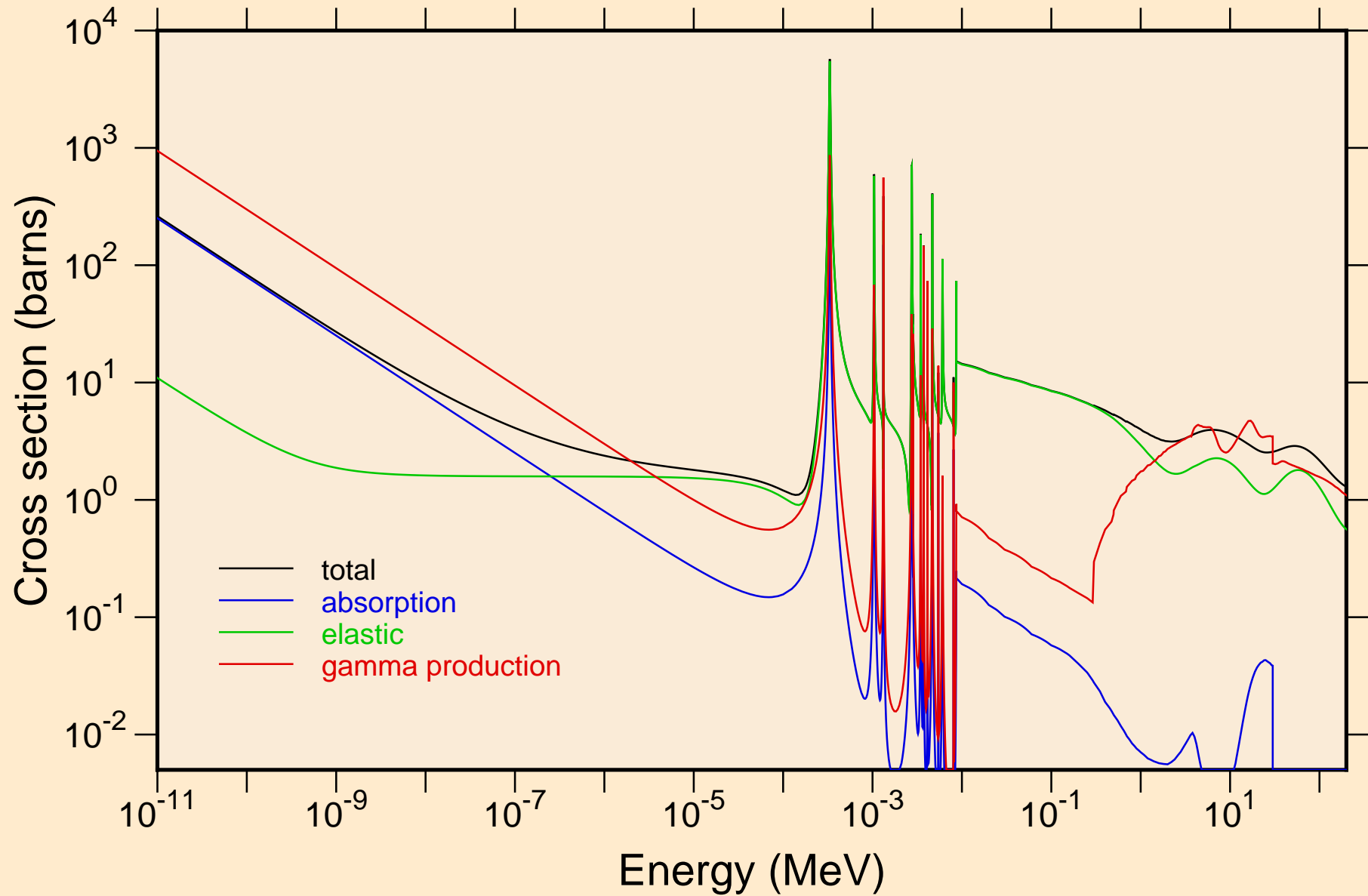
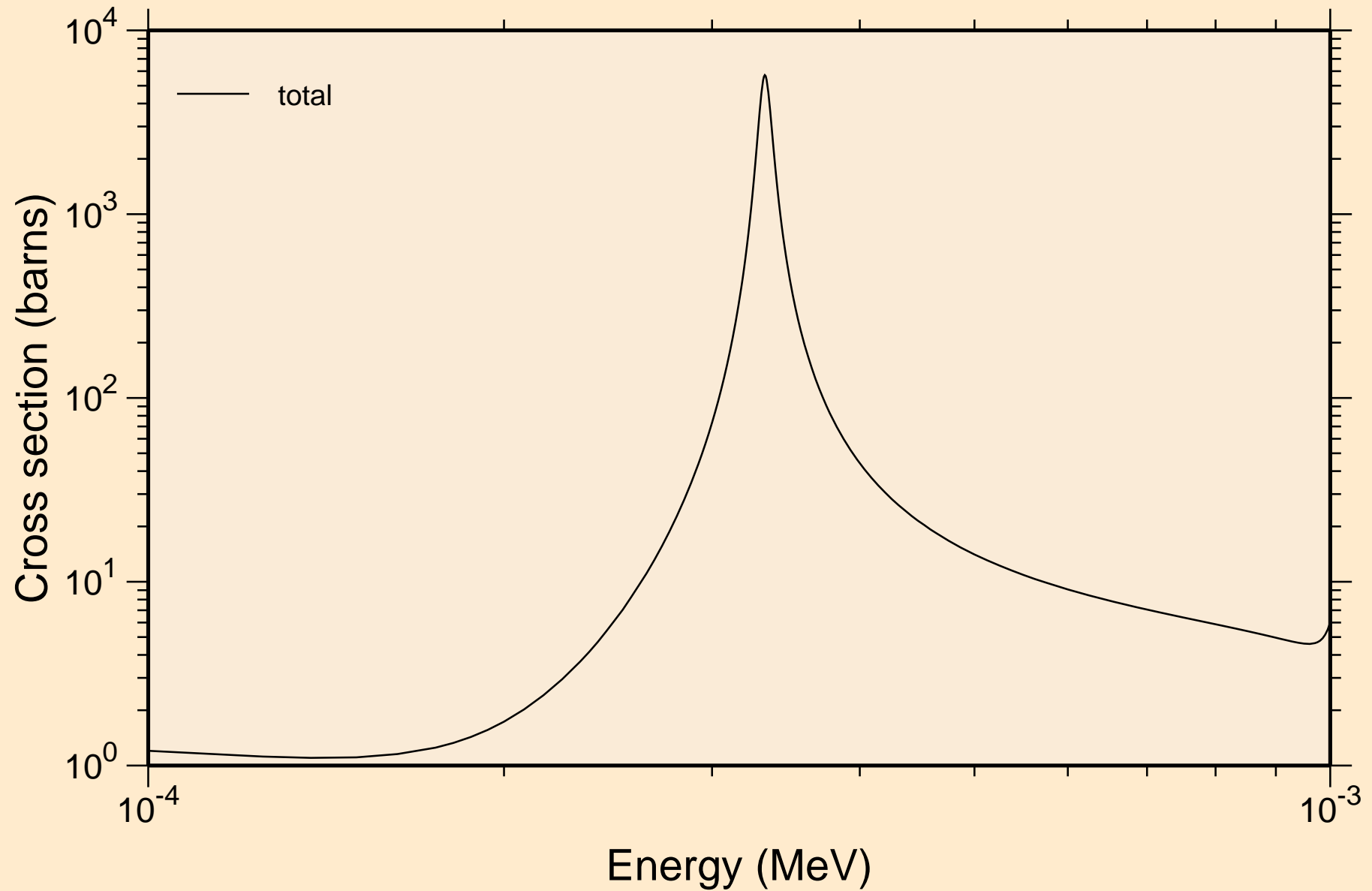


# ZN071 NRG TENDL-2015, AKONING

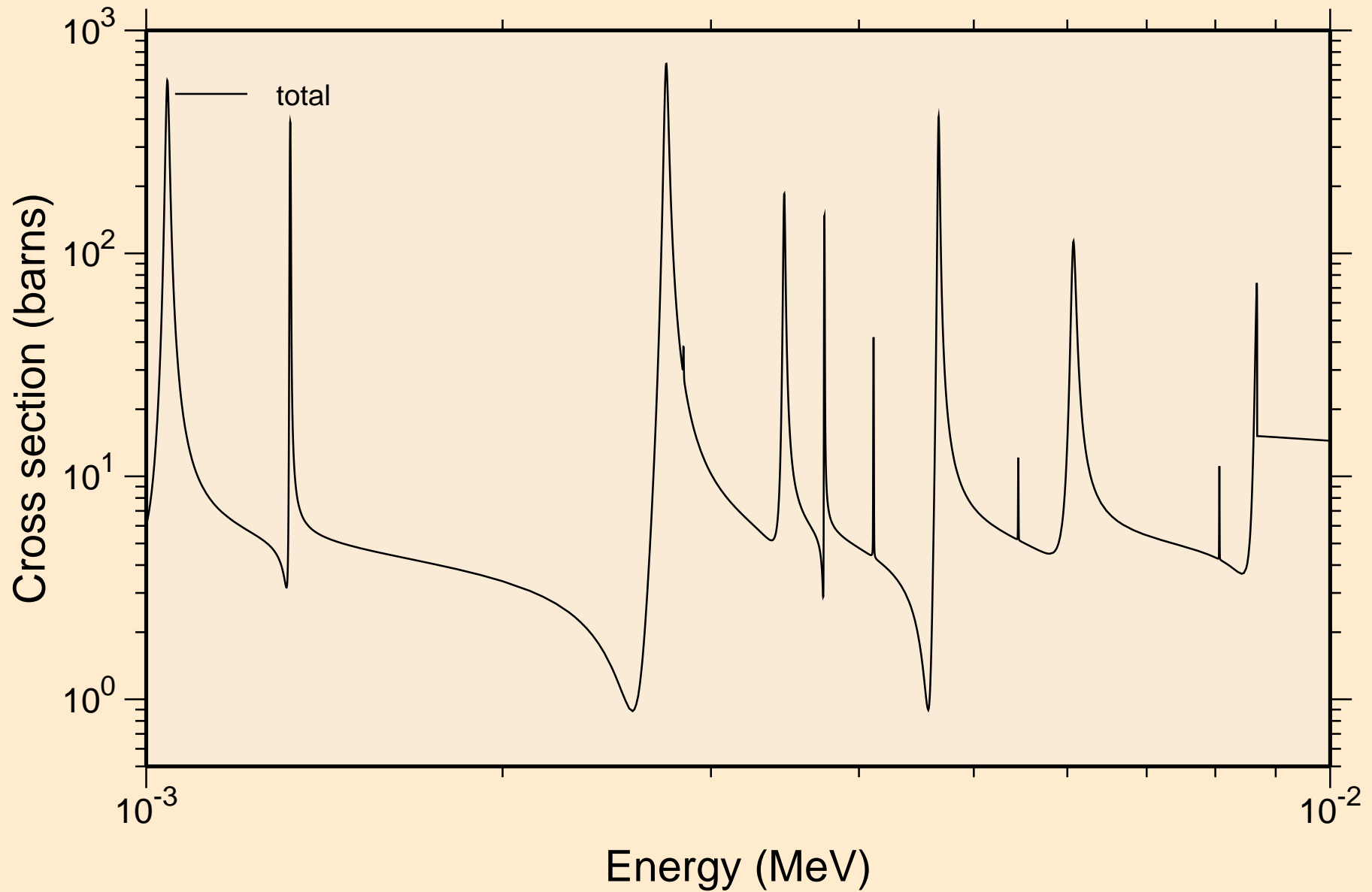
## Principal cross sections



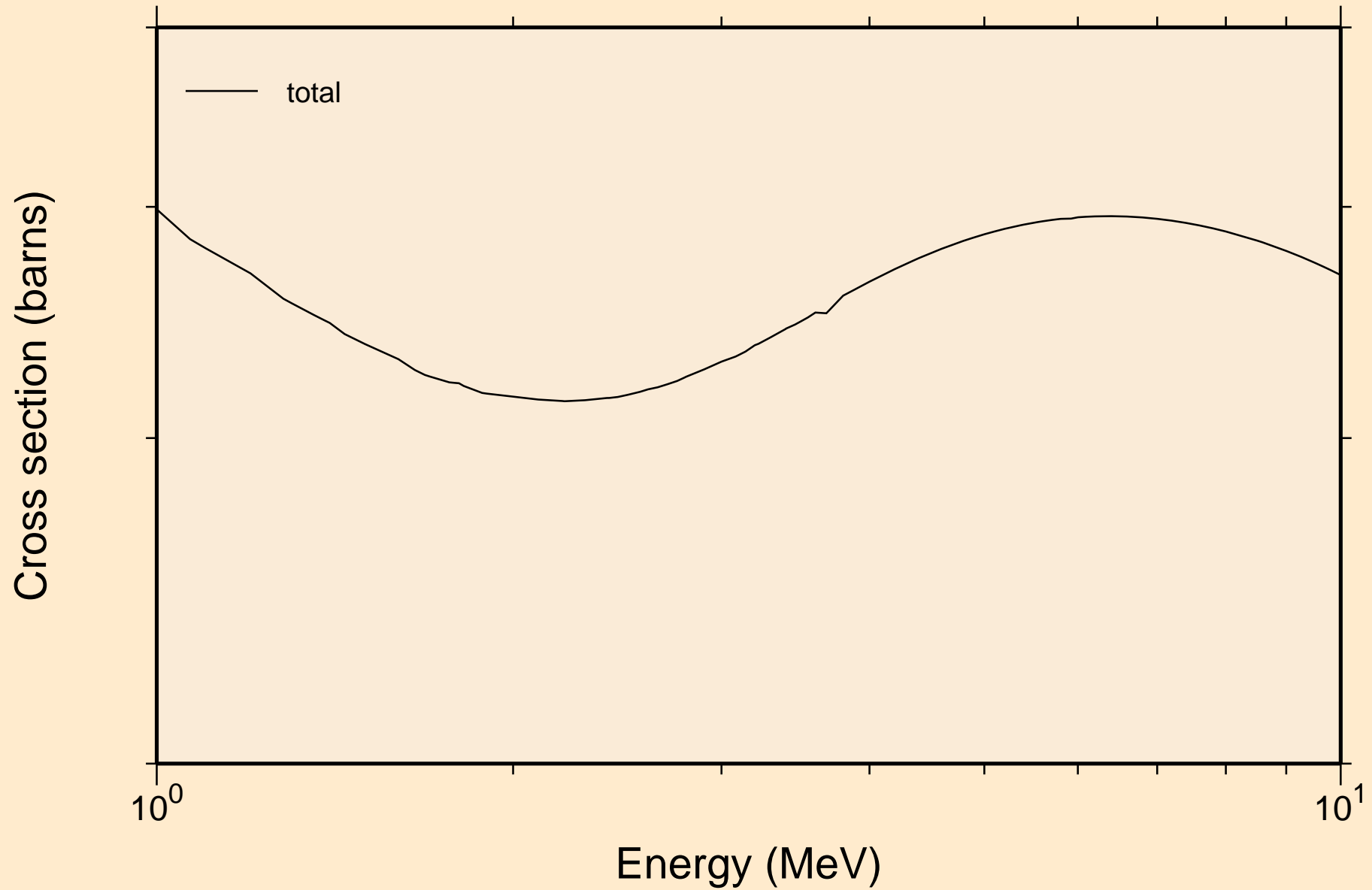
ZN071 NRG TENDL-2015, AKONING  
resonance total cross section



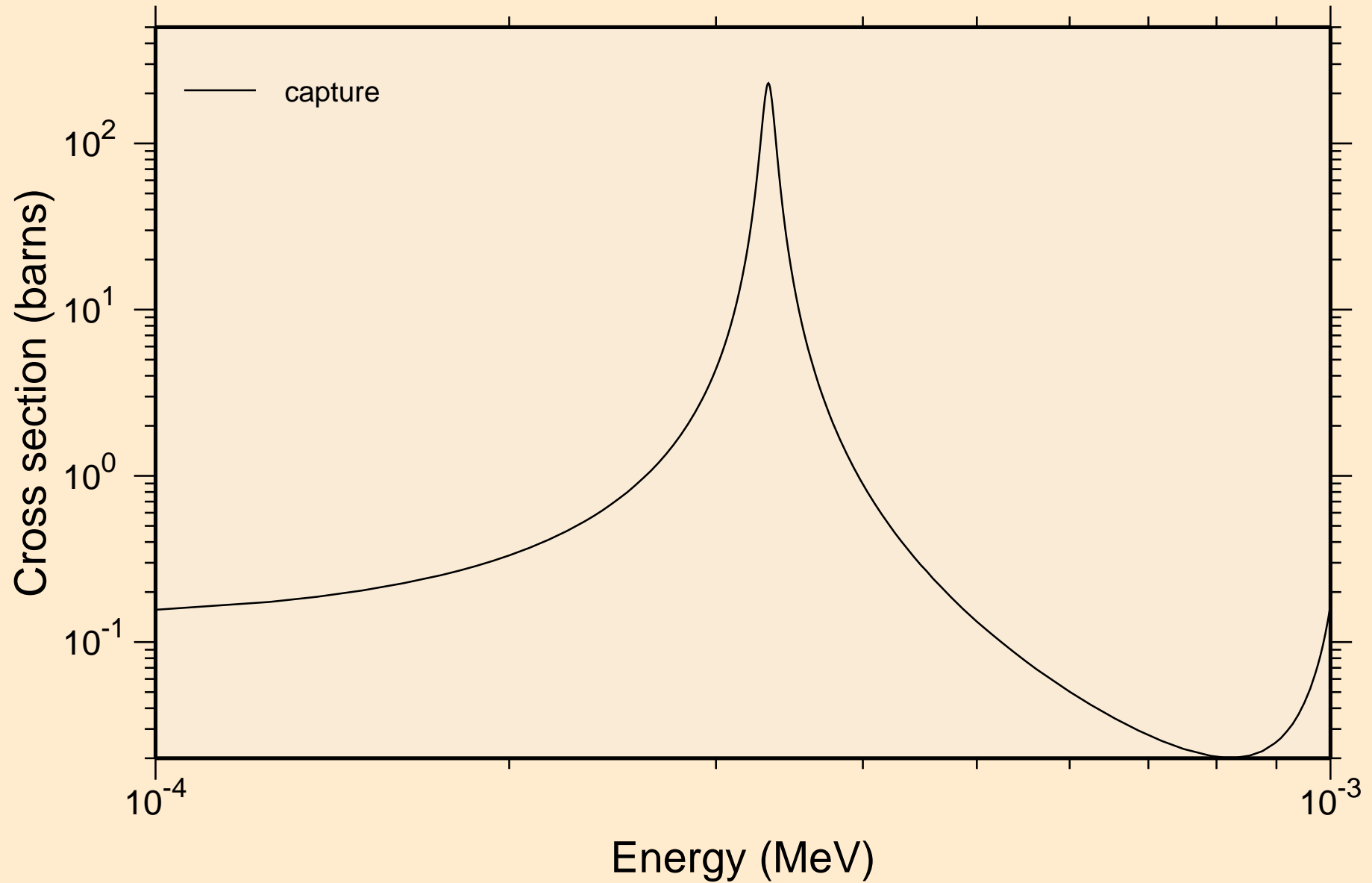
ZN071 NRG TENDL-2015, AKONING  
resonance total cross section



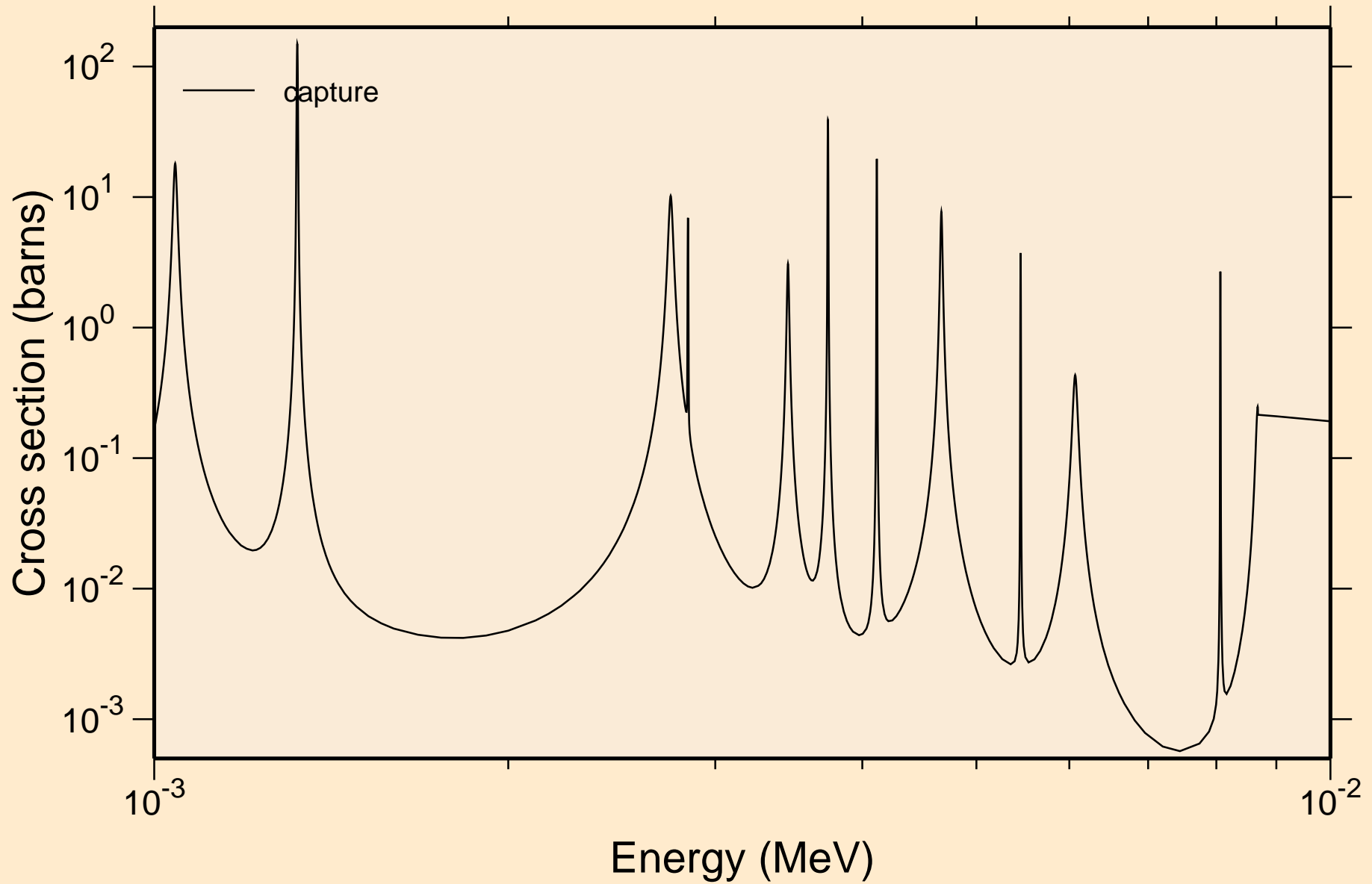
ZN071 NRG TENDL-2015, AKONING  
resonance total cross section



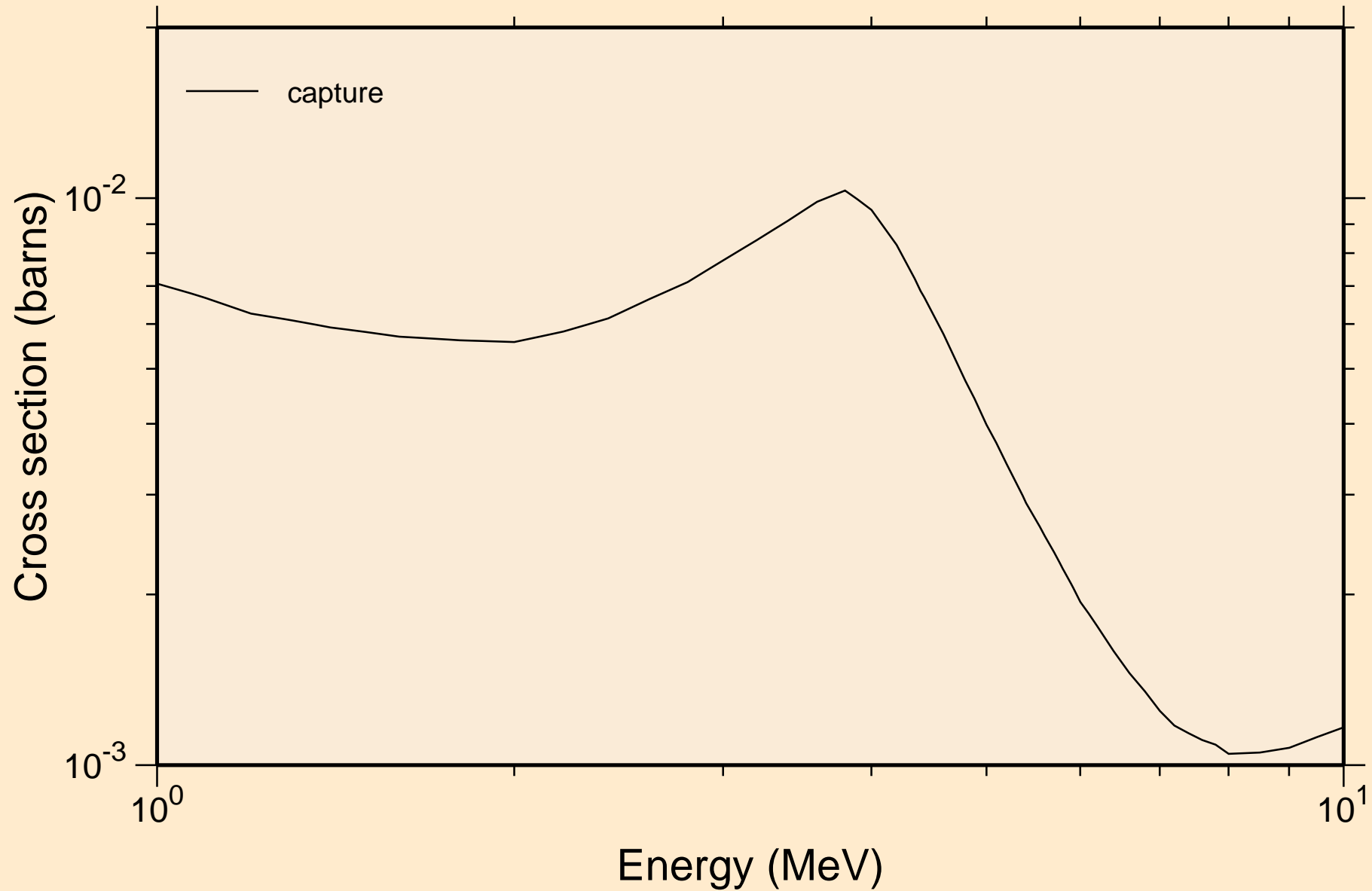
ZN071 NRG TENDL-2015, AKONING  
resonance absorption cross sections



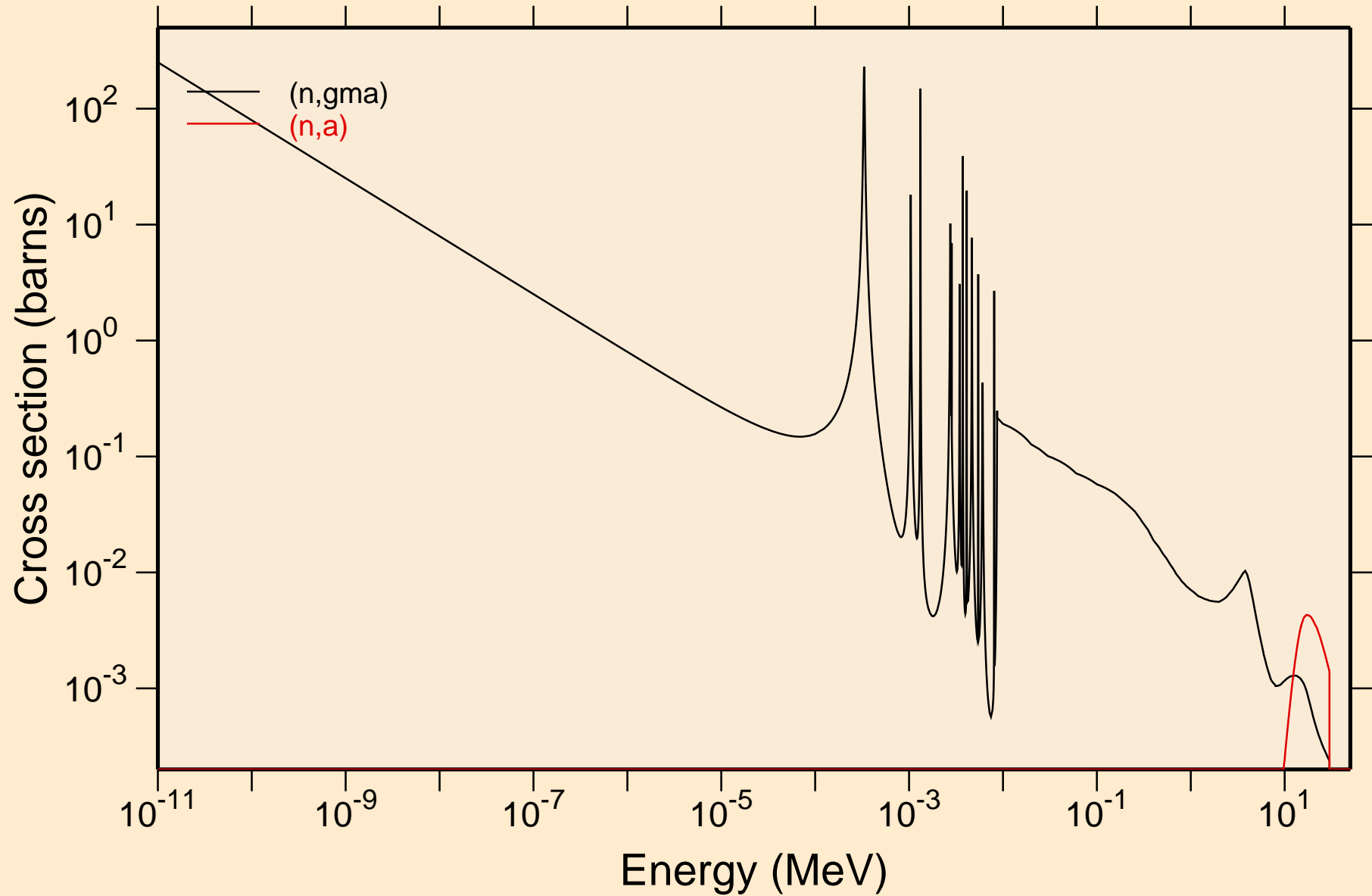
ZN071 NRG TENDL-2015, AKONING  
resonance absorption cross sections



ZN071 NRG TENDL-2015, AKONING  
resonance absorption cross sections



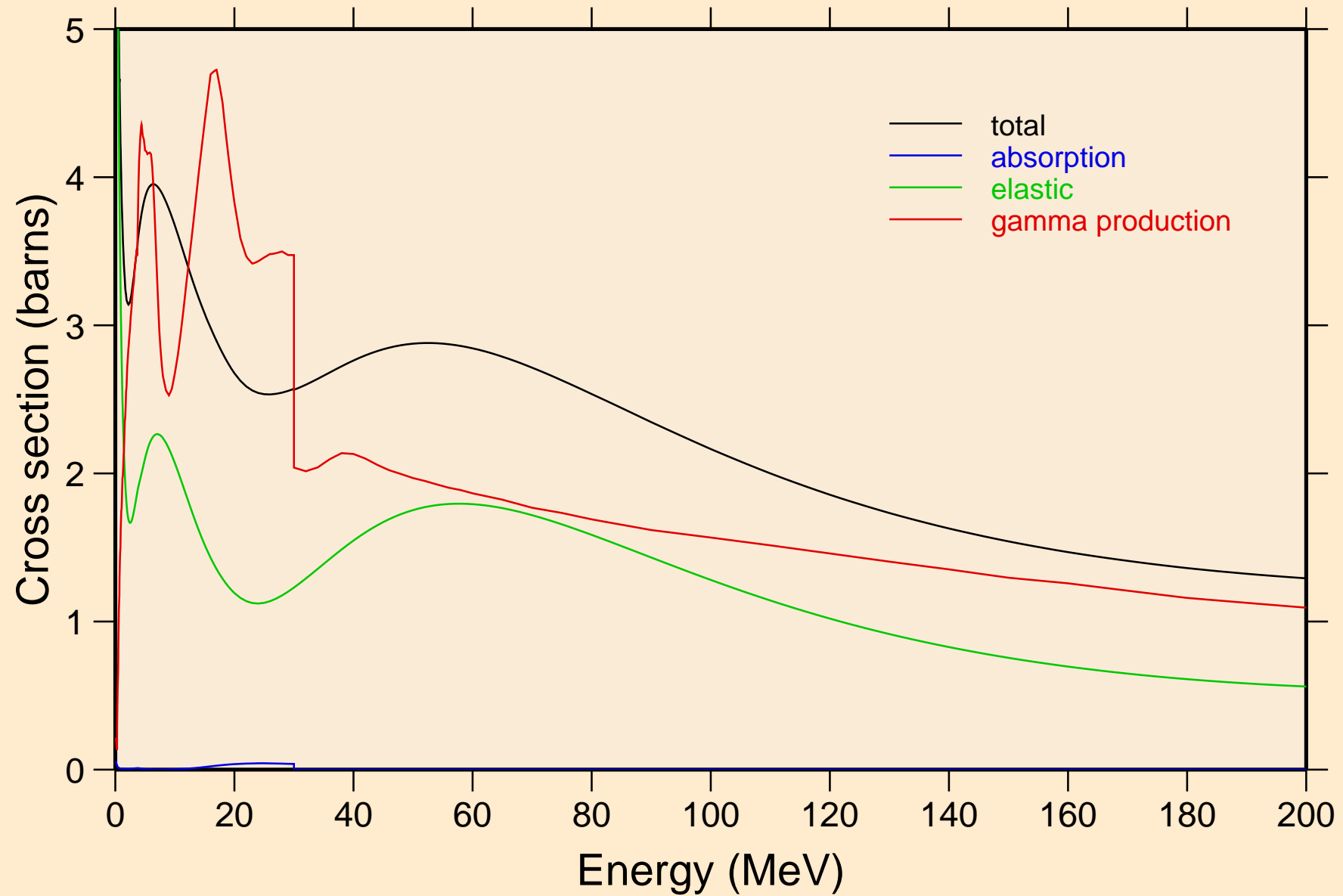
ZN071 NRG TENDL-2015, AKONING  
Non-threshold reactions





