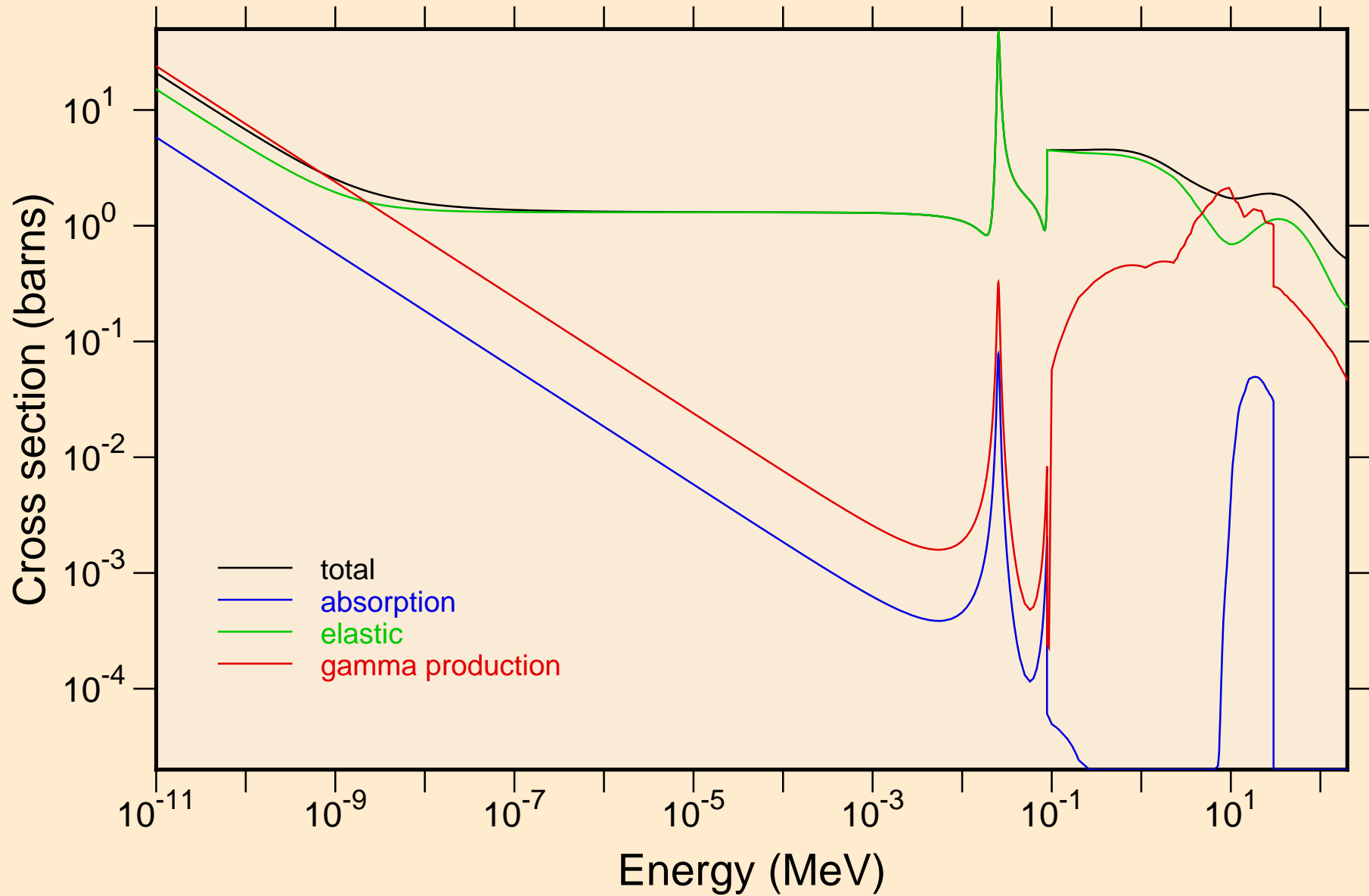


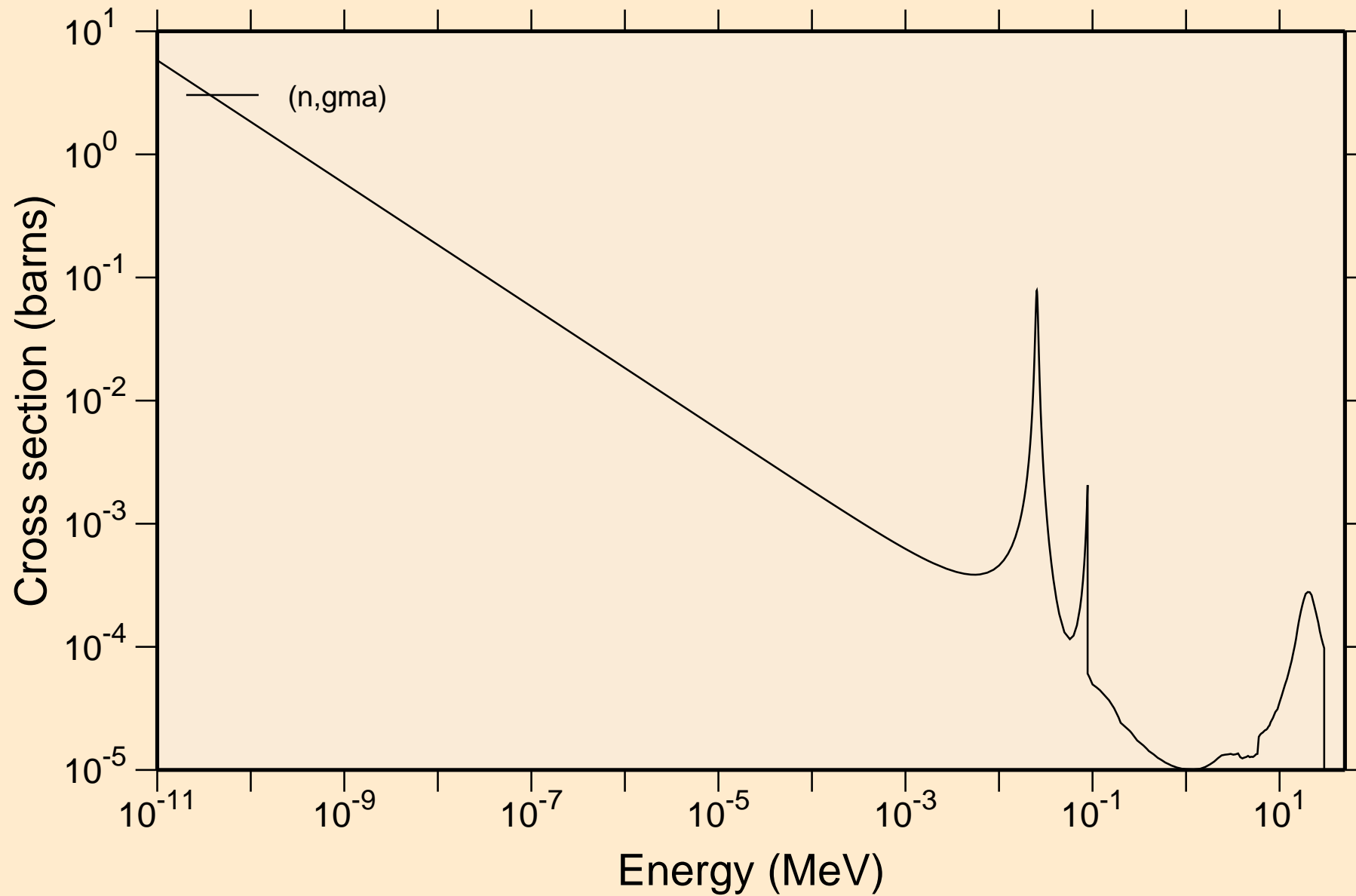
# NA025 NRG TENDL-2015, AKONING

## Principal cross sections



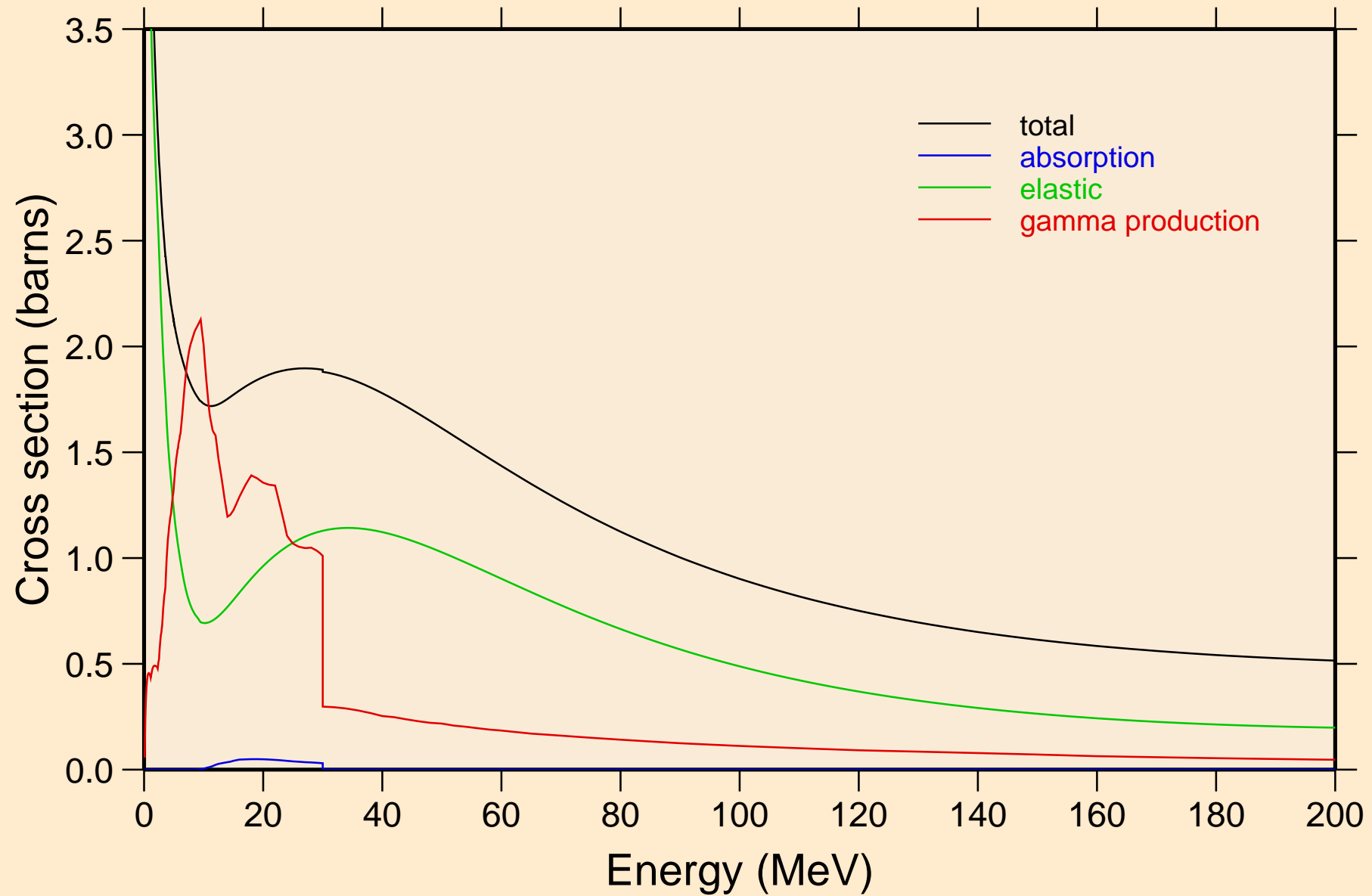
# NA025 NRG TENDL-2015, AKONING

## Non-threshold reactions

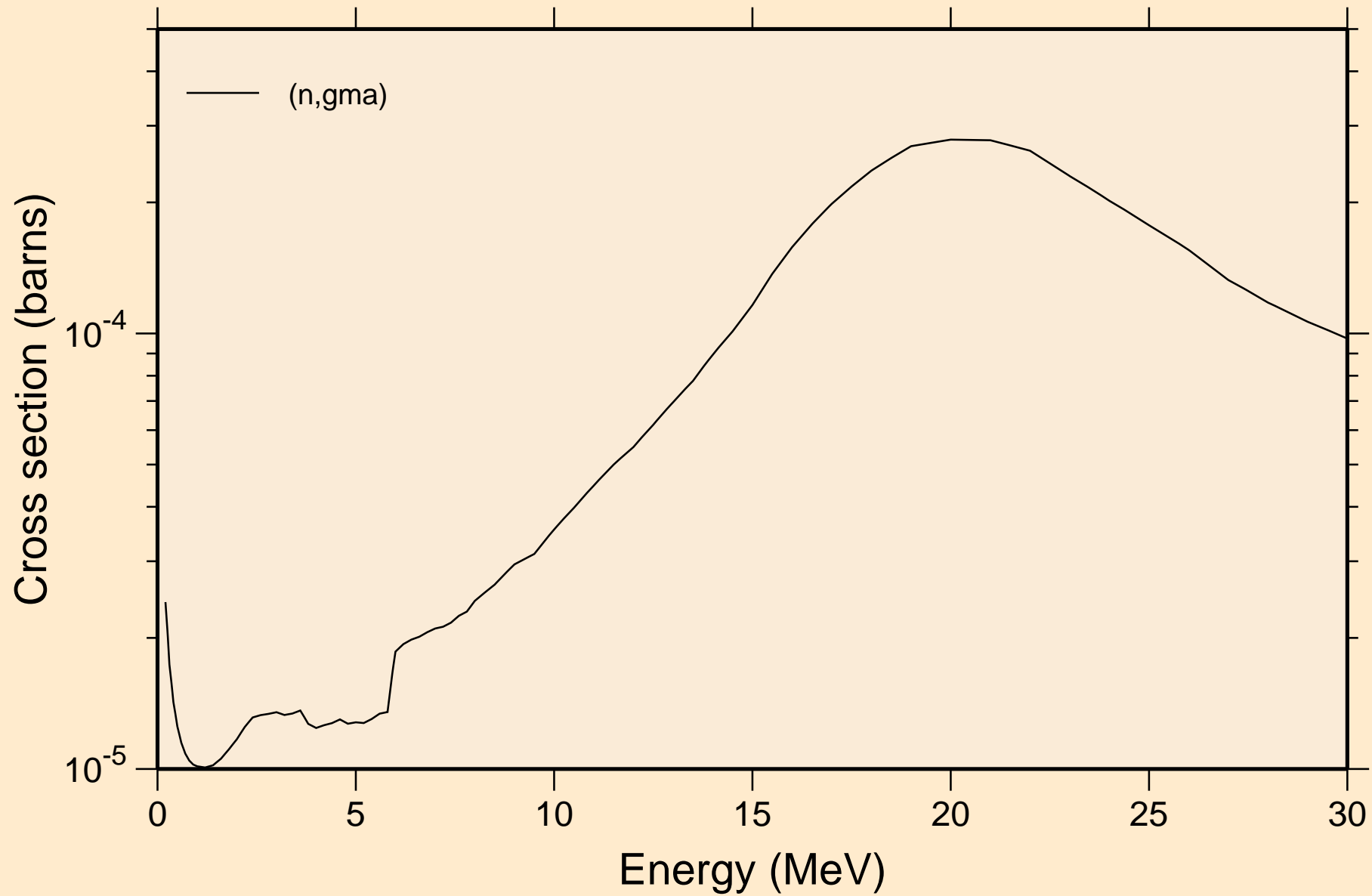


# NA025 NRG TENDL-2015, AKONING

## Principal cross sections

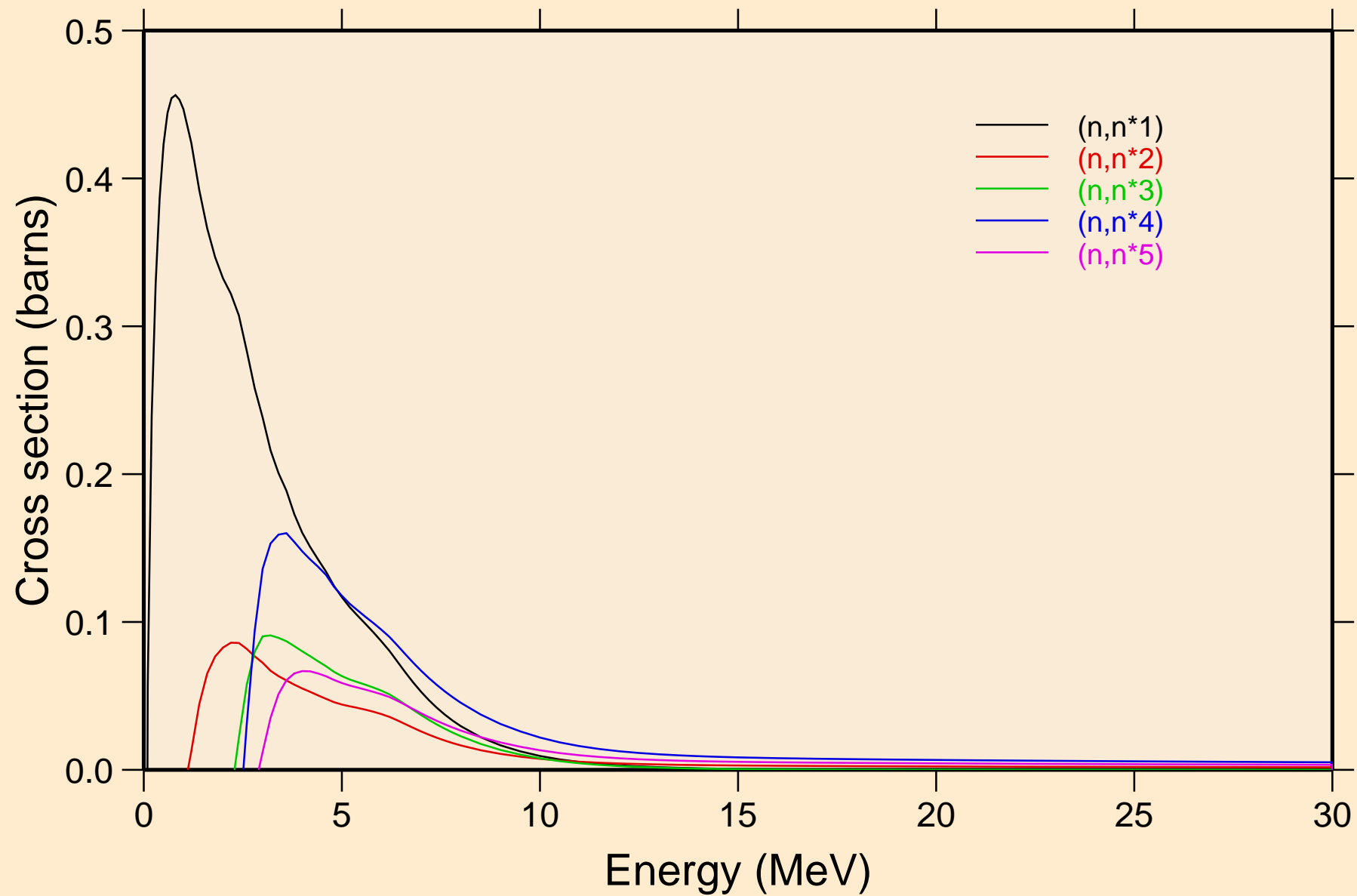


NA025 NRG TENDL-2015, AKONING  
Non-threshold reactions



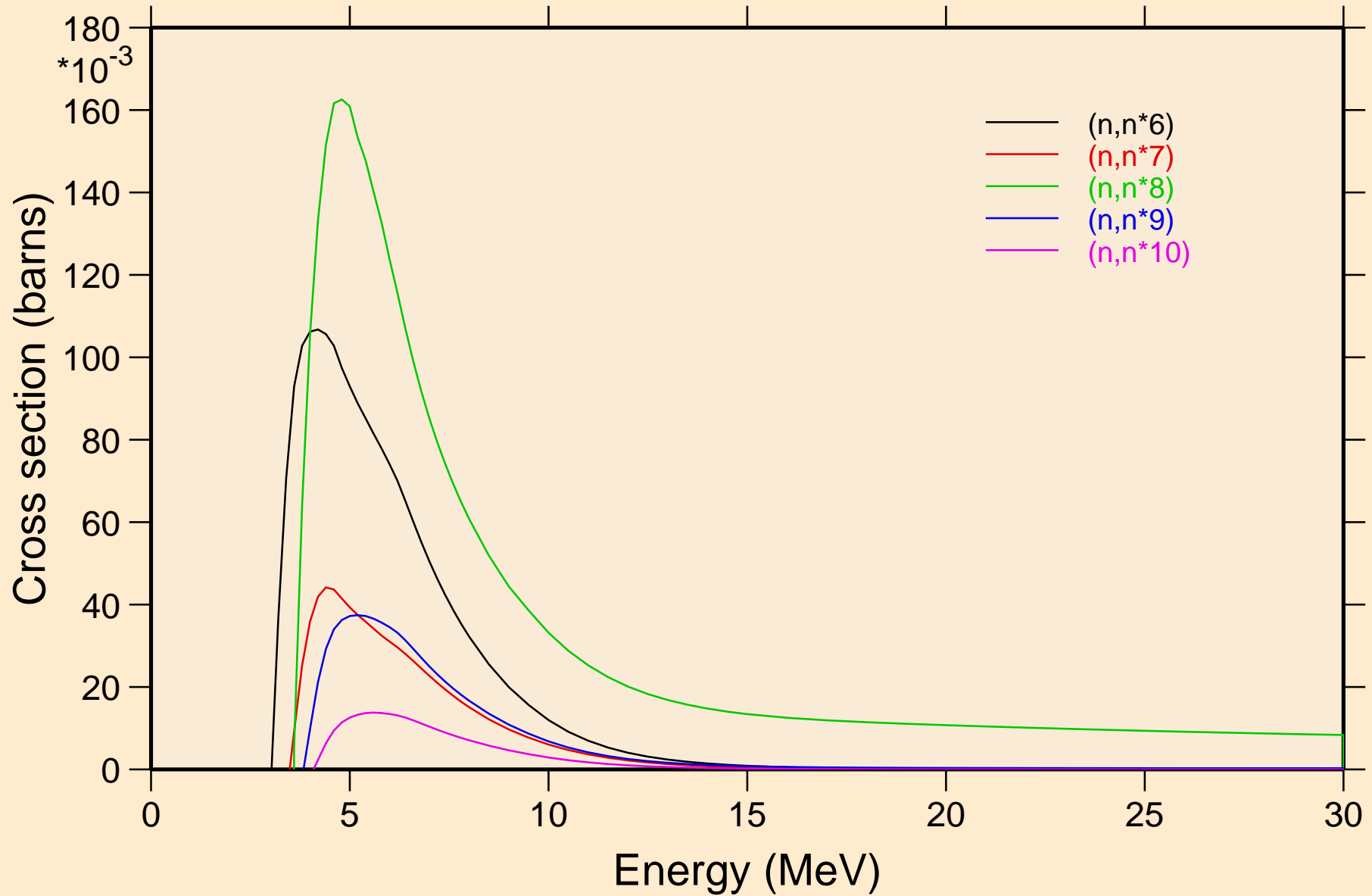
# NA025 NRG TENDL-2015, AKONING

## Inelastic levels



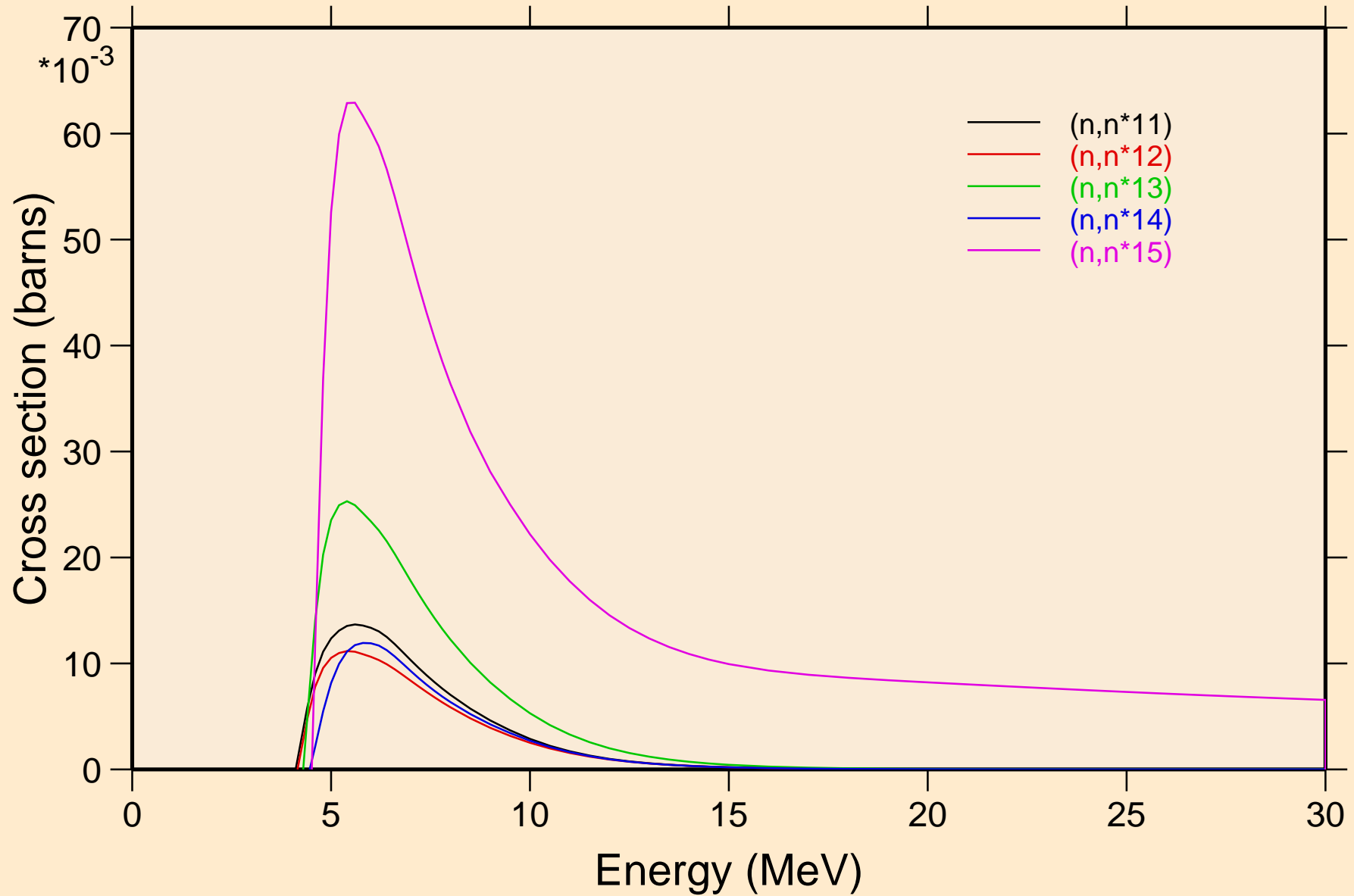
# NA025 NRG TENDL-2015, AKONING

## Inelastic levels



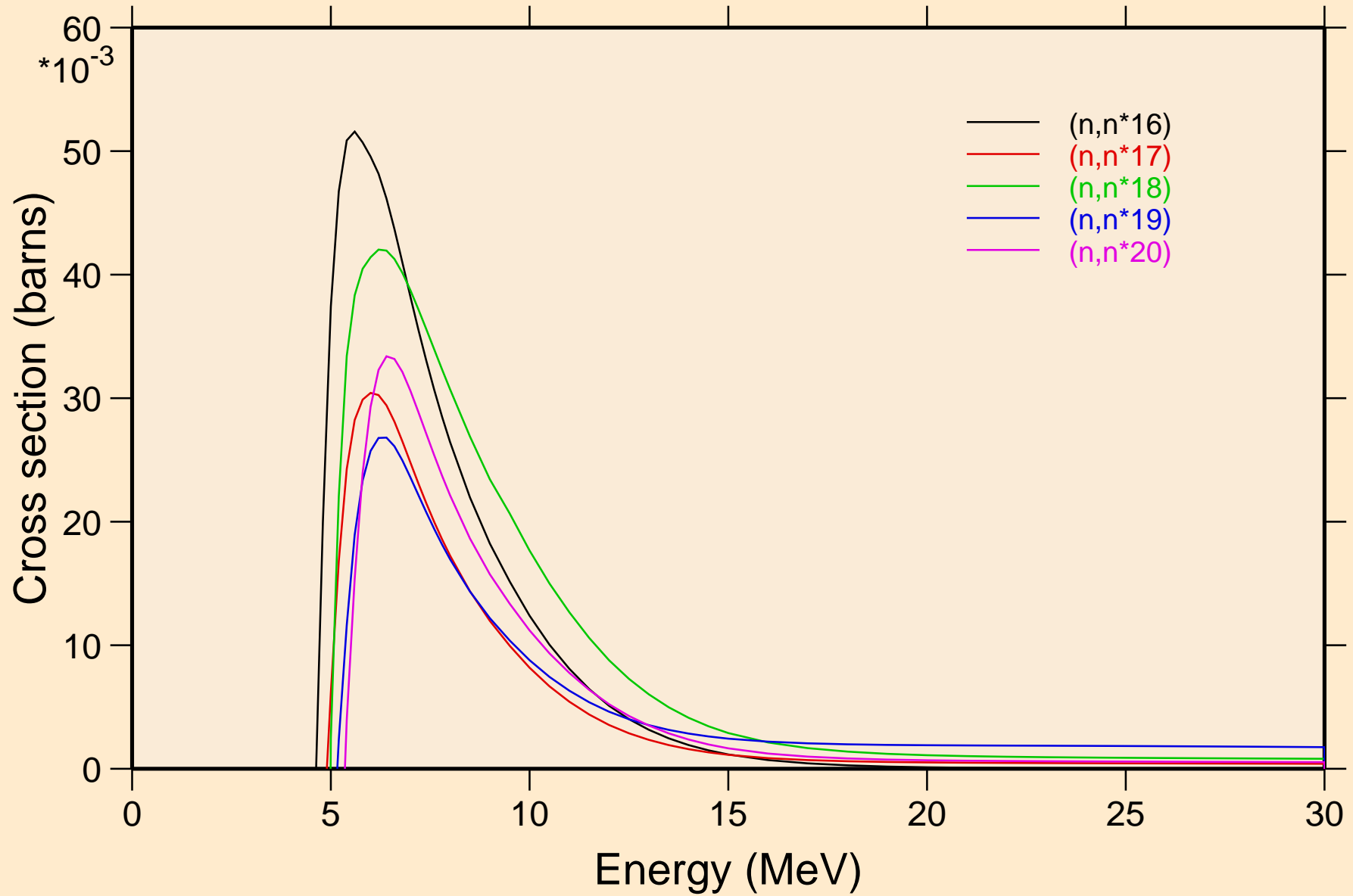
# NA025 NRG TENDL-2015, AKONING

## Inelastic levels



# NA025 NRG TENDL-2015, AKONING

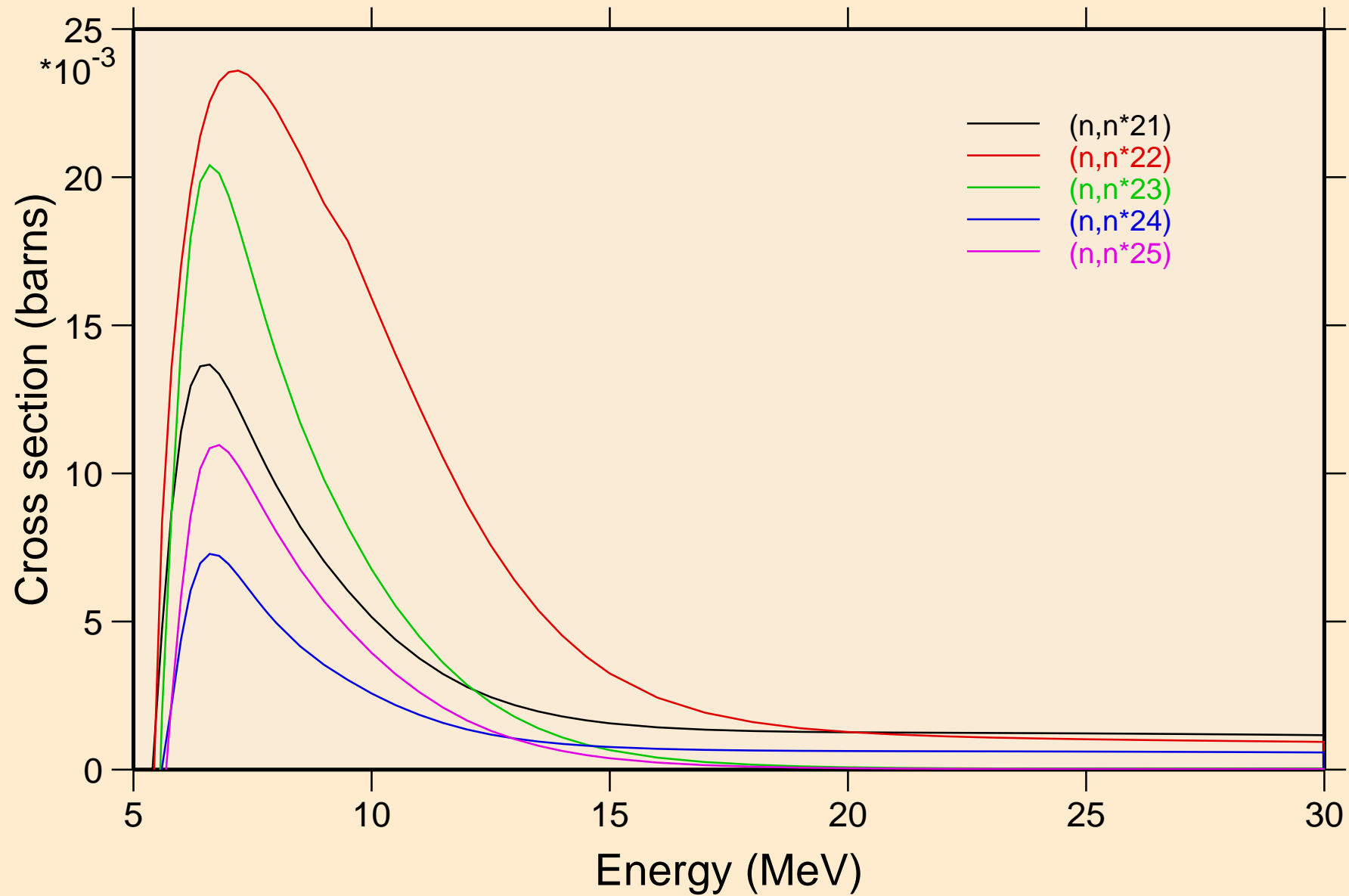
## Inelastic levels





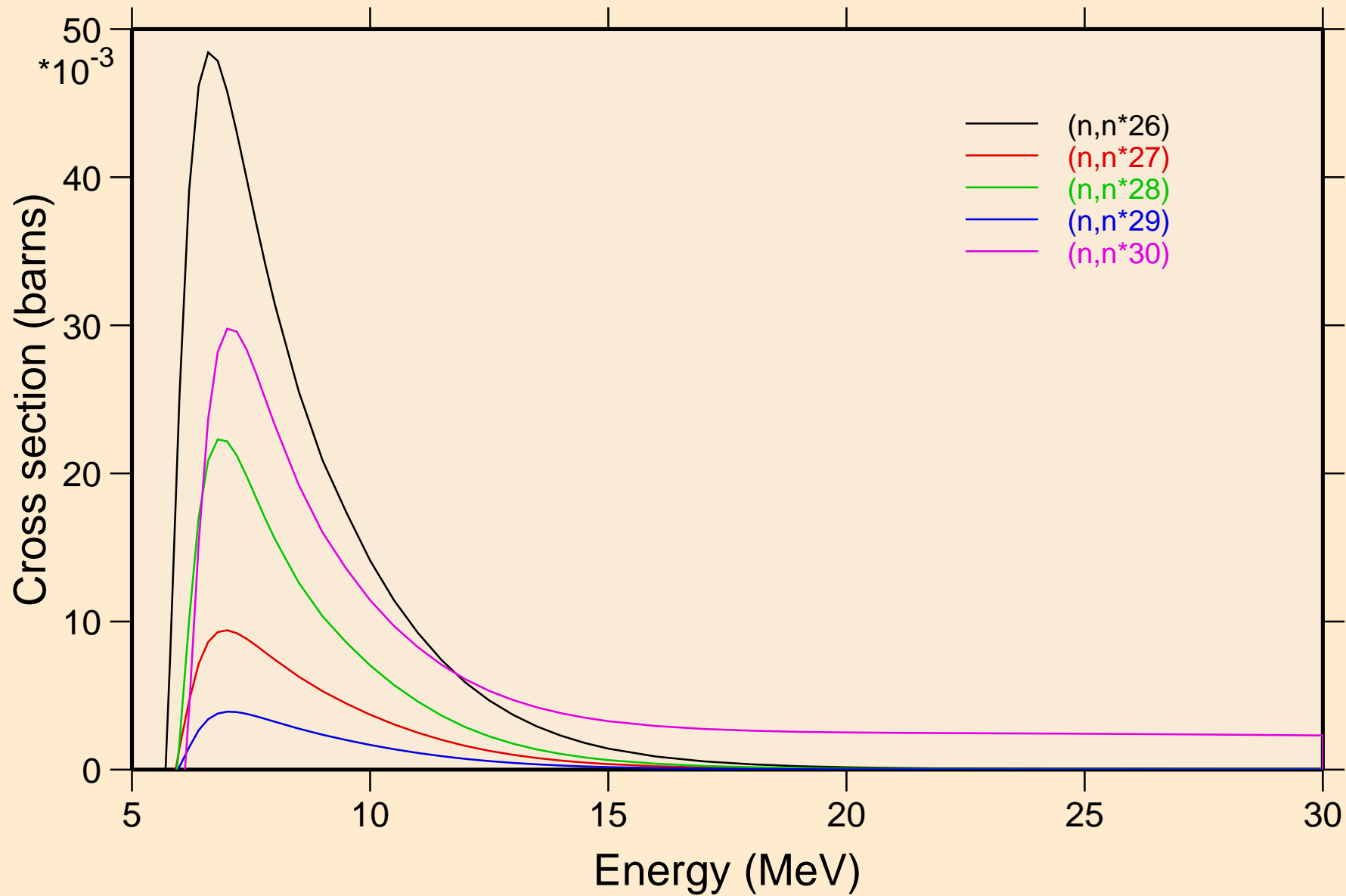
# NA025 NRG TENDL-2015, AKONING

## Inelastic levels



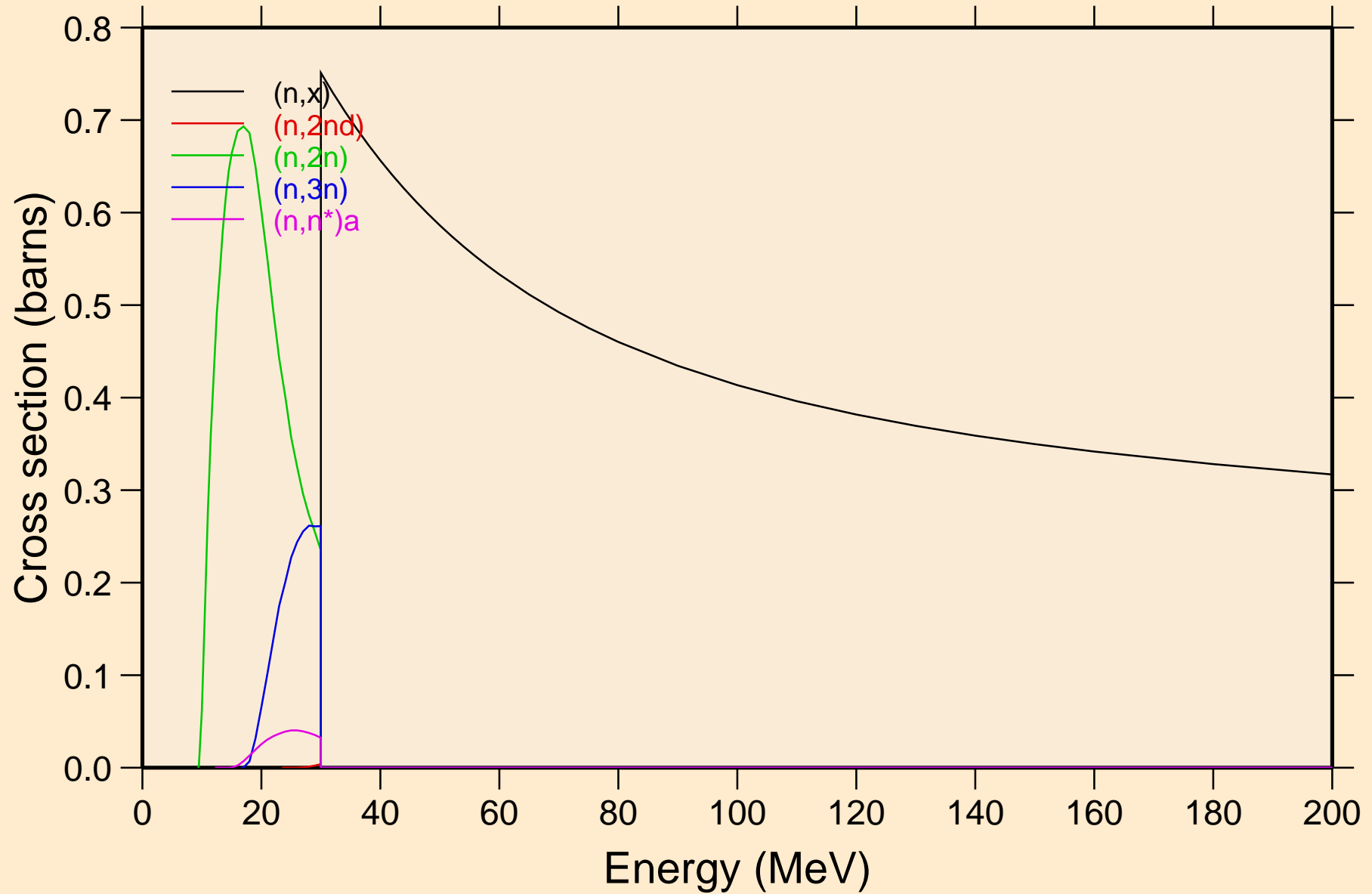
# NA025 NRG TENDL-2015, AKONING

## Inelastic levels



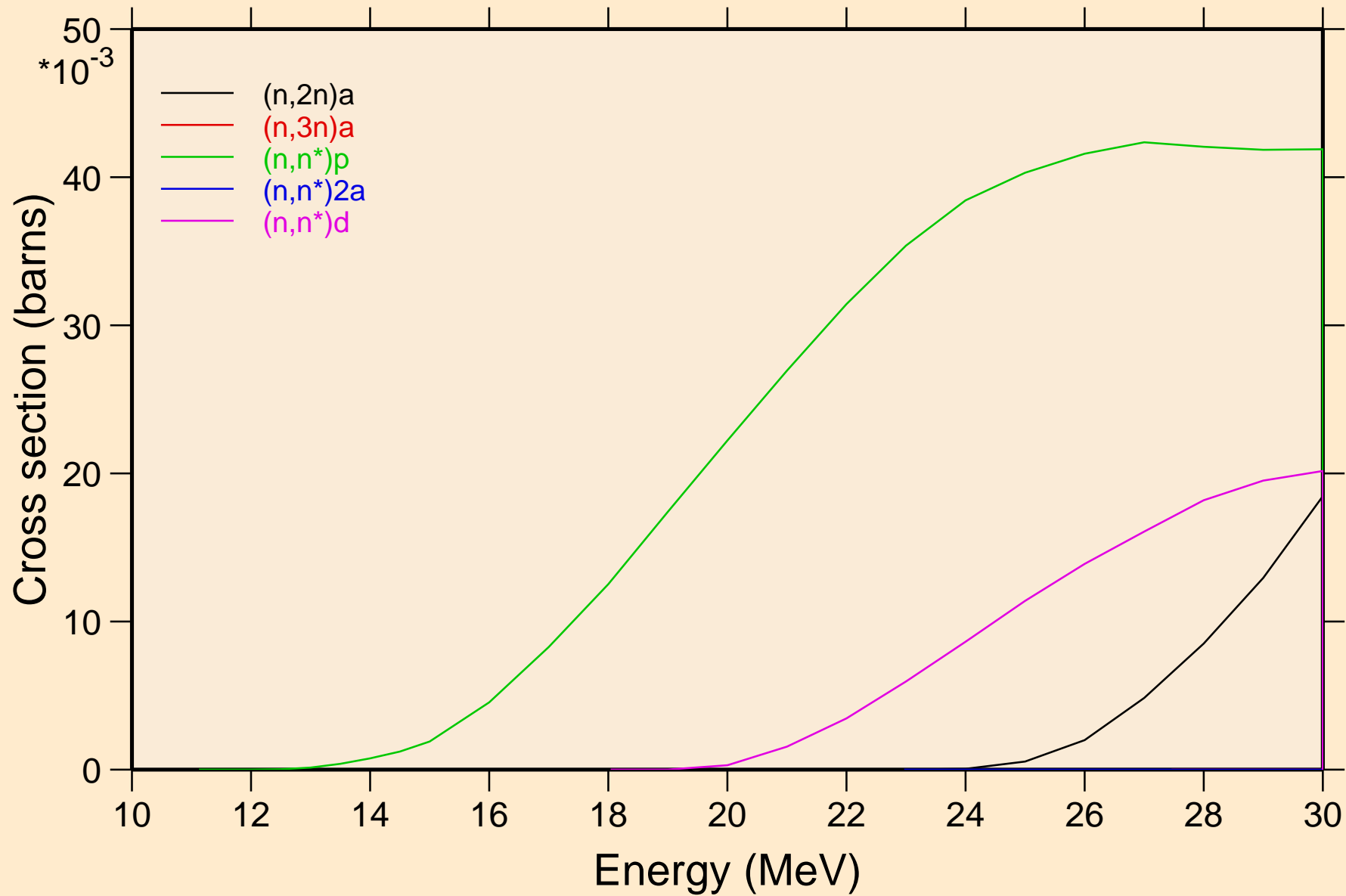
# NA025 NRG TENDL-2015, AKONING

## Threshold reactions



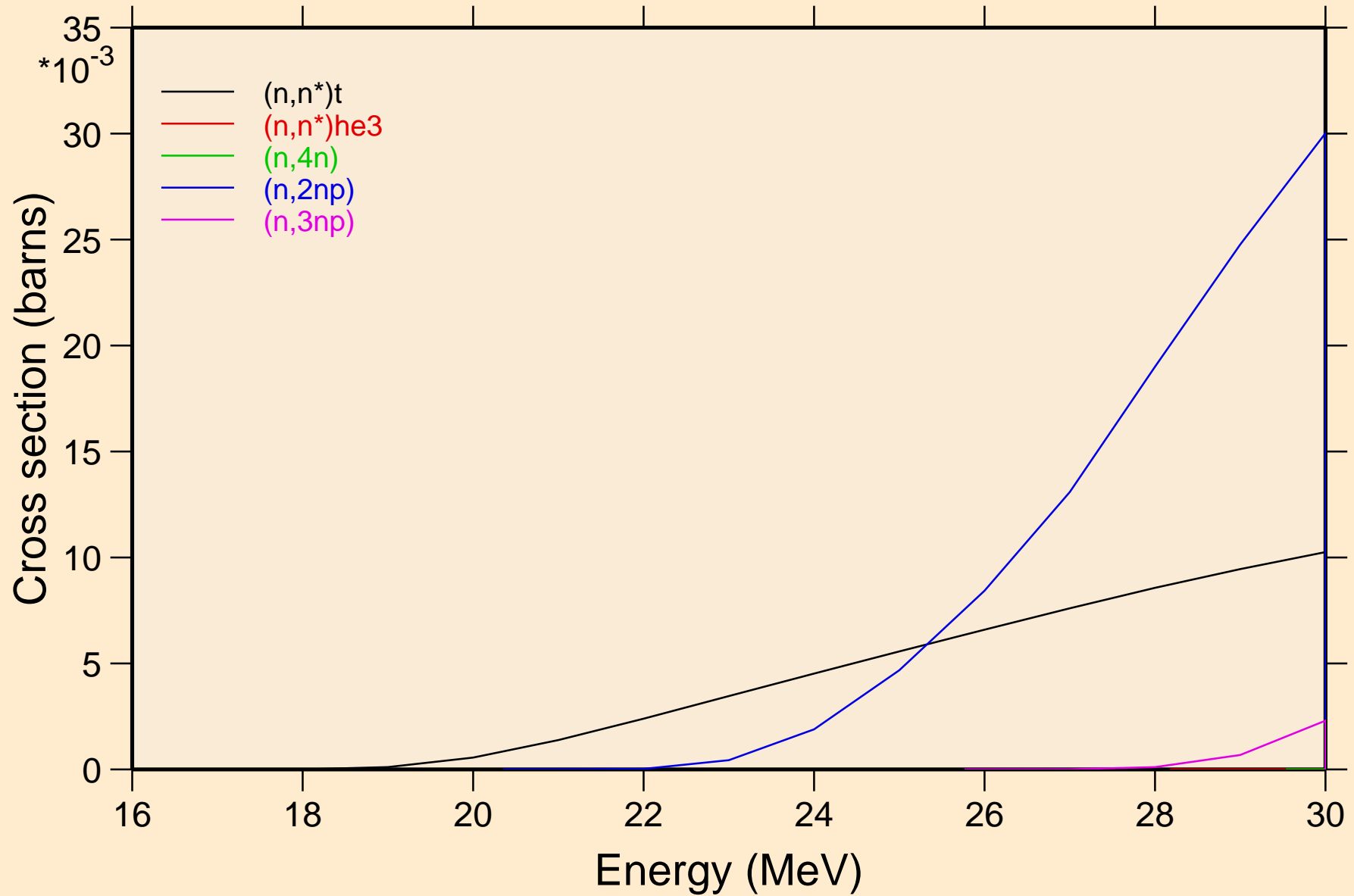
# NA025 NRG TENDL-2015, AKONING

## Threshold reactions



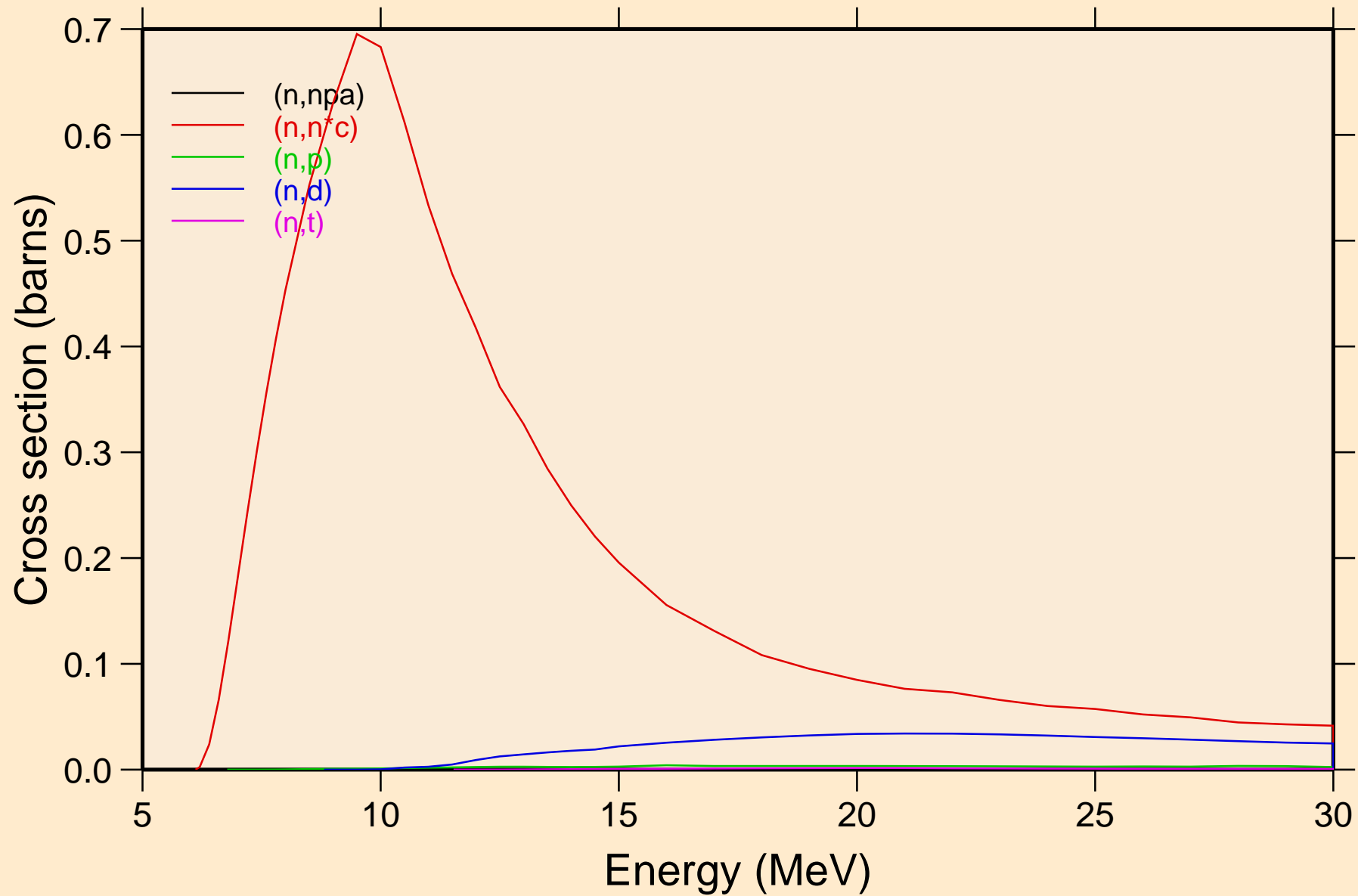
