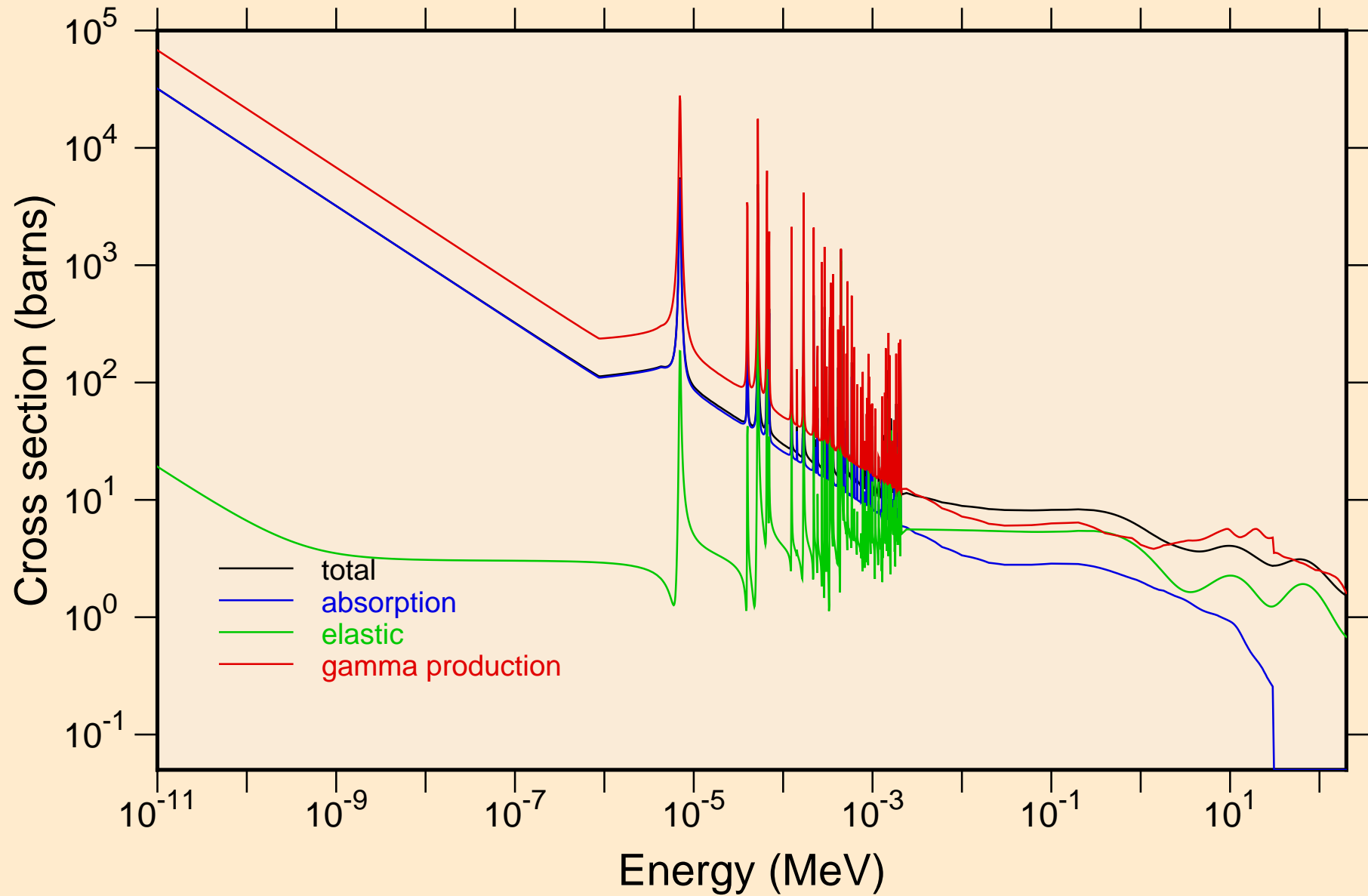
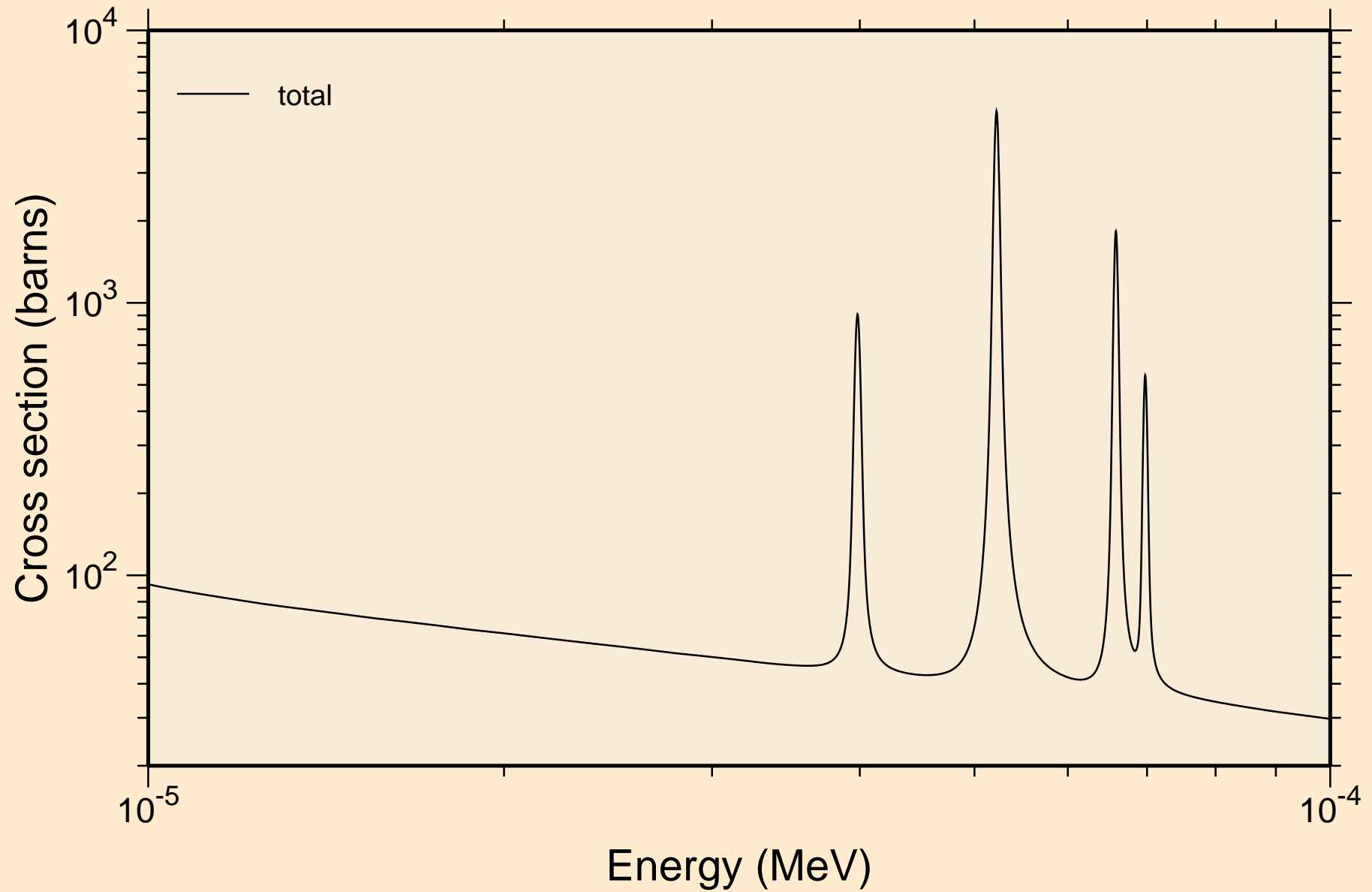


# ZR085 NRG TENDL-2015, AKONING

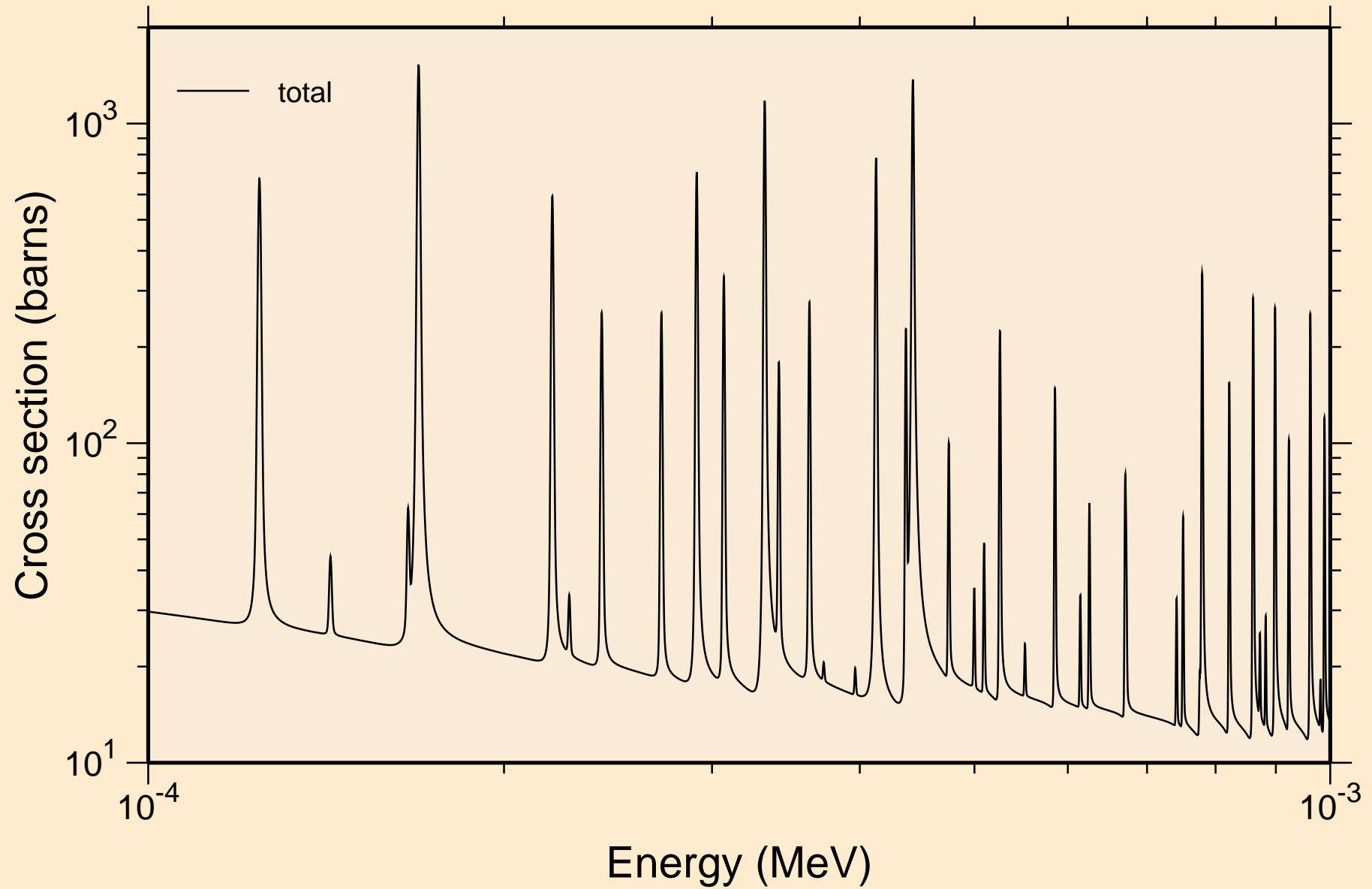
## Principal cross sections



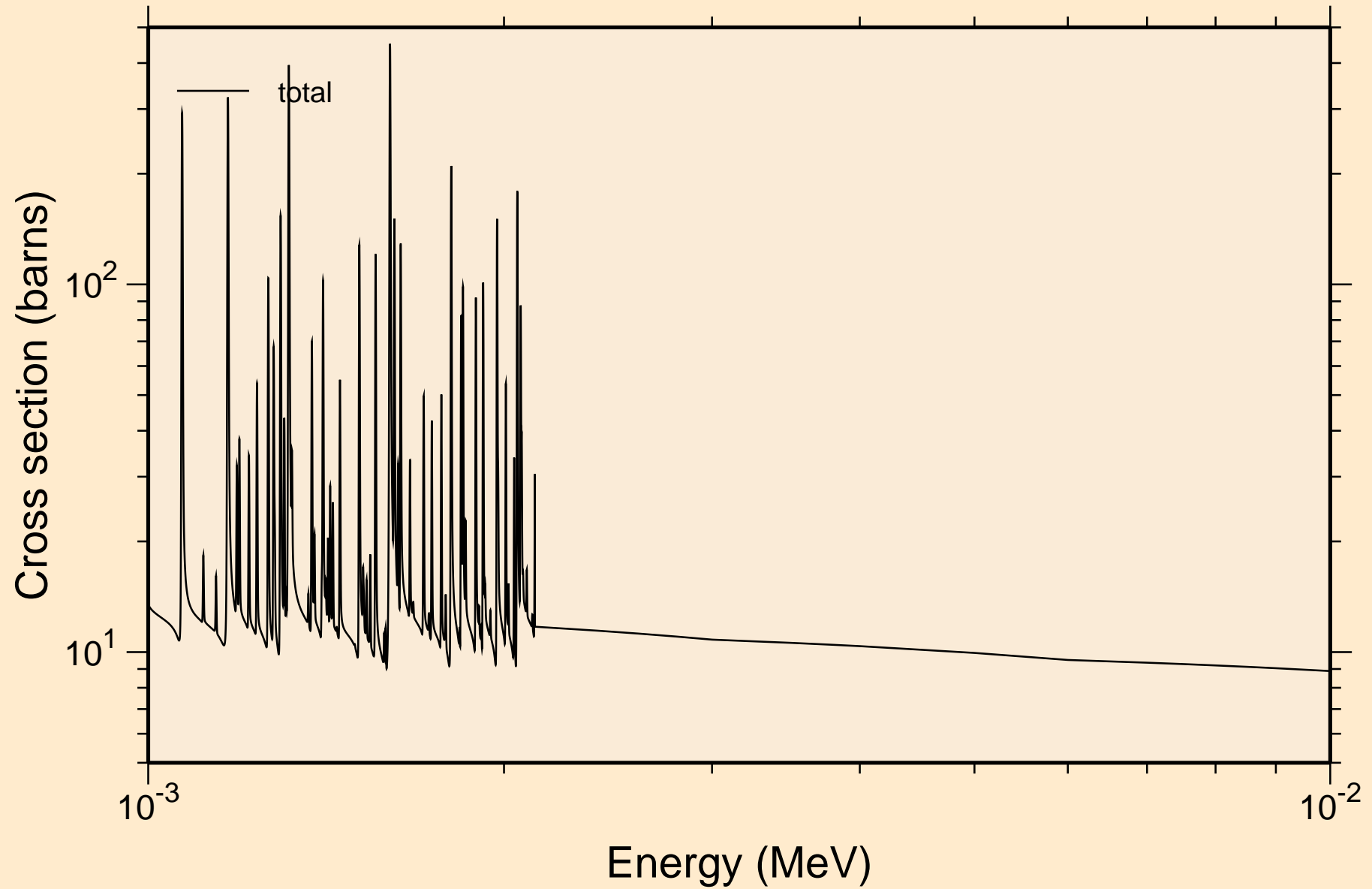
ZR085 NRG TENDL-2015, AKONING  
resonance total cross section



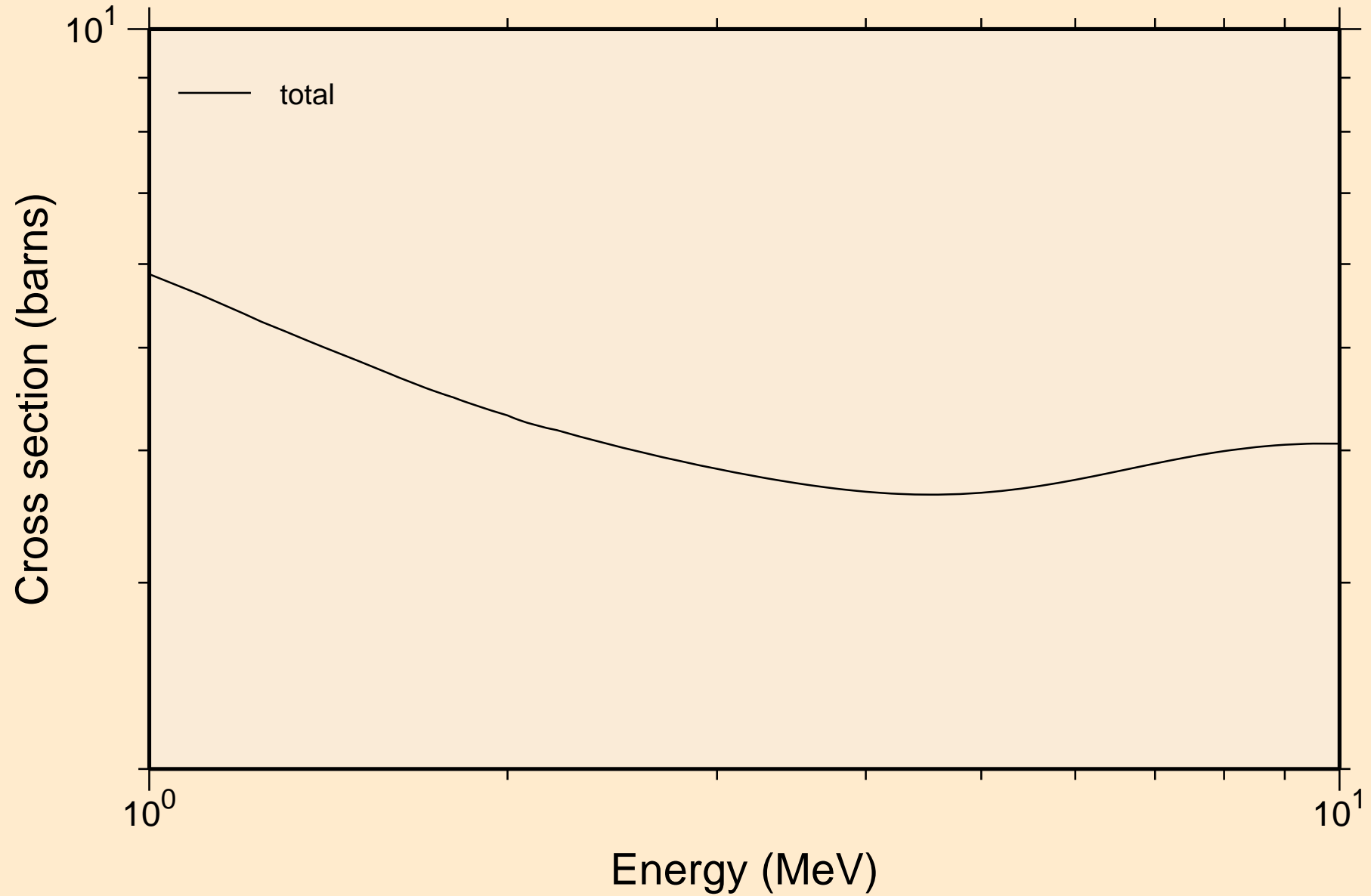
ZR085 NRG TENDL-2015, AKONING  
resonance total cross section



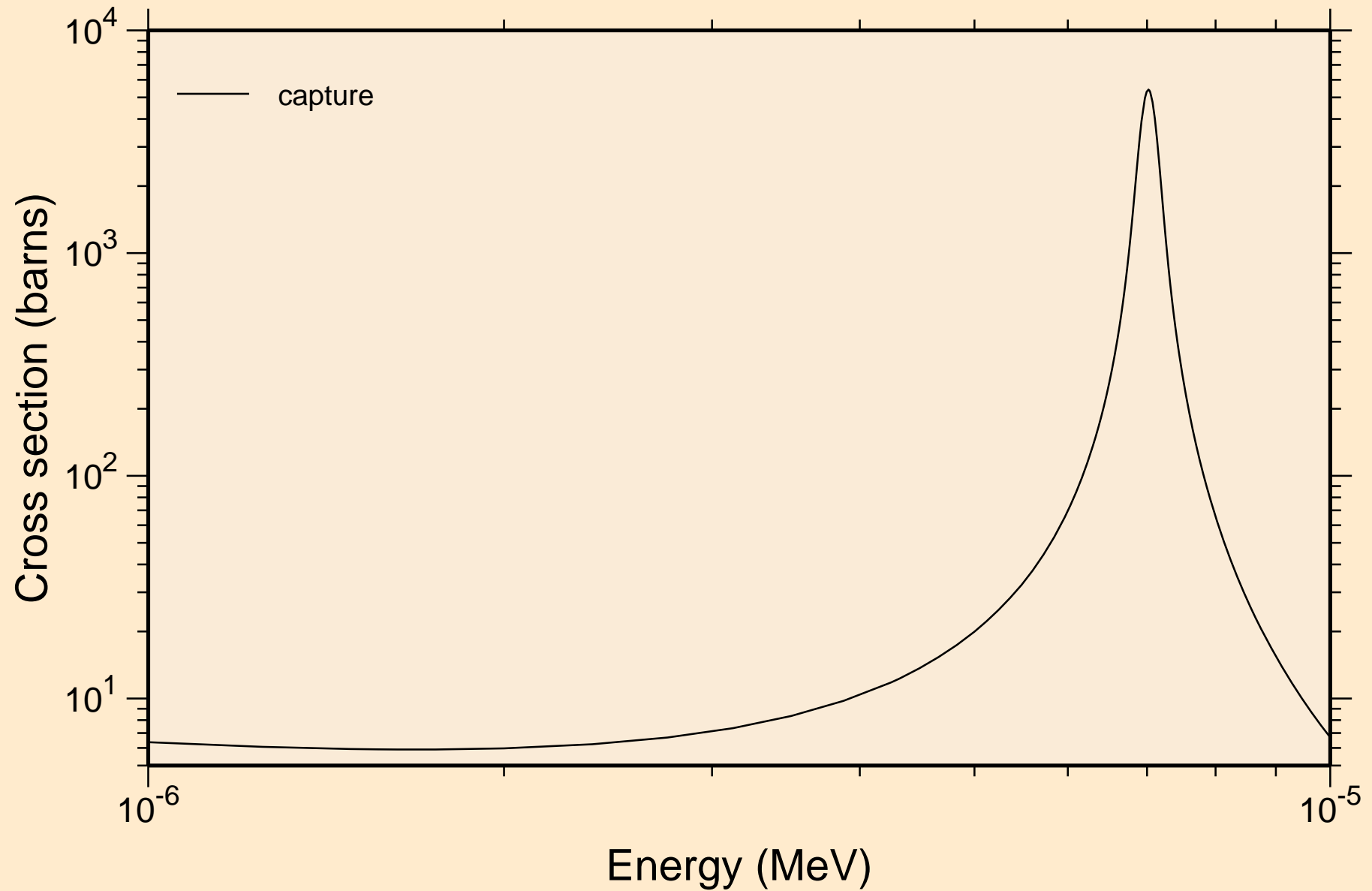
ZR085 NRG TENDL-2015, AKONING  
resonance total cross section



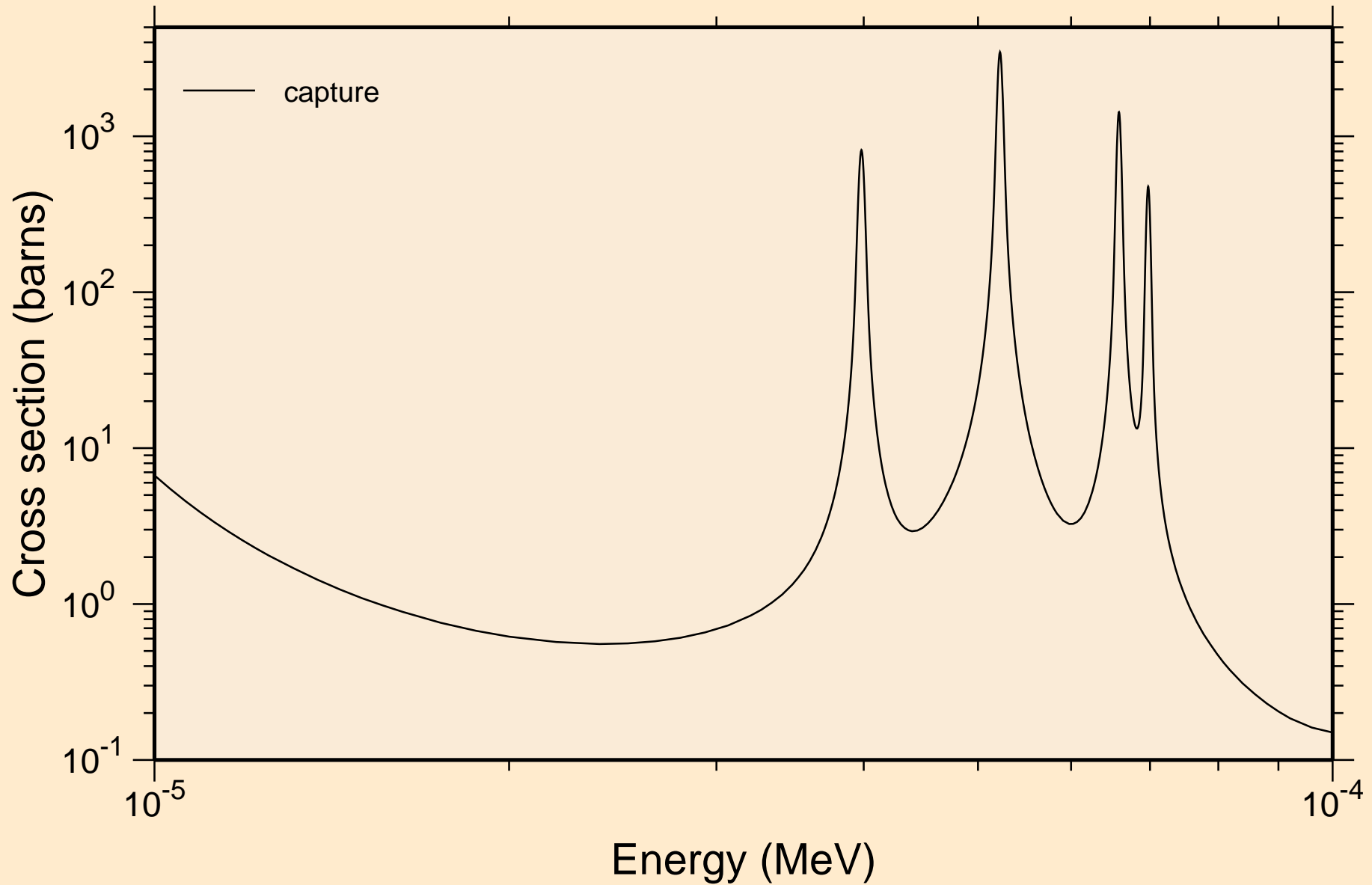
ZR085 NRG TENDL-2015, AKONING  
resonance total cross section



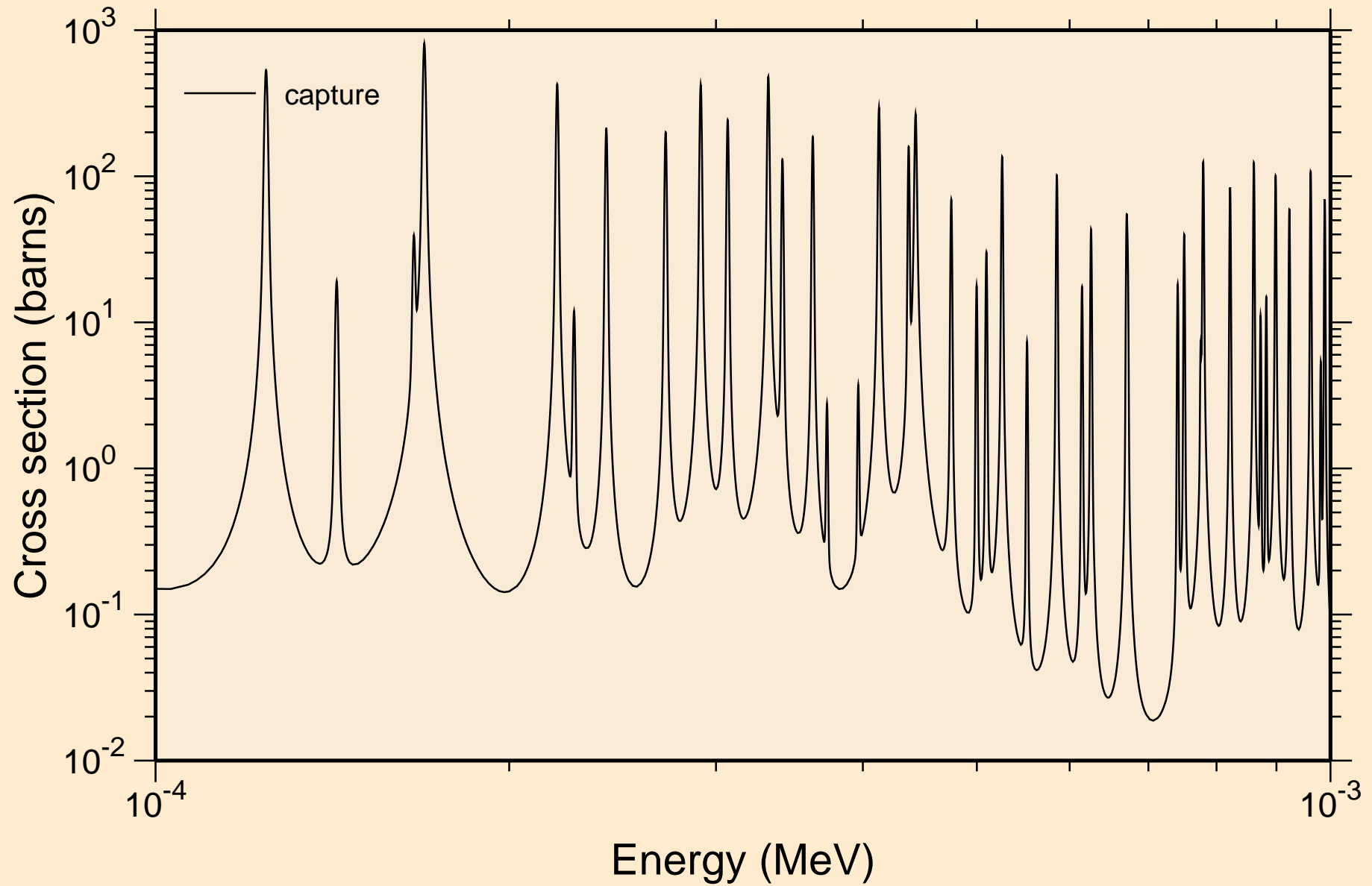
ZR085 NRG TENDL-2015, AKONING  
resonance absorption cross sections