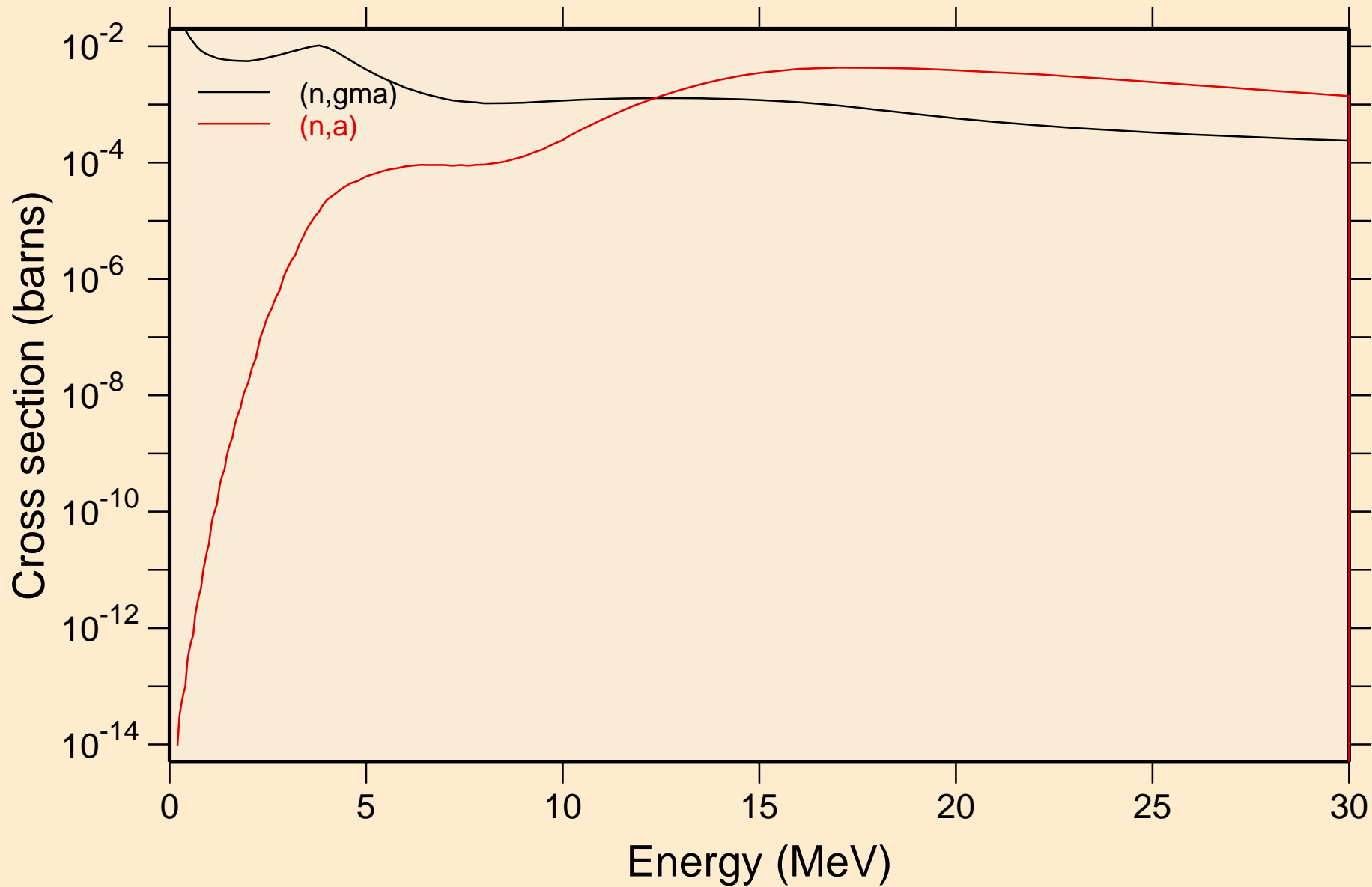
# ZN071 NRG TENDL-2015, AKONING

## Principal cross sections



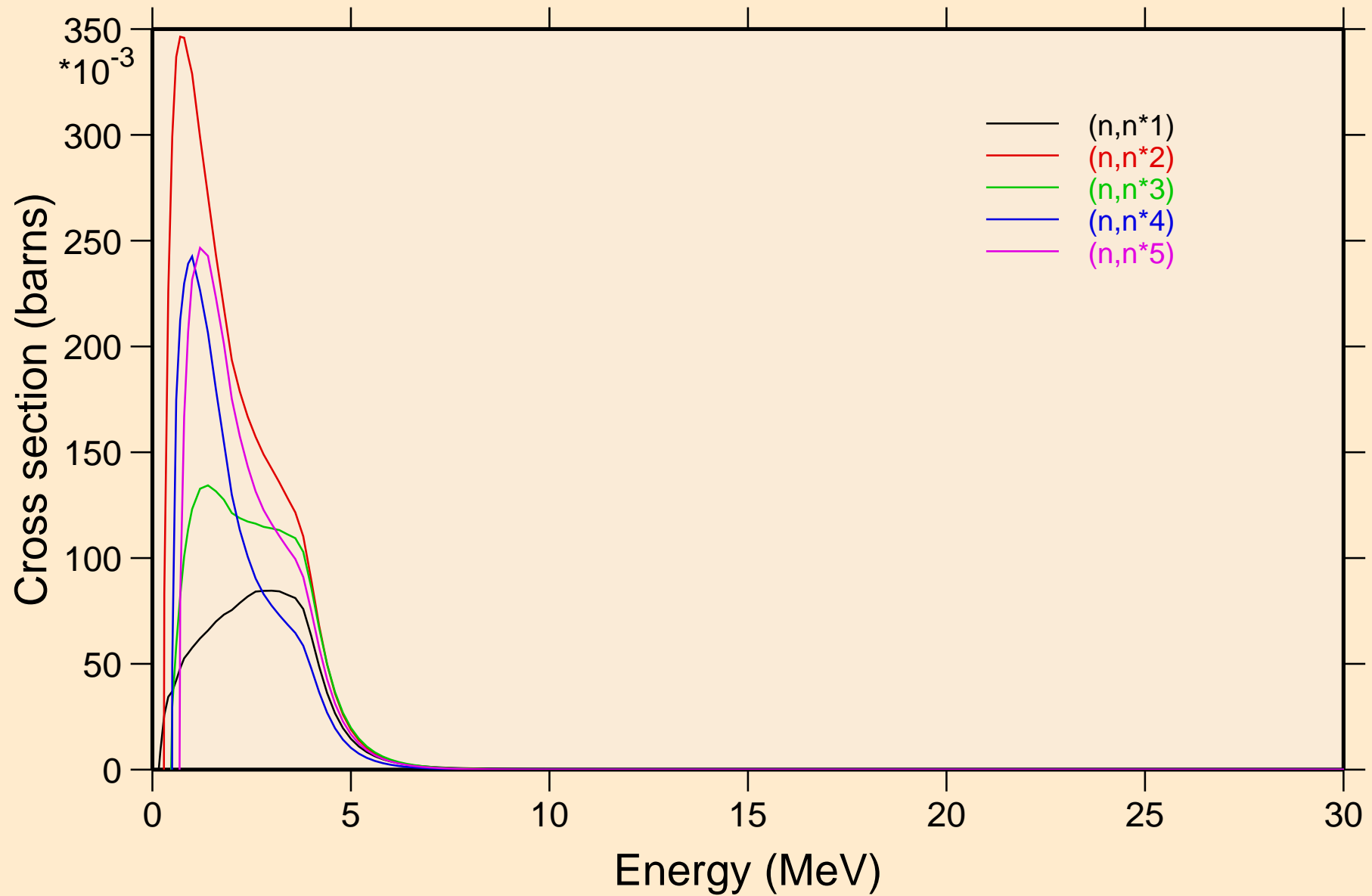
# ZN071 NRG TENDL-2015, AKONING

## Non-threshold reactions



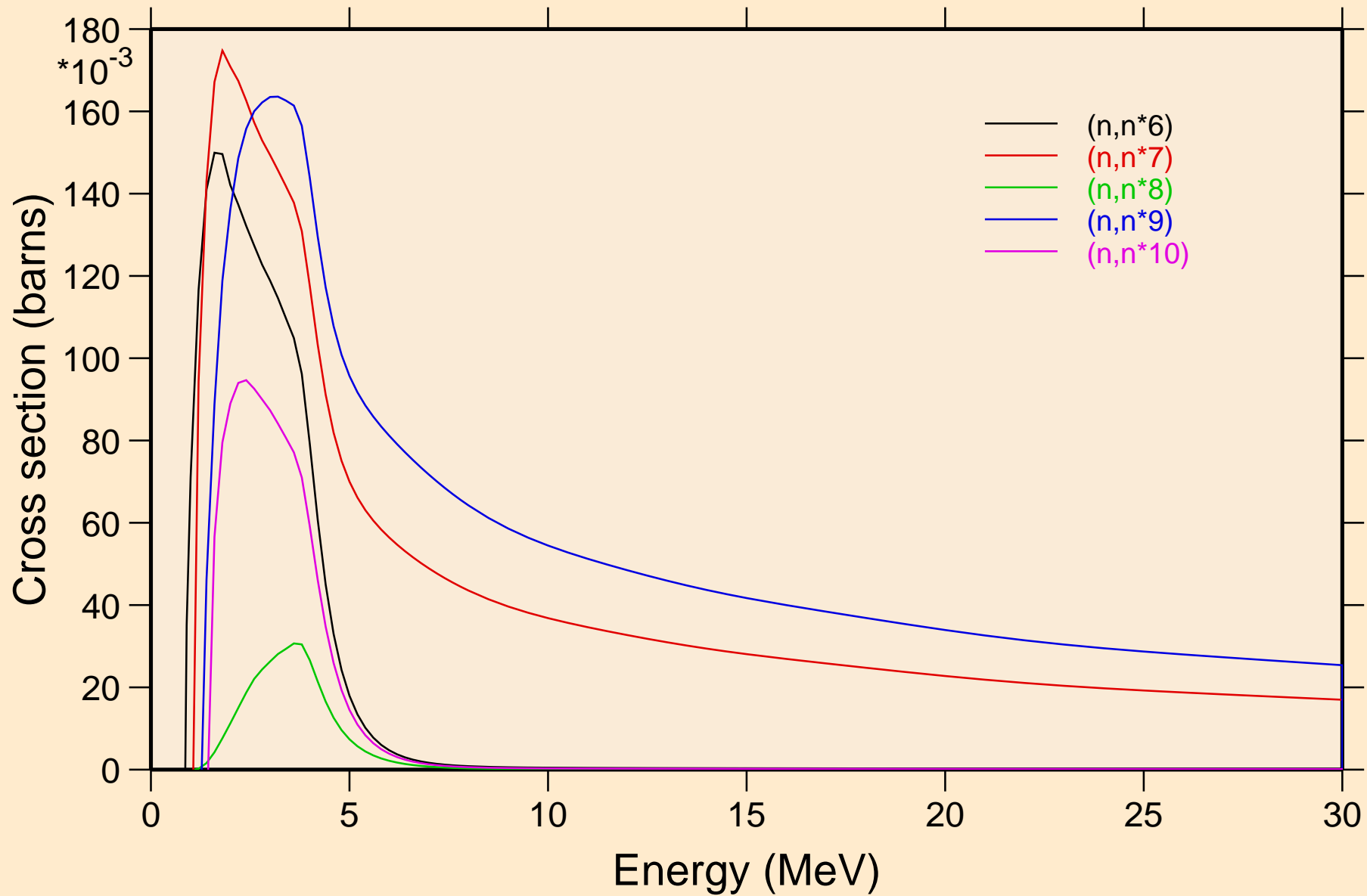
# ZN071 NRG TENDL-2015, AKONING

## Inelastic levels



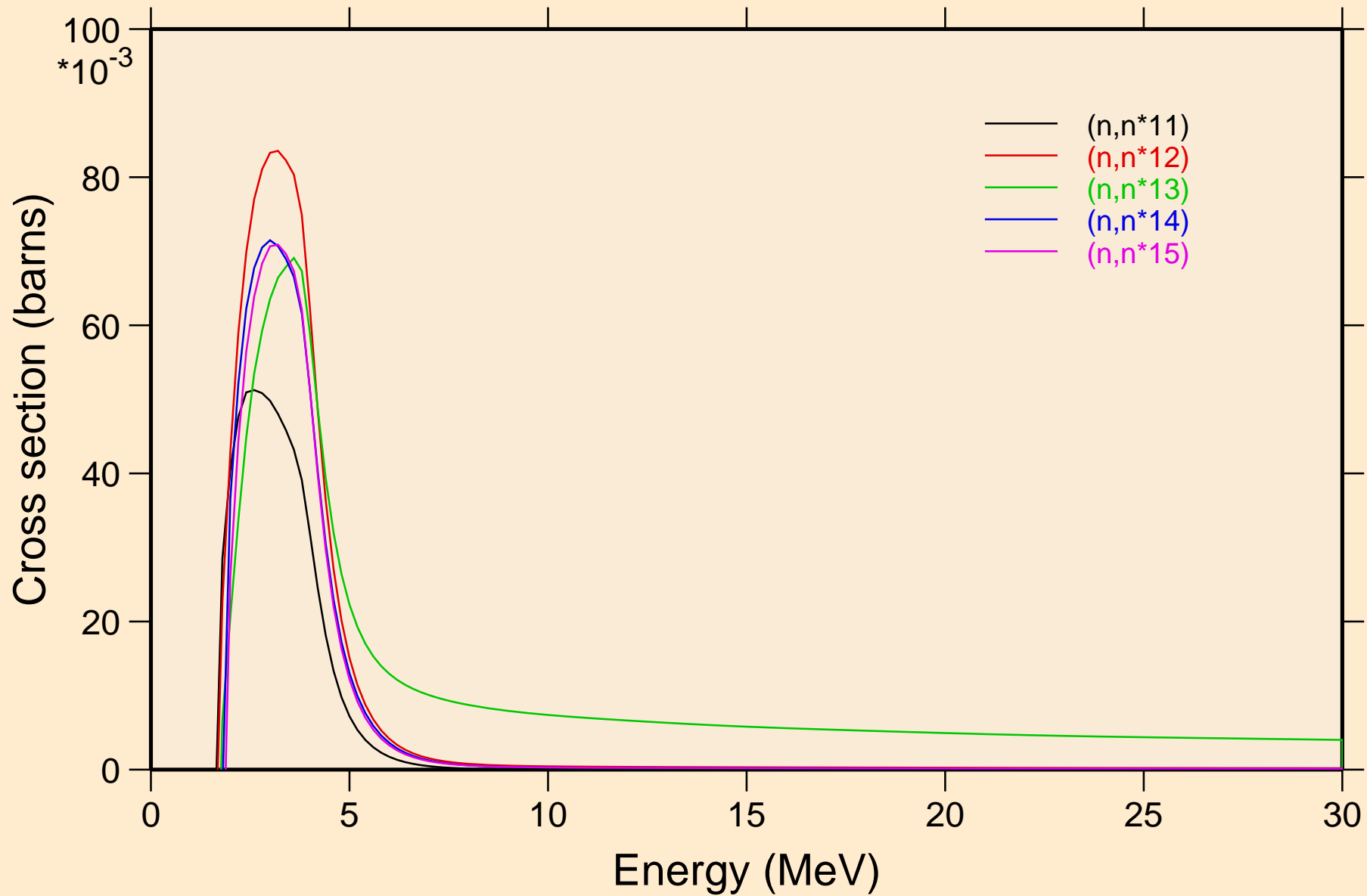
# ZN071 NRG TENDL-2015, AKONING

## Inelastic levels



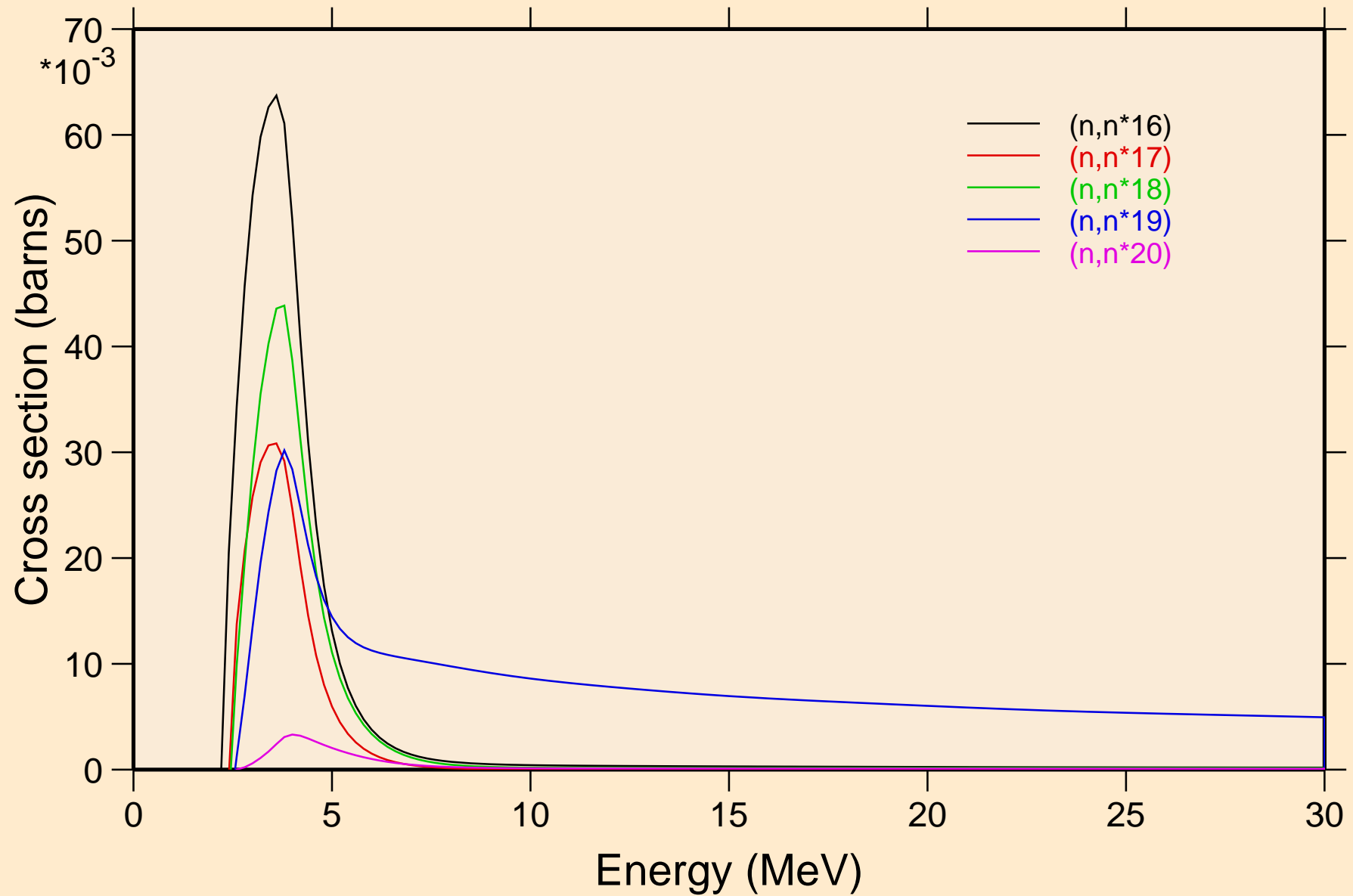
# ZN071 NRG TENDL-2015, AKONING

## Inelastic levels



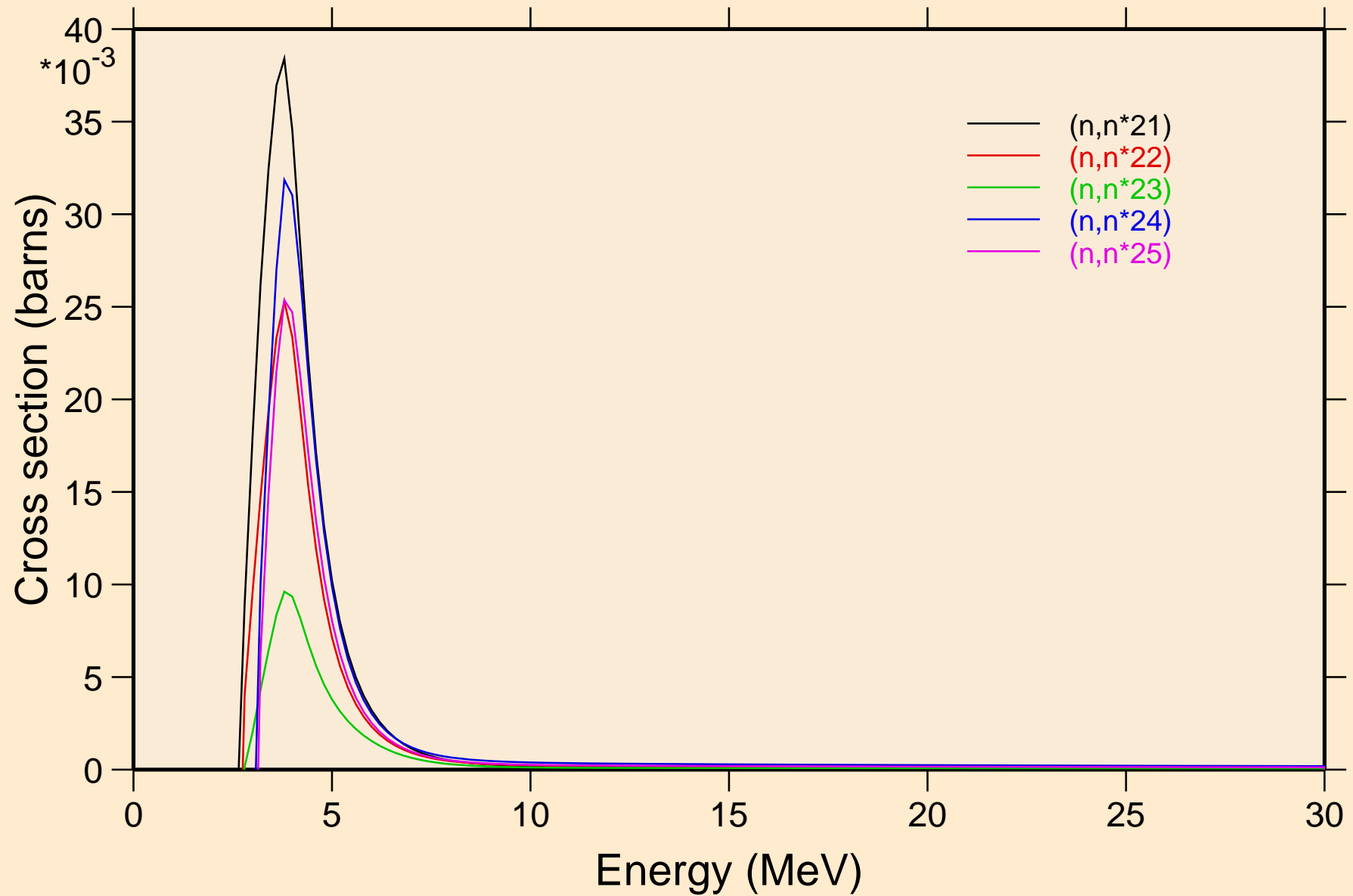
# ZN071 NRG TENDL-2015, AKONING

## Inelastic levels



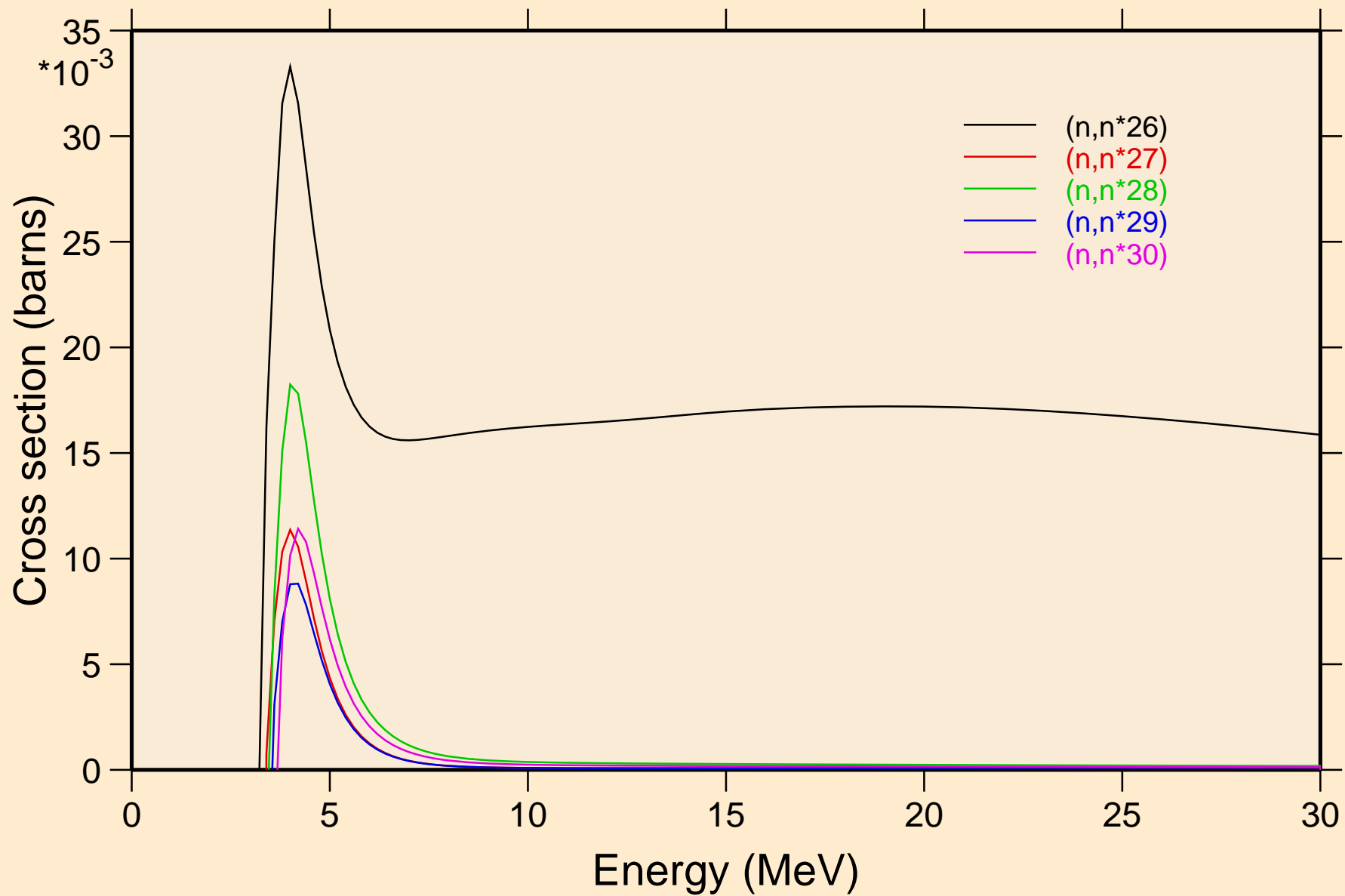
# ZN071 NRG TENDL-2015, AKONING

## Inelastic levels



# ZN071 NRG TENDL-2015, AKONING

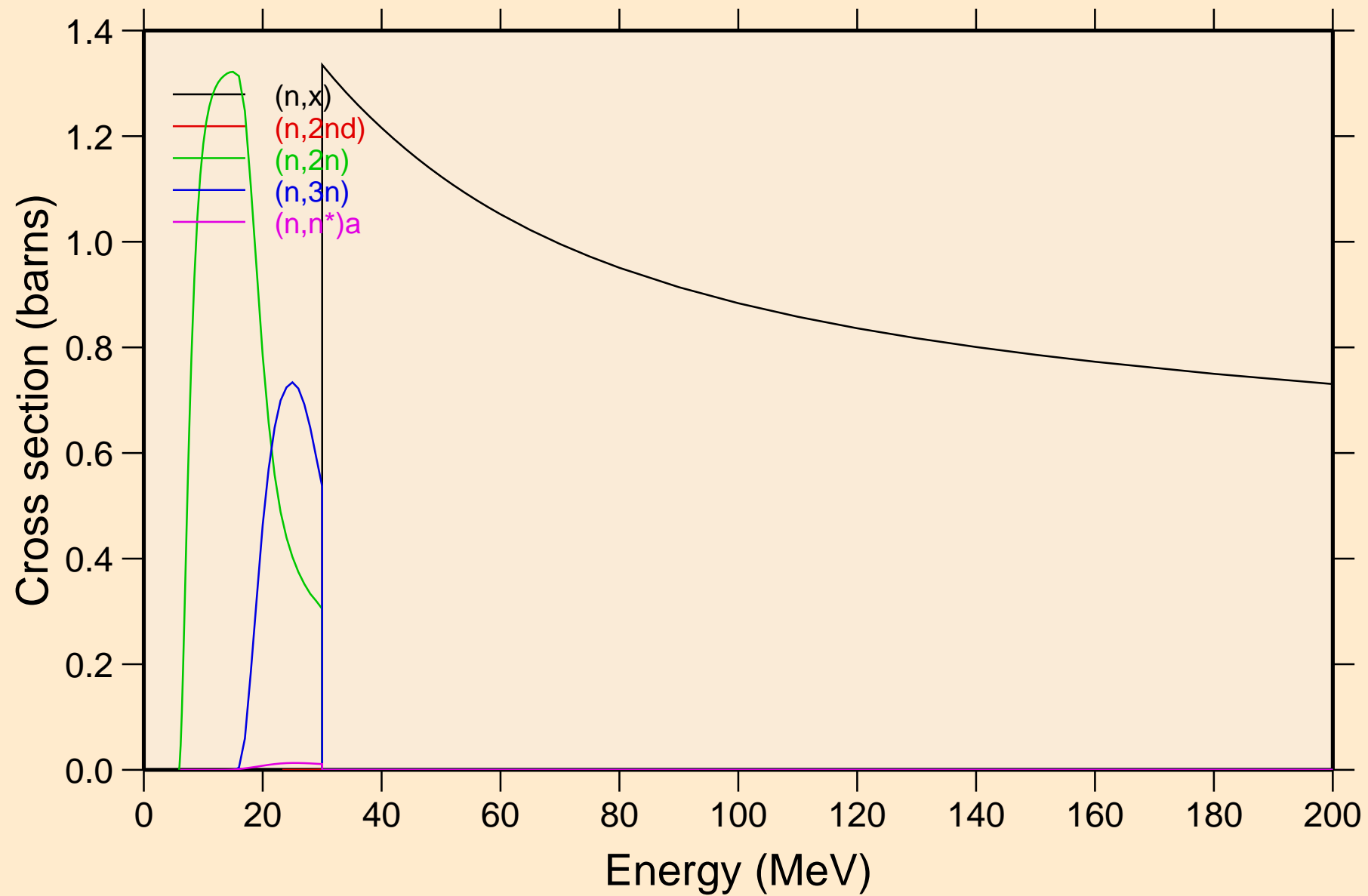
## Inelastic levels





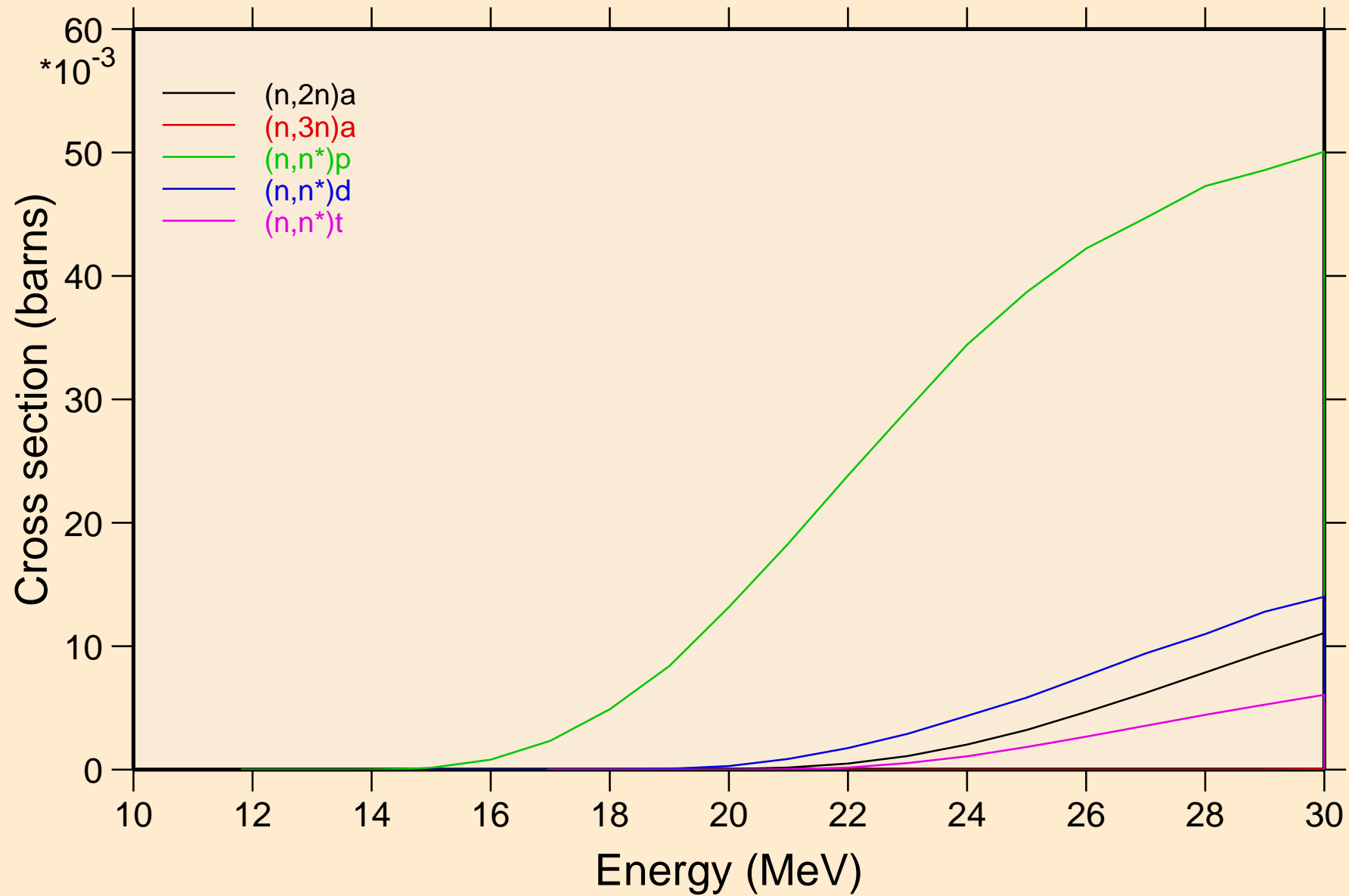
# ZN071 NRG TENDL-2015, AKONING

## Threshold reactions



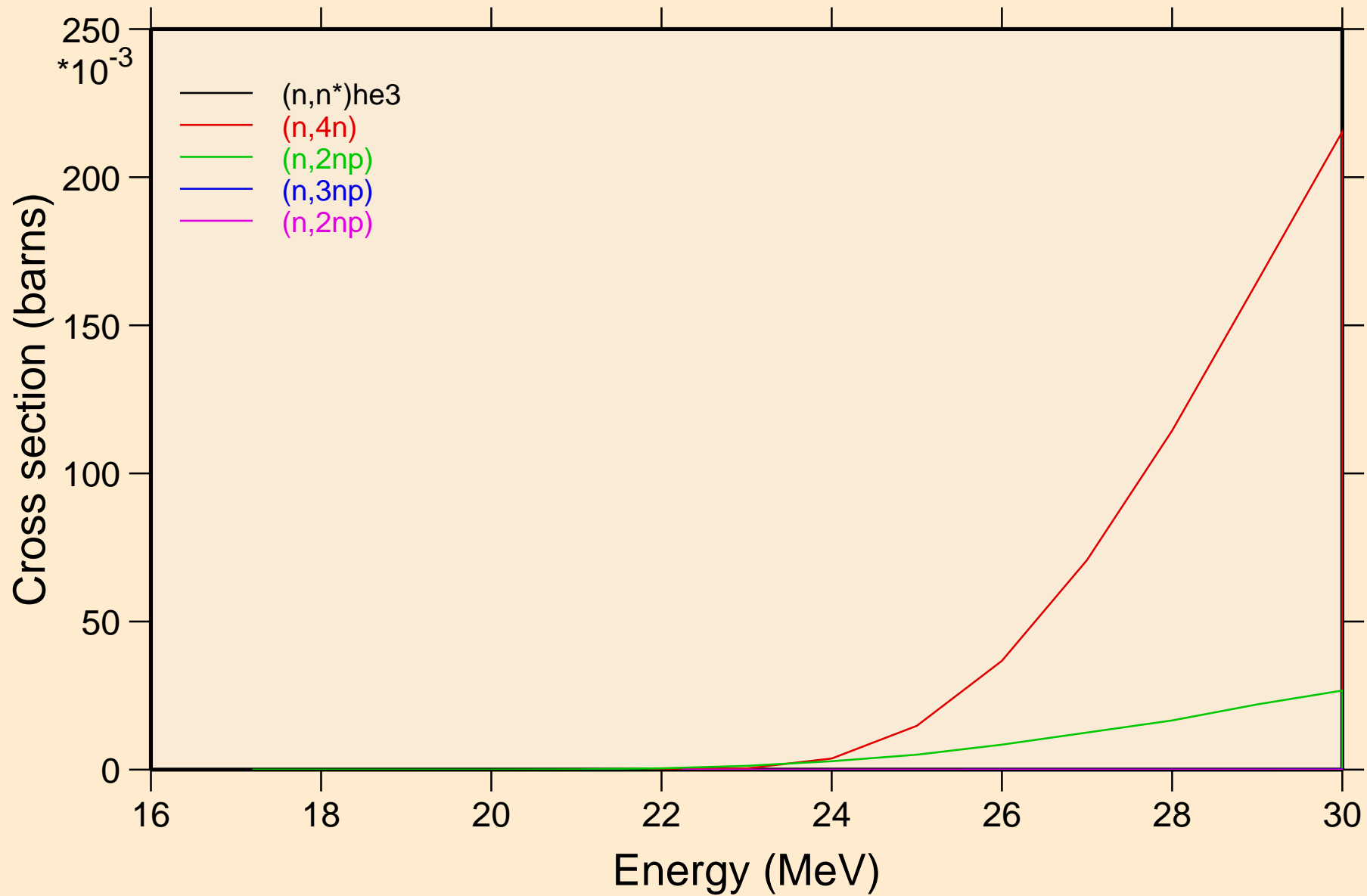
# ZN071 NRG TENDL-2015, AKONING

## Threshold reactions



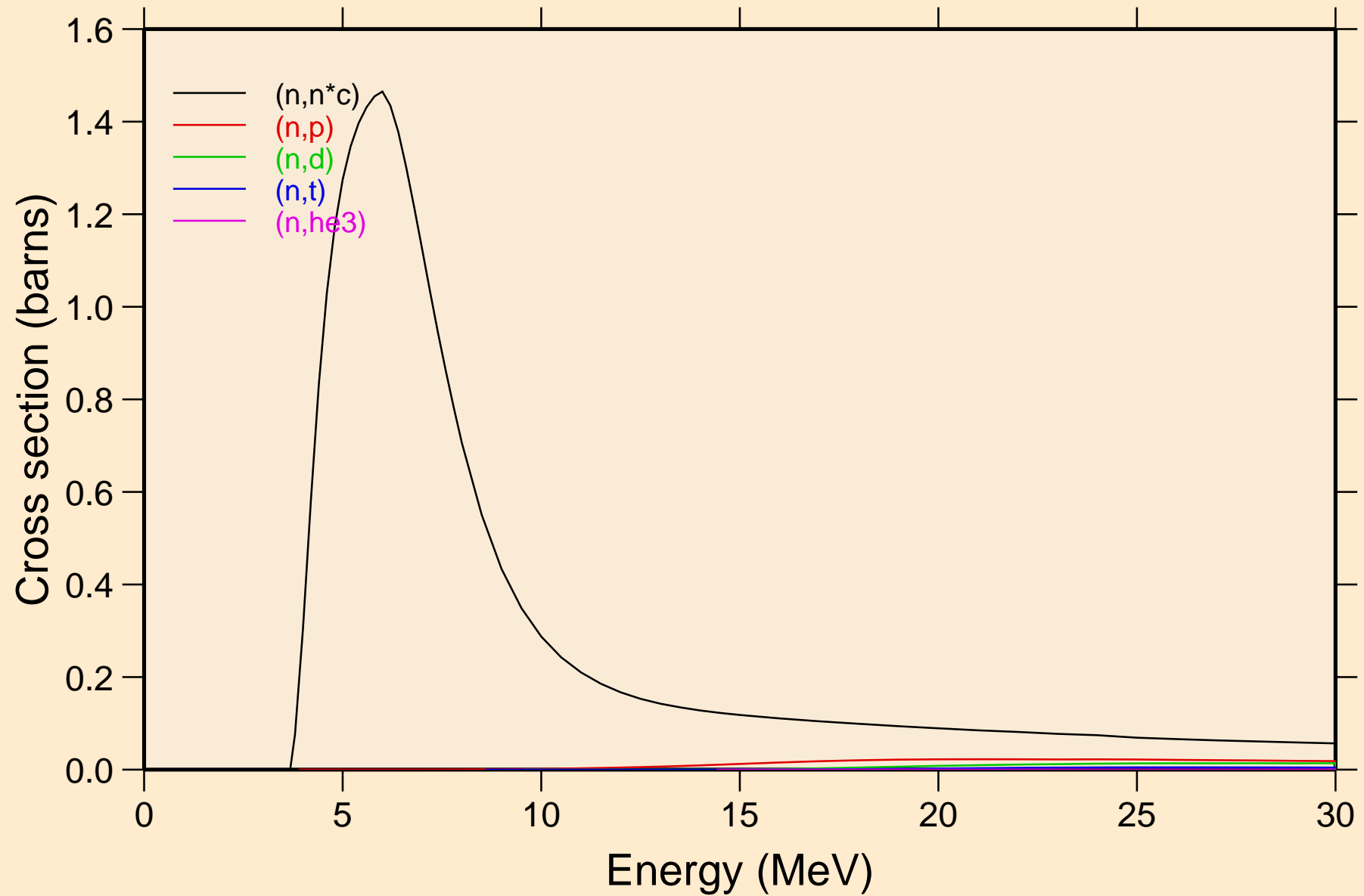
# ZN071 NRG TENDL-2015, AKONING

## Threshold reactions



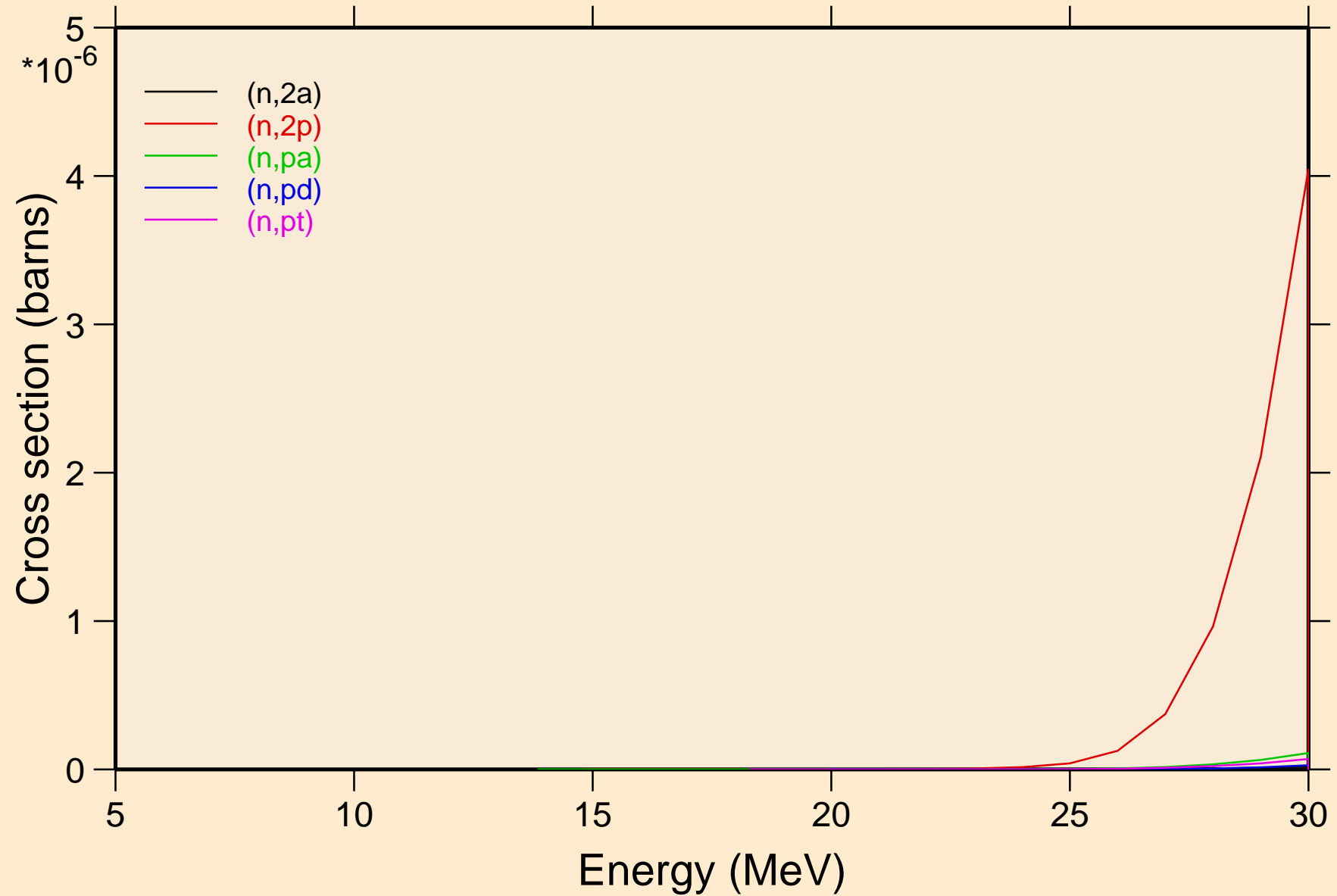
# ZN071 NRG TENDL-2015, AKONING

## Threshold reactions

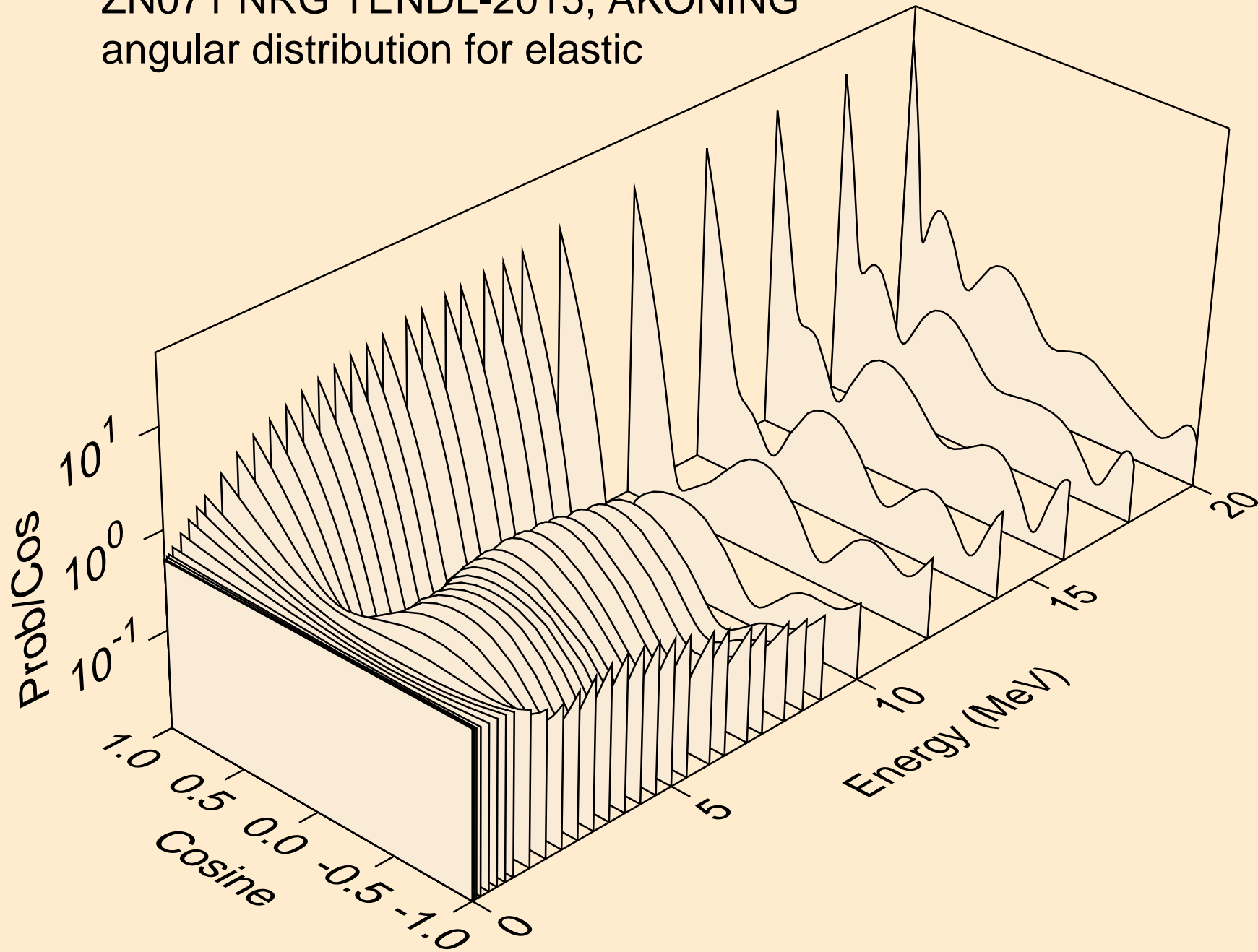


# ZN071 NRG TENDL-2015, AKONING

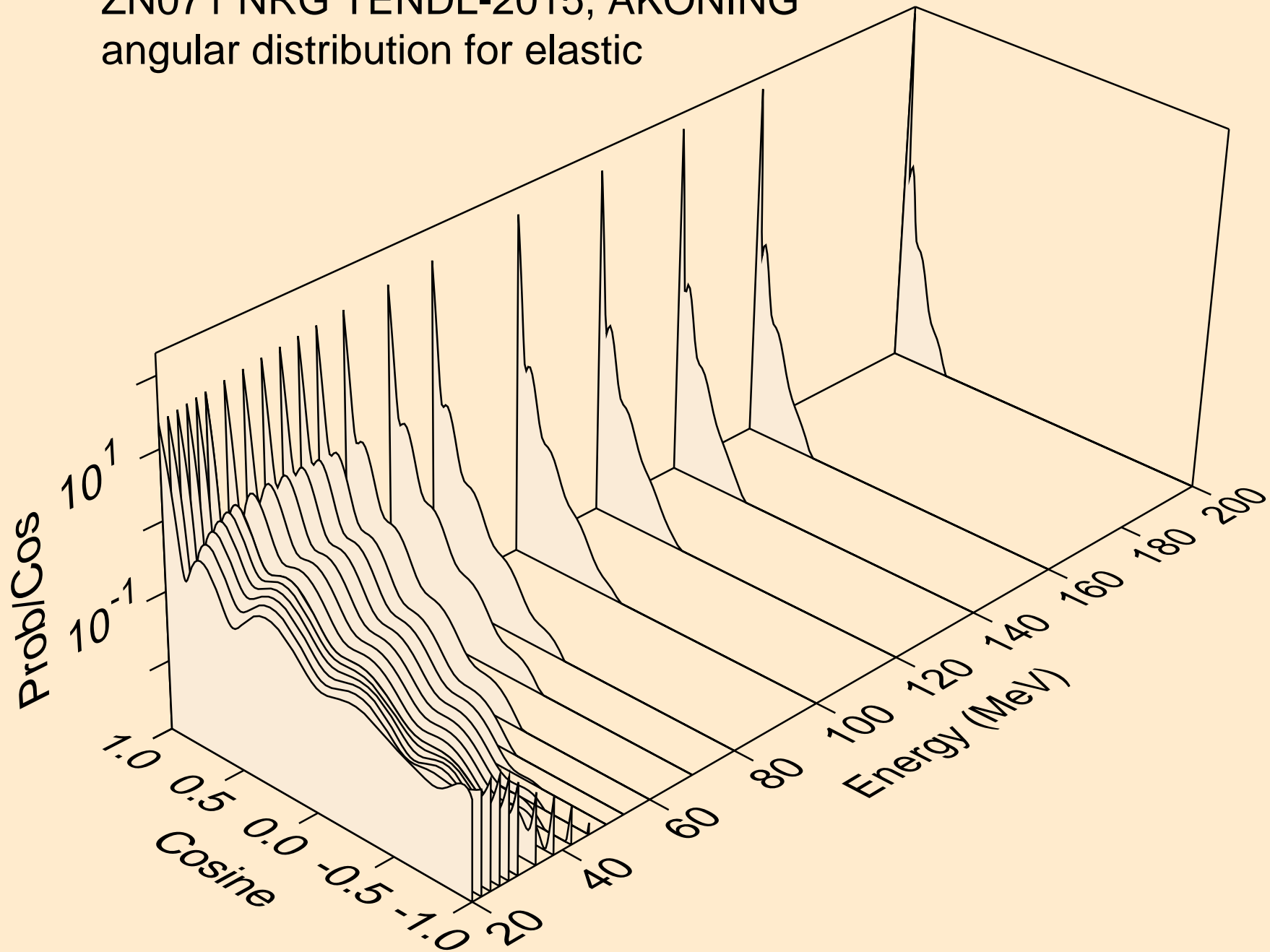
## Threshold reactions



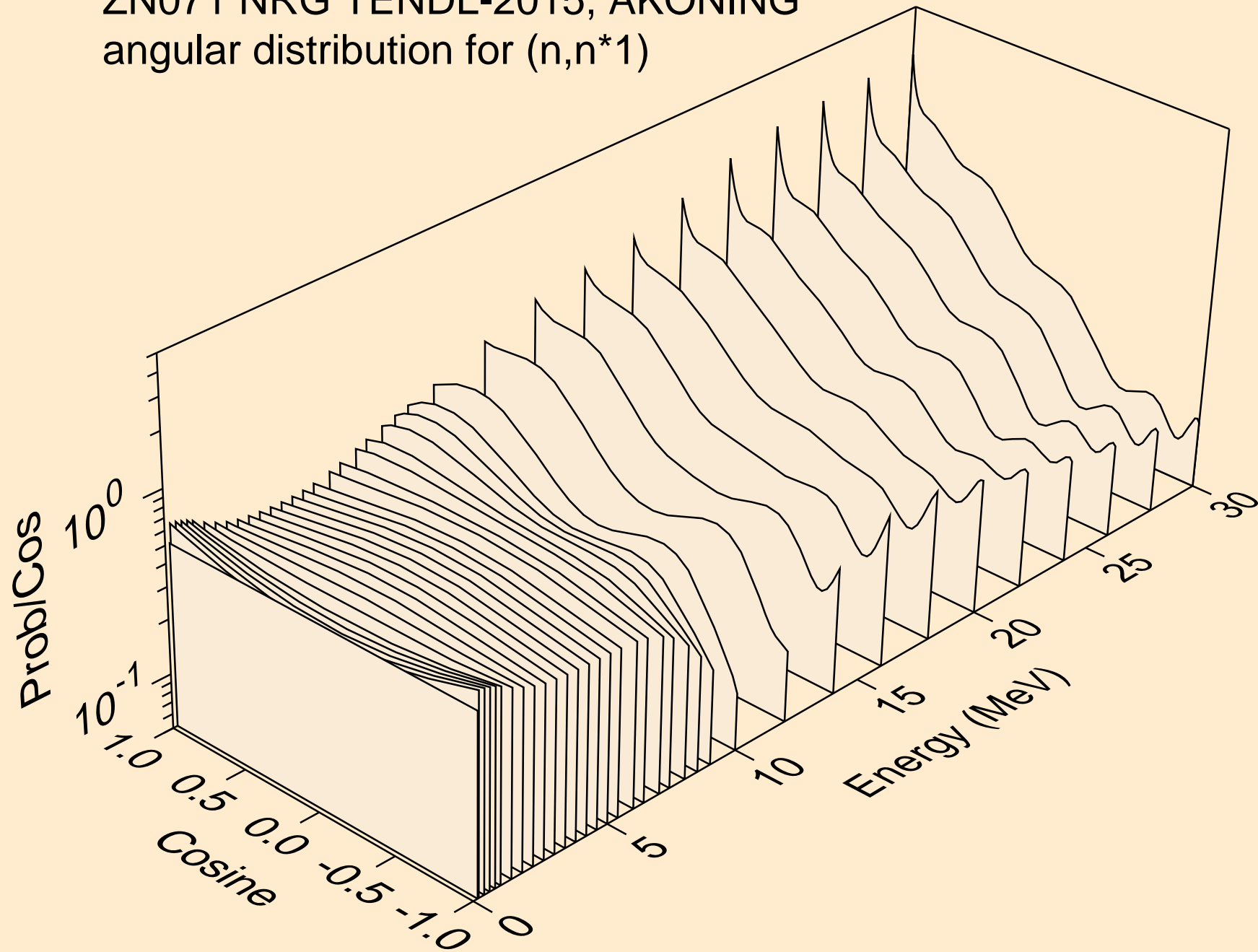
ZN071 NRG TENDL-2015, AKONING  
angular distribution for elastic



ZN071 NRG TENDL-2015, AKONING  
angular distribution for elastic

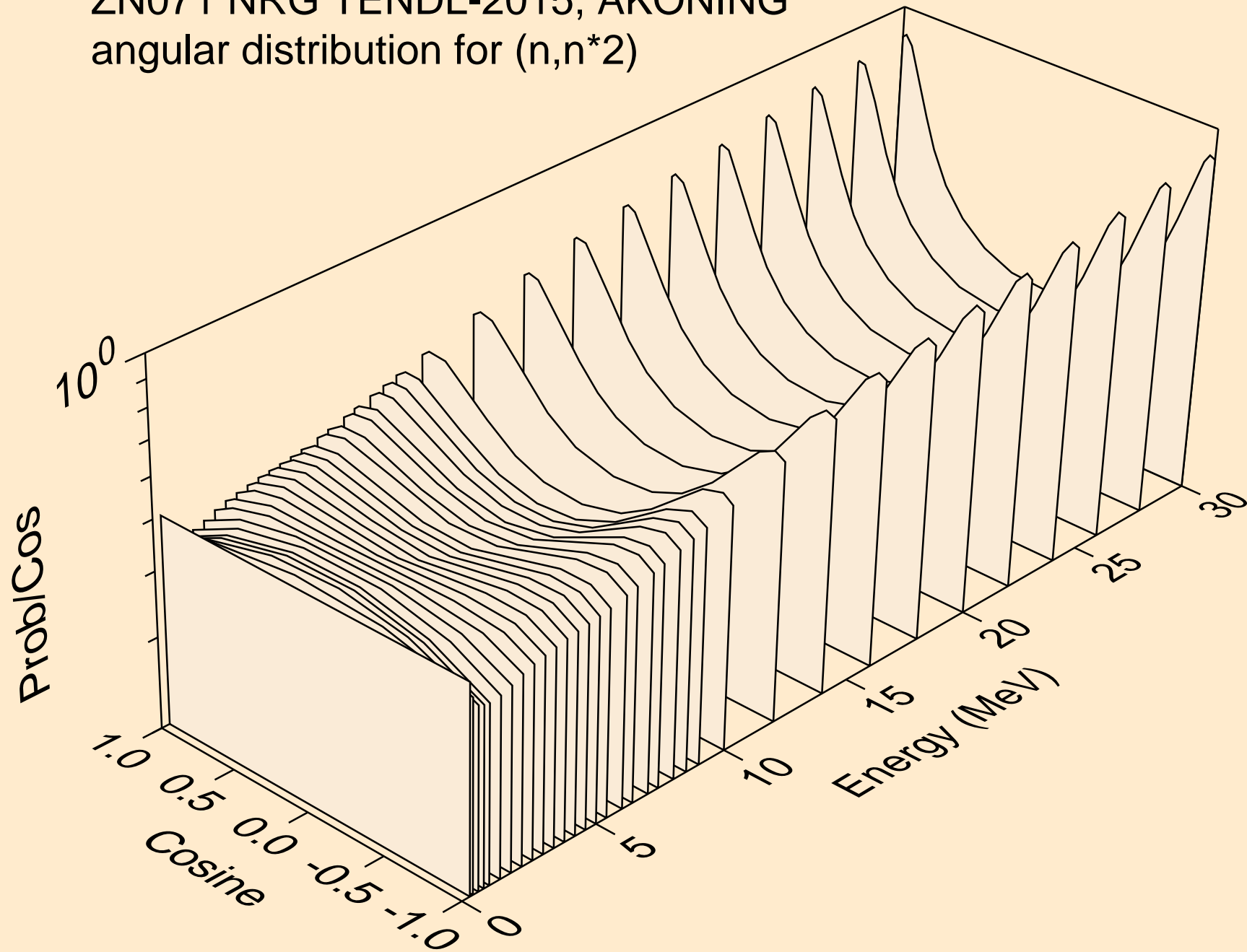


ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

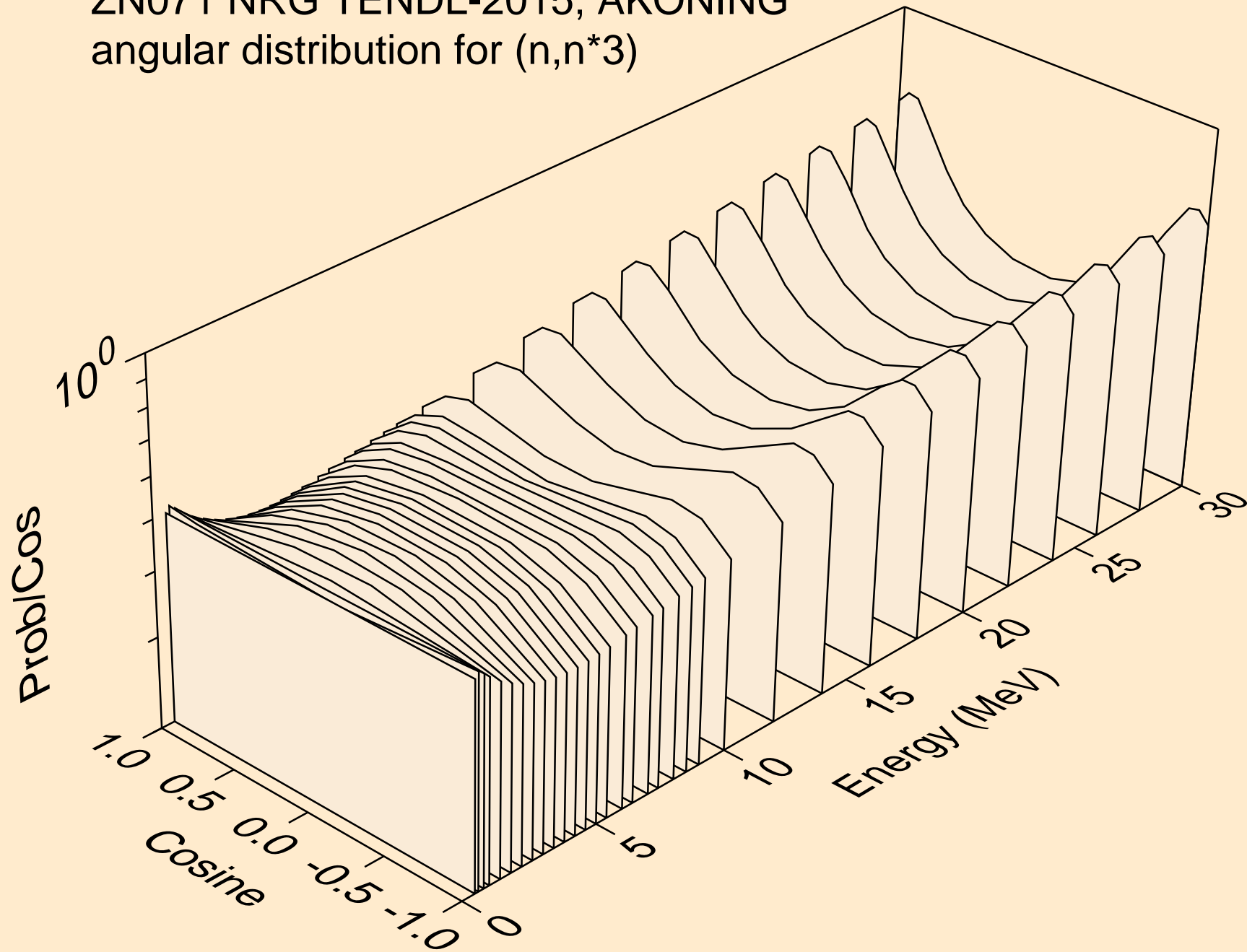




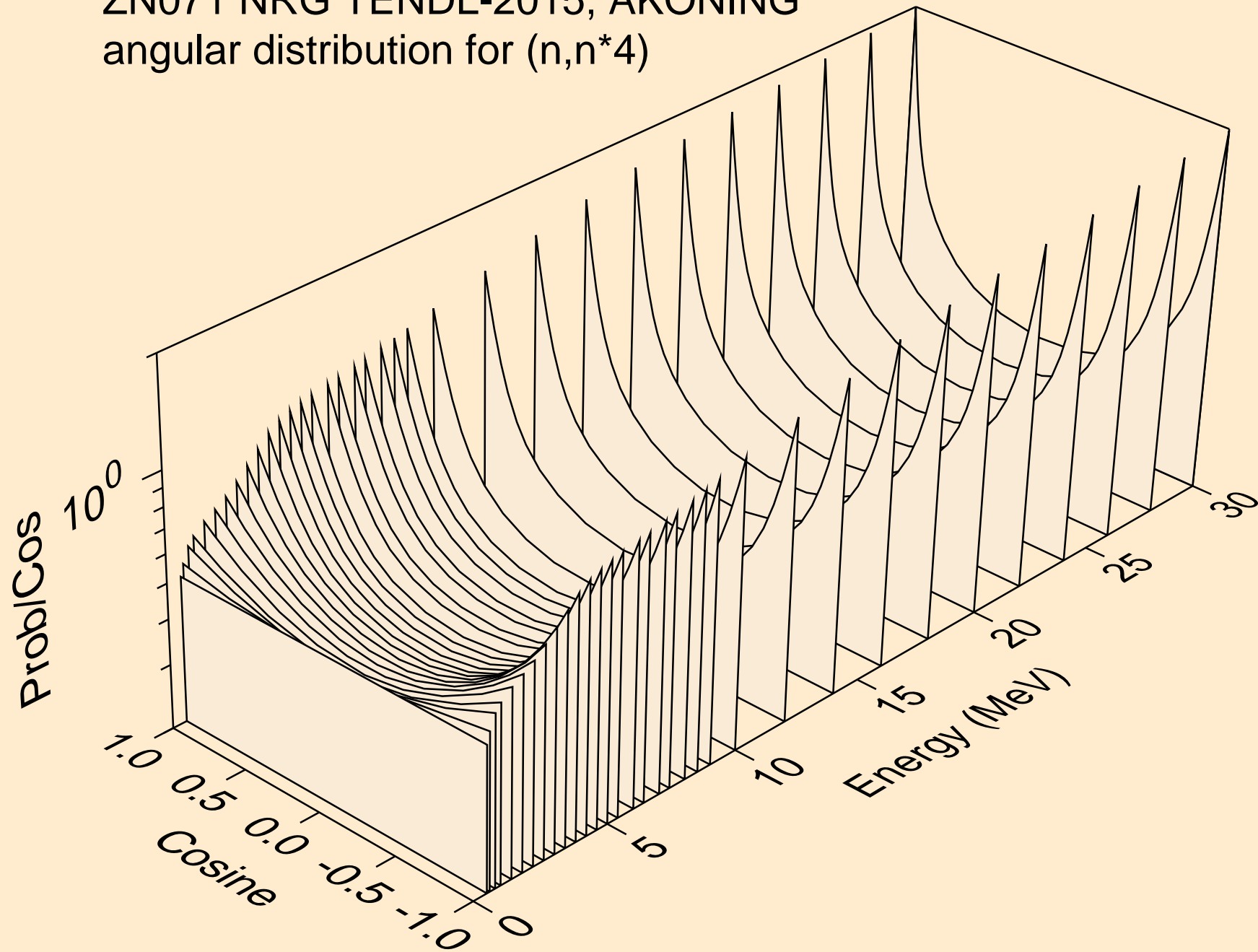
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



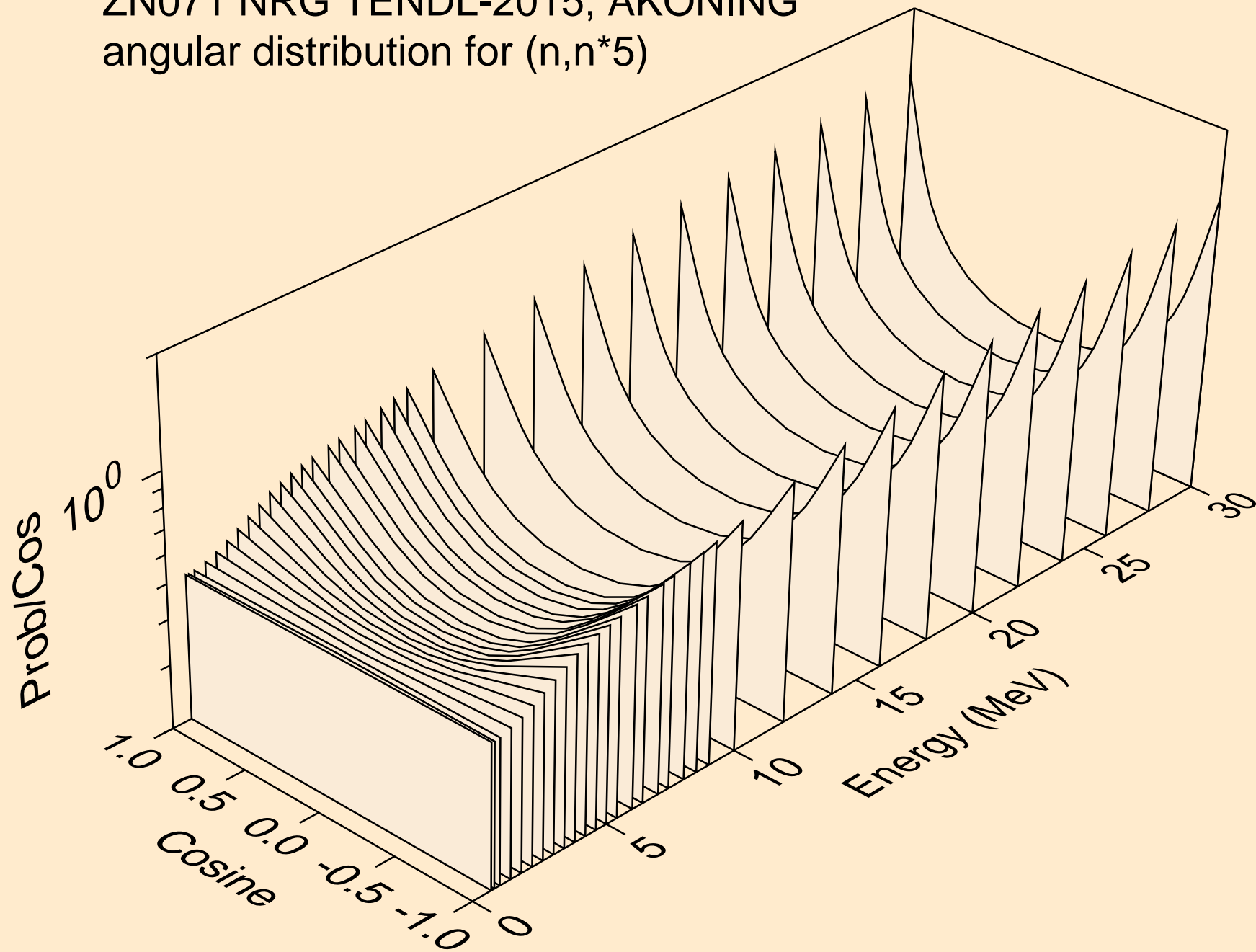
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



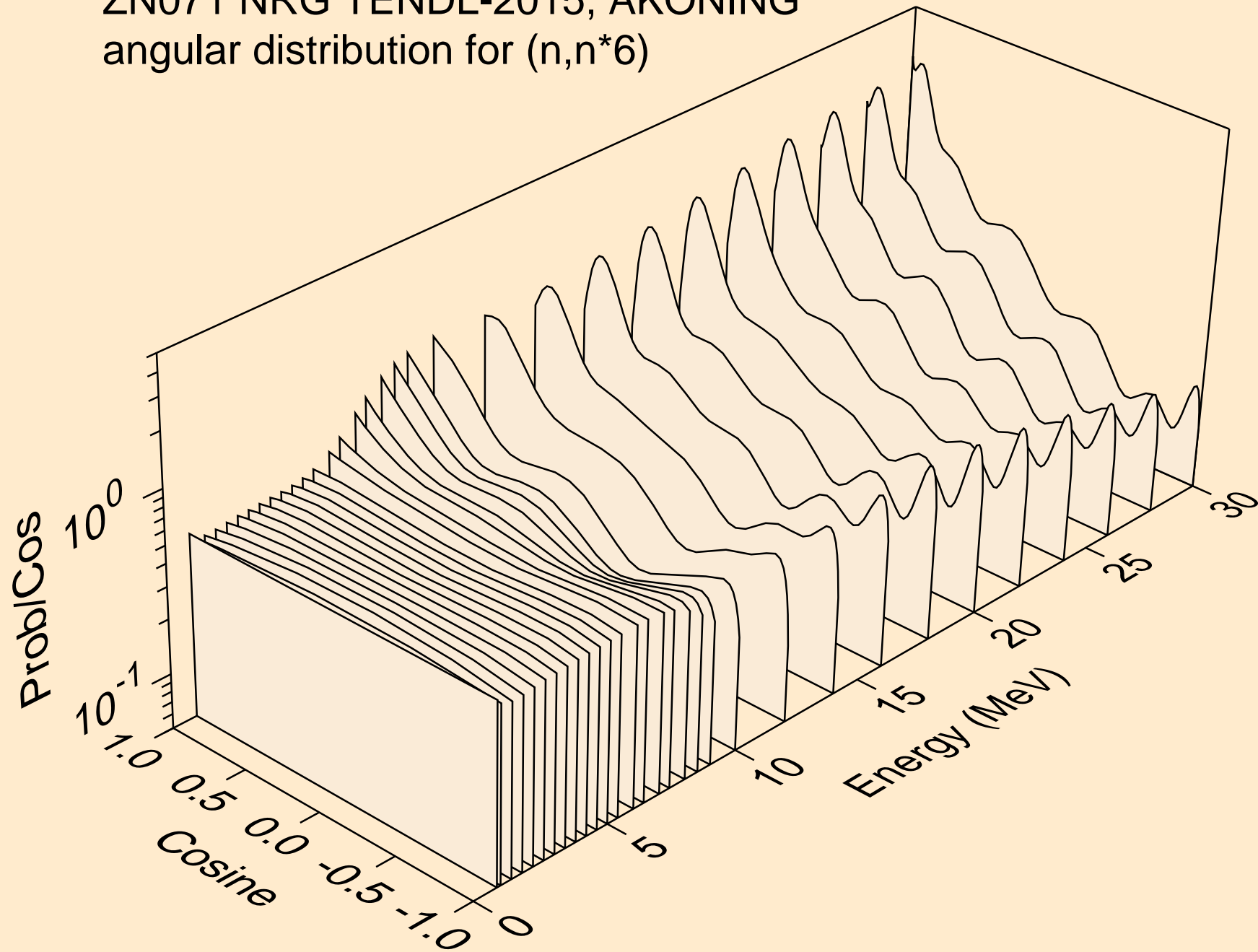
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



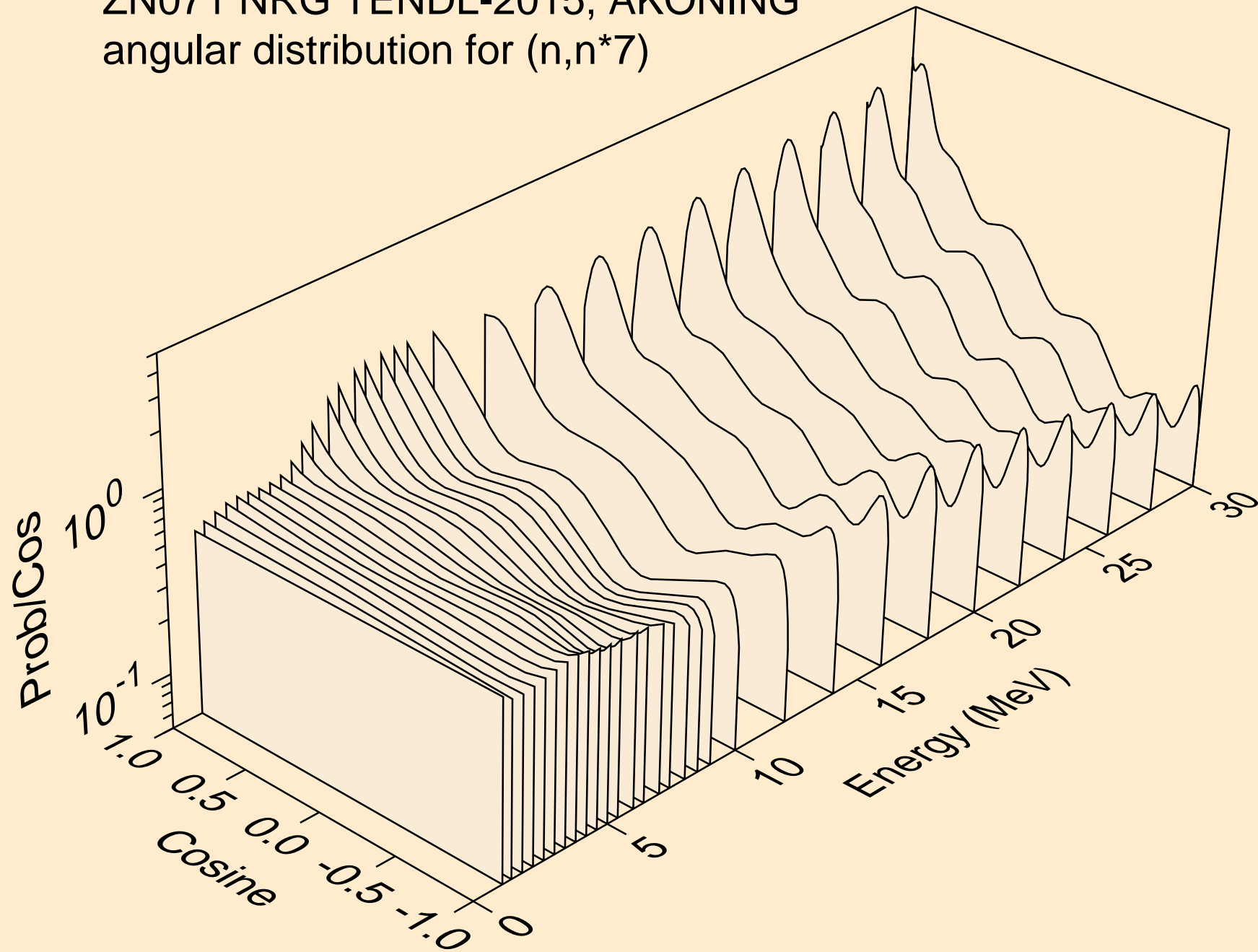
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



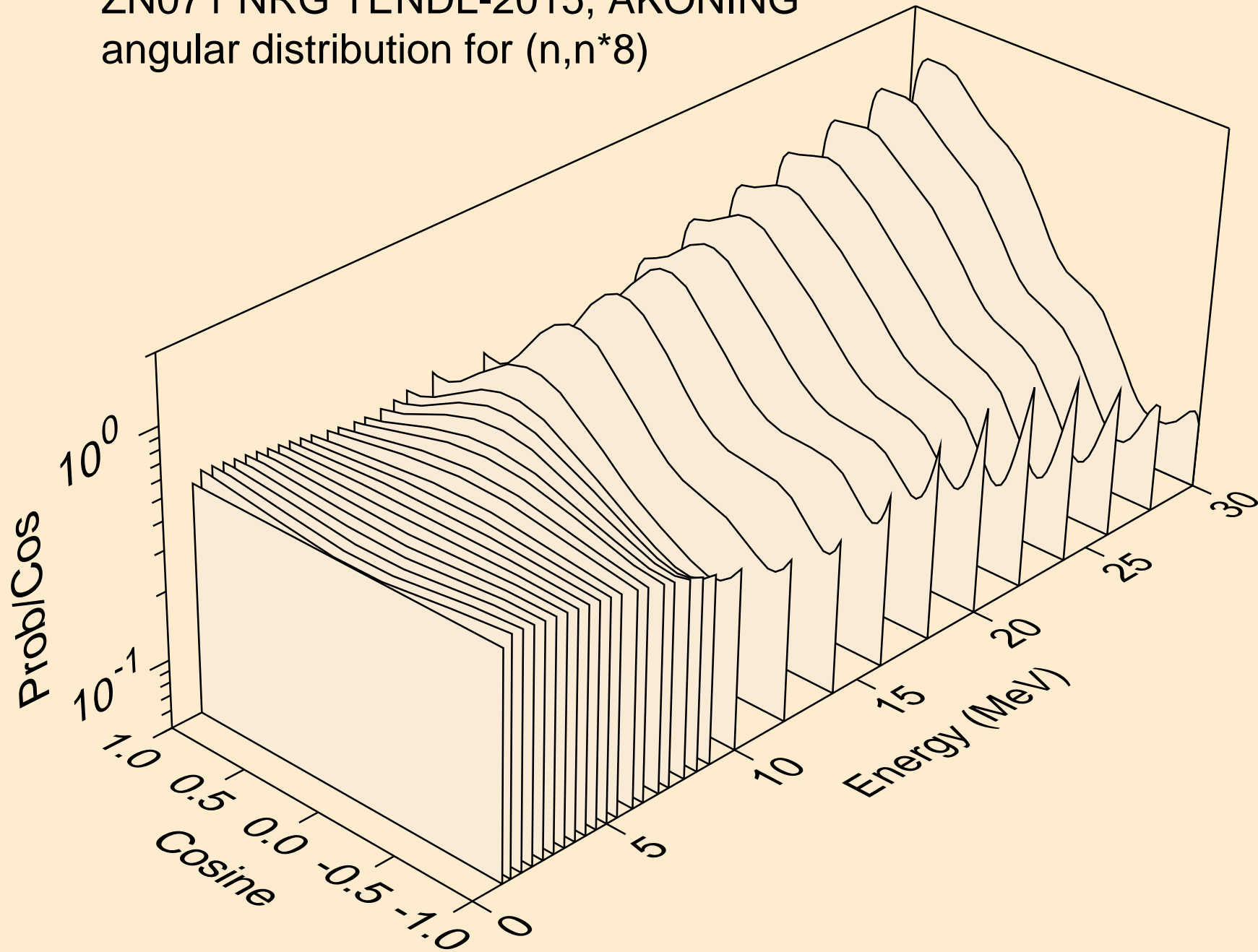
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



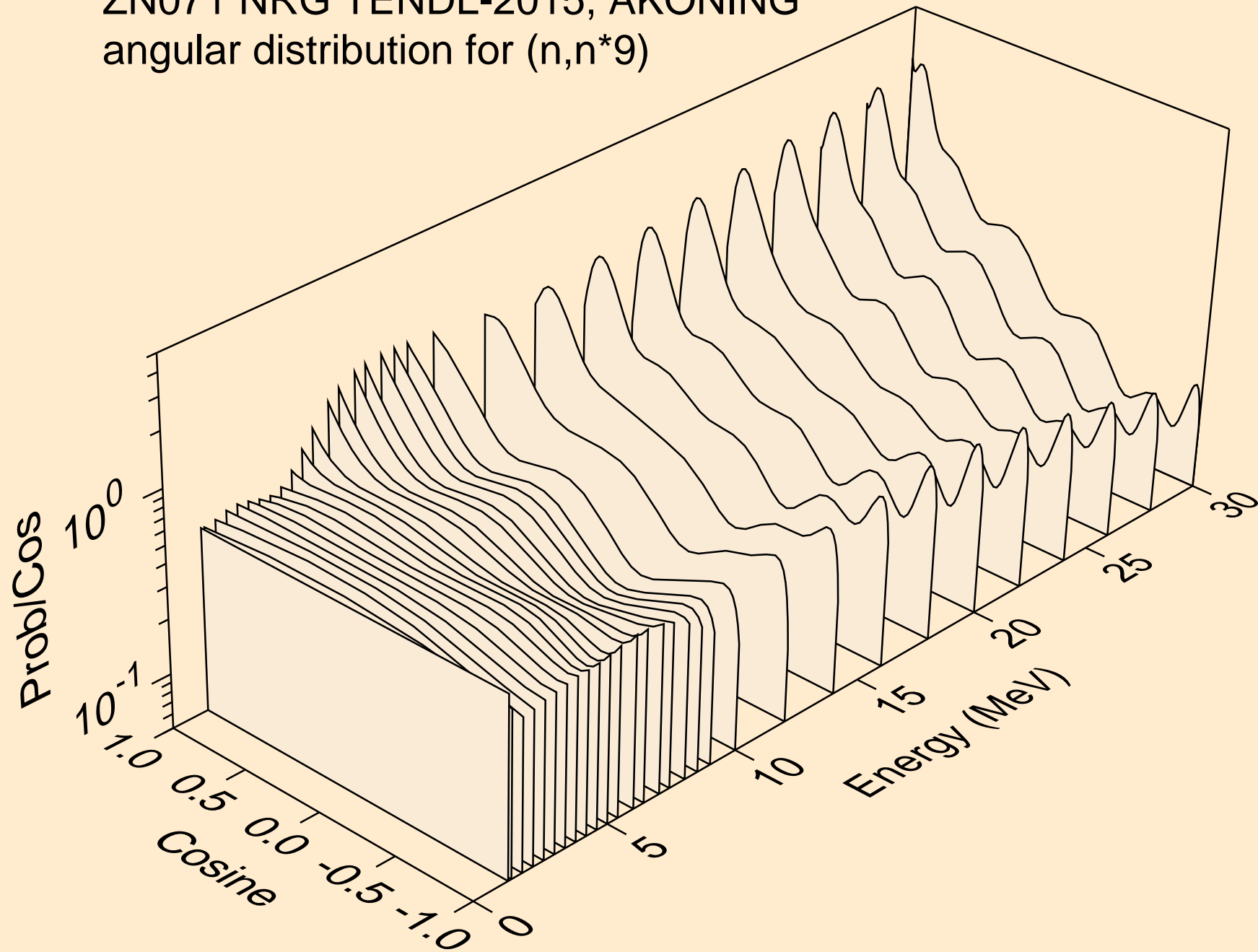
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

