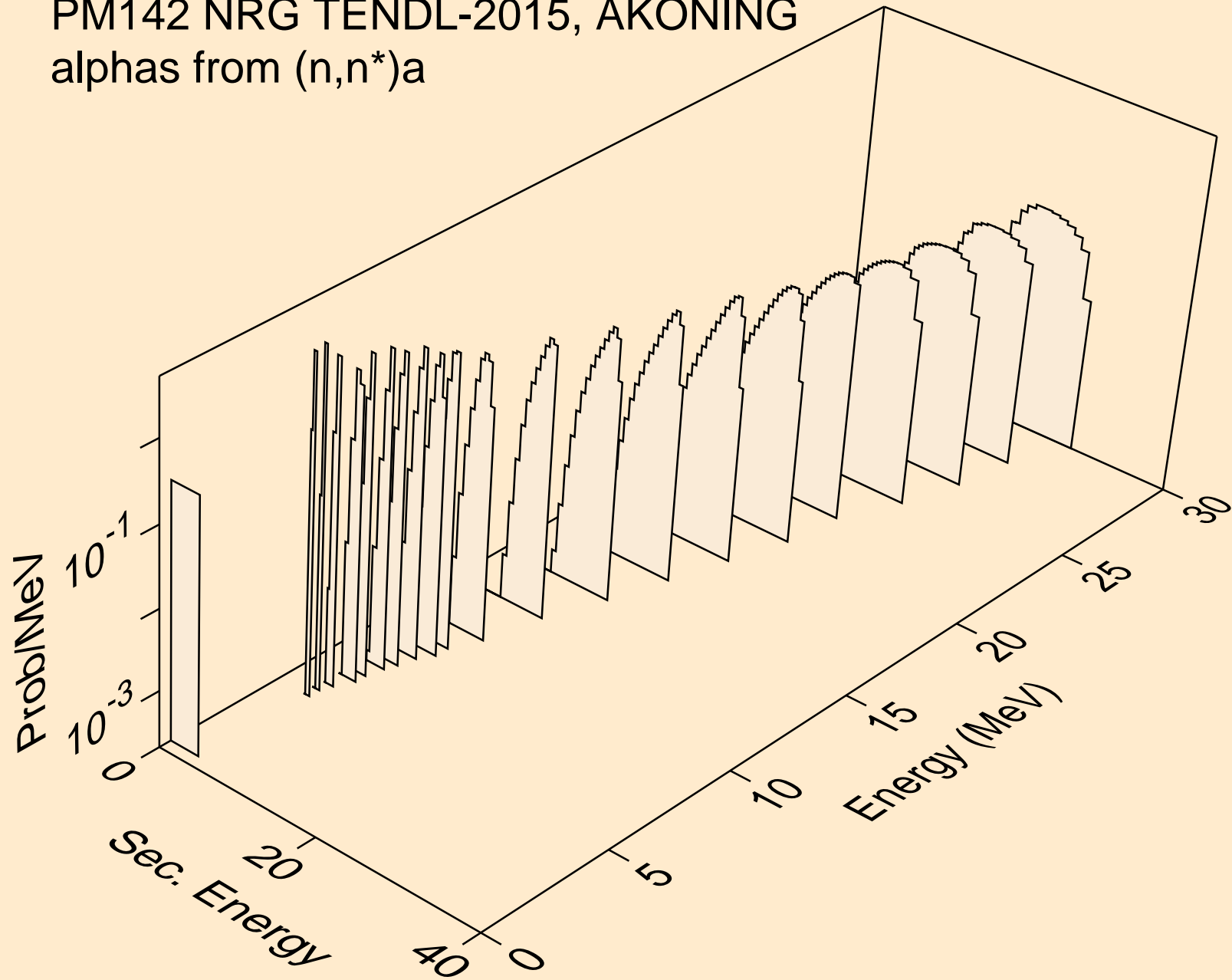


PM142 NRG TENDL-2015, AKONING  
alphas from (n,x)

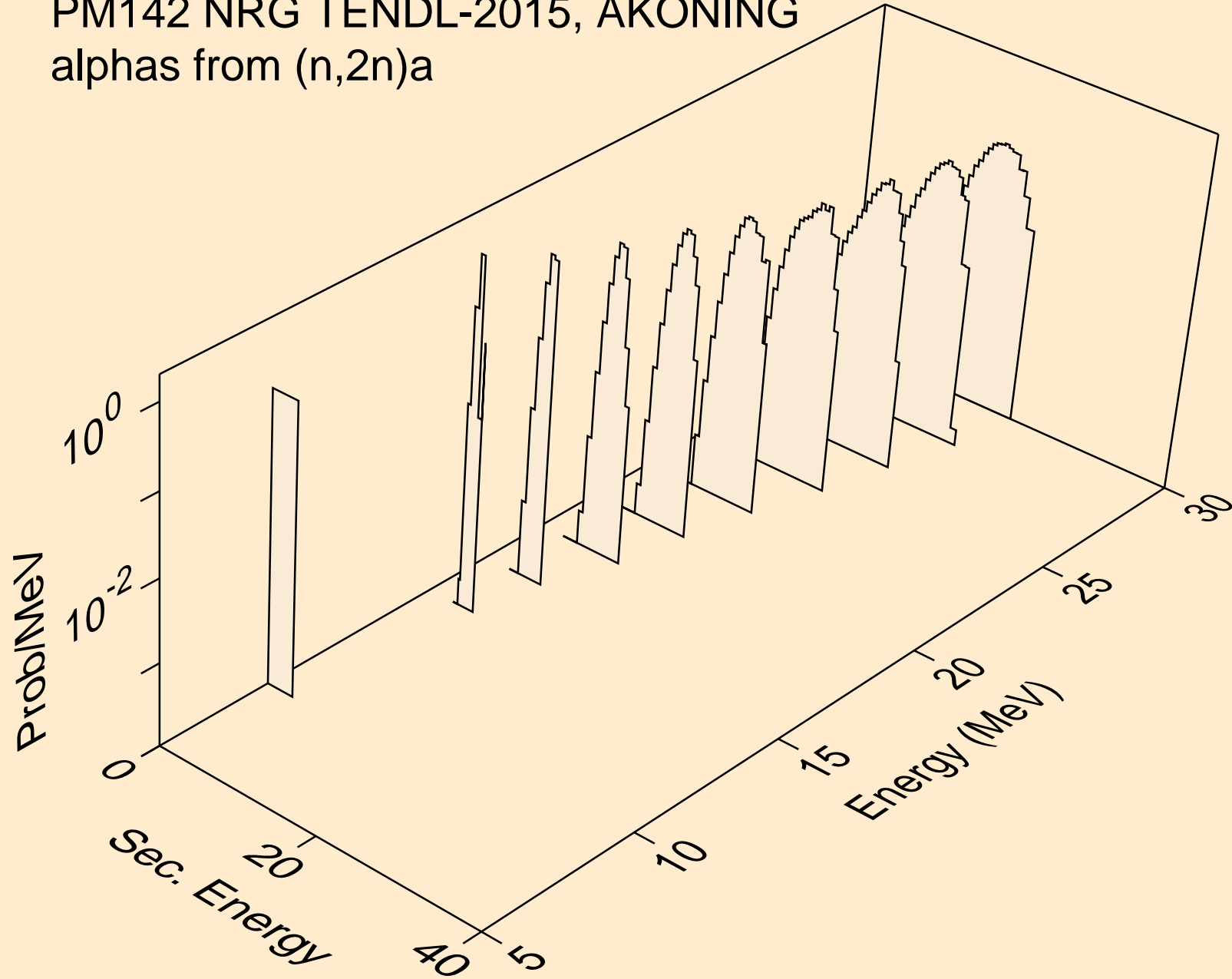




