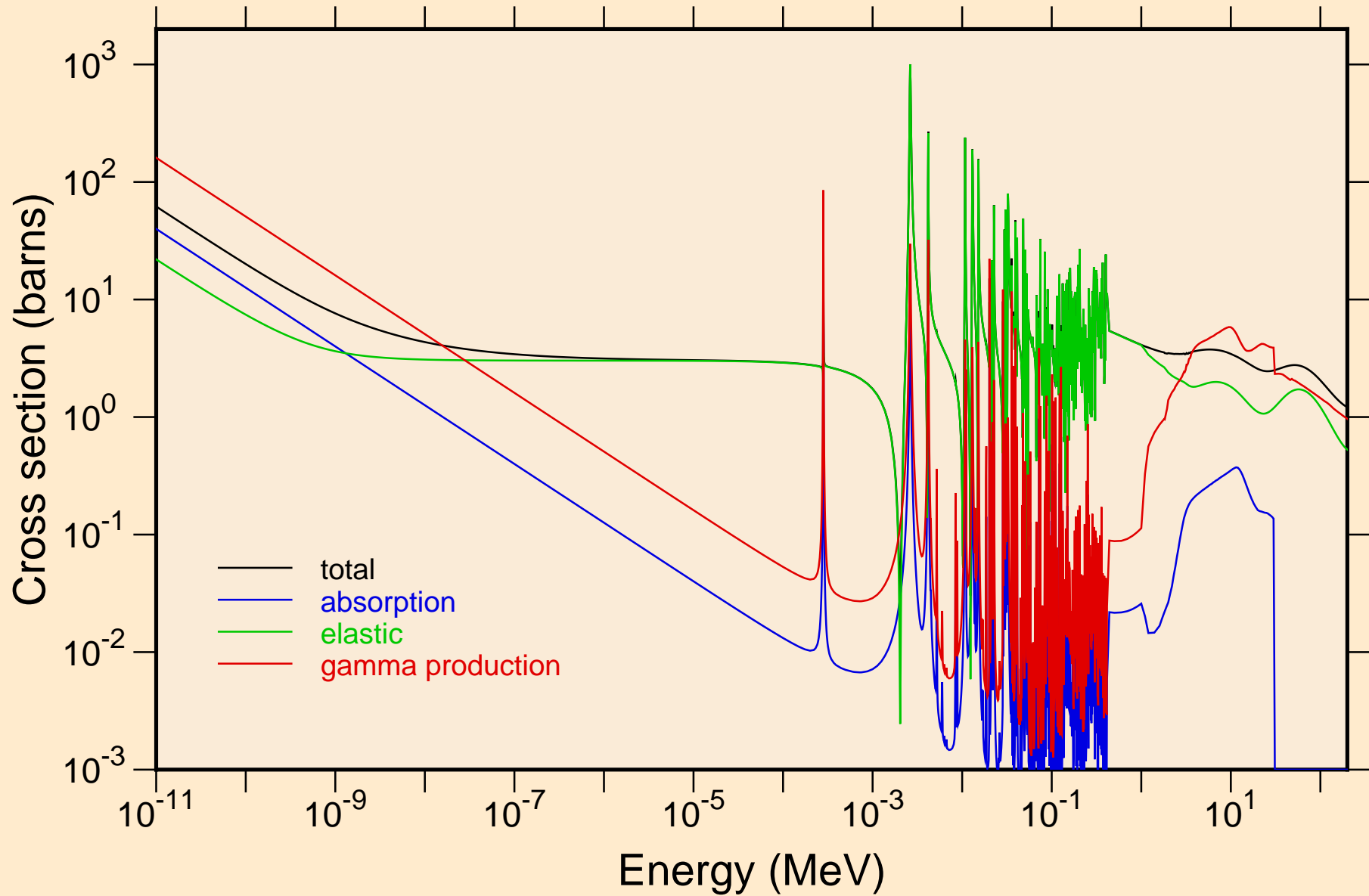
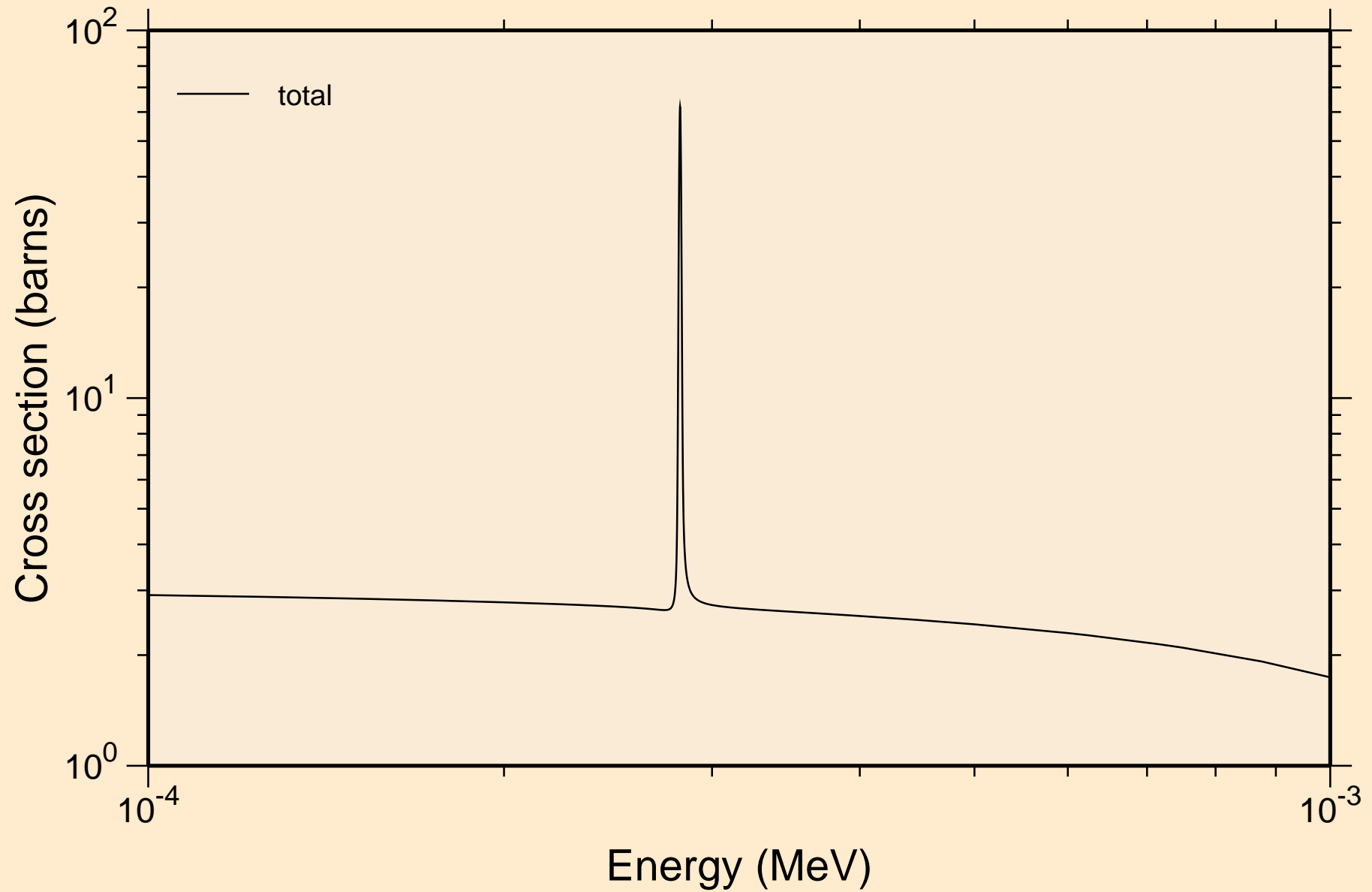


# ZN064 NRG TENDL-2016, AKONING

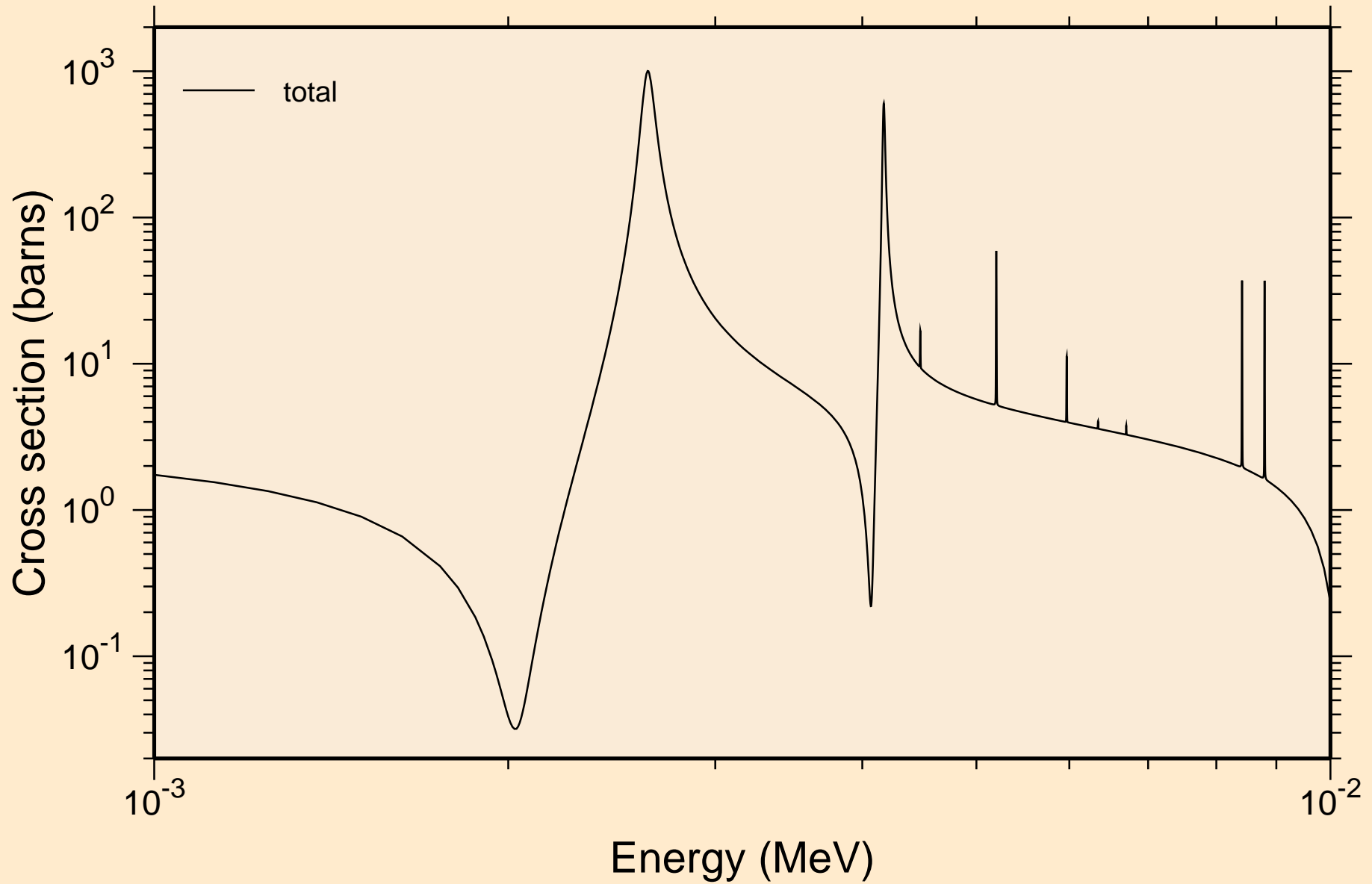
## Principal cross sections



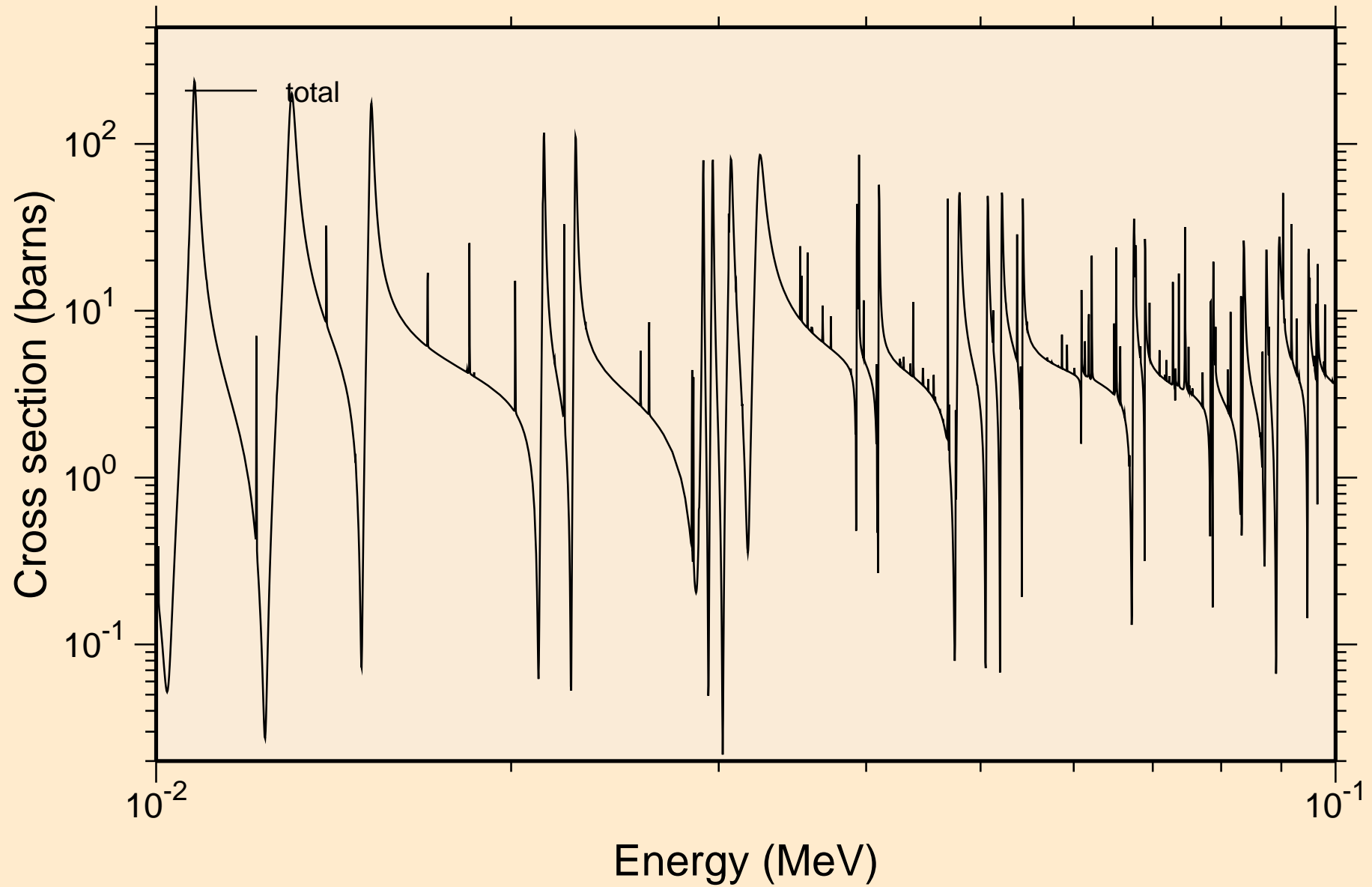
ZN064 NRG TENDL-2016, AKONING  
resonance total cross section



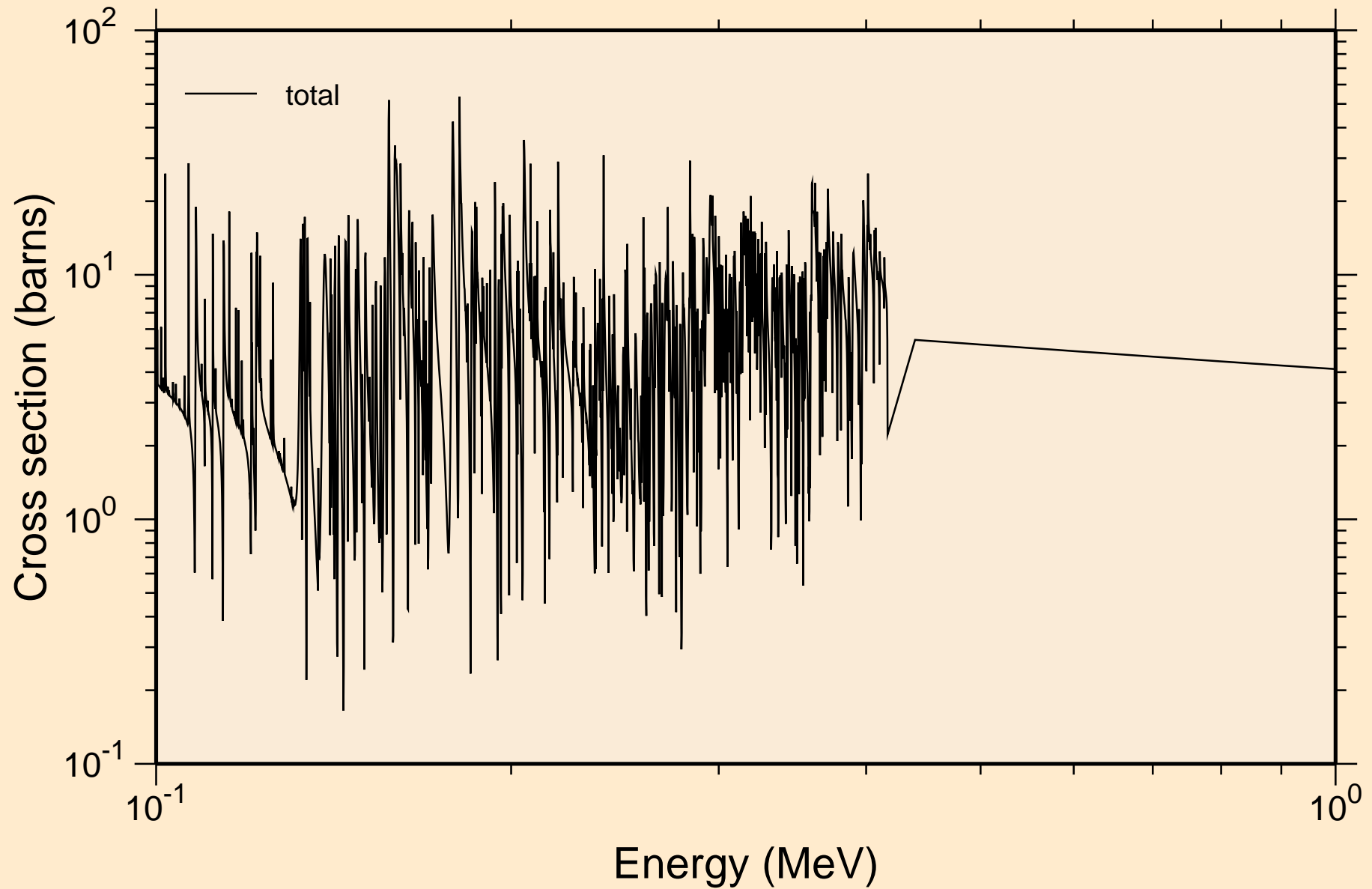
ZN064 NRG TENDL-2016, AKONING  
resonance total cross section



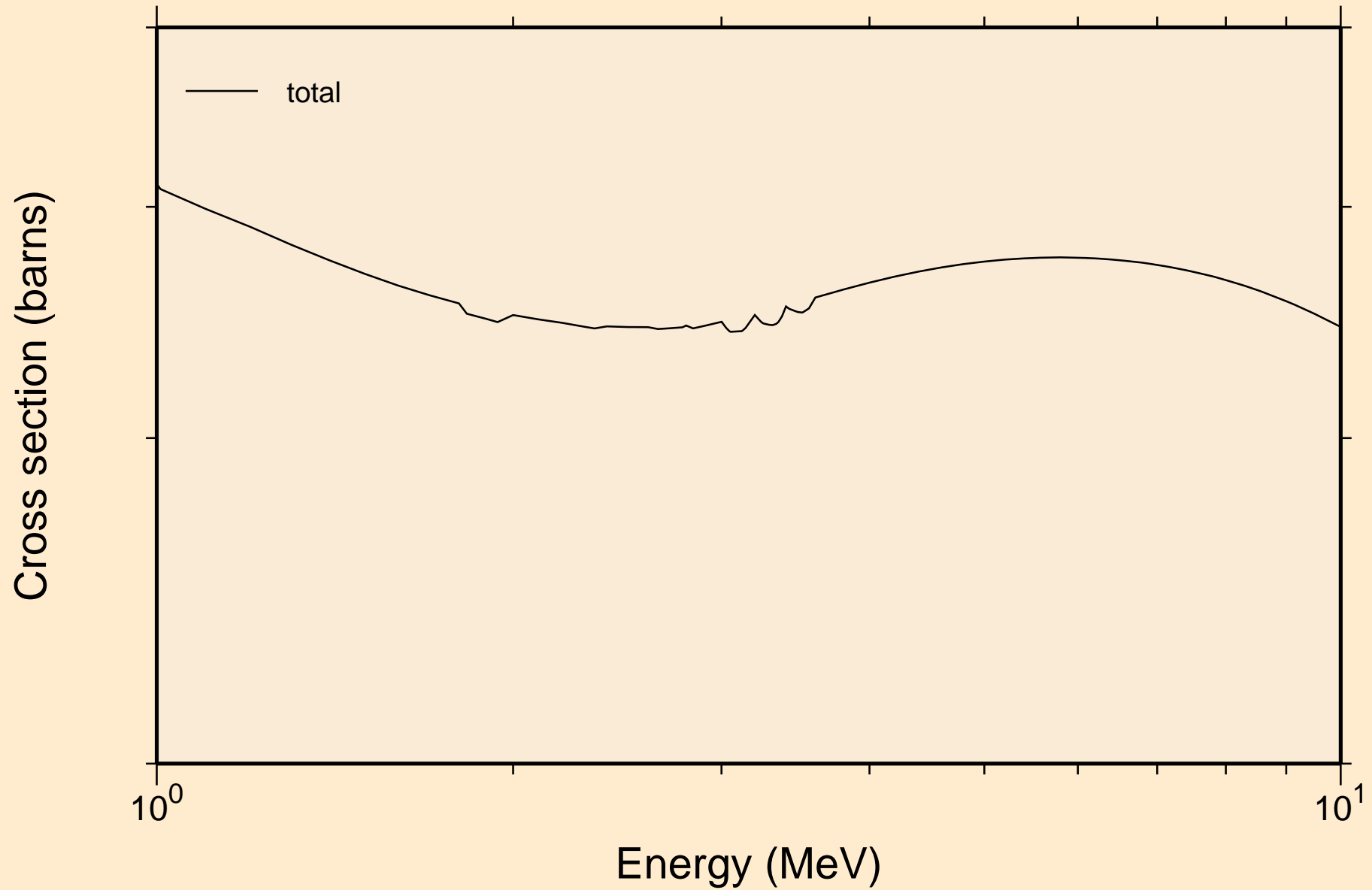
ZN064 NRG TENDL-2016, AKONING  
resonance total cross section



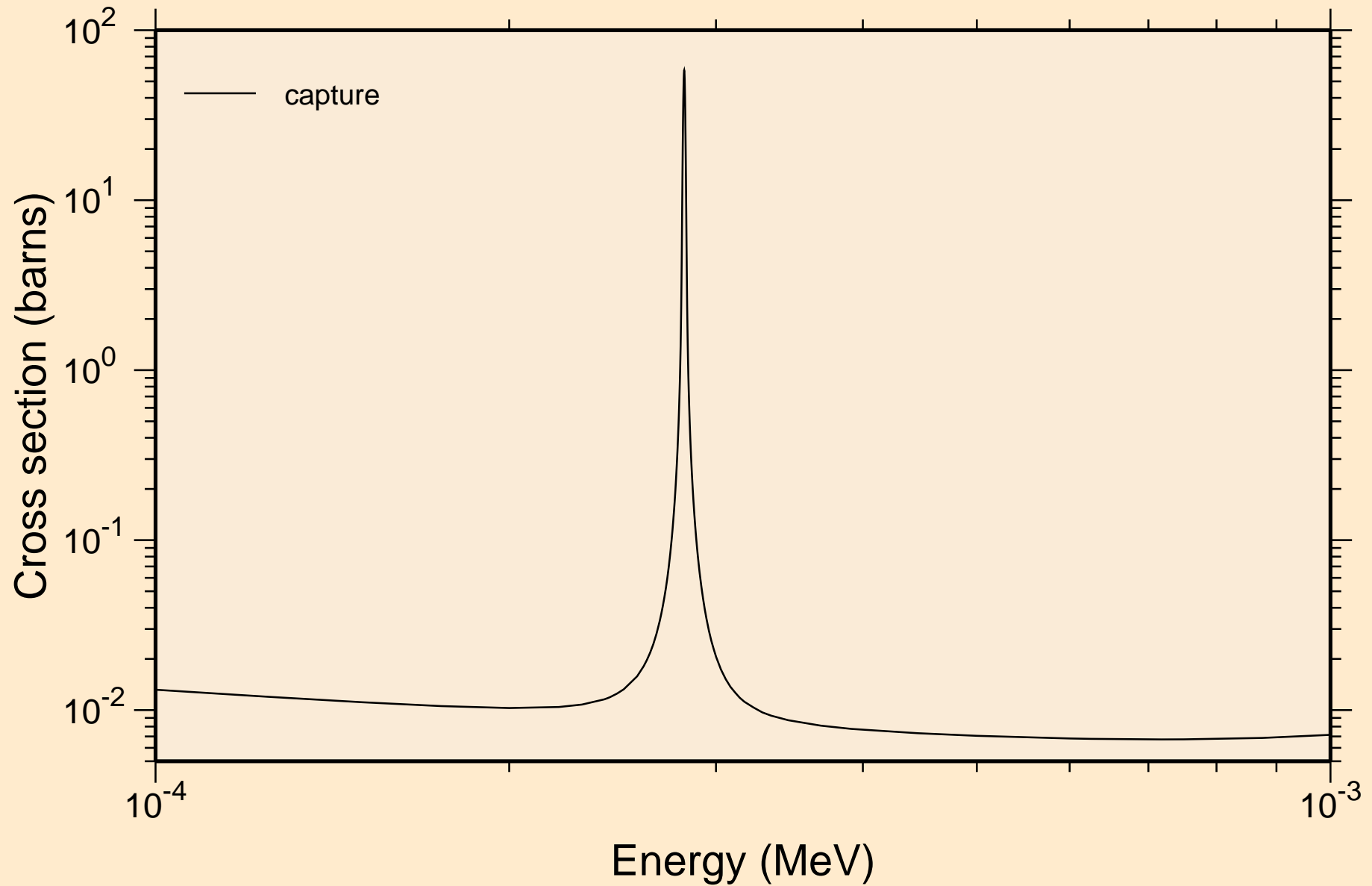
ZN064 NRG TENDL-2016, AKONING  
resonance total cross section



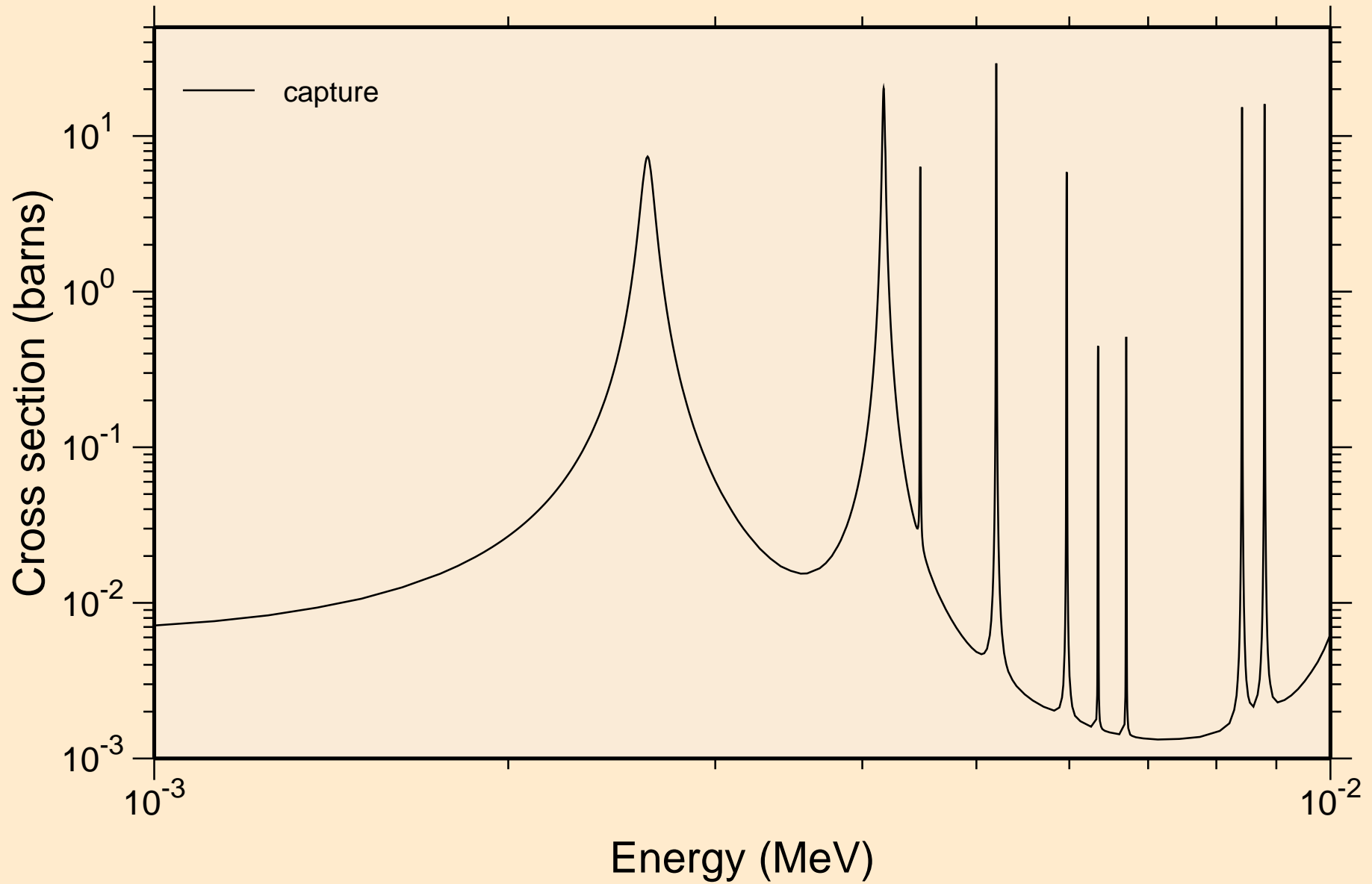
ZN064 NRG TENDL-2016, AKONING  
resonance total cross section



ZN064 NRG TENDL-2016, AKONING  
resonance absorption cross sections

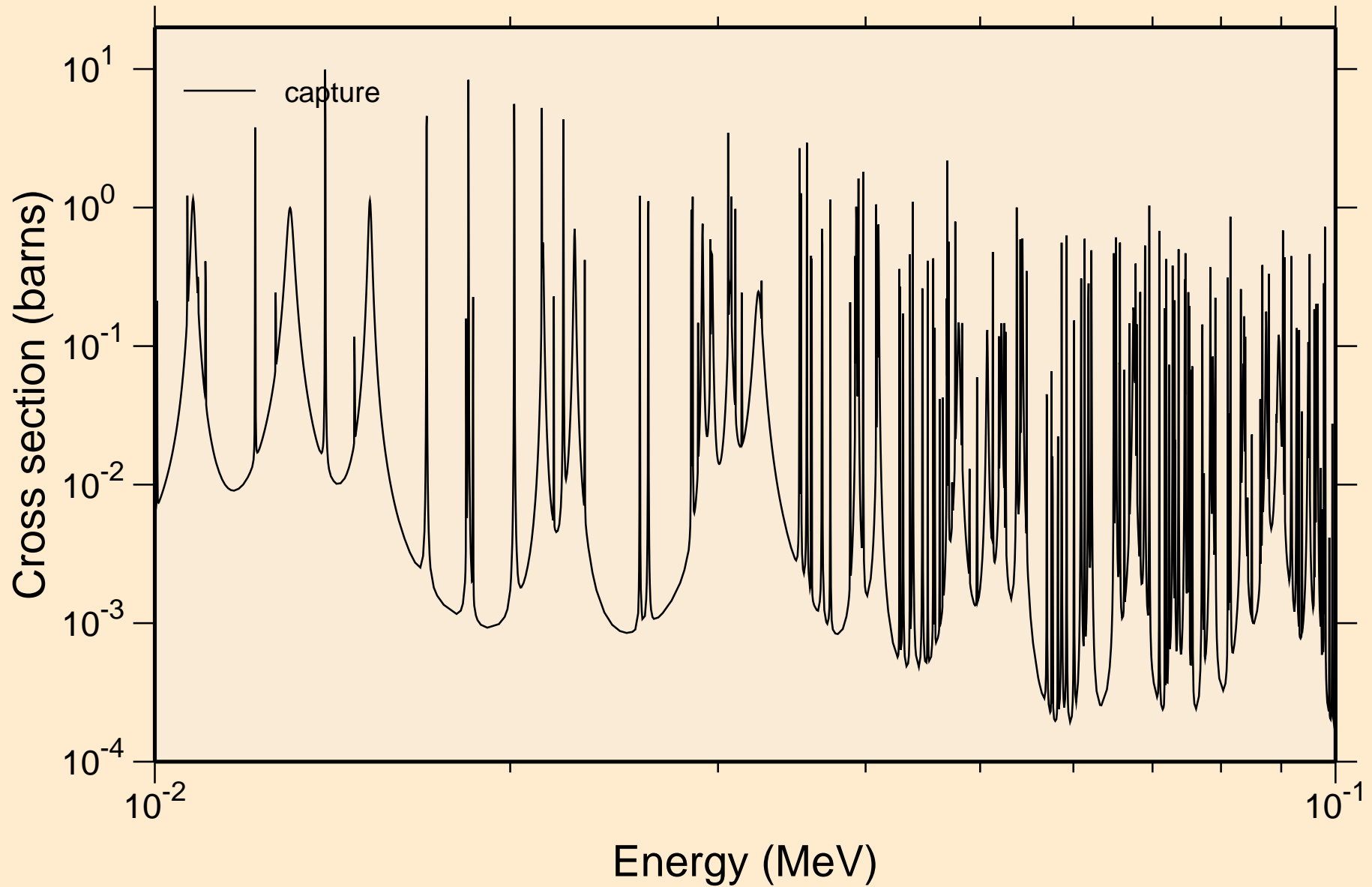


# ZN064 NRG TENDL-2016, AKONING resonance absorption cross sections

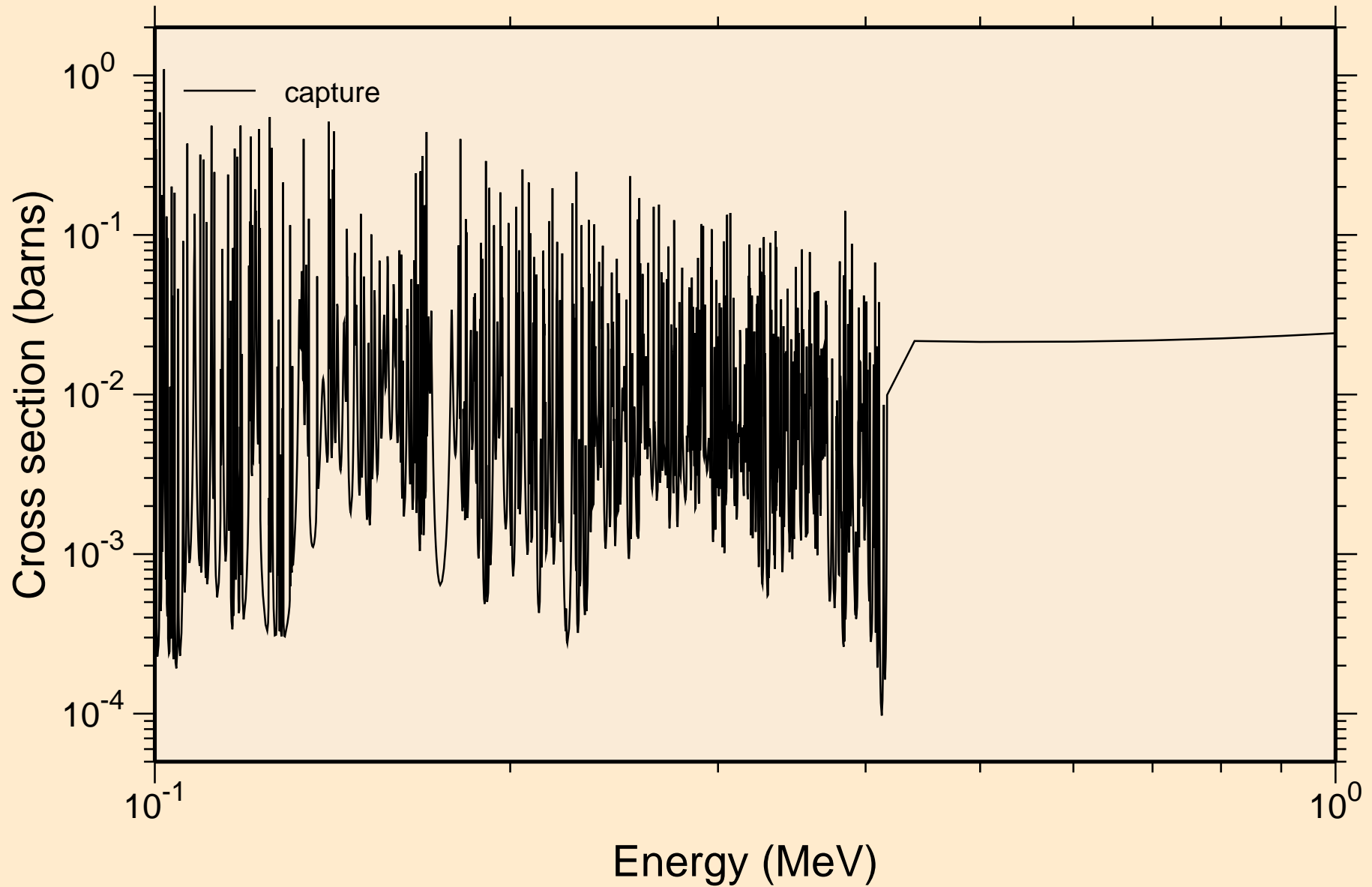




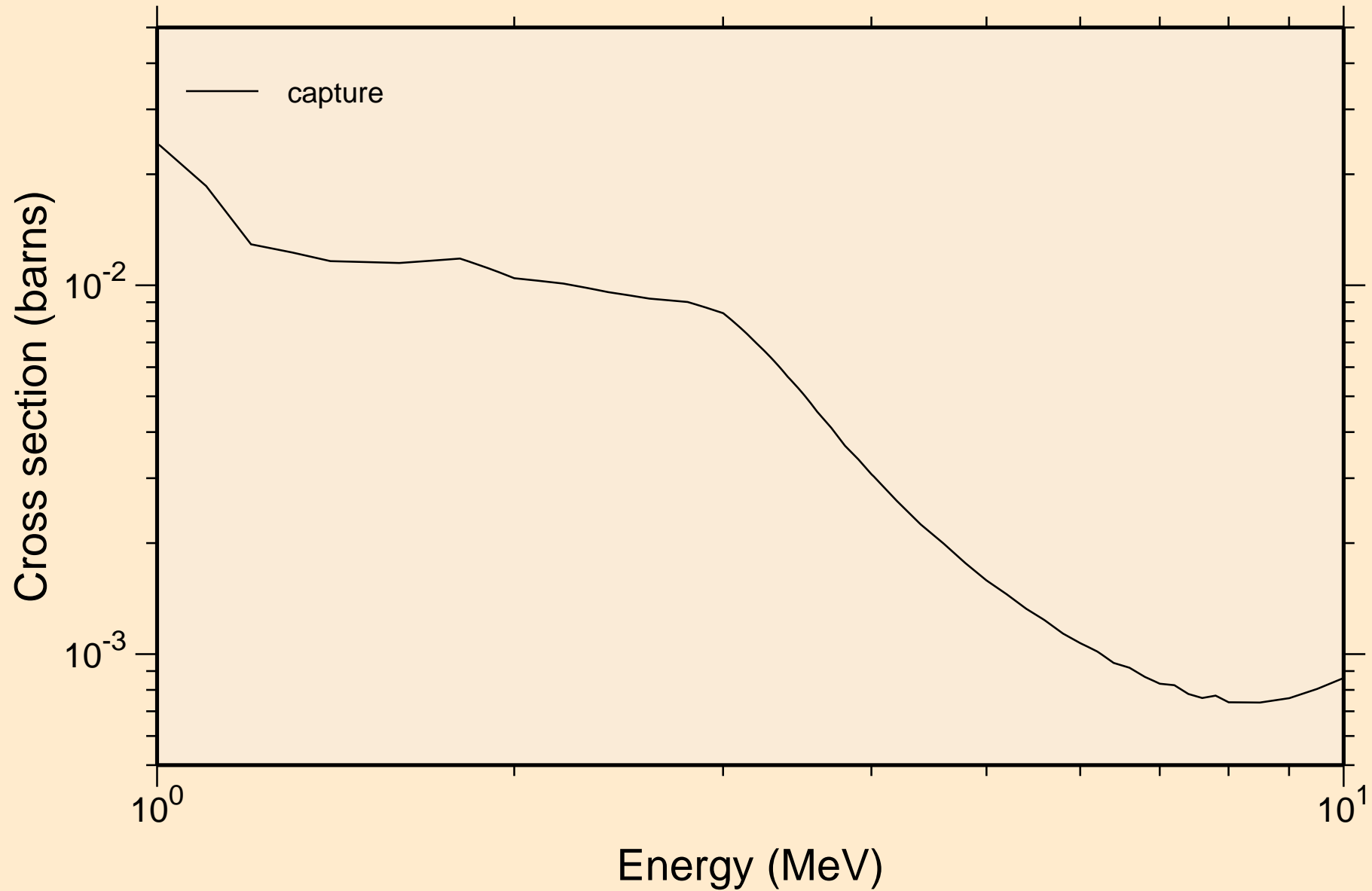
ZN064 NRG TENDL-2016, AKONING  
resonance absorption cross sections