ZR085 NRG TENDL-2015, AKONING  
resonance absorption cross sections

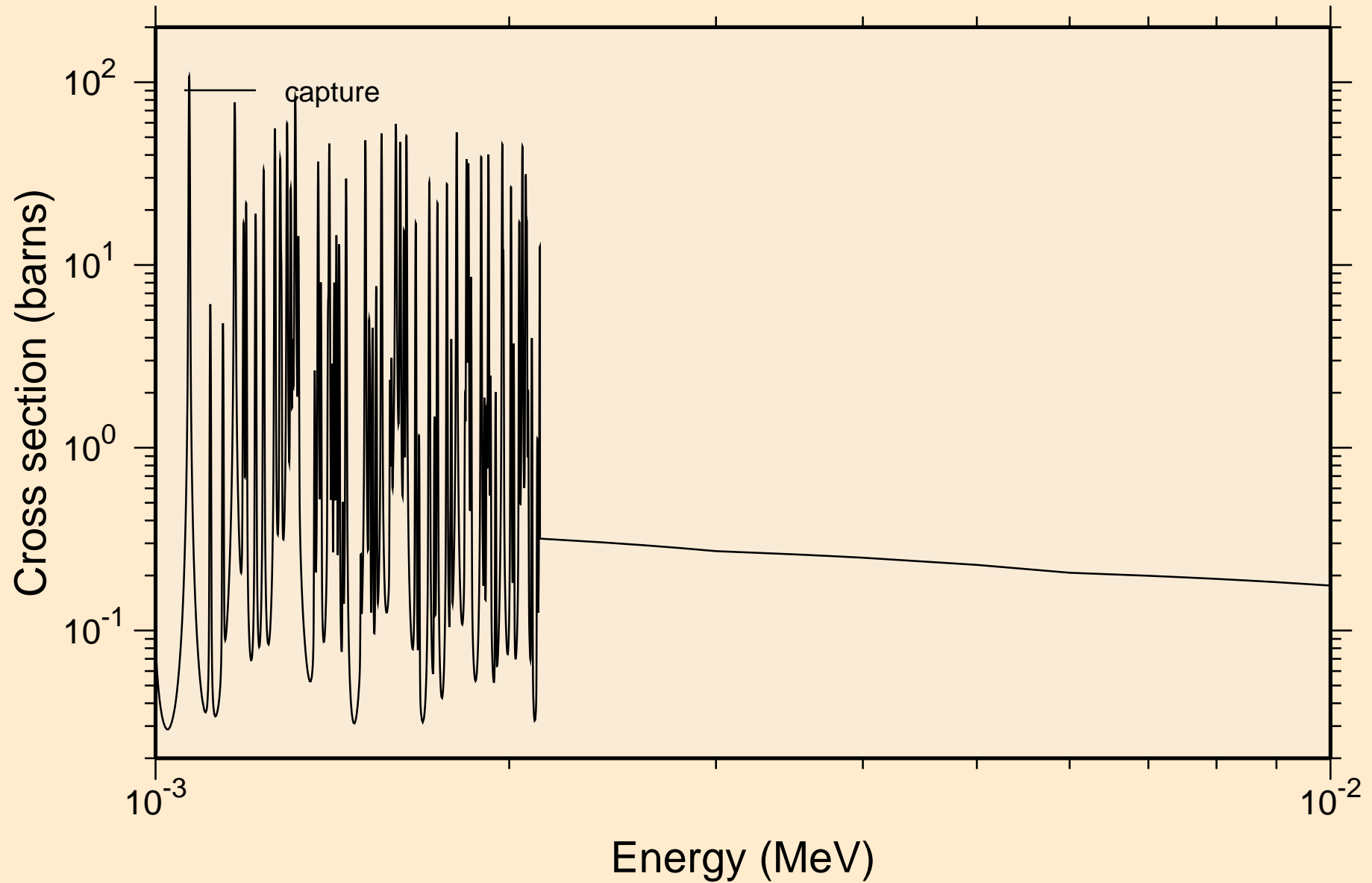


ZR085 NRG TENDL-2015, AKONING  
resonance absorption cross sections

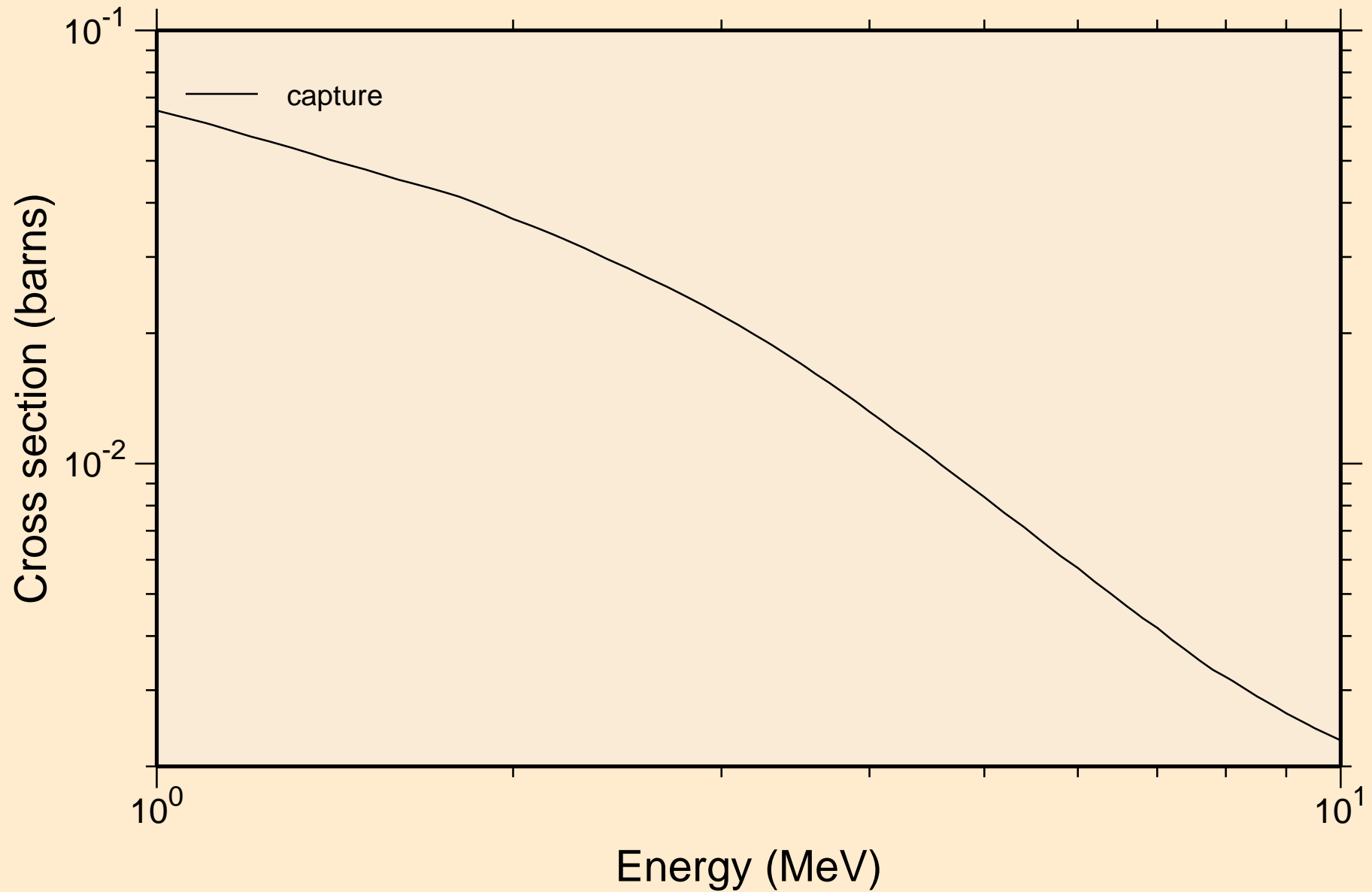




ZR085 NRG TENDL-2015, AKONING  
resonance absorption cross sections

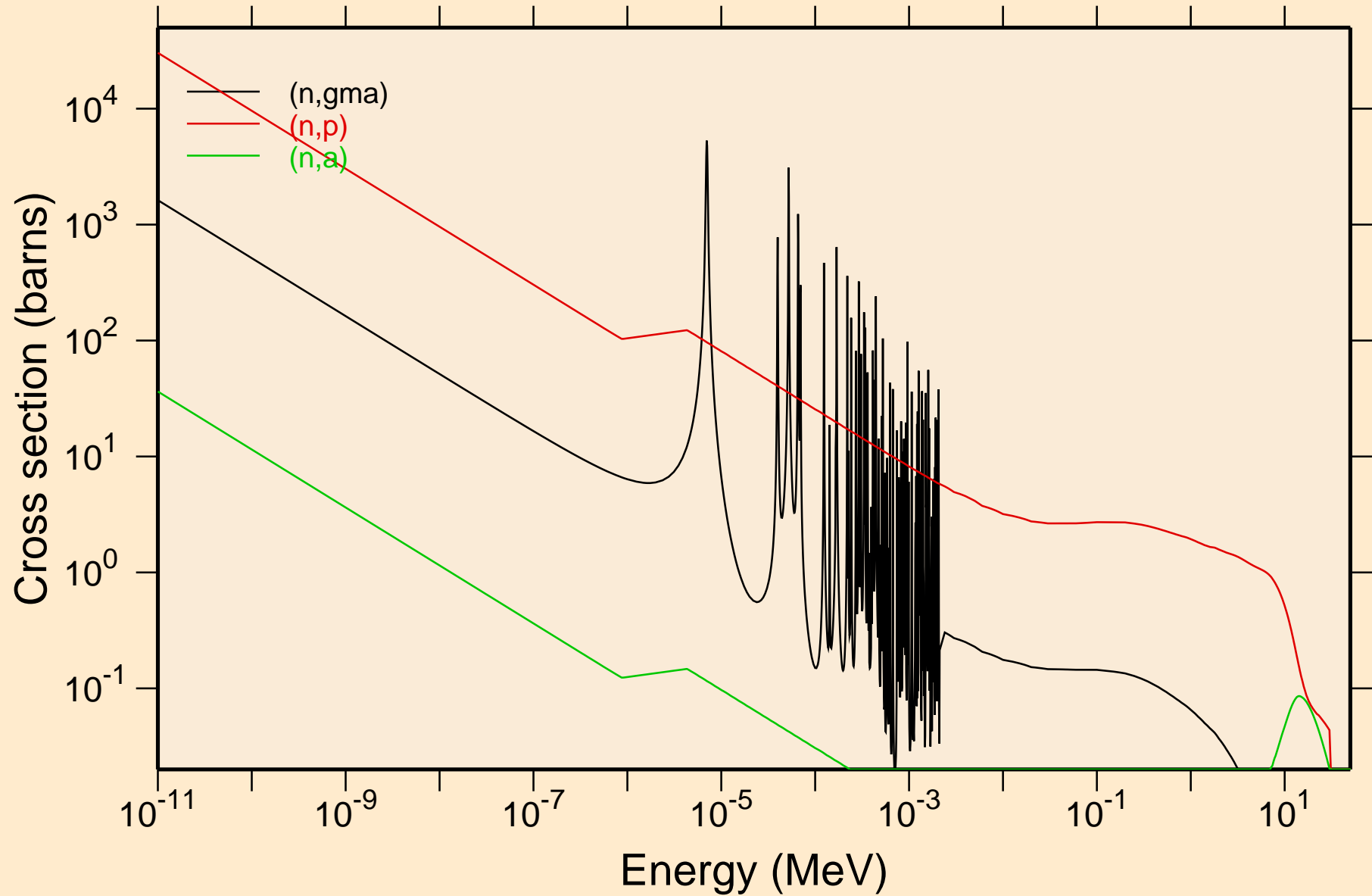


ZR085 NRG TENDL-2015, AKONING  
resonance absorption cross sections



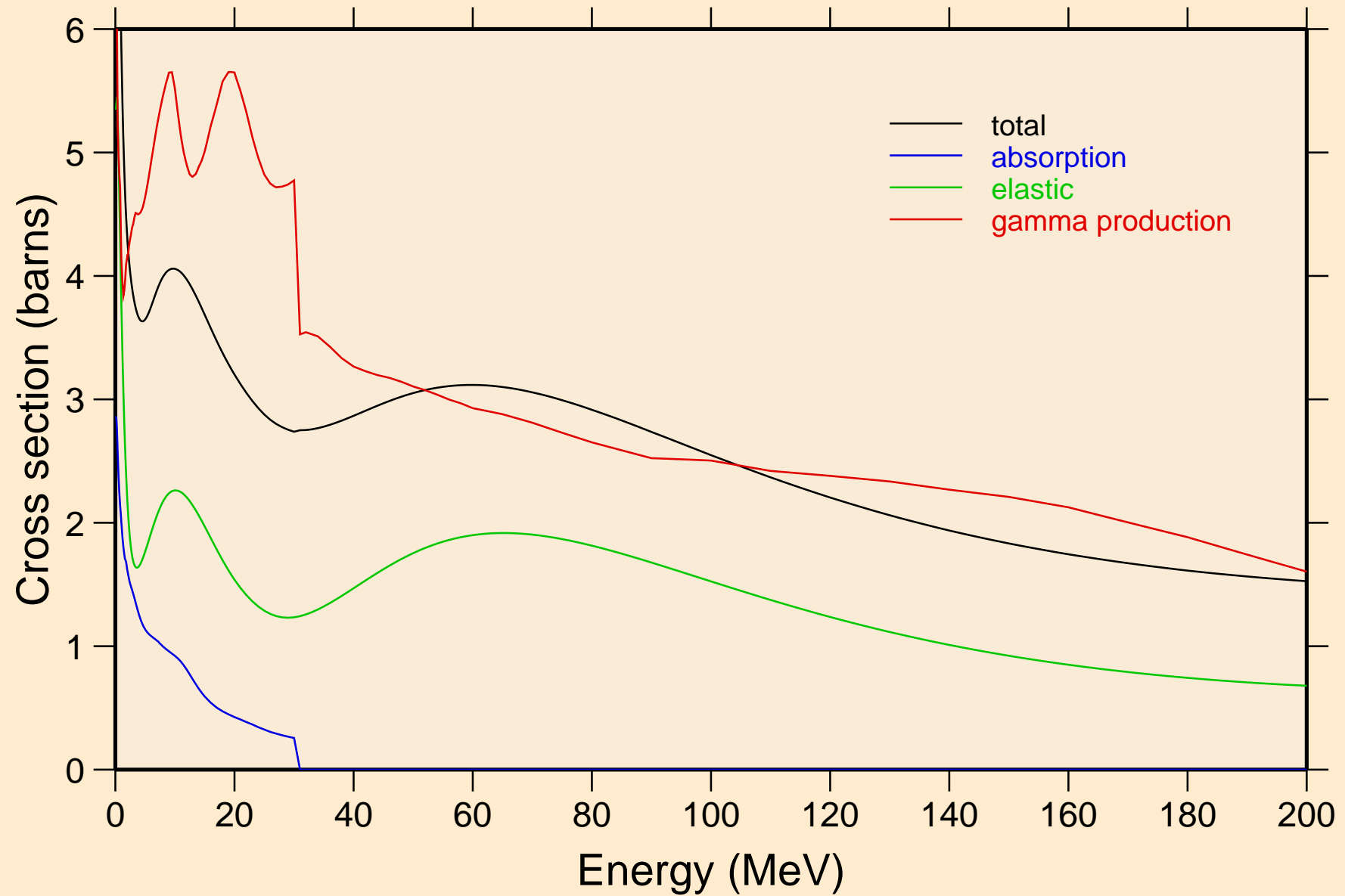
# ZR085 NRG TENDL-2015, AKONING

## Non-threshold reactions



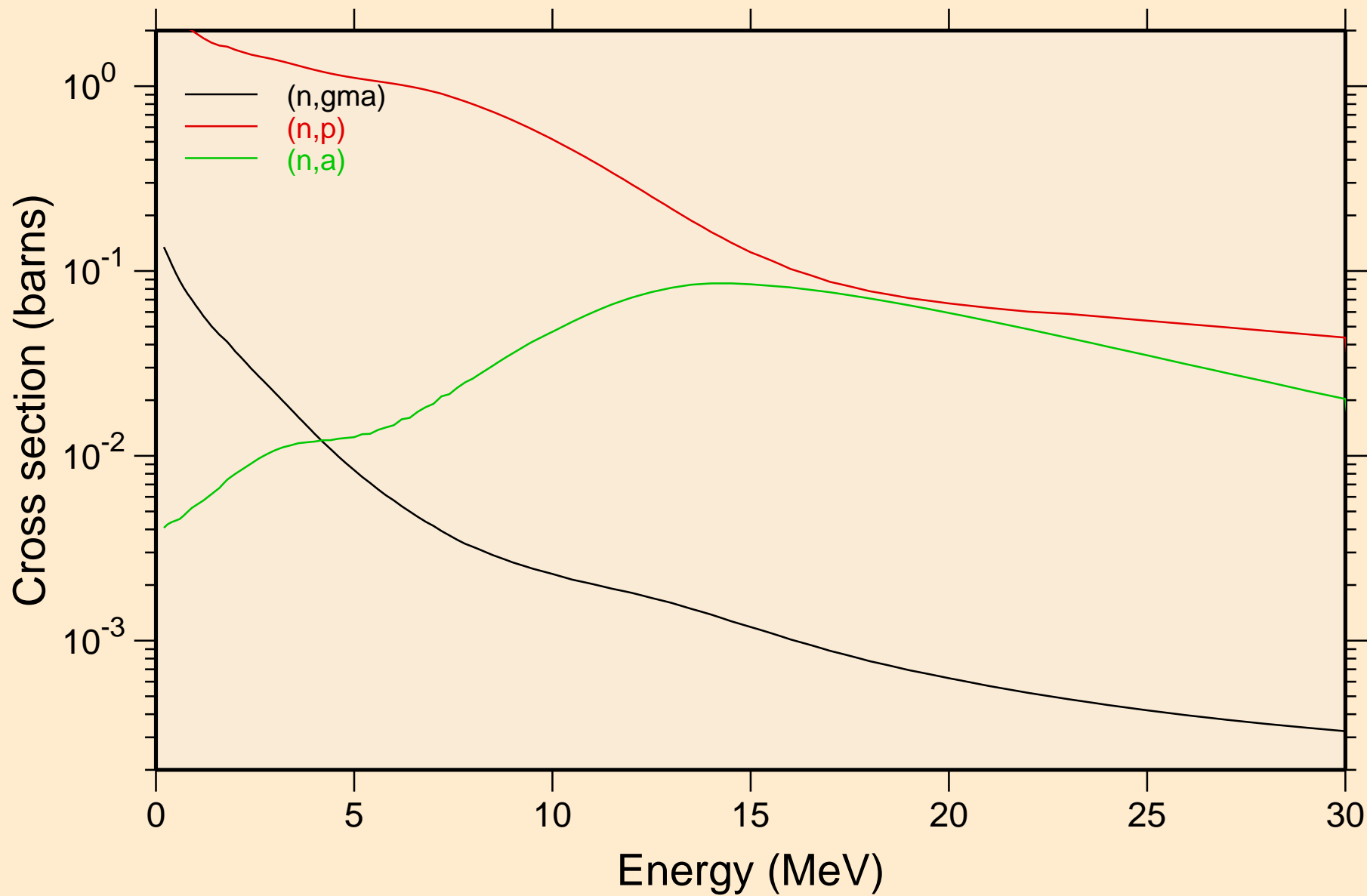
# ZR085 NRG TENDL-2015, AKONING

## Principal cross sections



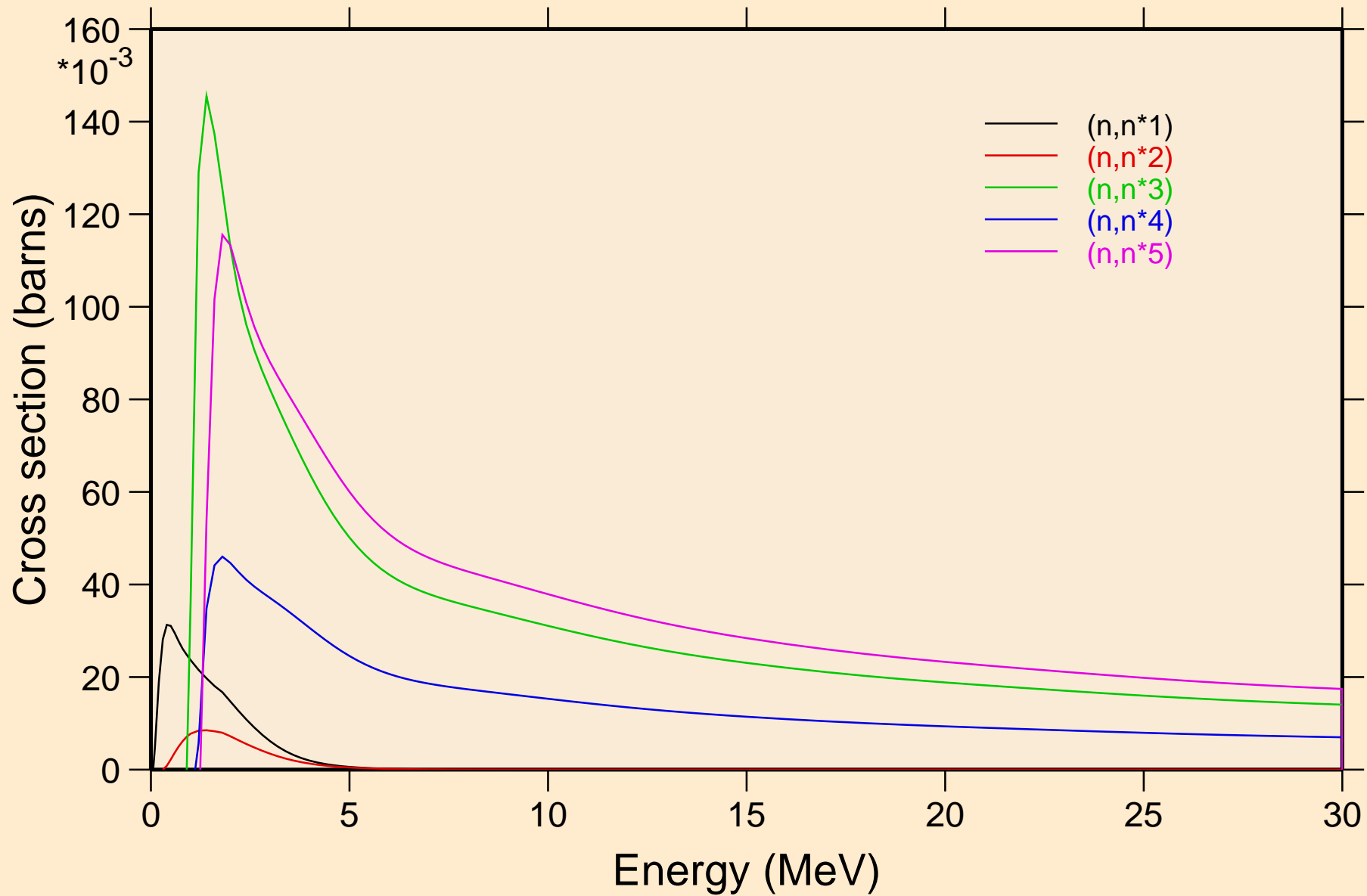
# ZR085 NRG TENDL-2015, AKONING

## Non-threshold reactions



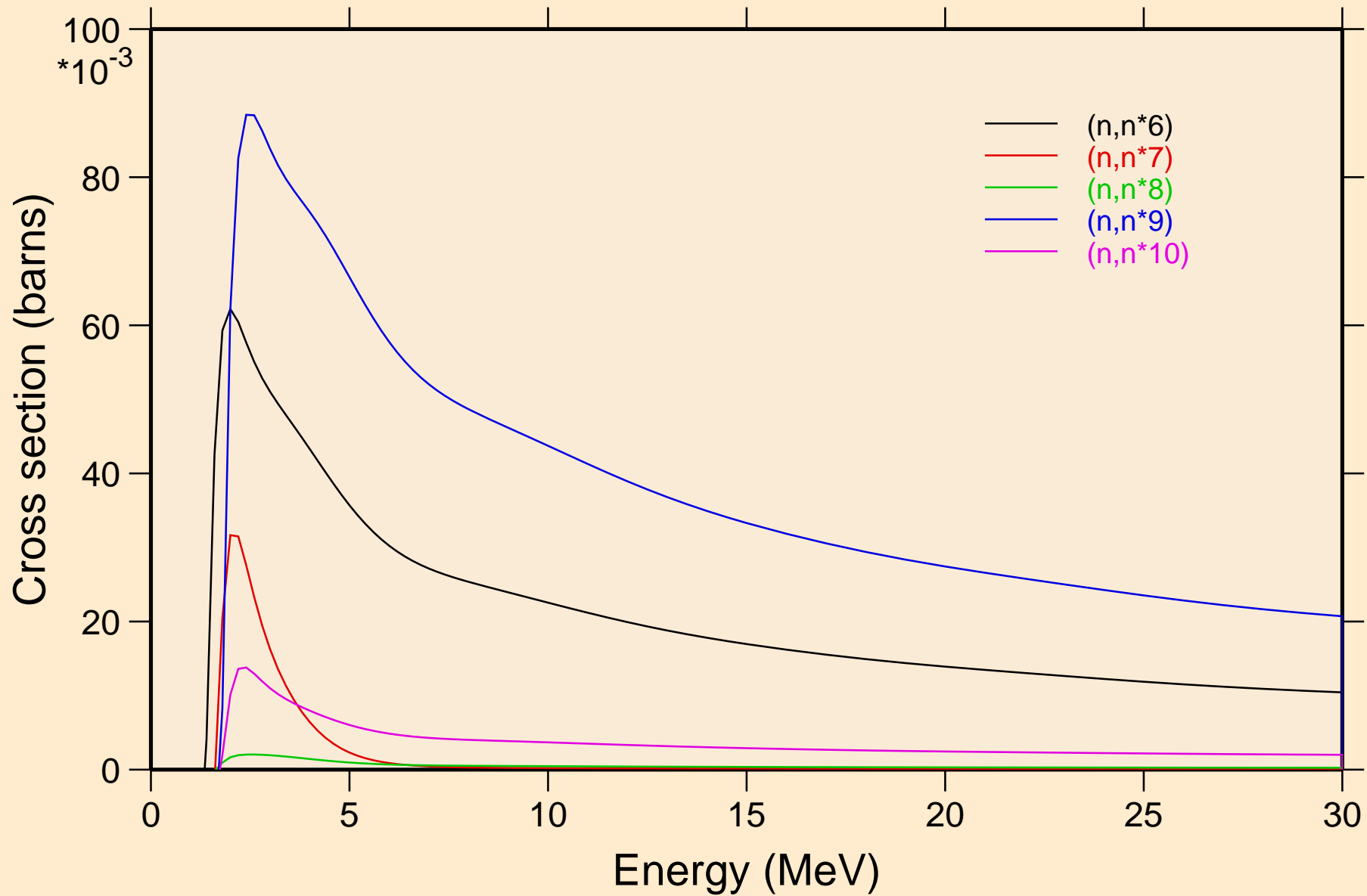
# ZR085 NRG TENDL-2015, AKONING

## Inelastic levels



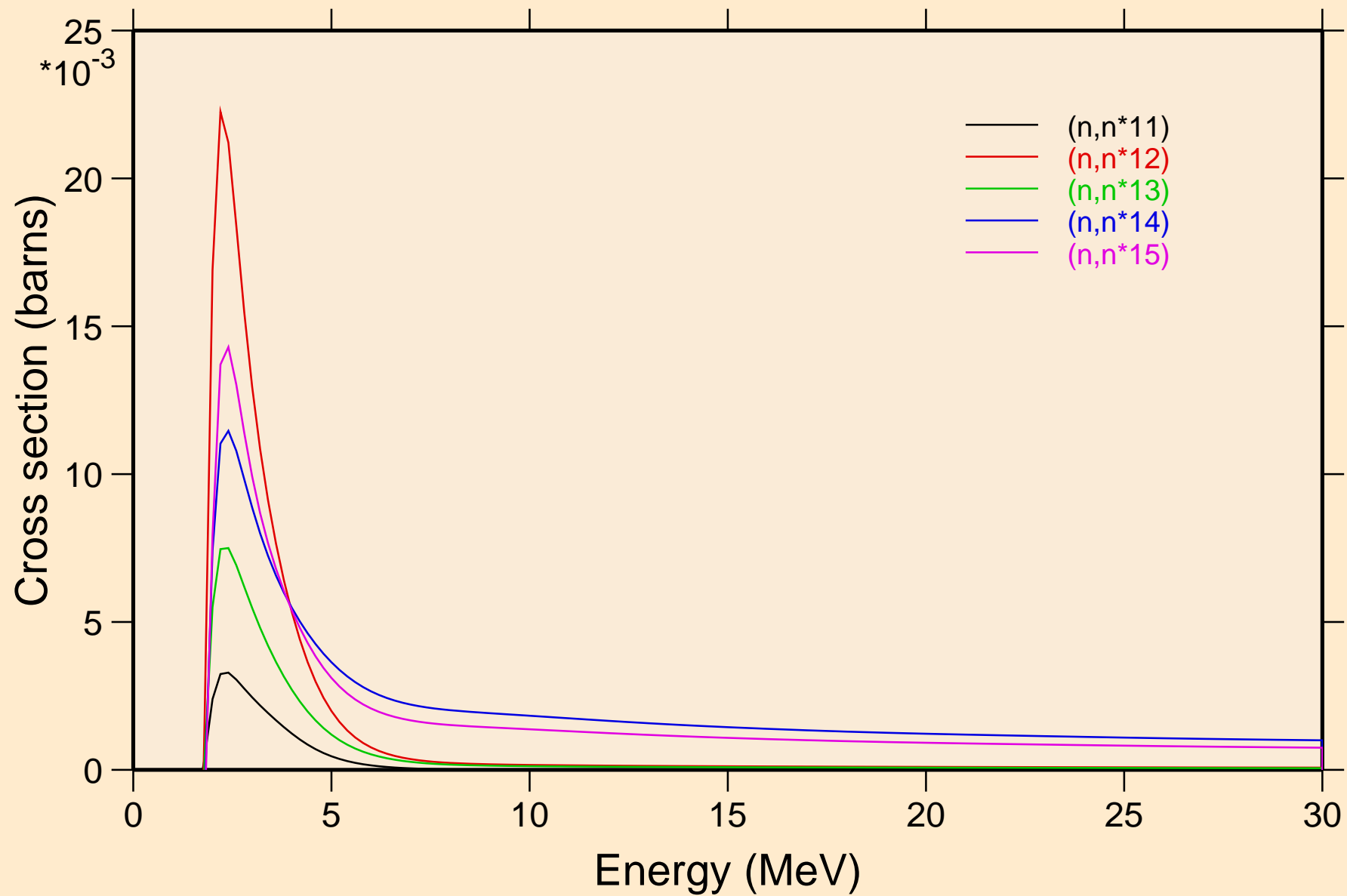
# ZR085 NRG TENDL-2015, AKONING

## Inelastic levels



# ZR085 NRG TENDL-2015, AKONING

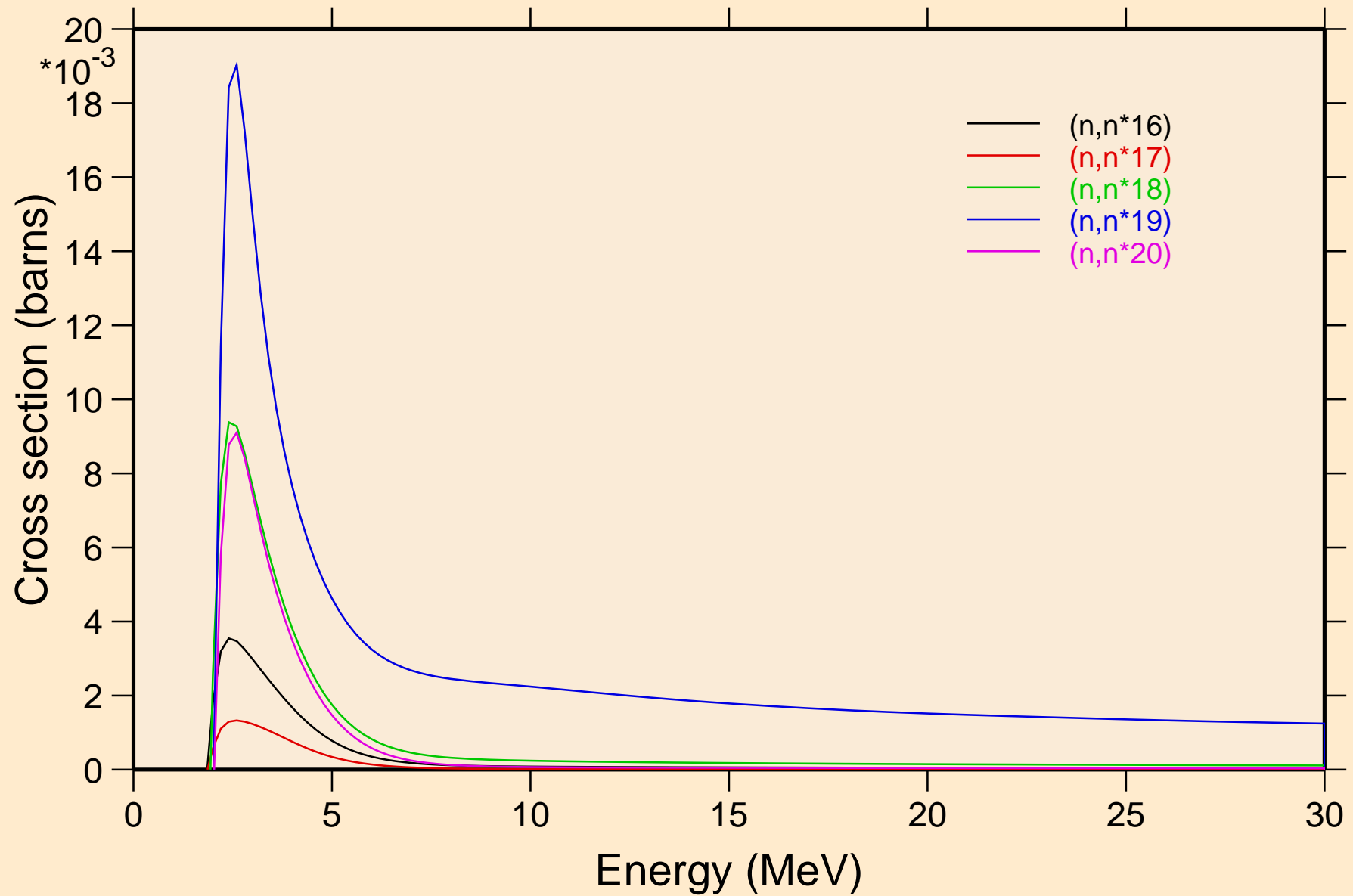
## Inelastic levels





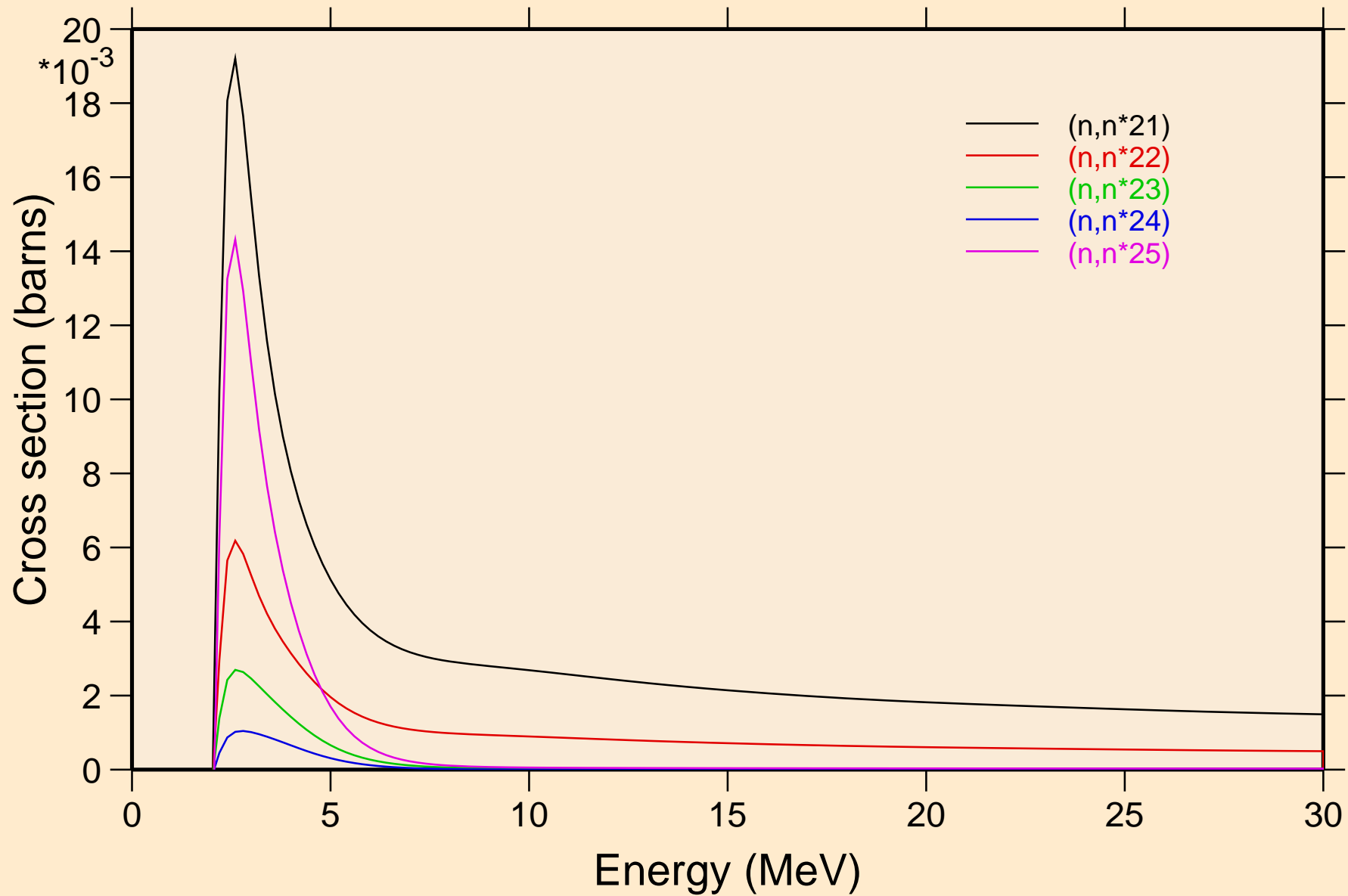
# ZR085 NRG TENDL-2015, AKONING

## Inelastic levels



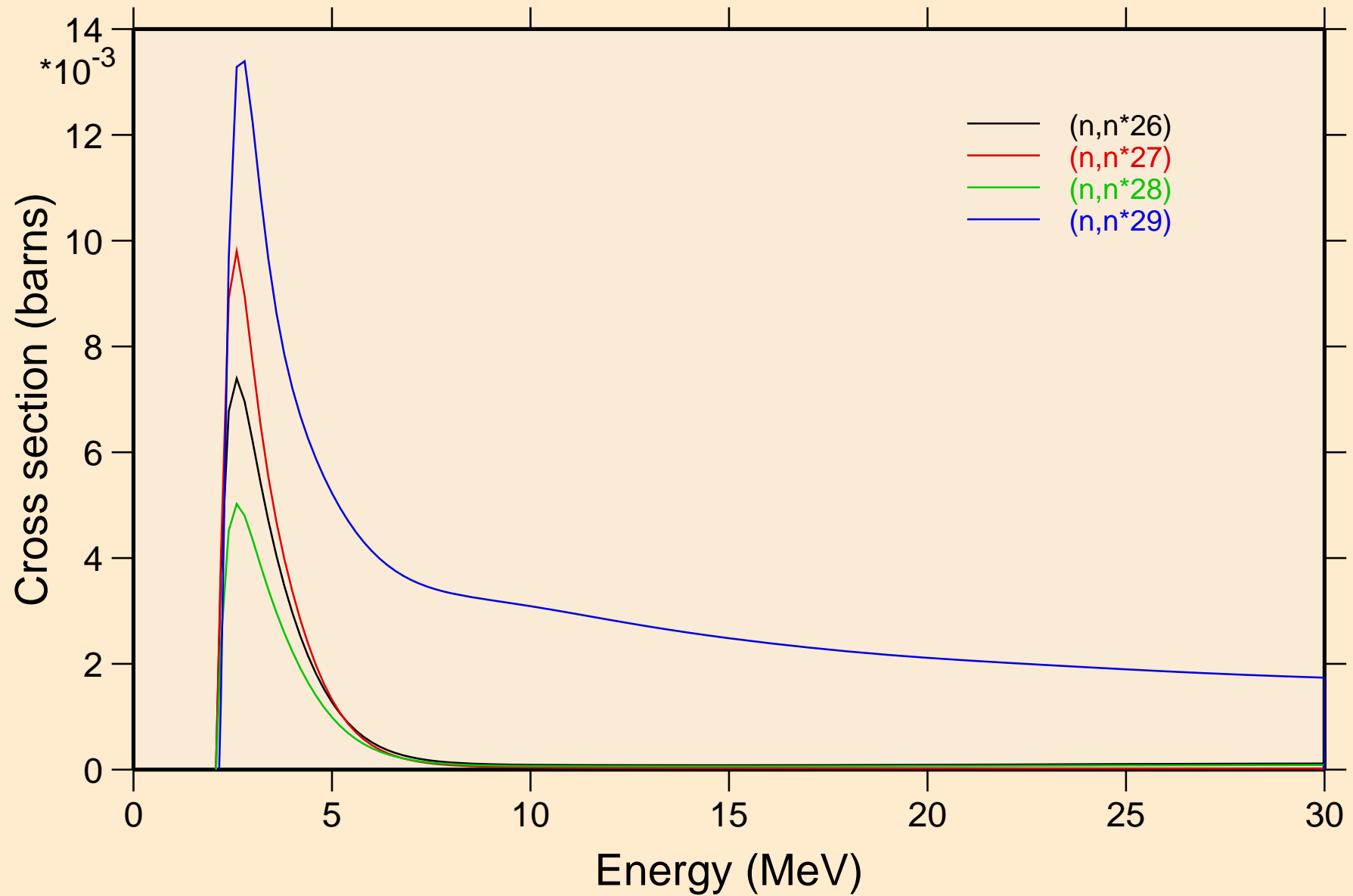
# ZR085 NRG TENDL-2015, AKONING

## Inelastic levels



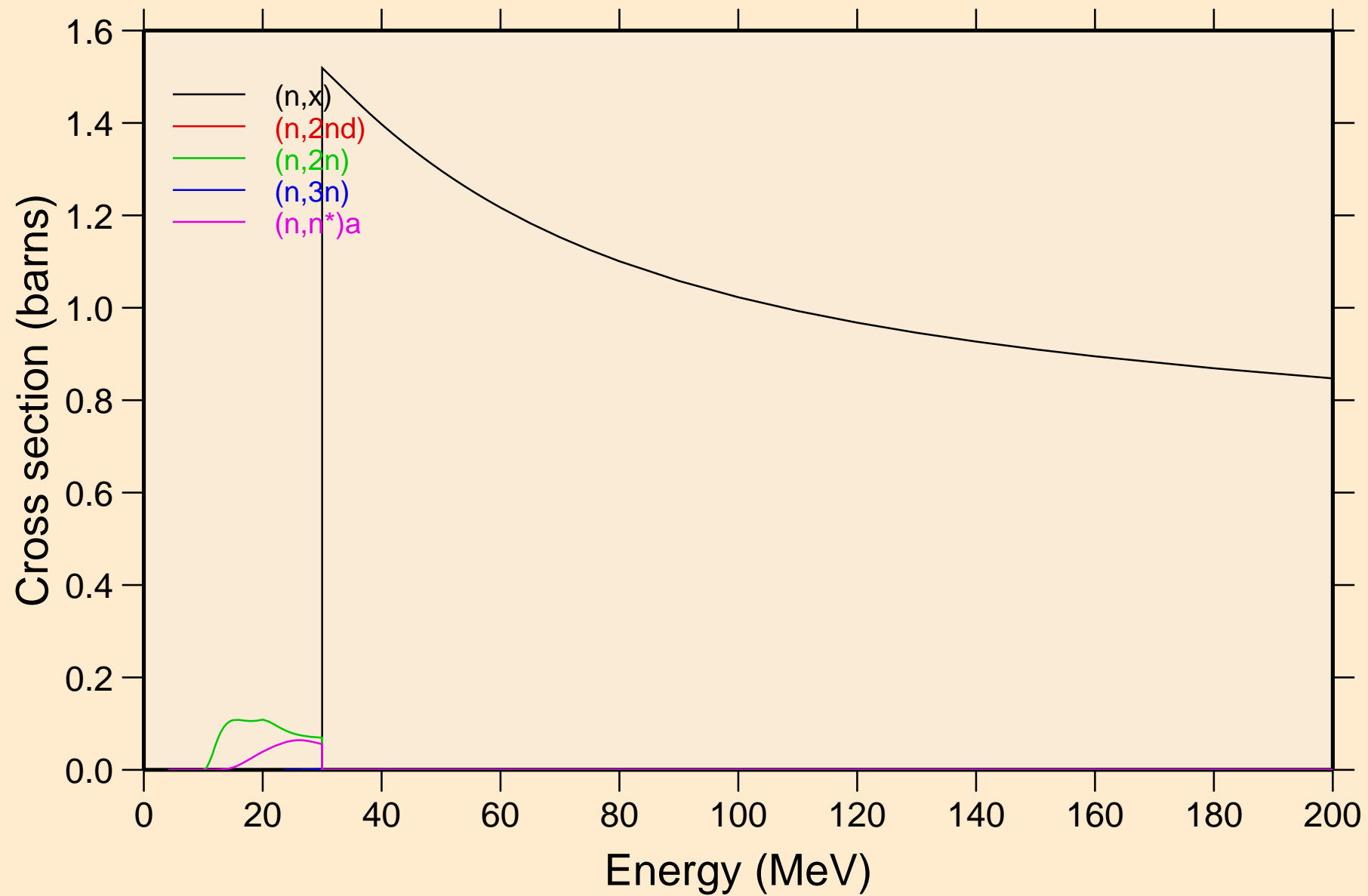
# ZR085 NRG TENDL-2015, AKONING

## Inelastic levels



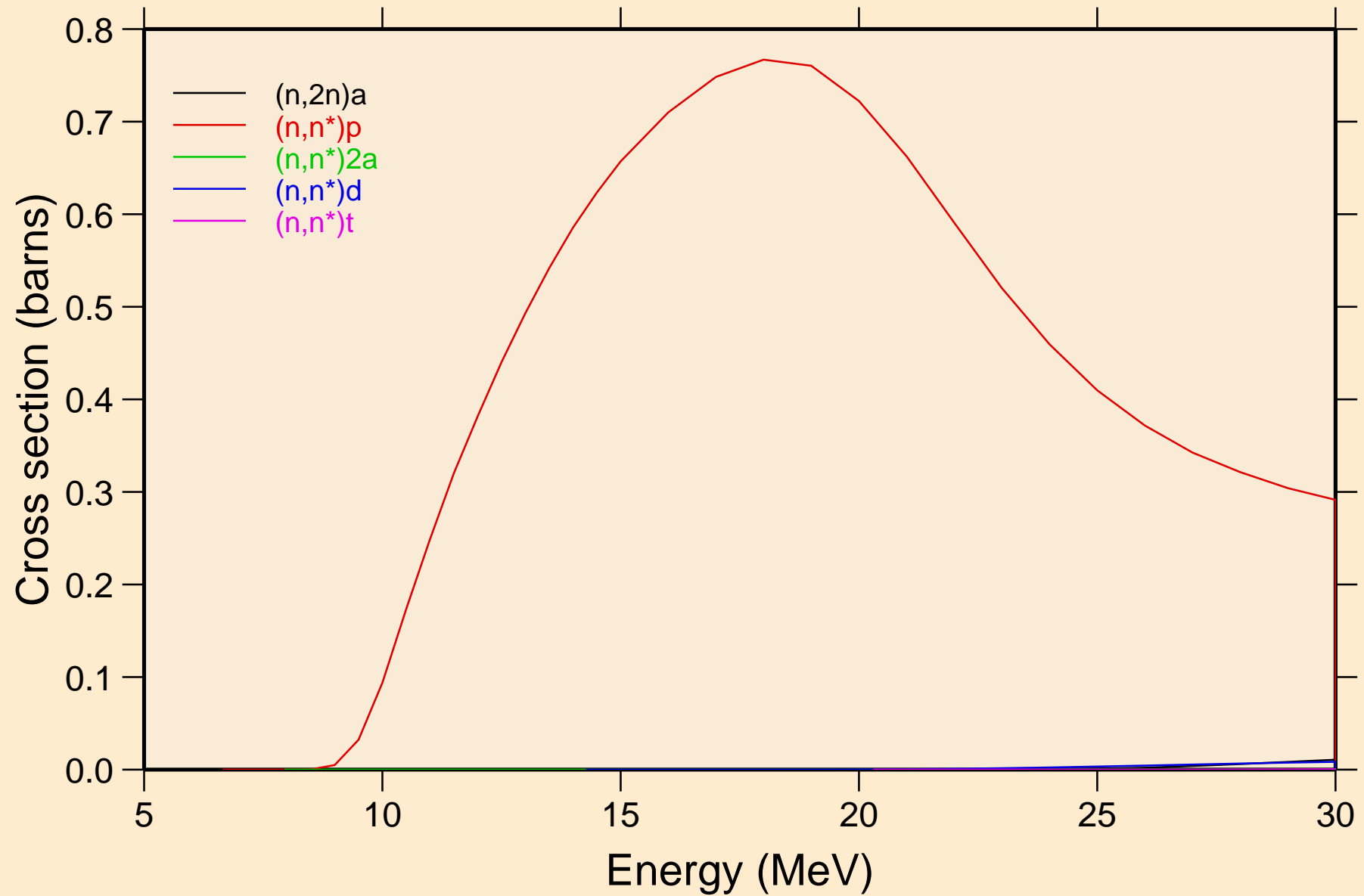
# ZR085 NRG TENDL-2015, AKONING

## Threshold reactions



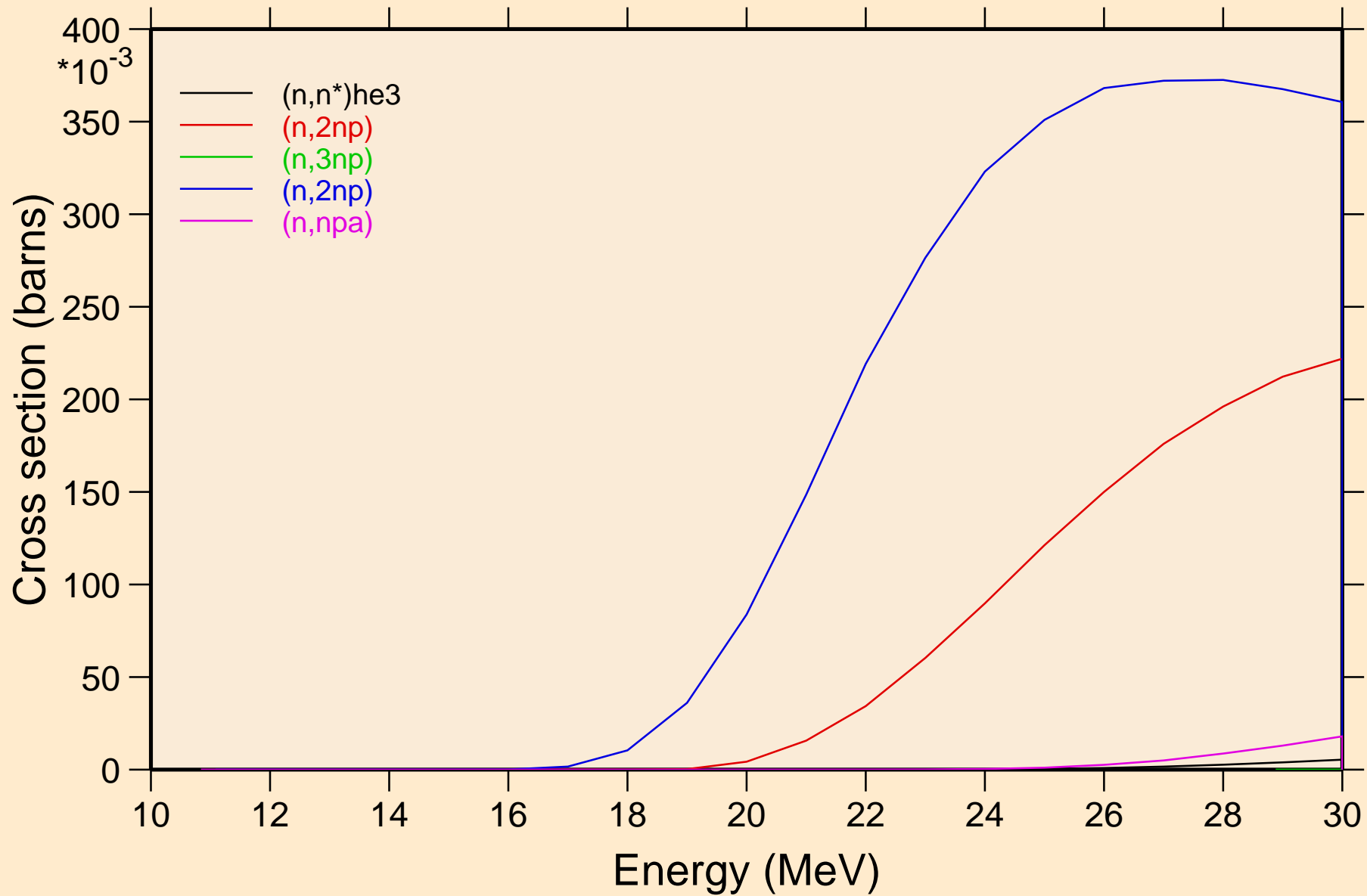
# ZR085 NRG TENDL-2015, AKONING

## Threshold reactions



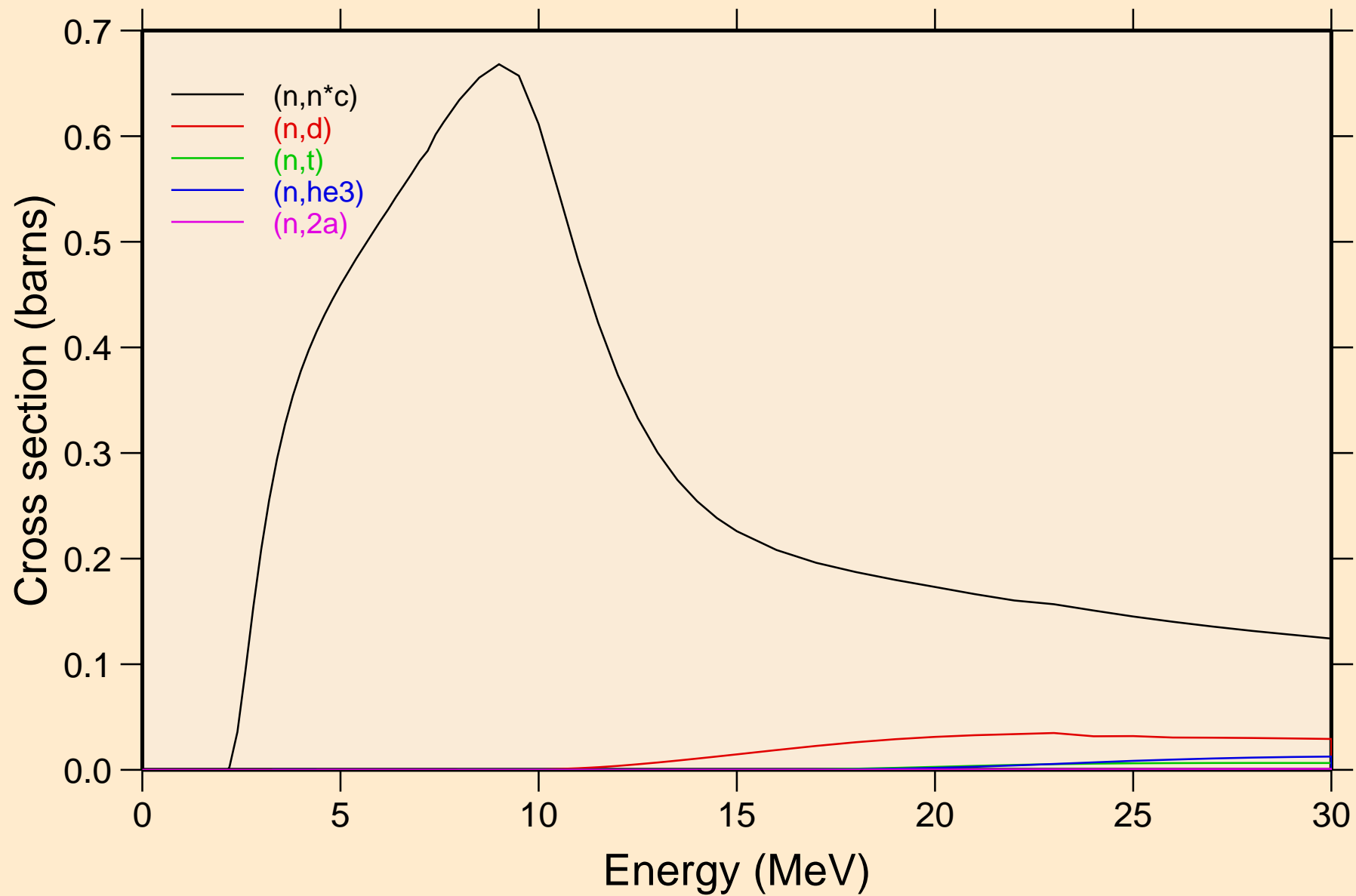
# ZR085 NRG TENDL-2015, AKONING

## Threshold reactions



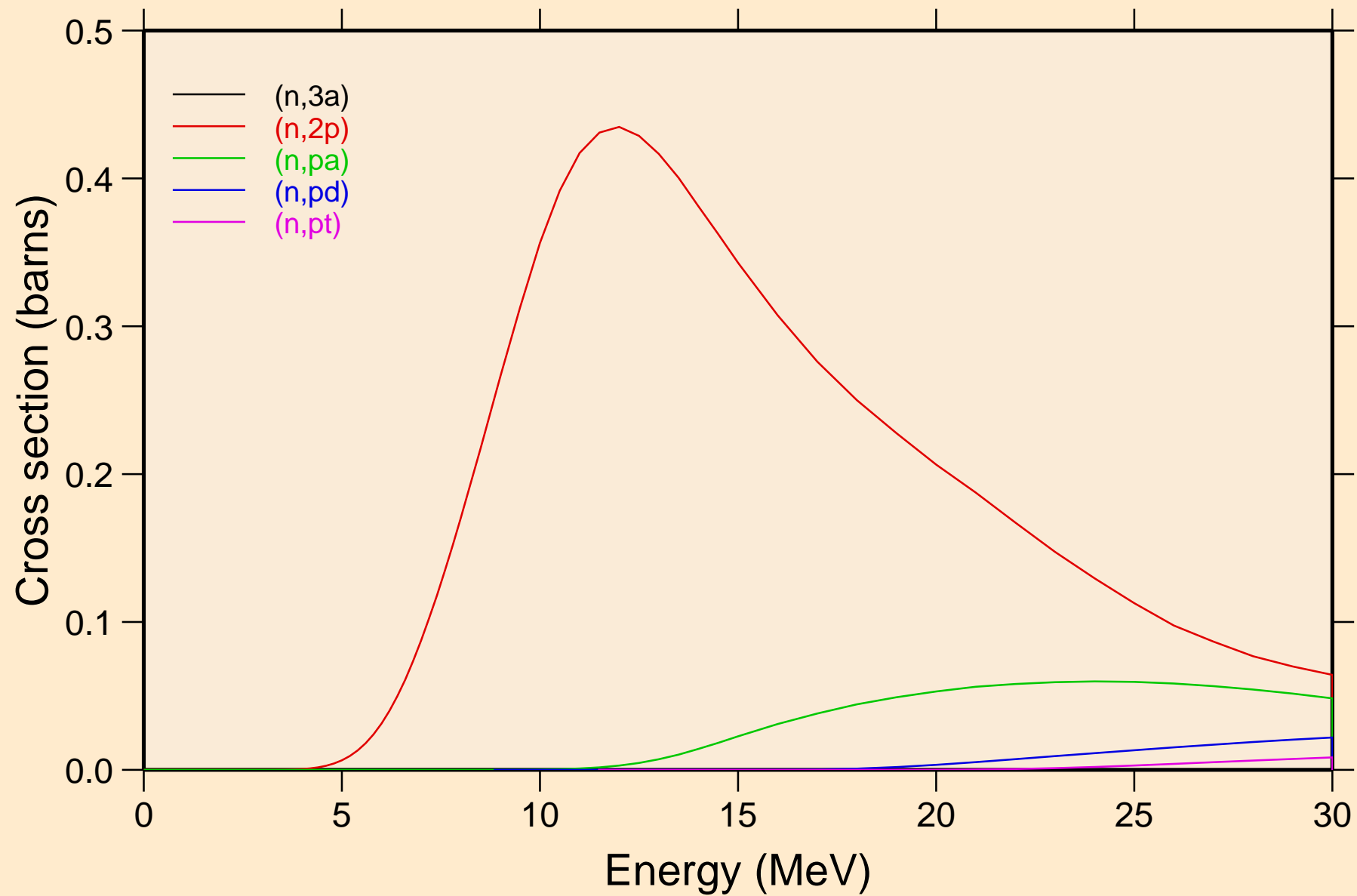
# ZR085 NRG TENDL-2015, AKONING

## Threshold reactions



# ZR085 NRG TENDL-2015, AKONING

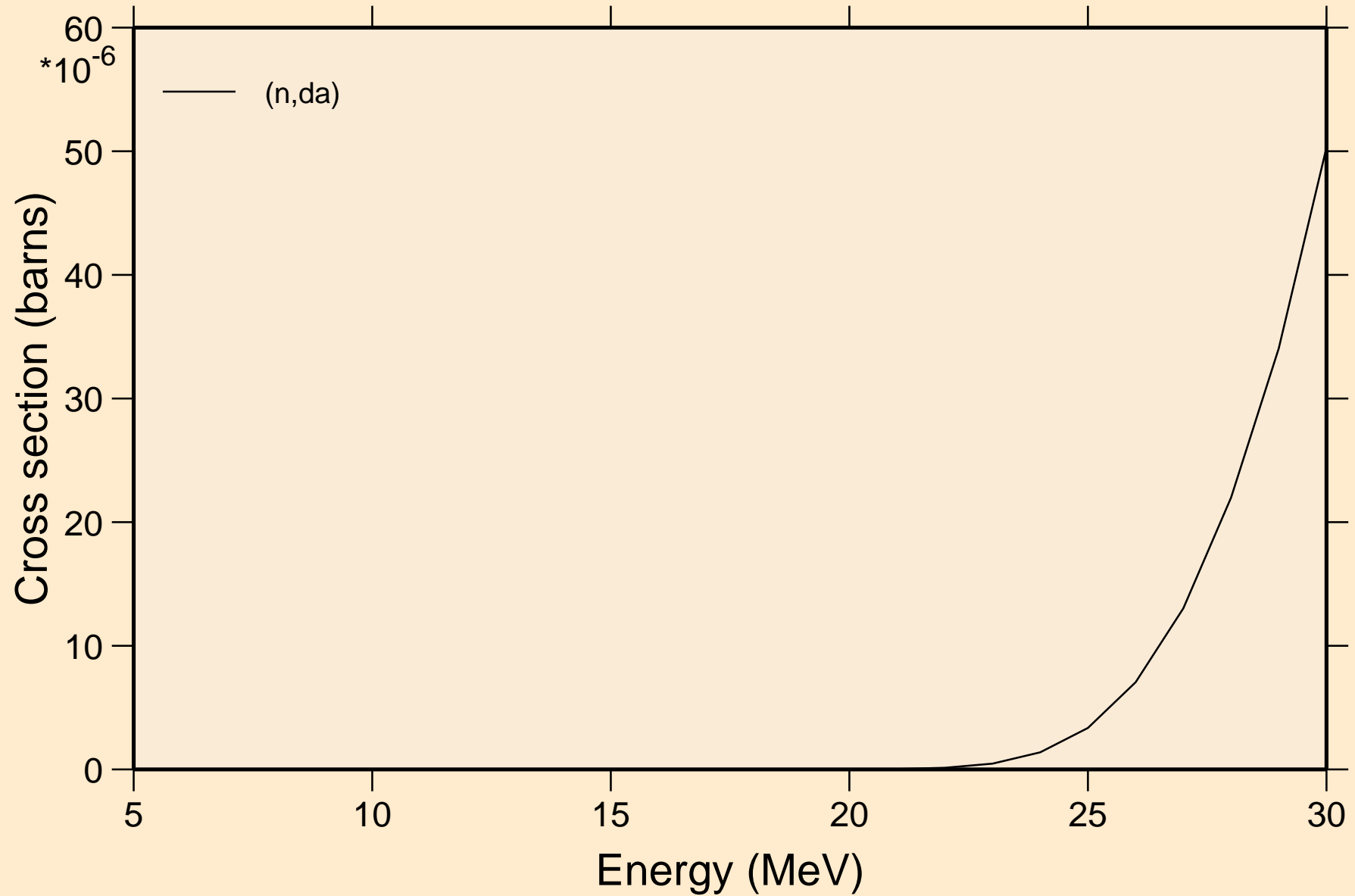
## Threshold reactions



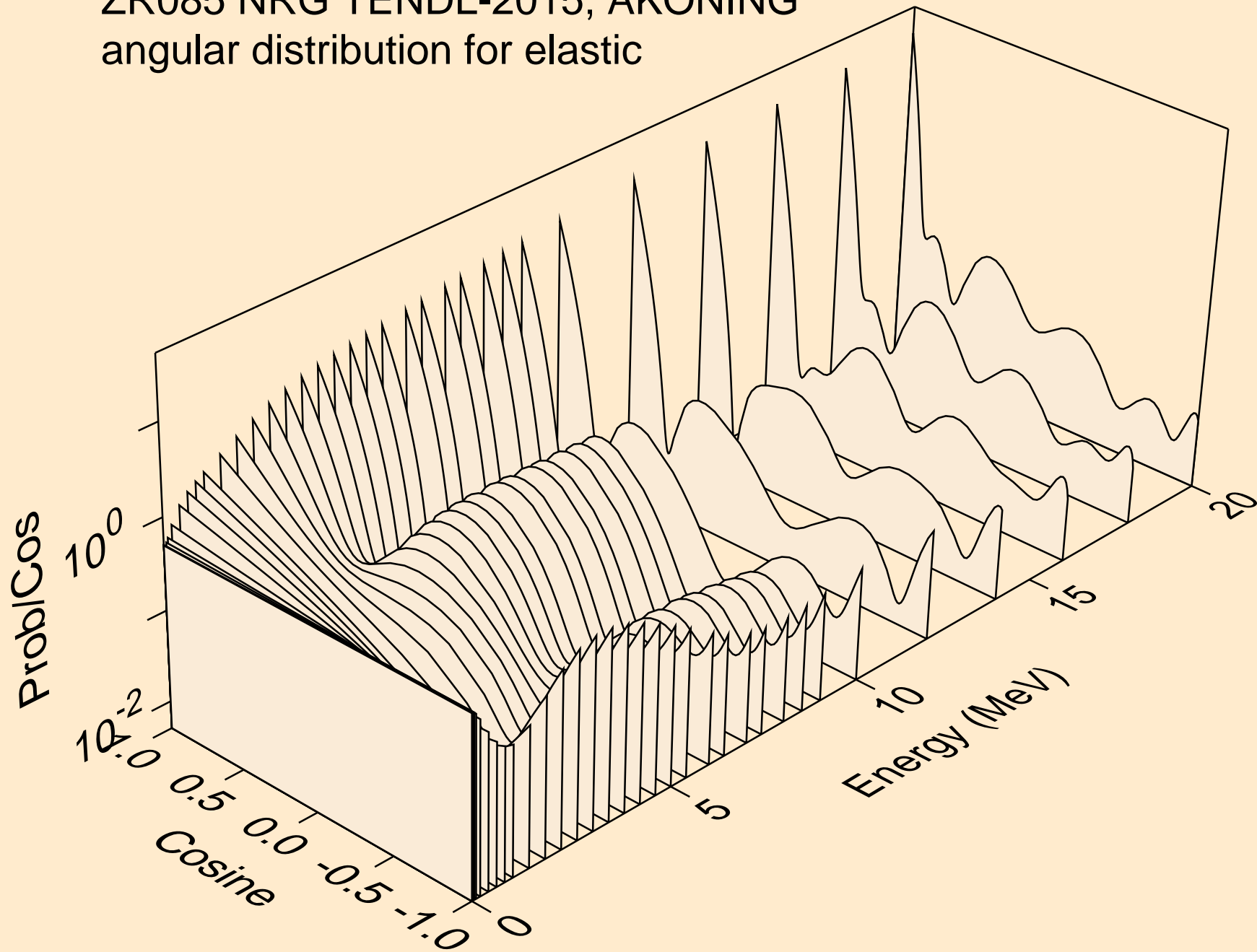


# ZR085 NRG TENDL-2015, AKONING

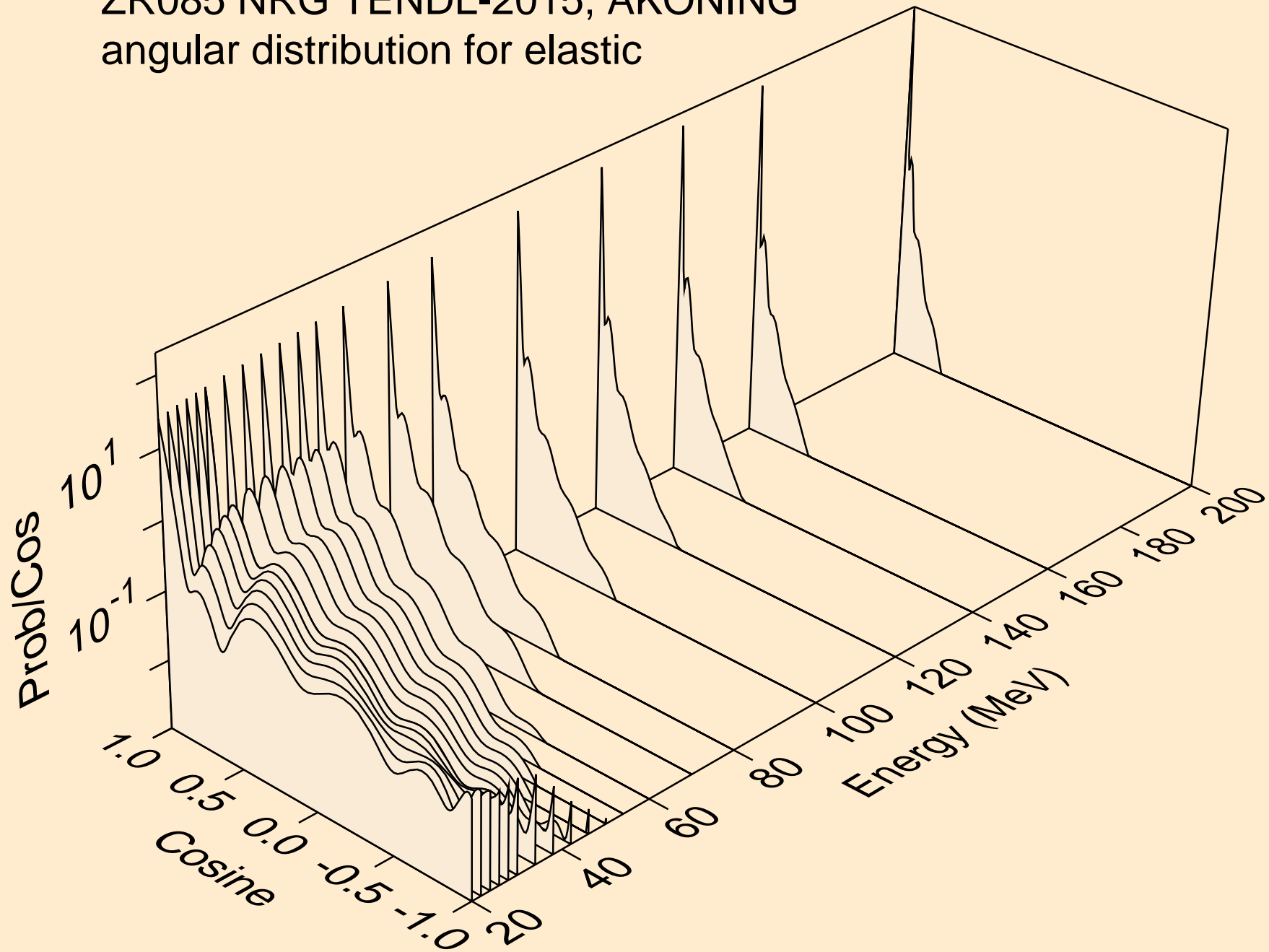
## Threshold reactions



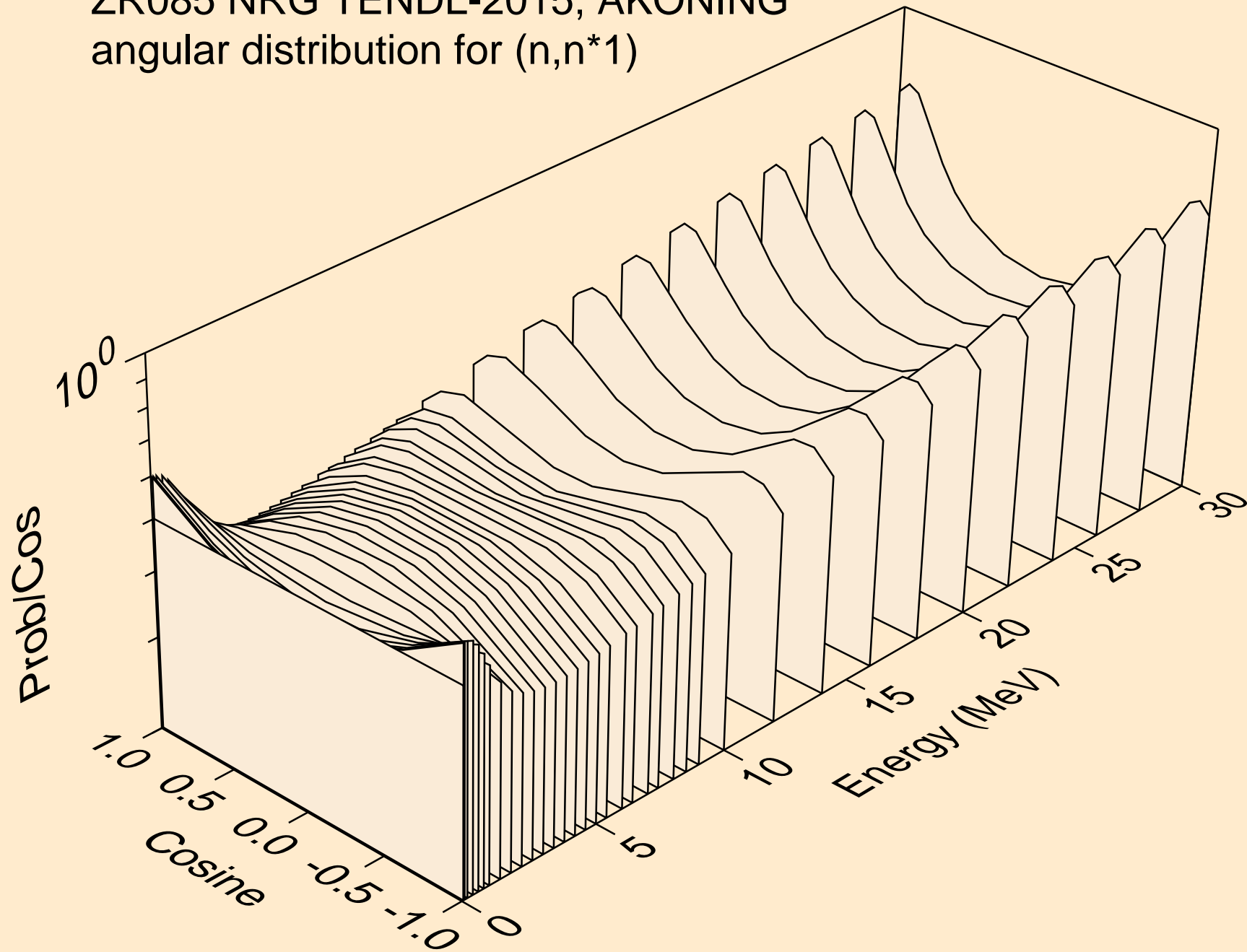
ZR085 NRG TENDL-2015, AKONING  
angular distribution for elastic



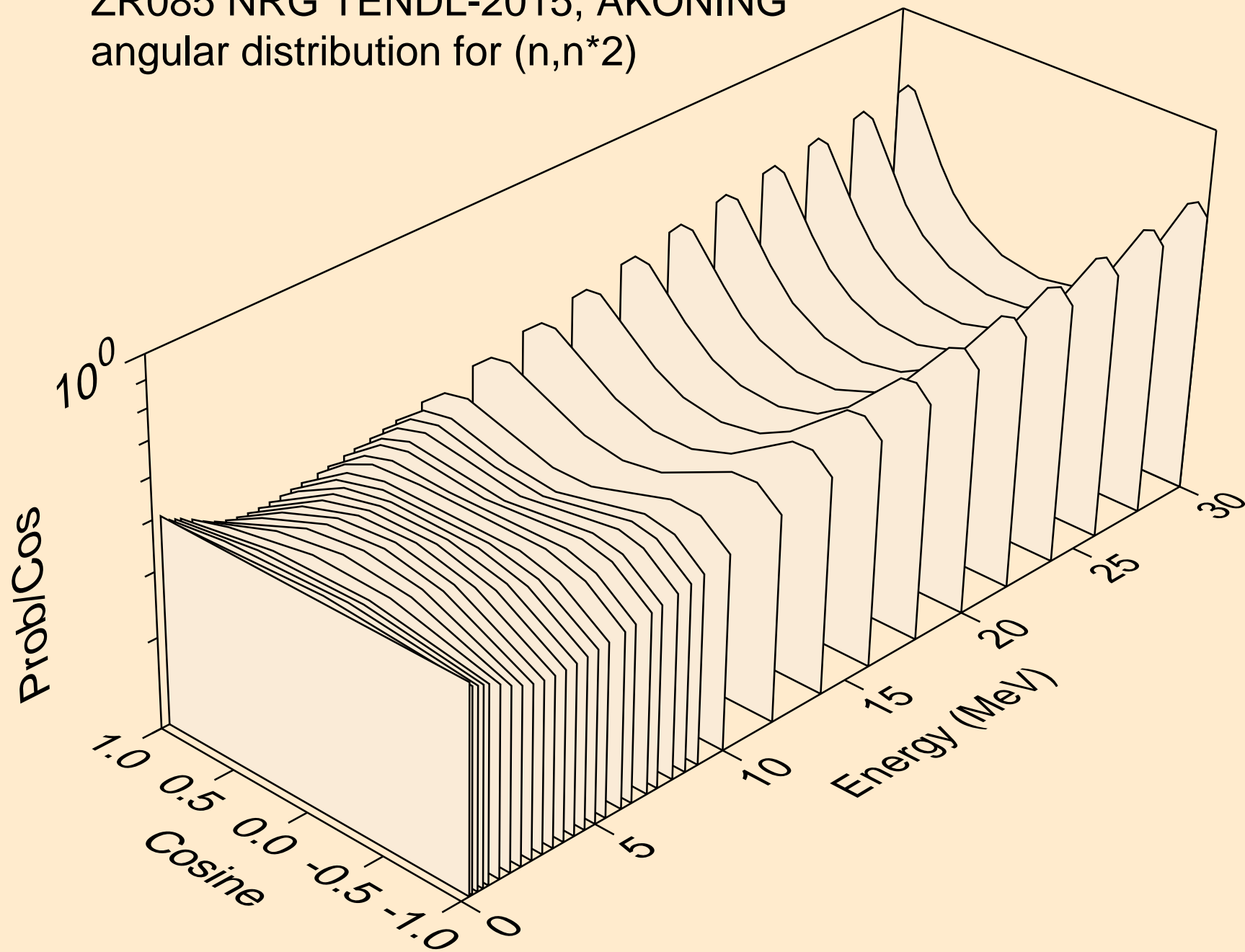
ZR085 NRG TENDL-2015, AKONING  
angular distribution for elastic



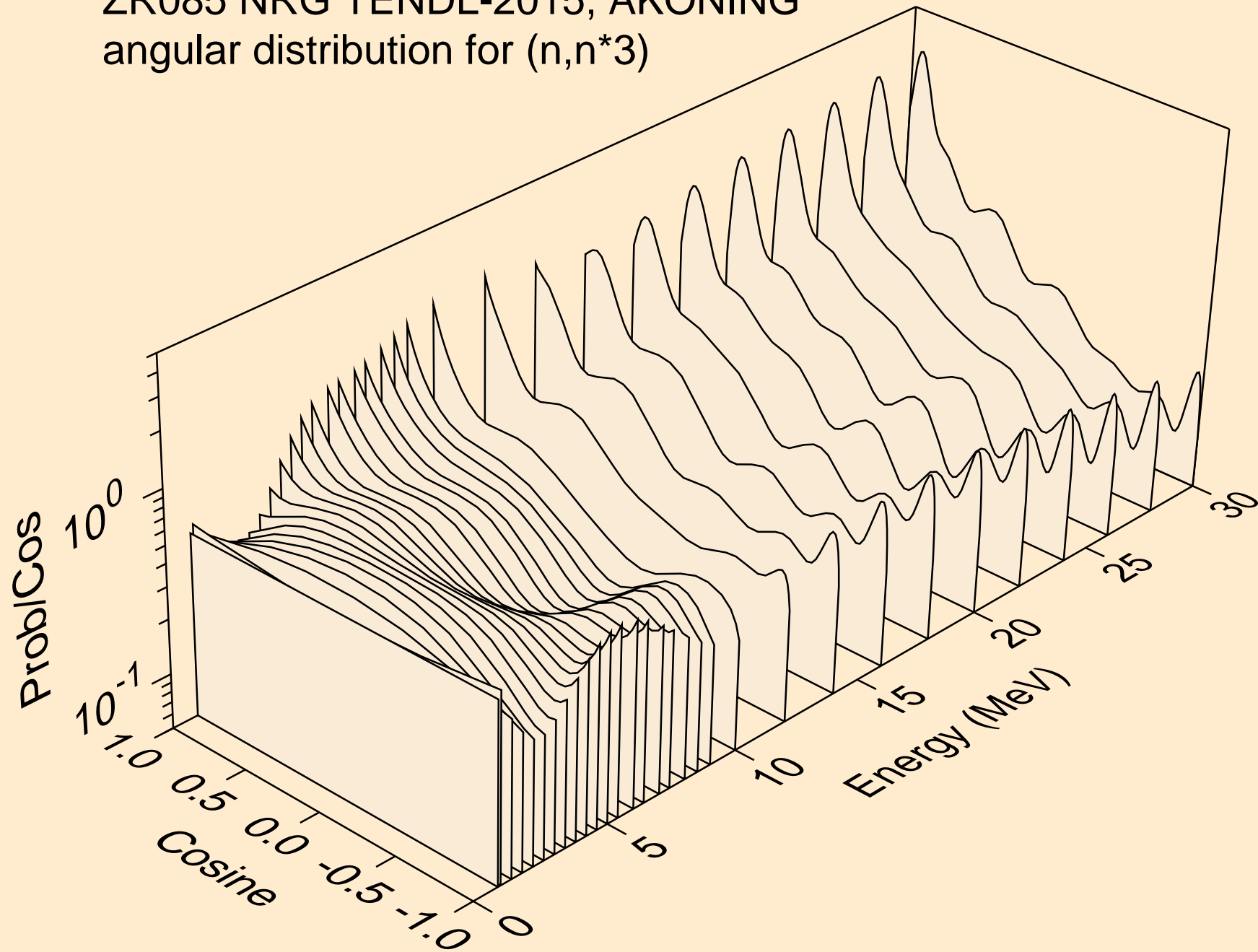
ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



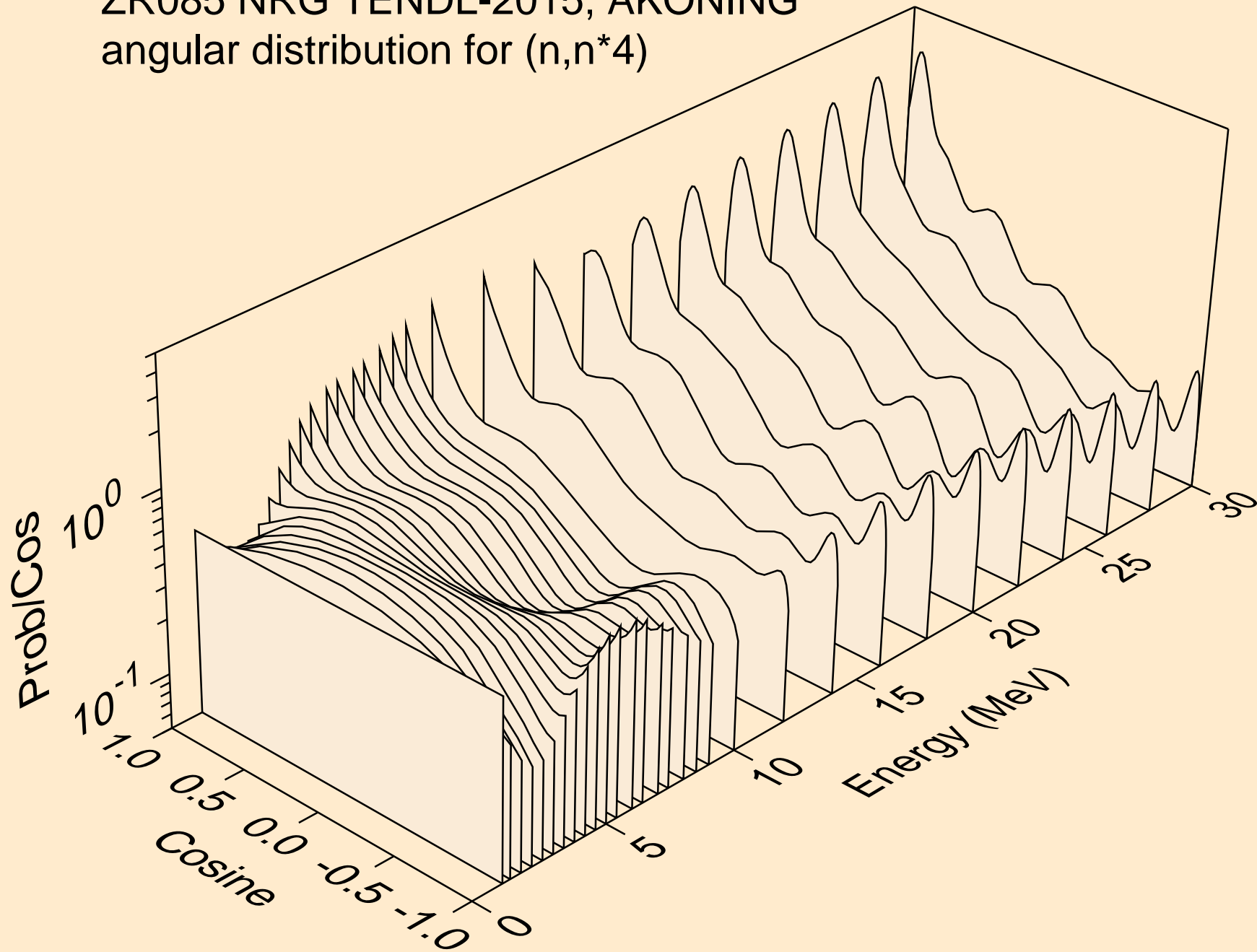
ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



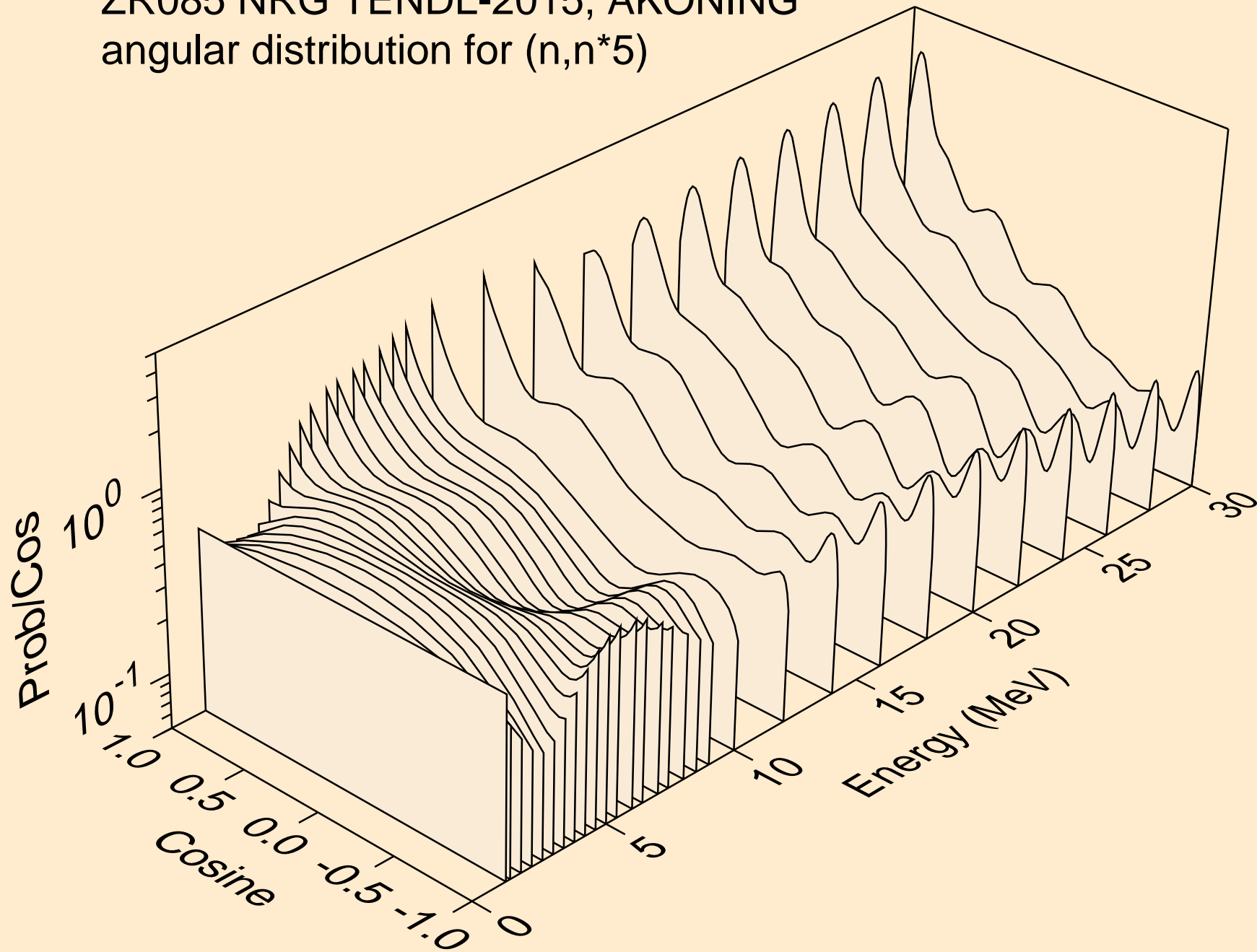
ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

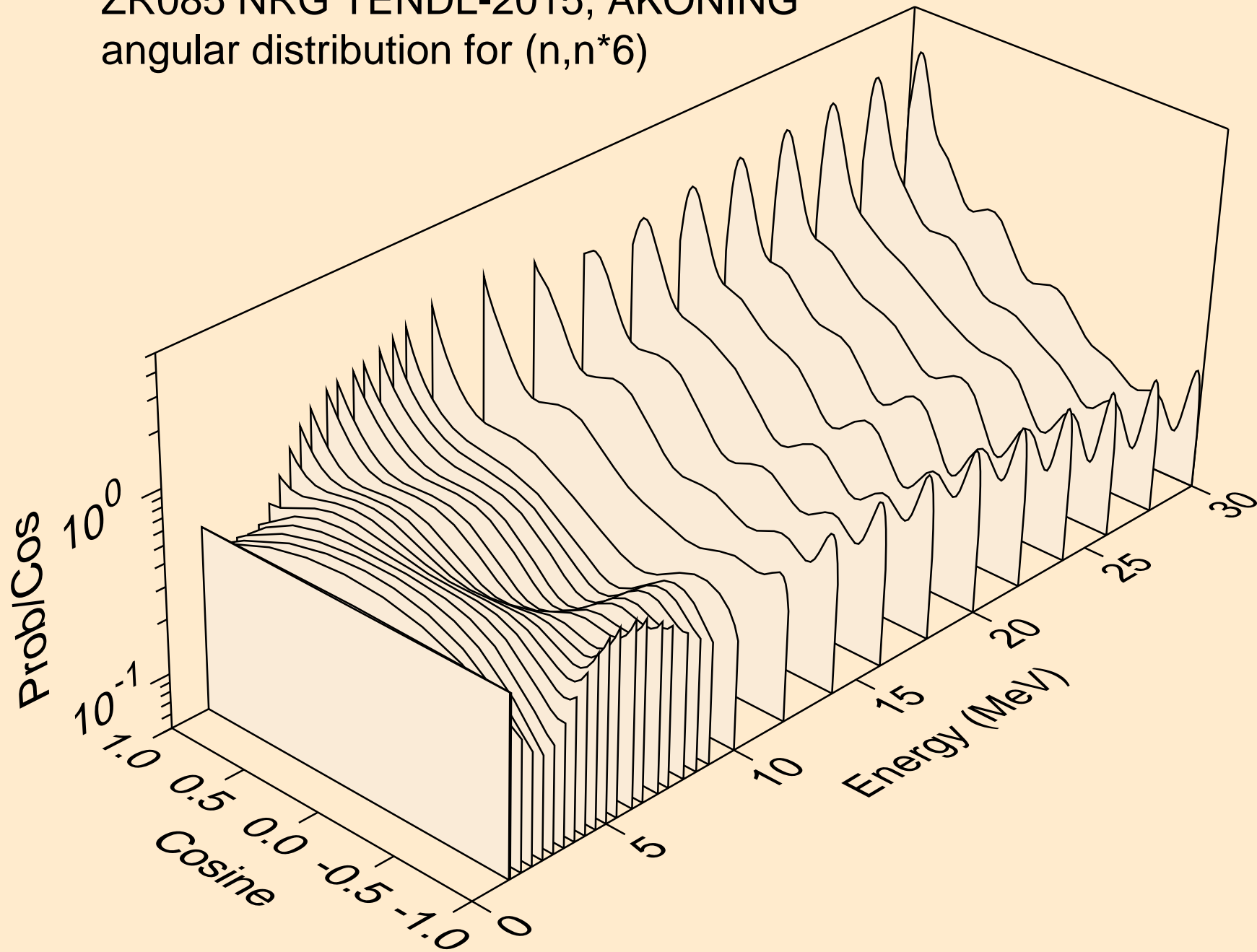


ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

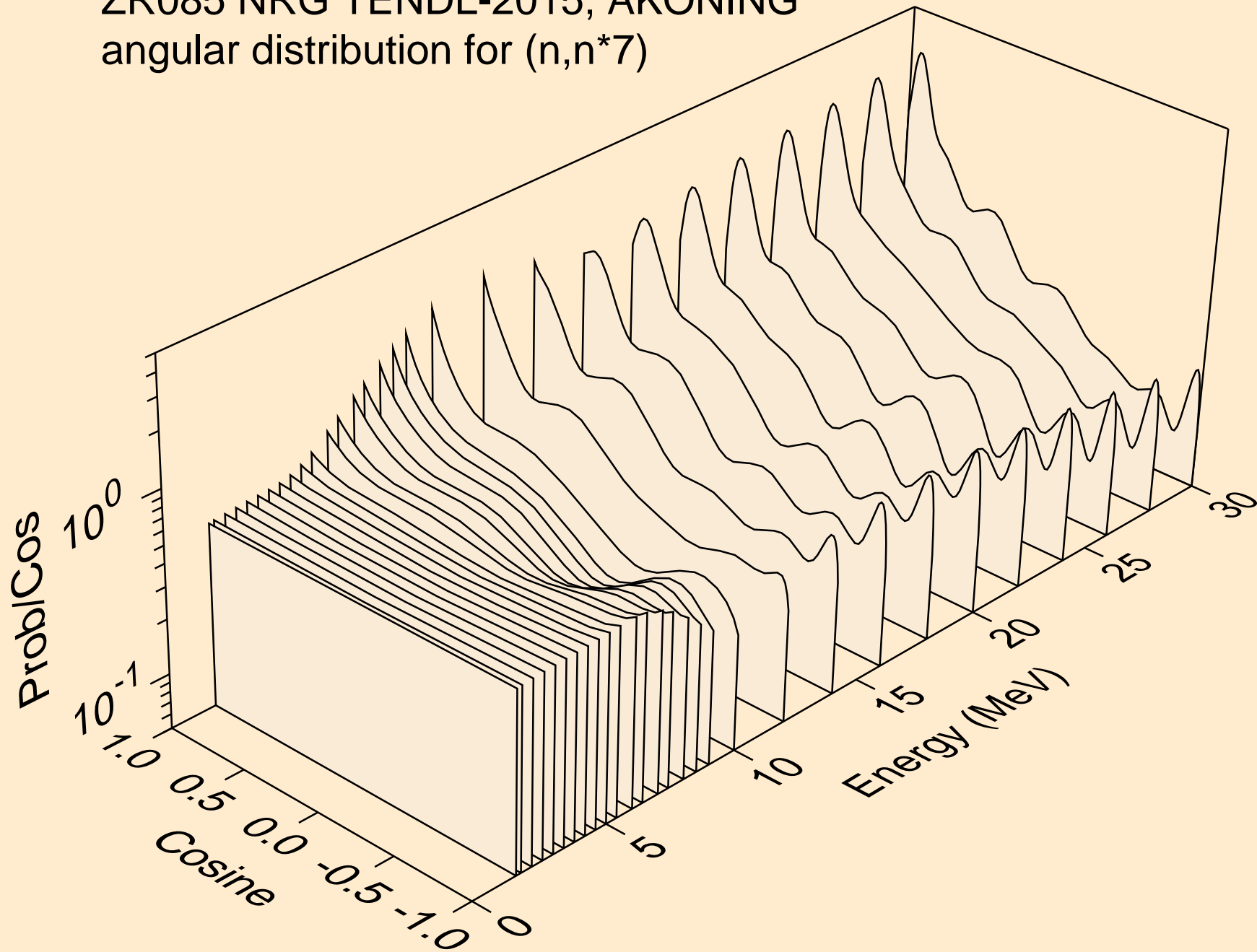




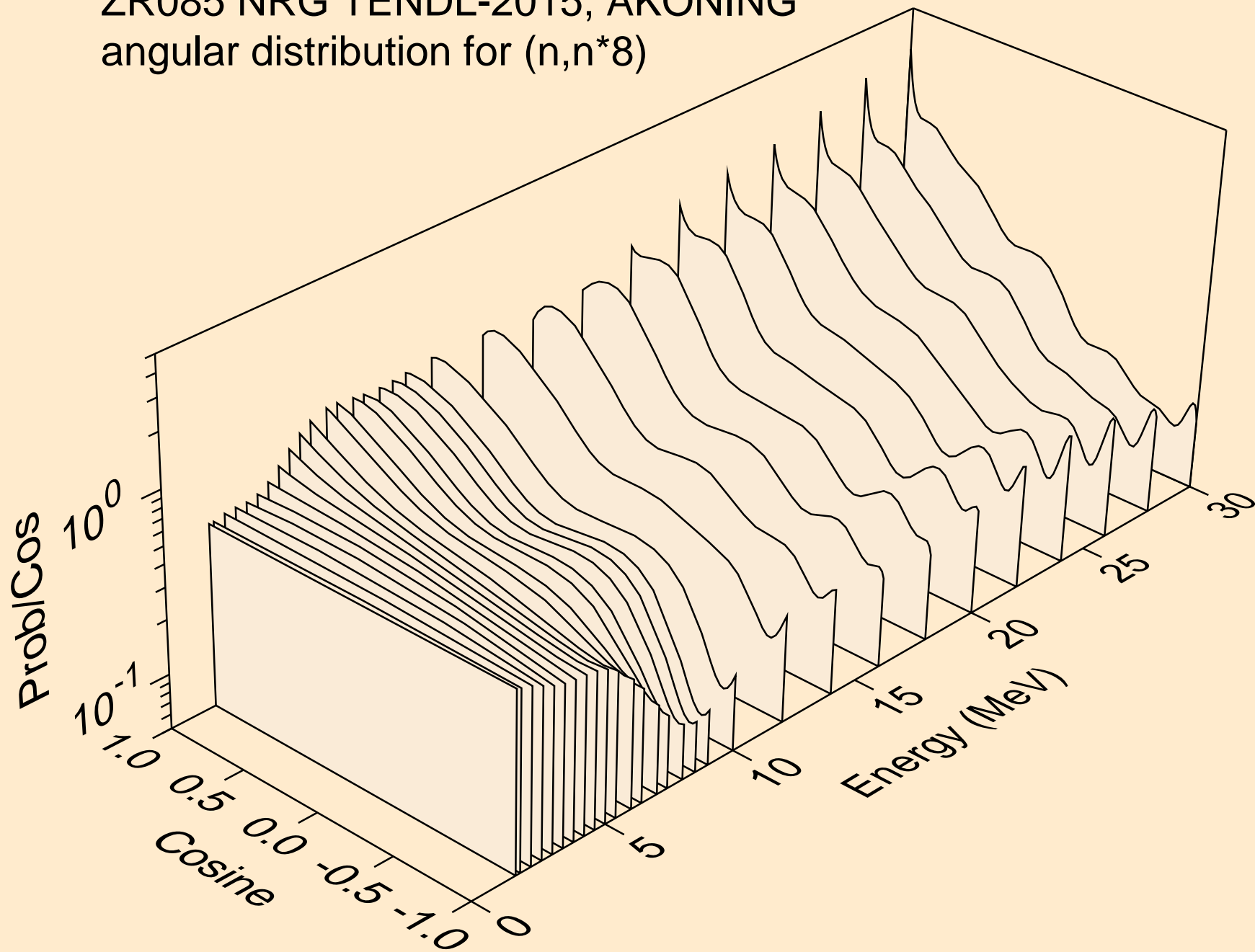
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angular distribution for (n,n\*6)



