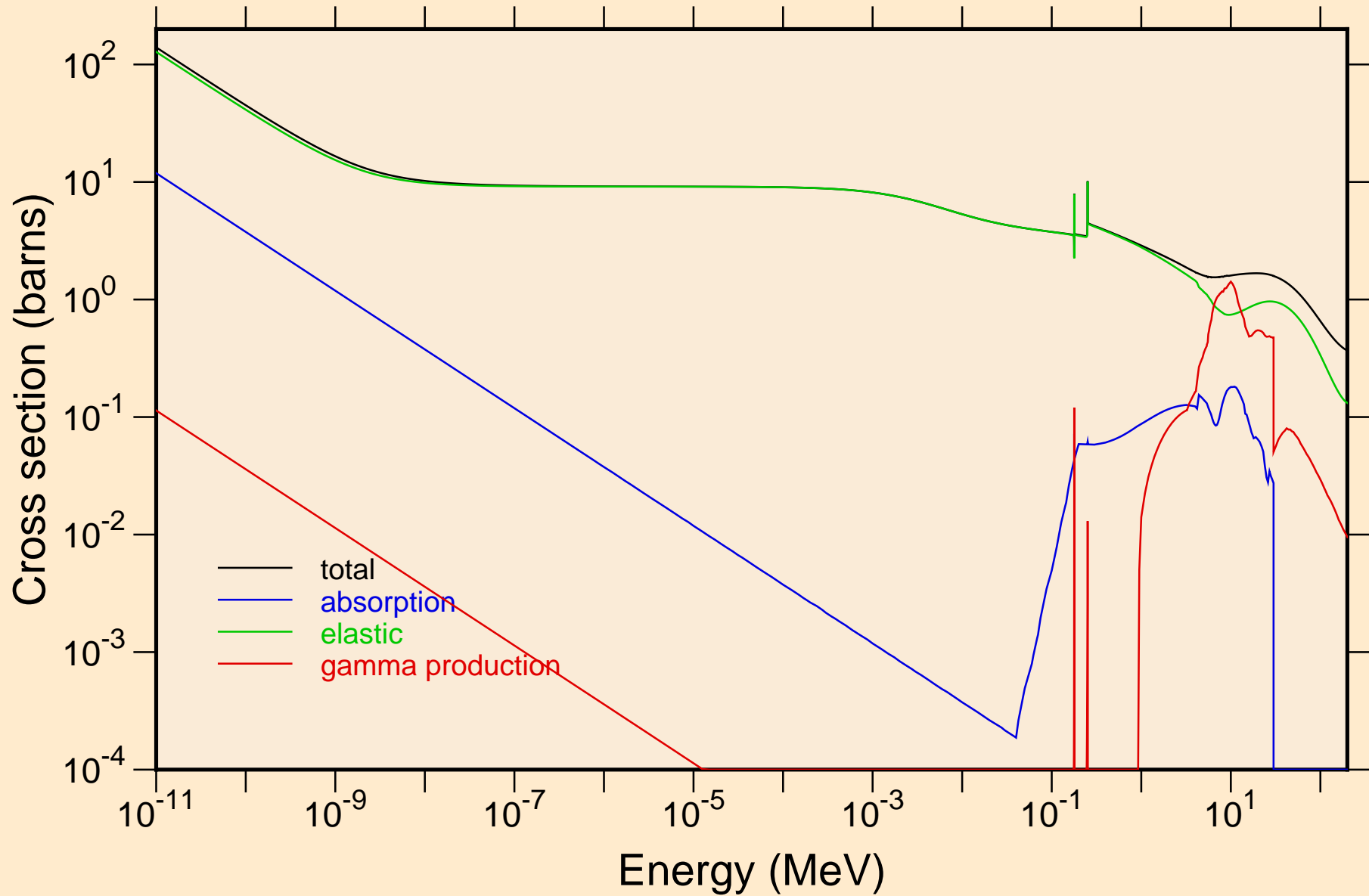


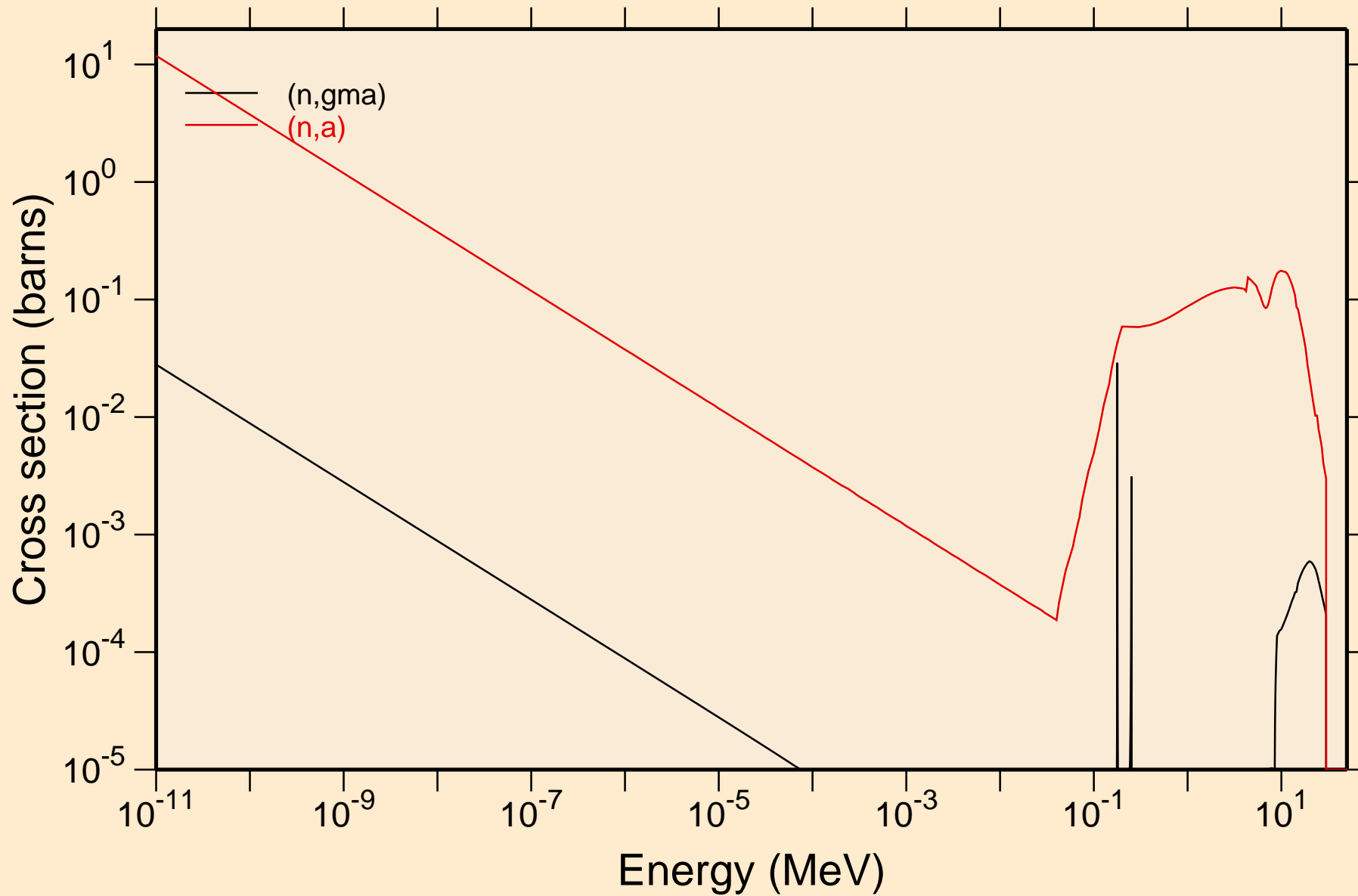
# O017 NRG TENDL-2015, AKONING

## Principal cross sections



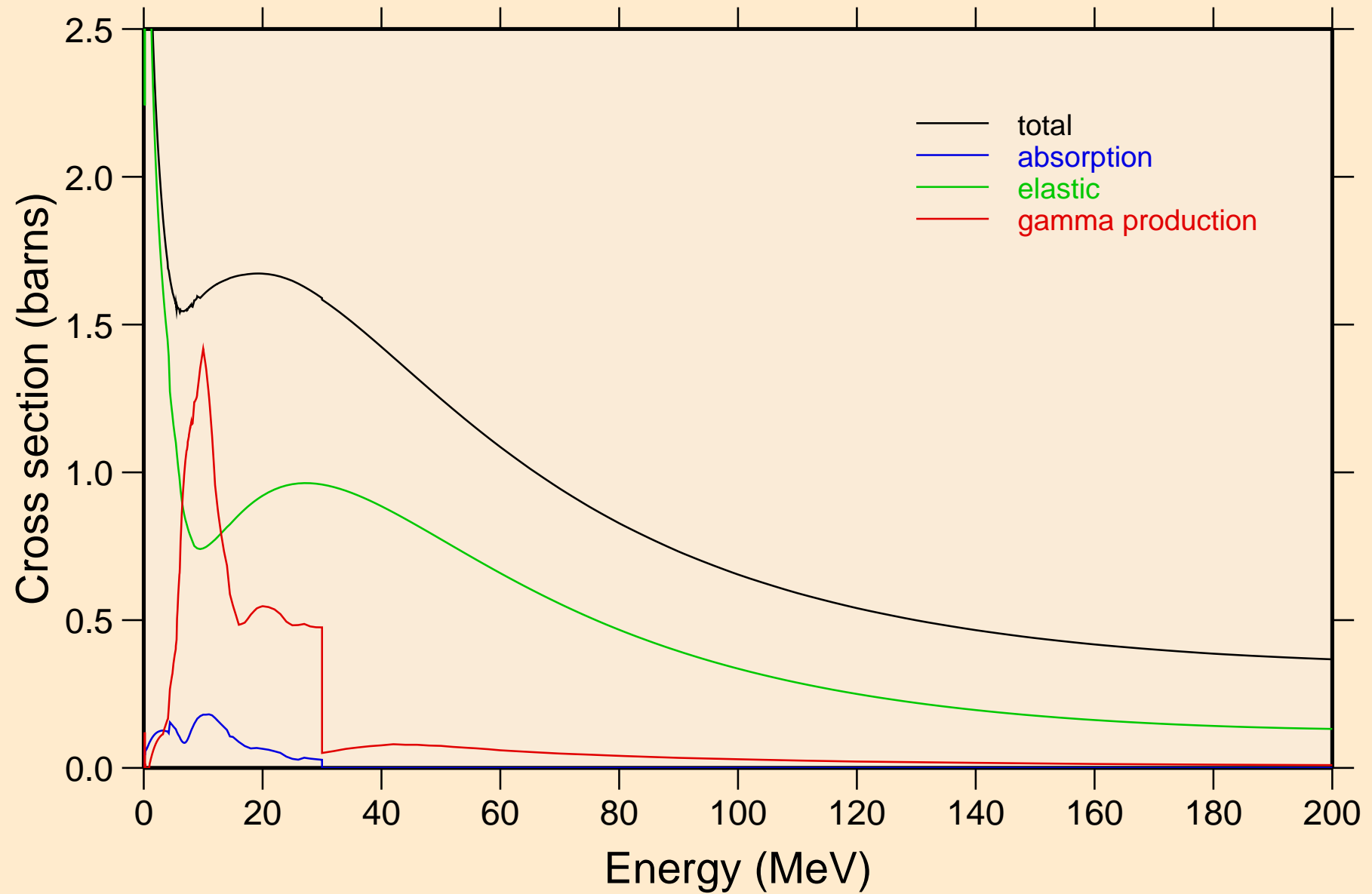
# O017 NRG TENDL-2015, AKONING

## Non-threshold reactions



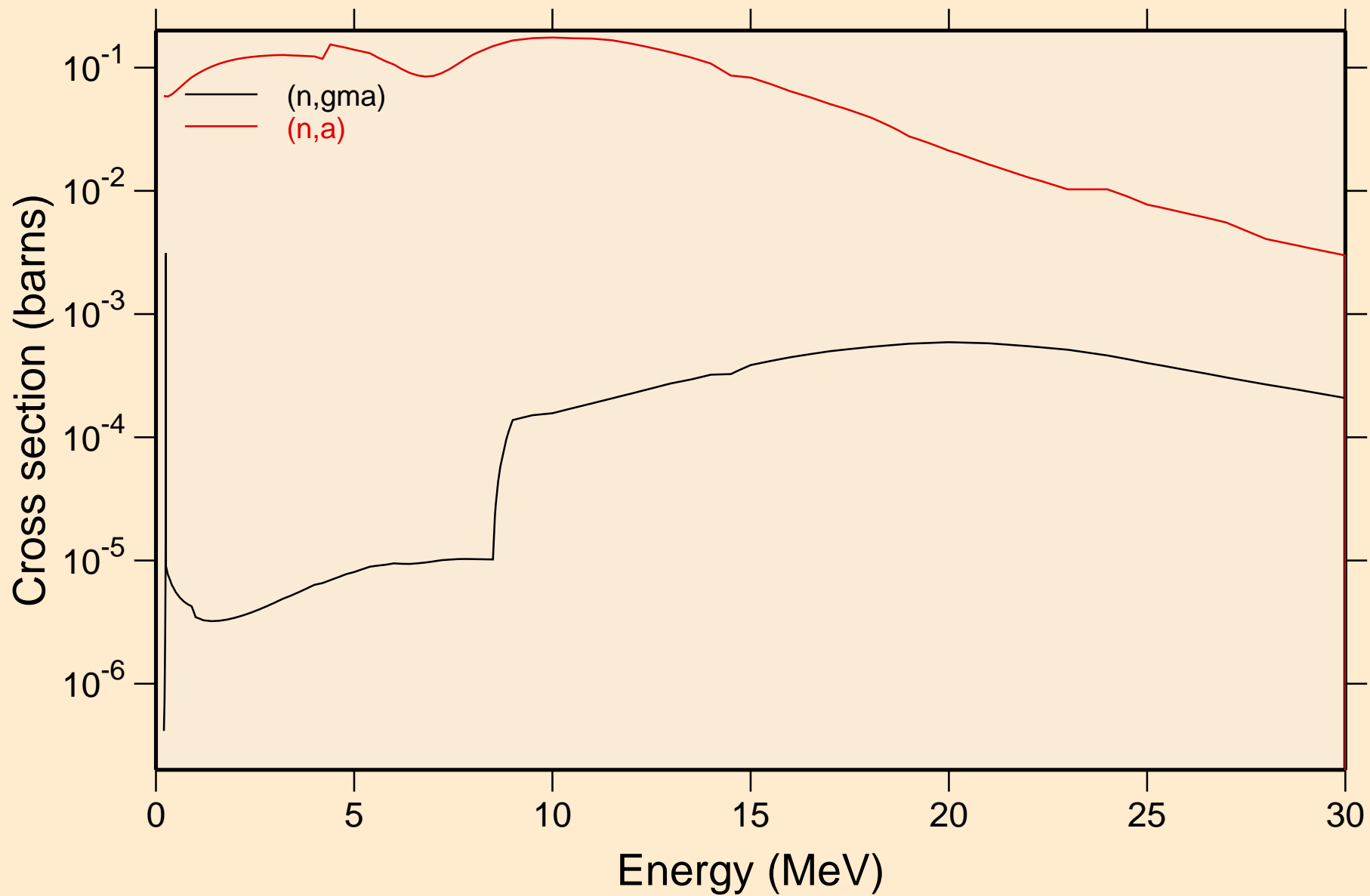
# O017 NRG TENDL-2015, AKONING

## Principal cross sections



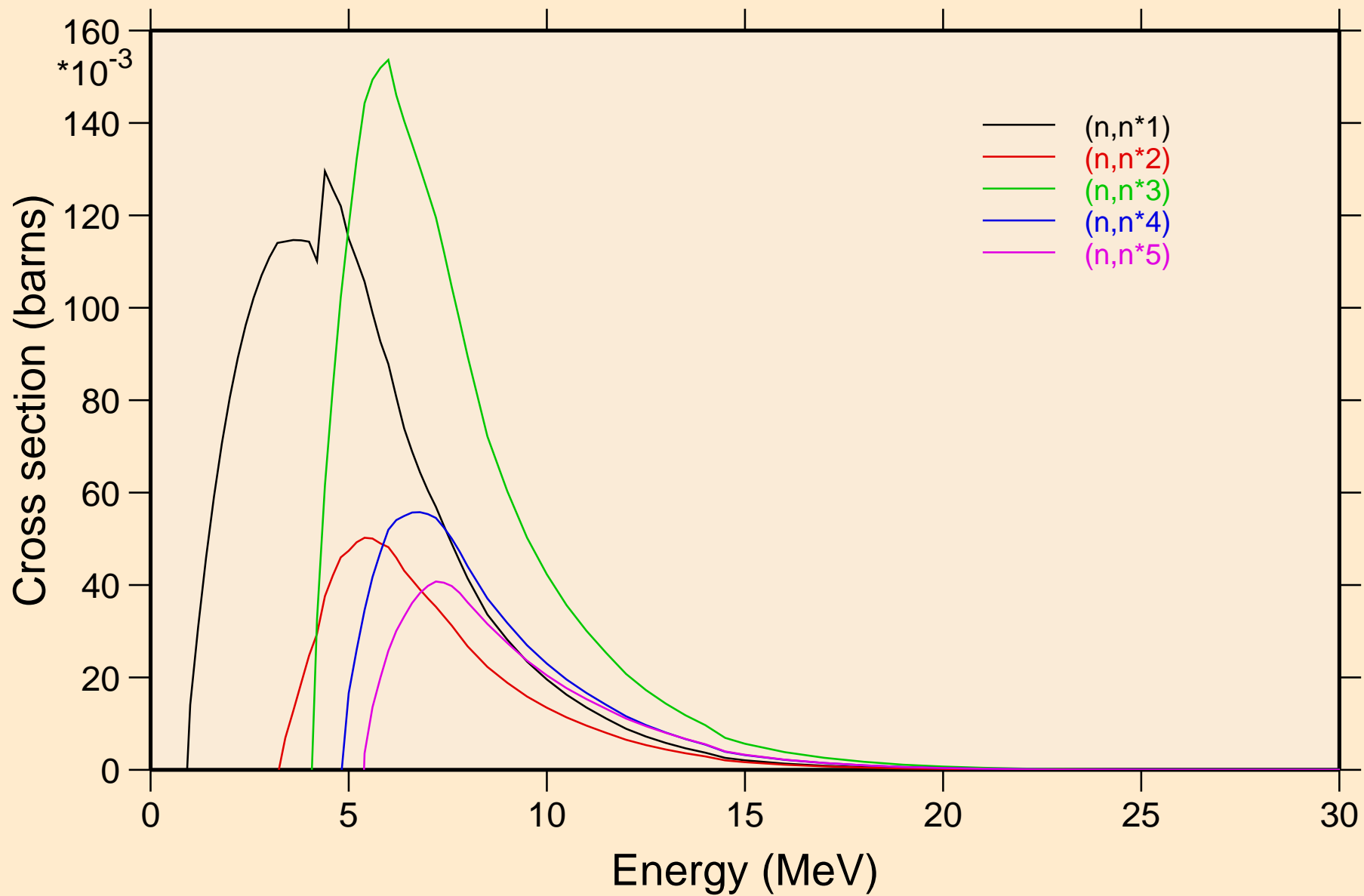
# O017 NRG TENDL-2015, AKONING

## Non-threshold reactions



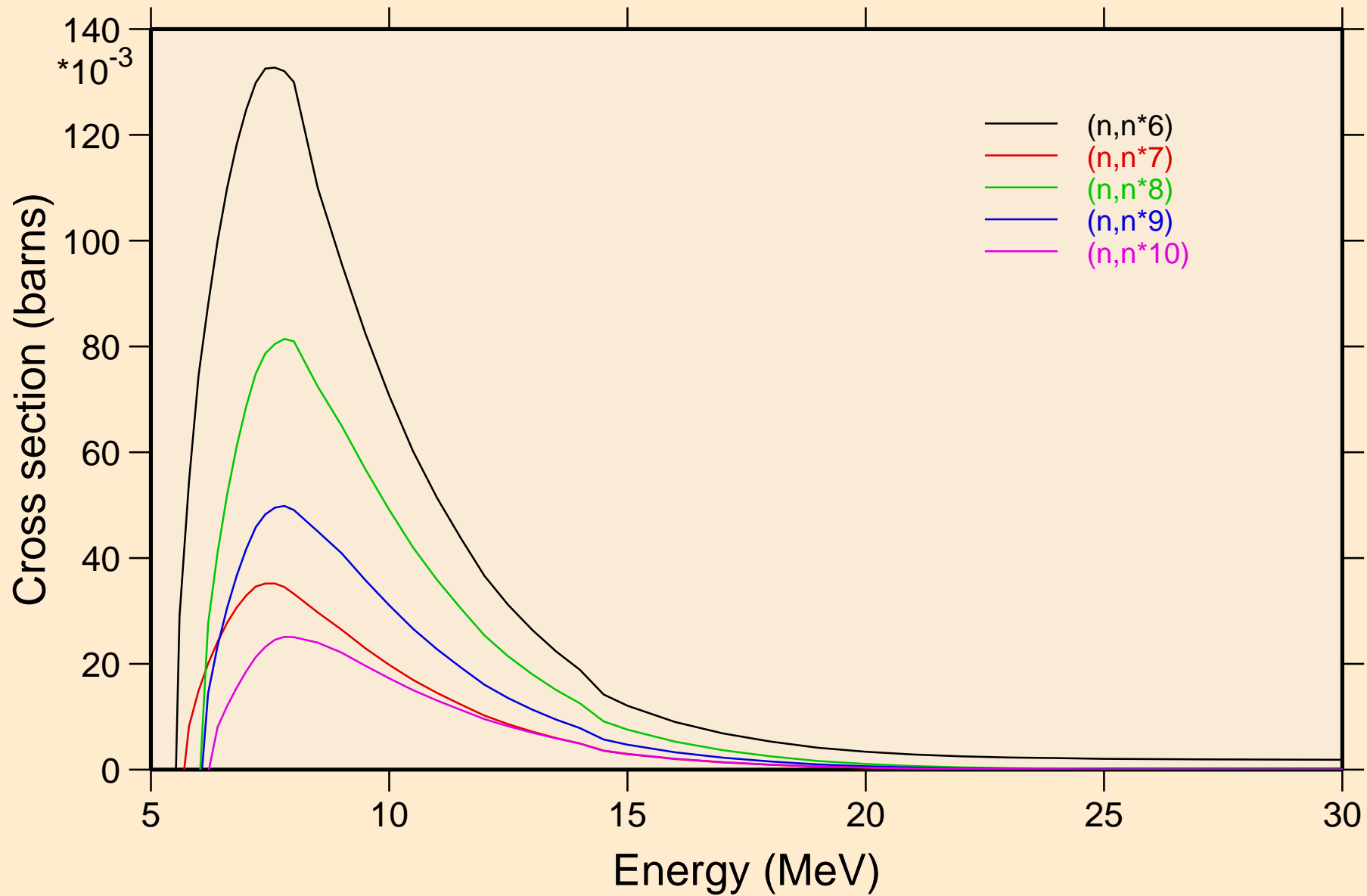
# O017 NRG TENDL-2015, AKONING

## Inelastic levels



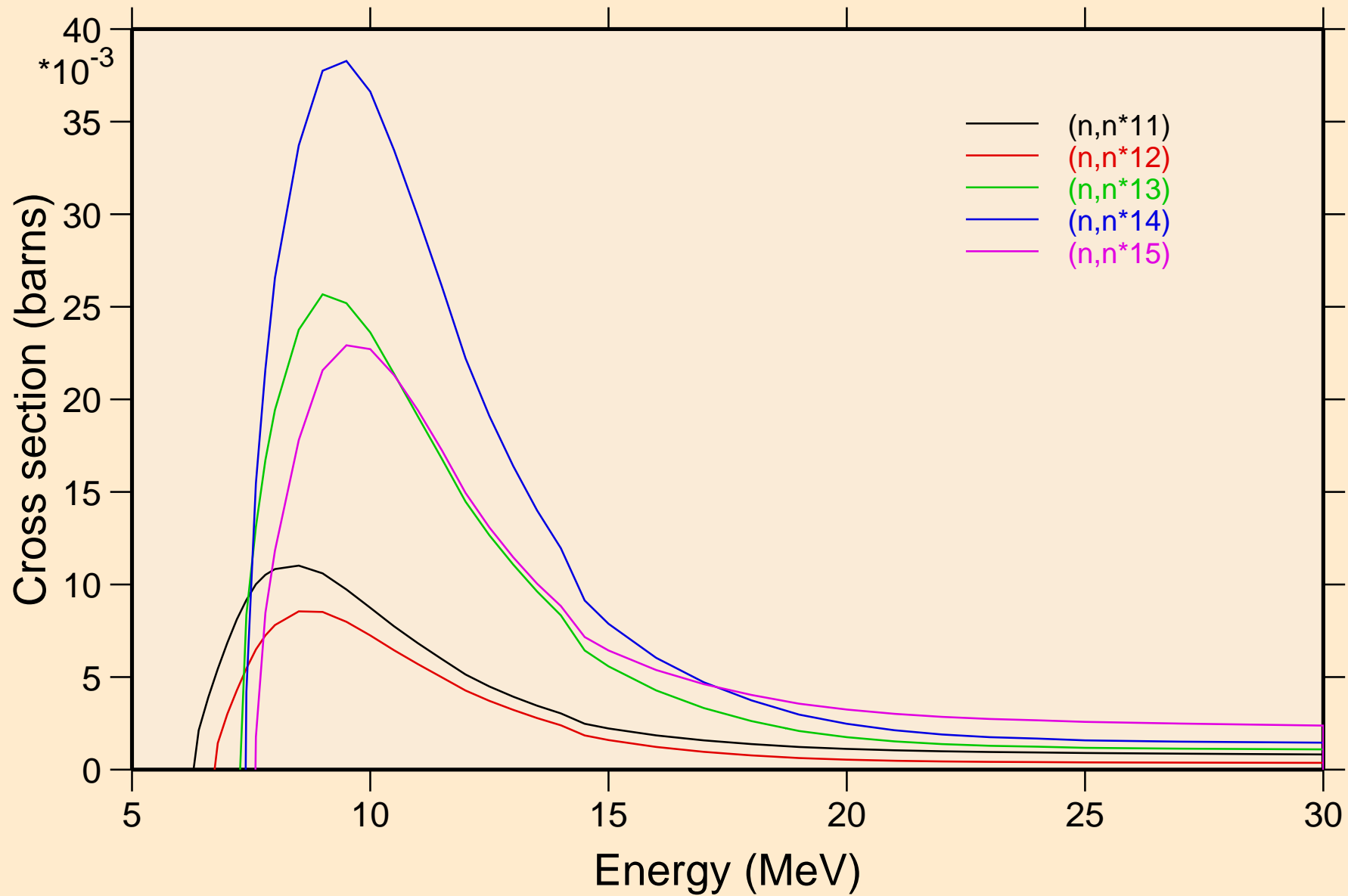
# O017 NRG TENDL-2015, AKONING

## Inelastic levels



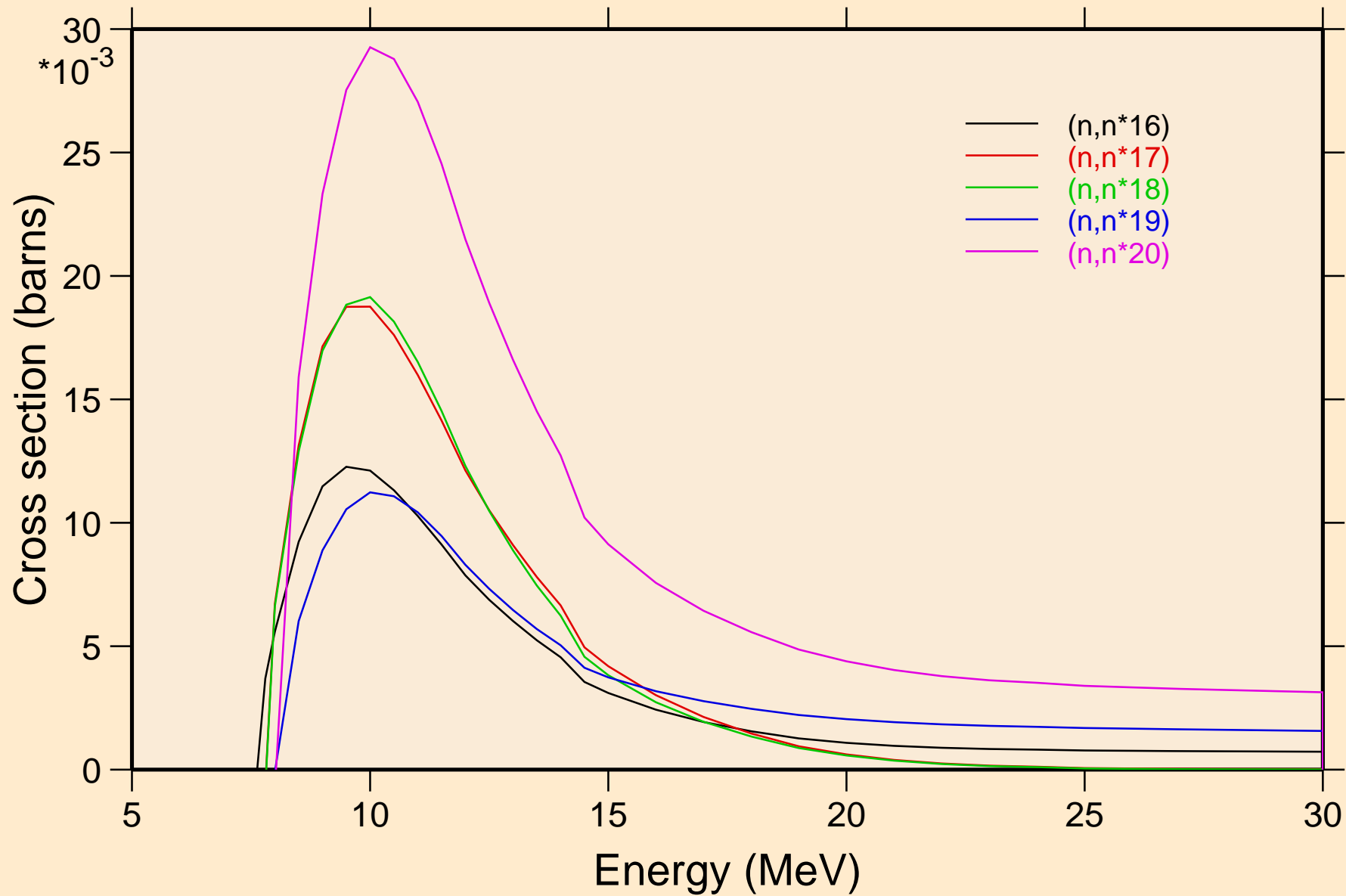
# O017 NRG TENDL-2015, AKONING

## Inelastic levels



# O017 NRG TENDL-2015, AKONING

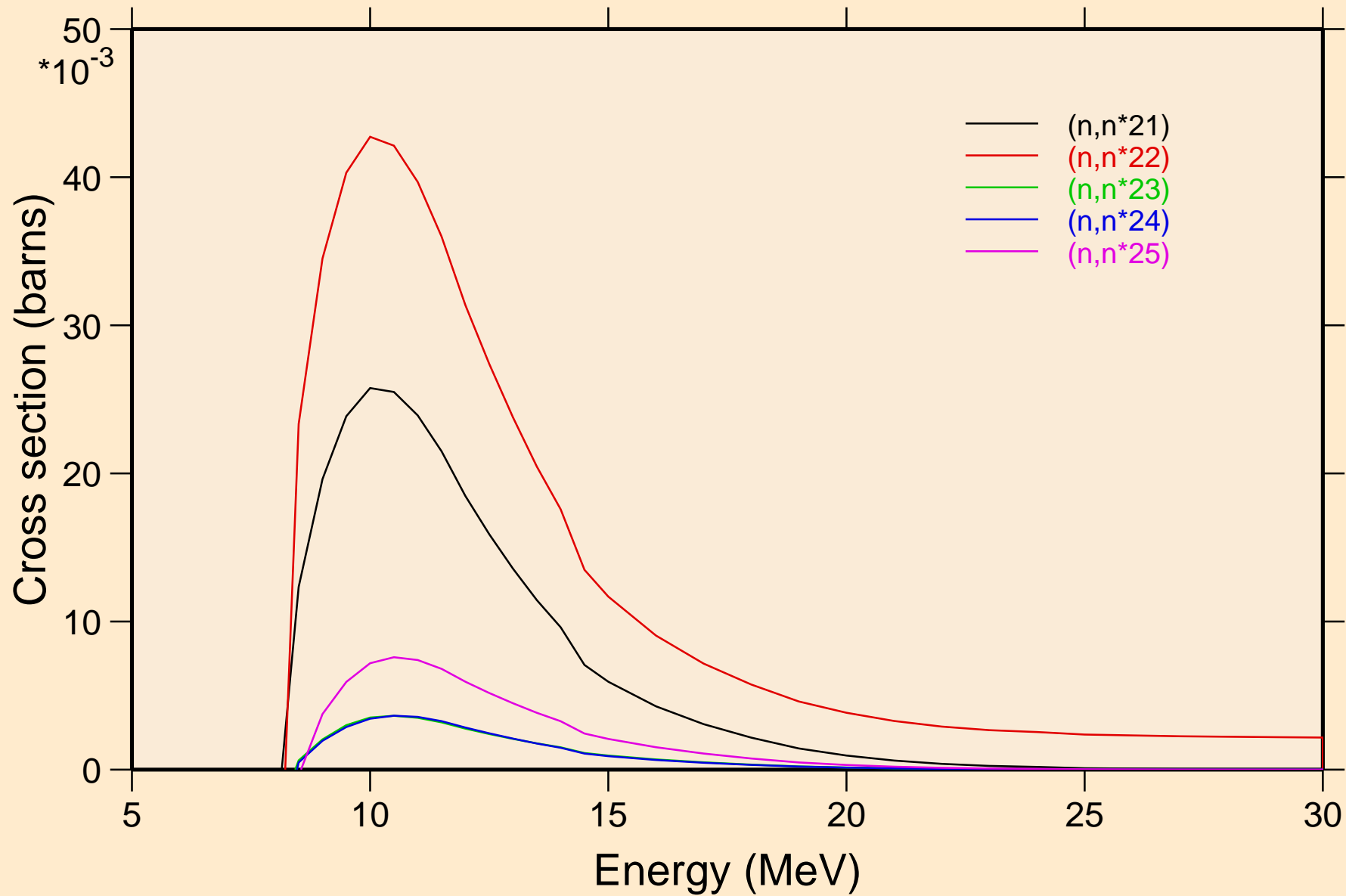
## Inelastic levels





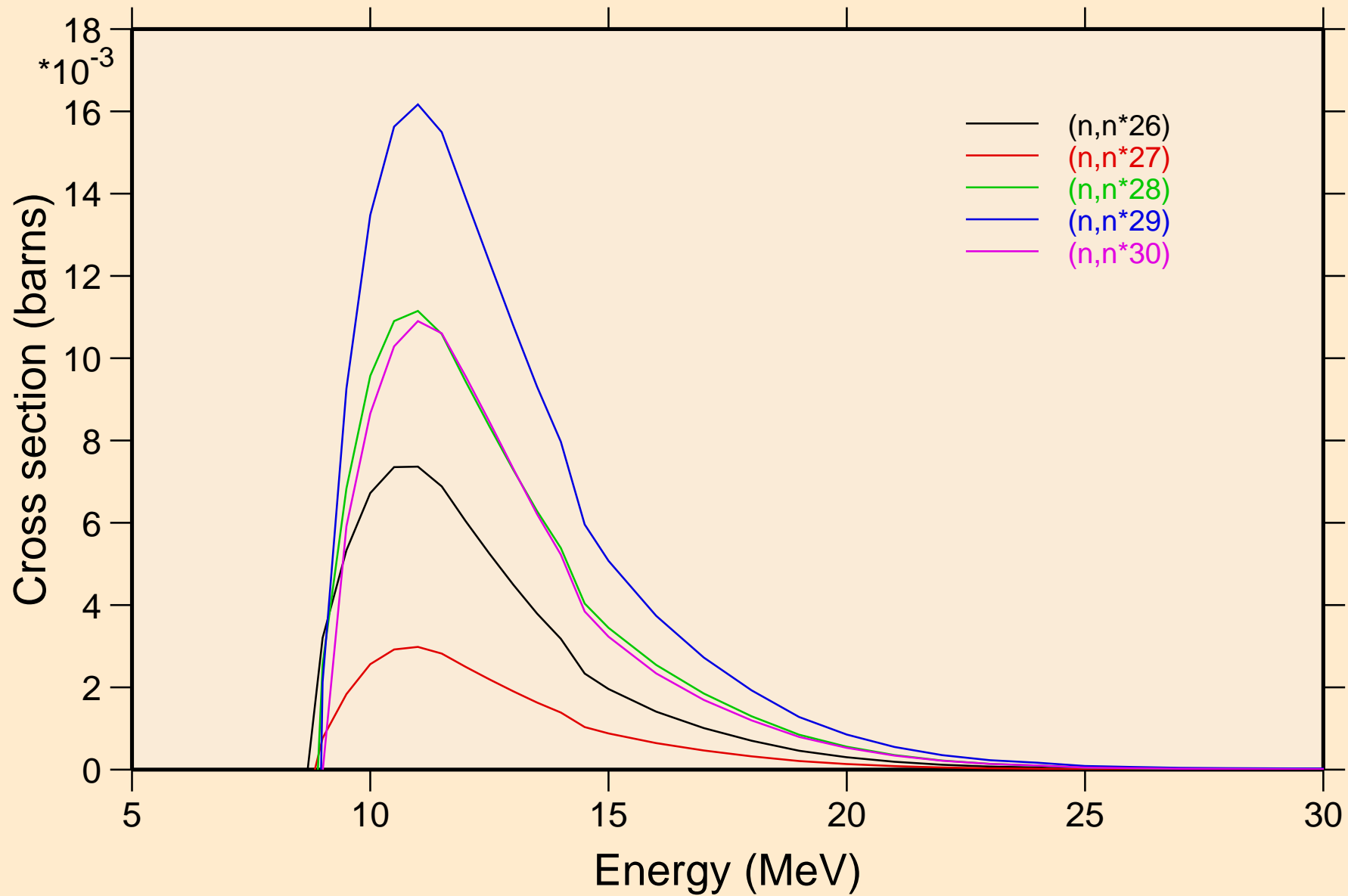
# O017 NRG TENDL-2015, AKONING

## Inelastic levels



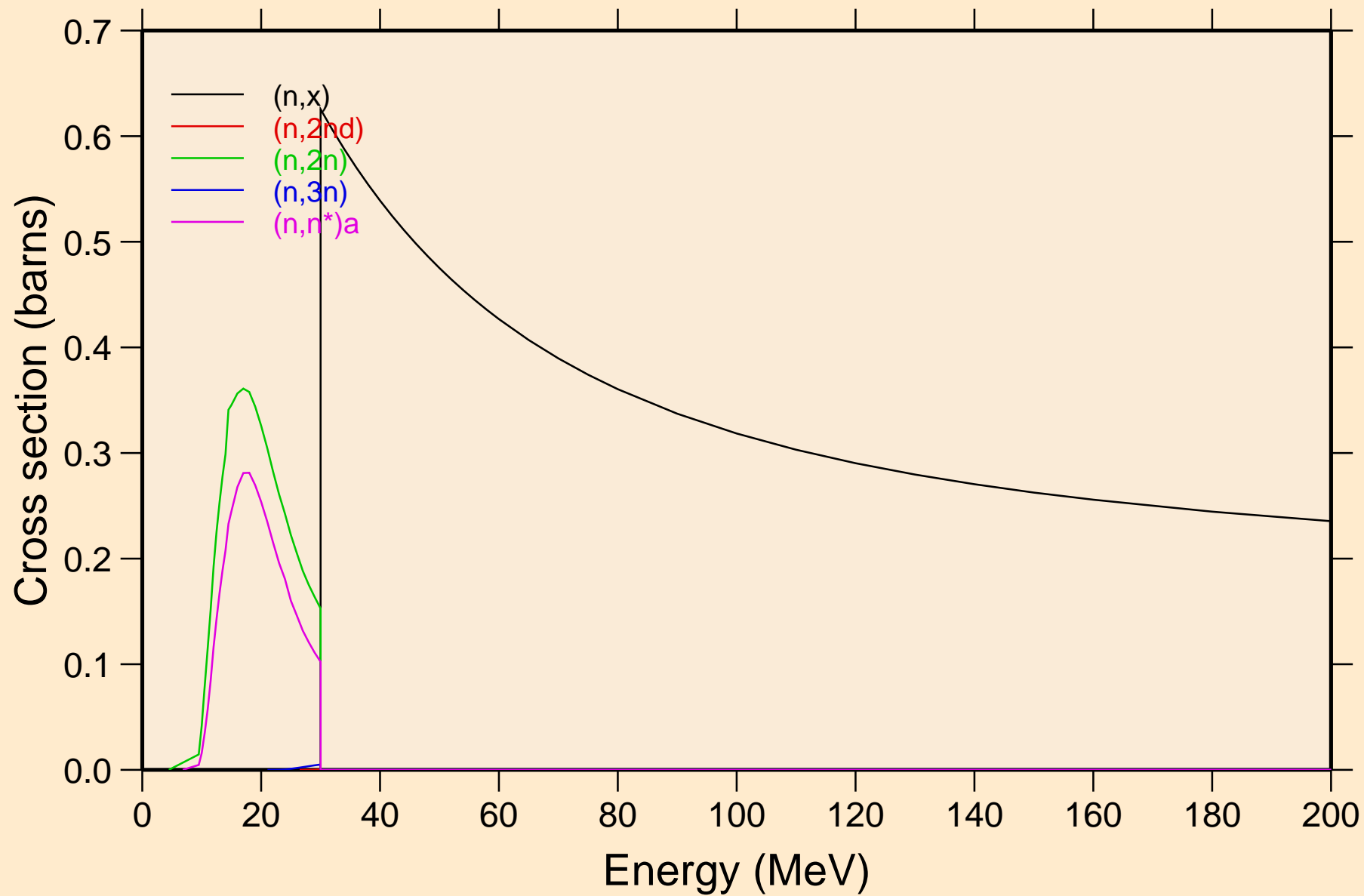
# O017 NRG TENDL-2015, AKONING

## Inelastic levels



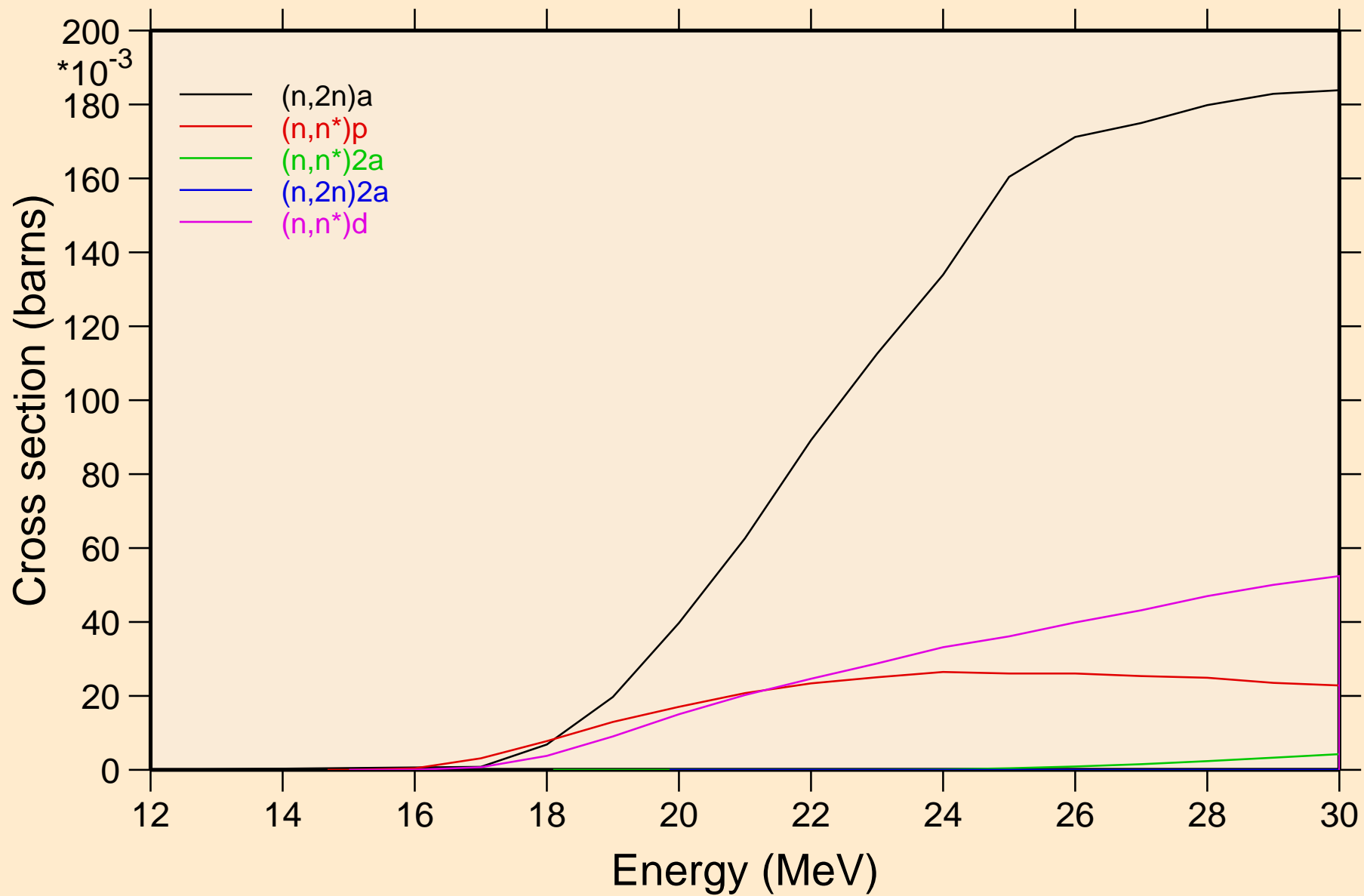
# O017 NRG TENDL-2015, AKONING

## Threshold reactions



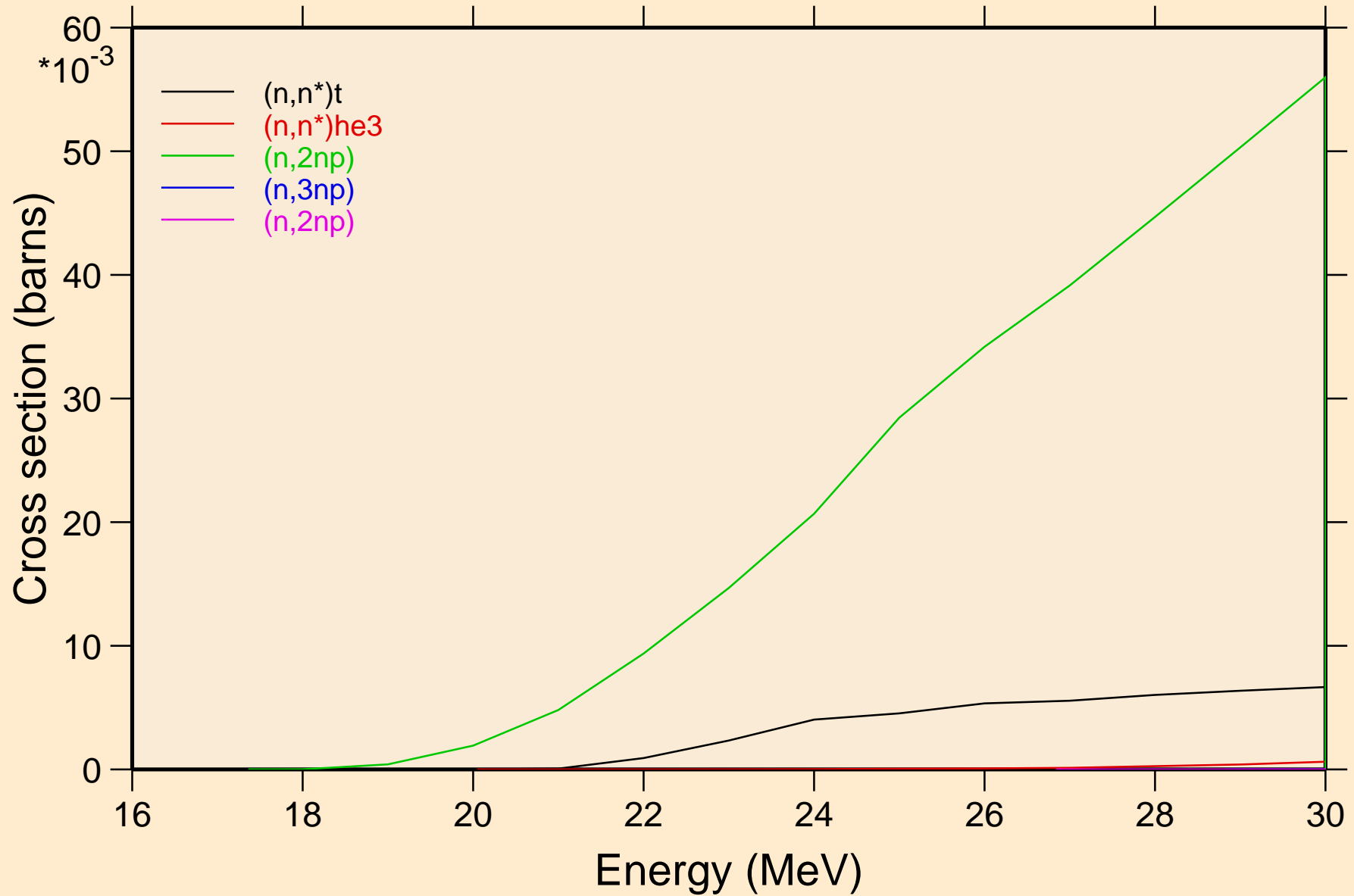
# O017 NRG TENDL-2015, AKONING

## Threshold reactions



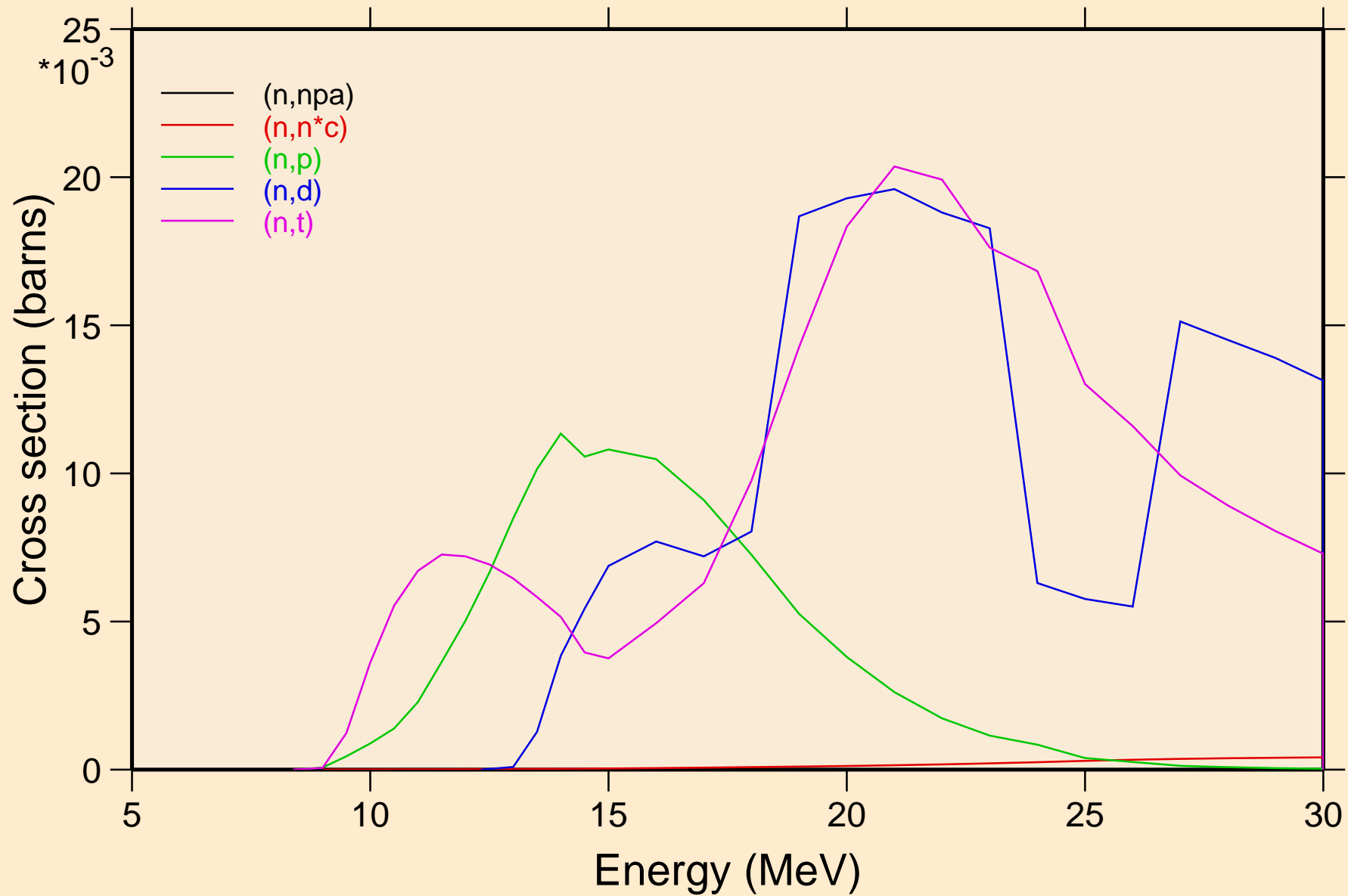
# O017 NRG TENDL-2015, AKONING

## Threshold reactions



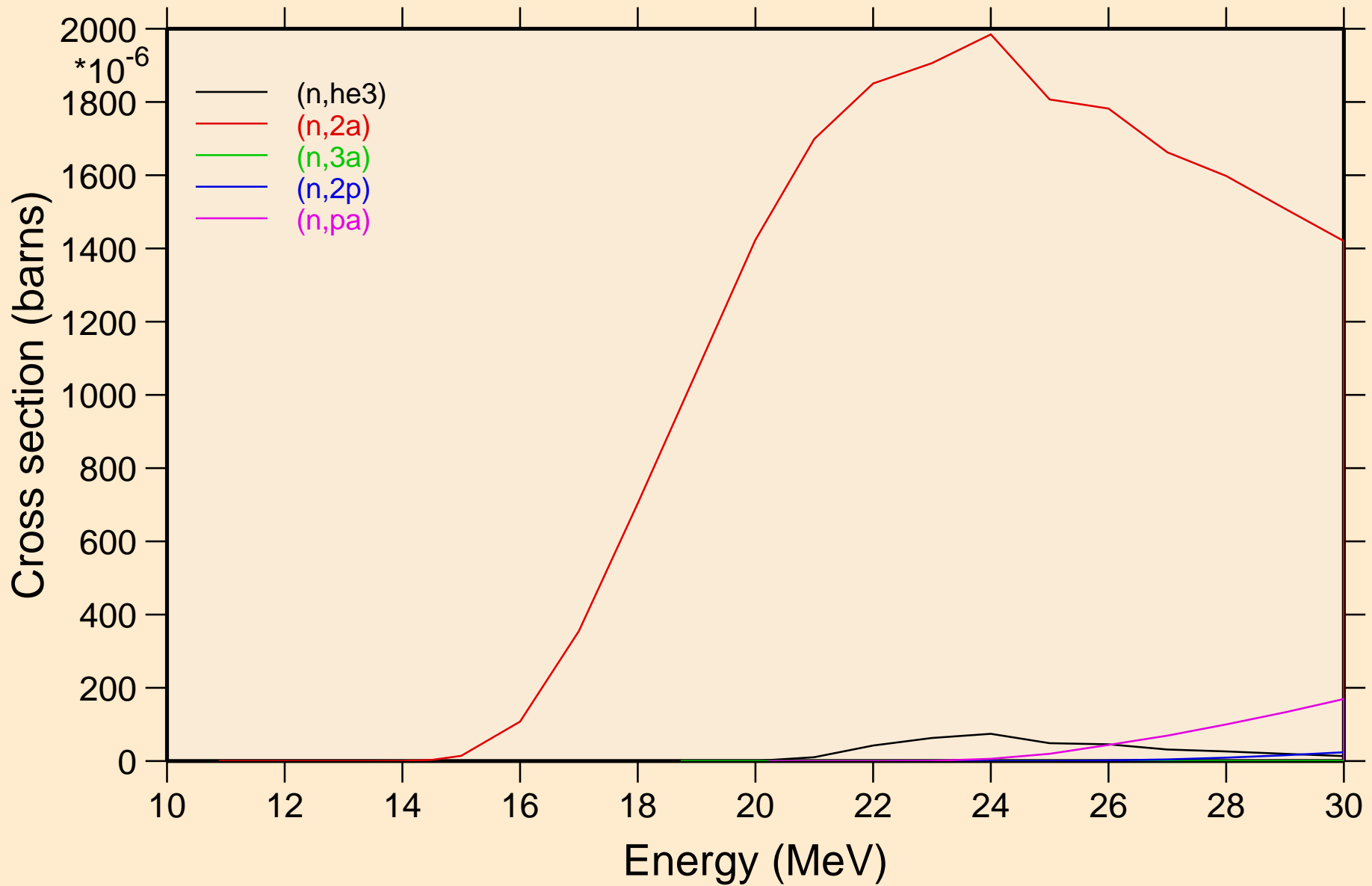
# O017 NRG TENDL-2015, AKONING

## Threshold reactions



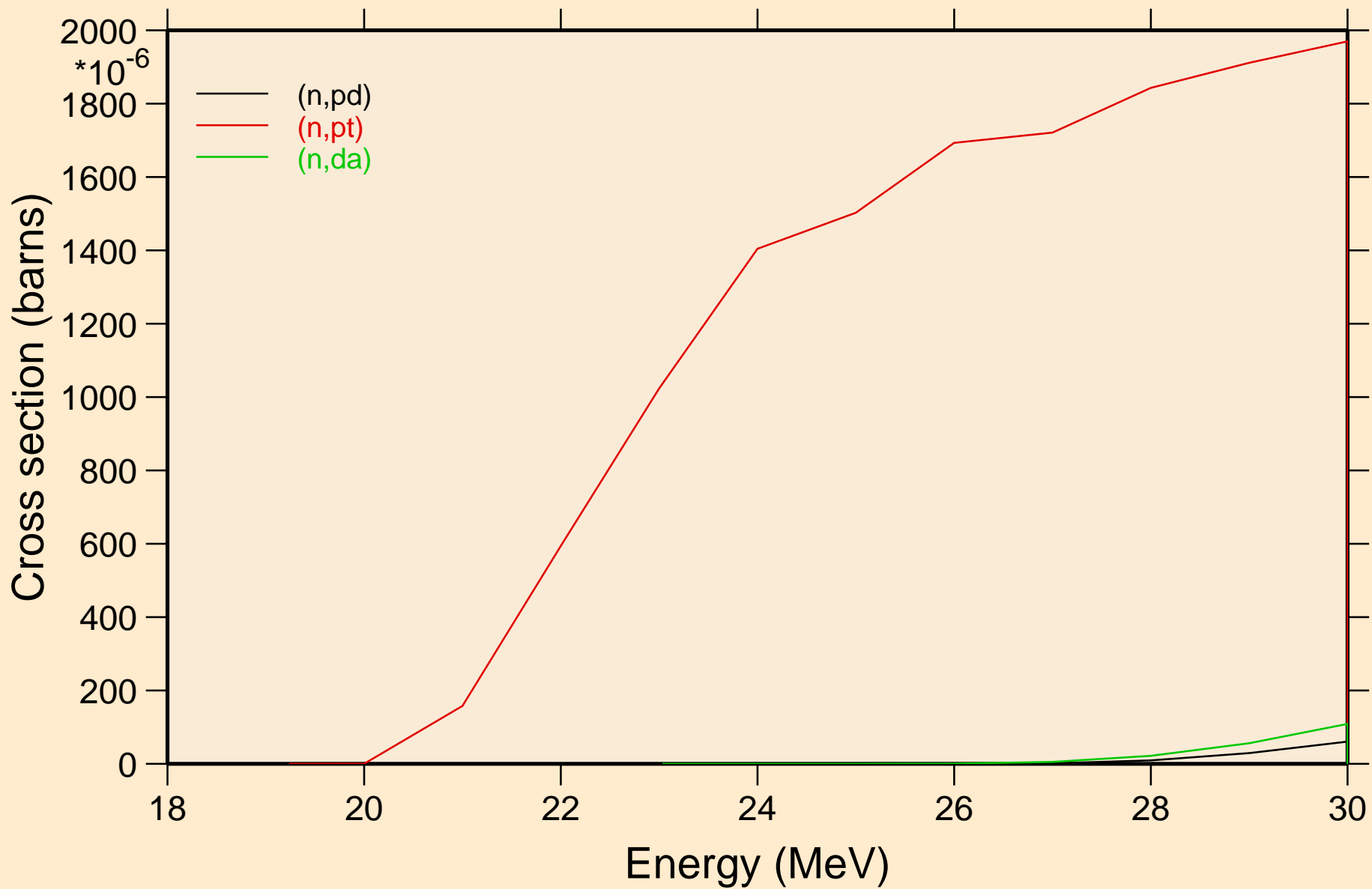
# O017 NRG TENDL-2015, AKONING

## Threshold reactions



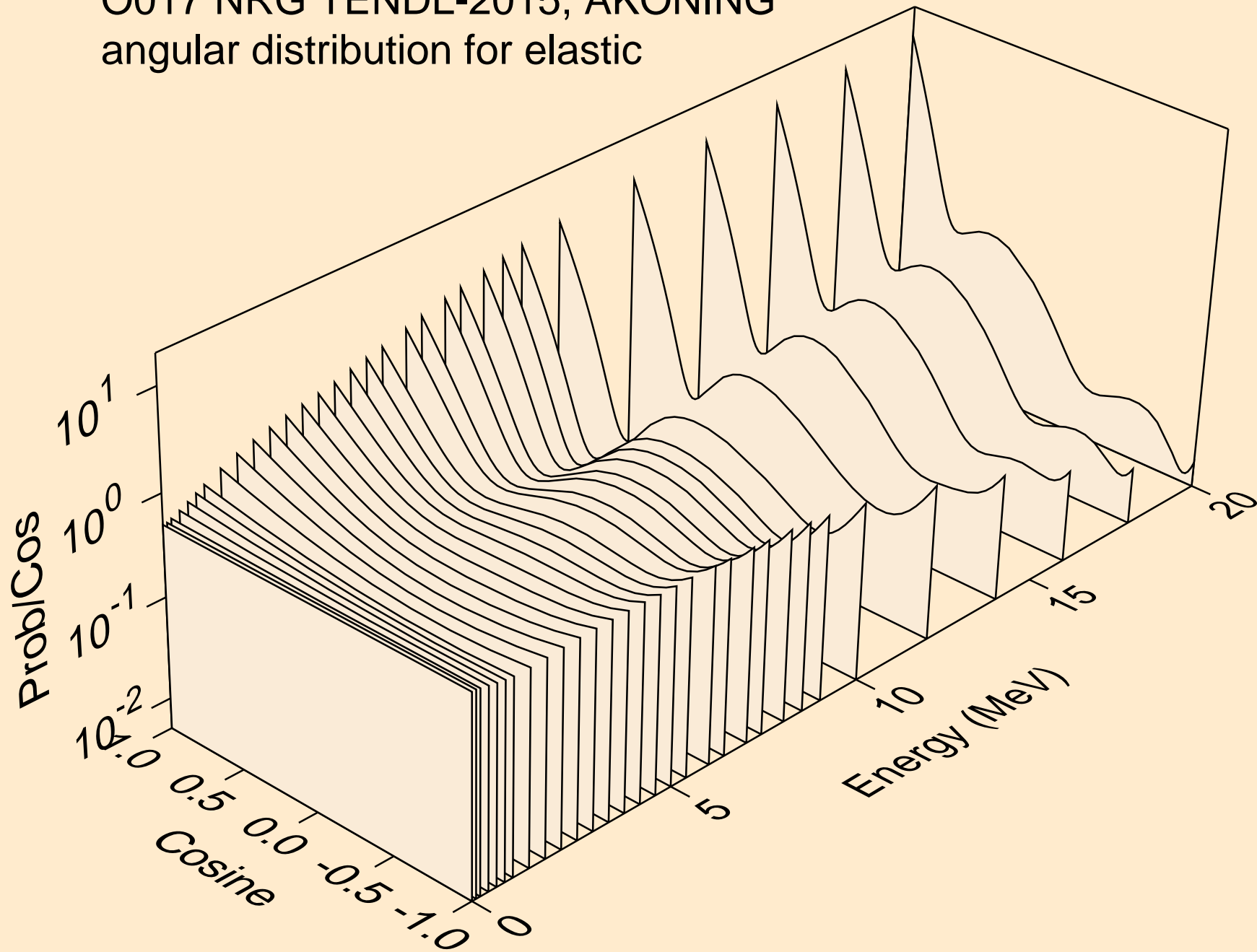
