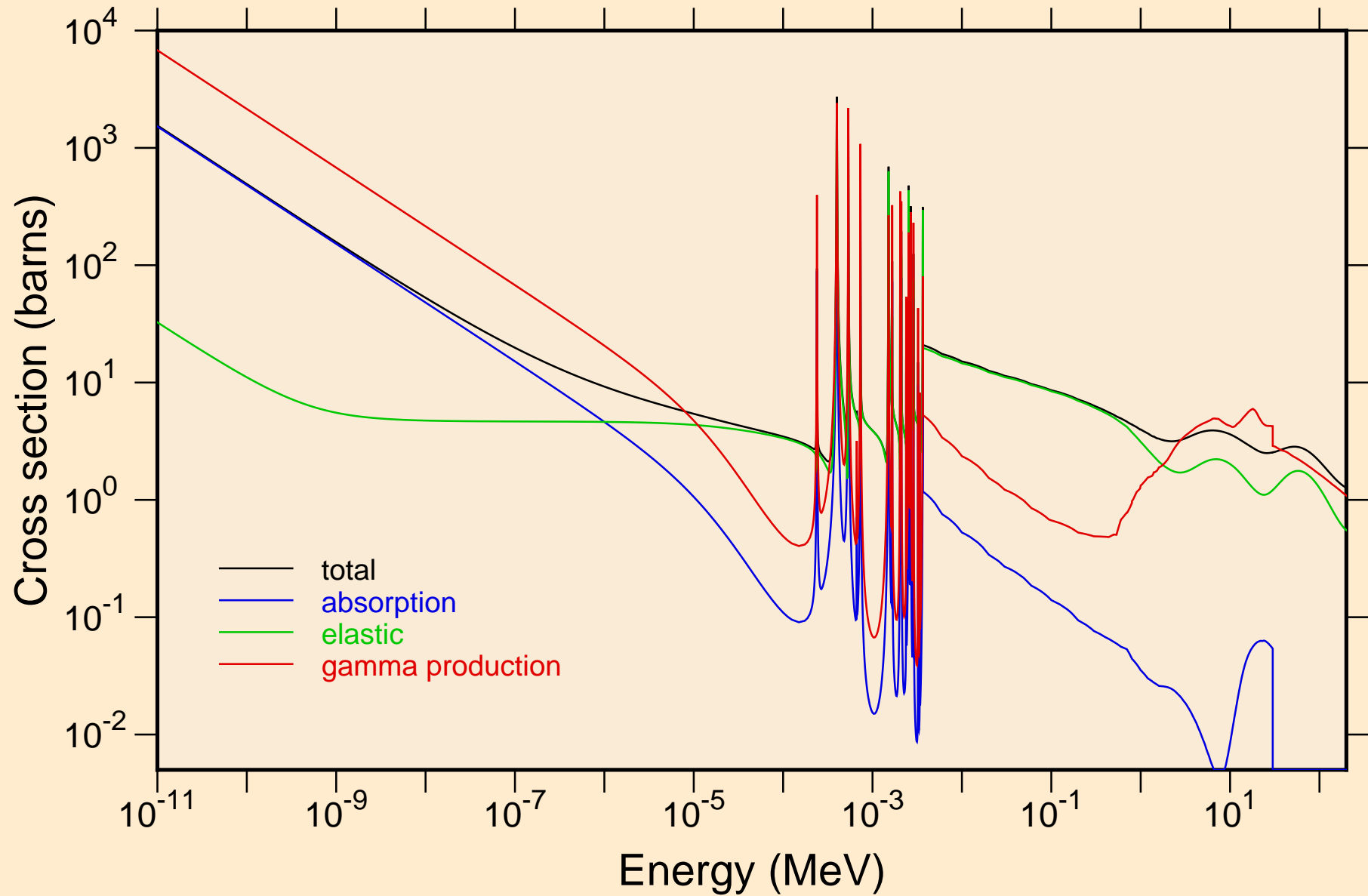
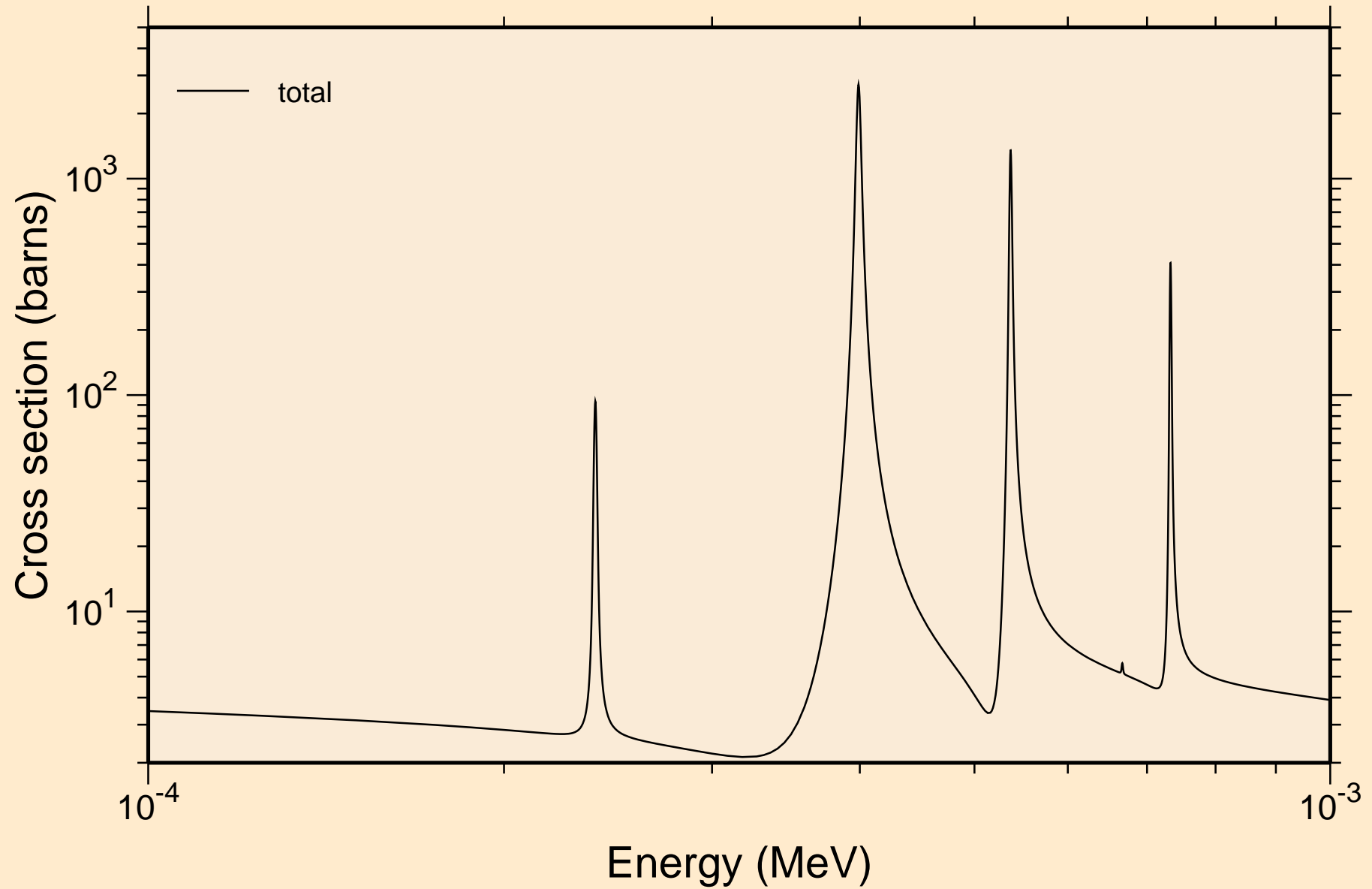


# ZN069M NRG TENDL-2015, AKONING

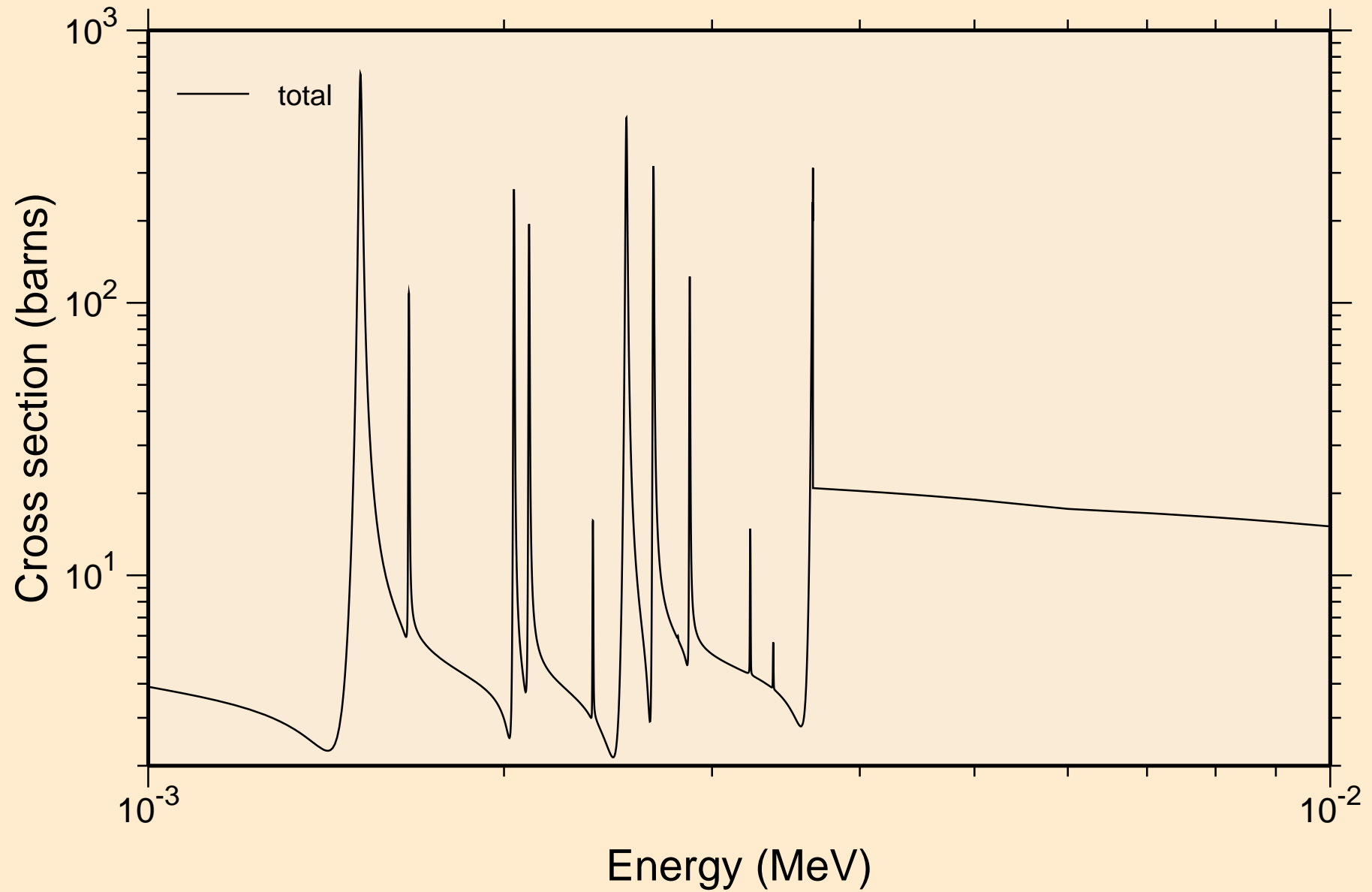
## Principal cross sections



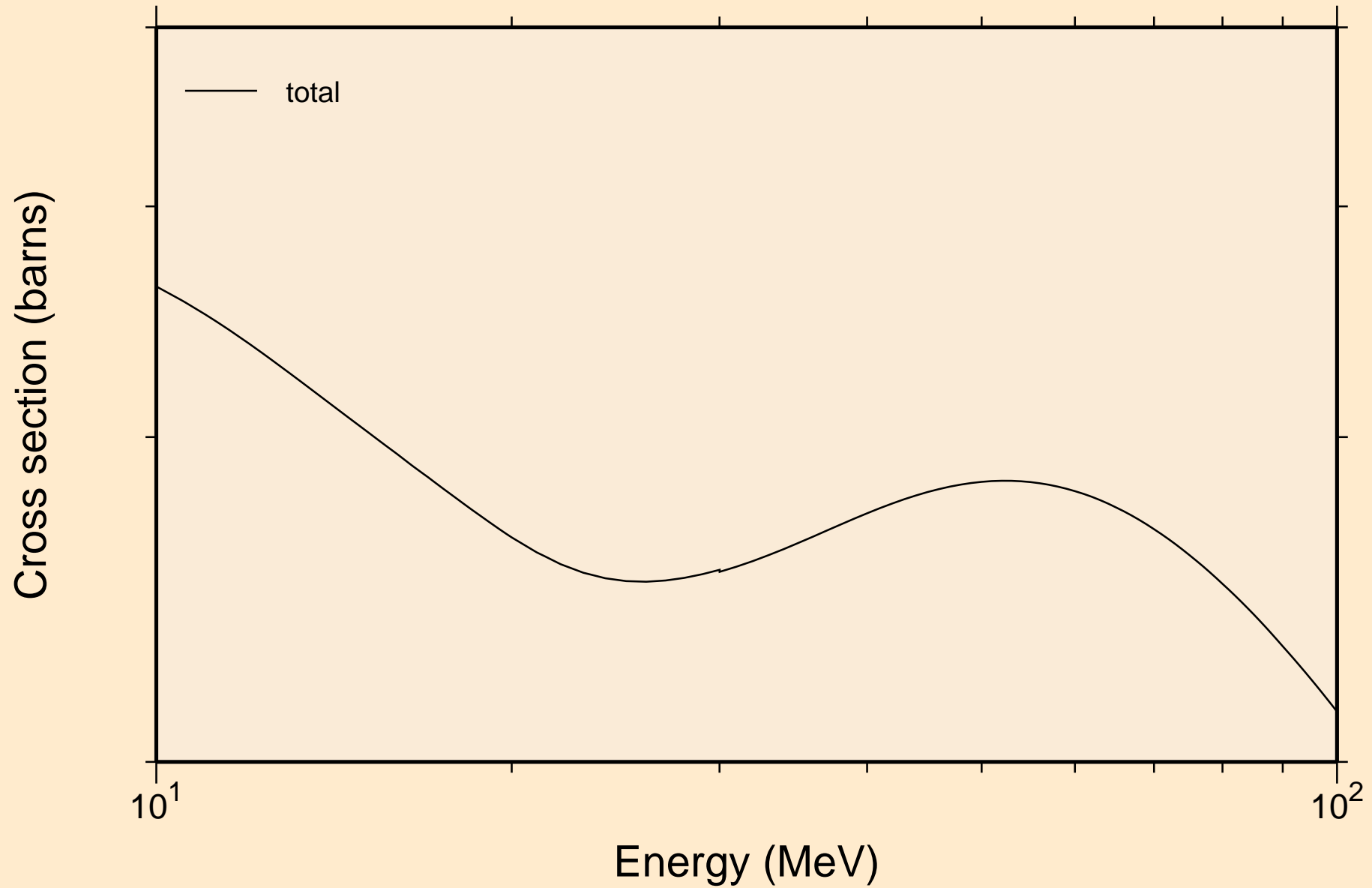
ZN069M NRG TENDL-2015, AKONING  
resonance total cross section



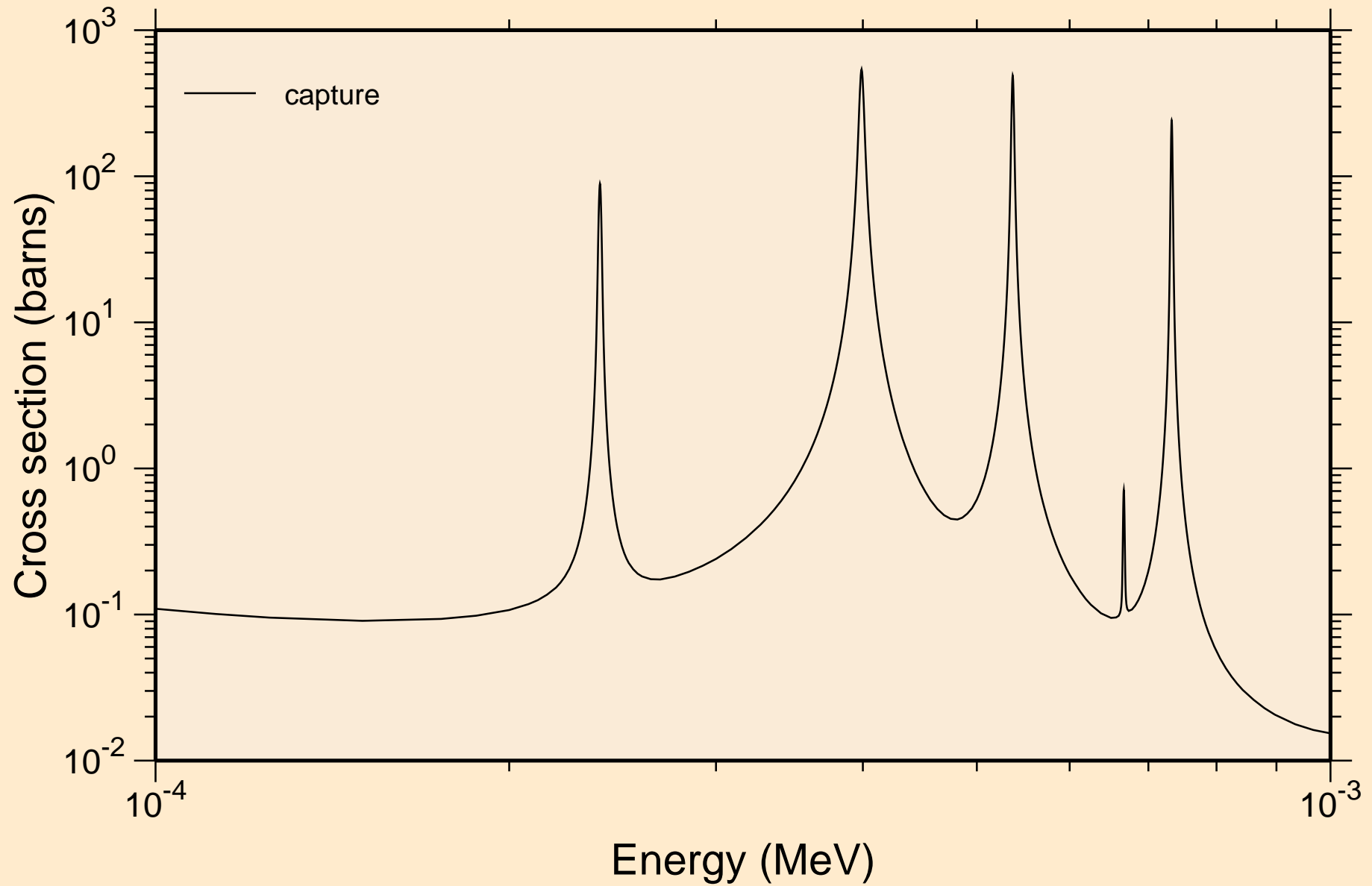
ZN069M NRG TENDL-2015, AKONING  
resonance total cross section



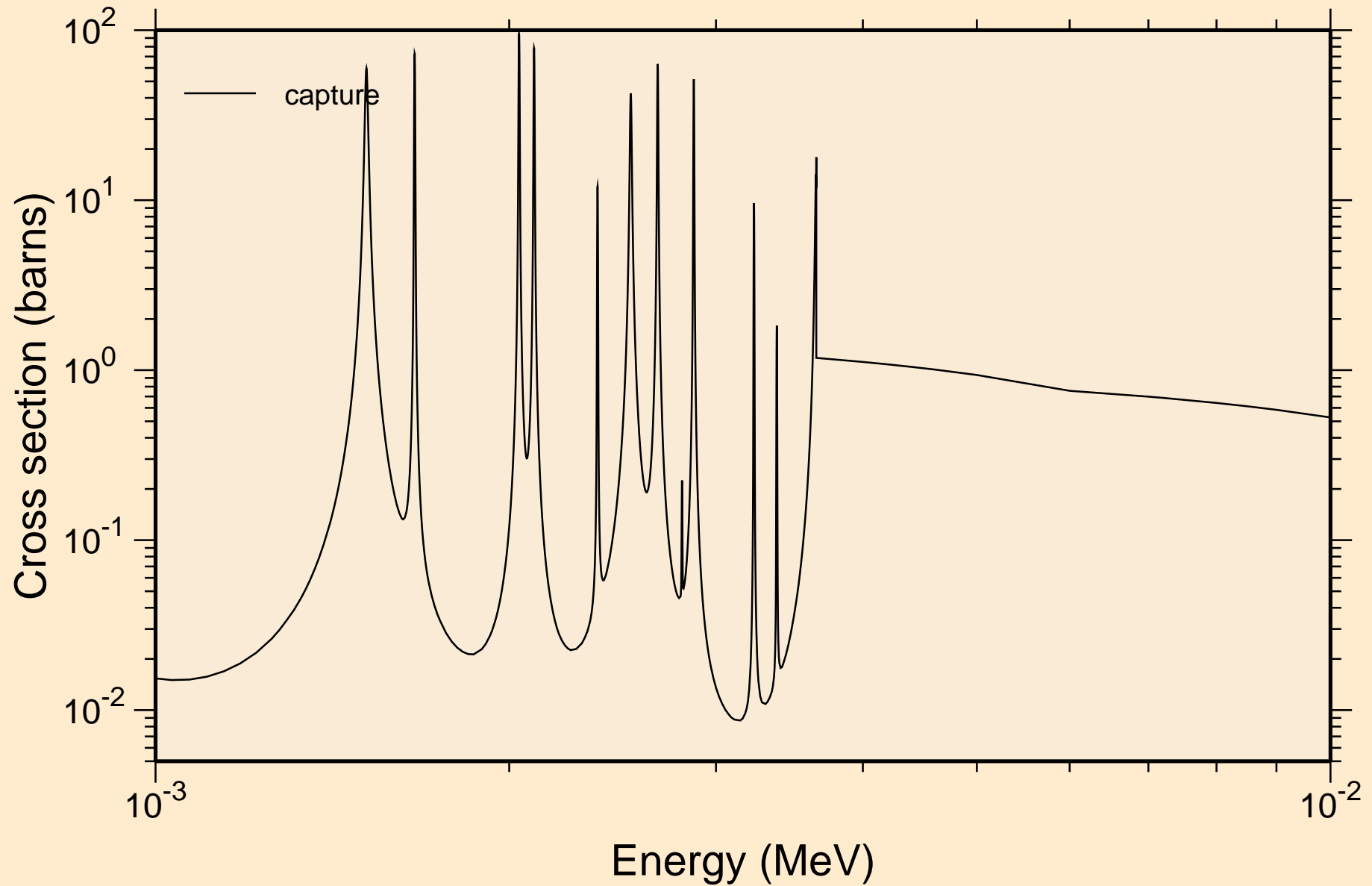
ZN069M NRG TENDL-2015, AKONING  
resonance total cross section



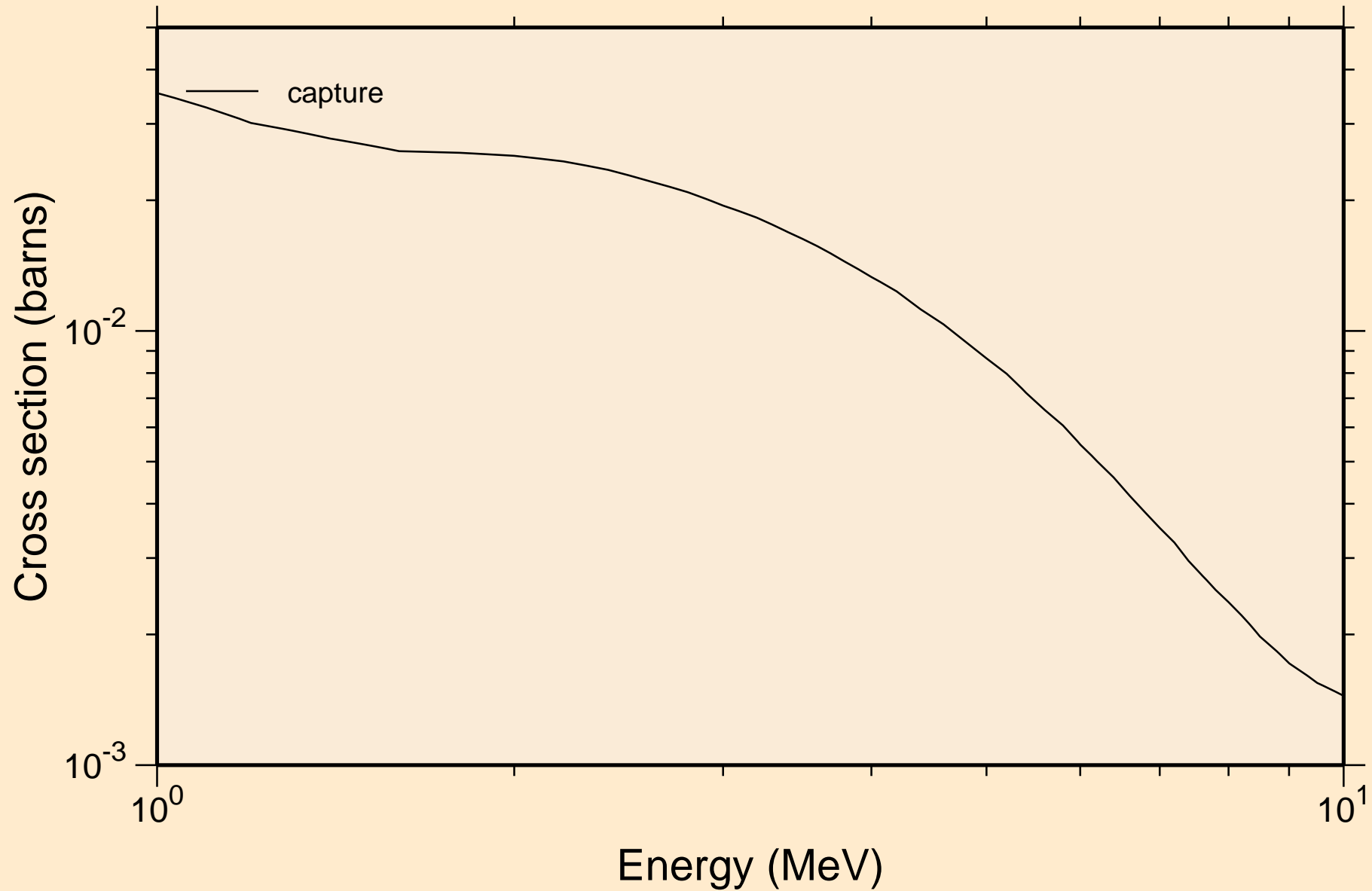
ZN069M NRG TENDL-2015, AKONING  
resonance absorption cross sections



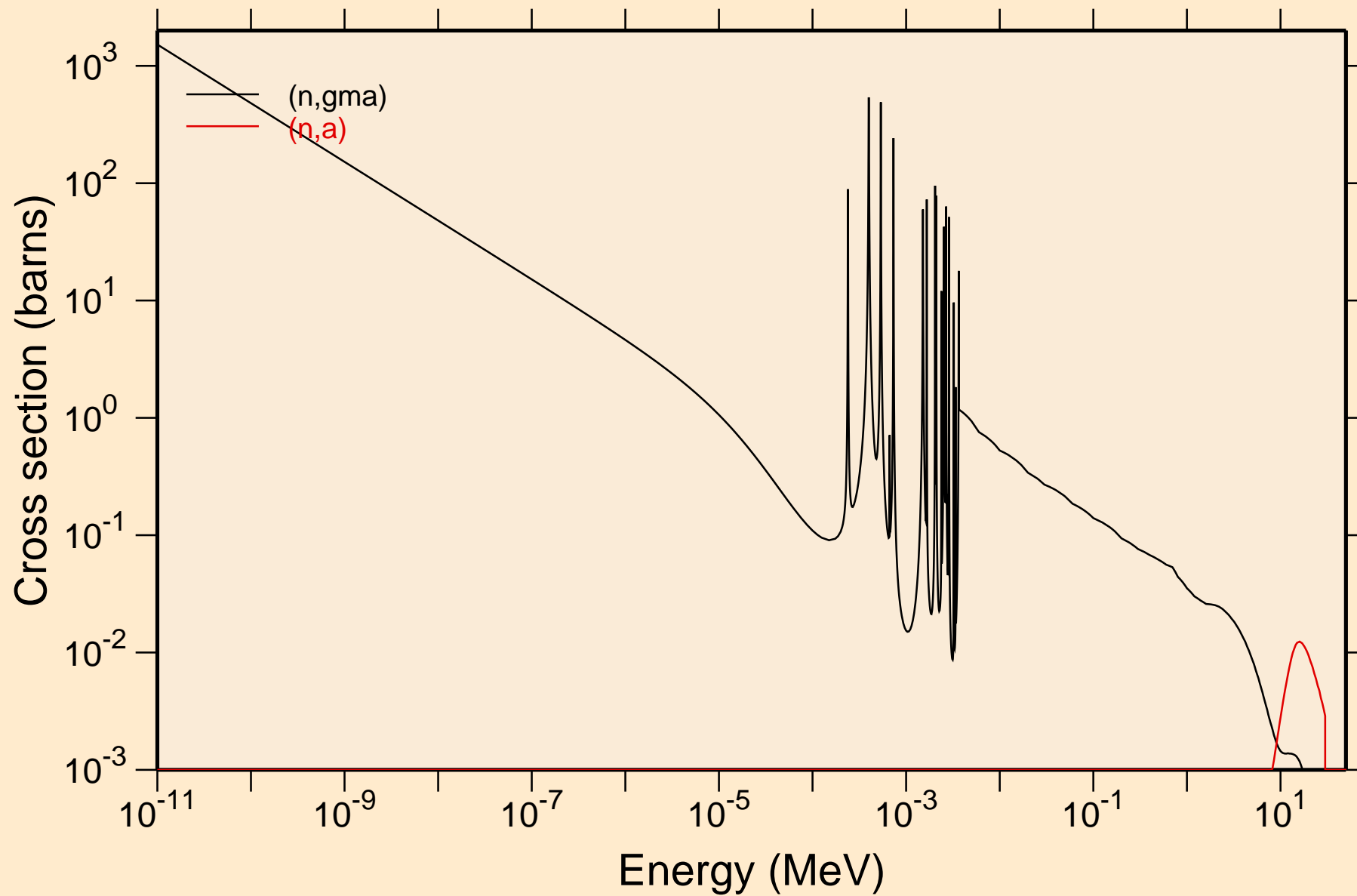
ZN069M NRG TENDL-2015, AKONING  
resonance absorption cross sections



ZN069M NRG TENDL-2015, AKONING  
resonance absorption cross sections



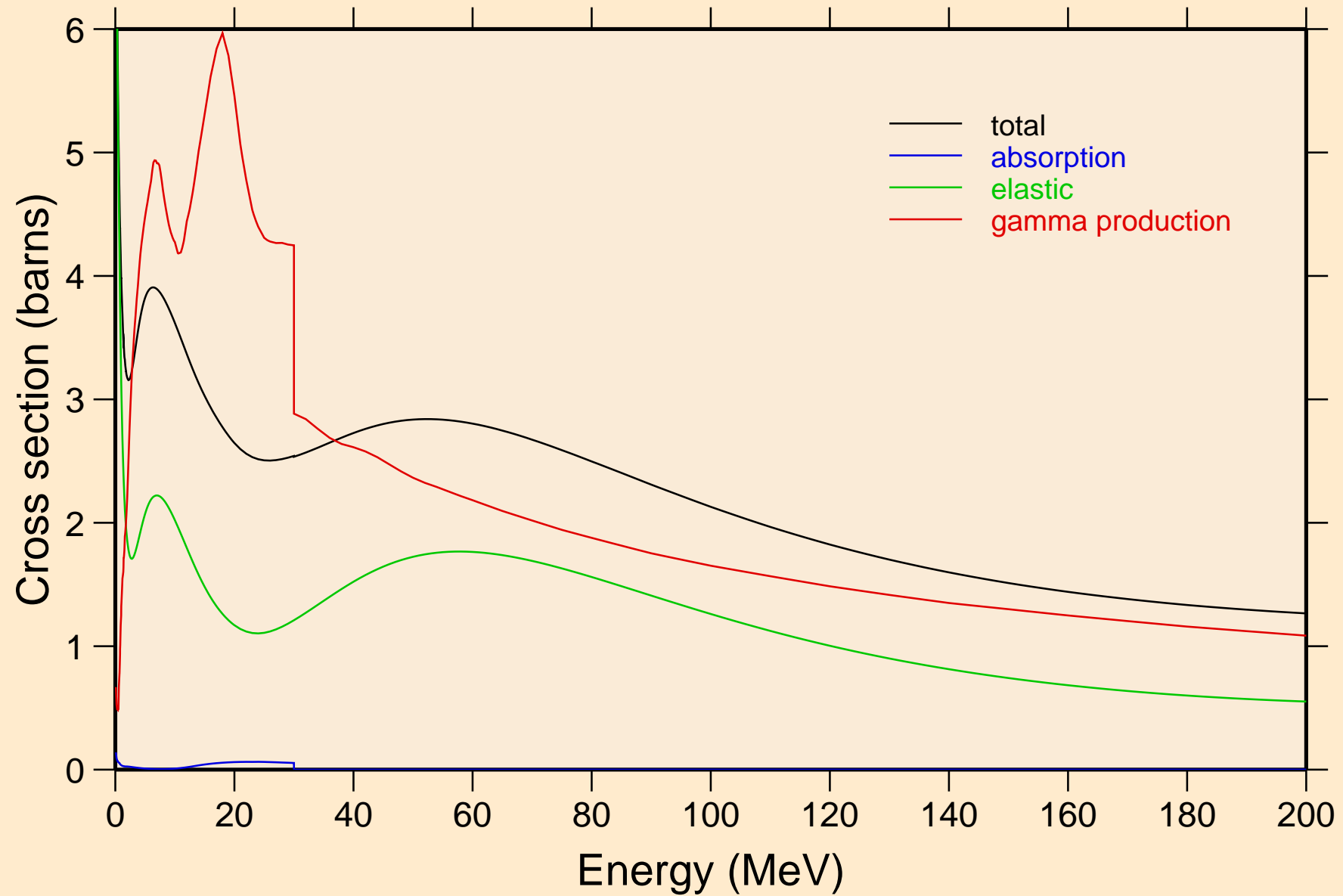
ZN069M NRG TENDL-2015, AKONING  
Non-threshold reactions