# NA025 NRG TENDL-2015, AKONING

## Threshold reactions



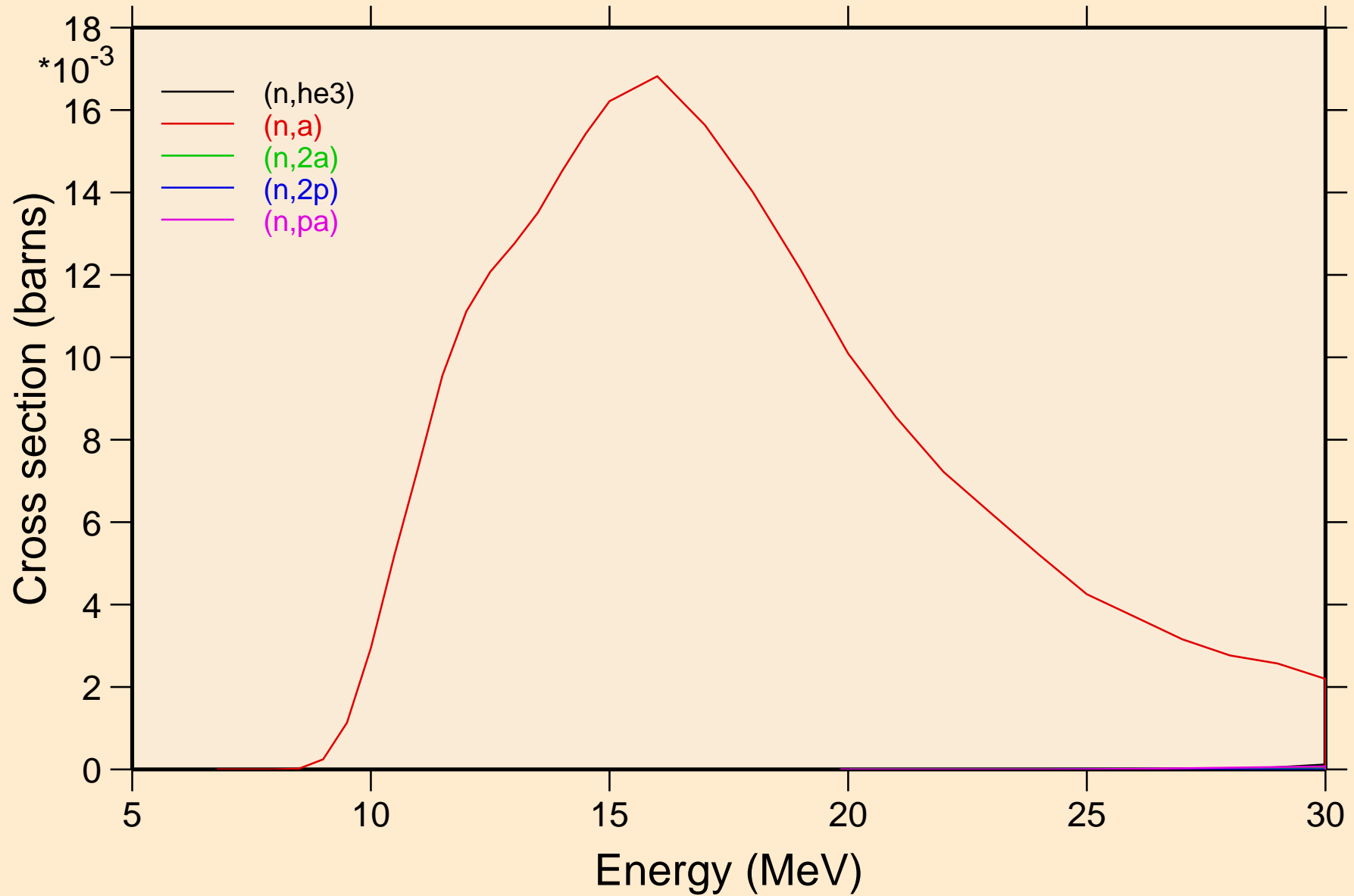
# NA025 NRG TENDL-2015, AKONING

## Threshold reactions



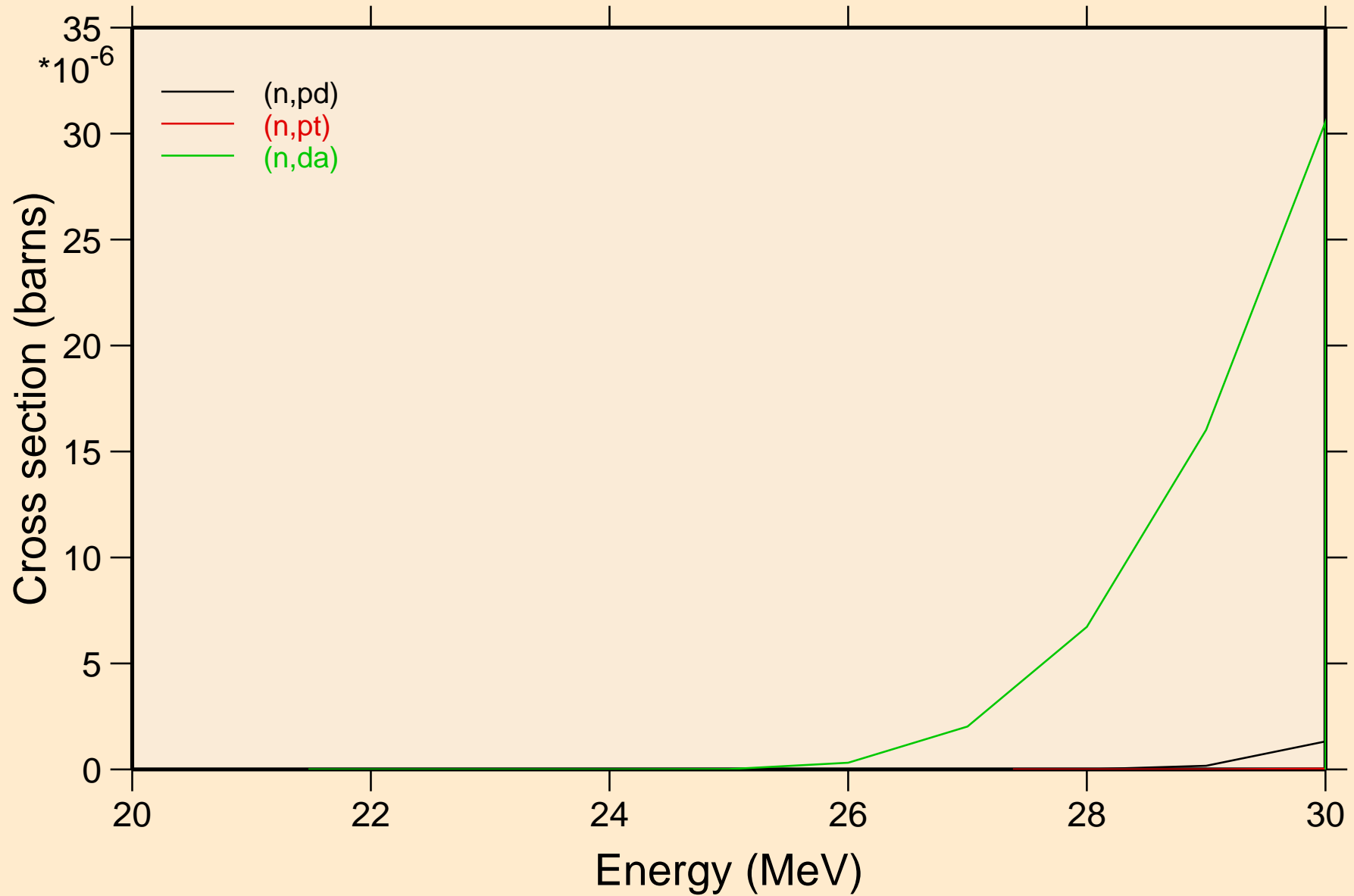
# NA025 NRG TENDL-2015, AKONING

## Threshold reactions



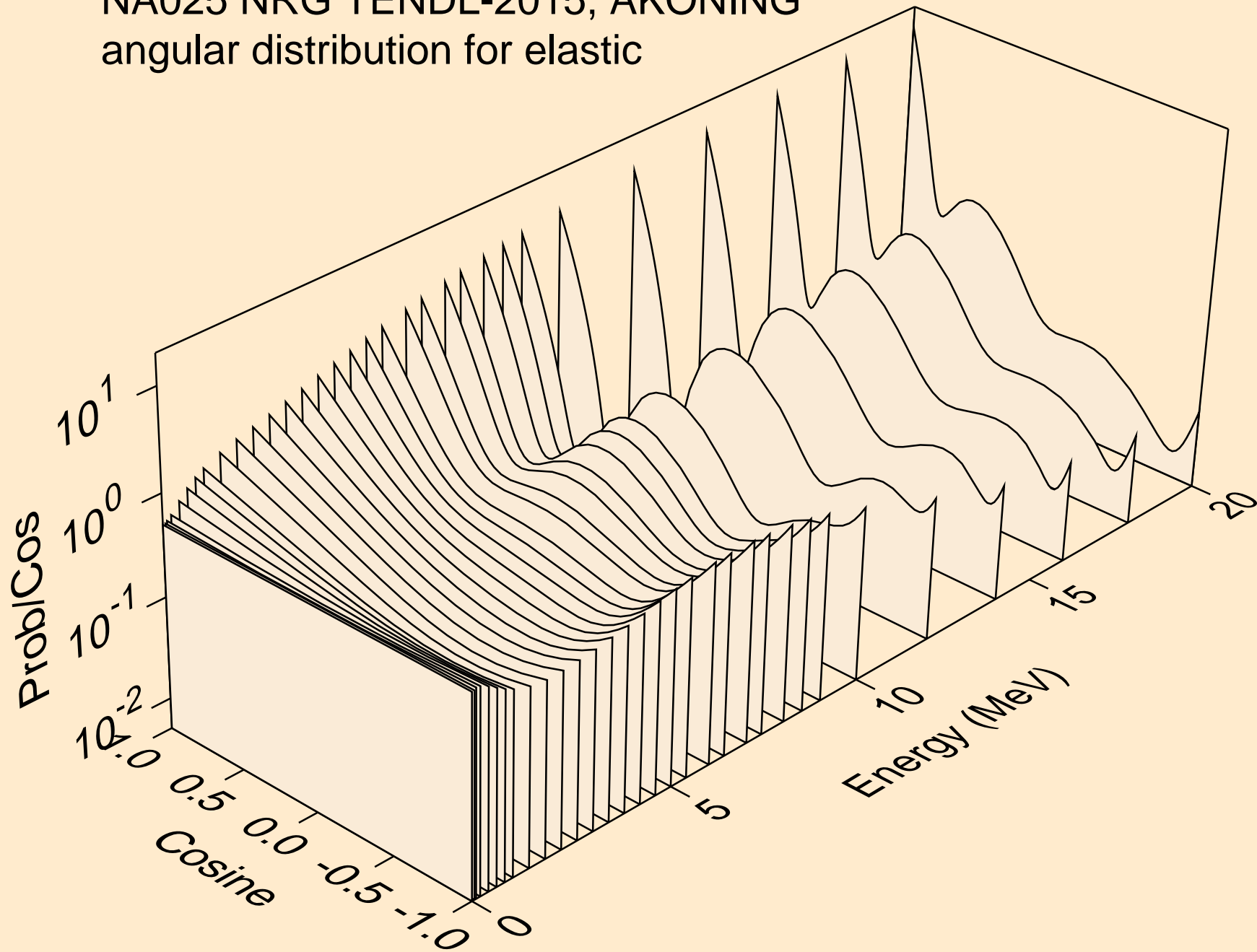
# NA025 NRG TENDL-2015, AKONING

## Threshold reactions

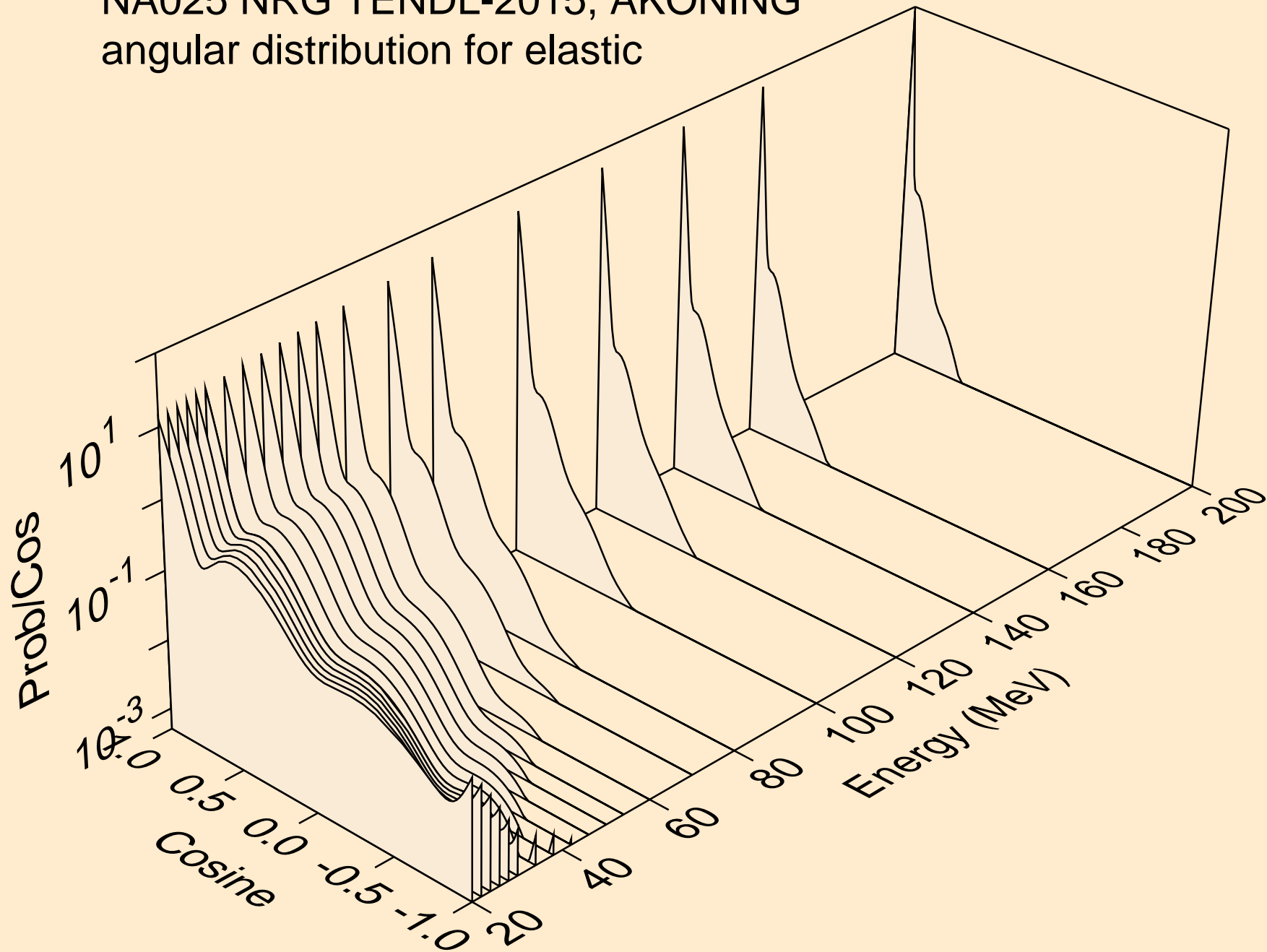




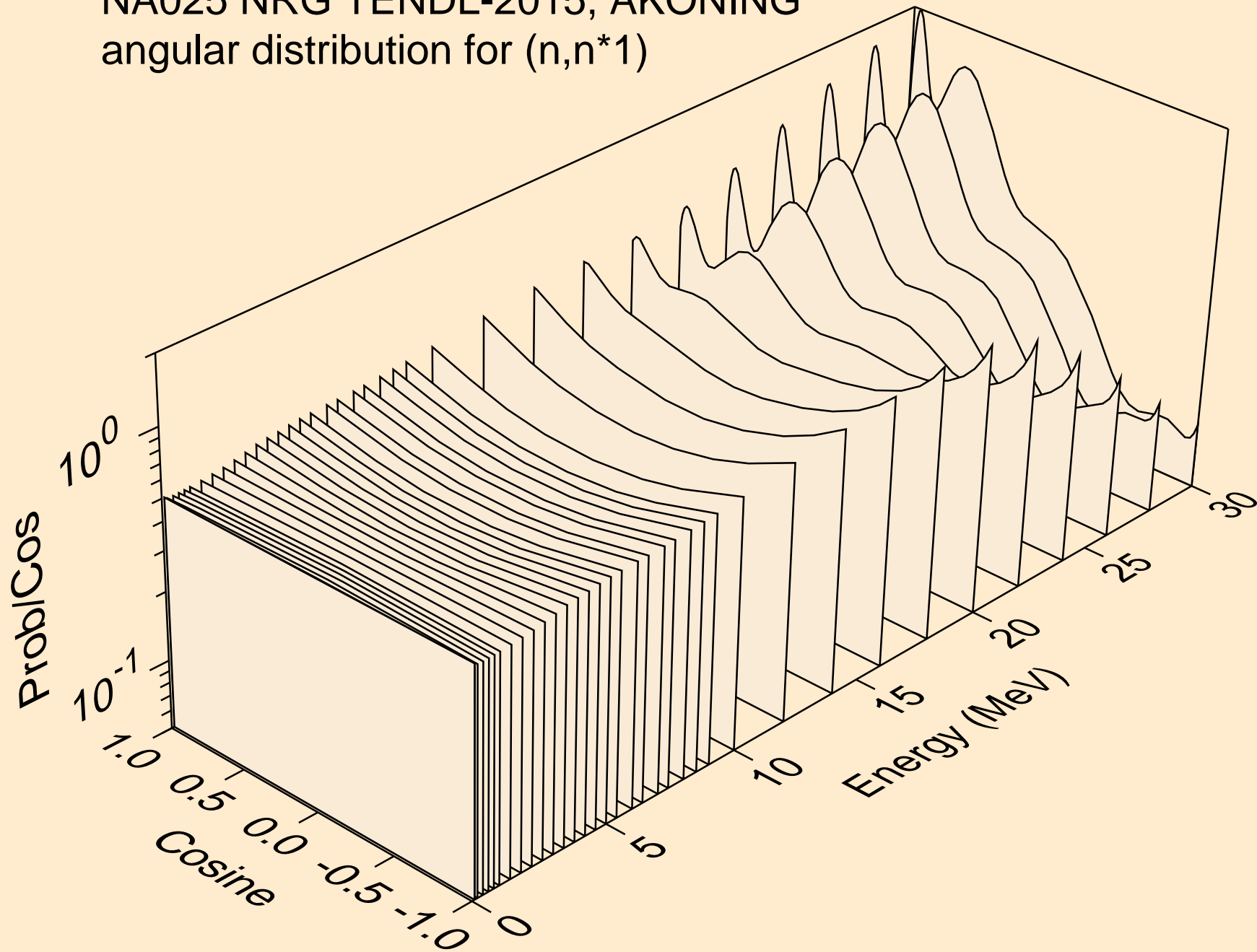
NA025 NRG TENDL-2015, AKONING  
angular distribution for elastic



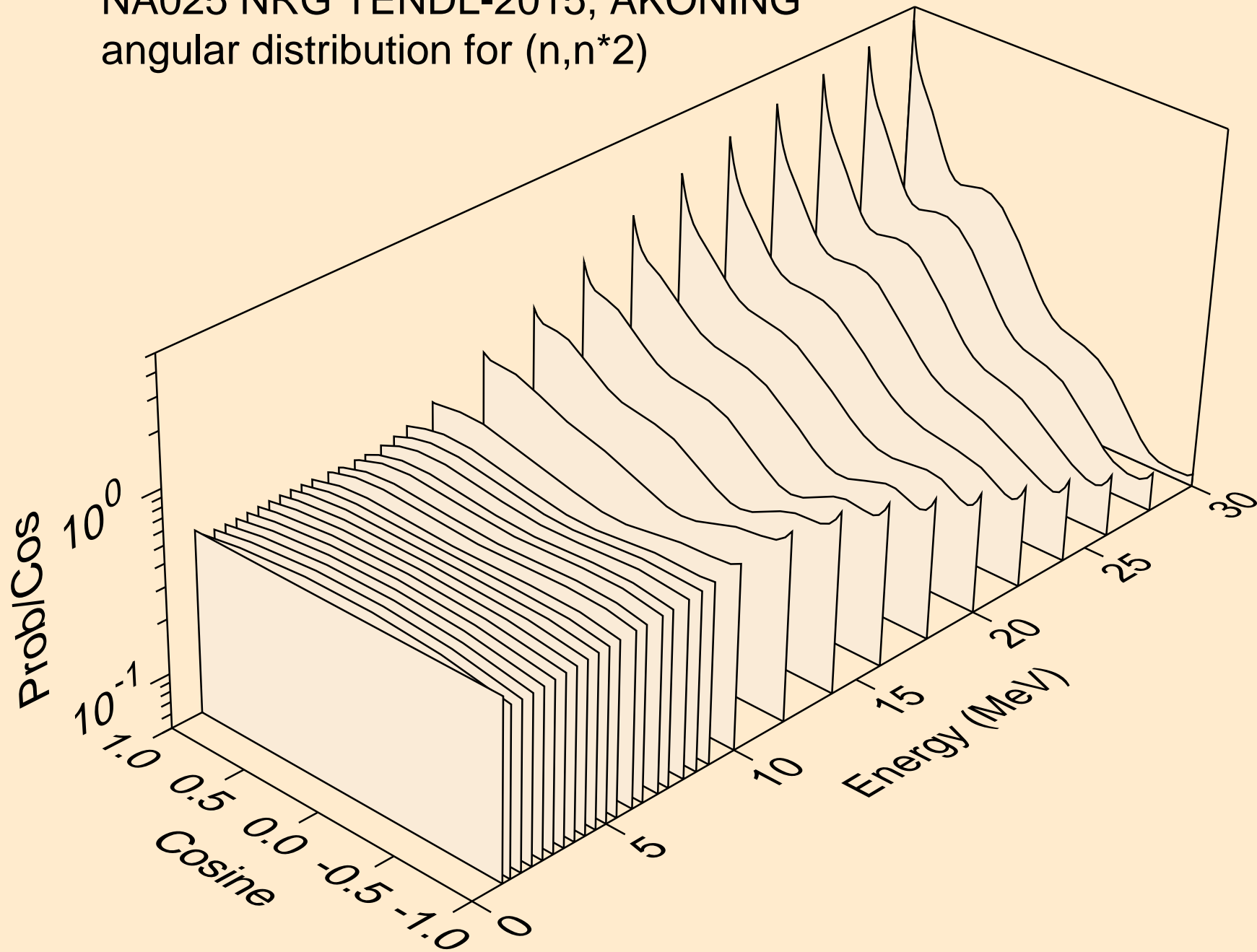
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angular distribution for elastic



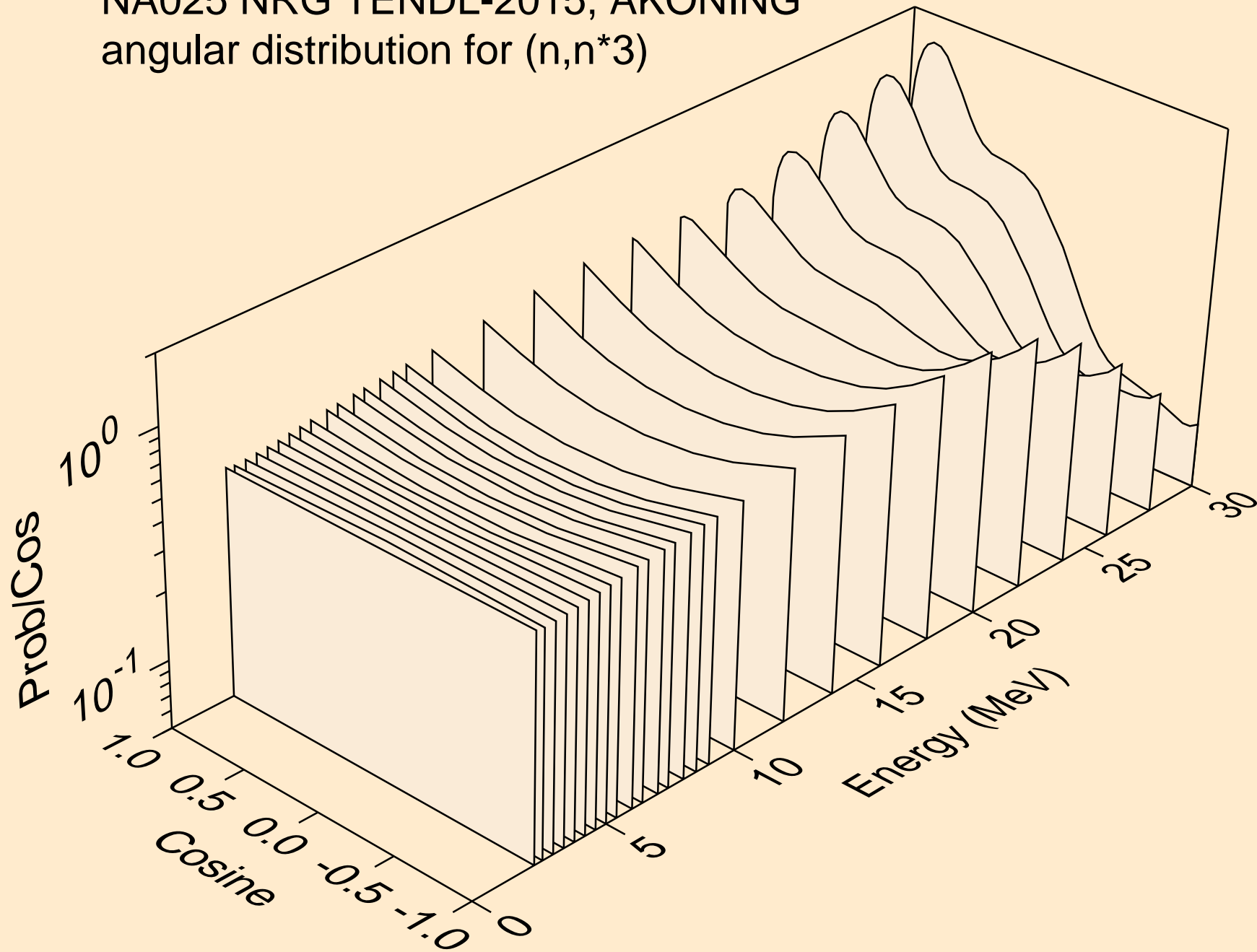
NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



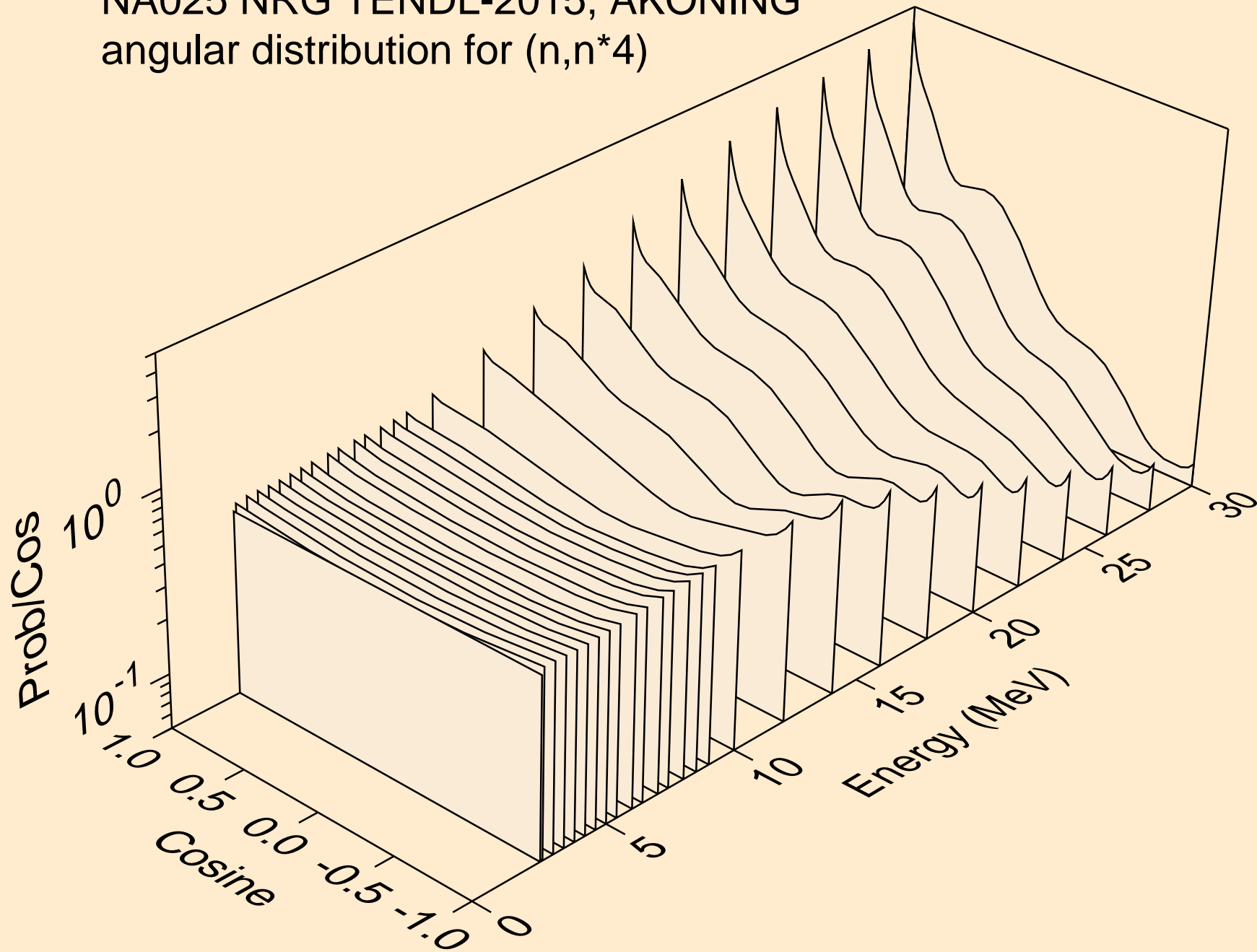
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angular distribution for (n,n\*2)



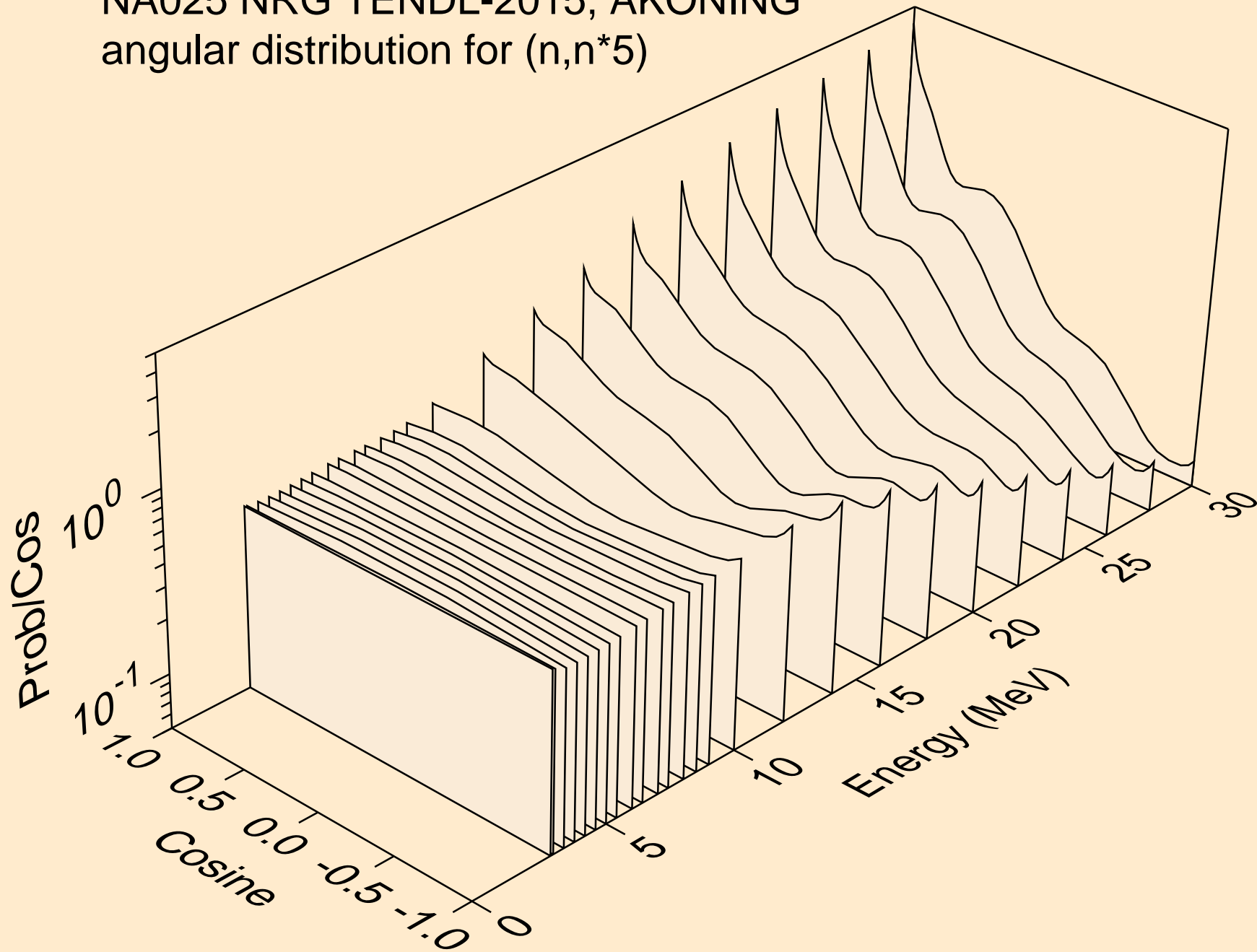
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angular distribution for (n,n\*3)



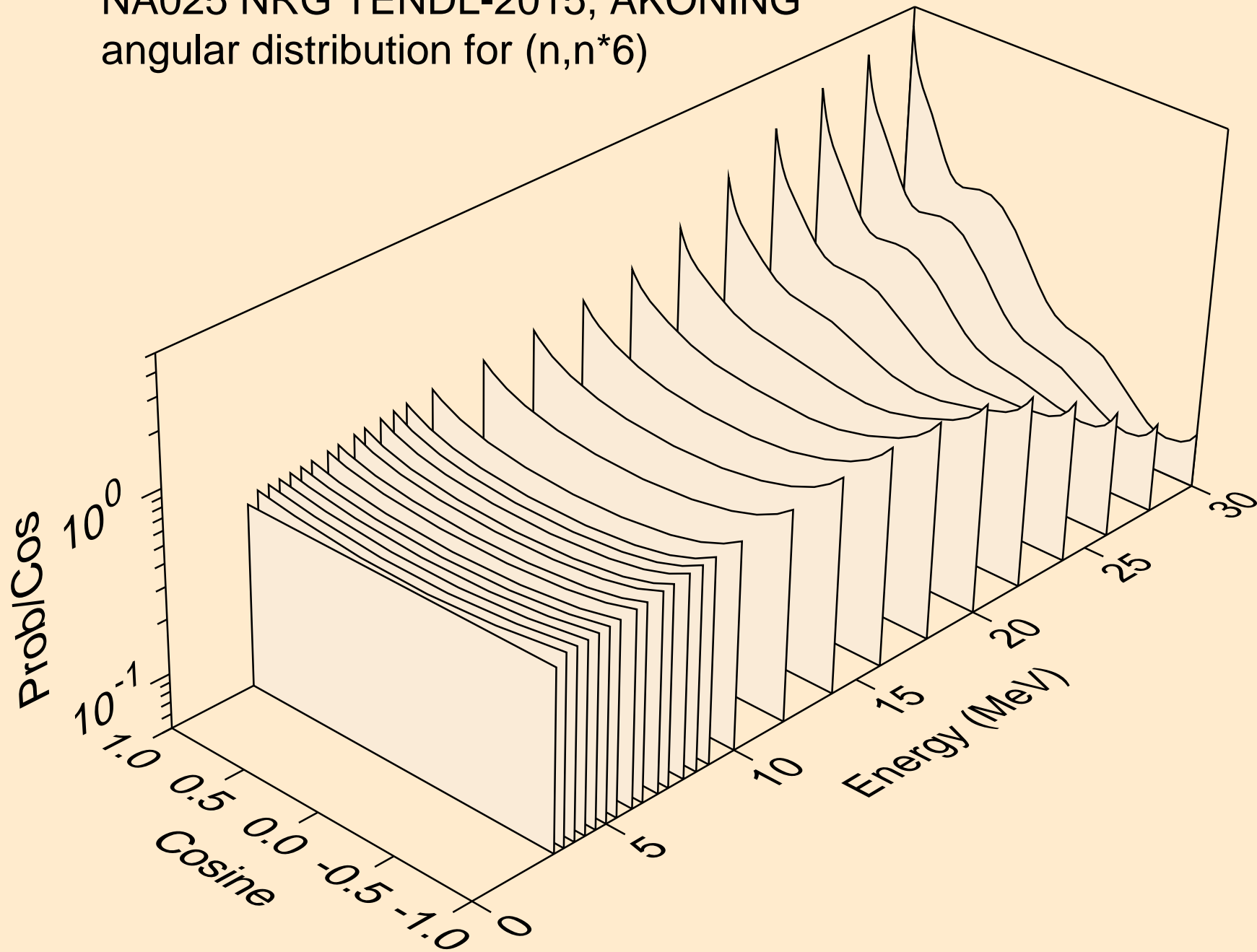
NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

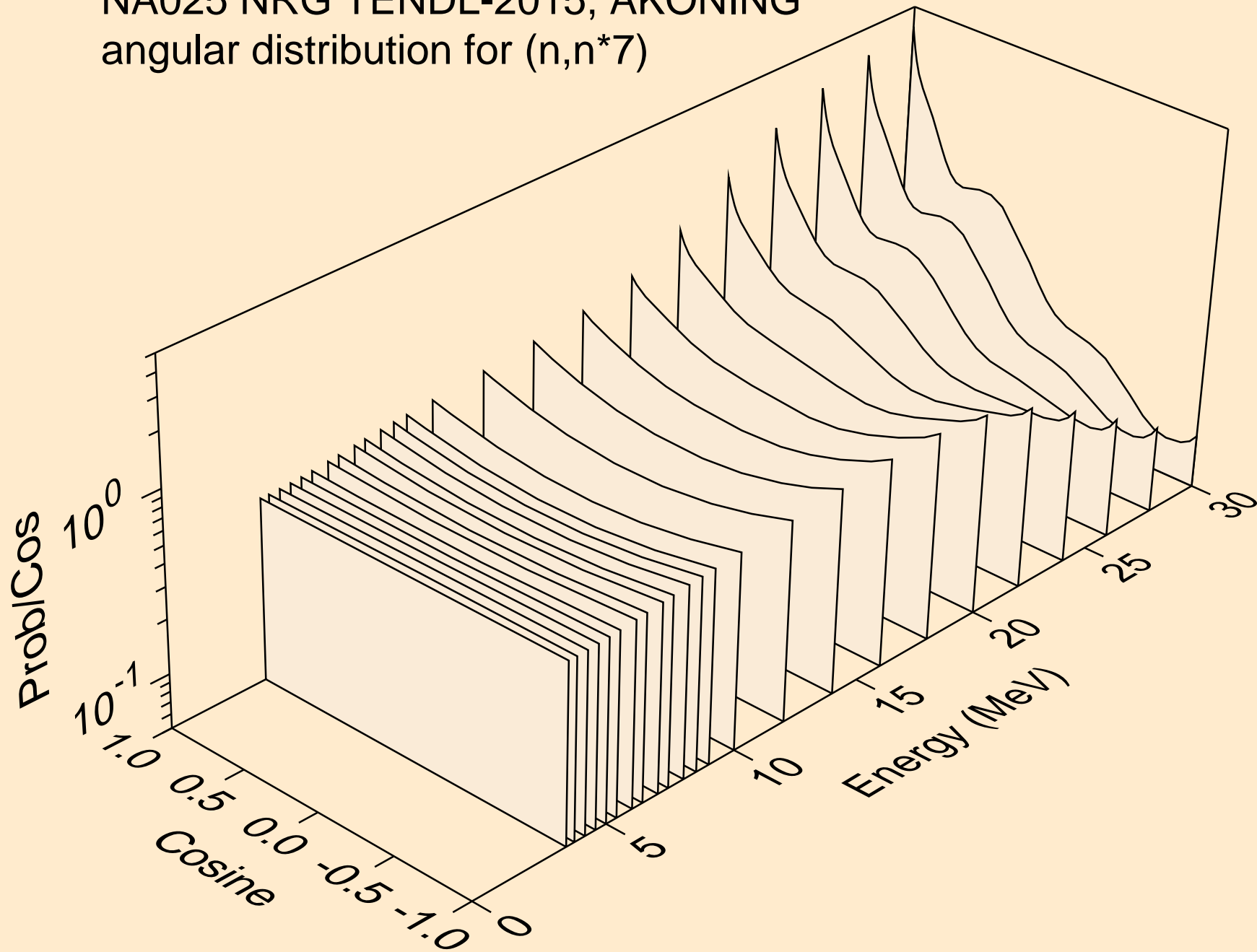


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angular distribution for (n,n\*6)