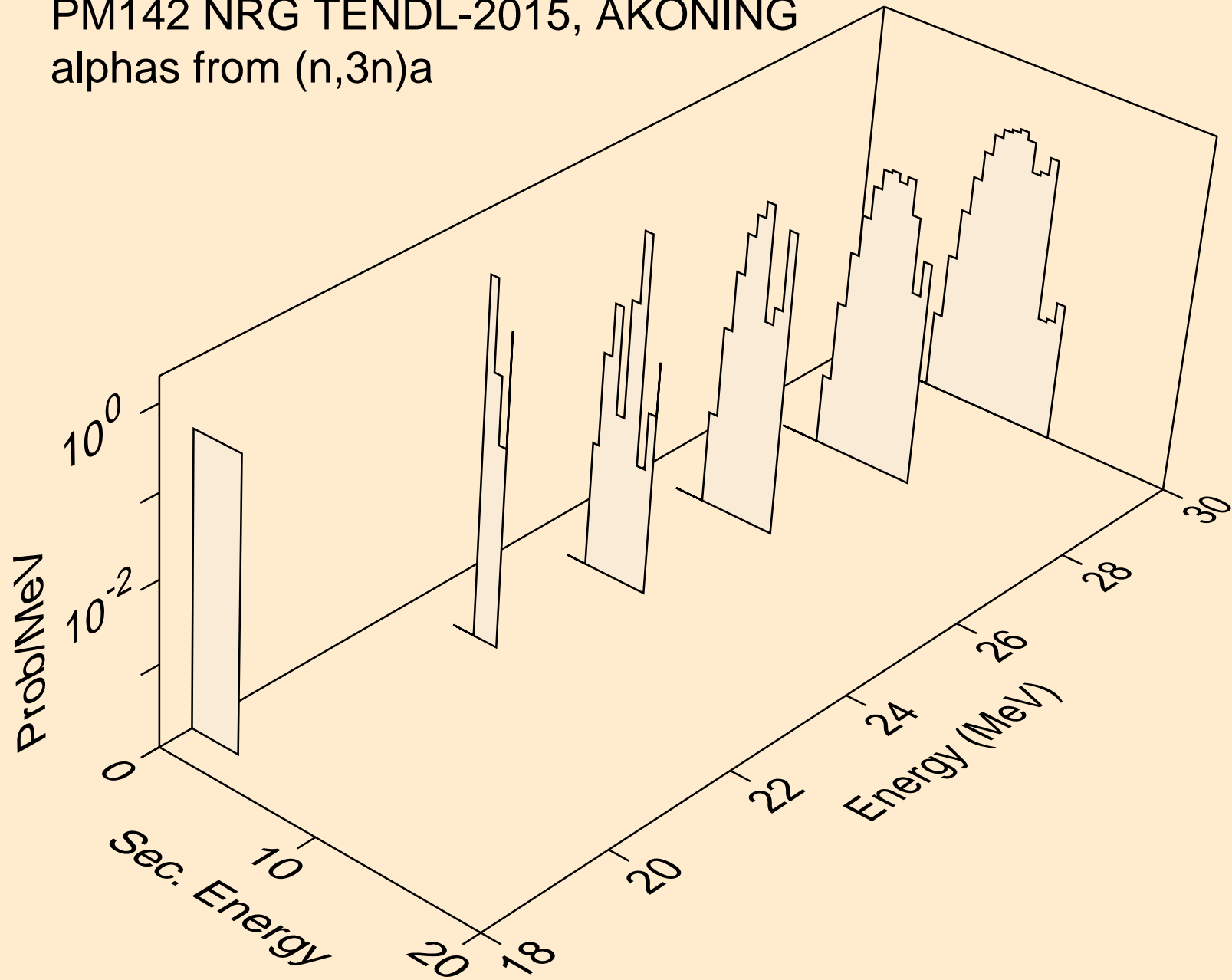
PM142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