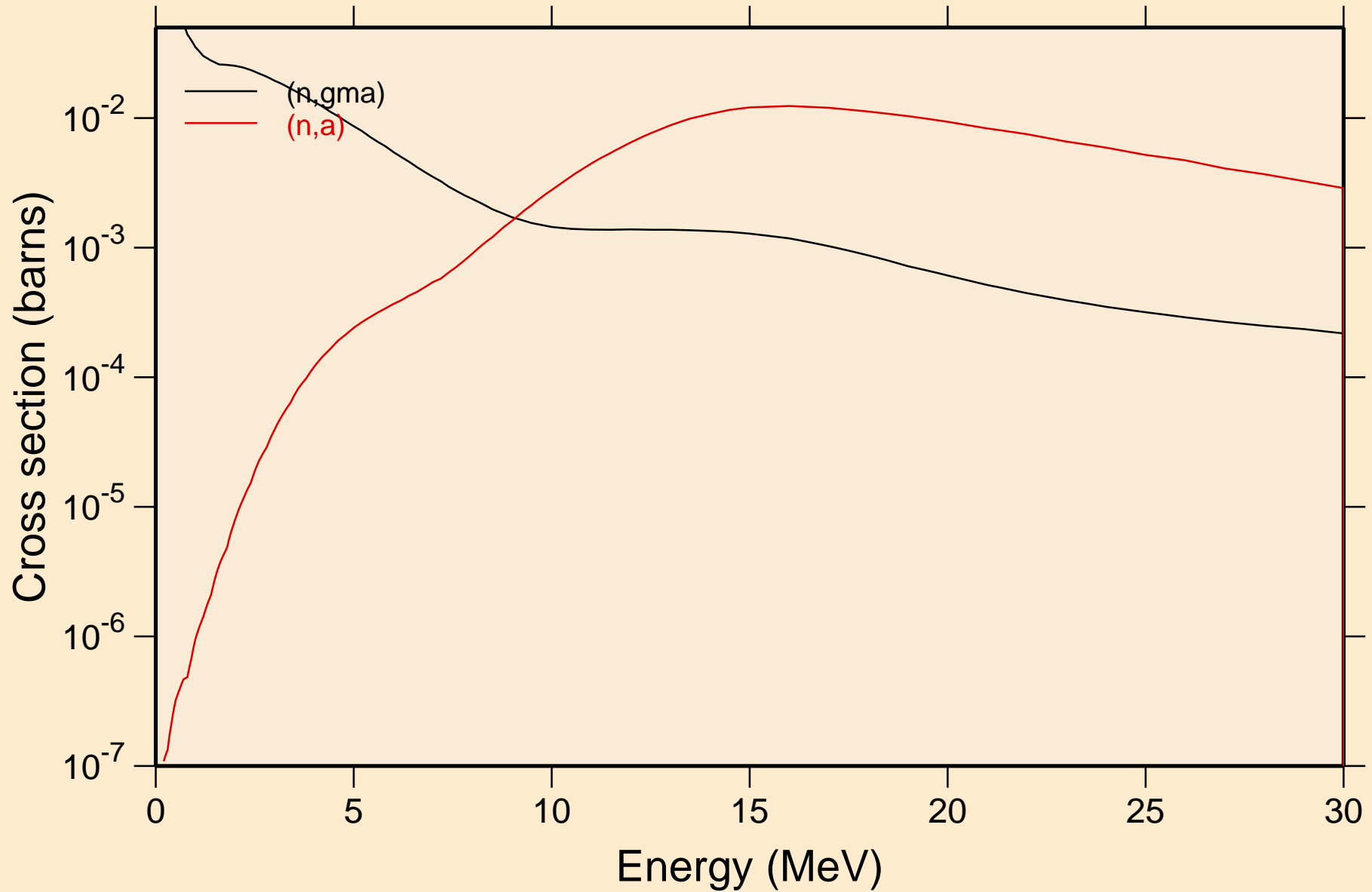


# ZN069M NRG TENDL-2015, AKONING

## Principal cross sections

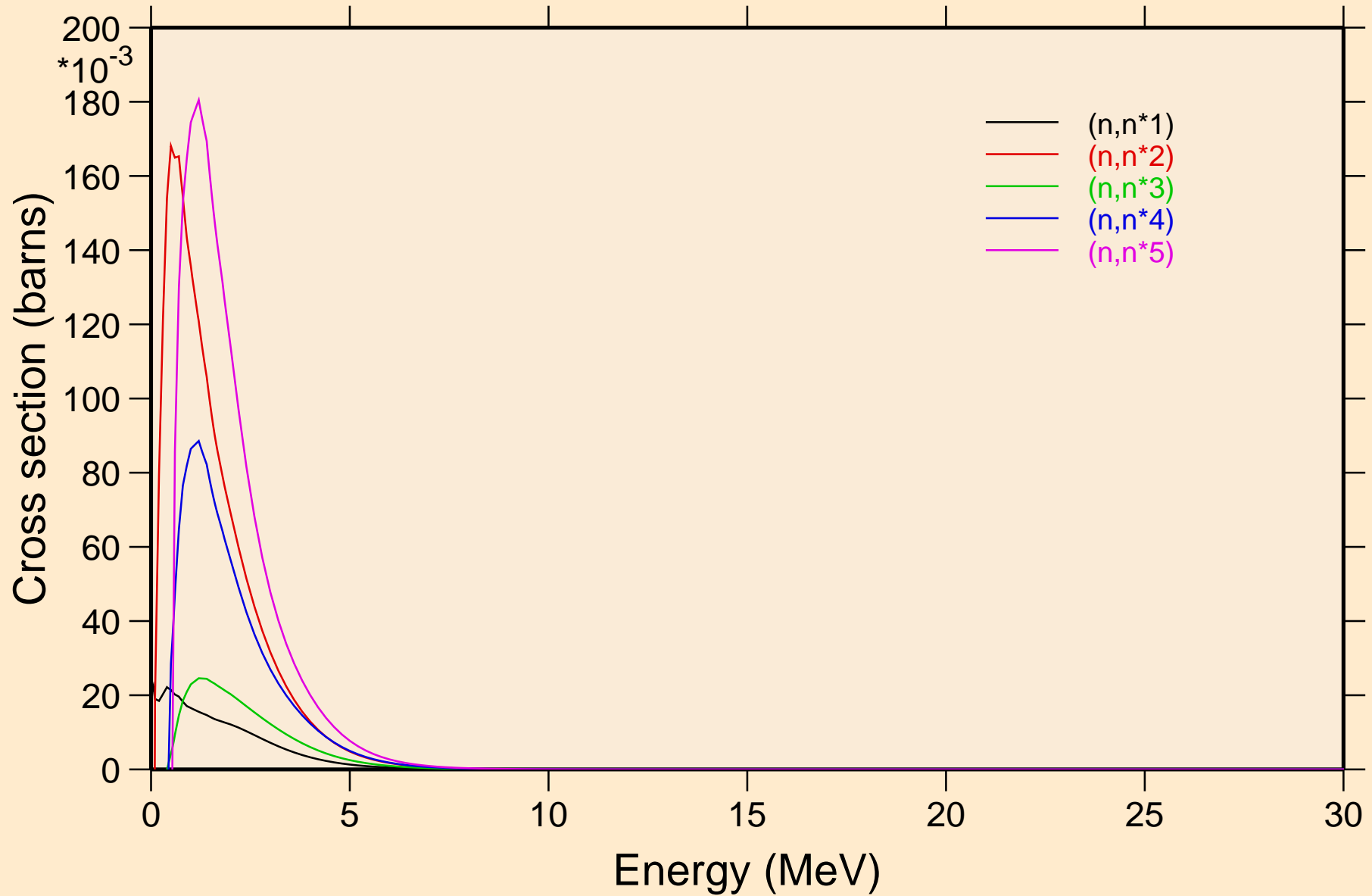


ZN069M NRG TENDL-2015, AKONING  
Non-threshold reactions



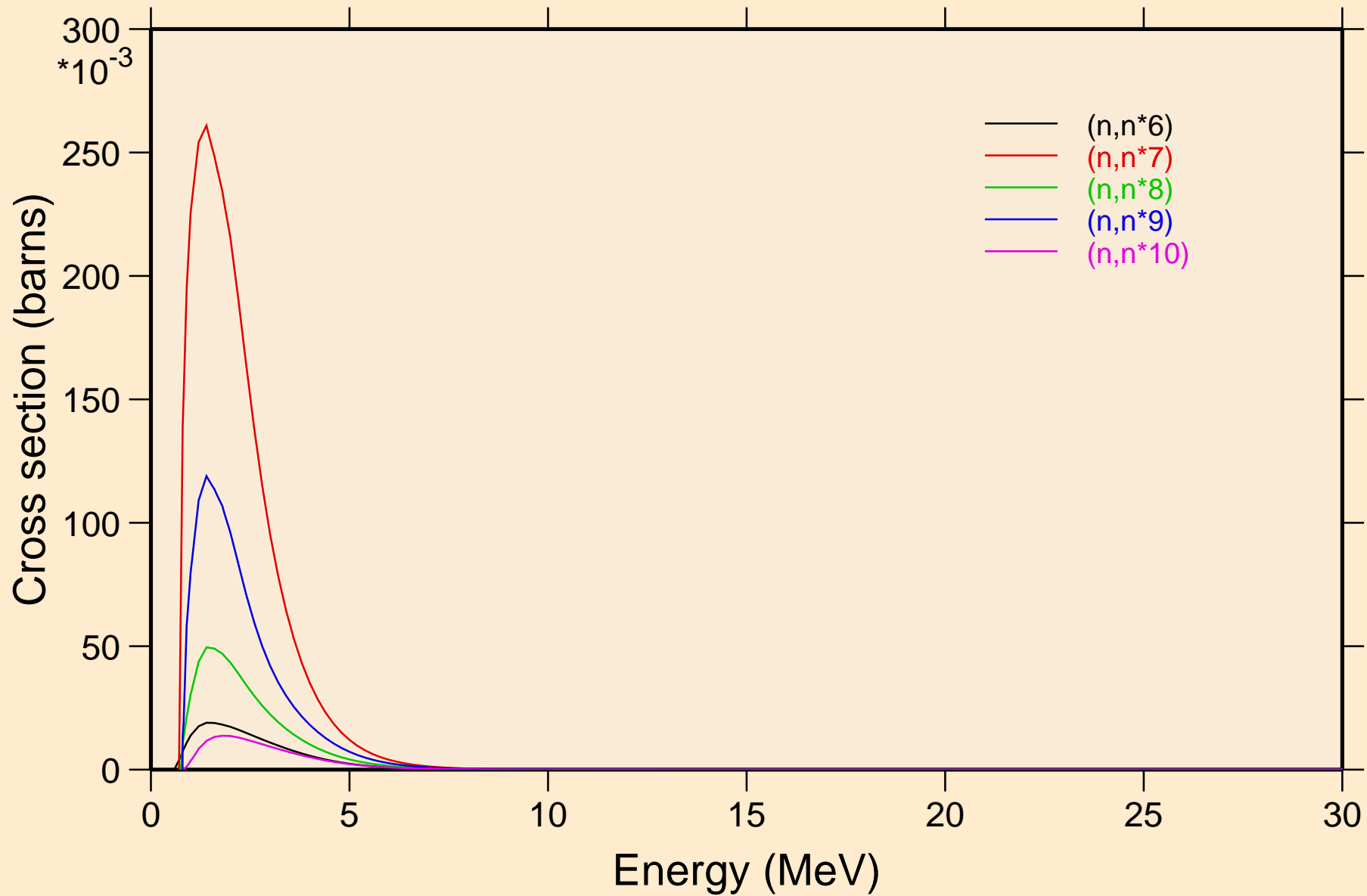
# ZN069M NRG TENDL-2015, AKONING

## Inelastic levels



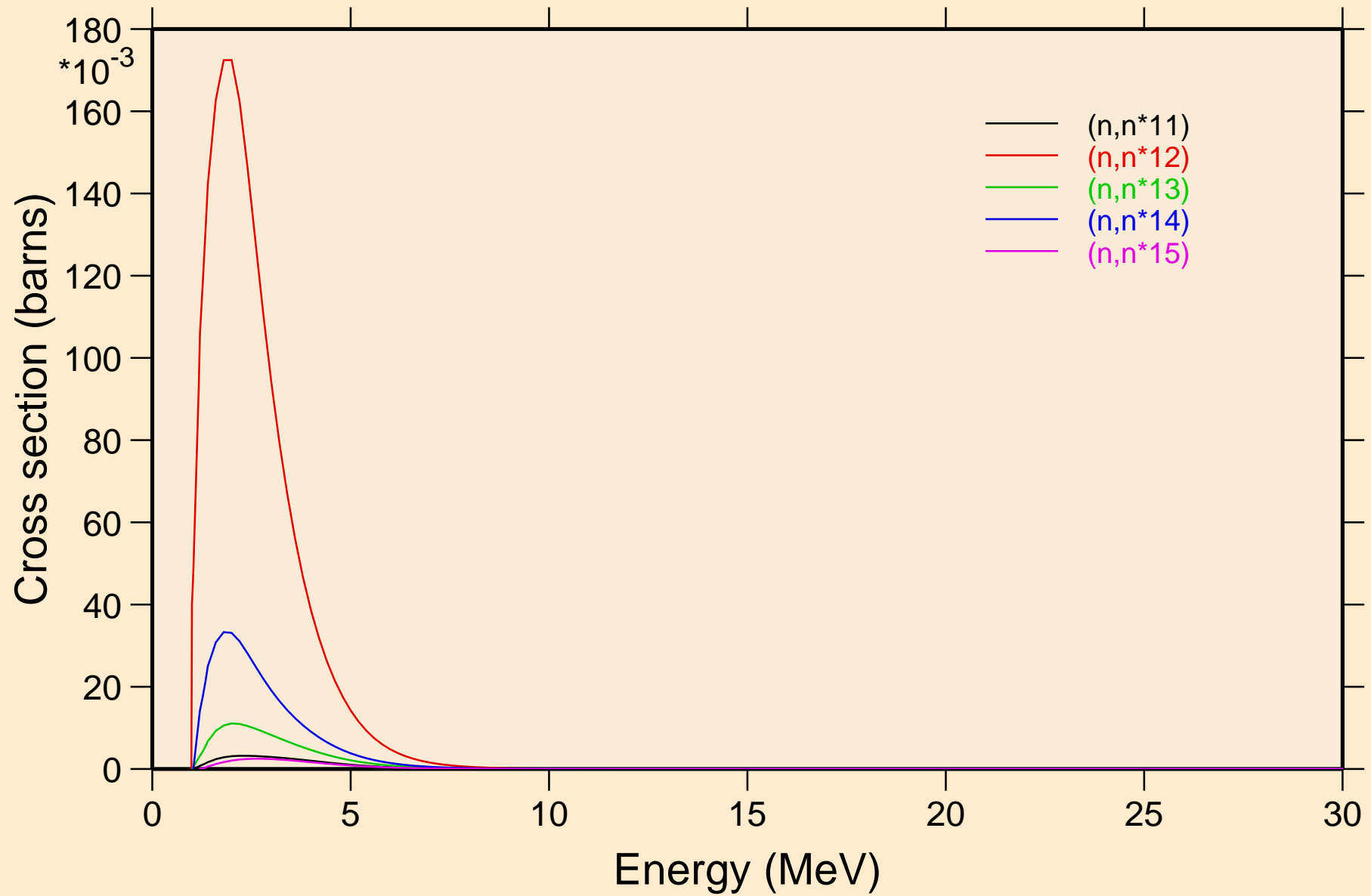
# ZN069M NRG TENDL-2015, AKONING

## Inelastic levels



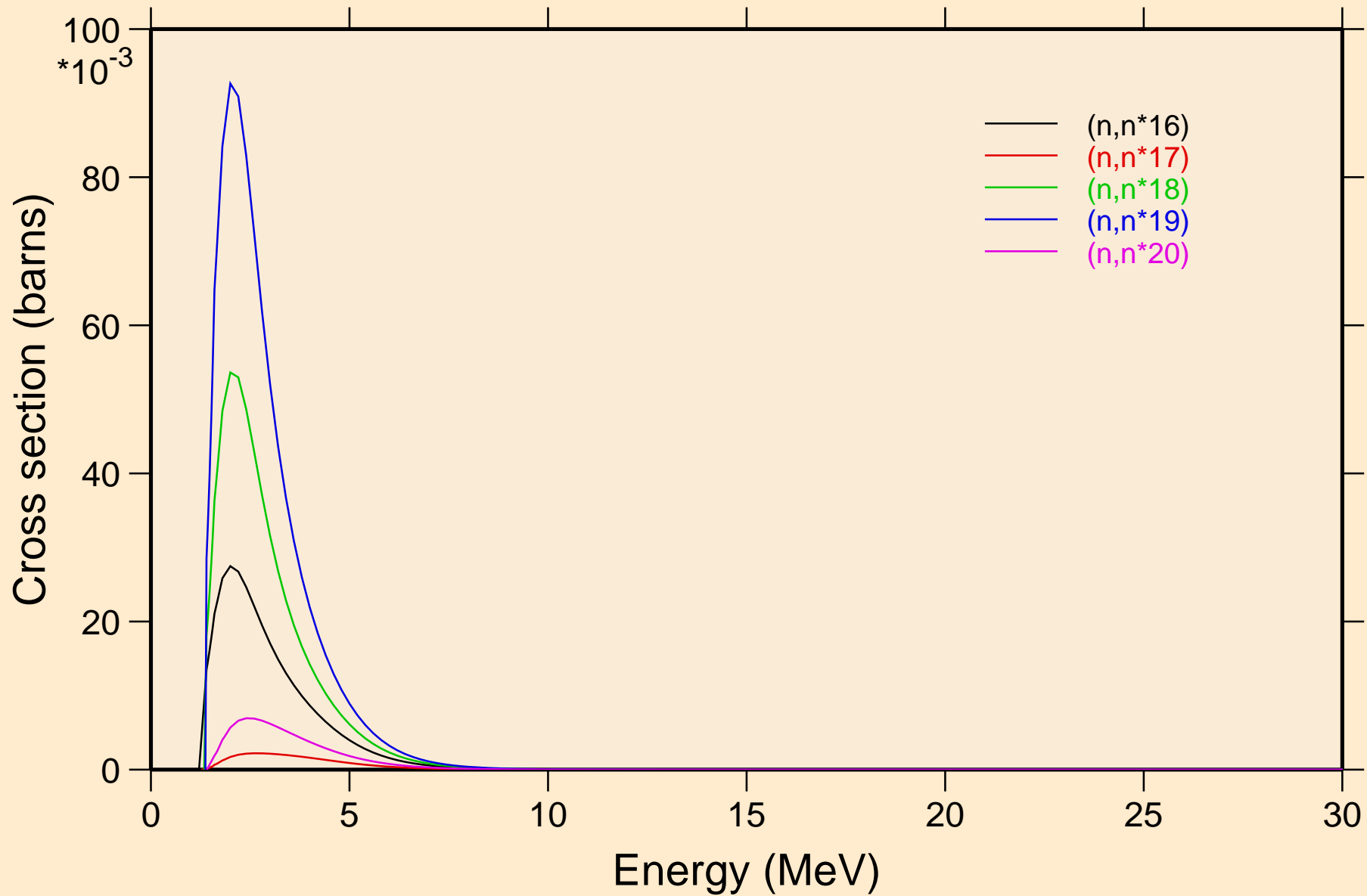
# ZN069M NRG TENDL-2015, AKONING

## Inelastic levels



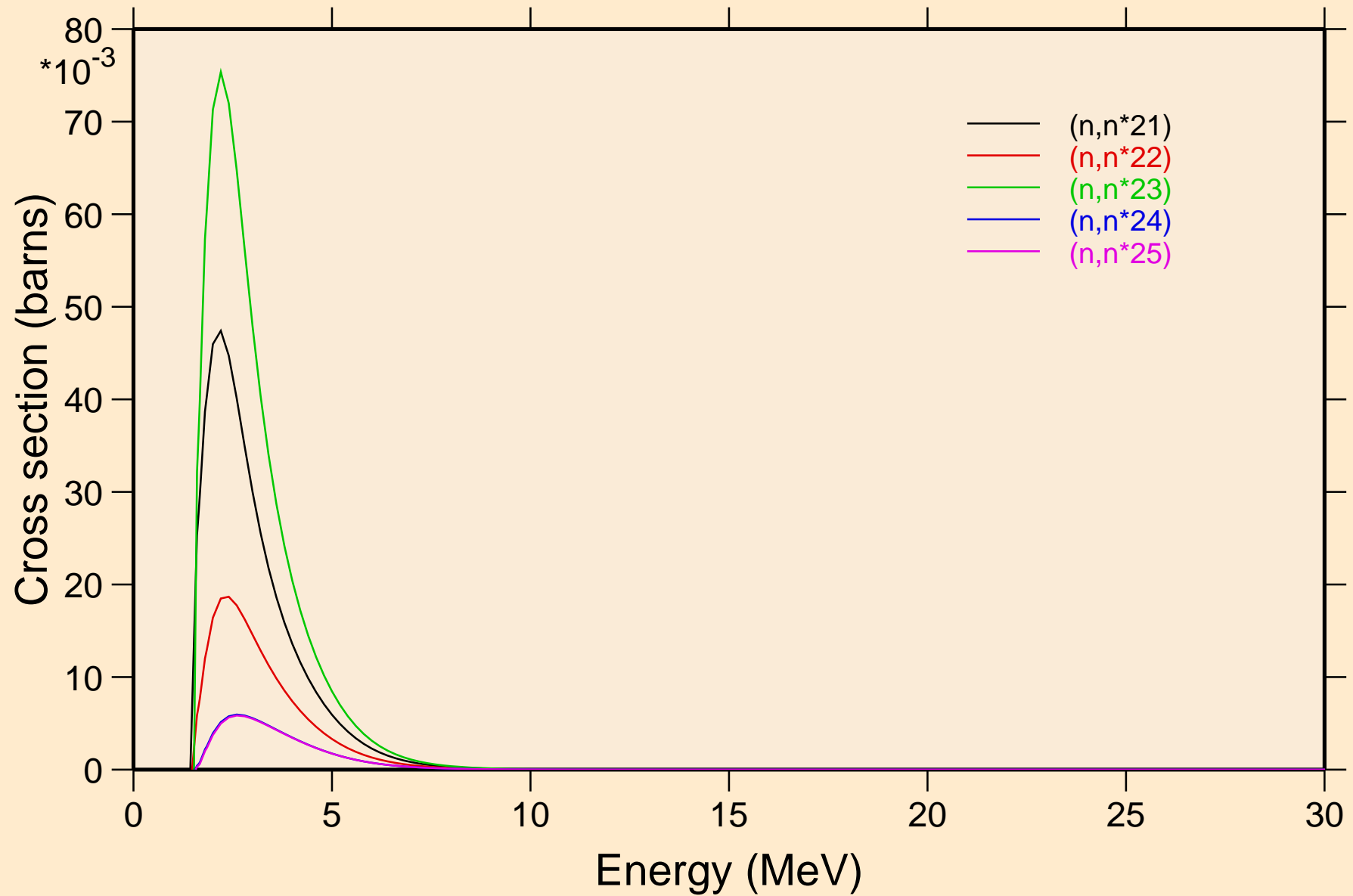
# ZN069M NRG TENDL-2015, AKONING

## Inelastic levels



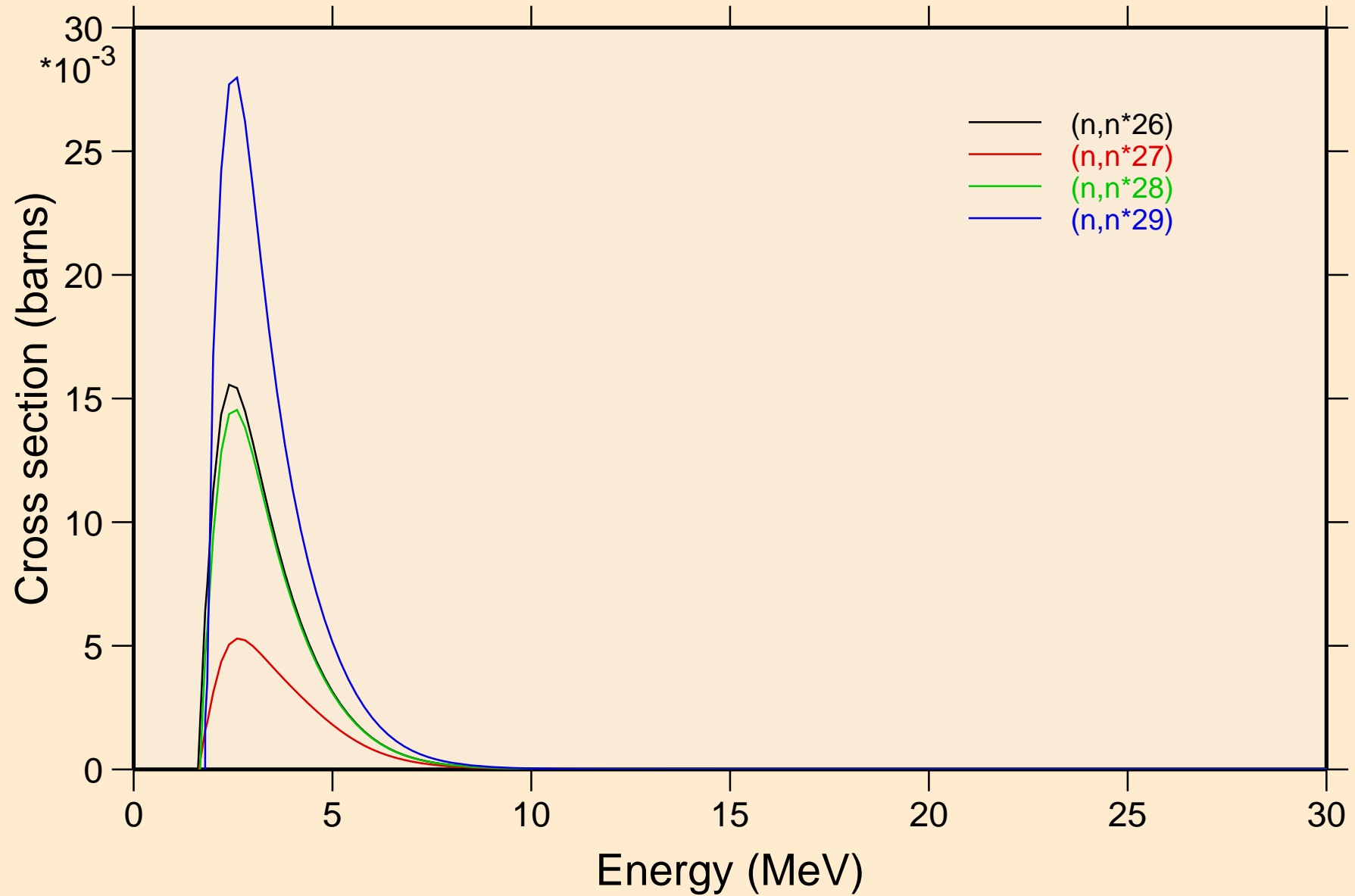
# ZN069M NRG TENDL-2015, AKONING

## Inelastic levels



# ZN069M NRG TENDL-2015, AKONING

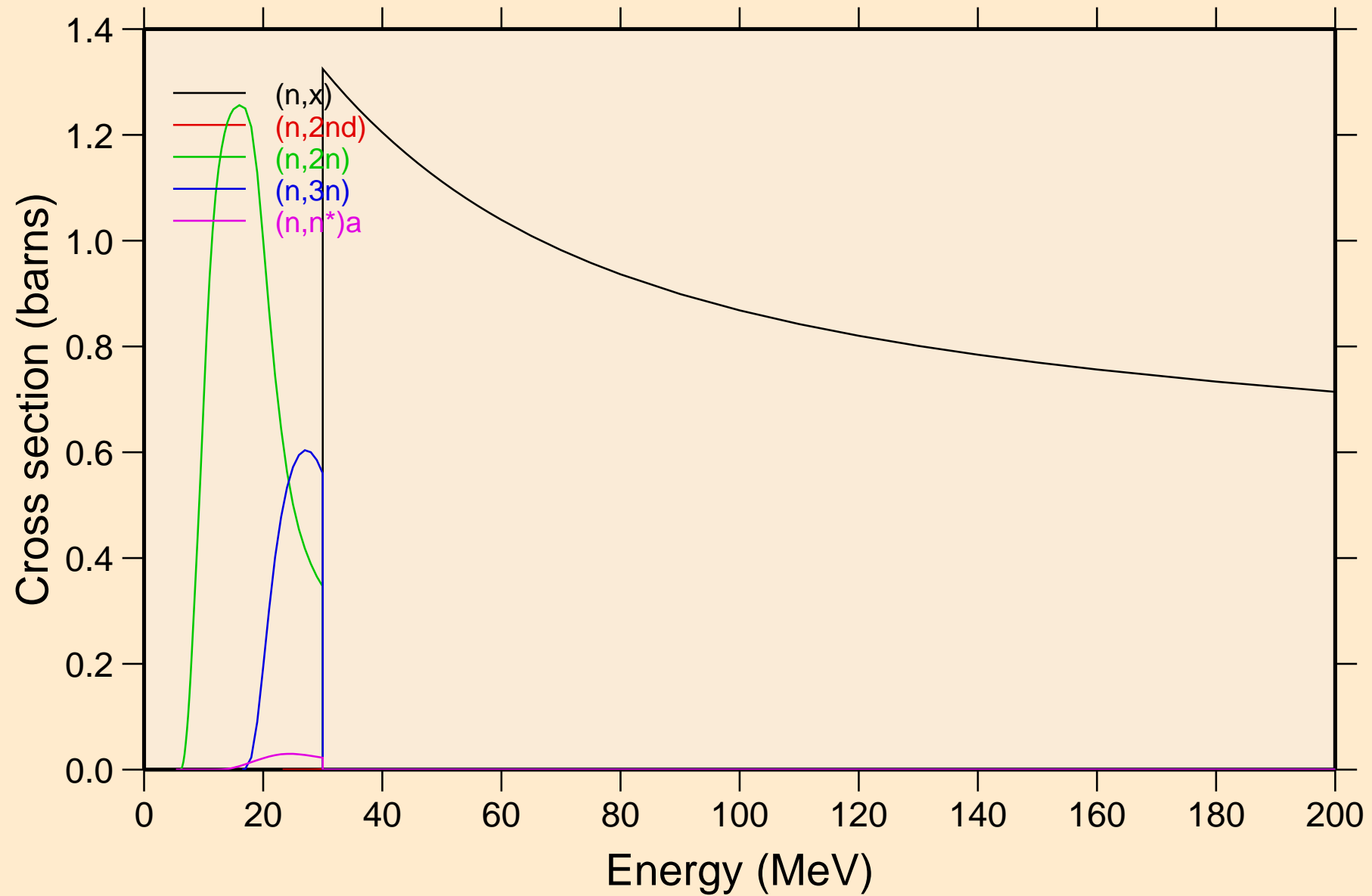
## Inelastic levels





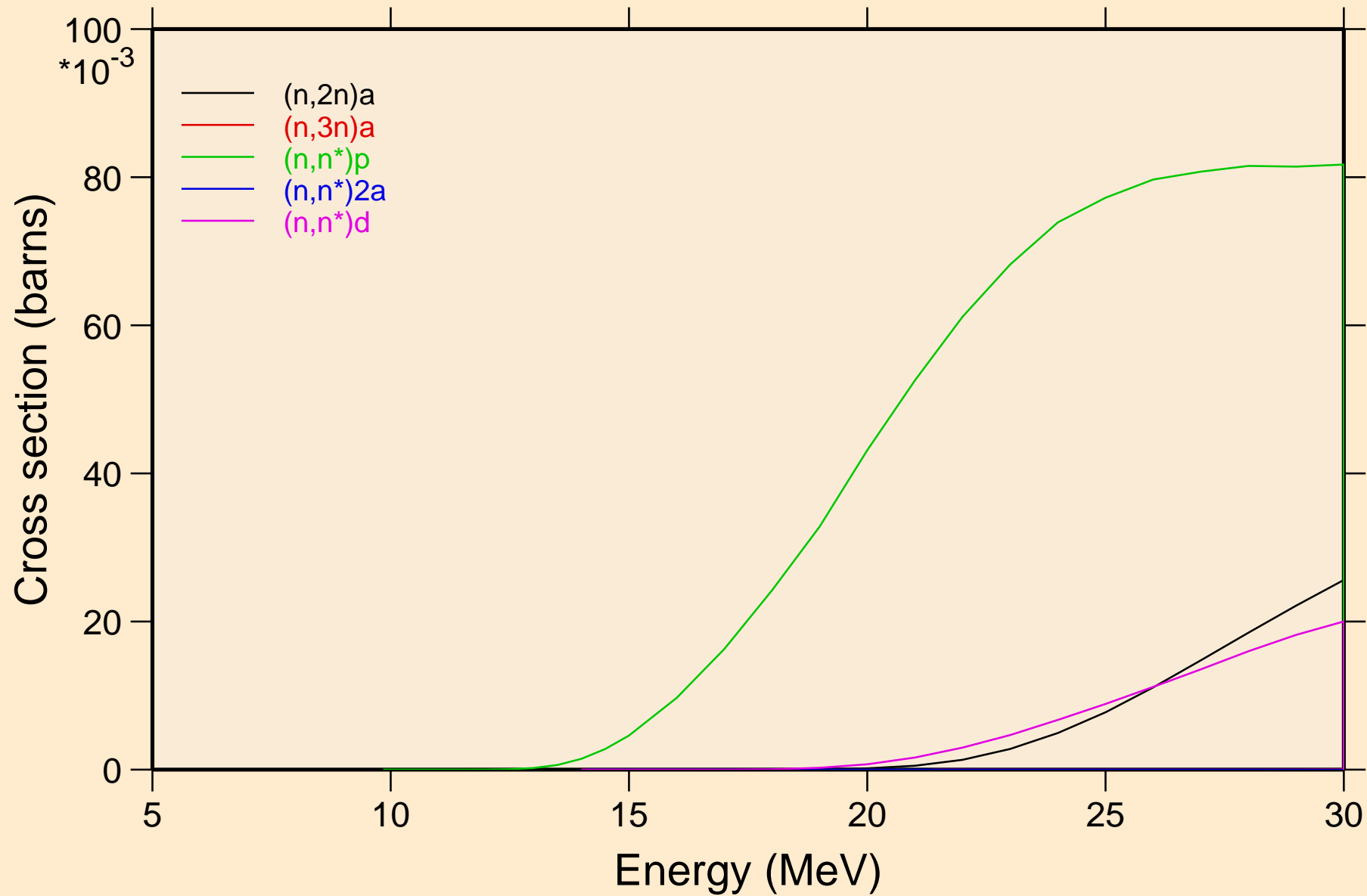
# ZN069M NRG TENDL-2015, AKONING

## Threshold reactions



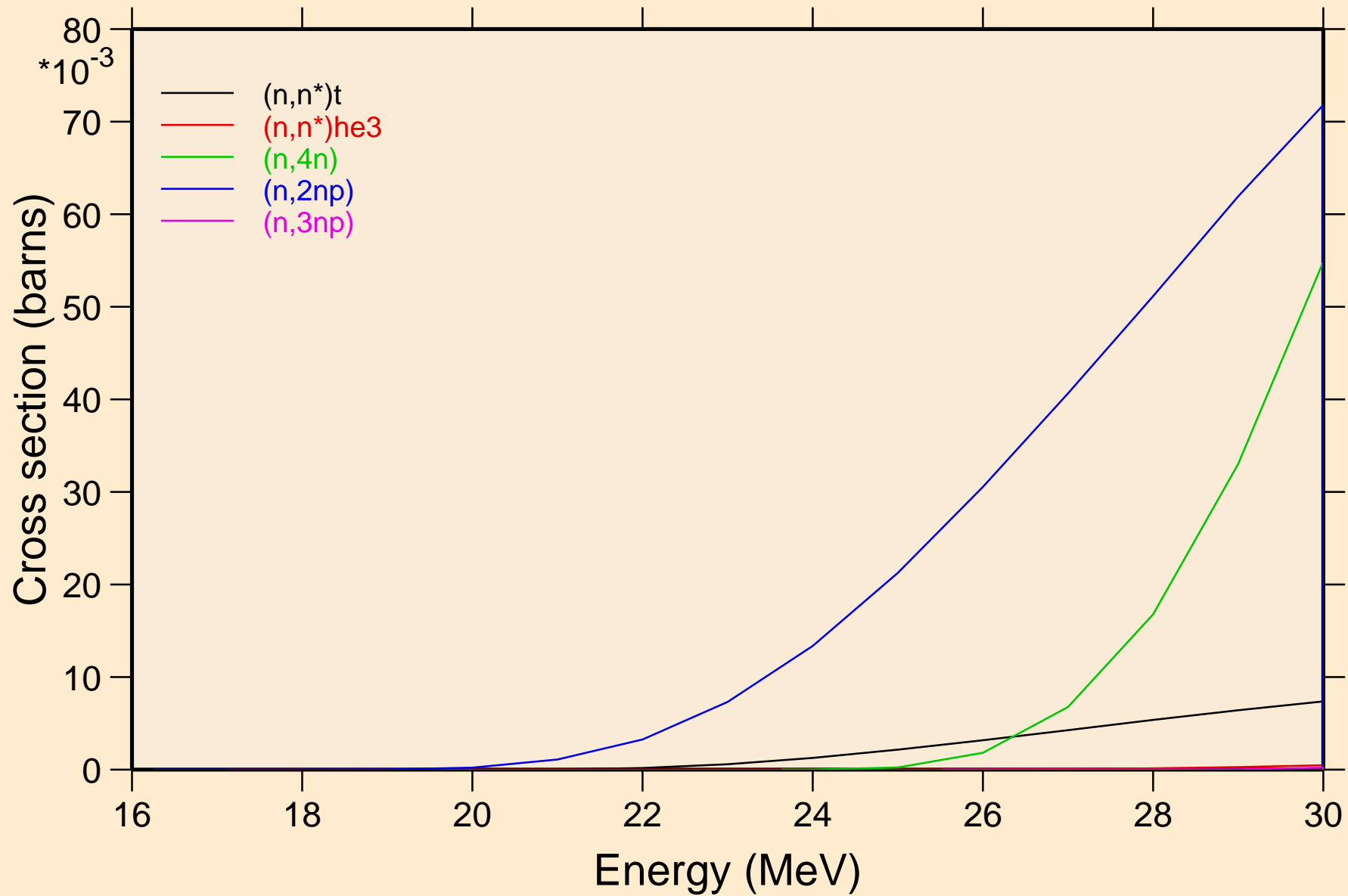
# ZN069M NRG TENDL-2015, AKONING

## Threshold reactions



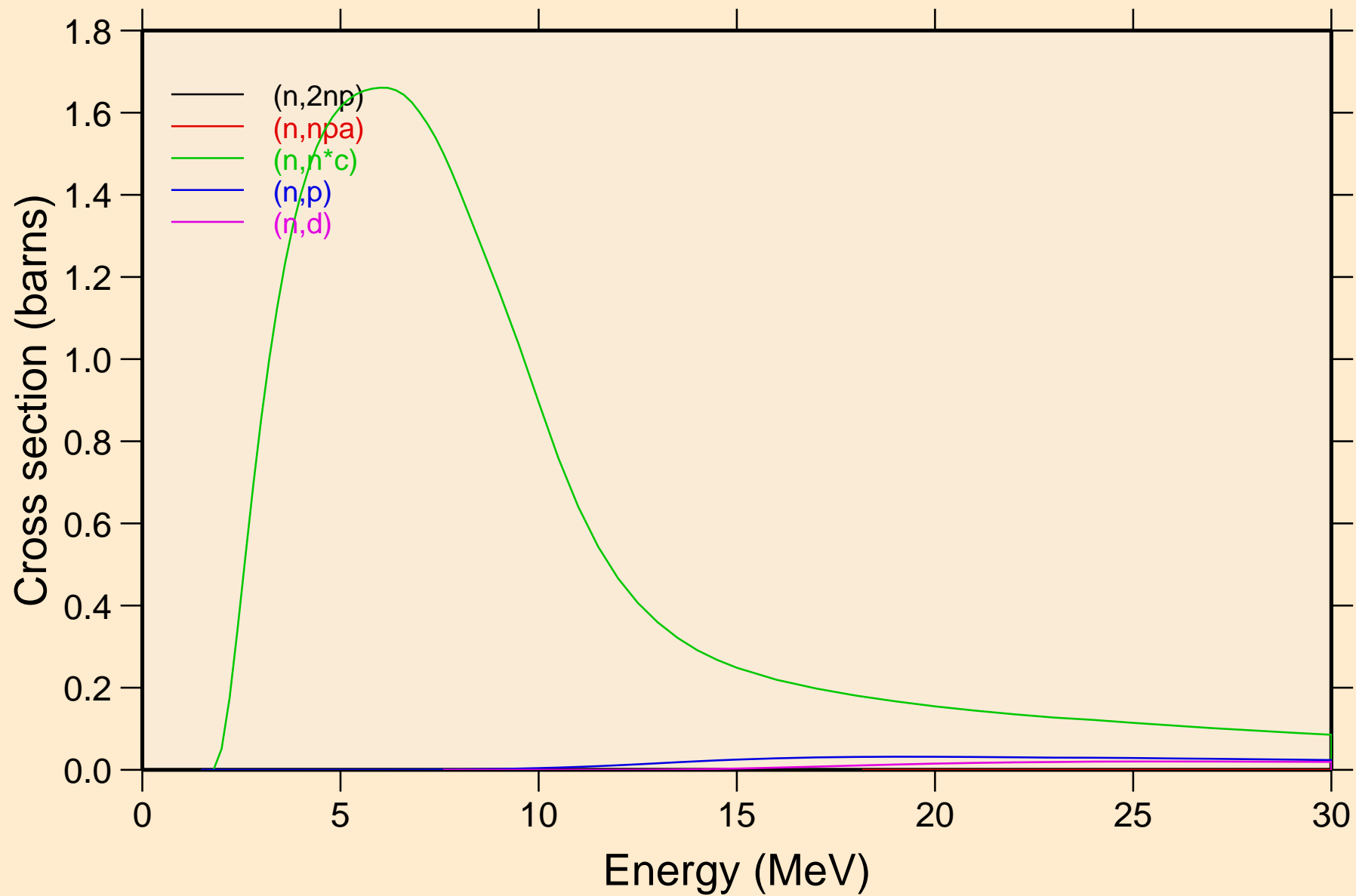
# ZN069M NRG TENDL-2015, AKONING

## Threshold reactions



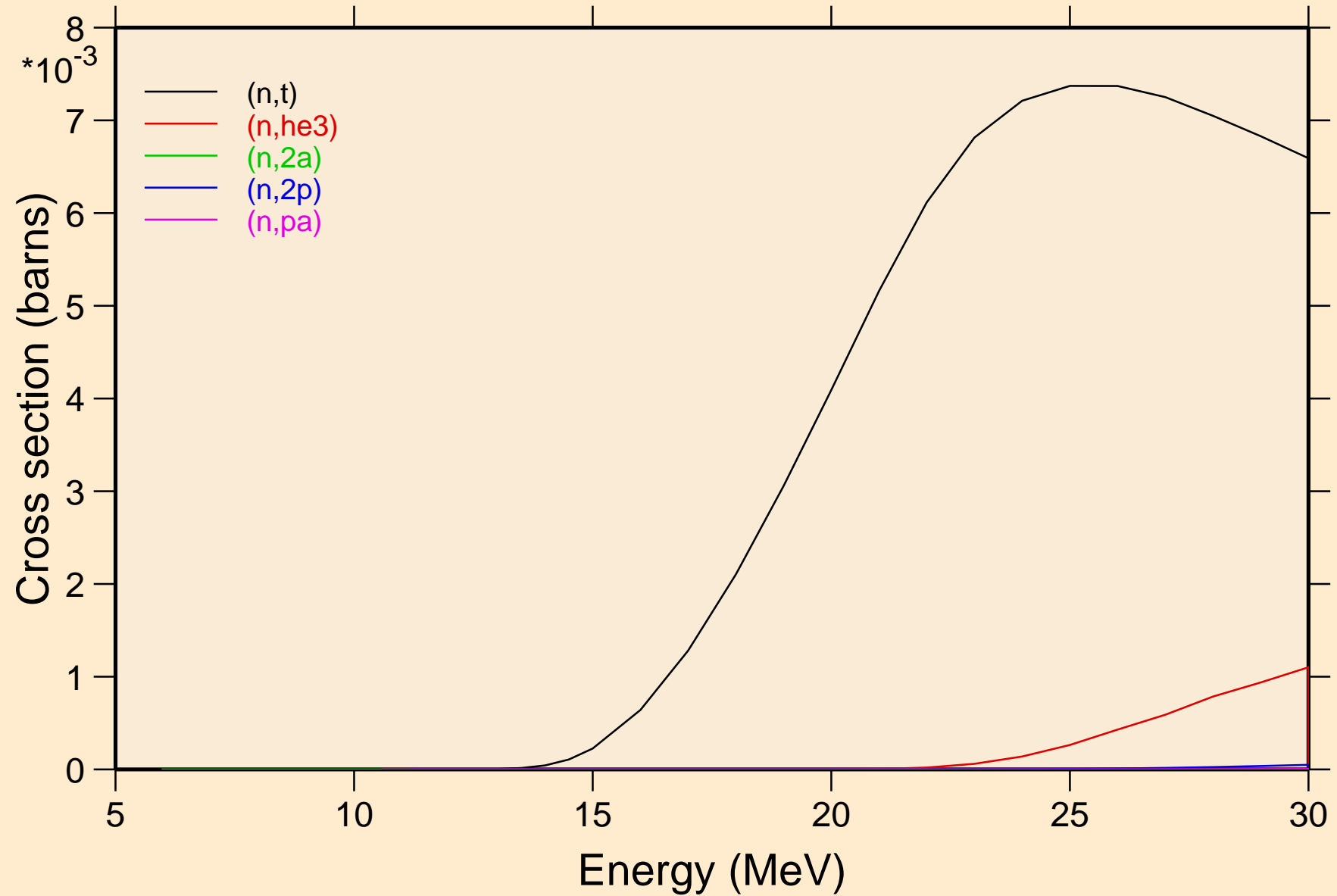
# ZN069M NRG TENDL-2015, AKONING

## Threshold reactions



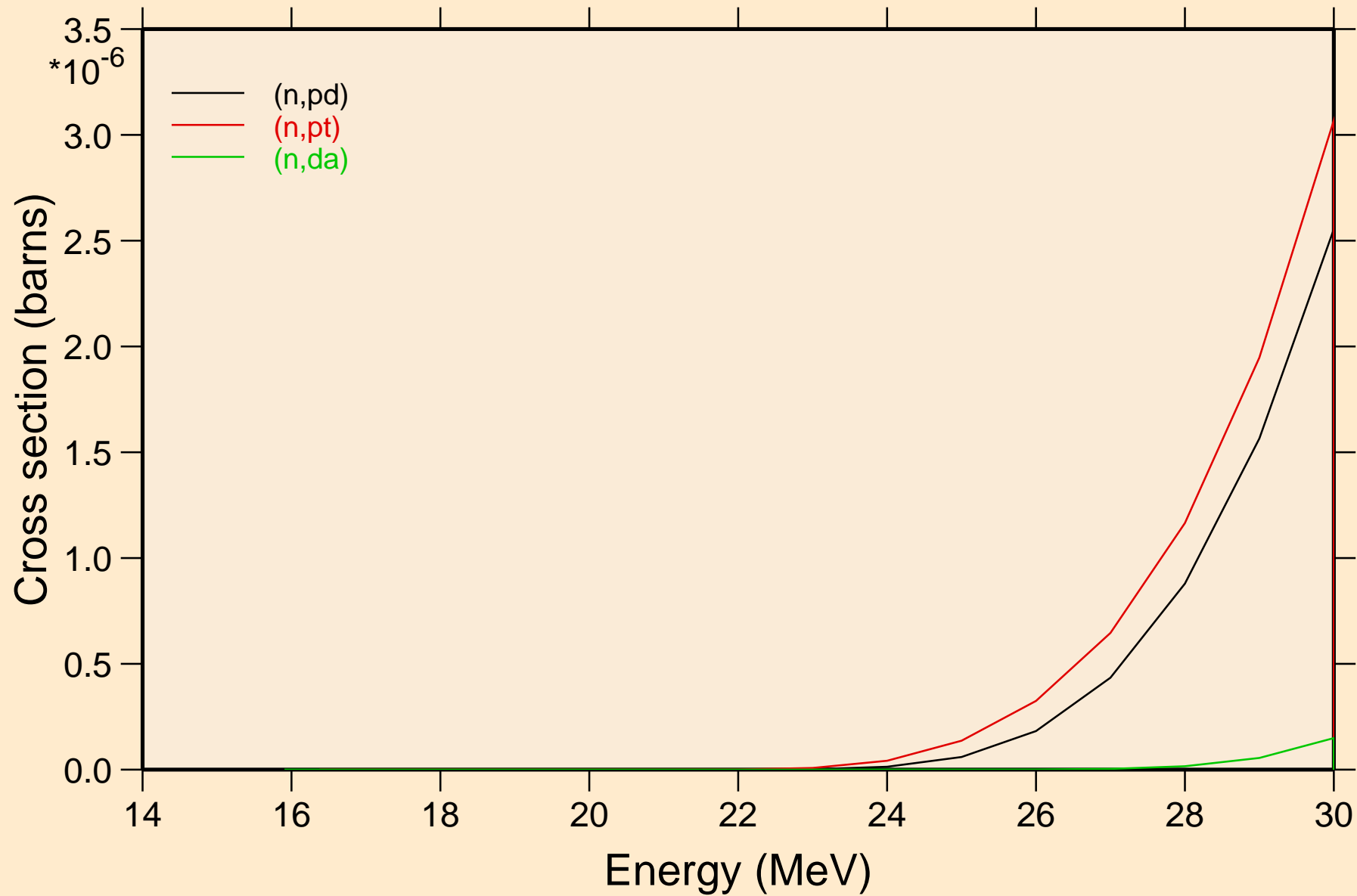
# ZN069M NRG TENDL-2015, AKONING

## Threshold reactions

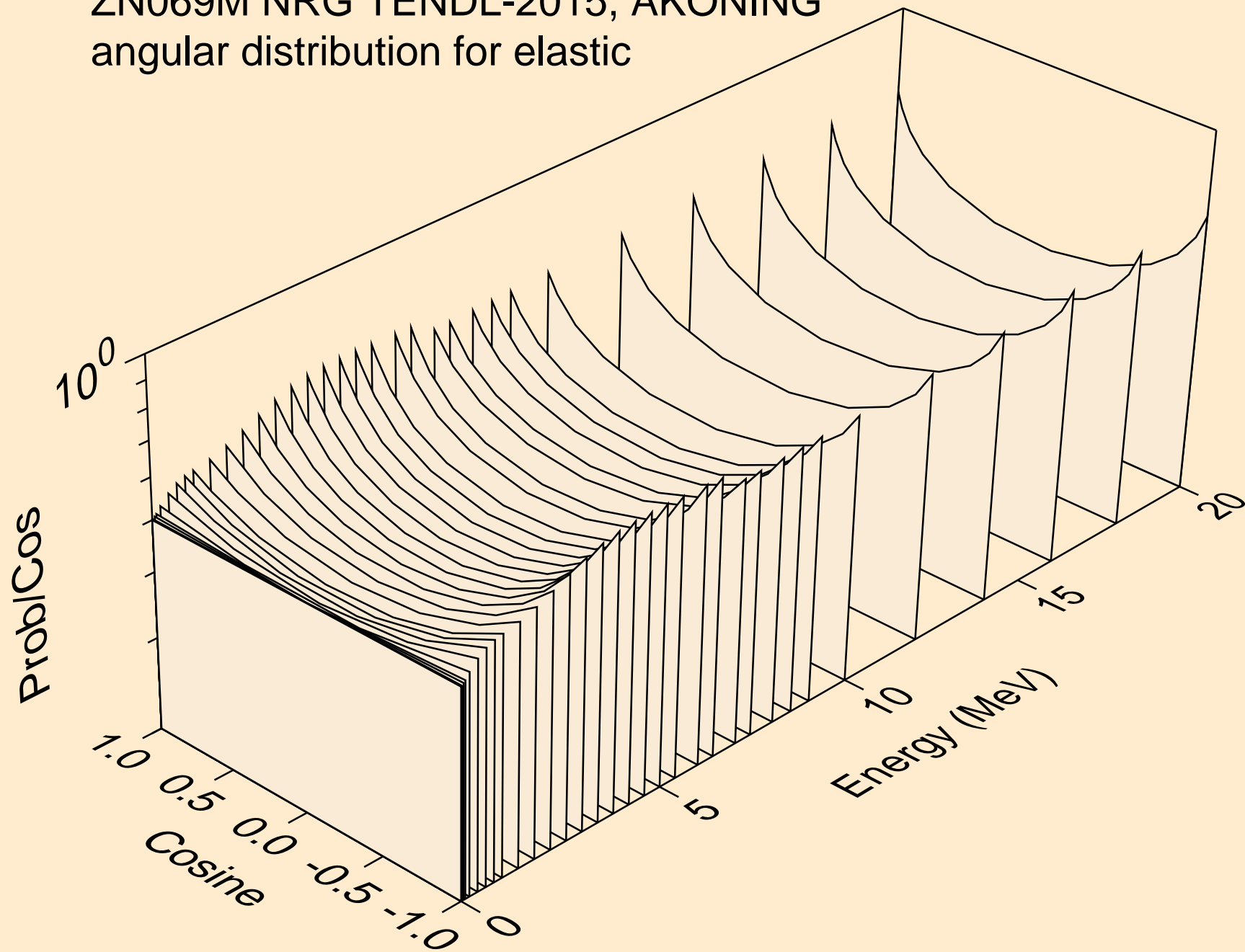


# ZN069M NRG TENDL-2015, AKONING

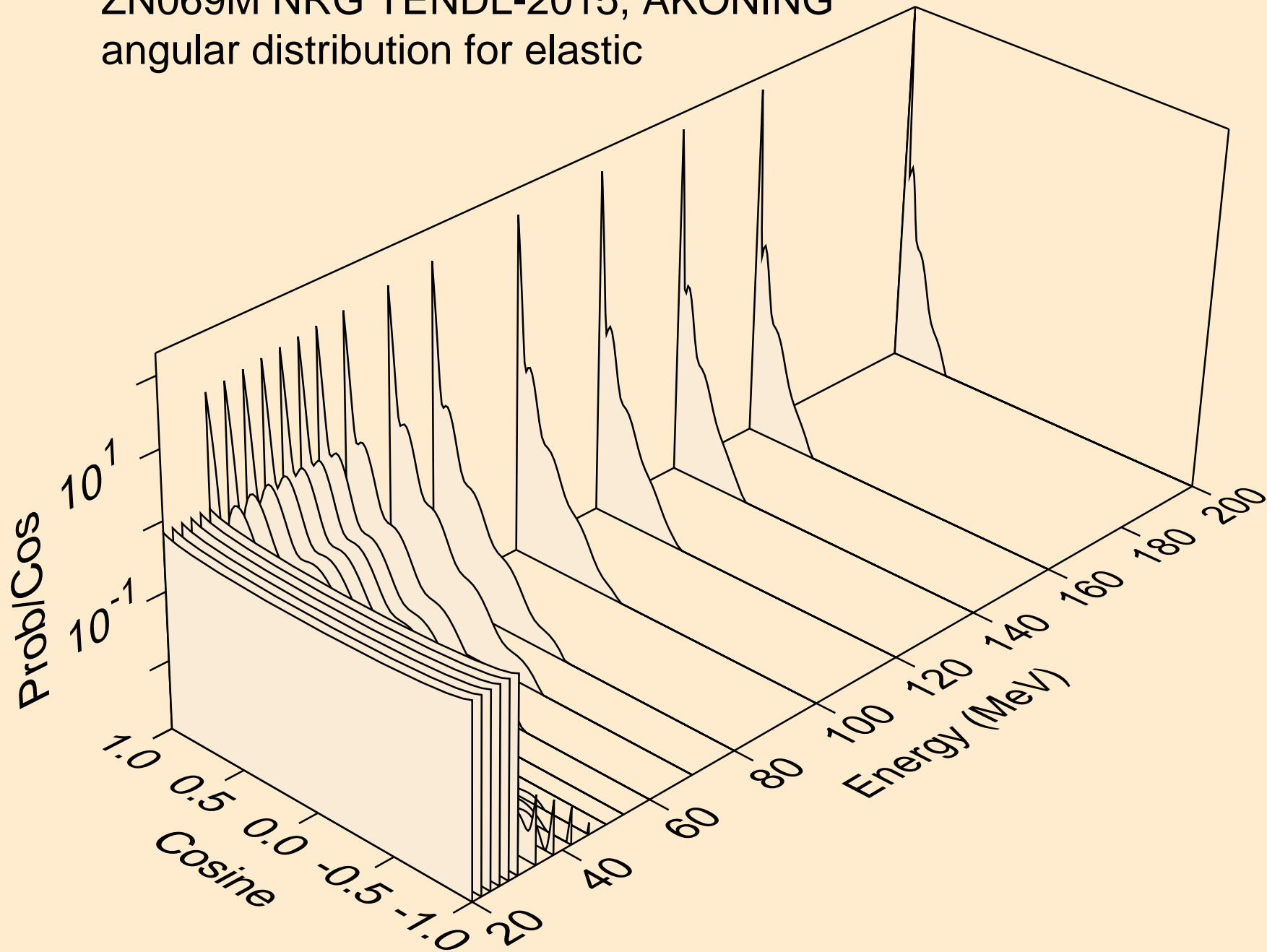
## Threshold reactions



ZN069M NRG TENDL-2015, AKONING  
angular distribution for elastic

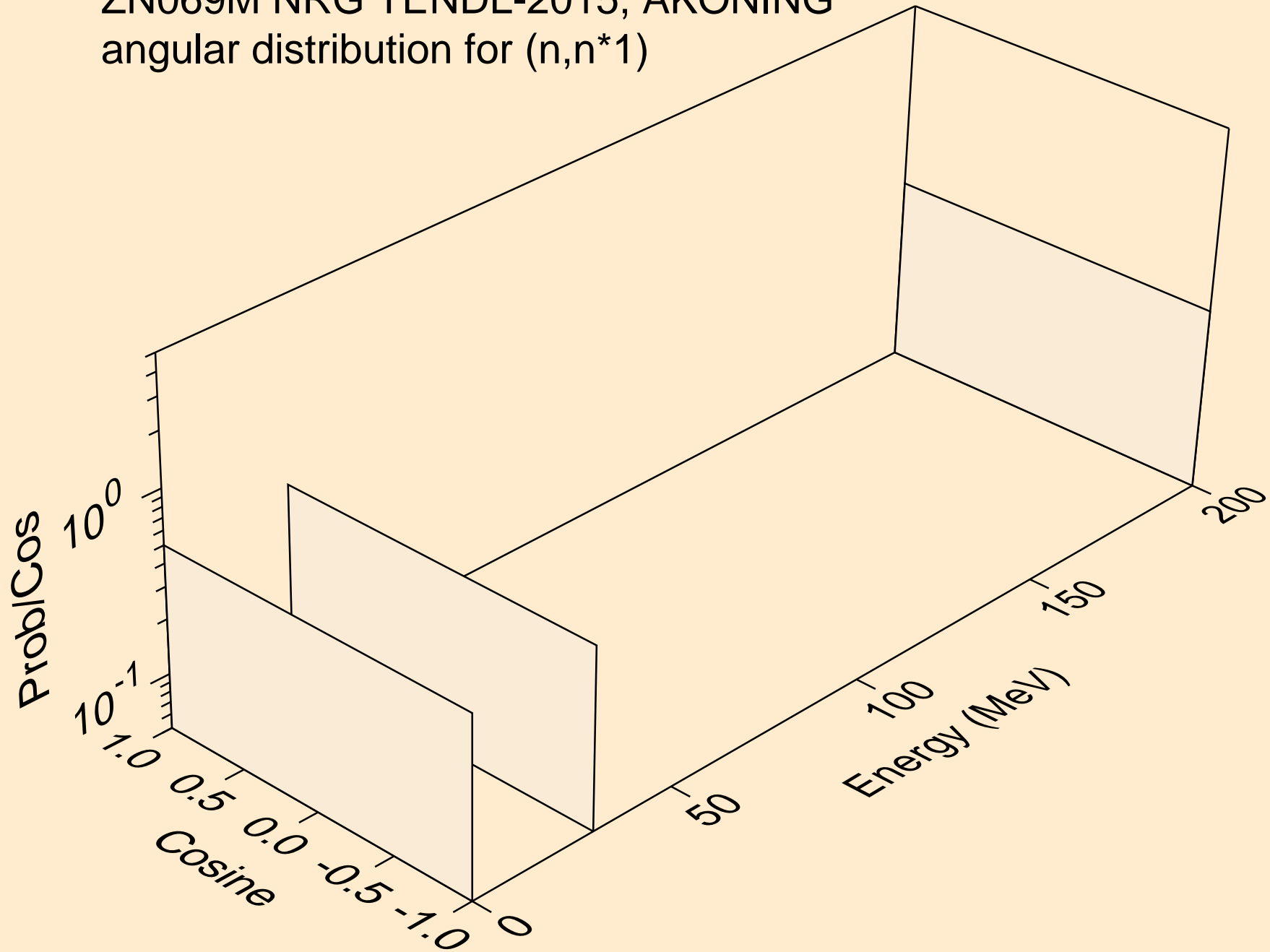


ZN069M NRG TENDL-2015, AKONING  
angular distribution for elastic

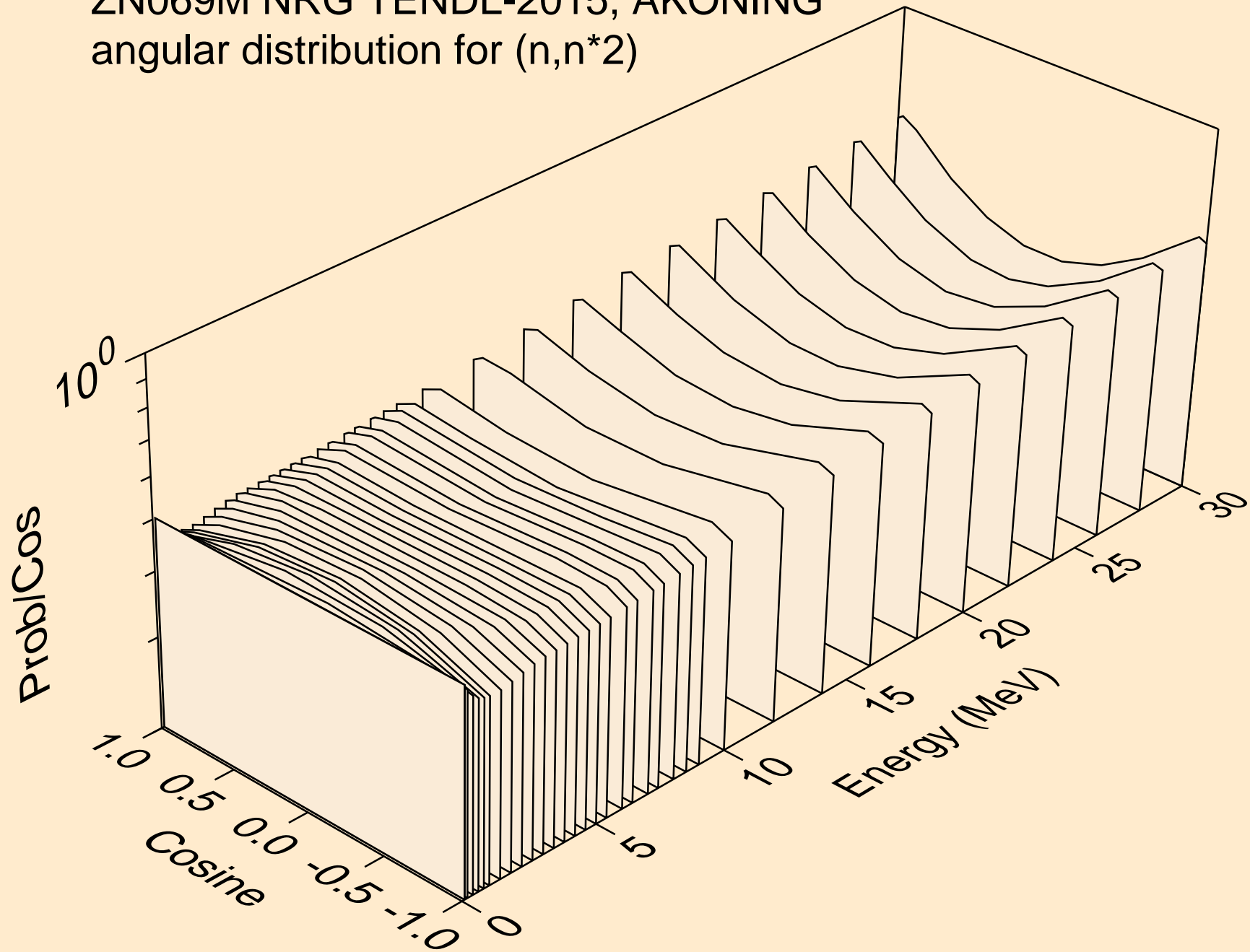




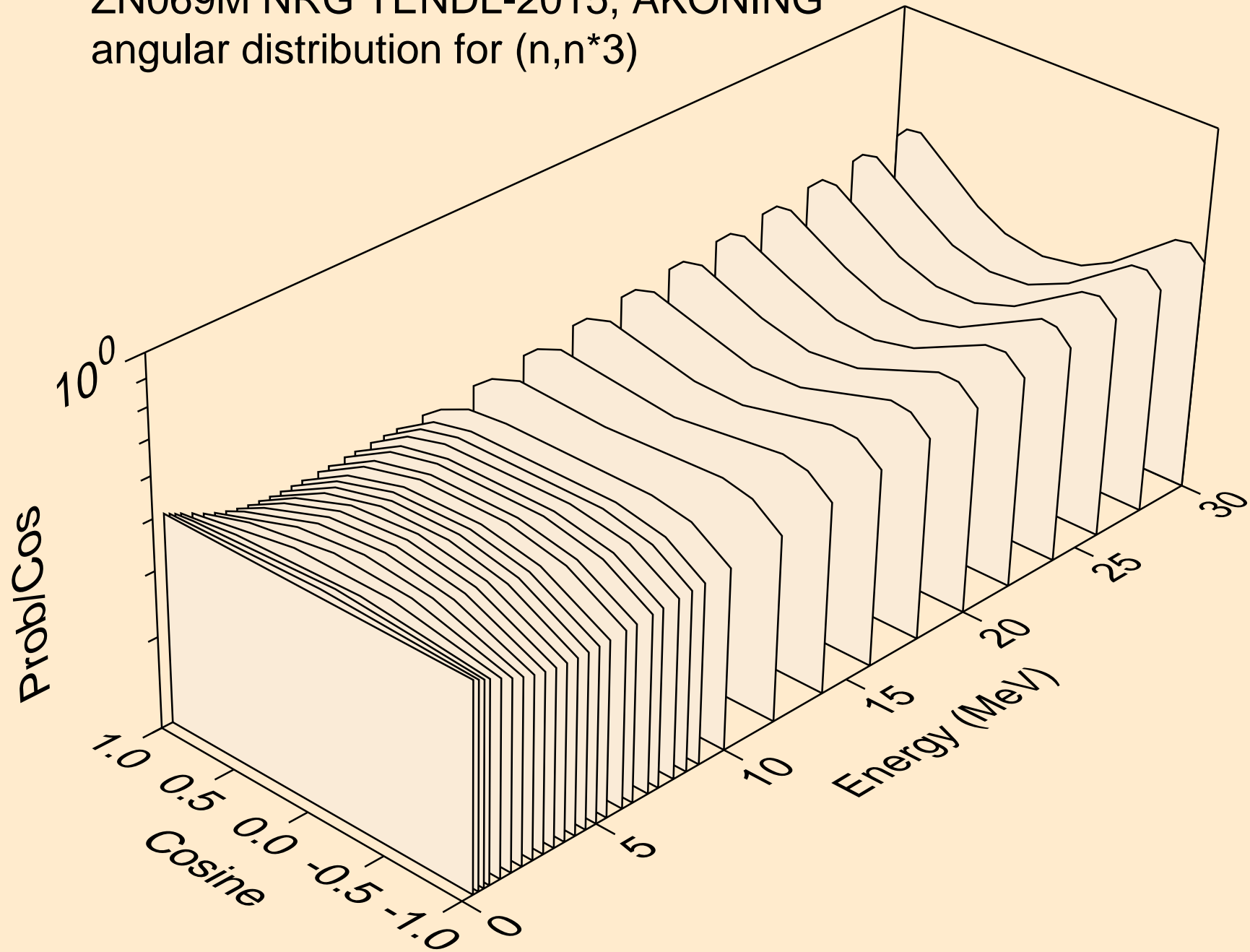
ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



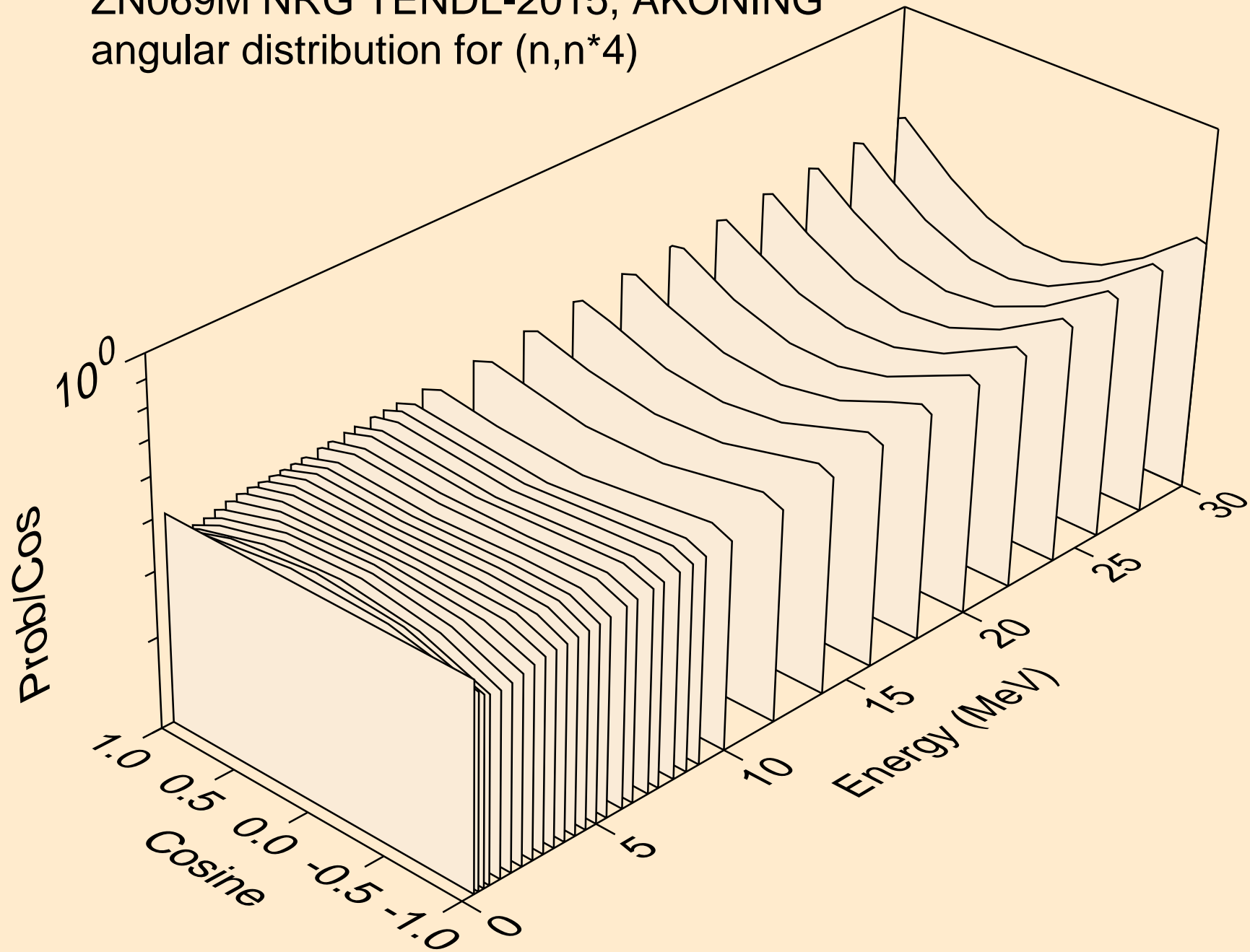
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angular distribution for (n,n\*2)



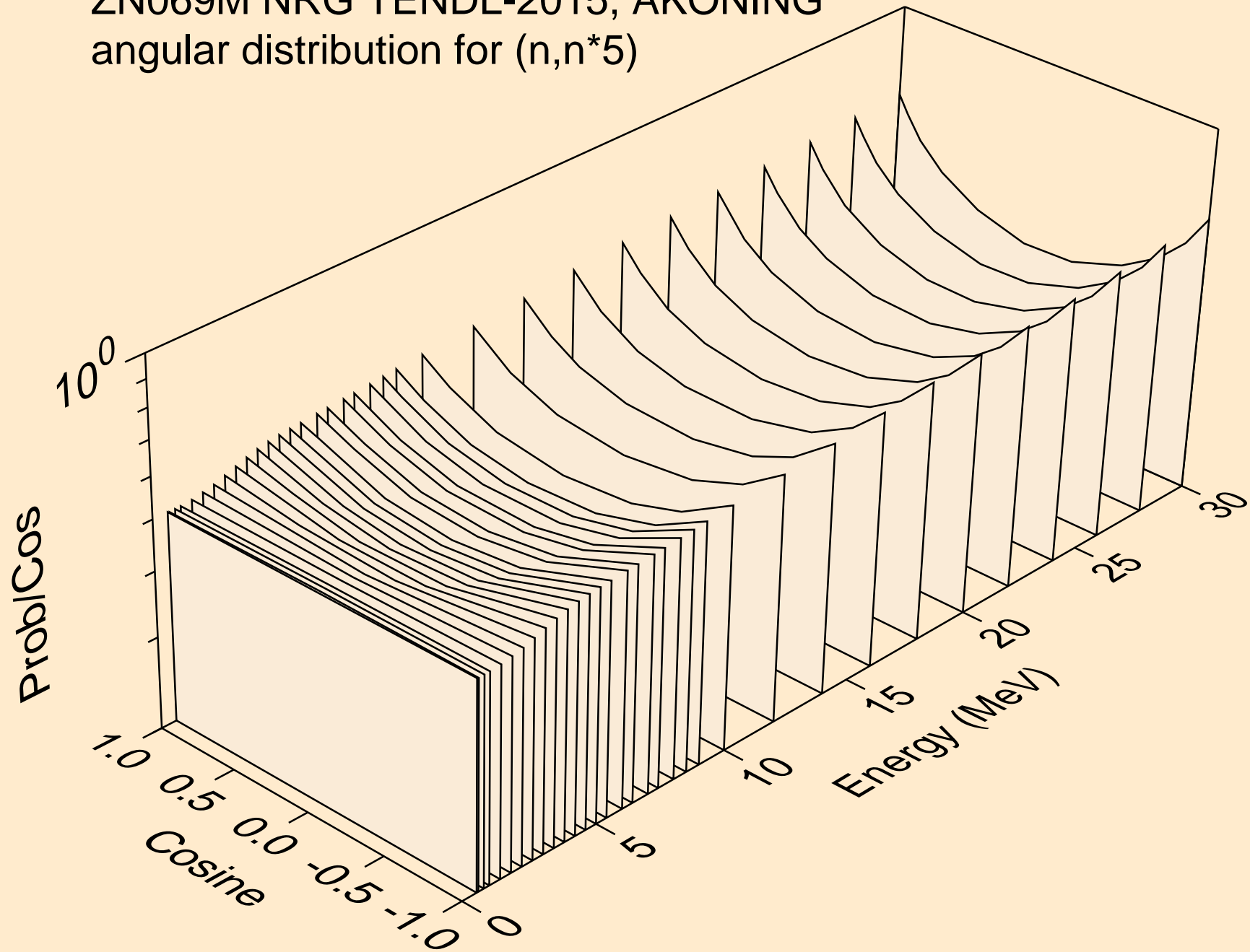
ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



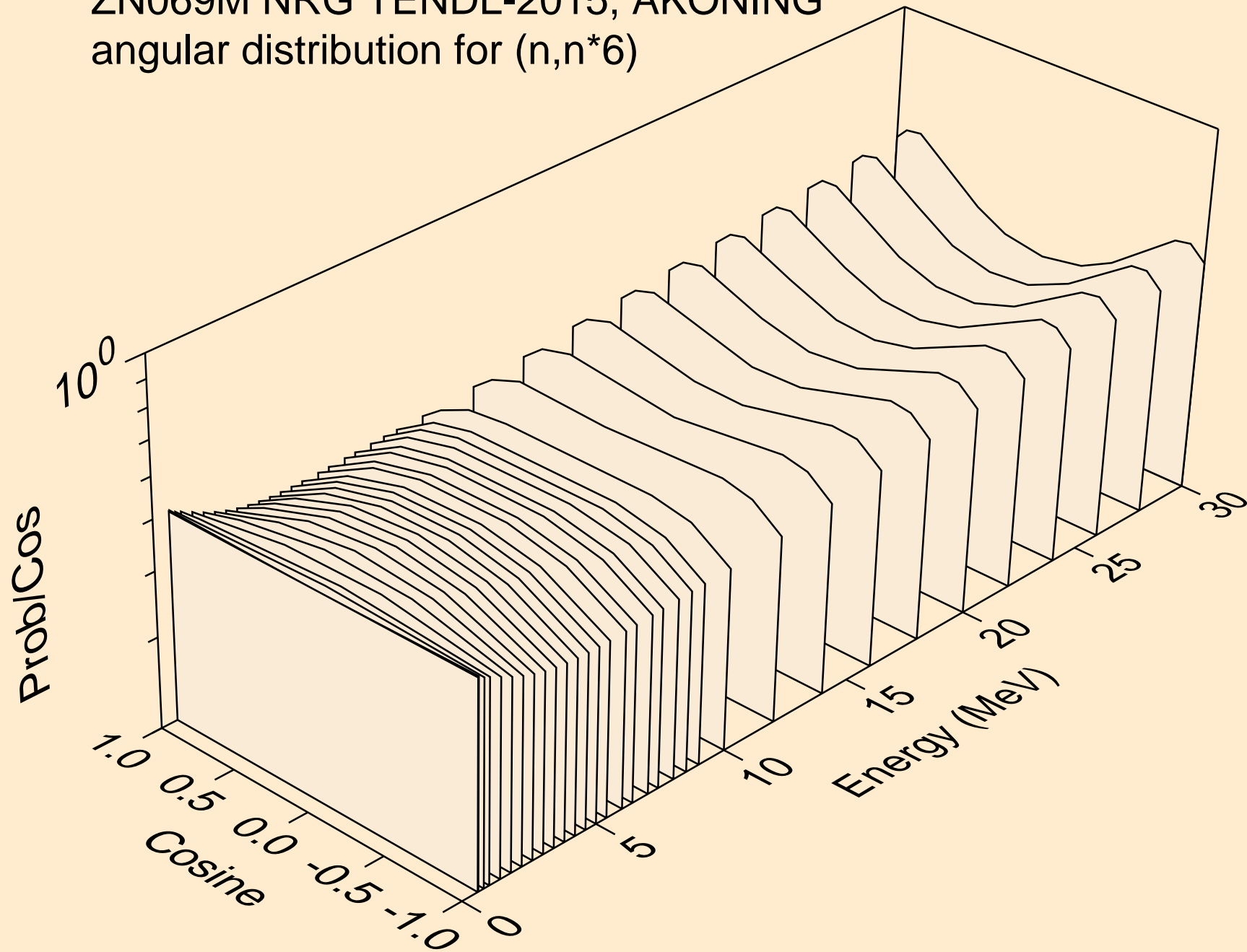
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angular distribution for (n,n\*4)



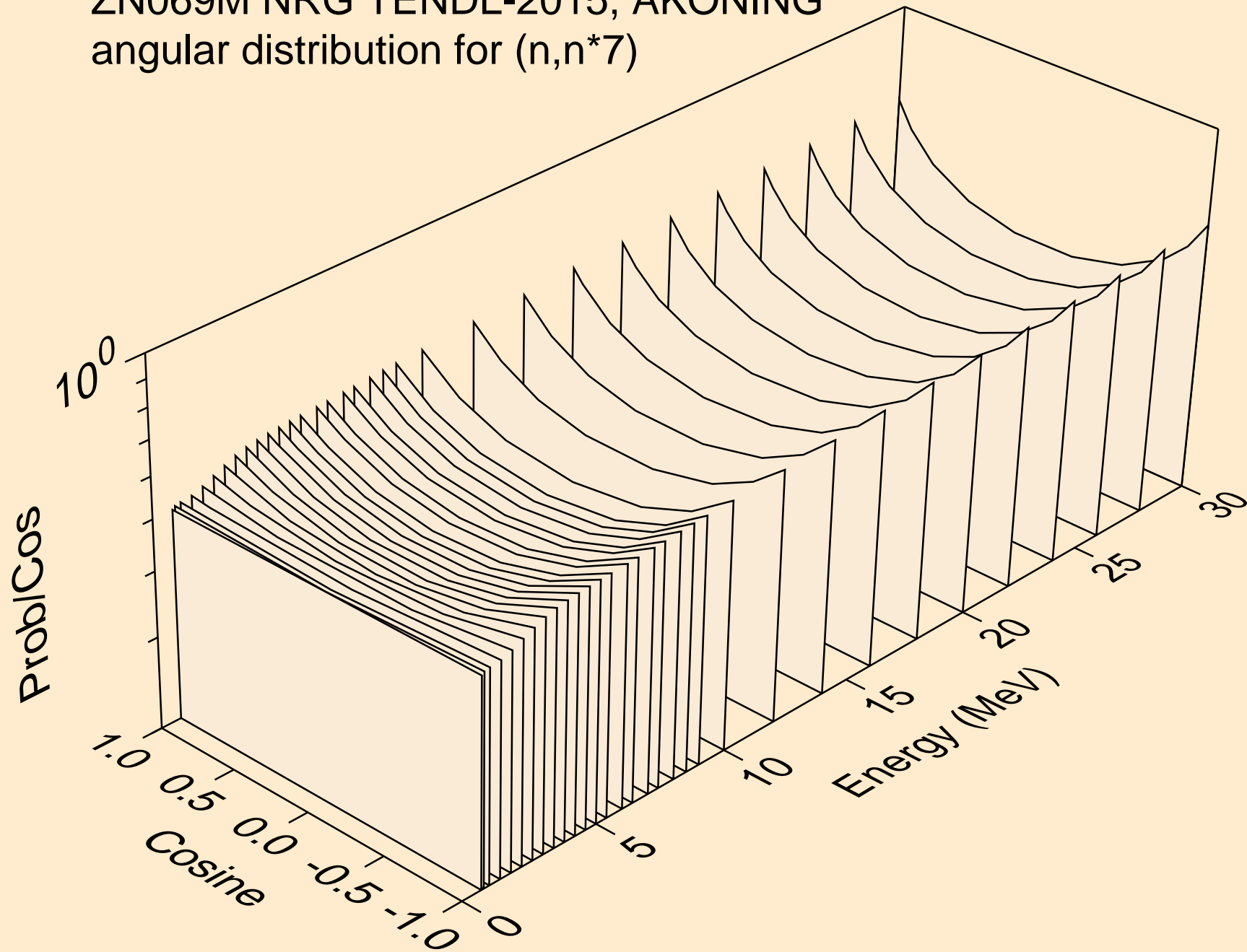
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angular distribution for (n,n\*5)



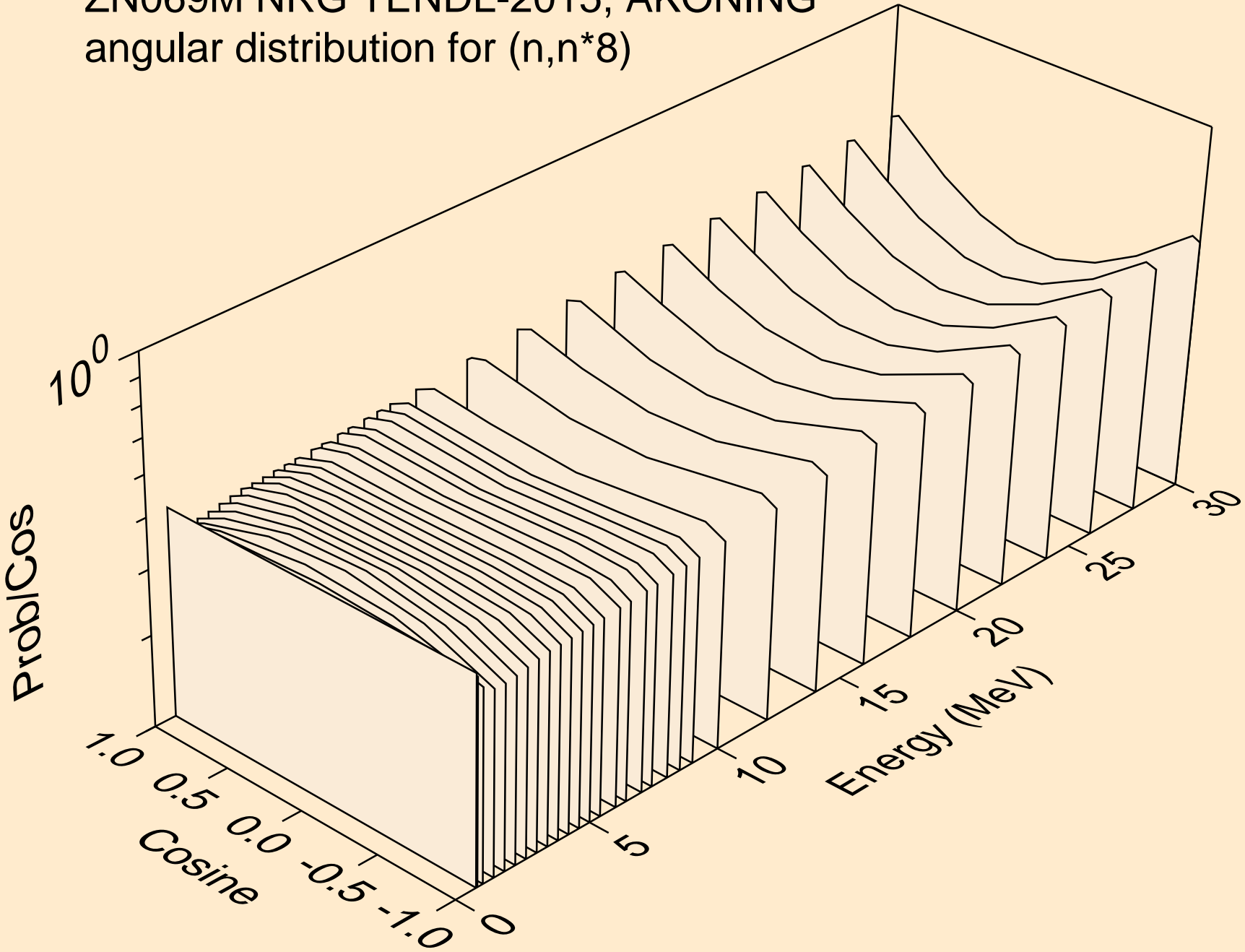
ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

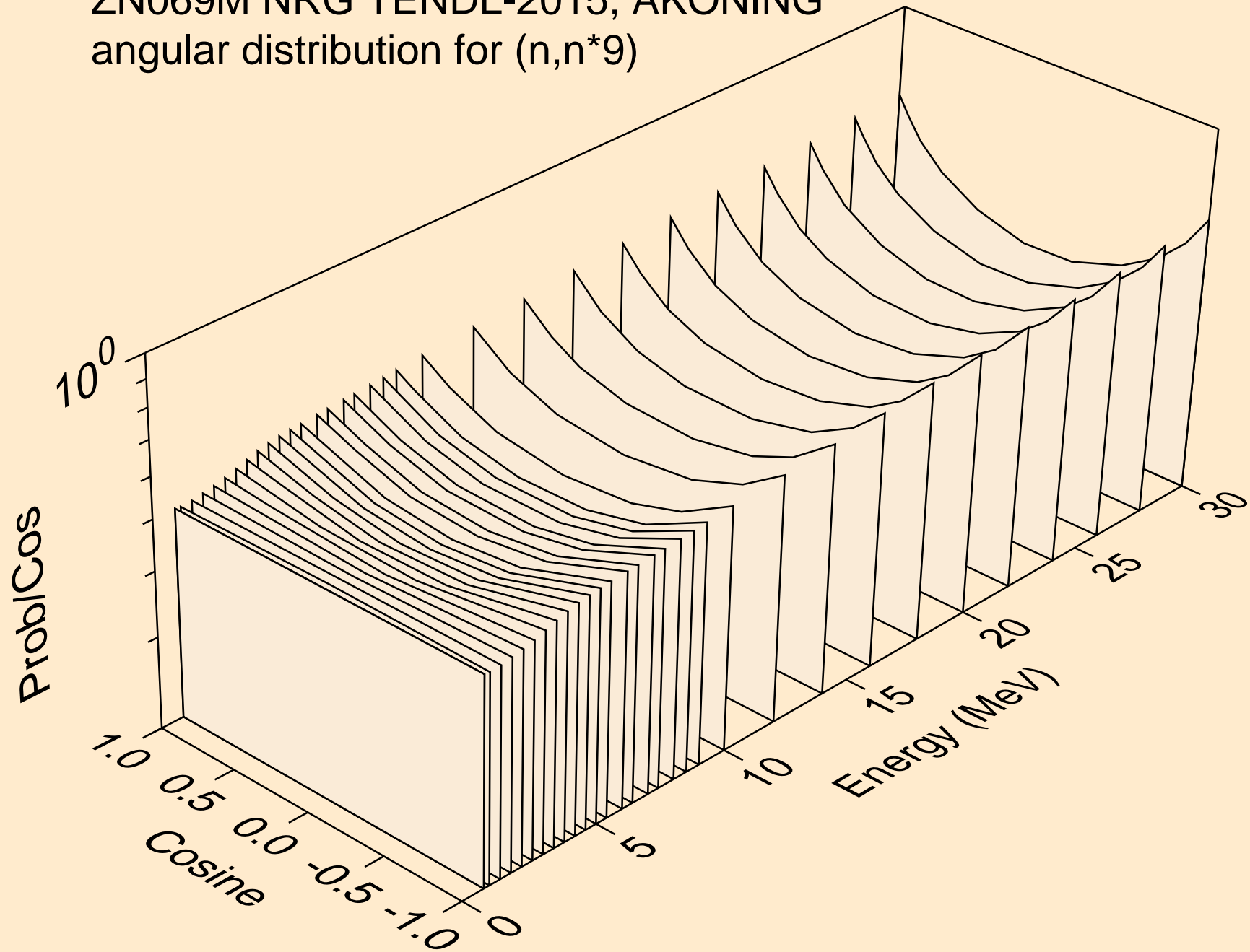


ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

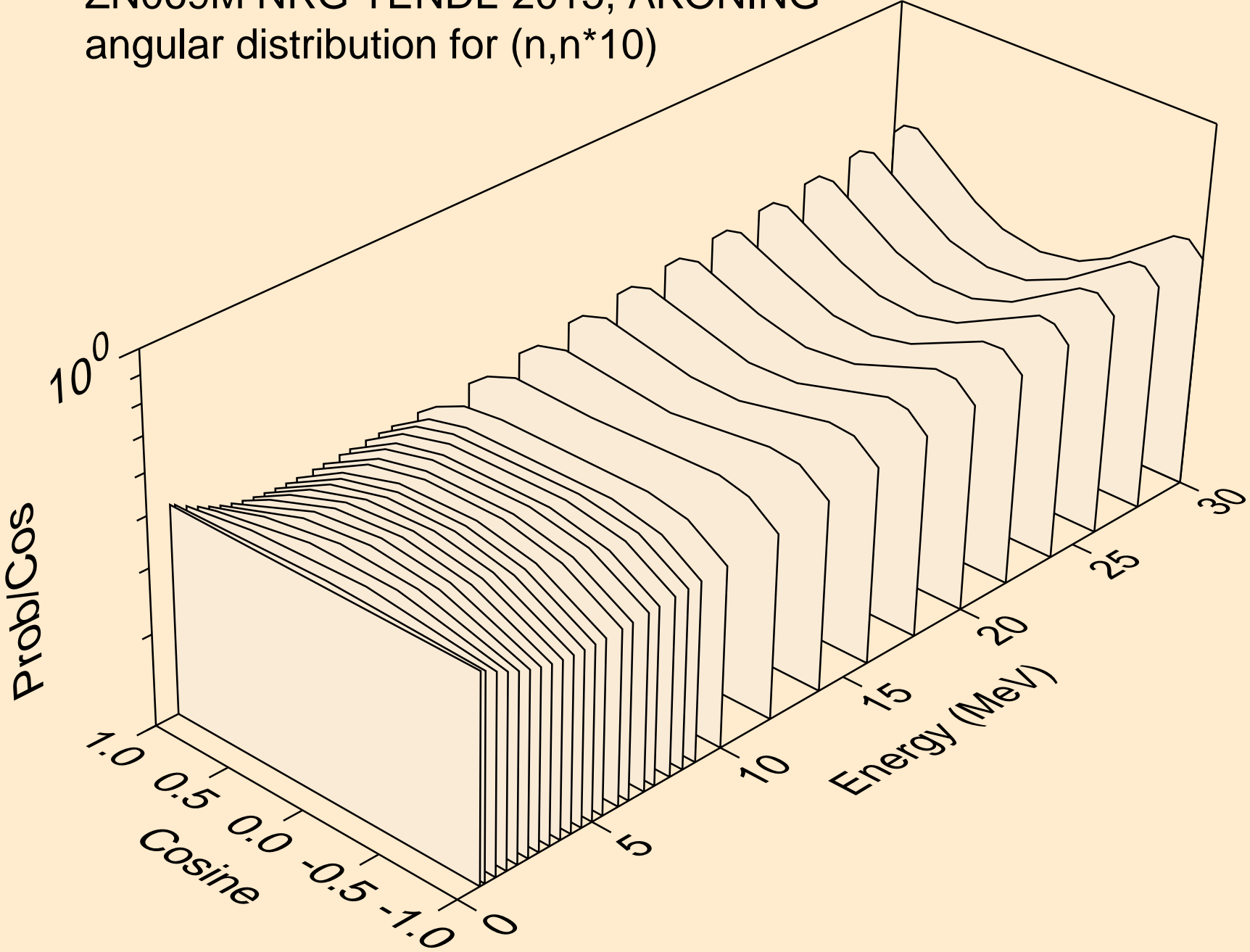




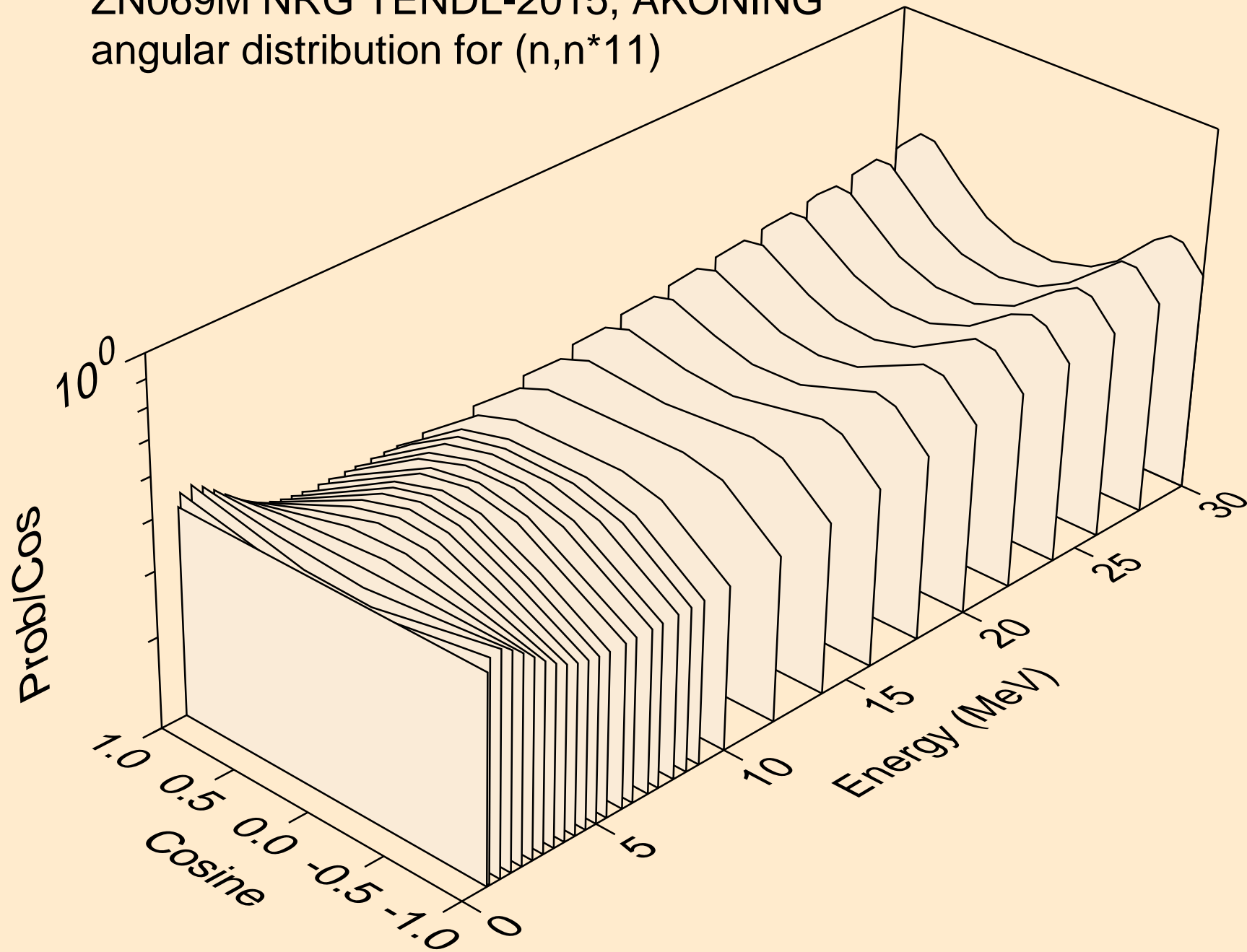
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angular distribution for (n,n\*9)



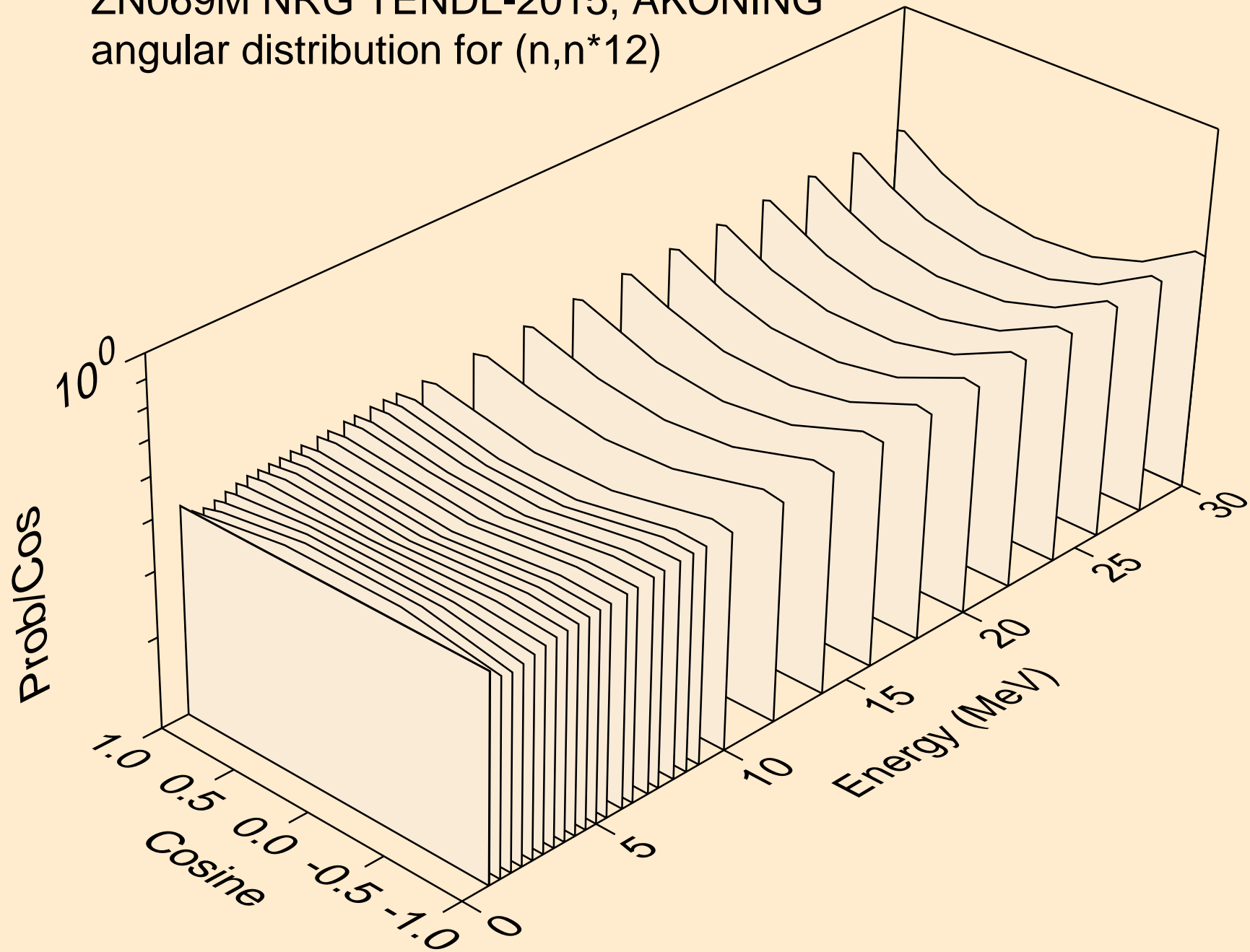
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angular distribution for (n,n\*10)



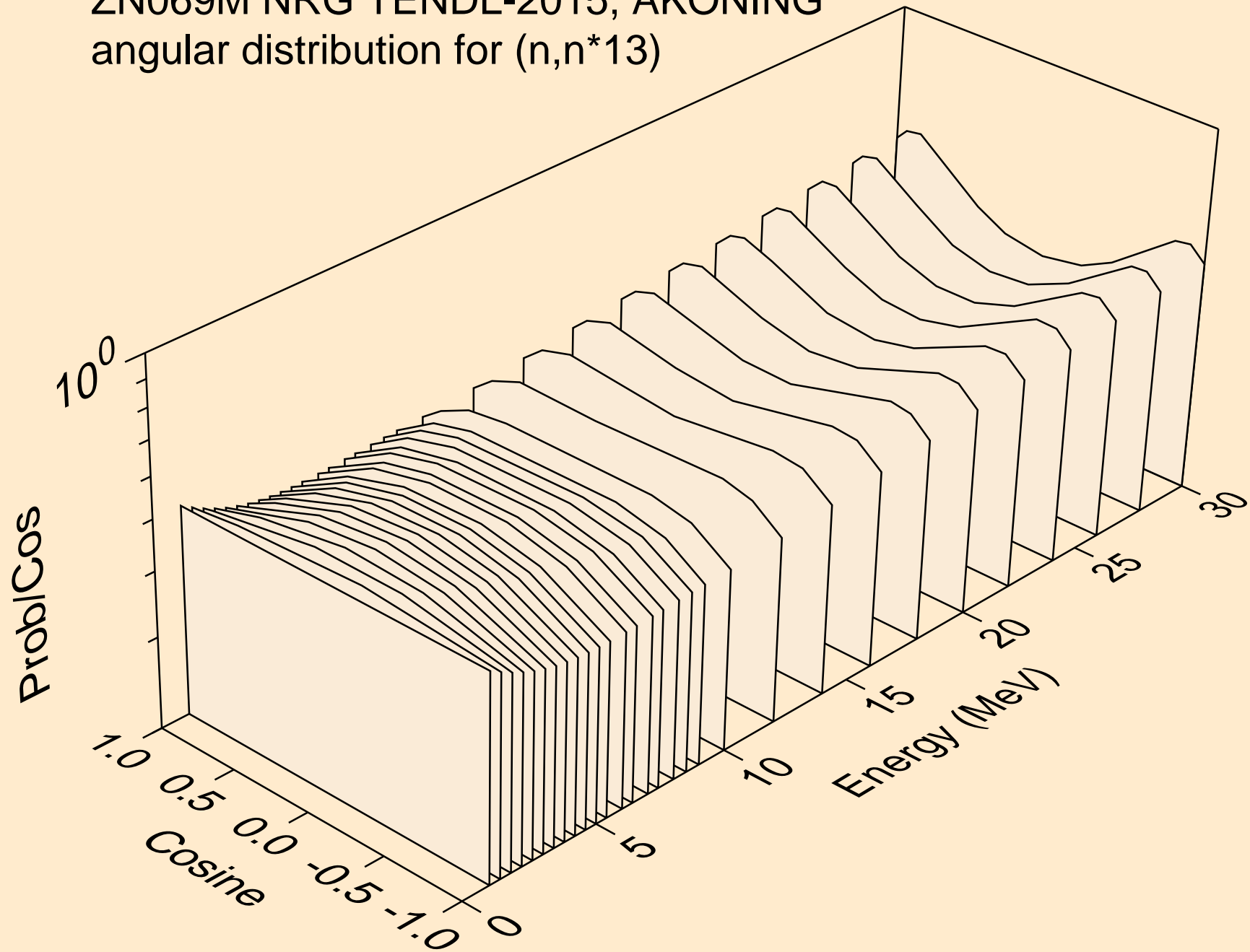
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angular distribution for (n,n\*11)



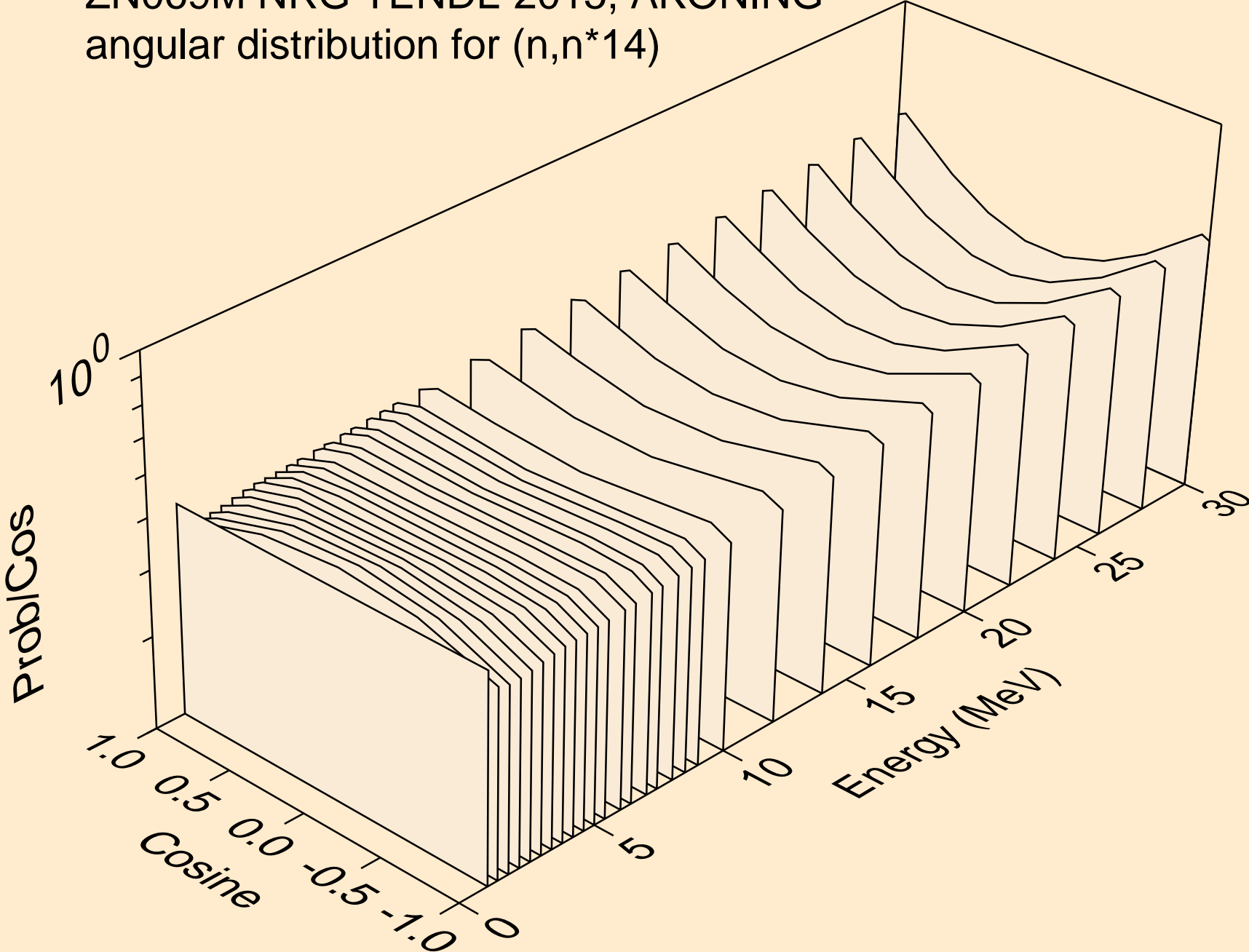
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angular distribution for (n,n\*12)



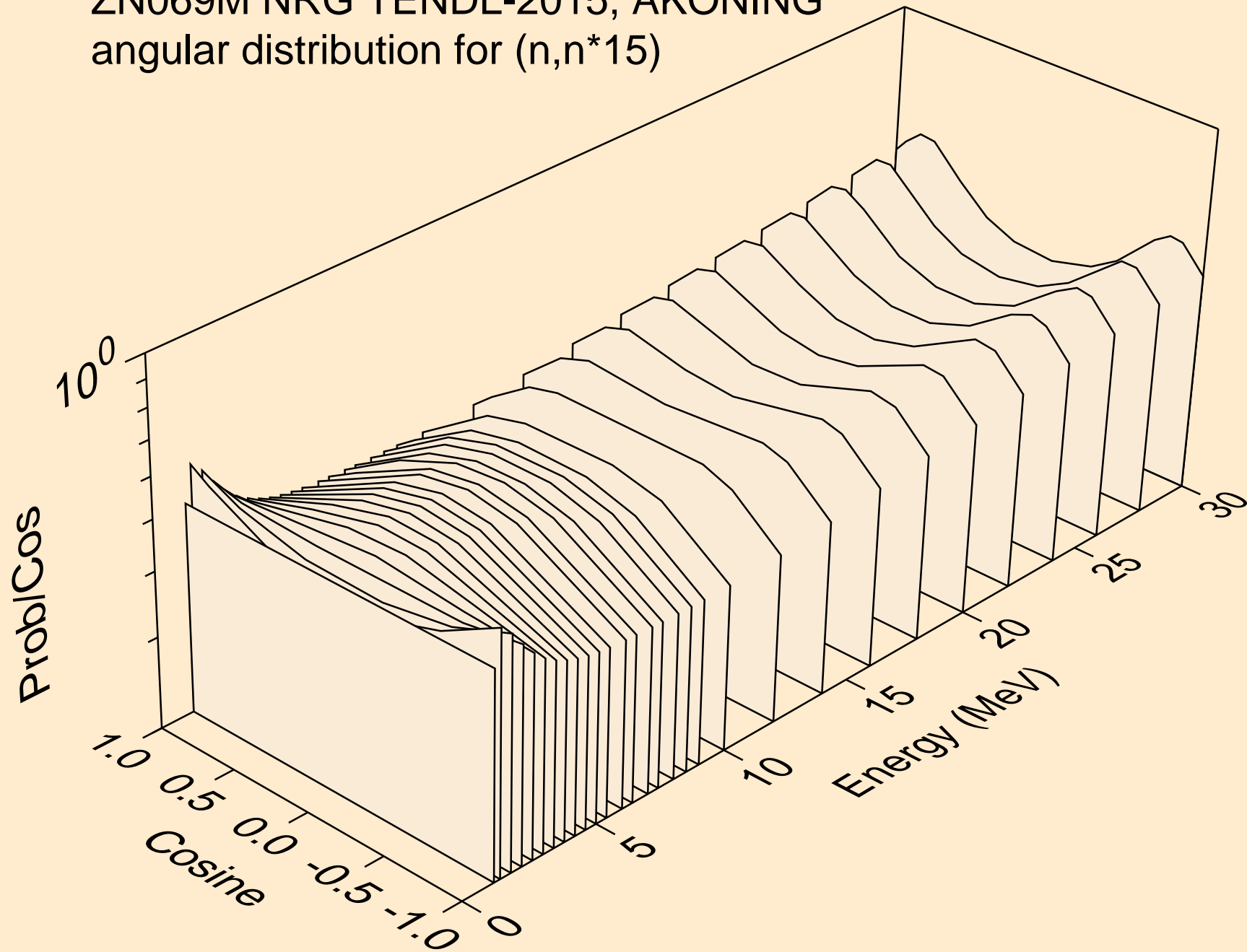
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angular distribution for (n,n\*13)



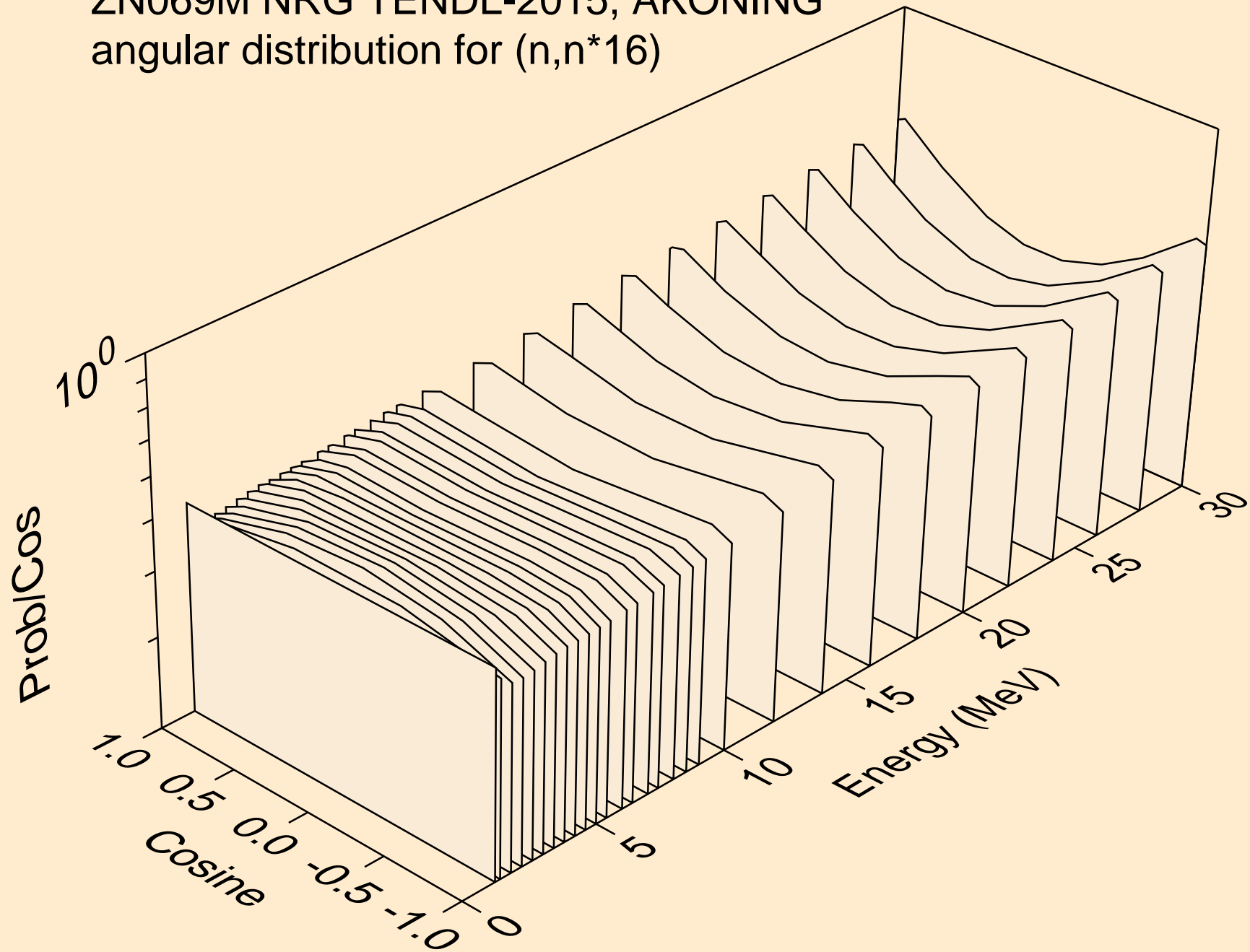
ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

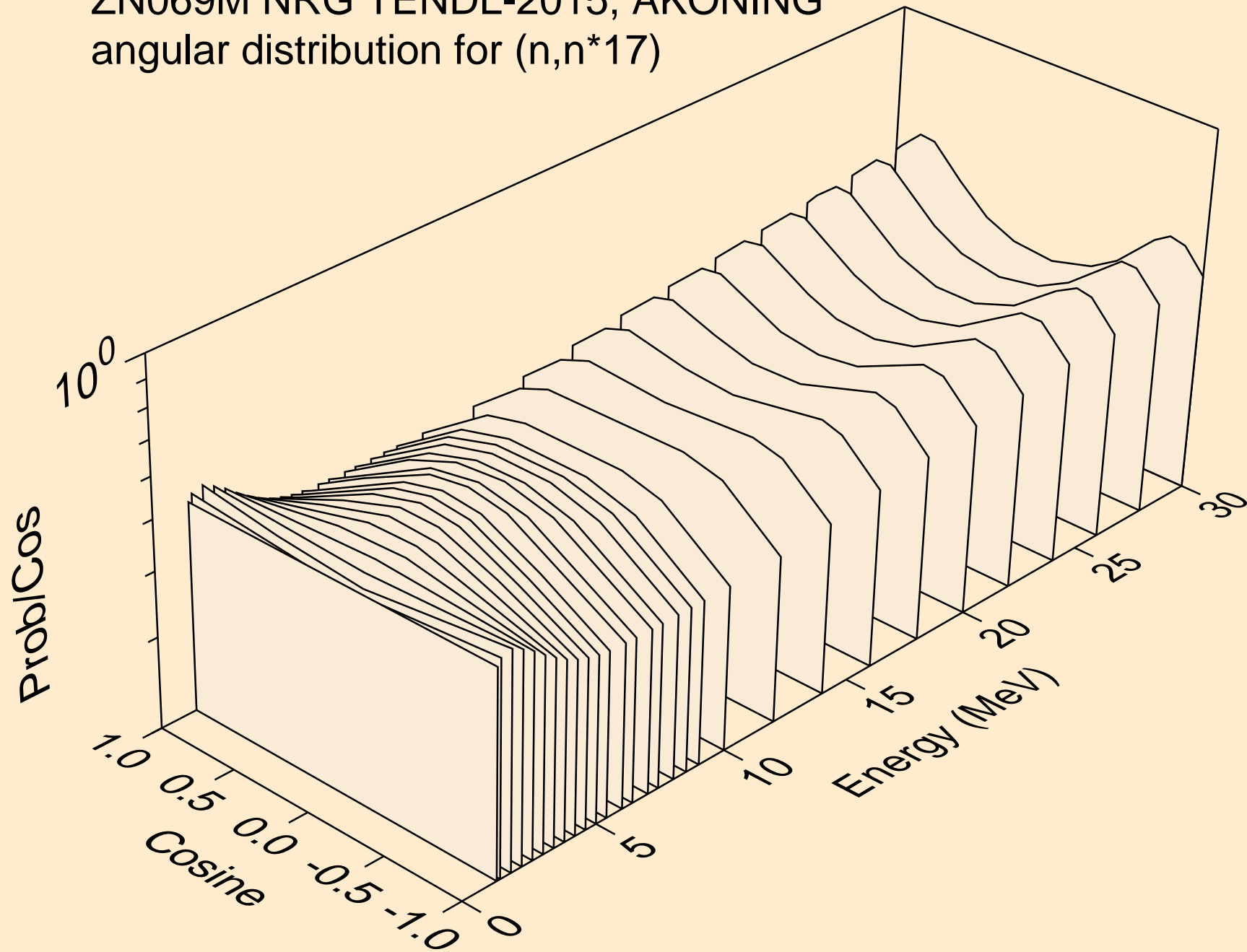


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angular distribution for (n,n\*16)