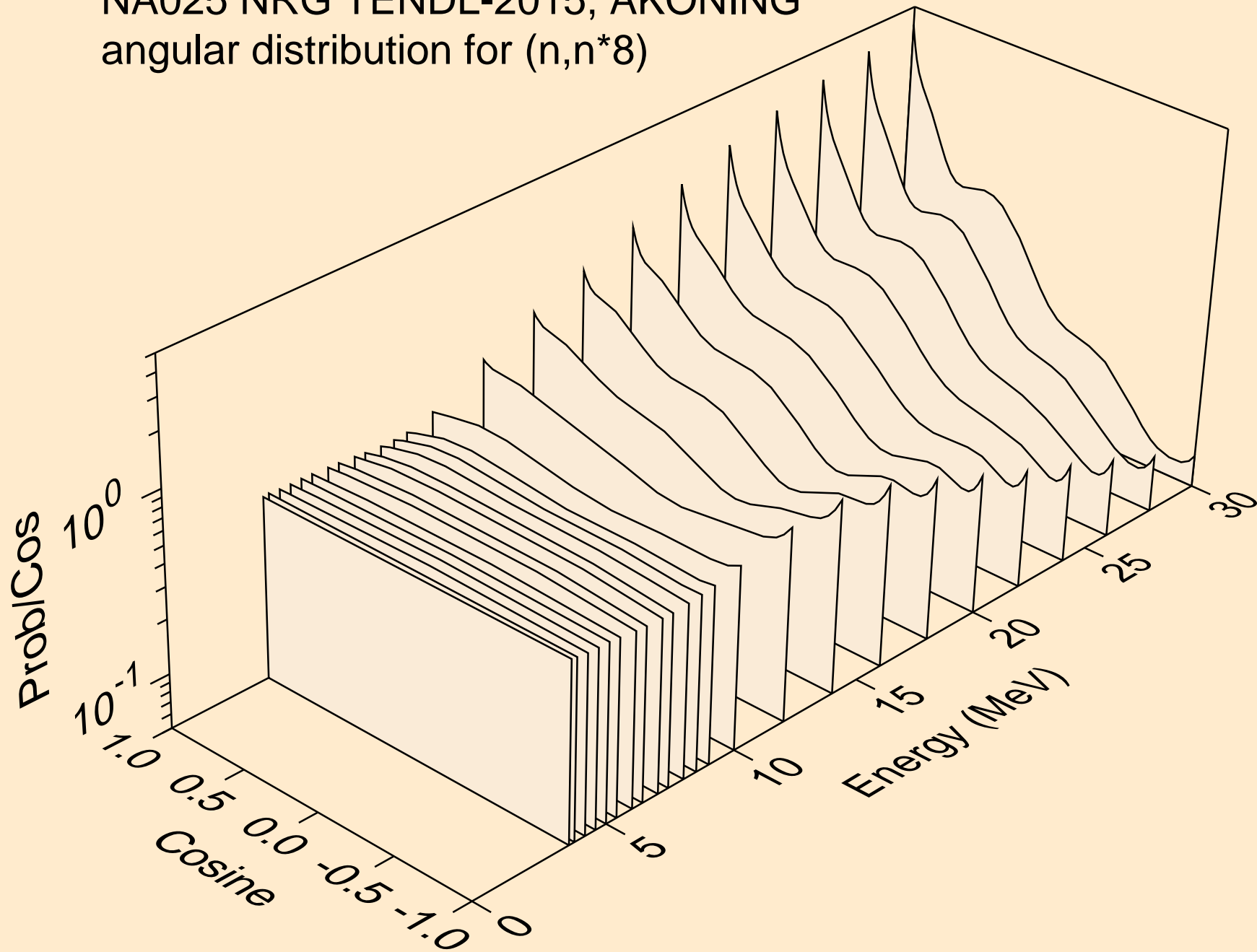




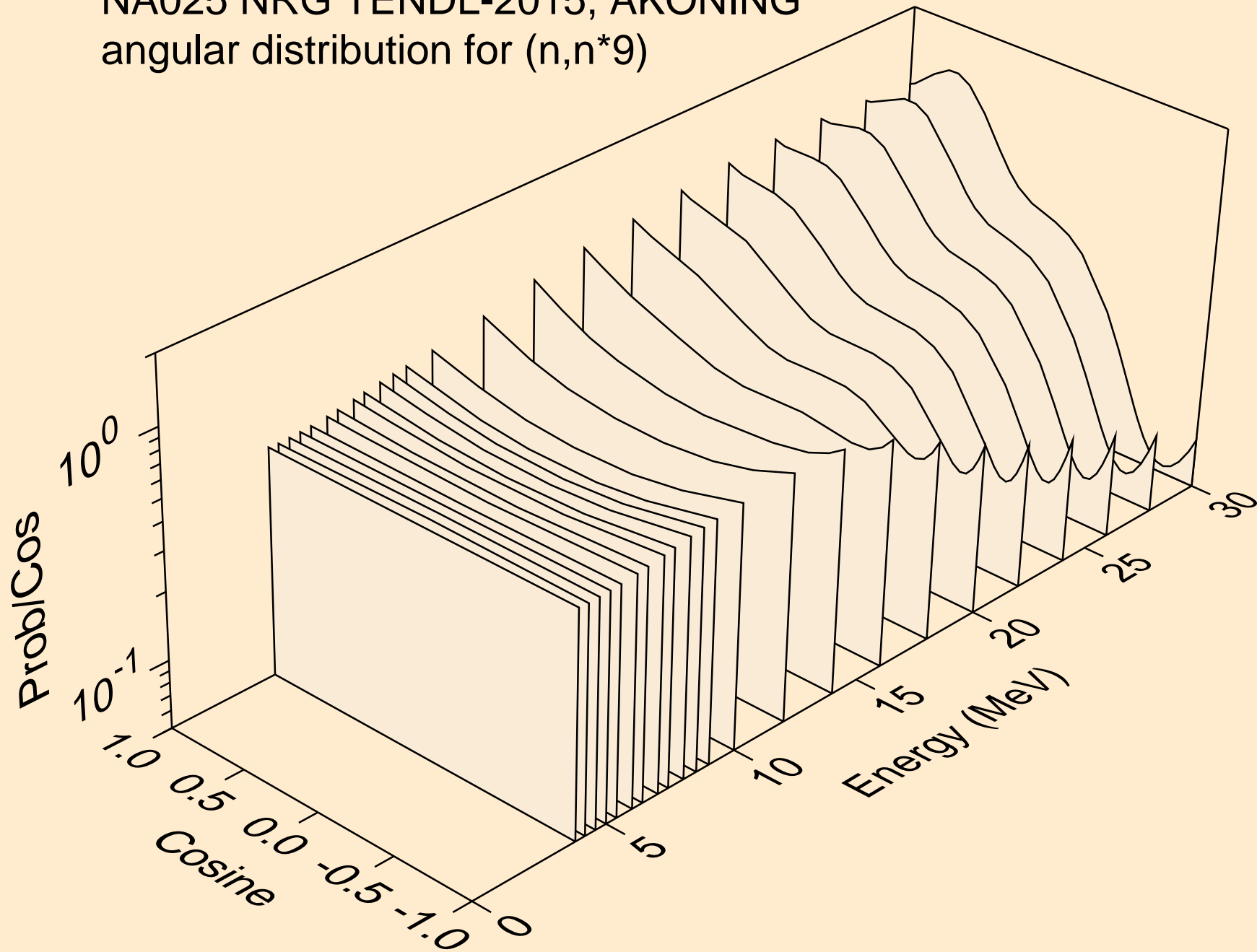
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angular distribution for (n,n\*7)



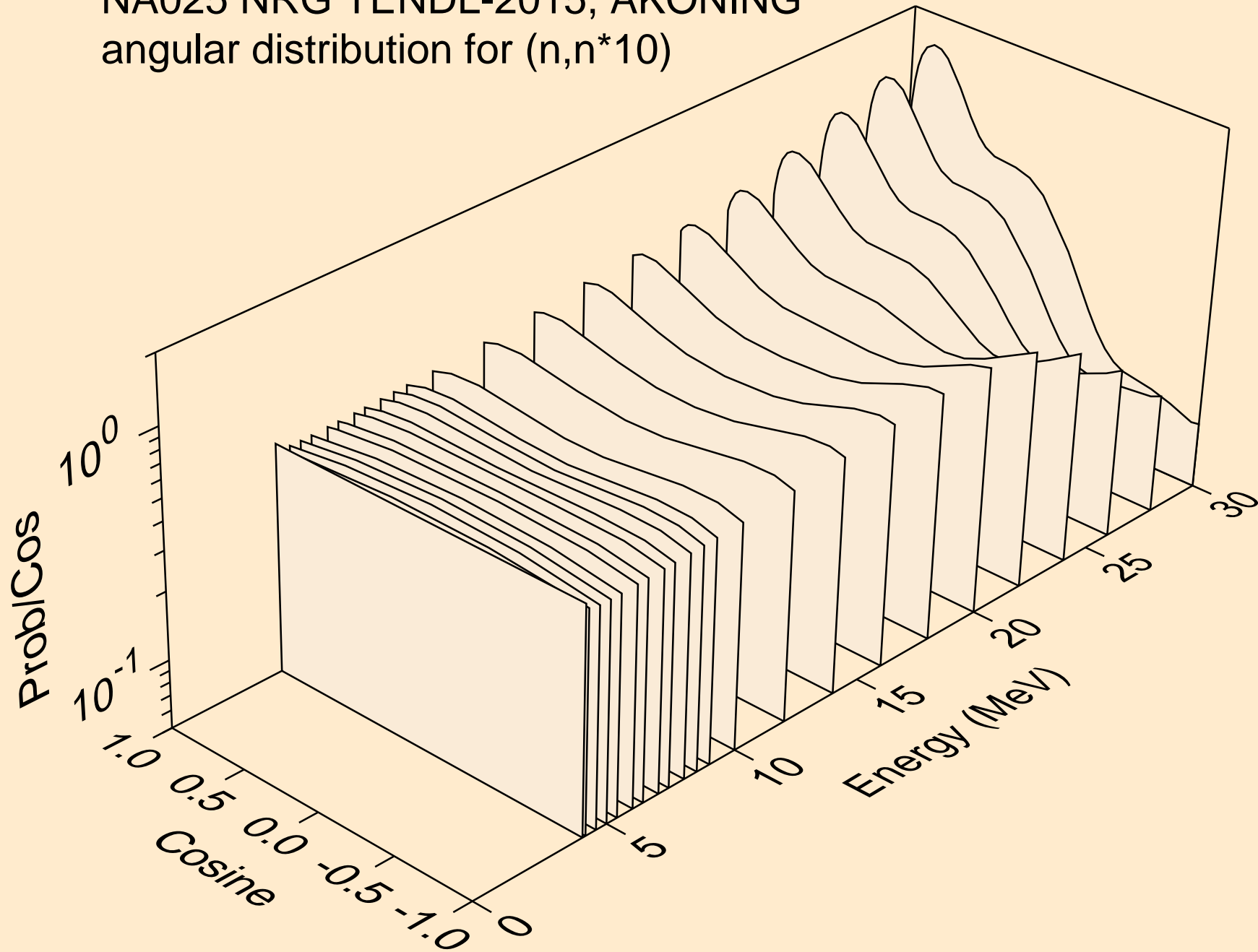
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angular distribution for (n,n\*8)



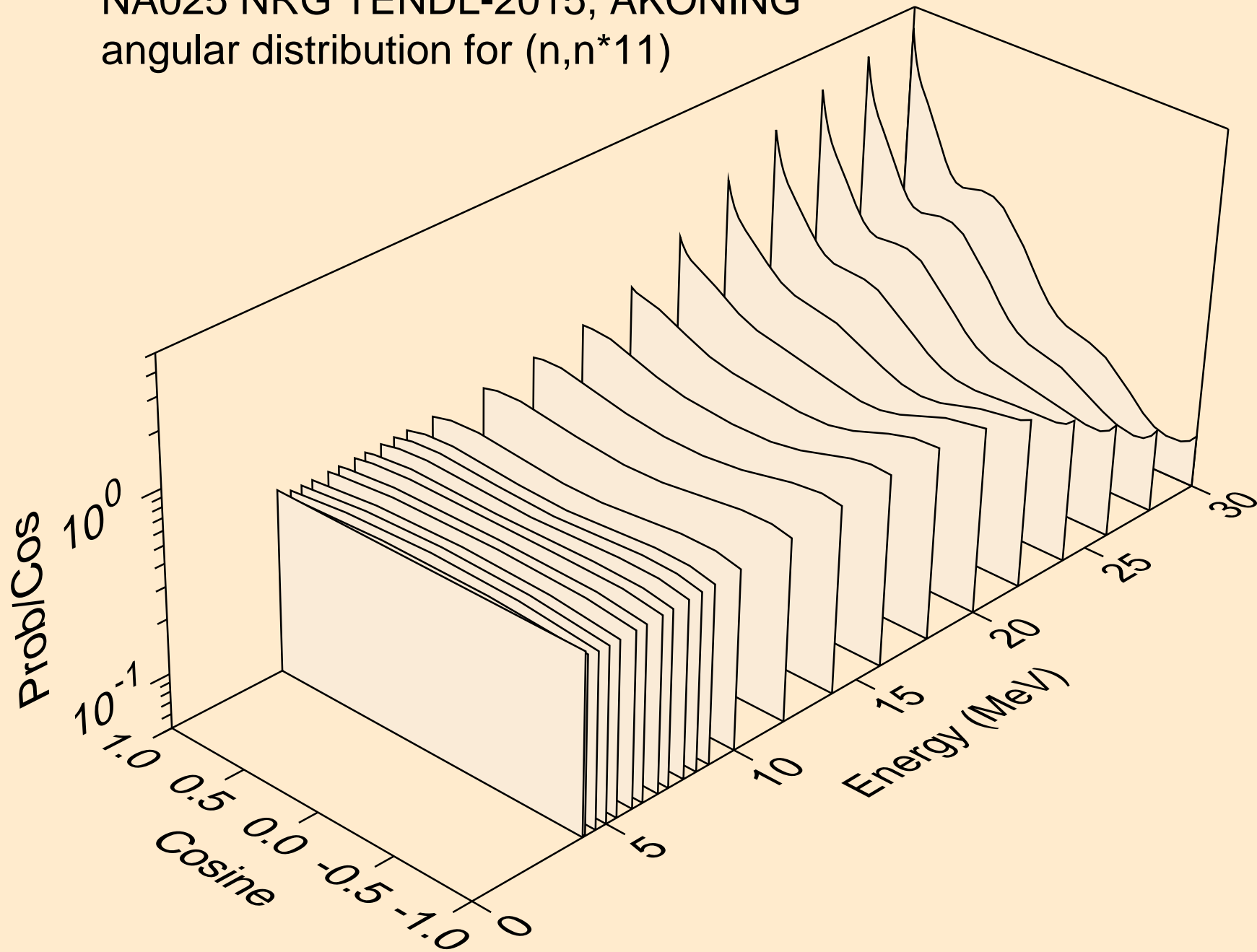
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angular distribution for (n,n\*9)



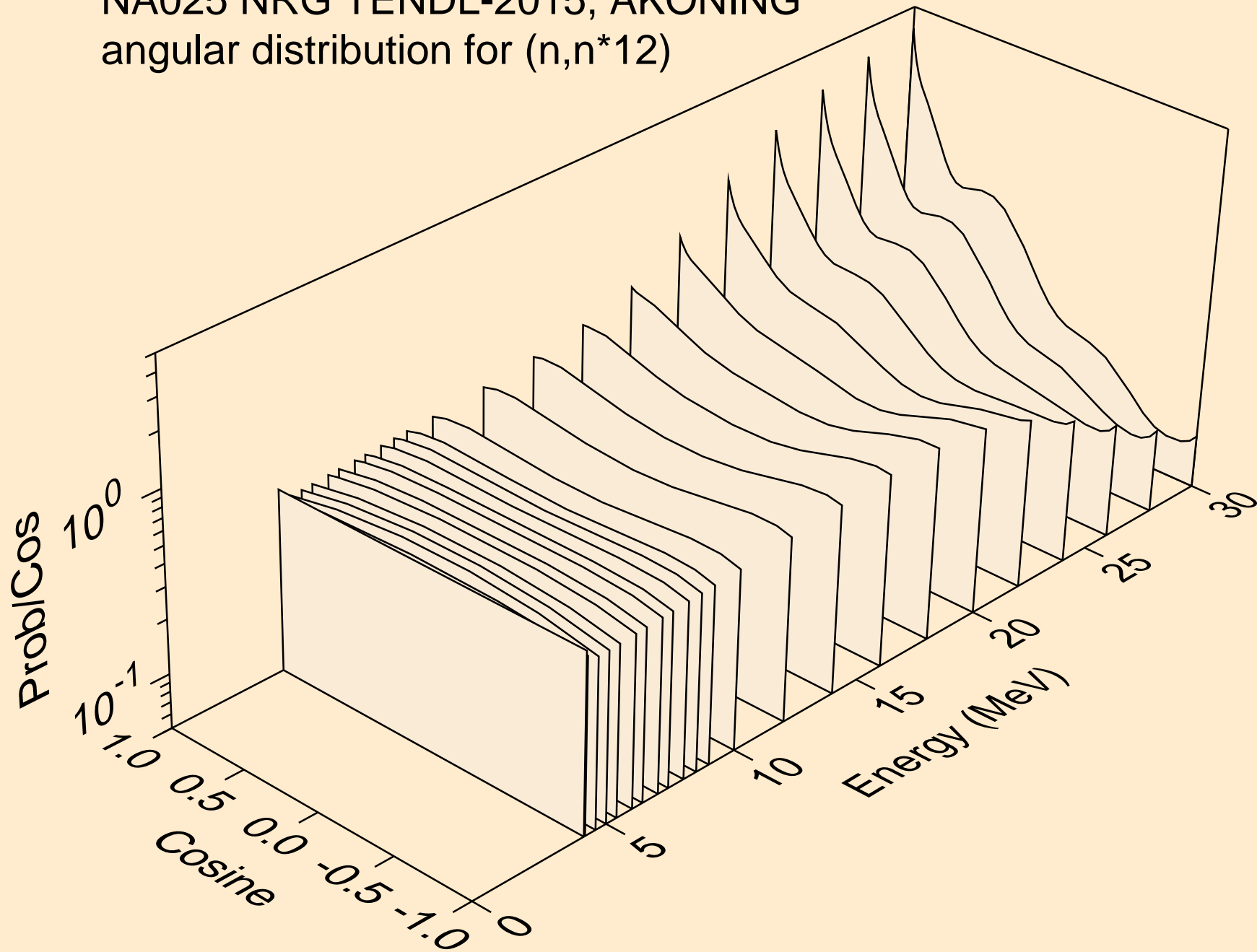
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angular distribution for (n,n\*10)



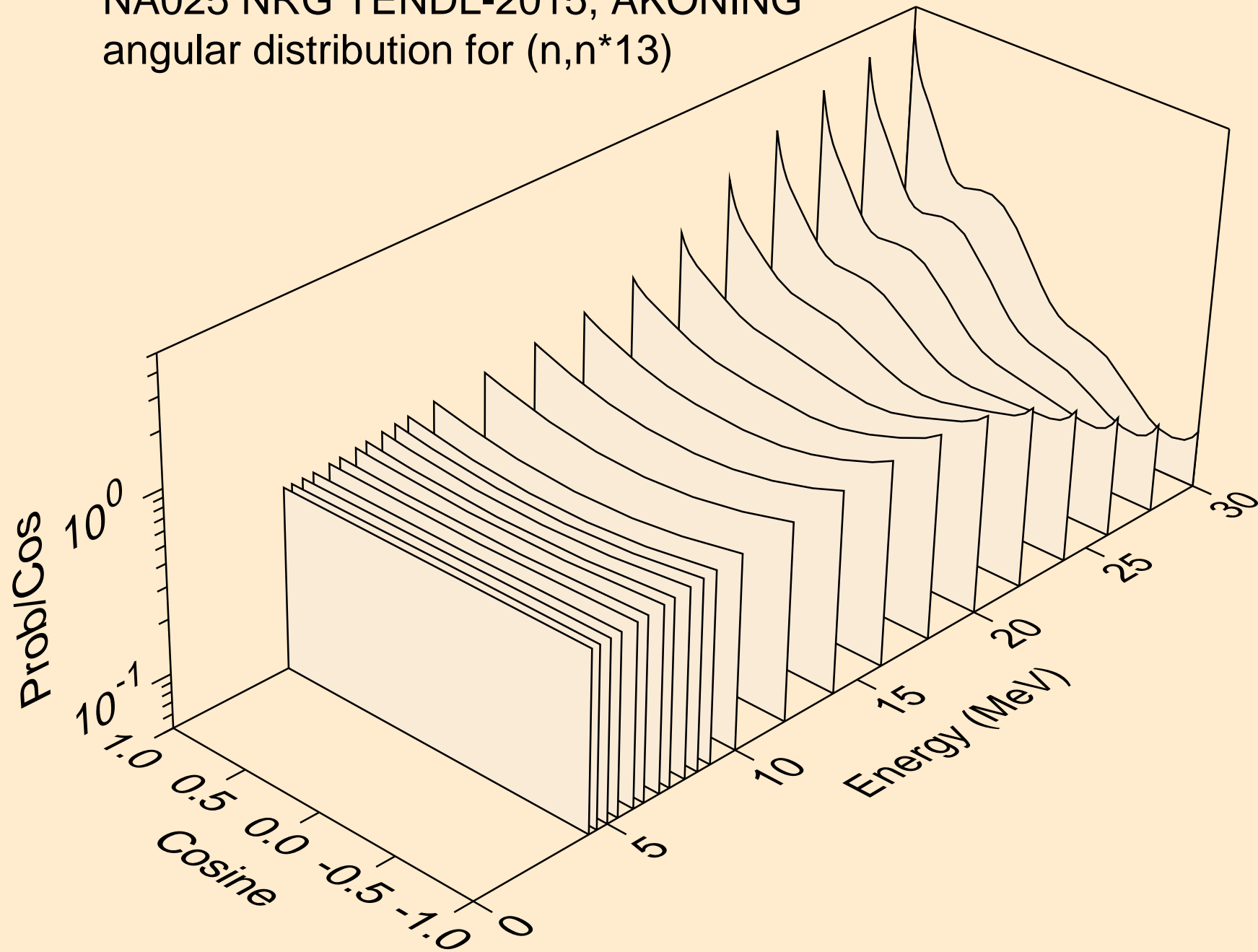
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angular distribution for (n,n\*11)



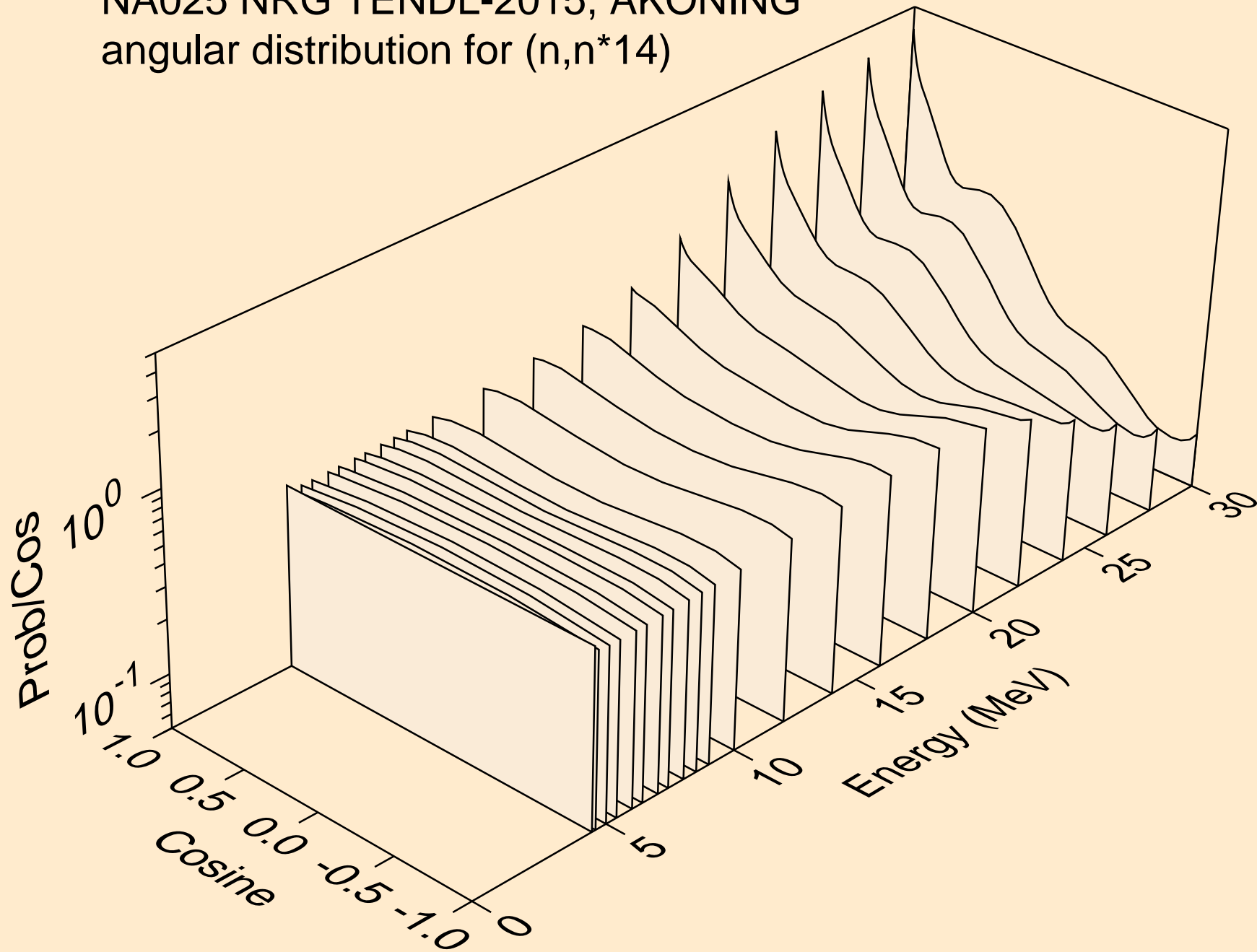
NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

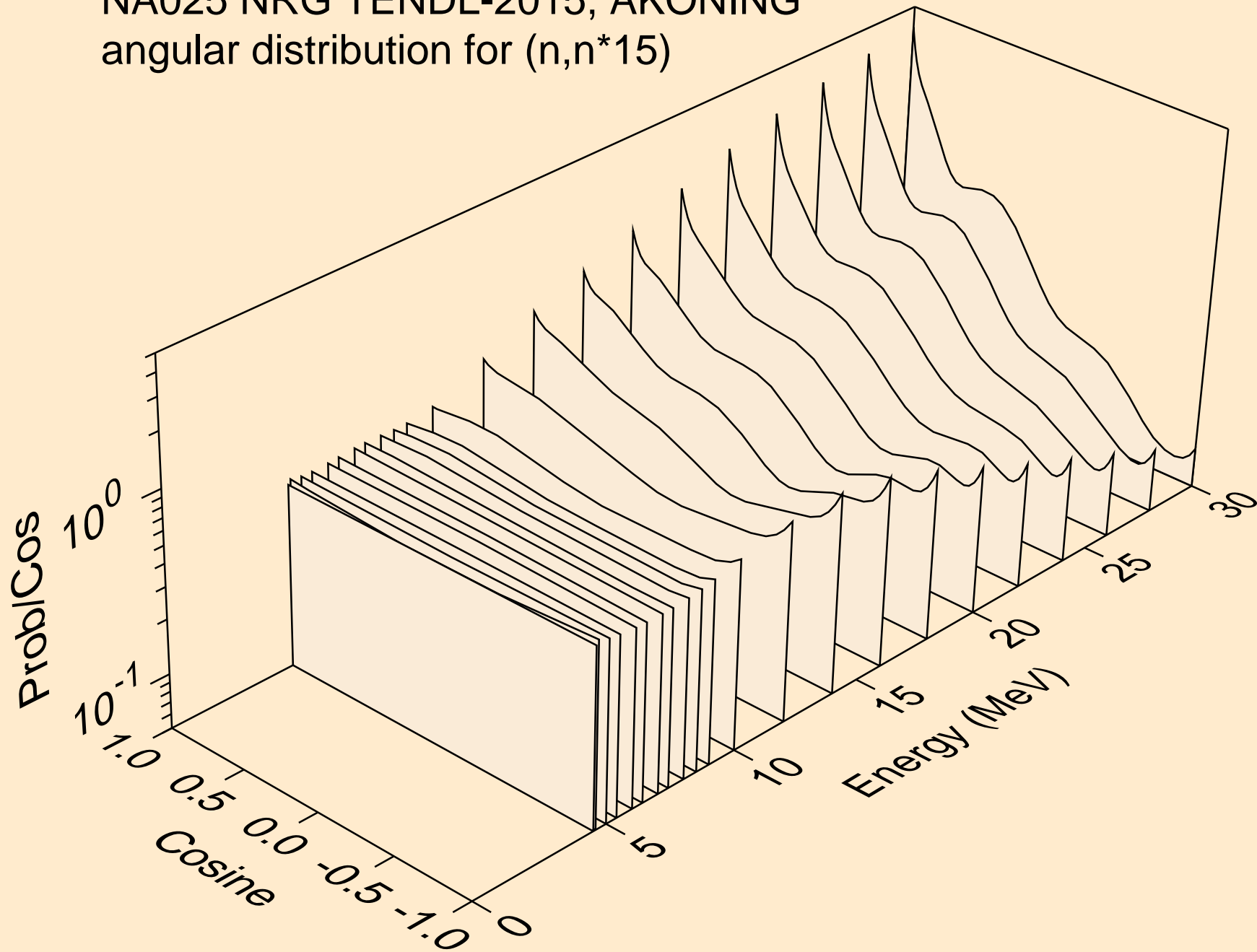


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angular distribution for (n,n\*14)

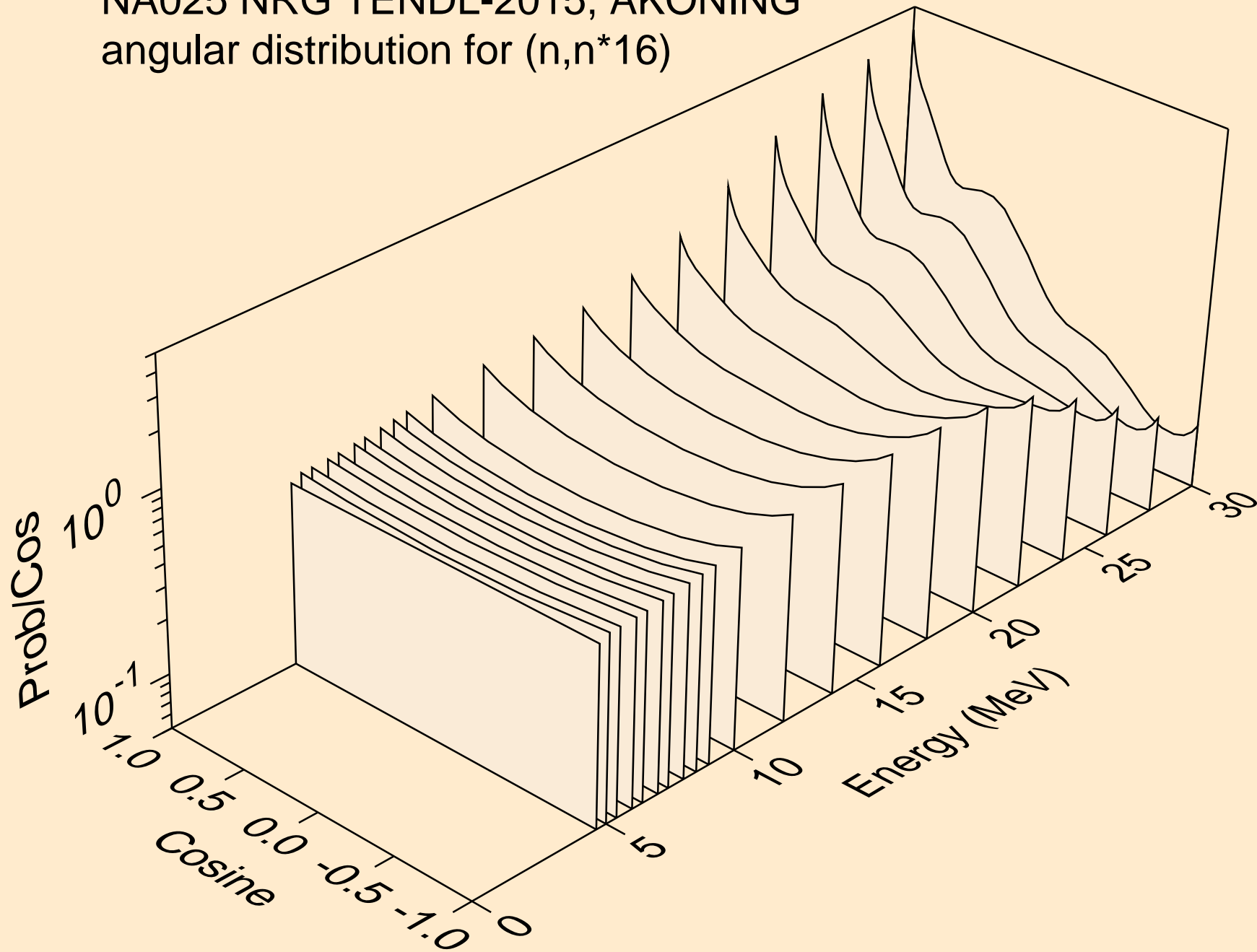




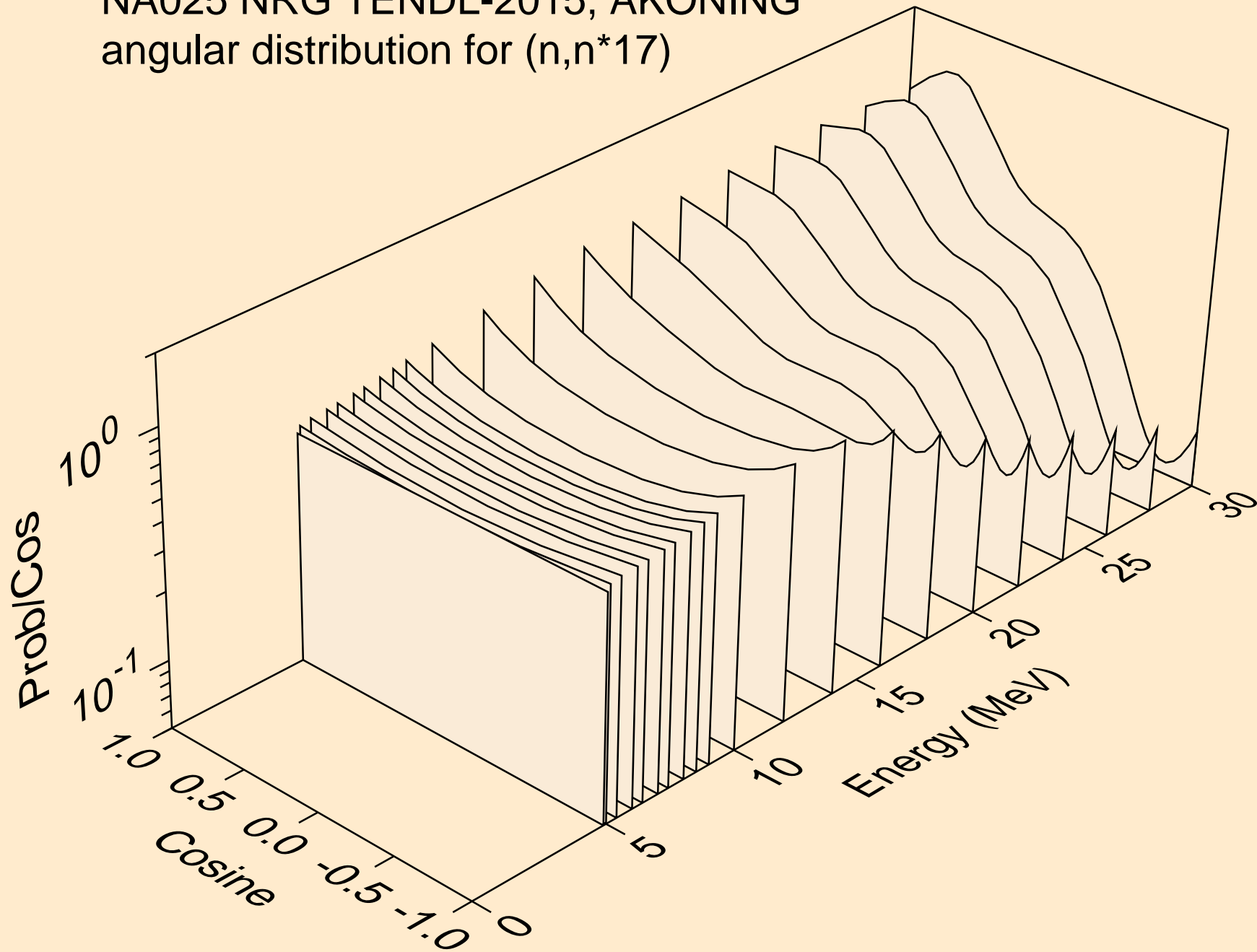
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angular distribution for (n,n\*15)



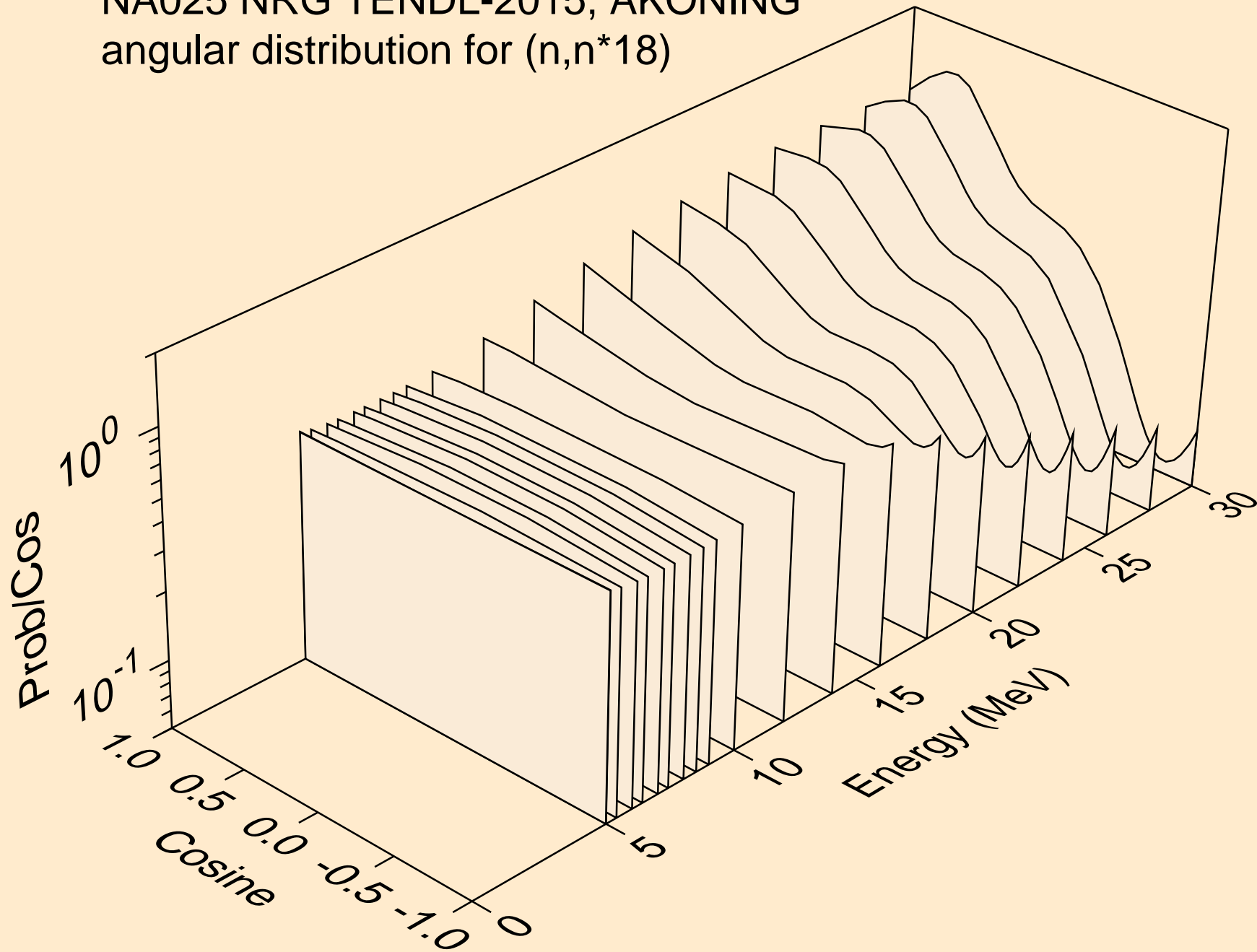
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angular distribution for (n,n\*16)



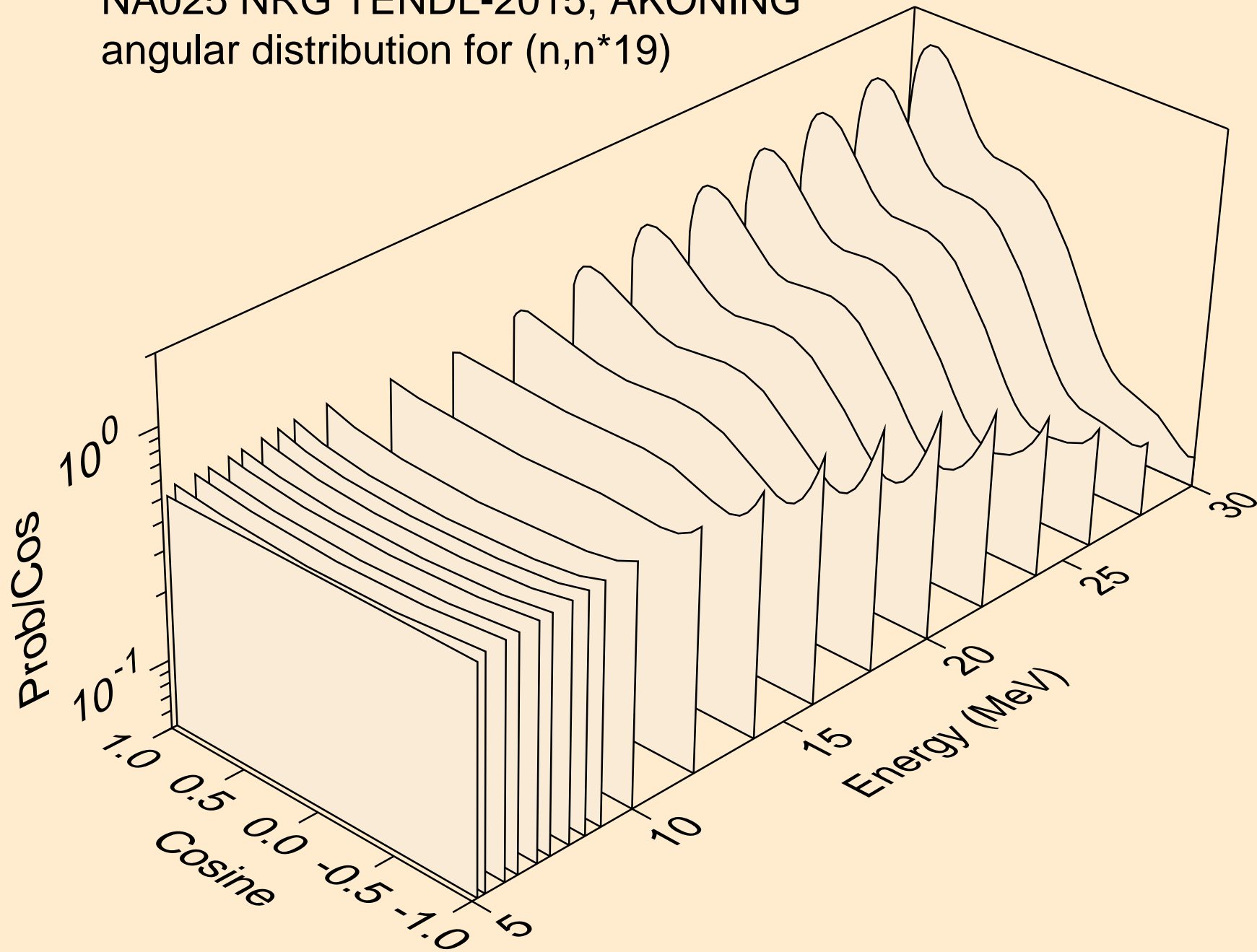
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angular distribution for (n,n\*17)



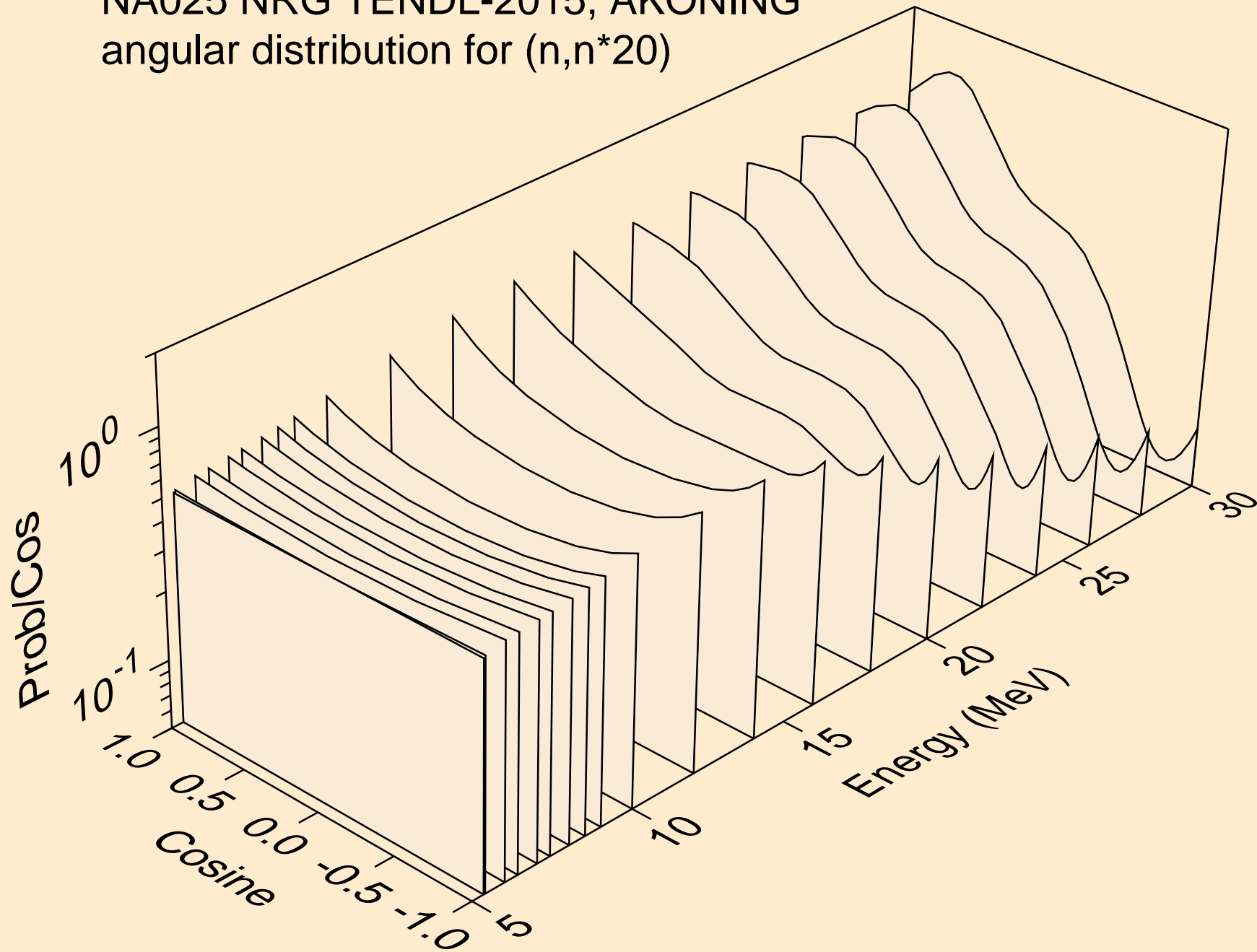
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angular distribution for (n,n\*18)