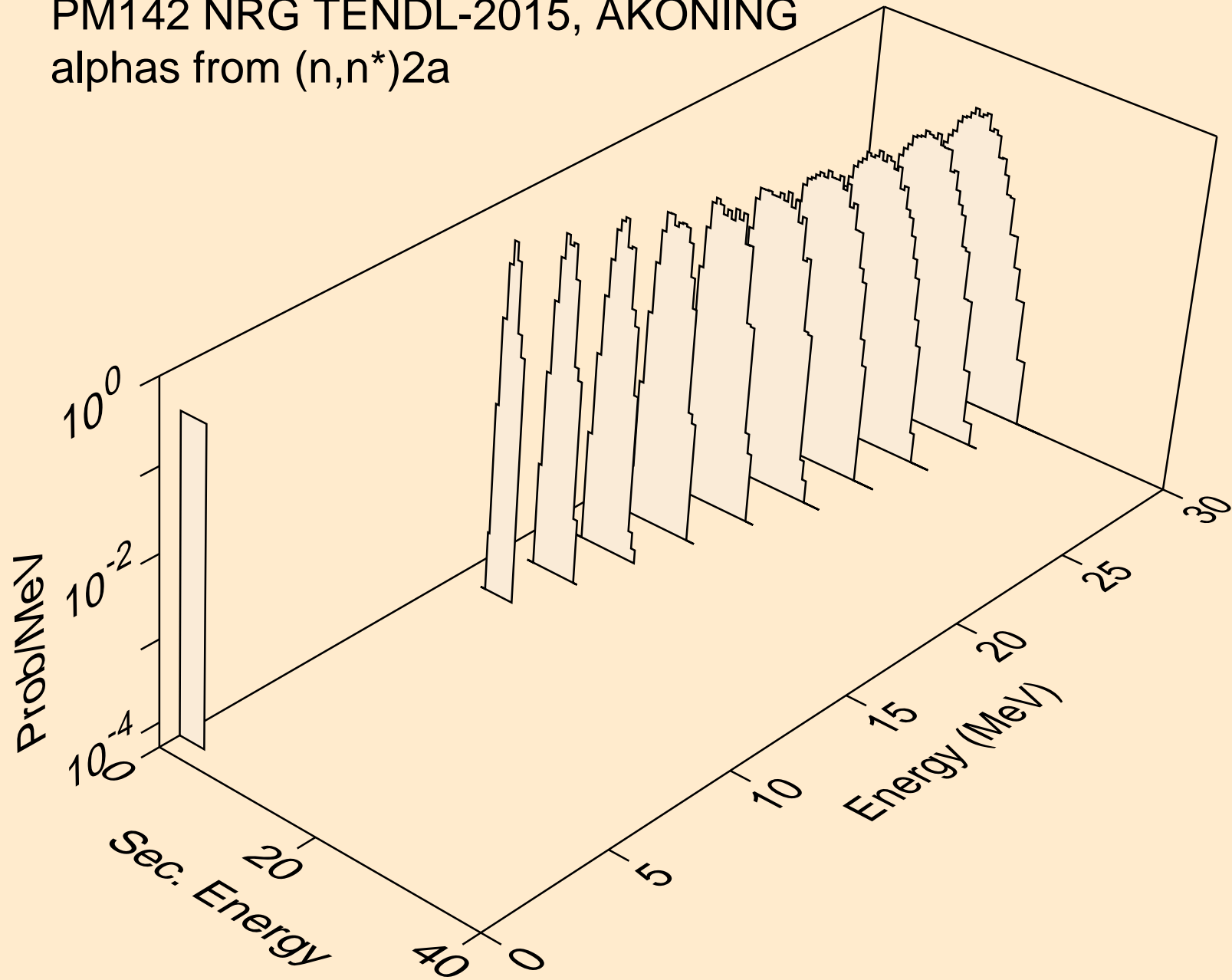
PM142 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



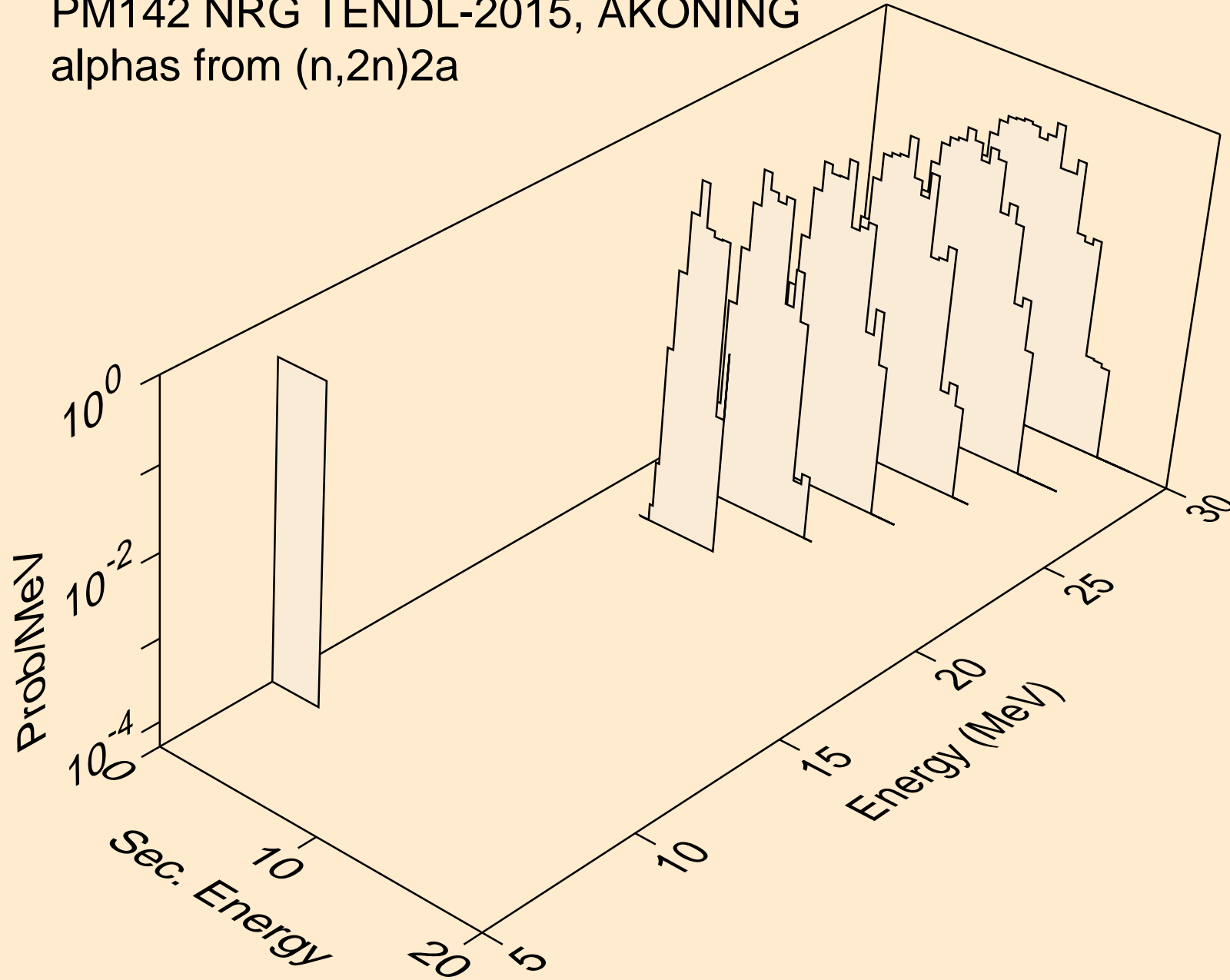