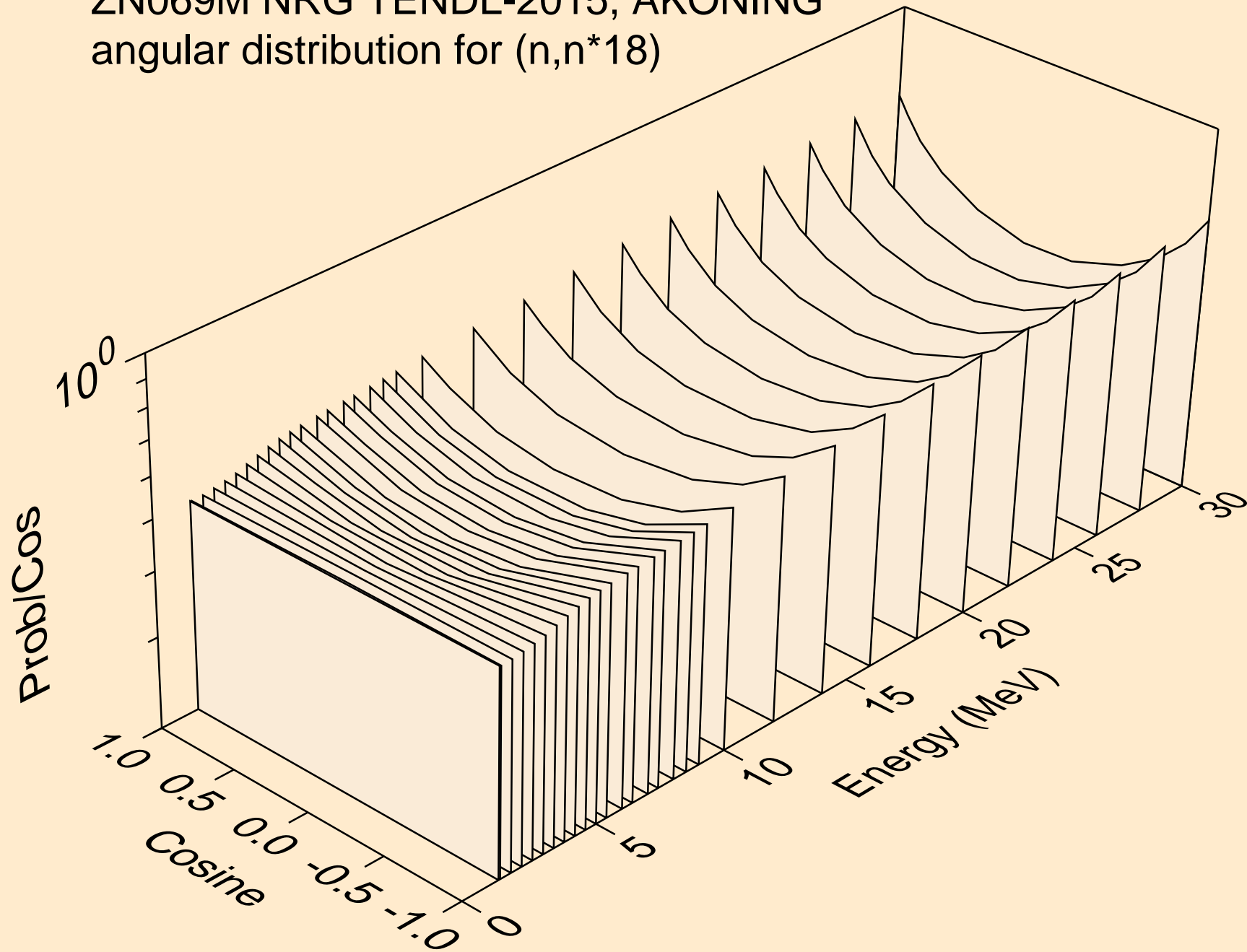




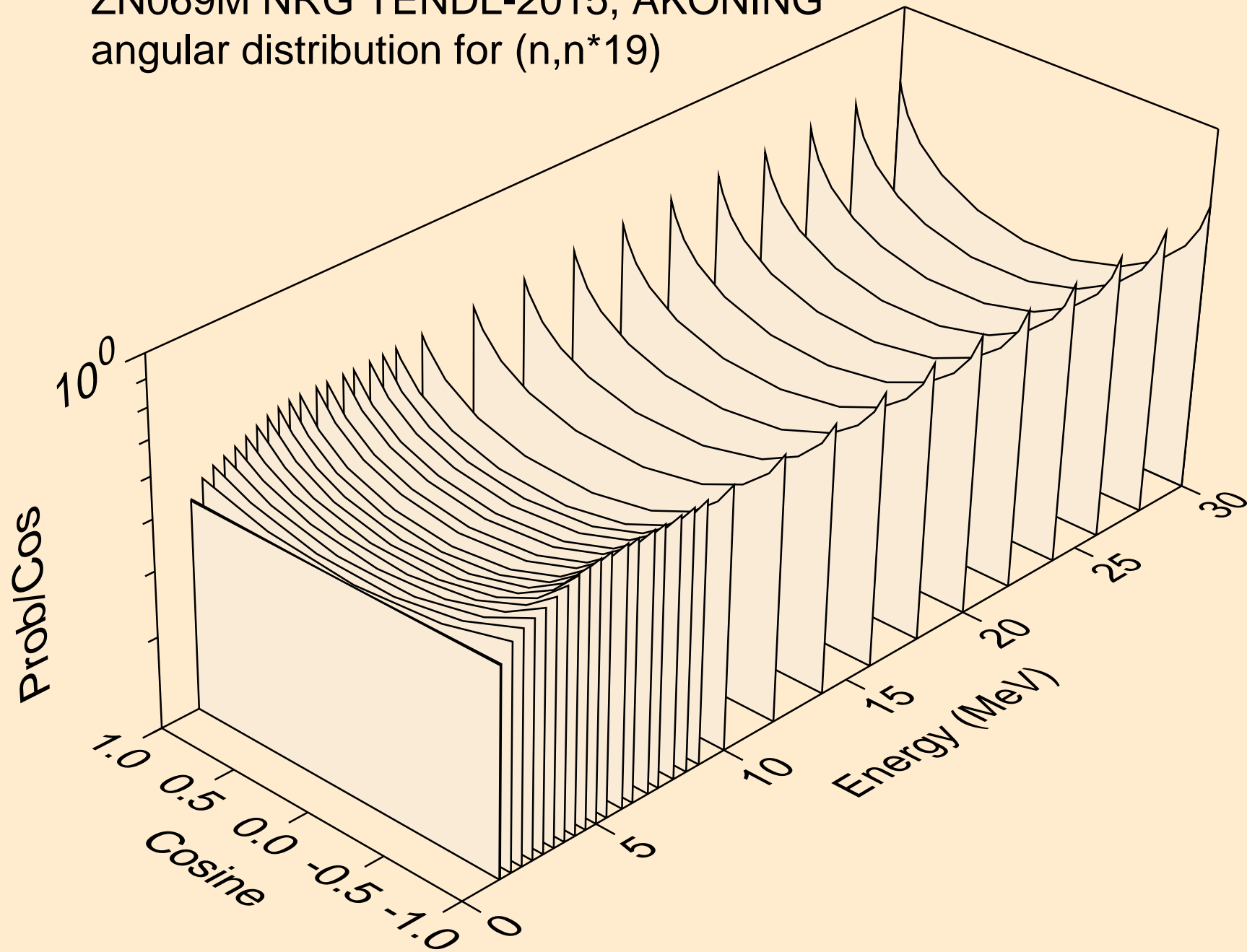
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angular distribution for (n,n\*17)



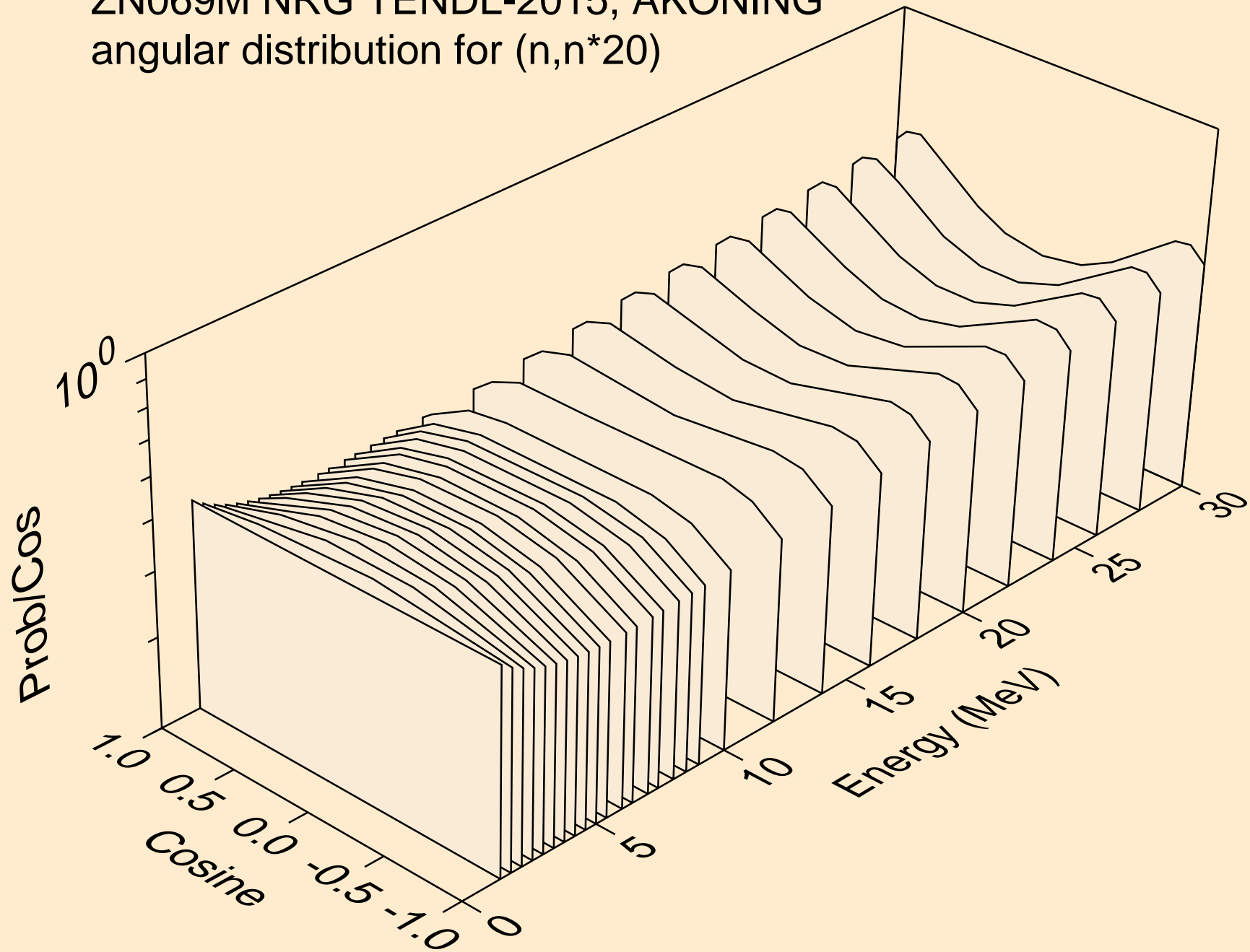
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angular distribution for (n,n\*18)



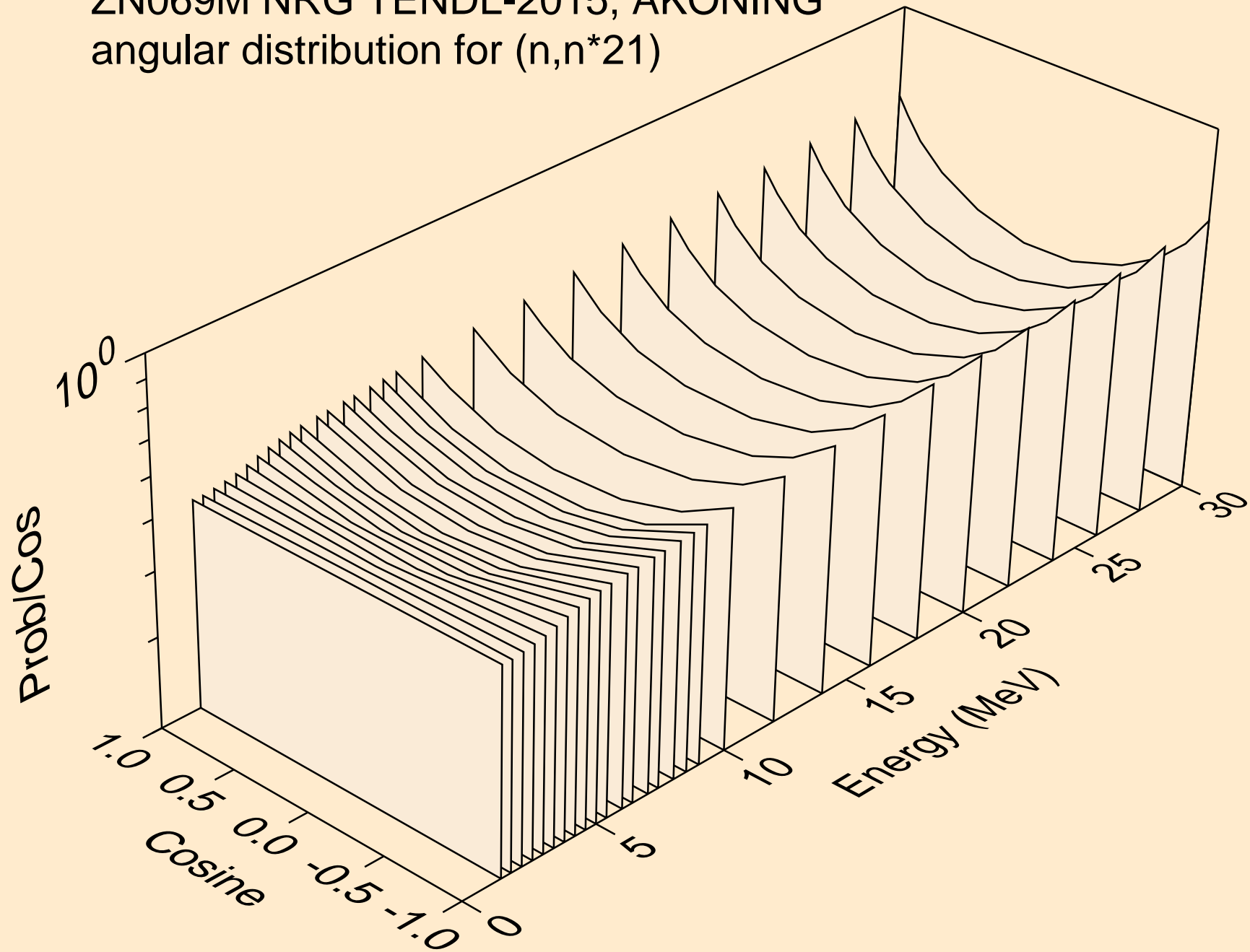
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angular distribution for (n,n\*19)



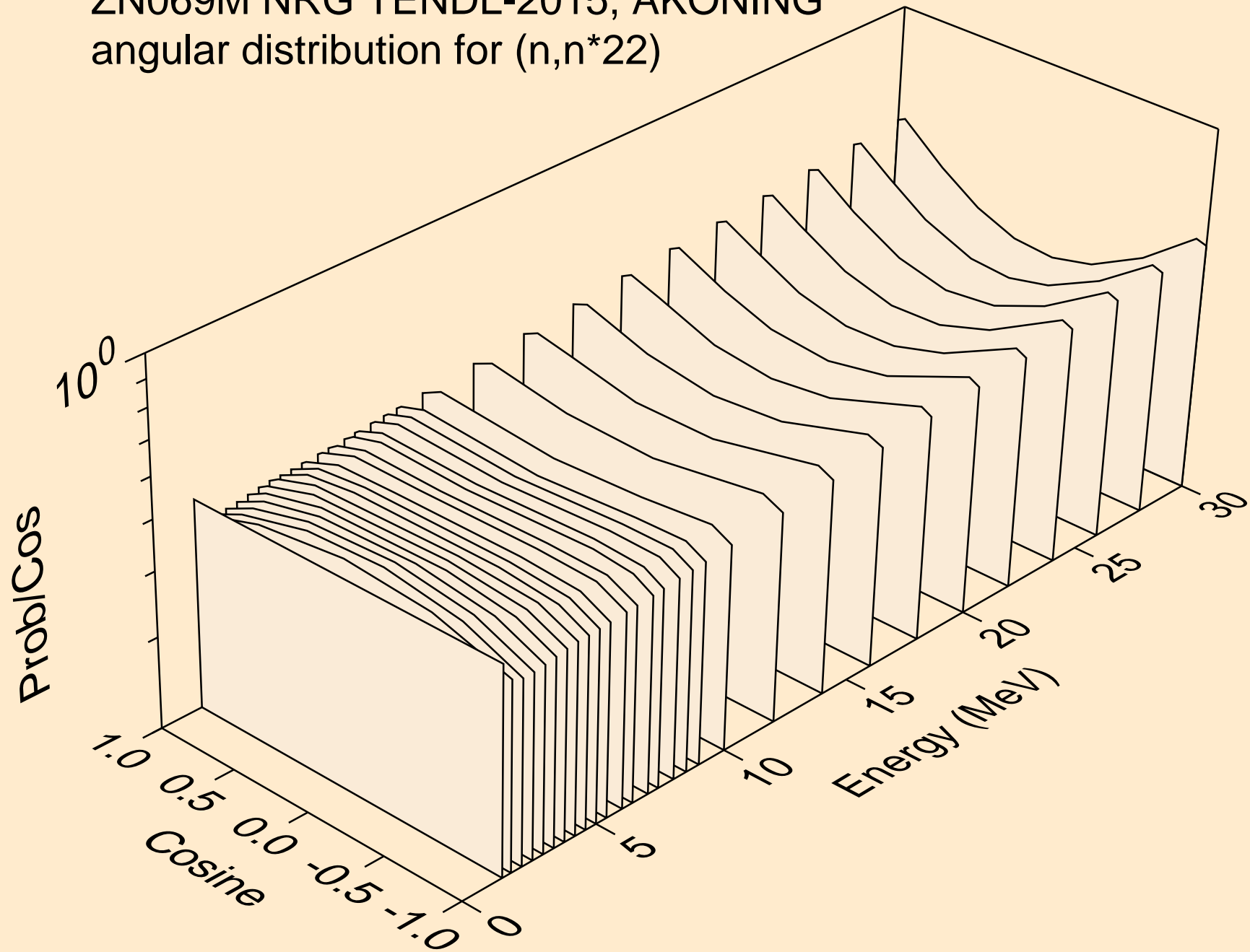
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angular distribution for (n,n\*20)



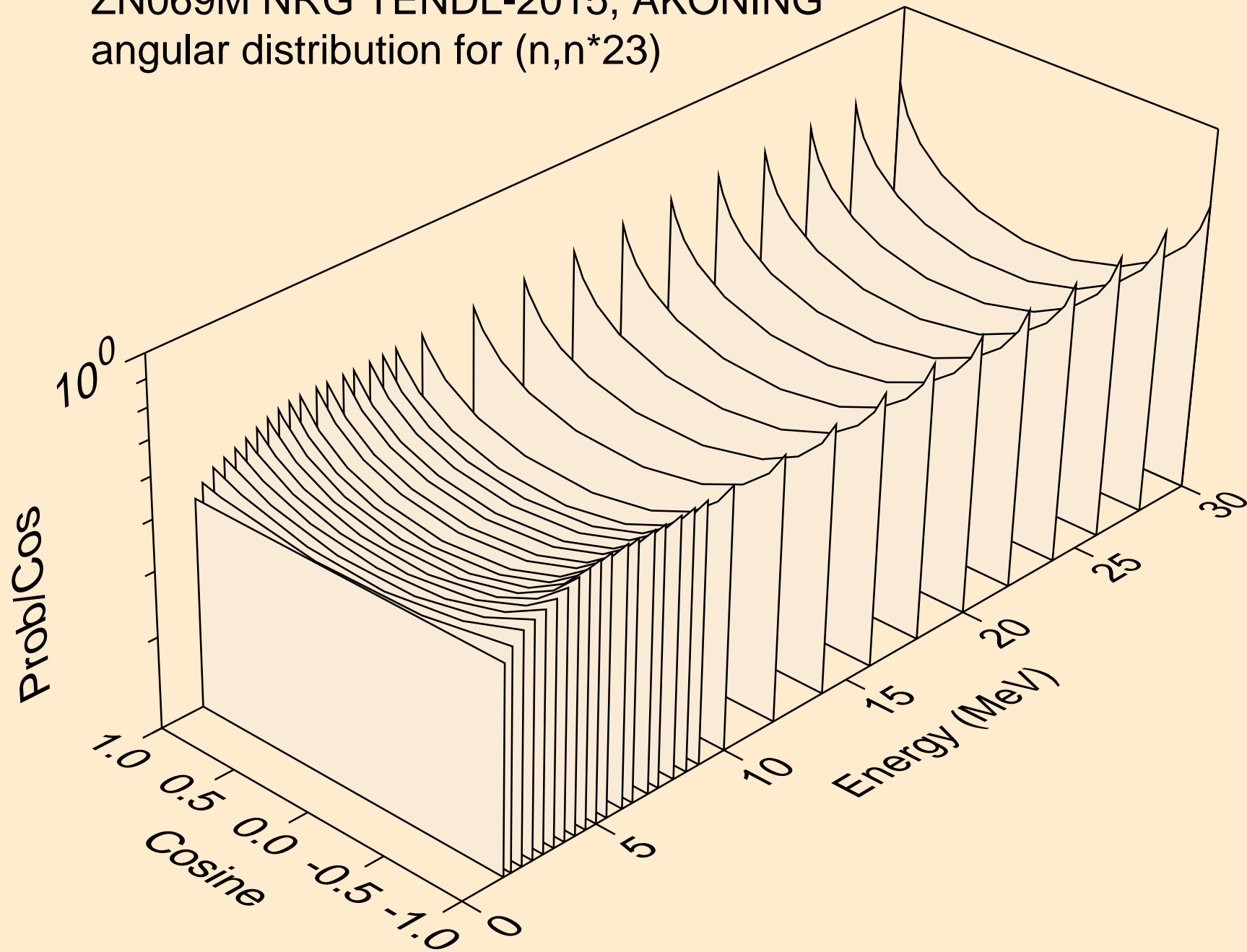
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angular distribution for (n,n\*21)



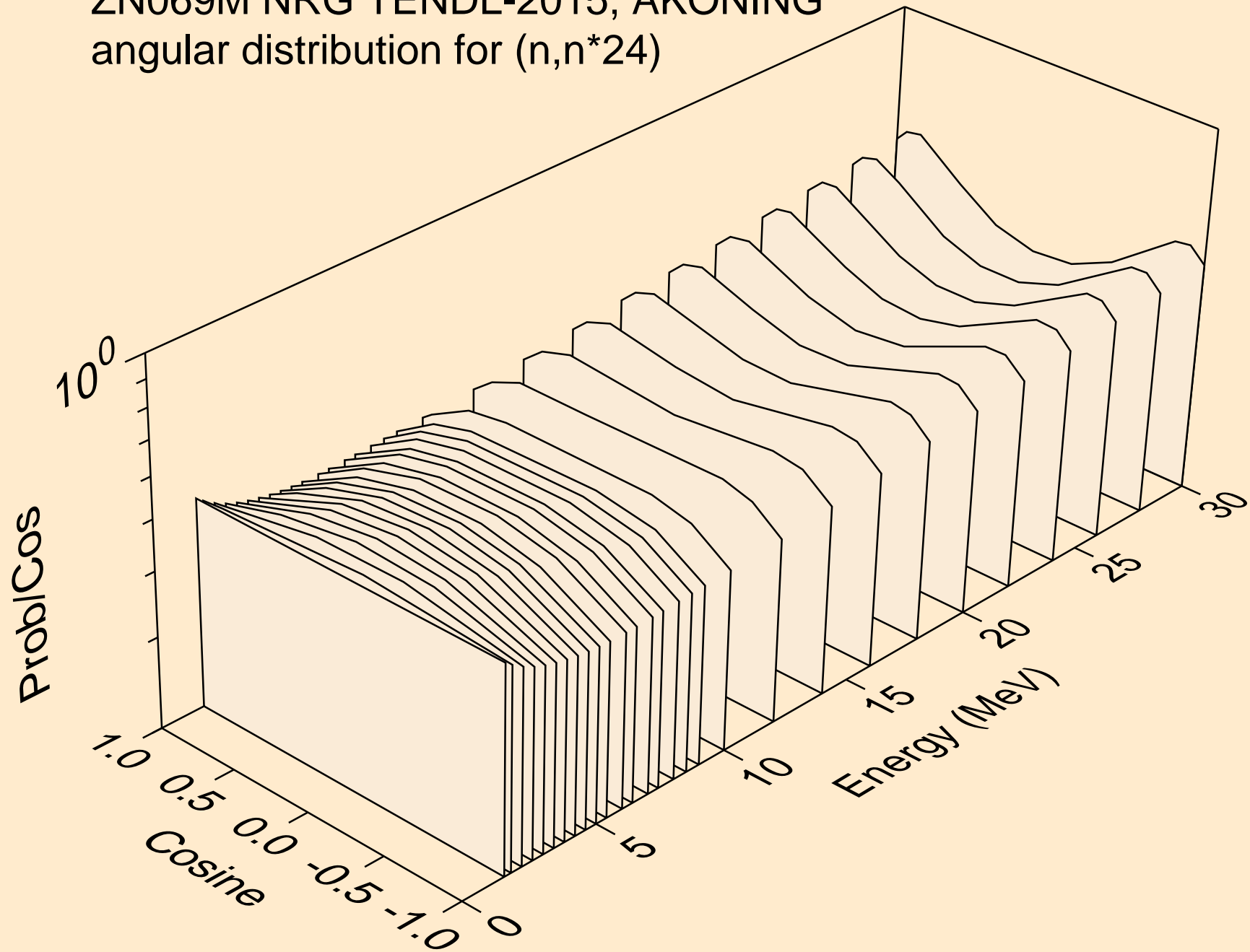
ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

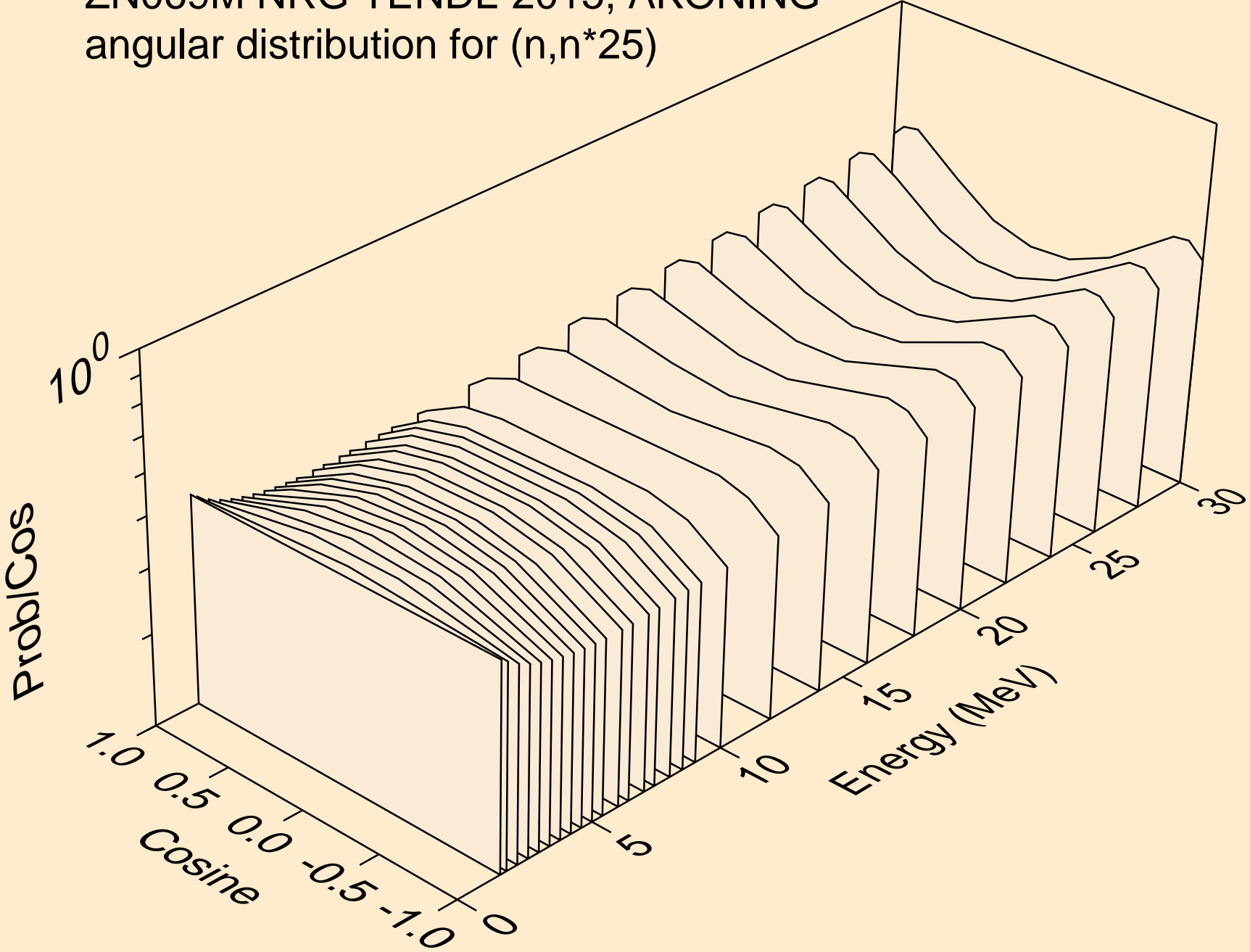


ZN069M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

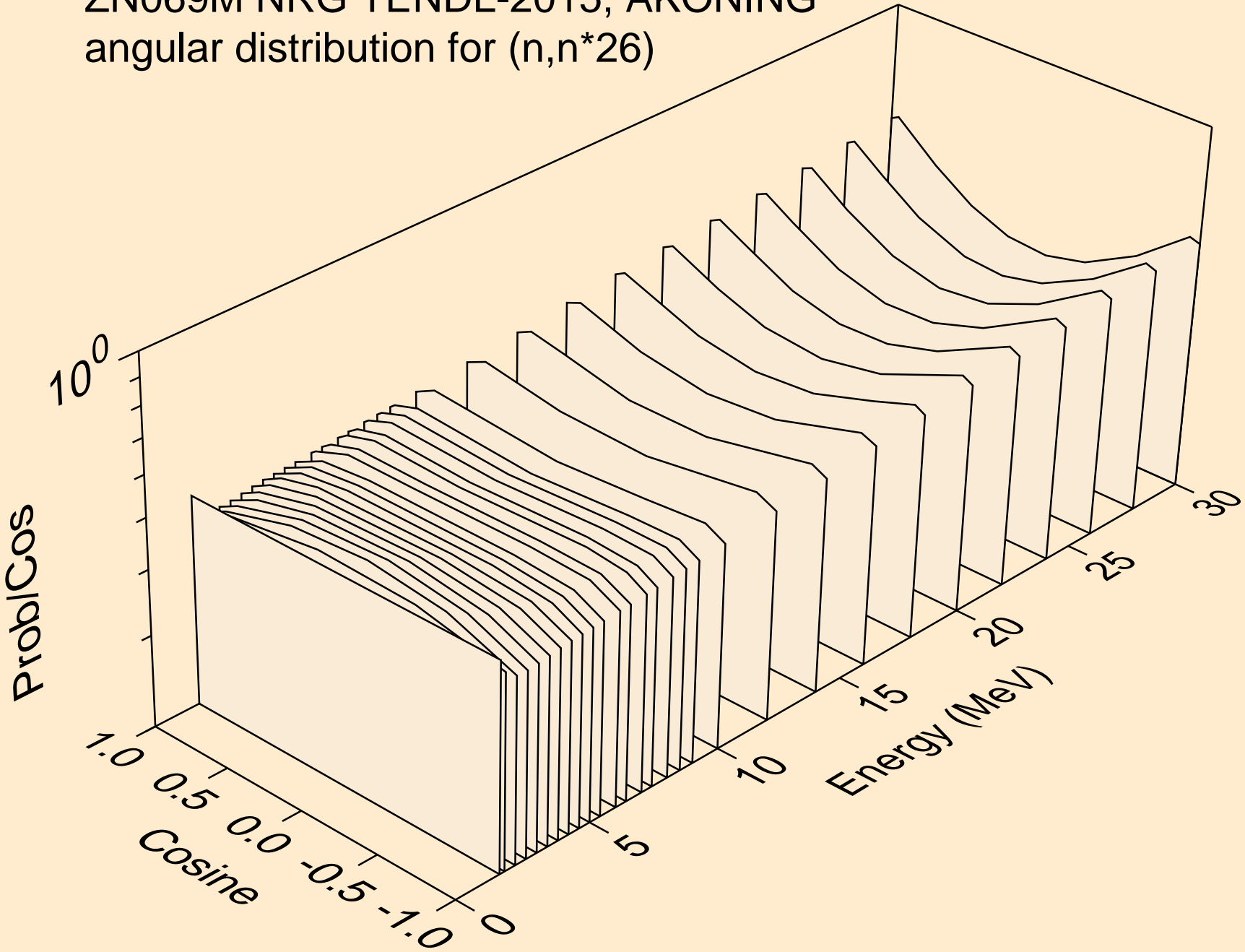




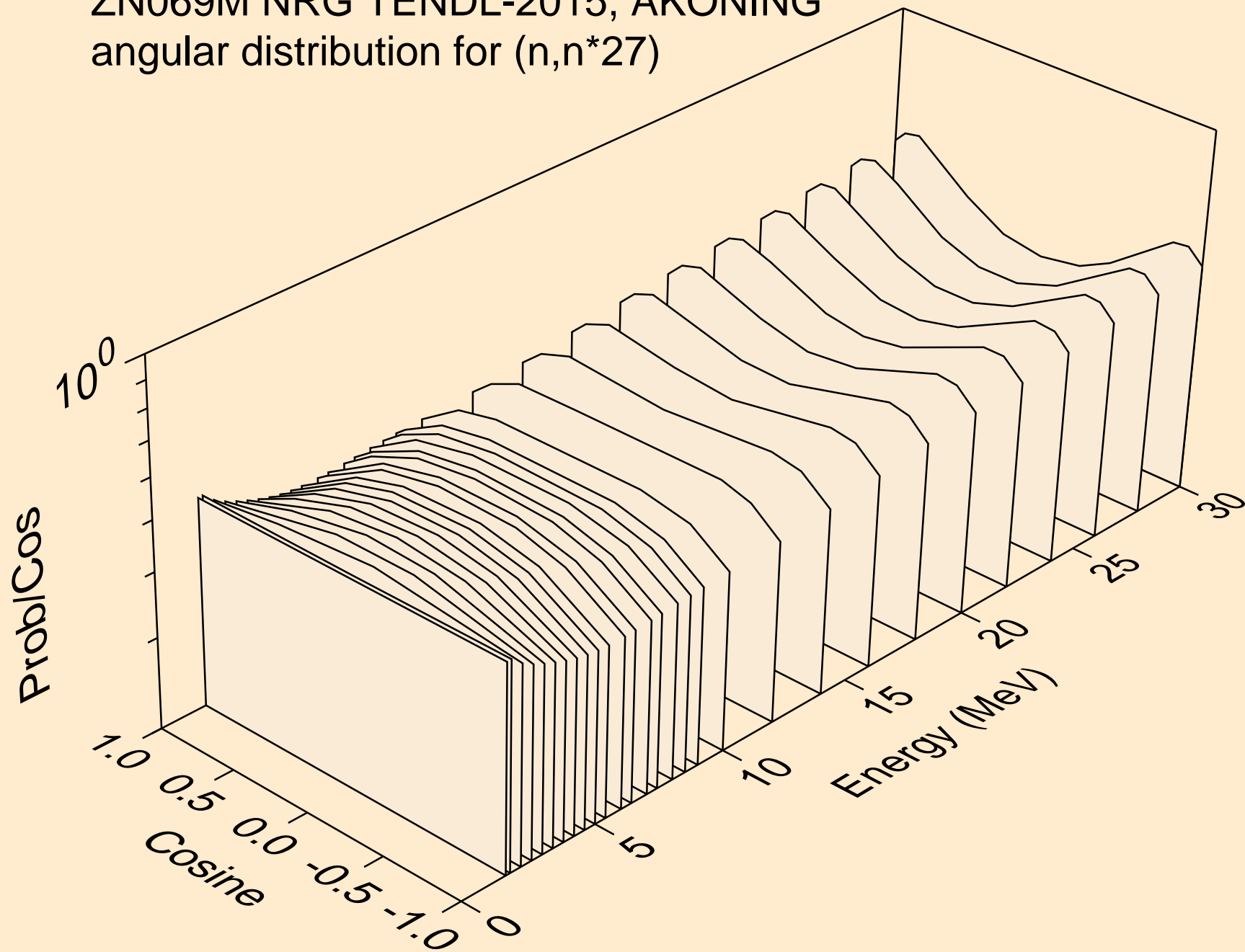
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angular distribution for (n,n\*25)



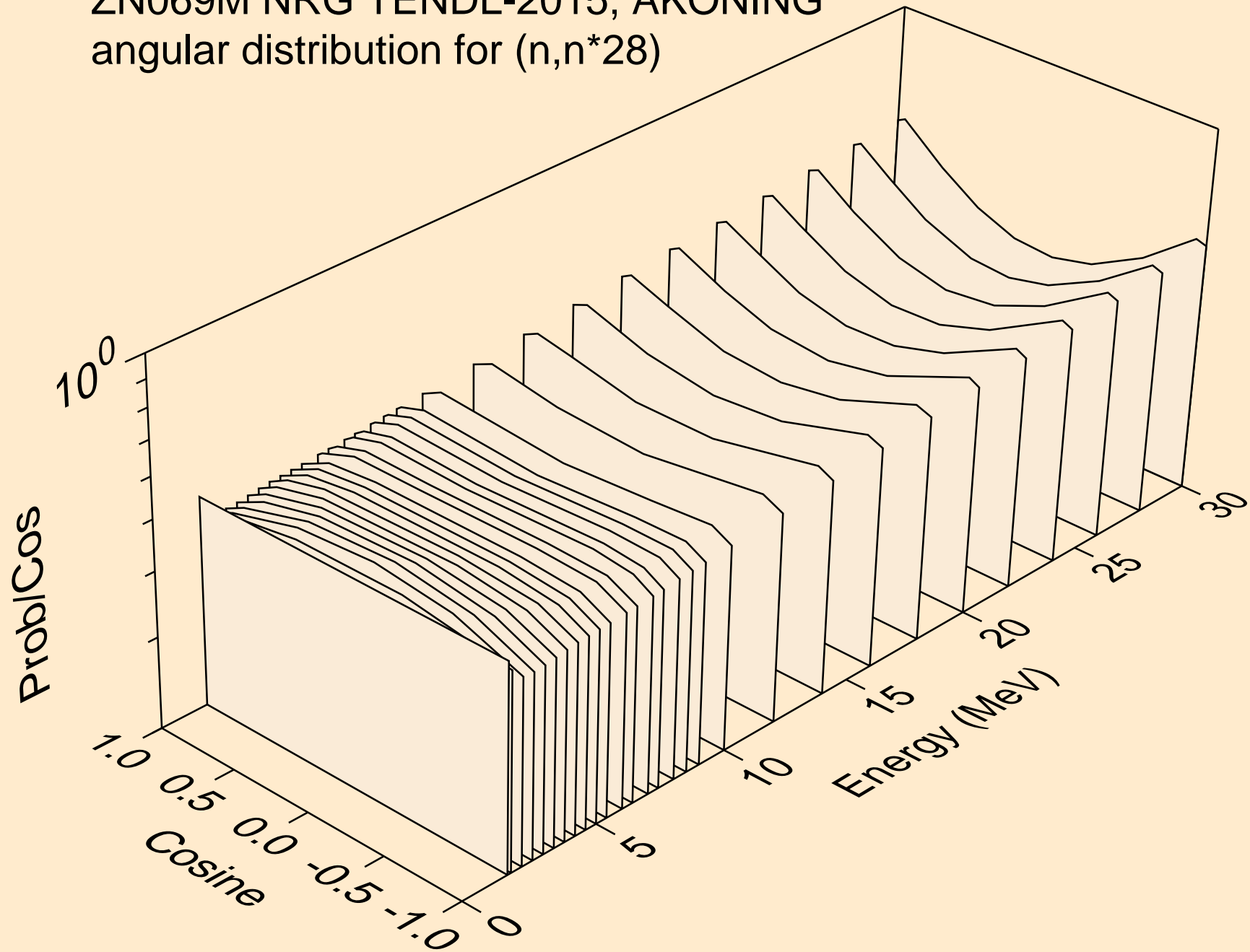
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angular distribution for (n,n\*26)



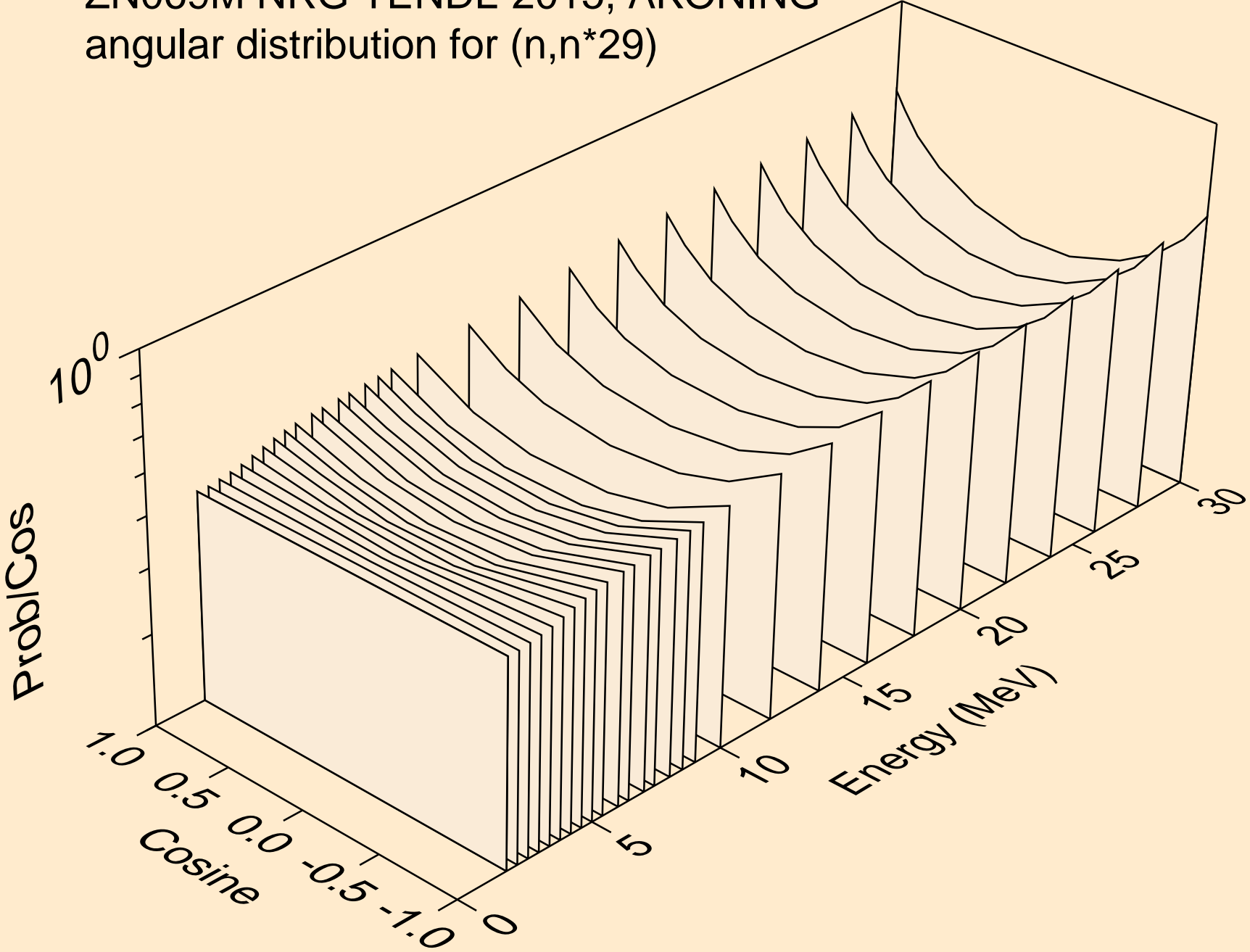
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angular distribution for (n,n\*27)



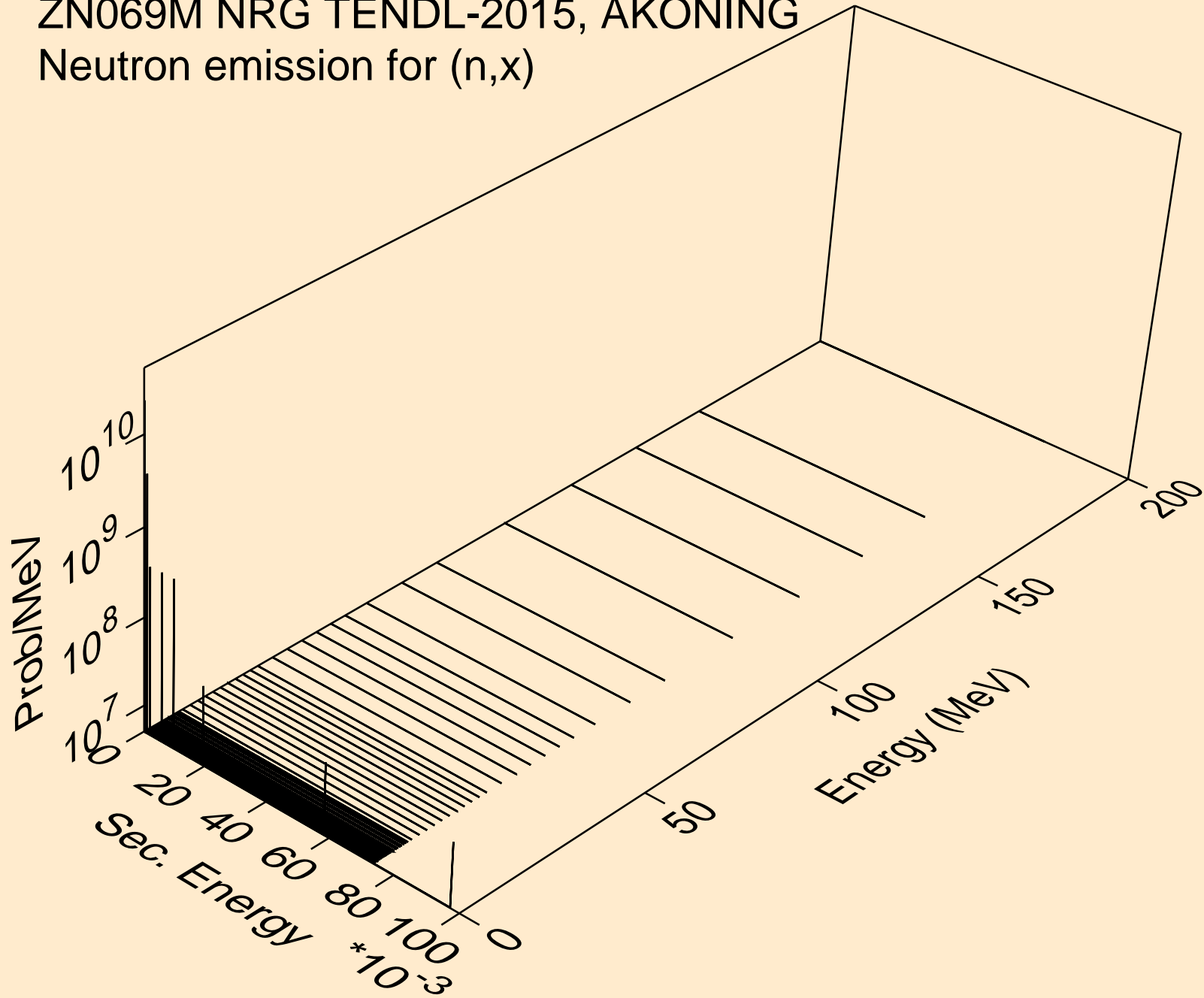
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angular distribution for (n,n\*28)



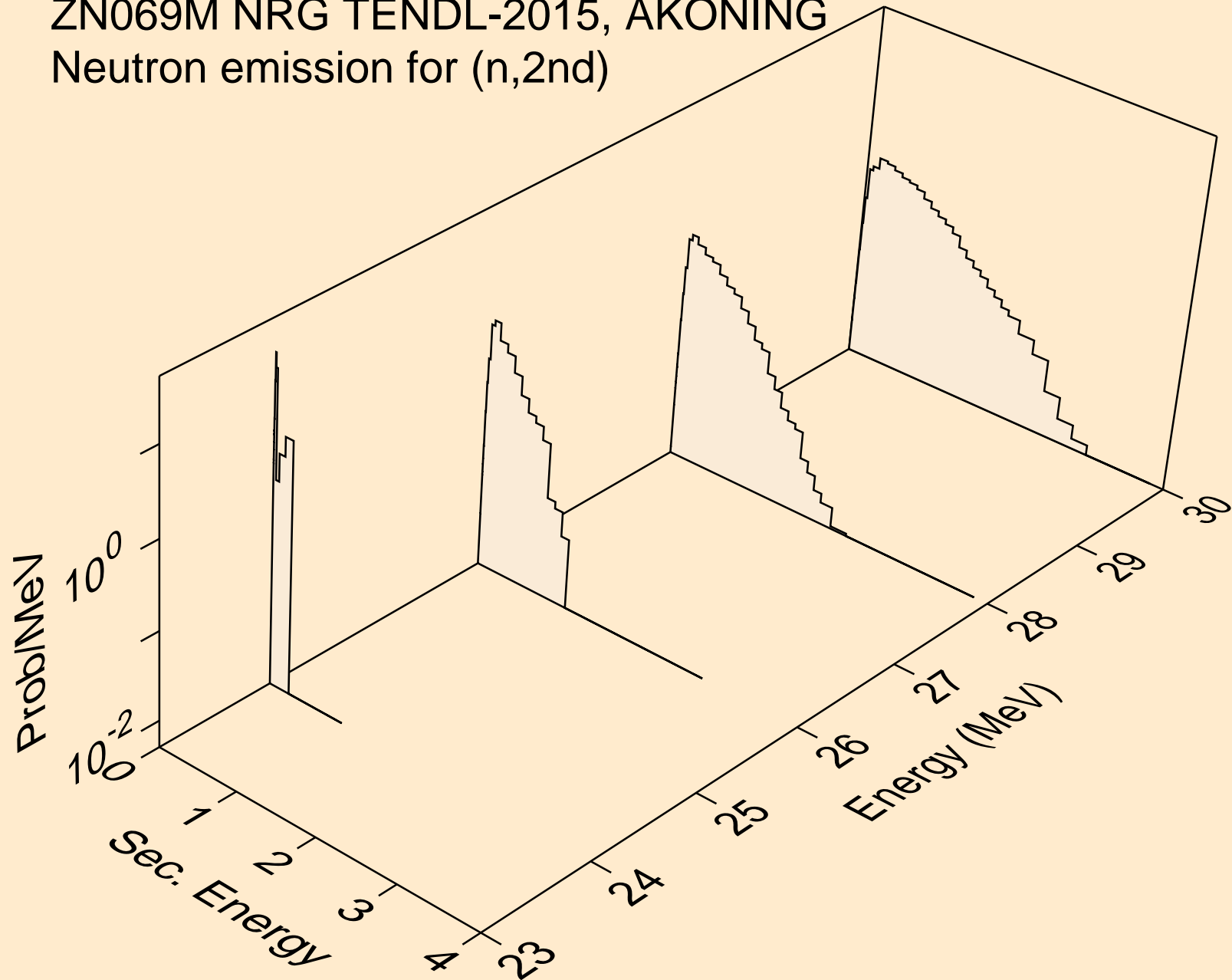
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angular distribution for (n,n\*29)



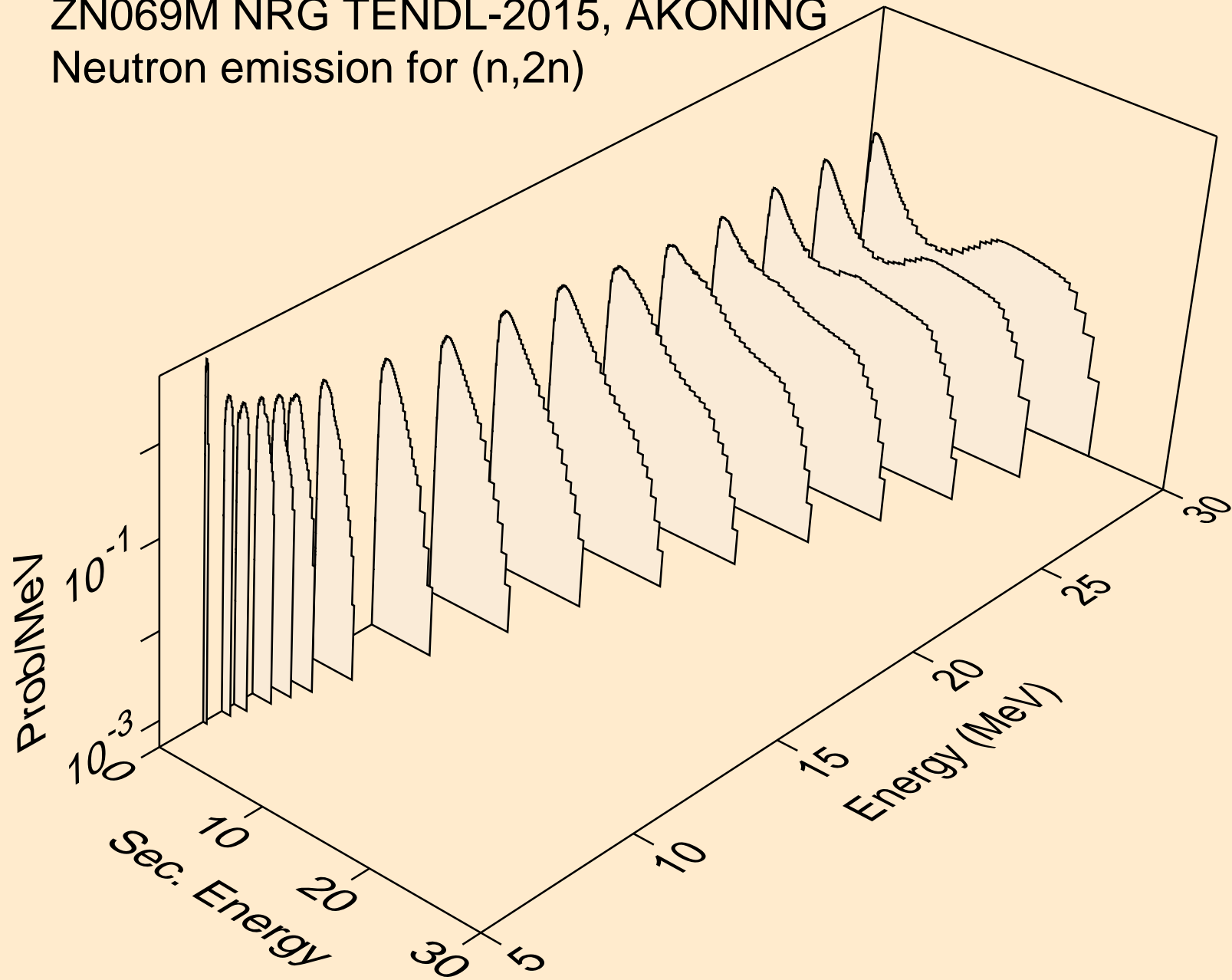
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

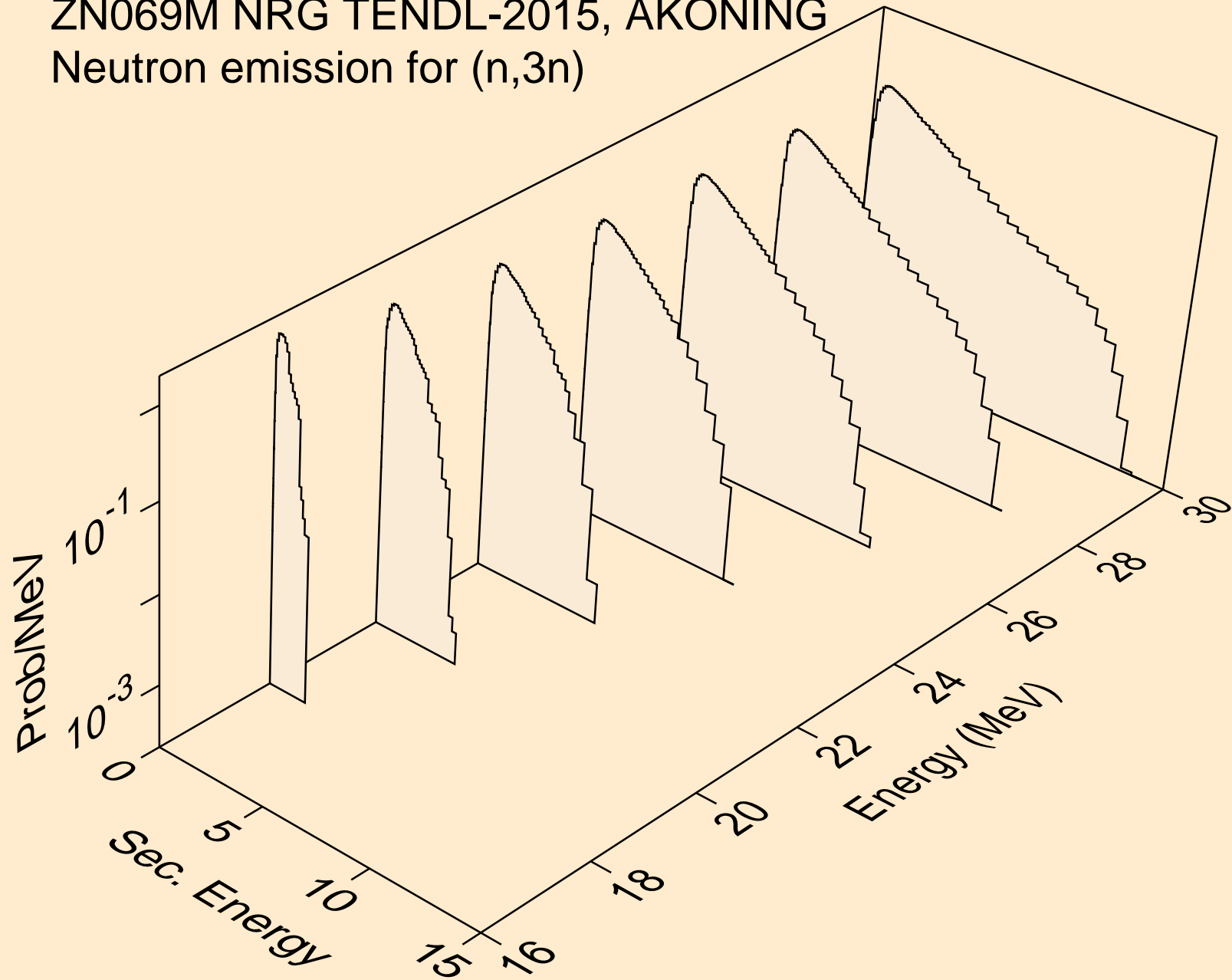


ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

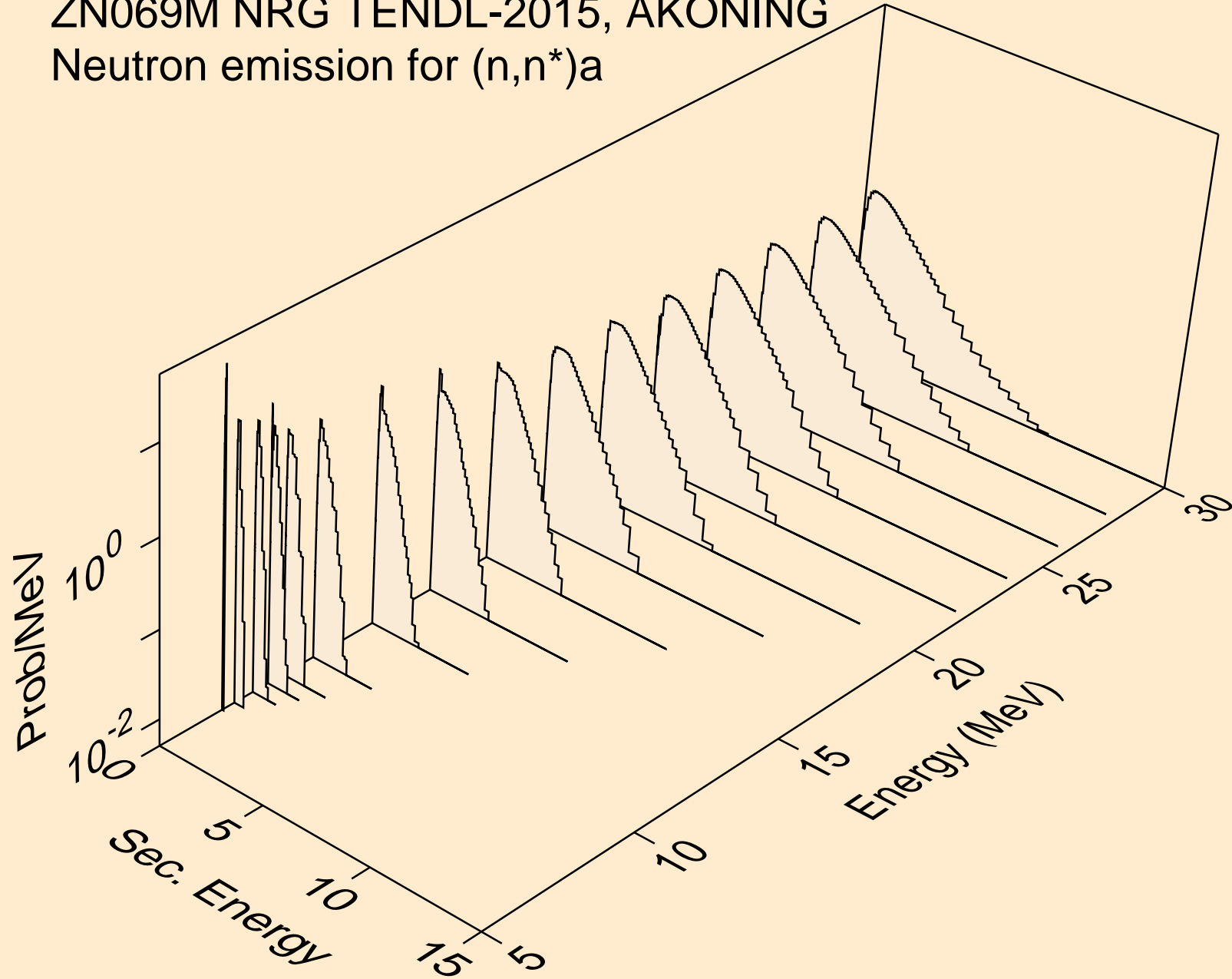




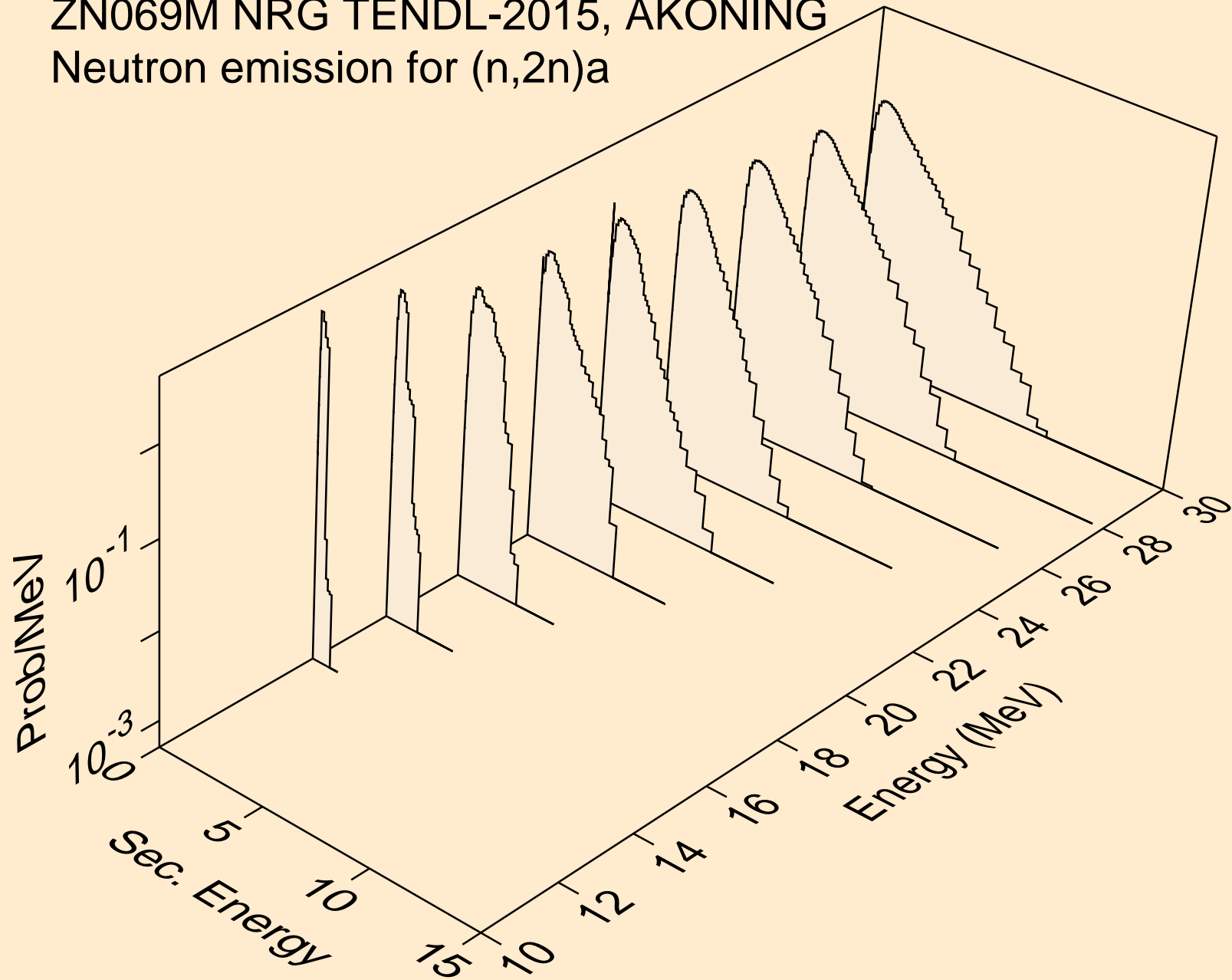
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



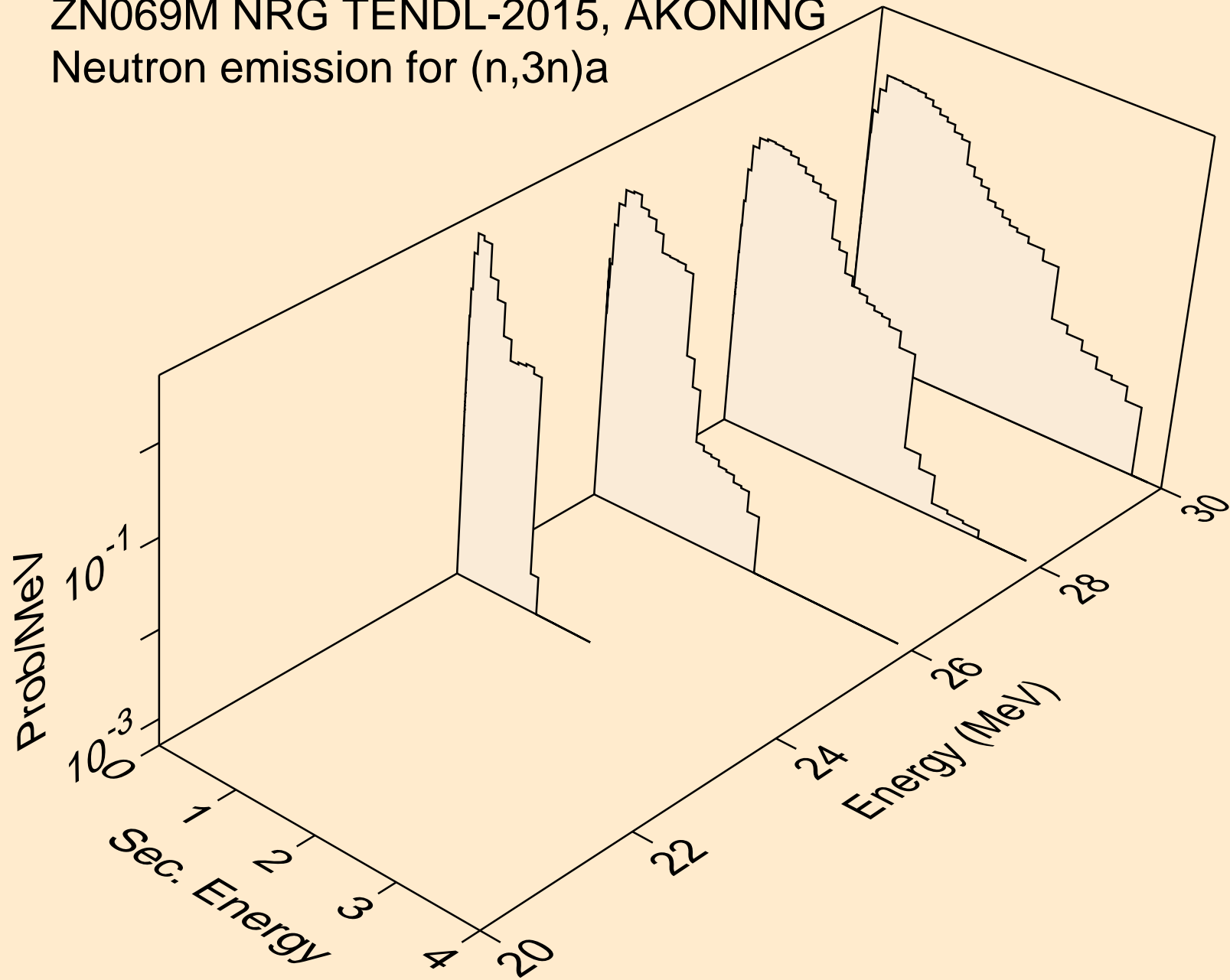
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



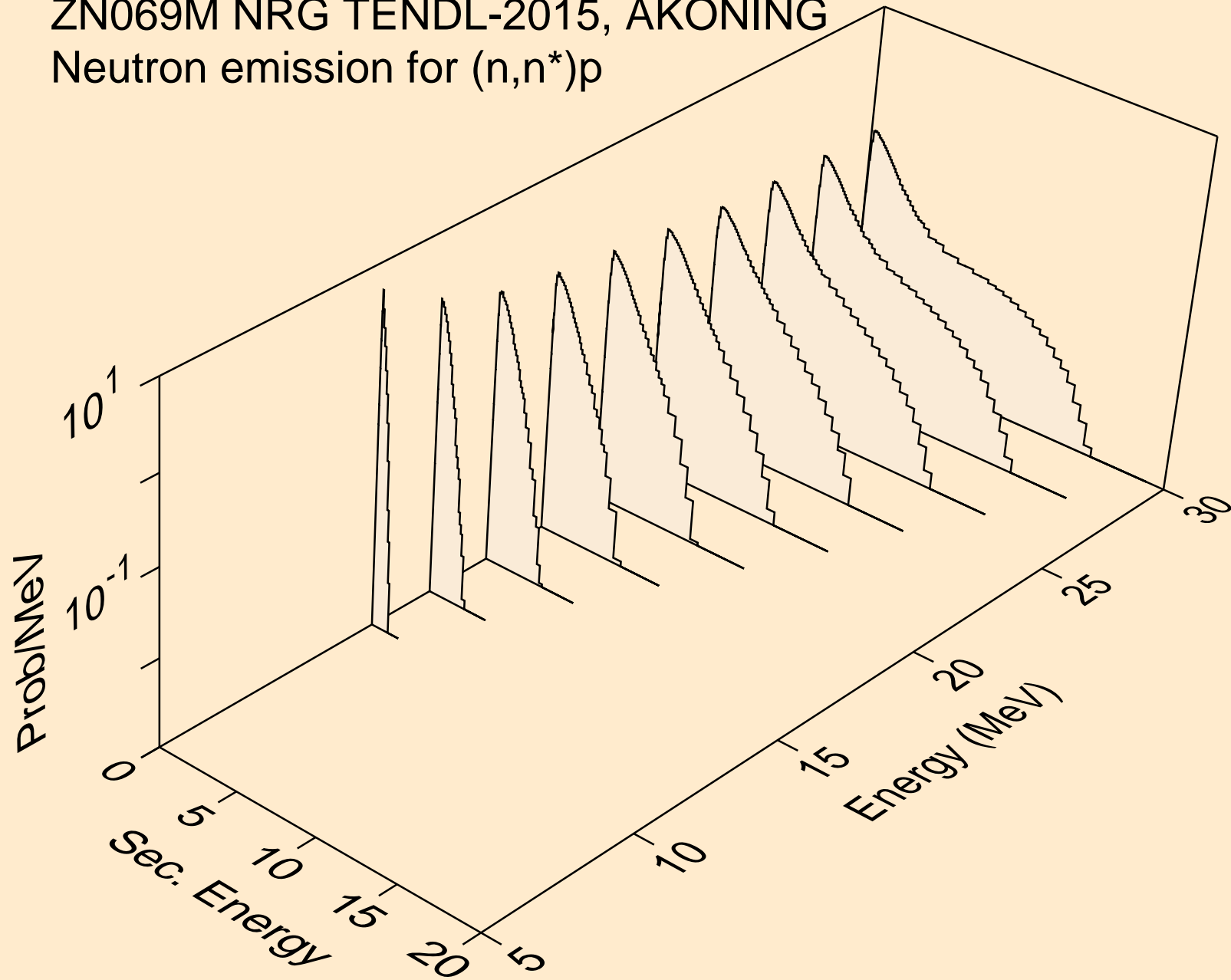
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



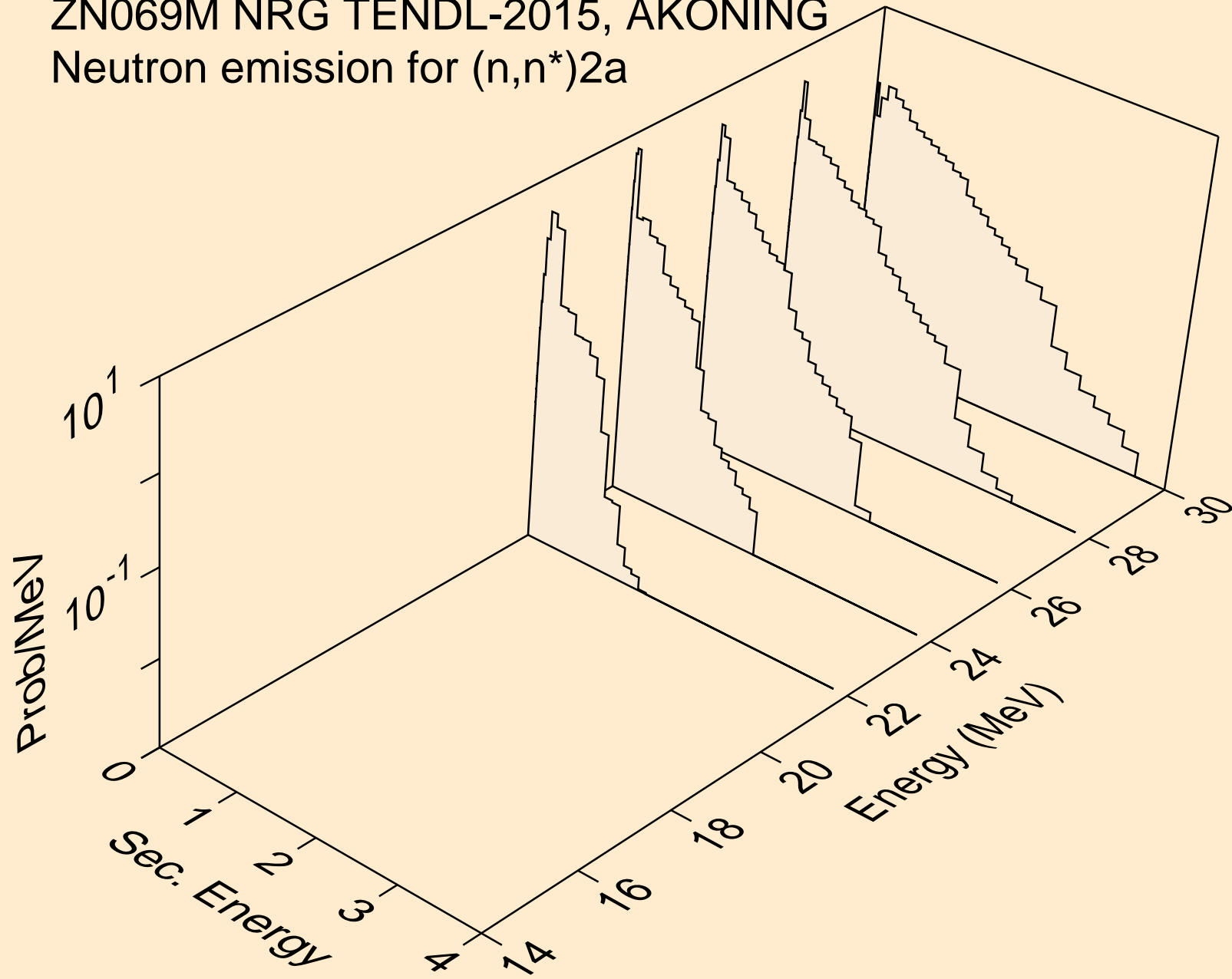
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



