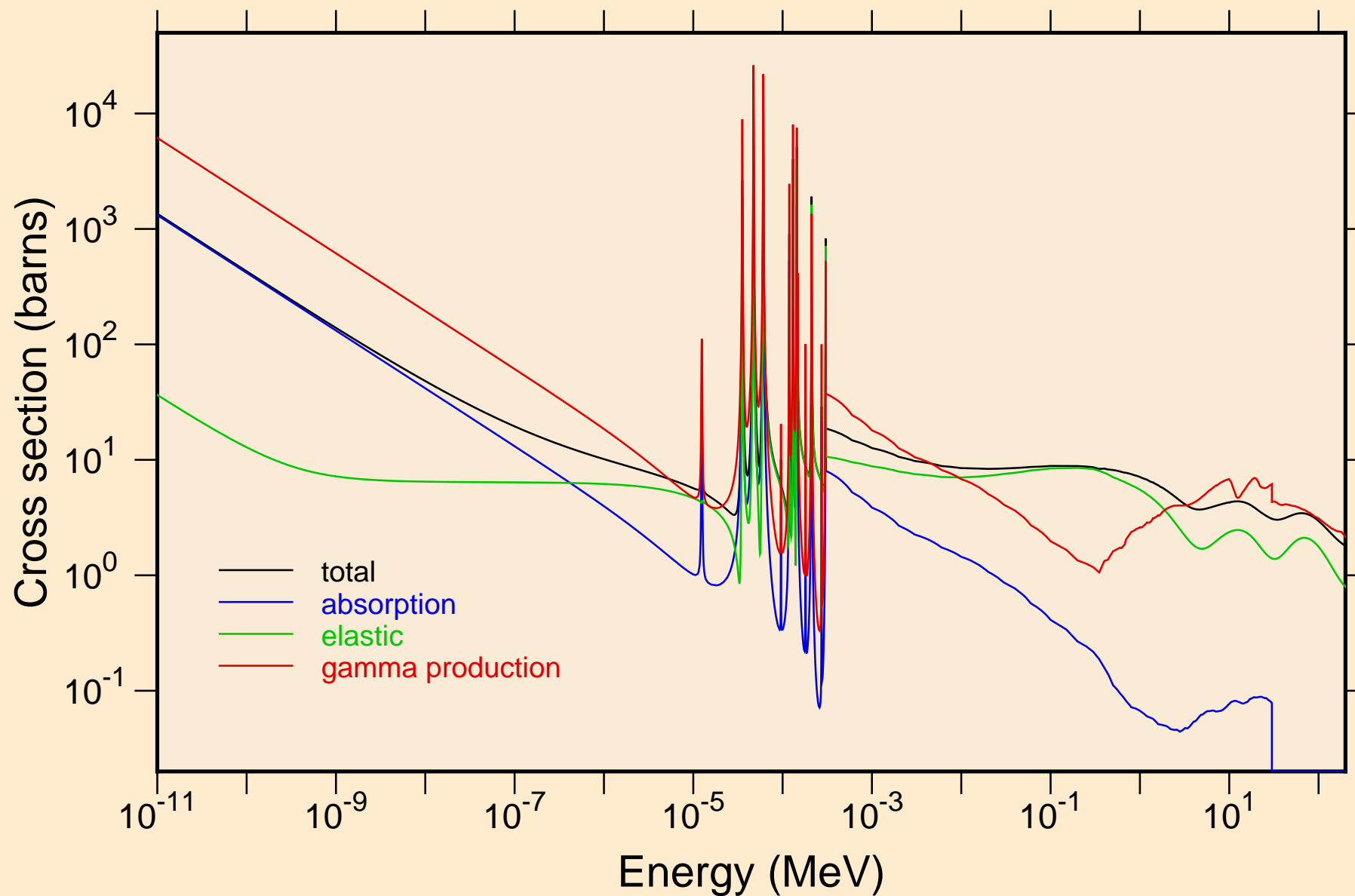


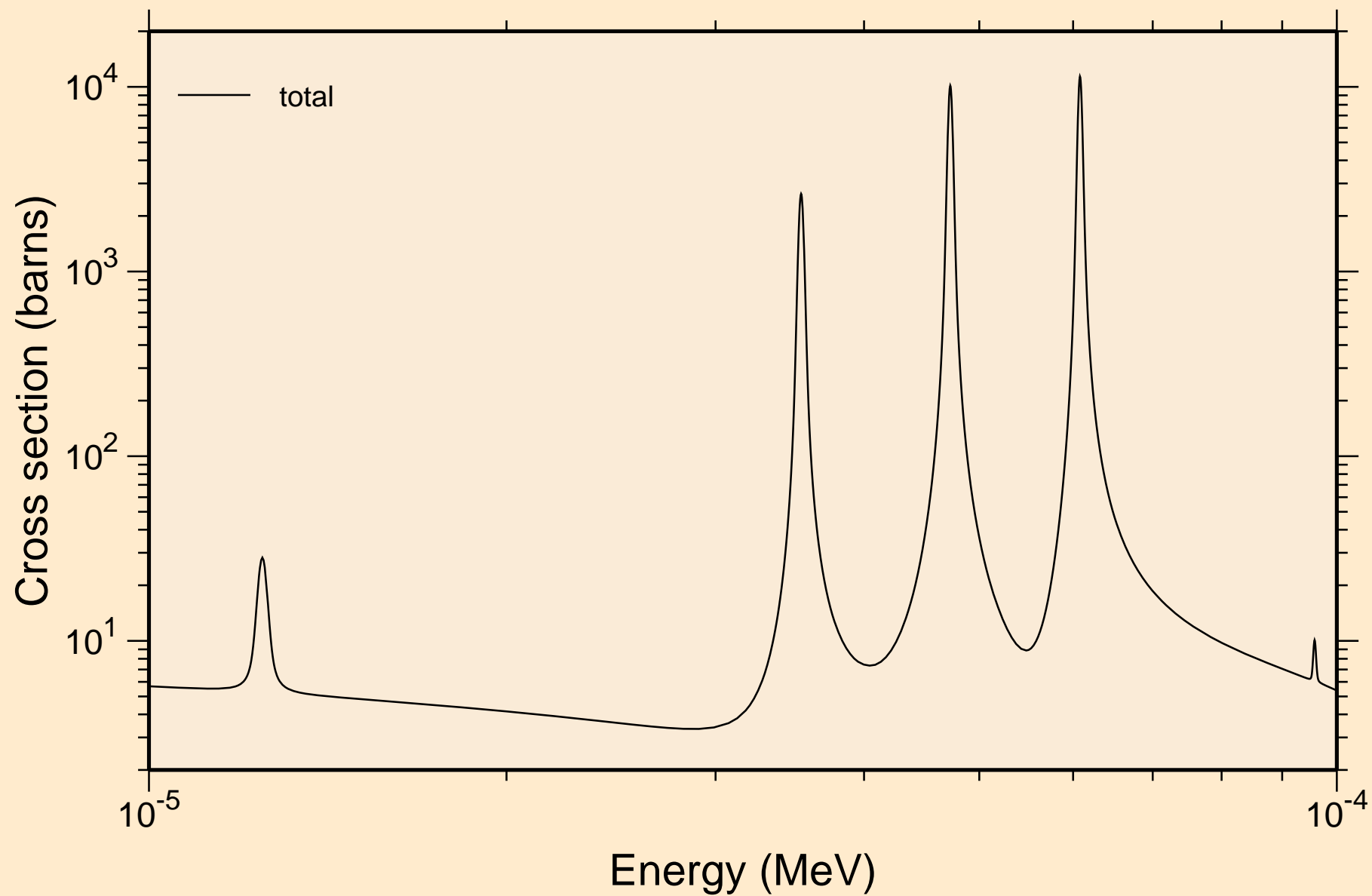
# AG105 NRG TENDL-2015, AKONING

## Principal cross sections

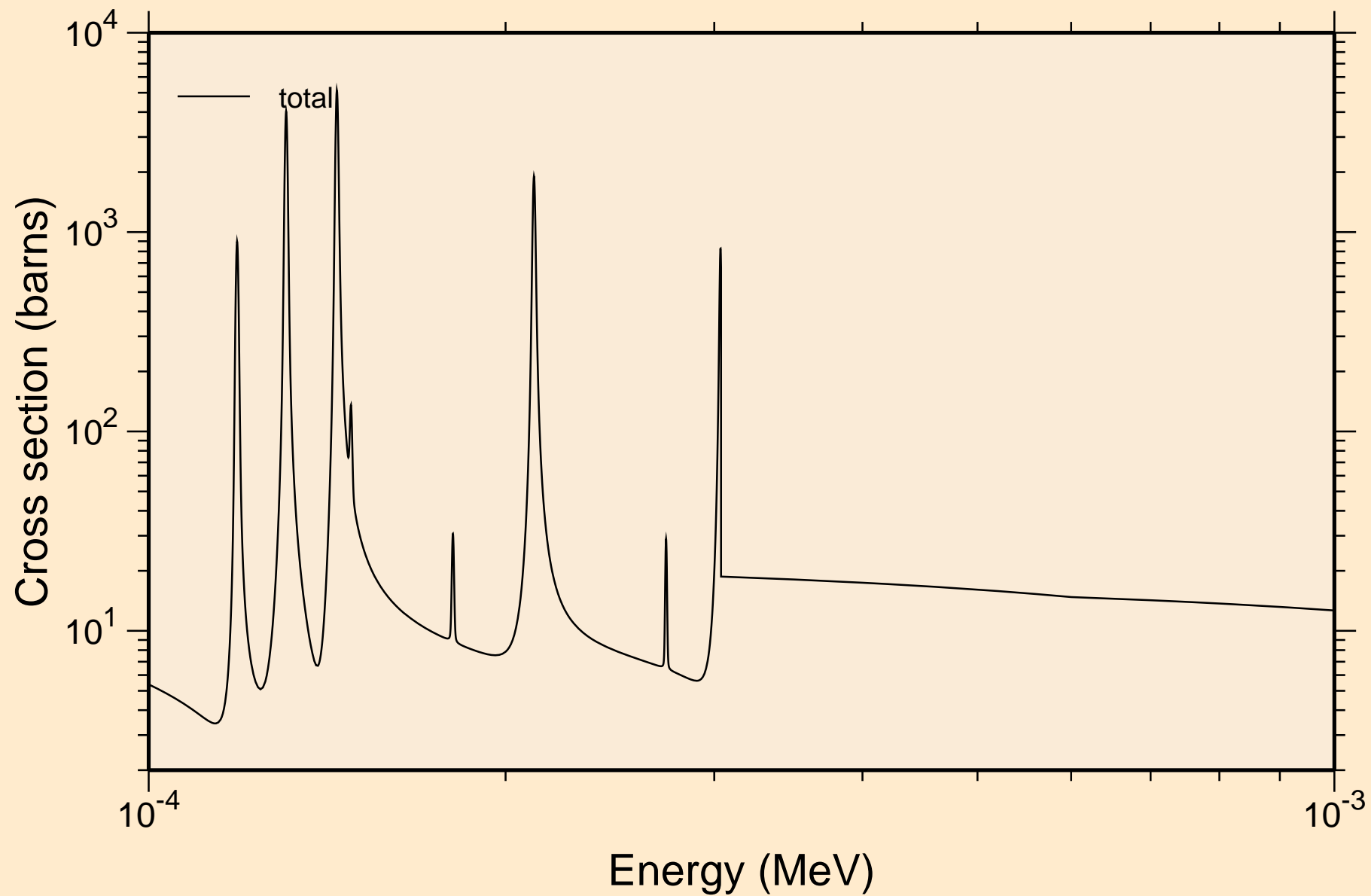


# AG105 NRG TENDL-2015, AKONING

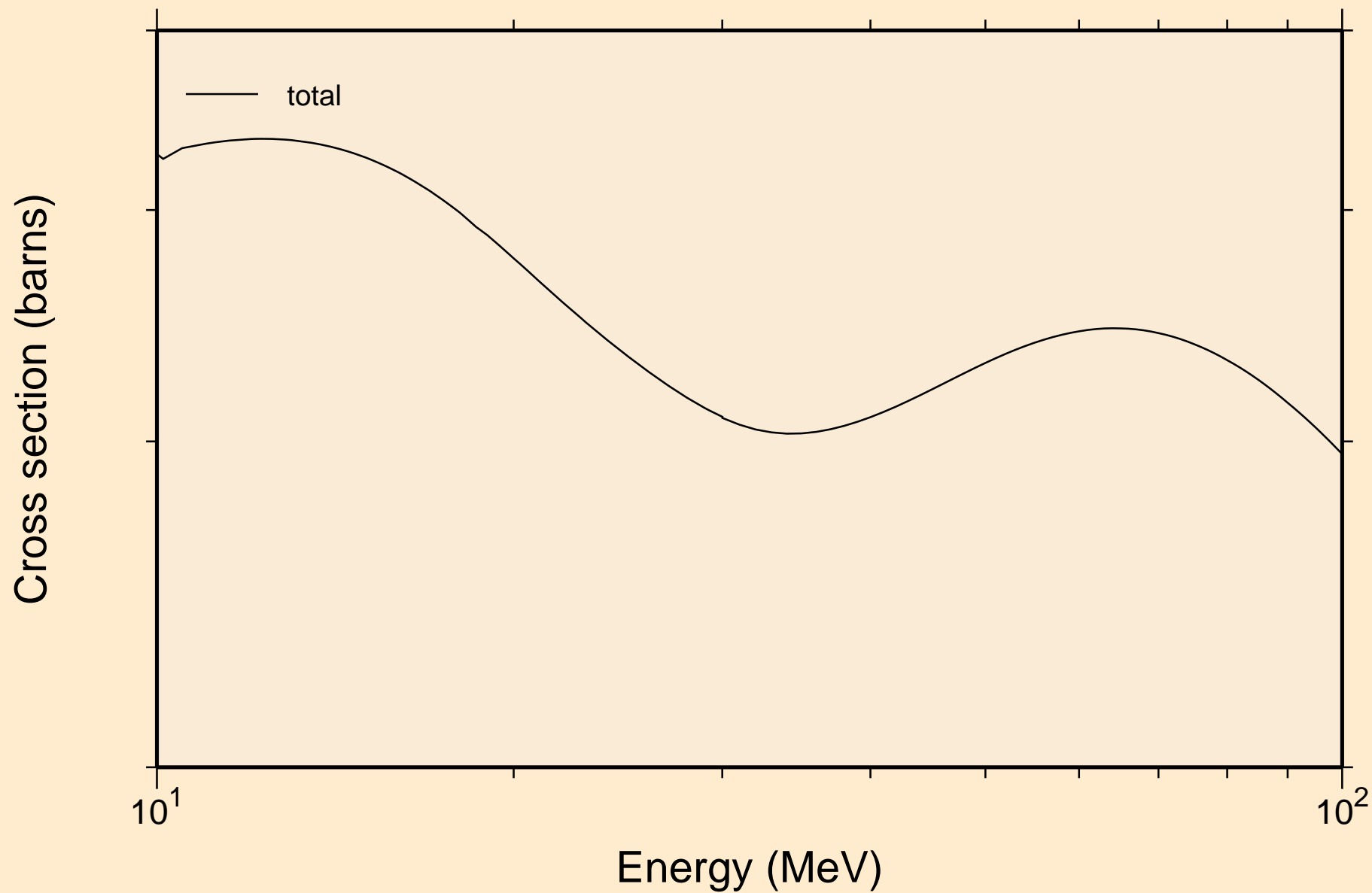
## resonance total cross section



AG105 NRG TENDL-2015, AKONING  
resonance total cross section

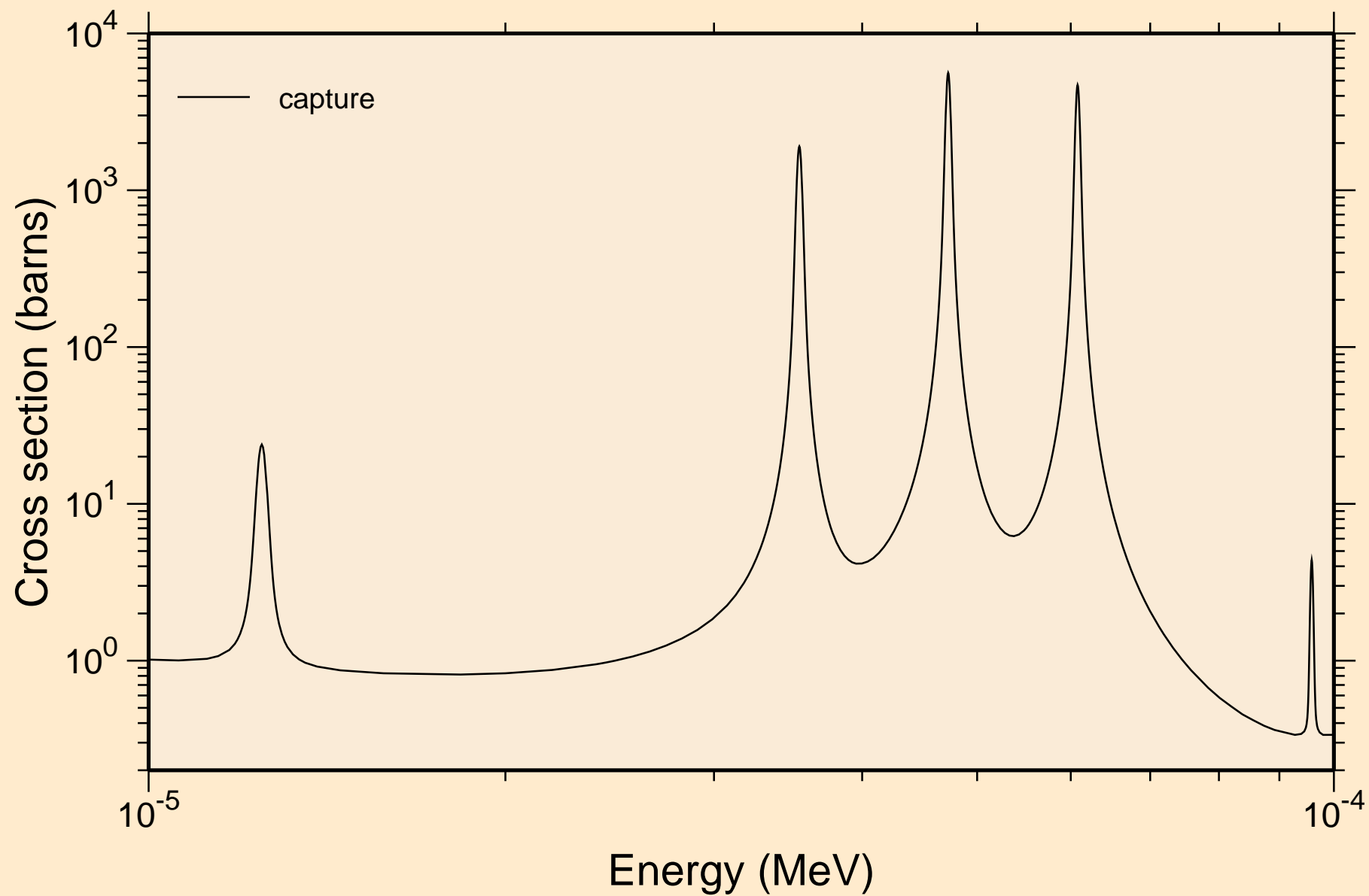


AG105 NRG TENDL-2015, AKONING  
resonance total cross section

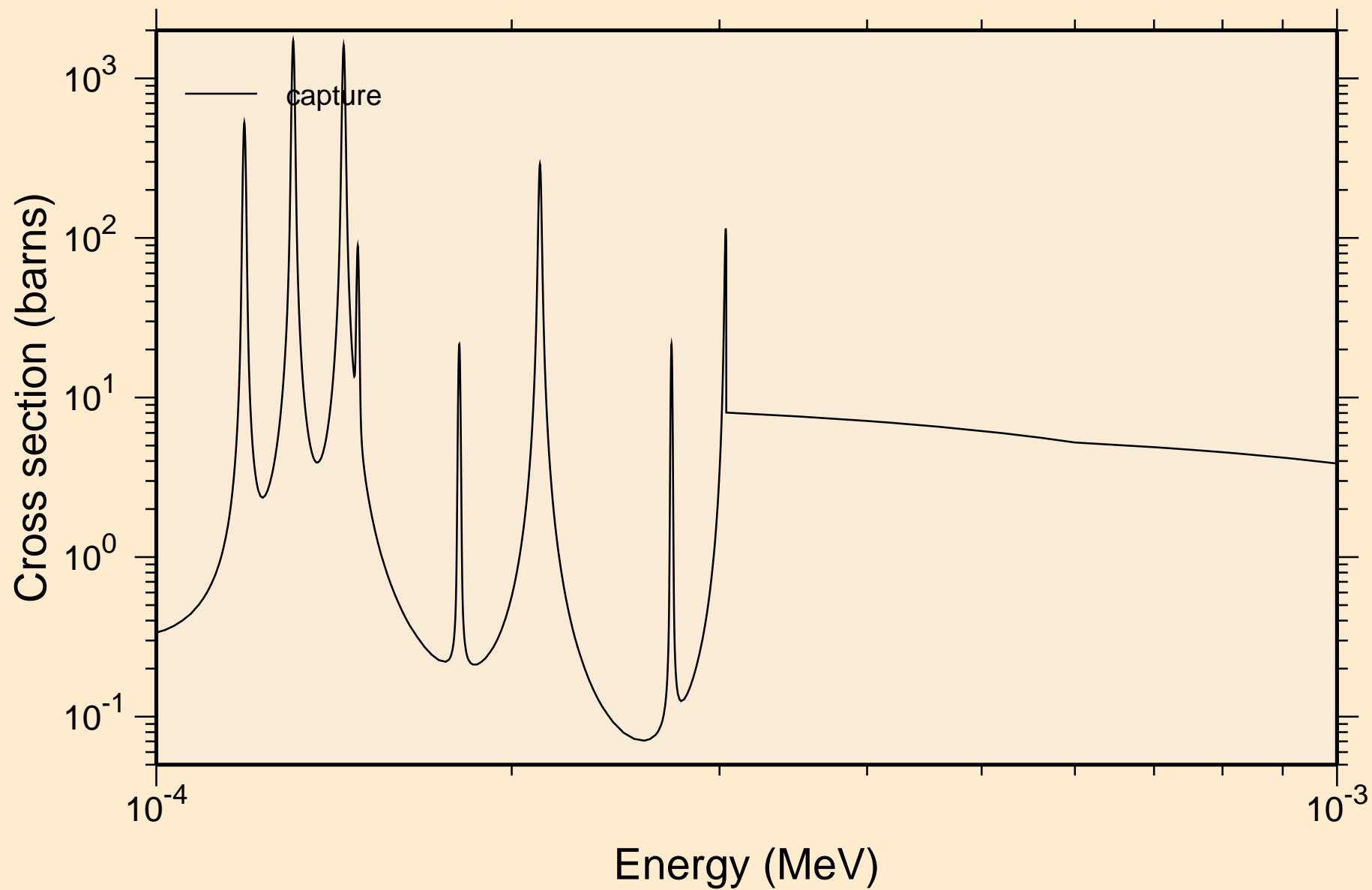


# AG105 NRG TENDL-2015, AKONING

## resonance absorption cross sections

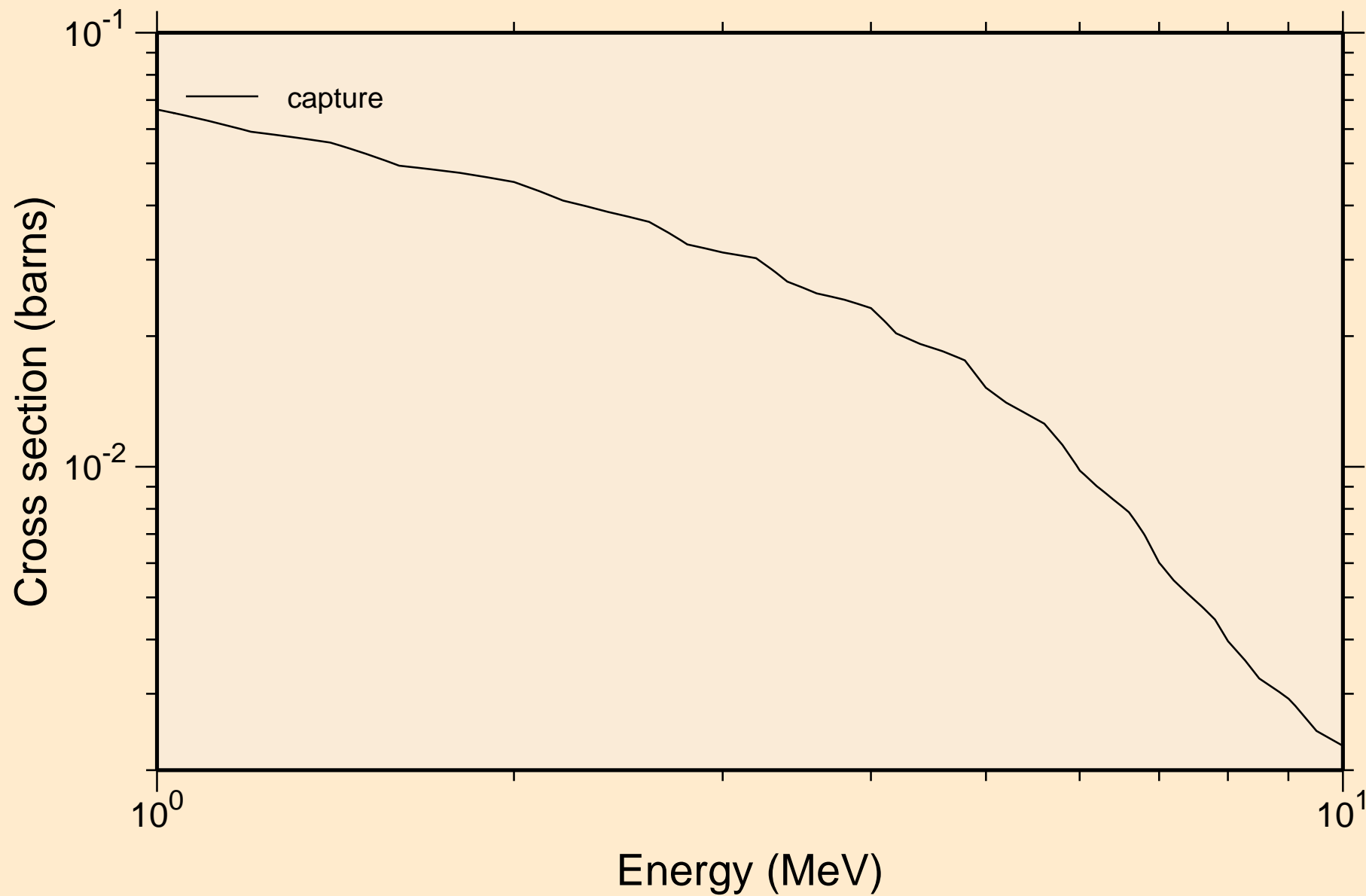


AG105 NRG TENDL-2015, AKONING  
resonance absorption cross sections



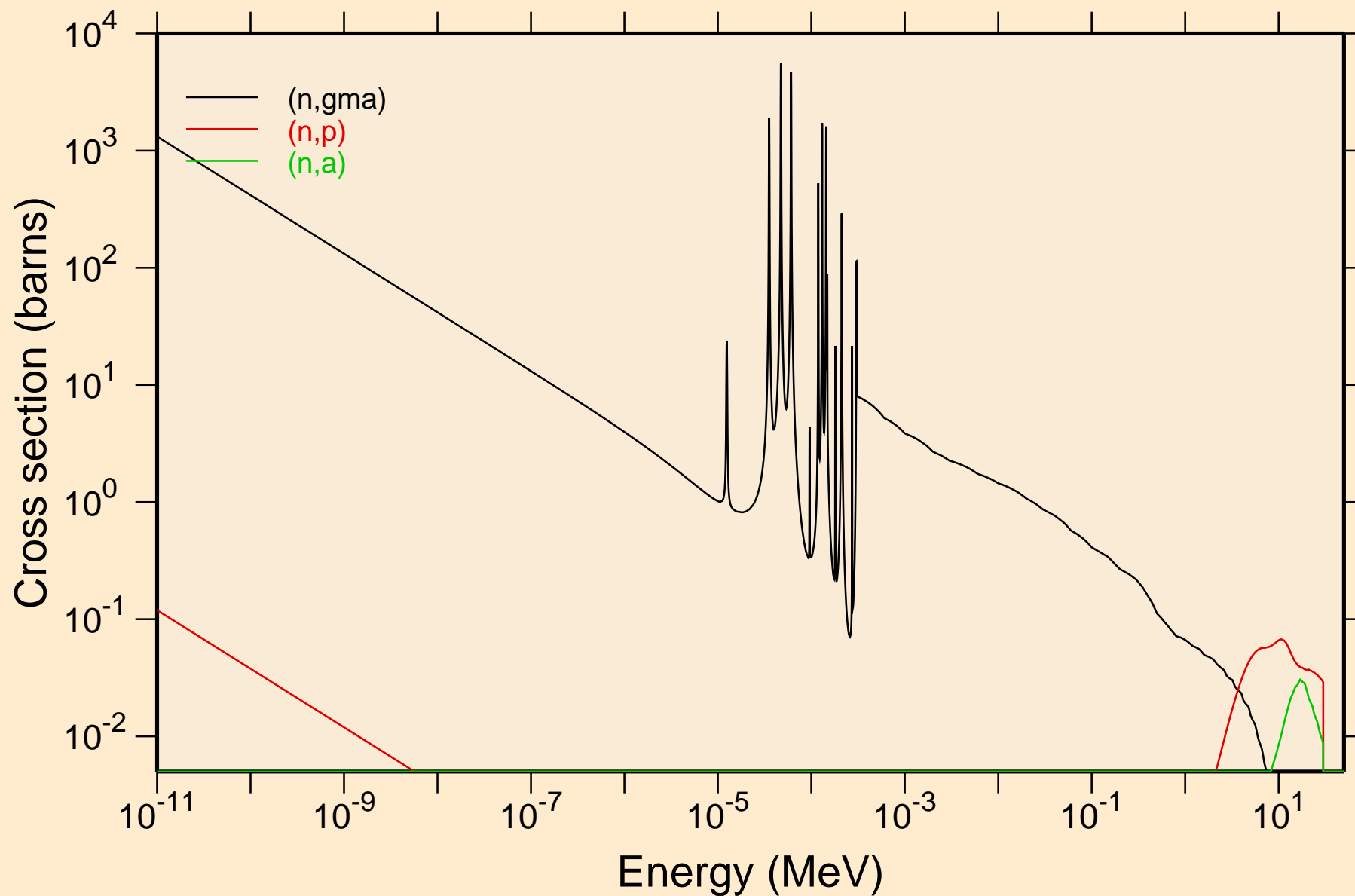
# AG105 NRG TENDL-2015, AKONING

## resonance absorption cross sections



# AG105 NRG TENDL-2015, AKONING

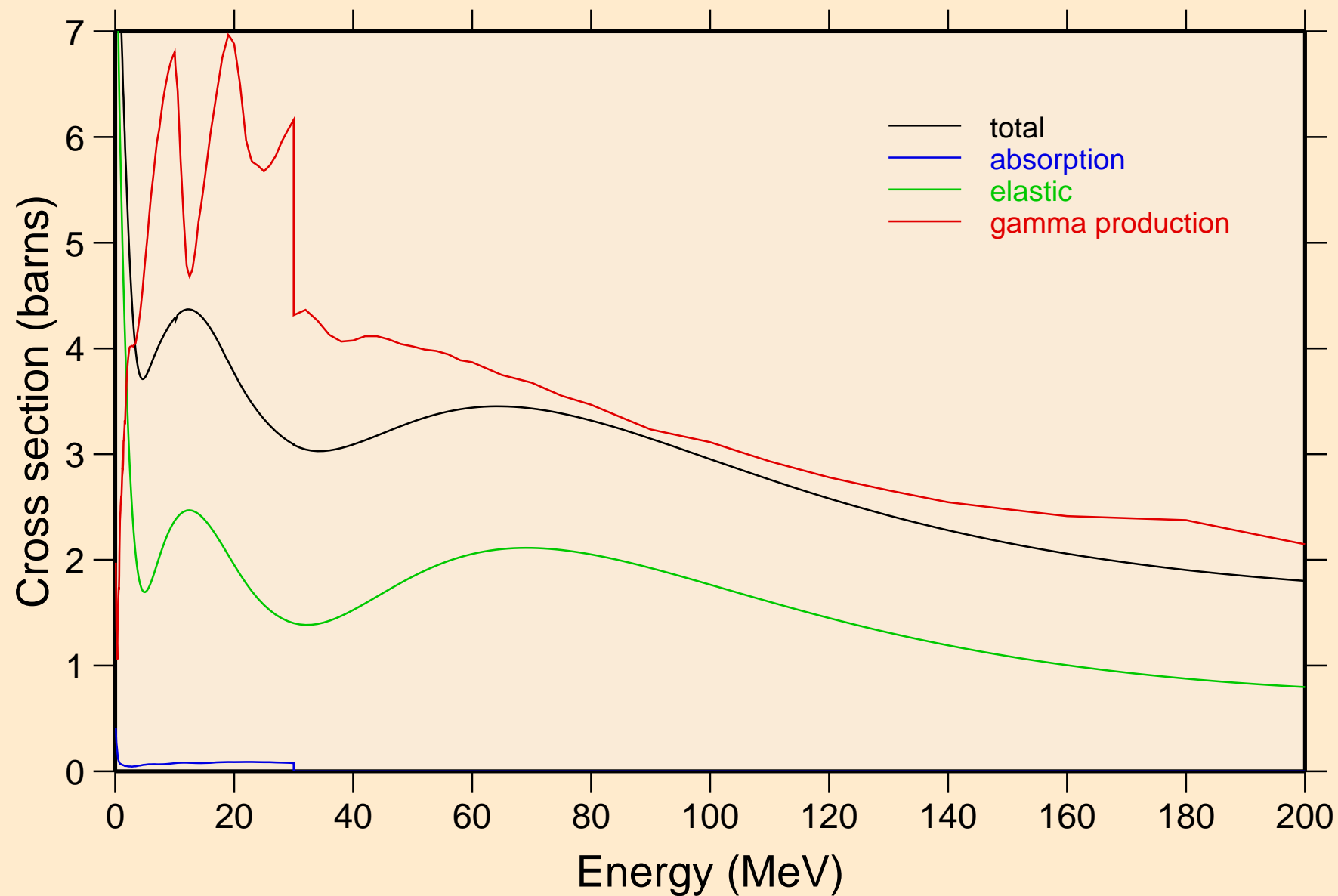
## Non-threshold reactions





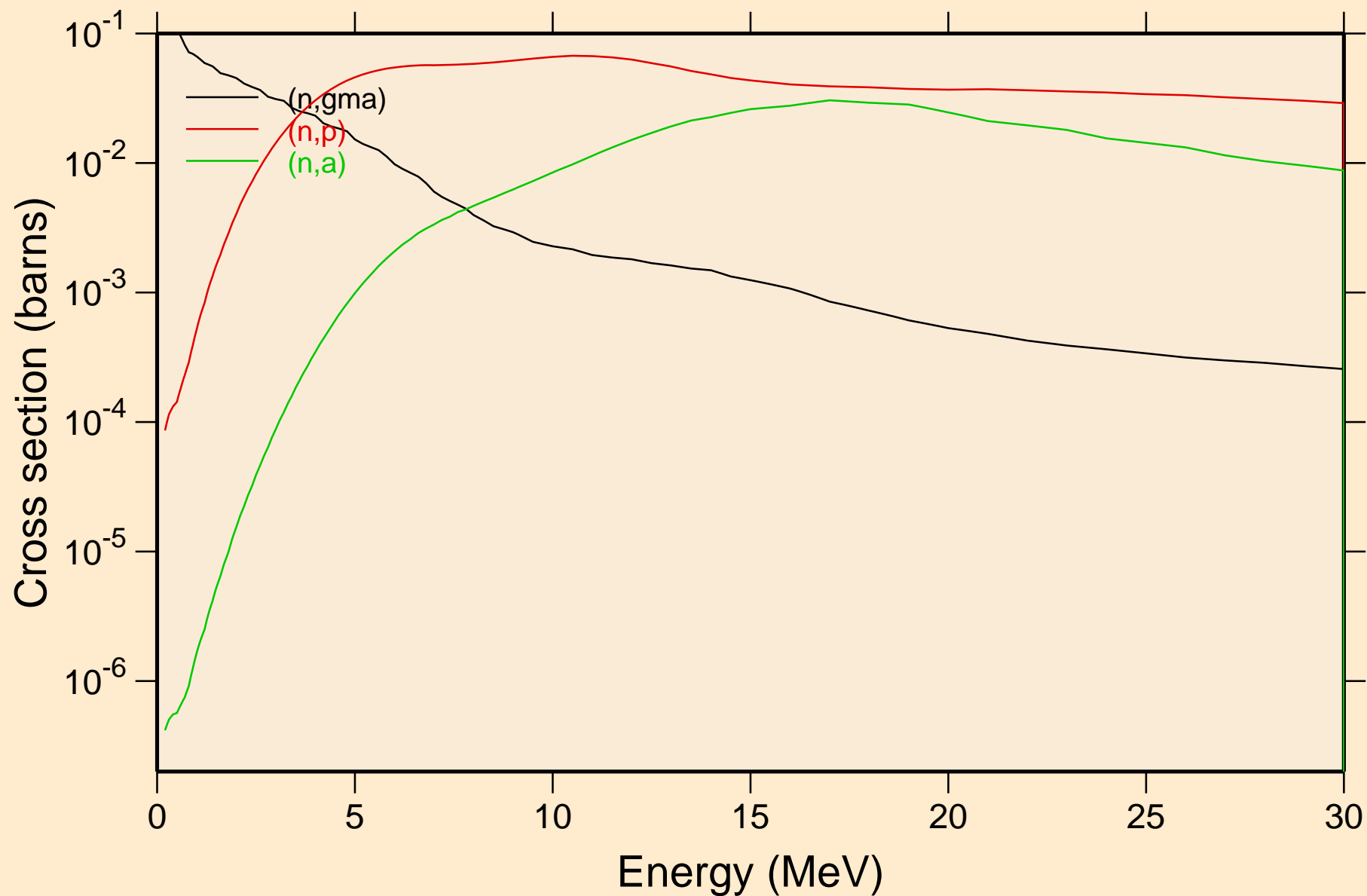
# AG105 NRG TENDL-2015, AKONING

## Principal cross sections



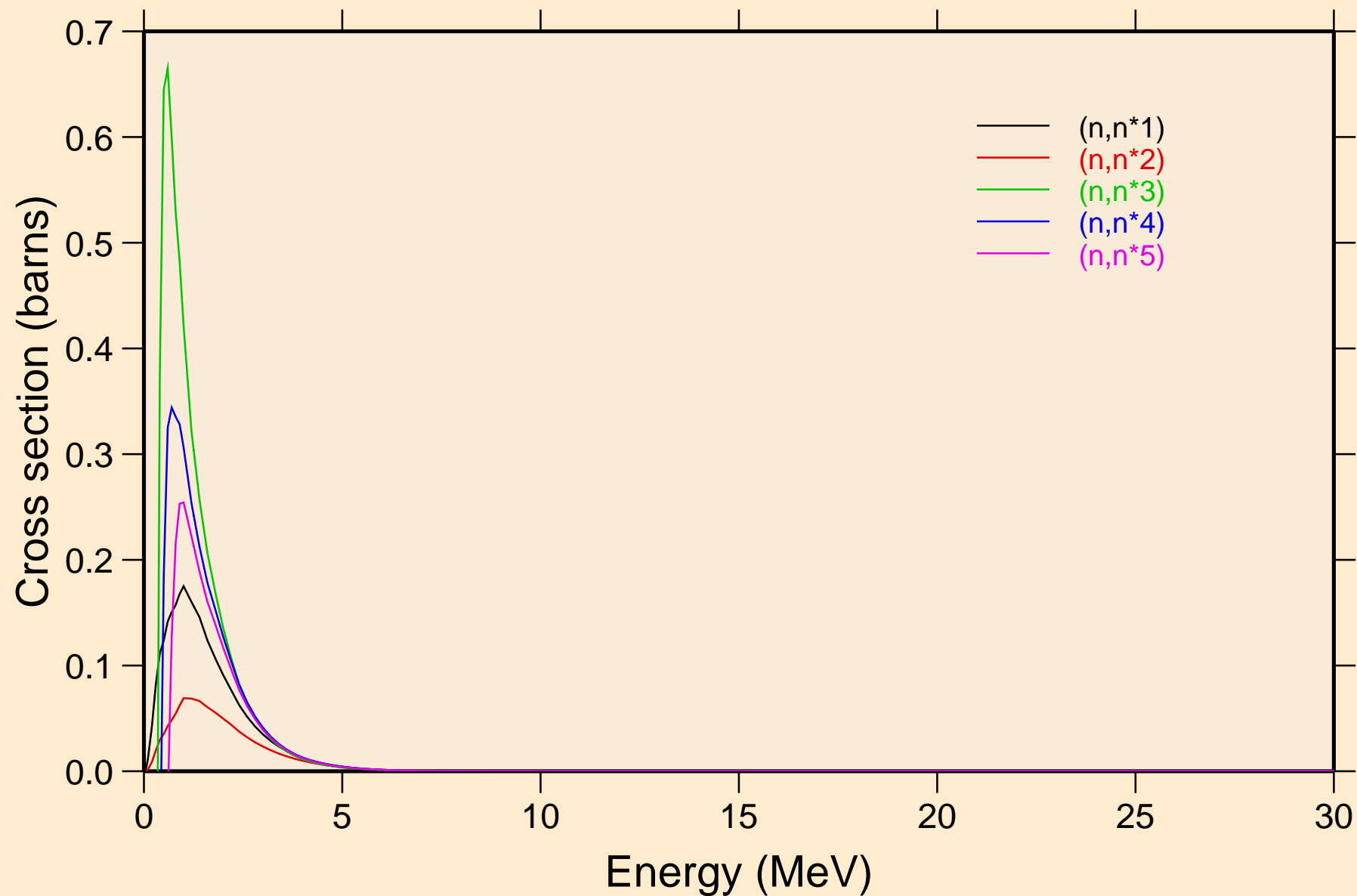
# AG105 NRG TENDL-2015, AKONING

## Non-threshold reactions



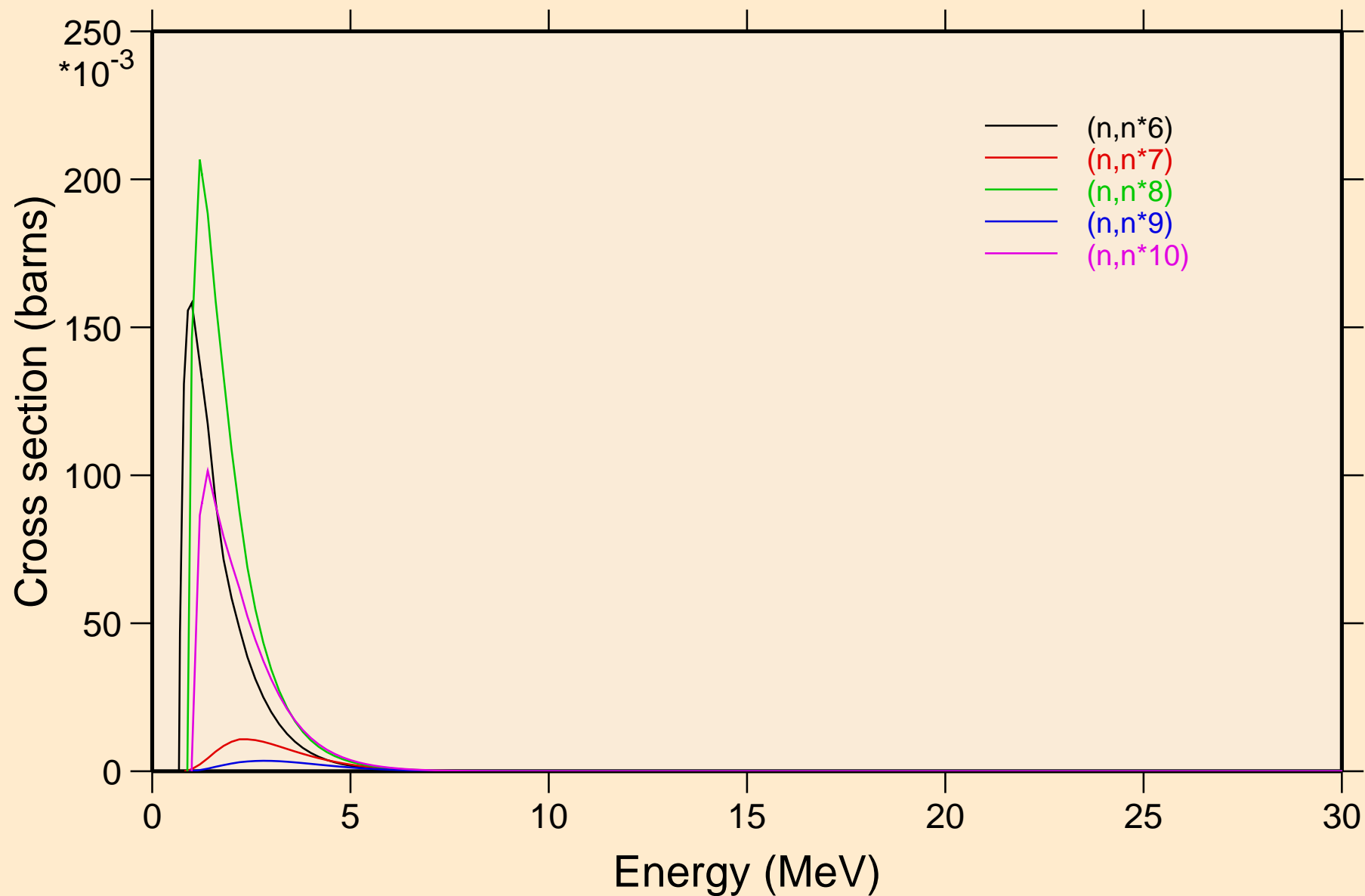
# AG105 NRG TENDL-2015, AKONING

## Inelastic levels



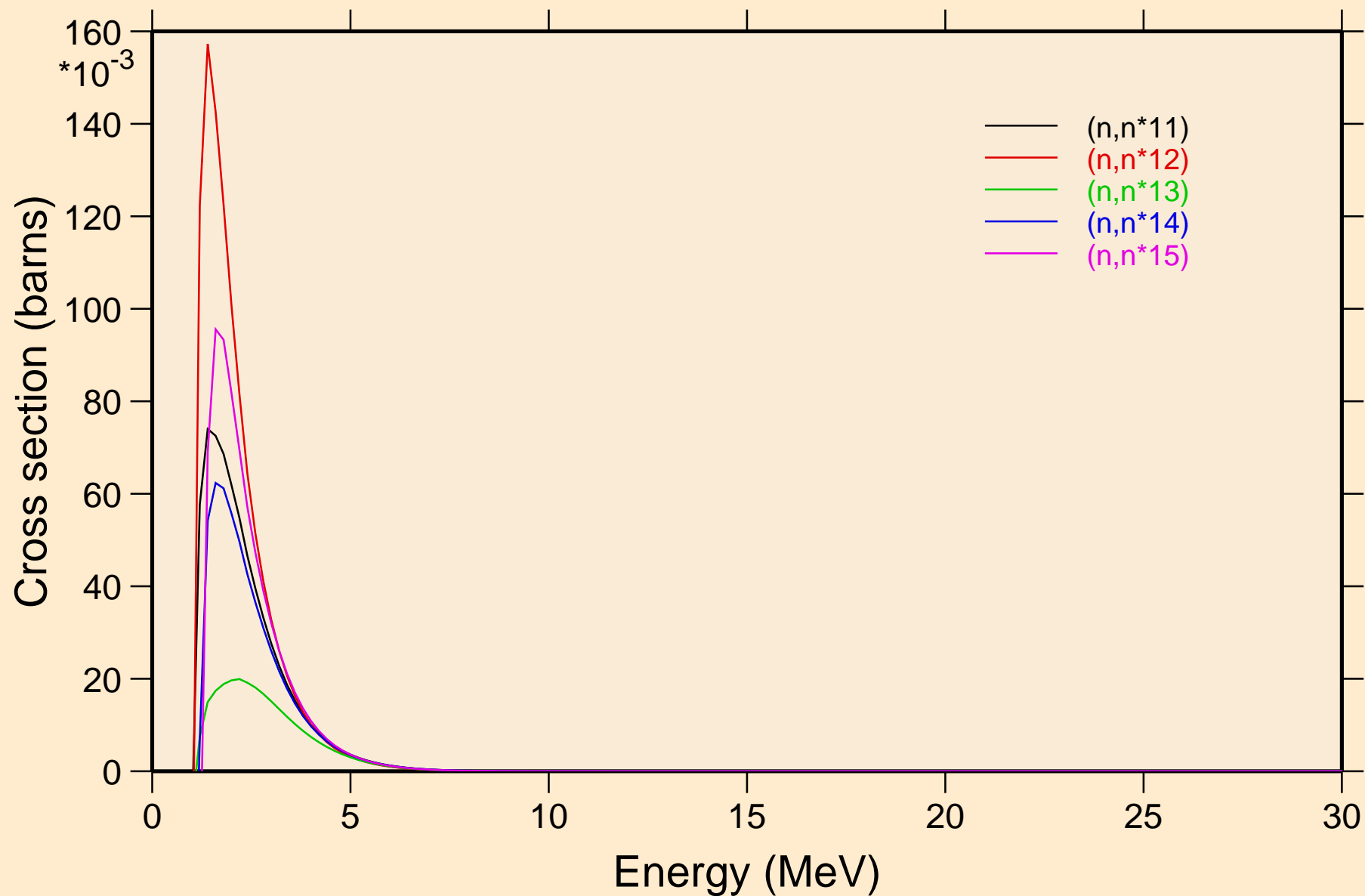
# AG105 NRG TENDL-2015, AKONING

## Inelastic levels



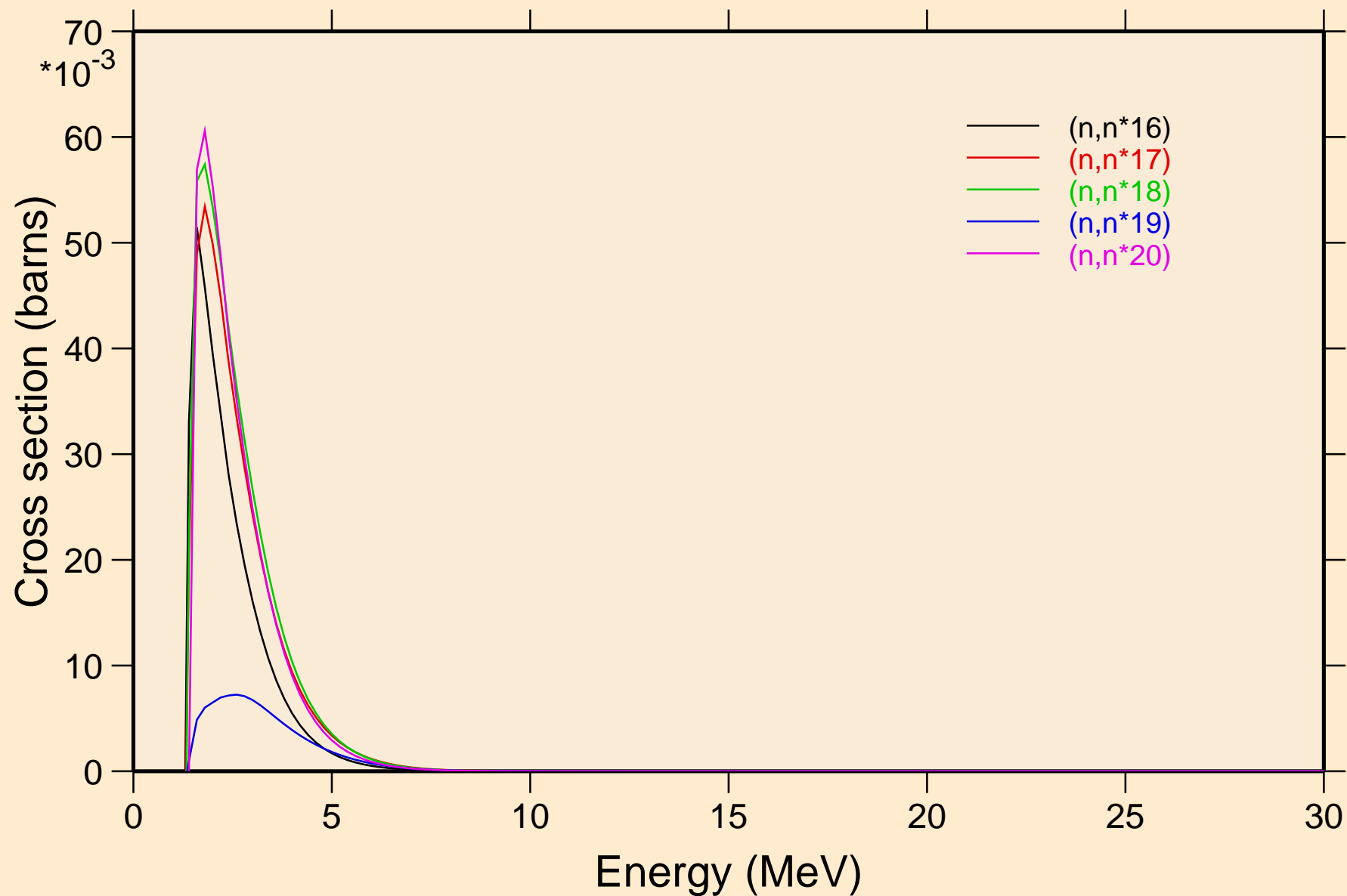
# AG105 NRG TENDL-2015, AKONING

## Inelastic levels



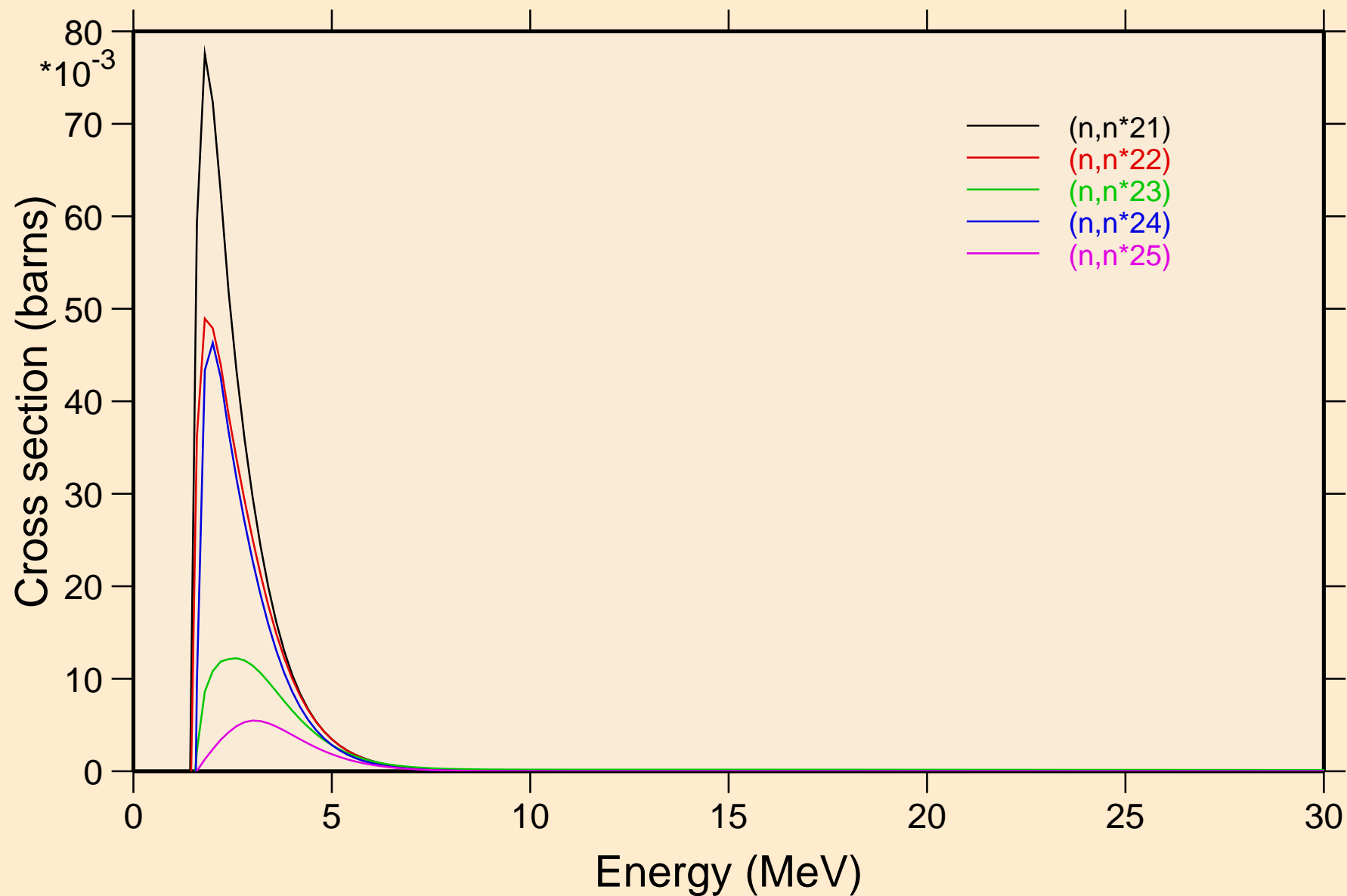
# AG105 NRG TENDL-2015, AKONING

Inelastic levels



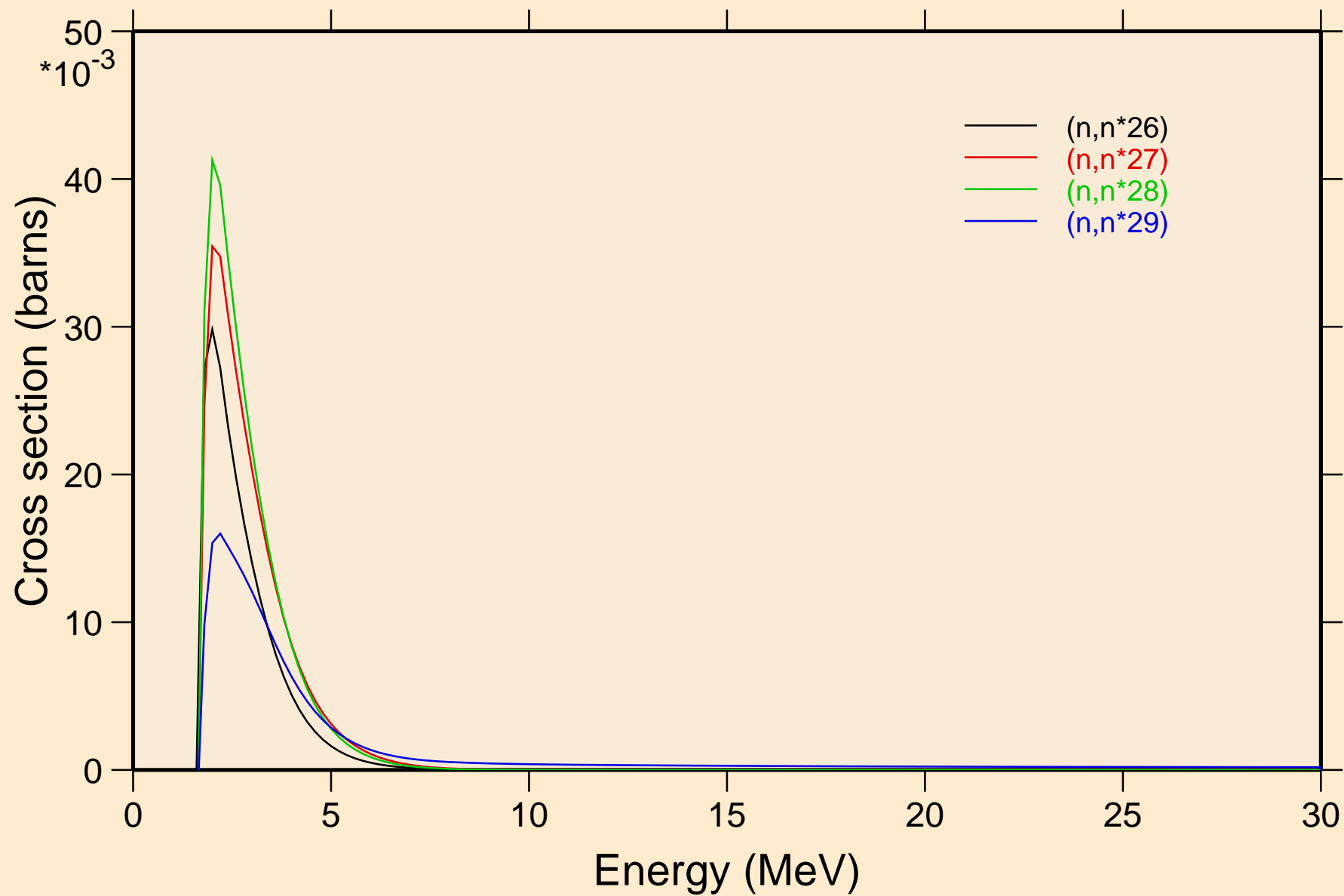
# AG105 NRG TENDL-2015, AKONING

## Inelastic levels



# AG105 NRG TENDL-2015, AKONING

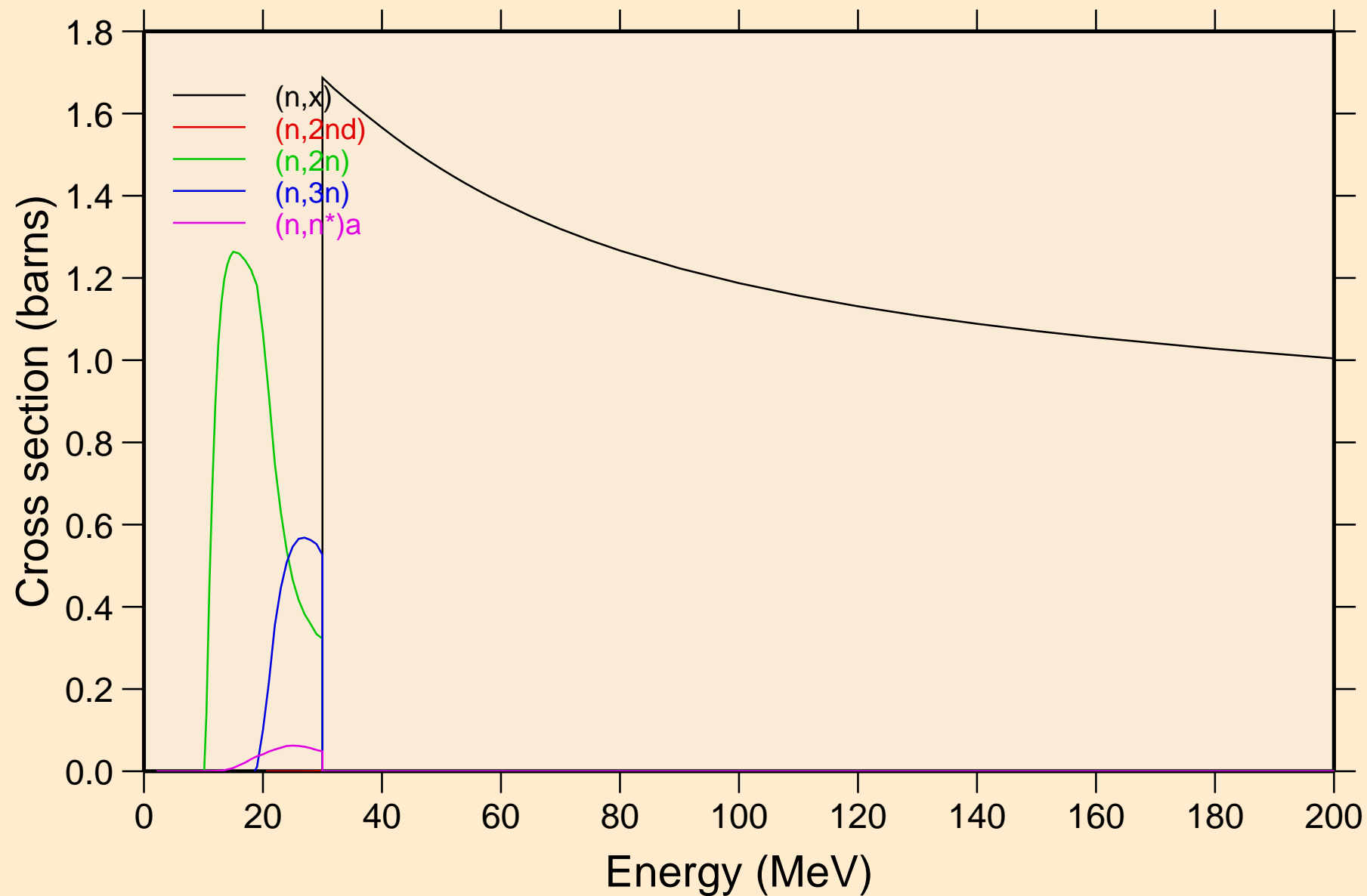
Inelastic levels