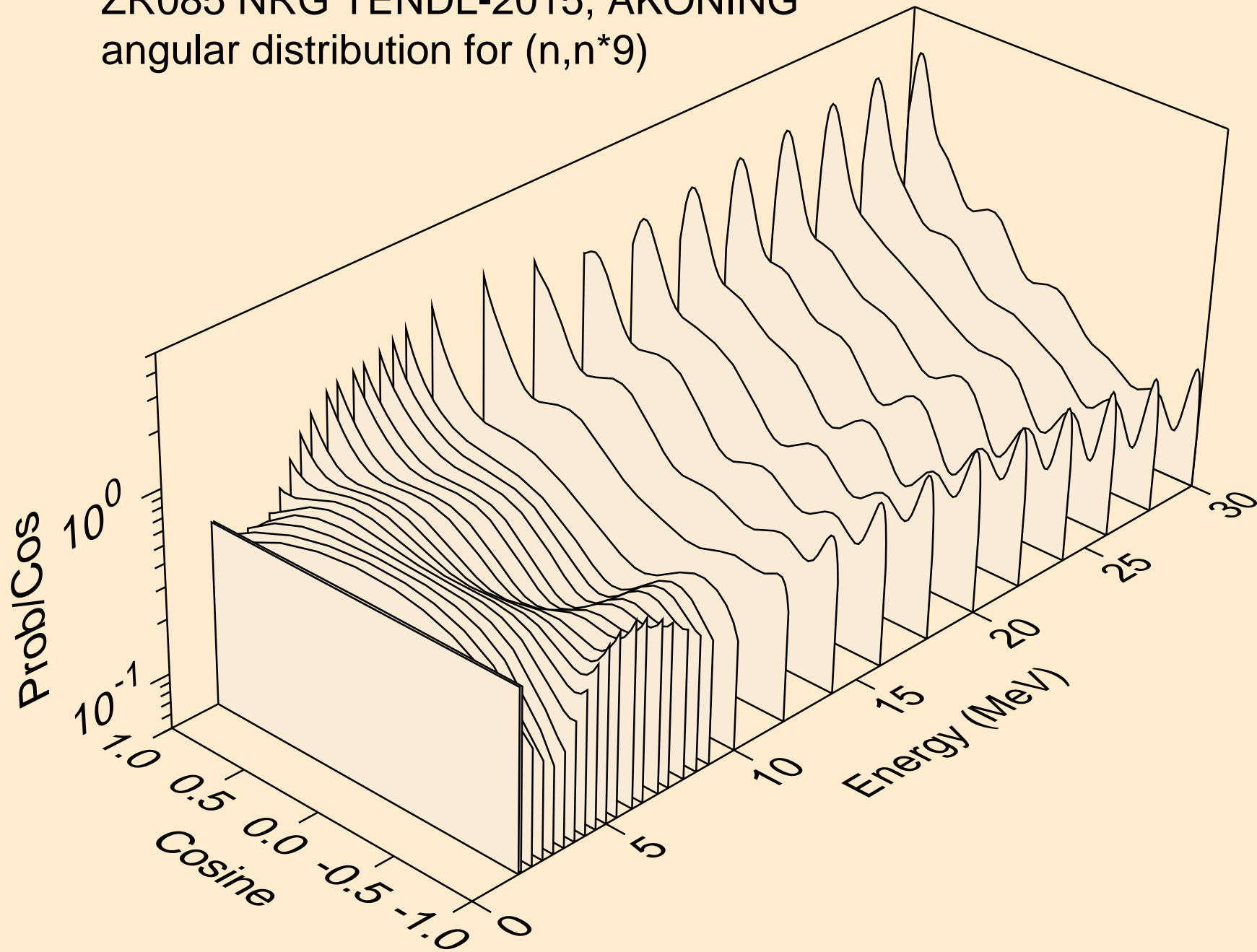
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angular distribution for (n,n\*7)



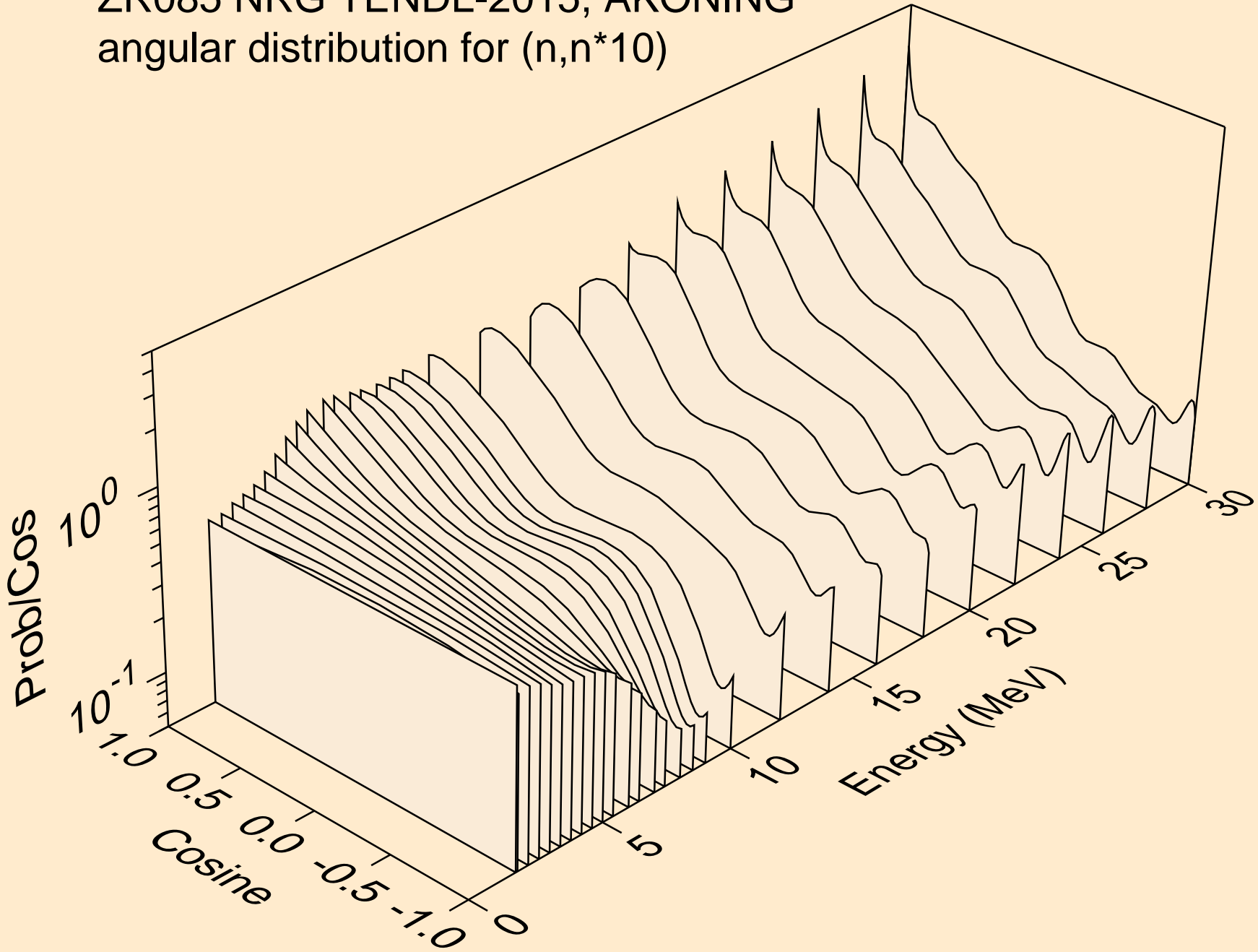
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angular distribution for (n,n\*8)



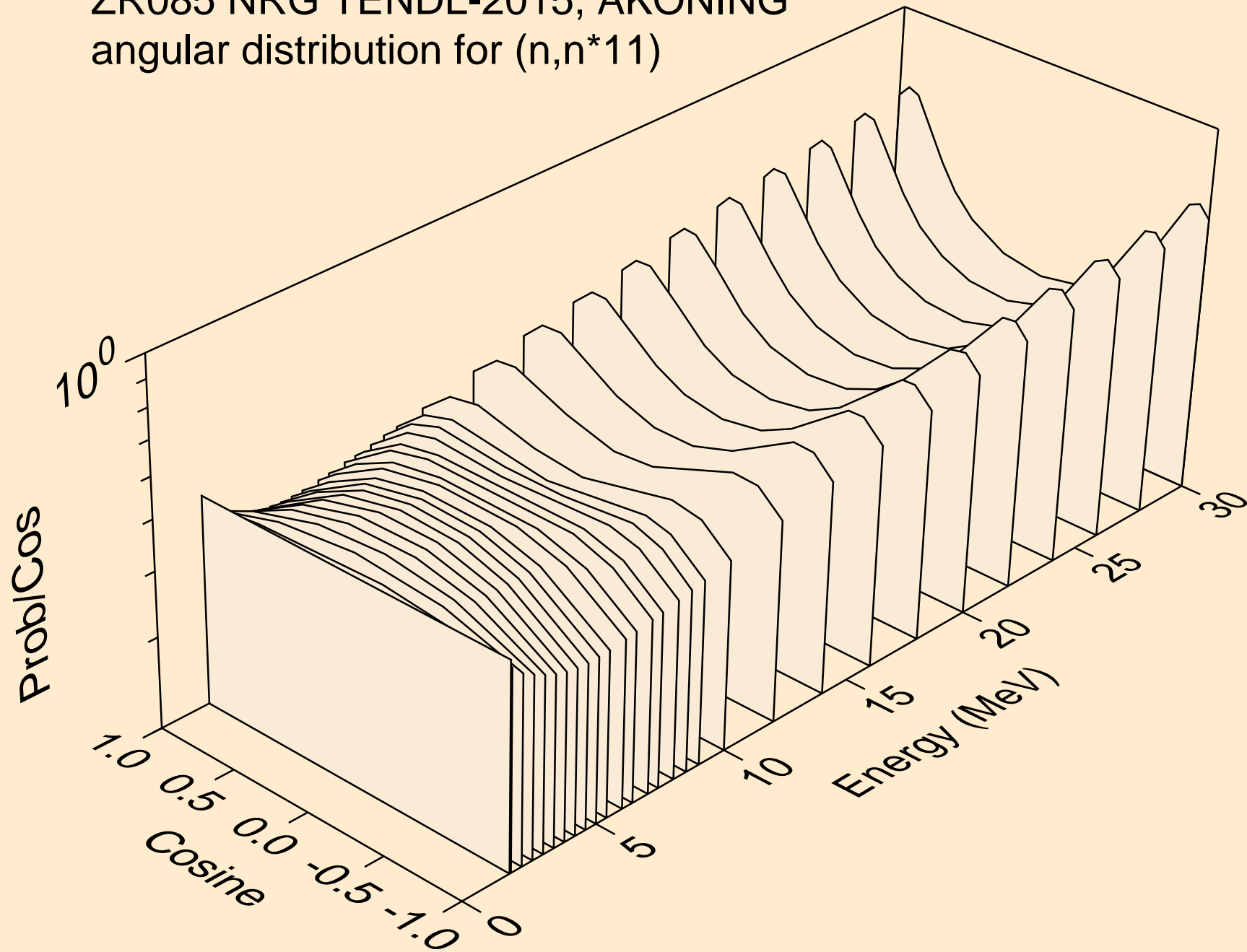
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angular distribution for (n,n\*9)



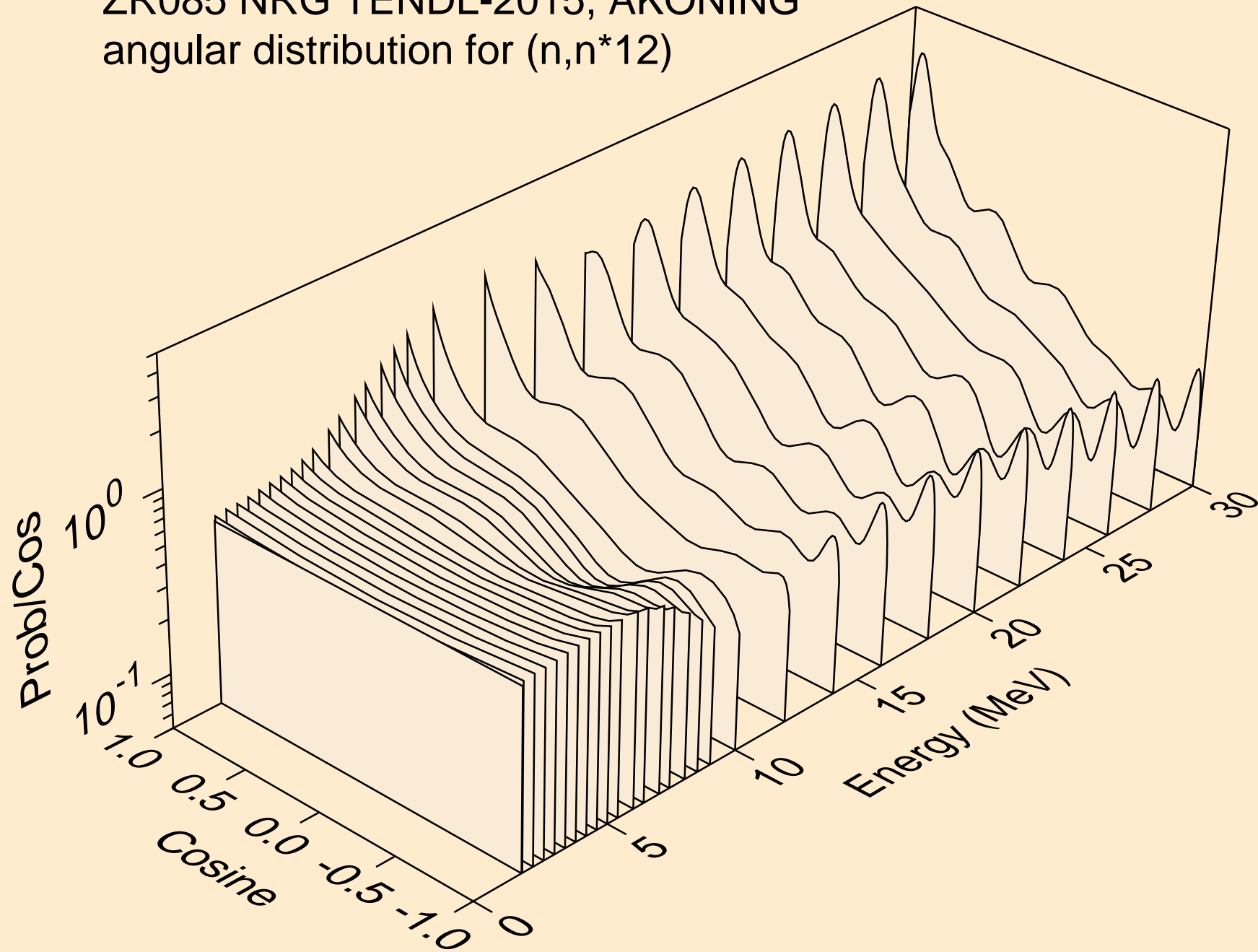
ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



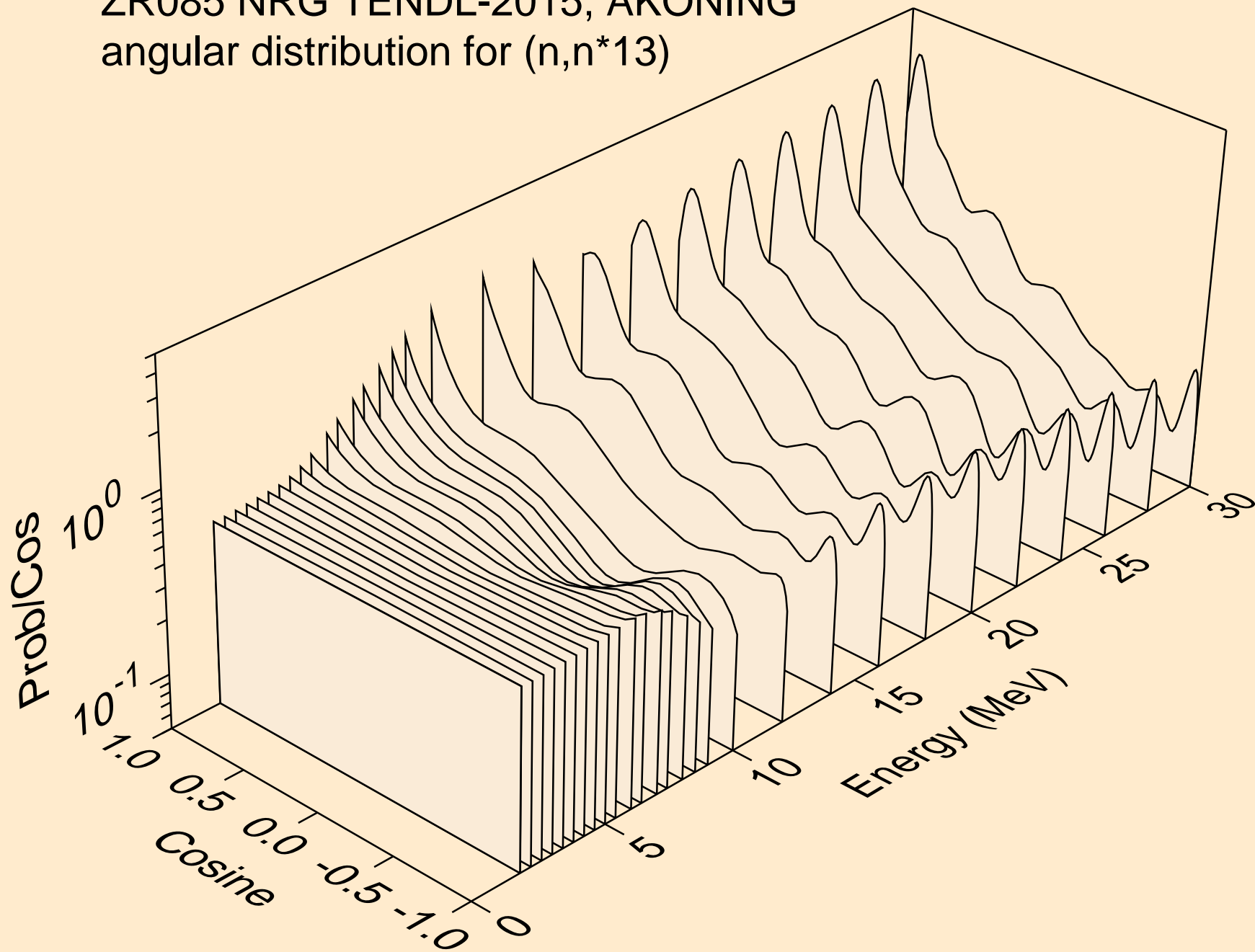
ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

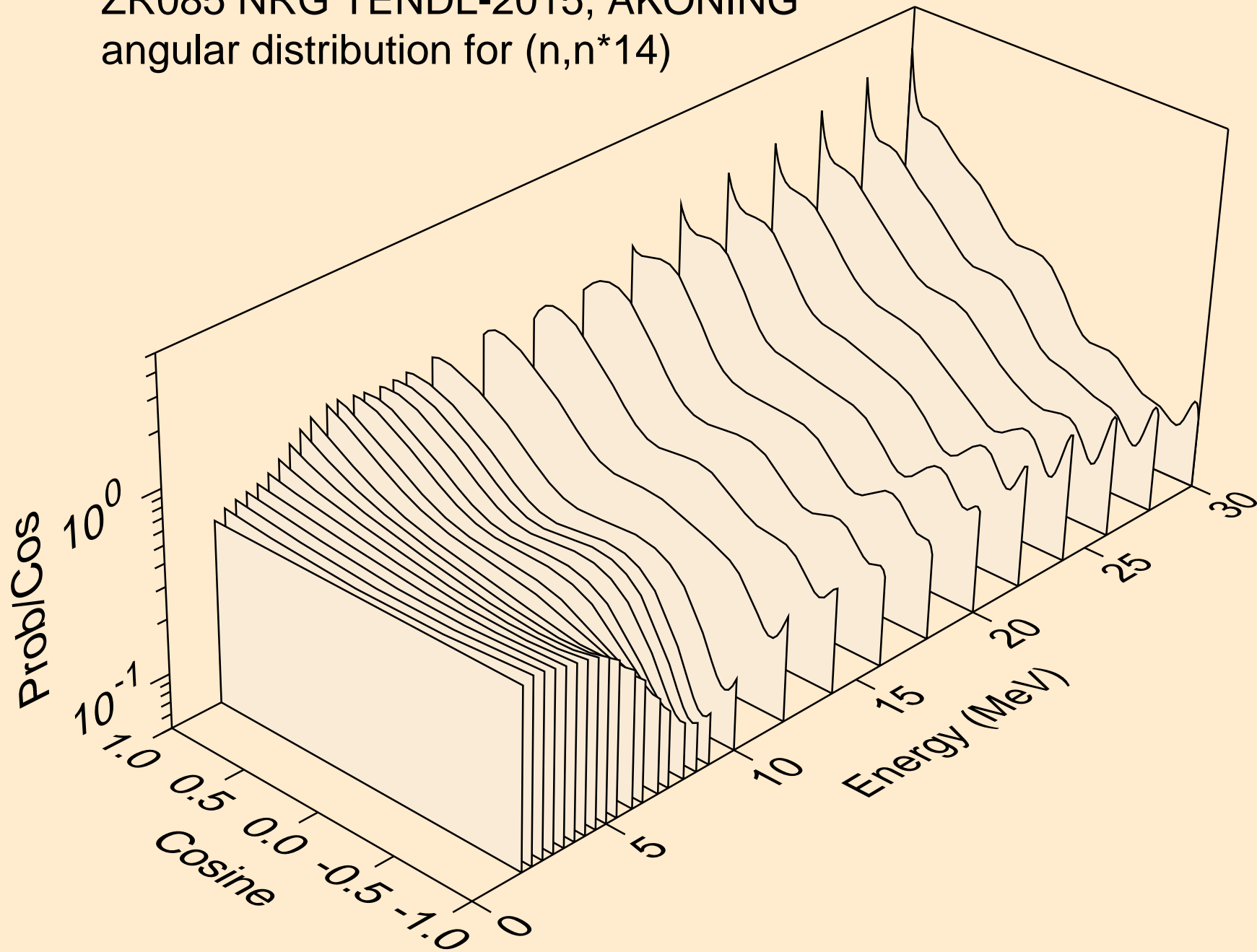


ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

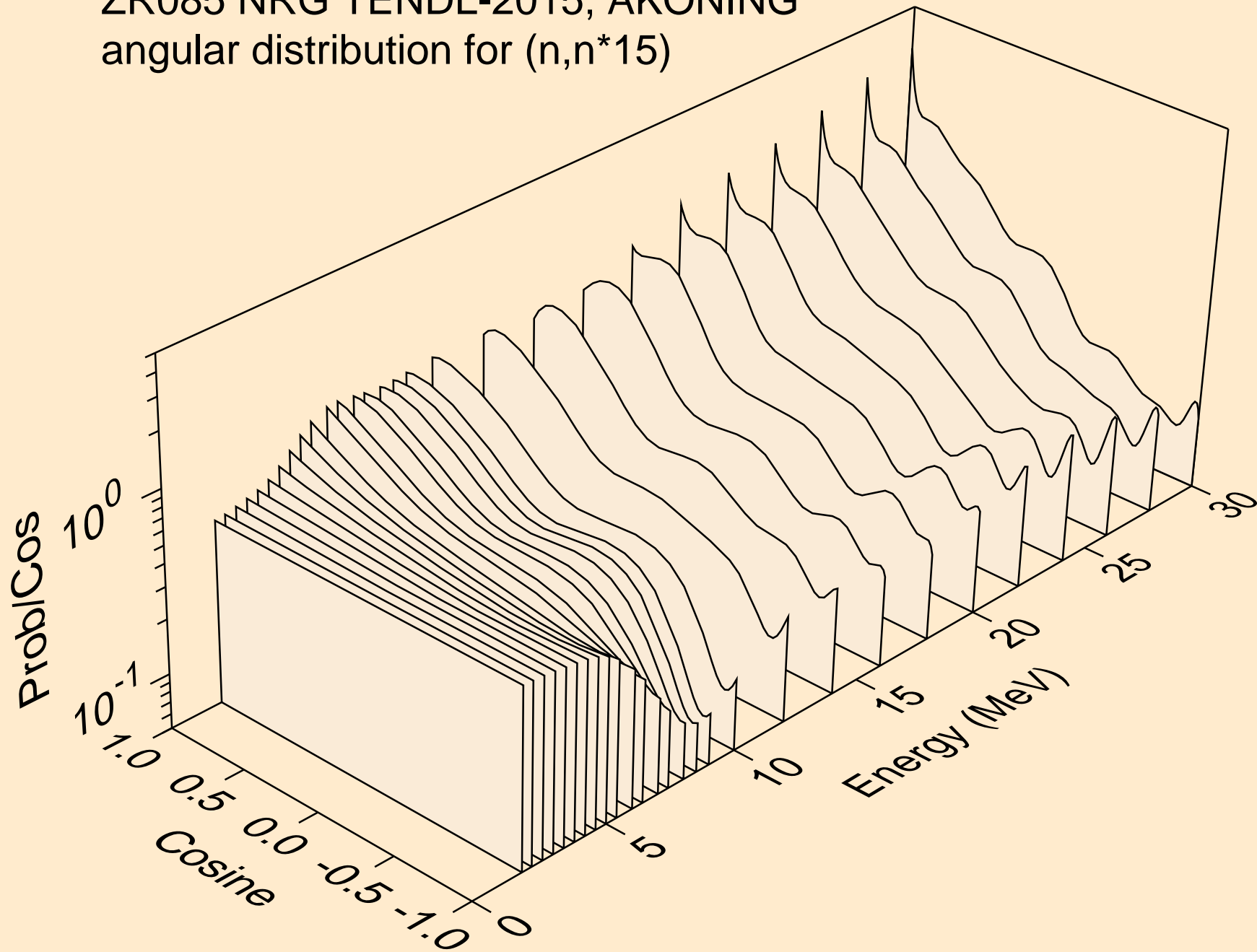




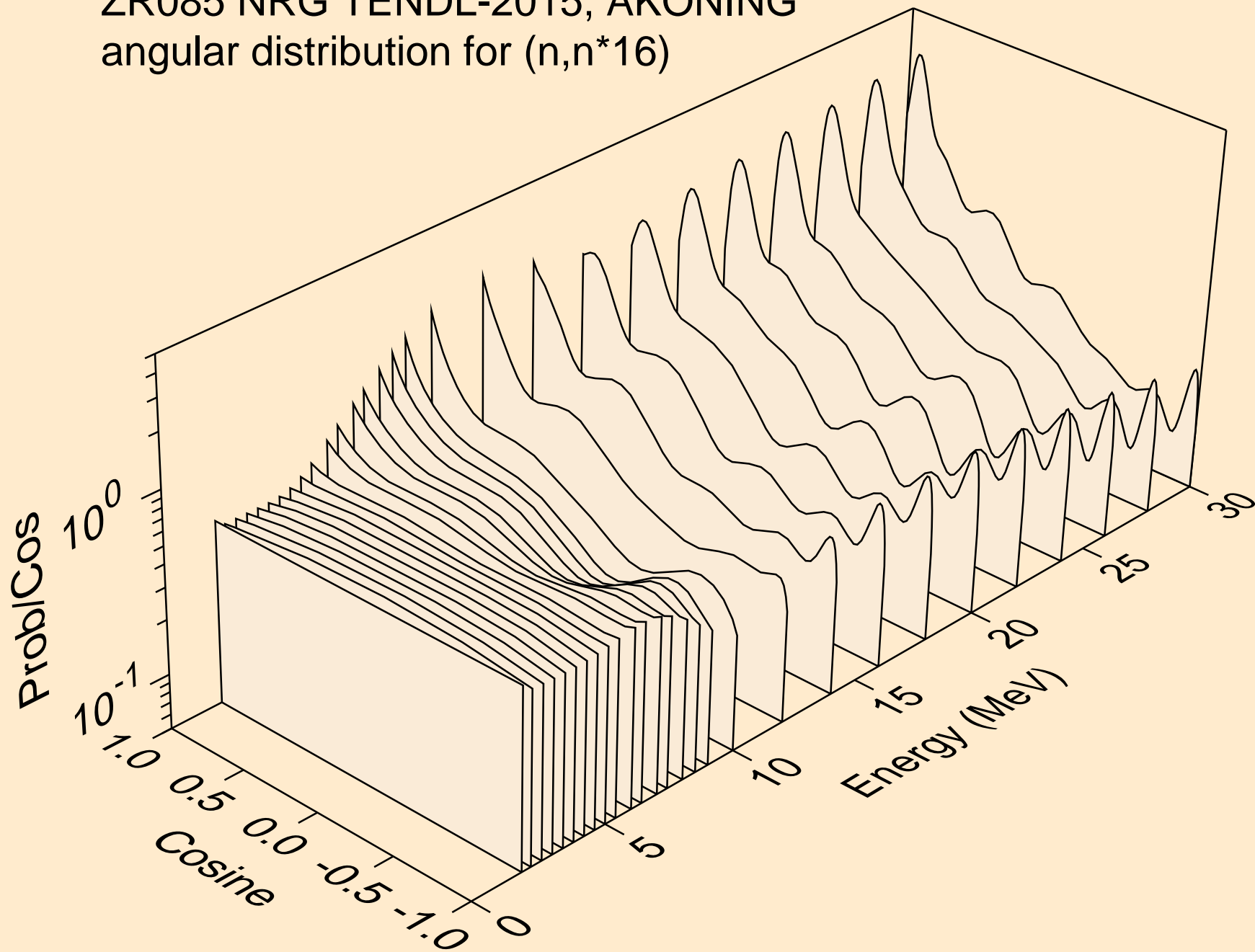
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angular distribution for (n,n\*14)



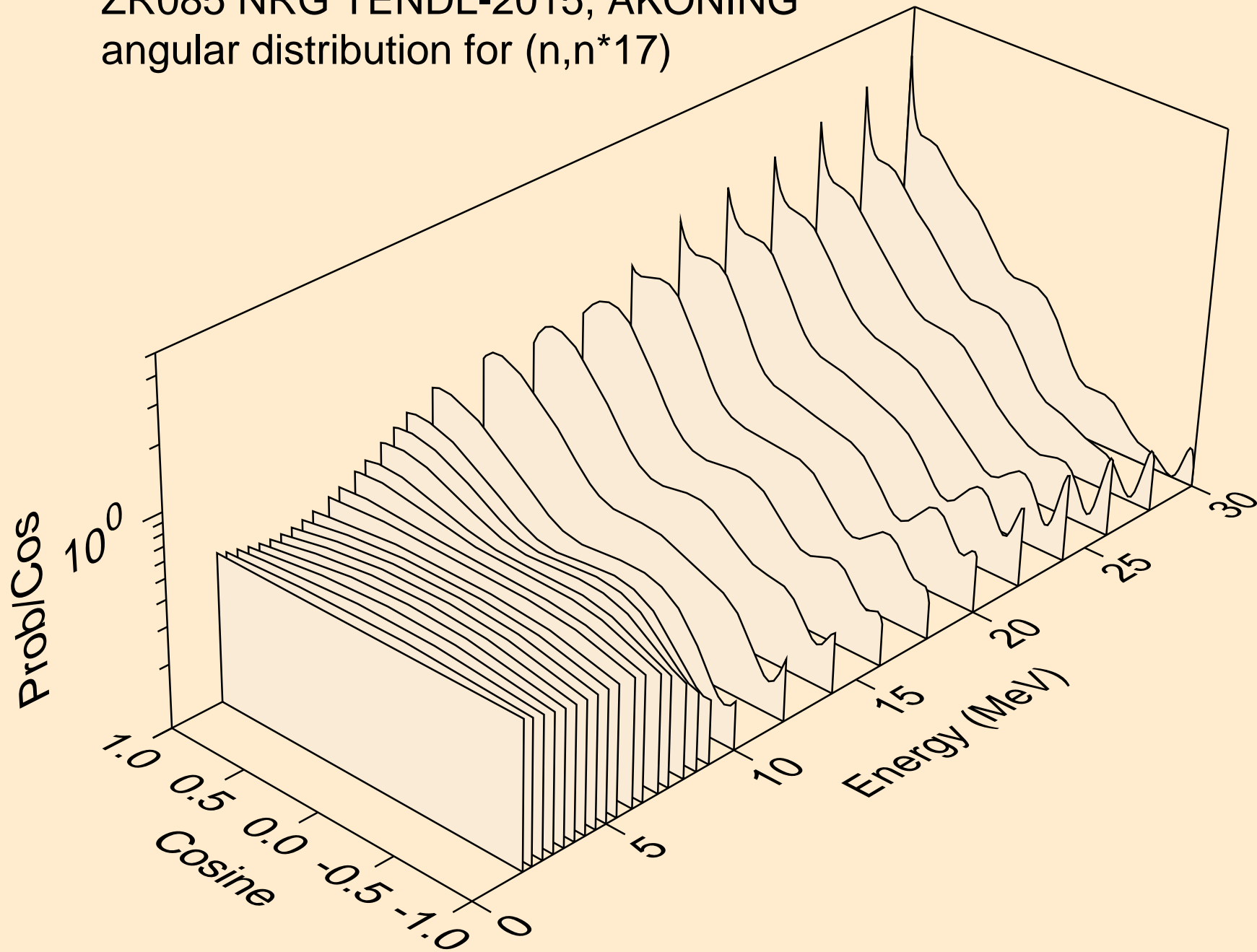
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angular distribution for (n,n\*15)



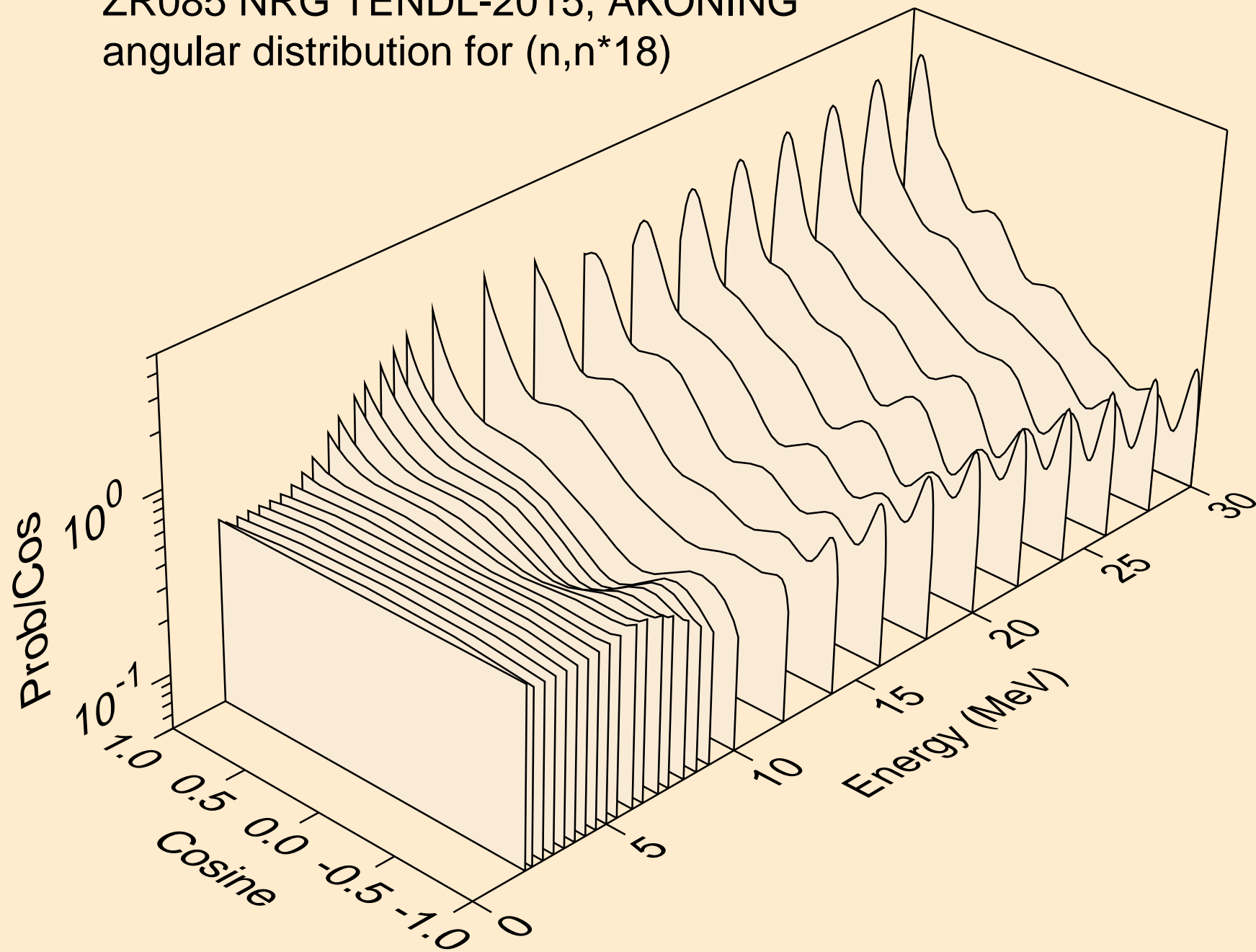
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angular distribution for (n,n\*16)



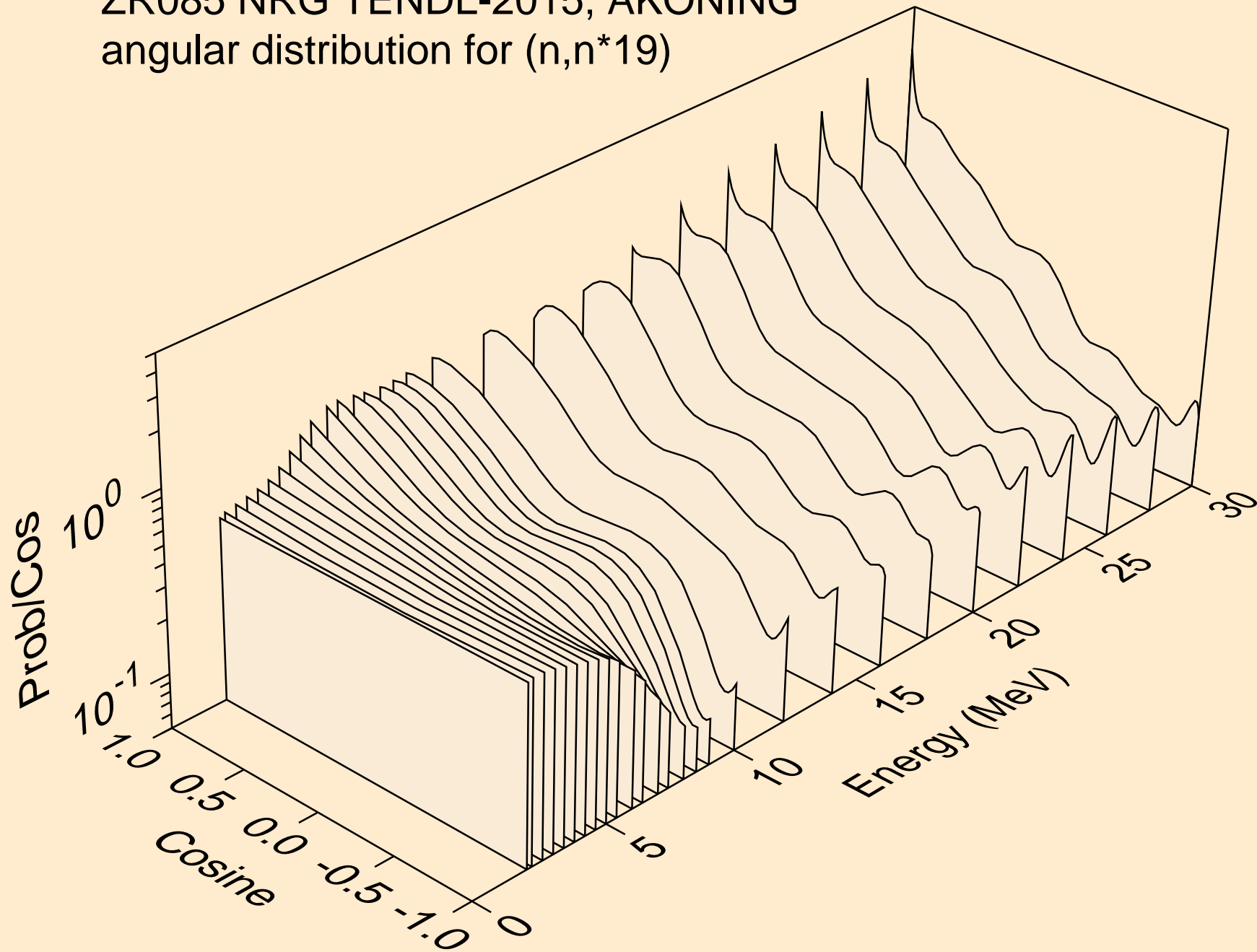
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angular distribution for (n,n\*17)



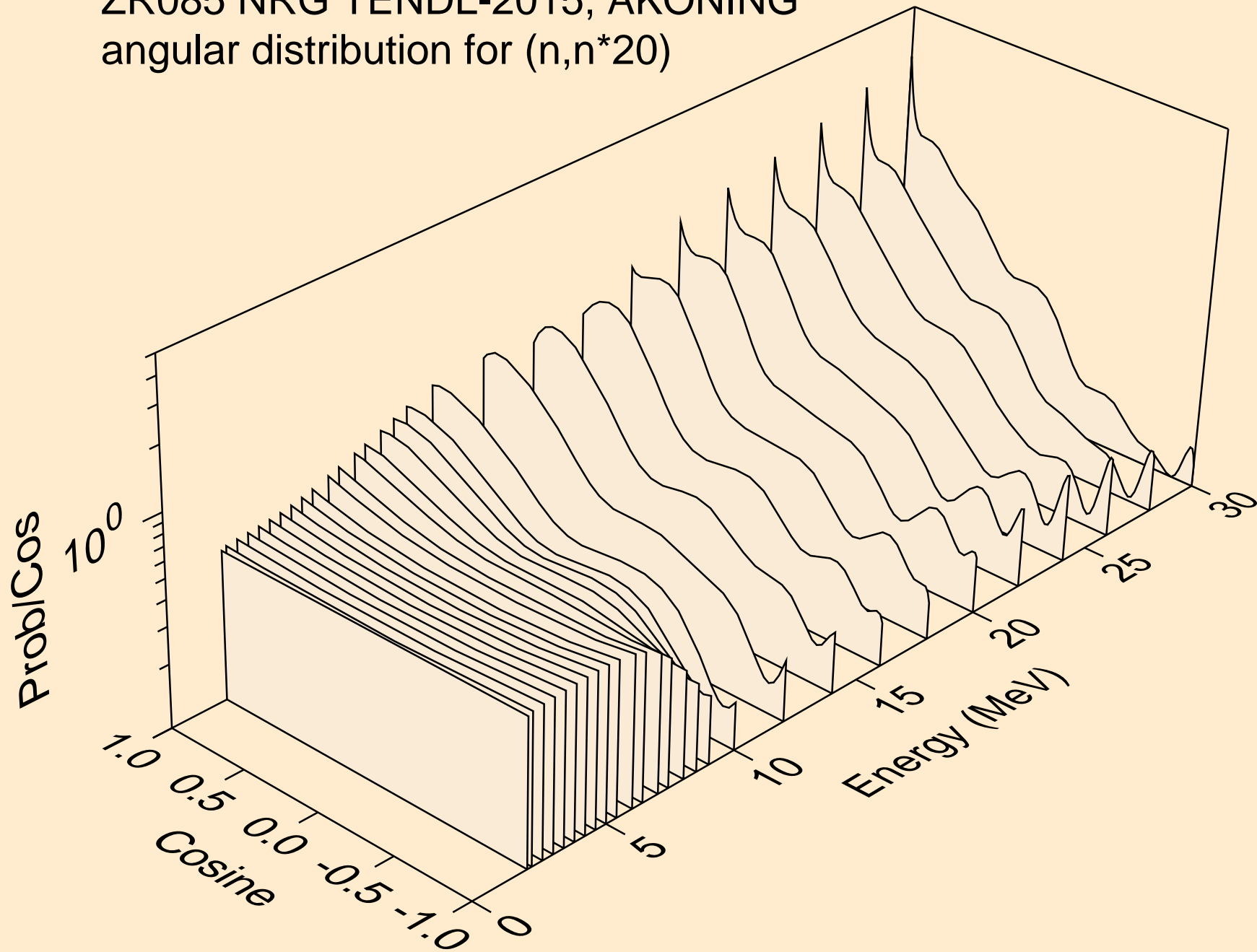
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angular distribution for (n,n\*18)



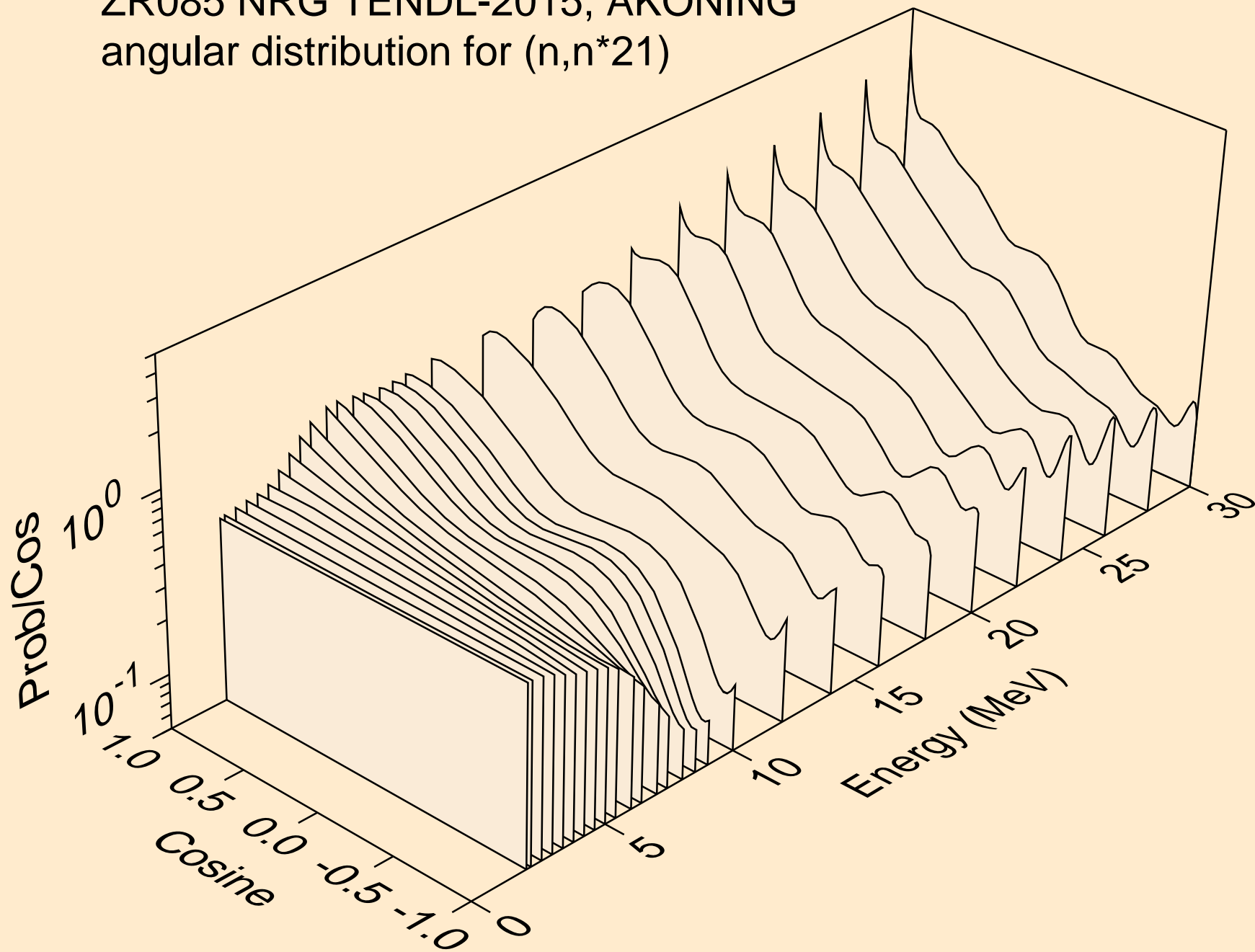
ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

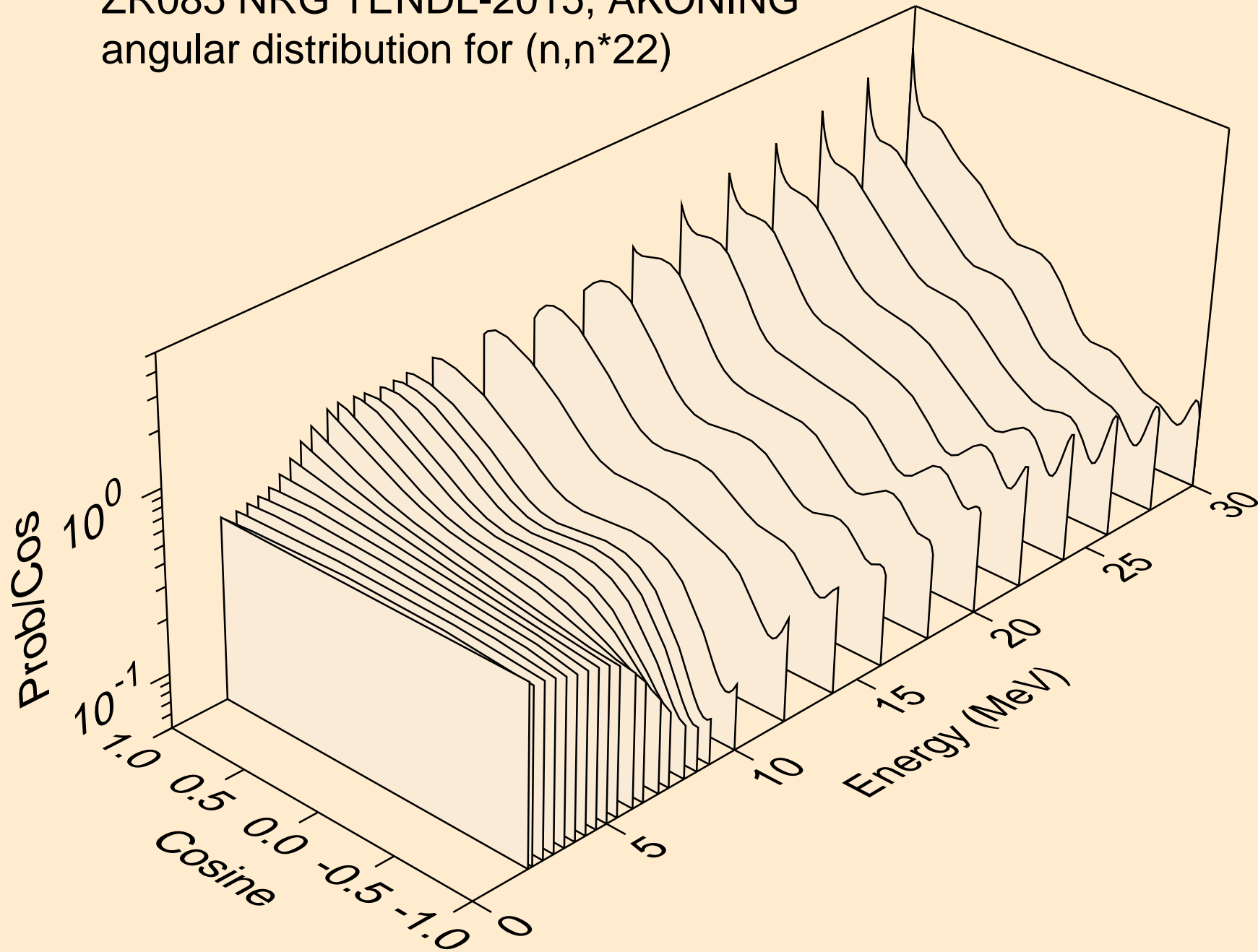


ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

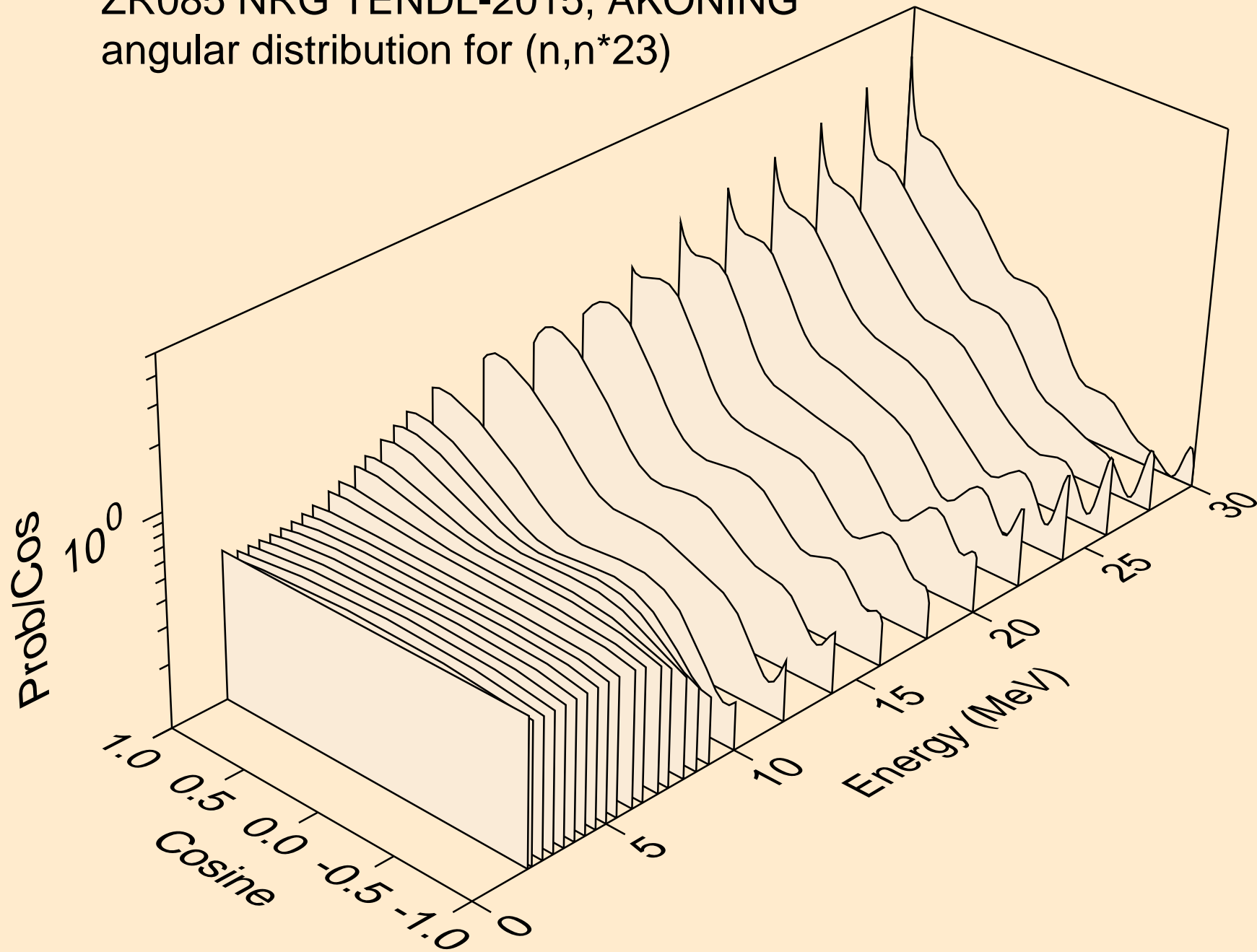




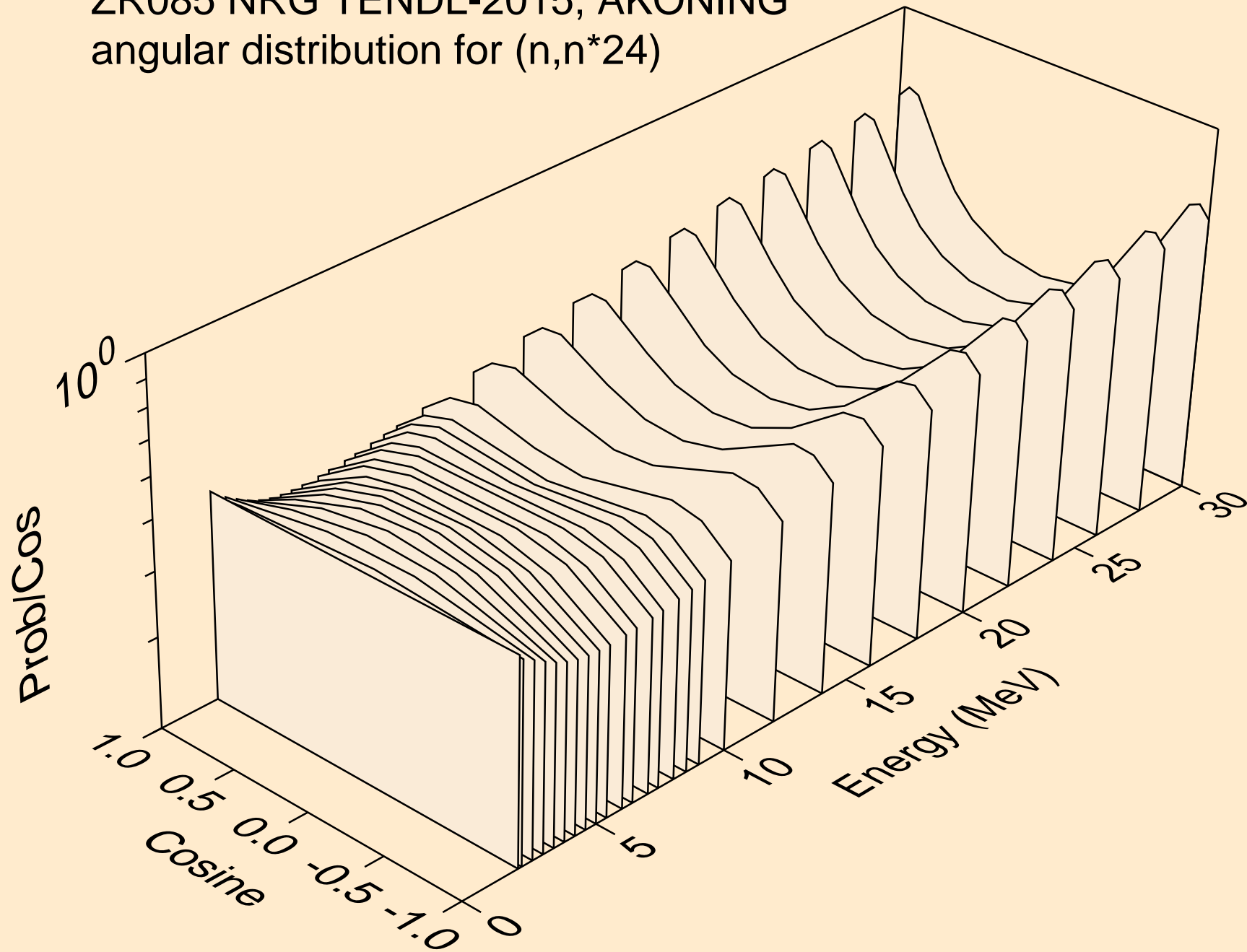
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angular distribution for (n,n\*22)



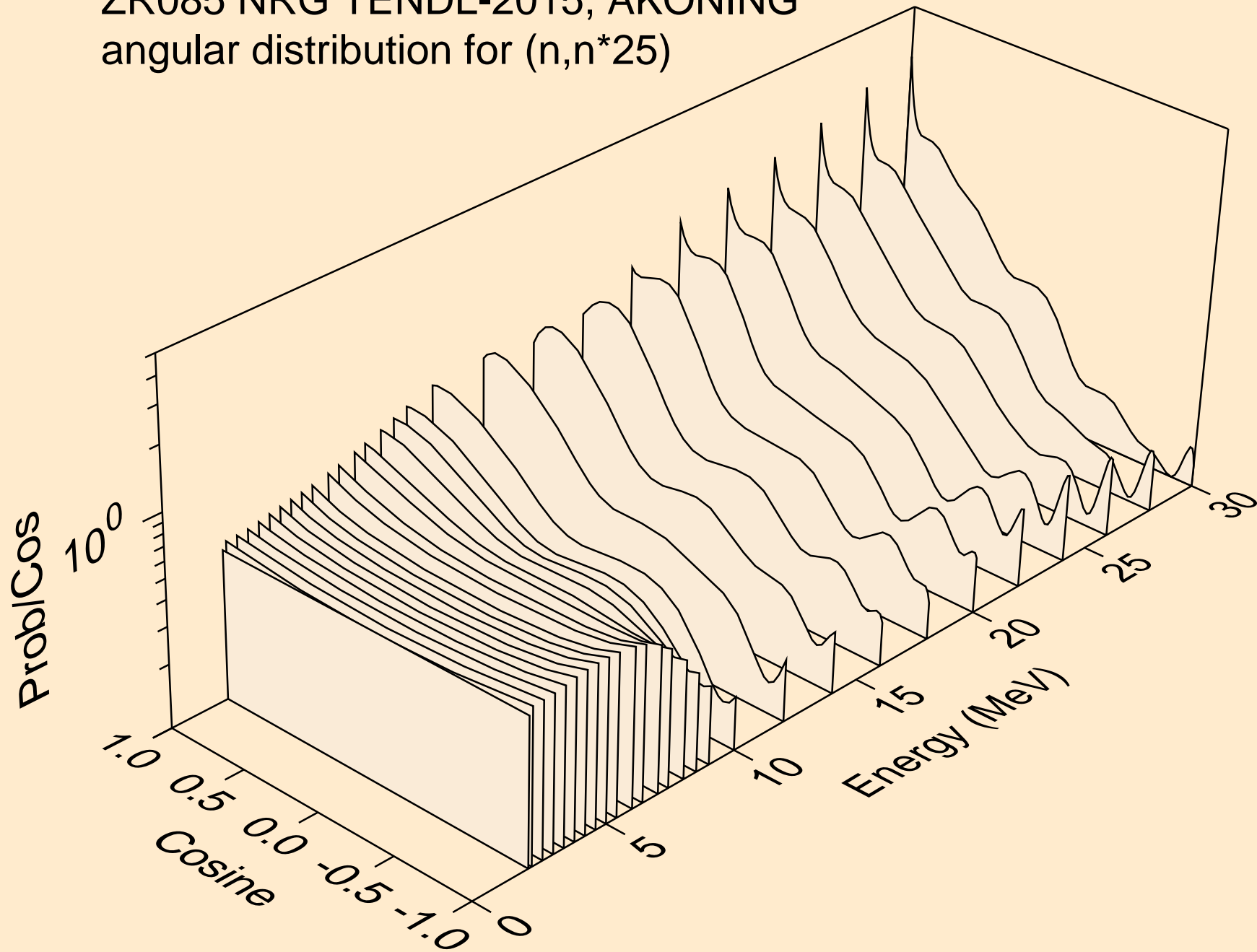
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angular distribution for (n,n\*23)