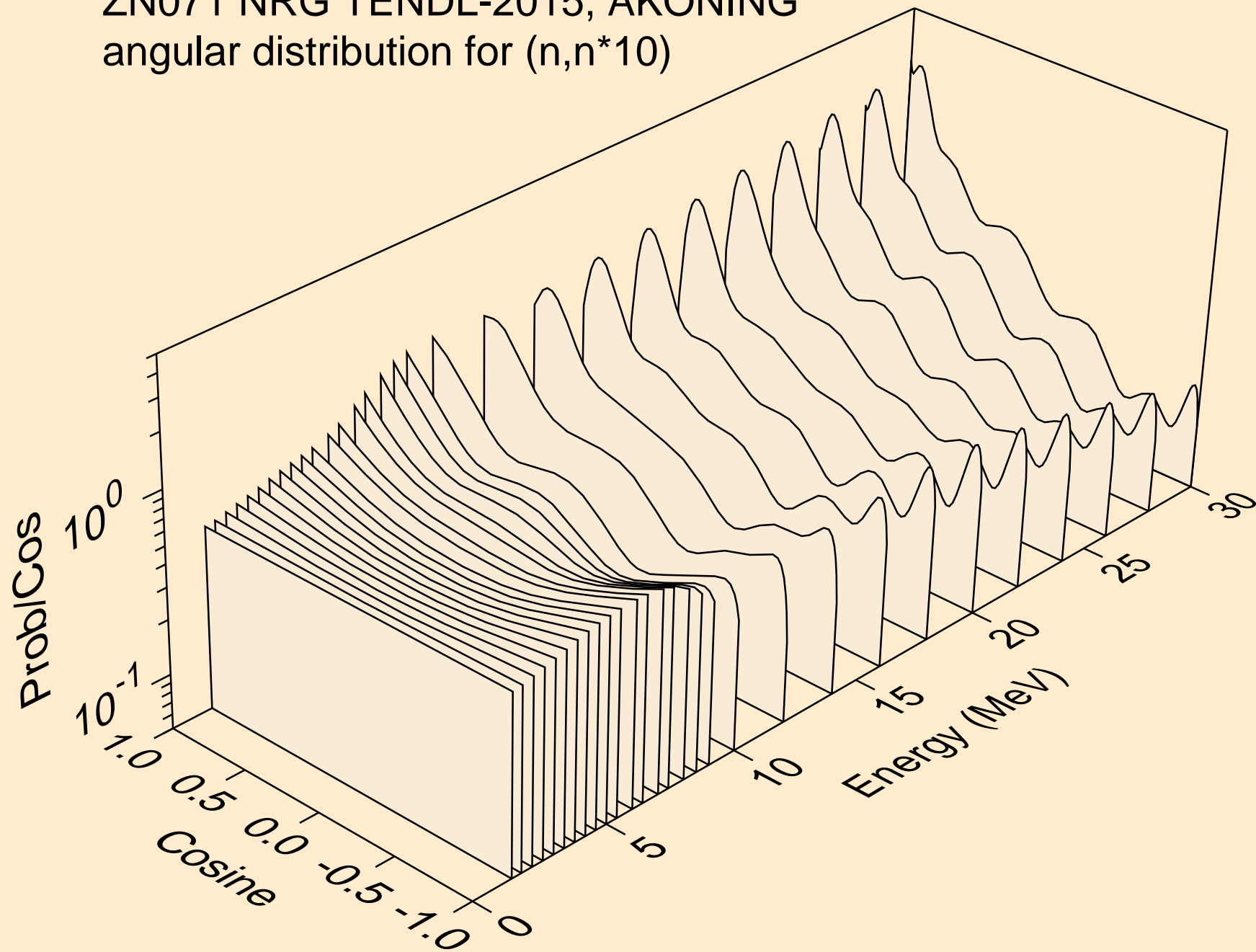


ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

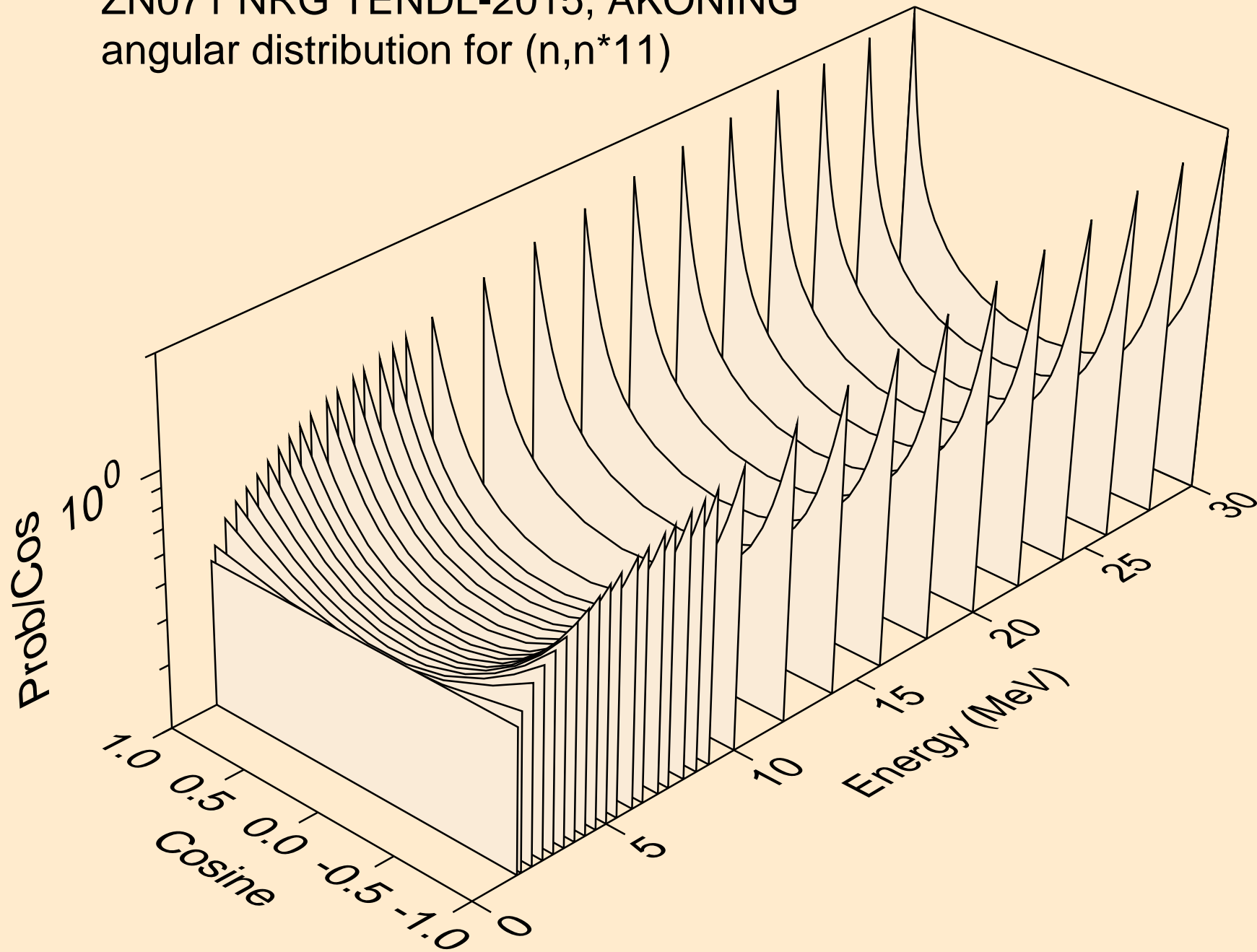




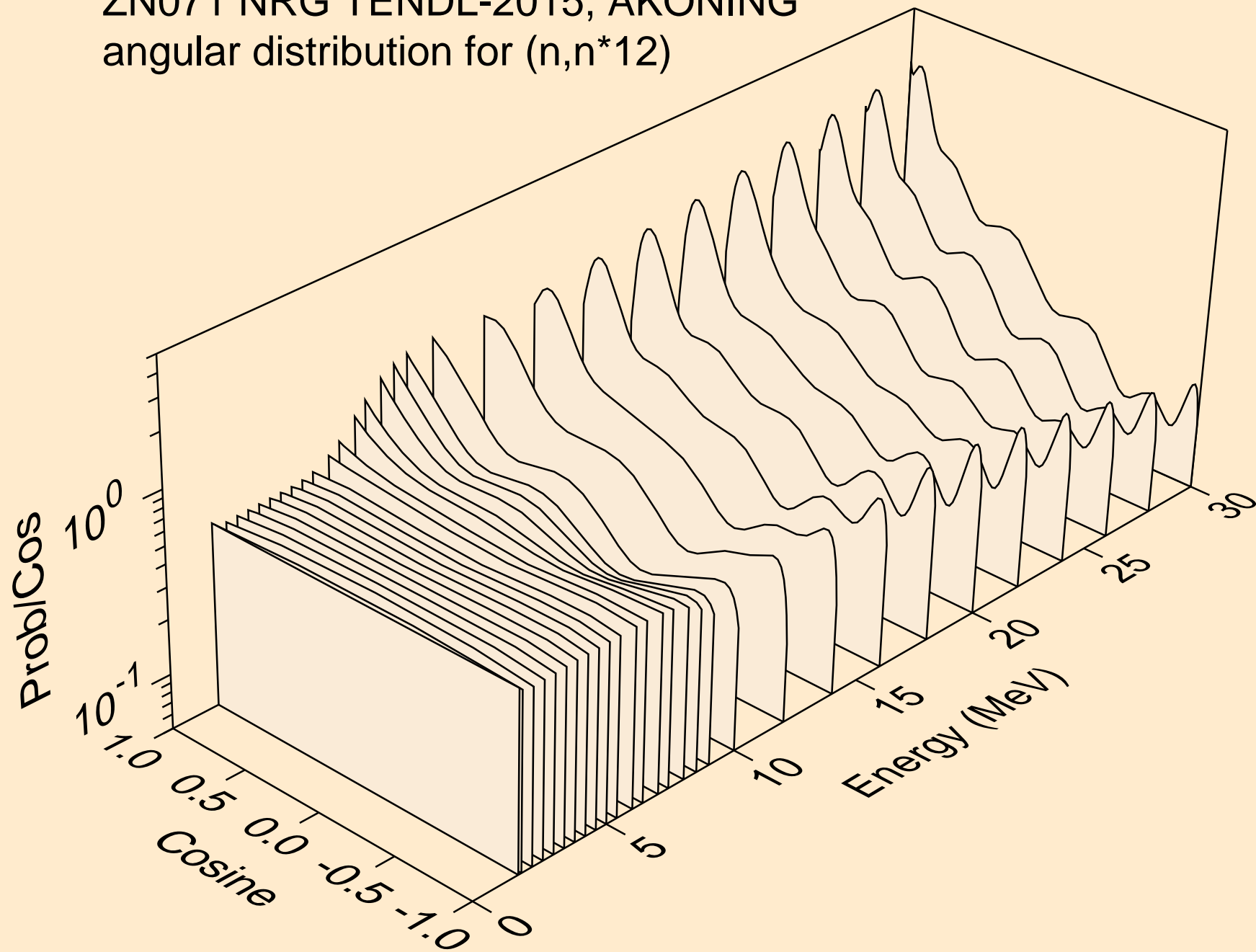
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angular distribution for (n,n\*10)



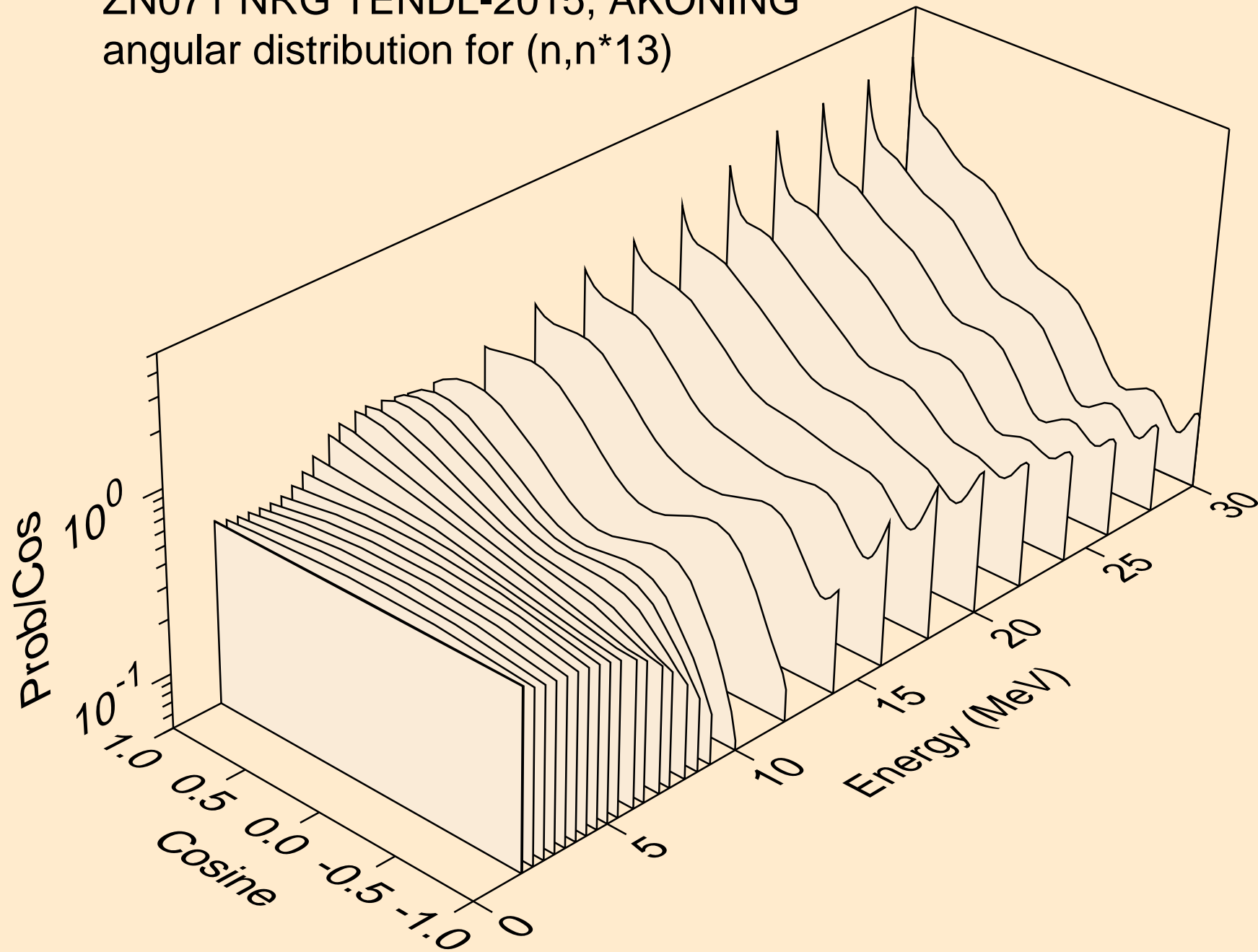
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angular distribution for (n,n\*11)



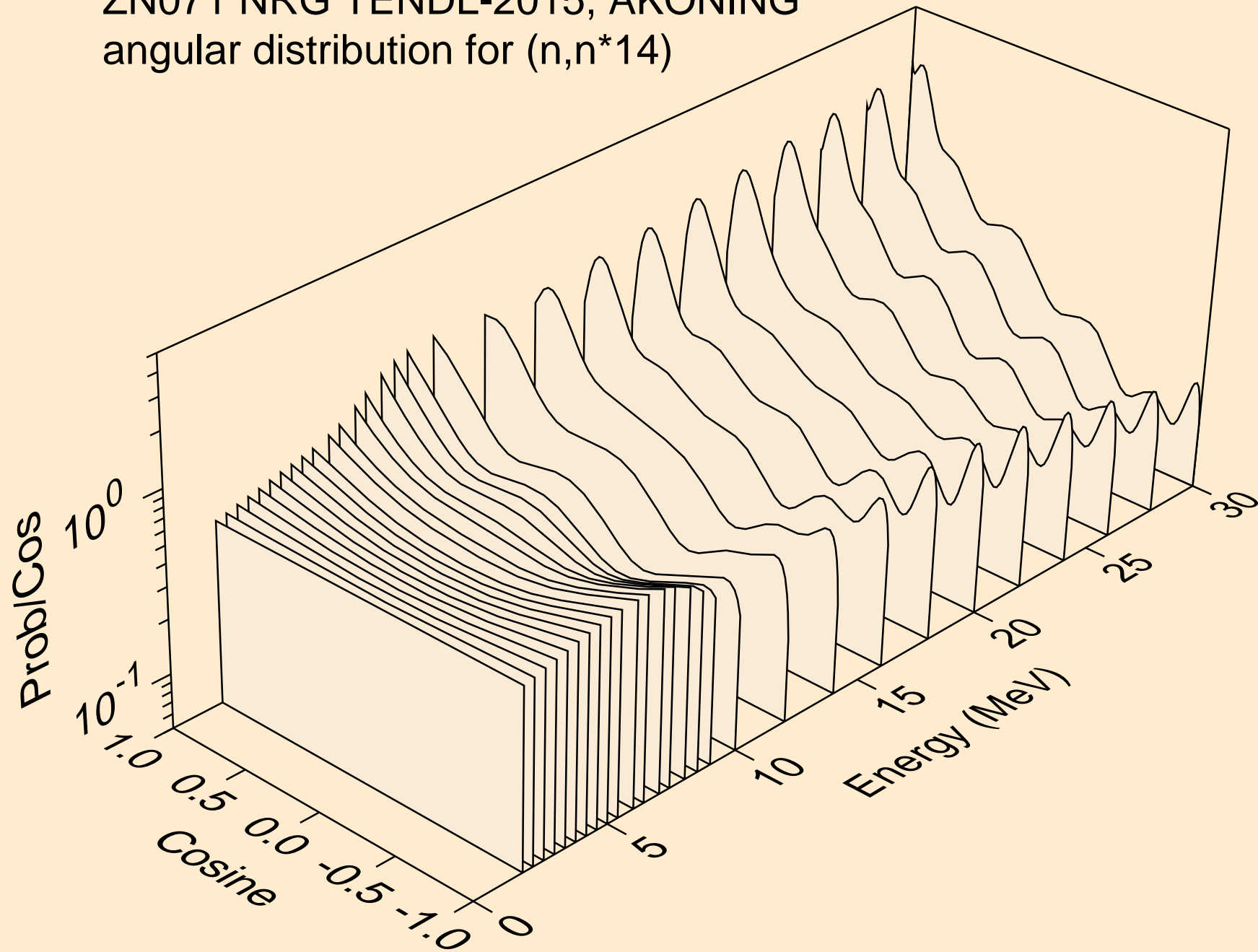
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



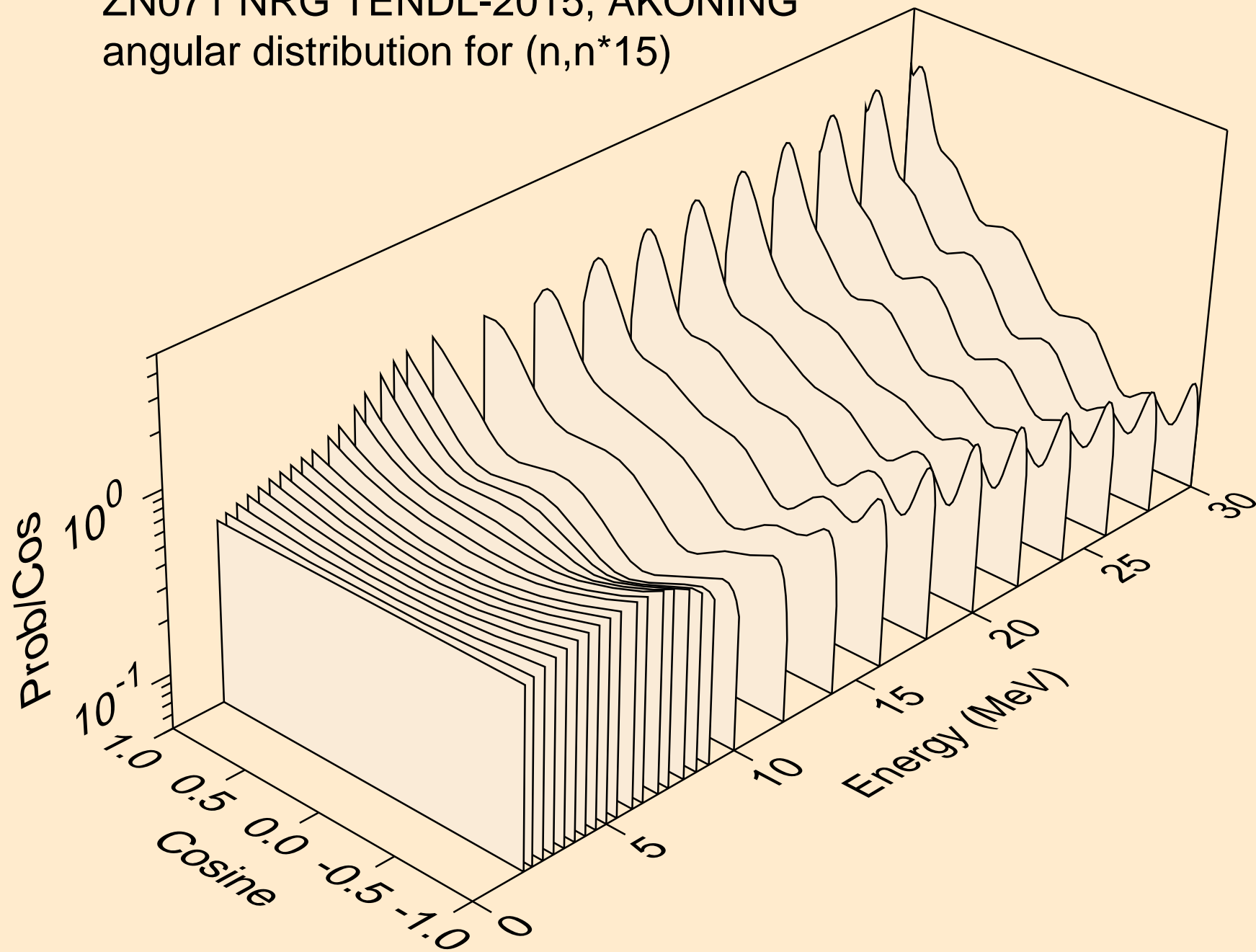
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angular distribution for (n,n\*13)



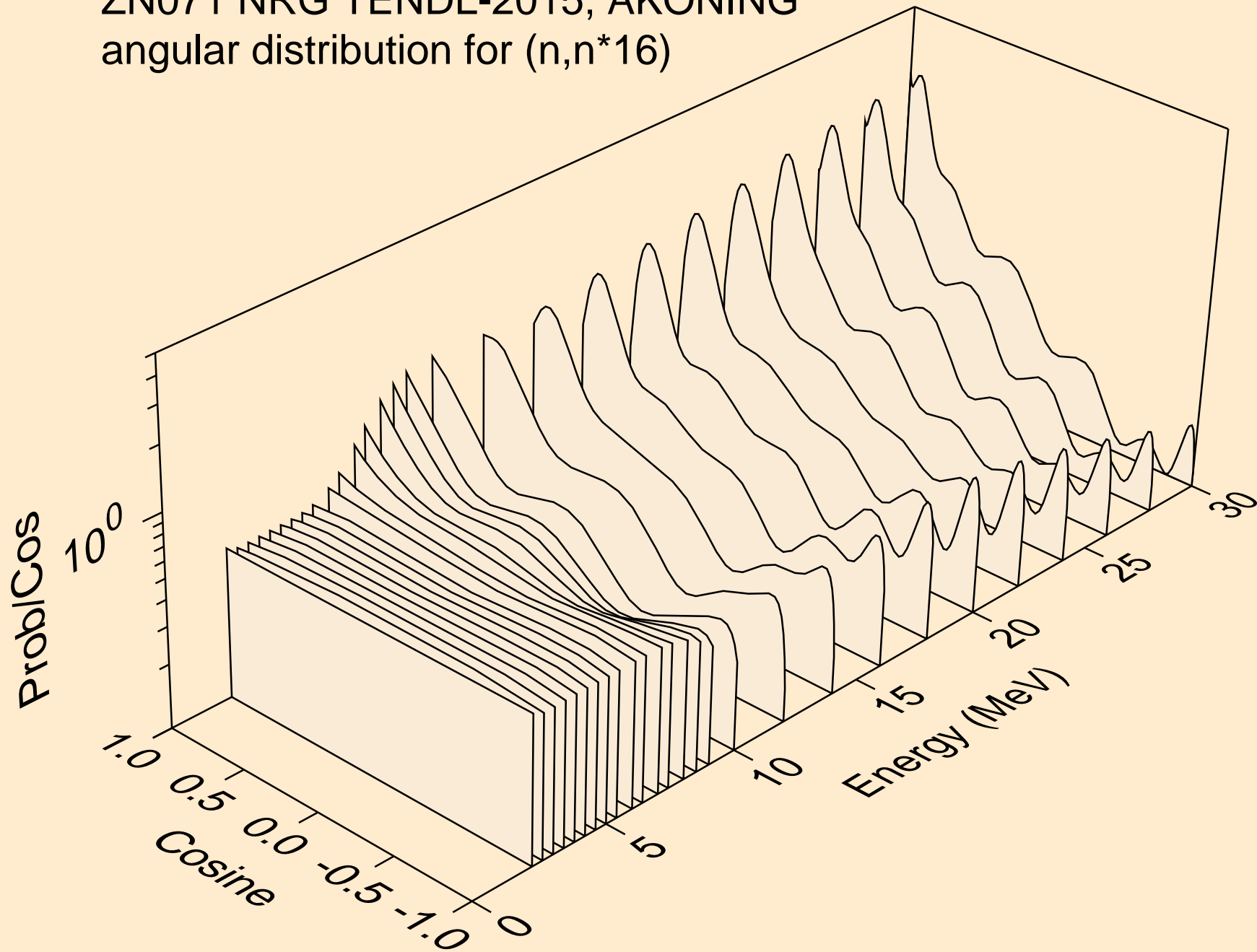
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angular distribution for (n,n\*14)



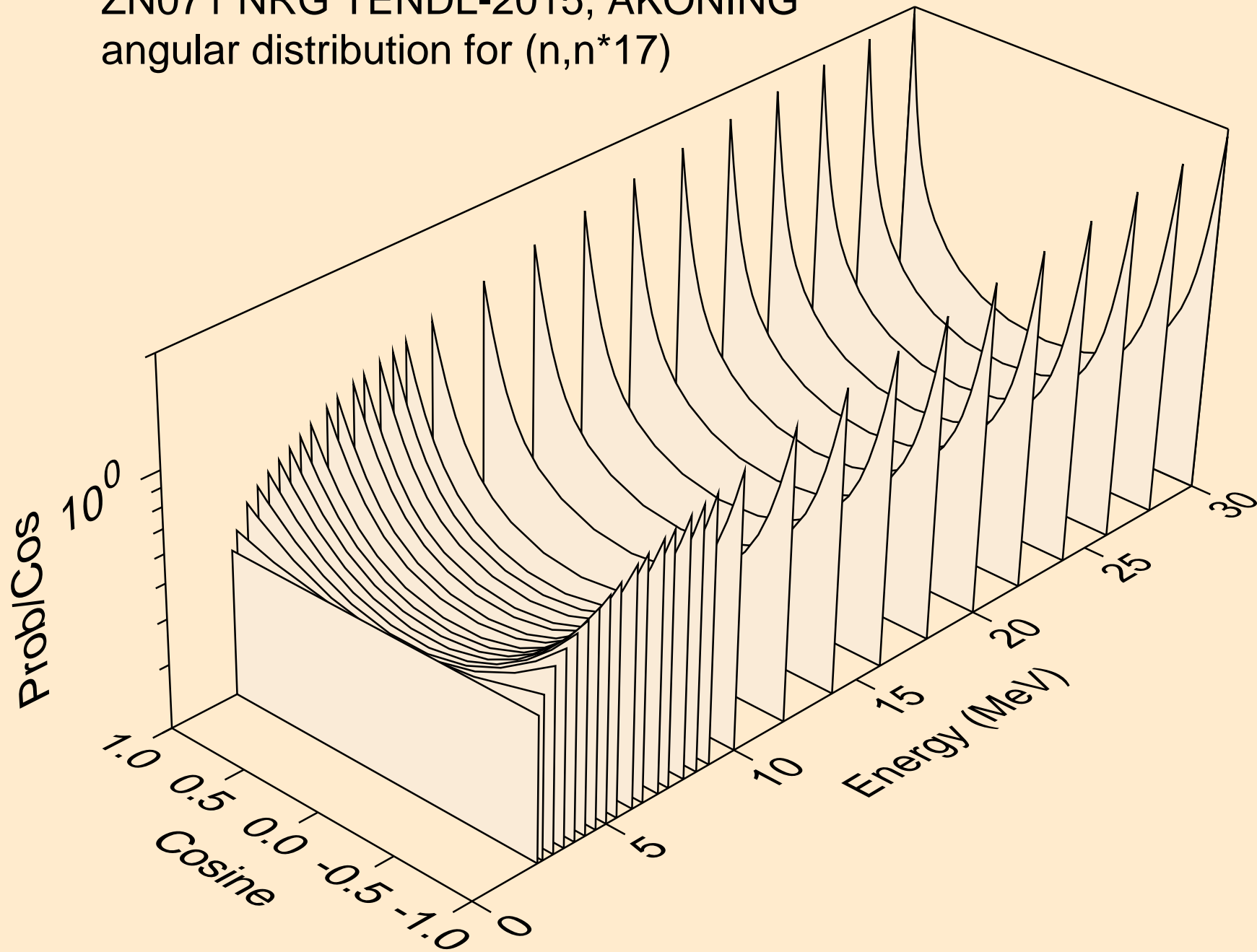
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

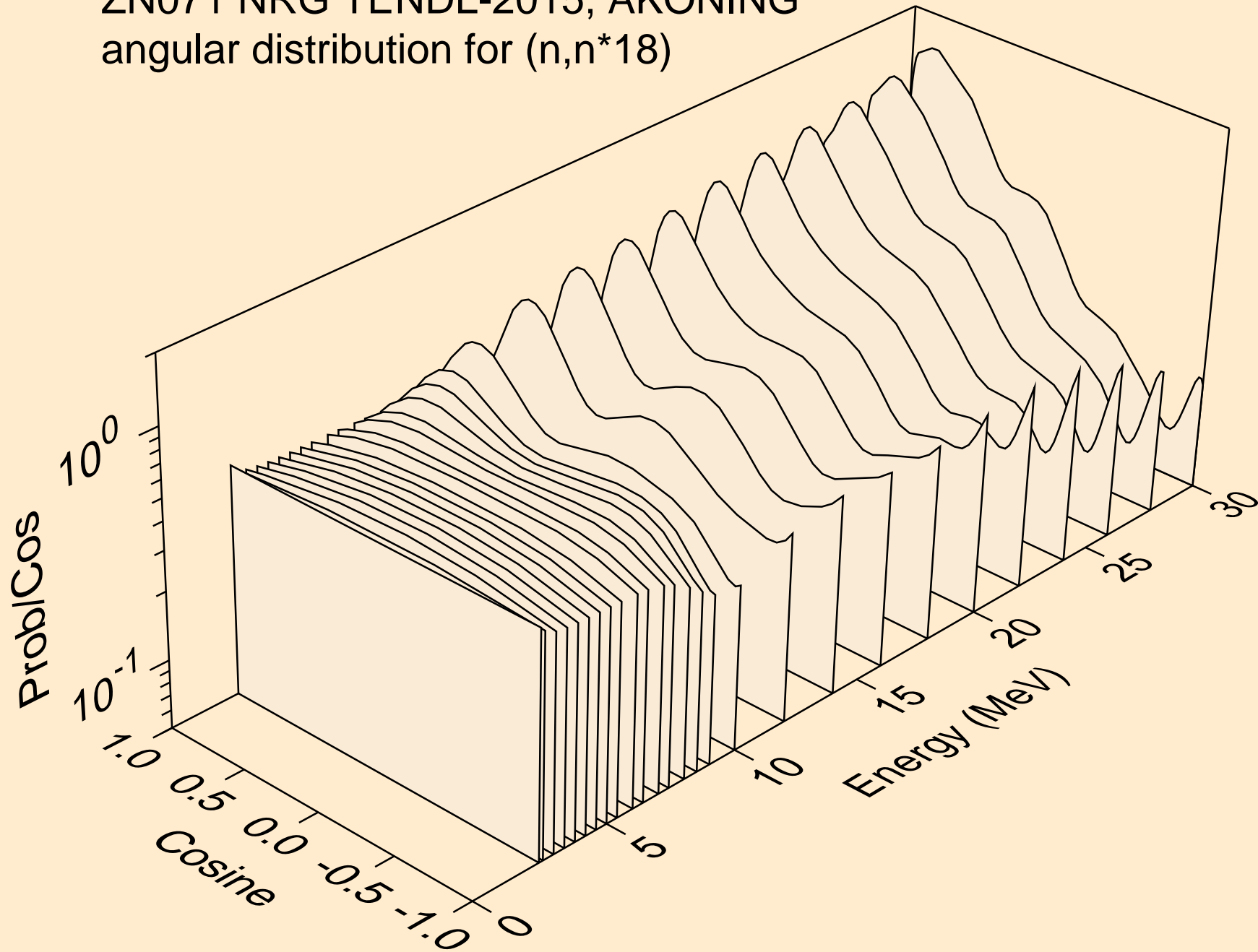


ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

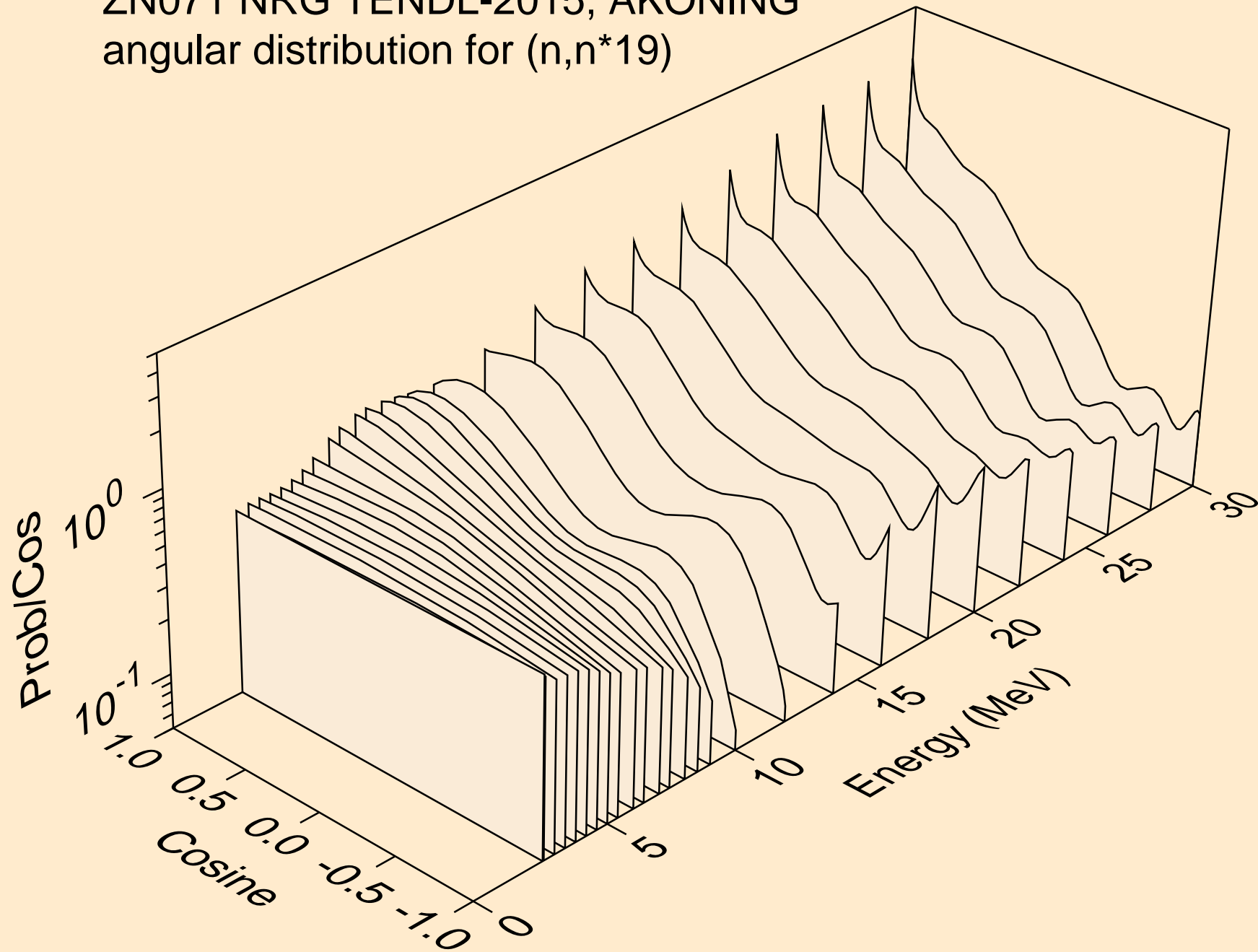




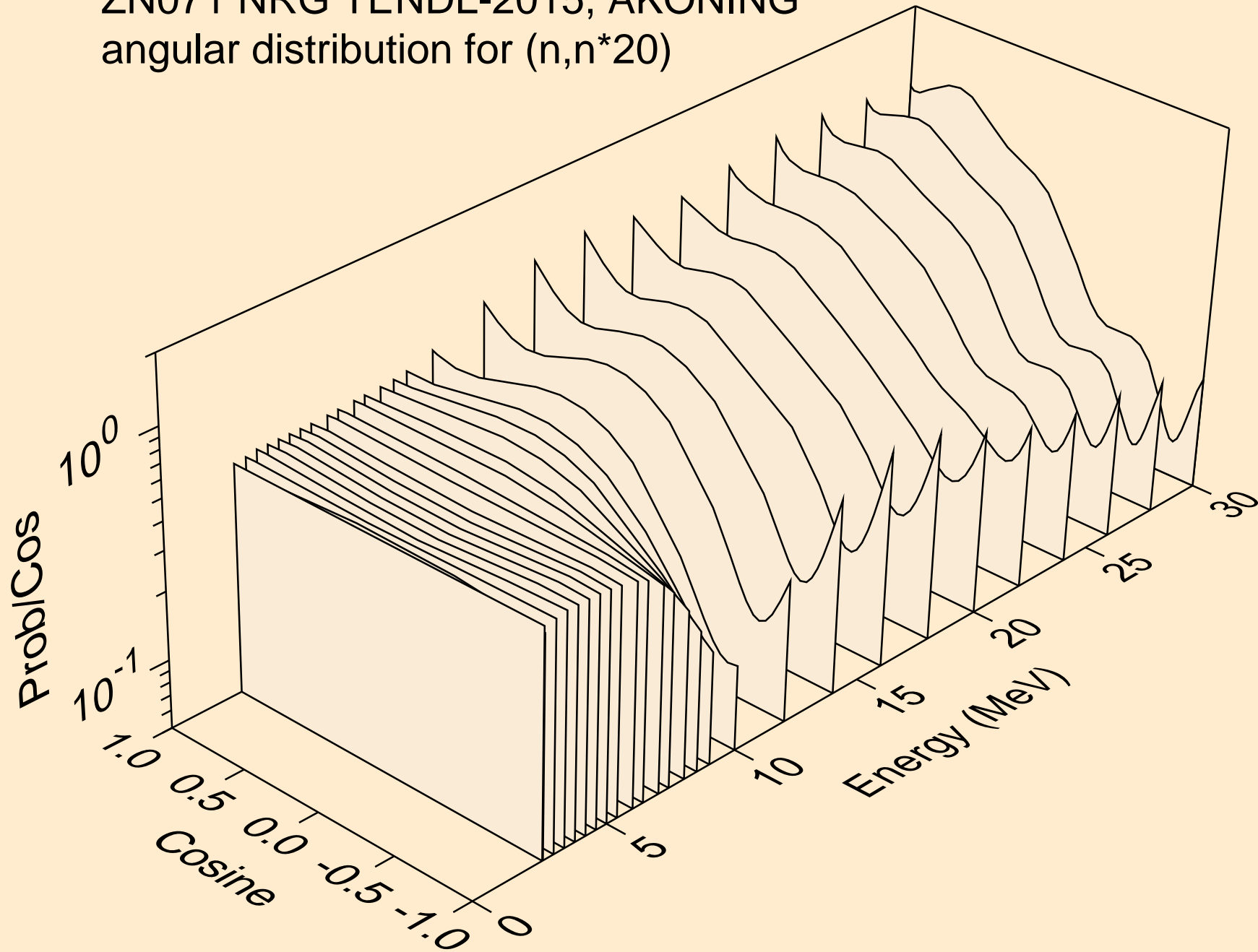
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angular distribution for (n,n\*18)



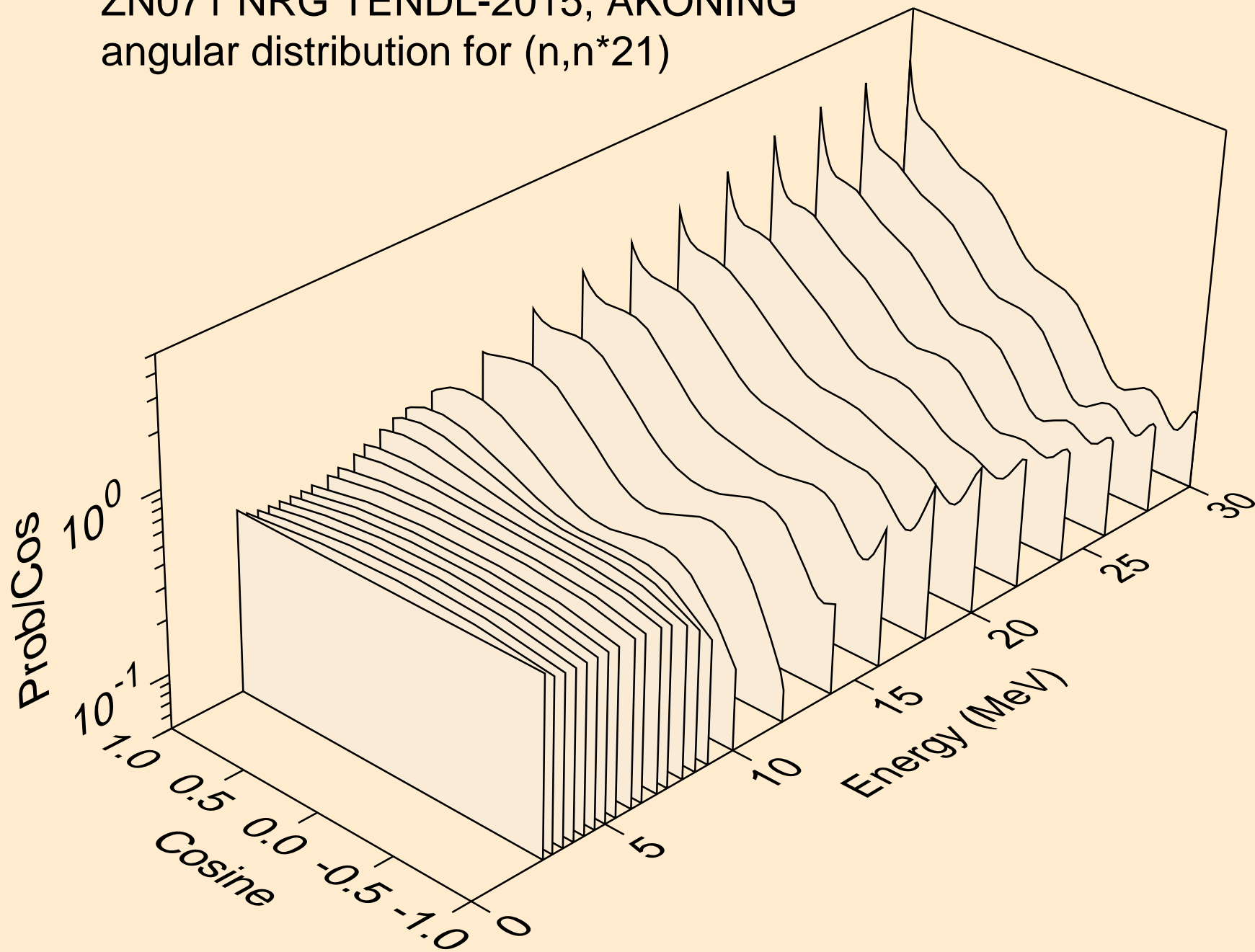
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angular distribution for (n,n\*19)



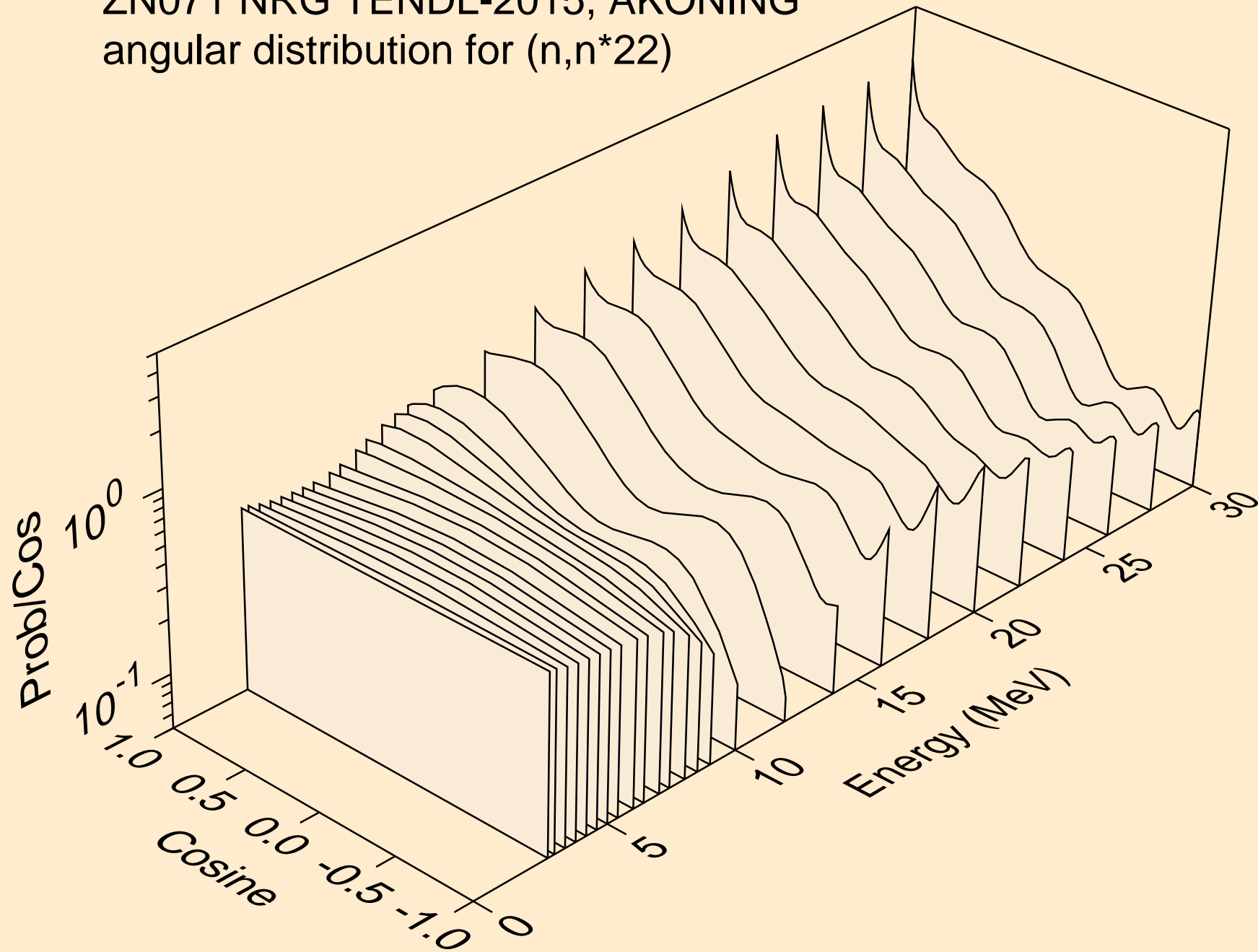
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angular distribution for (n,n\*20)



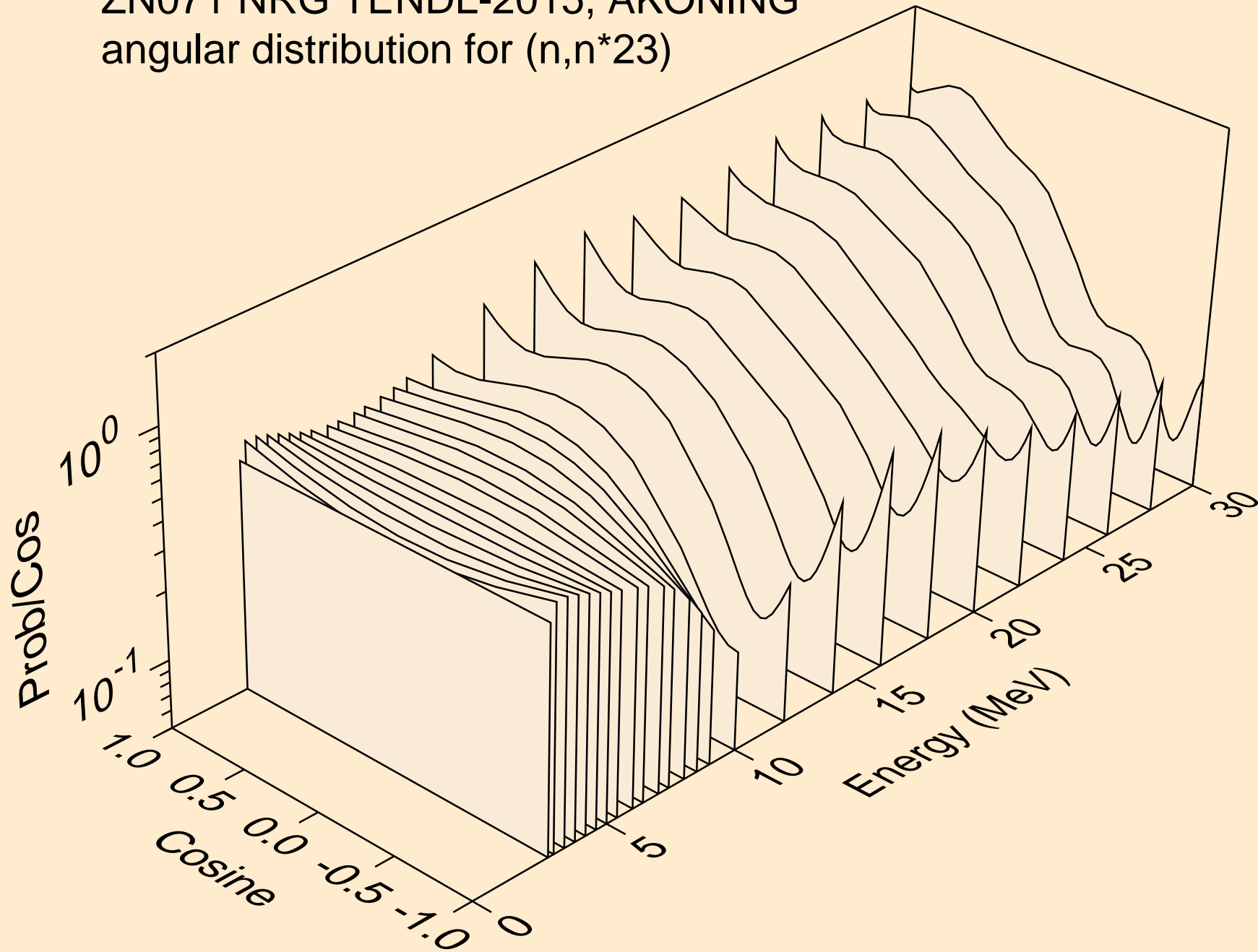
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



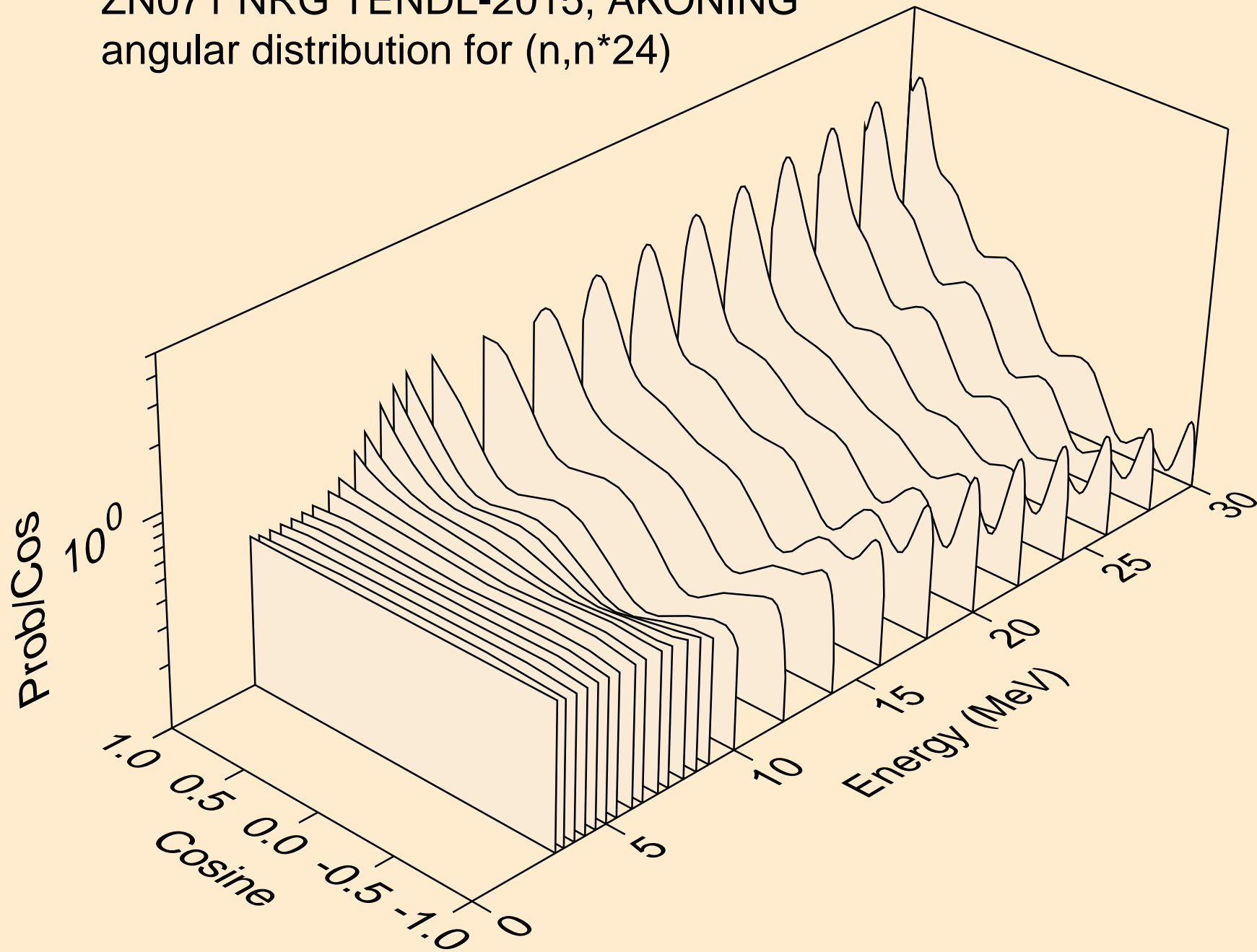
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angular distribution for (n,n\*22)



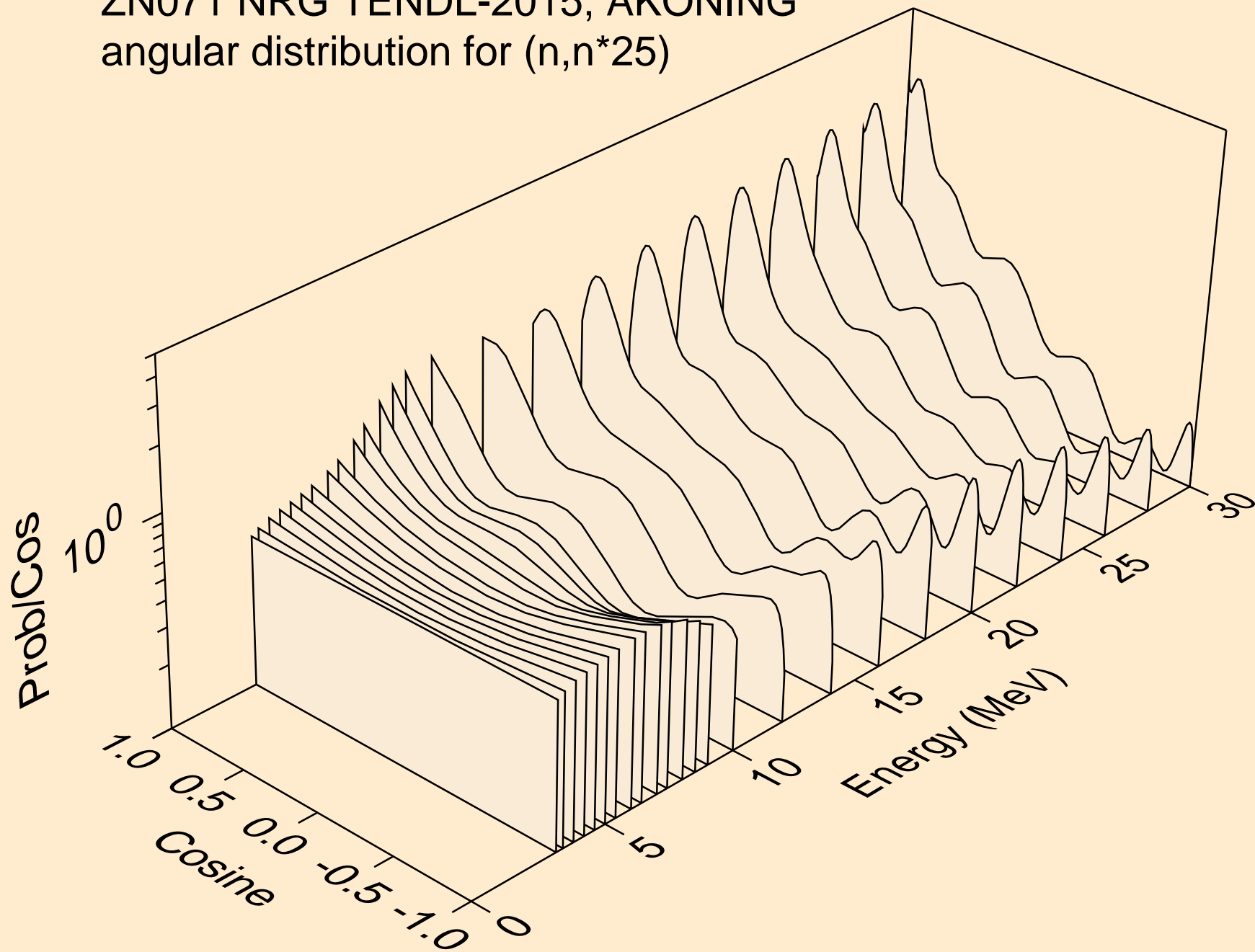
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