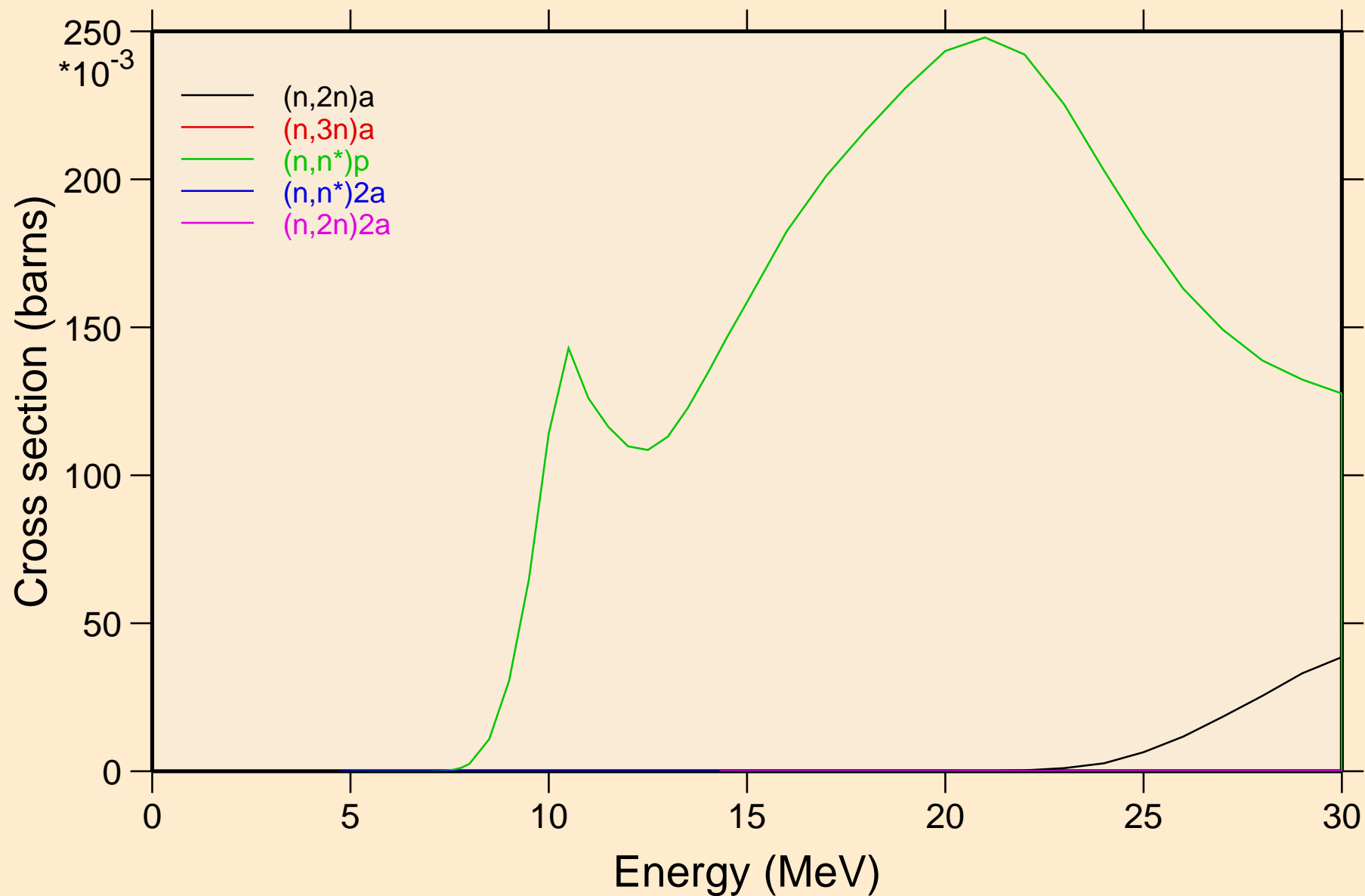
# AG105 NRG TENDL-2015, AKONING

## Threshold reactions



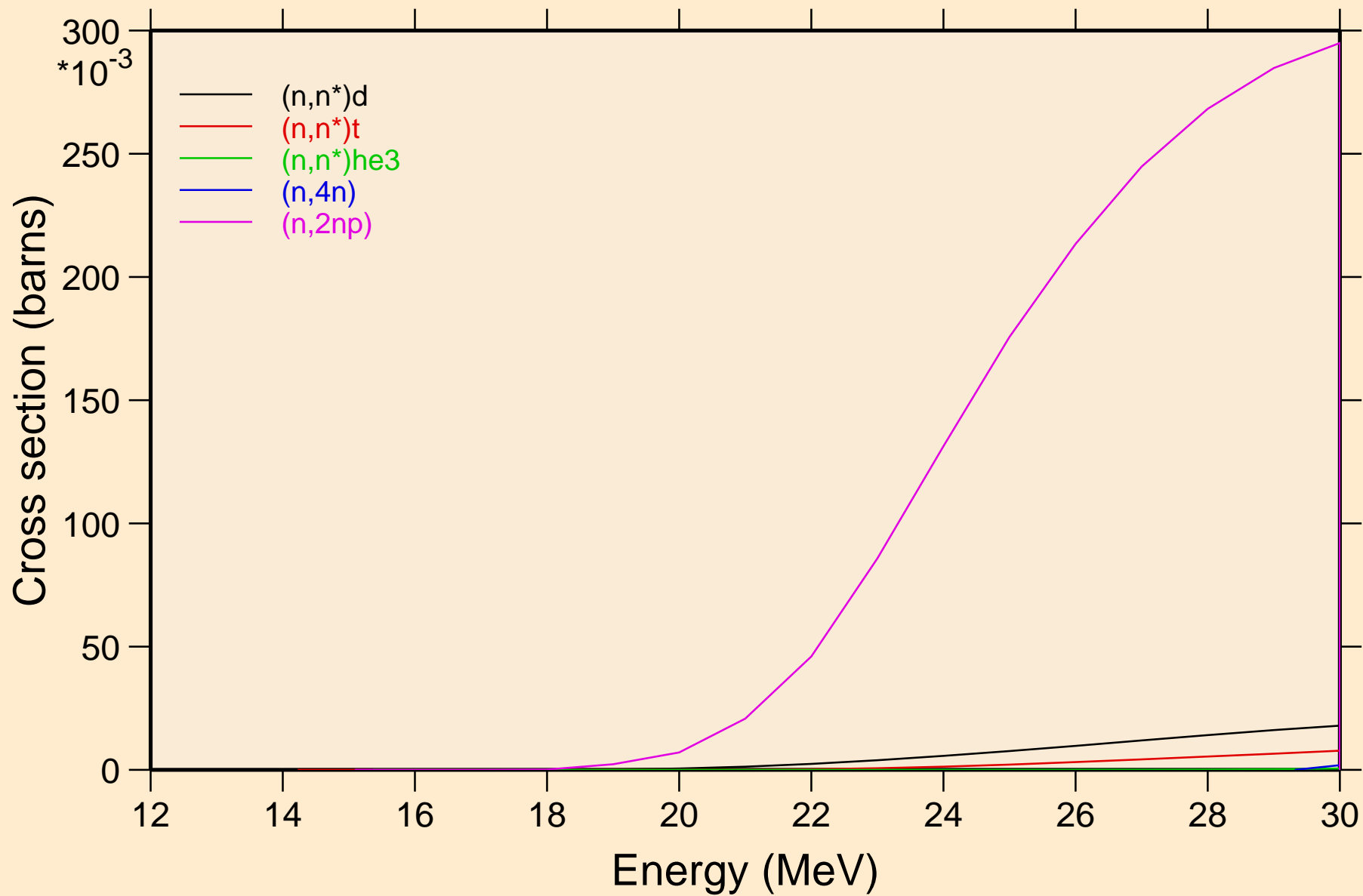
# AG105 NRG TENDL-2015, AKONING

## Threshold reactions



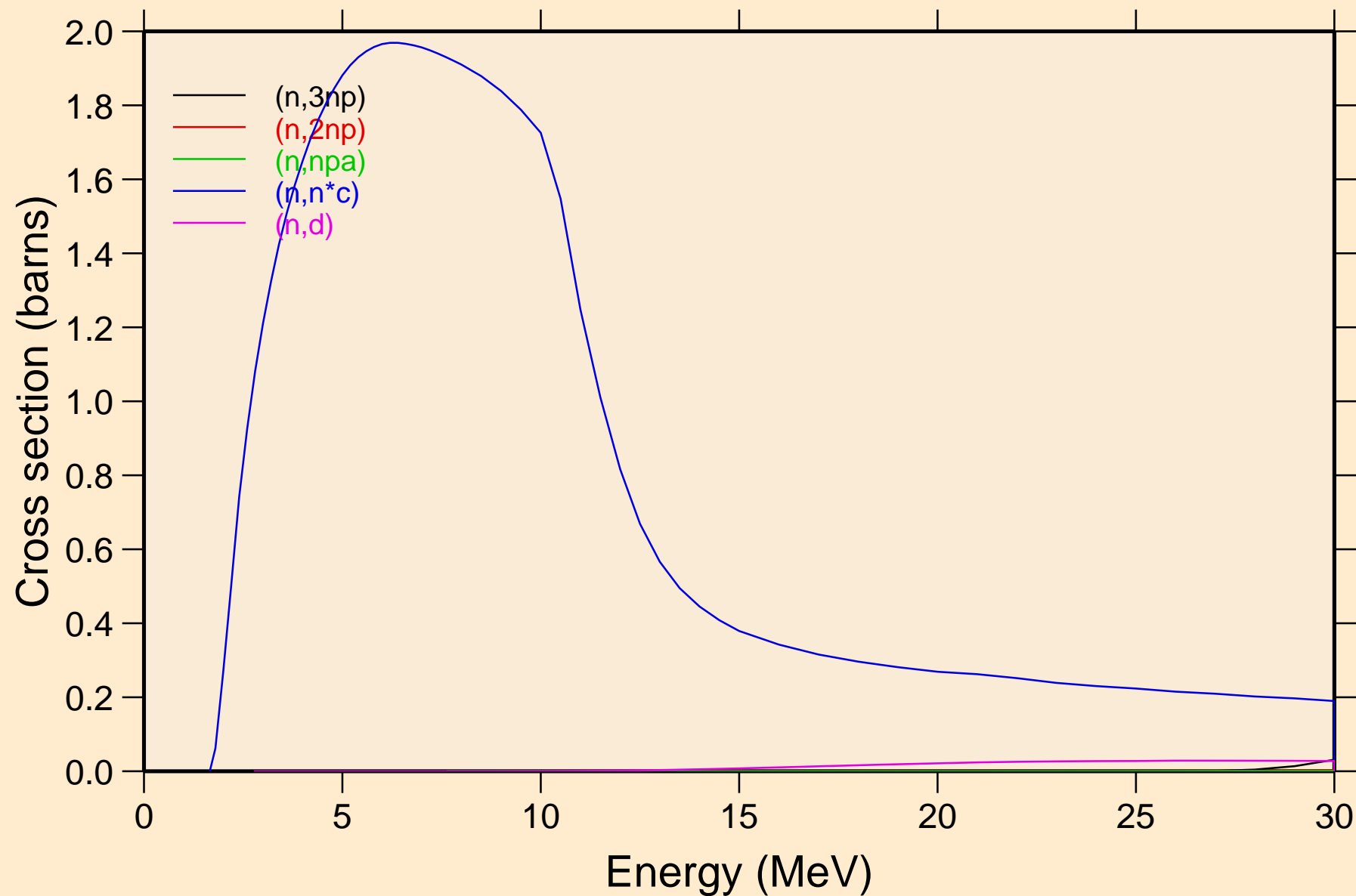
# AG105 NRG TENDL-2015, AKONING

## Threshold reactions



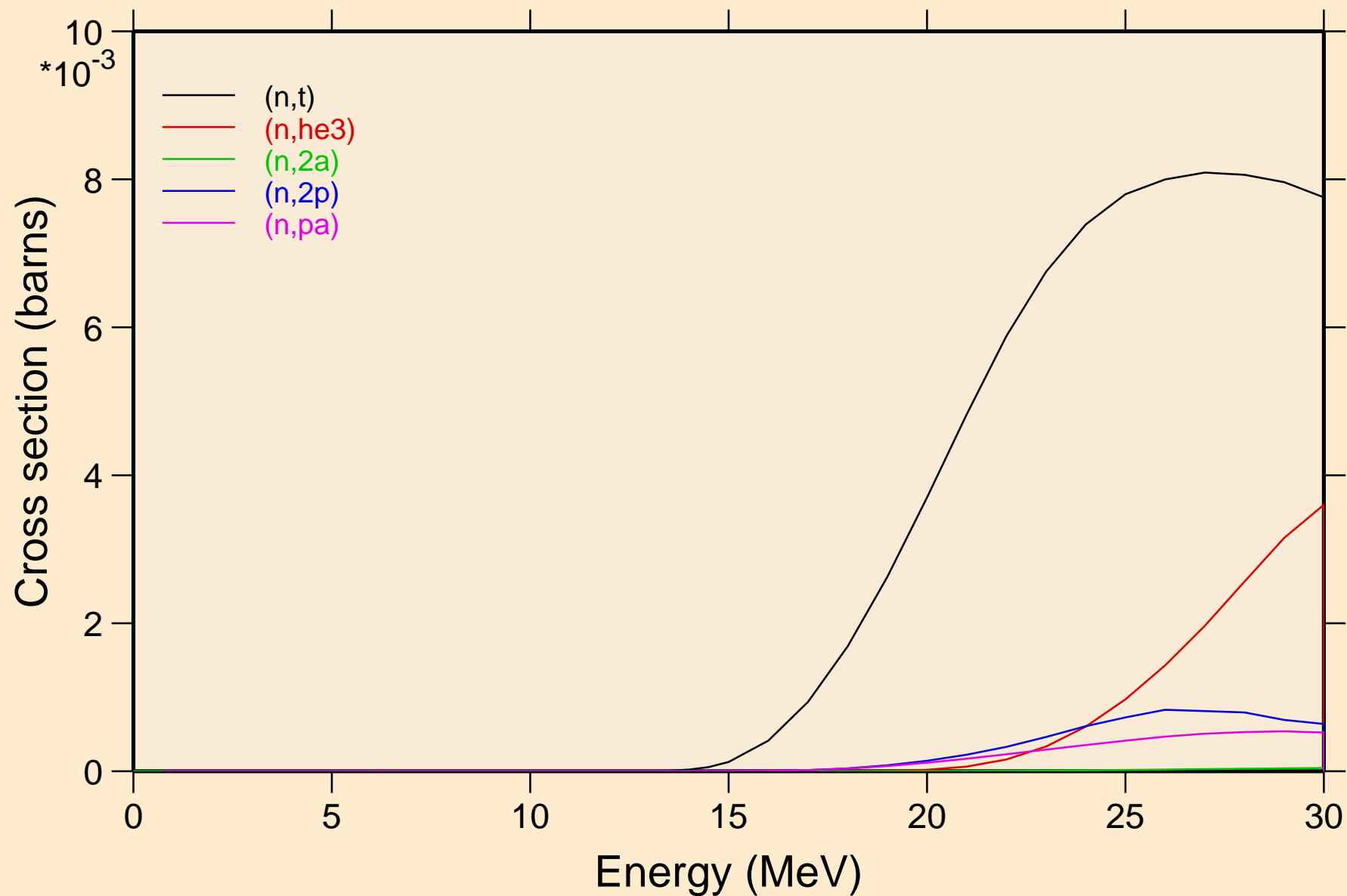
# AG105 NRG TENDL-2015, AKONING

## Threshold reactions



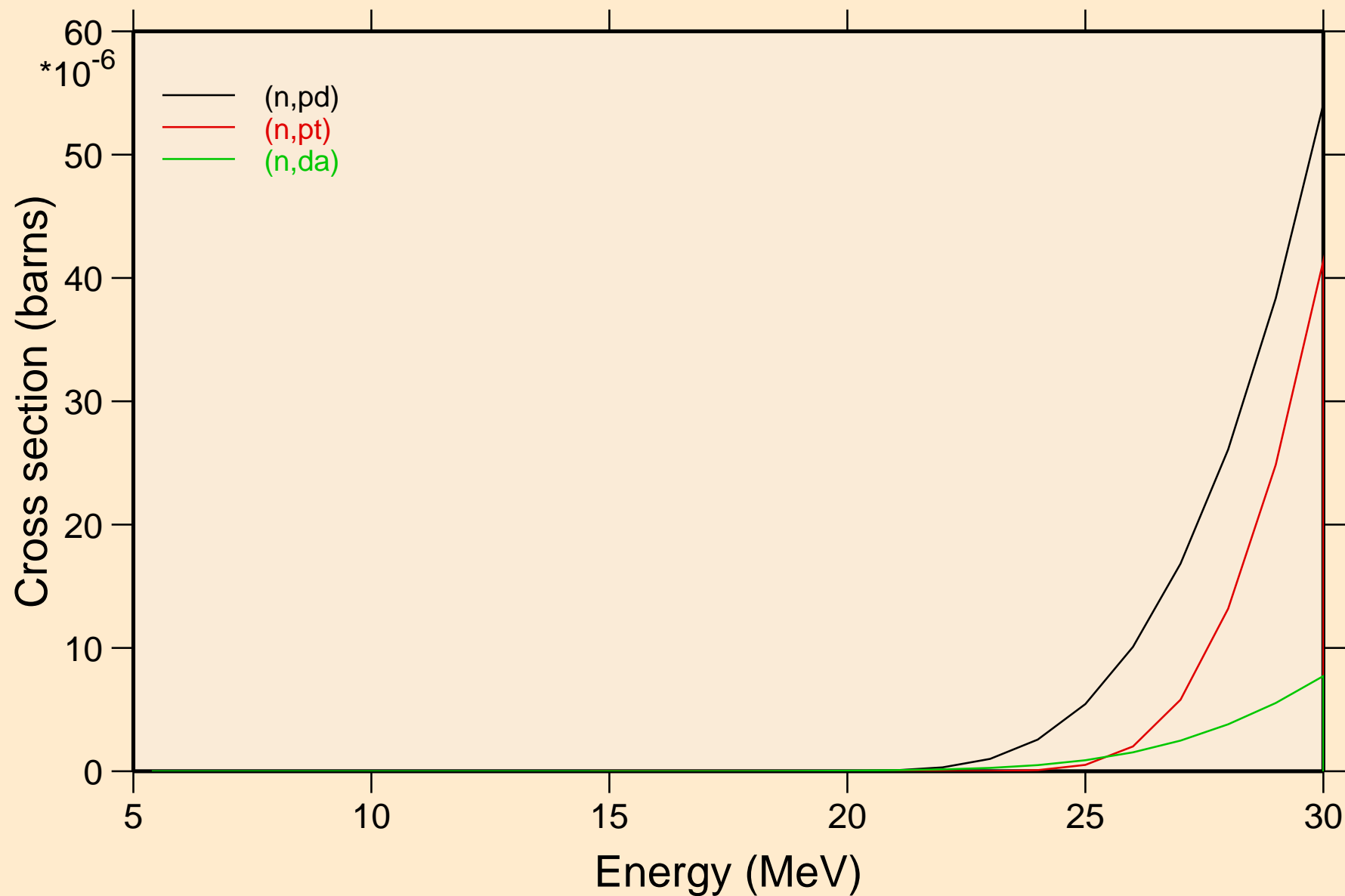
# AG105 NRG TENDL-2015, AKONING

## Threshold reactions

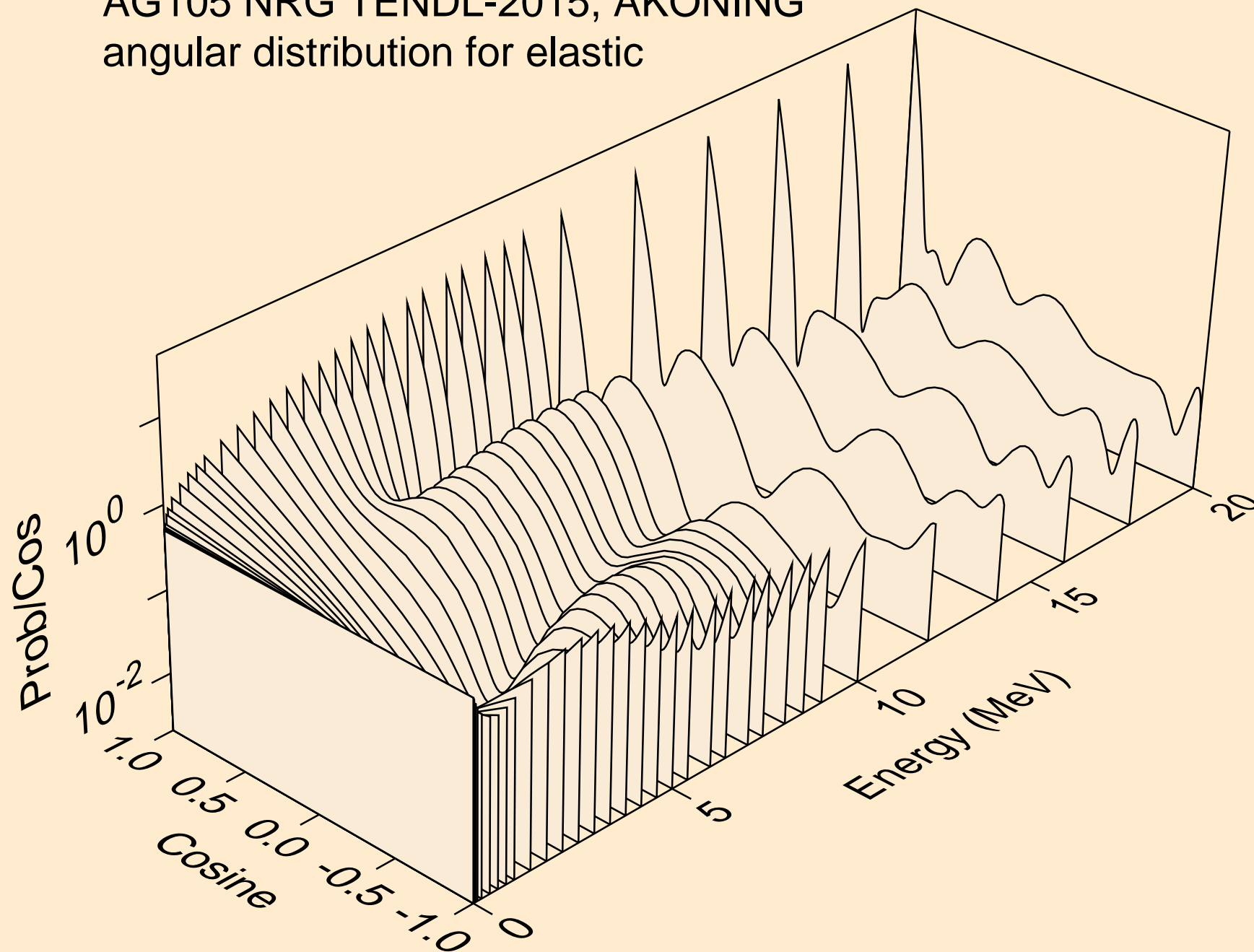


# AG105 NRG TENDL-2015, AKONING

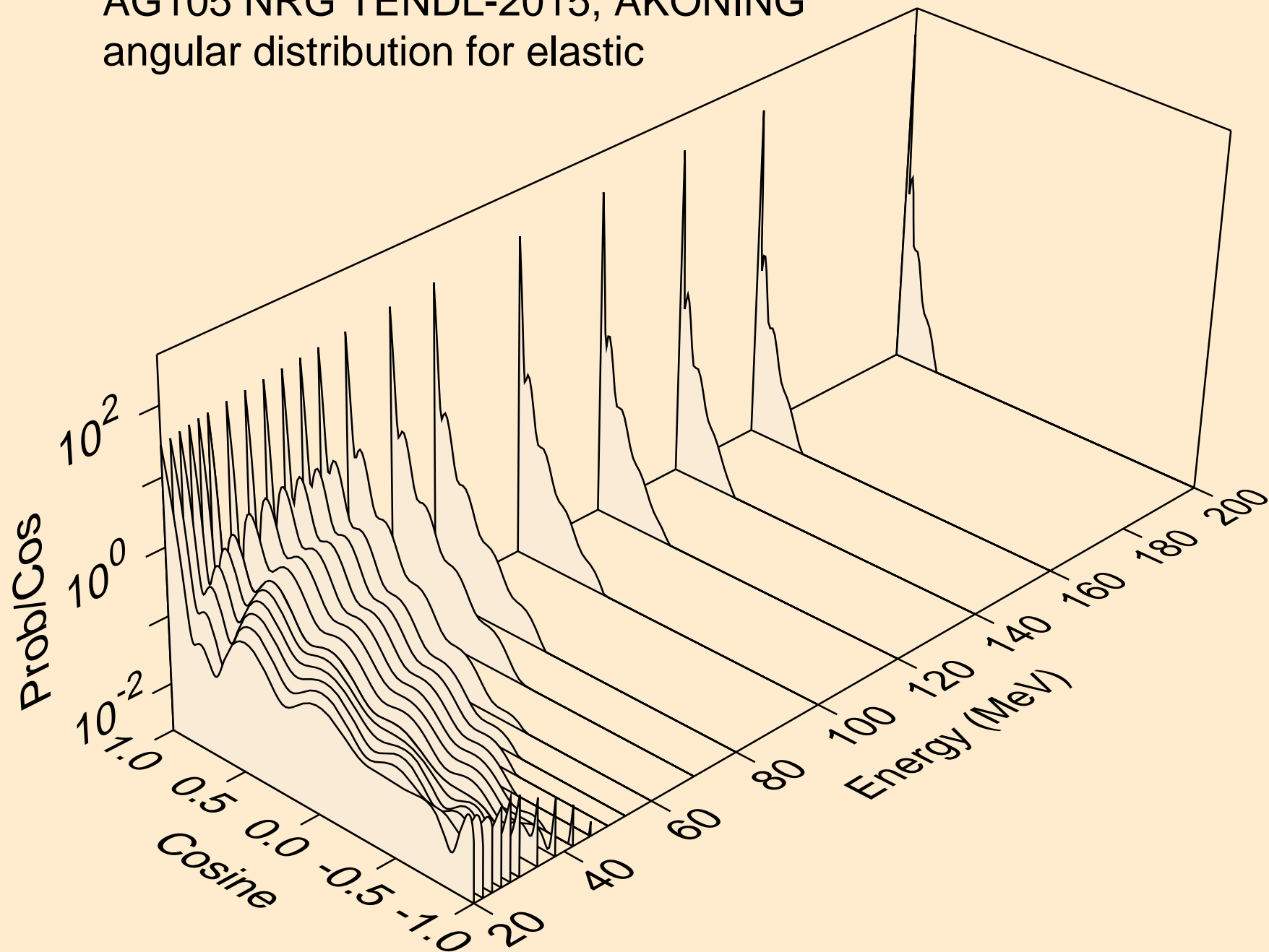
## Threshold reactions



AG105 NRG TENDL-2015, AKONING  
angular distribution for elastic

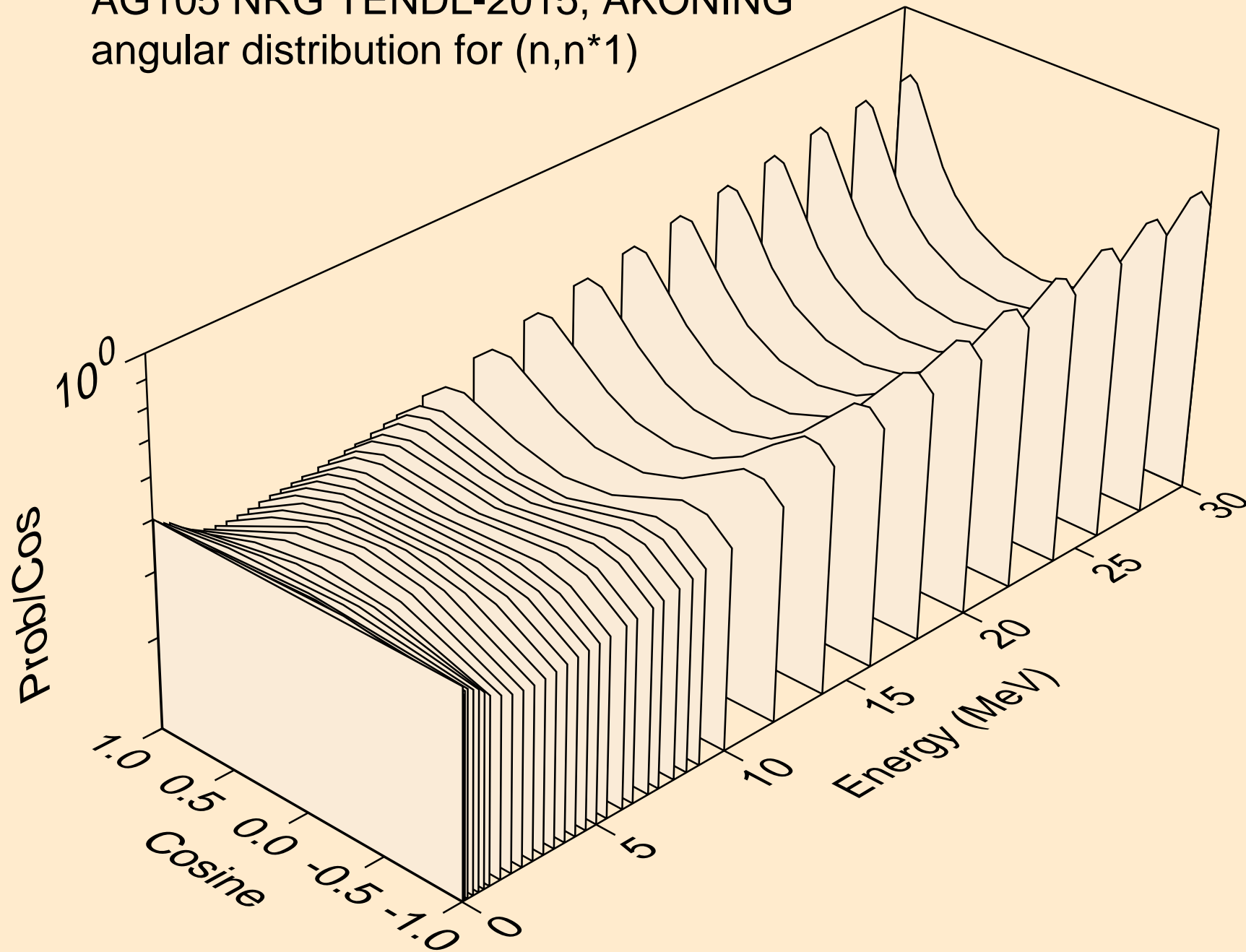


AG105 NRG TENDL-2015, AKONING  
angular distribution for elastic

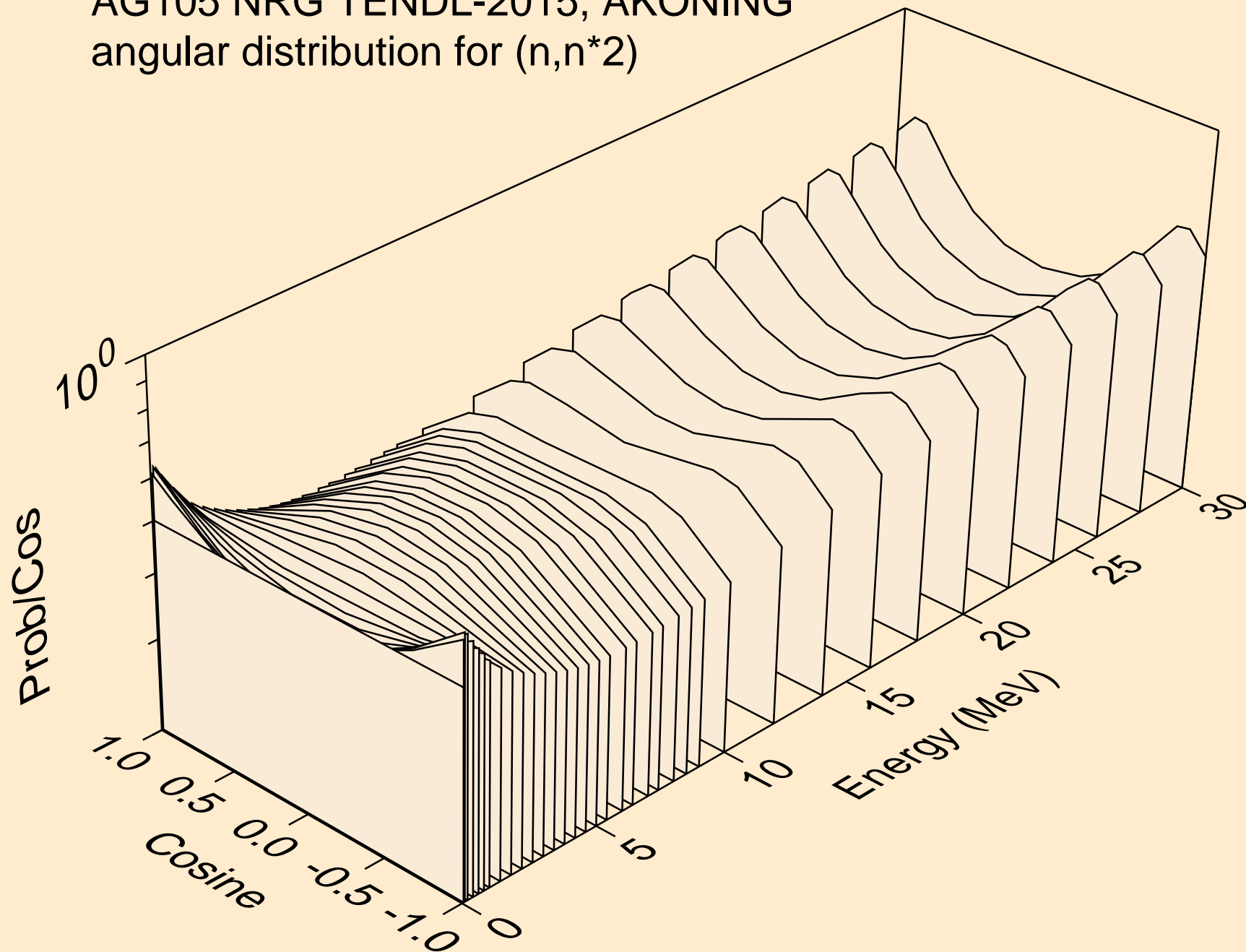




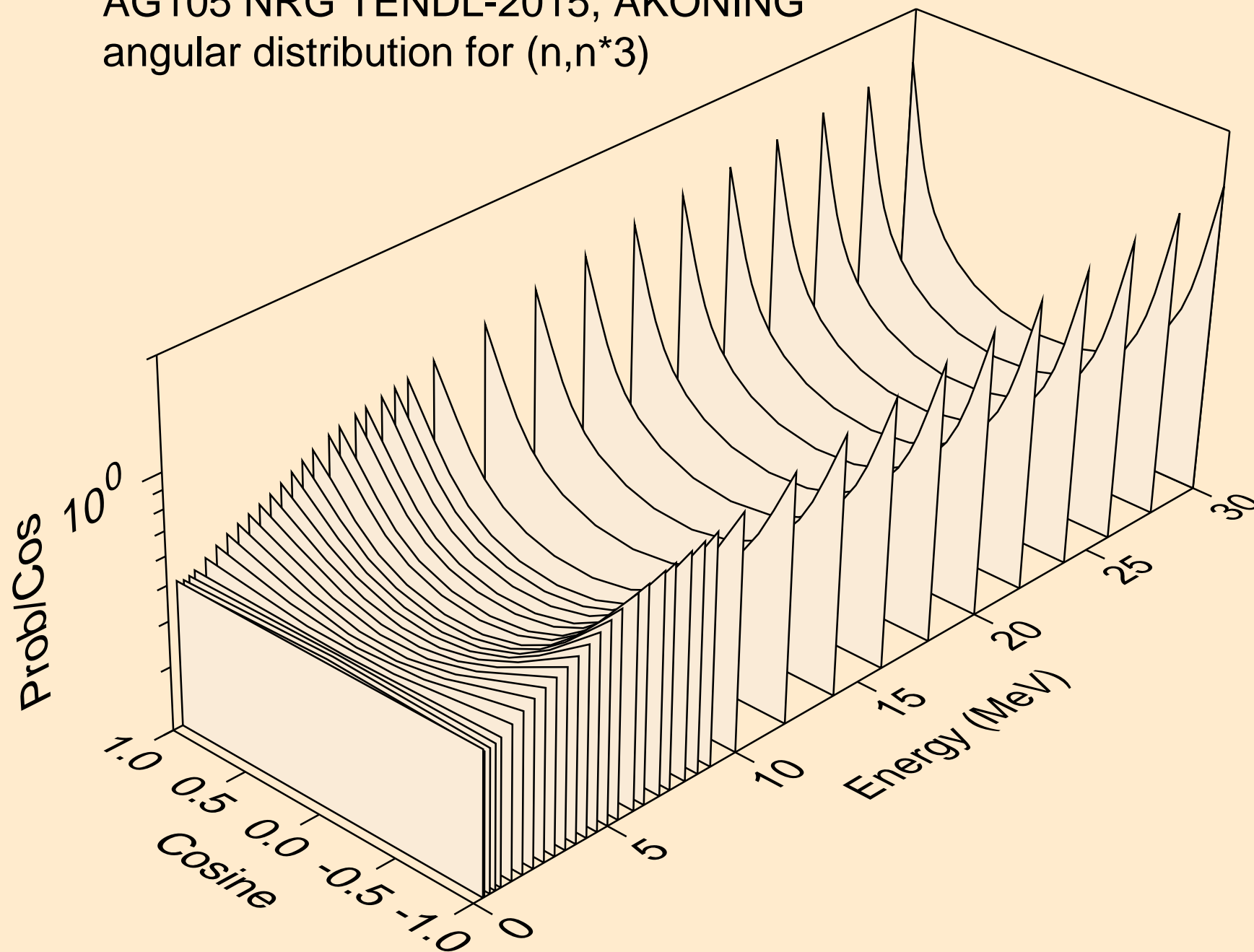
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



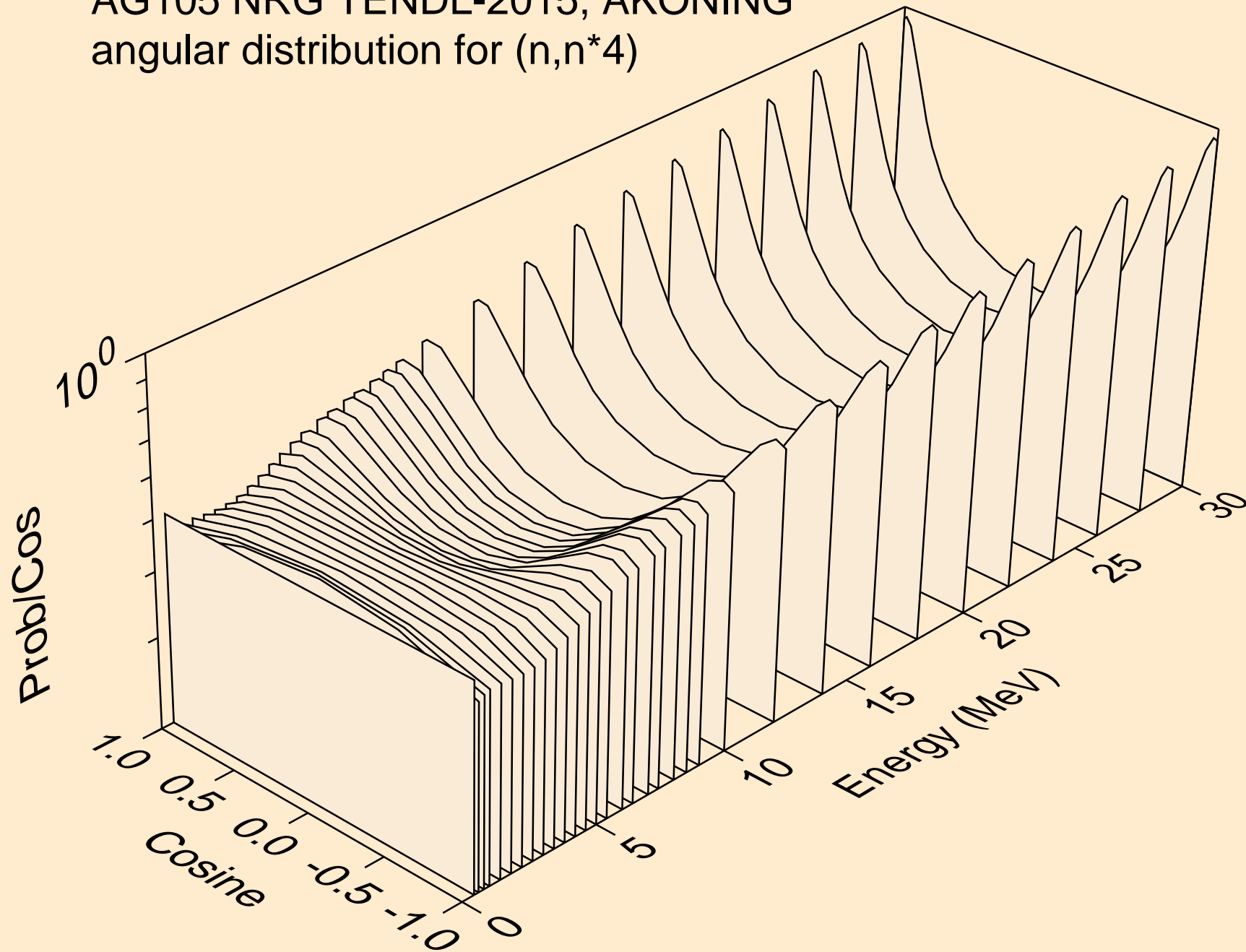
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



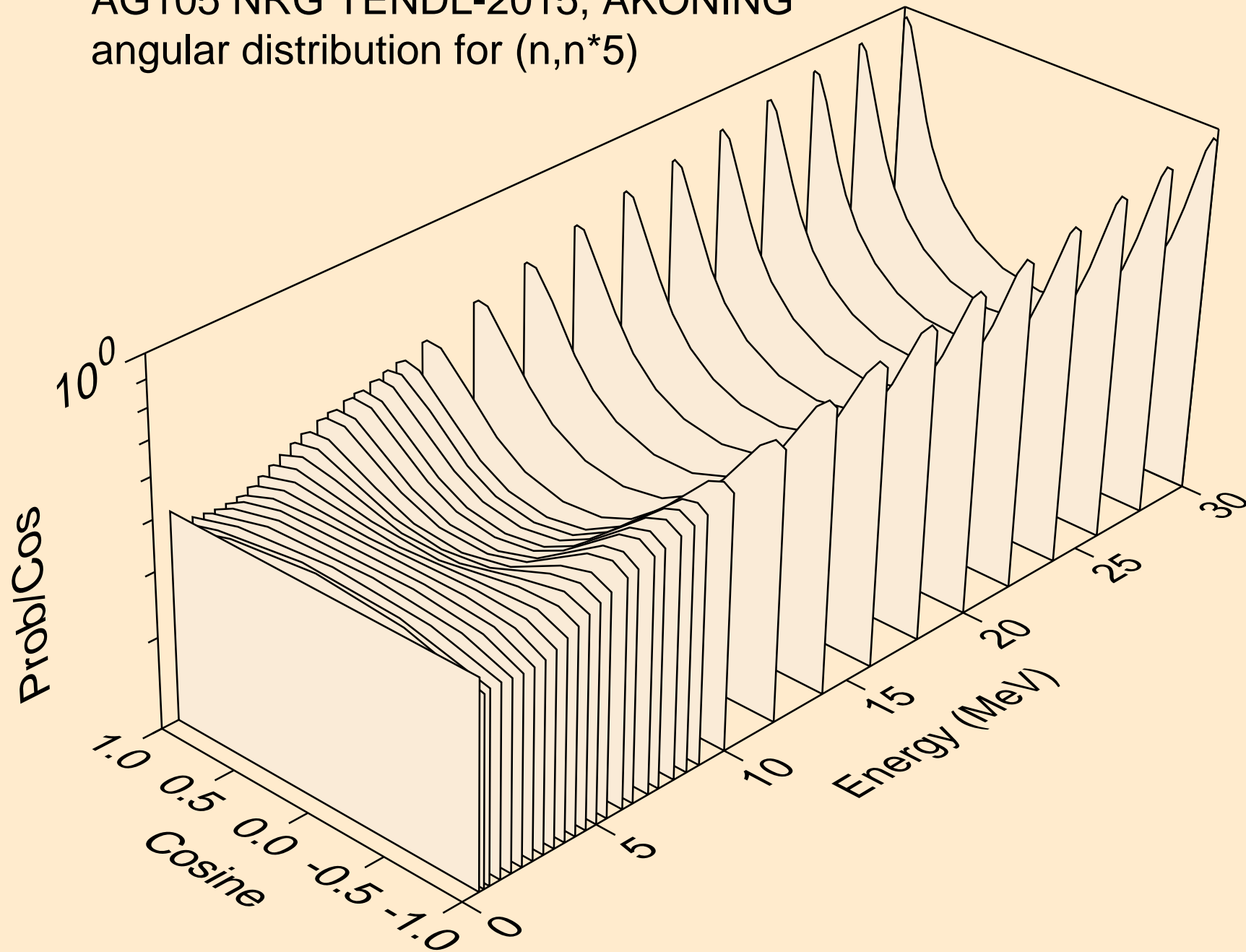
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



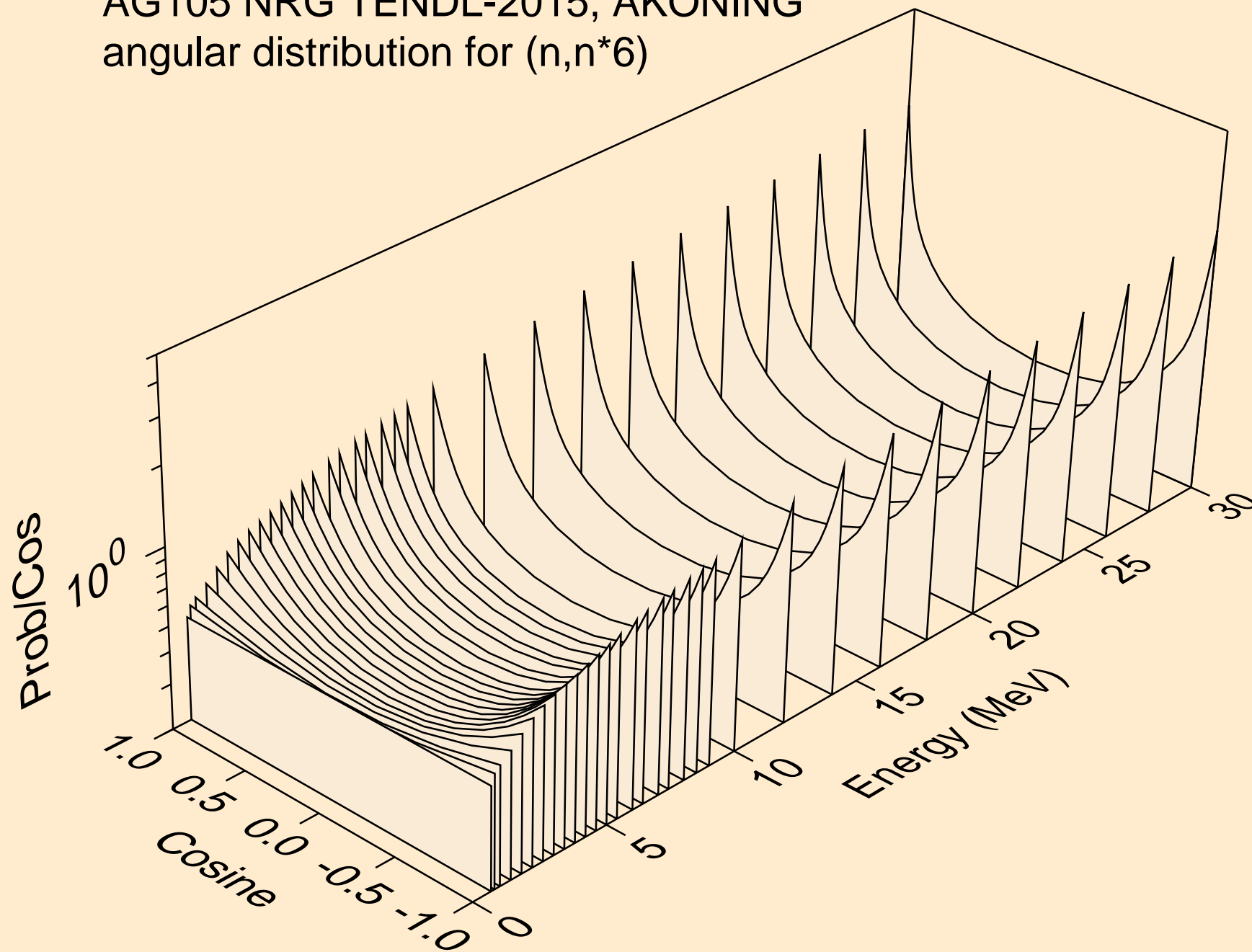
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



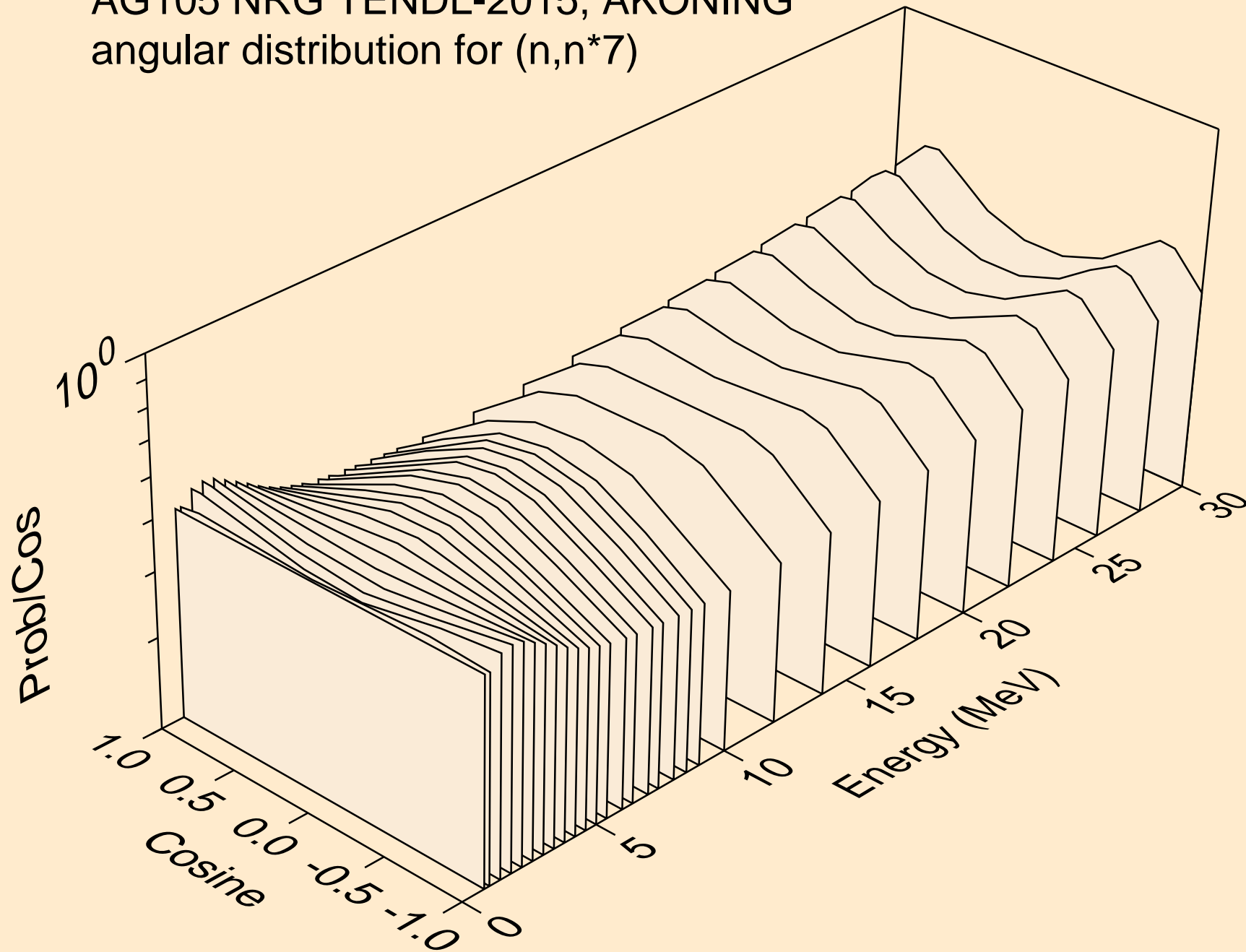
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



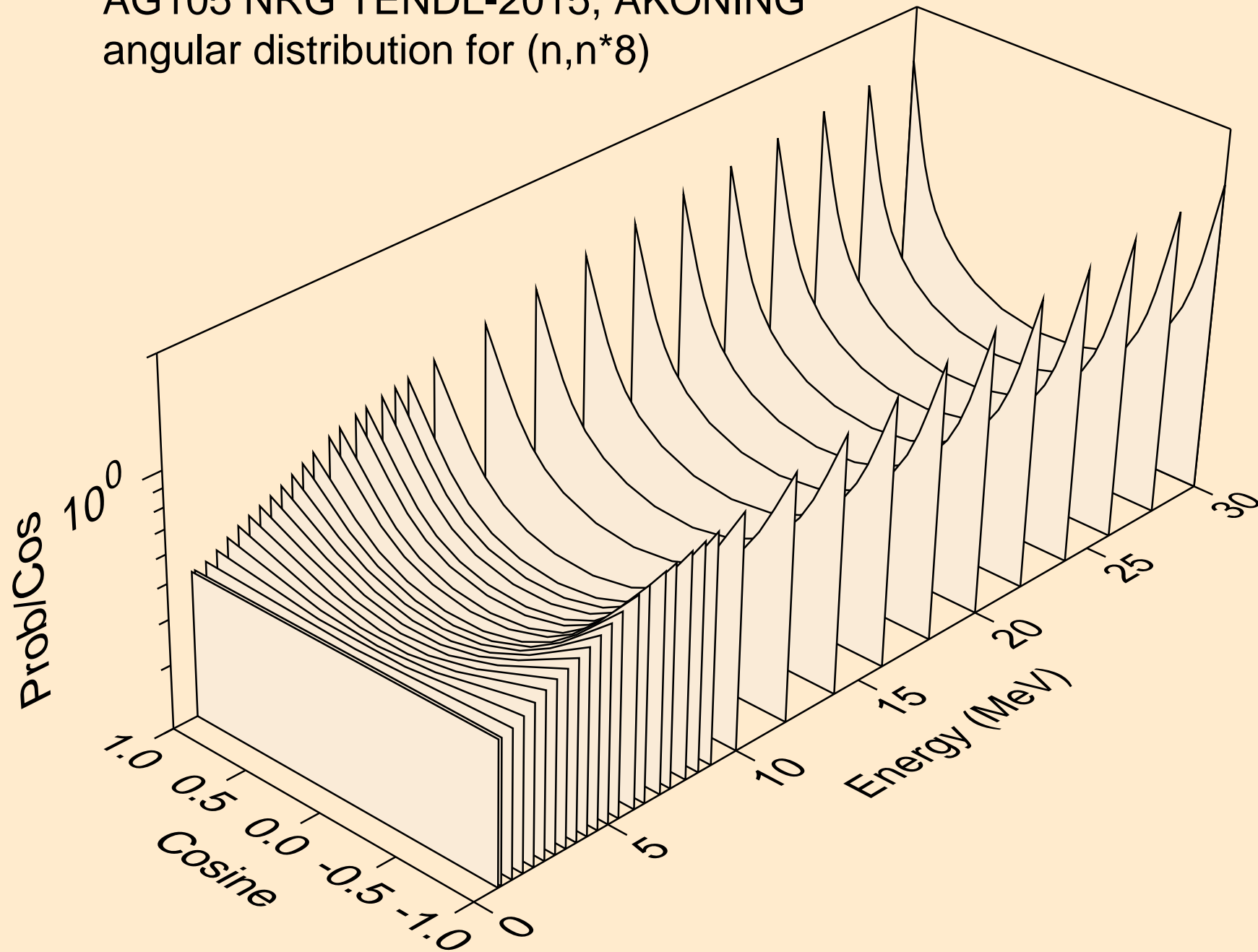
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

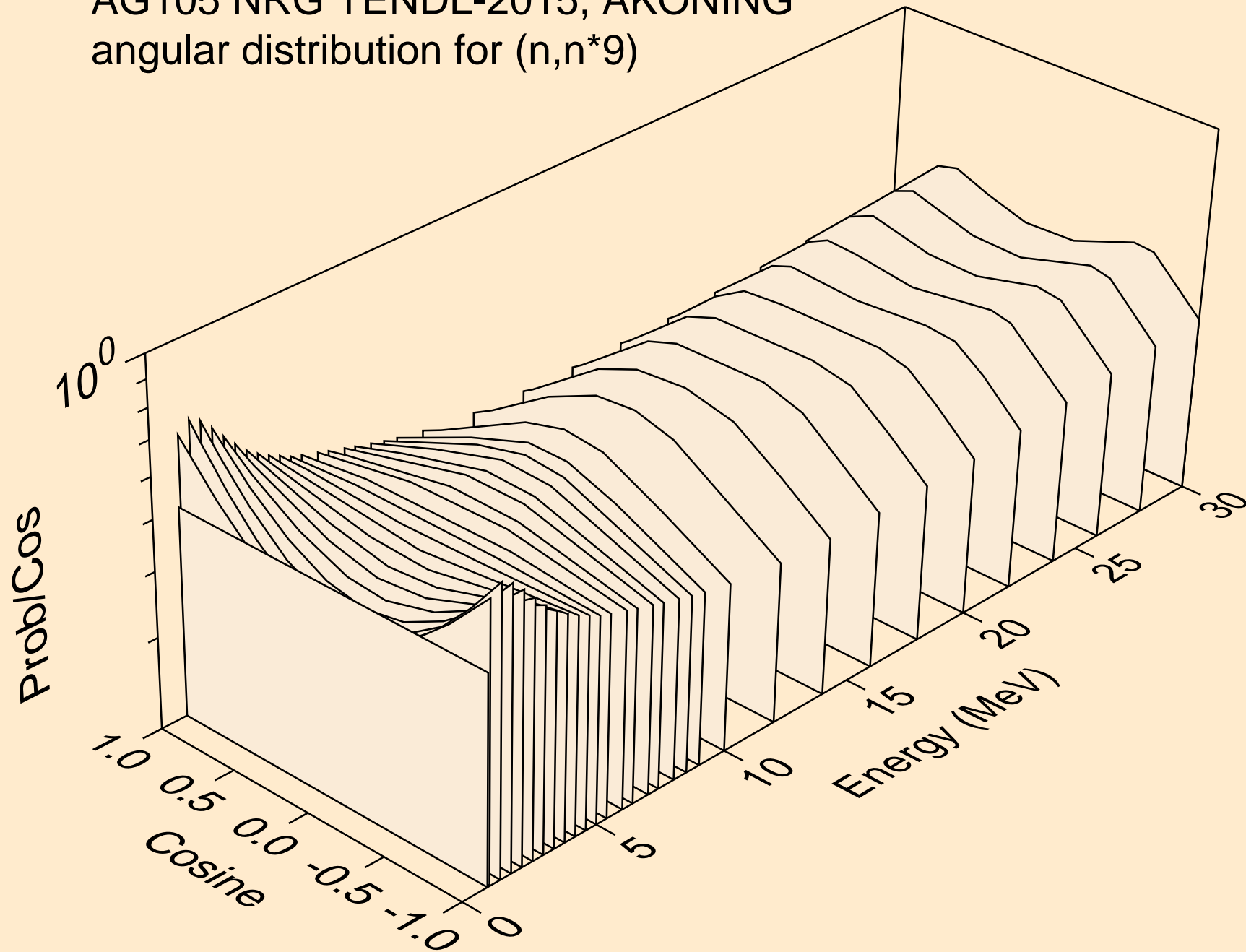


AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

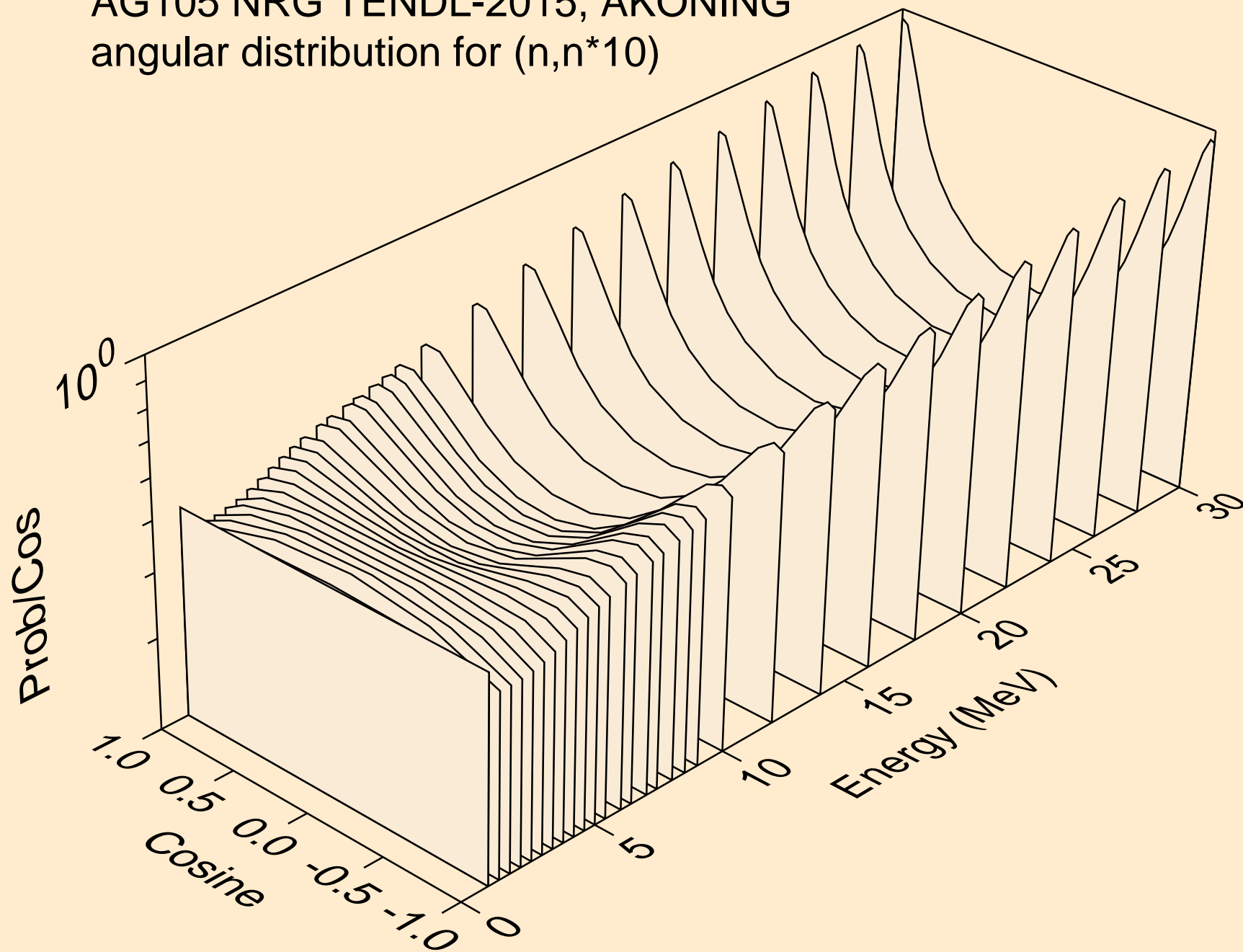




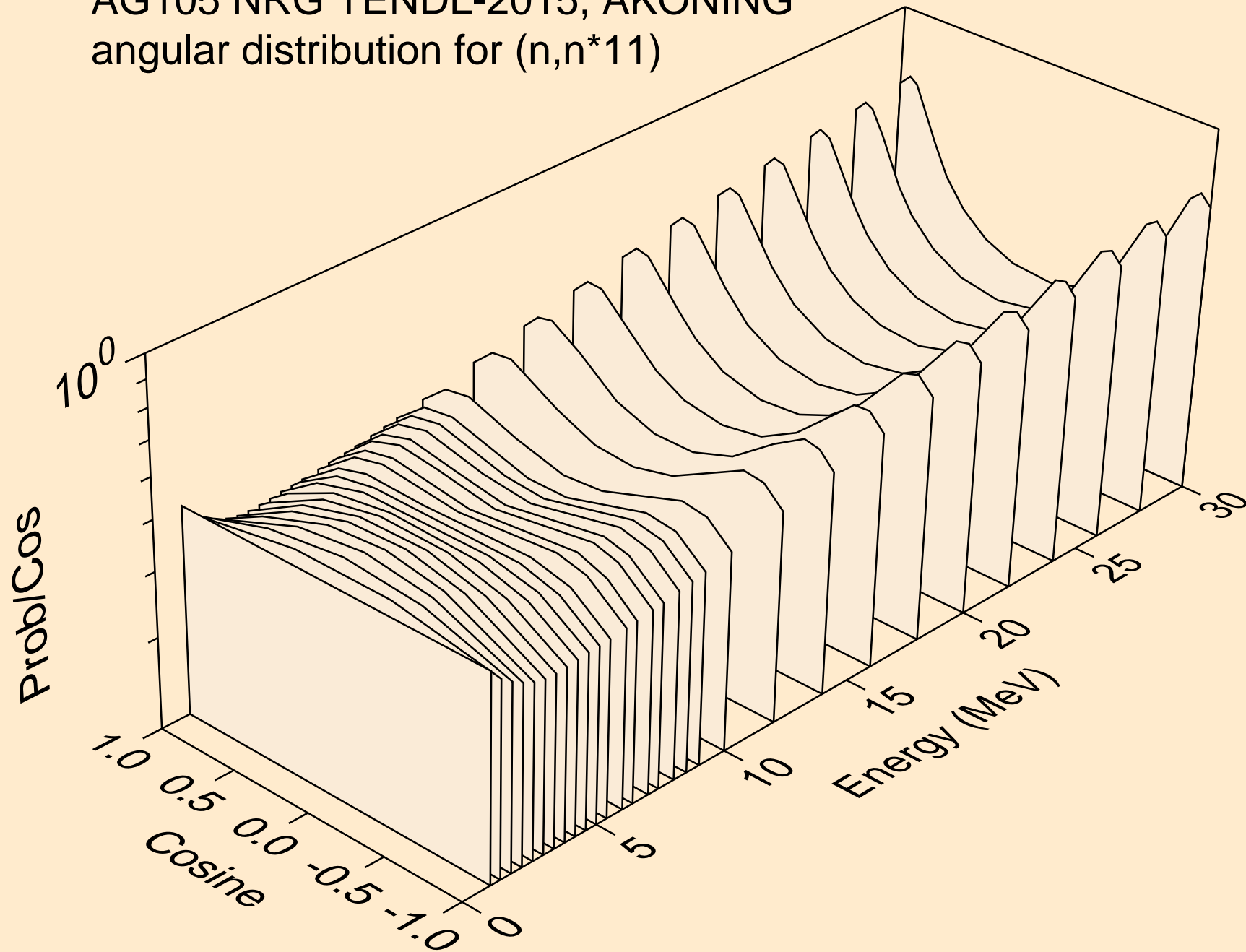
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