ZN064 NRG TENDL-2016, AKONING  
resonance absorption cross sections

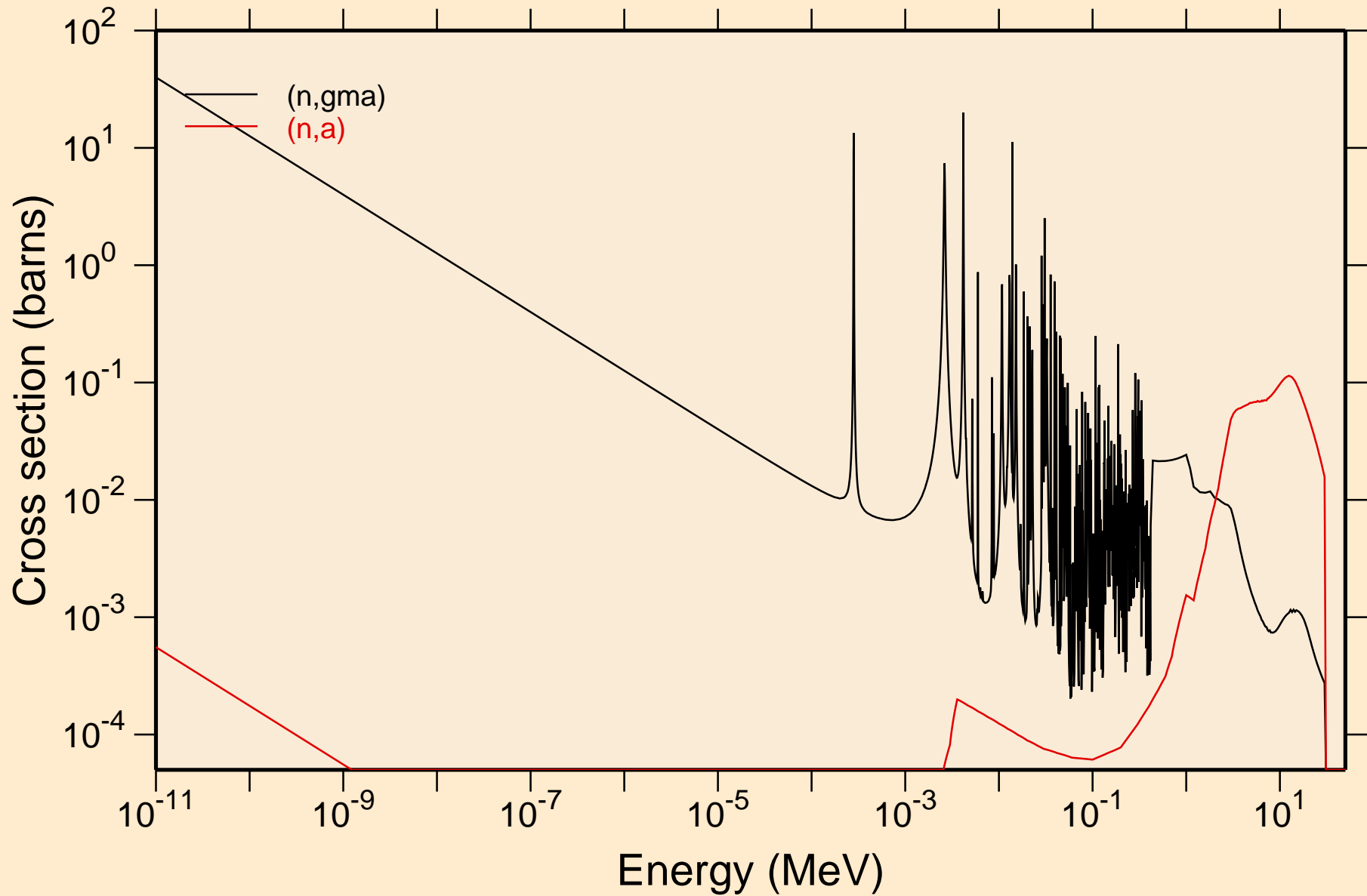


ZN064 NRG TENDL-2016, AKONING  
resonance absorption cross sections



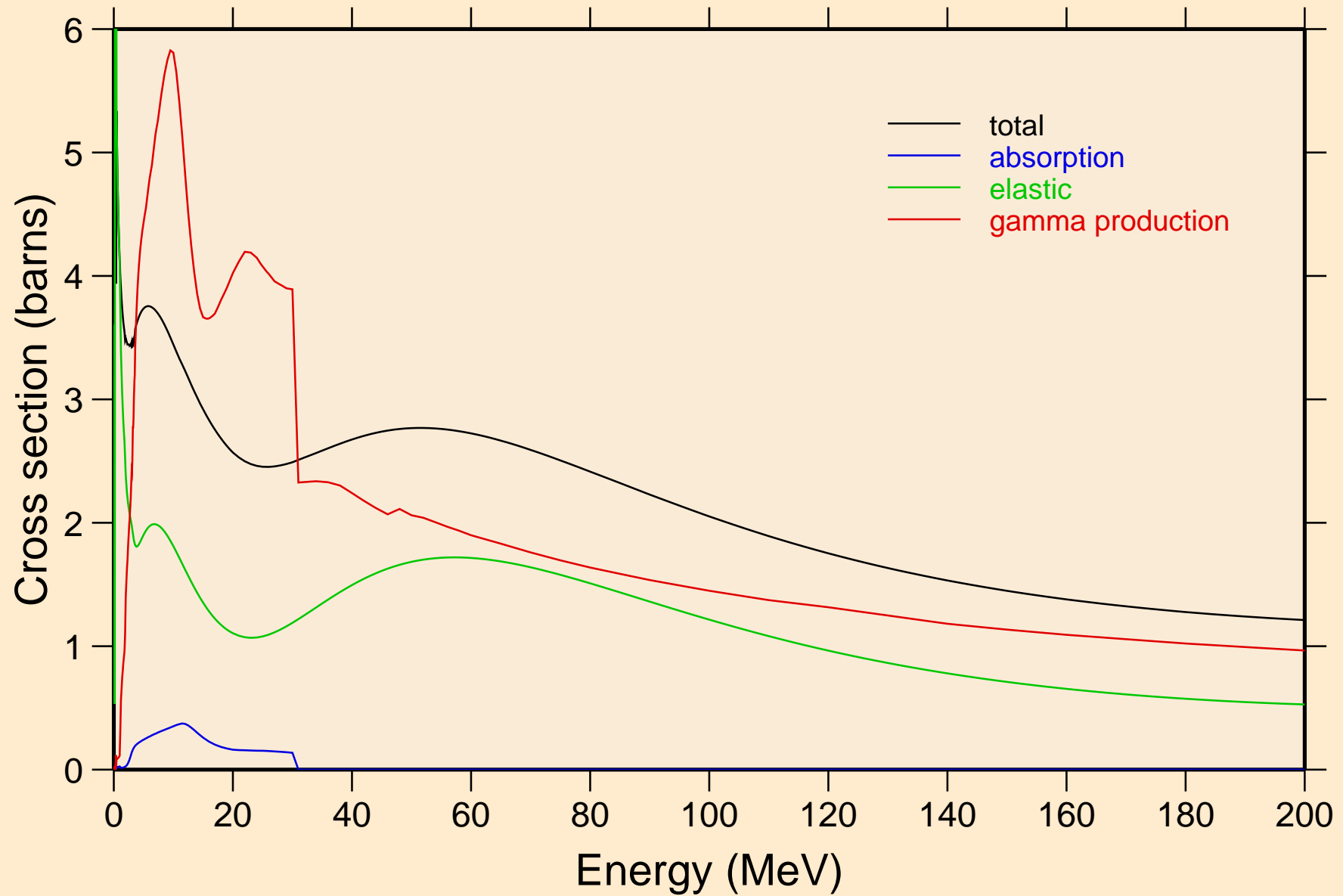
# ZN064 NRG TENDL-2016, AKONING

## Non-threshold reactions

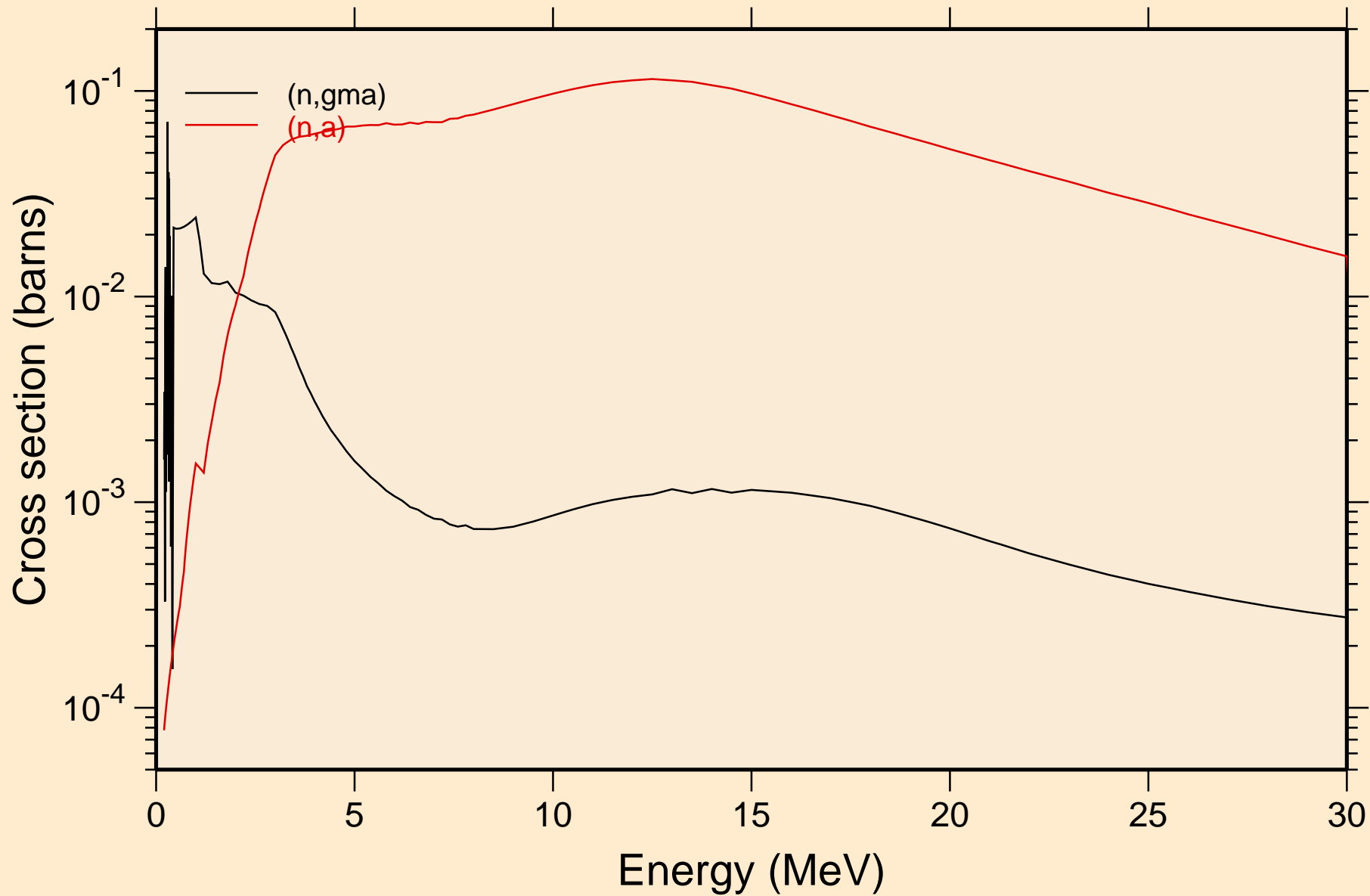


# ZN064 NRG TENDL-2016, AKONING

## Principal cross sections

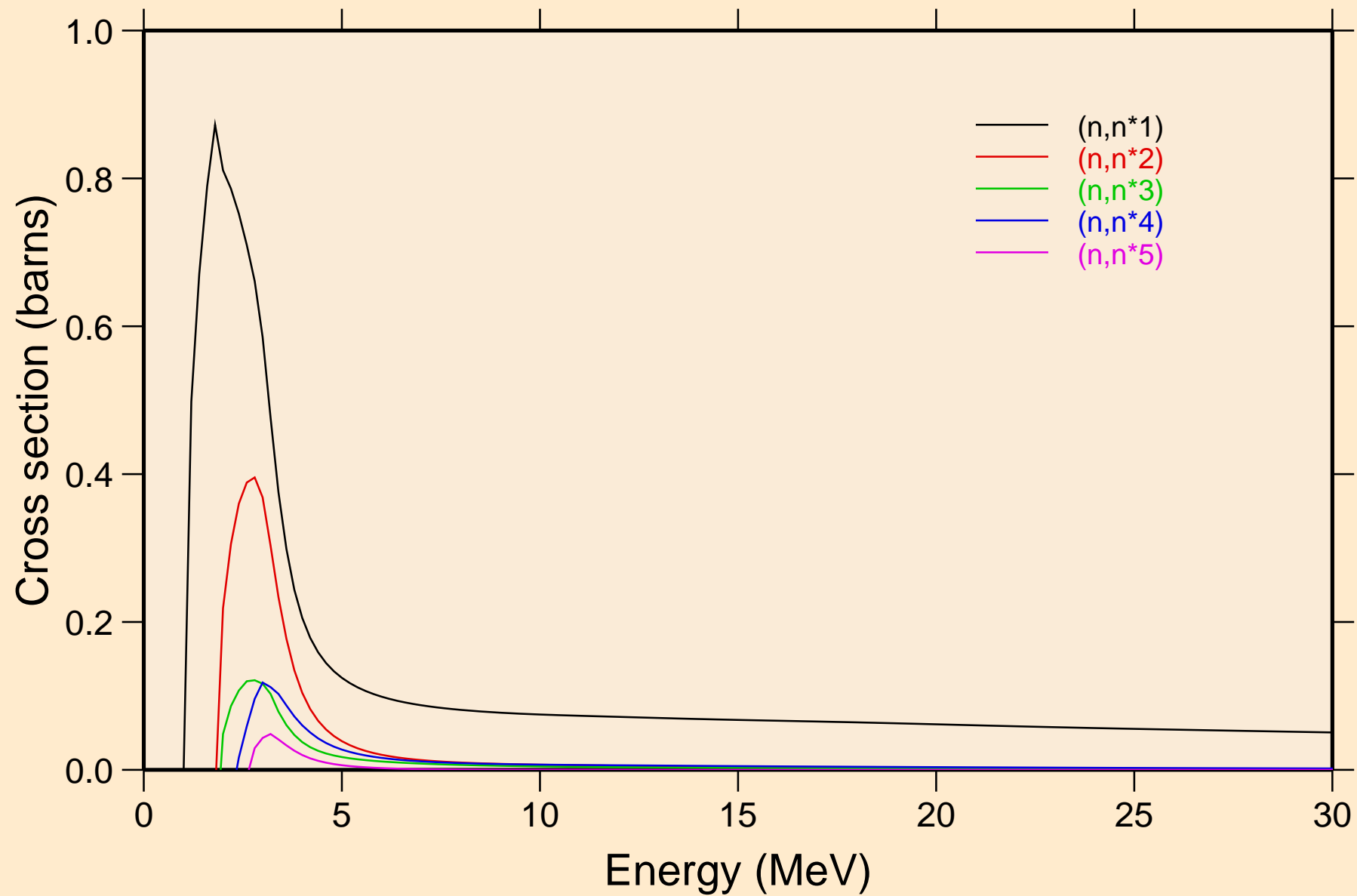


ZN064 NRG TENDL-2016, AKONING  
Non-threshold reactions



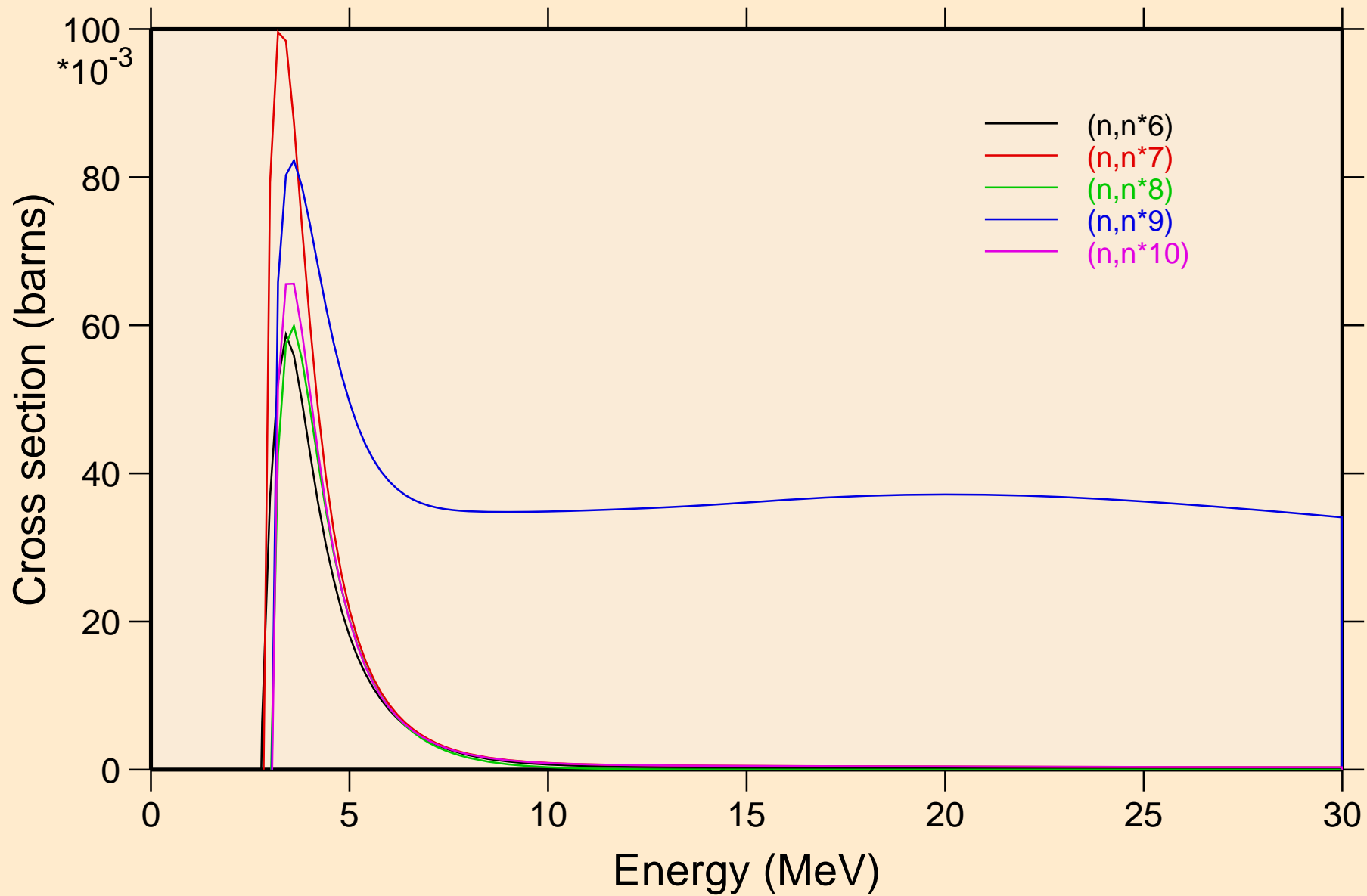
# ZN064 NRG TENDL-2016, AKONING

## Inelastic levels



# ZN064 NRG TENDL-2016, AKONING

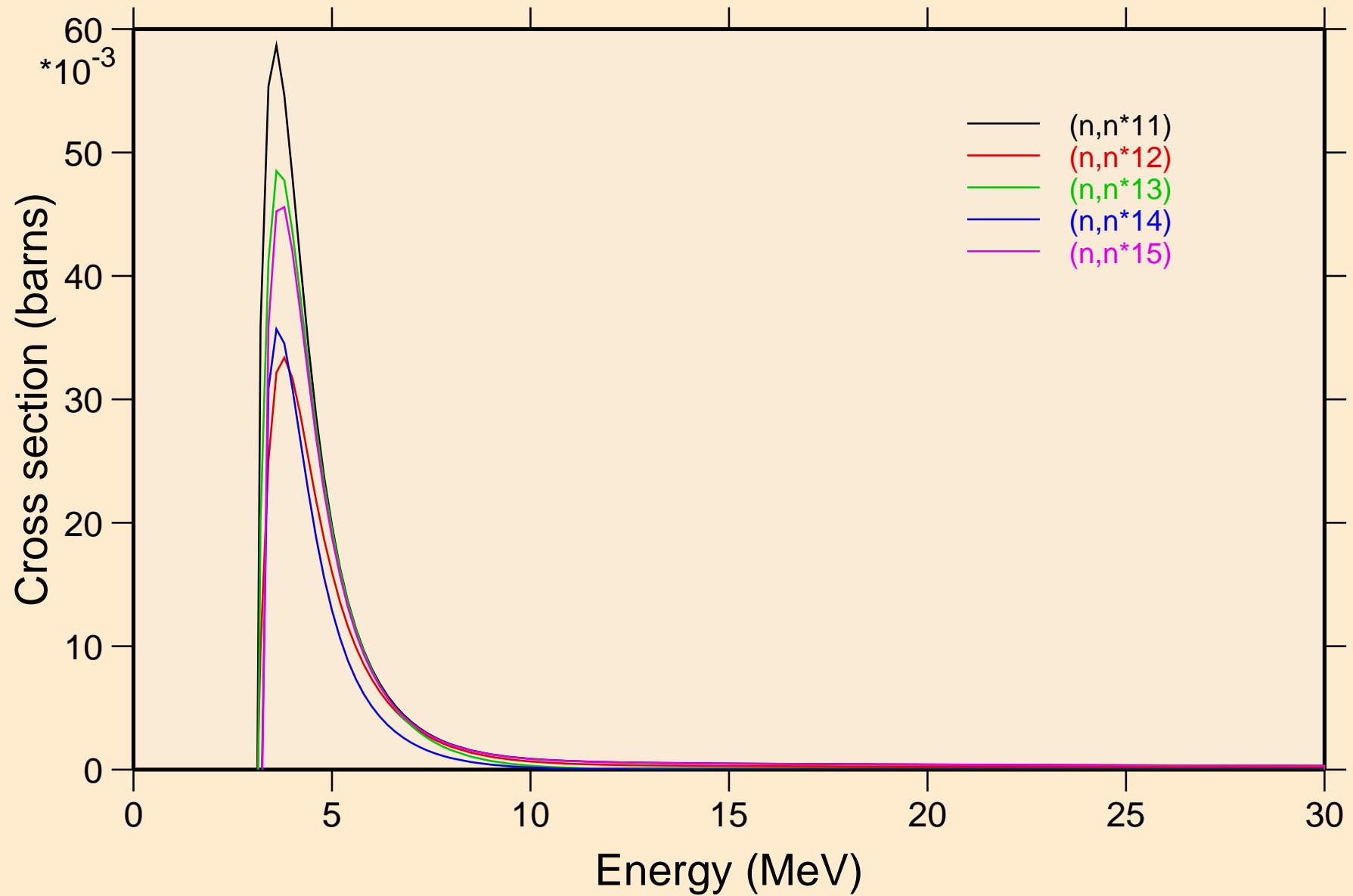
## Inelastic levels





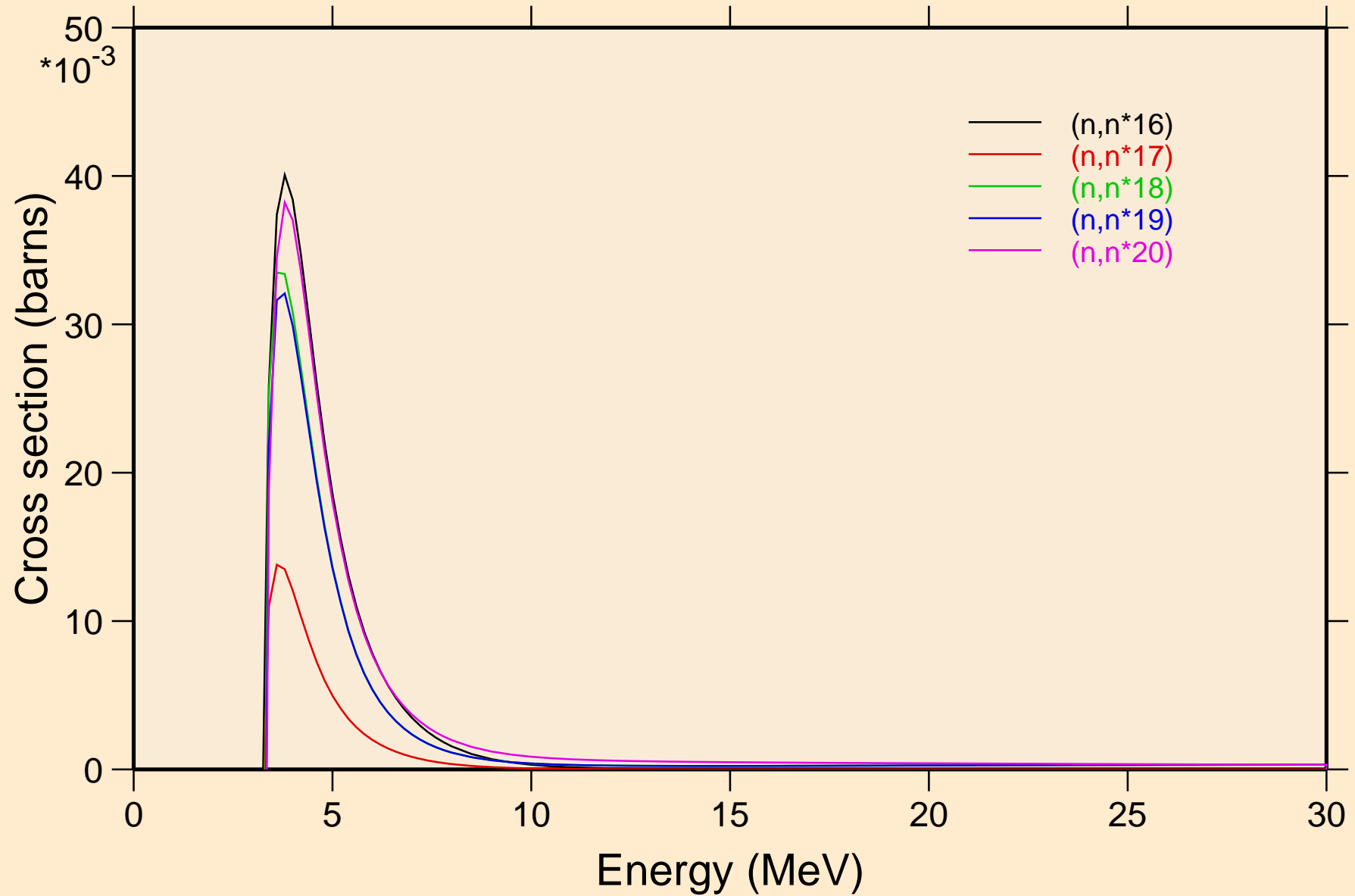
# ZN064 NRG TENDL-2016, AKONING

## Inelastic levels



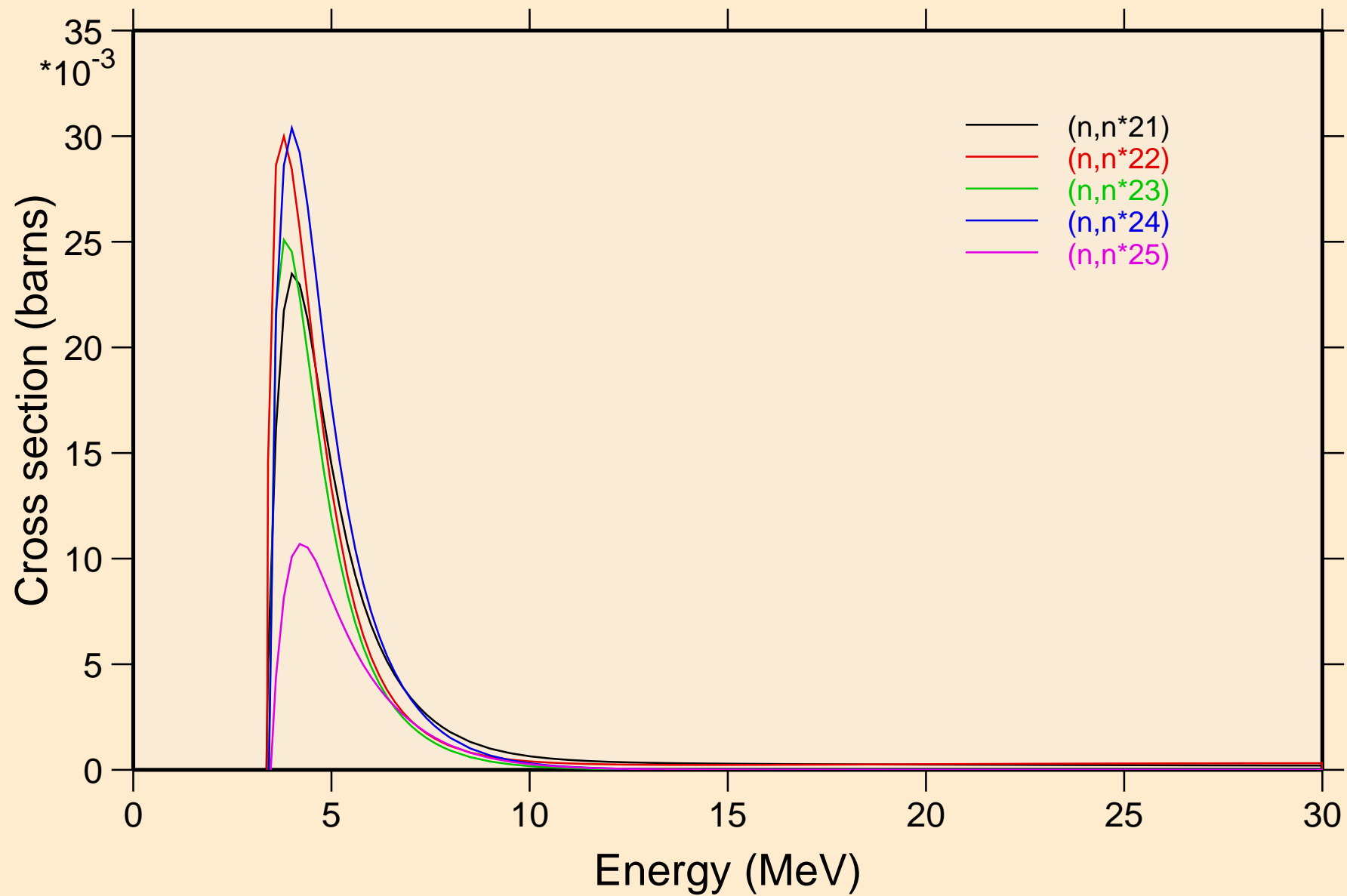
# ZN064 NRG TENDL-2016, AKONING

## Inelastic levels



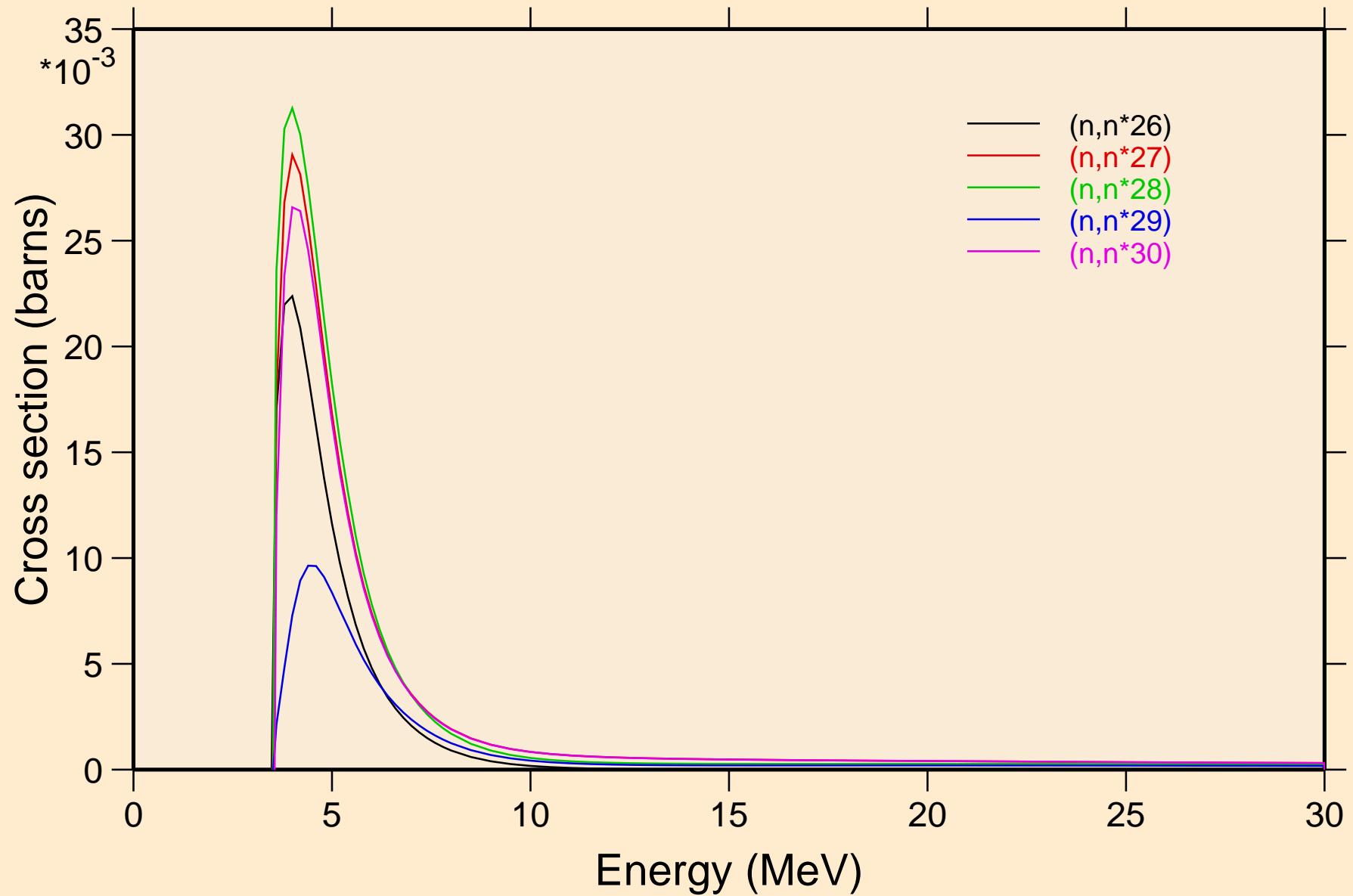
# ZN064 NRG TENDL-2016, AKONING

## Inelastic levels



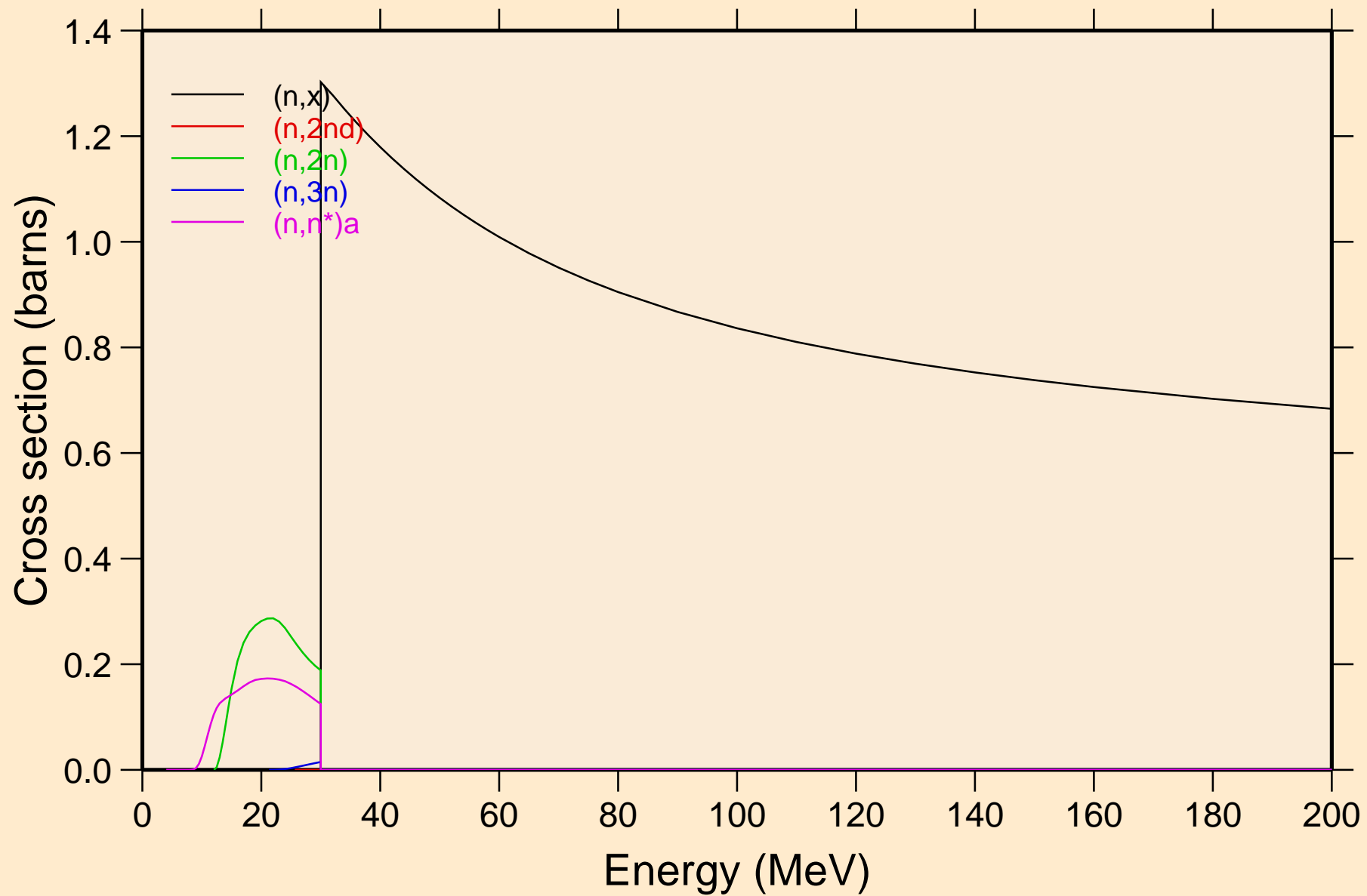
# ZN064 NRG TENDL-2016, AKONING

## Inelastic levels



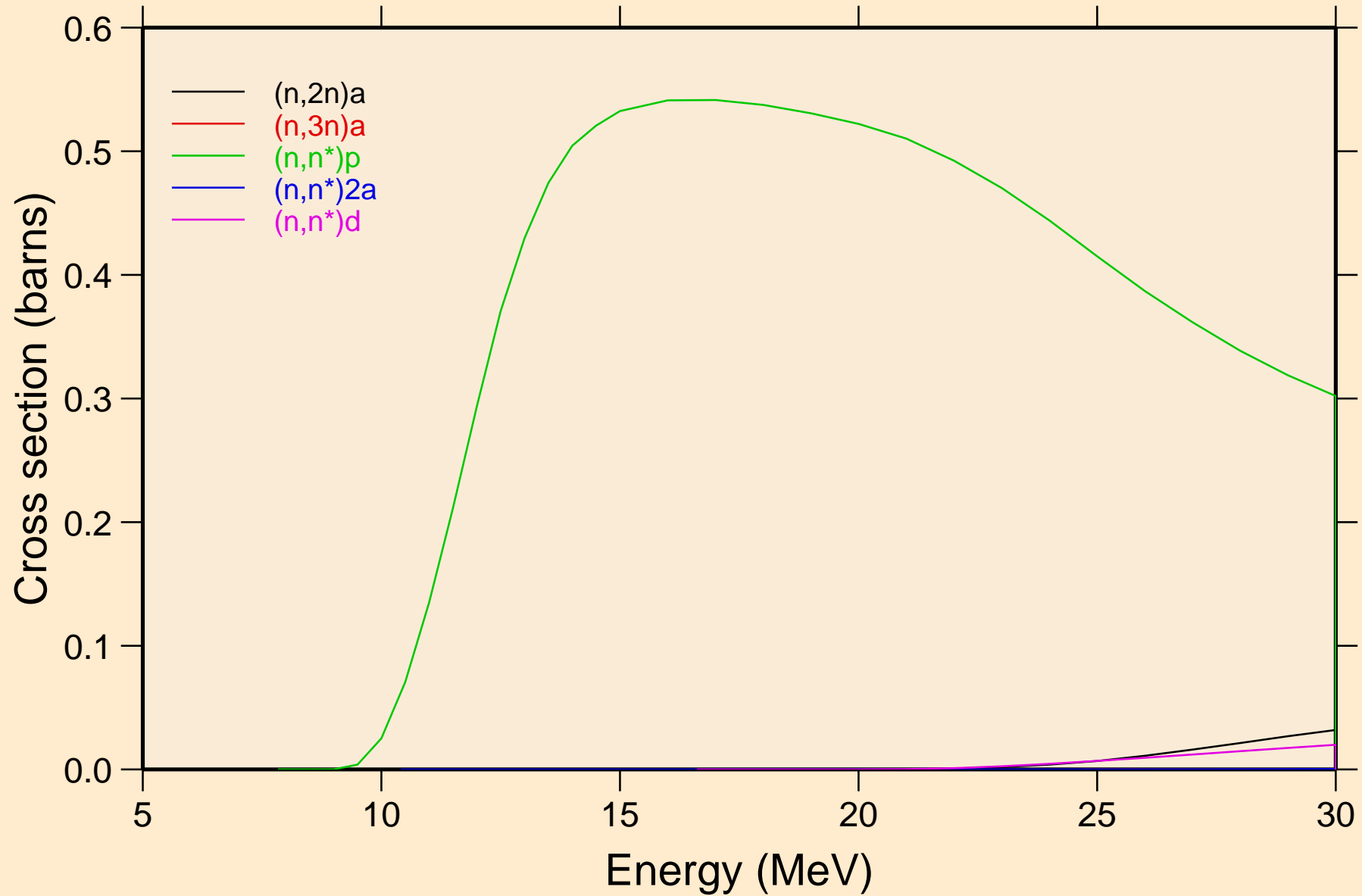
# ZN064 NRG TENDL-2016, AKONING

## Threshold reactions



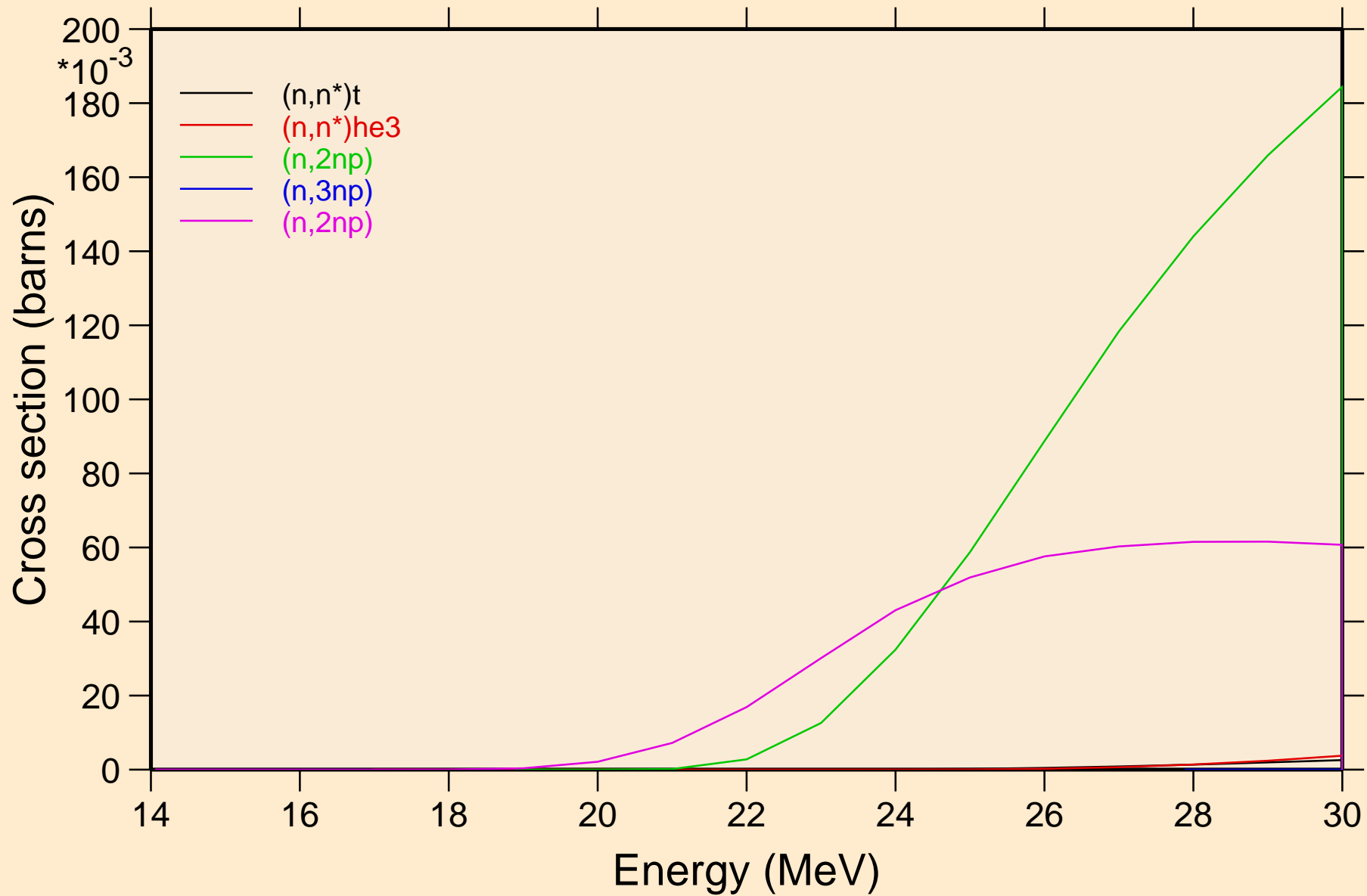
# ZN064 NRG TENDL-2016, AKONING

## Threshold reactions



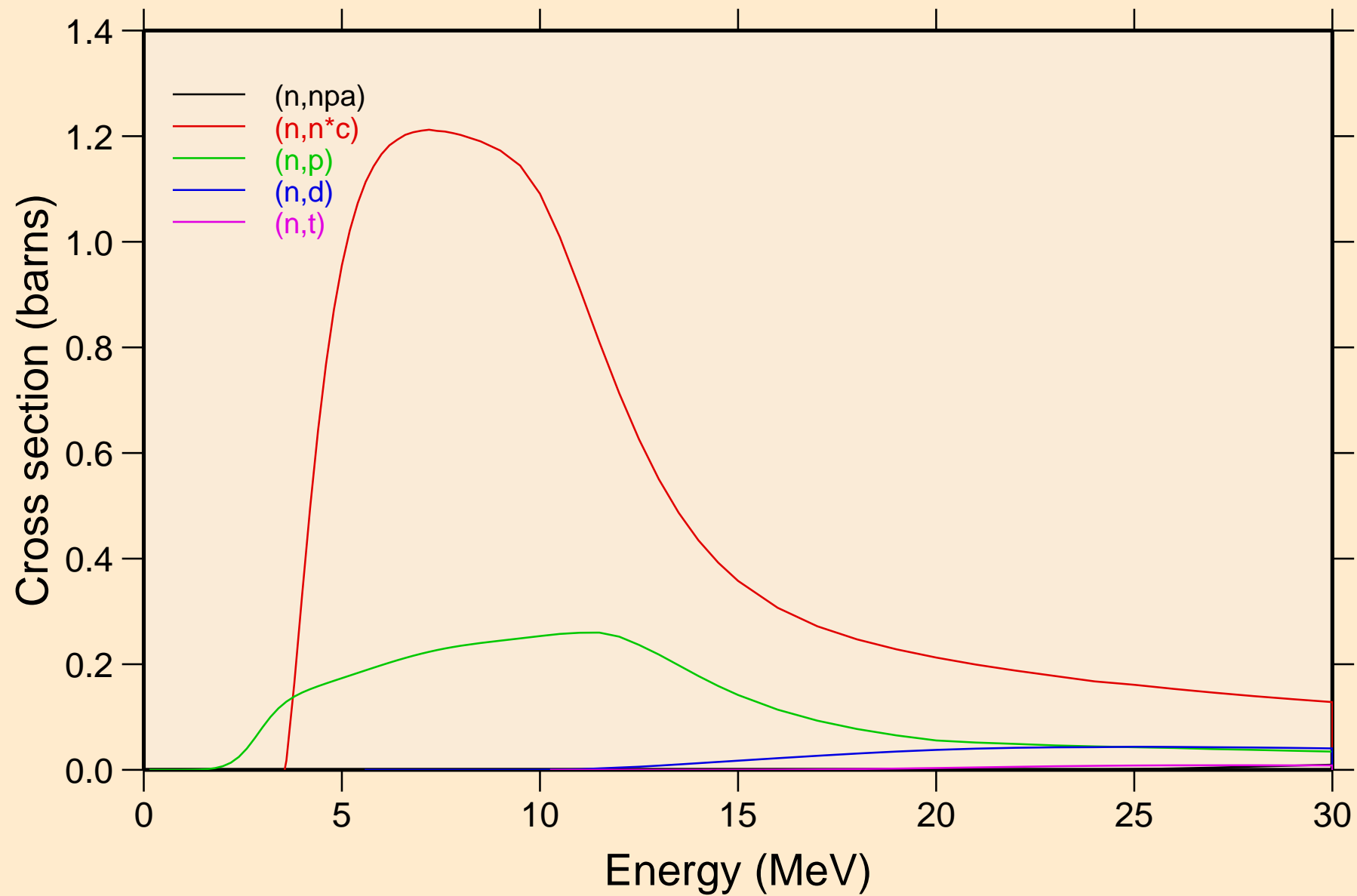
# ZN064 NRG TENDL-2016, AKONING

## Threshold reactions



# ZN064 NRG TENDL-2016, AKONING

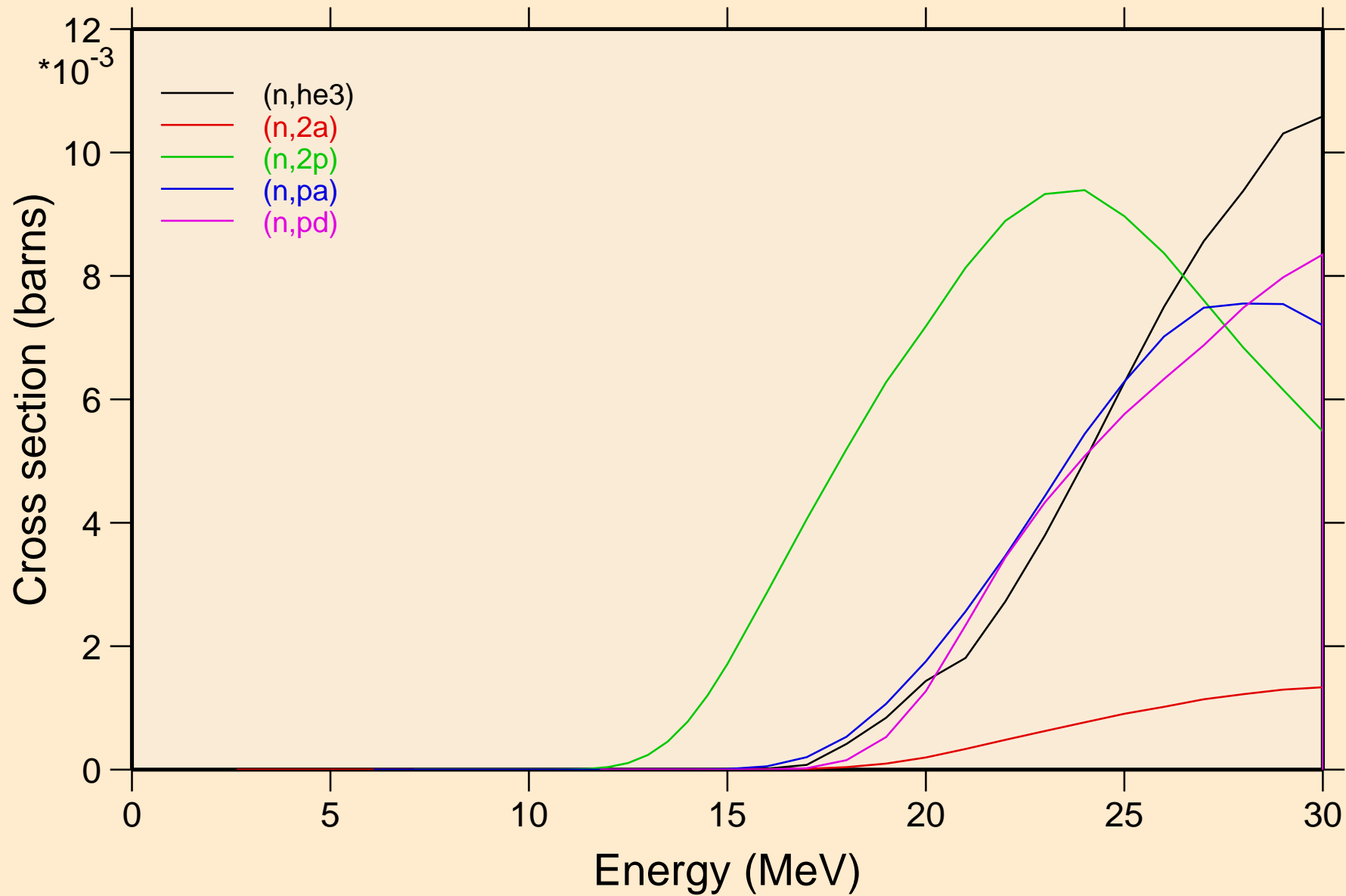
## Threshold reactions





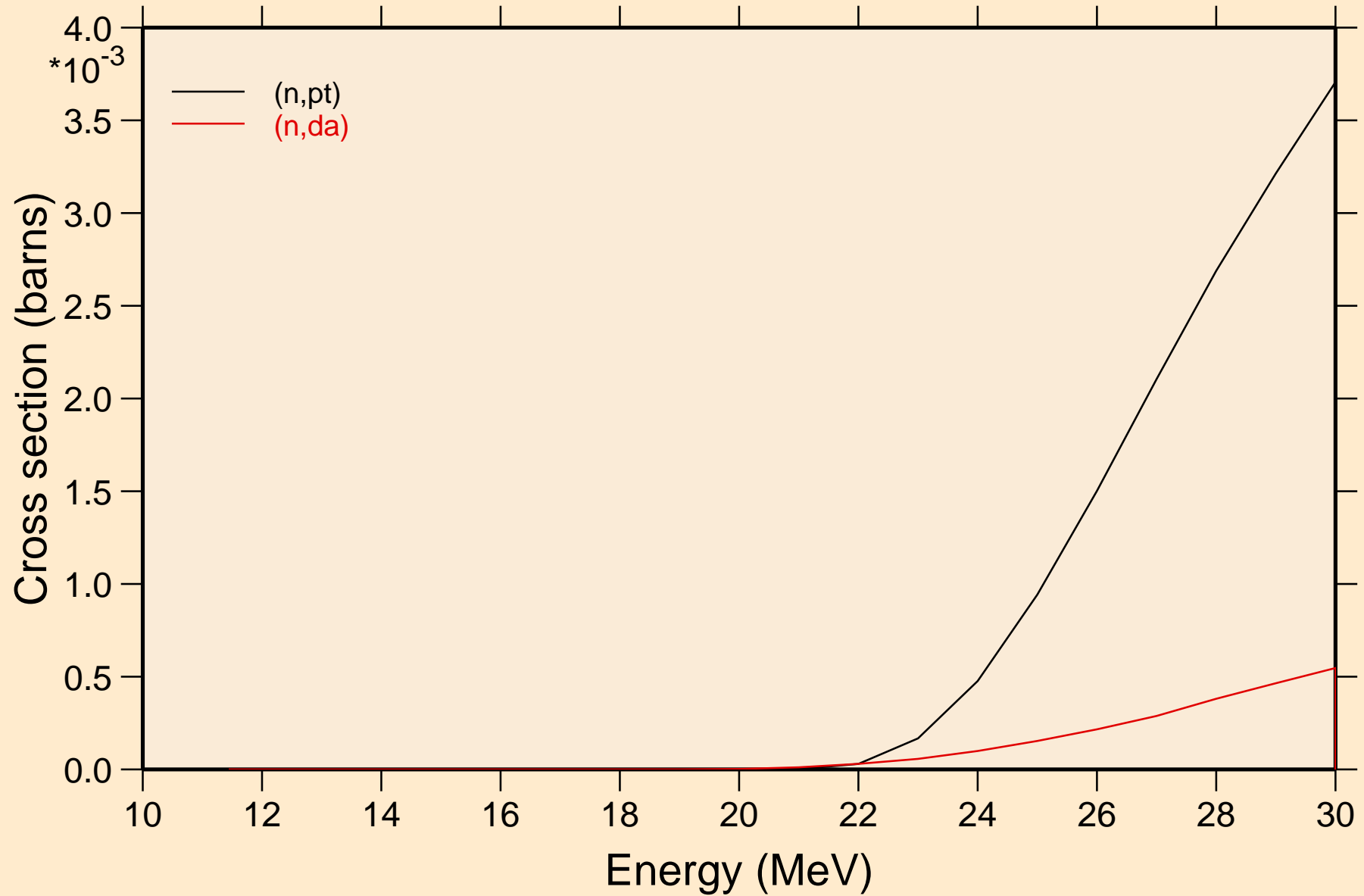
# ZN064 NRG TENDL-2016, AKONING

## Threshold reactions

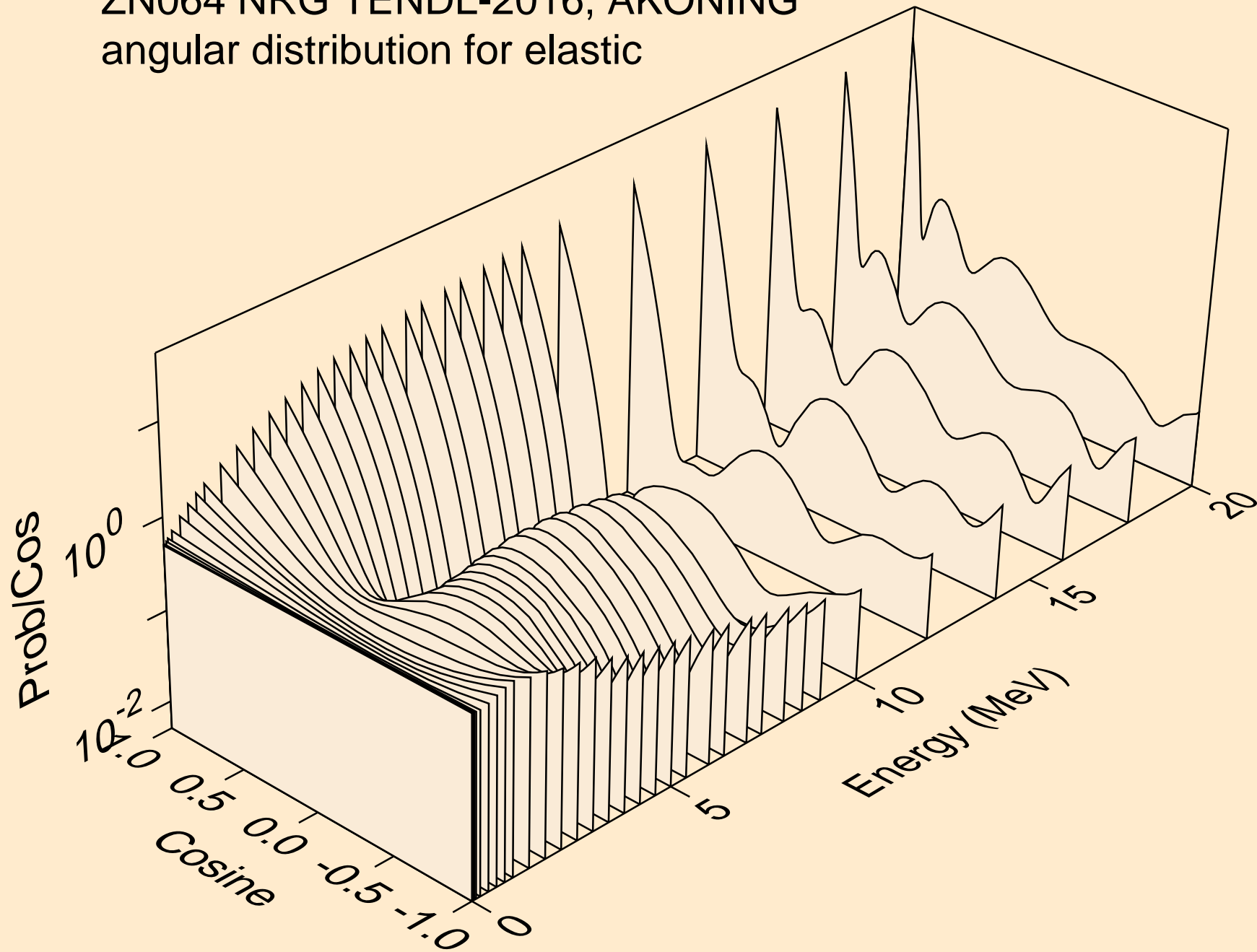


# ZN064 NRG TENDL-2016, AKONING

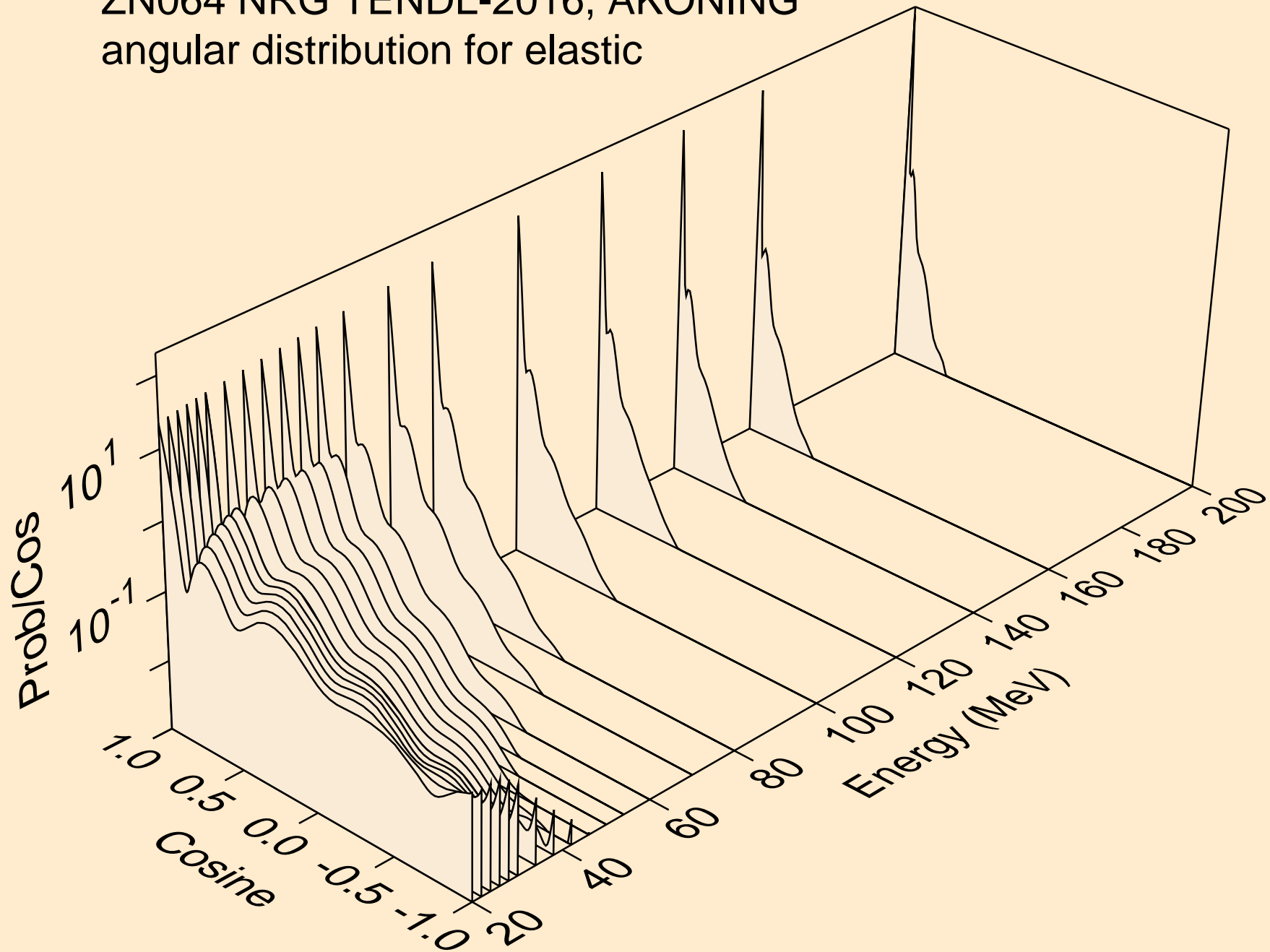
## Threshold reactions



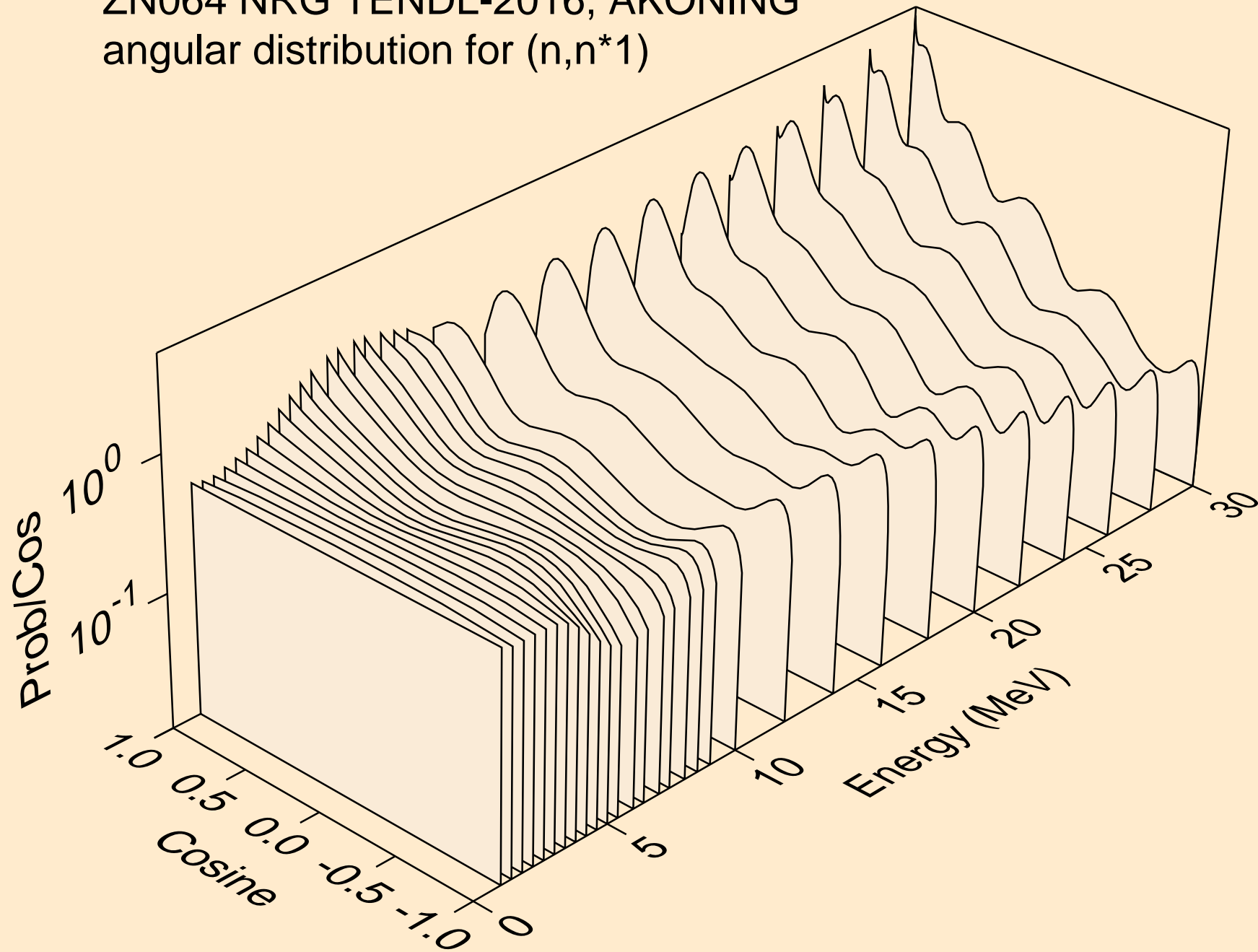
ZN064 NRG TENDL-2016, AKONING  
angular distribution for elastic



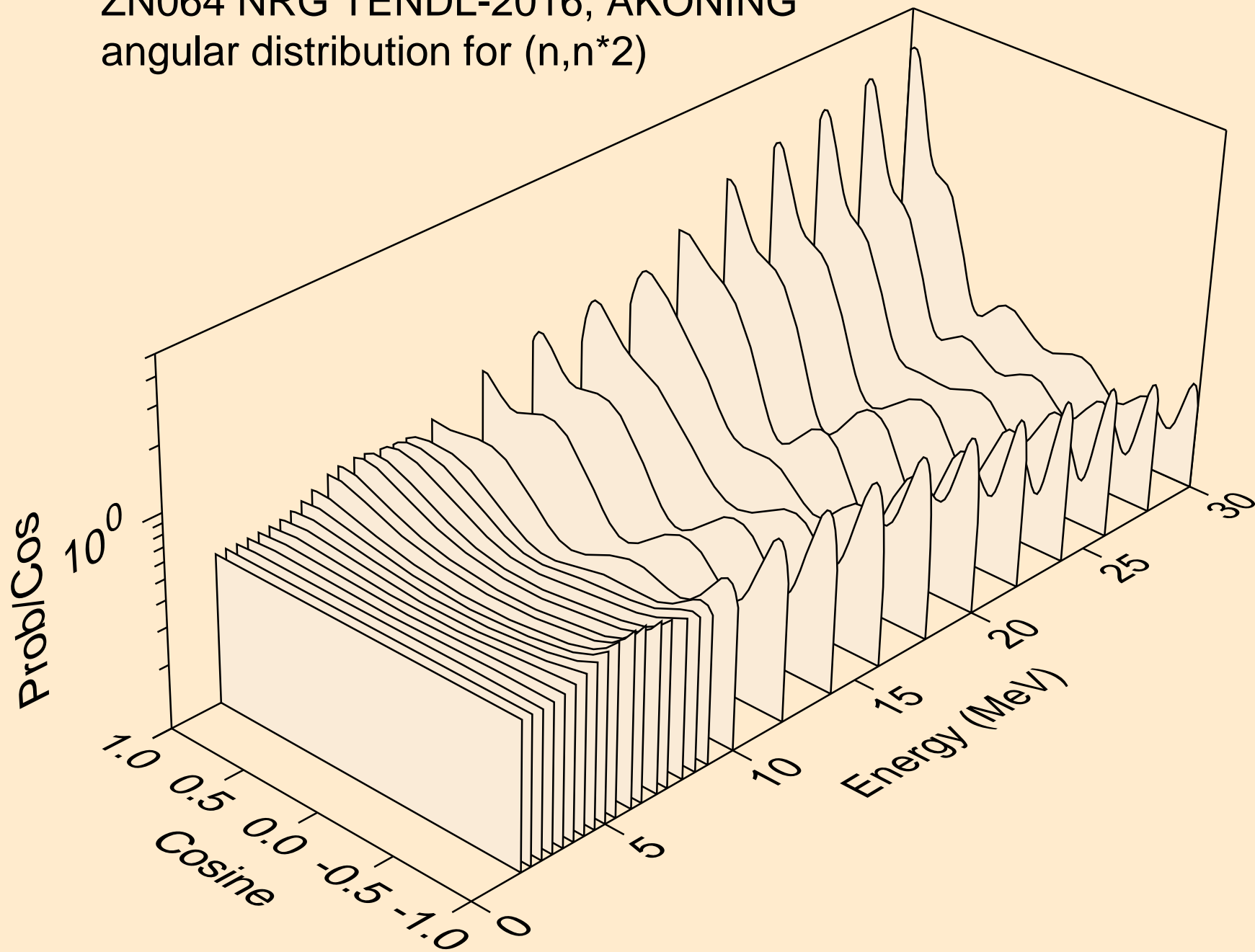
ZN064 NRG TENDL-2016, AKONING  
angular distribution for elastic



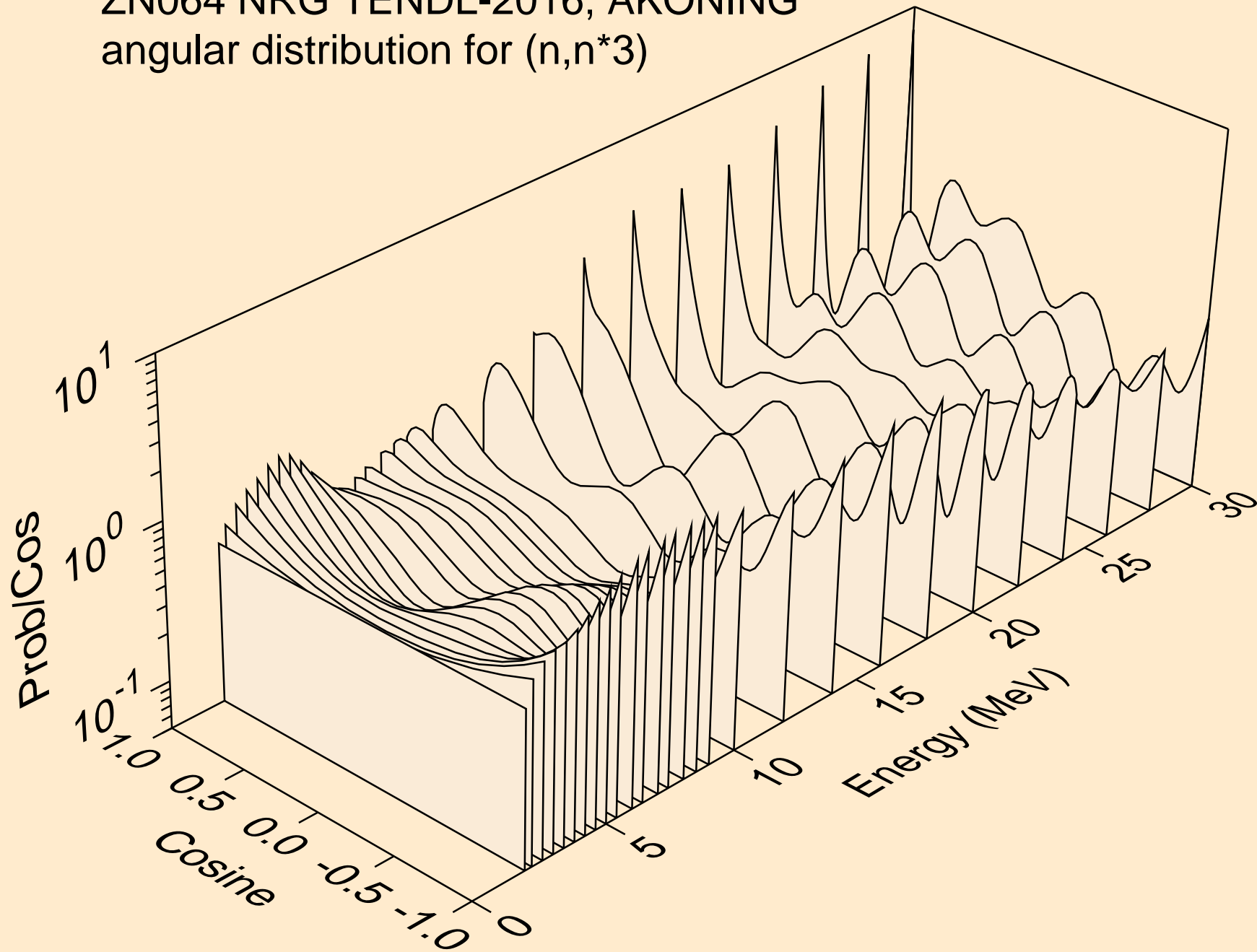
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*1)



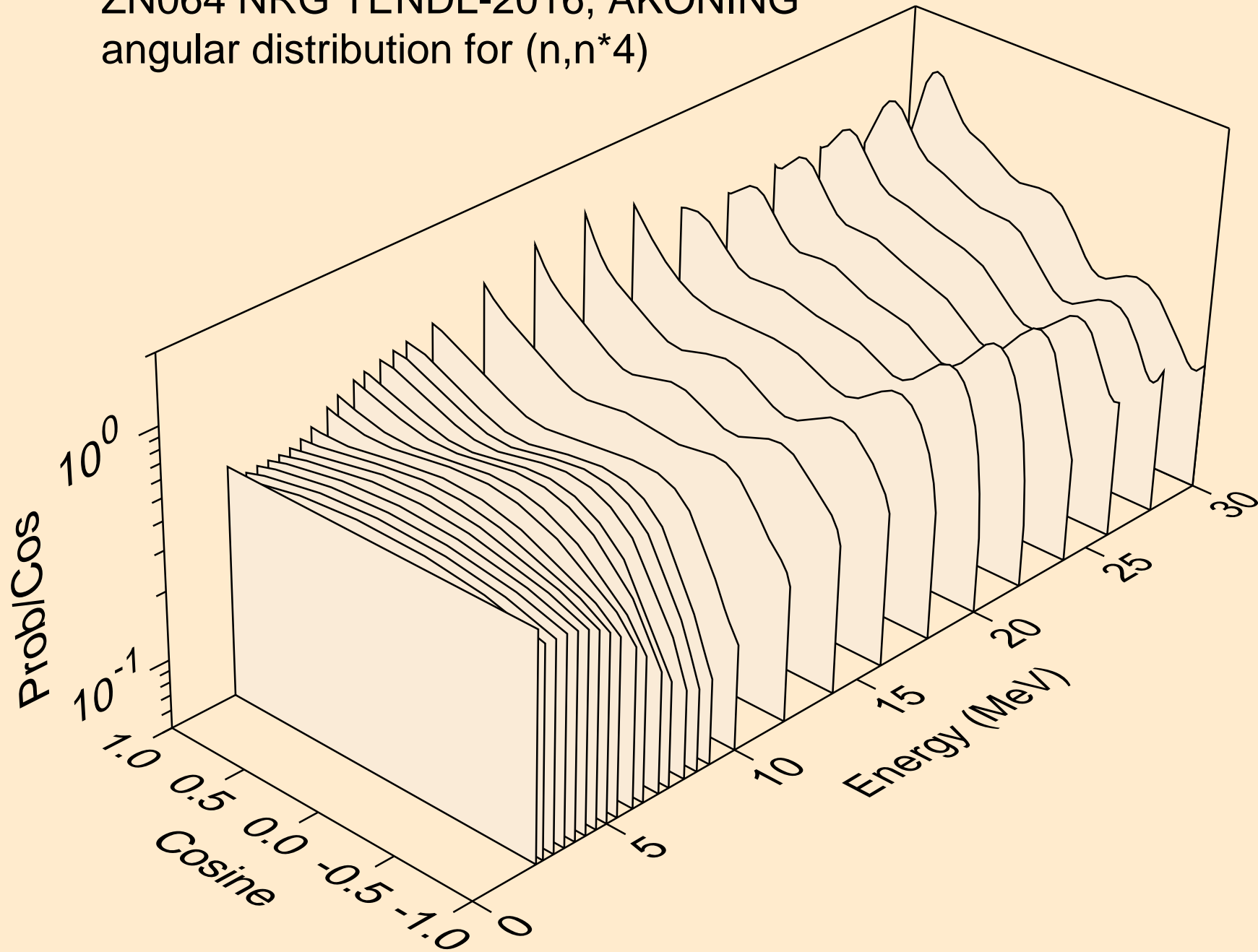
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*2)



ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*3)

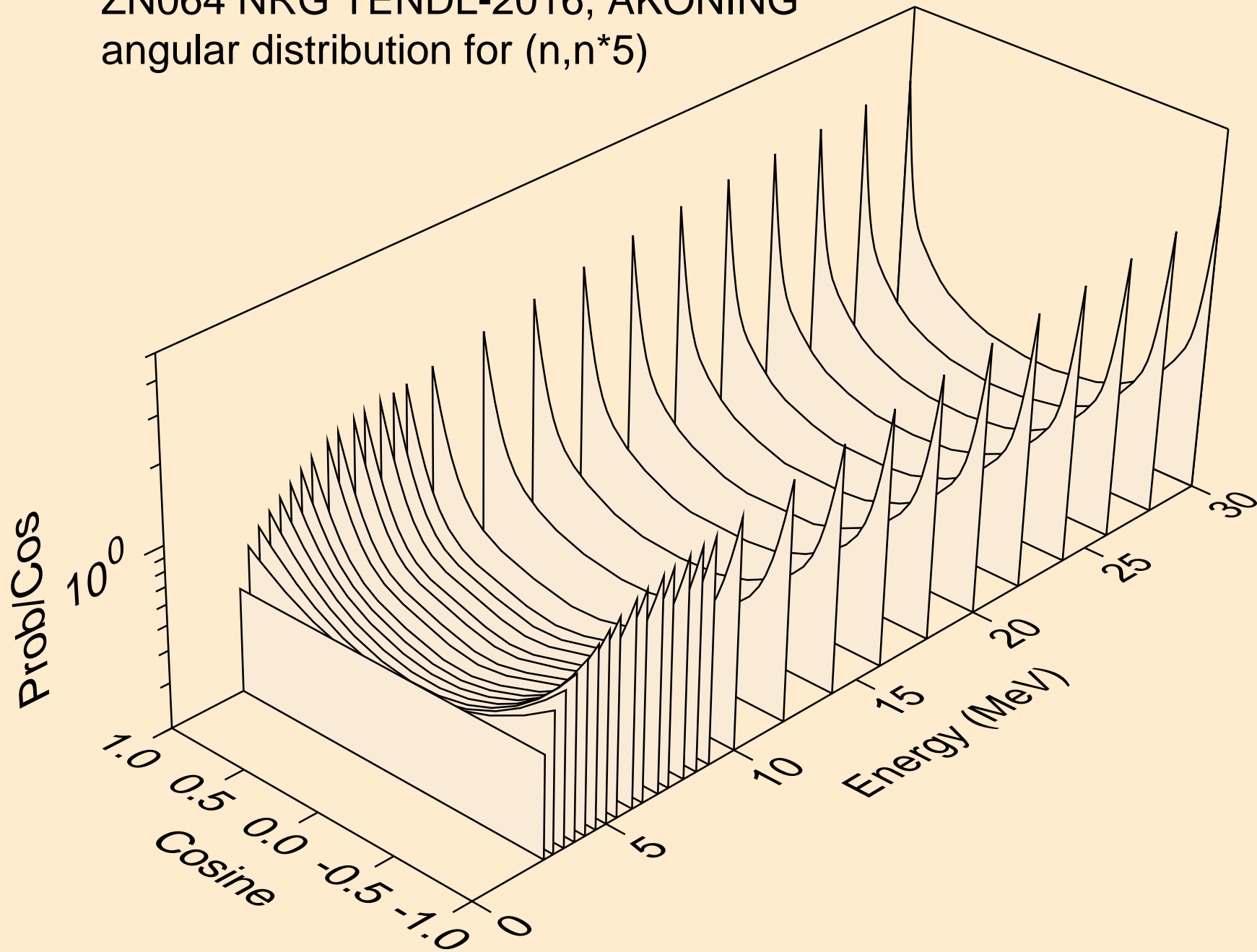


ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*4)

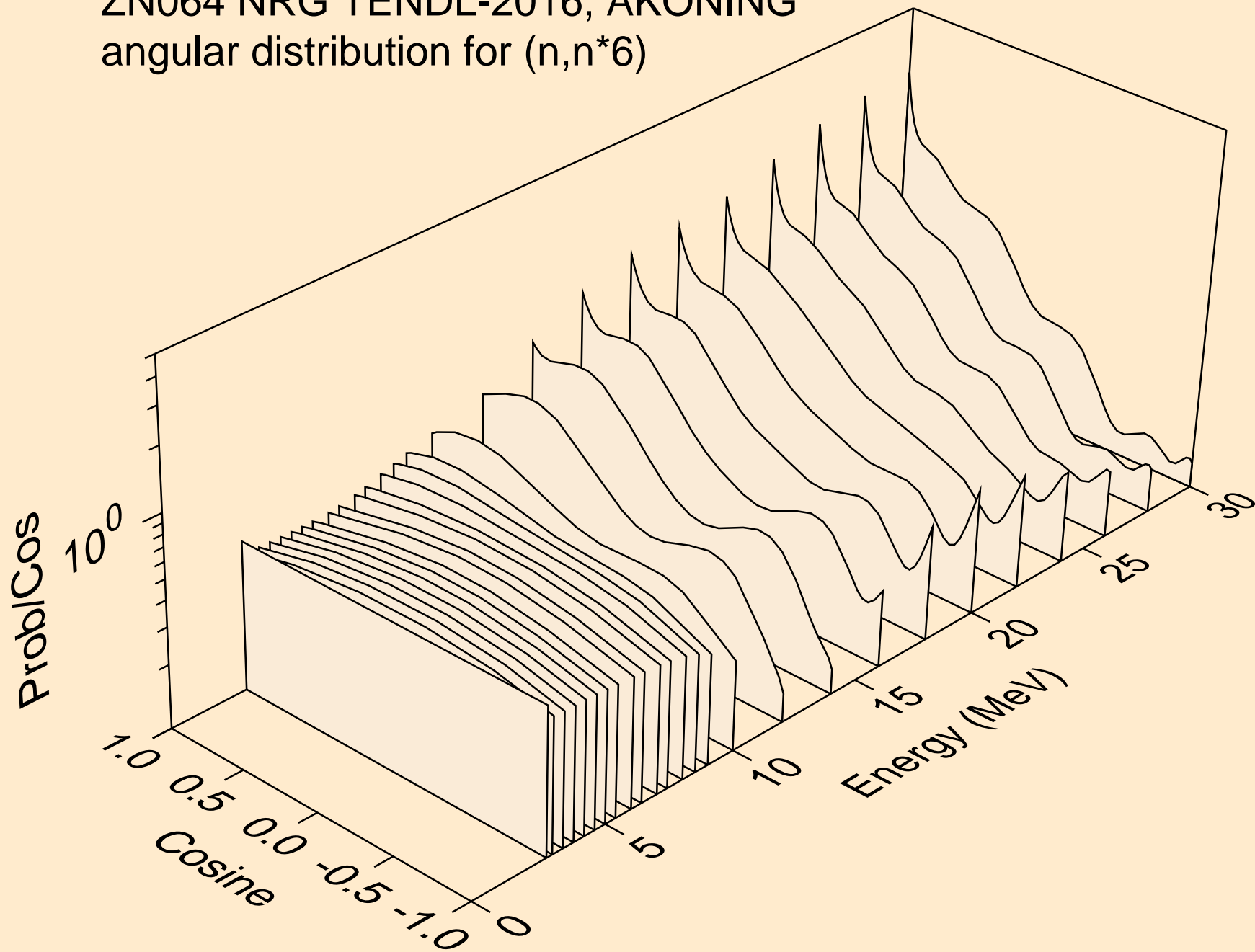




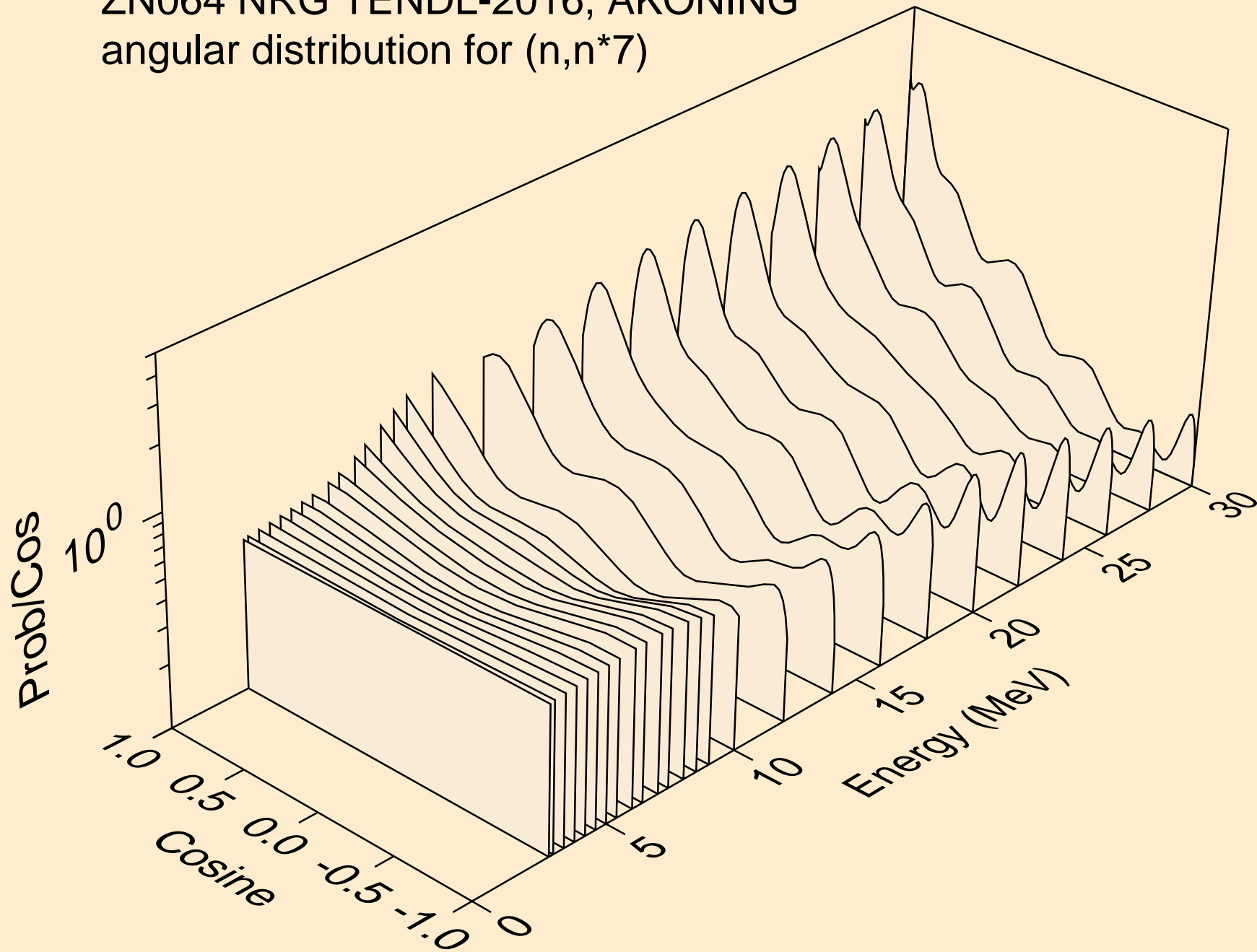
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*5)