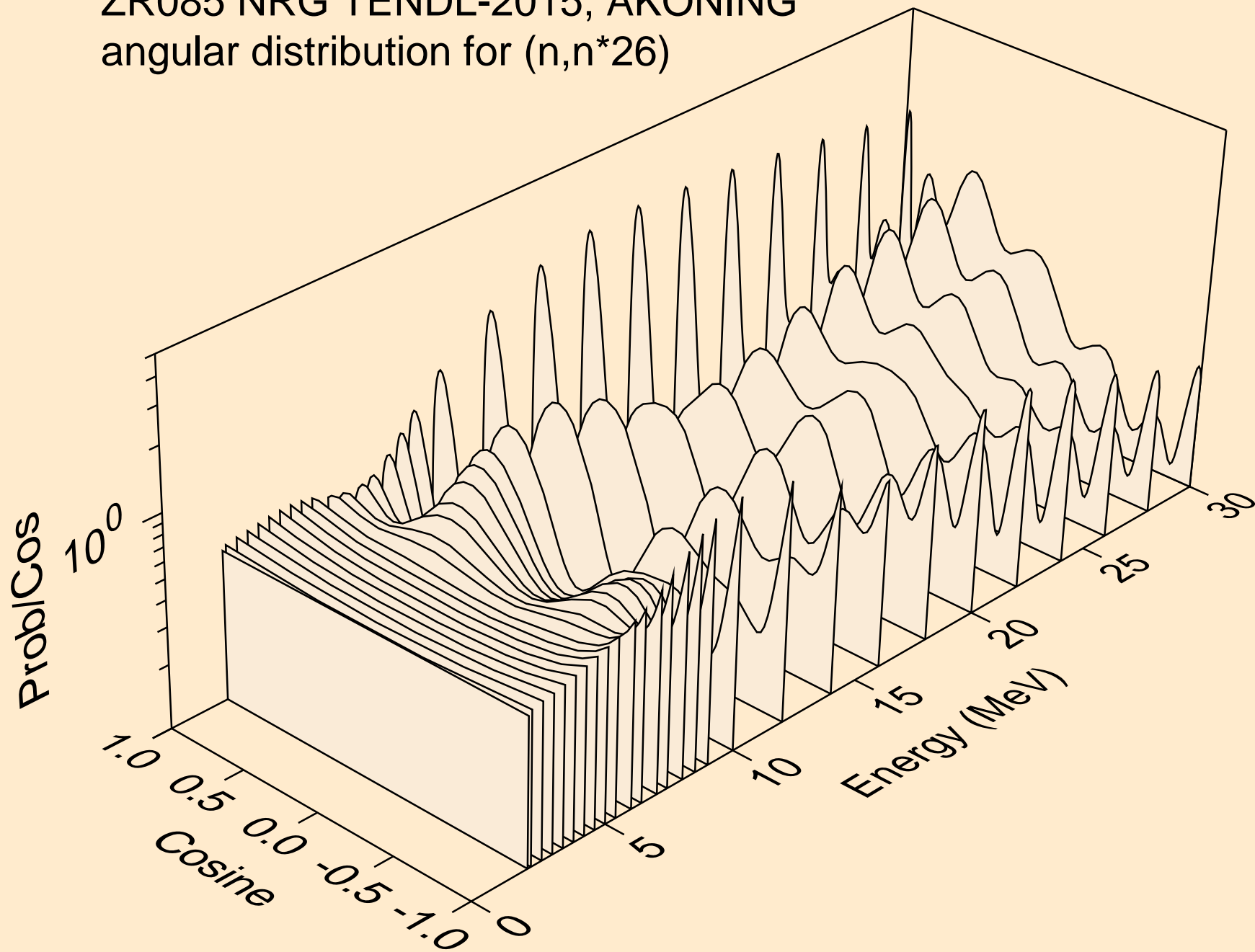
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angular distribution for (n,n\*24)



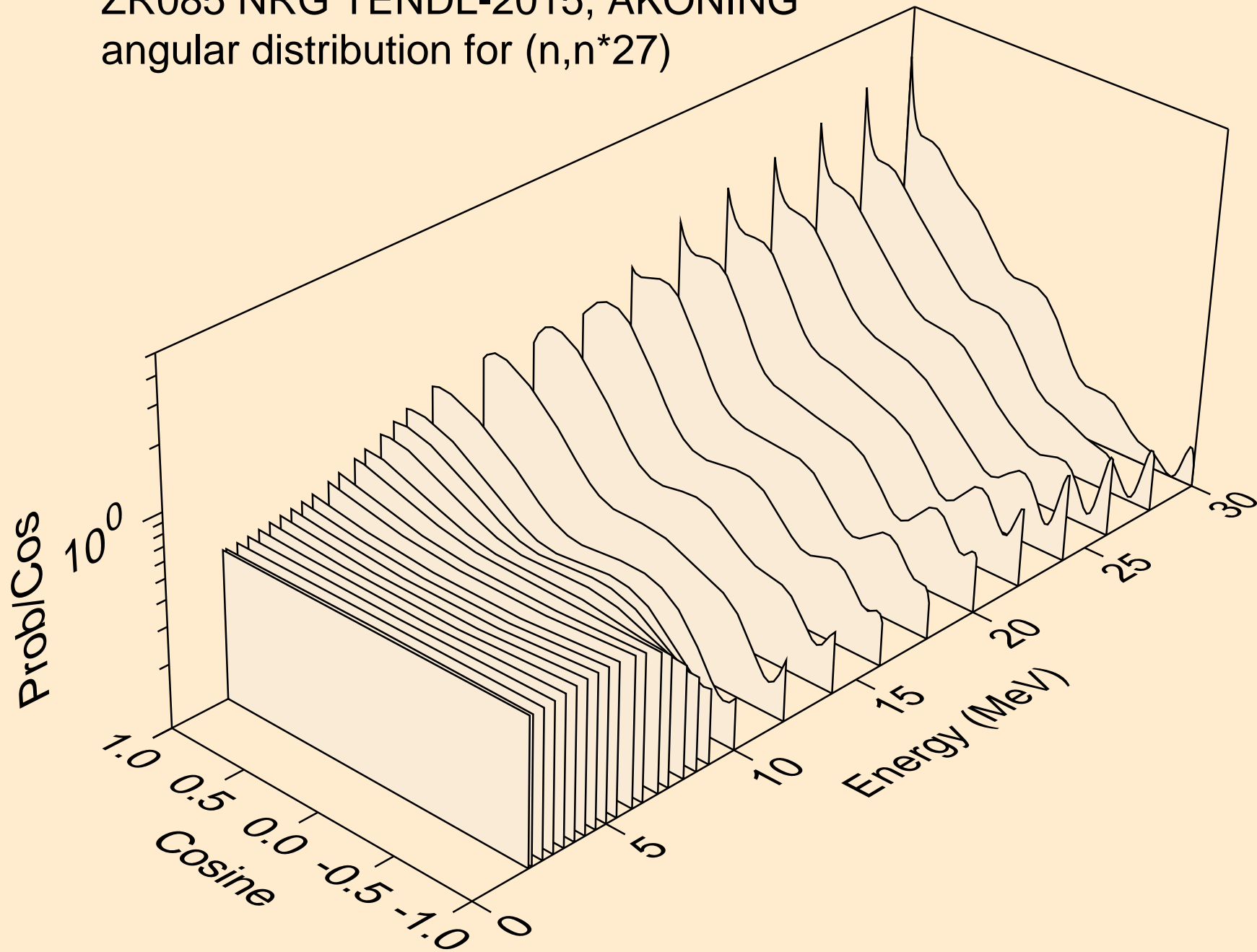
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angular distribution for (n,n\*25)



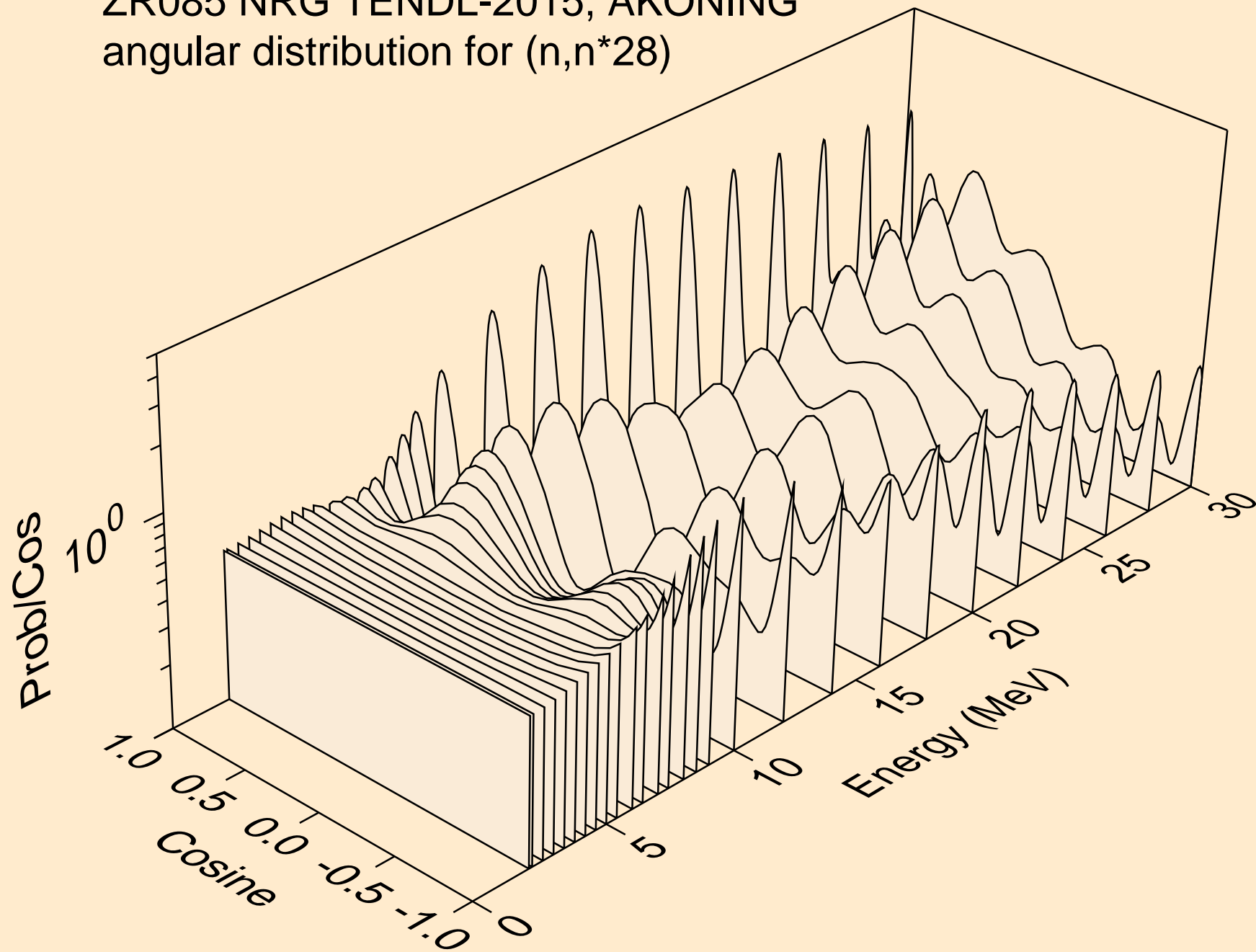
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angular distribution for (n,n\*26)



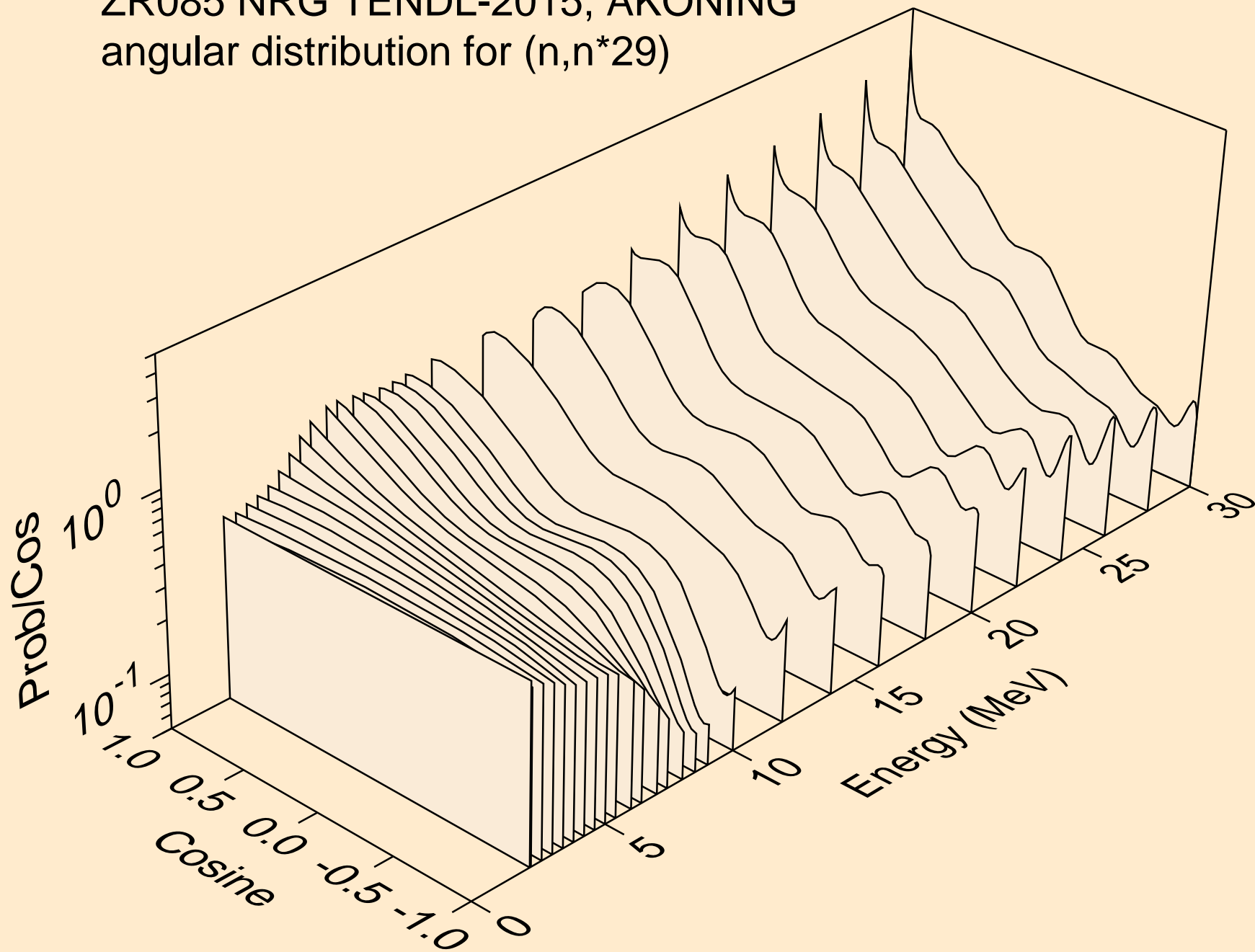
ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

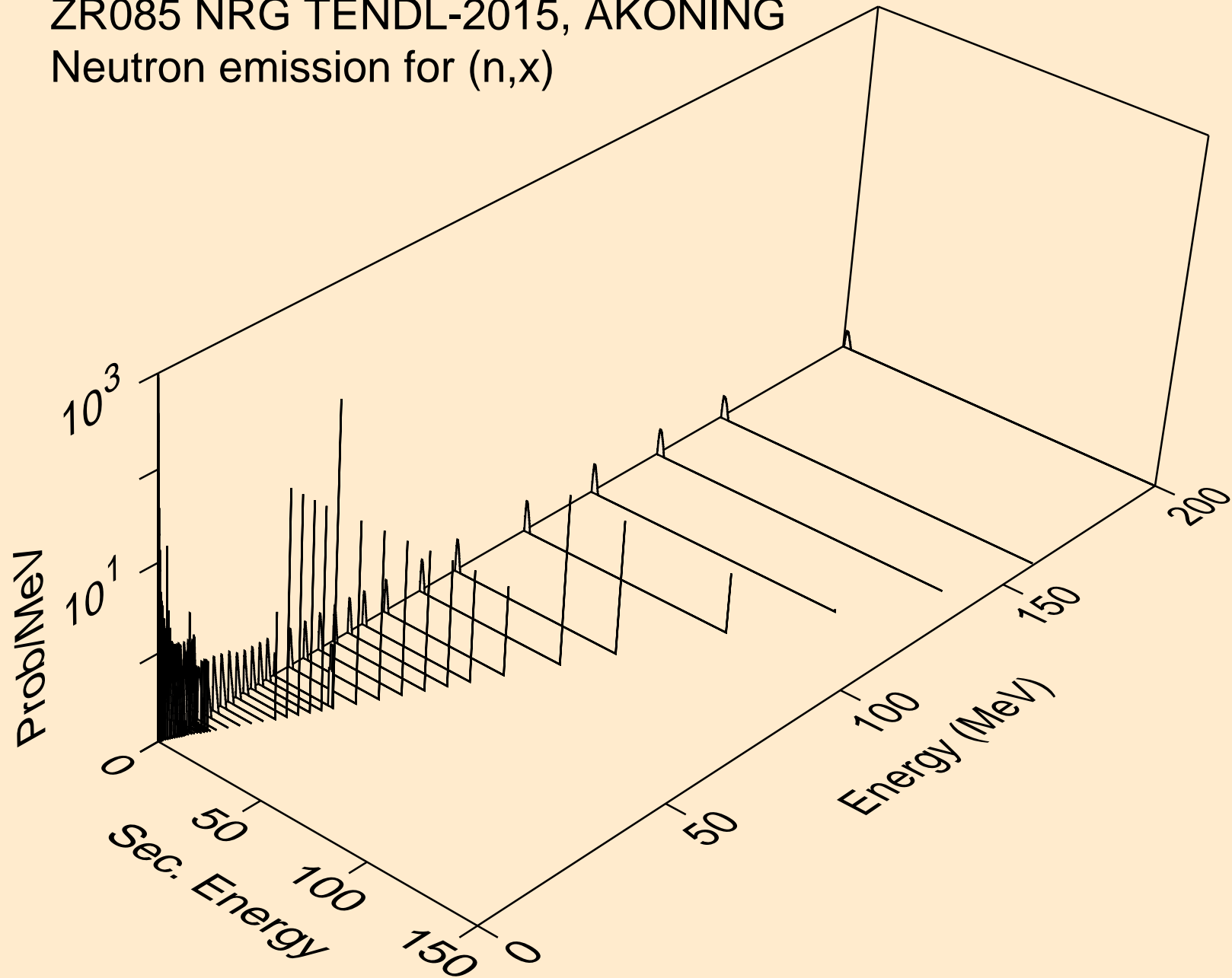


ZR085 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

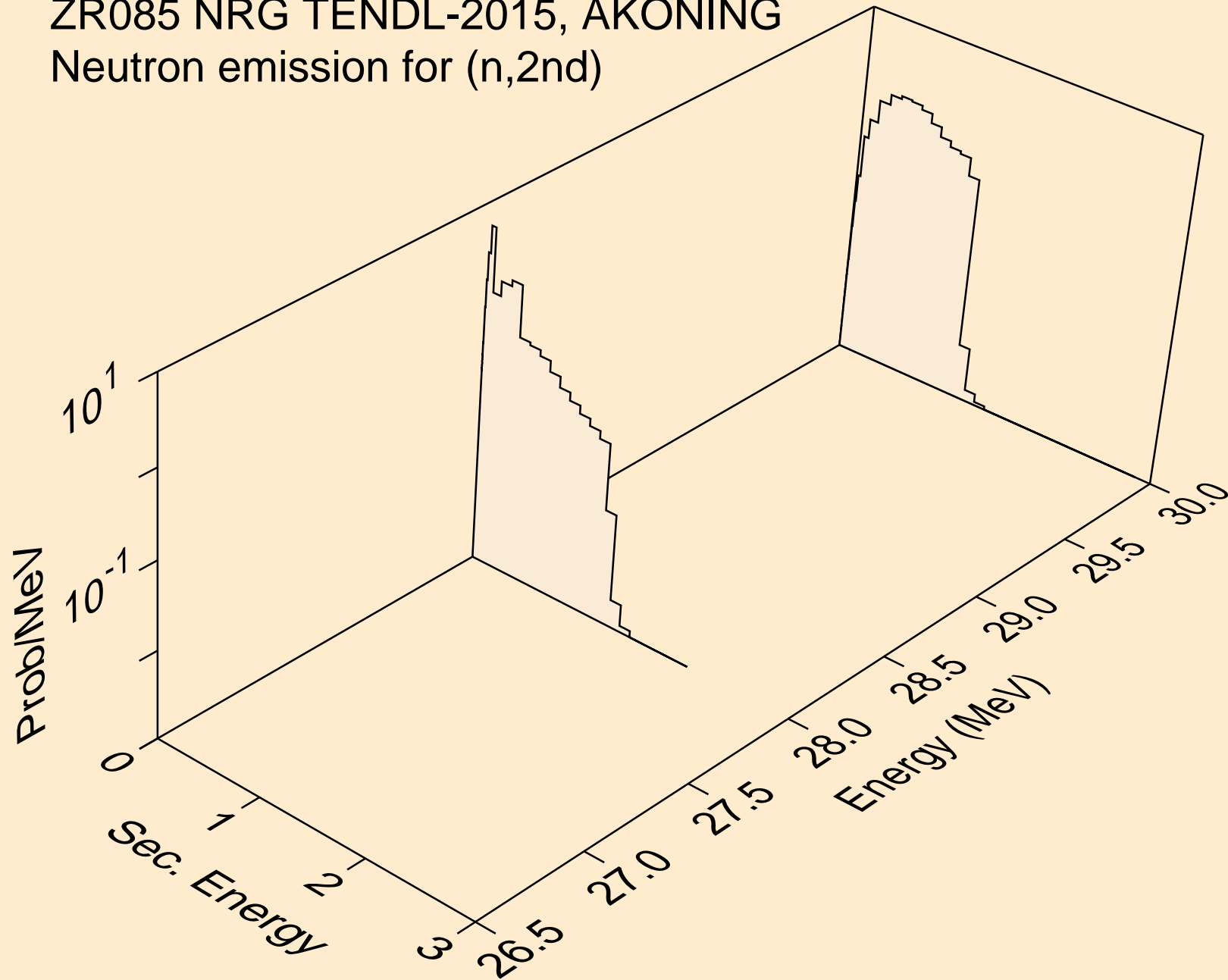




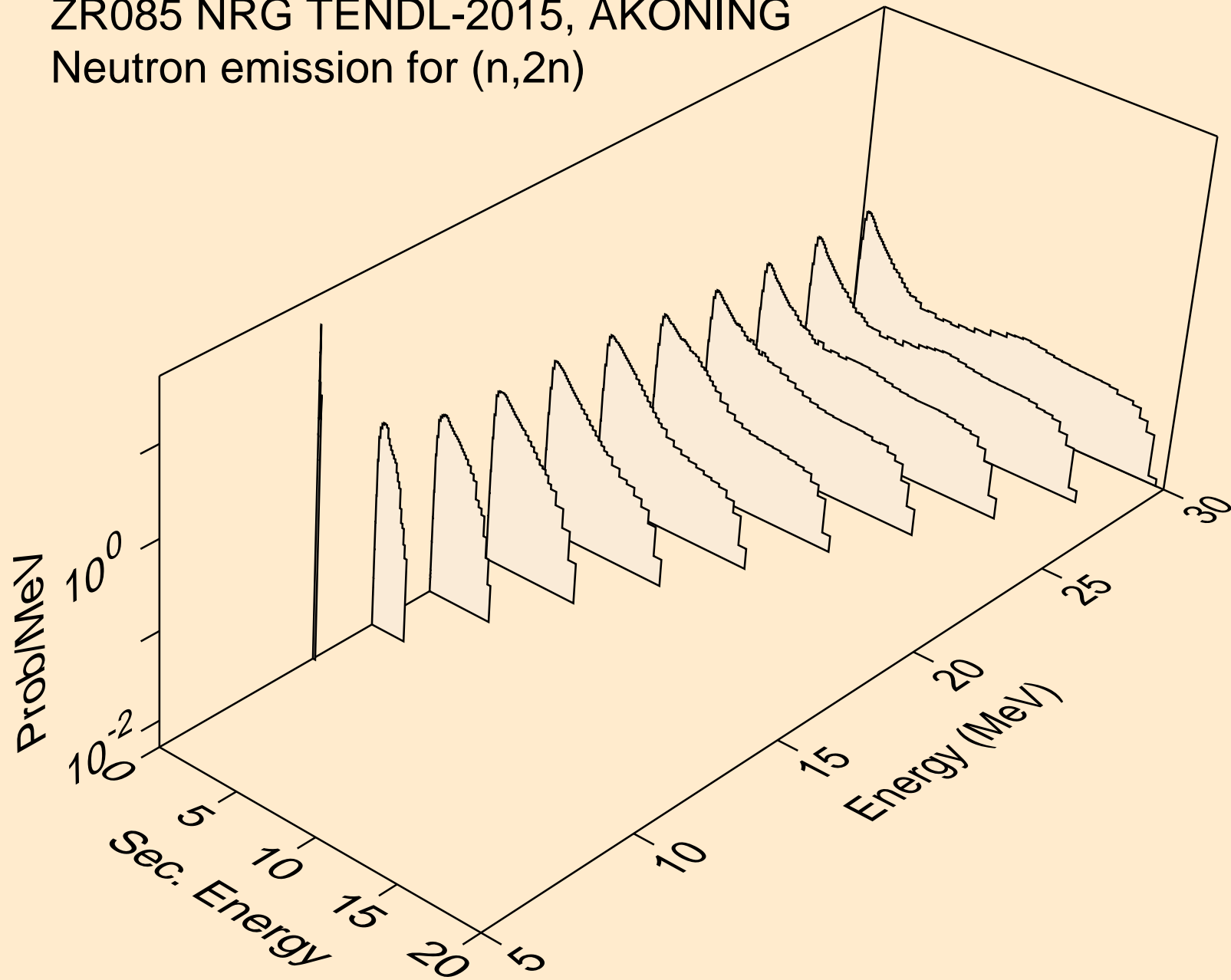
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



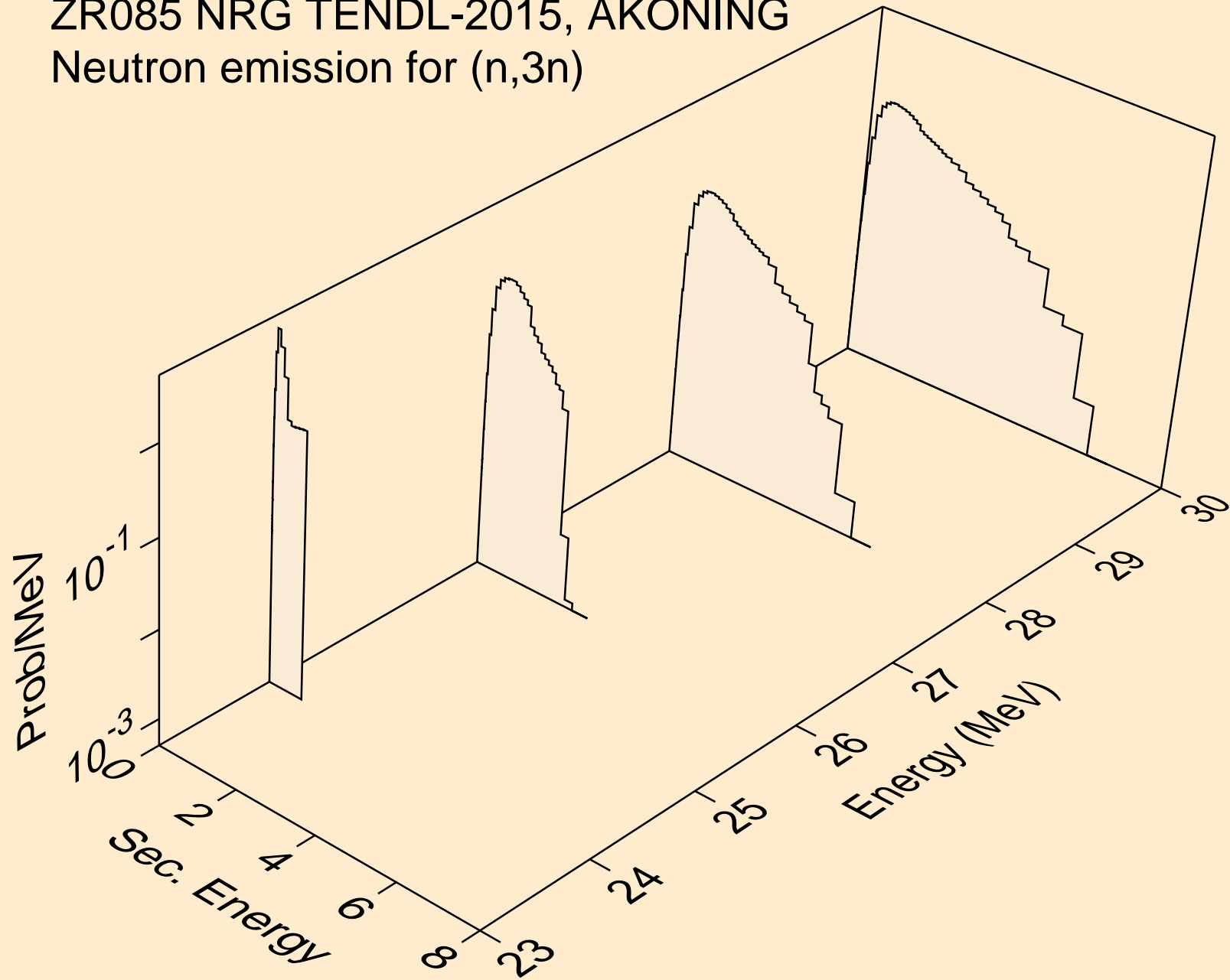
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



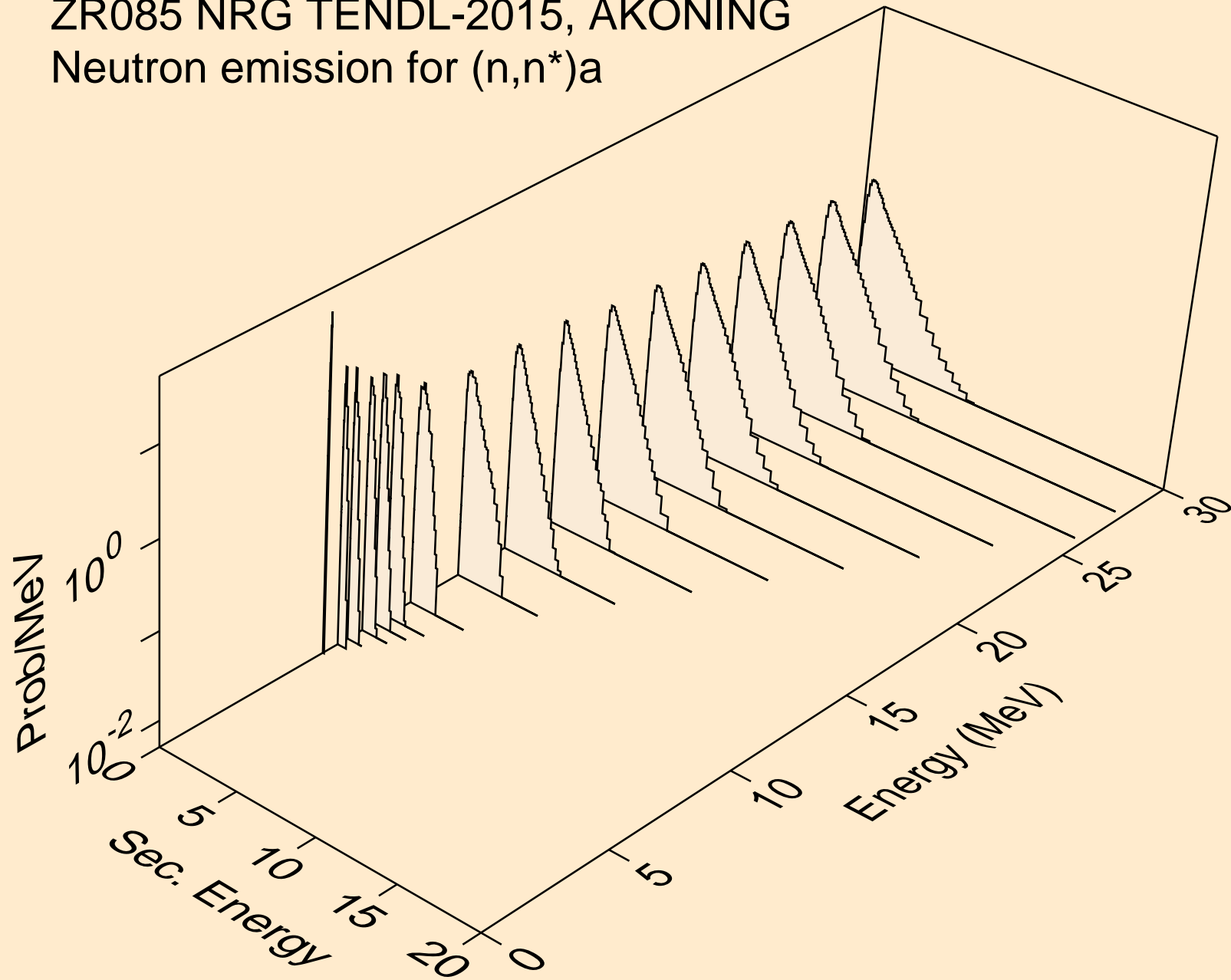
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



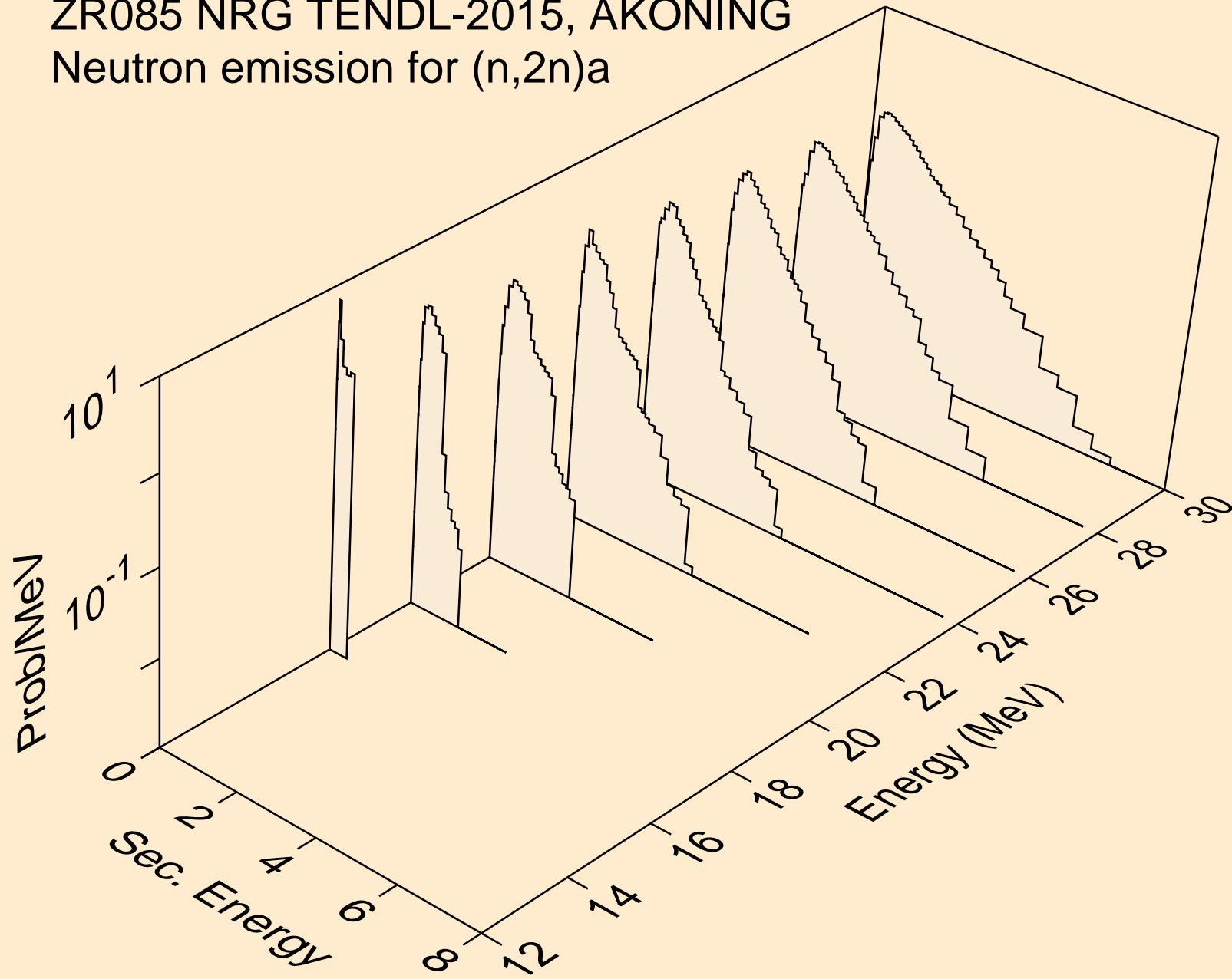
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



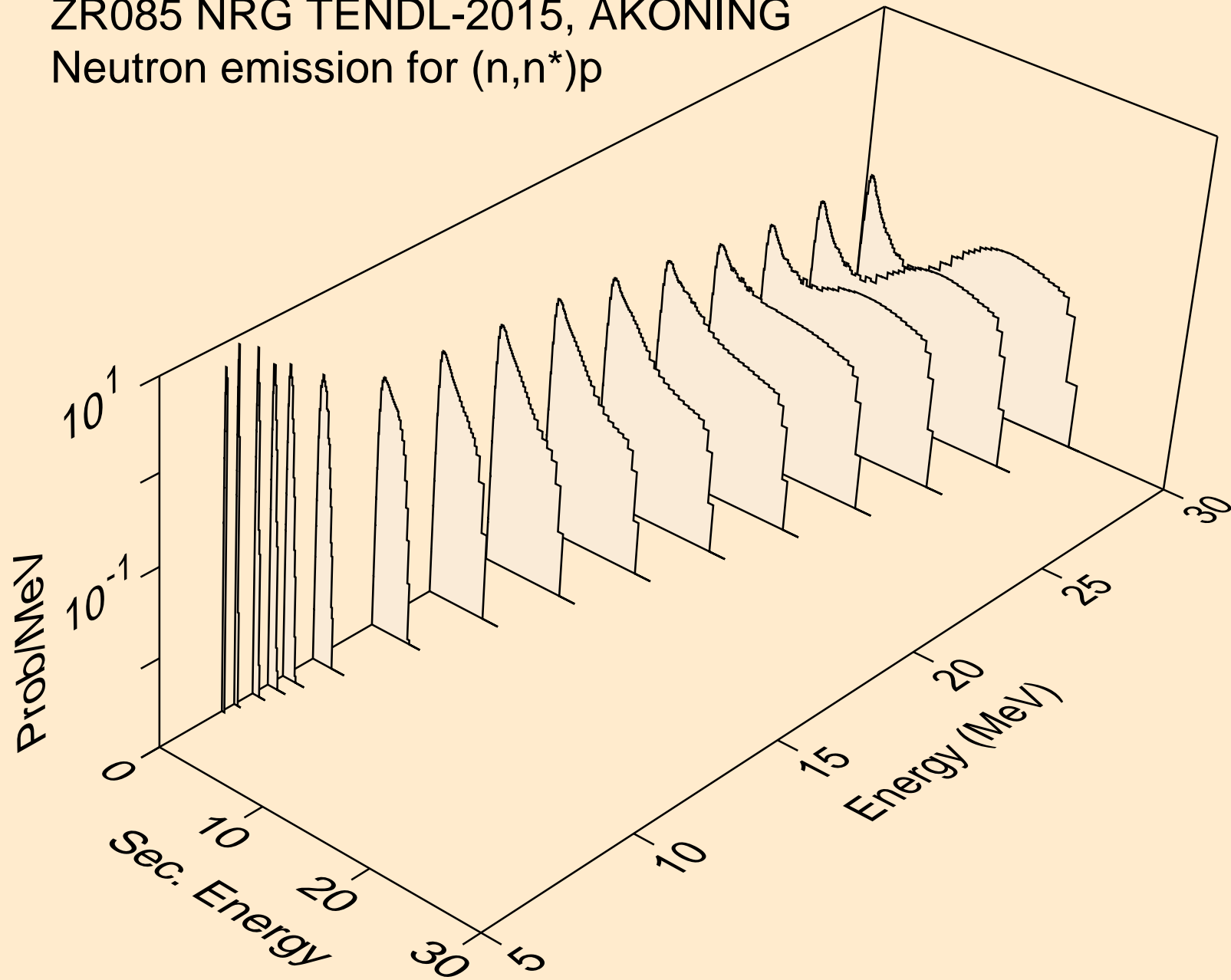
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



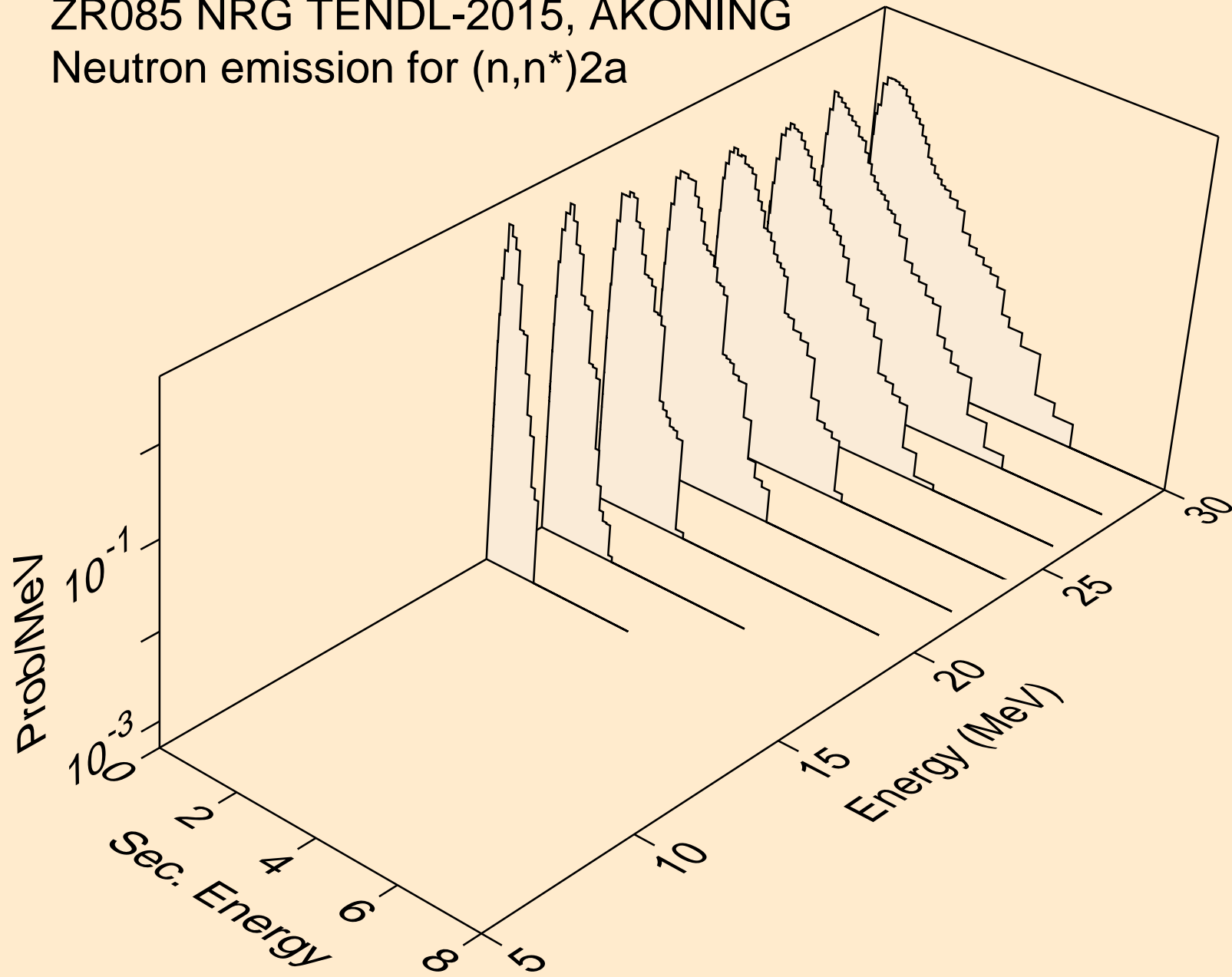
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

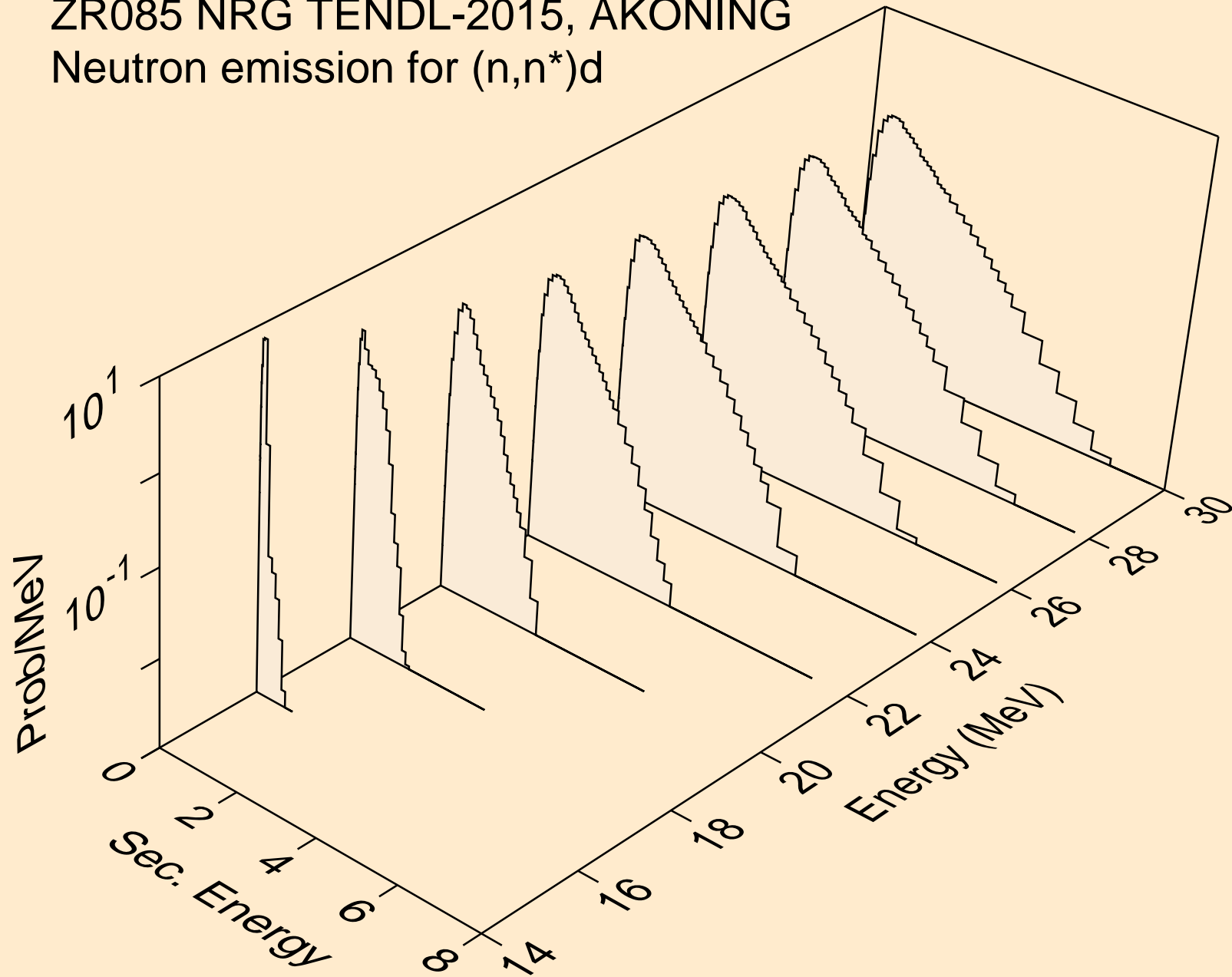


ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

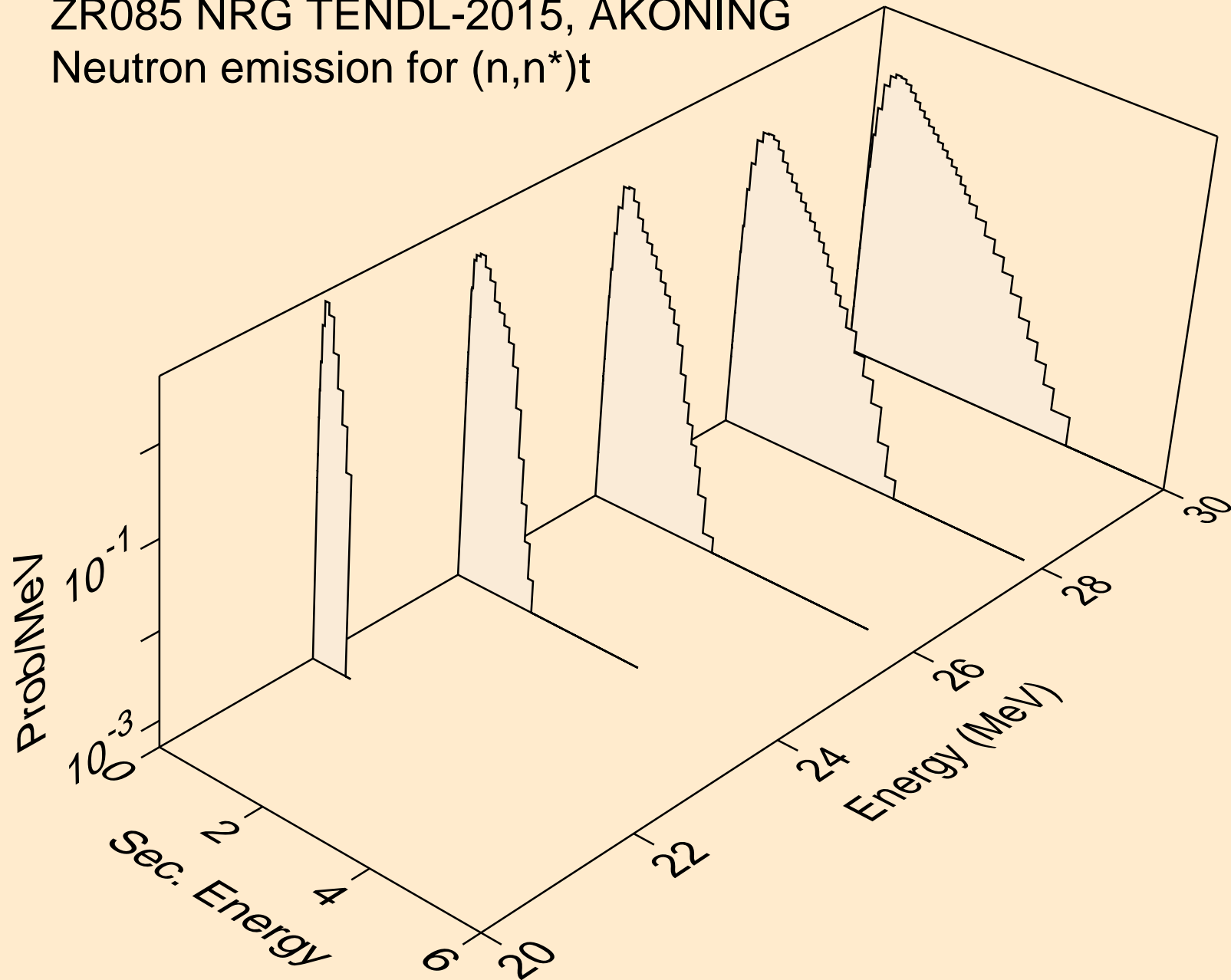




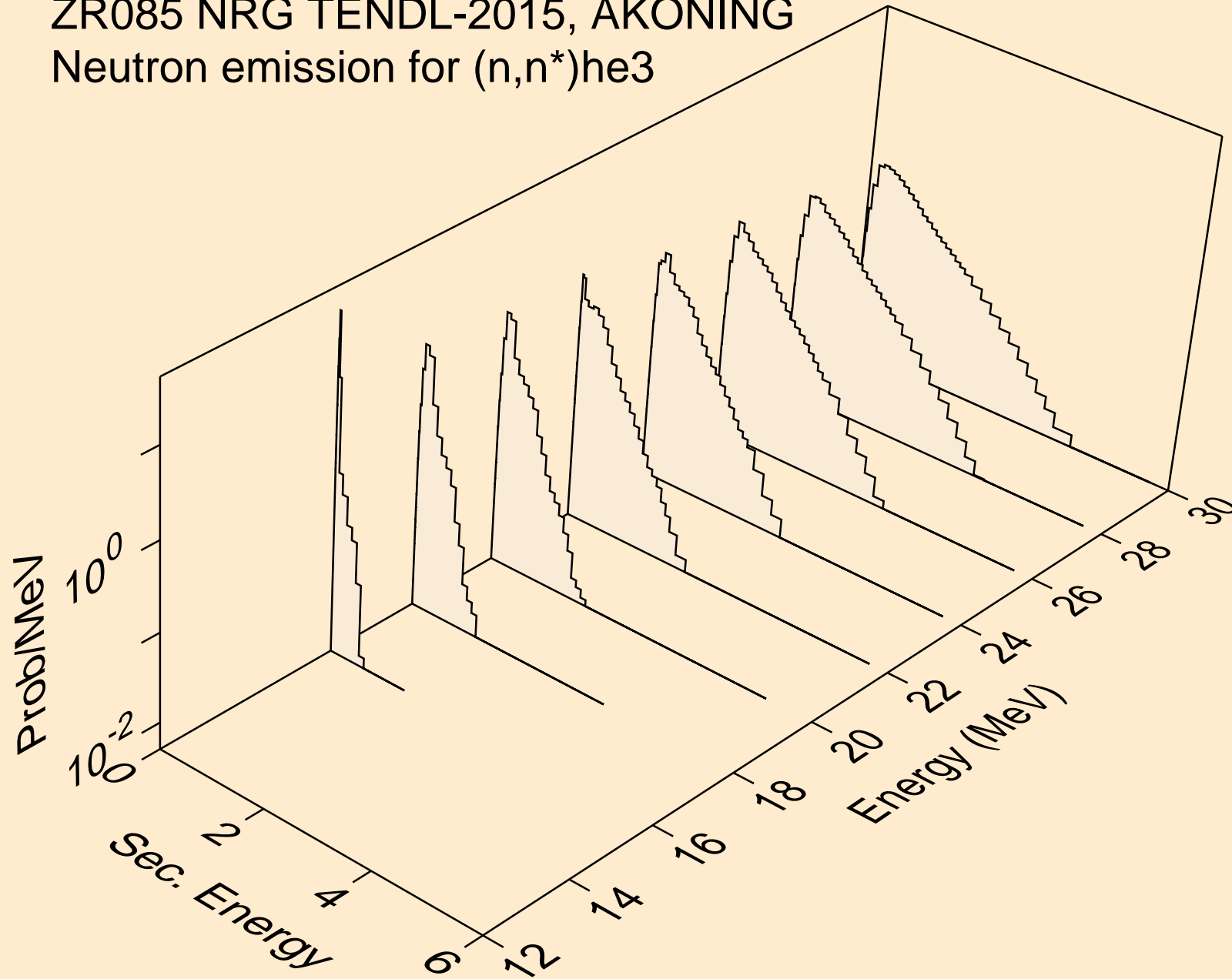
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



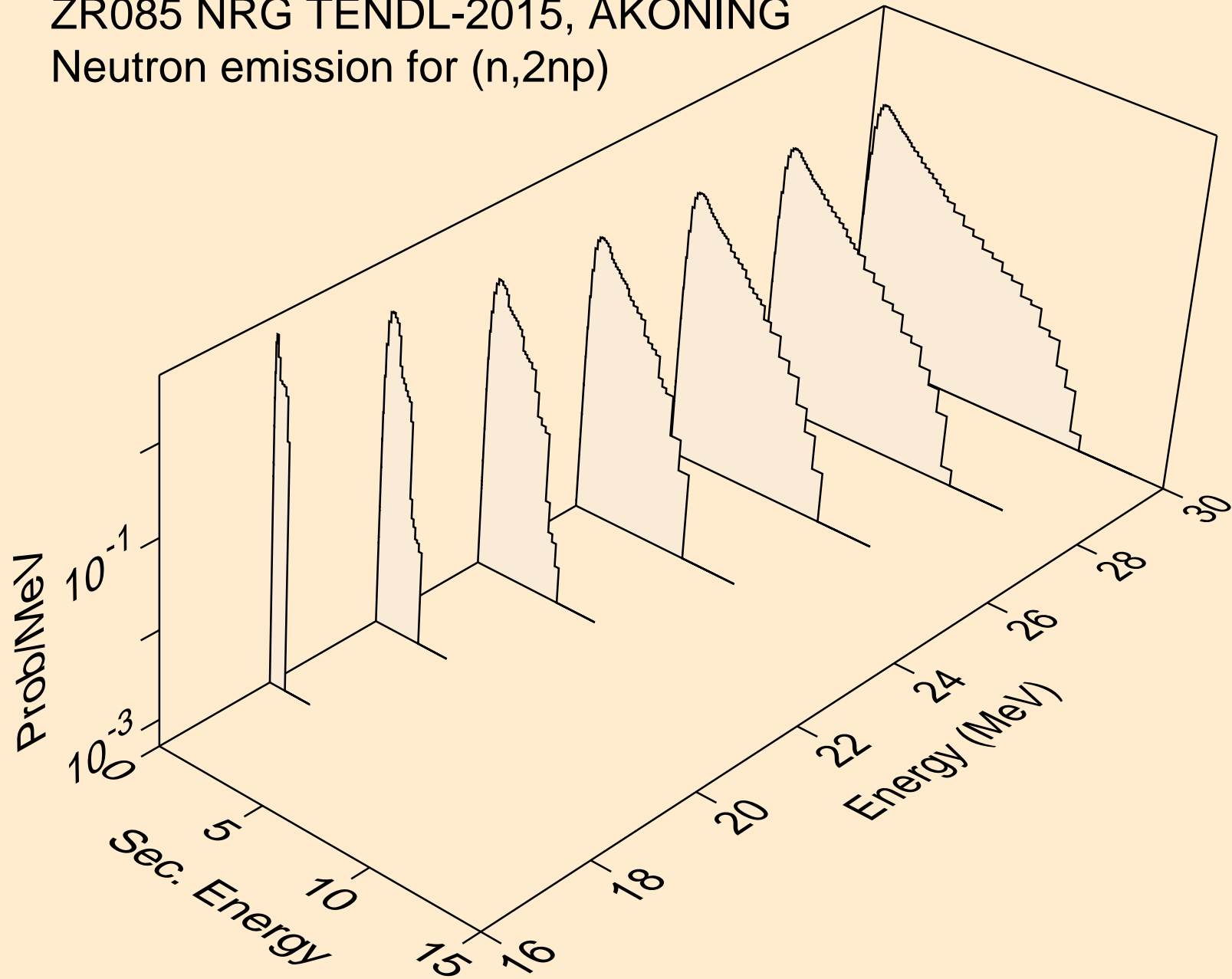
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



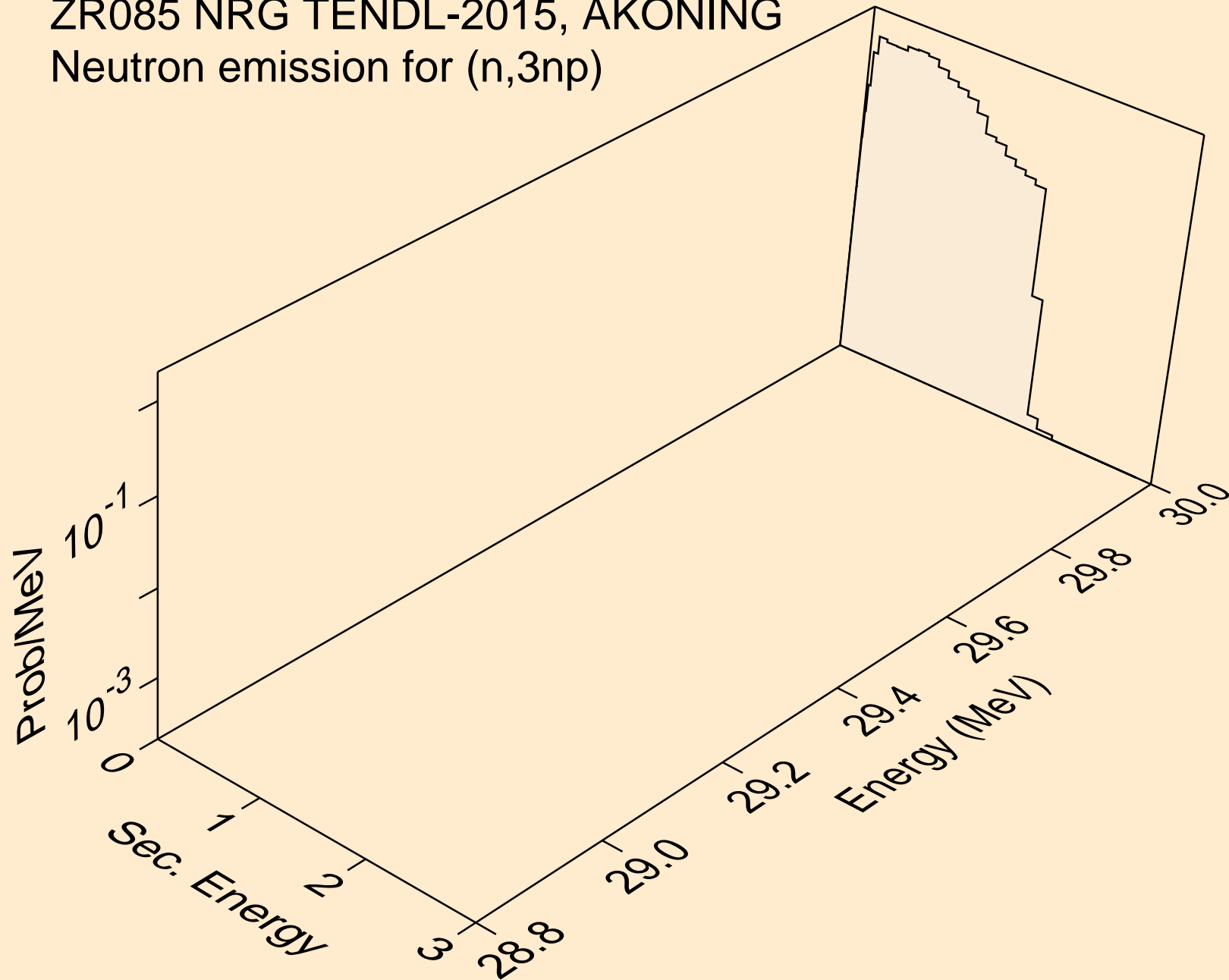
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