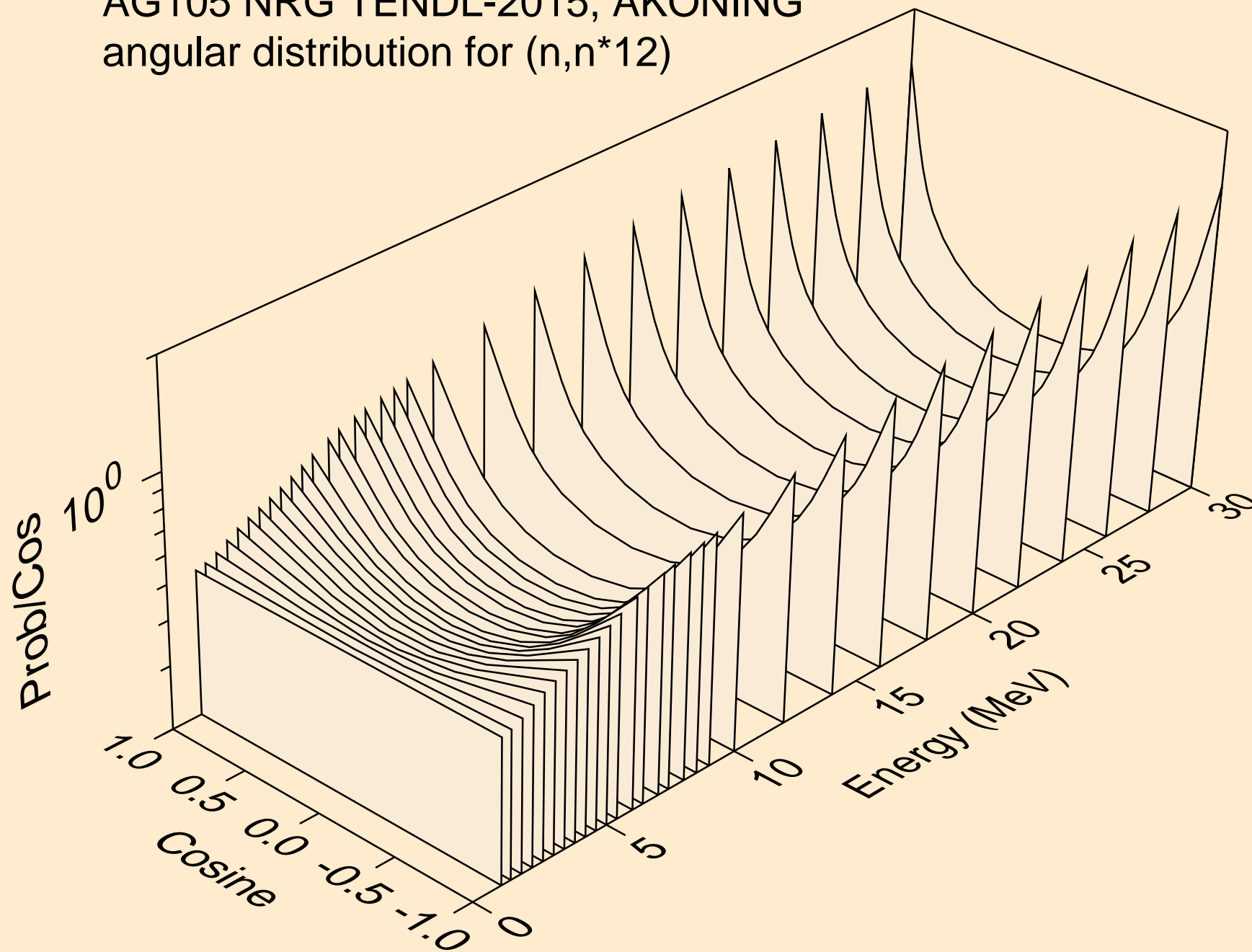
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



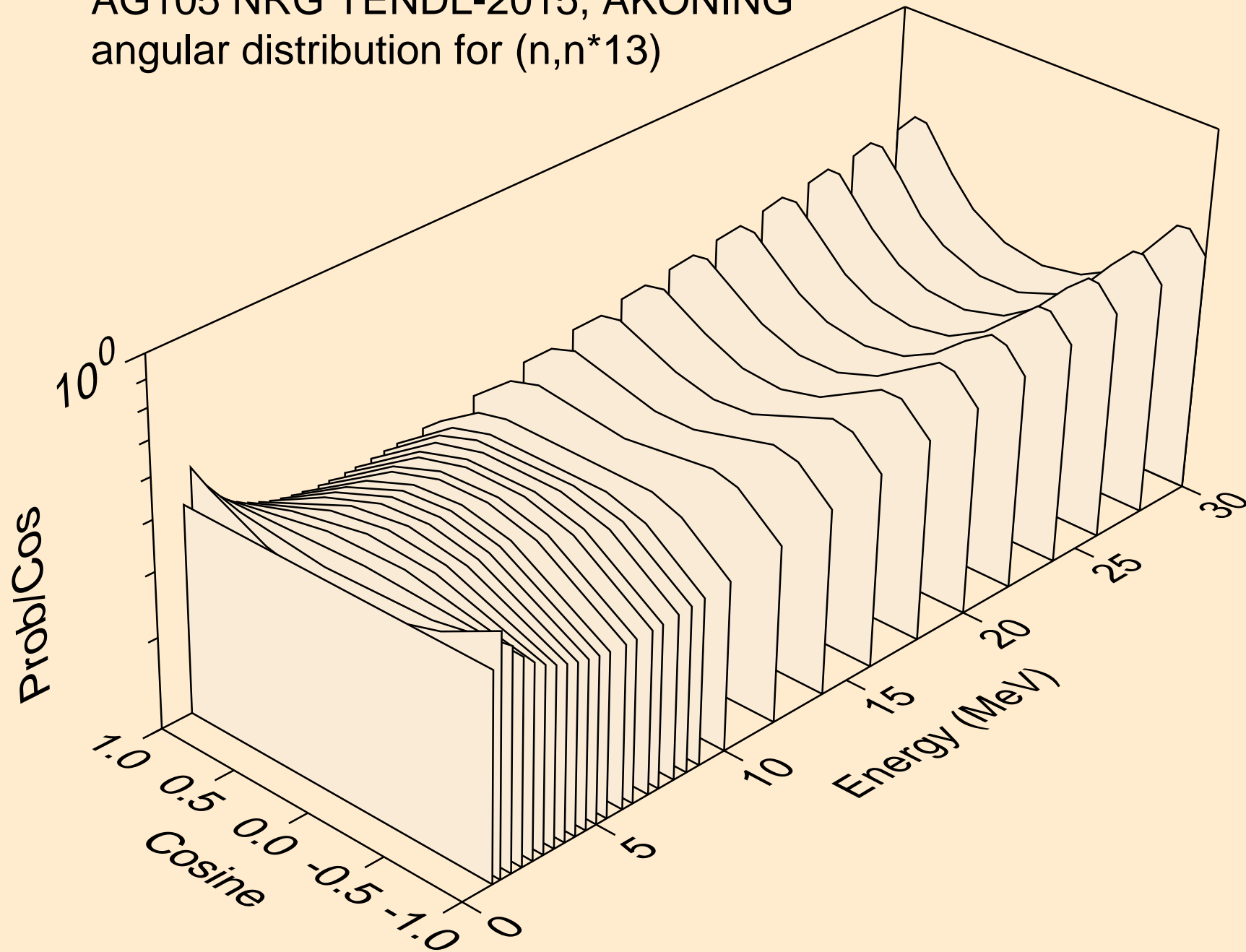
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



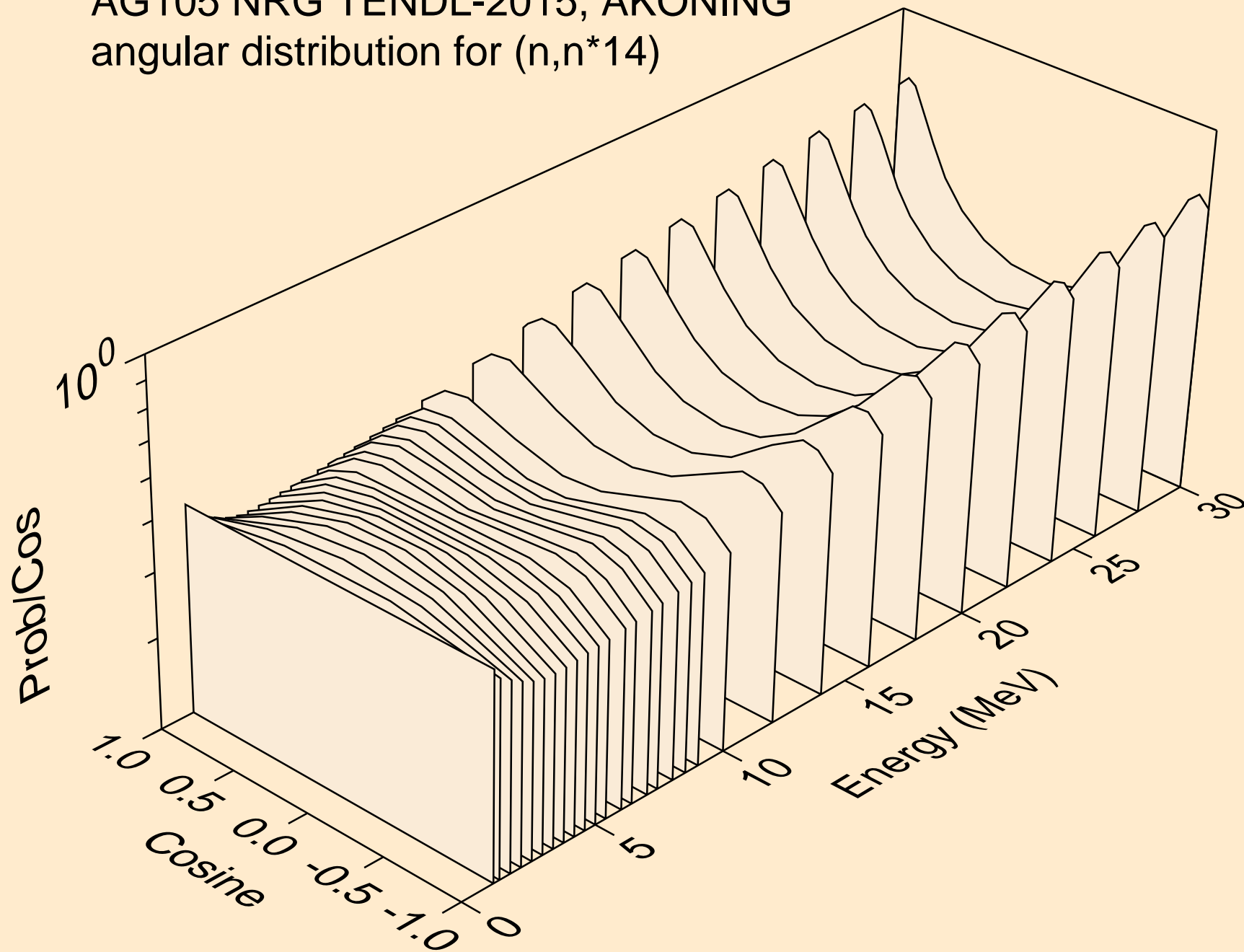
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



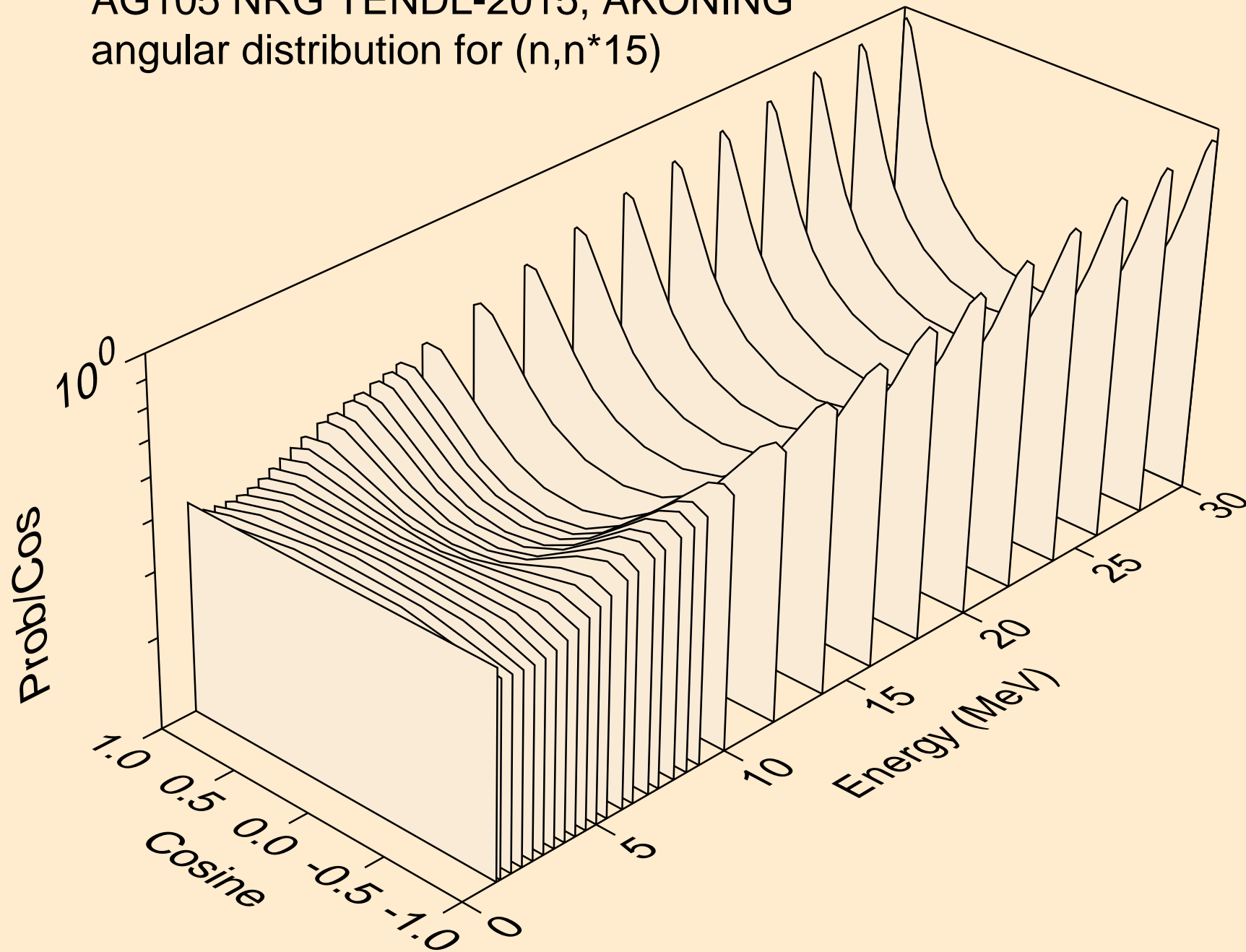
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



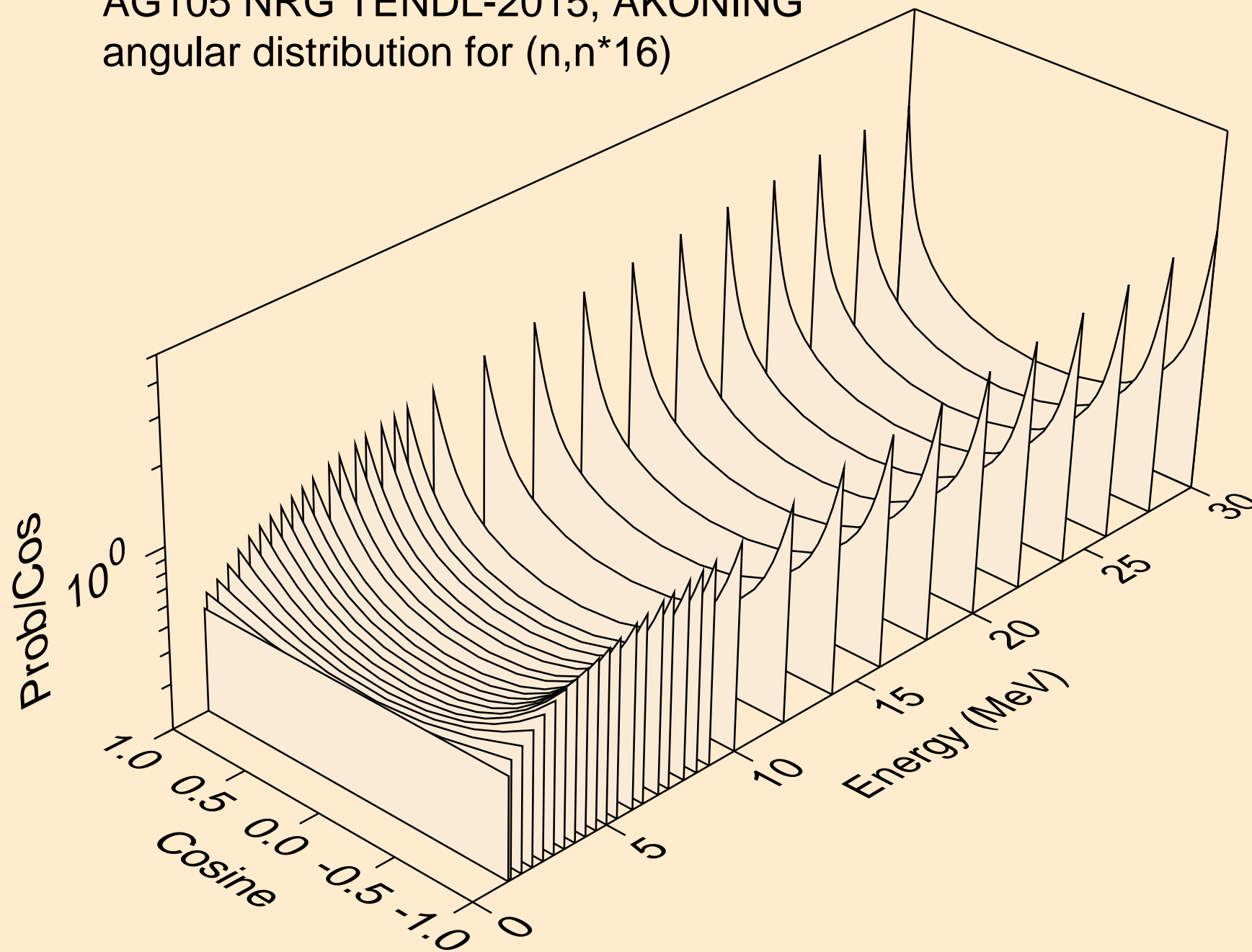
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

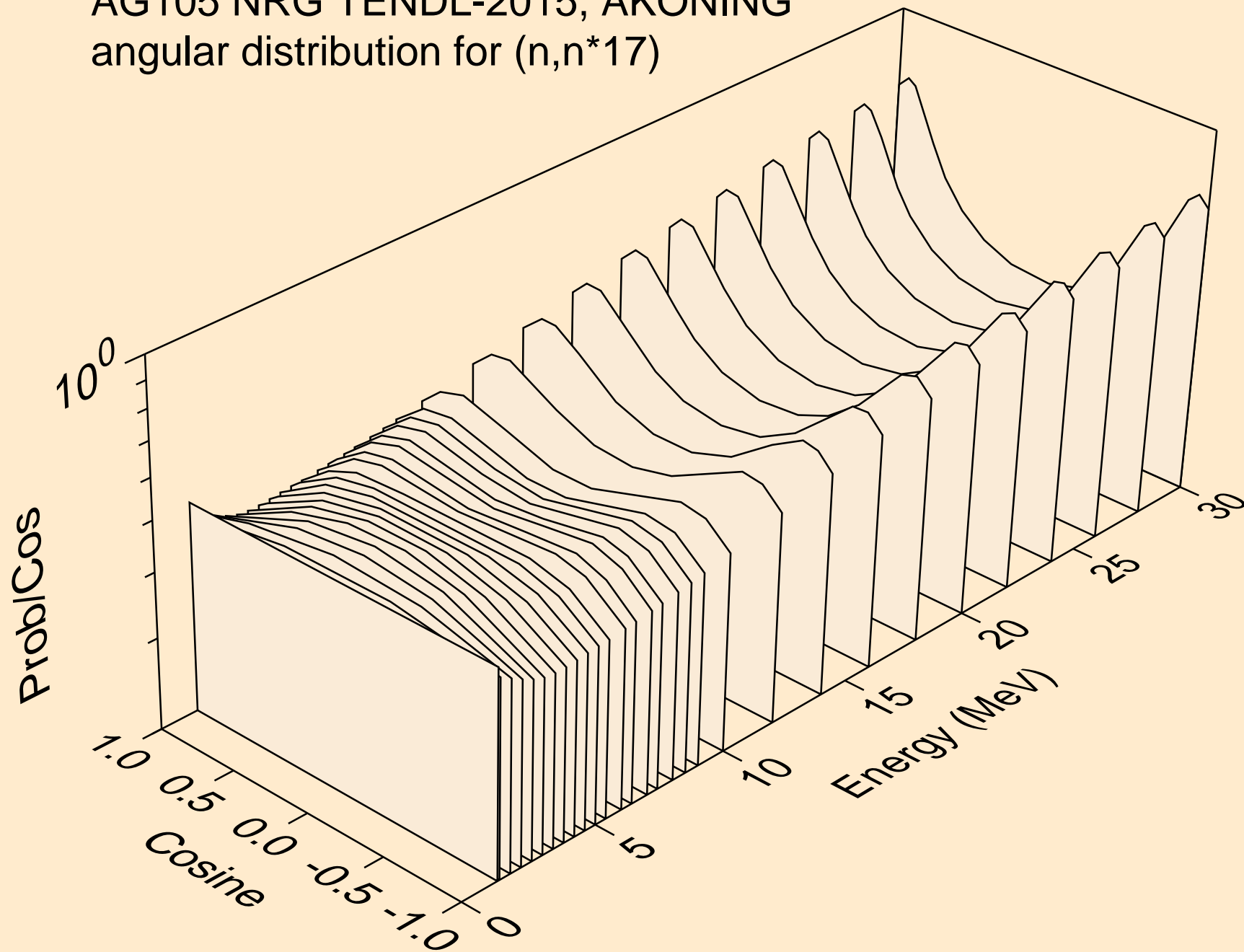


AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

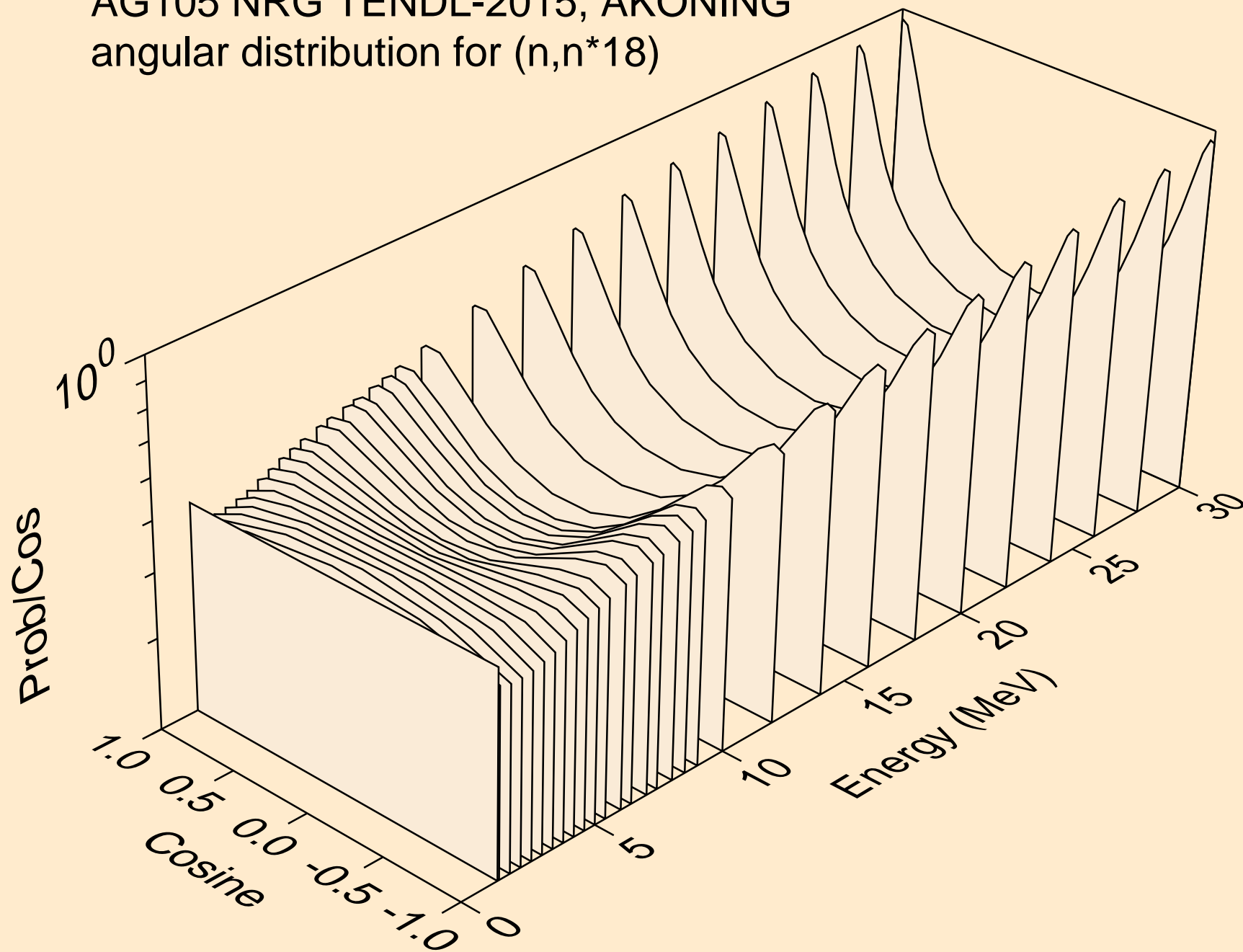




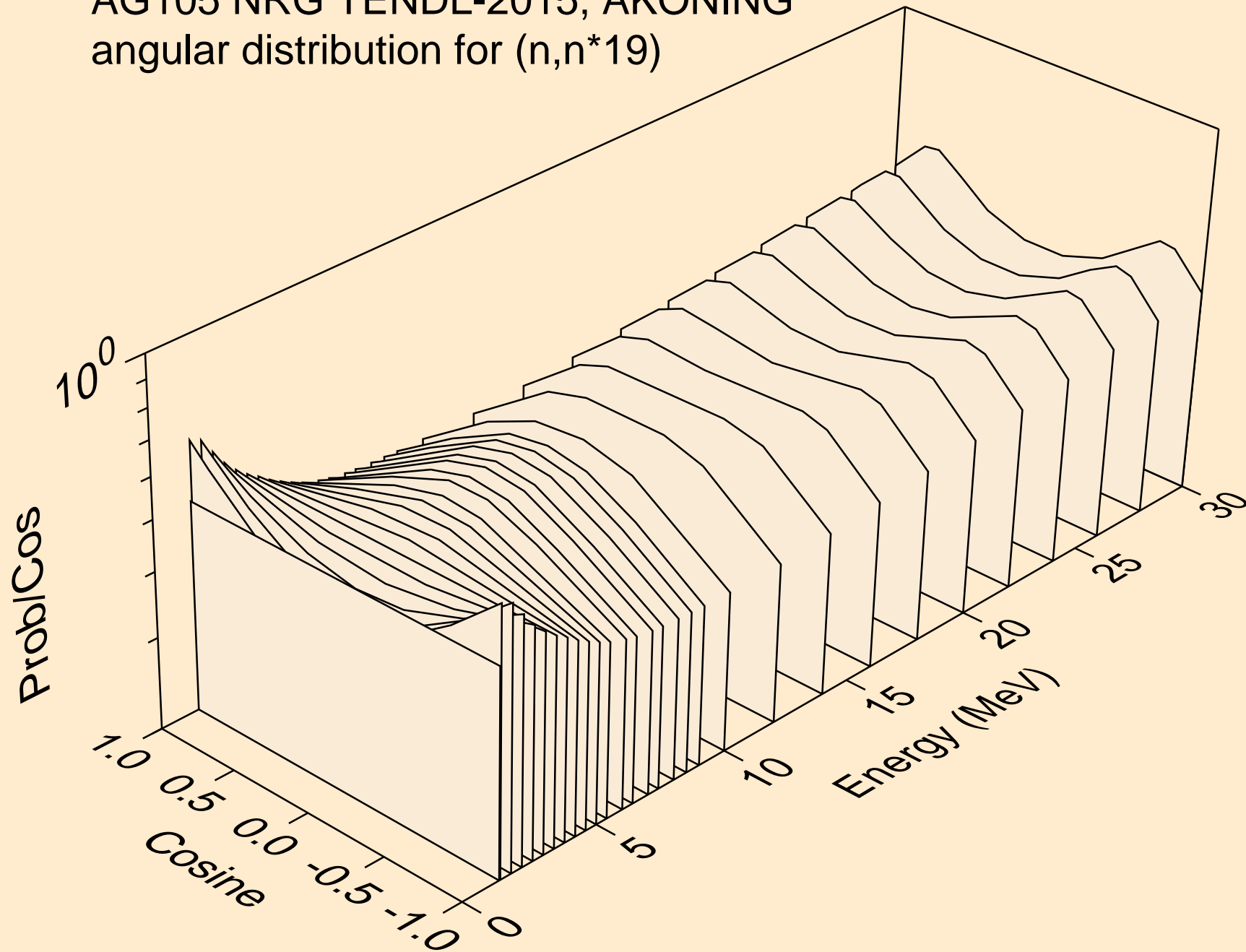
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



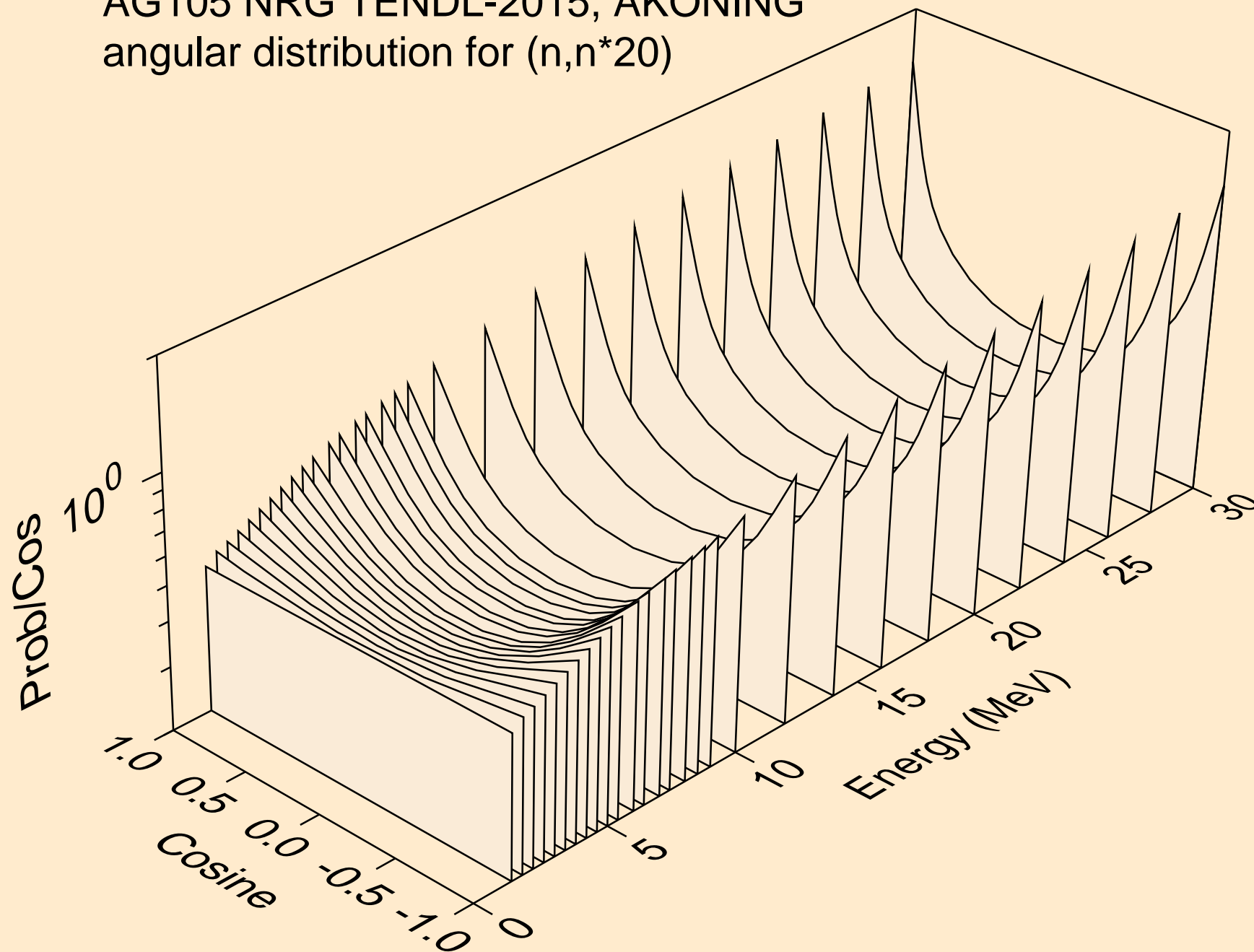
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



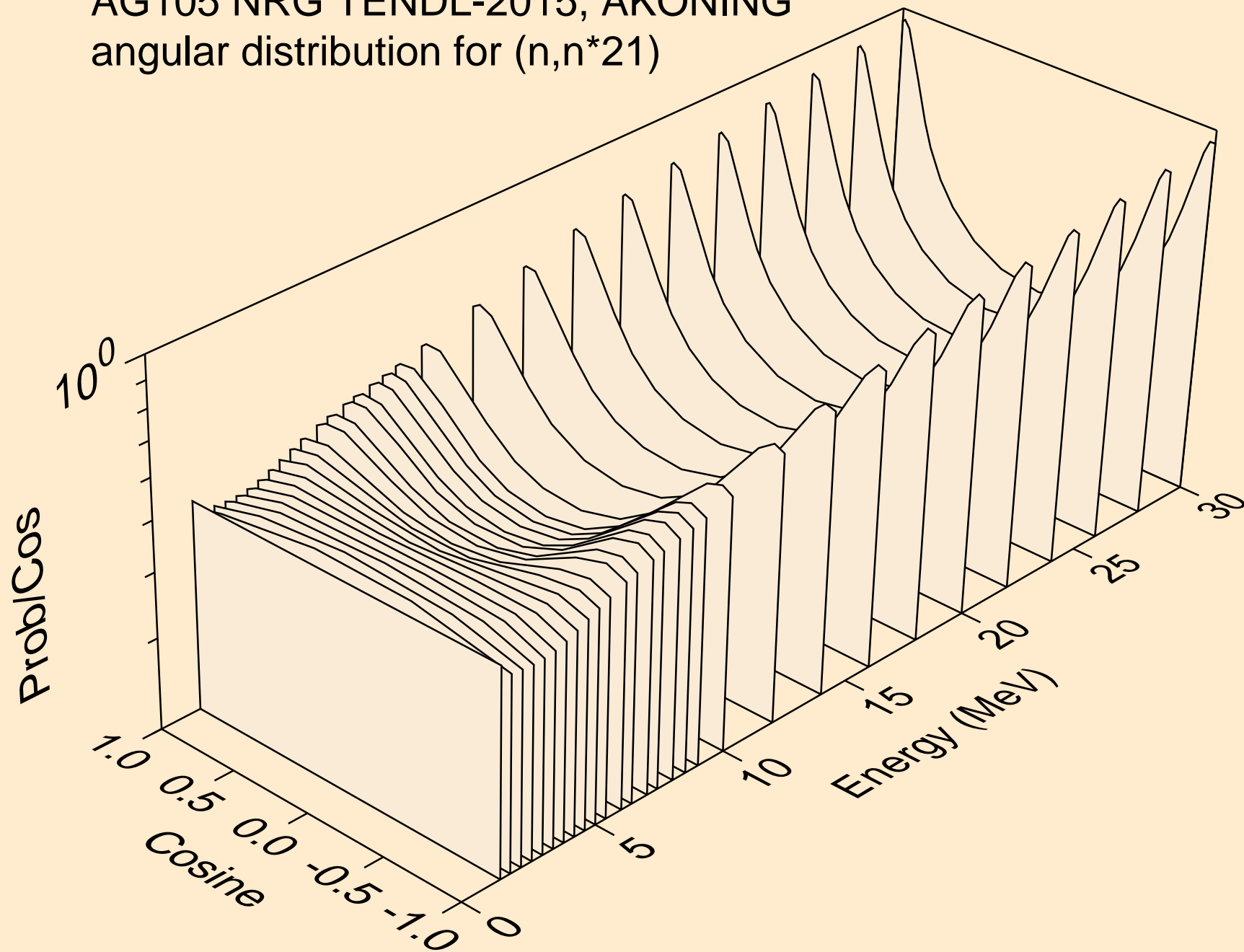
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



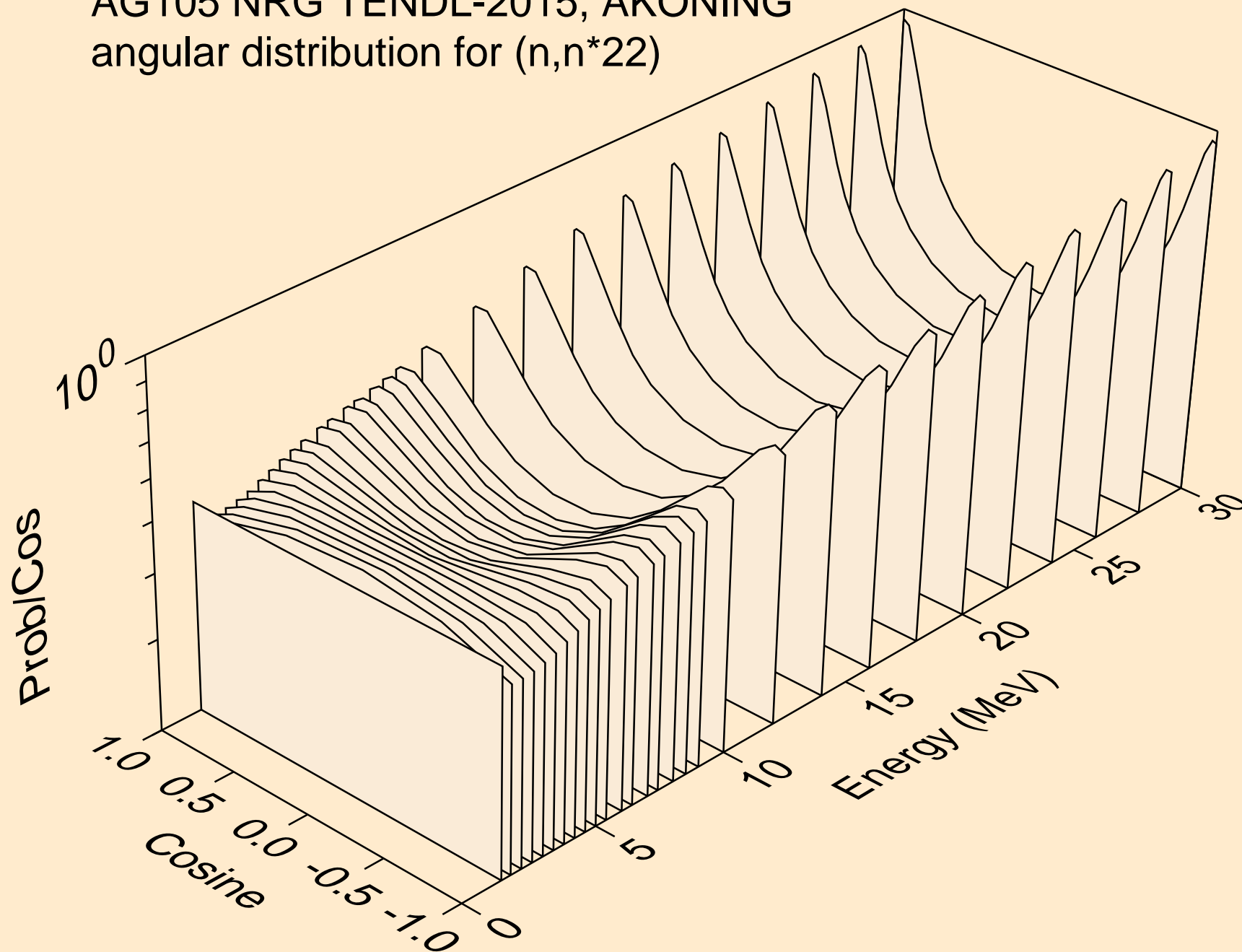
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



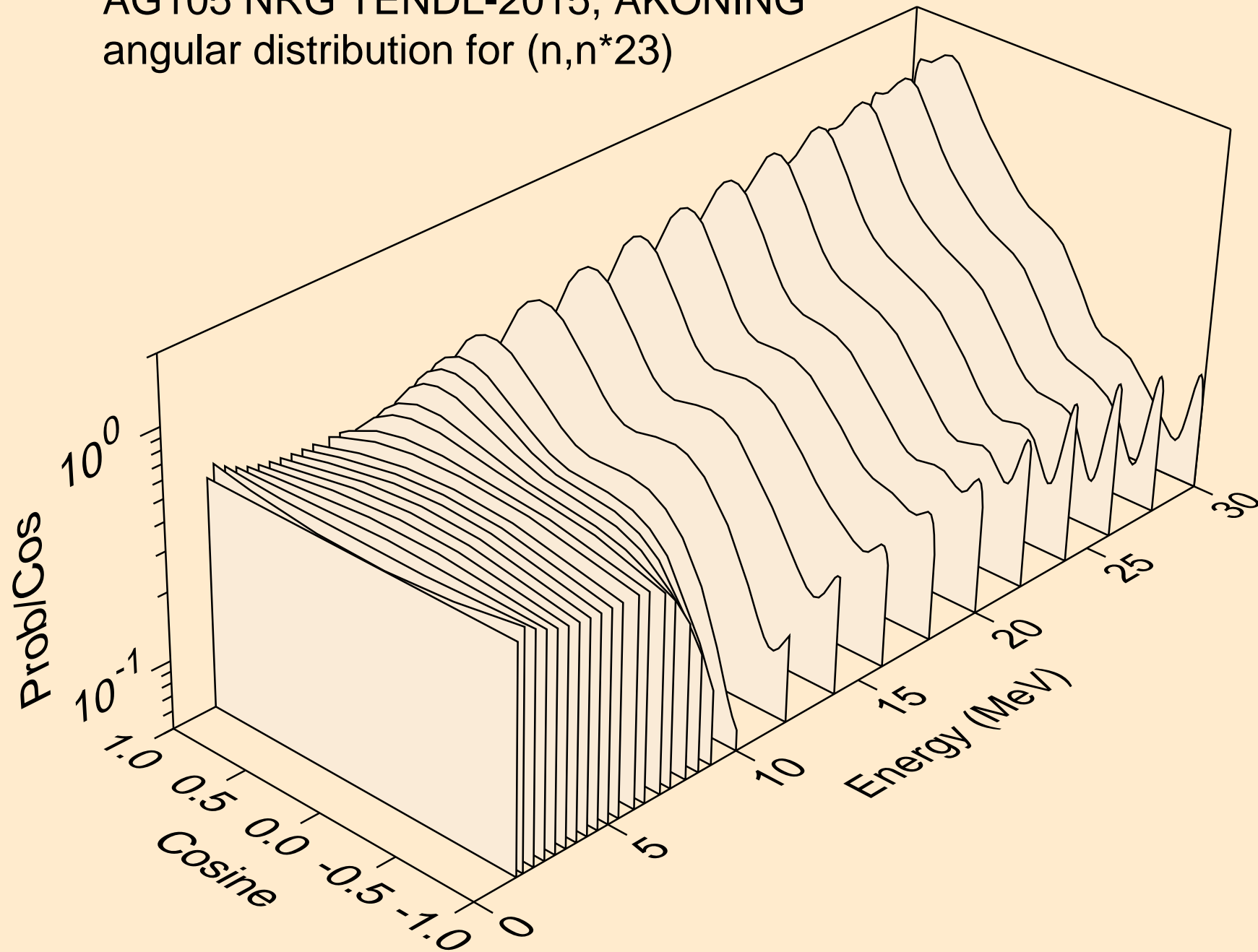
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



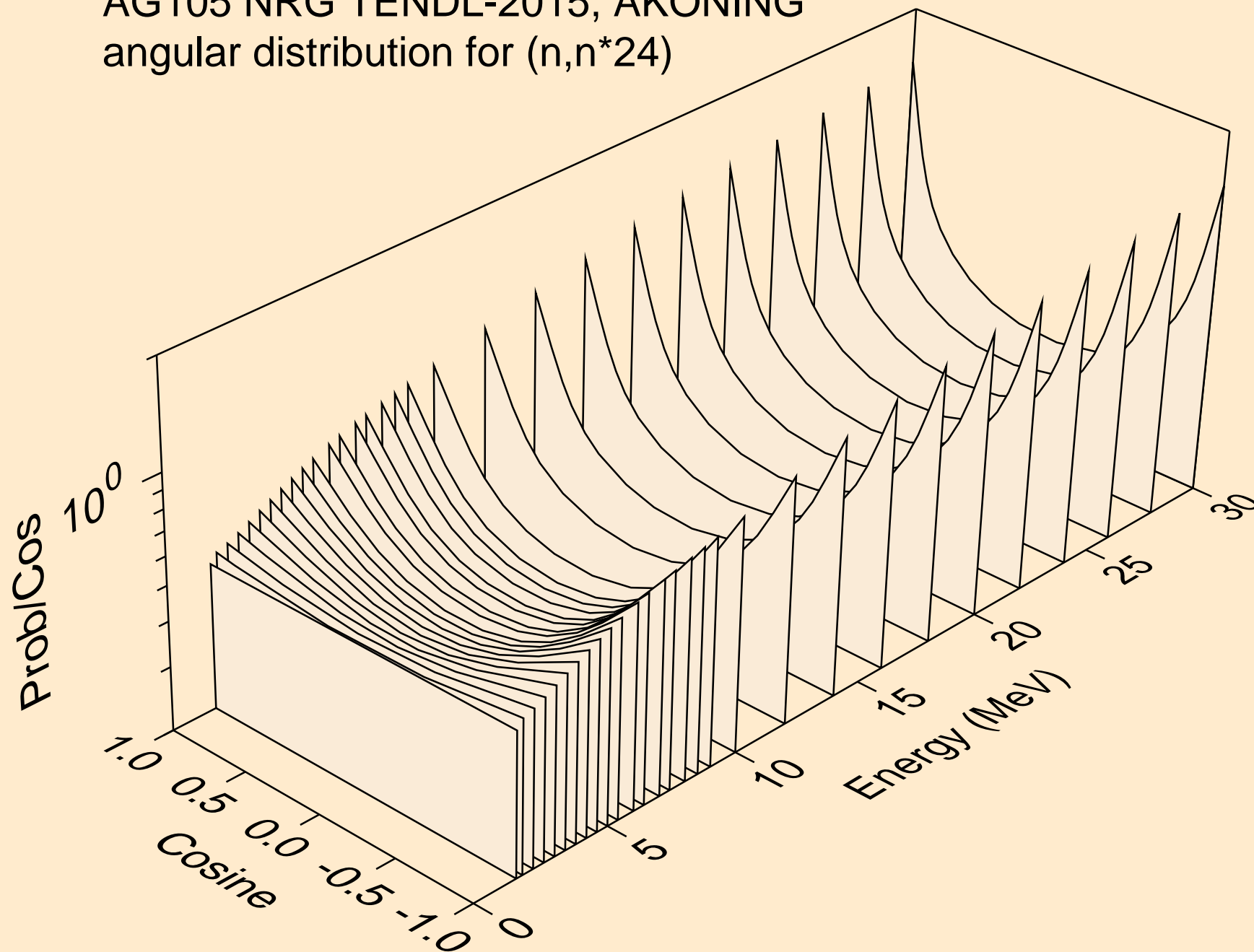
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

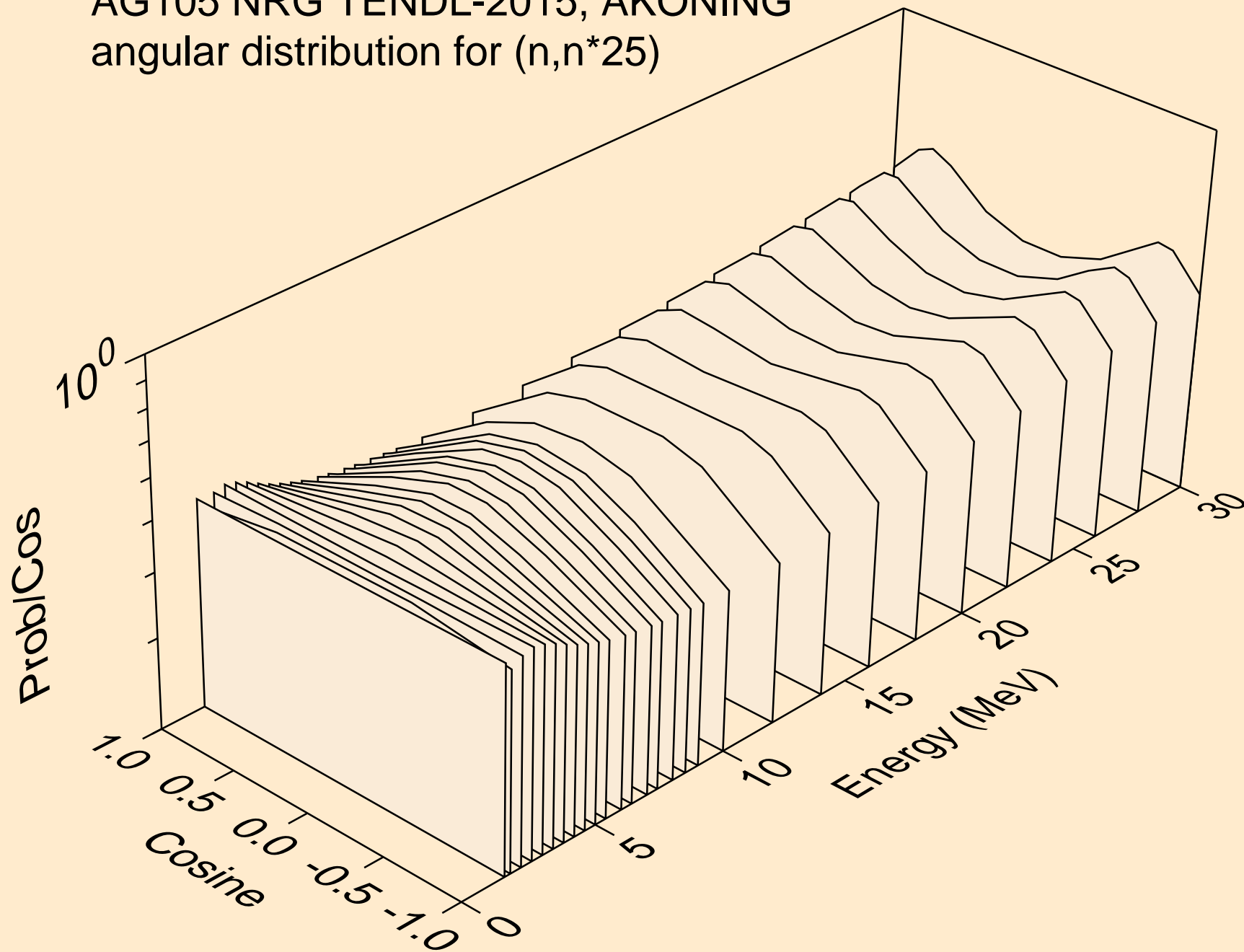


AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

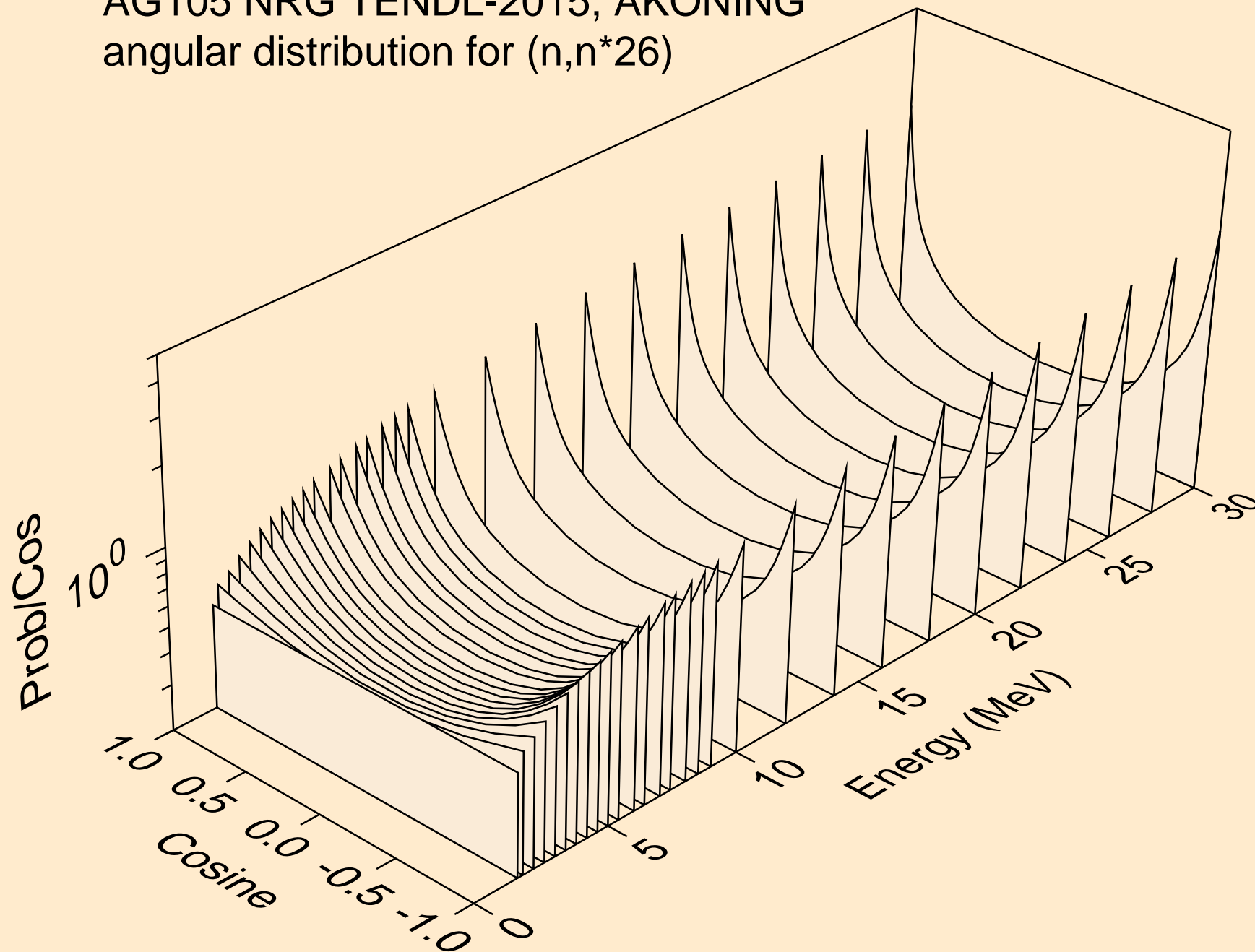




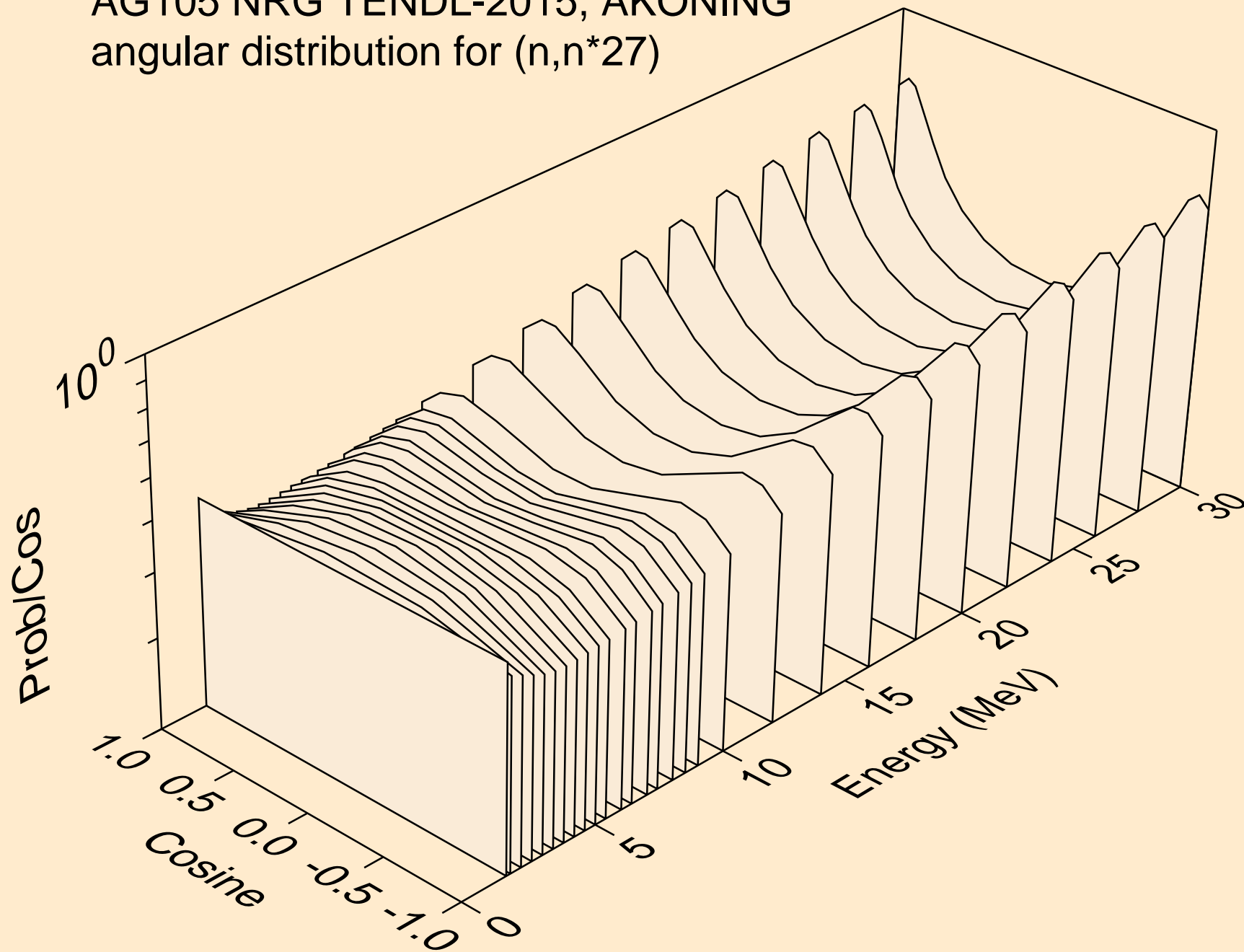
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



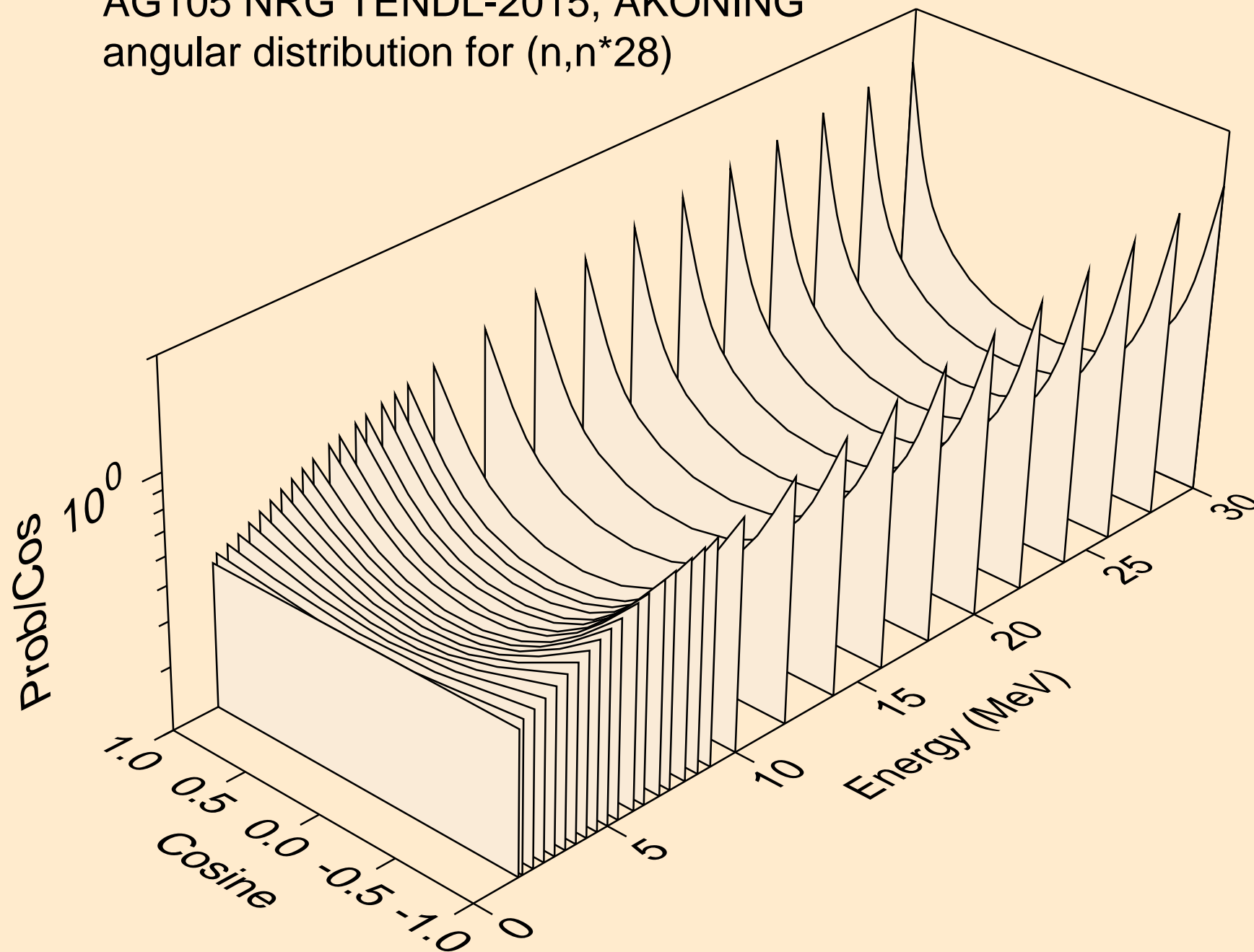
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



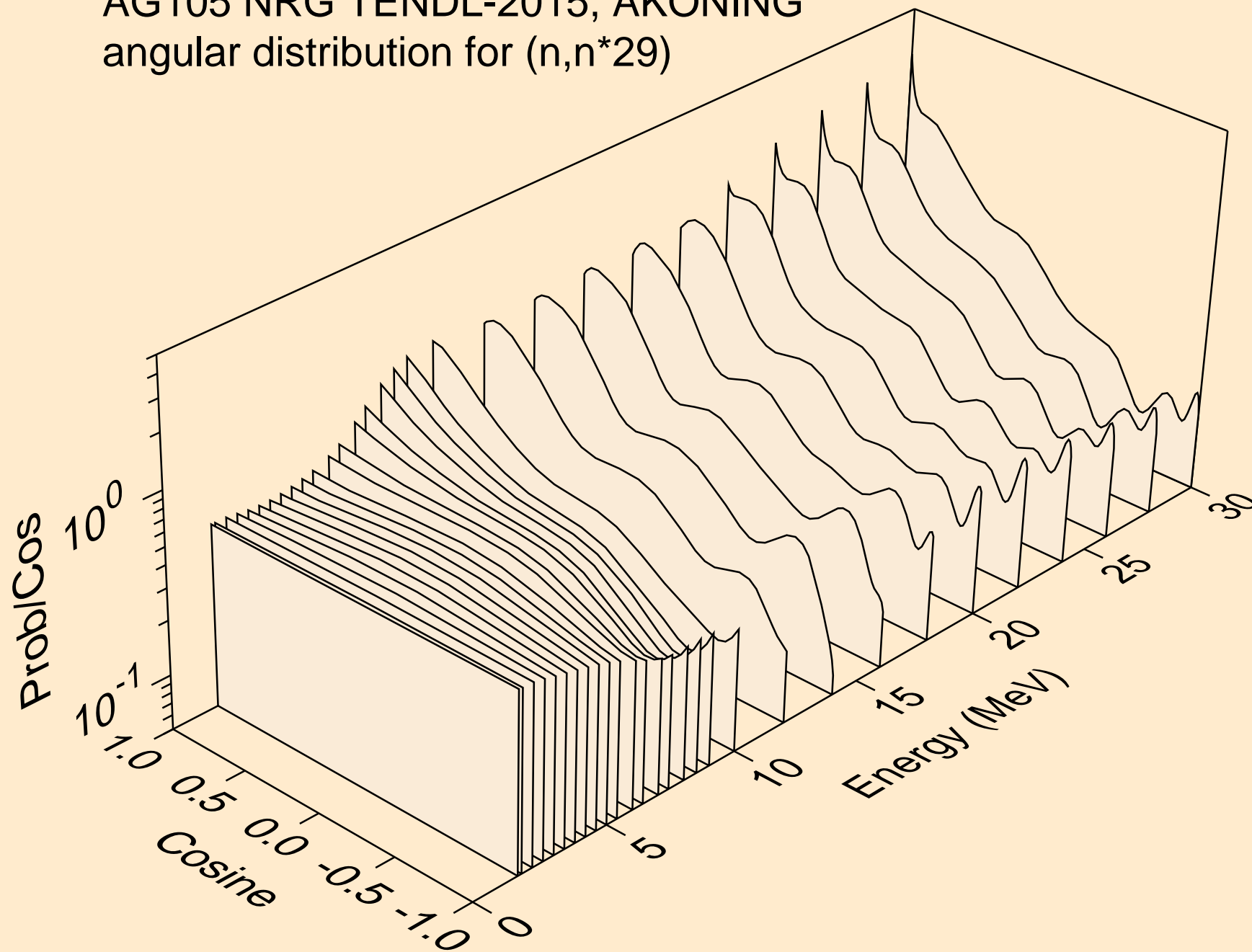
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