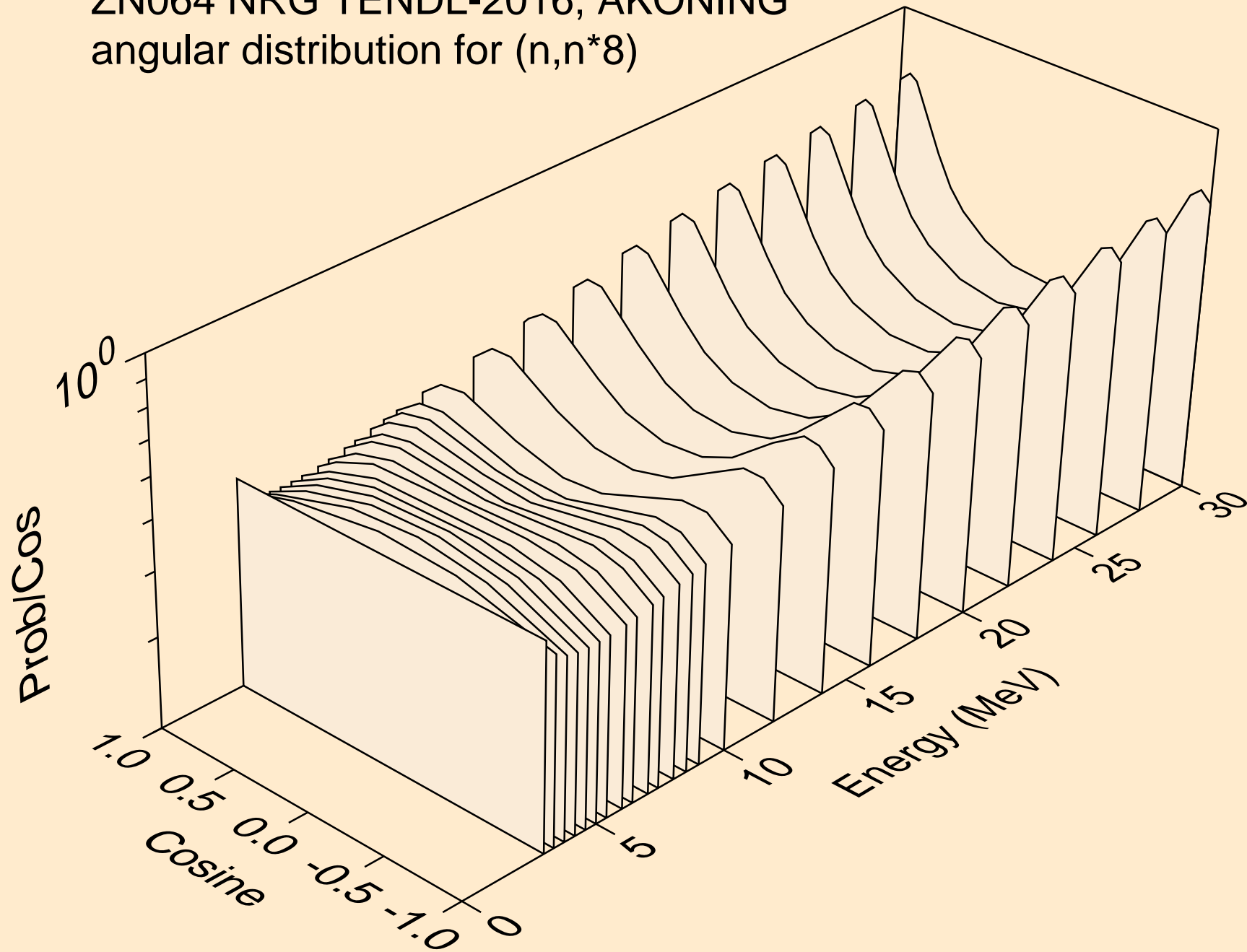
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*6)



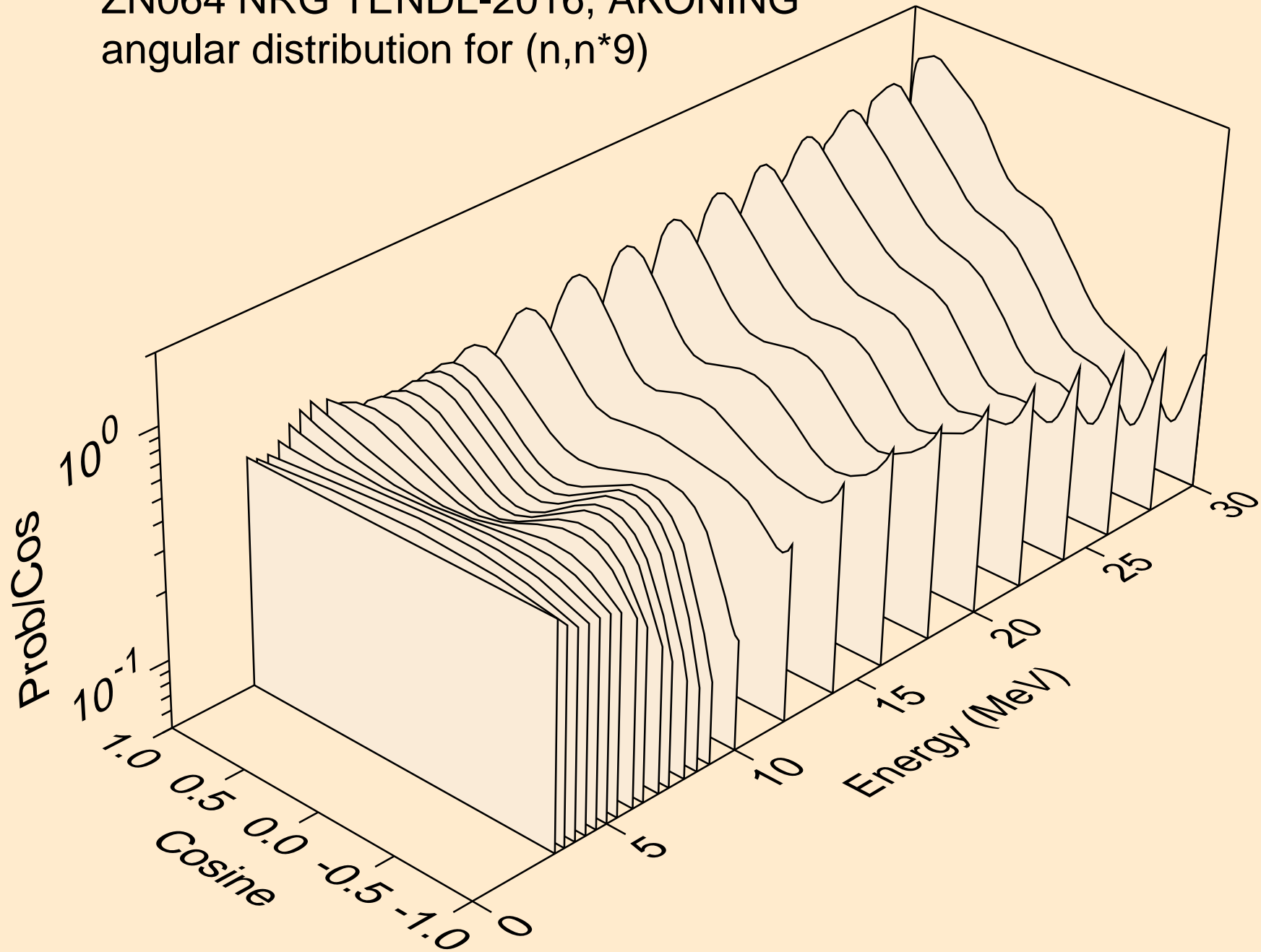
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*7)



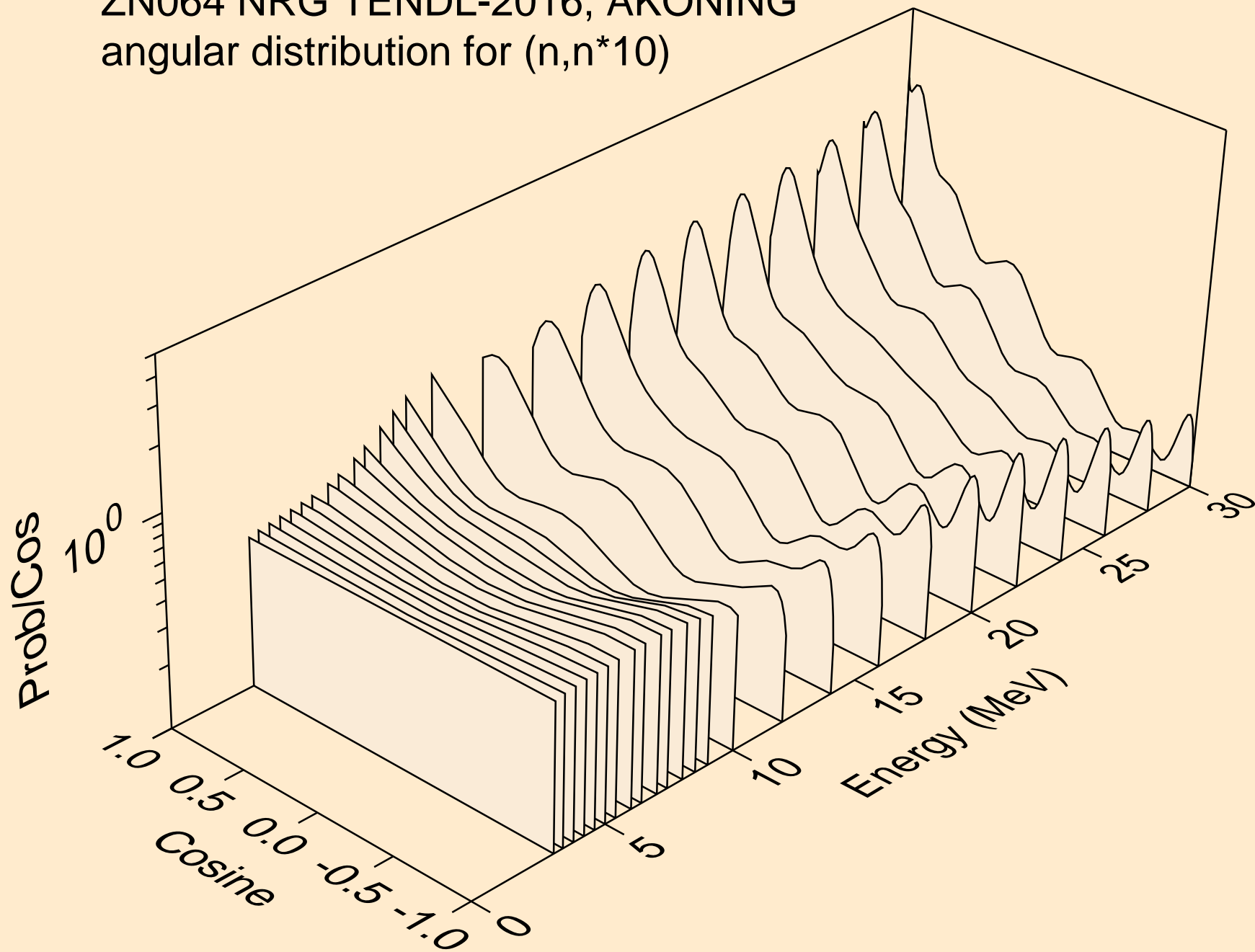
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*8)



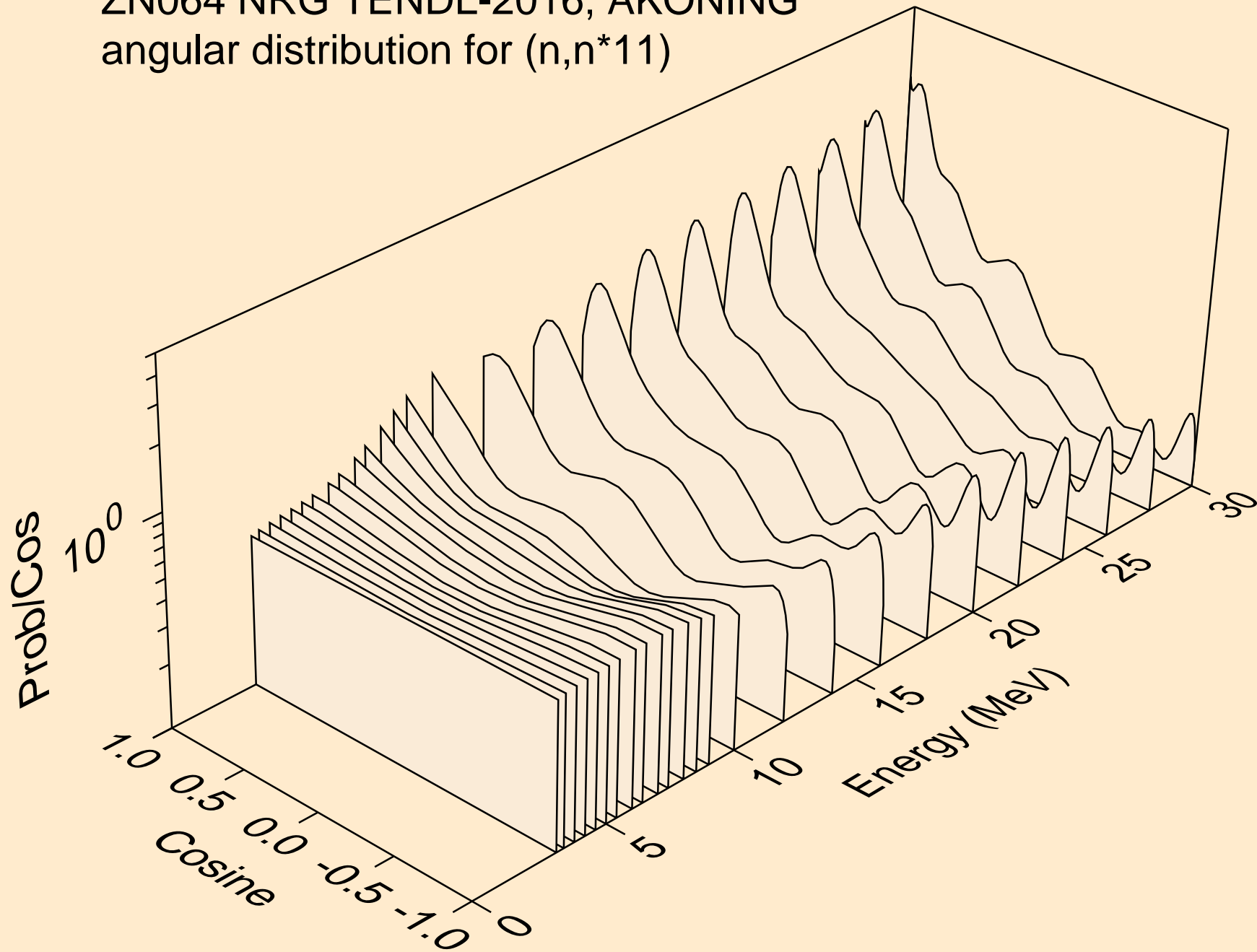
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*9)



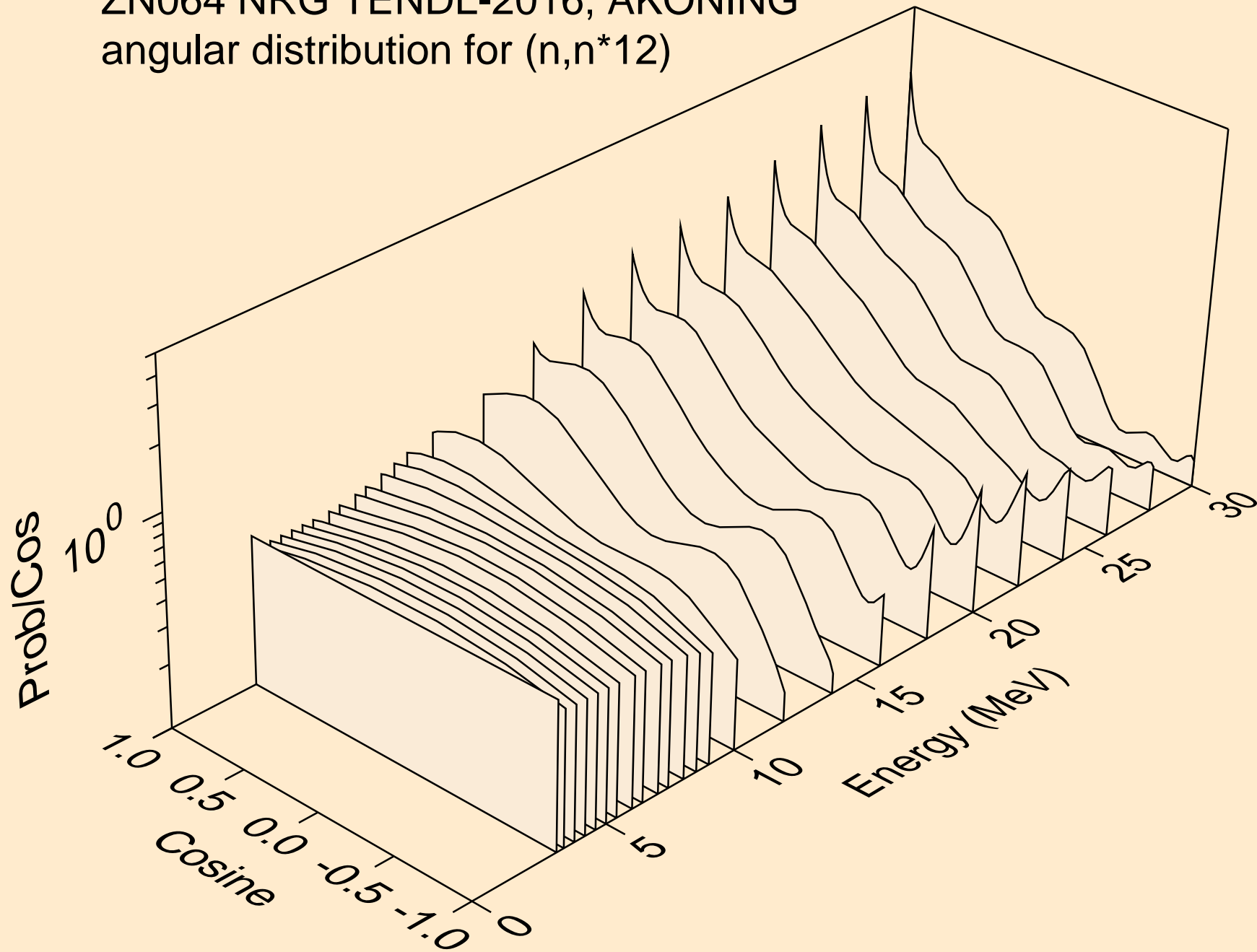
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*10)



ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*11)

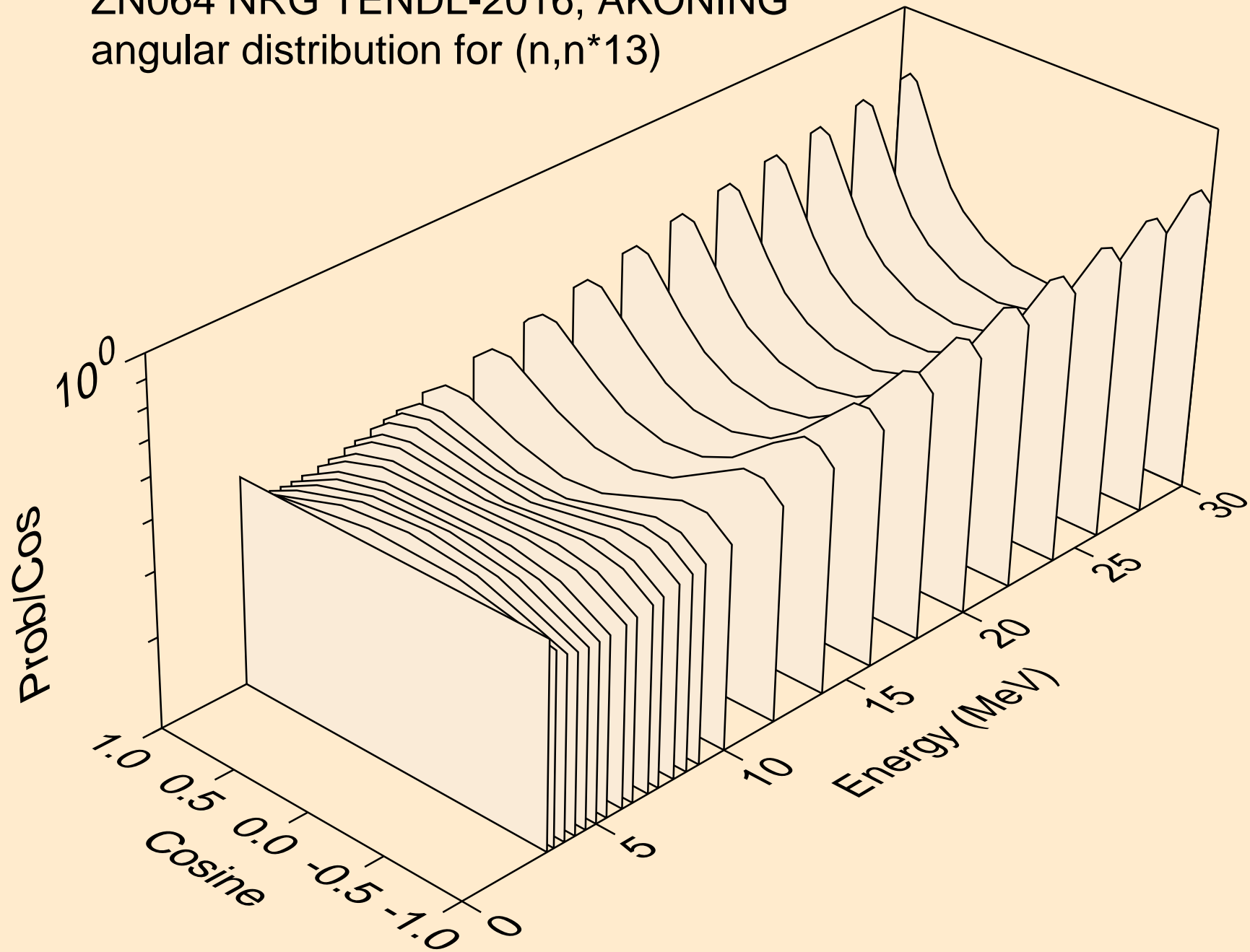


ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*12)

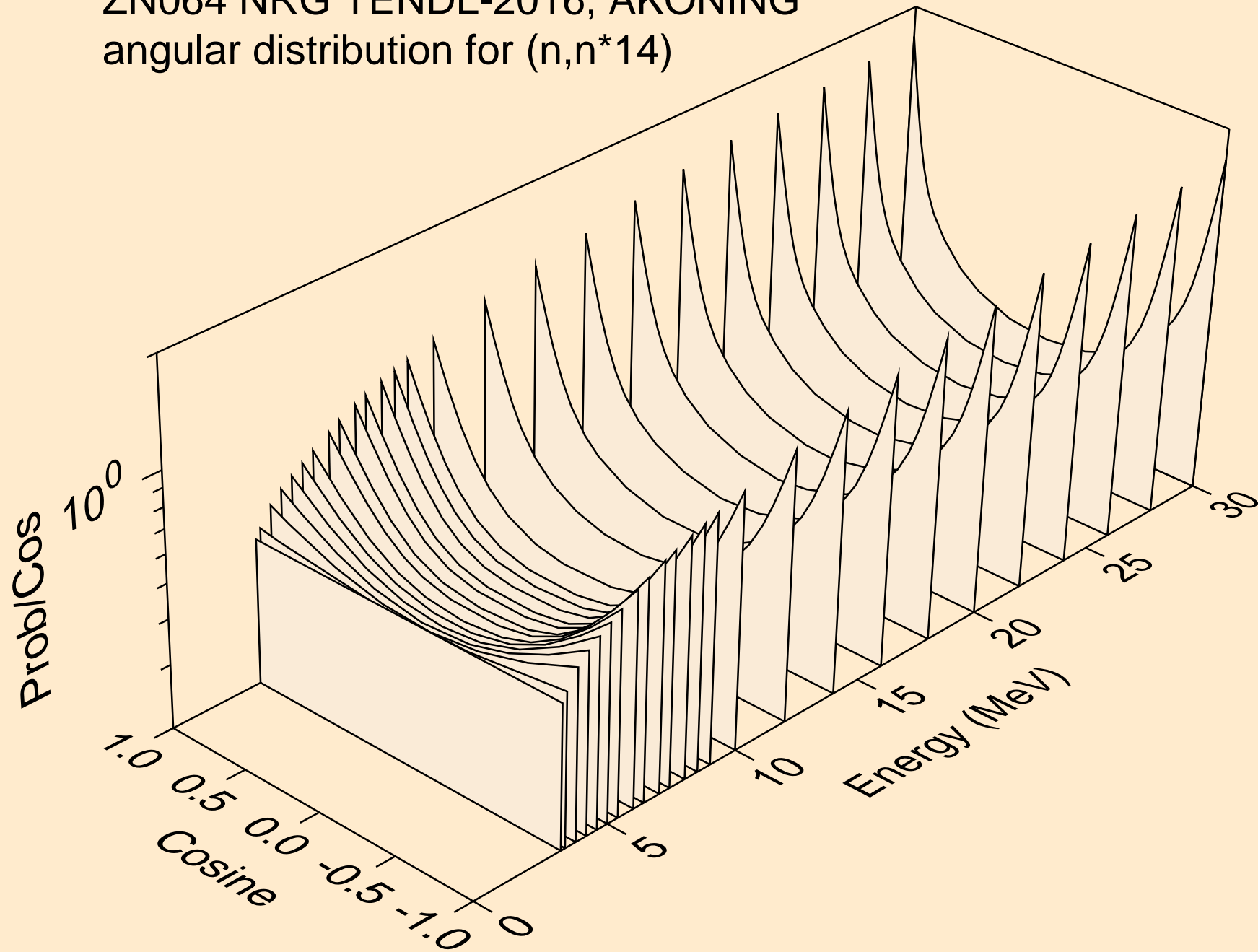




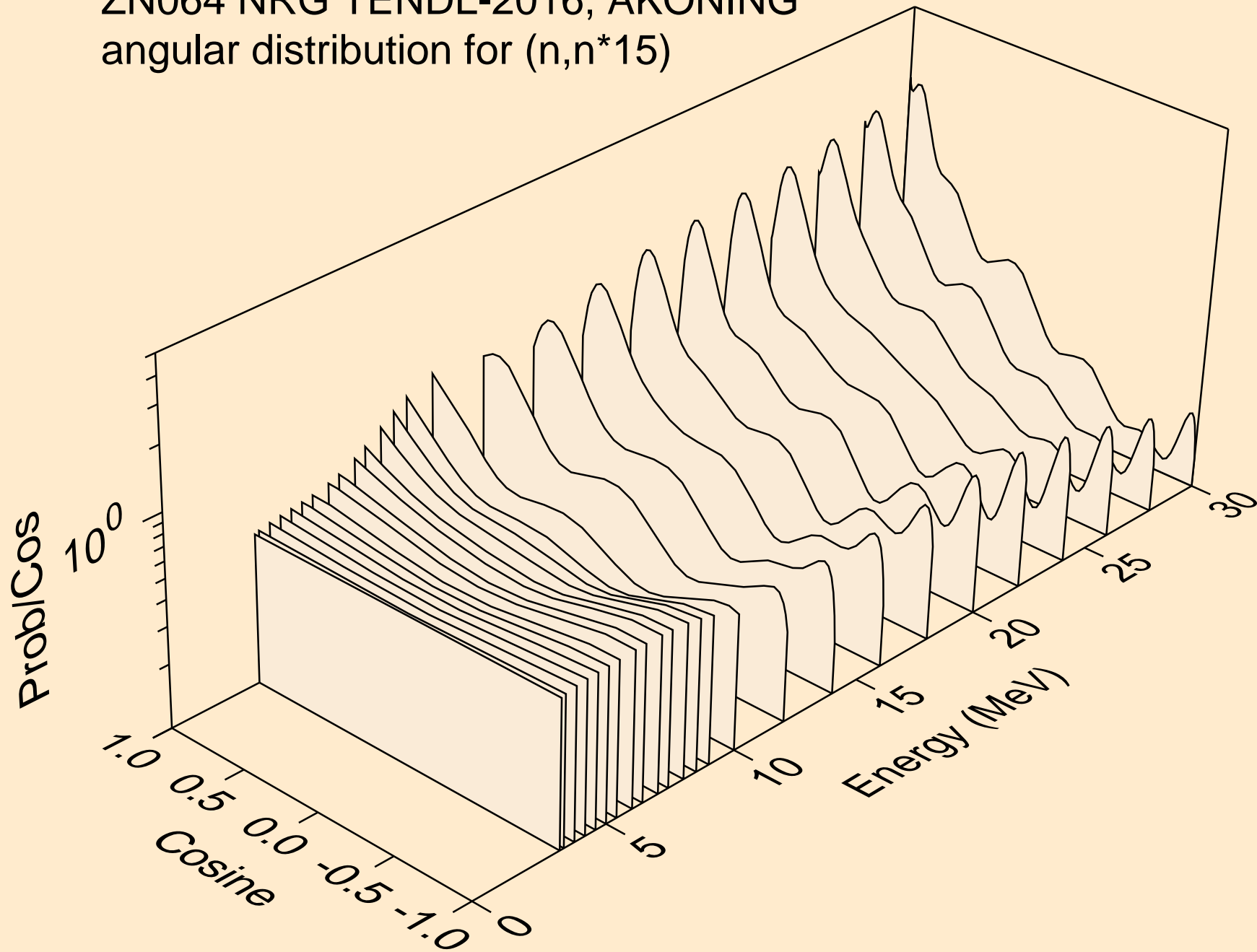
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*13)



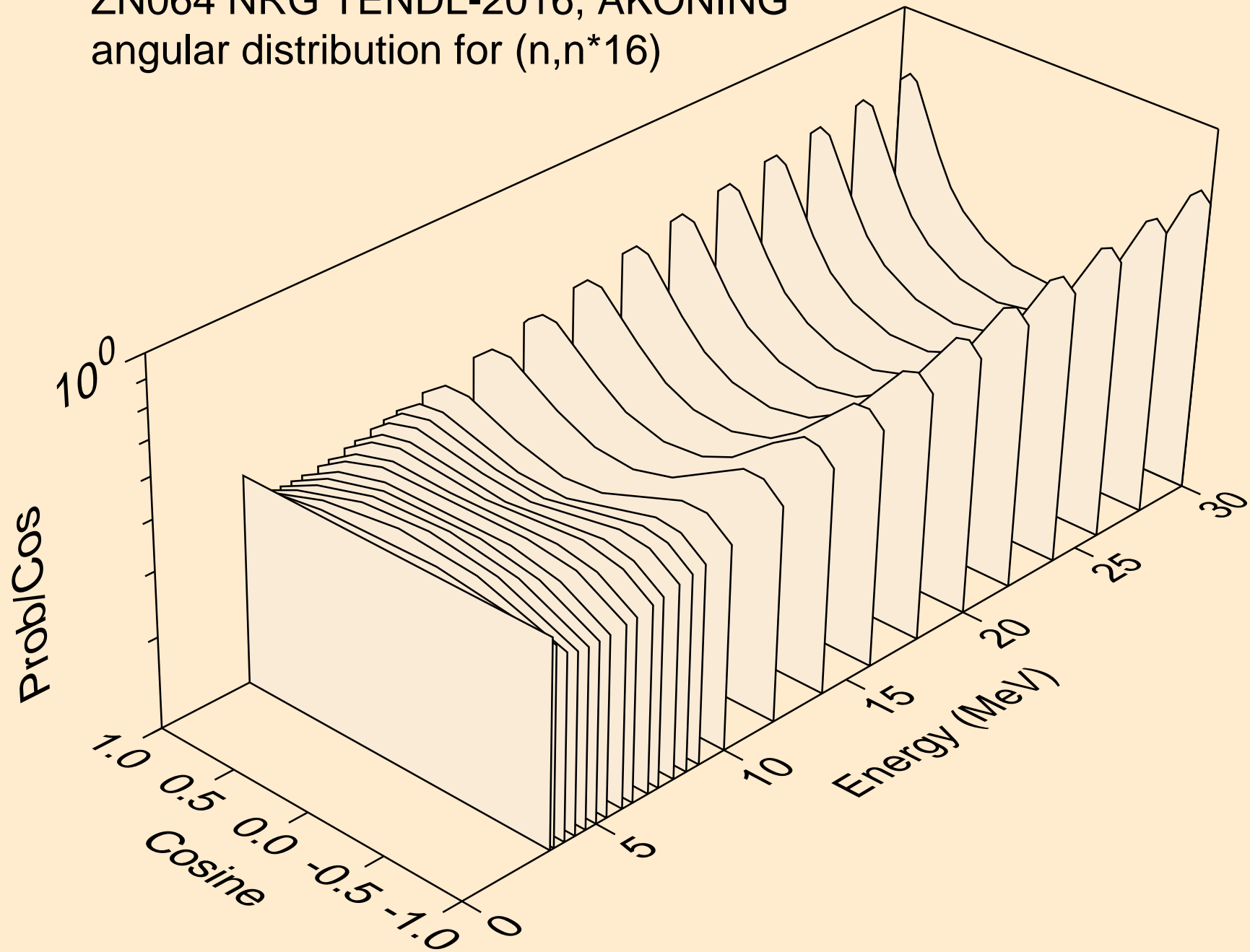
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*14)



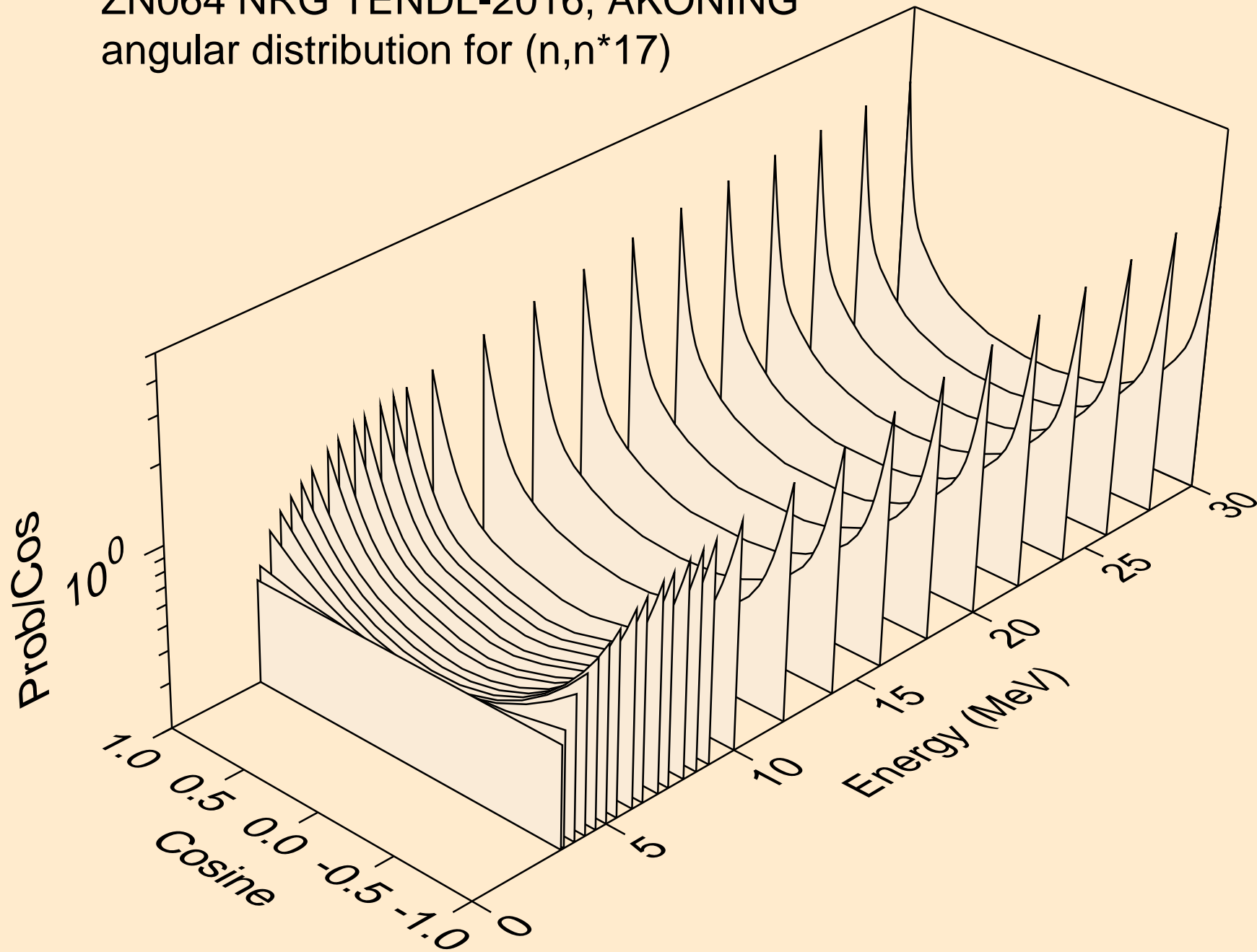
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*15)



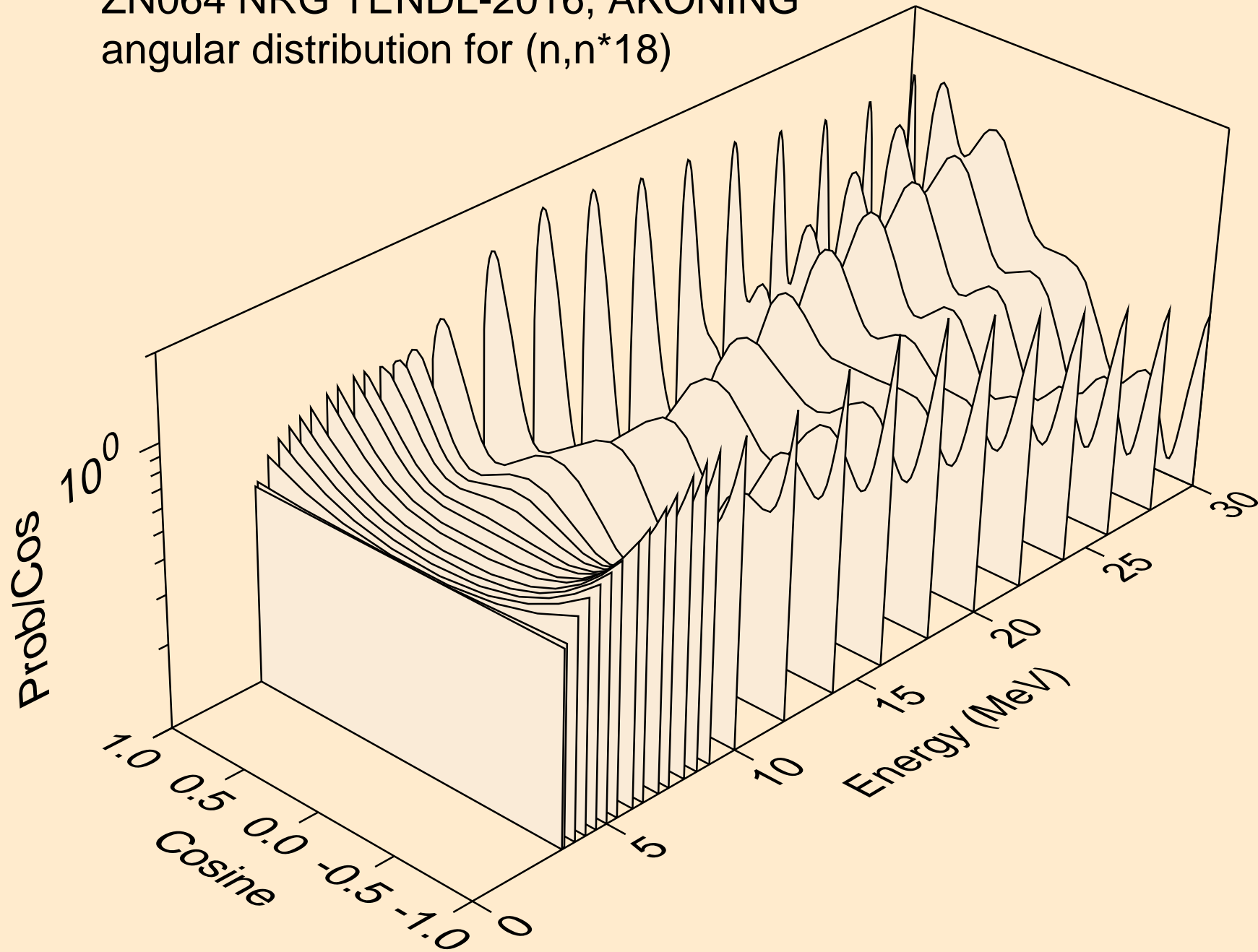
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*16)



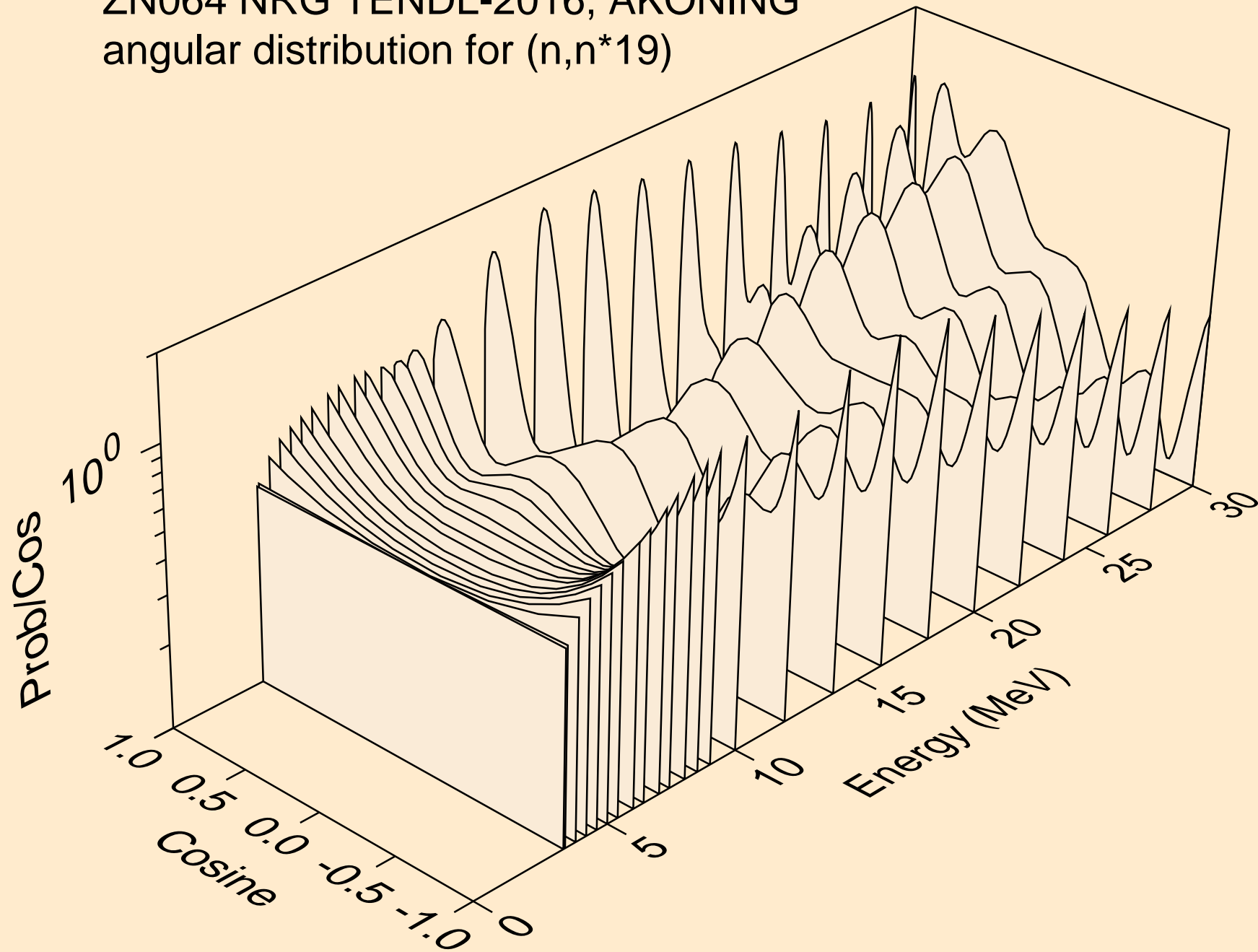
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*17)



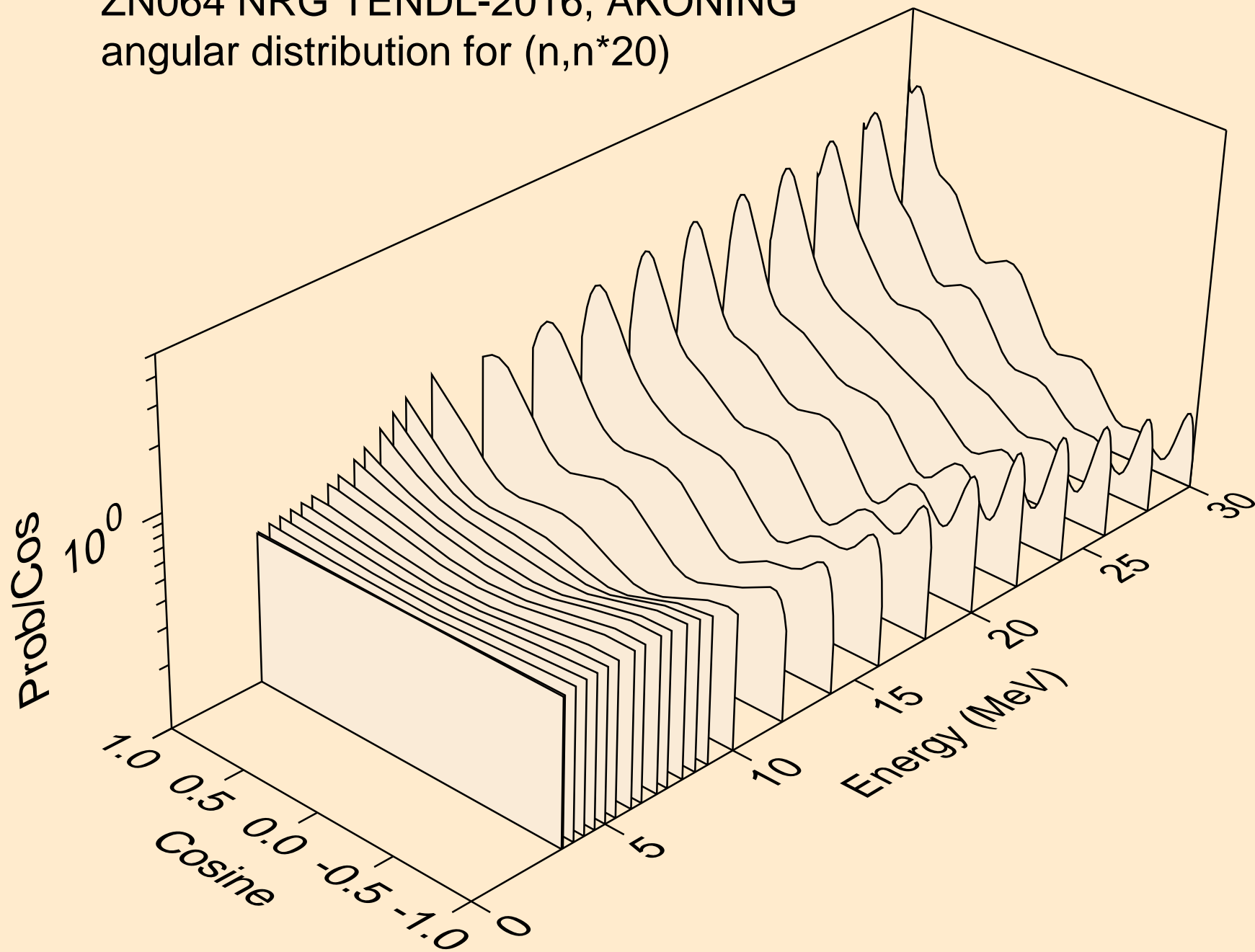
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*18)



ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*19)

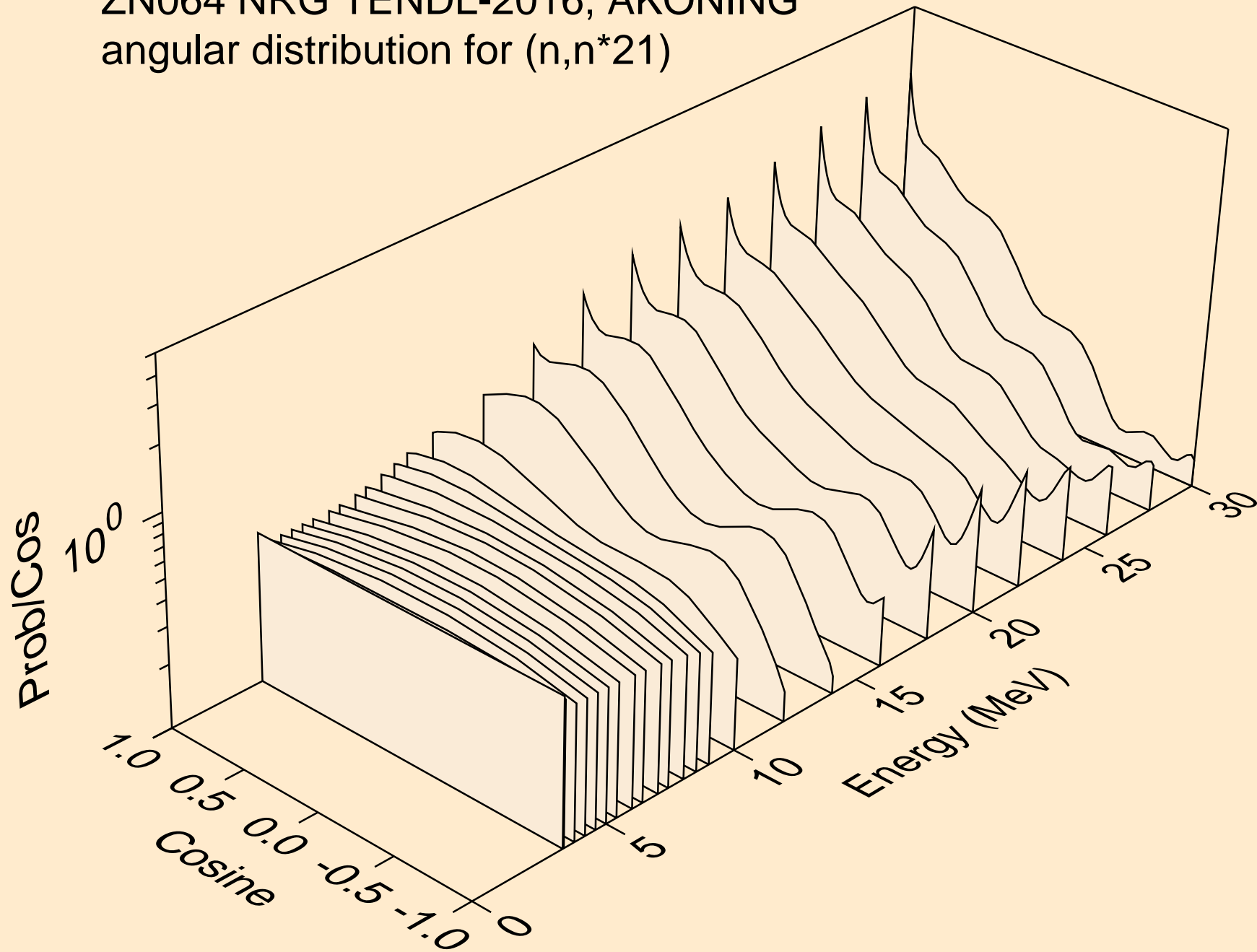


ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*20)

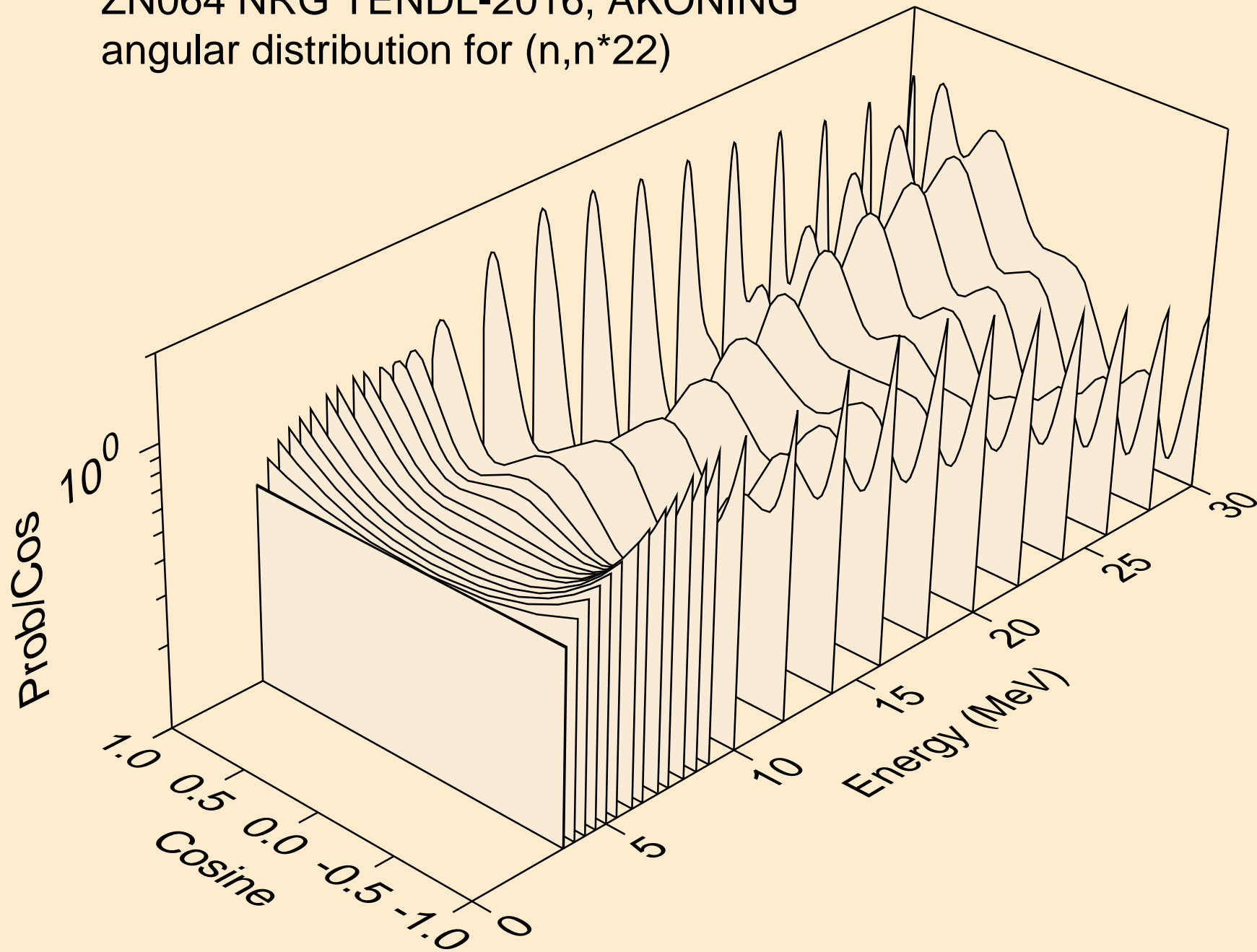




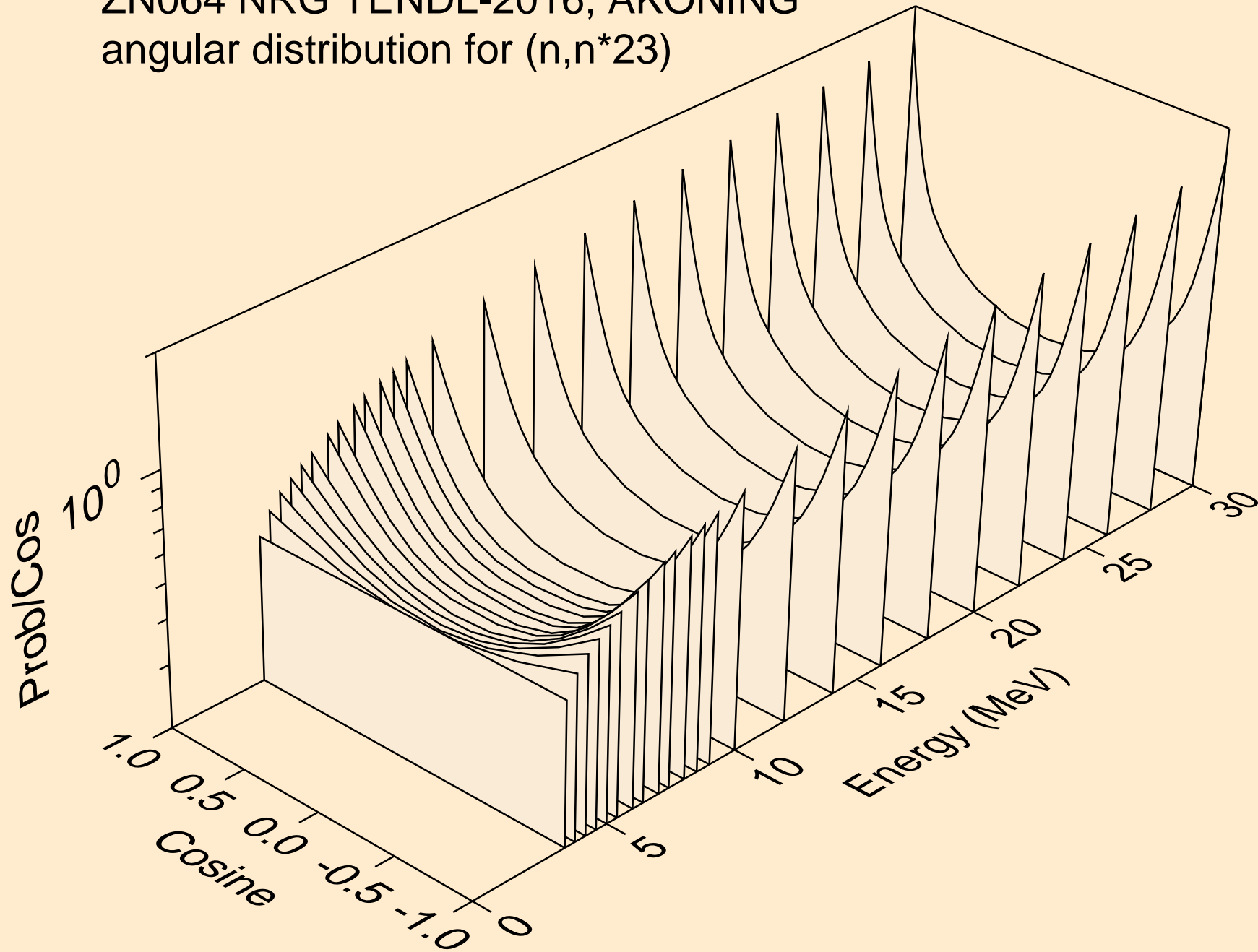
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*21)



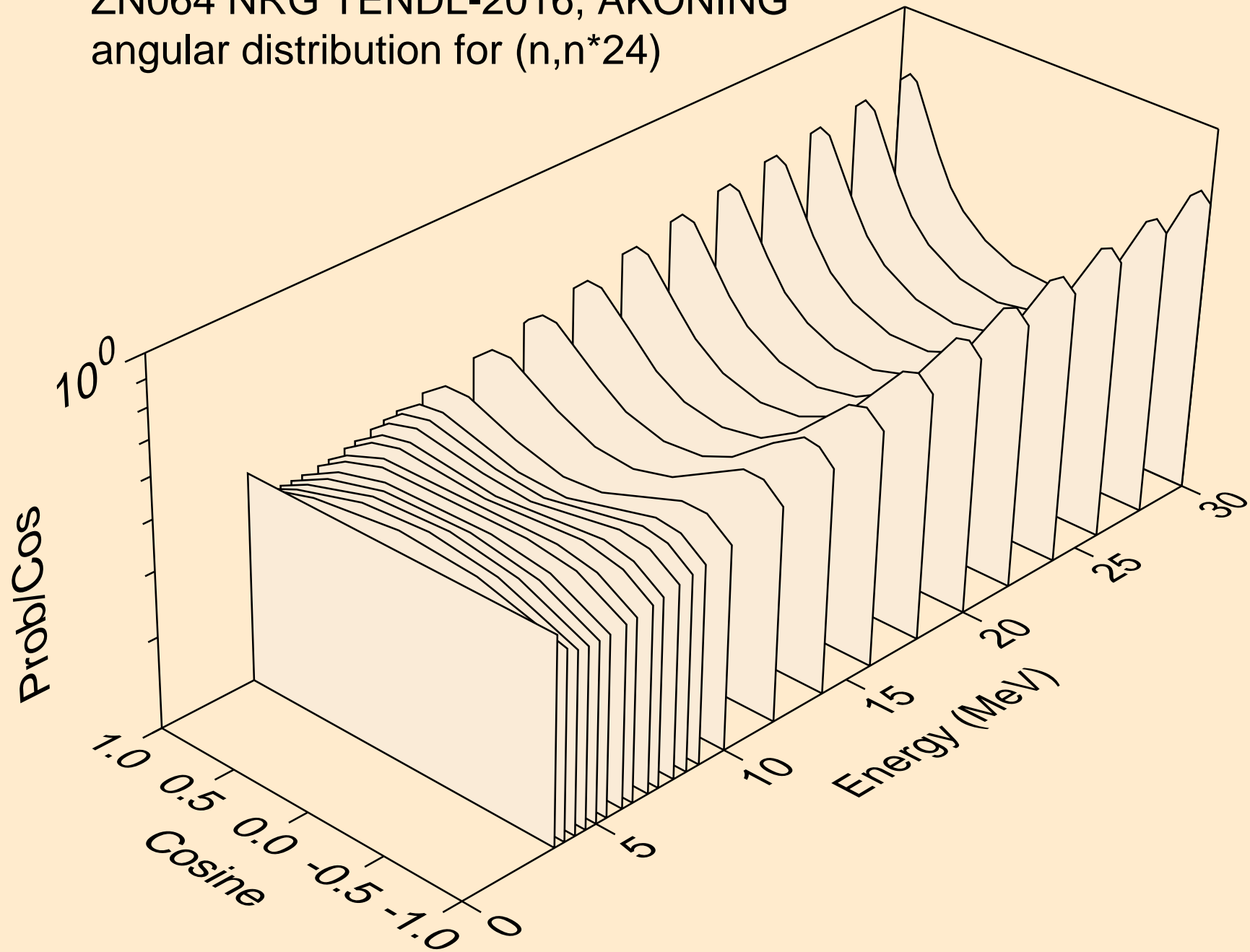
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*22)



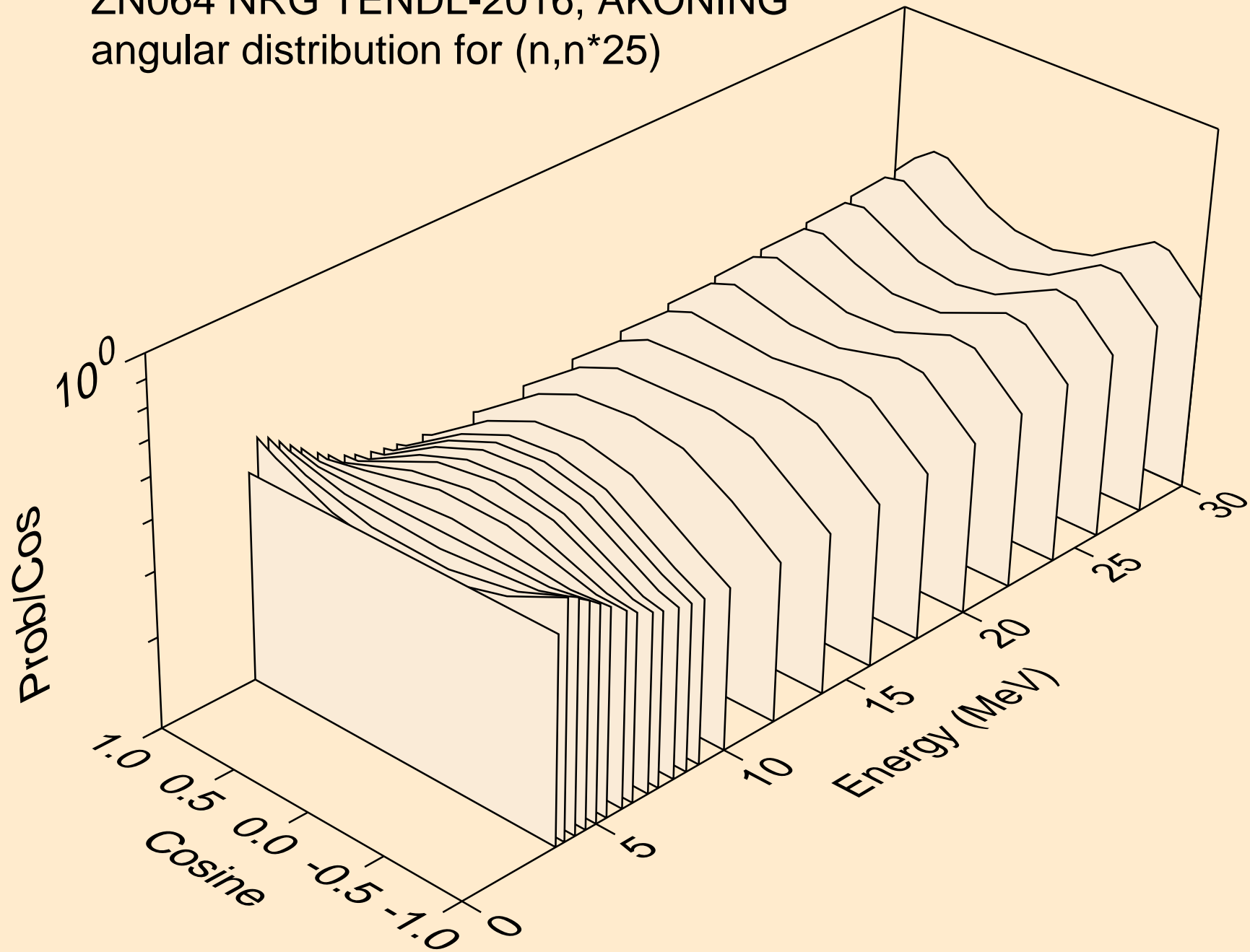
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angular distribution for (n,n\*23)