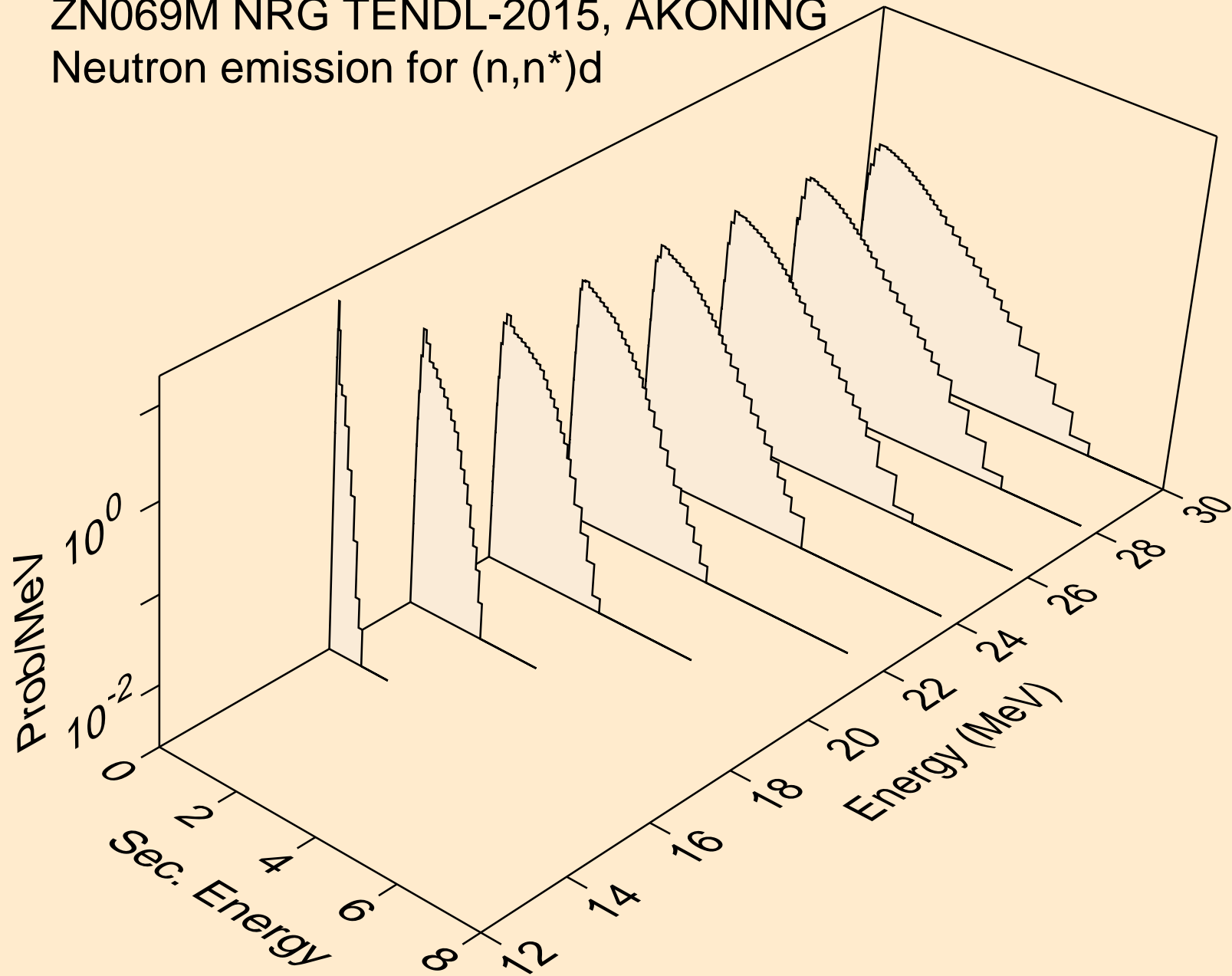
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Neutron emission for (n,n\*)p



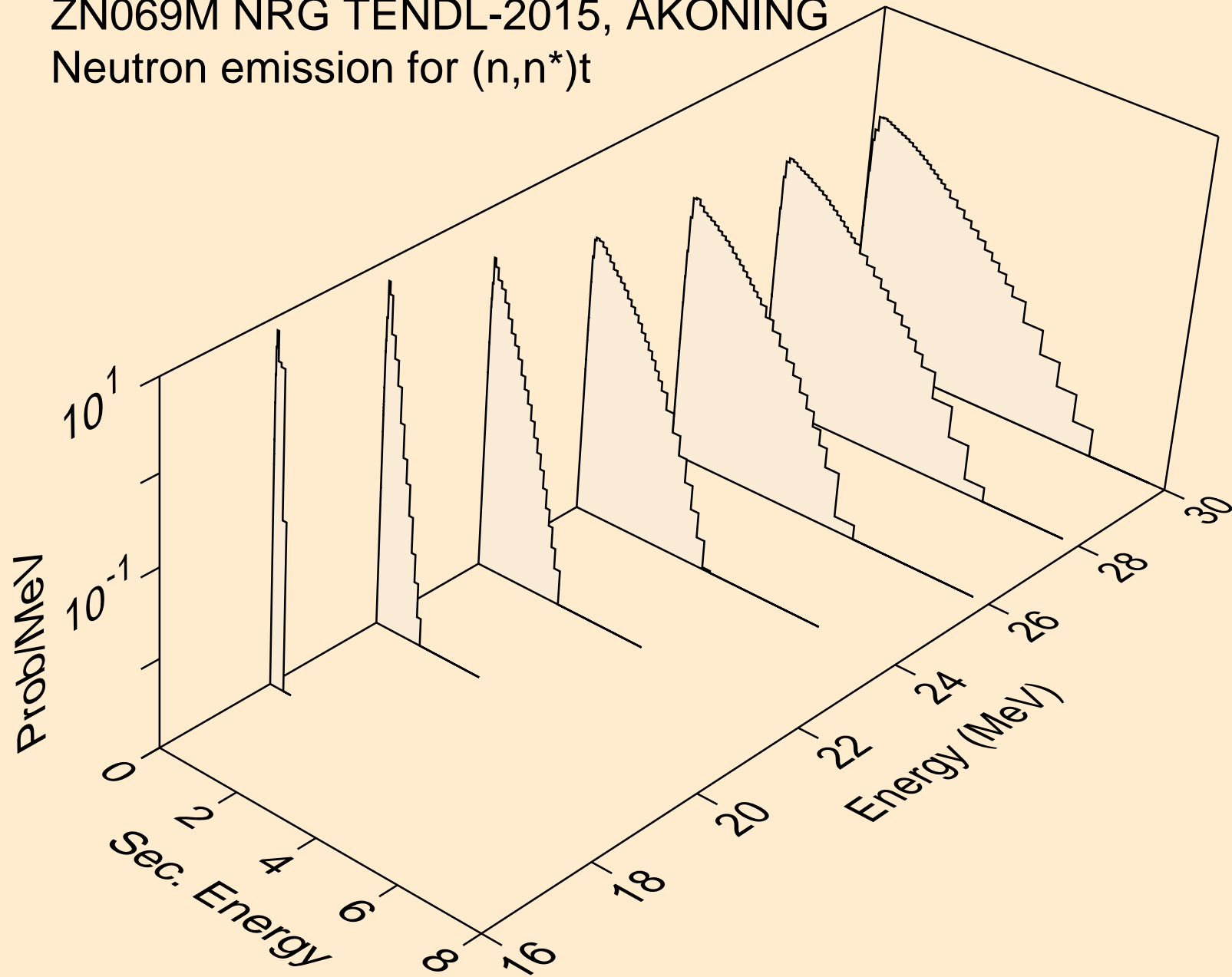
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

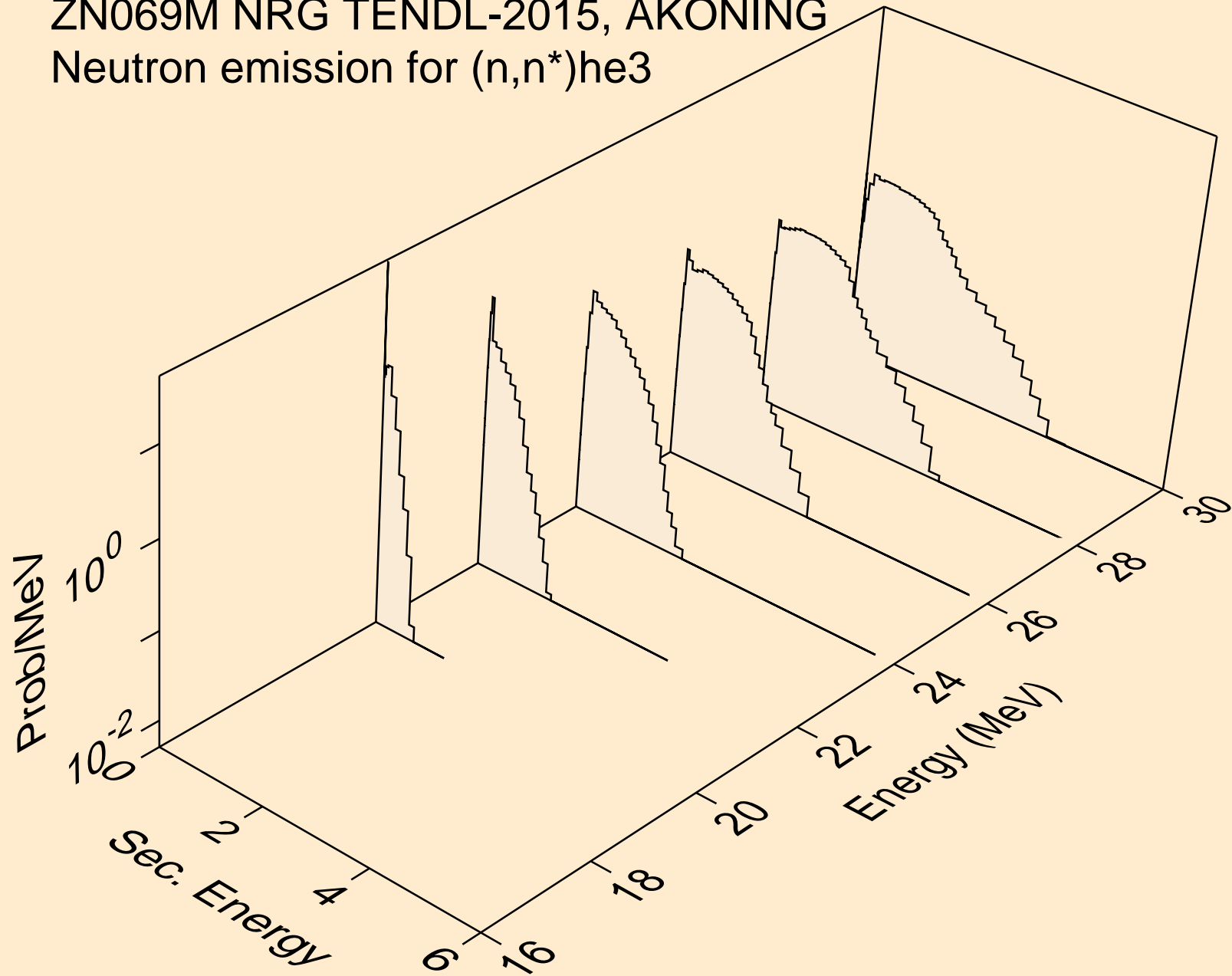


ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

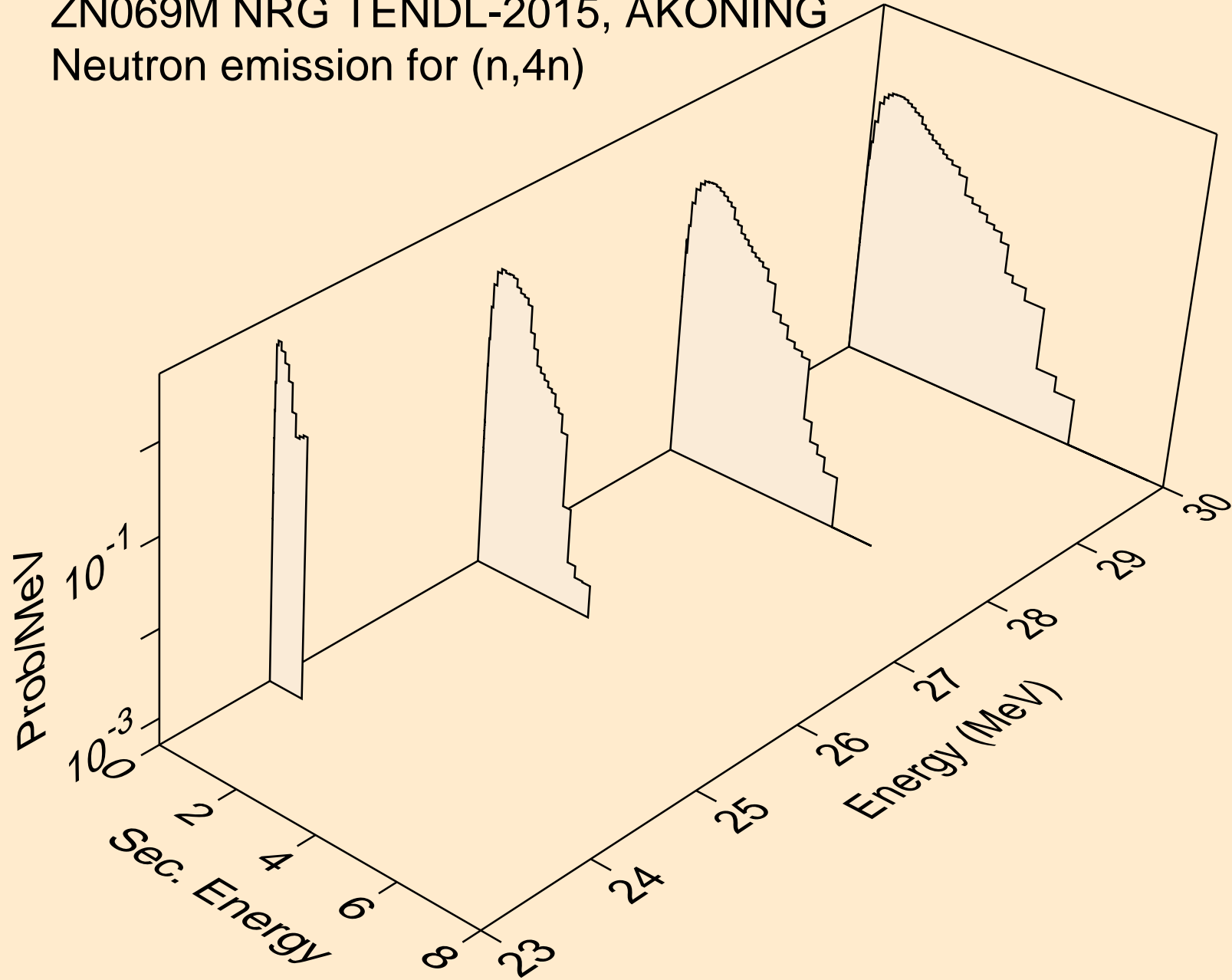




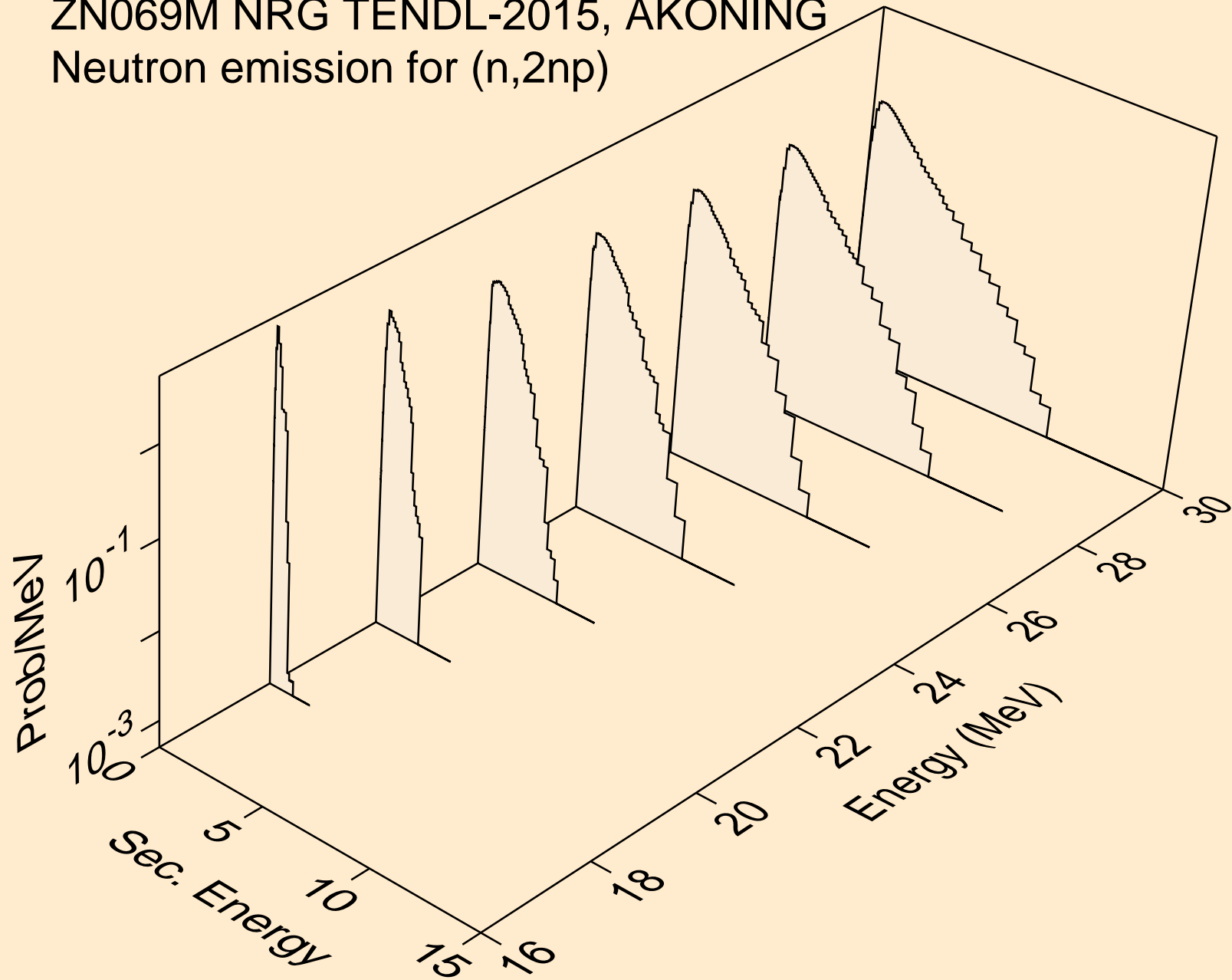
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



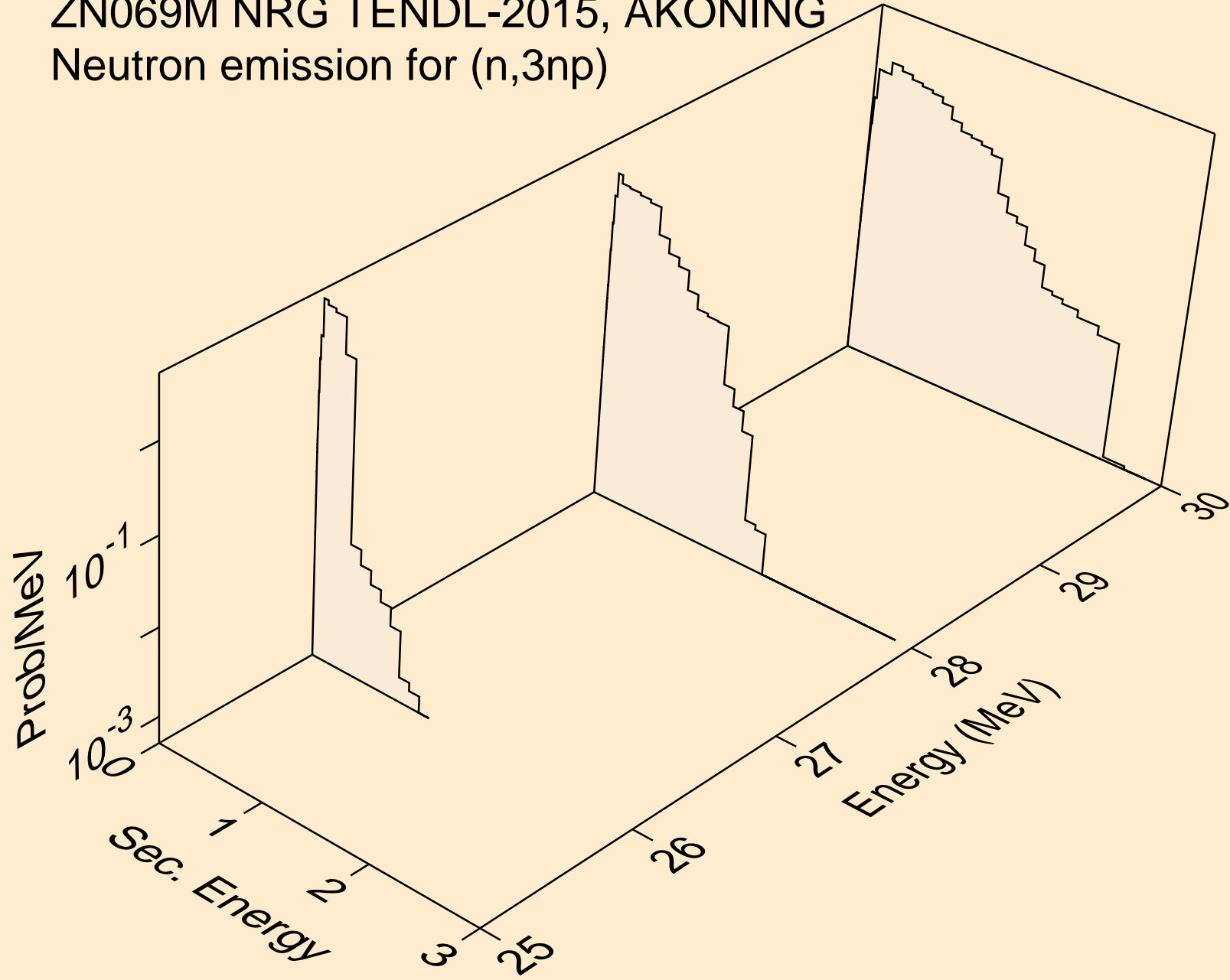
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



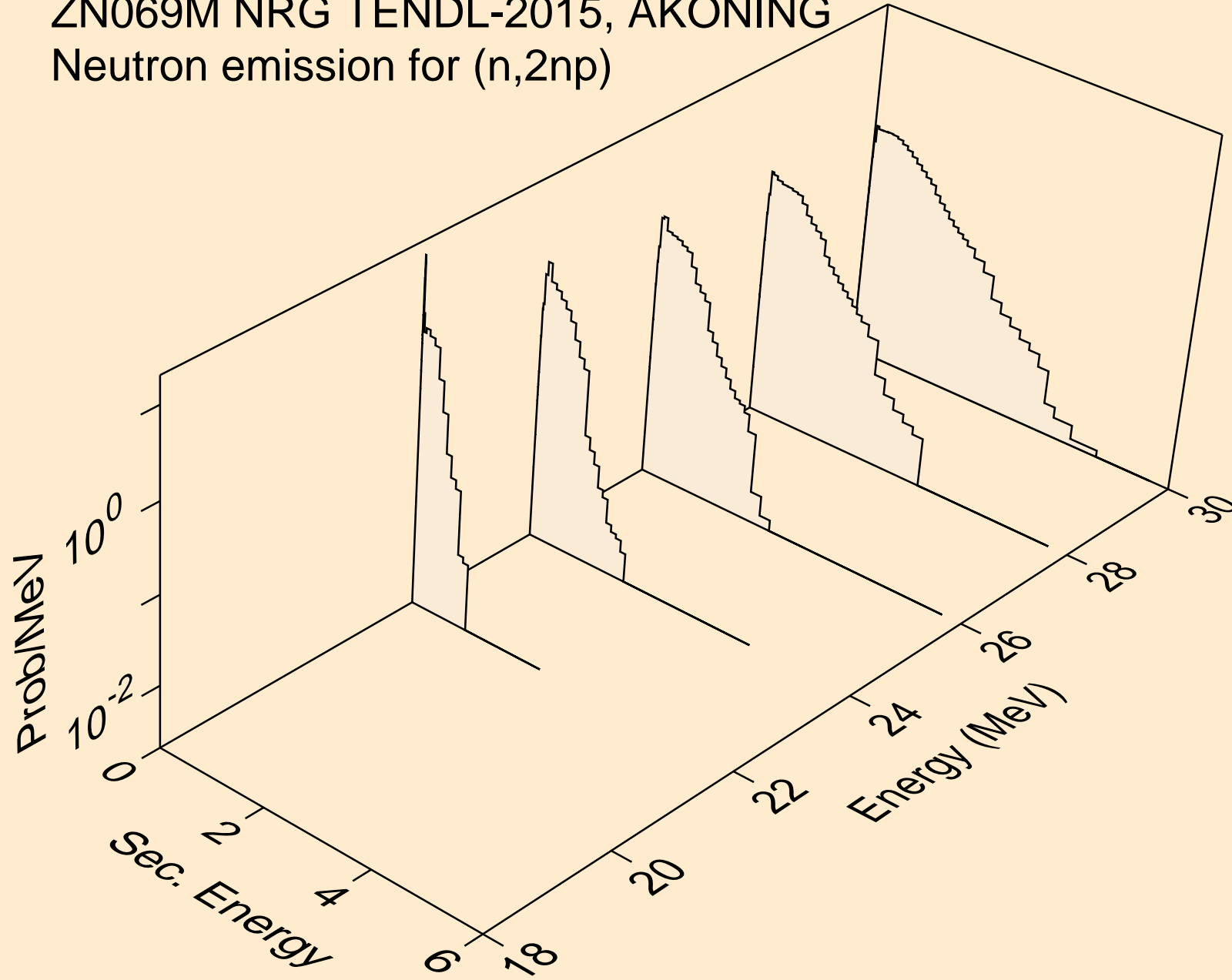
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



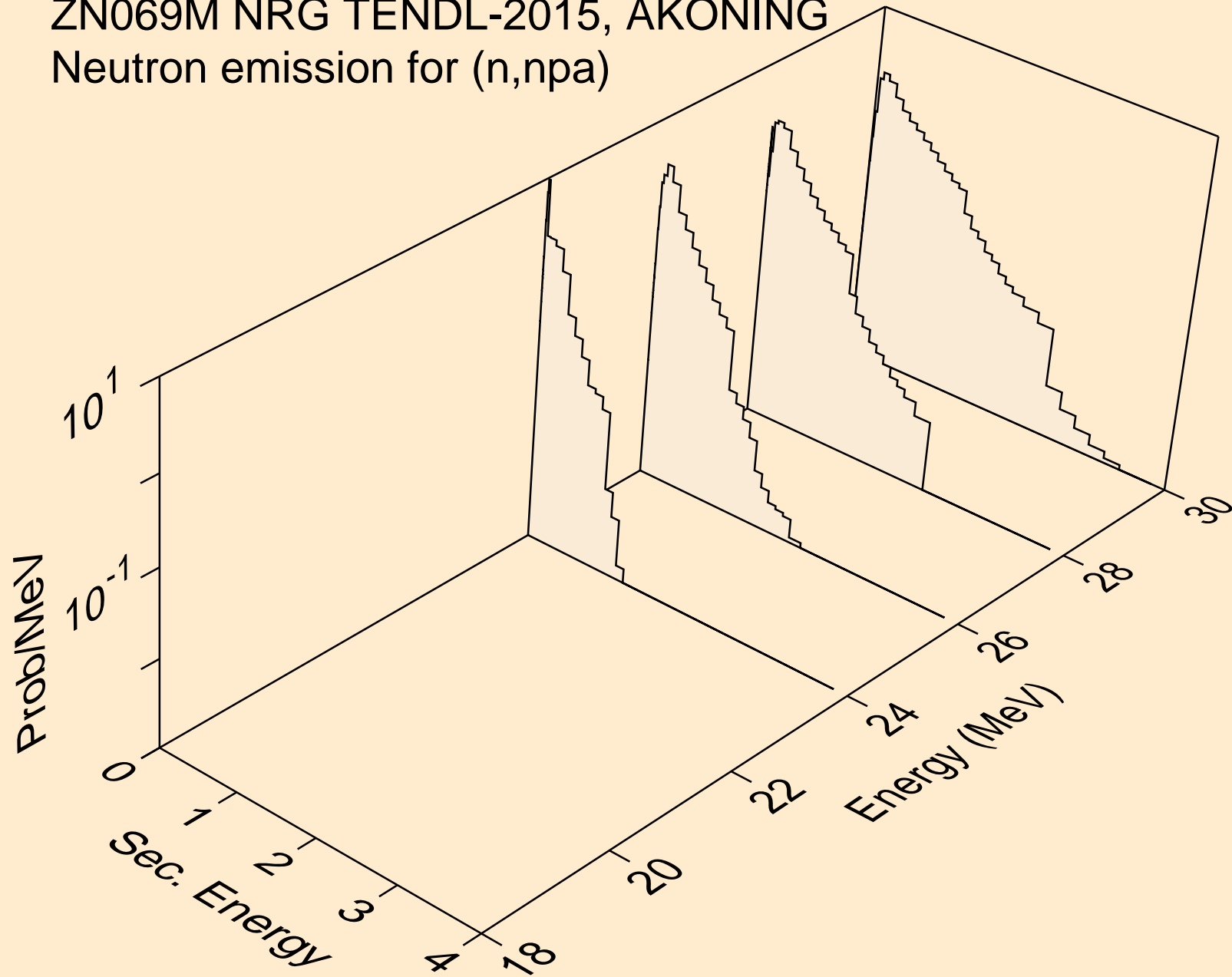
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



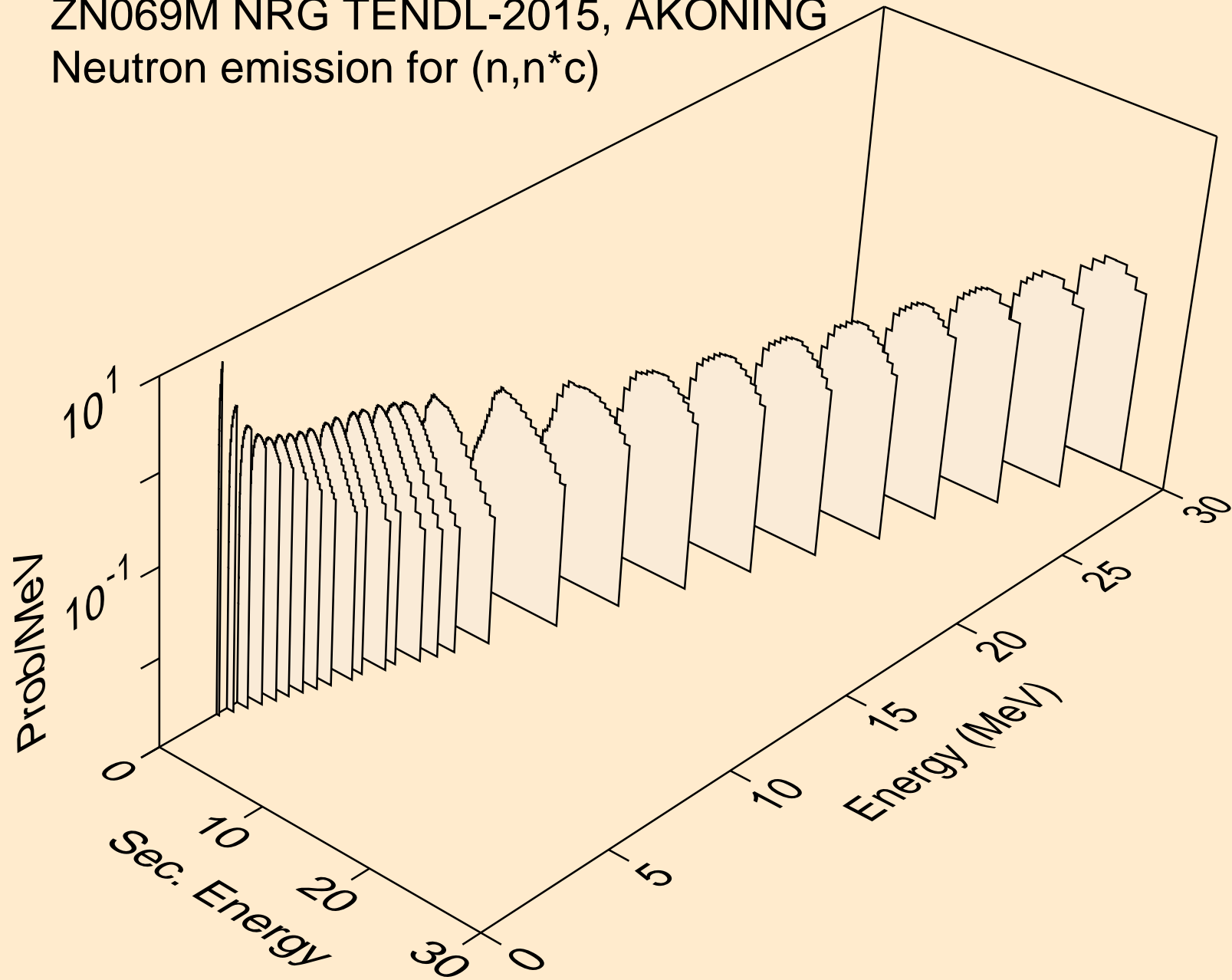
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



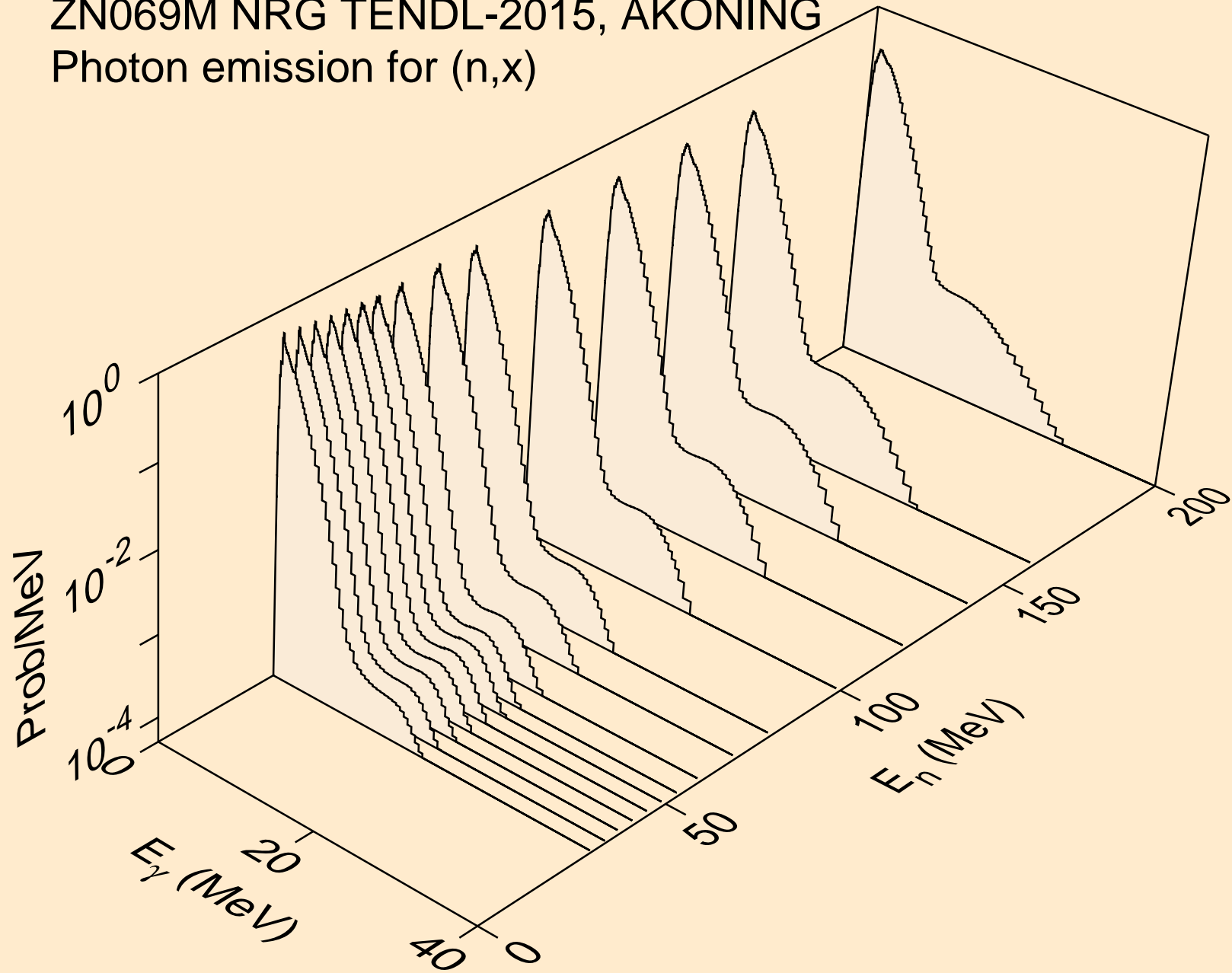
ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



ZN069M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

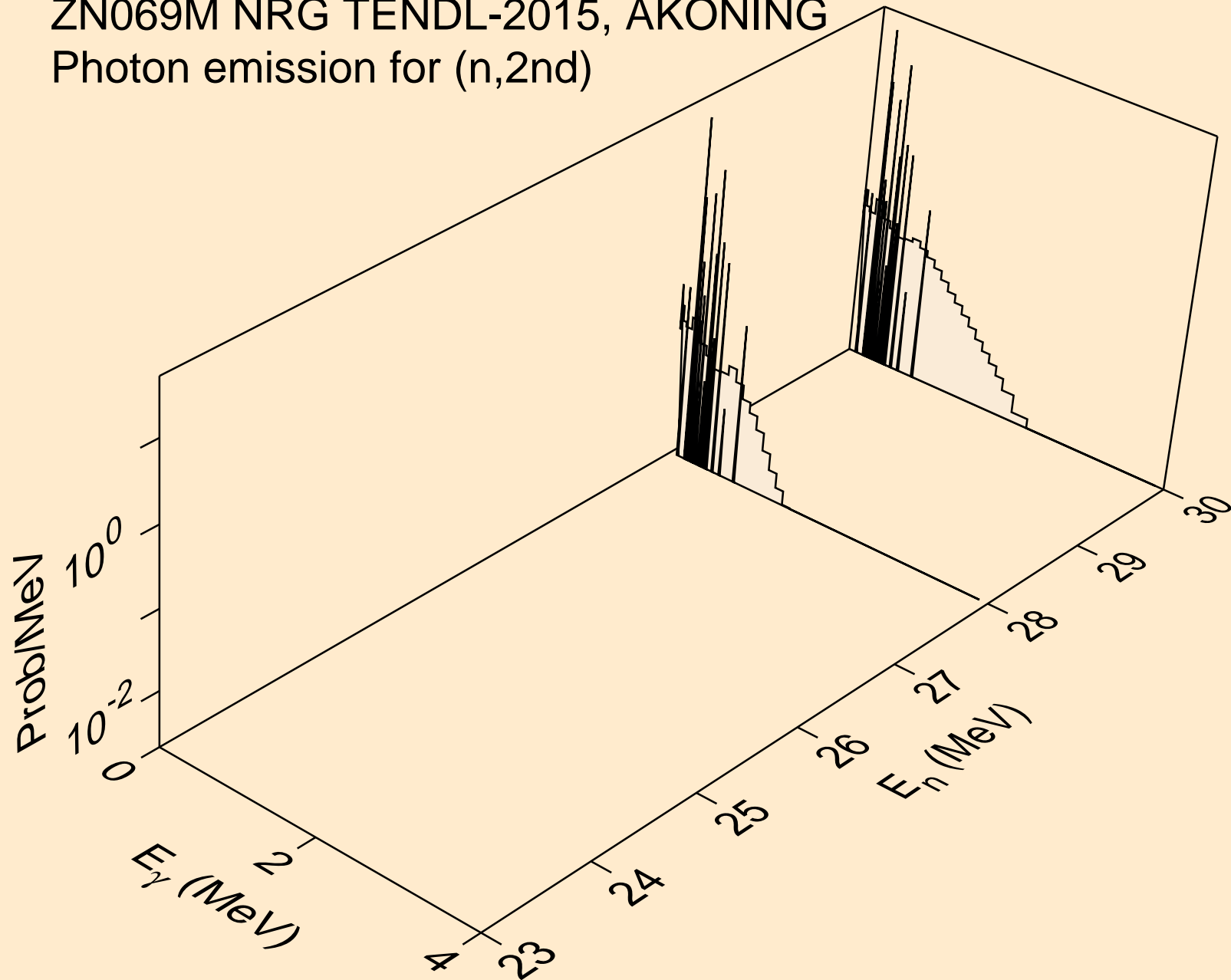


ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

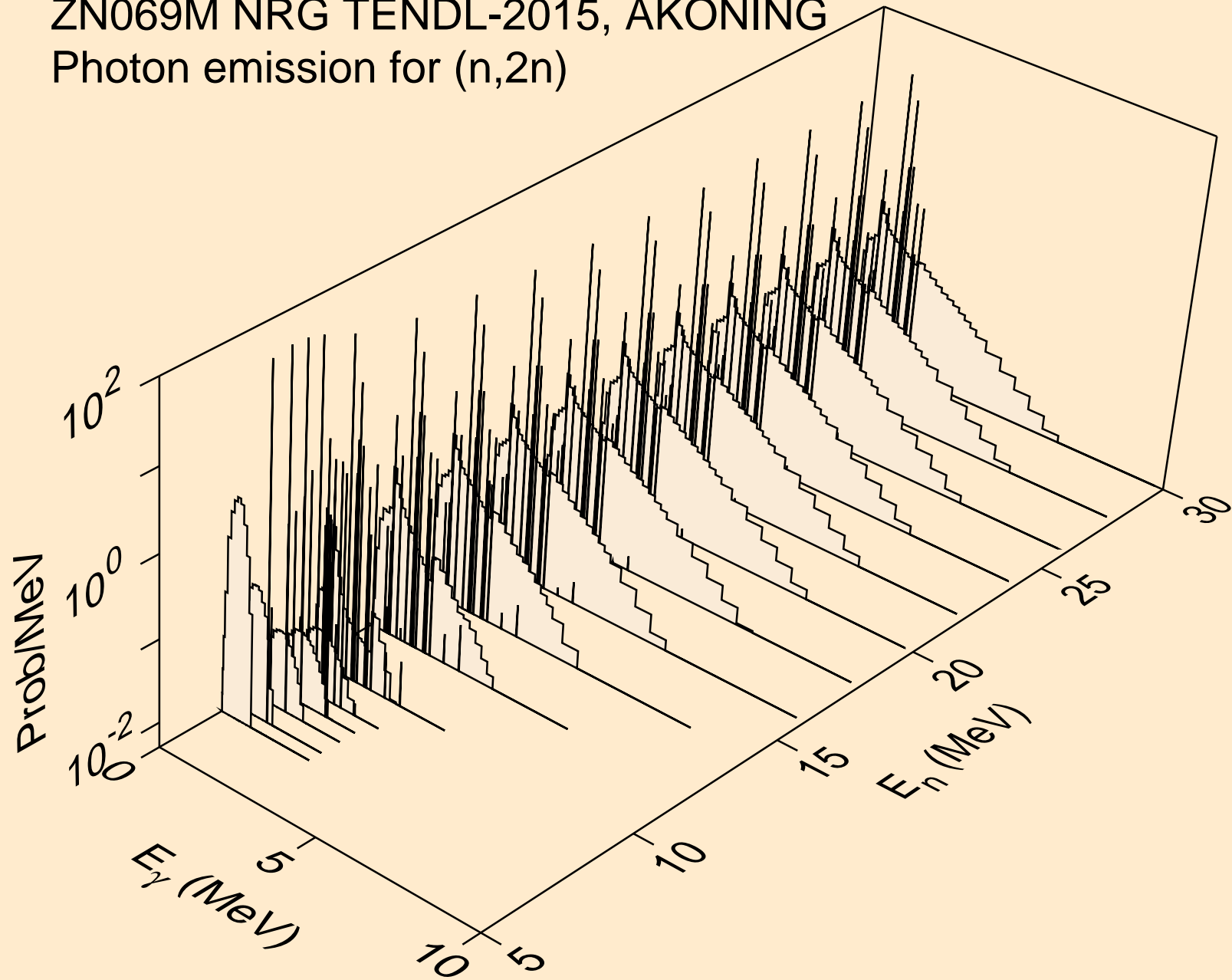




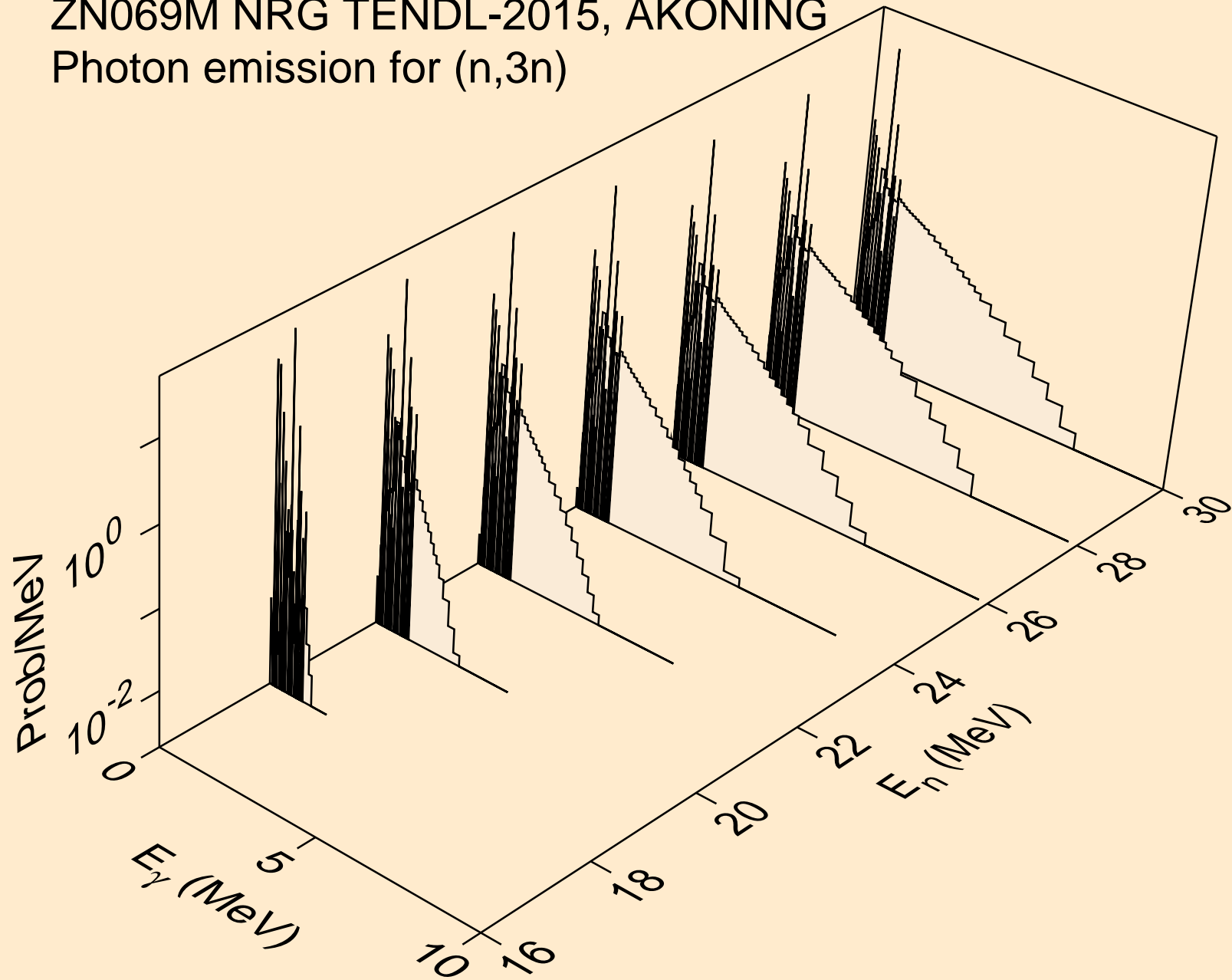
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Photon emission for (n,2nd)



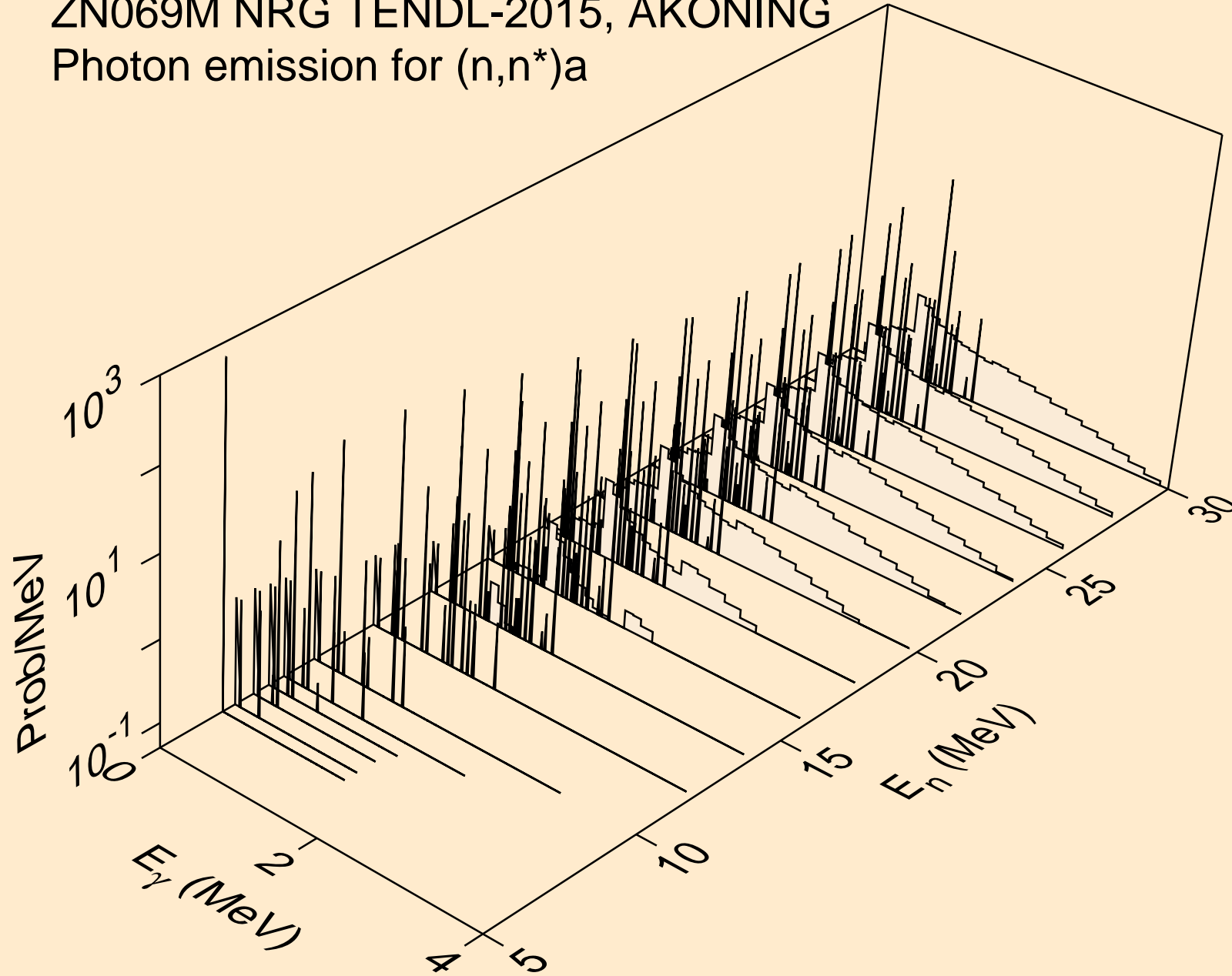
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Photon emission for (n,2n)



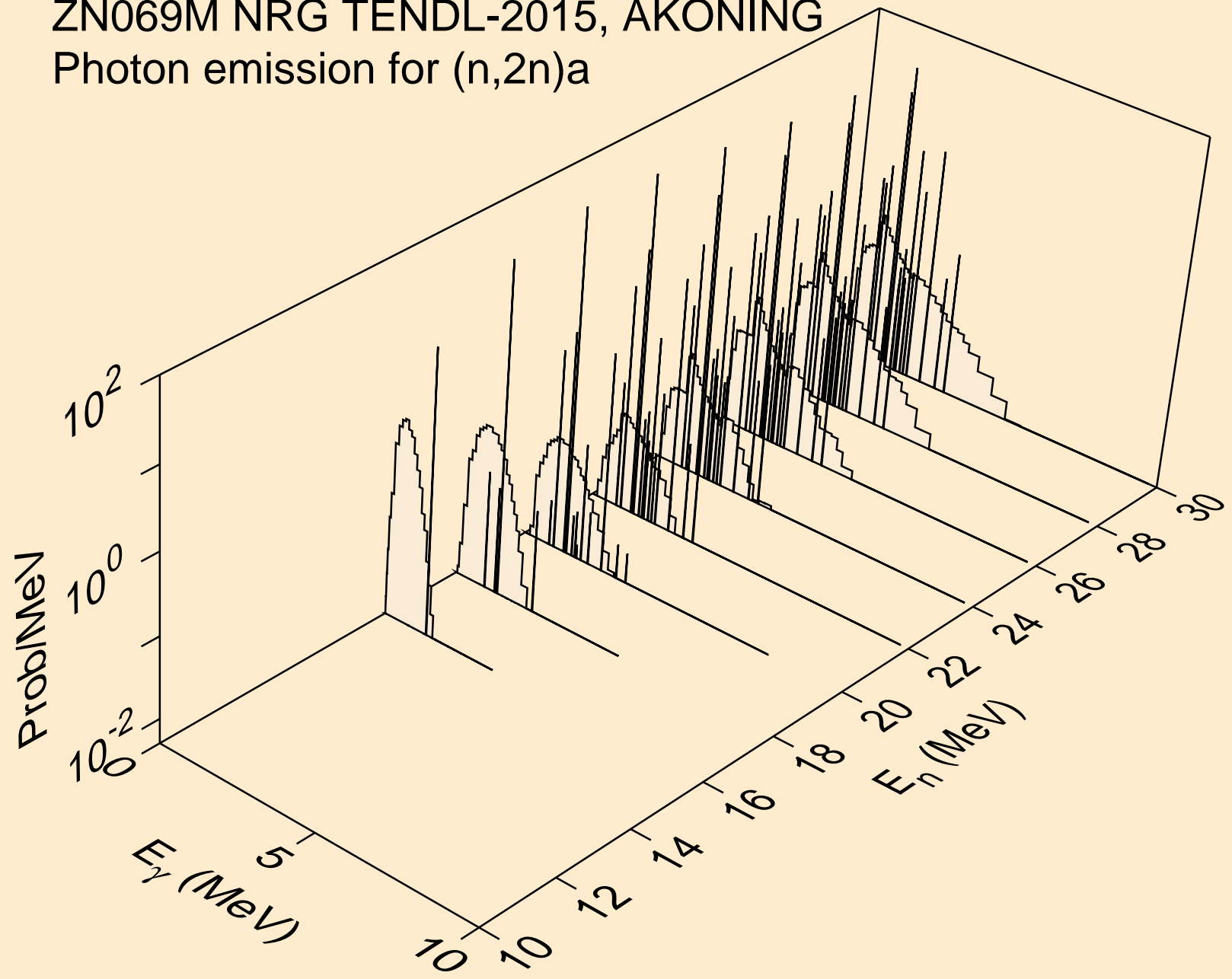
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Photon emission for (n,3n)



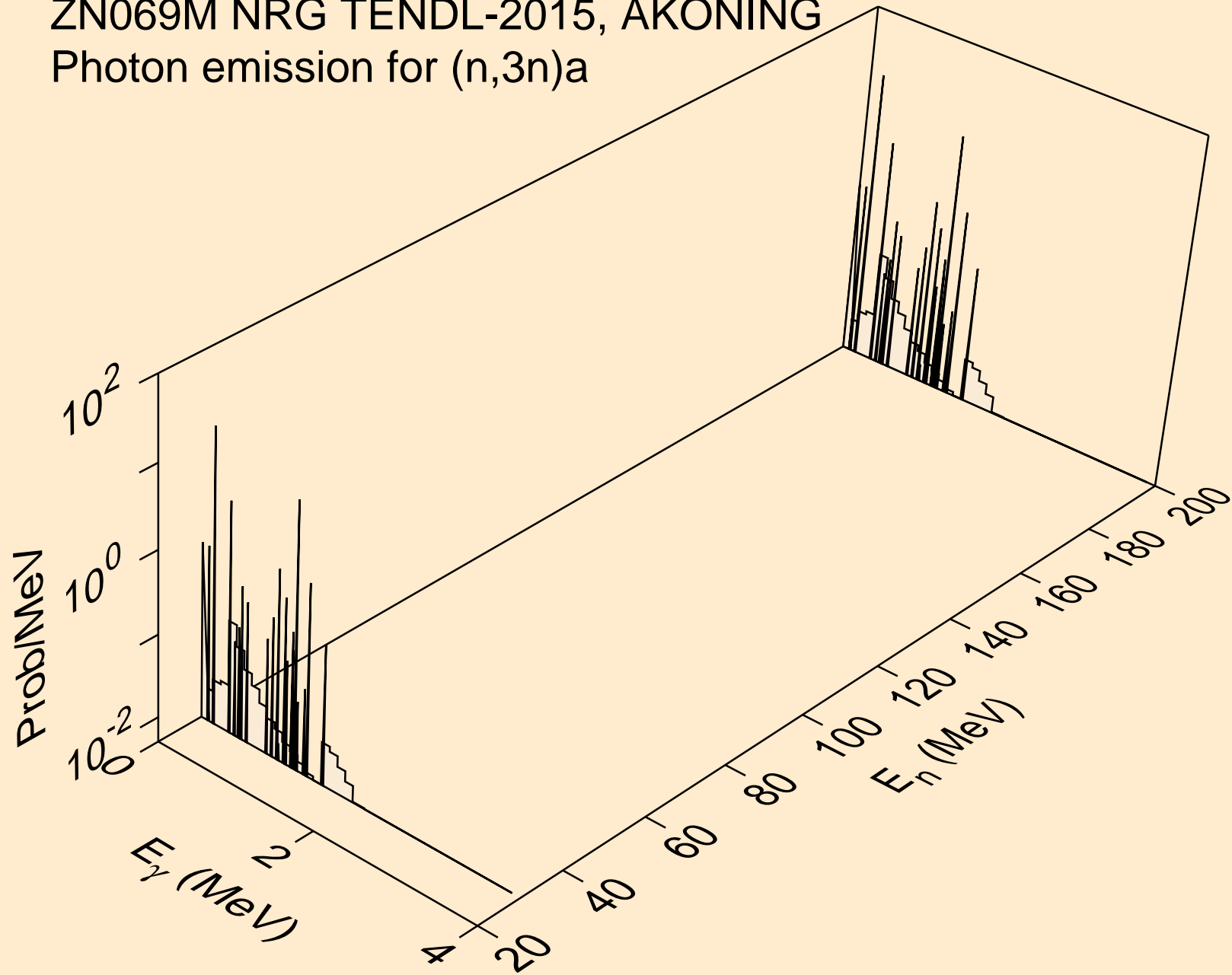
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Photon emission for (n,n\*)a



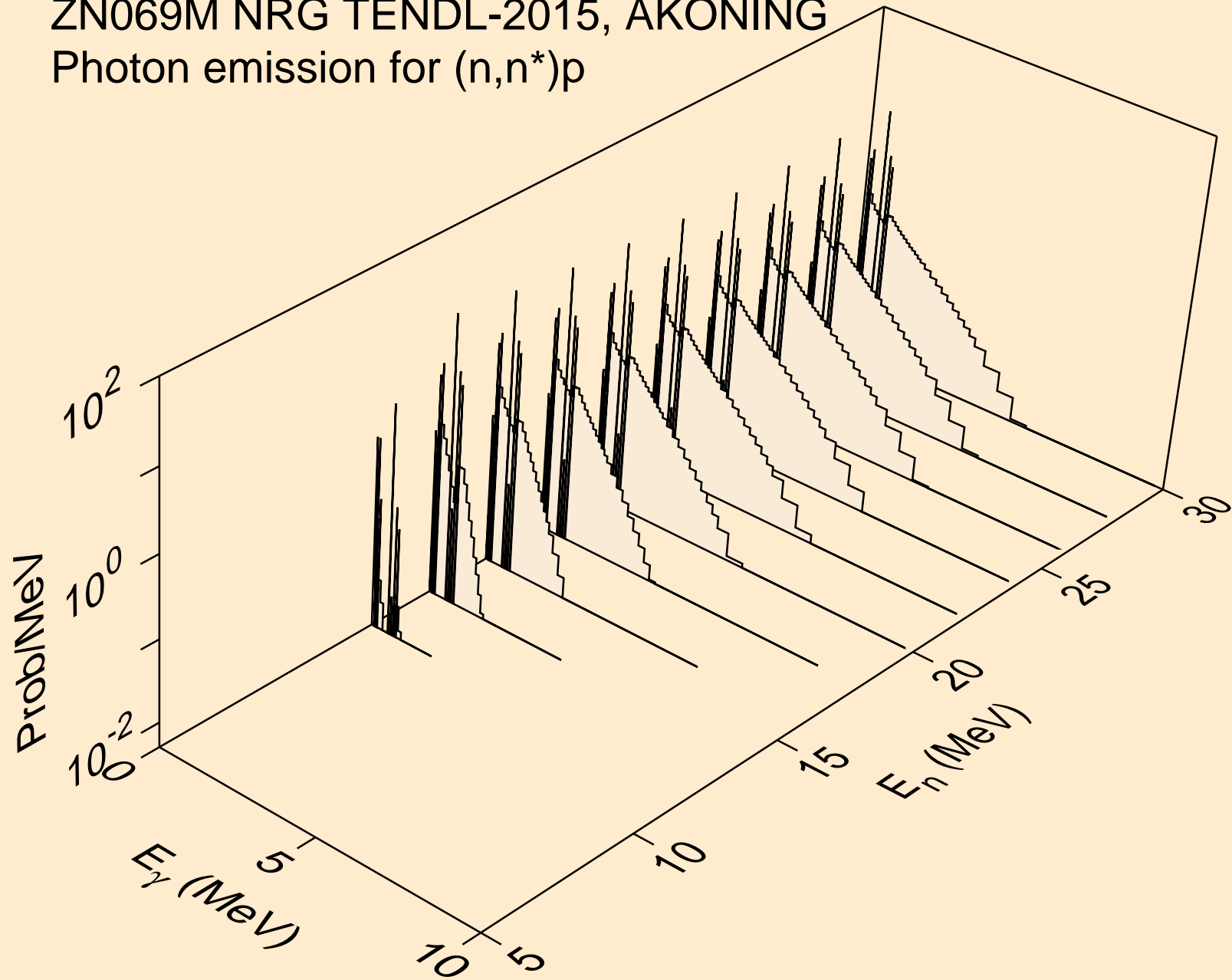
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Photon emission for (n,2n)a



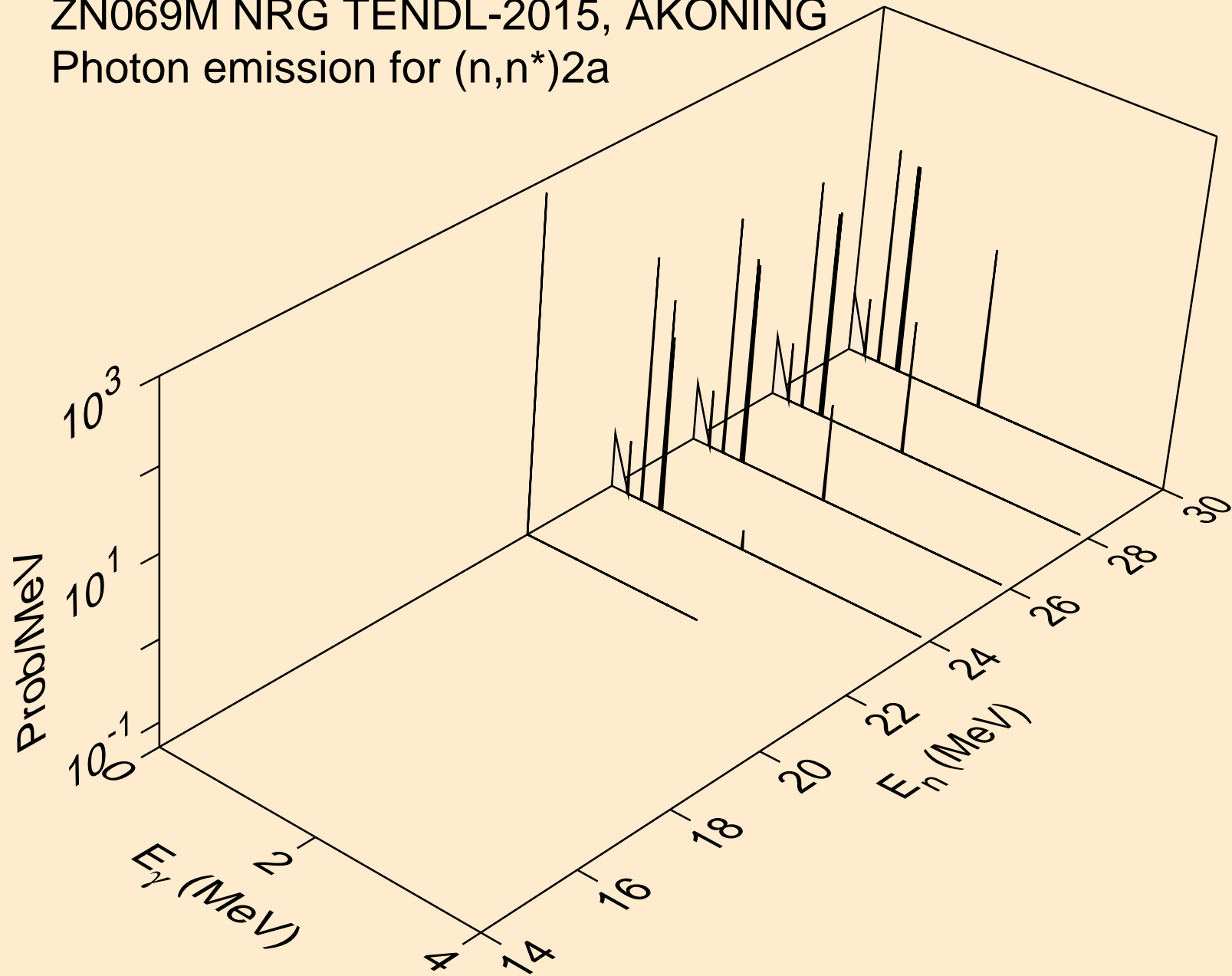
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Photon emission for (n,3n)a



ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

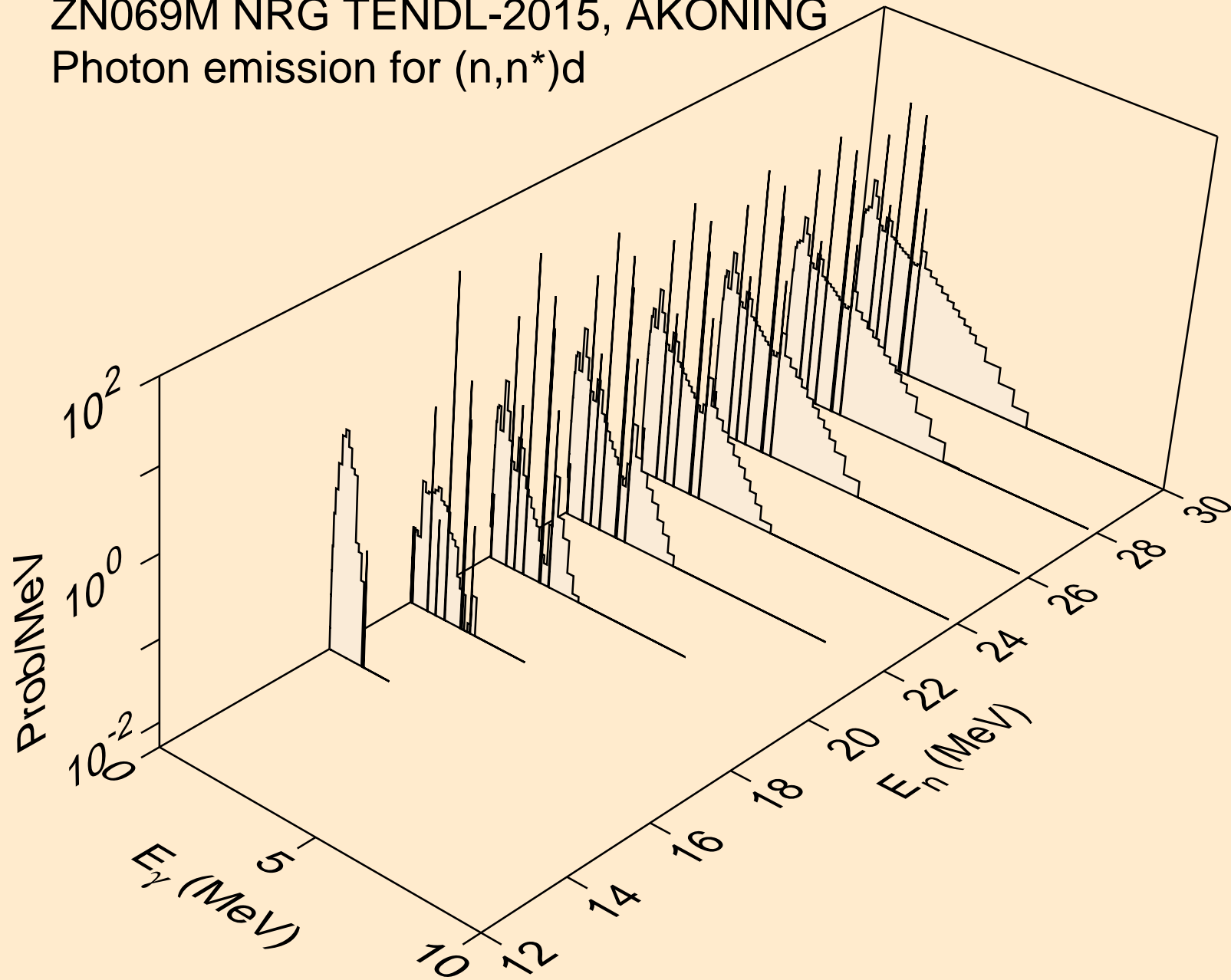


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Photon emission for (n,n\*)2a

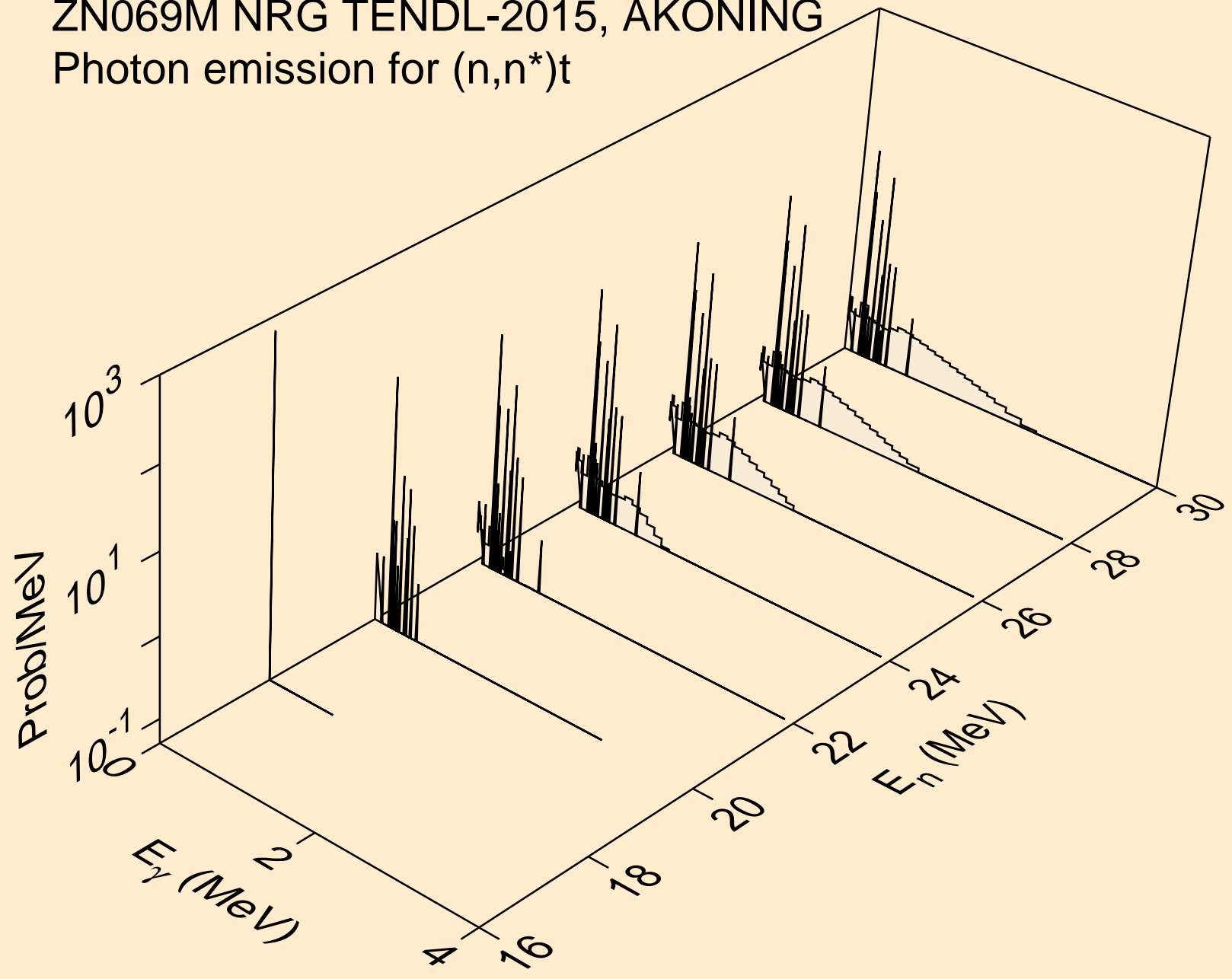




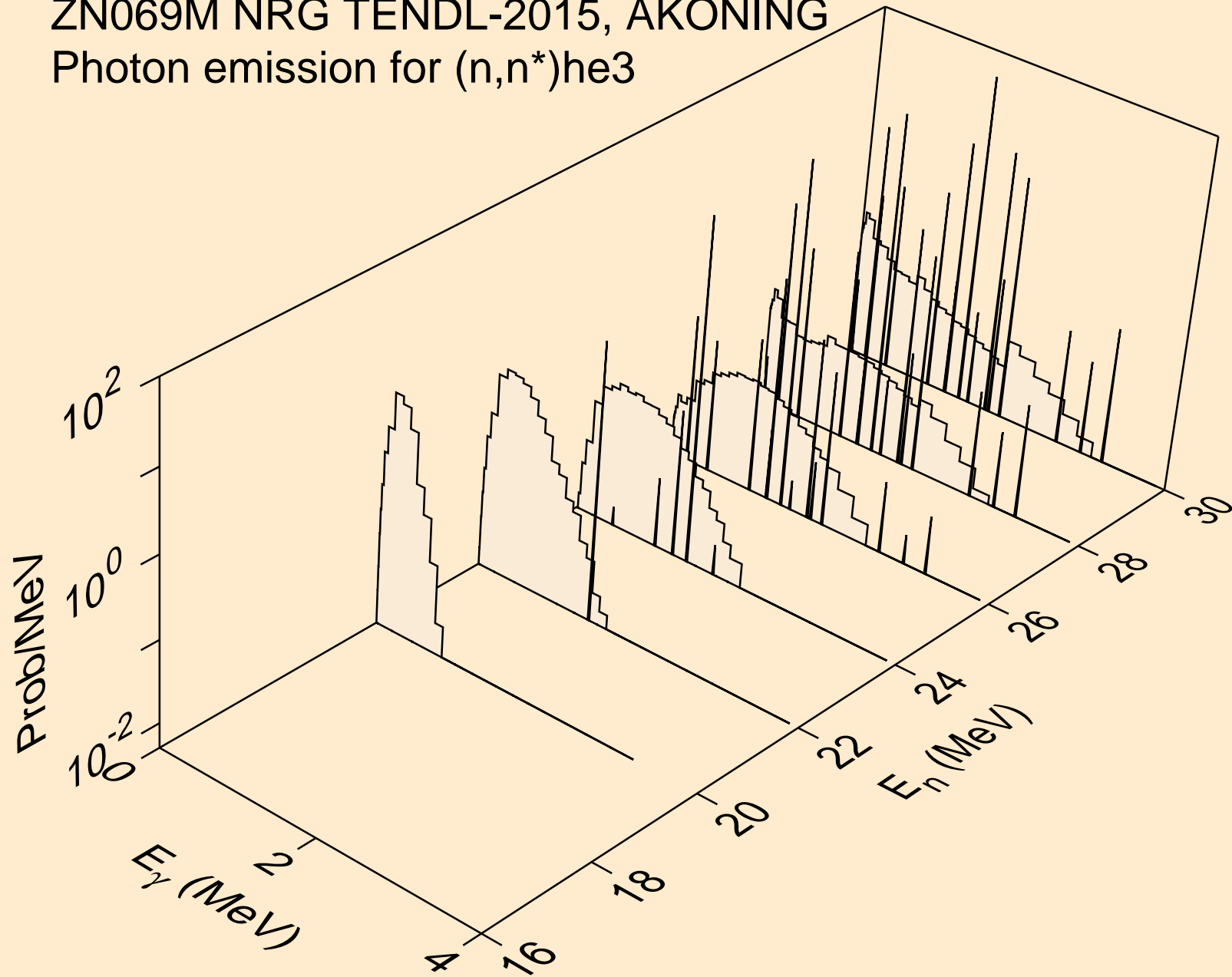
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Photon emission for (n,n\*)d