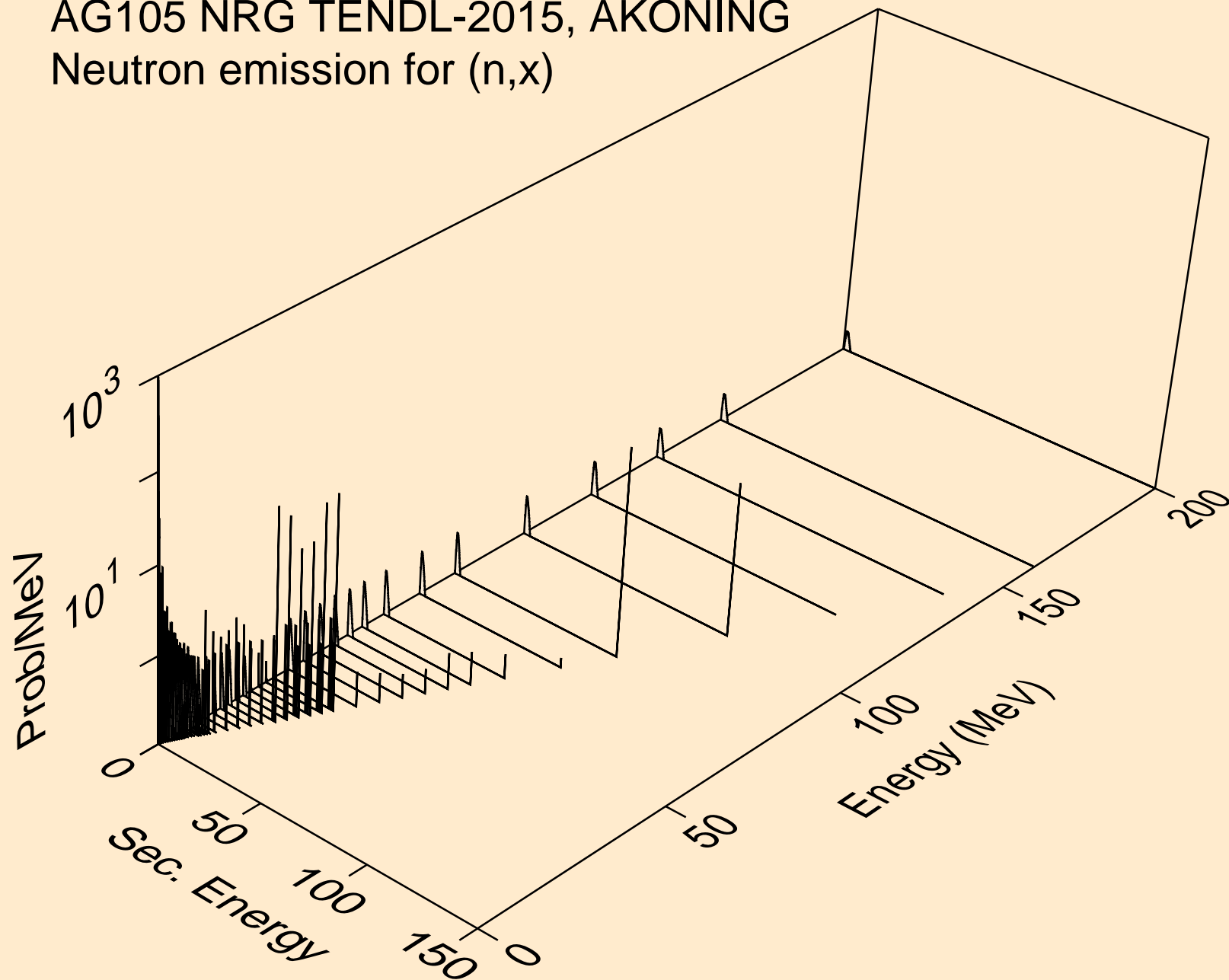
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



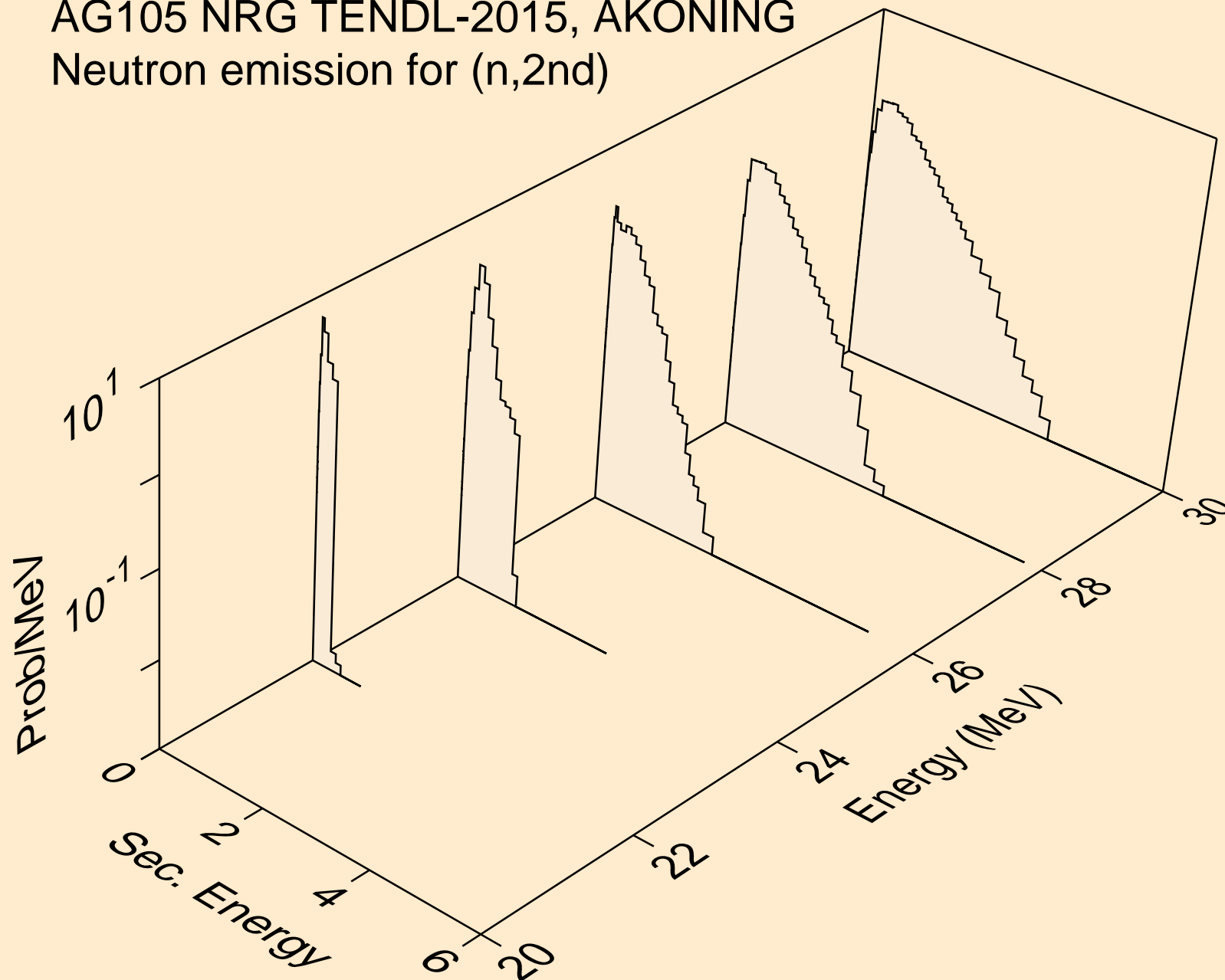
AG105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



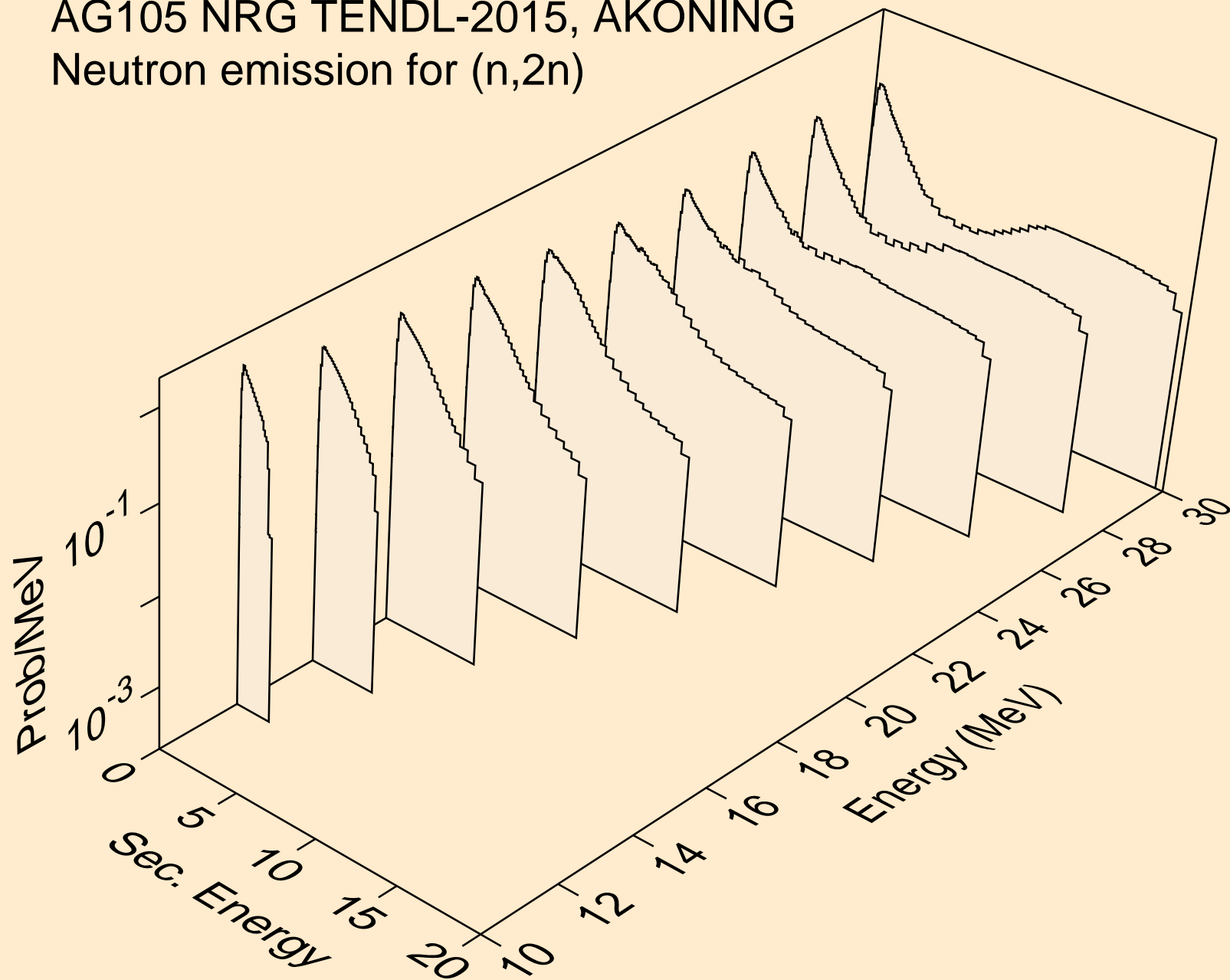
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

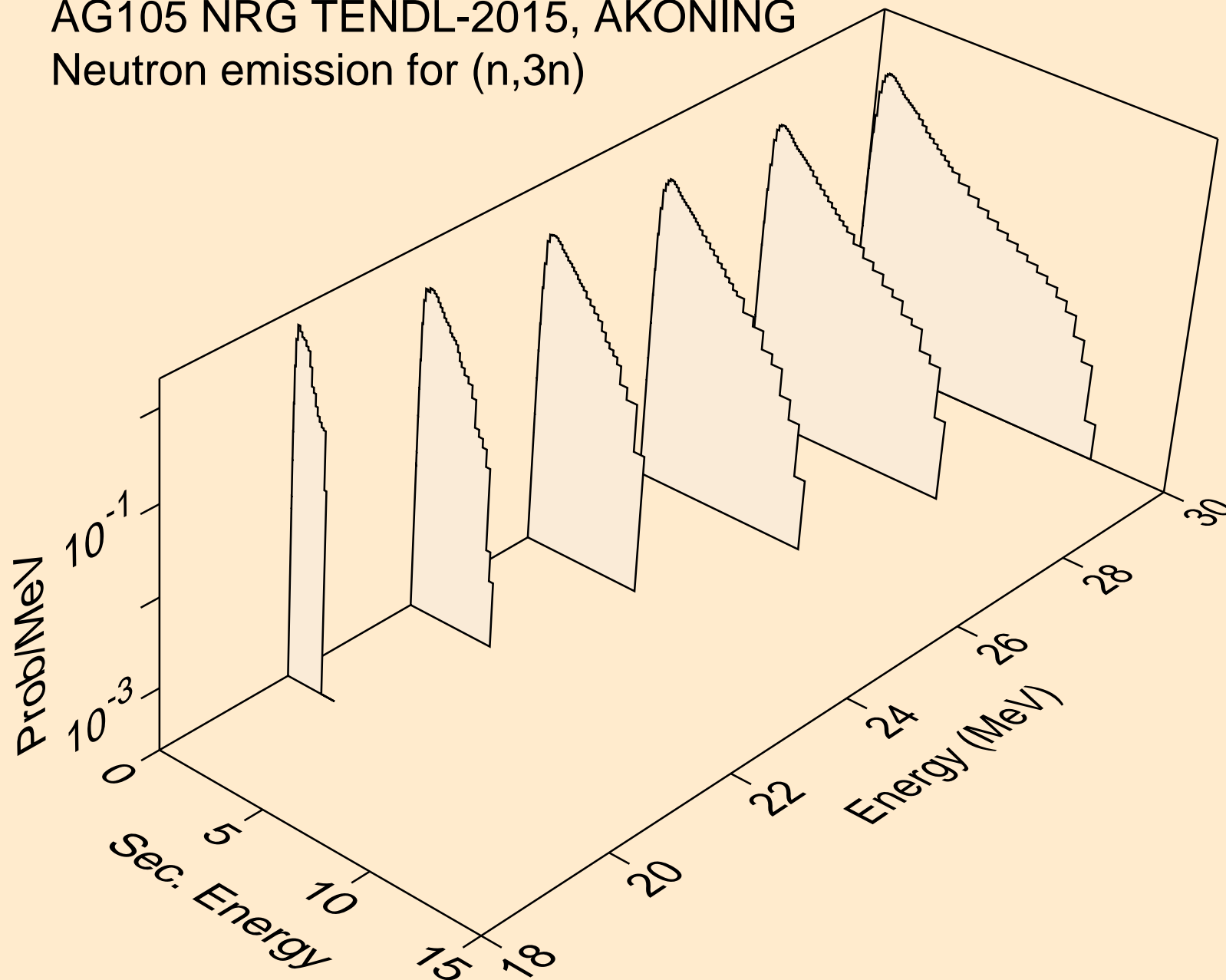


AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

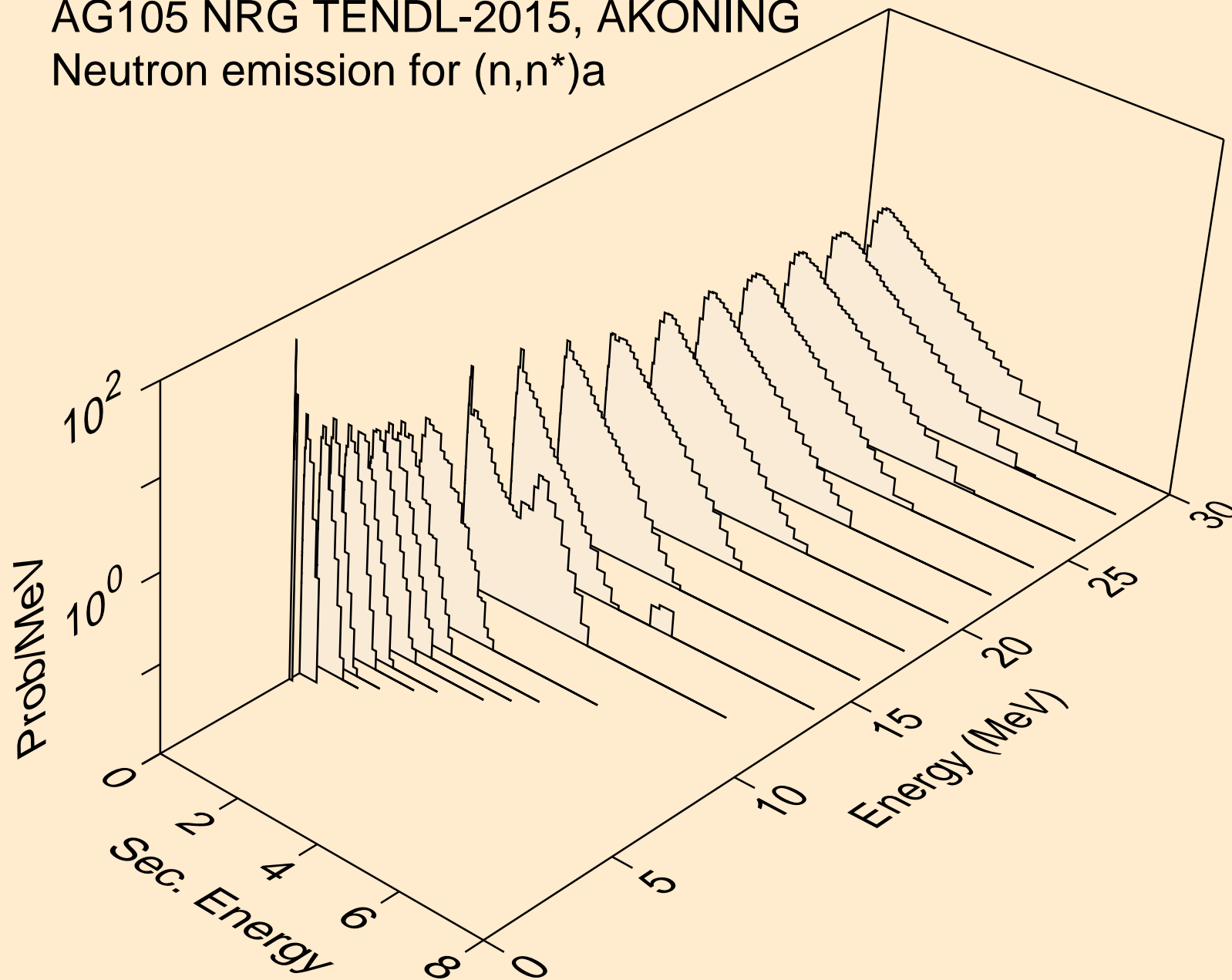




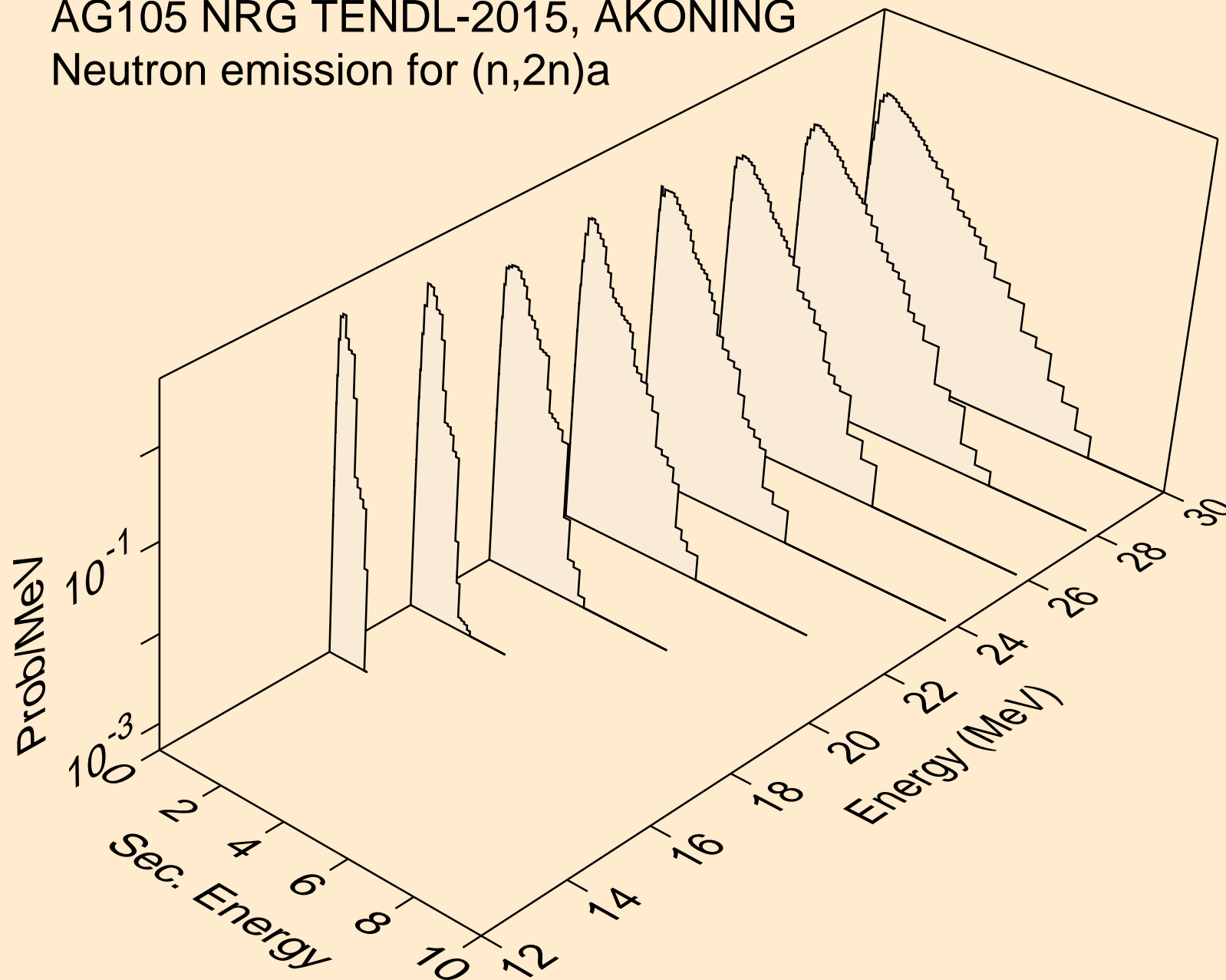
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



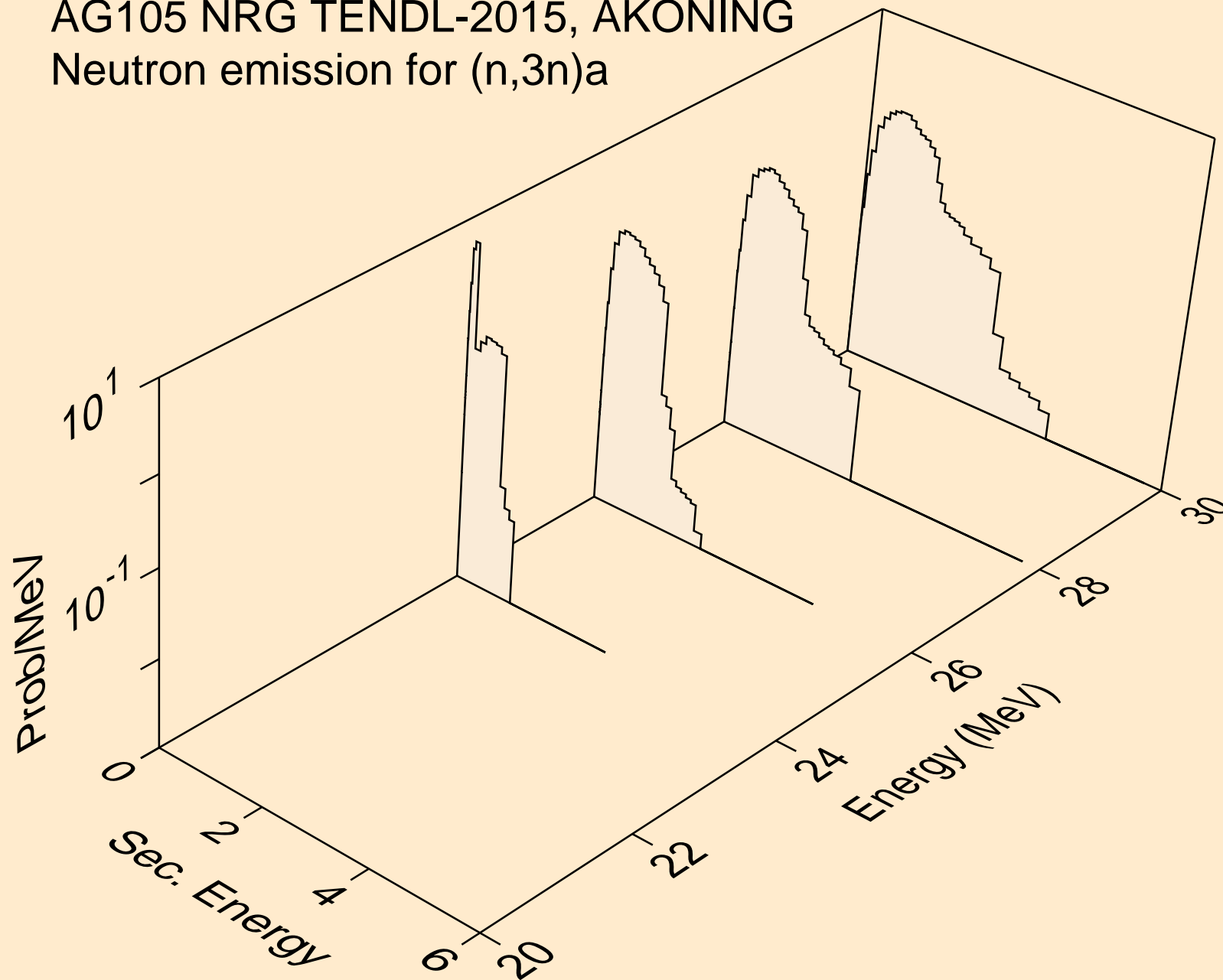
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



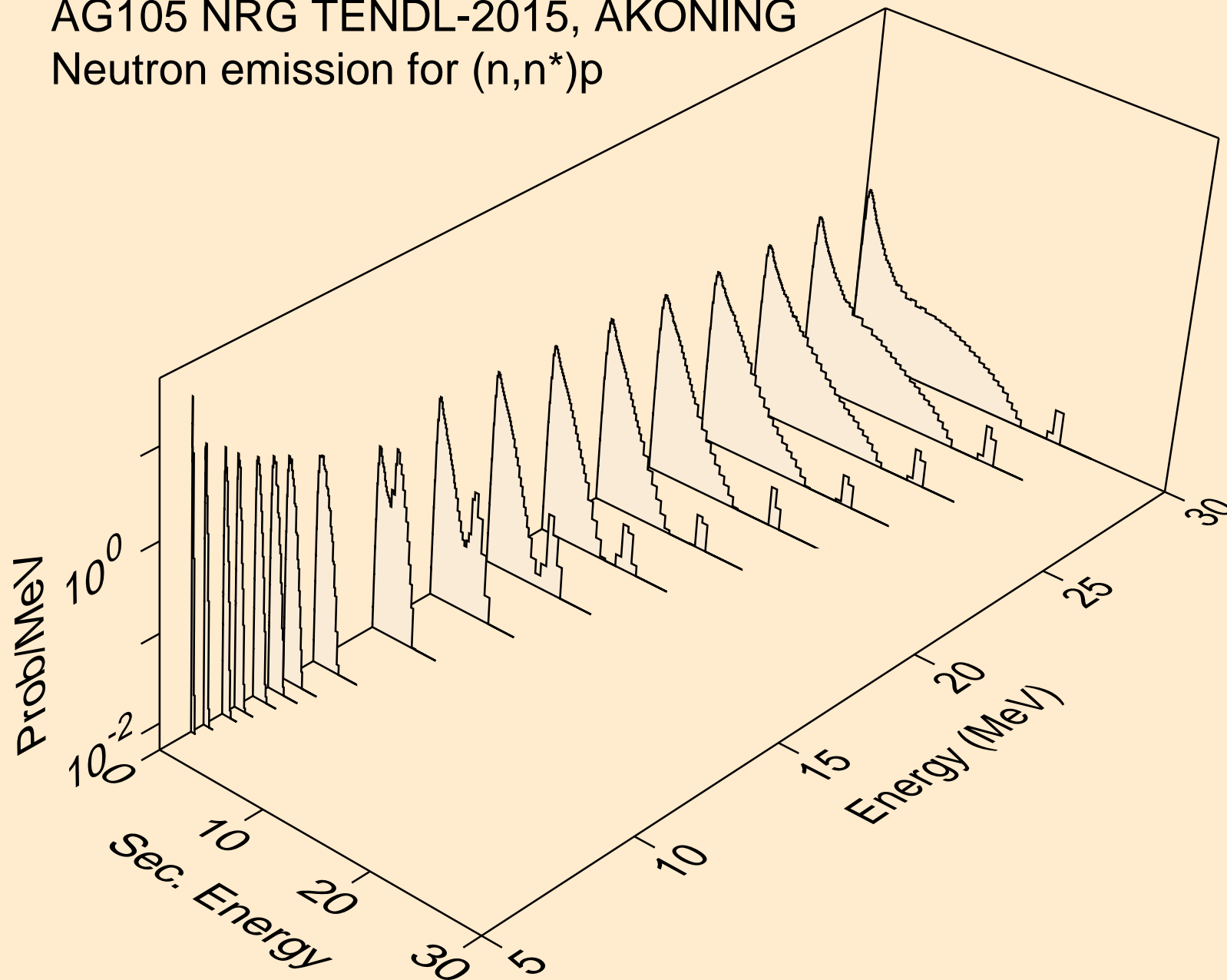
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



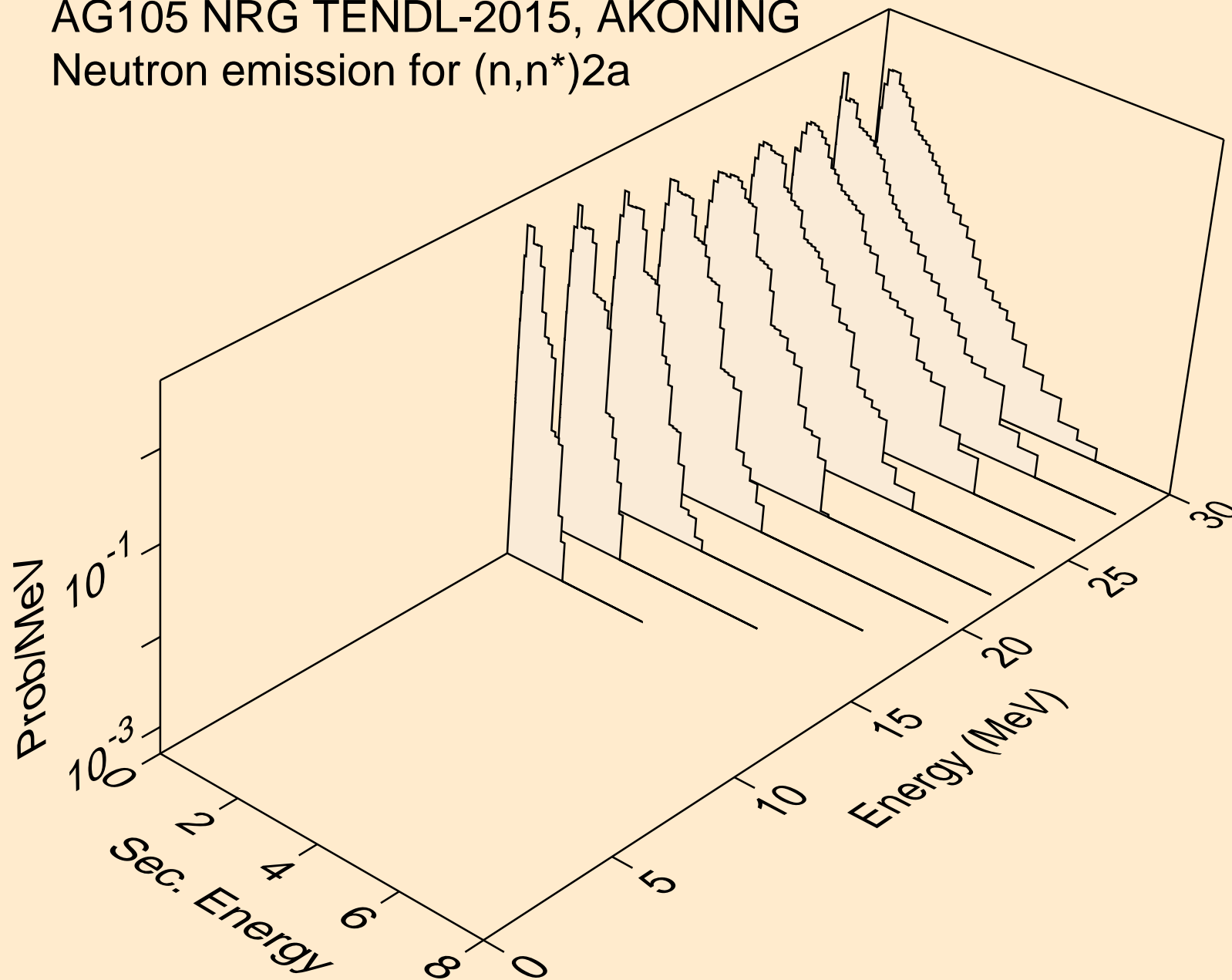
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



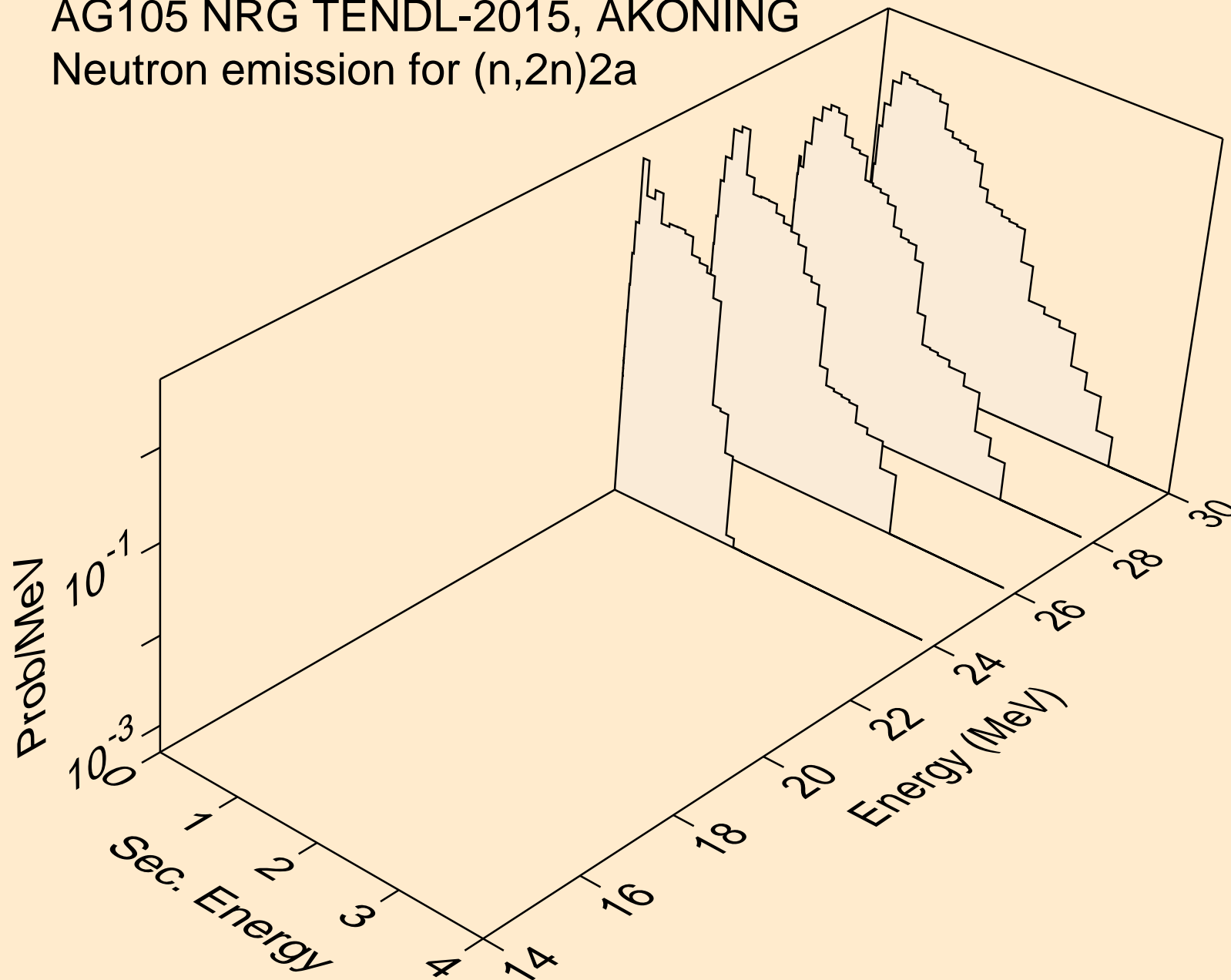
AG105 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



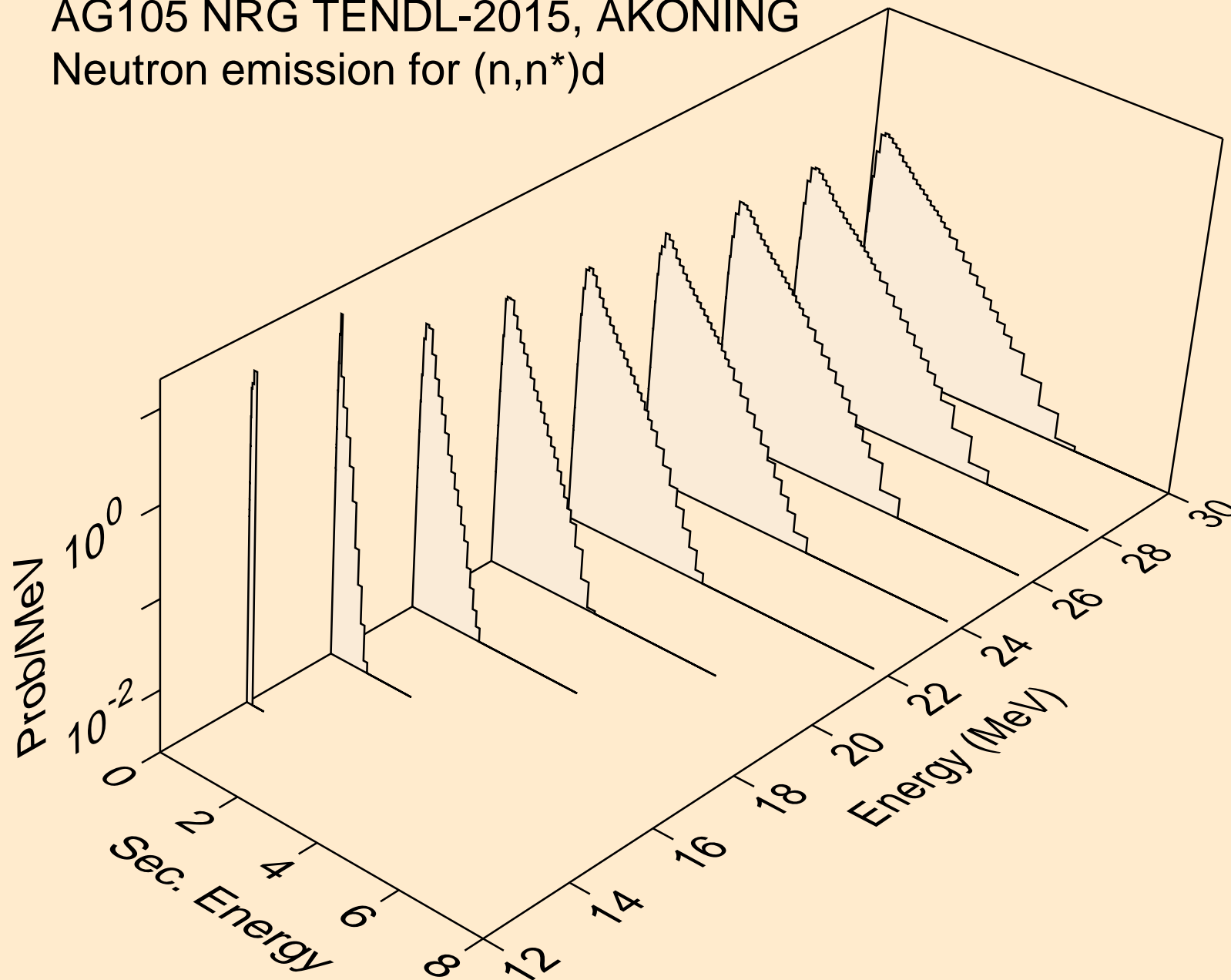
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

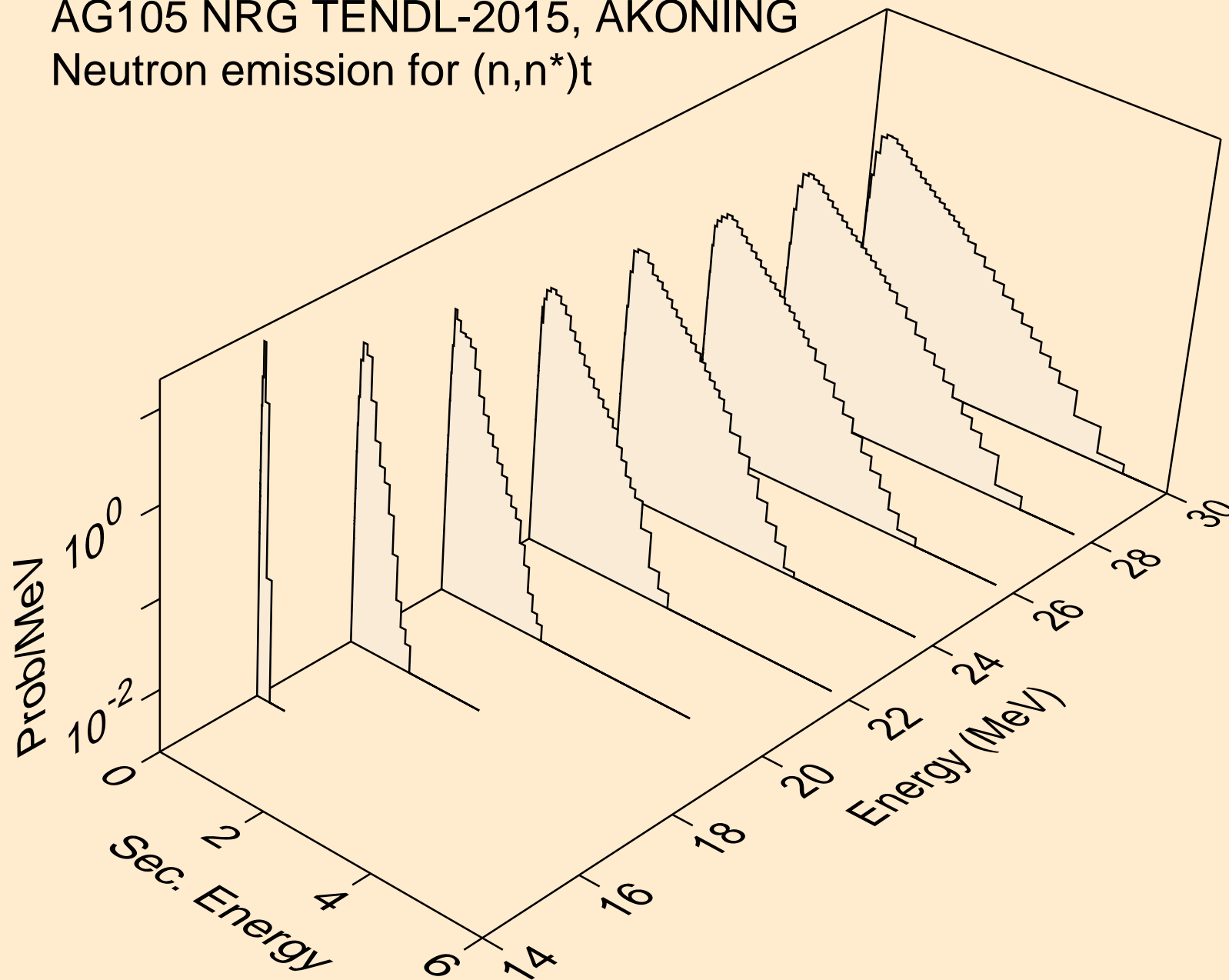


AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

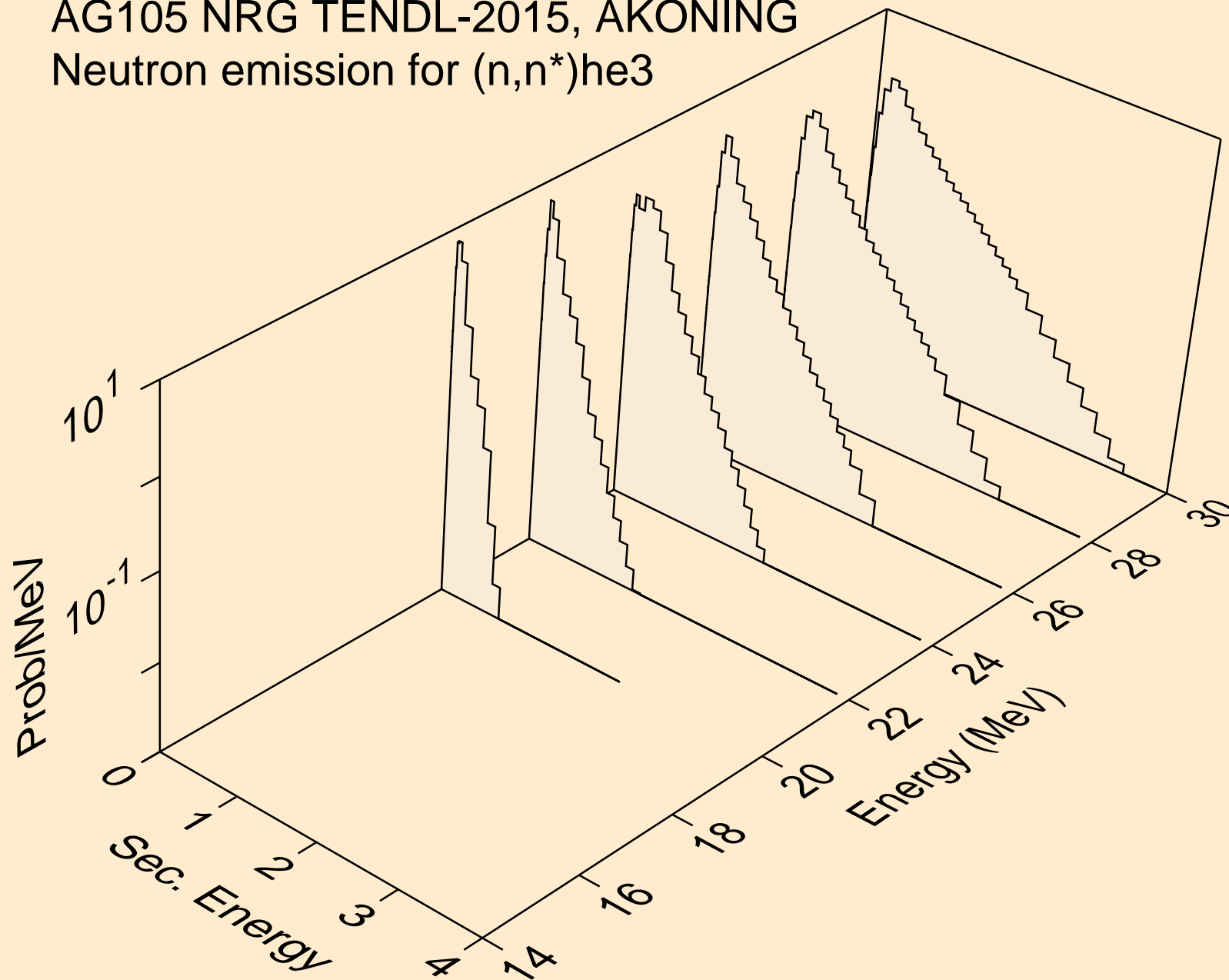




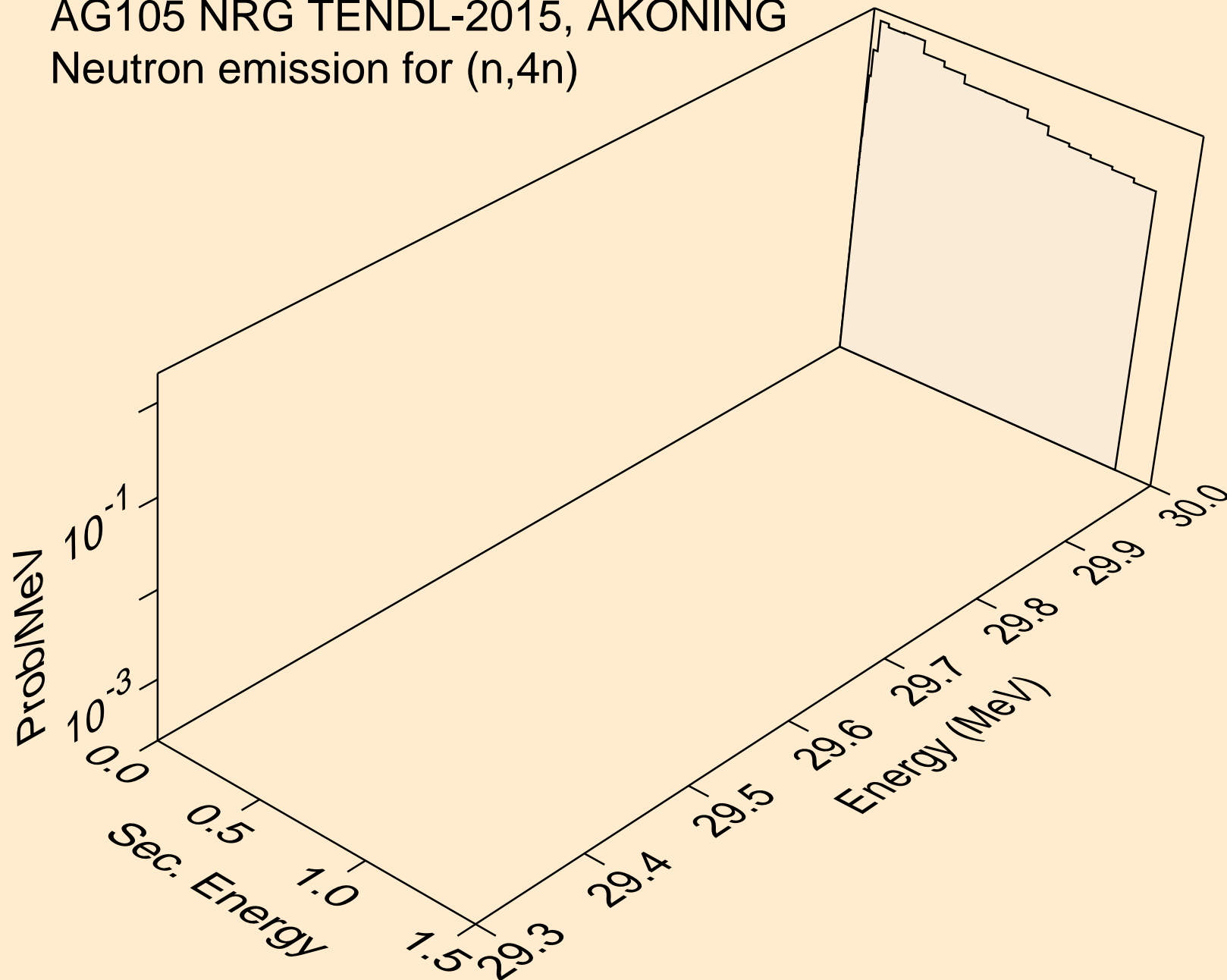
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



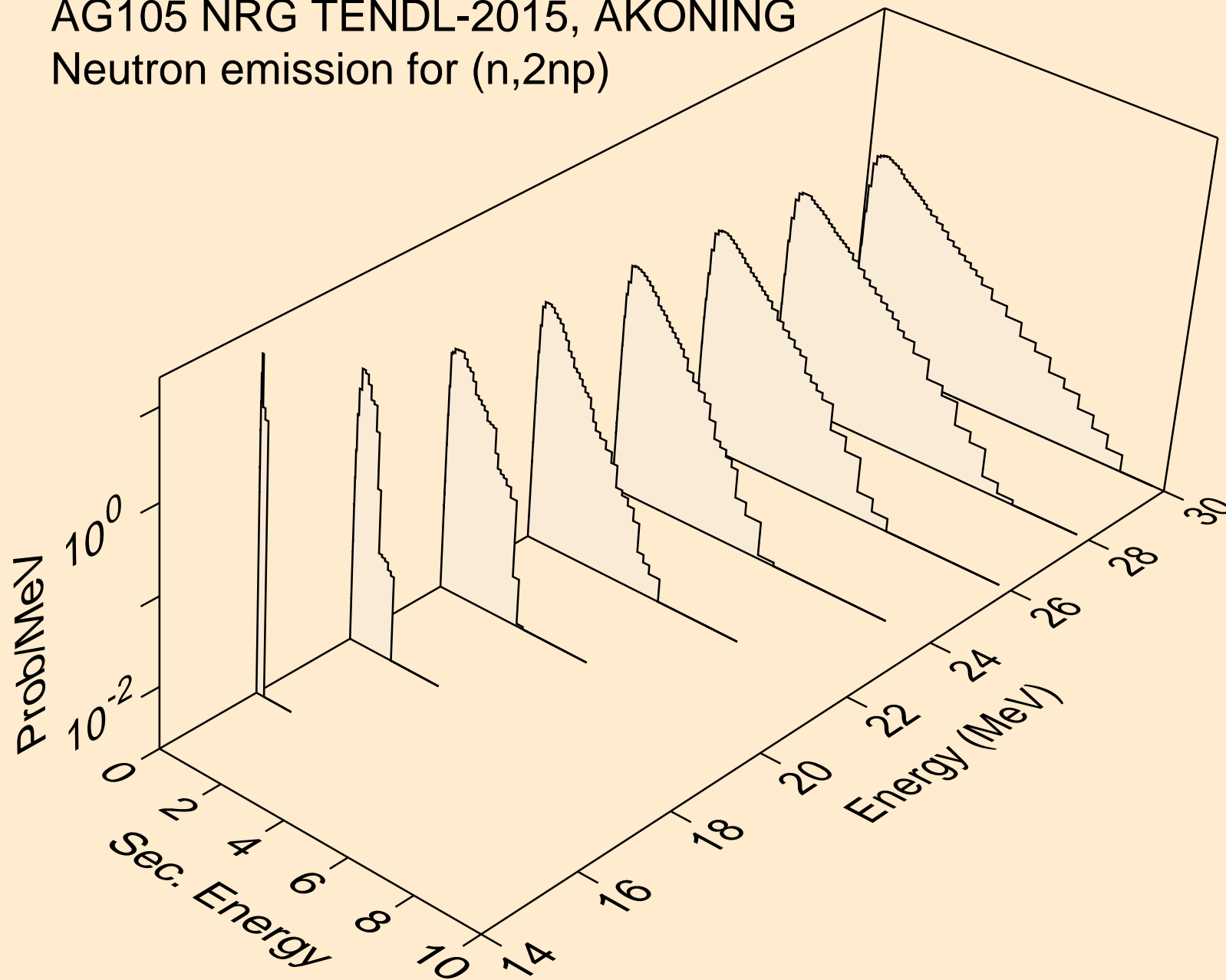
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



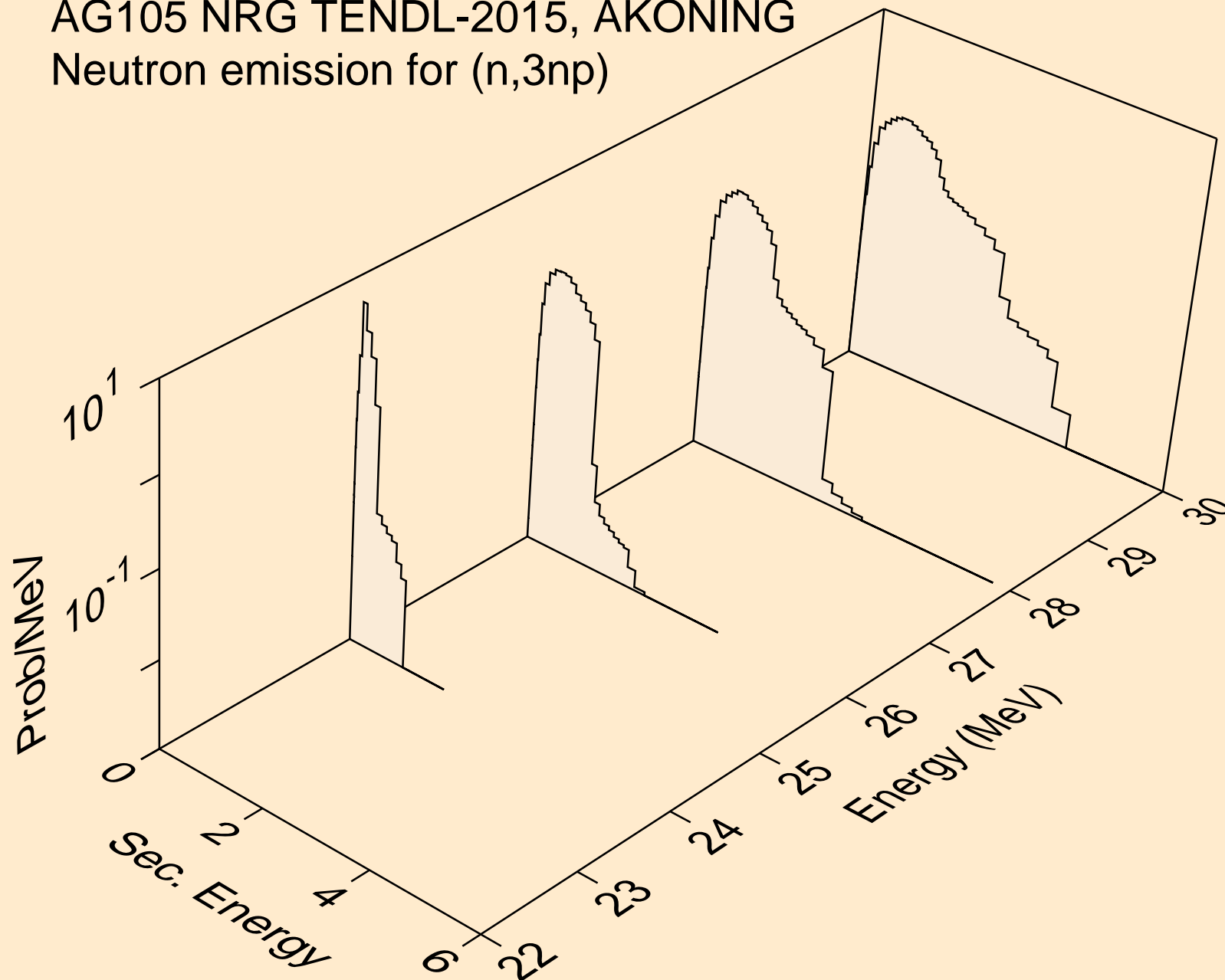
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



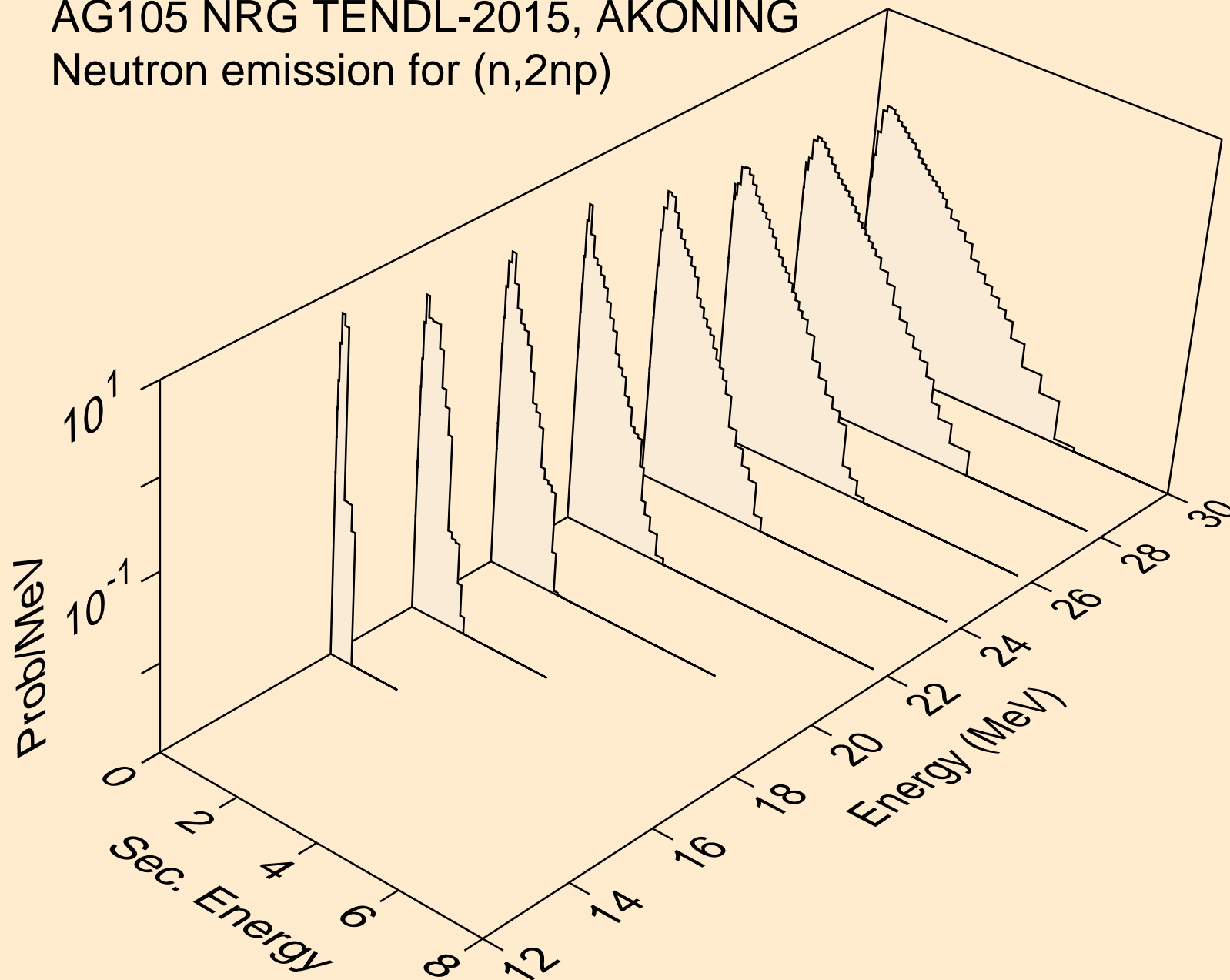
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



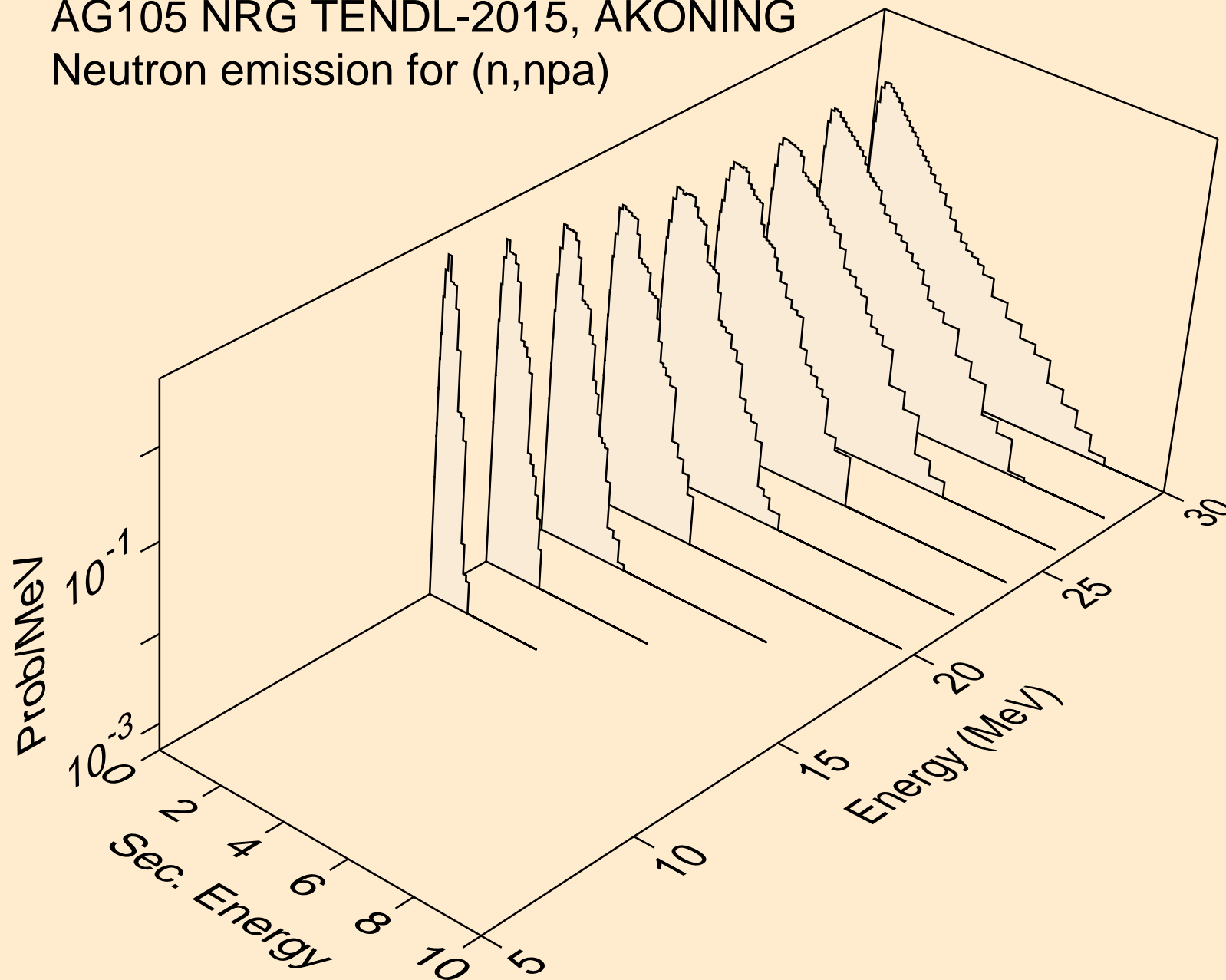
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