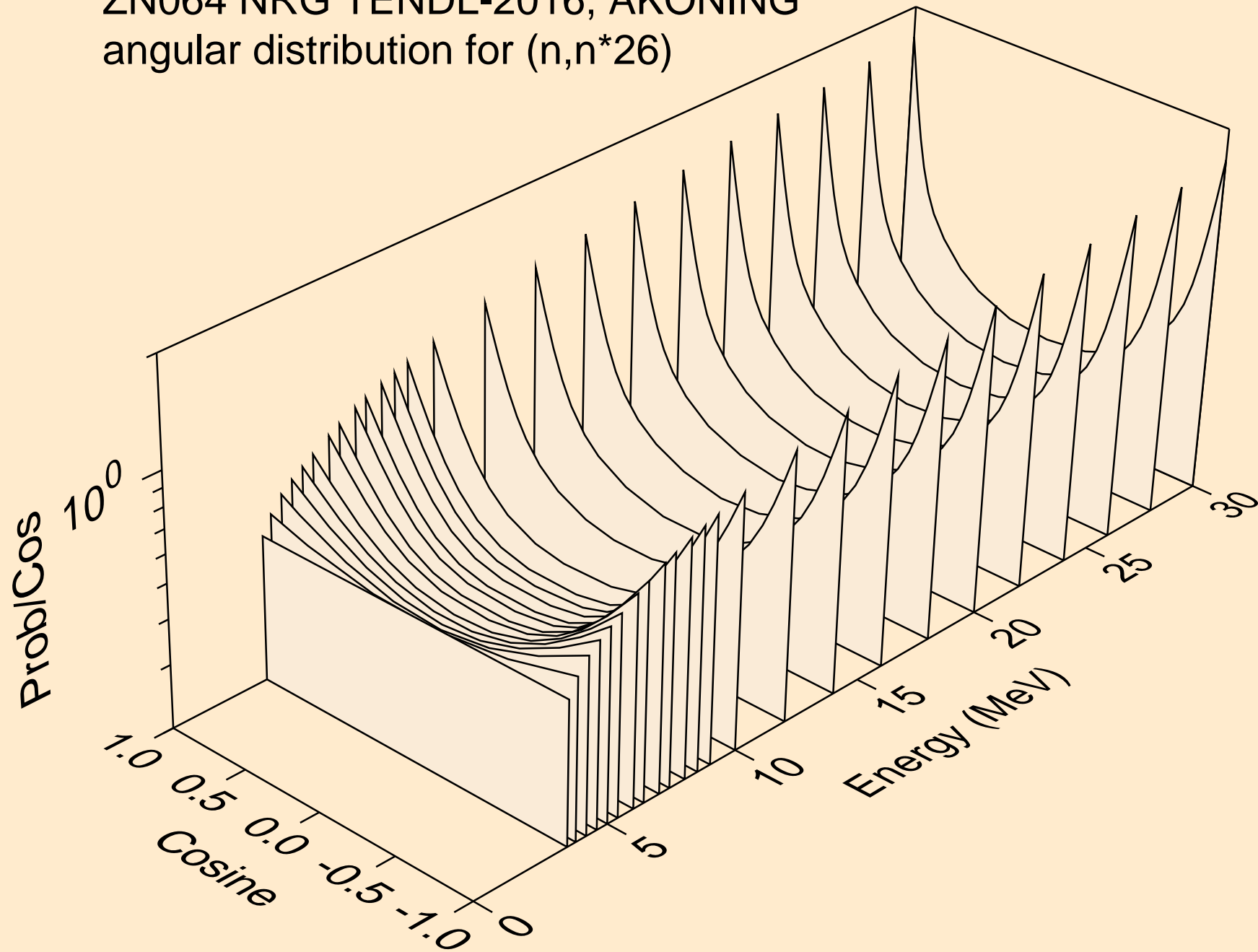
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*24)



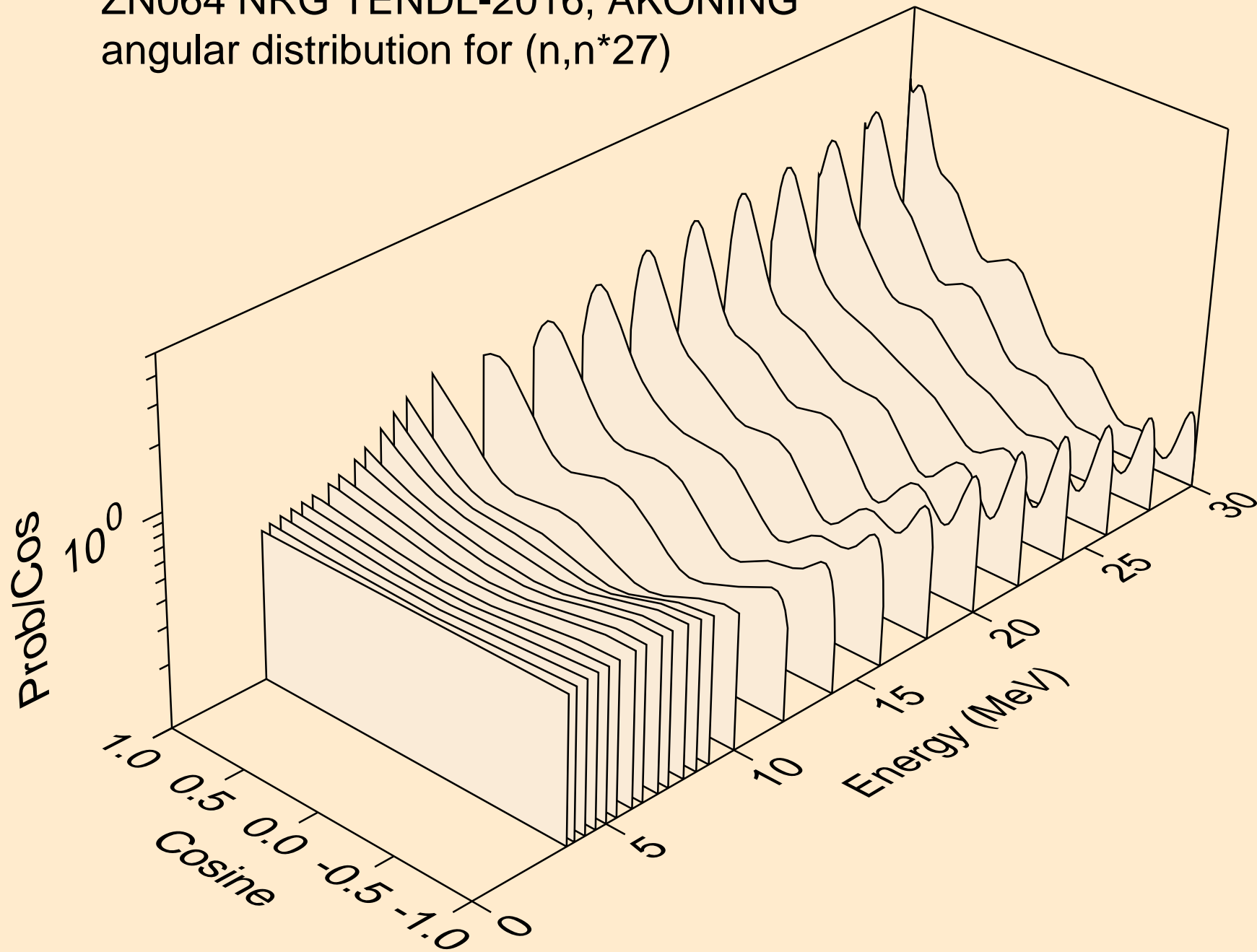
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*25)



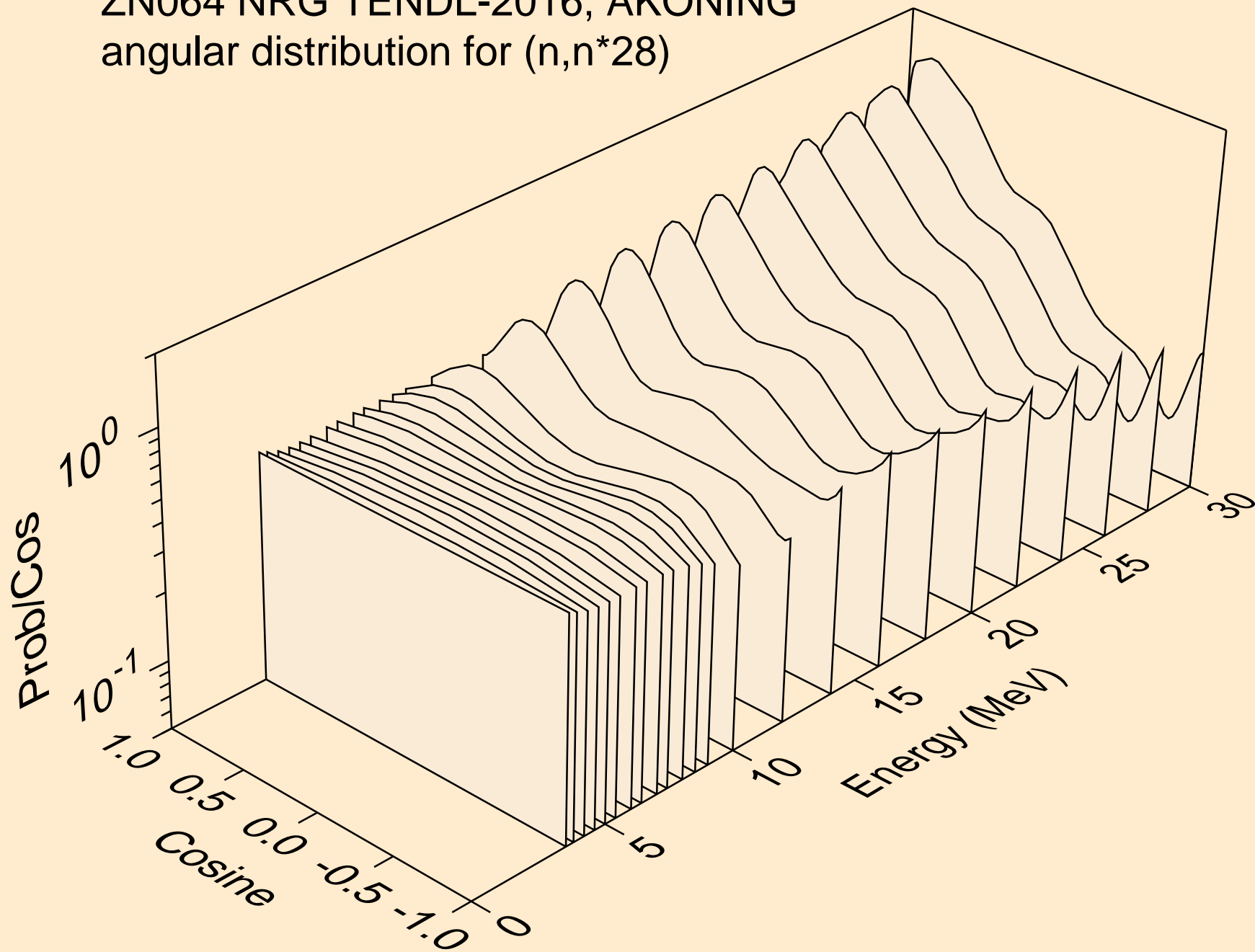
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*26)



ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*27)

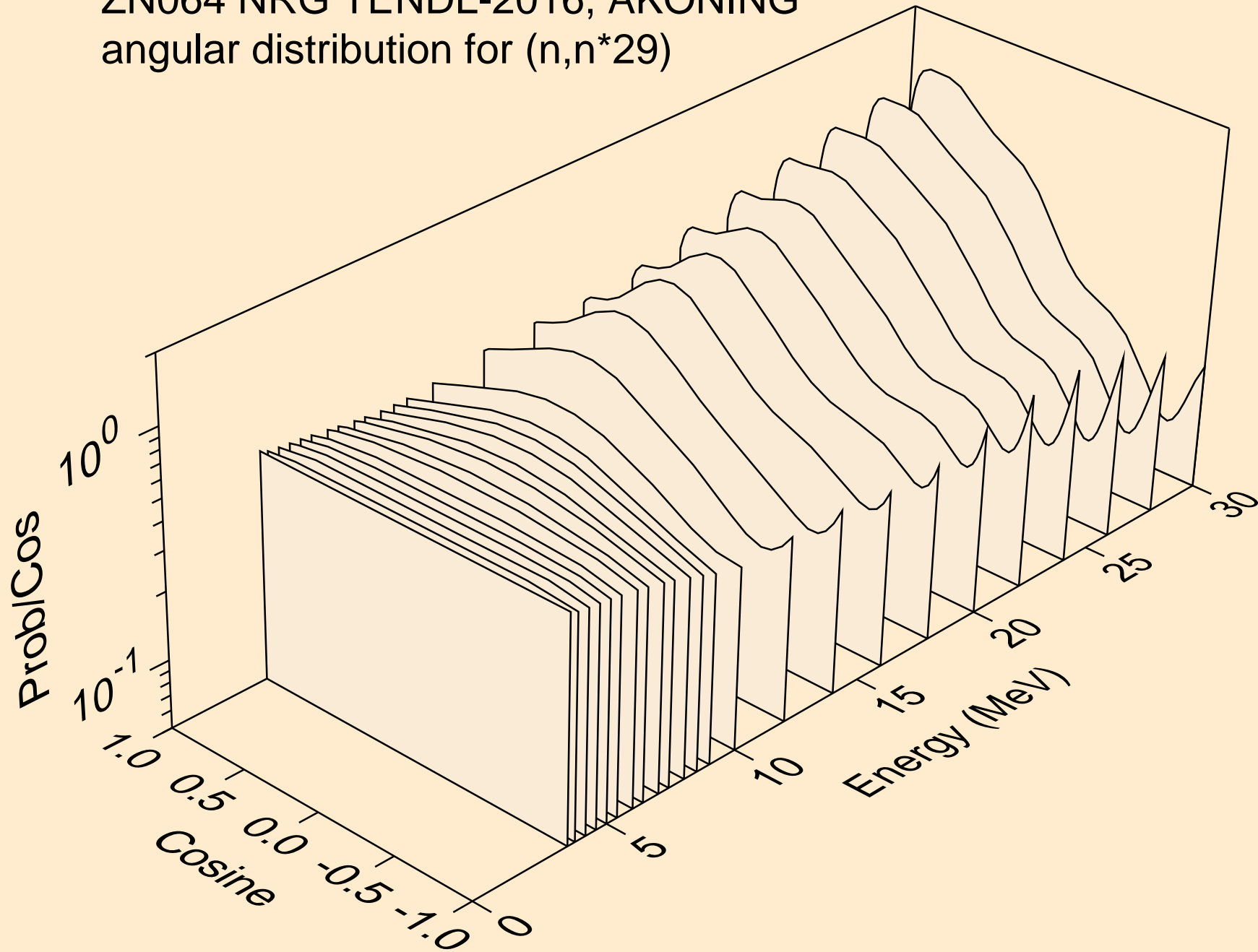


ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*28)

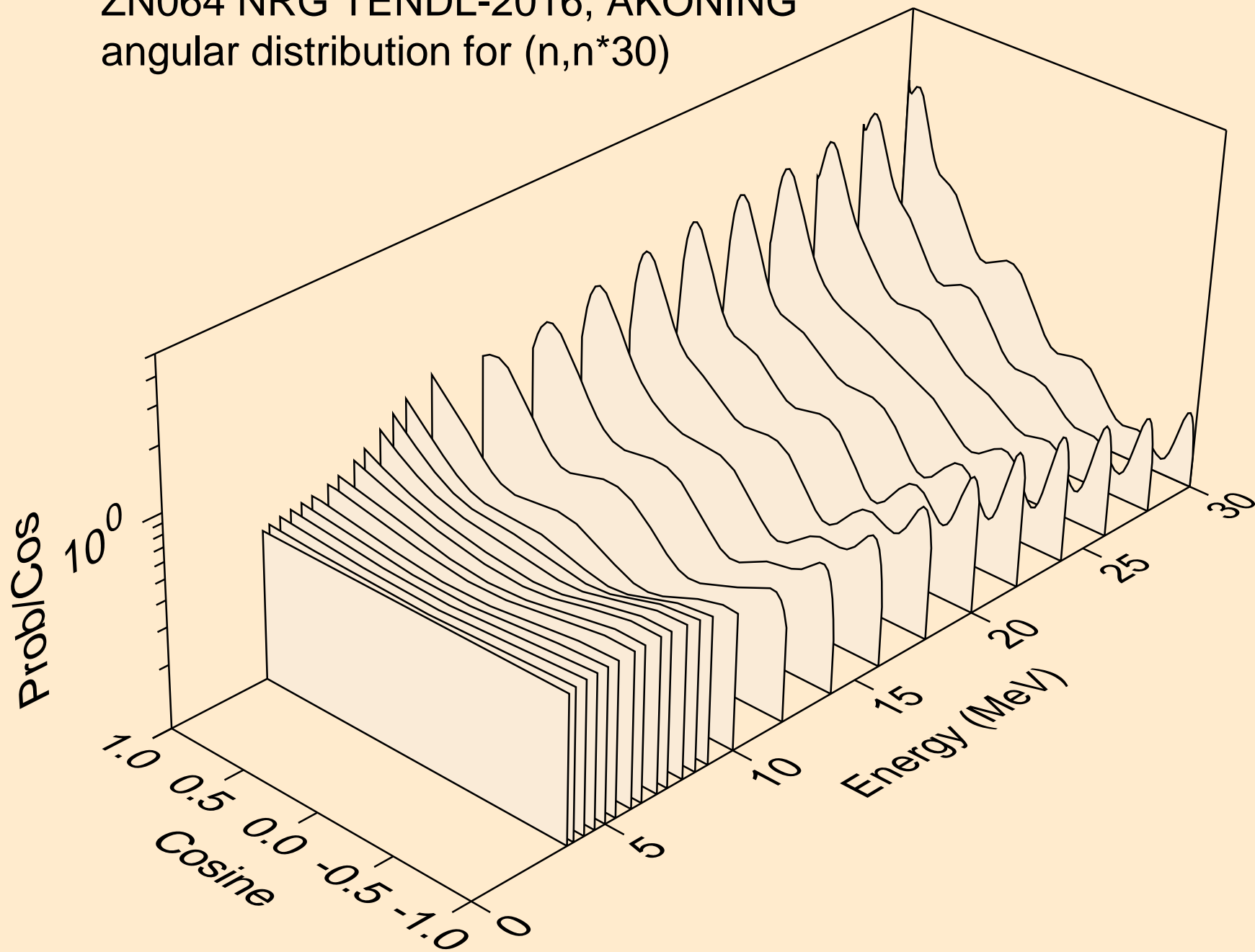




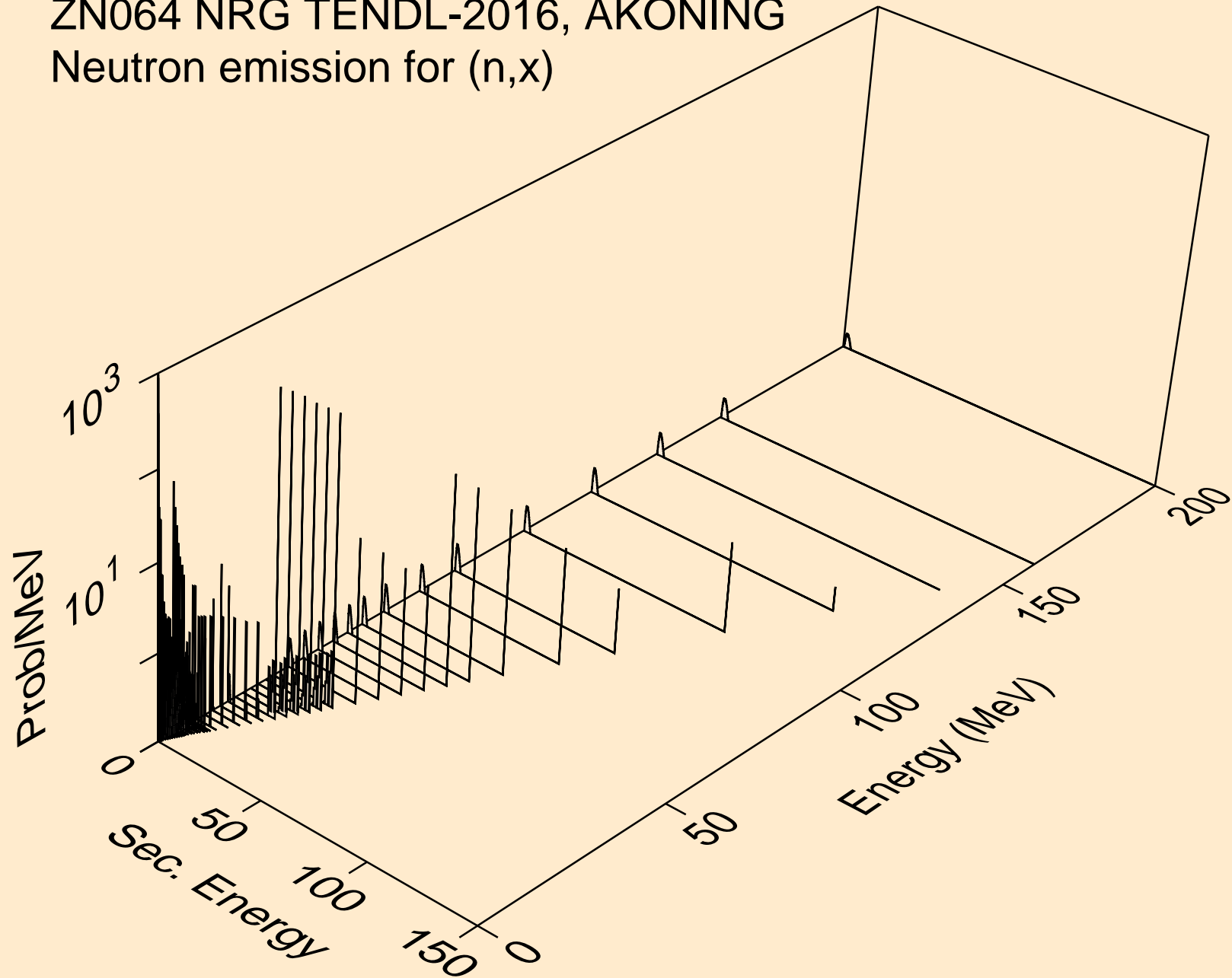
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*29)



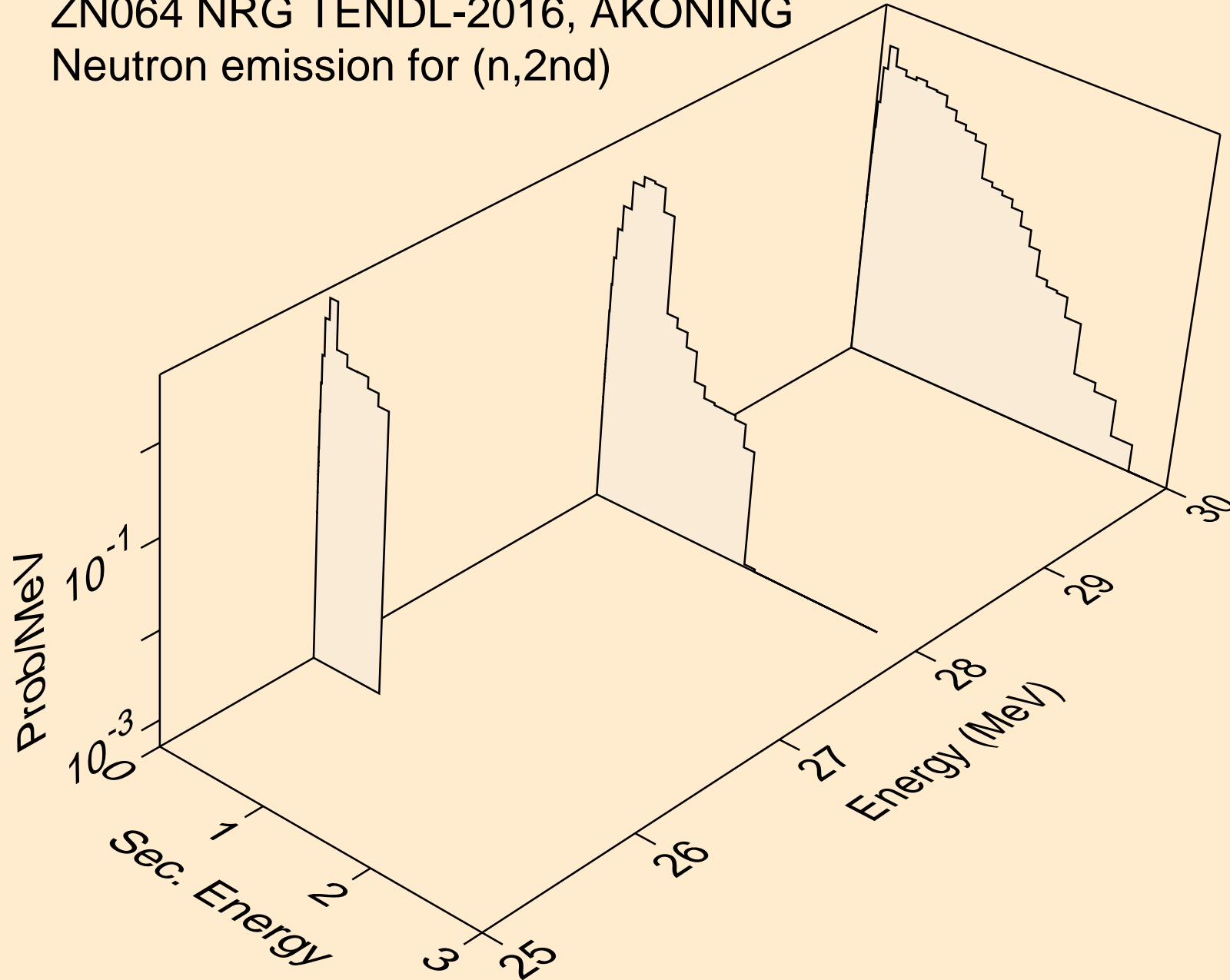
ZN064 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*30)



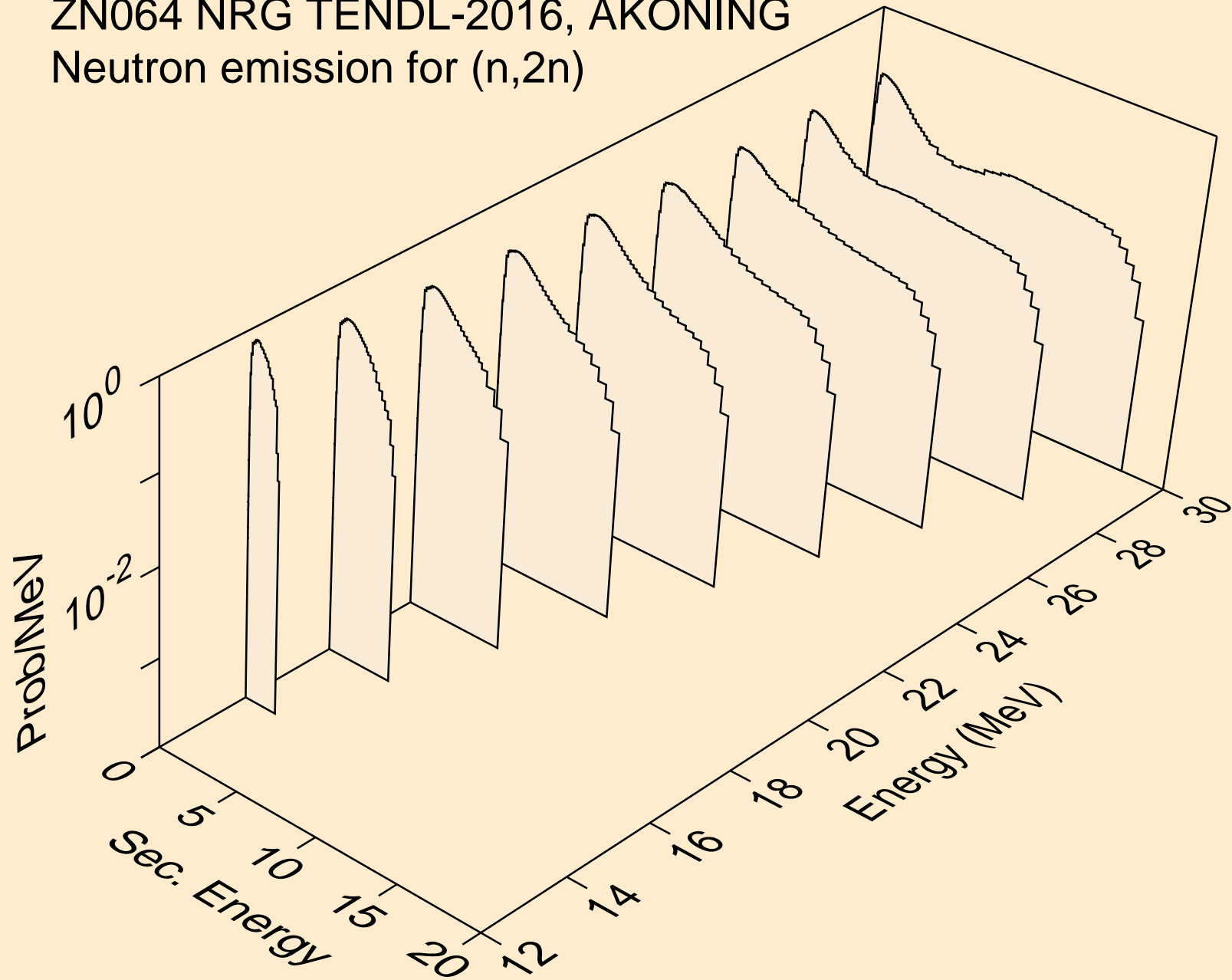
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,x)



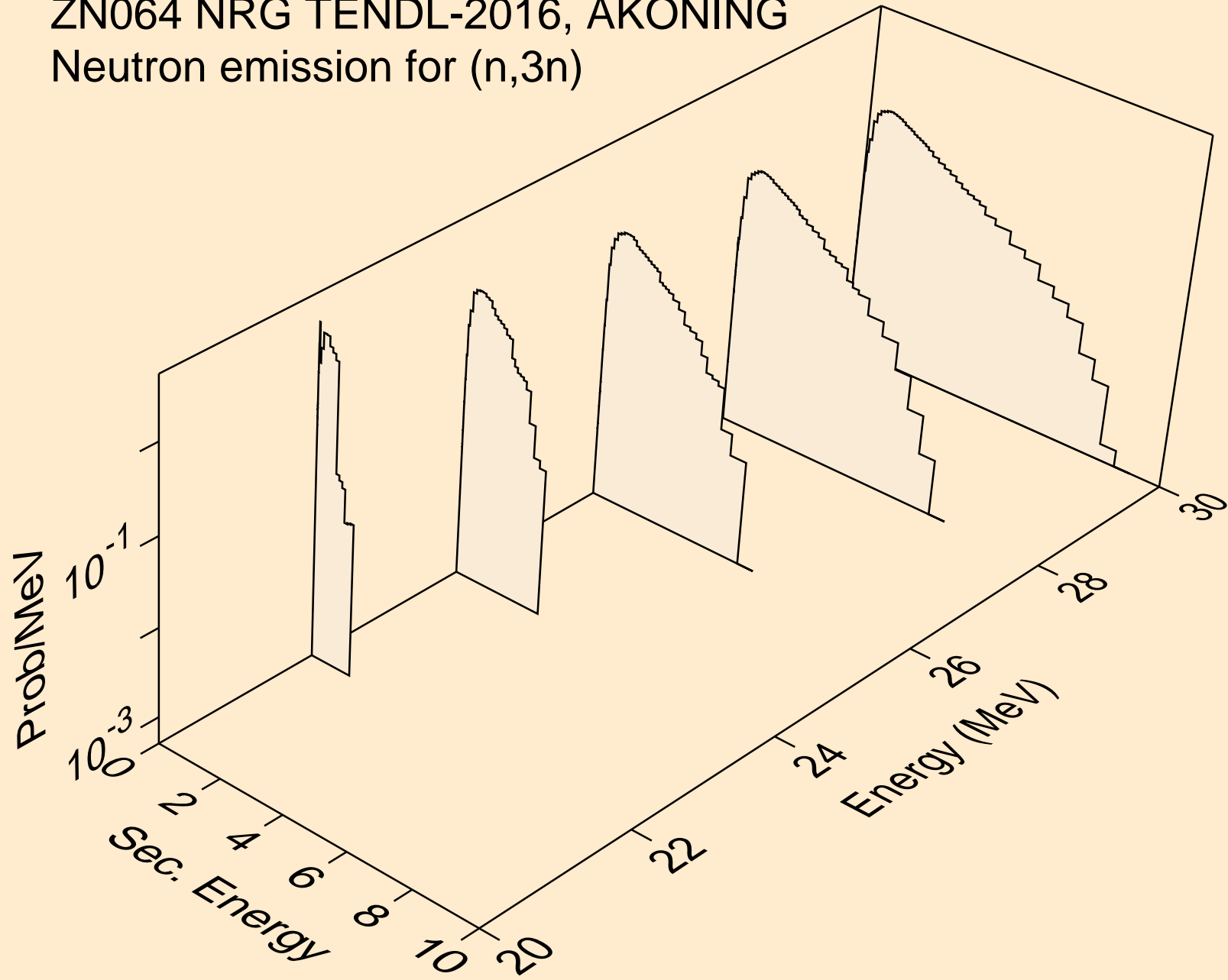
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,2nd)



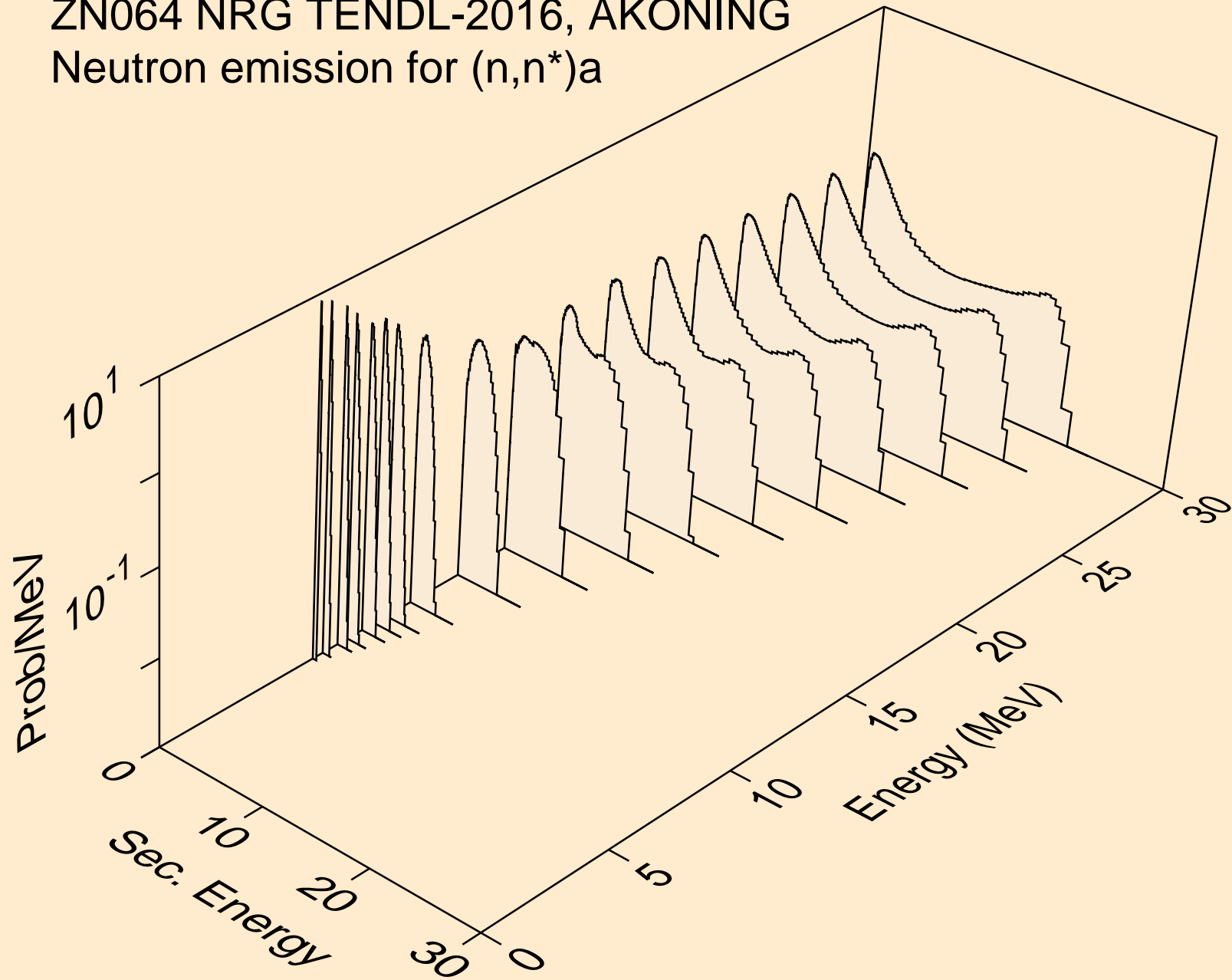
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)



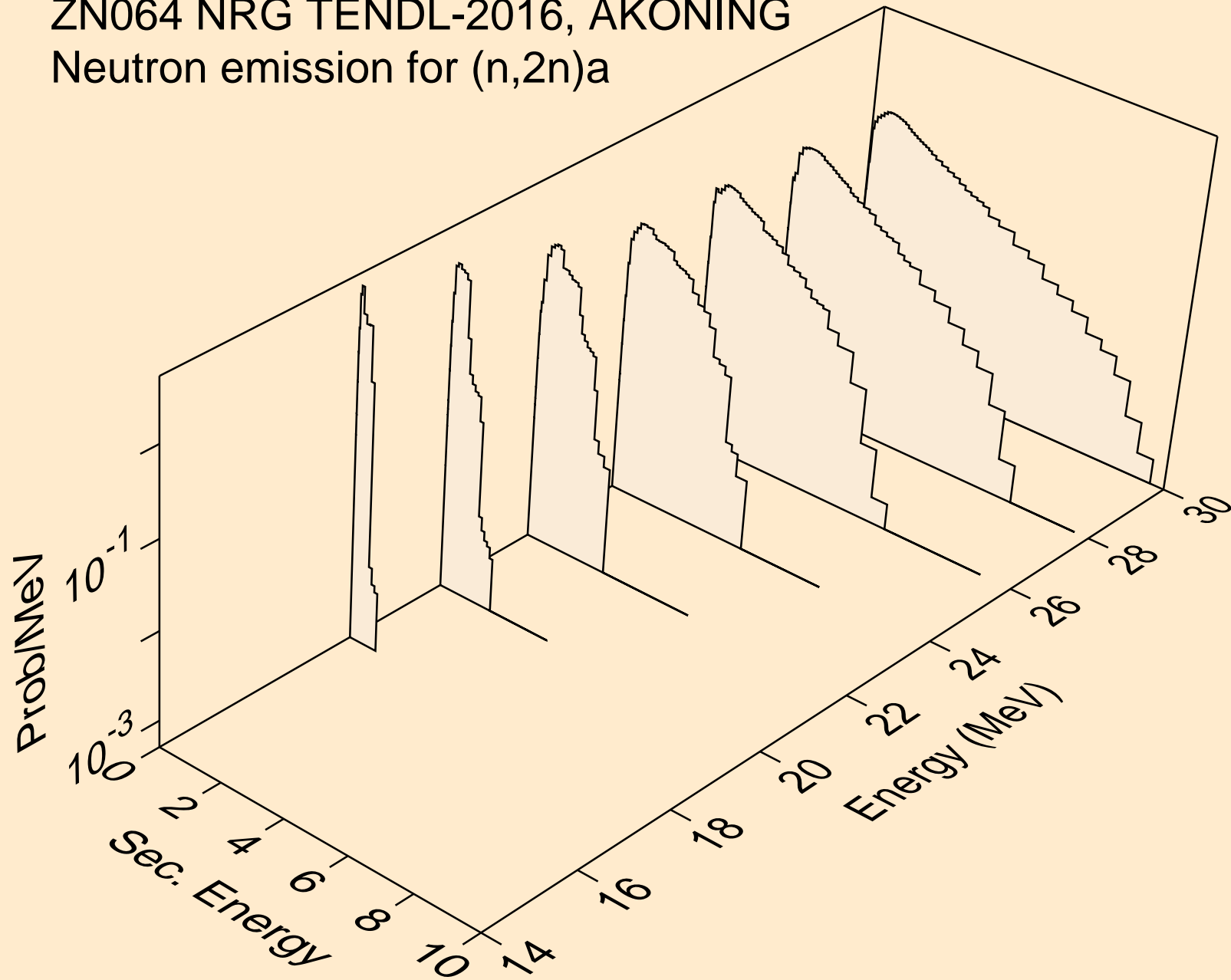
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)



ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)a

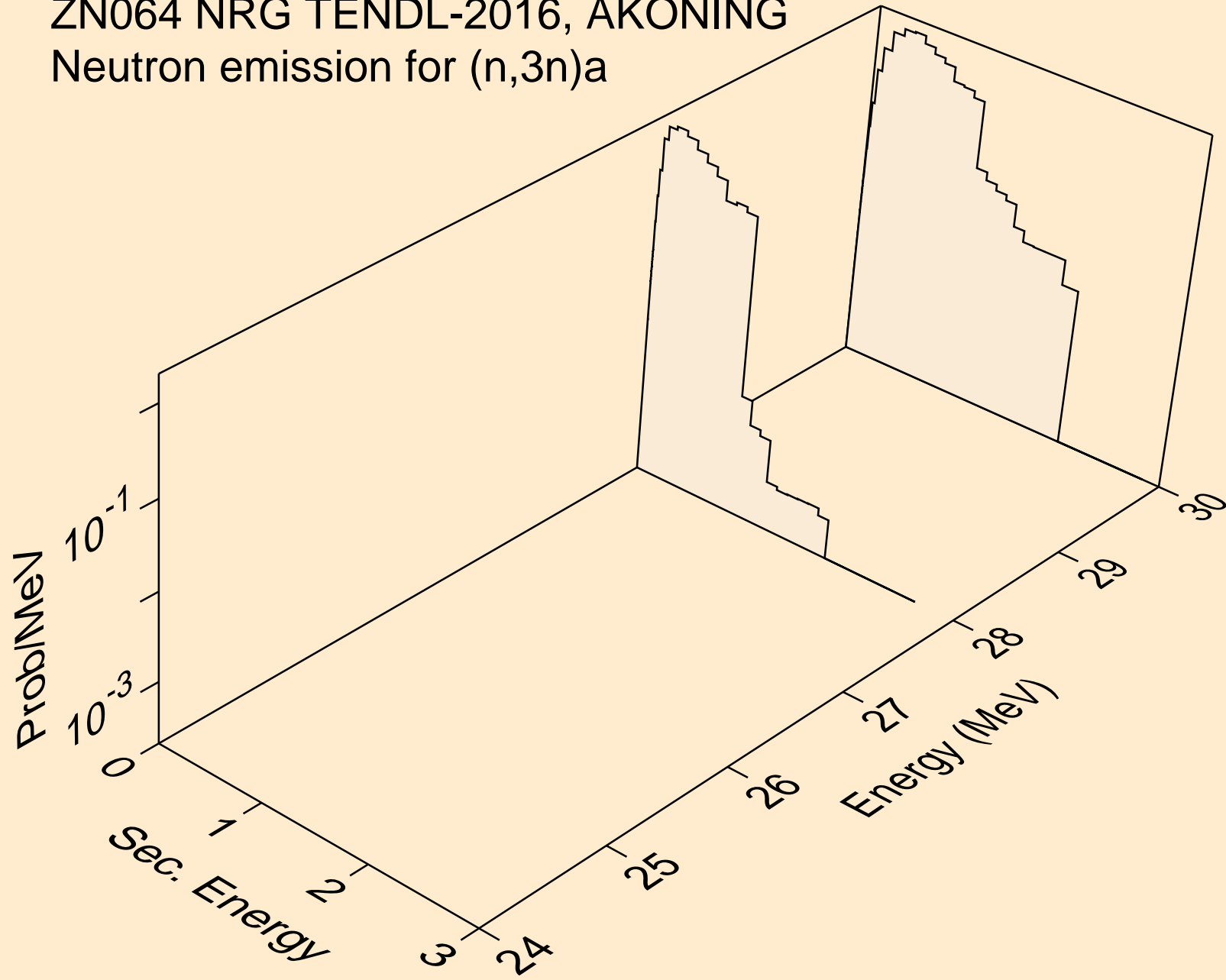


ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

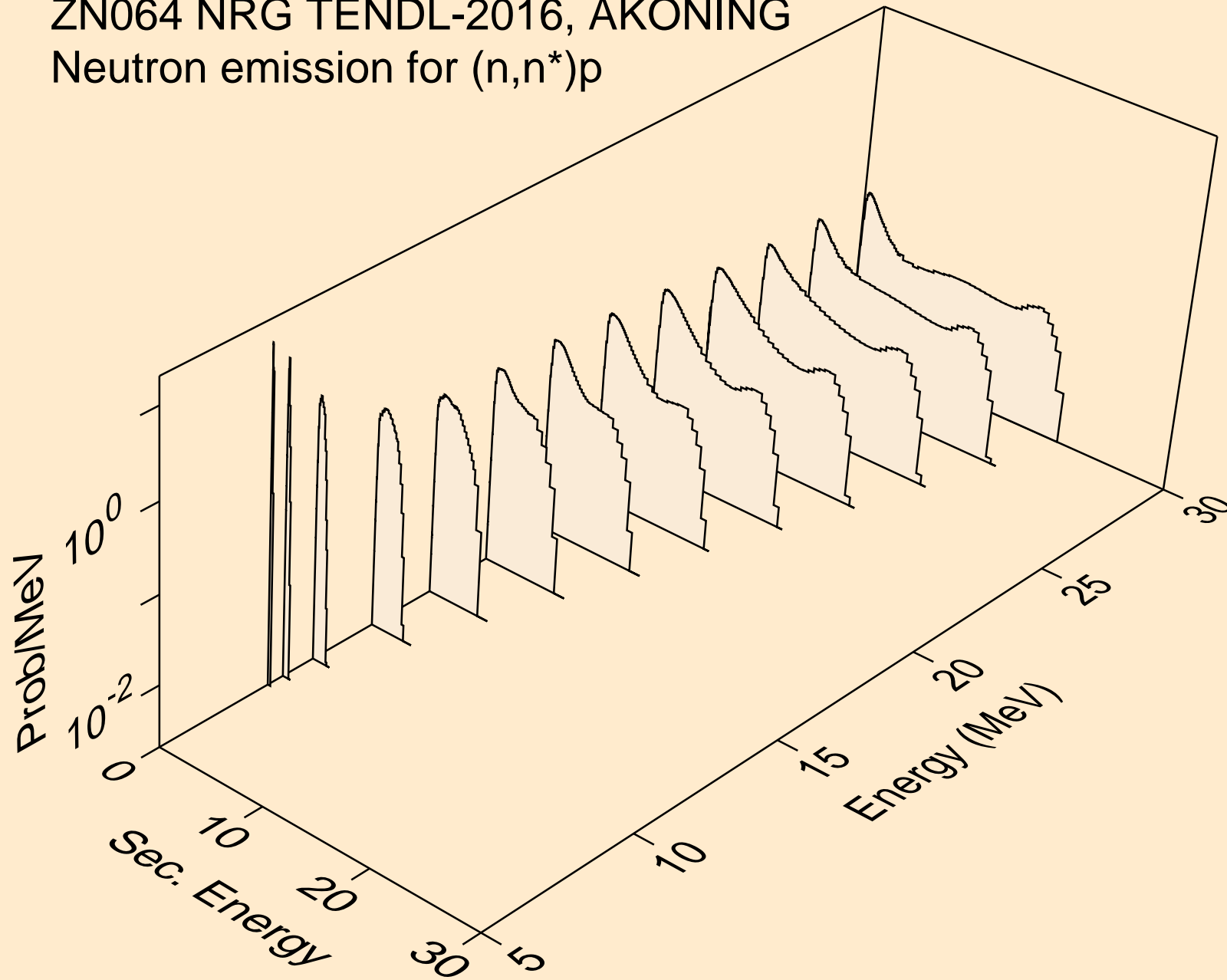




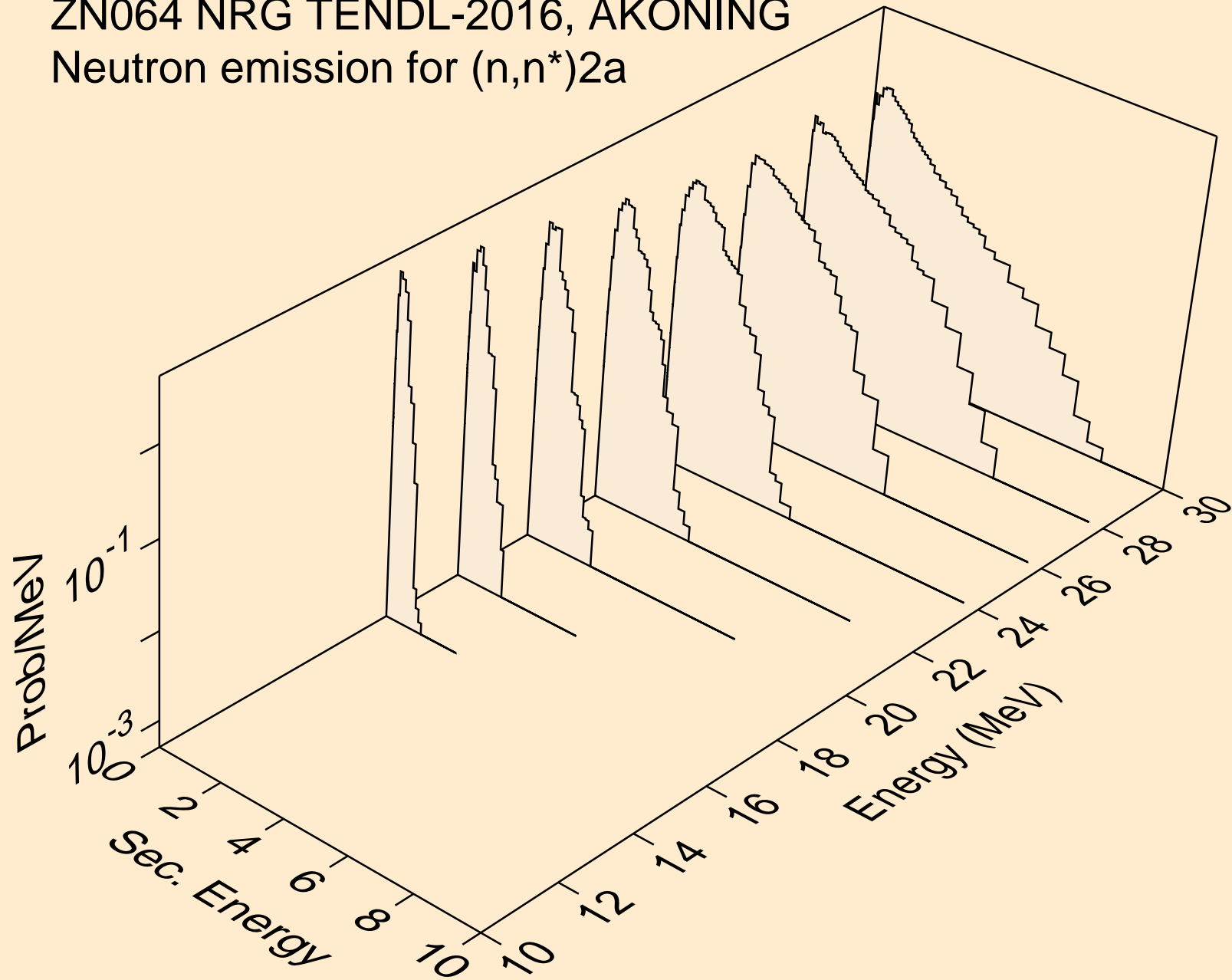
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)a



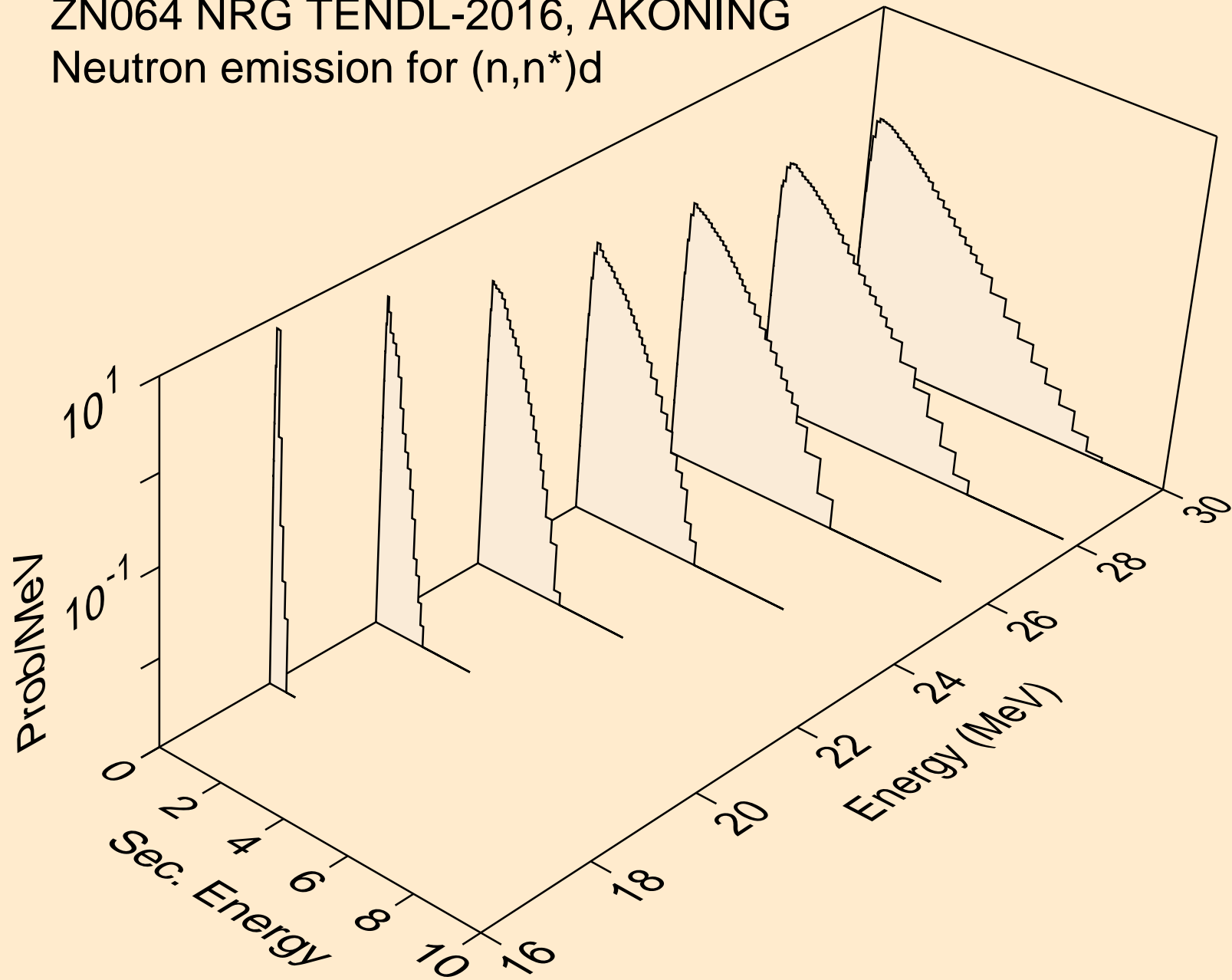
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)p



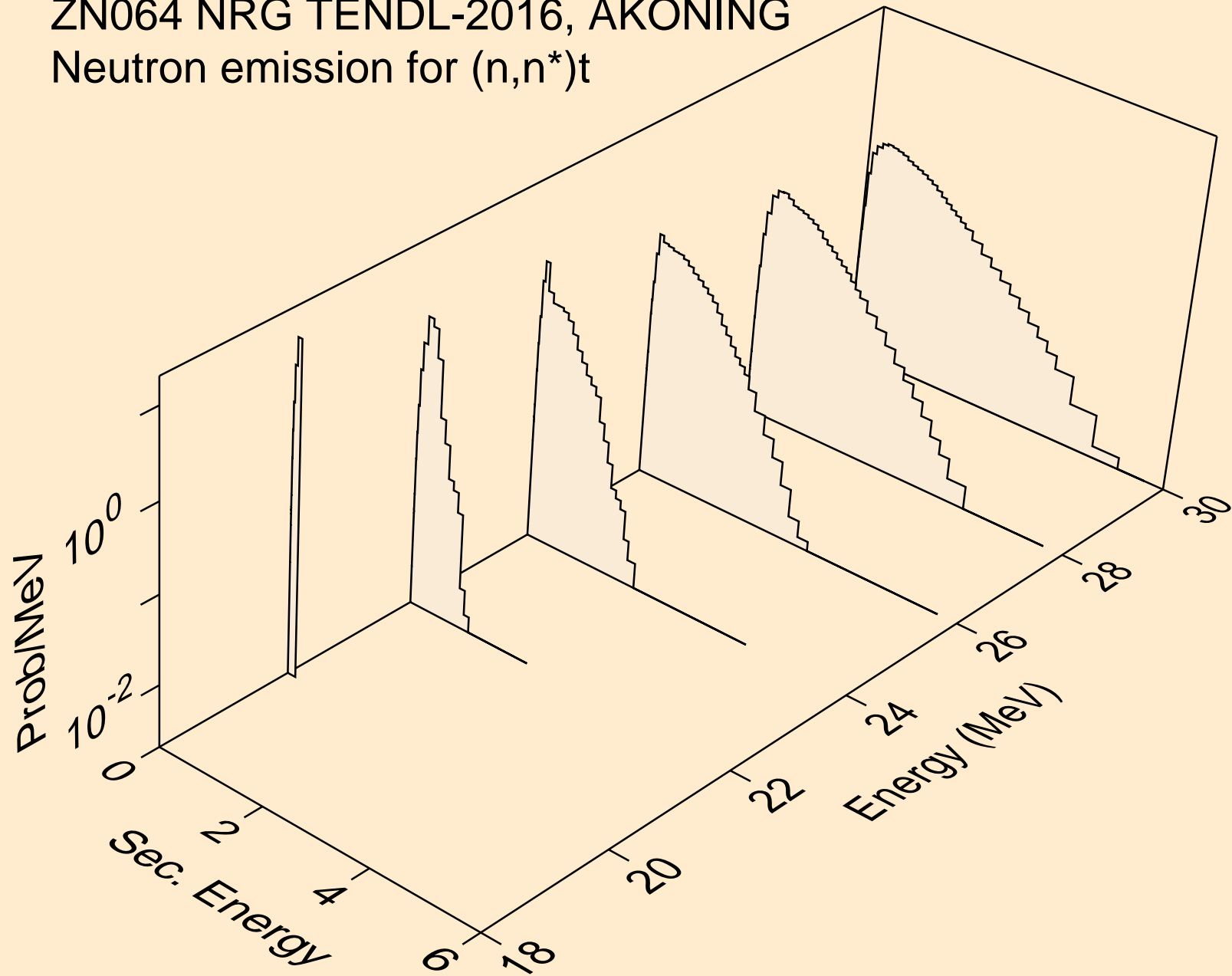
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)2a



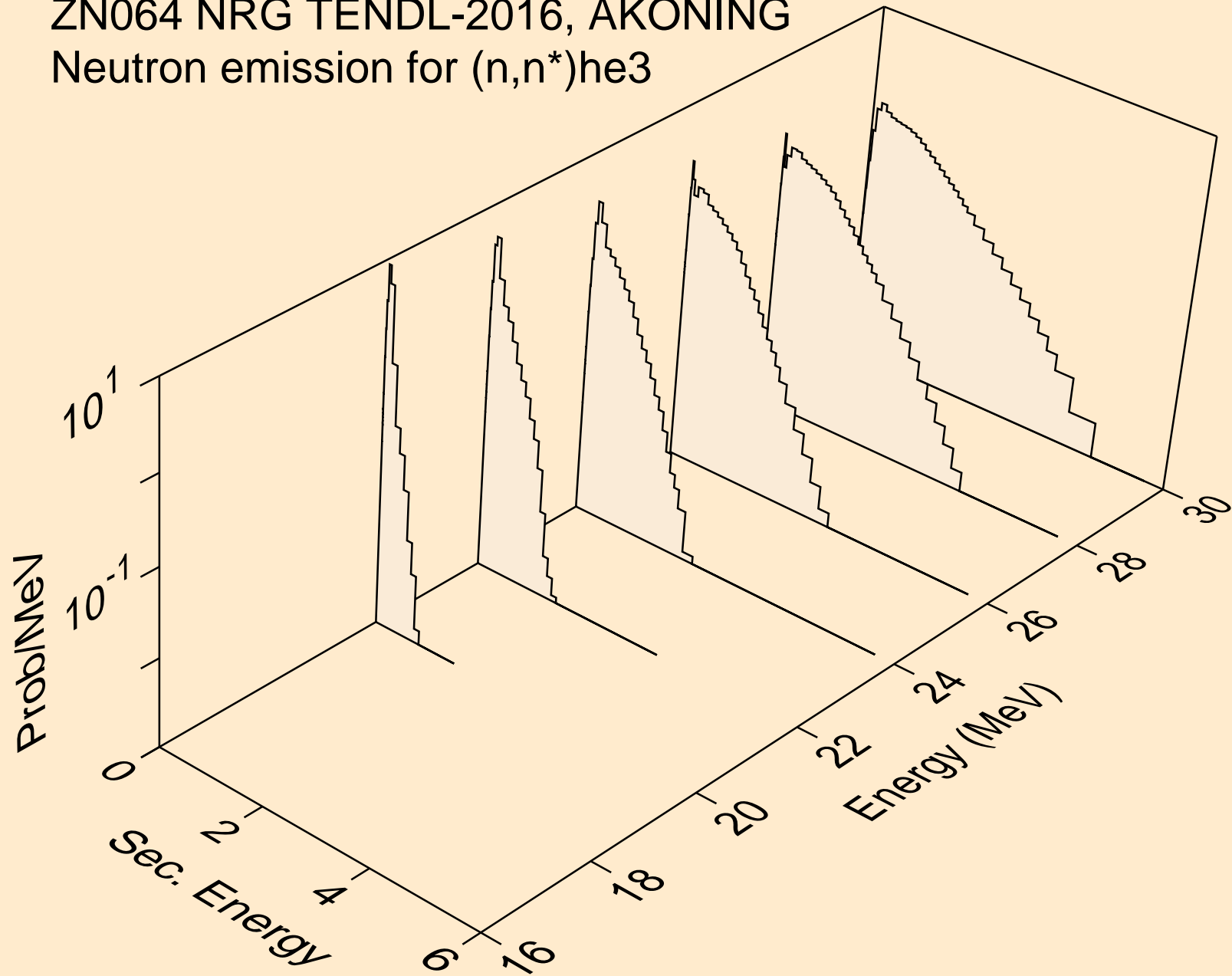
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)d



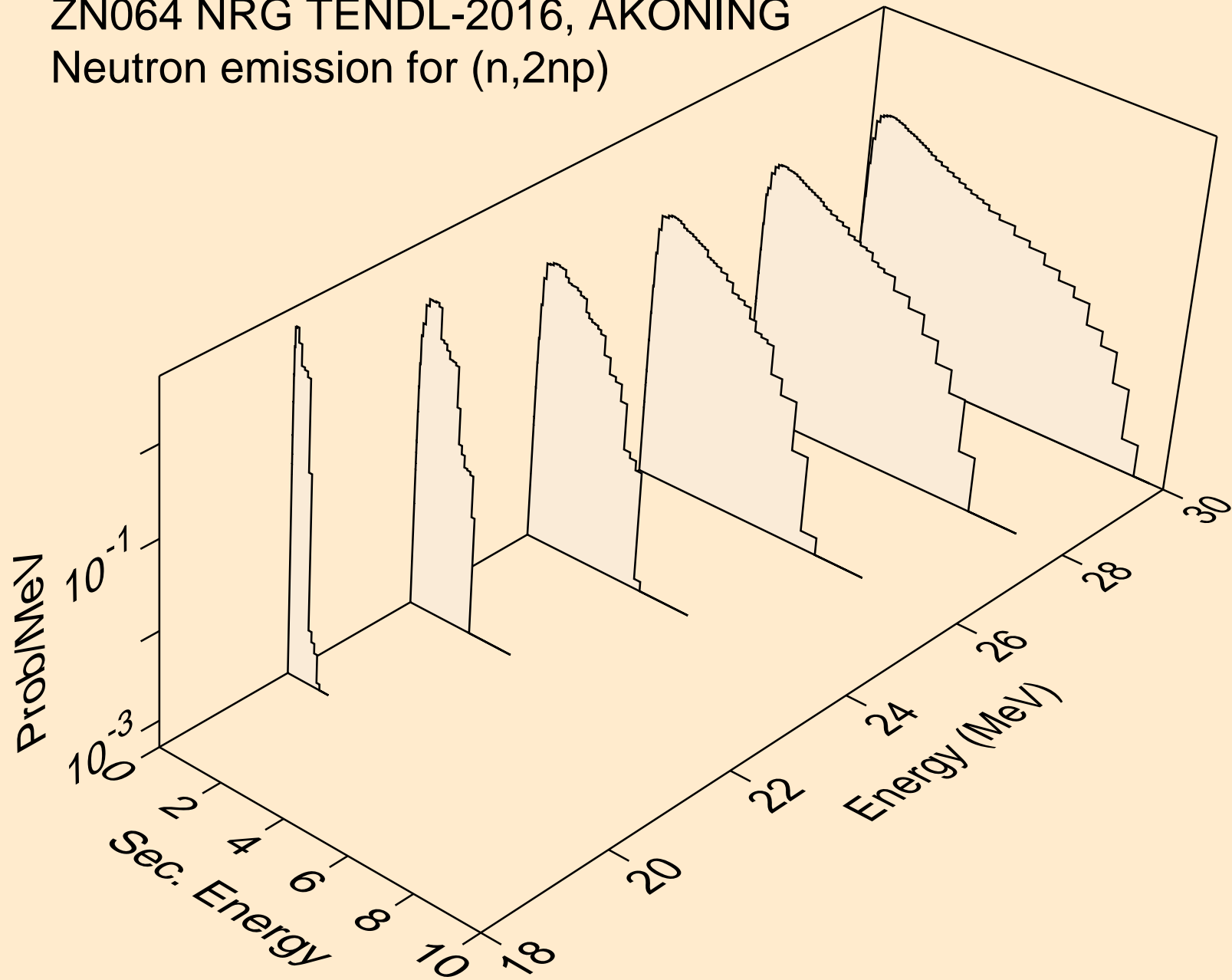
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)t