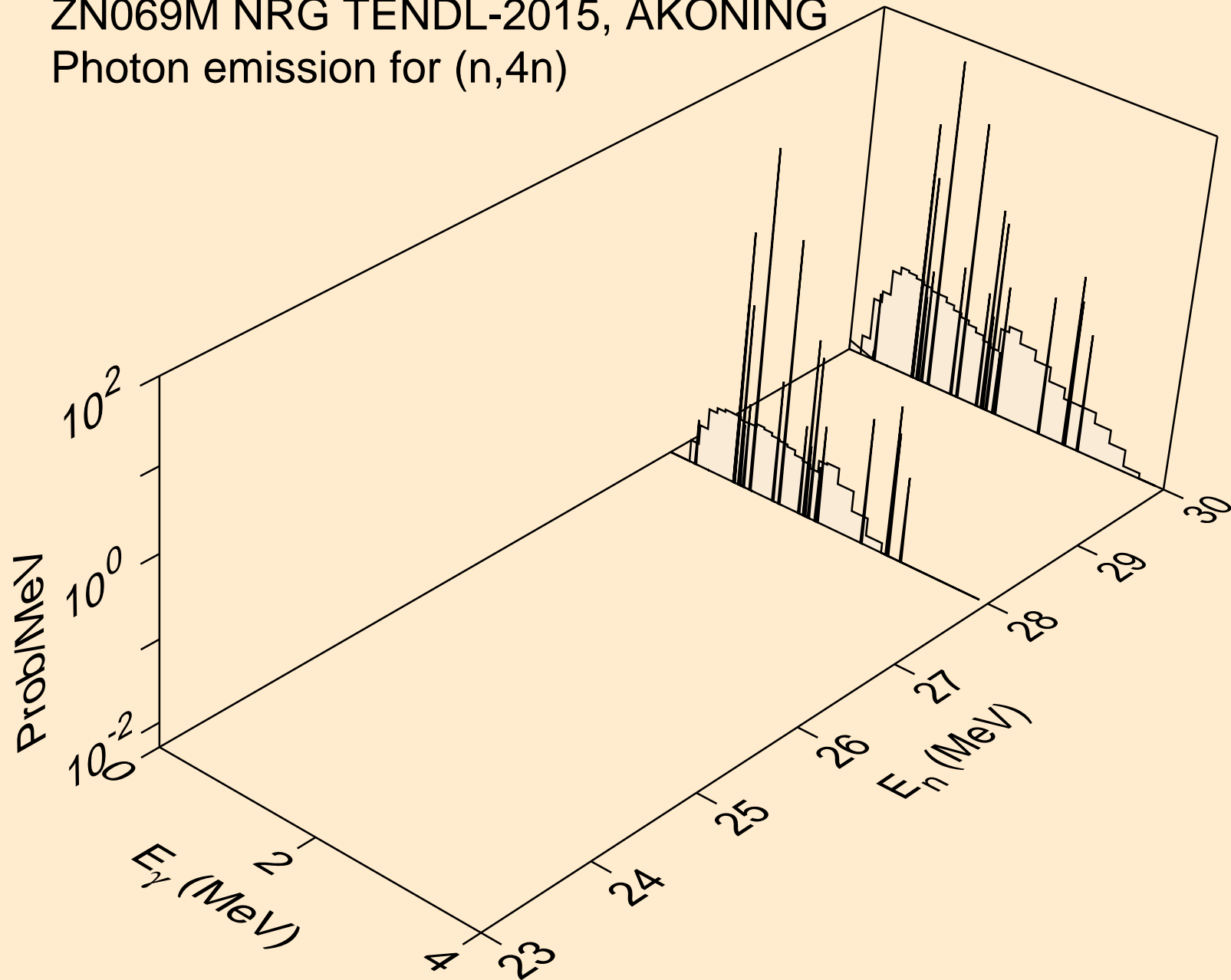
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Photon emission for (n,n\*)t



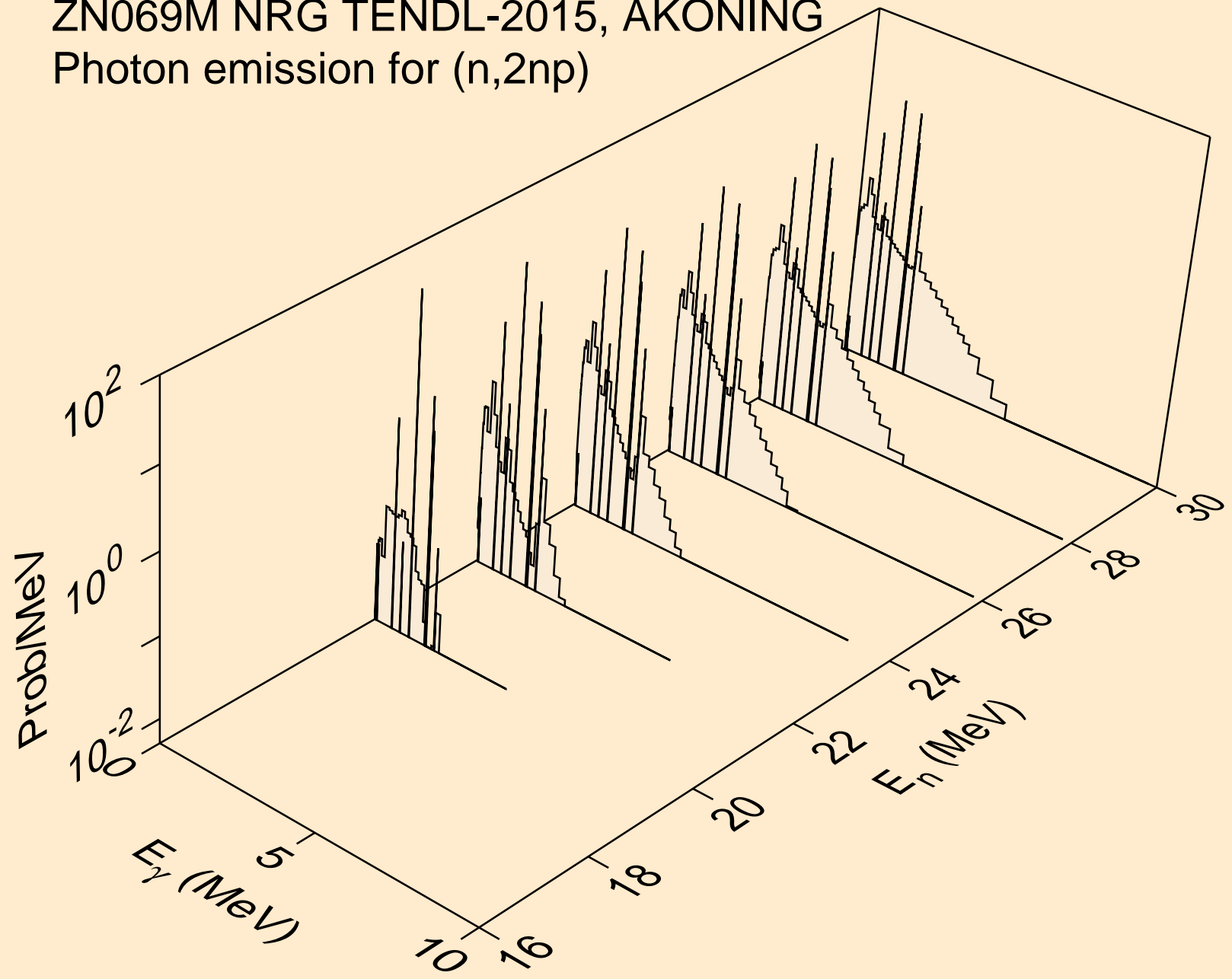
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Photon emission for (n,n\*)he3



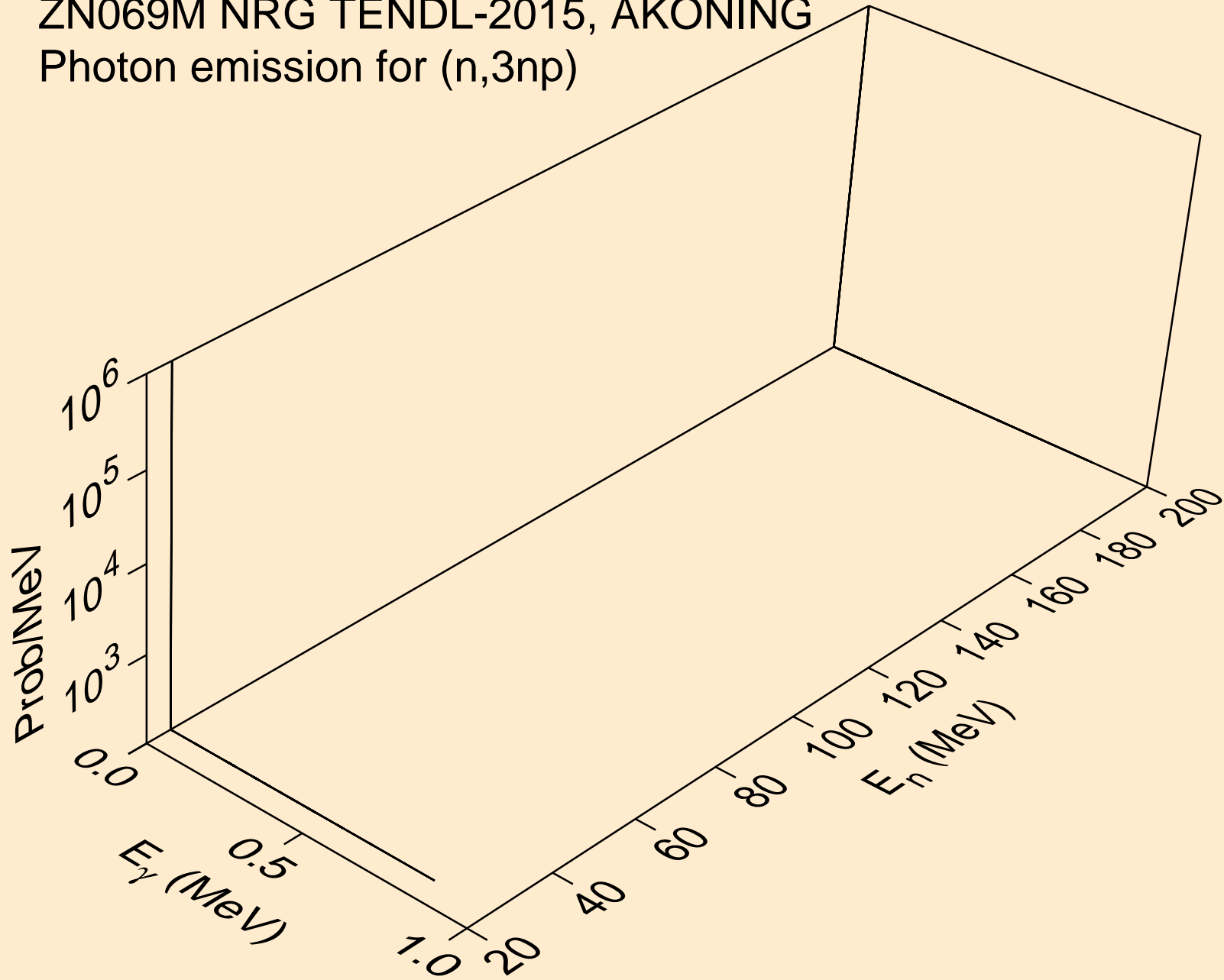
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Photon emission for (n,4n)



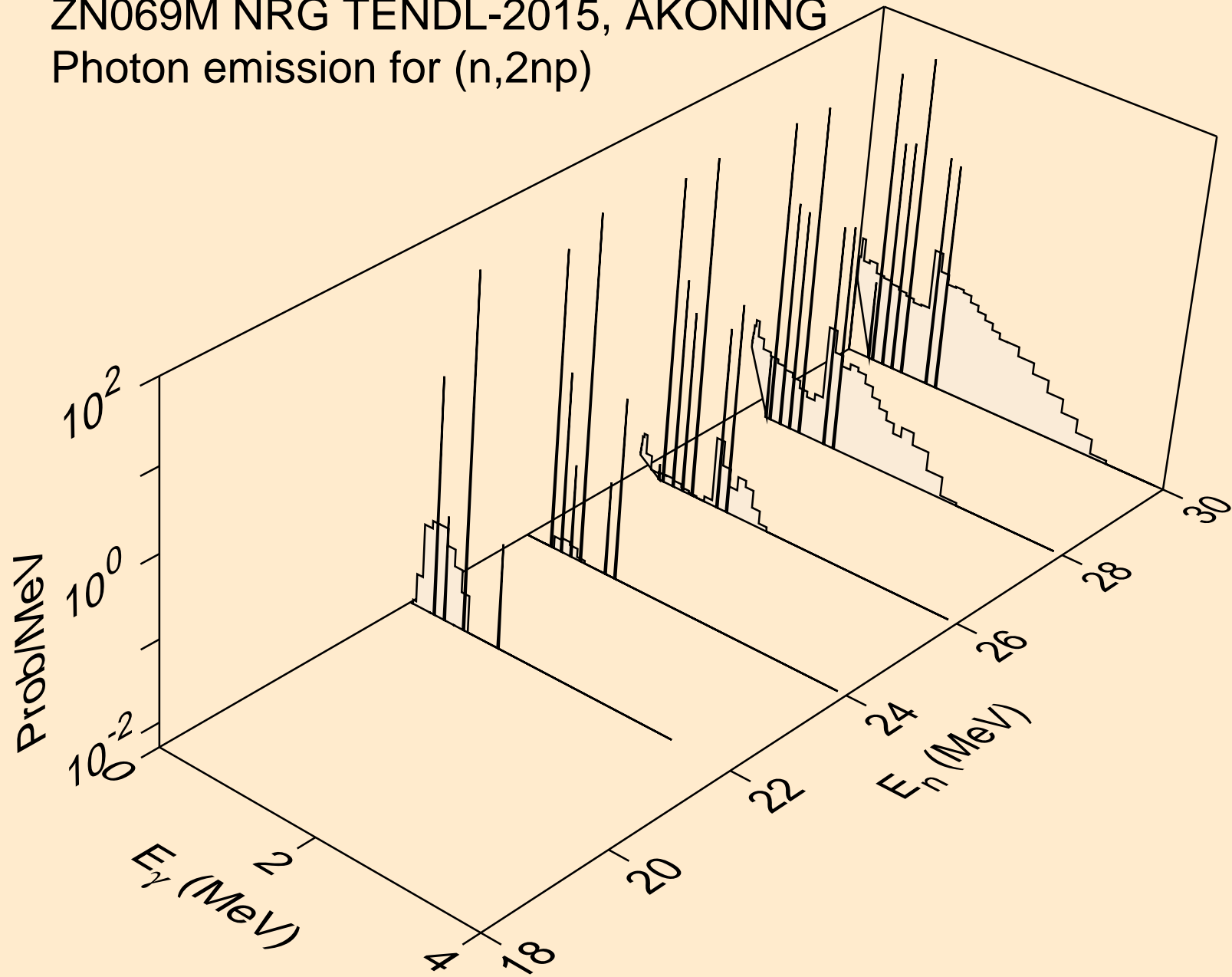
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Photon emission for (n,2np)



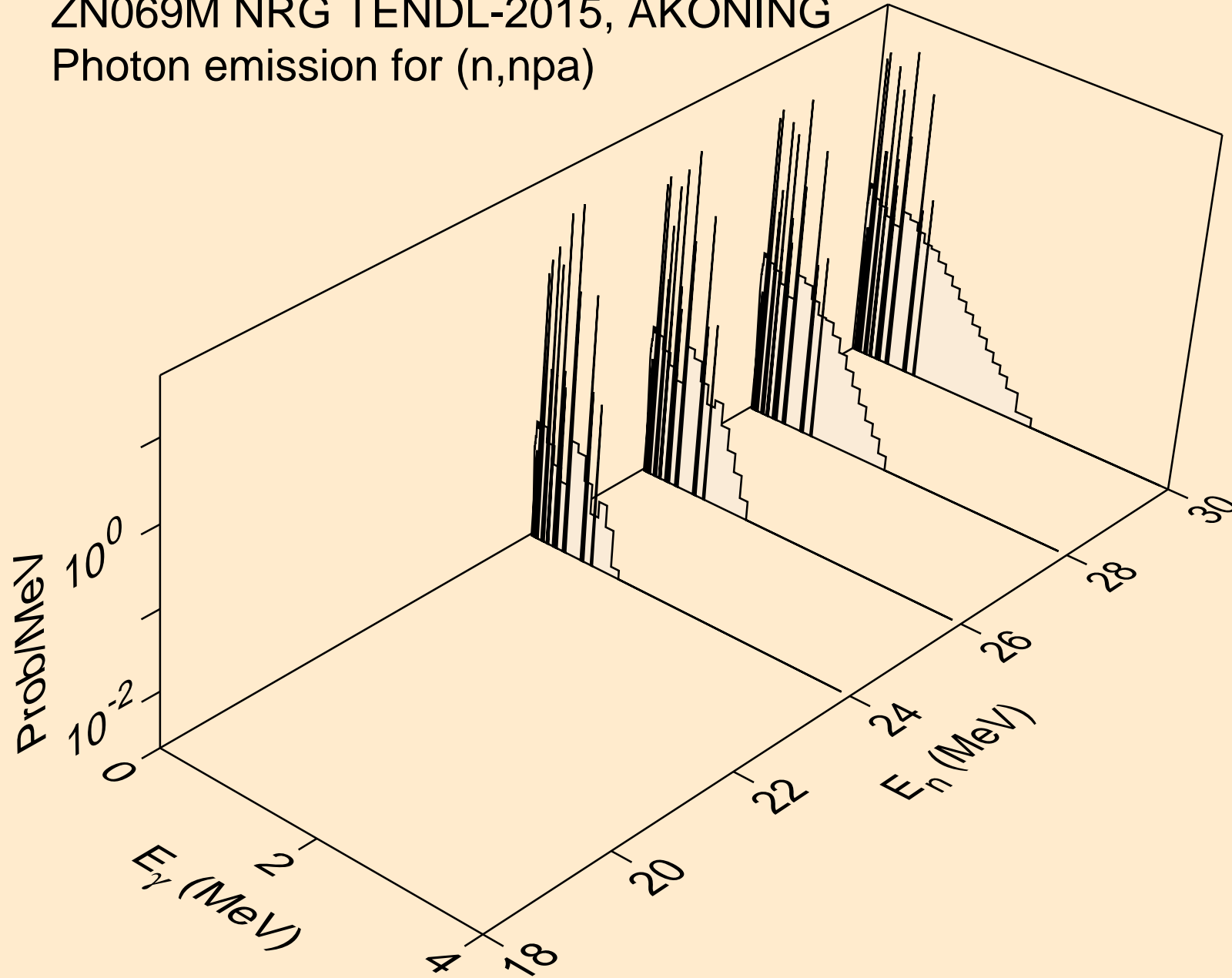
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Photon emission for (n,3np)



ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

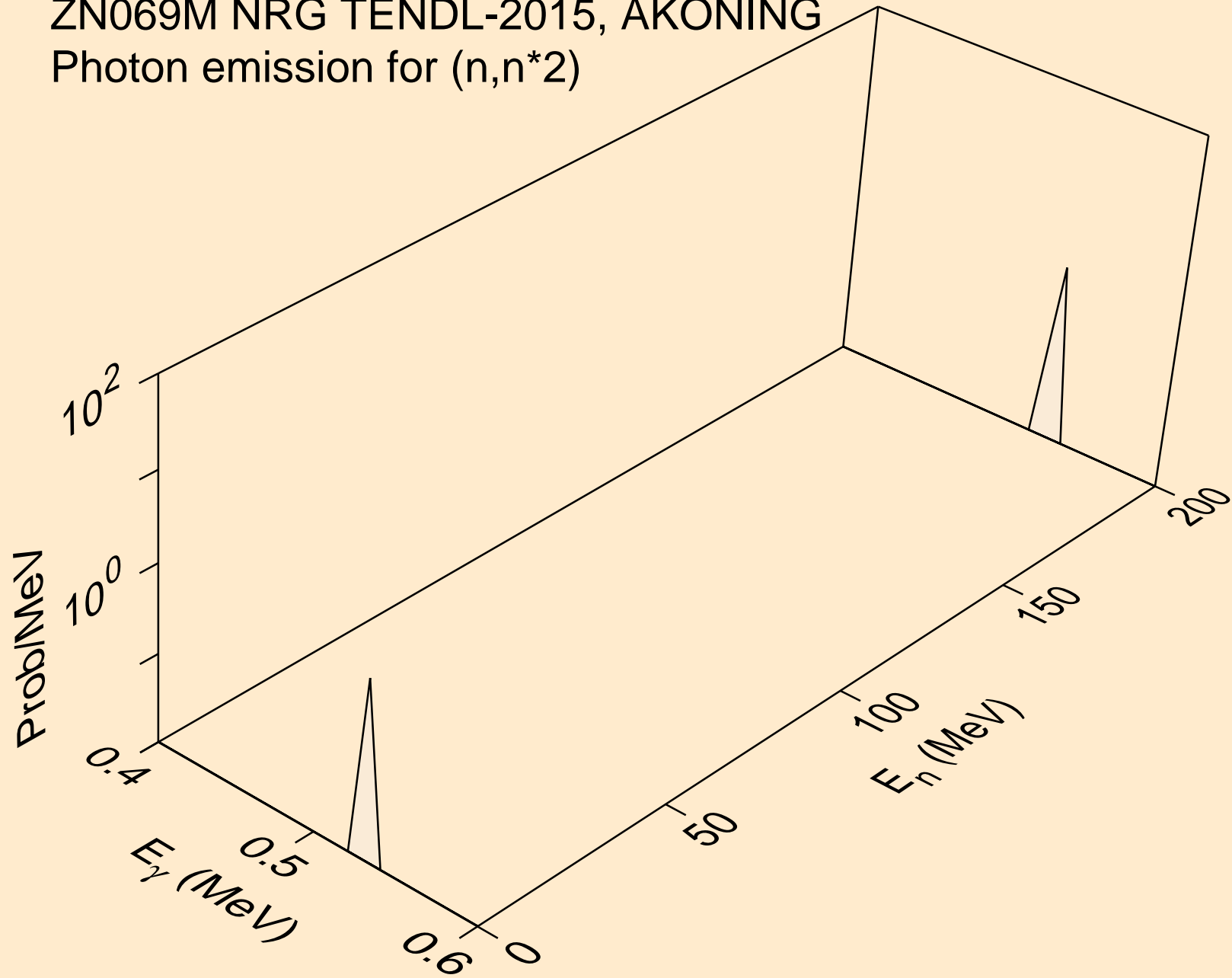


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Photon emission for (n,npa)

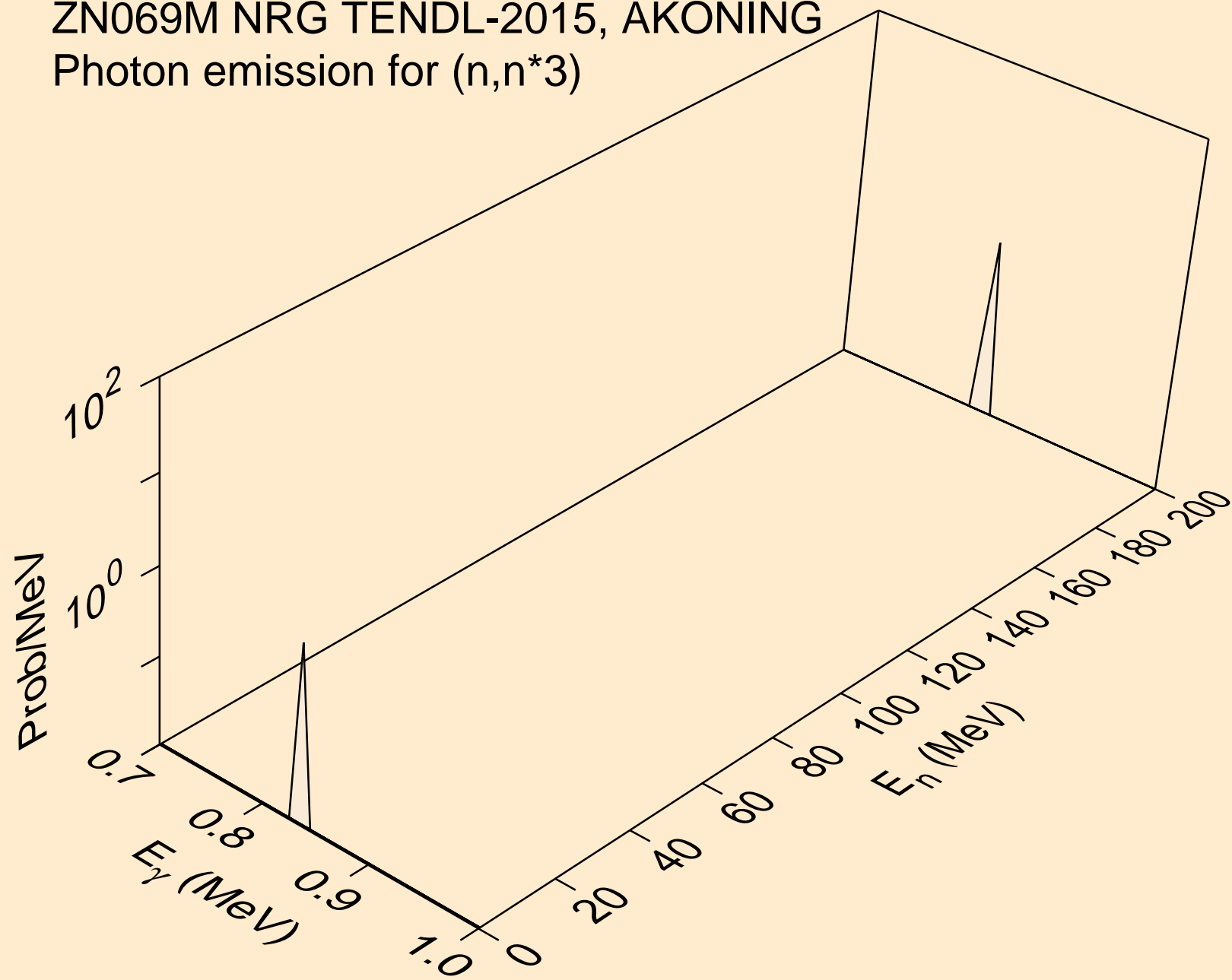




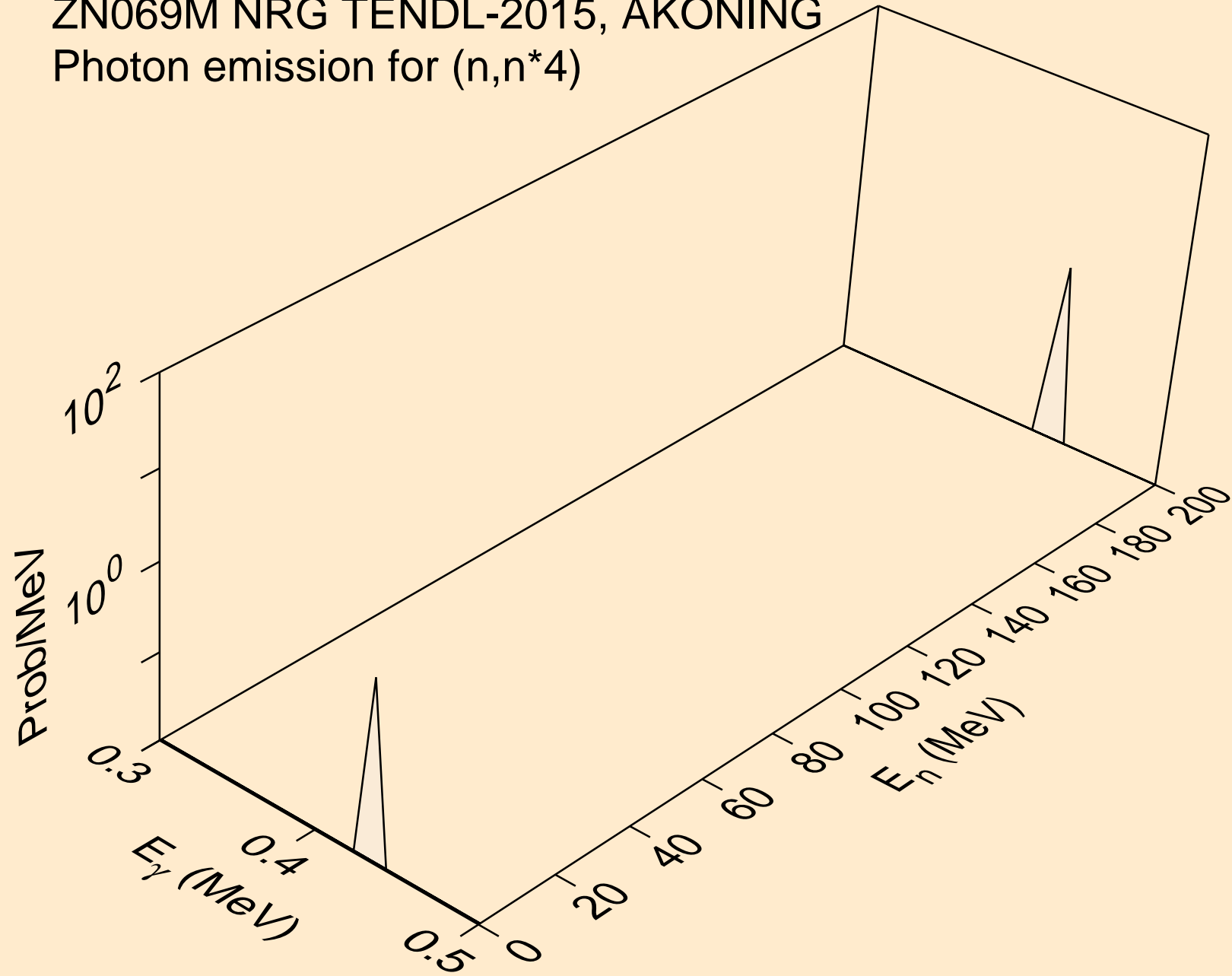
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Photon emission for (n,n\*2)



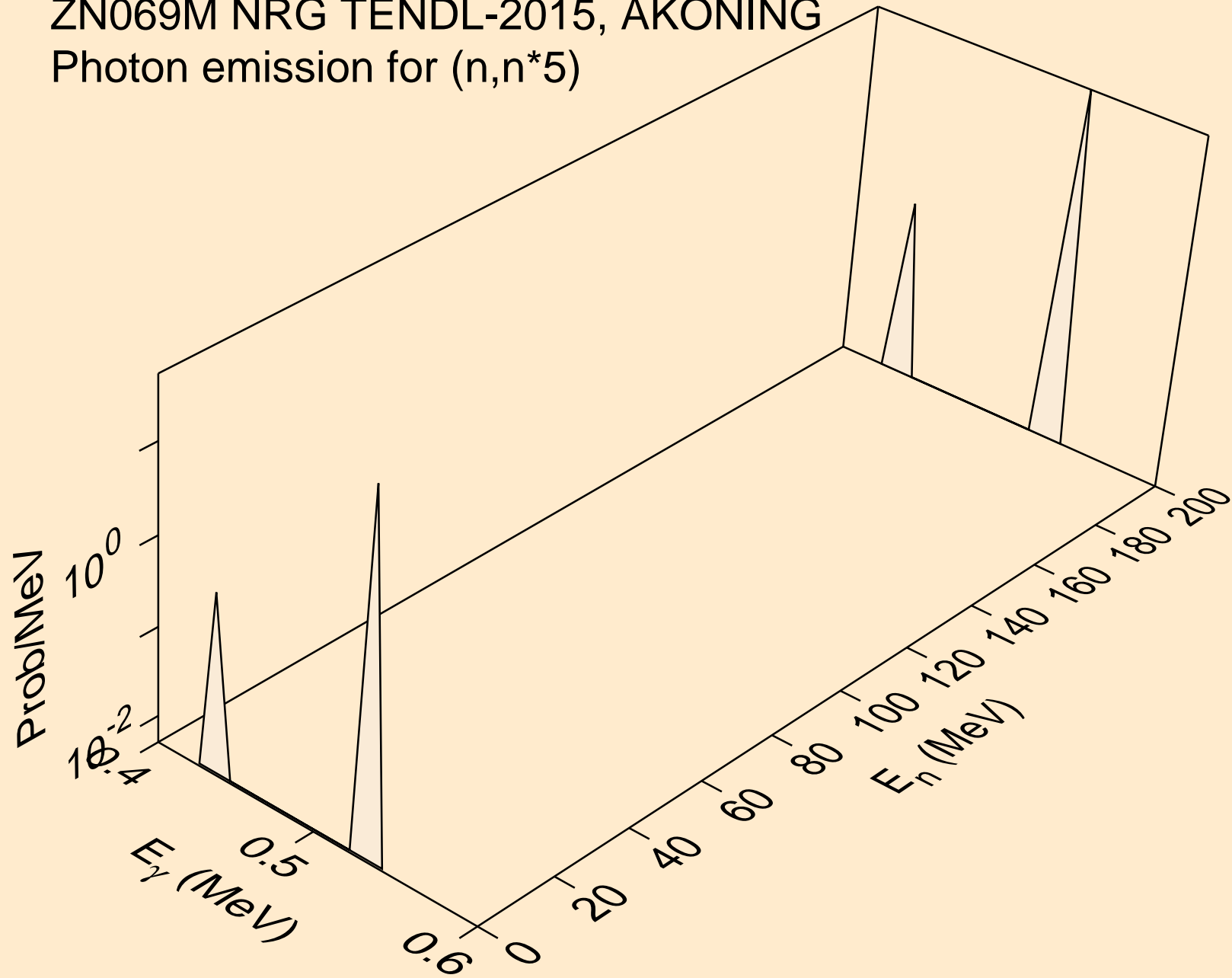
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Photon emission for (n,n\*3)



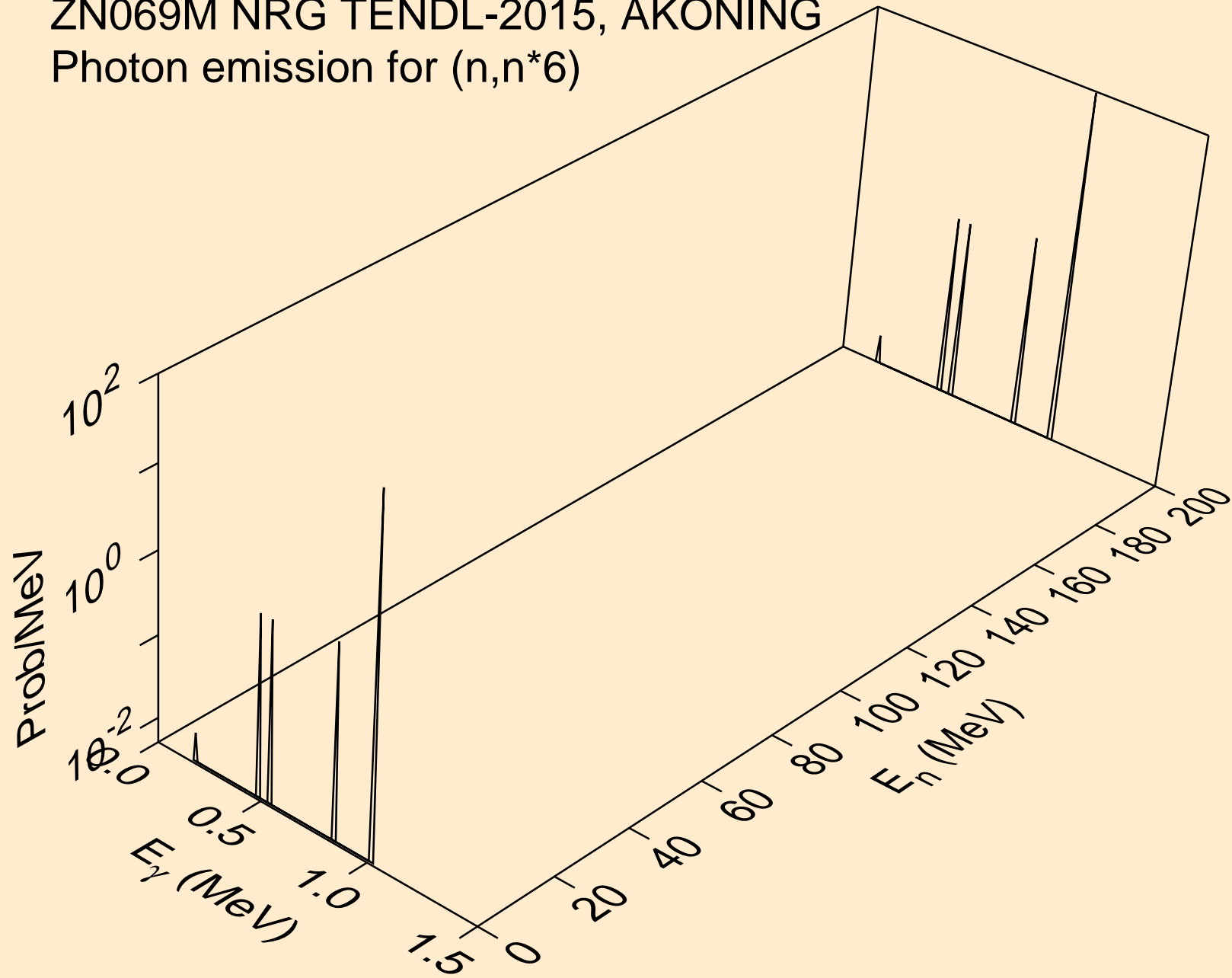
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Photon emission for (n,n\*4)



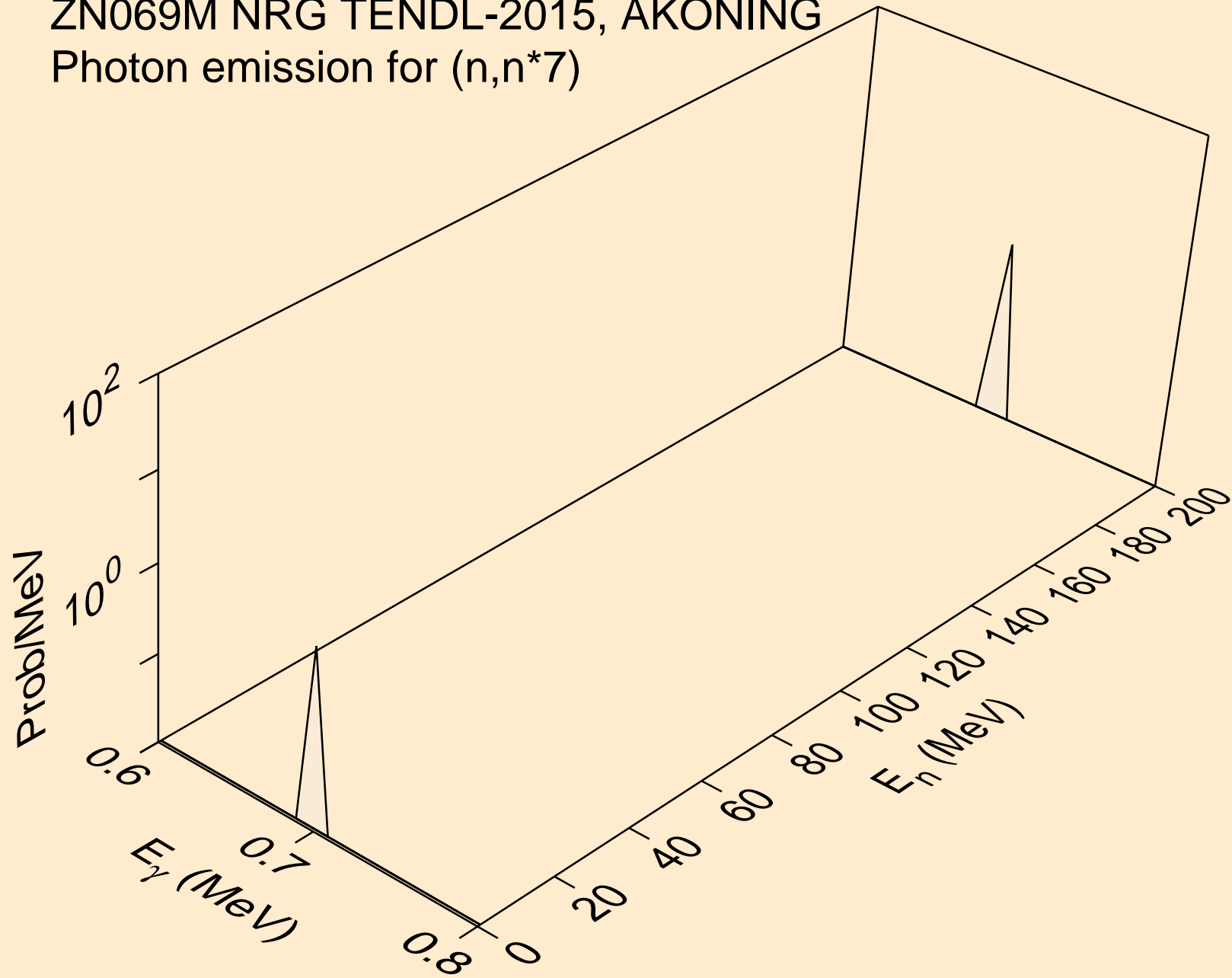
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Photon emission for (n,n\*5)



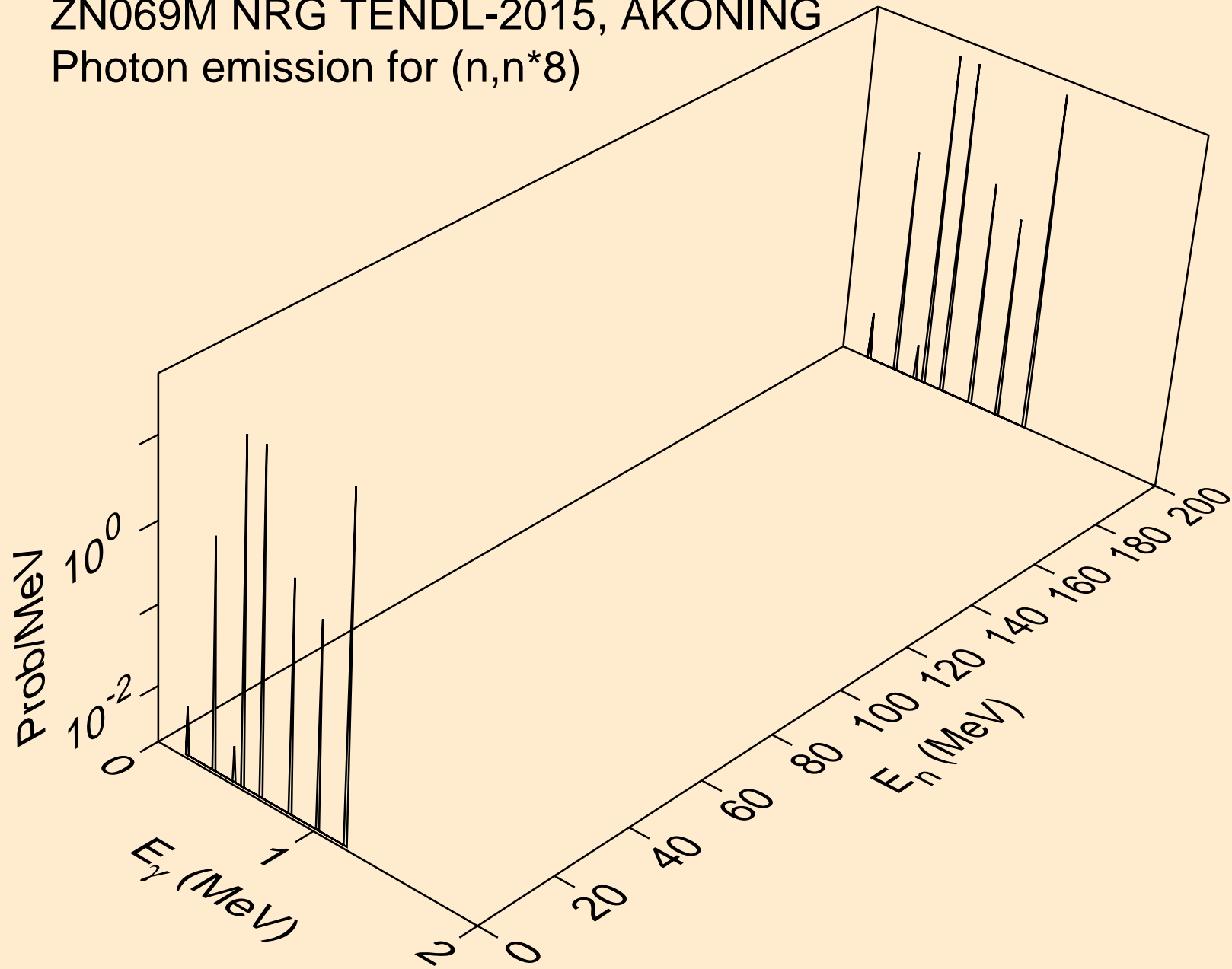
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Photon emission for (n,n\*6)



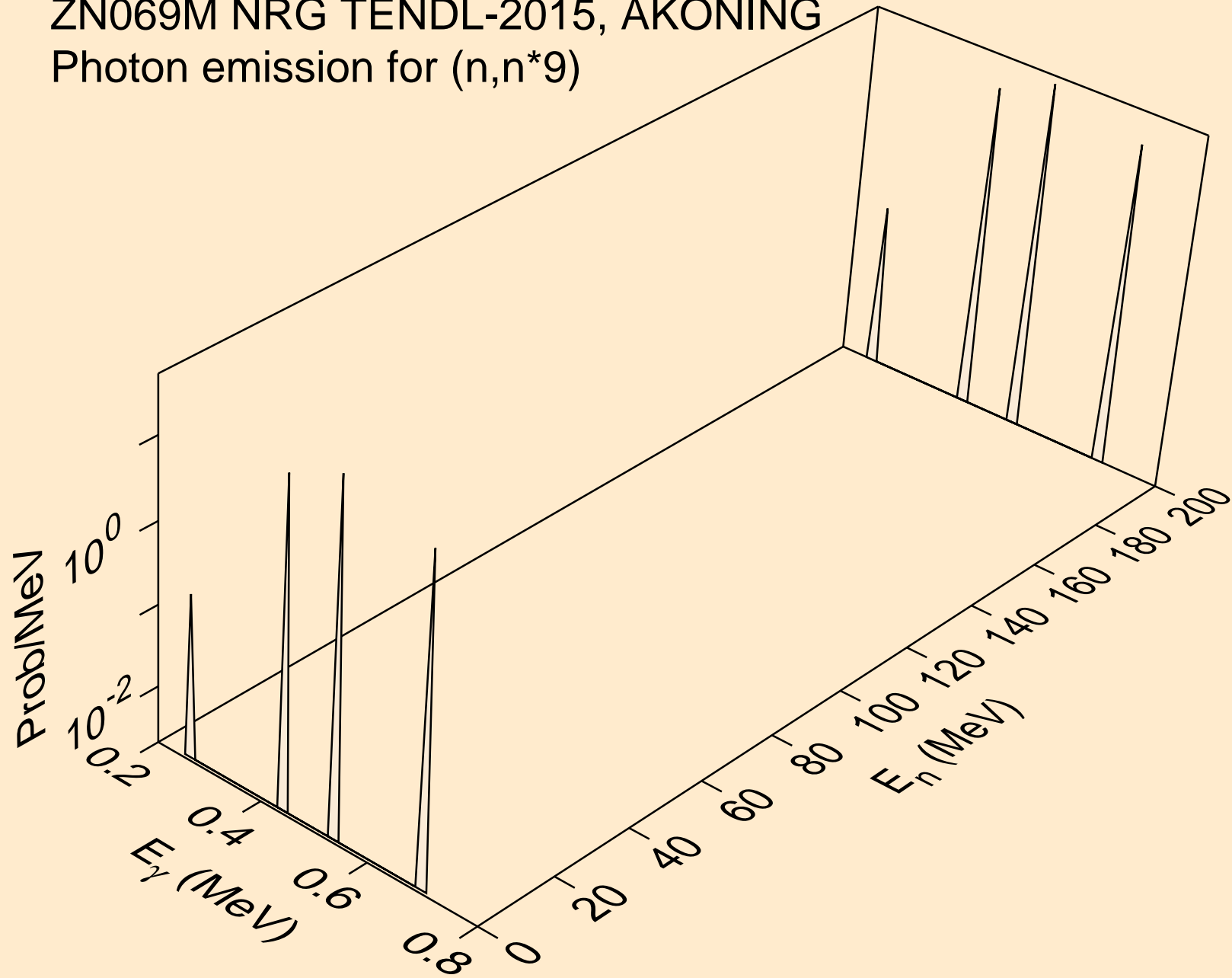
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Photon emission for (n,n\*7)



ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)

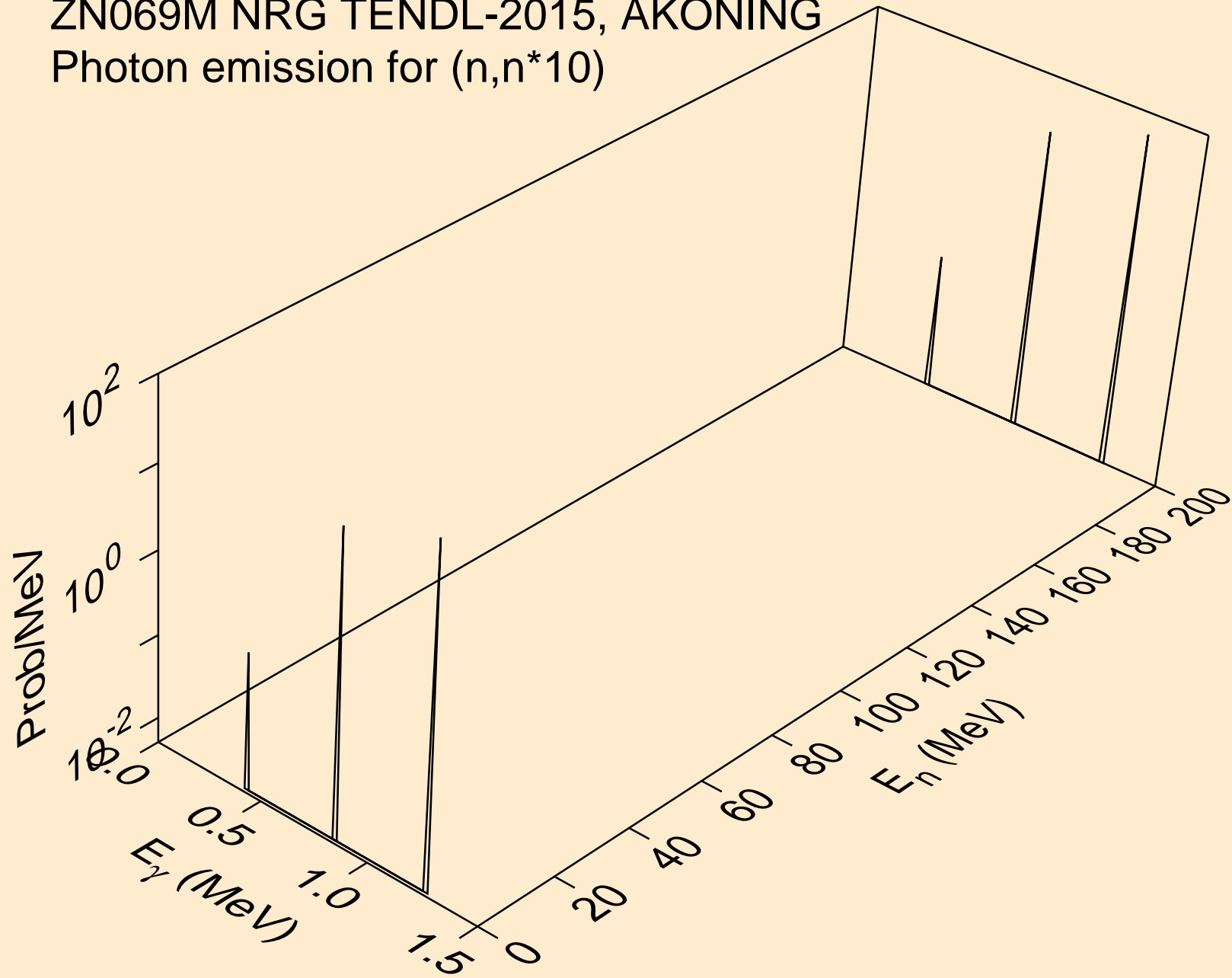


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Photon emission for (n,n\*9)

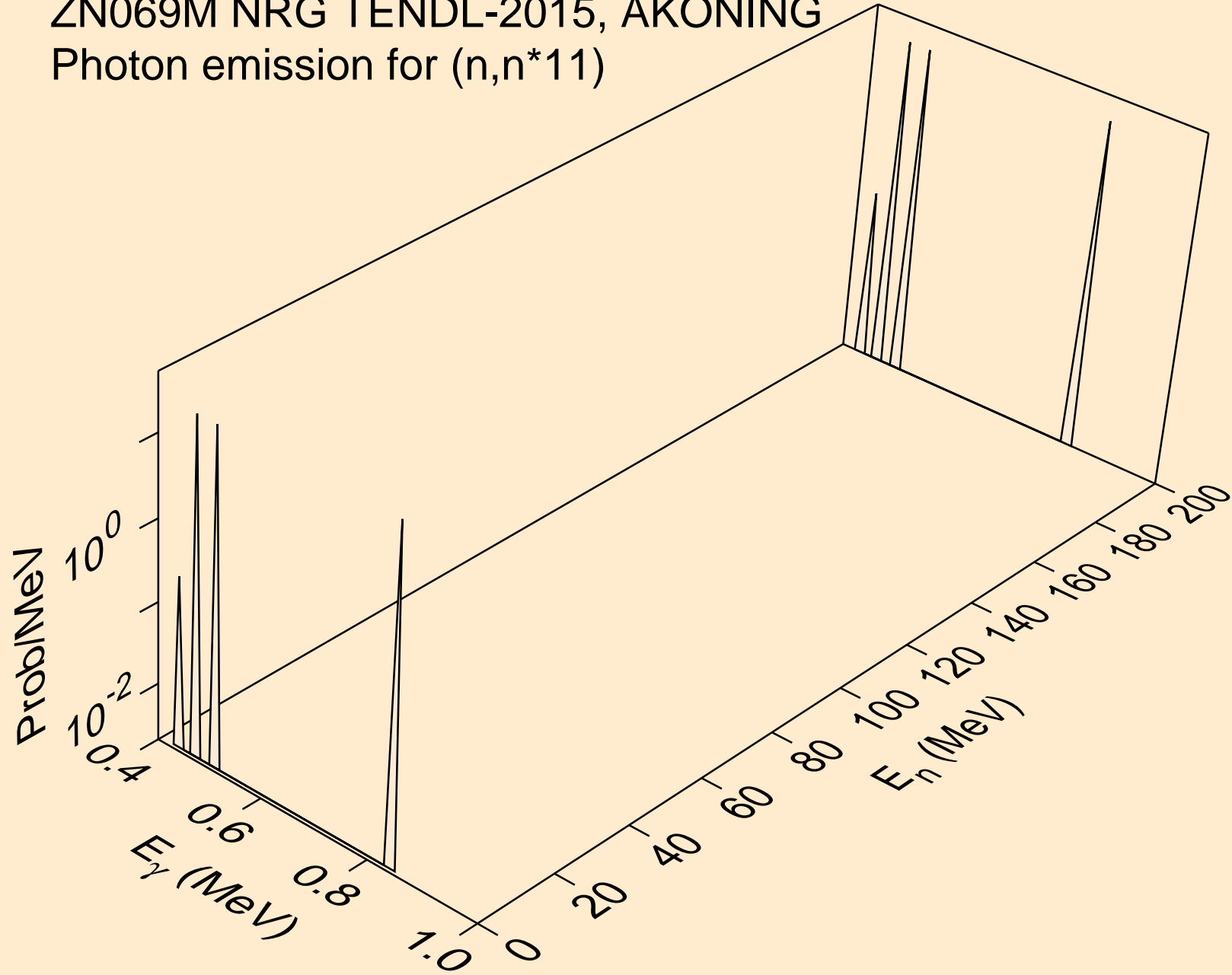




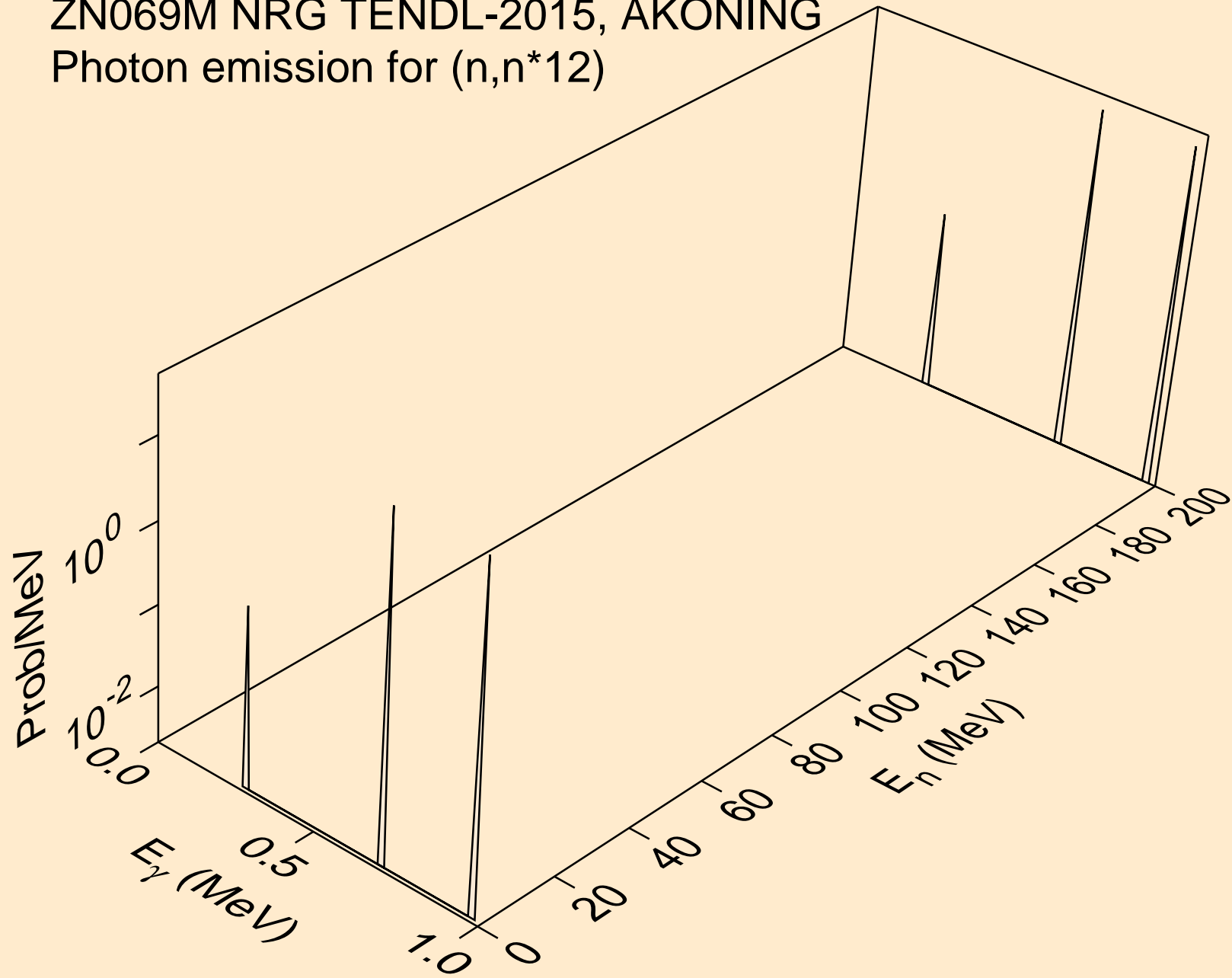
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Photon emission for (n,n\*10)



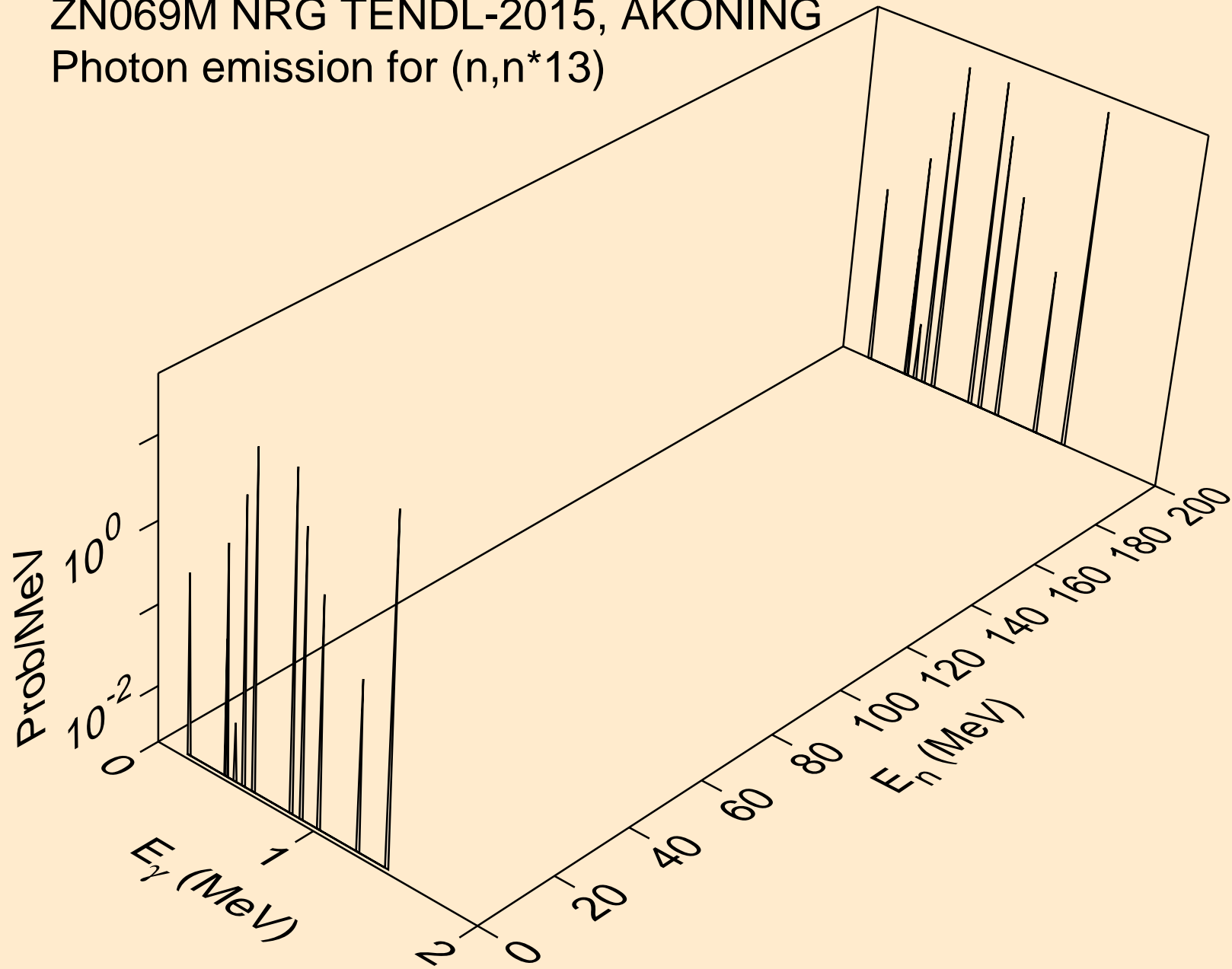
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Photon emission for (n,n\*11)



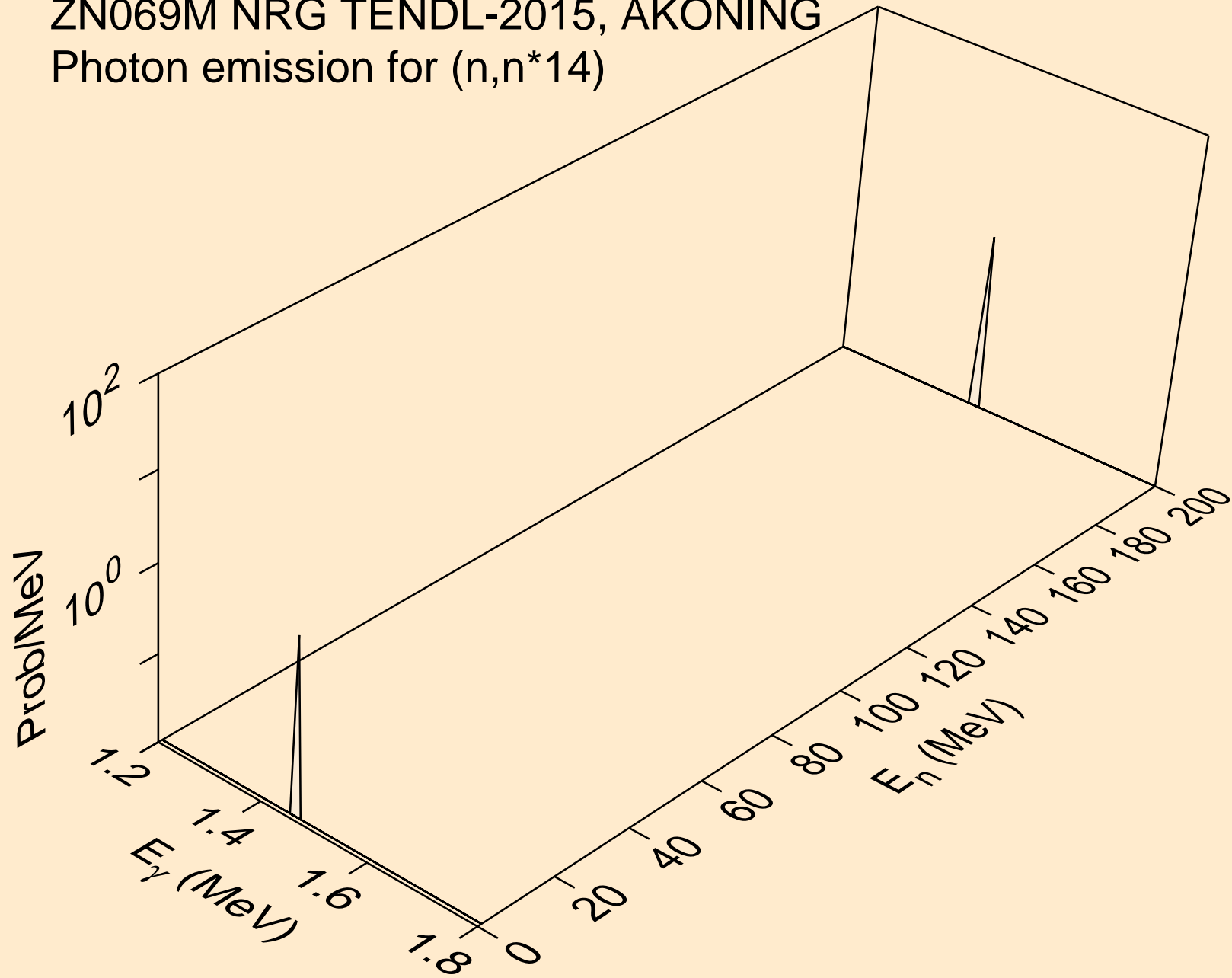
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Photon emission for (n,n\*12)



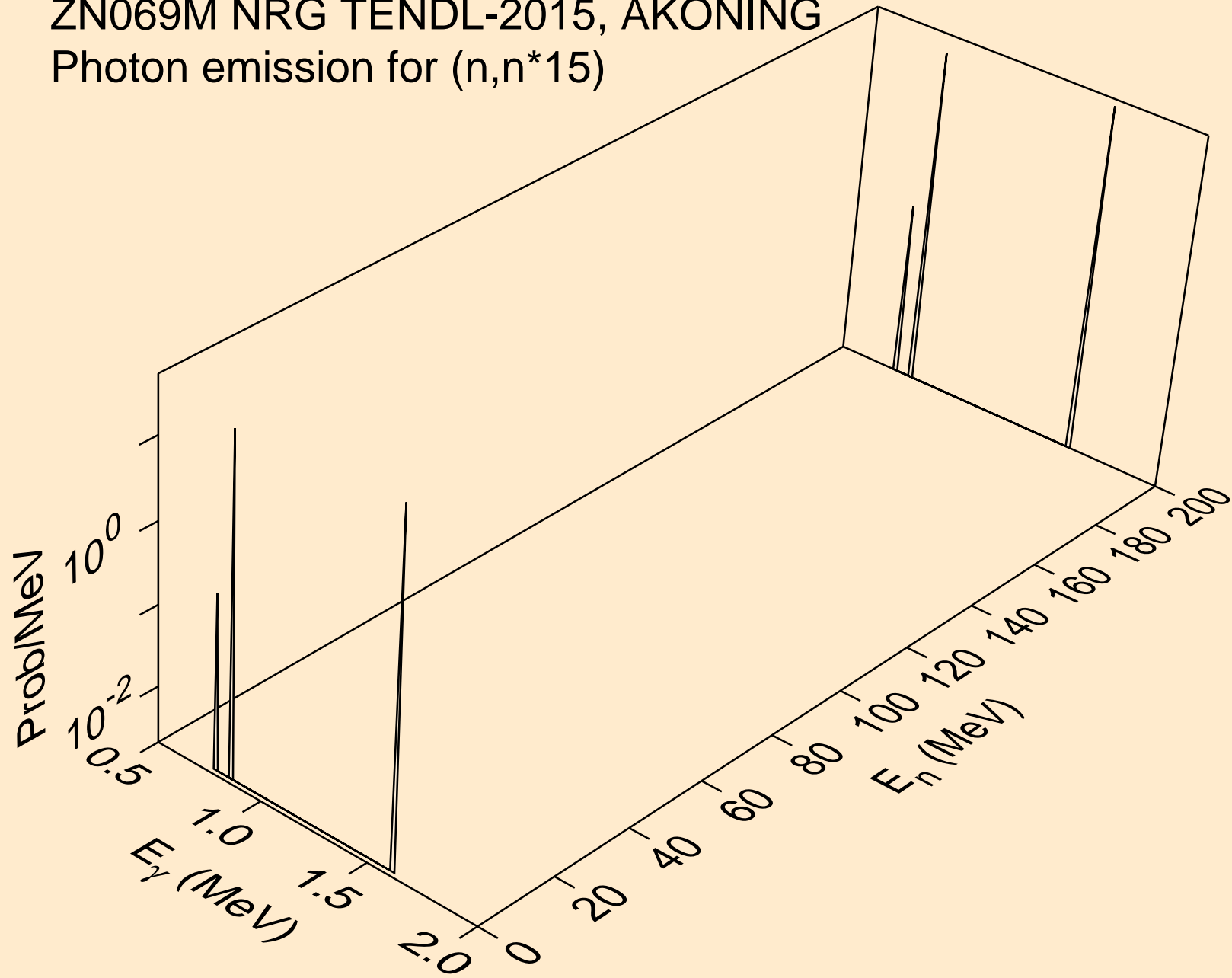
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Photon emission for (n,n\*13)



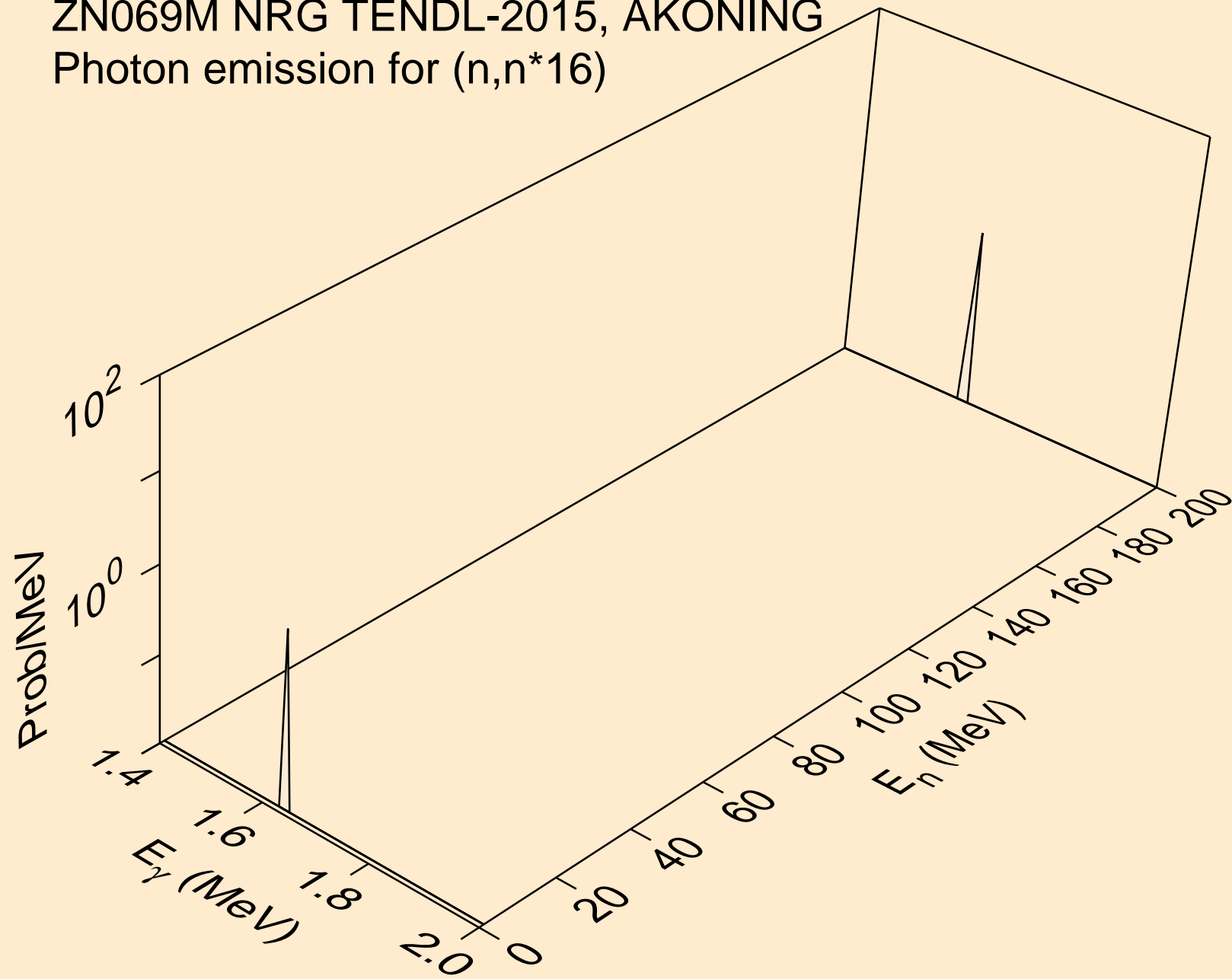
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Photon emission for (n,n\*14)



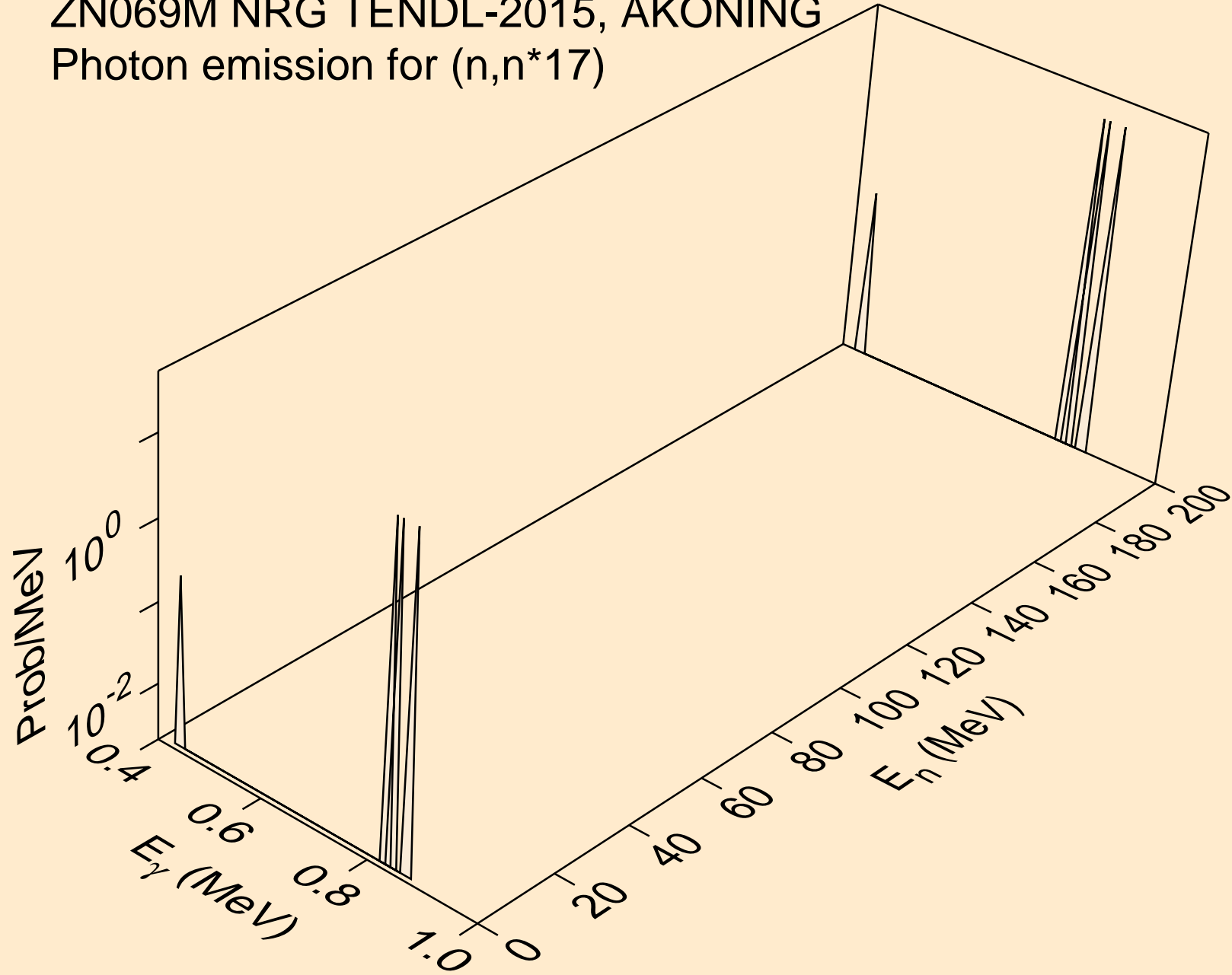
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Photon emission for (n,n\*15)



ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)