# O017 NRG TENDL-2015, AKONING

## Threshold reactions

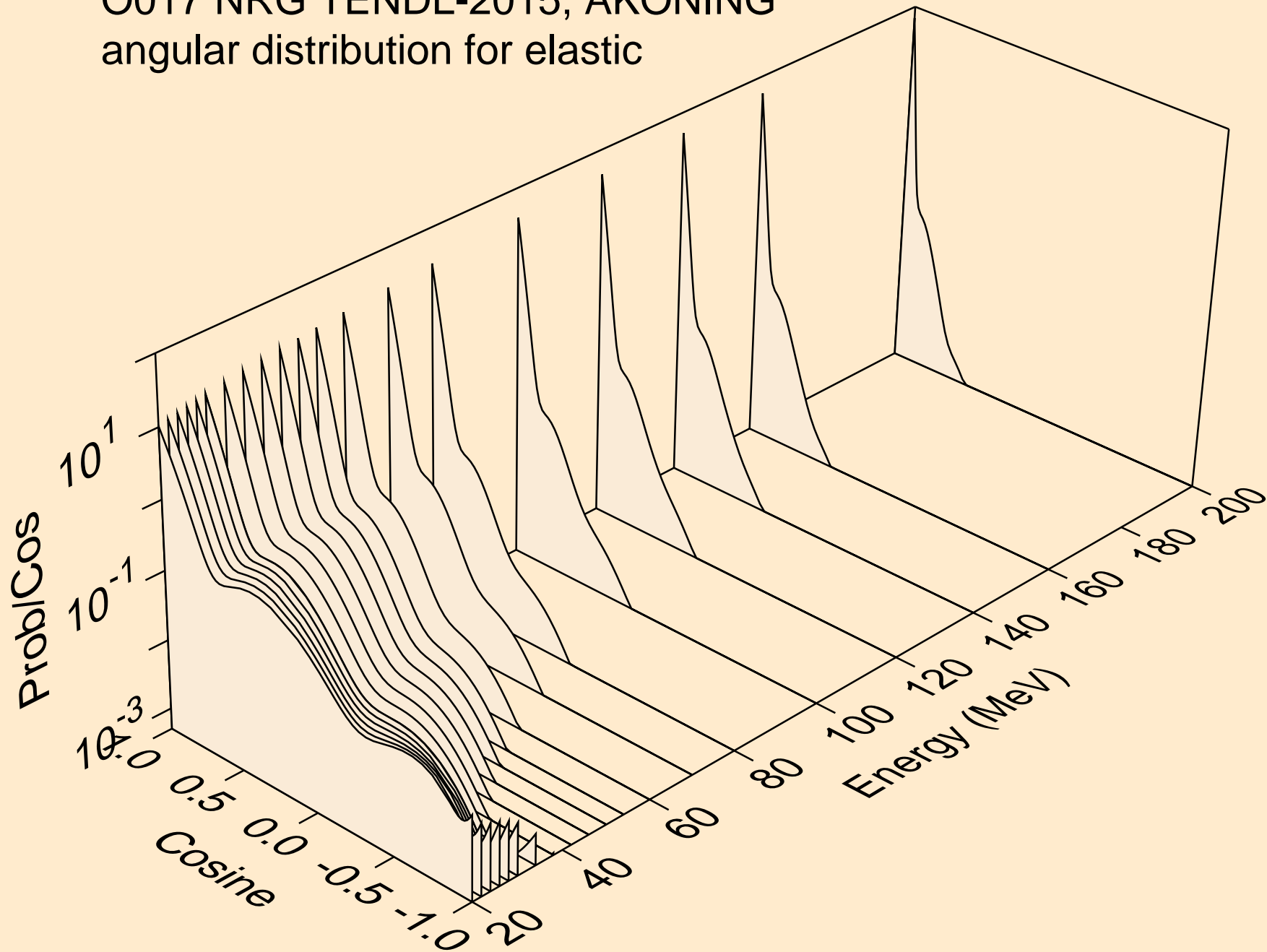




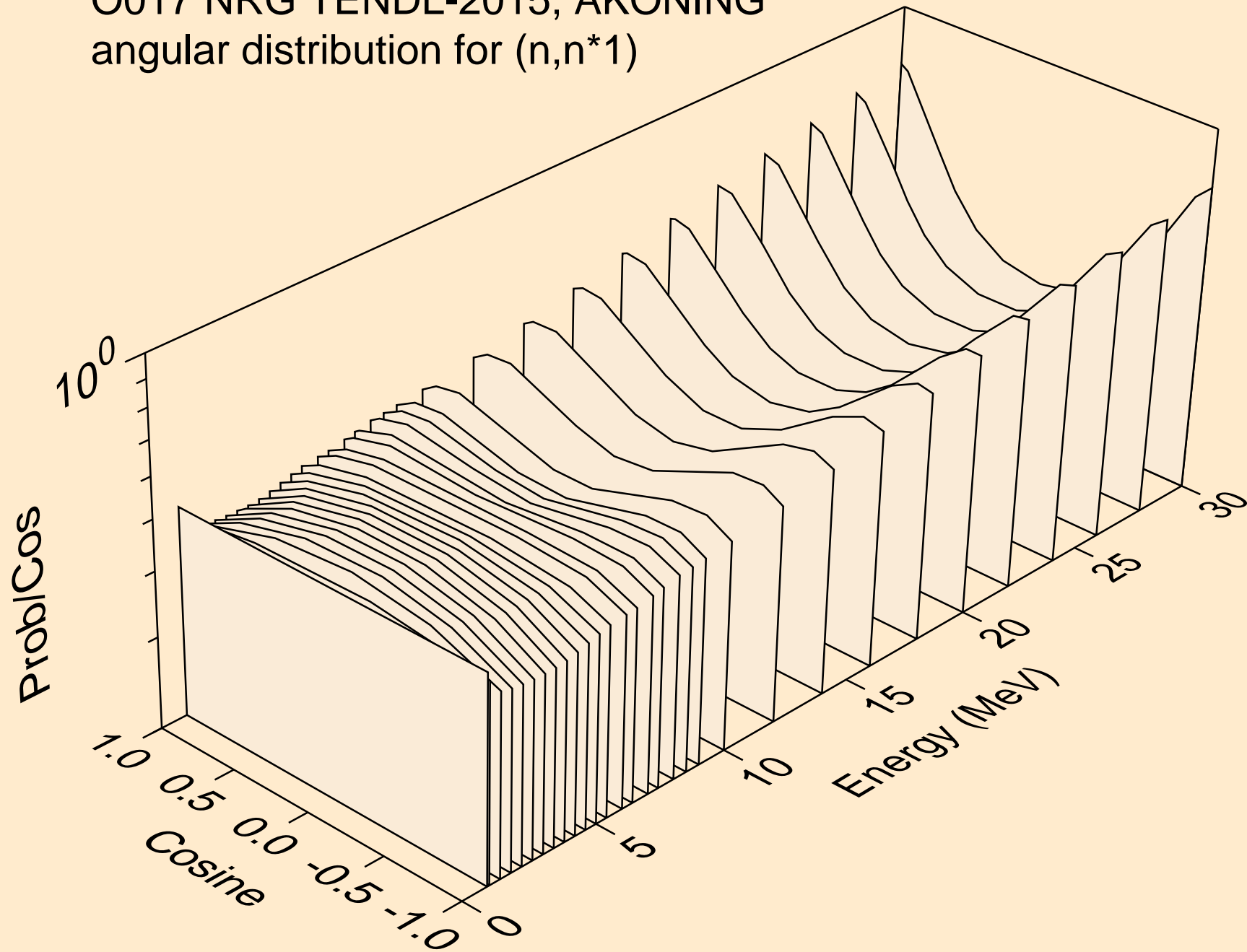
O017 NRG TENDL-2015, AKONING  
angular distribution for elastic



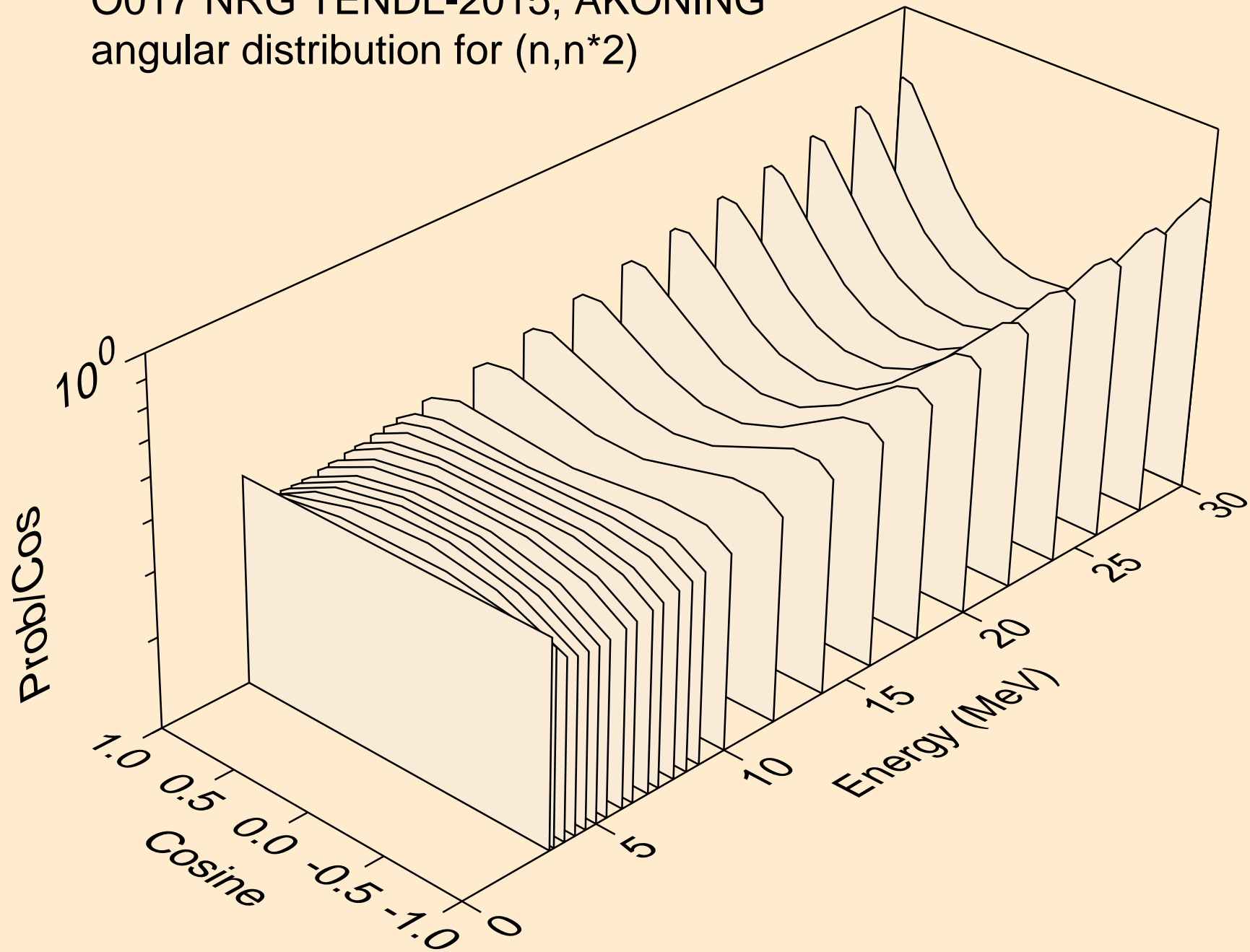
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angular distribution for elastic



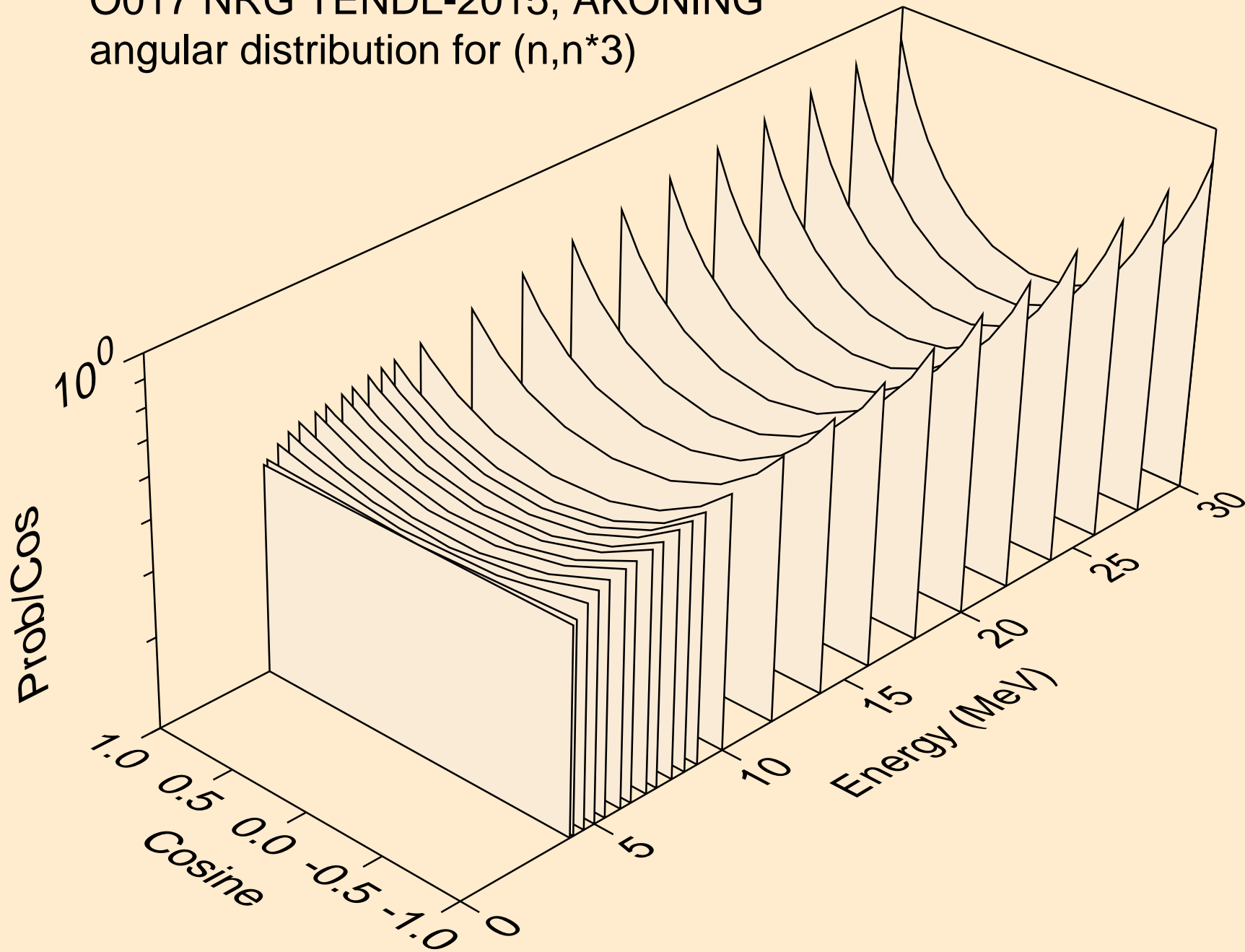
O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



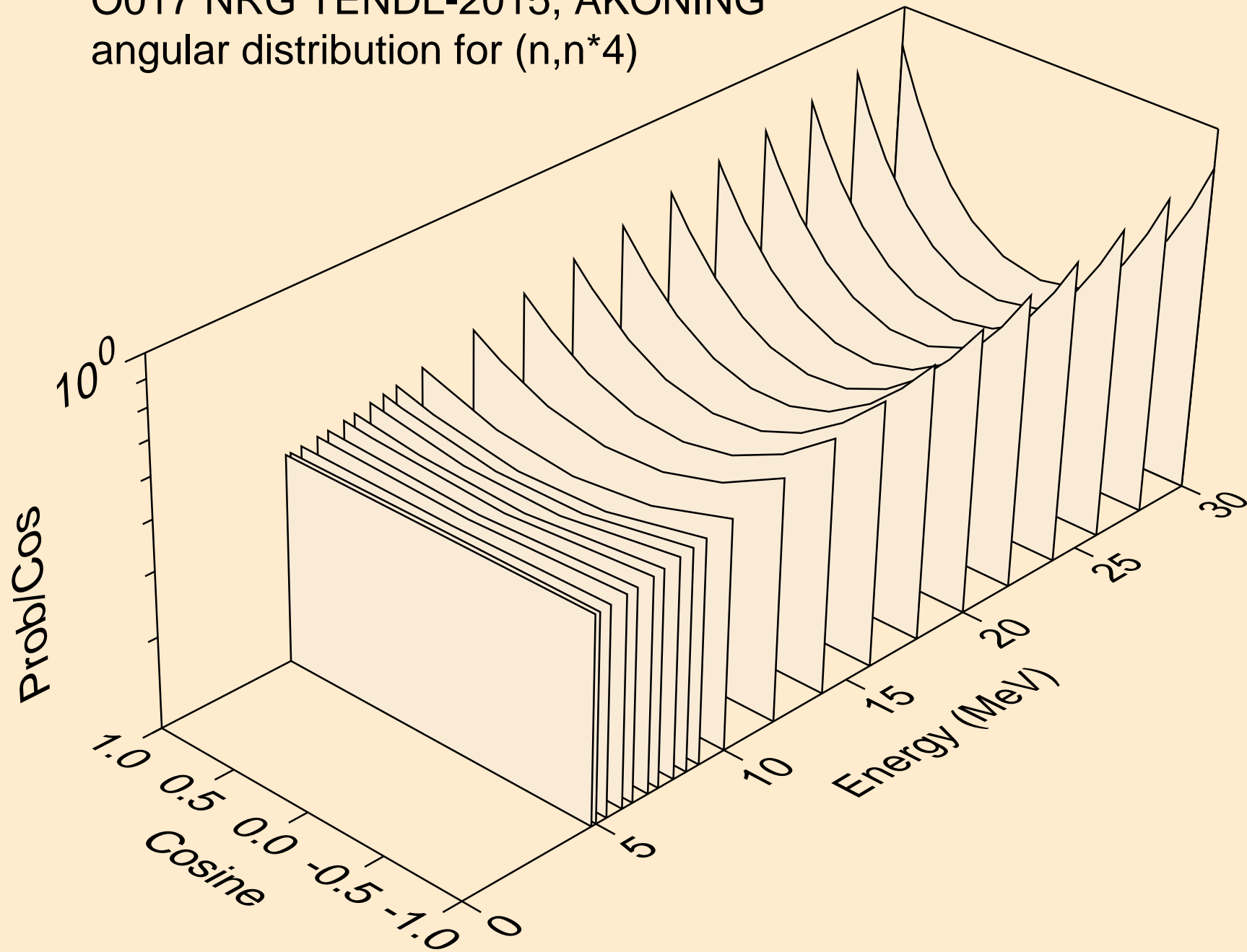
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angular distribution for (n,n\*2)



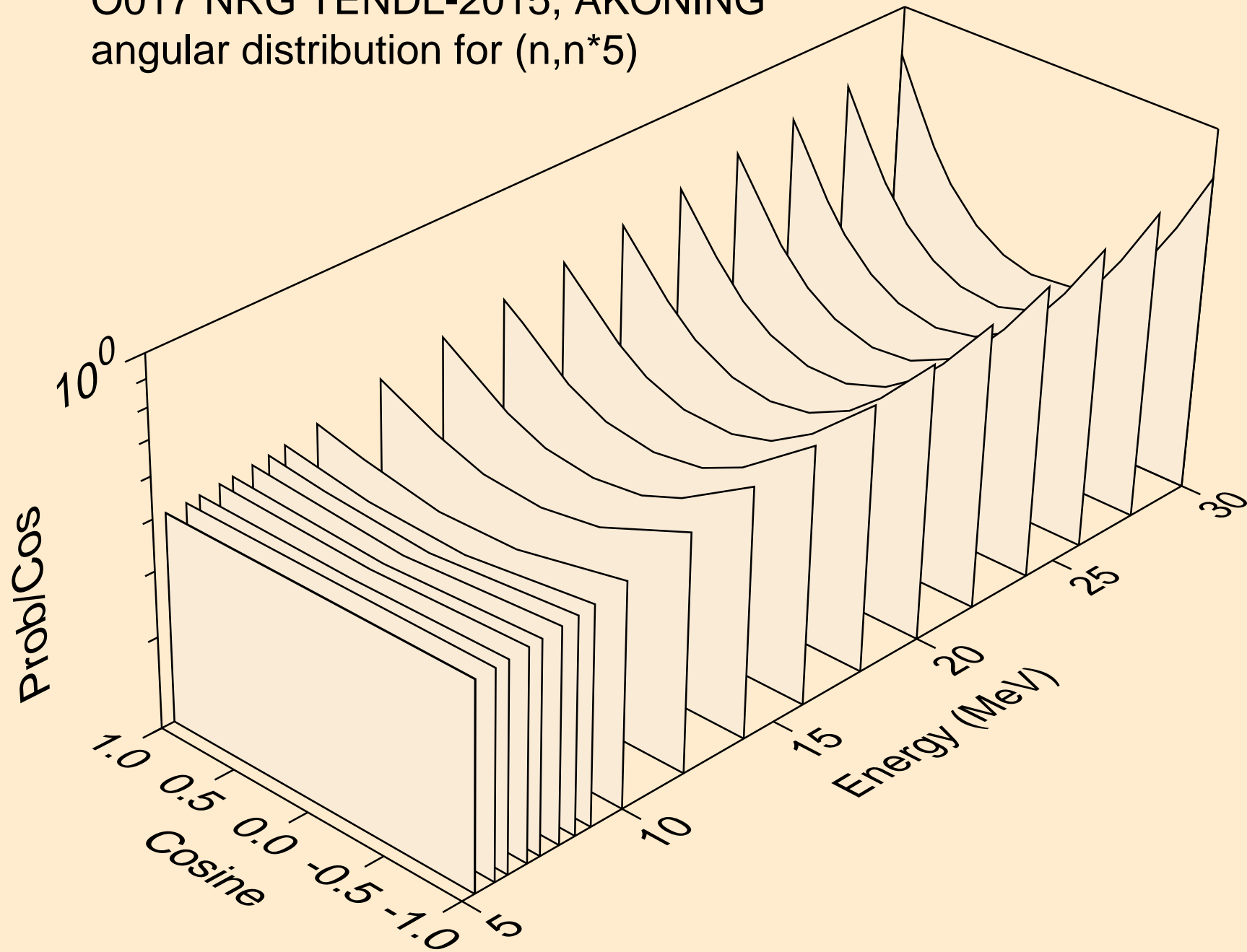
O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



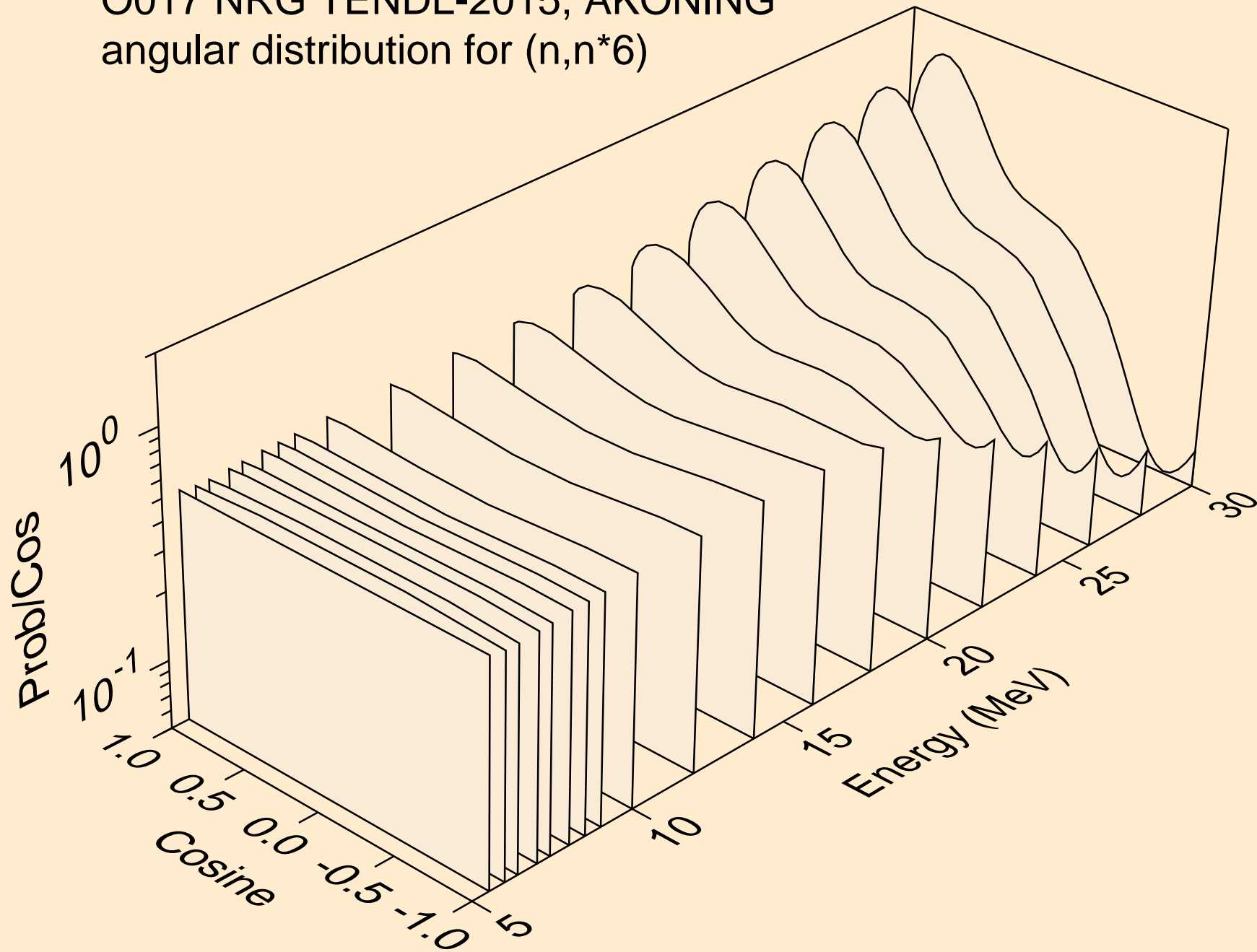
O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

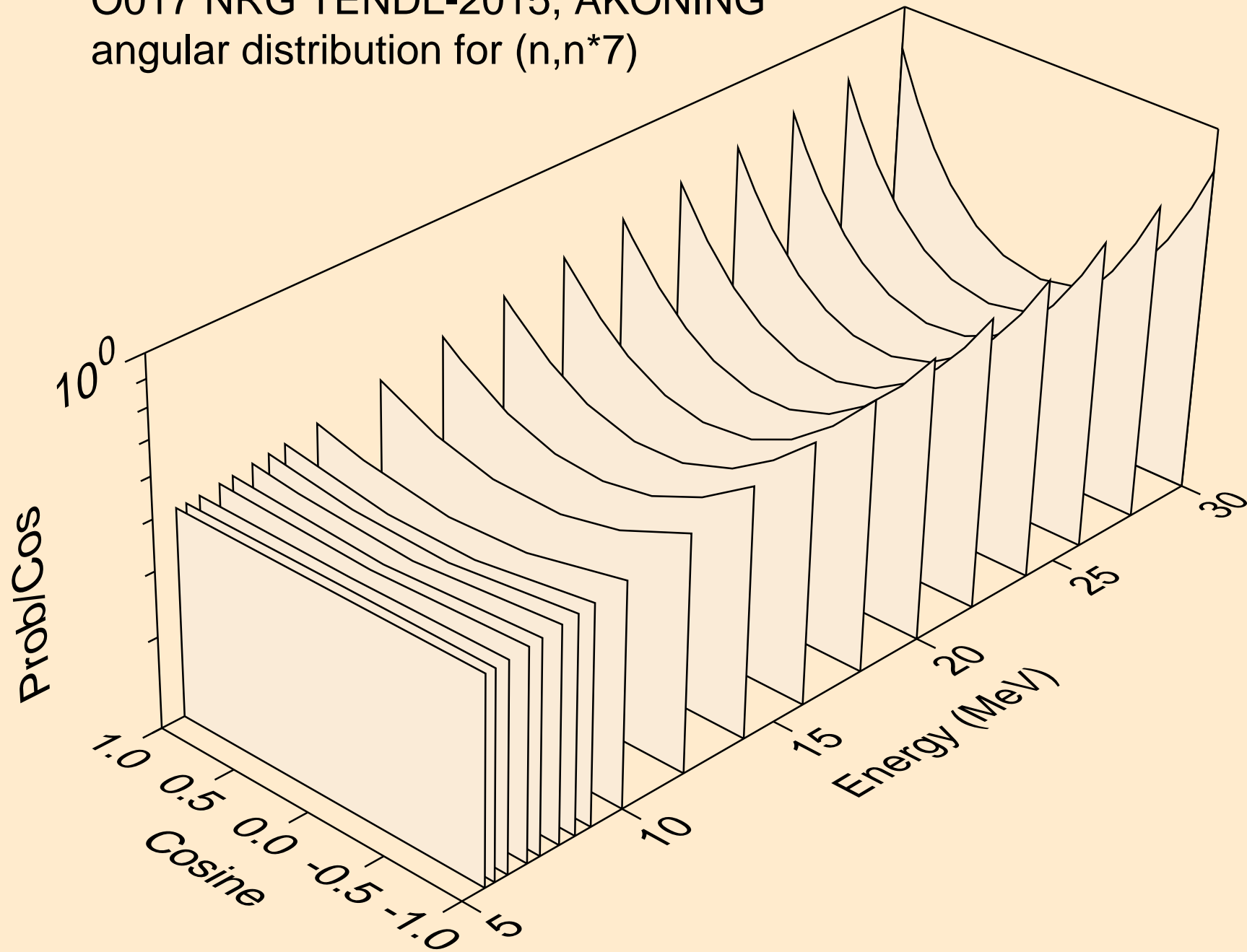


O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

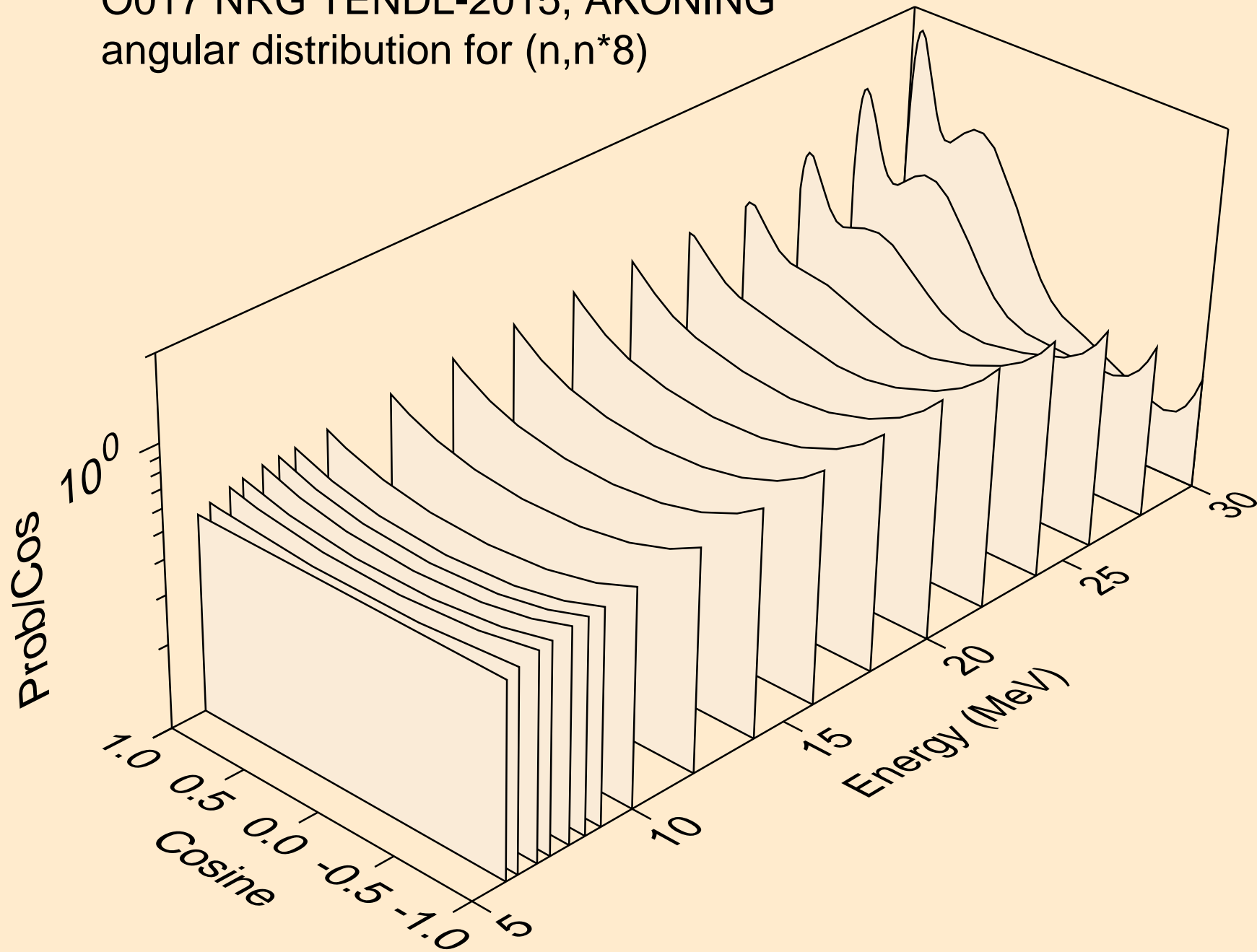




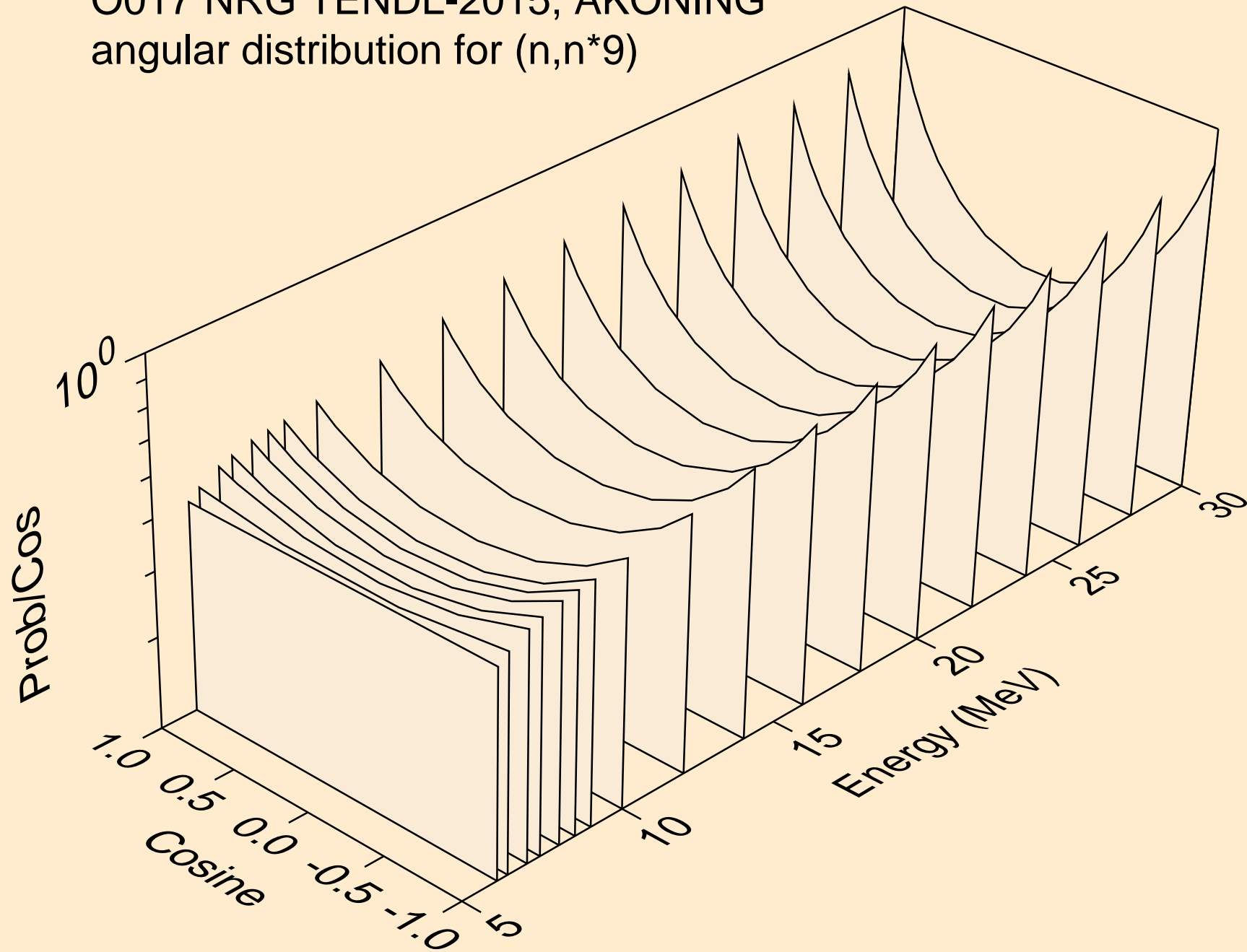
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angular distribution for (n,n\*7)



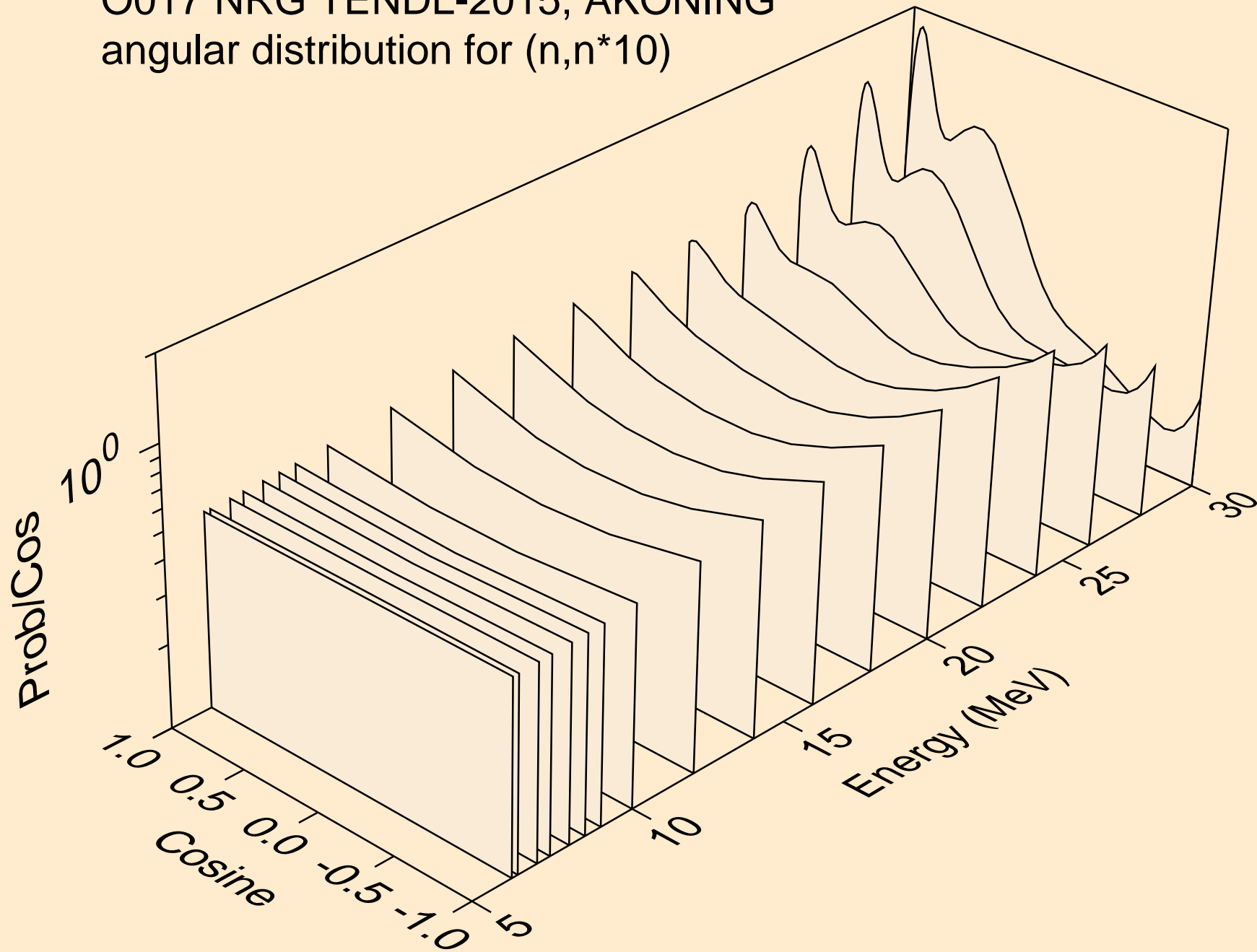
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angular distribution for (n,n\*8)



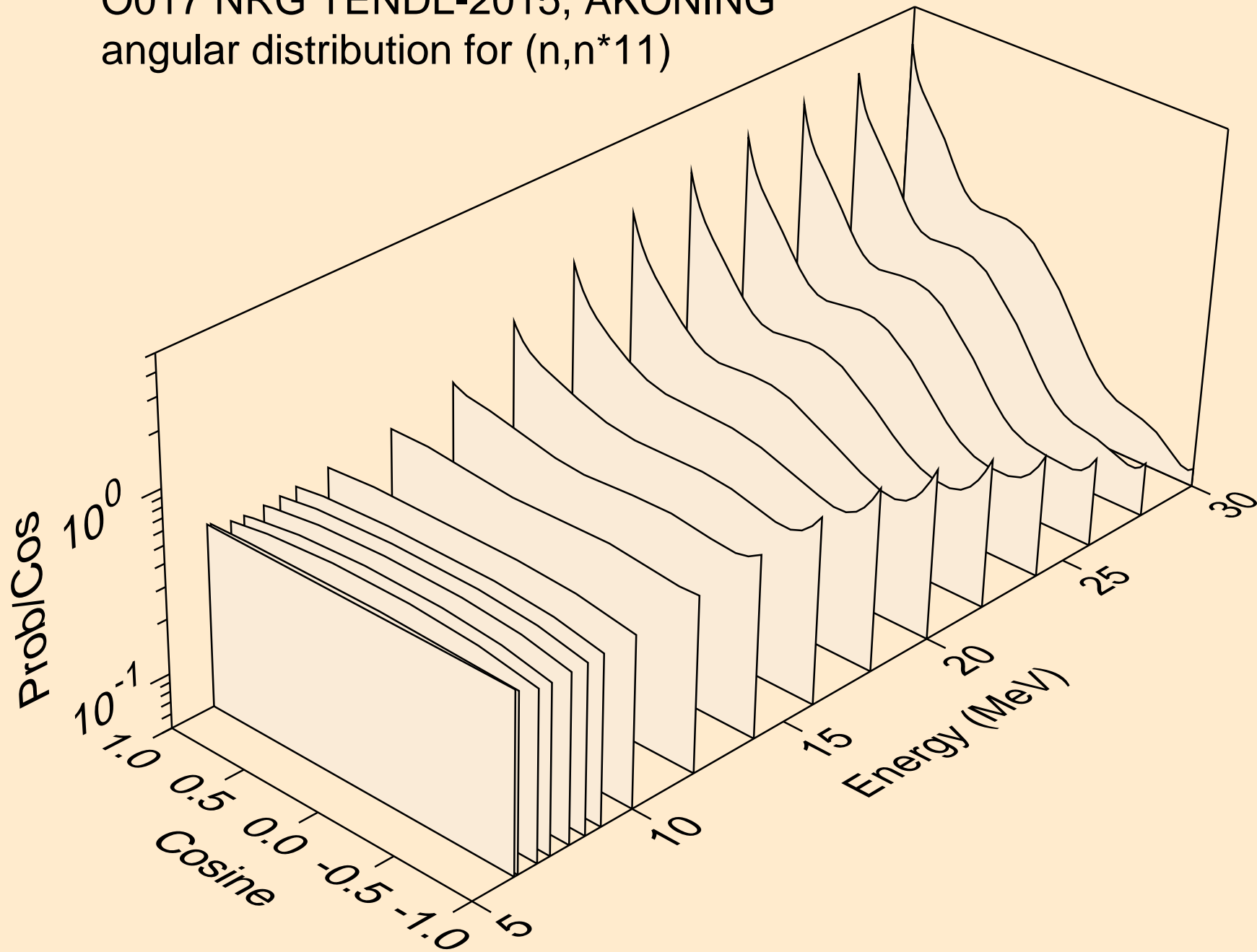
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angular distribution for (n,n\*9)



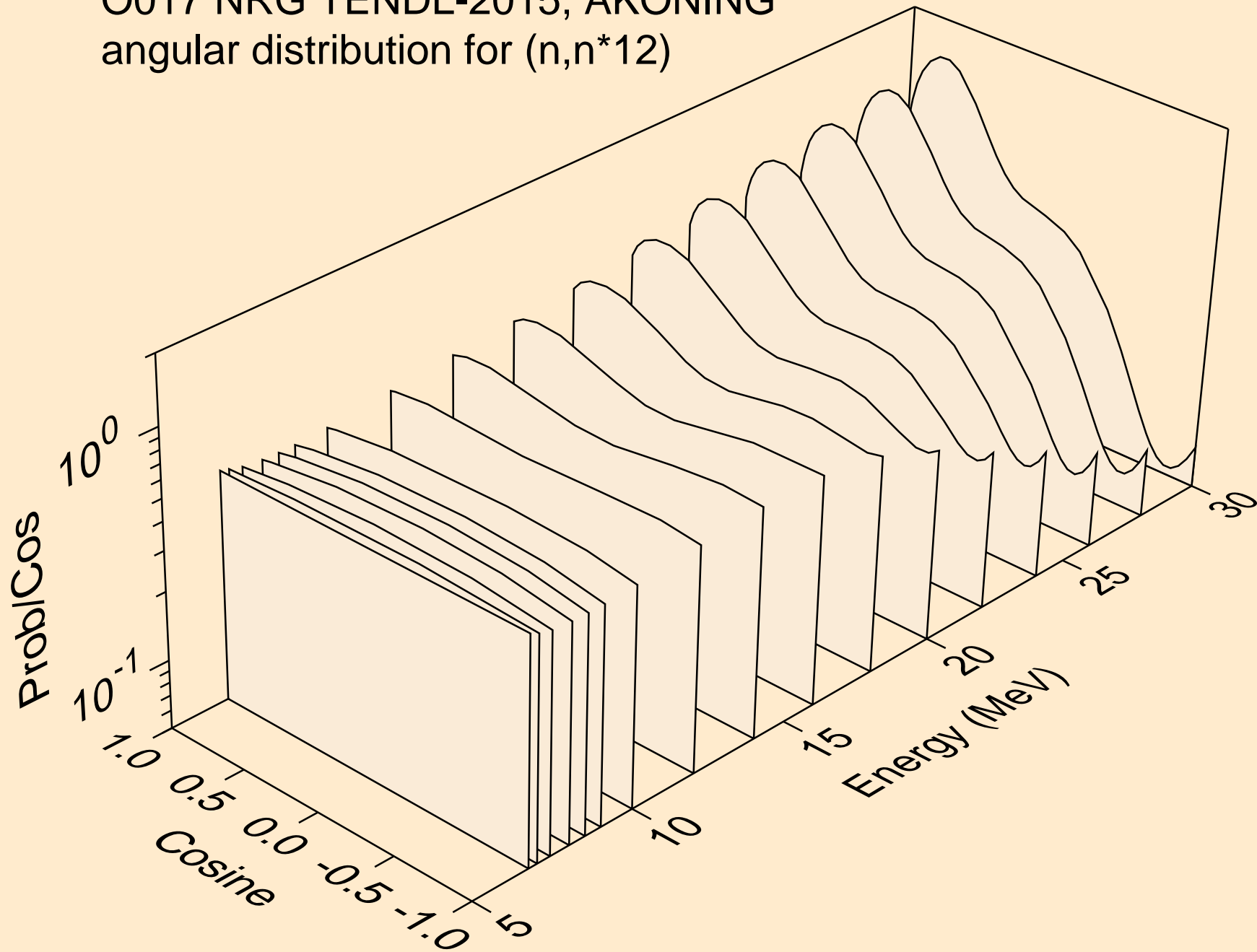
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angular distribution for (n,n\*10)



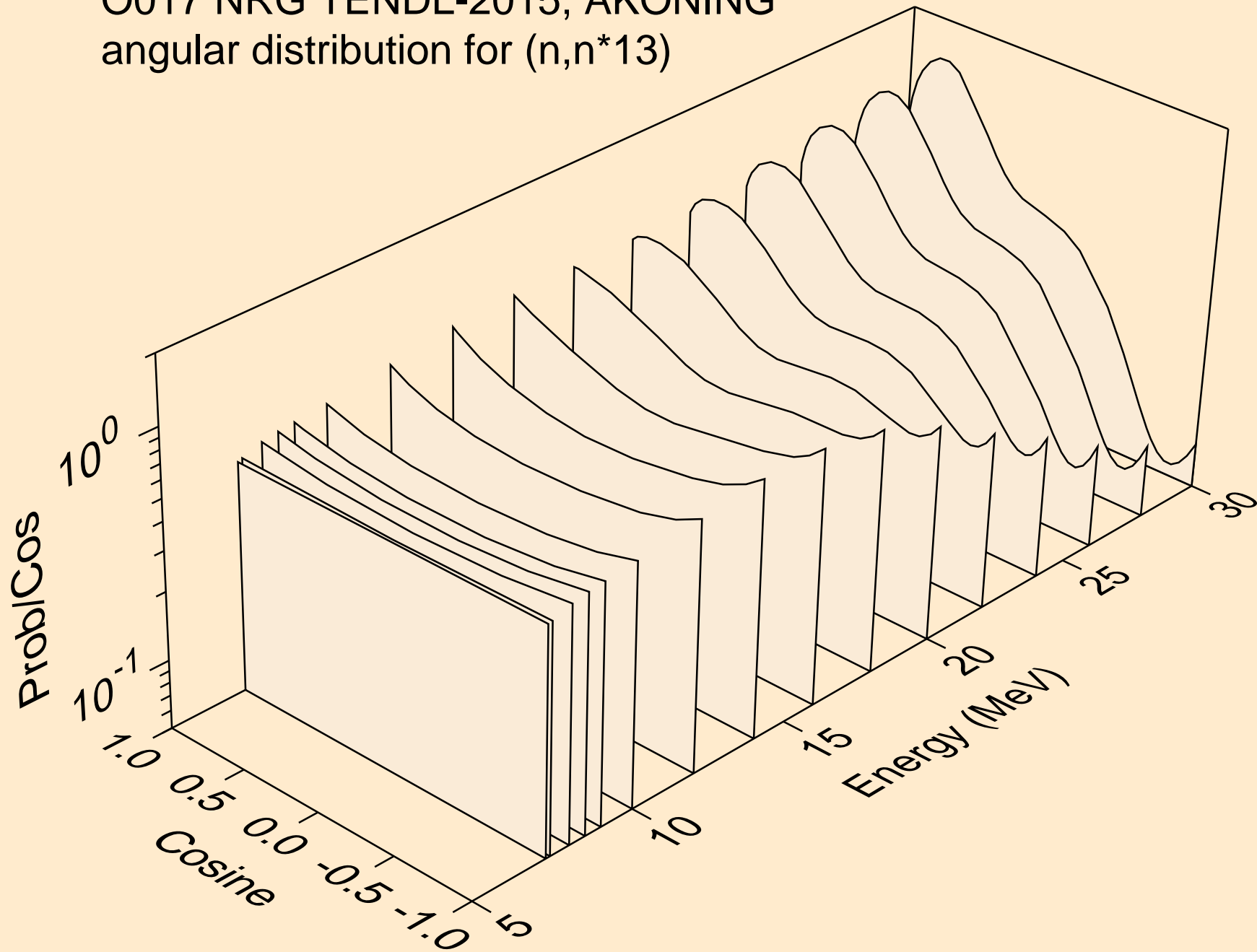
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angular distribution for (n,n\*11)



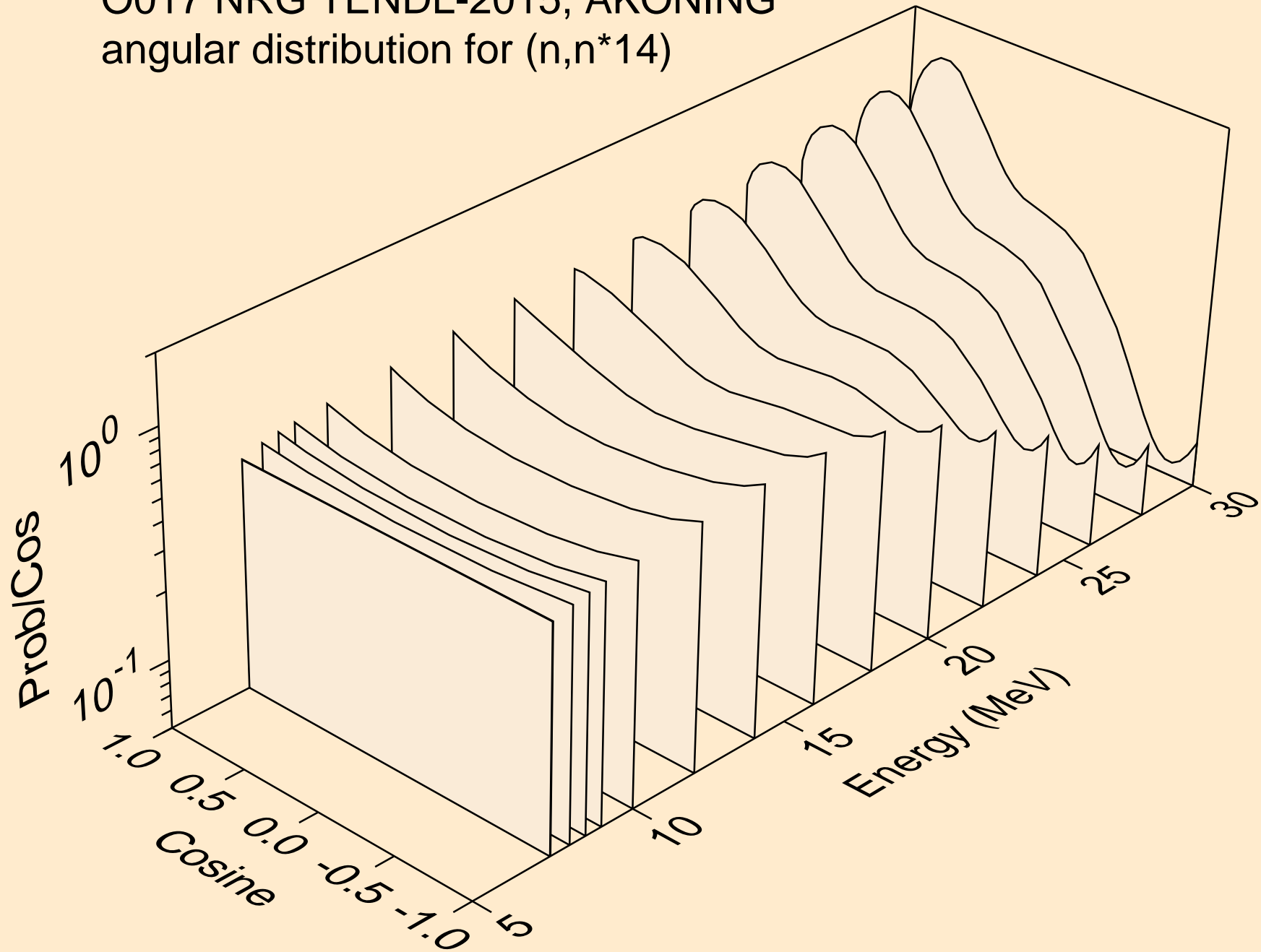
O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