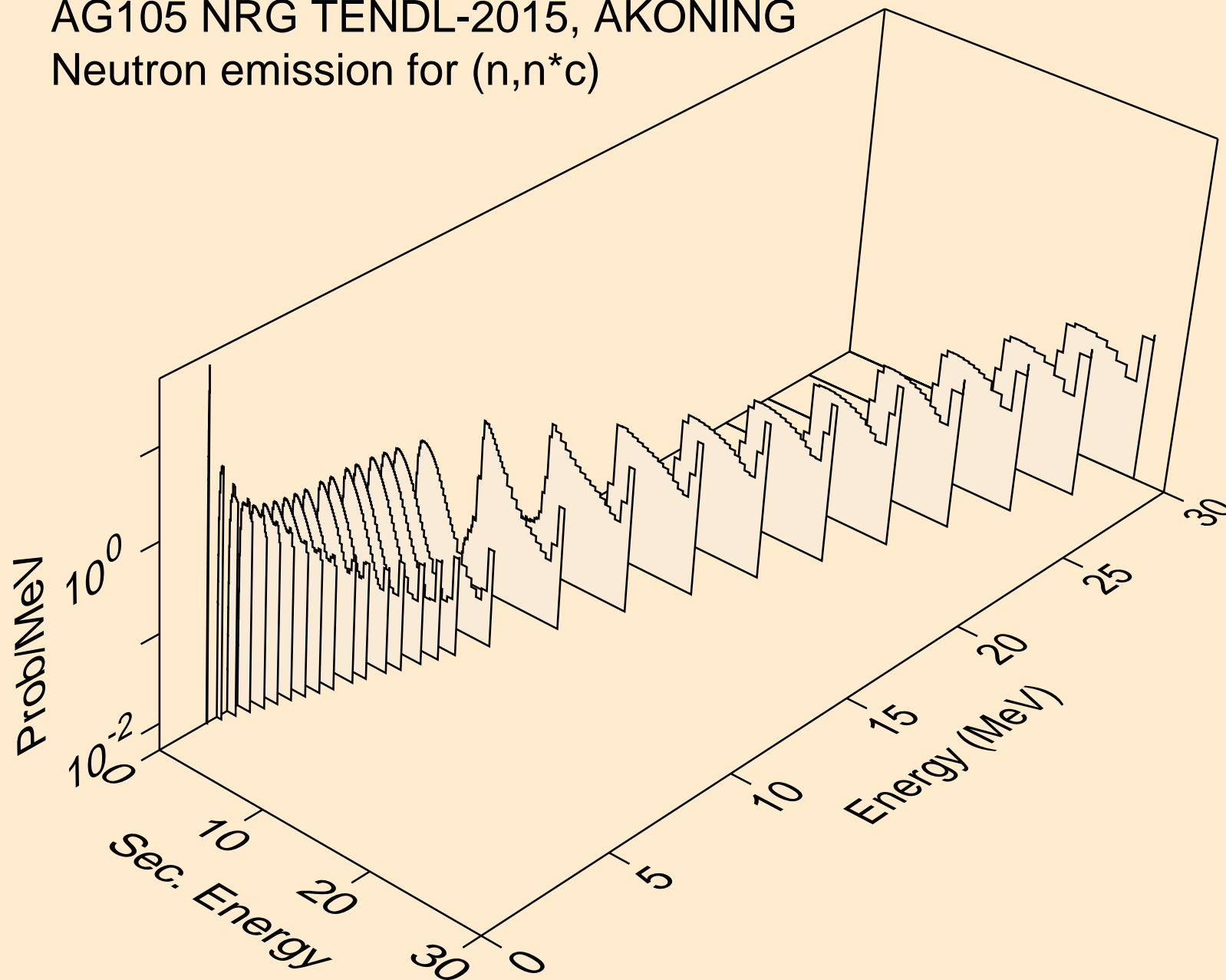
AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

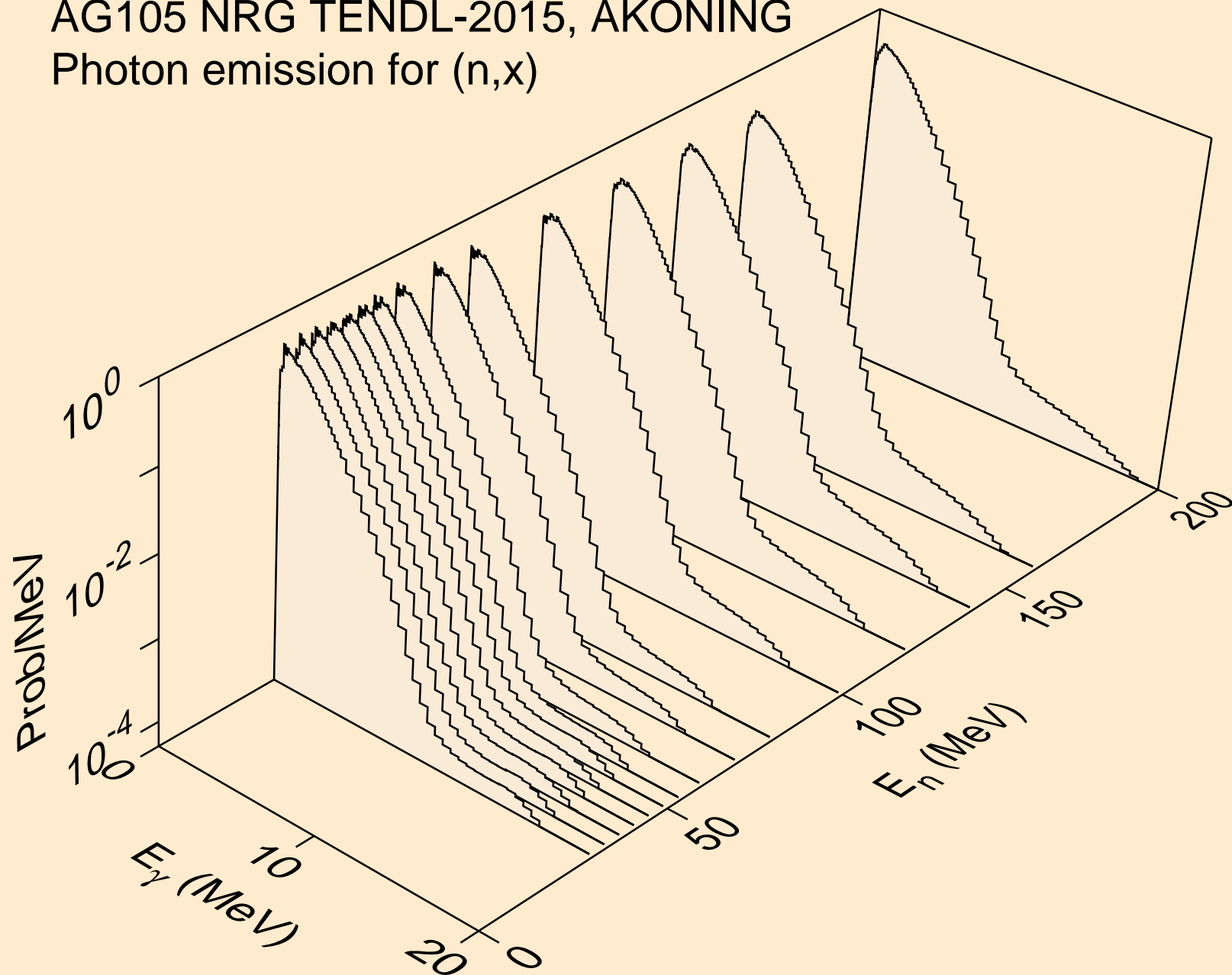


AG105 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

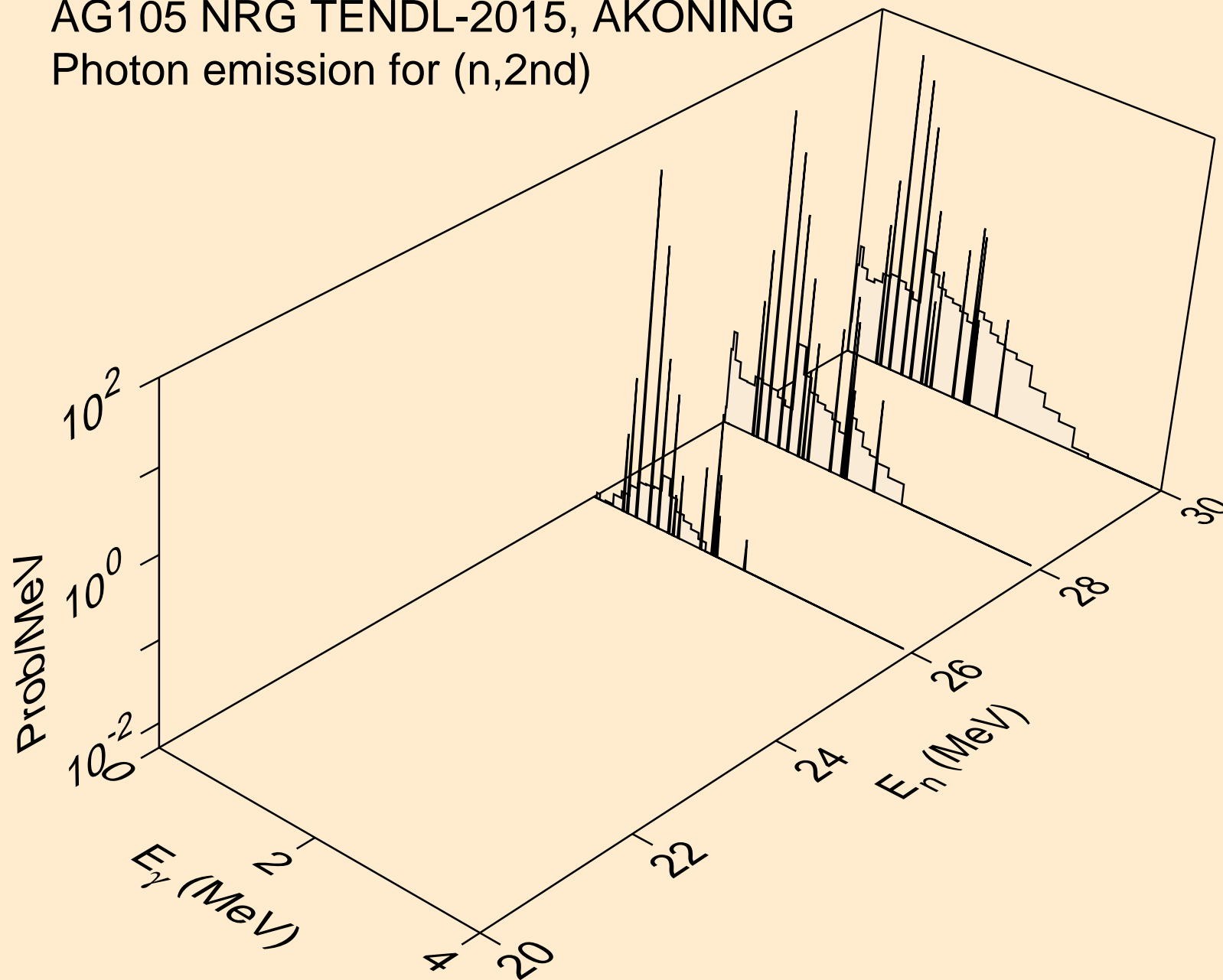




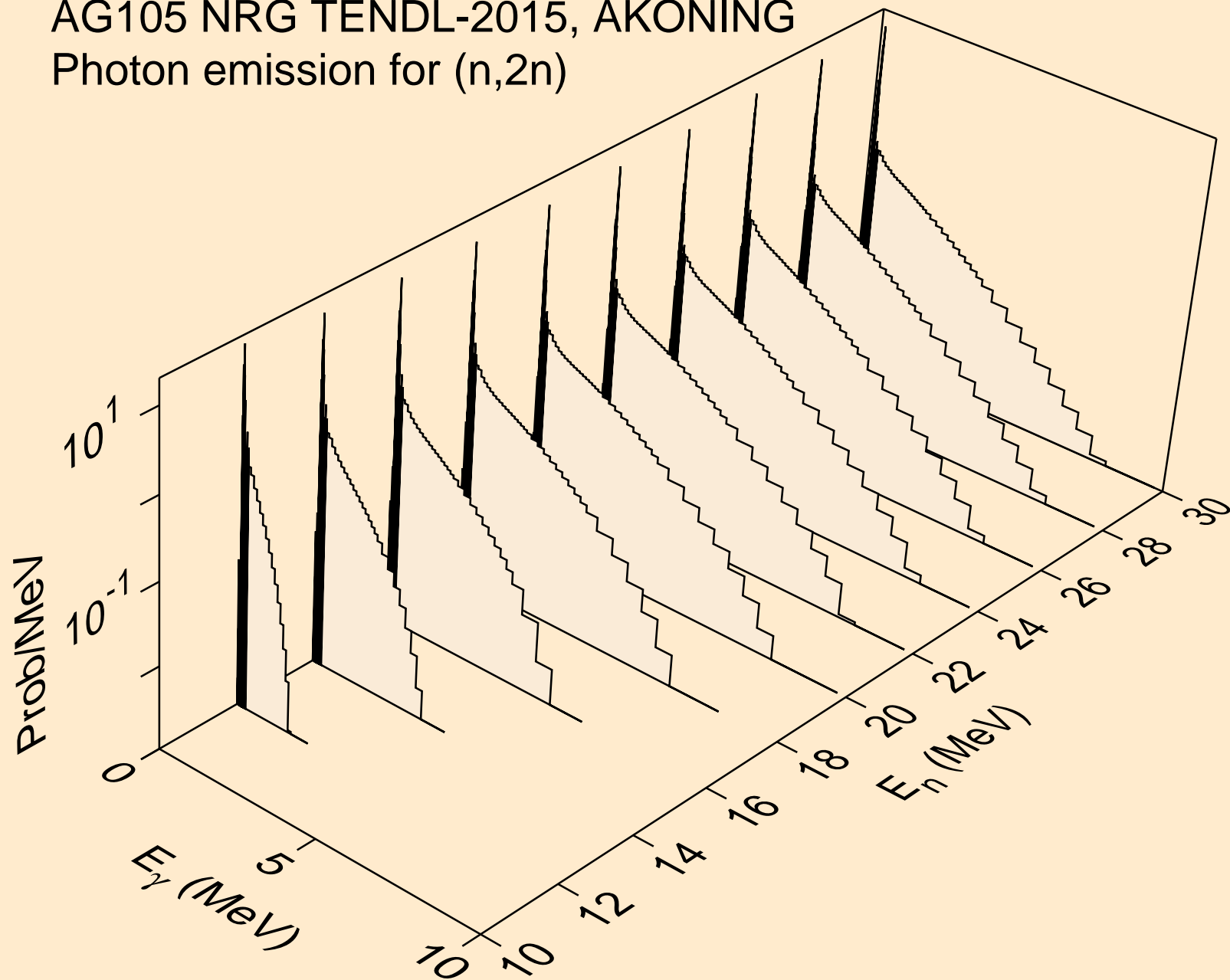
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



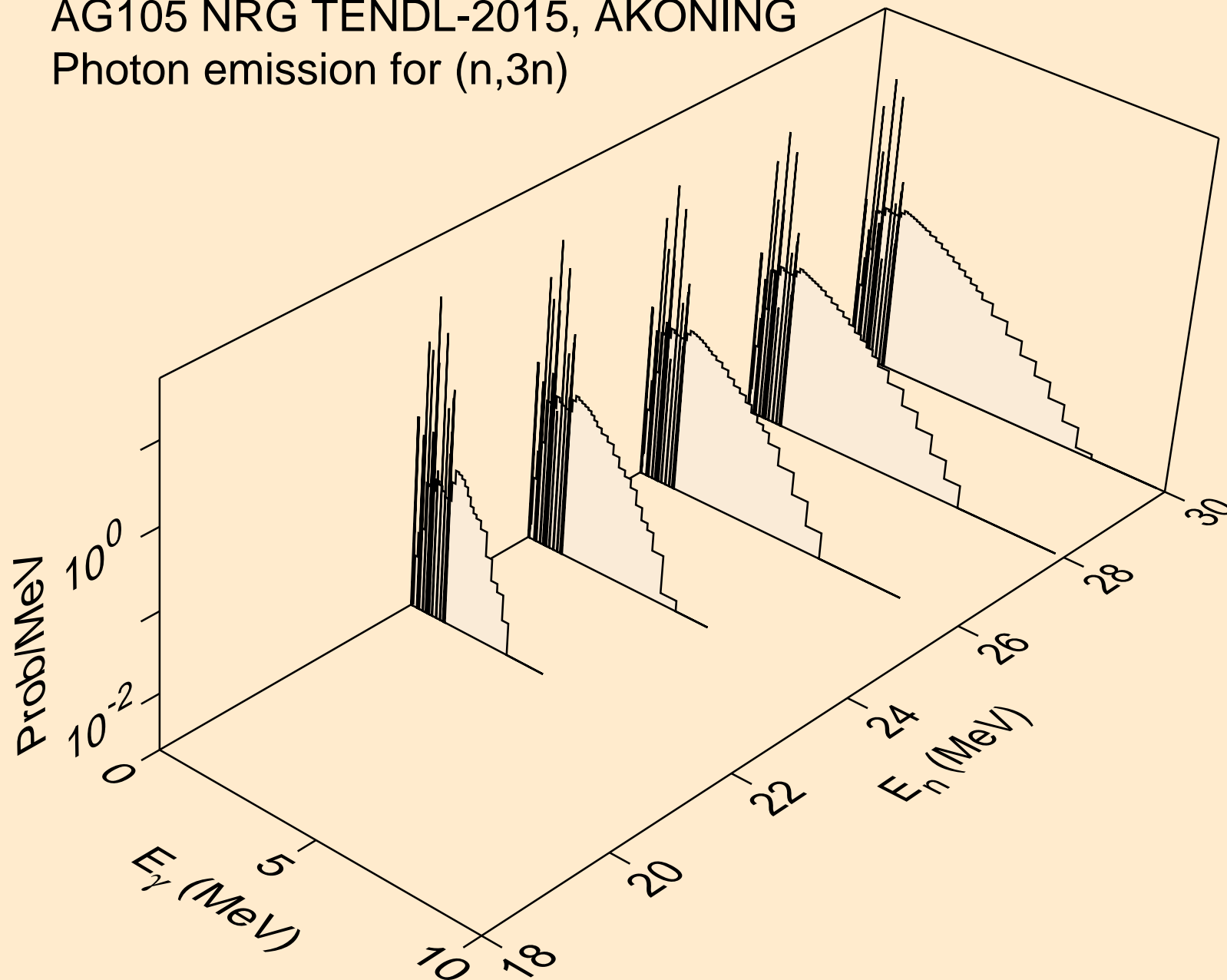
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



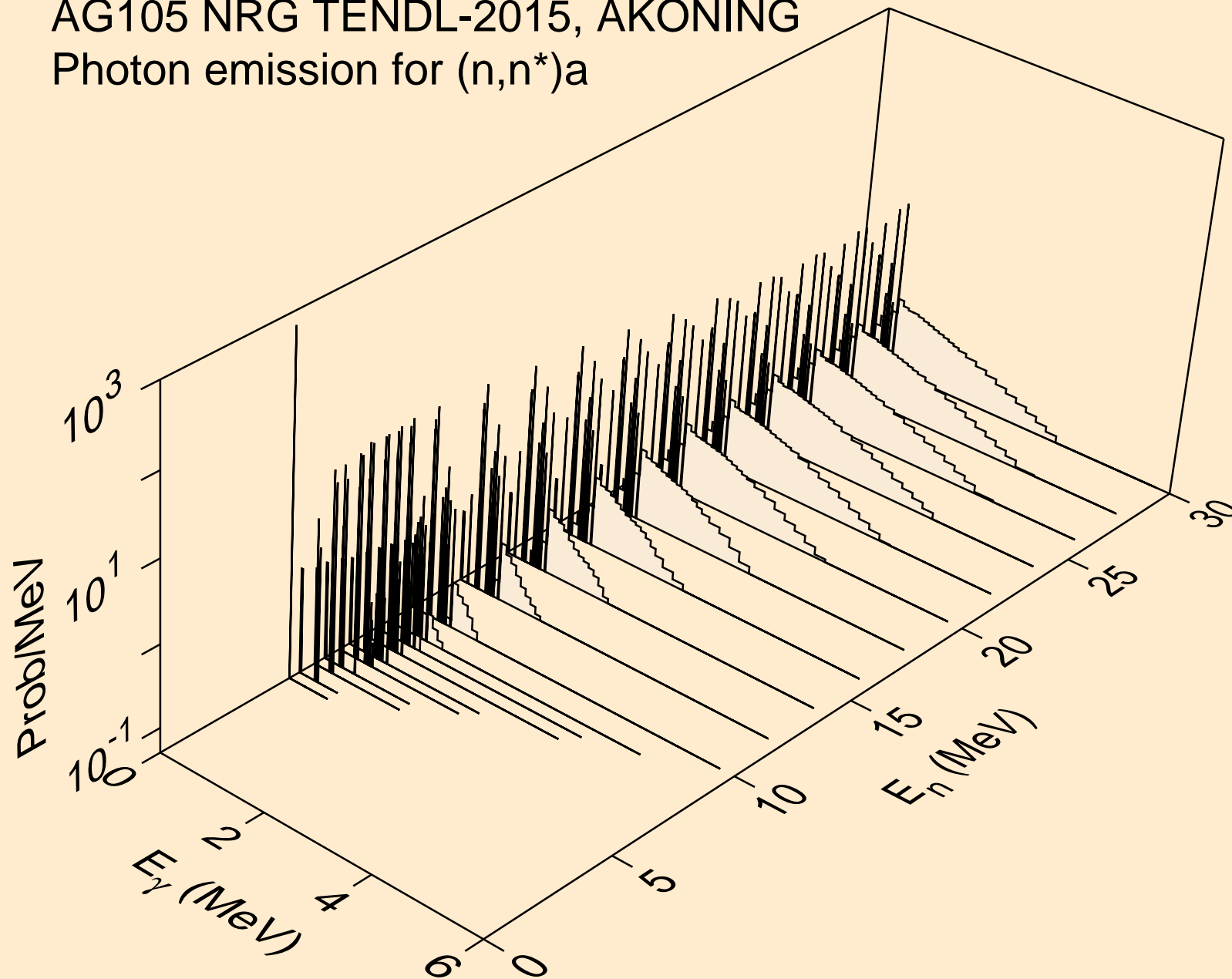
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



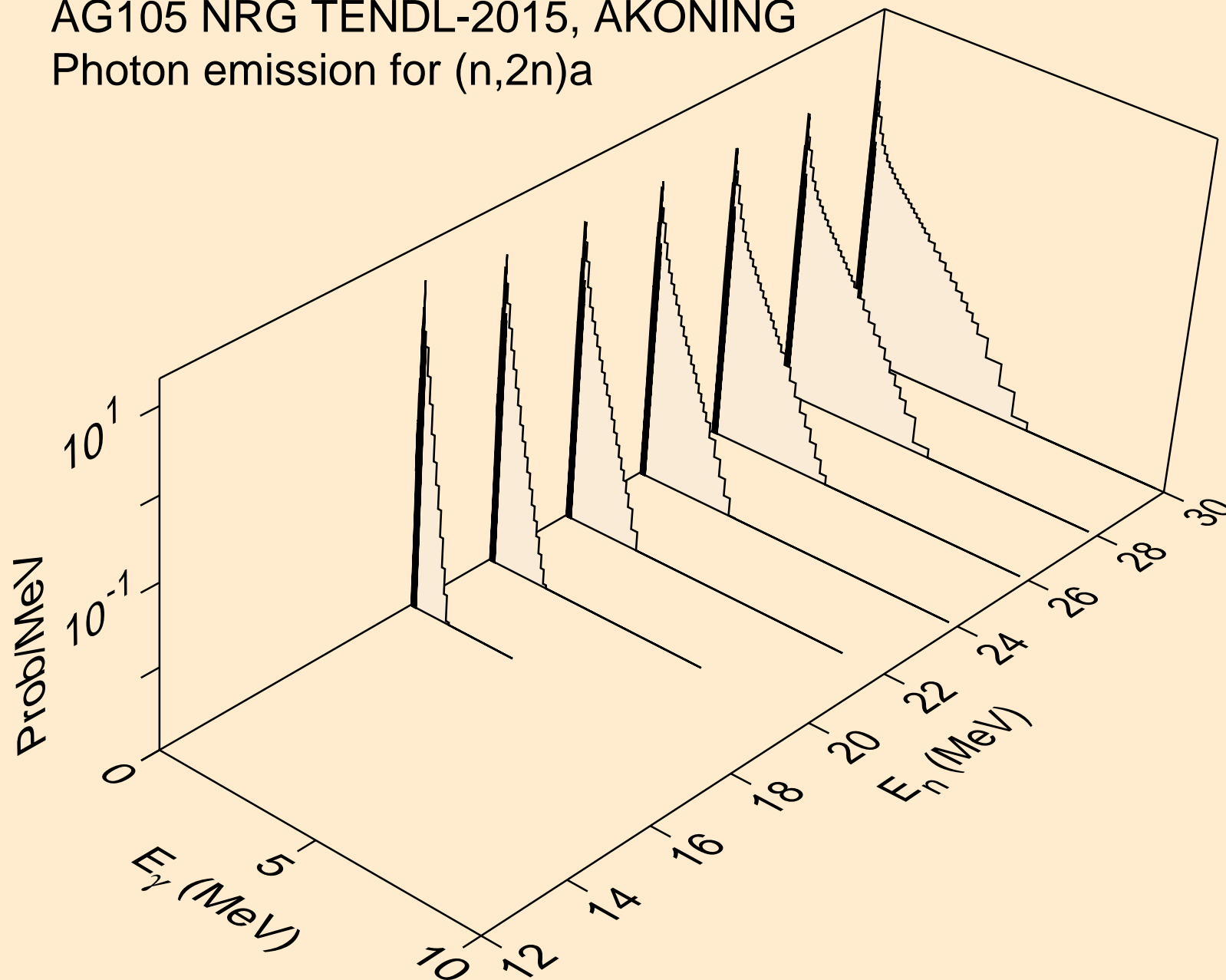
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



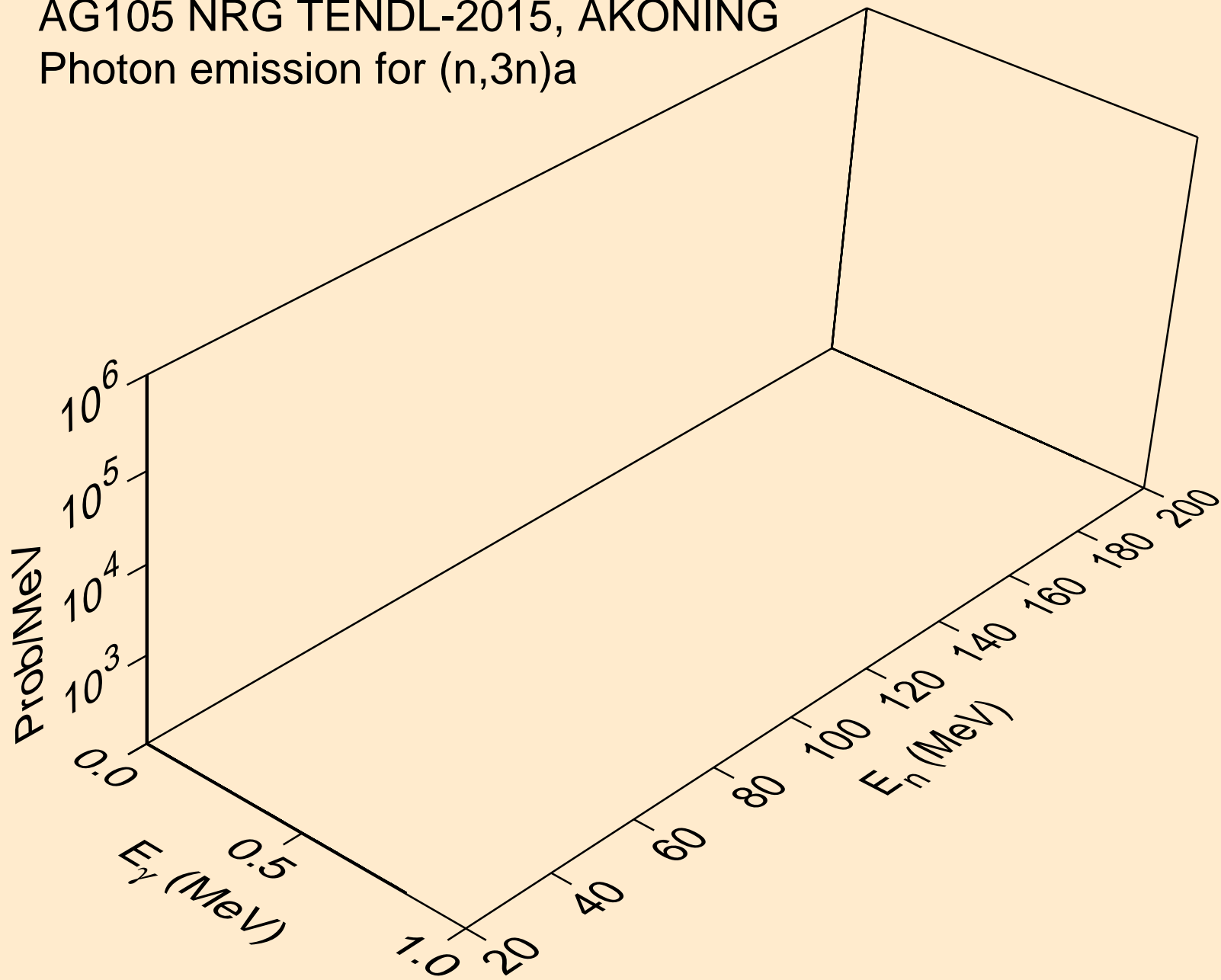
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

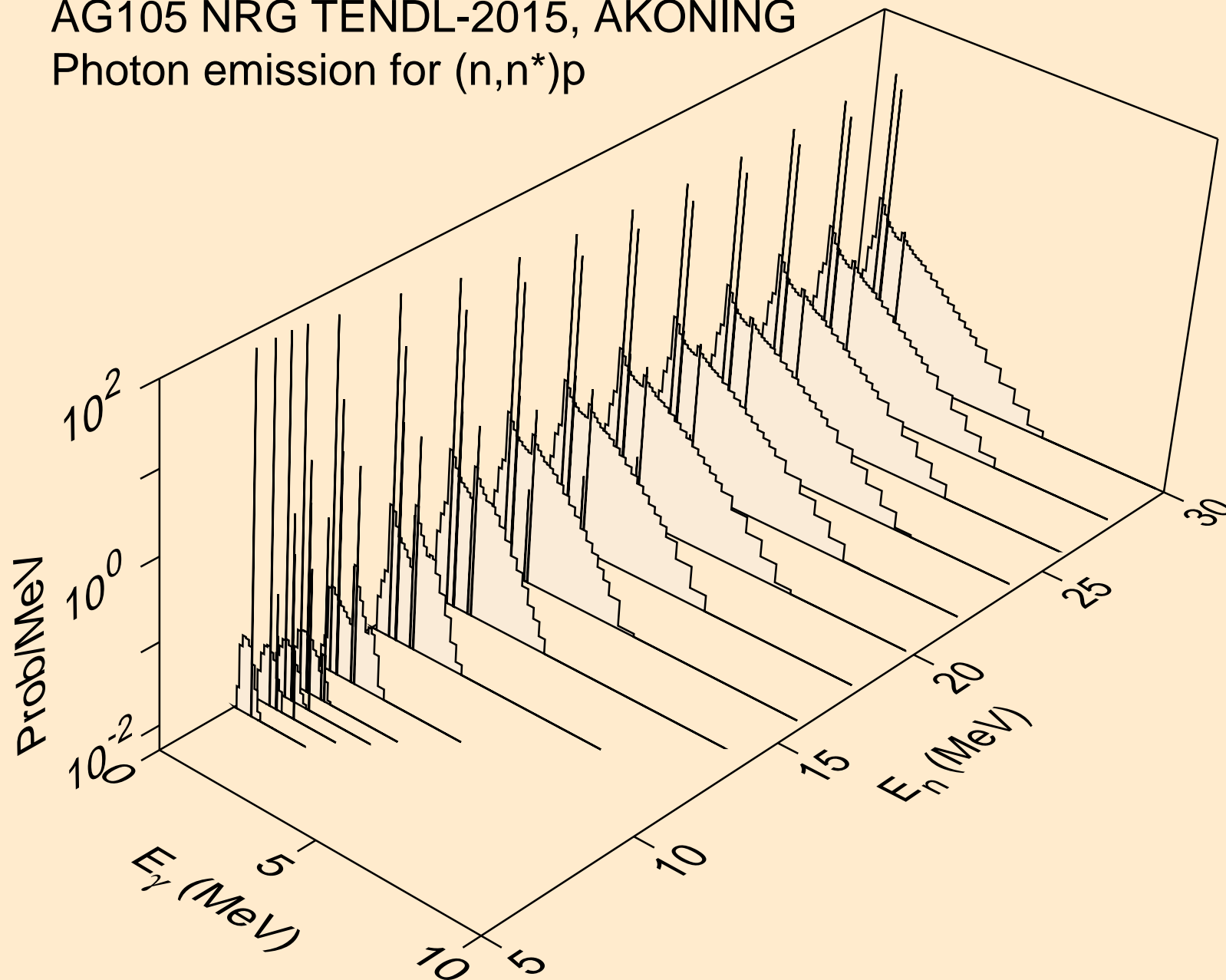


AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



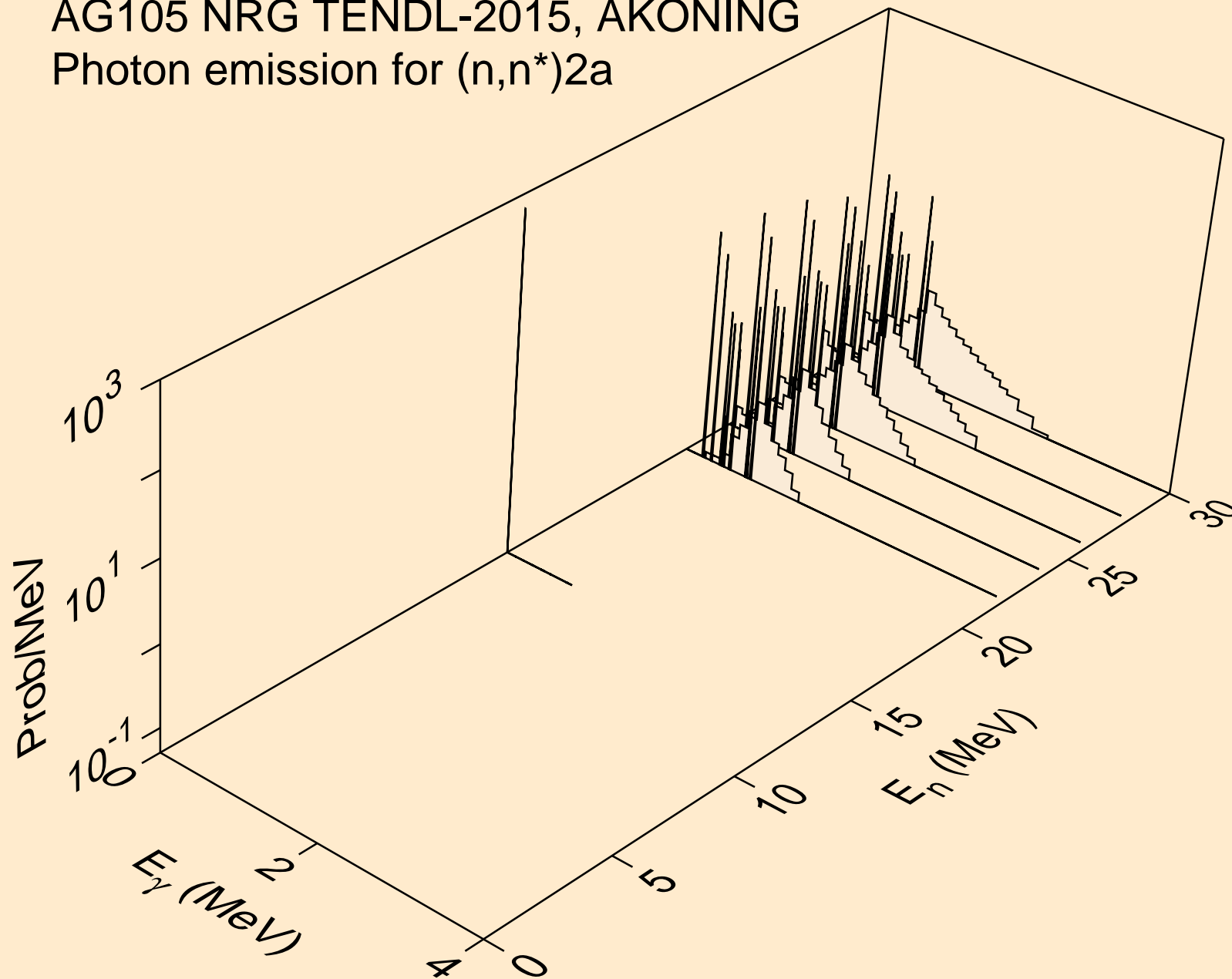
AG105 NRG TENDL-2015, AKONING

Photon emission for  $(n,n^*)p$

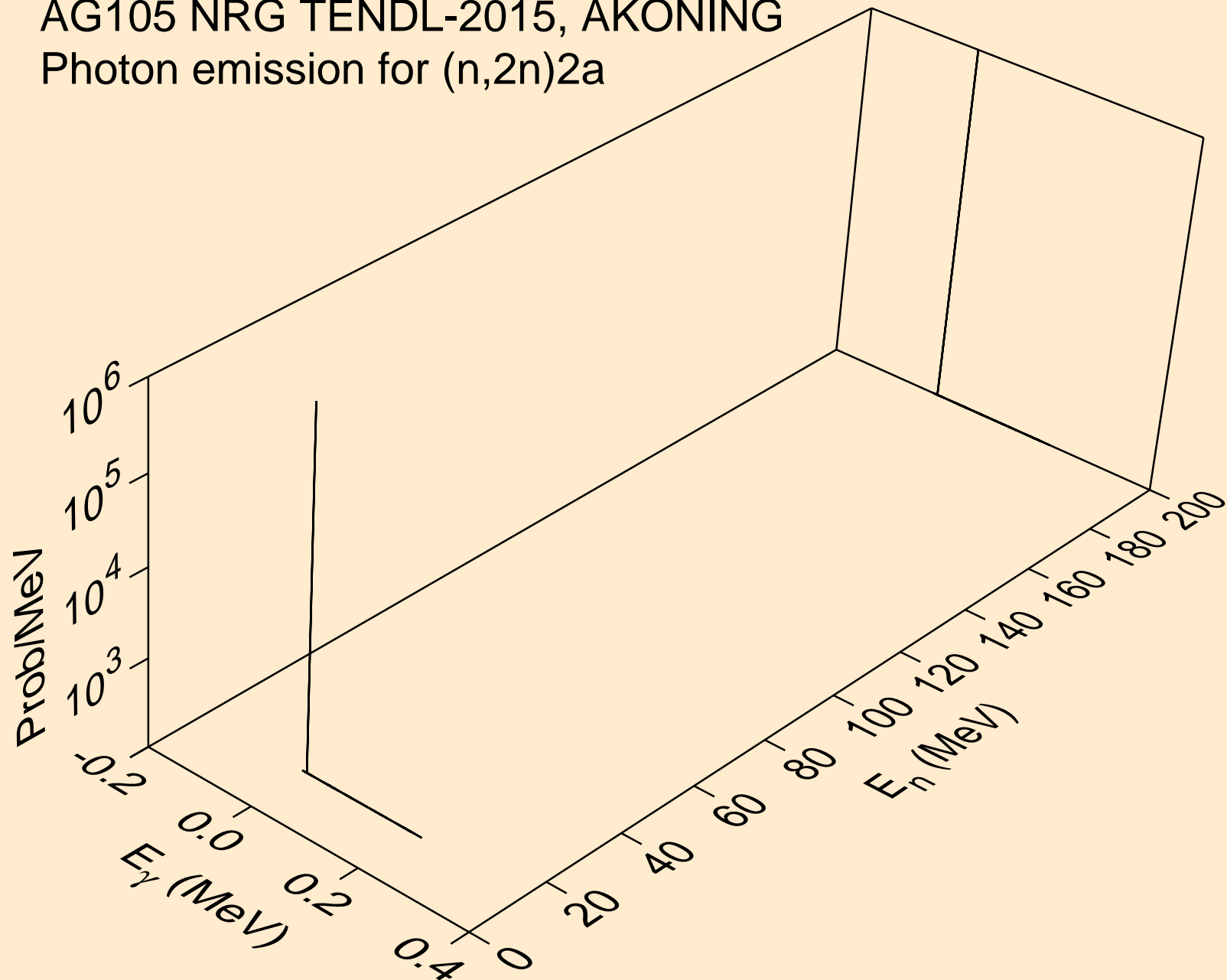




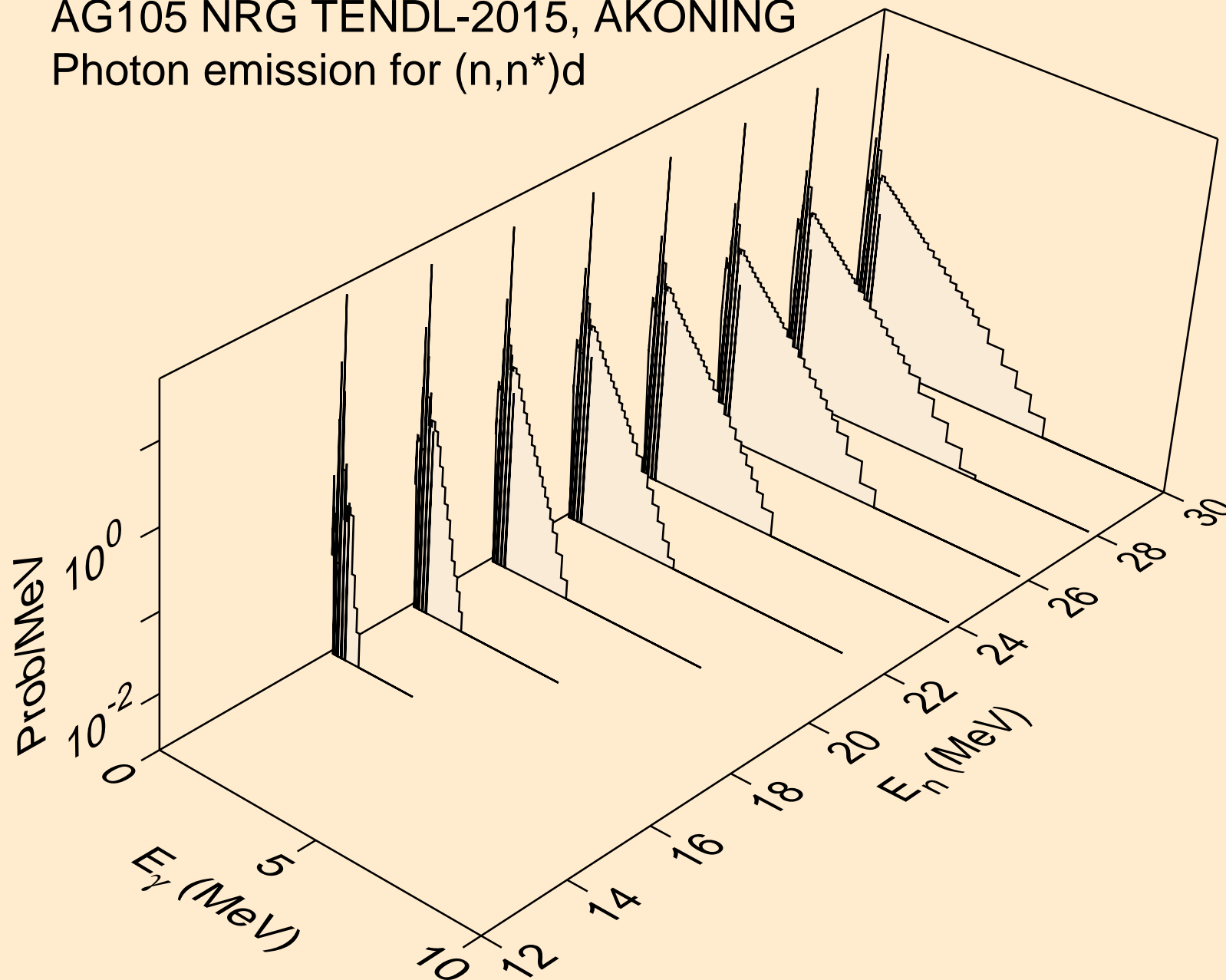
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



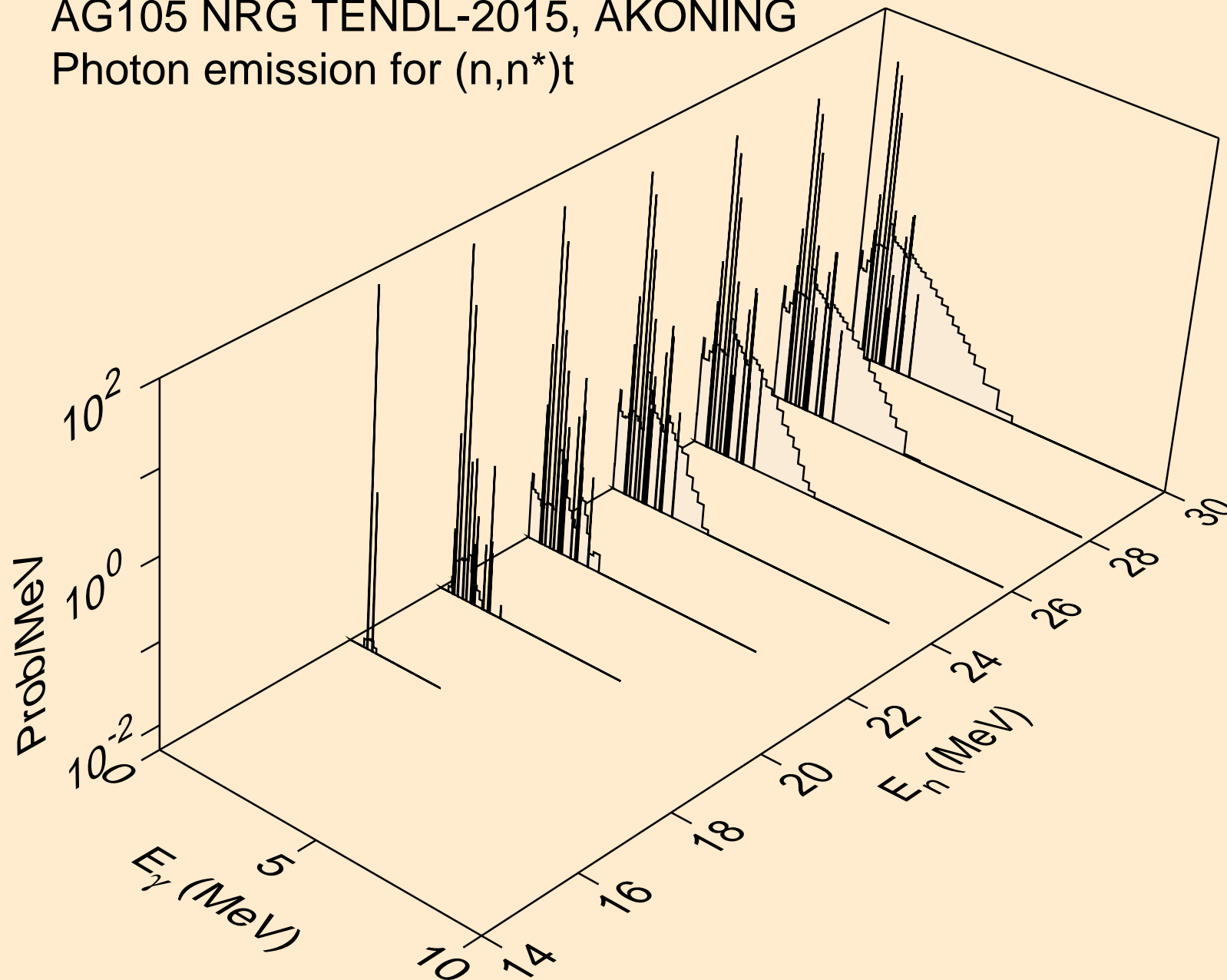
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



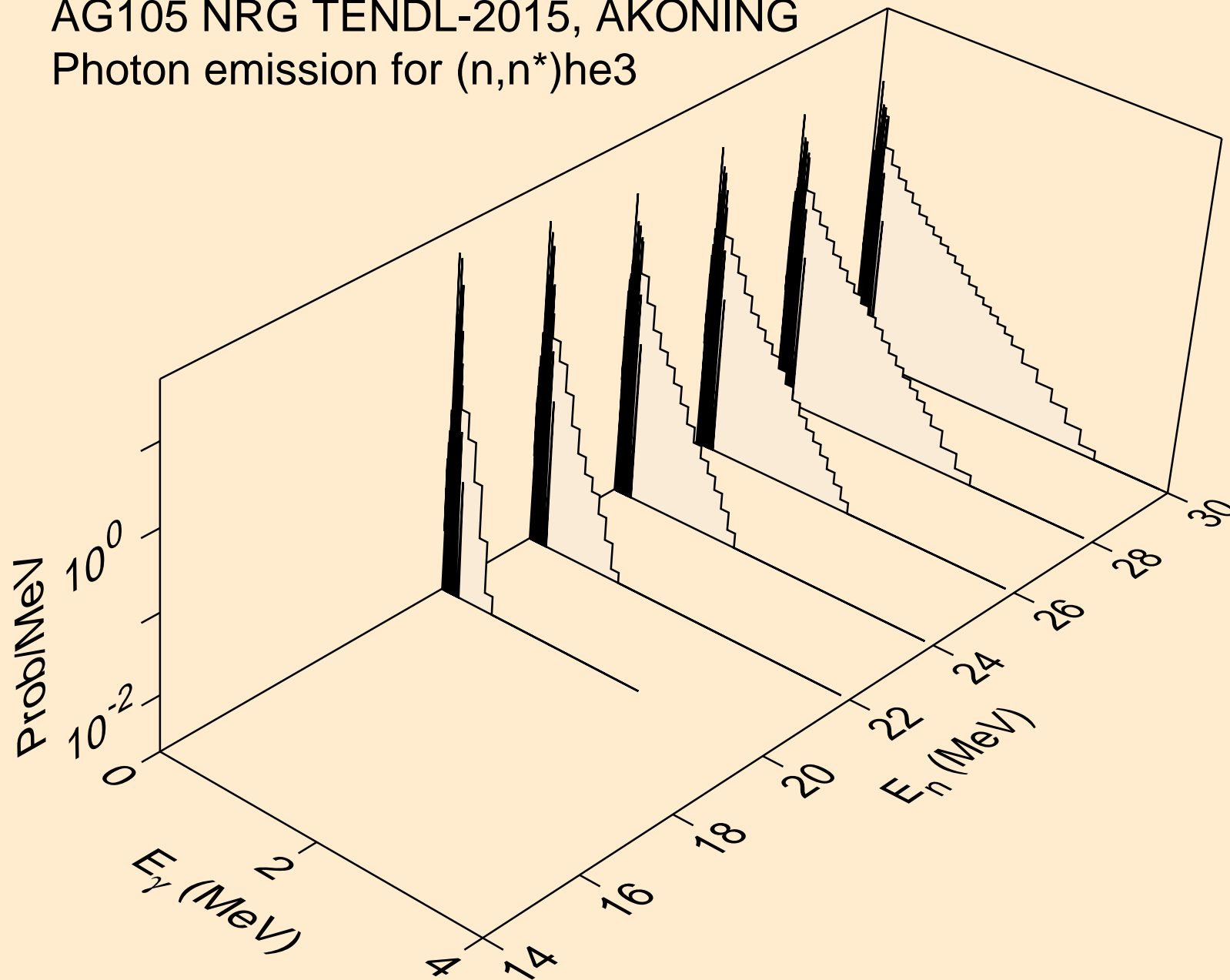
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



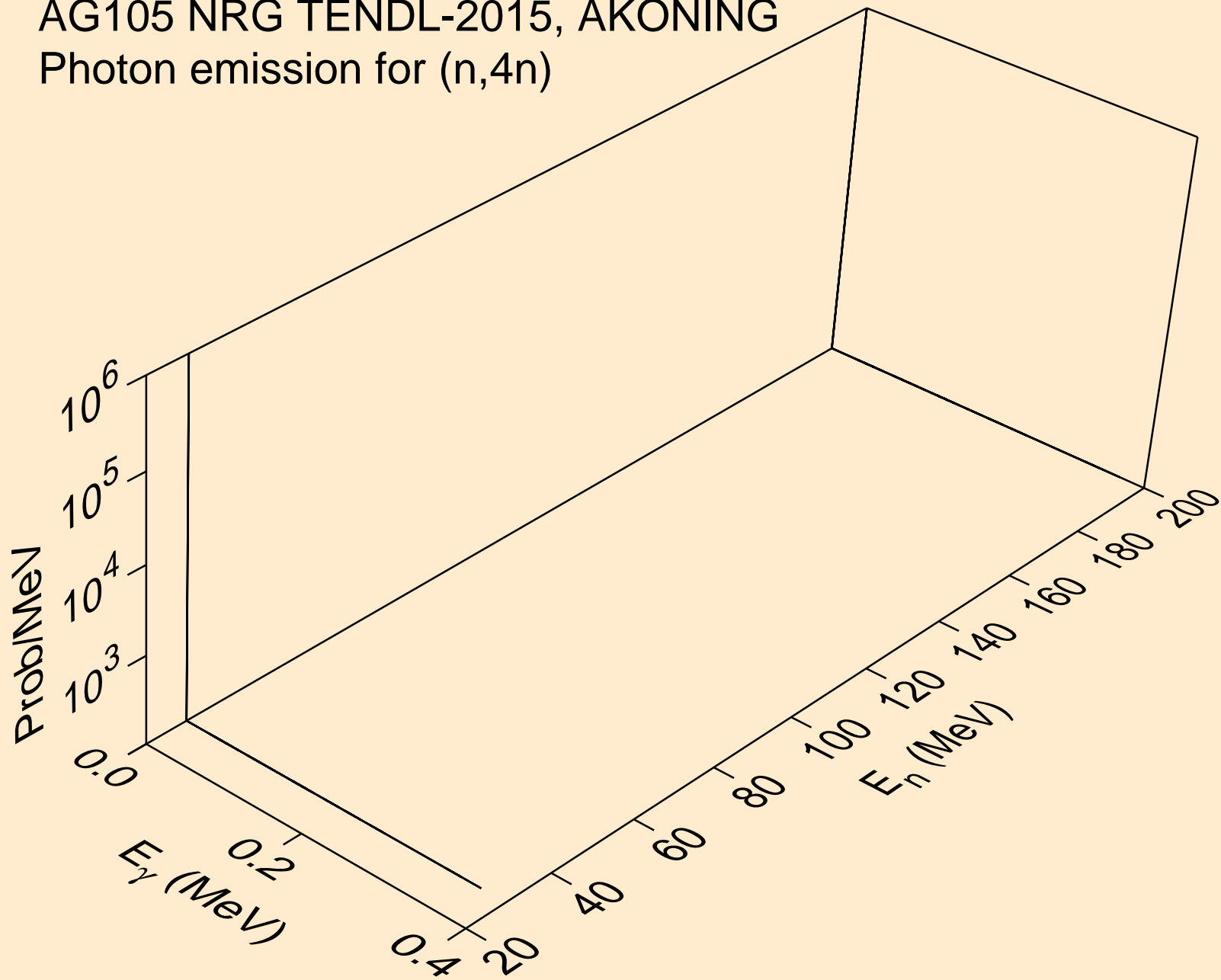
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



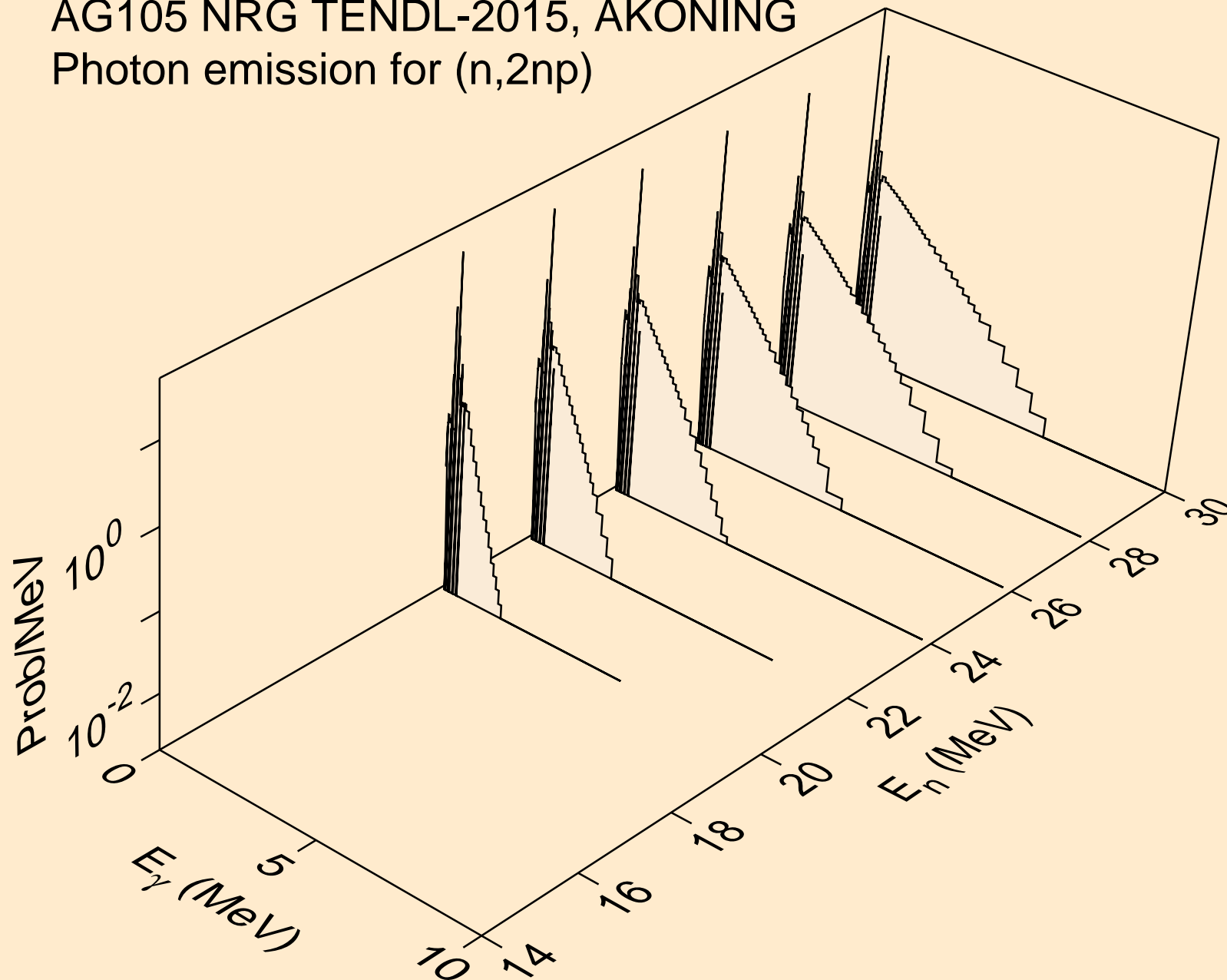
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



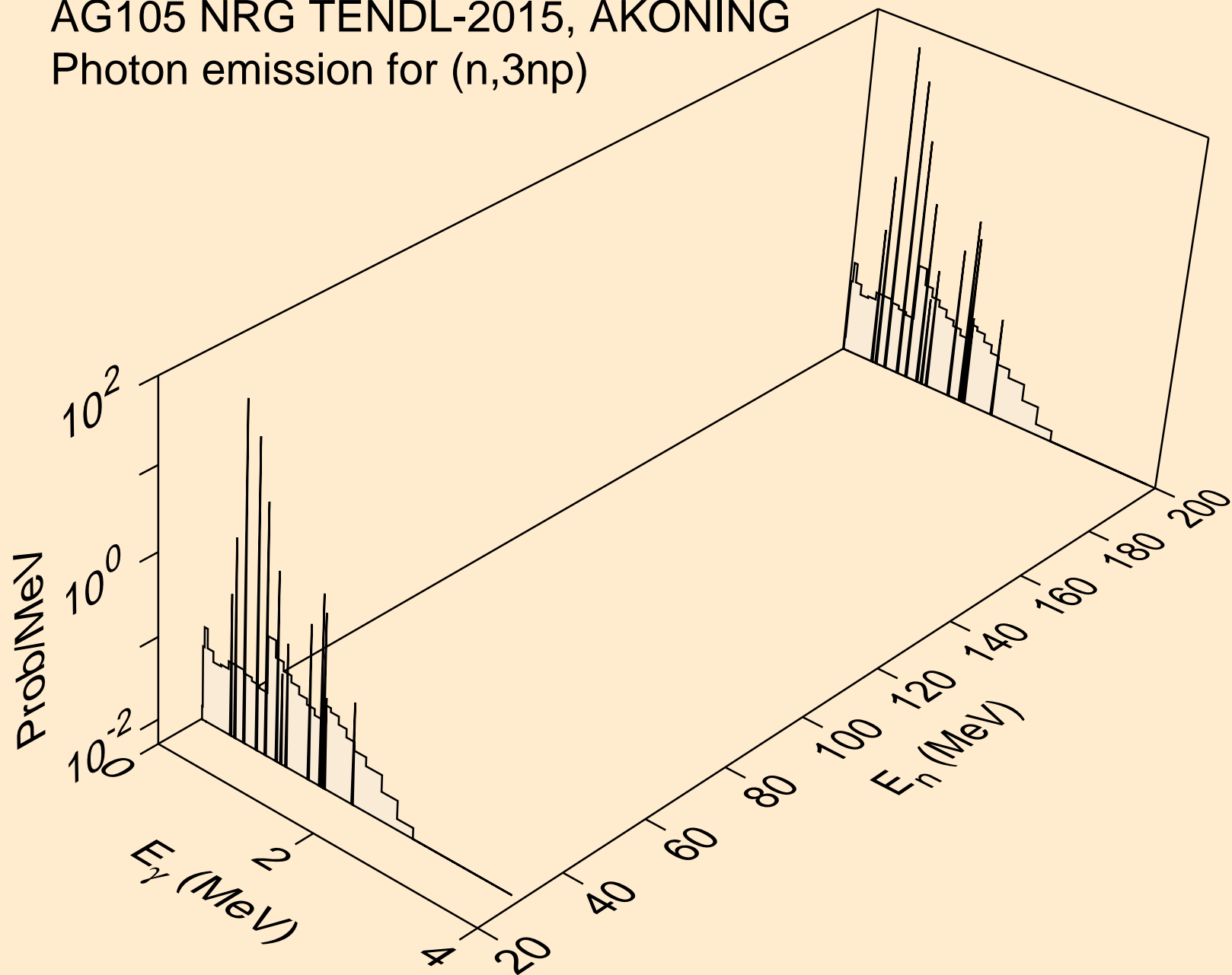
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