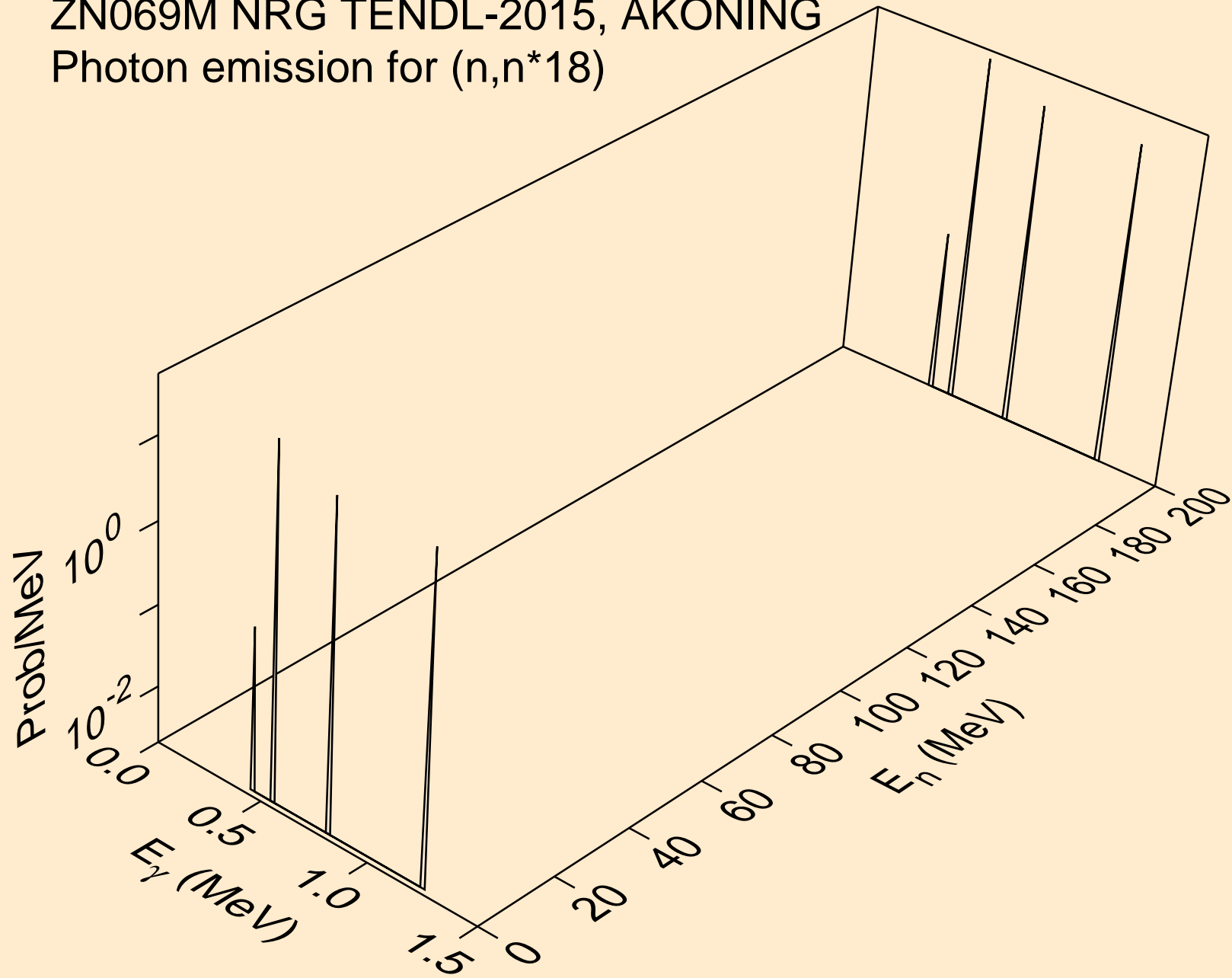


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Photon emission for (n,n\*17)

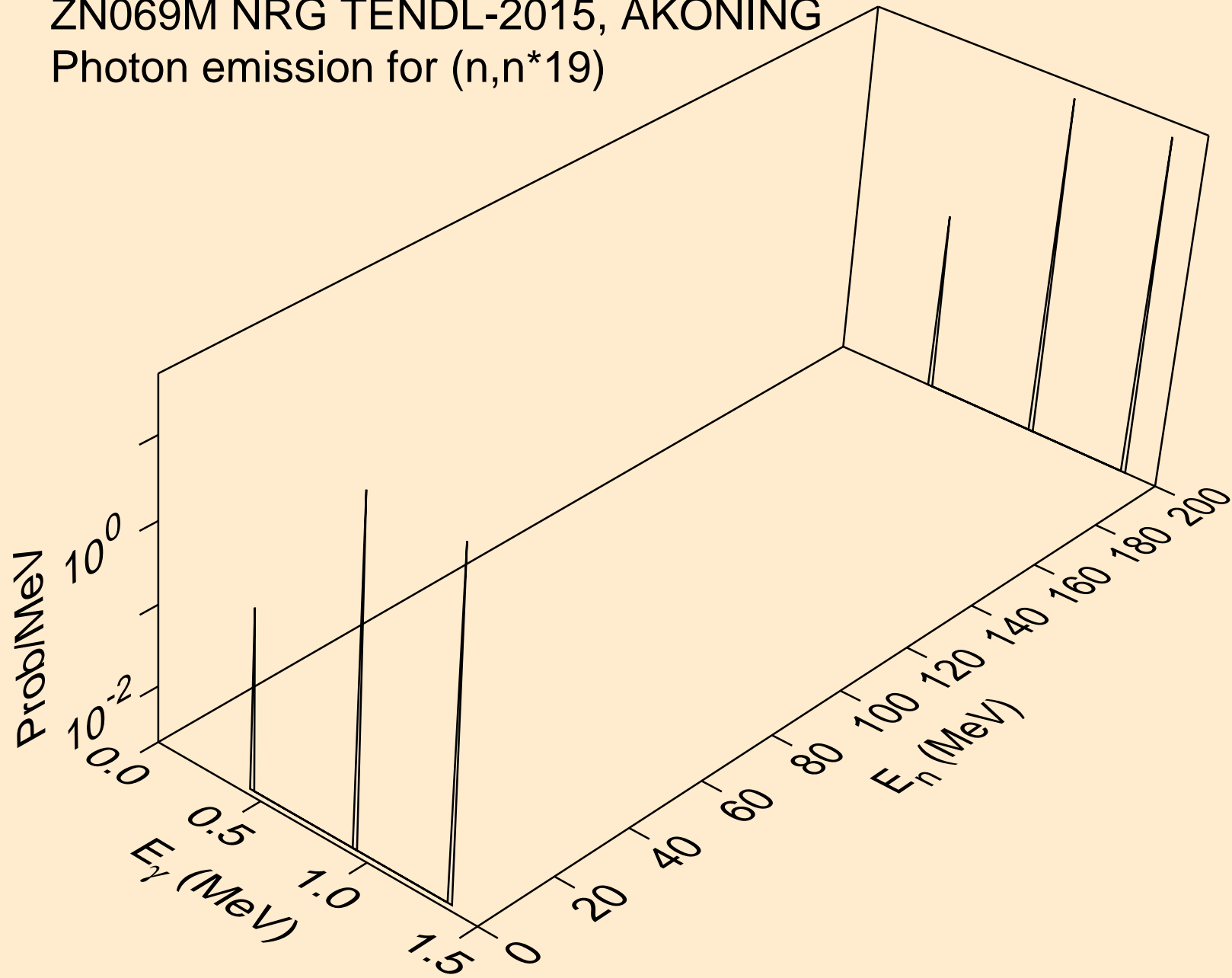




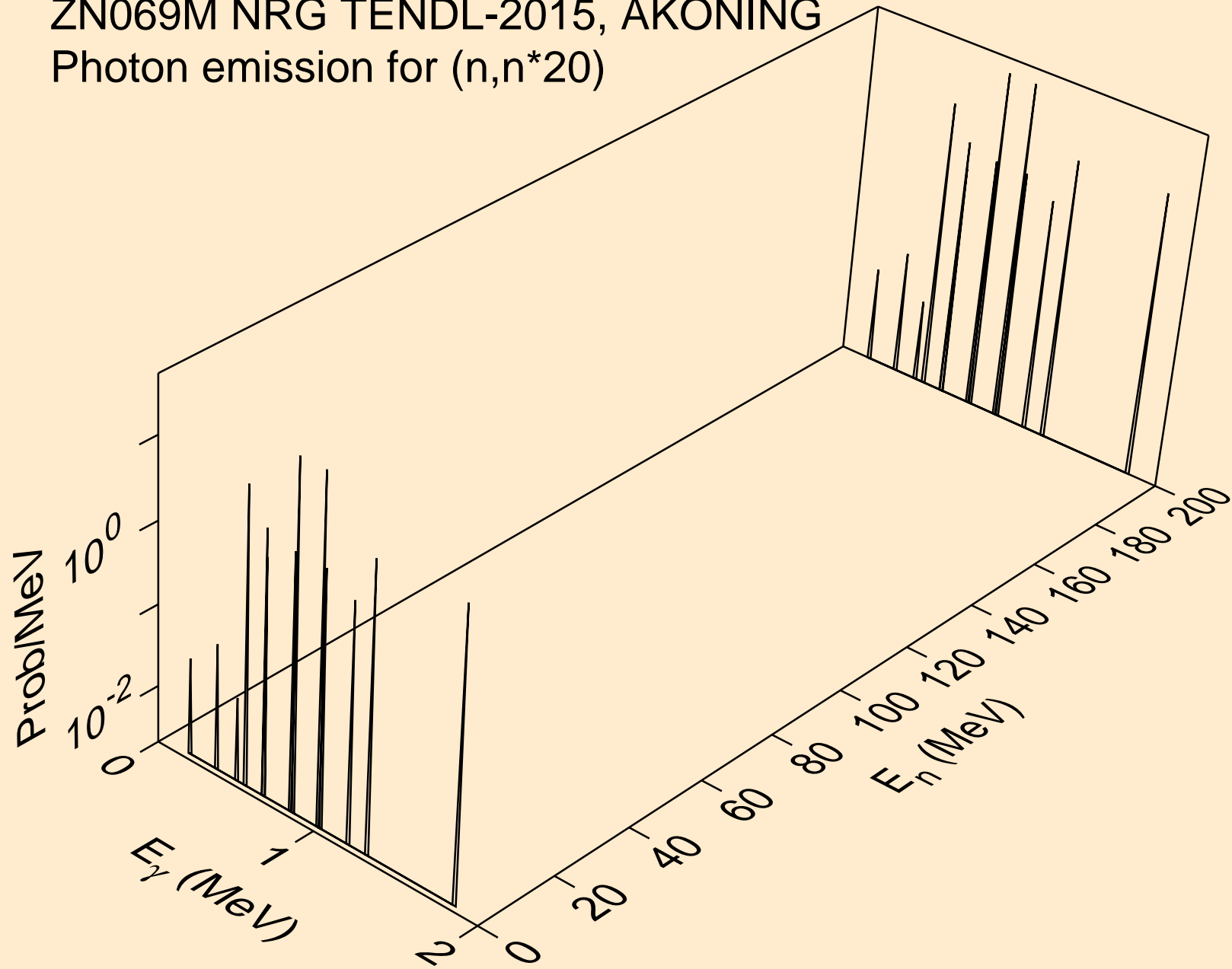
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Photon emission for (n,n\*18)



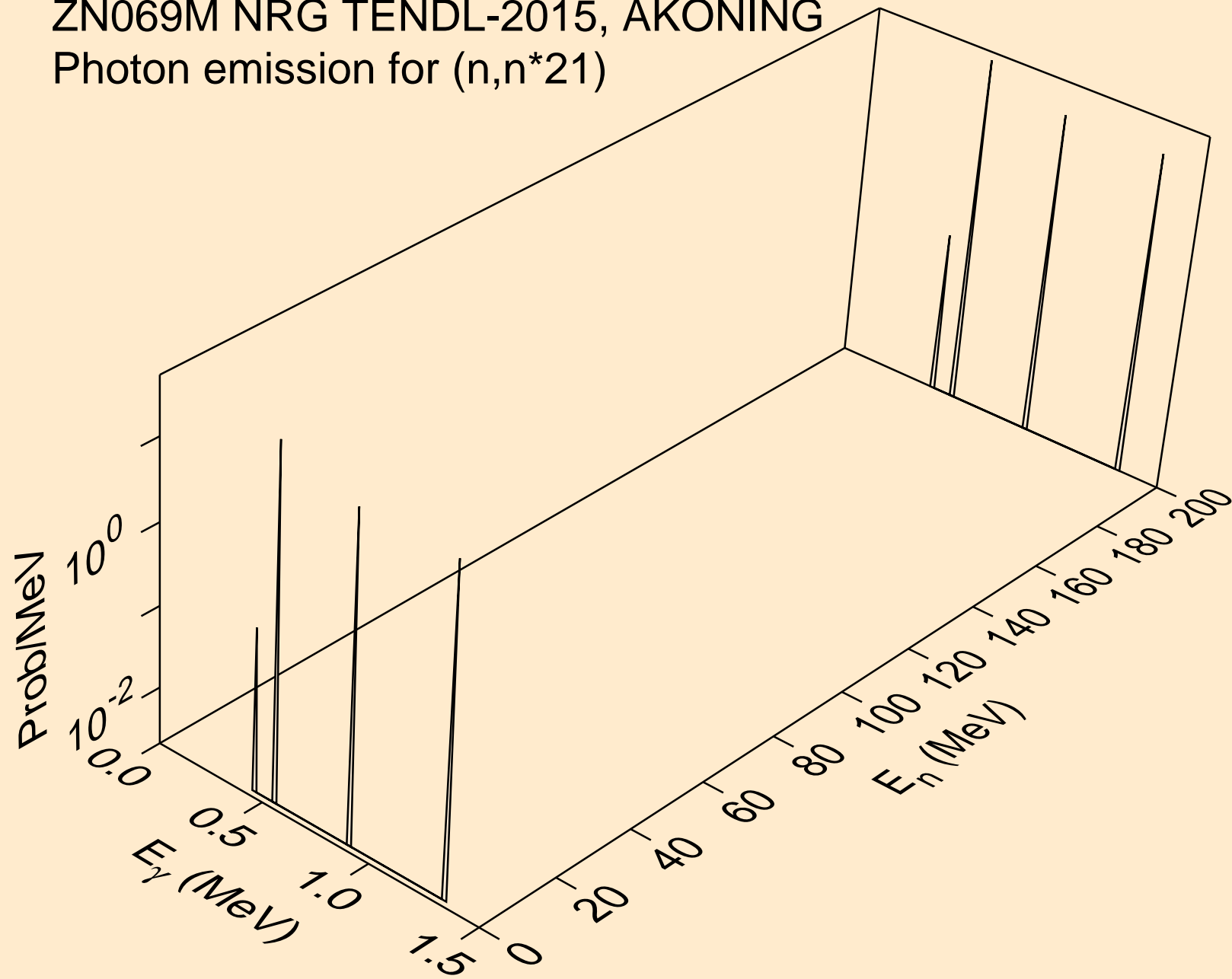
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Photon emission for (n,n\*19)



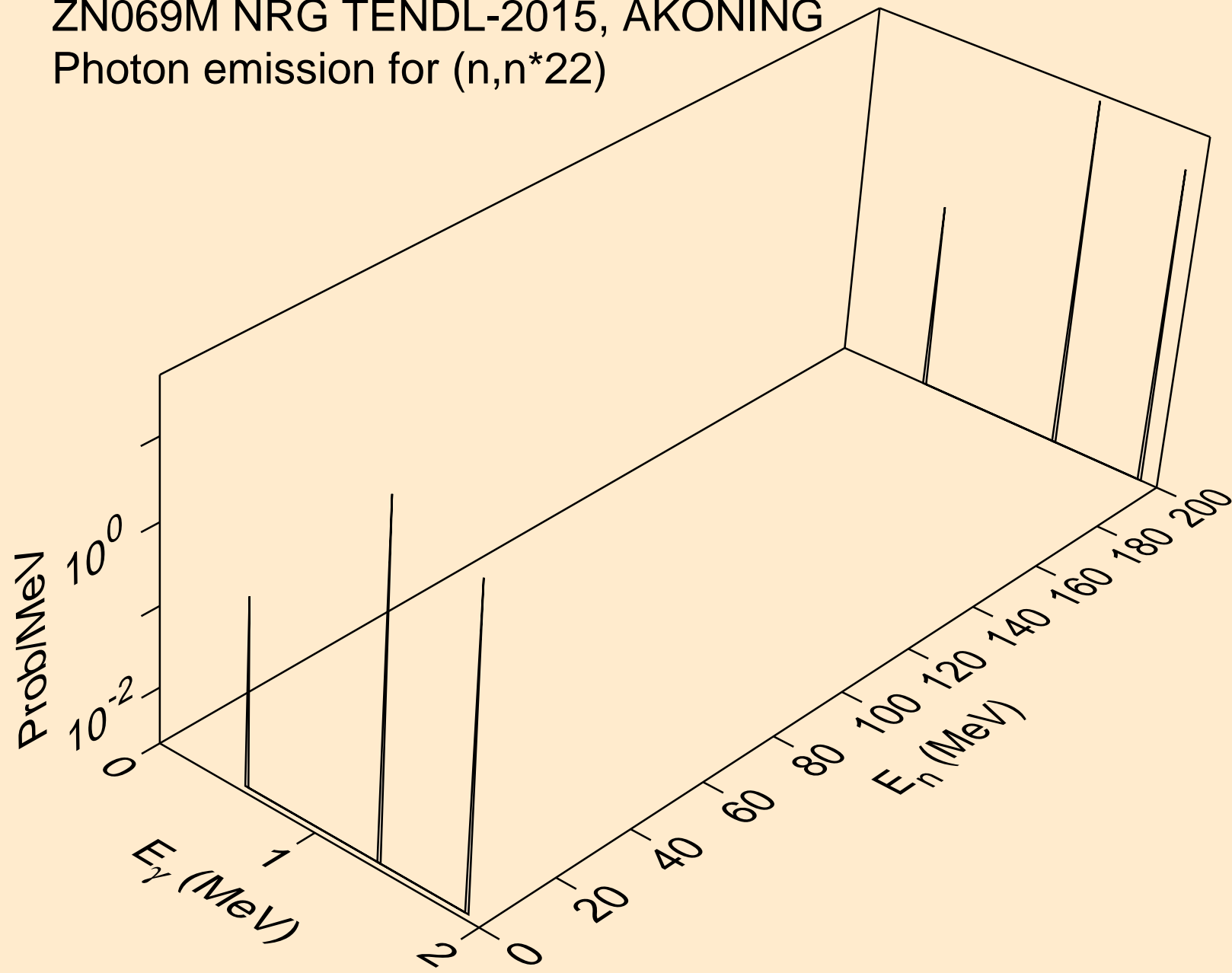
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Photon emission for (n,n\*20)



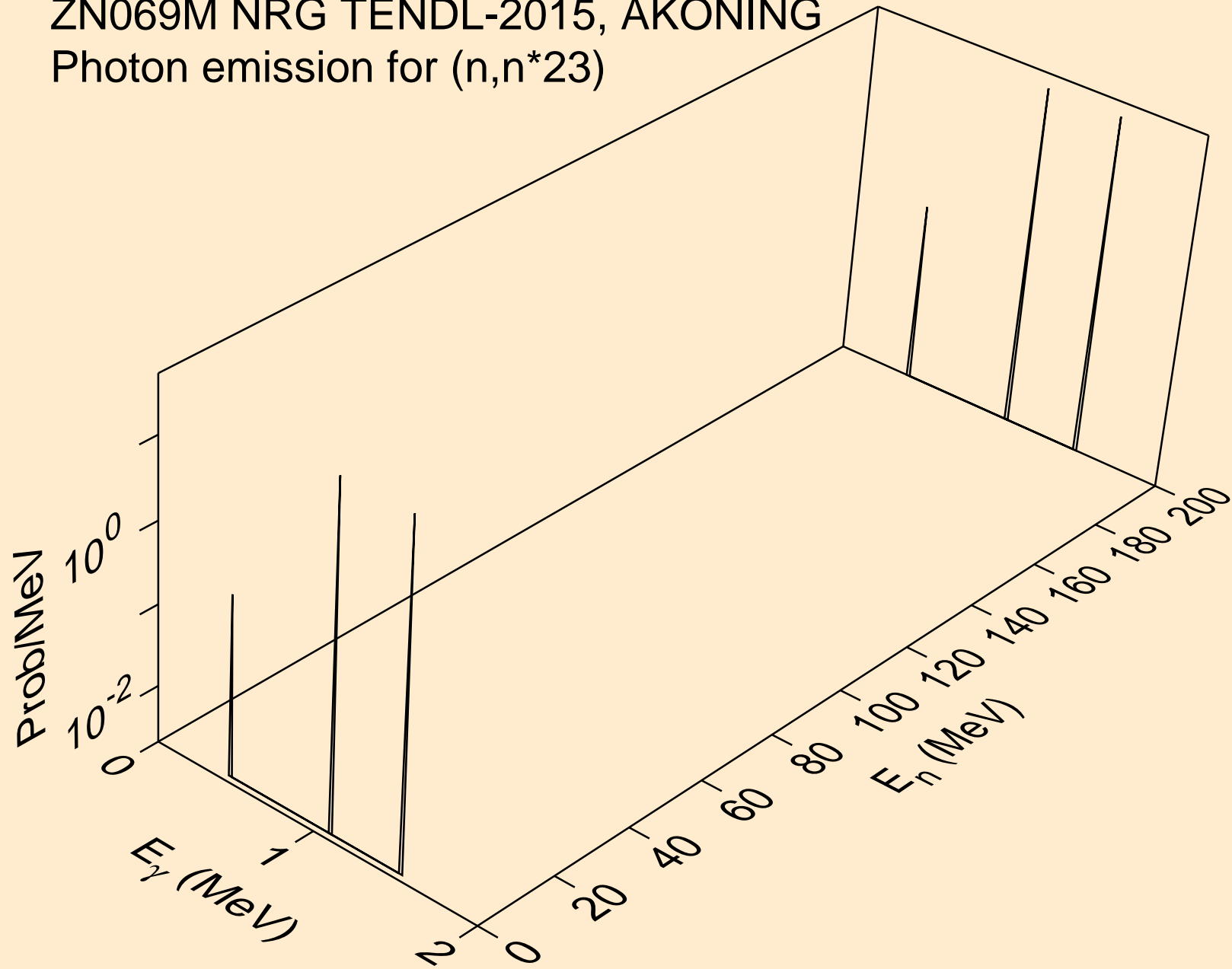
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Photon emission for (n,n\*21)



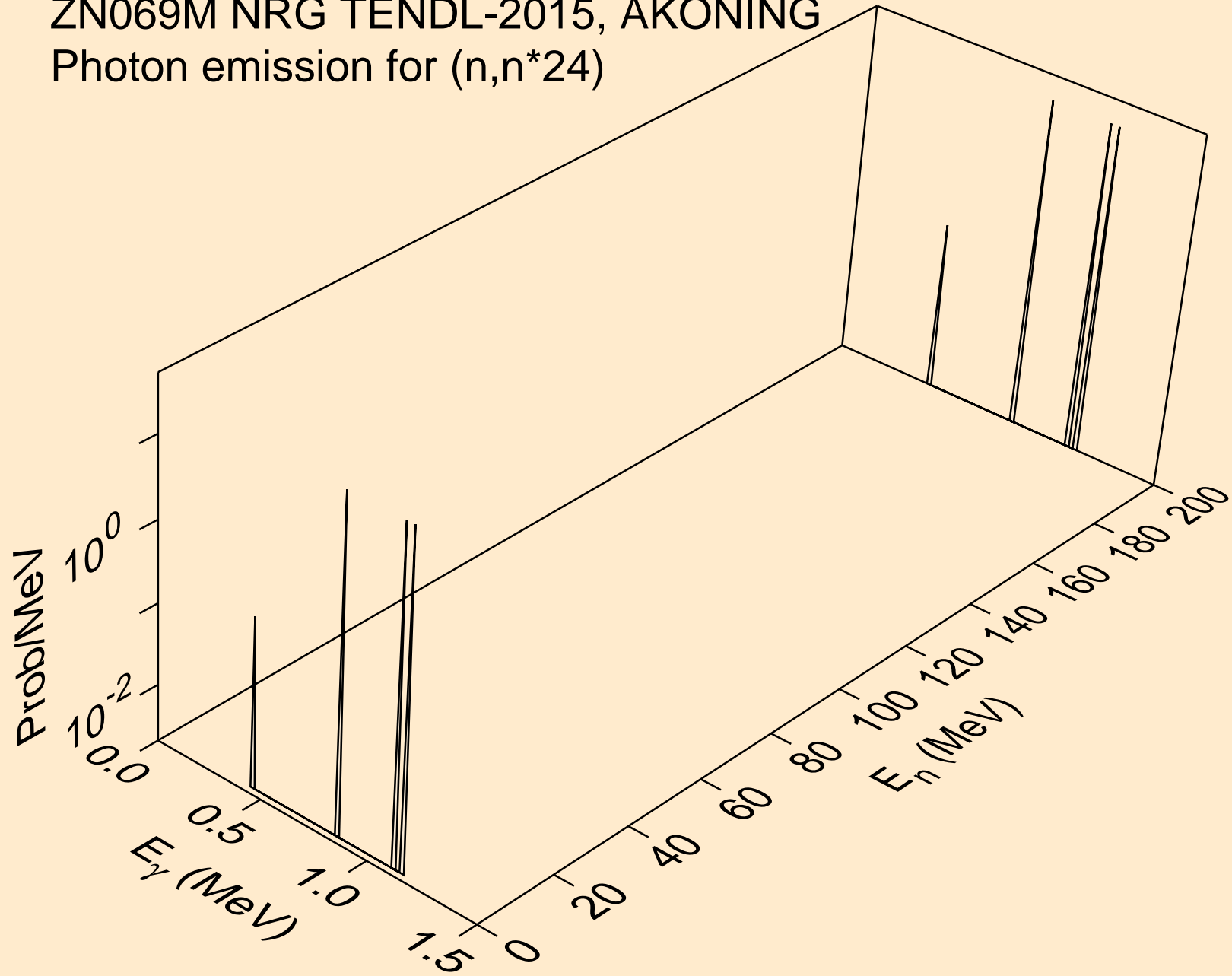
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Photon emission for (n,n\*22)



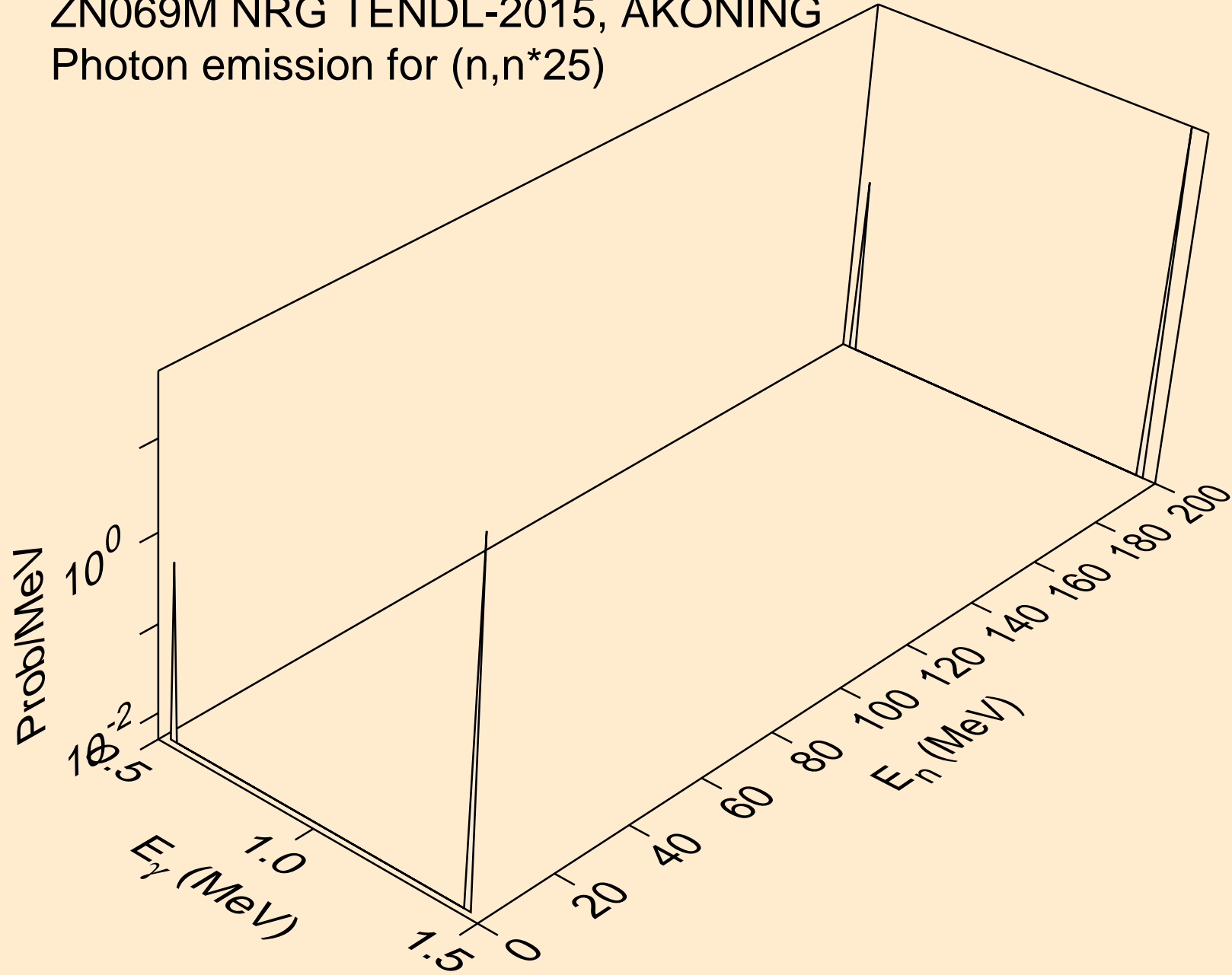
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Photon emission for (n,n\*23)



ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)

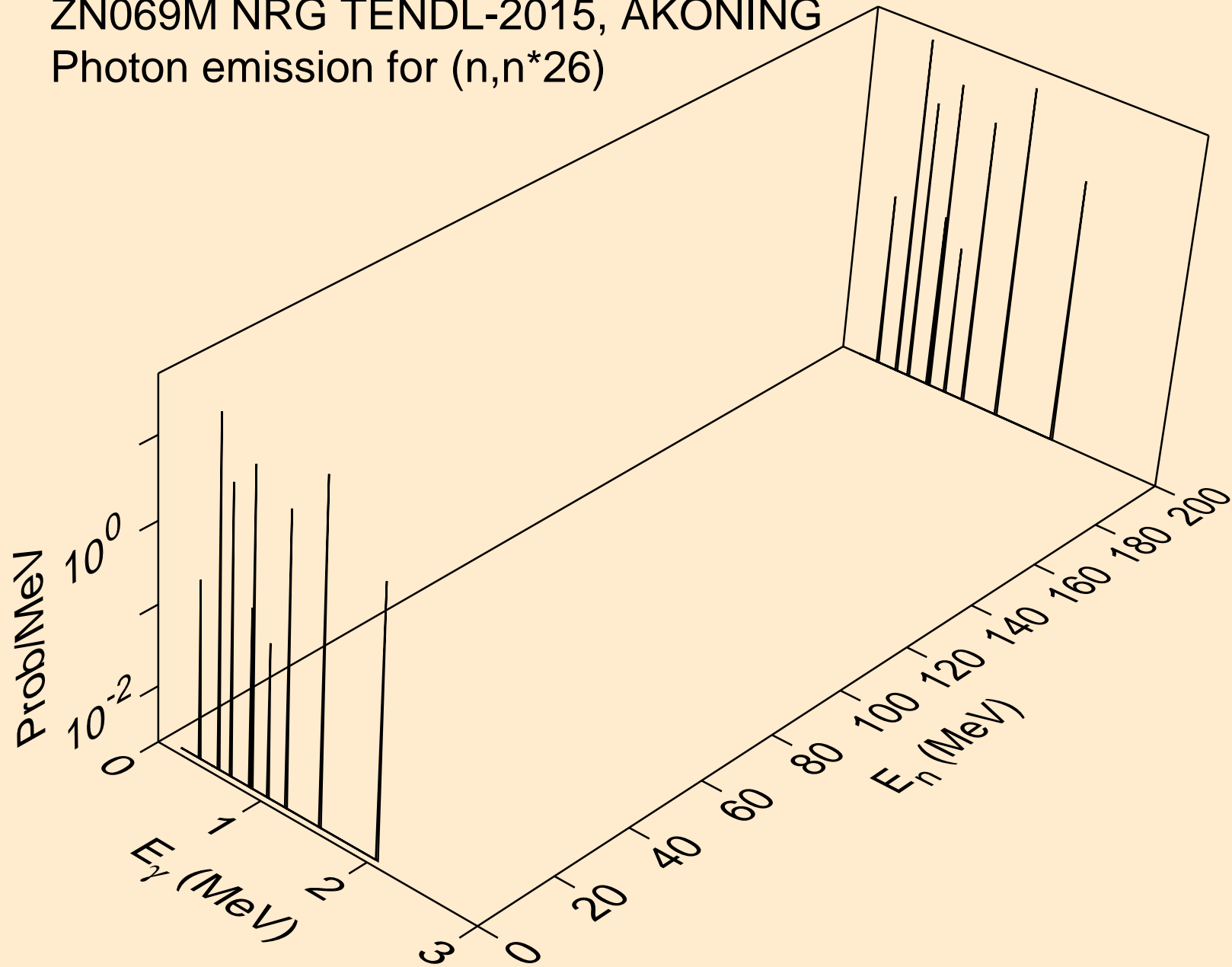


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Photon emission for (n,n\*25)

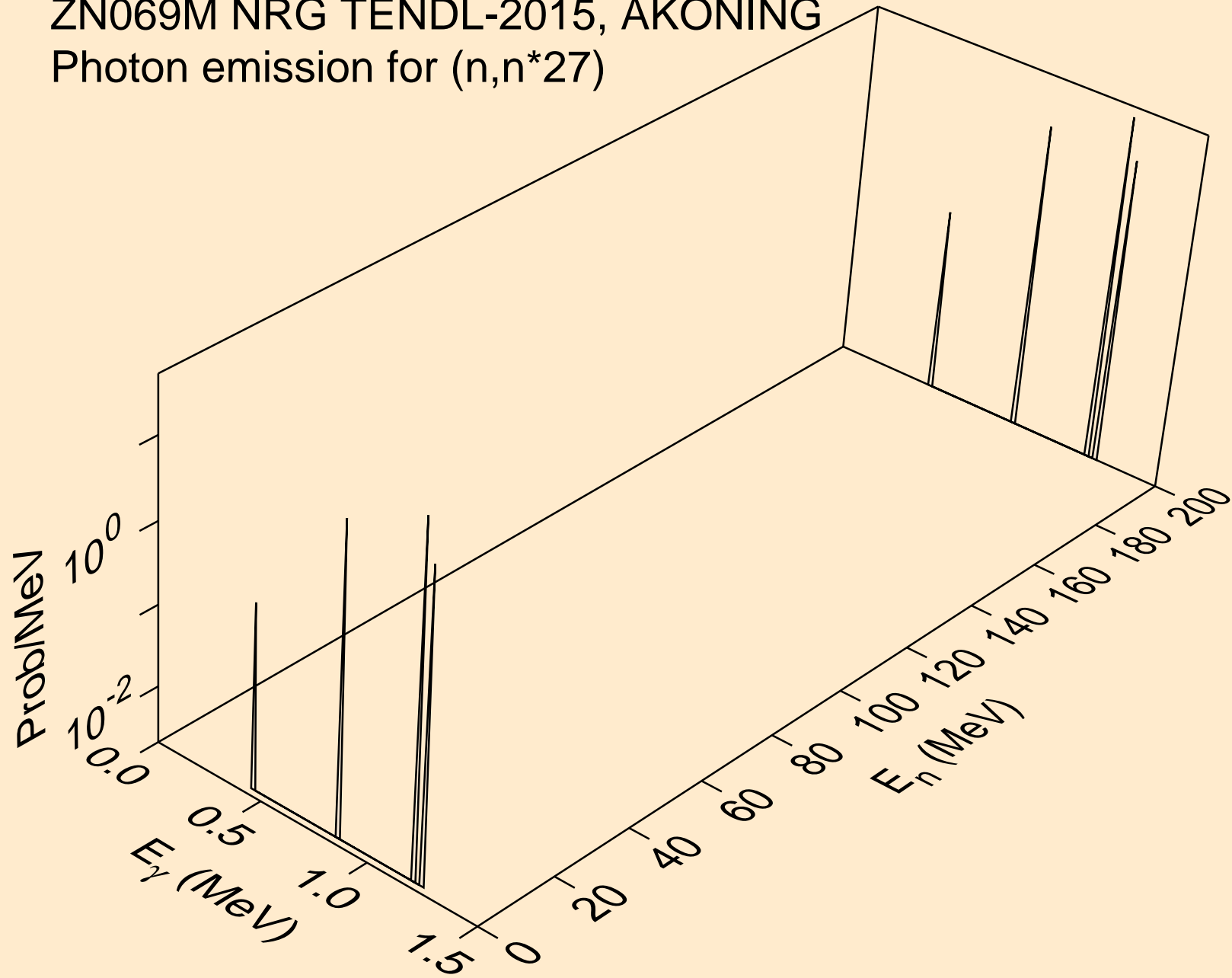




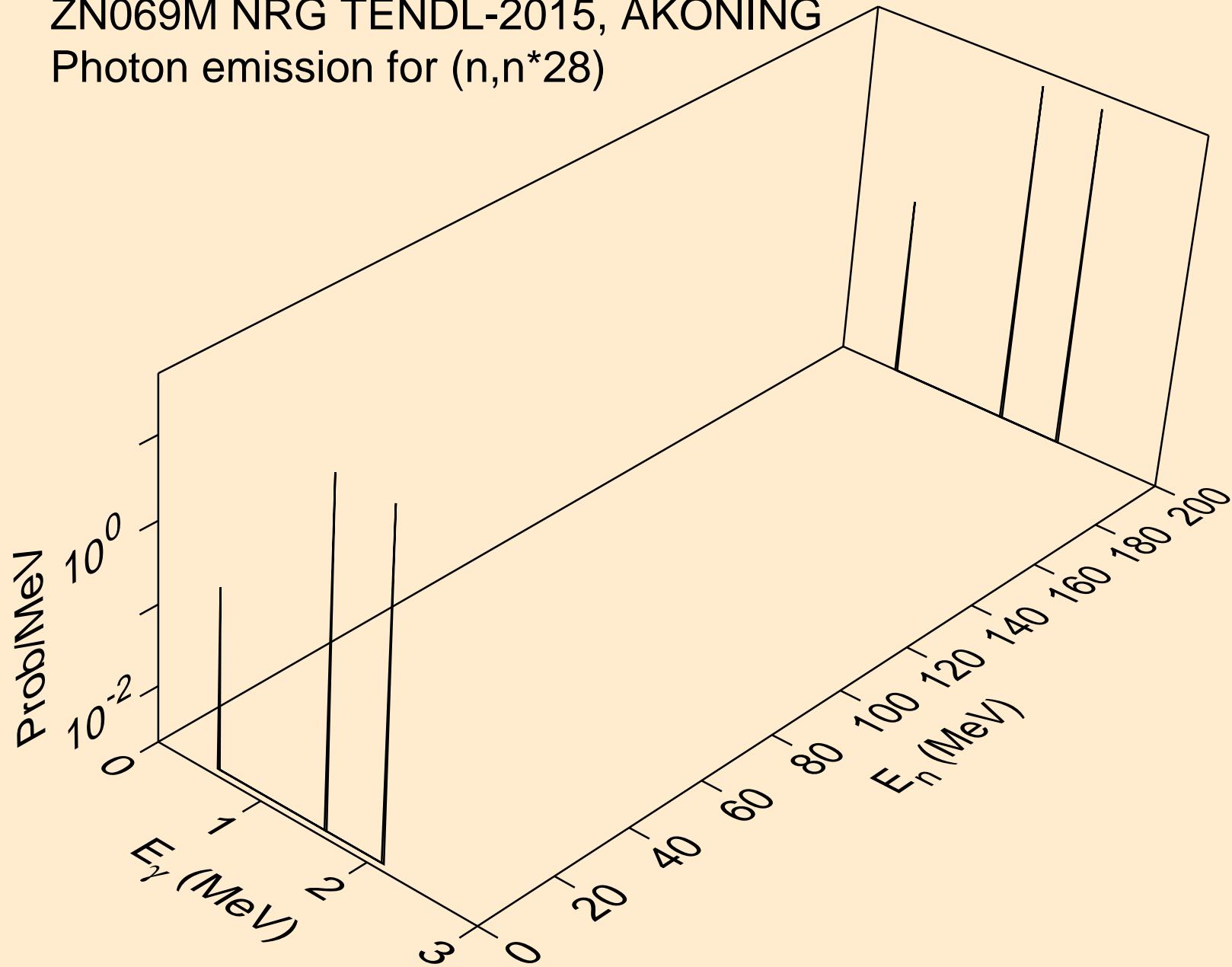
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Photon emission for (n,n\*26)



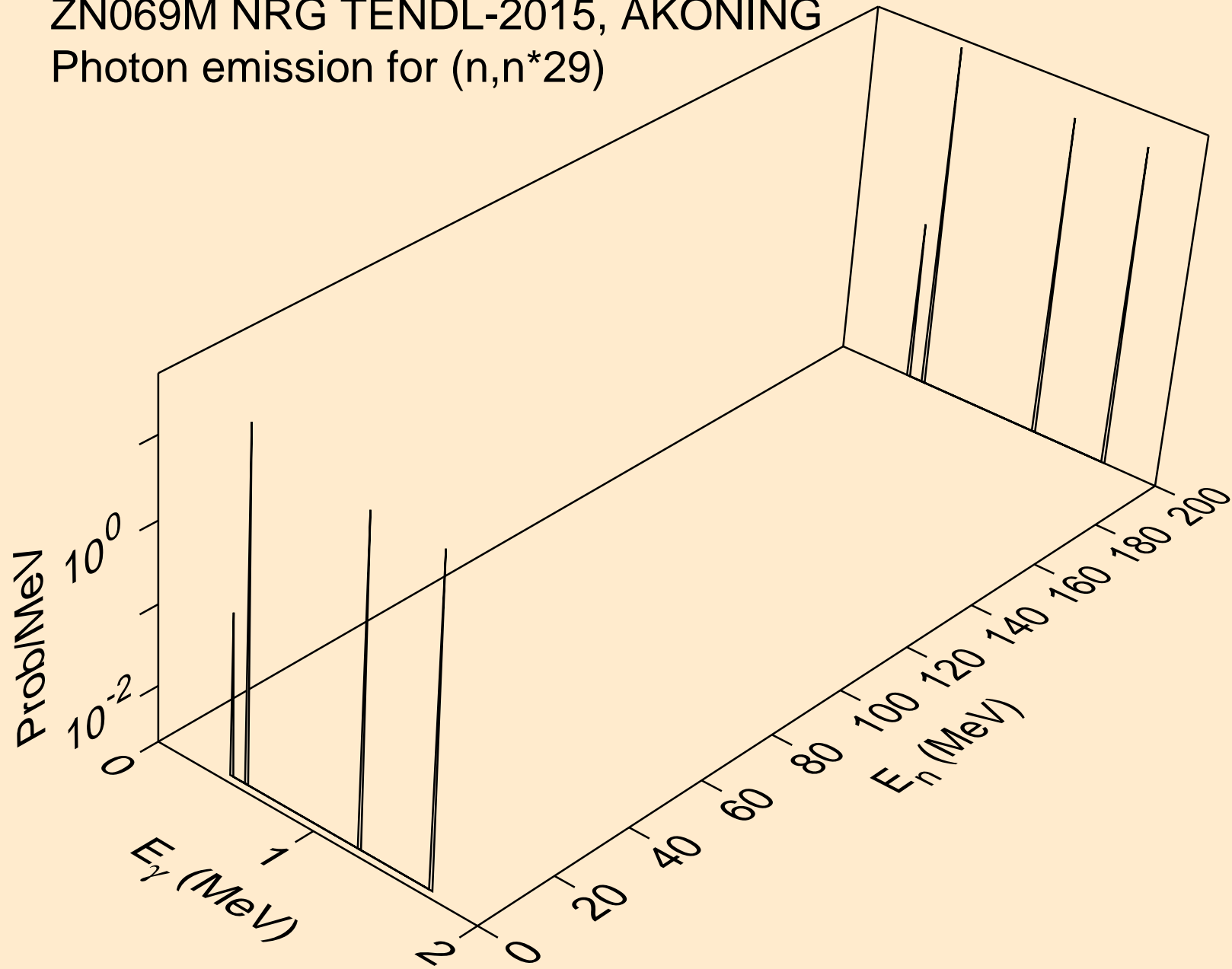
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Photon emission for (n,n\*27)



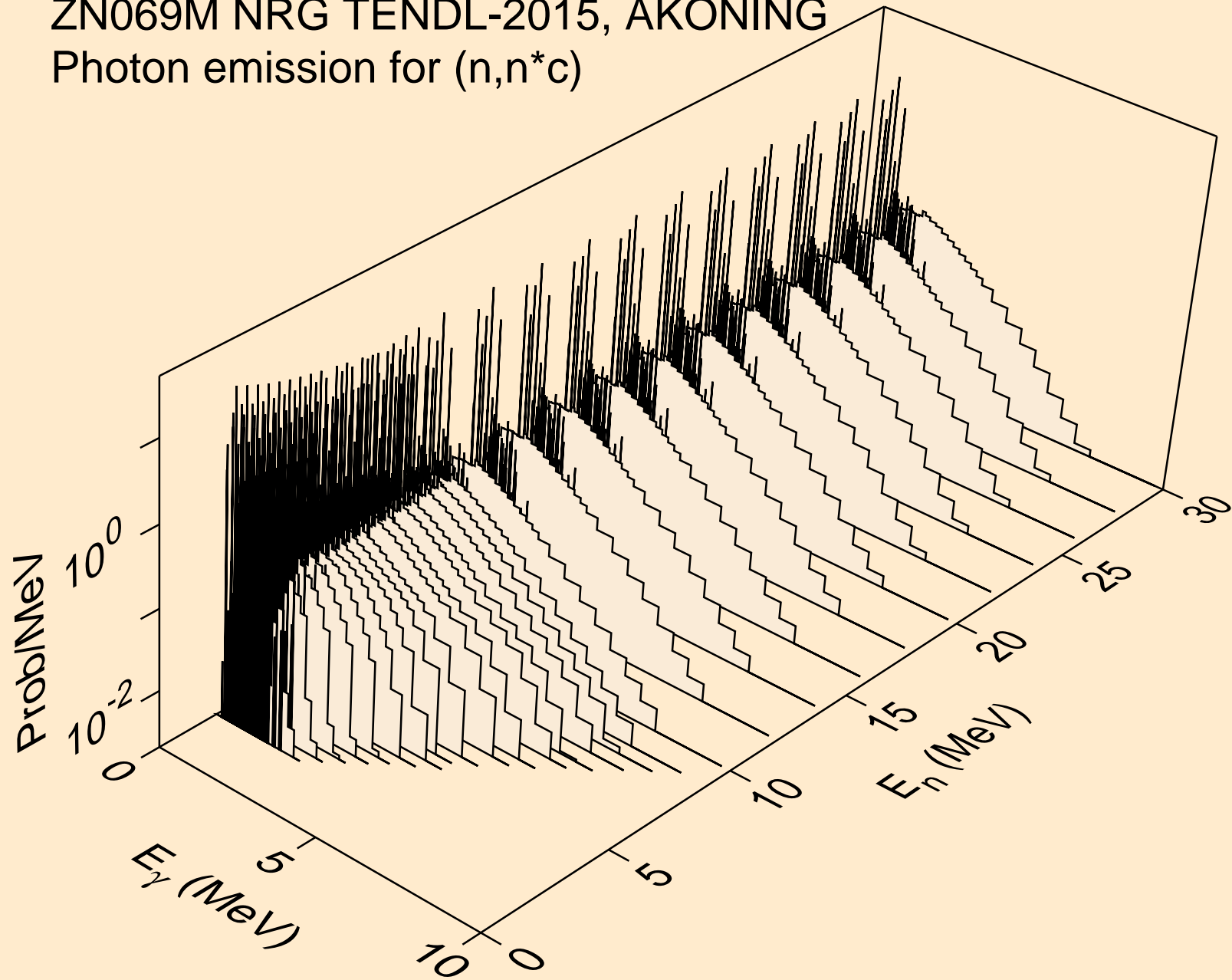
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Photon emission for (n,n\*28)



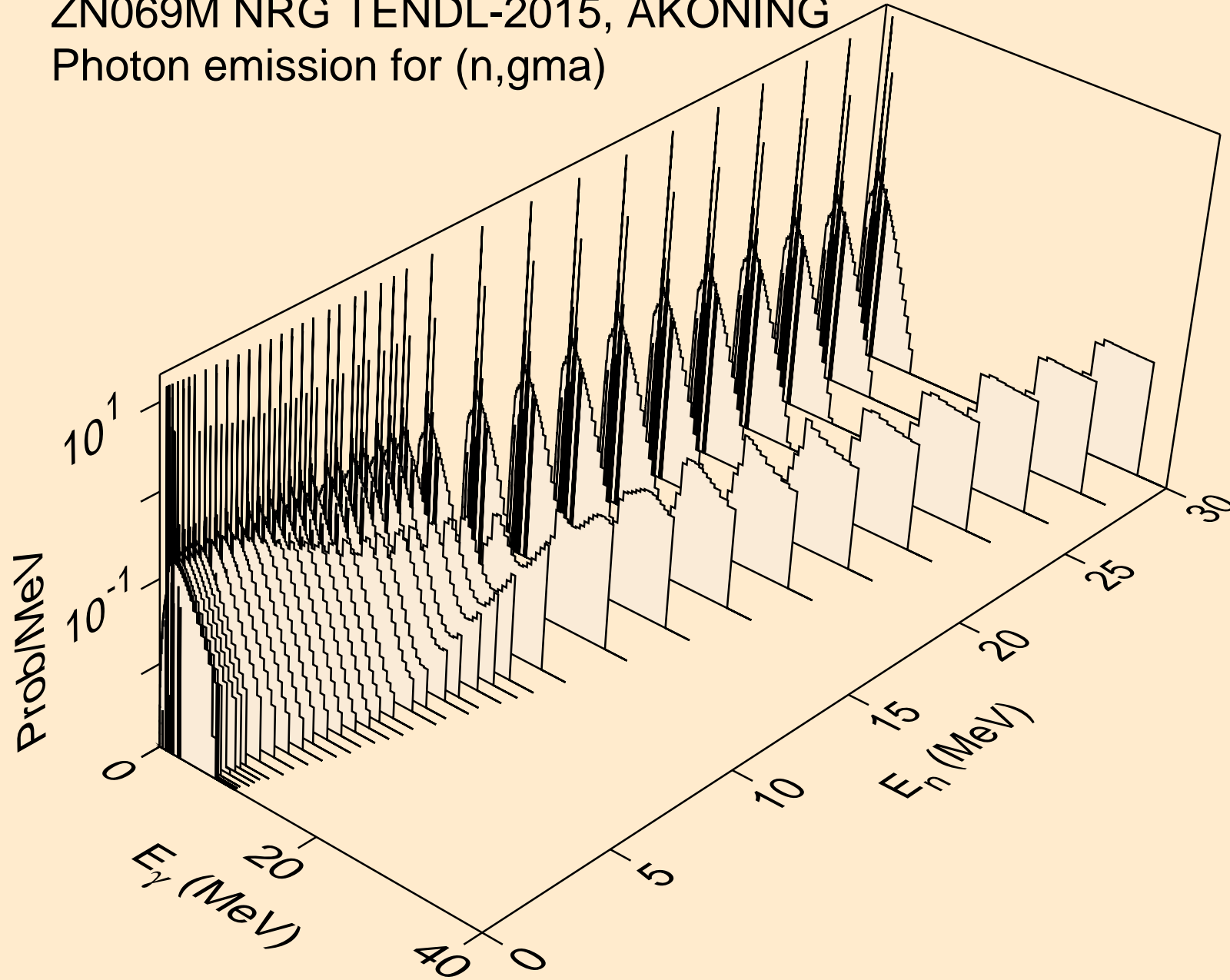
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Photon emission for (n,n\*29)



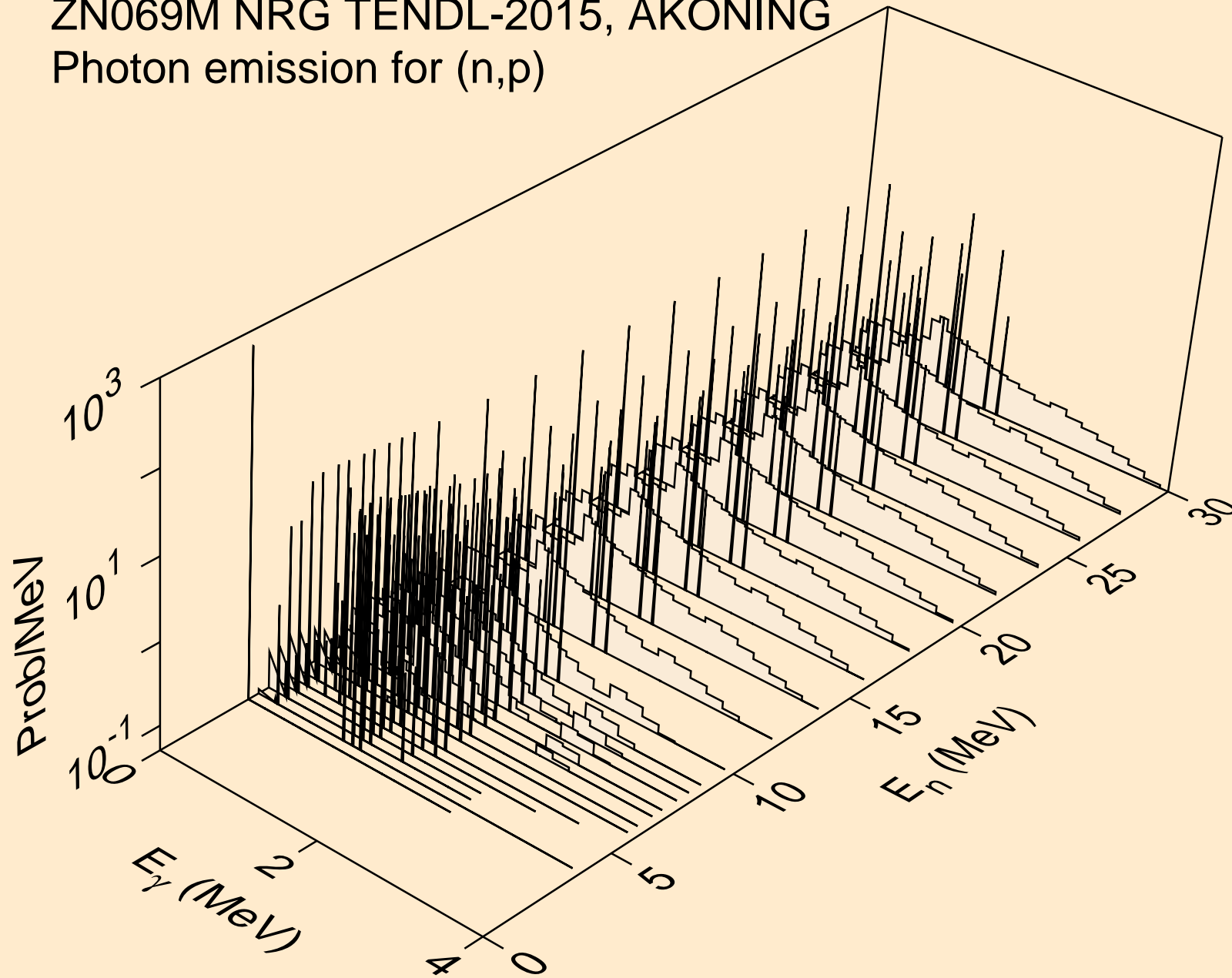
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Photon emission for (n,n\*c)



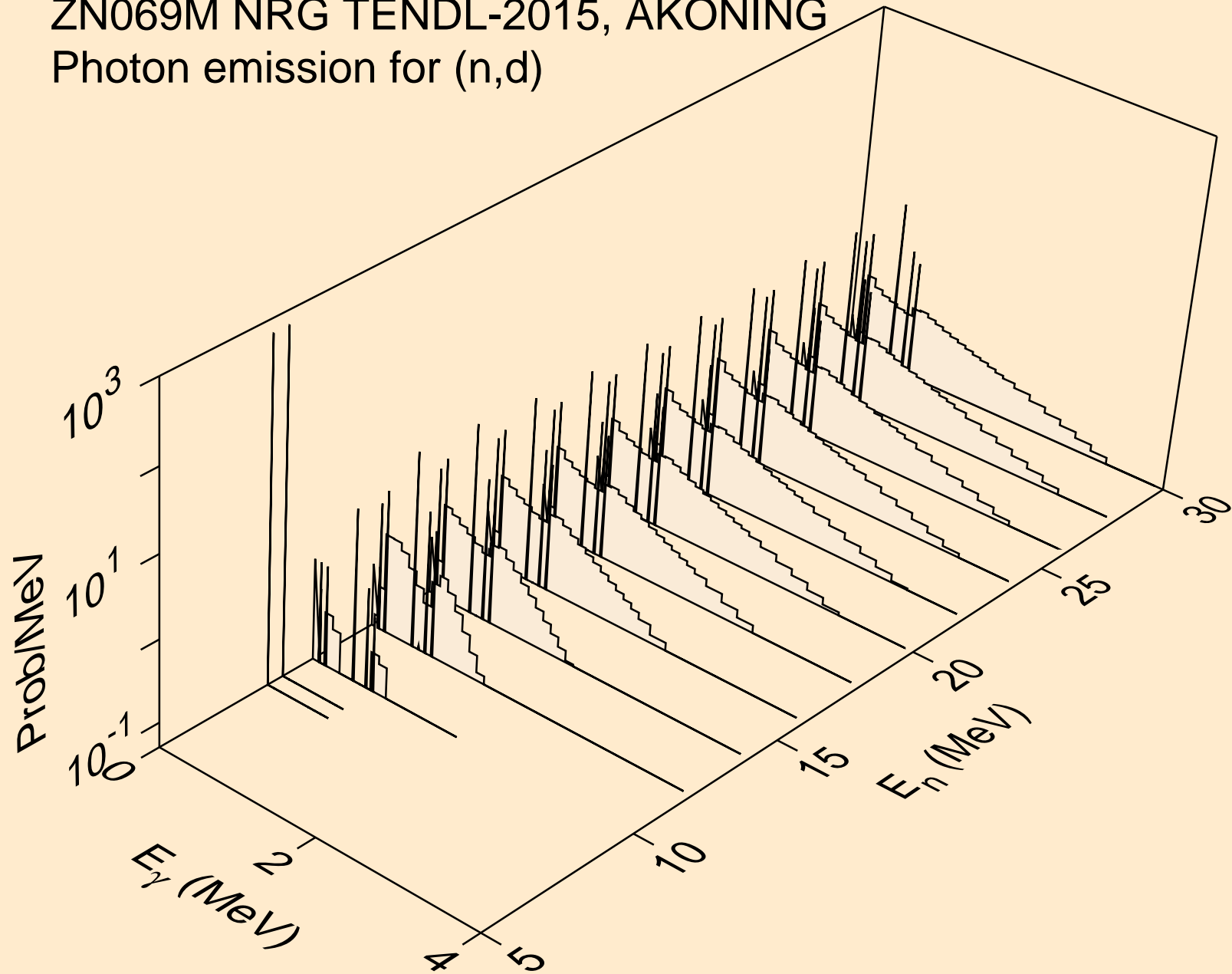
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Photon emission for (n,gma)



ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

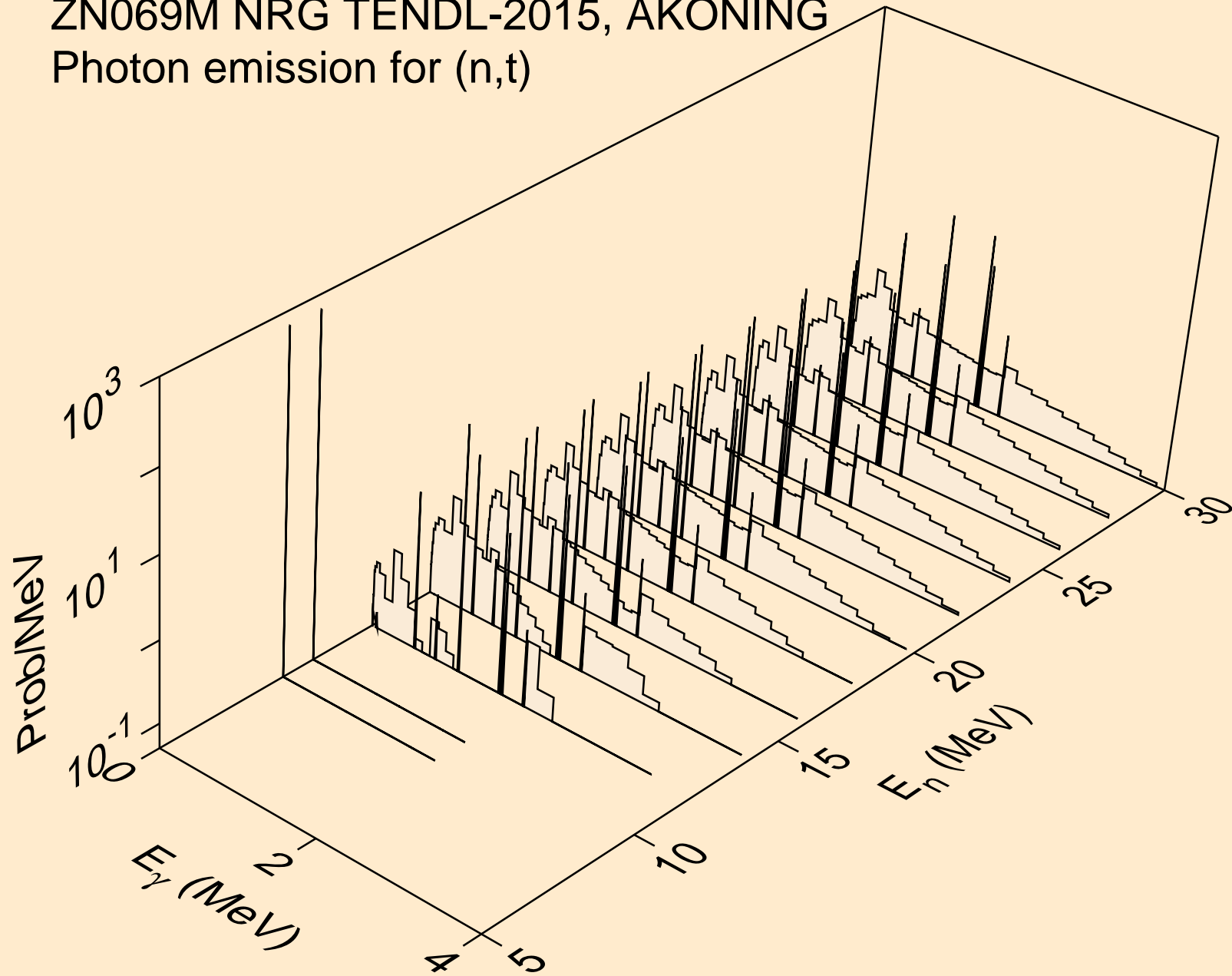


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Photon emission for (n,d)

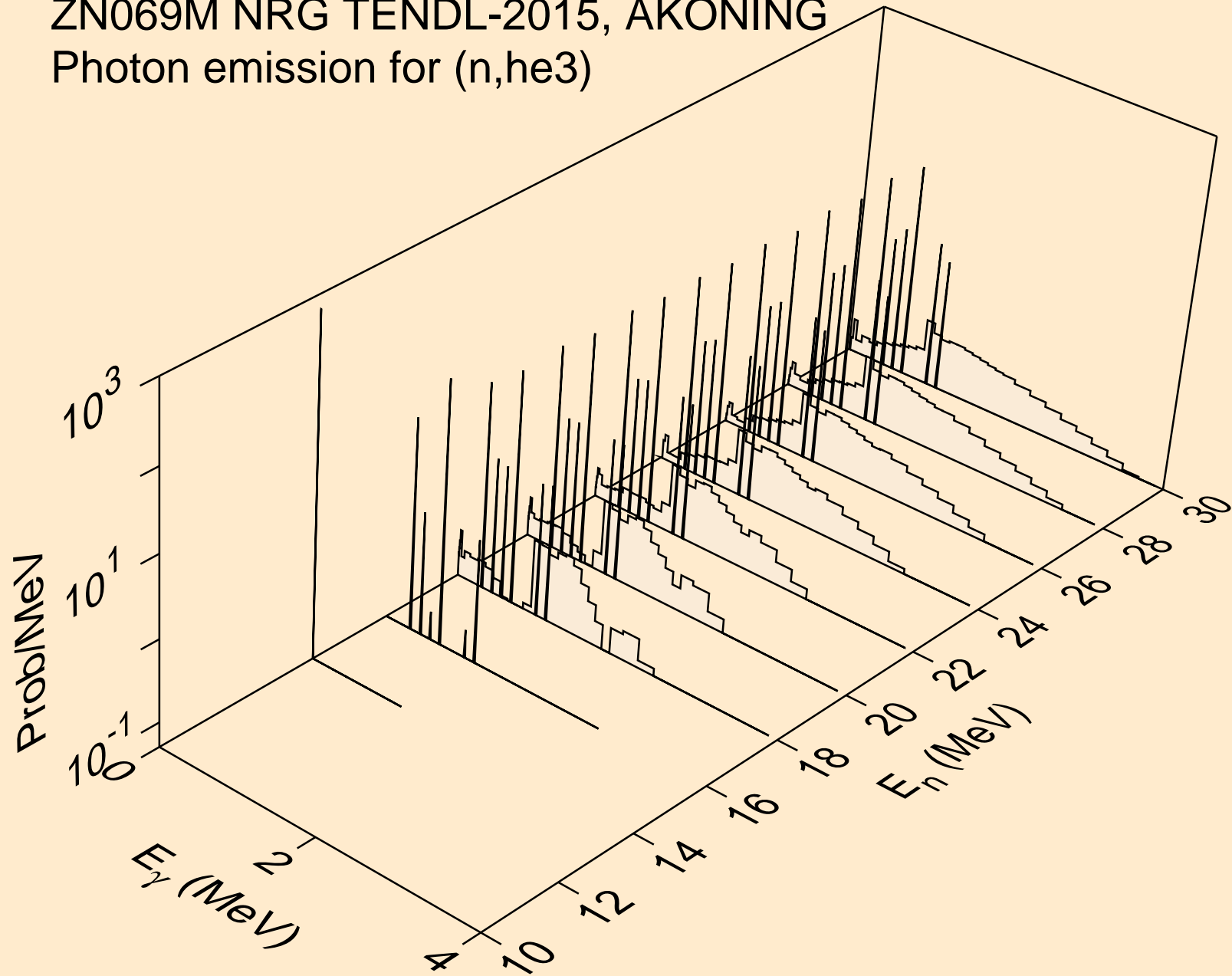




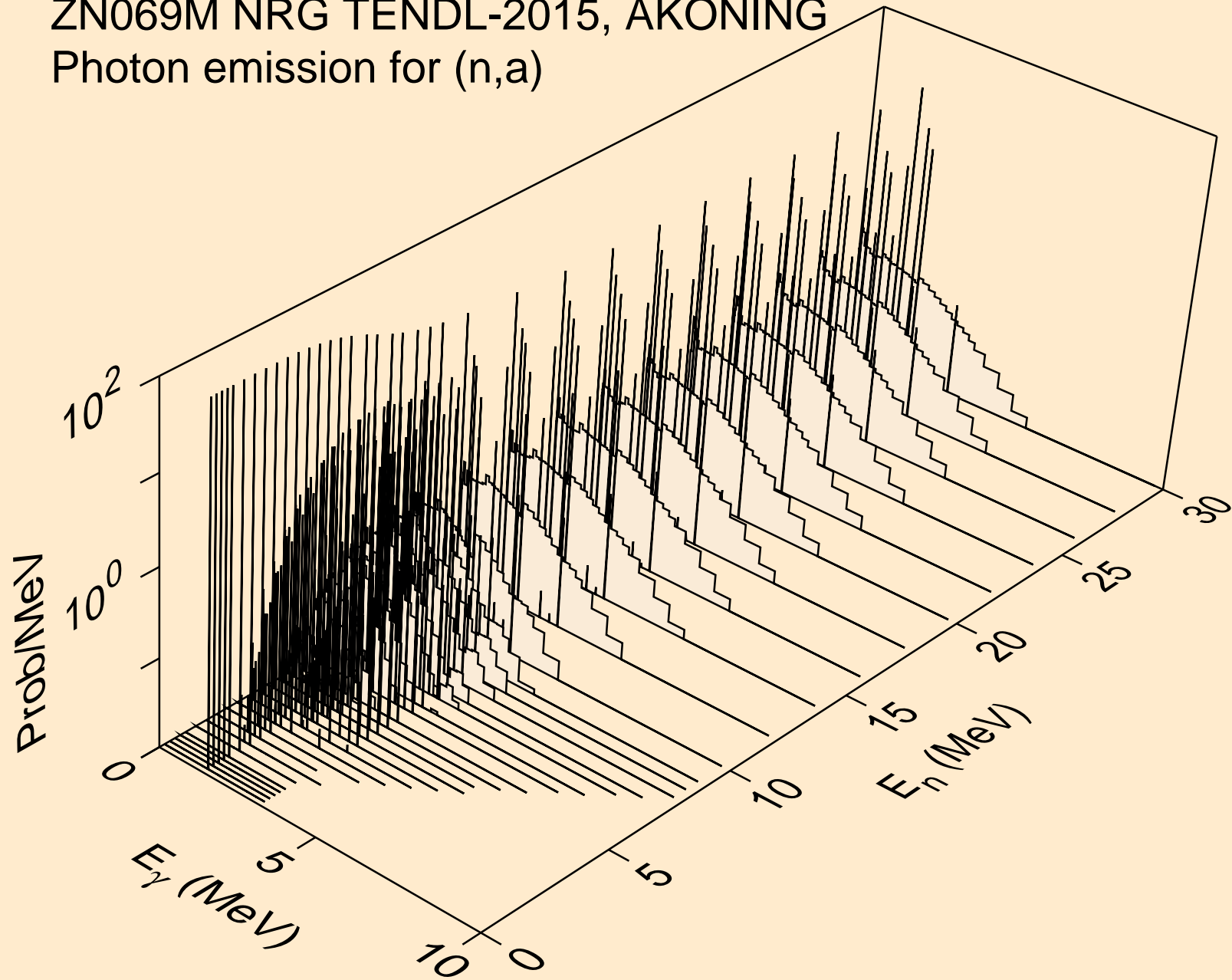
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Photon emission for (n,t)



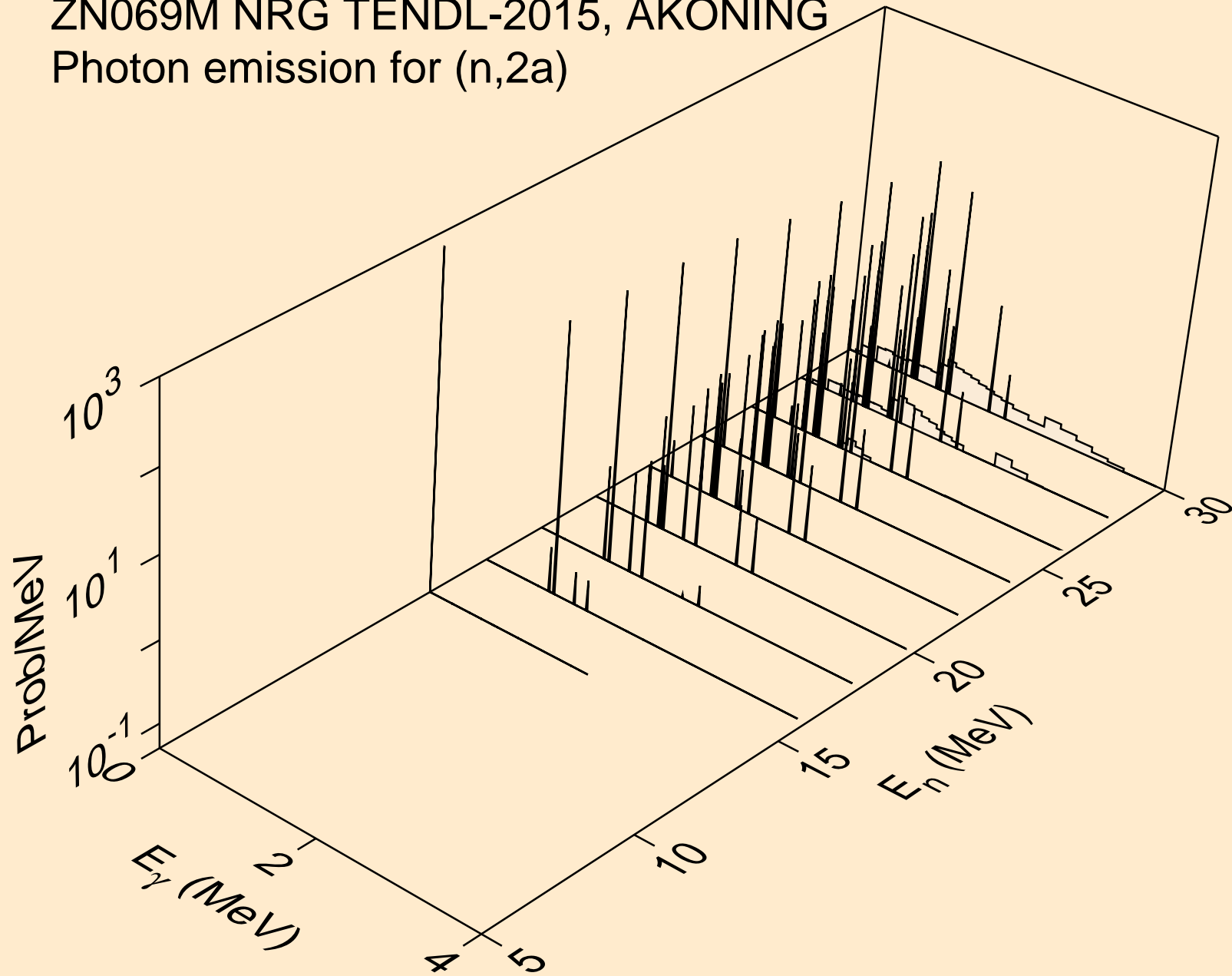
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Photon emission for (n,he3)



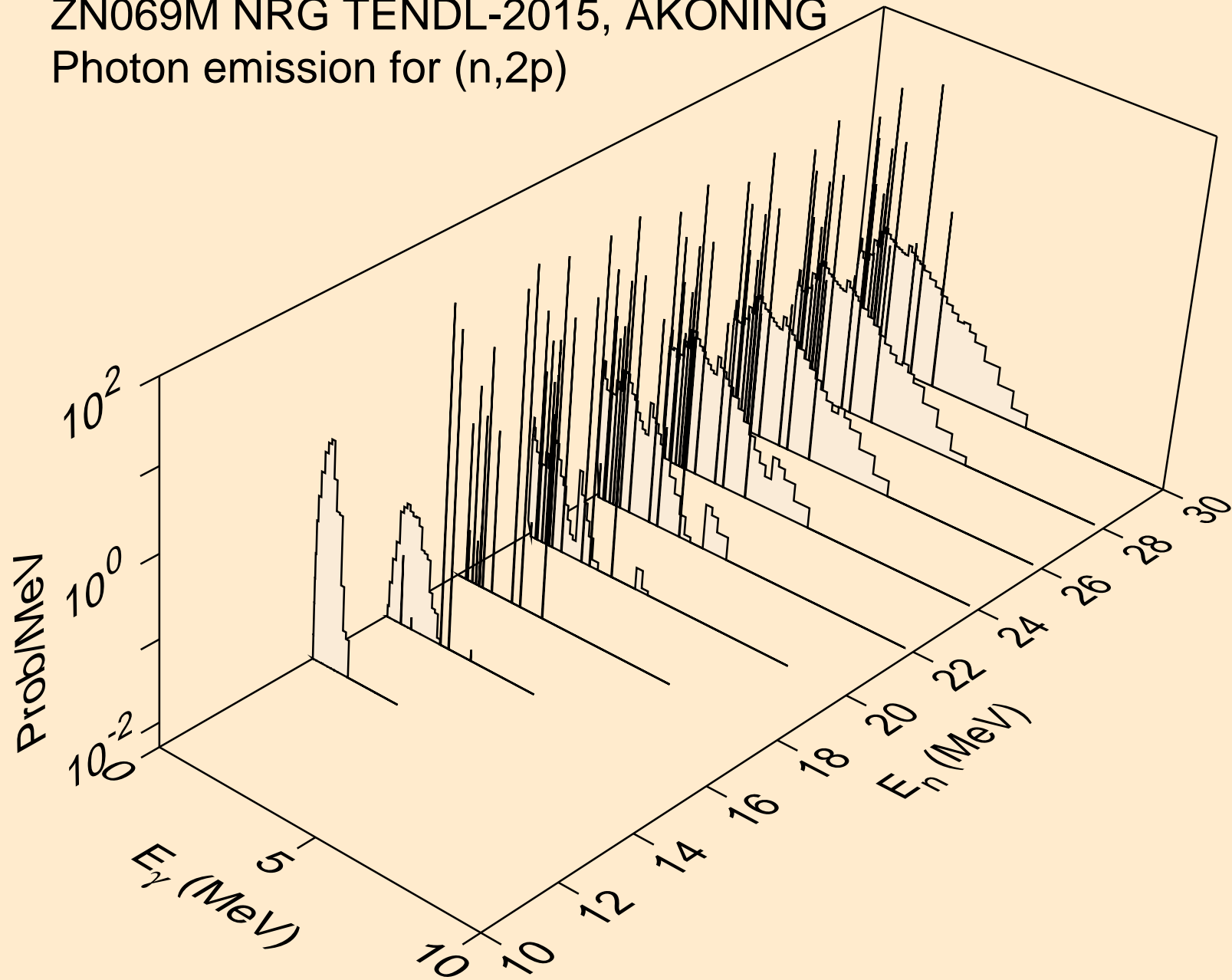
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Photon emission for (n,a)