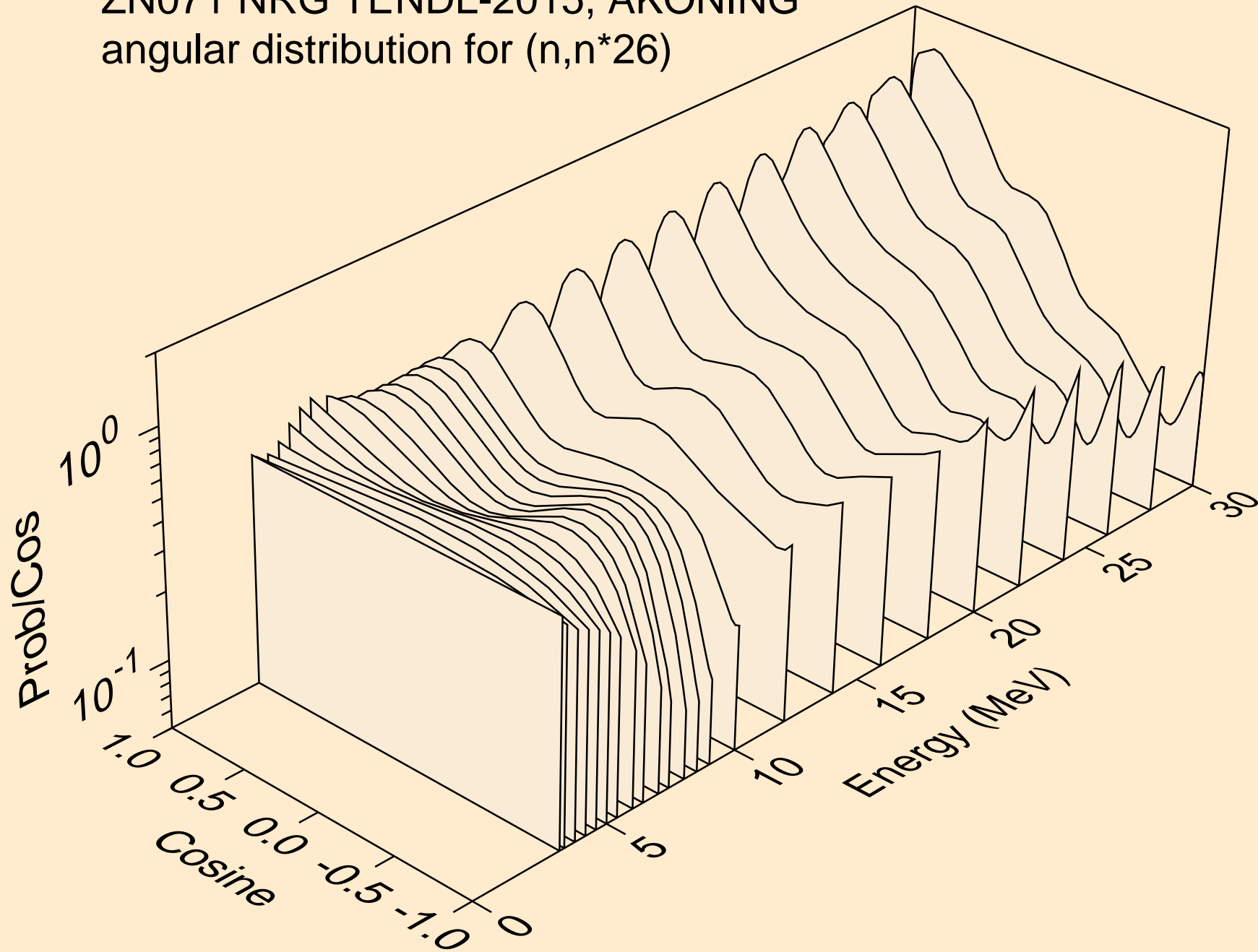


ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

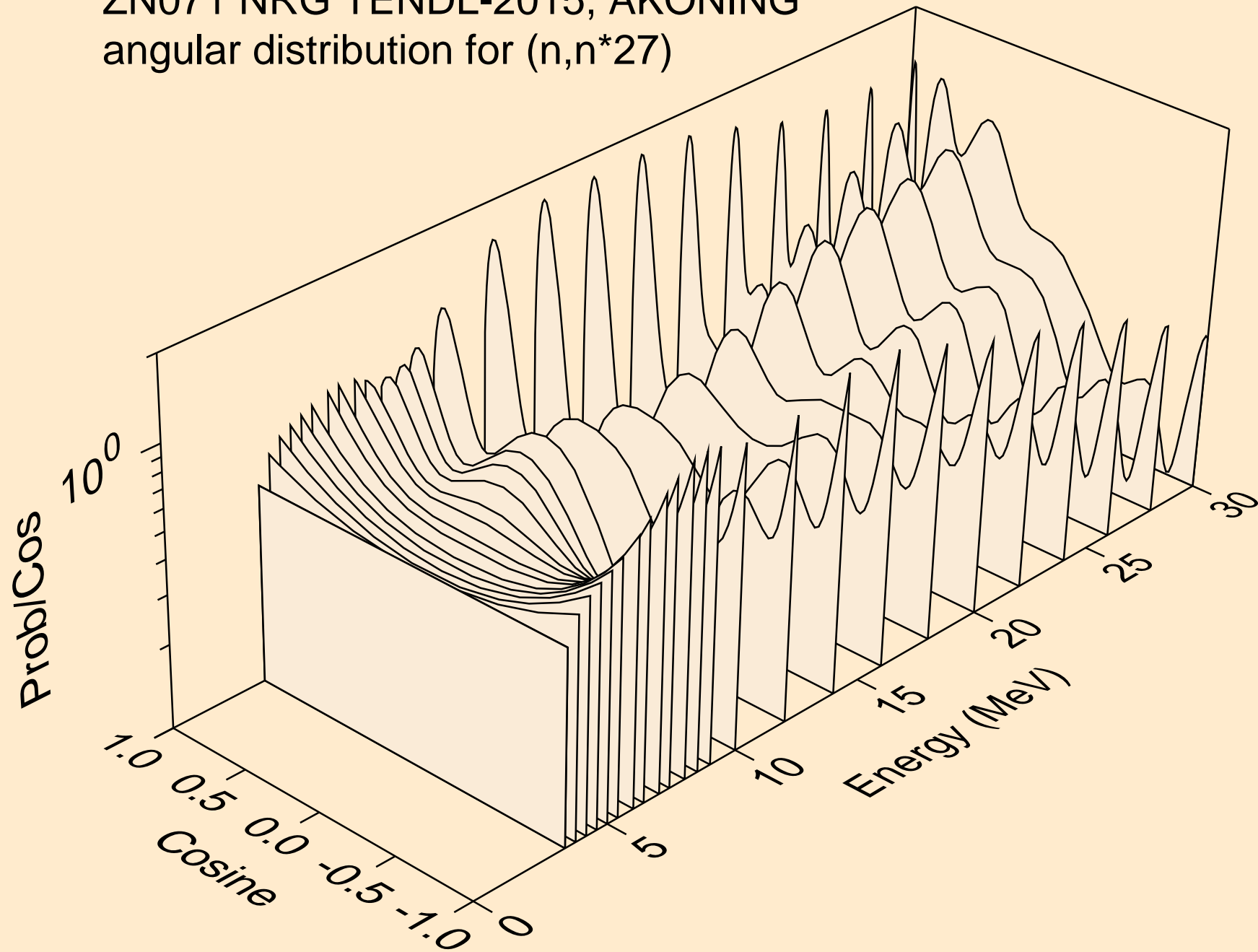




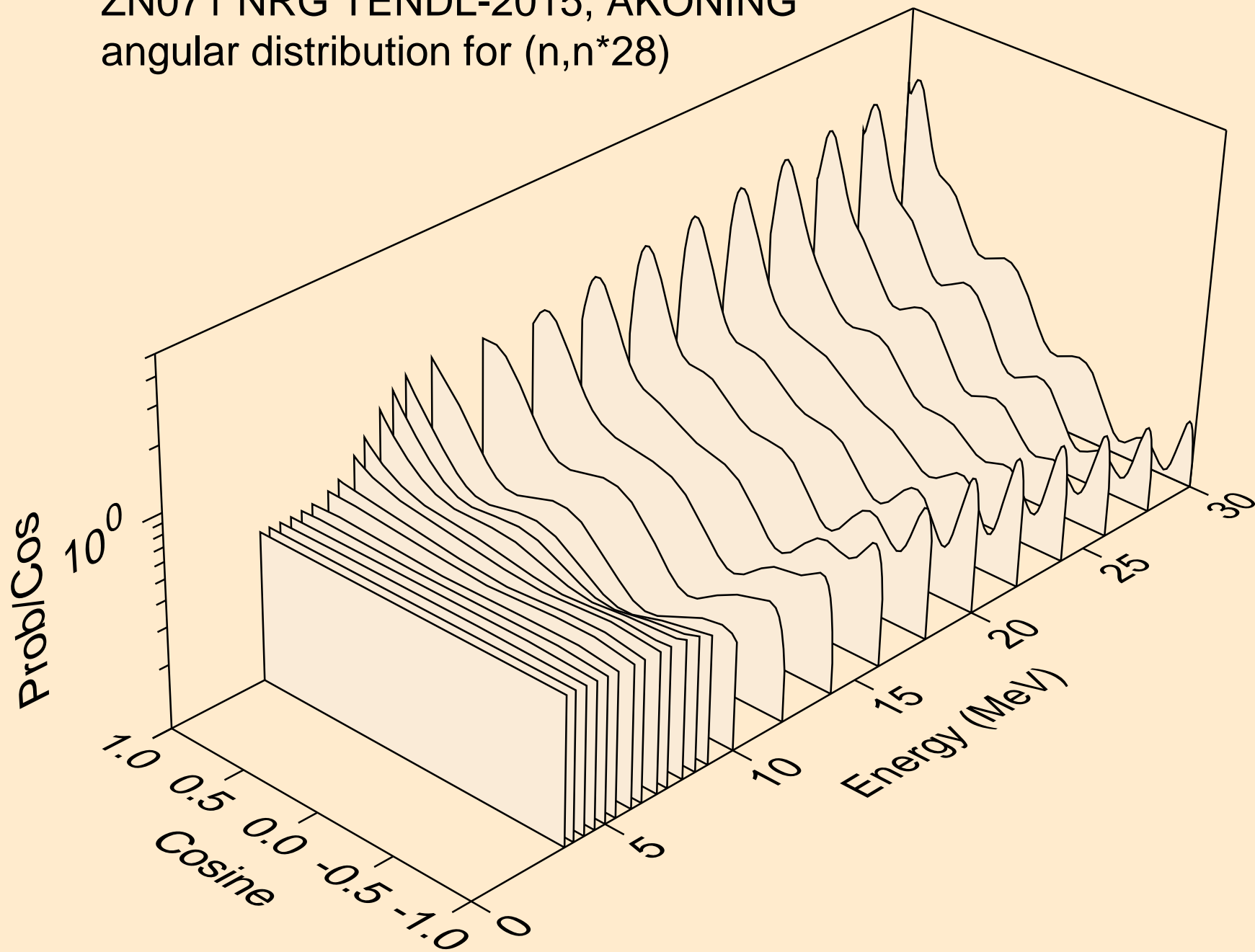
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angular distribution for (n,n\*26)



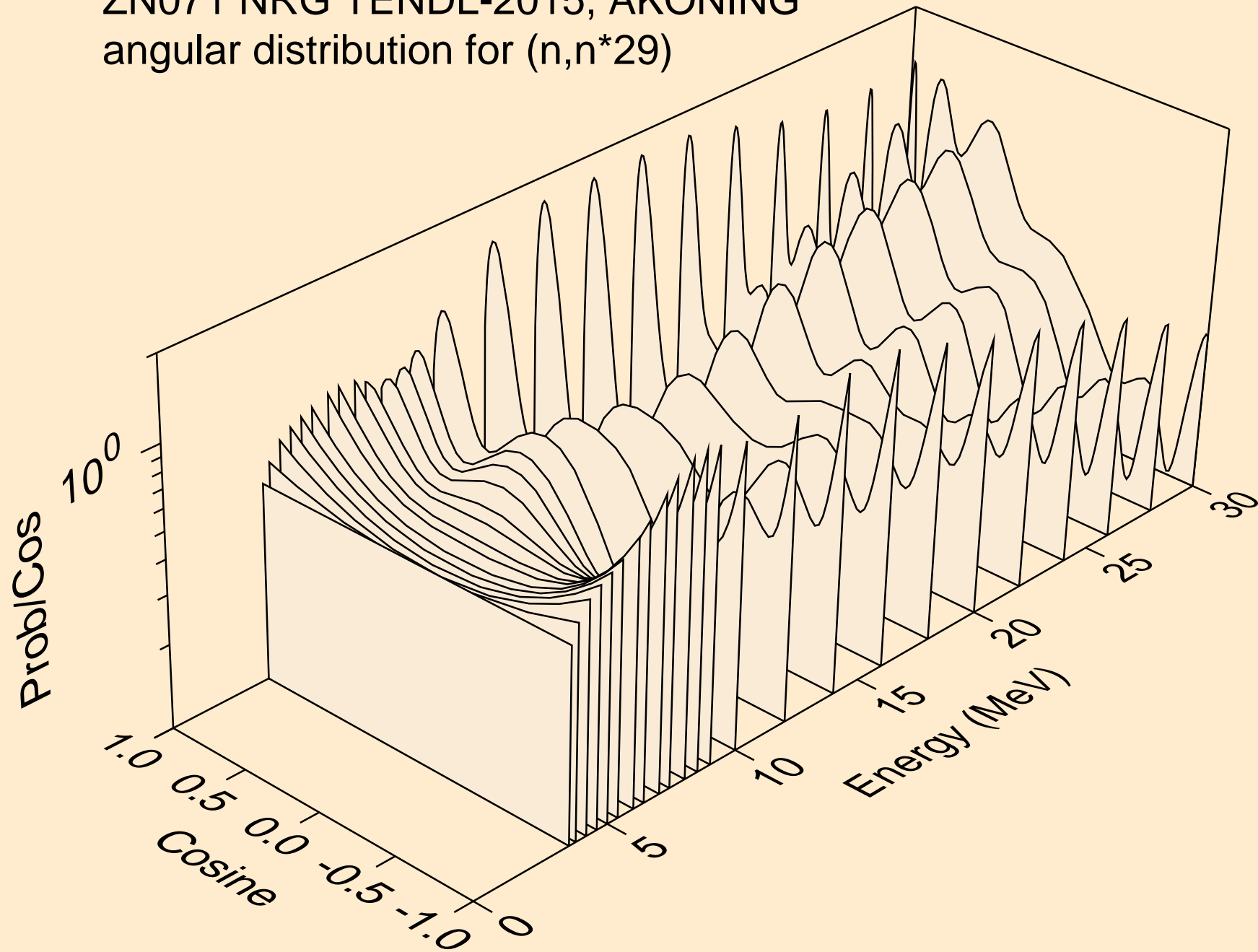
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angular distribution for (n,n\*27)



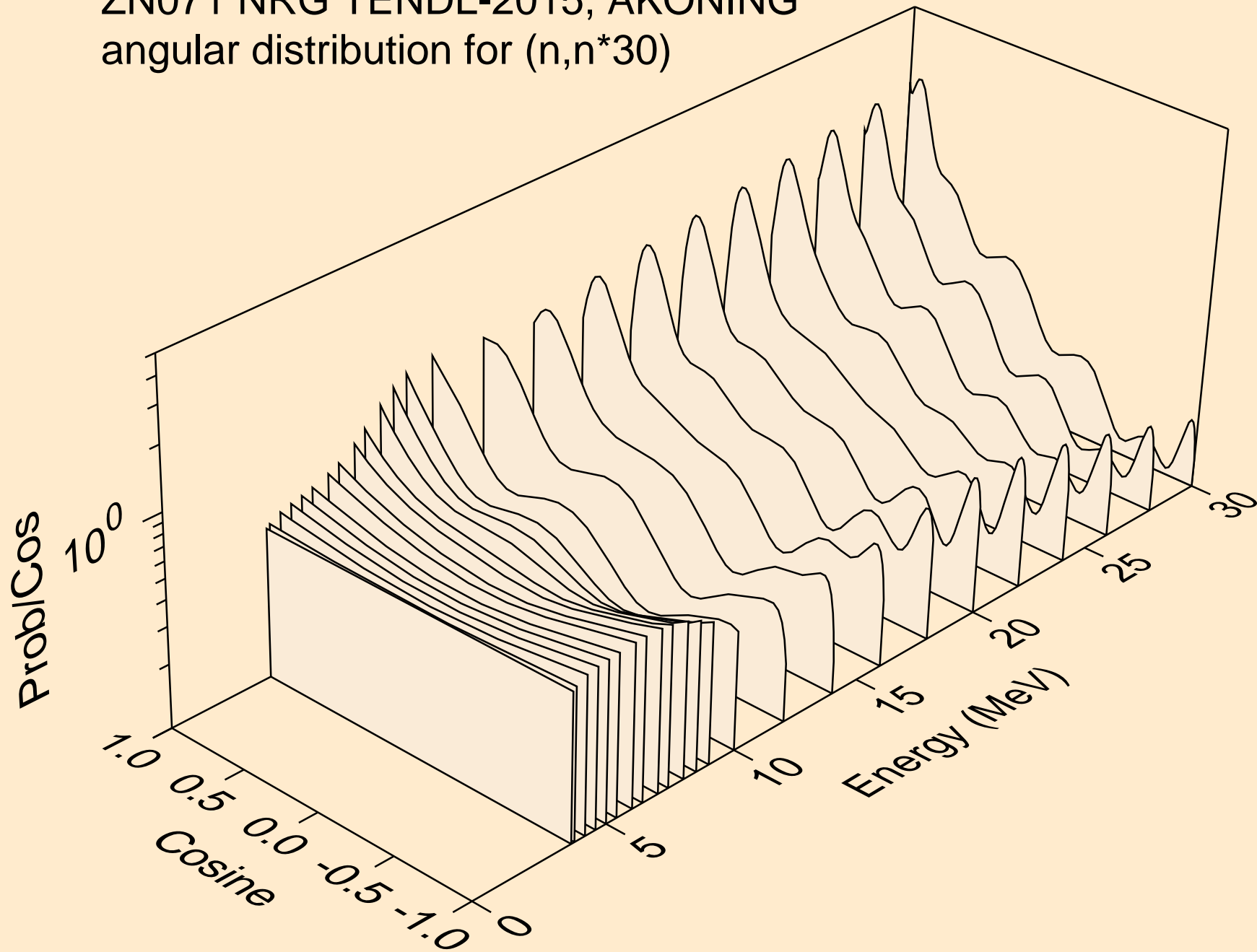
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



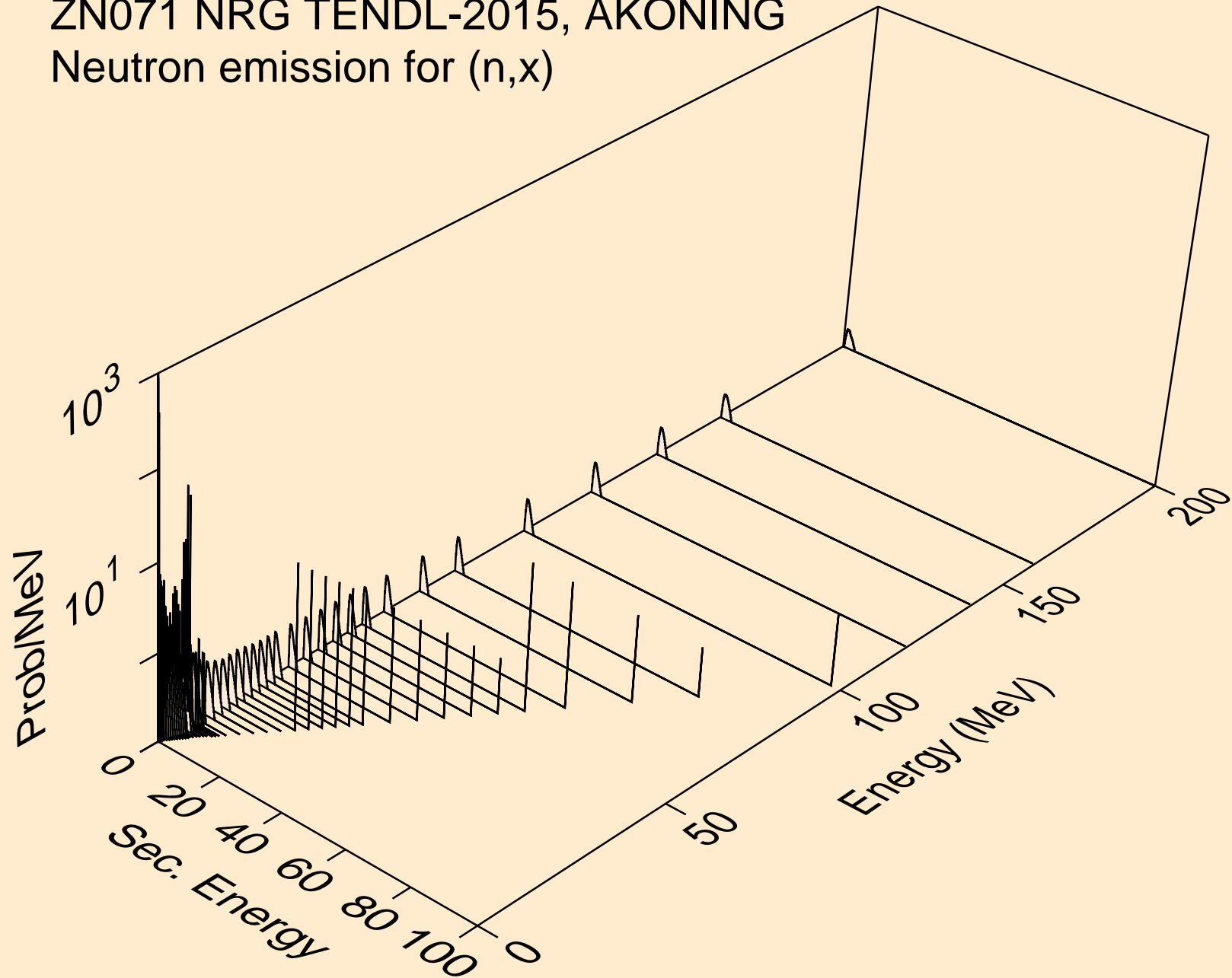
ZN071 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



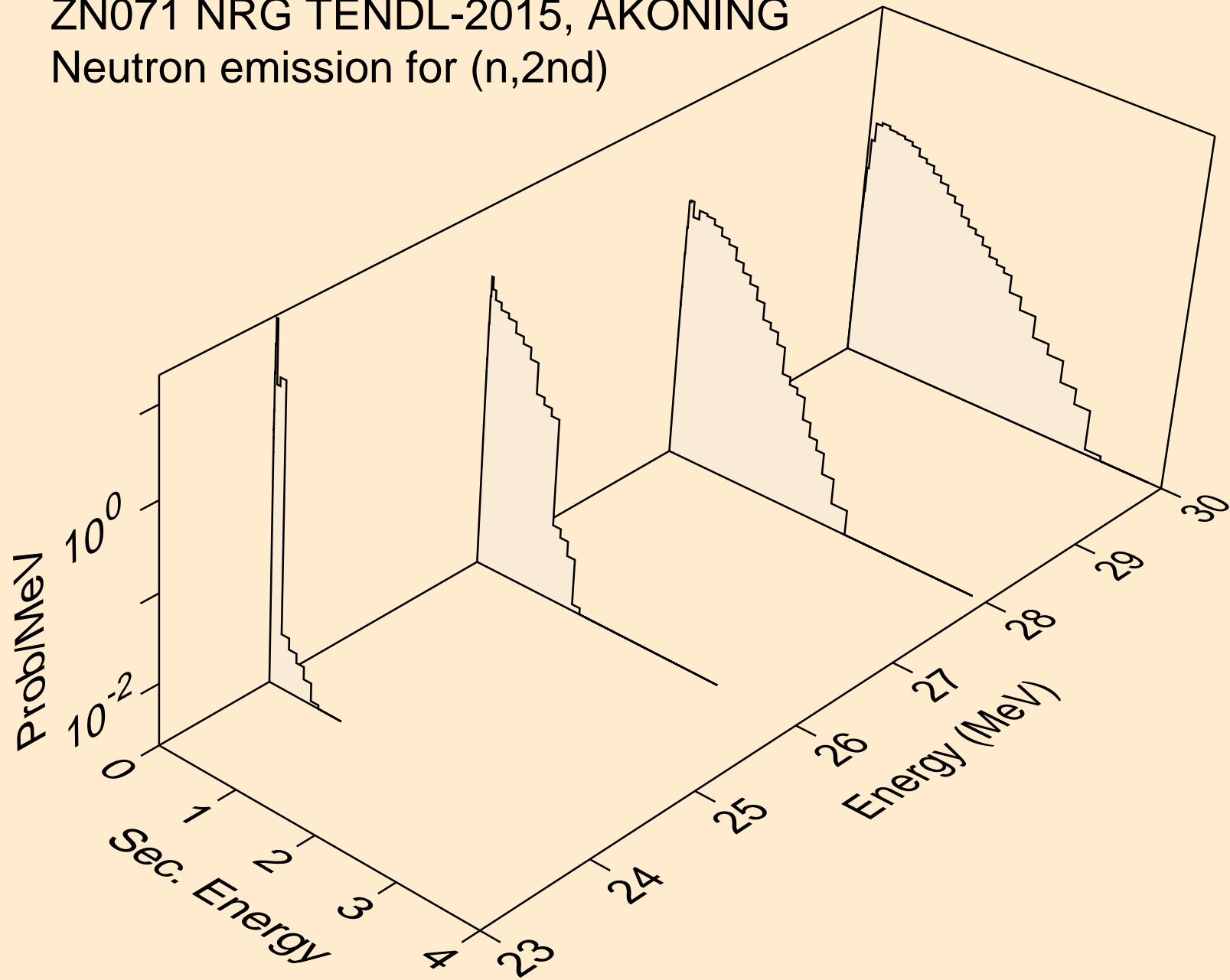
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angular distribution for (n,n\*30)



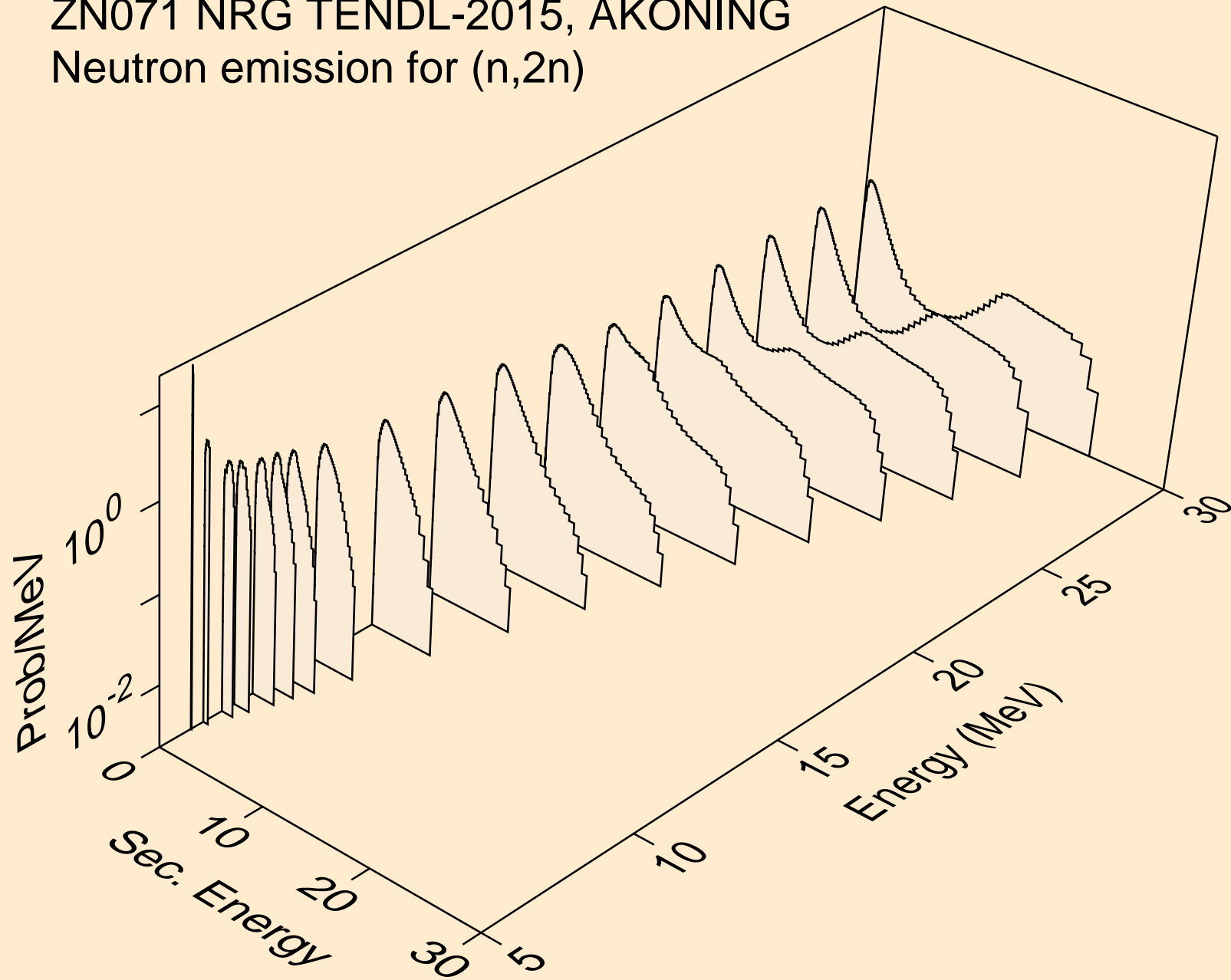
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

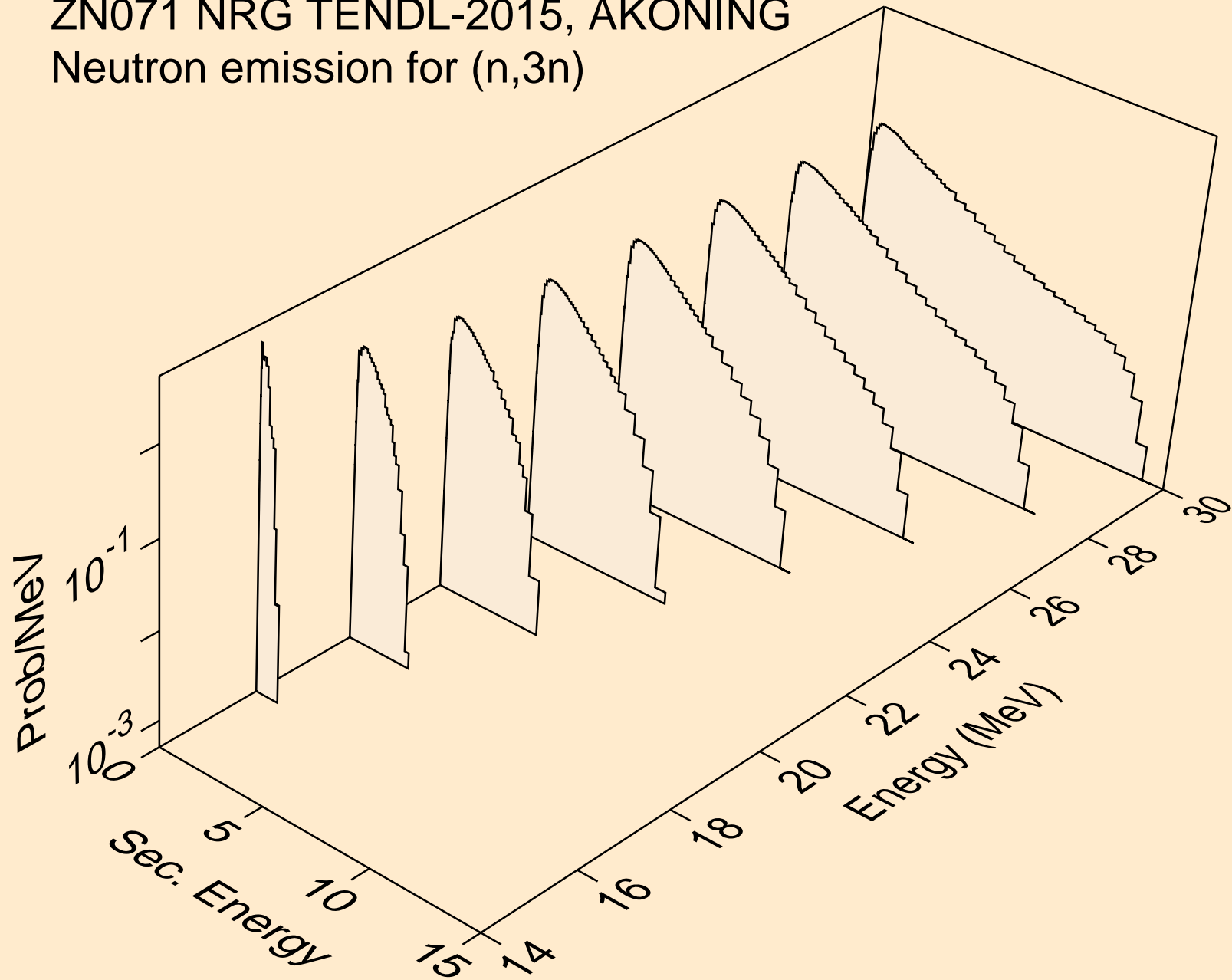


ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

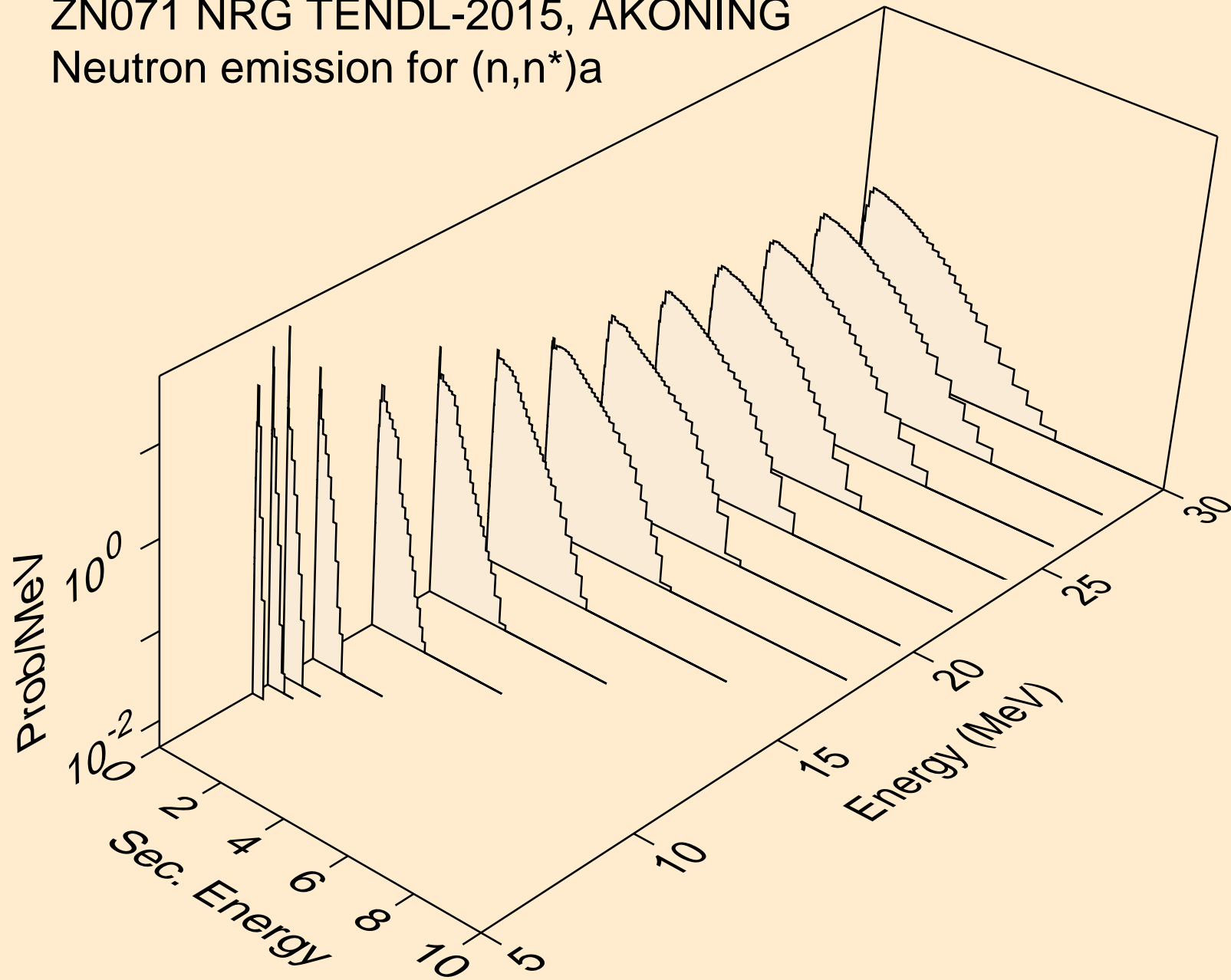




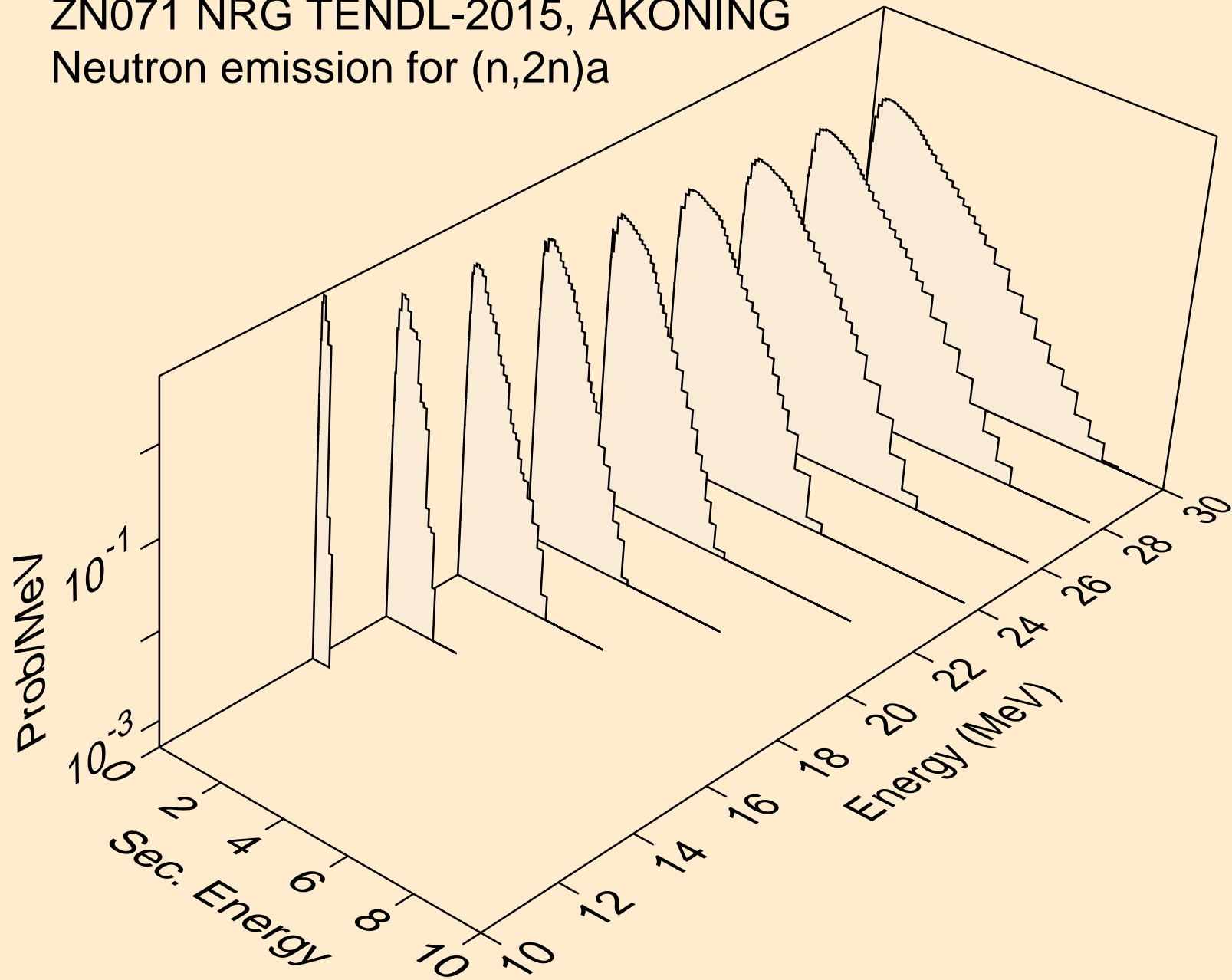
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



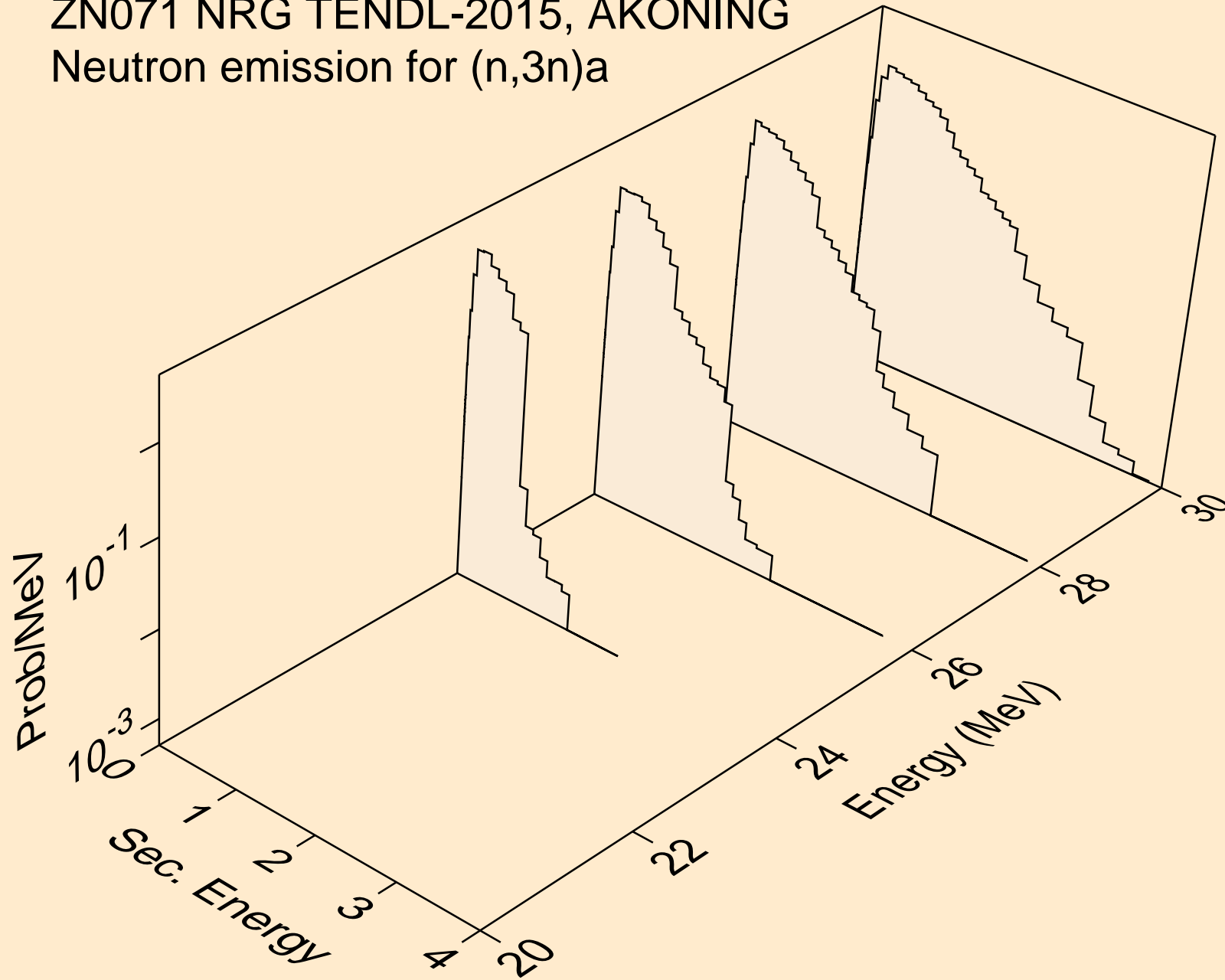
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



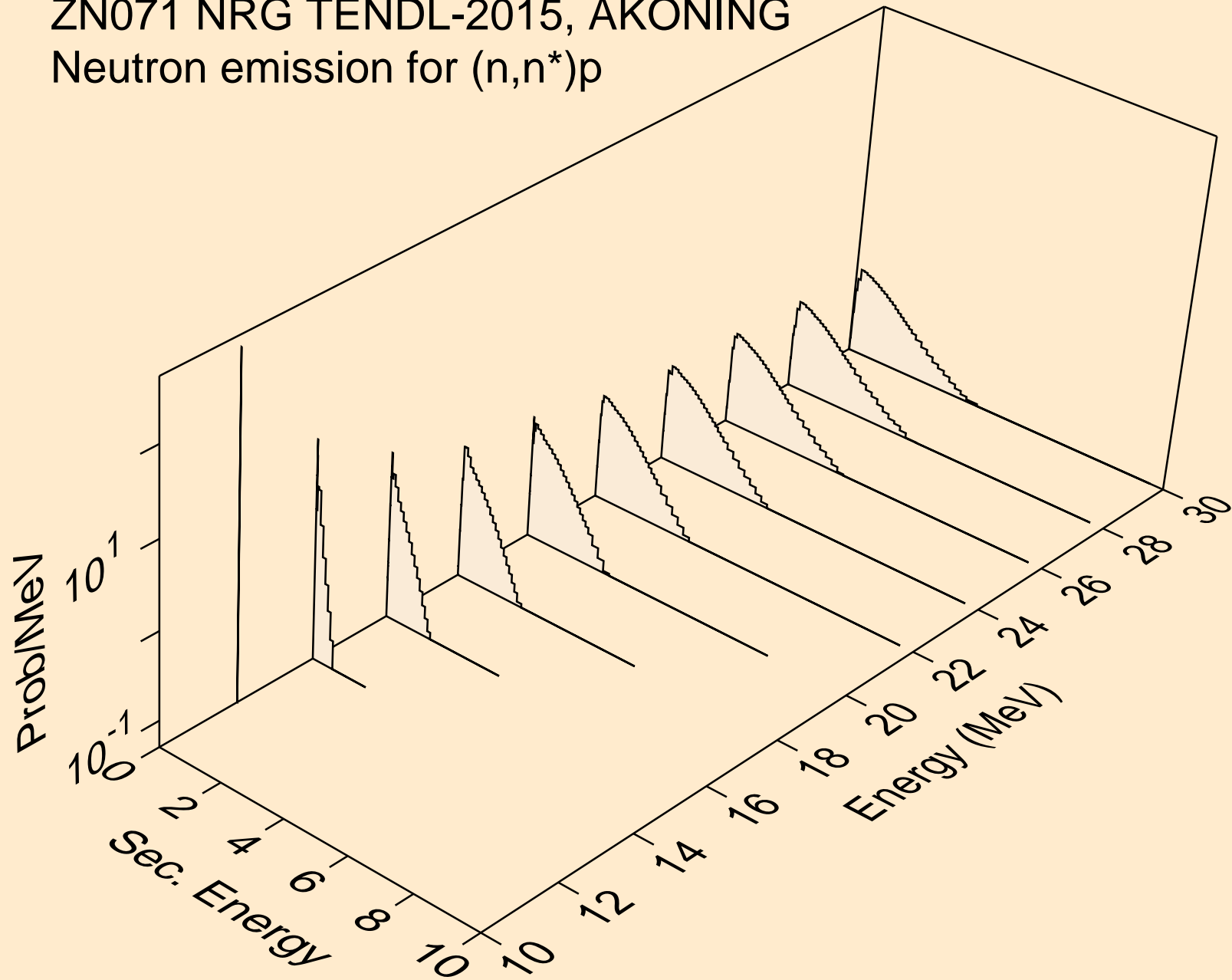
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



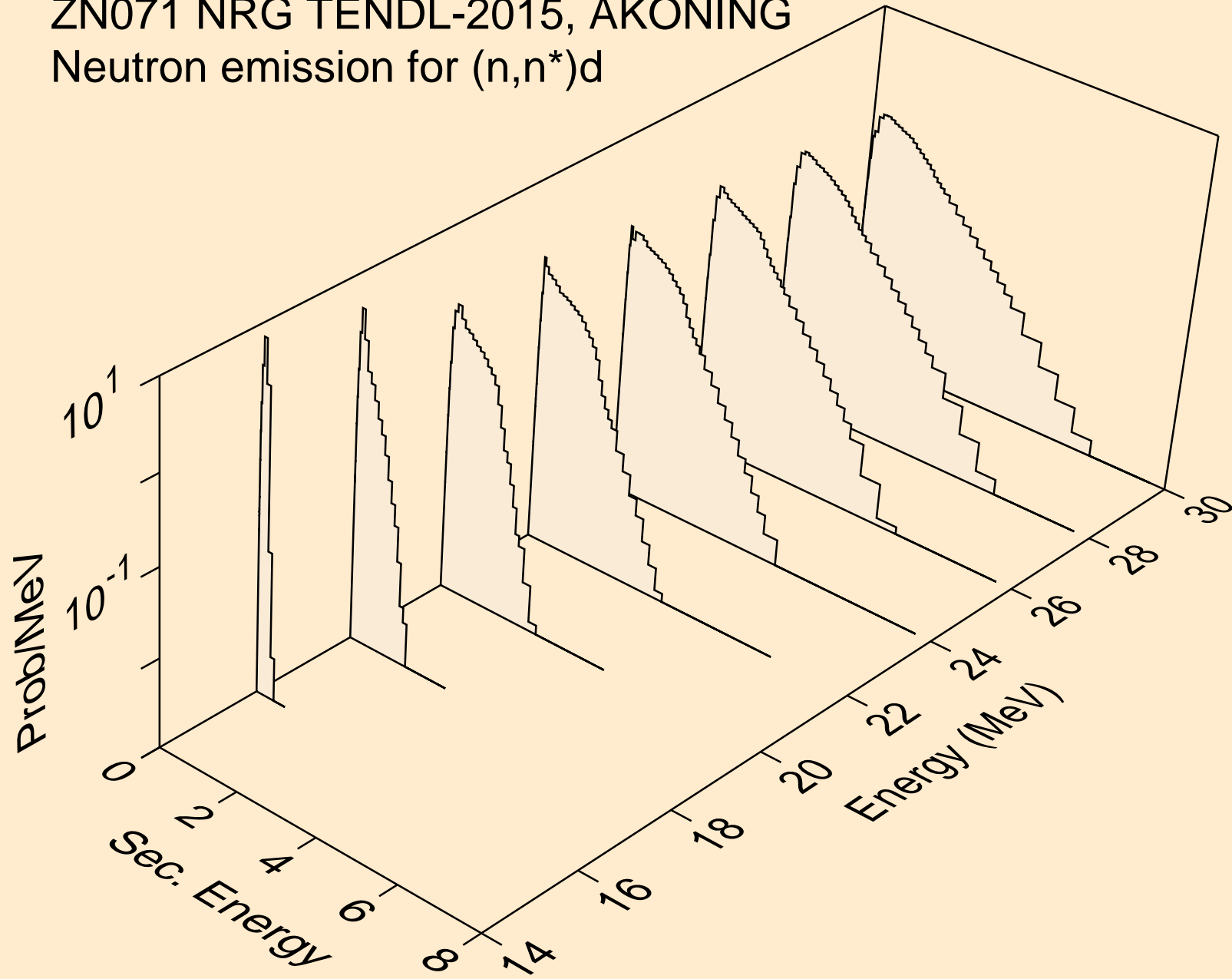
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



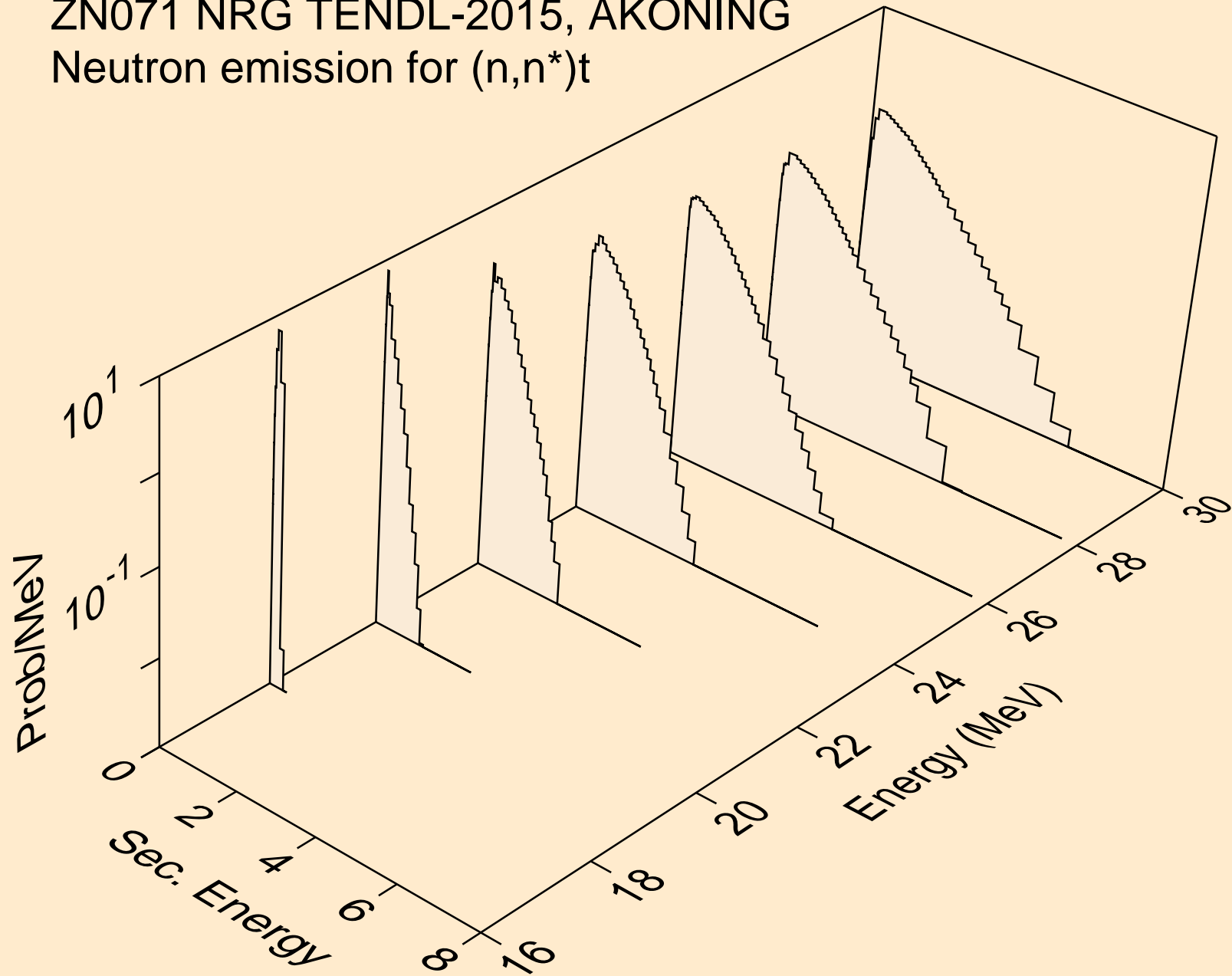
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



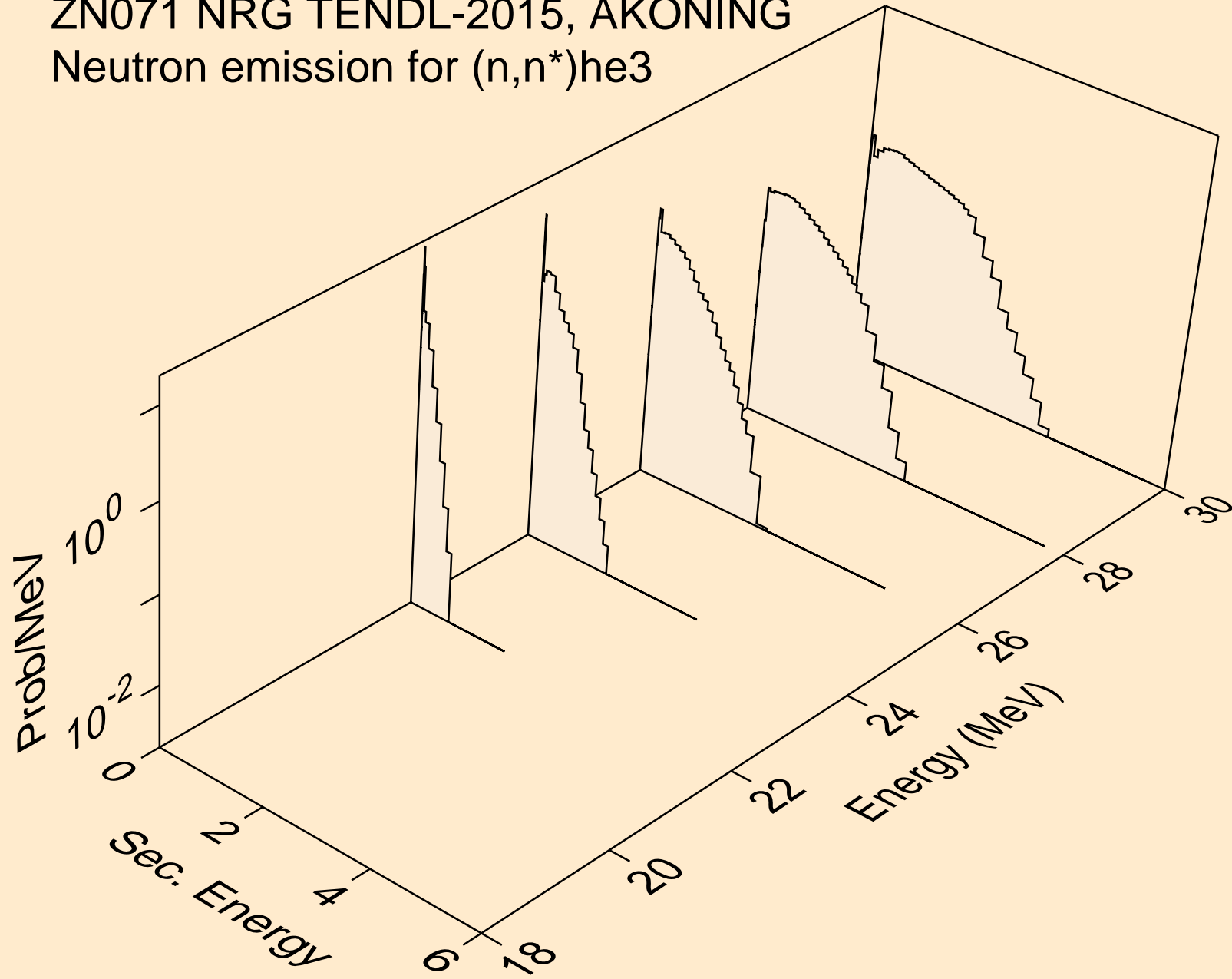
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