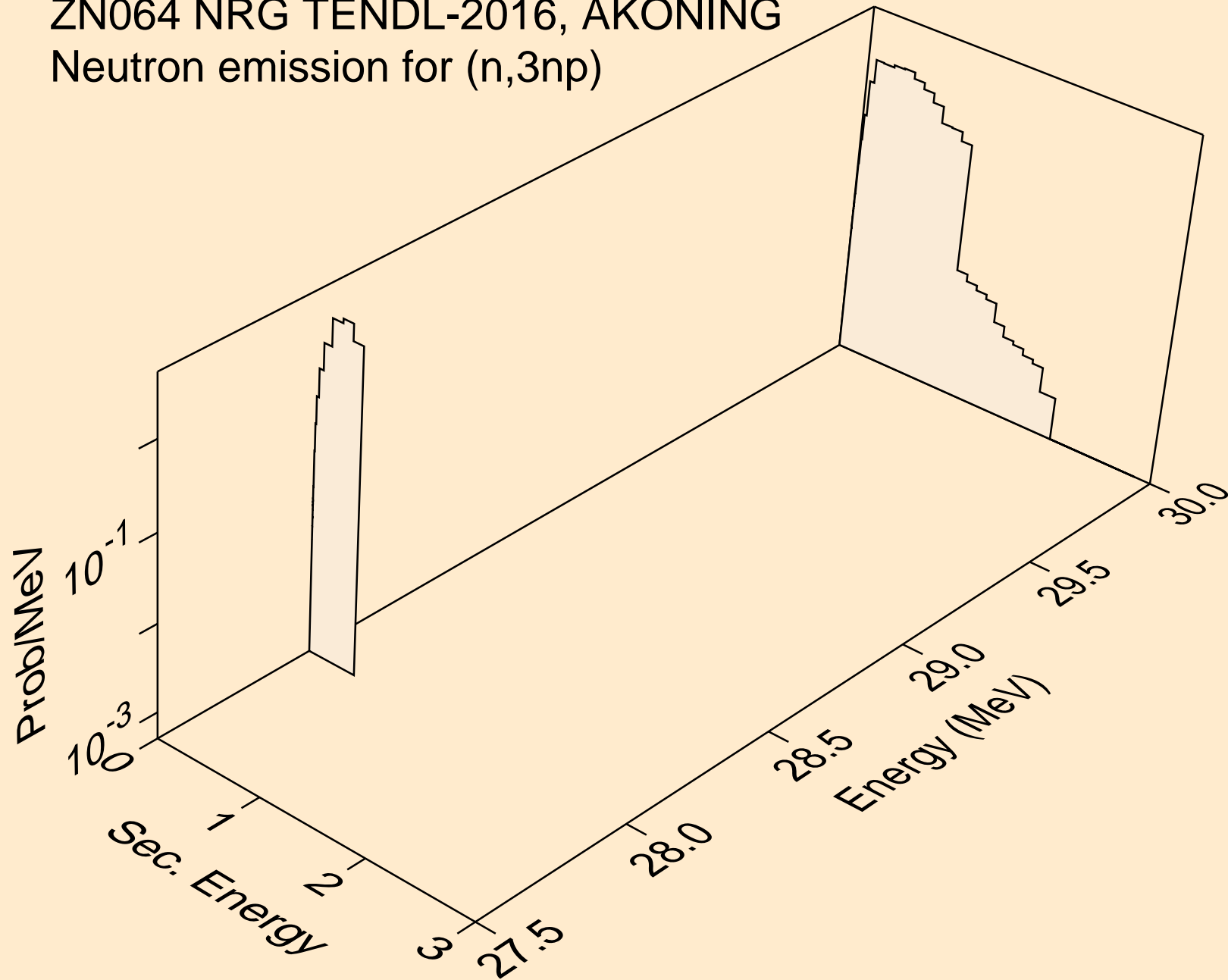
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)he3



ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)

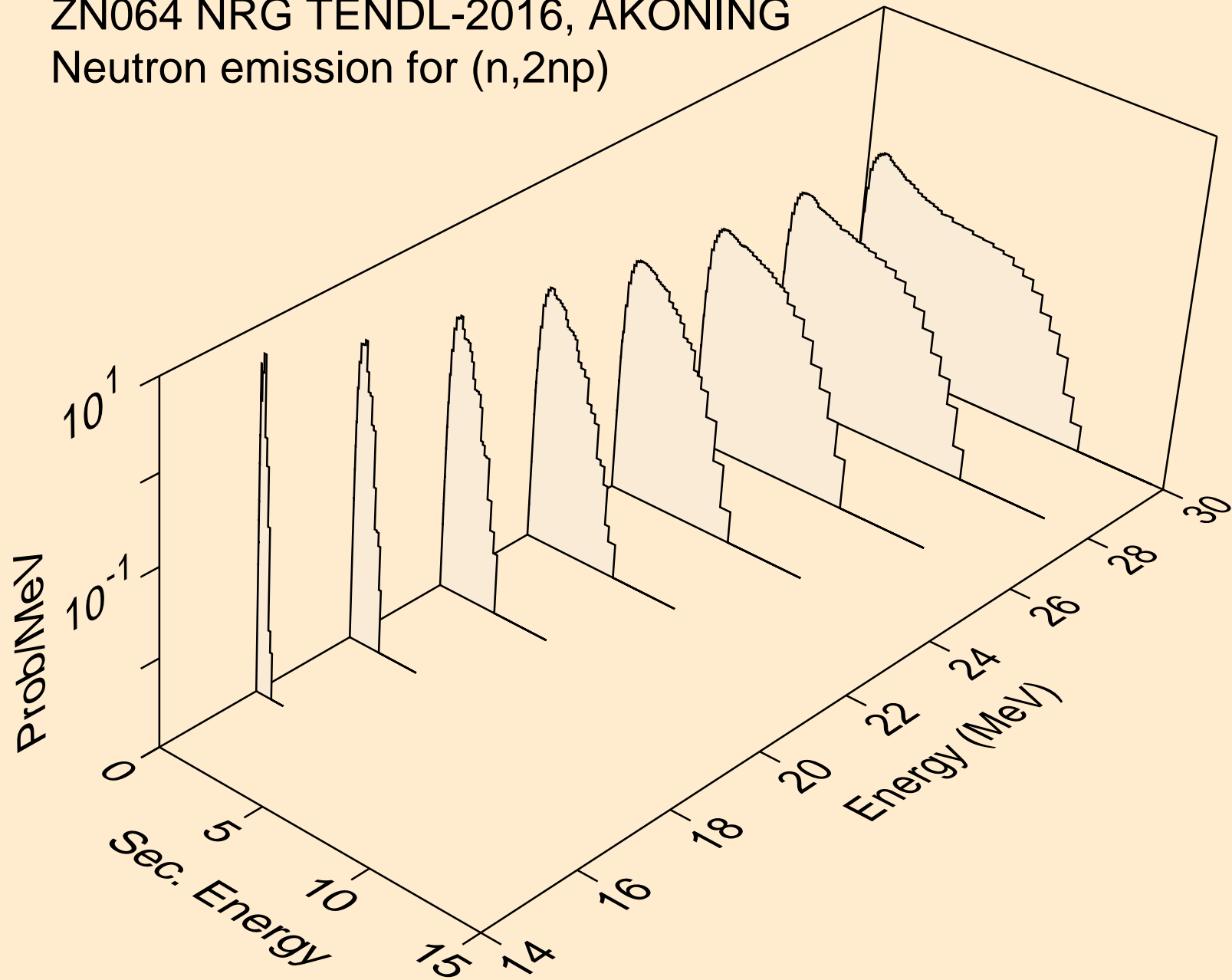


ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,3np)

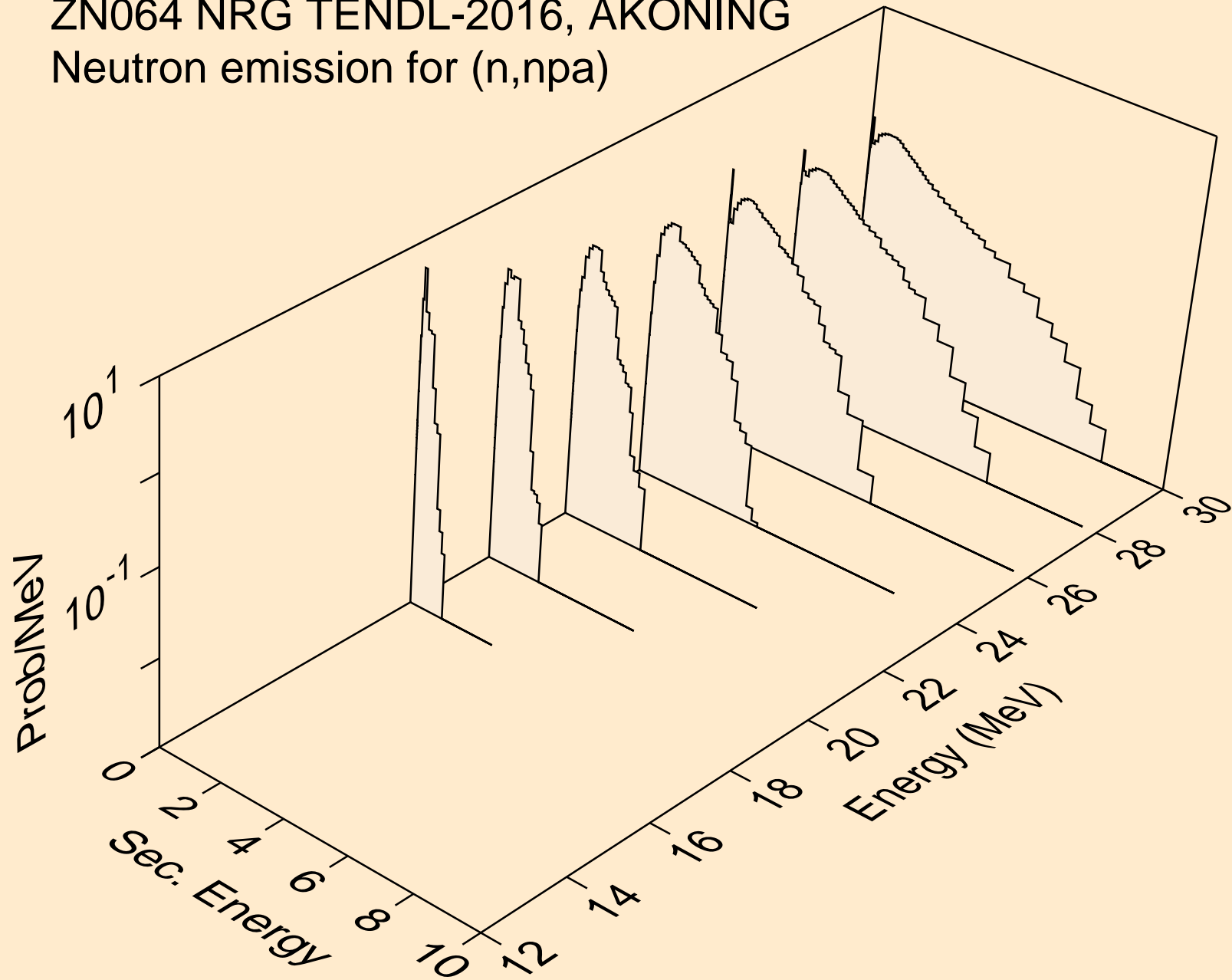




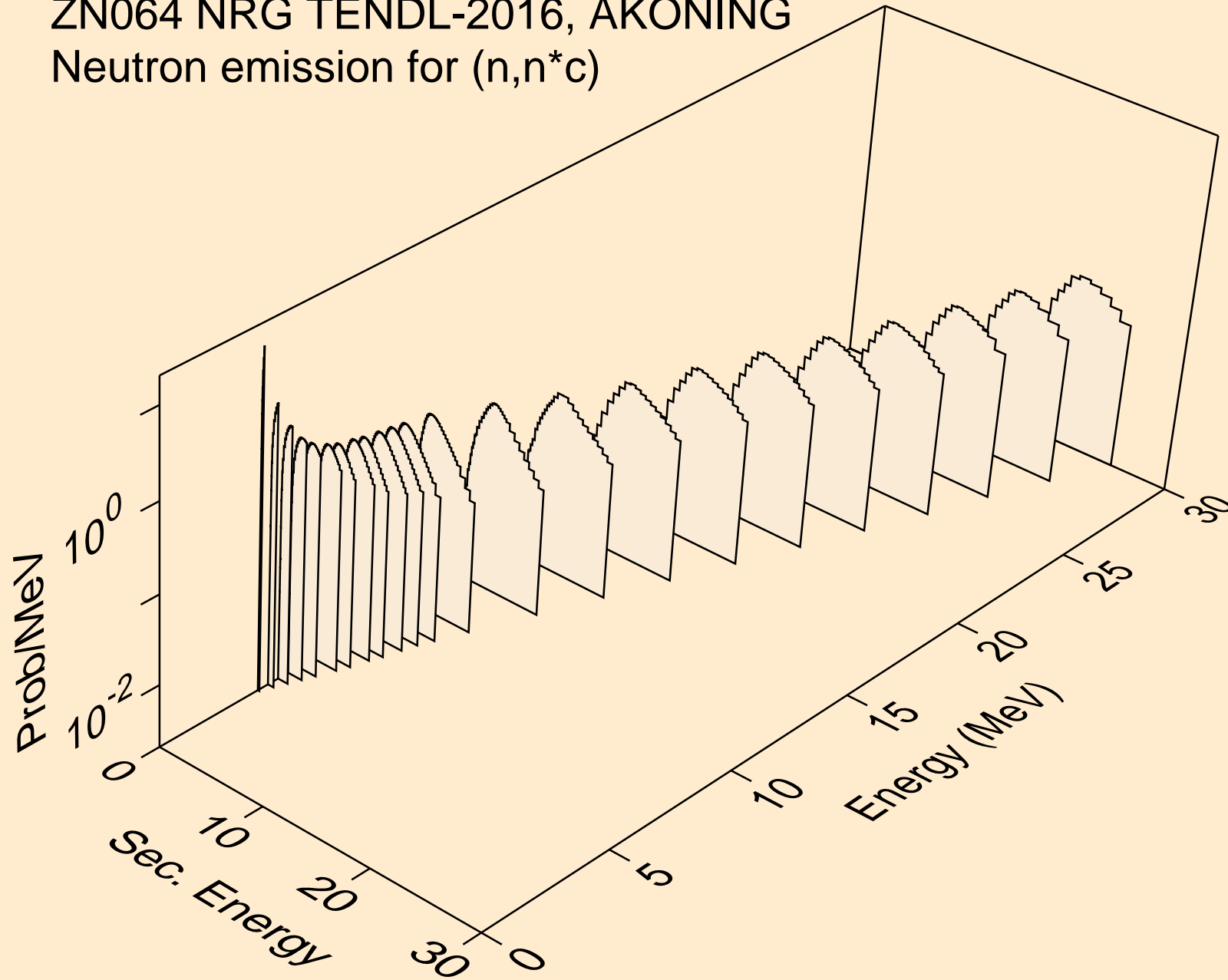
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)



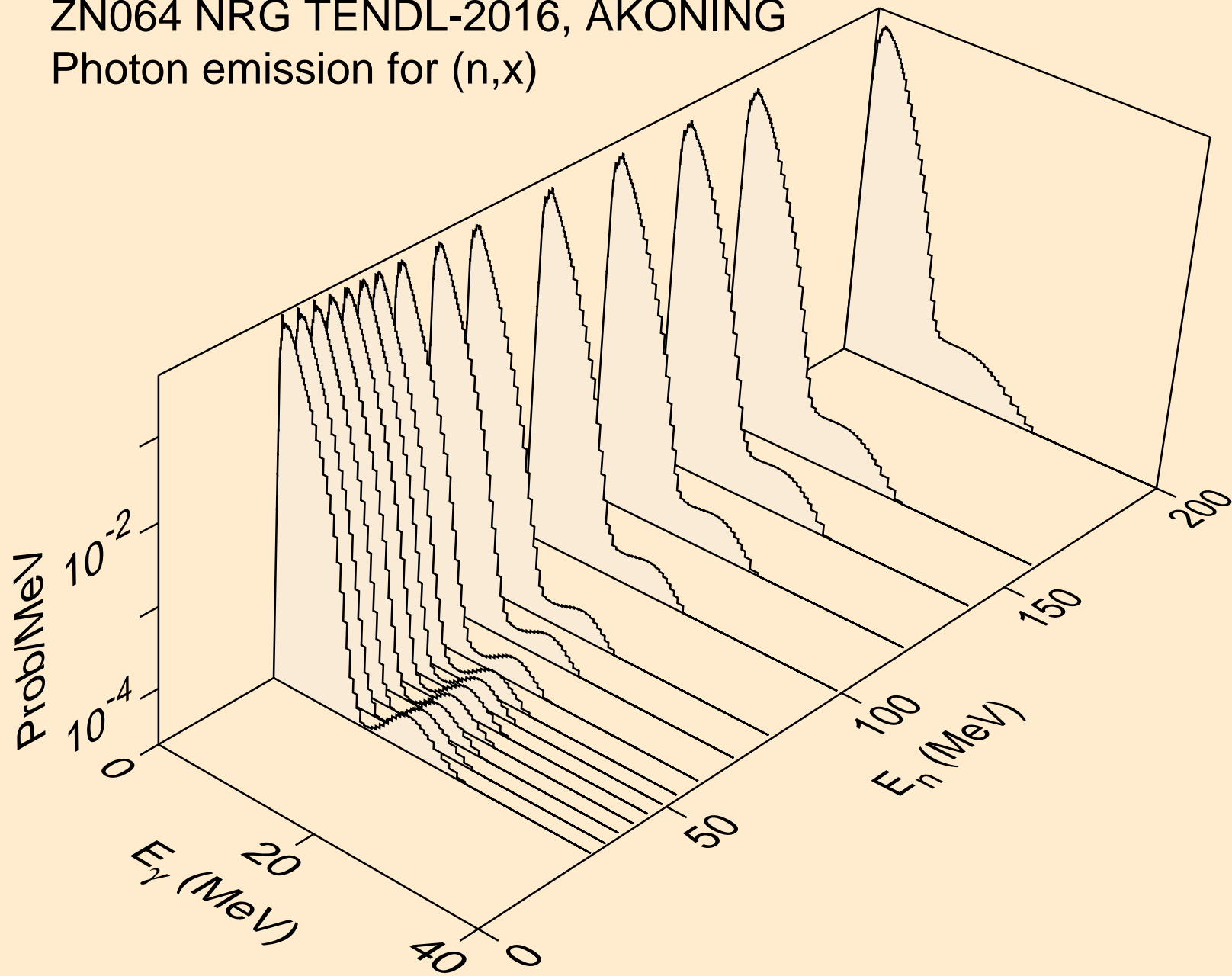
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,npa)



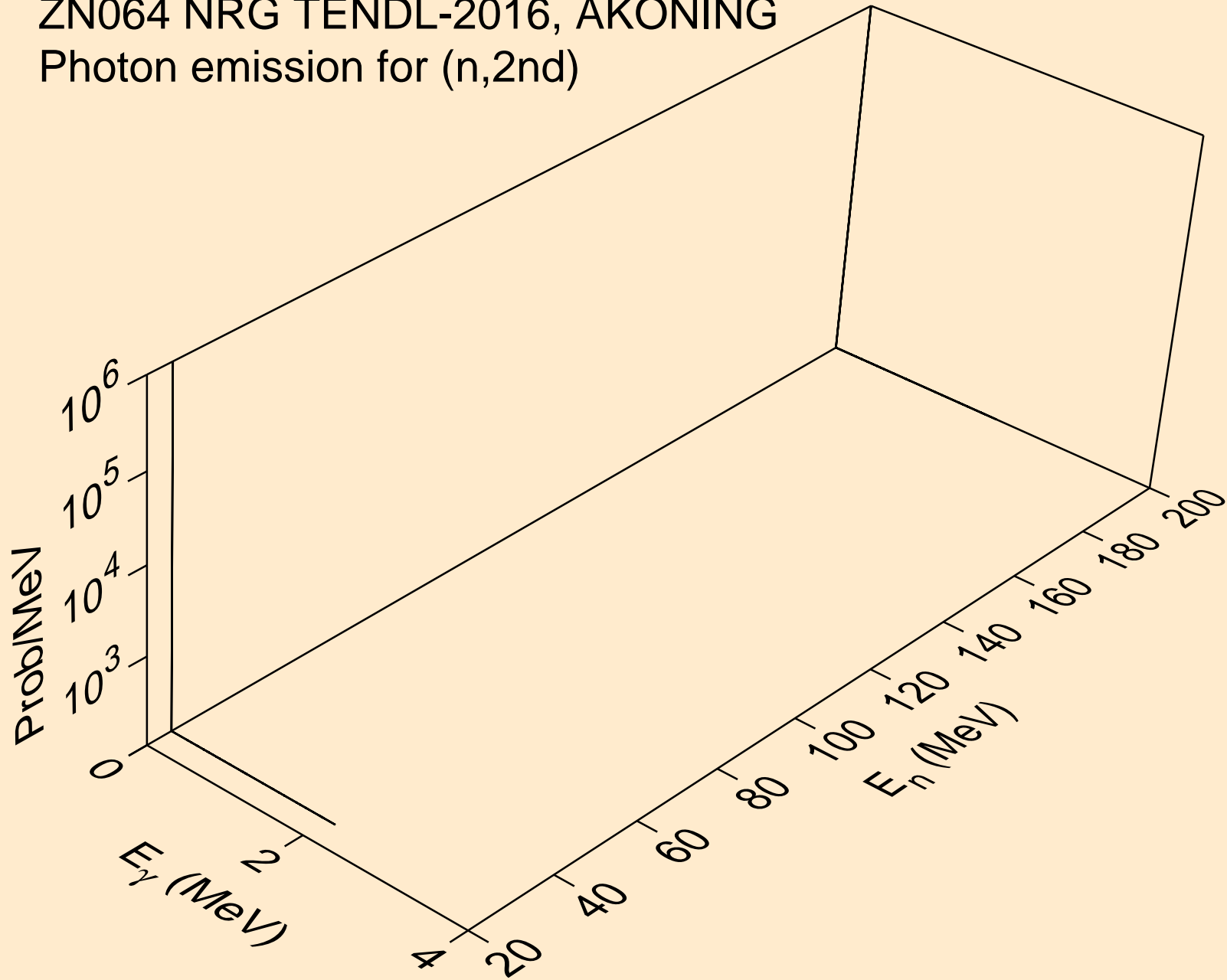
ZN064 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*c)



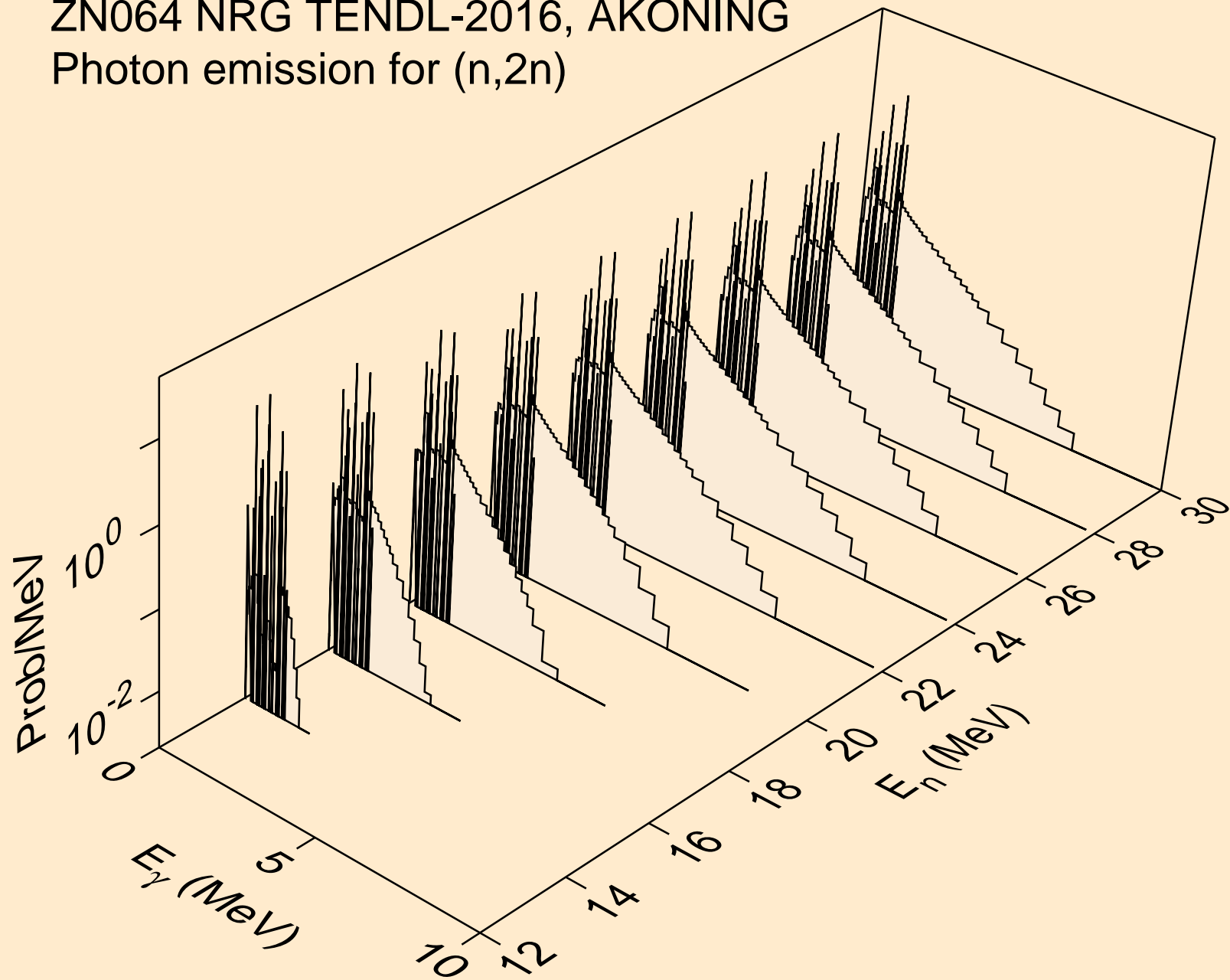
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,x)



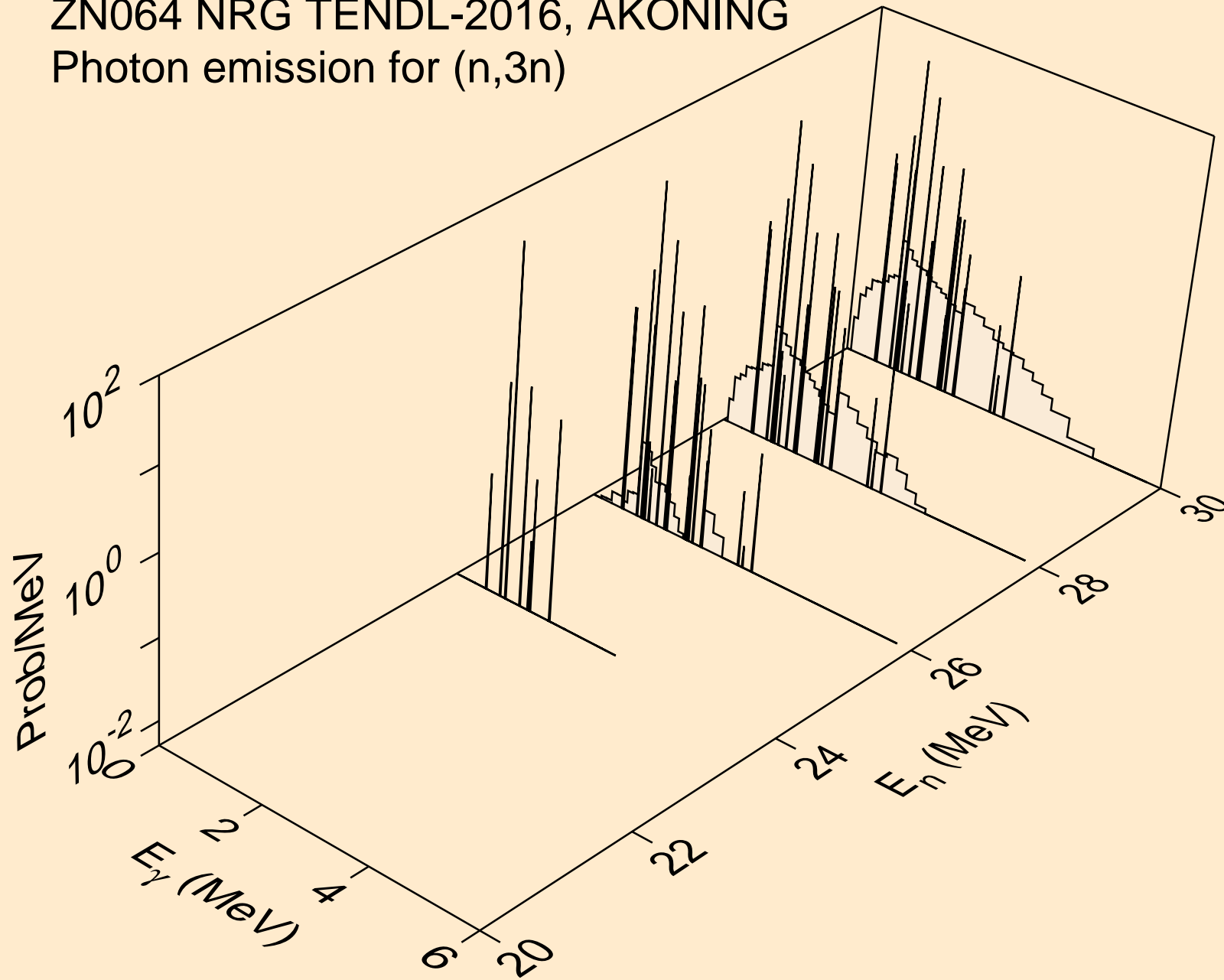
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,2nd)



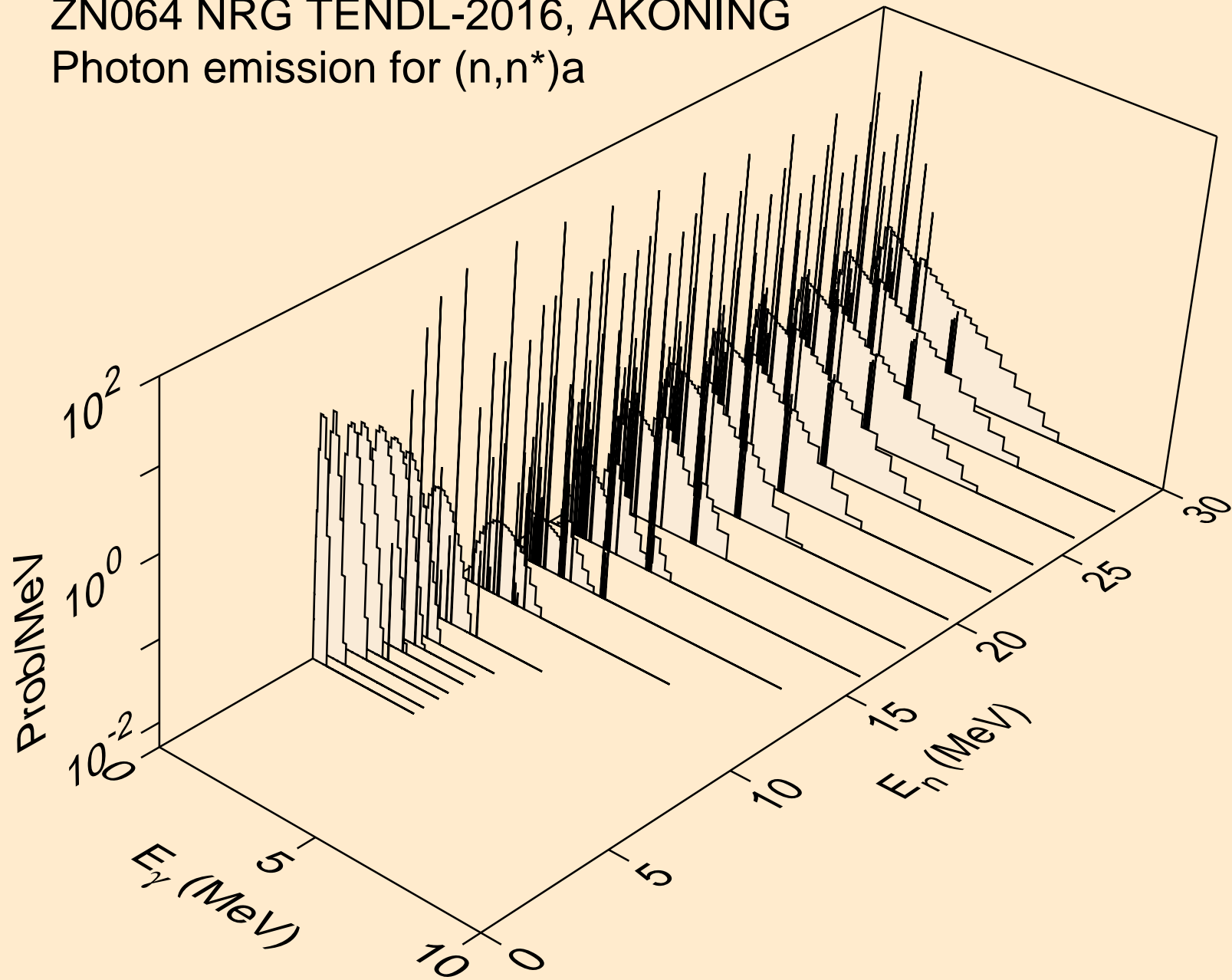
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)



ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)

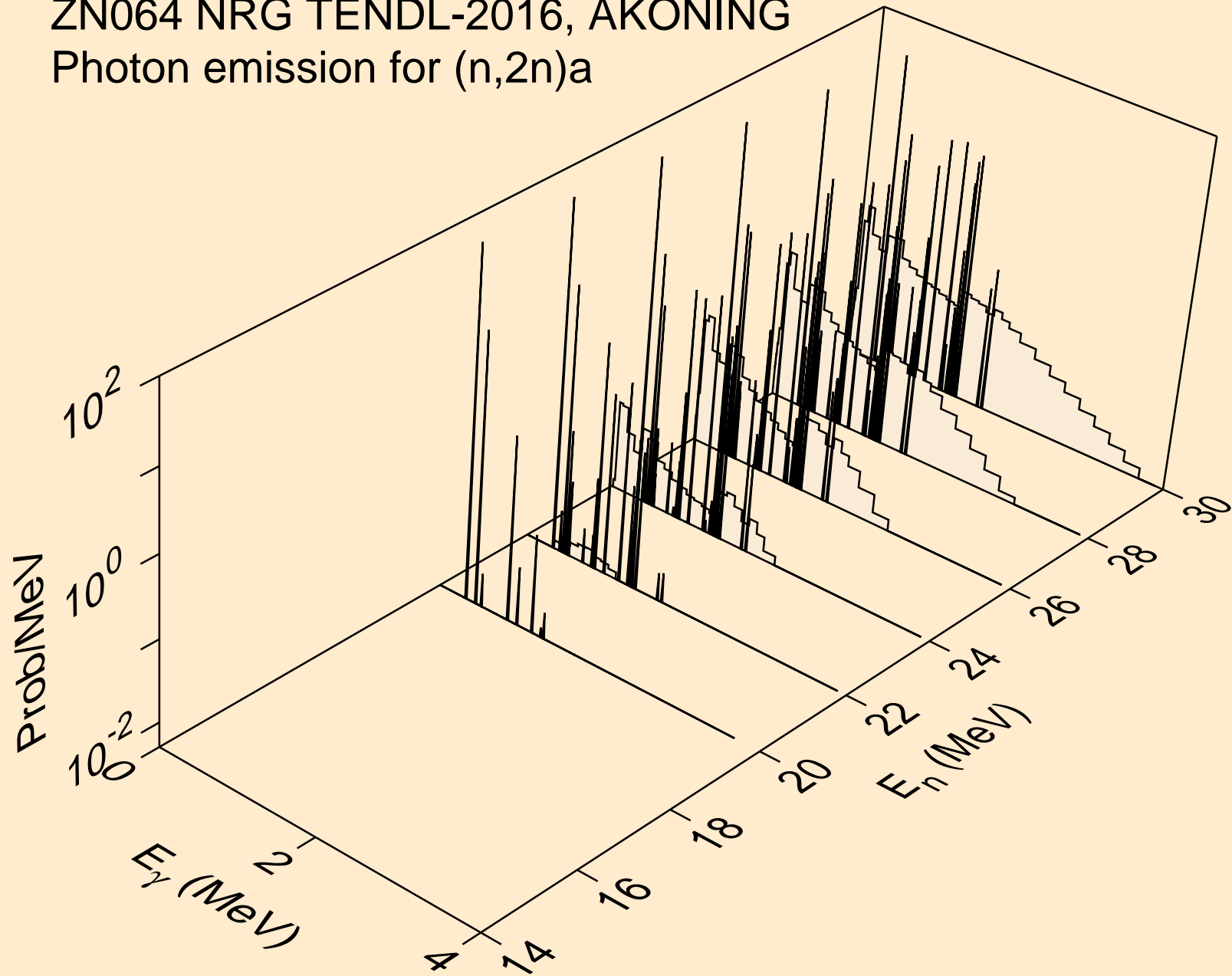


ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)a

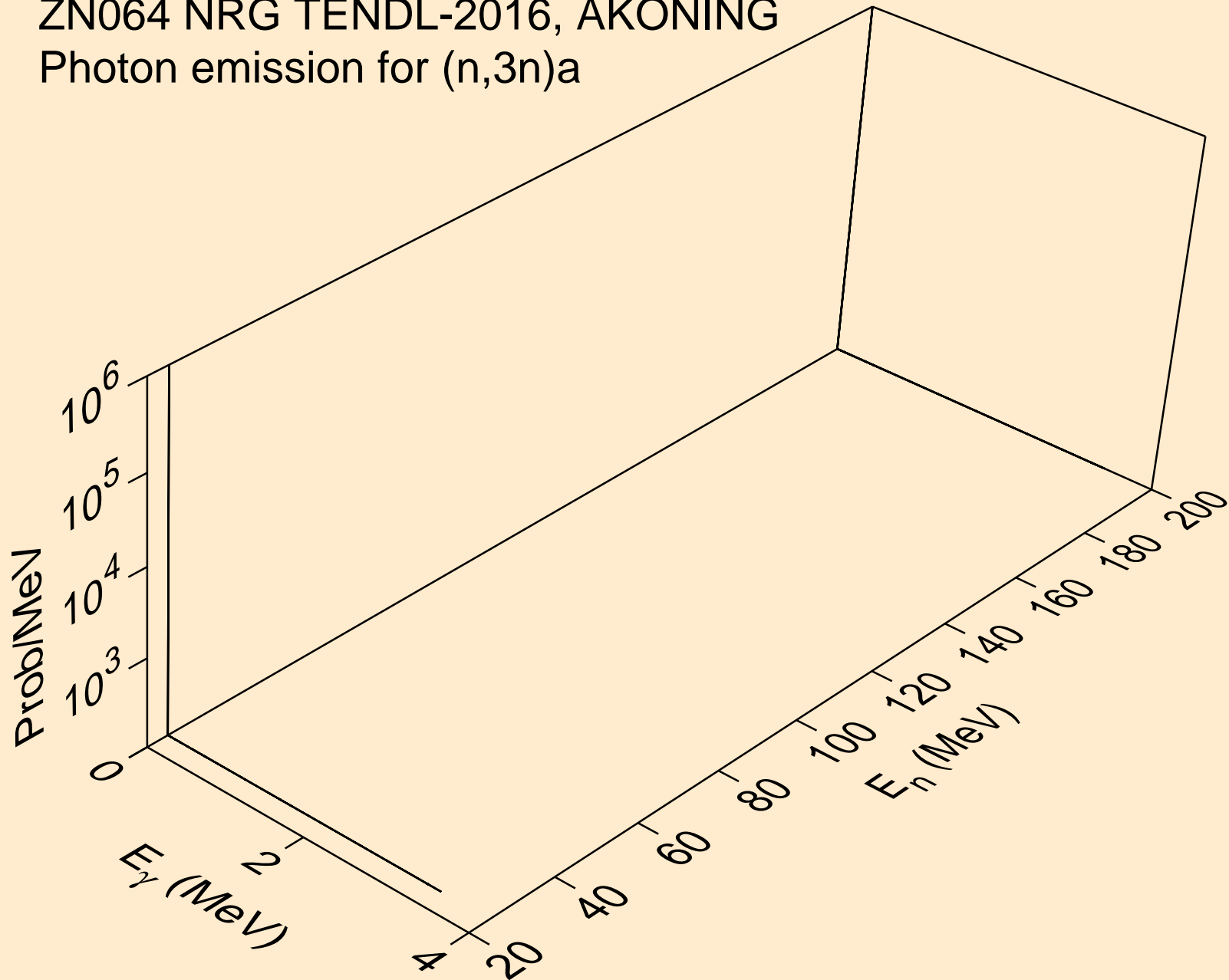




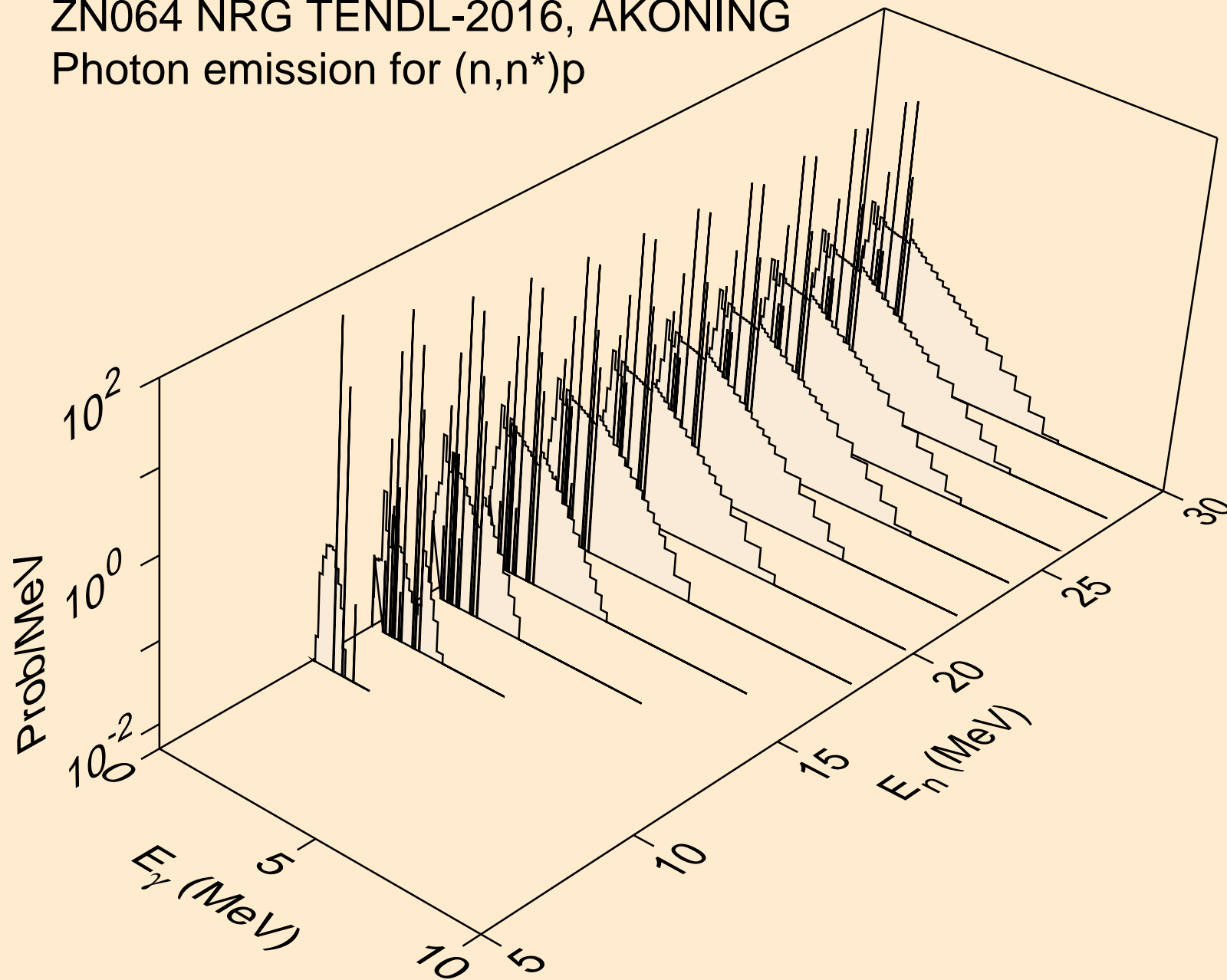
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)a



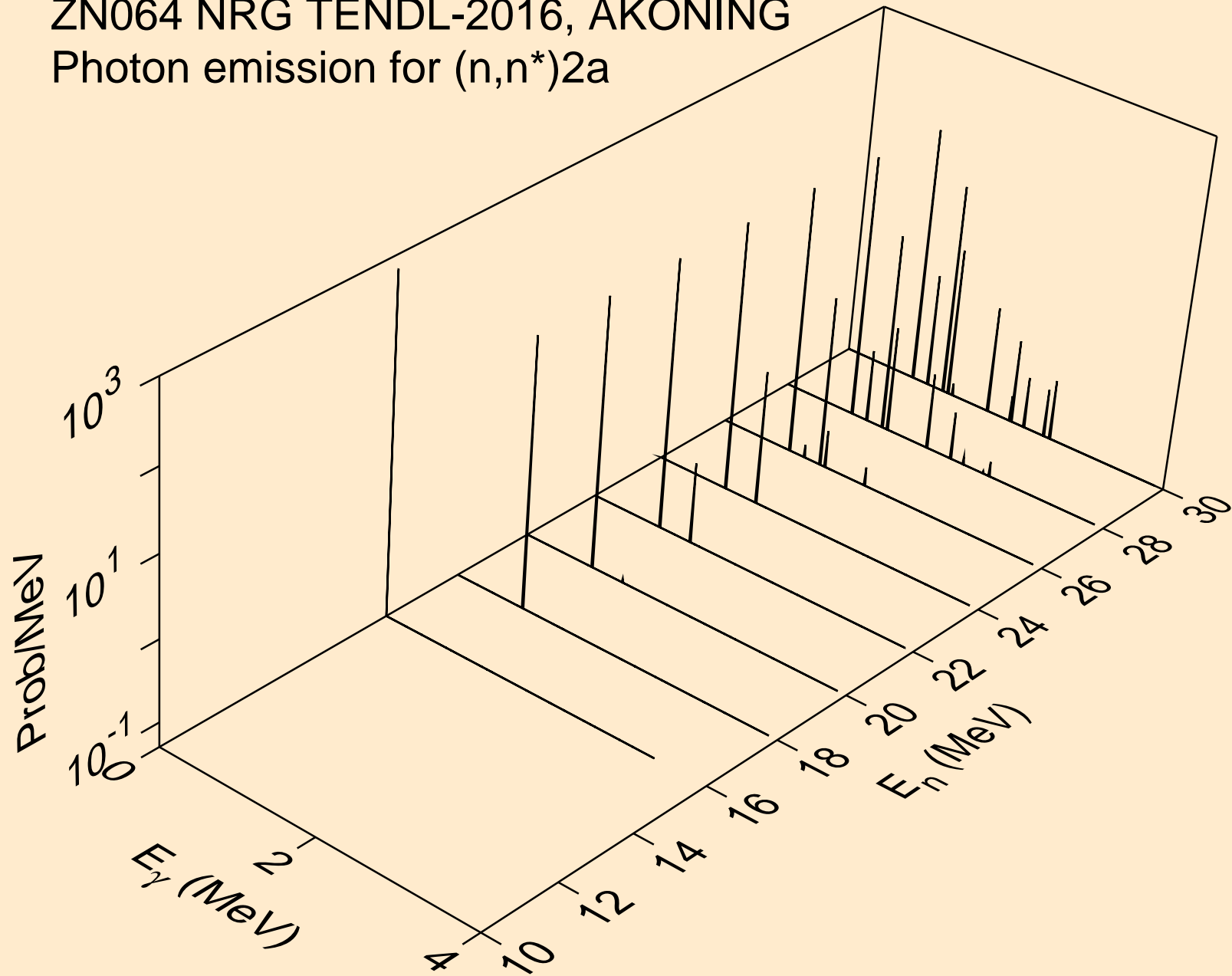
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)a



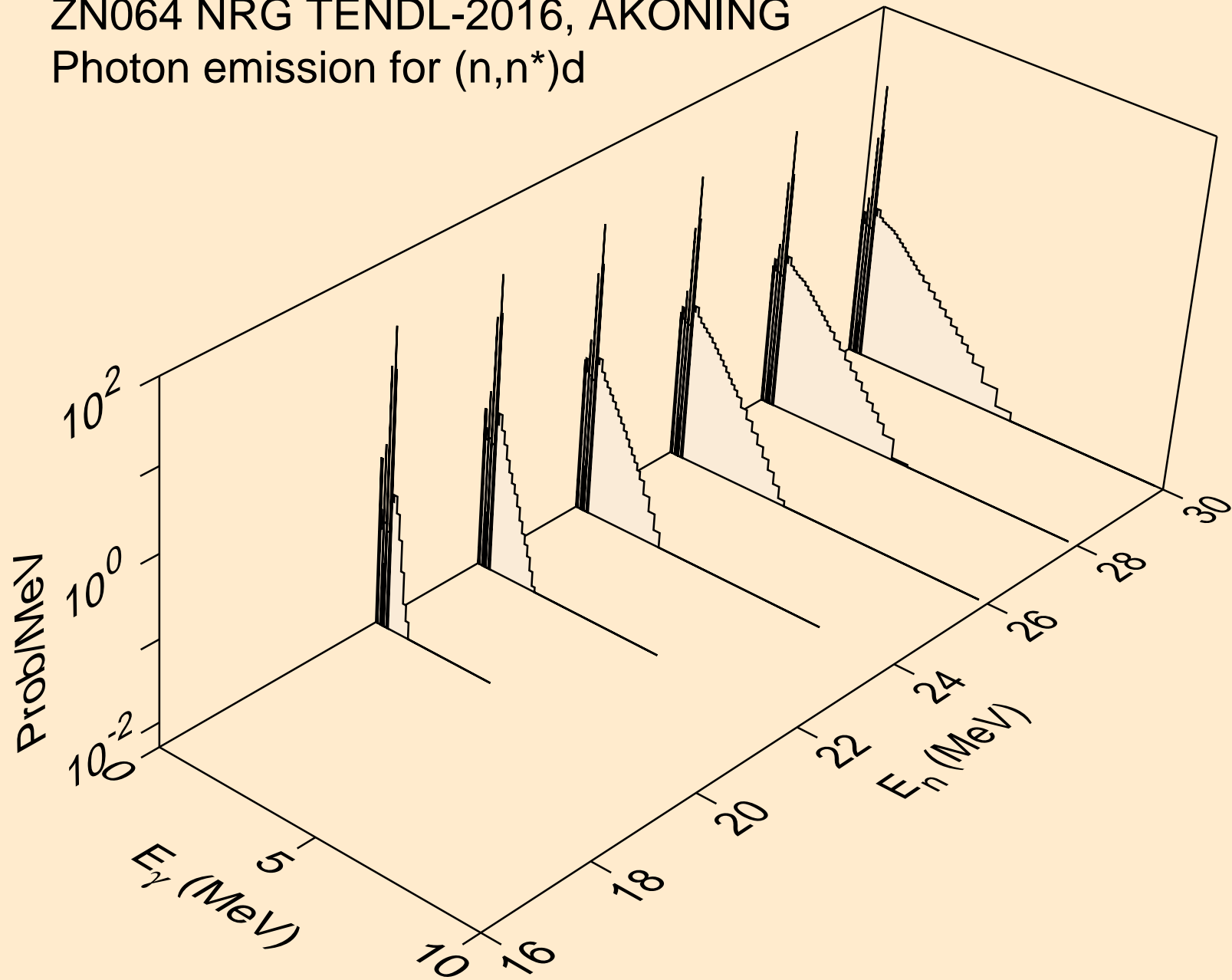
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)p



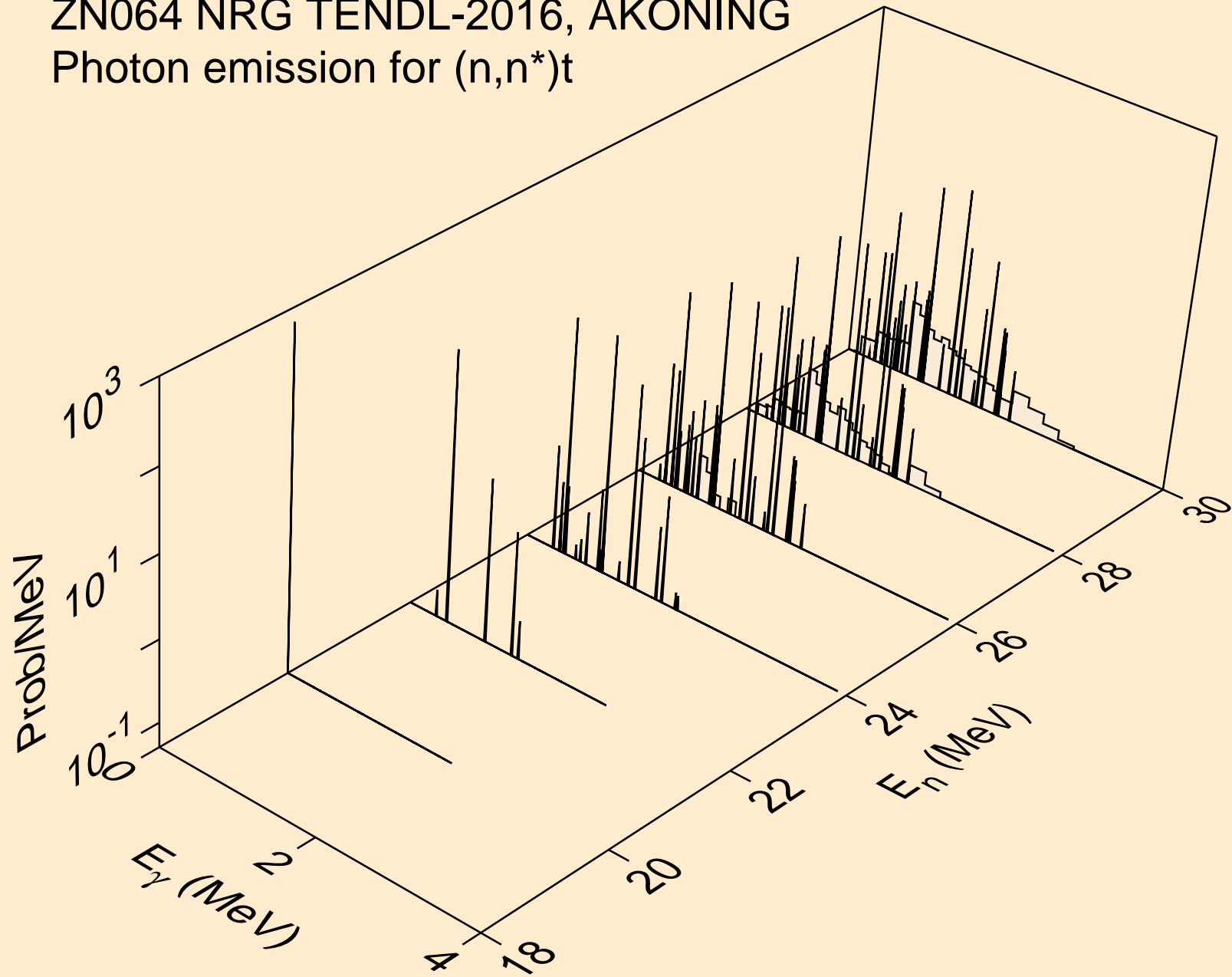
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)2a



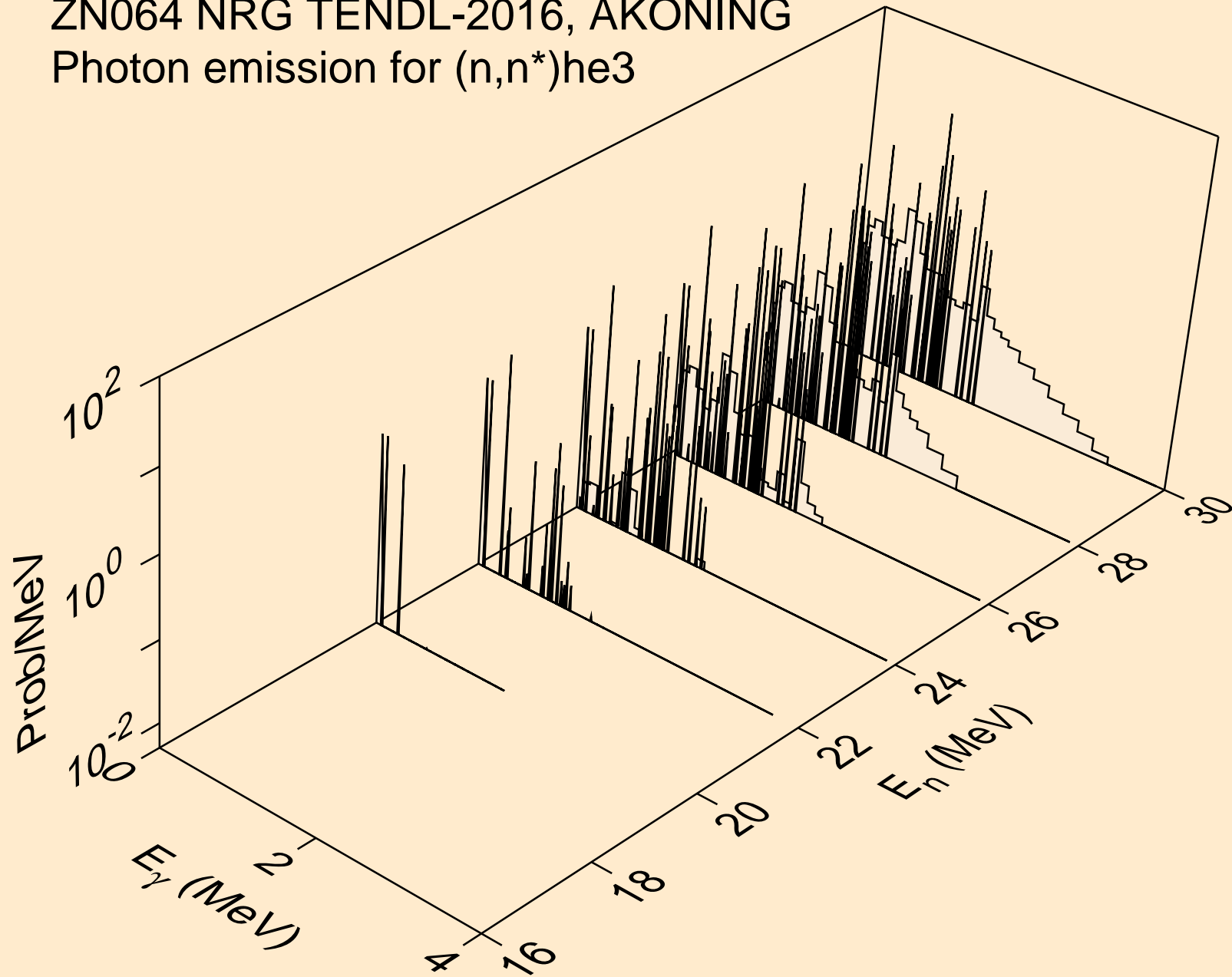
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d



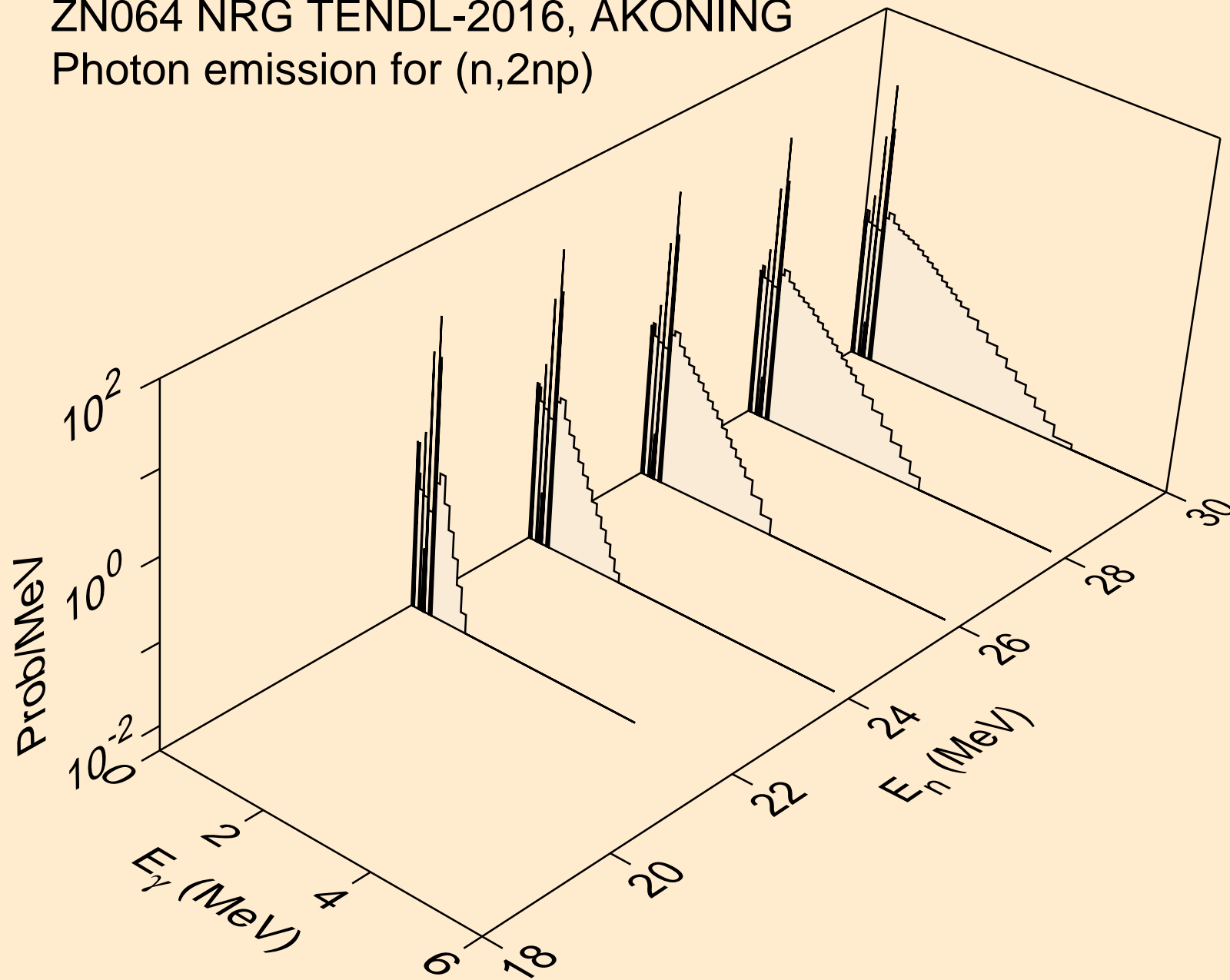
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t



ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)he3

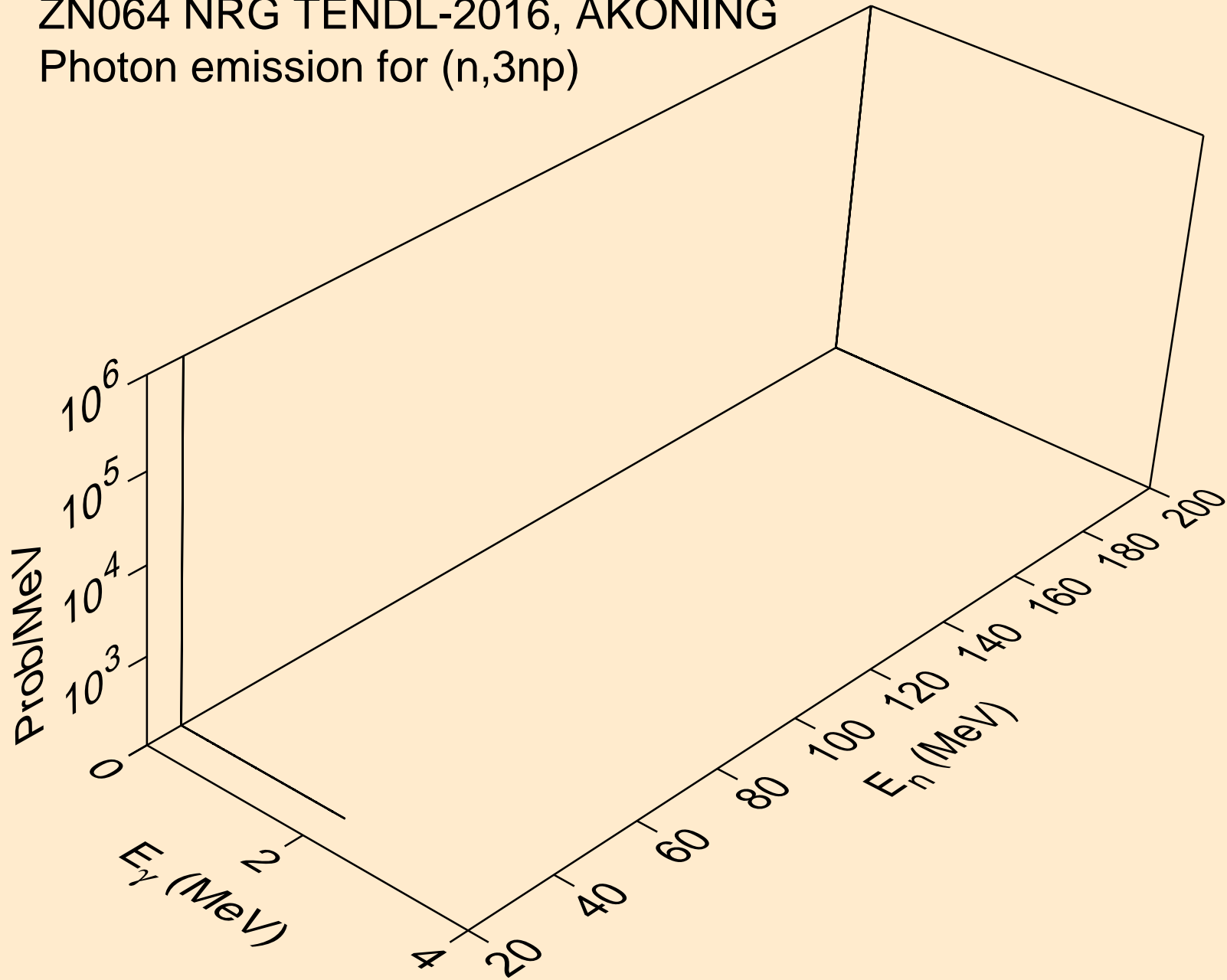


ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,2np)