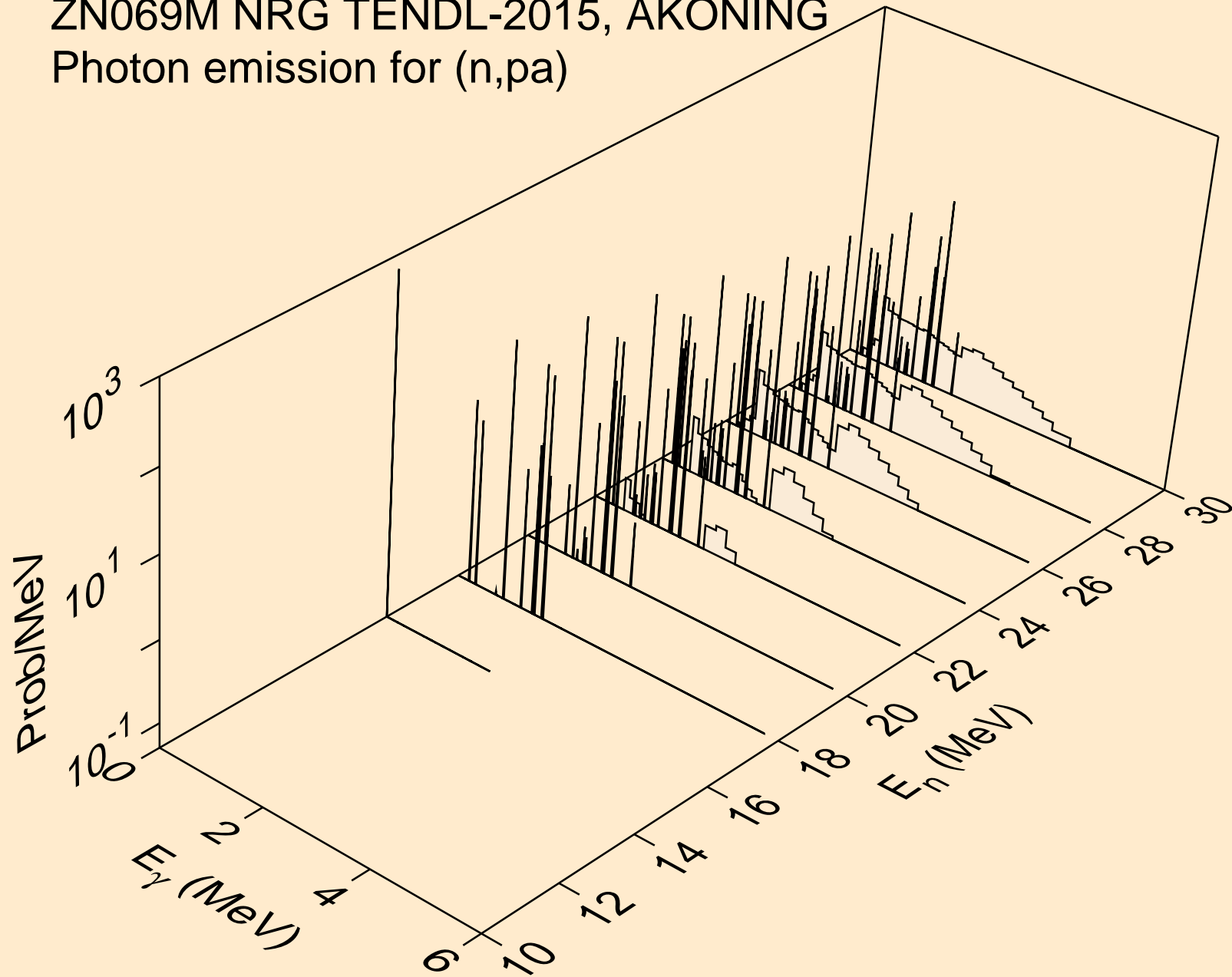
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Photon emission for (n,2a)



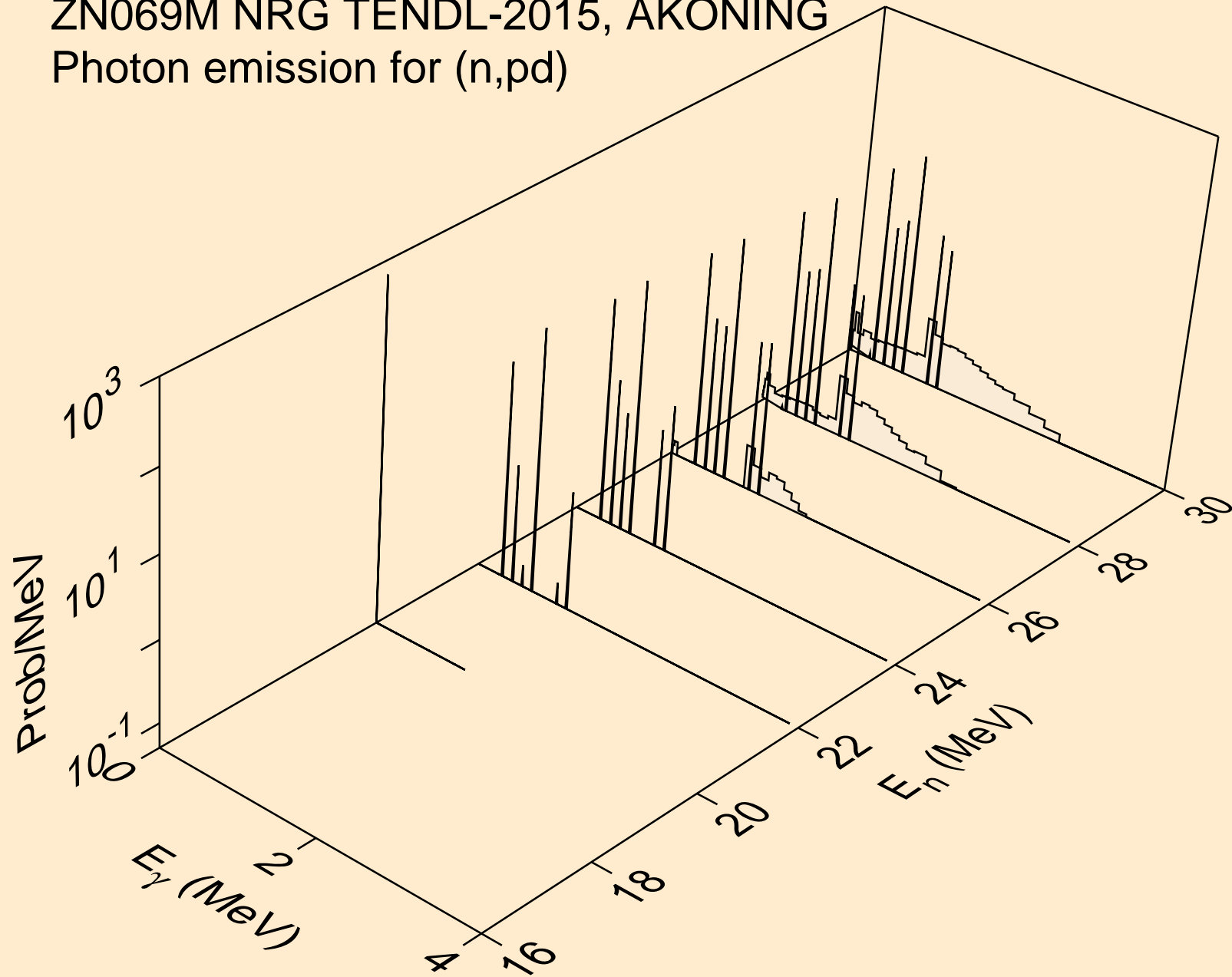
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Photon emission for (n,2p)



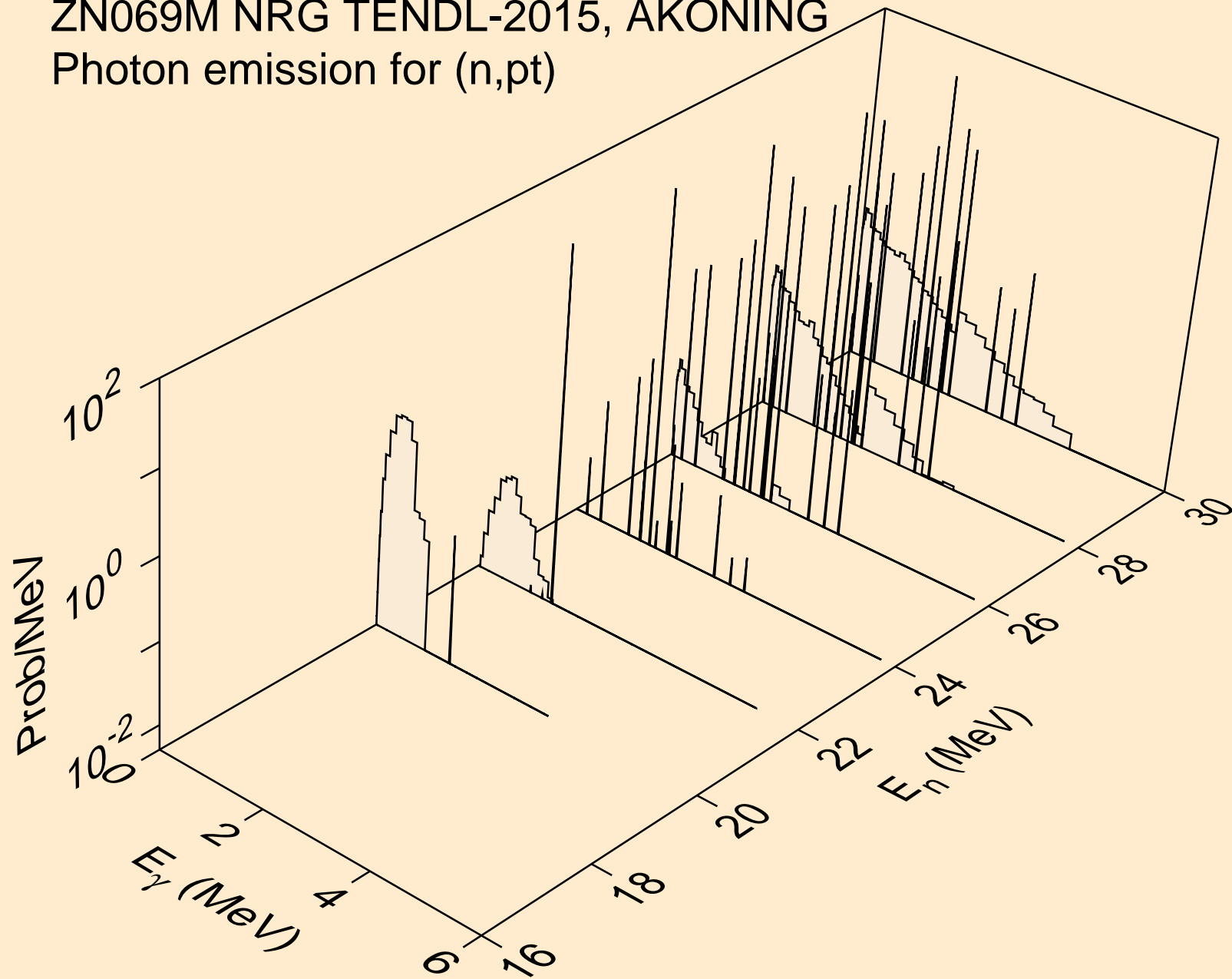
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Photon emission for (n,pa)



ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

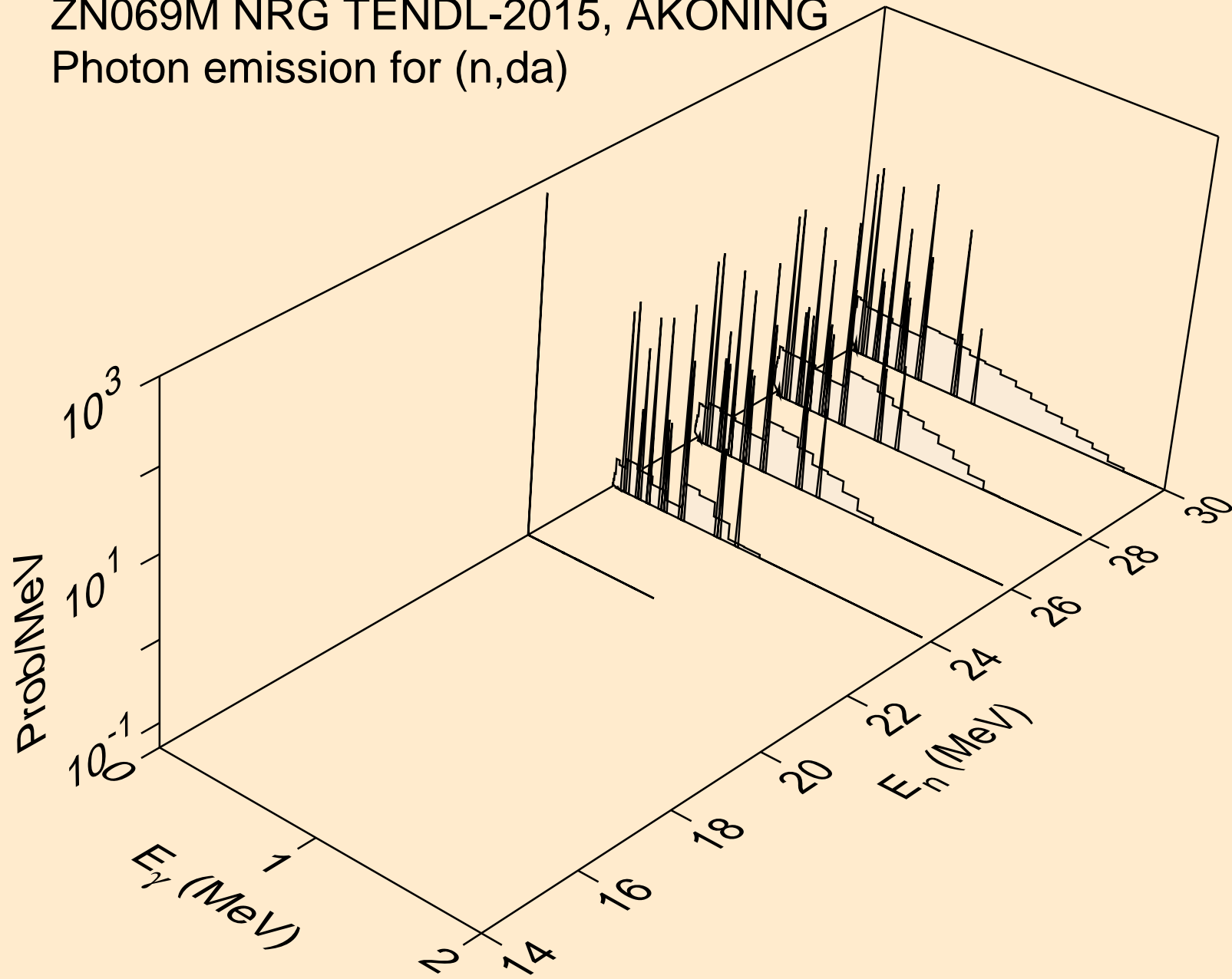


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Photon emission for (n,pt)

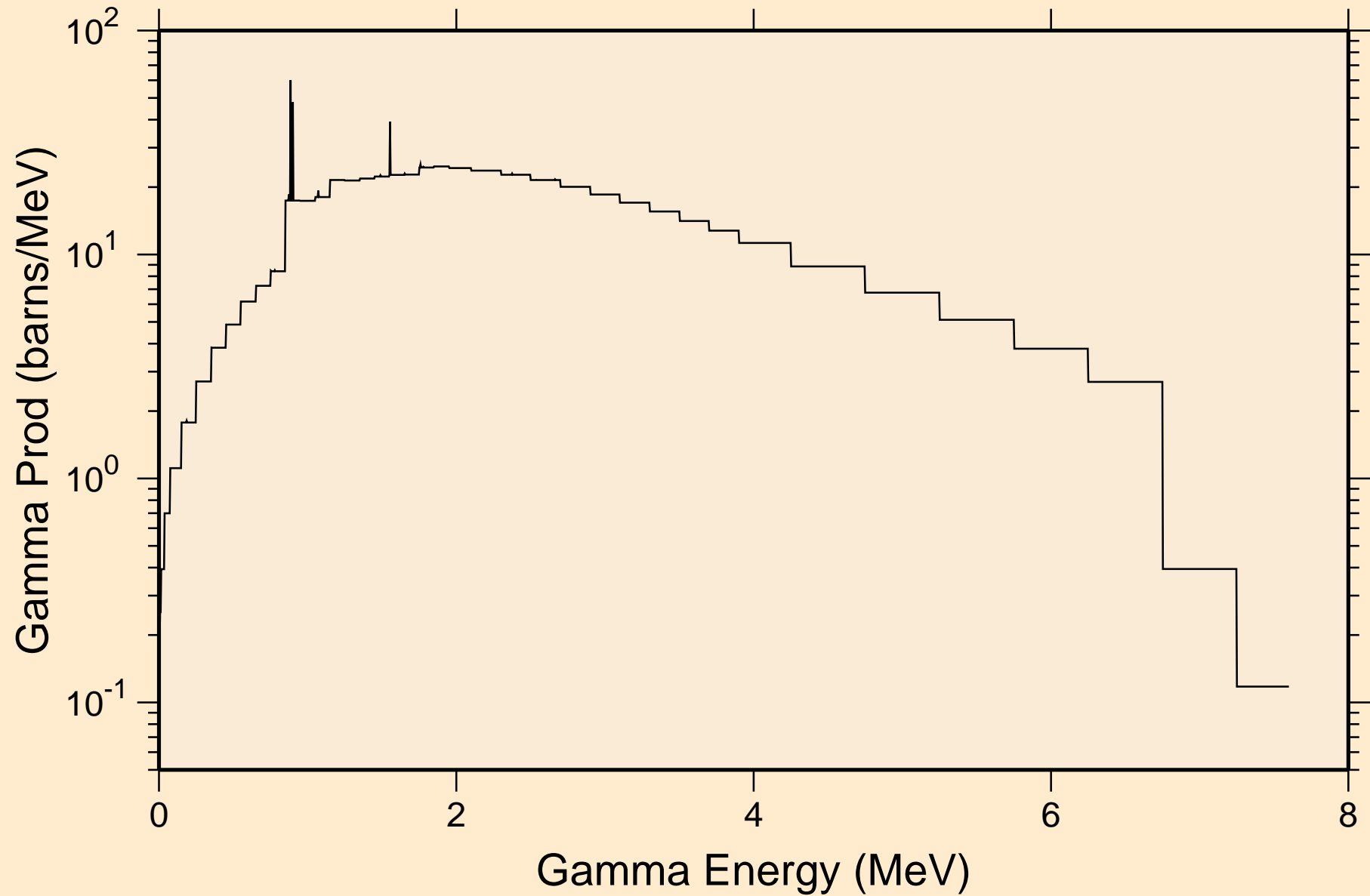




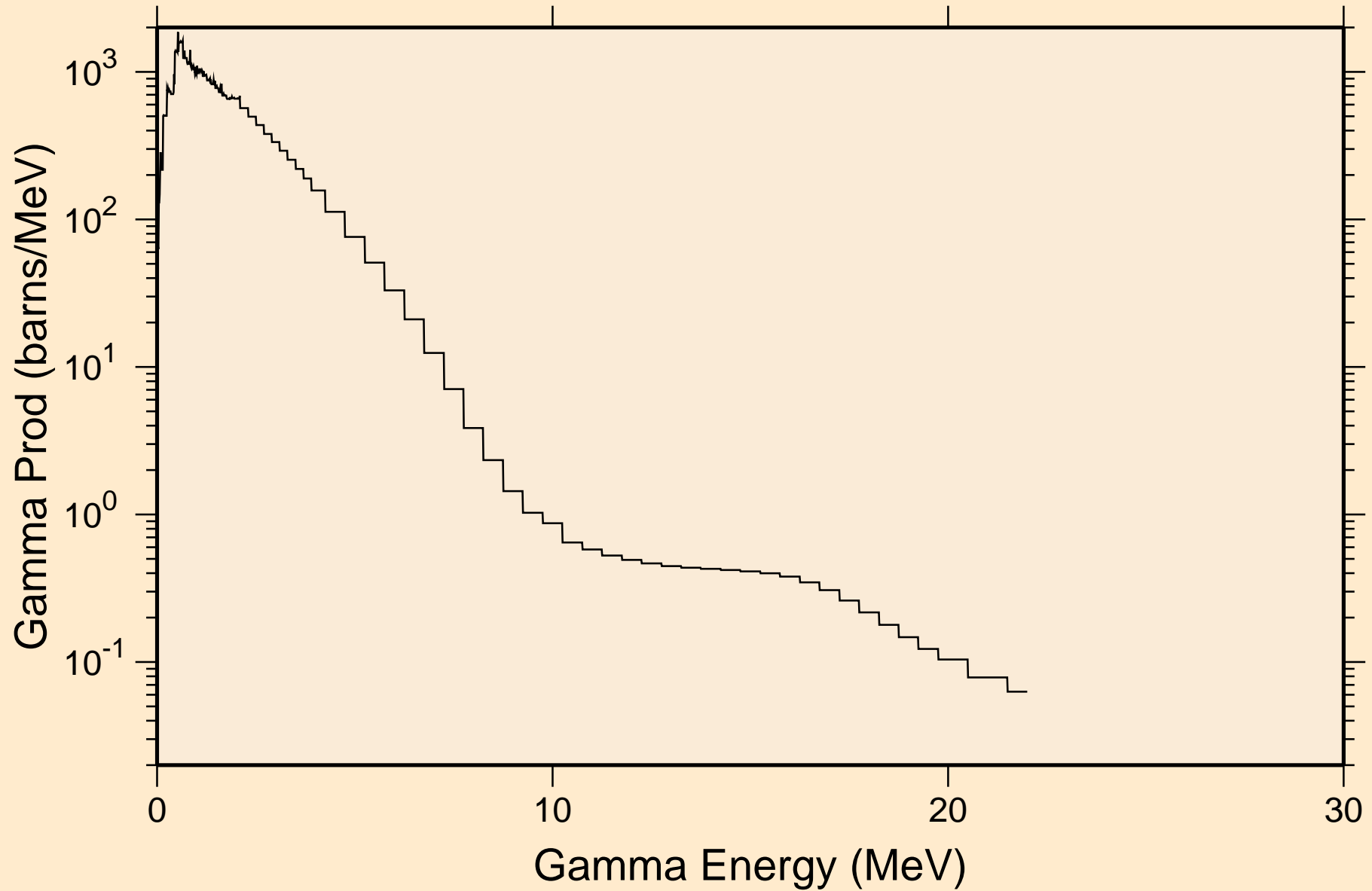
ZN069M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



ZN069M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

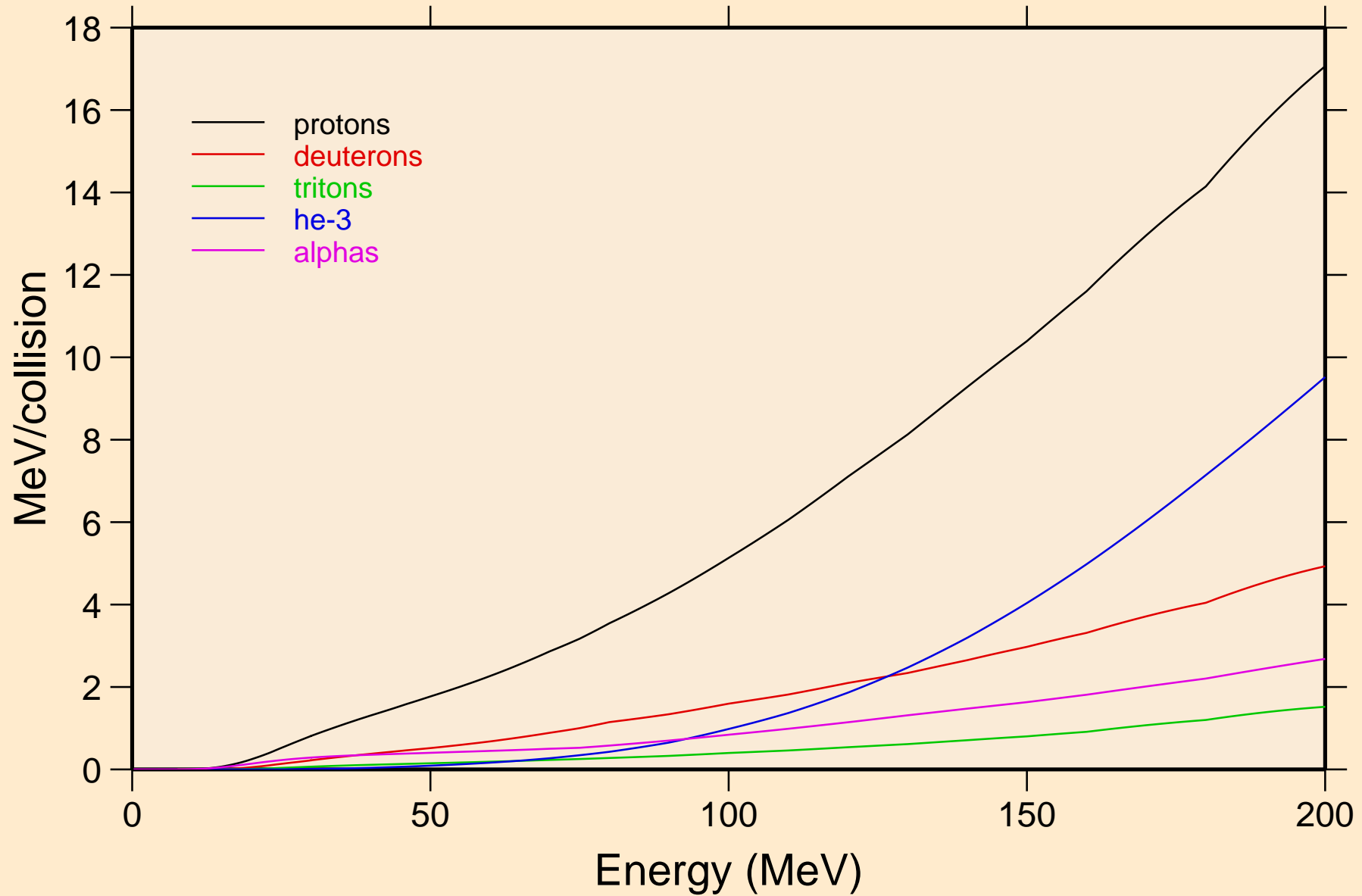


ZN069M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



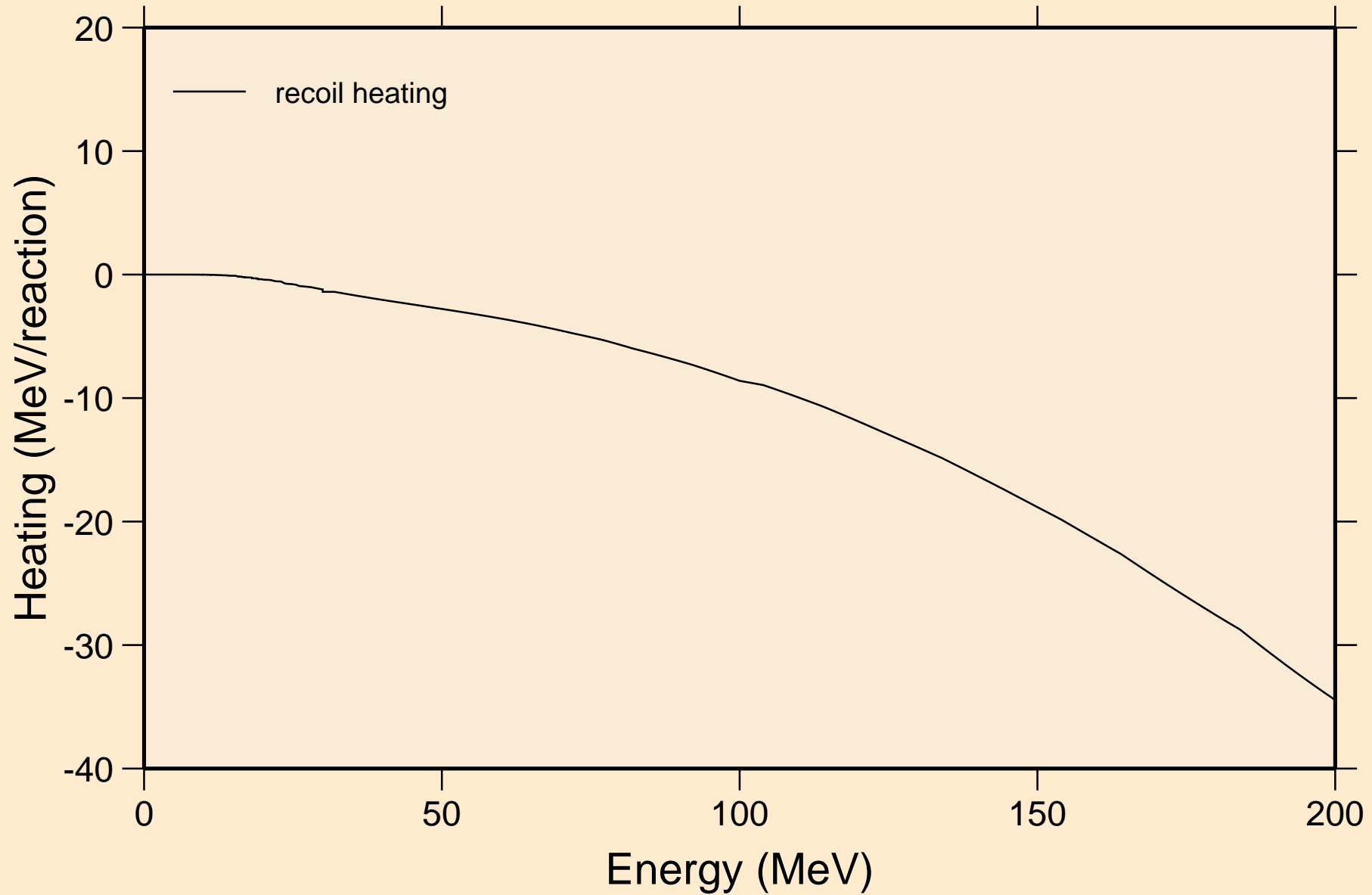
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## Particle heating contributions



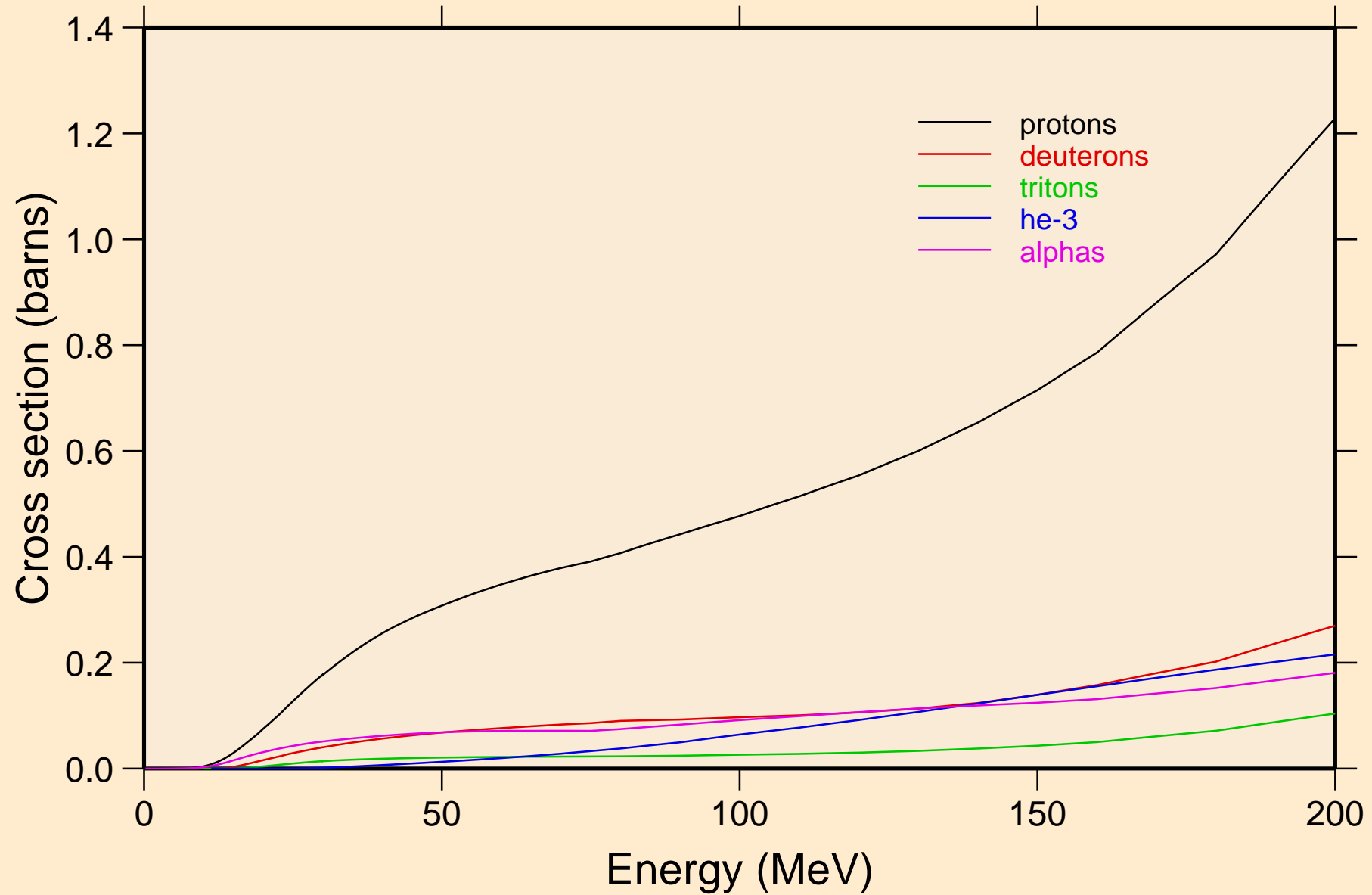
# ZN069M NRG TENDL-2015, AKONING

## Recoil Heating

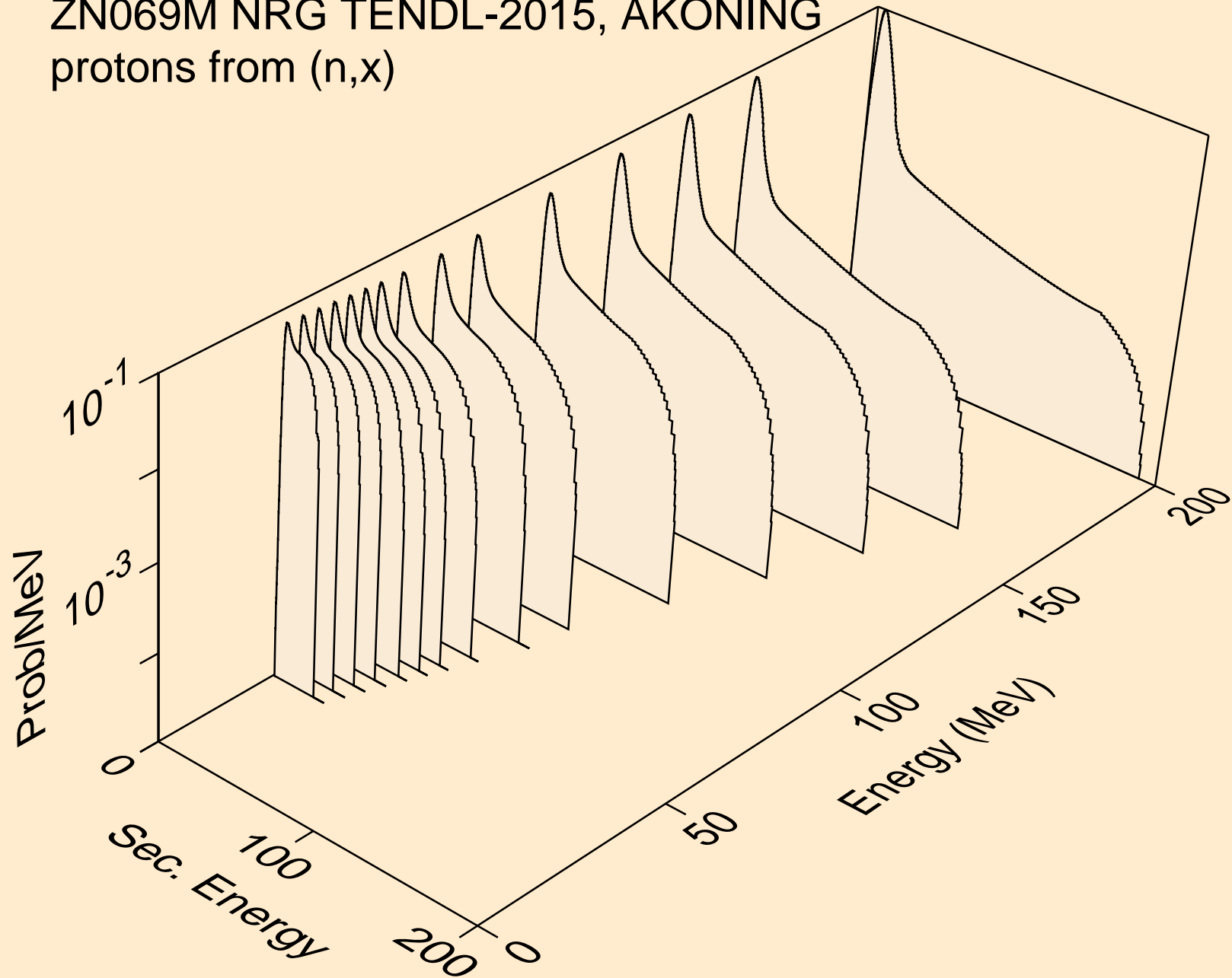


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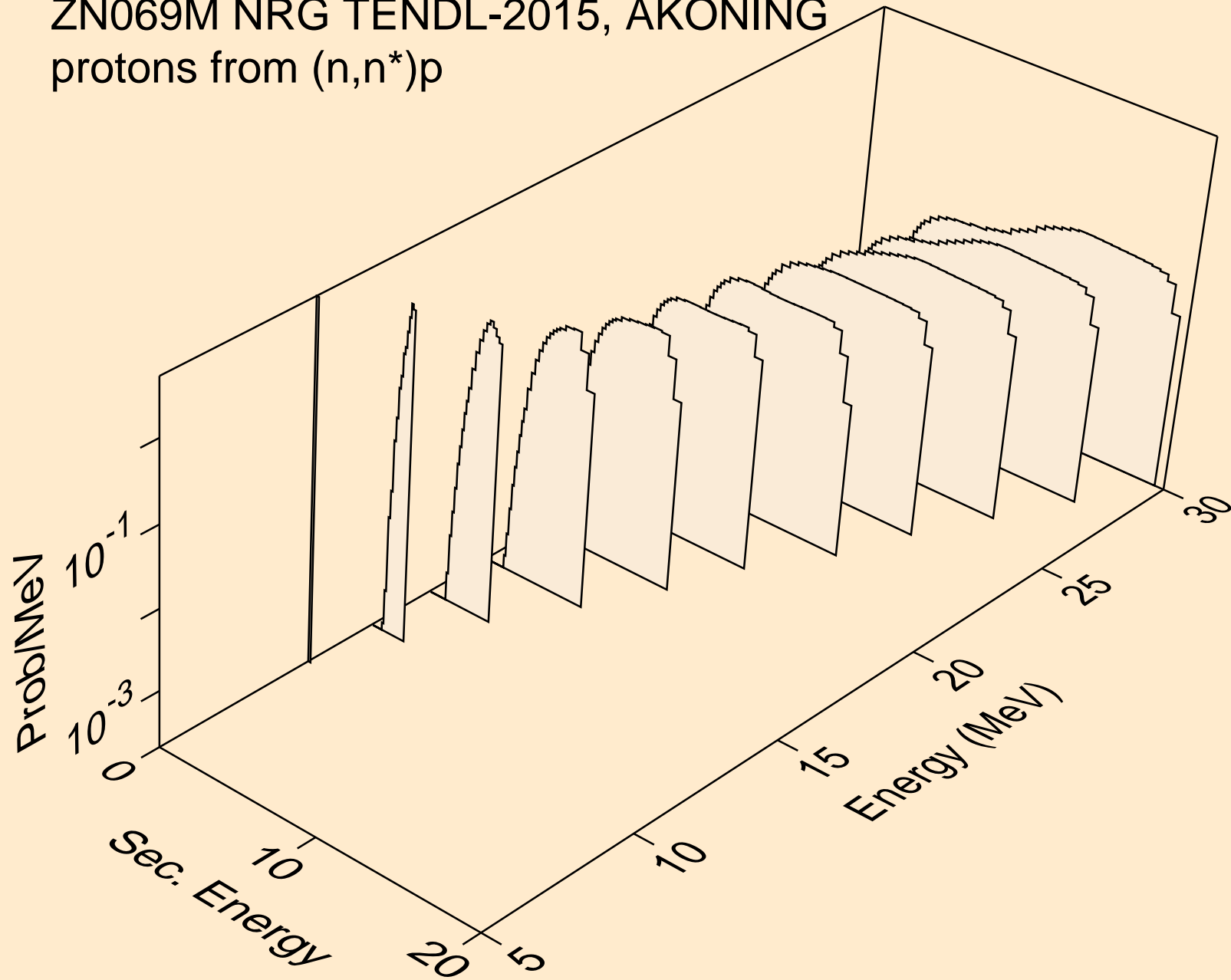
## Particle production cross sections



ZN069M NRG TENDL-2015, AKONING  
protons from (n,x)

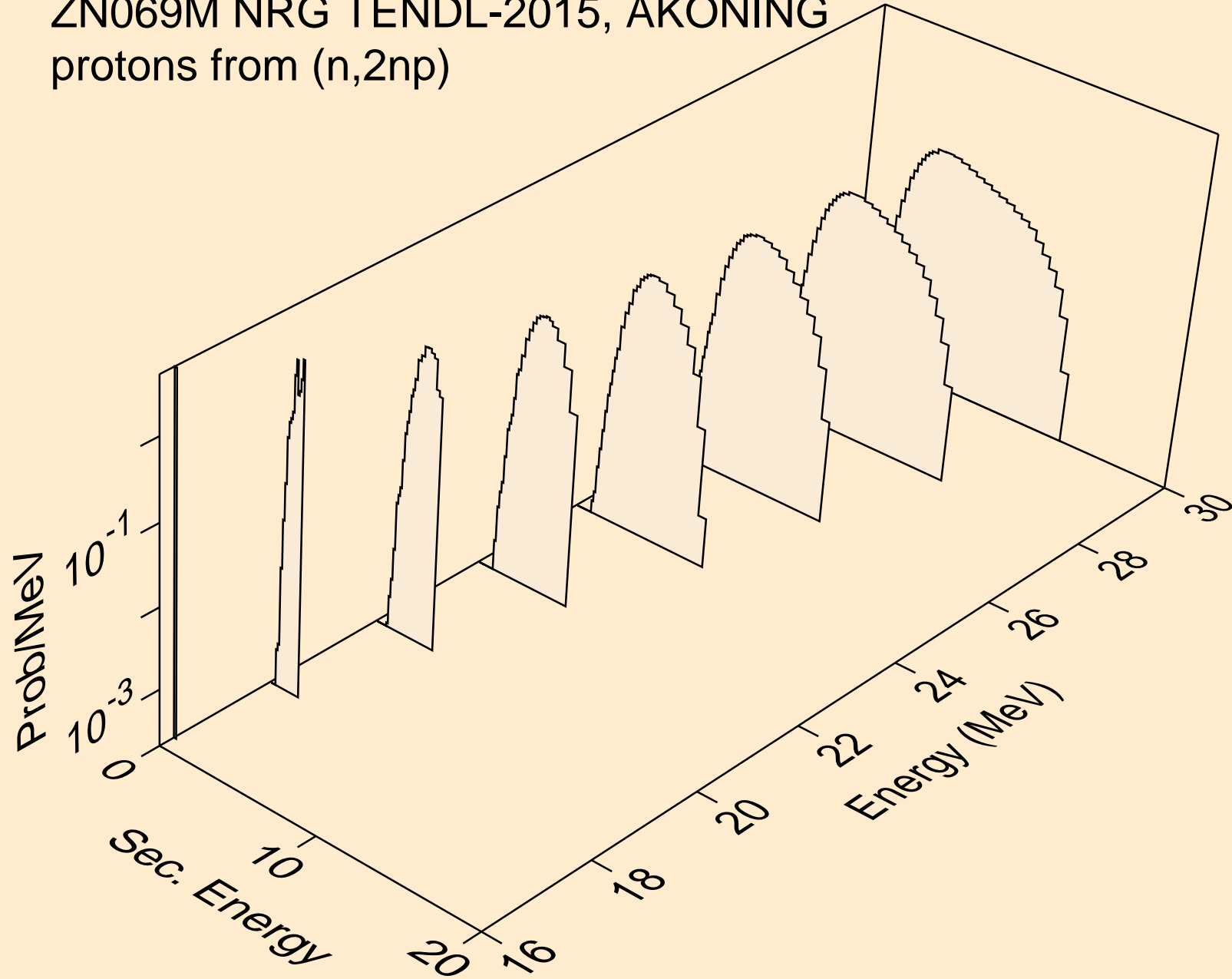


ZN069M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

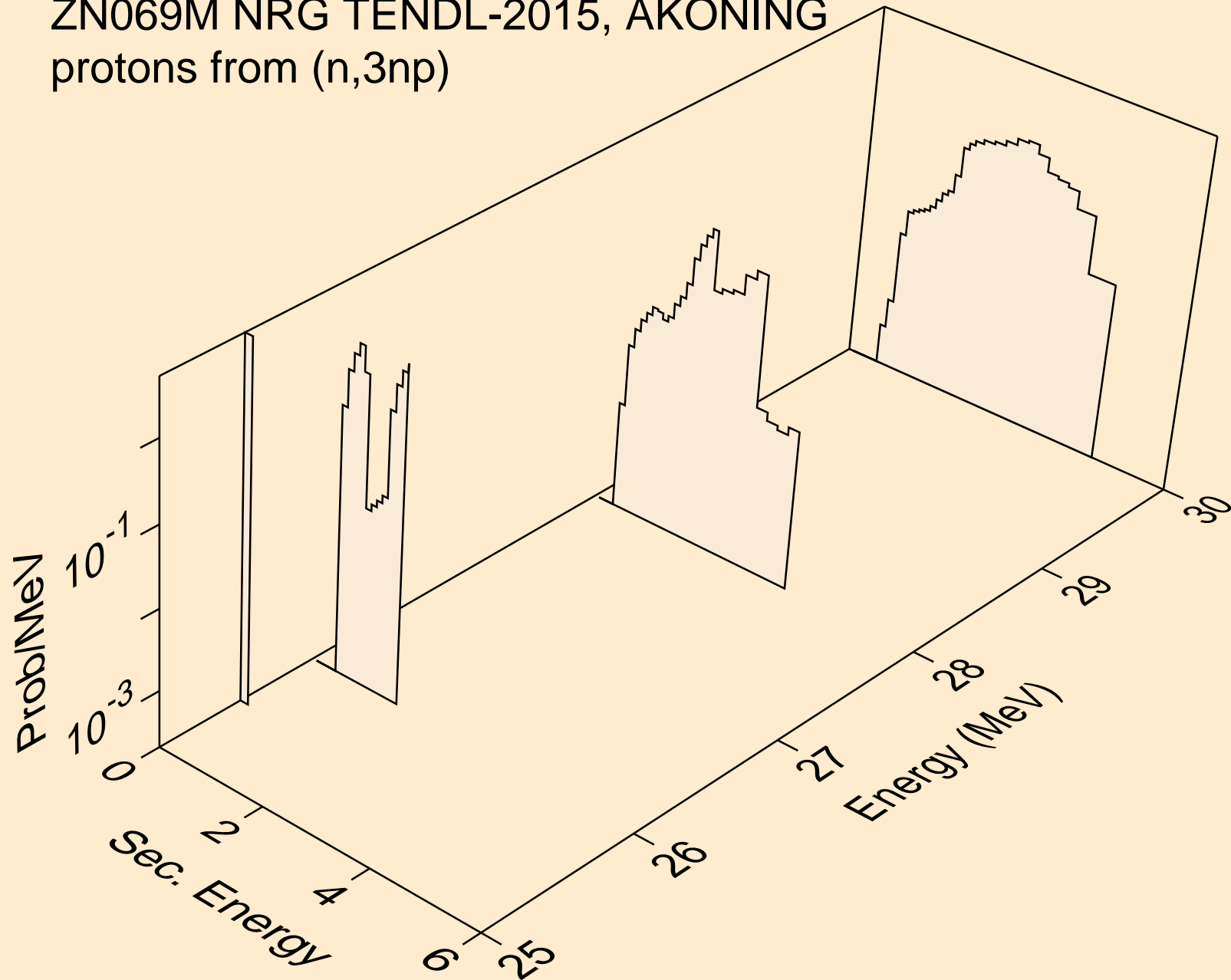




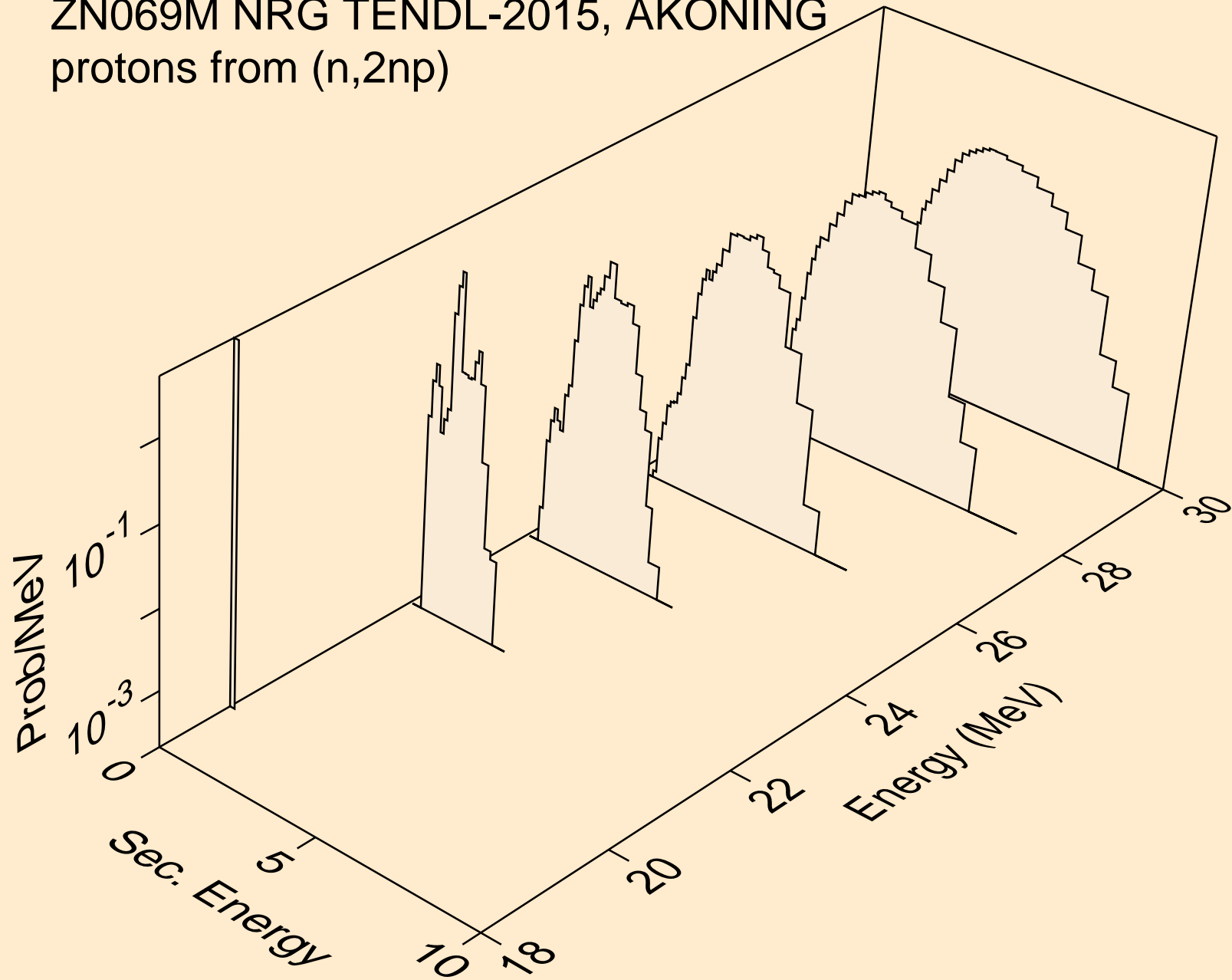
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protons from (n,2np)



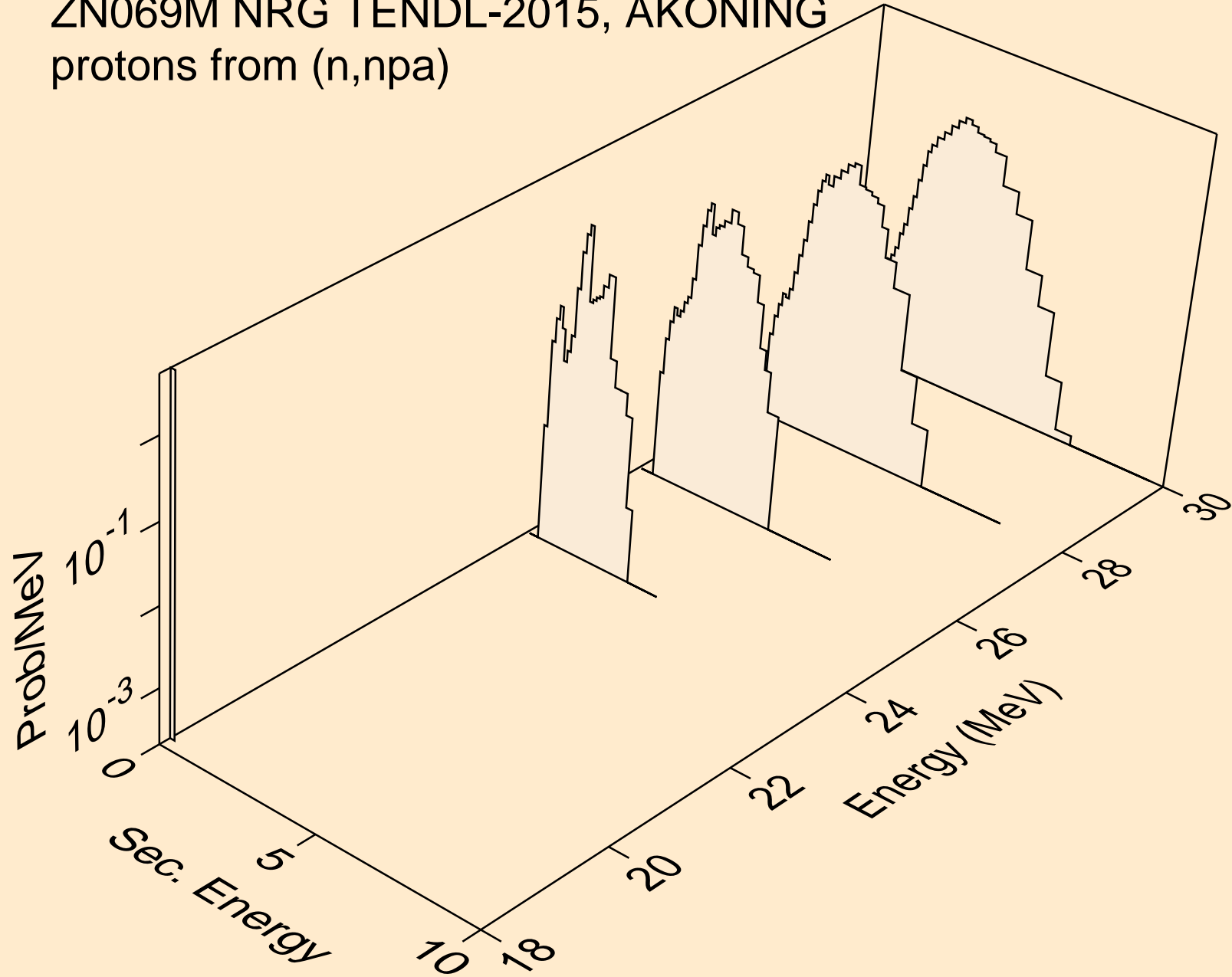
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protons from (n,3np)



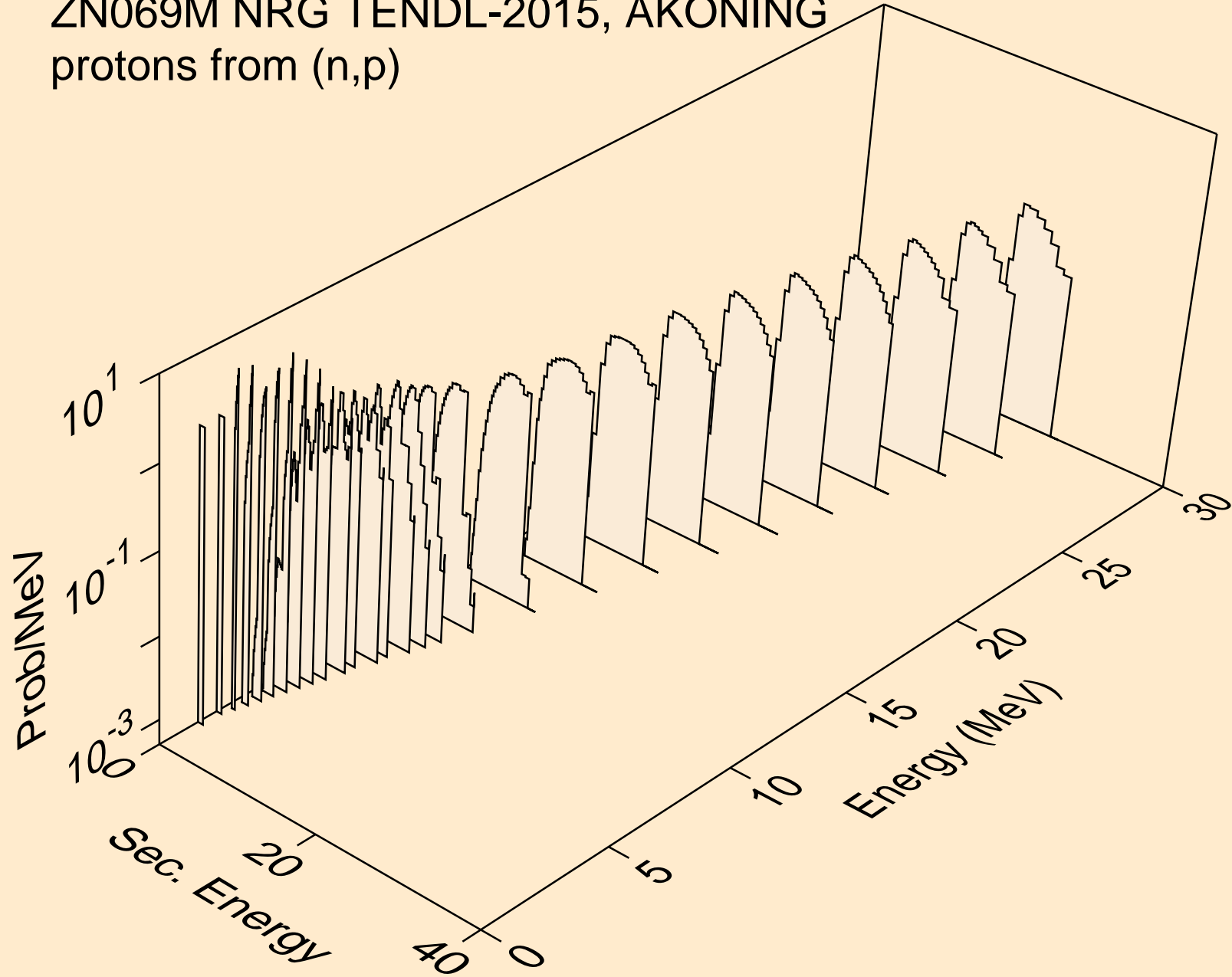
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protons from (n,2np)



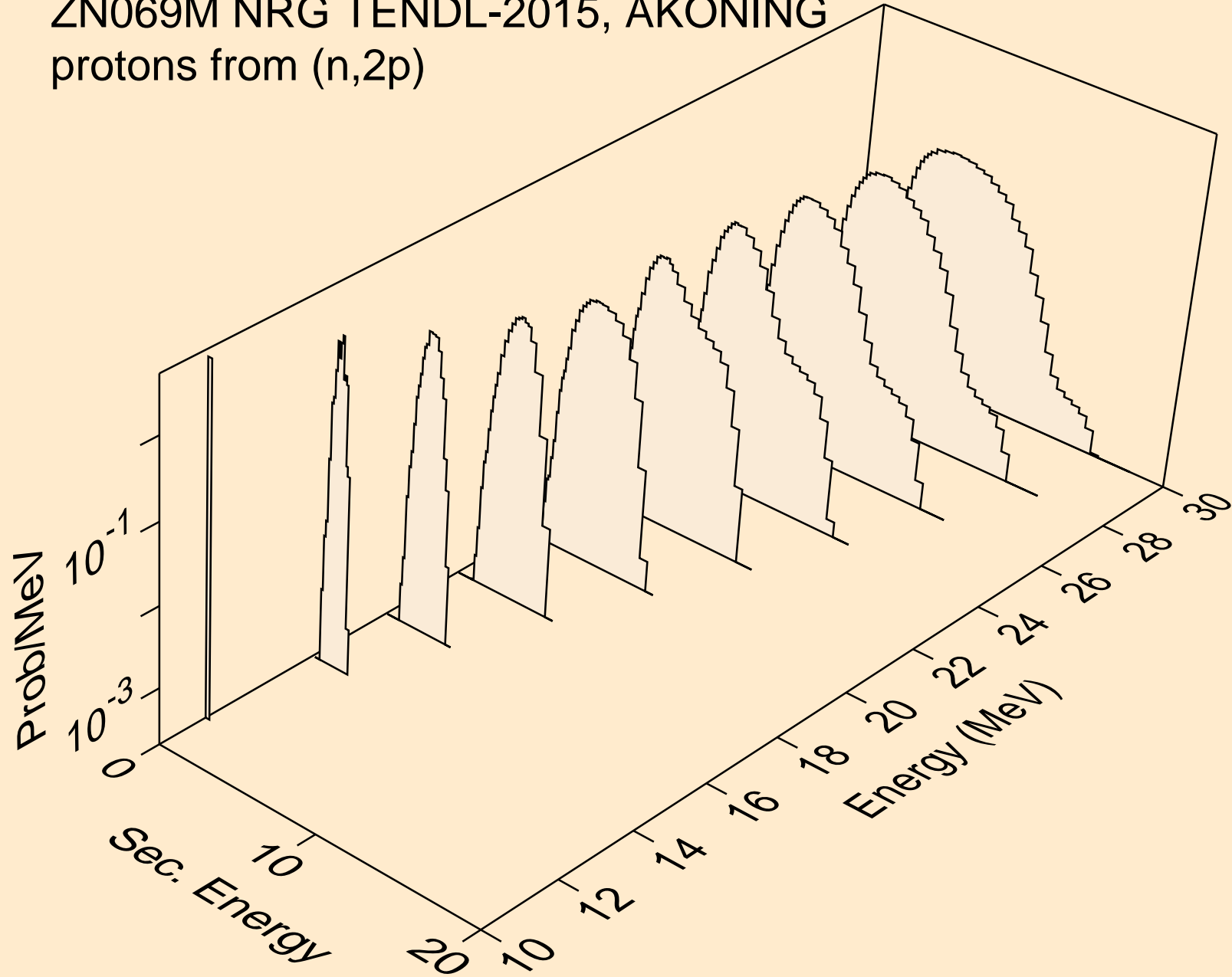
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protons from (n,npa)



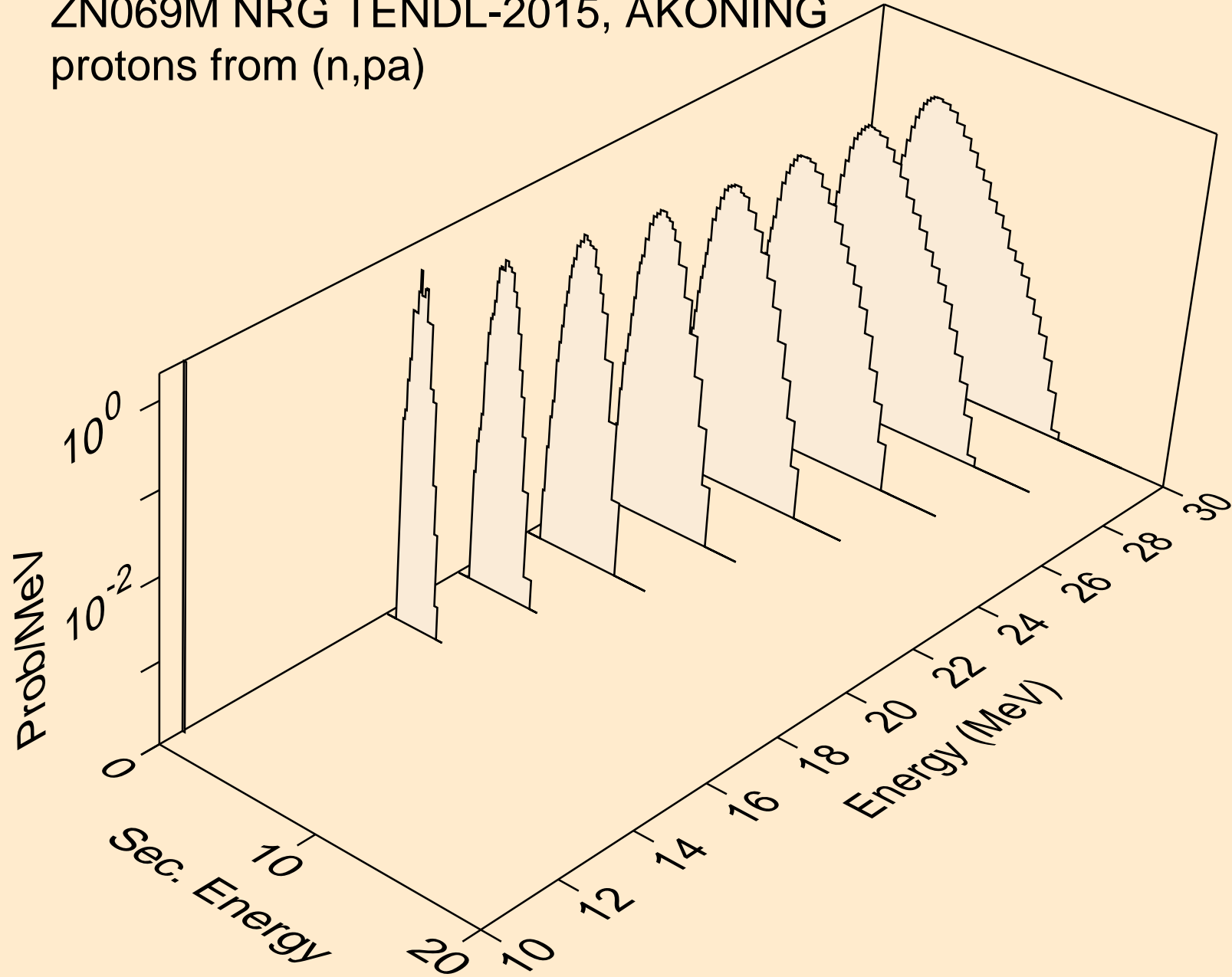
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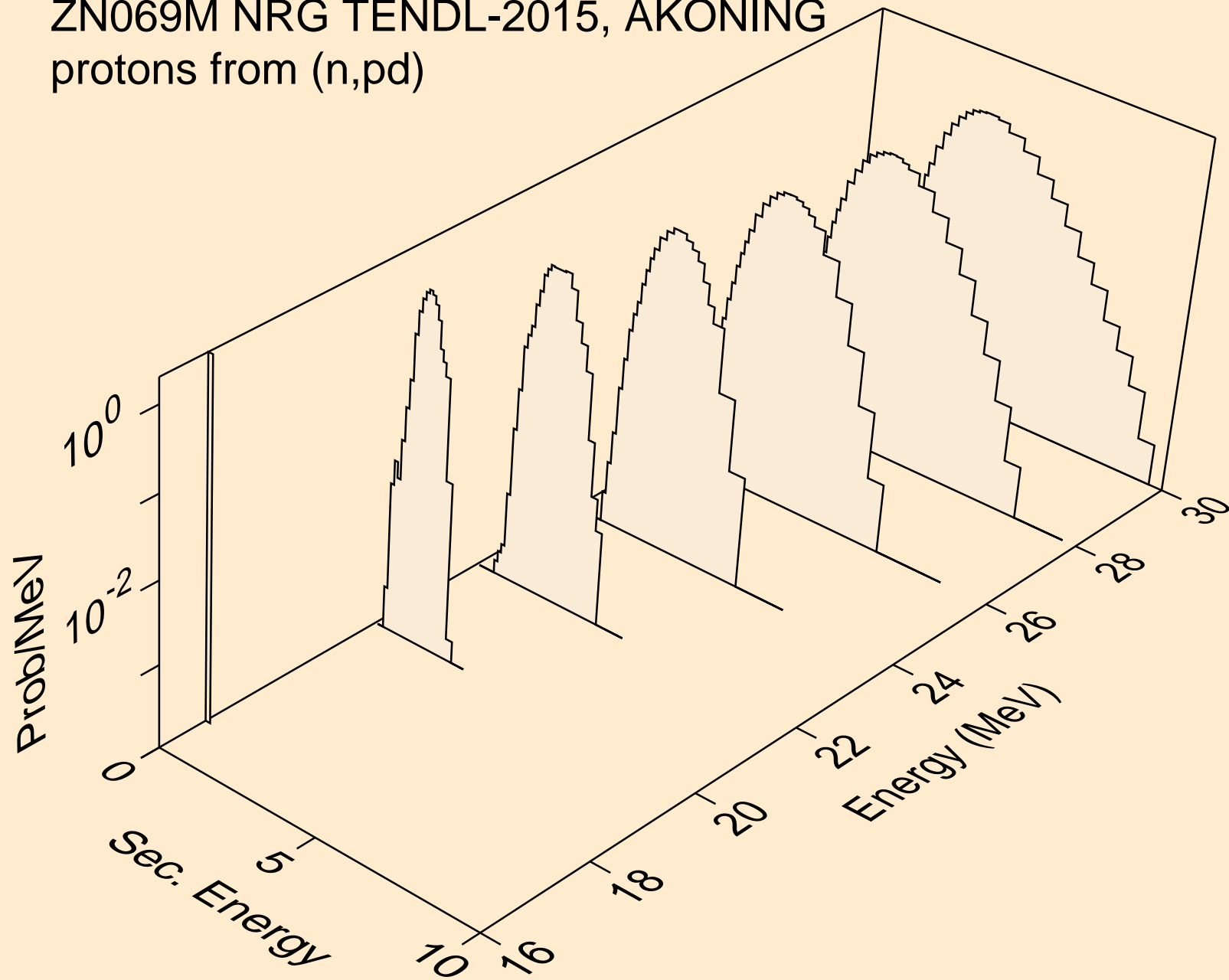
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protons from (n,2p)



ZN069M NRG TENDL-2015, AKONING  
protons from (n,pa)

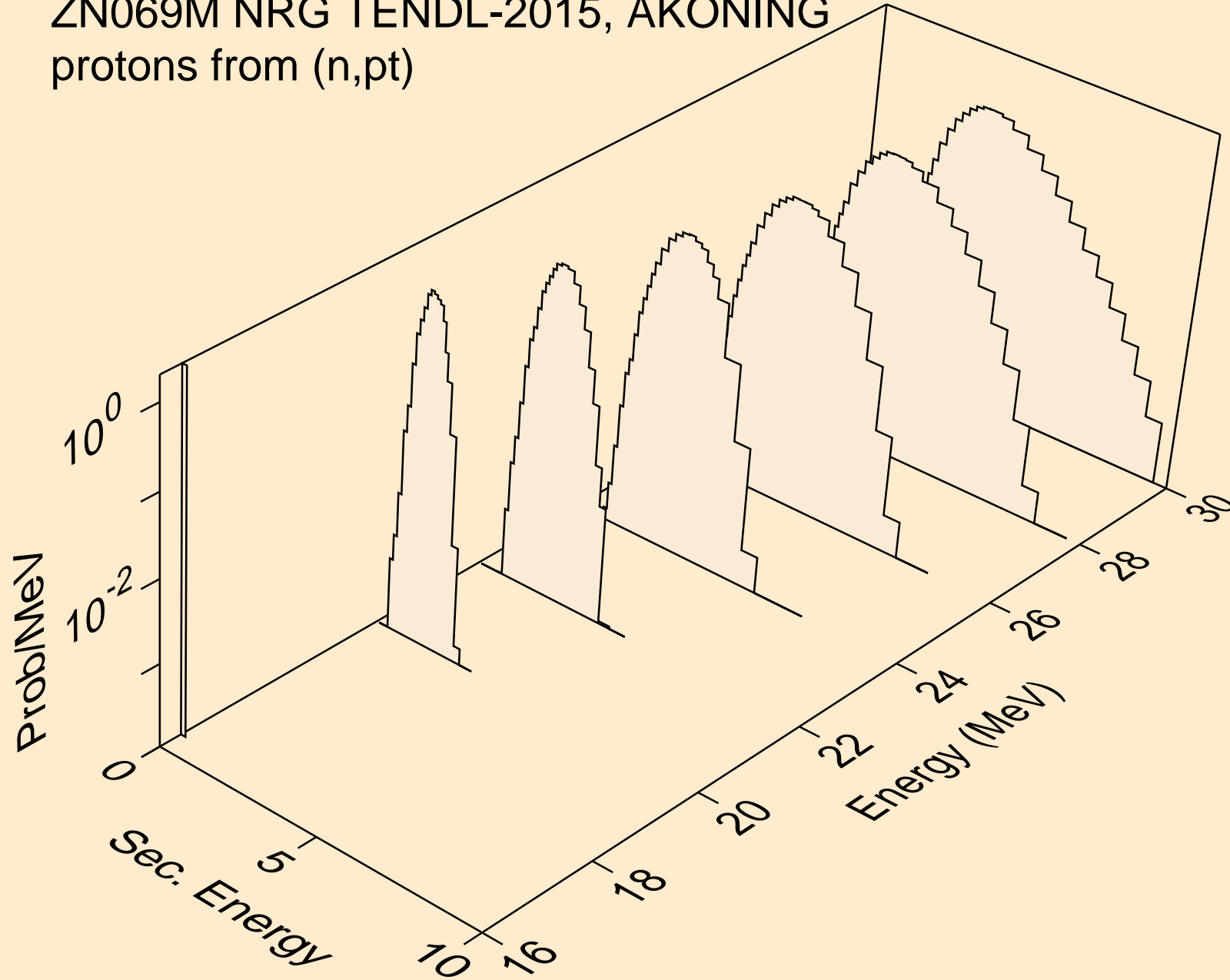


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protons from (n,pd)

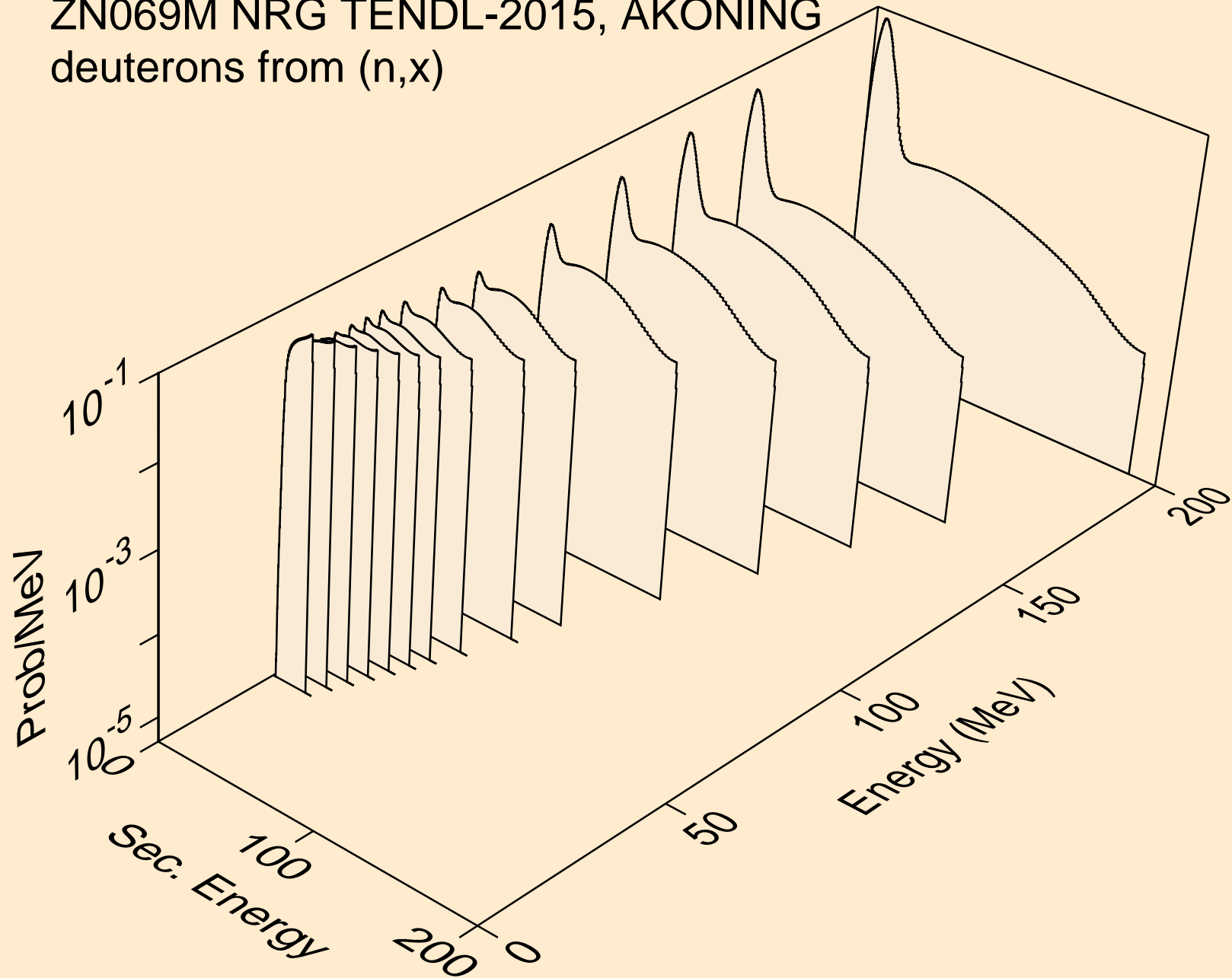




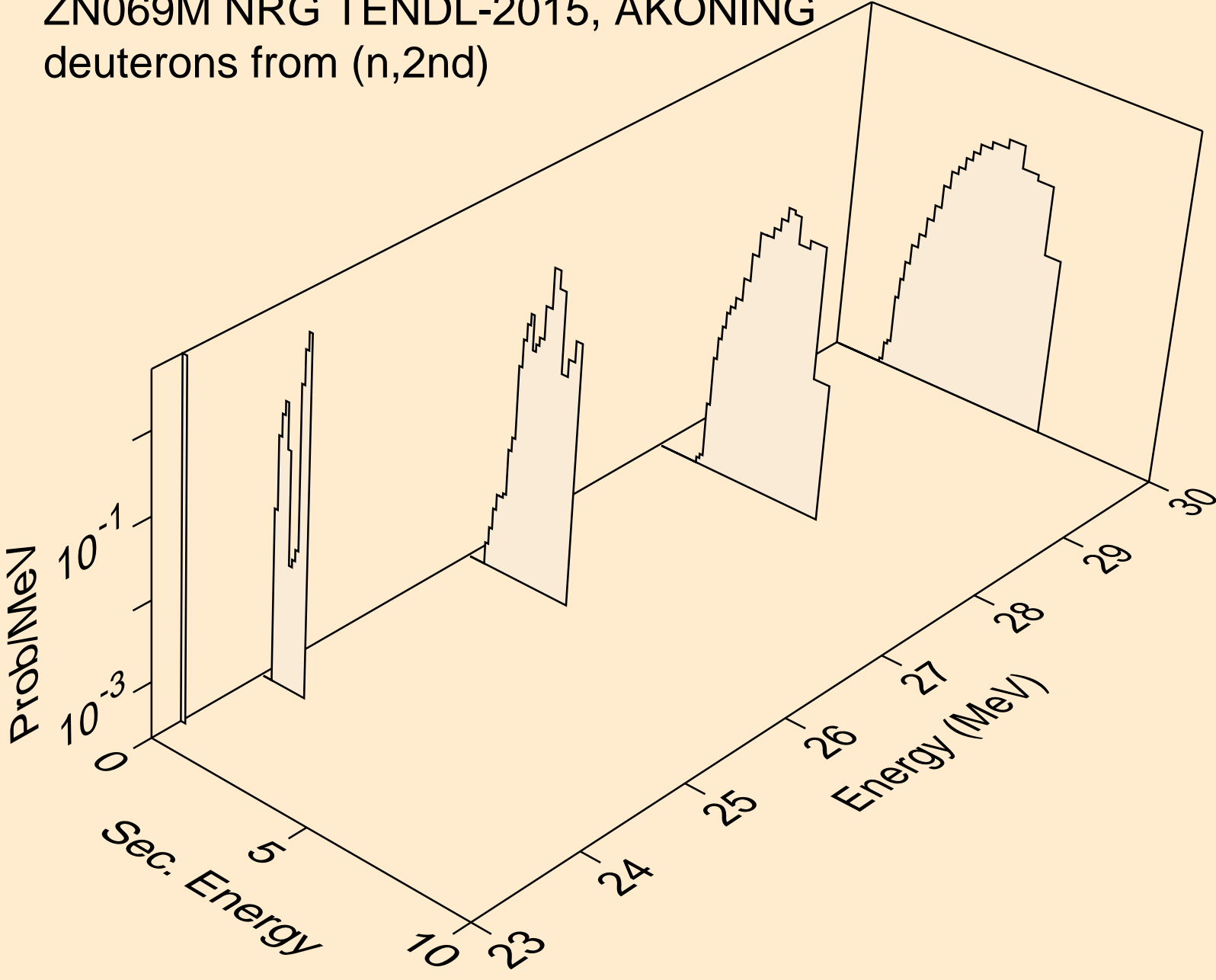
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protons from (n,pt)