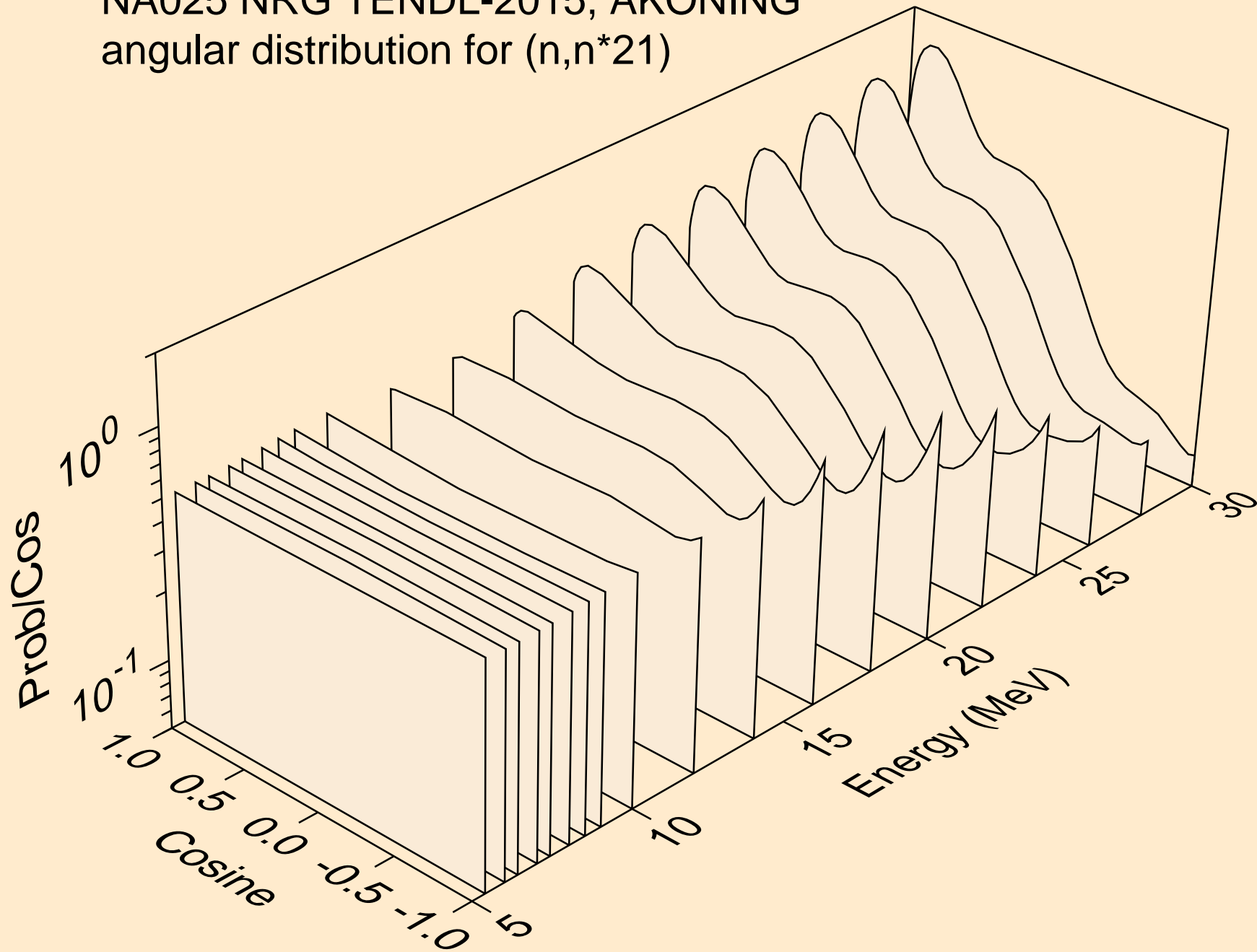
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angular distribution for (n,n\*19)



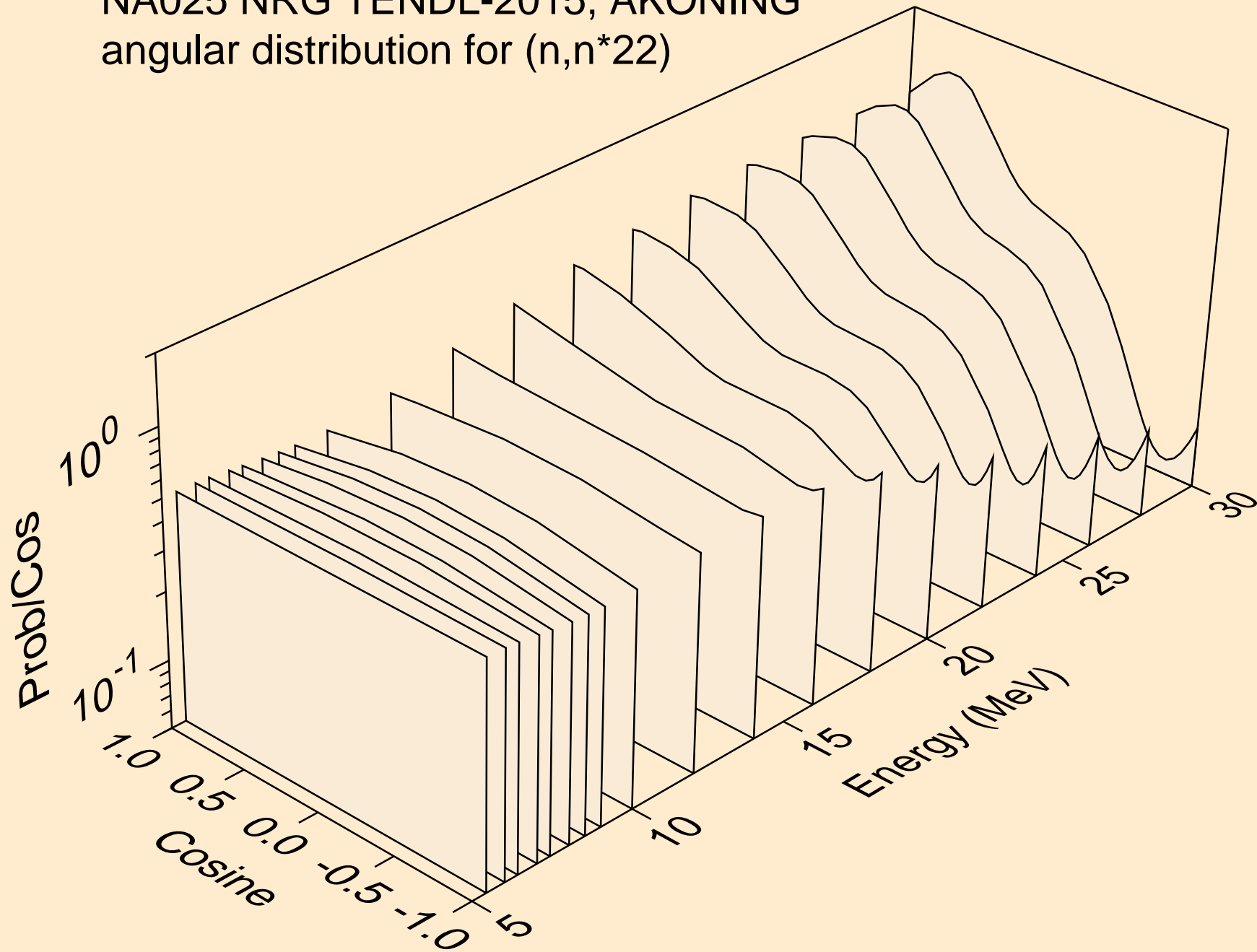
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angular distribution for (n,n\*20)



NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

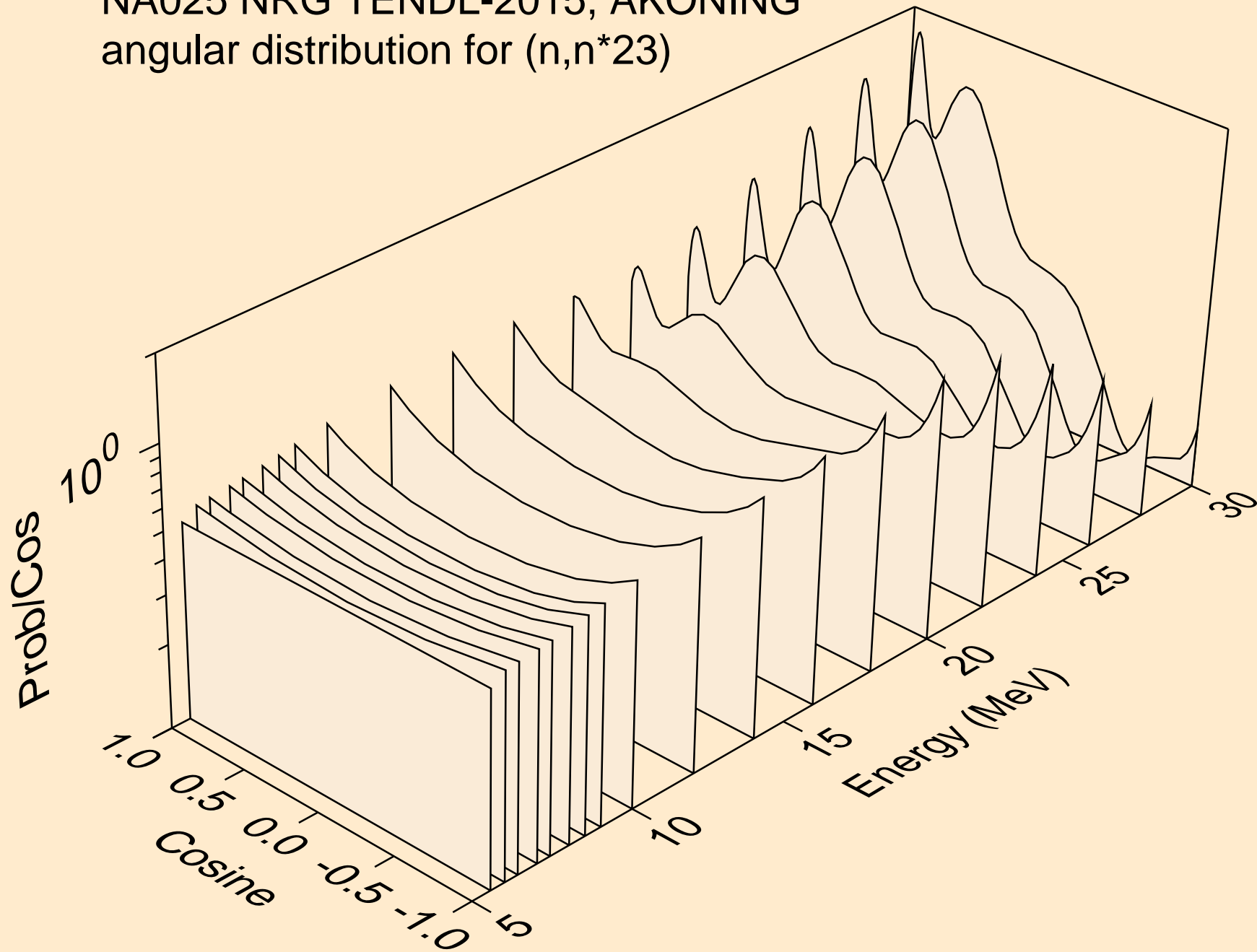


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angular distribution for (n,n\*22)

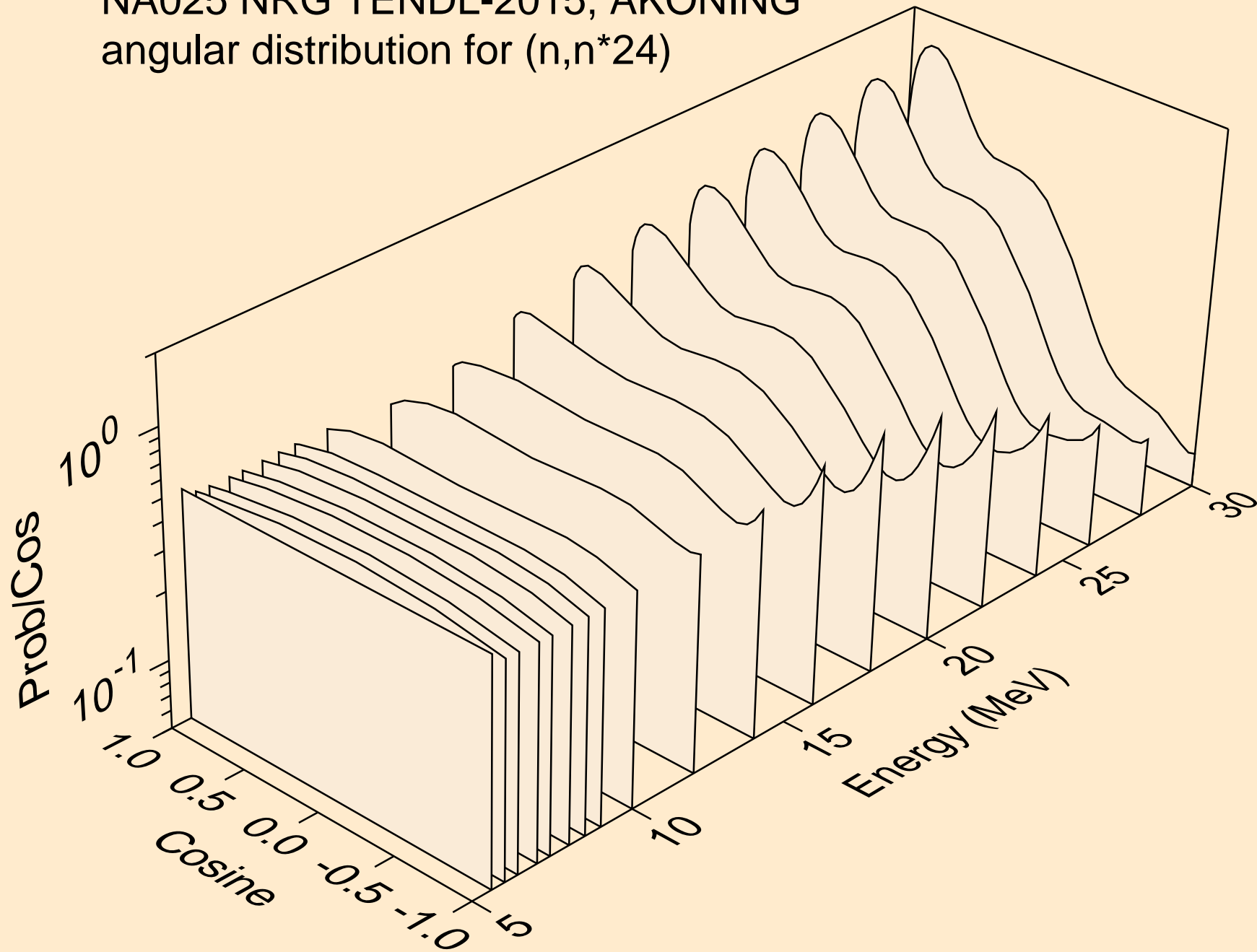




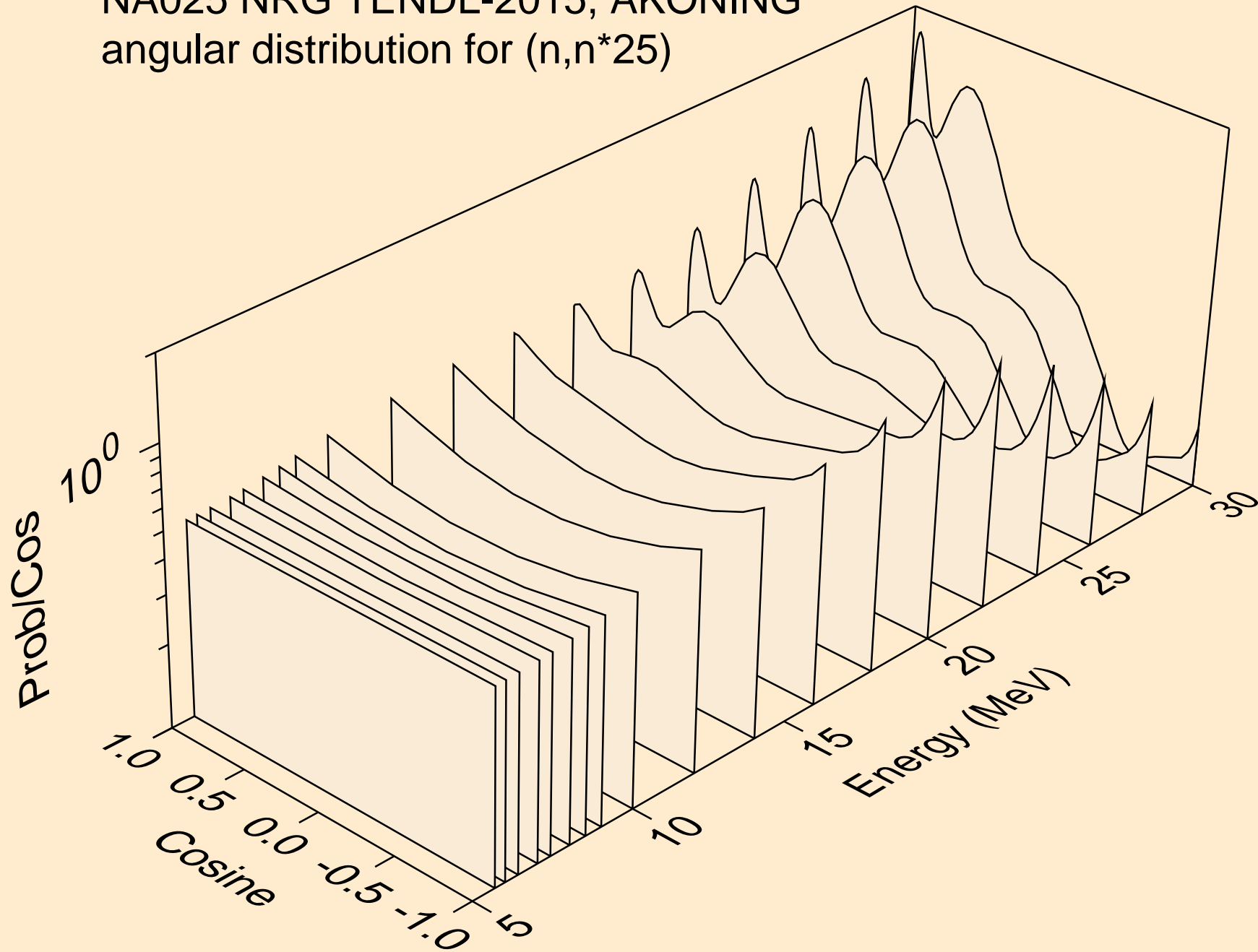
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angular distribution for (n,n\*23)



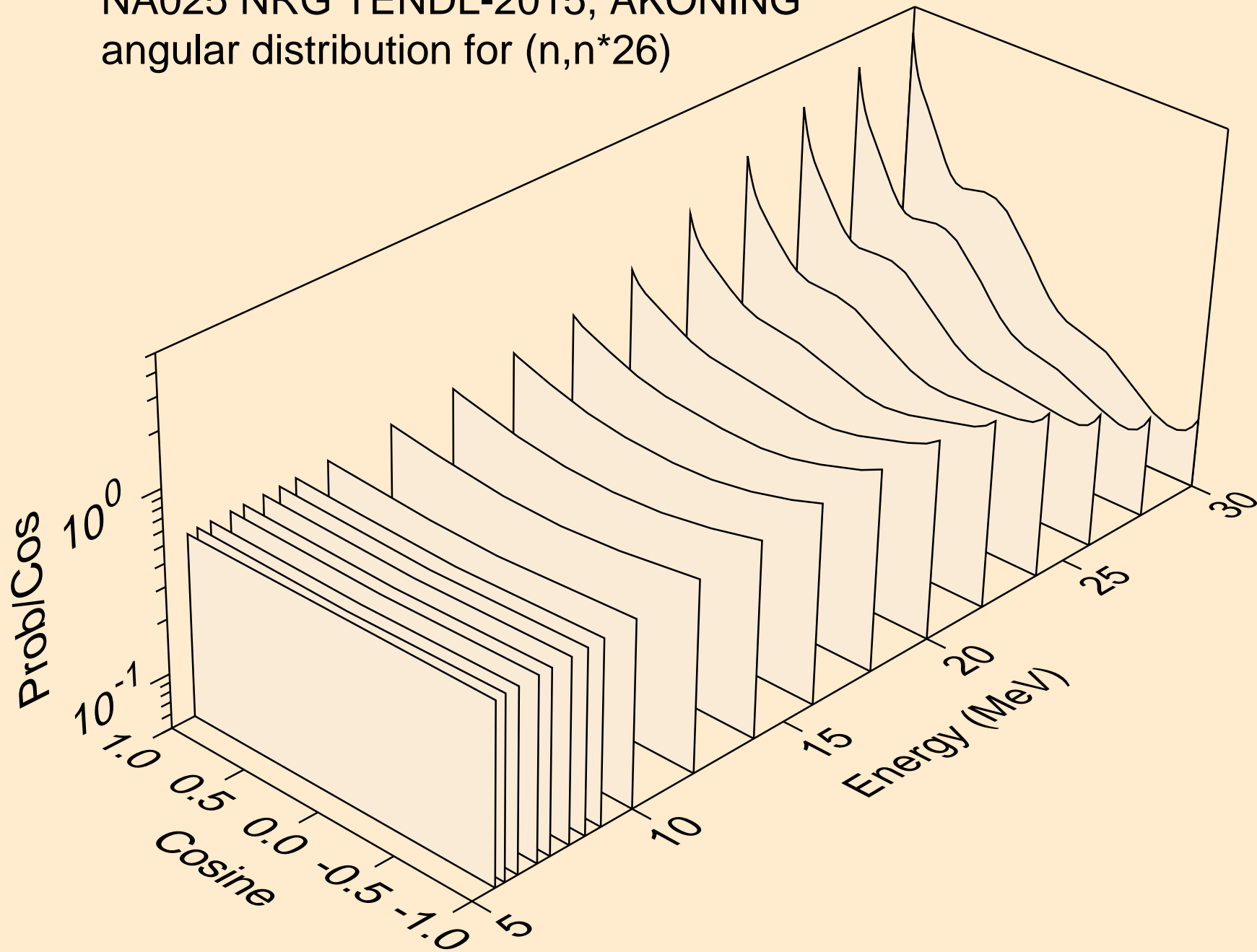
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angular distribution for (n,n\*24)



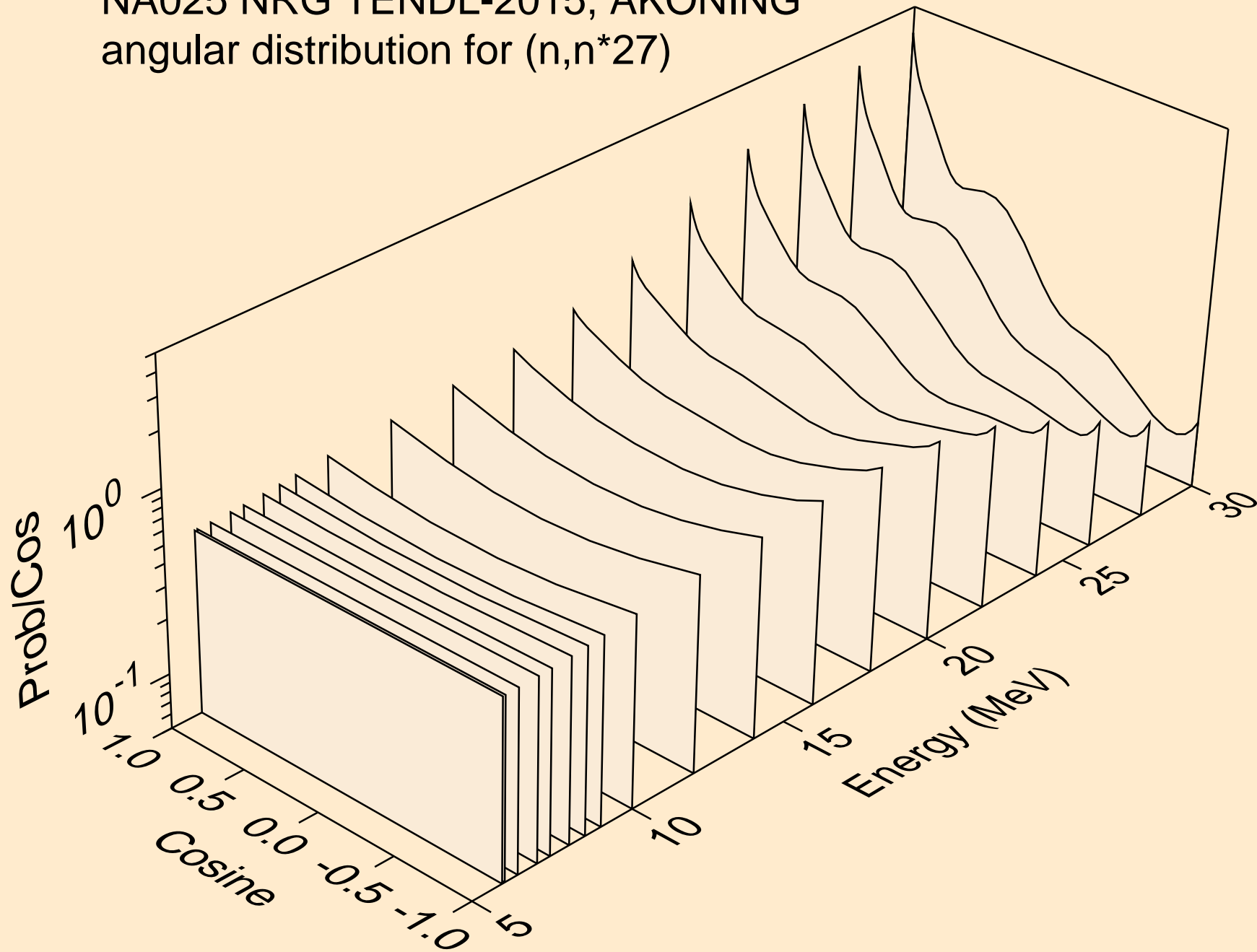
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angular distribution for (n,n\*25)



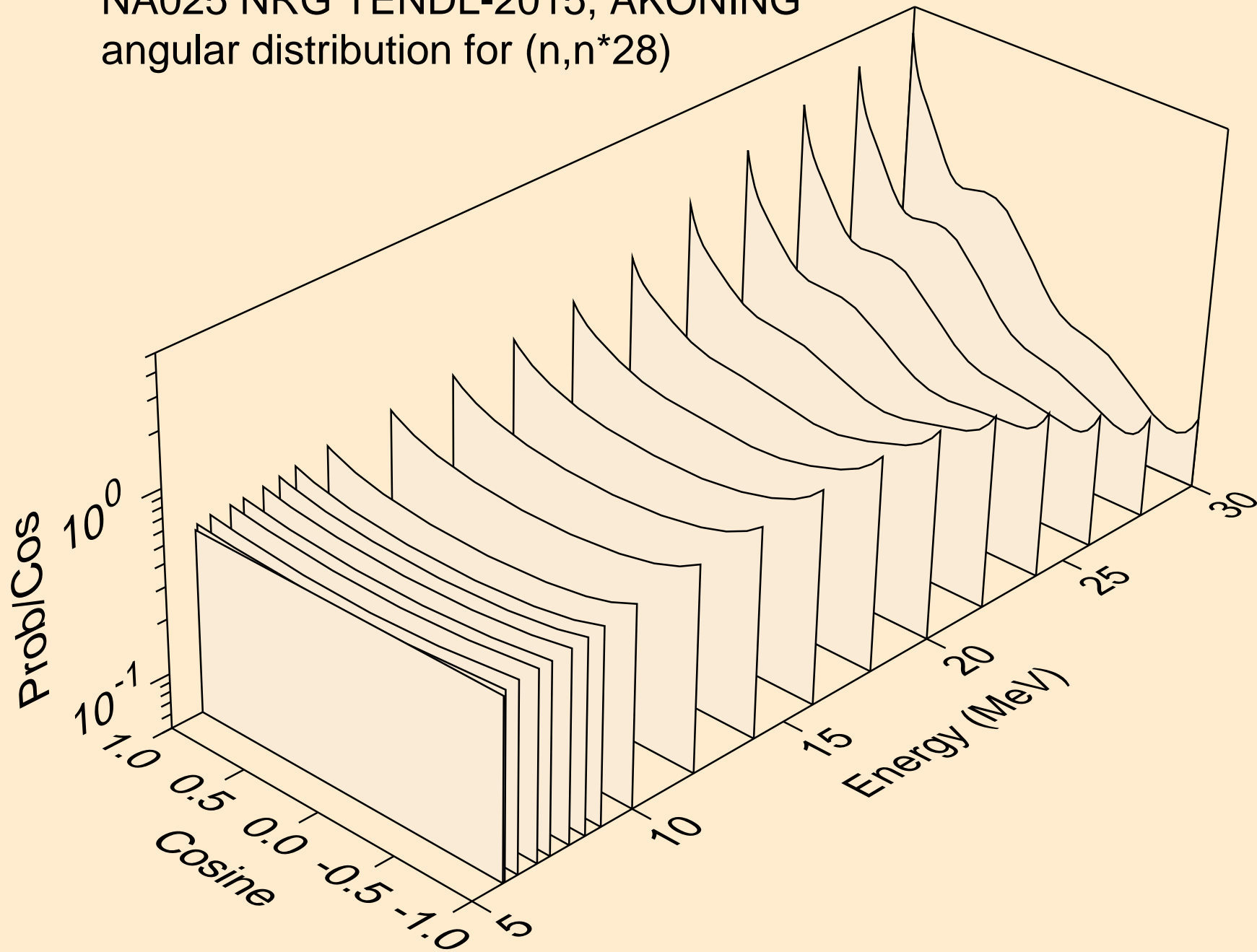
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angular distribution for (n,n\*26)



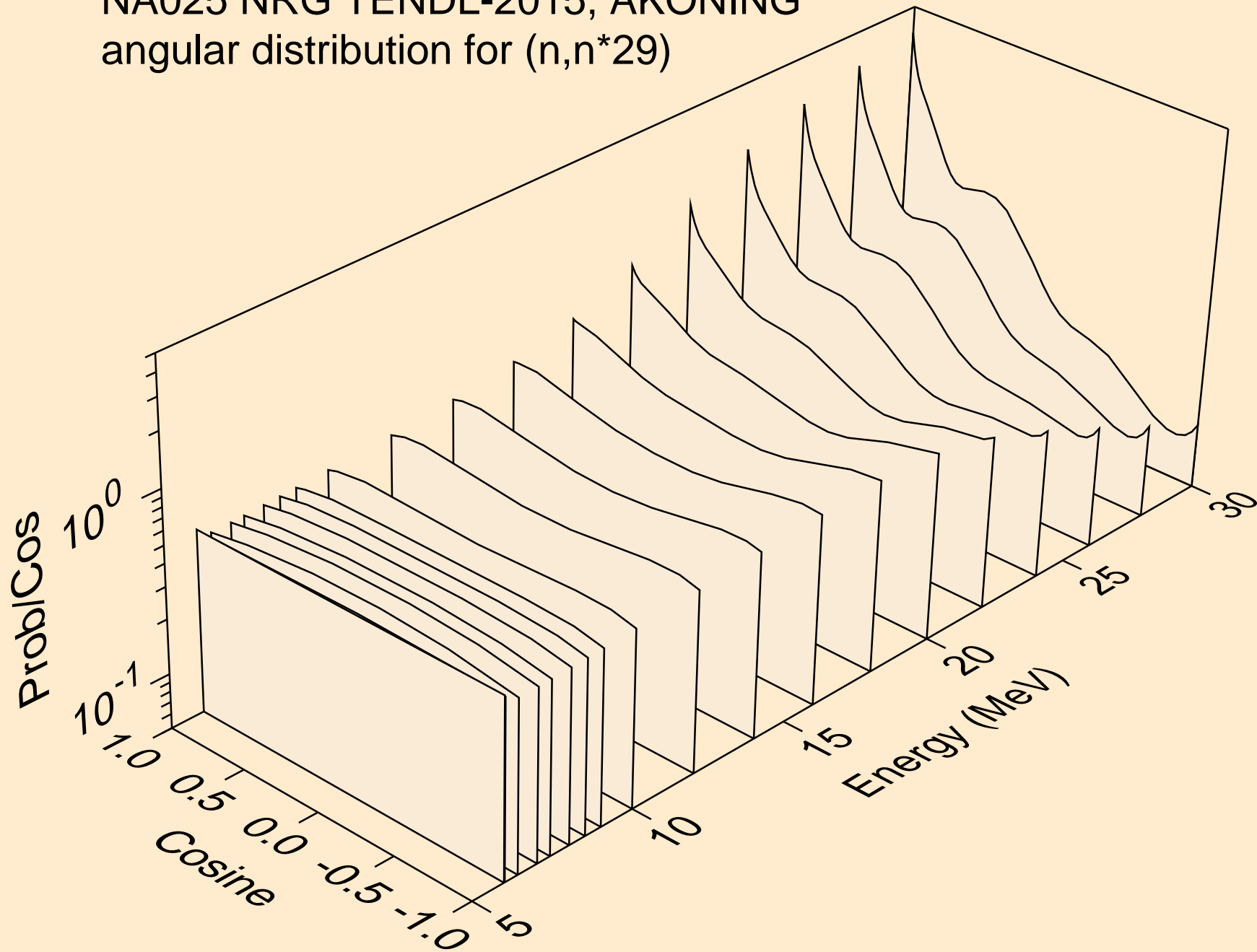
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angular distribution for (n,n\*27)



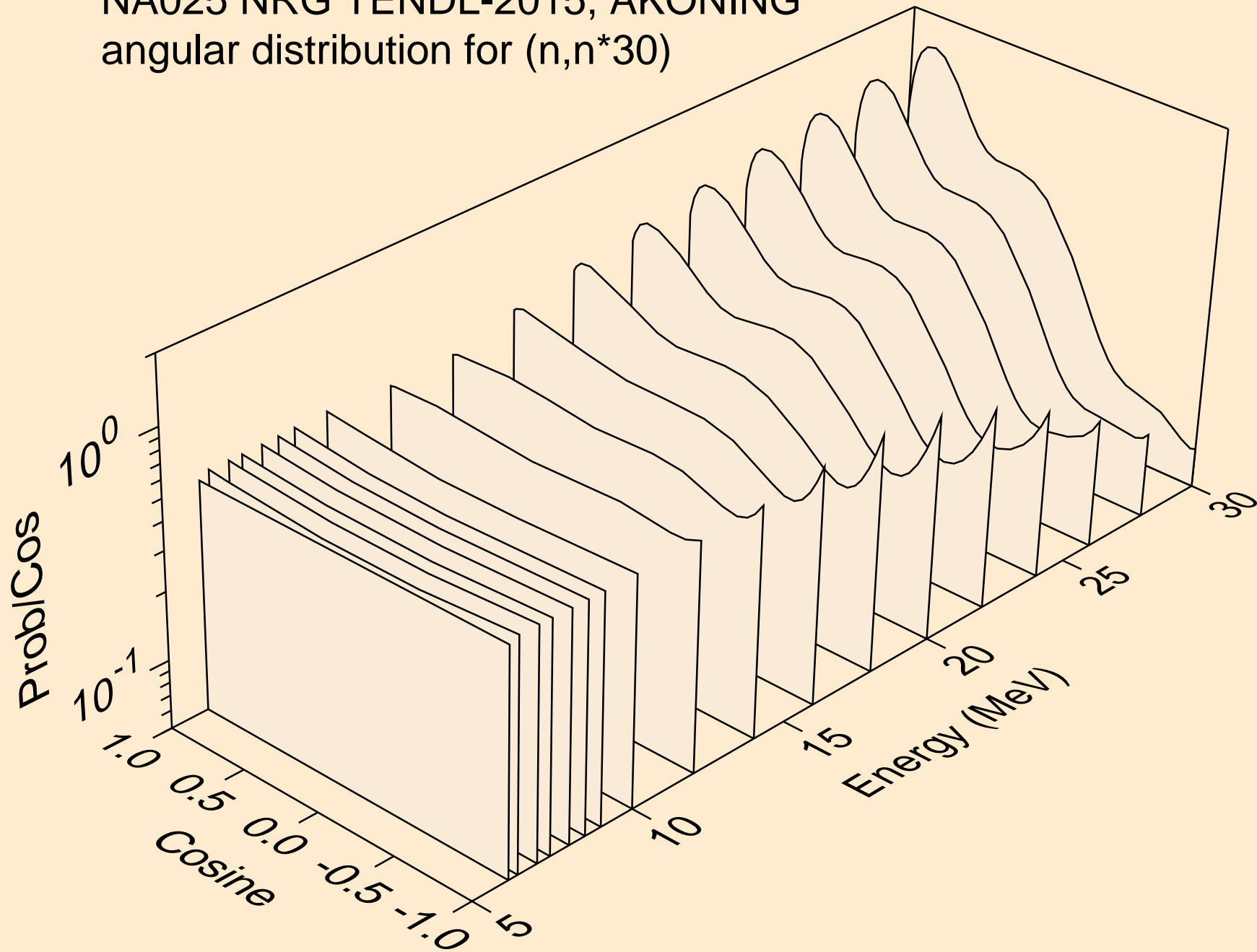
NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

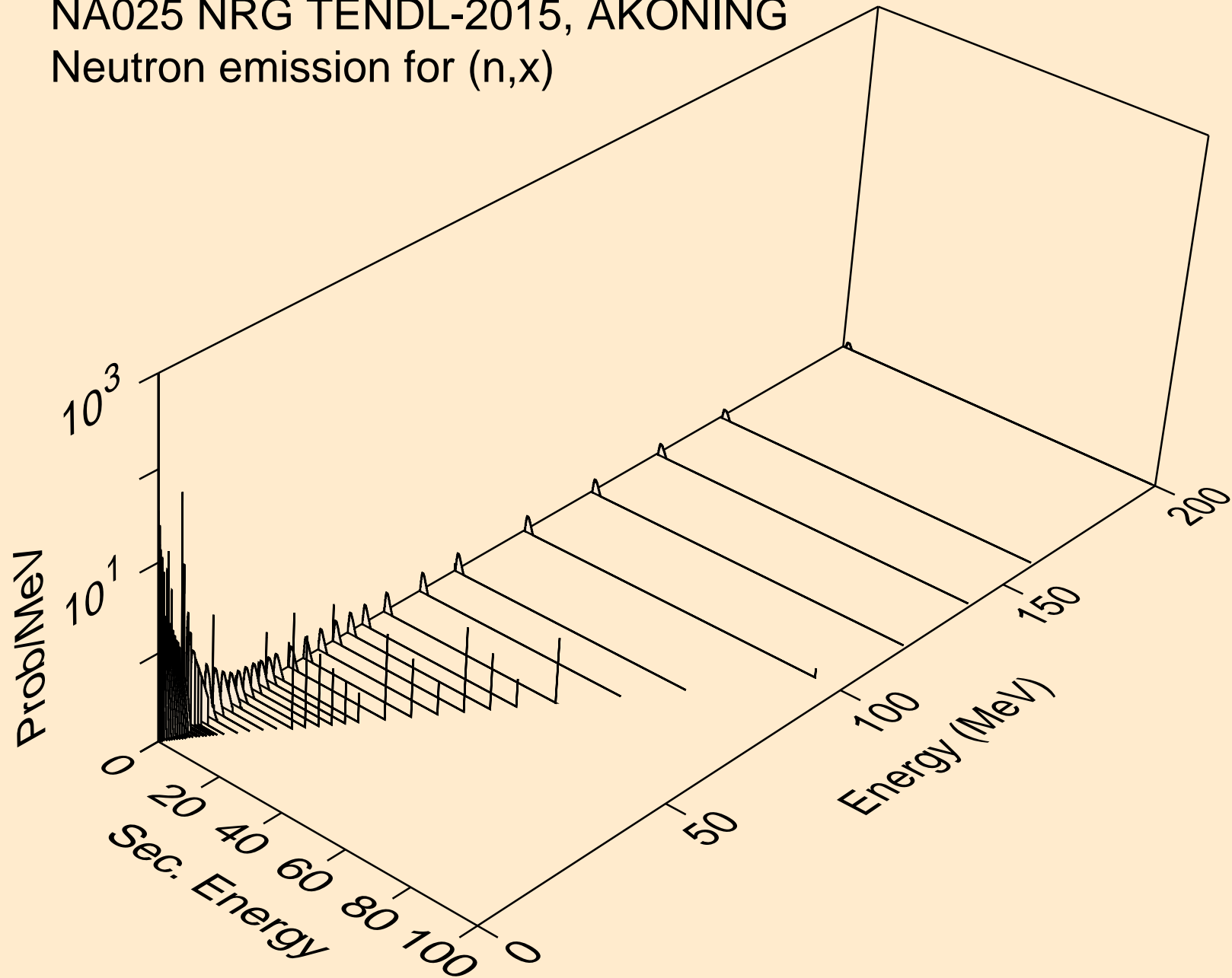


NA025 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

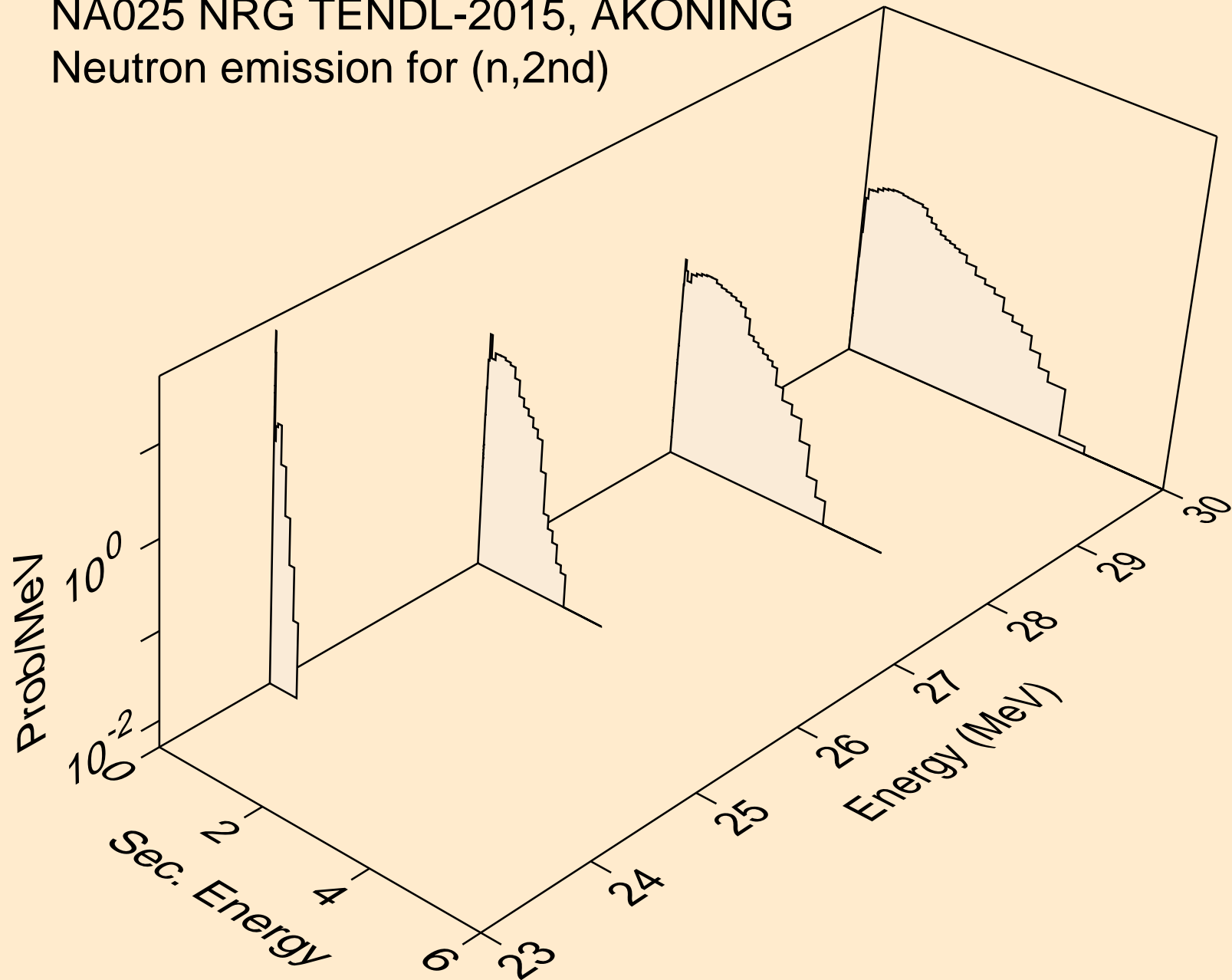




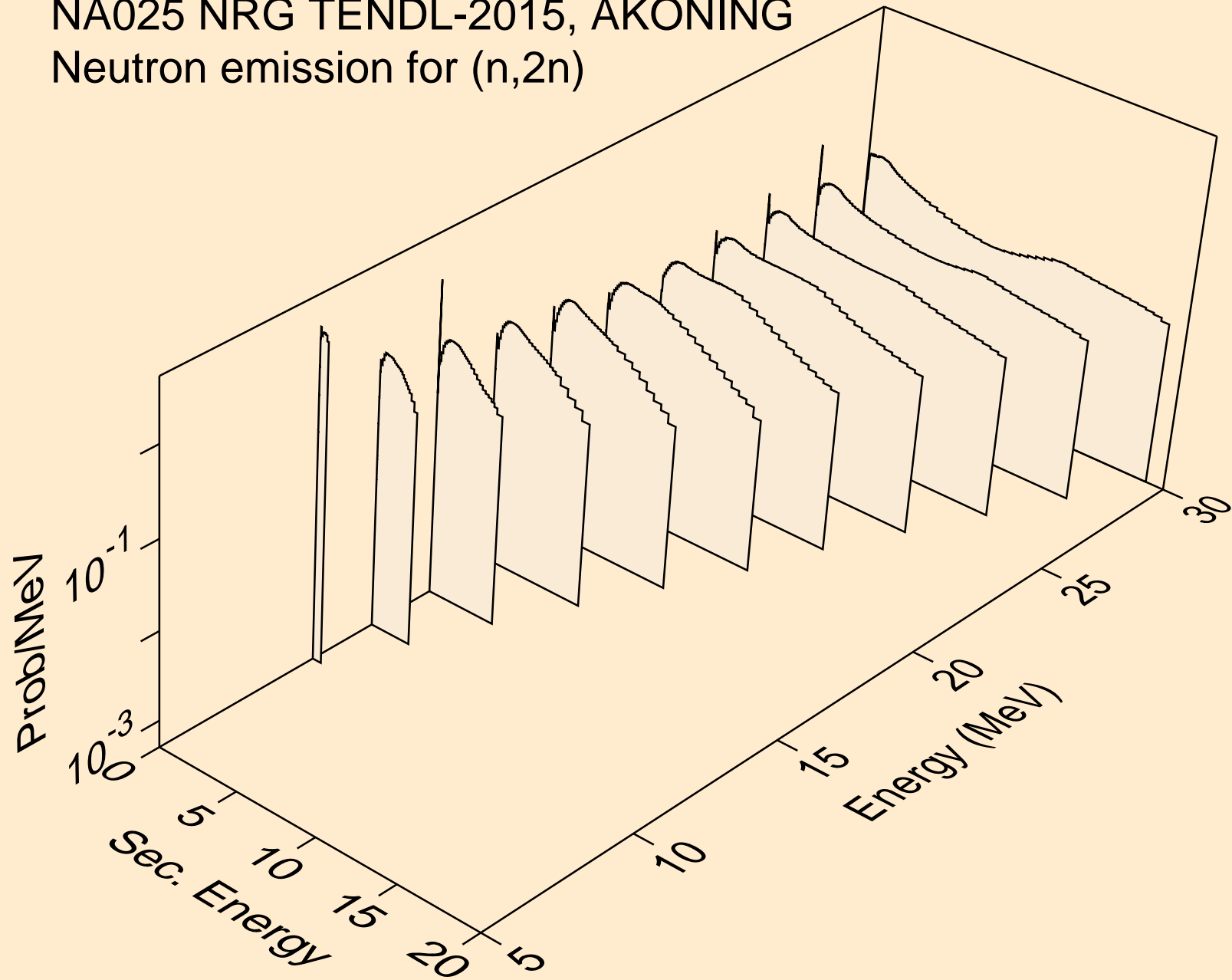
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