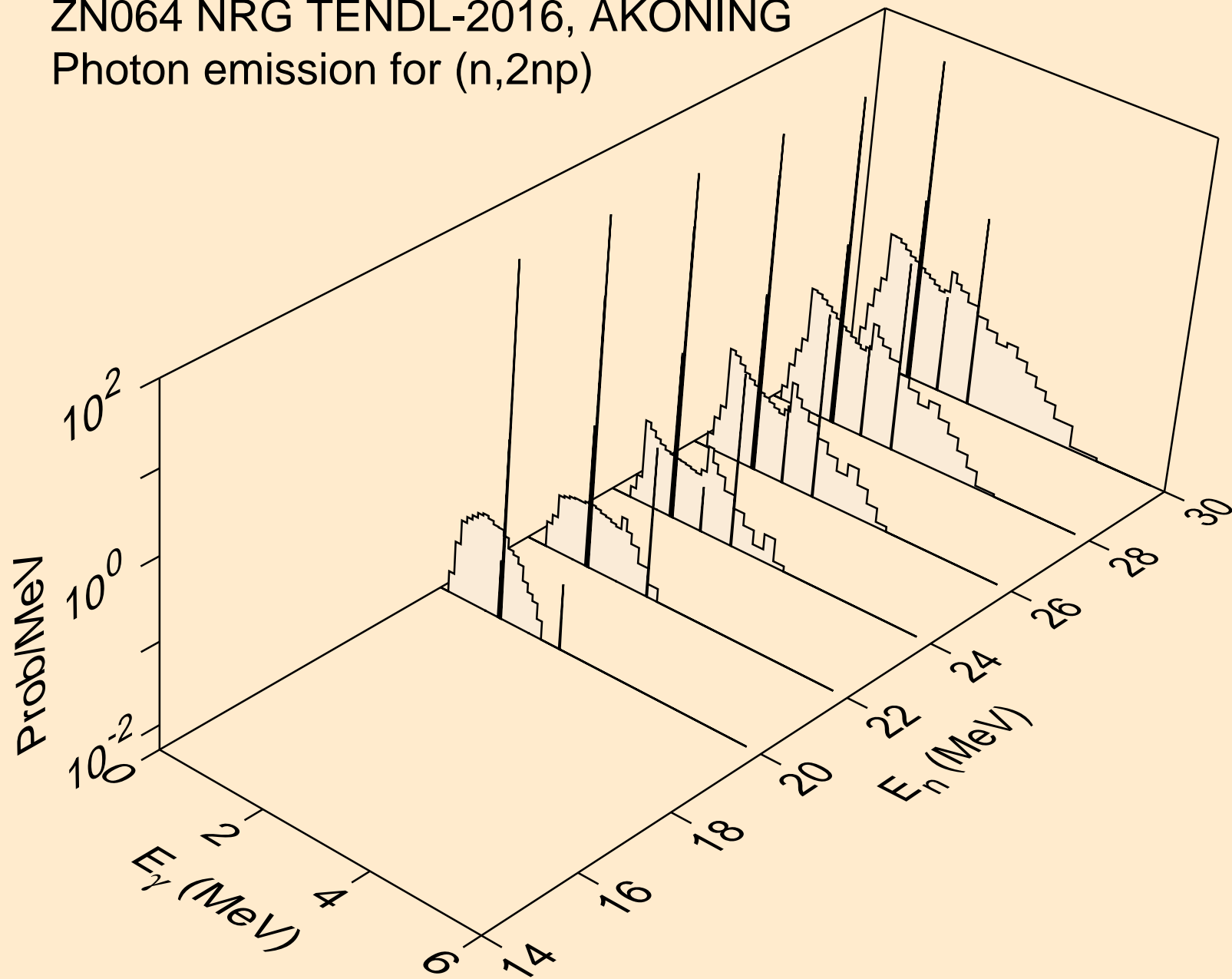




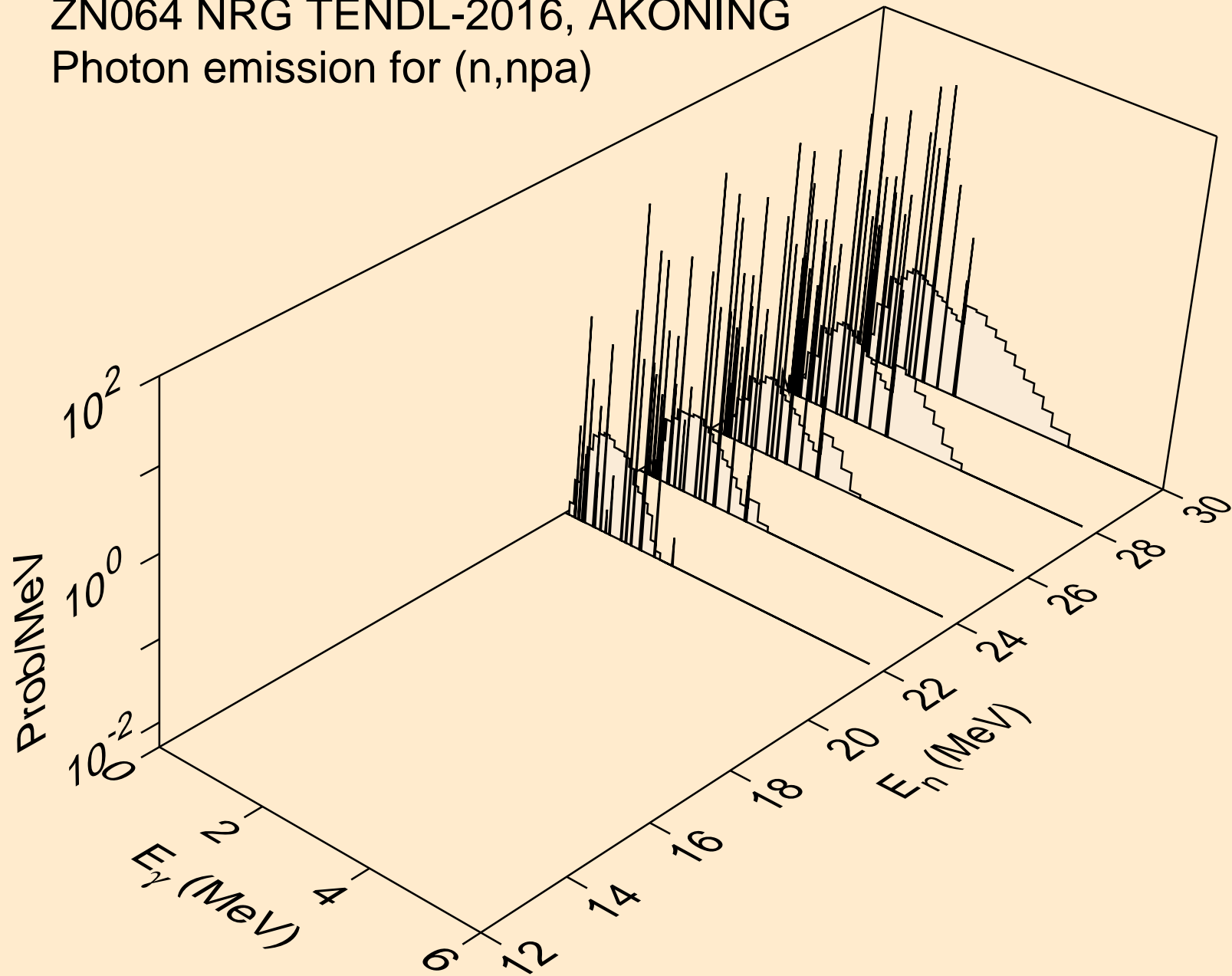
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,3np)



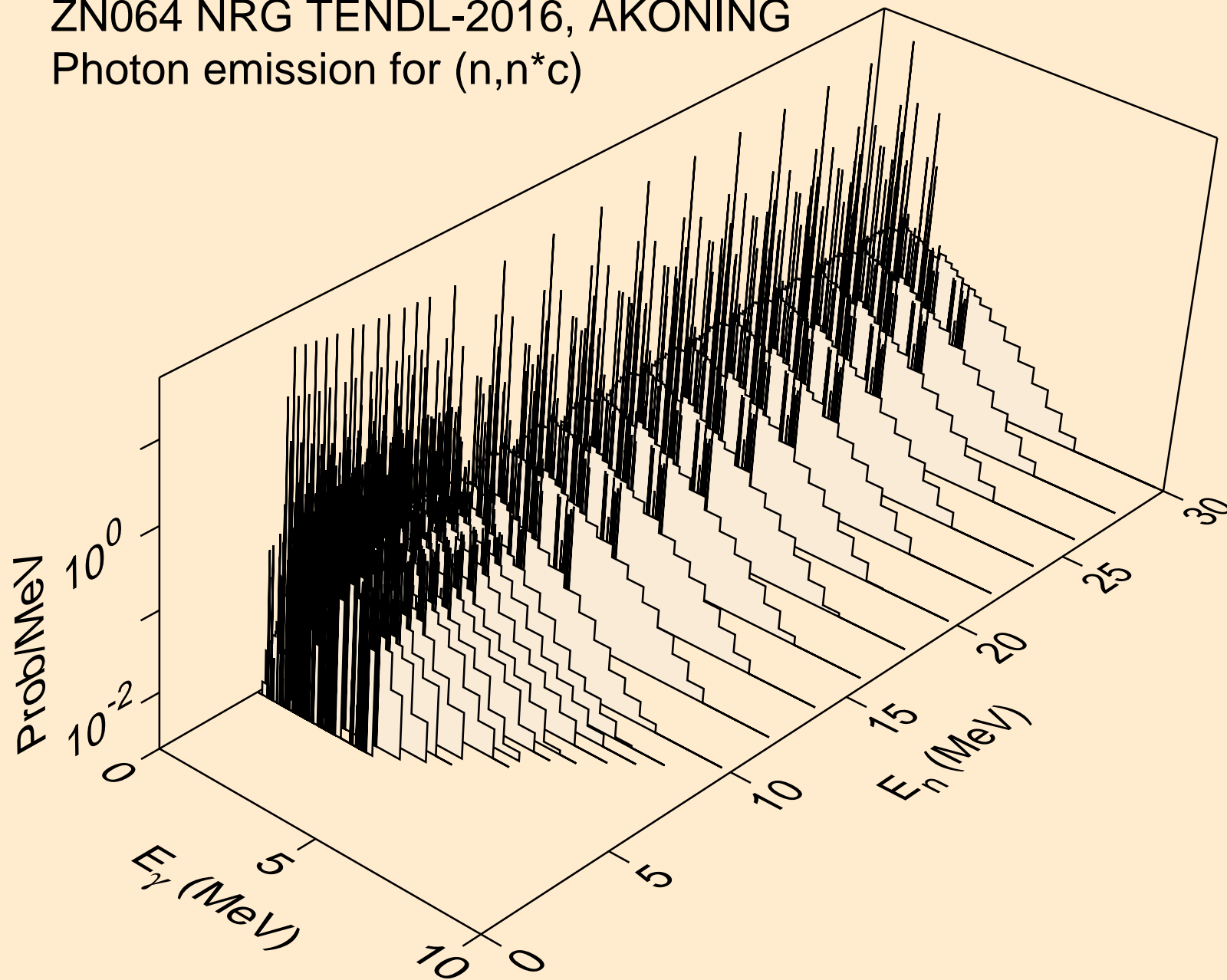
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,2np)



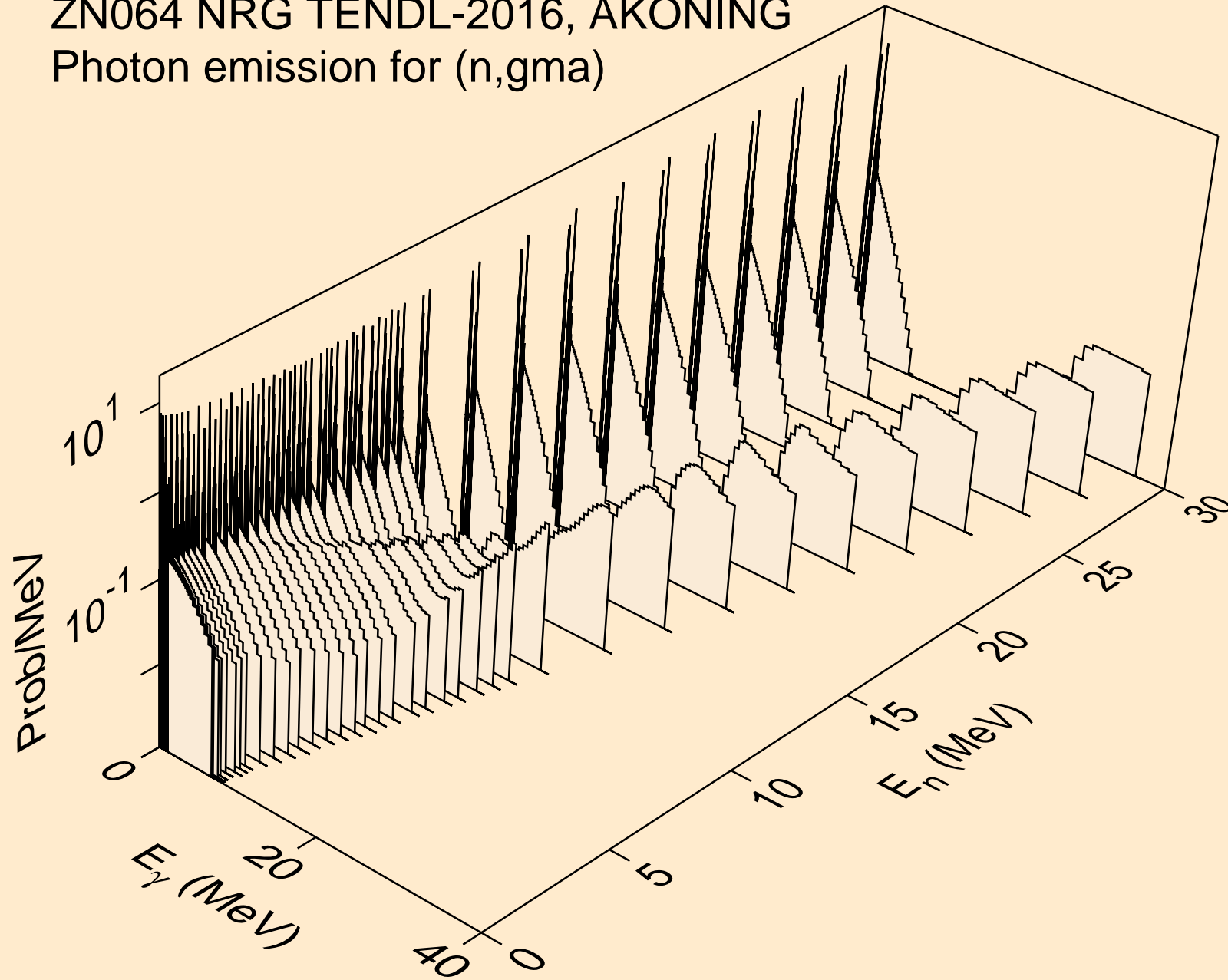
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,npa)



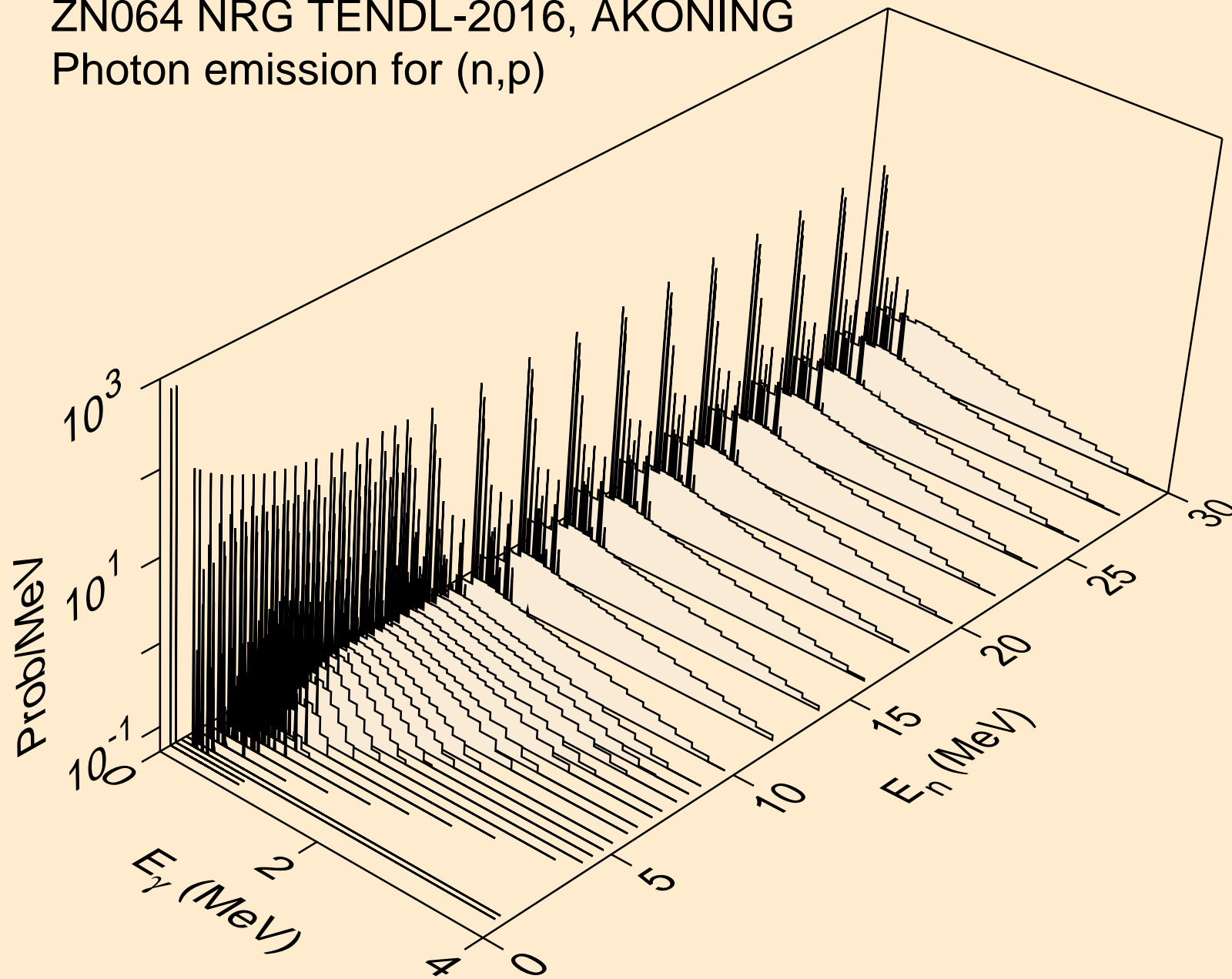
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*c)



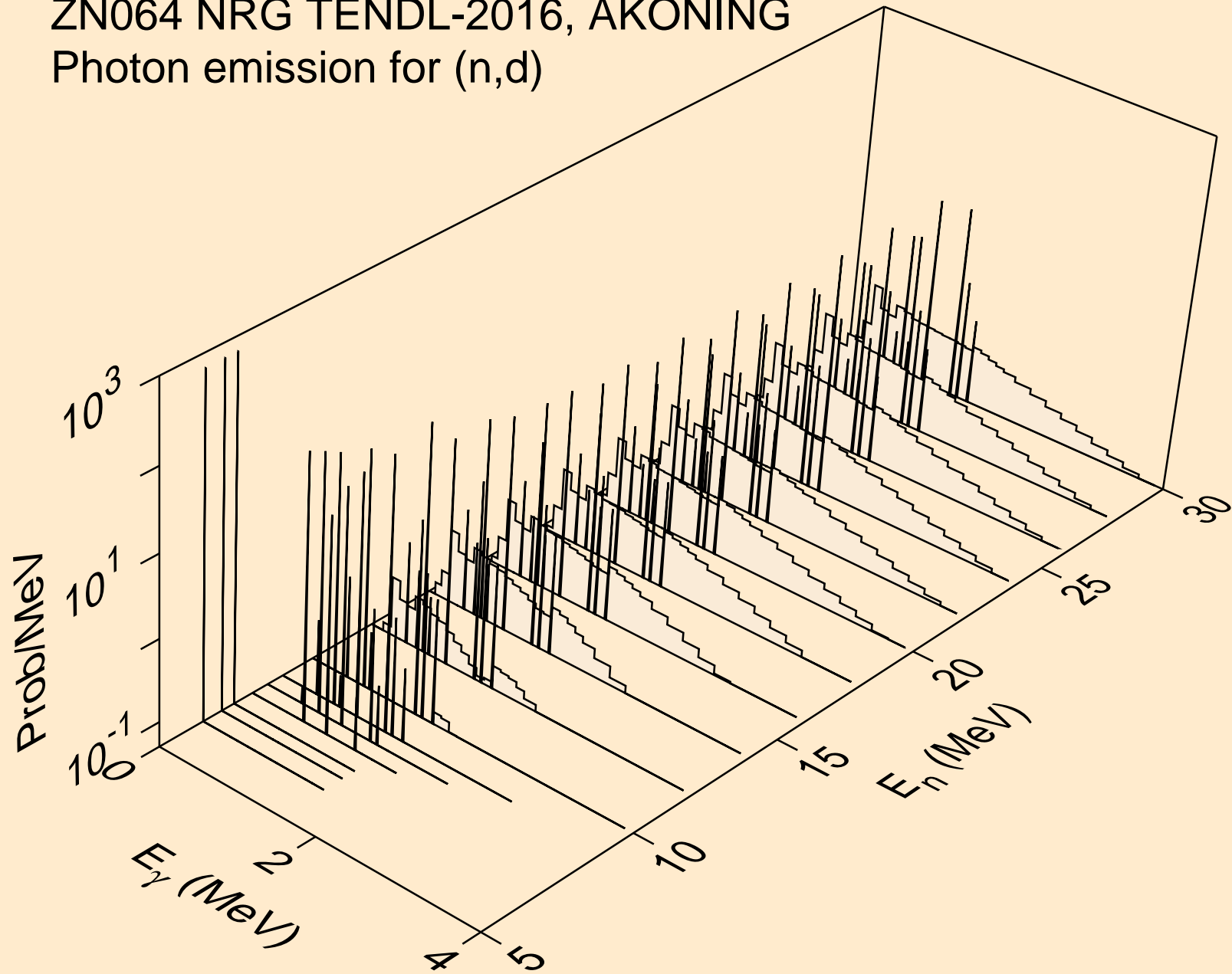
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,gma)



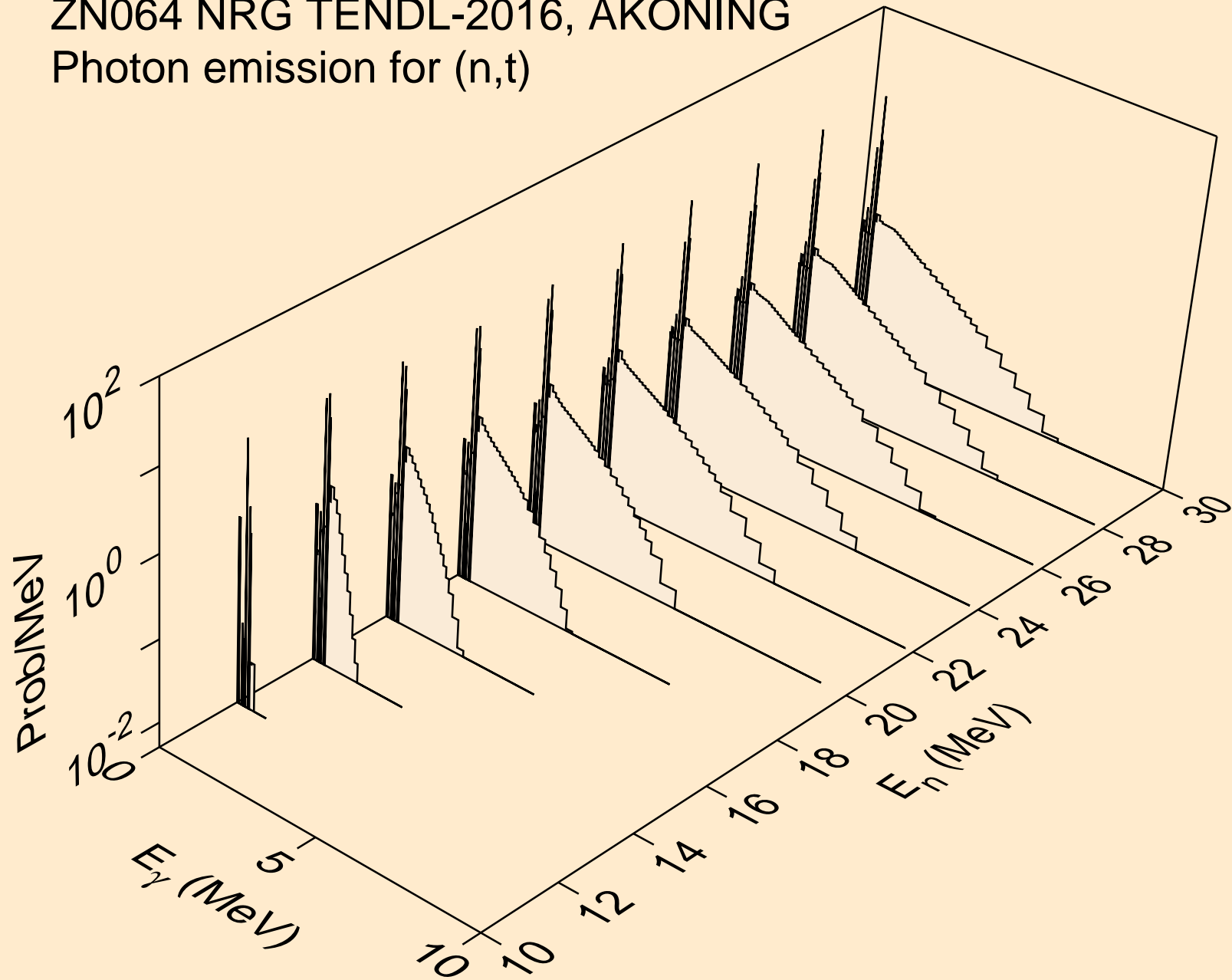
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,p)



ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,d)

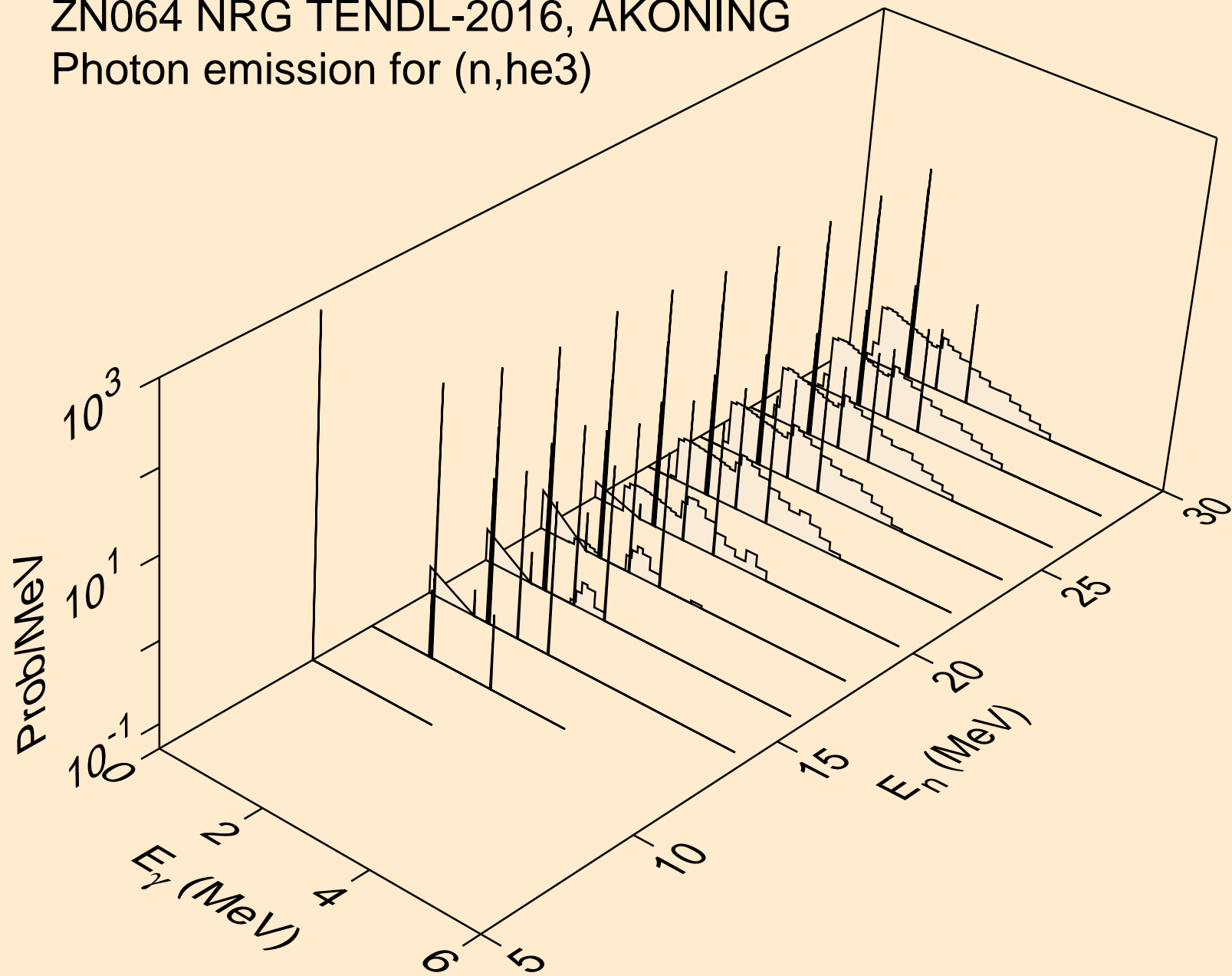


ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,t)

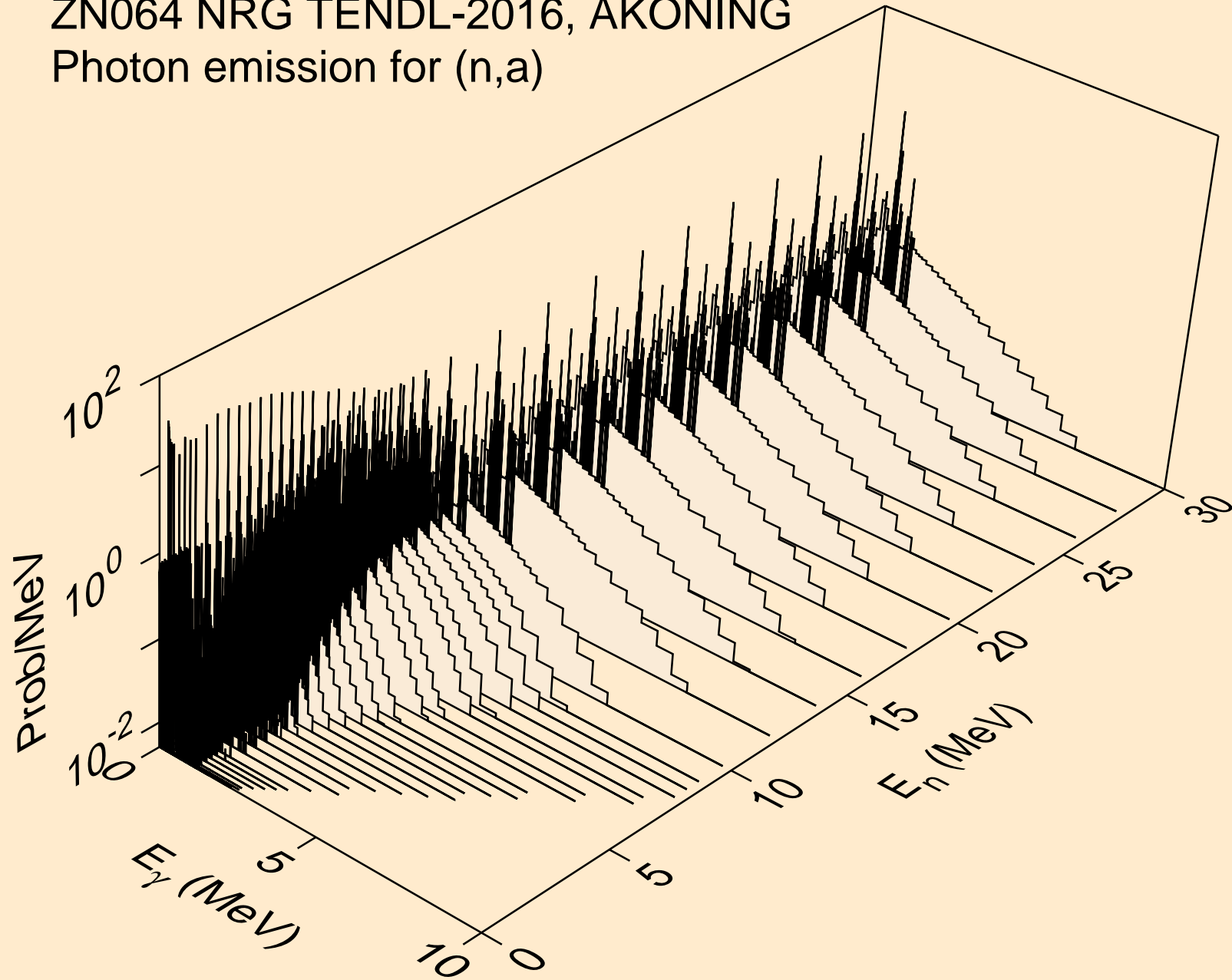




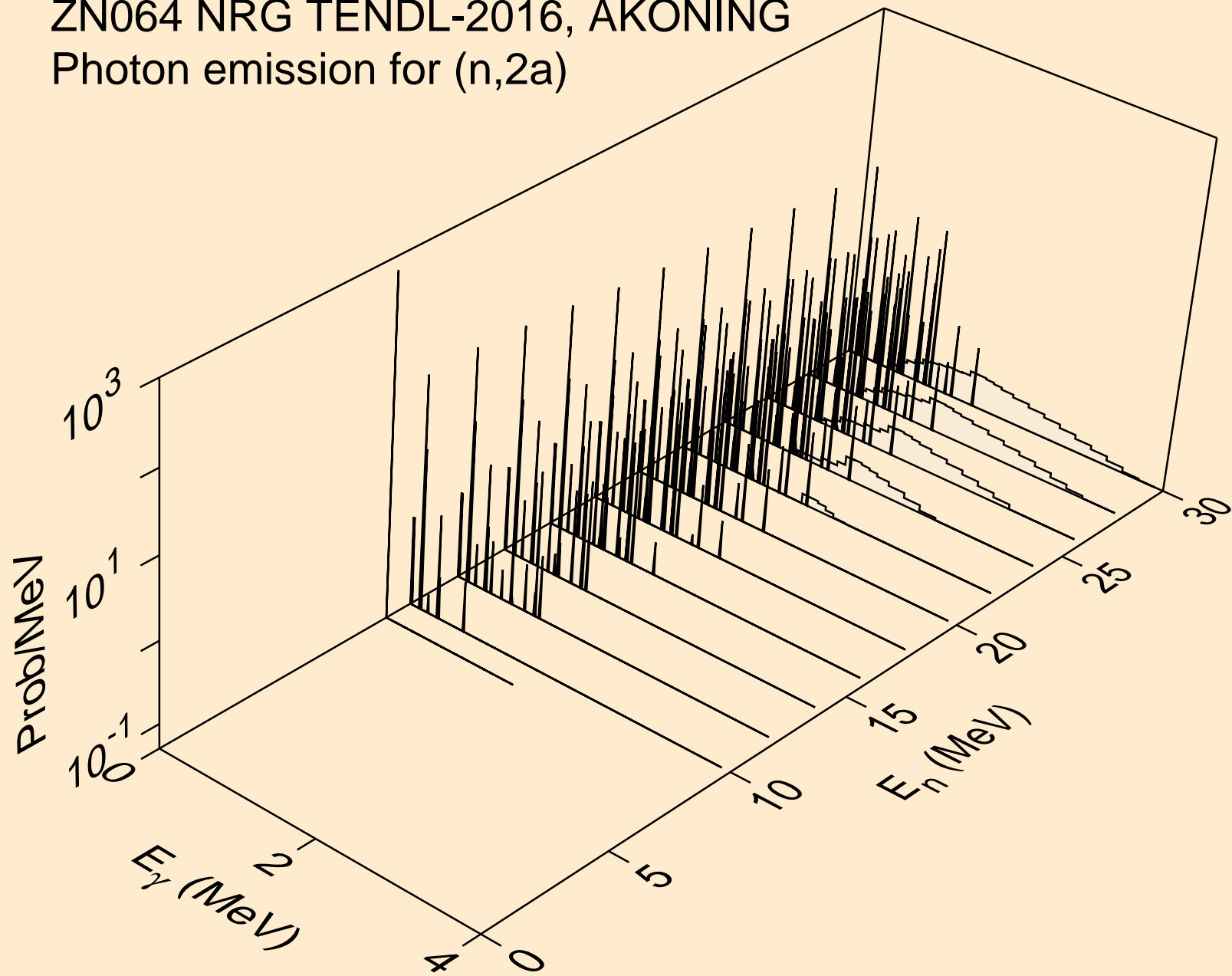
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Photon emission for (n,he3)



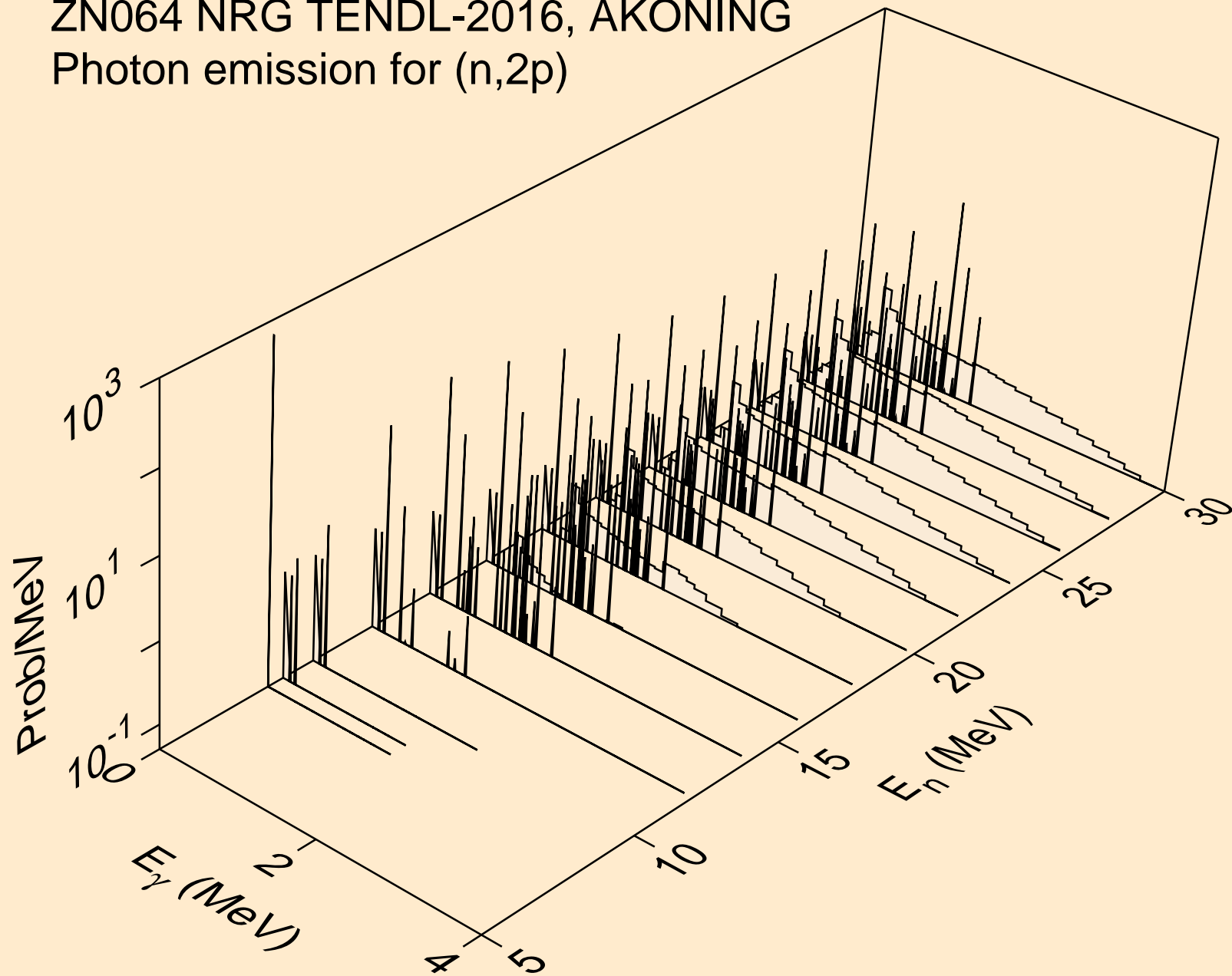
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,a)



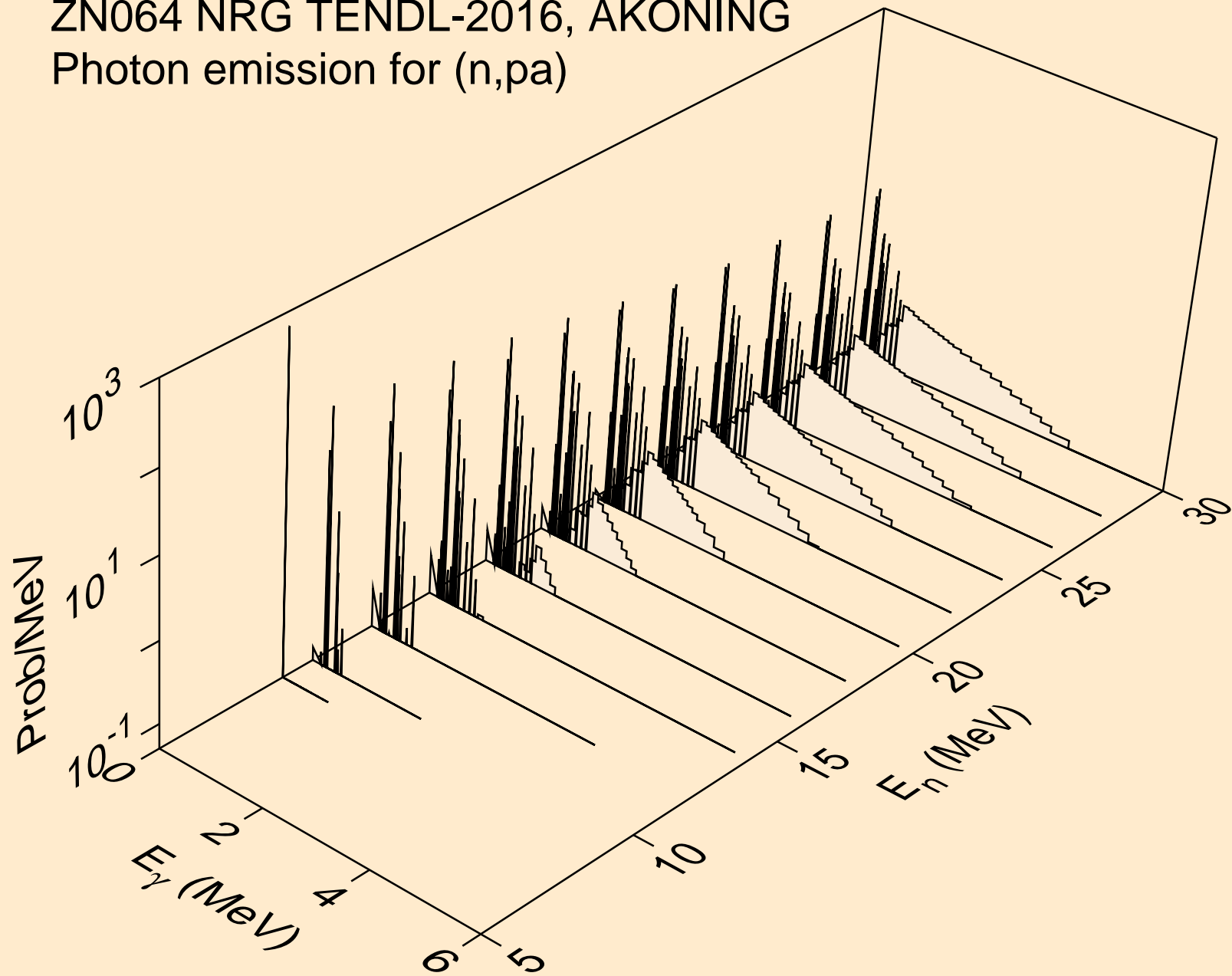
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,2a)



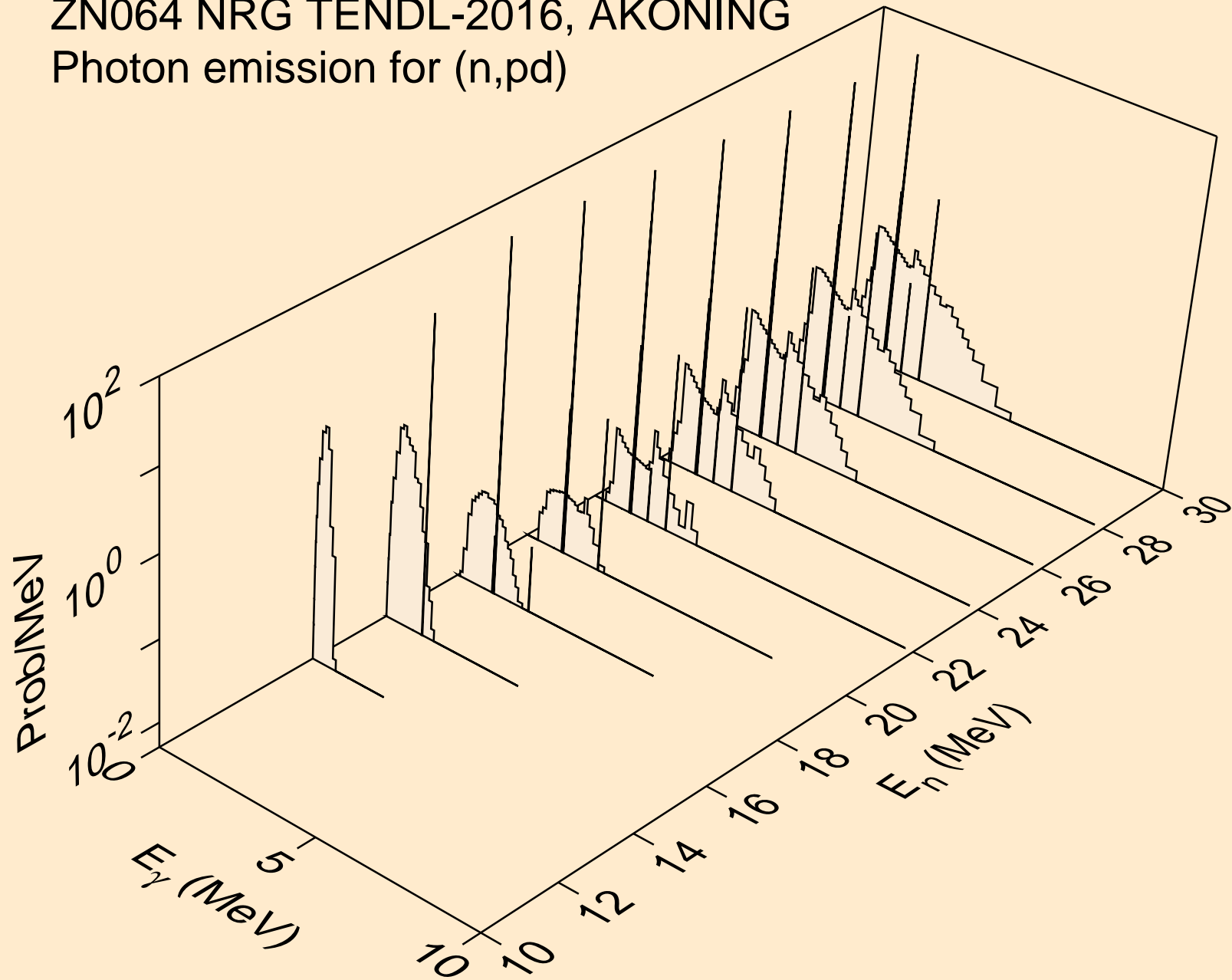
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,2p)



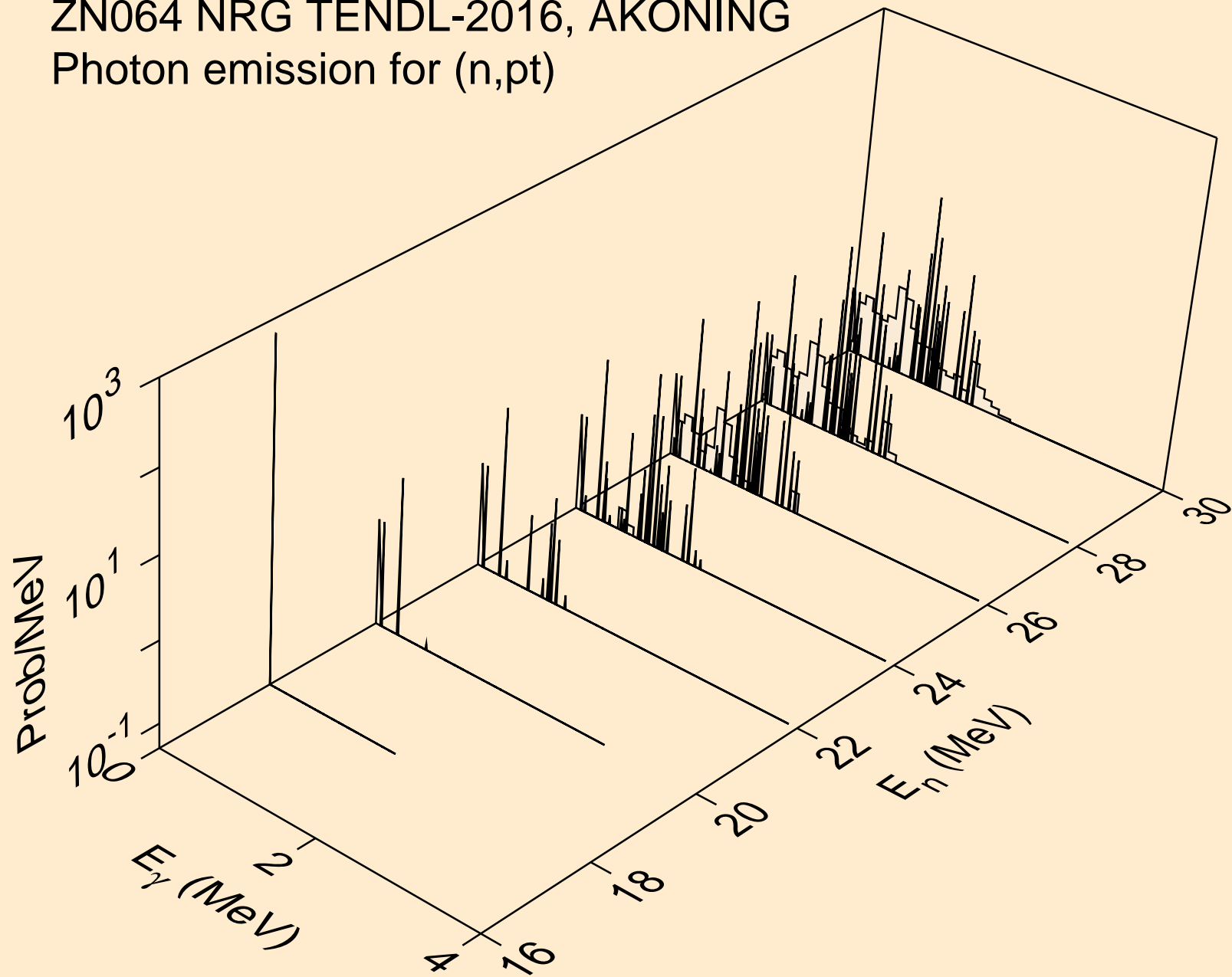
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,p $\alpha$ )



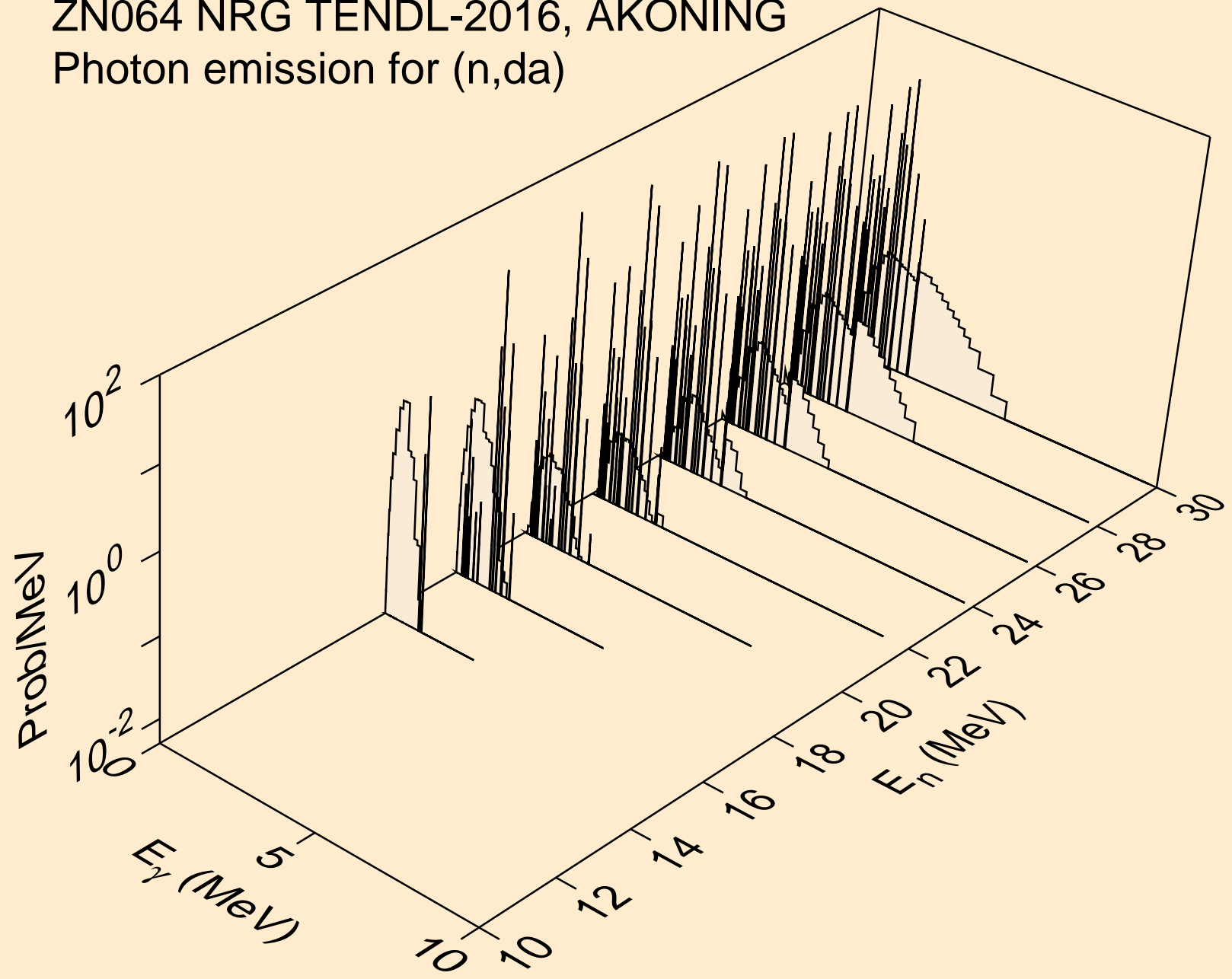
ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,pd)



ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,pt)

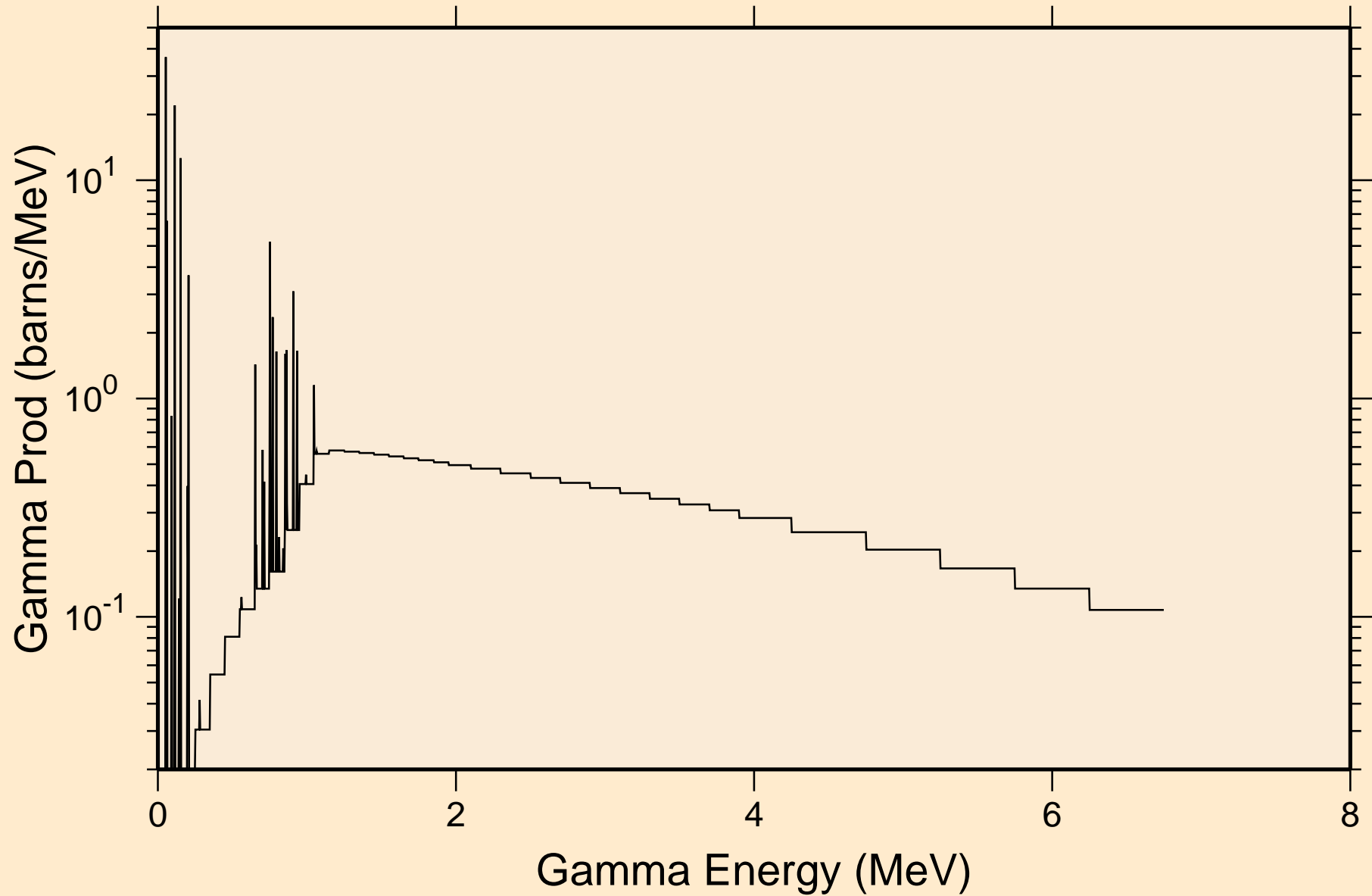


ZN064 NRG TENDL-2016, AKONING  
Photon emission for (n,da)