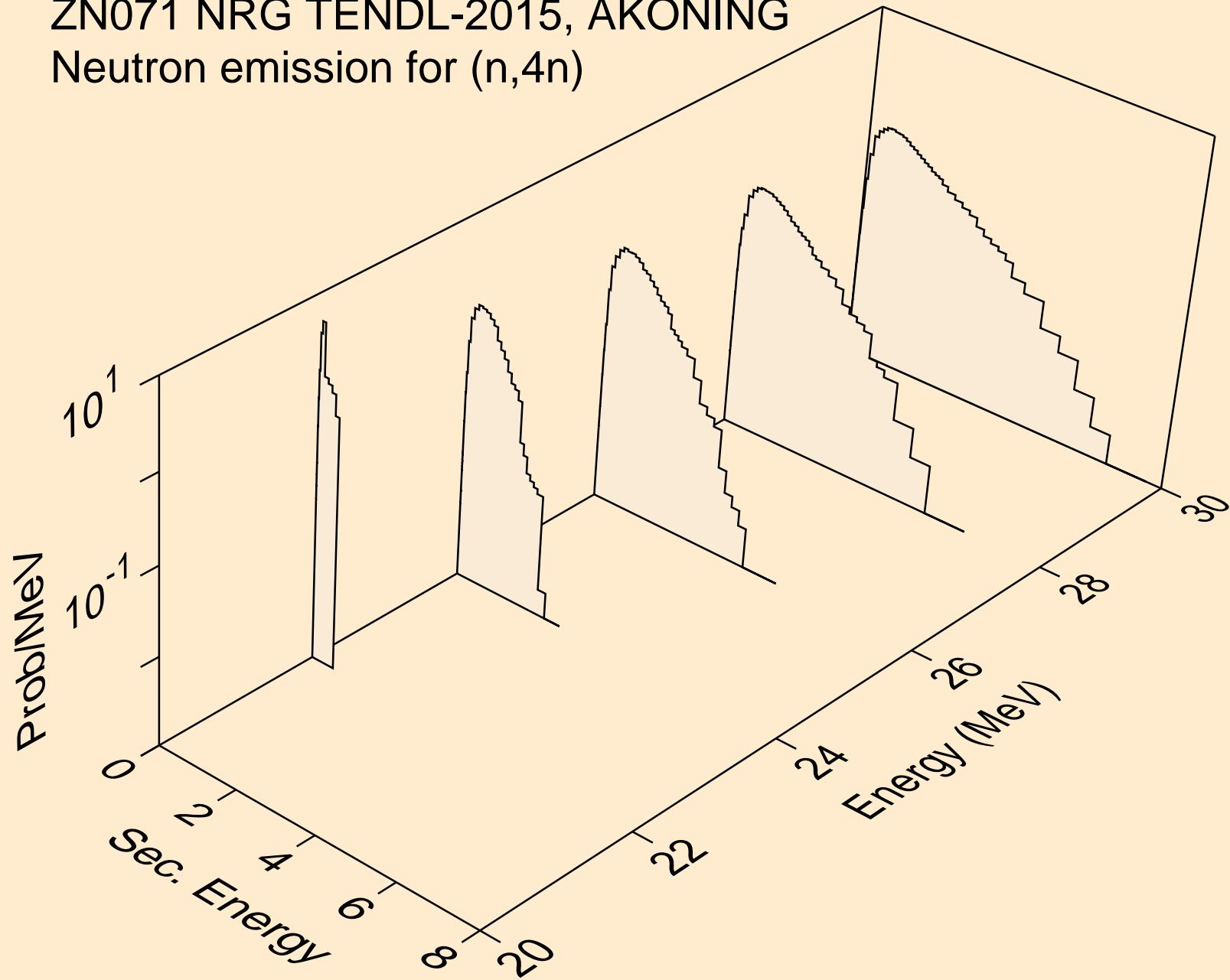


ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

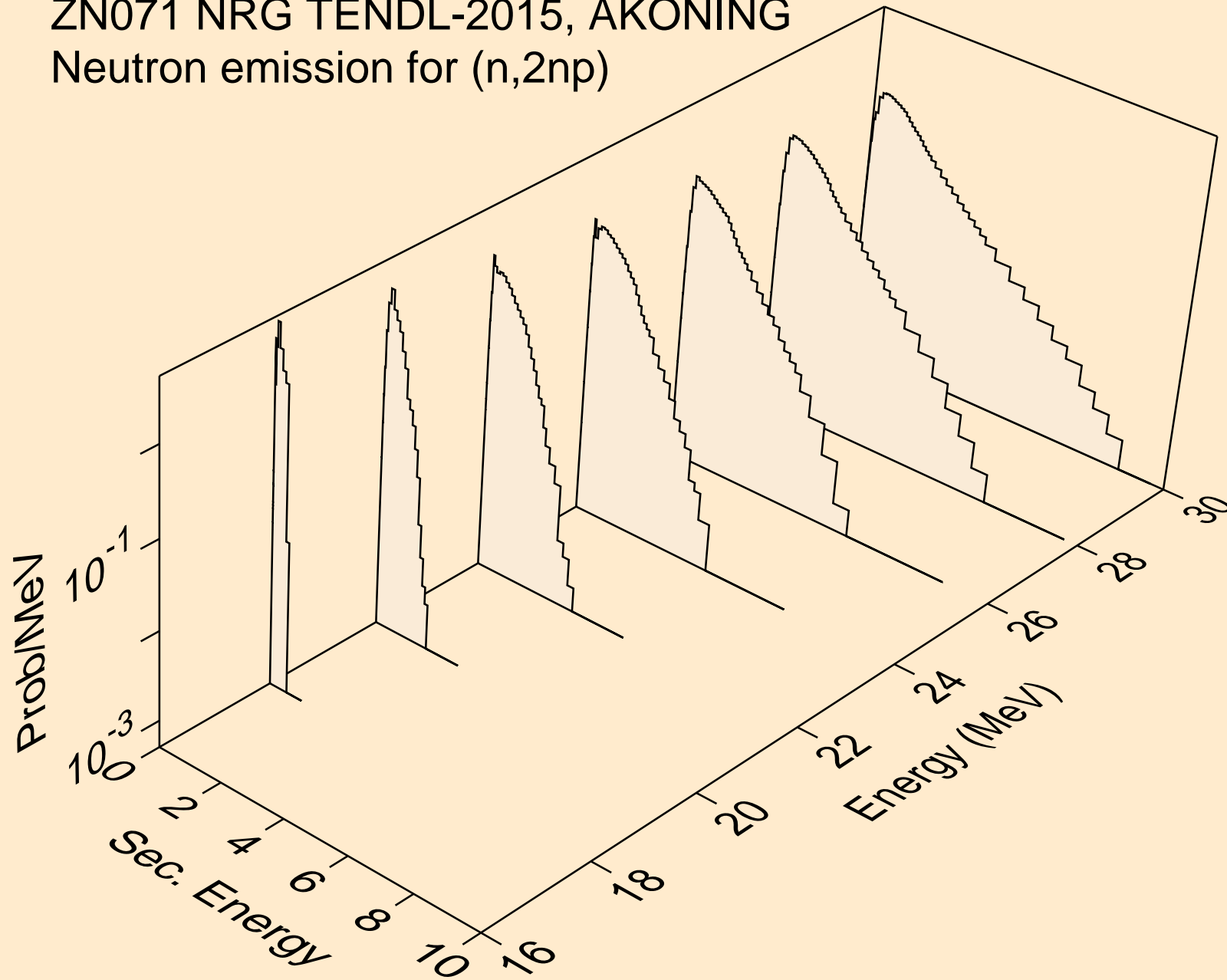




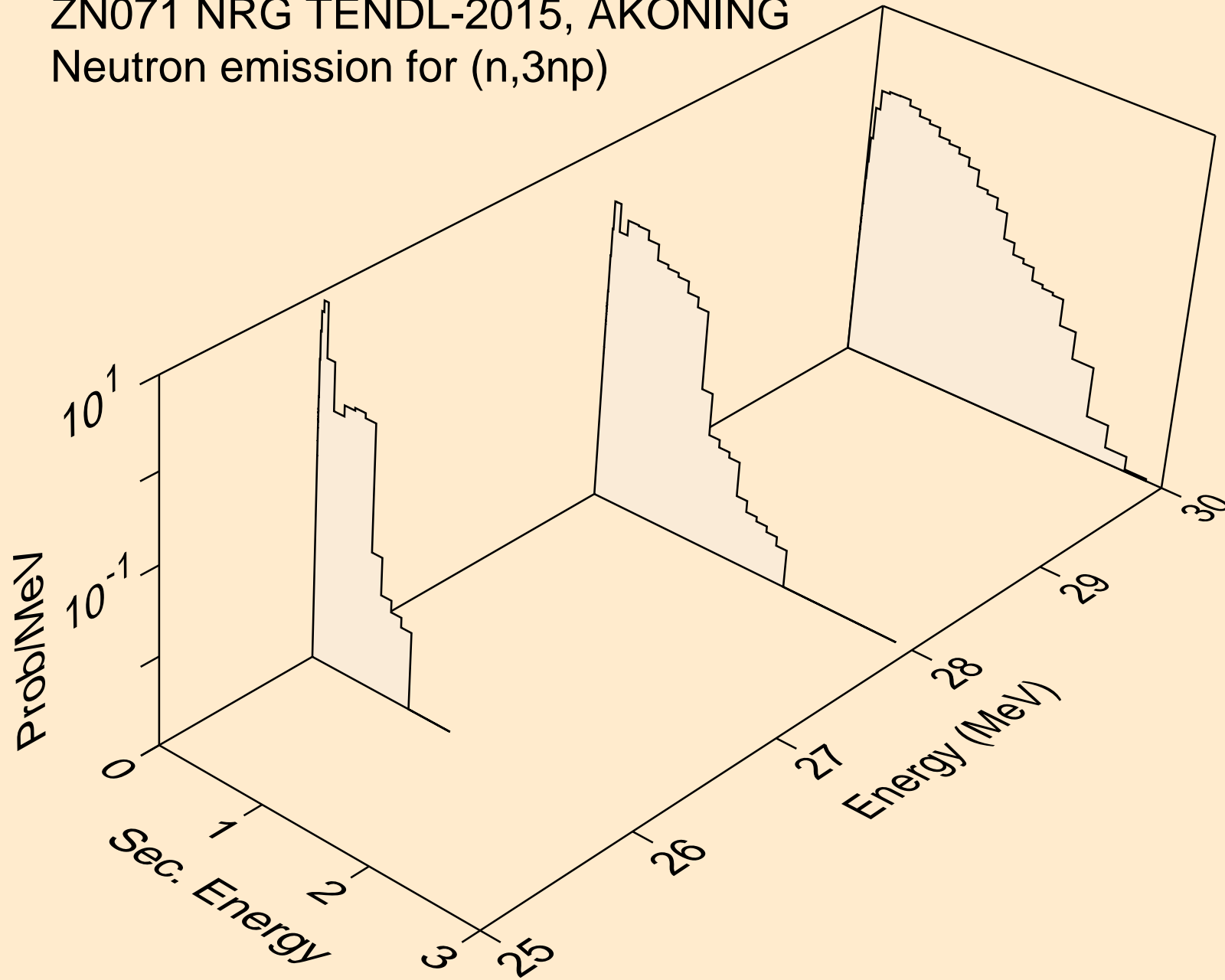
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



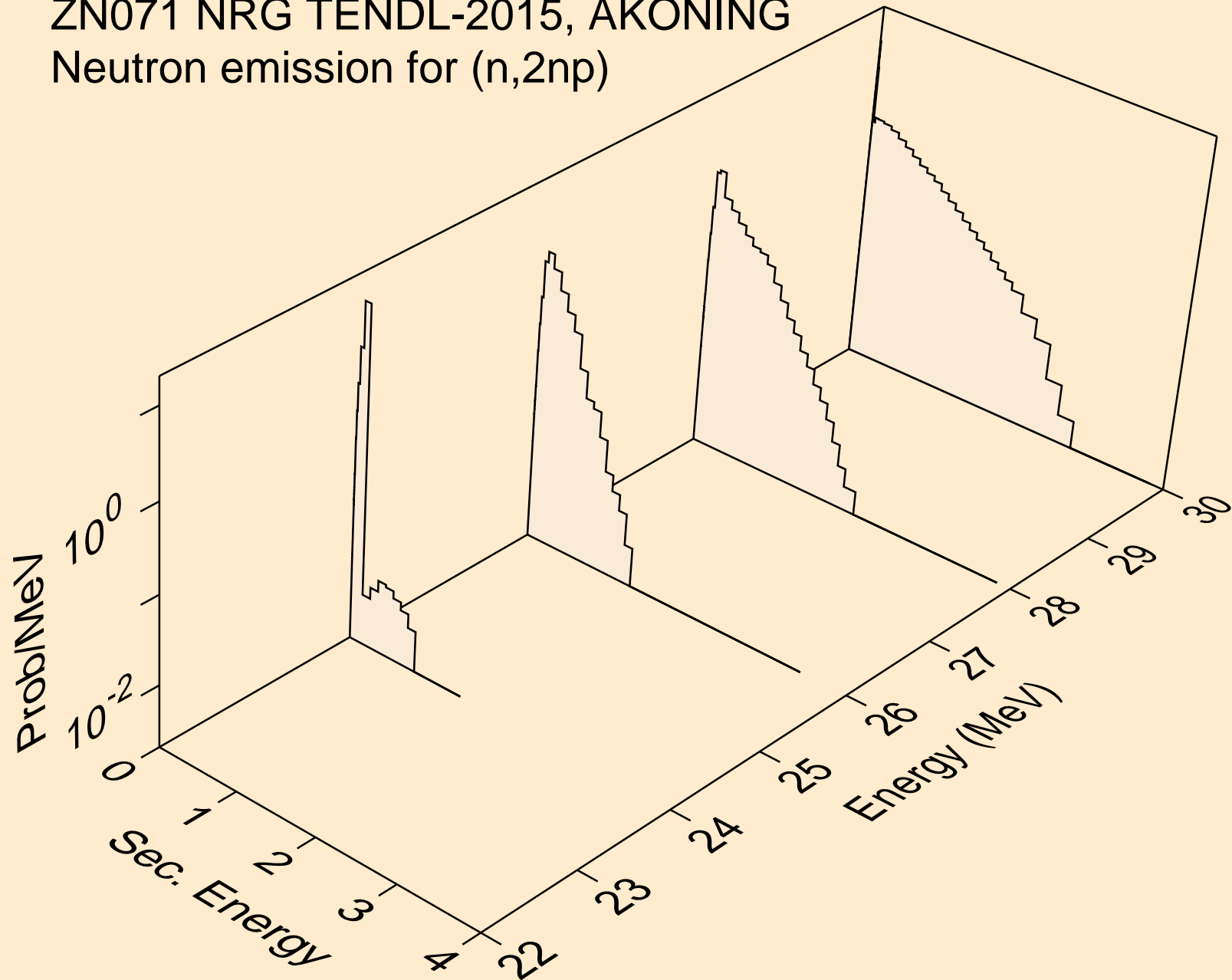
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



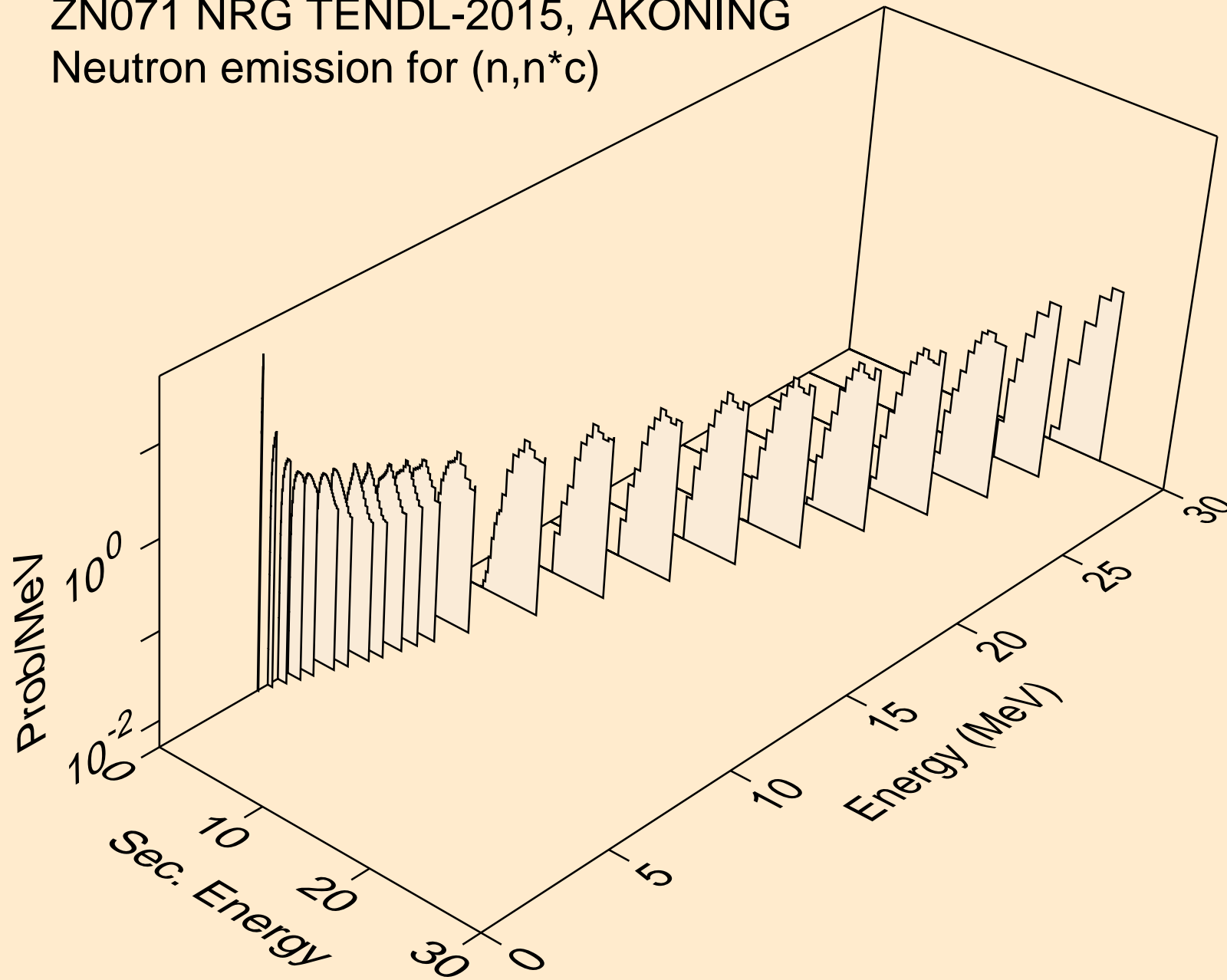
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



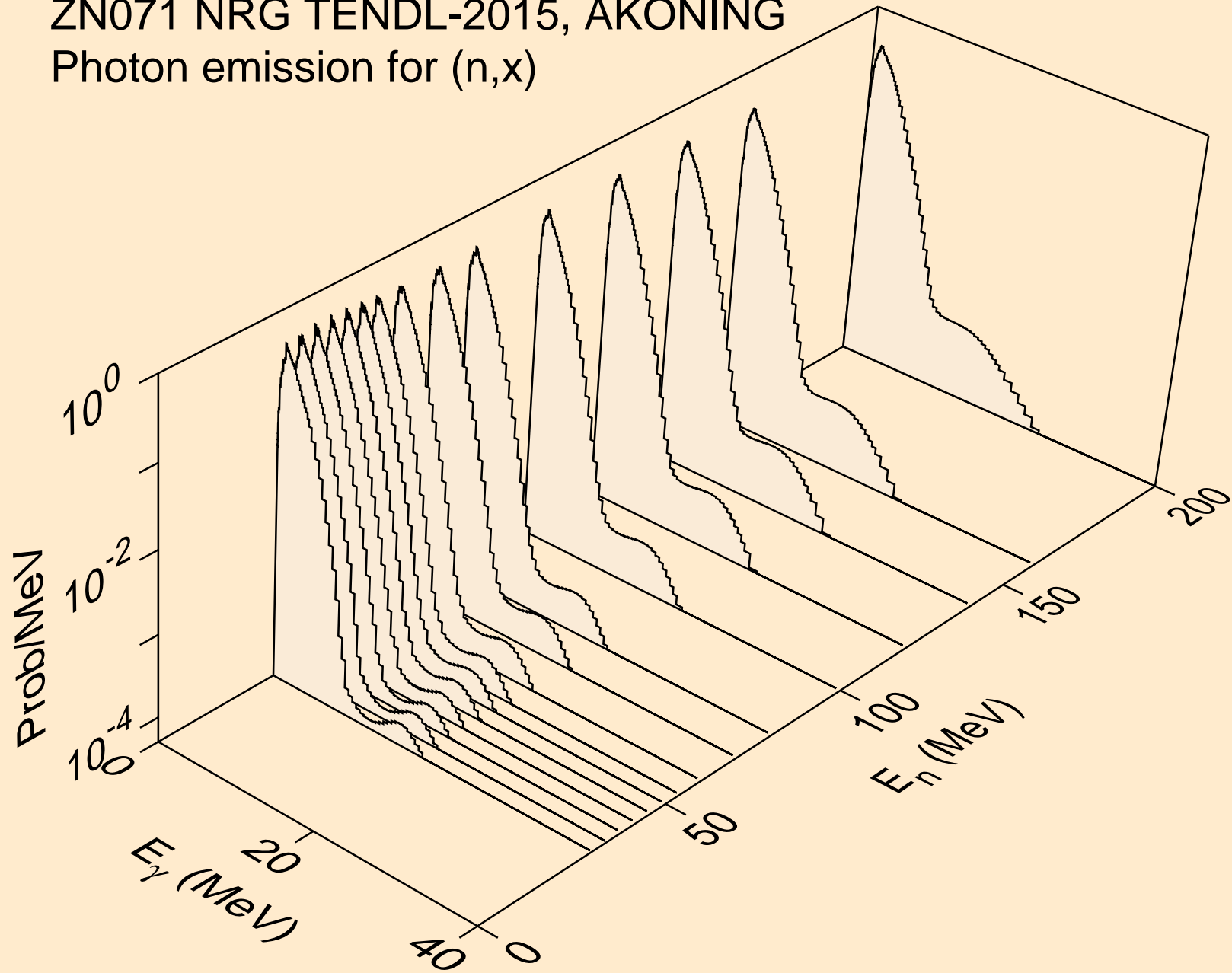
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



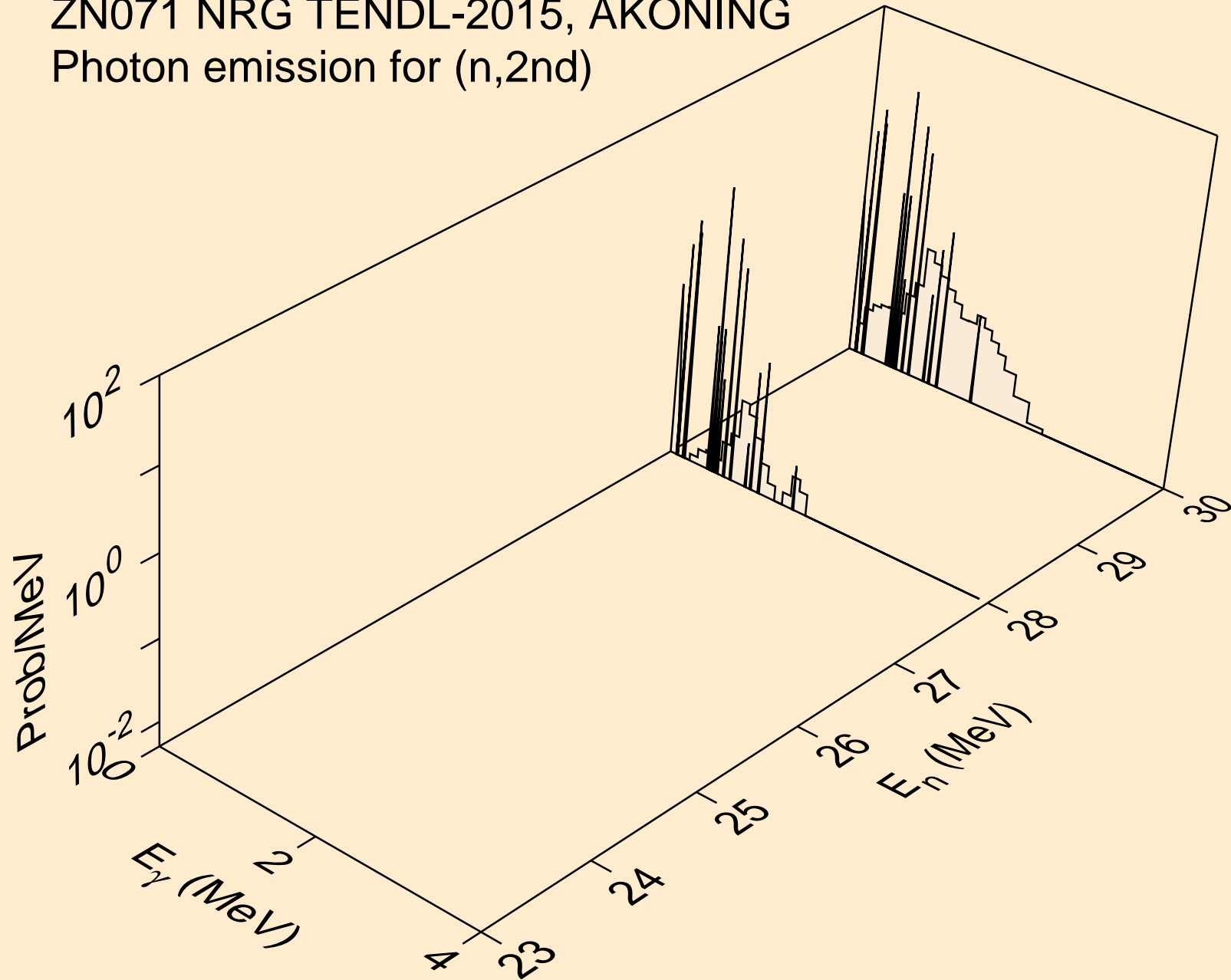
ZN071 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



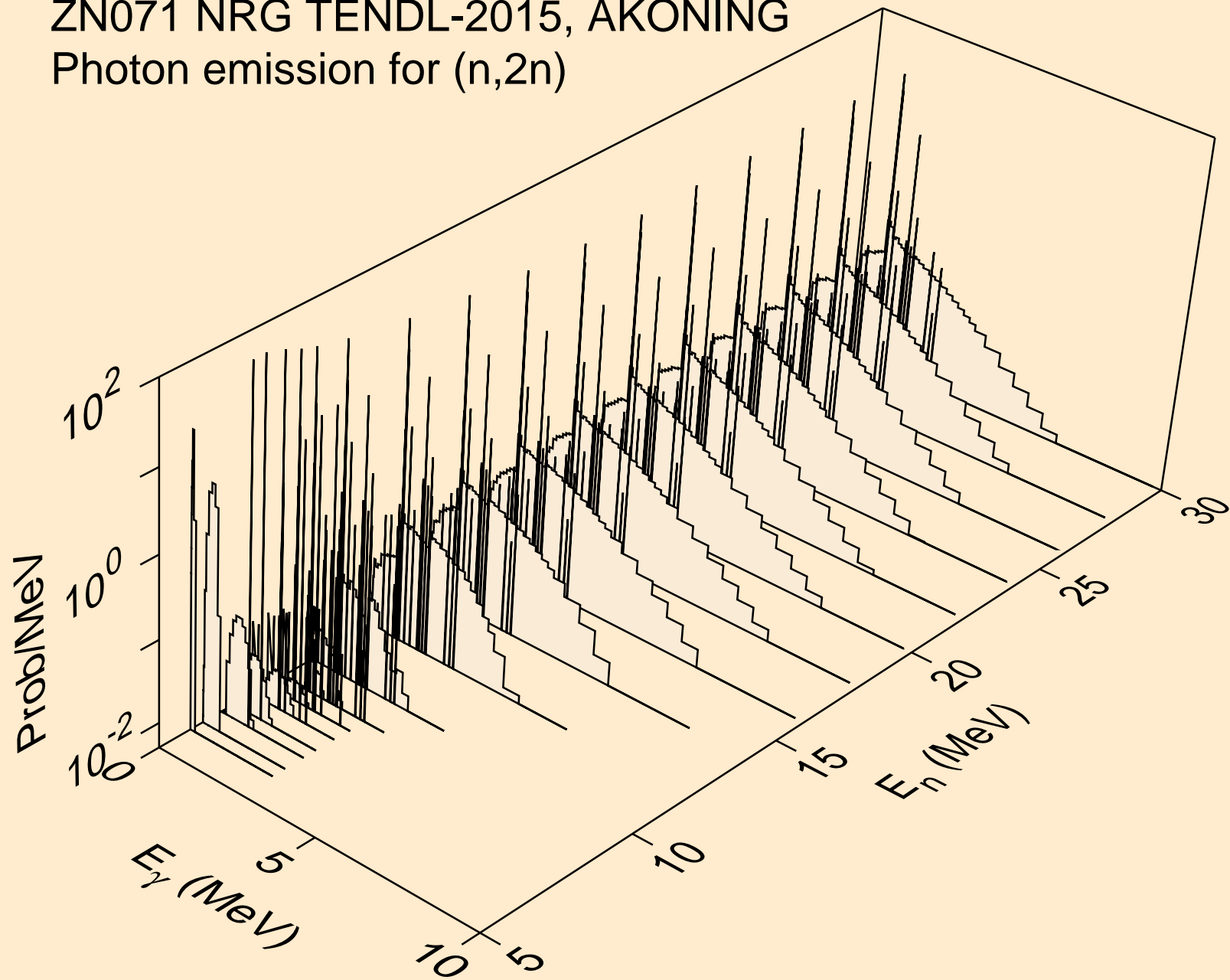
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

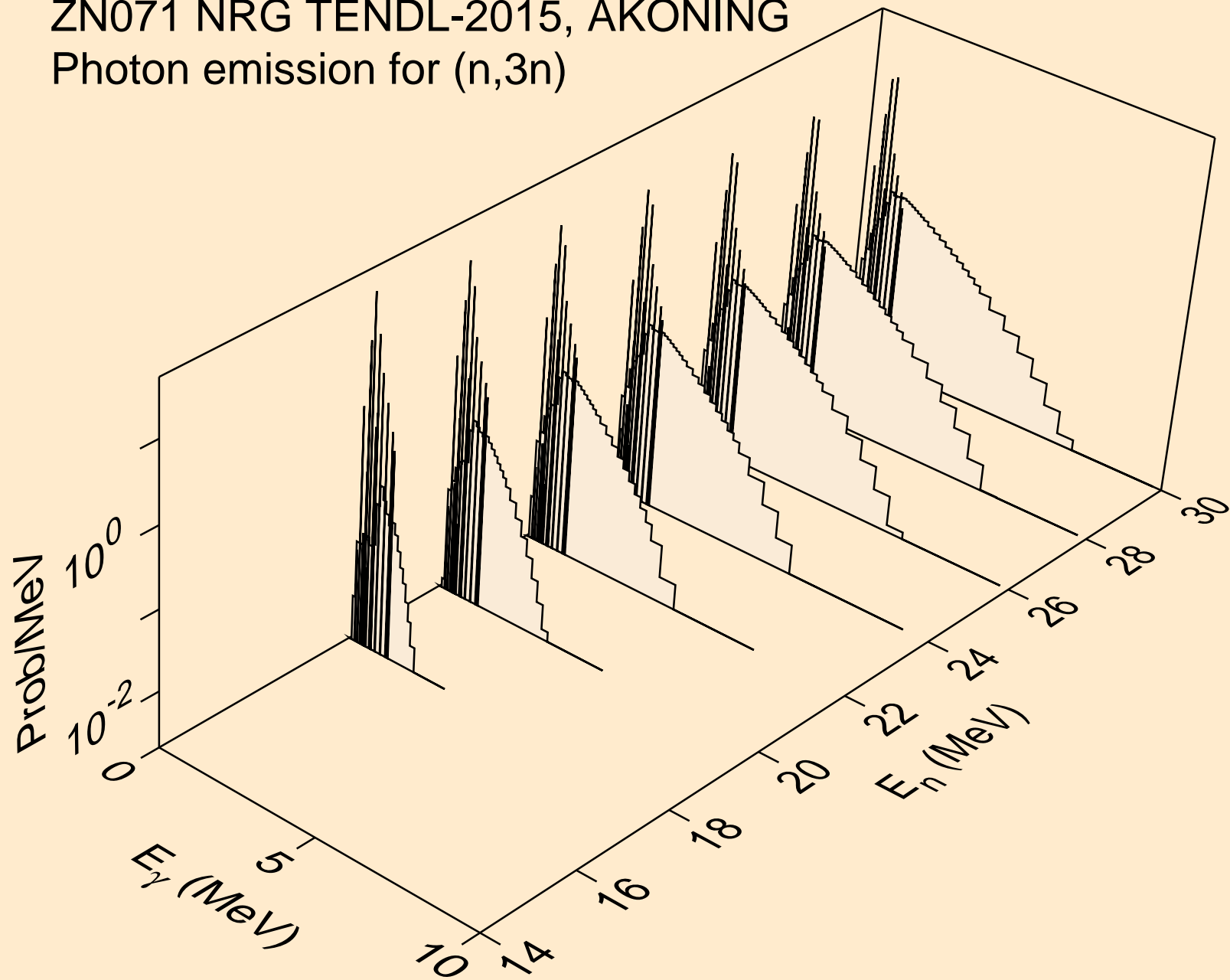


ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

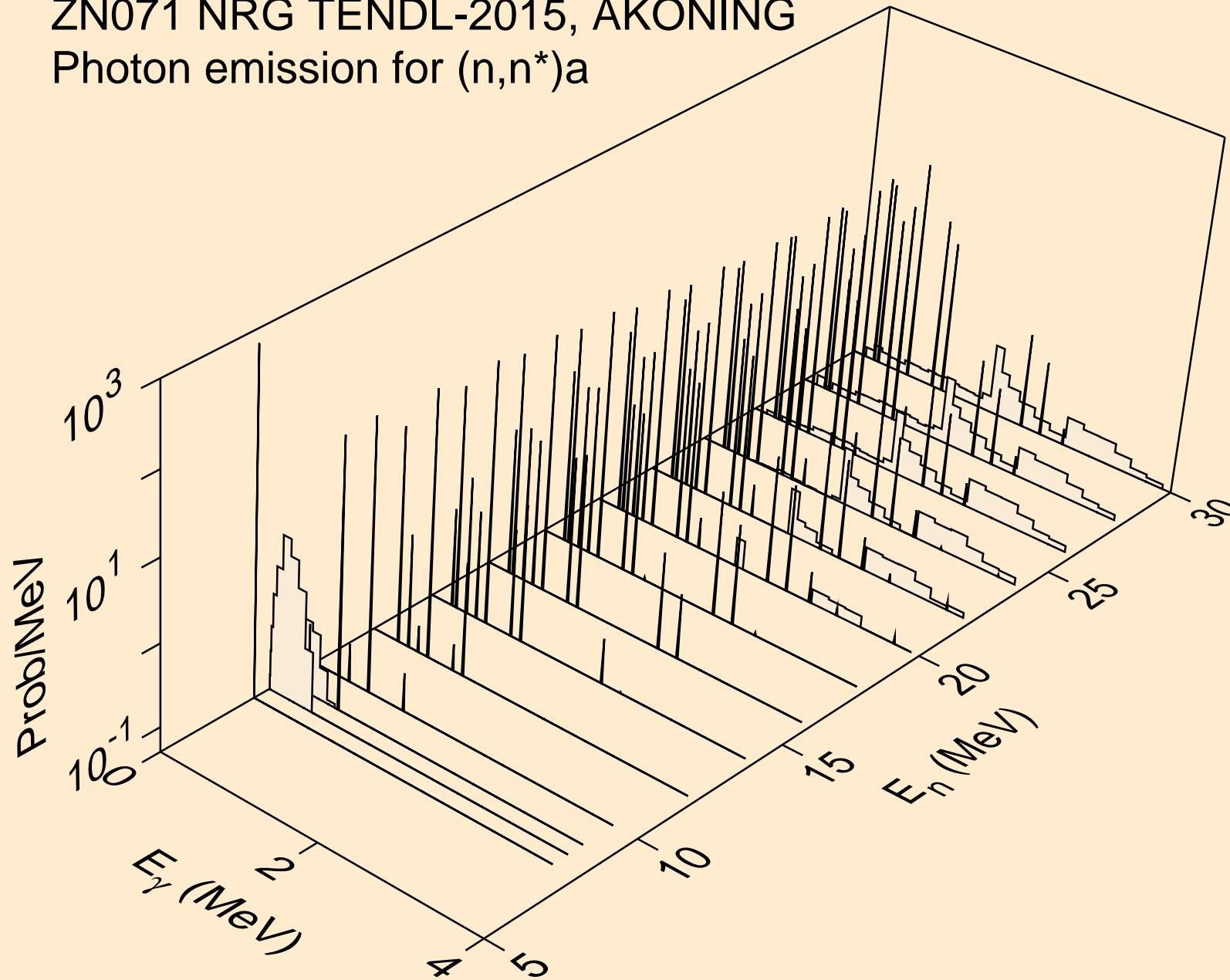




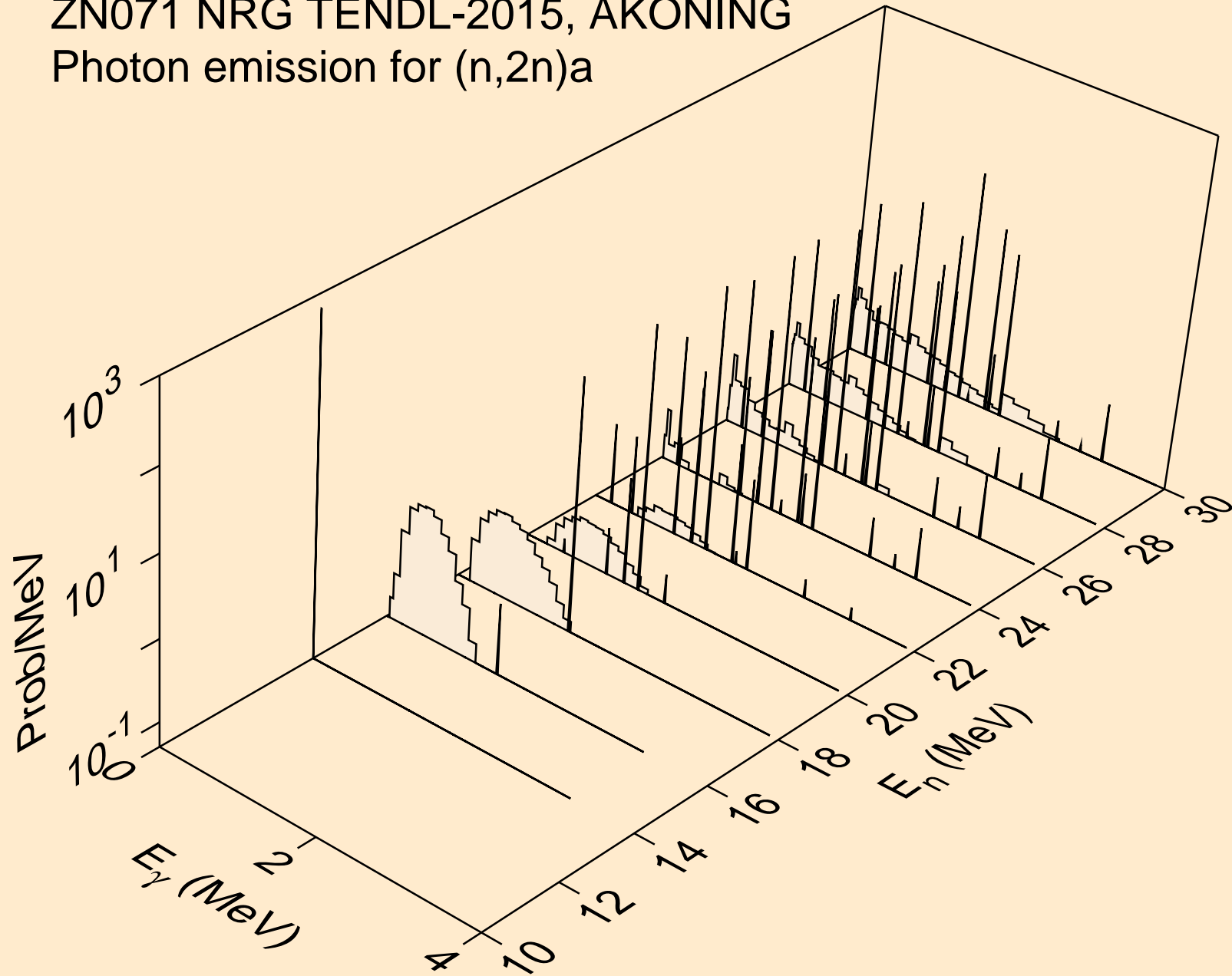
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



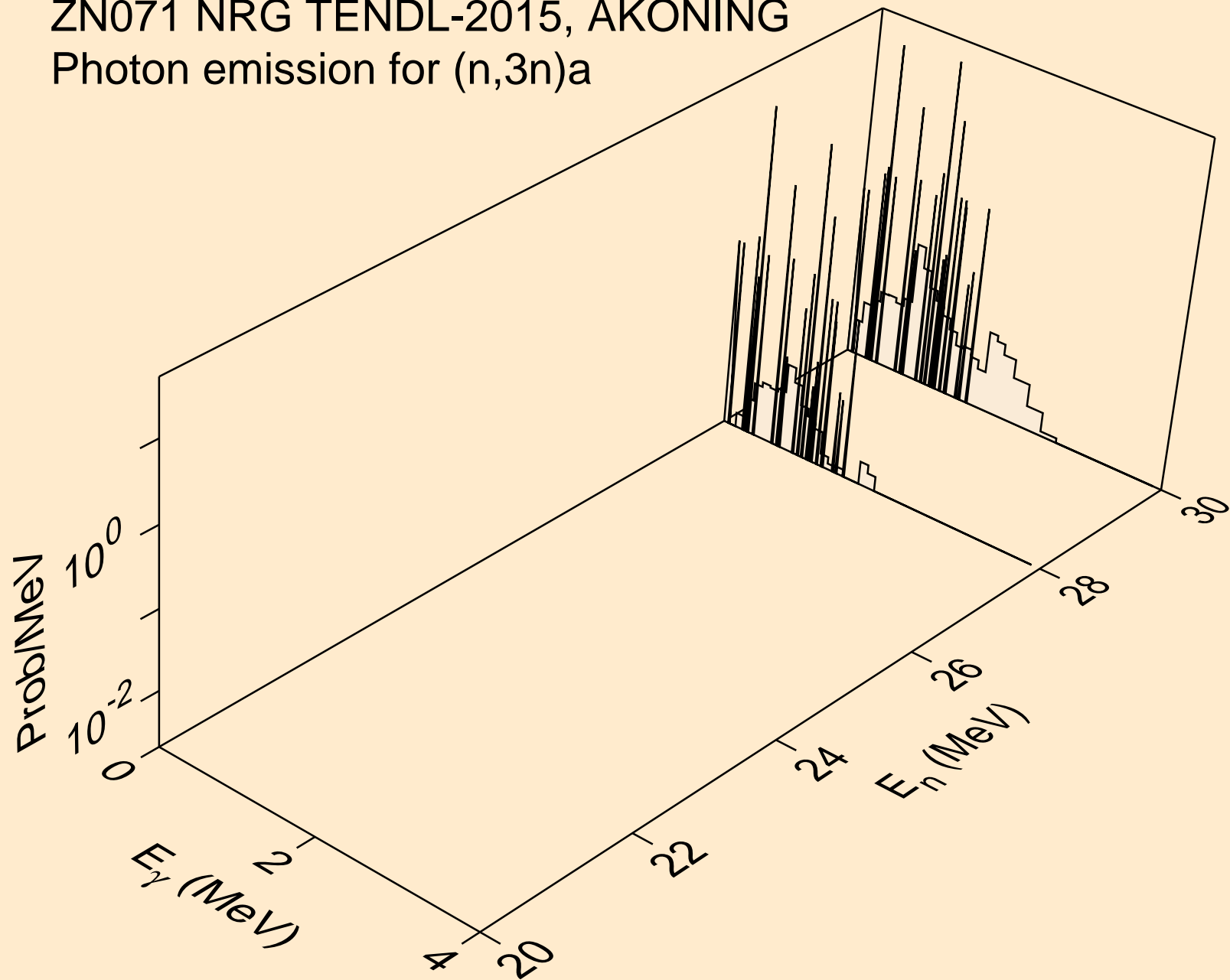
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



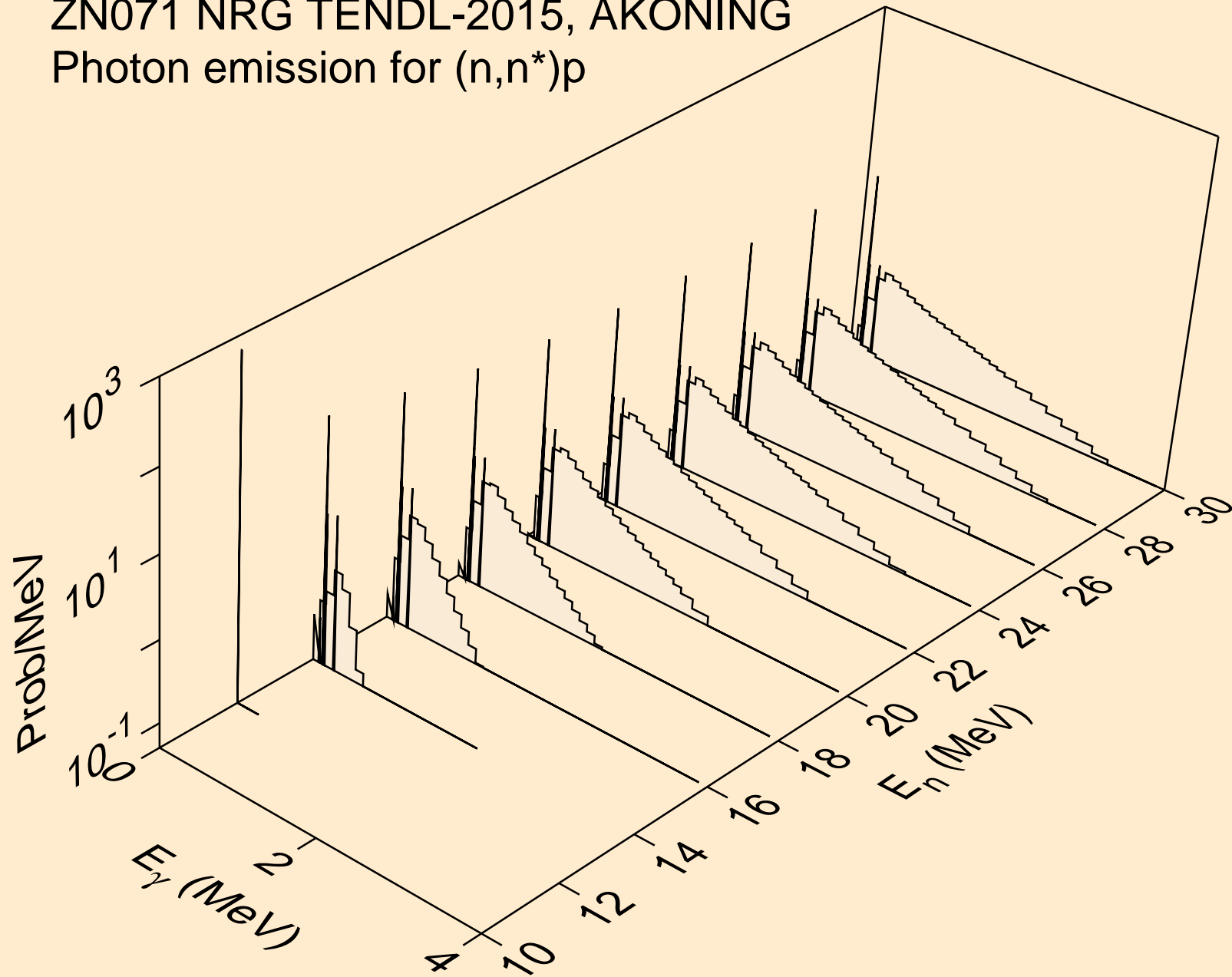
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



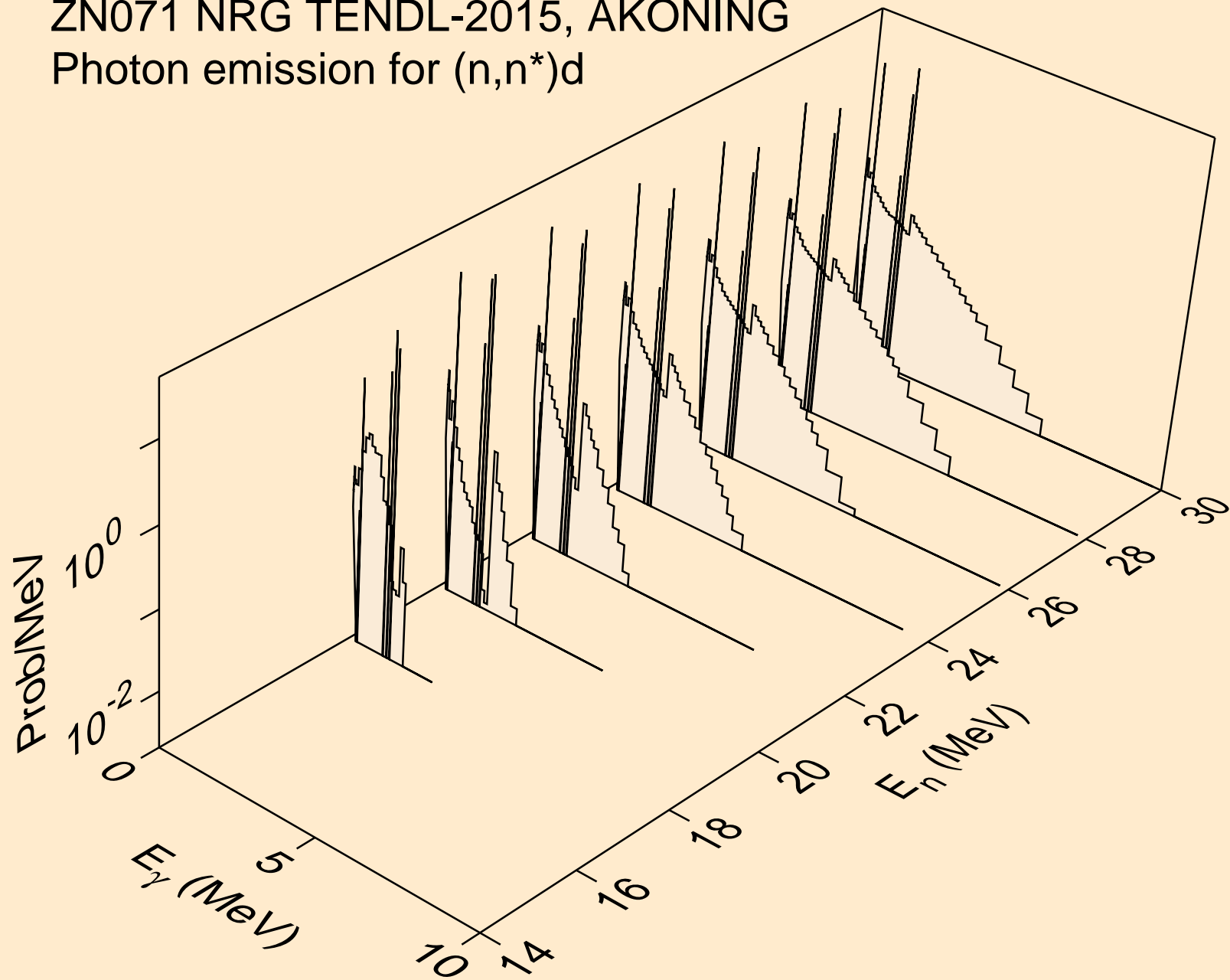
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



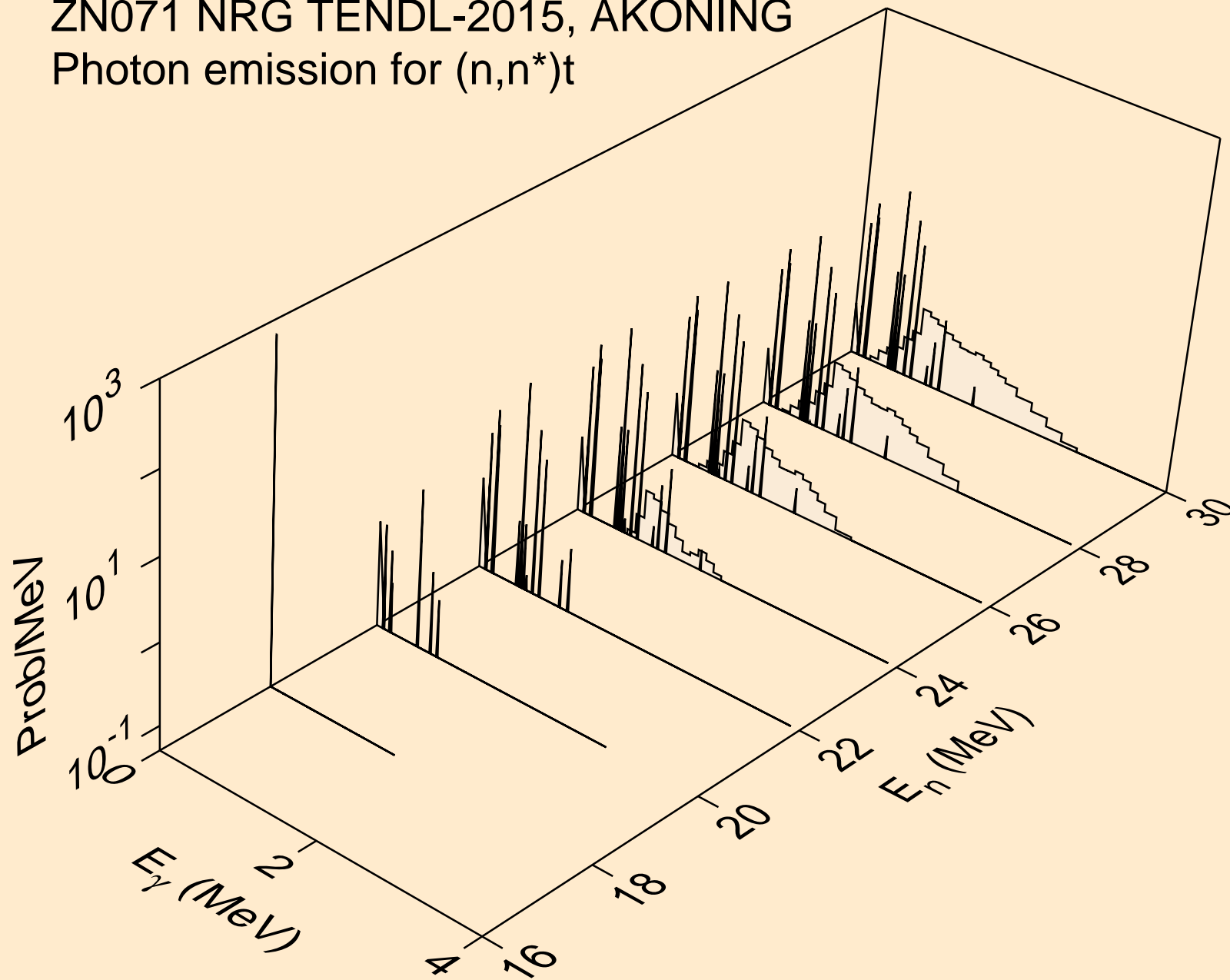
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Photon emission for (n,n\*)p



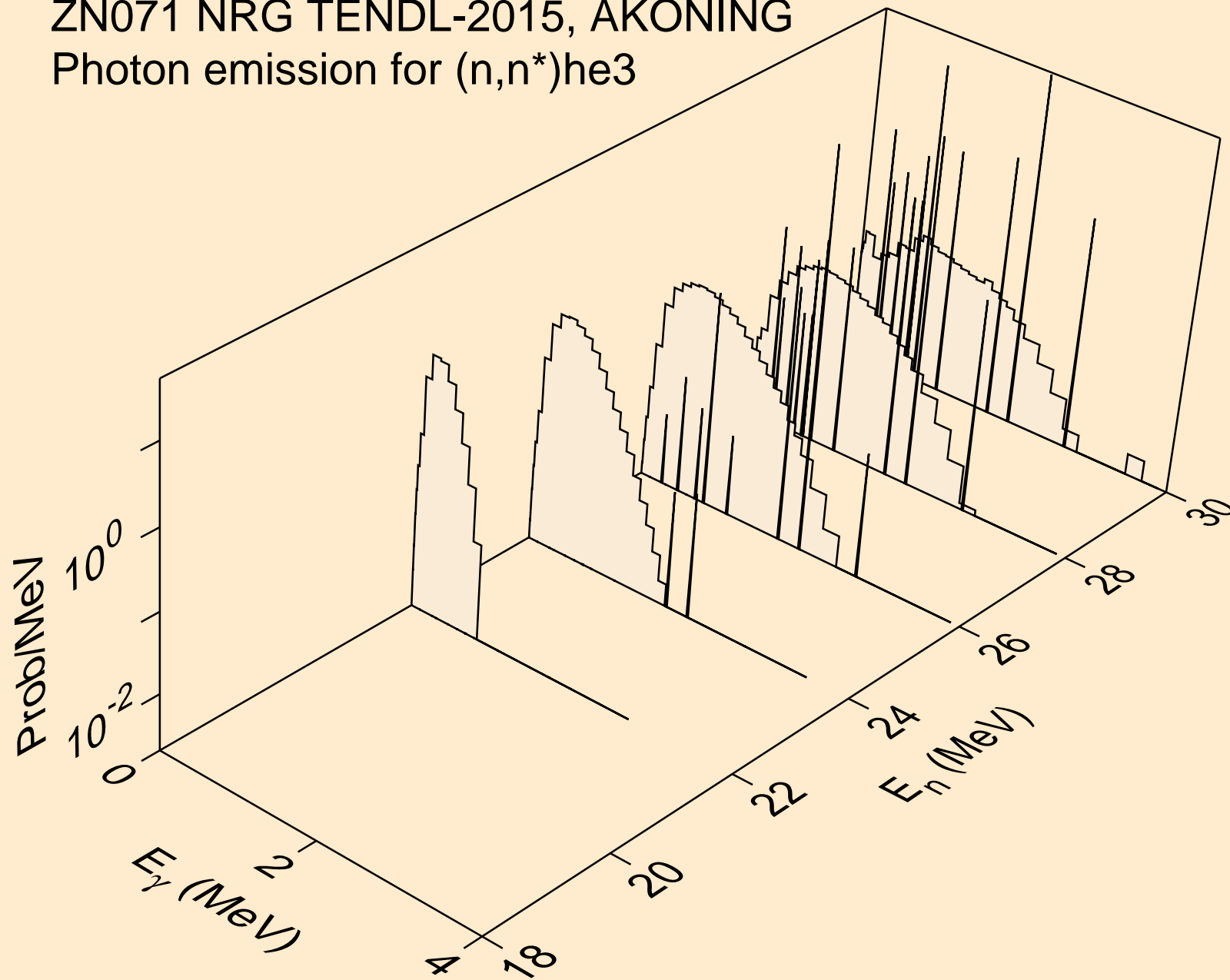
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