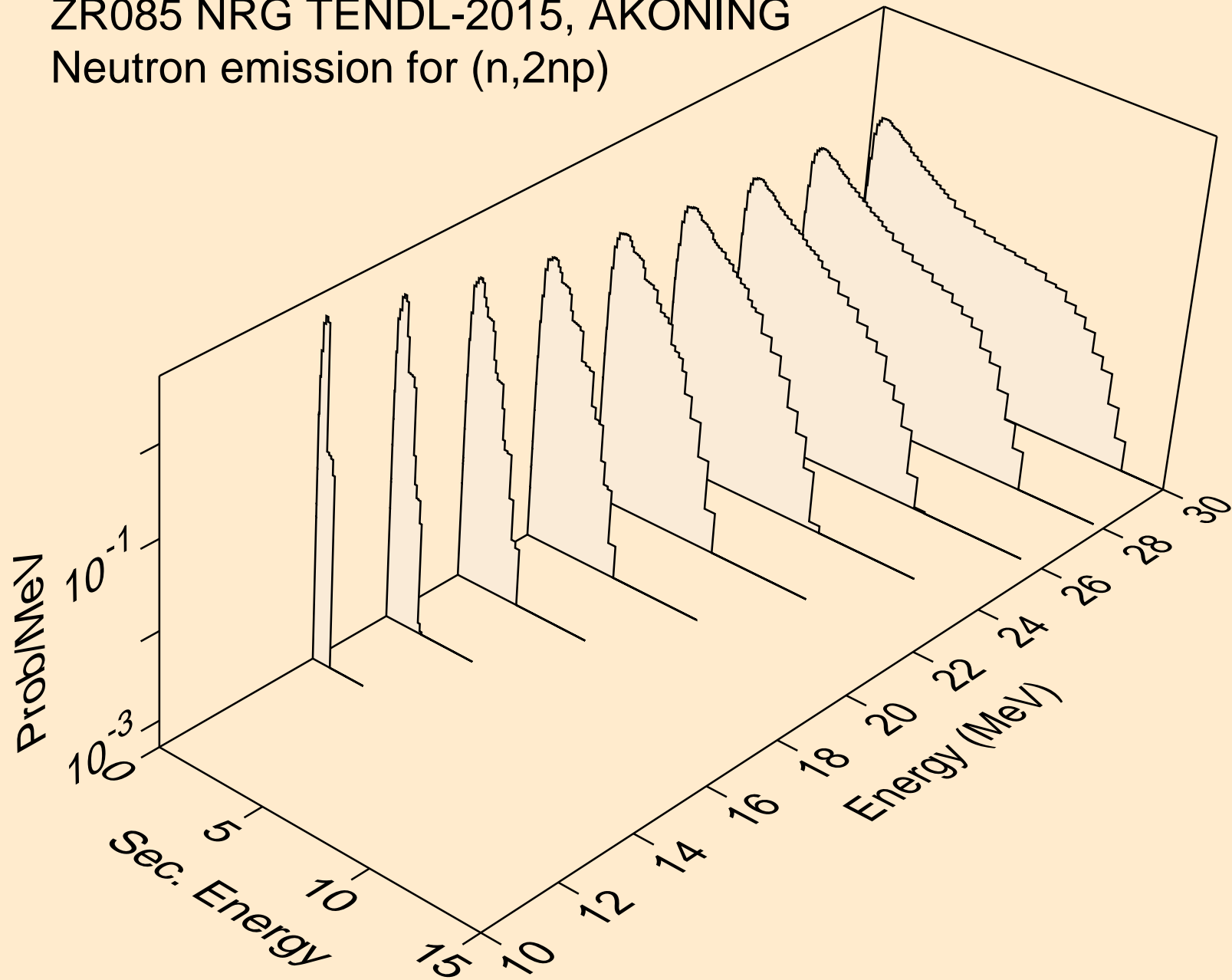
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



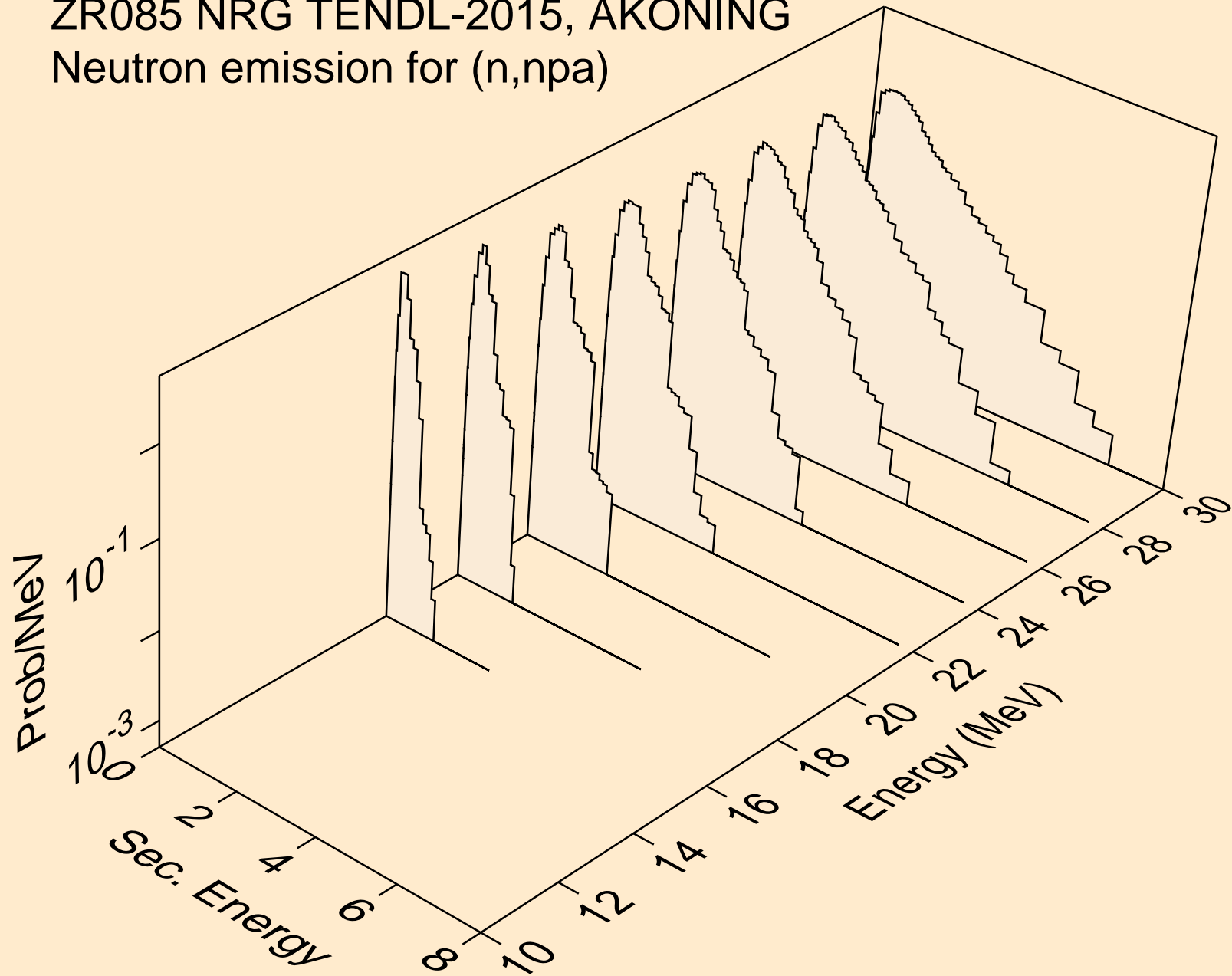
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



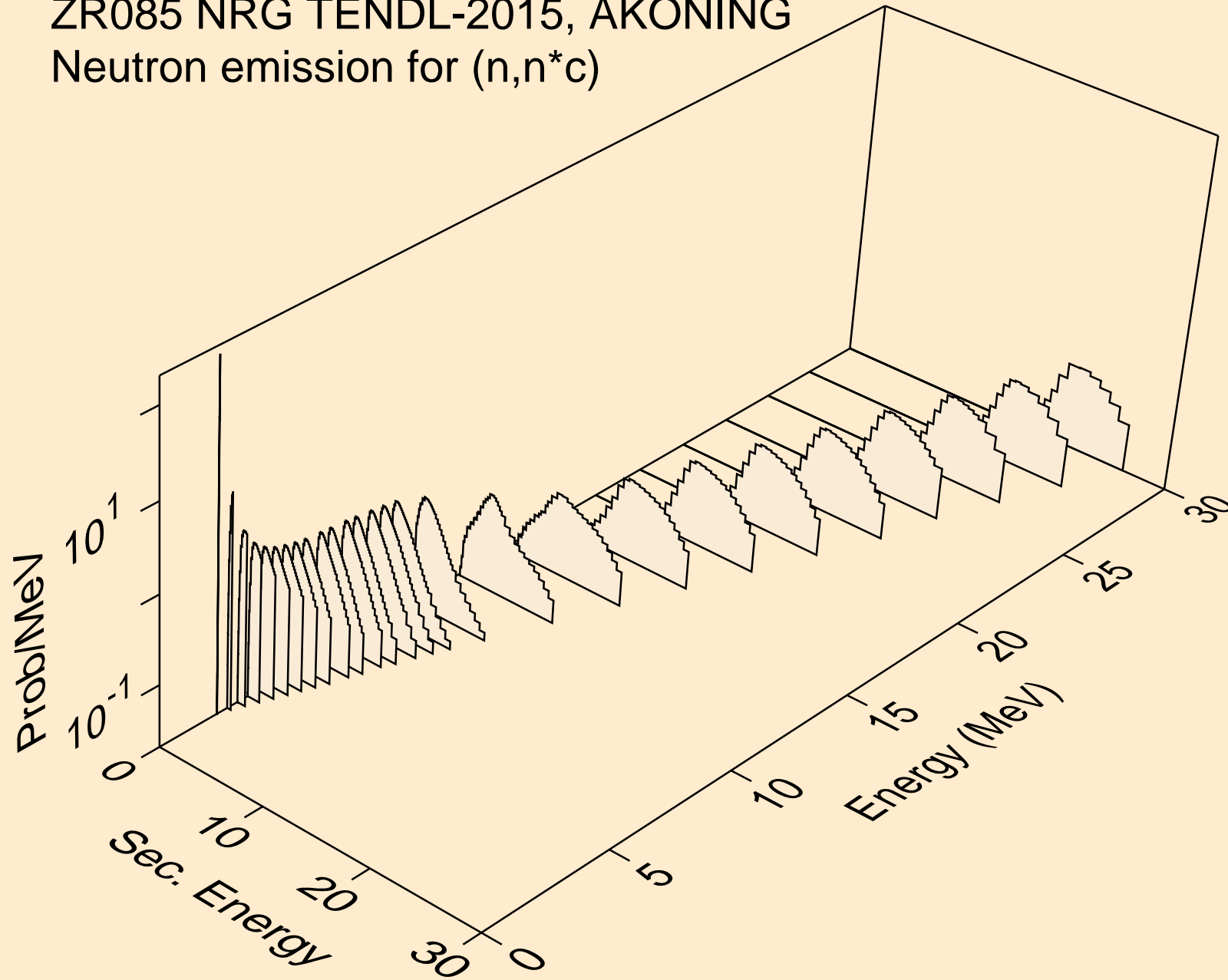
ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

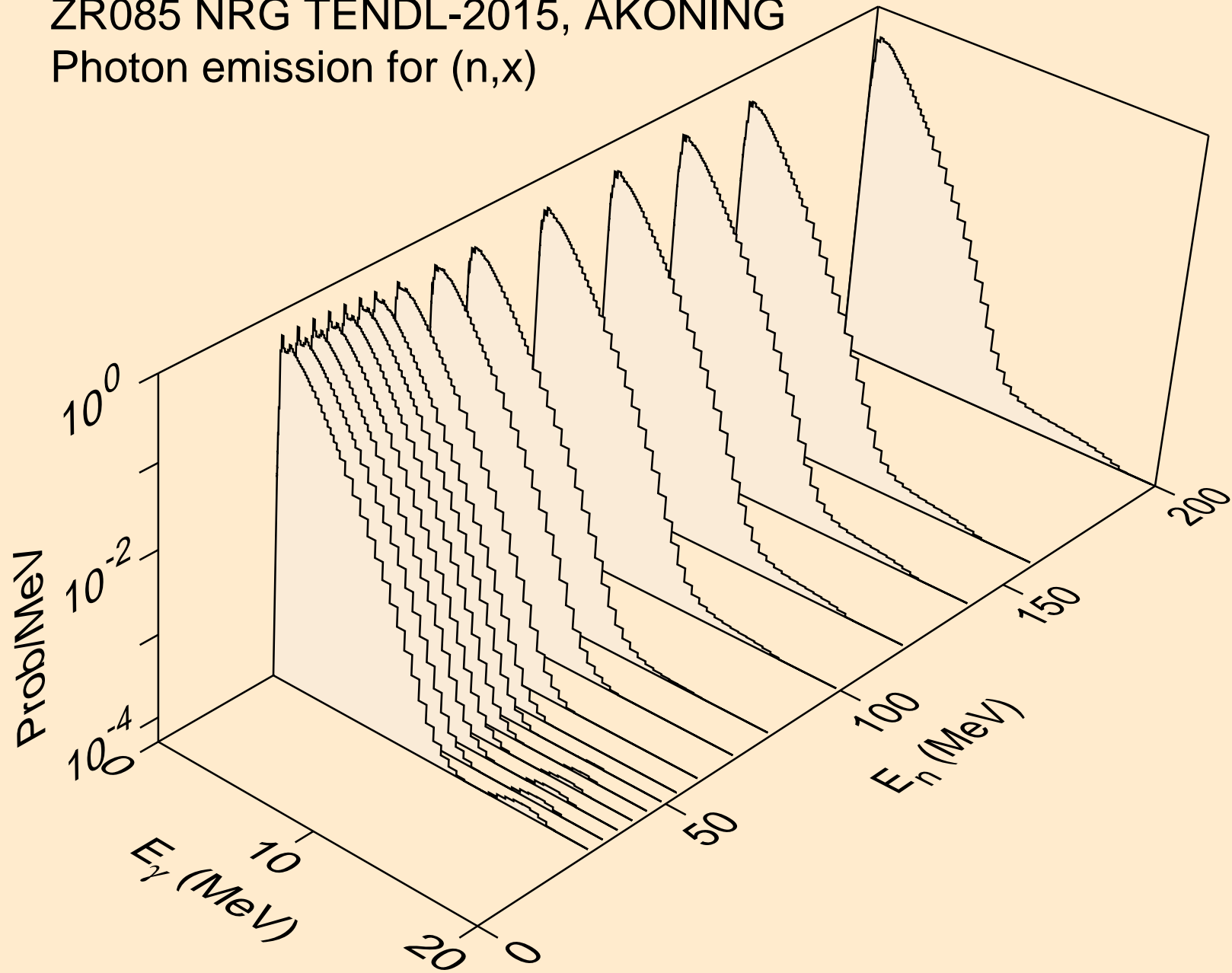


ZR085 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

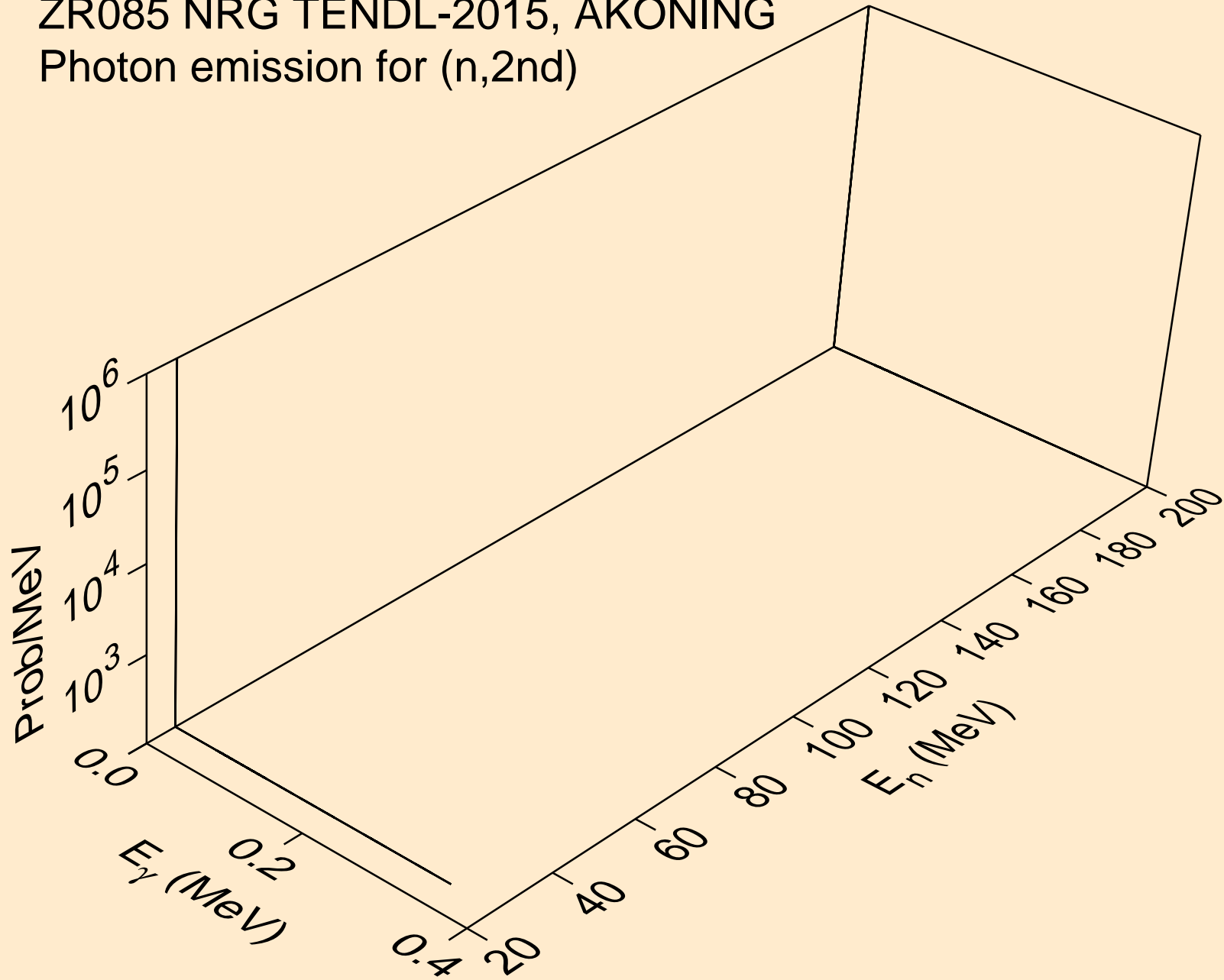




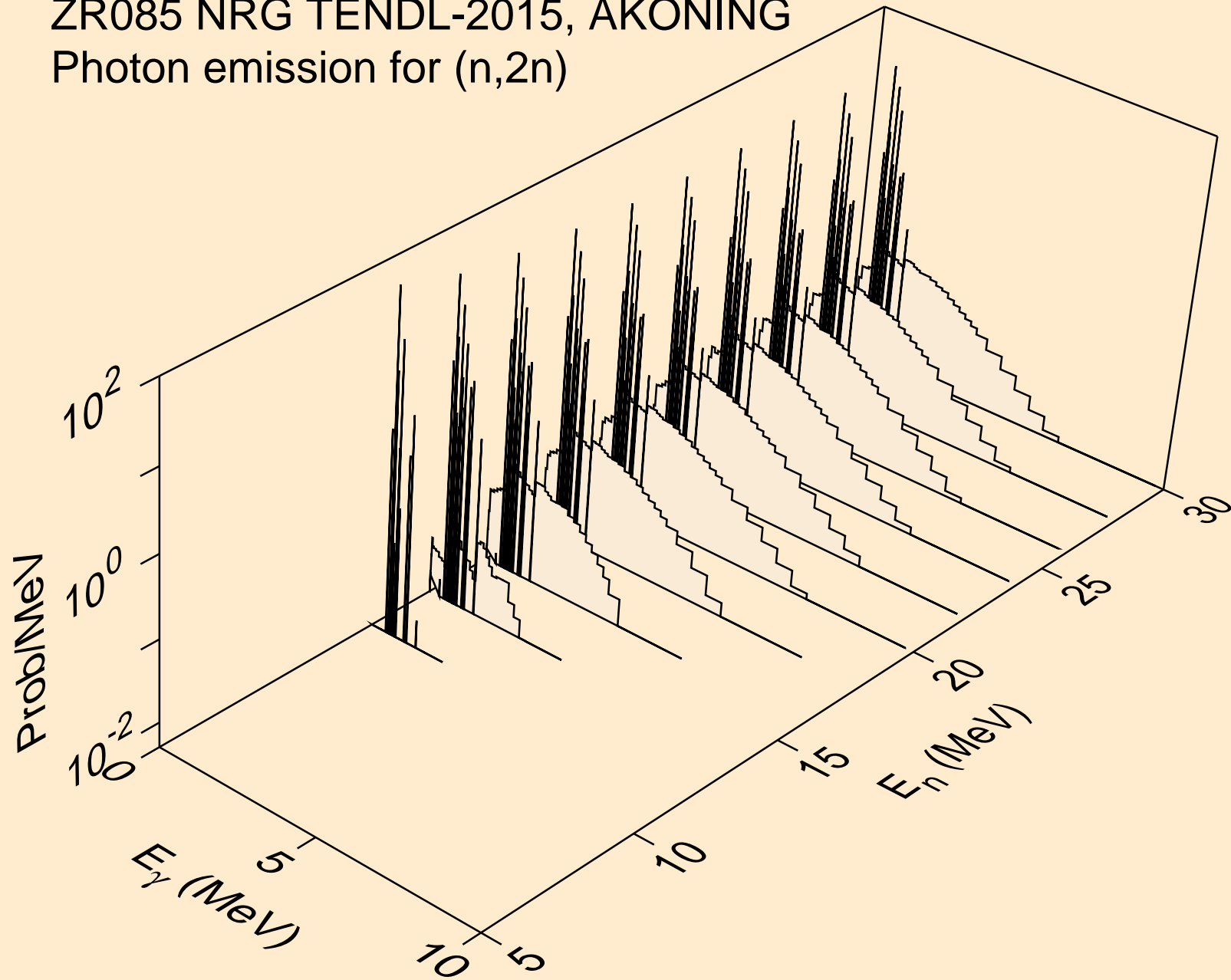
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



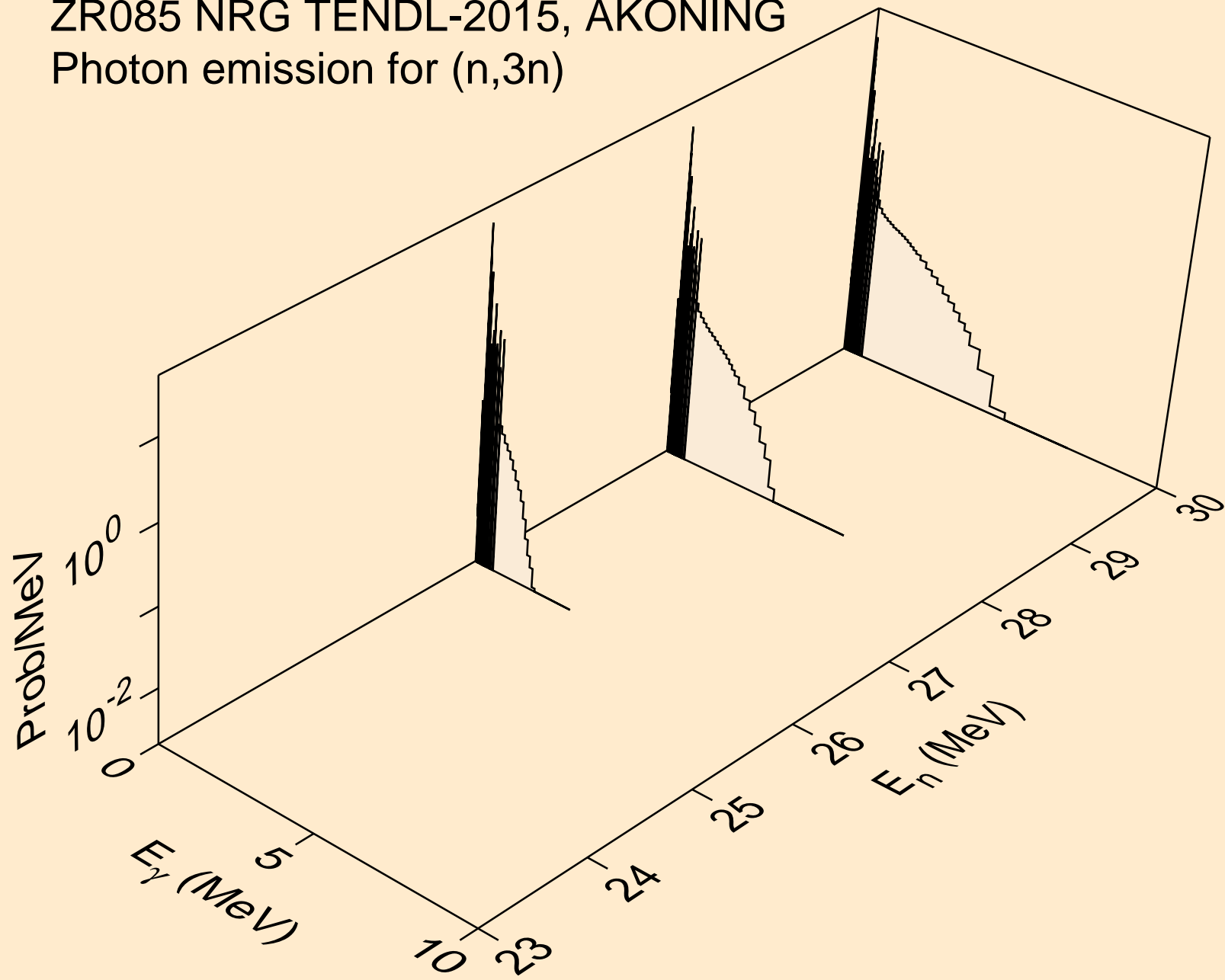
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



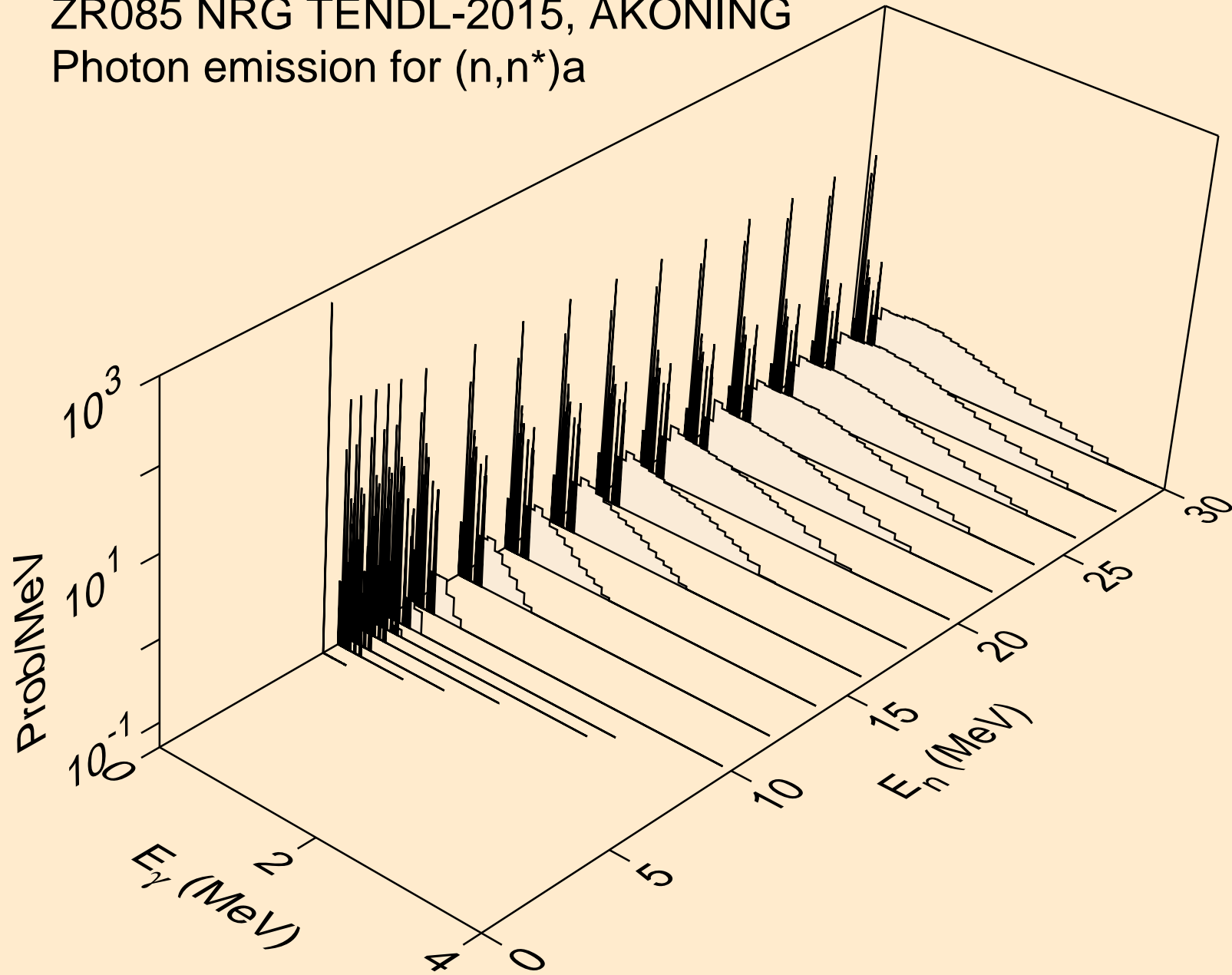
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



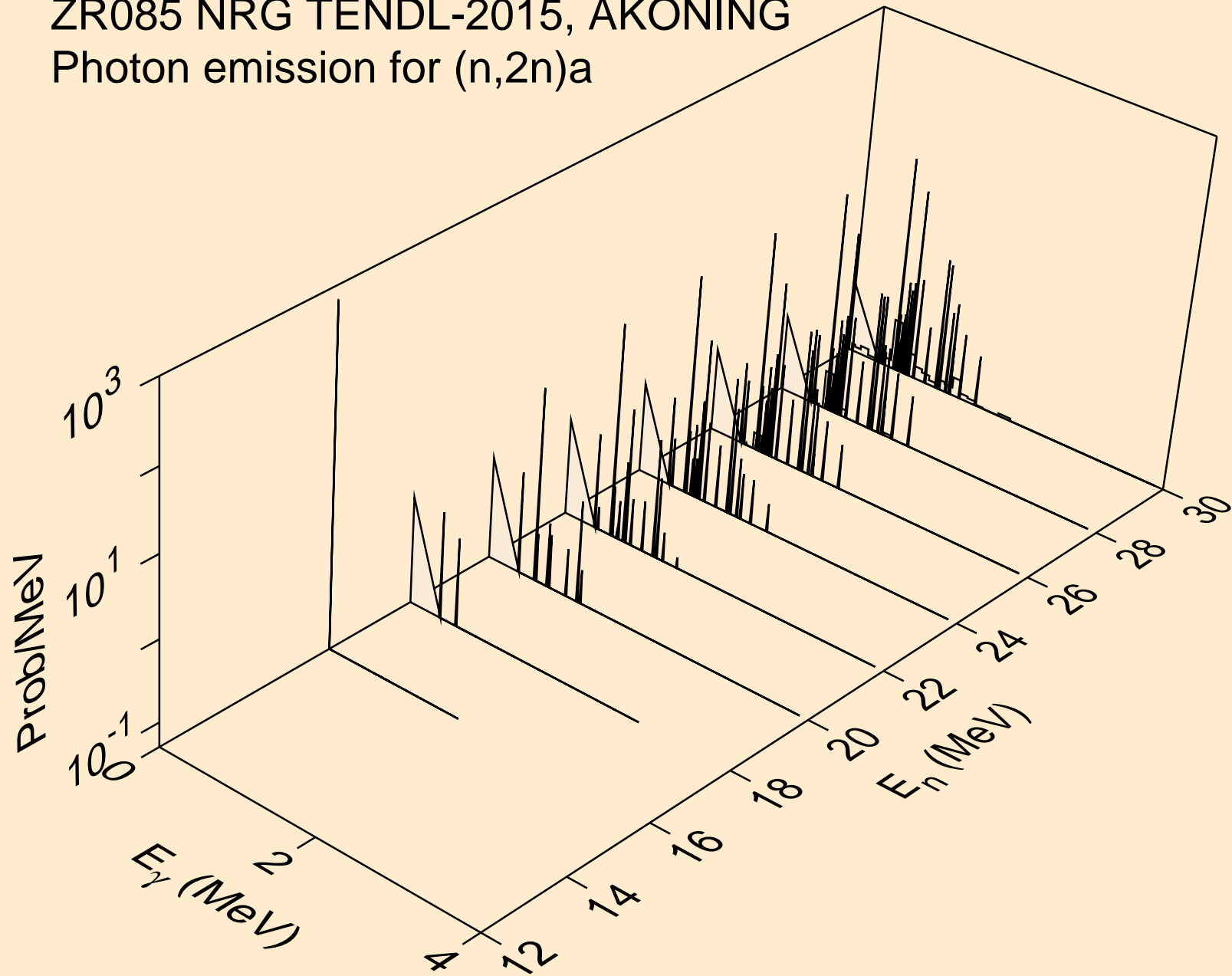
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



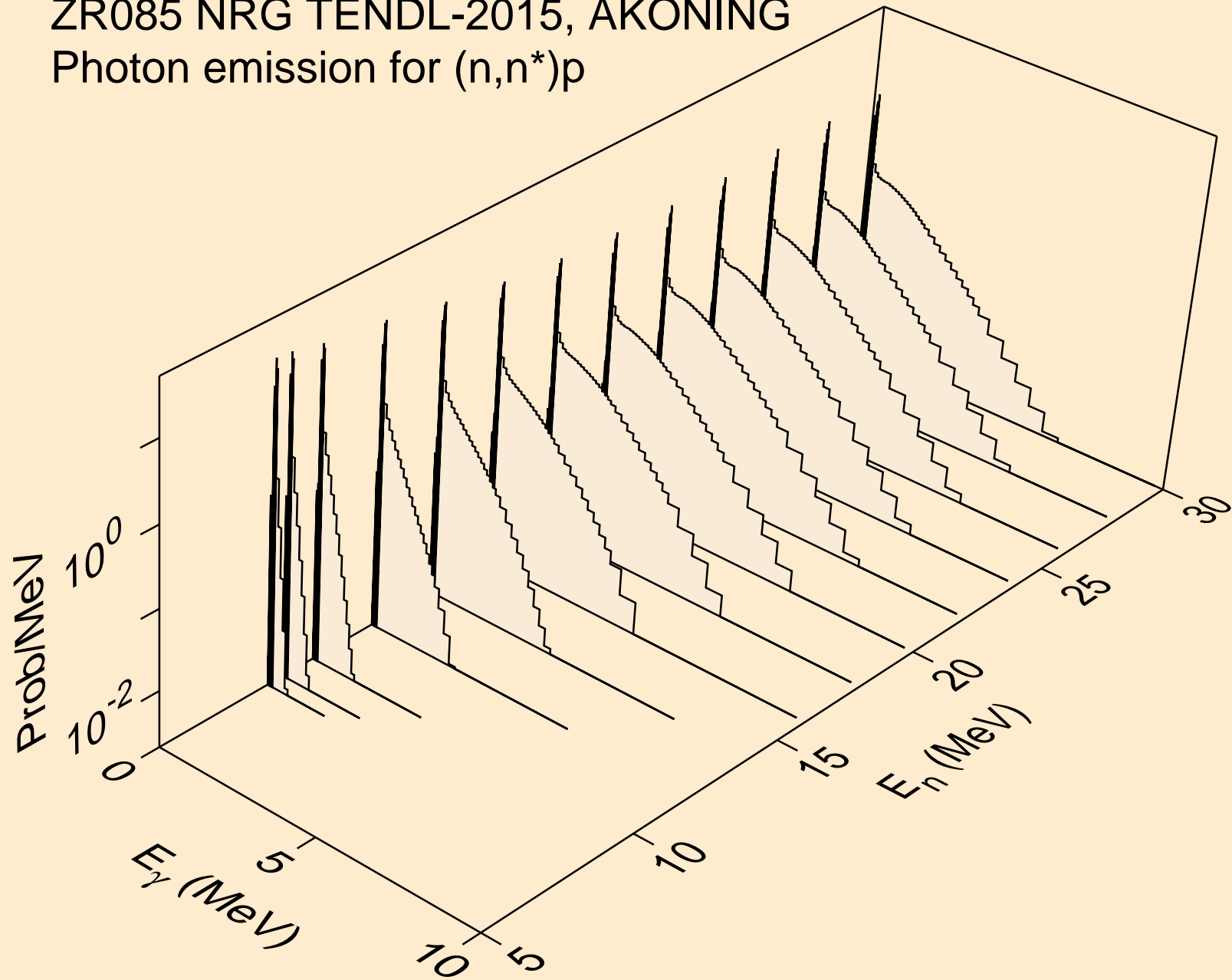
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



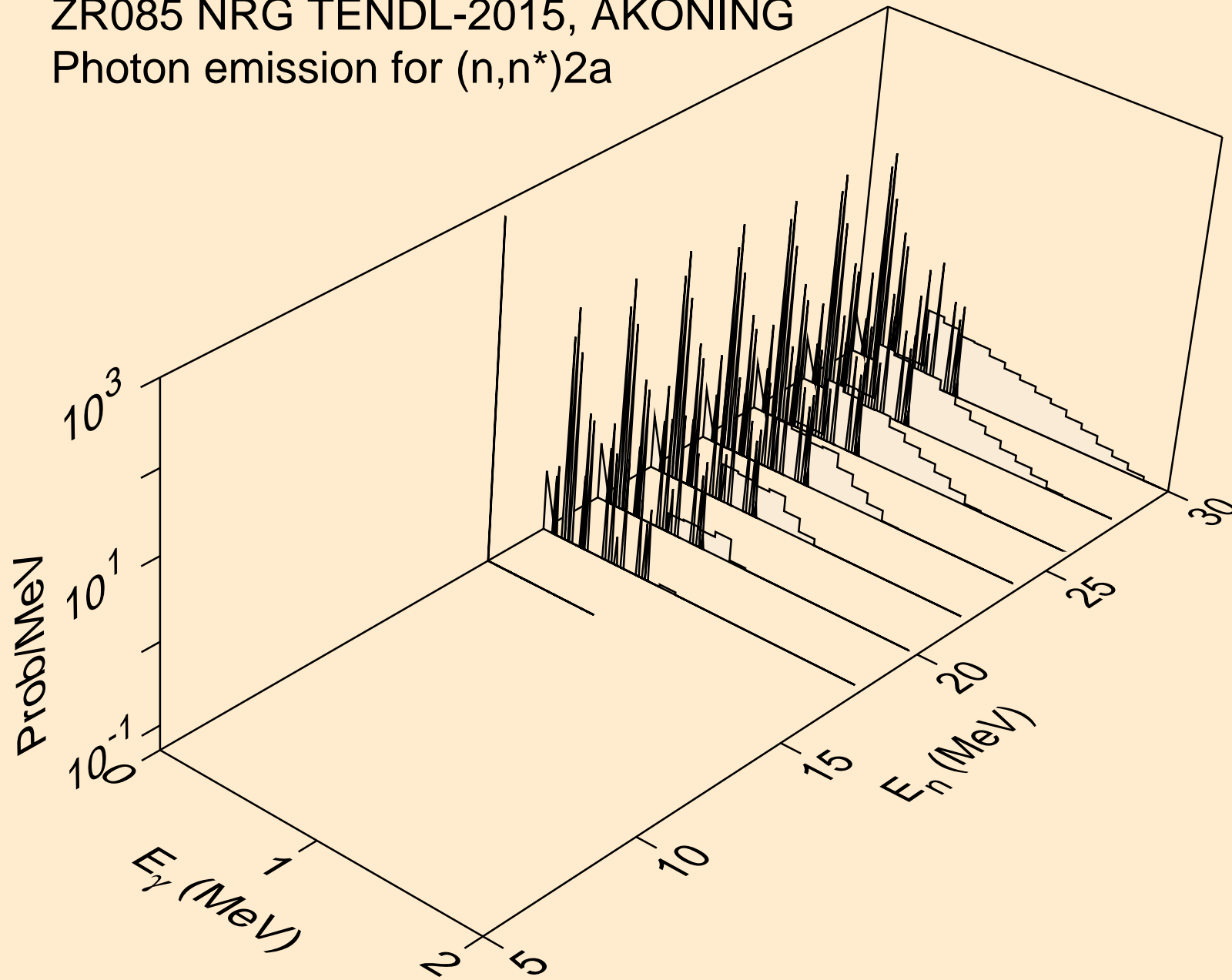
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



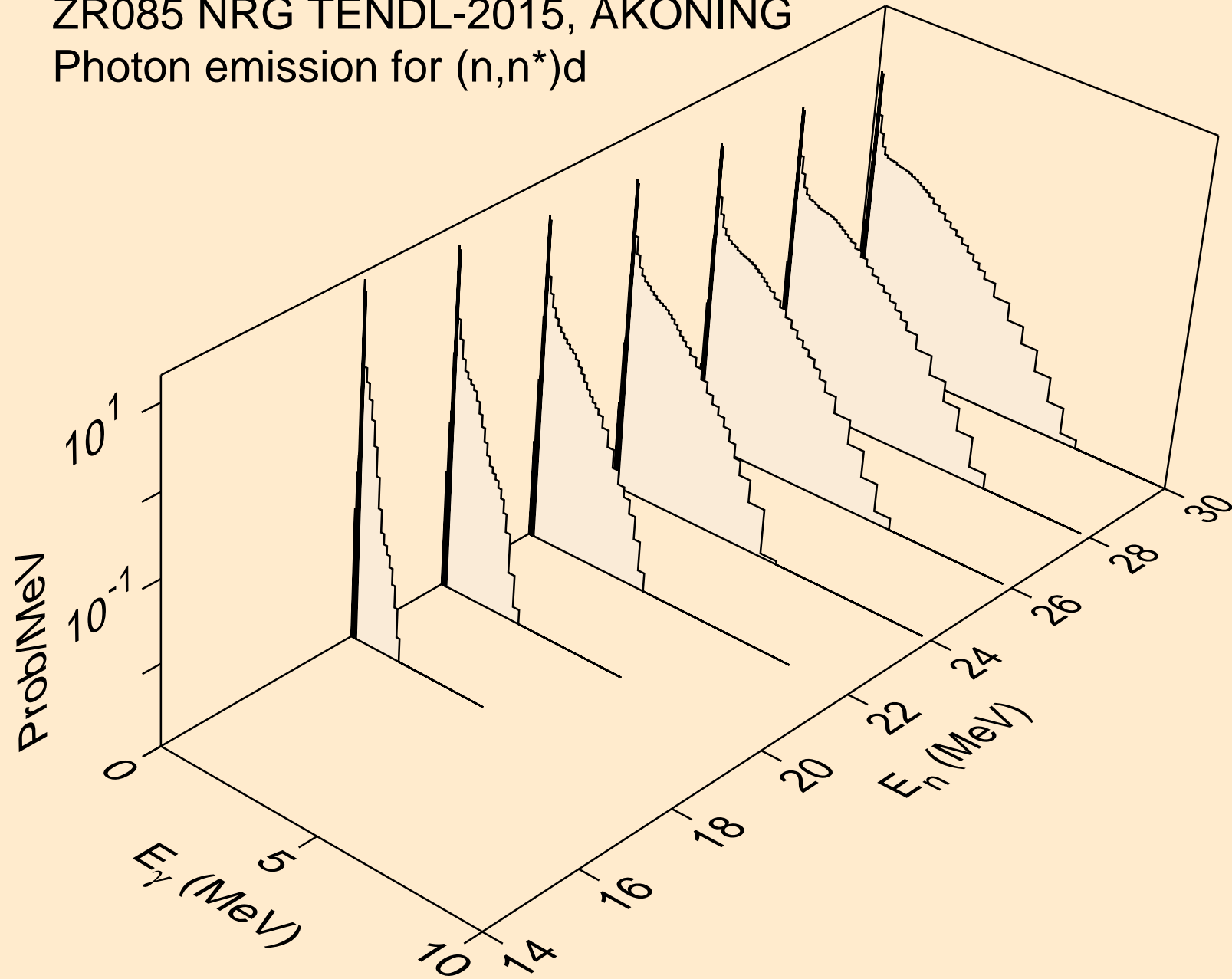
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



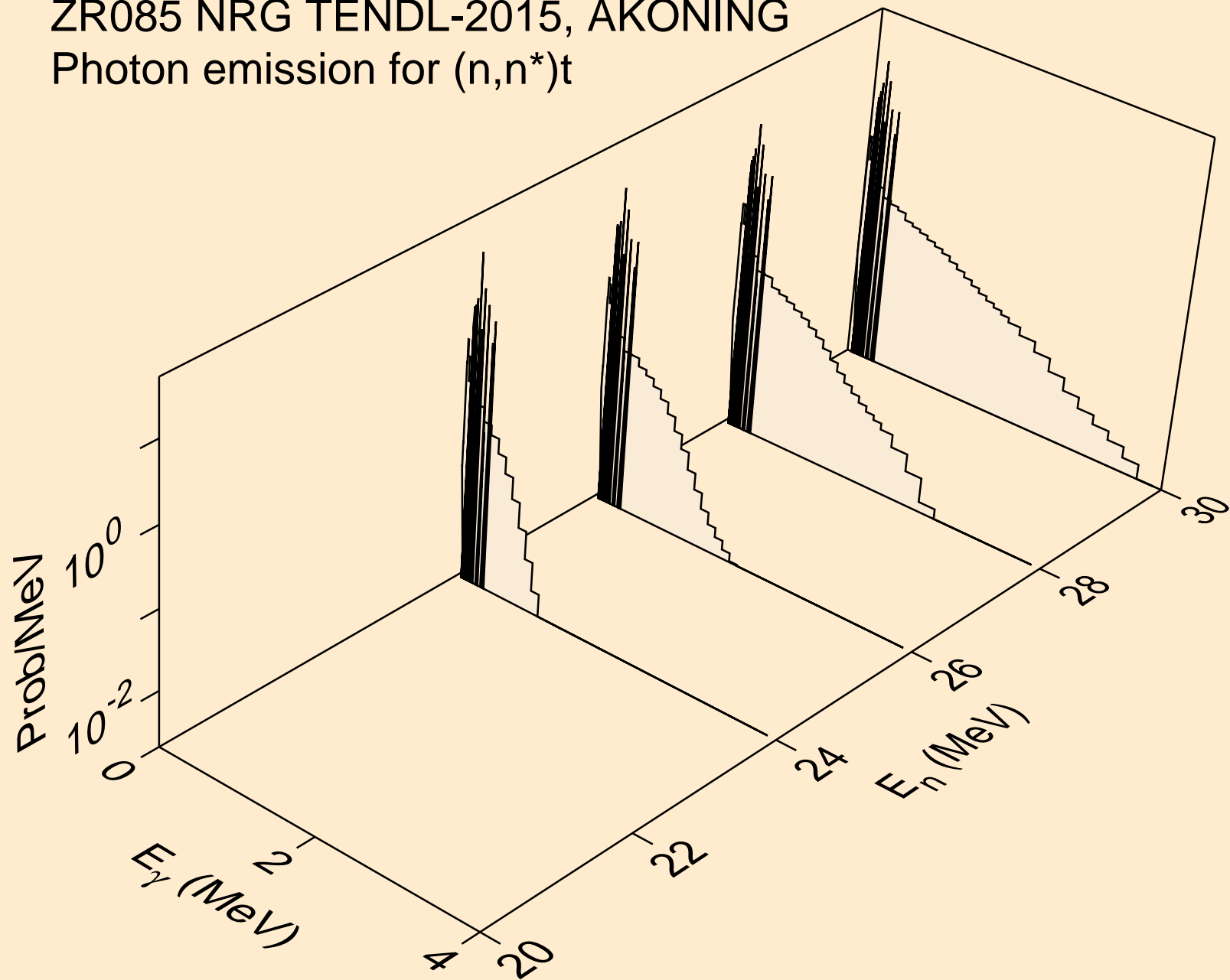


ZR085 NRG TENDL-2015, AKONING

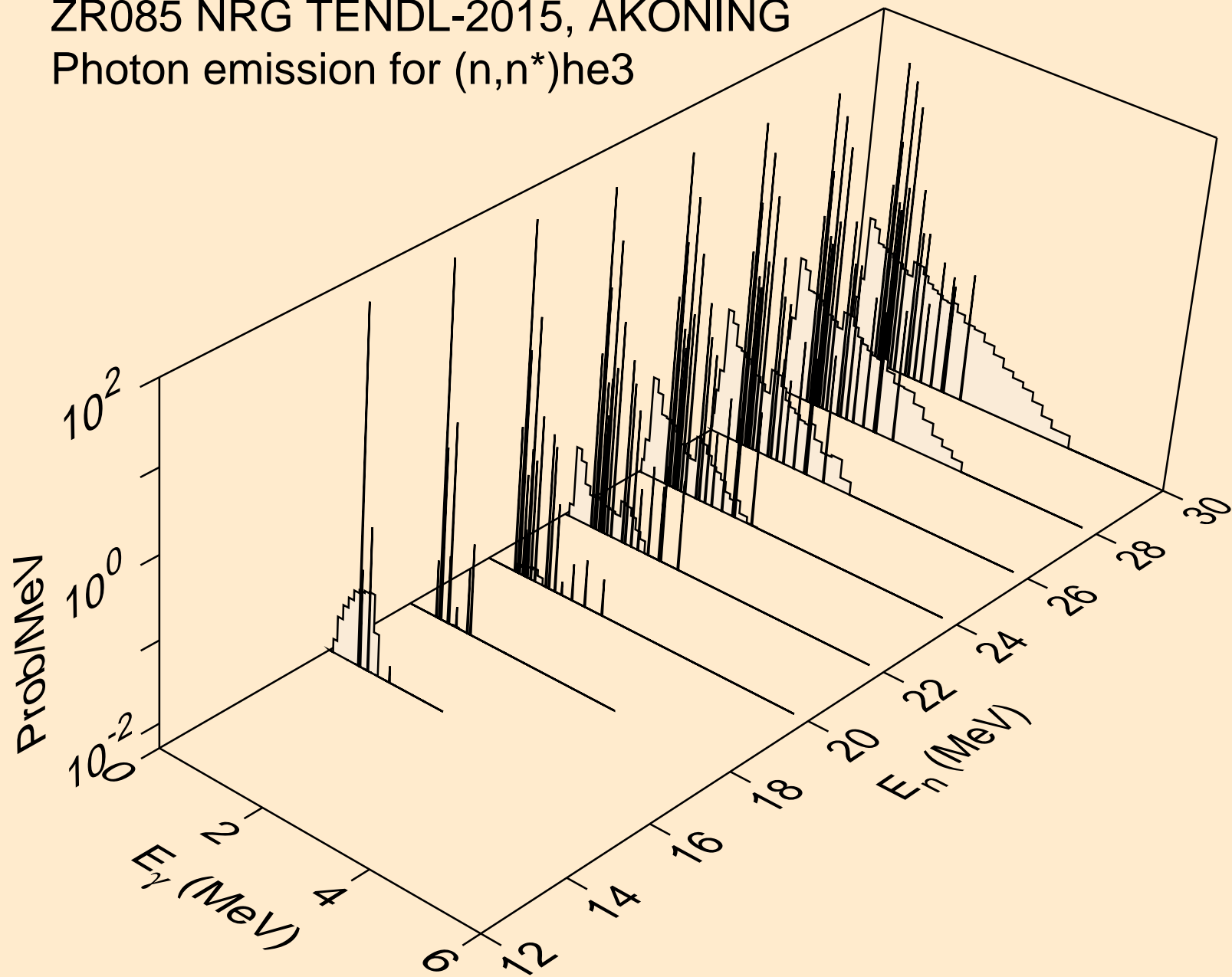
Photon emission for (n,n\*)d



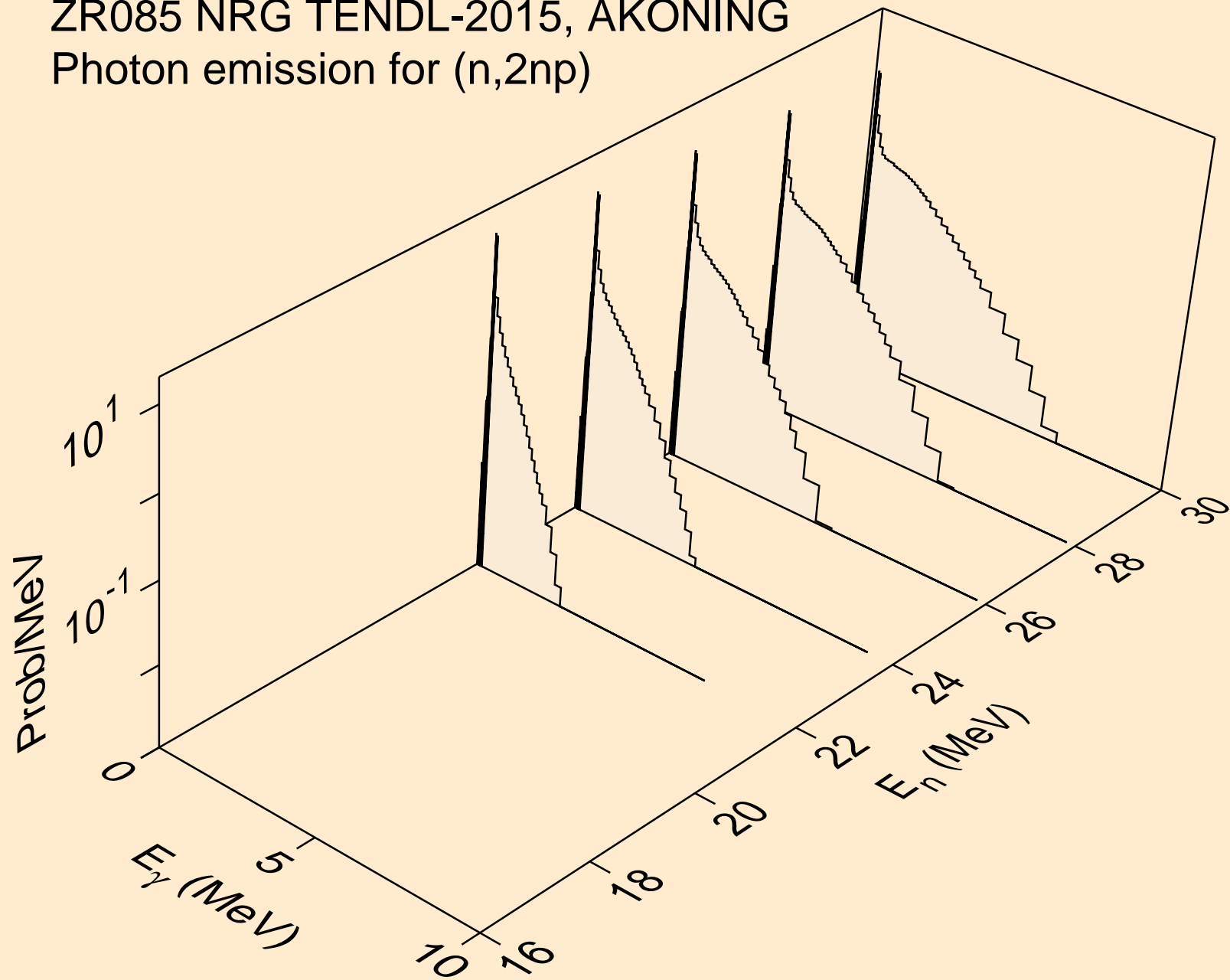
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



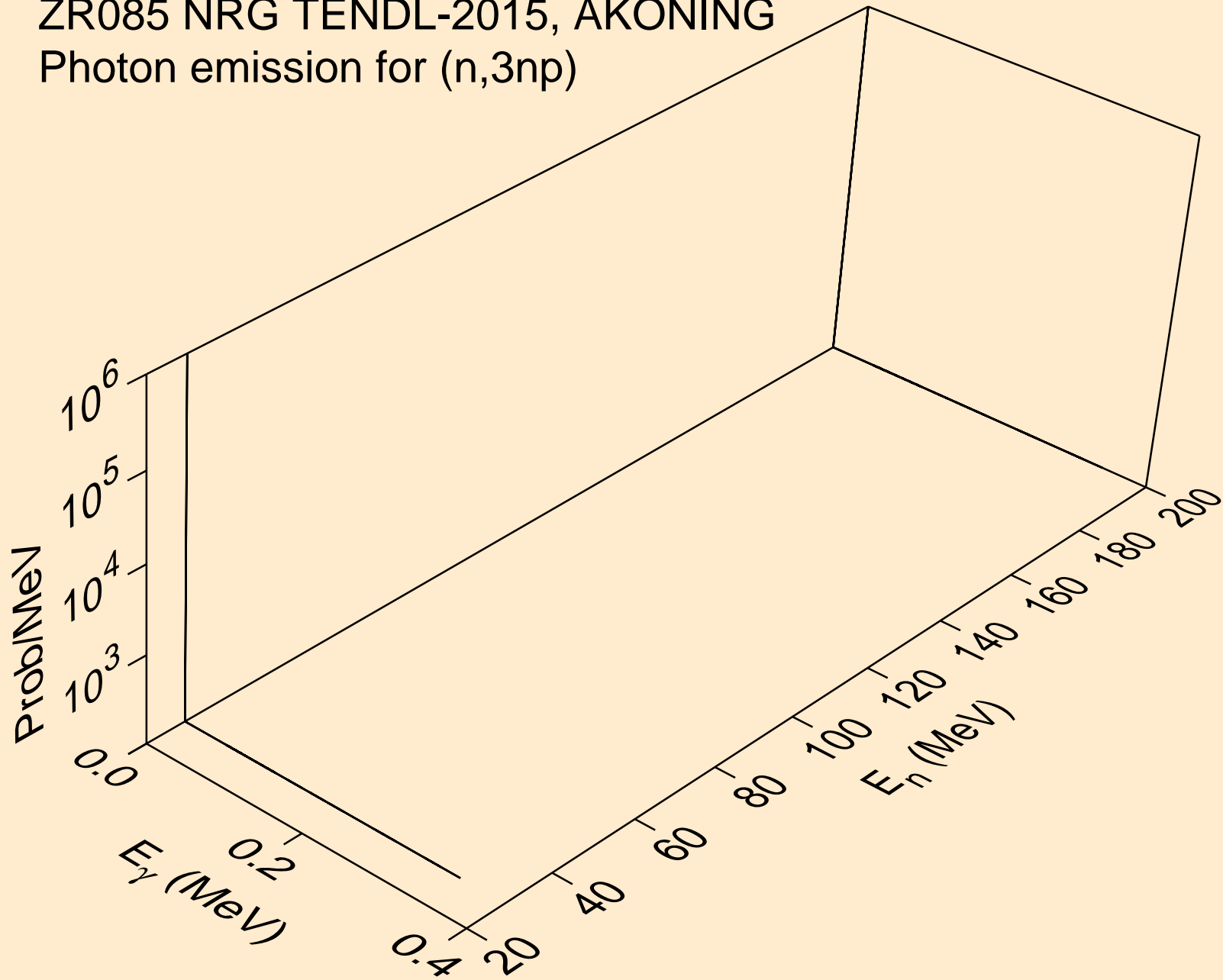
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



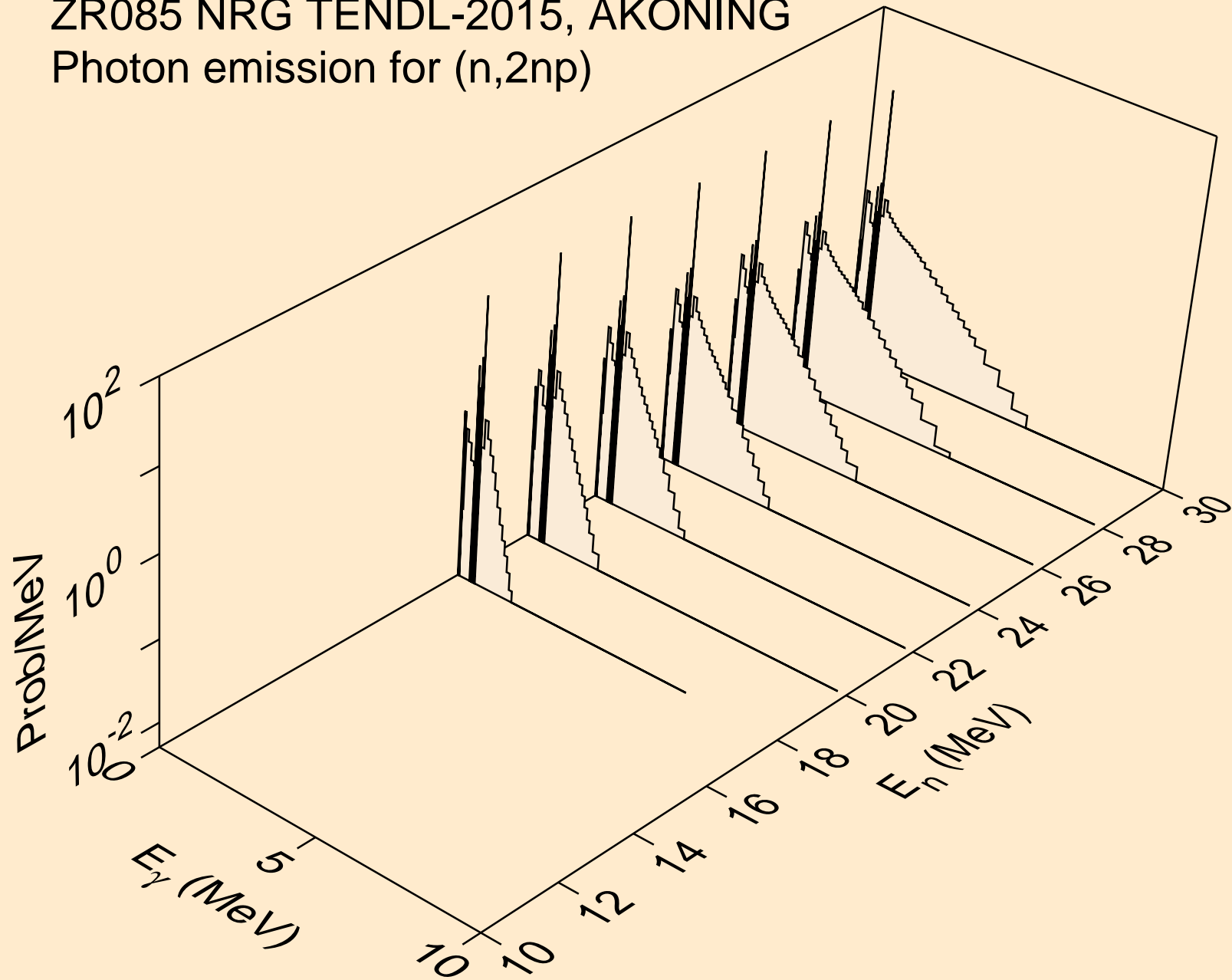
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Photon emission for (n,2np)



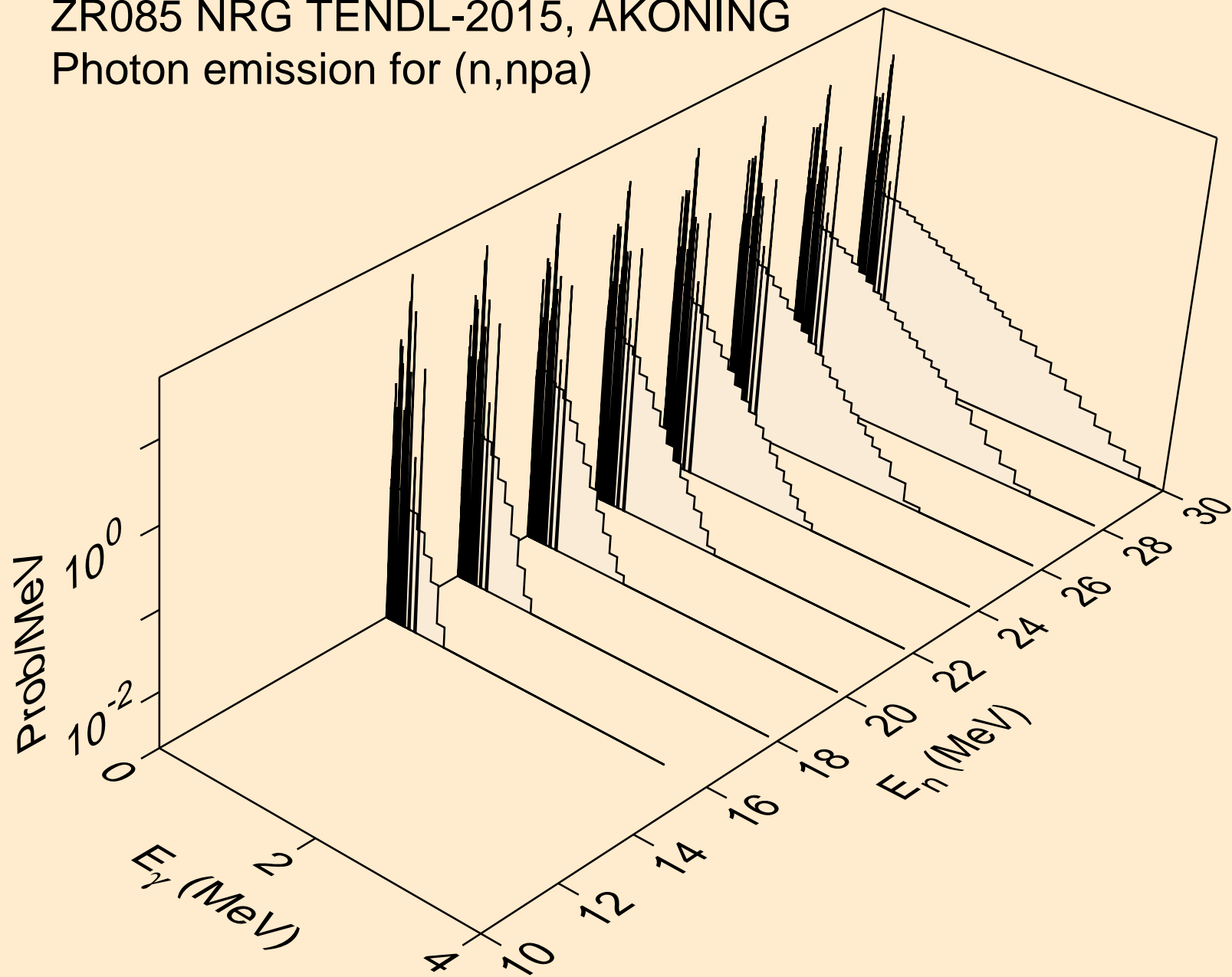
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Photon emission for (n,3np)