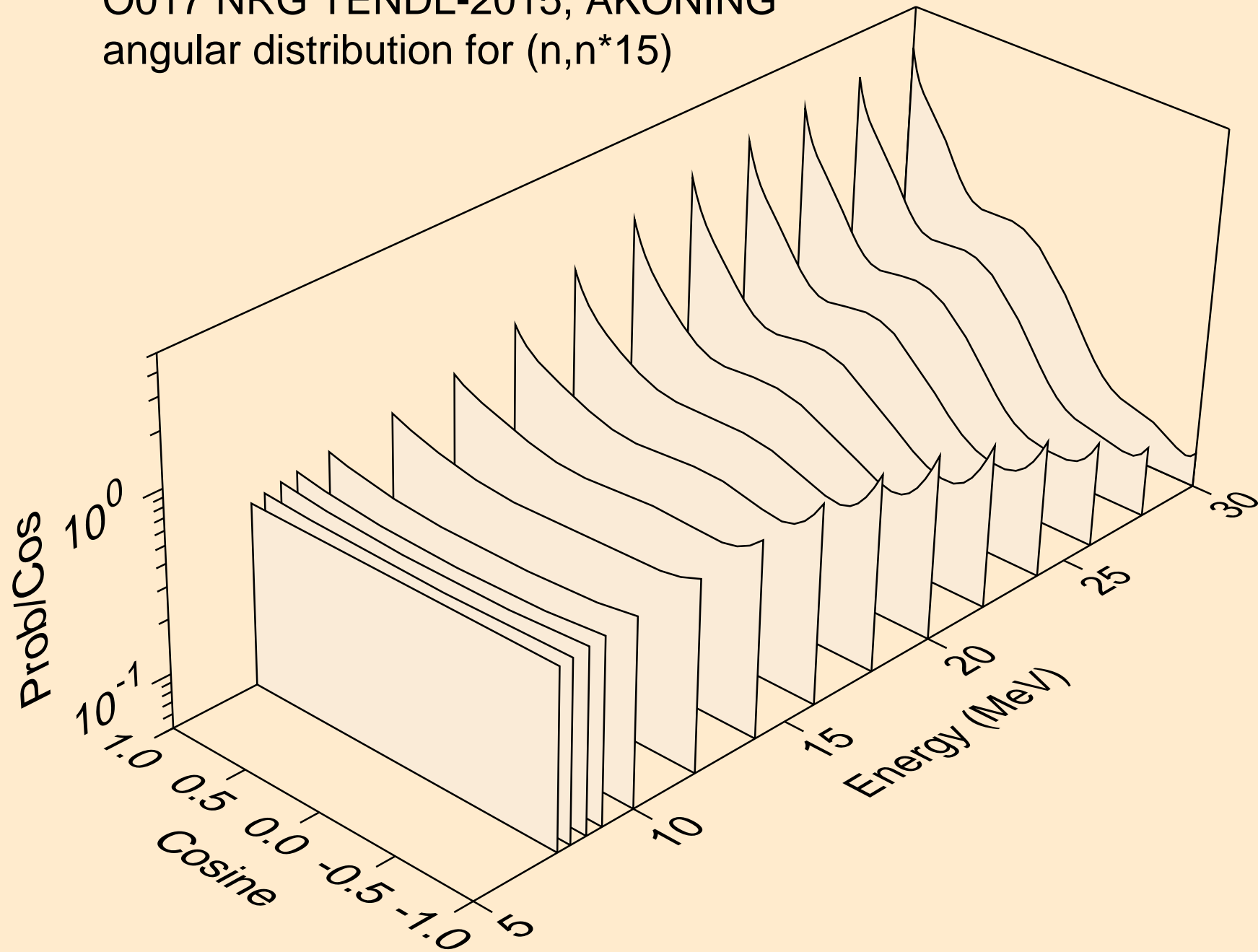


O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

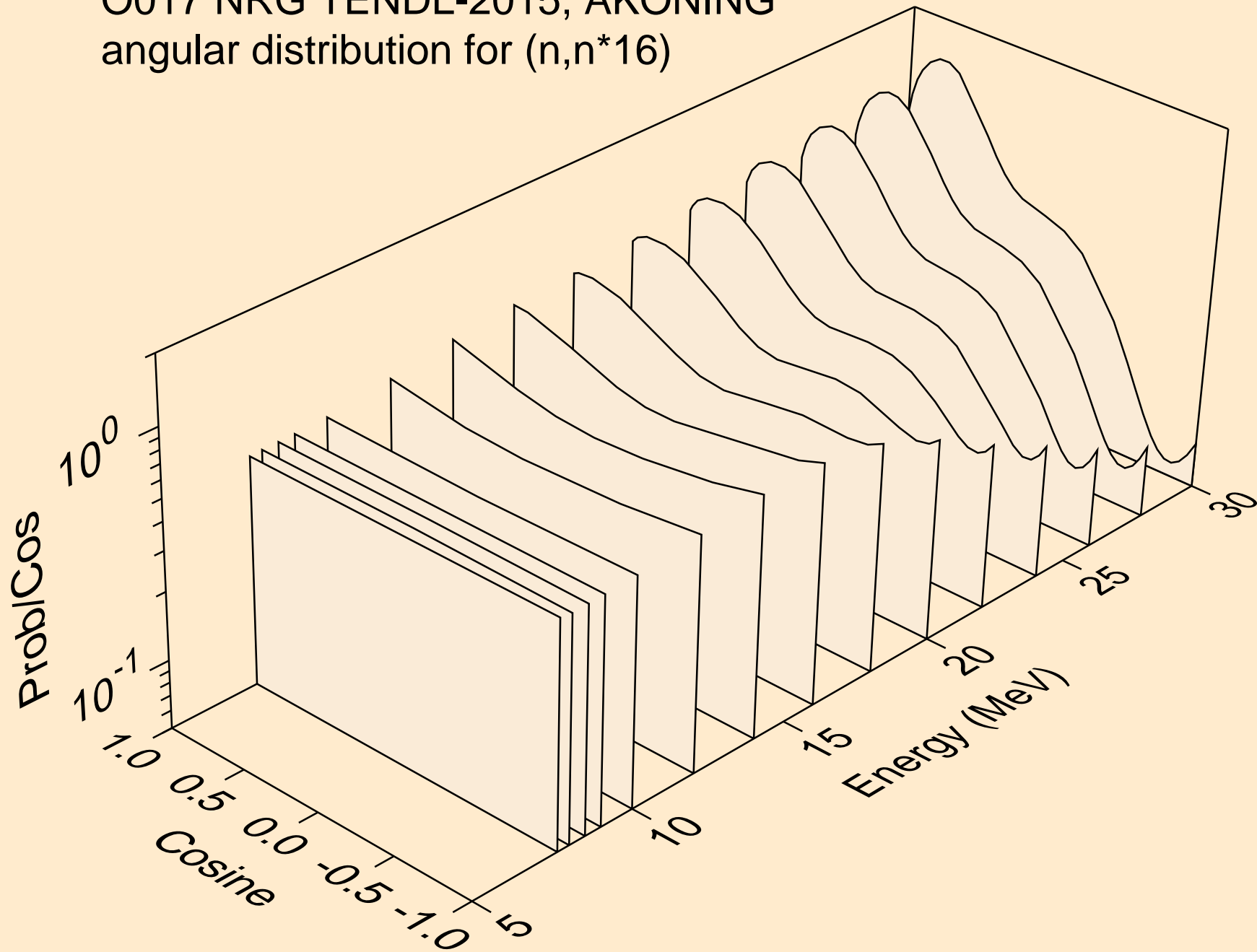




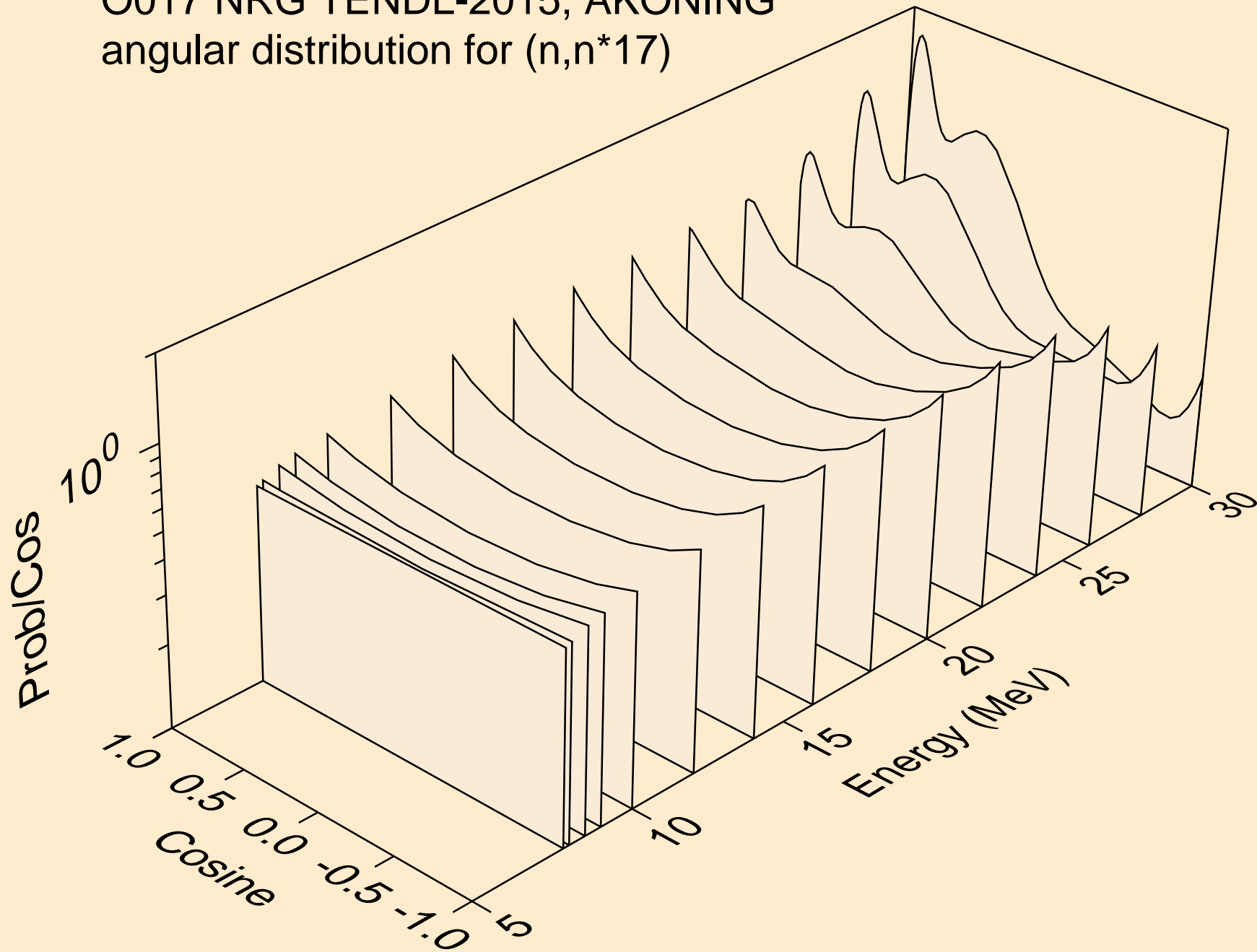
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angular distribution for (n,n\*15)



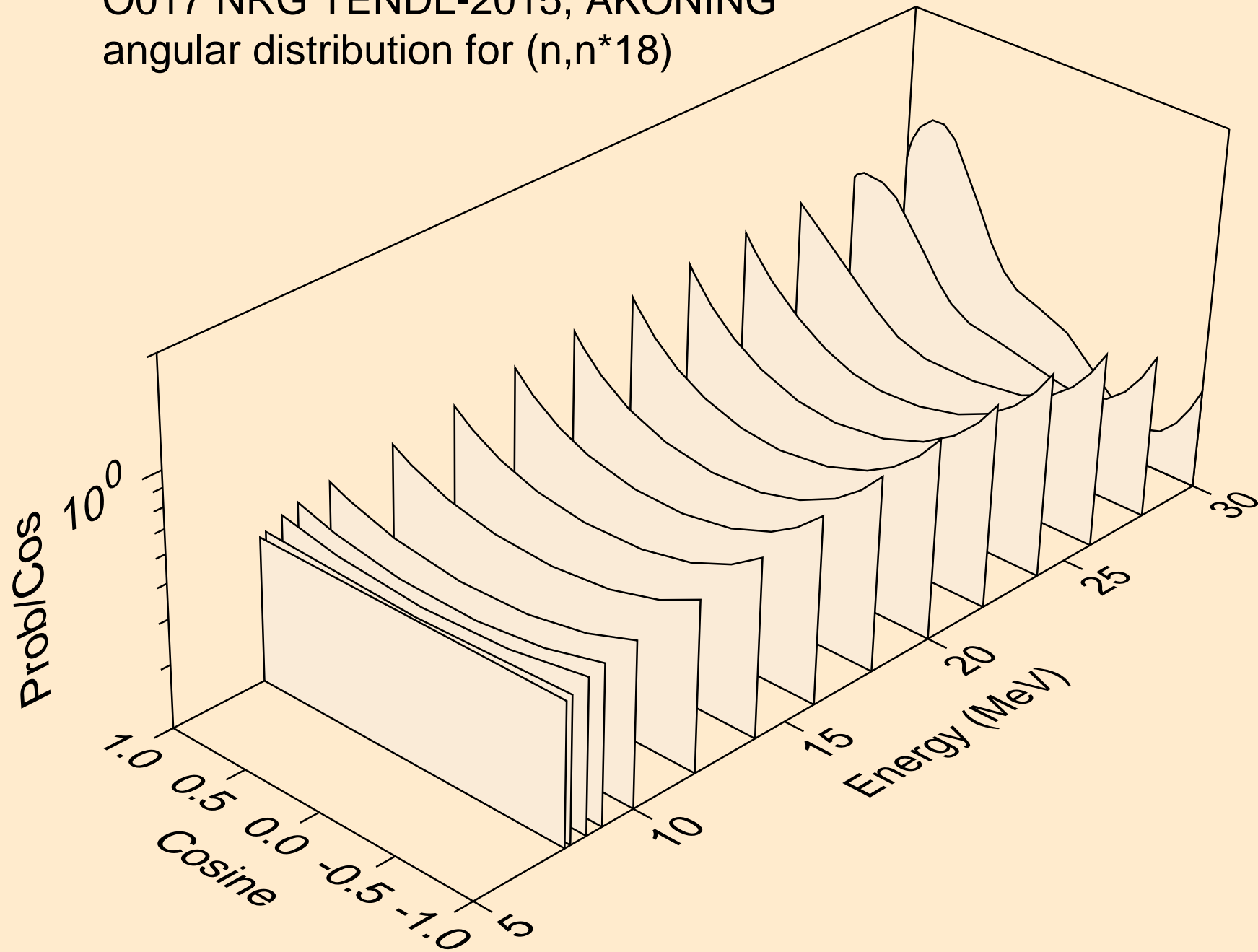
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angular distribution for (n,n\*16)



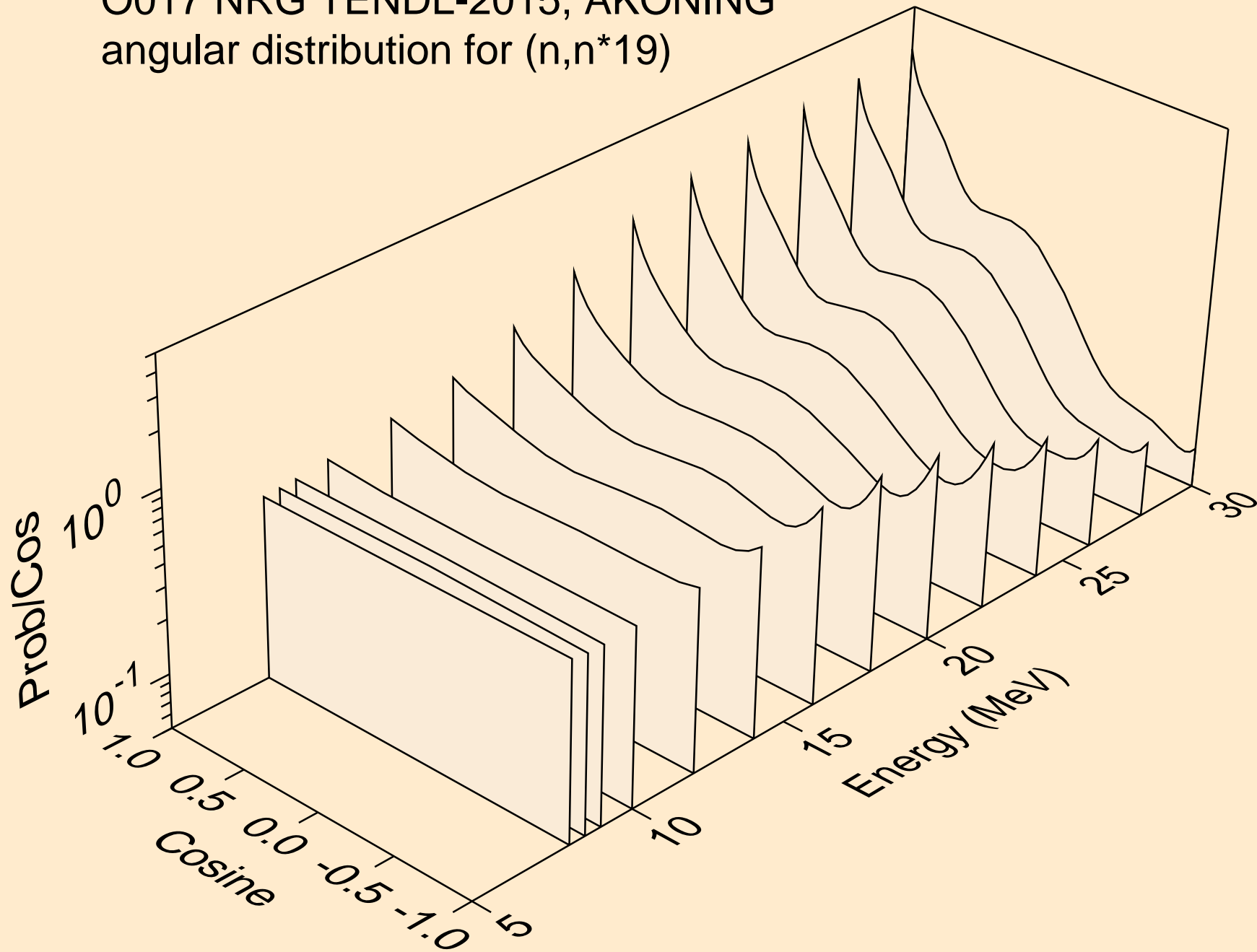
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angular distribution for (n,n\*17)



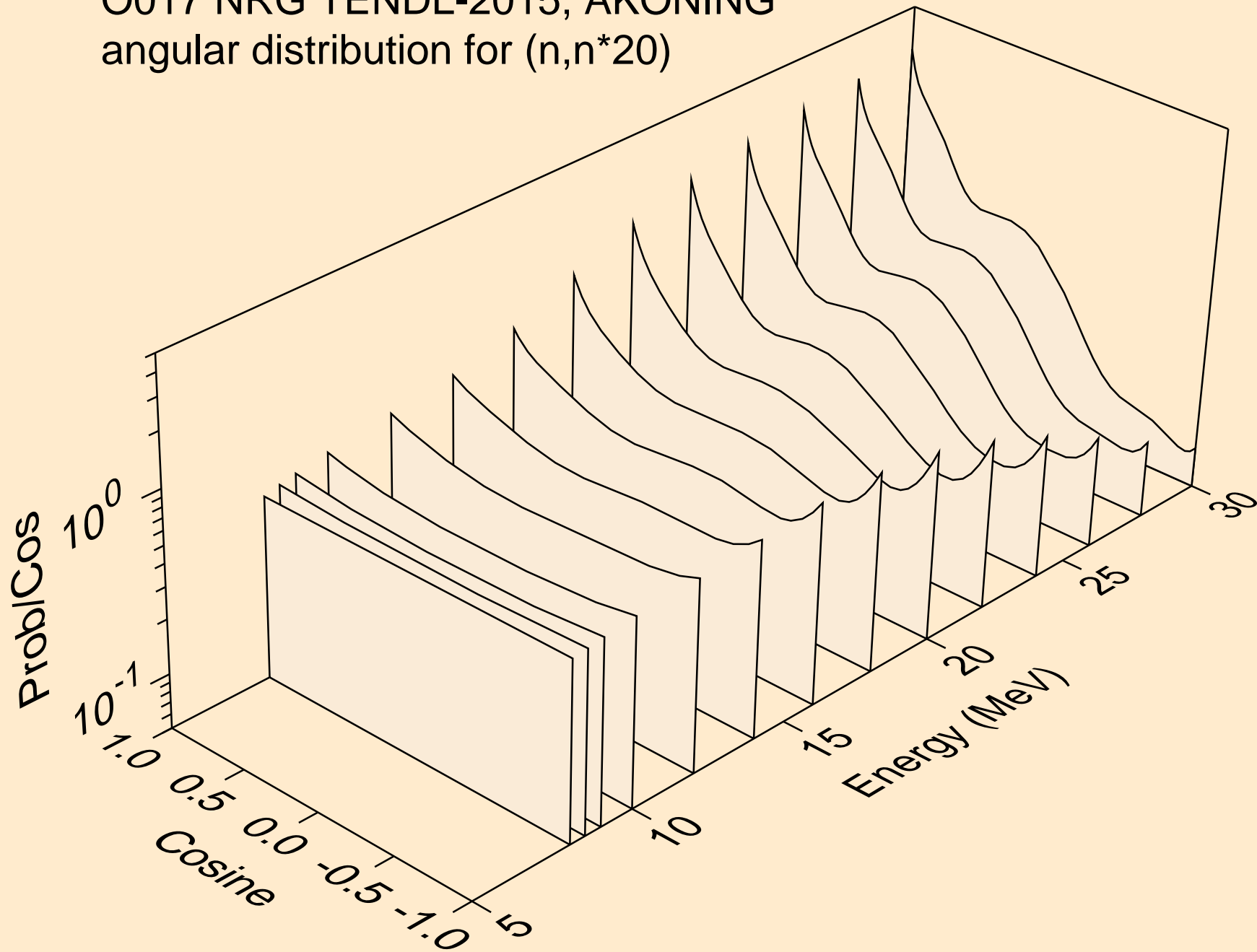
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angular distribution for (n,n\*18)



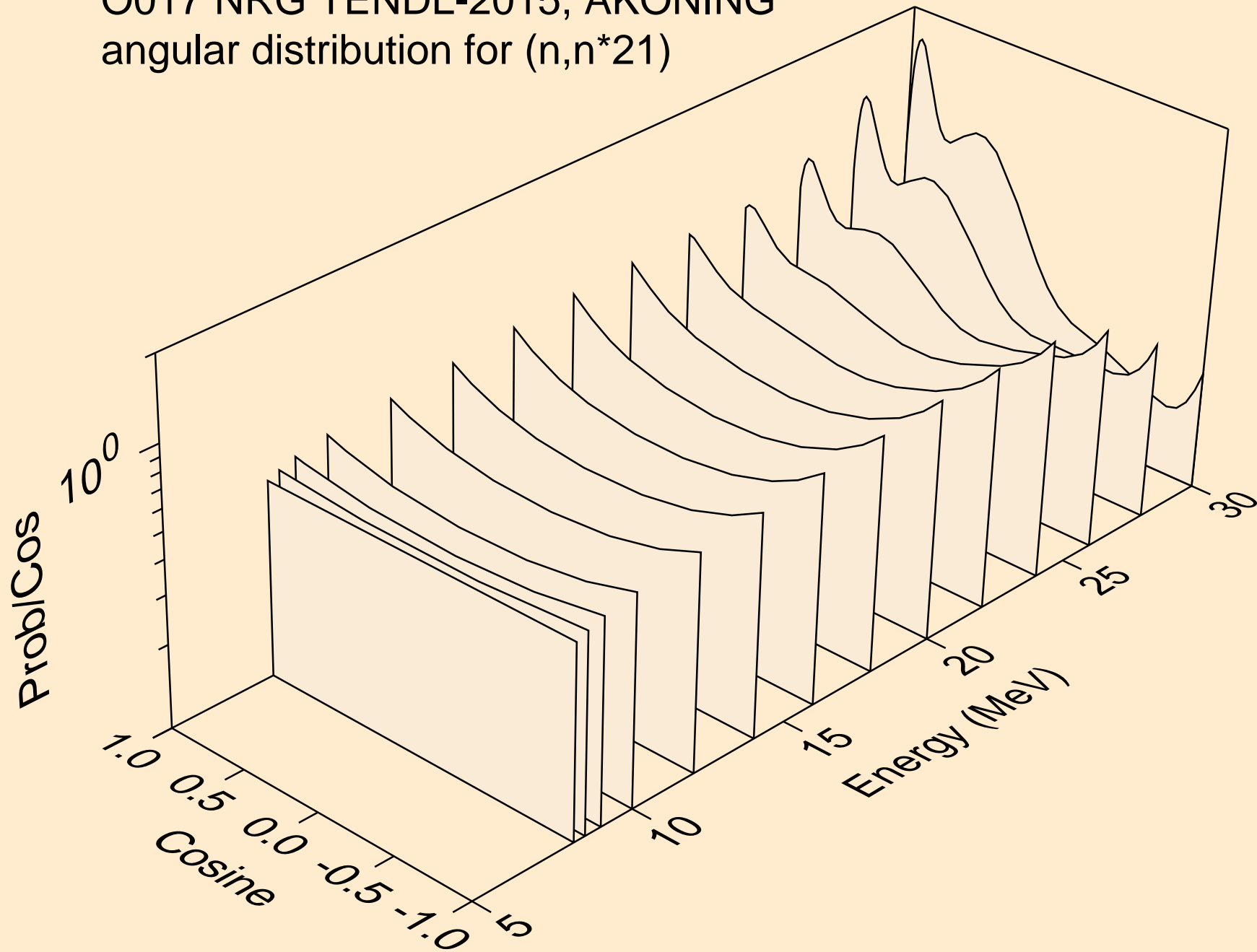
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angular distribution for (n,n\*19)



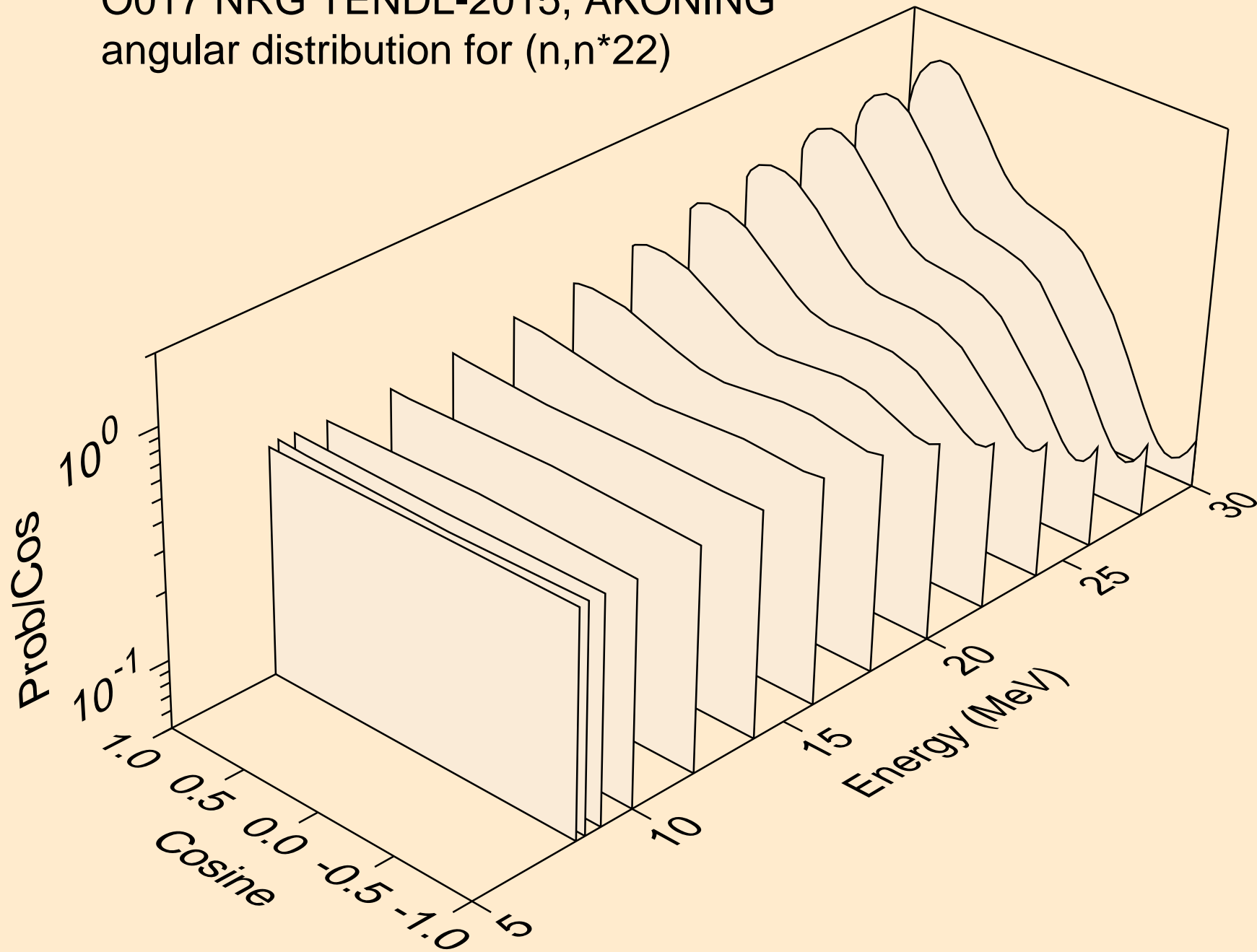
O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

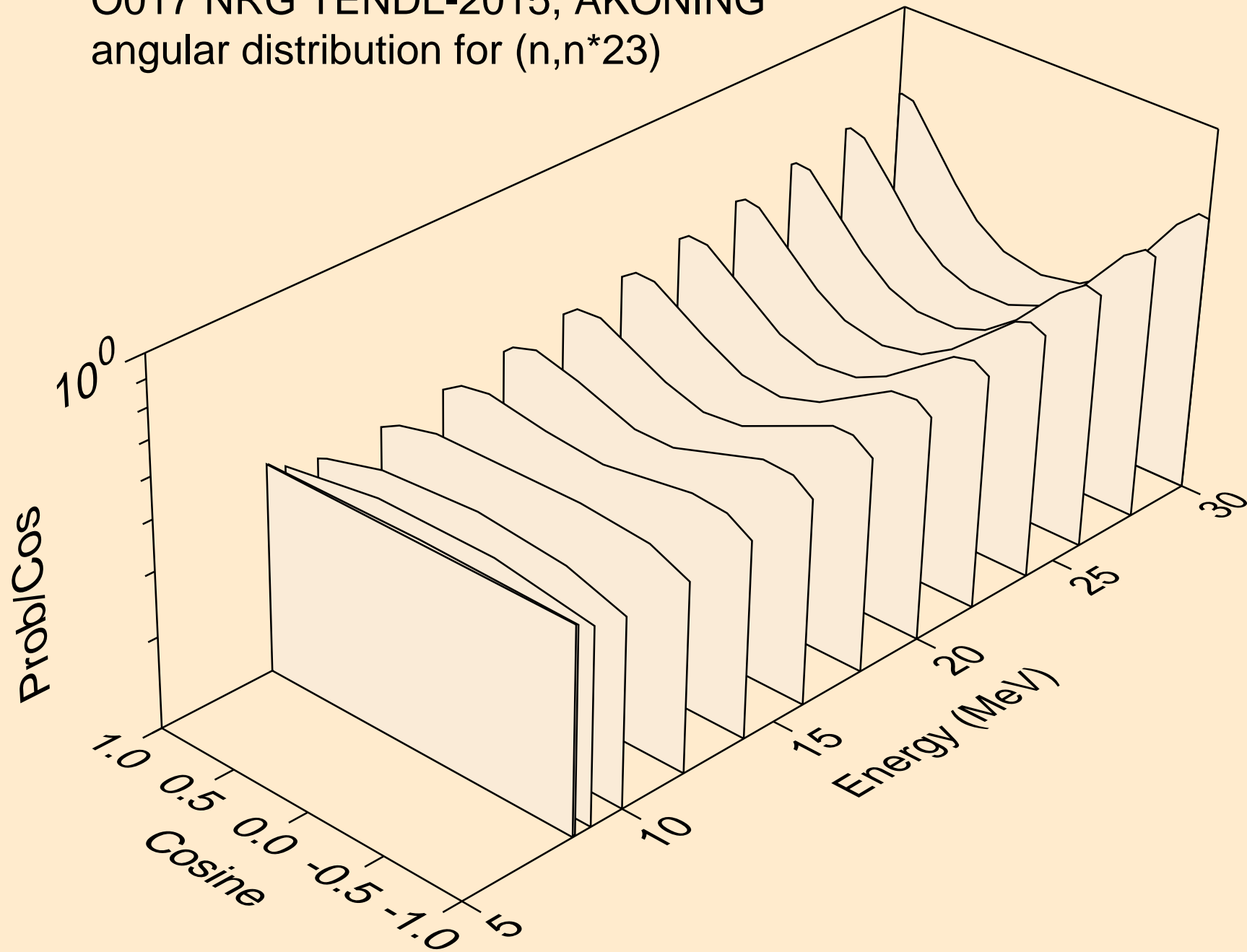


O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

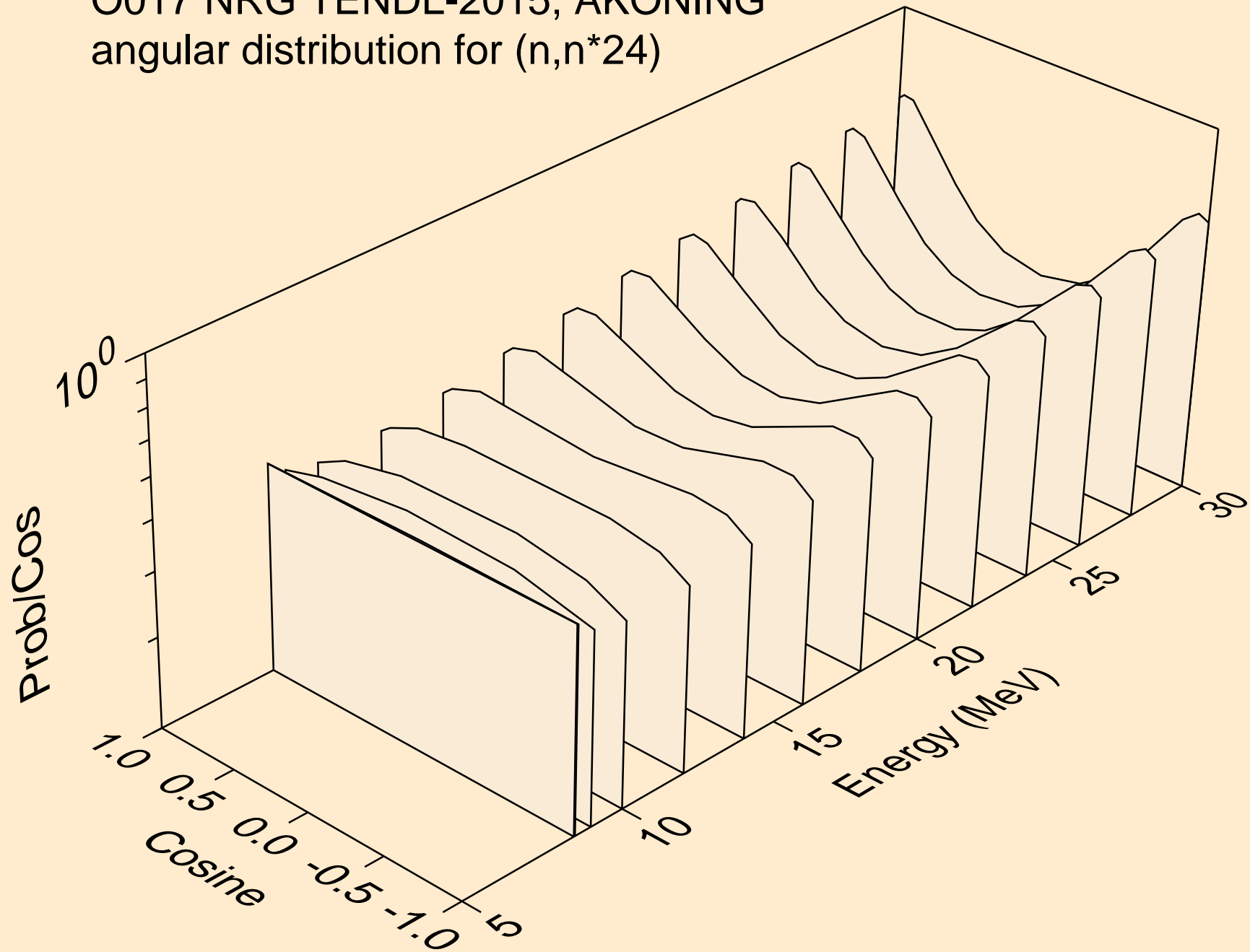




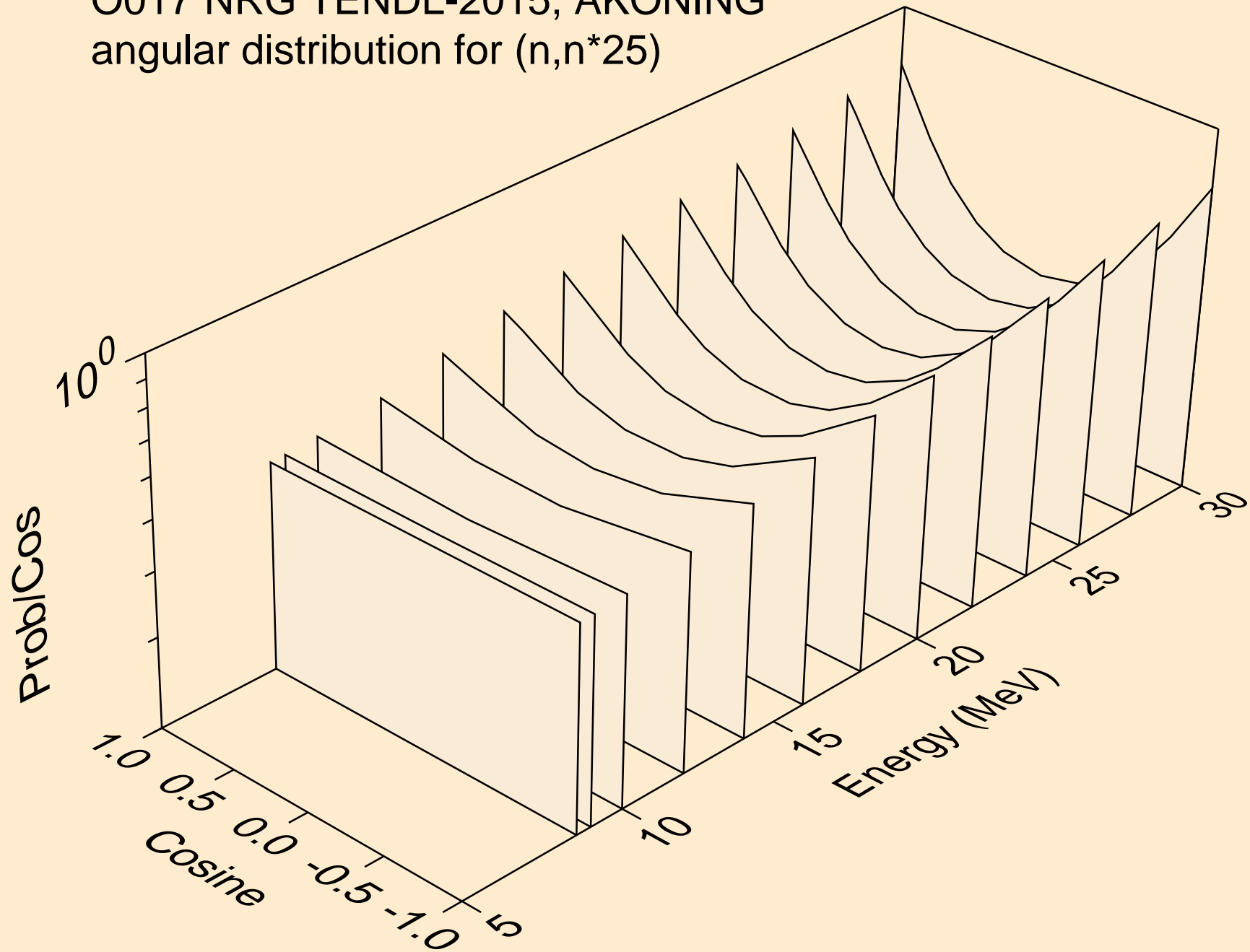
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angular distribution for (n,n\*23)



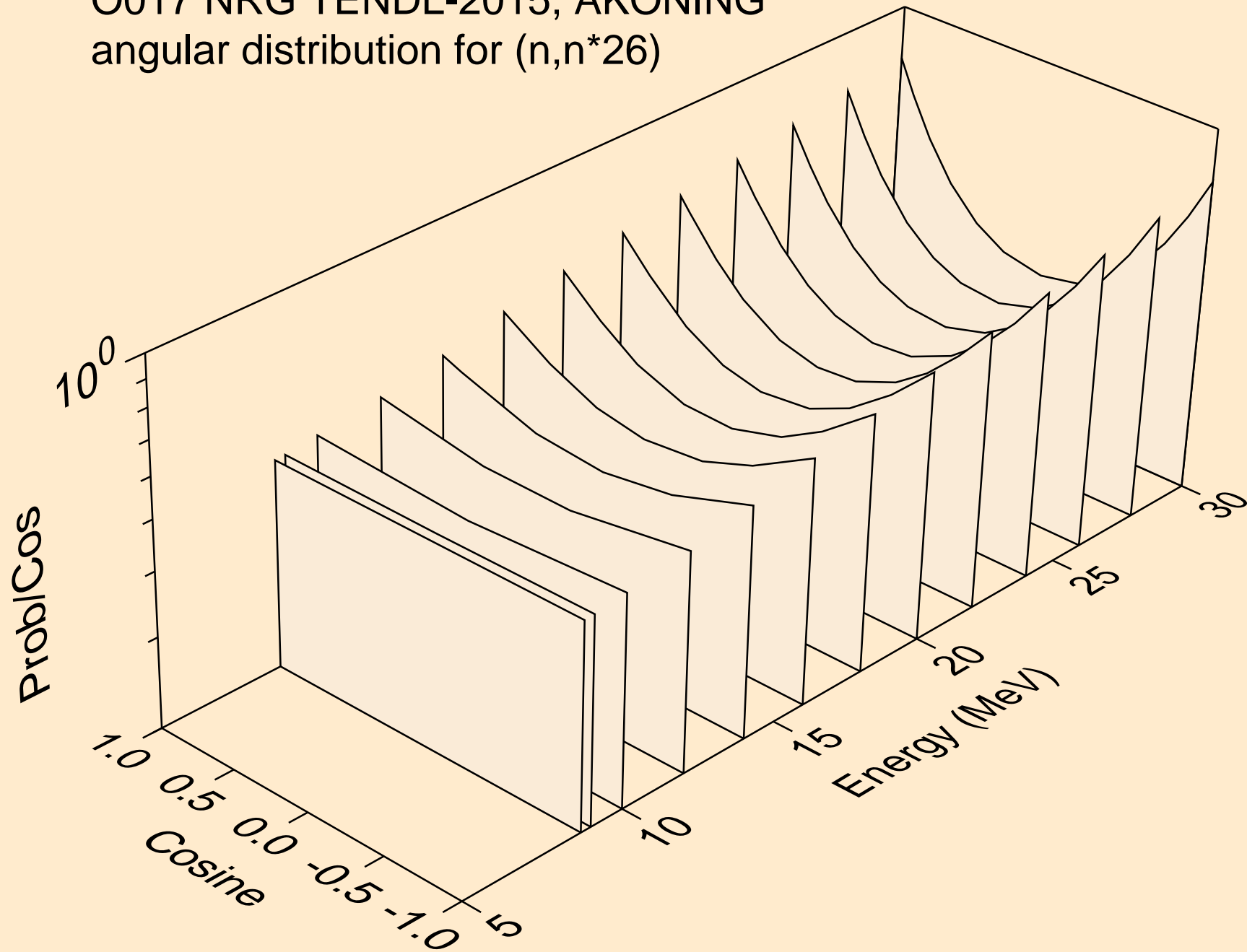
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angular distribution for (n,n\*24)



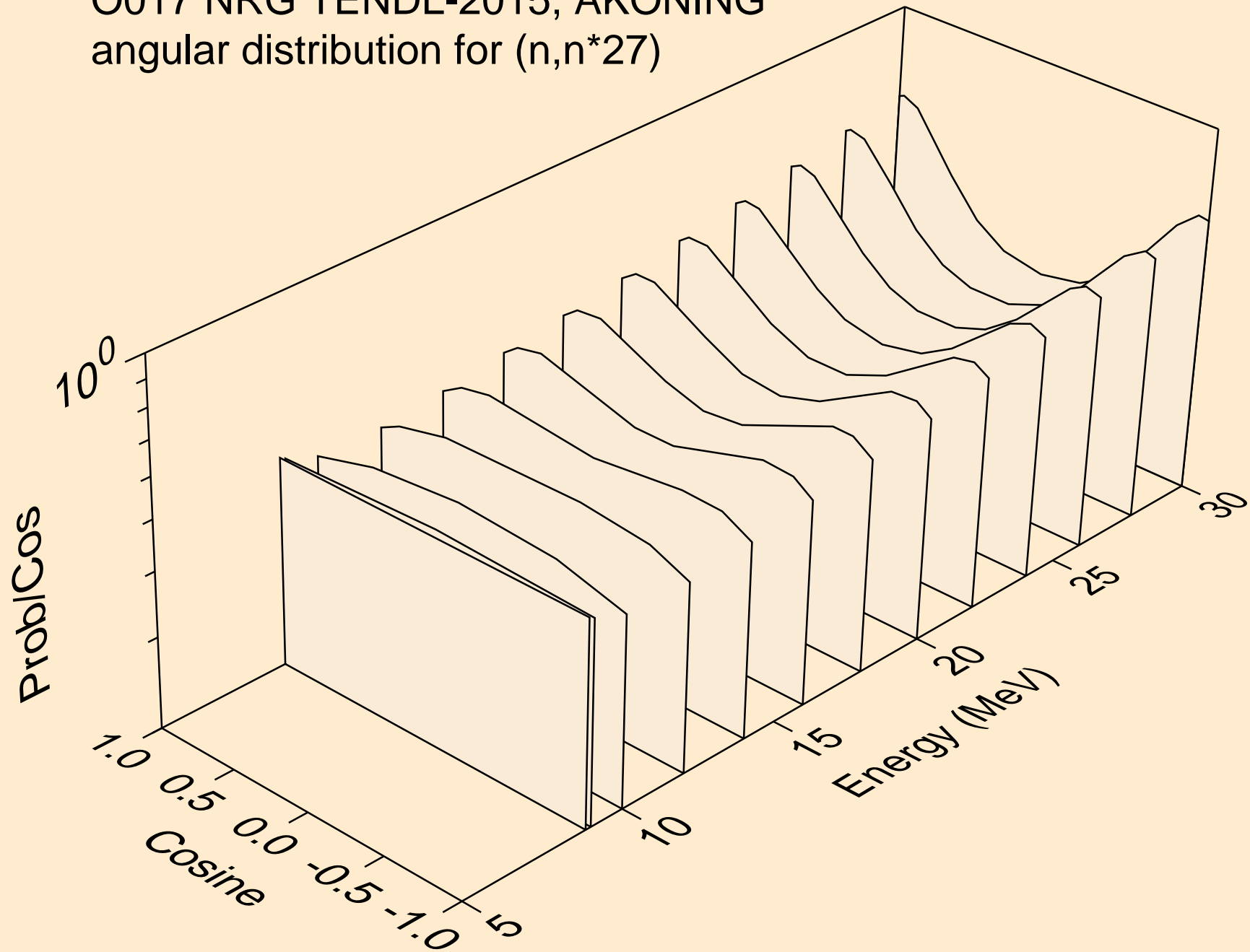
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angular distribution for (n,n\*25)



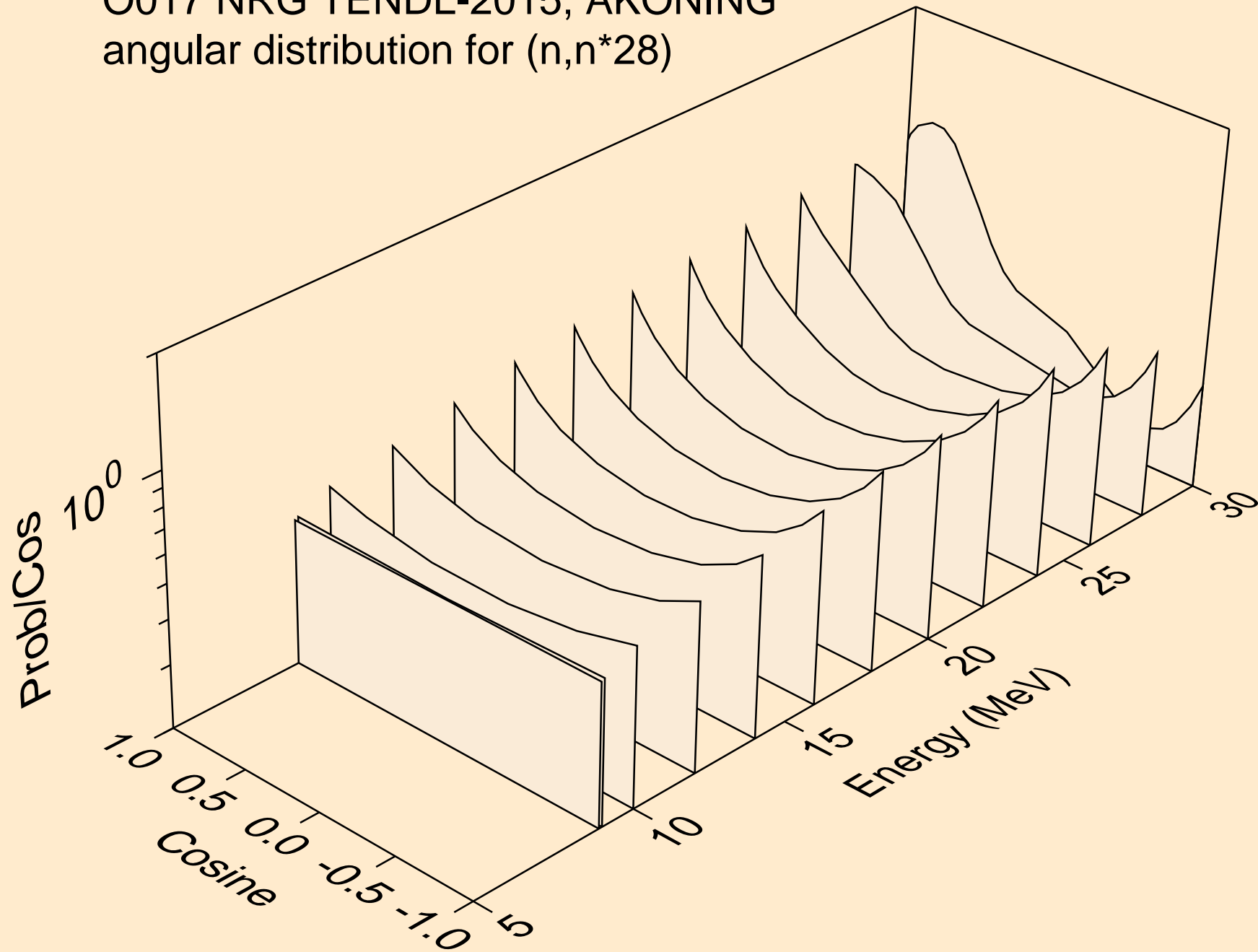
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angular distribution for (n,n\*26)



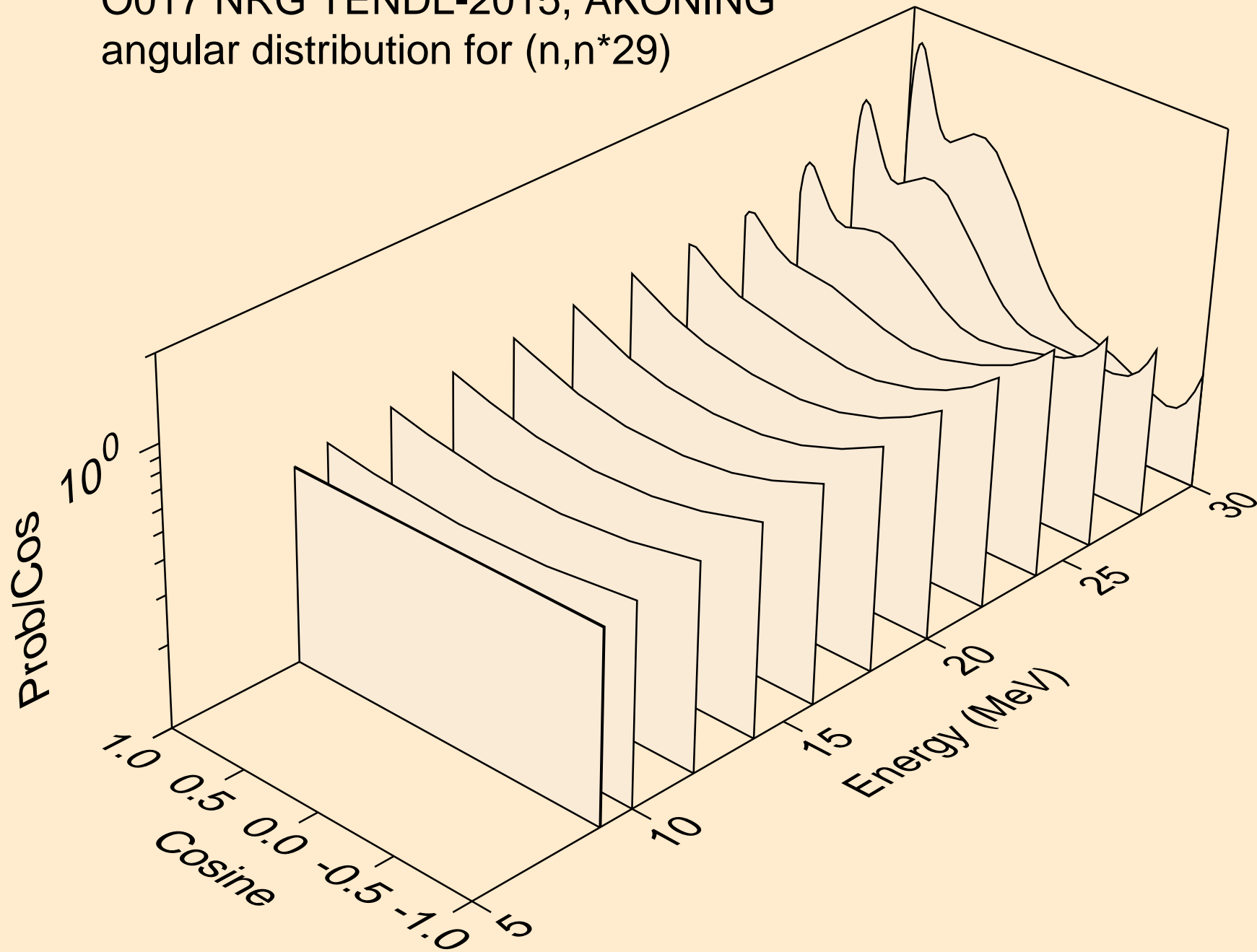
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angular distribution for (n,n\*27)



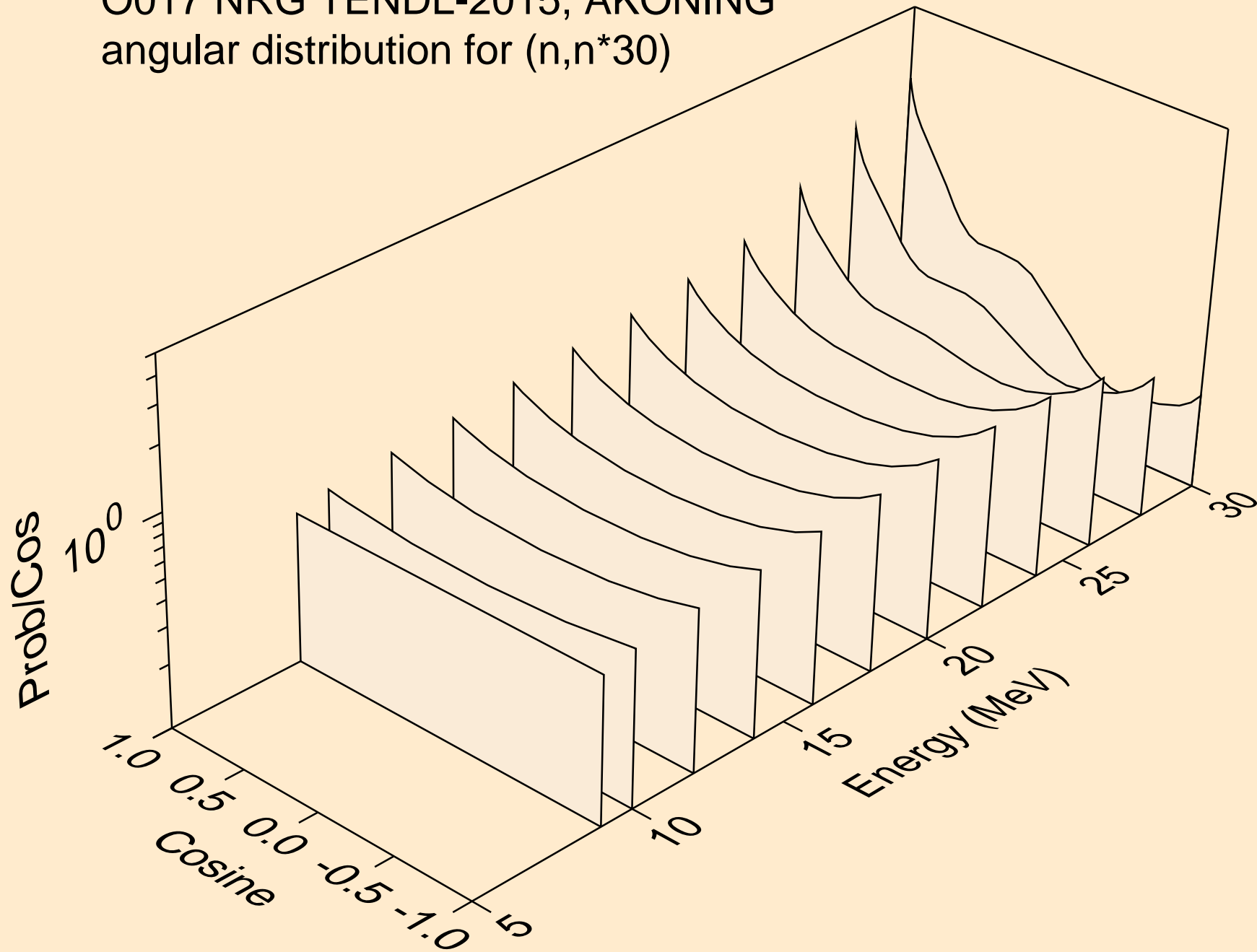
O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