PM142 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



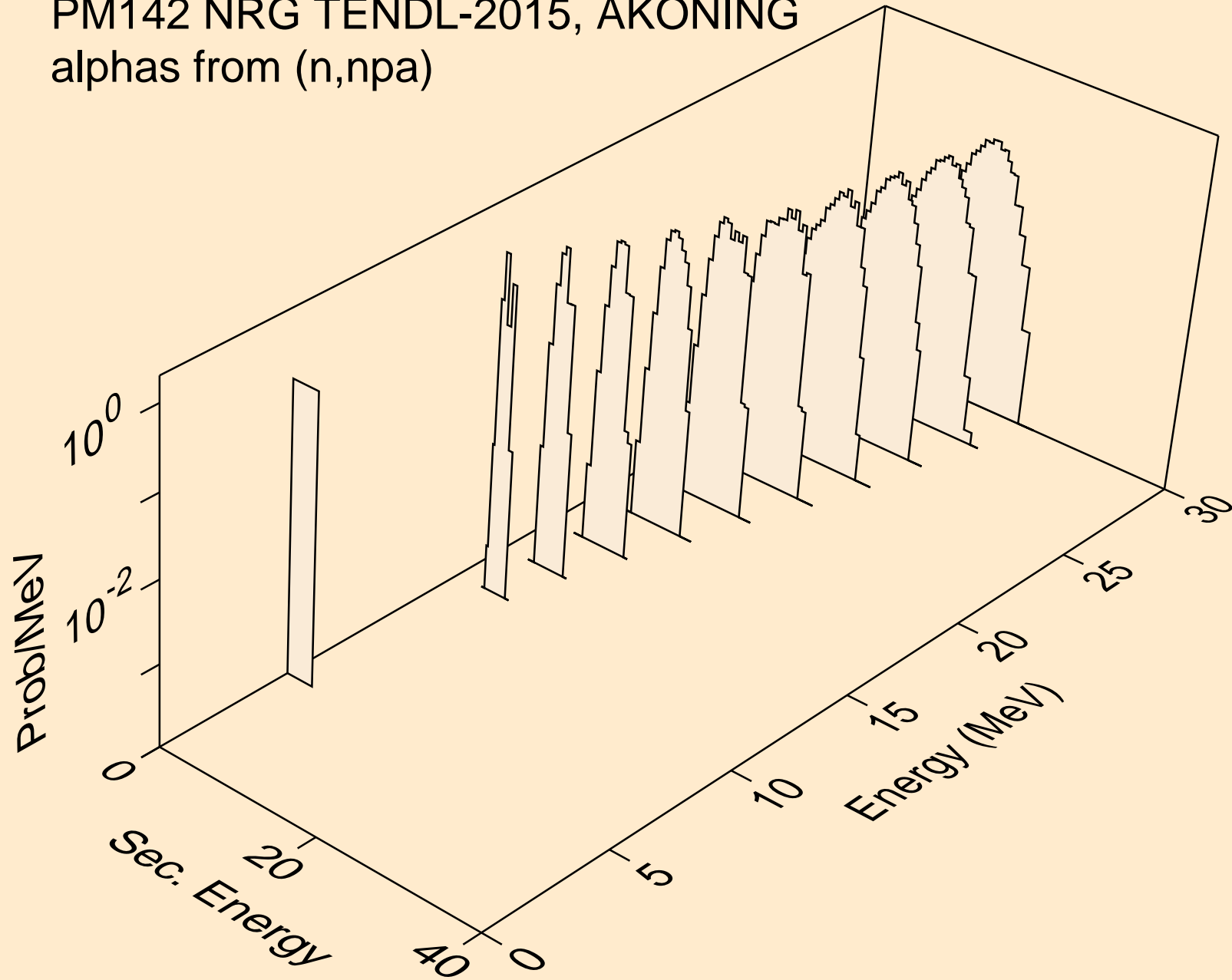