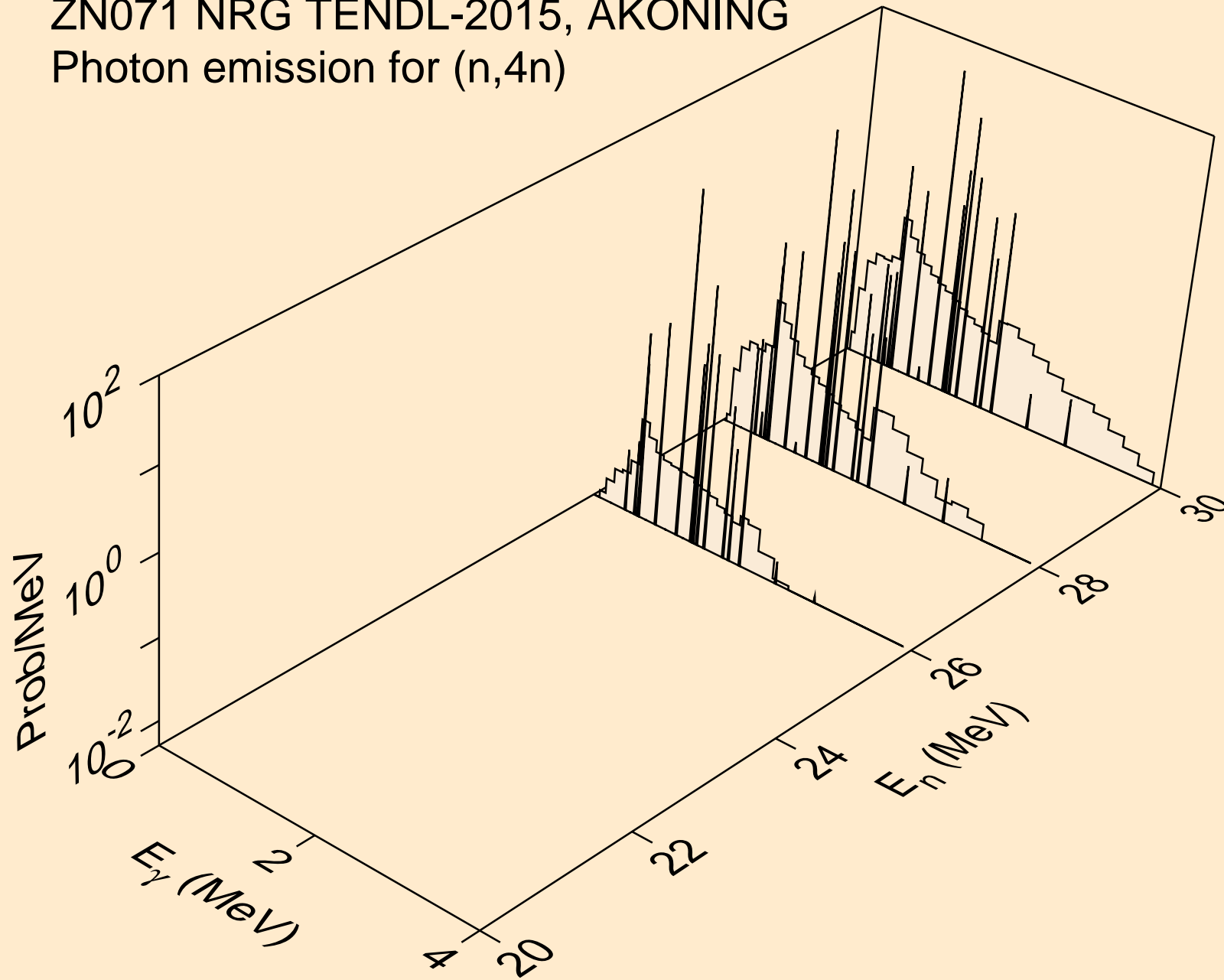


ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

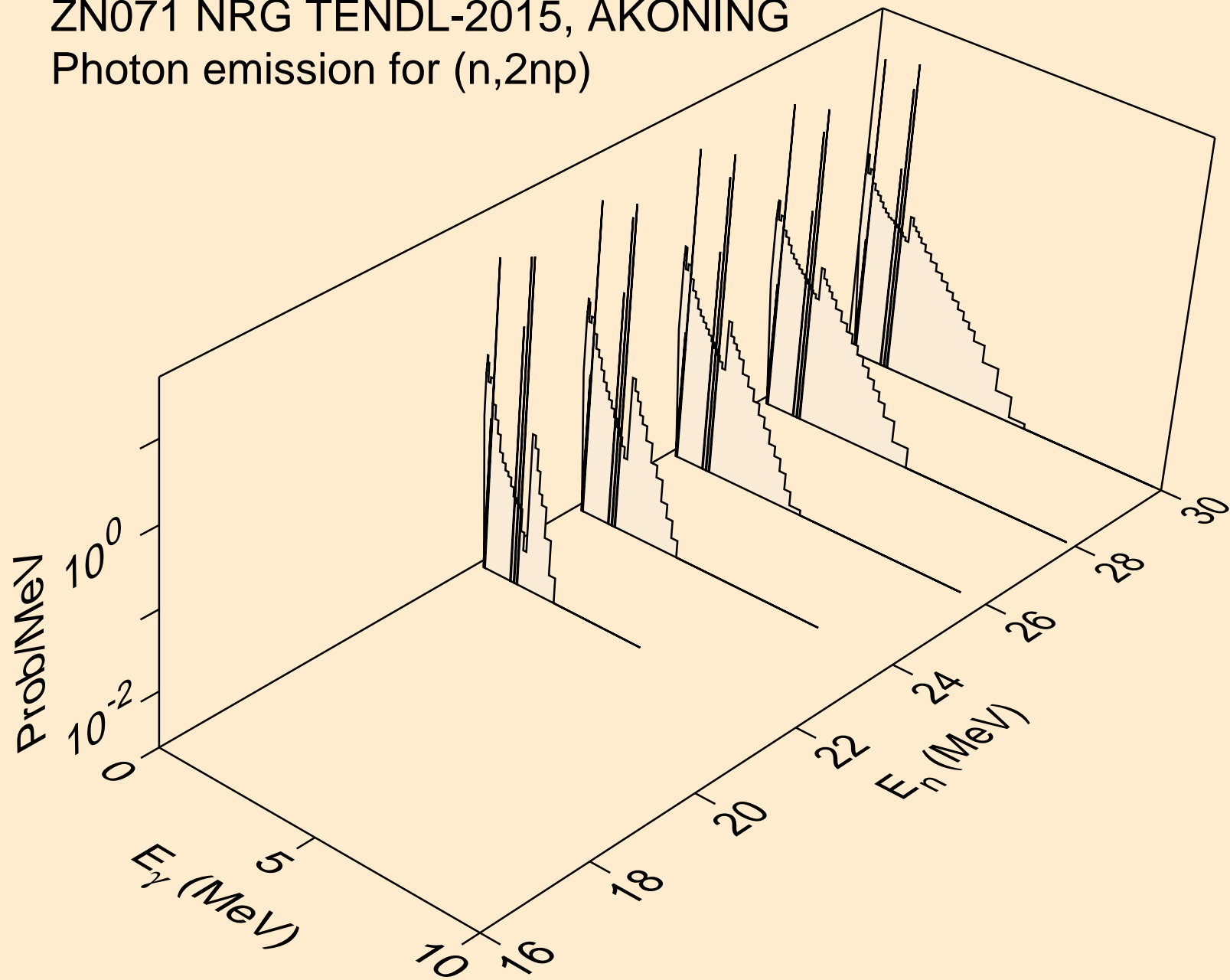




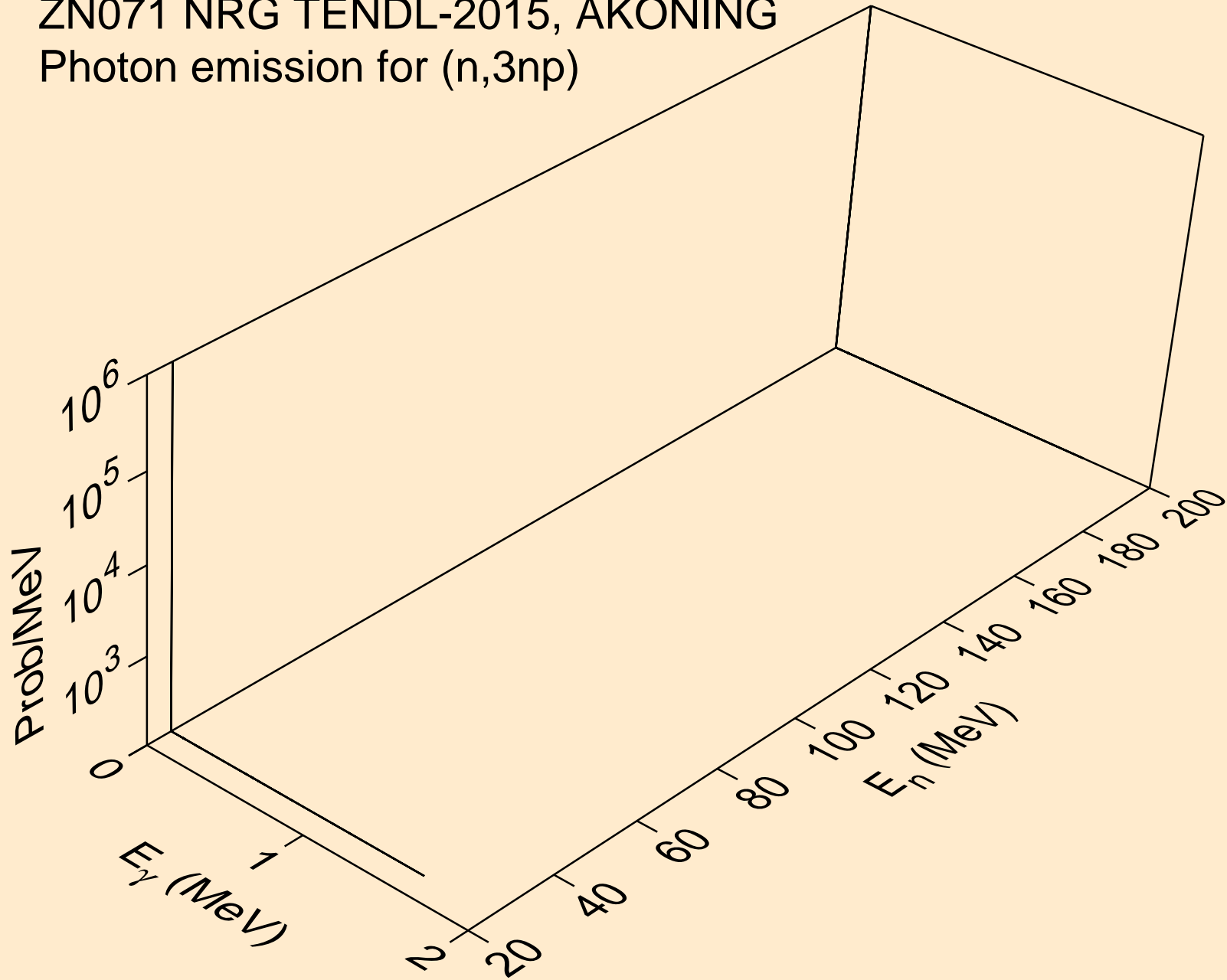
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Photon emission for (n,4n)



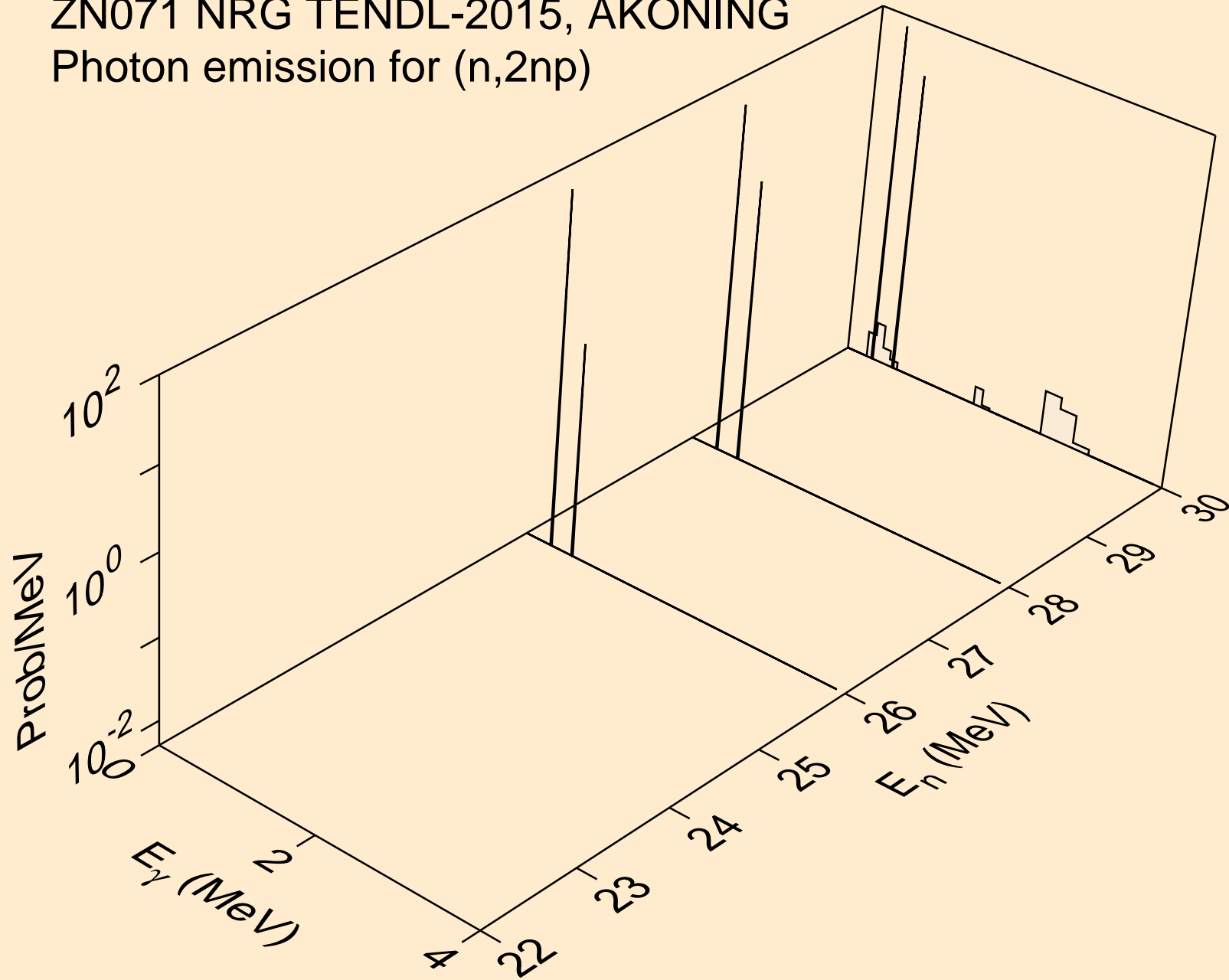
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



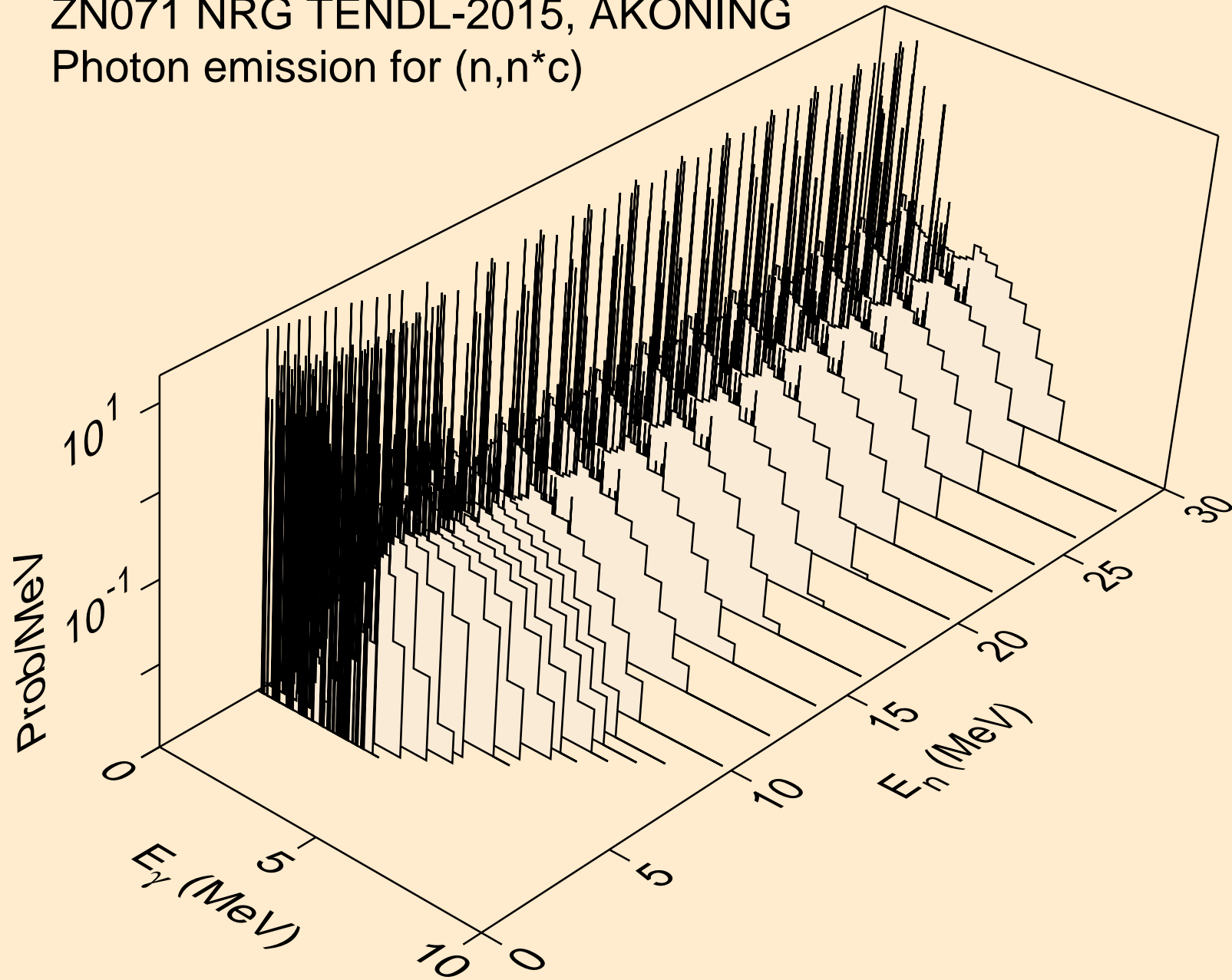
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Photon emission for (n,3np)



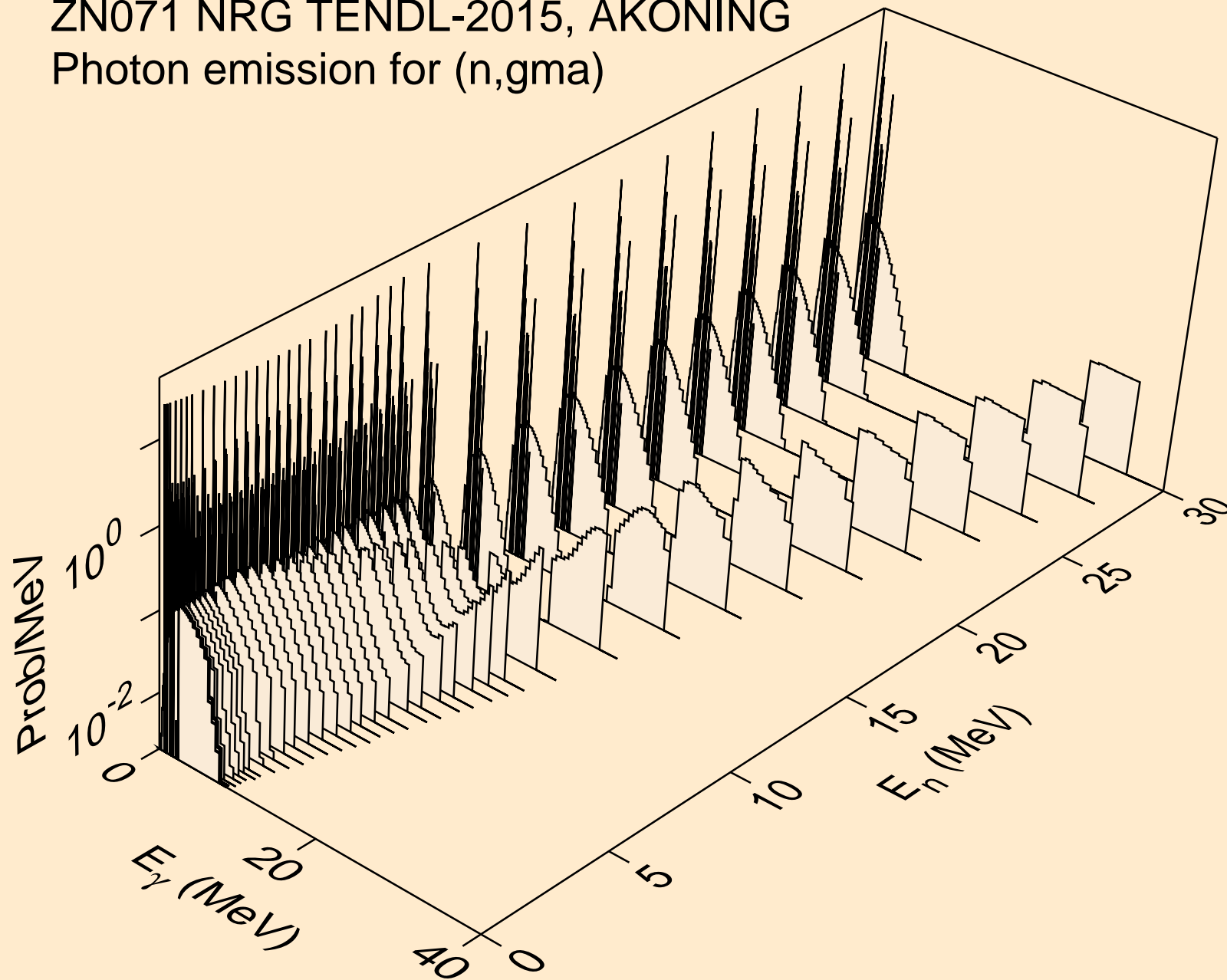
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Photon emission for (n,2np)



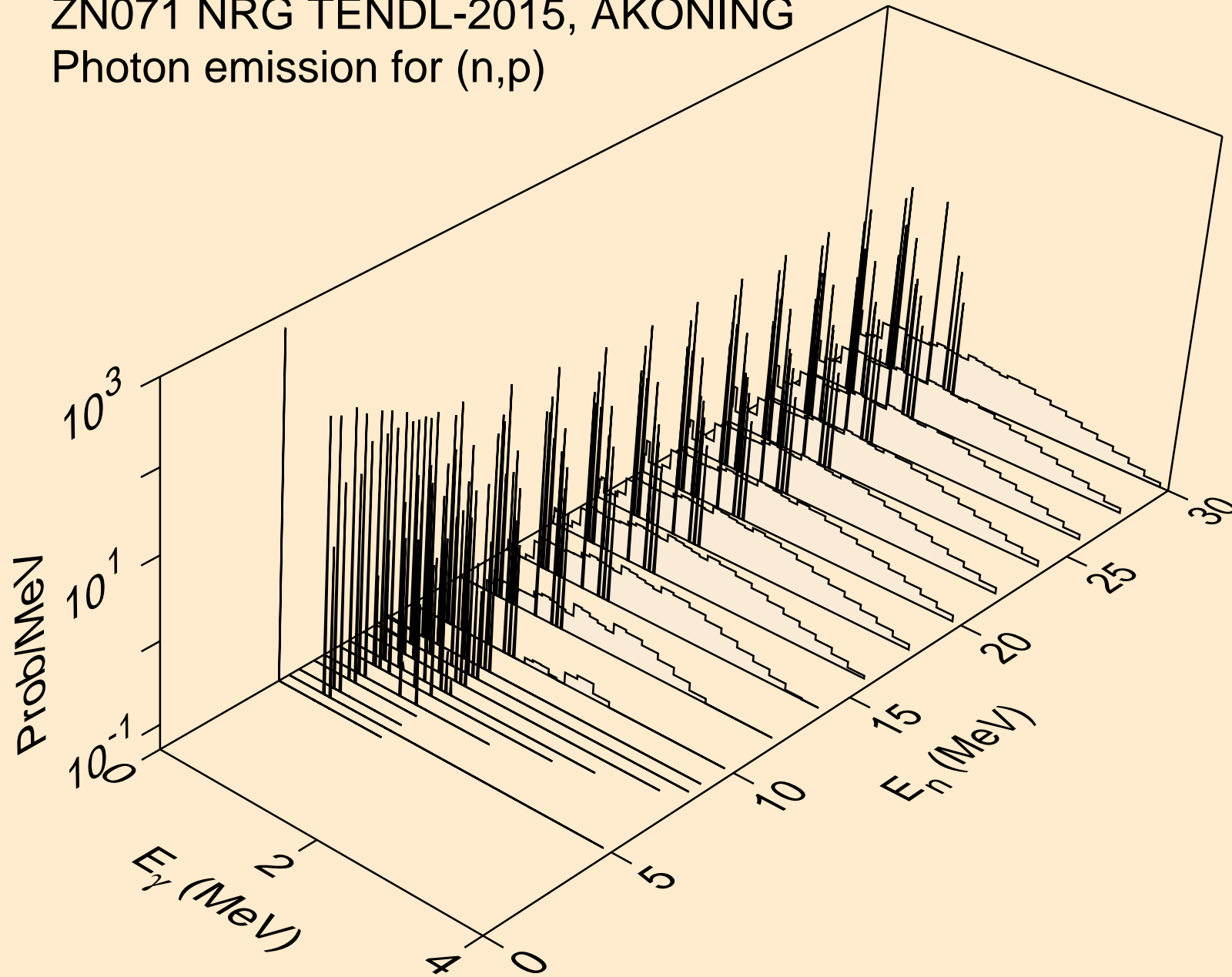
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Photon emission for (n,n\*c)



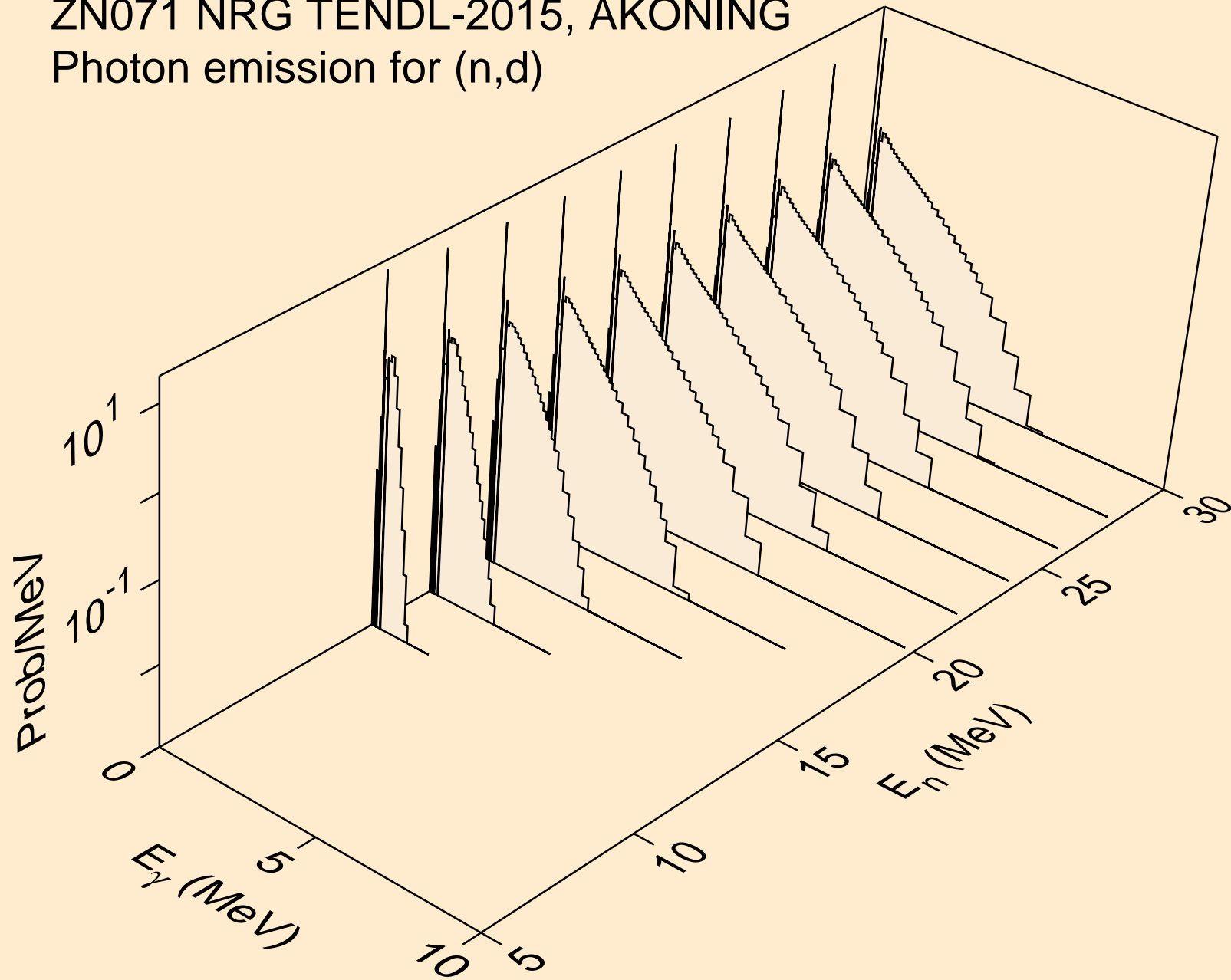
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

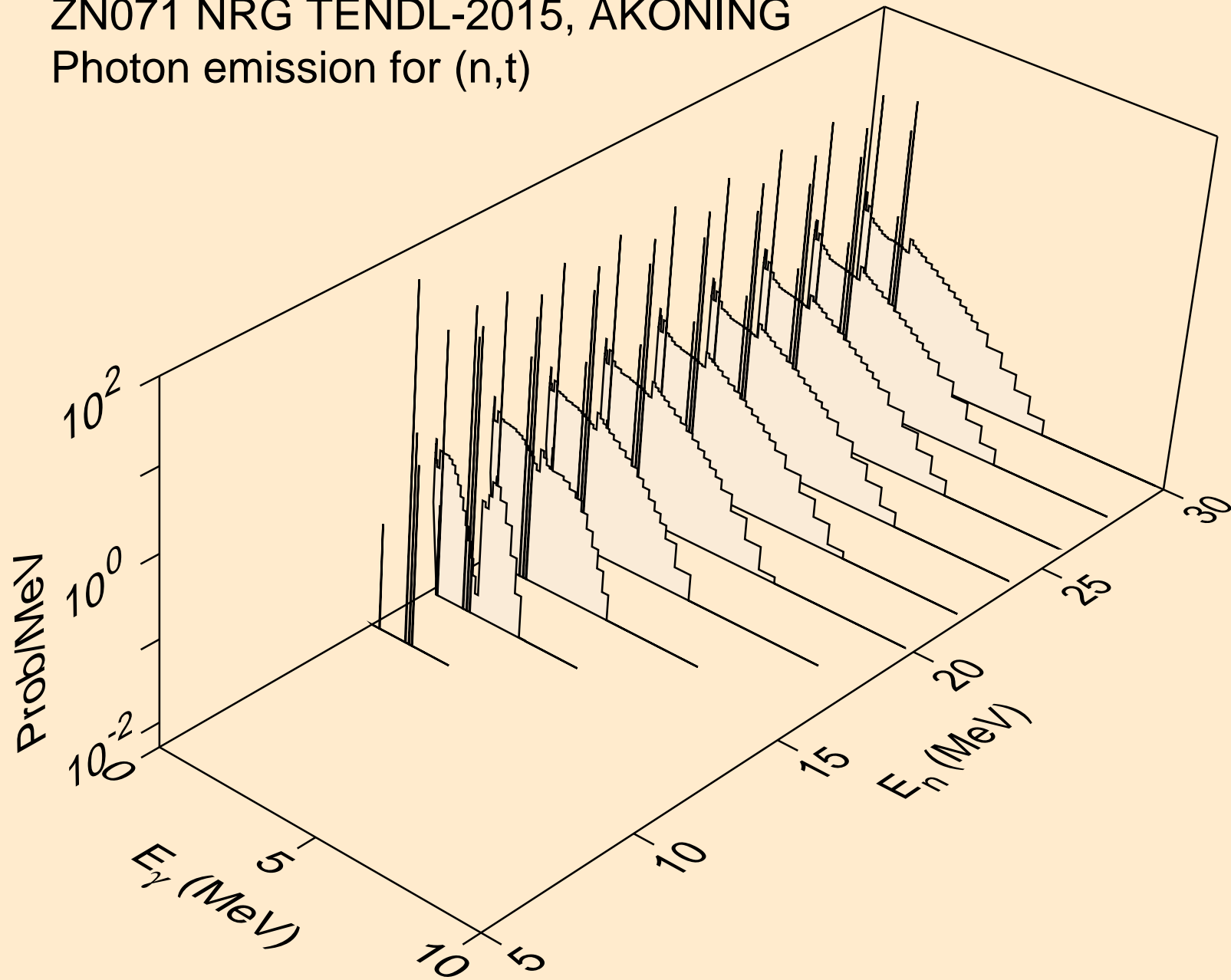


ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

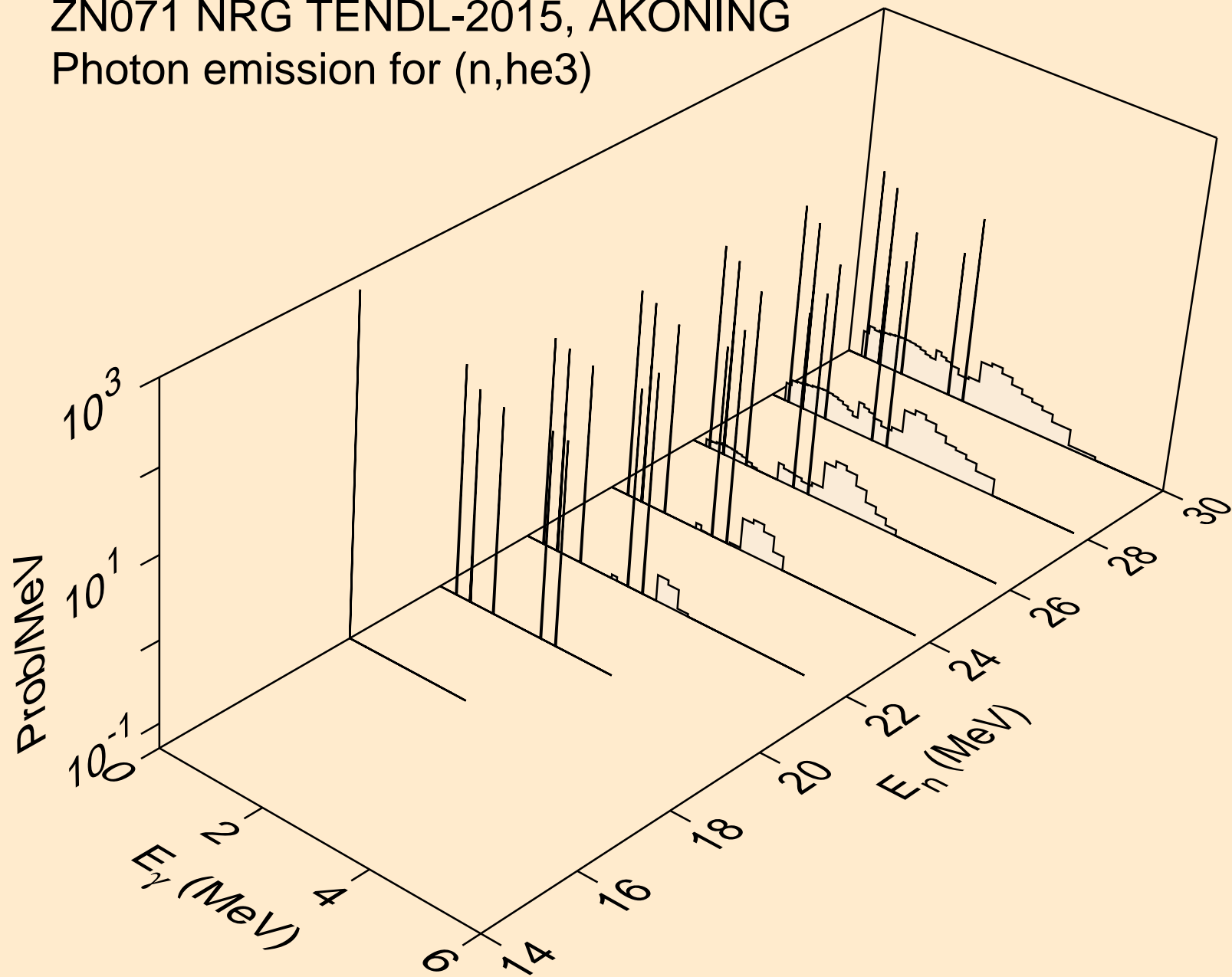




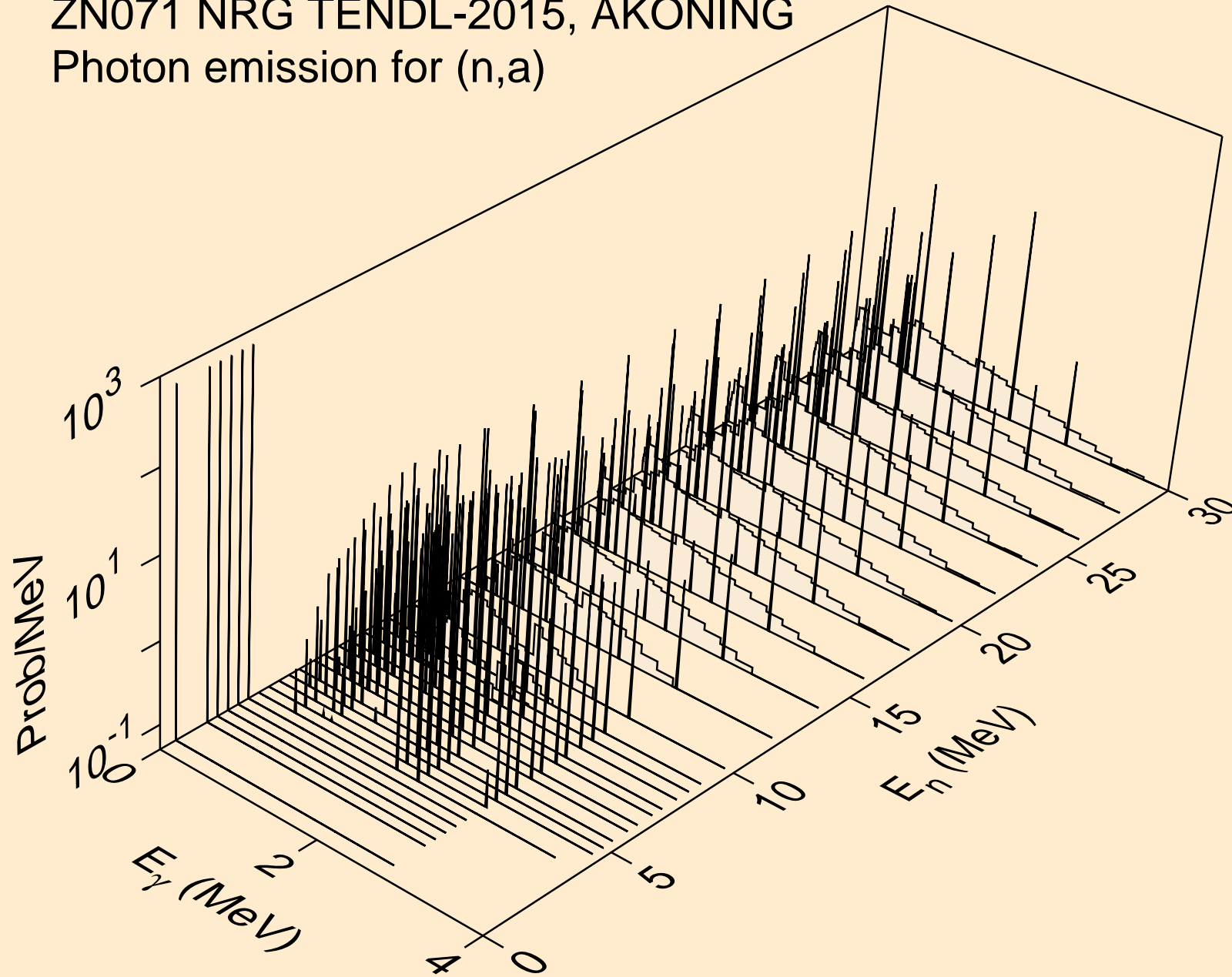
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



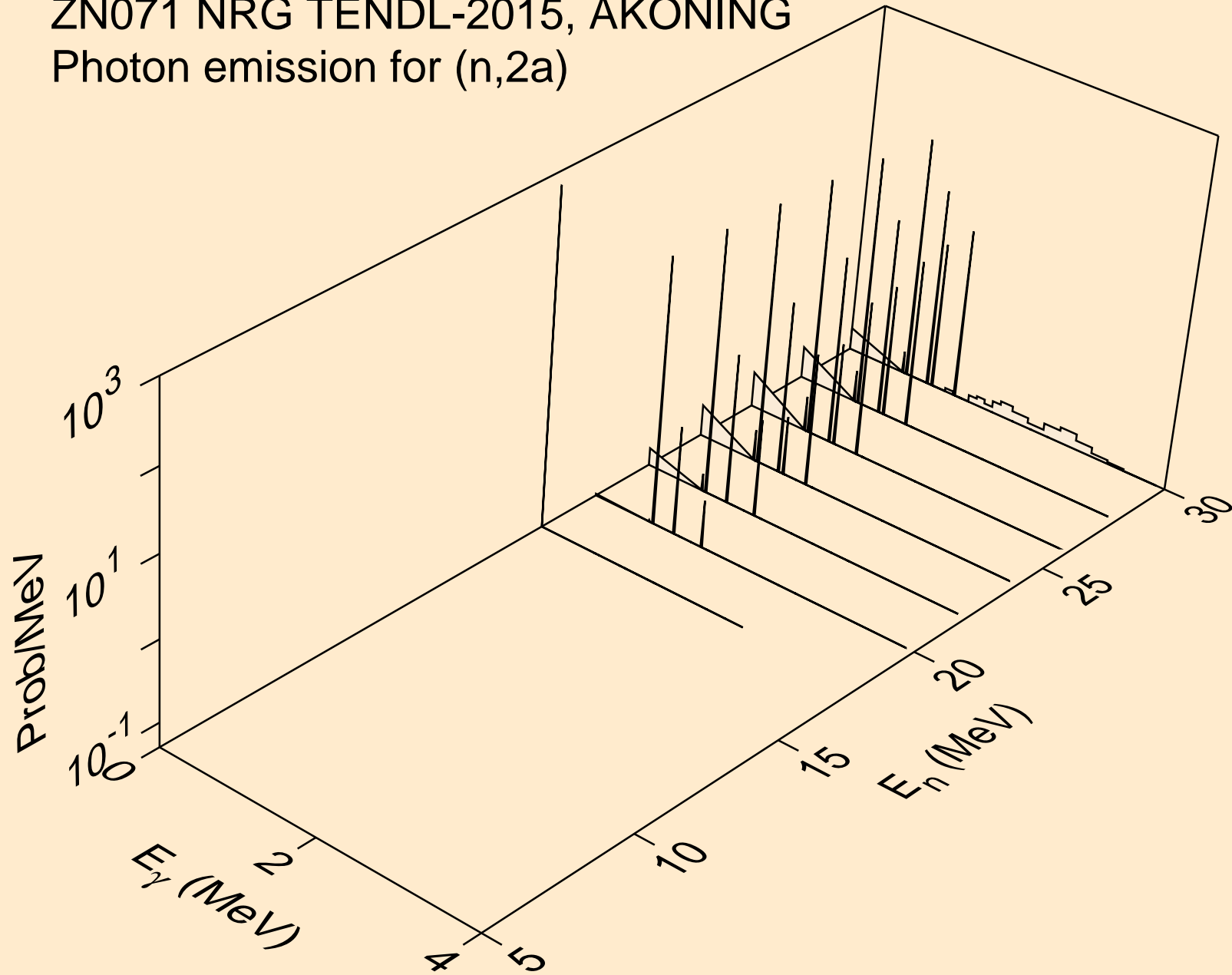
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



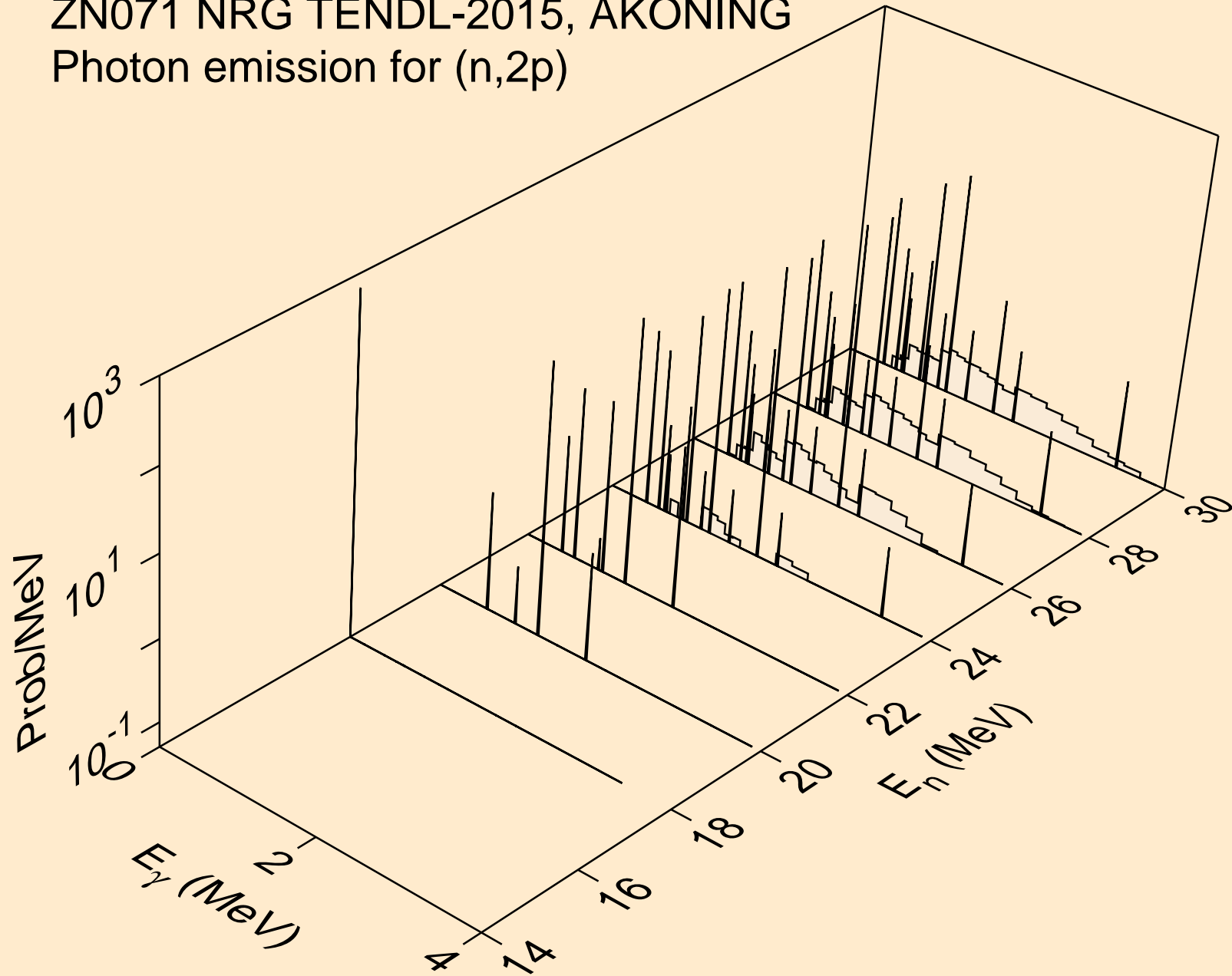
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



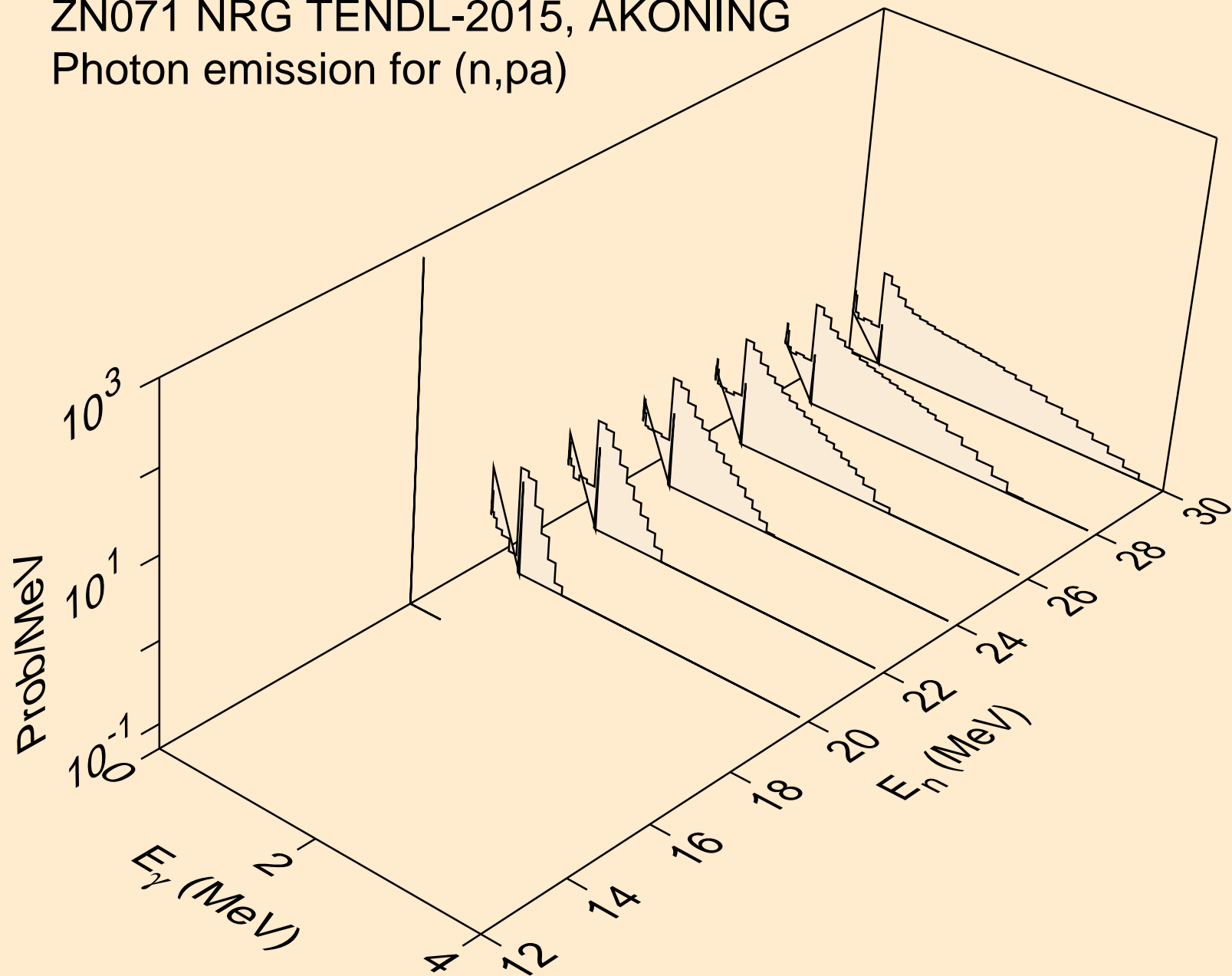
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



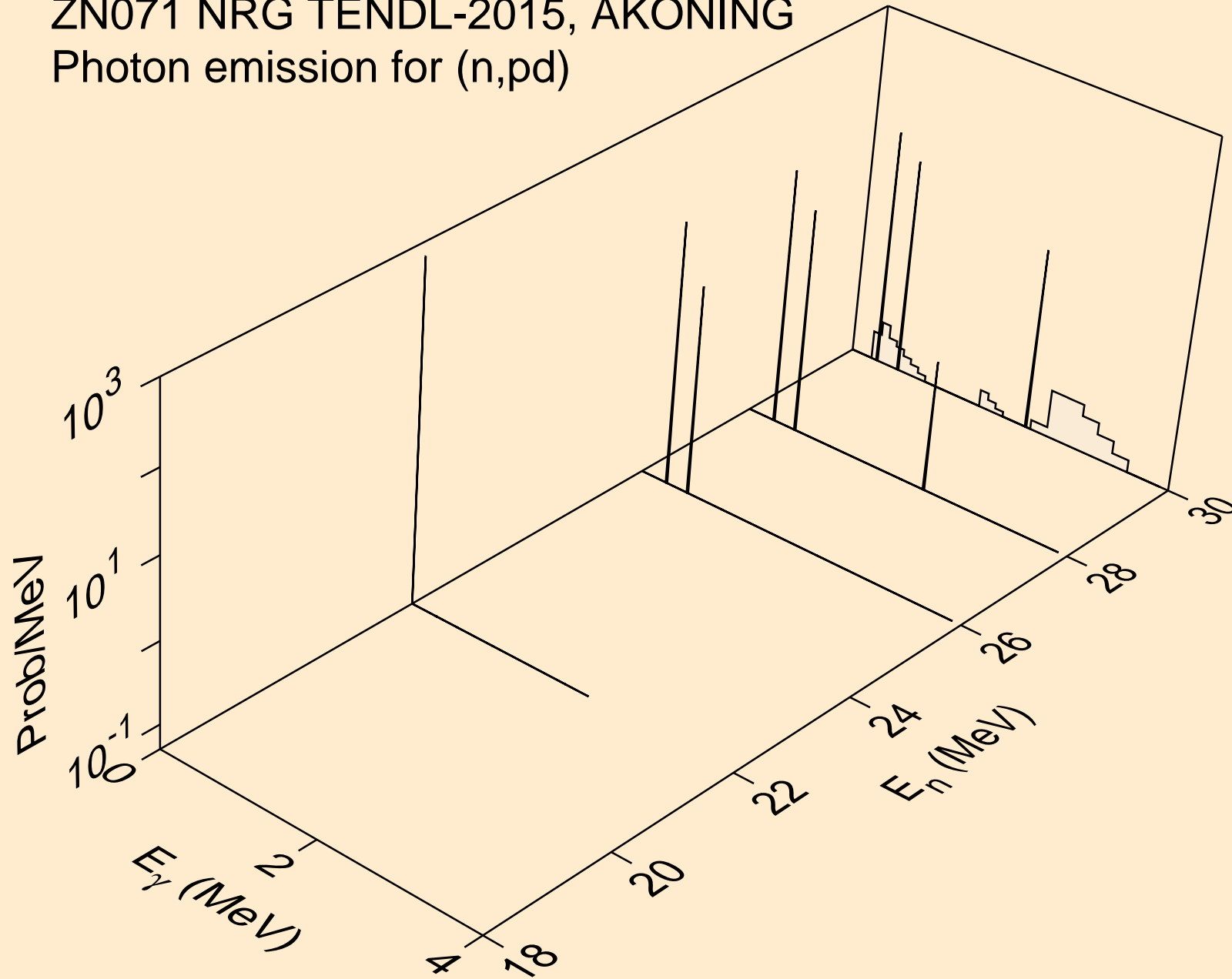
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Photon emission for (n,2p)



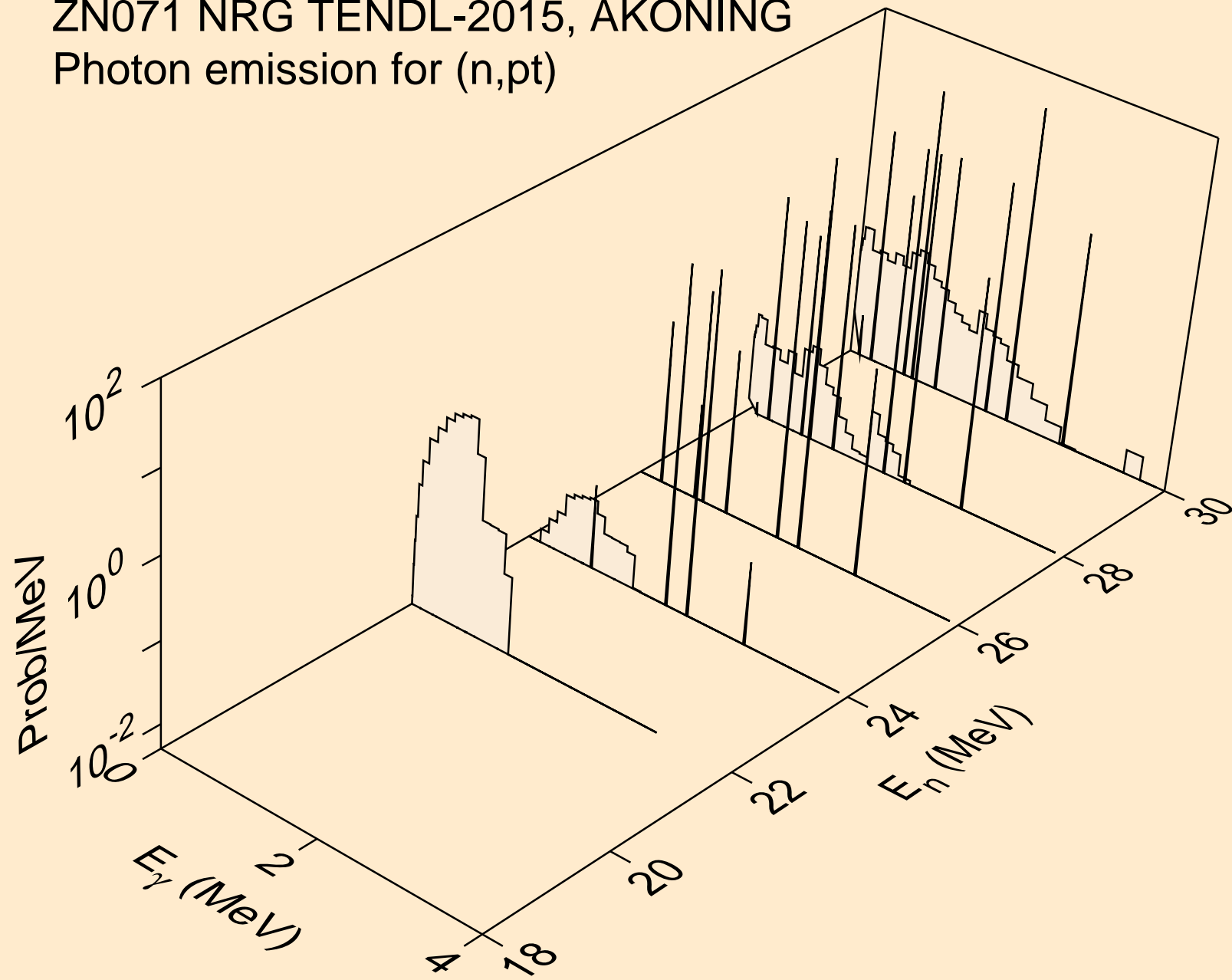
ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