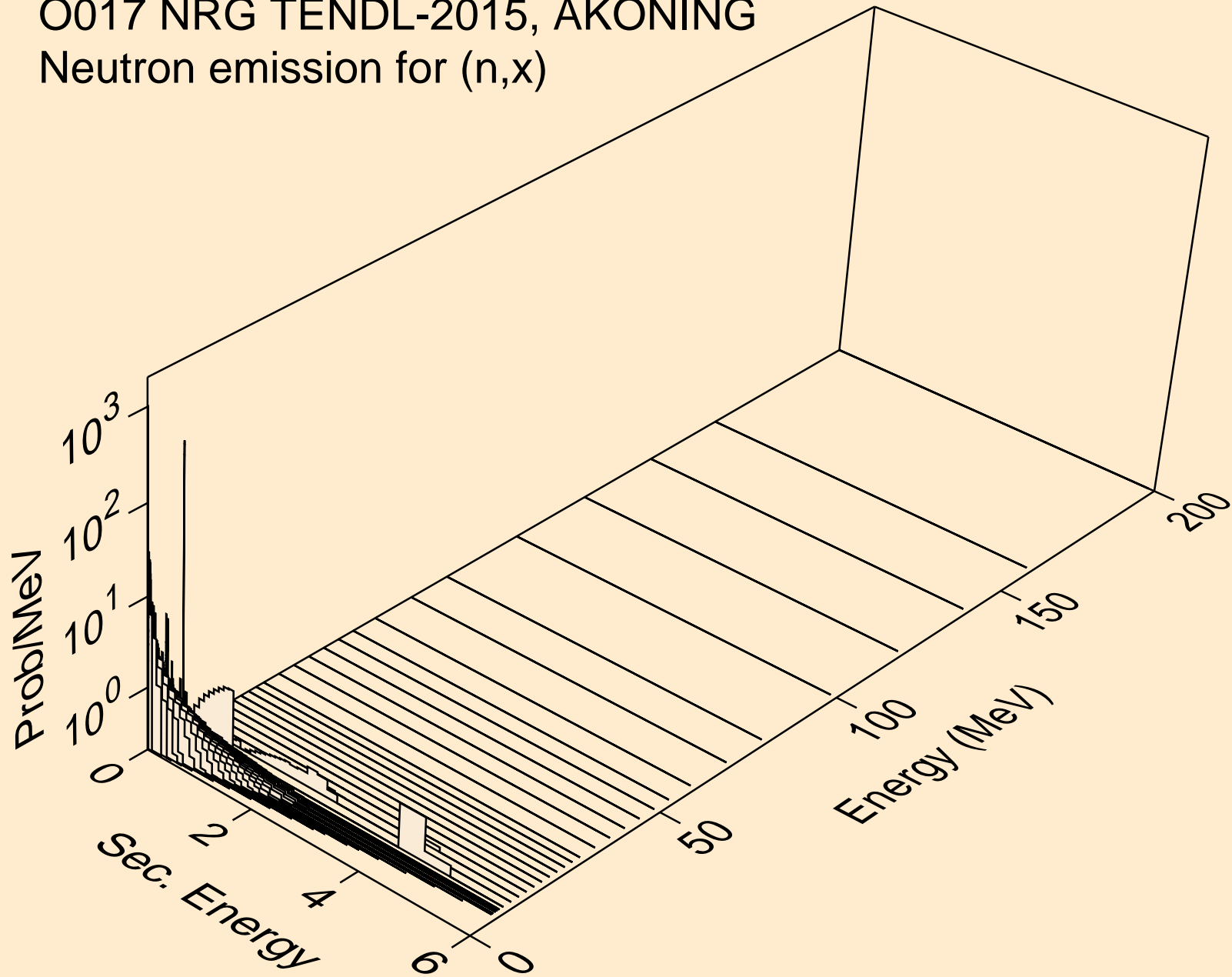


O017 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

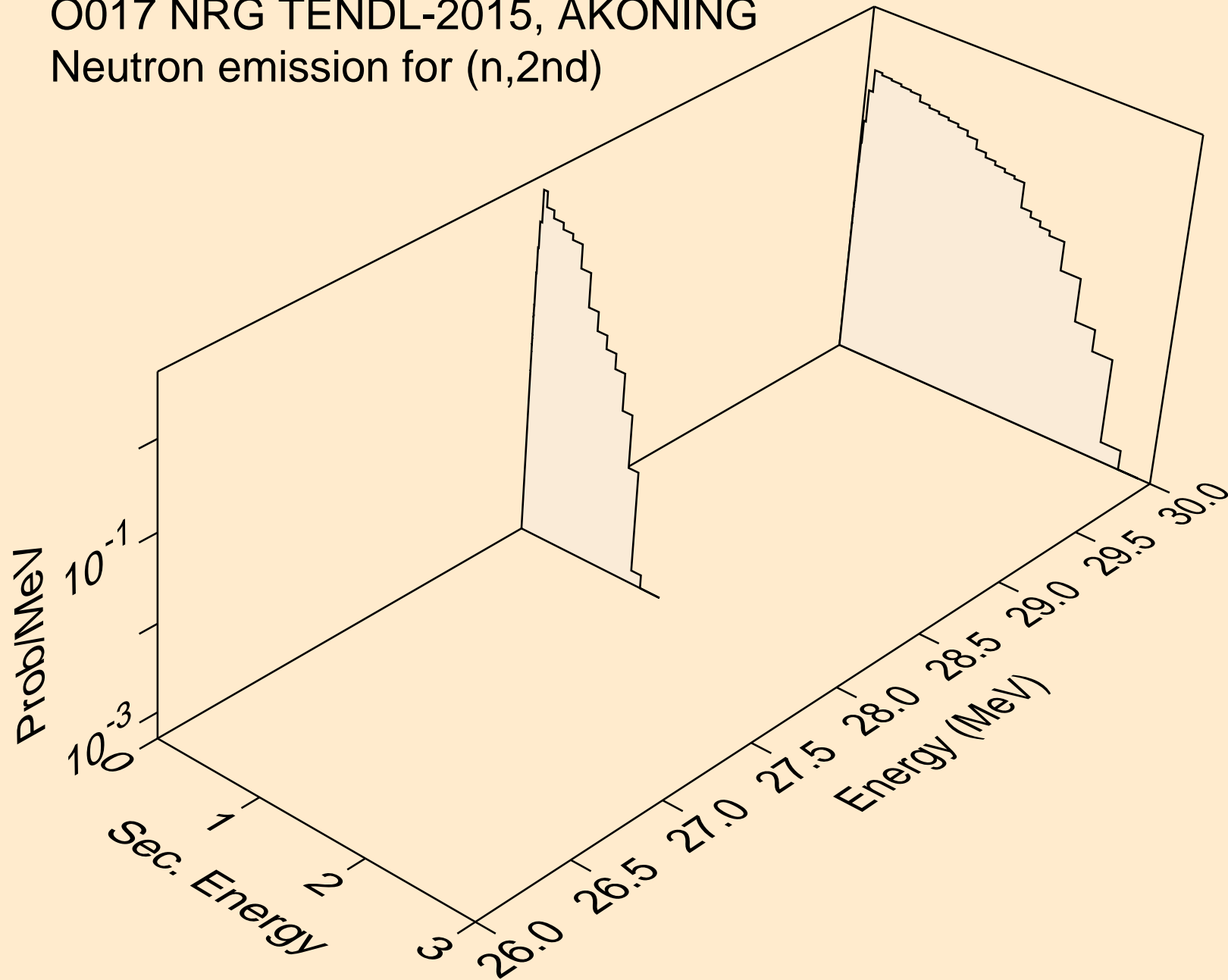




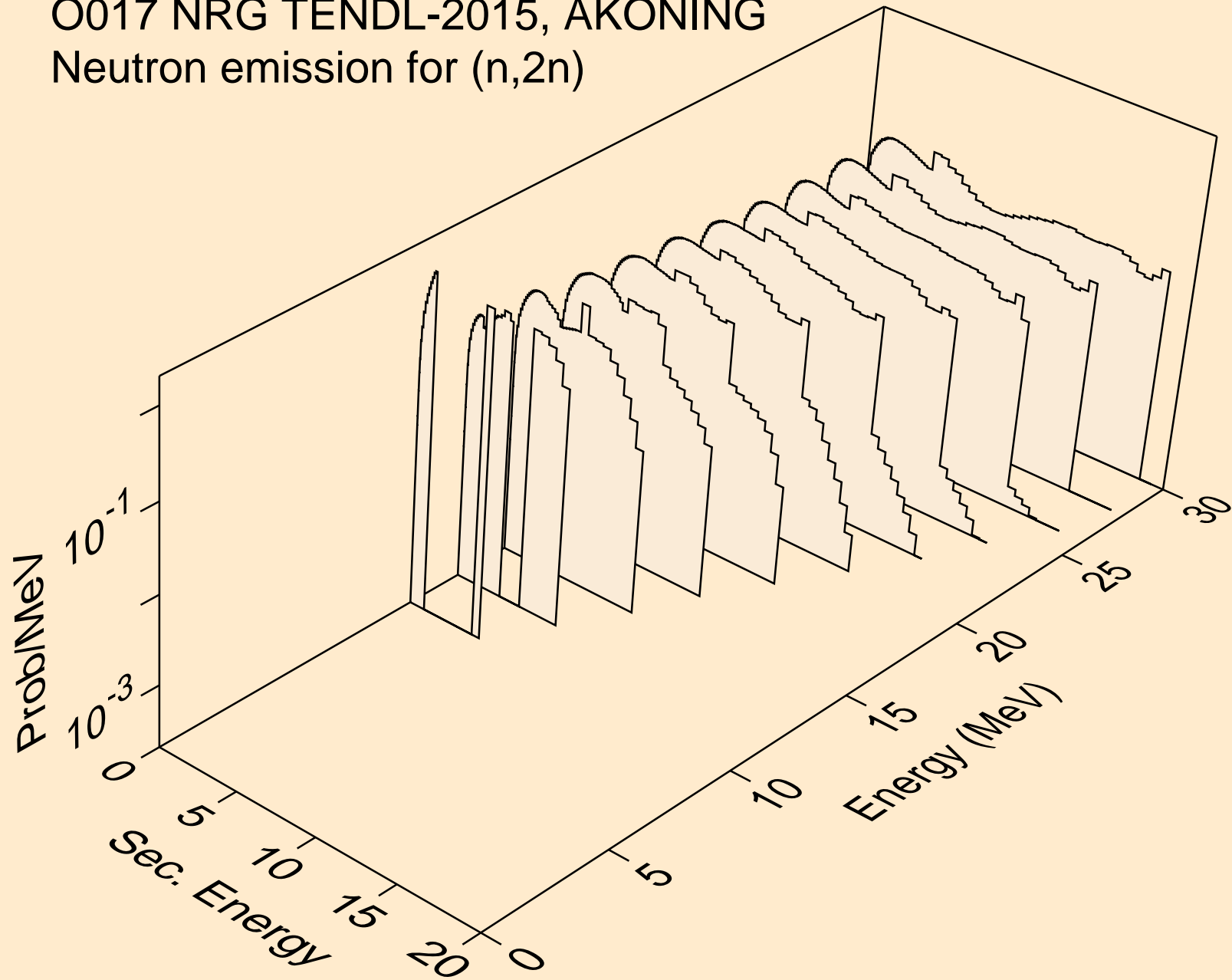
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



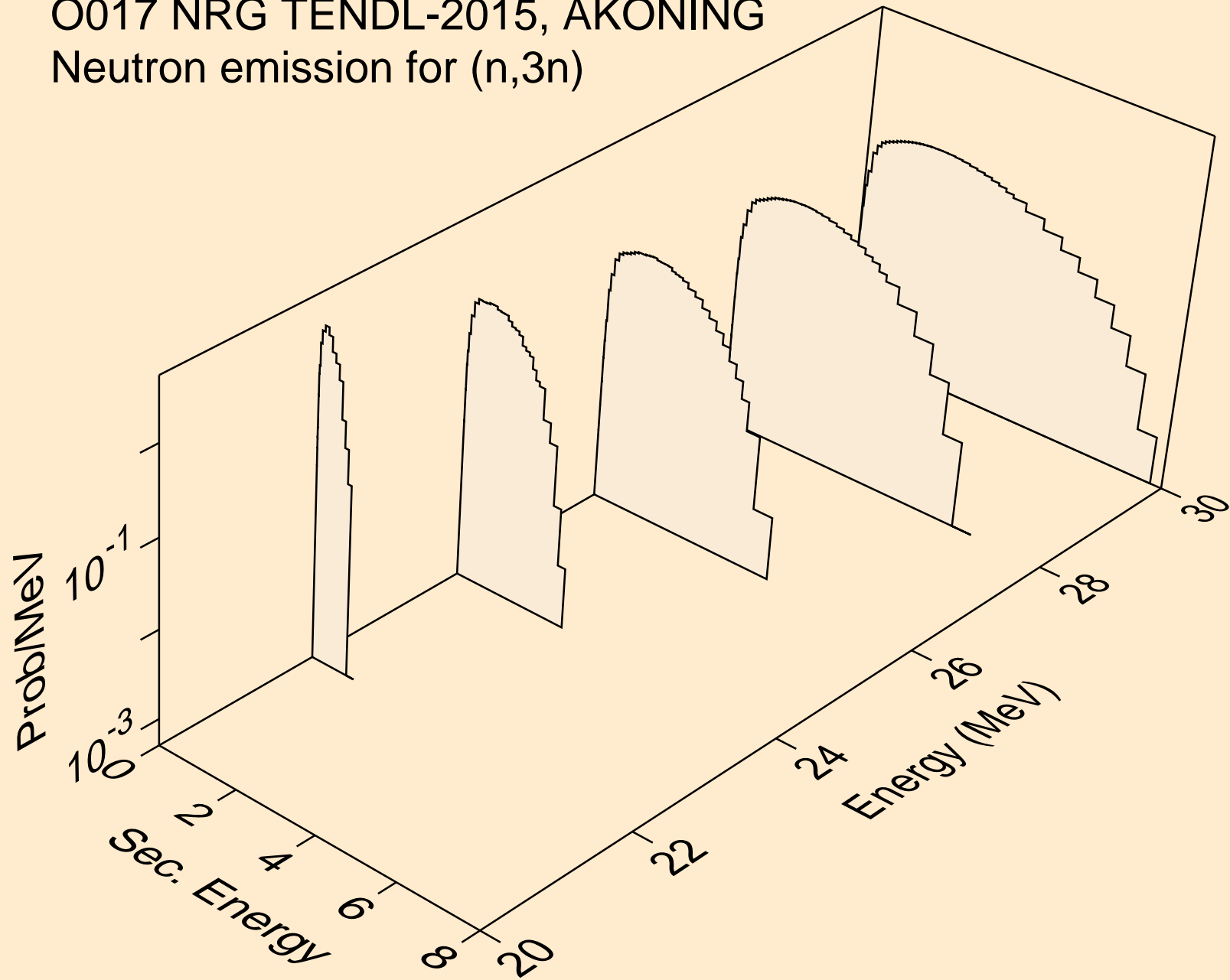
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



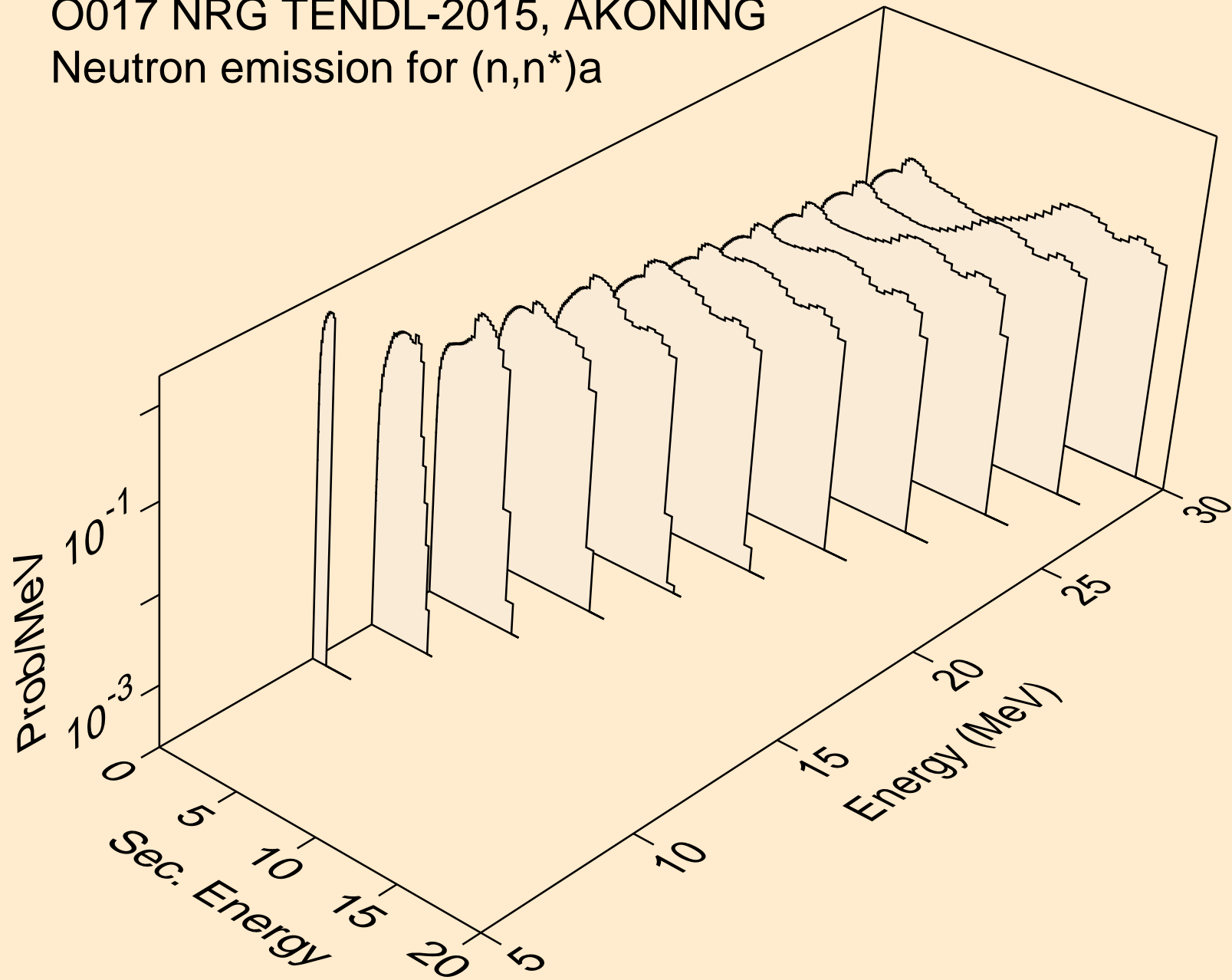
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



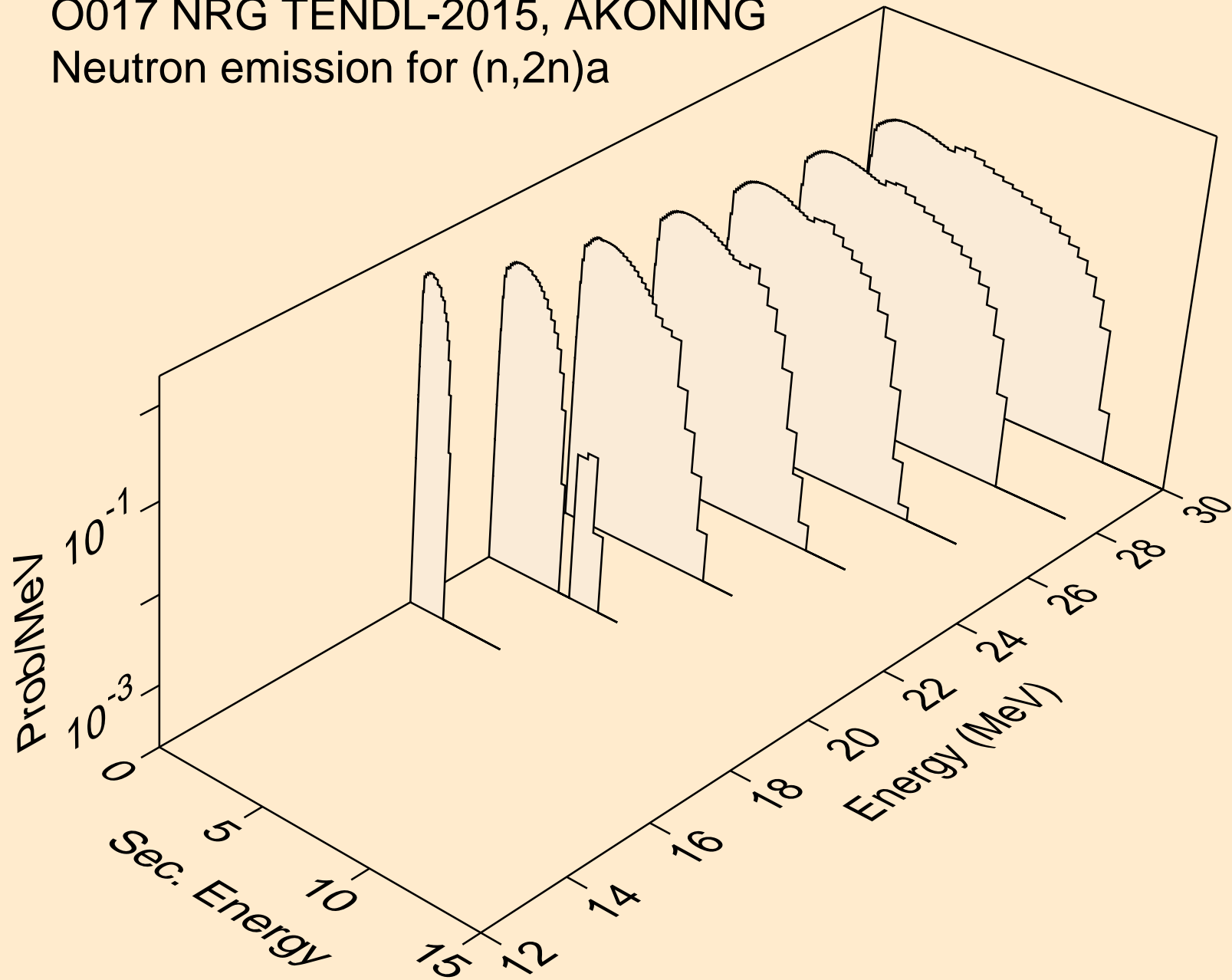
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



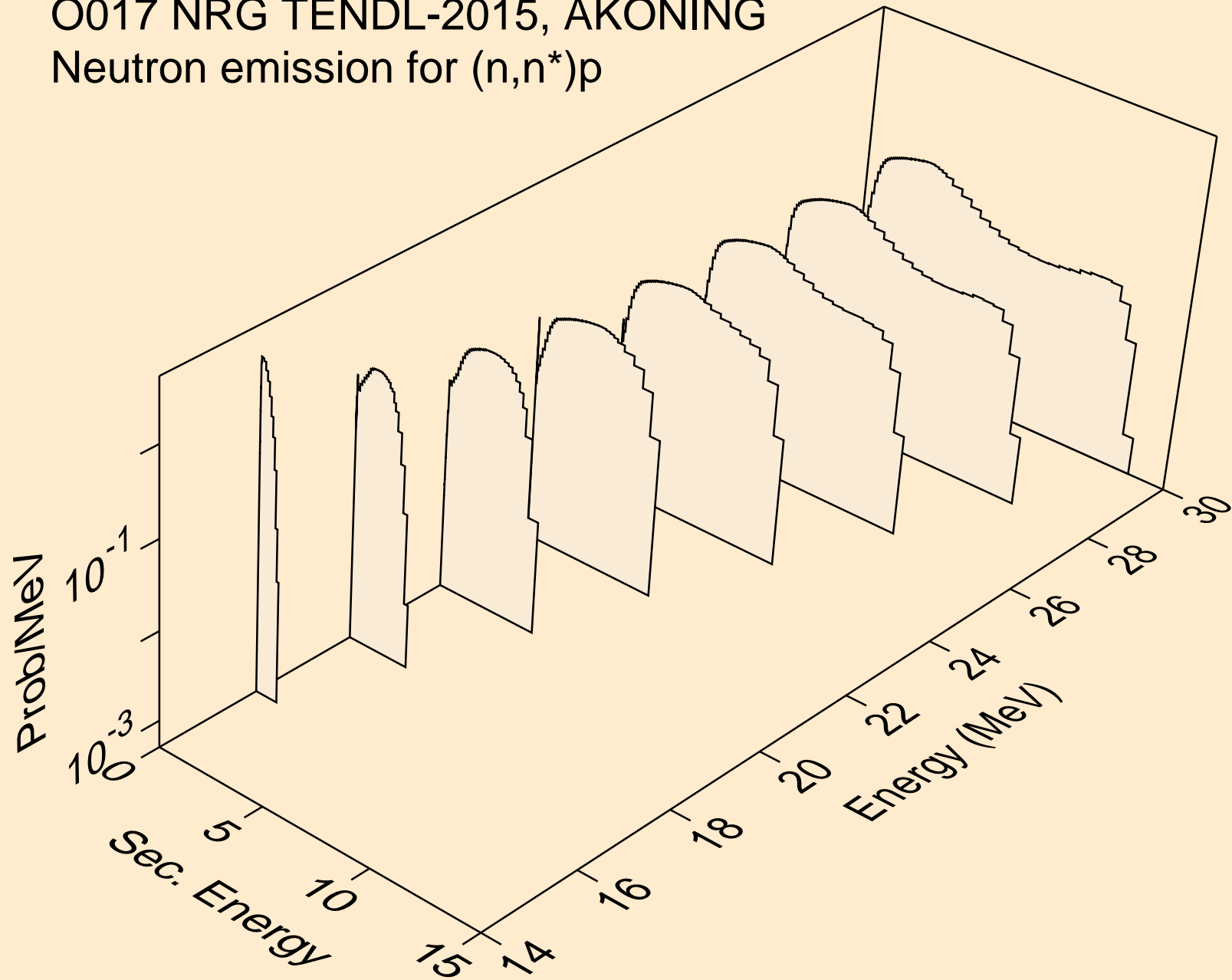
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



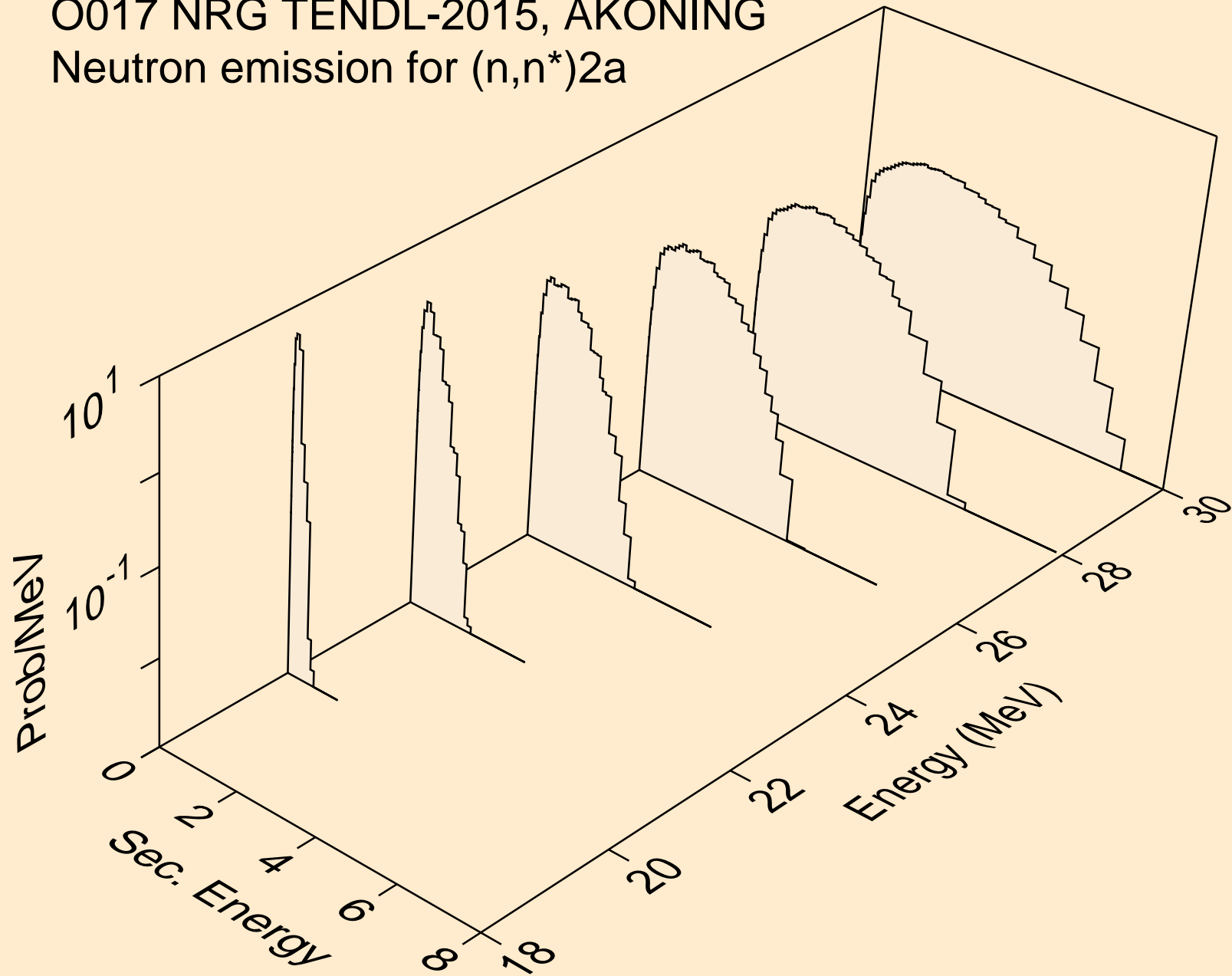
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

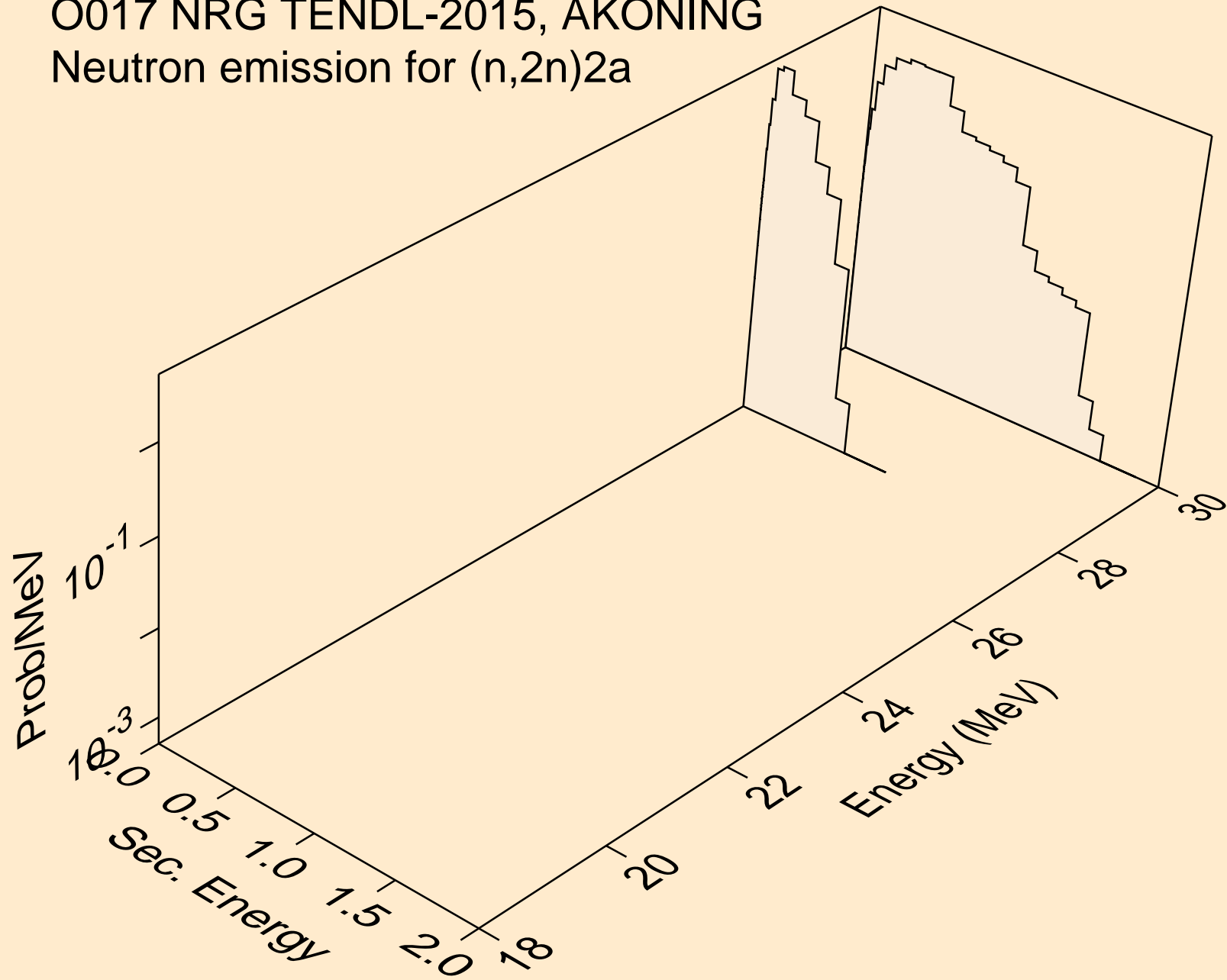


O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

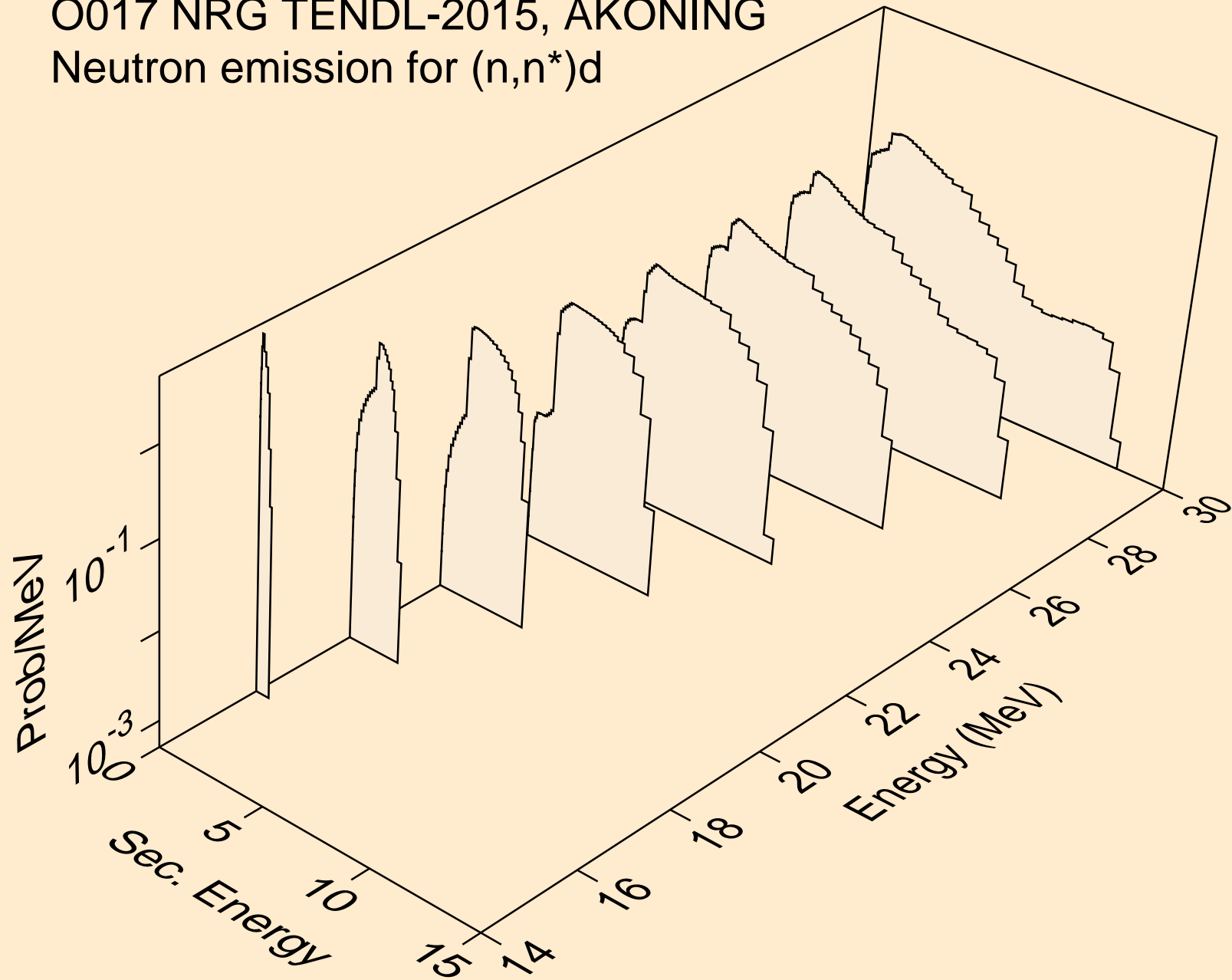




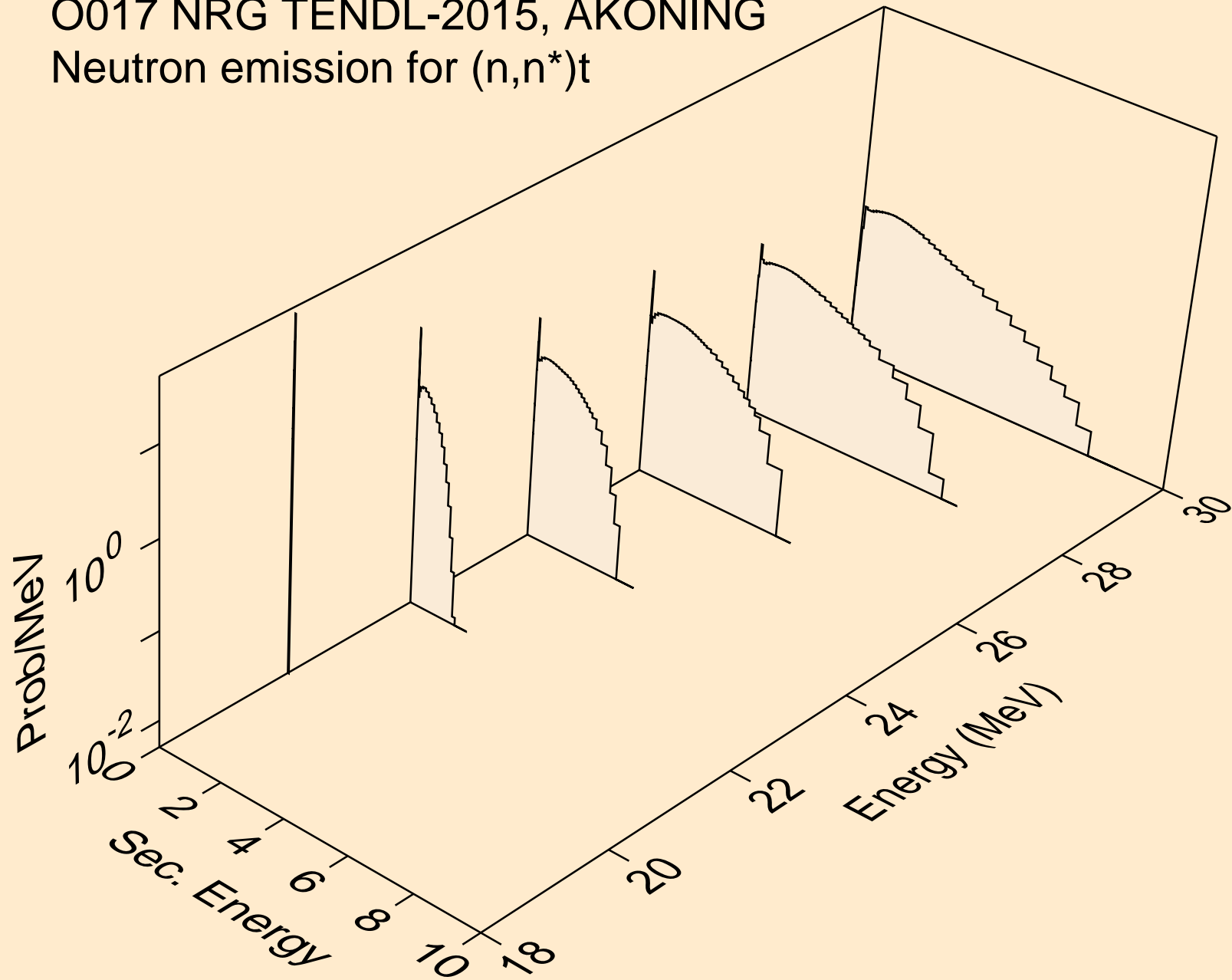
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



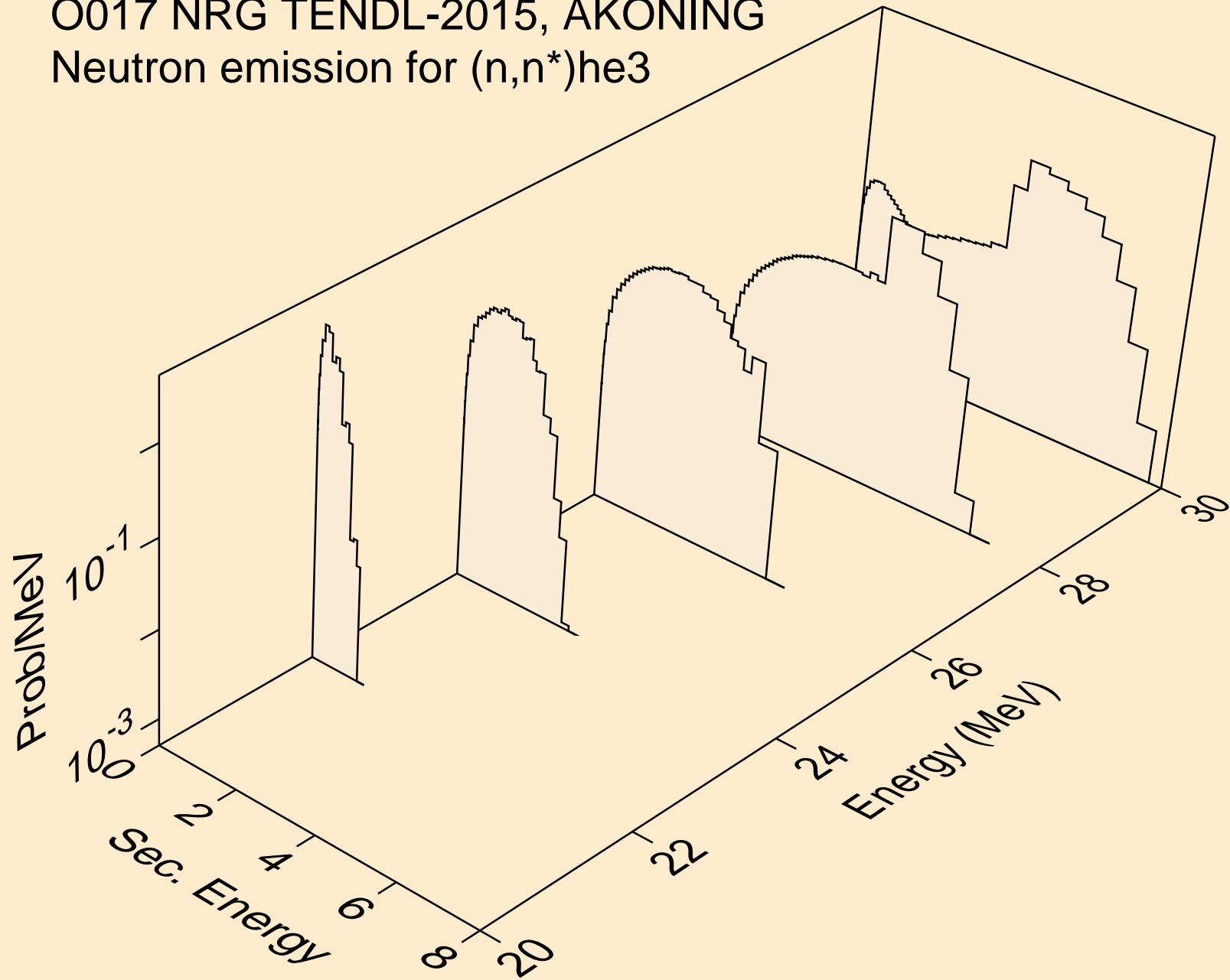
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Neutron emission for (n,n\*)d



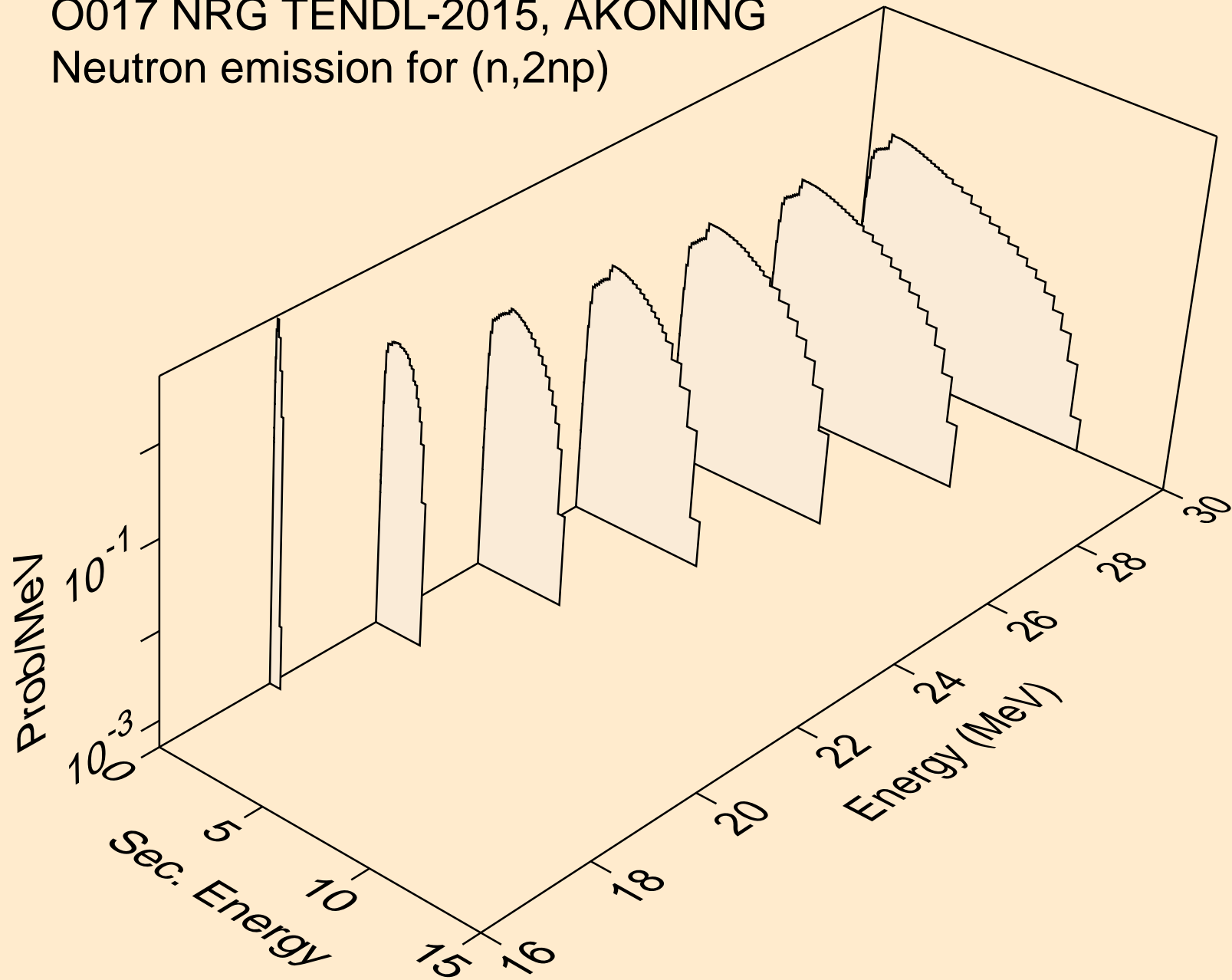
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Neutron emission for (n,n\*)t



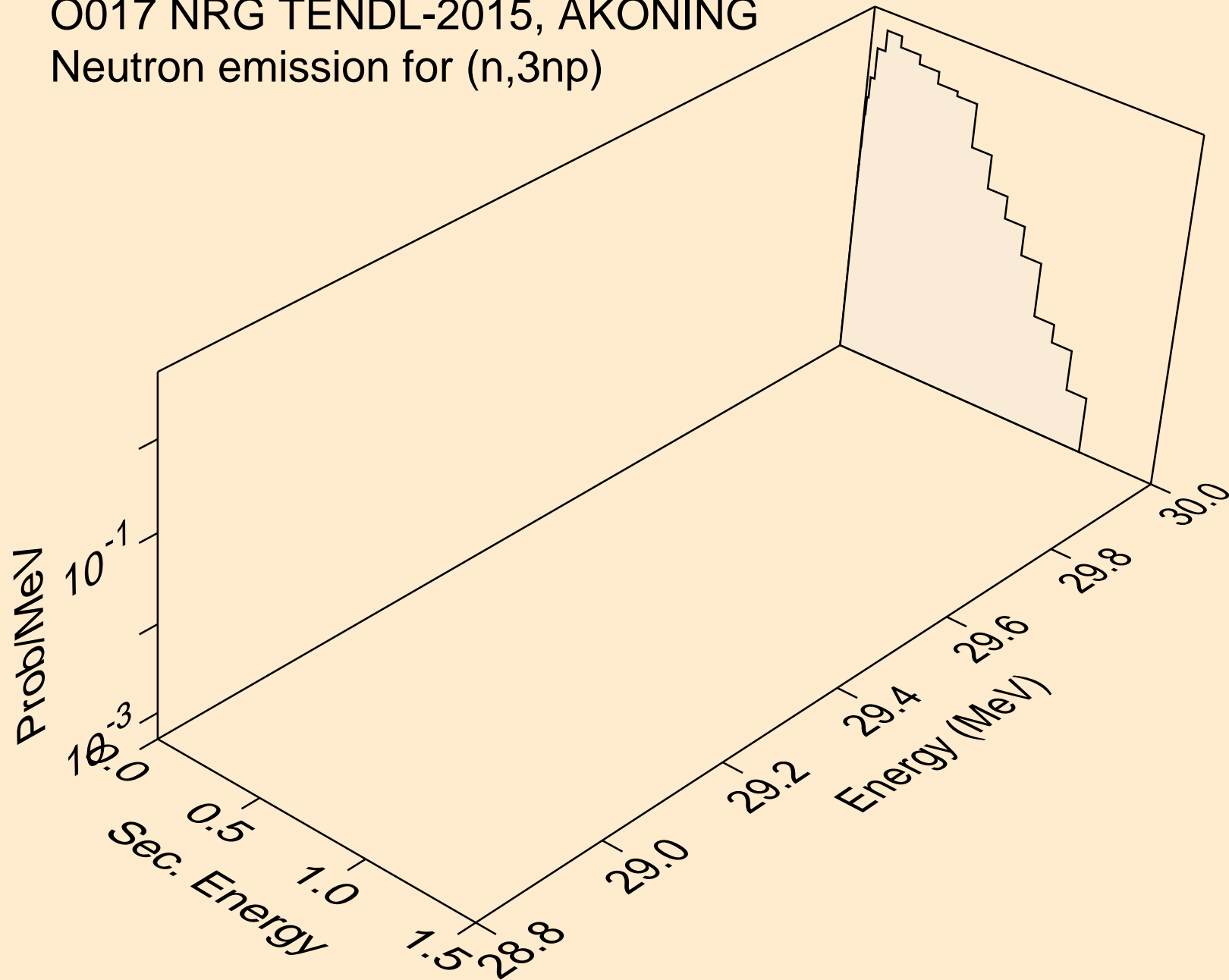
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



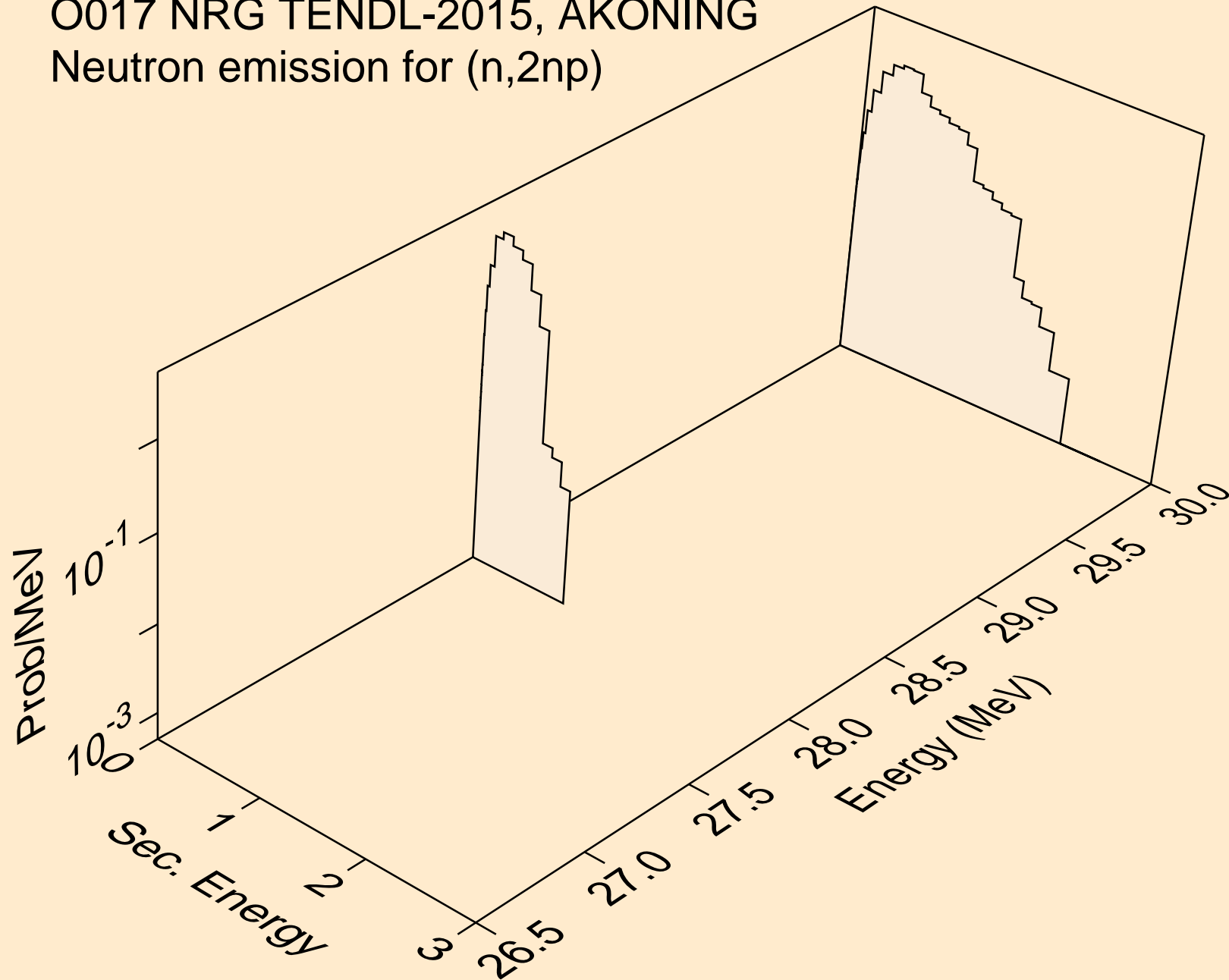
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



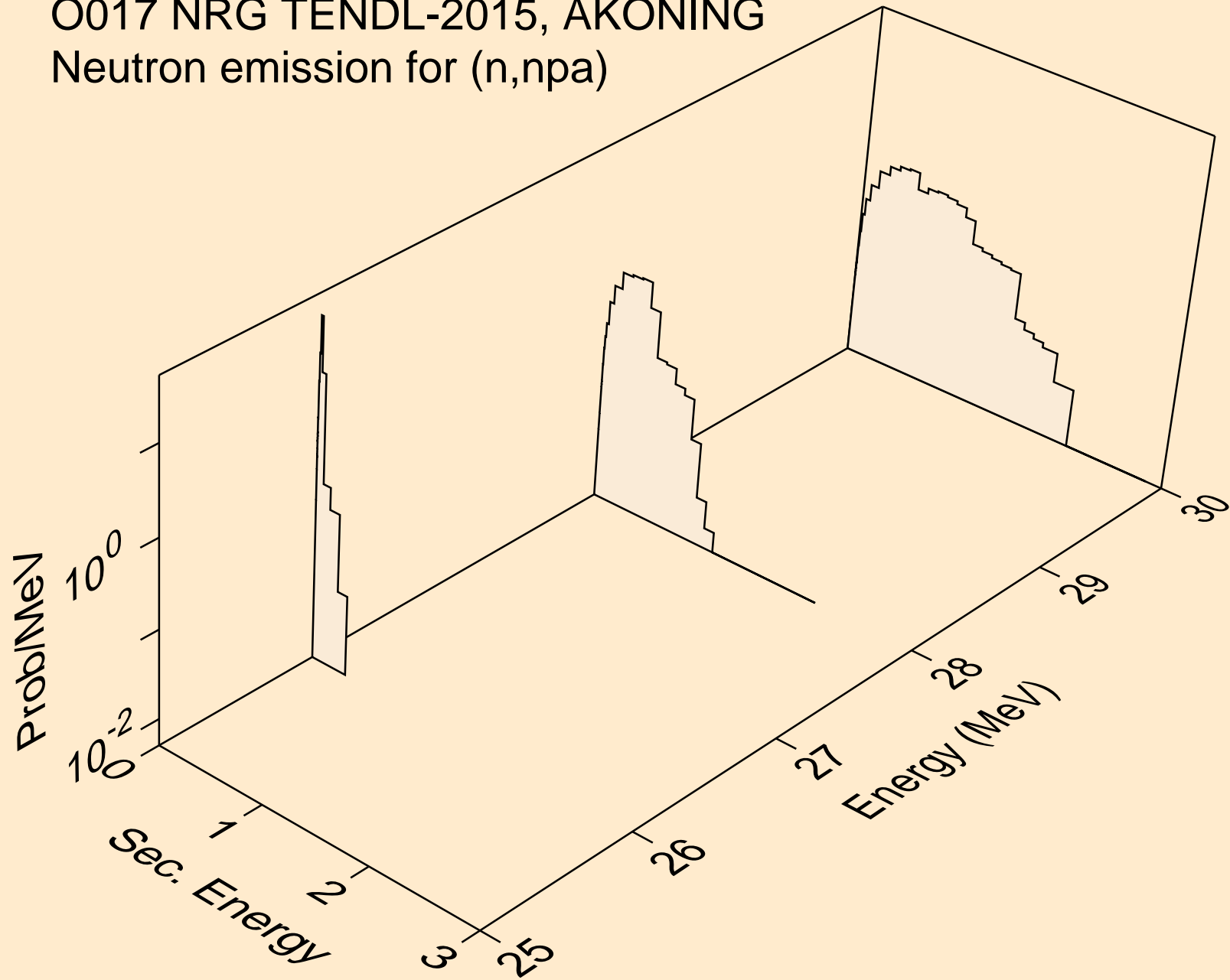
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

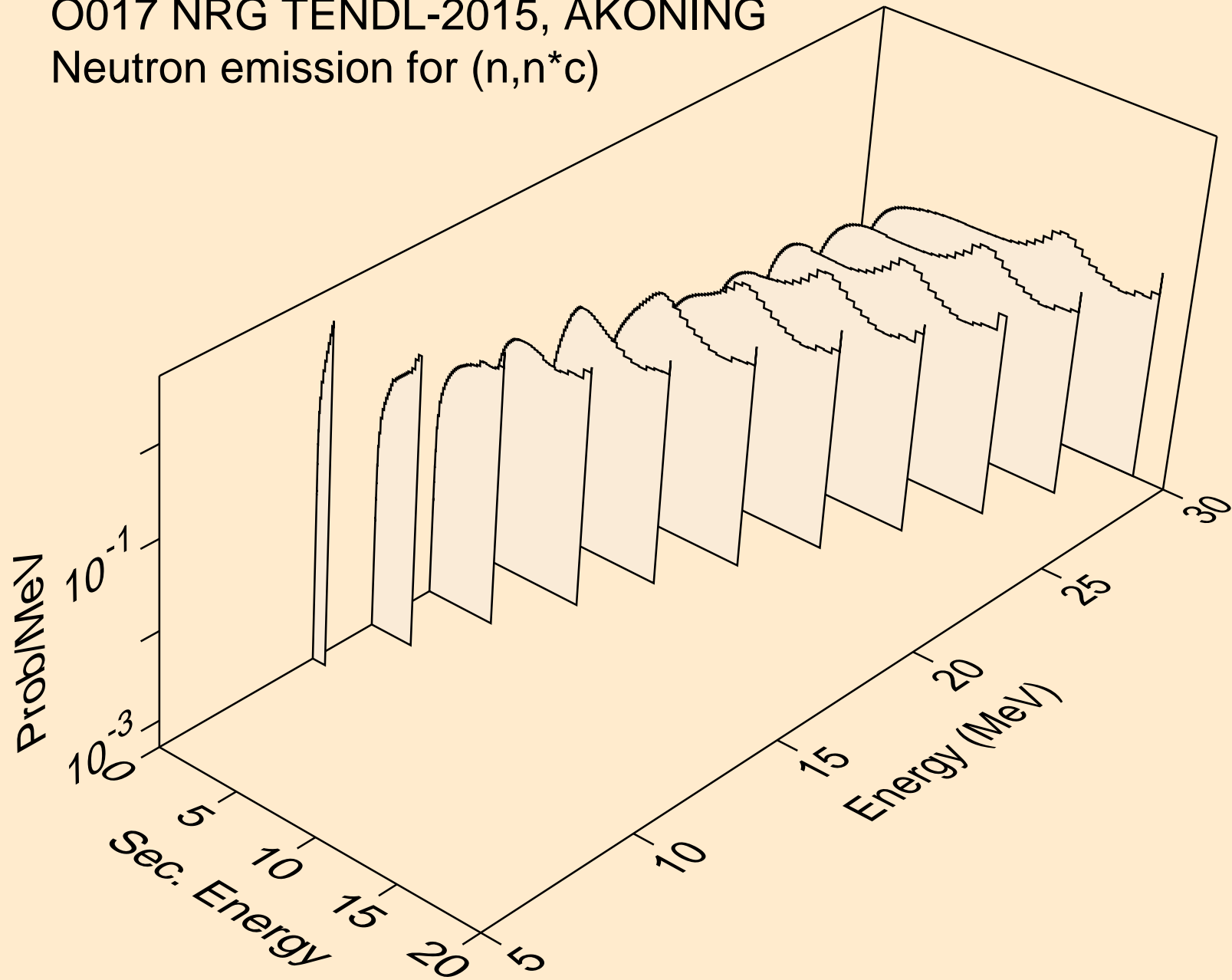


O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

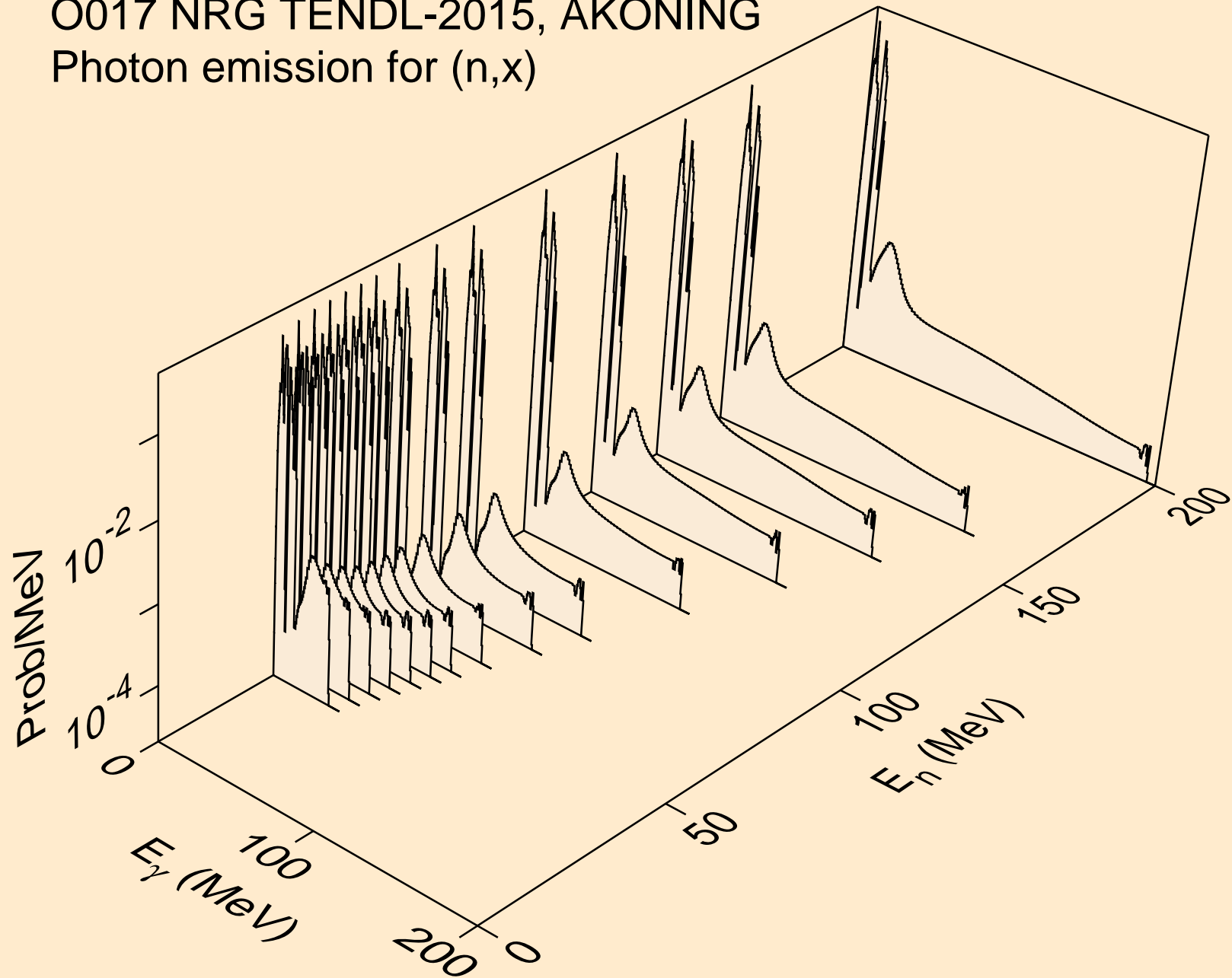




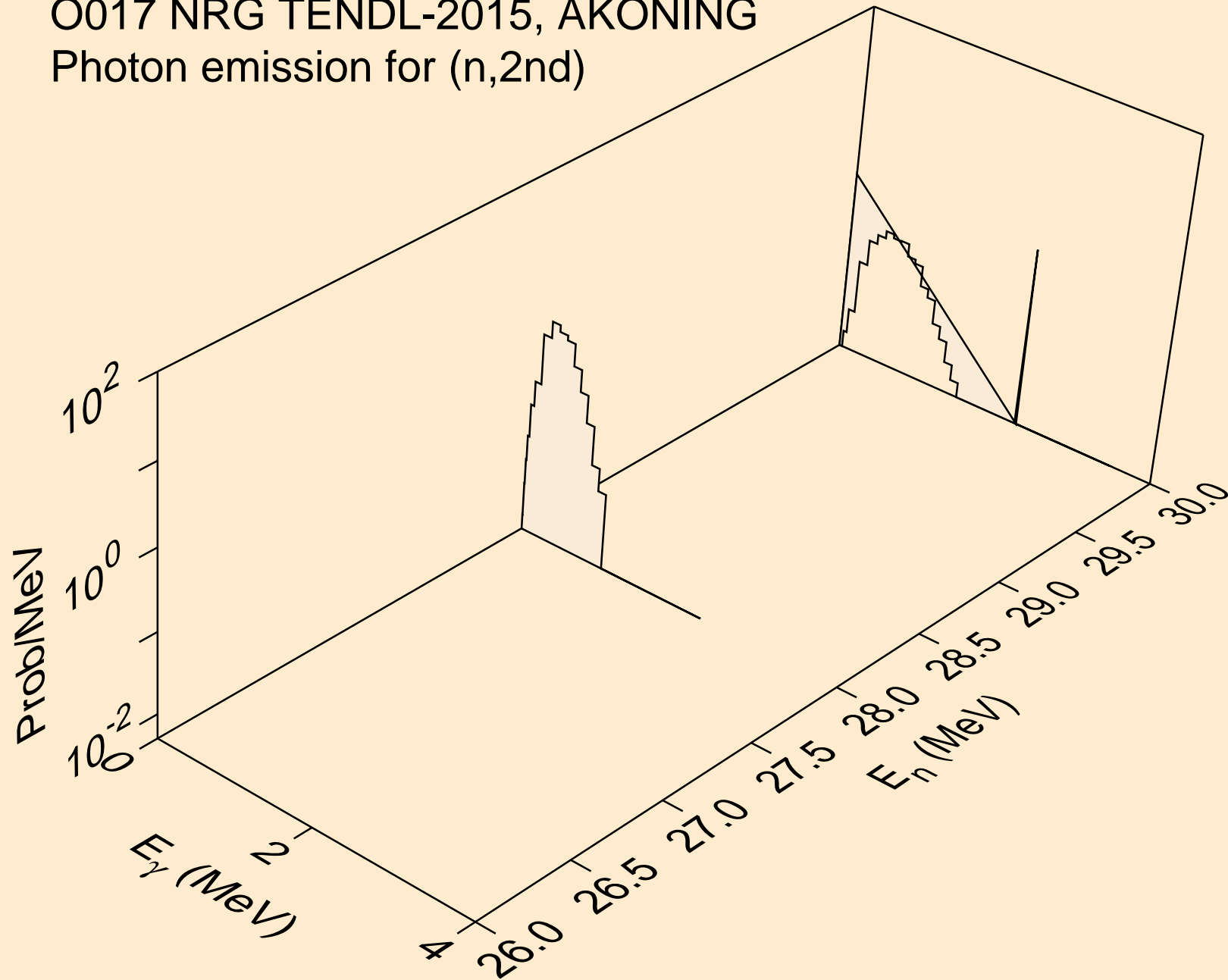
O017 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