PM142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



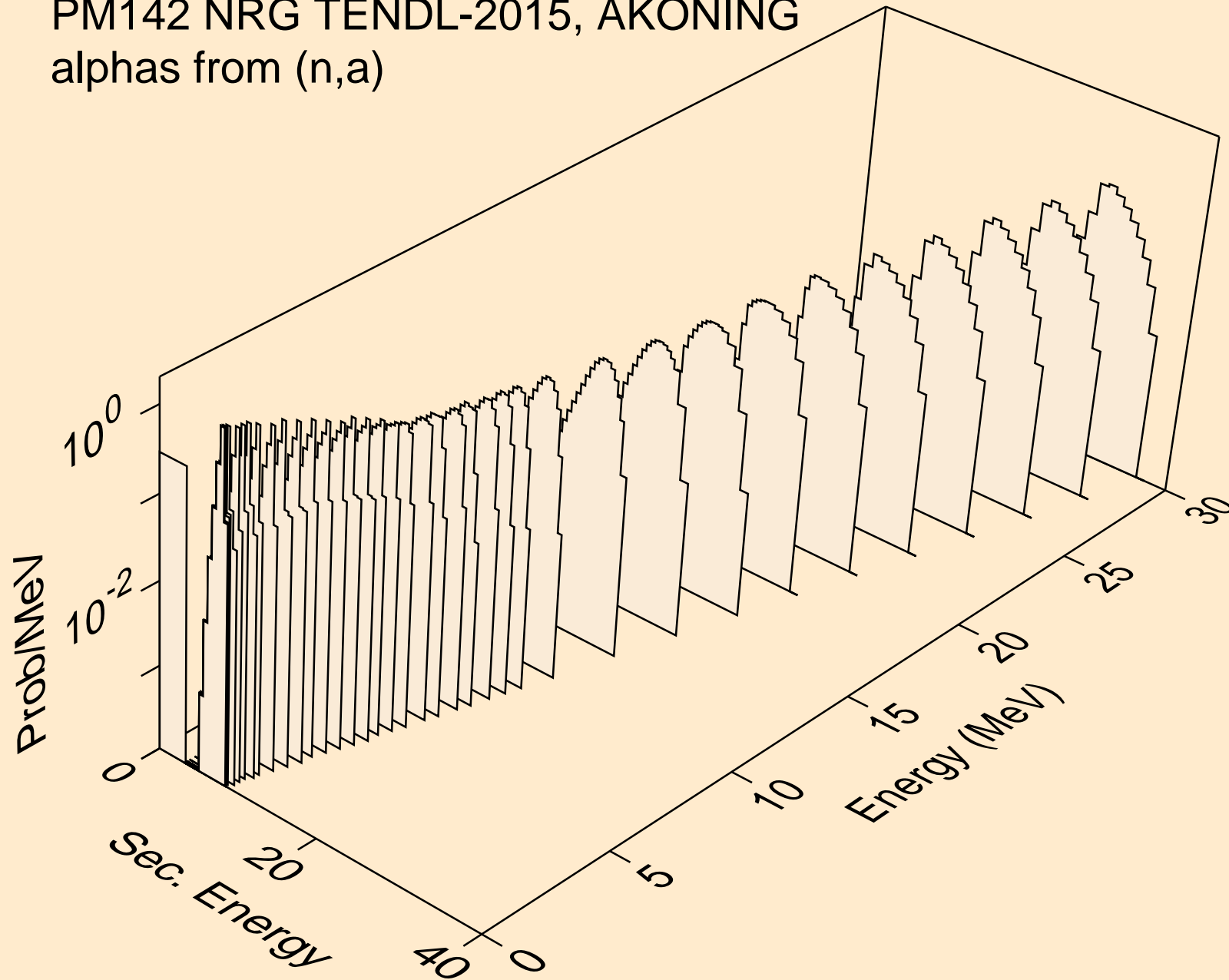
PM142 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