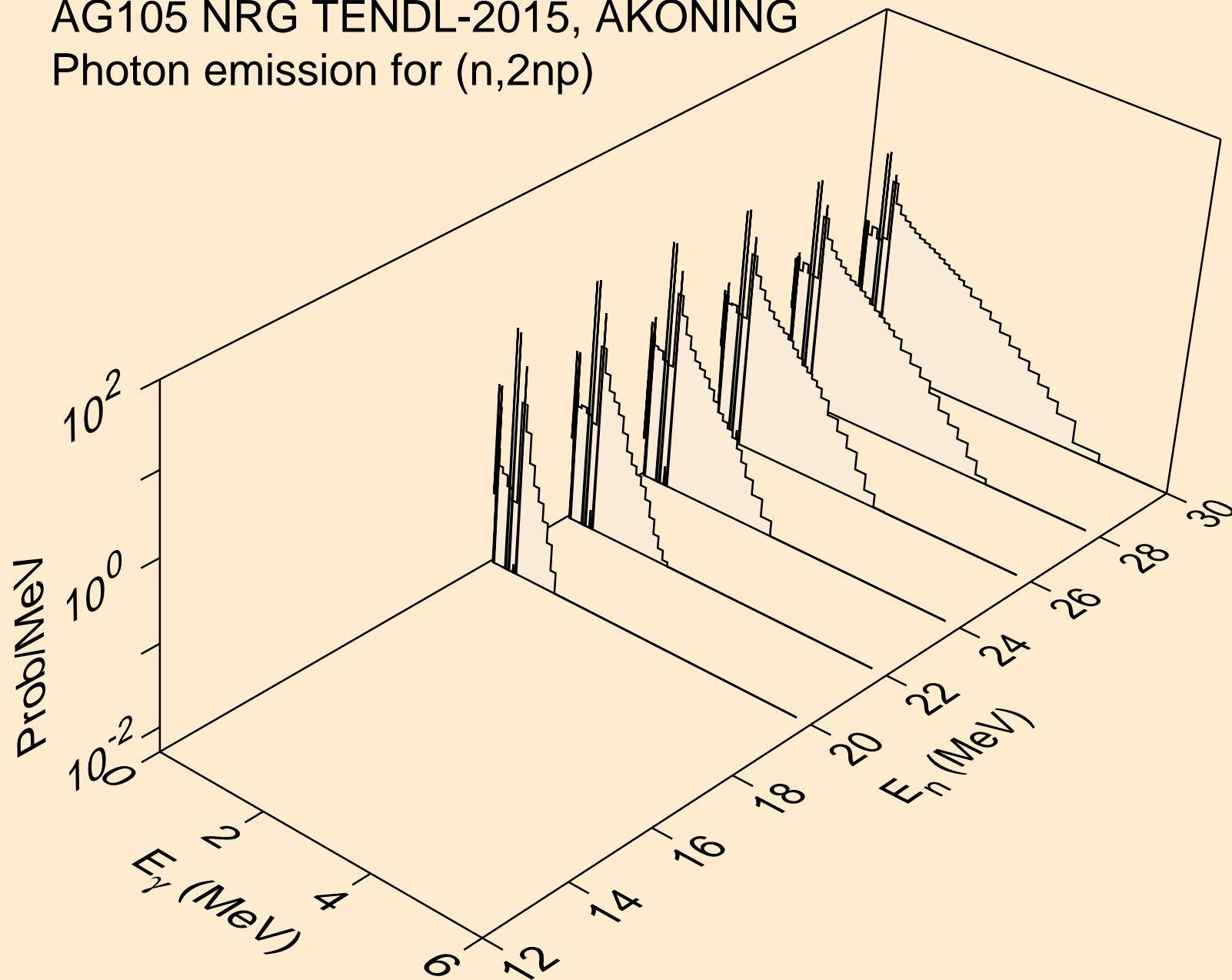


AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

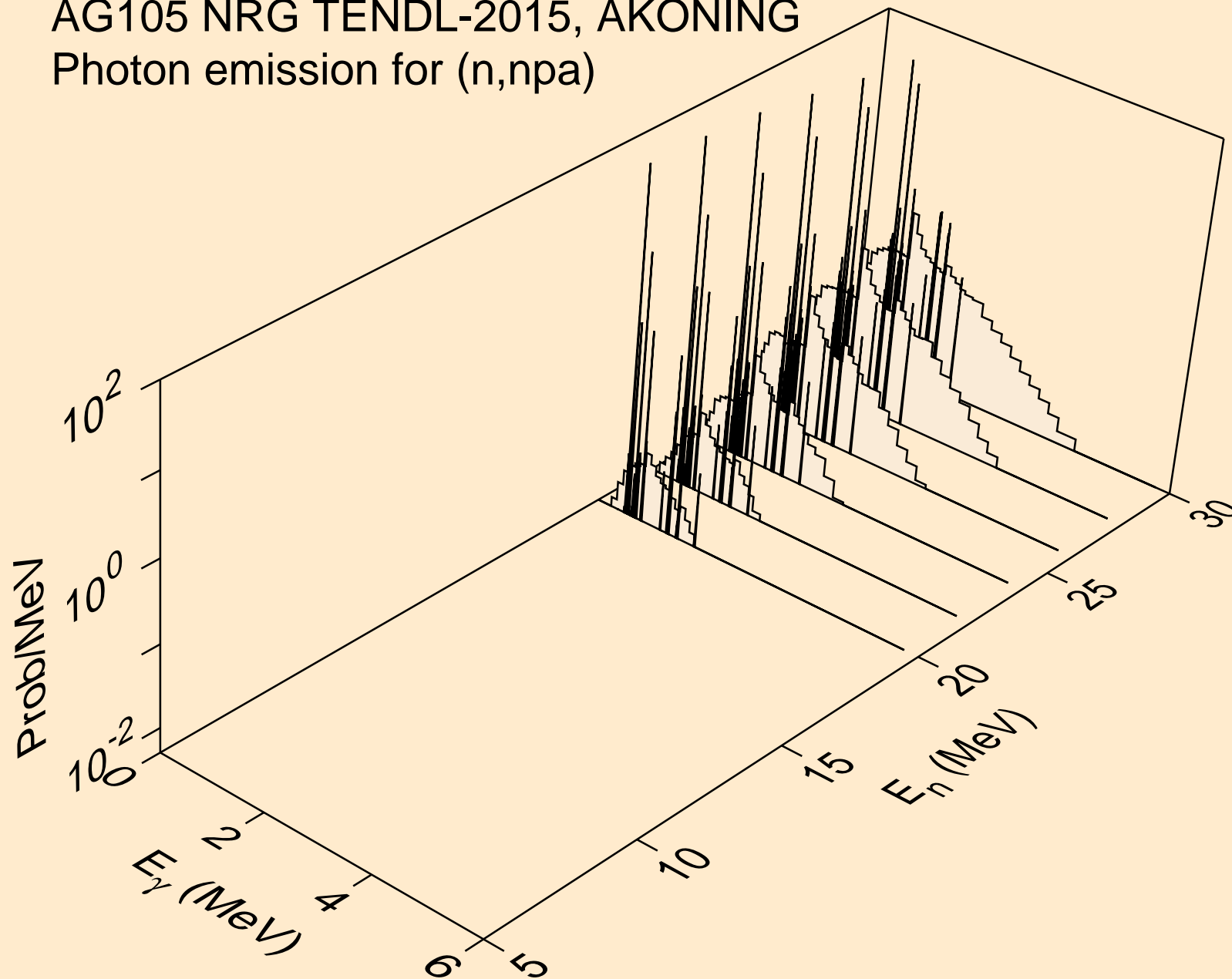




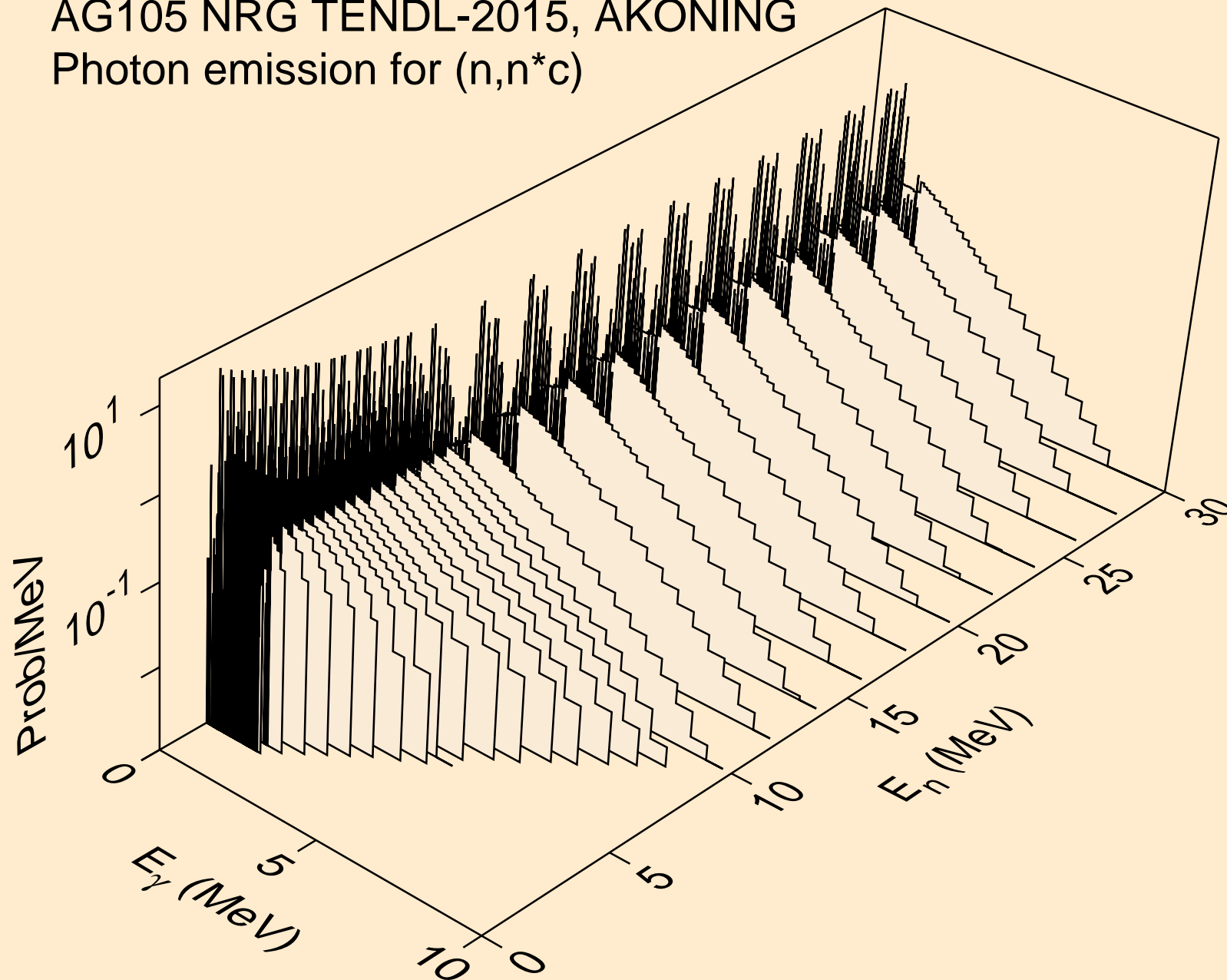
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



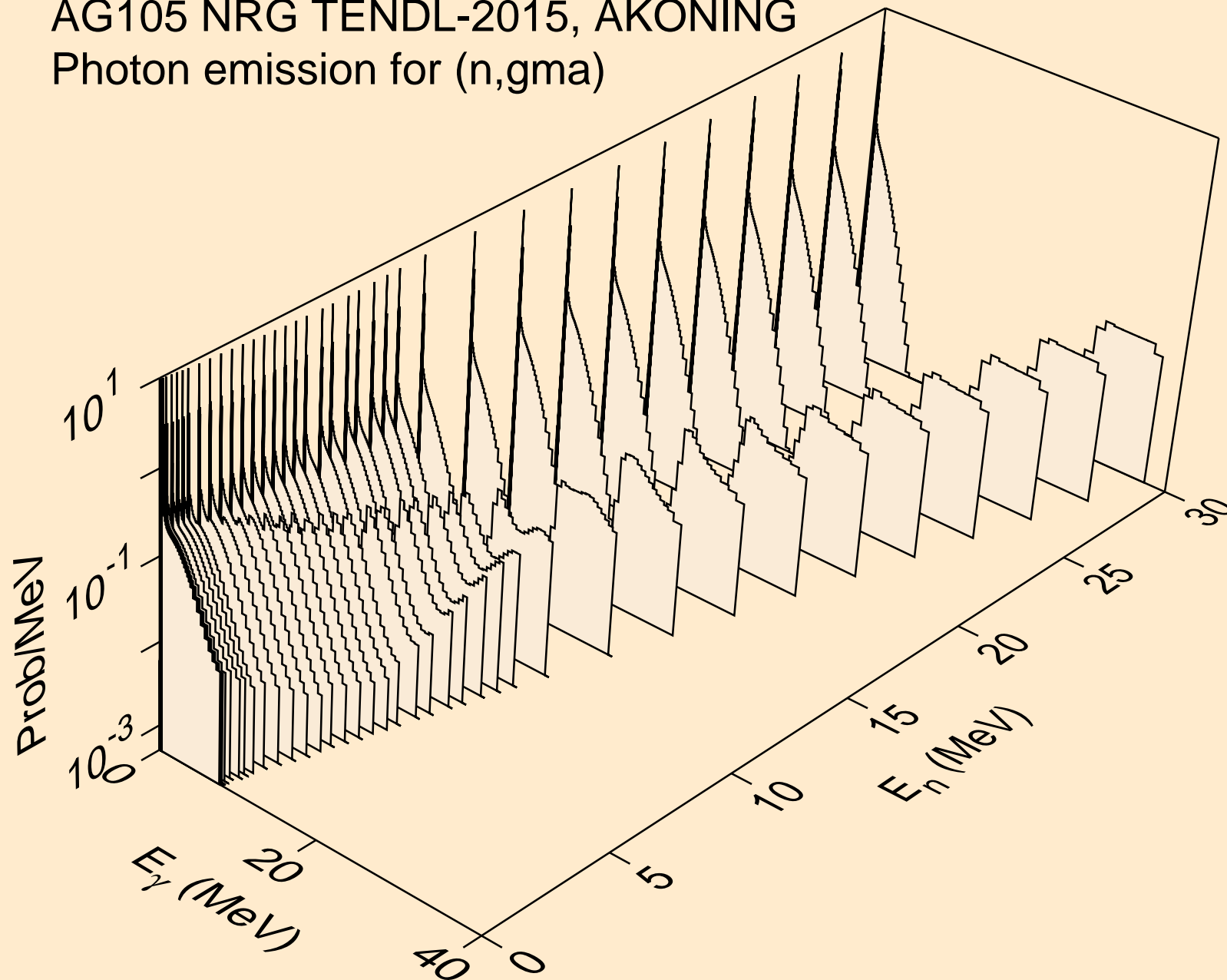
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



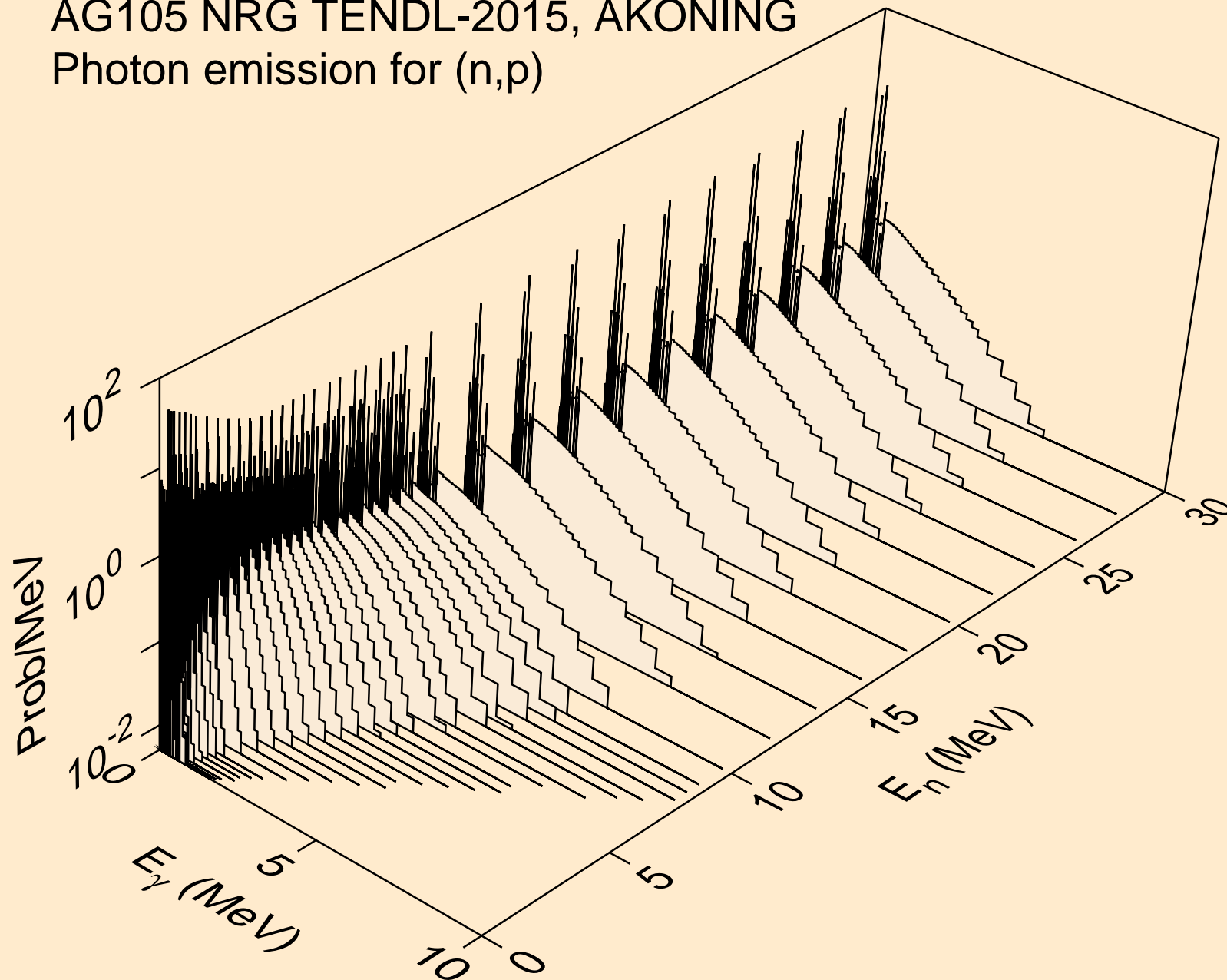
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



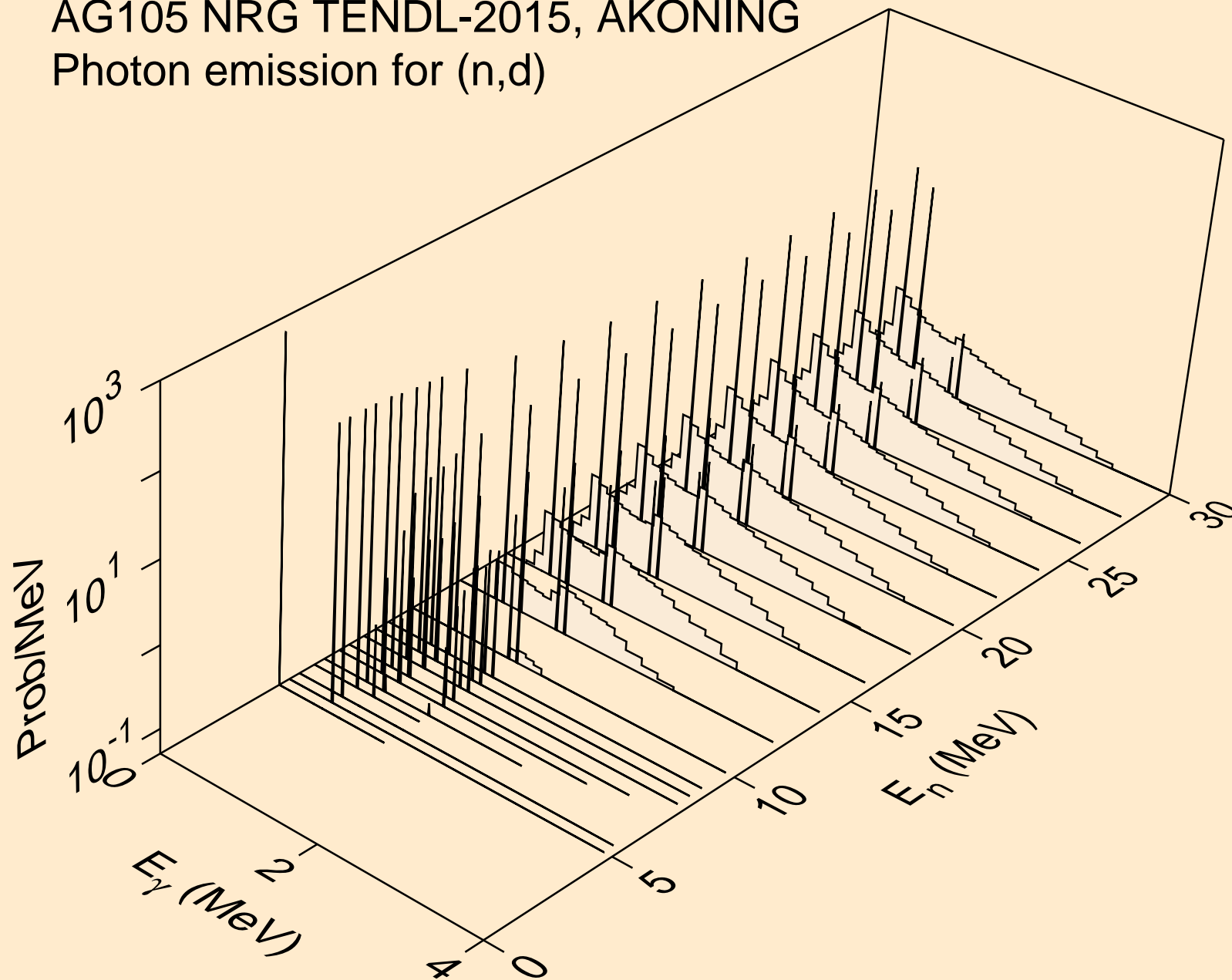
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Photon emission for (n,gma)



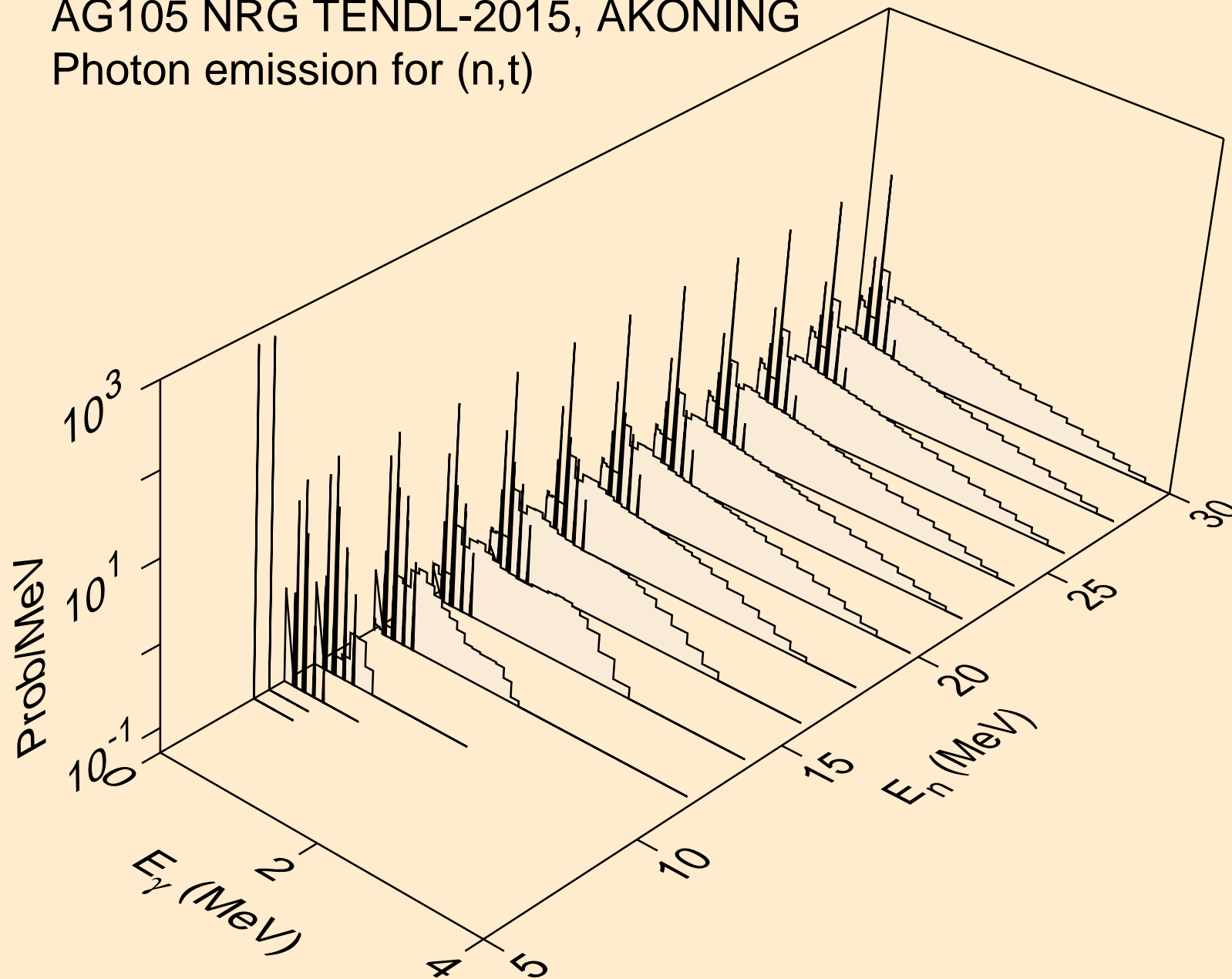
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



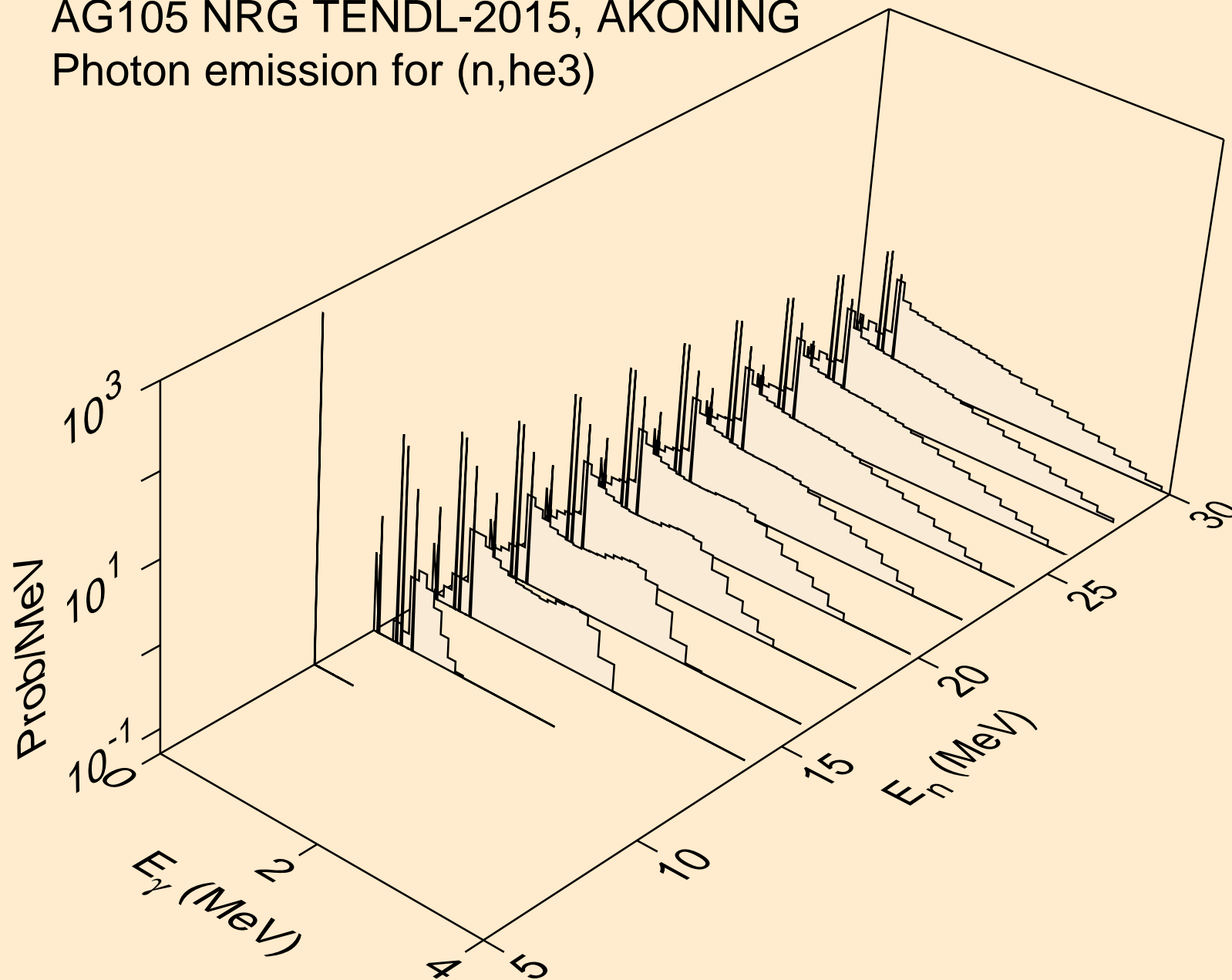
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

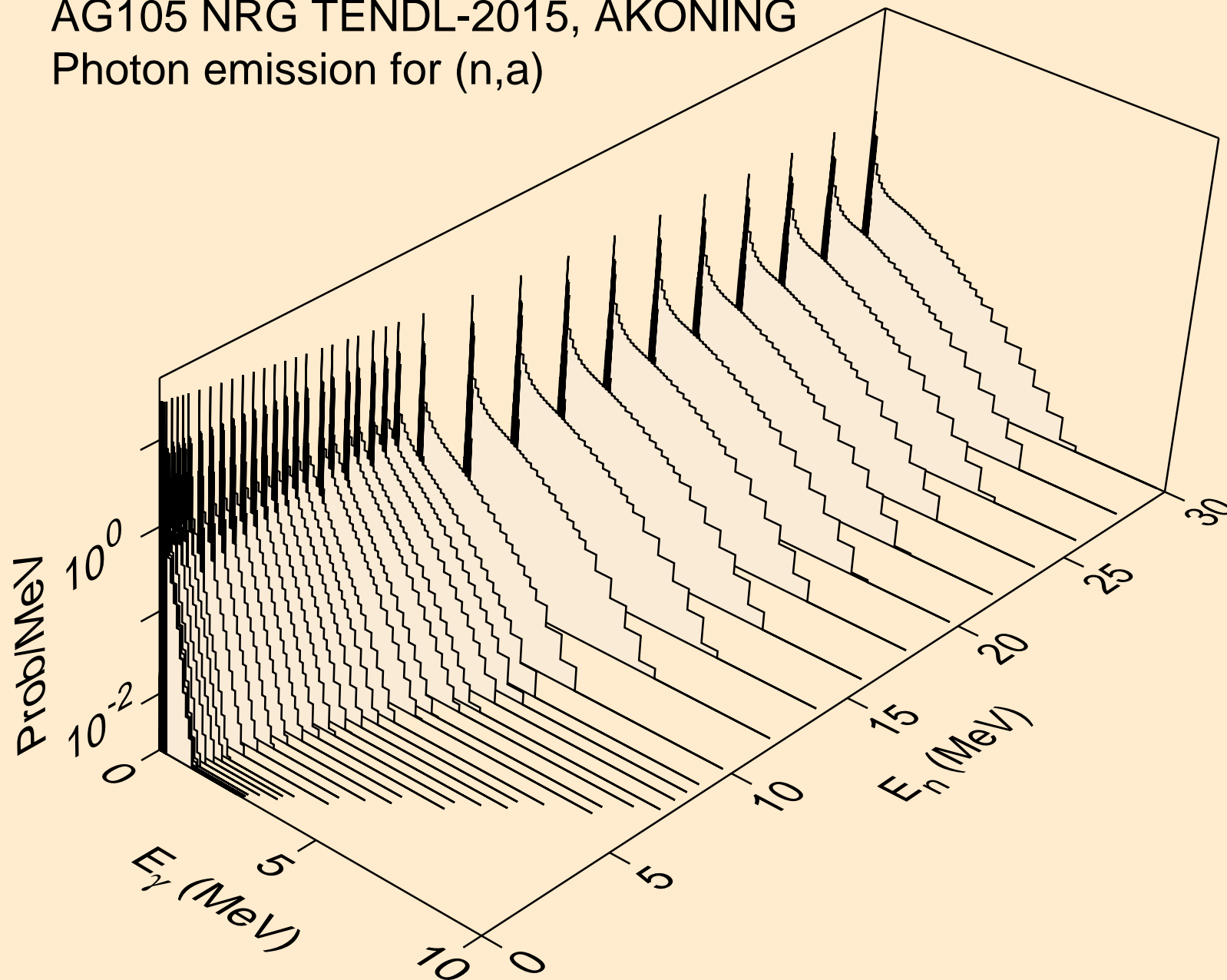


AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

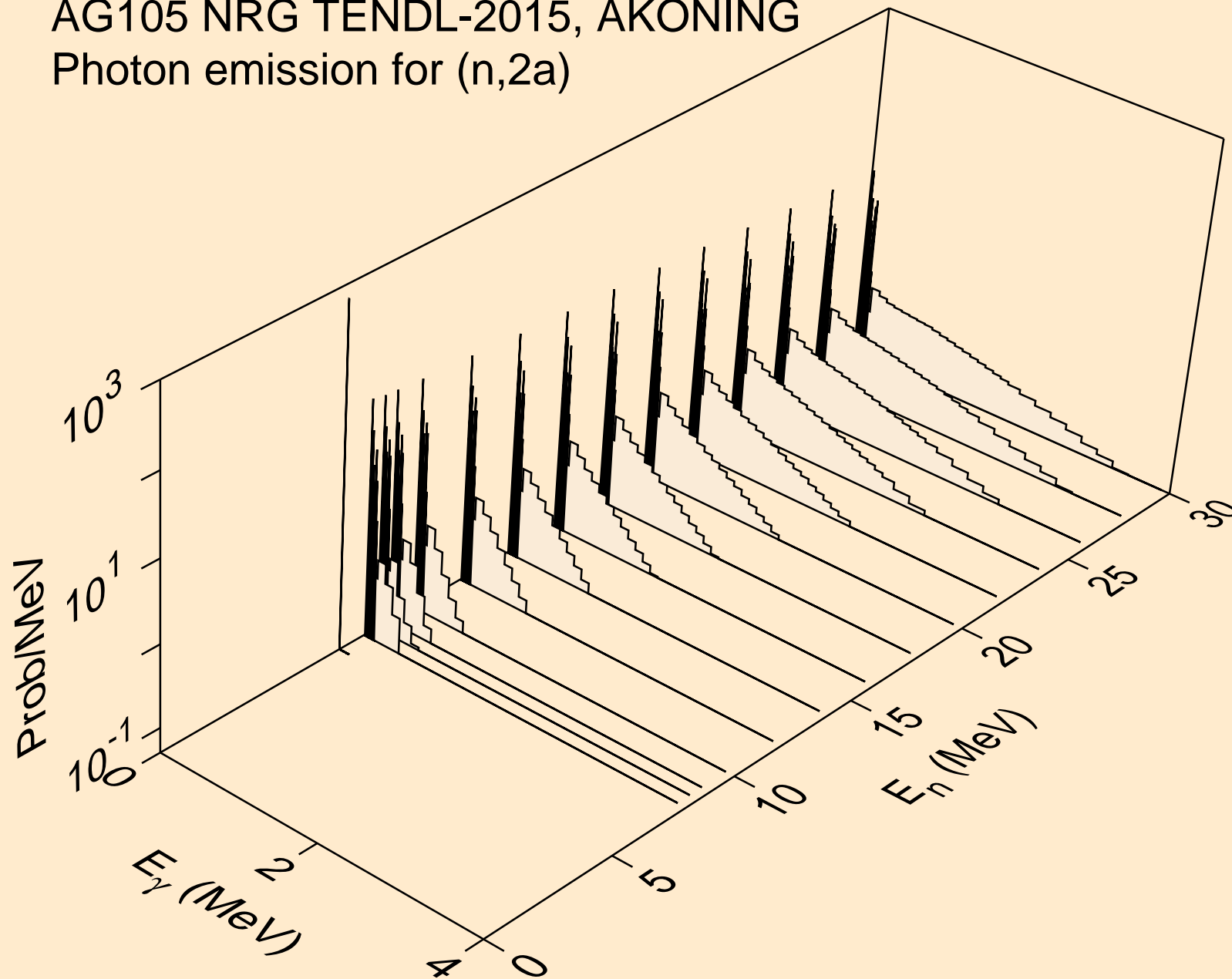




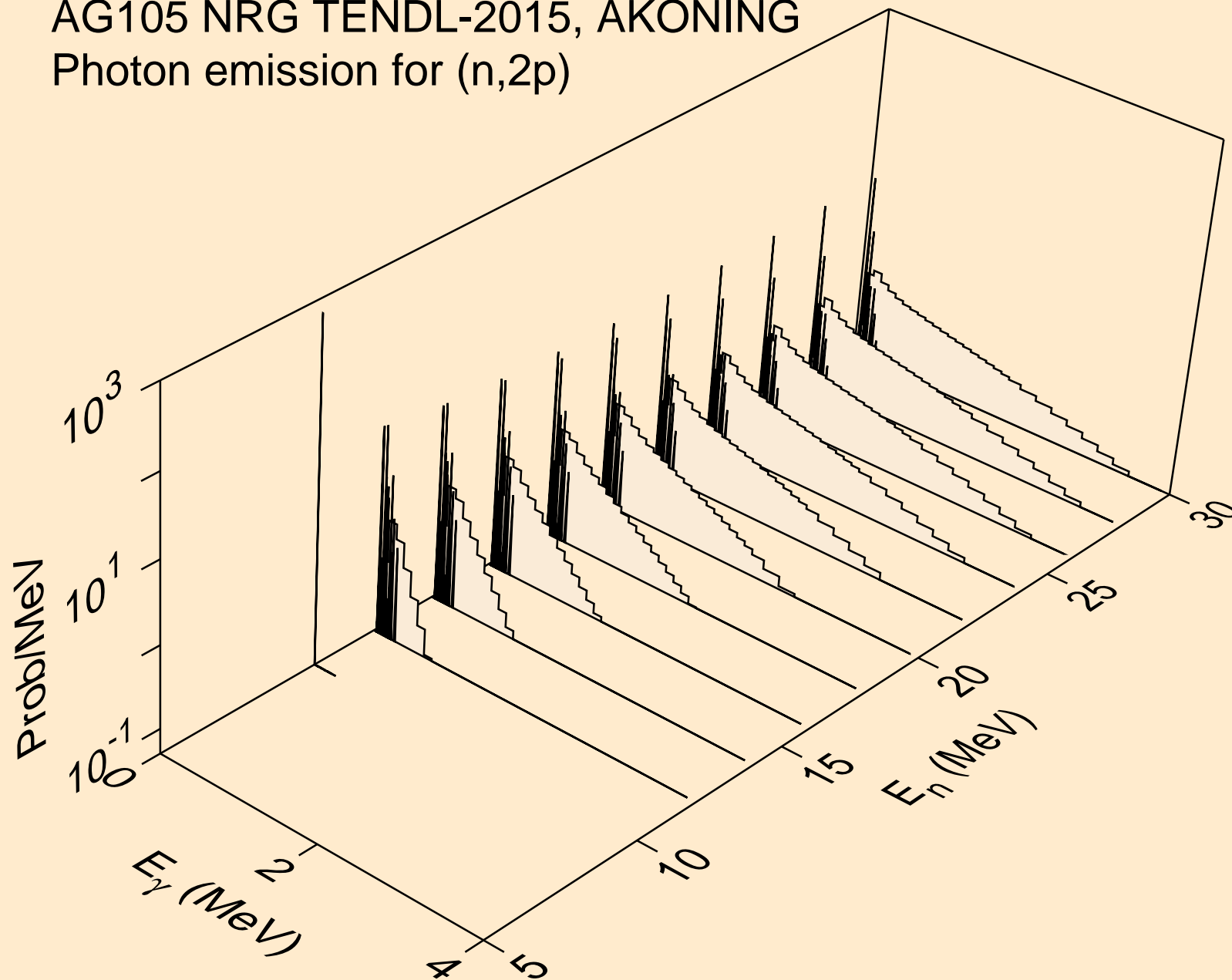
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



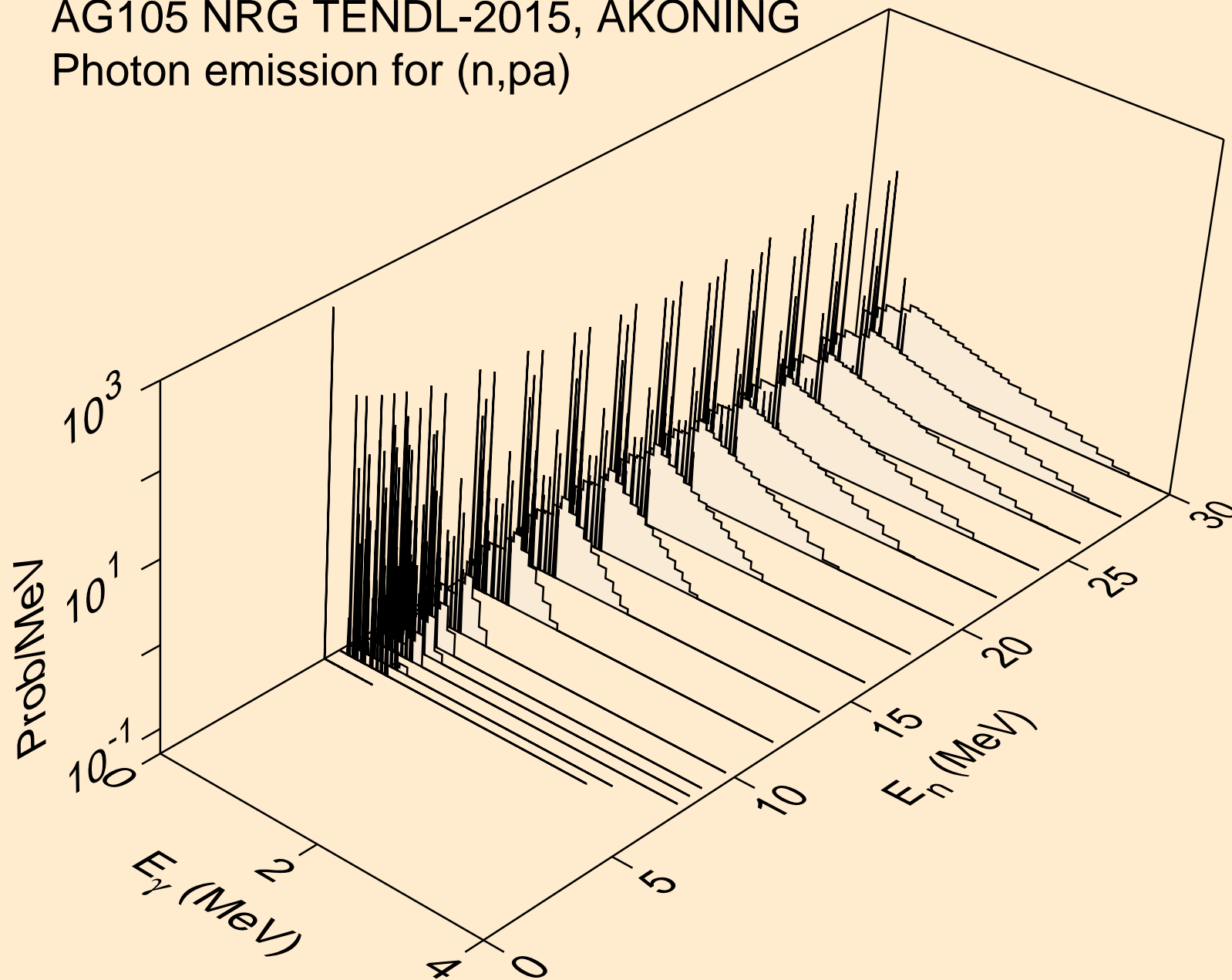
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Photon emission for (n,2a)



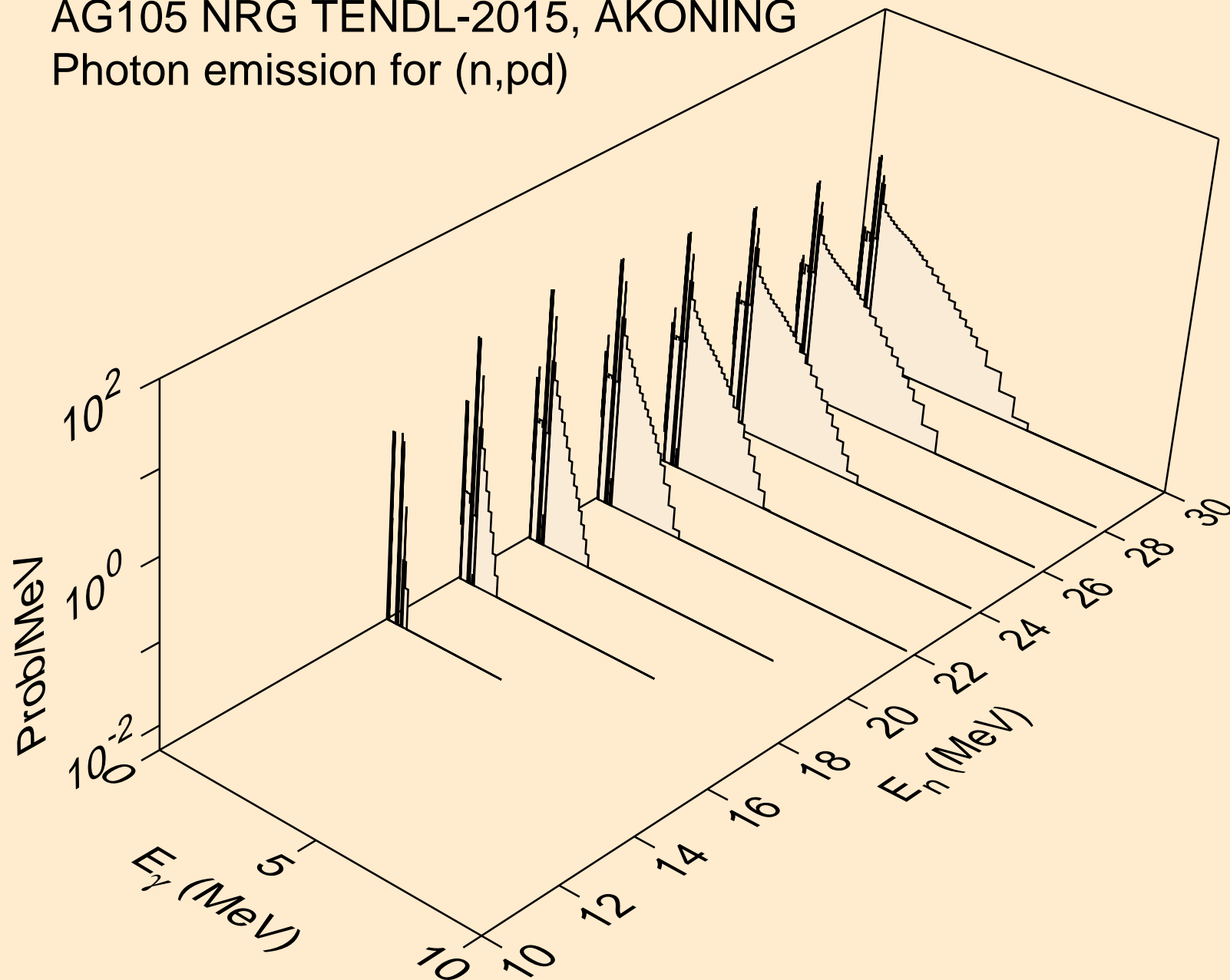
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



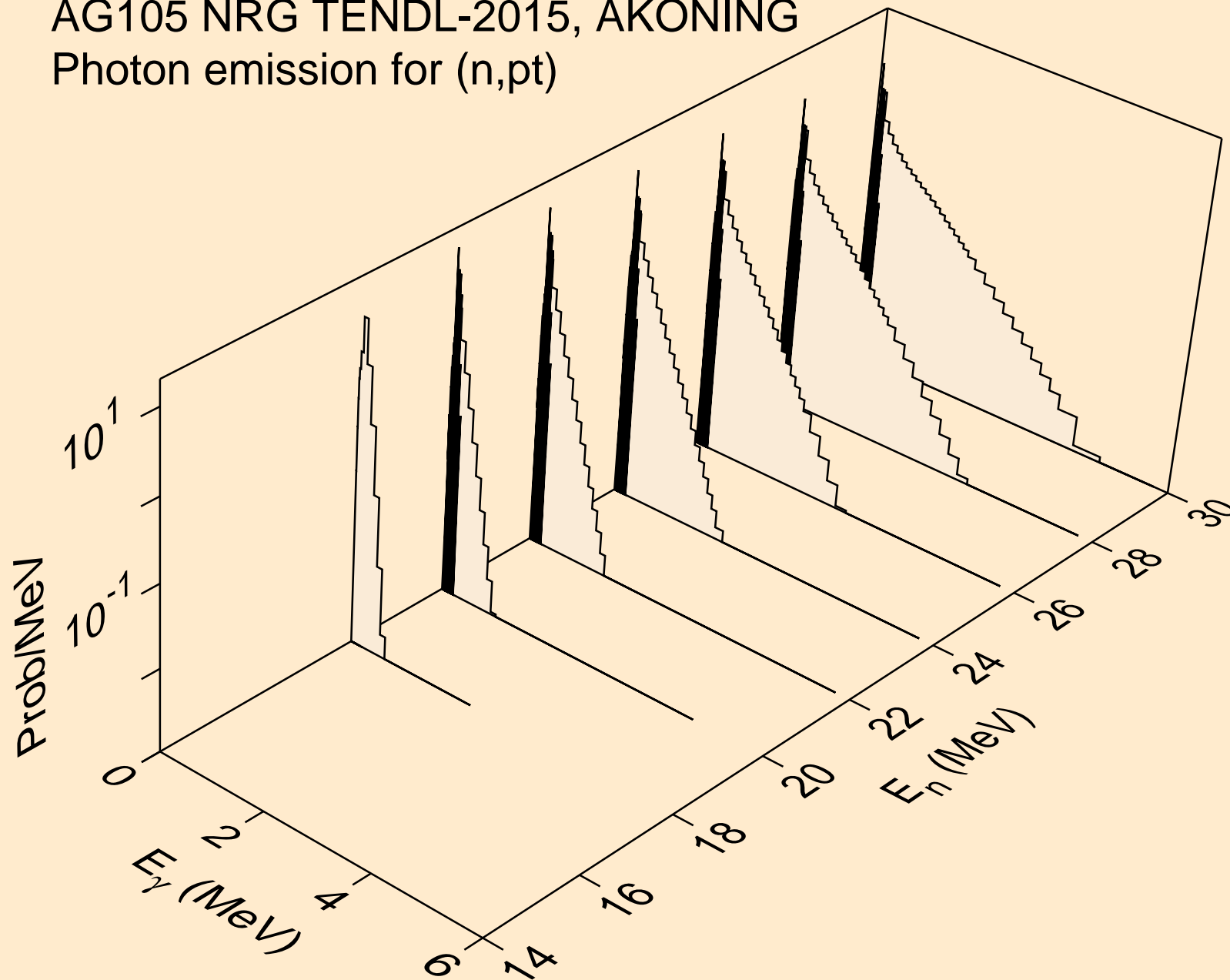
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



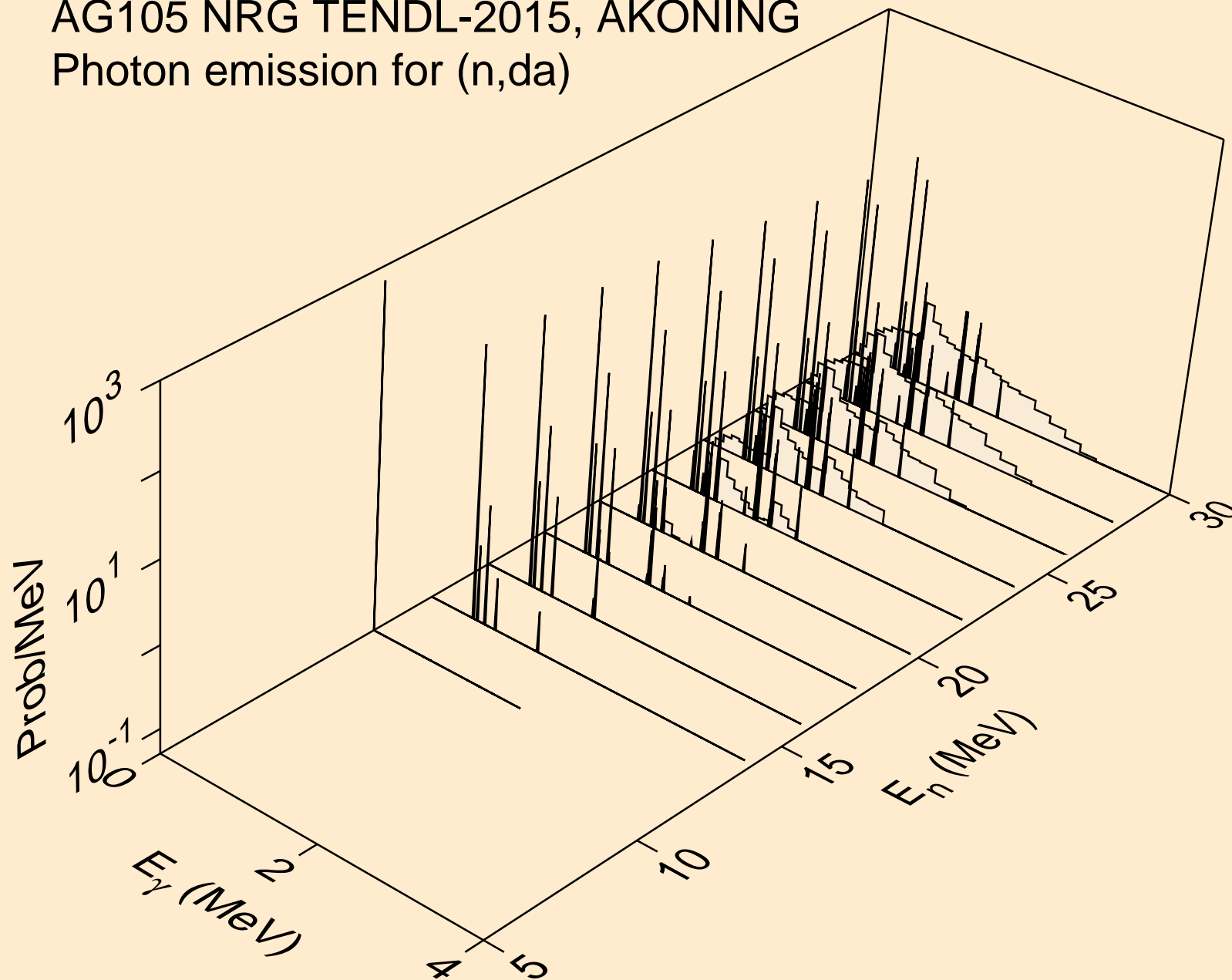
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



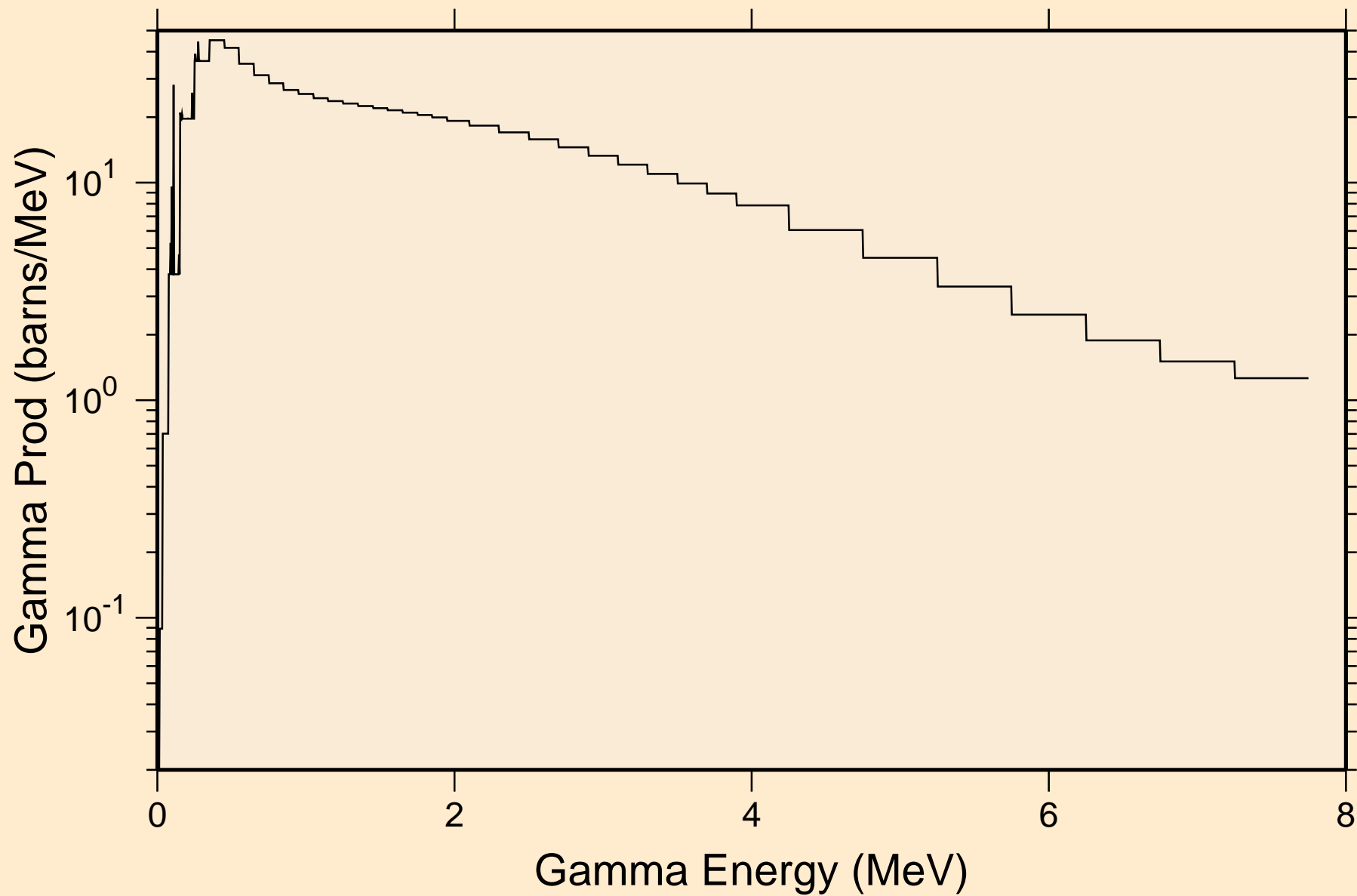
AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



AG105 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



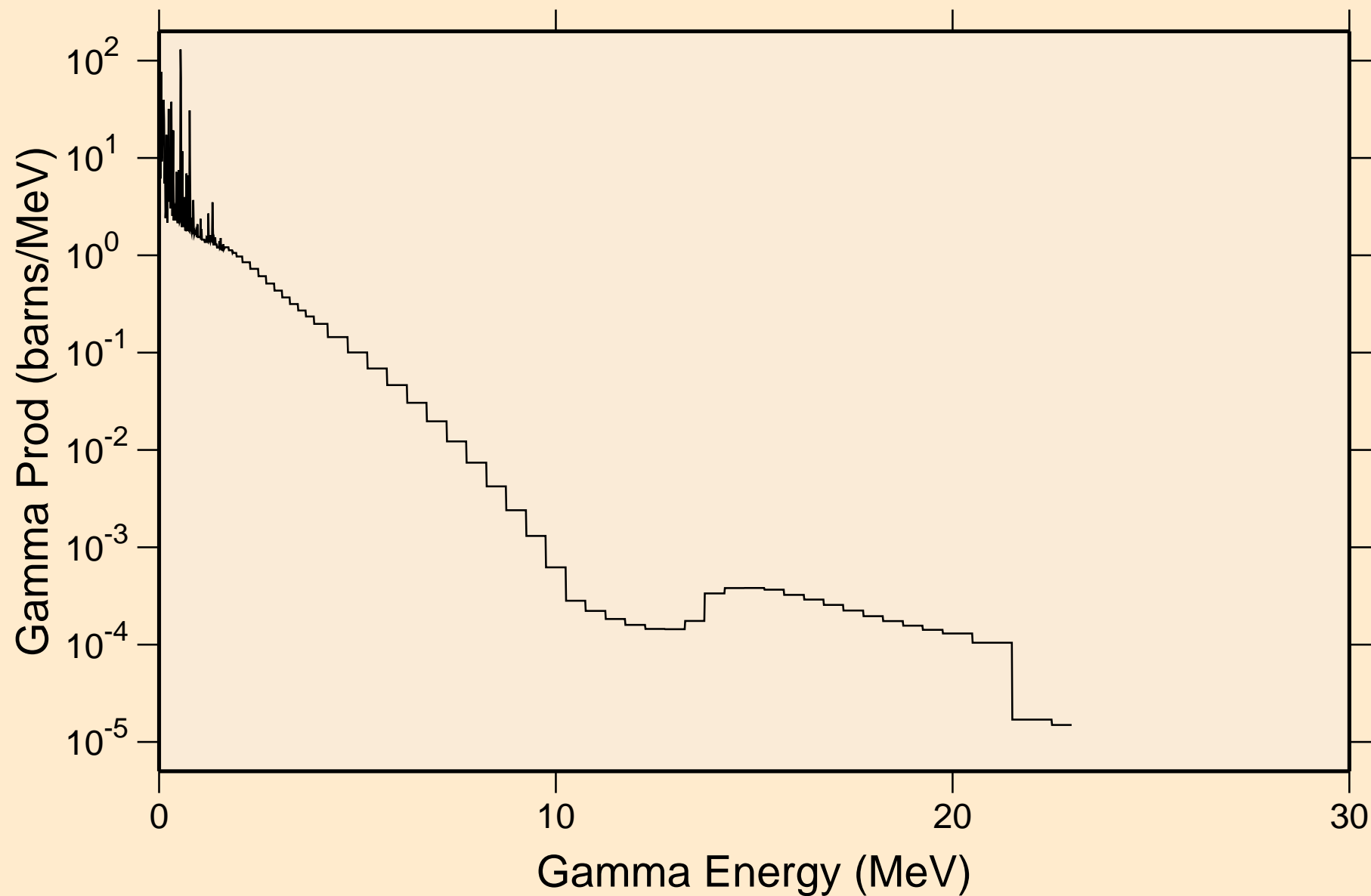
AG105 NRG TENDL-2015, AKONING  
thermal capture photon spectrum