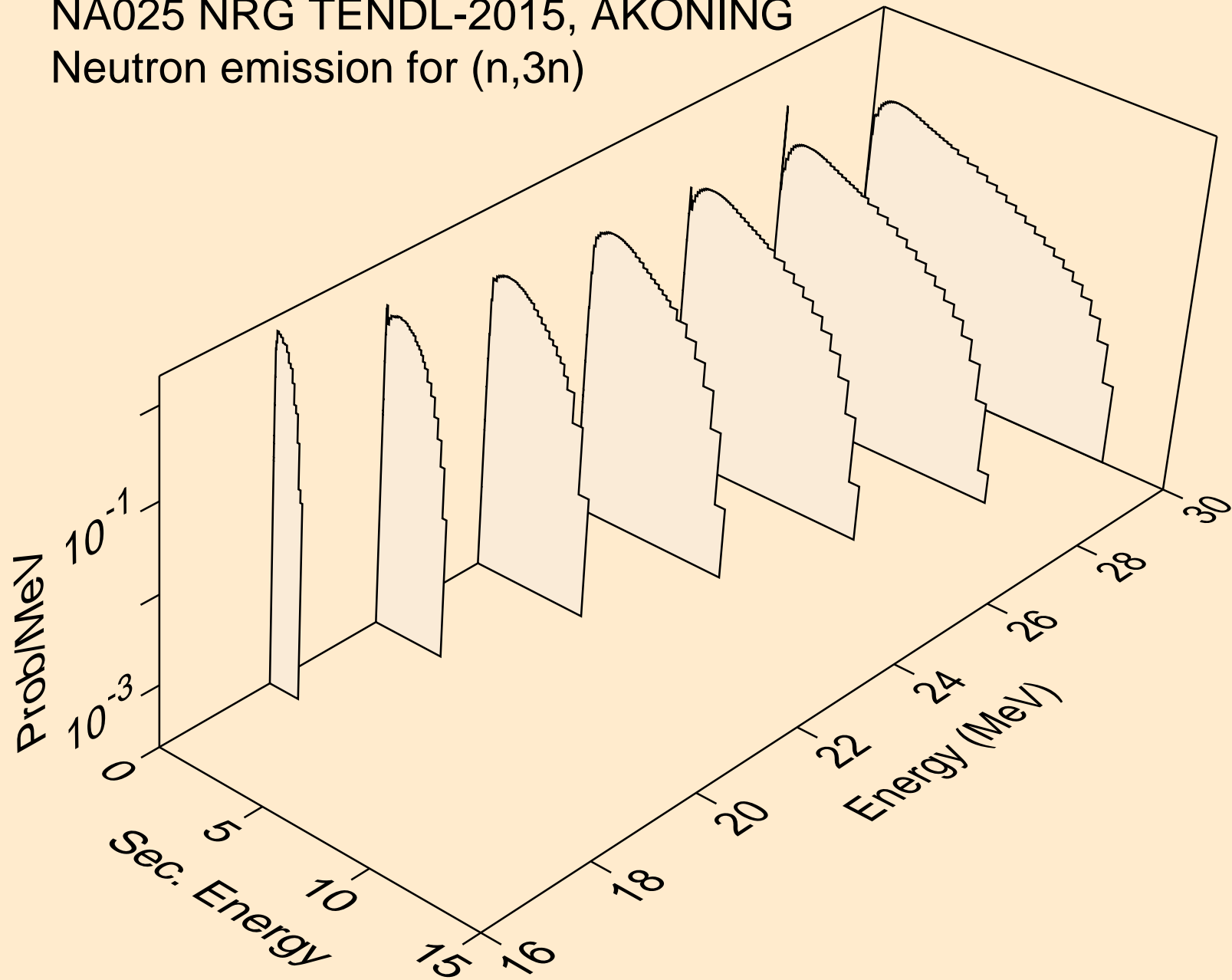
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Neutron emission for (n,2nd)



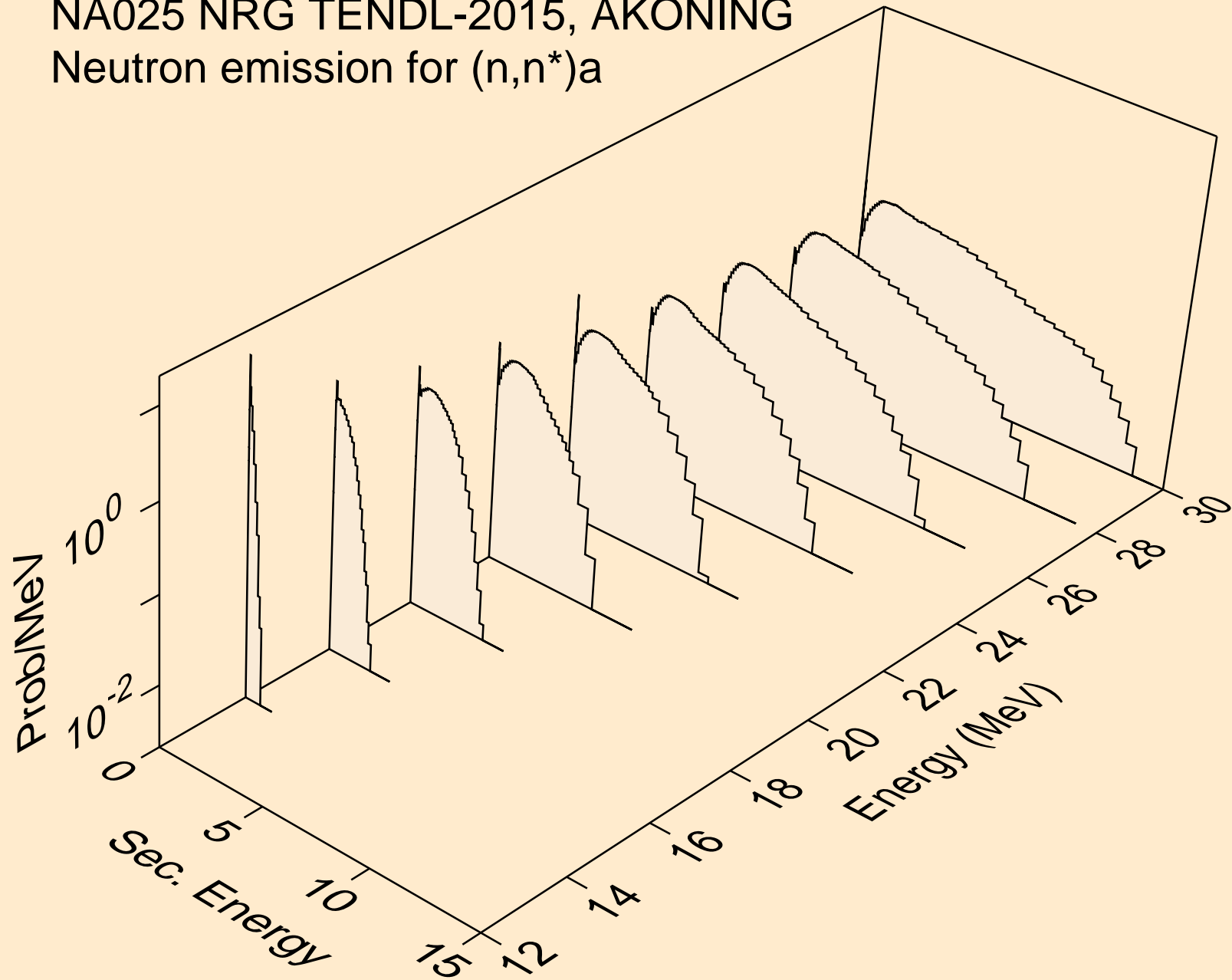
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



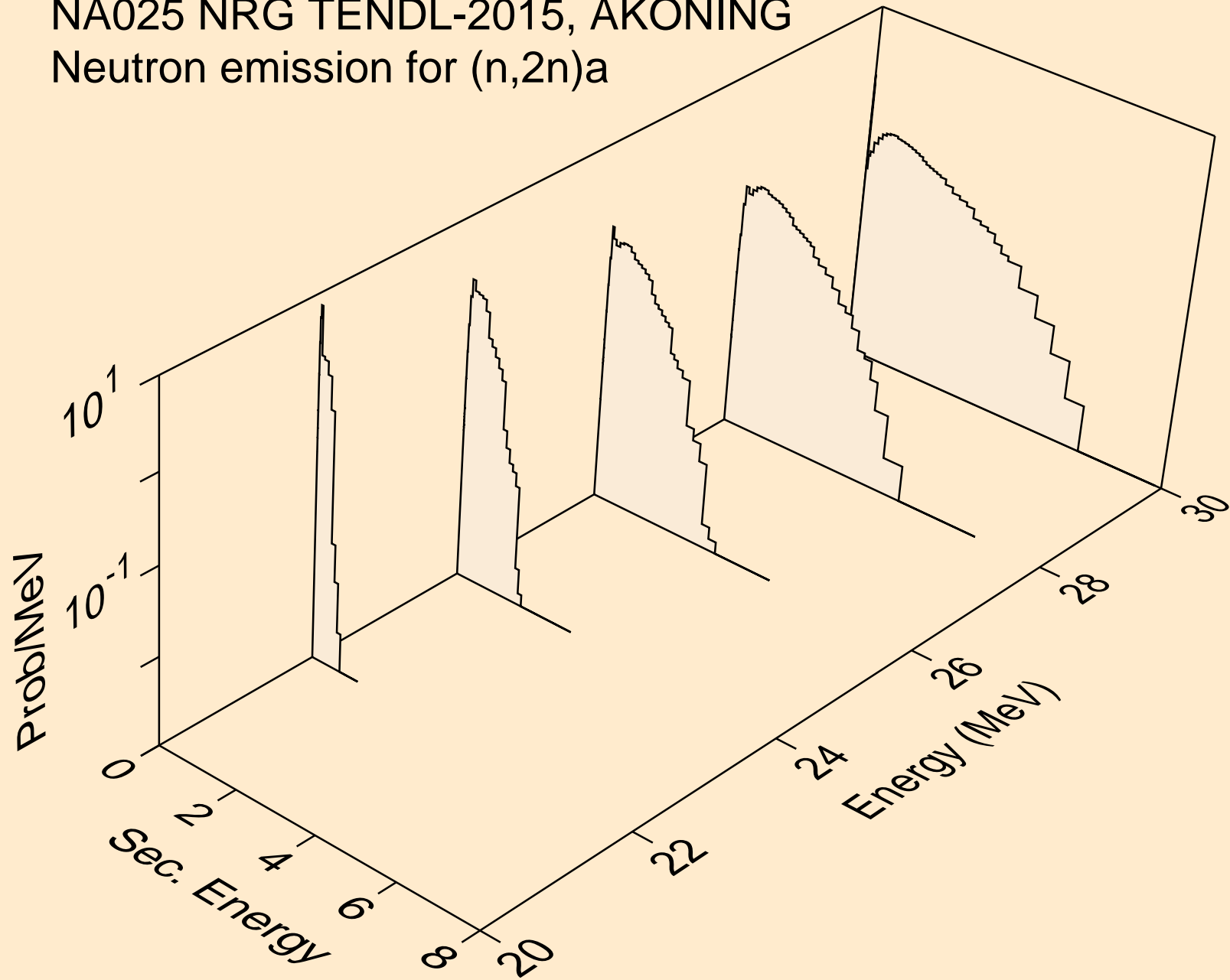
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



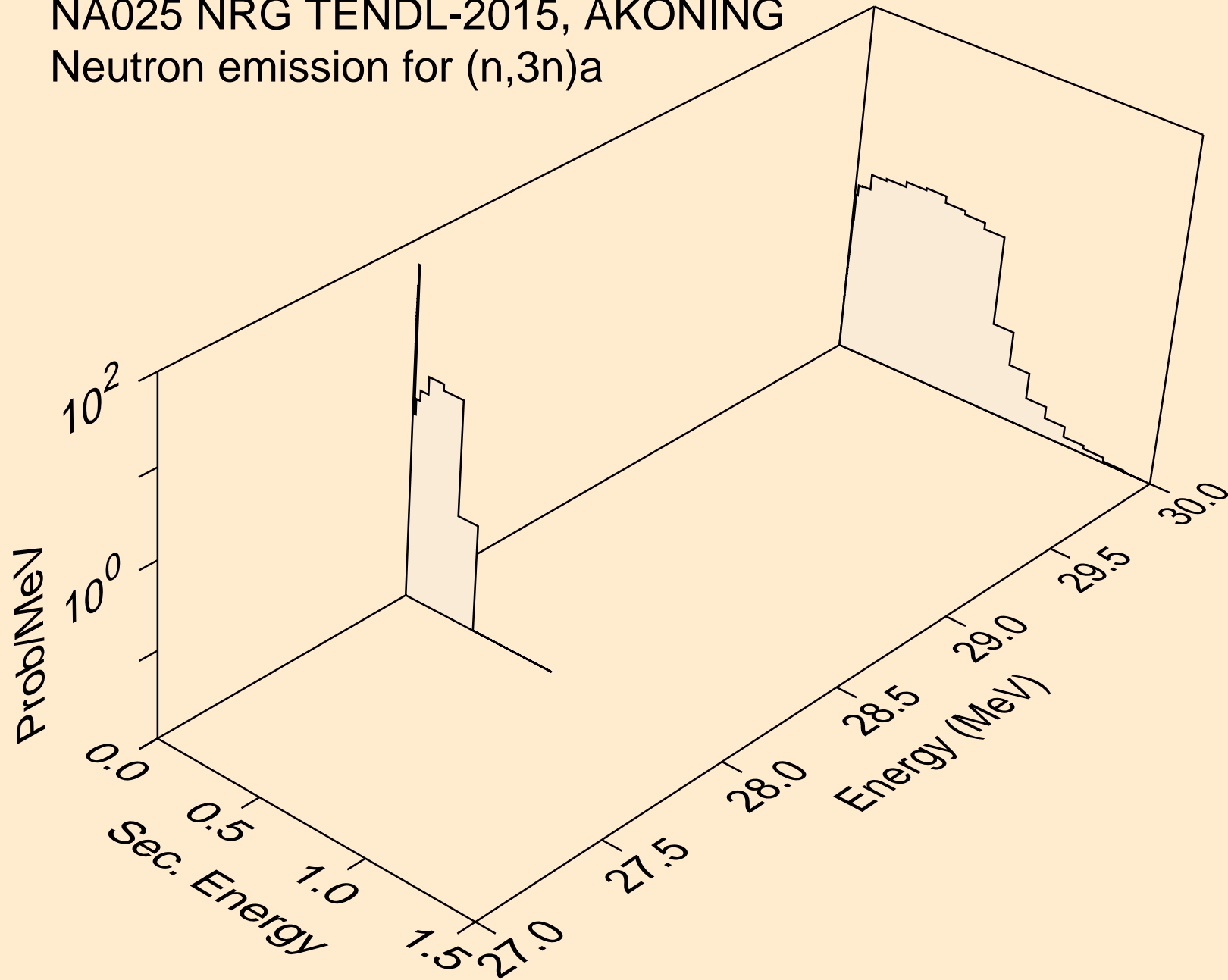
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



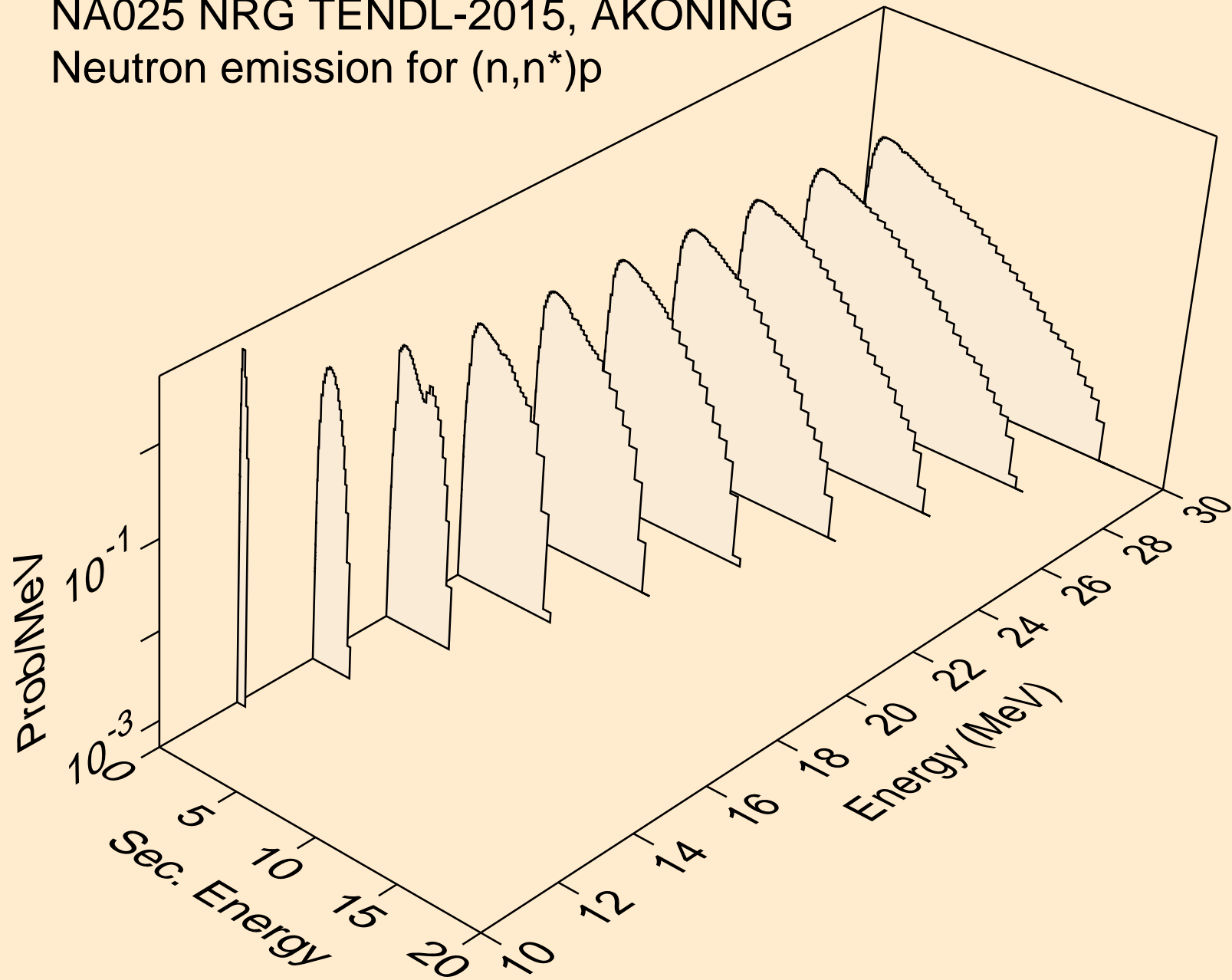
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

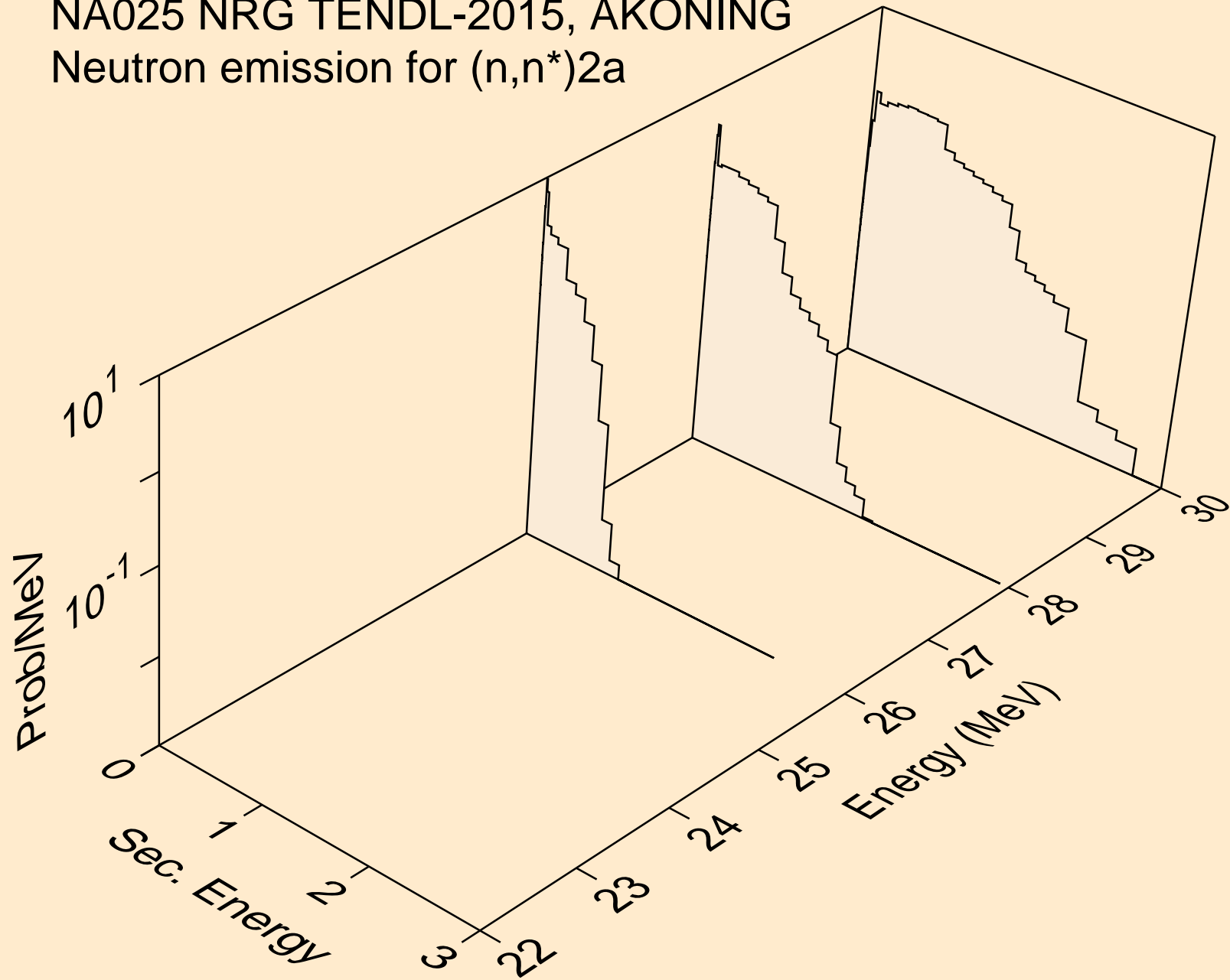


NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

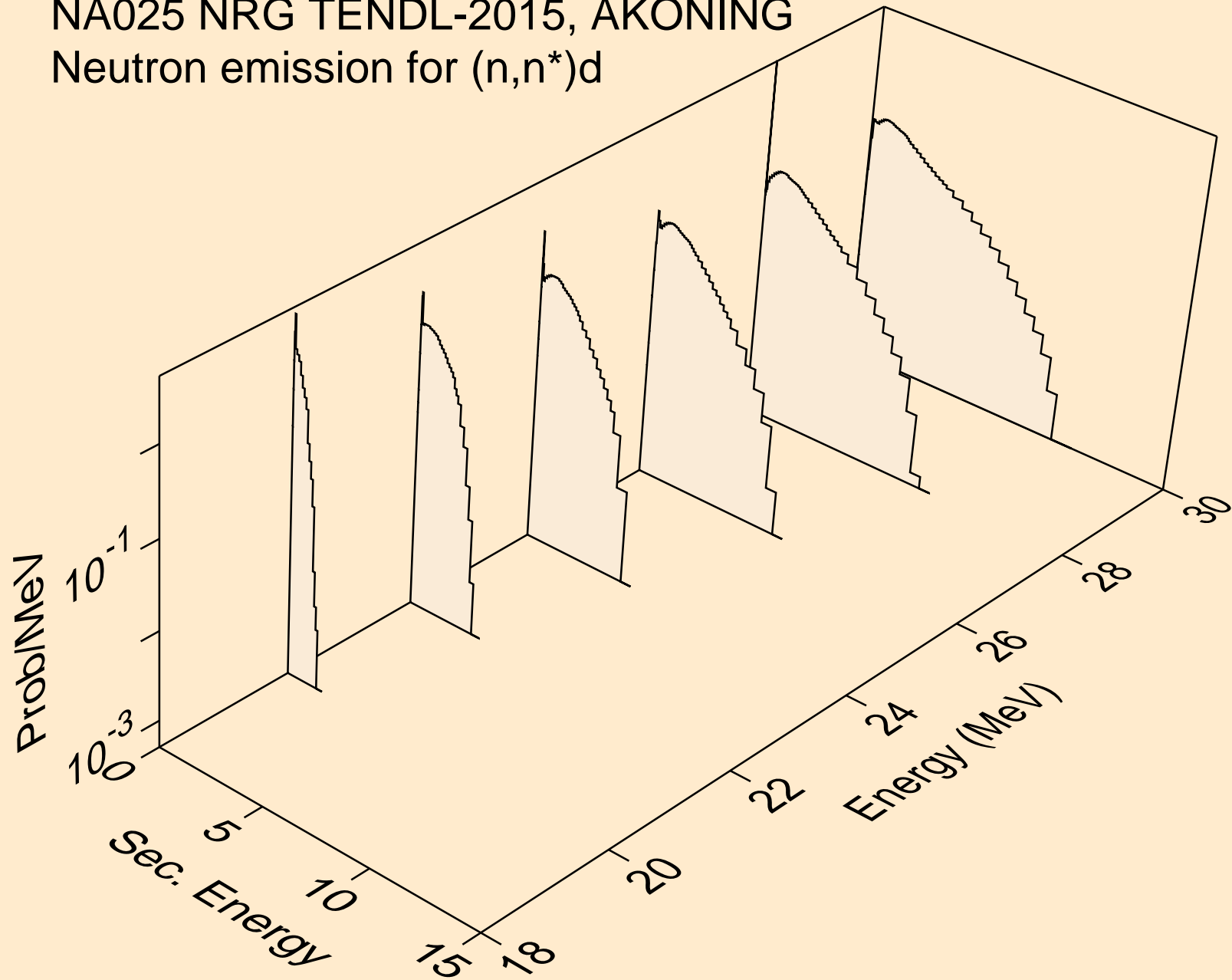




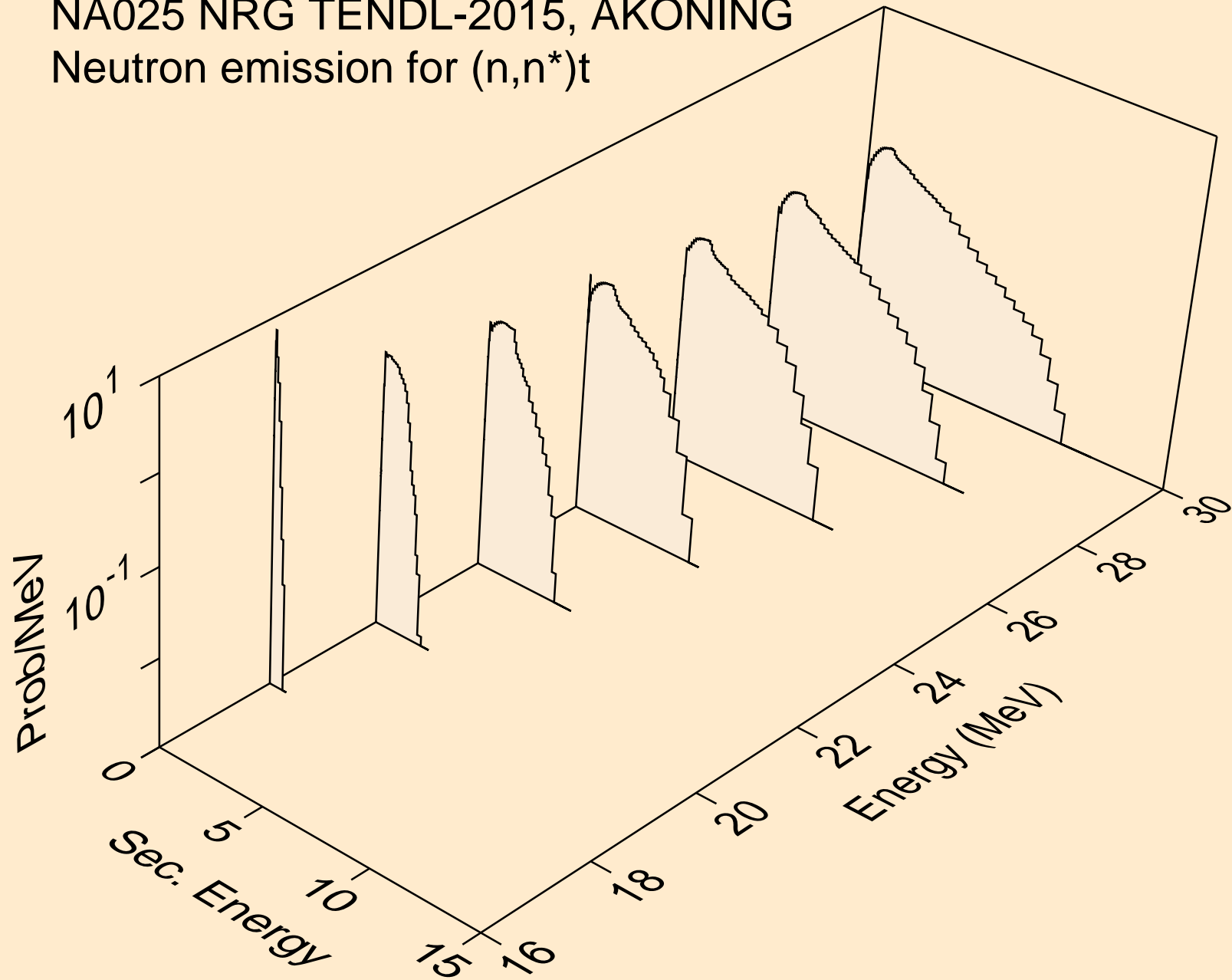
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



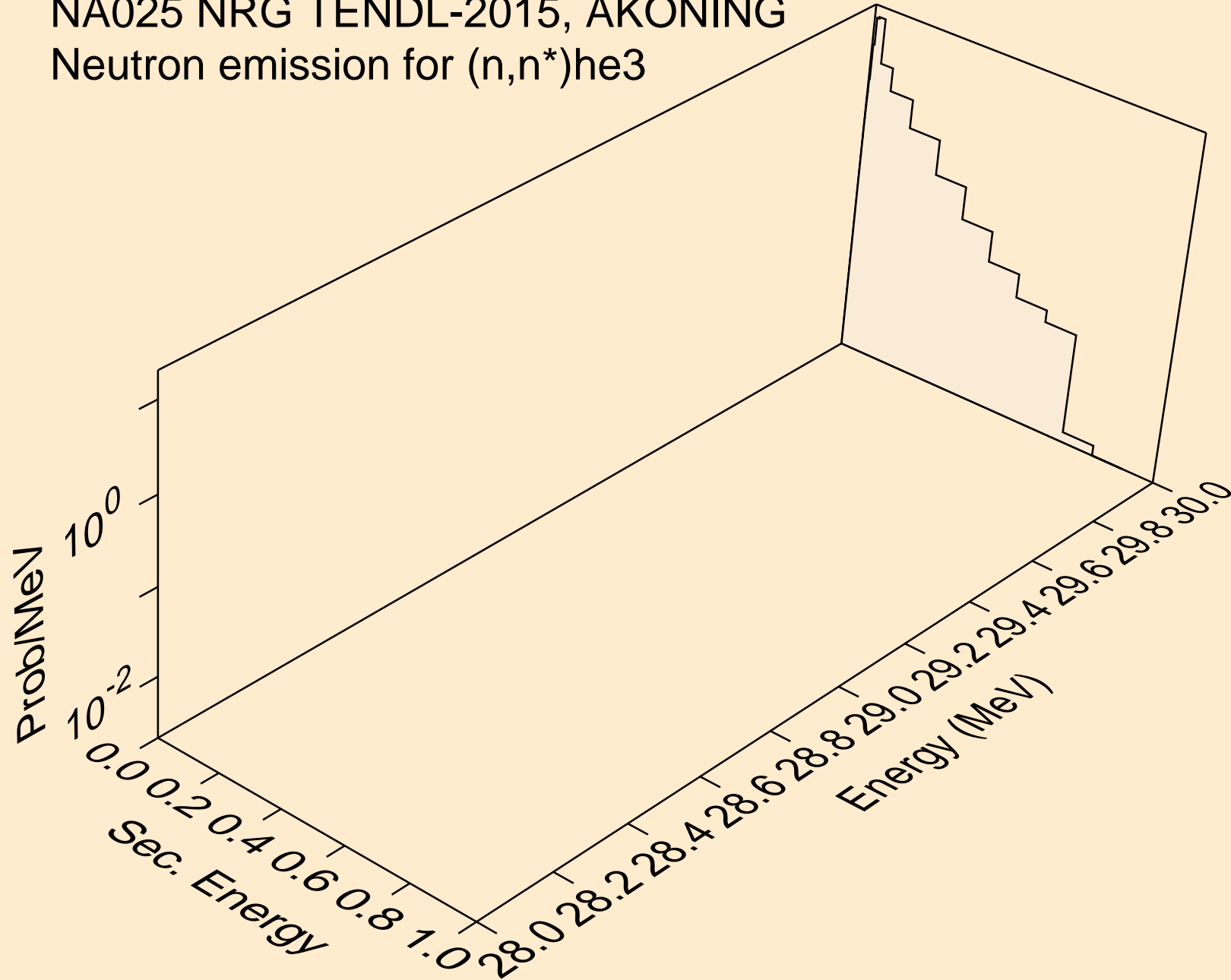
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Neutron emission for (n,n\*)d



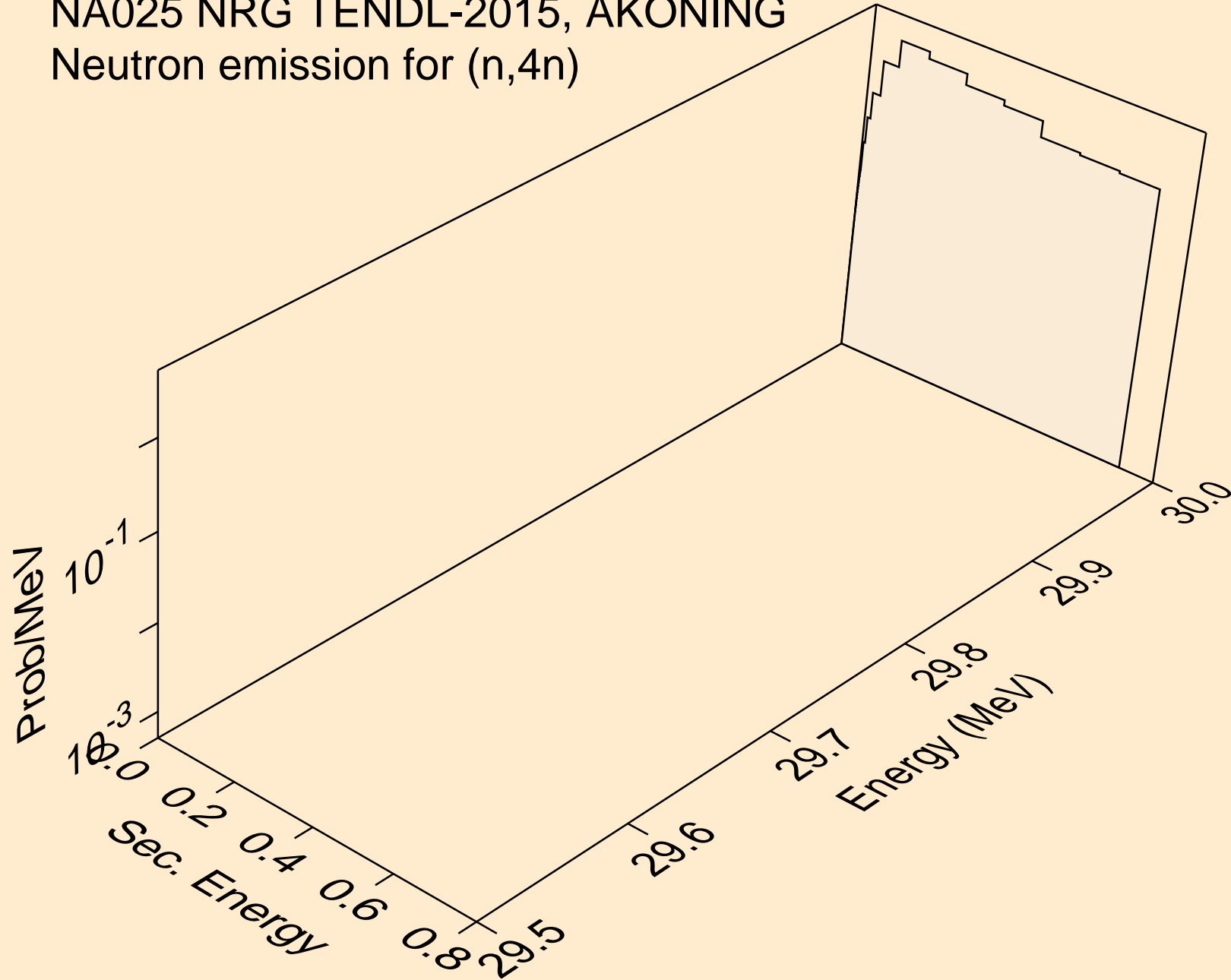
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Neutron emission for (n,n\*)t



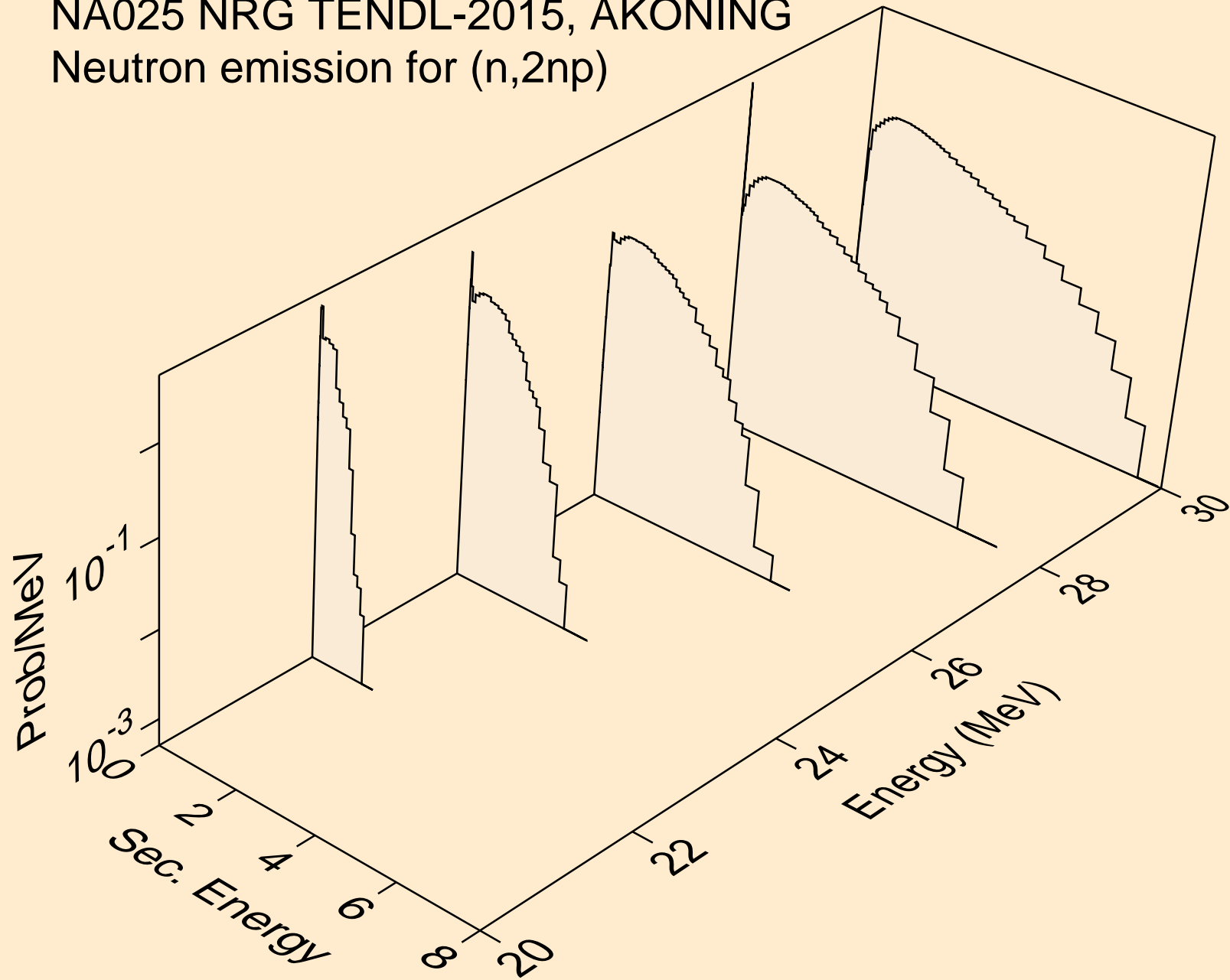
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



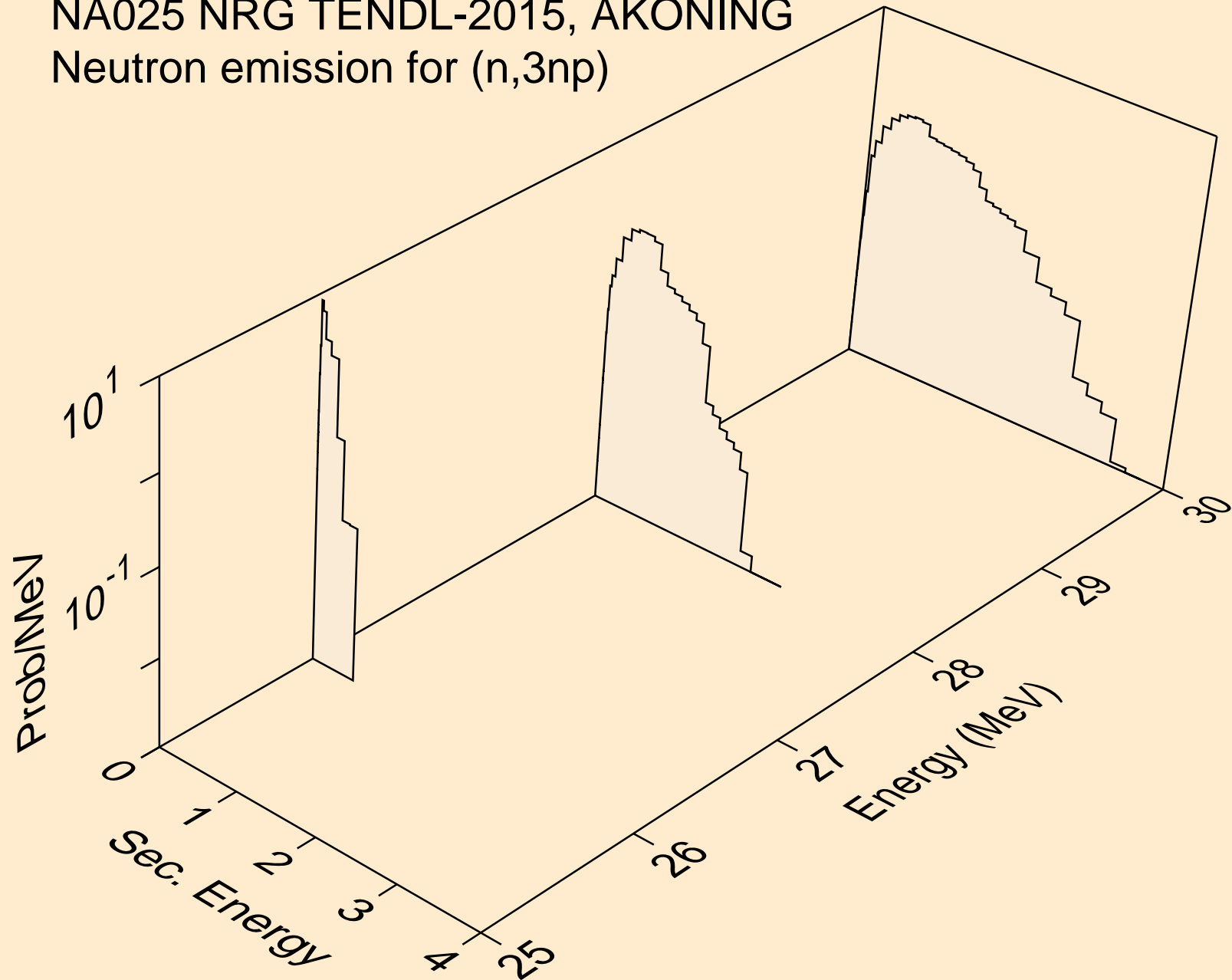
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



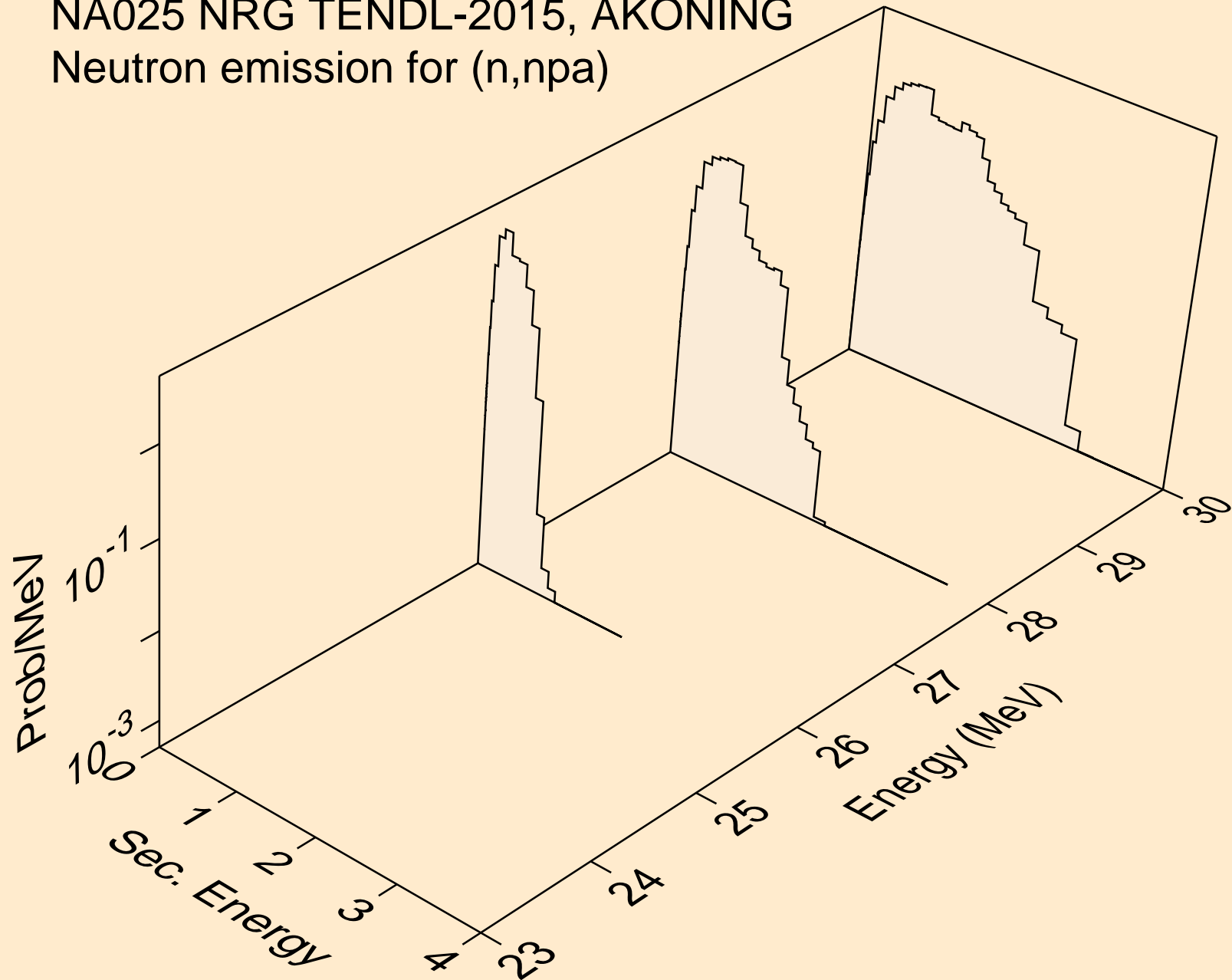
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