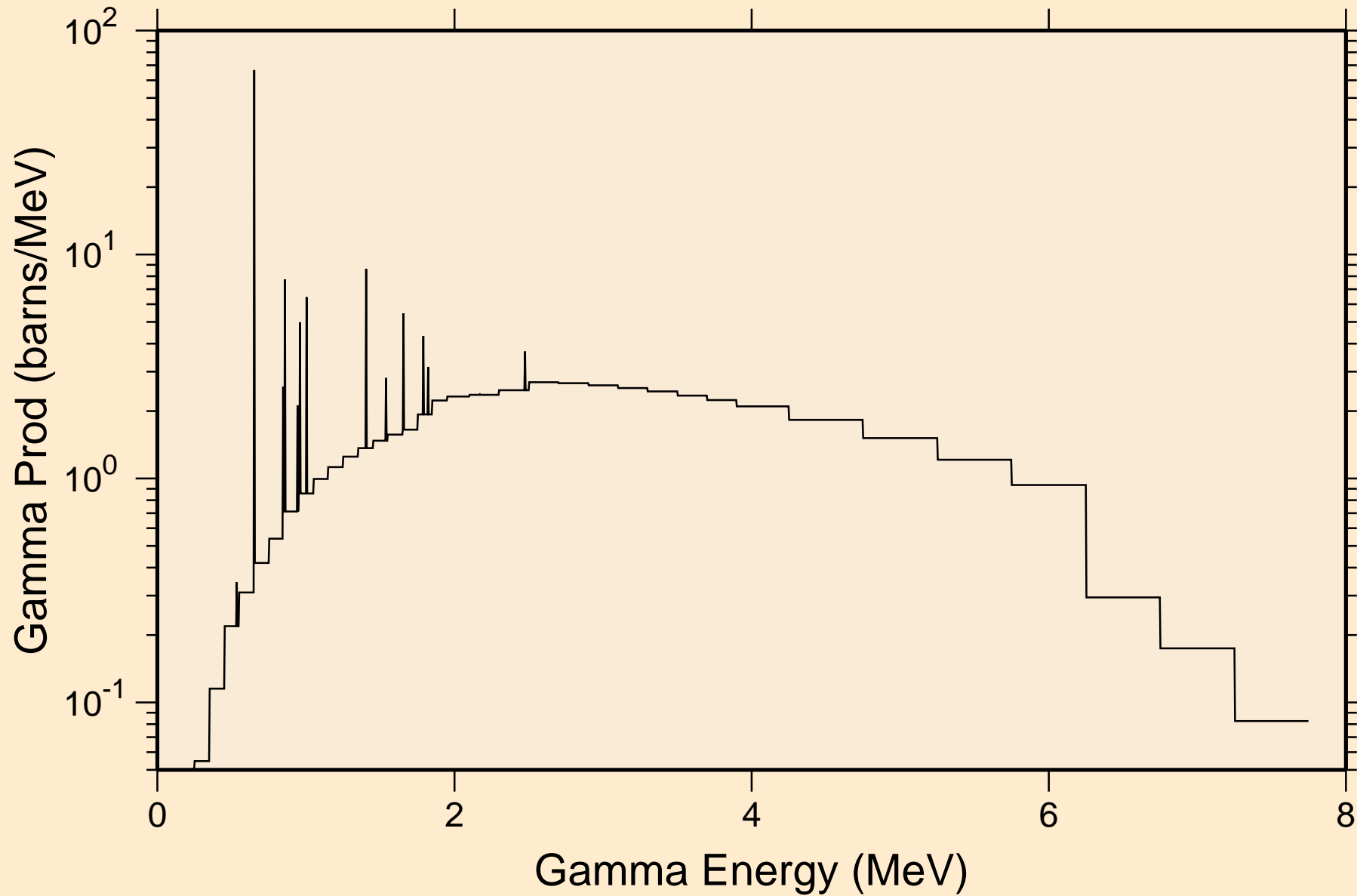


ZN071 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

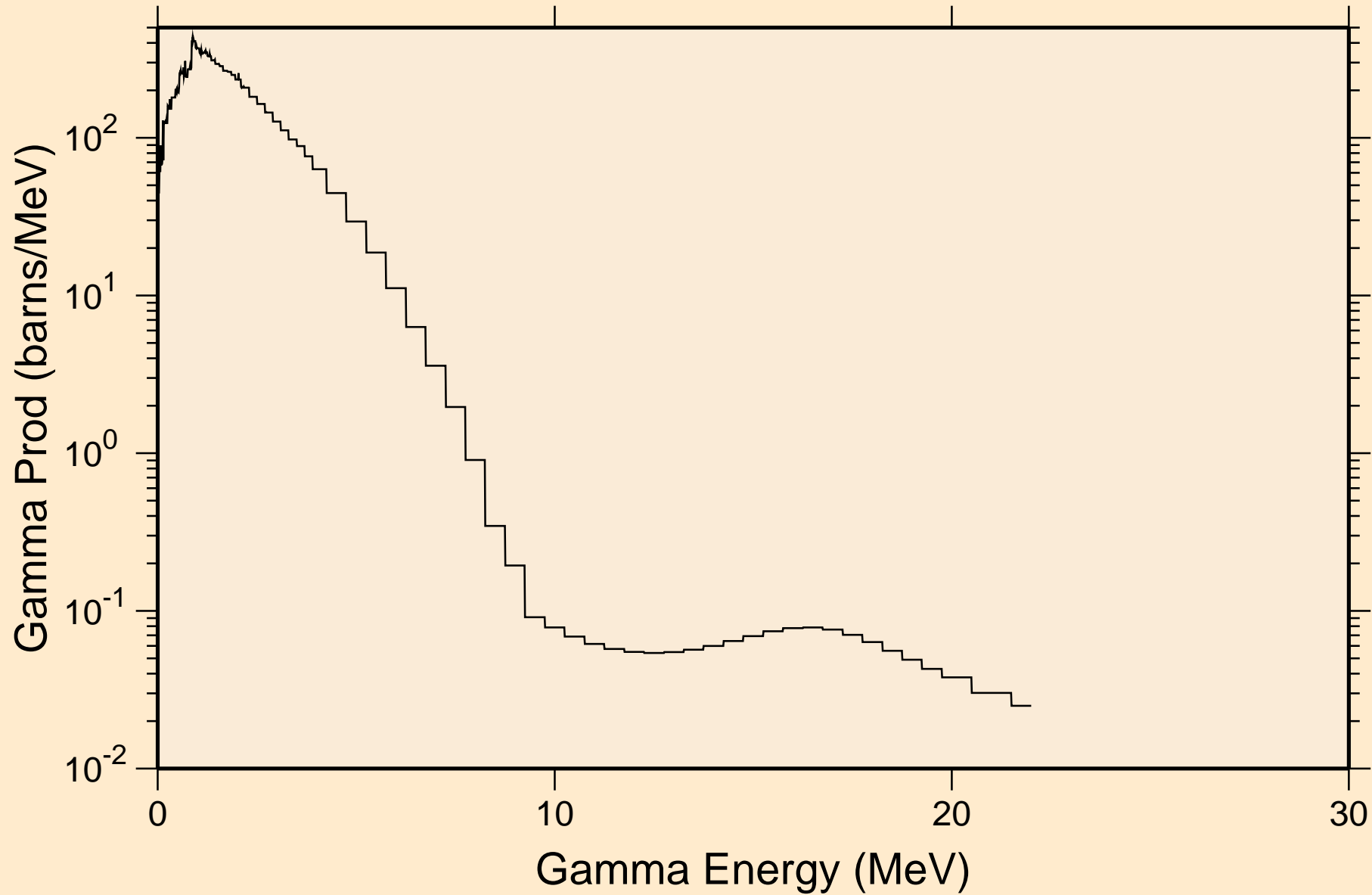




ZN071 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

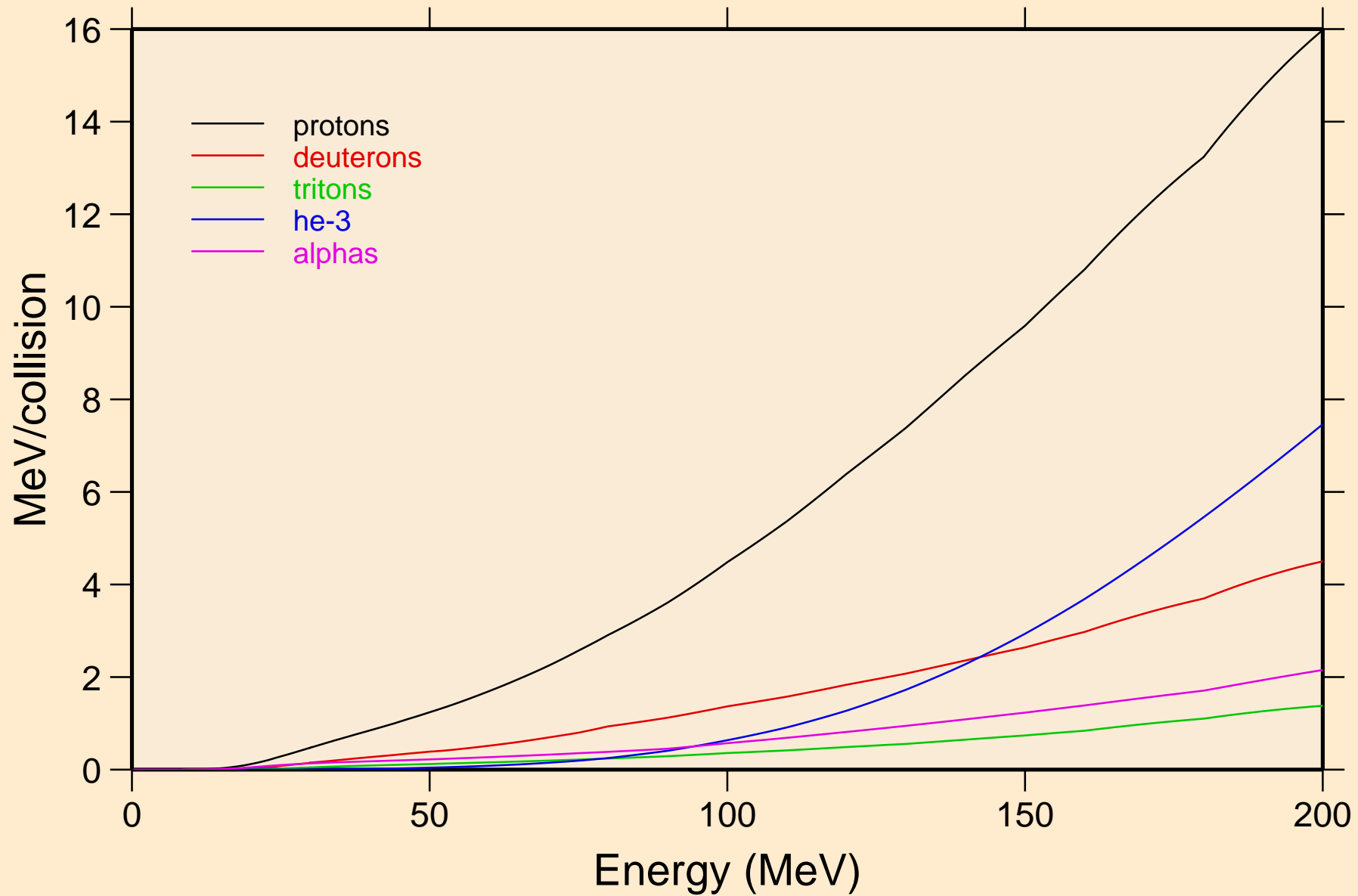


ZN071 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



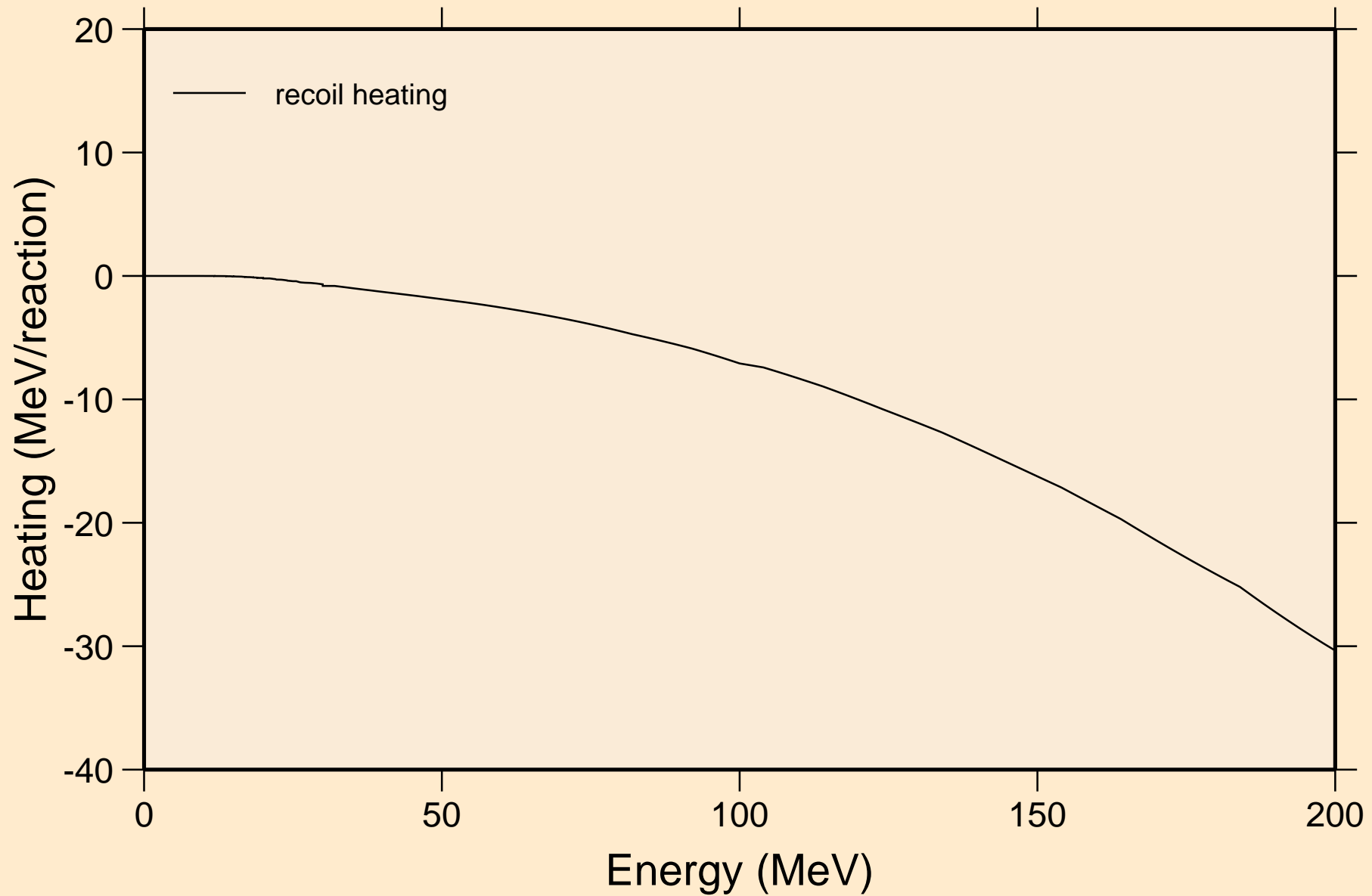
# ZN071 NRG TENDL-2015, AKONING

## Particle heating contributions



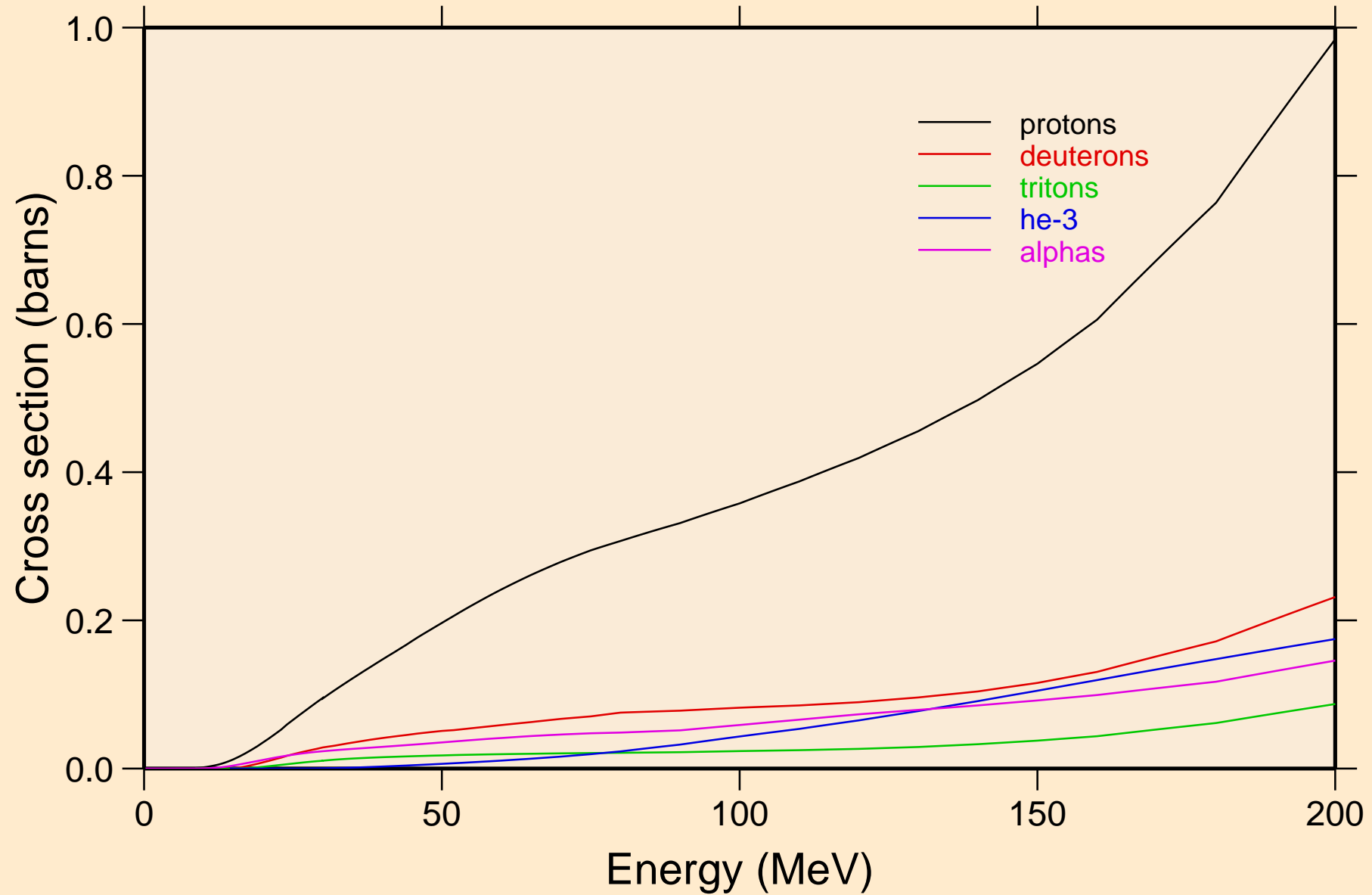
# ZN071 NRG TENDL-2015, AKONING

## Recoil Heating

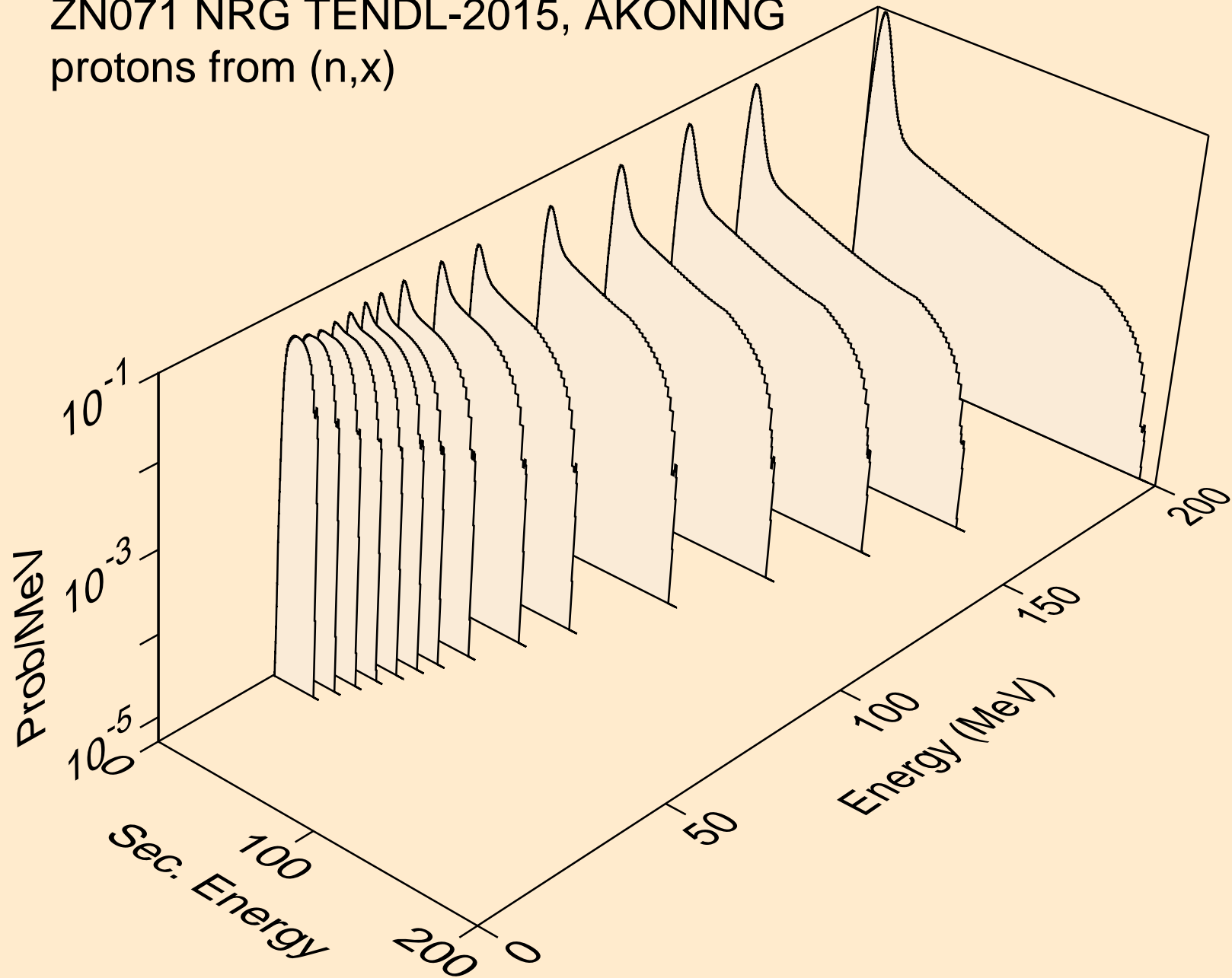


# ZN071 NRG TENDL-2015, AKONING

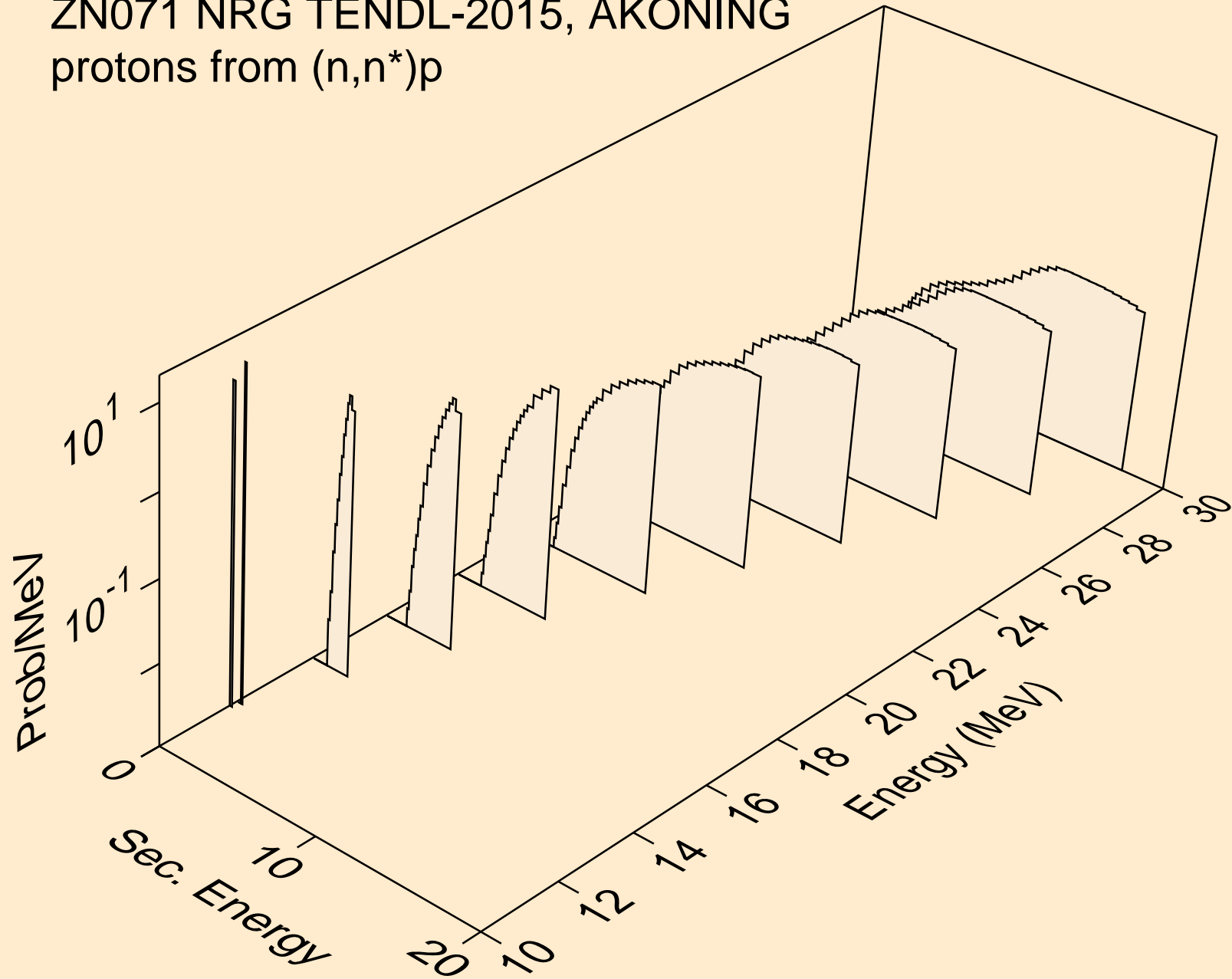
## Particle production cross sections



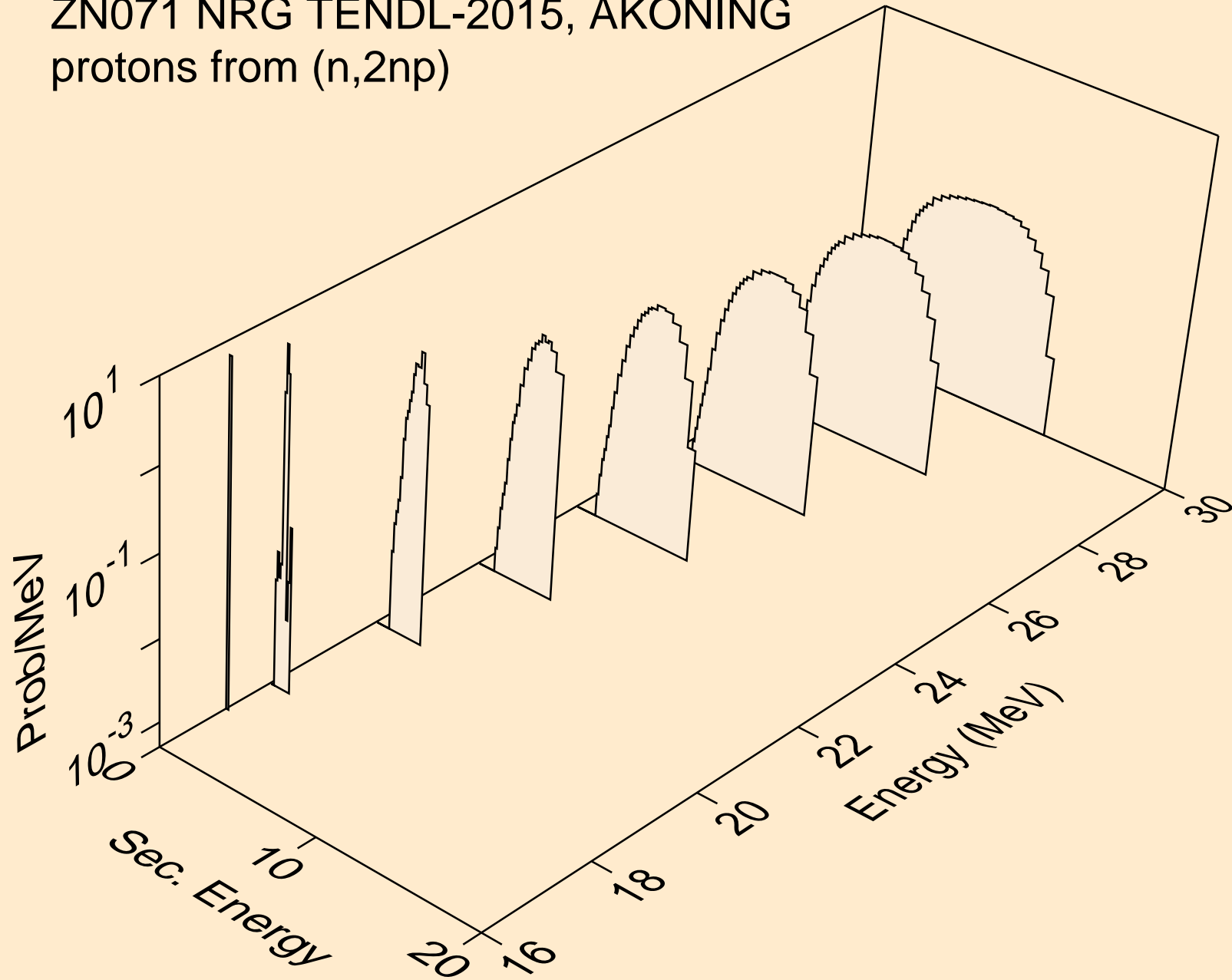
ZN071 NRG TENDL-2015, AKONING  
protons from (n,x)



ZN071 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

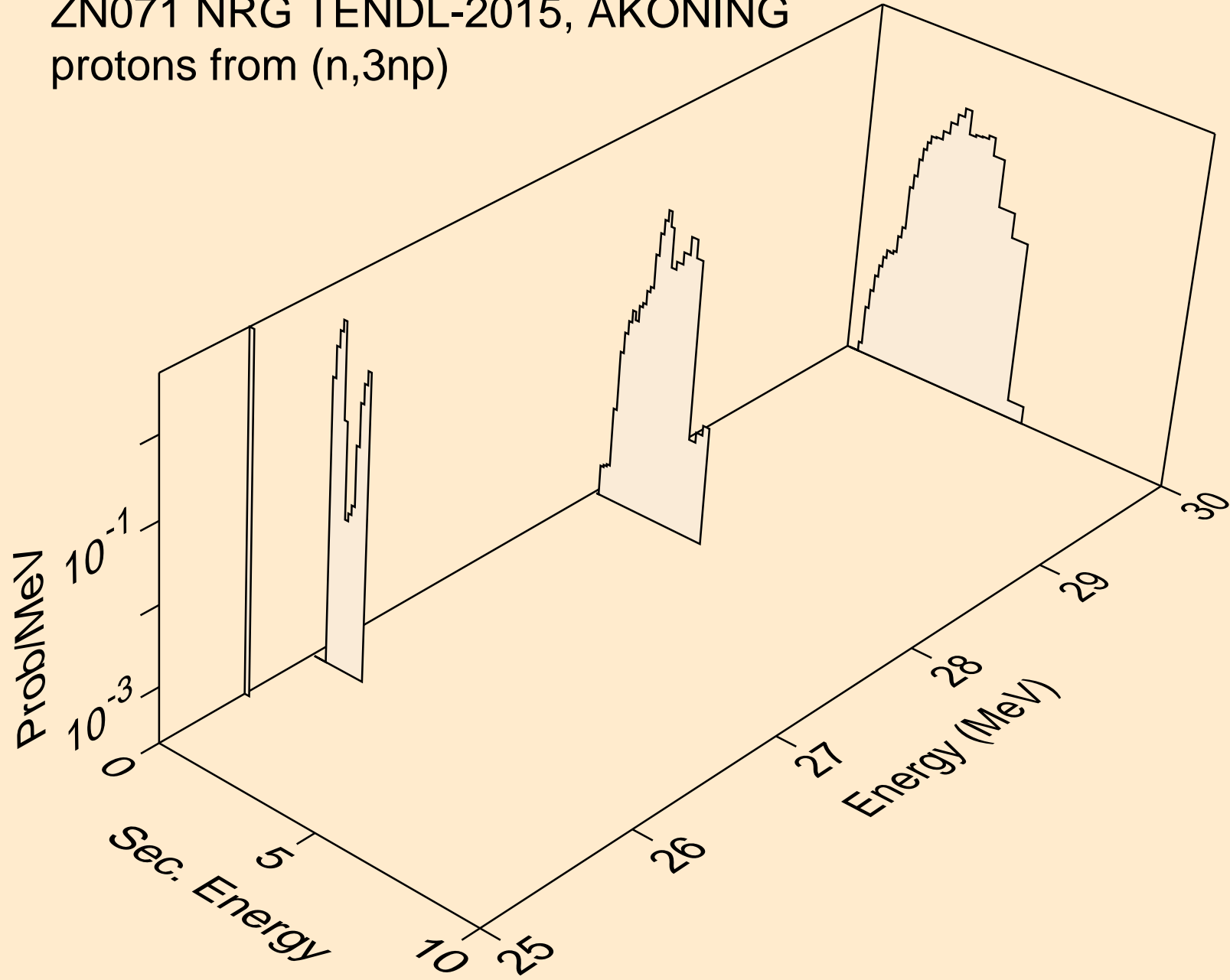


ZN071 NRG TENDL-2015, AKONING  
protons from (n,2np)

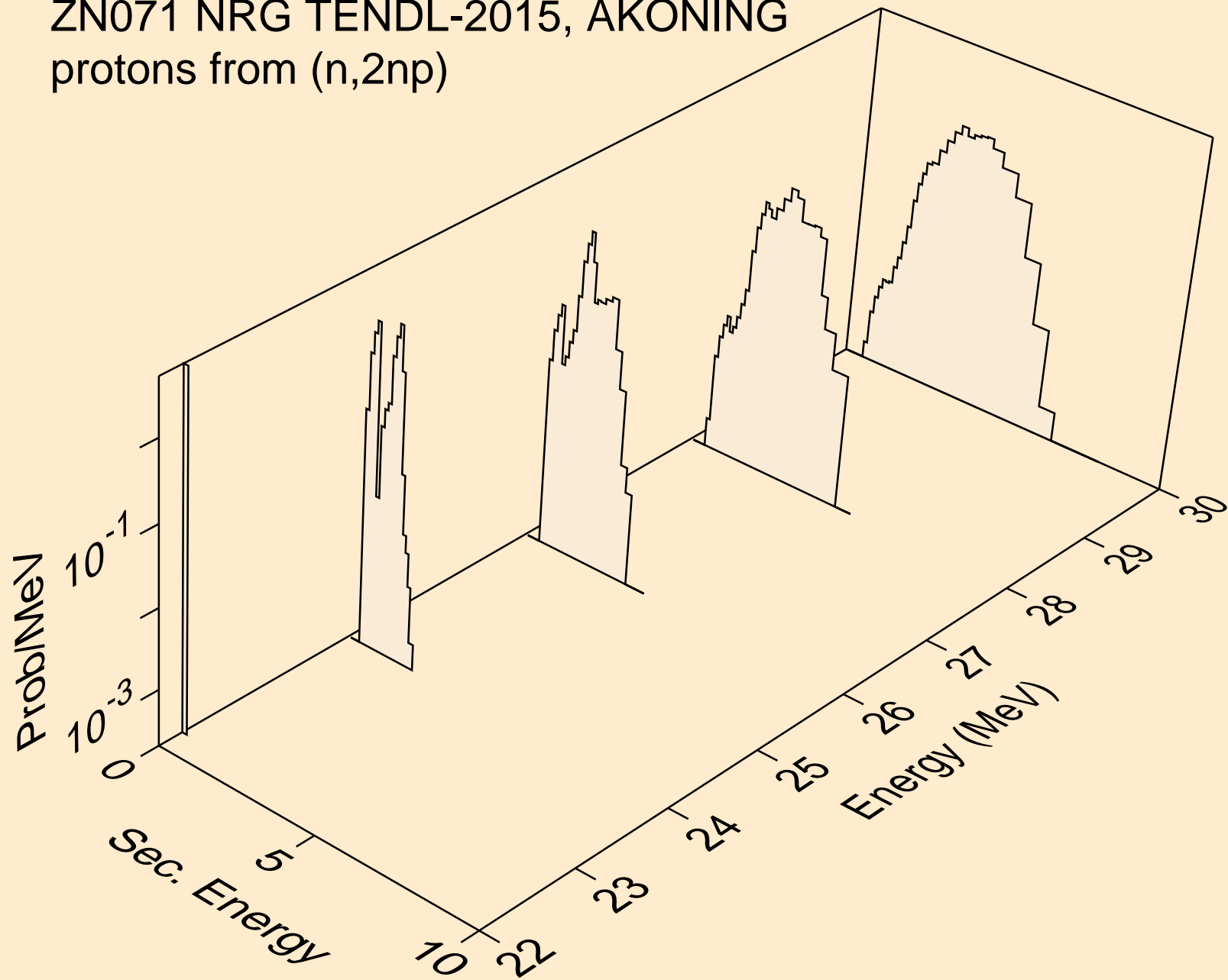




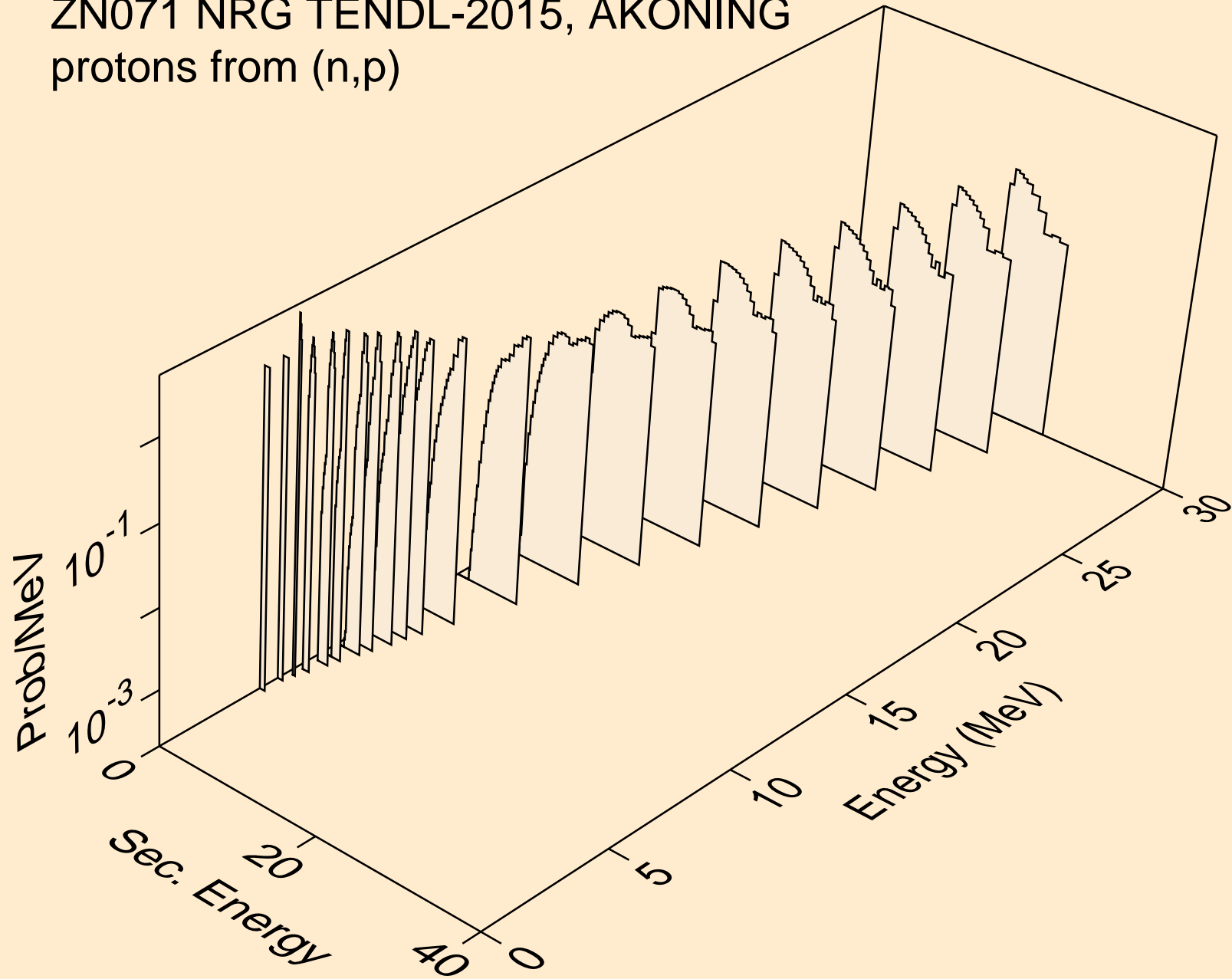
ZN071 NRG TENDL-2015, AKONING  
protons from (n,3np)



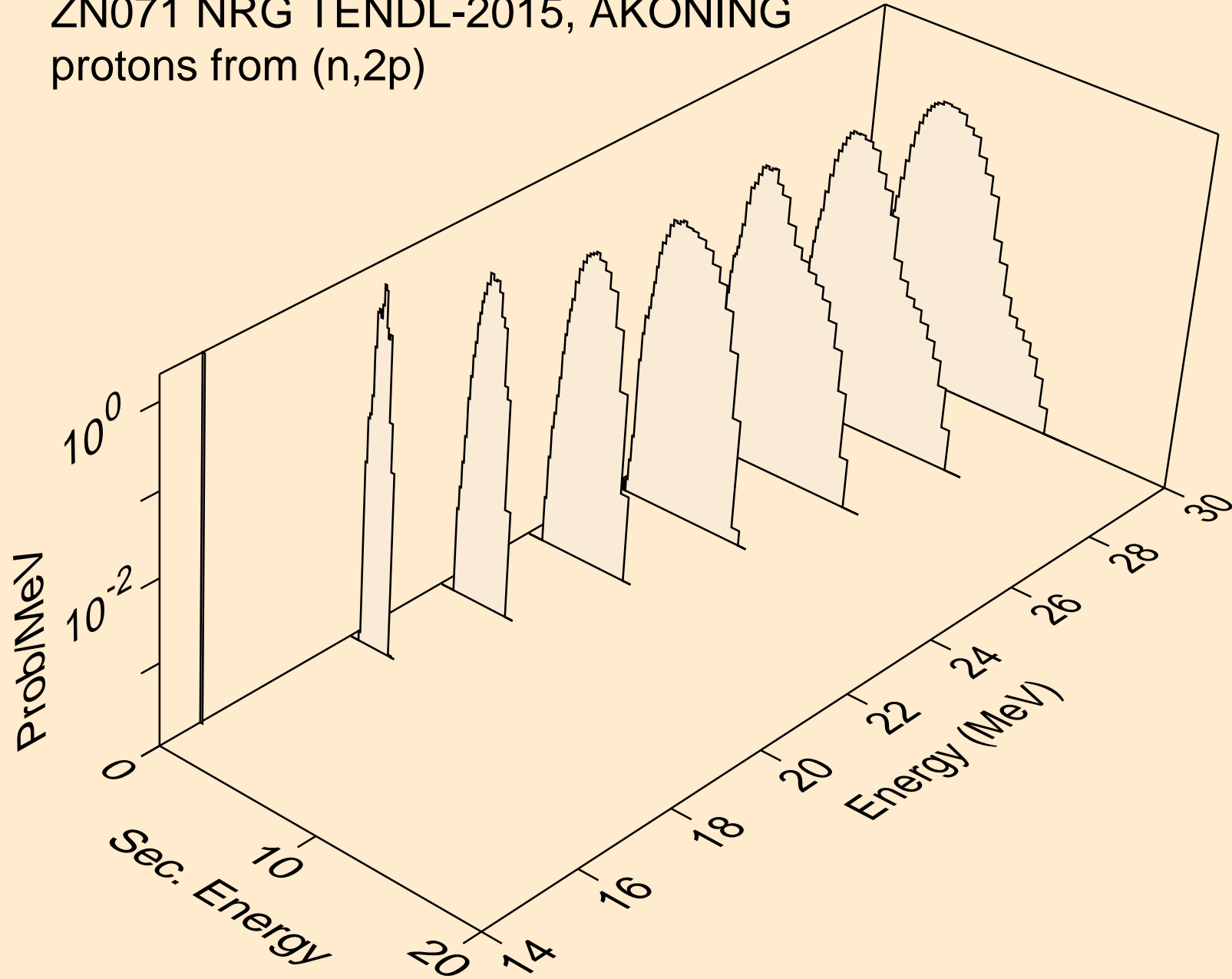
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protons from (n,2np)



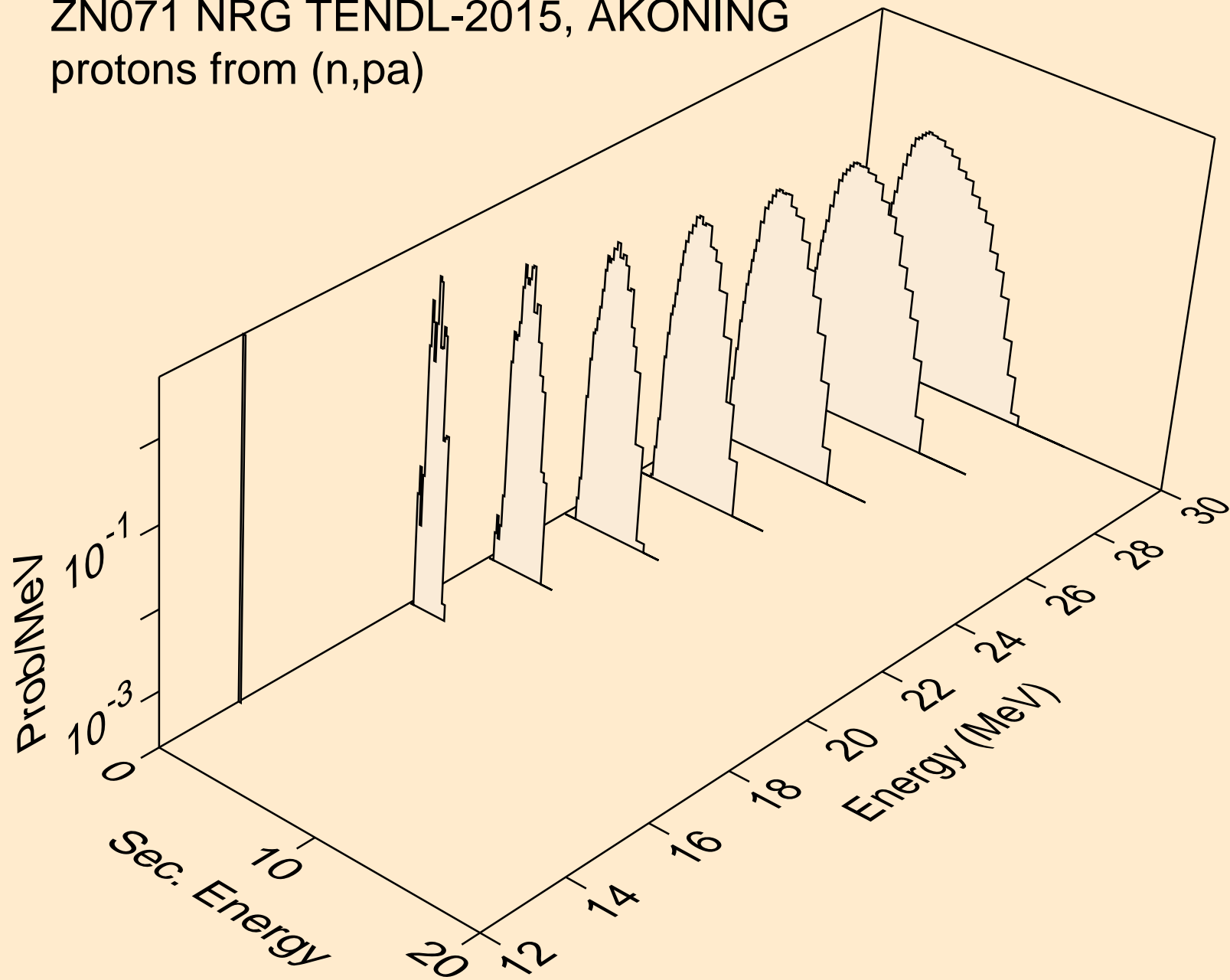
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protons from (n,p)



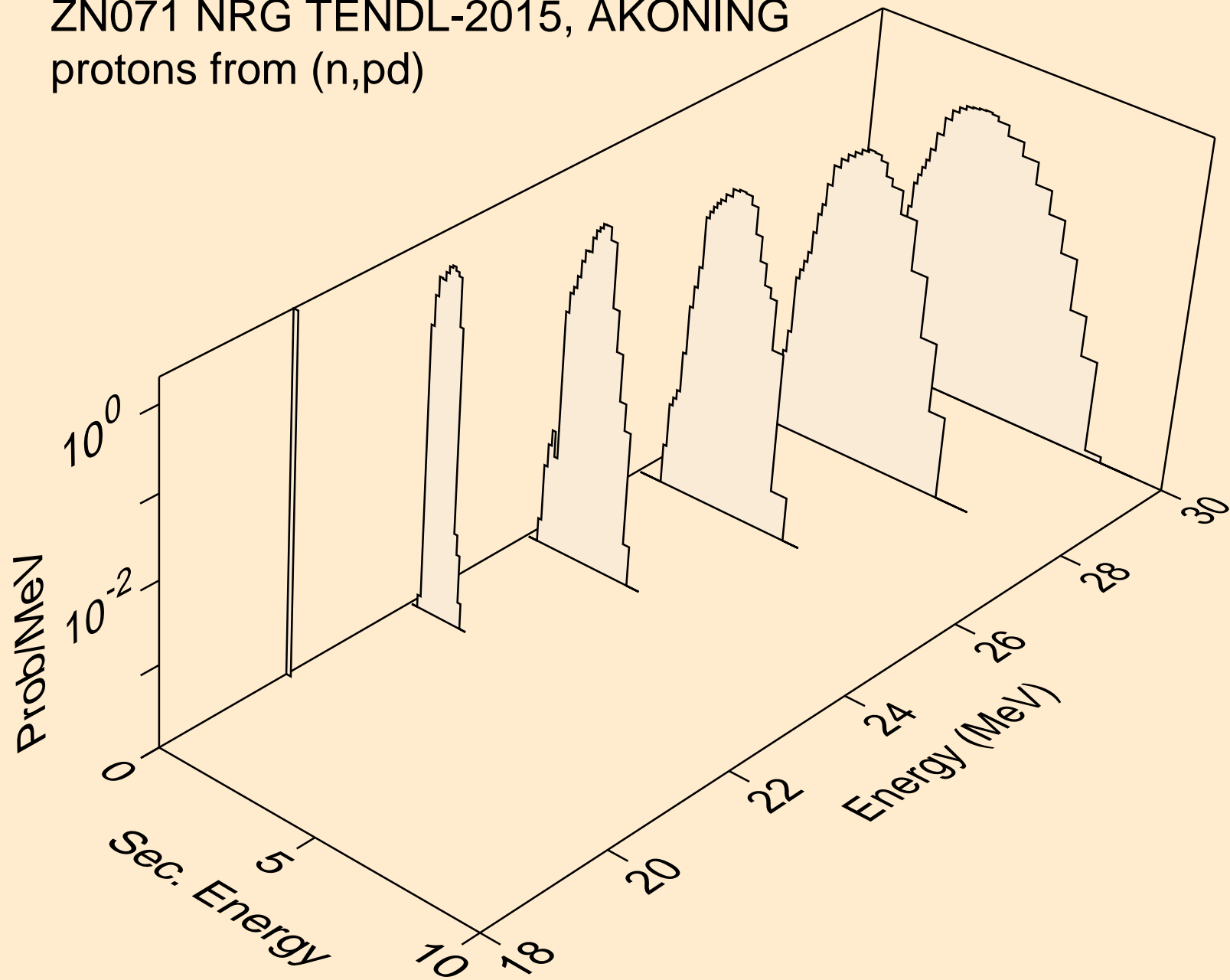
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protons from (n,2p)



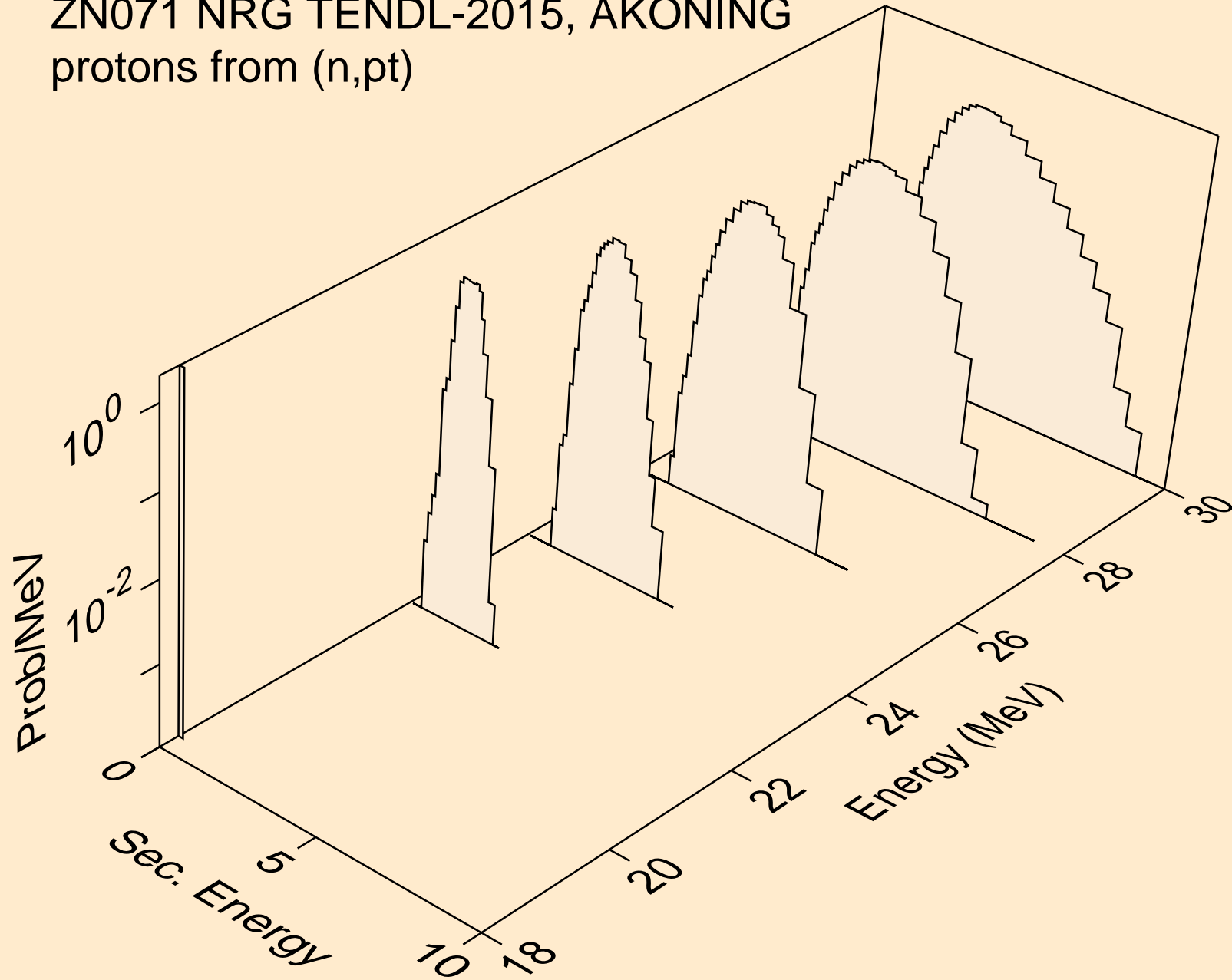
ZN071 NRG TENDL-2015, AKONING  
protons from (n,pa)



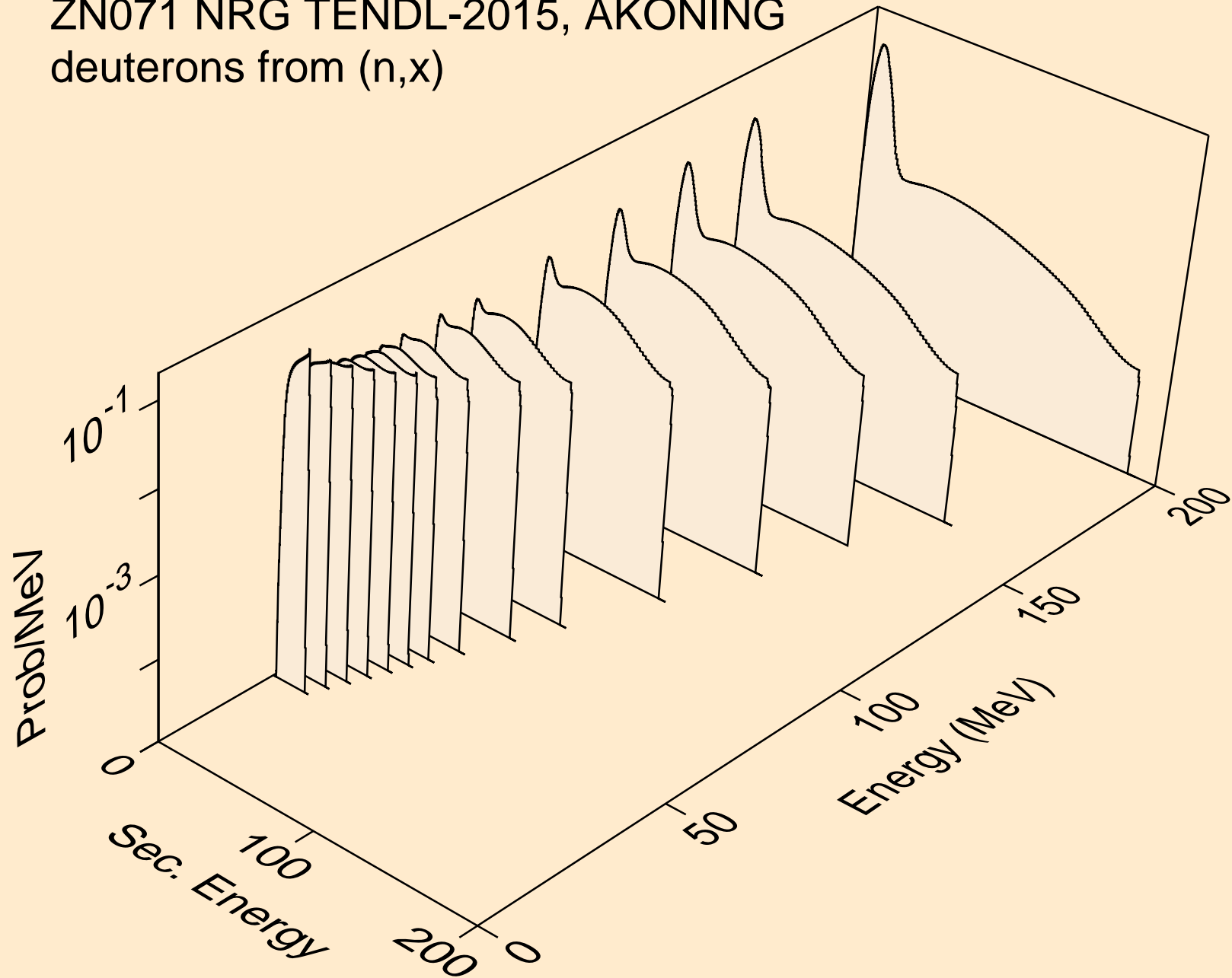
ZN071 NRG TENDL-2015, AKONING  
protons from (n,pd)



ZN071 NRG TENDL-2015, AKONING  
protons from (n,pt)

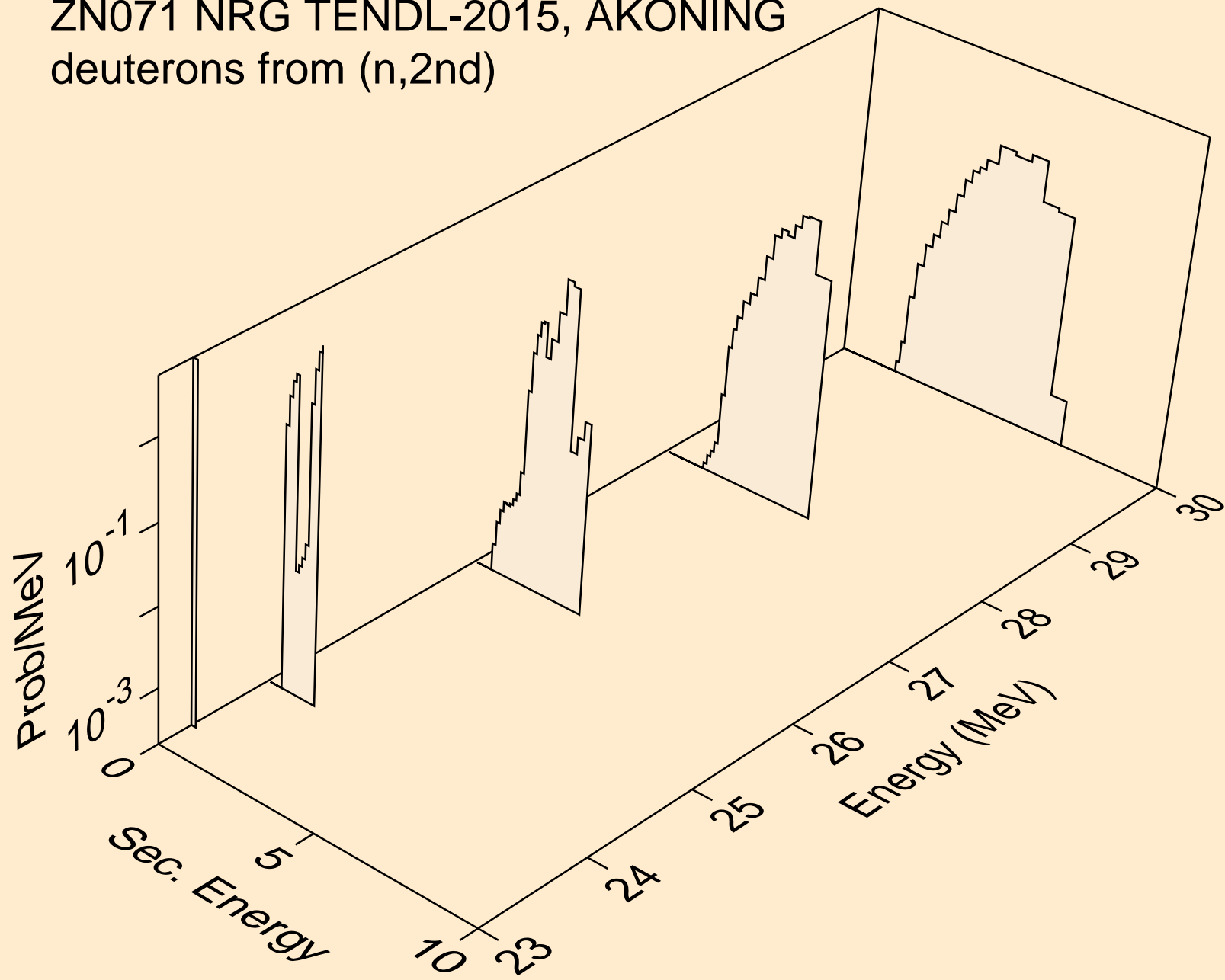


ZN071 NRG TENDL-2015, AKONING  
deuterons from (n,x)