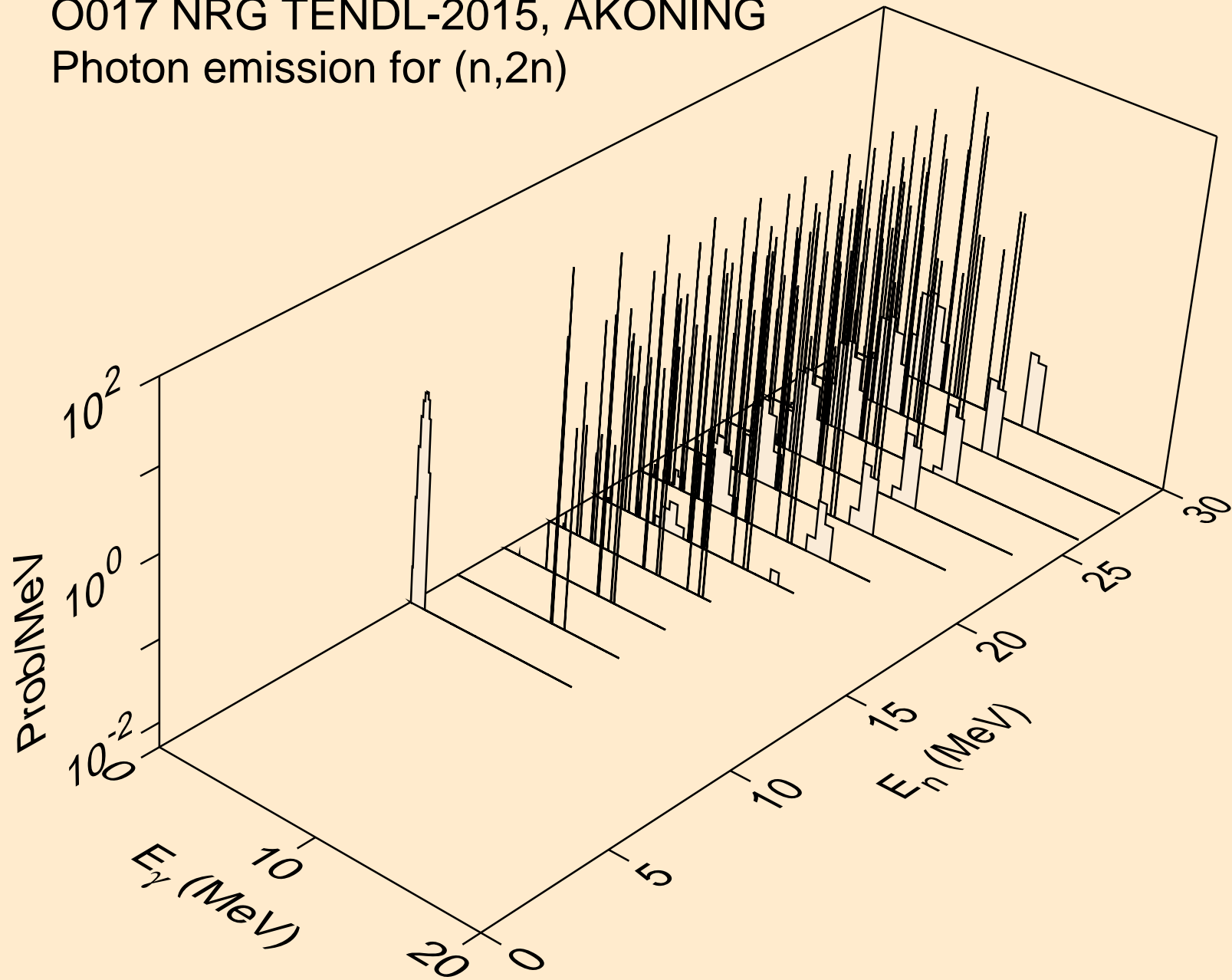
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



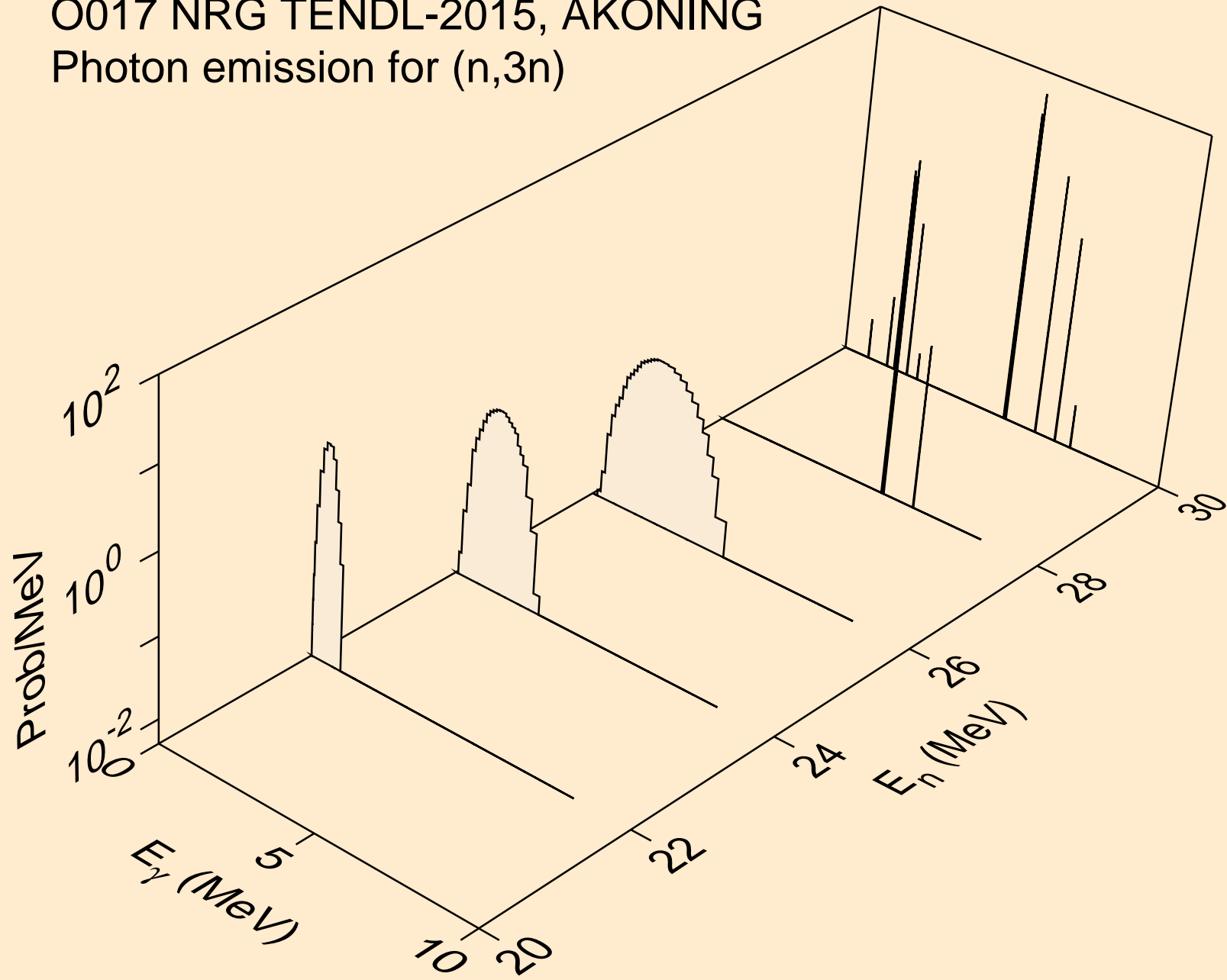
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



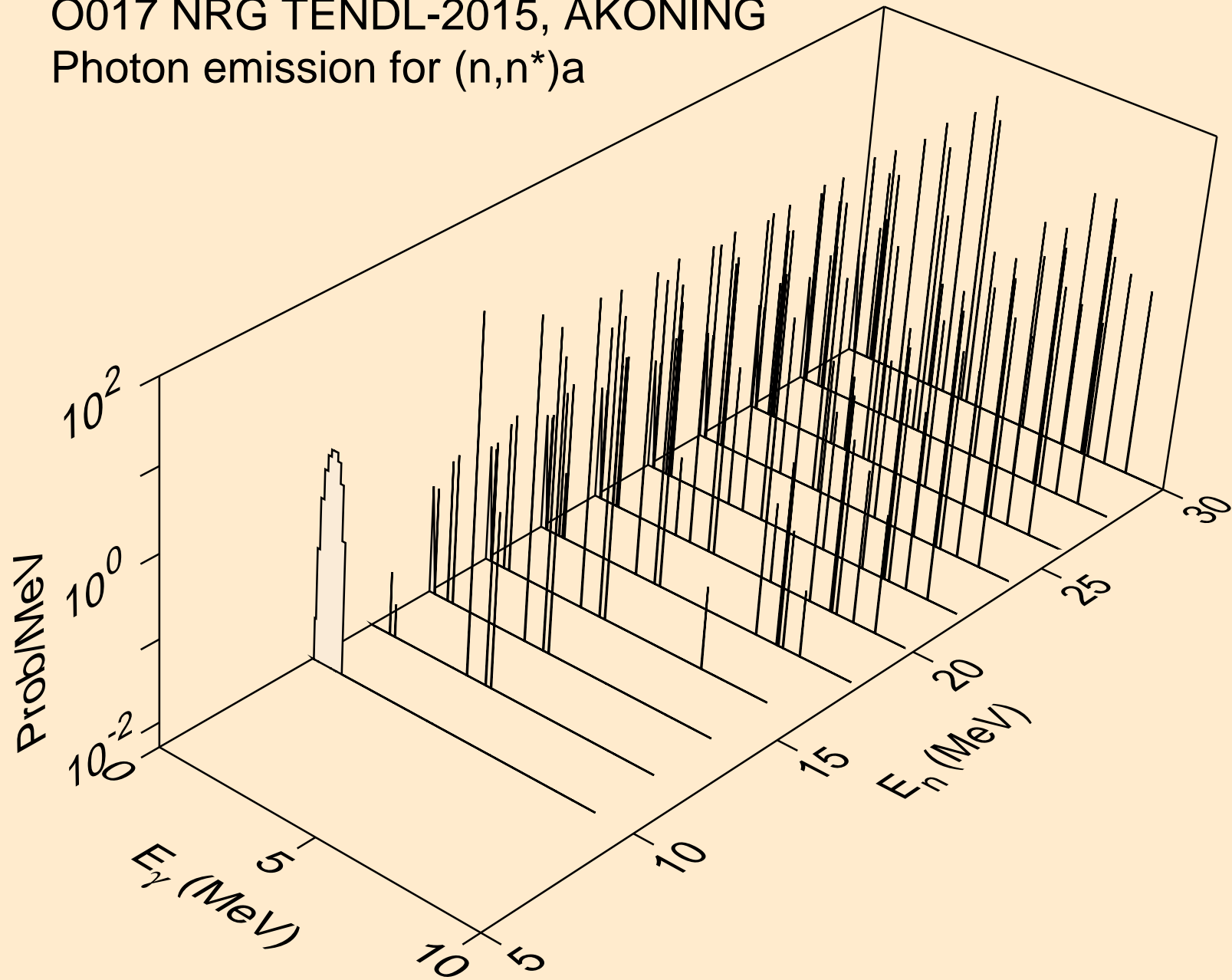
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



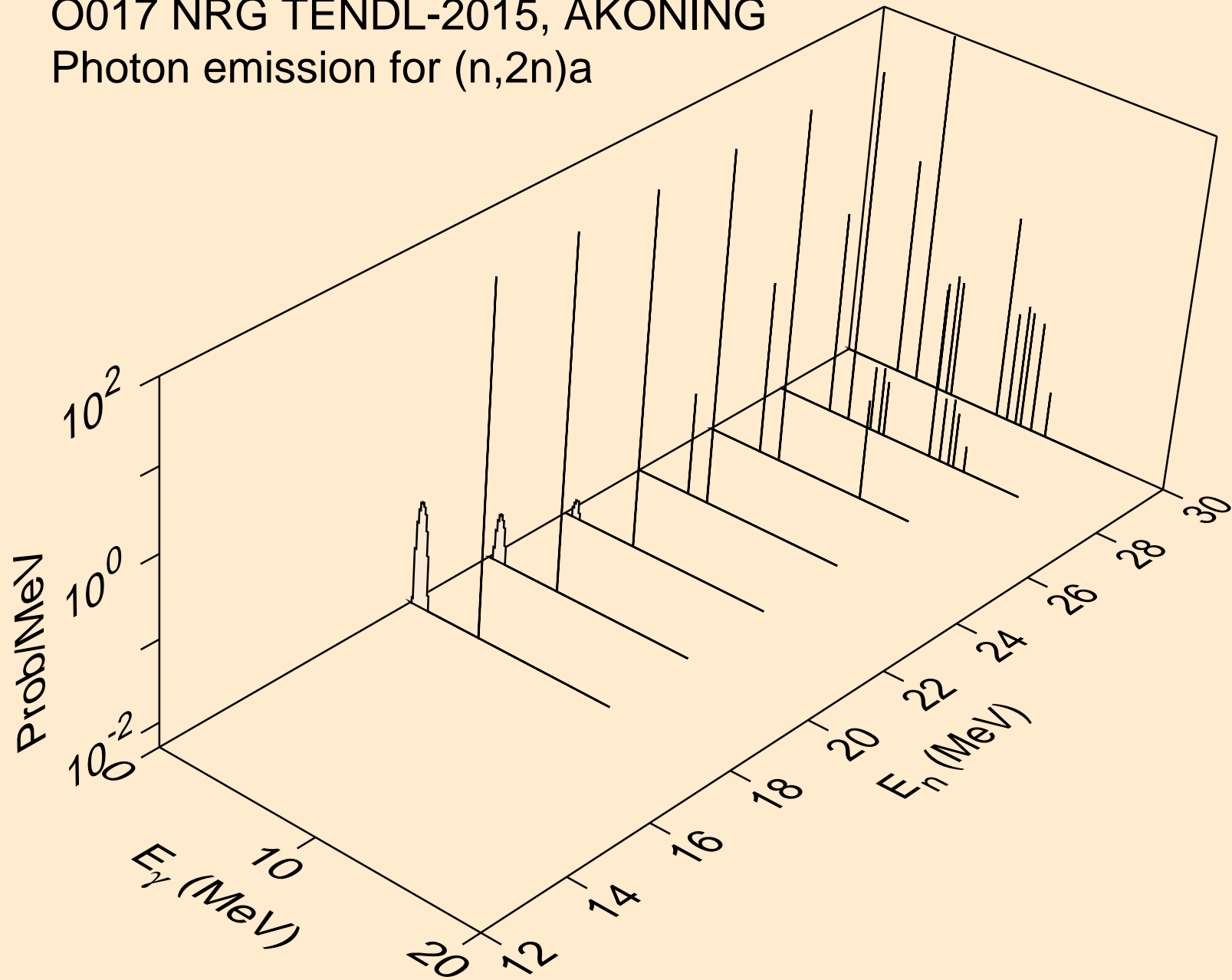
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



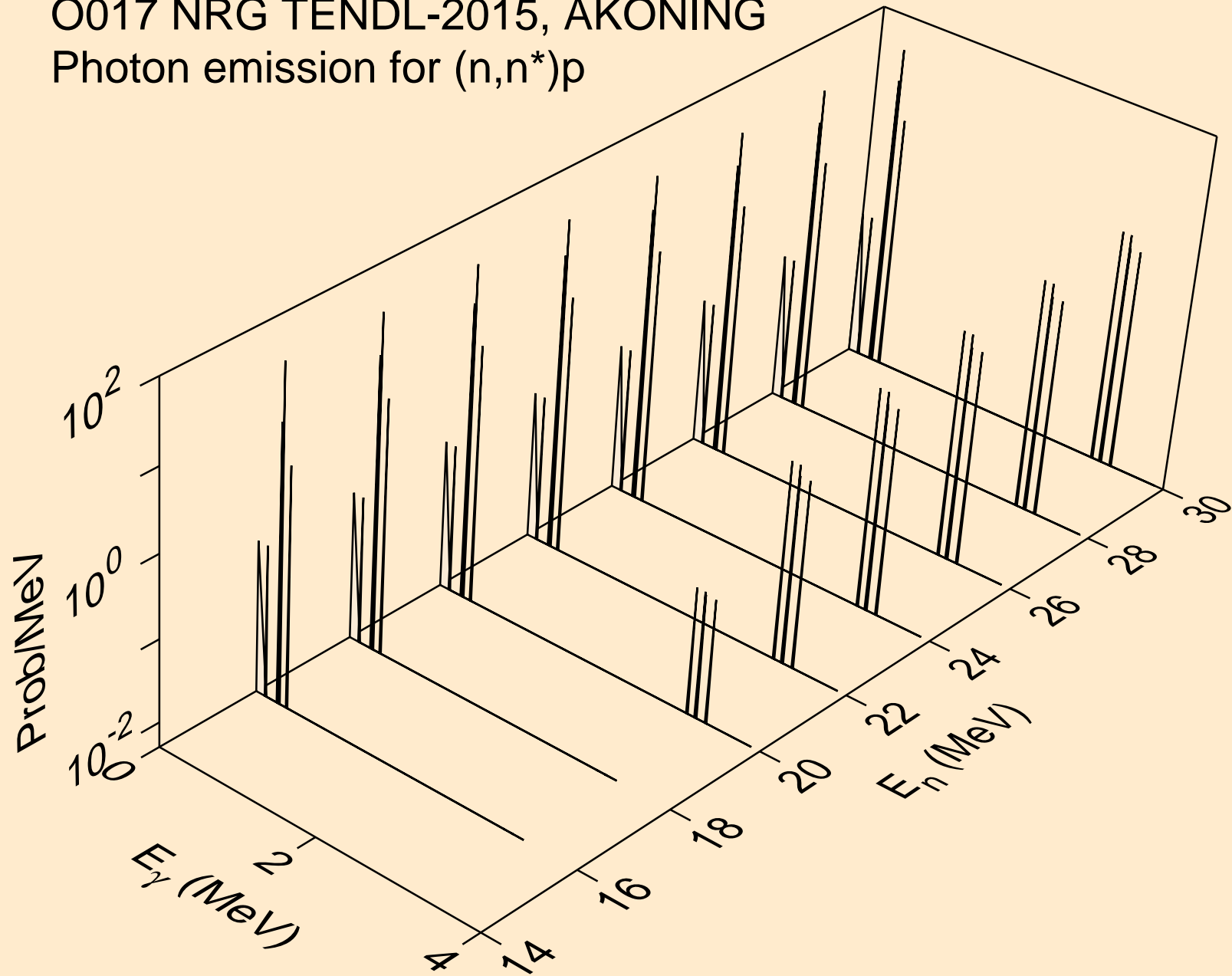
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



O017 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

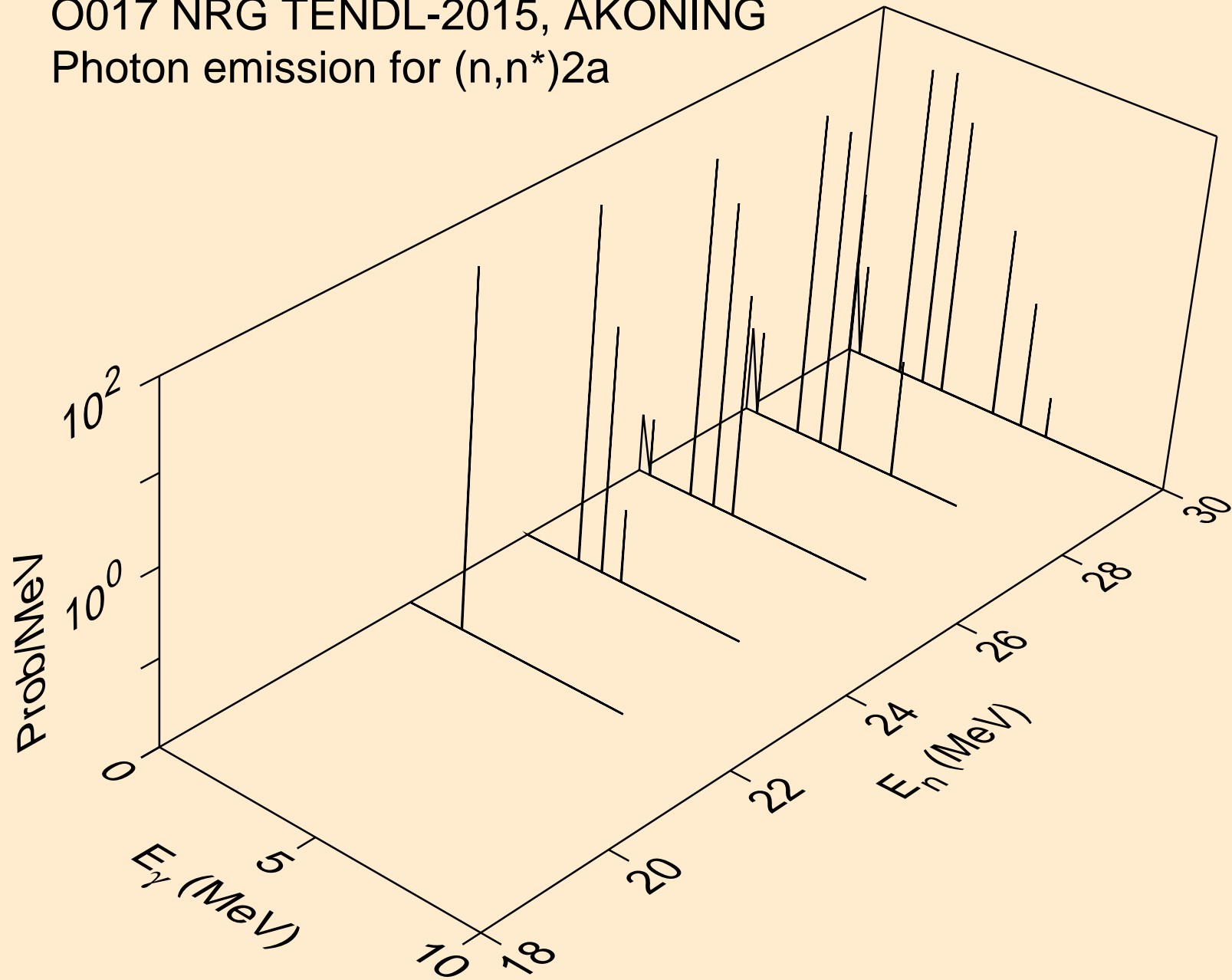


O017 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

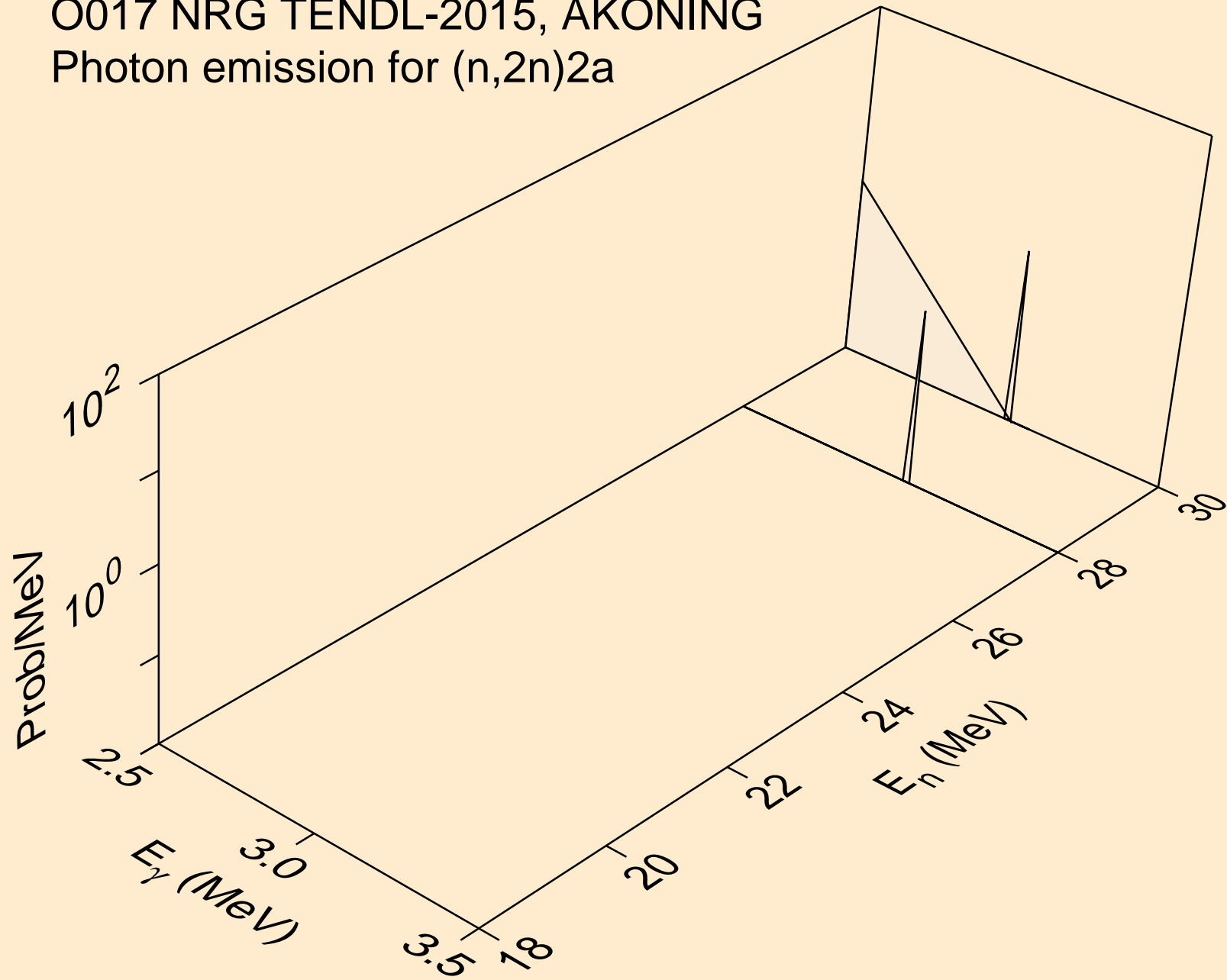




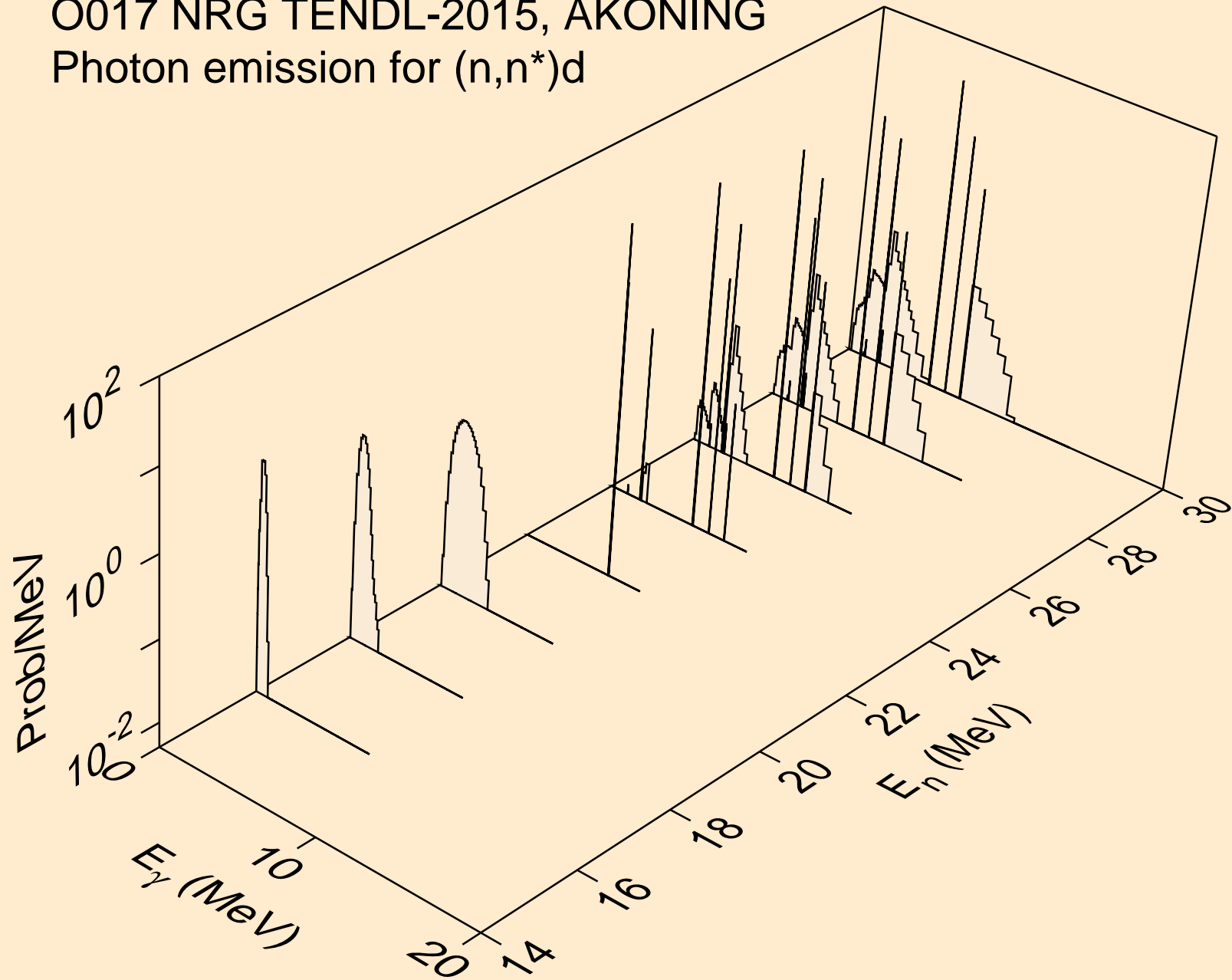
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



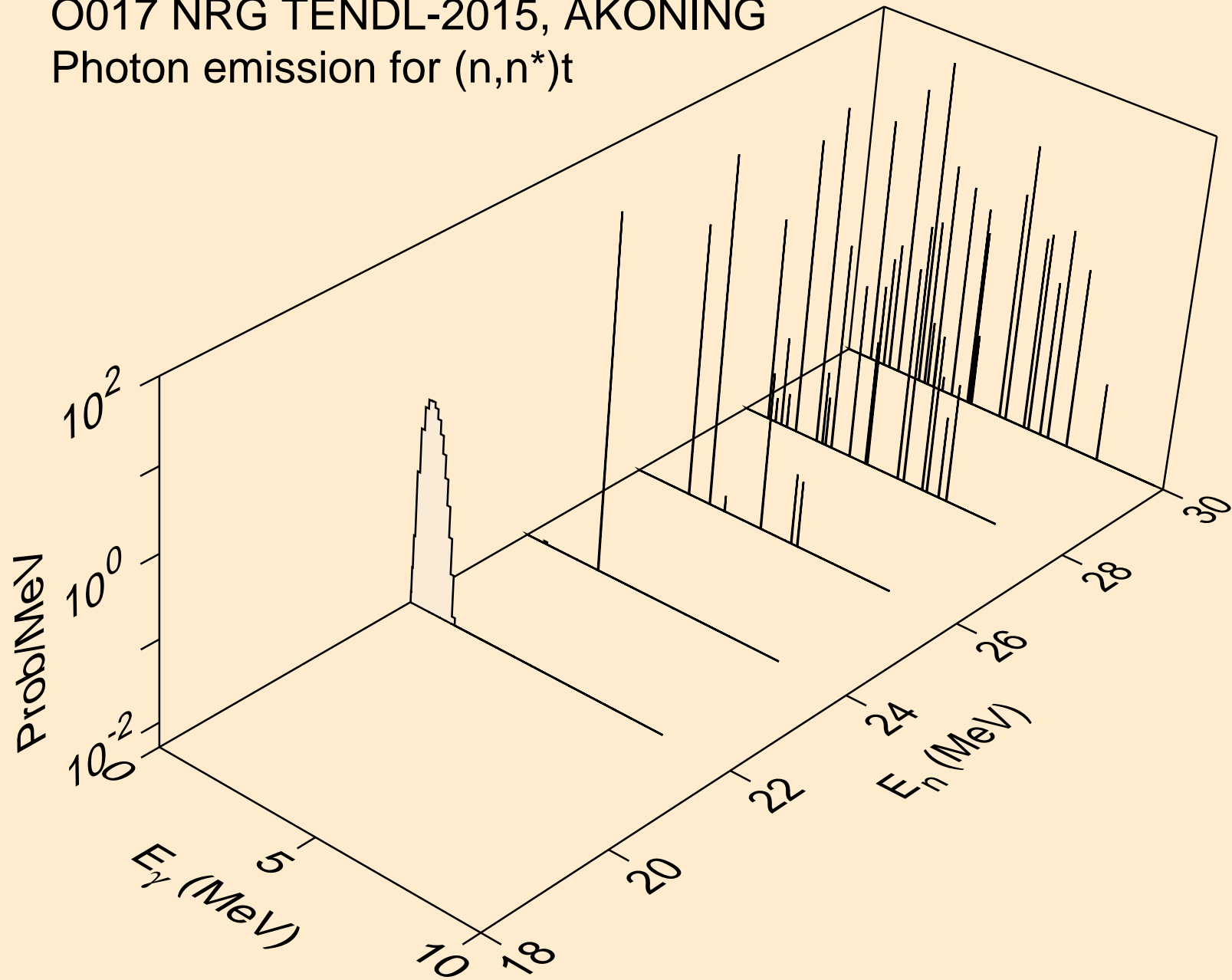
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



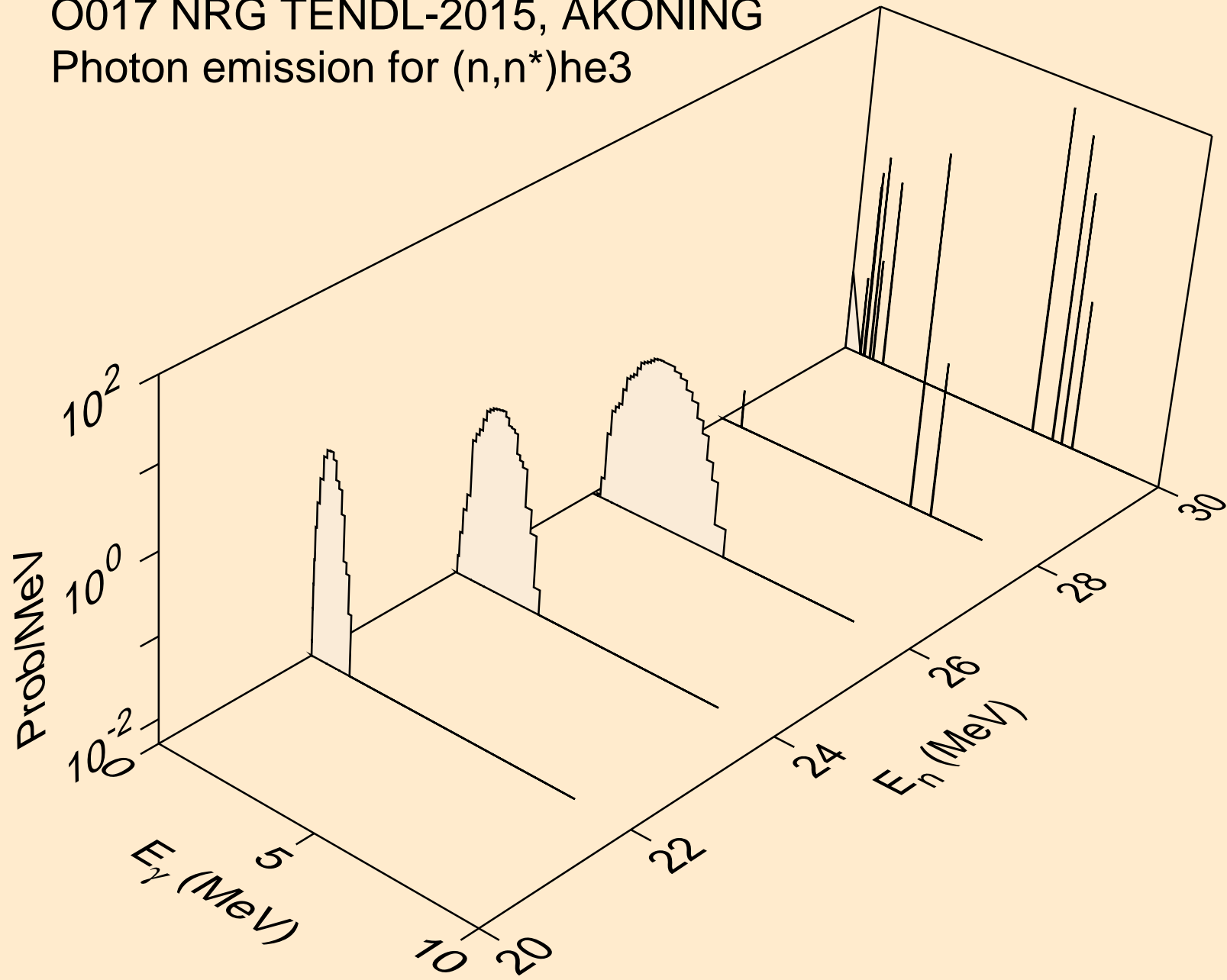
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



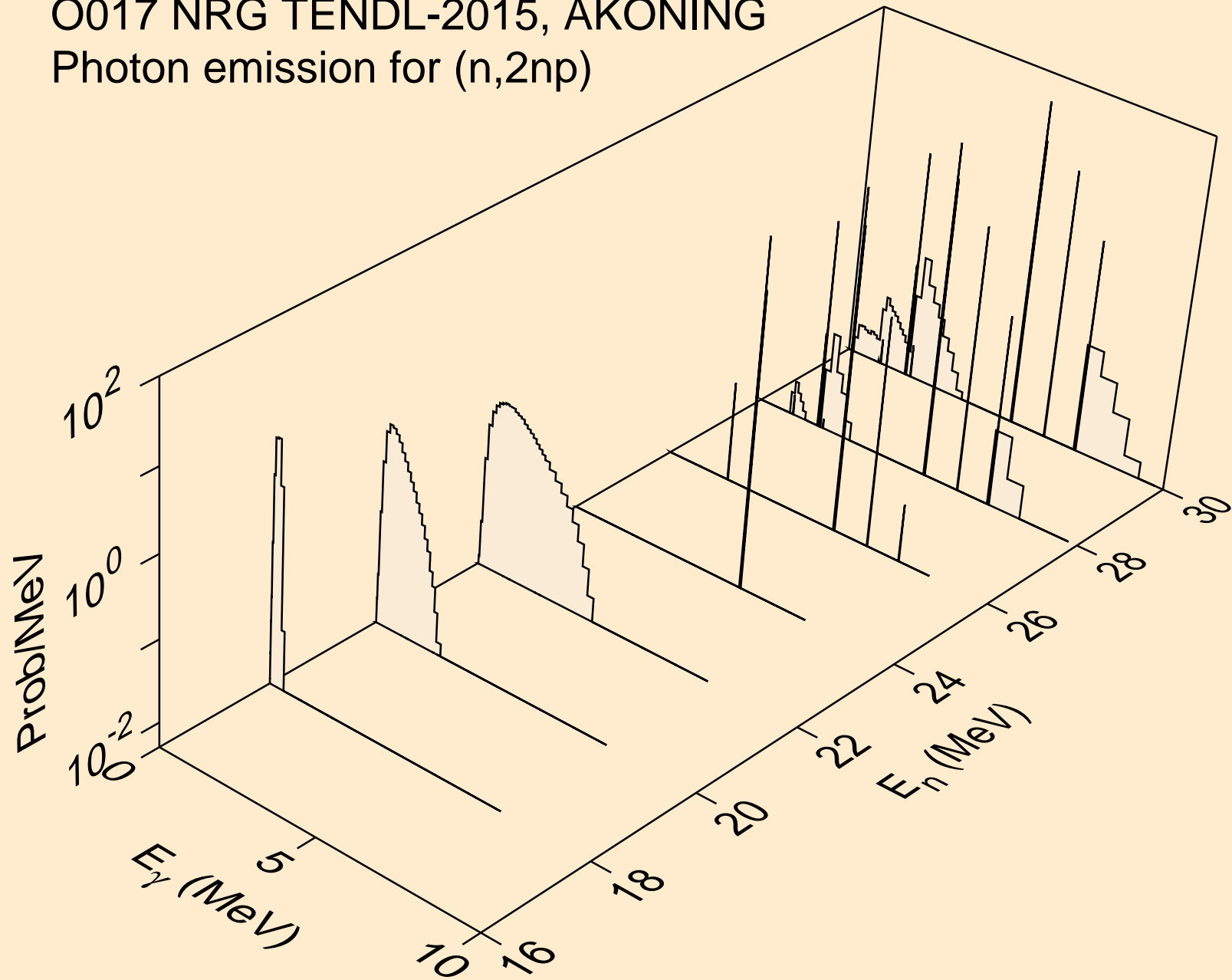
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



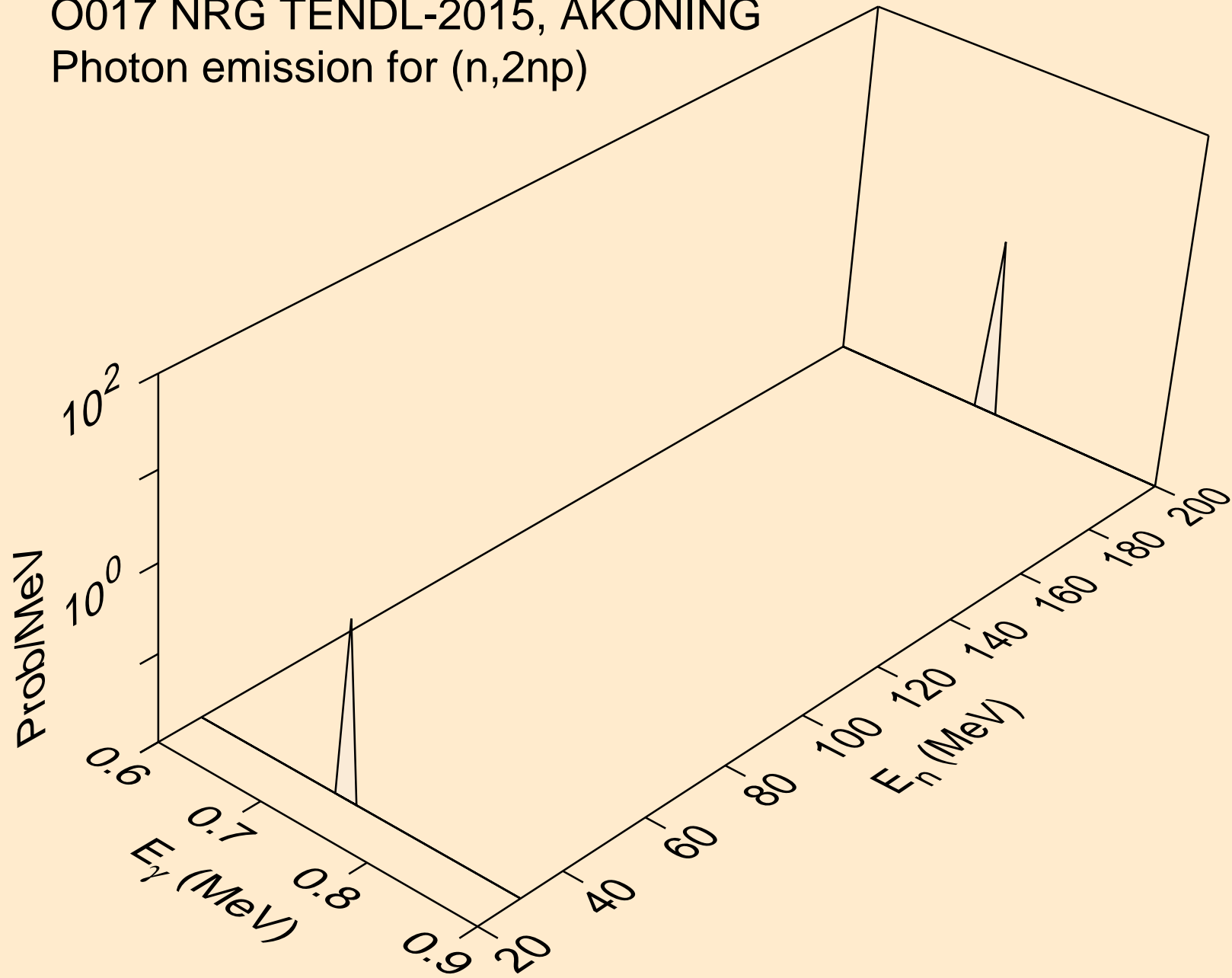
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



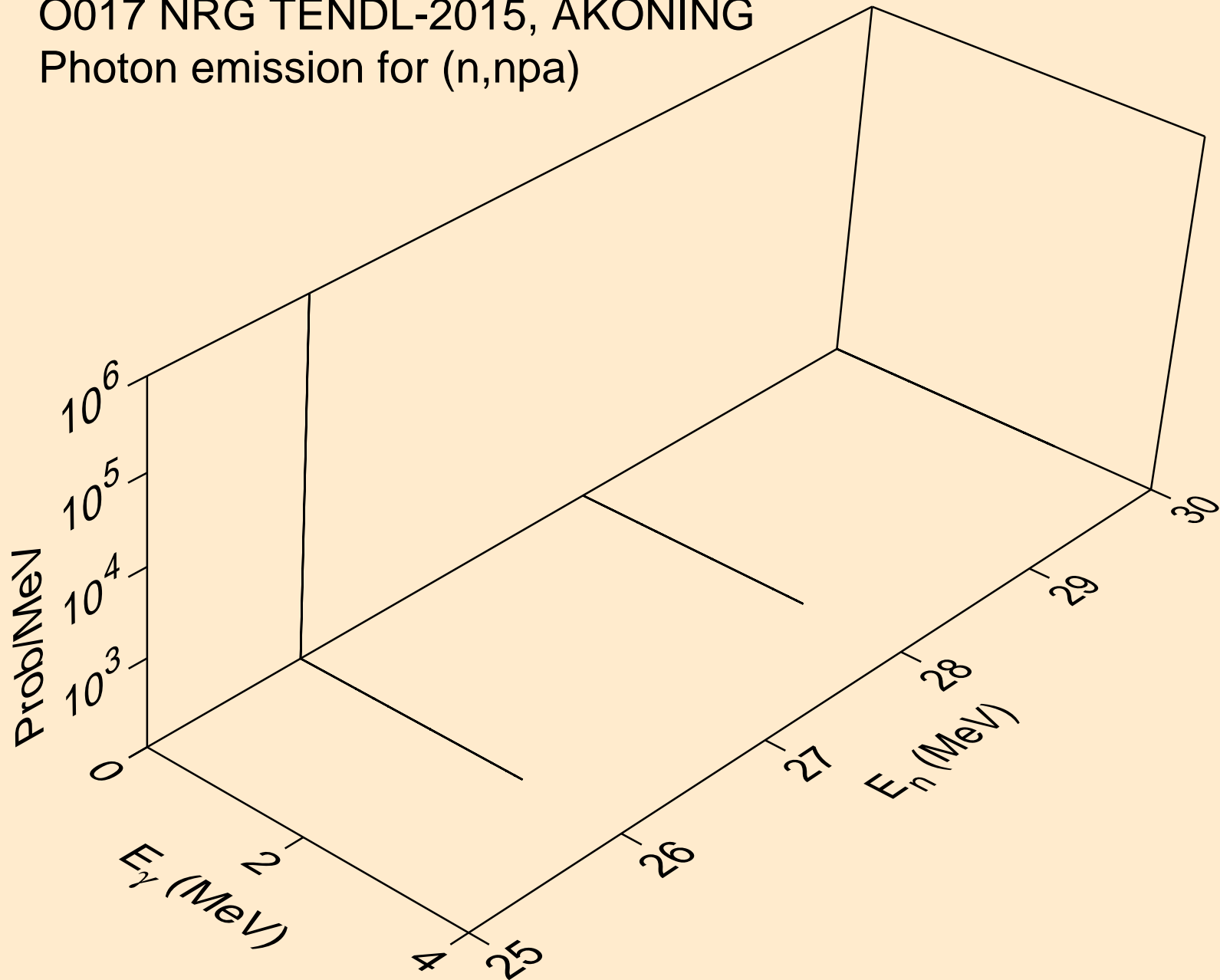
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



O017 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

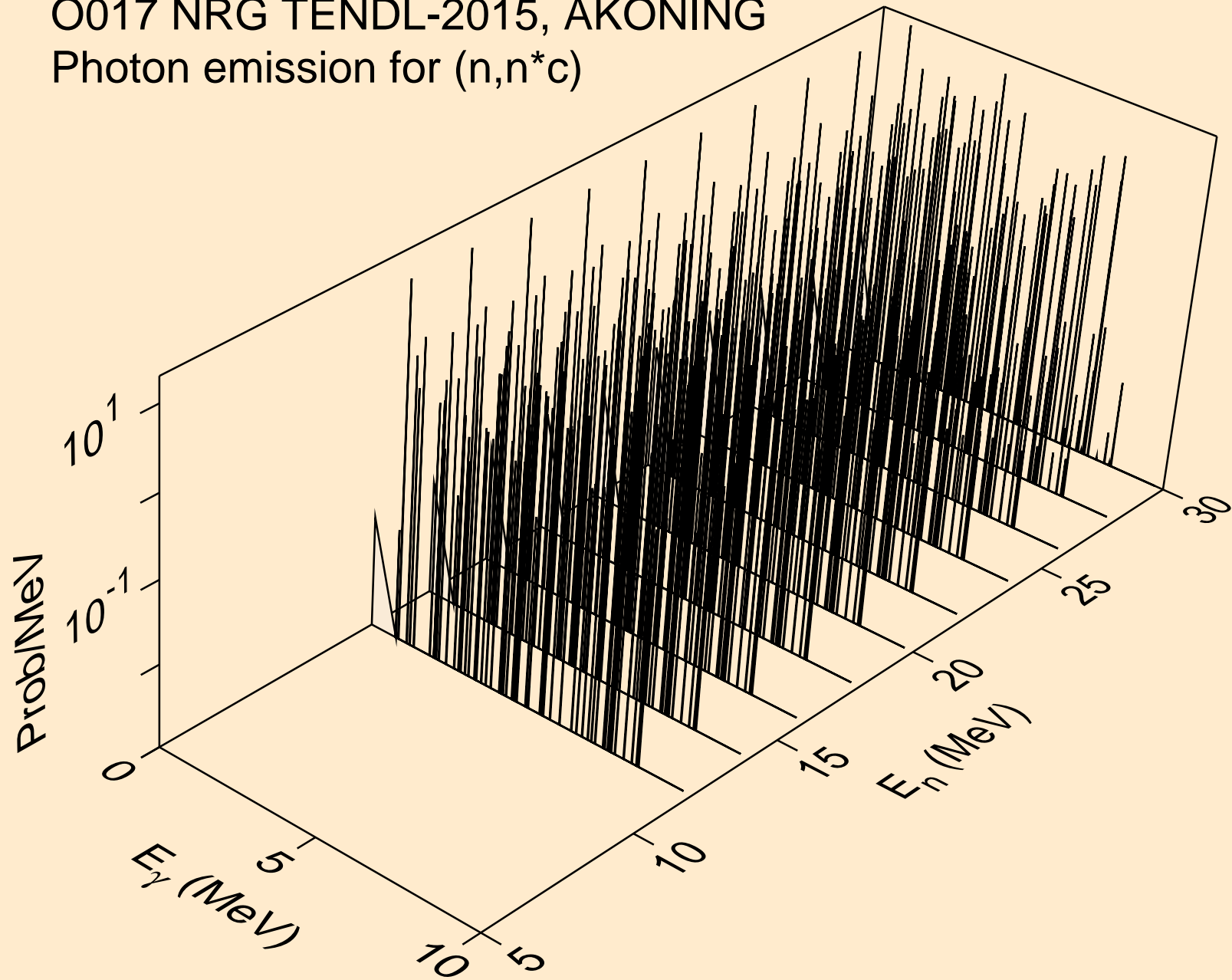


O017 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

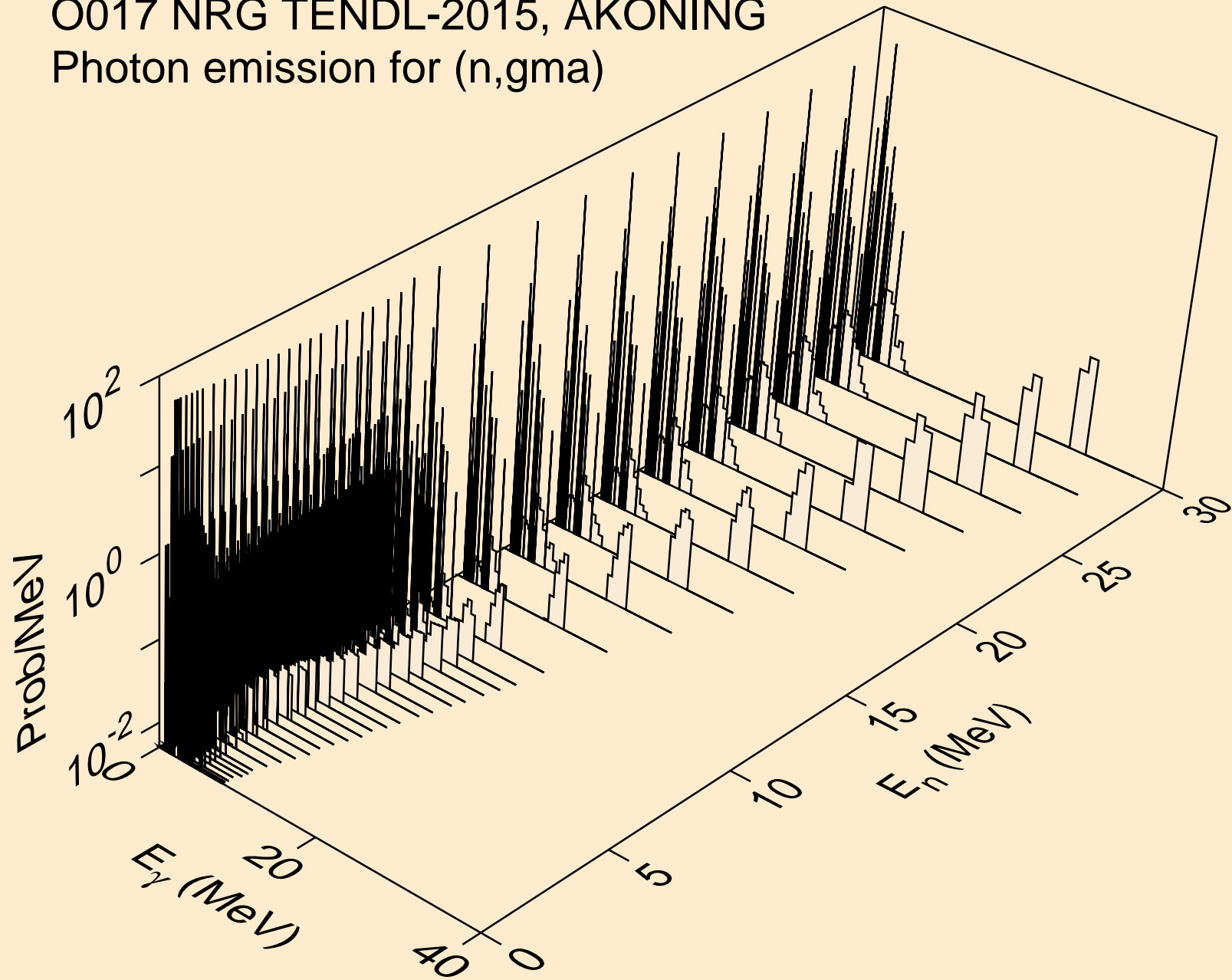




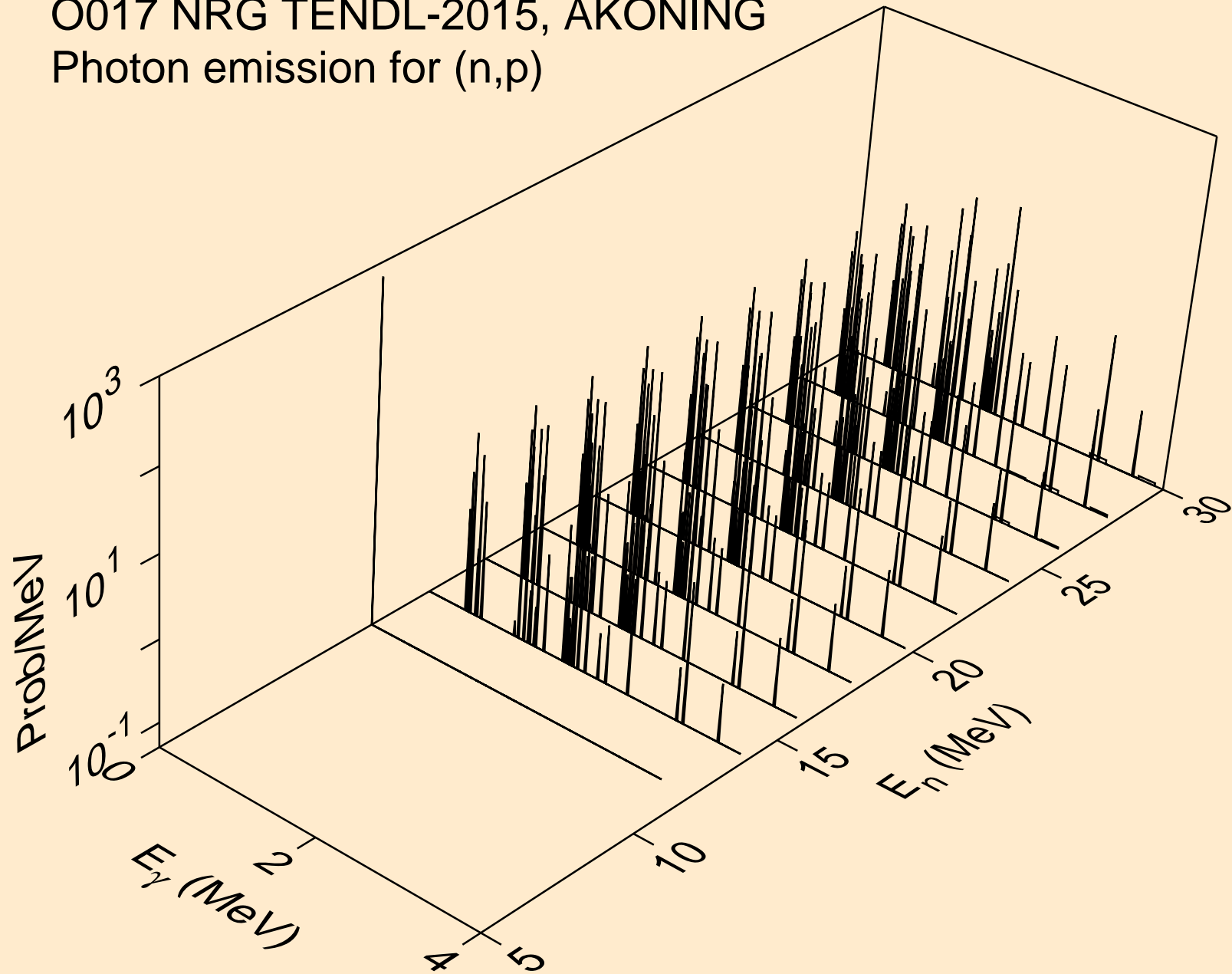
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