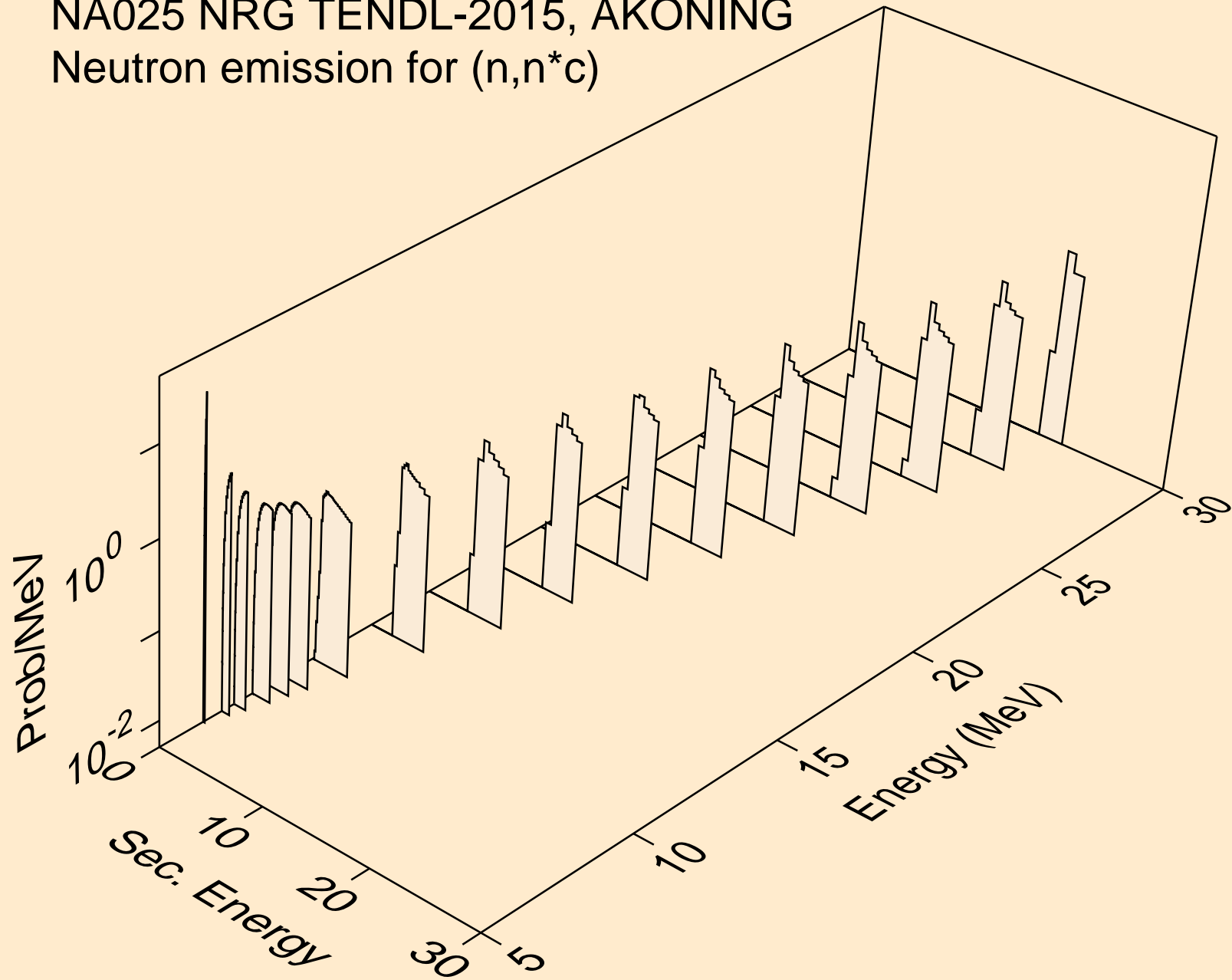


NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

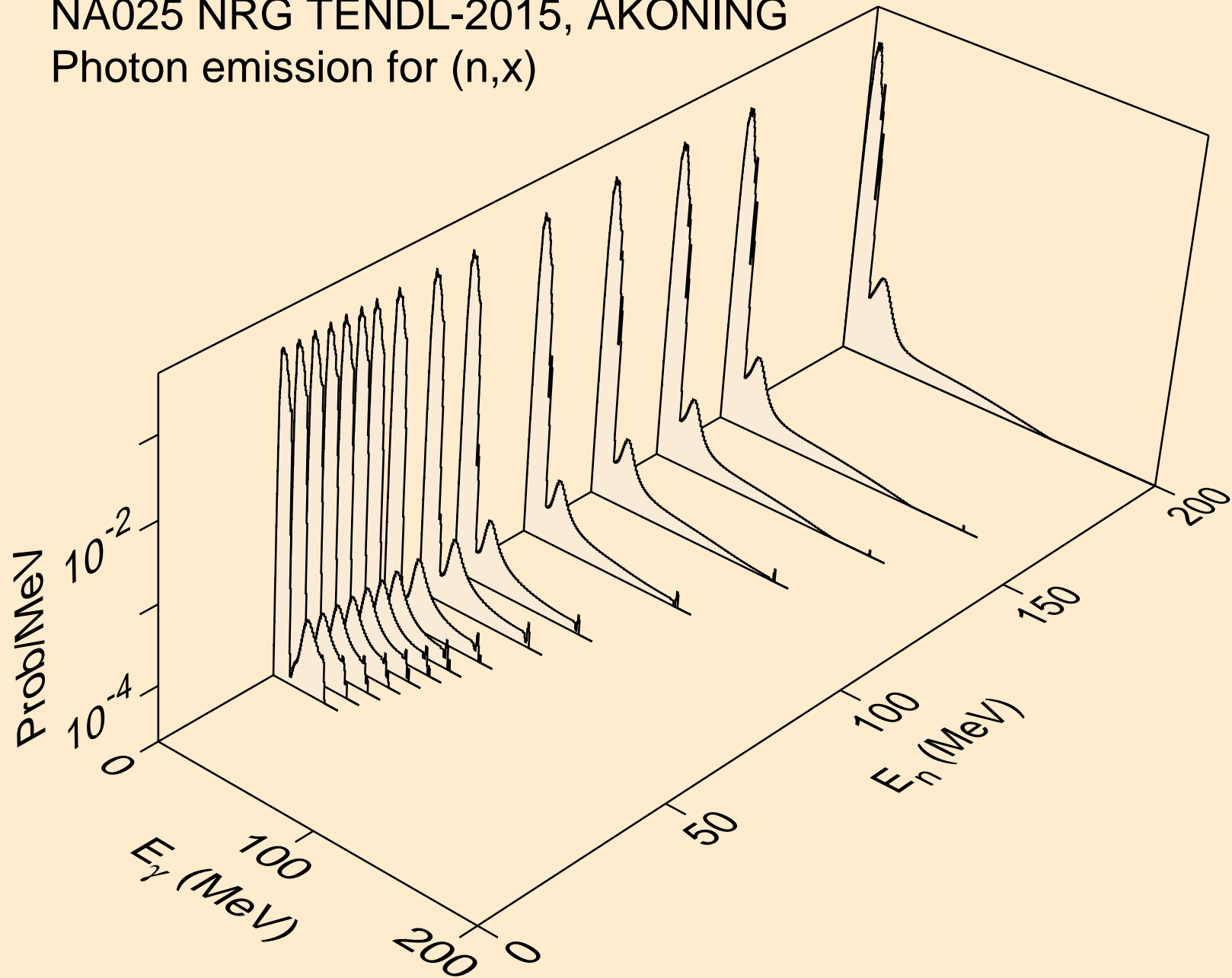




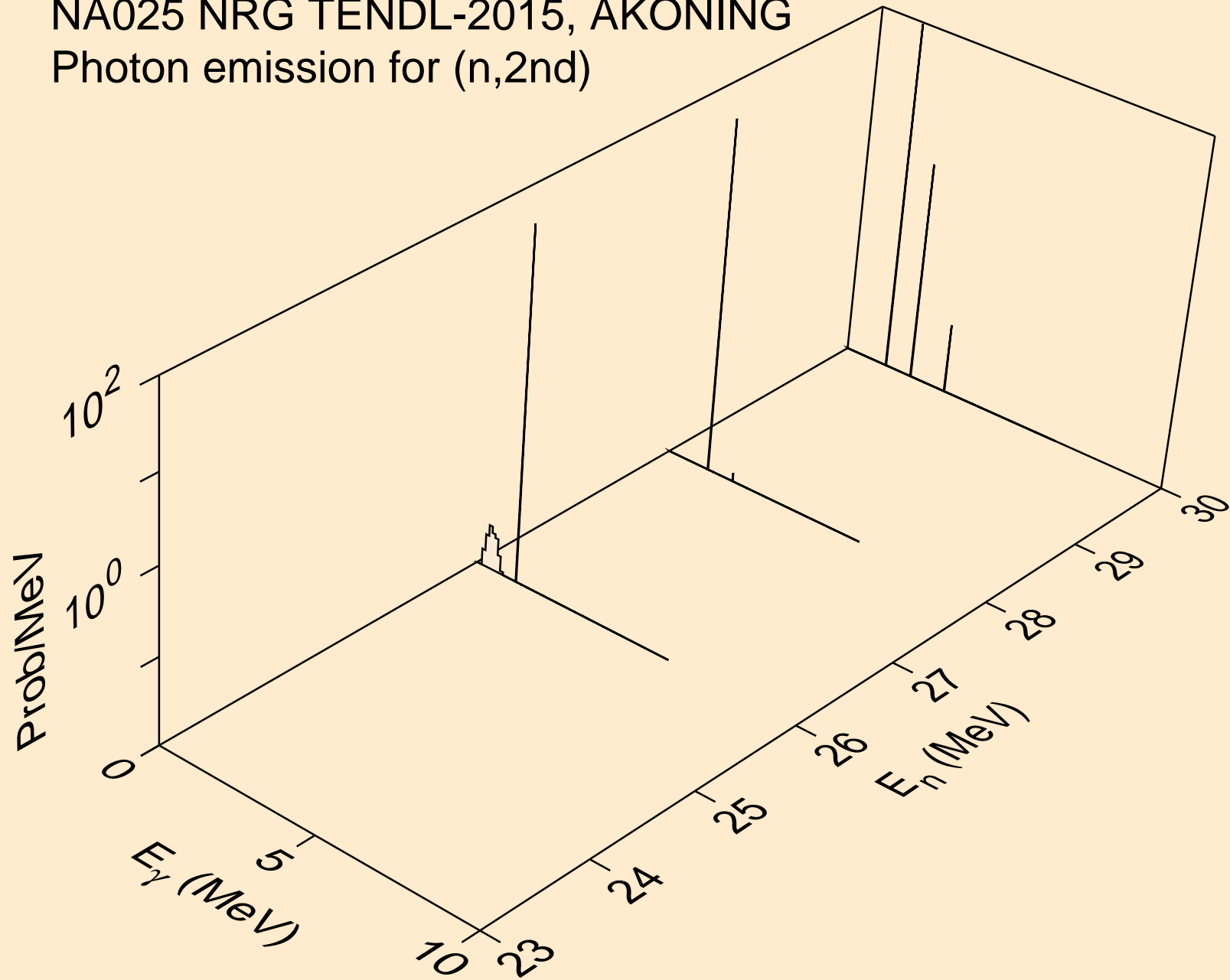
NA025 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



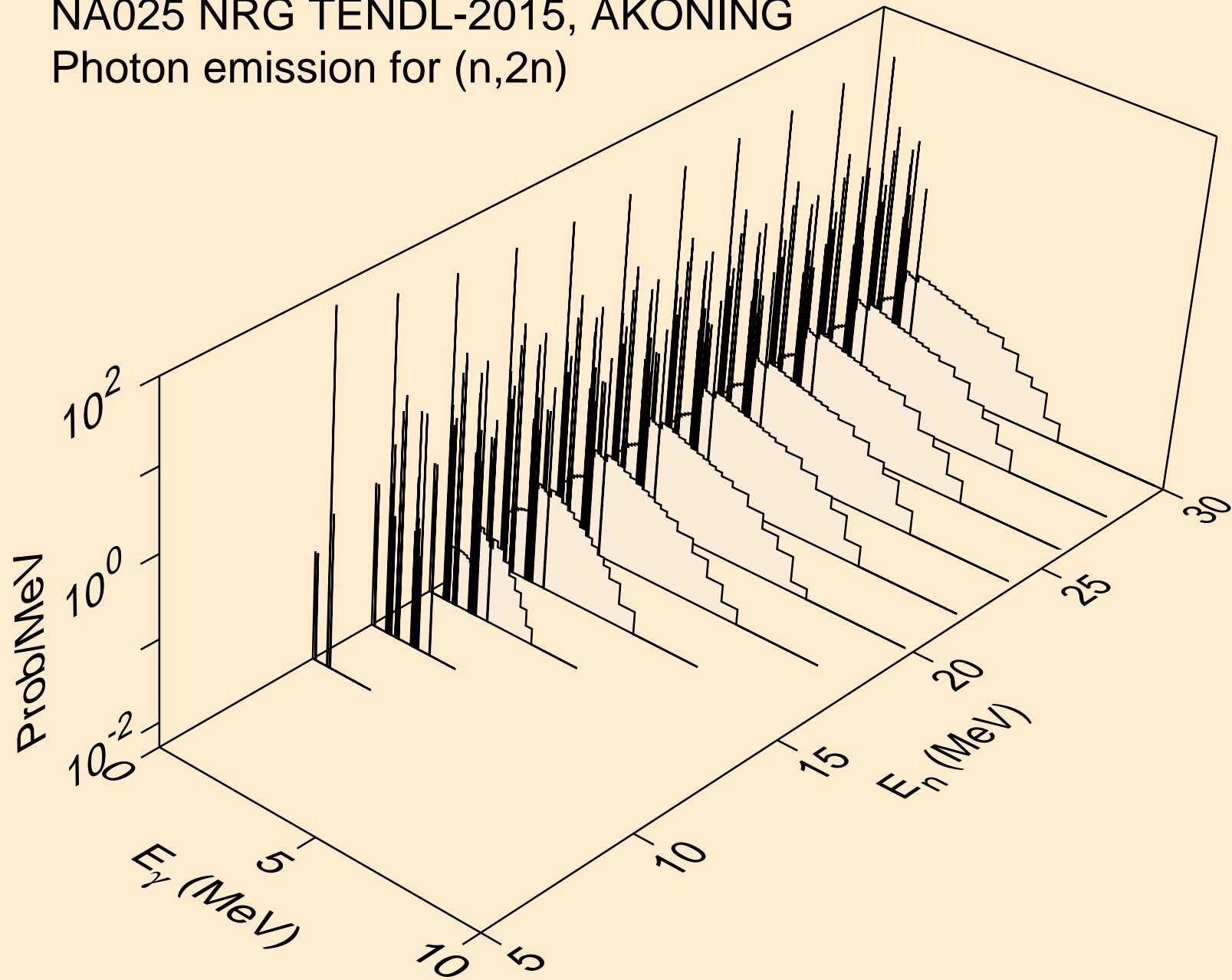
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



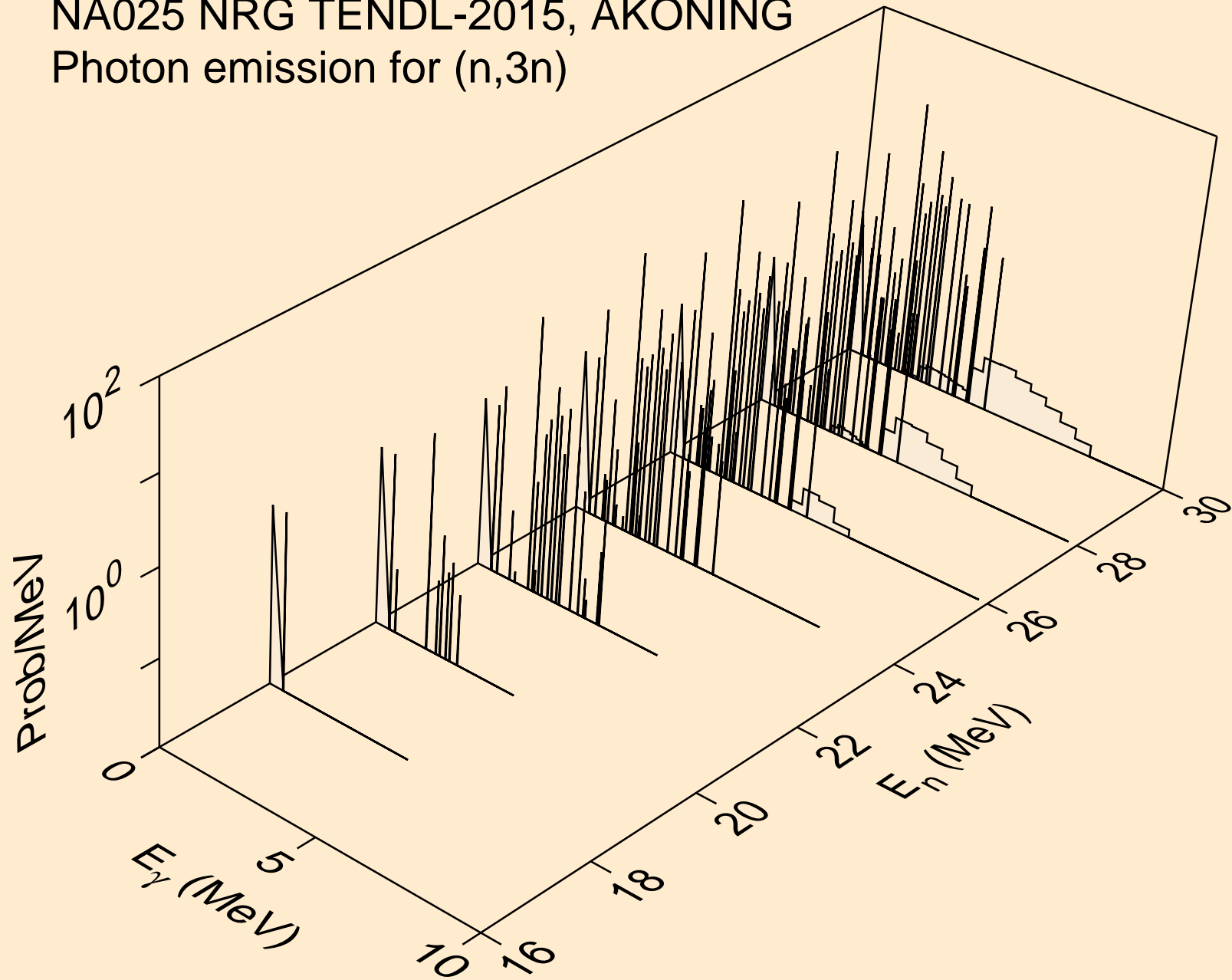
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



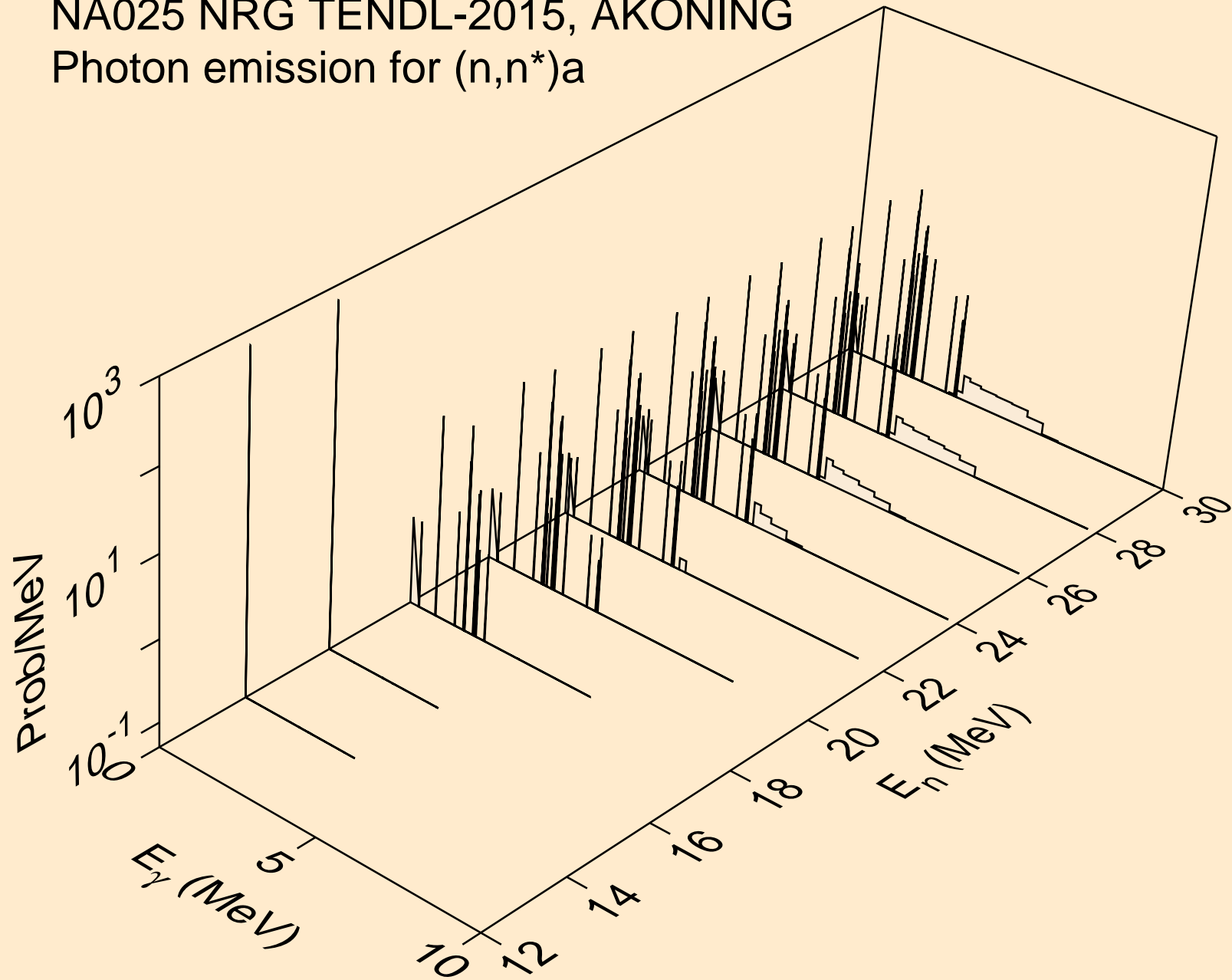
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Photon emission for (n,2n)



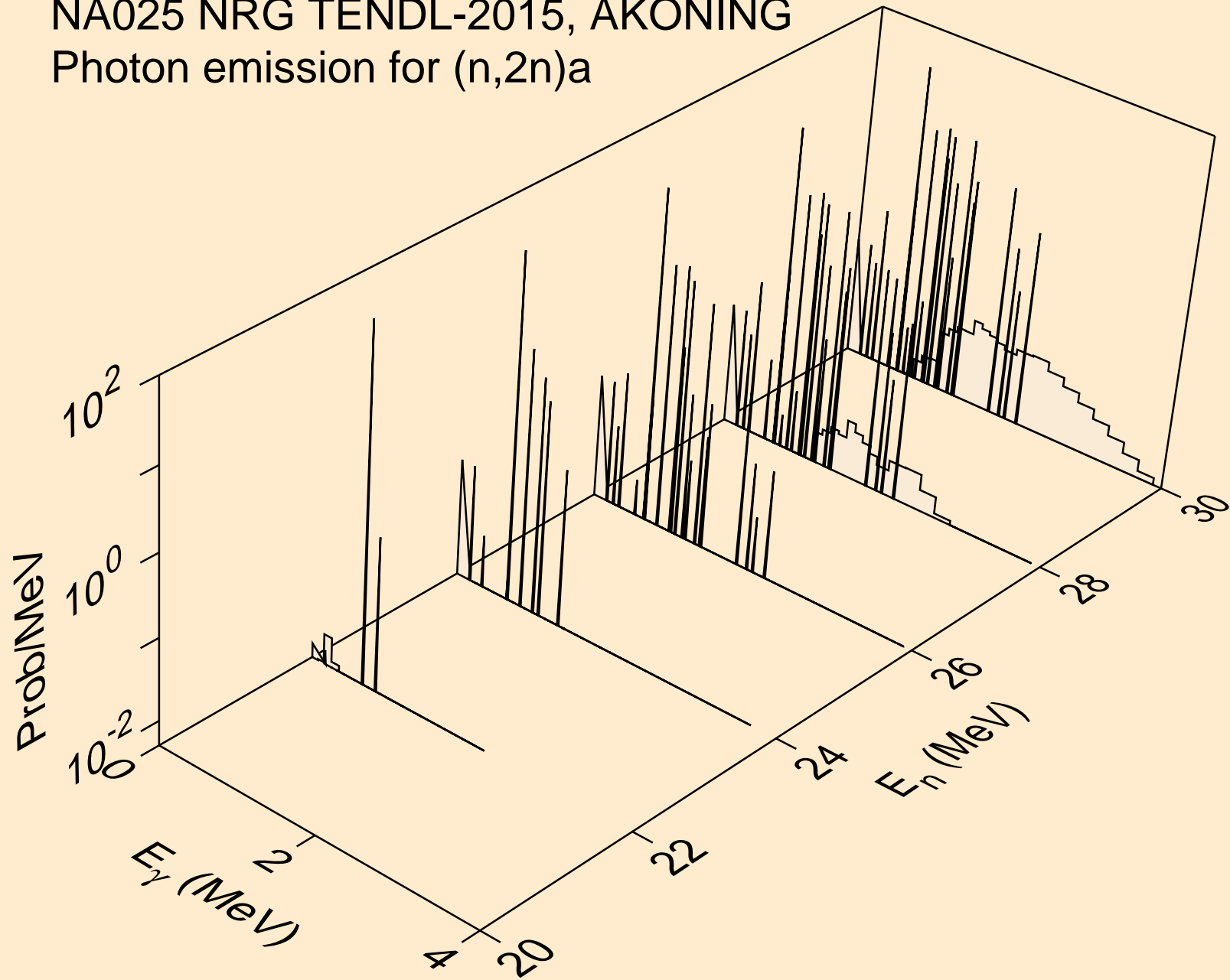
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



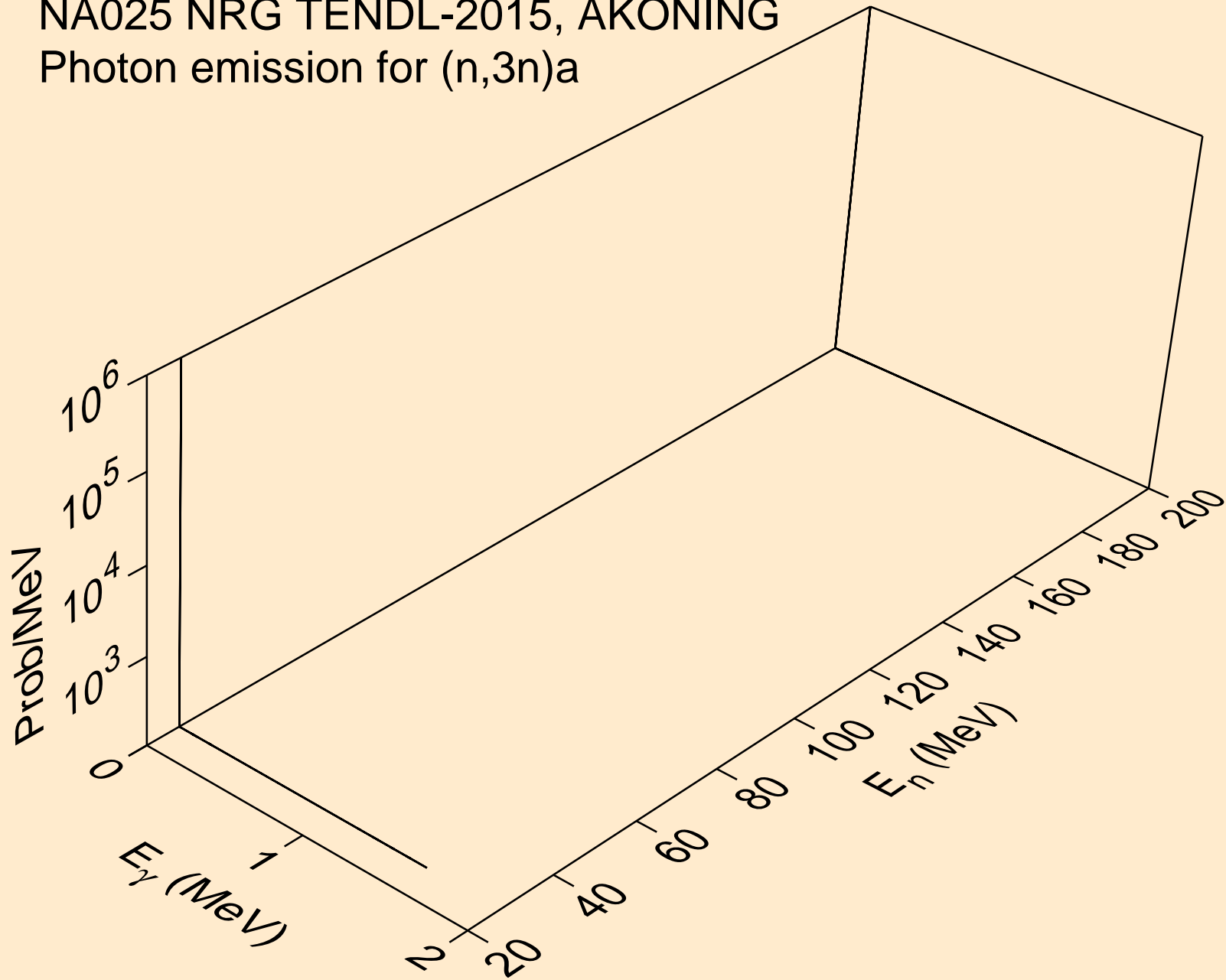
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

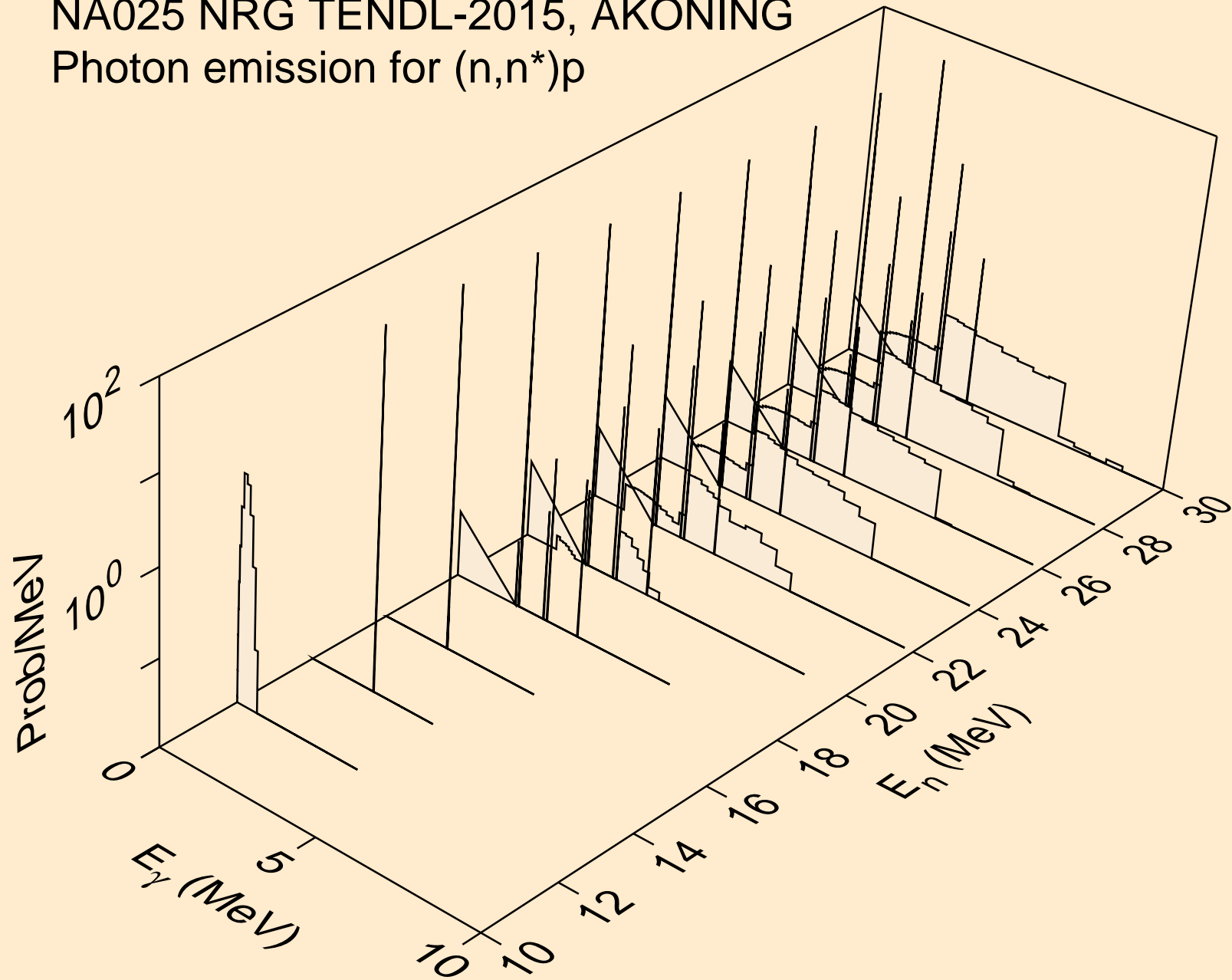


NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

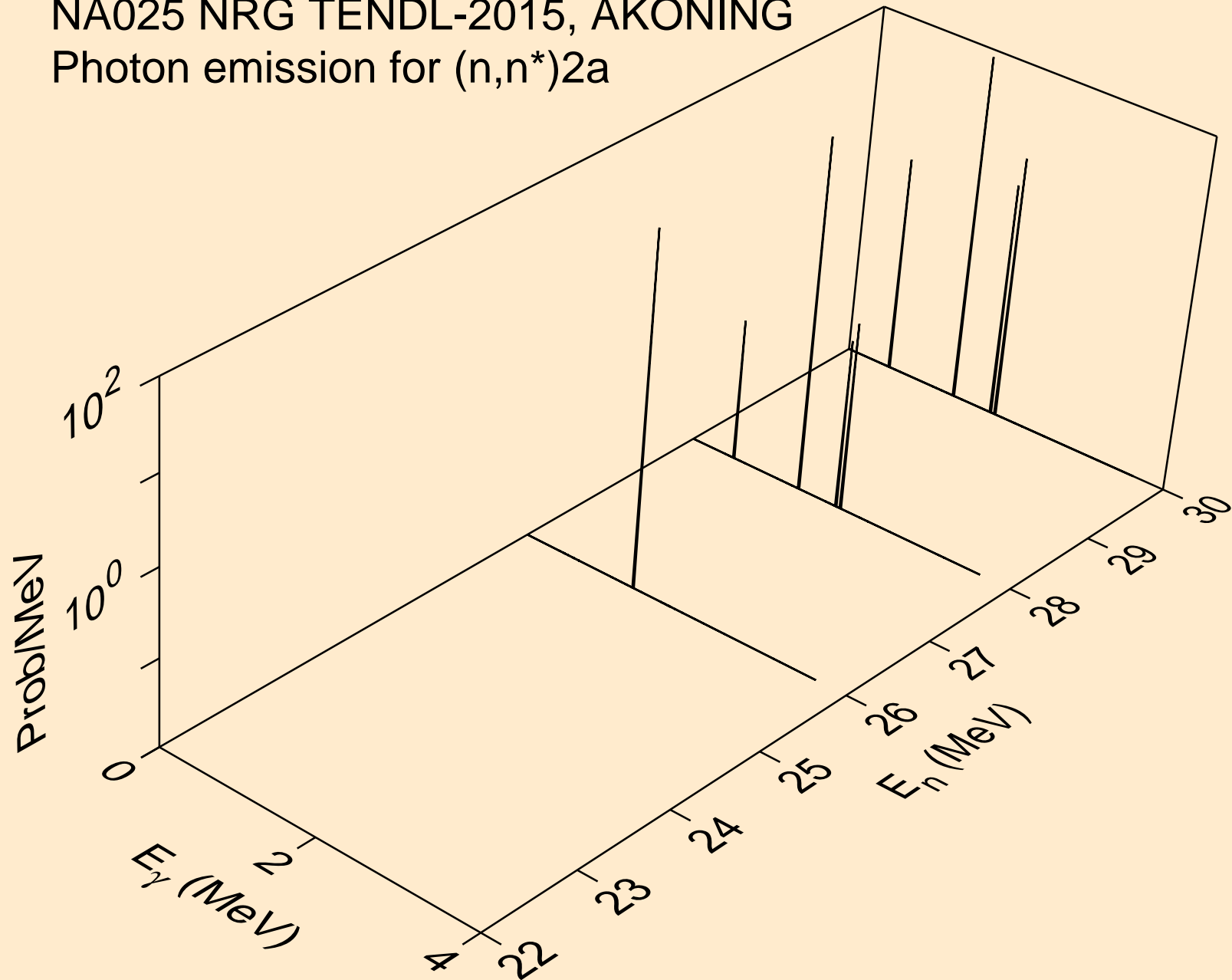




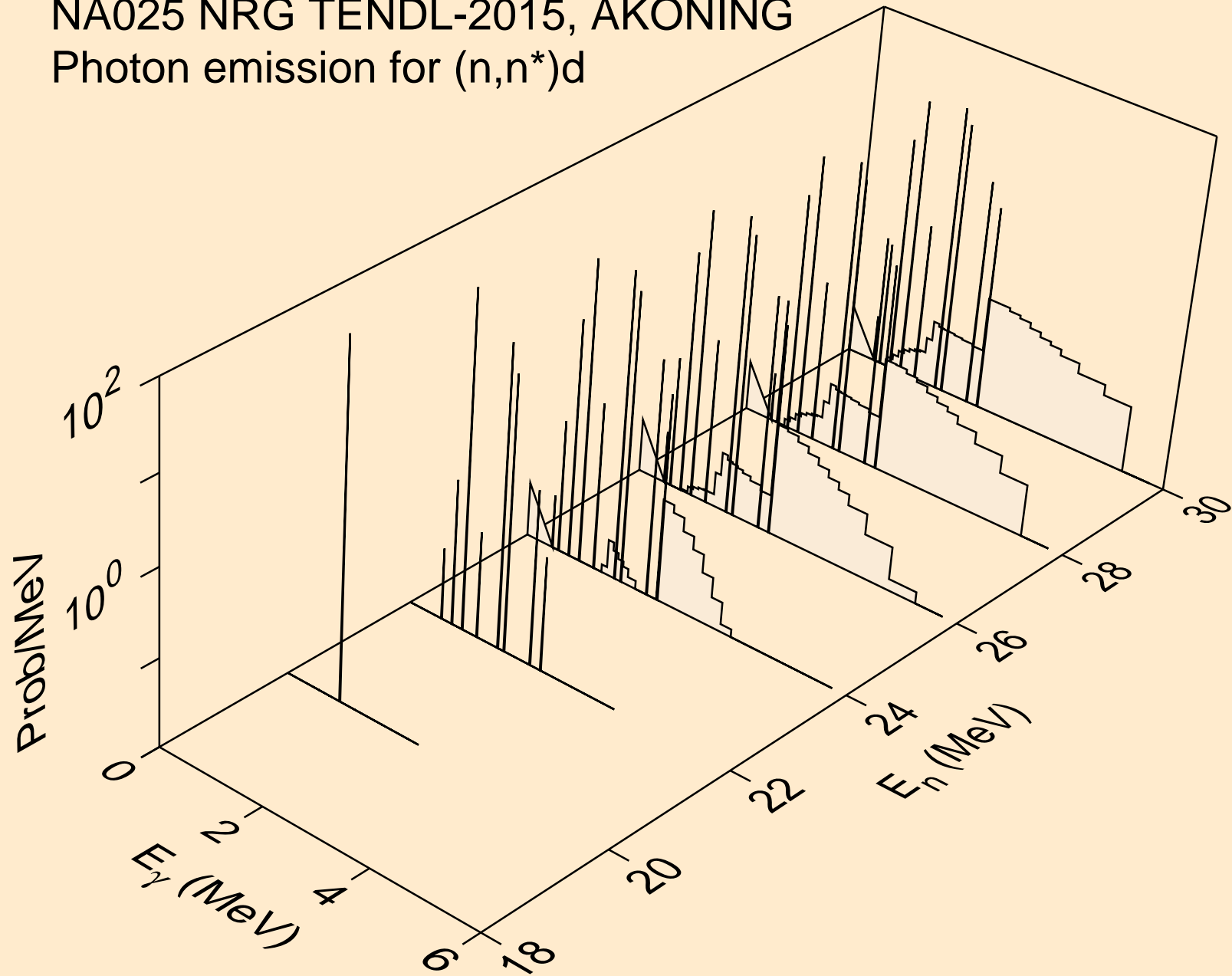
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



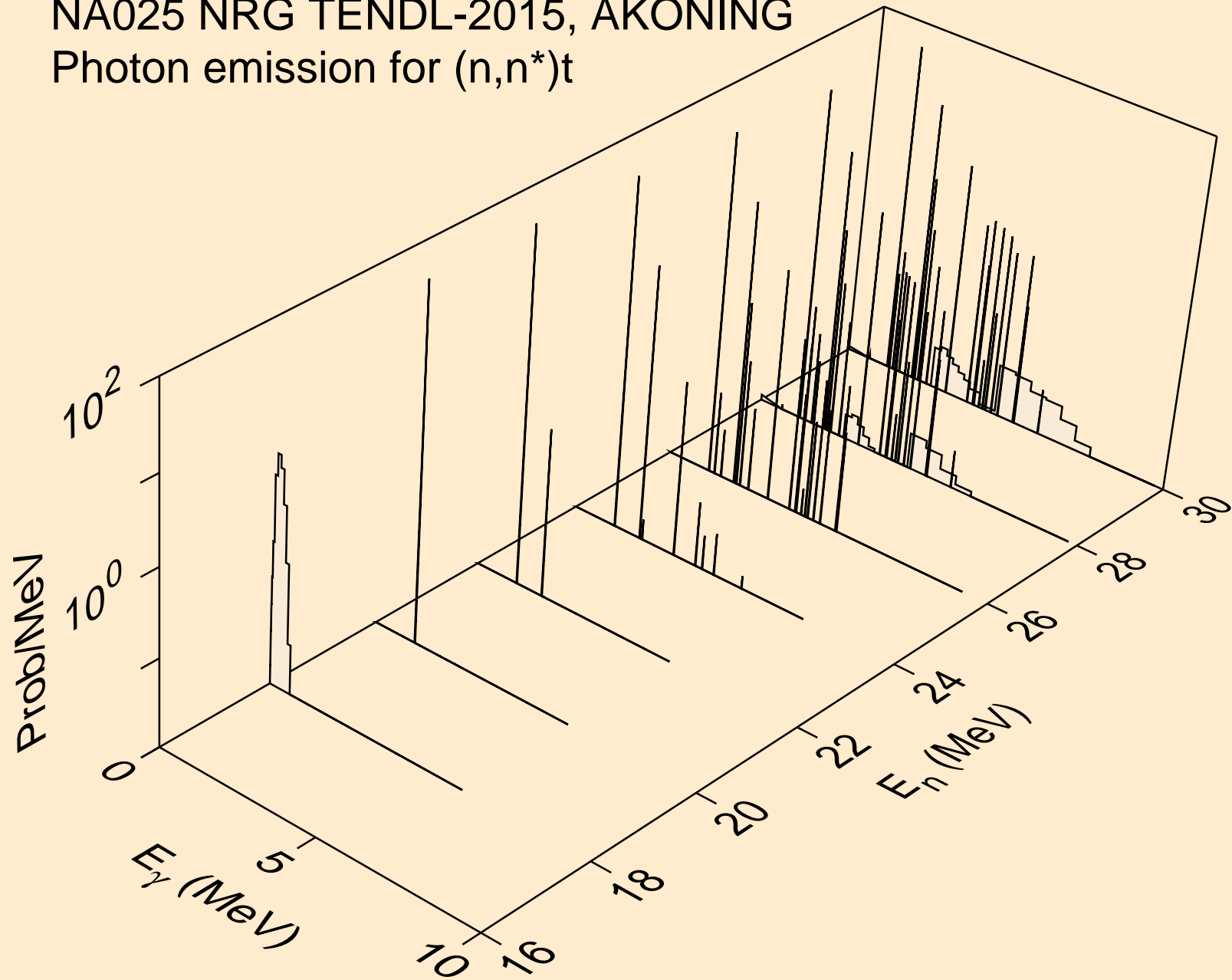
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



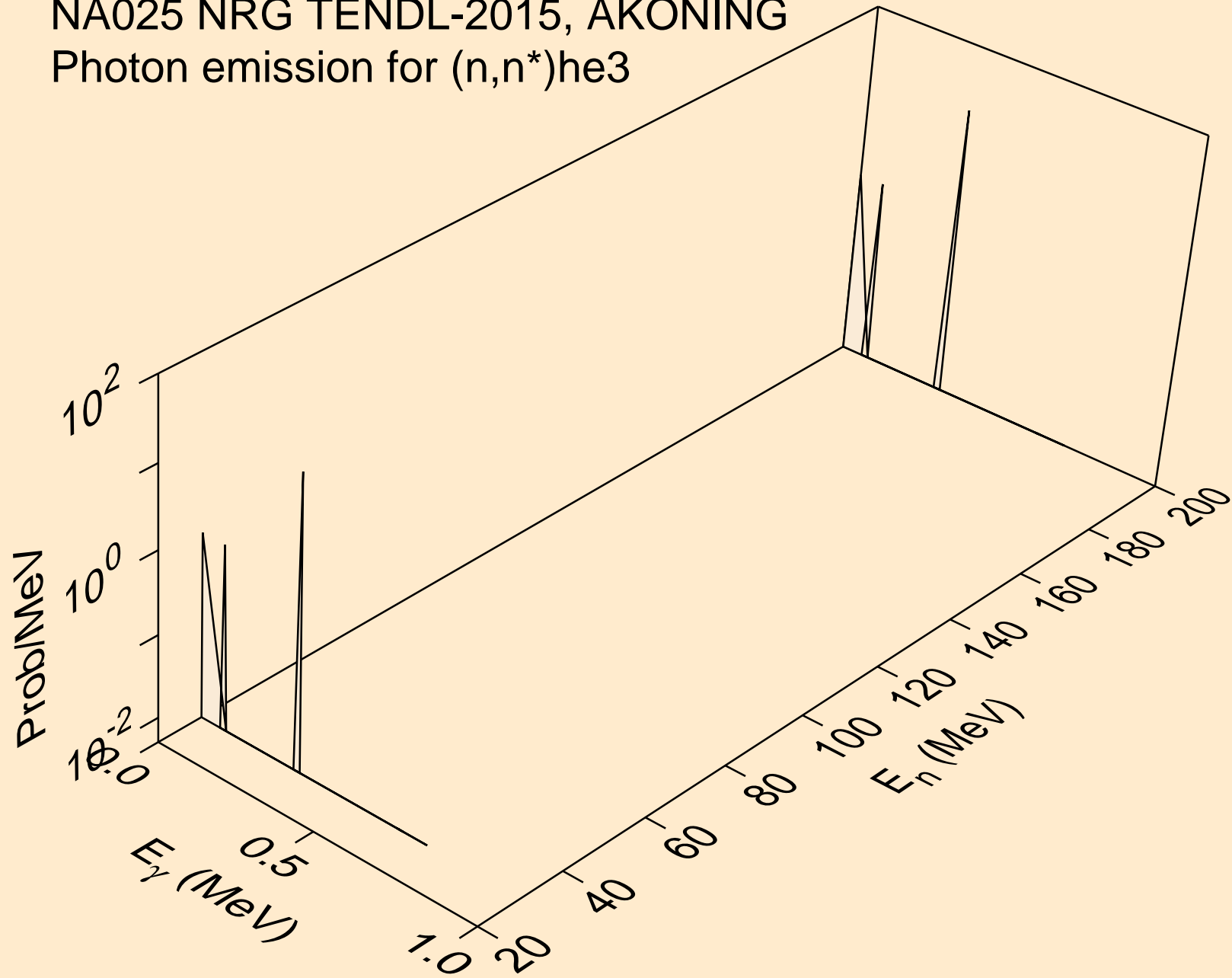
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