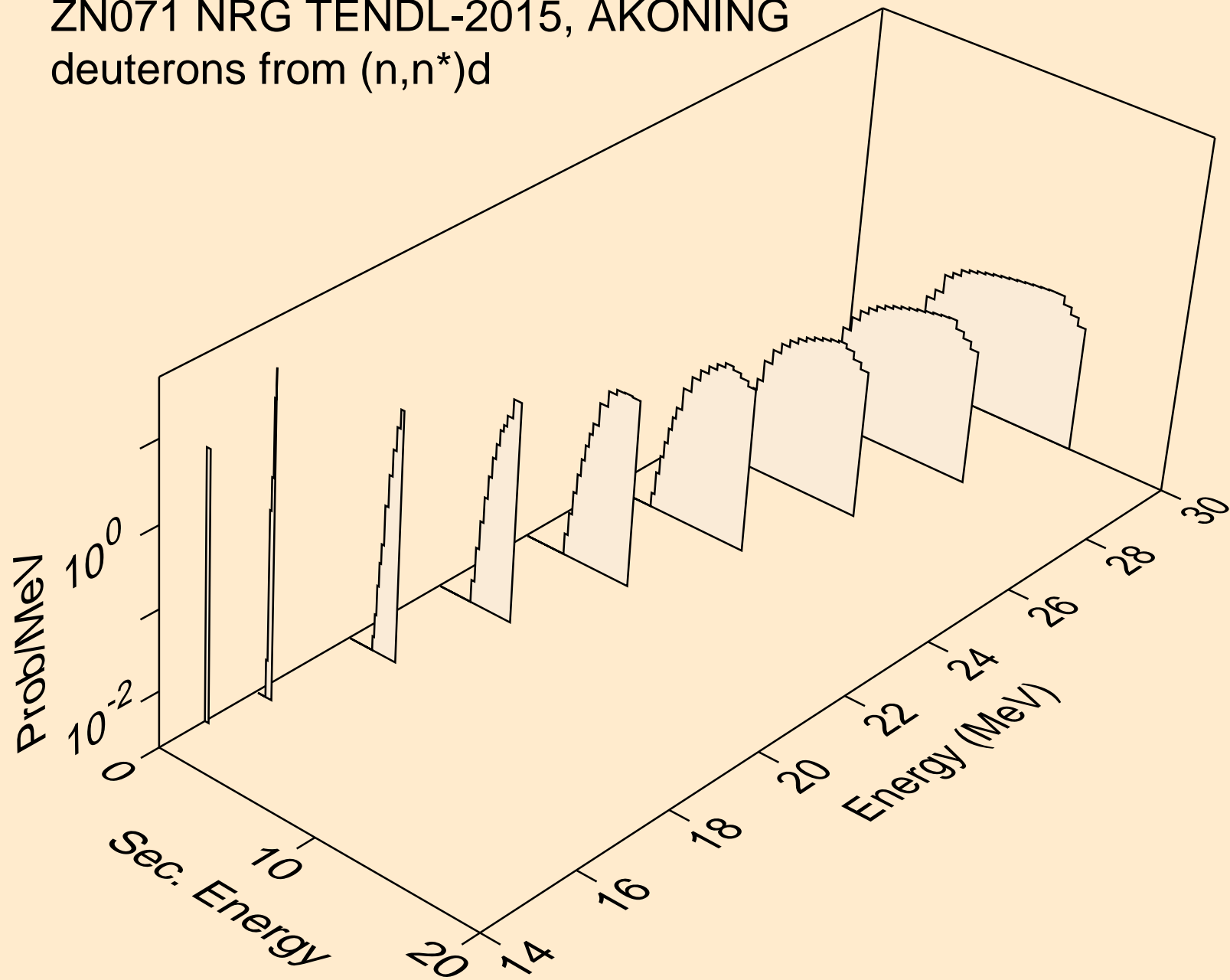




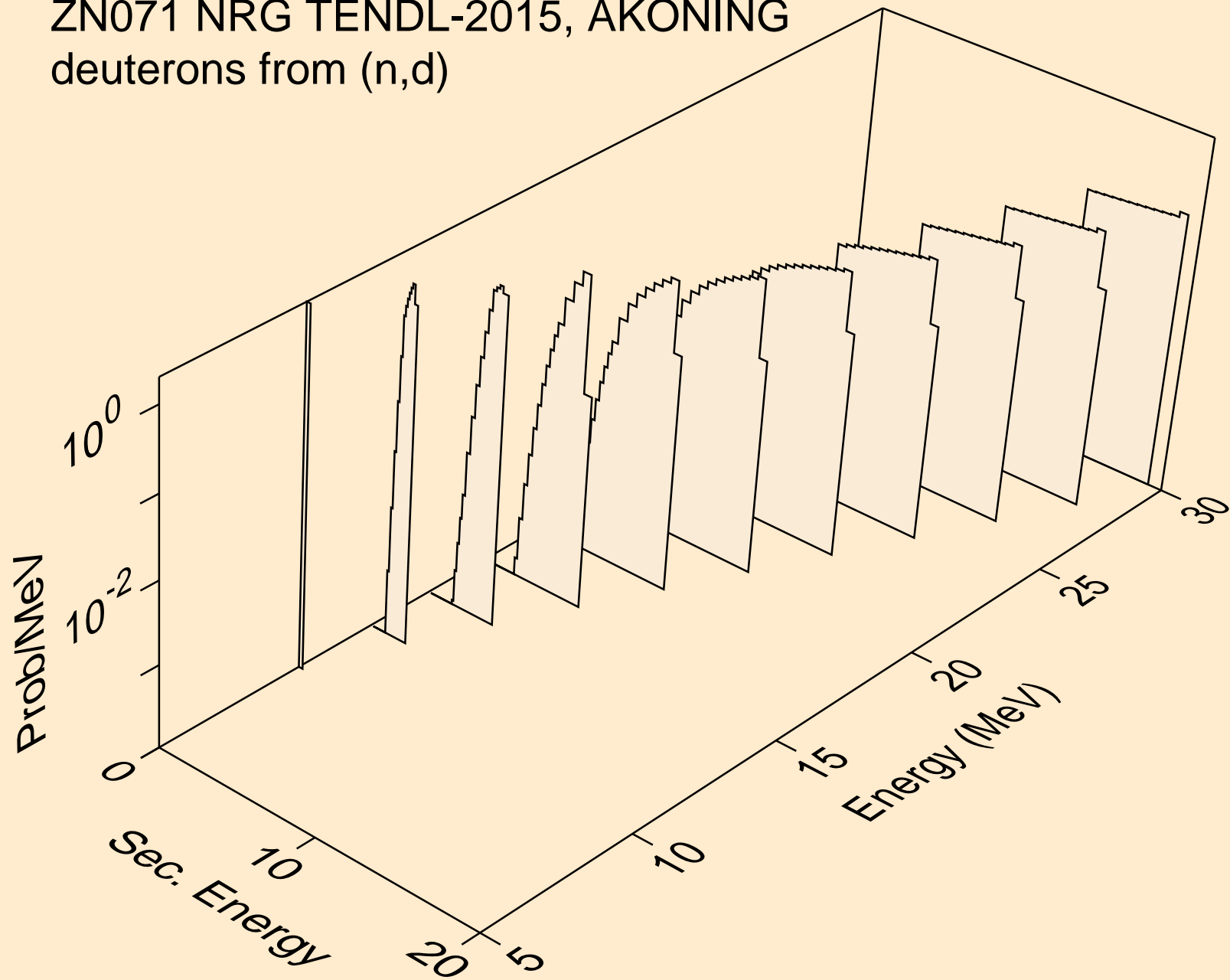
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deuterons from (n,2nd)



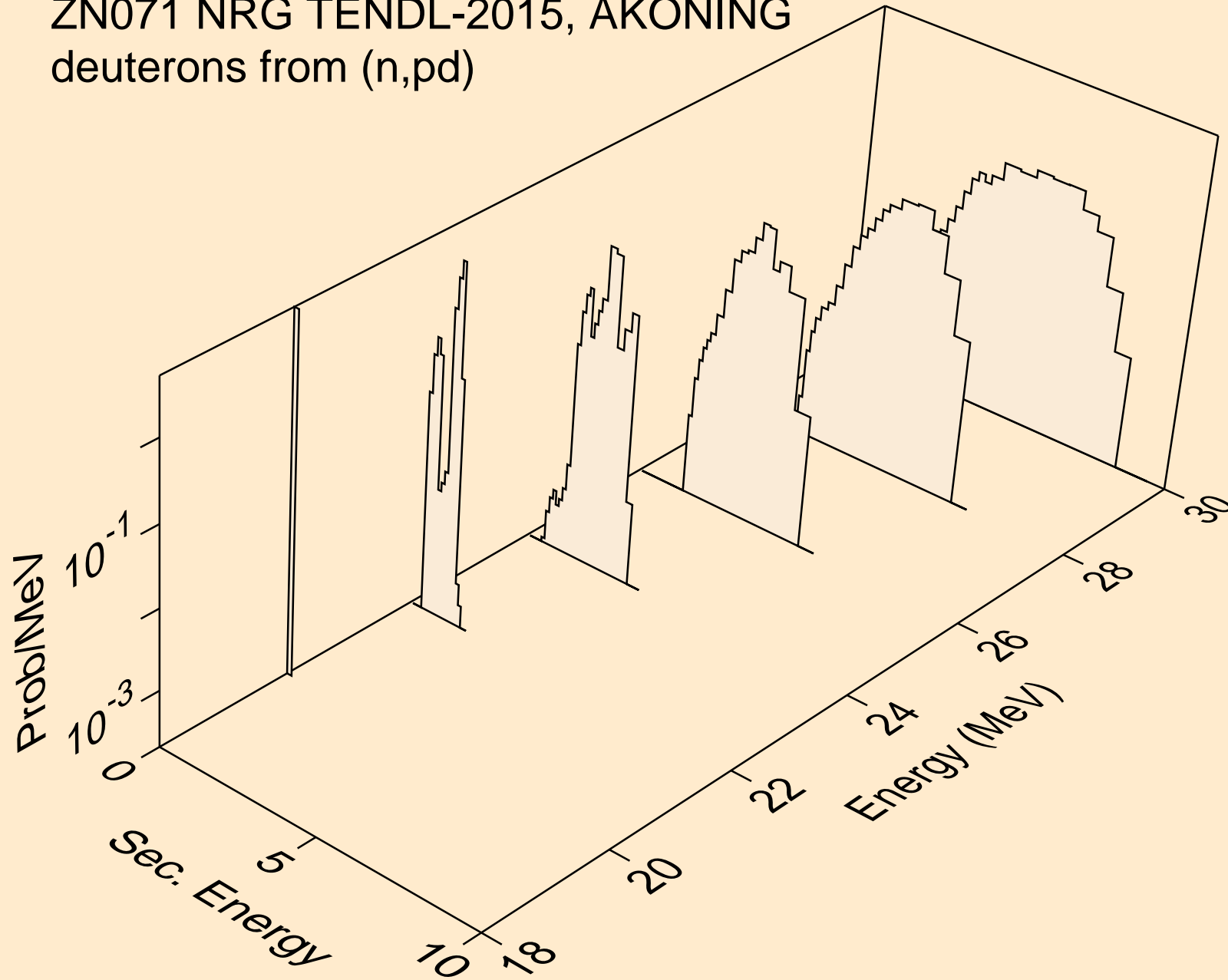
ZN071 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



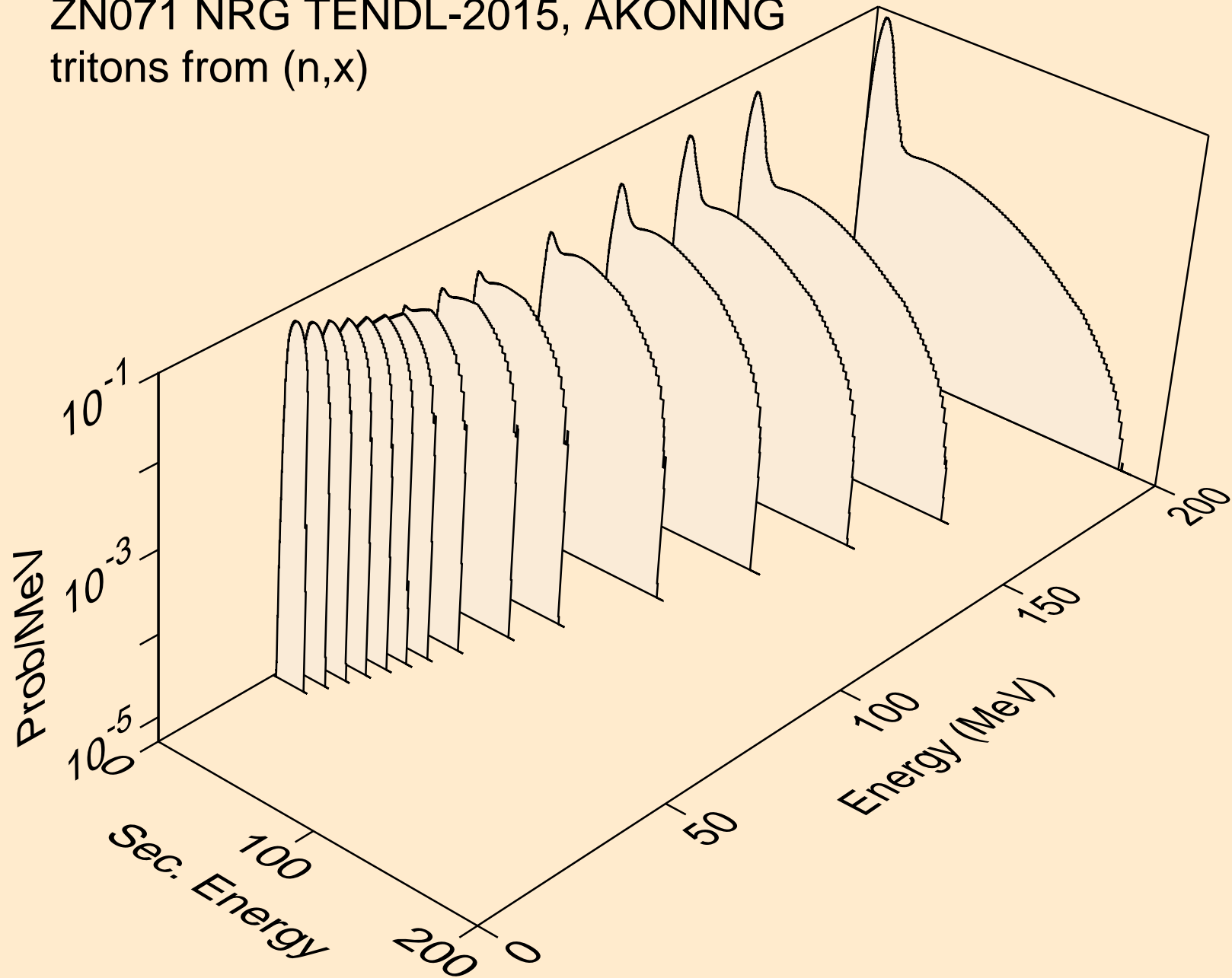
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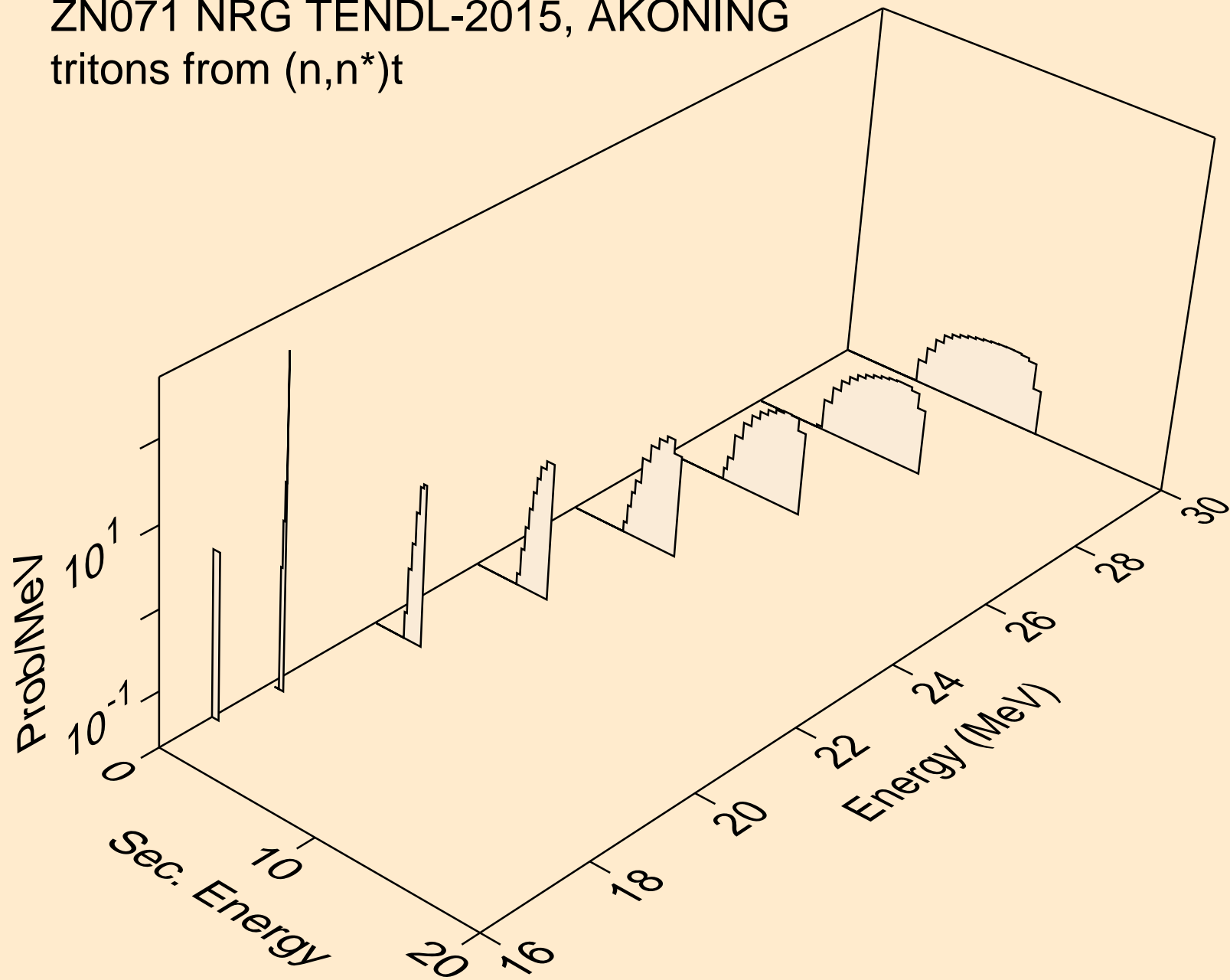
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deuterons from (n,pd)



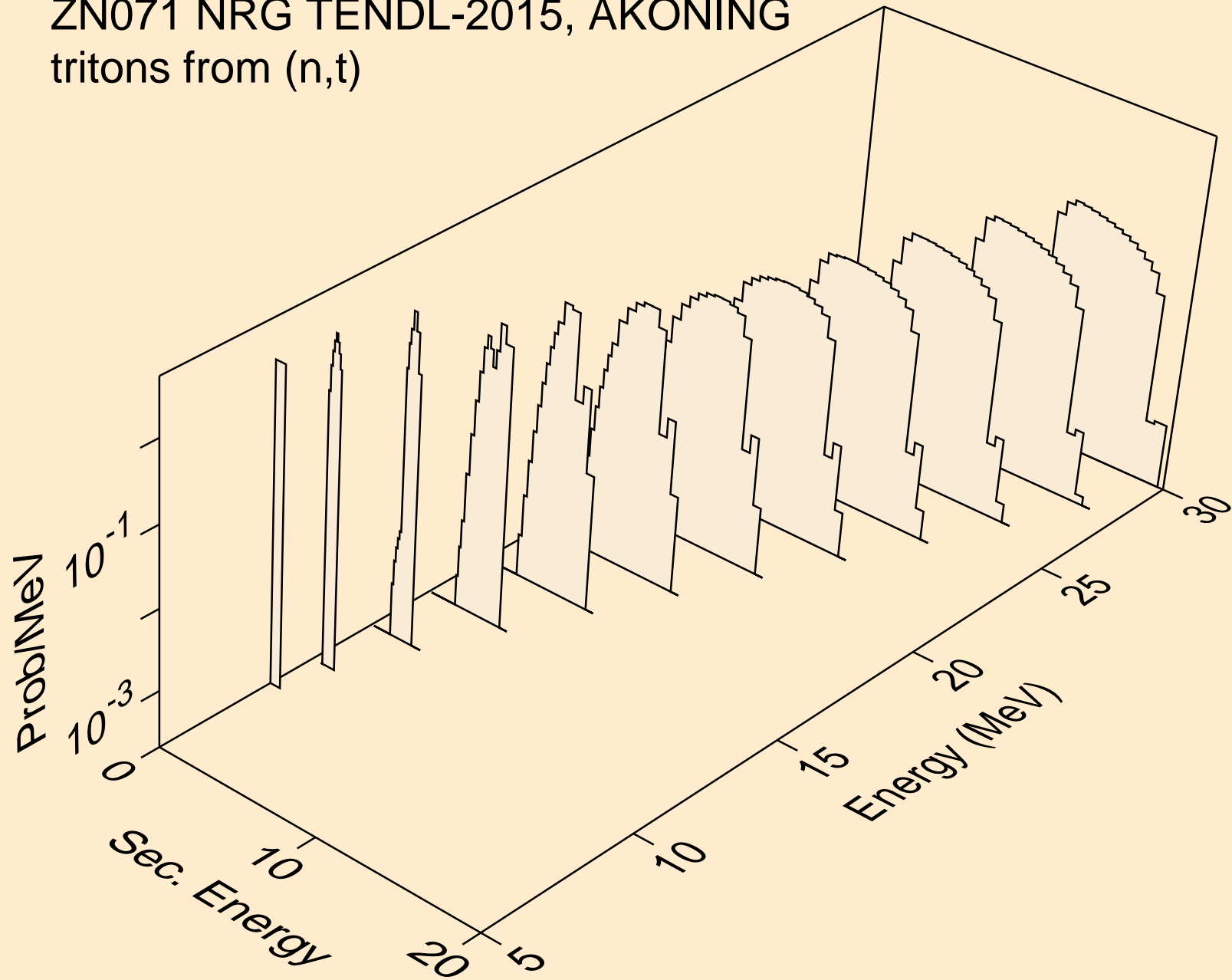
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tritons from (n,x)



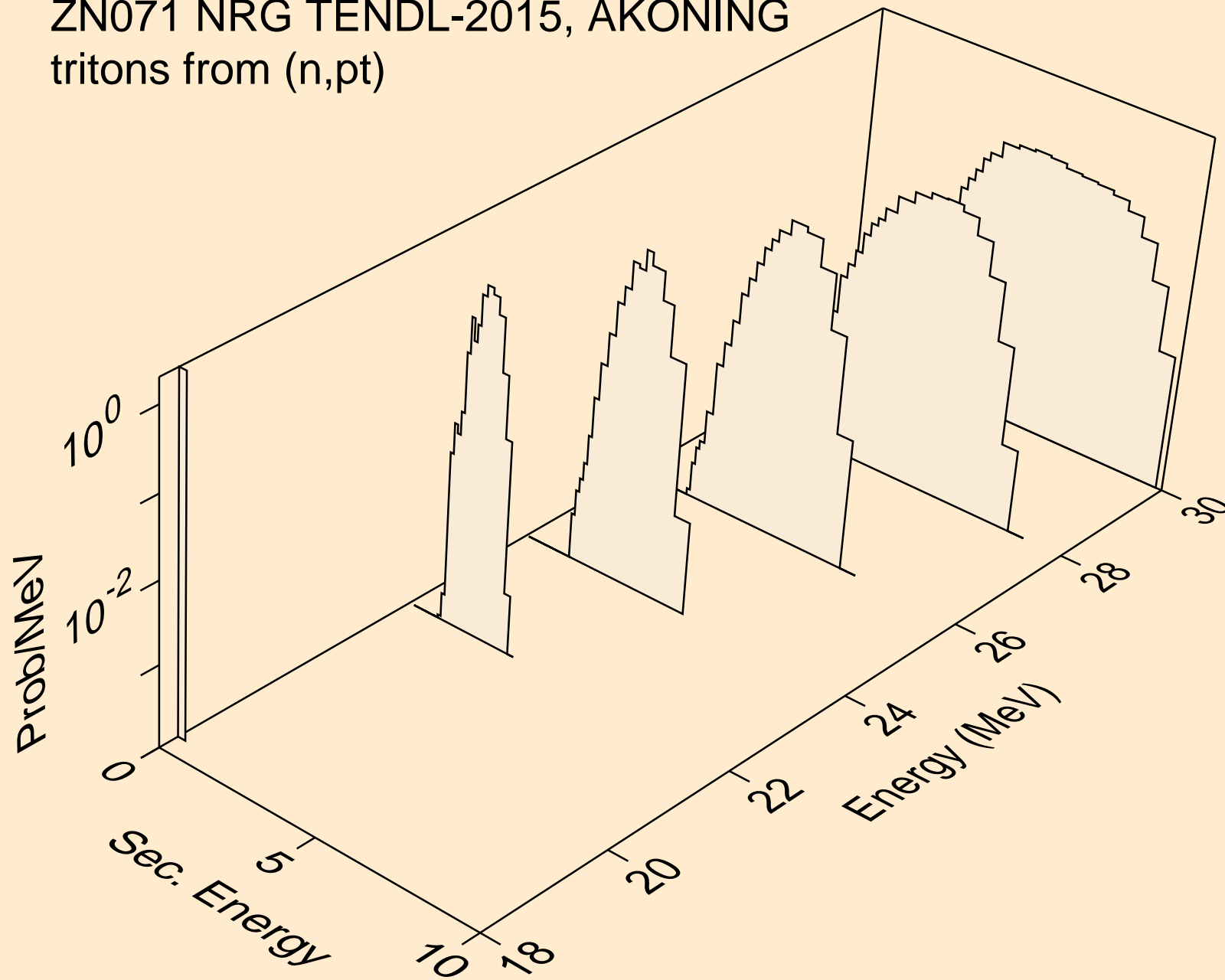
ZN071 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



ZN071 NRG TENDL-2015, AKONING  
tritons from (n,t)

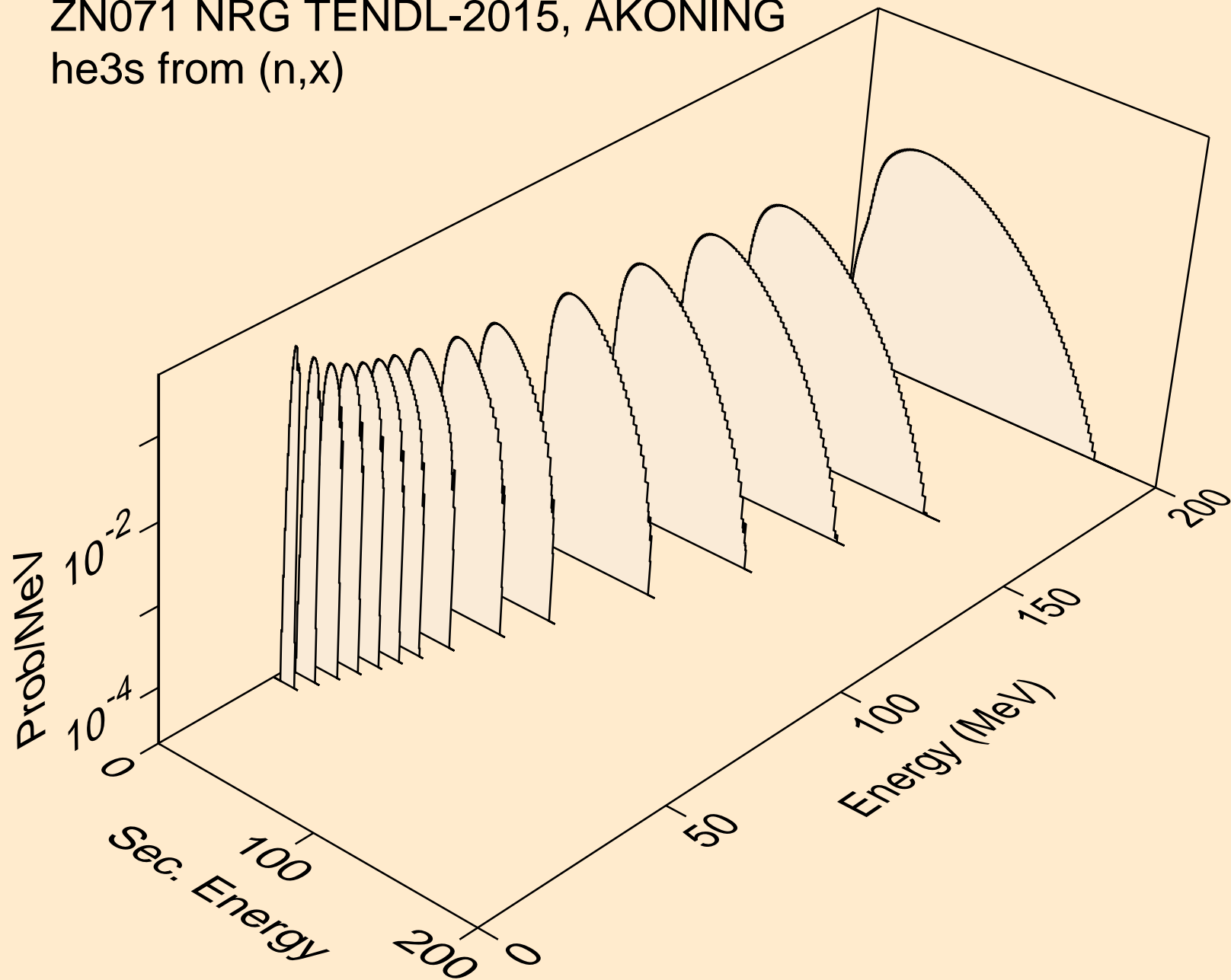


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tritons from (n,pt)

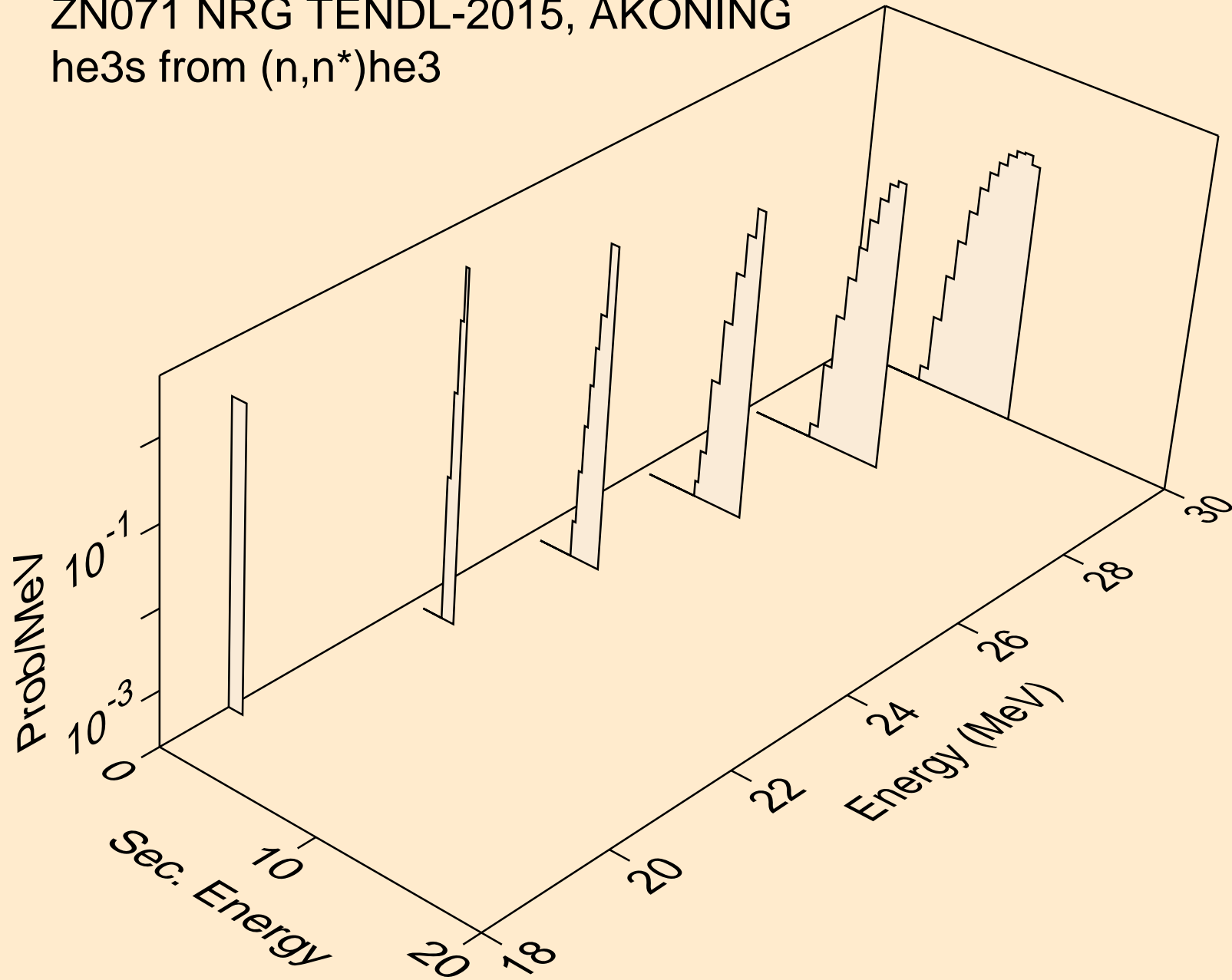




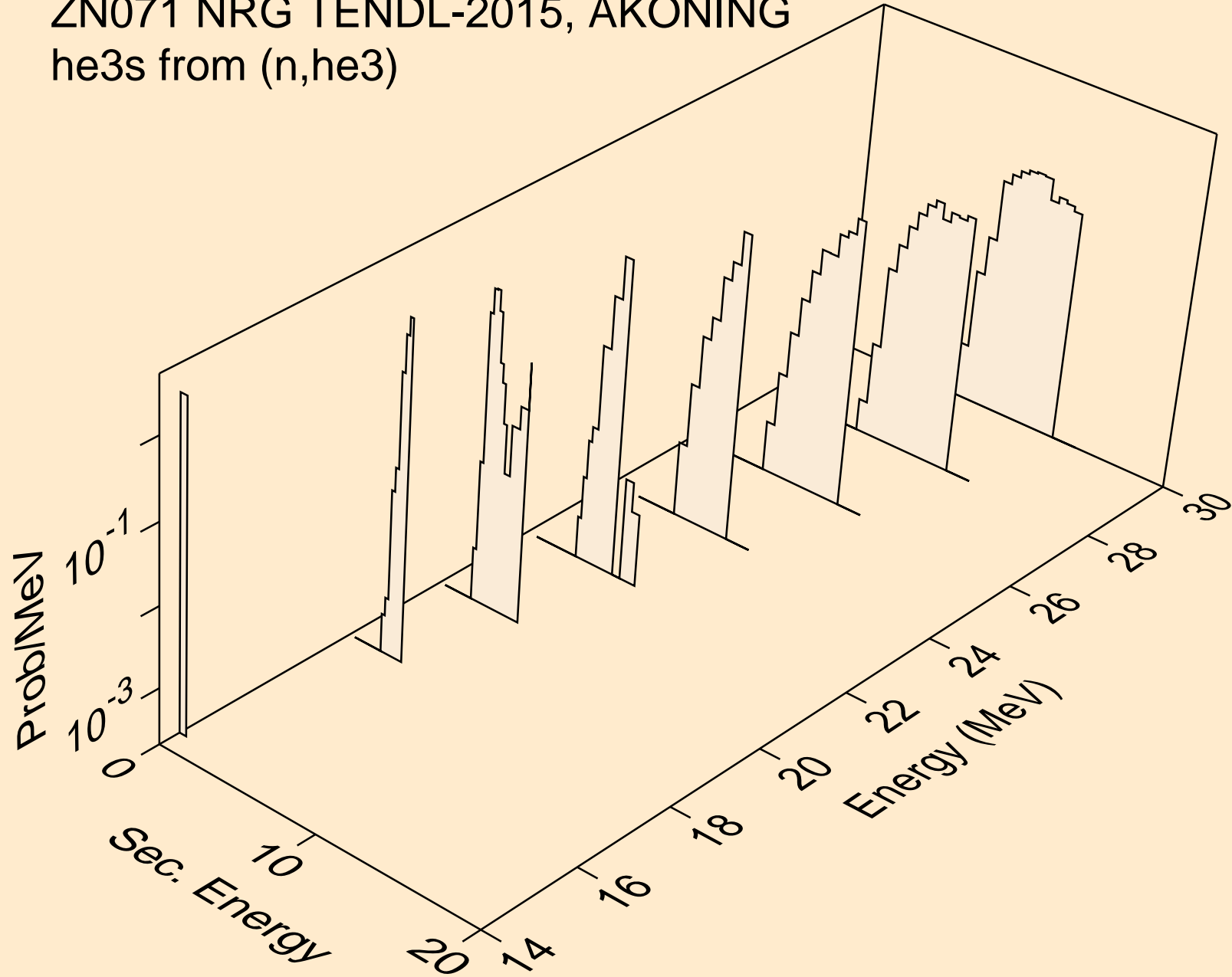
ZN071 NRG TENDL-2015, AKONING  
he3s from (n,x)



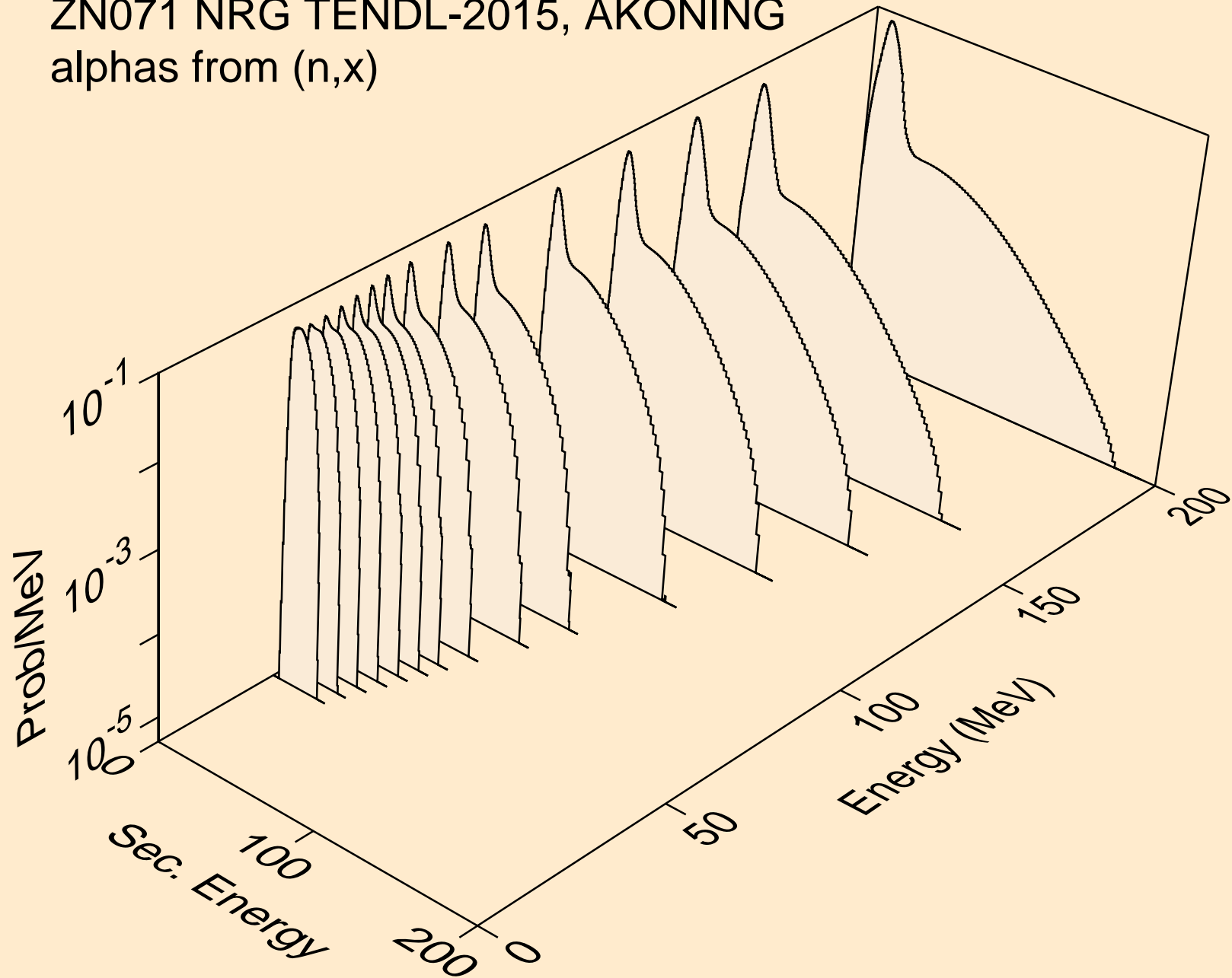
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he3s from (n,n\*)he3



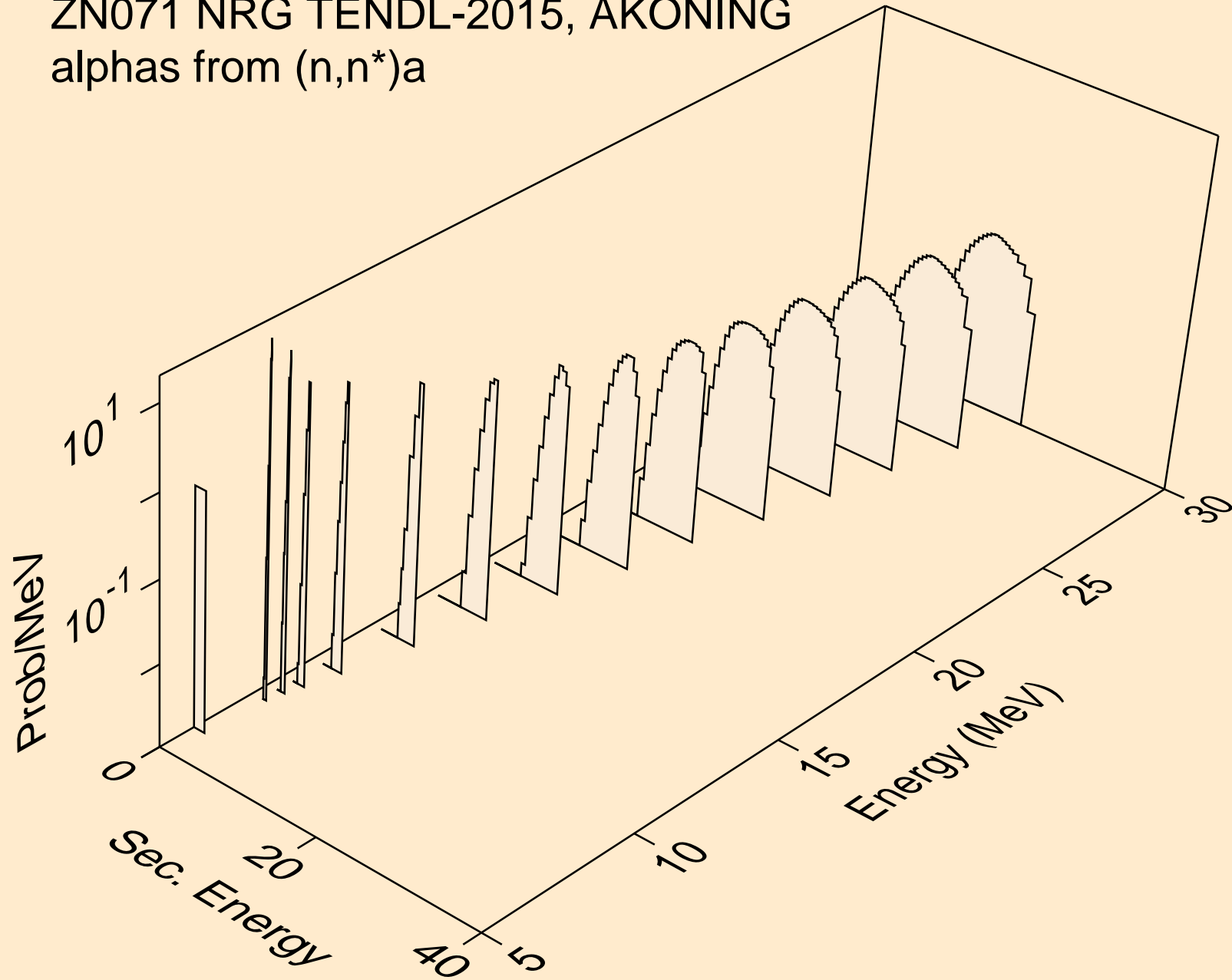
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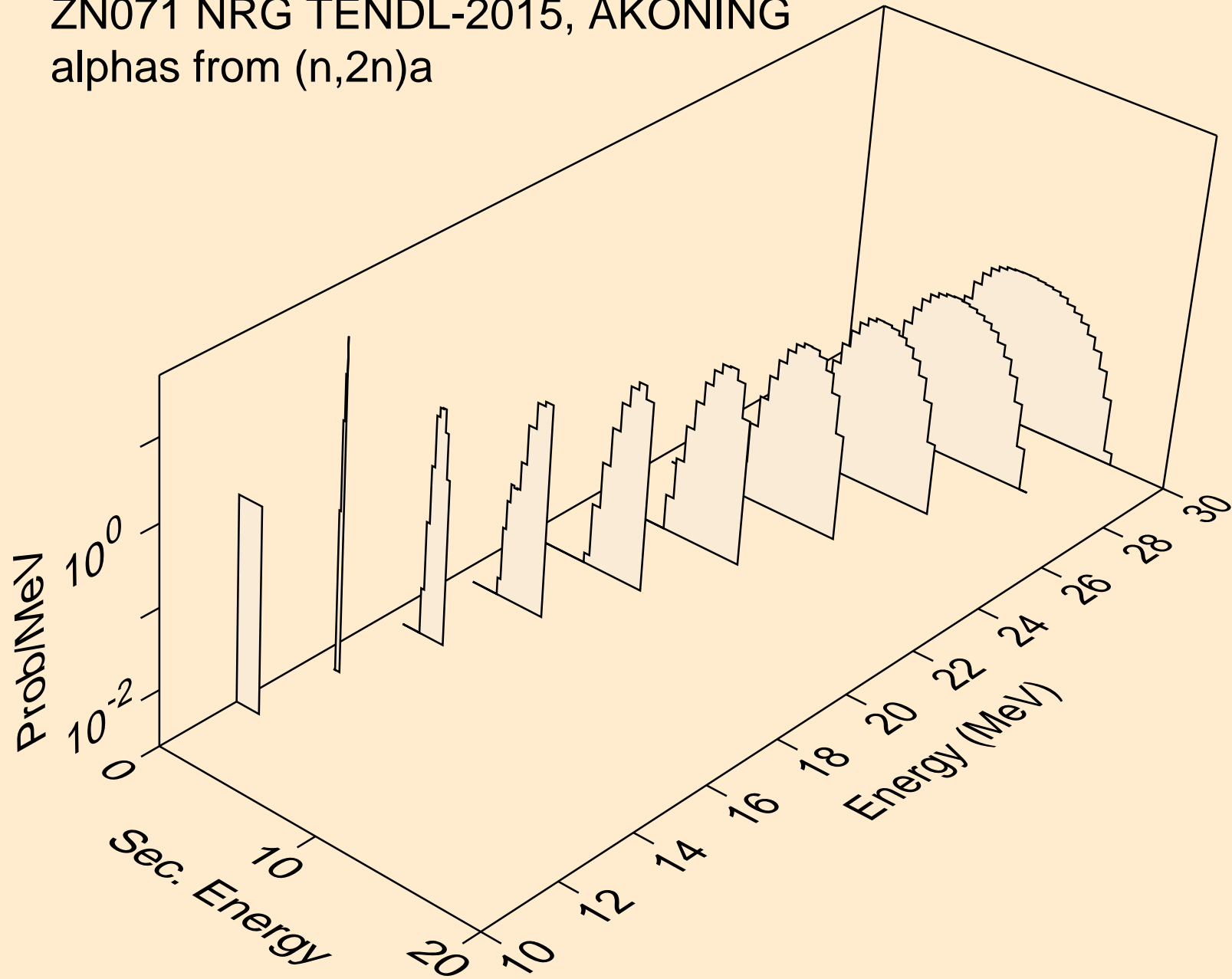
ZN071 NRG TENDL-2015, AKONING  
alphas from (n,x)



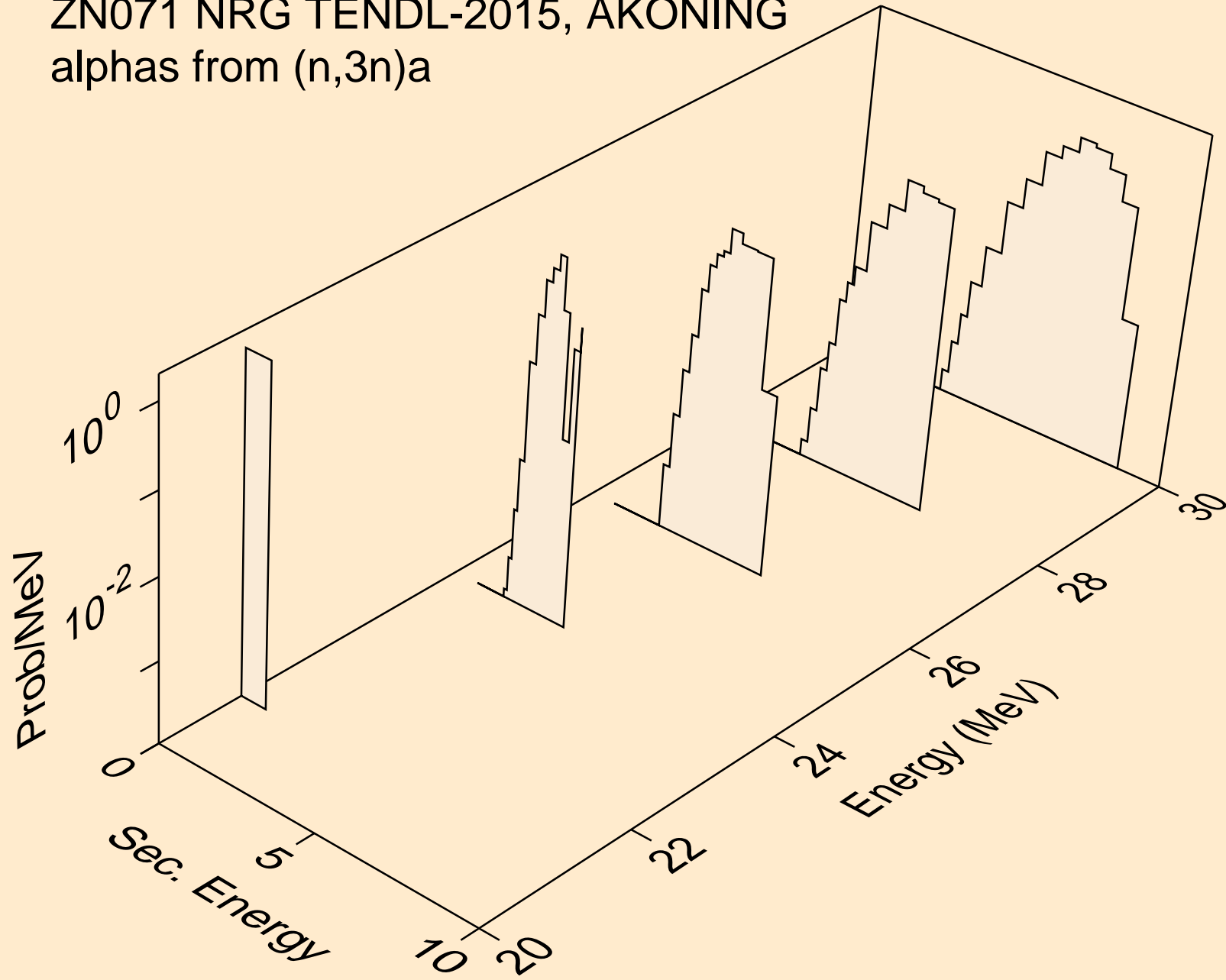
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alphas from (n,n\*)a



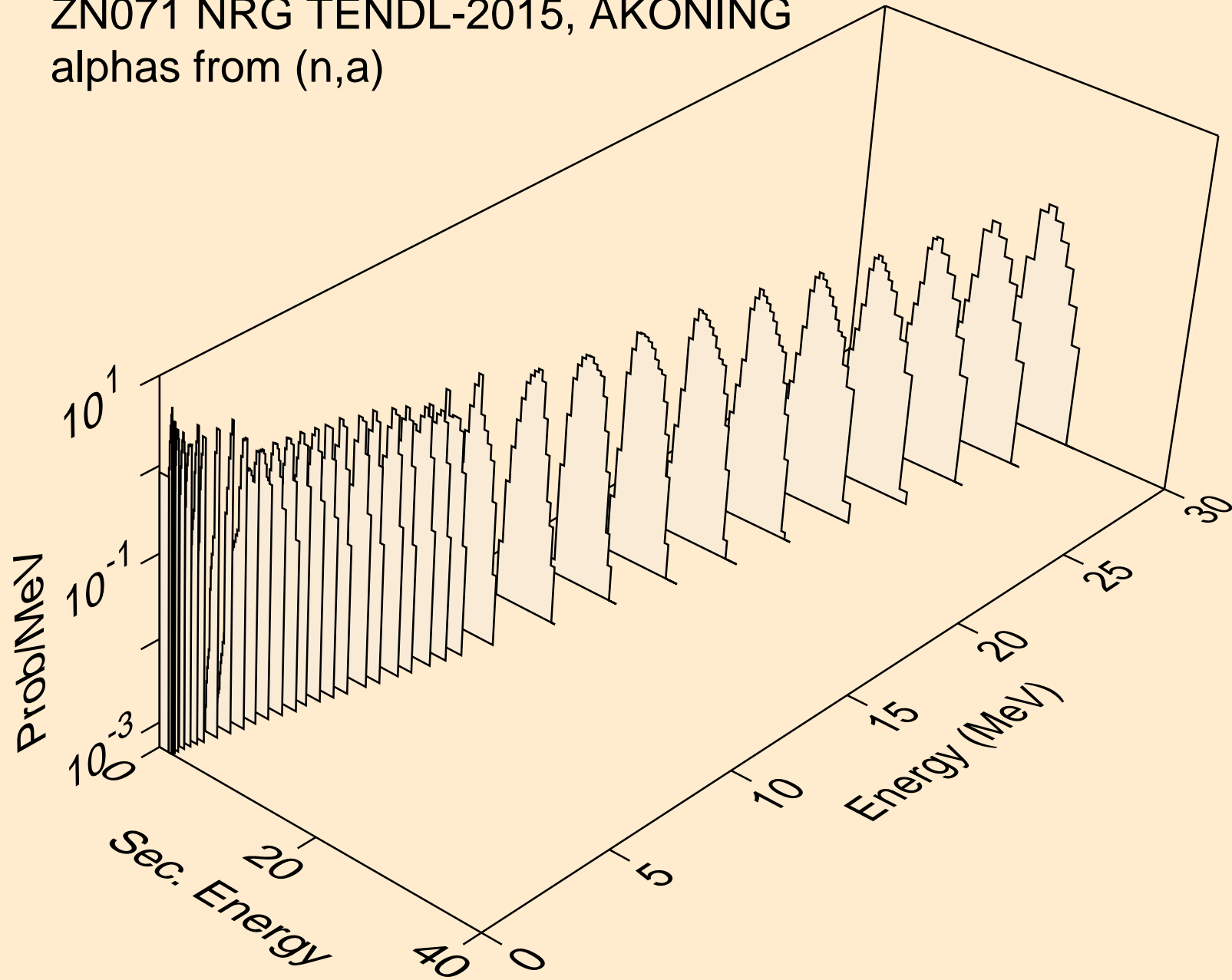
ZN071 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



ZN071 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

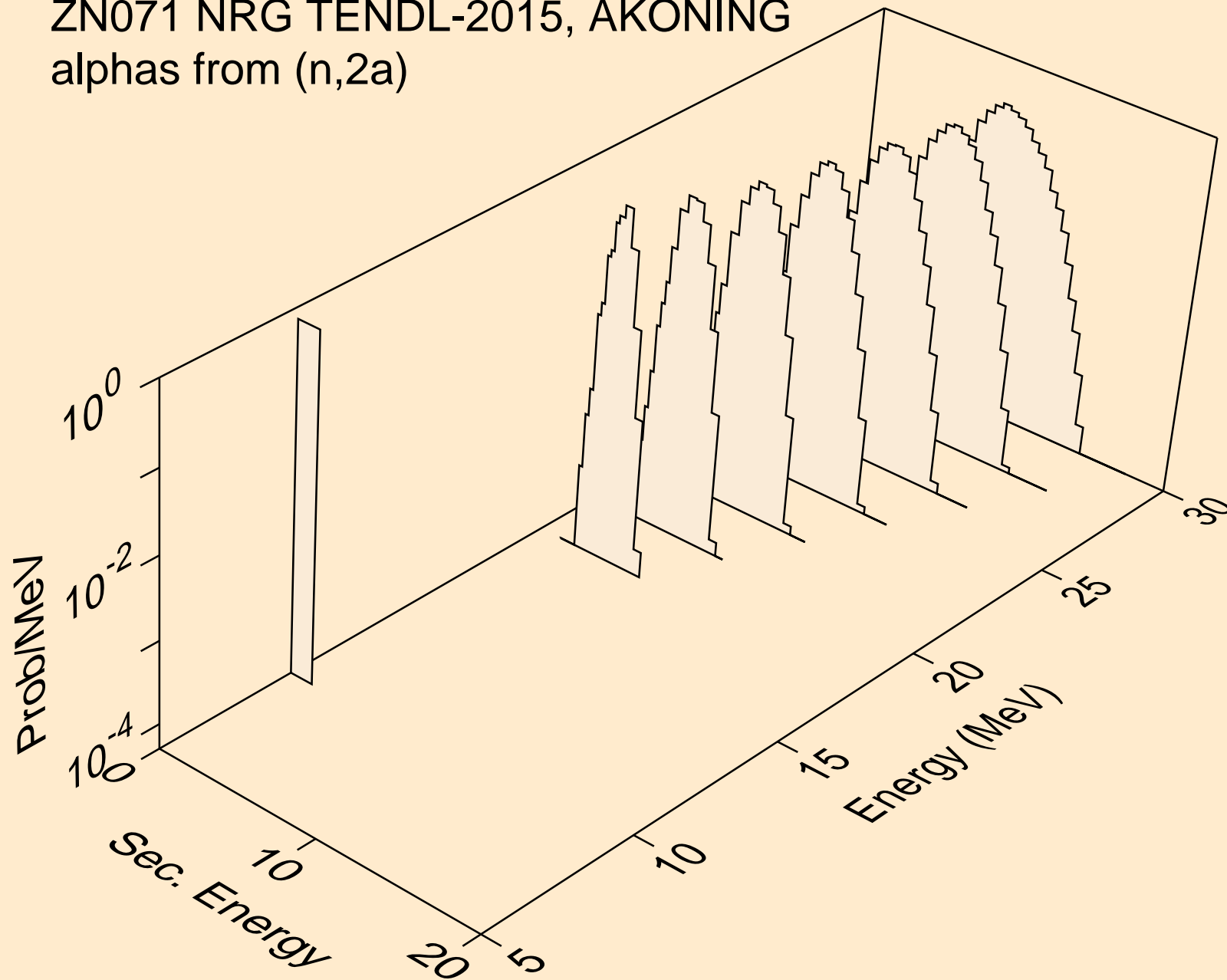


ZN071 NRG TENDL-2015, AKONING  
alphas from (n,a)





ZN071 NRG TENDL-2015, AKONING  
alphas from (n,2a)



ZN071 NRG TENDL-2015, AKONING  
alphas from (n,pa)