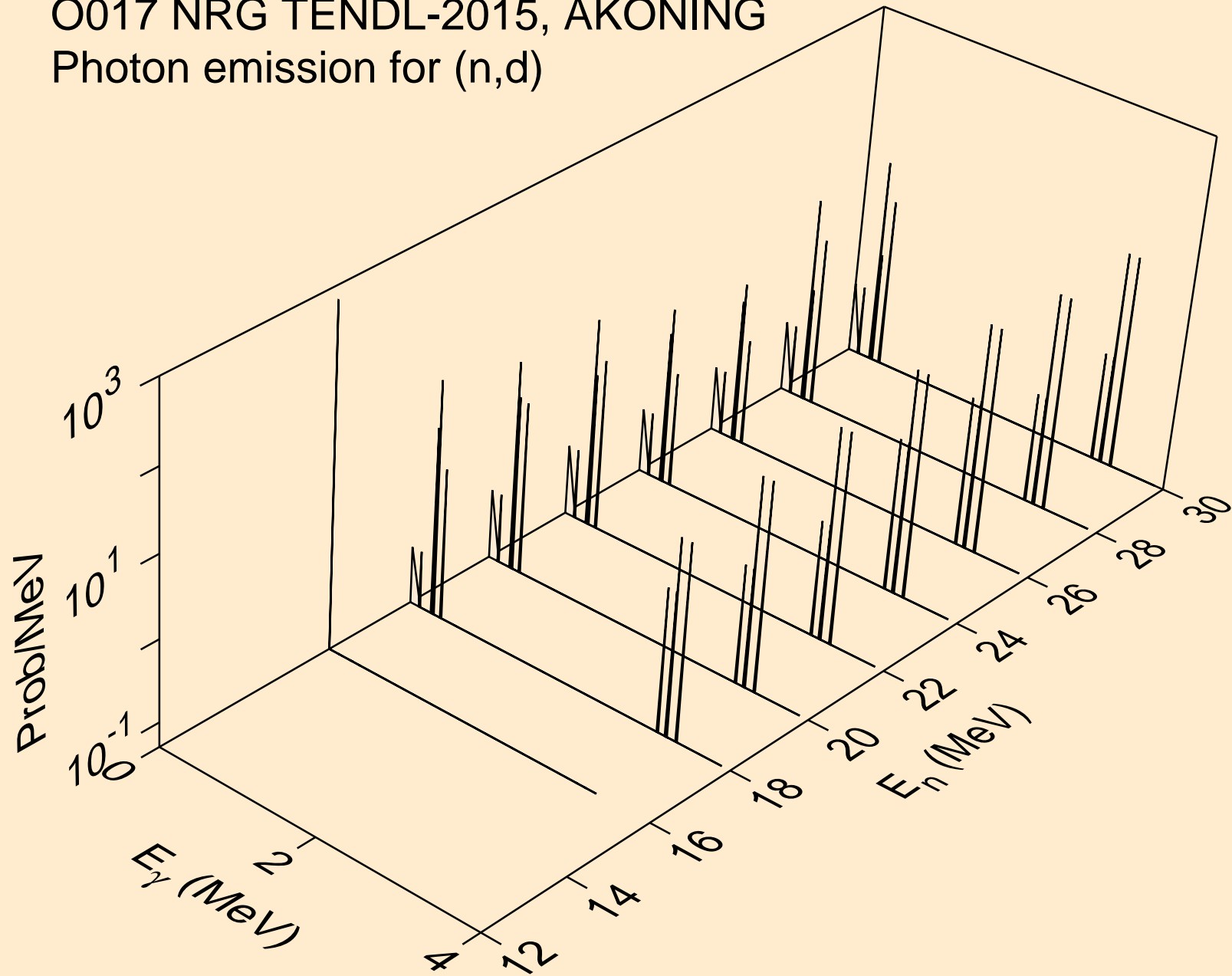
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Photon emission for (n,gma)



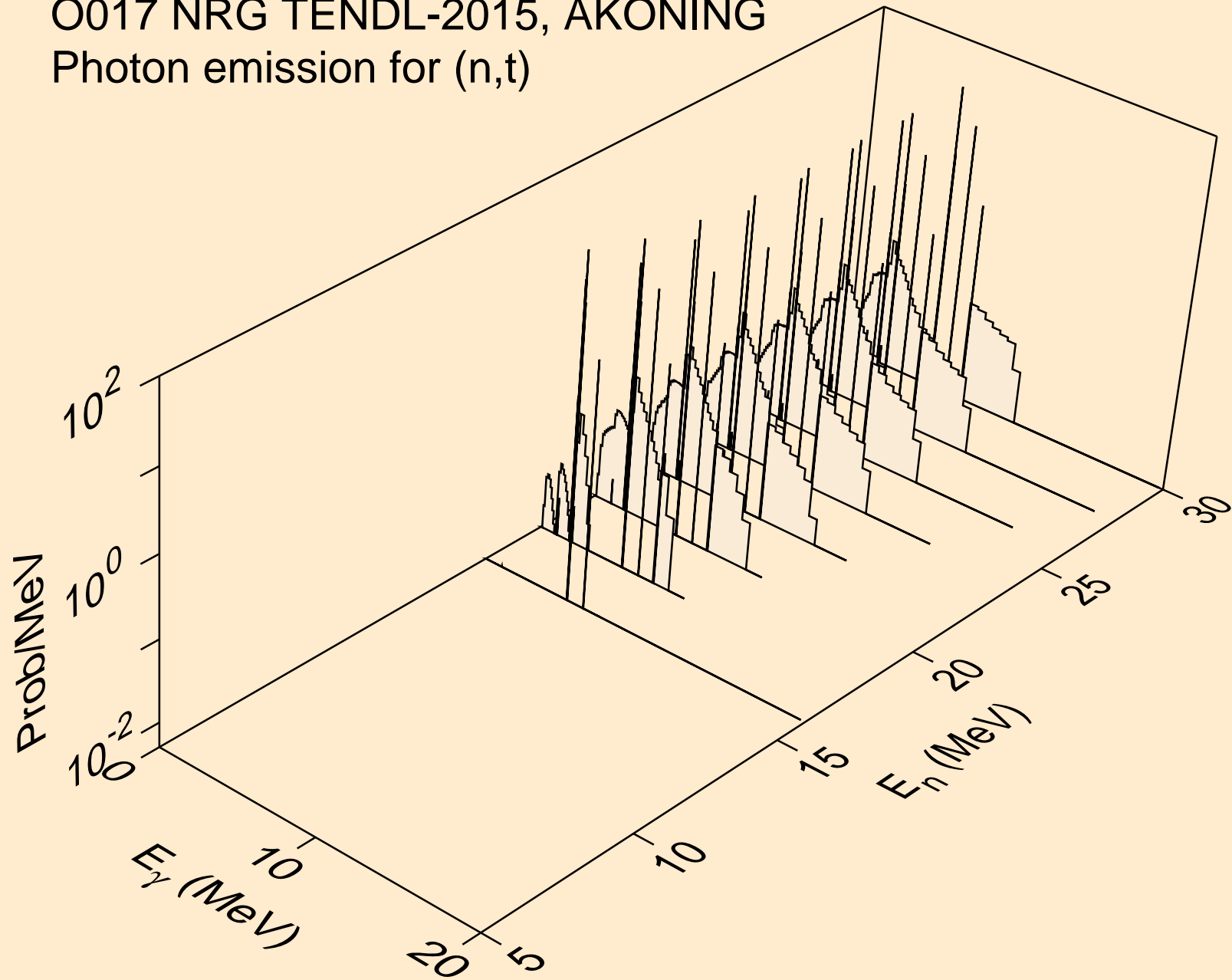
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



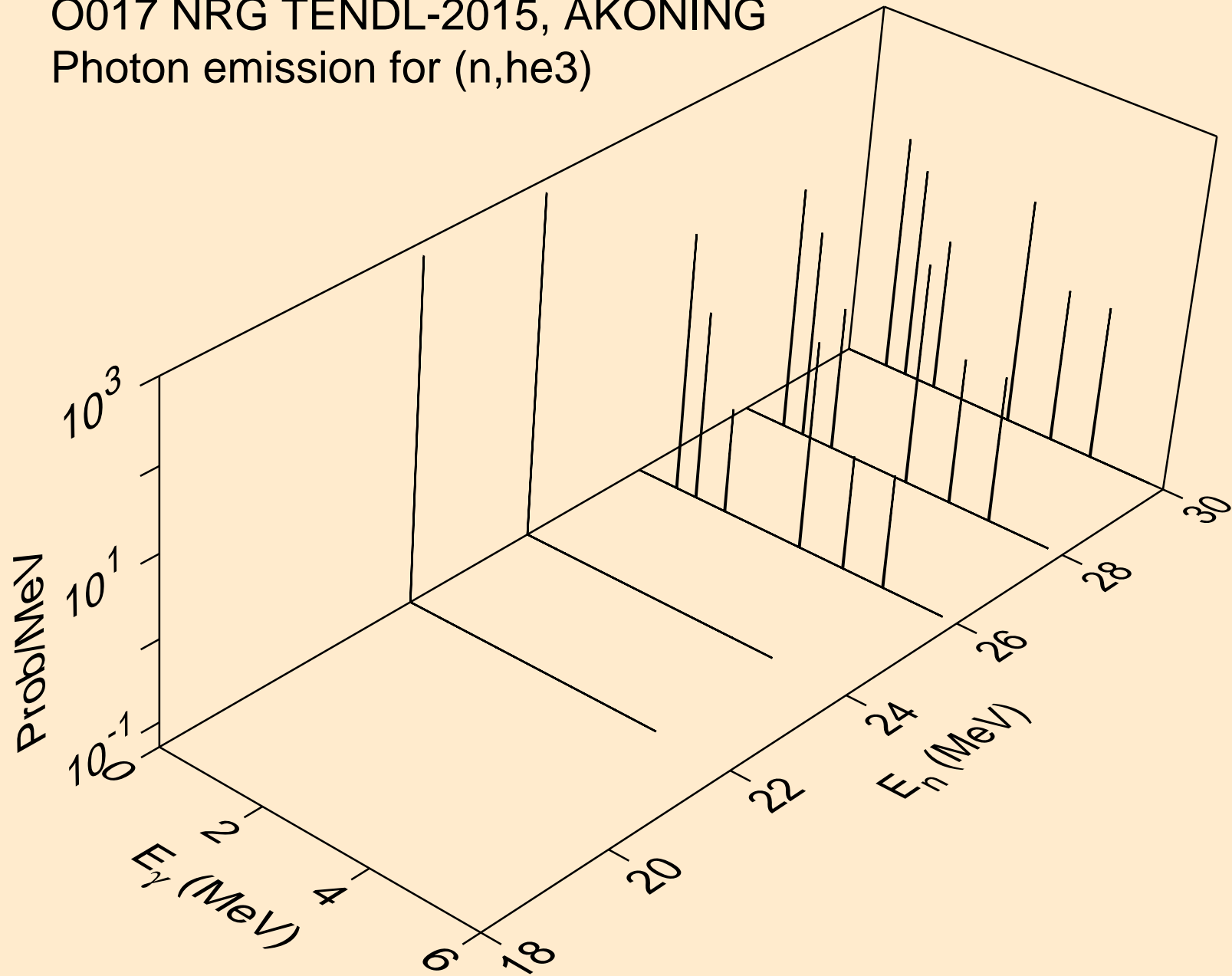
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



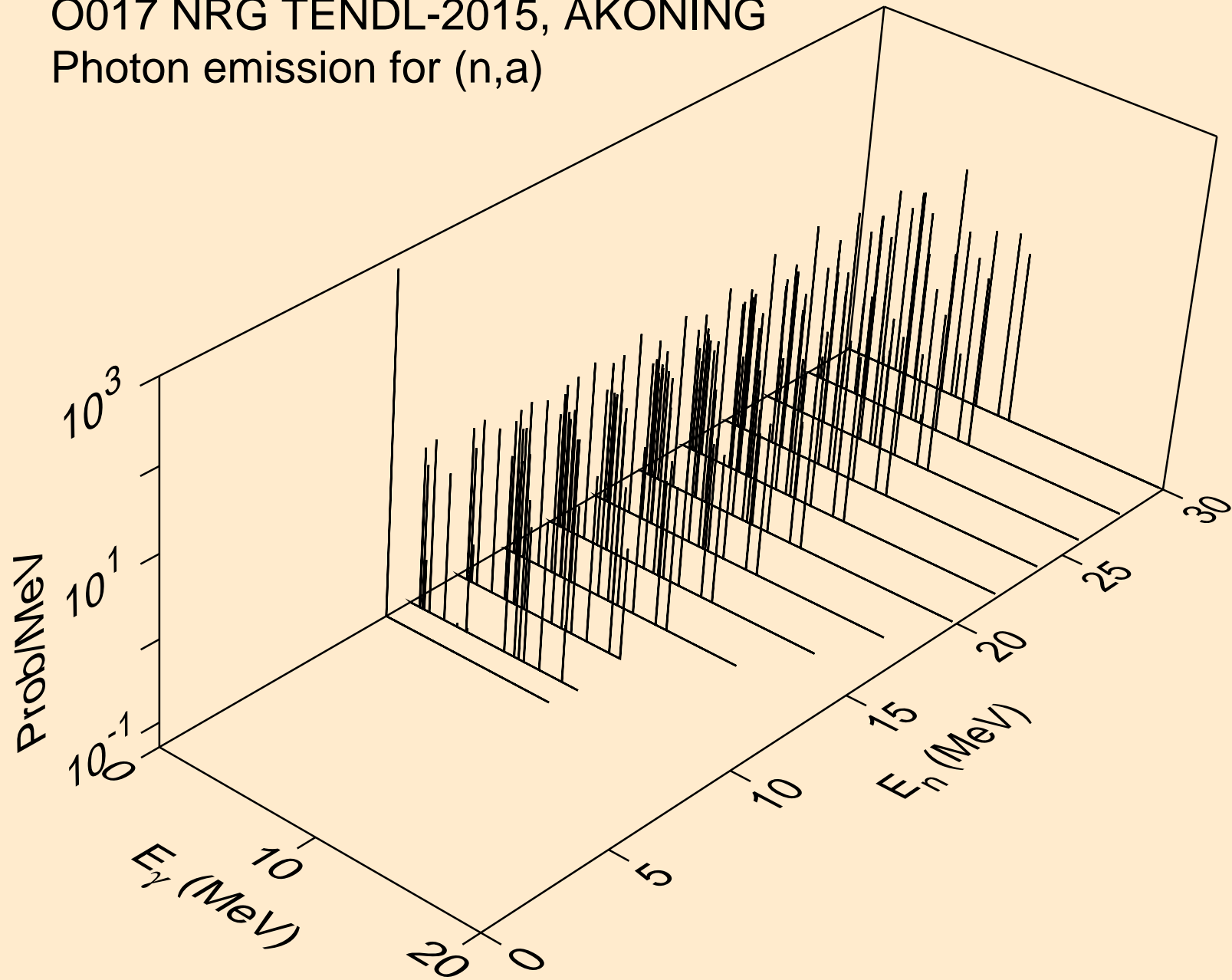
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



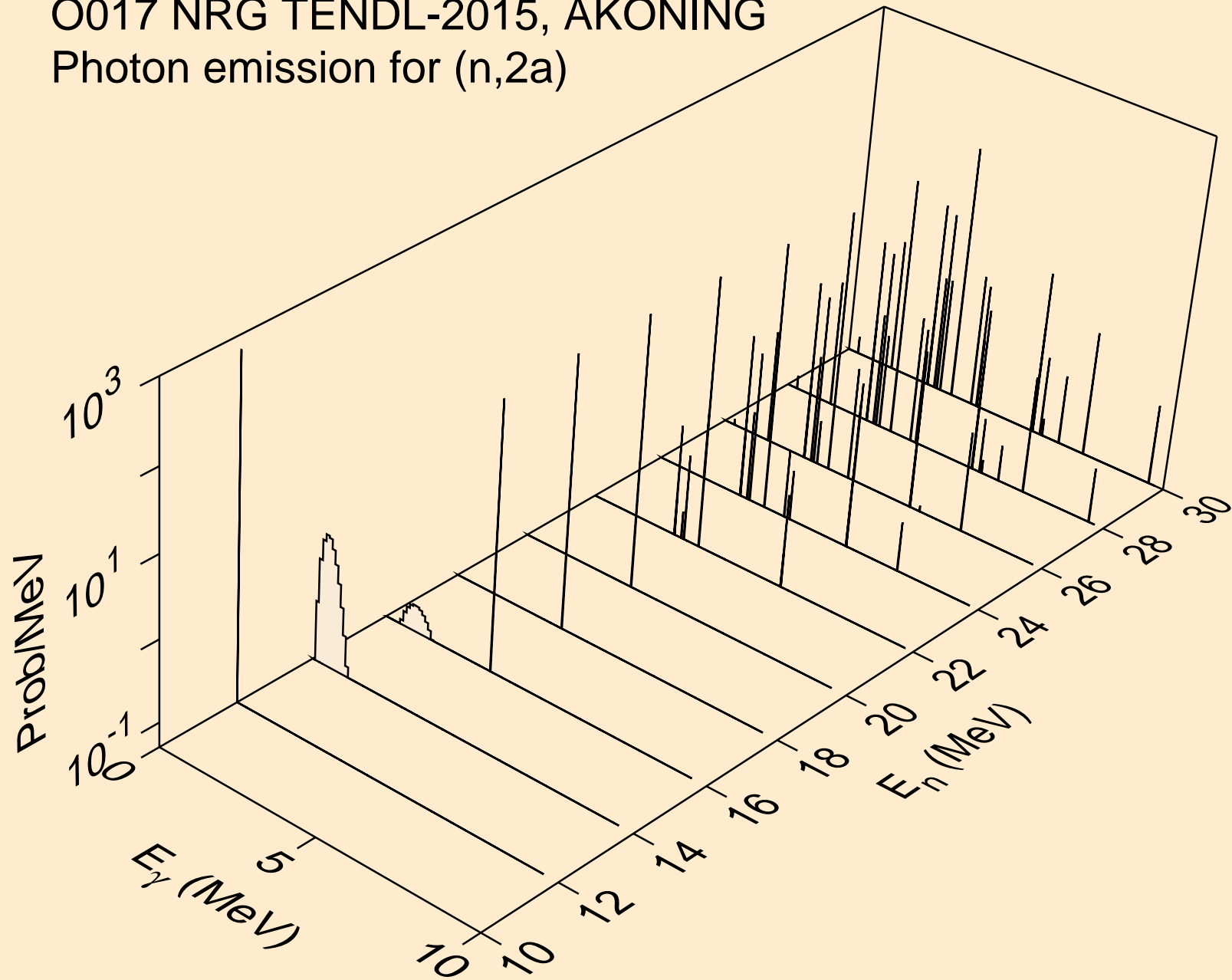
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



O017 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

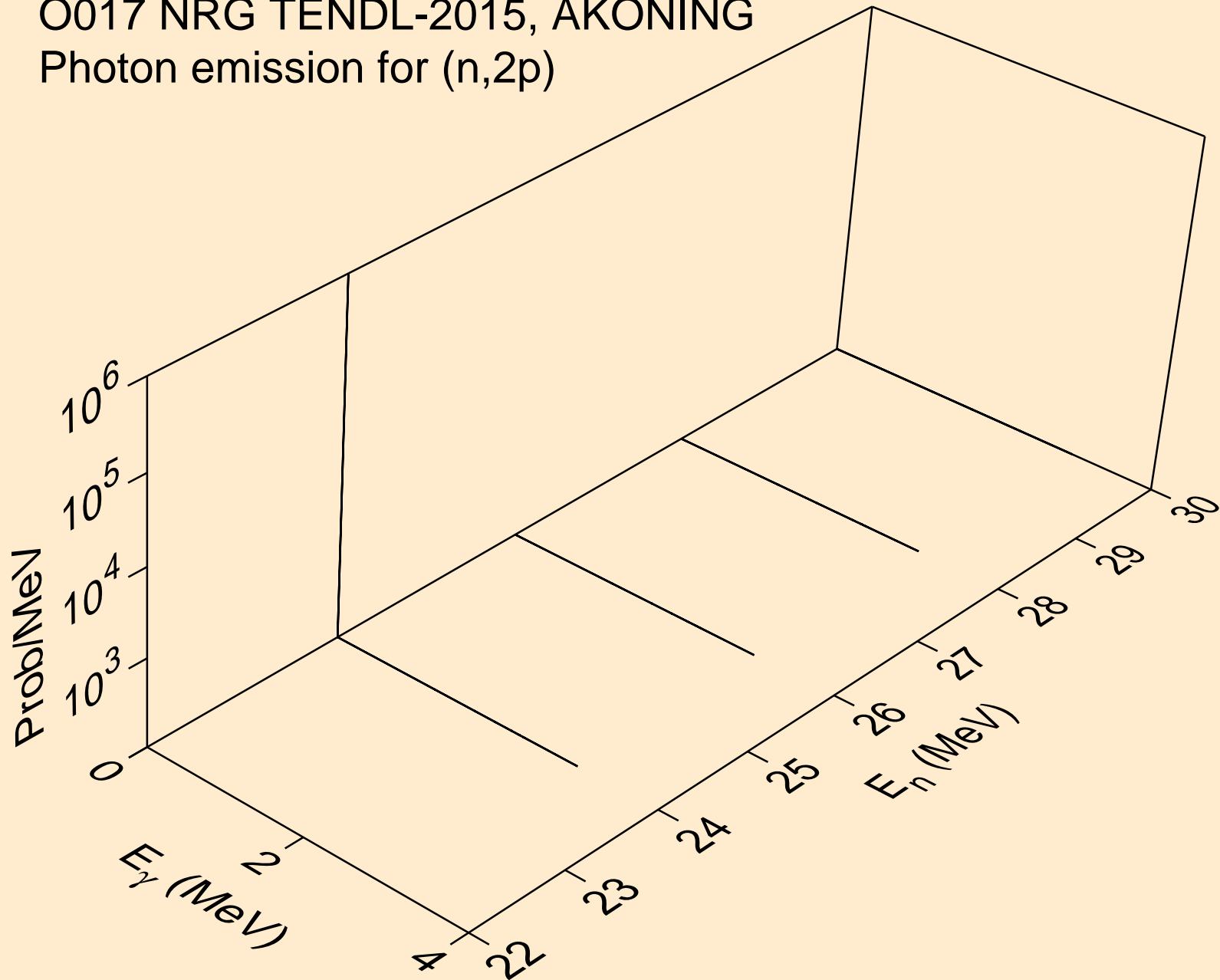


O017 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

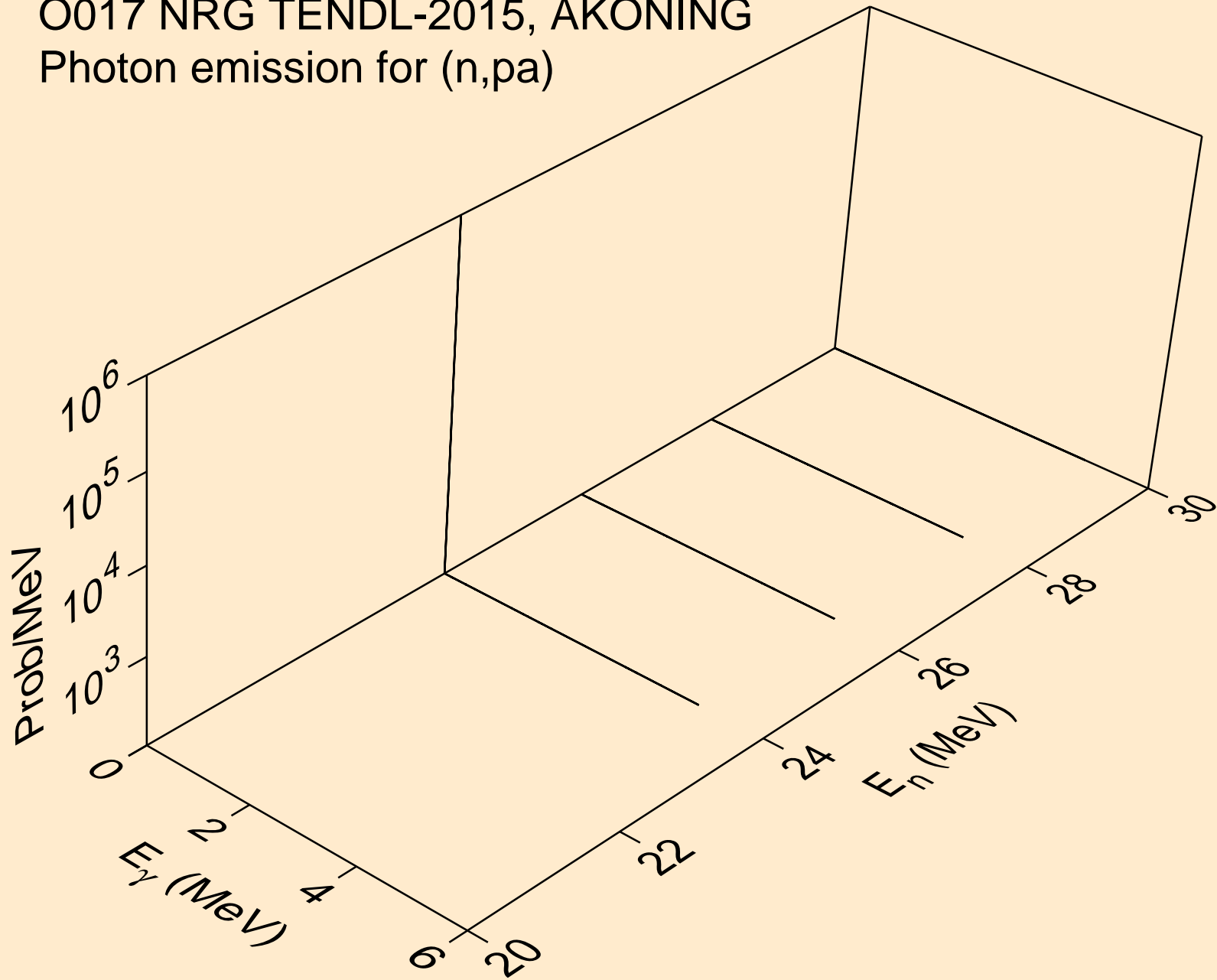




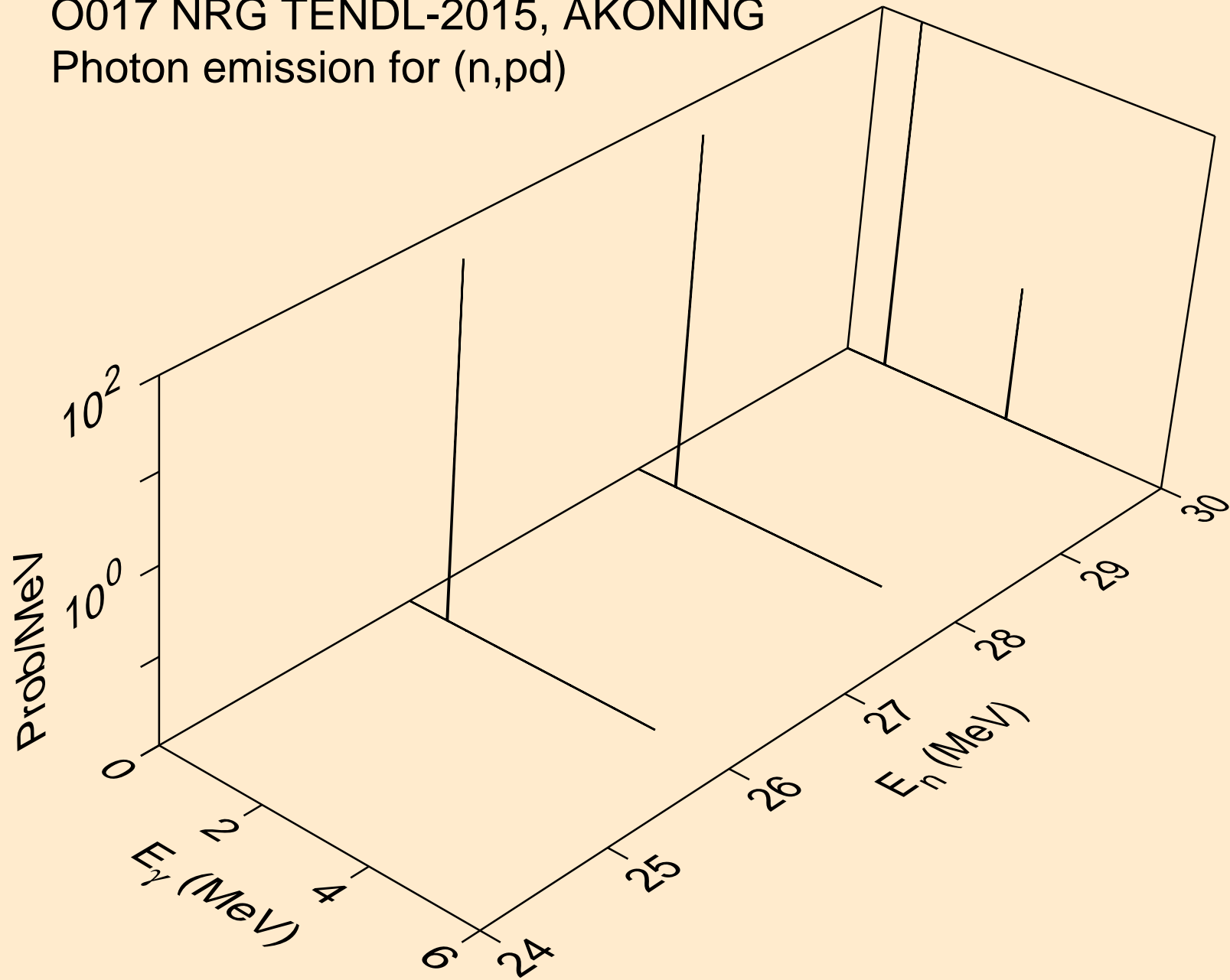
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Photon emission for (n,2p)



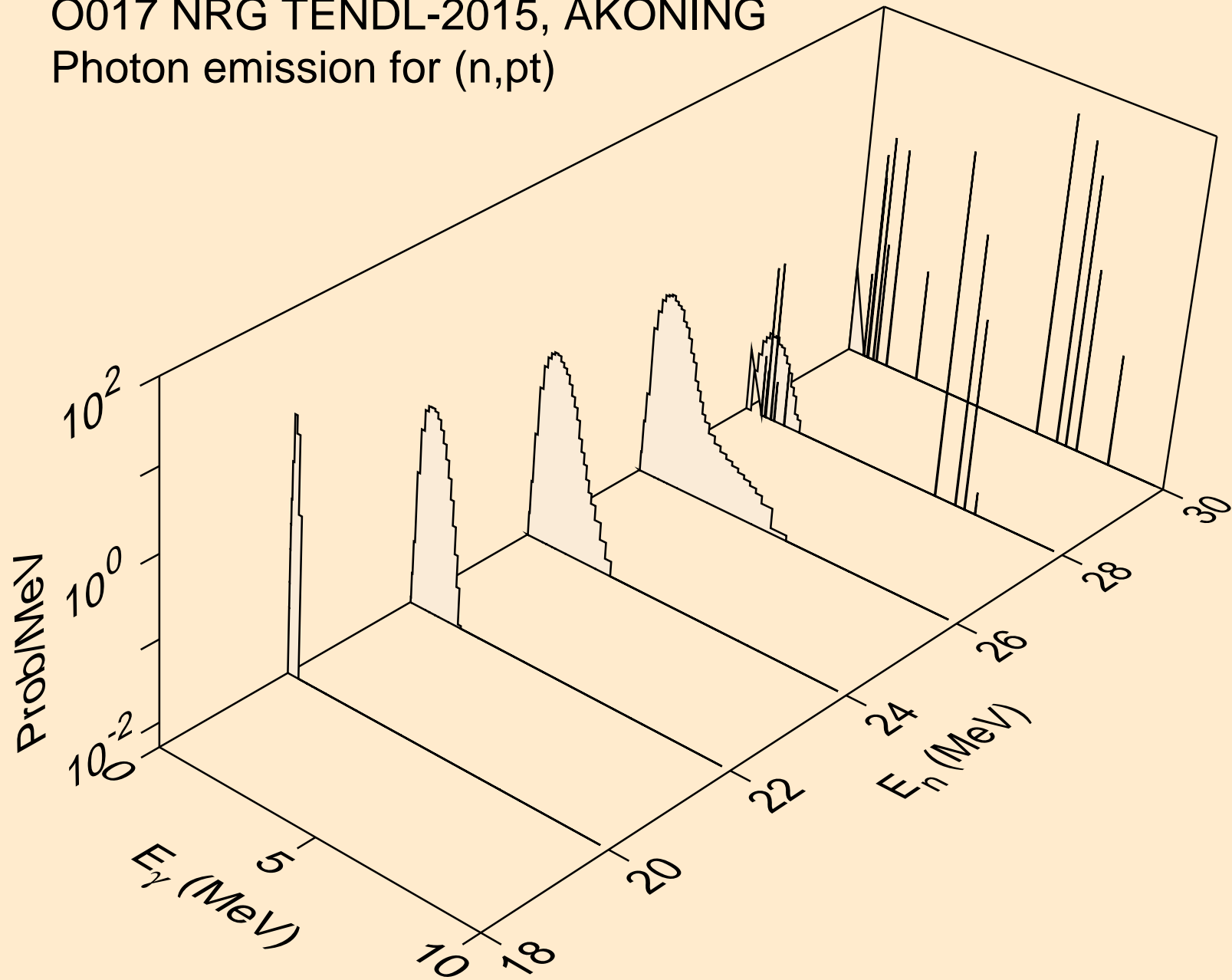
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



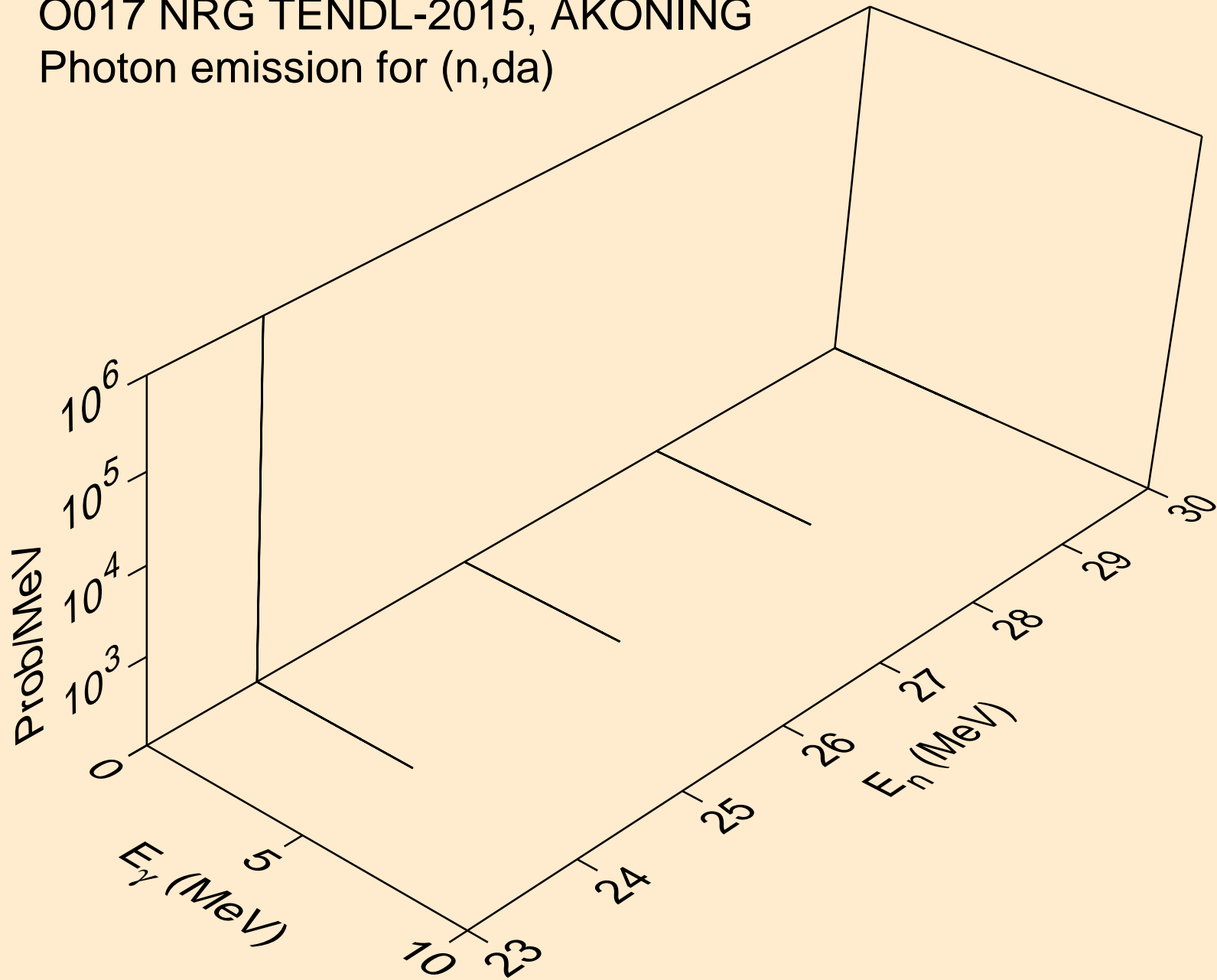
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



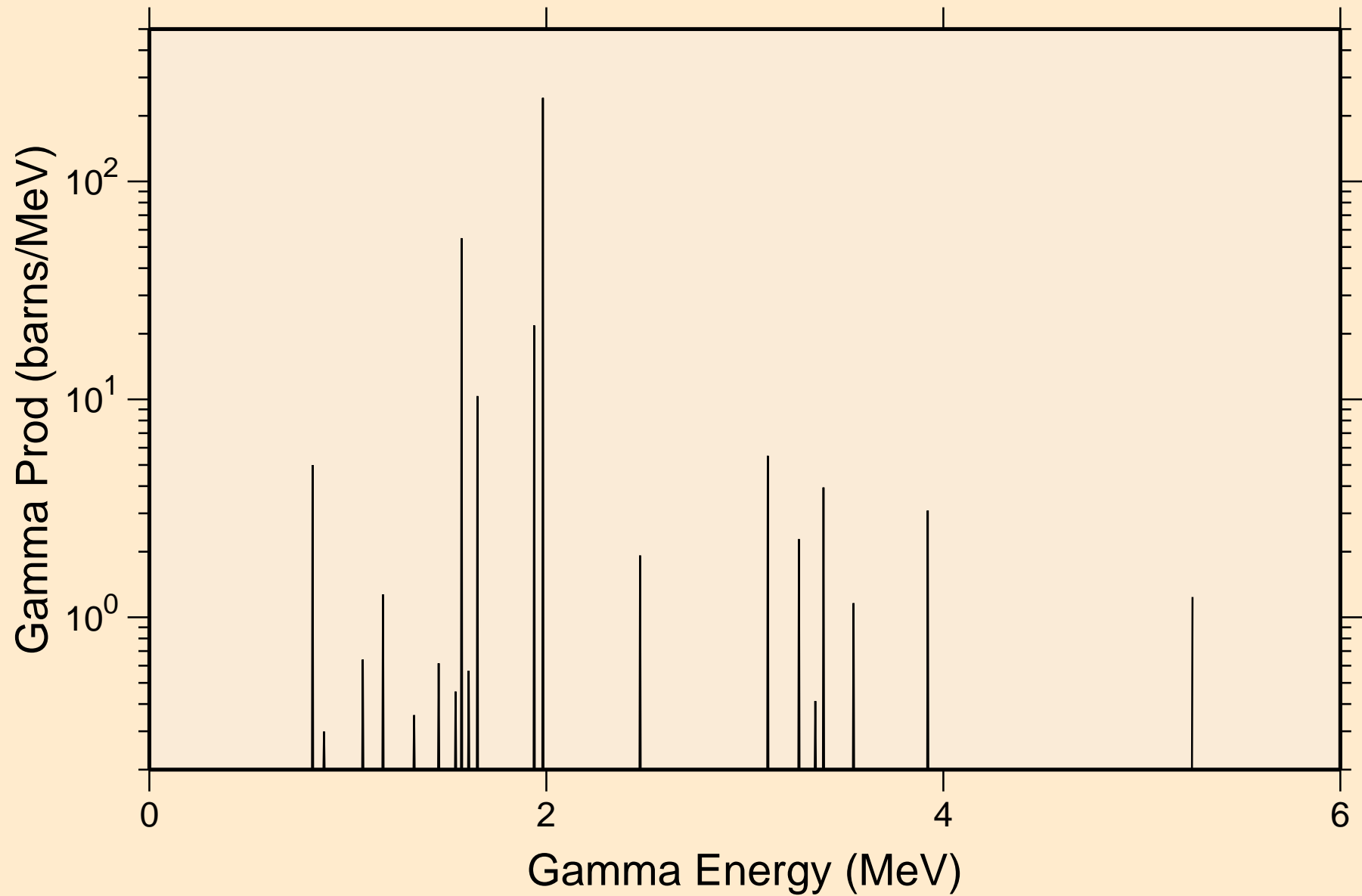
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



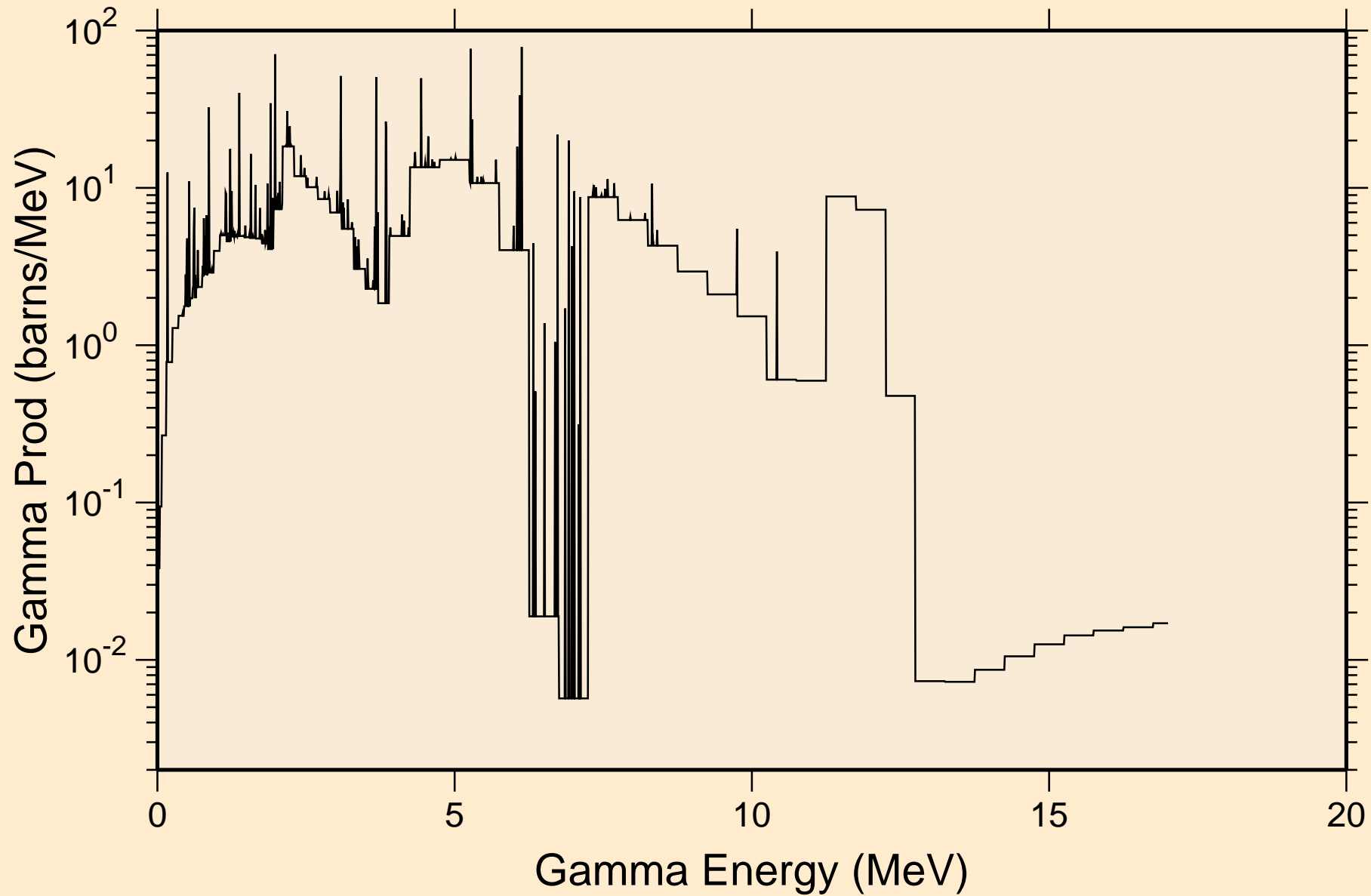
O017 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



O017 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

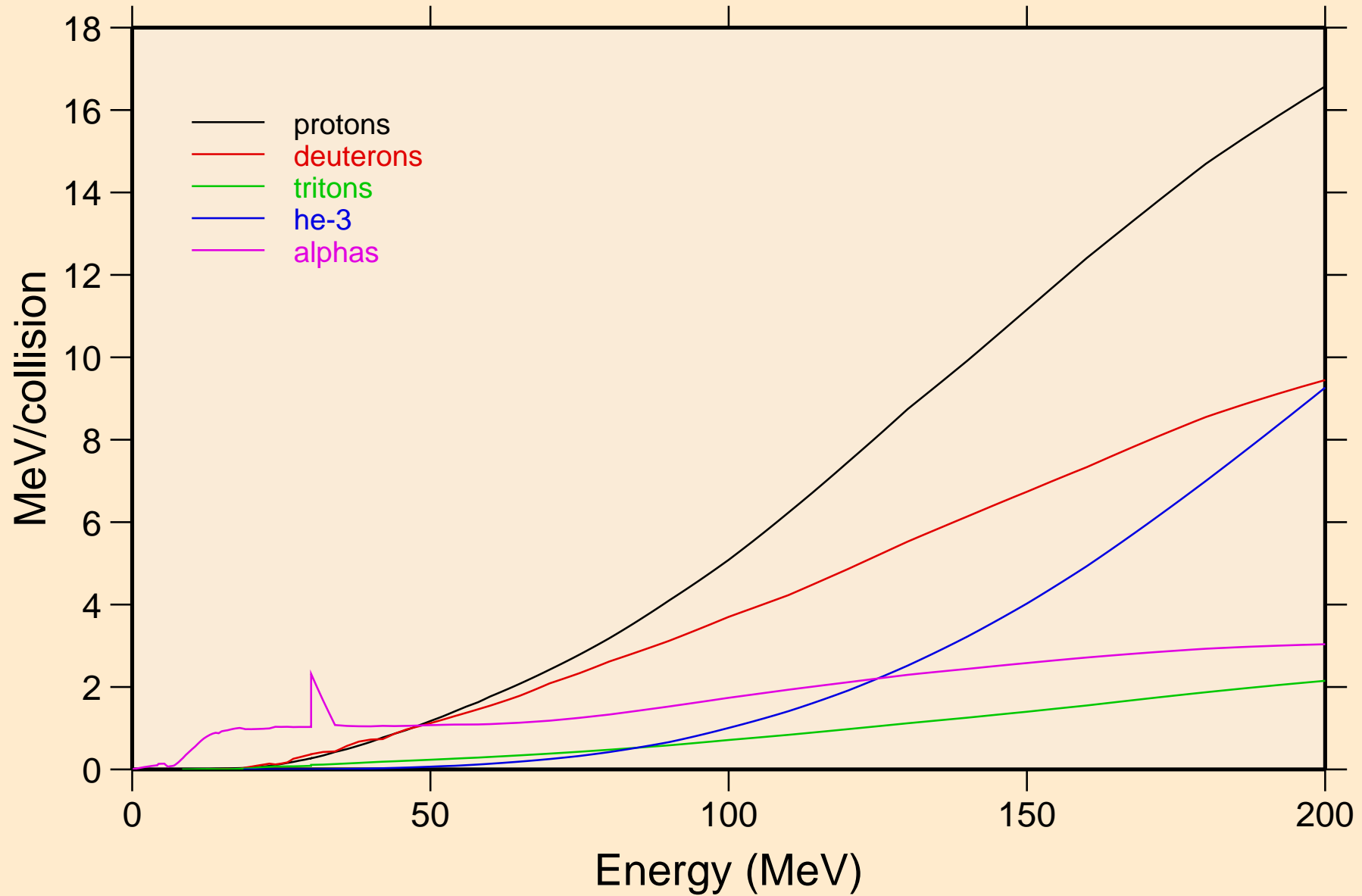


O017 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# O017 NRG TENDL-2015, AKONING

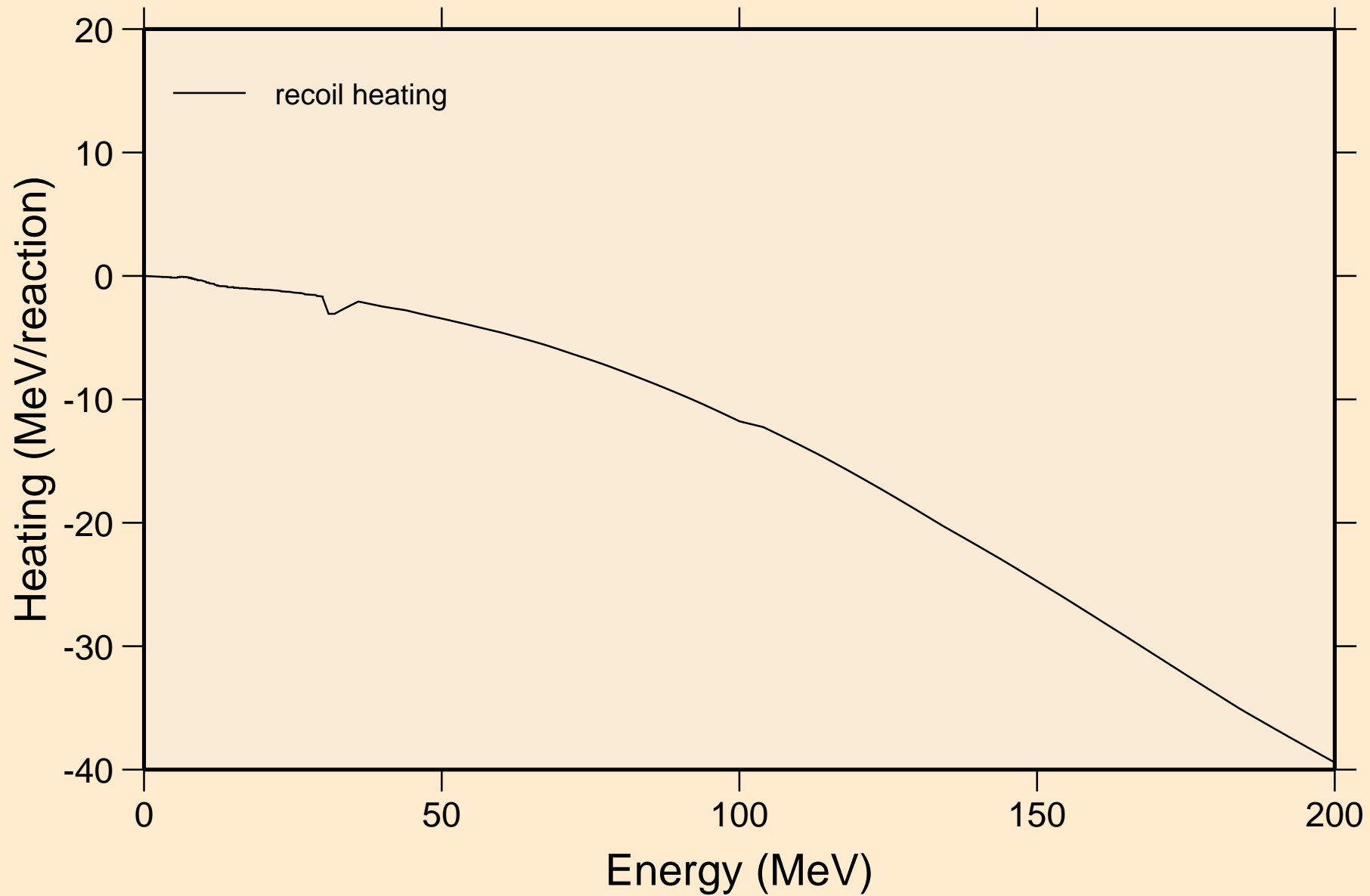
## Particle heating contributions





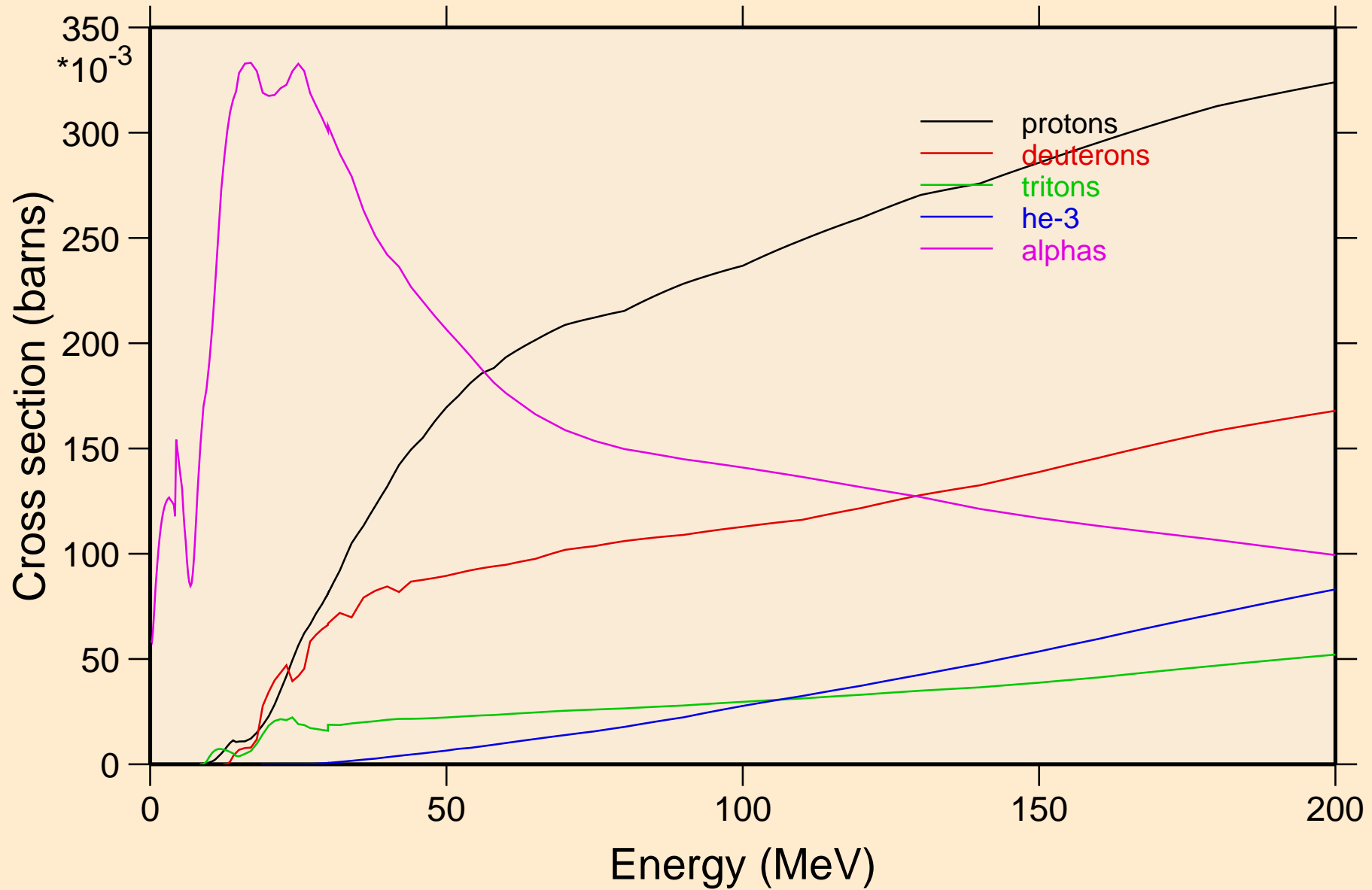
# O017 NRG TENDL-2015, AKONING

## Recoil Heating

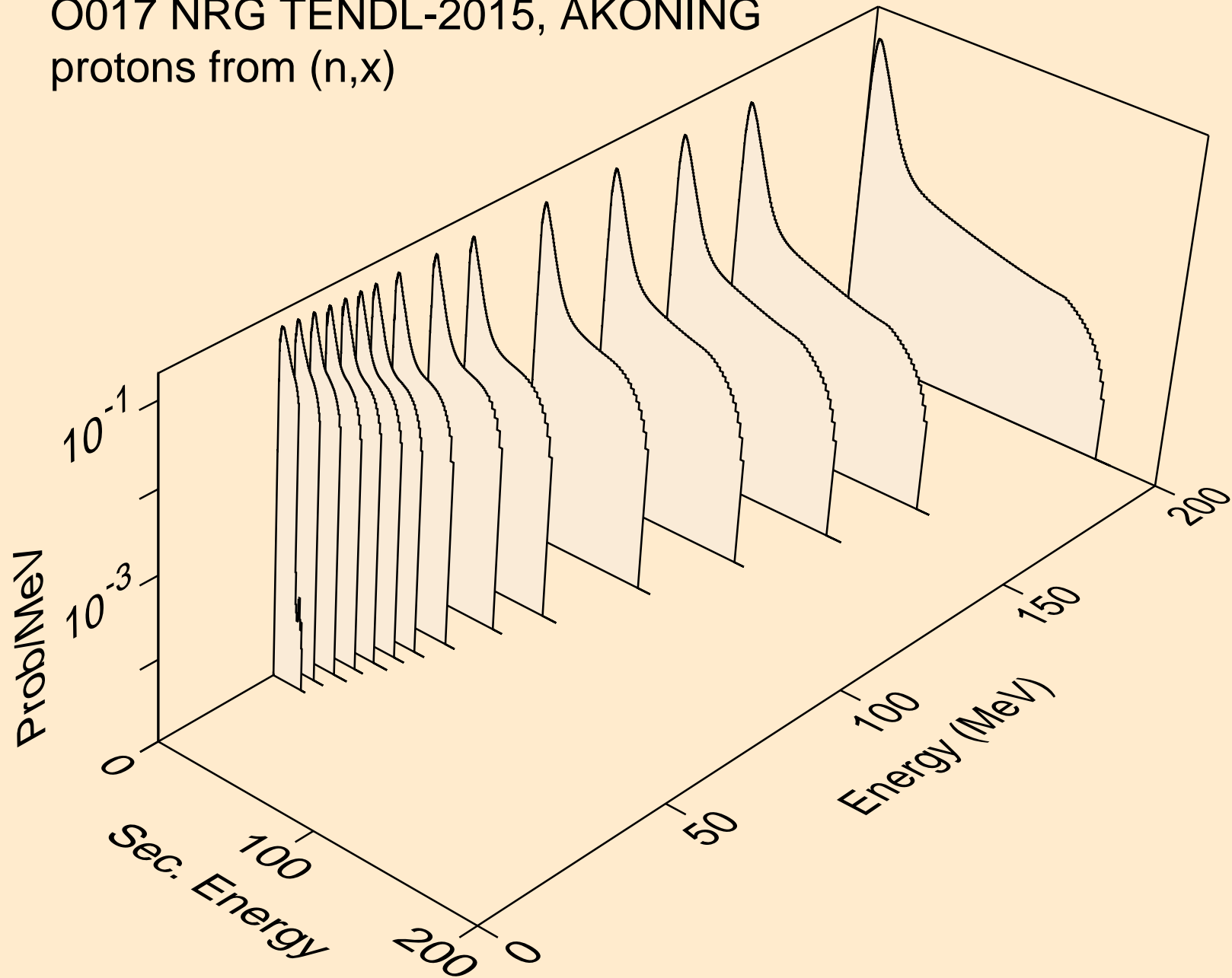


# O017 NRG TENDL-2015, AKONING

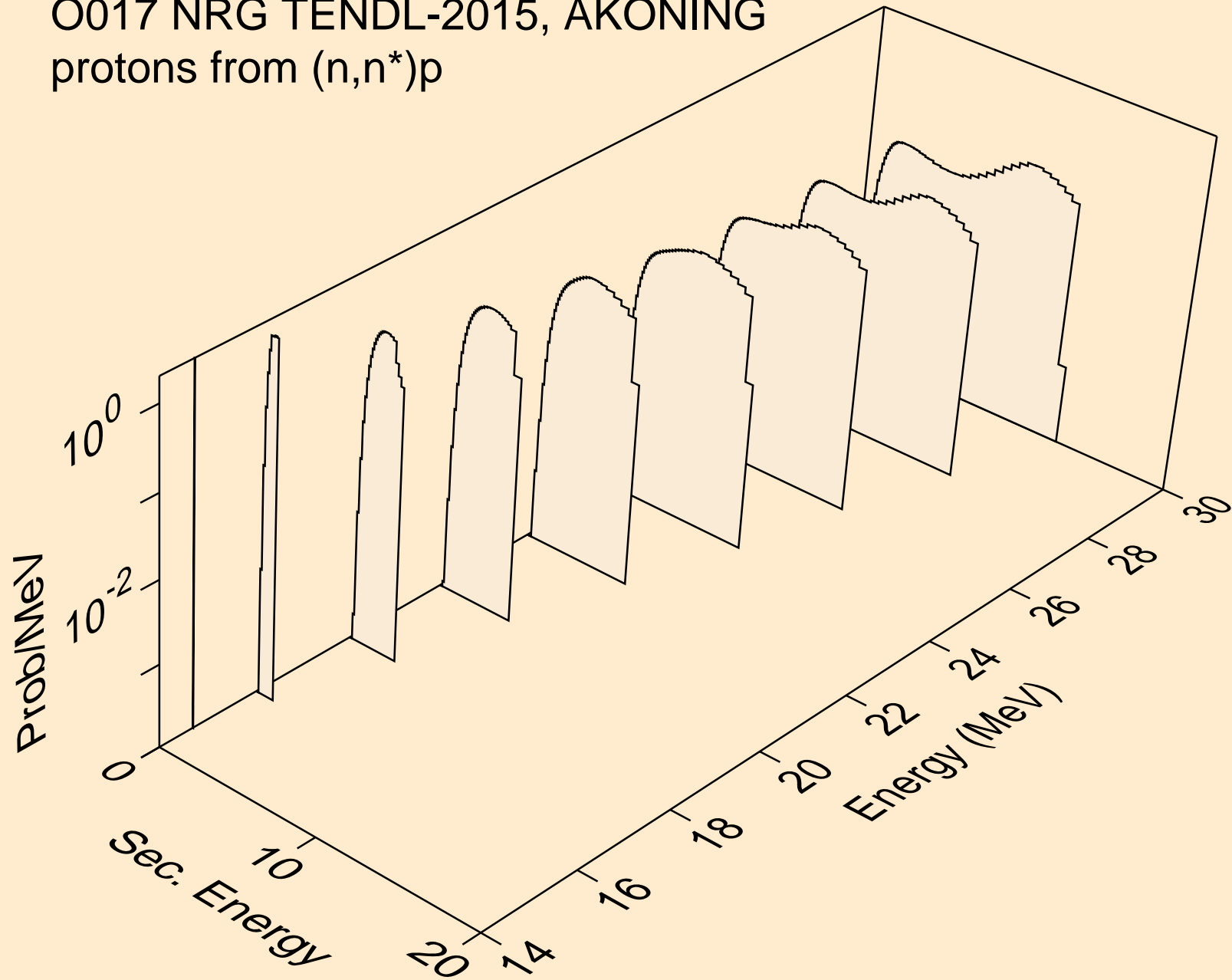
## Particle production cross sections



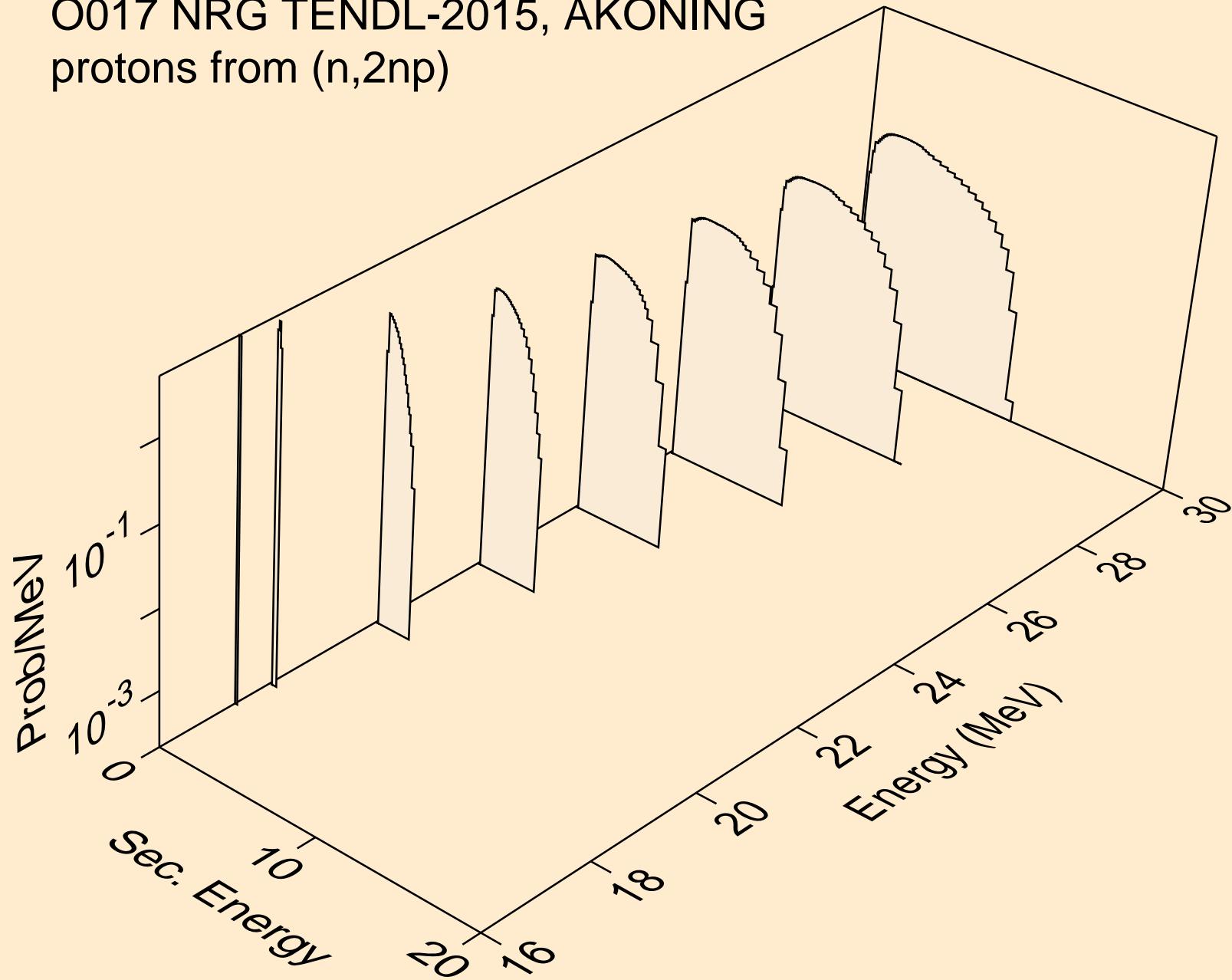
O017 NRG TENDL-2015, AKONING  
protons from (n,x)