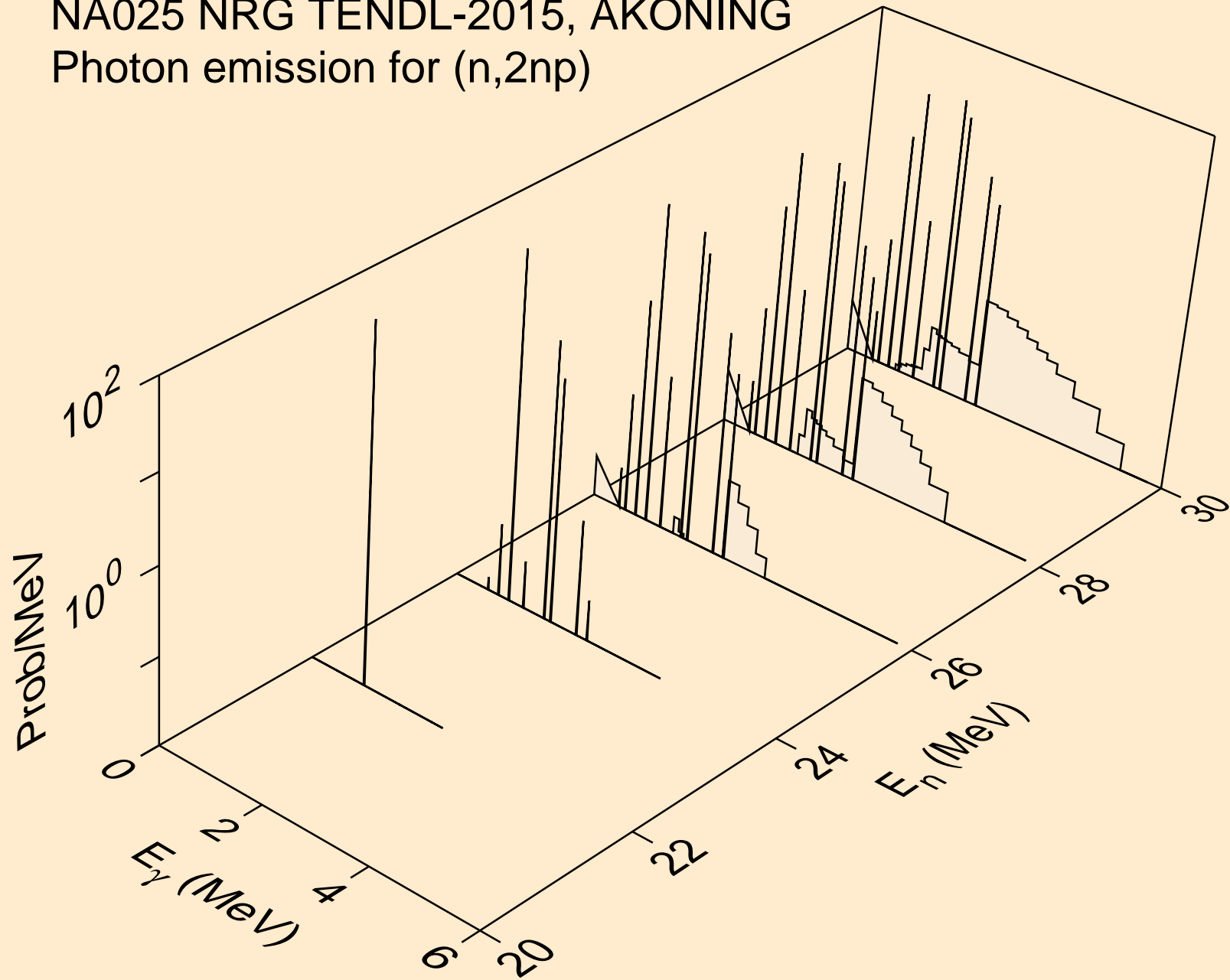
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



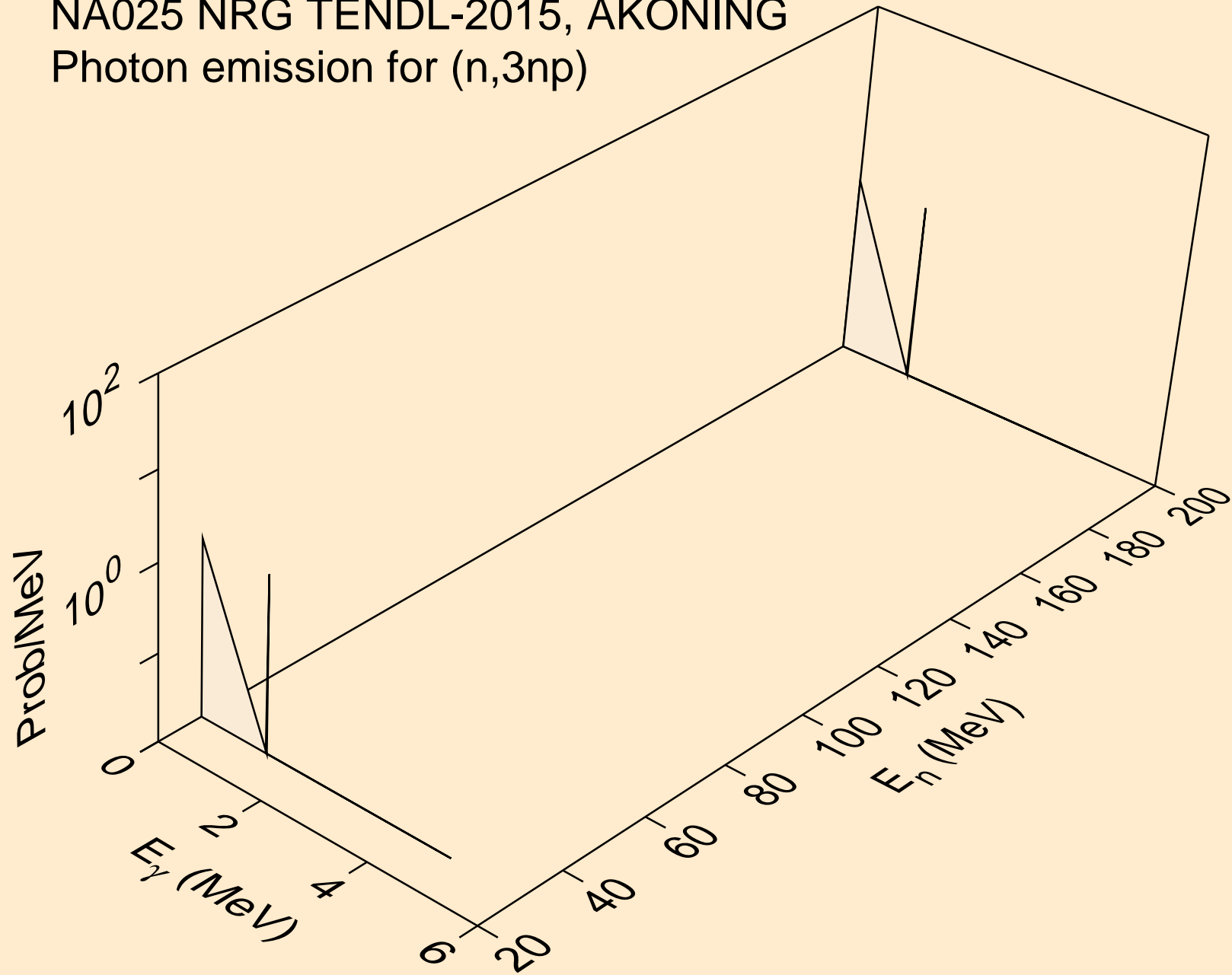
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



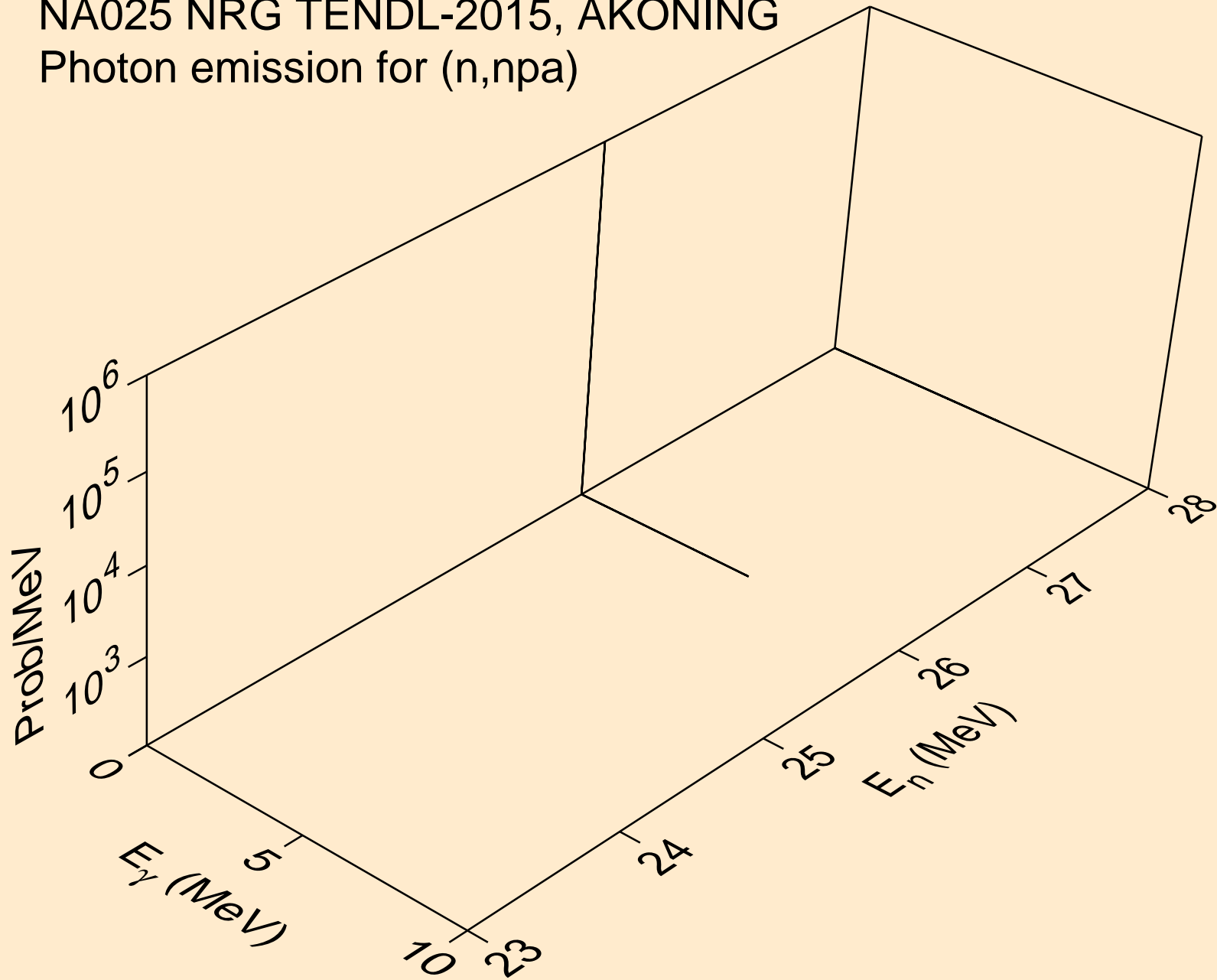
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

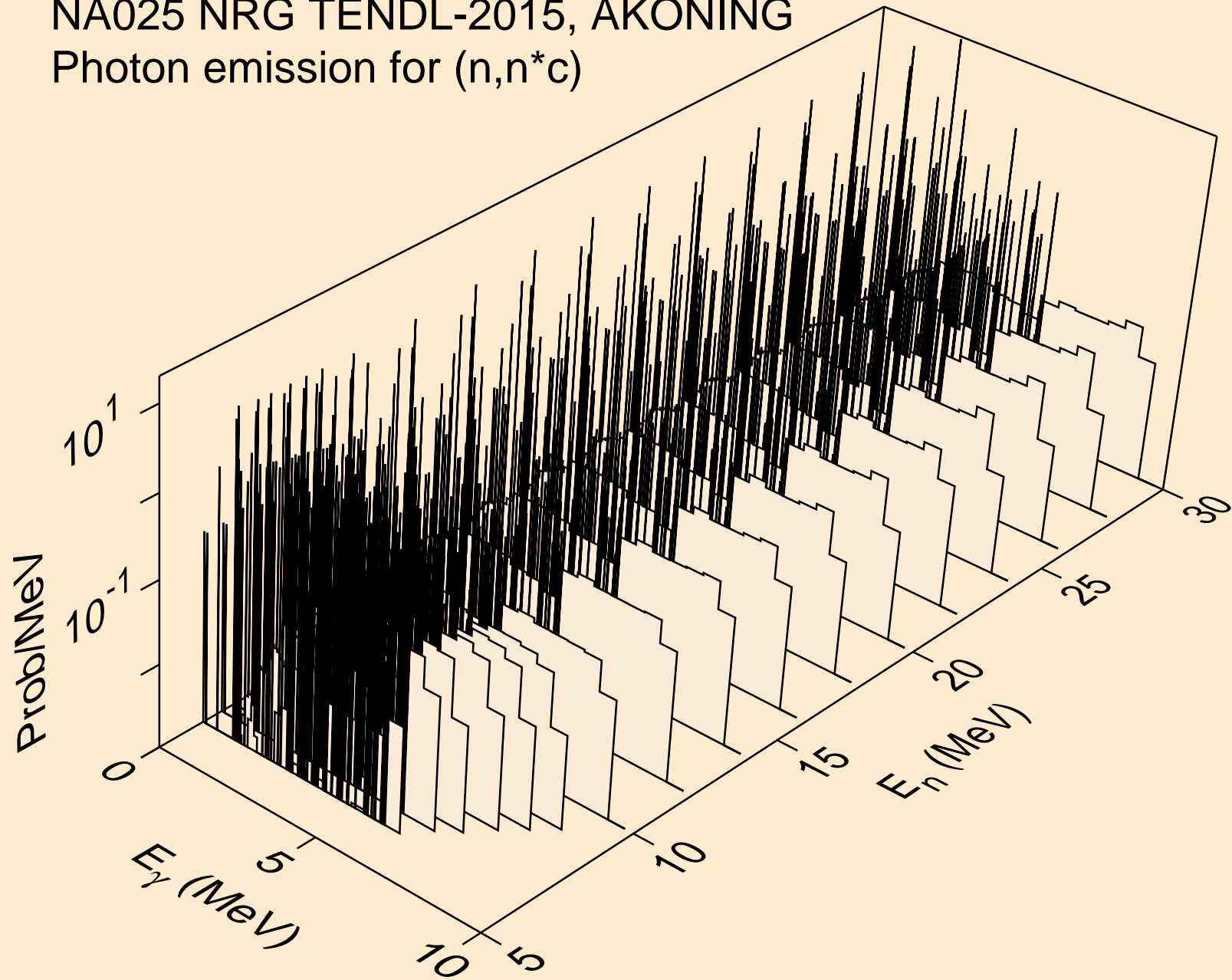


NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

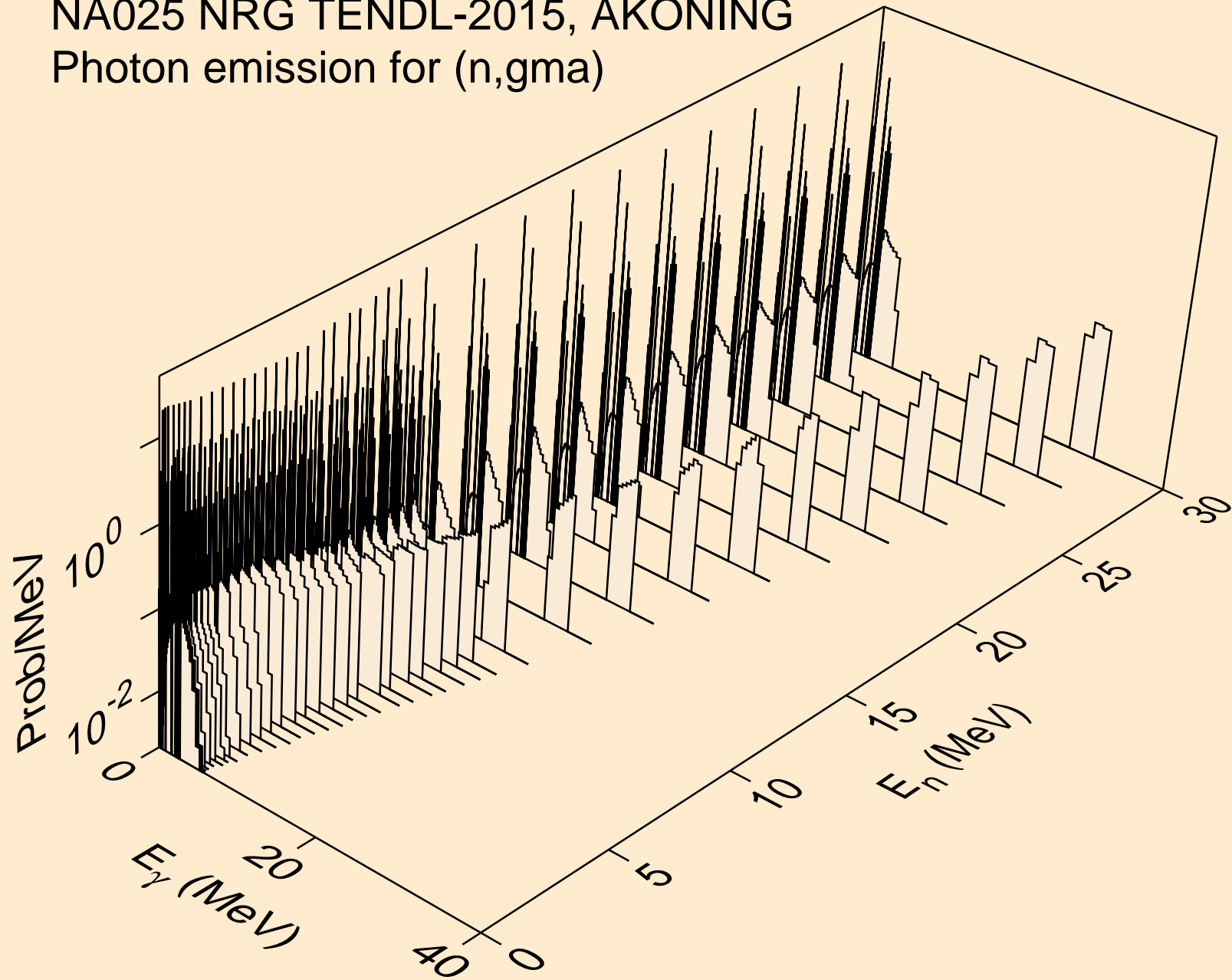




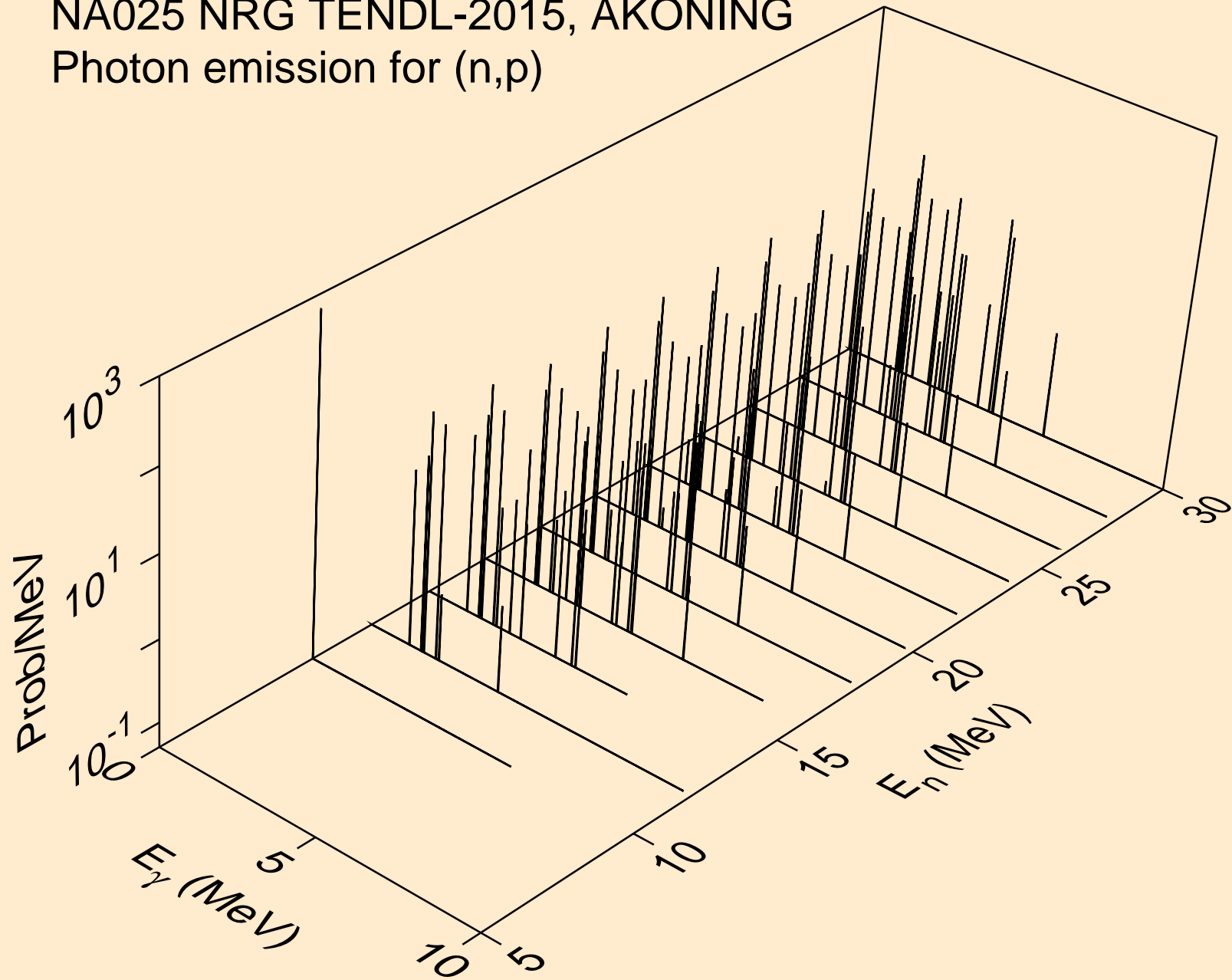
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Photon emission for (n,n\*c)



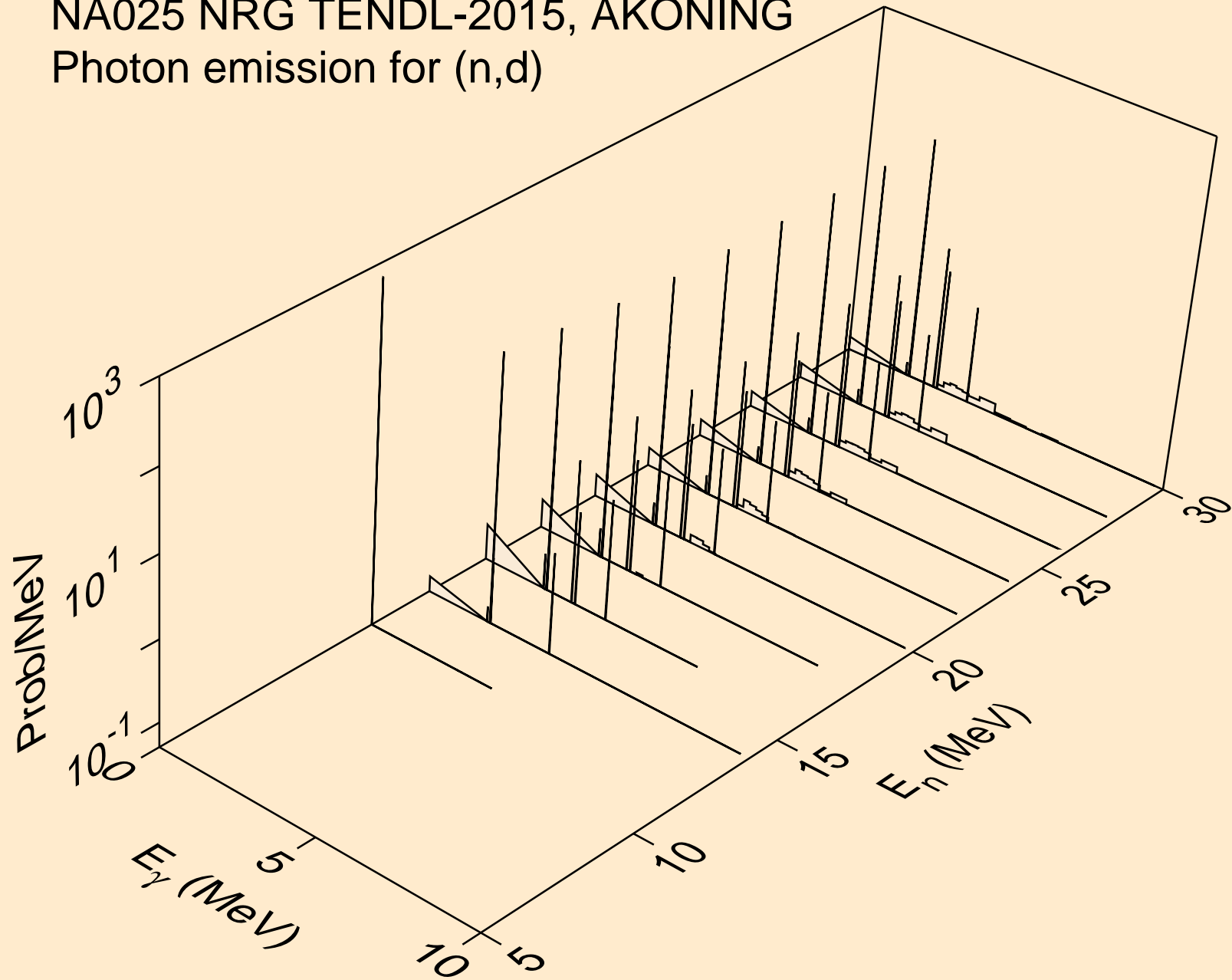
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Photon emission for (n,gma)



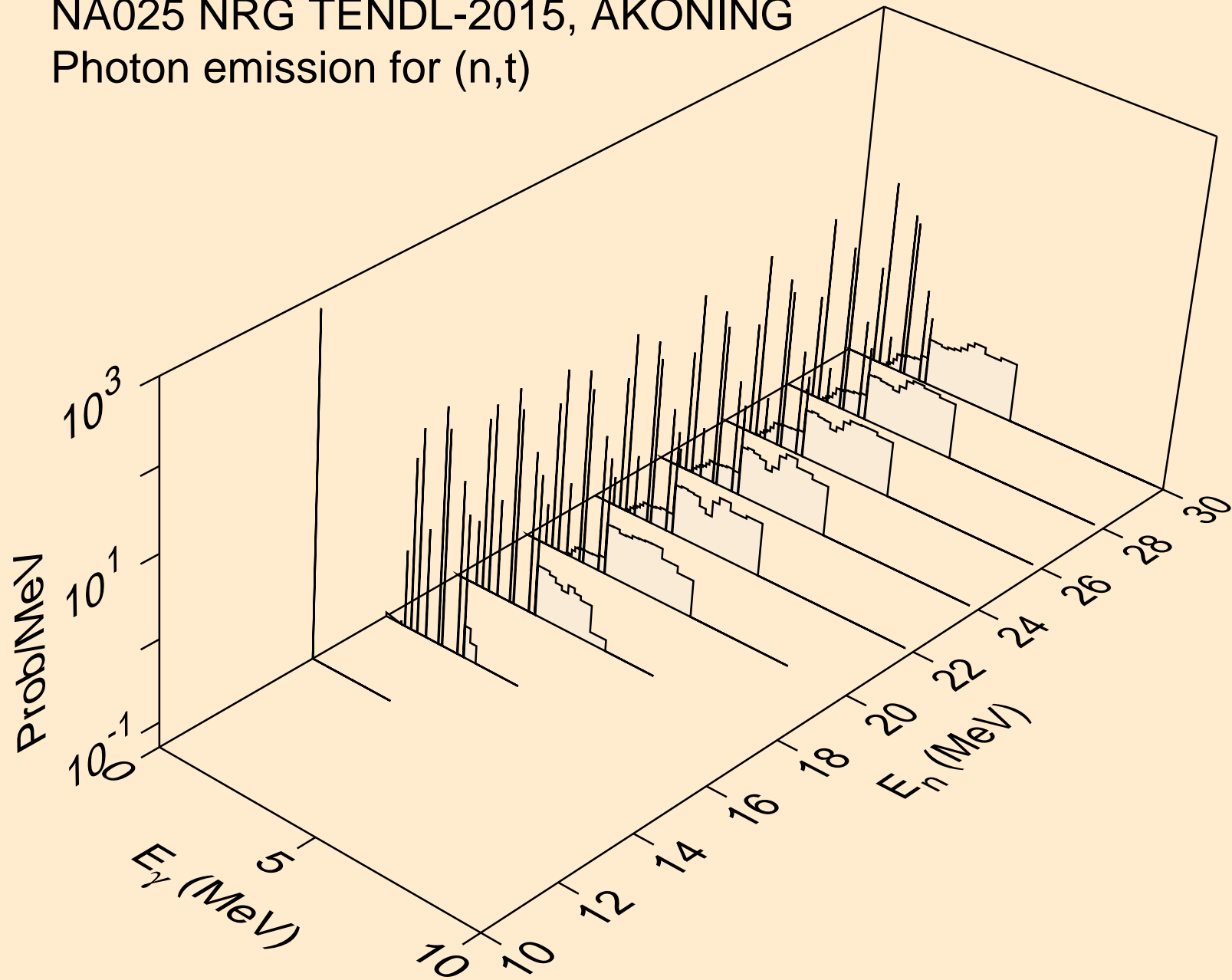
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



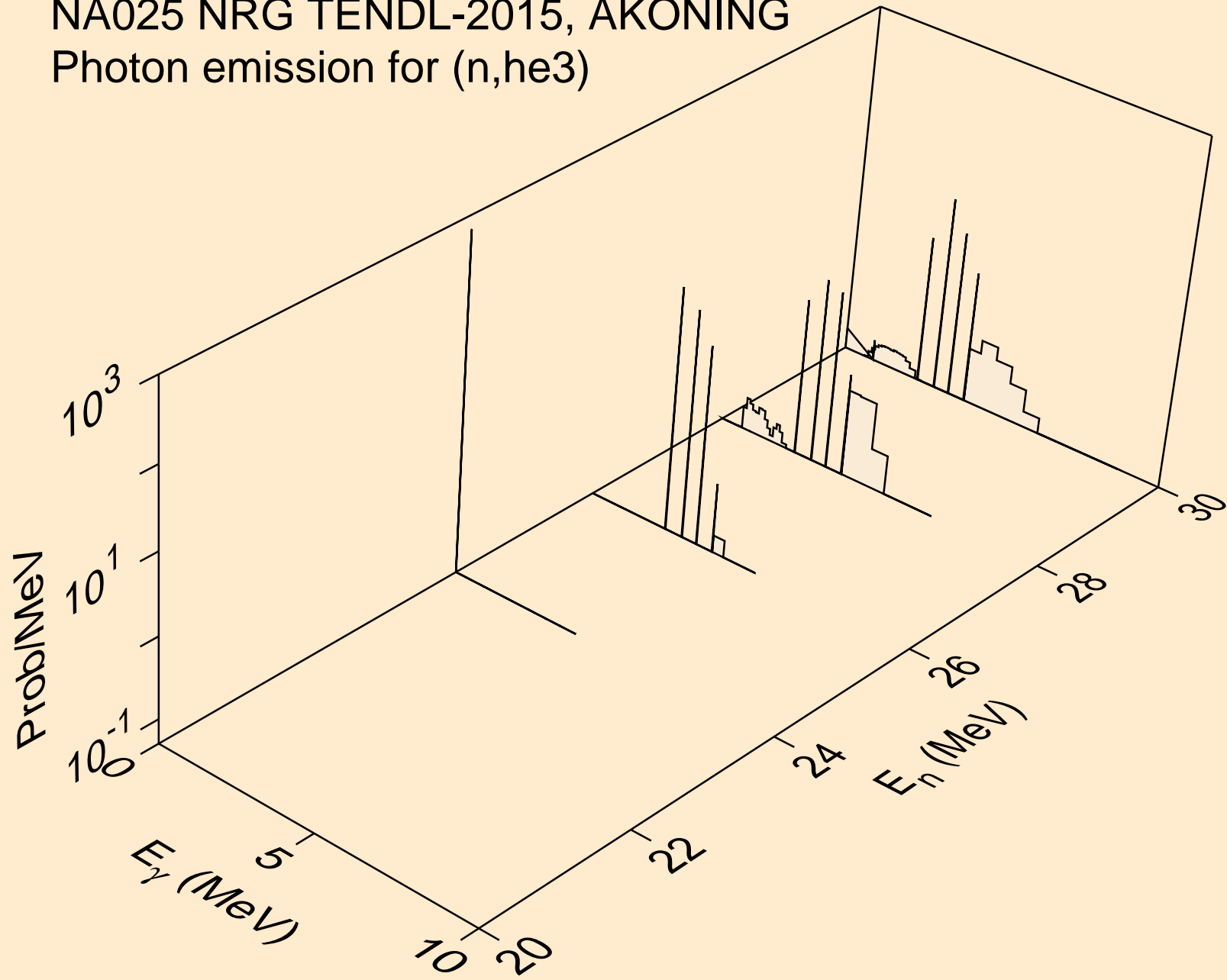
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



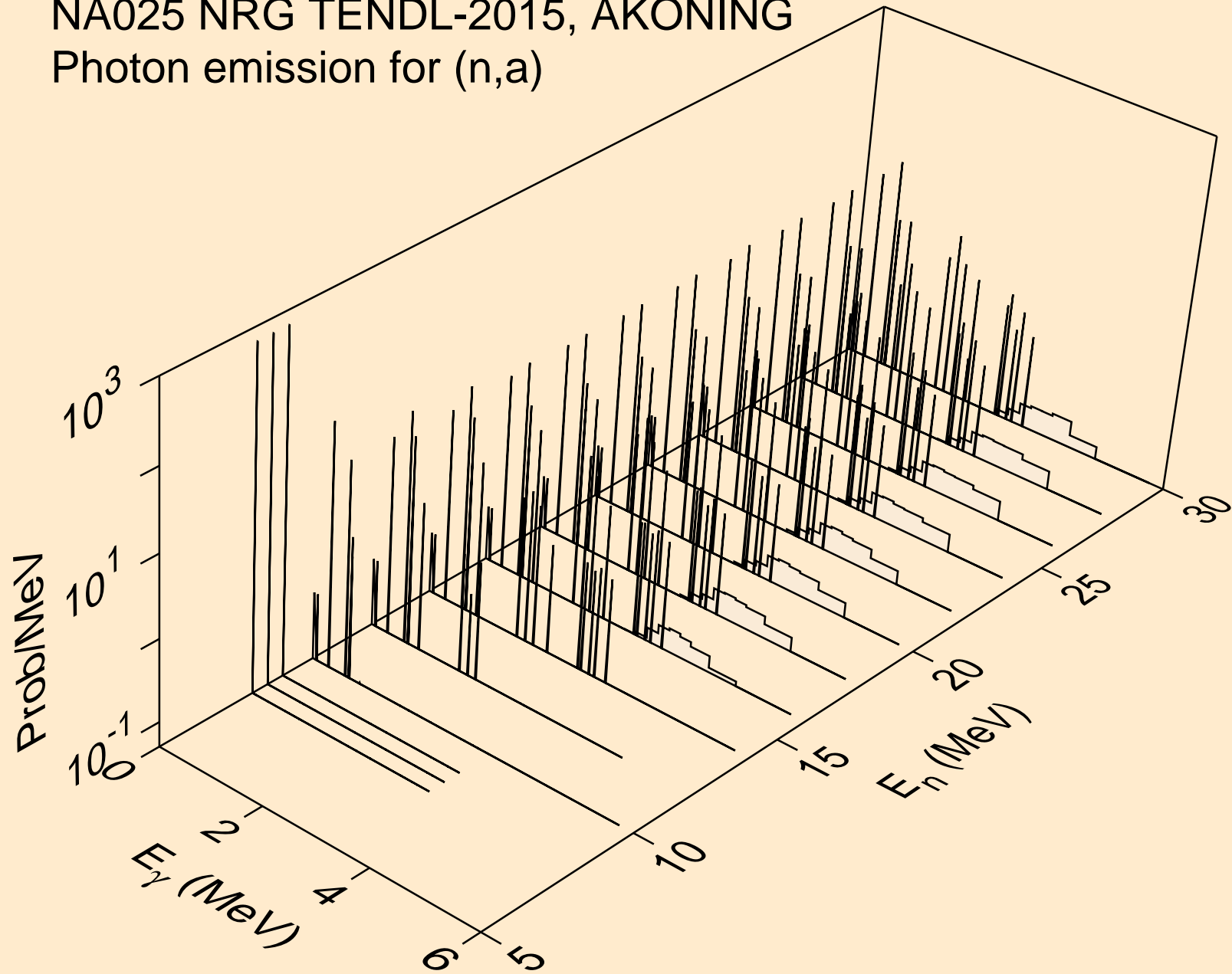
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



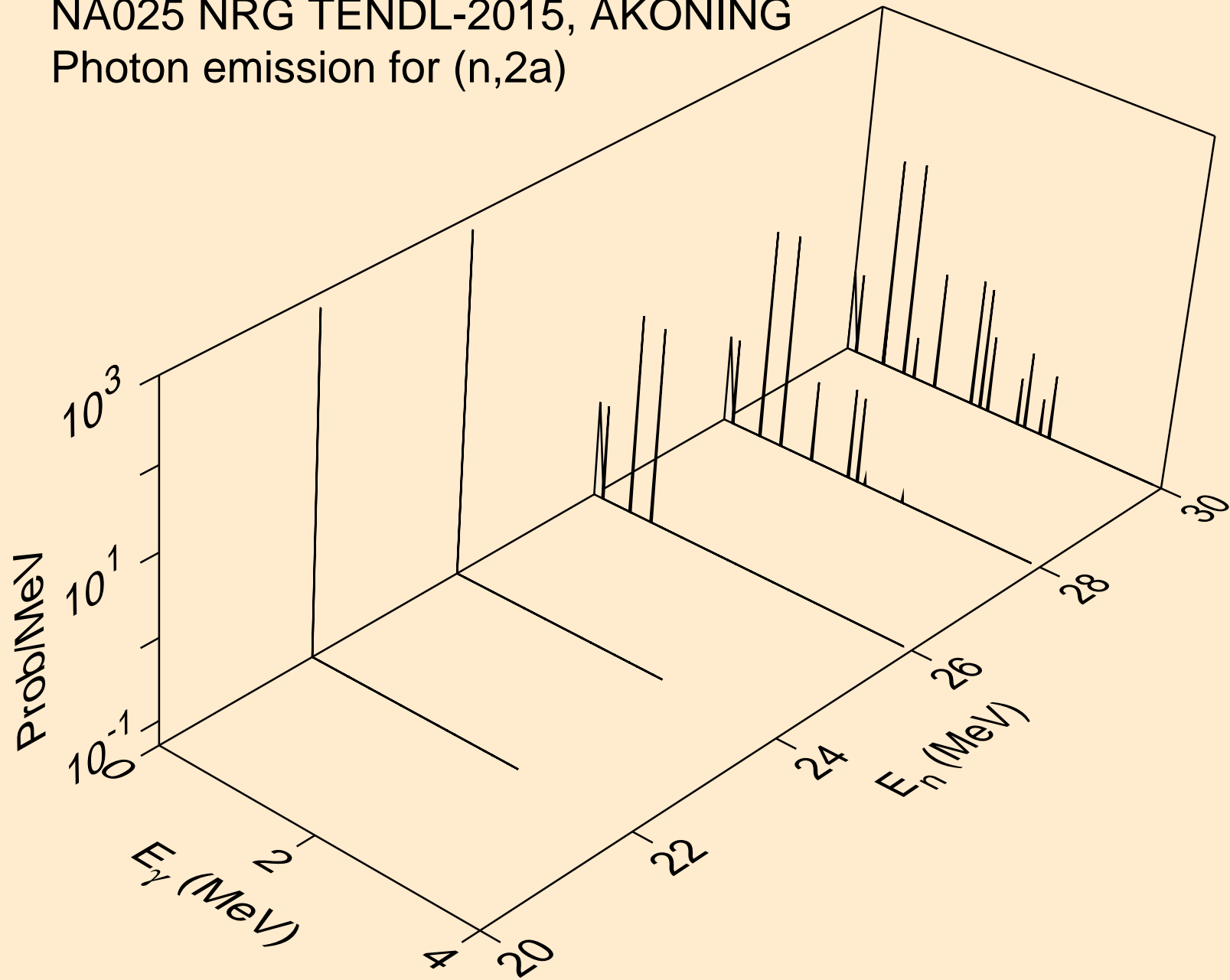
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

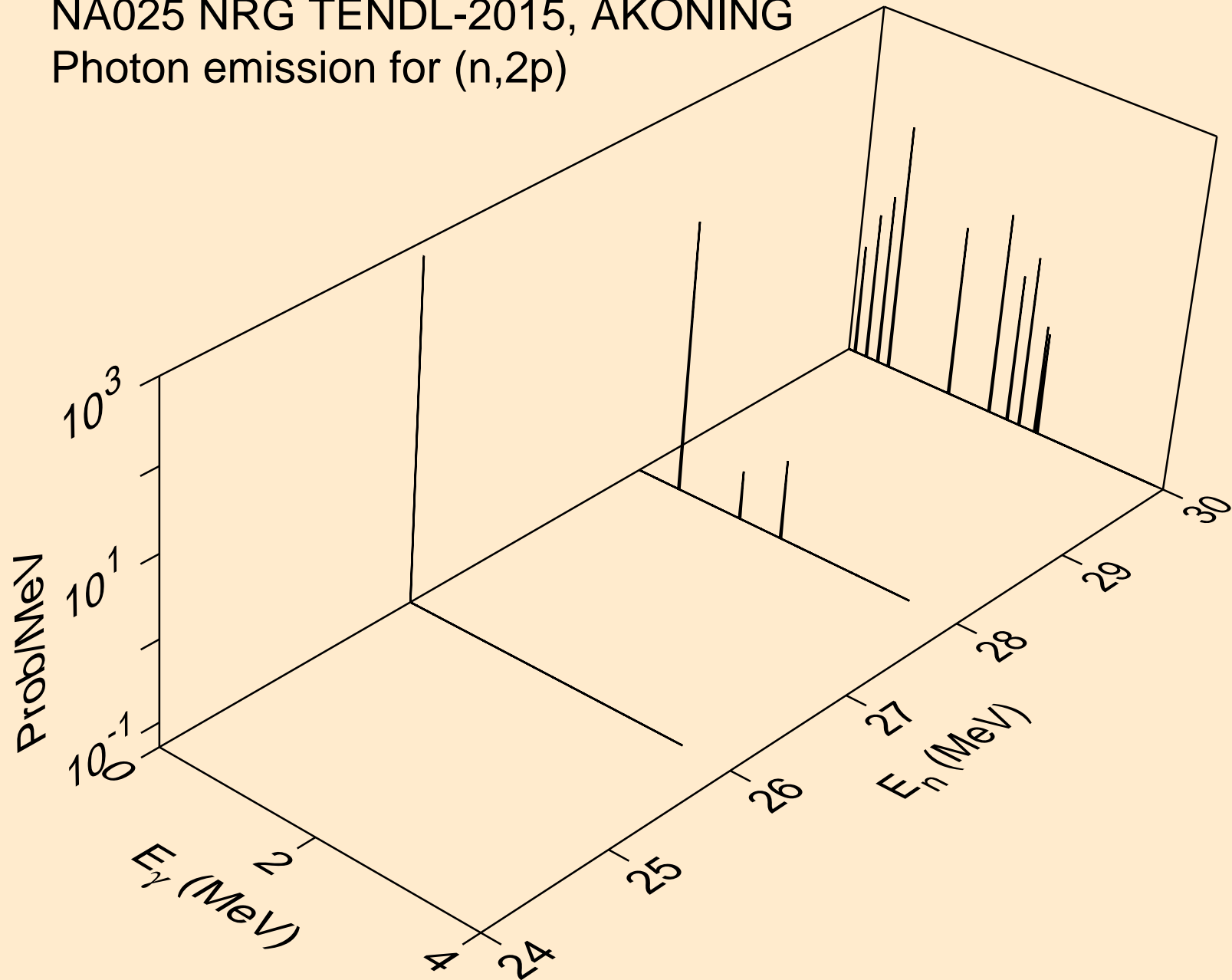


NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

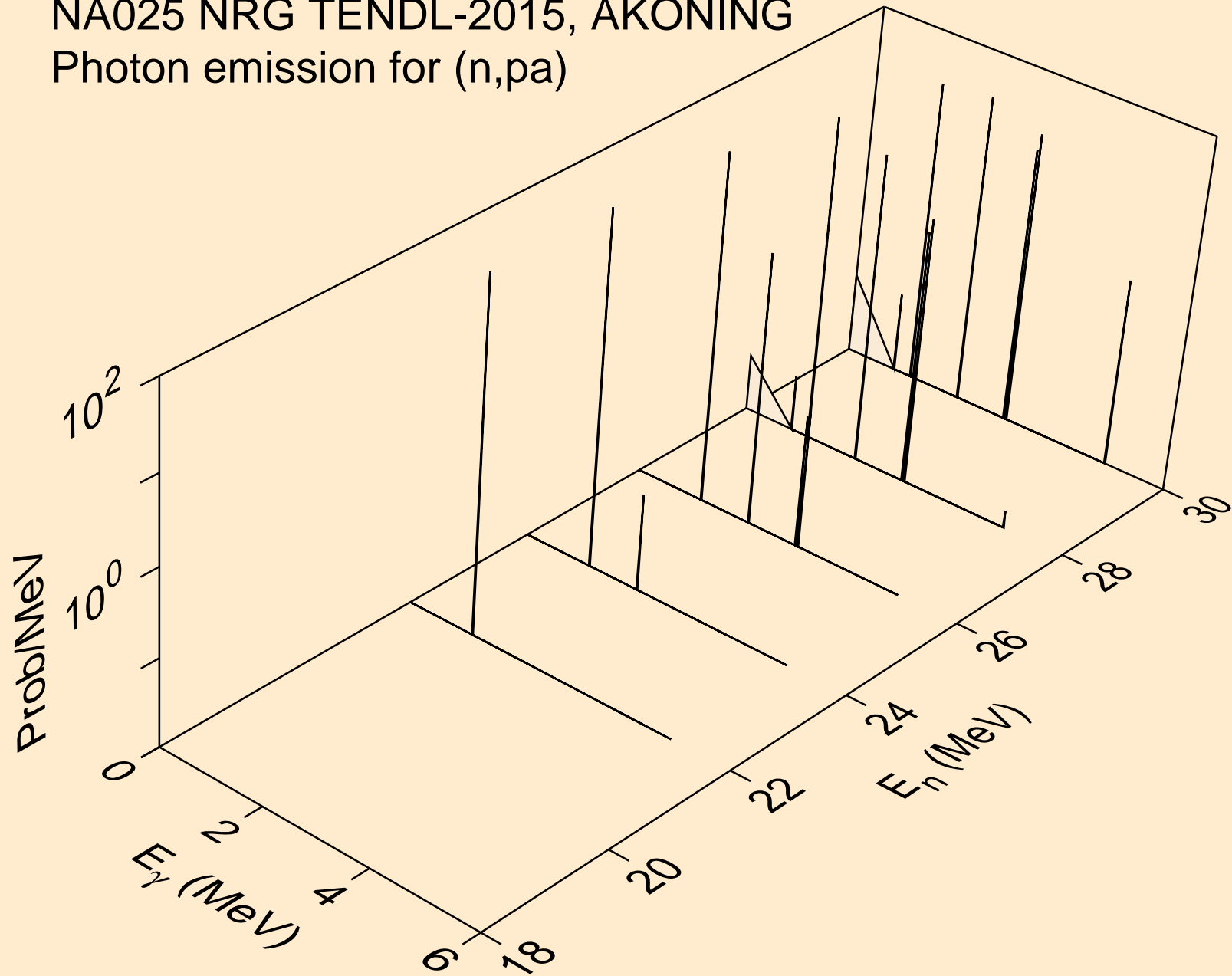




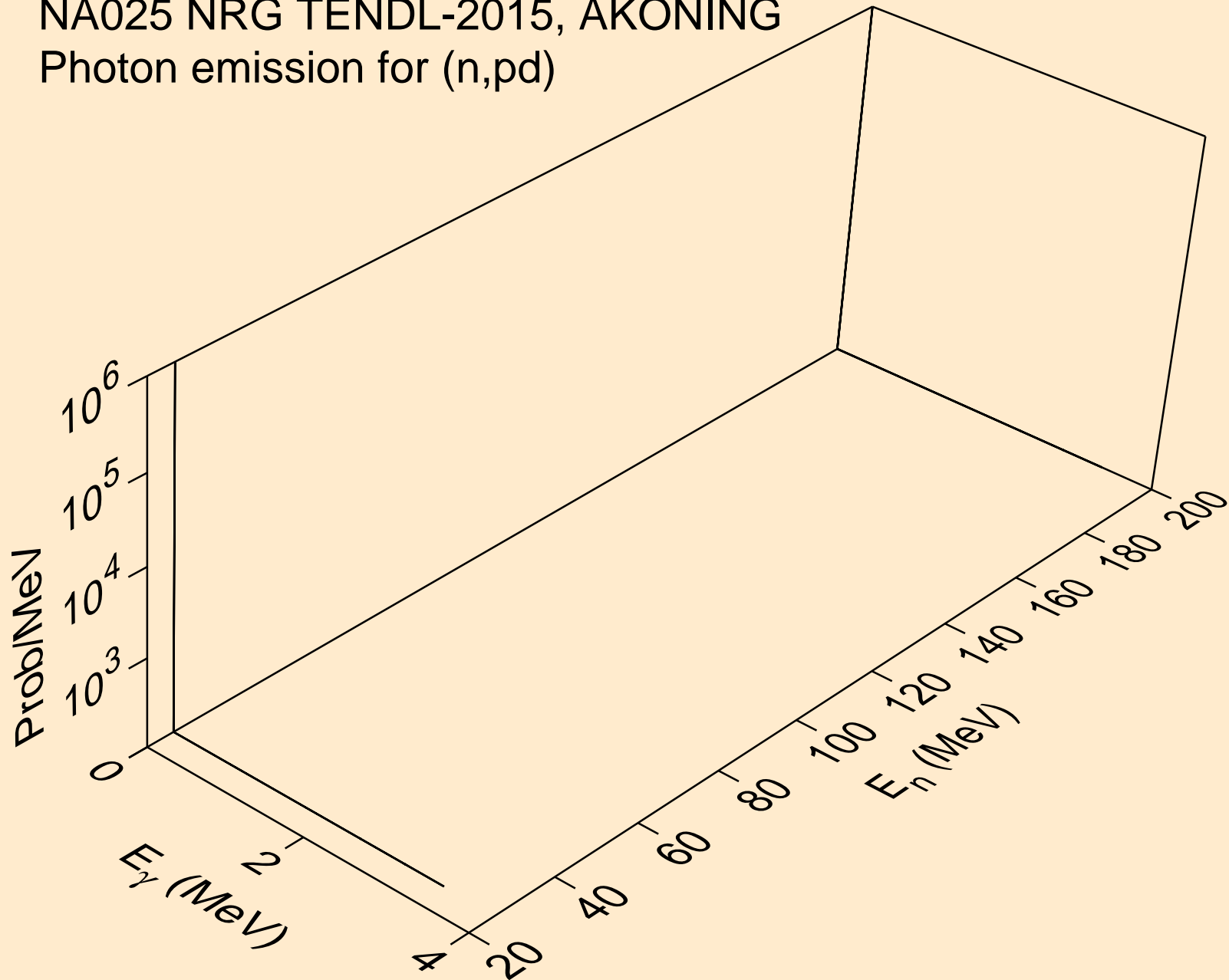
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Photon emission for (n,2p)