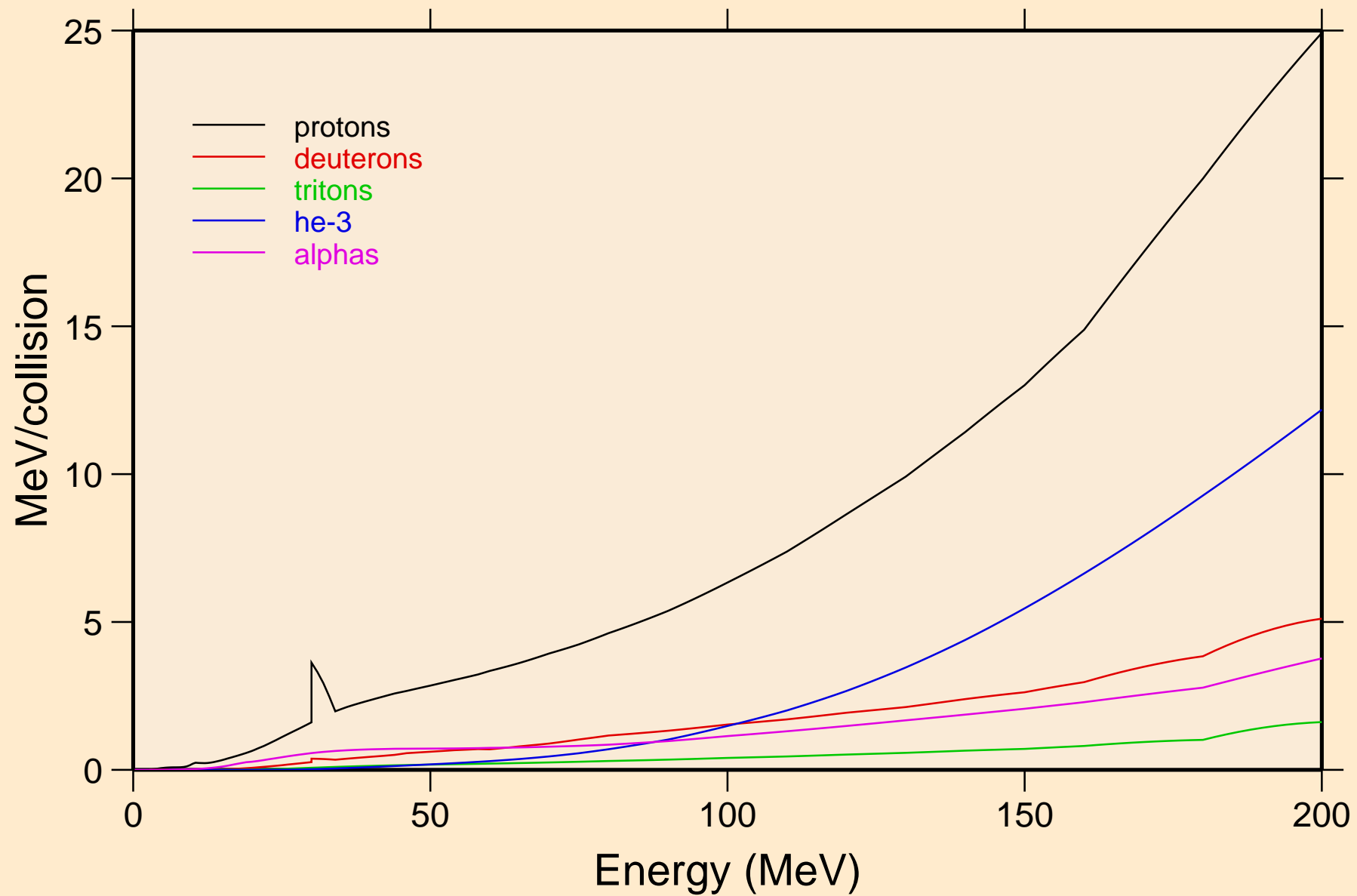
AG105 NRG TENDL-2015, AKONING

14 MeV photon spectrum



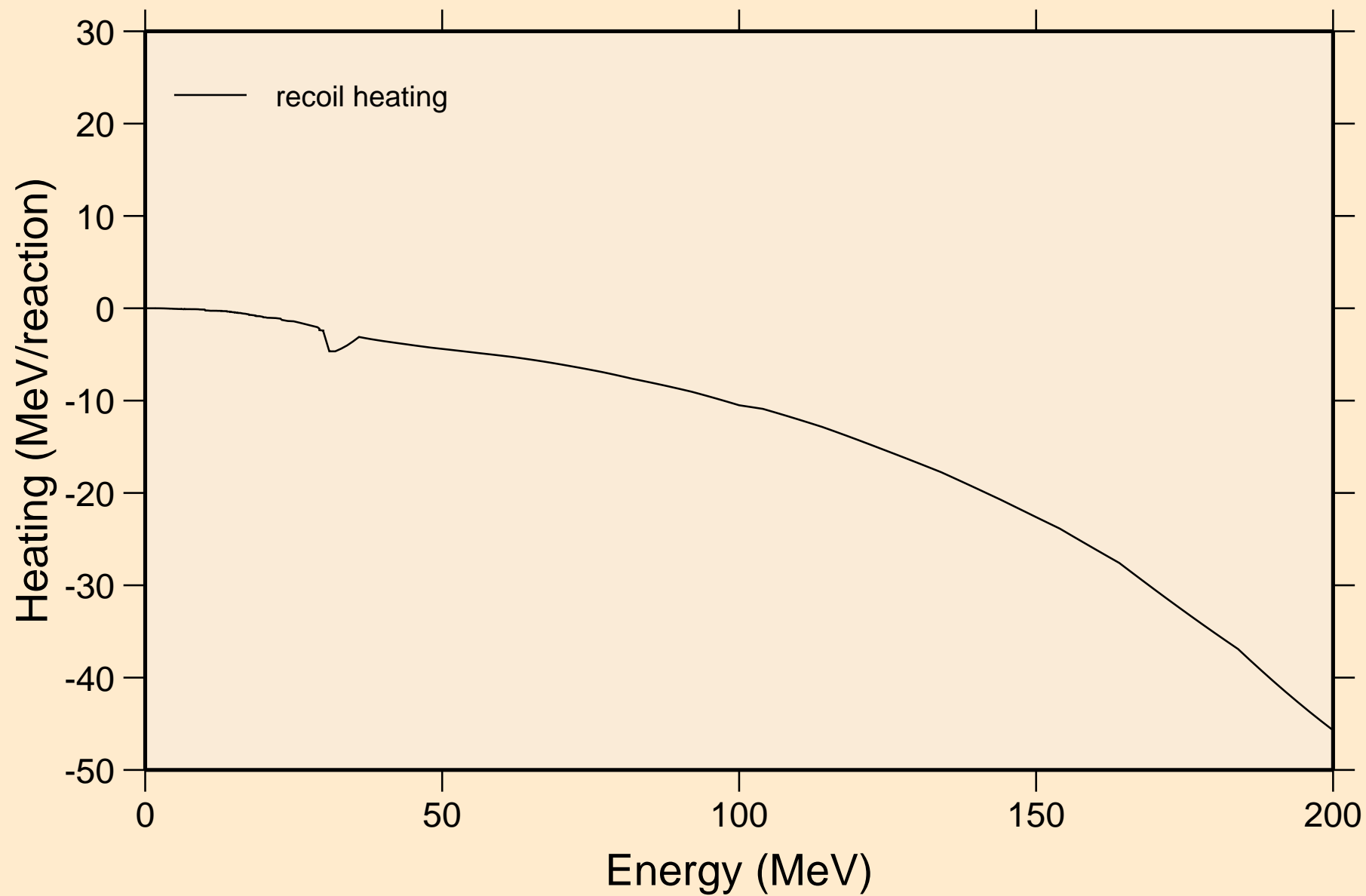
# AG105 NRG TENDL-2015, AKONING

## Particle heating contributions



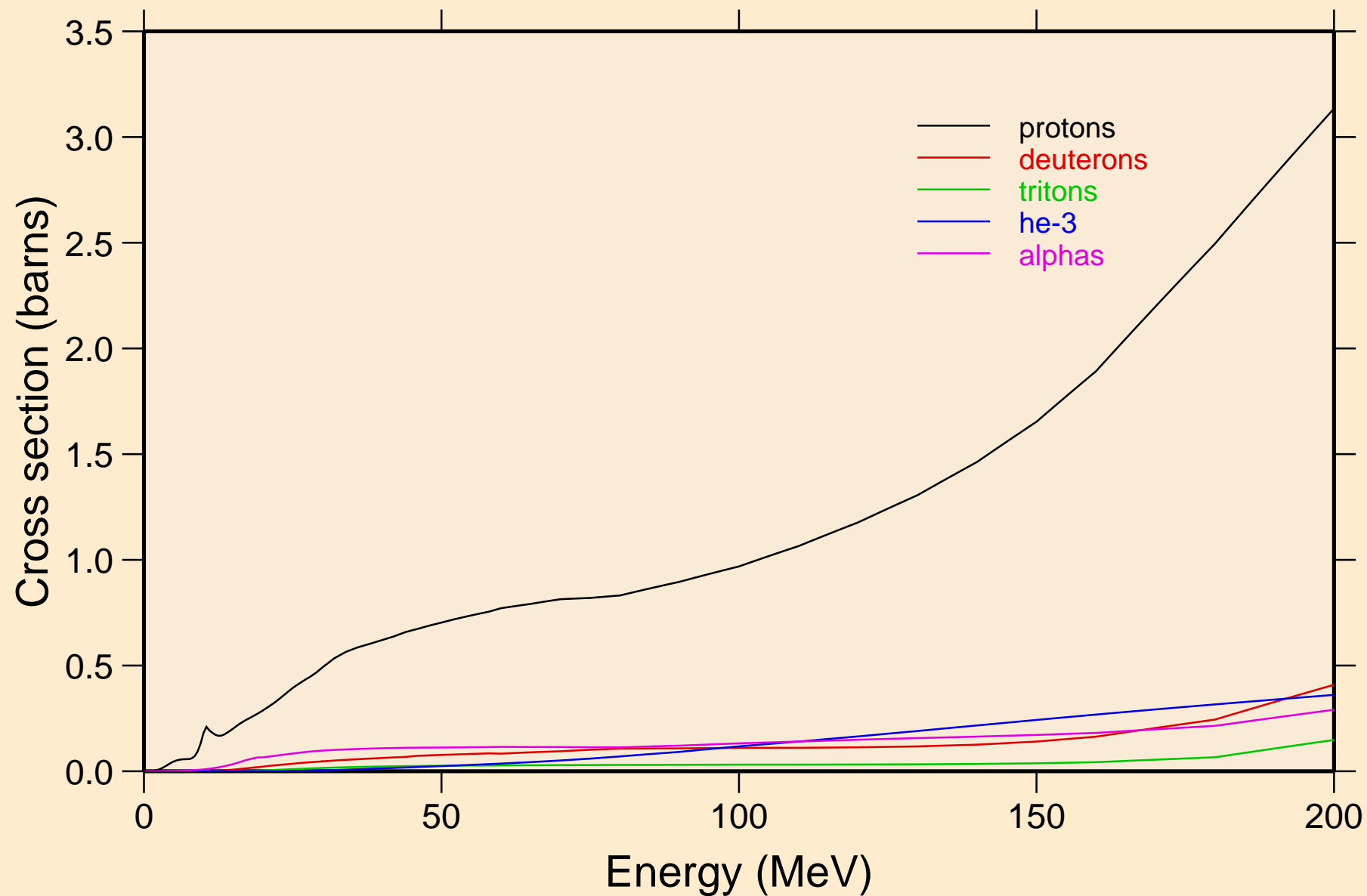
# AG105 NRG TENDL-2015, AKONING

## Recoil Heating

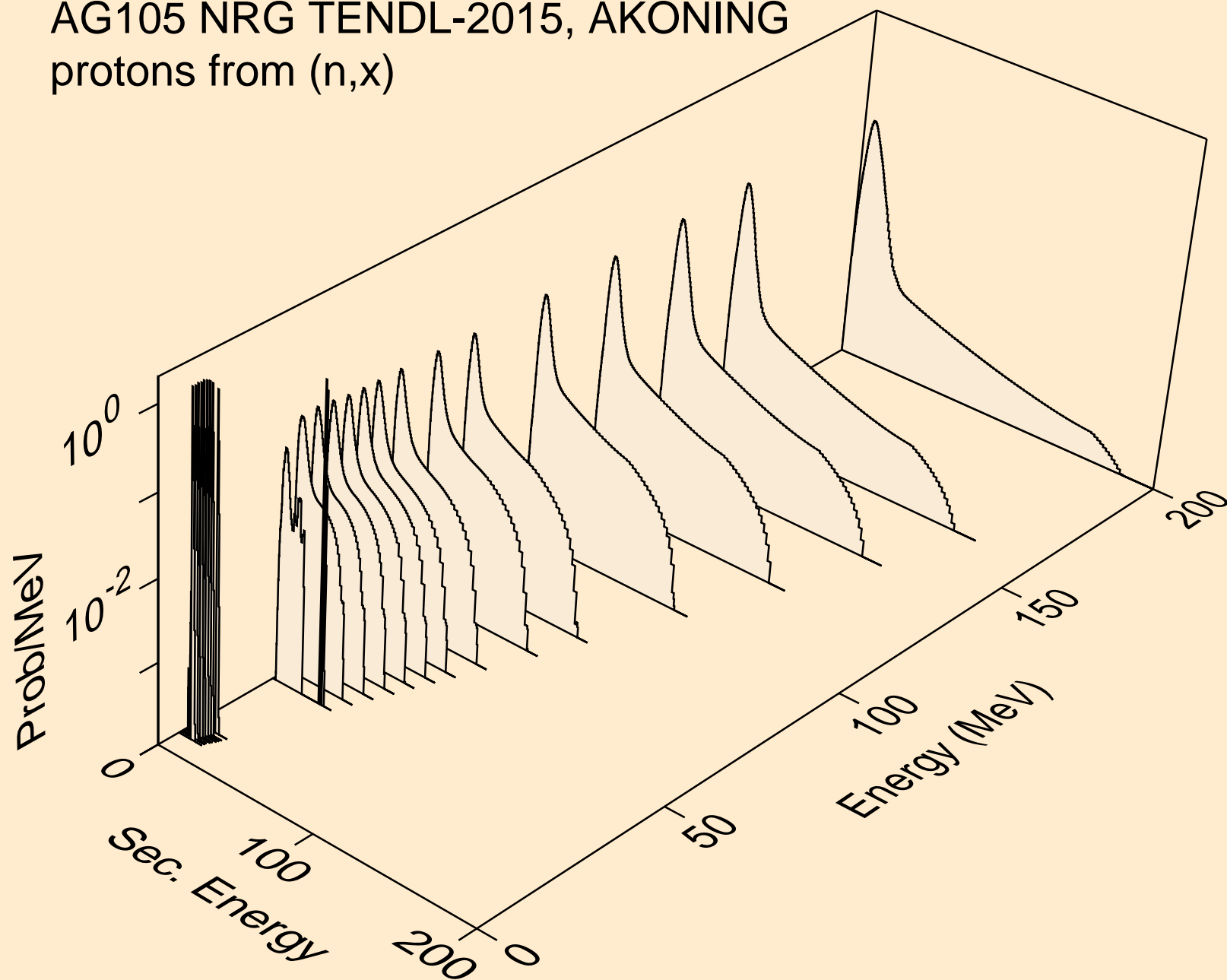


# AG105 NRG TENDL-2015, AKONING

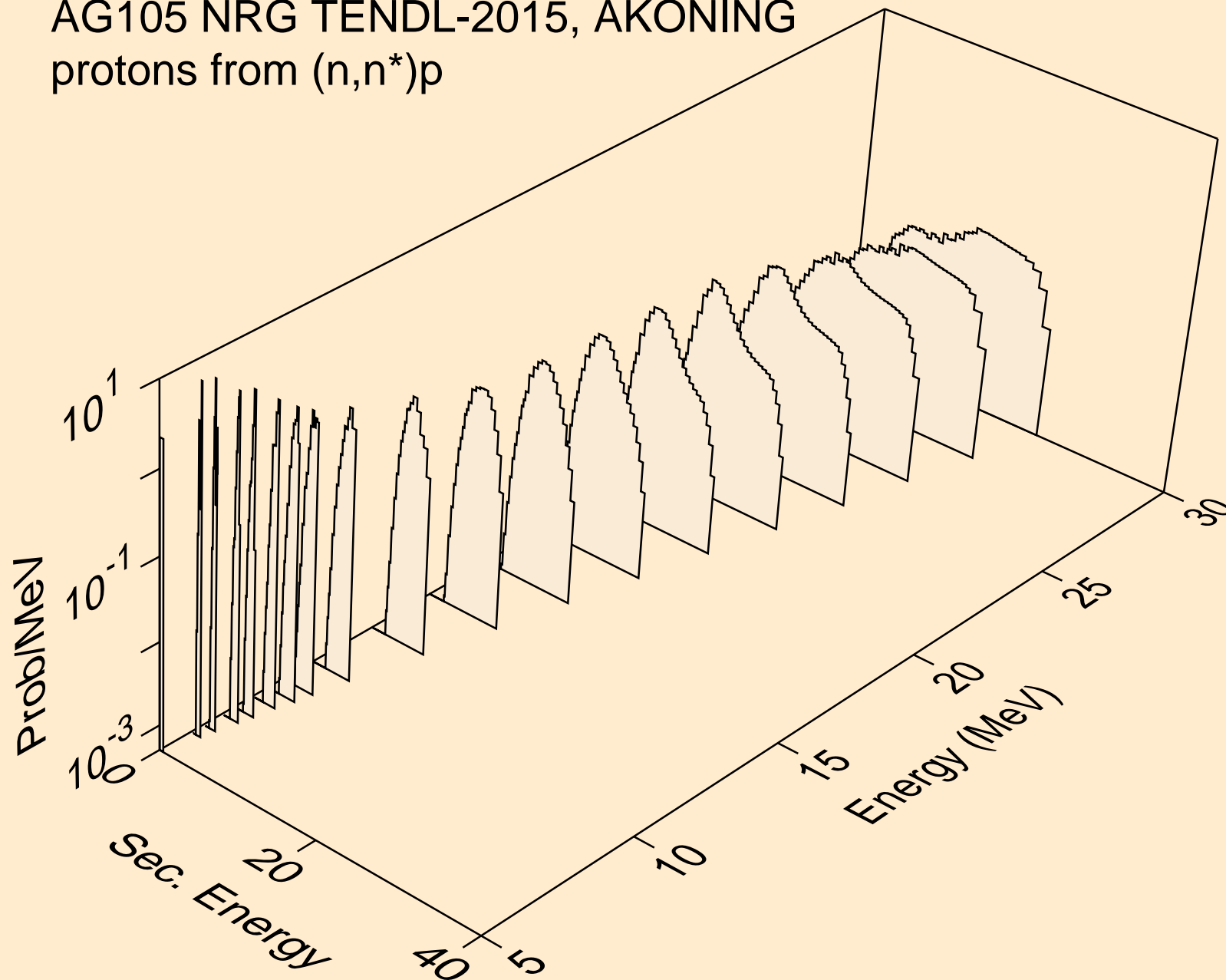
## Particle production cross sections



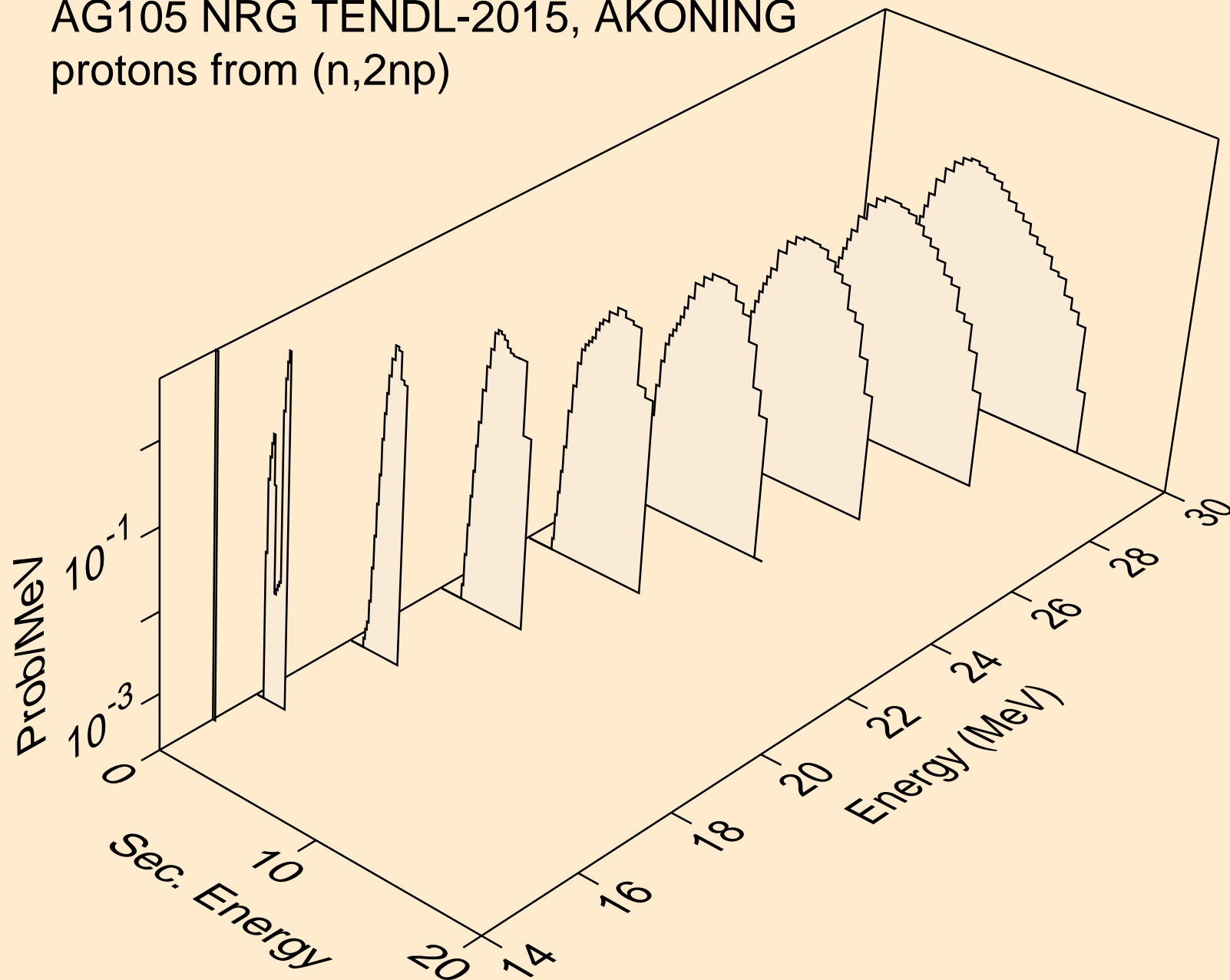
AG105 NRG TENDL-2015, AKONING  
protons from (n,x)



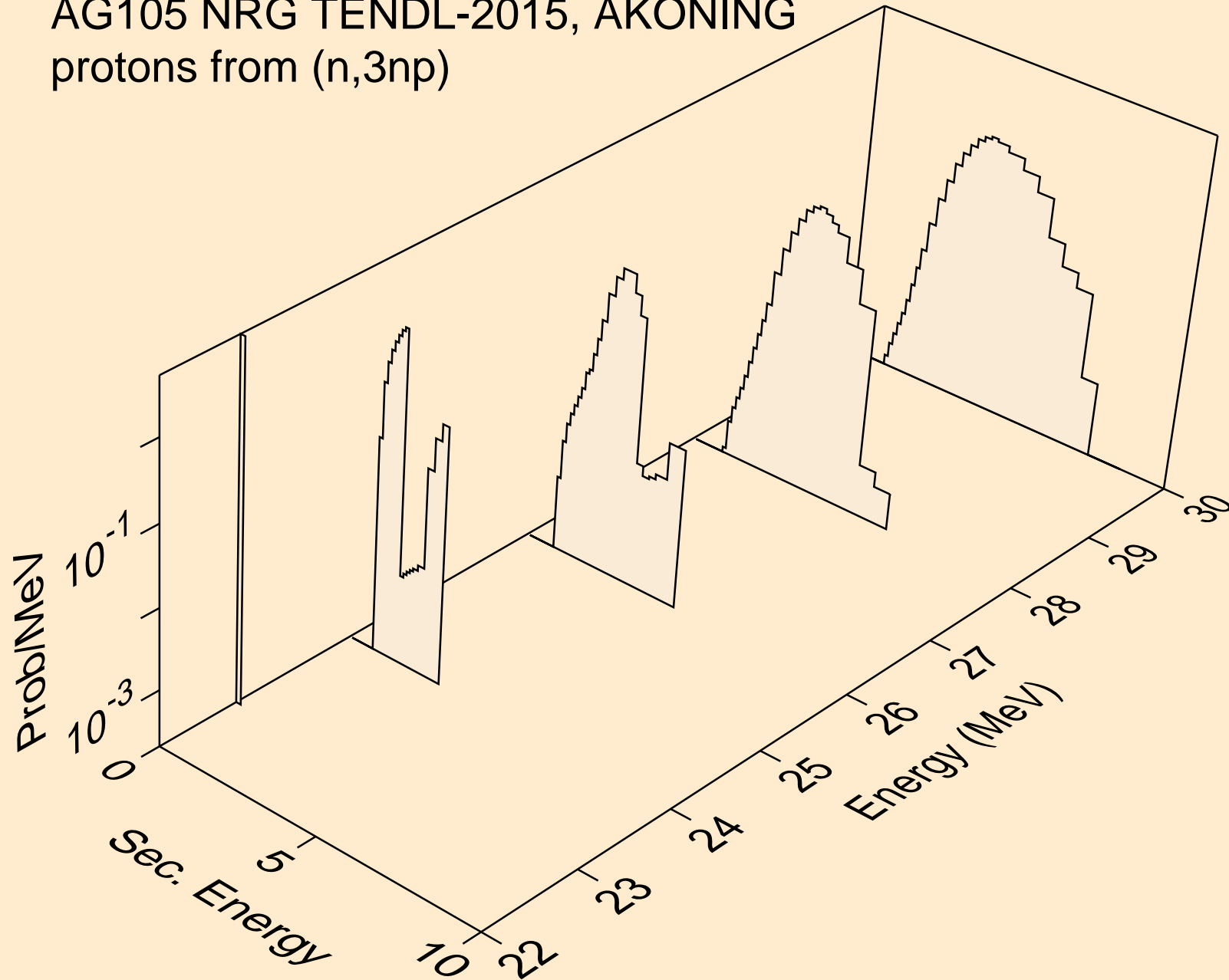
AG105 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



AG105 NRG TENDL-2015, AKONING  
protons from (n,2np)

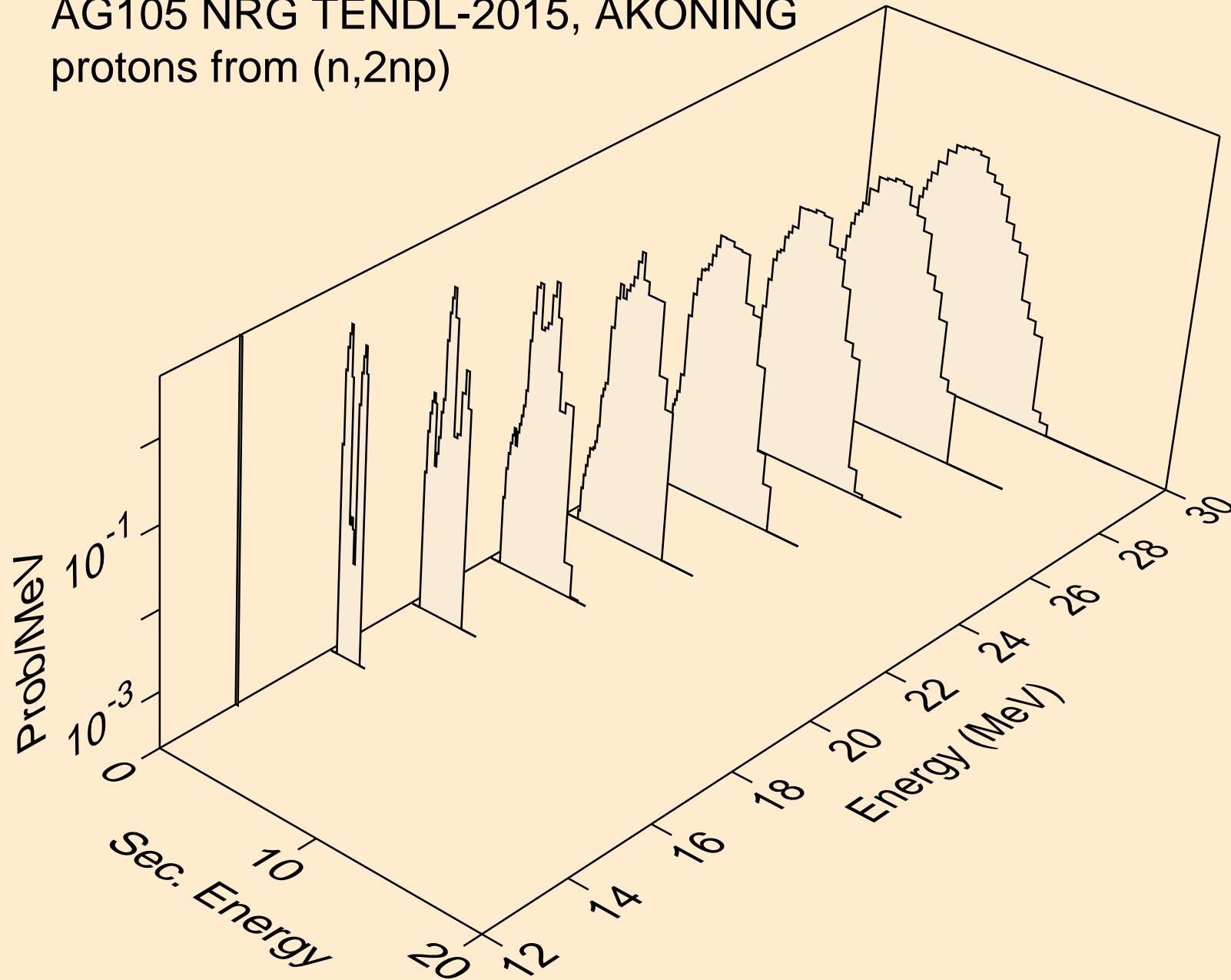


AG105 NRG TENDL-2015, AKONING  
protons from (n,3np)

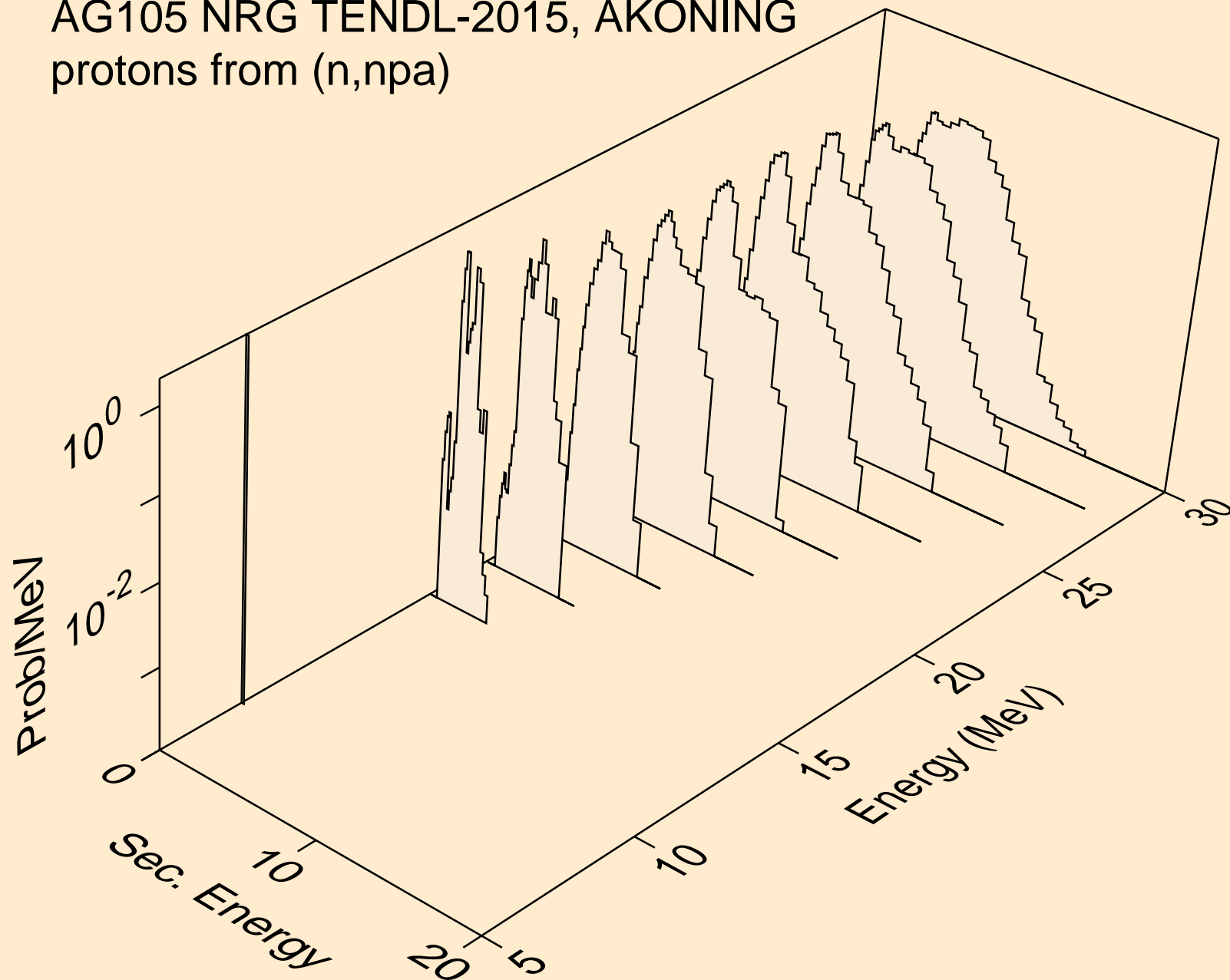




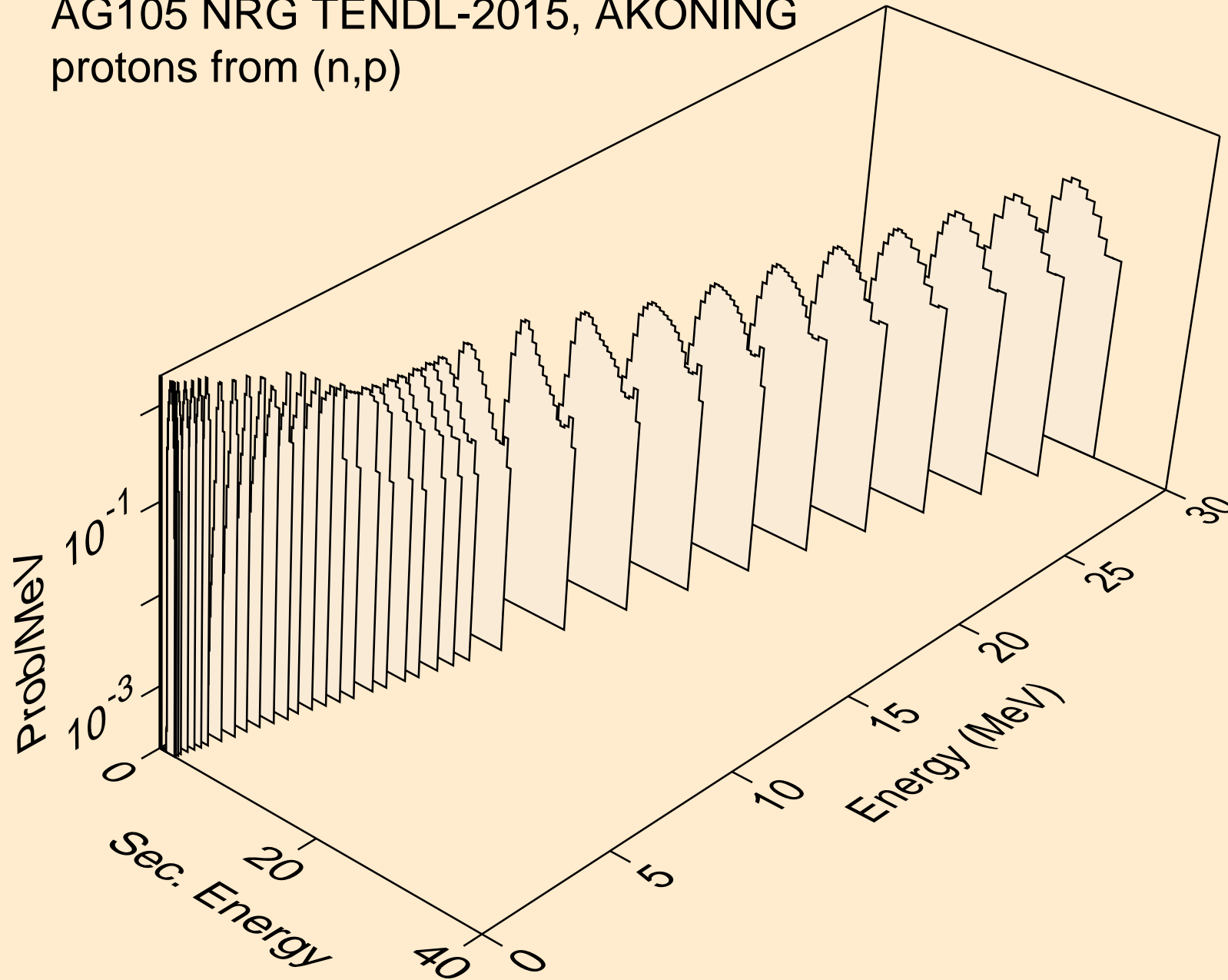
AG105 NRG TENDL-2015, AKONING  
protons from (n,2np)



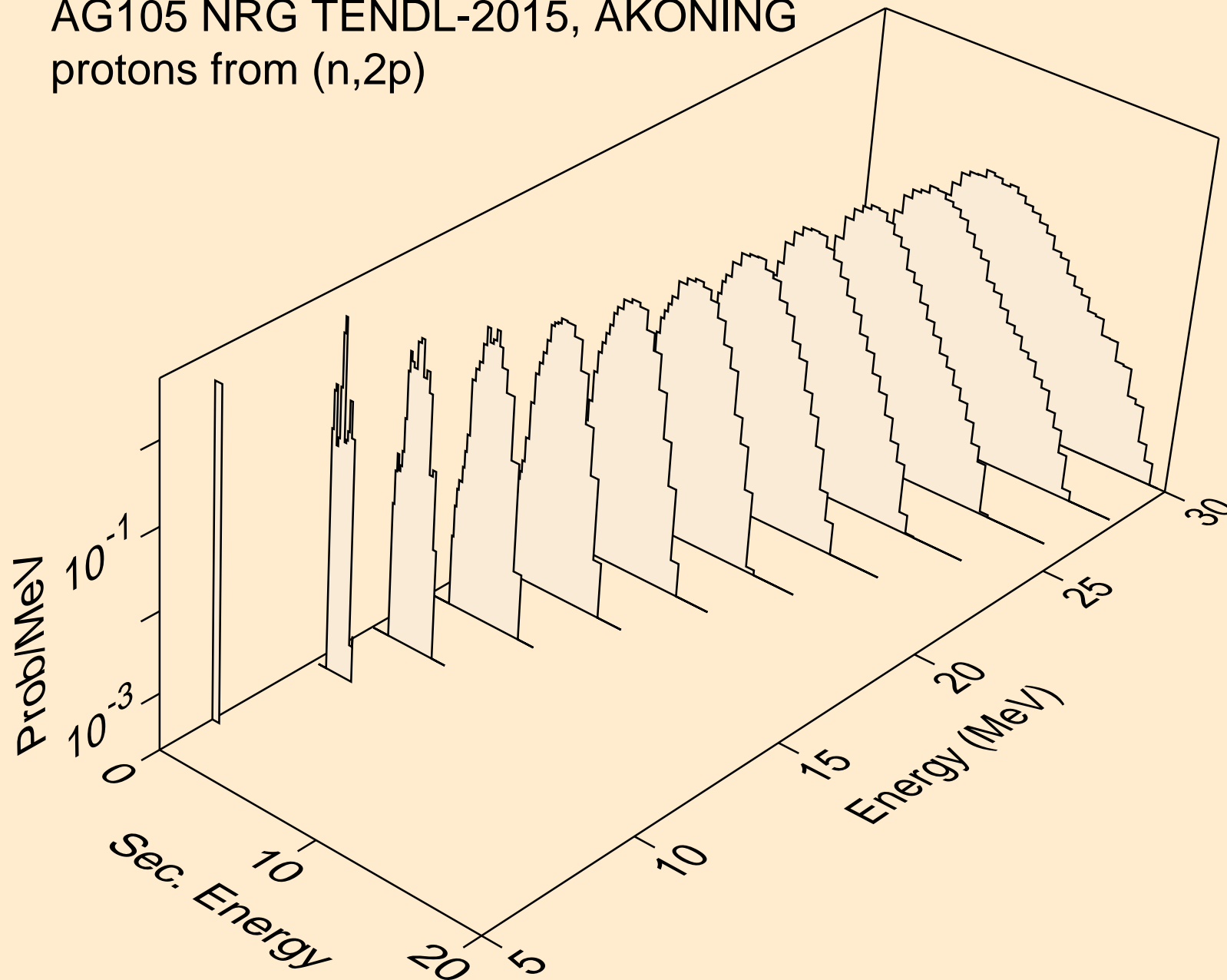
AG105 NRG TENDL-2015, AKONING  
protons from (n,npa)



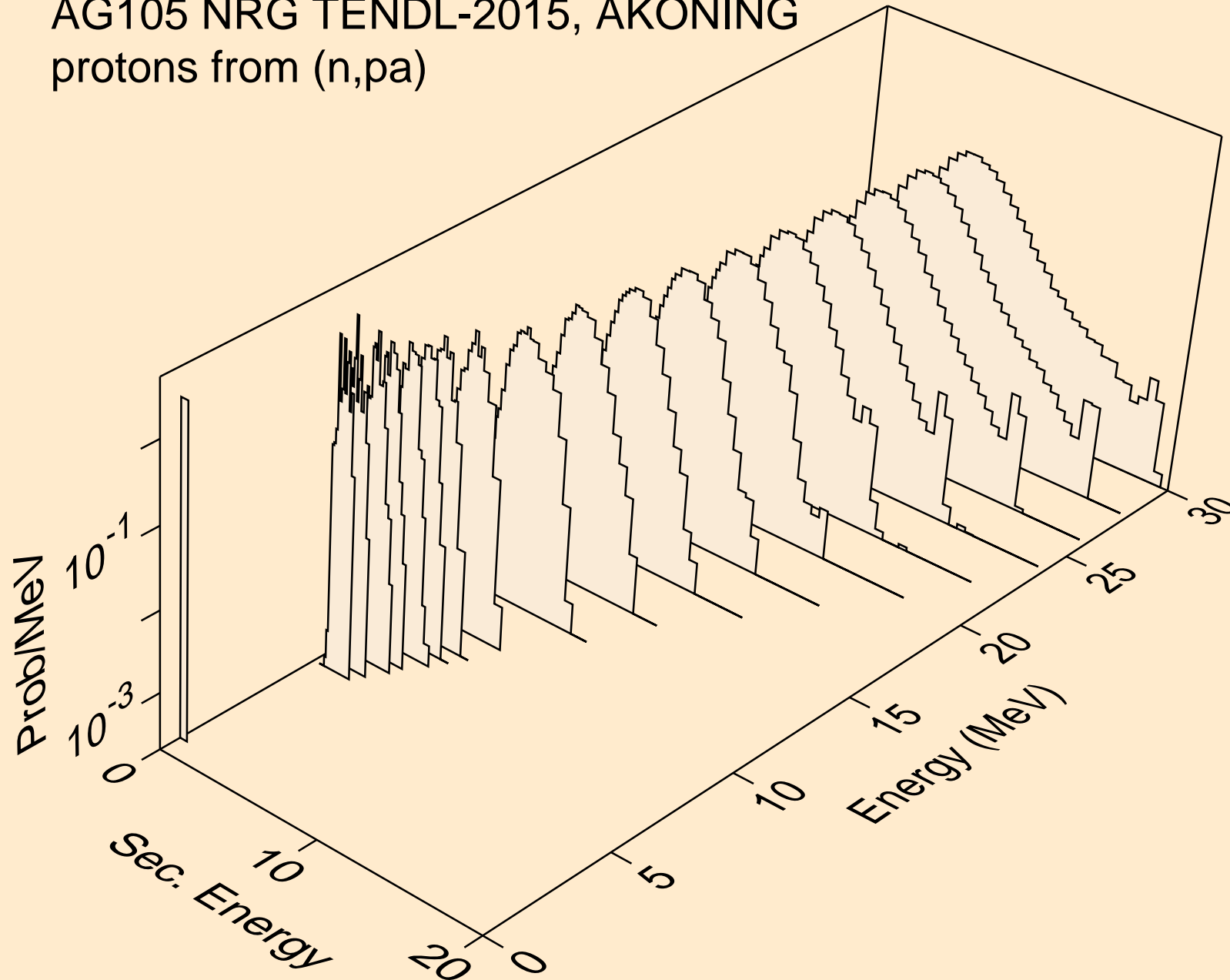
AG105 NRG TENDL-2015, AKONING  
protons from (n,p)



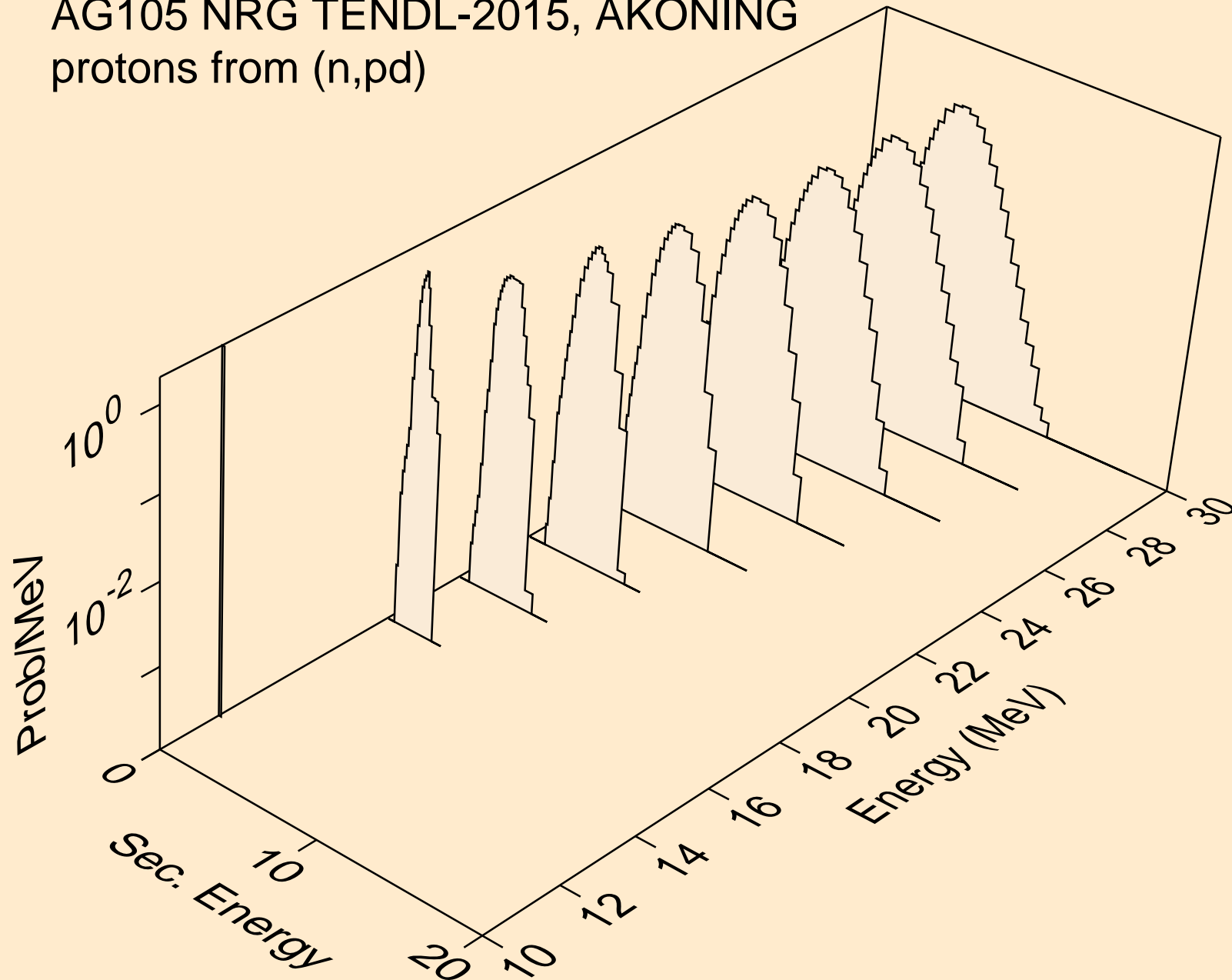
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protons from (n,2p)



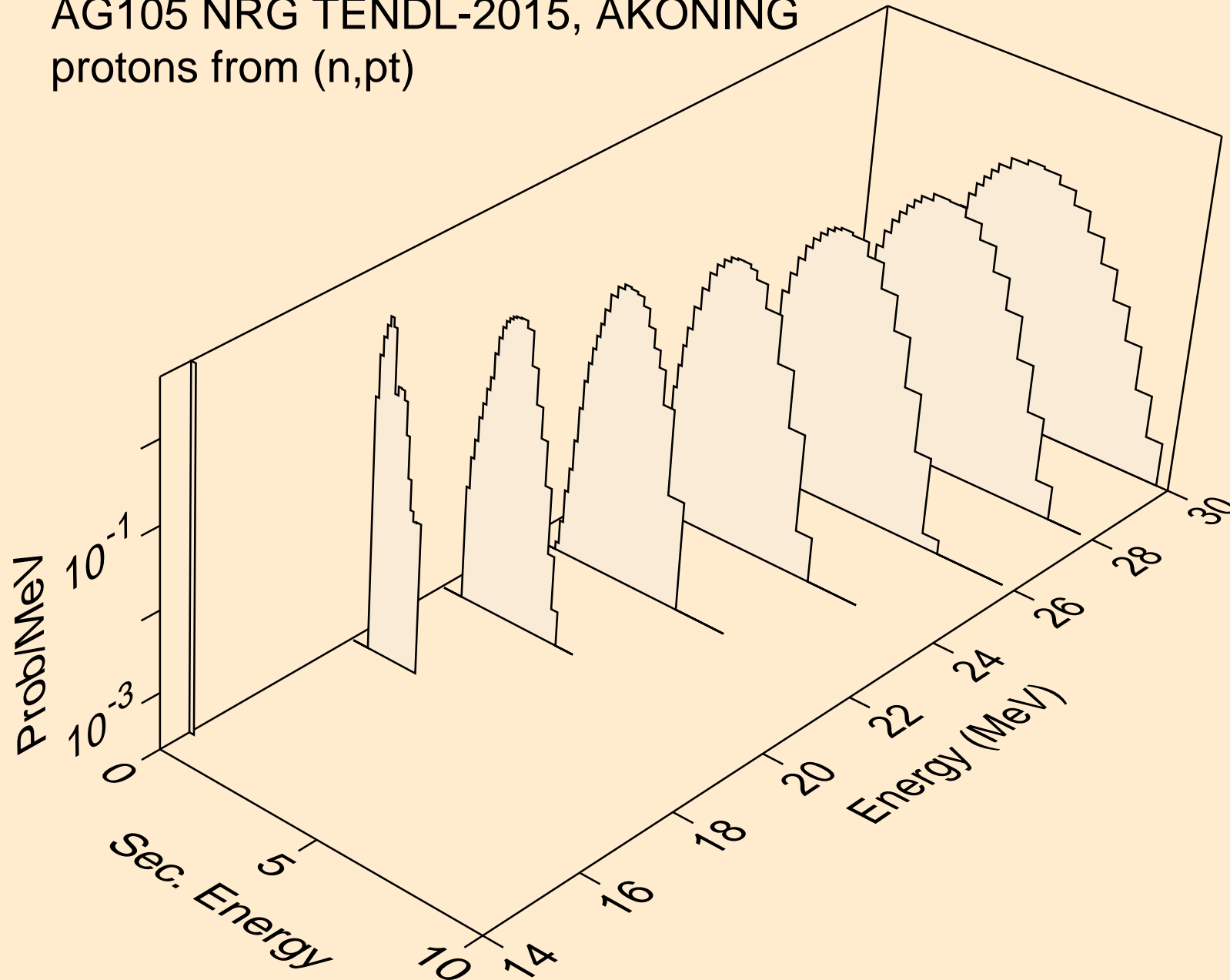
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protons from (n,pa)



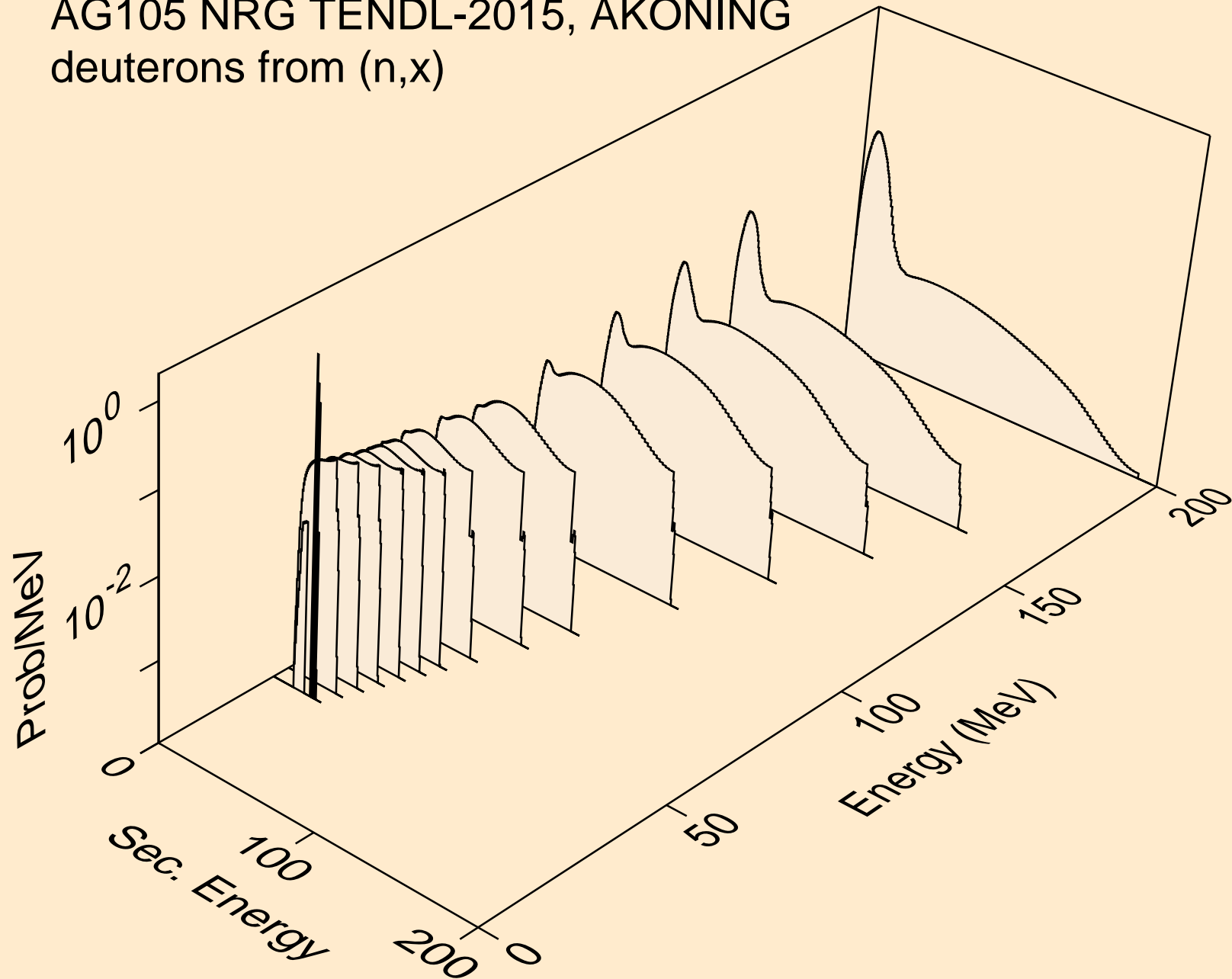
AG105 NRG TENDL-2015, AKONING  
protons from (n,pd)



AG105 NRG TENDL-2015, AKONING  
protons from (n,pt)

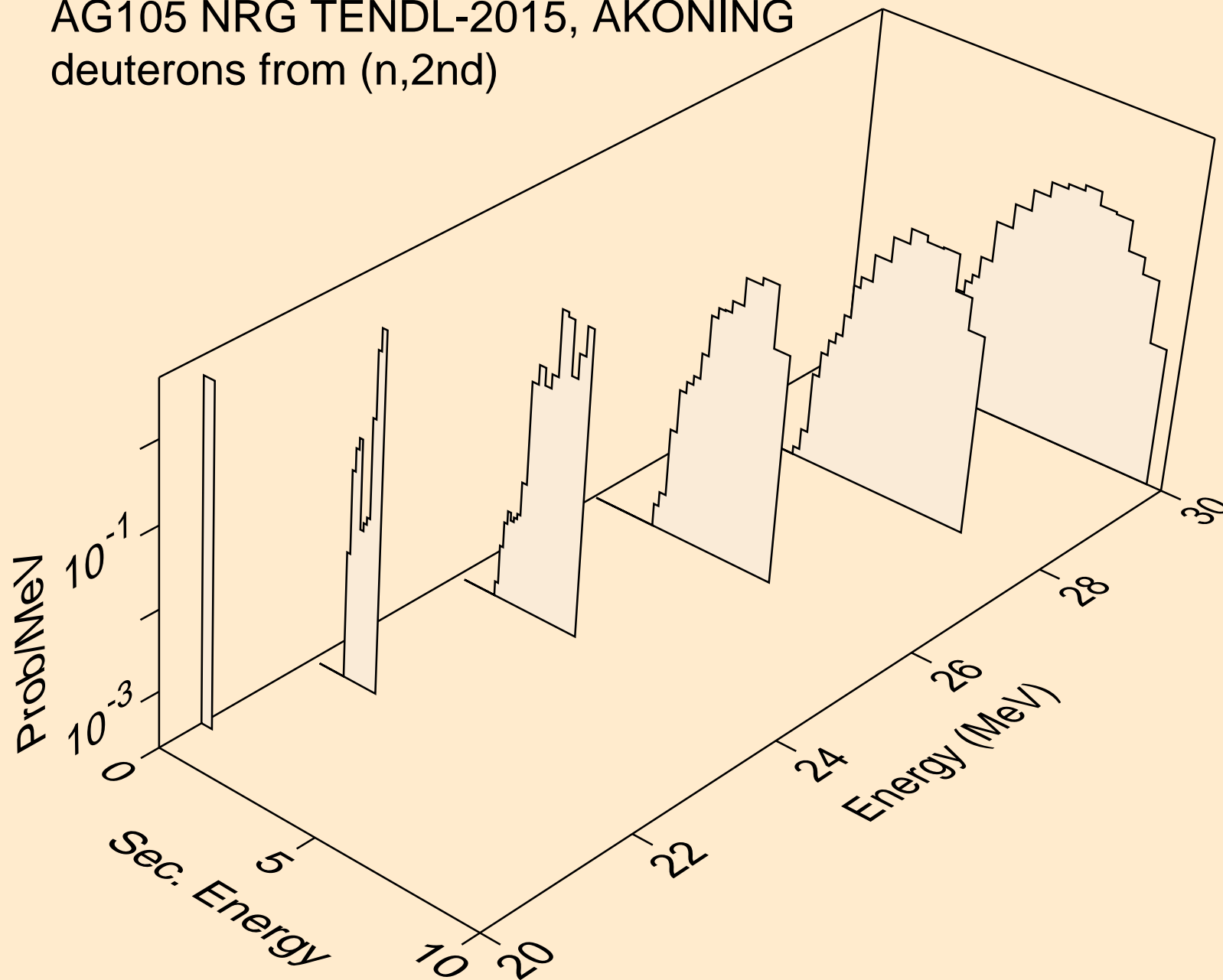


AG105 NRG TENDL-2015, AKONING  
deuterons from (n,x)

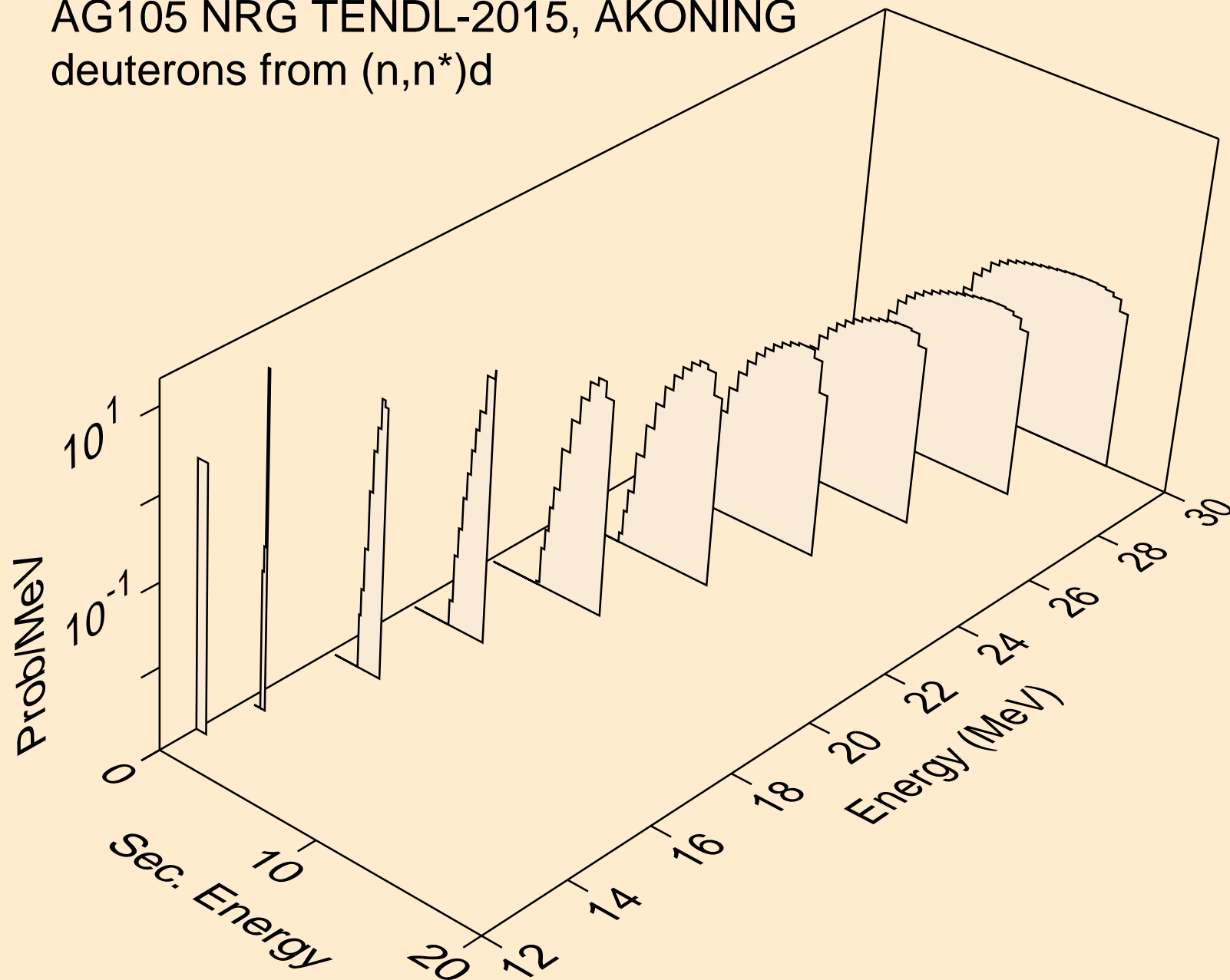




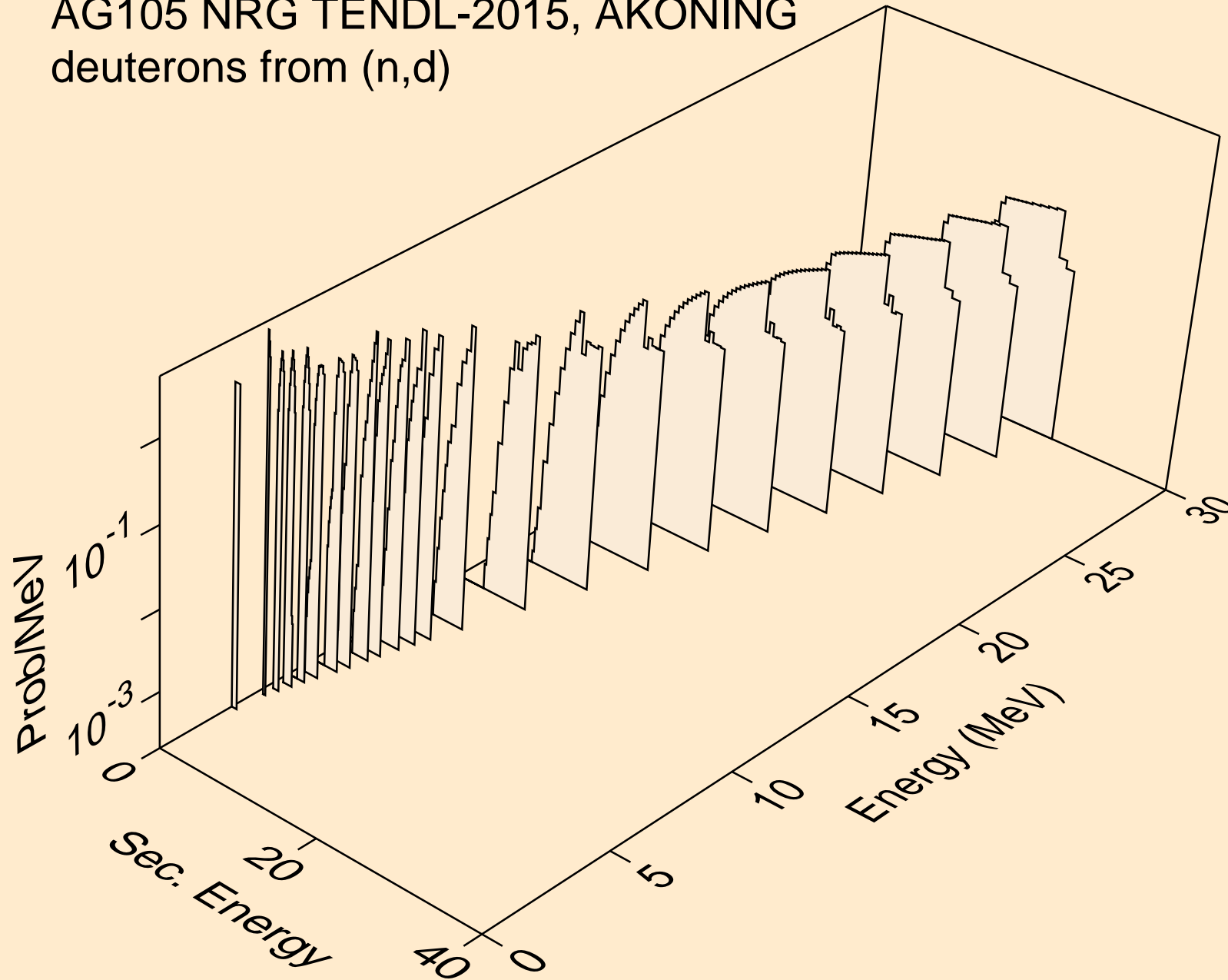
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deuterons from (n,2nd)



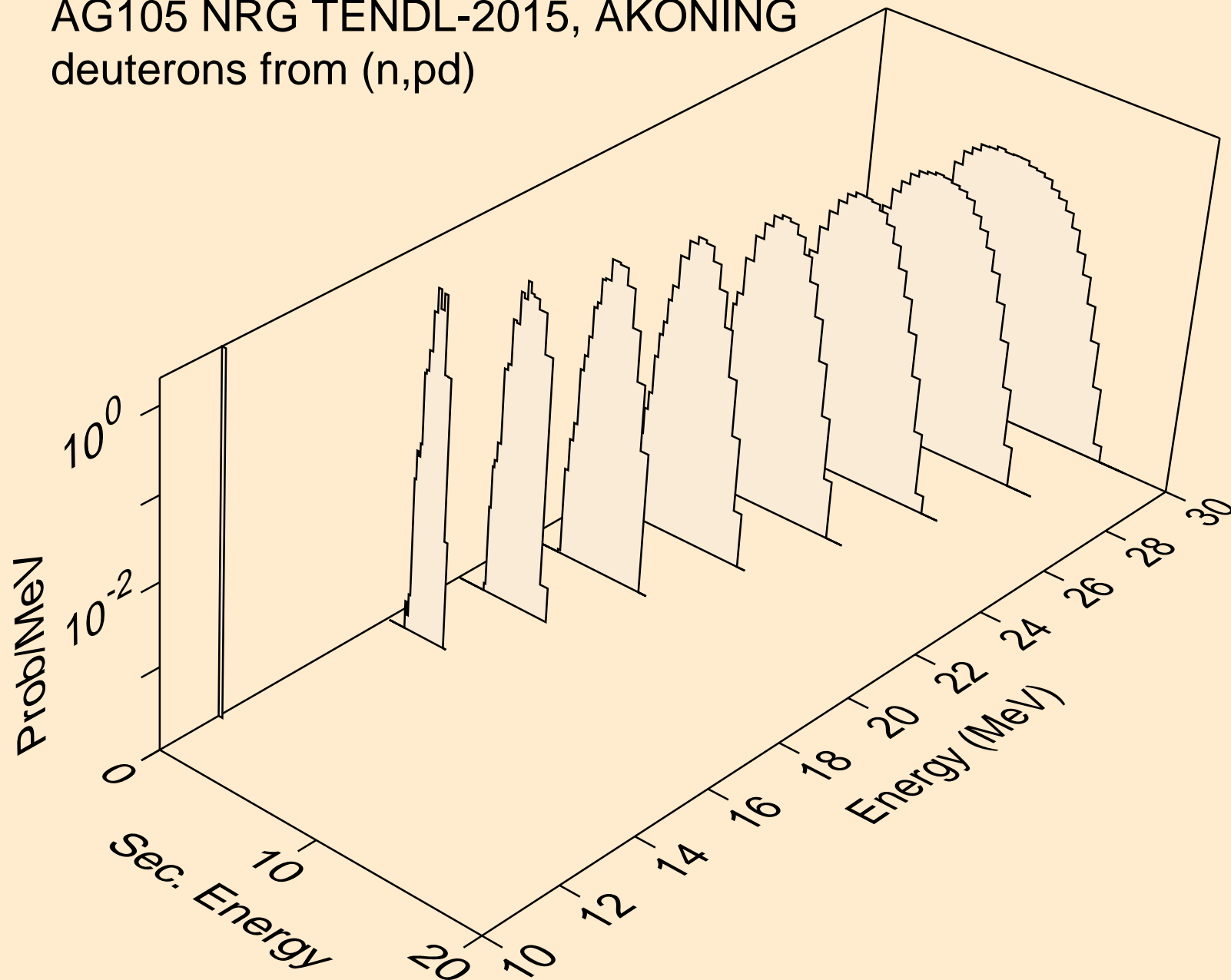
AG105 NRG TENDL-2015, AKONING  
deuterons from  $(n,n^*)d$