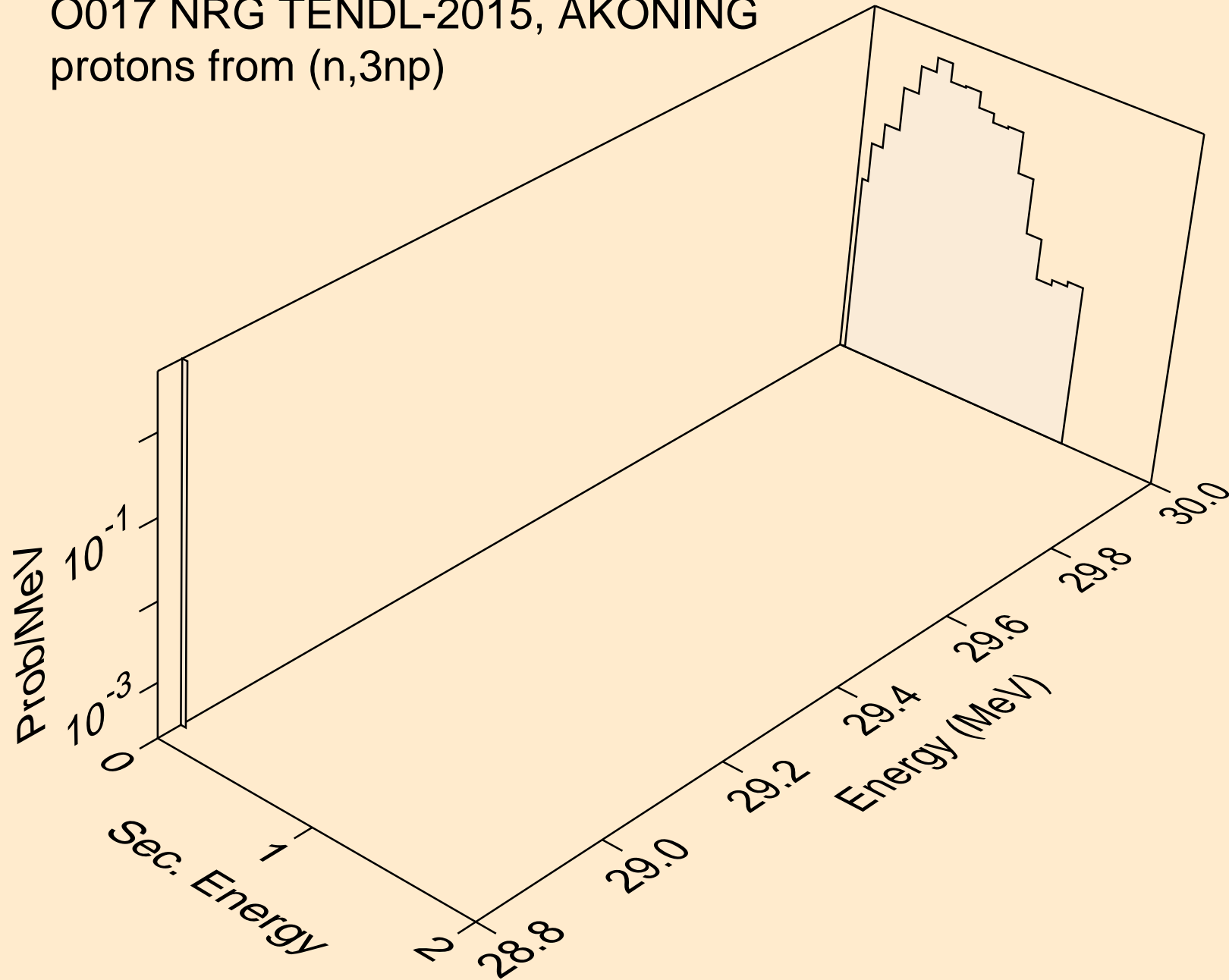
O017 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



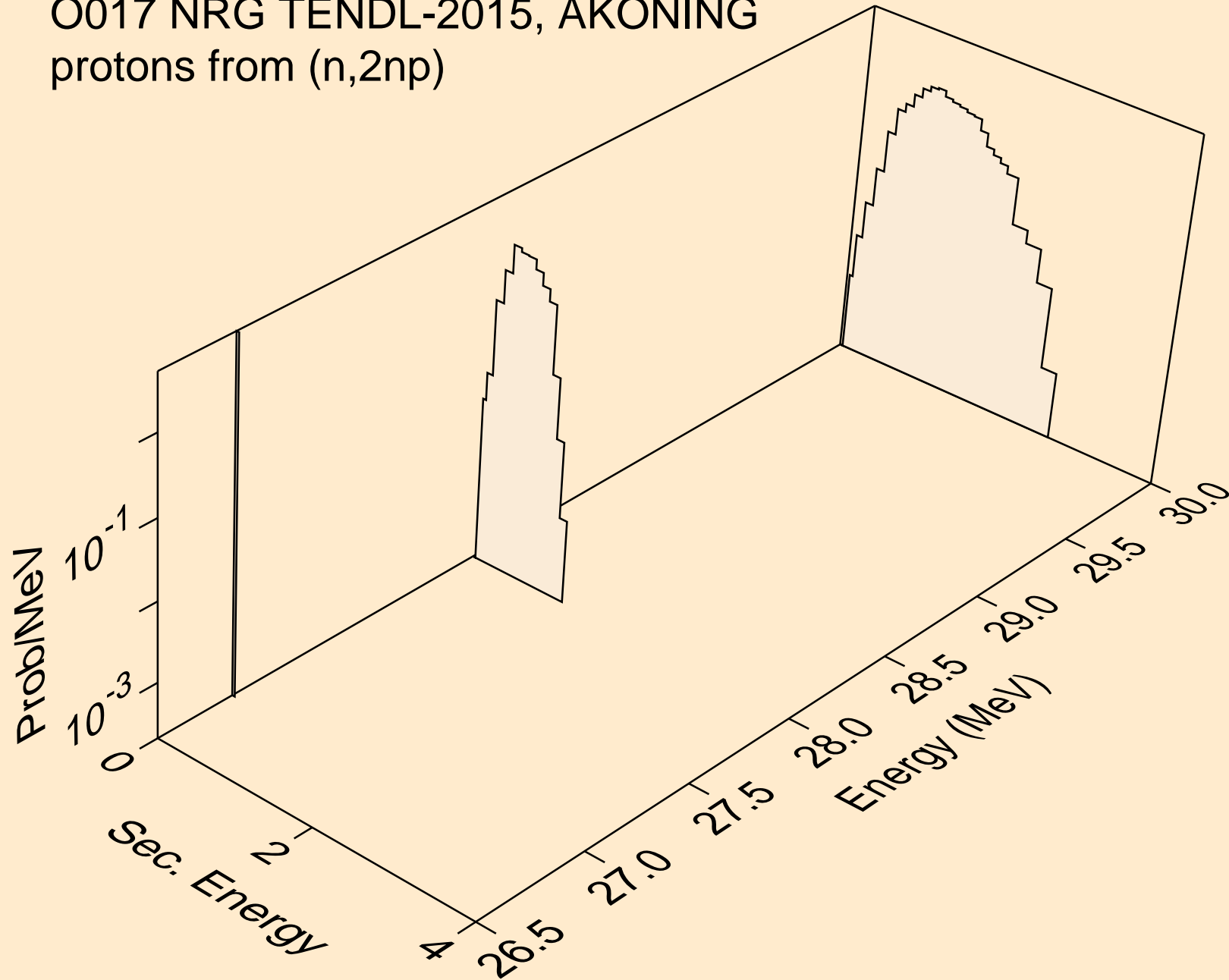
O017 NRG TENDL-2015, AKONING  
protons from (n,2np)



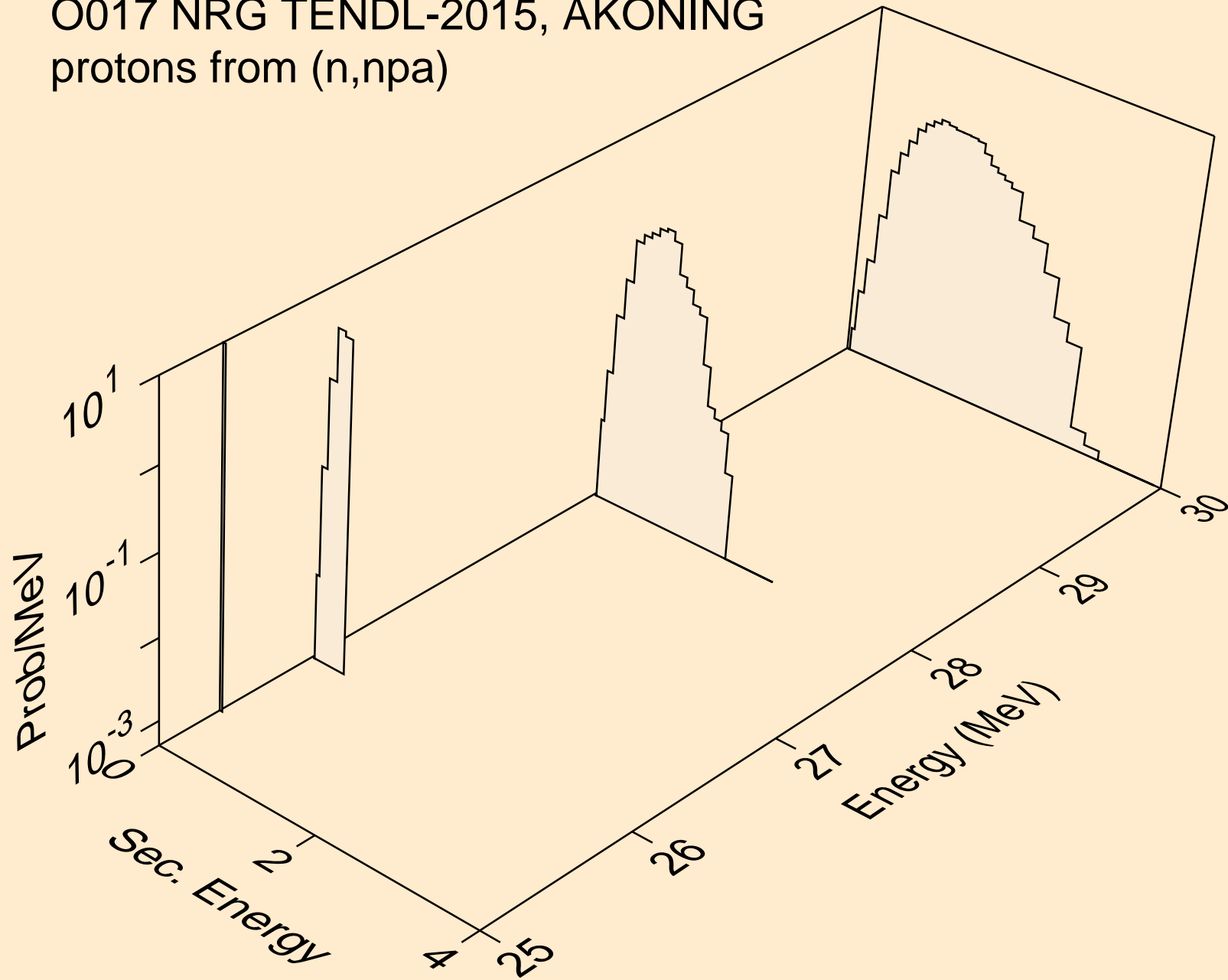
O017 NRG TENDL-2015, AKONING  
protons from (n,3np)



O017 NRG TENDL-2015, AKONING  
protons from (n,2np)

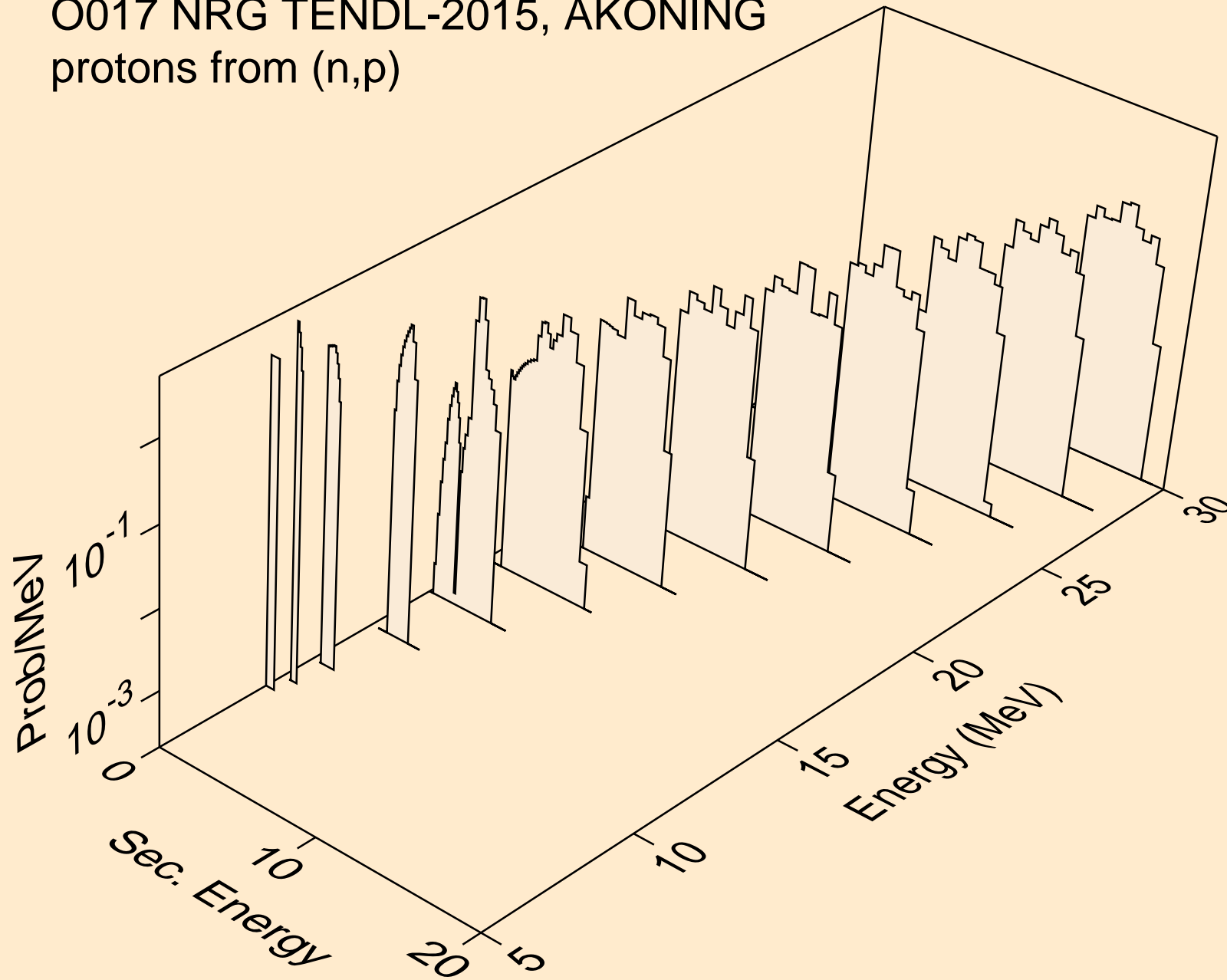


O017 NRG TENDL-2015, AKONING  
protons from (n,npa)

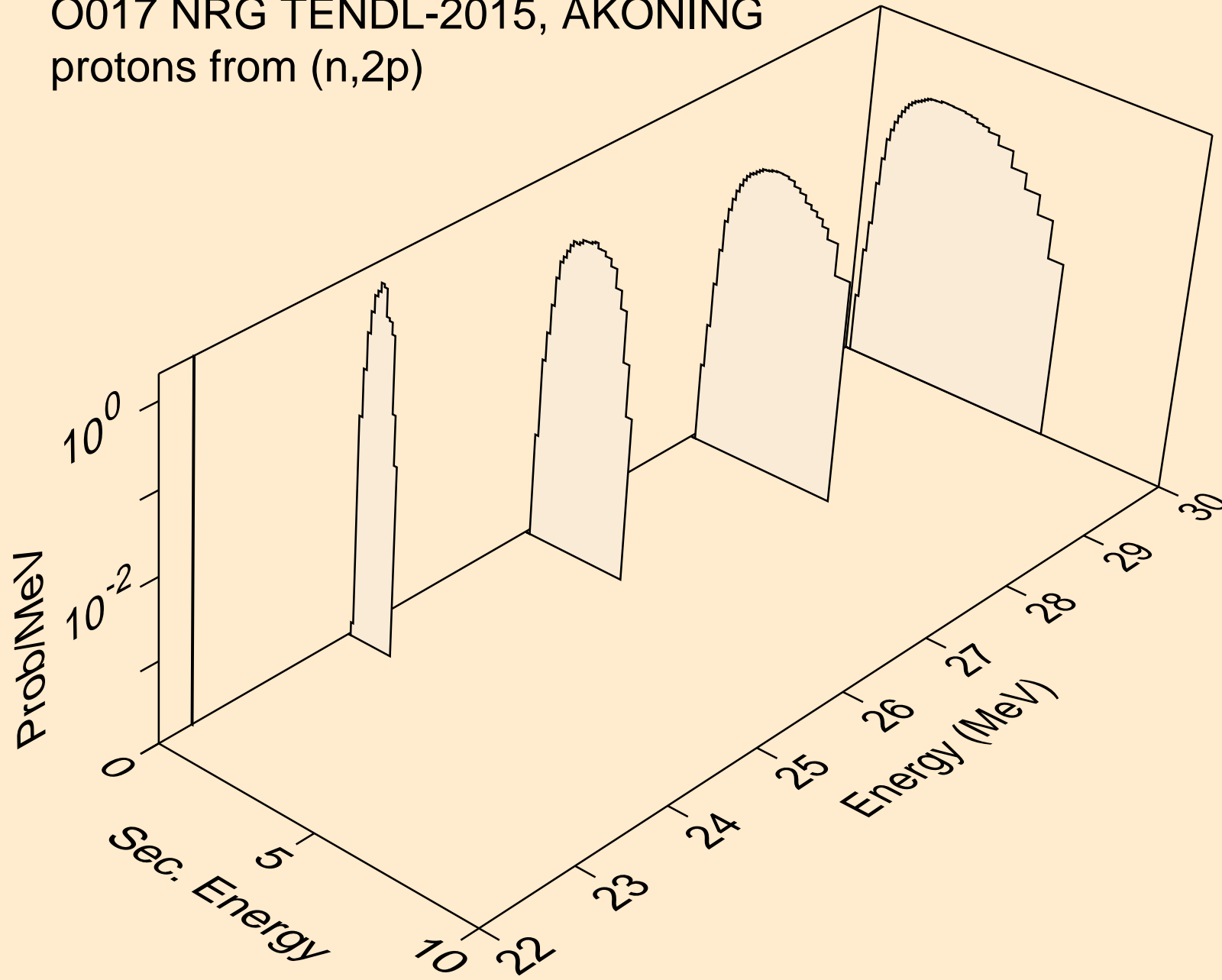




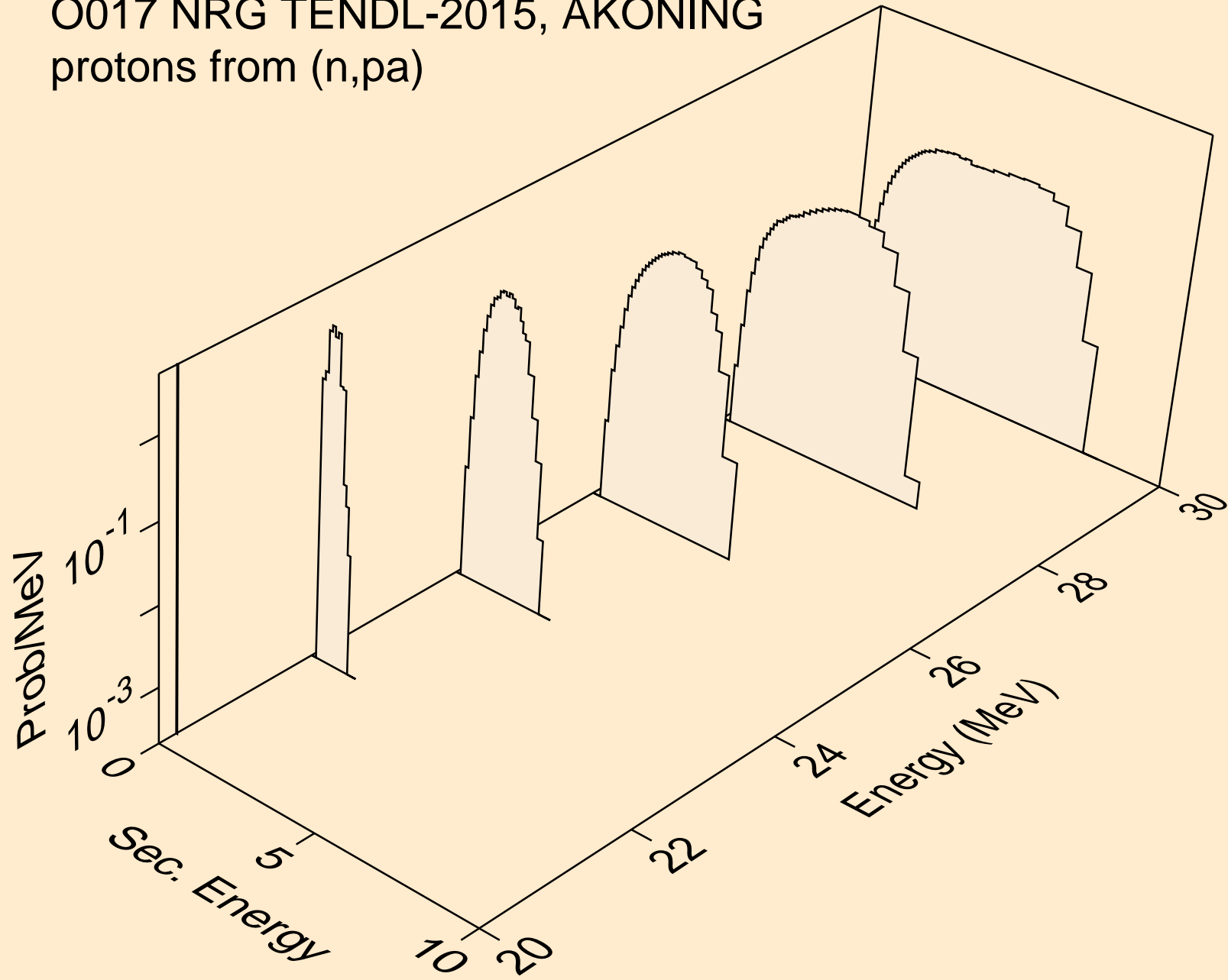
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protons from (n,p)



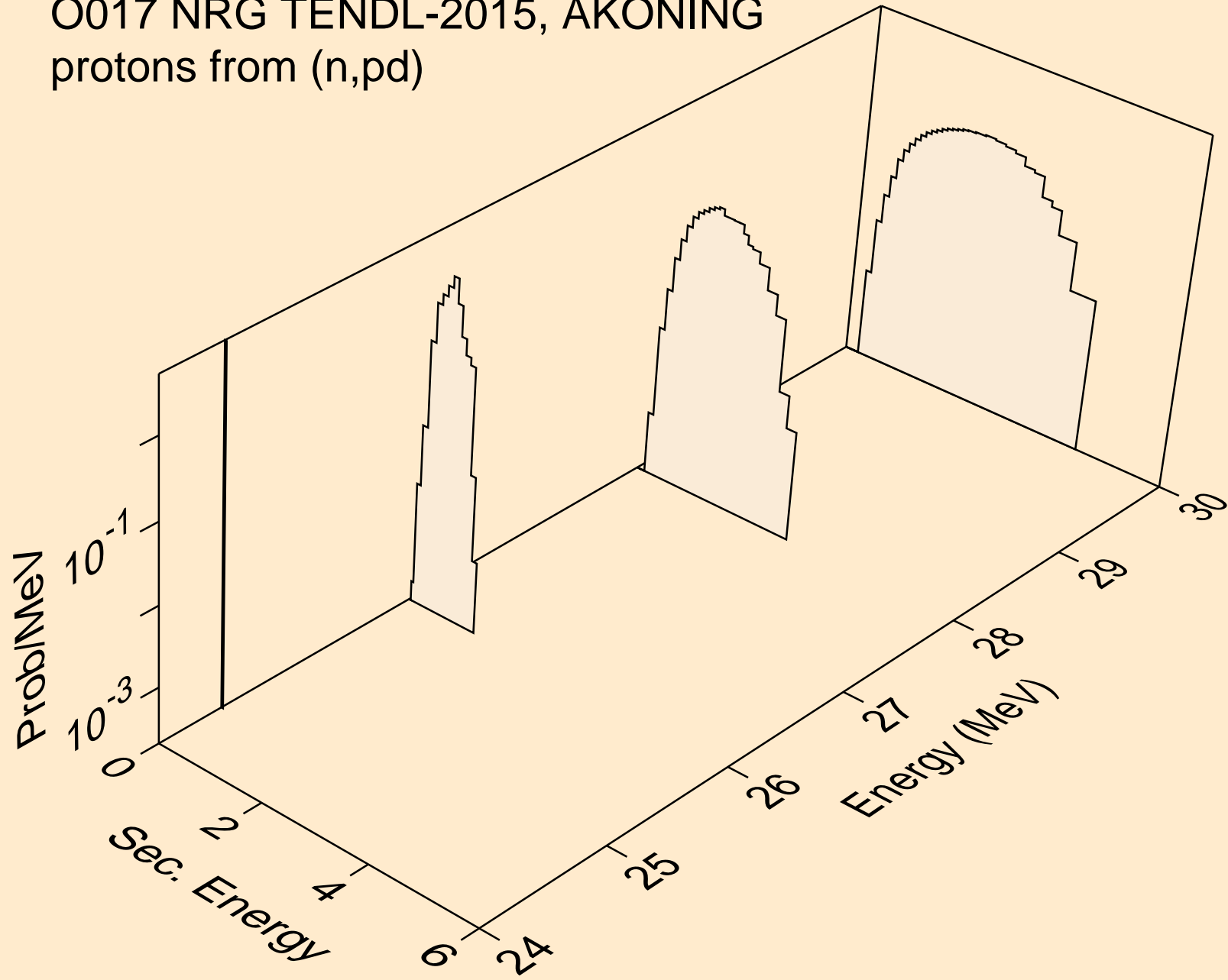
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protons from (n,2p)



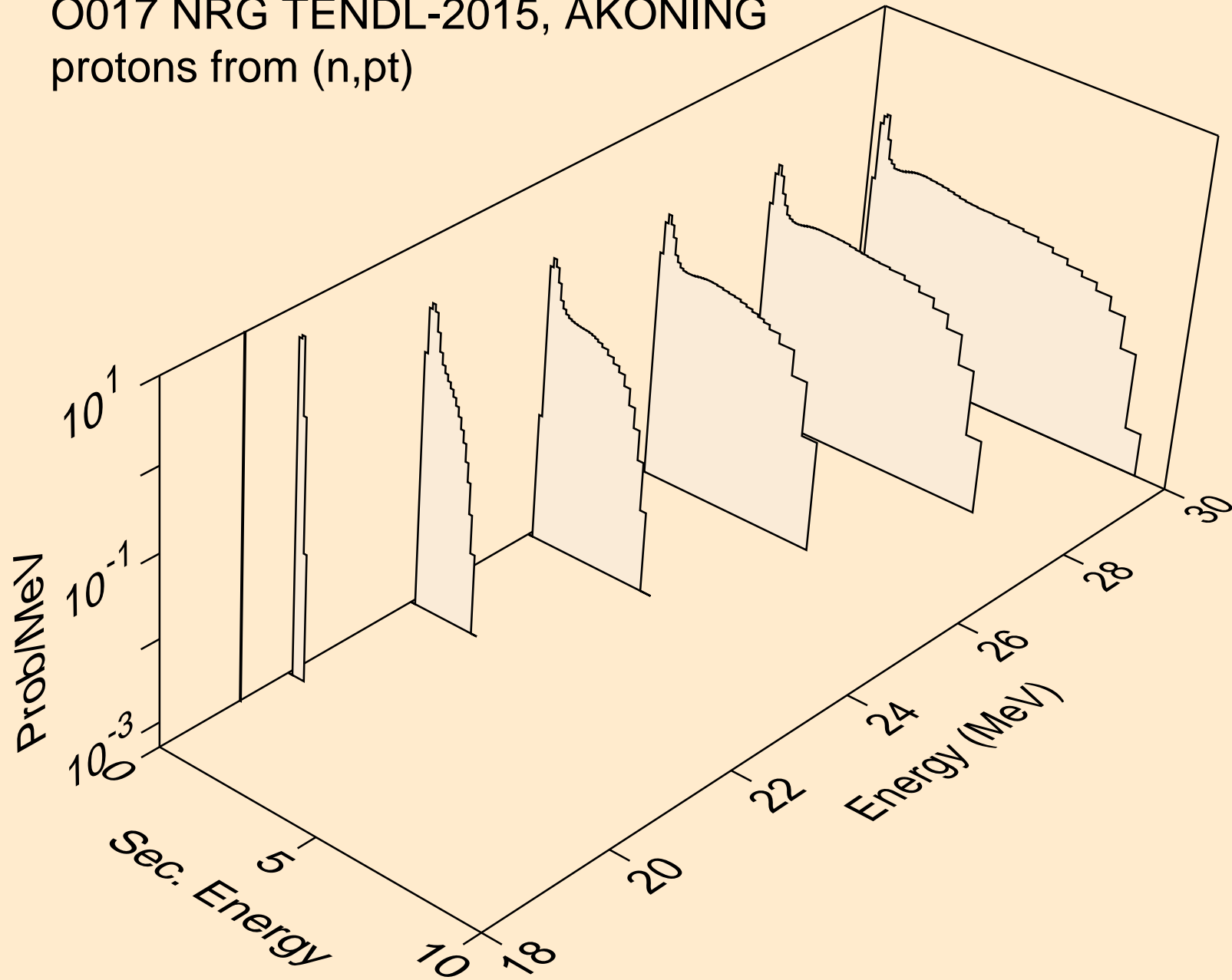
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protons from (n,pa)



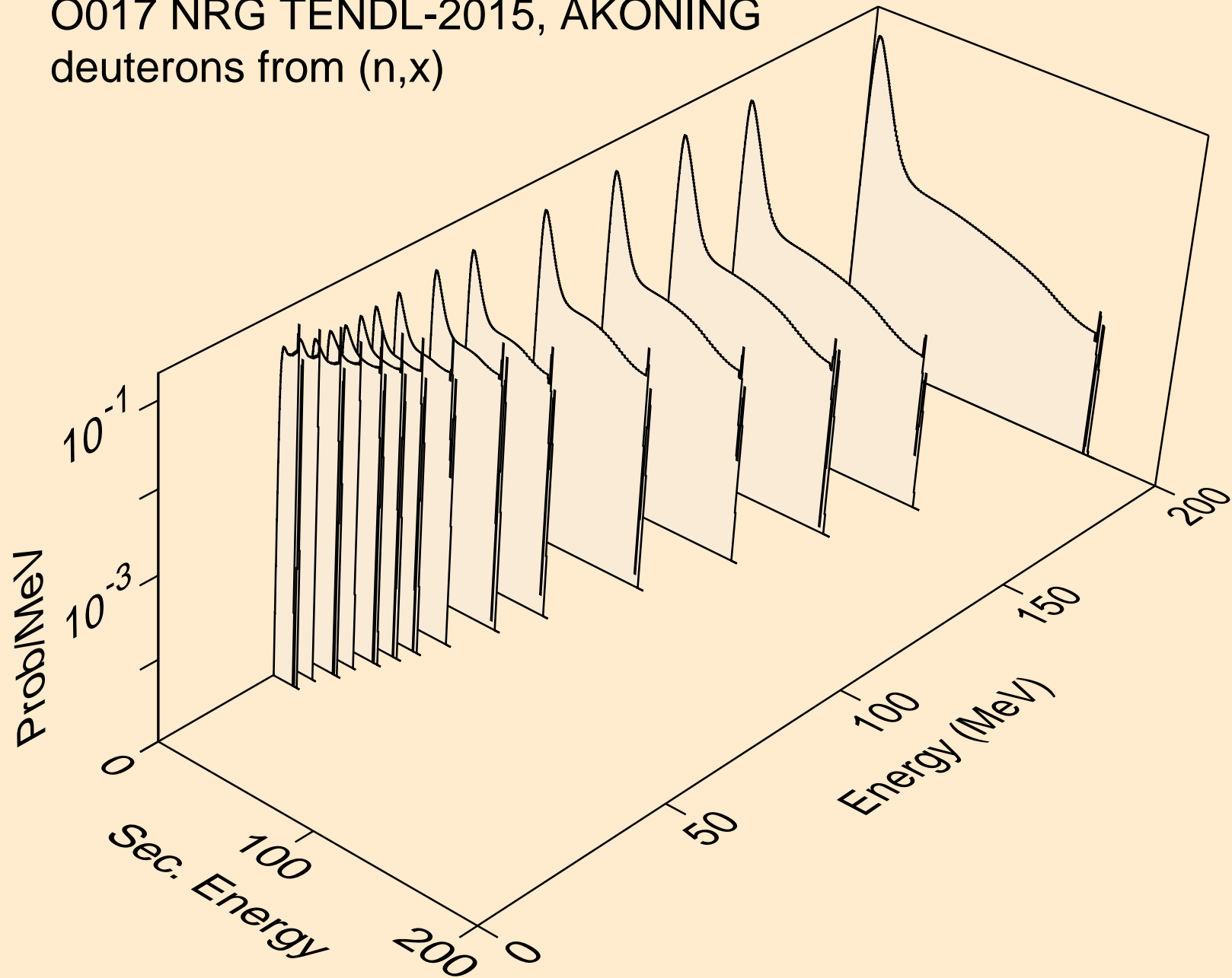
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protons from (n,pd)



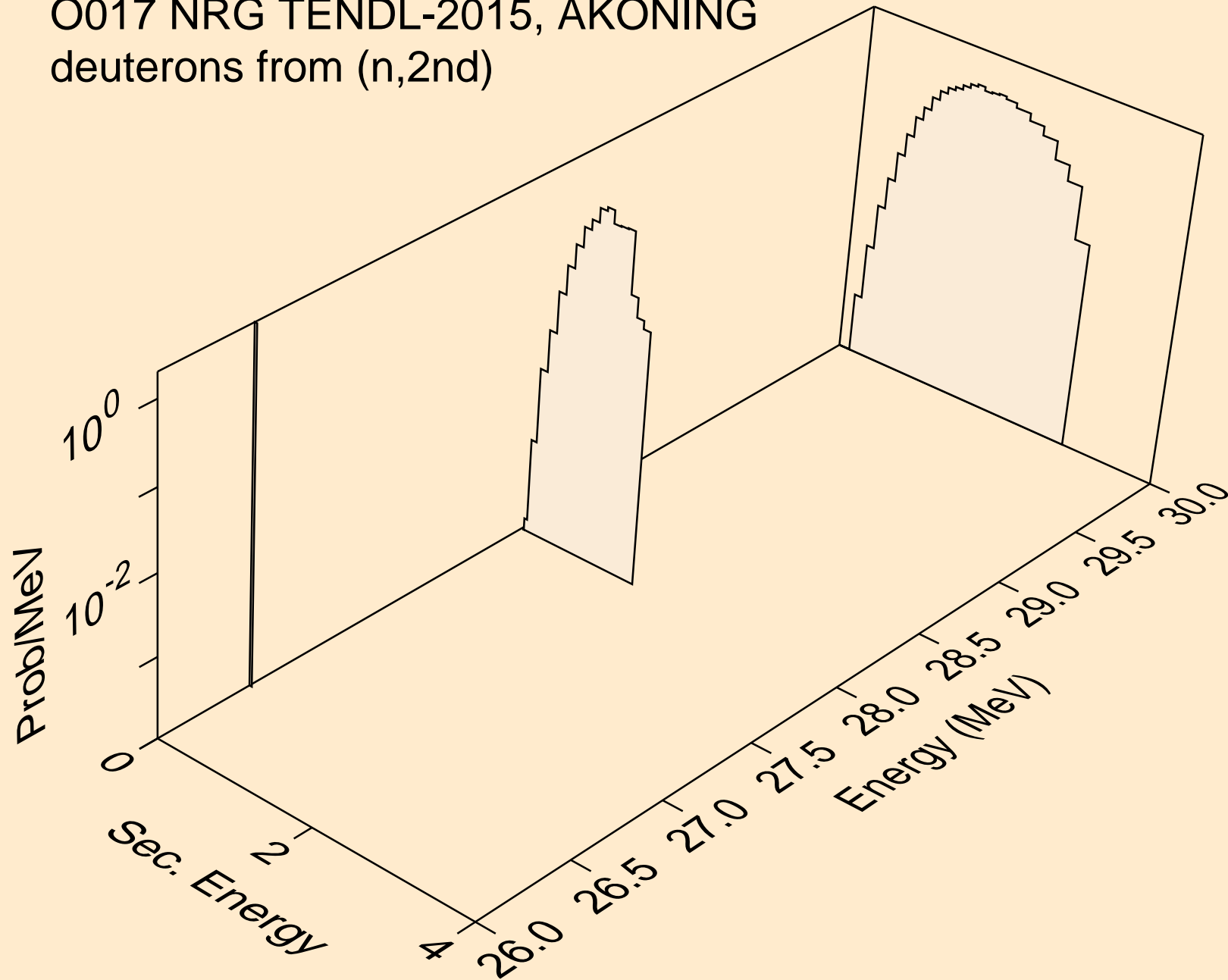
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protons from (n,pt)



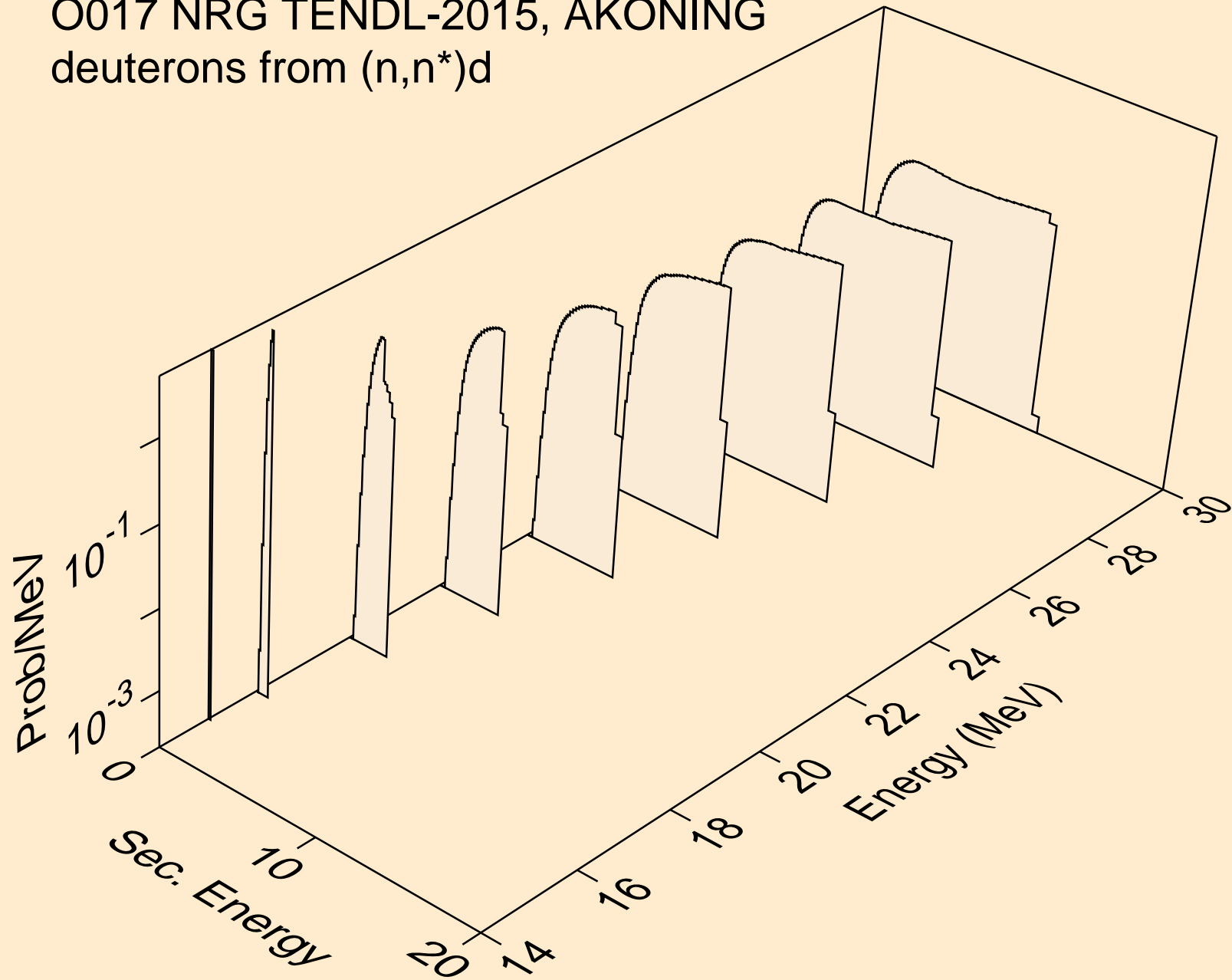
O017 NRG TENDL-2015, AKONING  
deuterons from (n,x)



O017 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

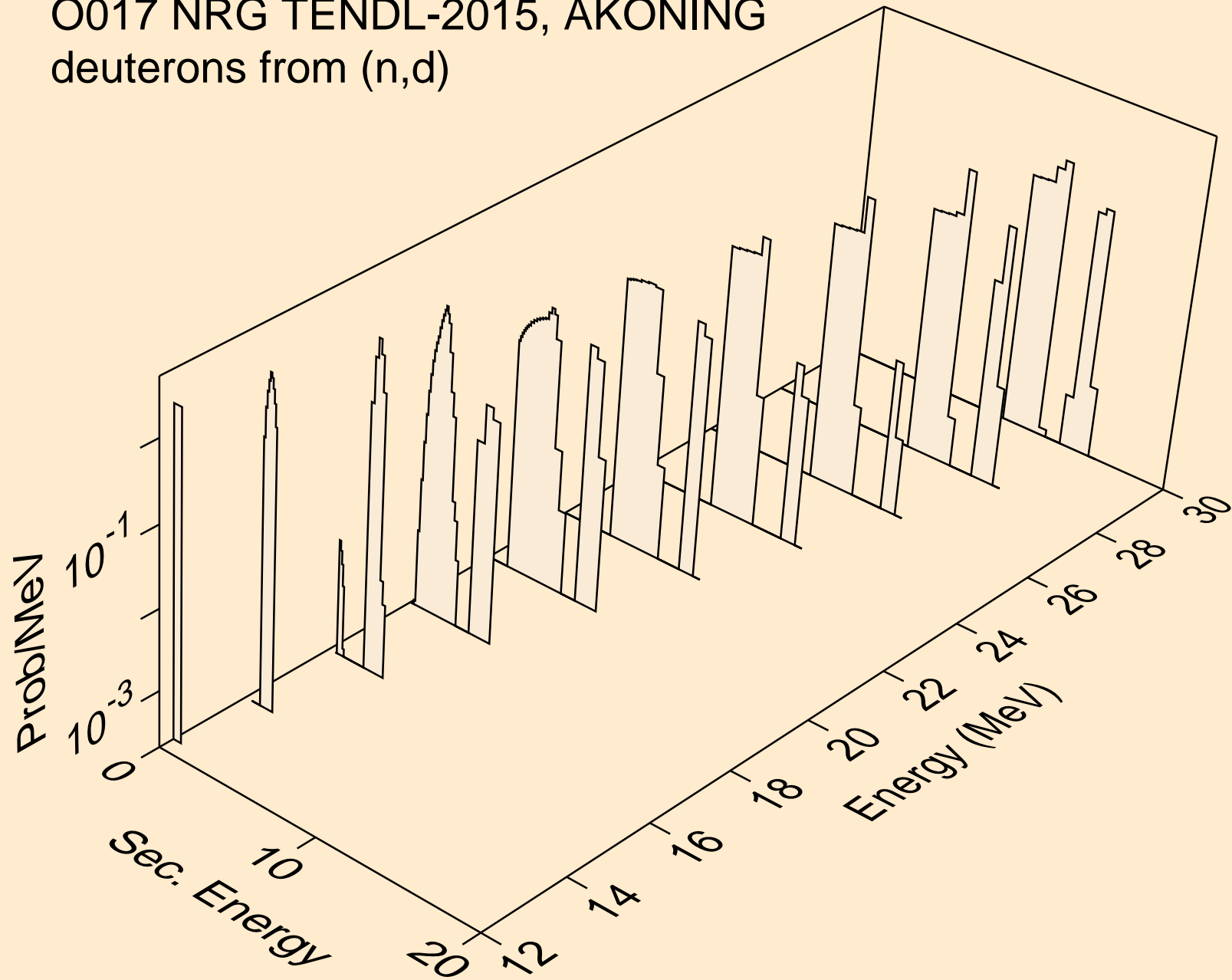


O017 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

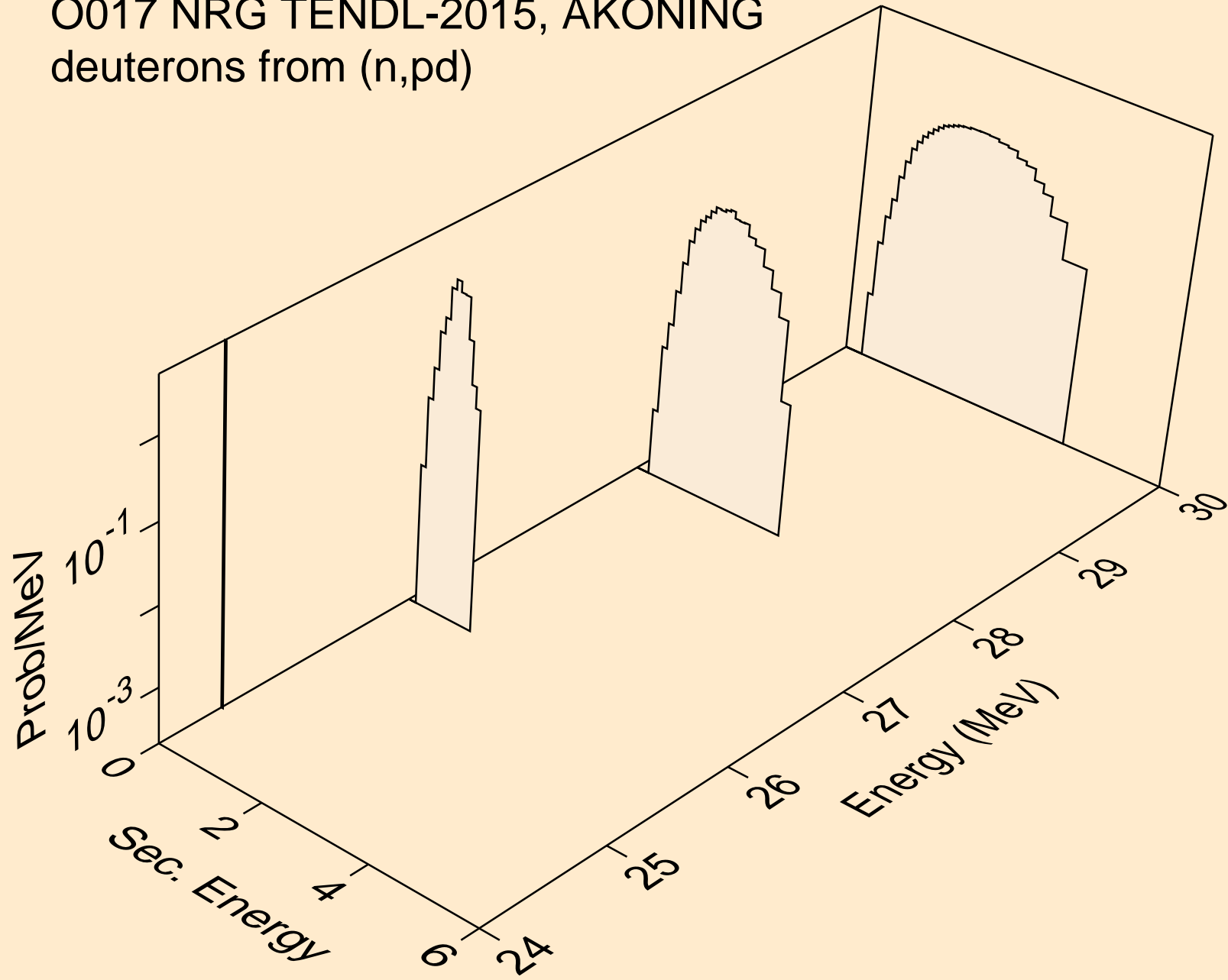




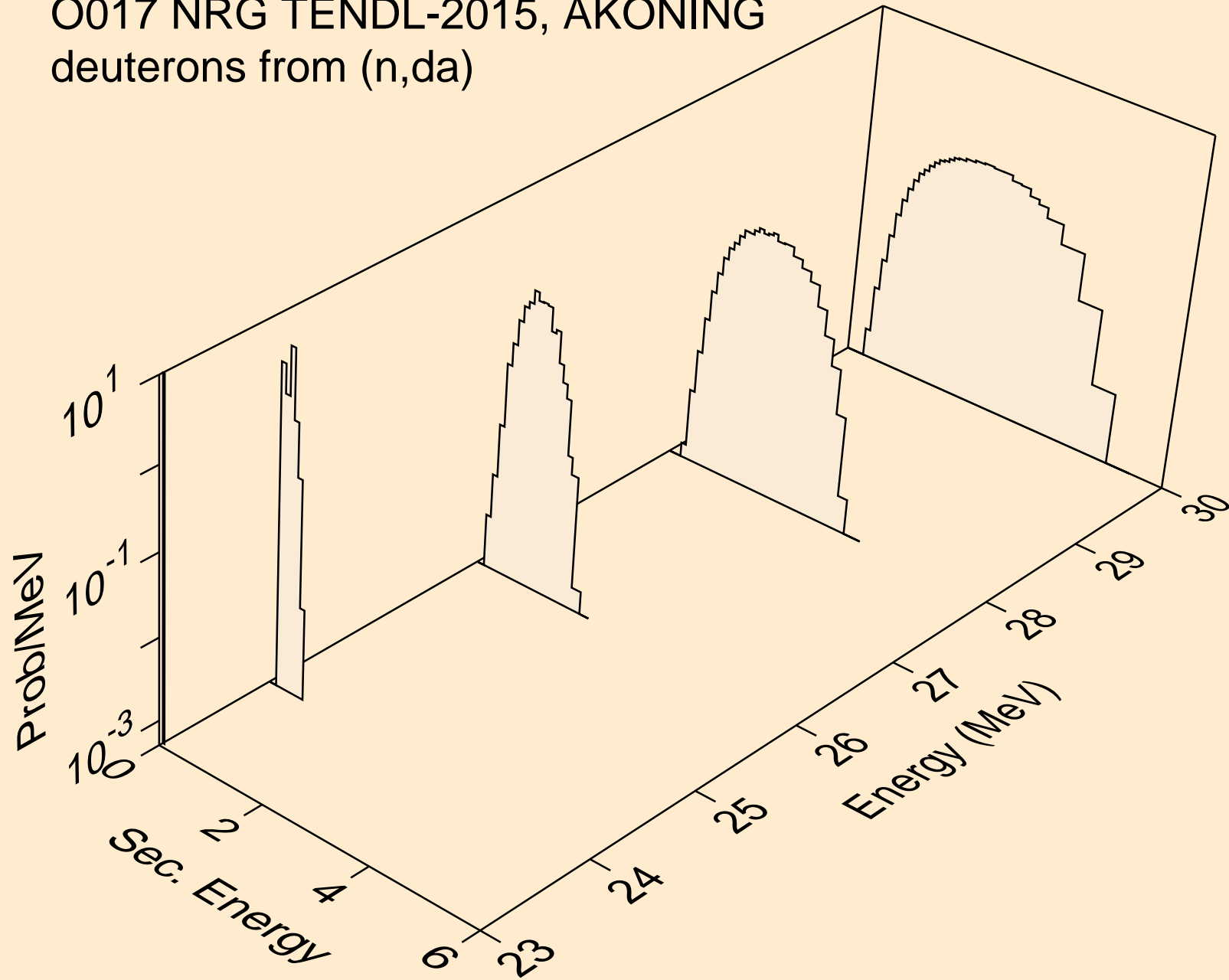
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deuterons from (n,d)



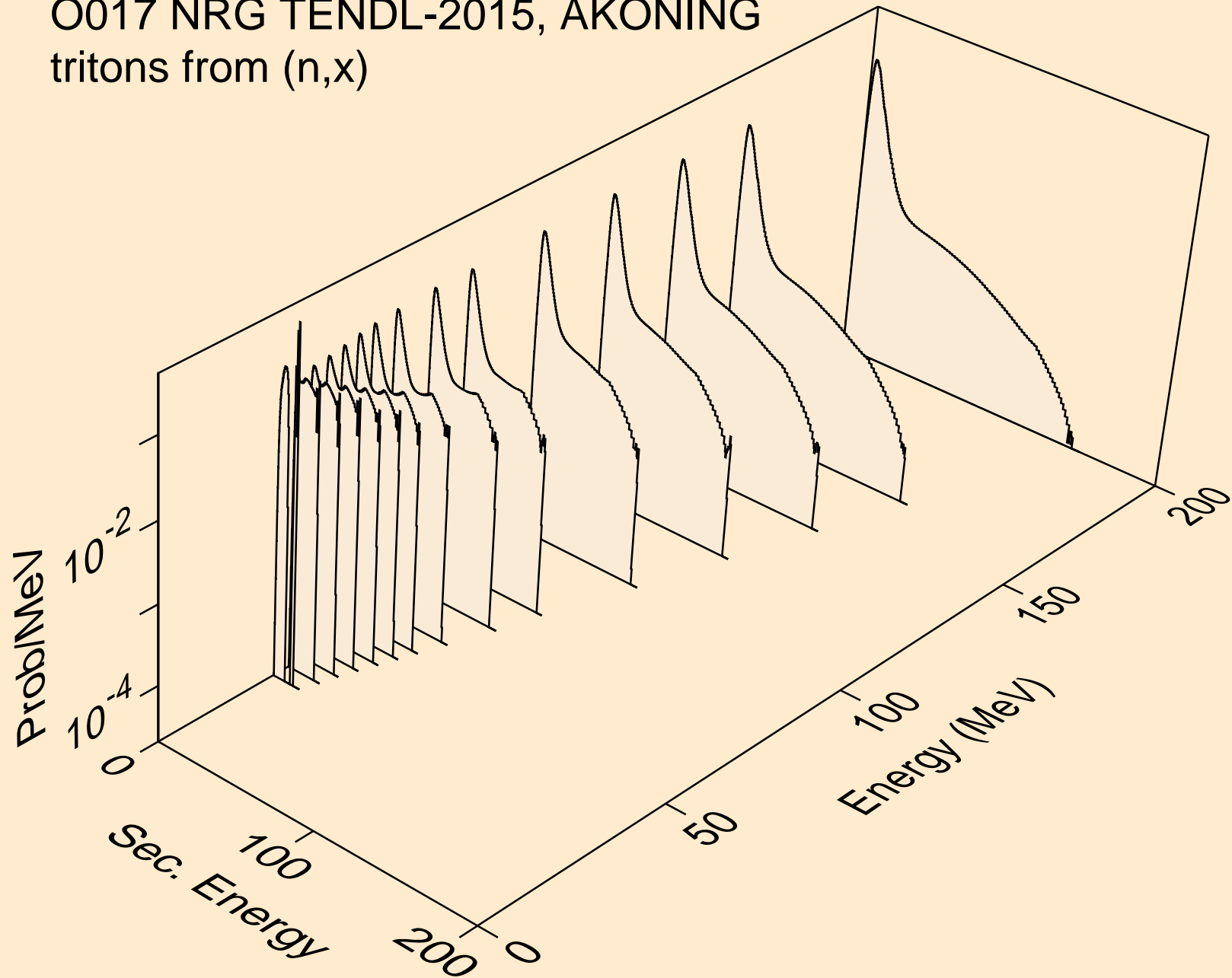
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deuterons from (n,pd)