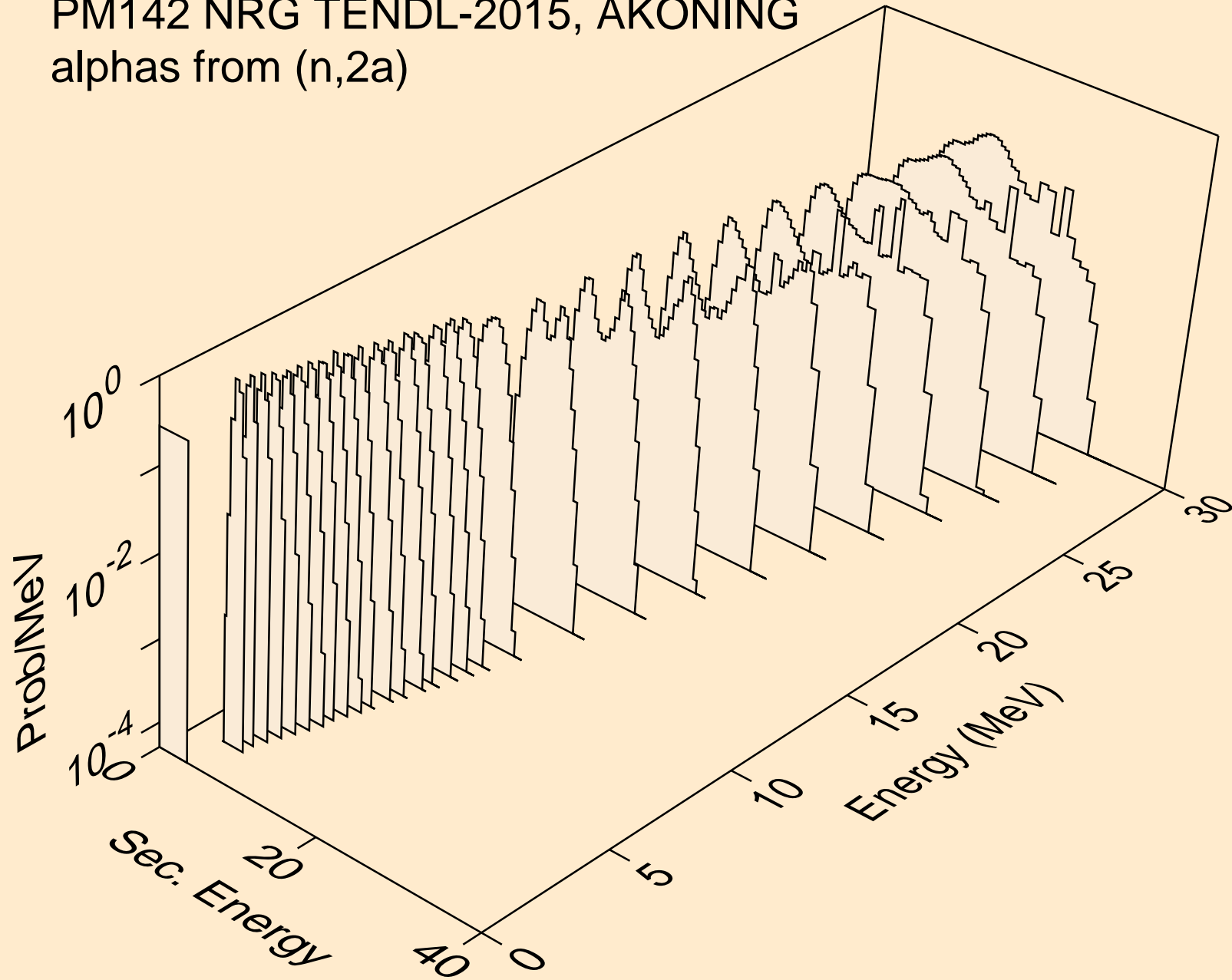
PM142 NRG TENDL-2015, AKONING  
alphas from (n,npa)