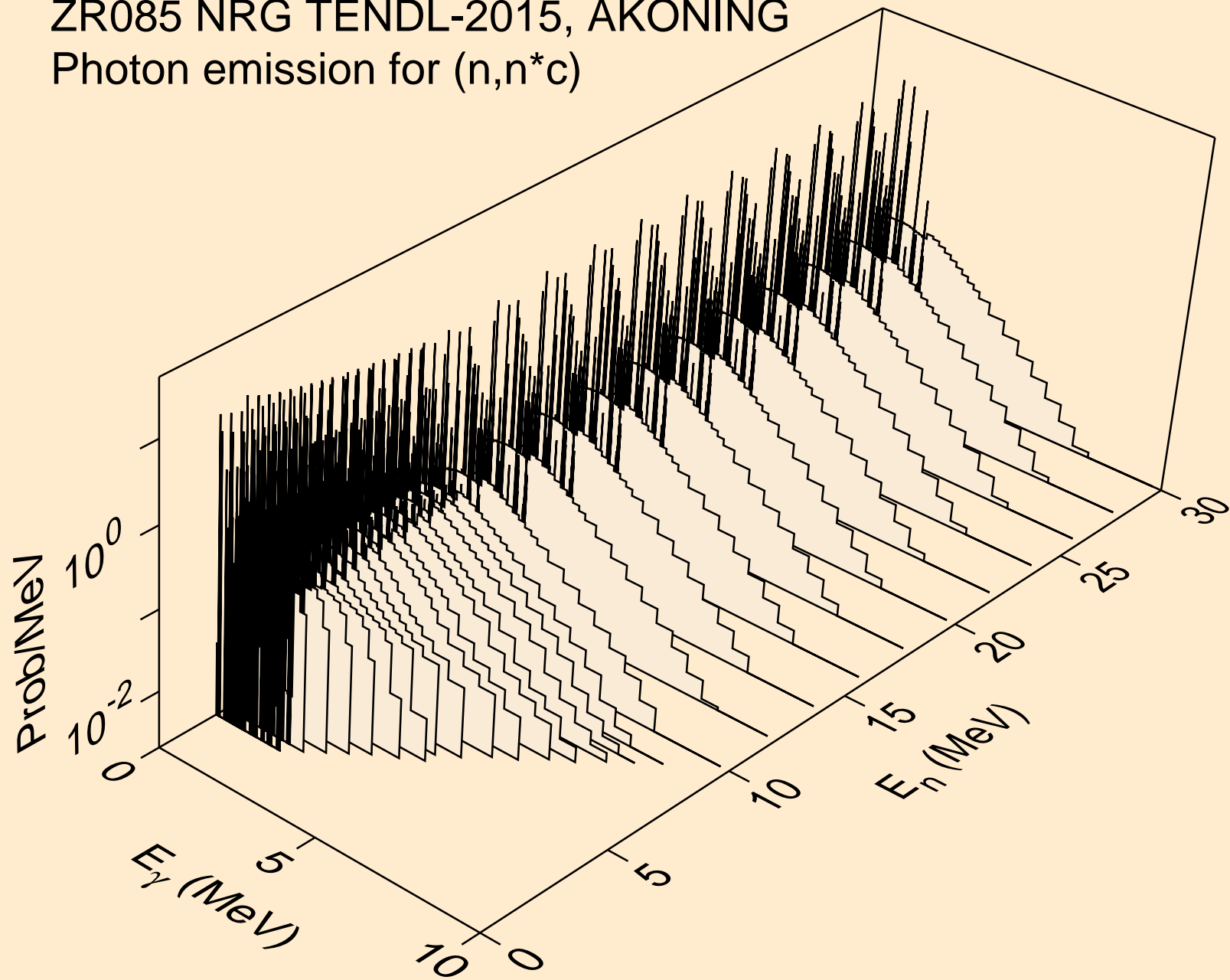
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

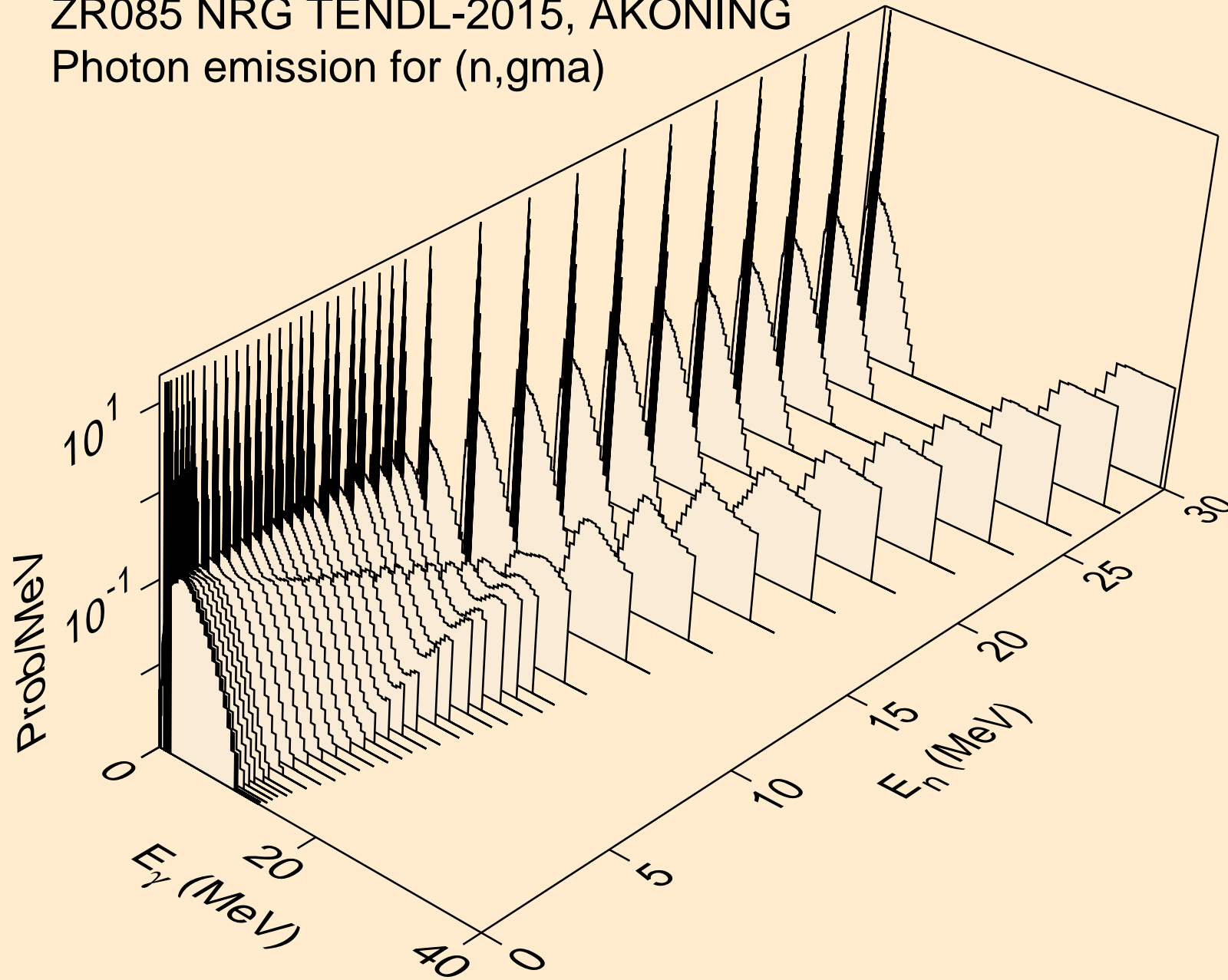


ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

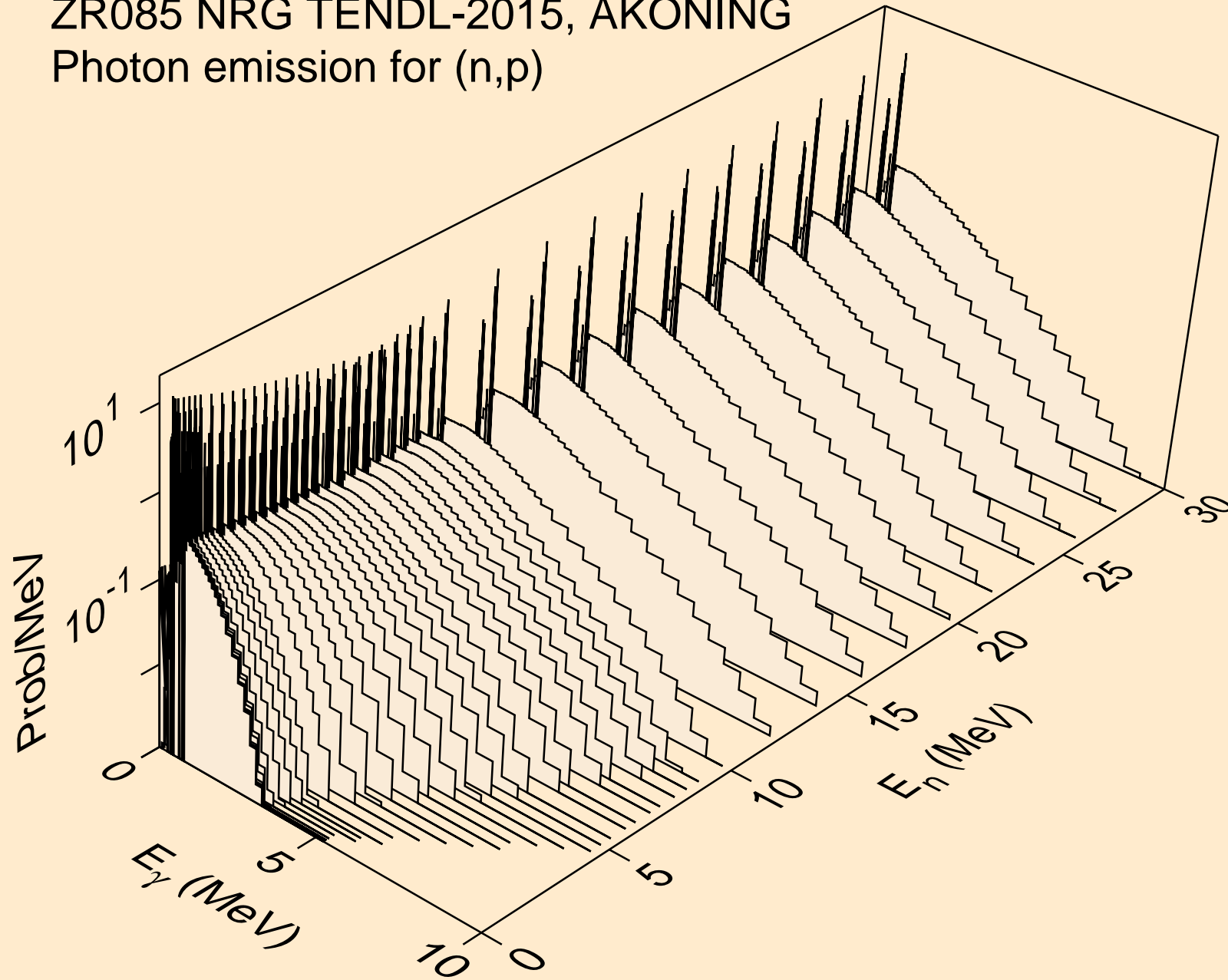




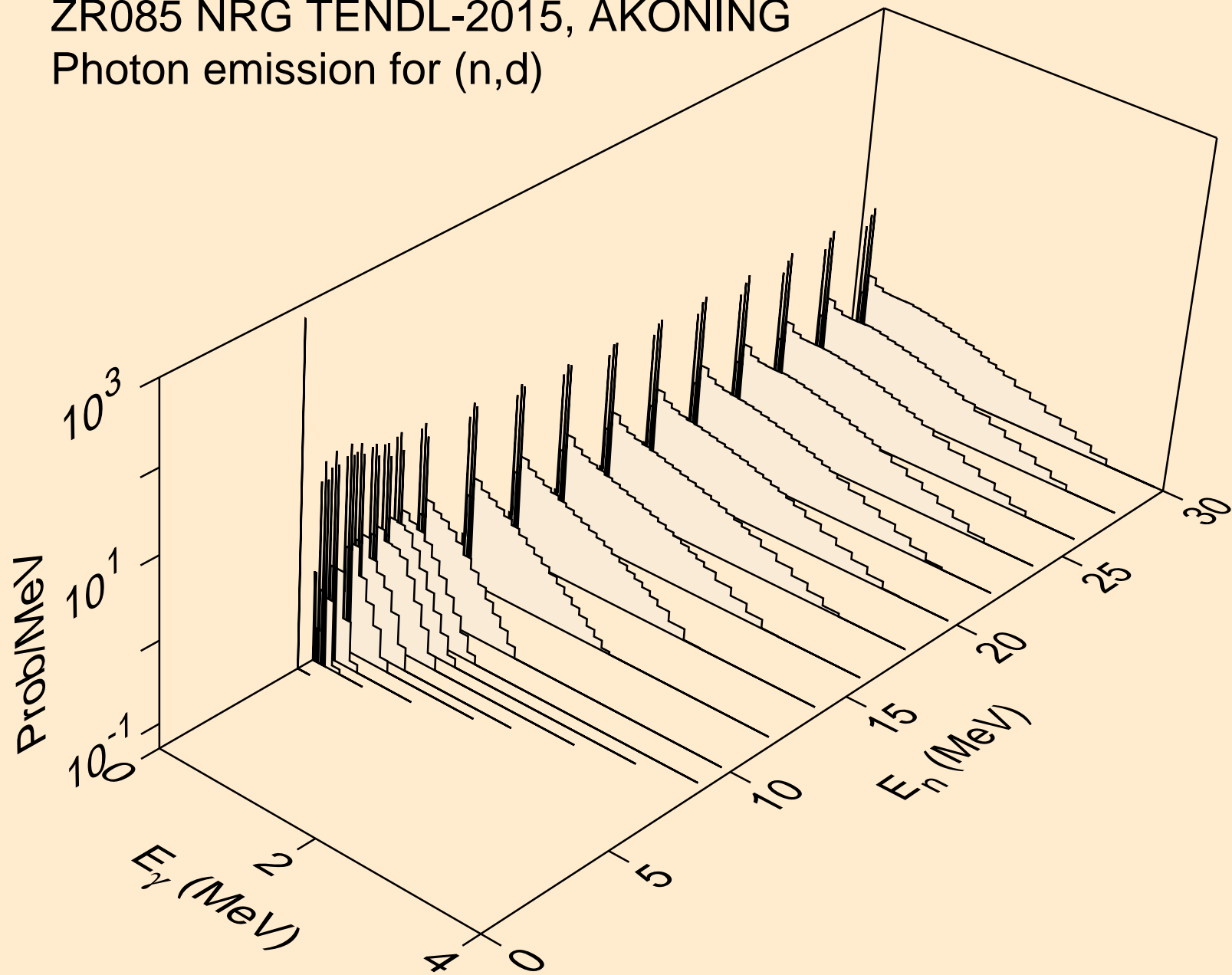
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



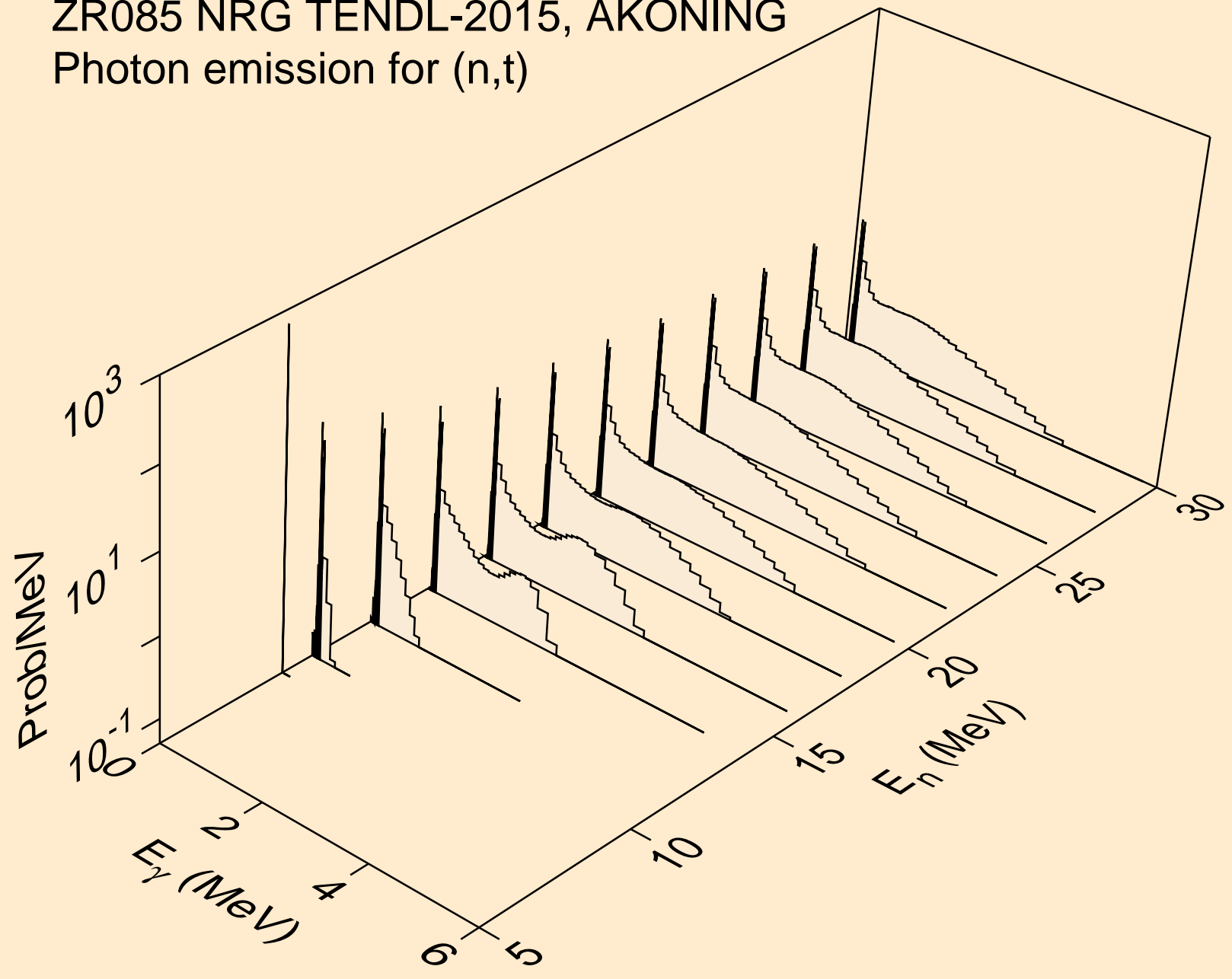
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



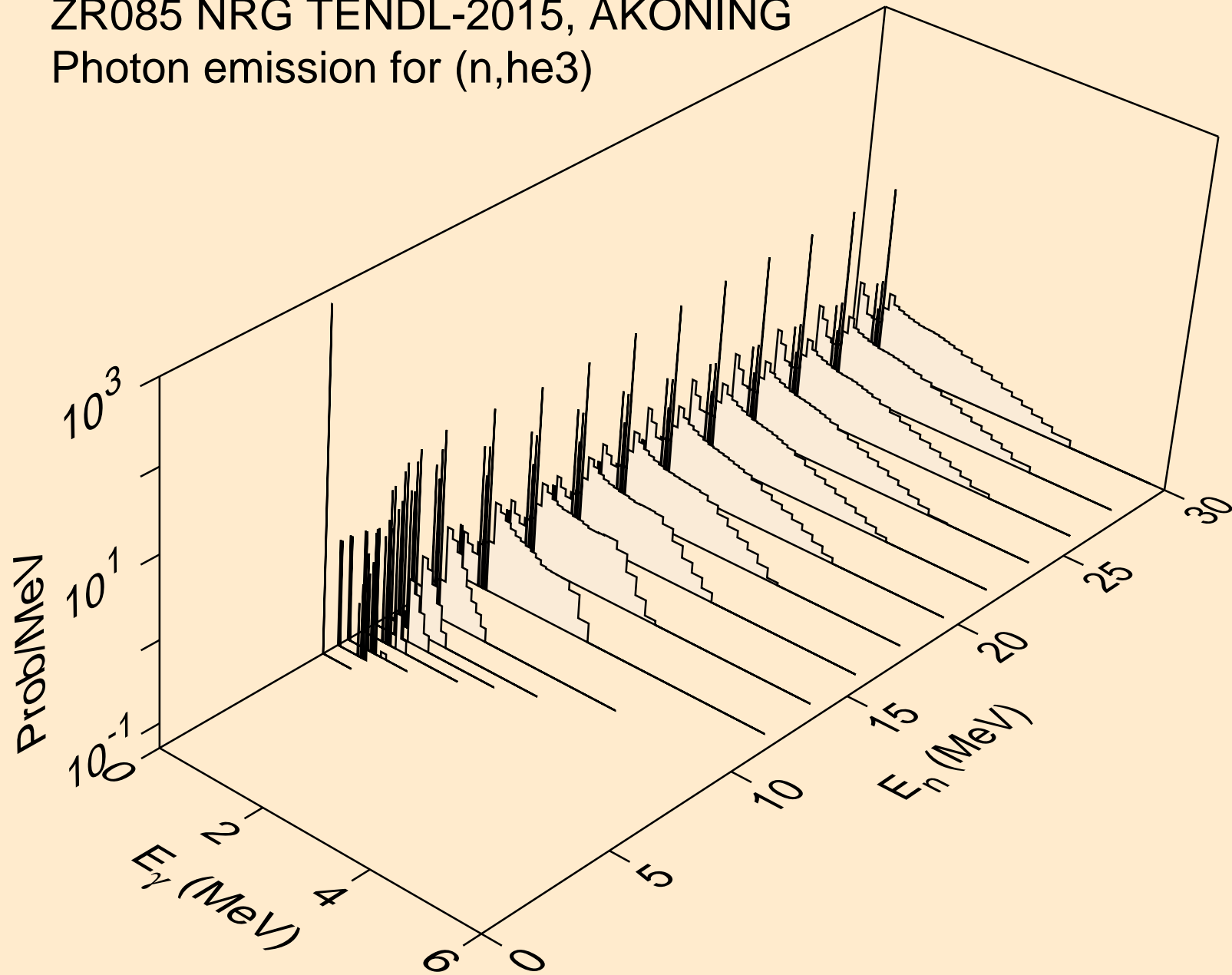
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



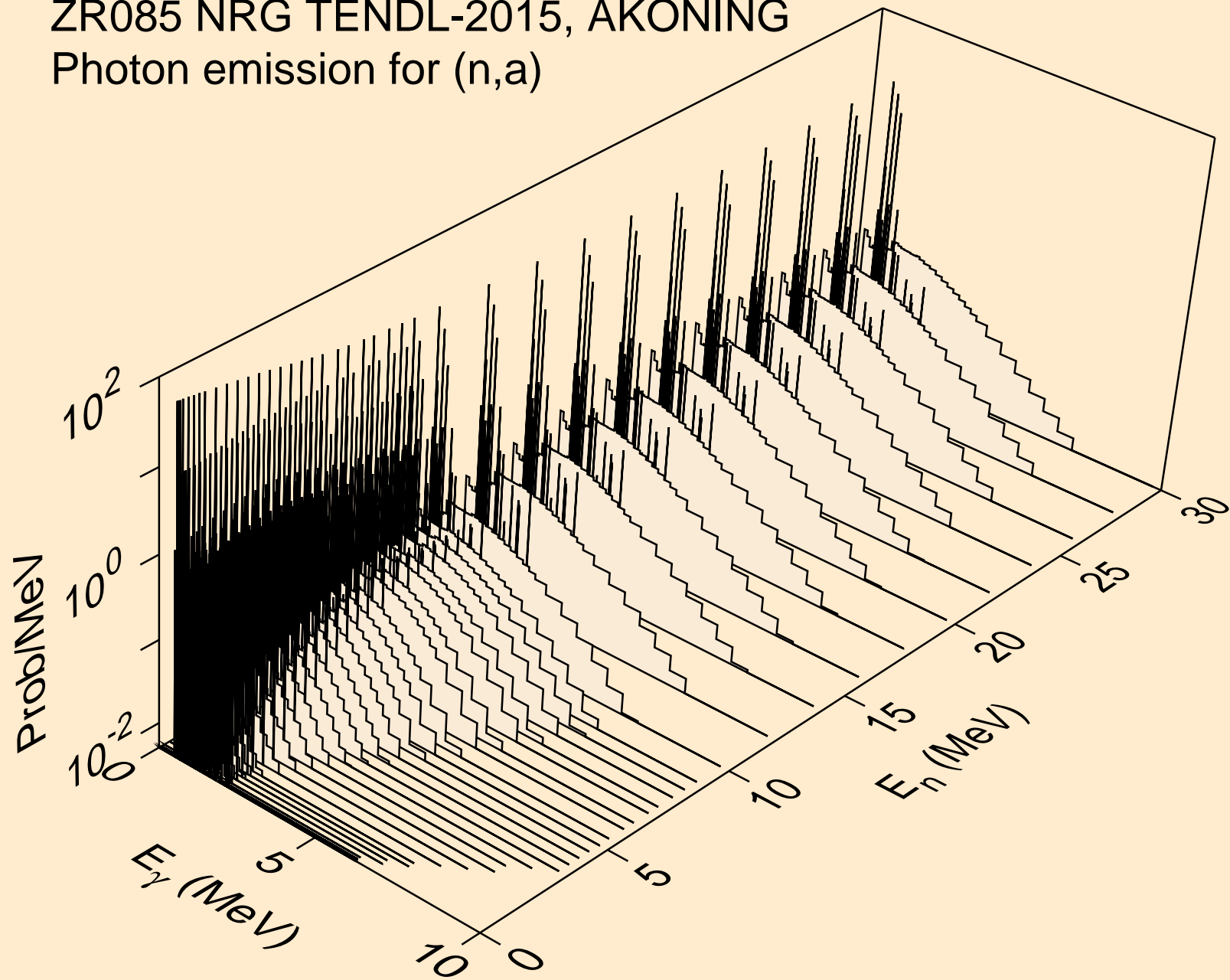
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



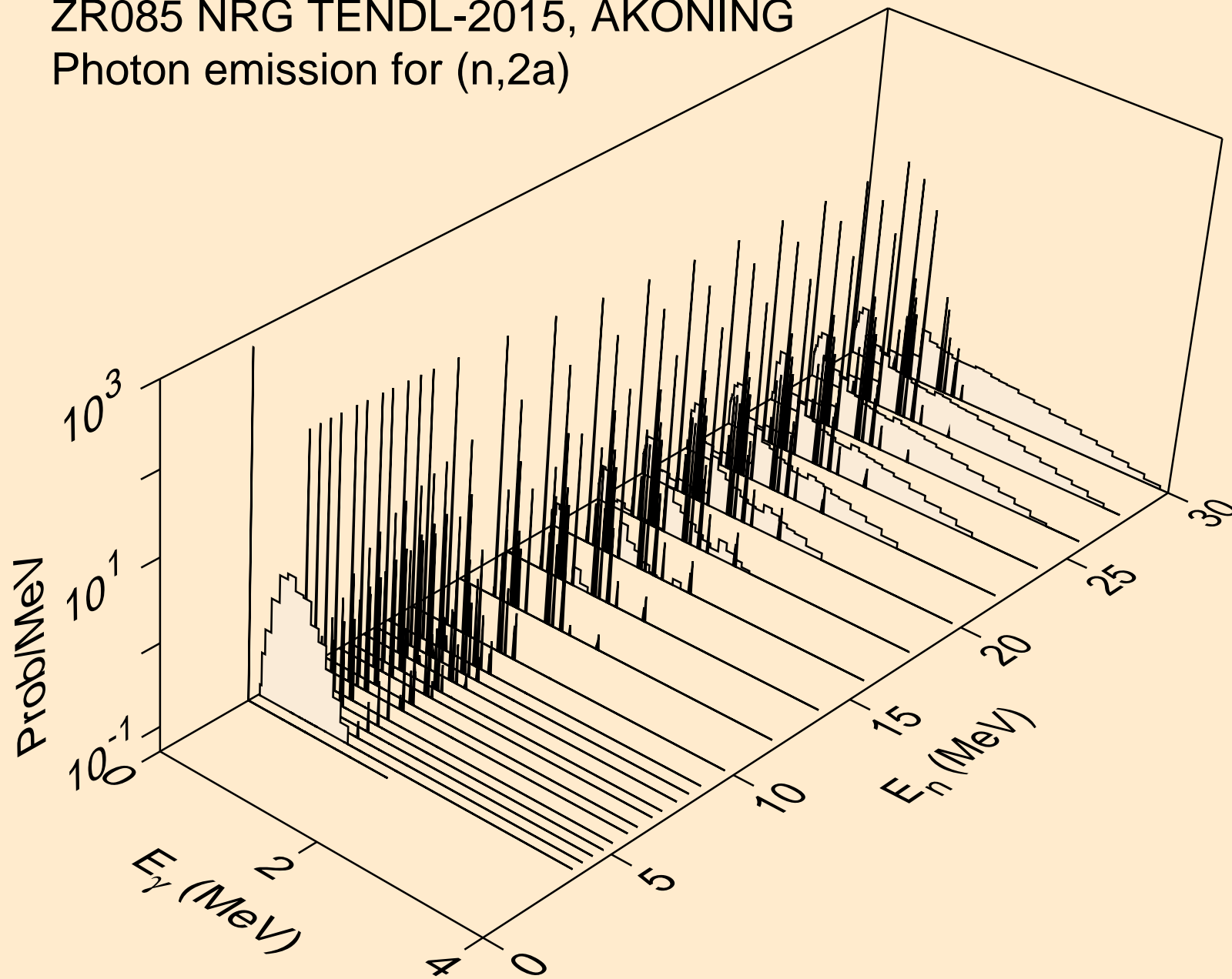
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



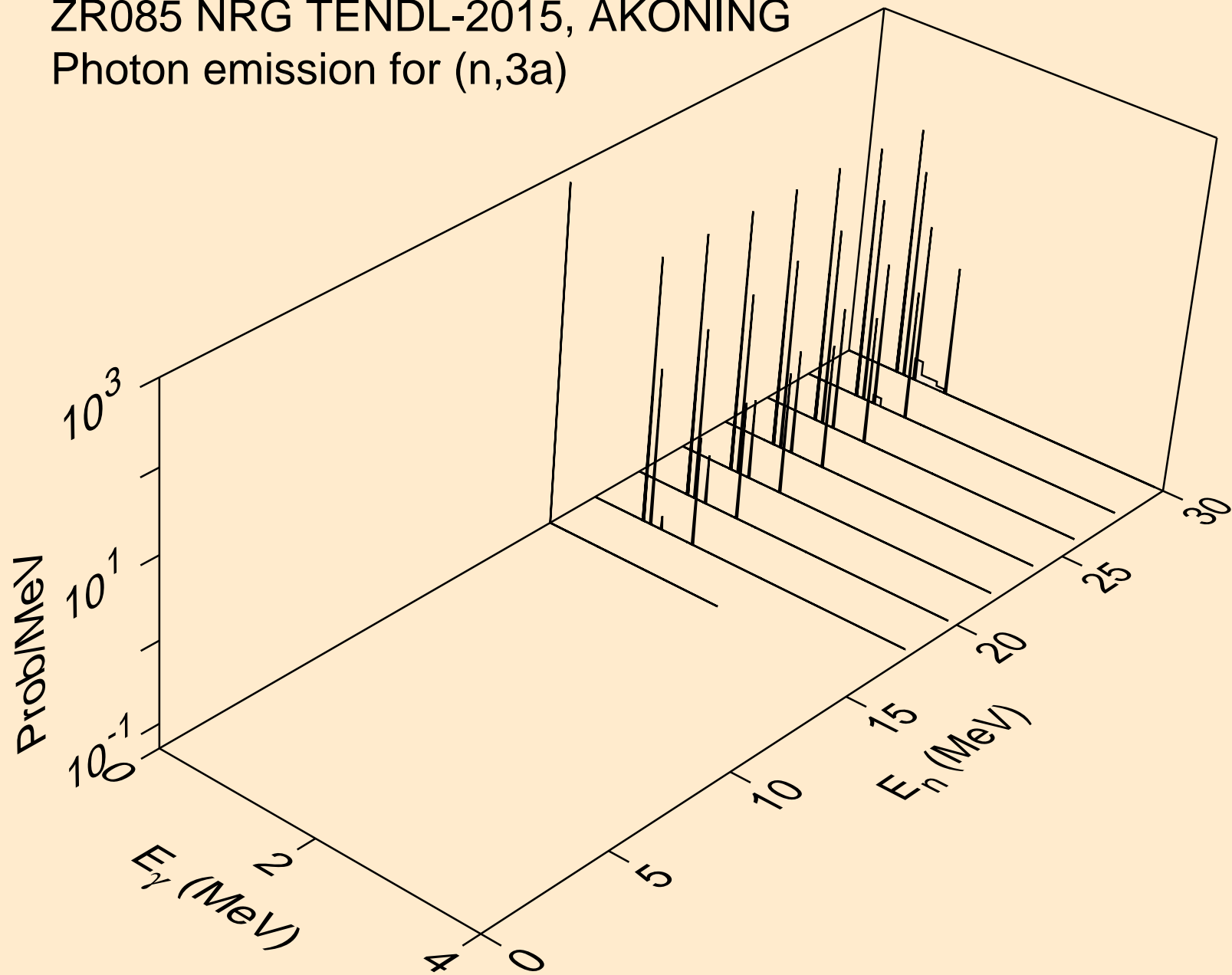
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

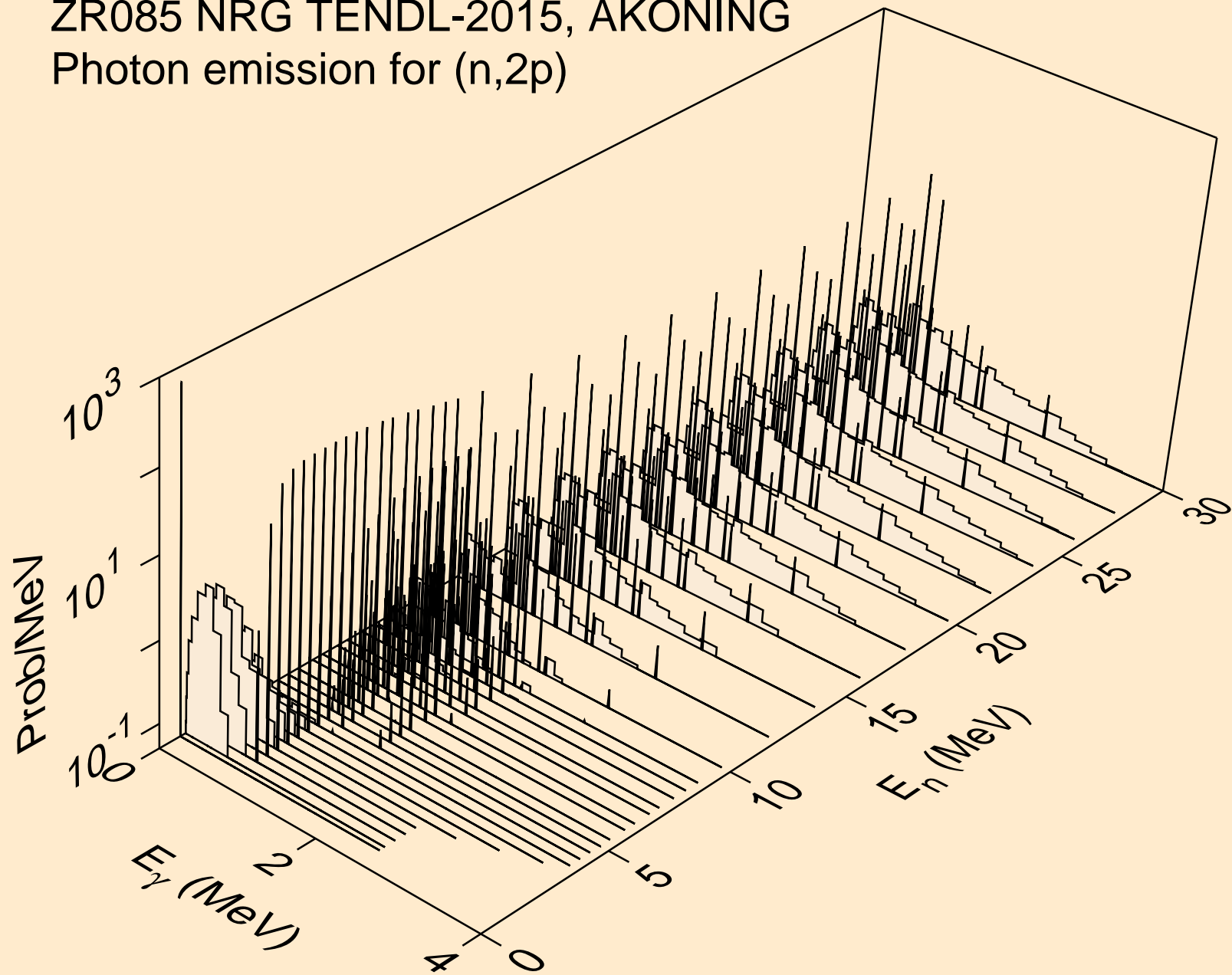


ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

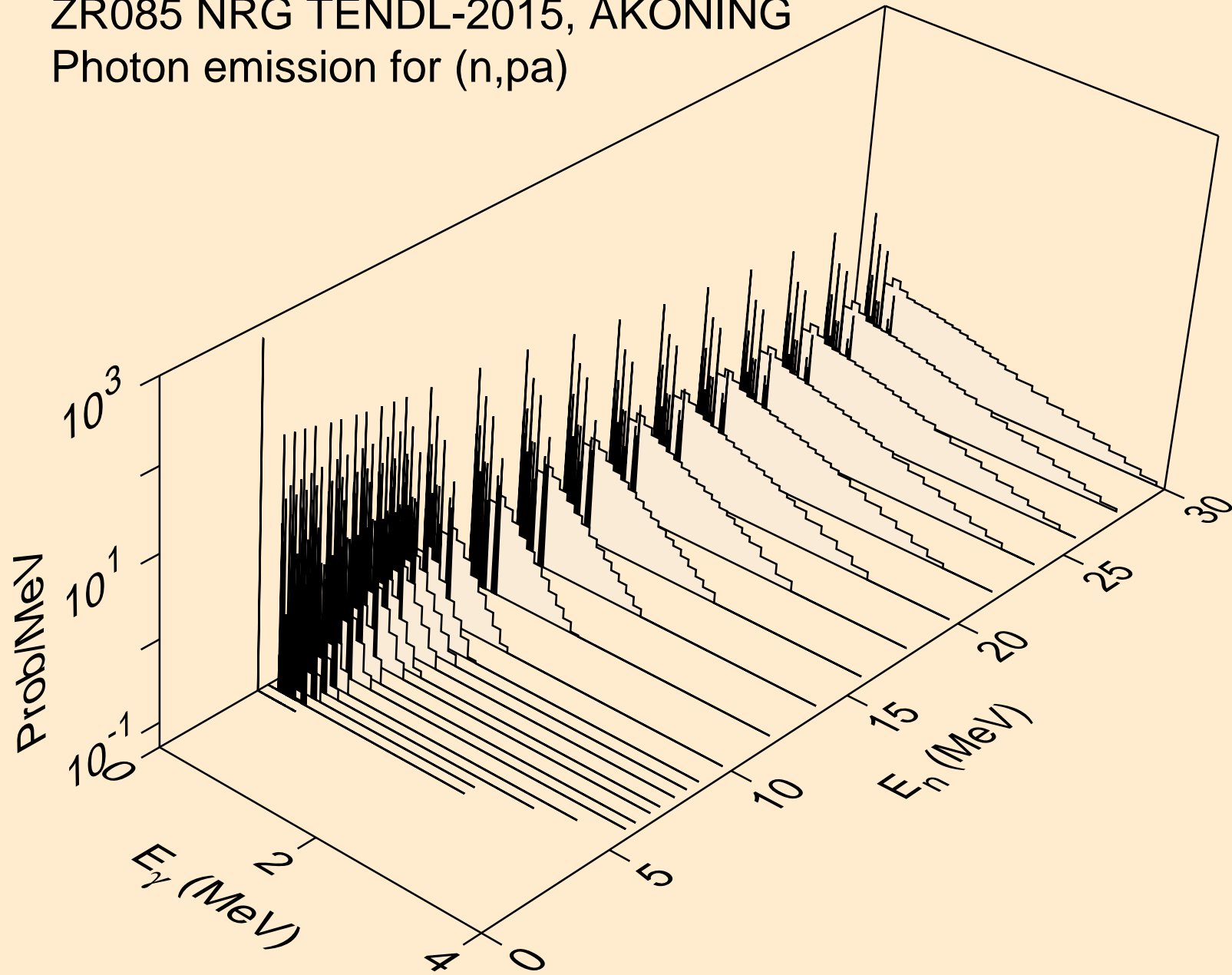




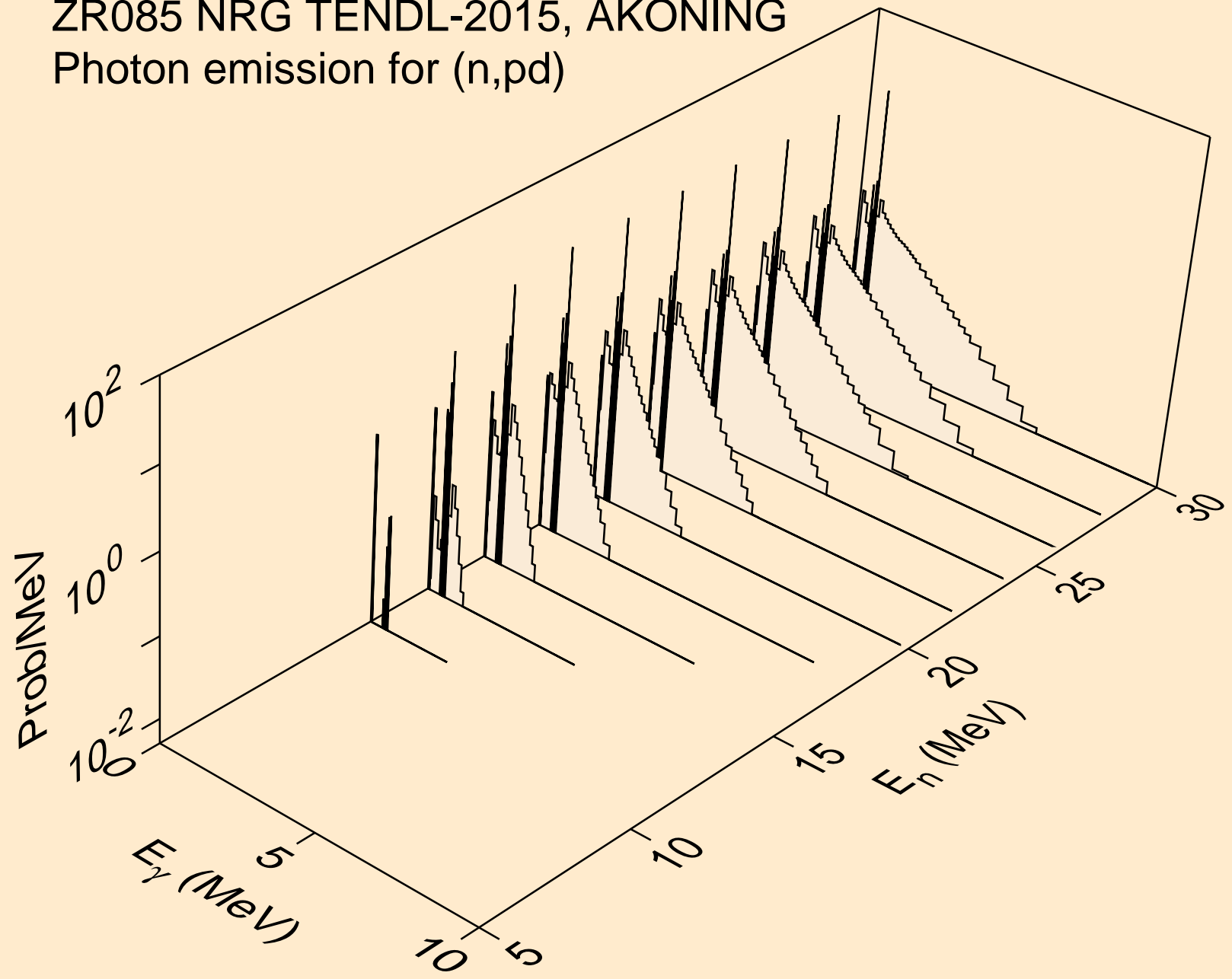
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Photon emission for (n,2p)



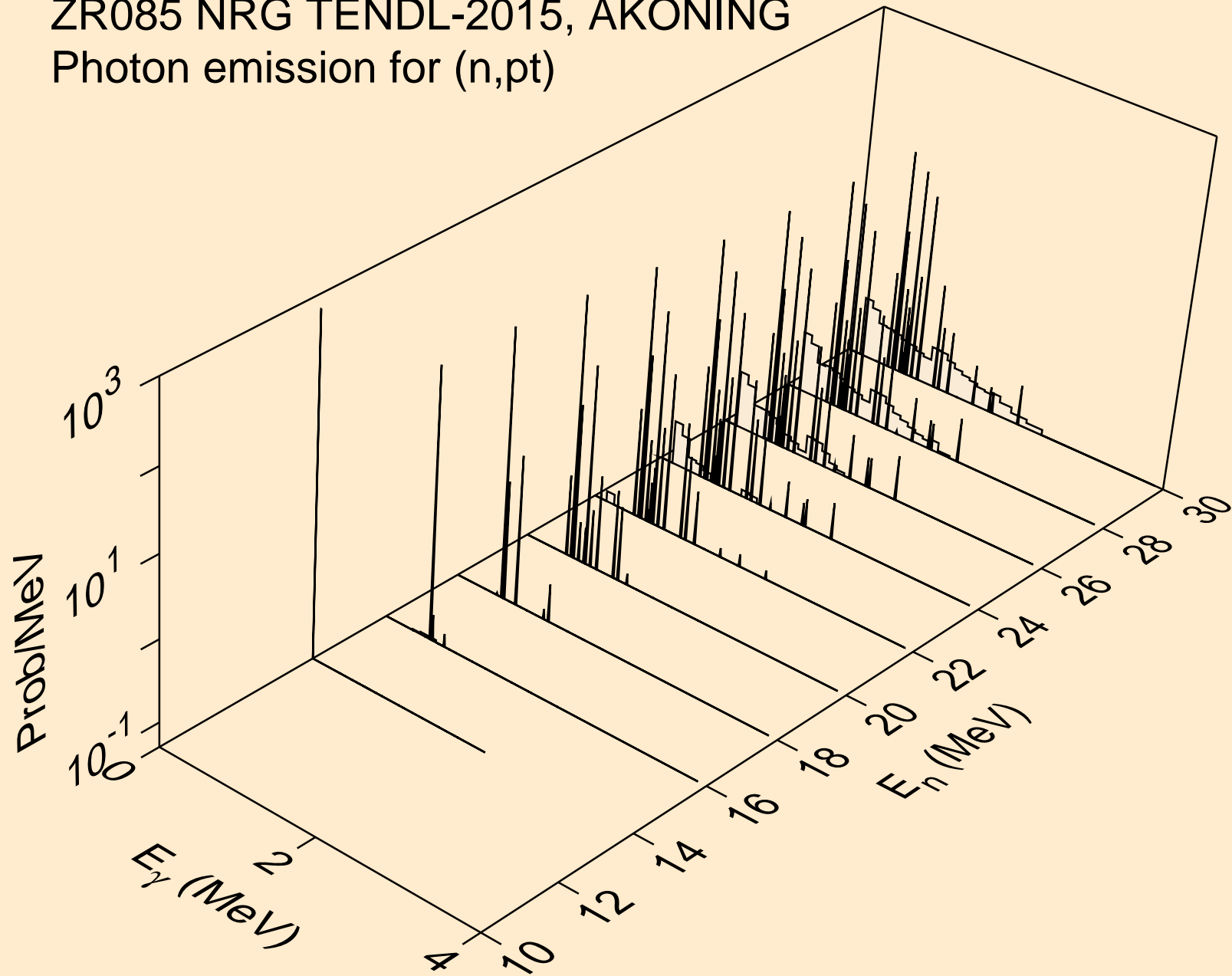
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



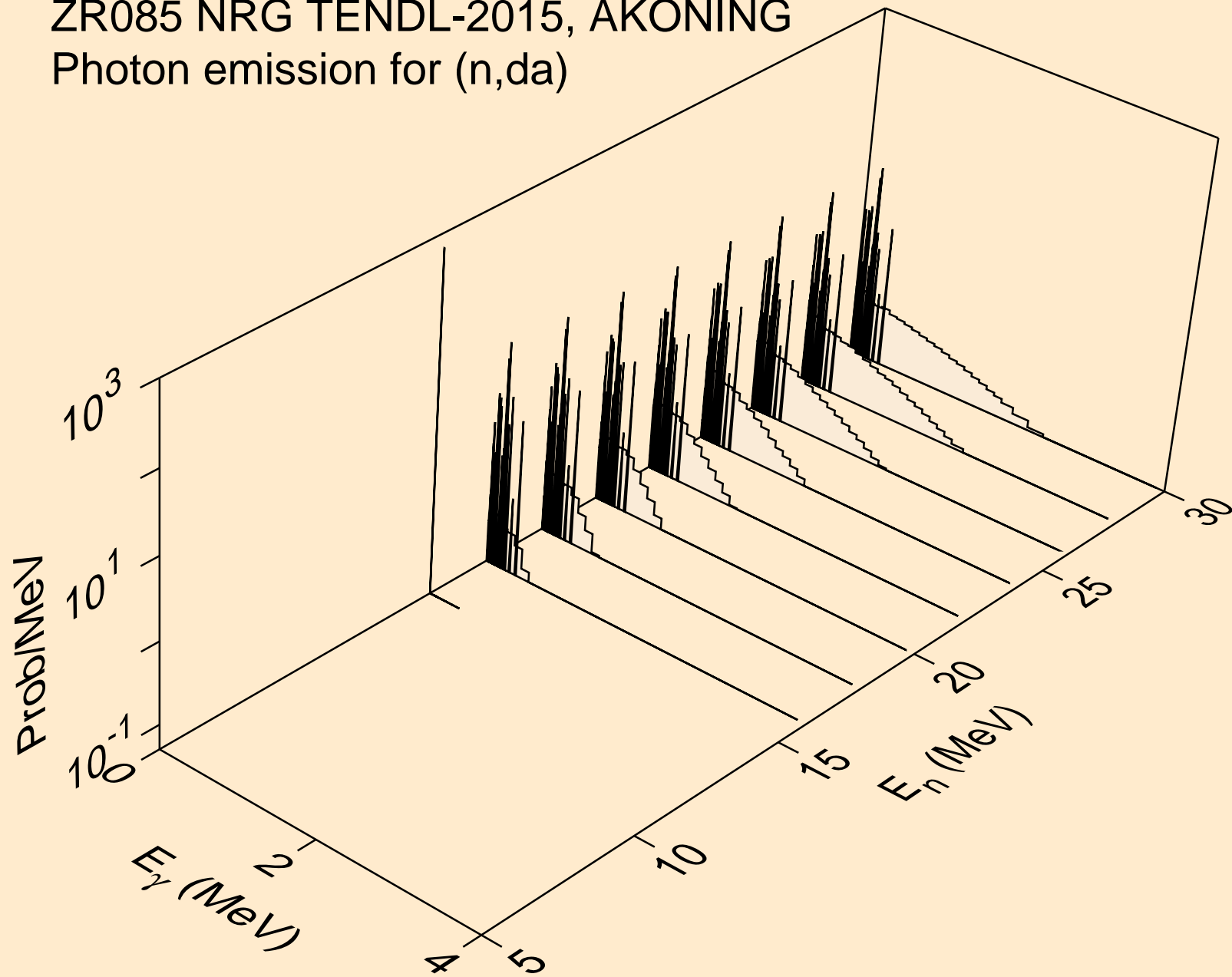
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



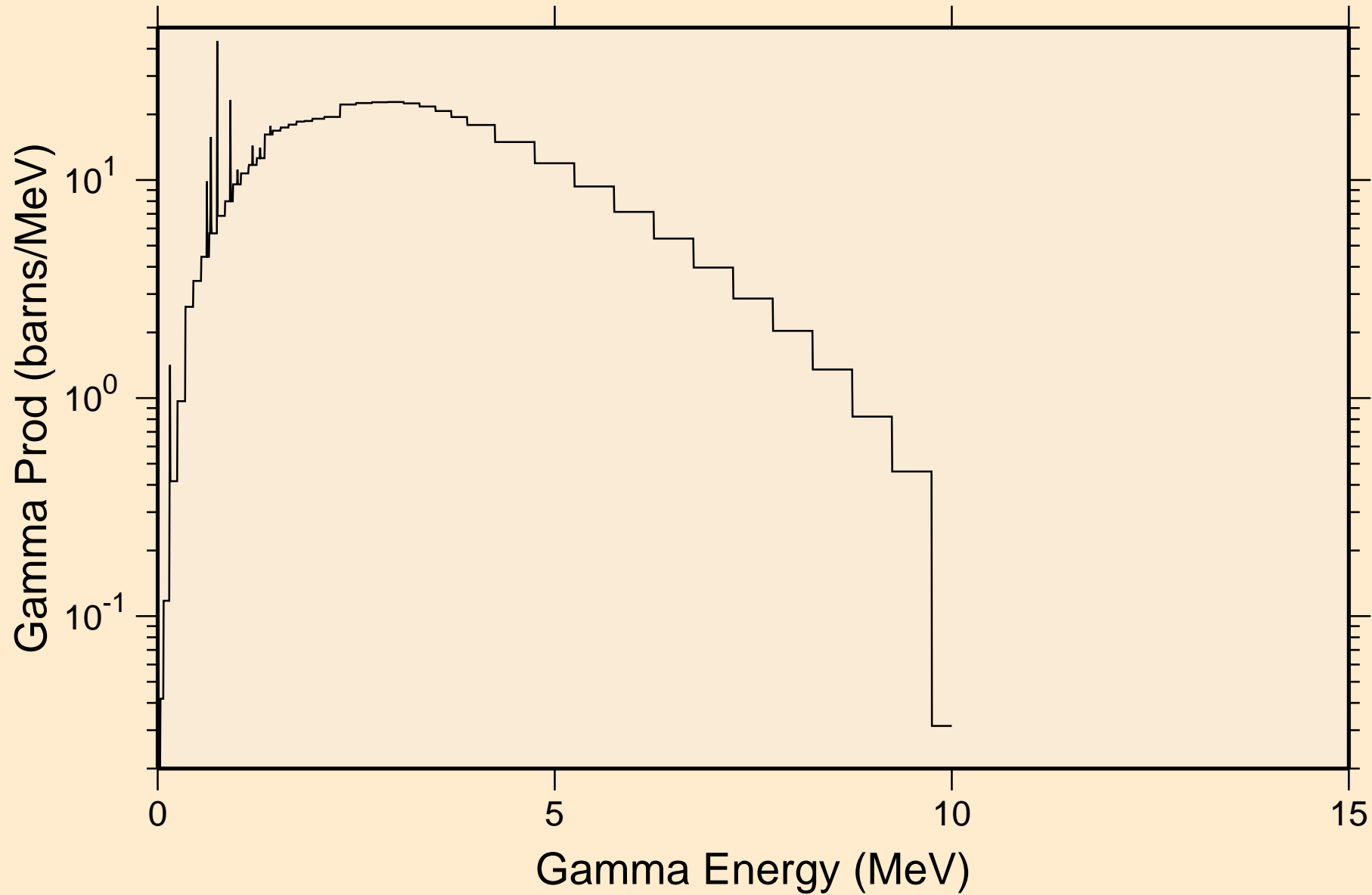
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



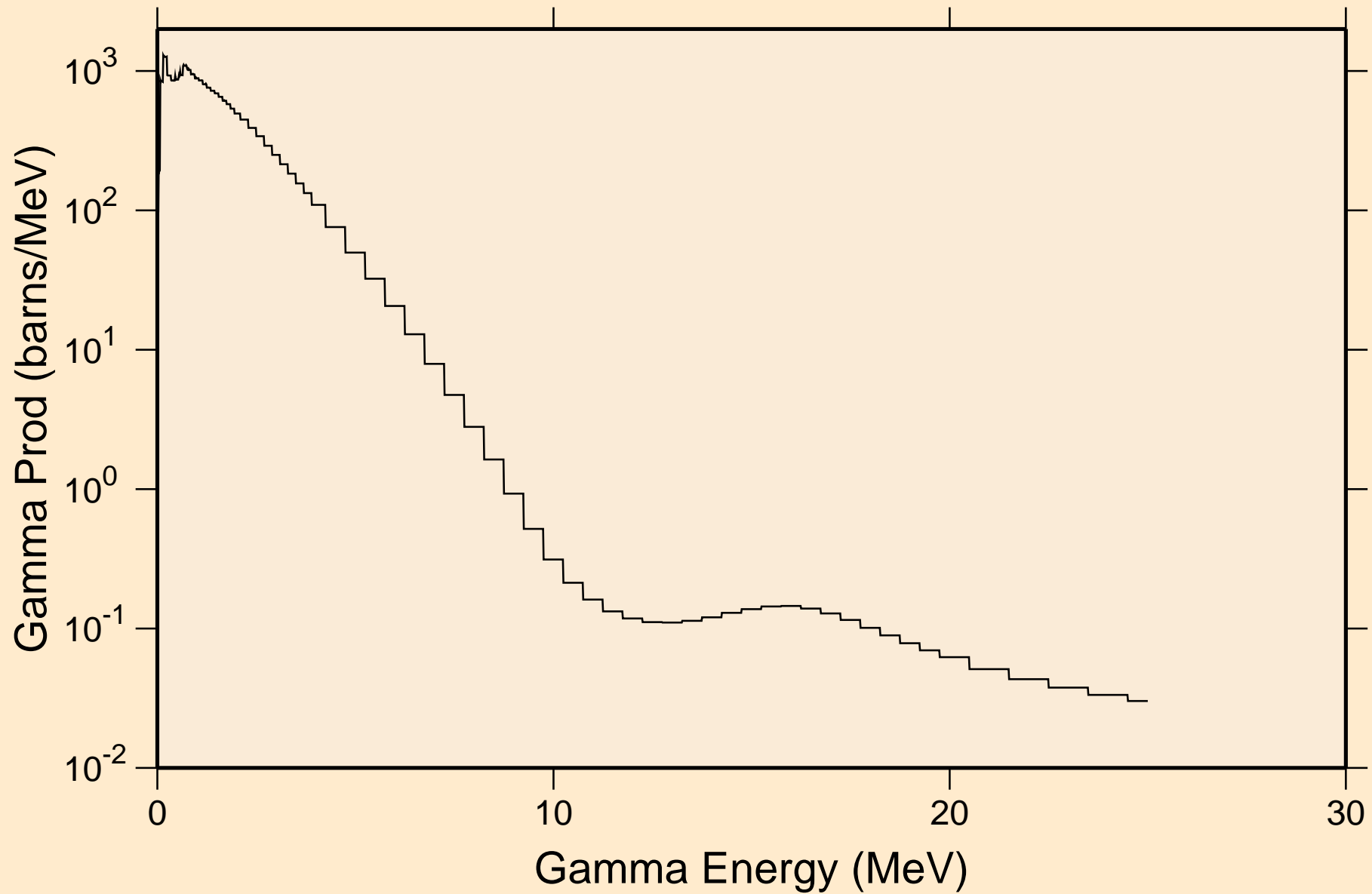
ZR085 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



ZR085 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

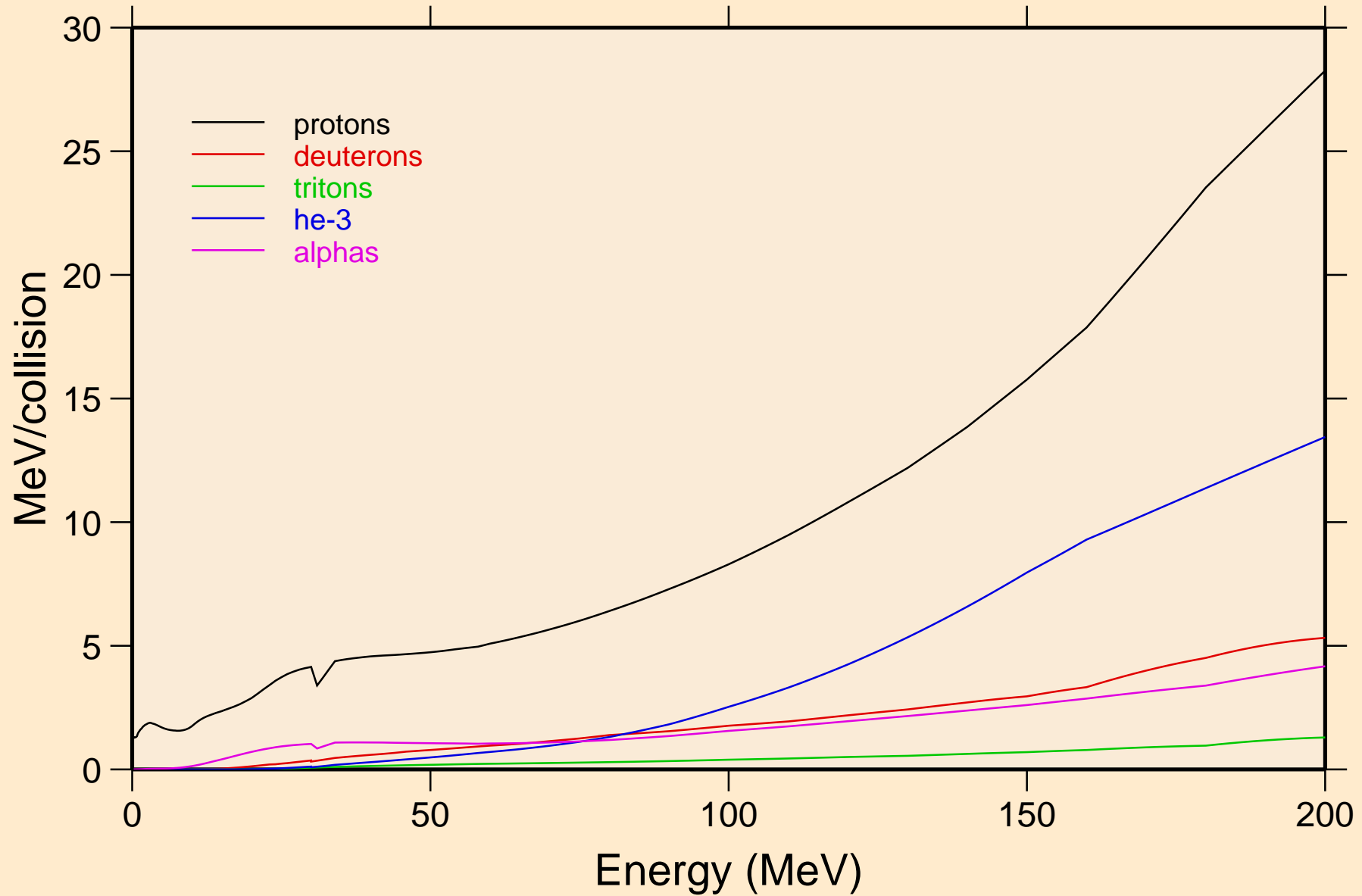


ZR085 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# ZR085 NRG TENDL-2015, AKONING