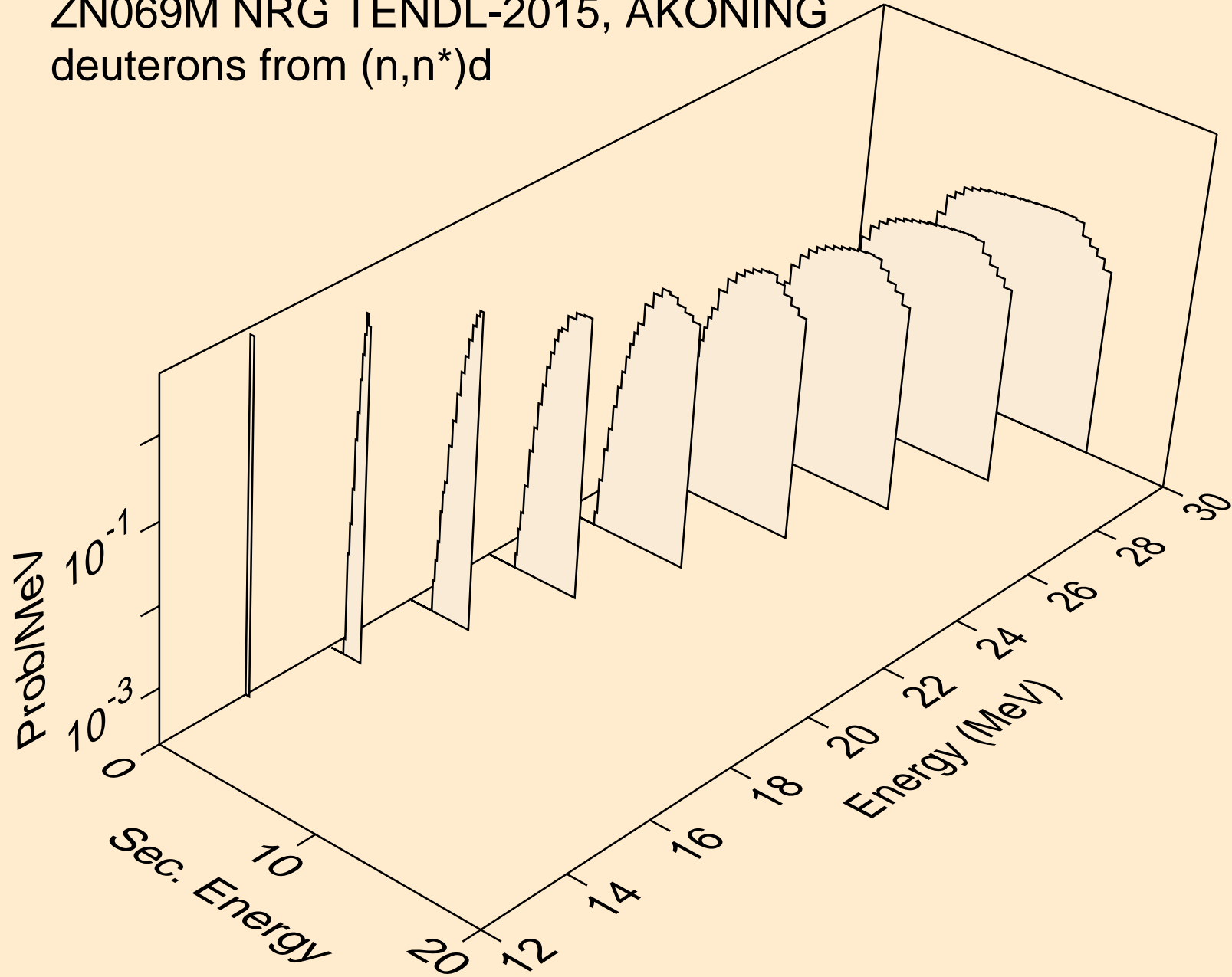
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deuterons from (n,x)



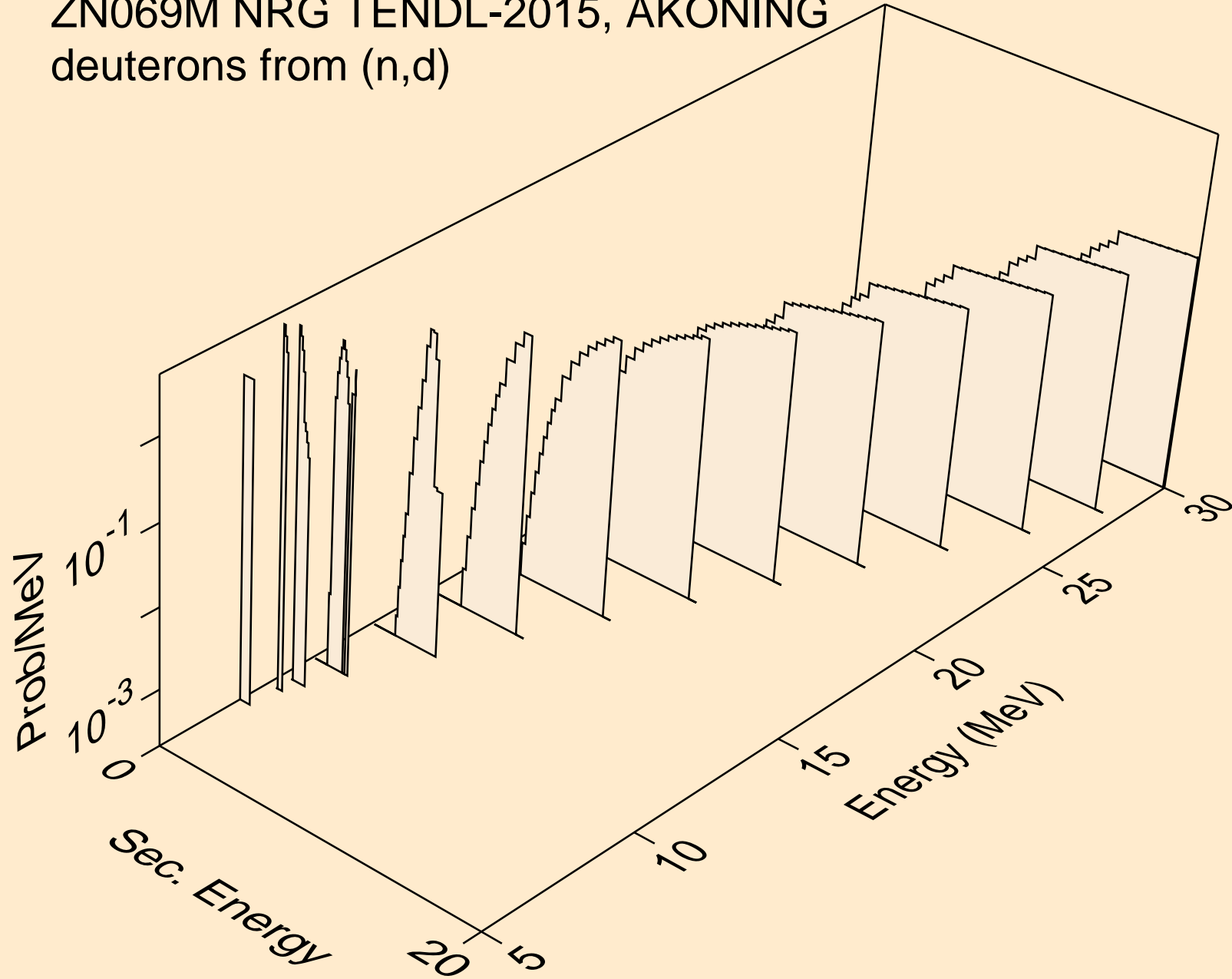
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deuterons from (n,2nd)



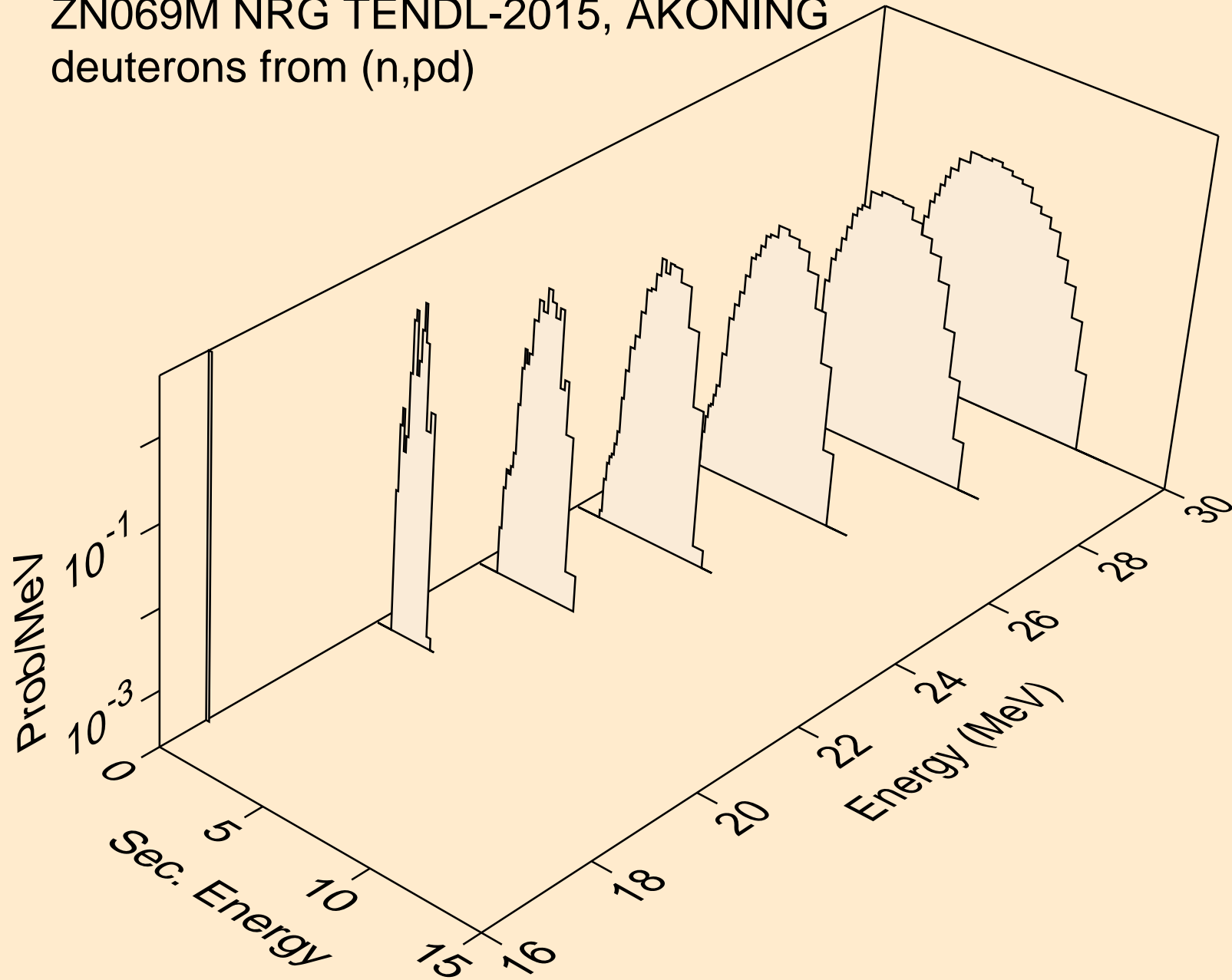
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deuterons from (n,n\*)d



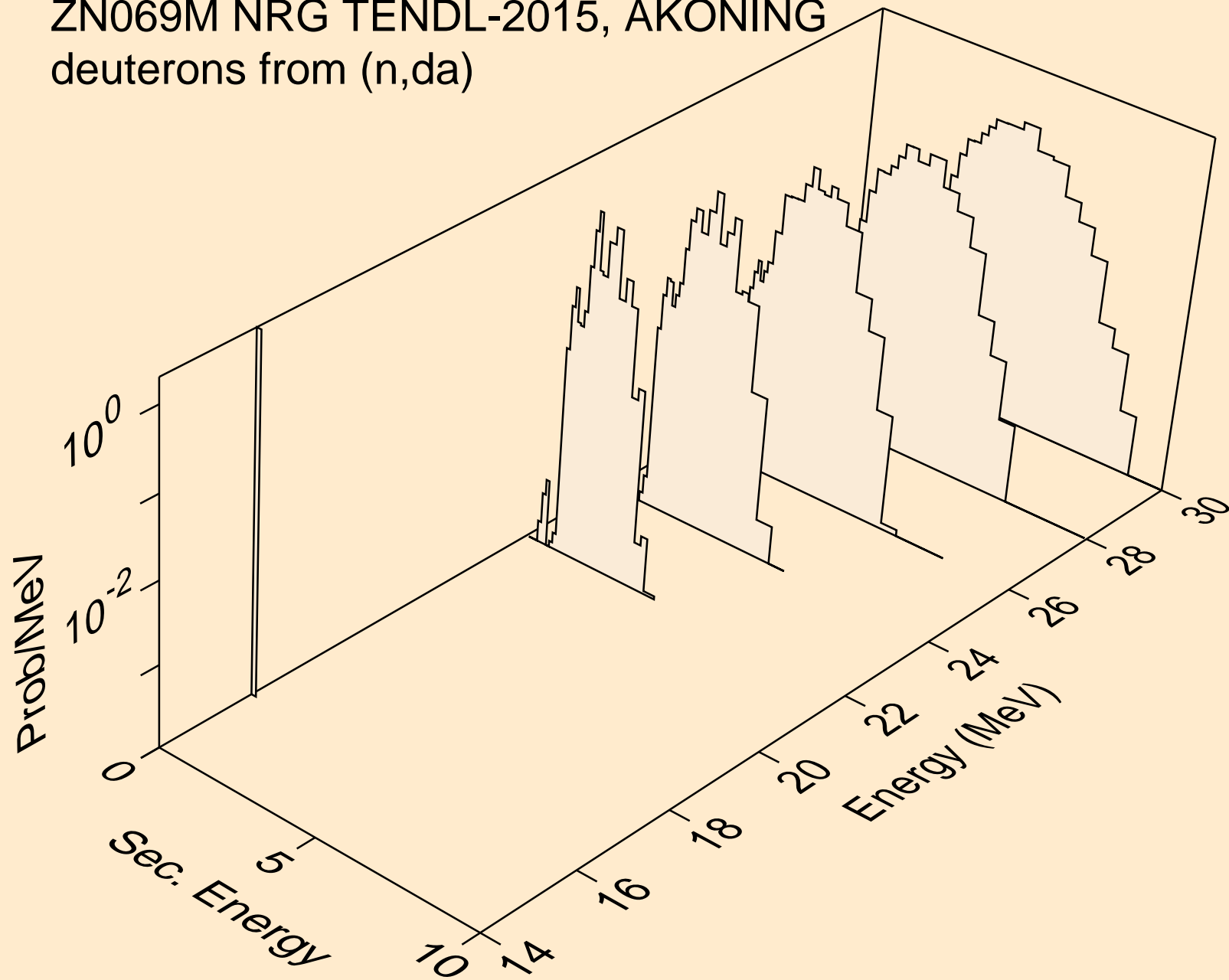
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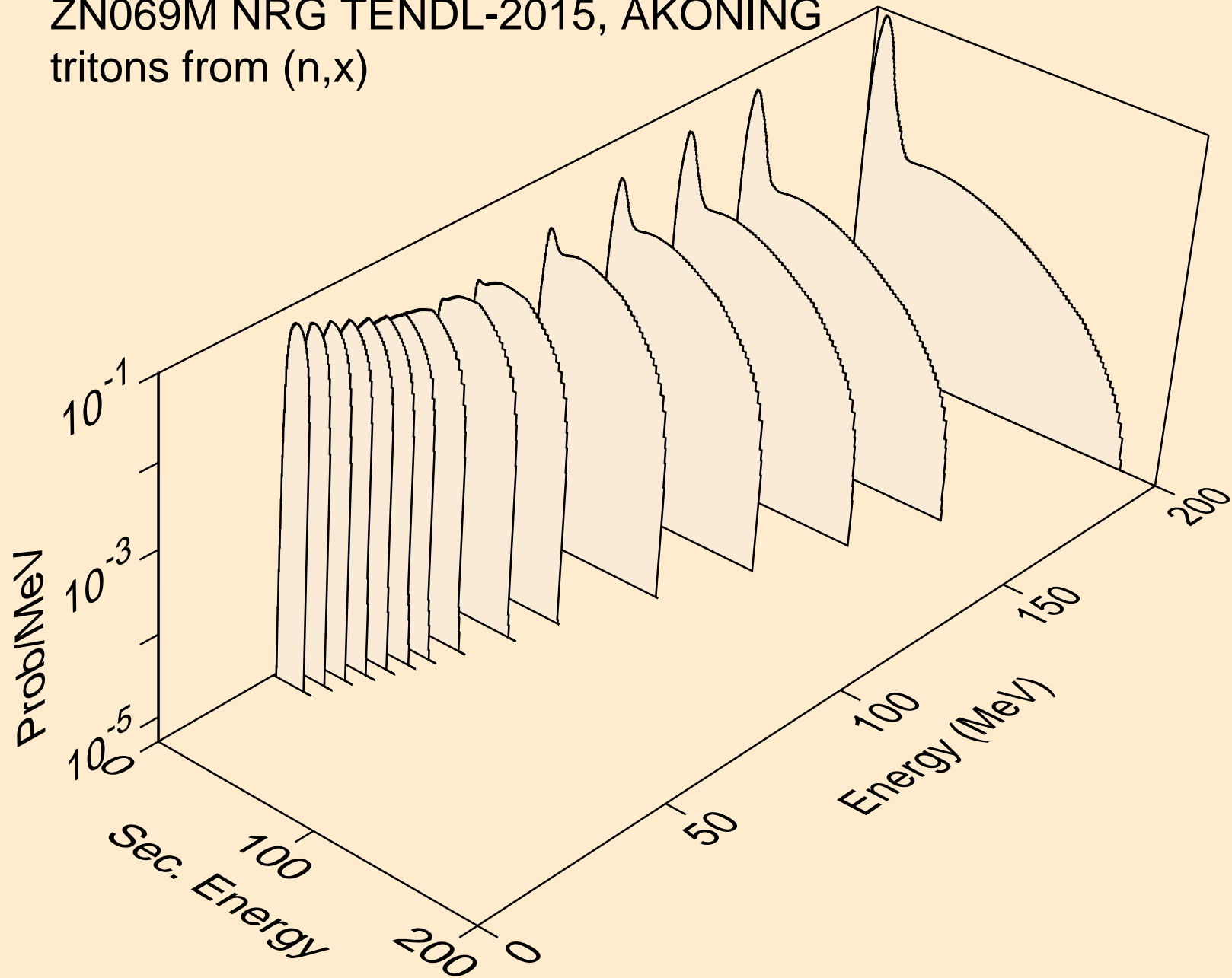
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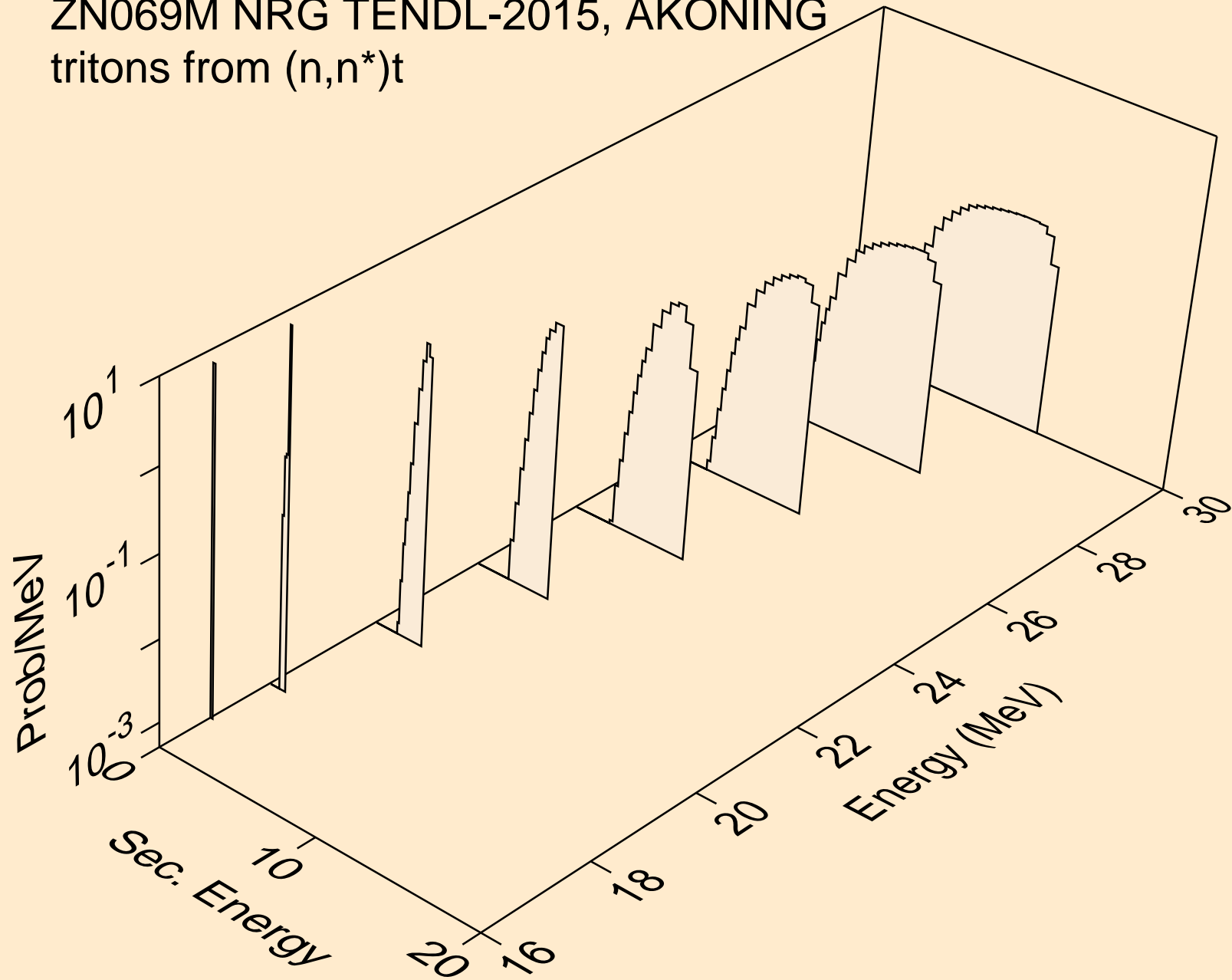


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tritons from (n,x)

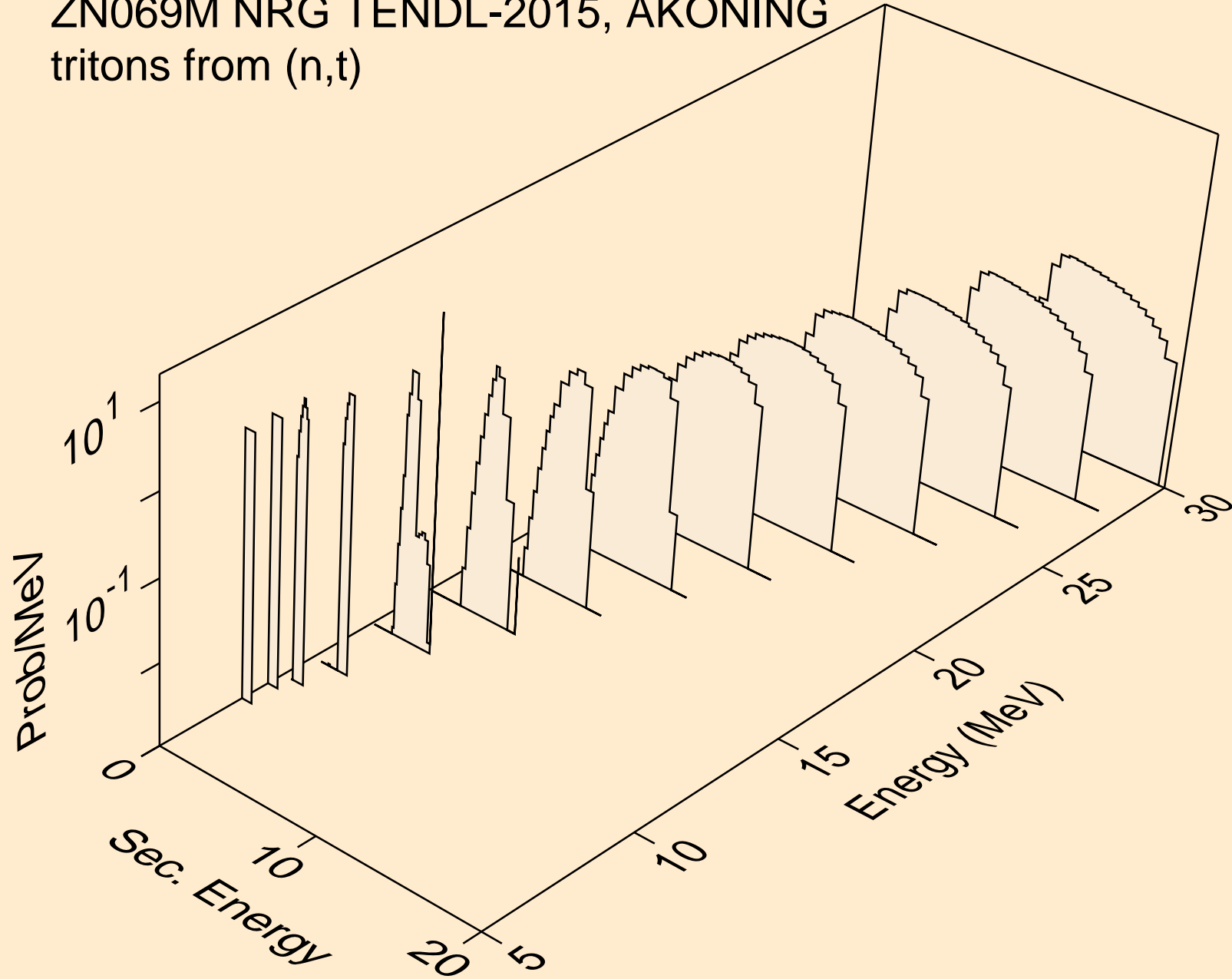




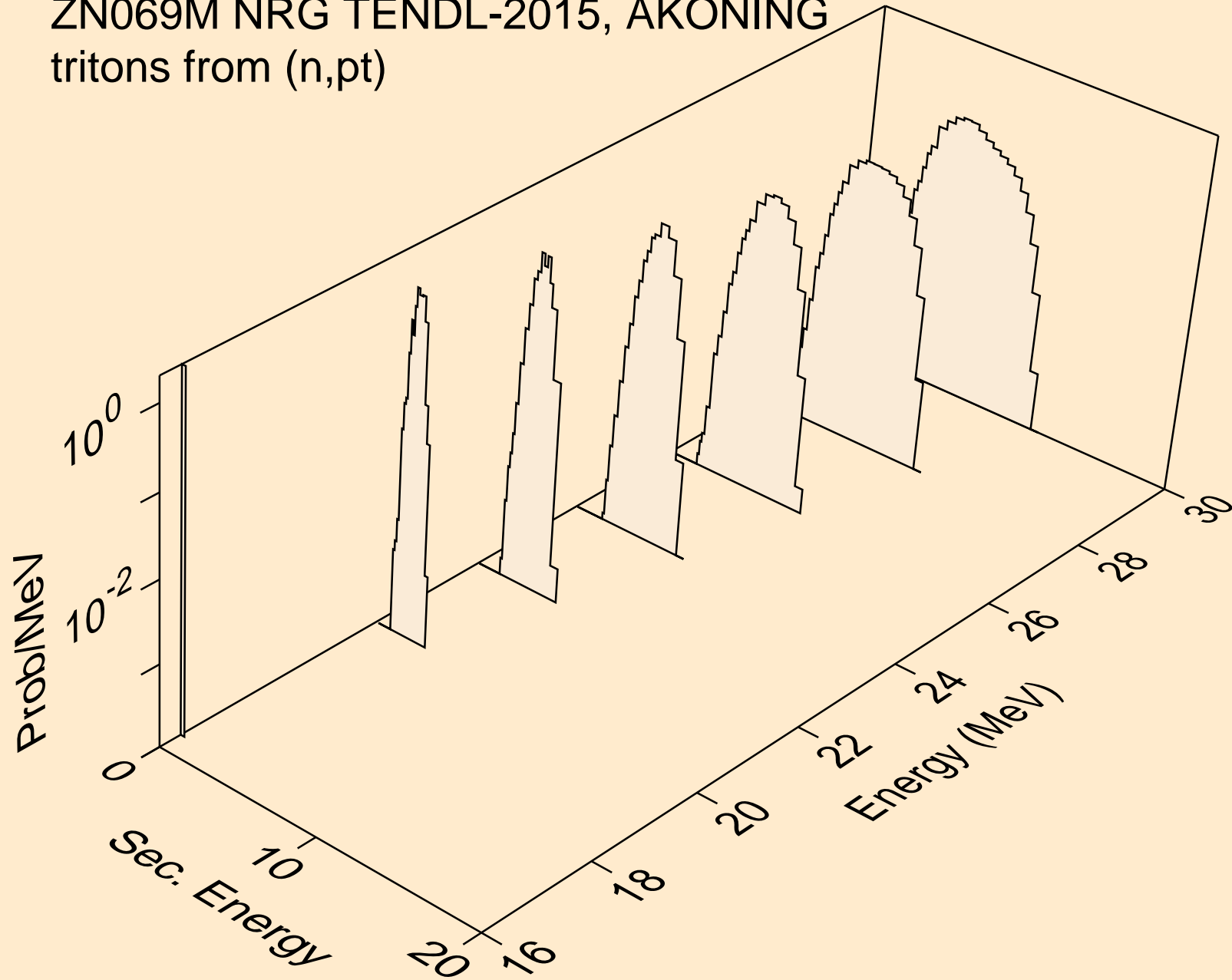
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tritons from (n,n\*)t



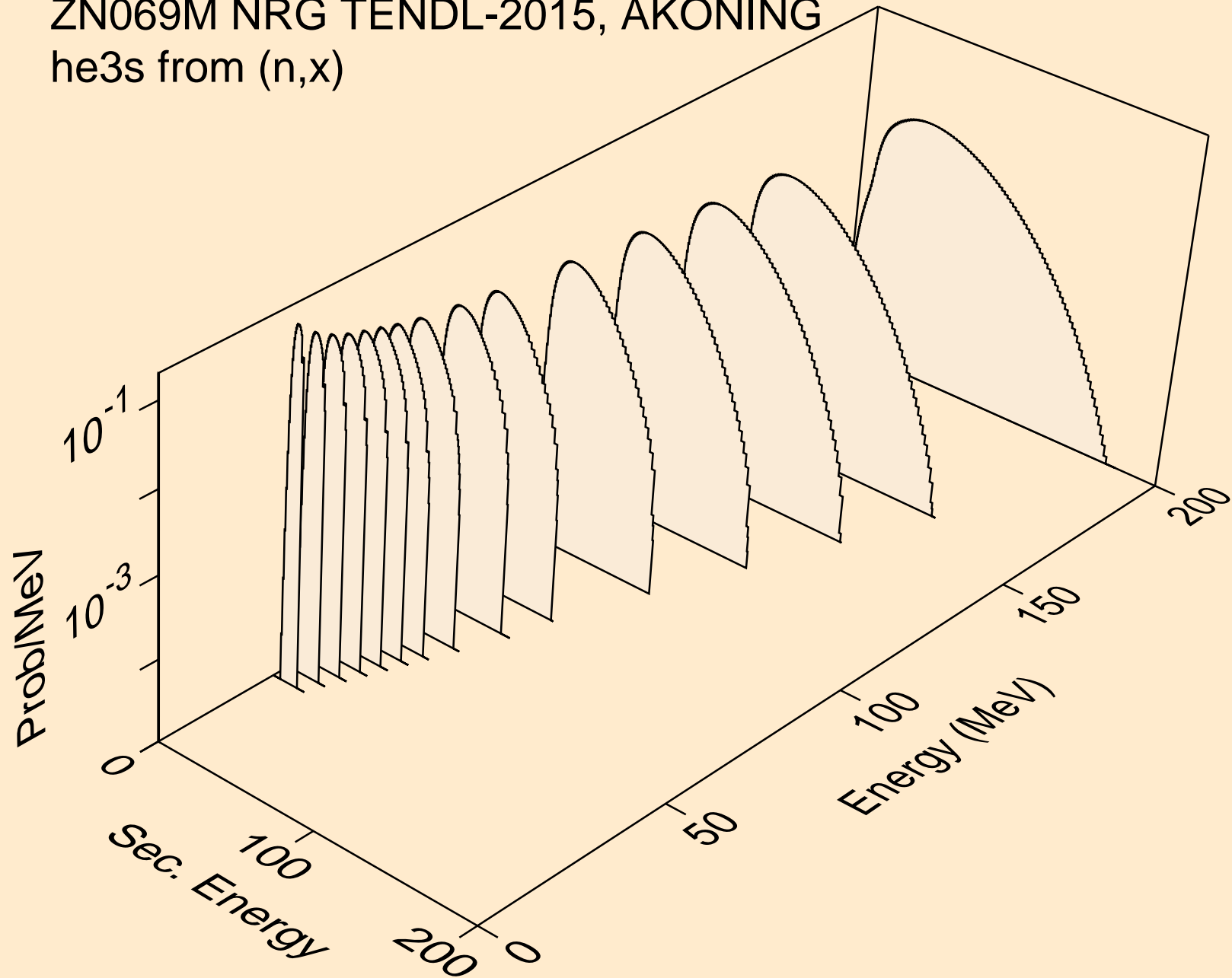
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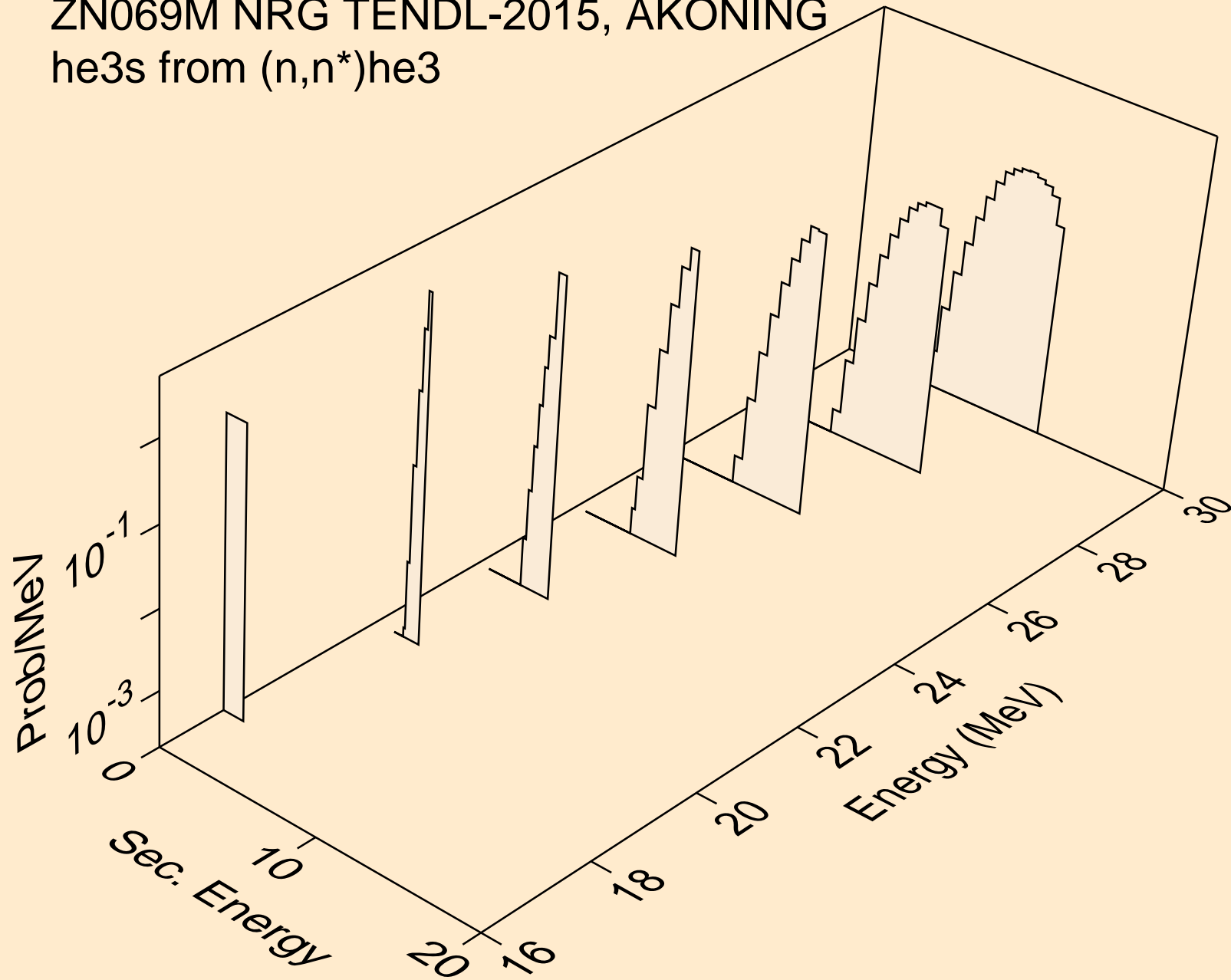
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tritons from (n,pt)



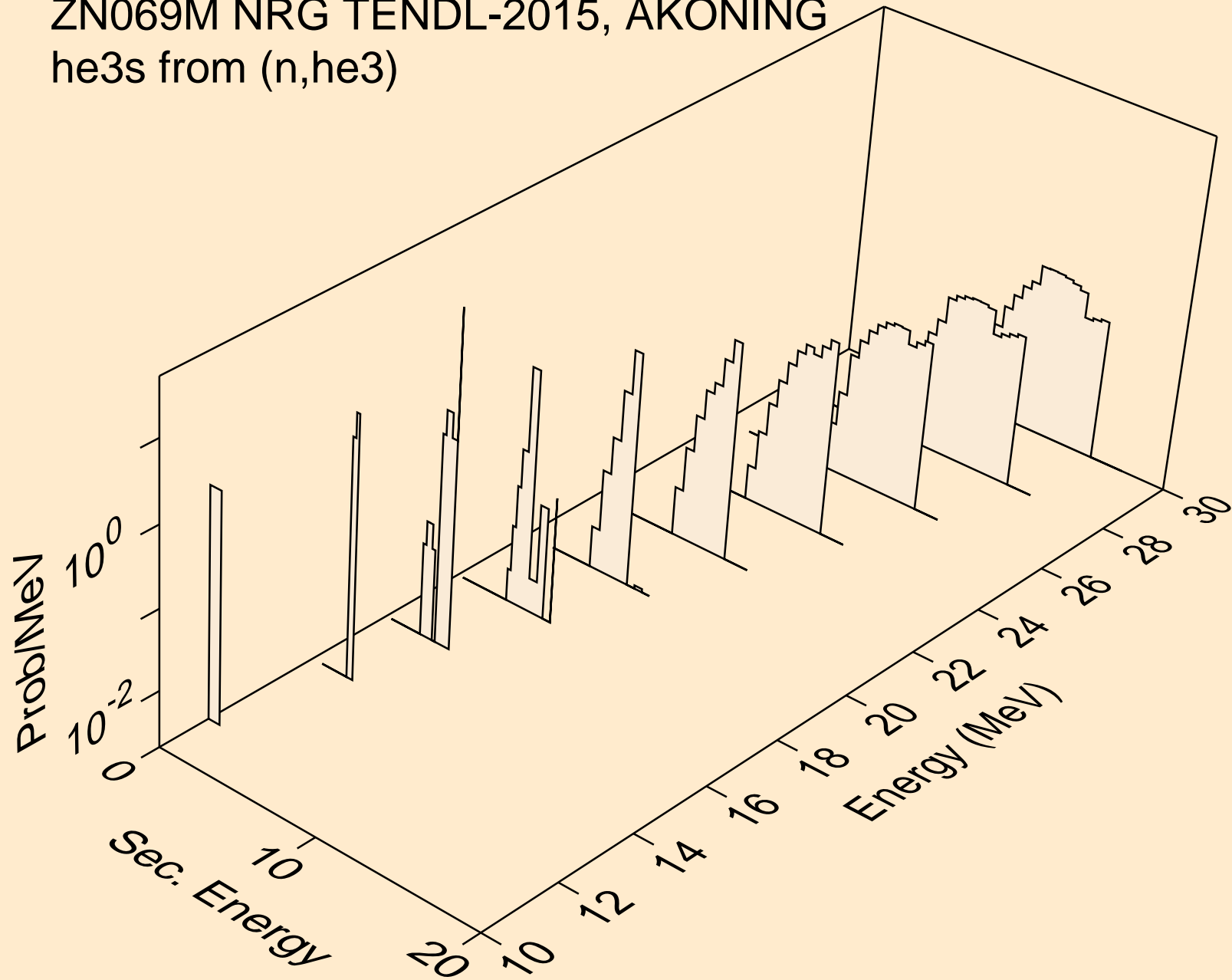
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he3s from (n,x)



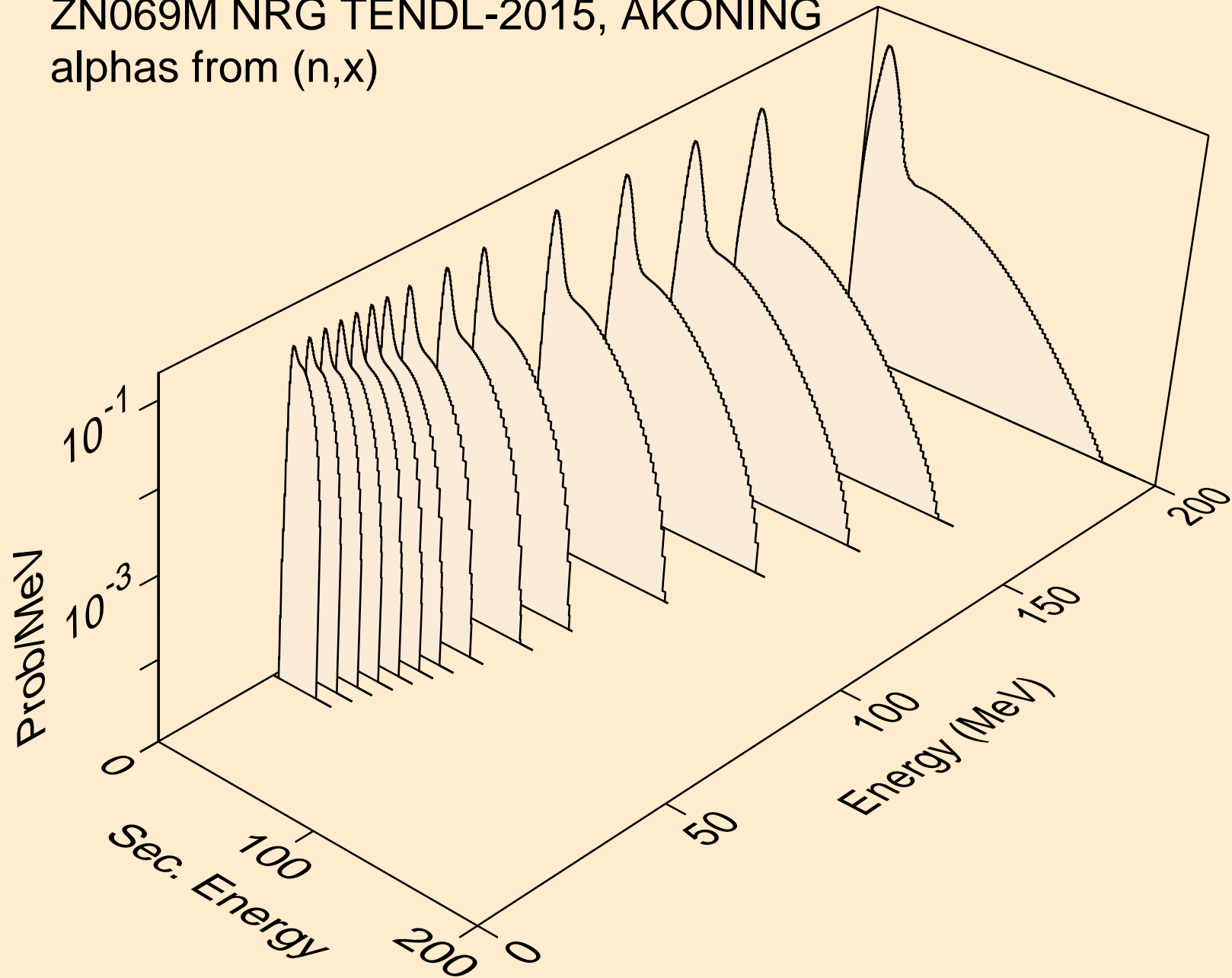
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he3s from (n,n\*)he3



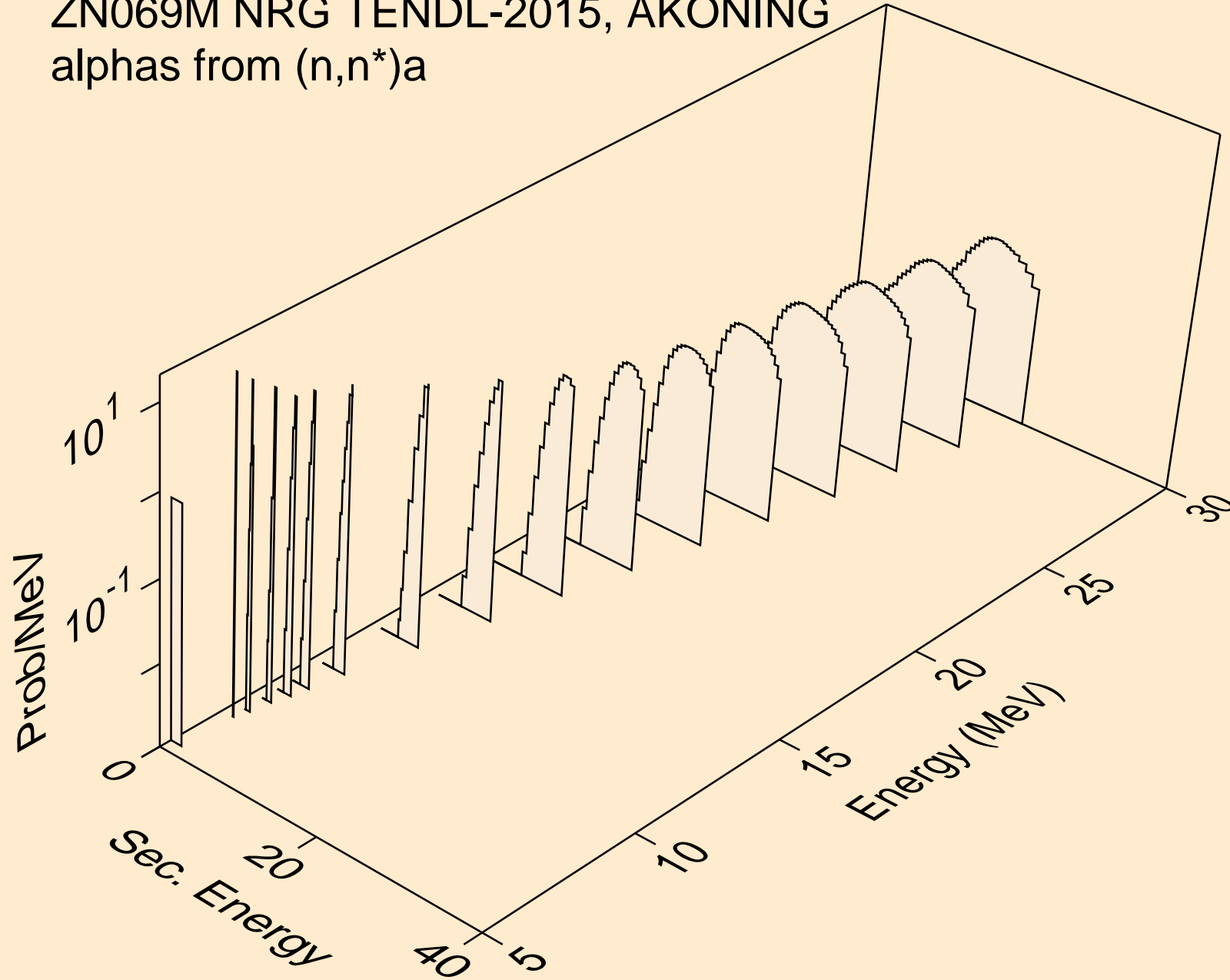
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ZN069M NRG TENDL-2015, AKONING  
alphas from (n,x)

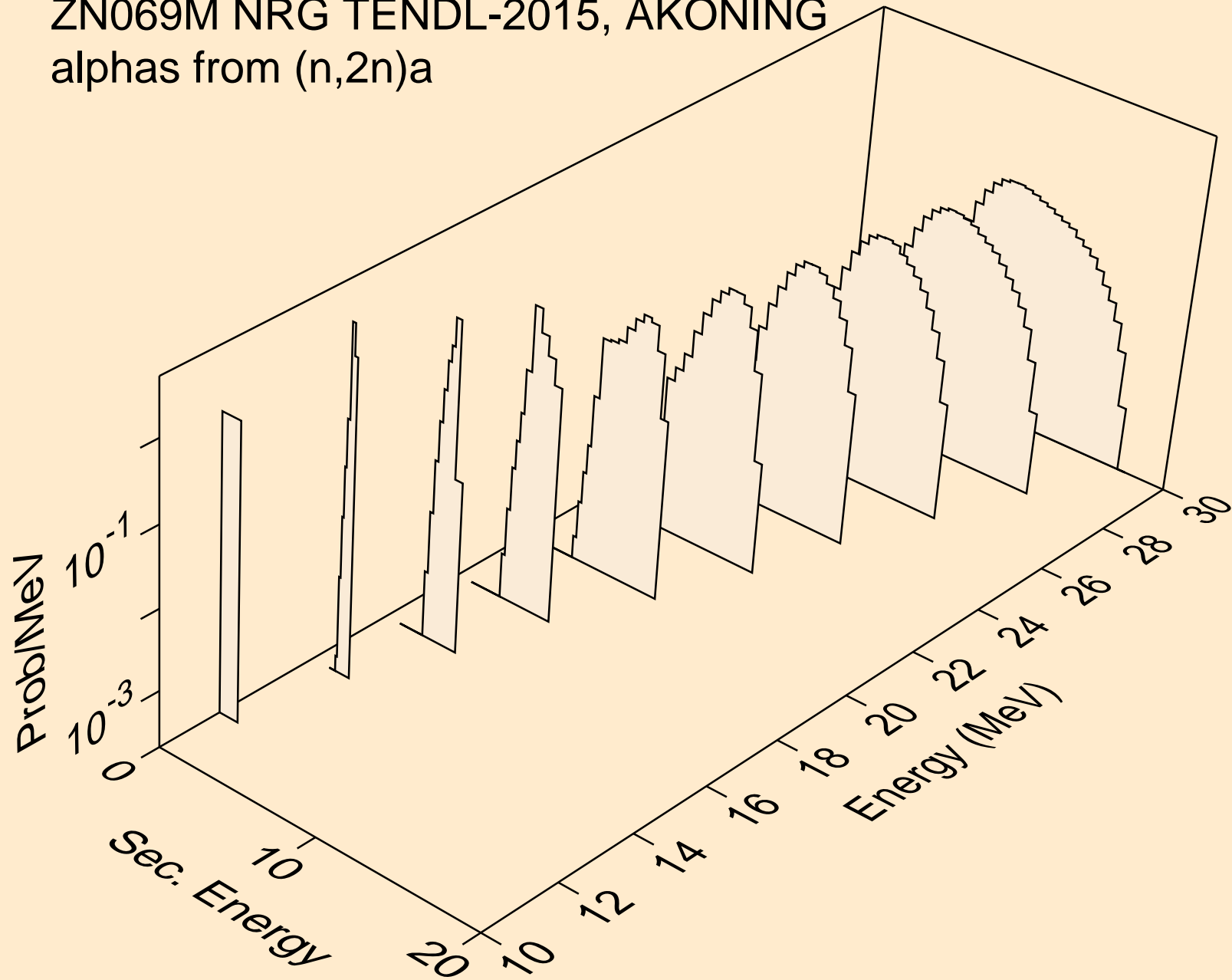


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alphas from (n,n\*)a

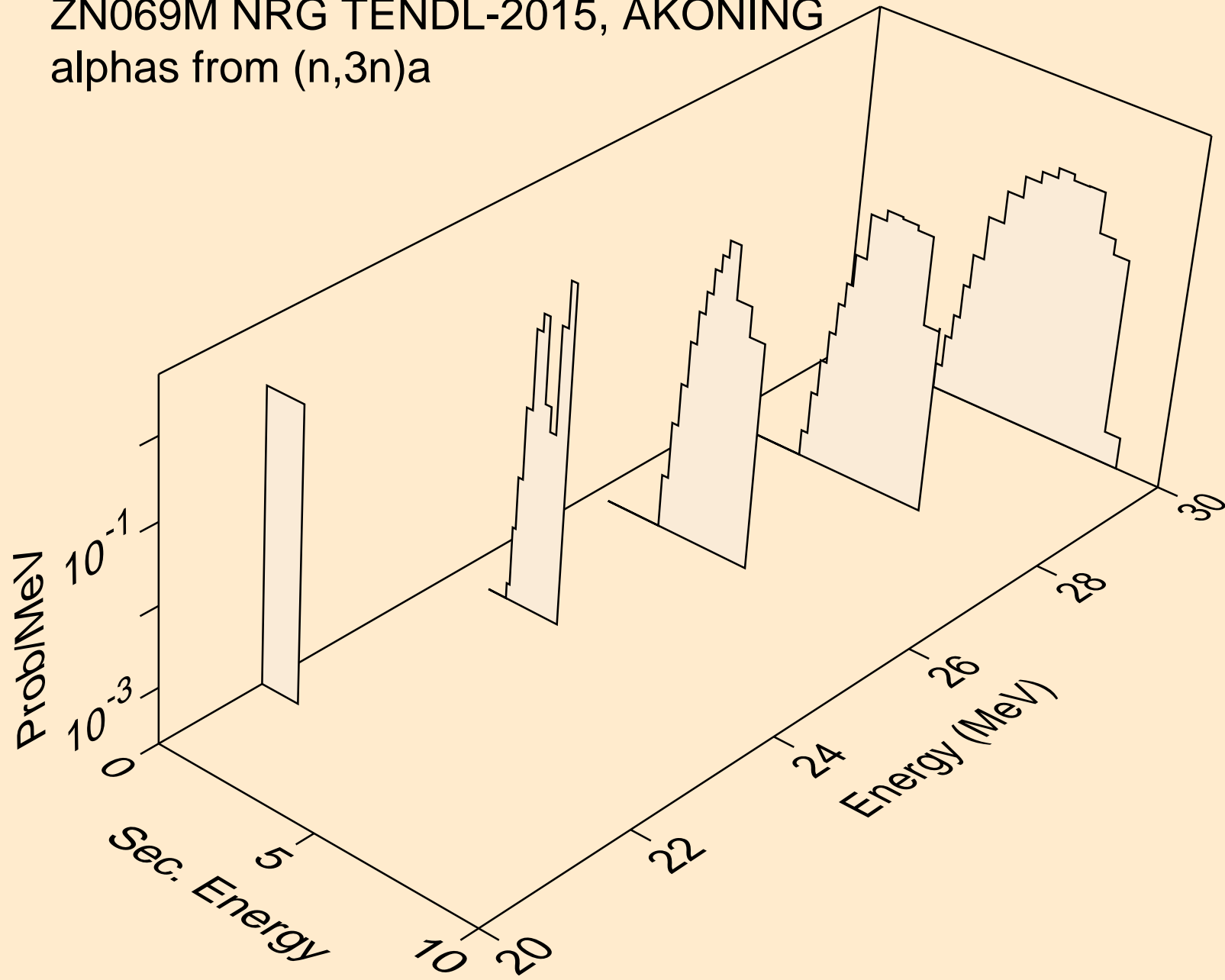




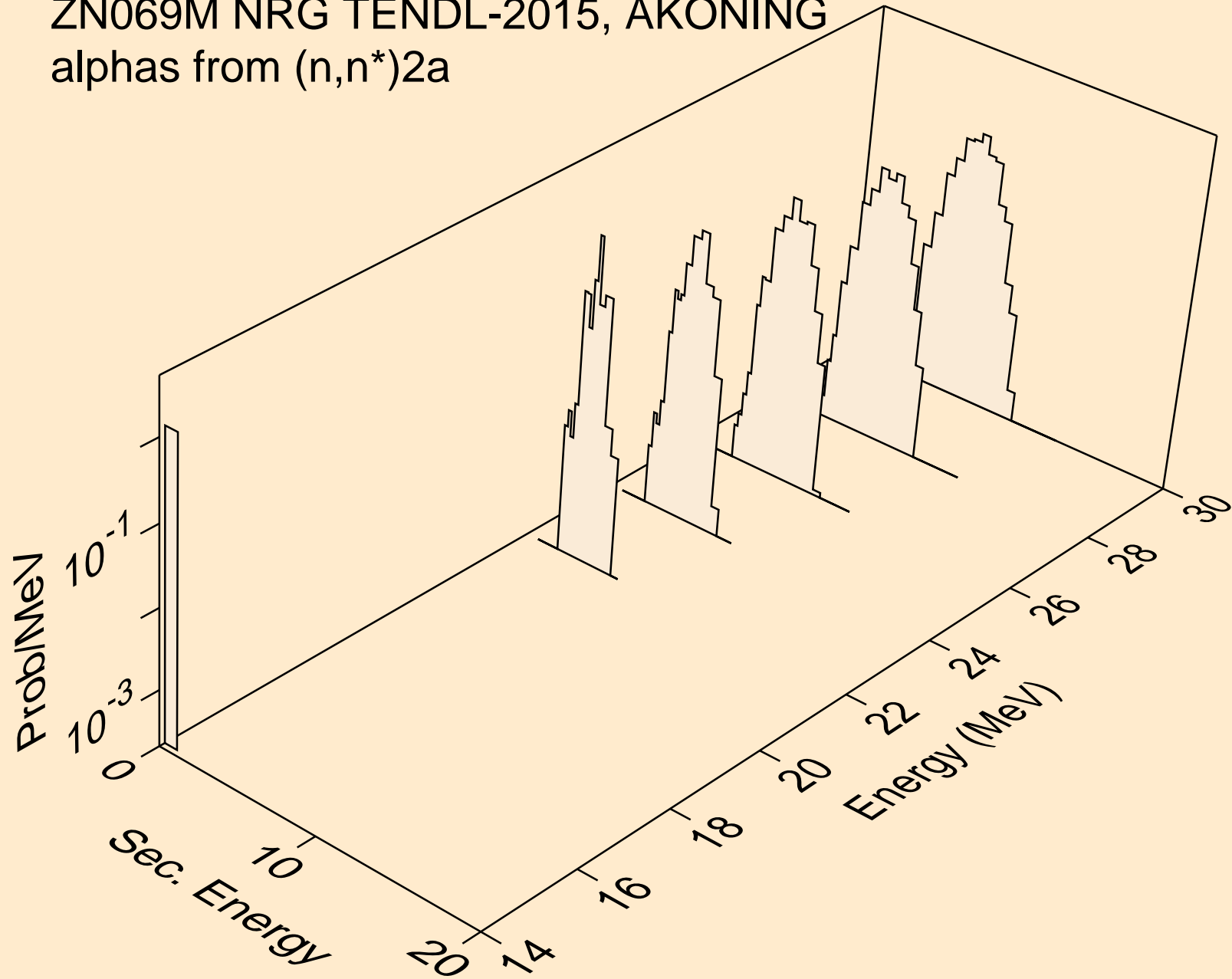
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alphas from (n,2n)a



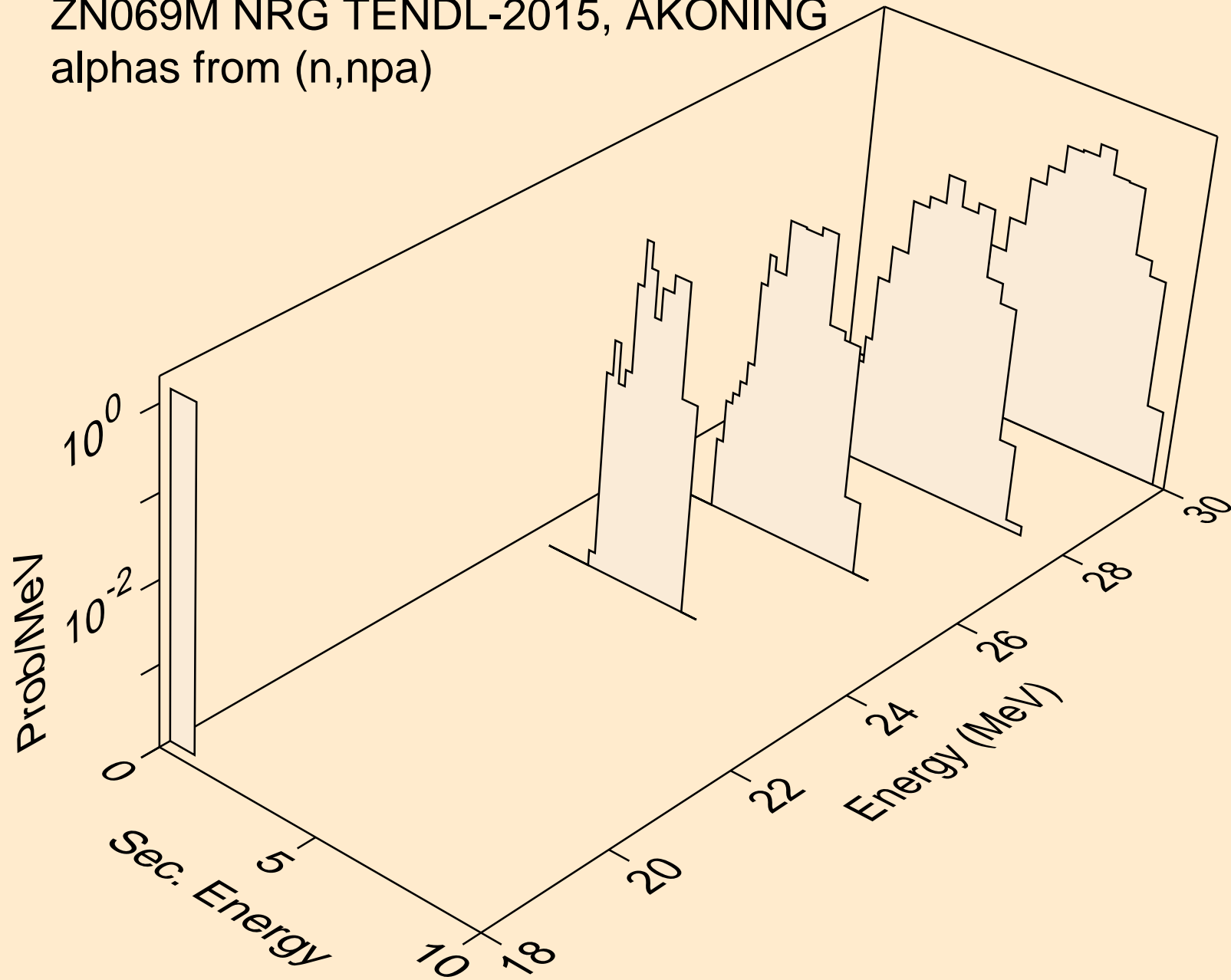
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alphas from (n,3n)a



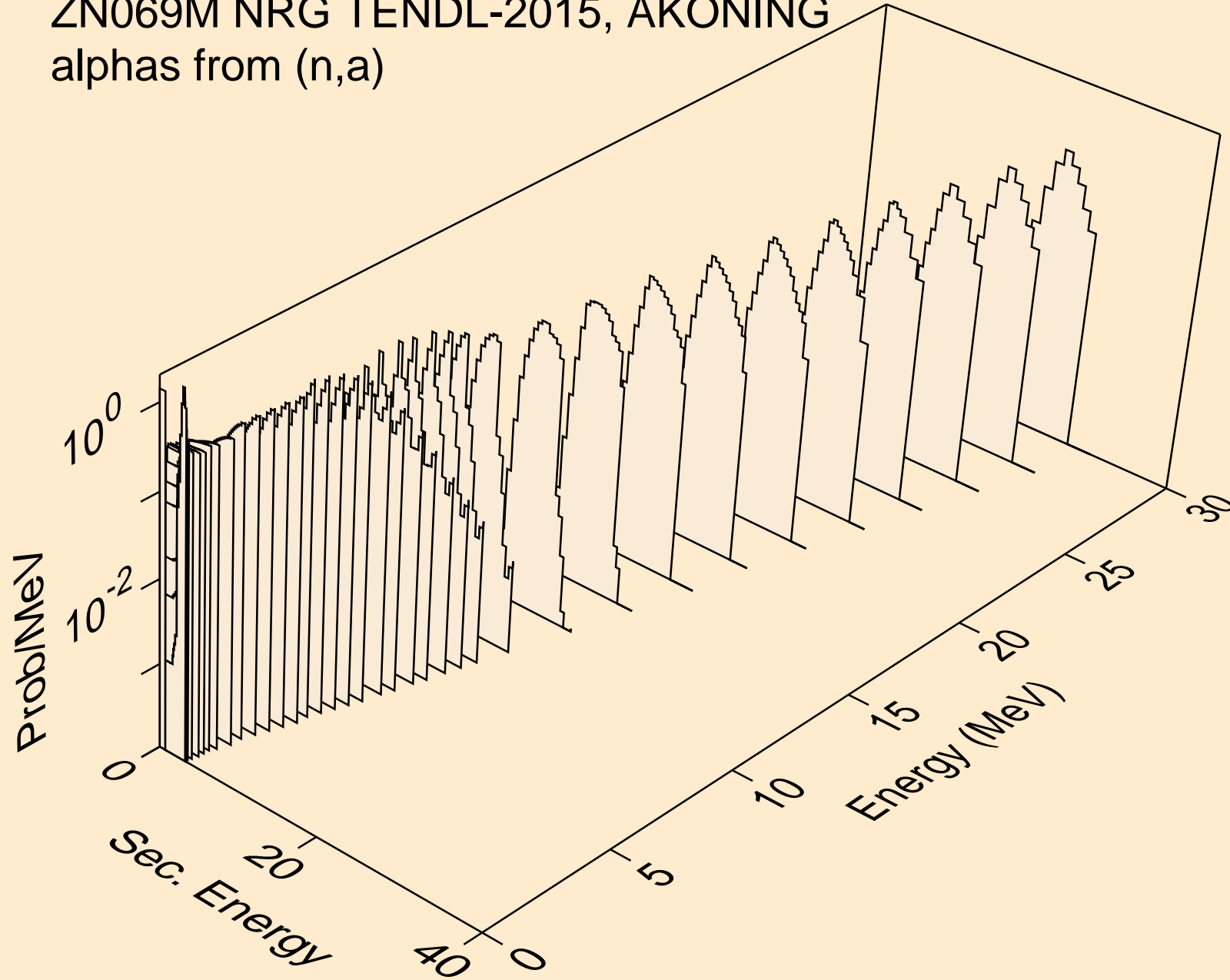
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alphas from (n,n\*)2a



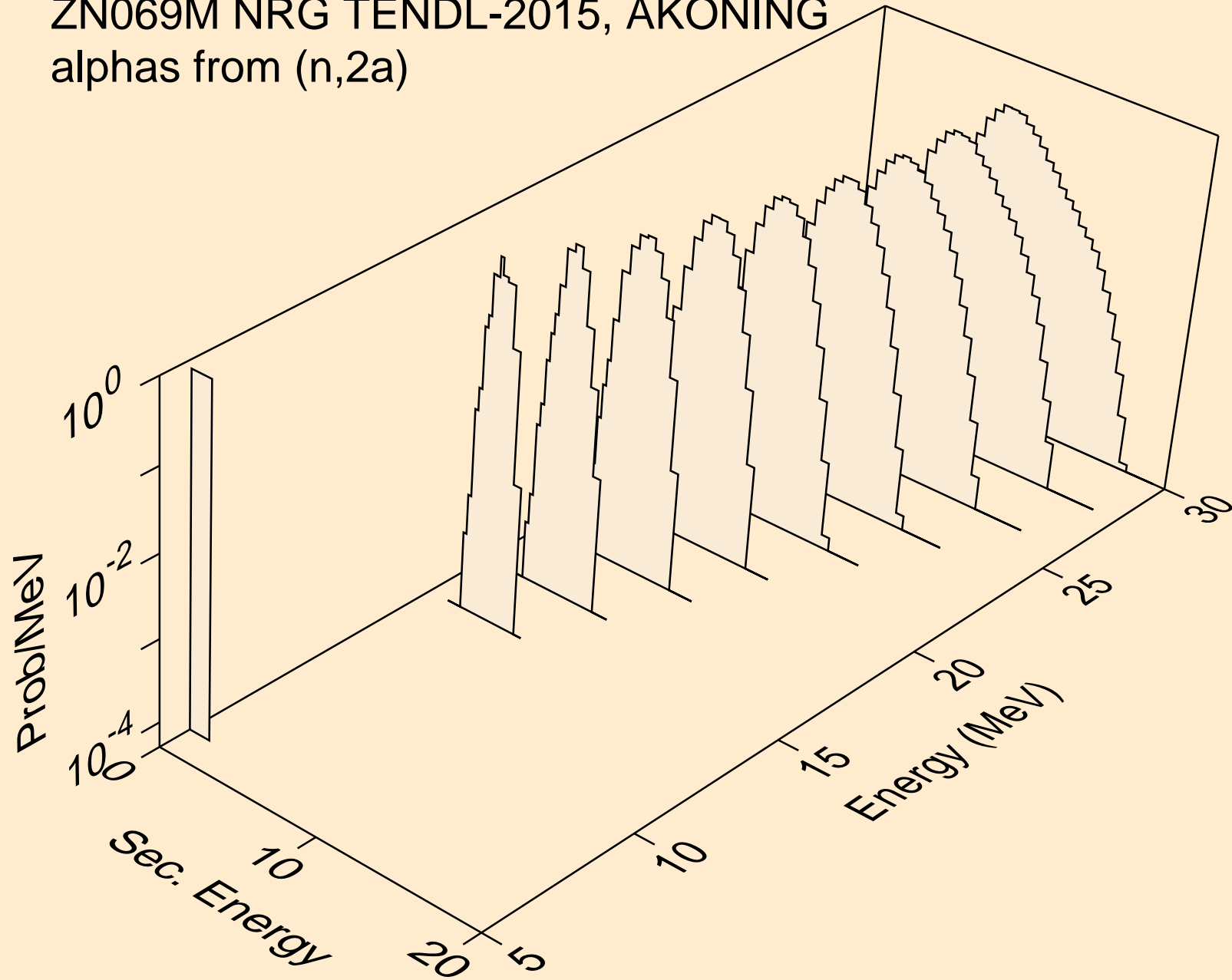
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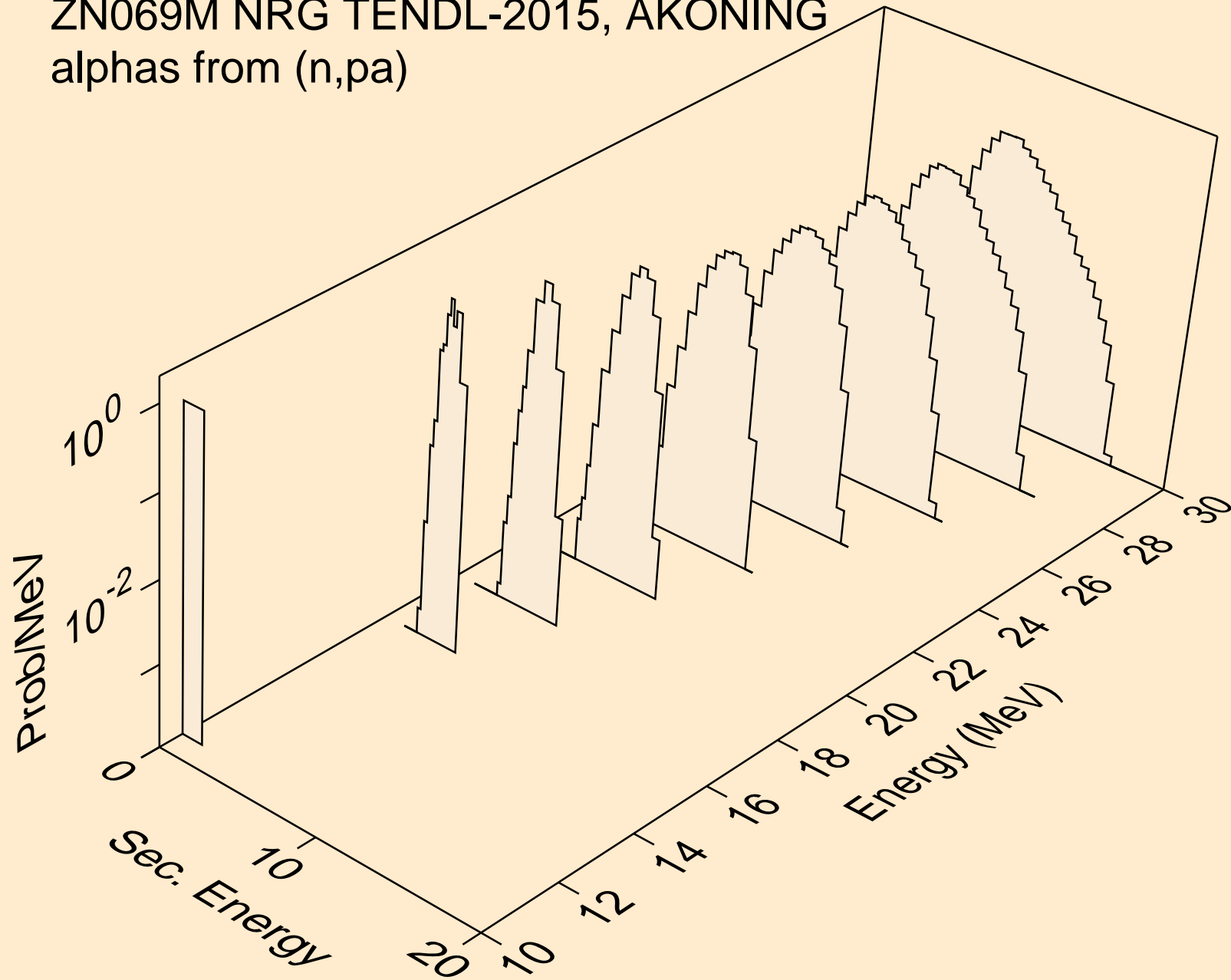
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alphas from (n,a)



ZN069M NRG TENDL-2015, AKONING  
alphas from (n,2a)



ZN069M NRG TENDL-2015, AKONING  
alphas from (n,pa)



ZN069M NRG TENDL-2015, AKONING  
alphas from (n,da)