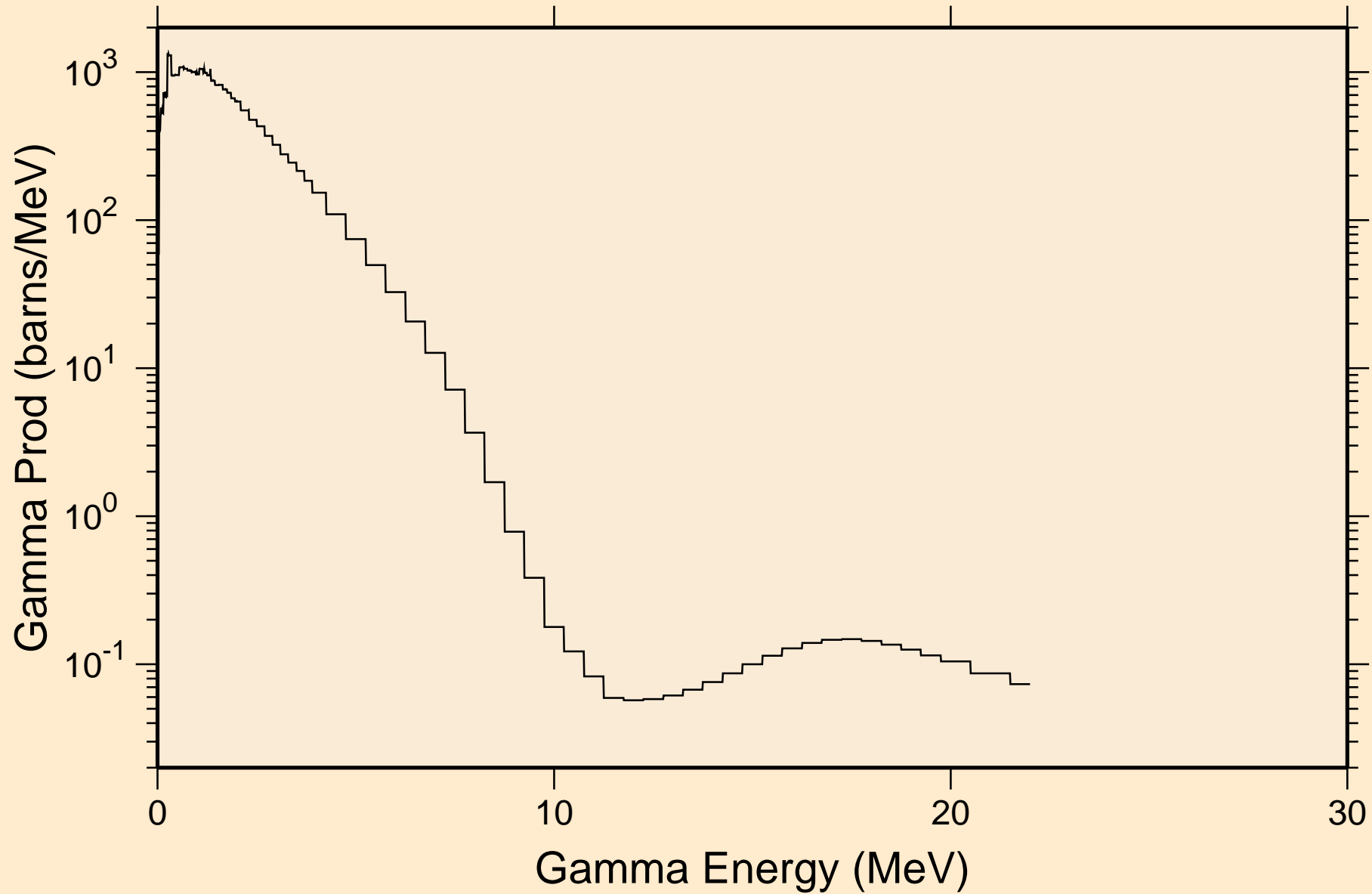




ZN064 NRG TENDL-2016, AKONING  
thermal capture photon spectrum

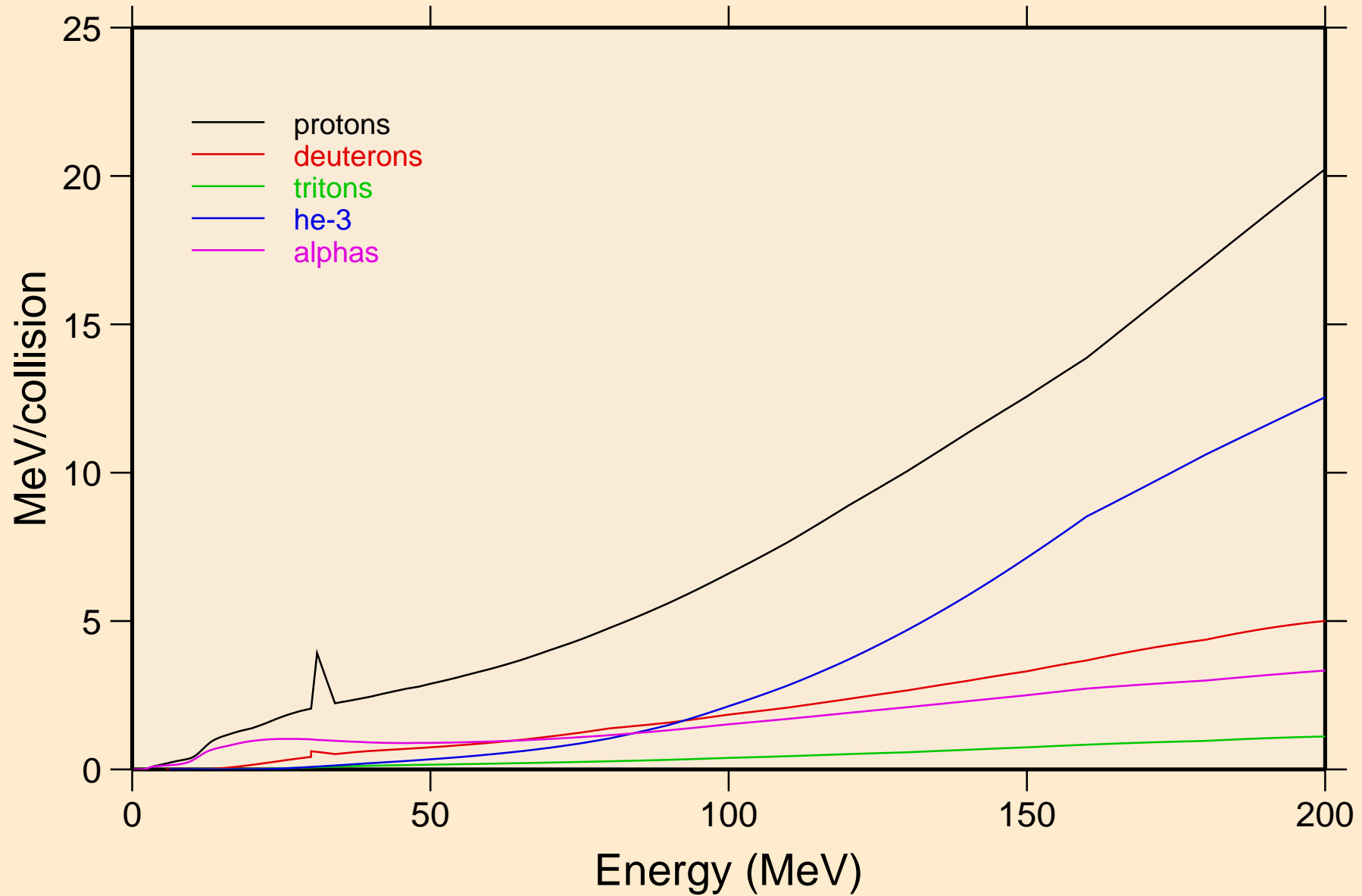


ZN064 NRG TENDL-2016, AKONING  
14 MeV photon spectrum



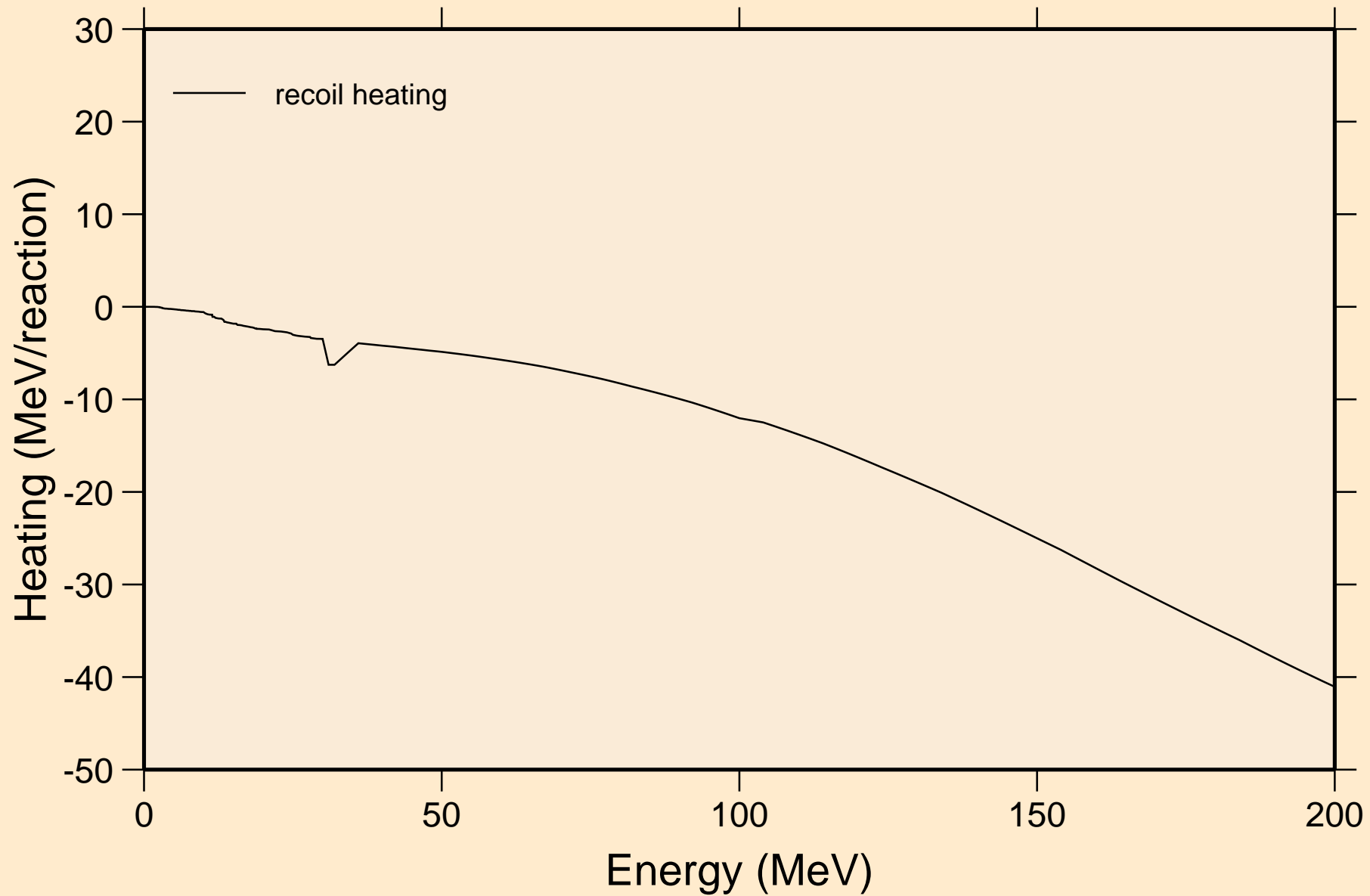
# ZN064 NRG TENDL-2016, AKONING

## Particle heating contributions



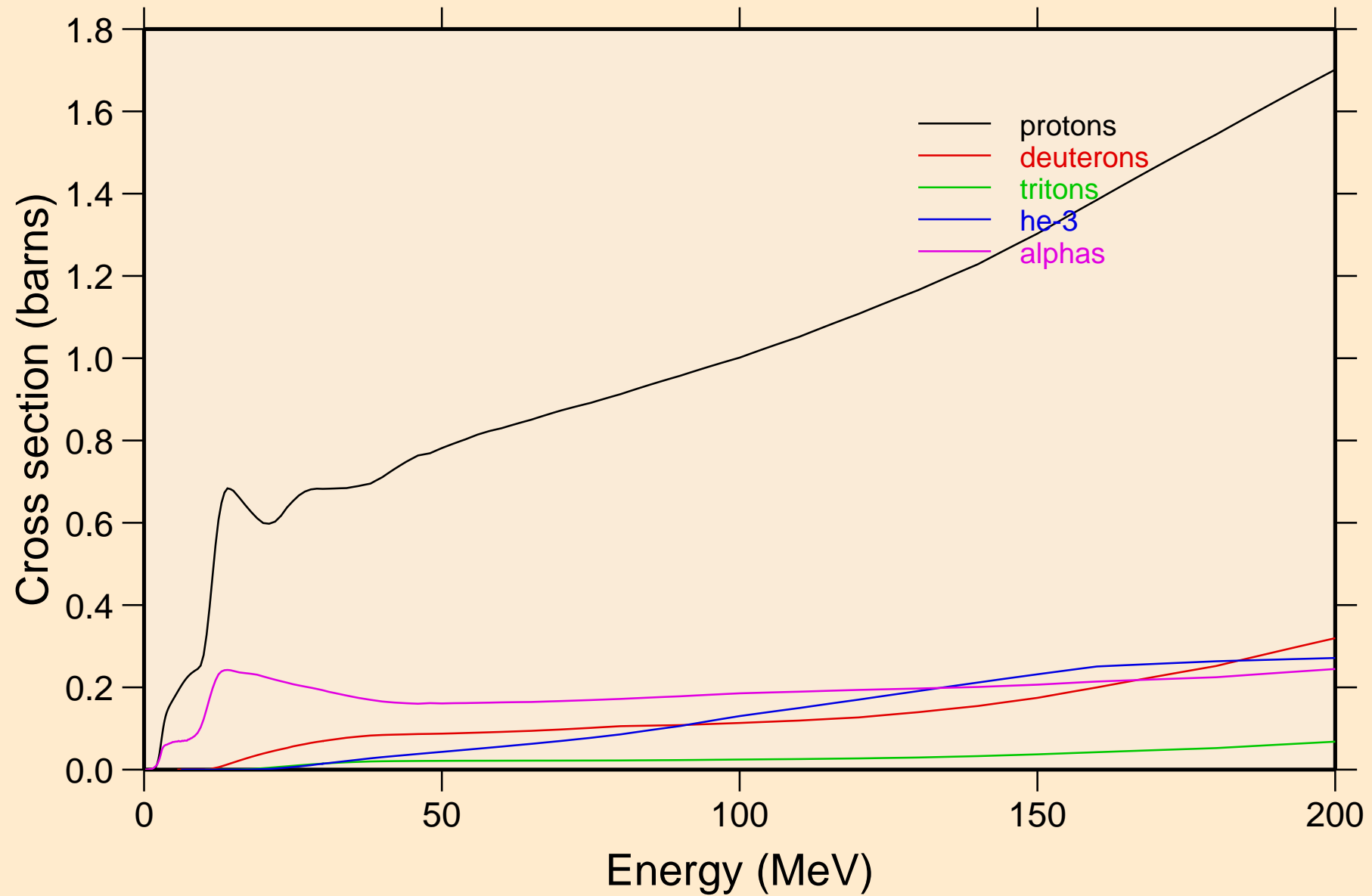
# ZN064 NRG TENDL-2016, AKONING

## Recoil Heating

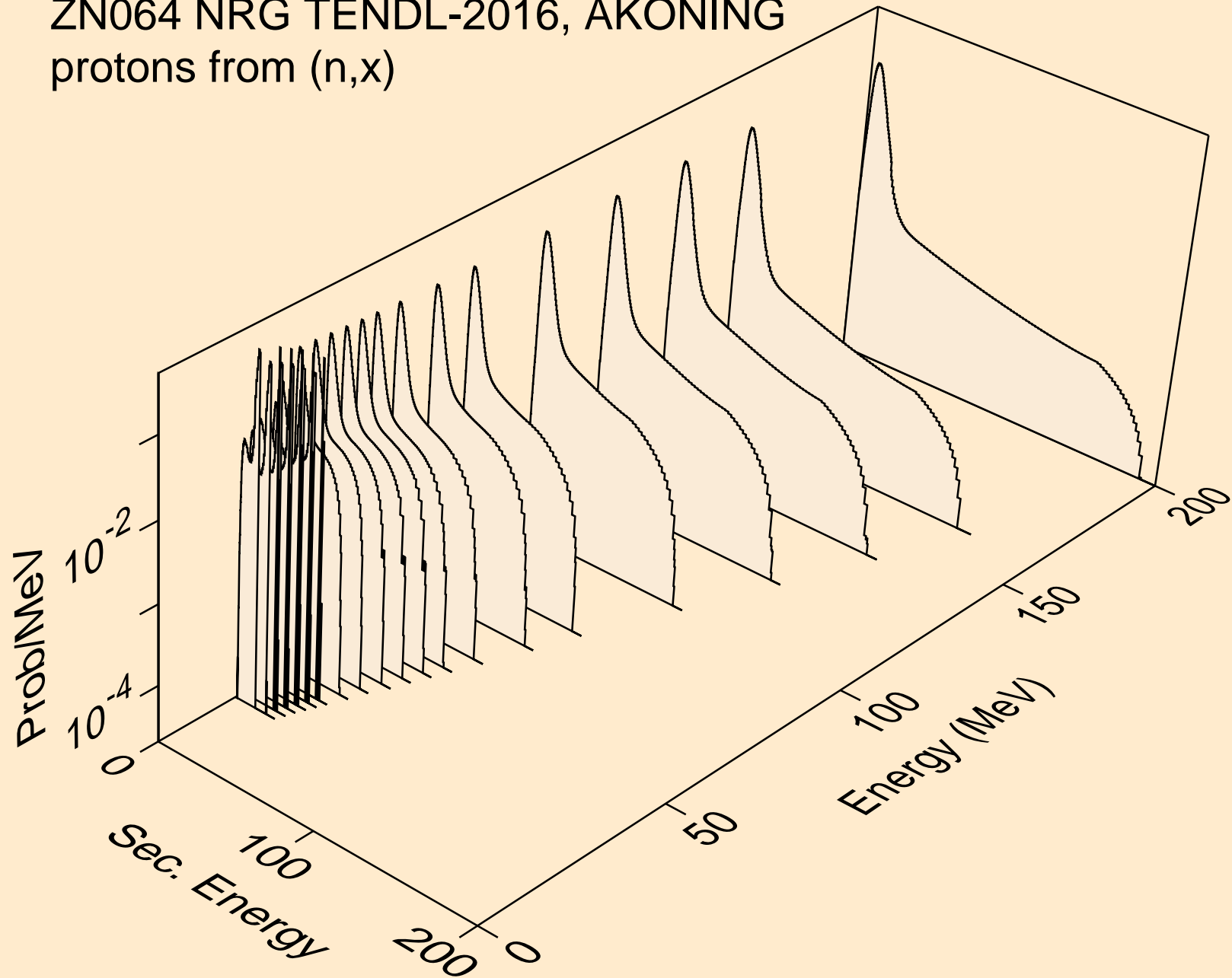


# ZN064 NRG TENDL-2016, AKONING

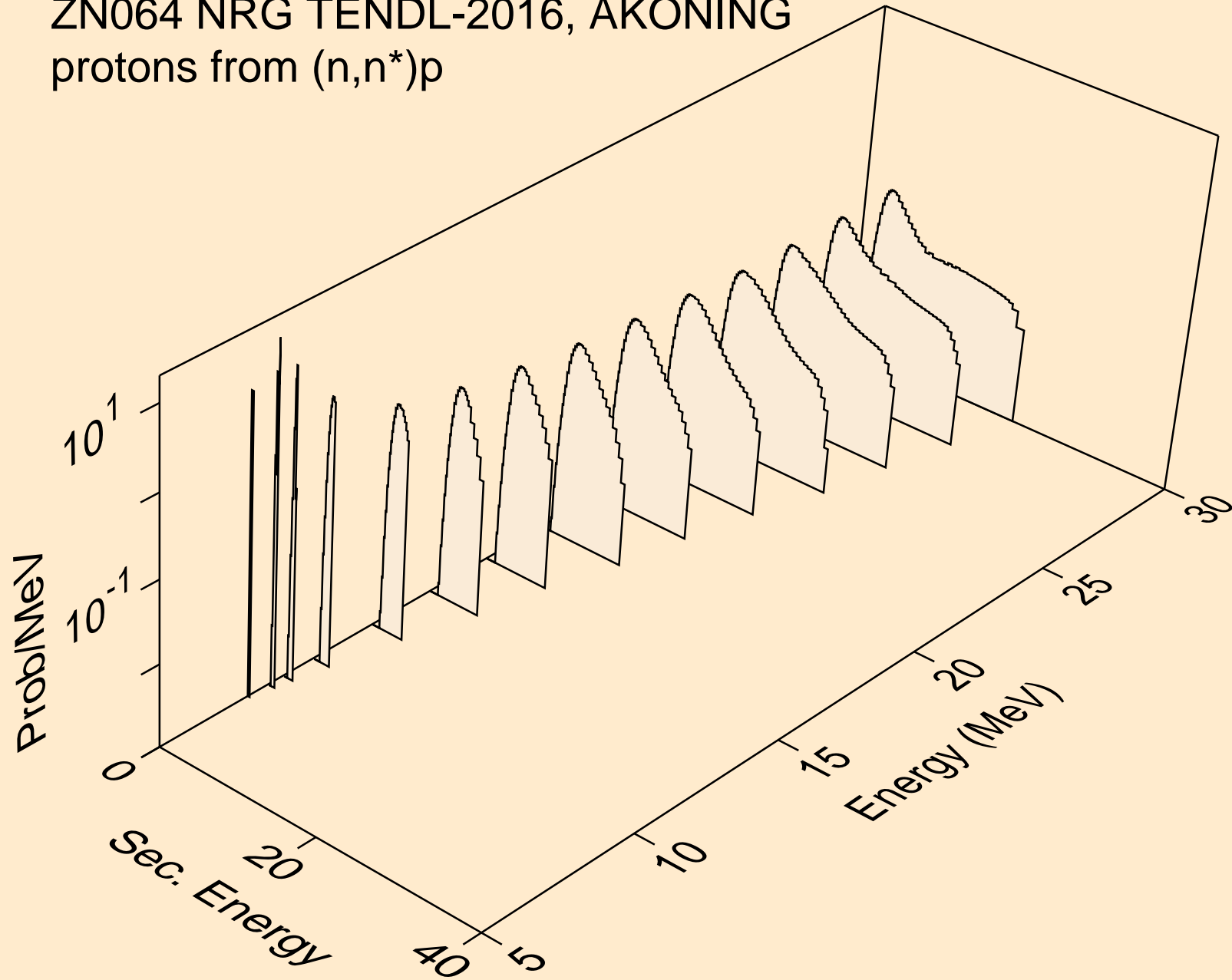
## Particle production cross sections



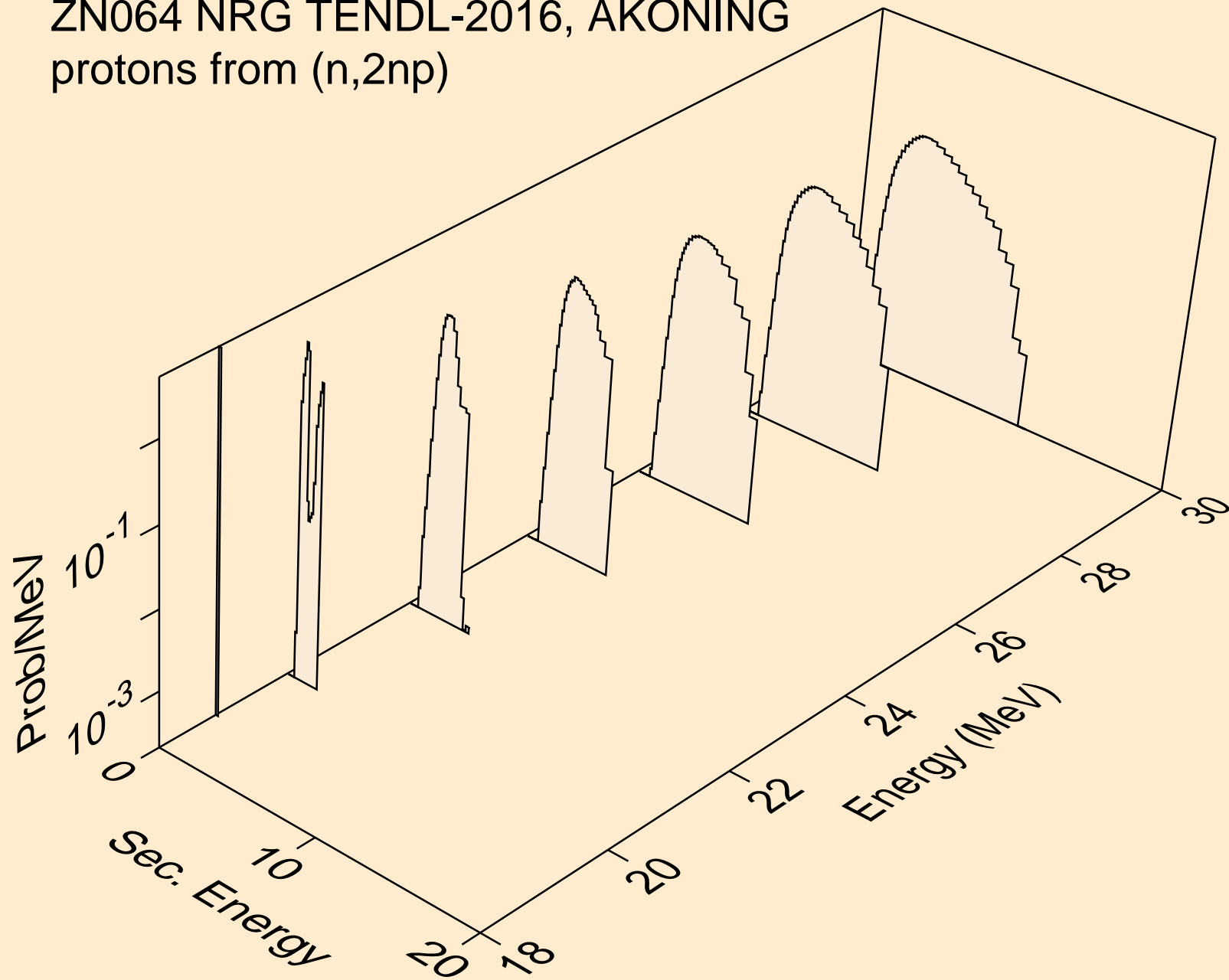
ZN064 NRG TENDL-2016, AKONING  
protons from (n,x)



ZN064 NRG TENDL-2016, AKONING  
protons from (n,n\*)p

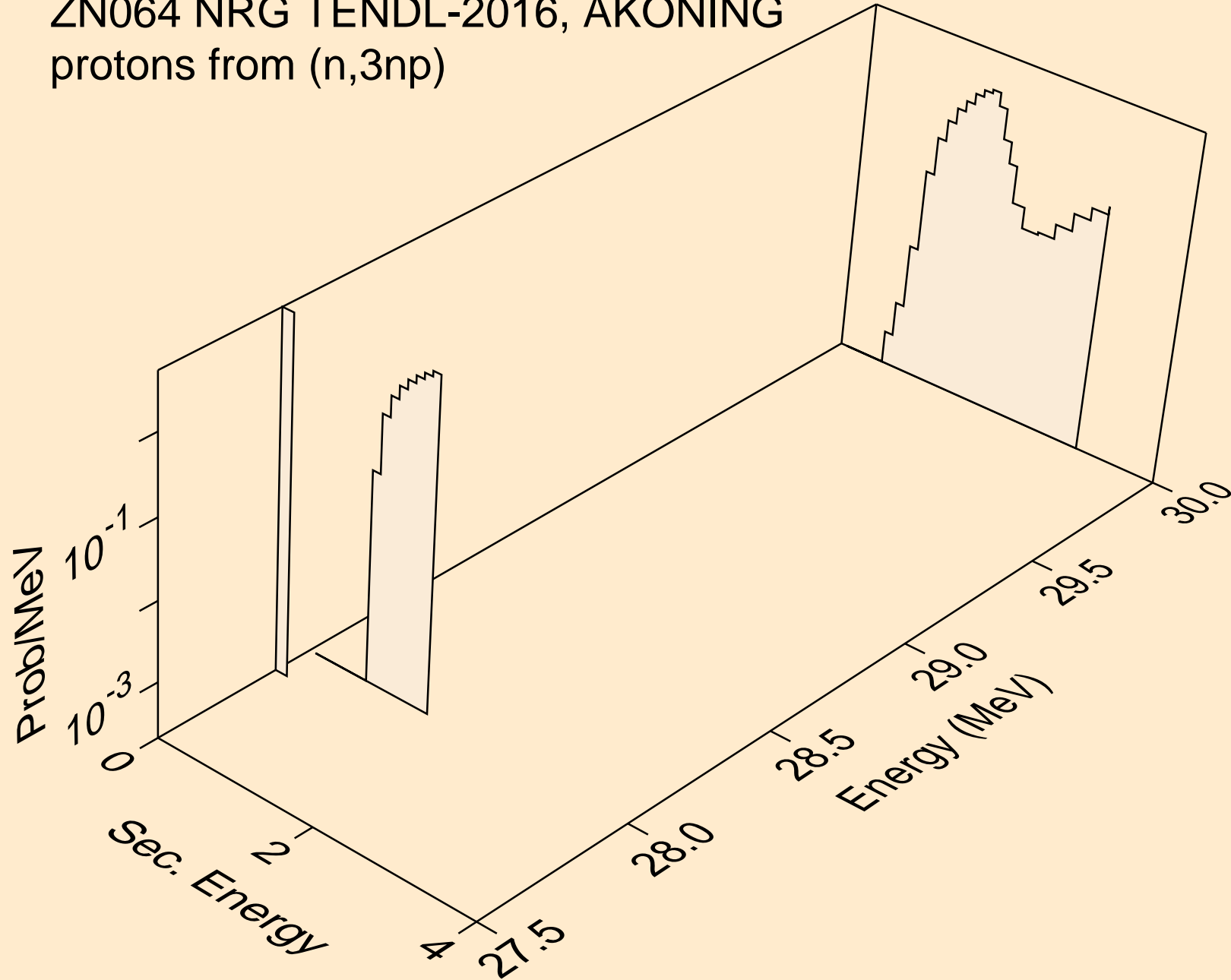


ZN064 NRG TENDL-2016, AKONING  
protons from (n,2np)

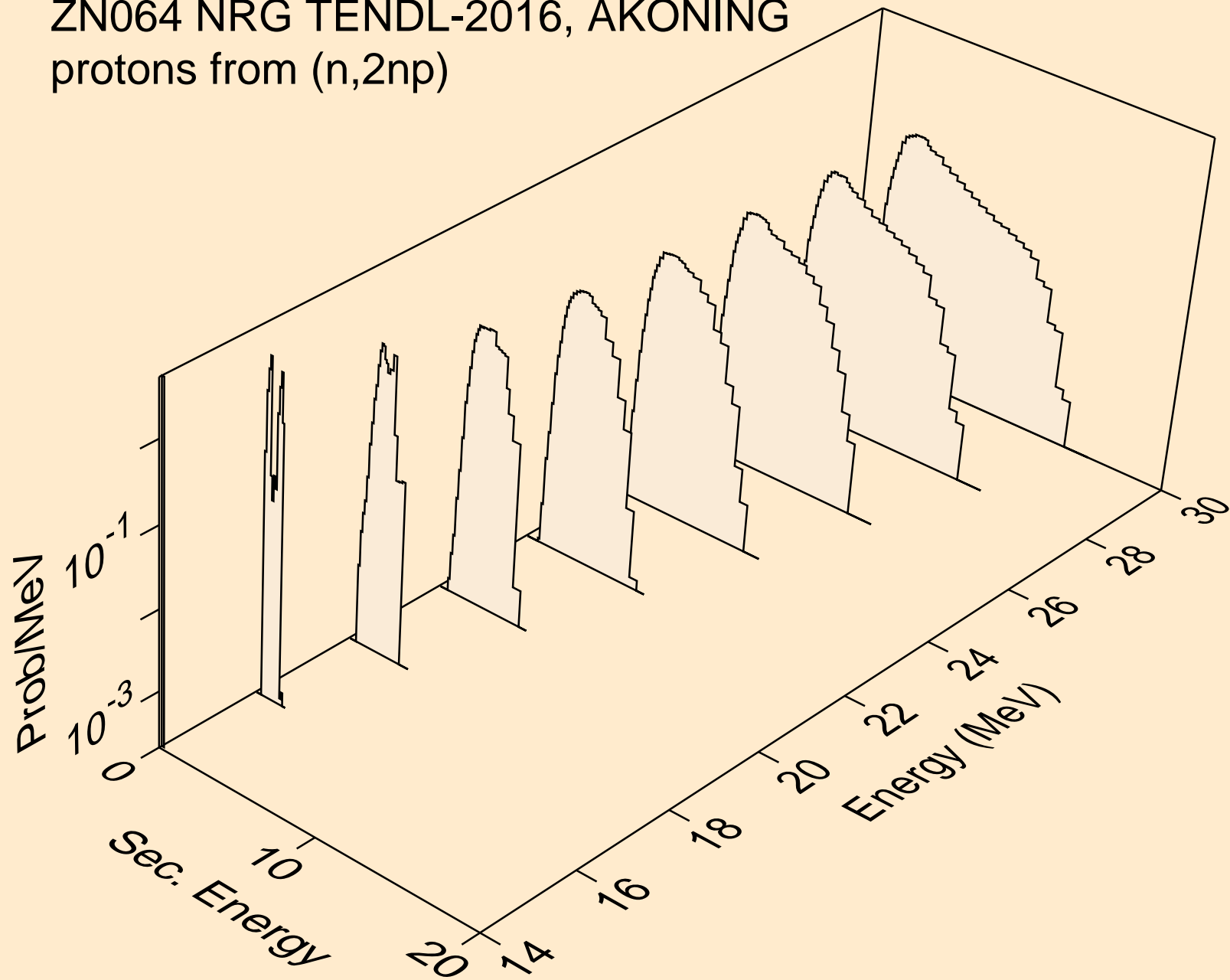




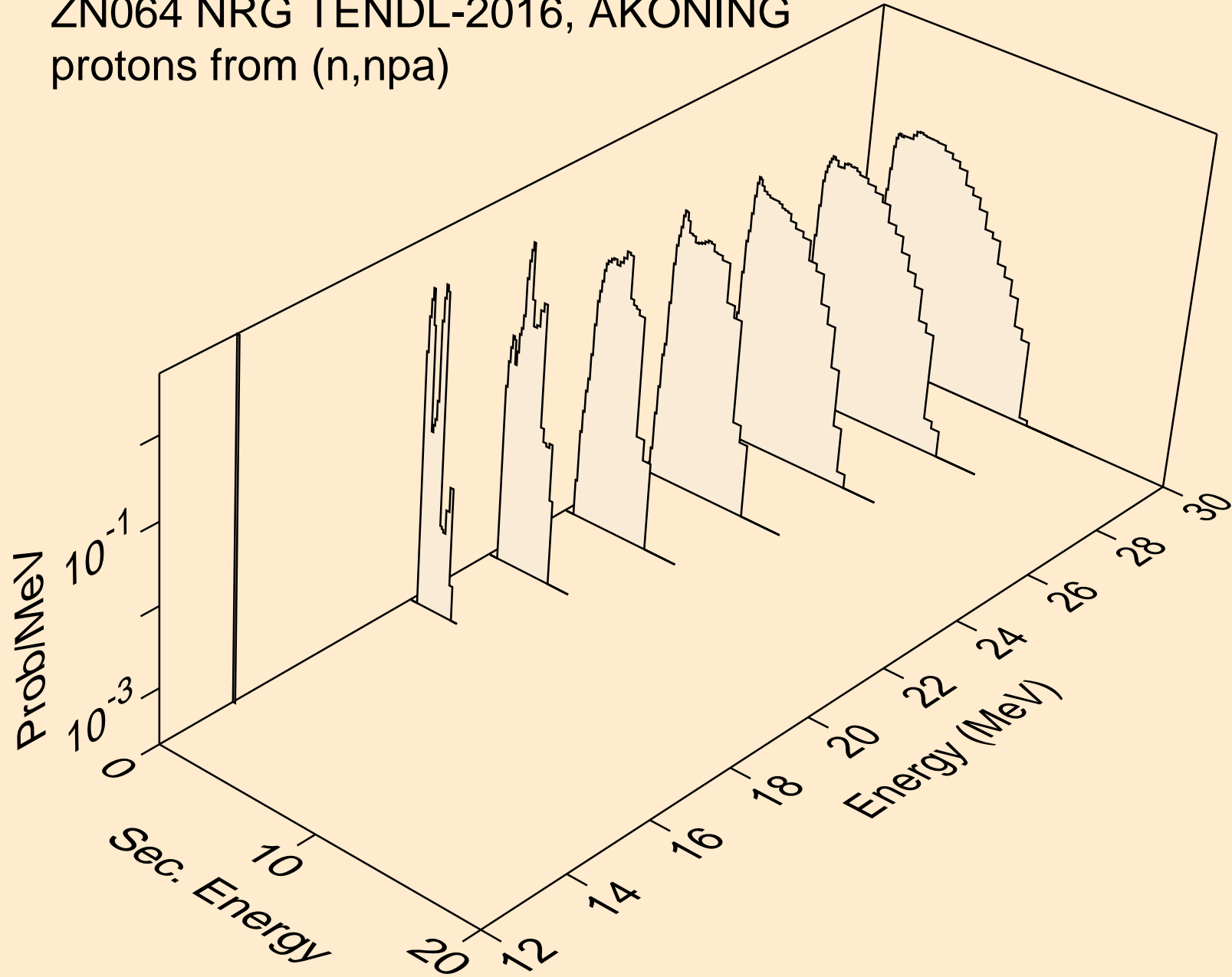
ZN064 NRG TENDL-2016, AKONING  
protons from (n,3np)



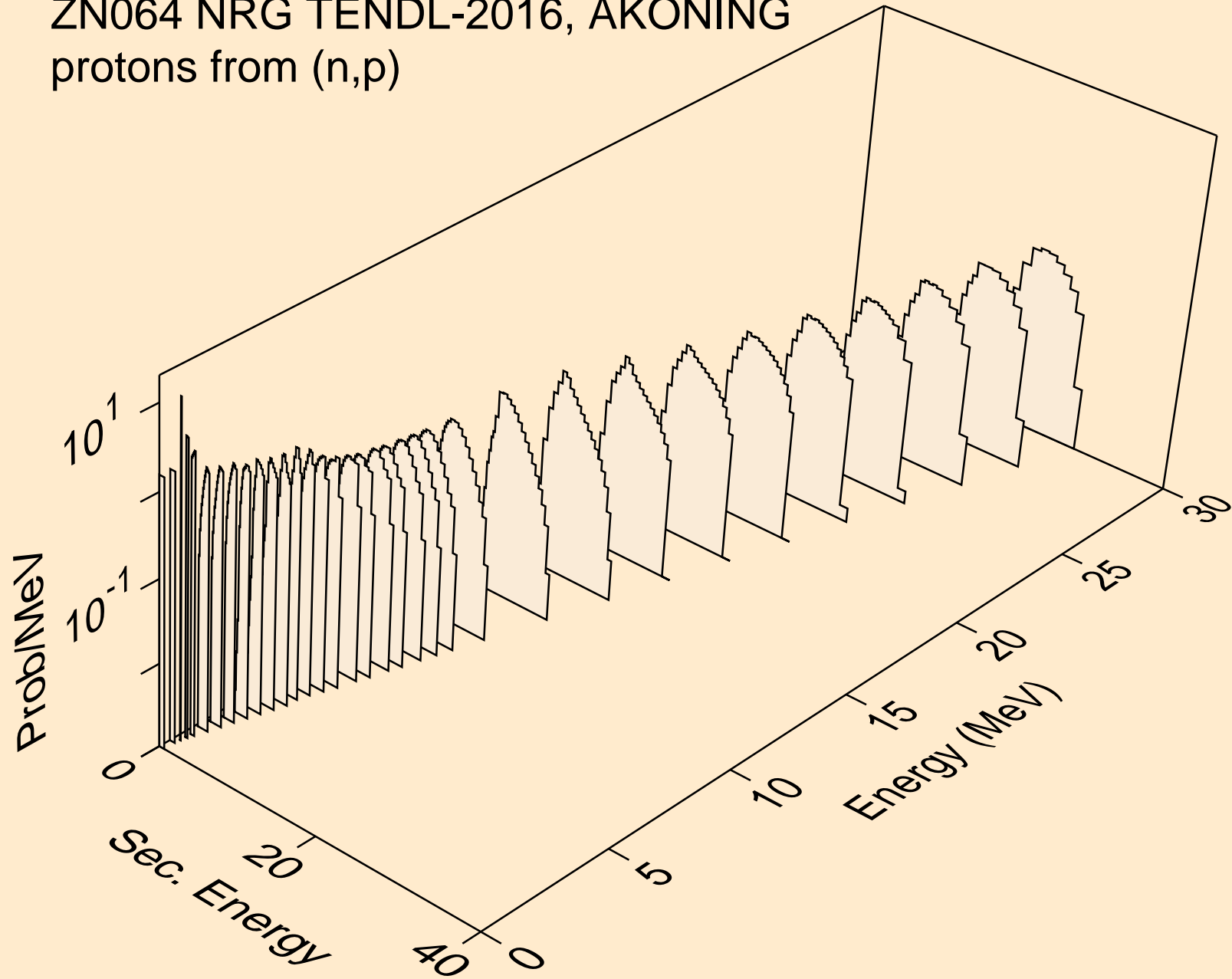
ZN064 NRG TENDL-2016, AKONING  
protons from (n,2np)



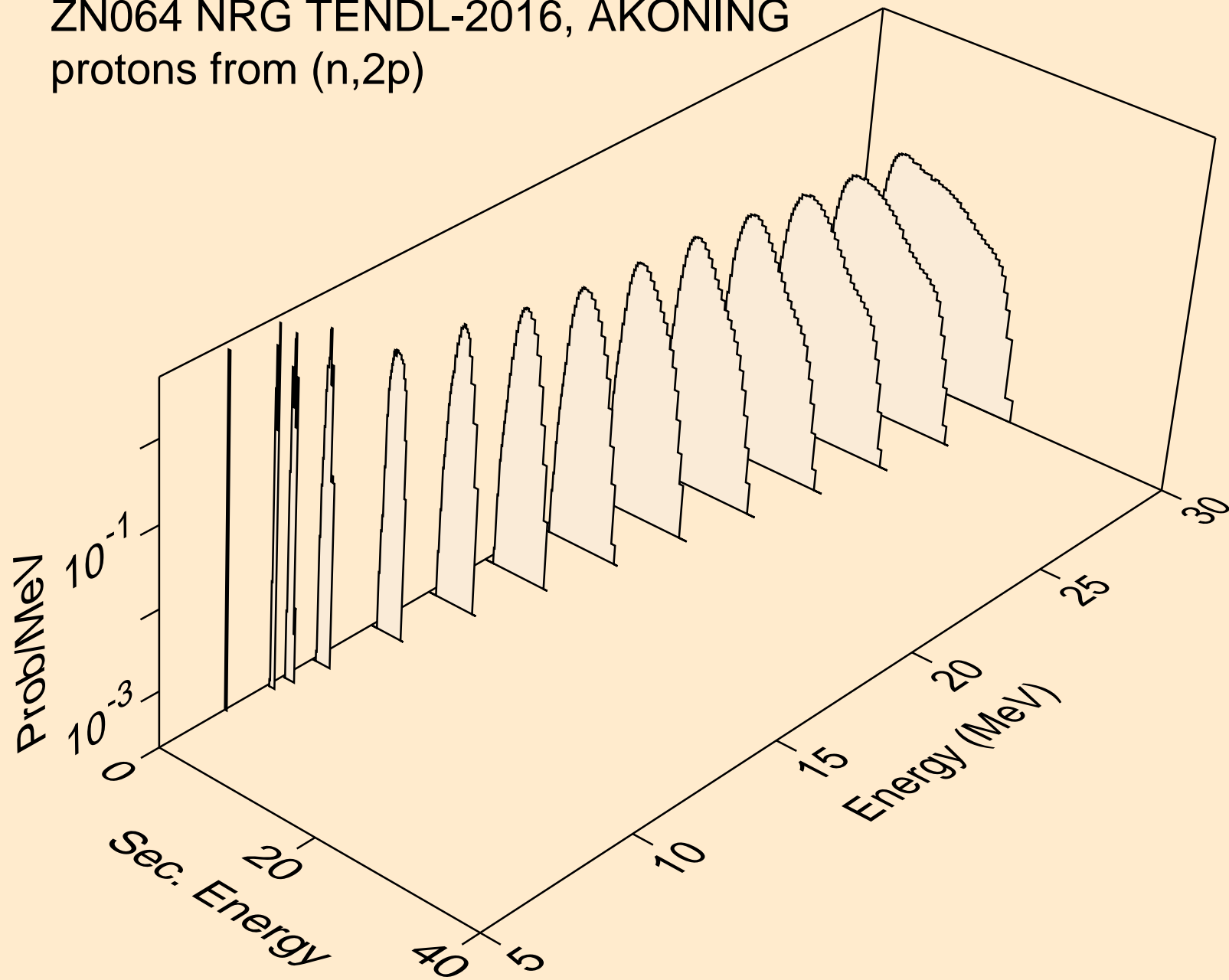
ZN064 NRG TENDL-2016, AKONING  
protons from (n,npa)



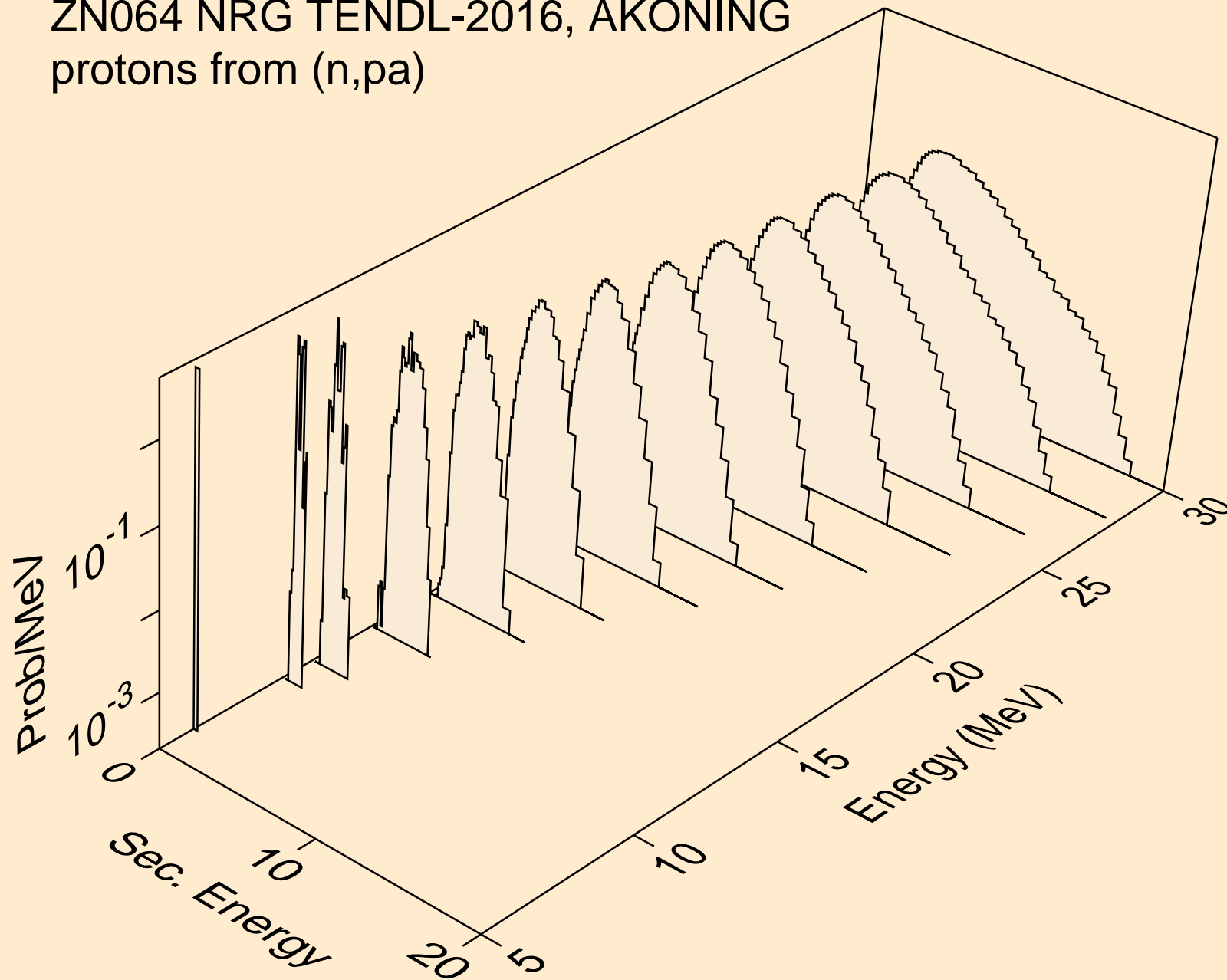
ZN064 NRG TENDL-2016, AKONING  
protons from (n,p)



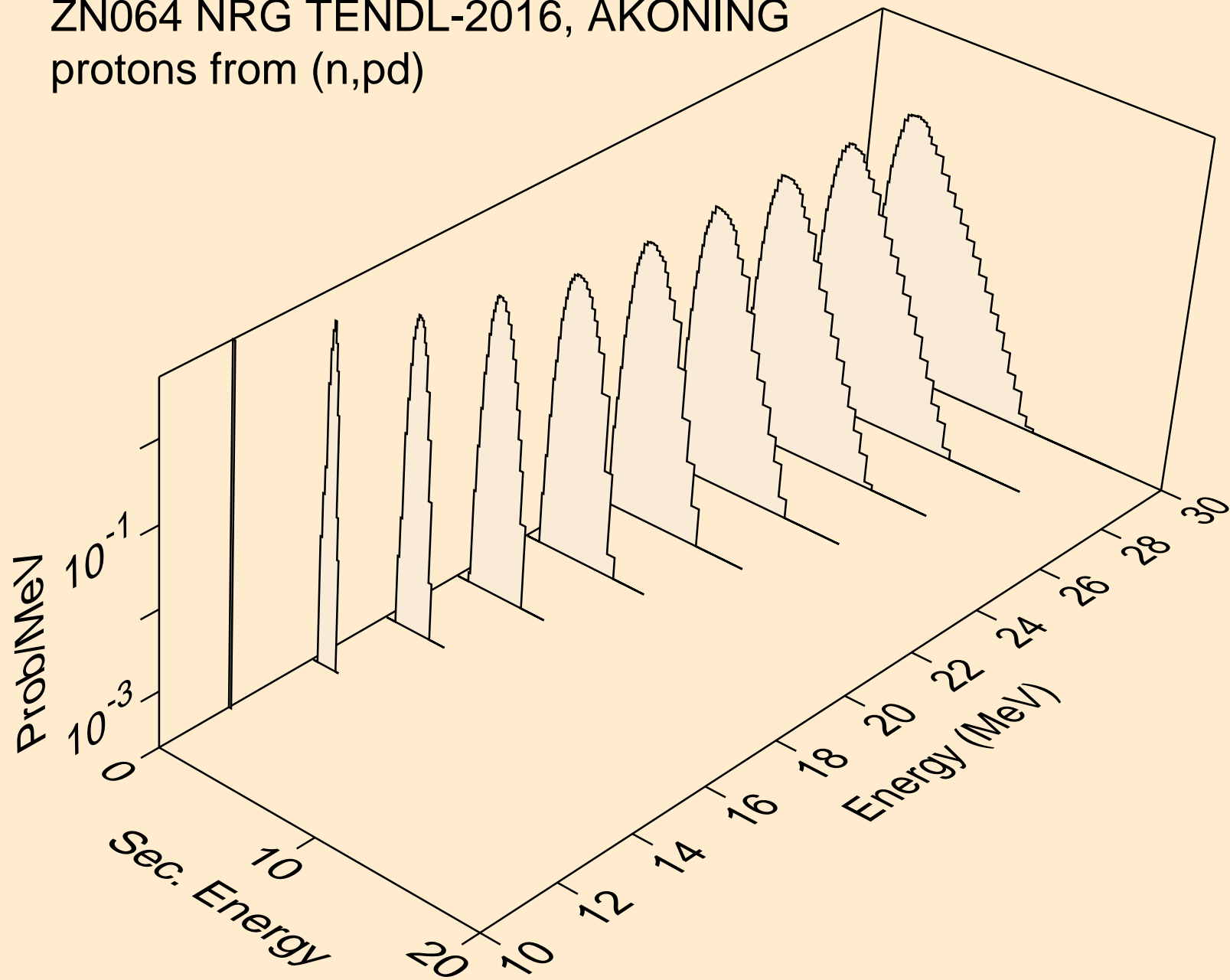
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protons from (n,2p)



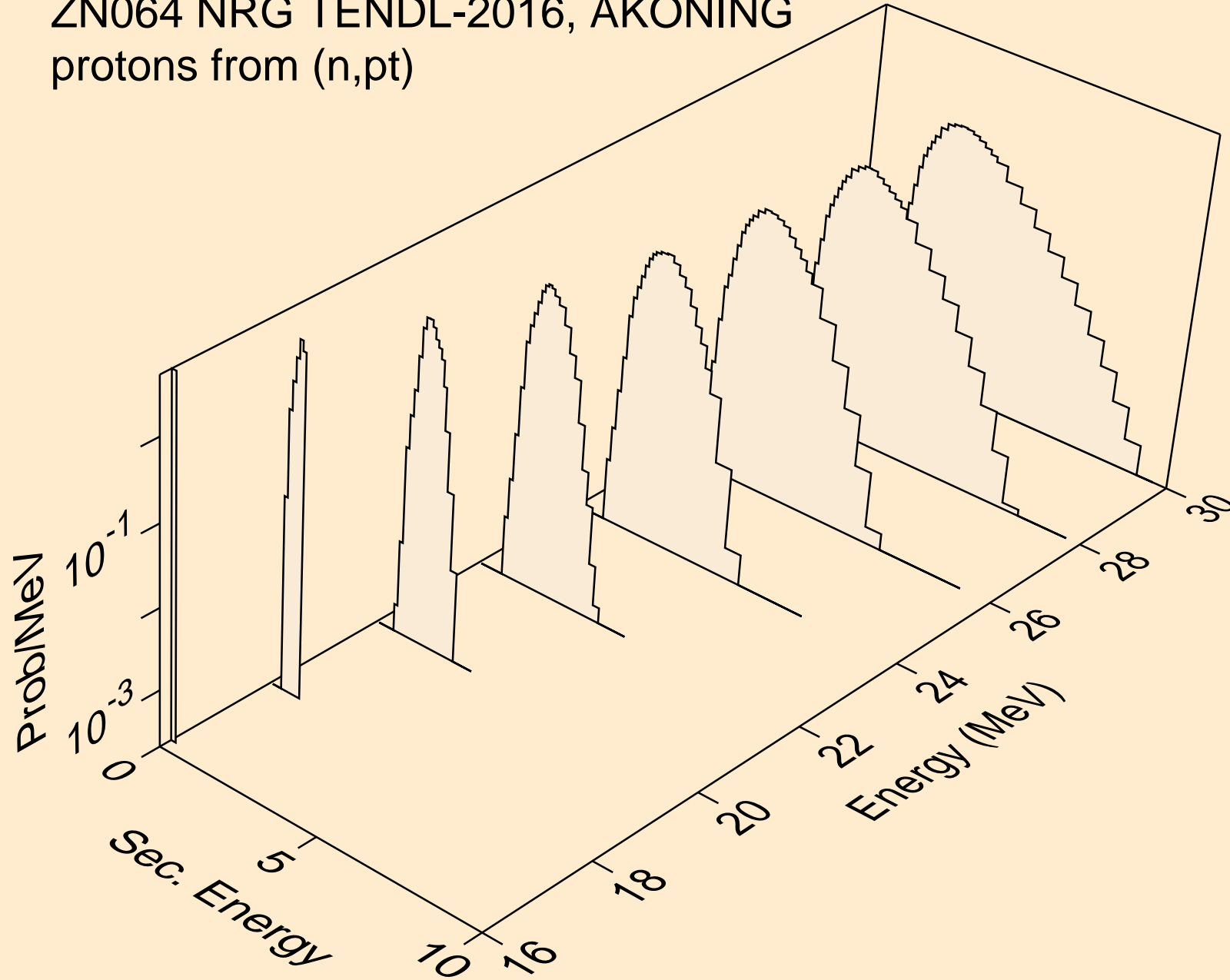
ZN064 NRG TENDL-2016, AKONING  
protons from (n,pa)



ZN064 NRG TENDL-2016, AKONING  
protons from (n,pd)

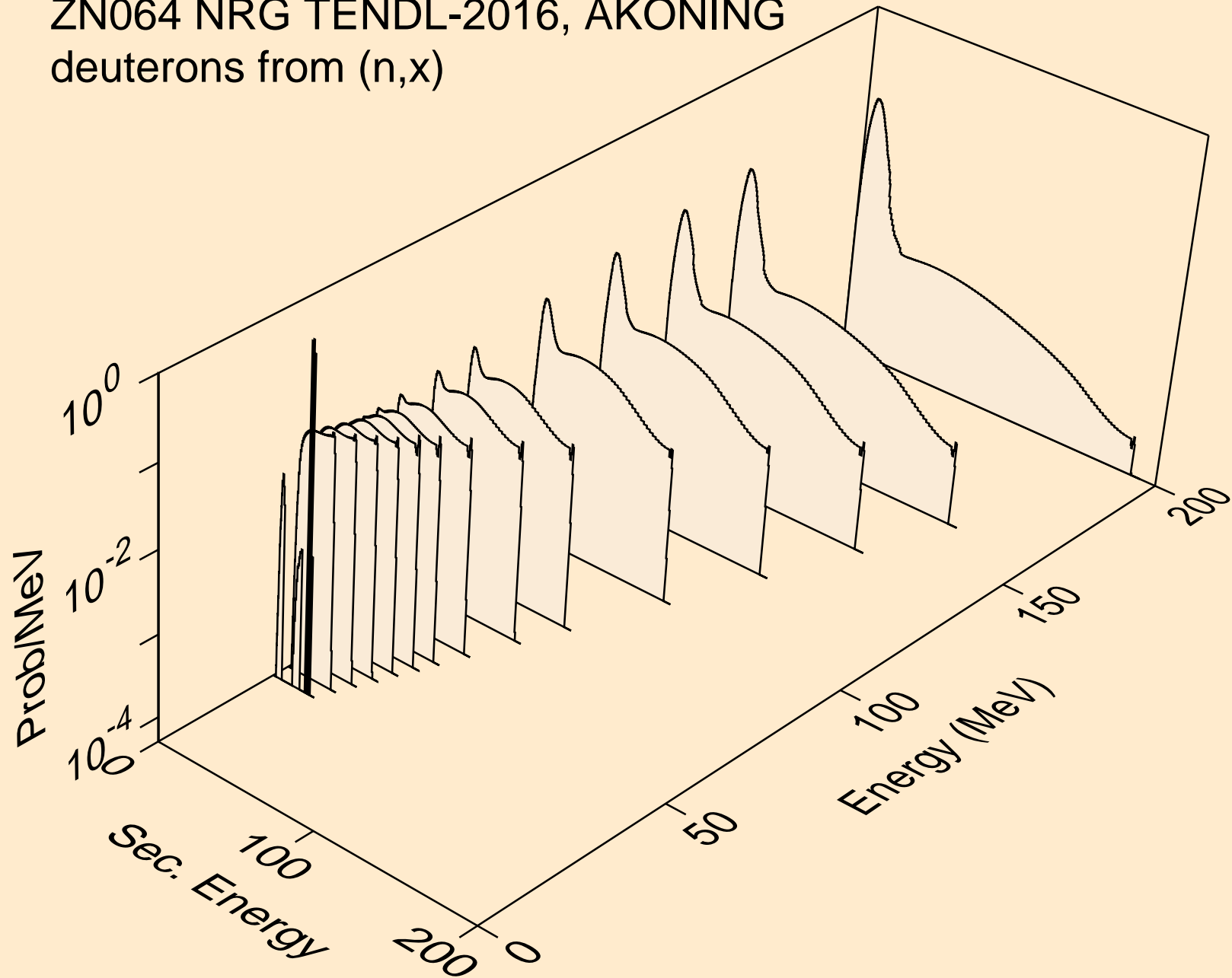


ZN064 NRG TENDL-2016, AKONING  
protons from (n,pt)

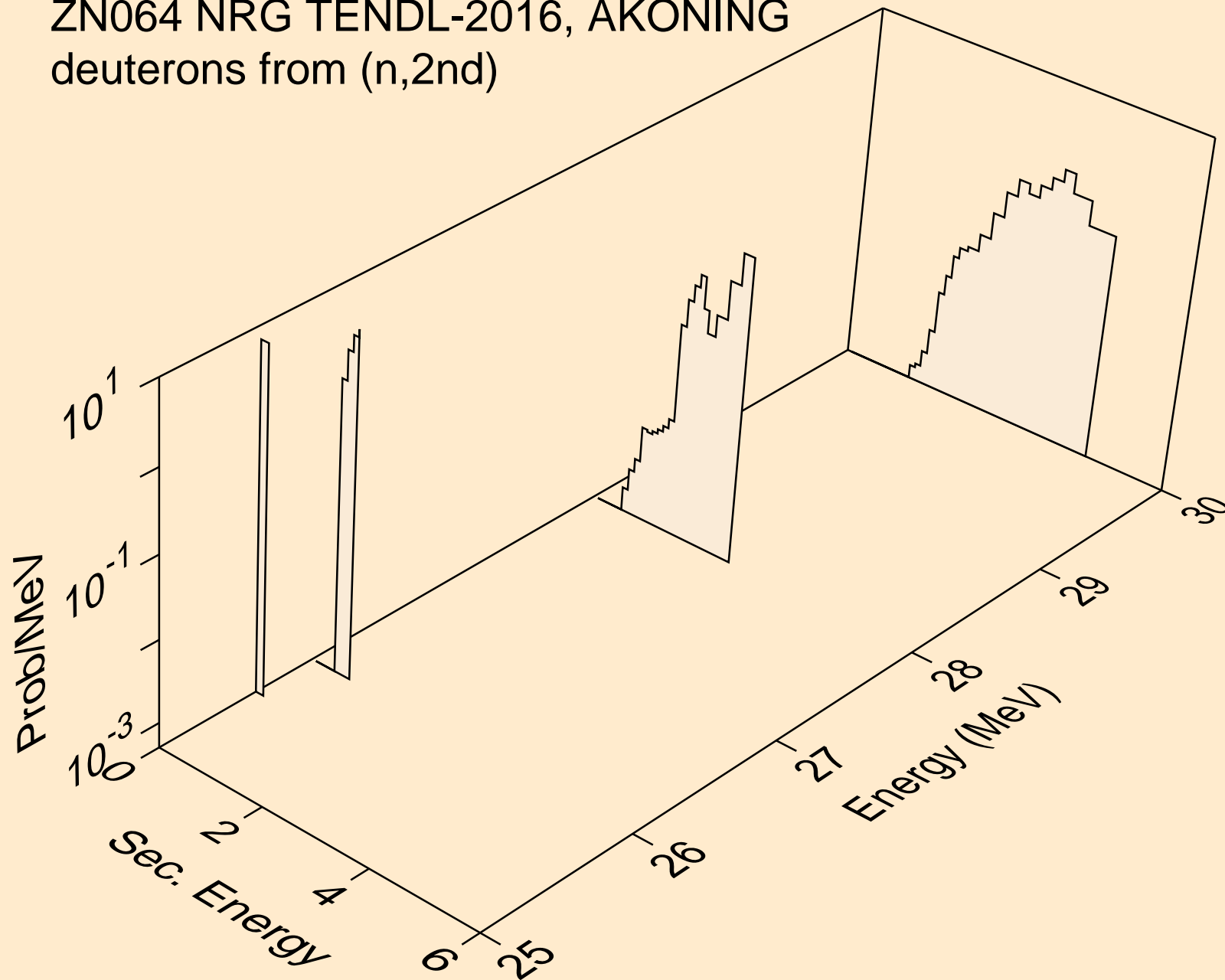




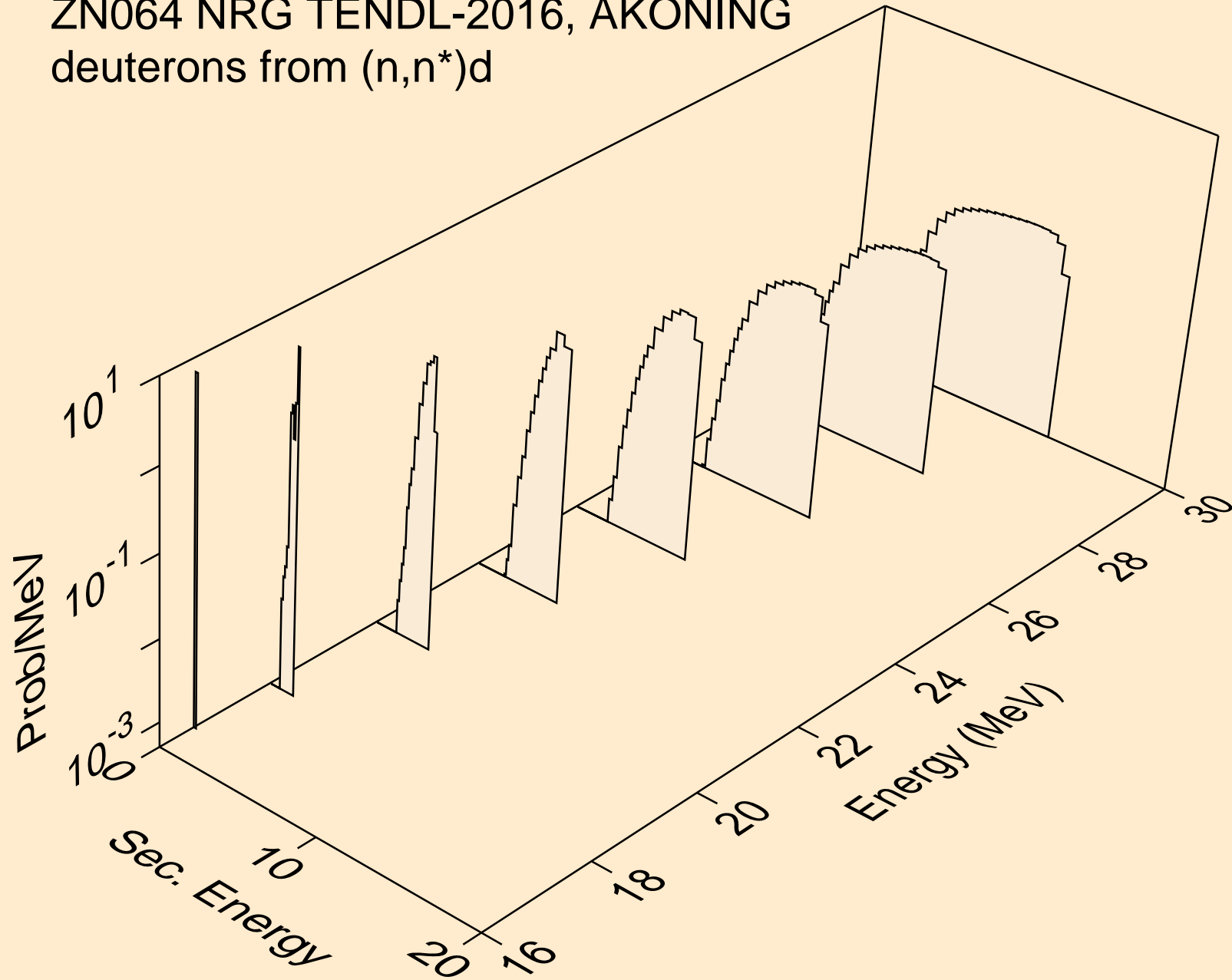
ZN064 NRG TENDL-2016, AKONING  
deuterons from (n,x)



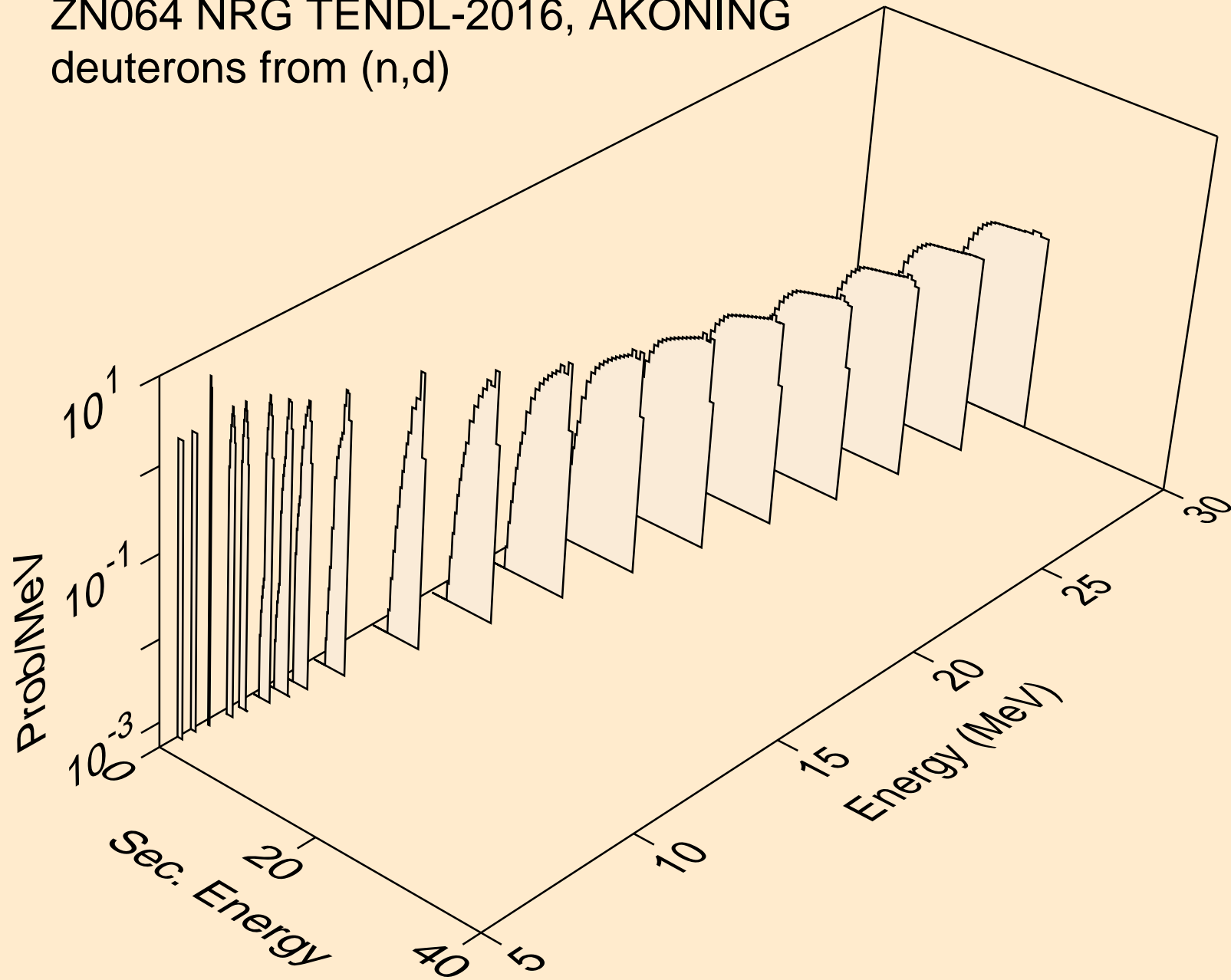
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deuterons from (n,2nd)