PM142 NRG TENDL-2015, AKONING  
alphas from (n,a)

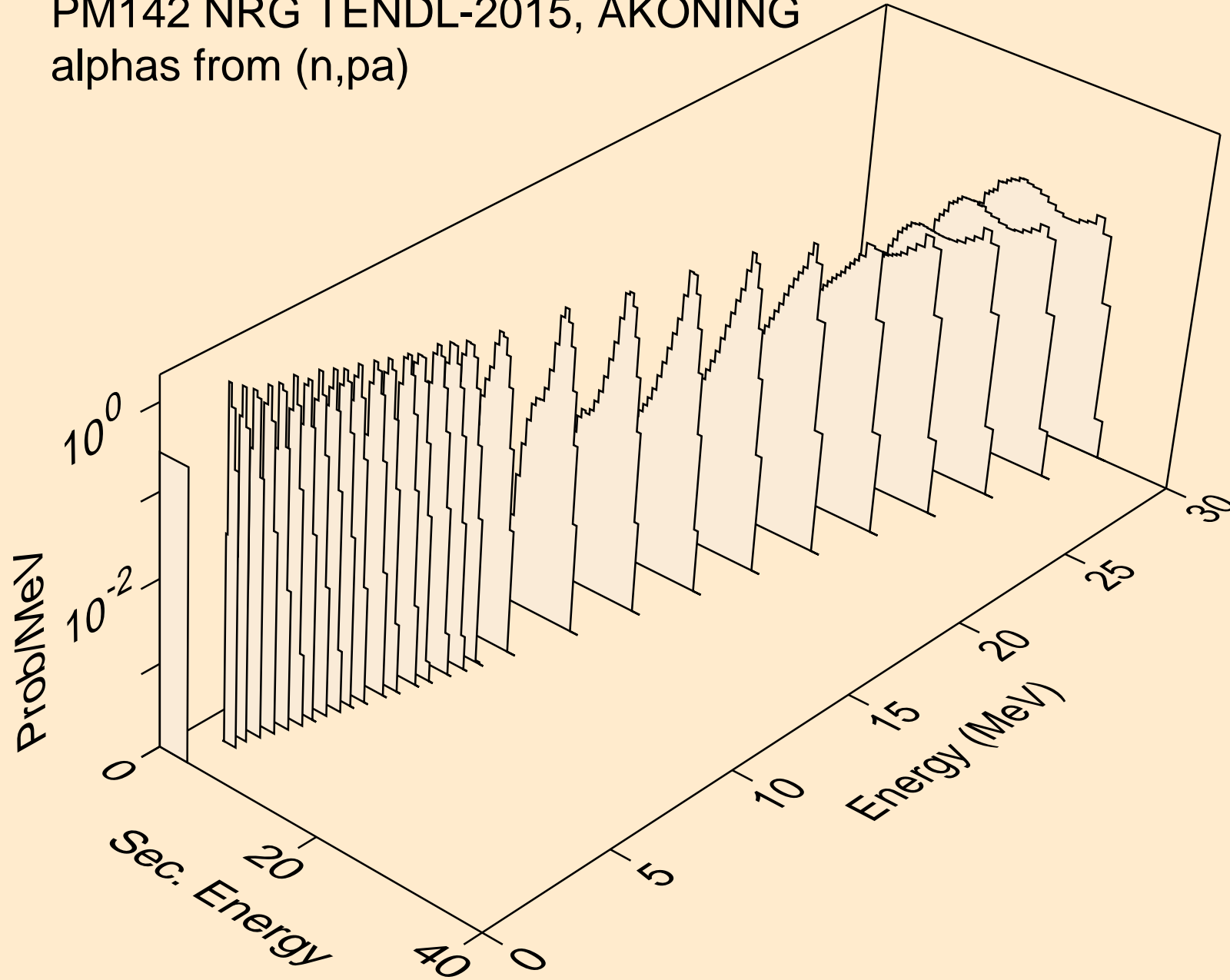


PM142 NRG TENDL-2015, AKONING  
alphas from (n,2a)





PM142 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PM142 NRG TENDL-2015, AKONING  
alphas from (n,da)