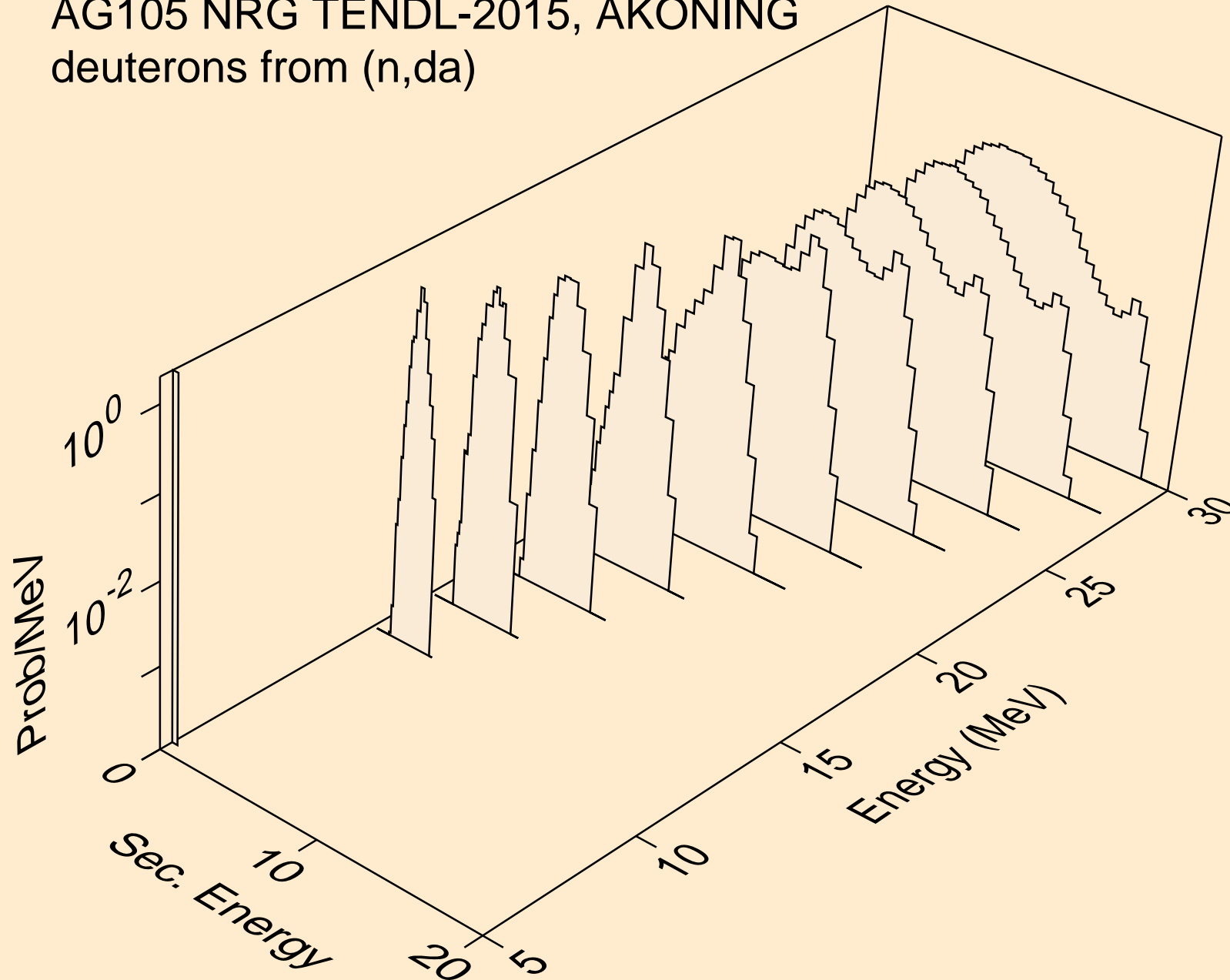
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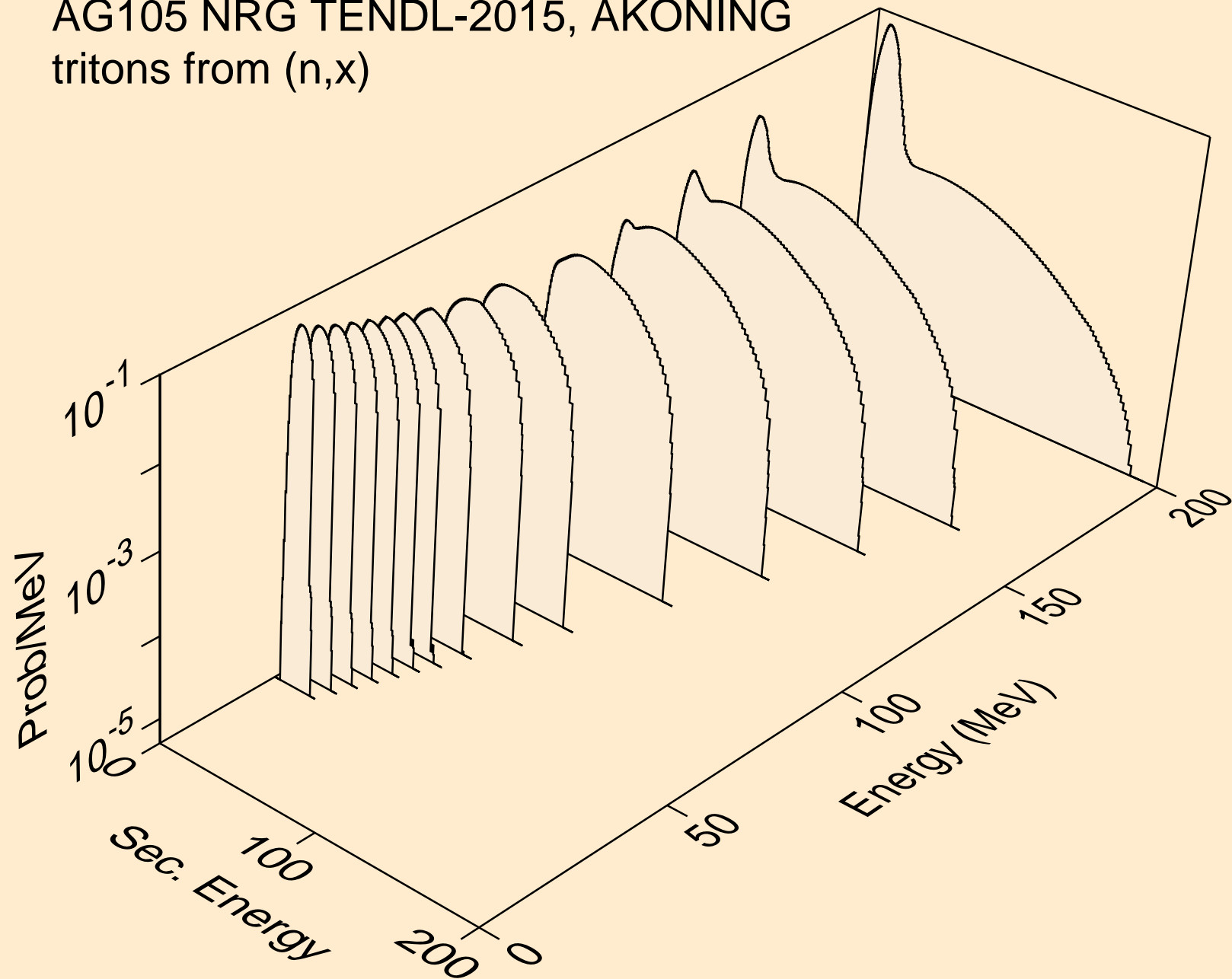
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deuterons from (n,pd)



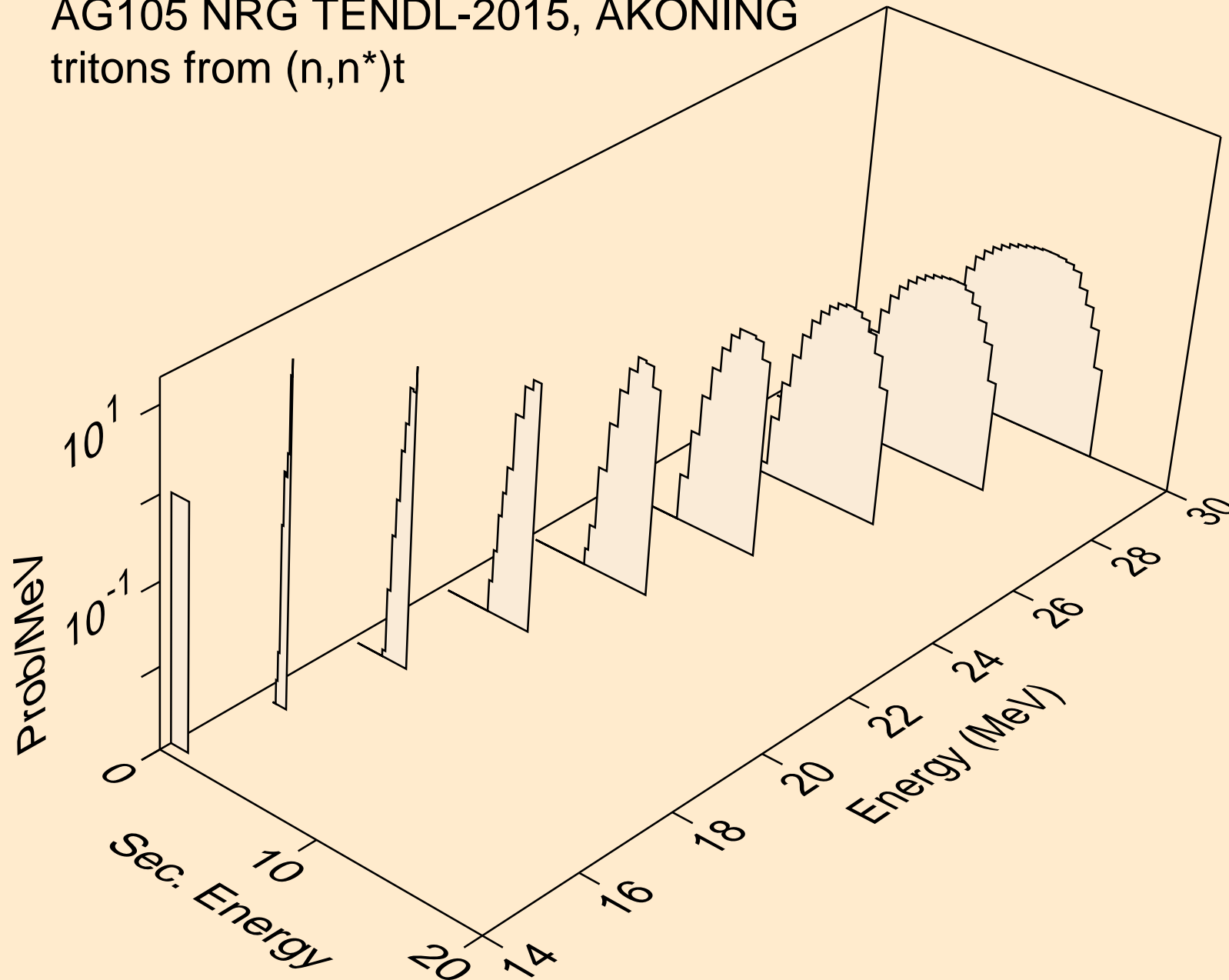
AG105 NRG TENDL-2015, AKONING  
deuterons from (n,da)



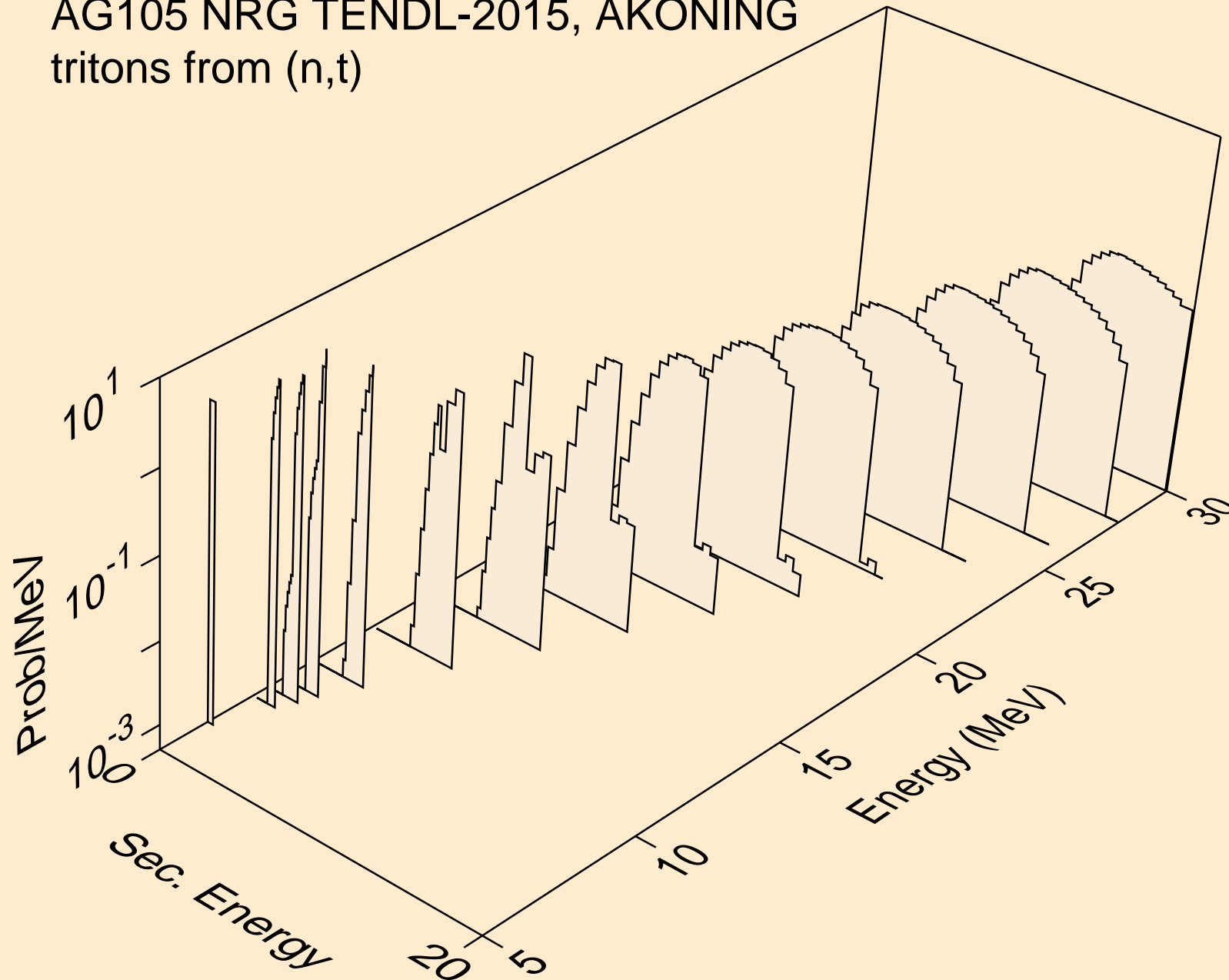
AG105 NRG TENDL-2015, AKONING  
tritons from (n,x)



AG105 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$

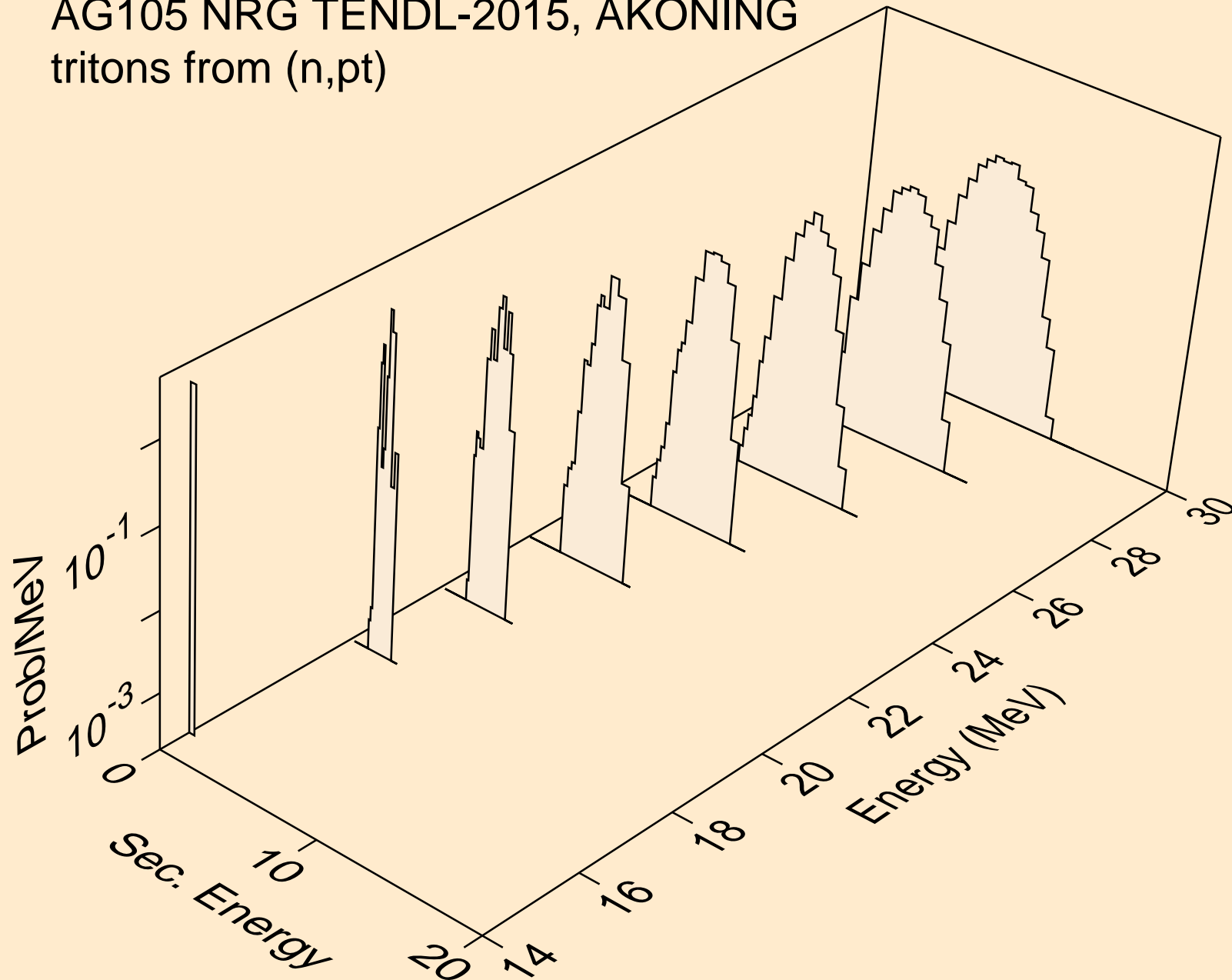


AG105 NRG TENDL-2015, AKONING  
tritons from (n,t)

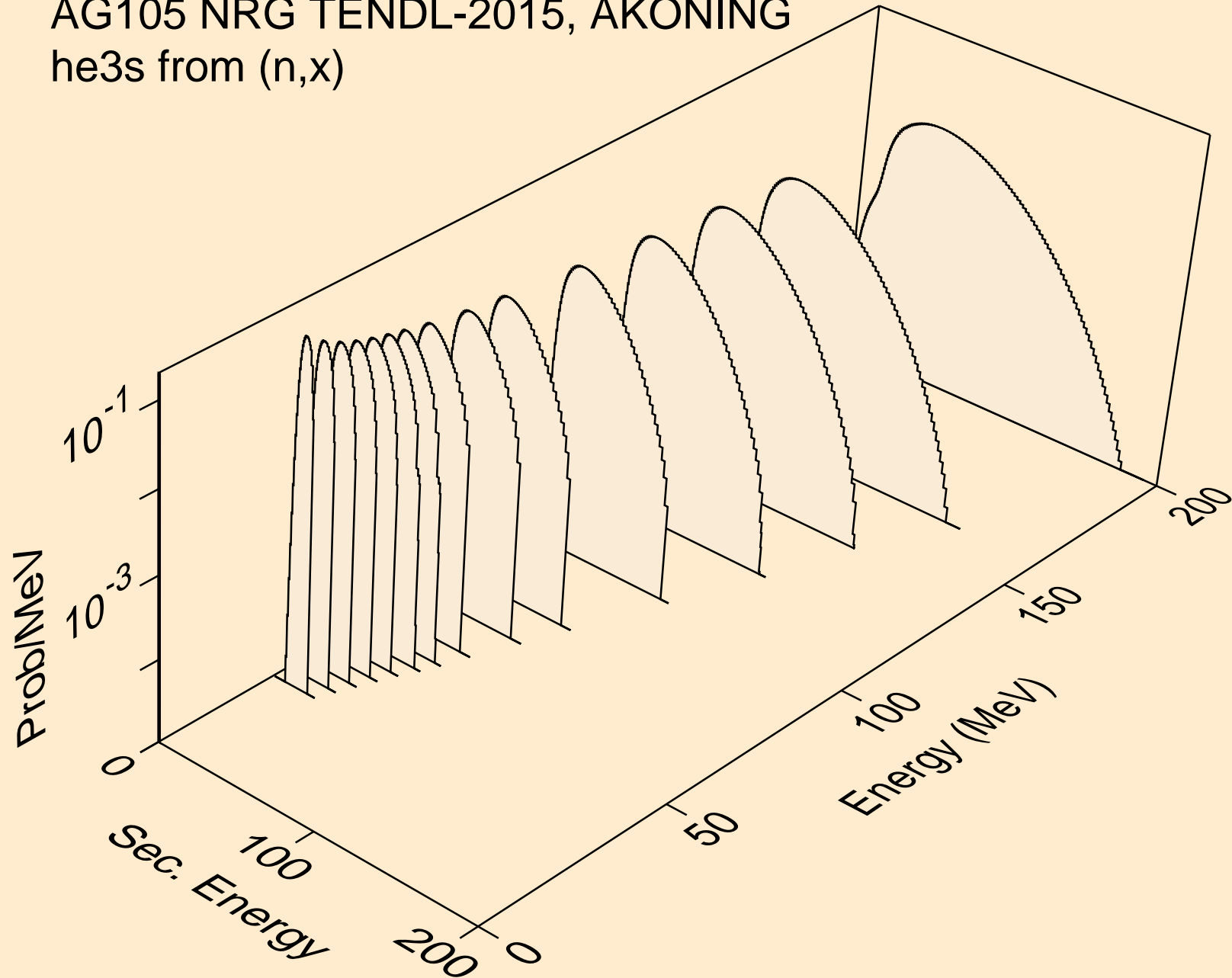




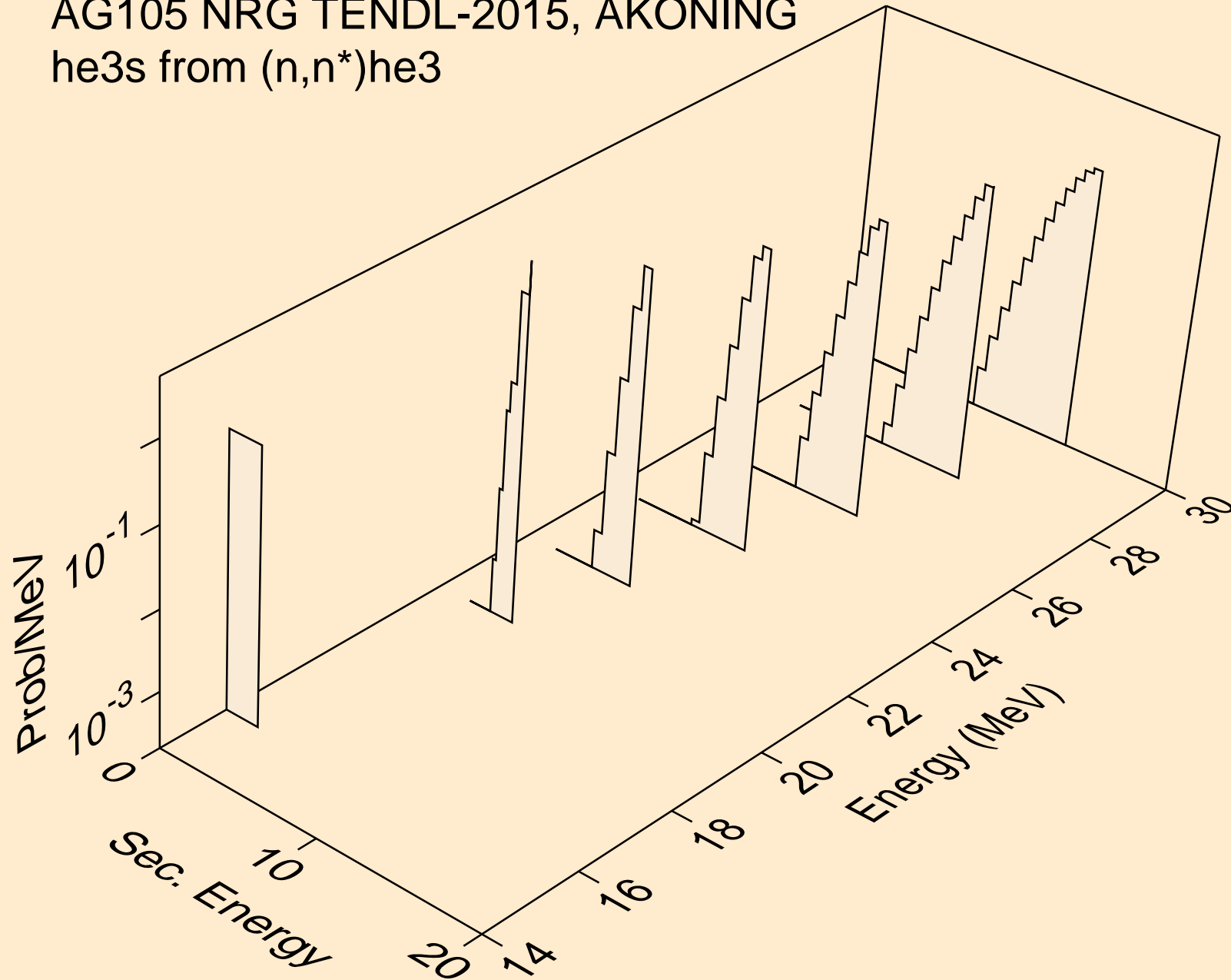
AG105 NRG TENDL-2015, AKONING  
tritons from (n,pt)



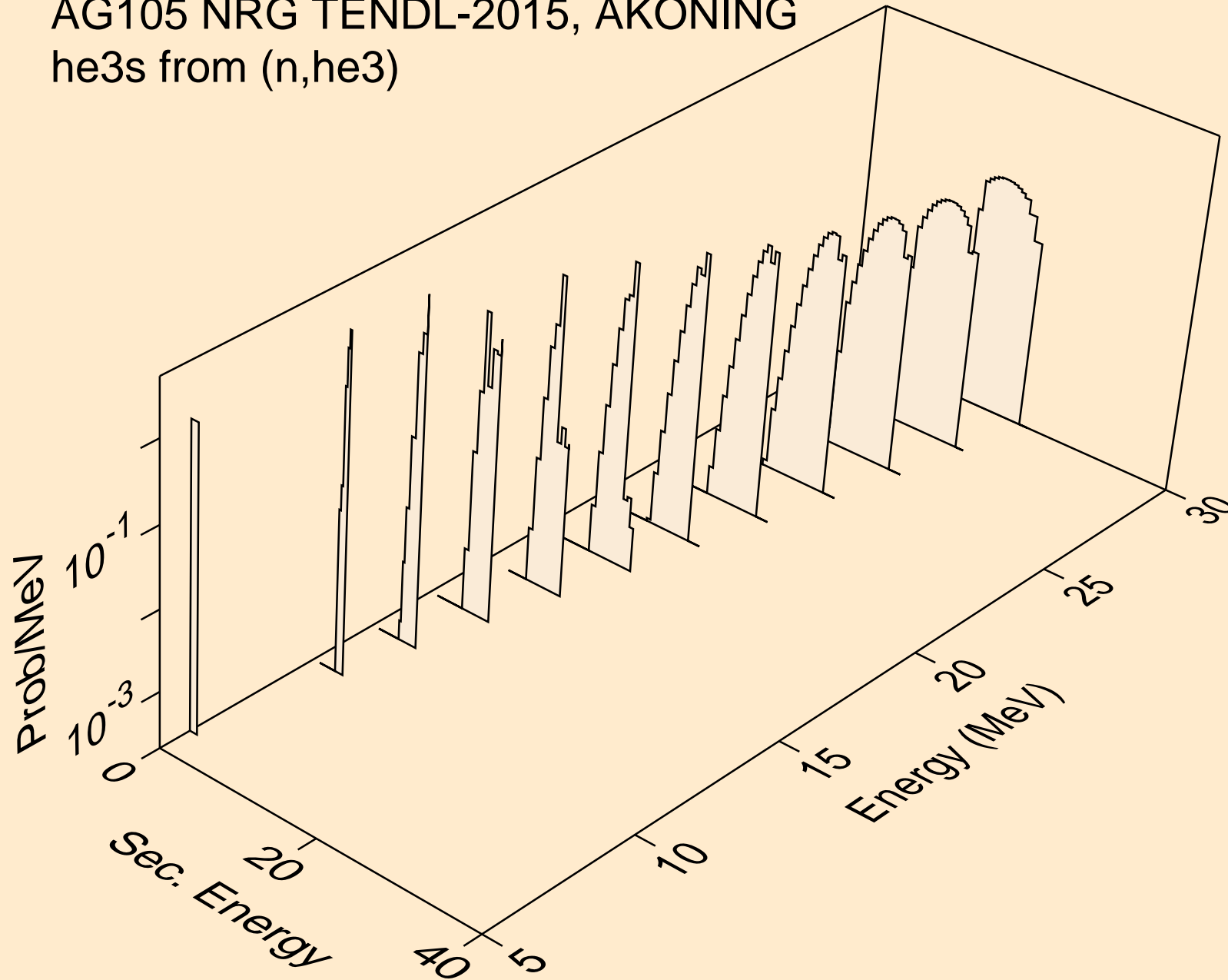
AG105 NRG TENDL-2015, AKONING  
he3s from (n,x)



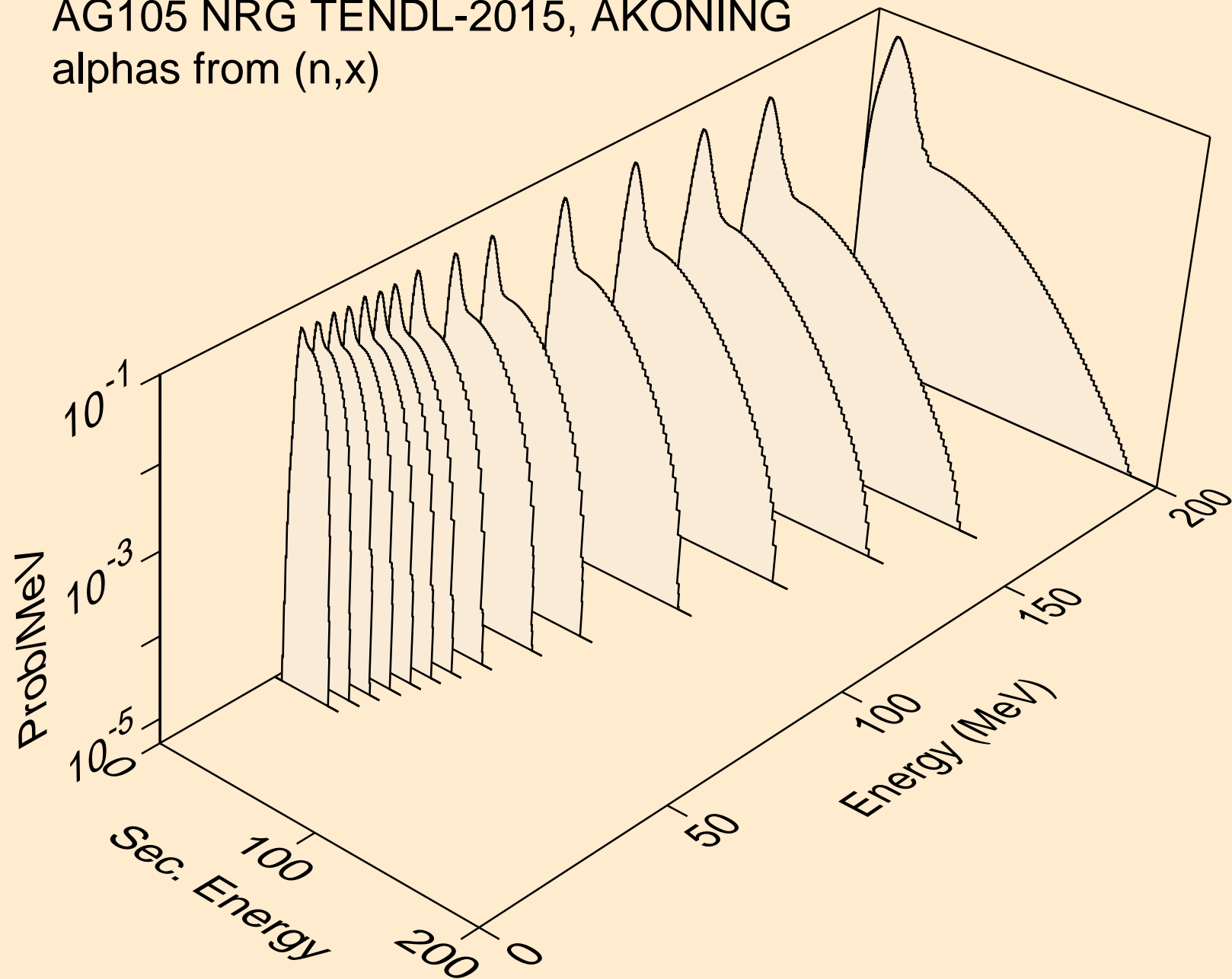
AG105 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



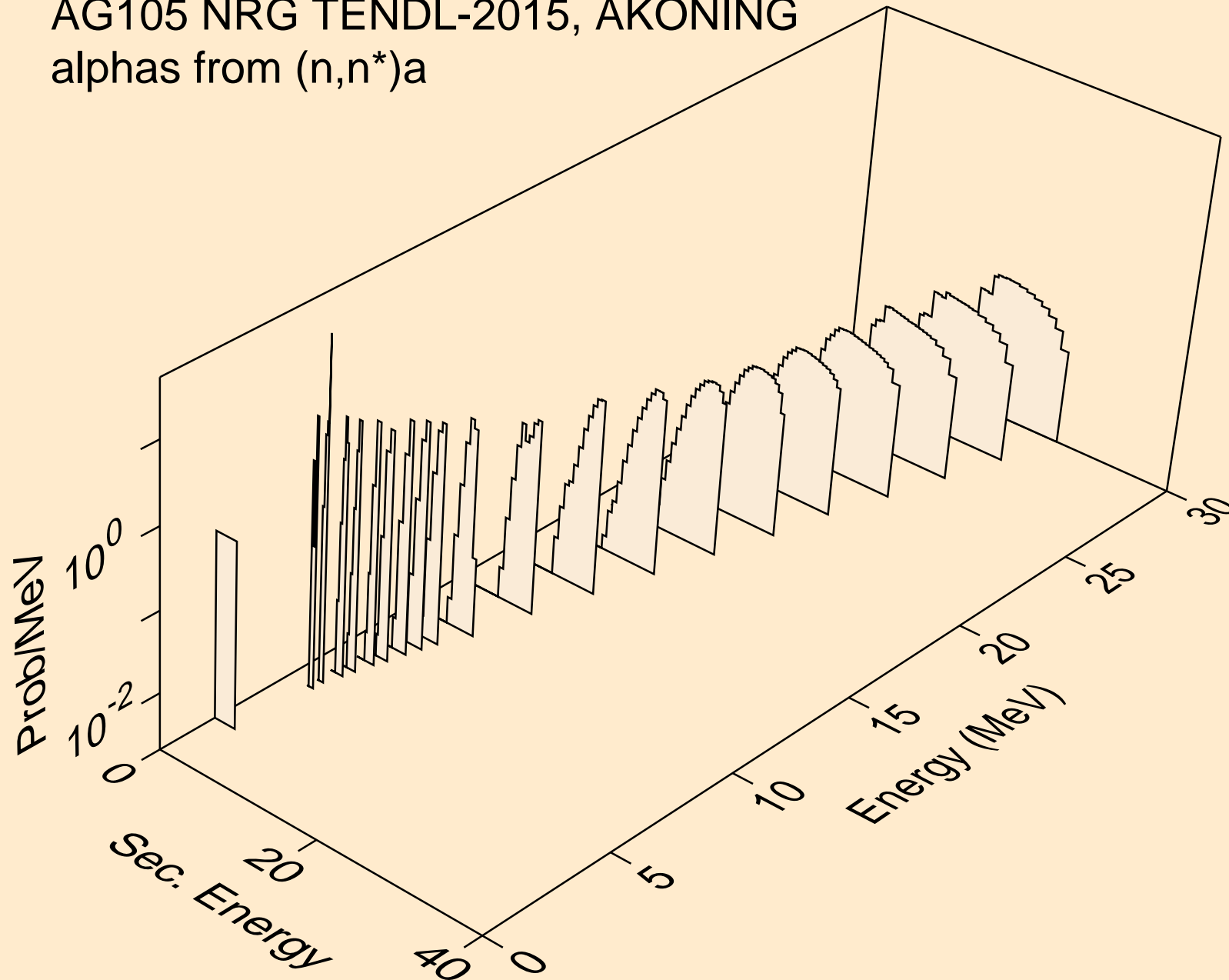
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he3s from (n,he3)



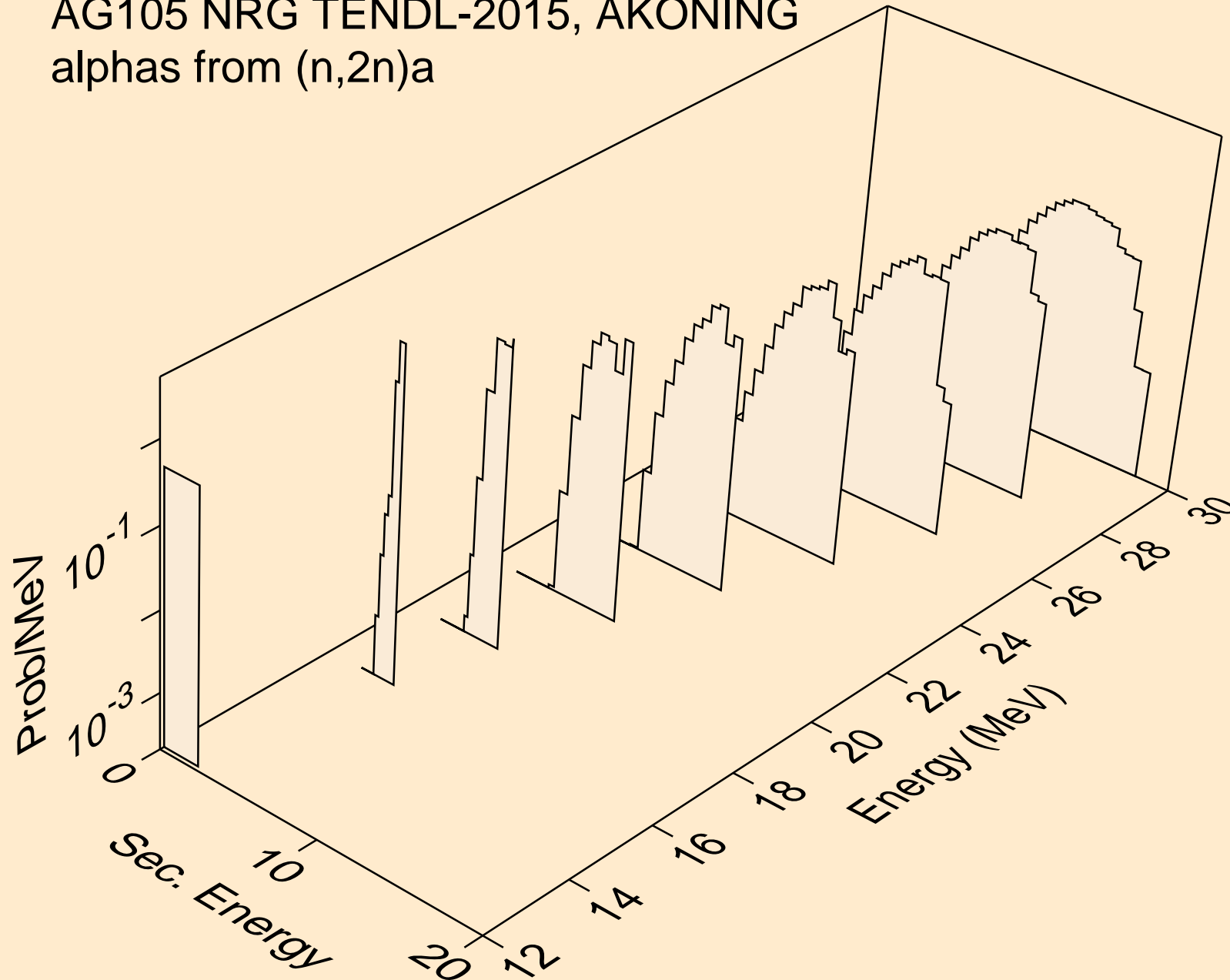
AG105 NRG TENDL-2015, AKONING  
alphas from (n,x)



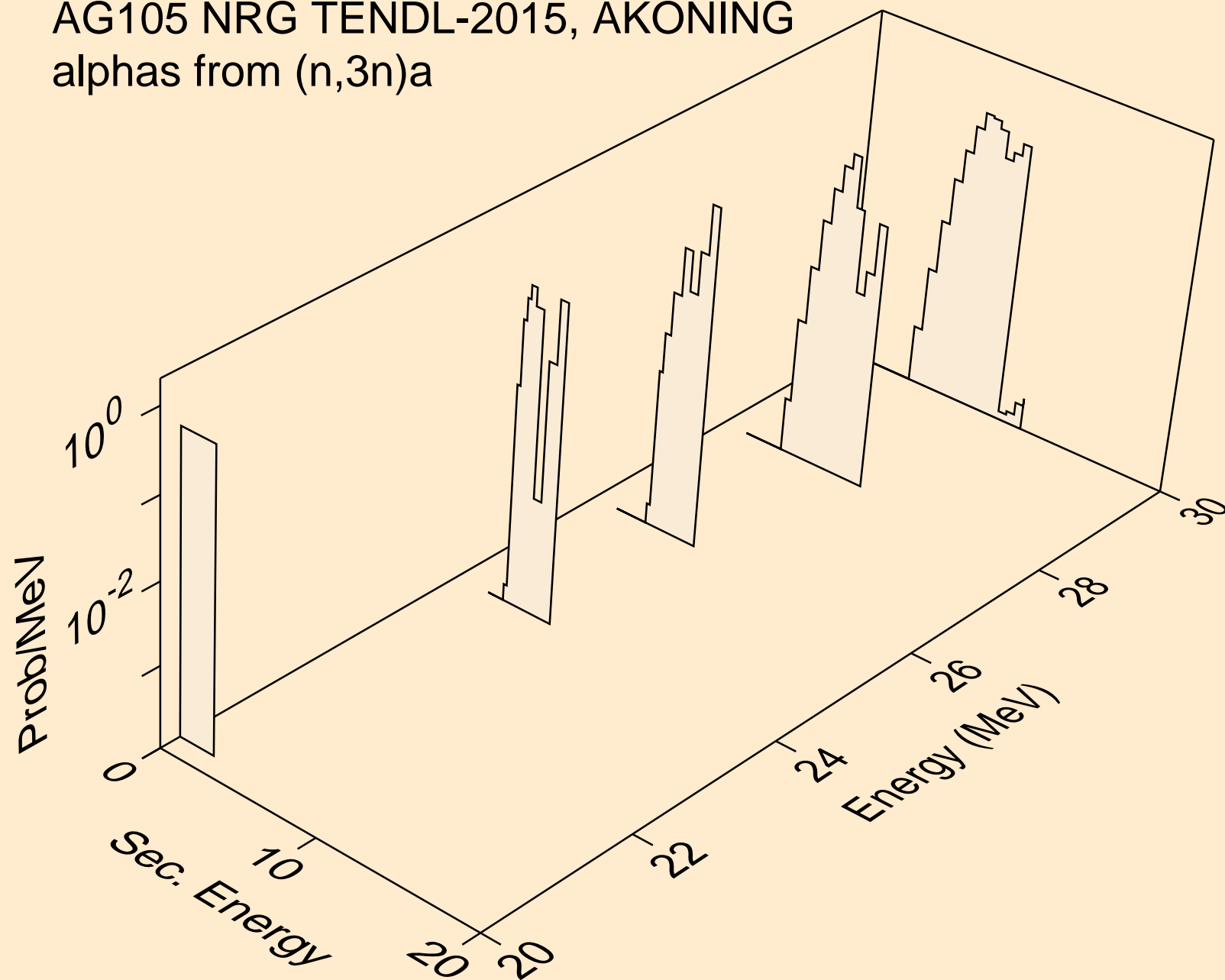
AG105 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



AG105 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

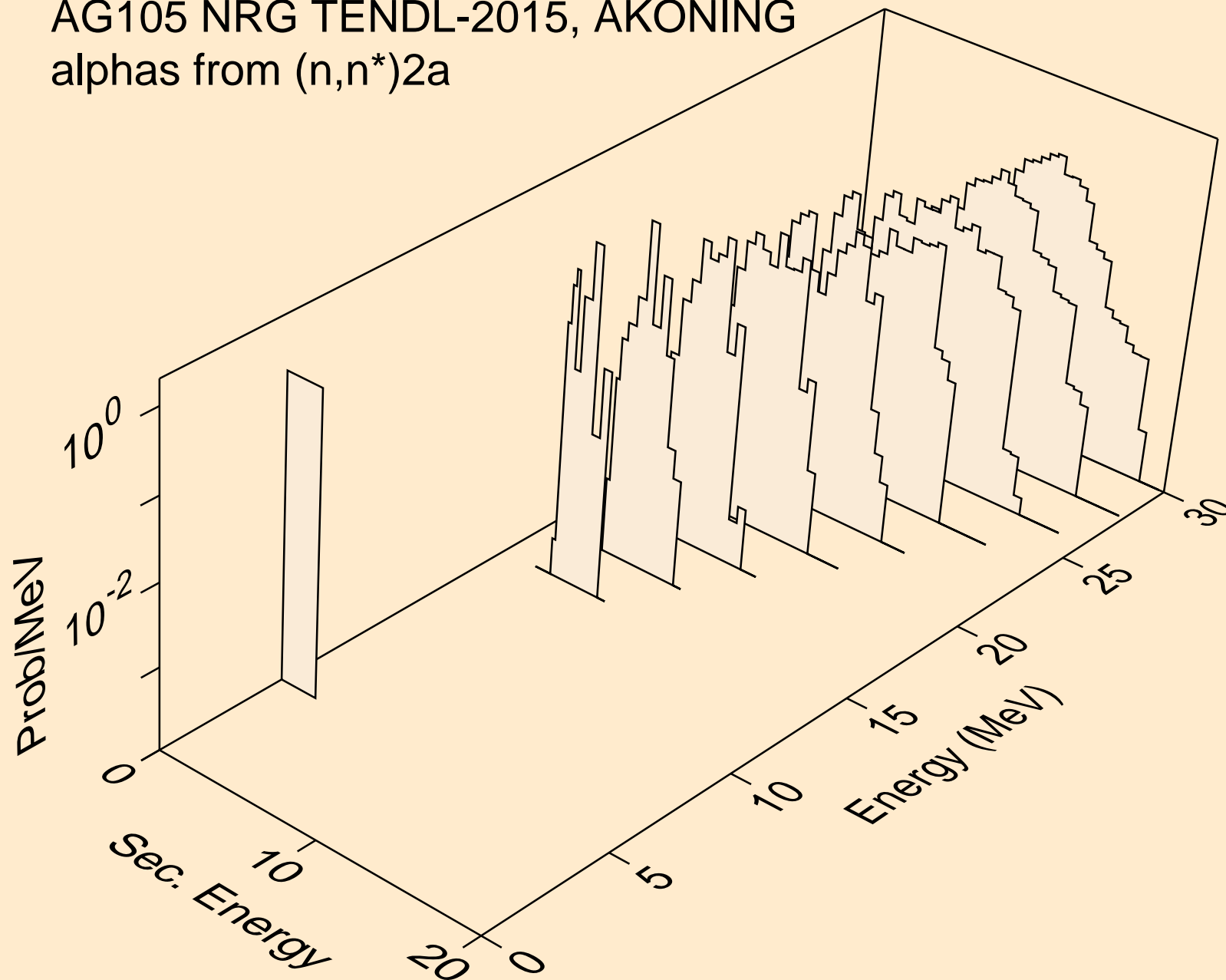


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alphas from (n,3n)a

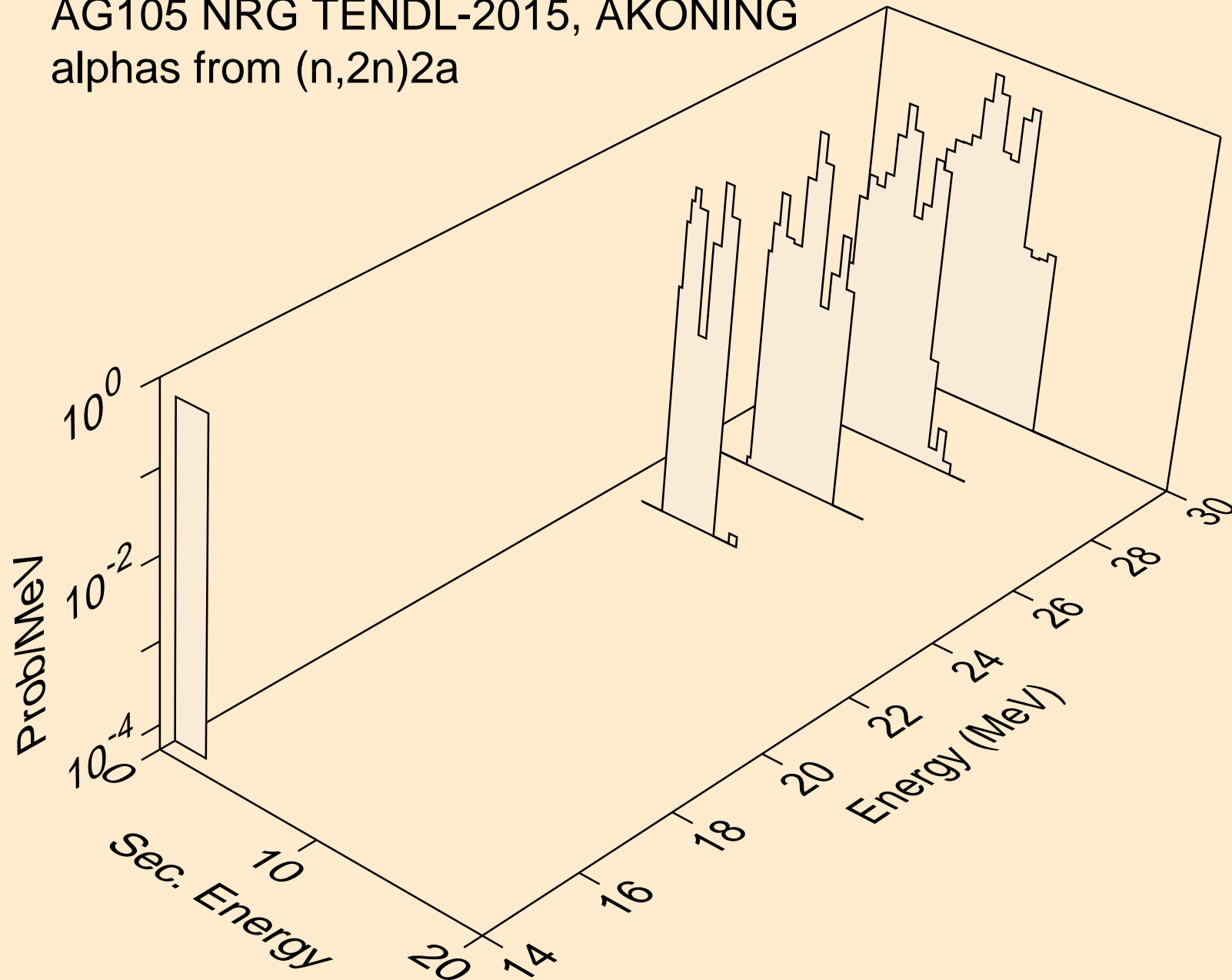




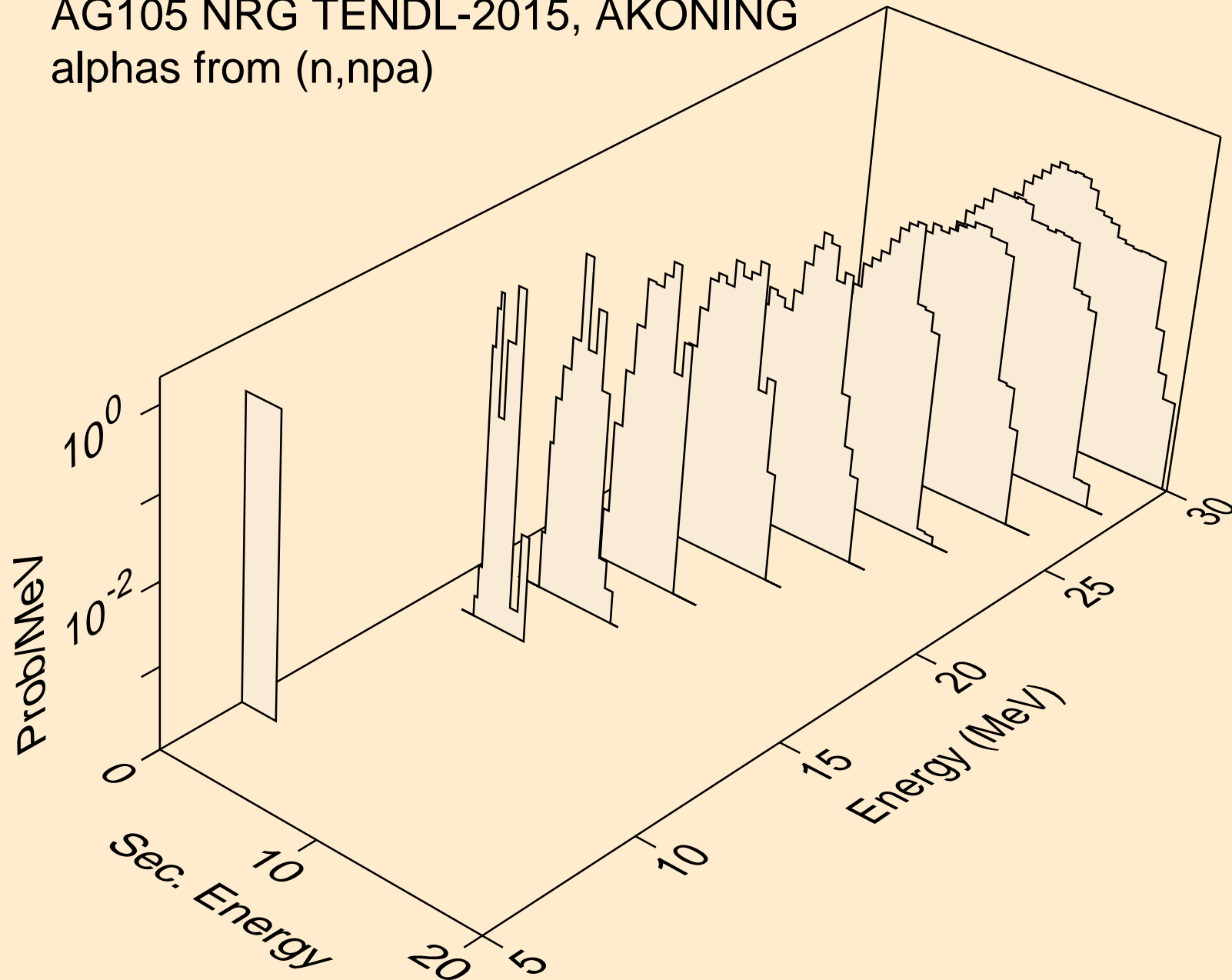
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alphas from (n,n\*)2a



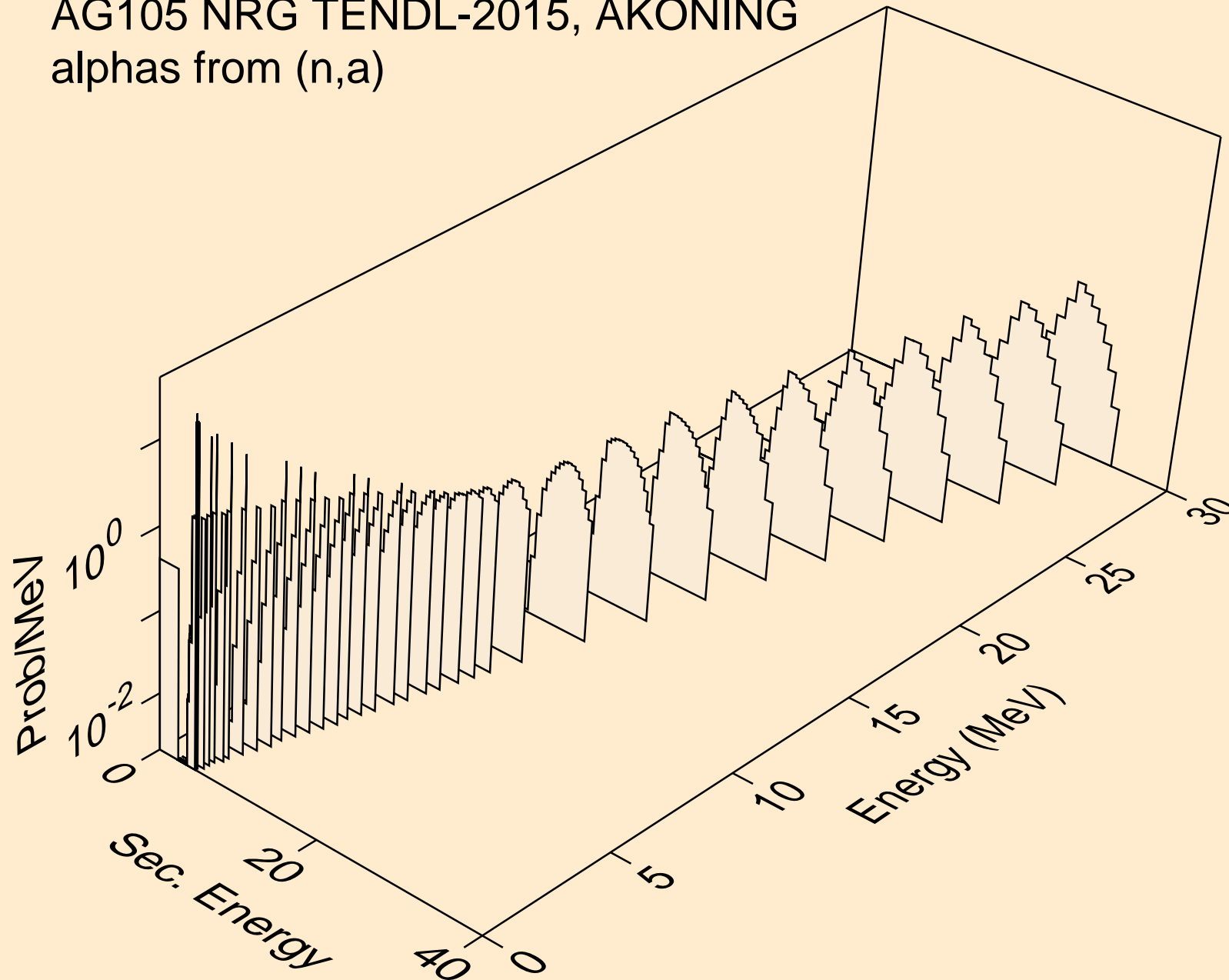
AG105 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



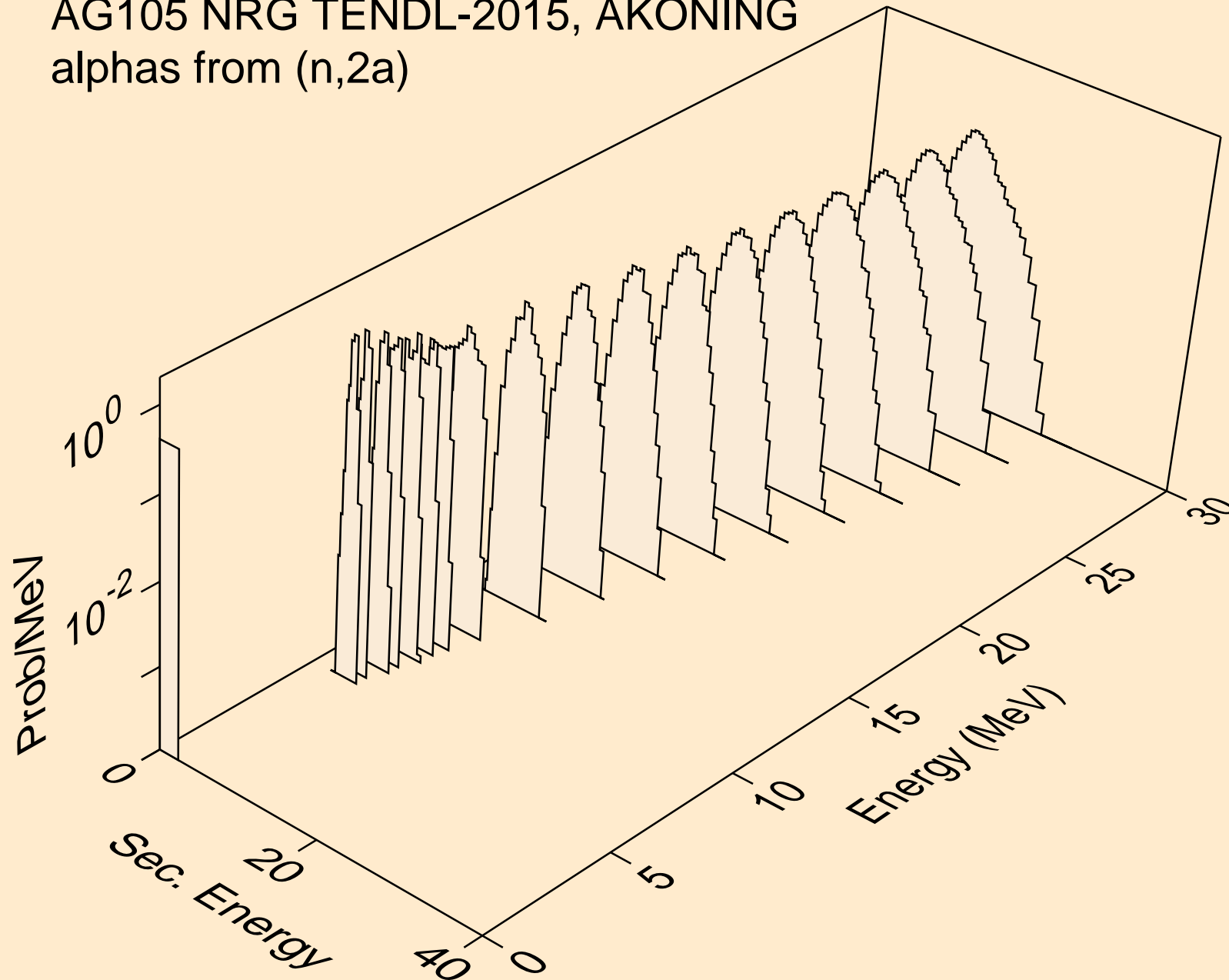
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alphas from (n,npa)



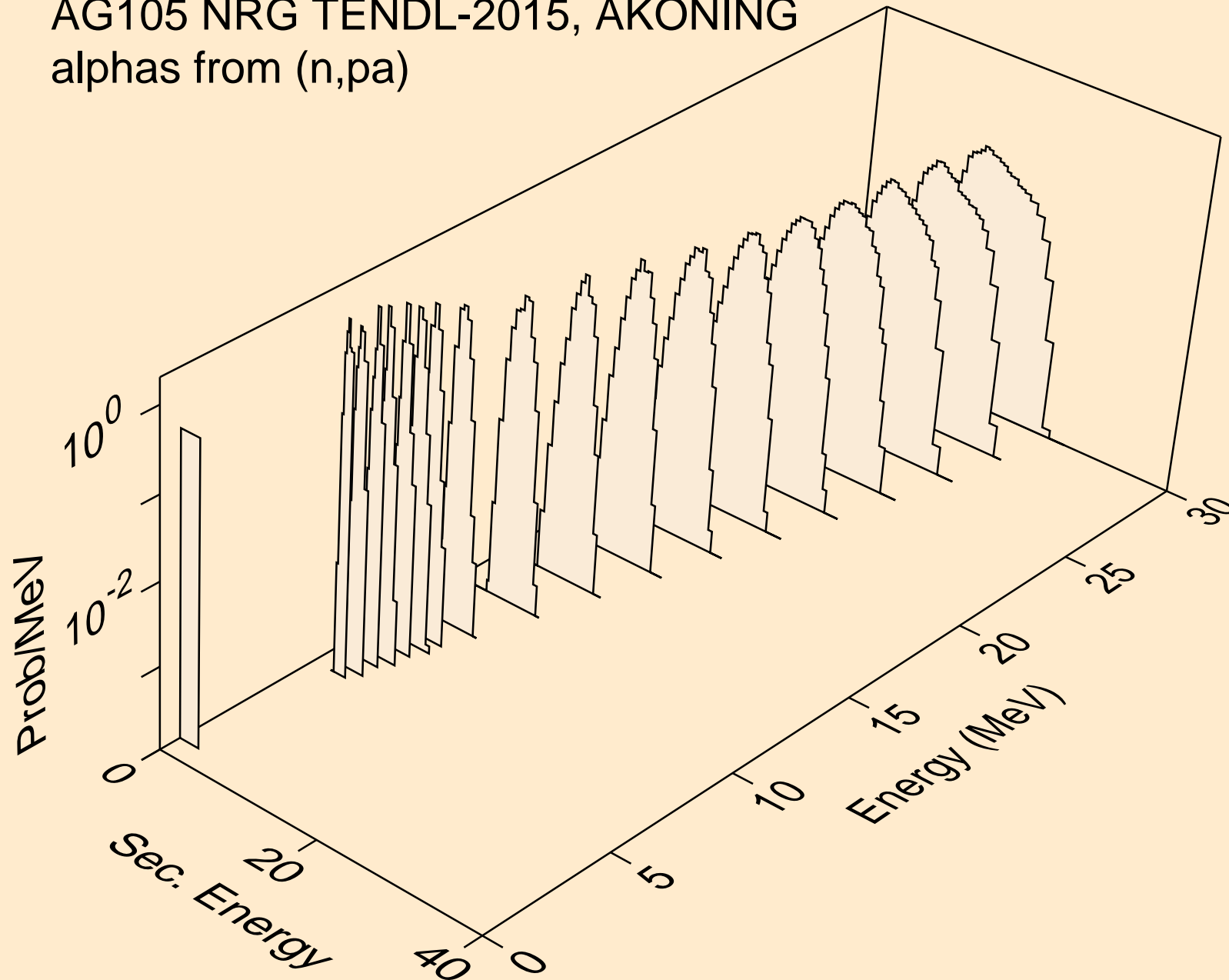
AG105 NRG TENDL-2015, AKONING  
alphas from (n,a)



AG105 NRG TENDL-2015, AKONING  
alphas from (n,2a)



AG105 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AG105 NRG TENDL-2015, AKONING  
alphas from (n,da)