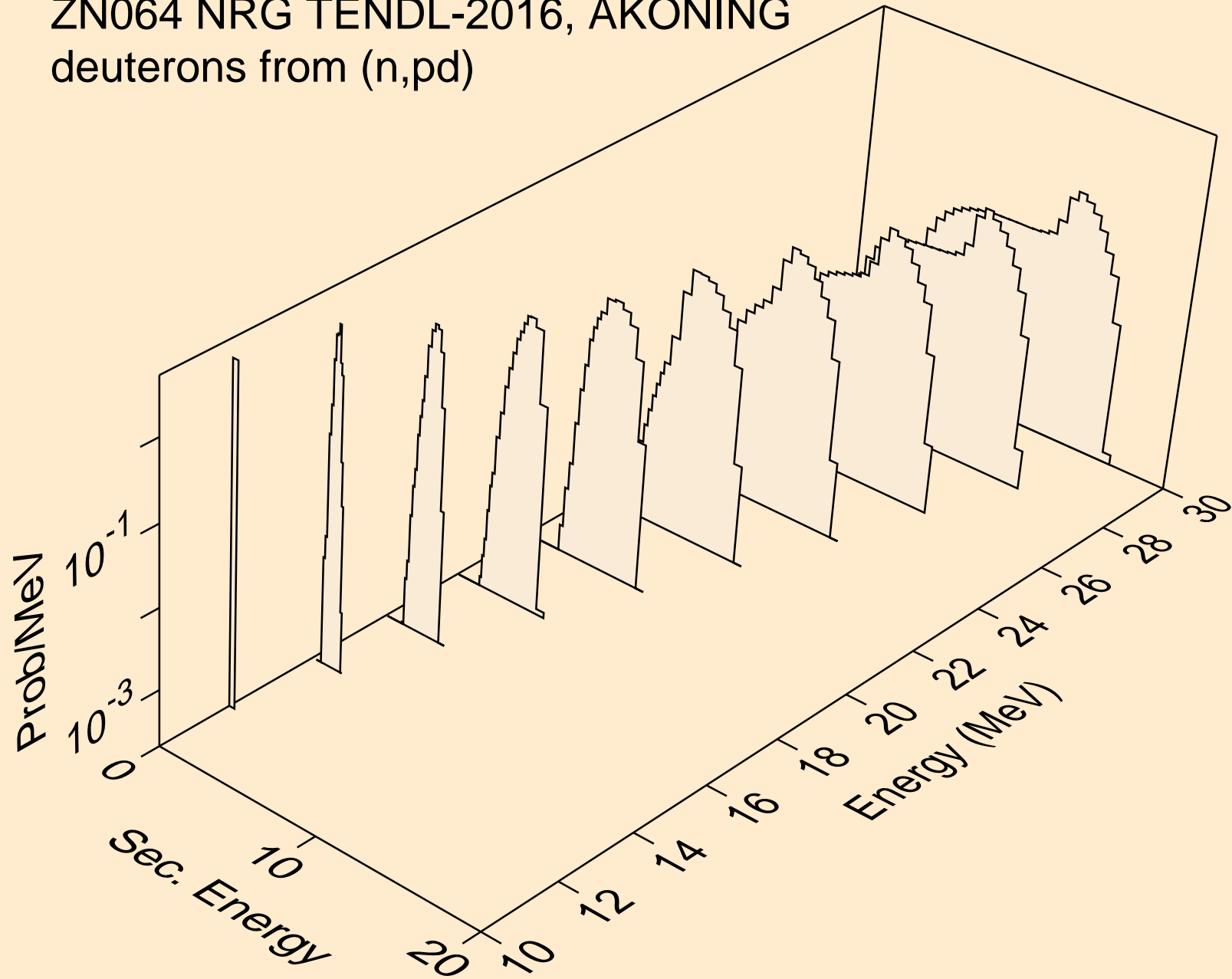
ZN064 NRG TENDL-2016, AKONING  
deuterons from (n,n\*)d



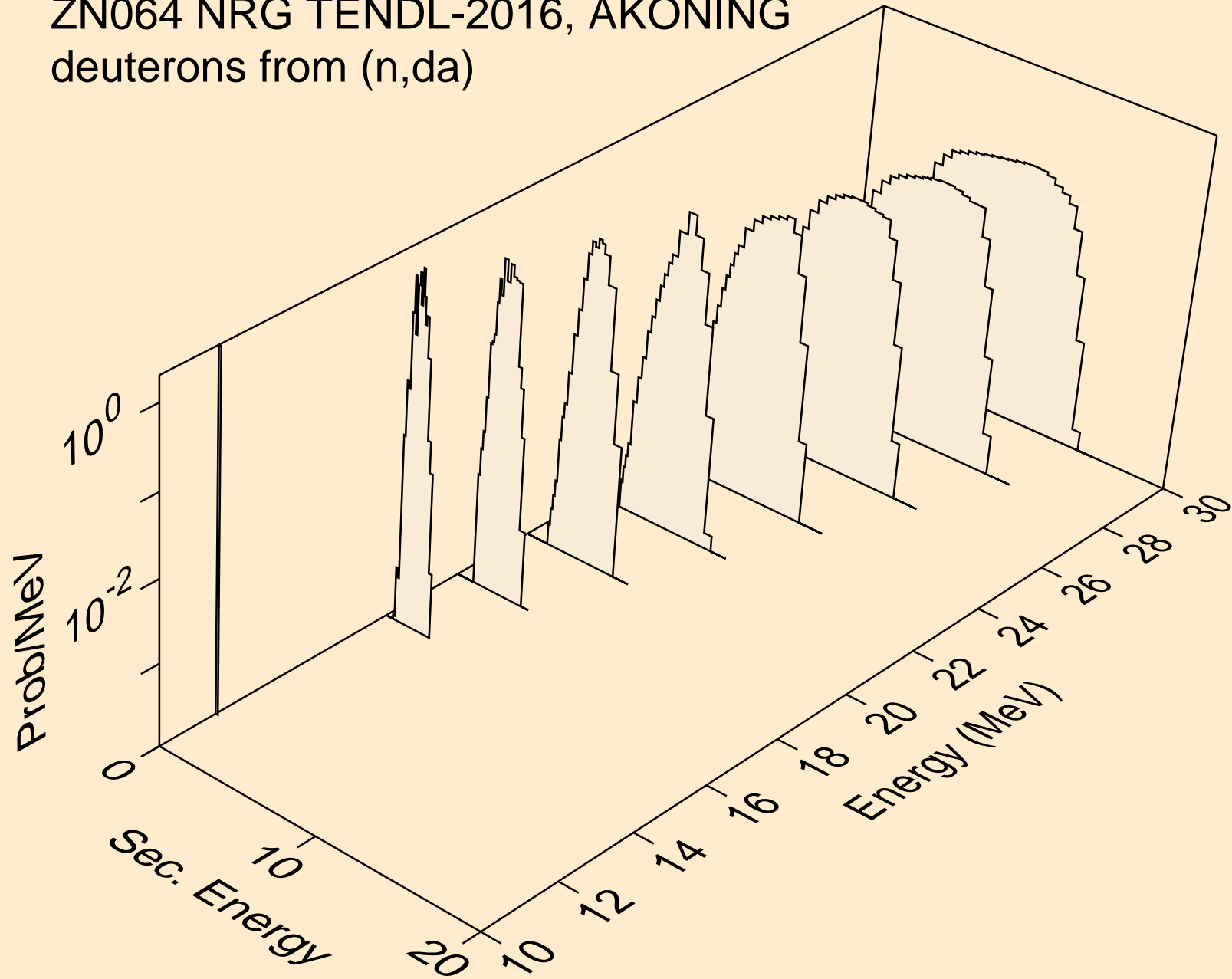
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deuterons from (n,d)



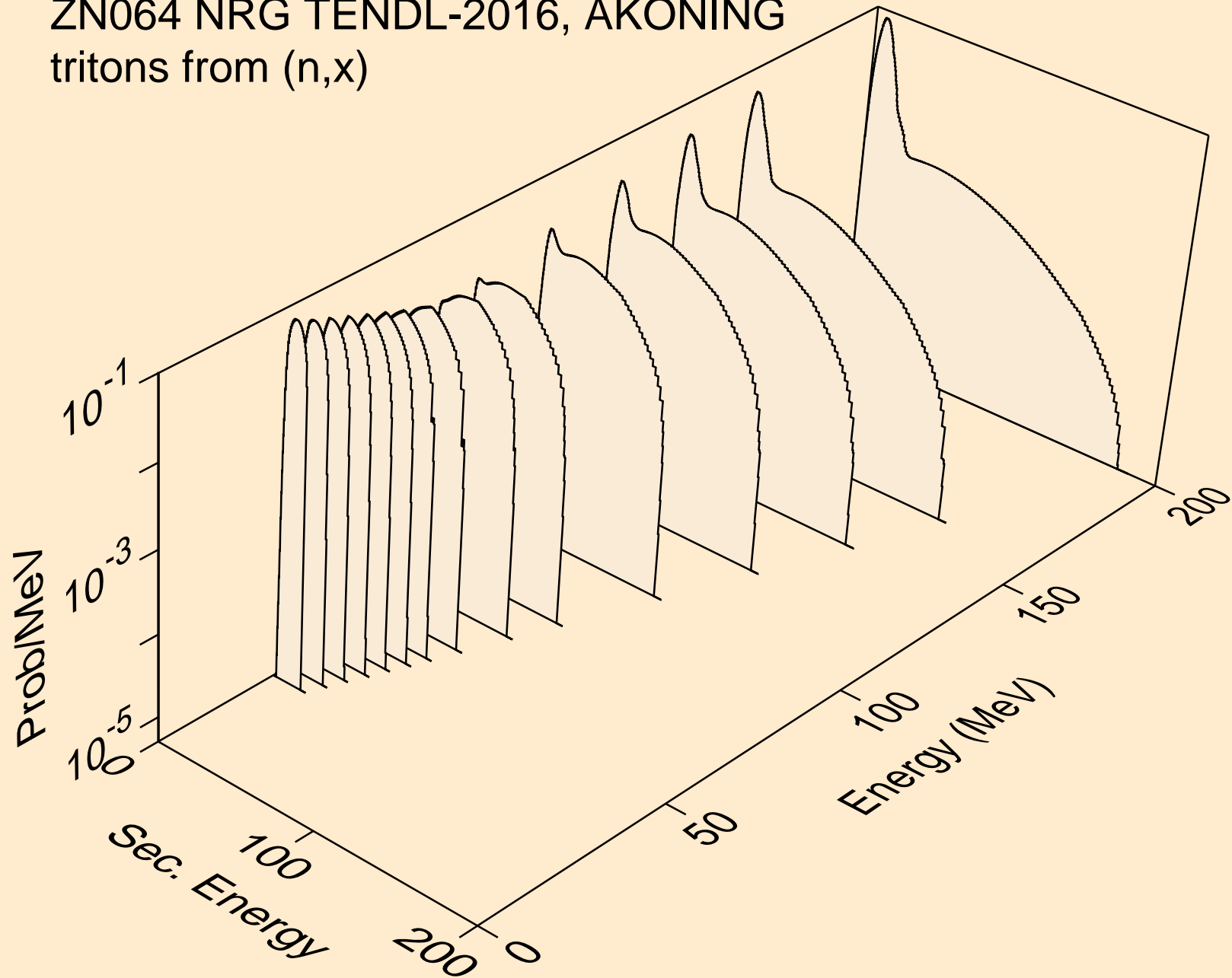
ZN064 NRG TENDL-2016, AKONING  
deuterons from (n,pd)



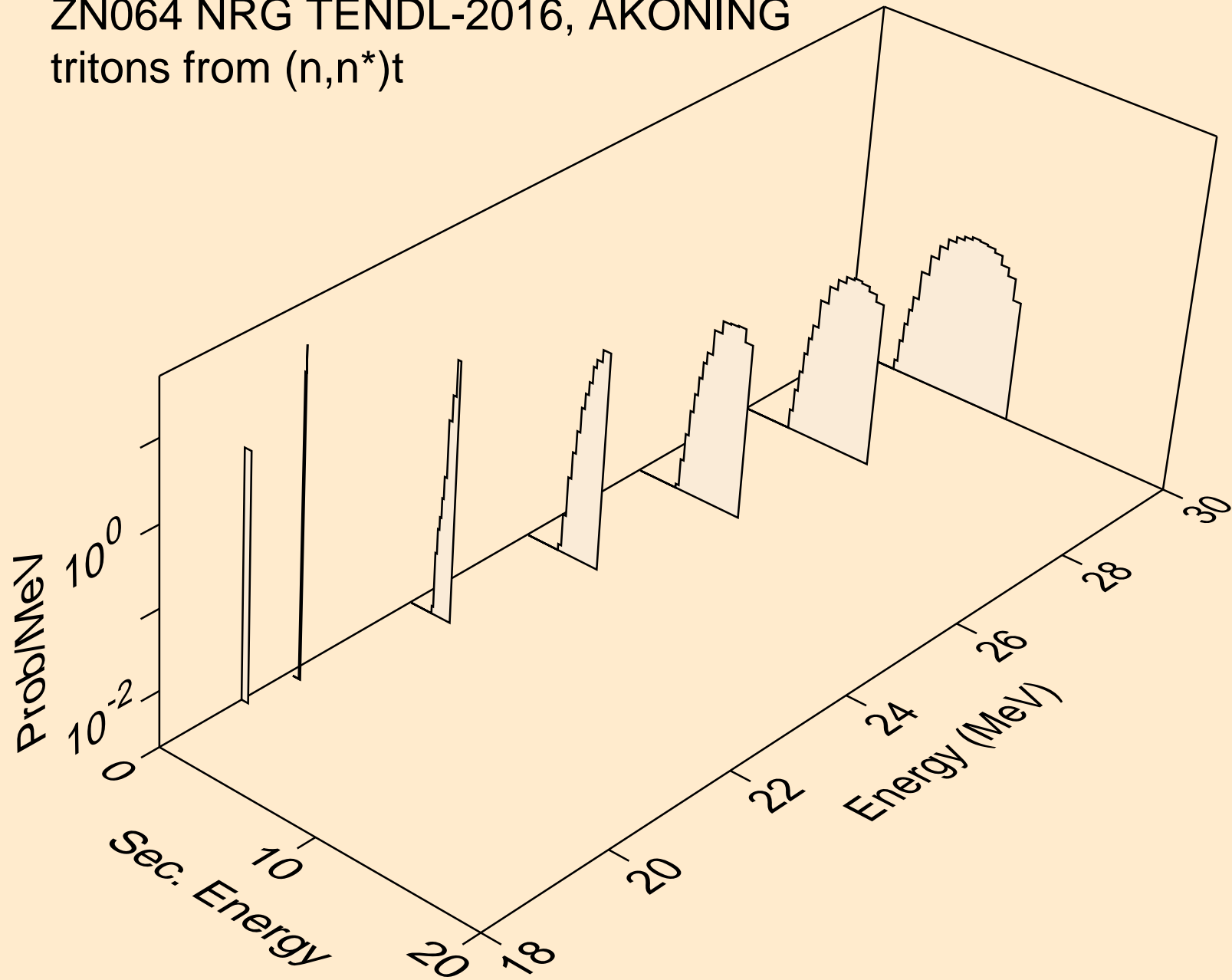
ZN064 NRG TENDL-2016, AKONING  
deuterons from (n,da)



ZN064 NRG TENDL-2016, AKONING  
tritons from (n,x)

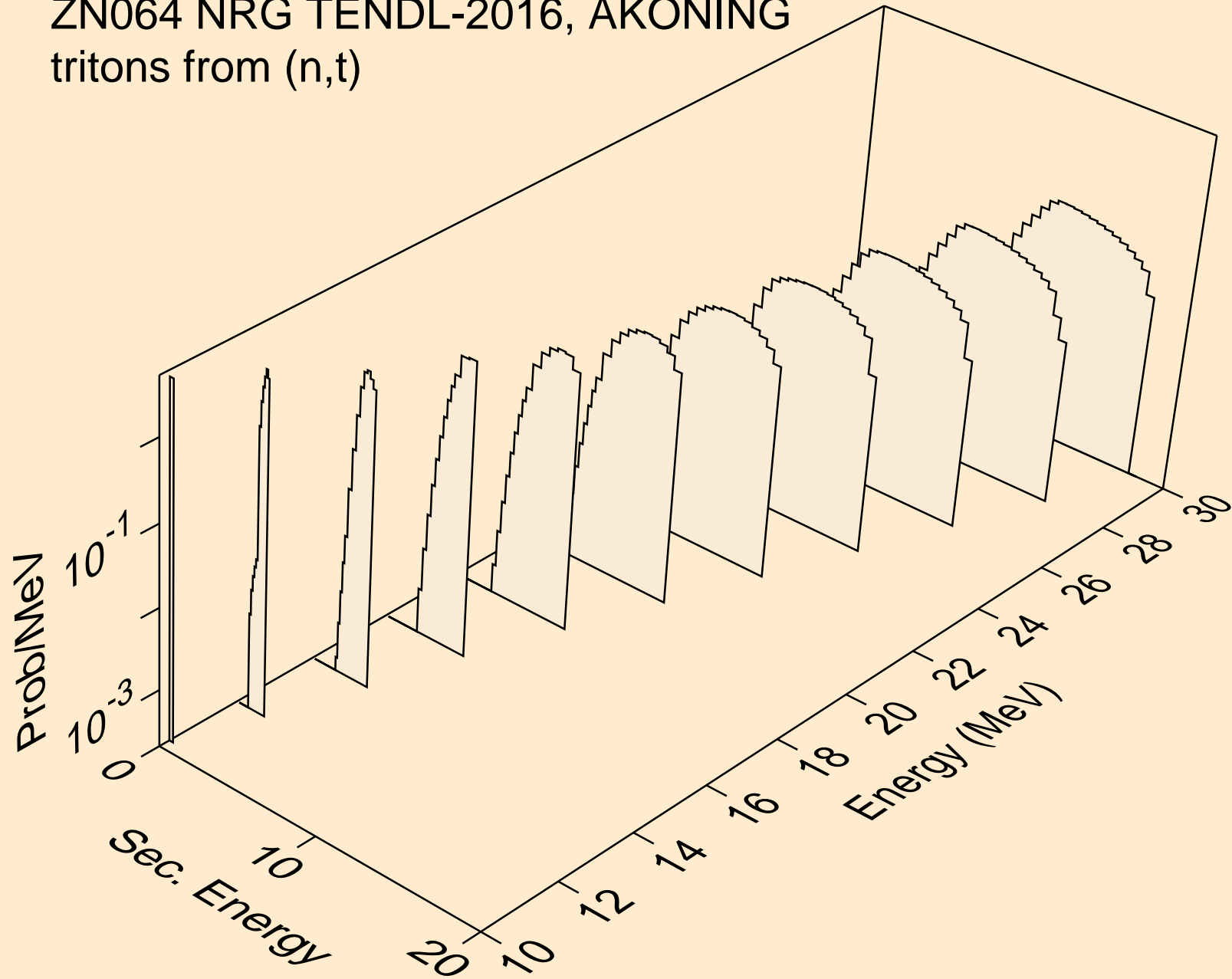


ZN064 NRG TENDL-2016, AKONING  
tritons from (n,n\*)t

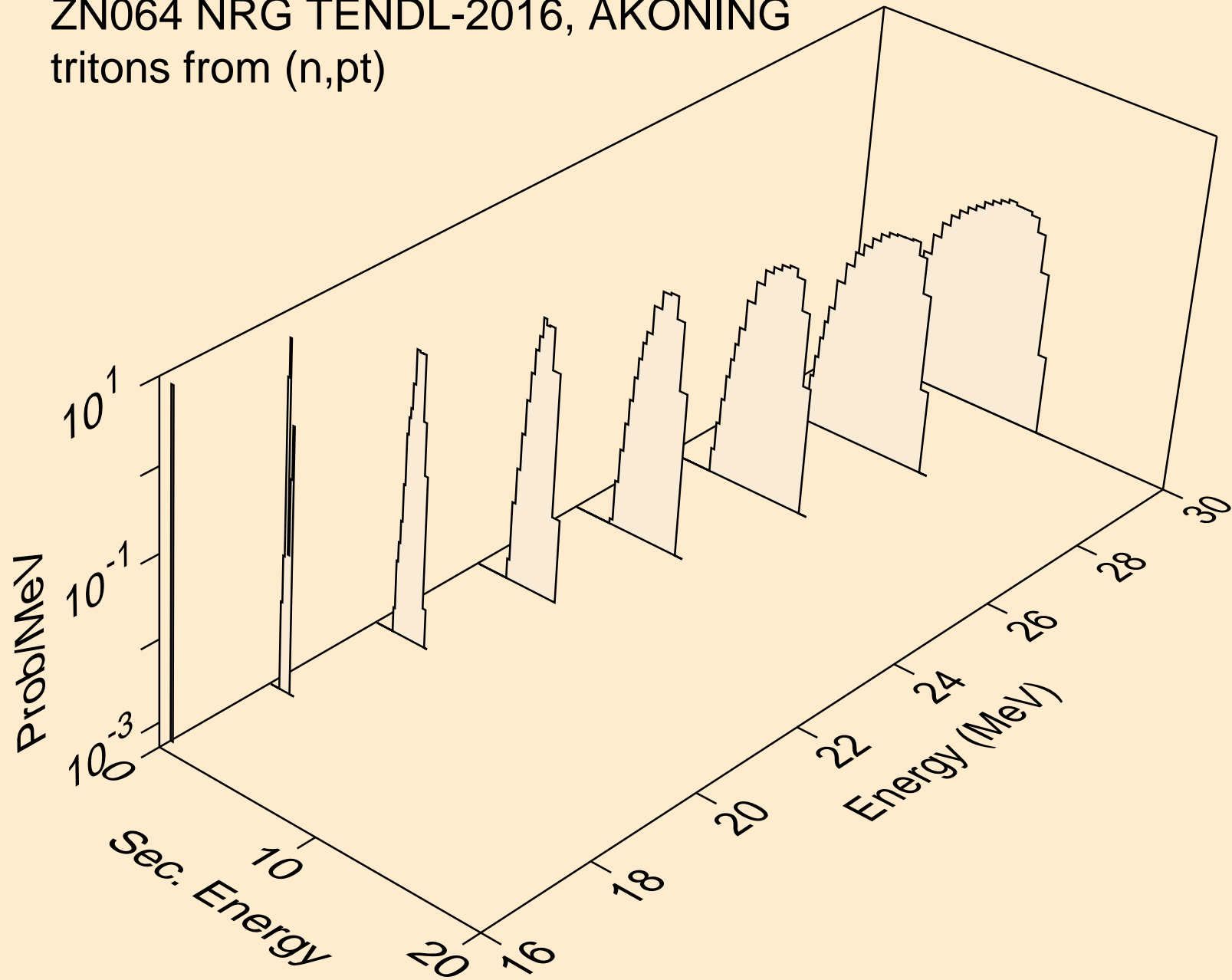




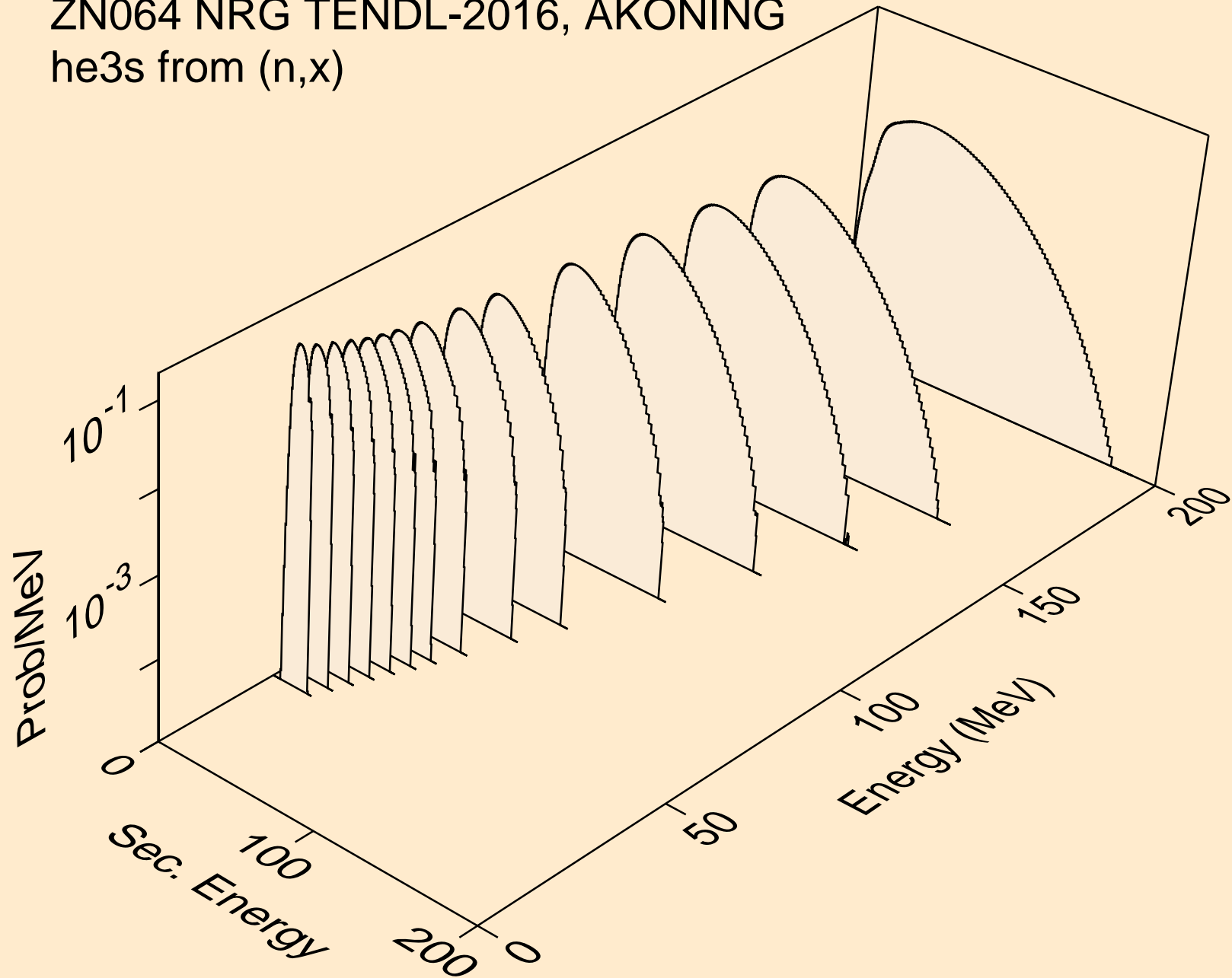
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tritons from (n,t)



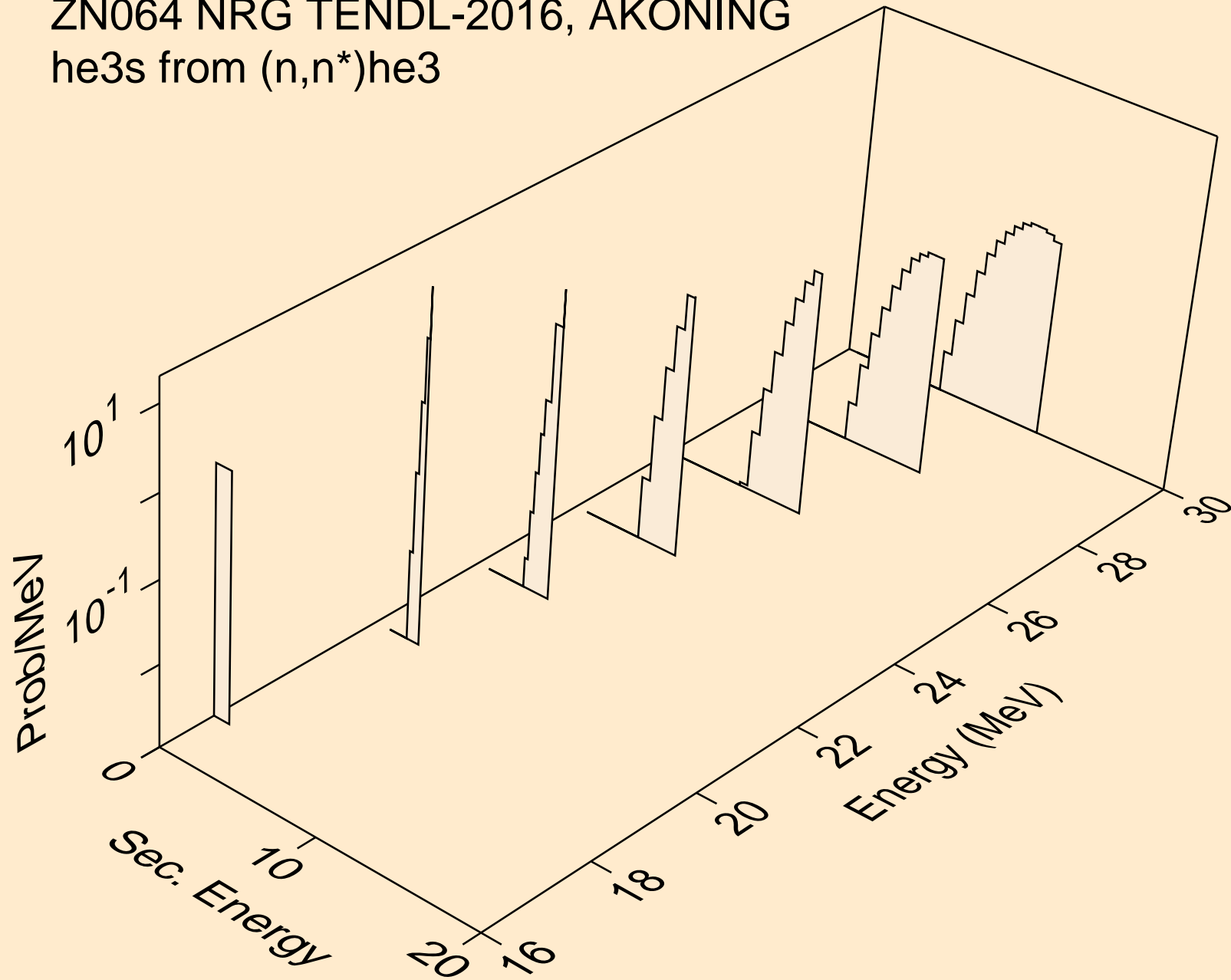
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tritons from (n,pt)



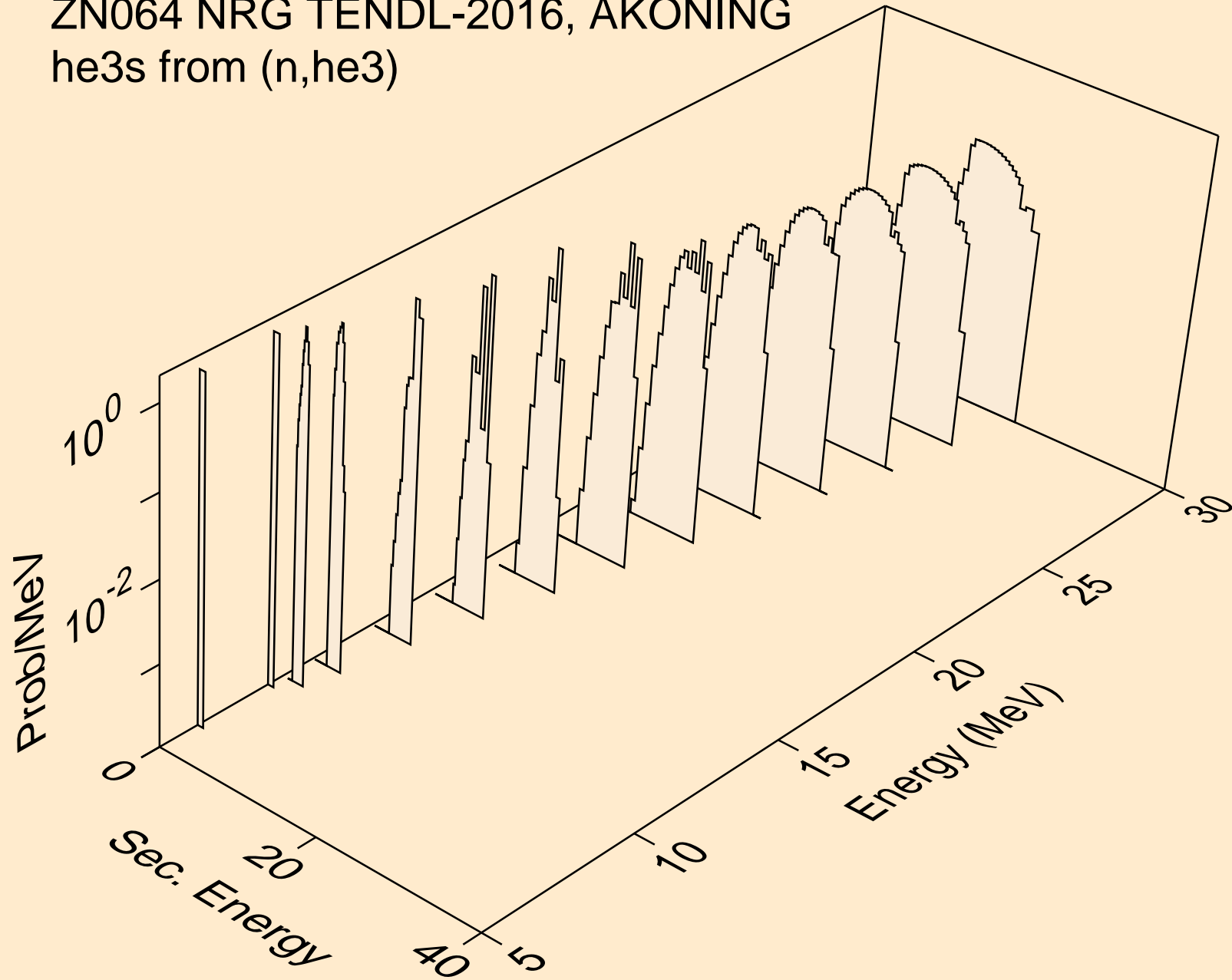
ZN064 NRG TENDL-2016, AKONING  
he3s from (n,x)



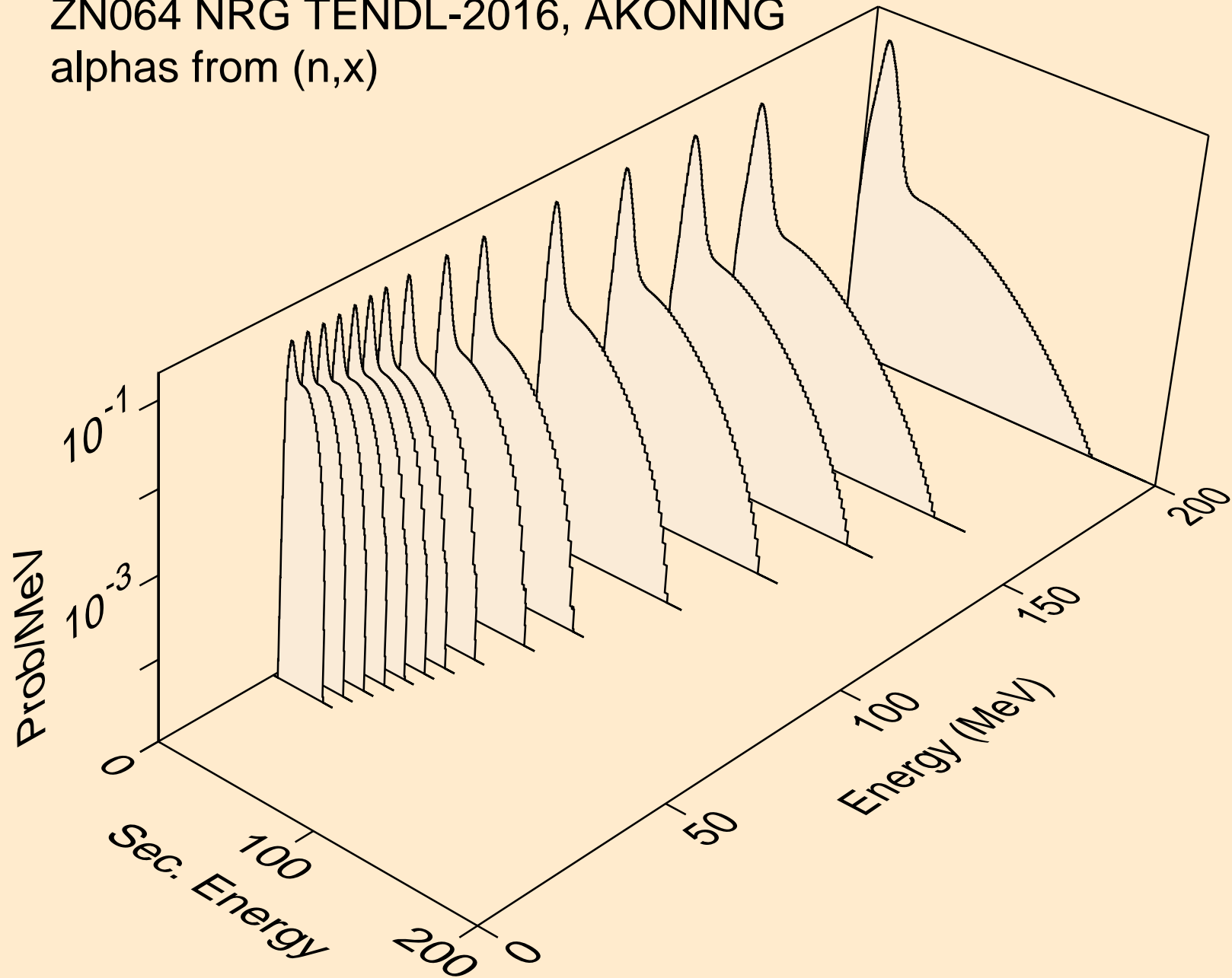
ZN064 NRG TENDL-2016, AKONING  
he3s from (n,n\*)he3



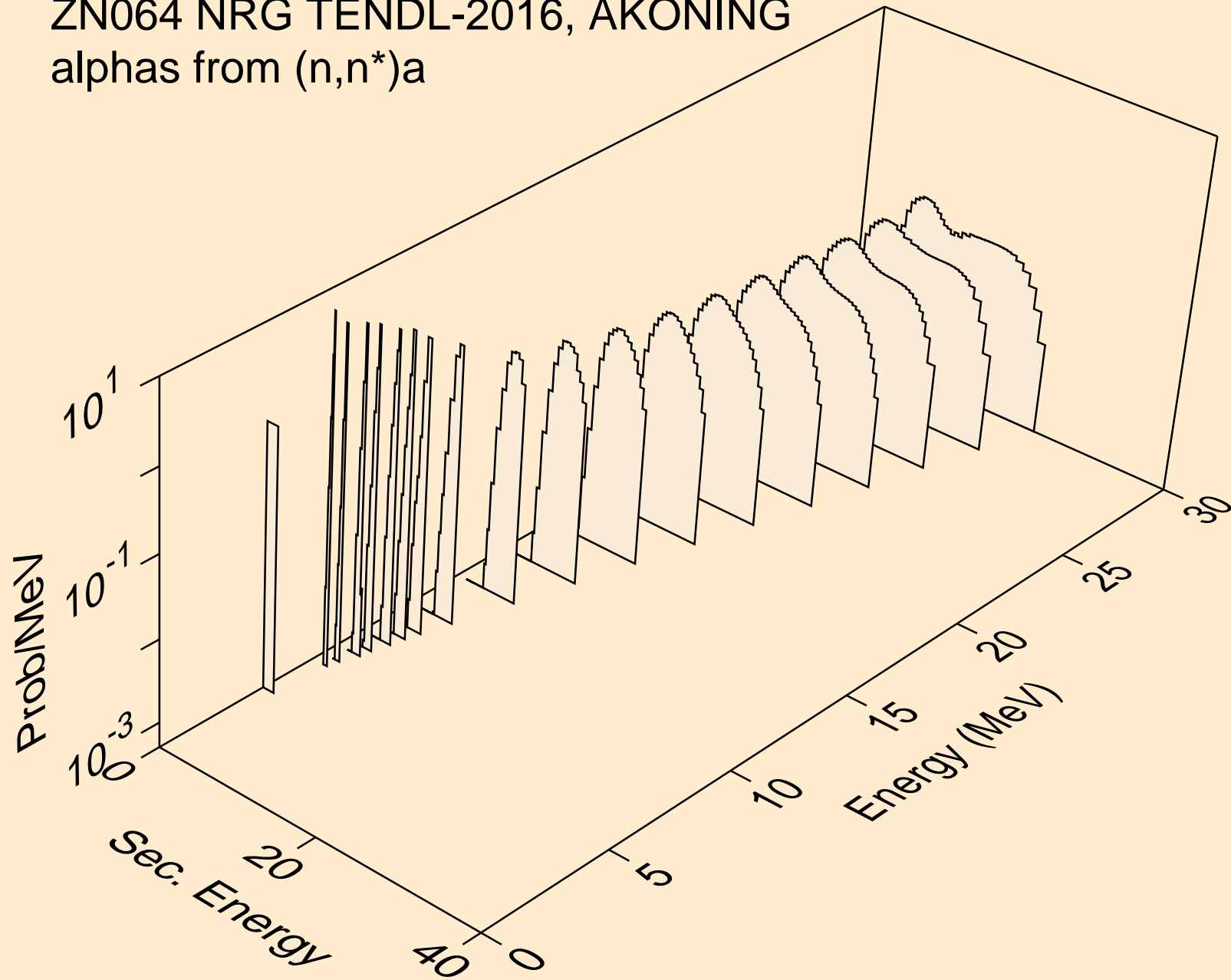
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he3s from (n,he3)



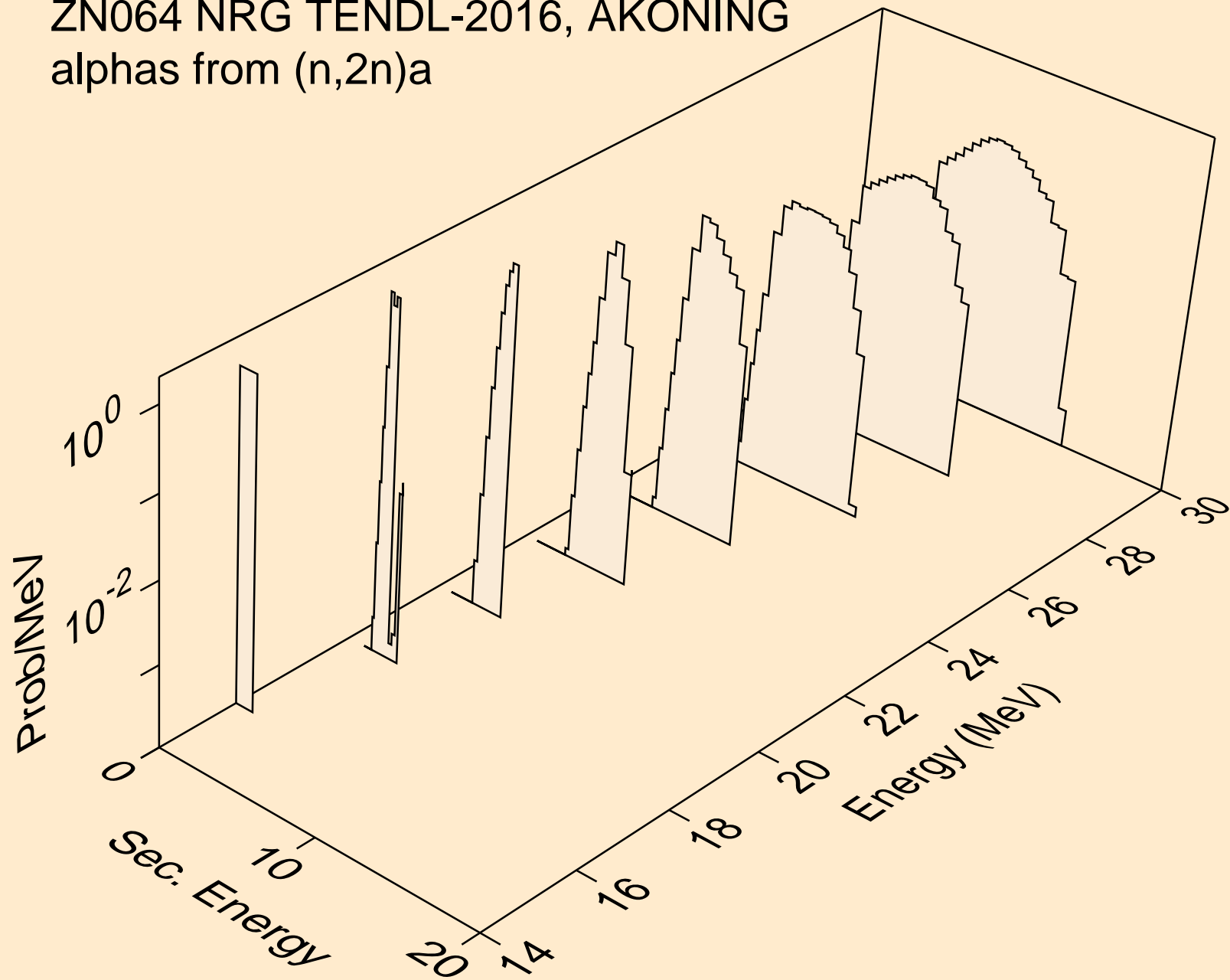
ZN064 NRG TENDL-2016, AKONING  
alphas from (n,x)



ZN064 NRG TENDL-2016, AKONING  
alphas from (n,n\*)a

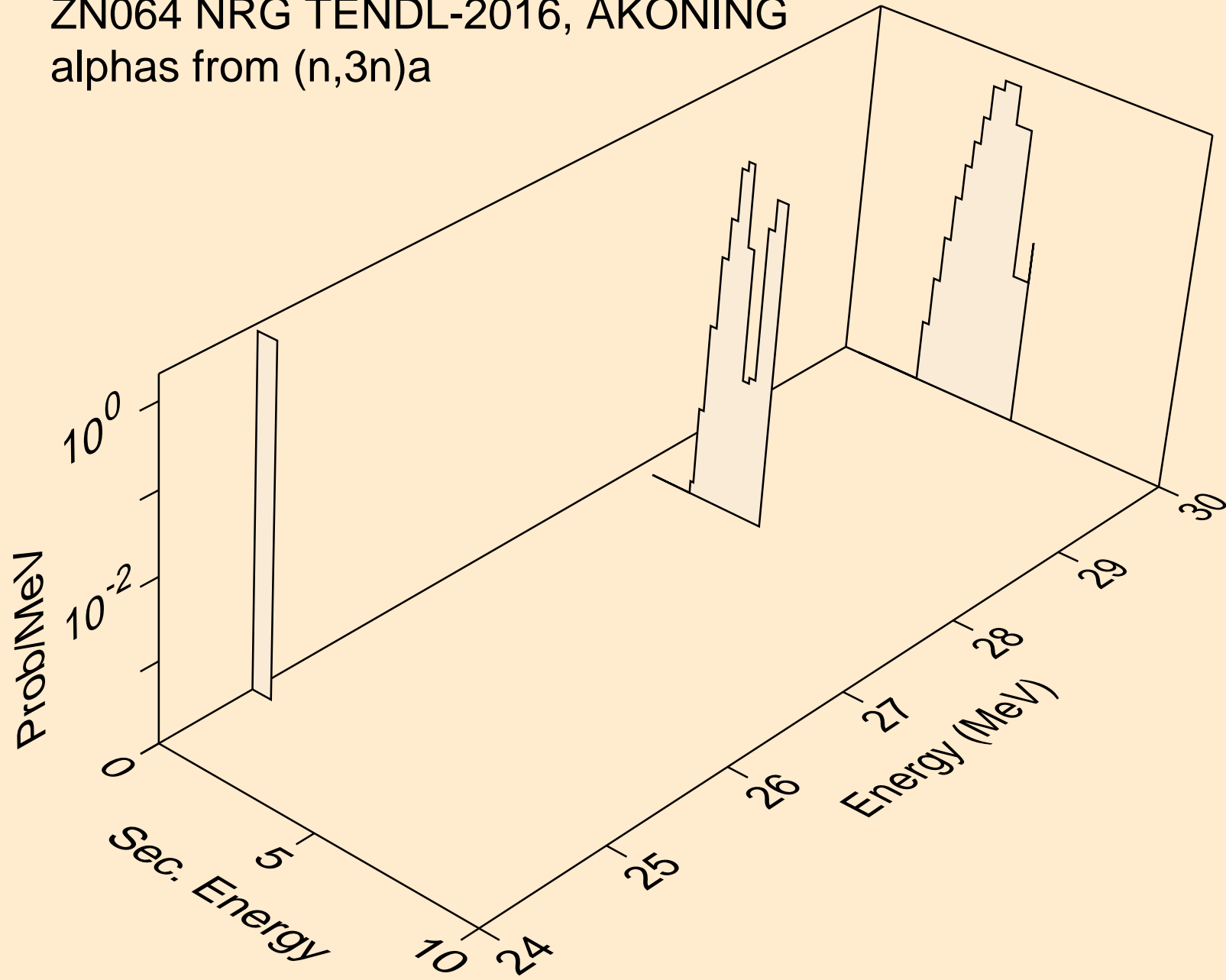


ZN064 NRG TENDL-2016, AKONING  
alphas from (n,2n)a

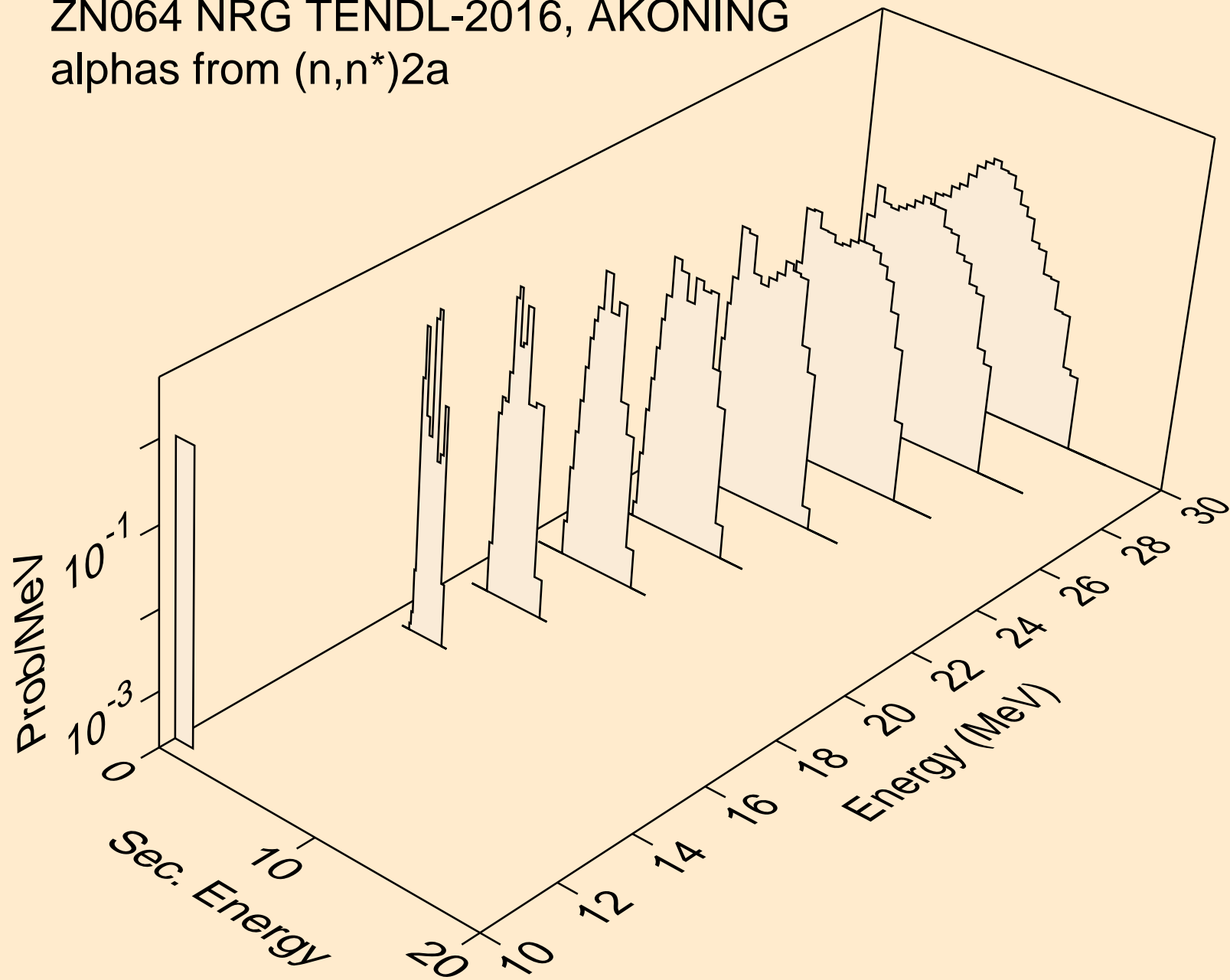




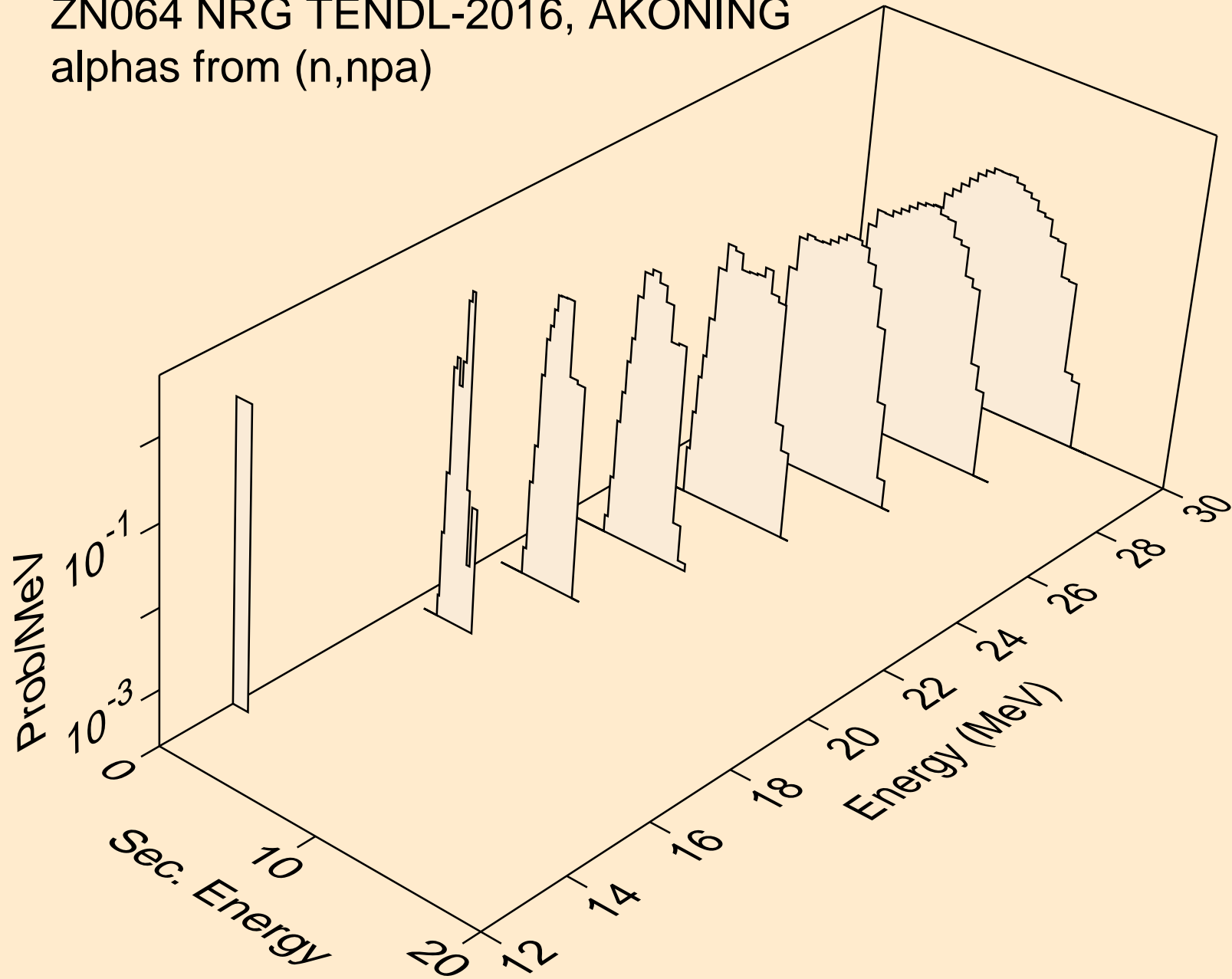
ZN064 NRG TENDL-2016, AKONING  
alphas from (n,3n)a



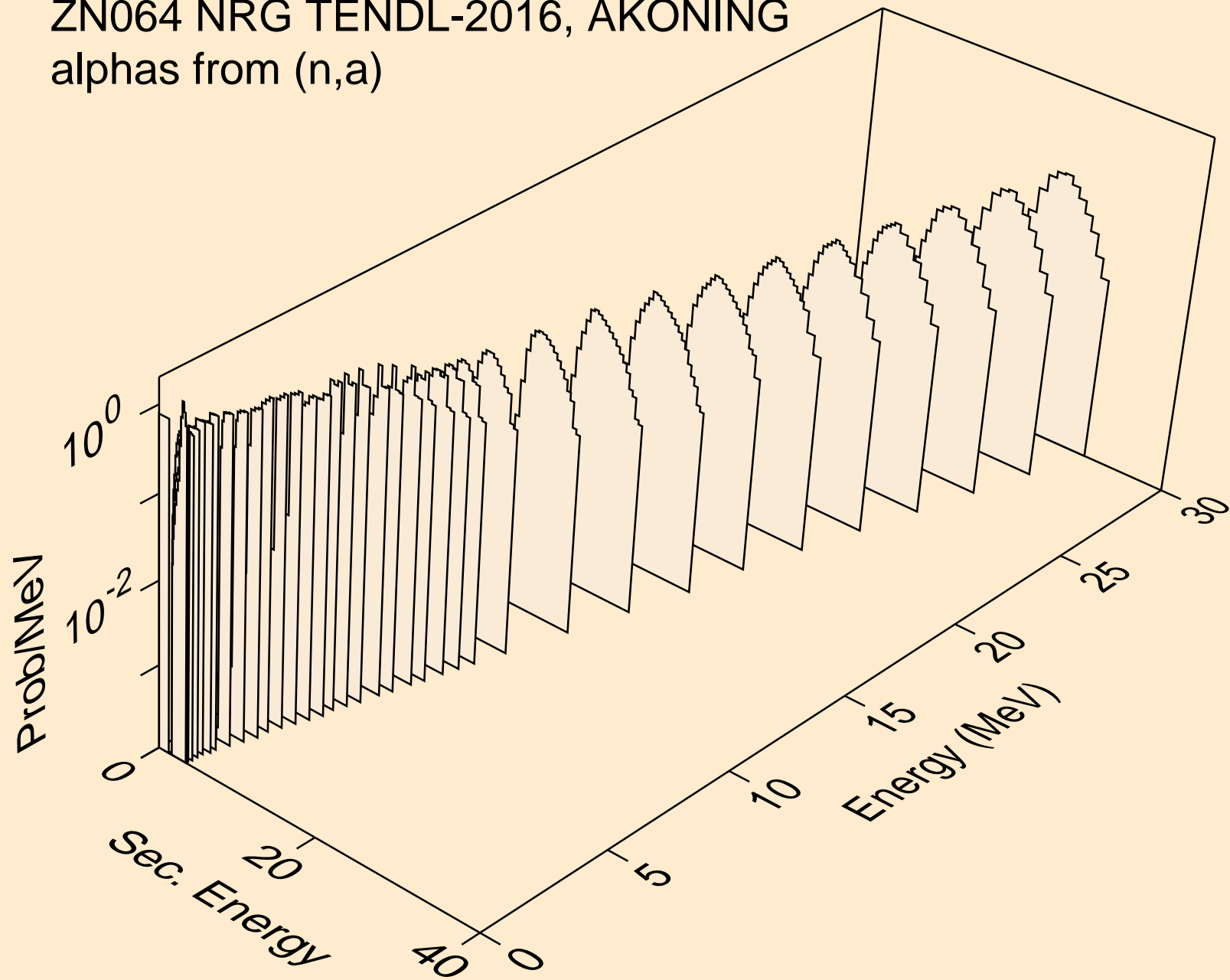
ZN064 NRG TENDL-2016, AKONING  
alphas from (n,n\*)2a



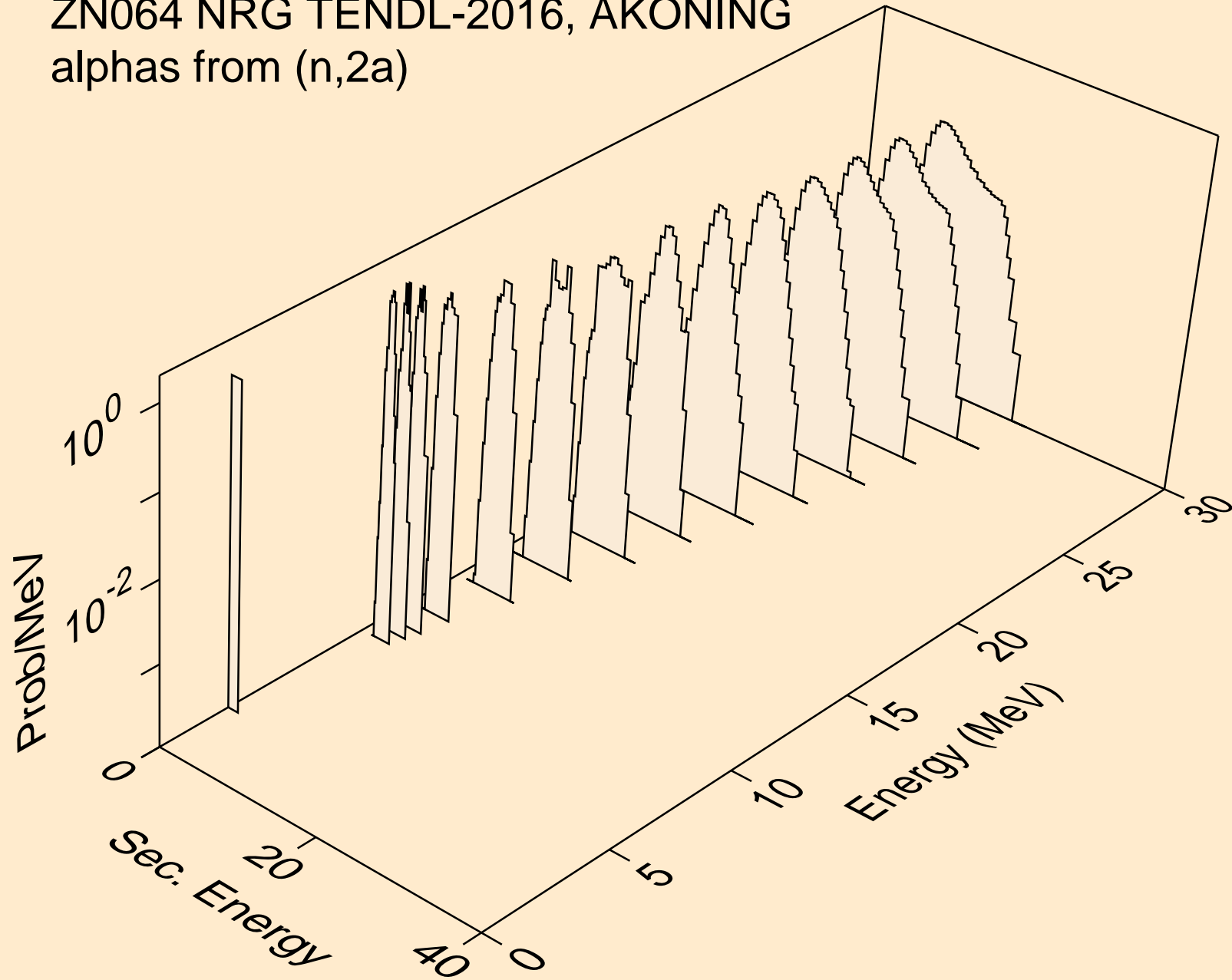
ZN064 NRG TENDL-2016, AKONING  
alphas from (n,npa)



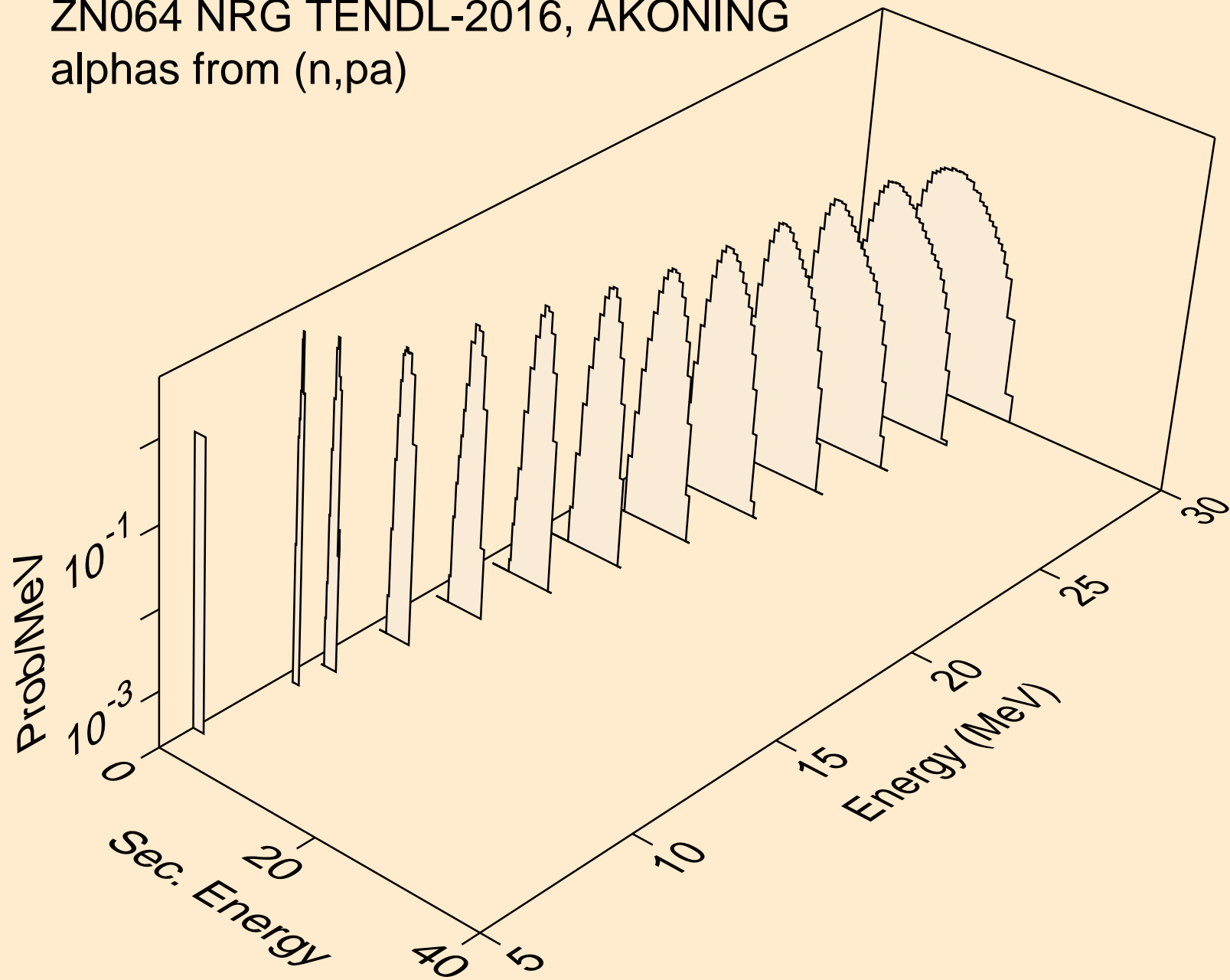
ZN064 NRG TENDL-2016, AKONING  
alphas from (n,a)



ZN064 NRG TENDL-2016, AKONING  
alphas from (n,2a)



ZN064 NRG TENDL-2016, AKONING  
alphas from (n,pa)



ZN064 NRG TENDL-2016, AKONING  
alphas from (n,da)