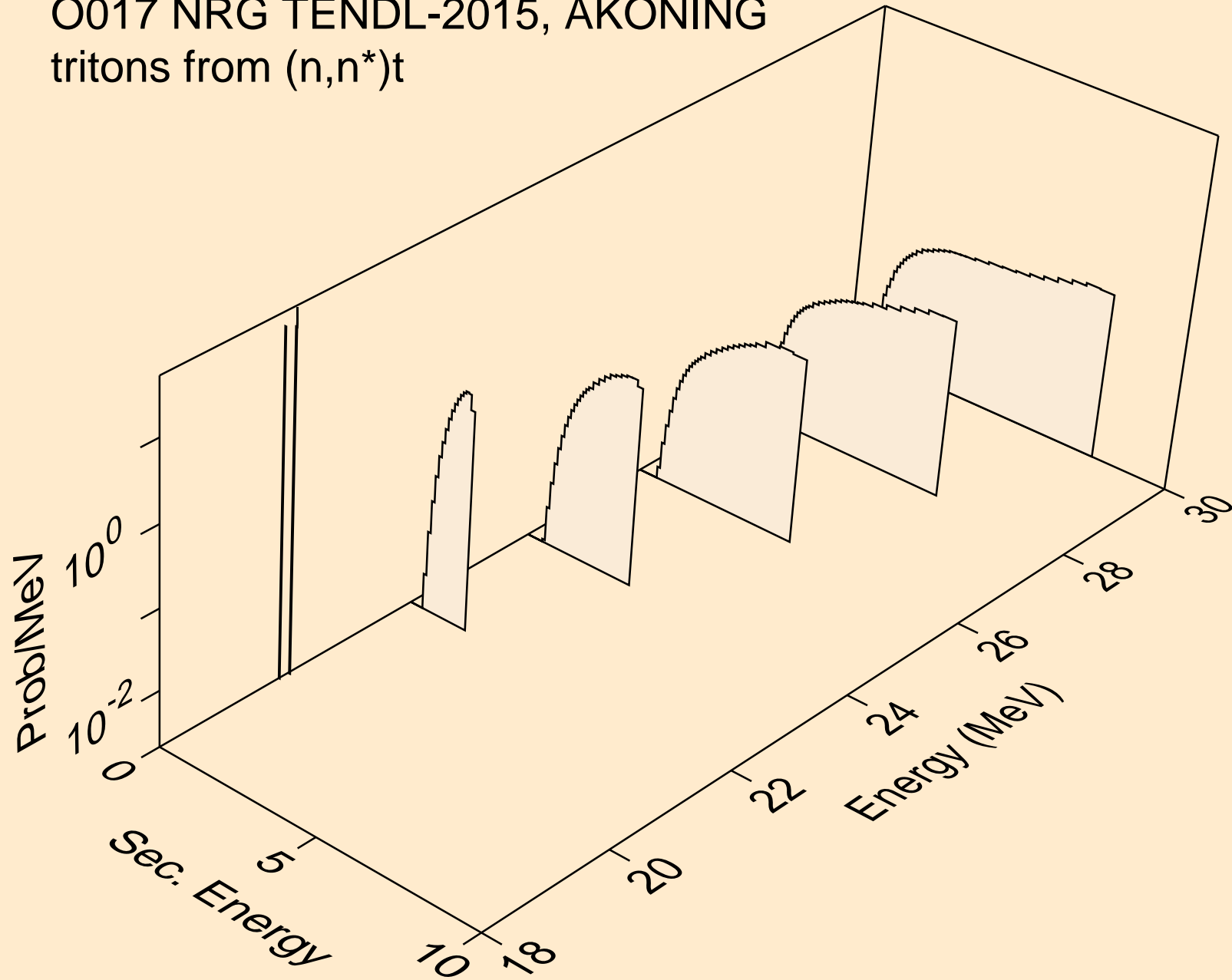
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deuterons from (n,da)



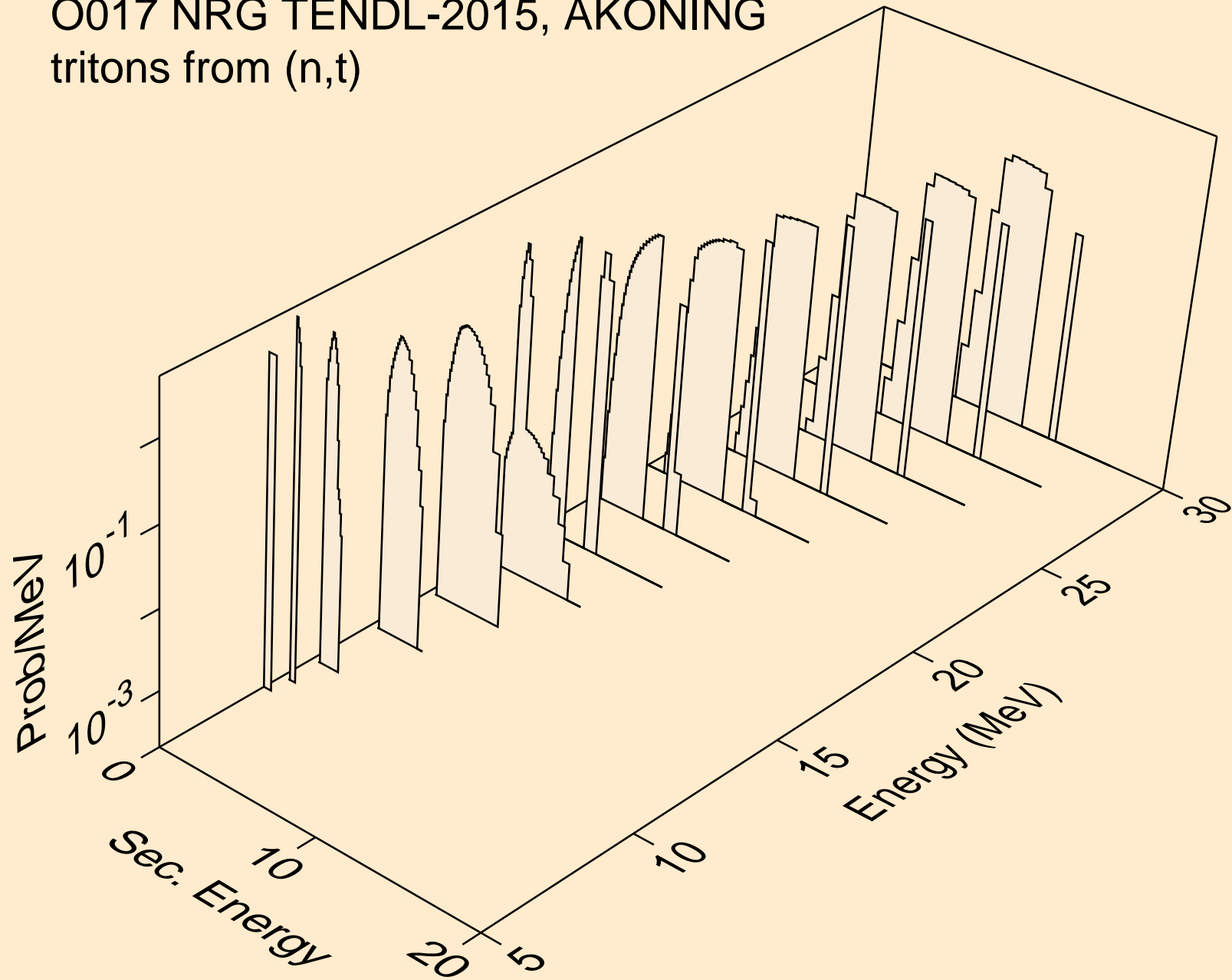
O017 NRG TENDL-2015, AKONING  
tritons from (n,x)



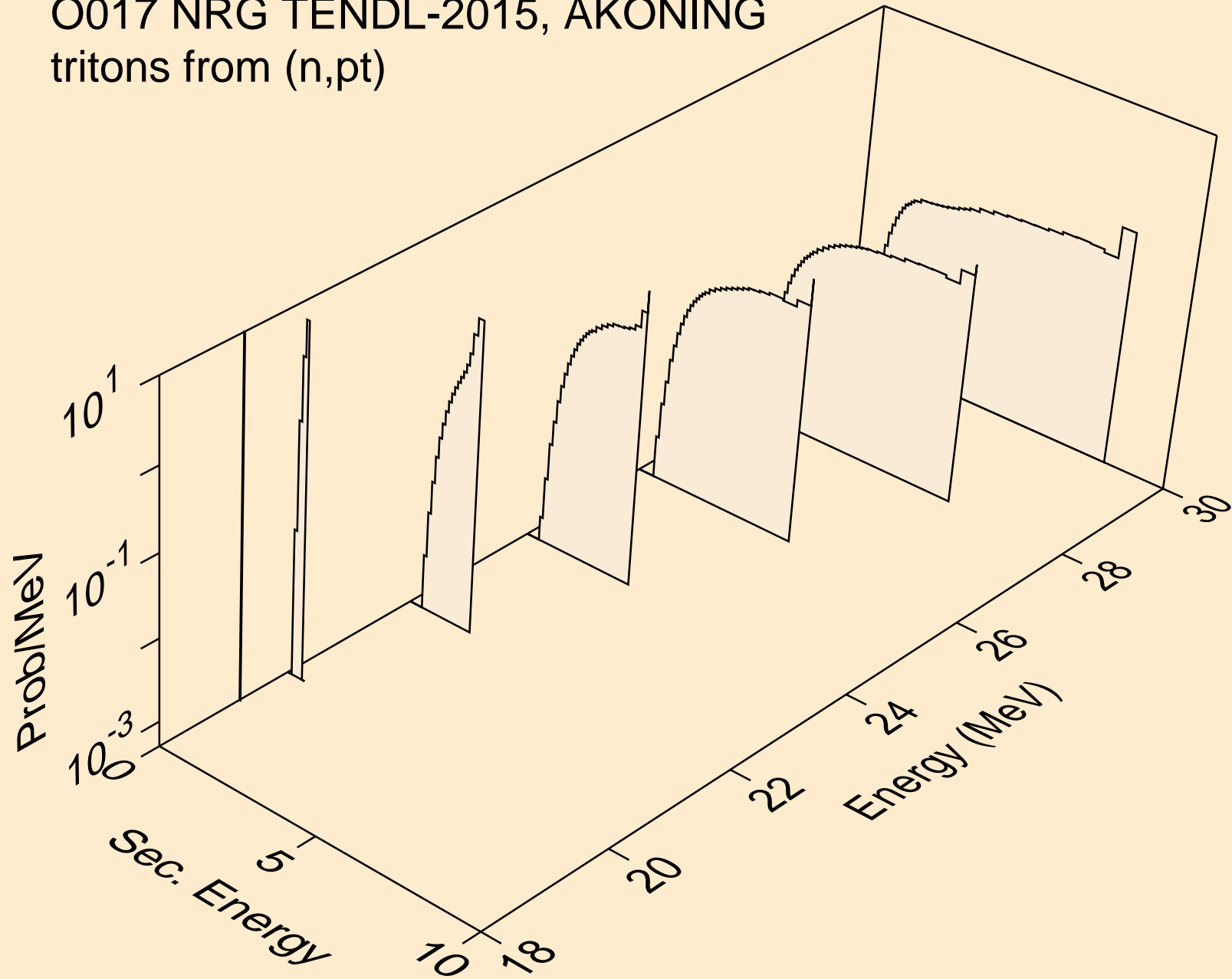
O017 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



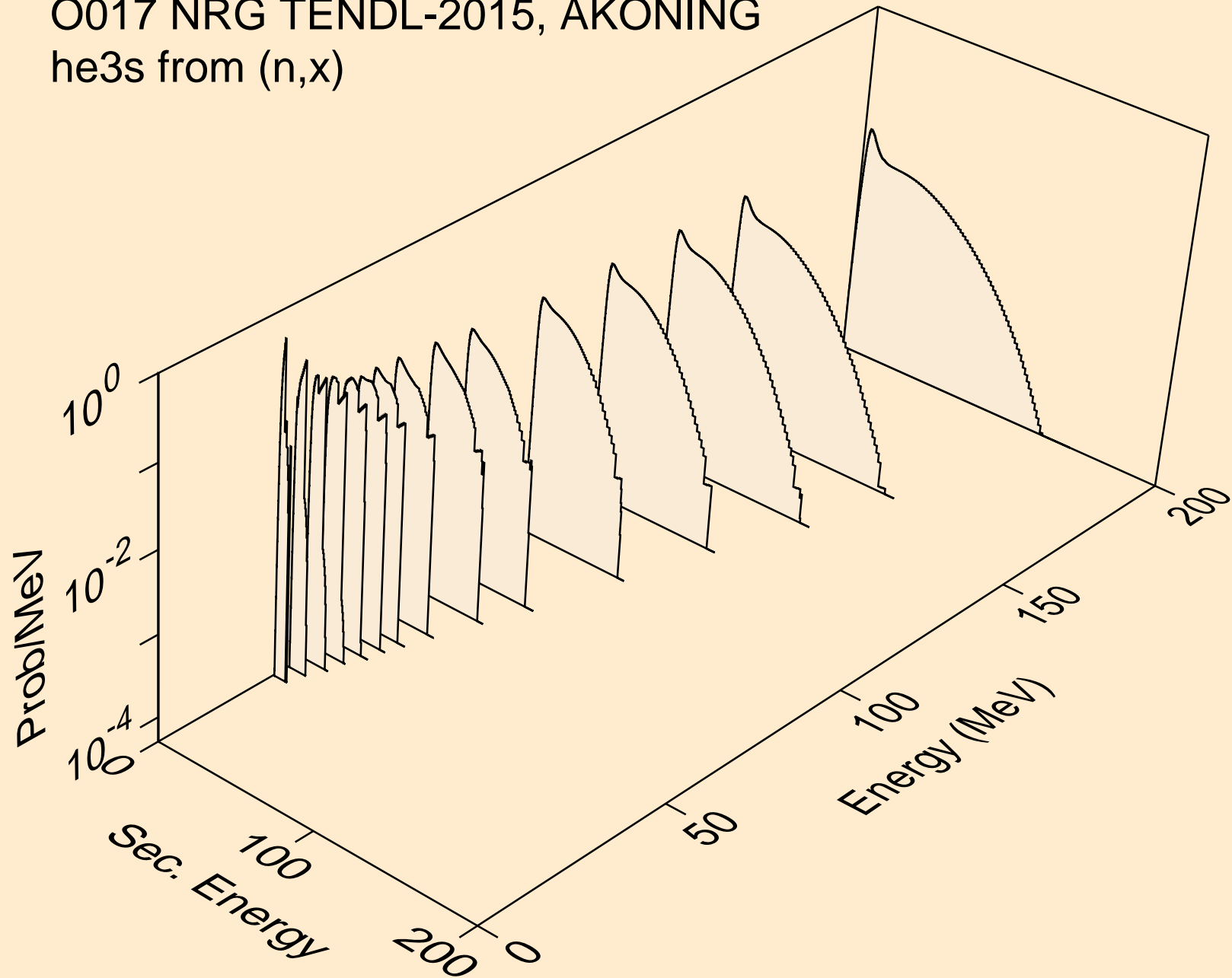
O017 NRG TENDL-2015, AKONING  
tritons from (n,t)



O017 NRG TENDL-2015, AKONING  
tritons from (n,pt)

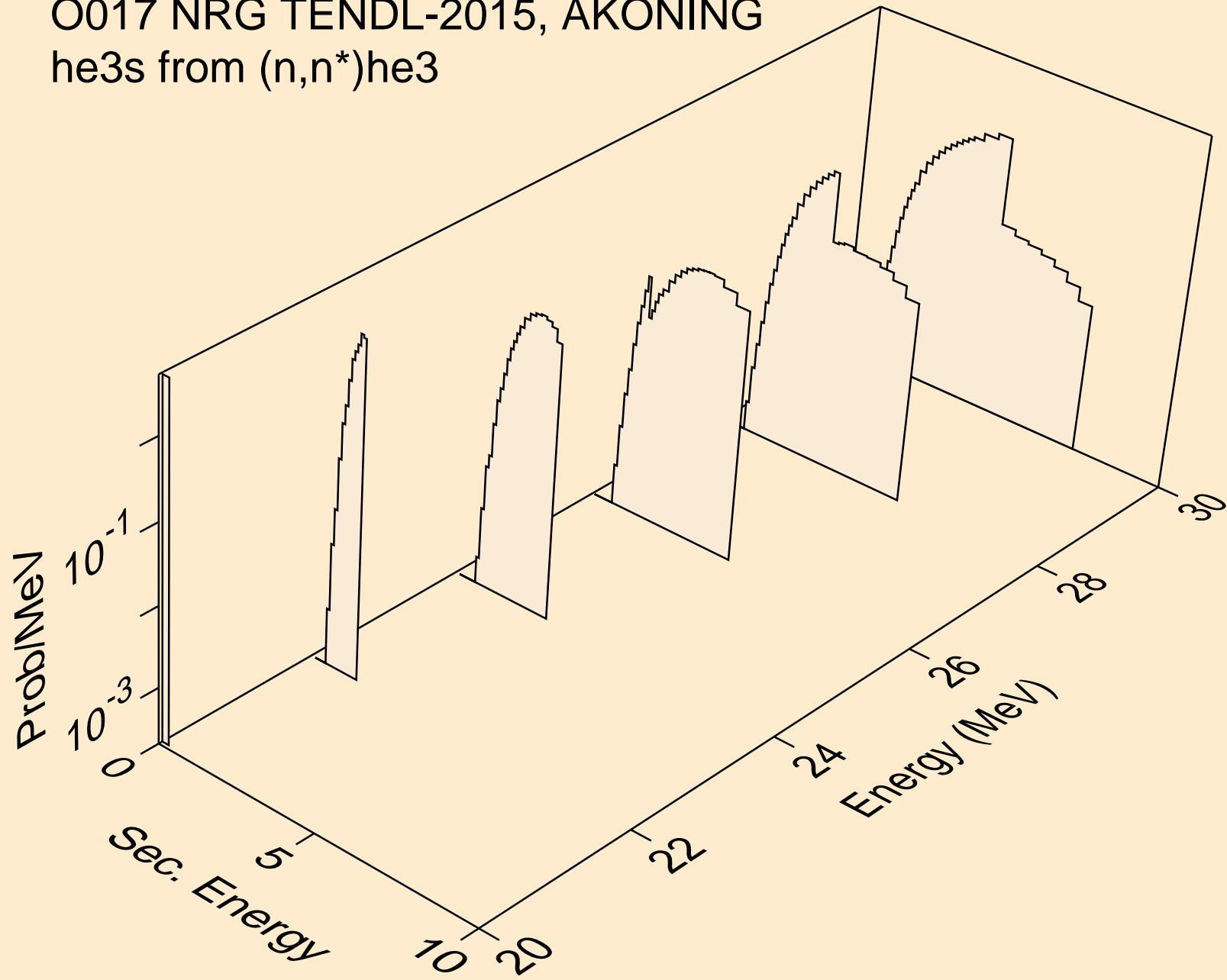


O017 NRG TENDL-2015, AKONING  
he3s from (n,x)

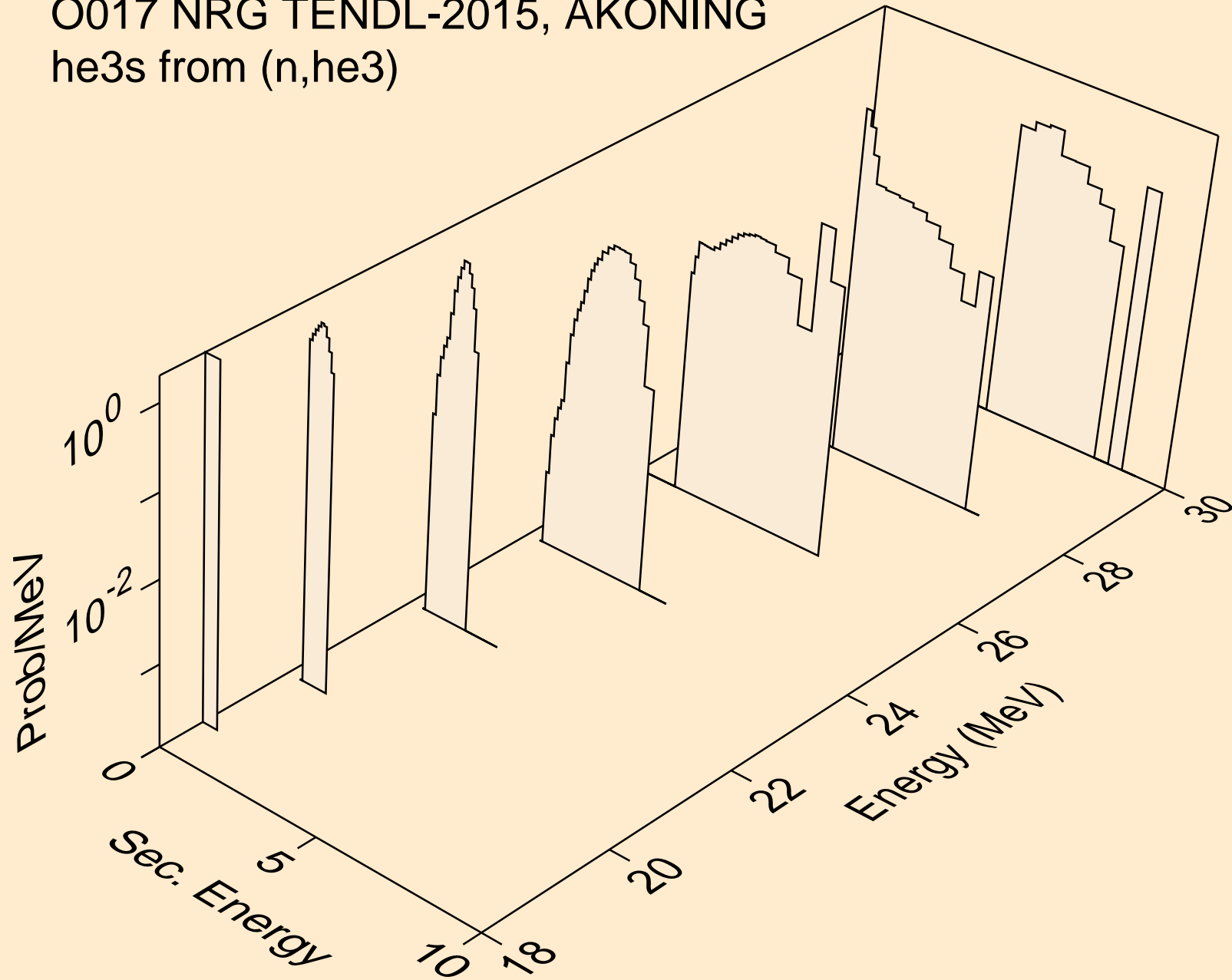




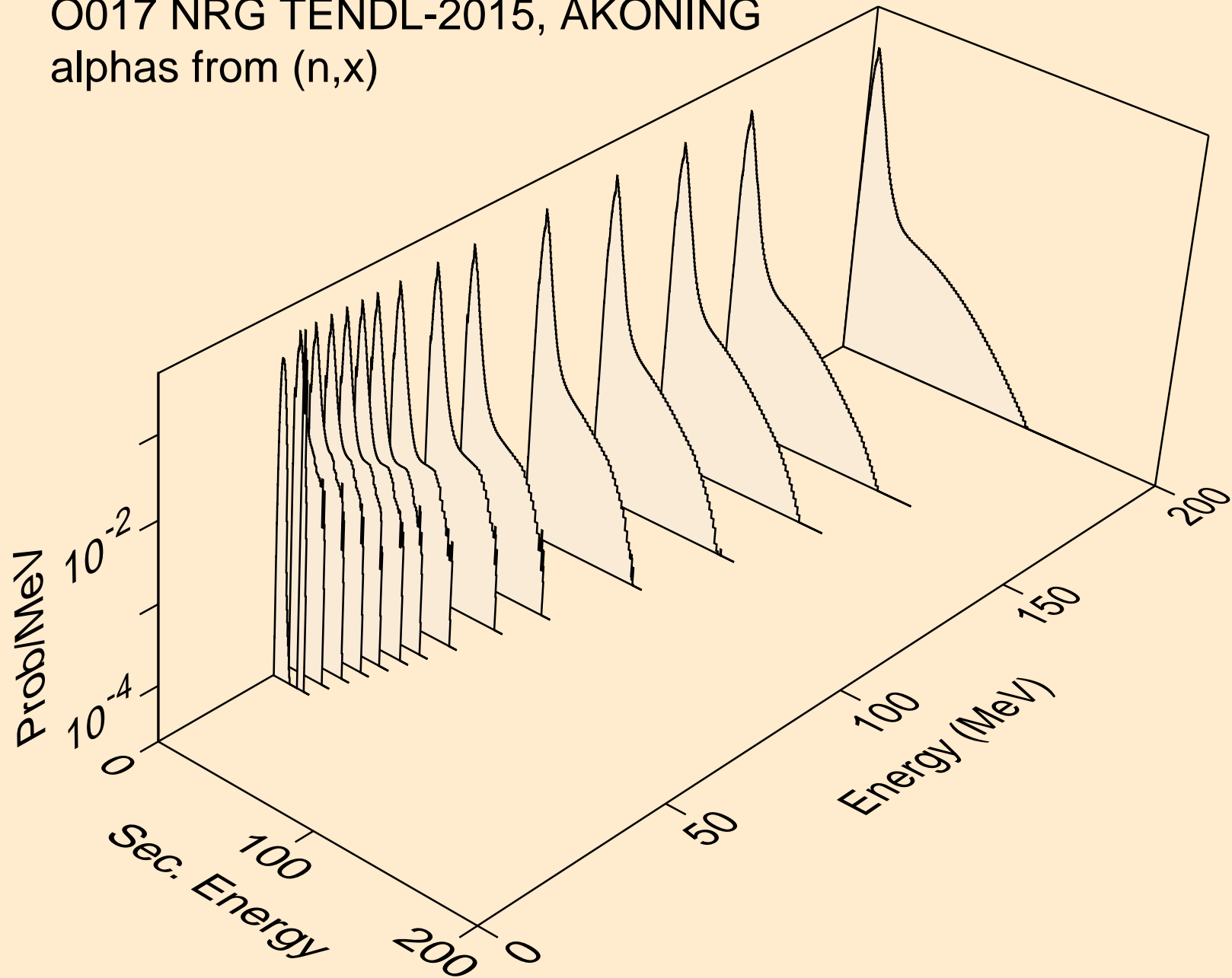
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he3s from (n,n\*)he3



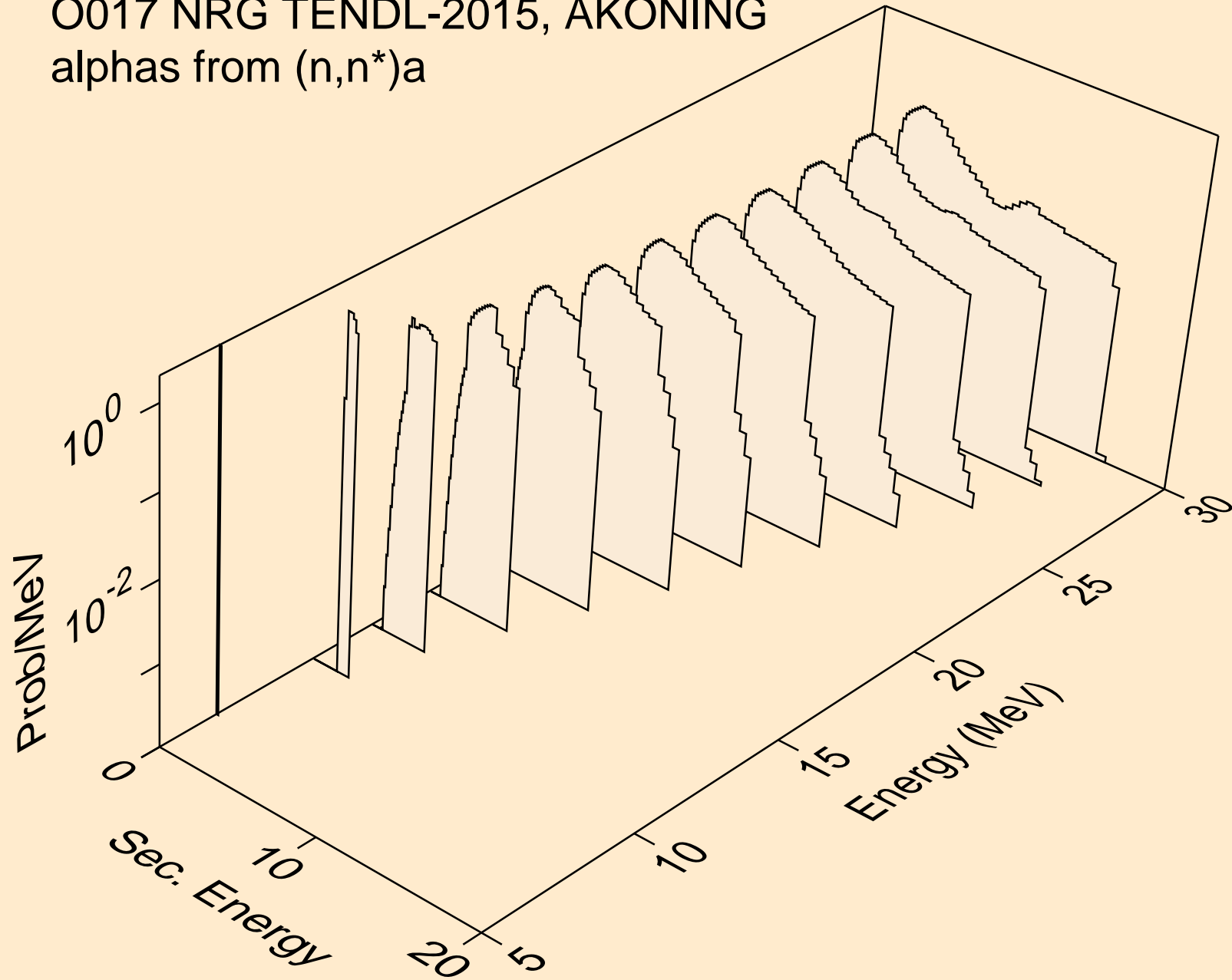
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he3s from (n,he3)



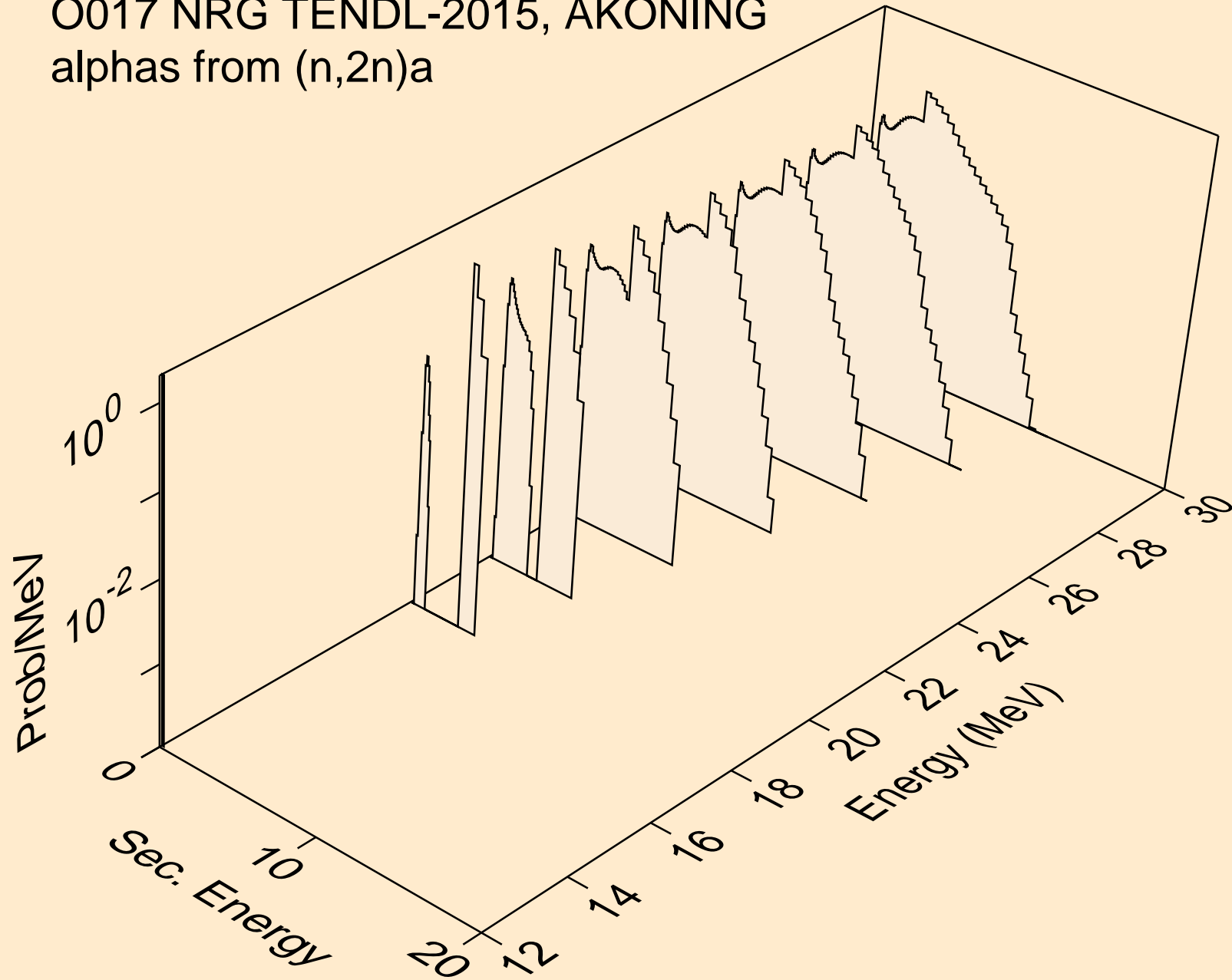
O017 NRG TENDL-2015, AKONING  
alphas from (n,x)



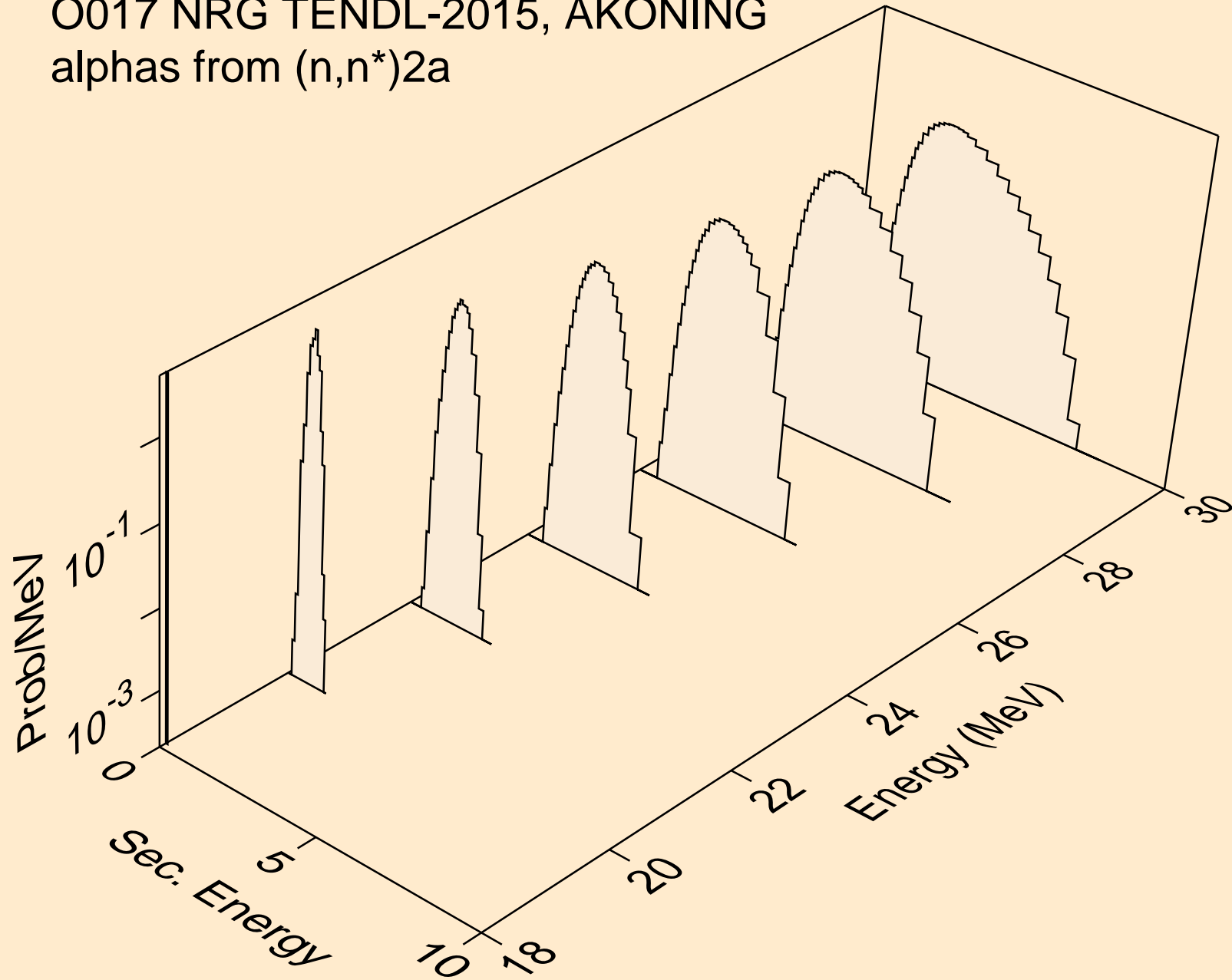
O017 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



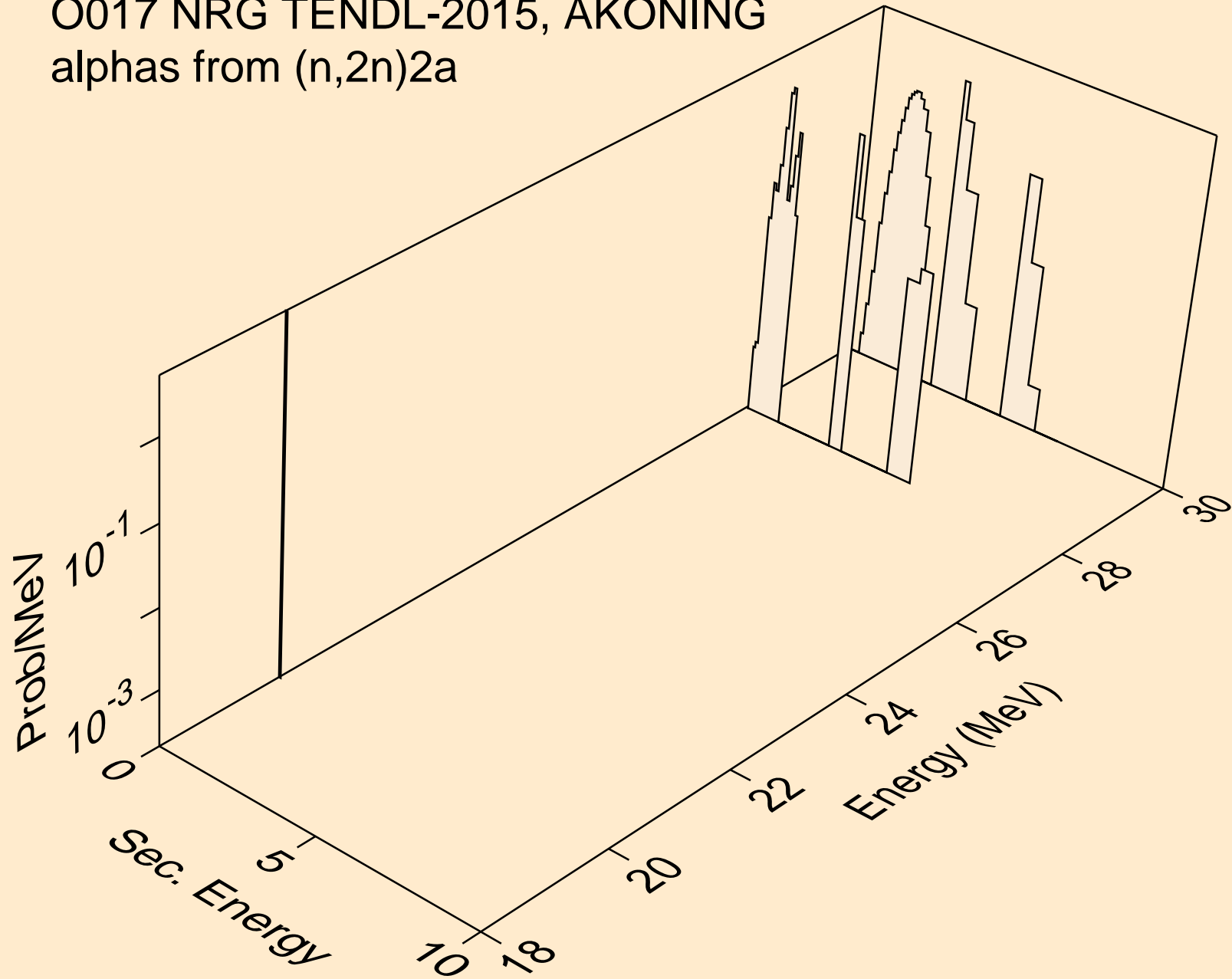
O017 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



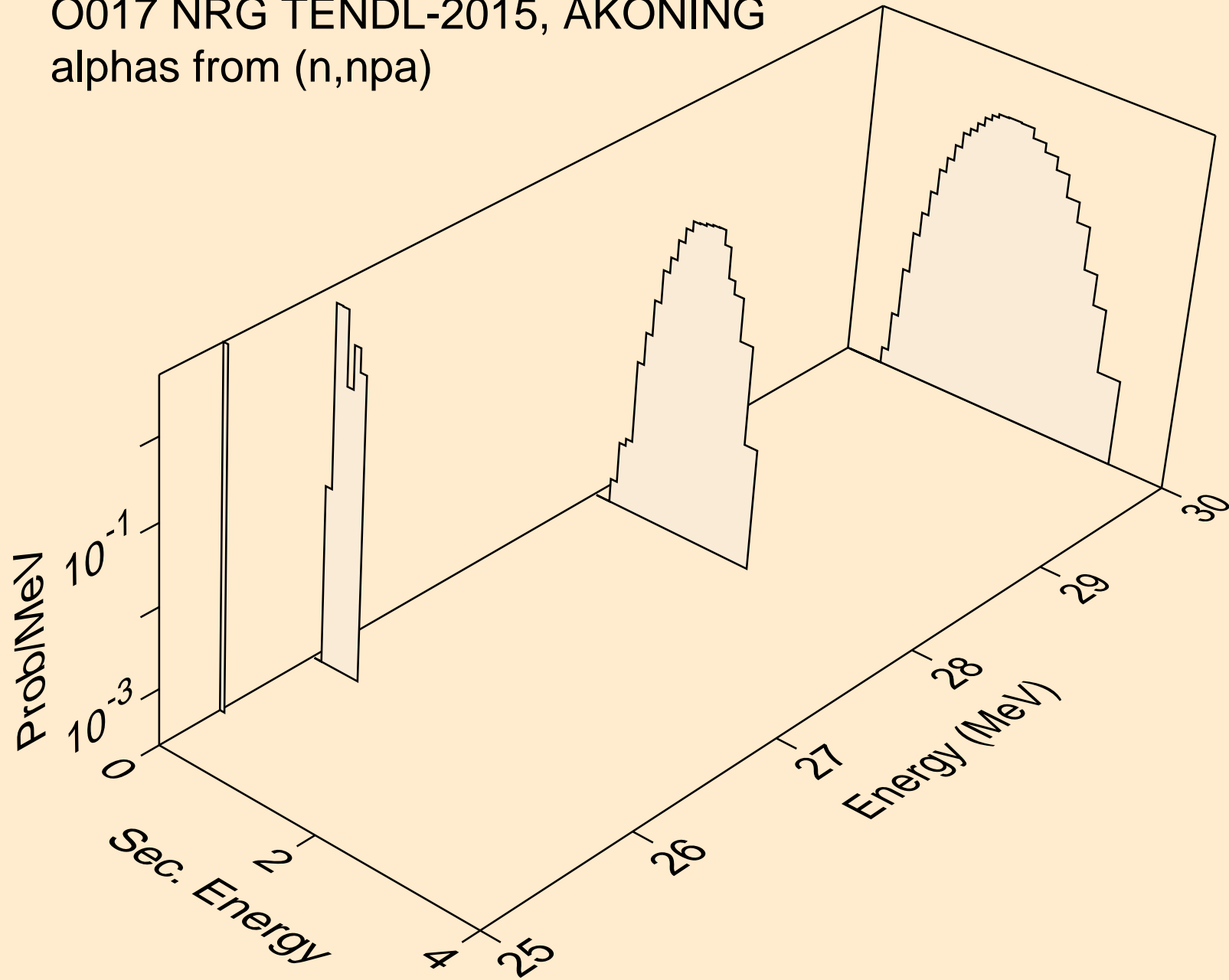
O017 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



O017 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

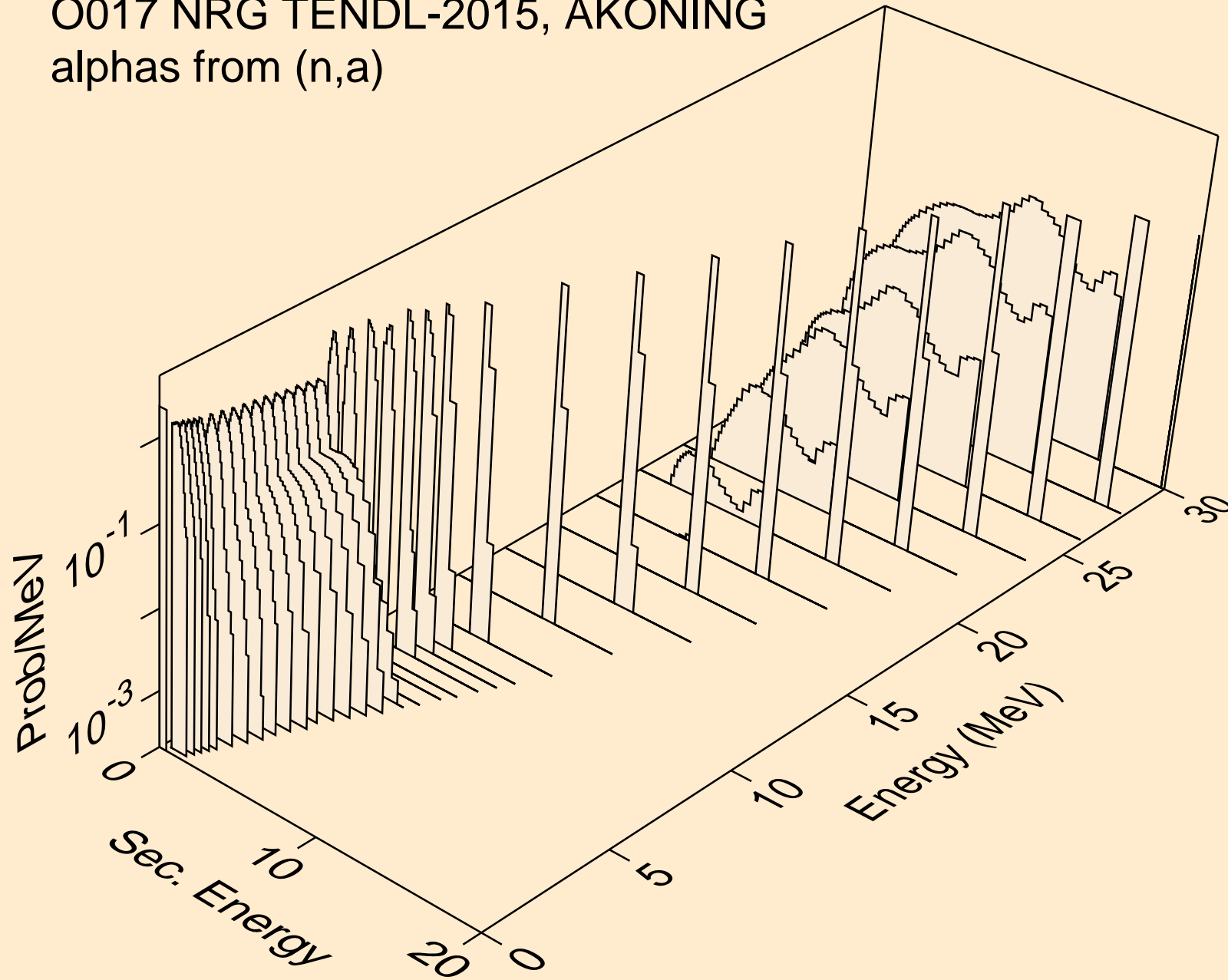


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alphas from (n,npa)

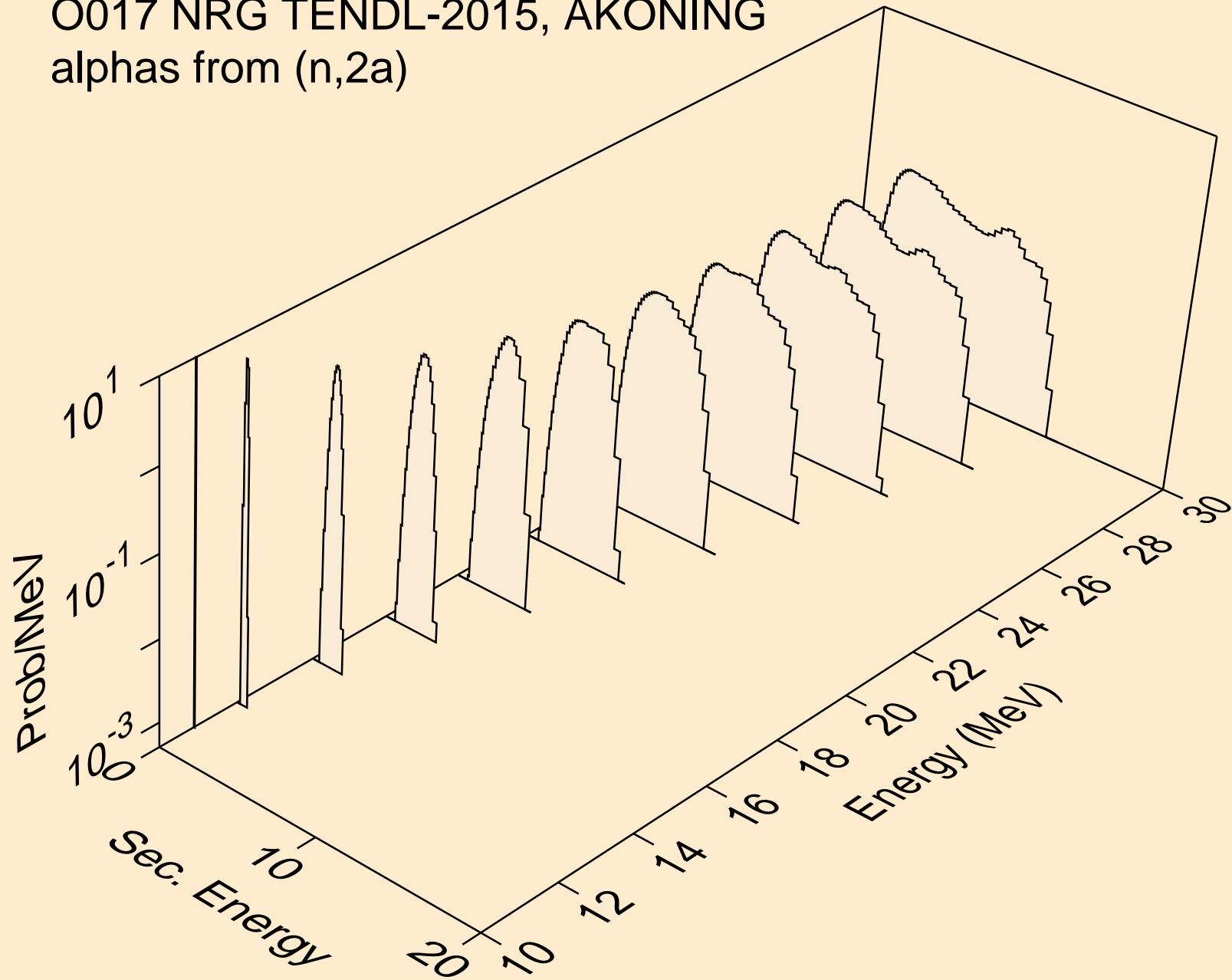




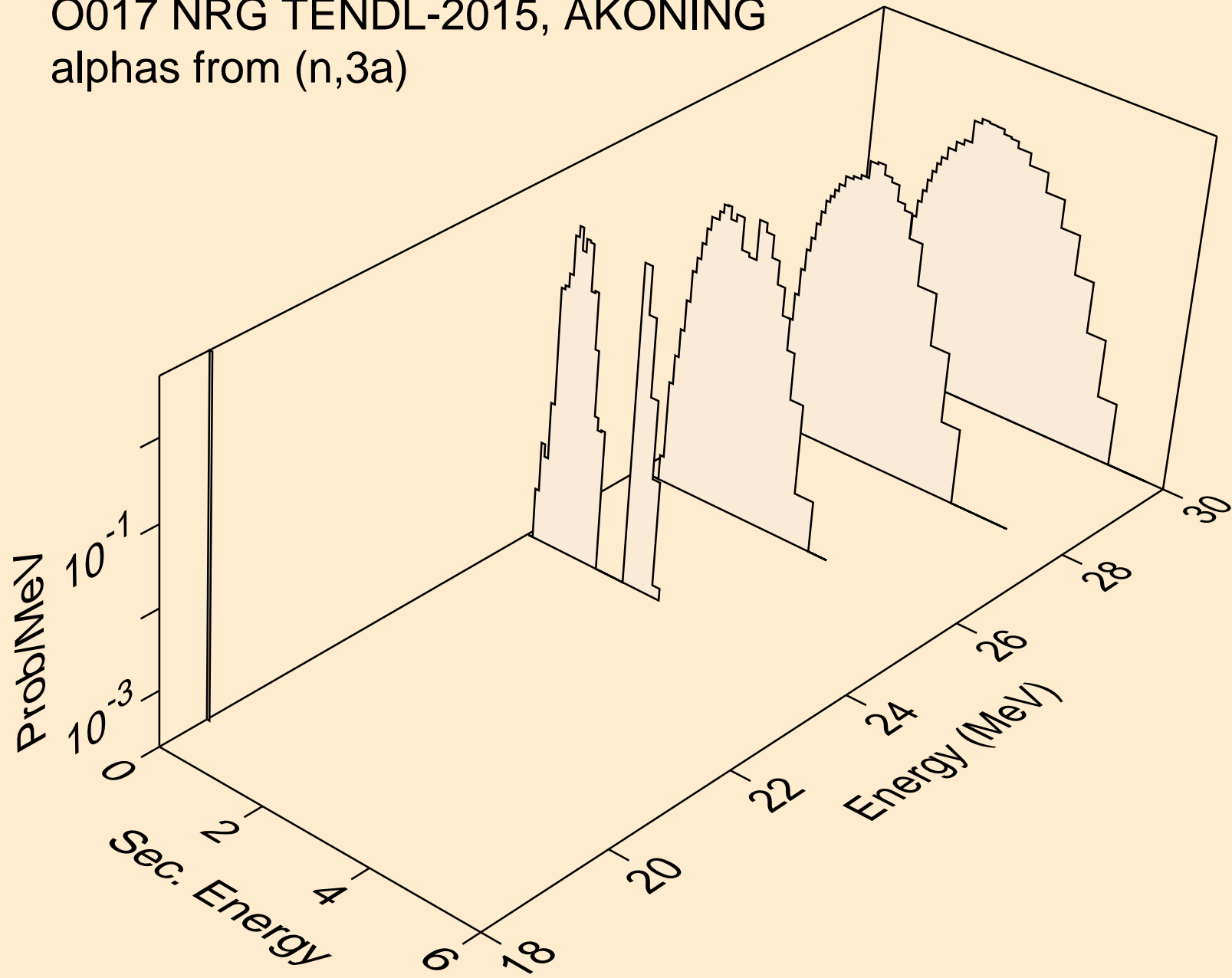
O017 NRG TENDL-2015, AKONING  
alphas from (n,a)



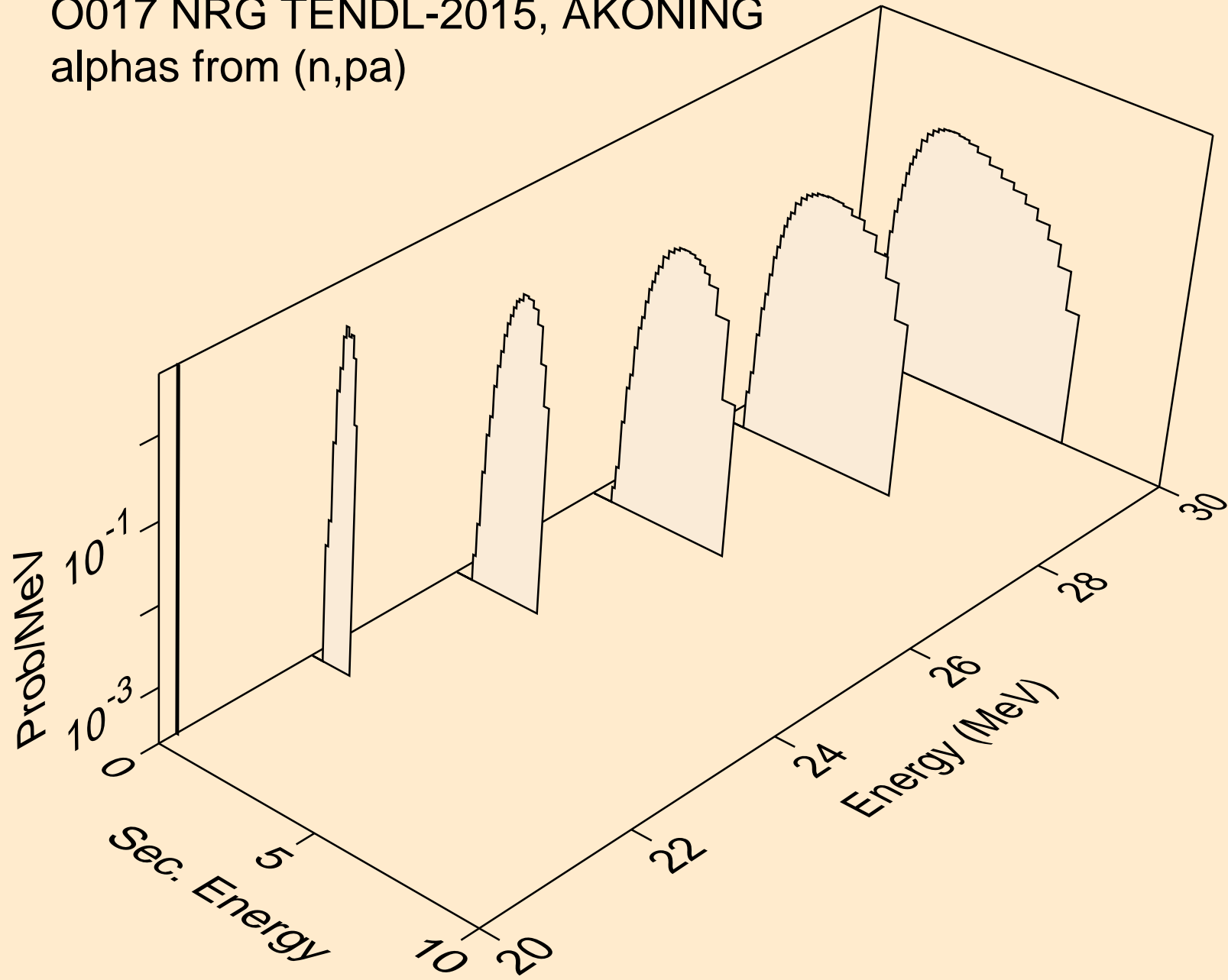
O017 NRG TENDL-2015, AKONING  
alphas from (n,2a)



O017 NRG TENDL-2015, AKONING  
alphas from (n,3a)



O017 NRG TENDL-2015, AKONING  
alphas from (n,pa)



O017 NRG TENDL-2015, AKONING  
alphas from (n,da)