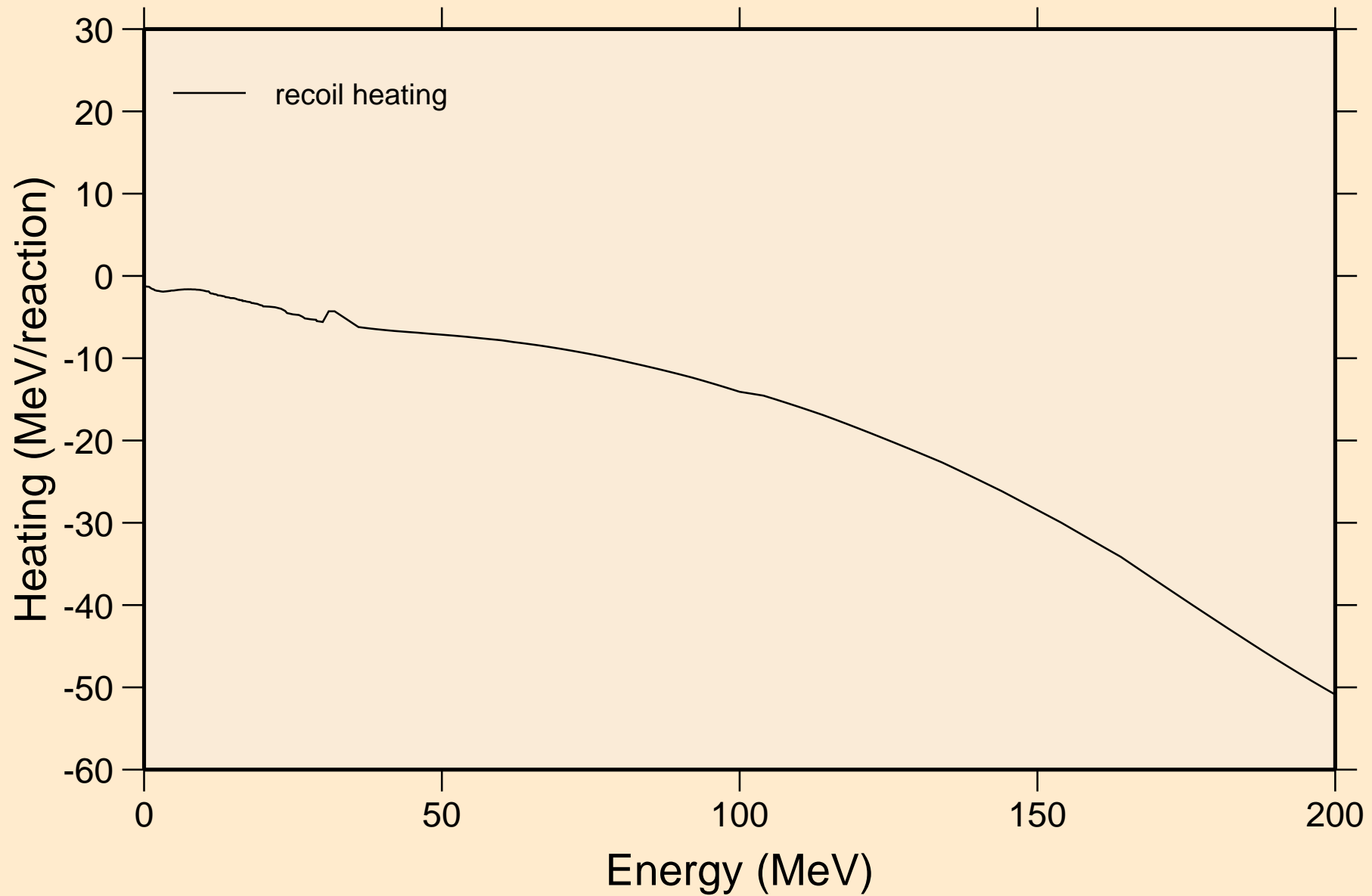
## Particle heating contributions





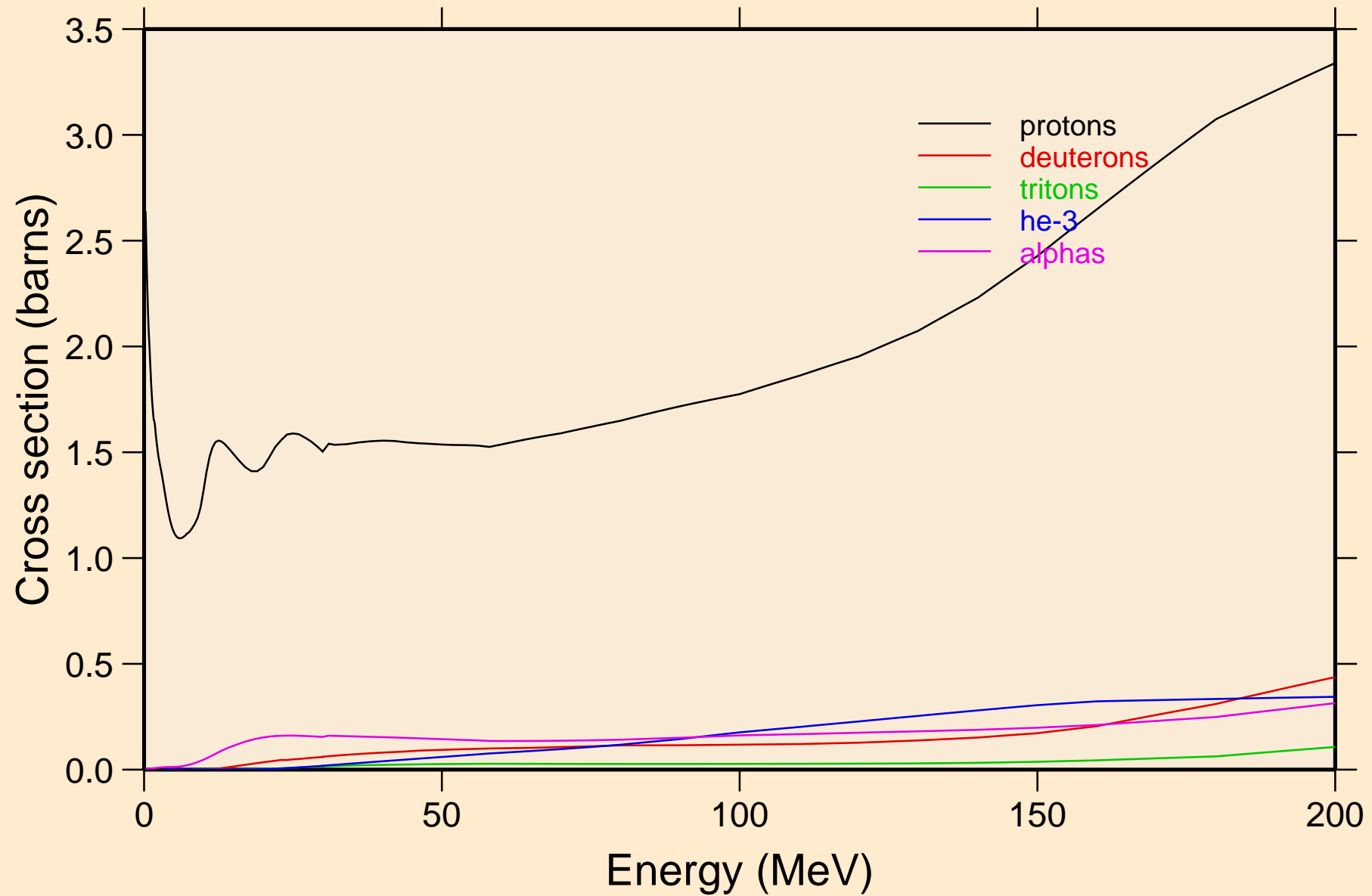
# ZR085 NRG TENDL-2015, AKONING

## Recoil Heating

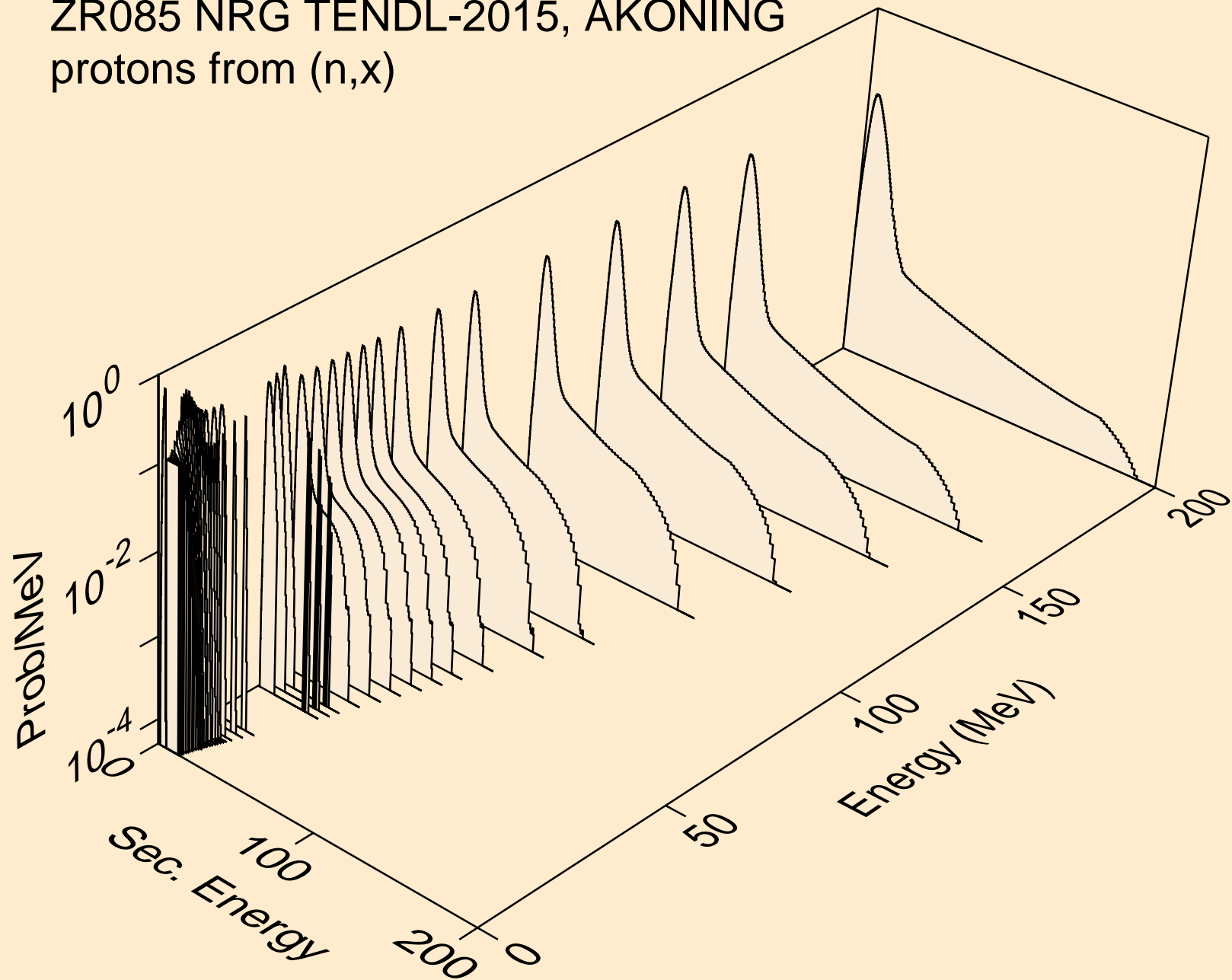


# ZR085 NRG TENDL-2015, AKONING

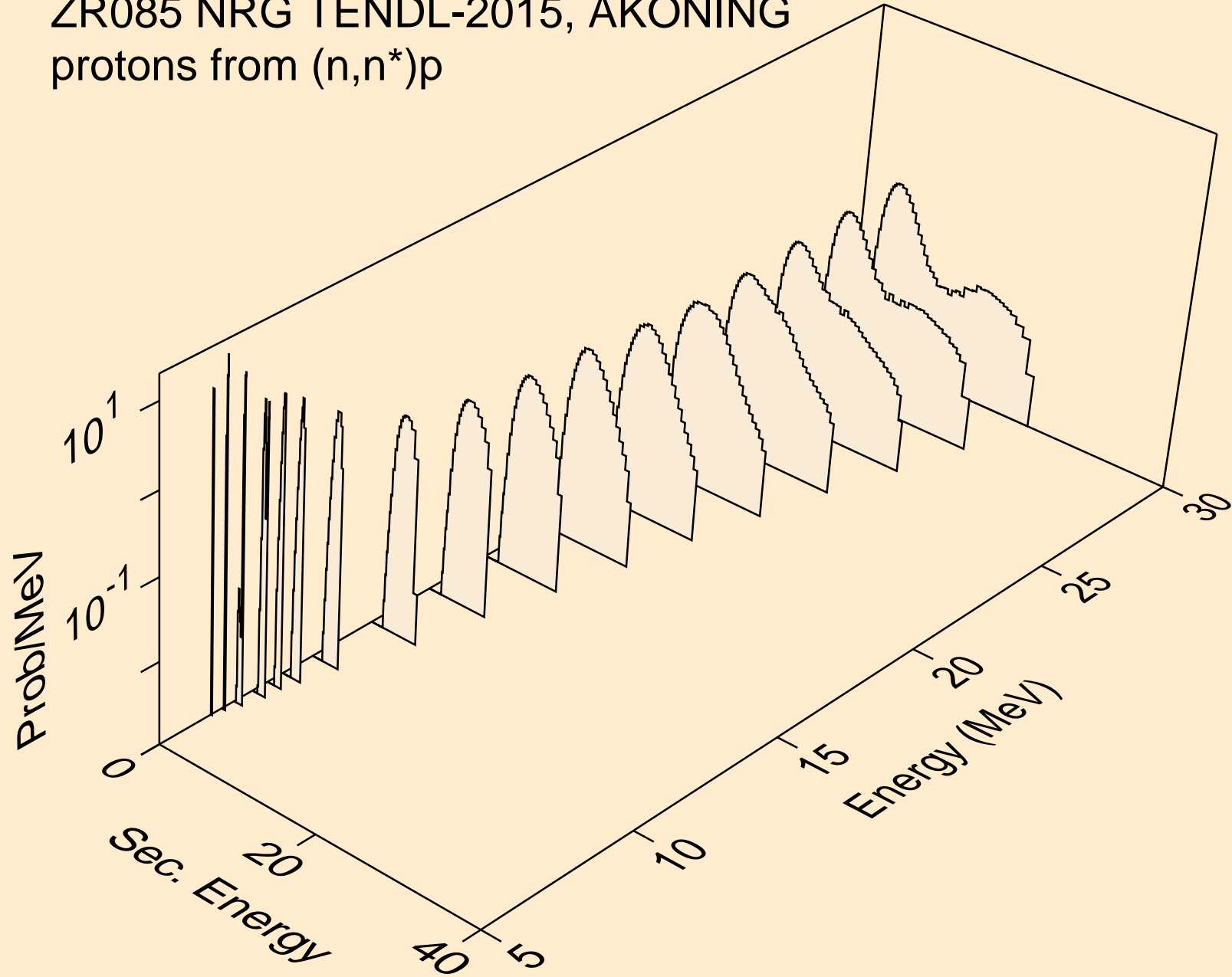
## Particle production cross sections



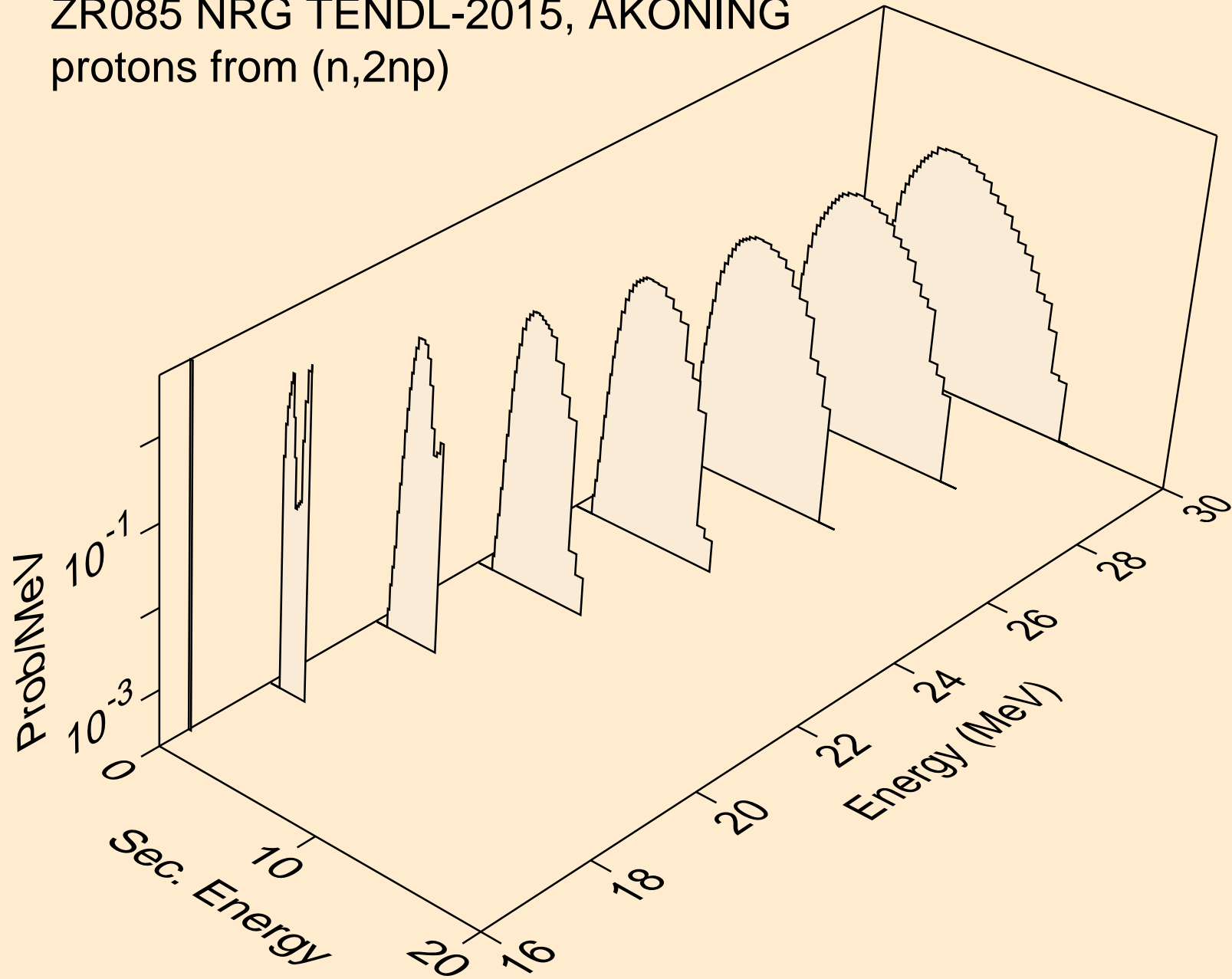
ZR085 NRG TENDL-2015, AKONING  
protons from (n,x)



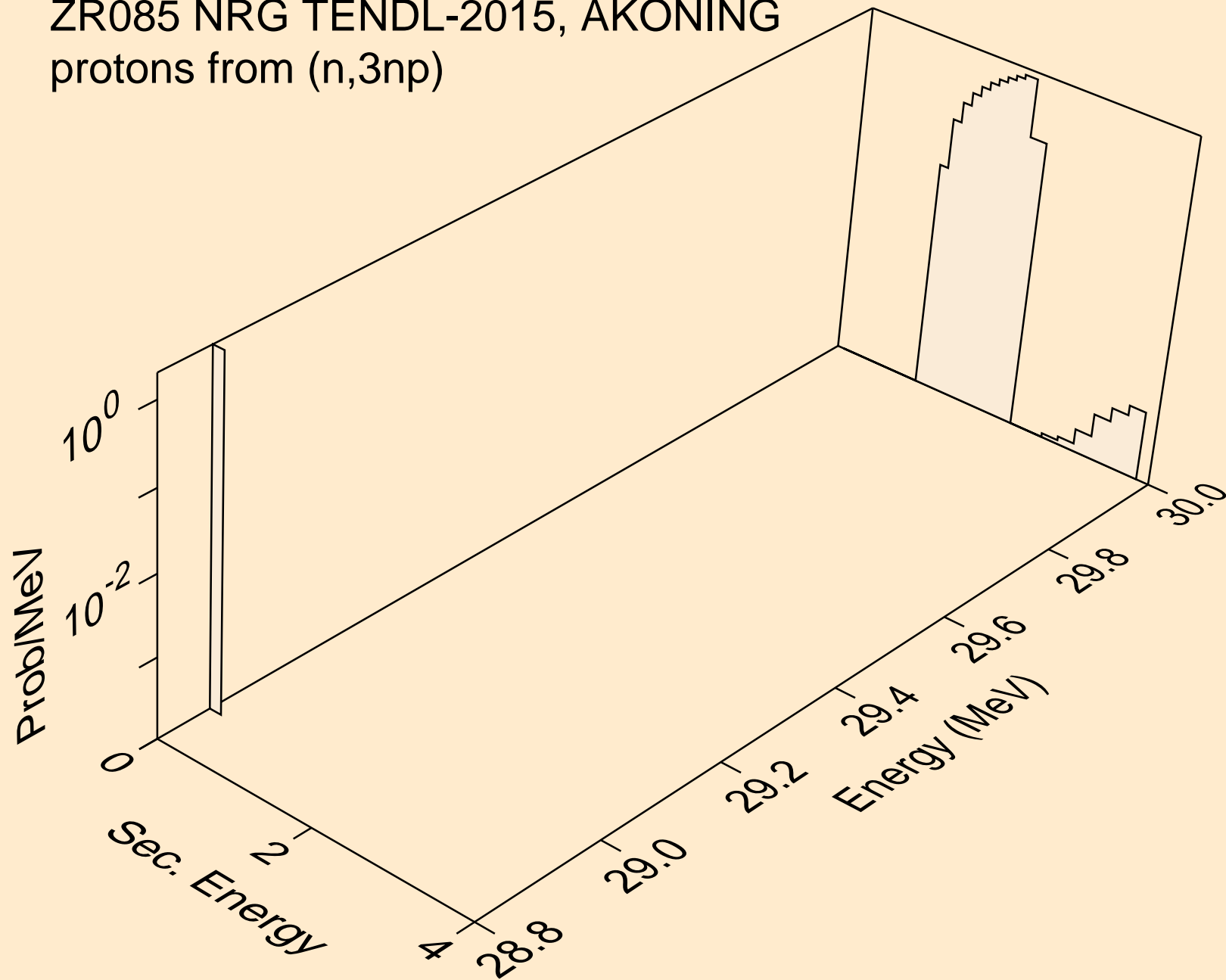
ZR085 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



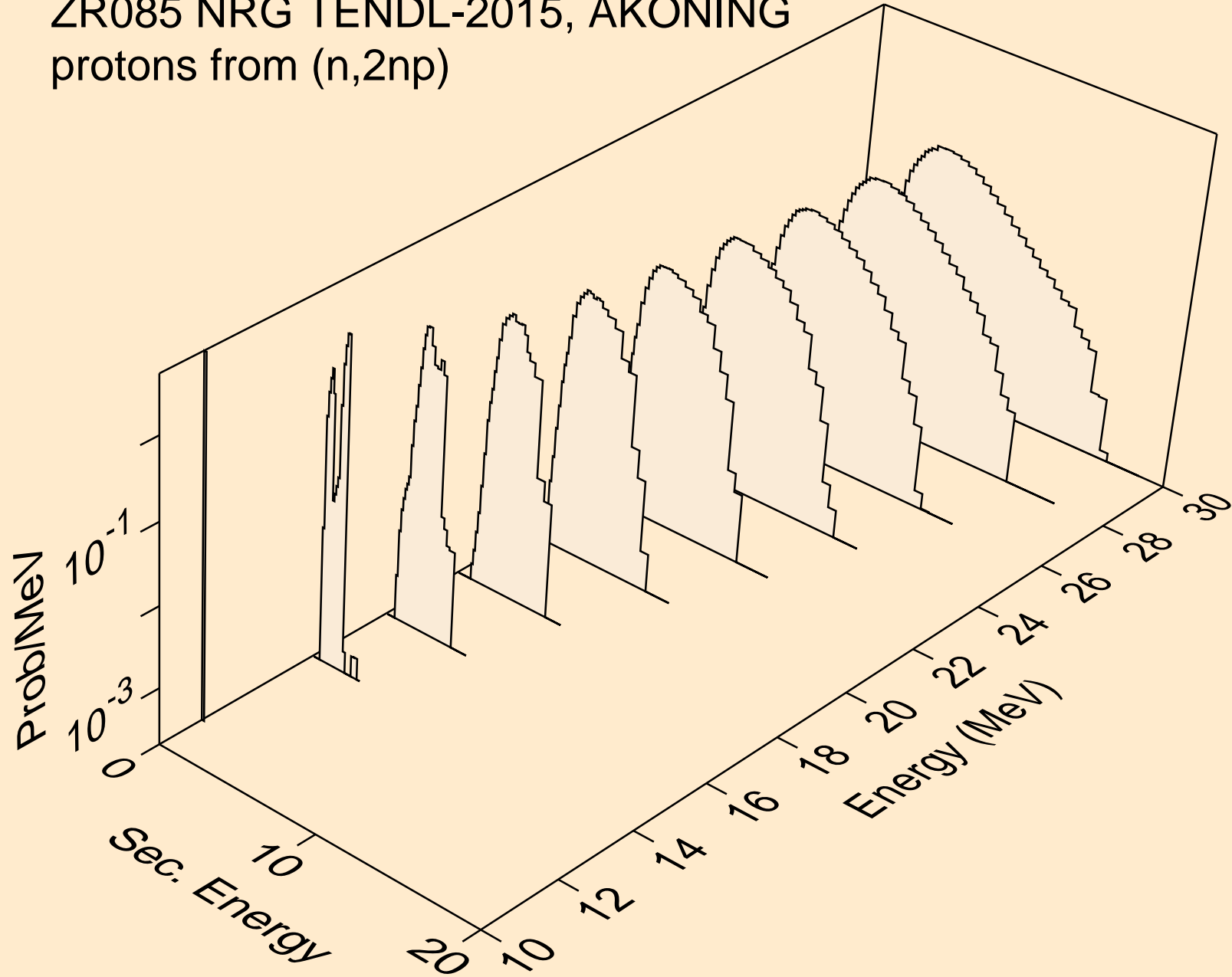
ZR085 NRG TENDL-2015, AKONING  
protons from (n,2np)



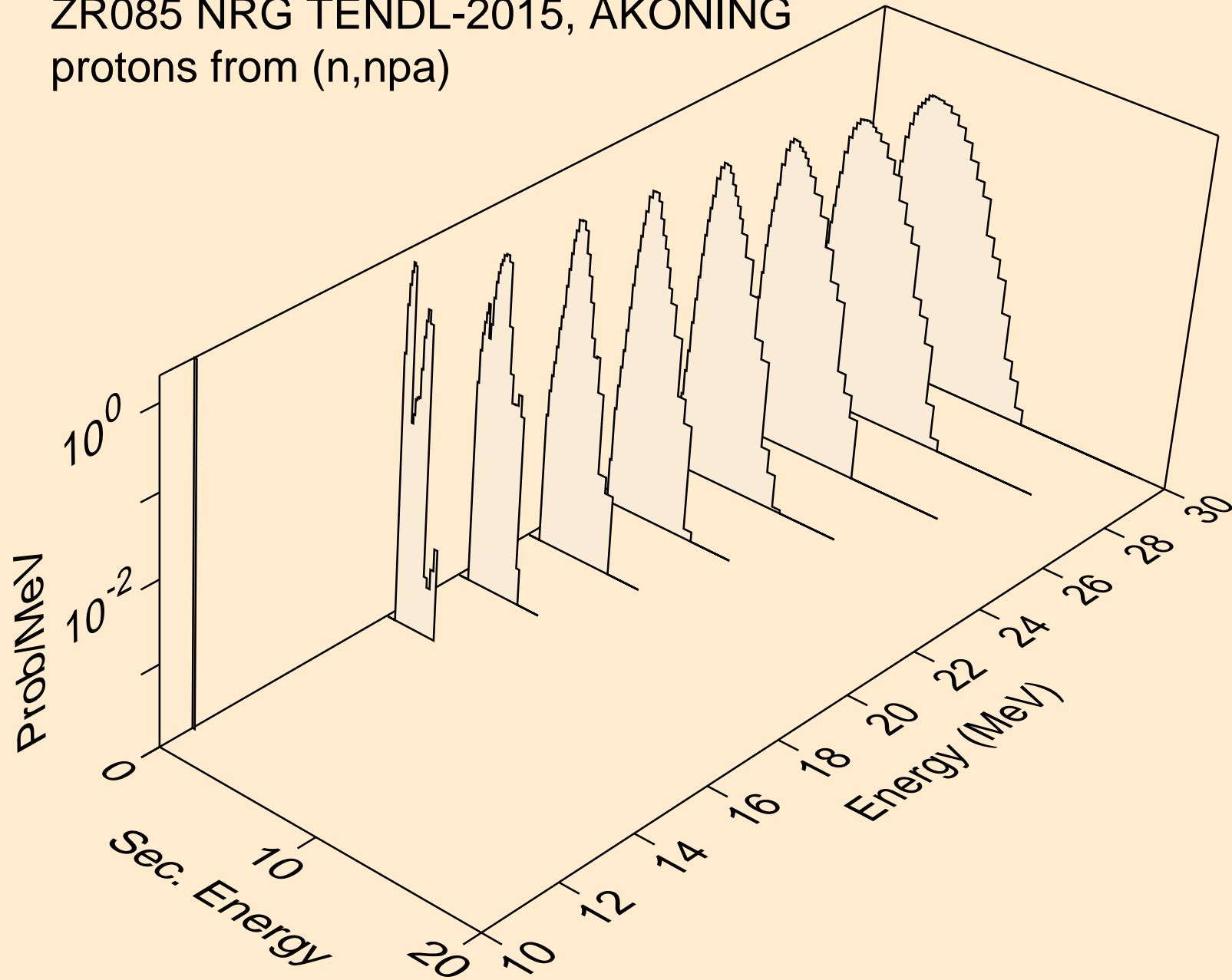
ZR085 NRG TENDL-2015, AKONING  
protons from (n,3np)



ZR085 NRG TENDL-2015, AKONING  
protons from (n,2np)

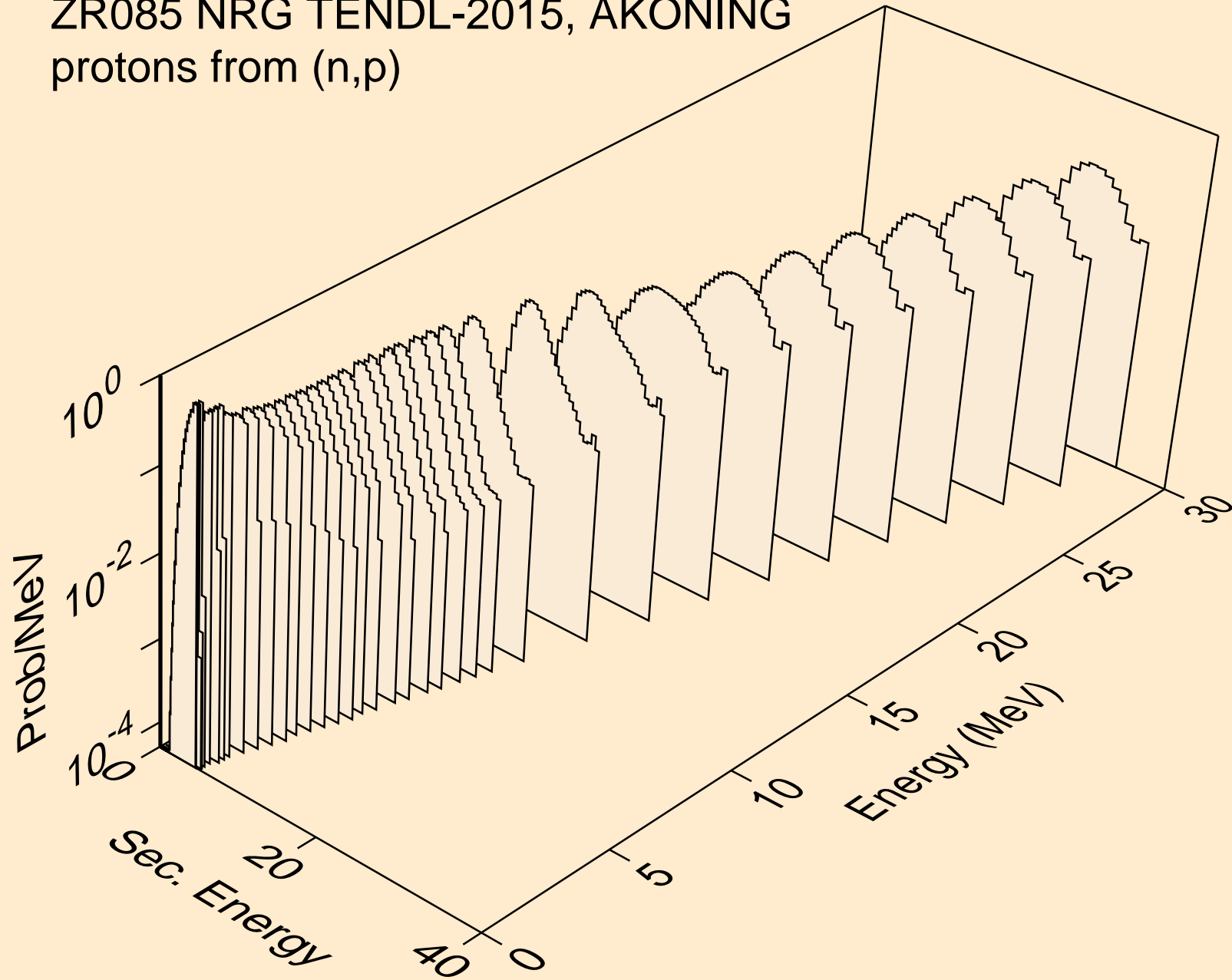


ZR085 NRG TENDL-2015, AKONING  
protons from (n,npa)

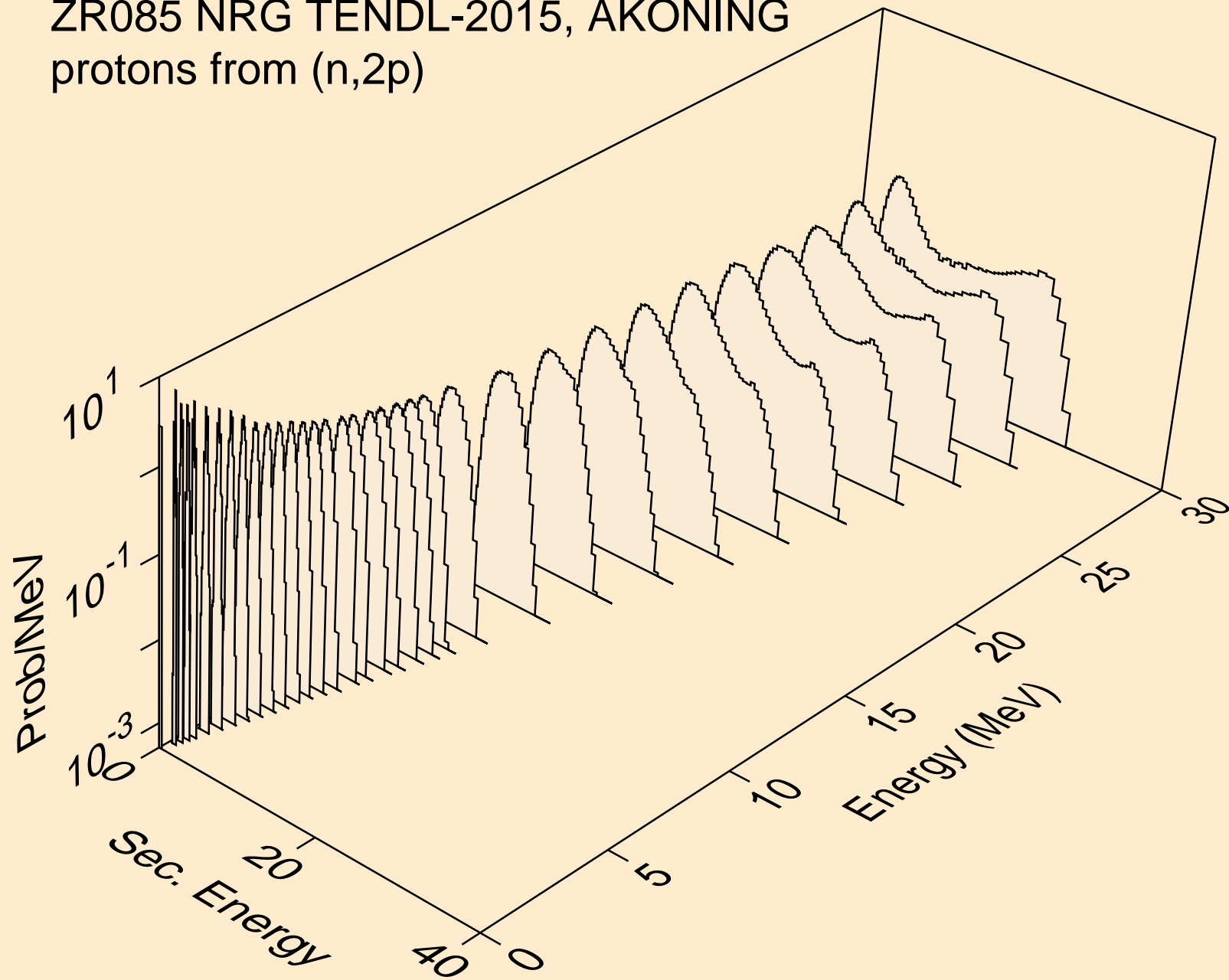




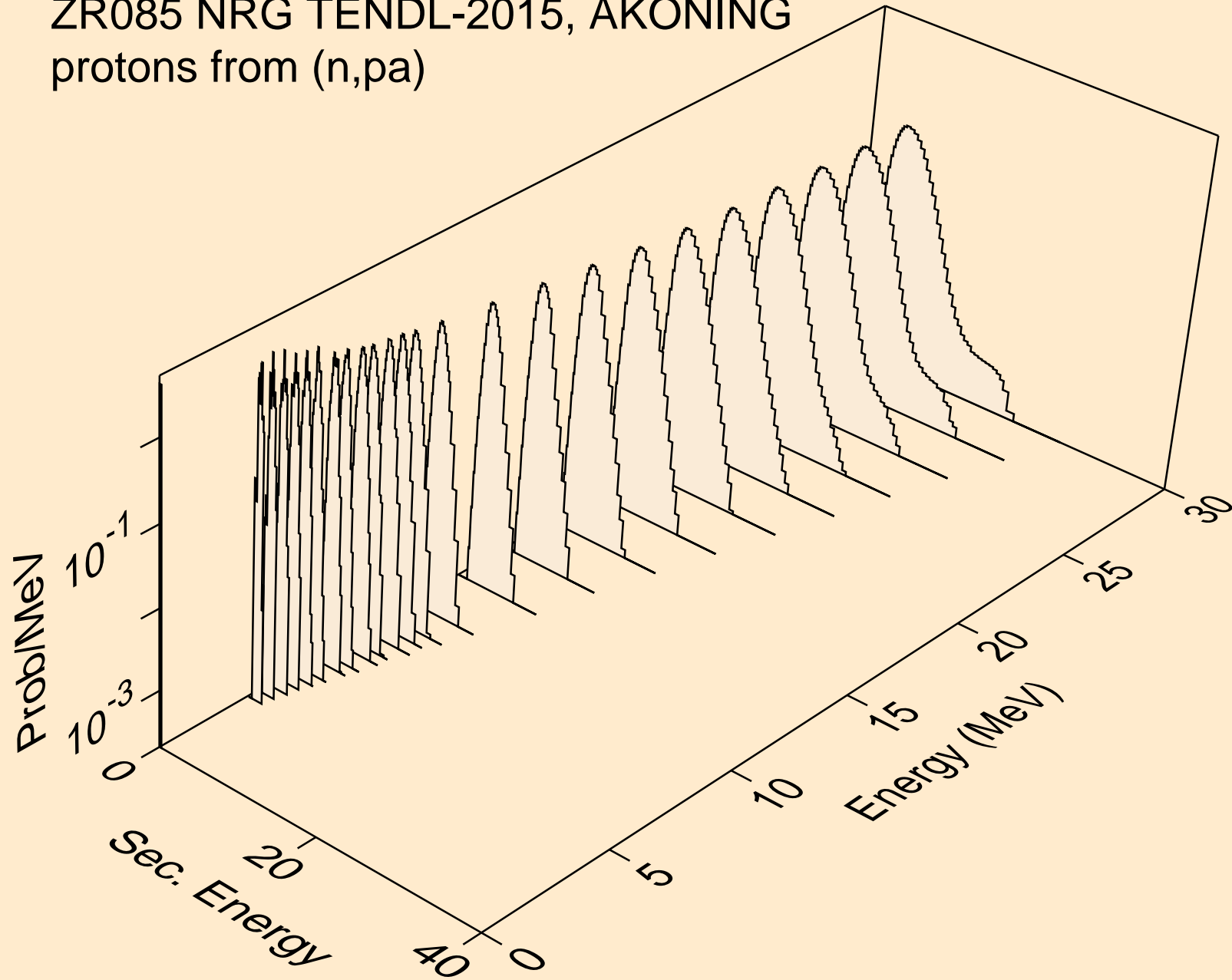
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protons from (n,p)



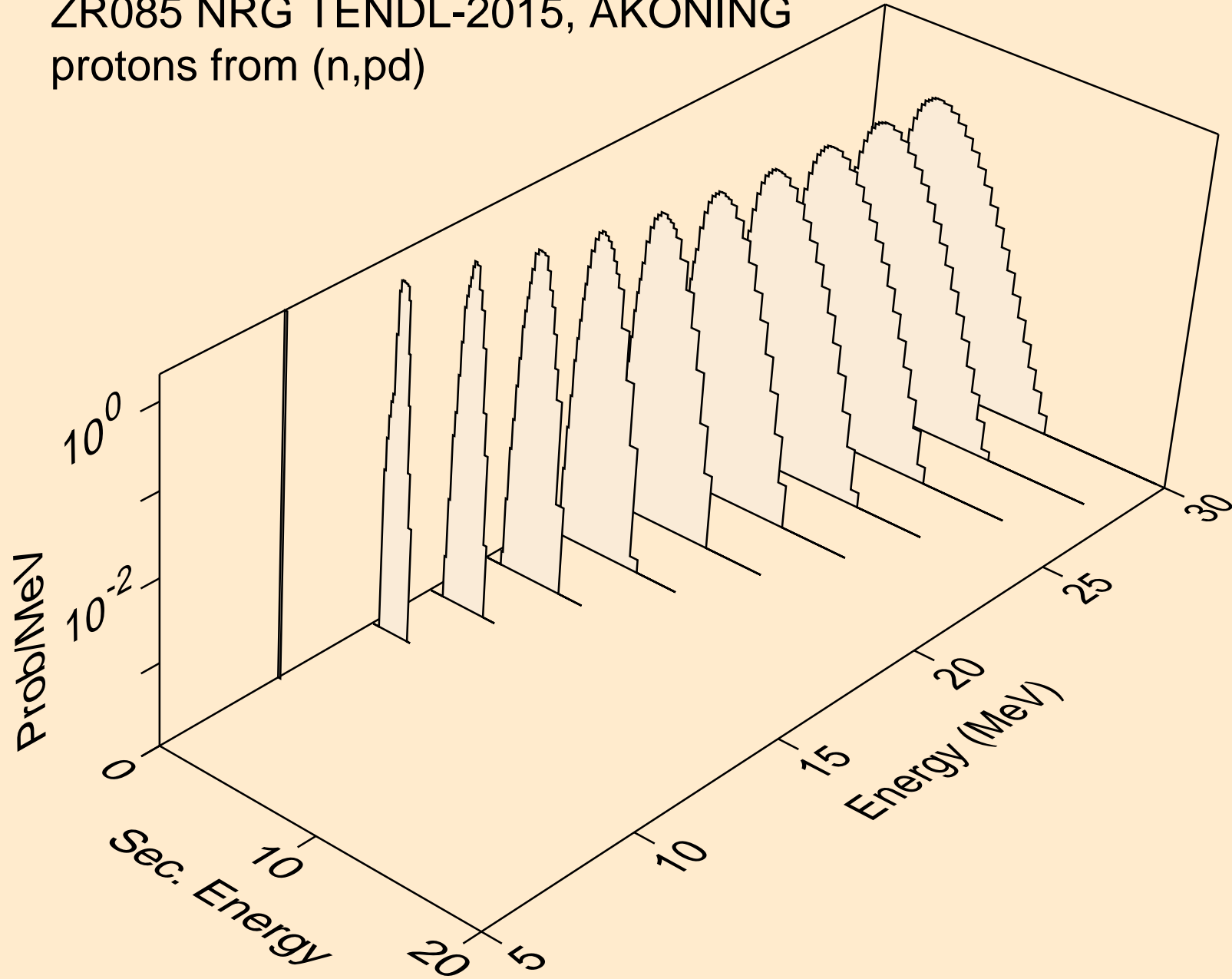
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protons from (n,2p)



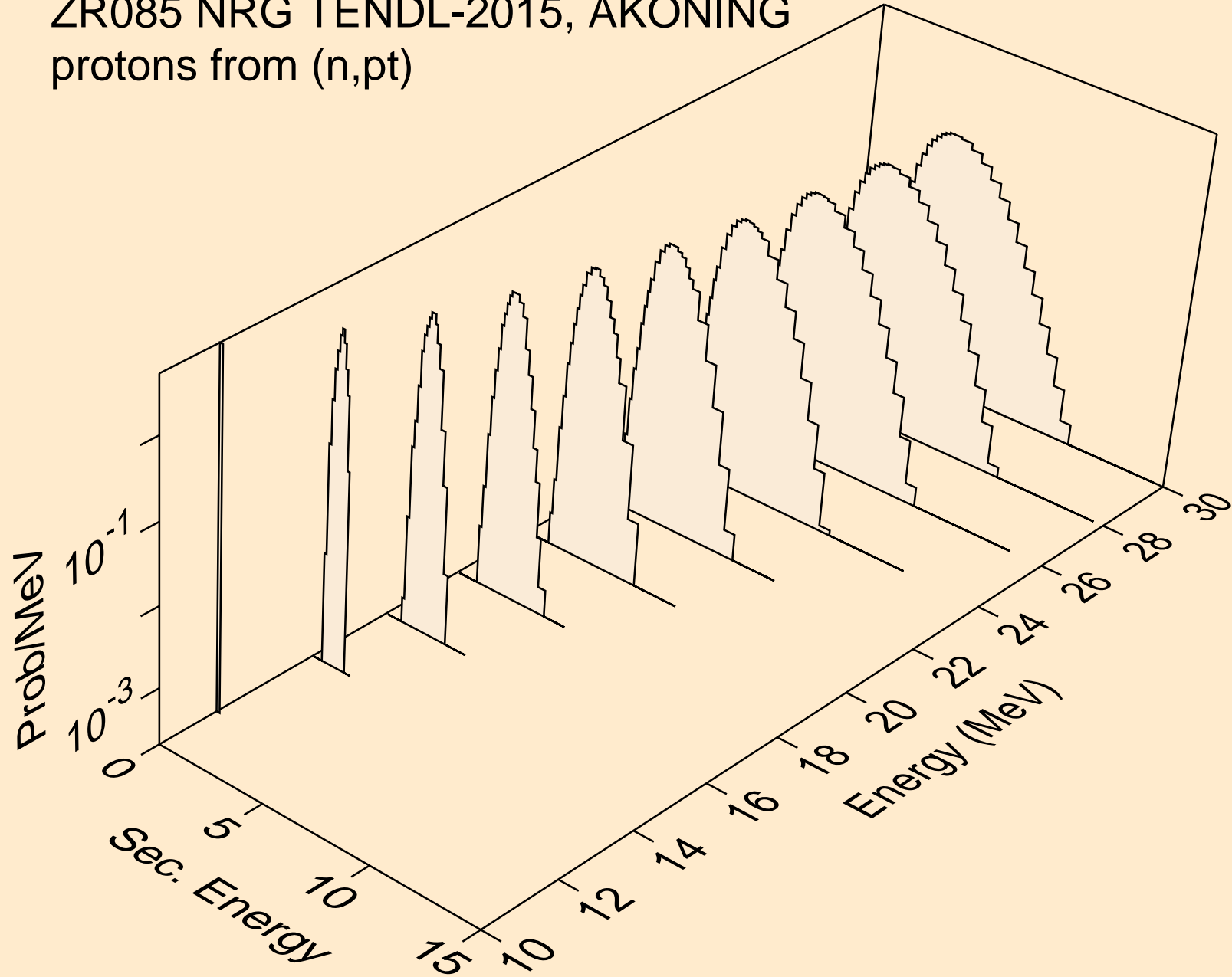
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protons from (n,pa)



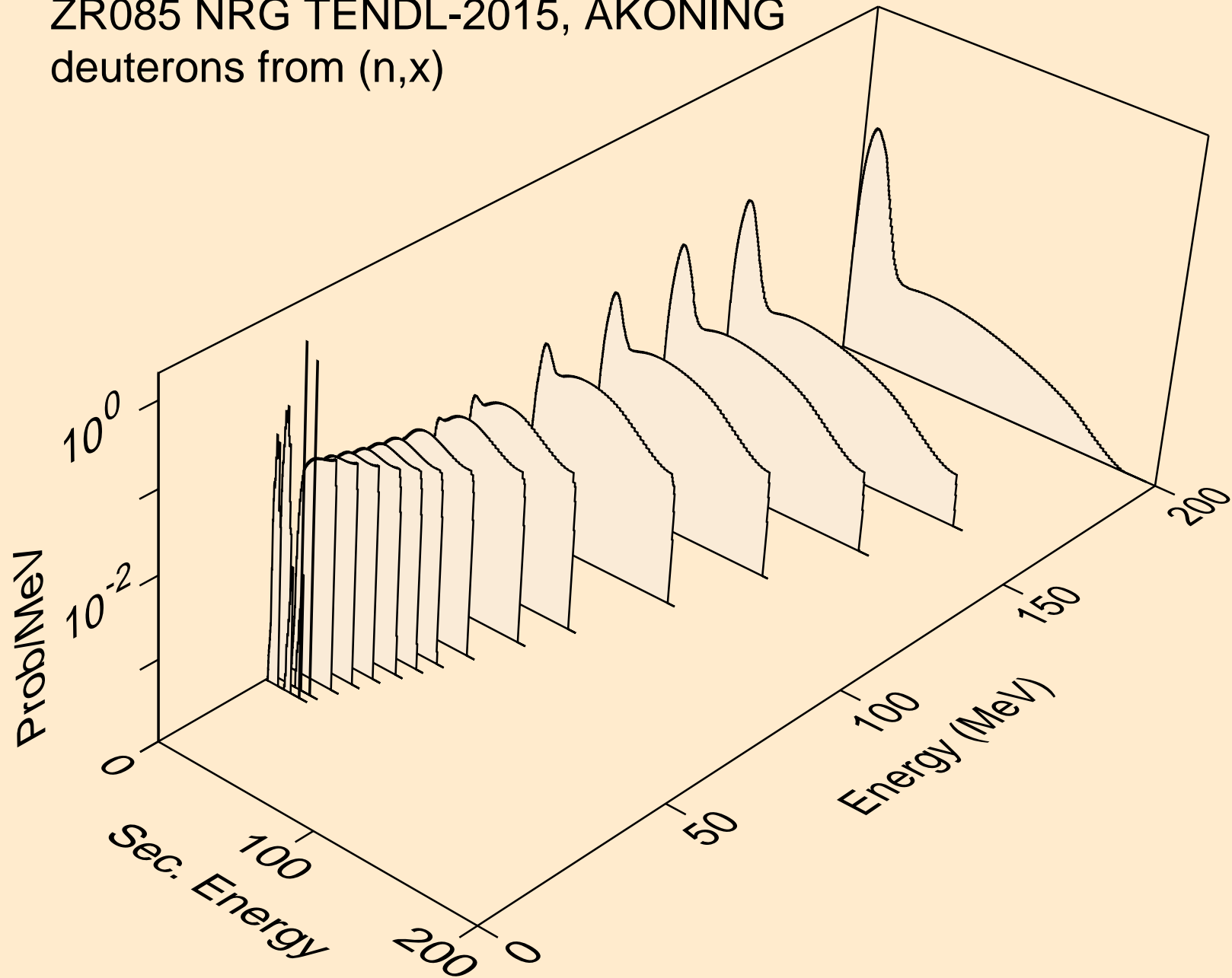
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protons from (n,pd)



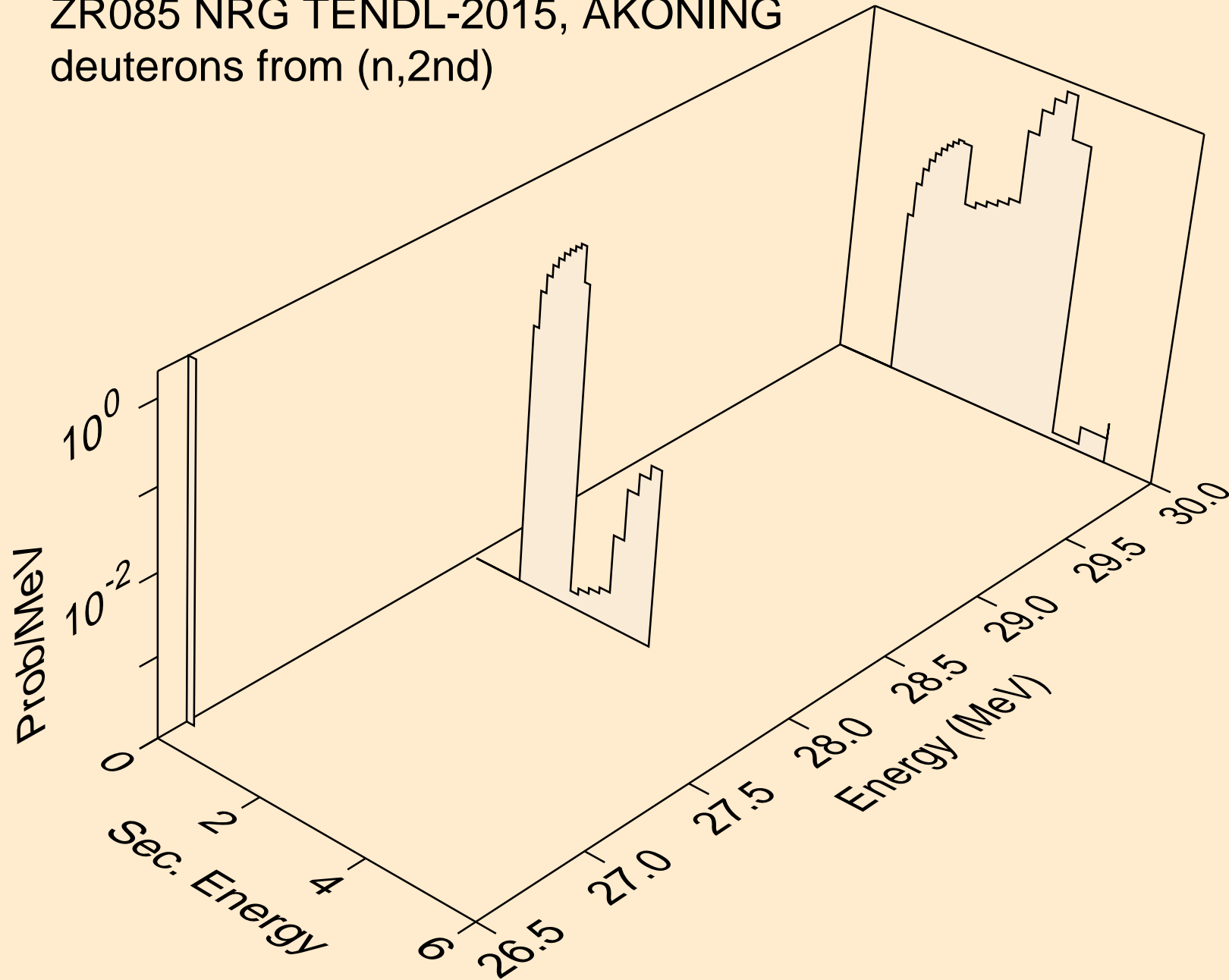
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protons from (n,pt)



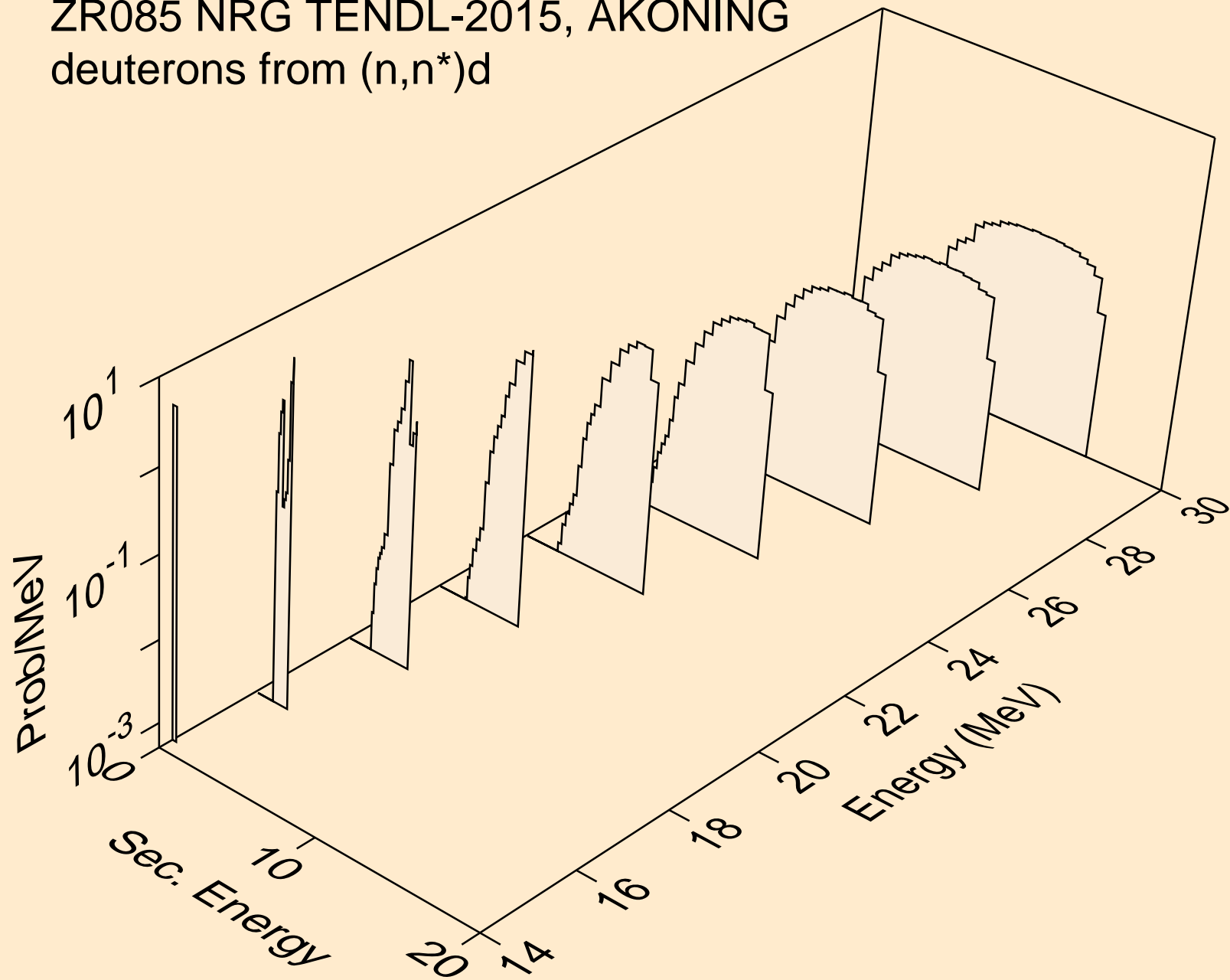
ZR085 NRG TENDL-2015, AKONING  
deuterons from (n,x)



ZR085 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

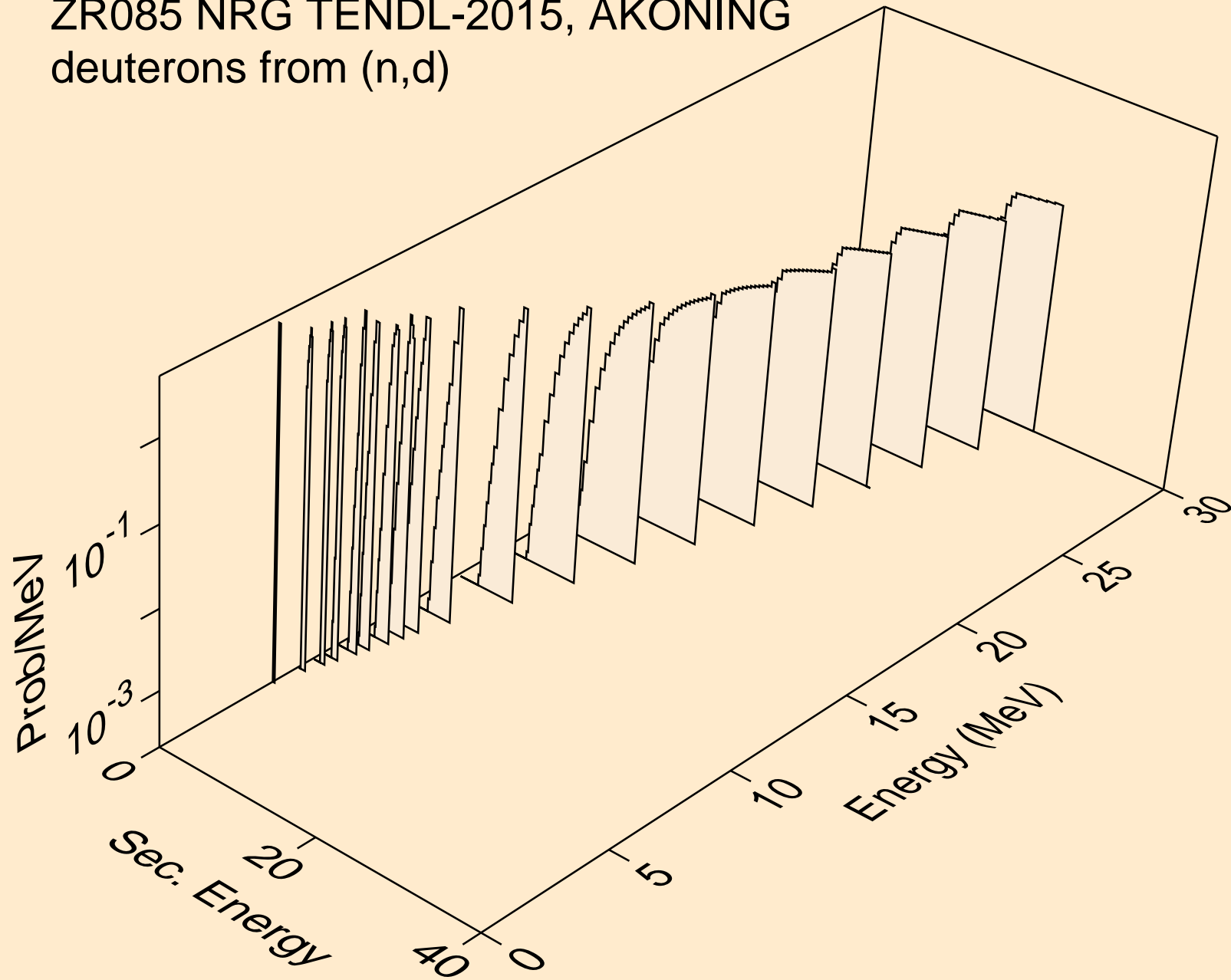


ZR085 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

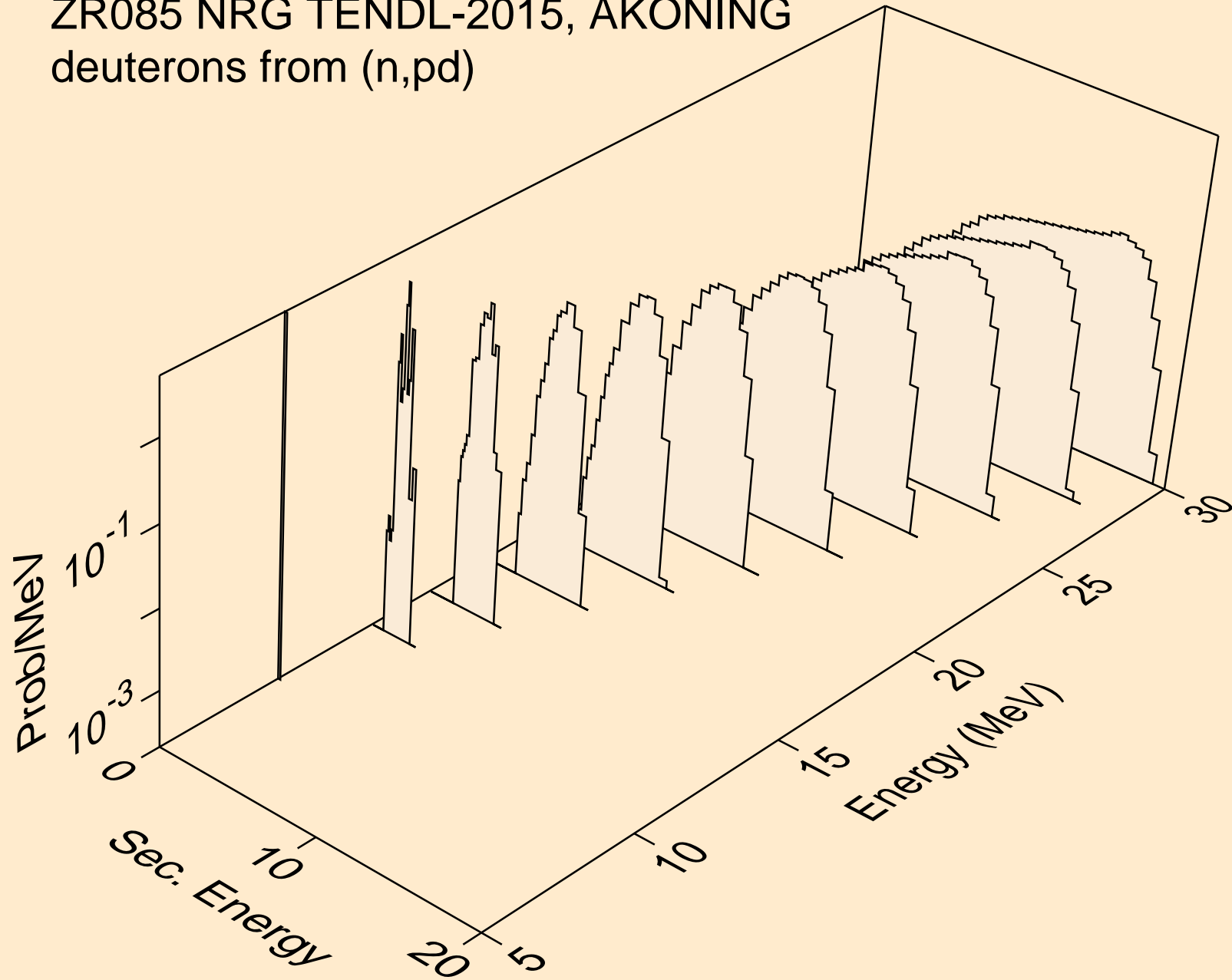




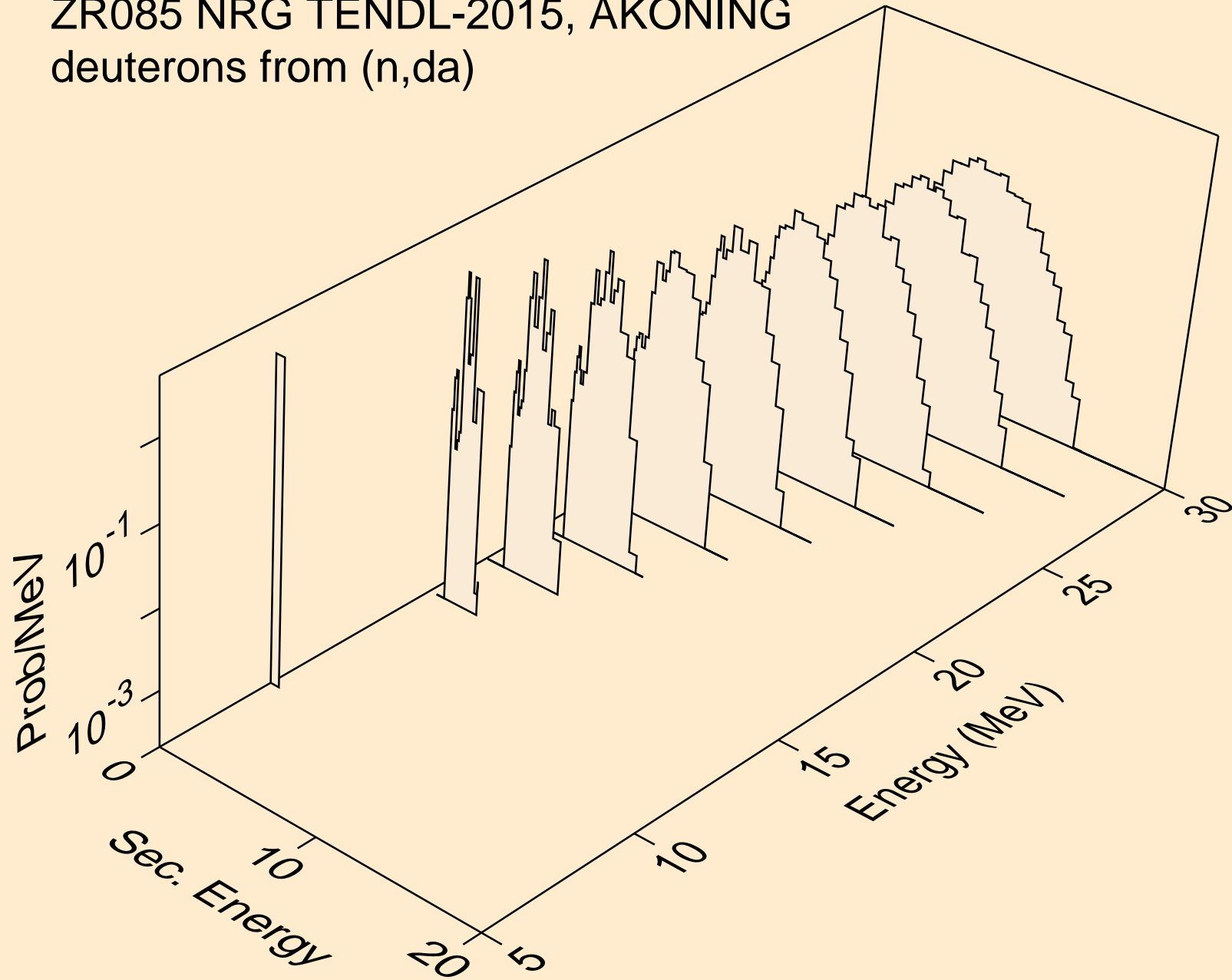
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deuterons from (n,d)



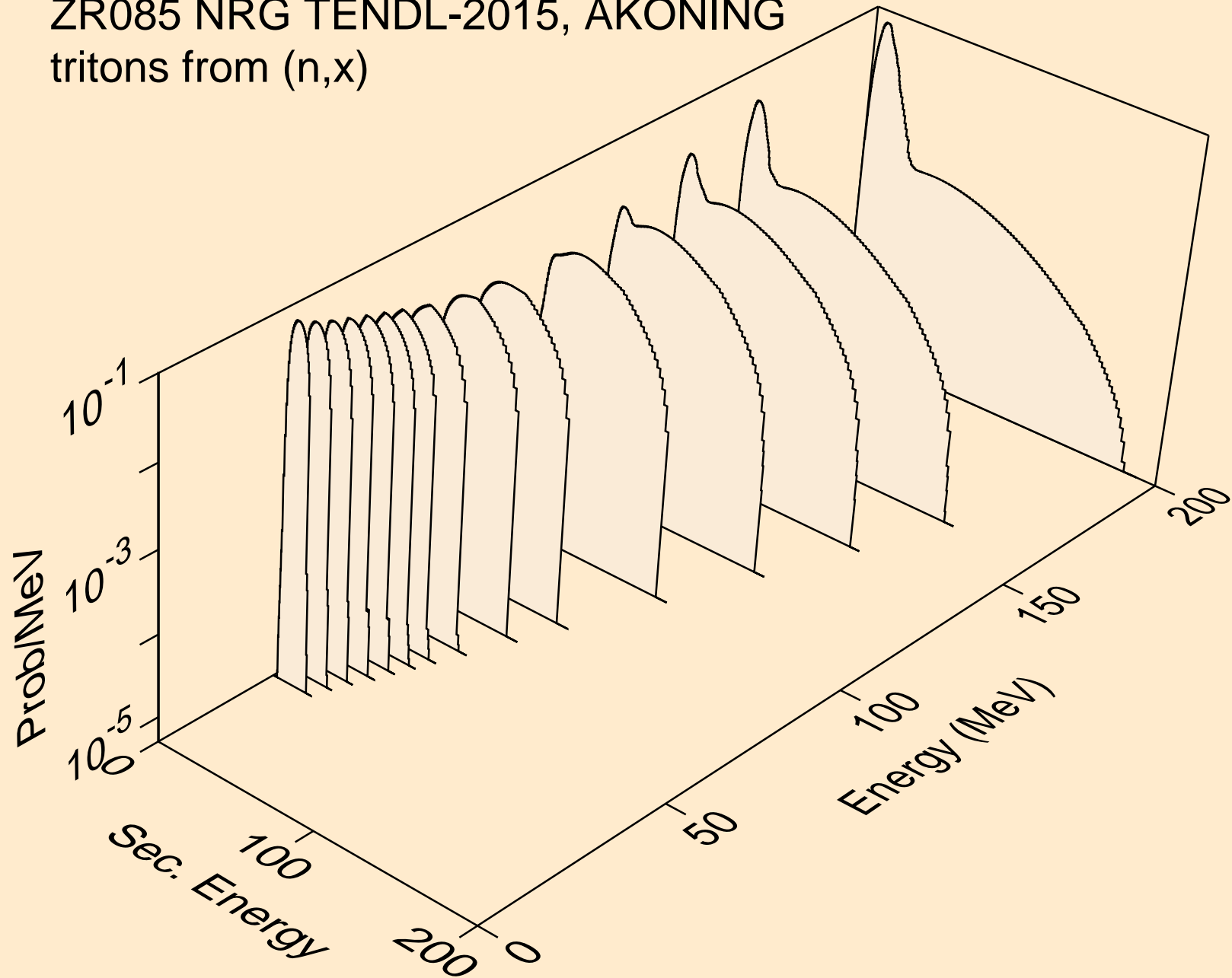
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deuterons from (n,pd)



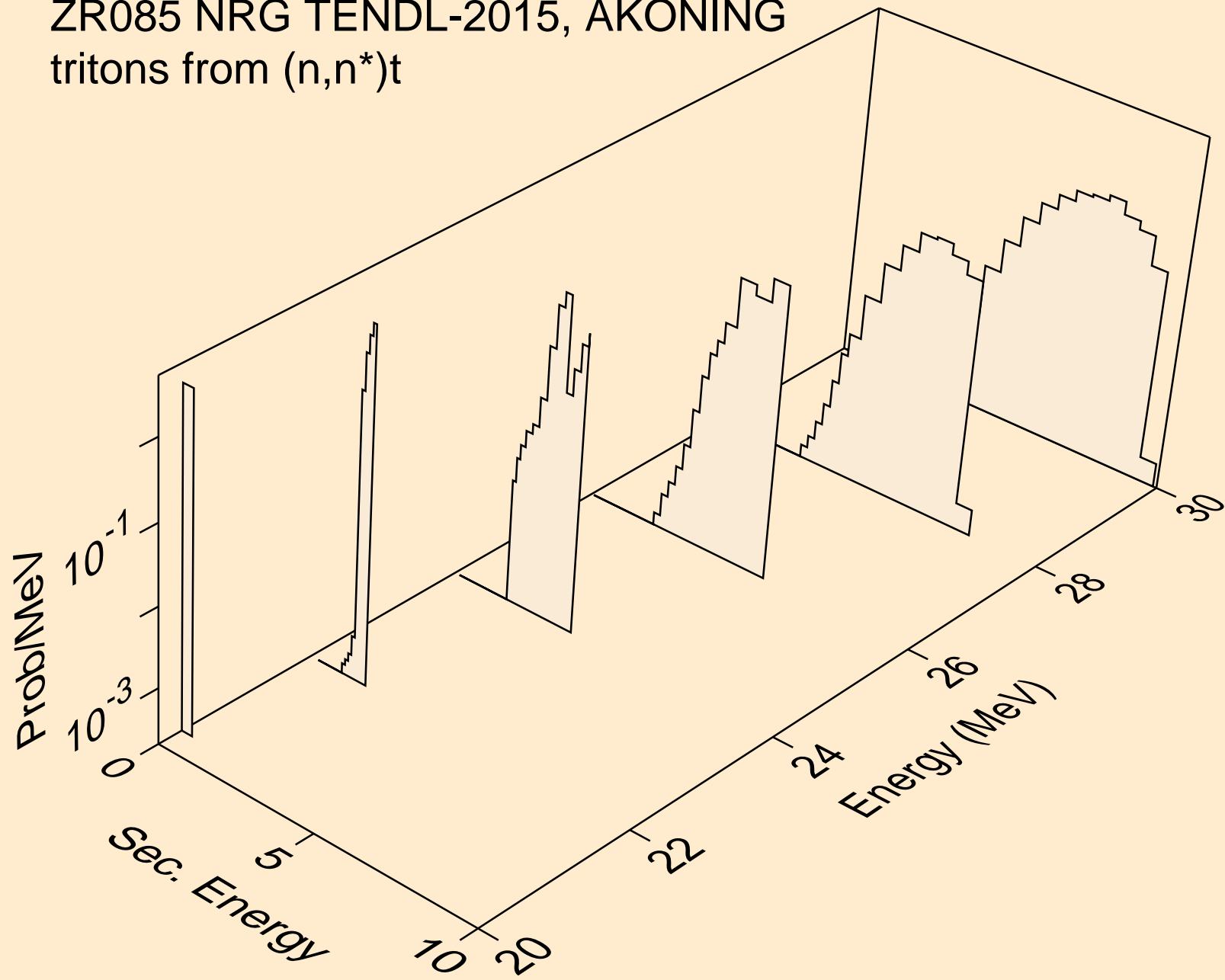
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deuterons from (n,da)



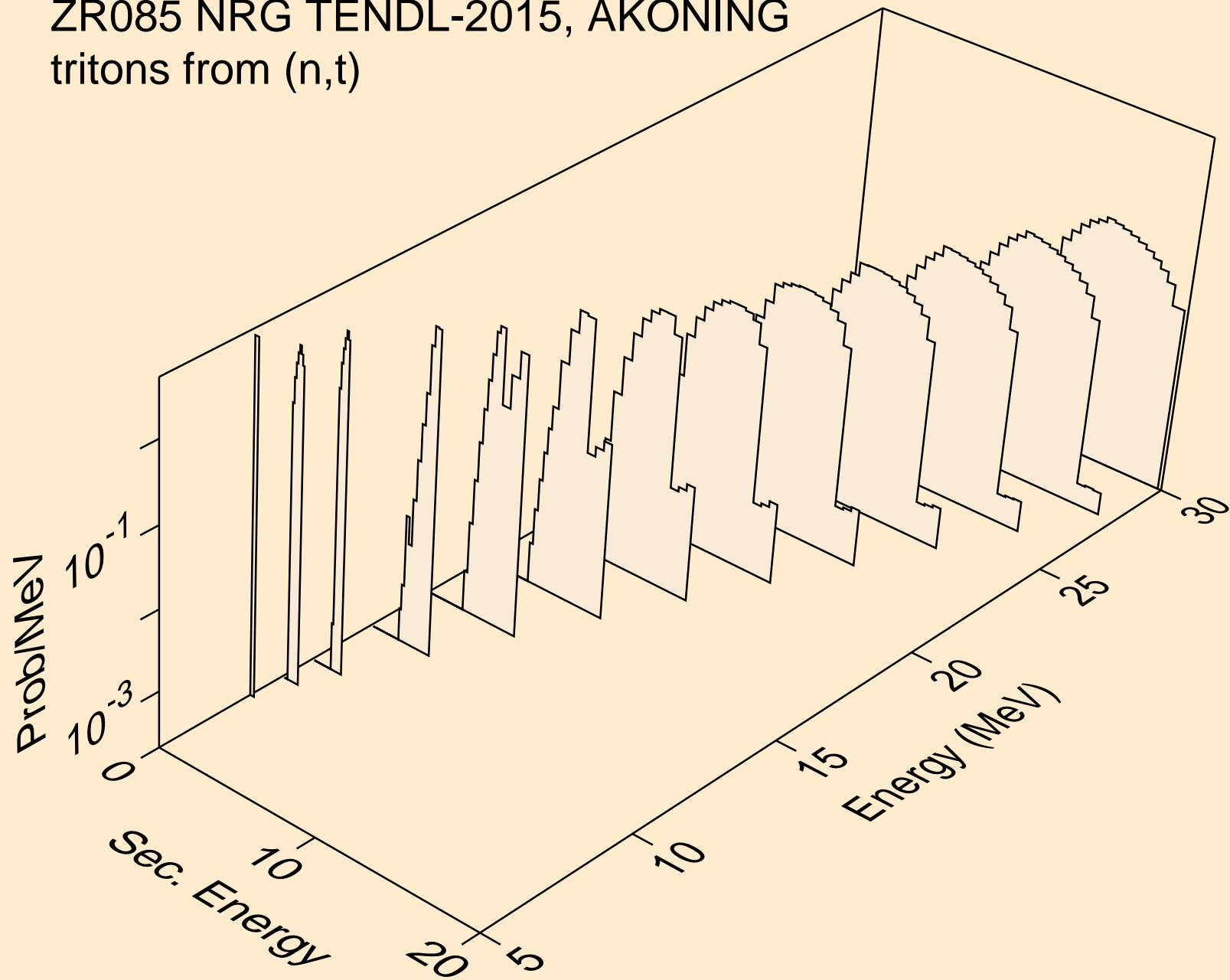
ZR085 NRG TENDL-2015, AKONING  
tritons from (n,x)



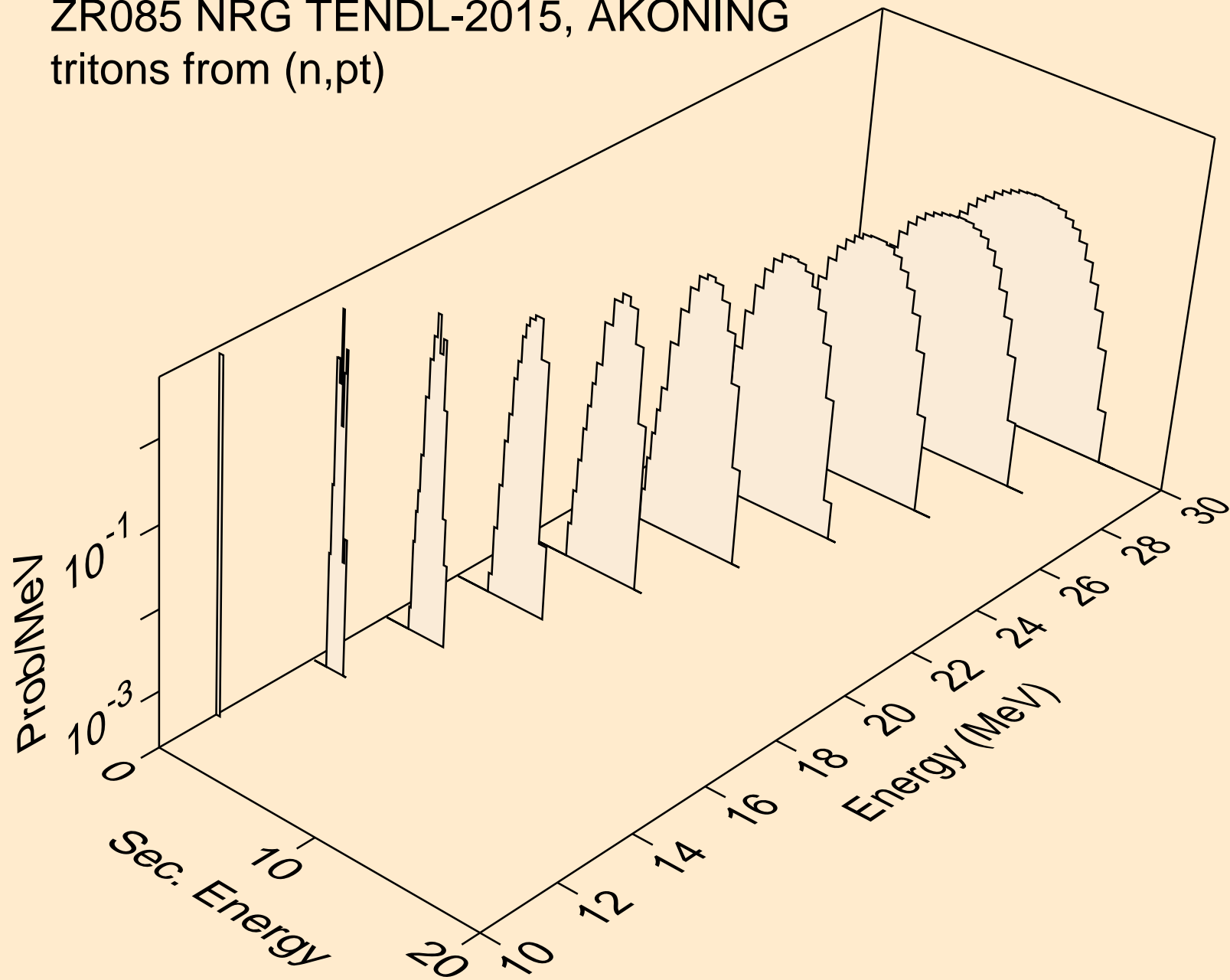
ZR085 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



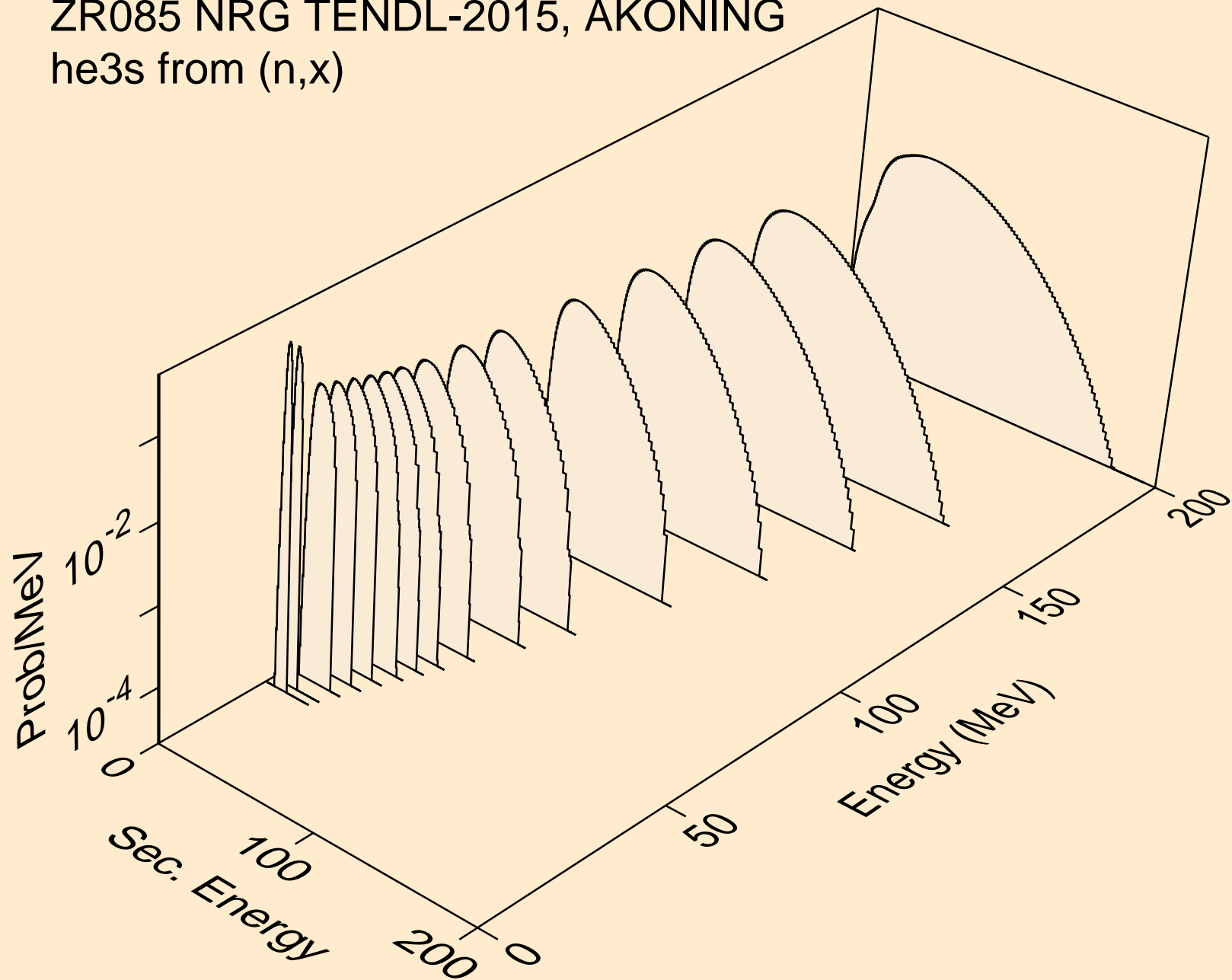
ZR085 NRG TENDL-2015, AKONING  
tritons from (n,t)



ZR085 NRG TENDL-2015, AKONING  
tritons from (n,pt)

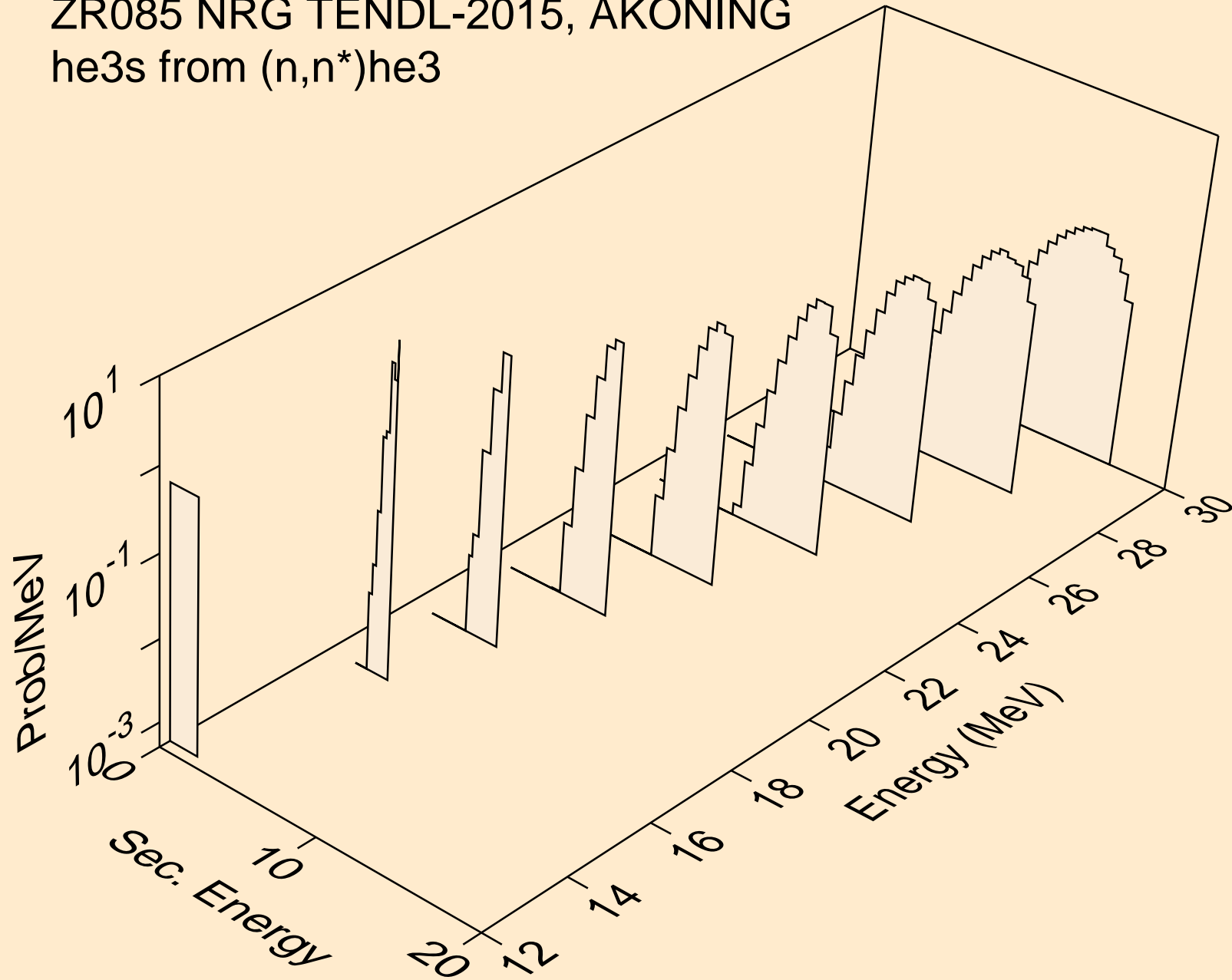


ZR085 NRG TENDL-2015, AKONING  
he3s from (n,x)

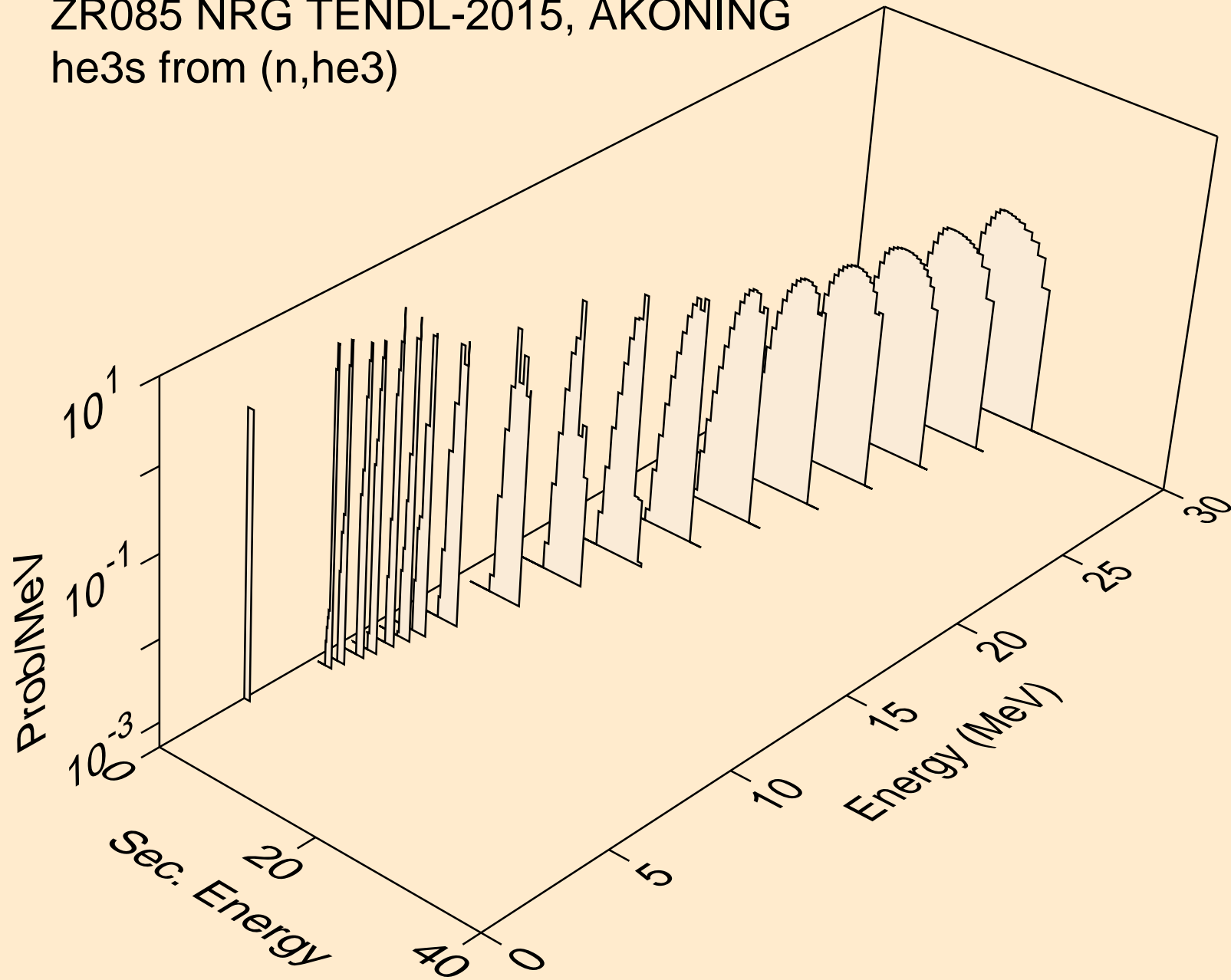




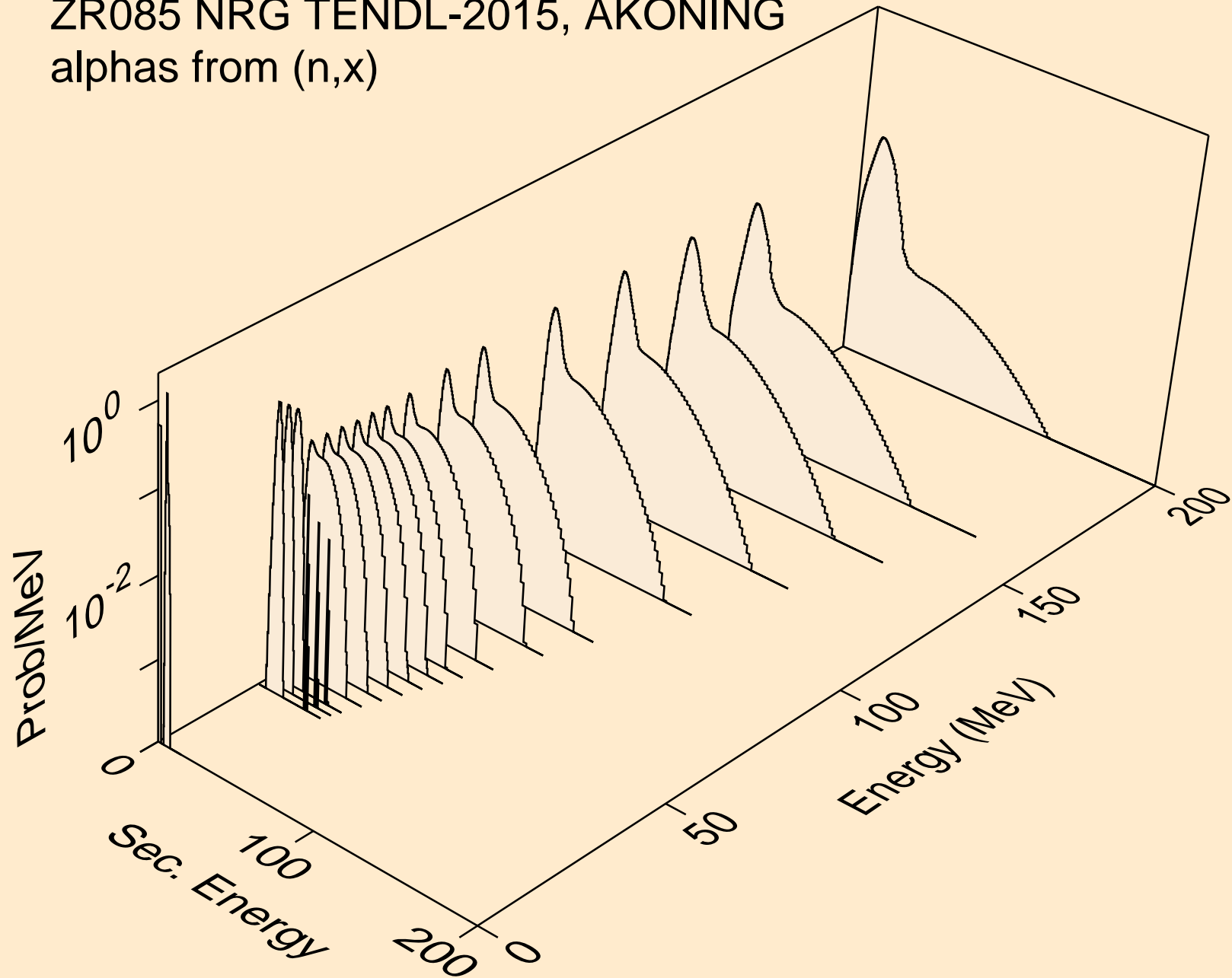
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he3s from (n,n\*)he3



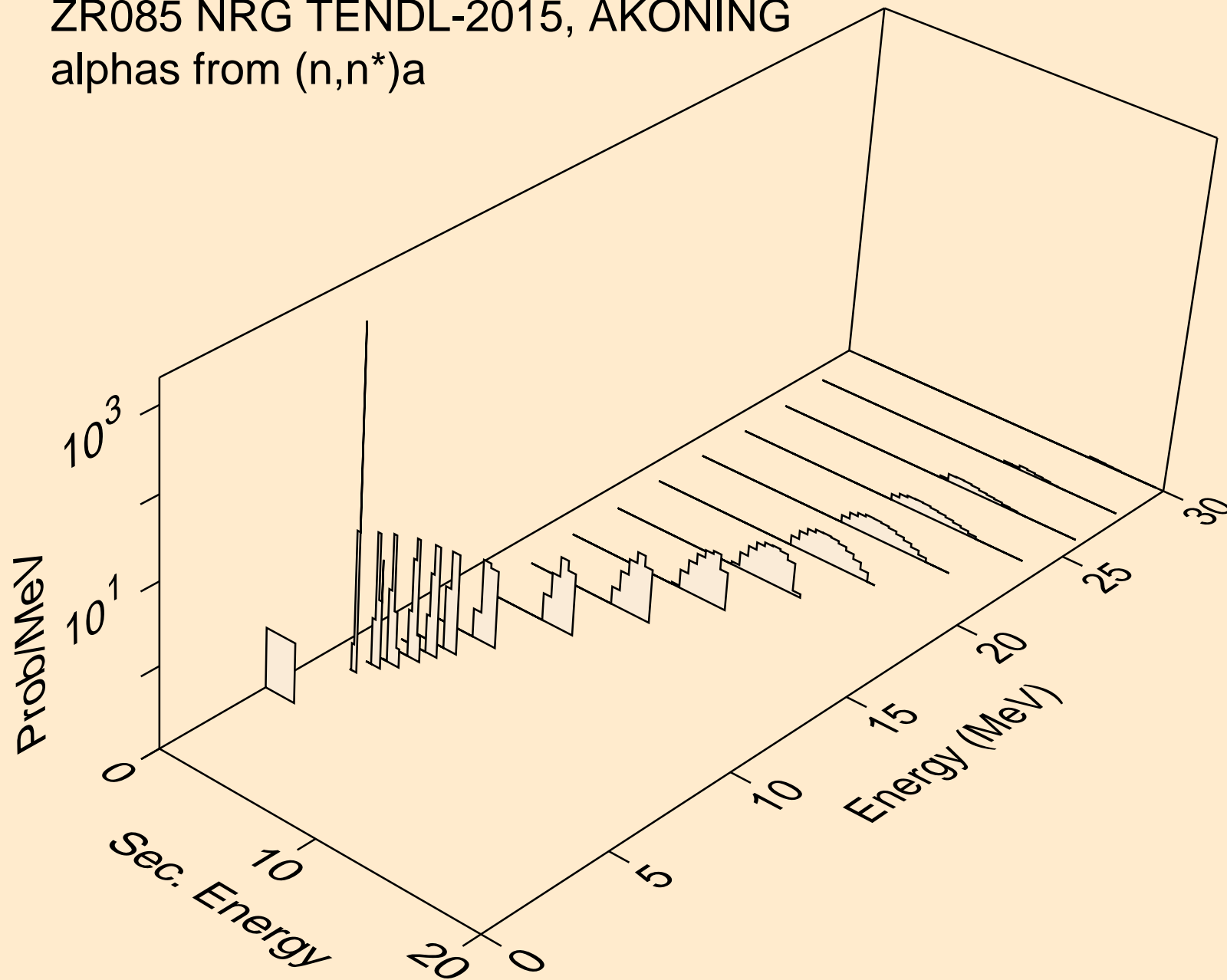
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he3s from (n,he3)



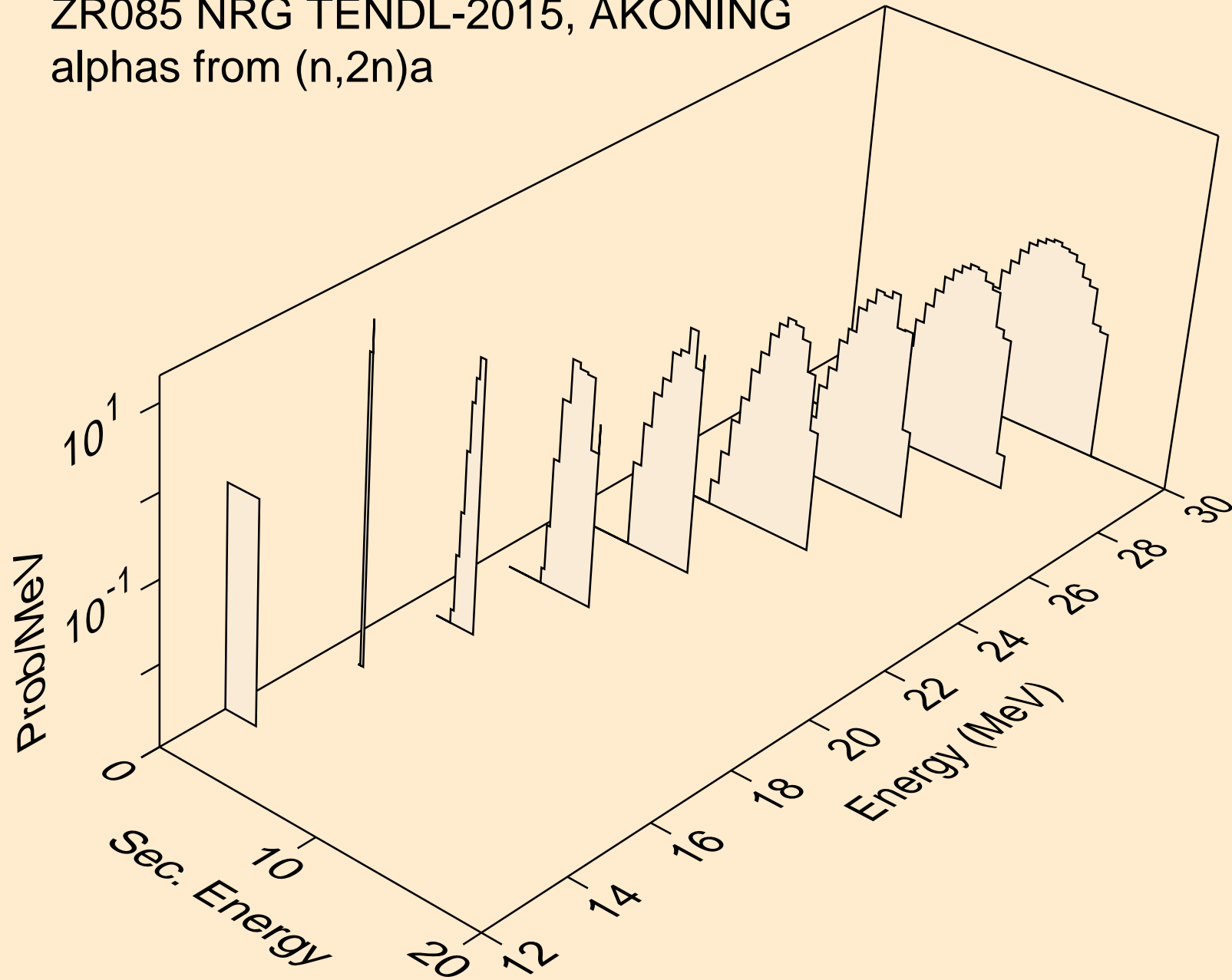
ZR085 NRG TENDL-2015, AKONING  
alphas from (n,x)



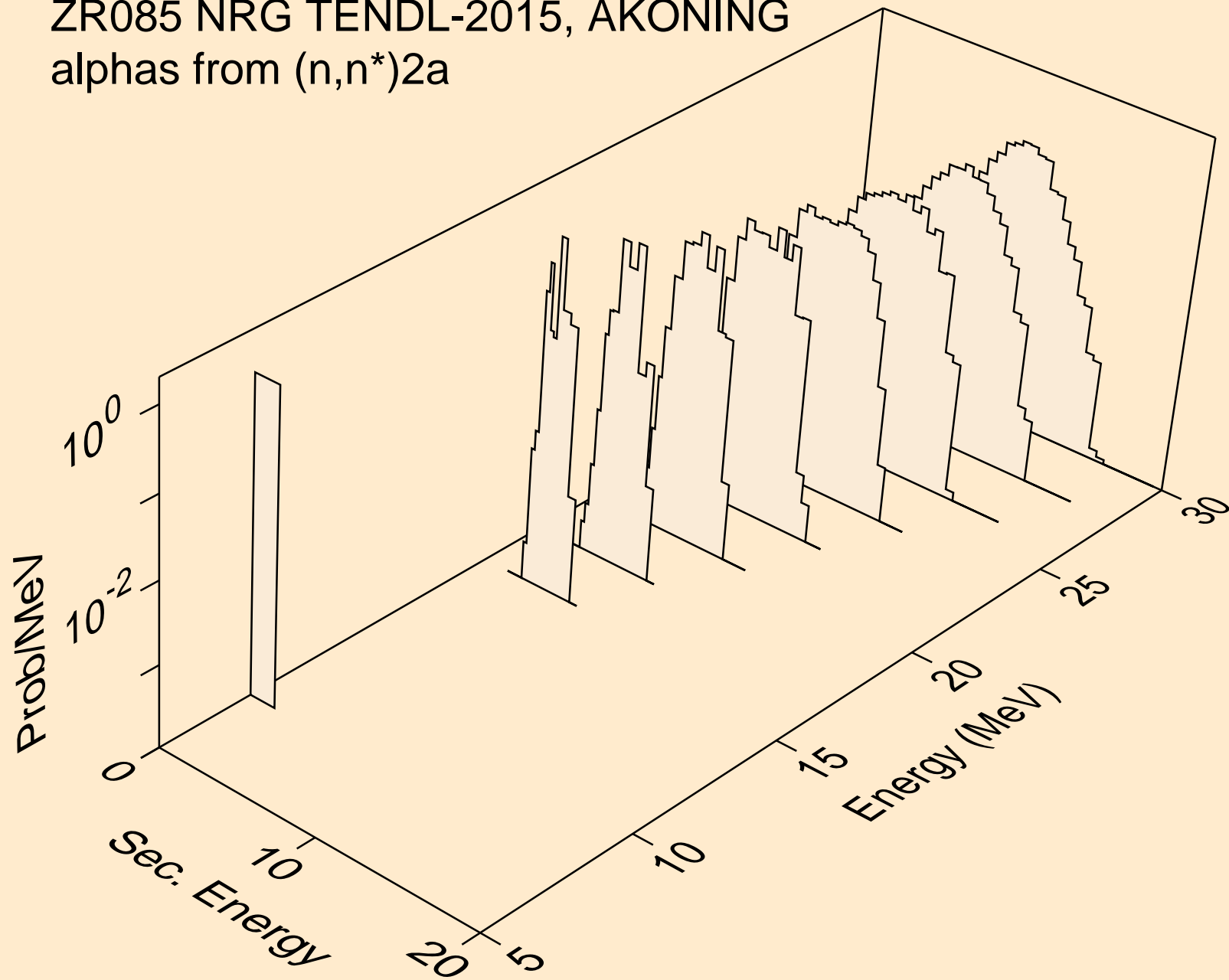
ZR085 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



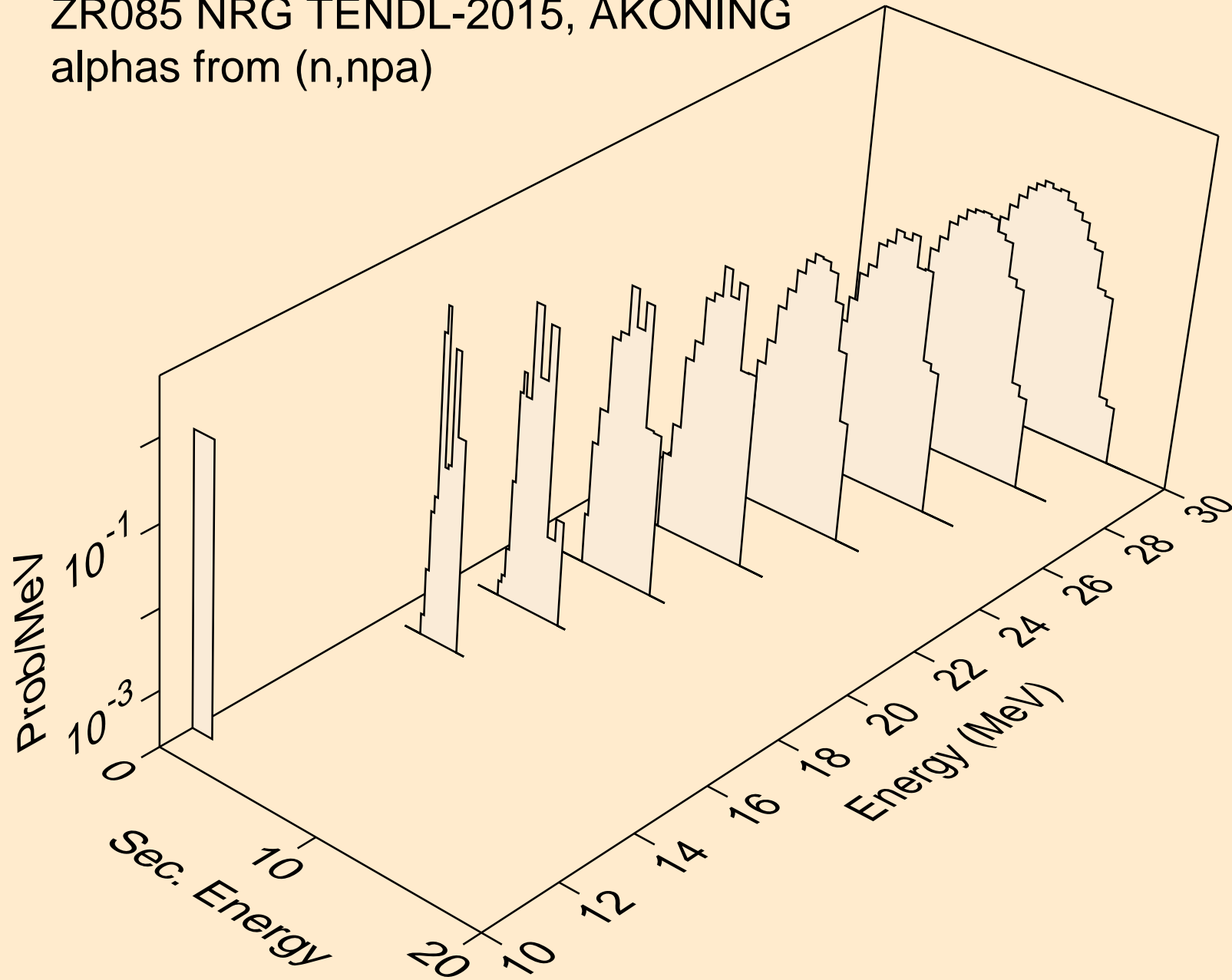
ZR085 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



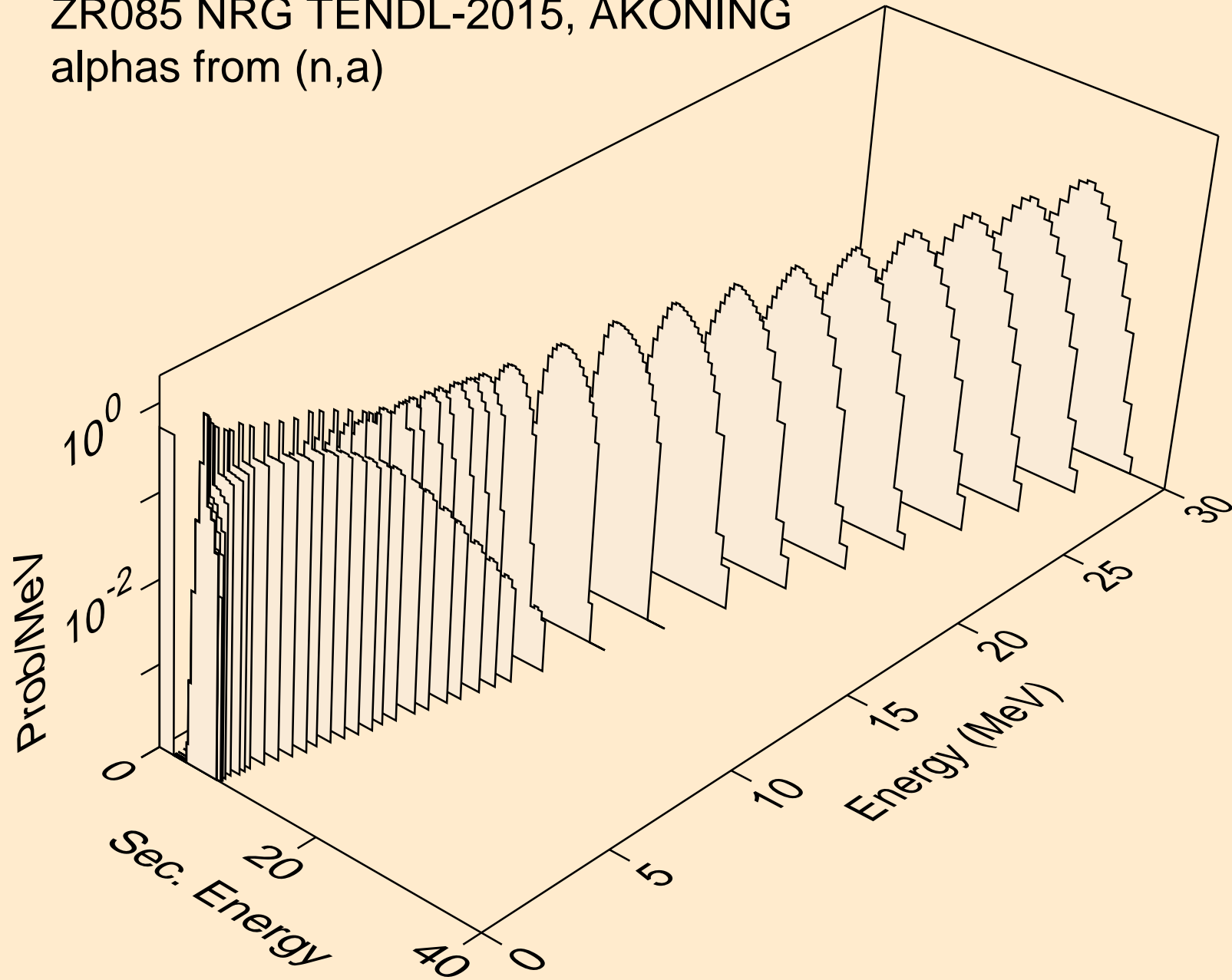
ZR085 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



ZR085 NRG TENDL-2015, AKONING  
alphas from (n,npa)

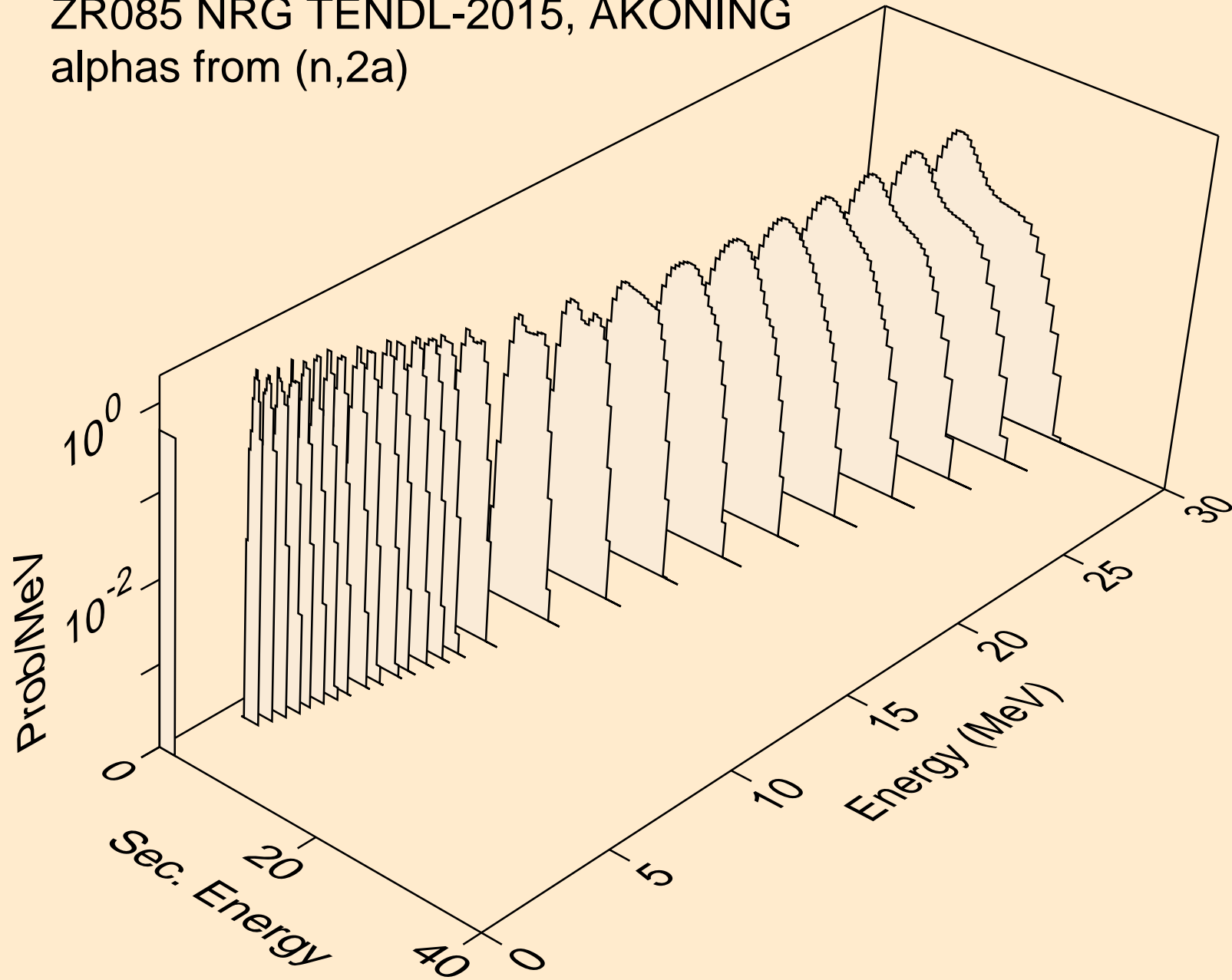


ZR085 NRG TENDL-2015, AKONING  
alphas from (n,a)

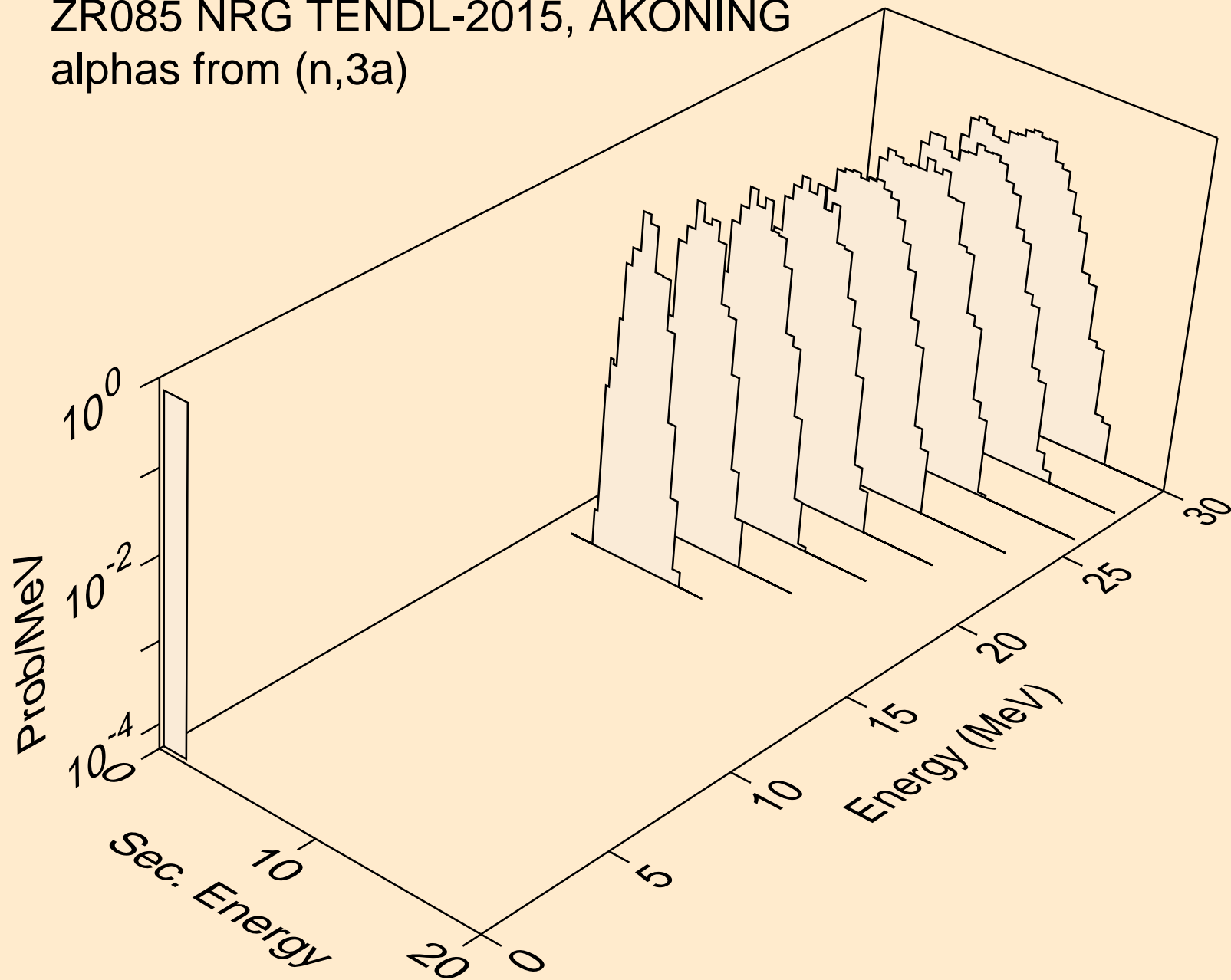




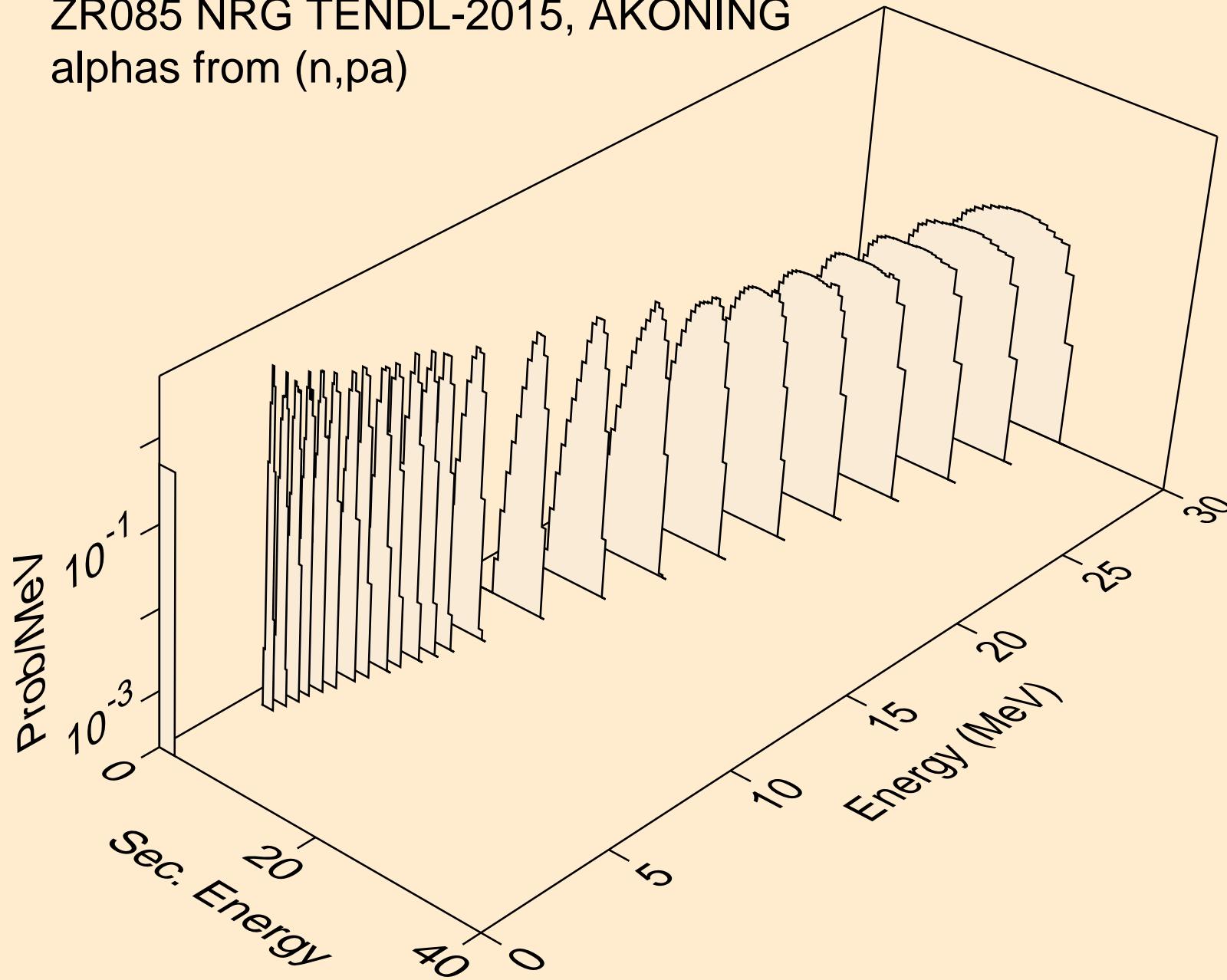
ZR085 NRG TENDL-2015, AKONING  
alphas from (n,2a)



ZR085 NRG TENDL-2015, AKONING  
alphas from (n,3a)



ZR085 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ZR085 NRG TENDL-2015, AKONING  
alphas from (n,da)