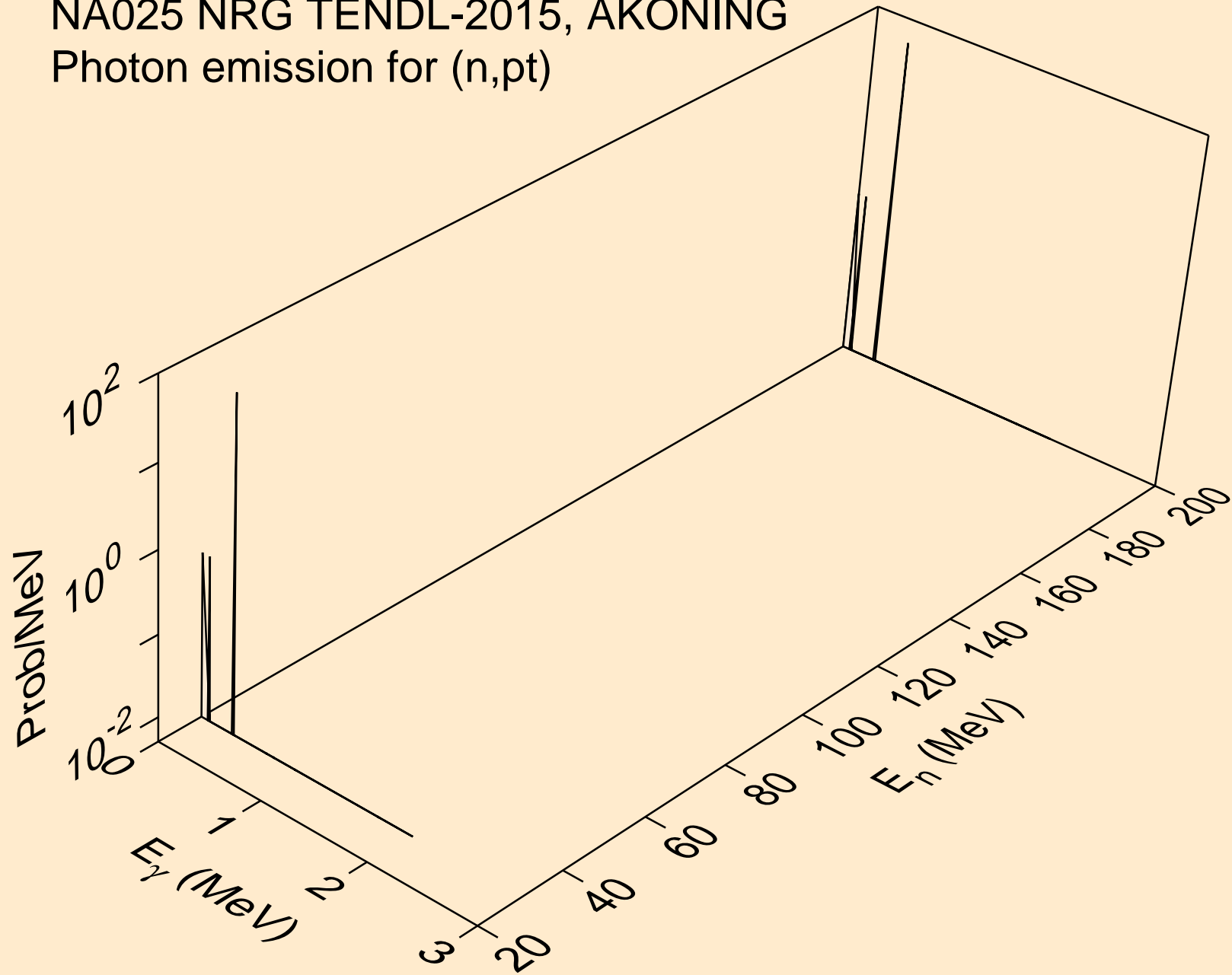
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



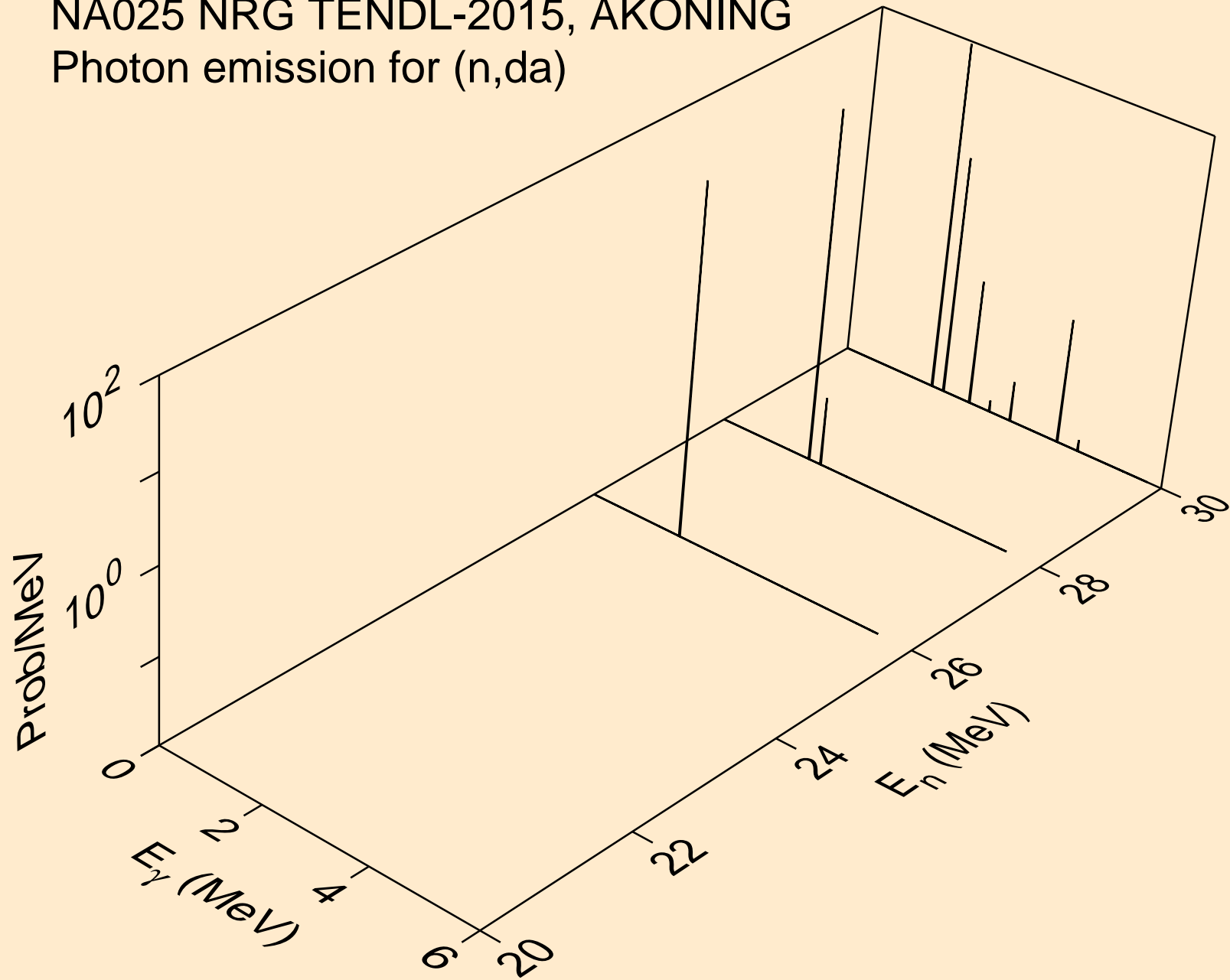
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



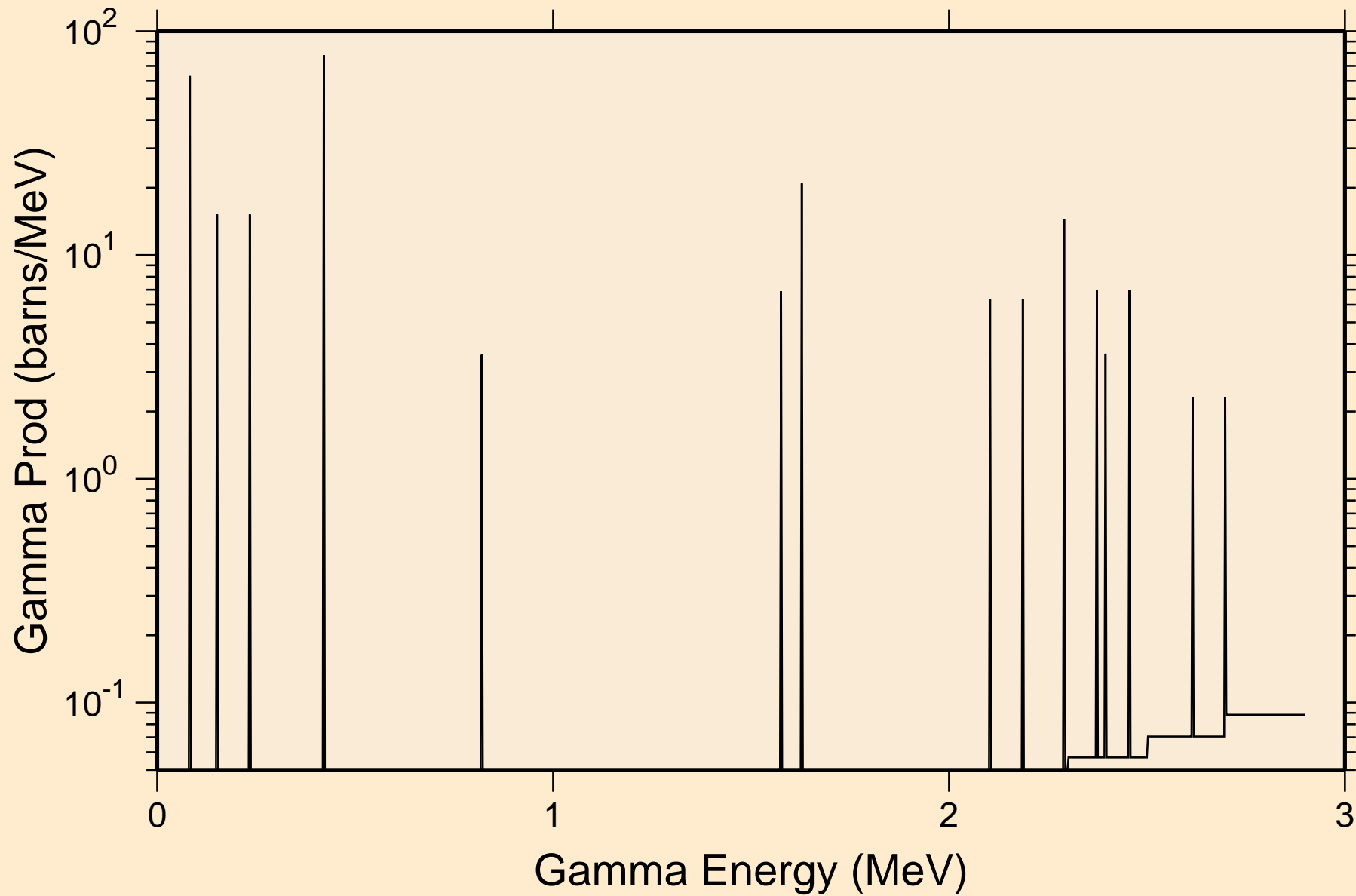
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



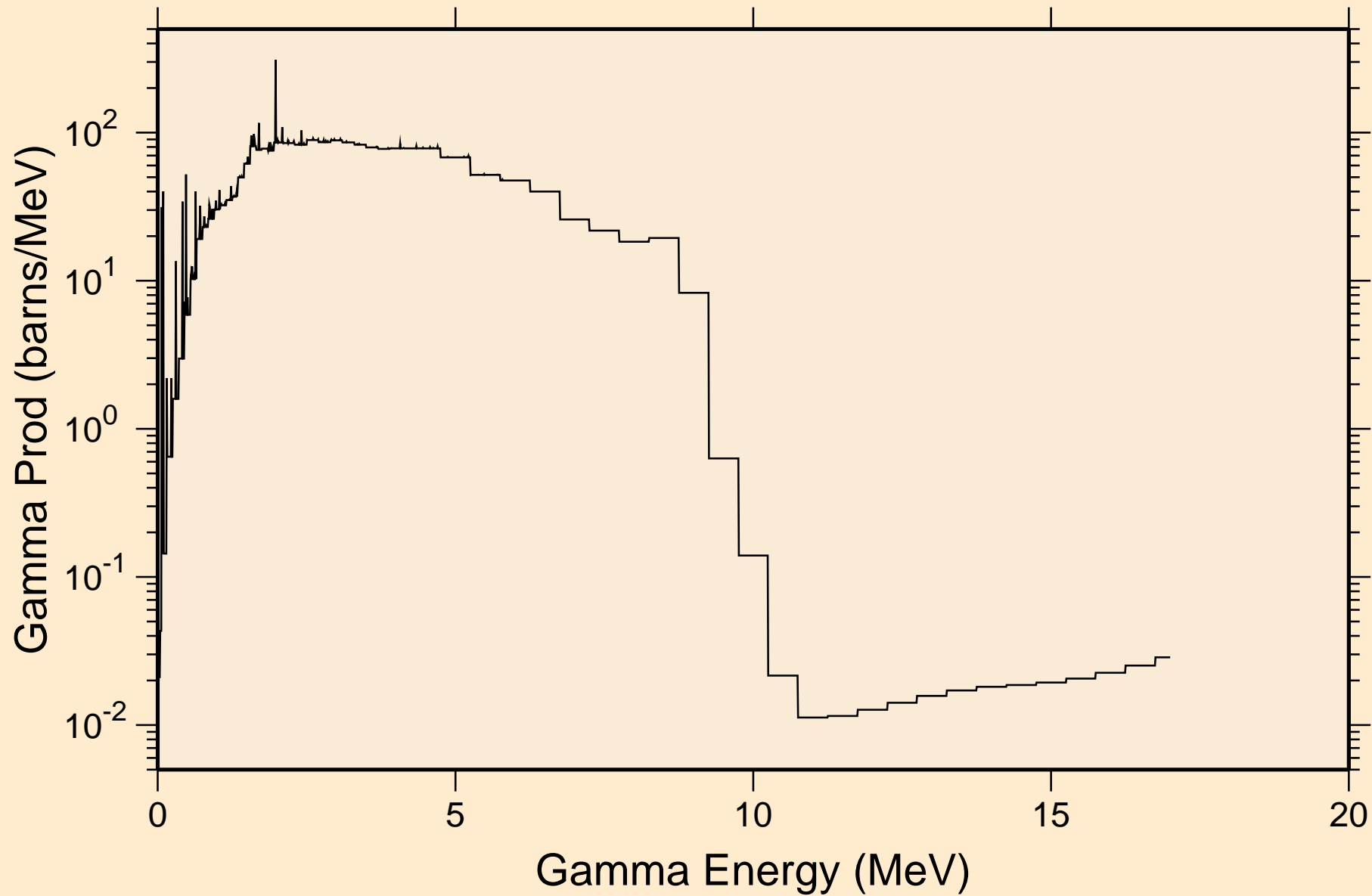
NA025 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



NA025 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

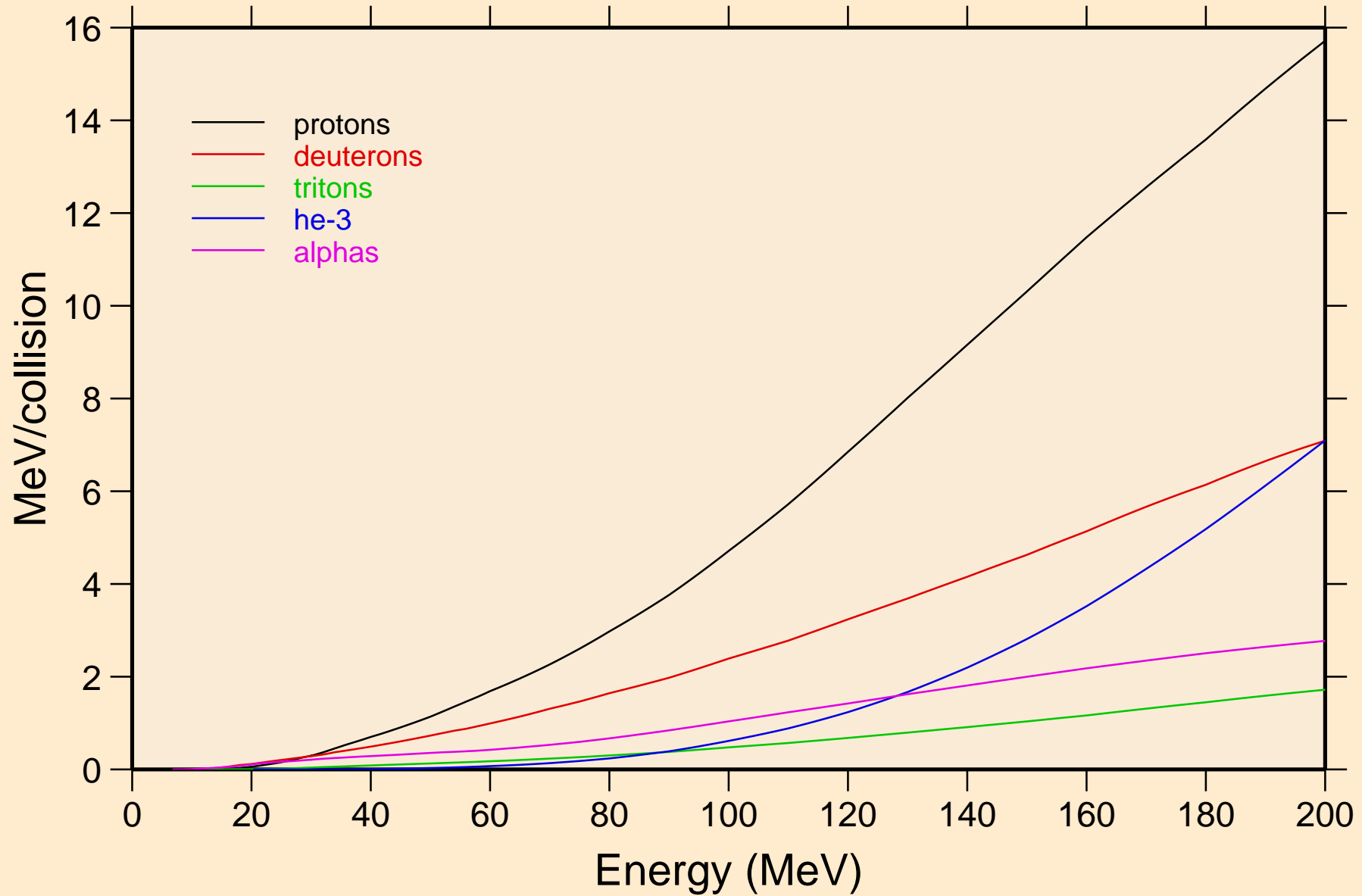


NA025 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# NA025 NRG TENDL-2015, AKONING

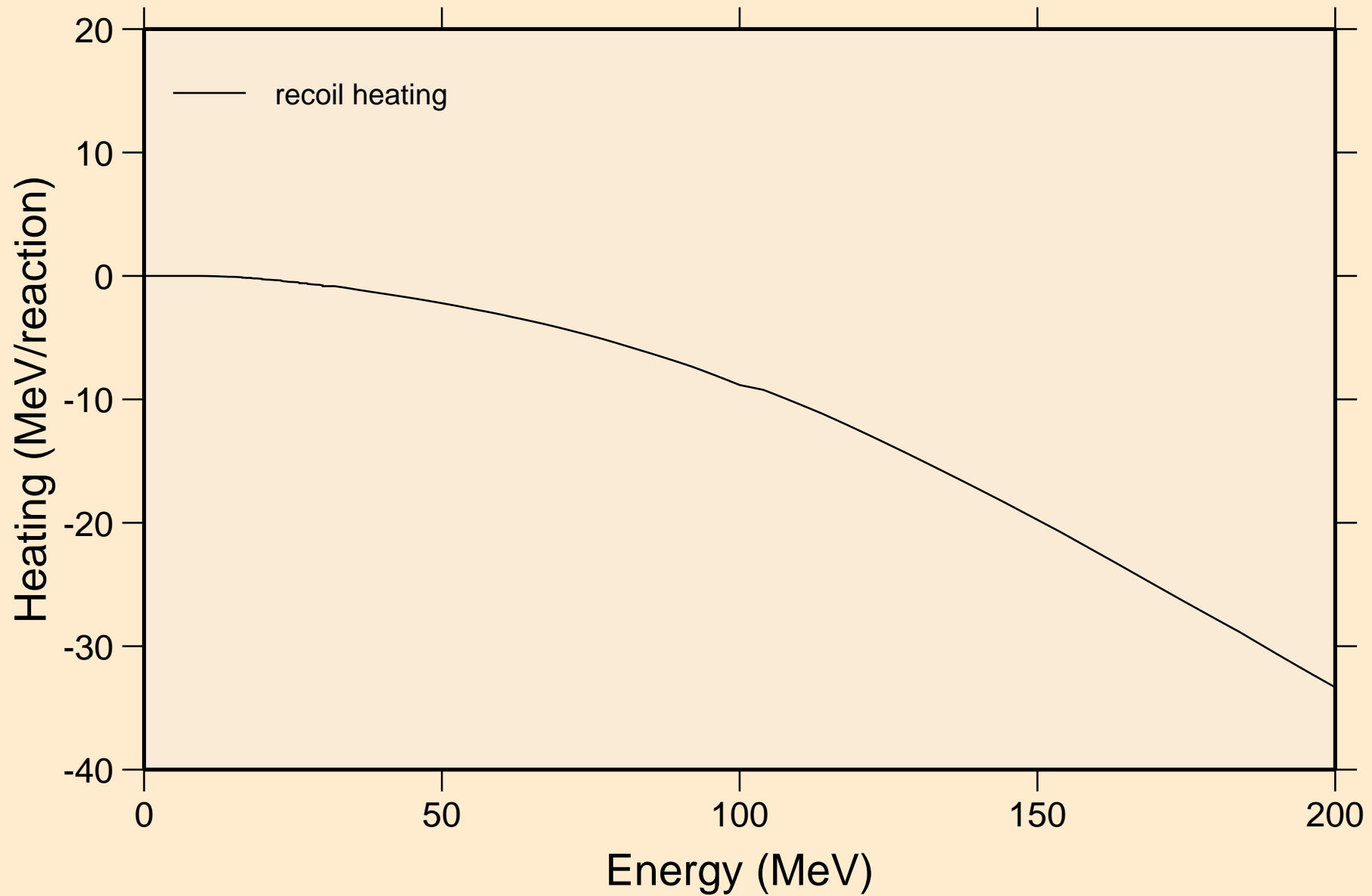
## Particle heating contributions





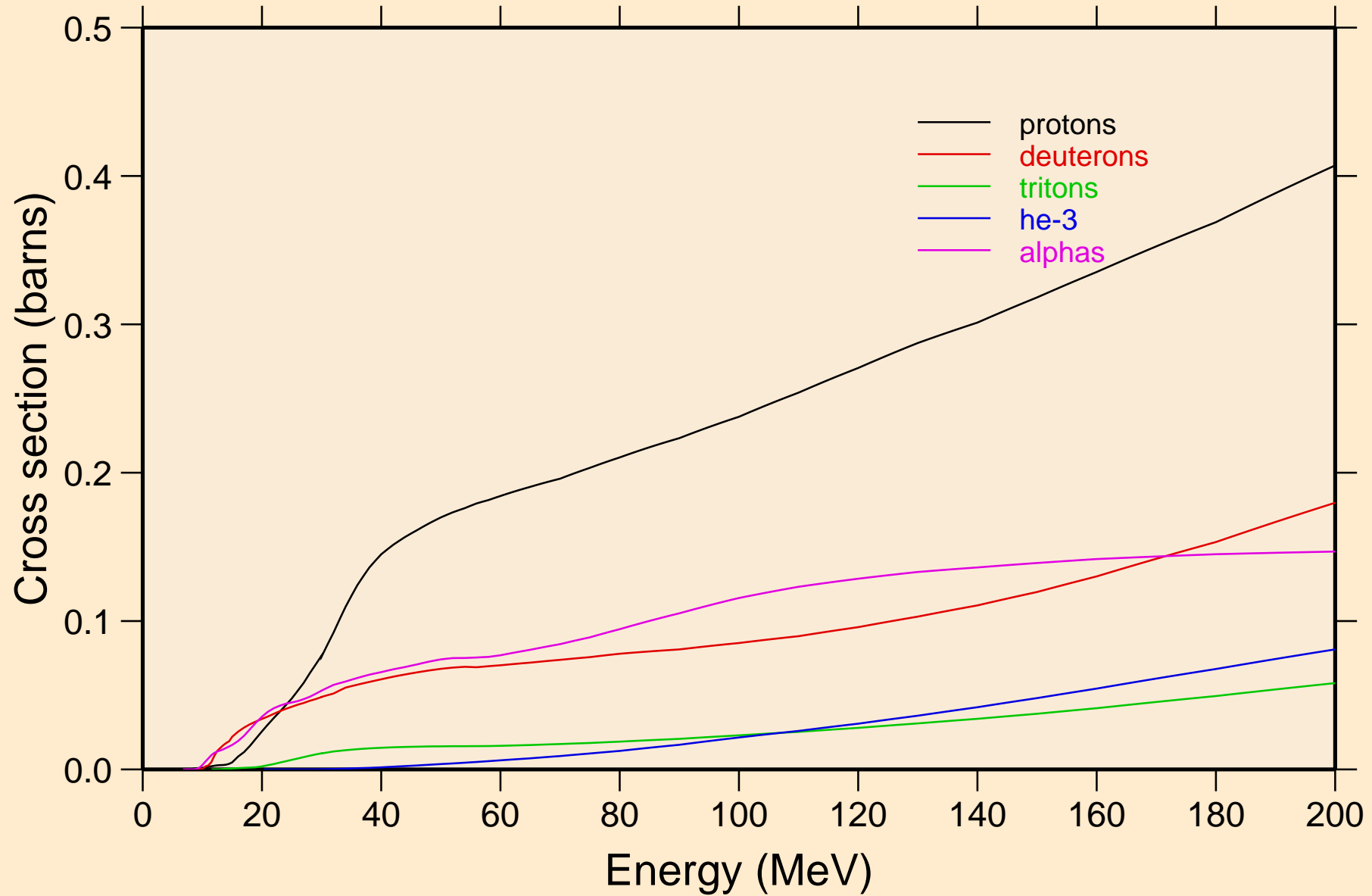
# NA025 NRG TENDL-2015, AKONING

## Recoil Heating

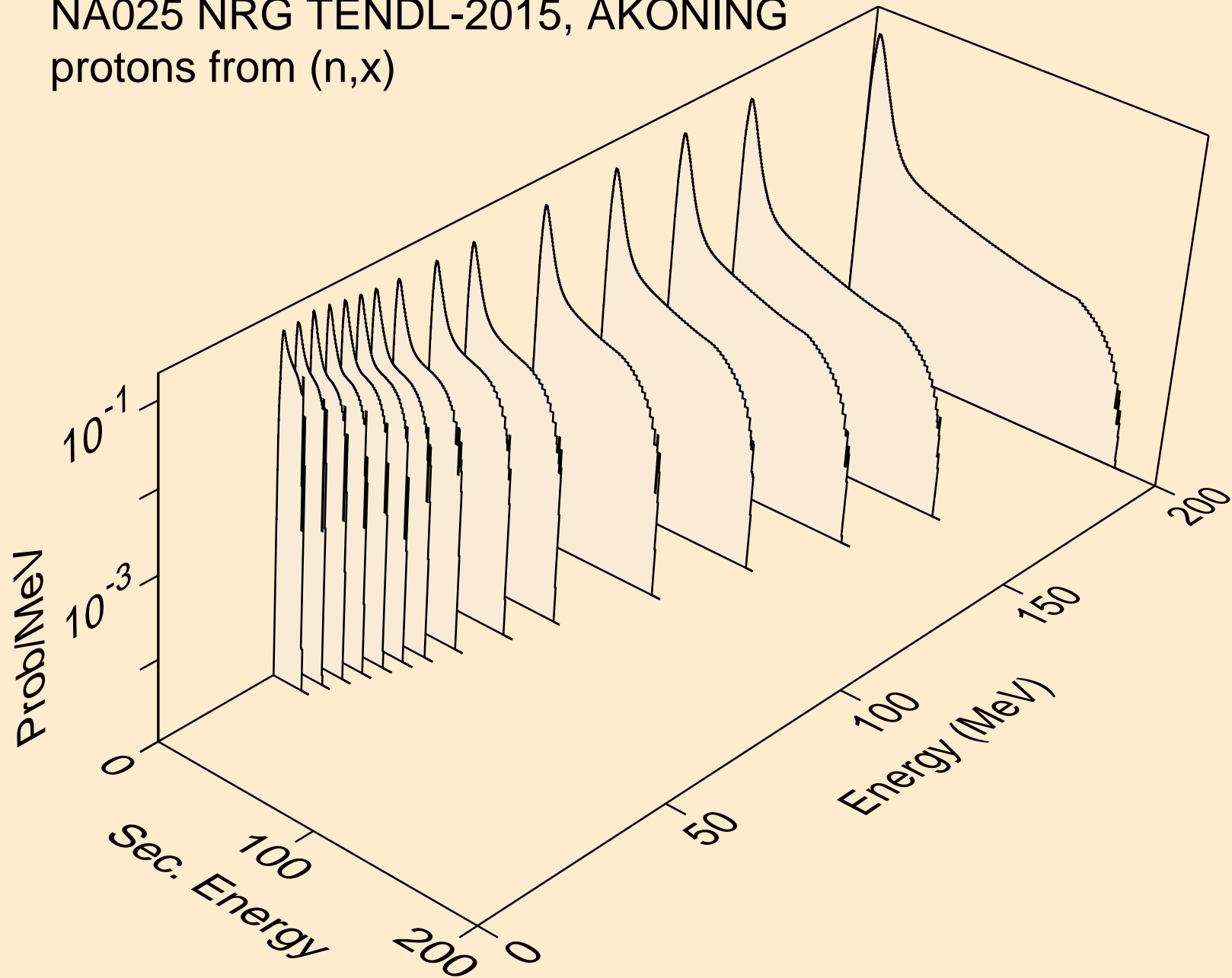


# NA025 NRG TENDL-2015, AKONING

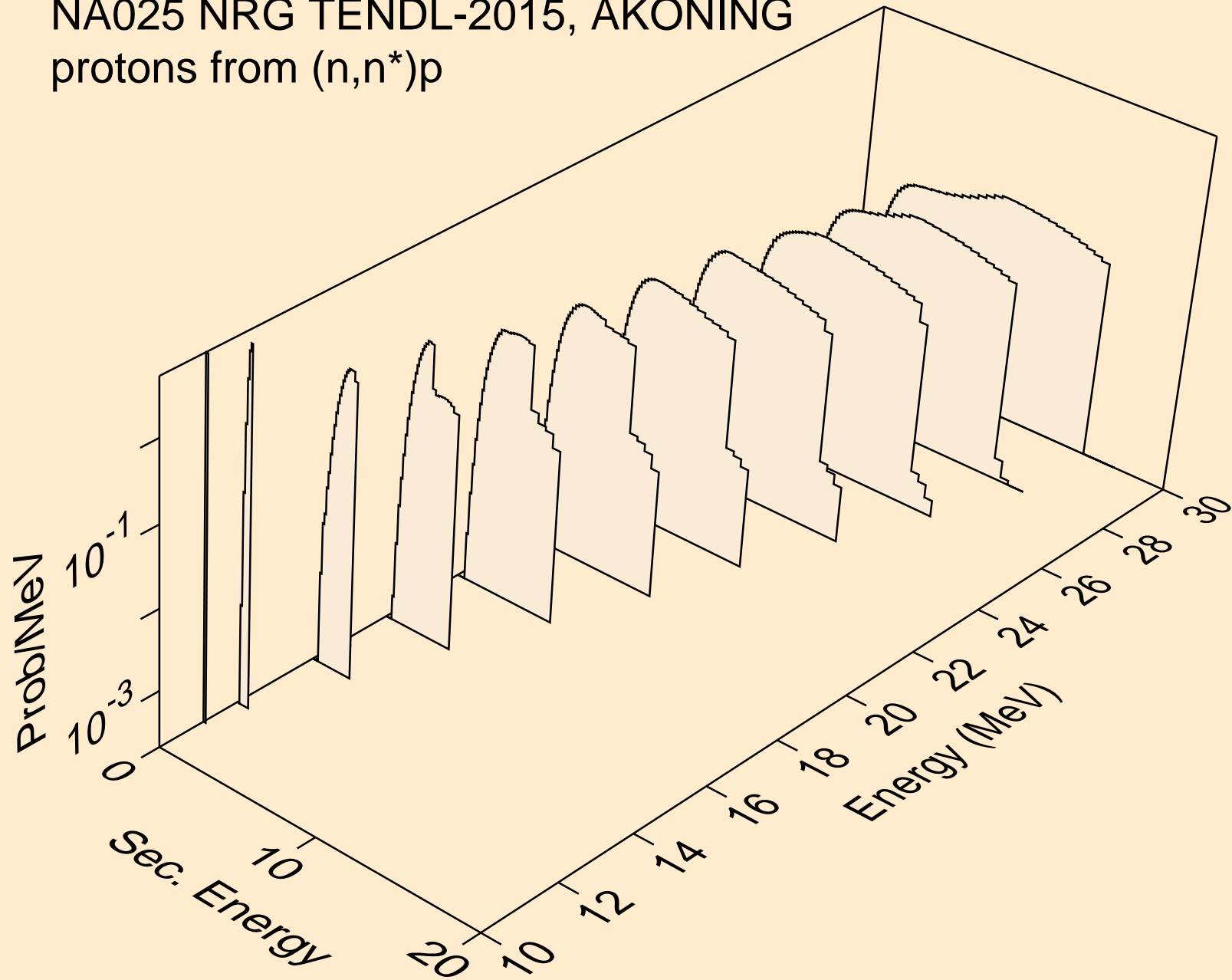
## Particle production cross sections



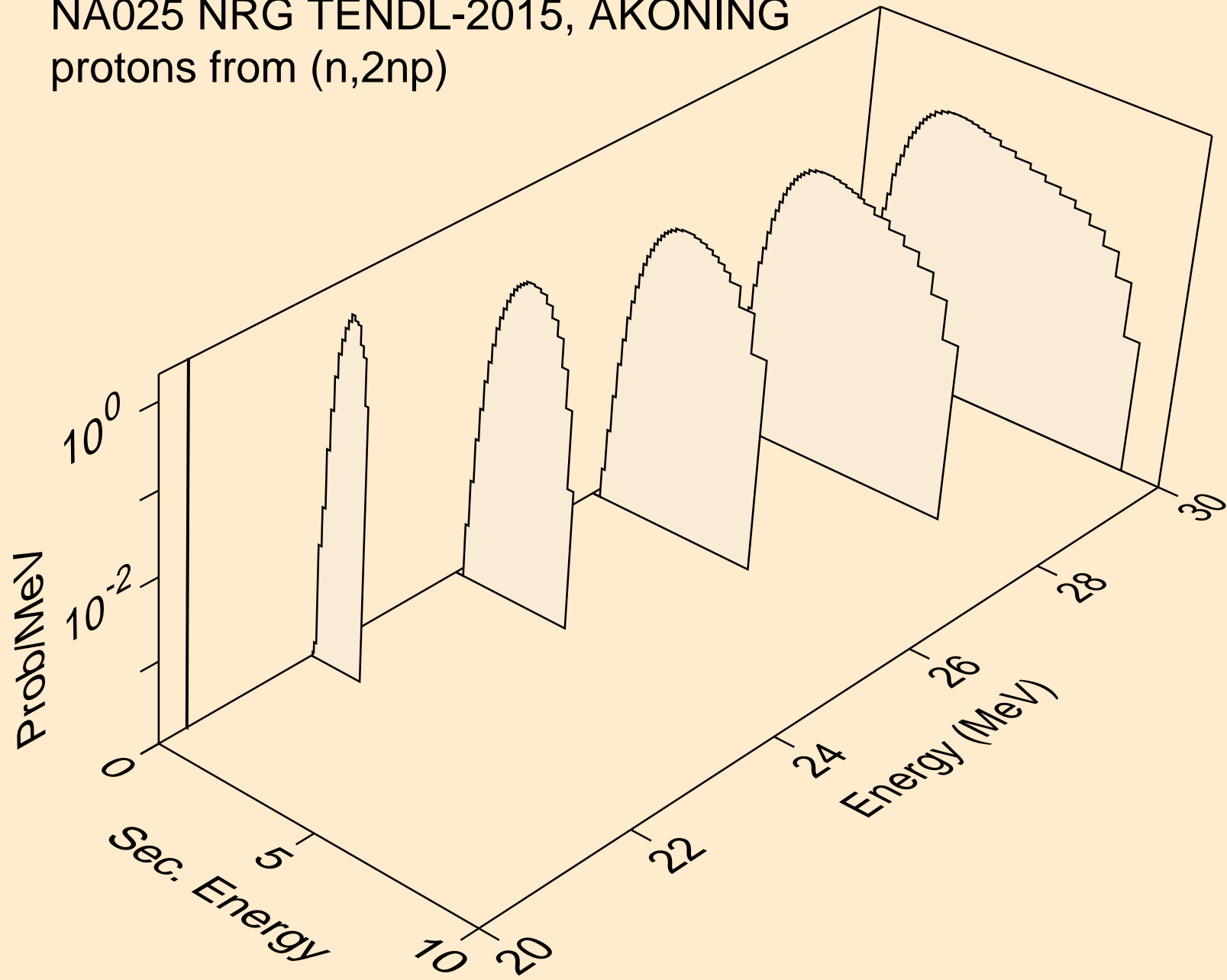
NA025 NRG TENDL-2015, AKONING  
protons from (n,x)



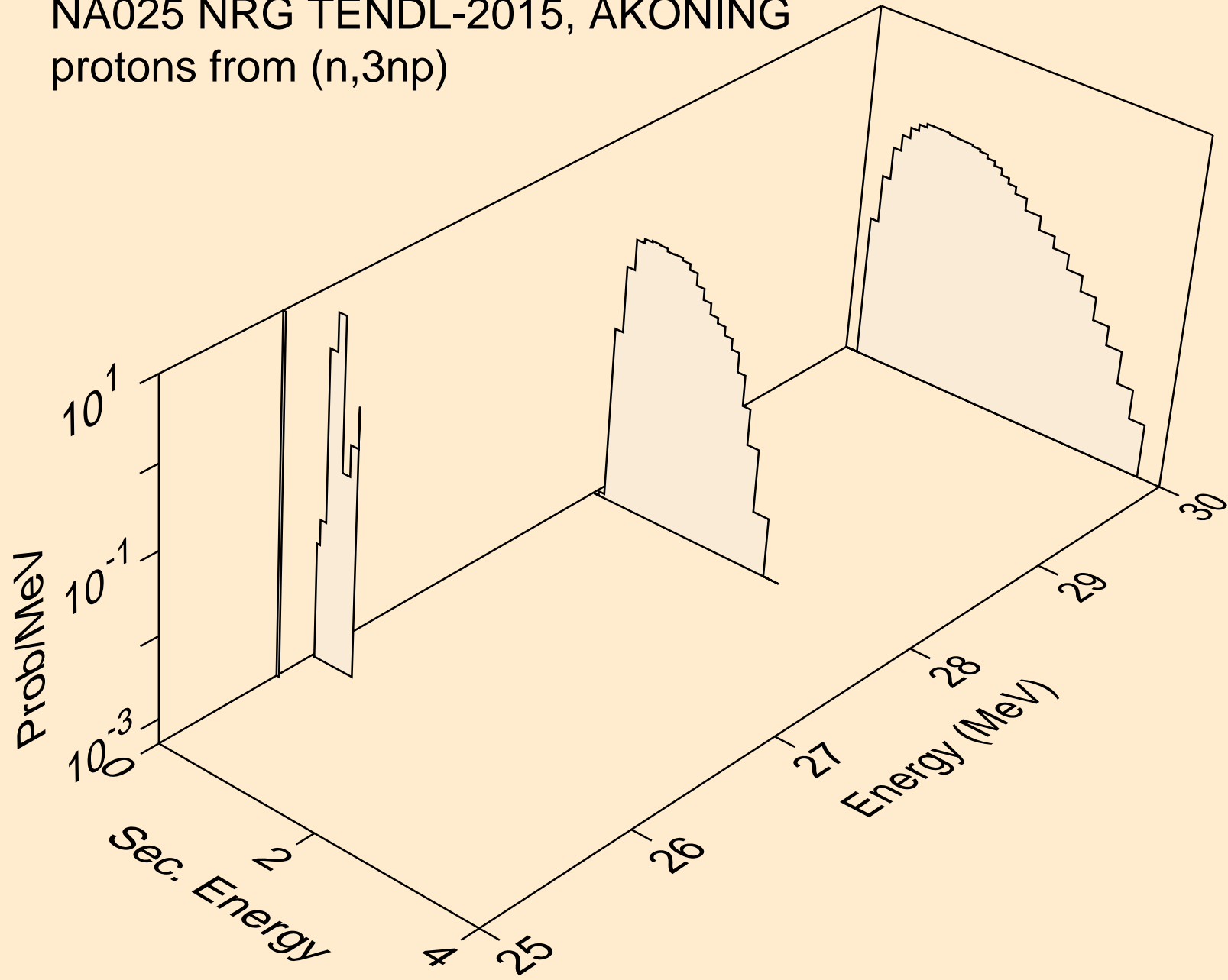
NA025 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



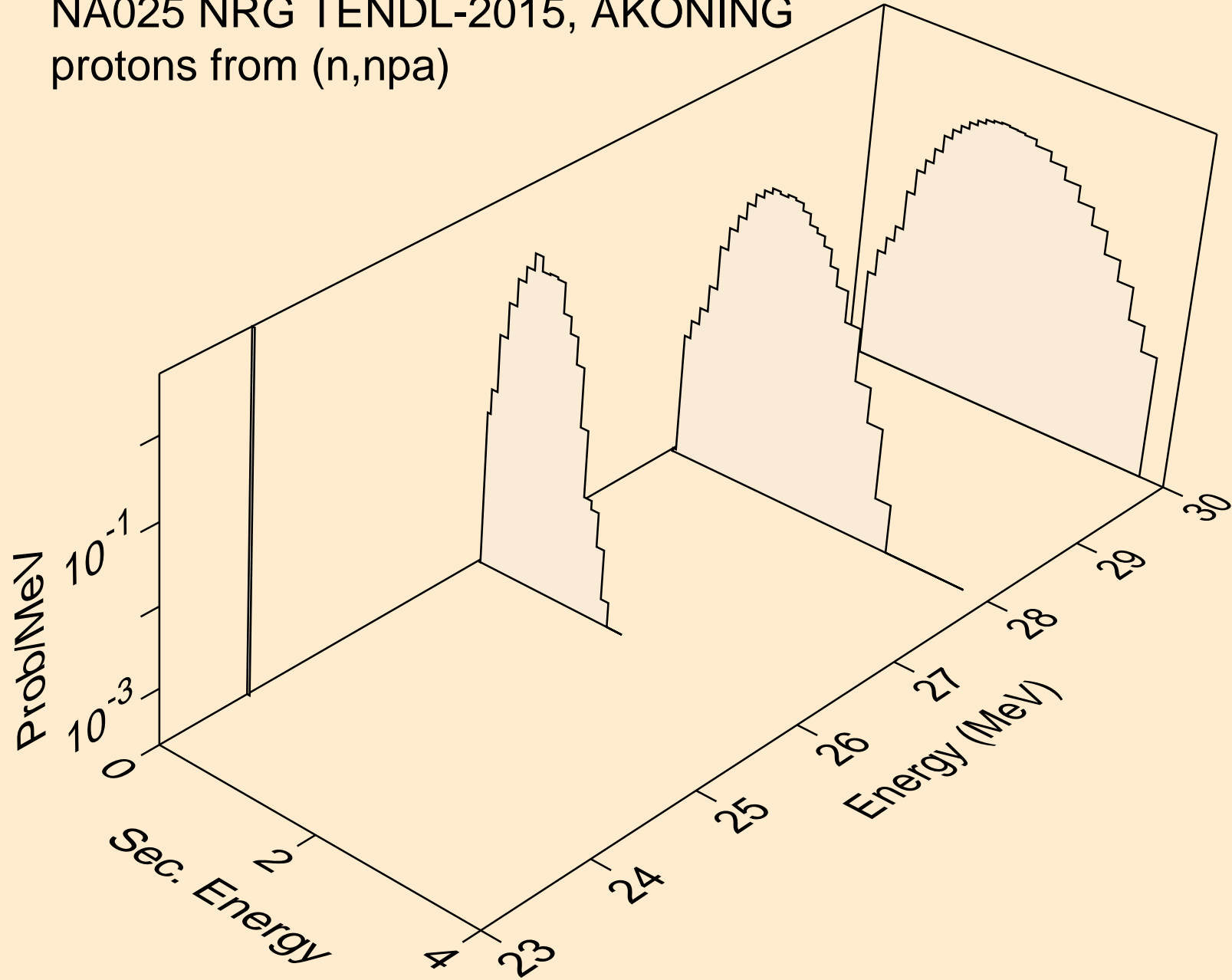
NA025 NRG TENDL-2015, AKONING  
protons from (n,2np)



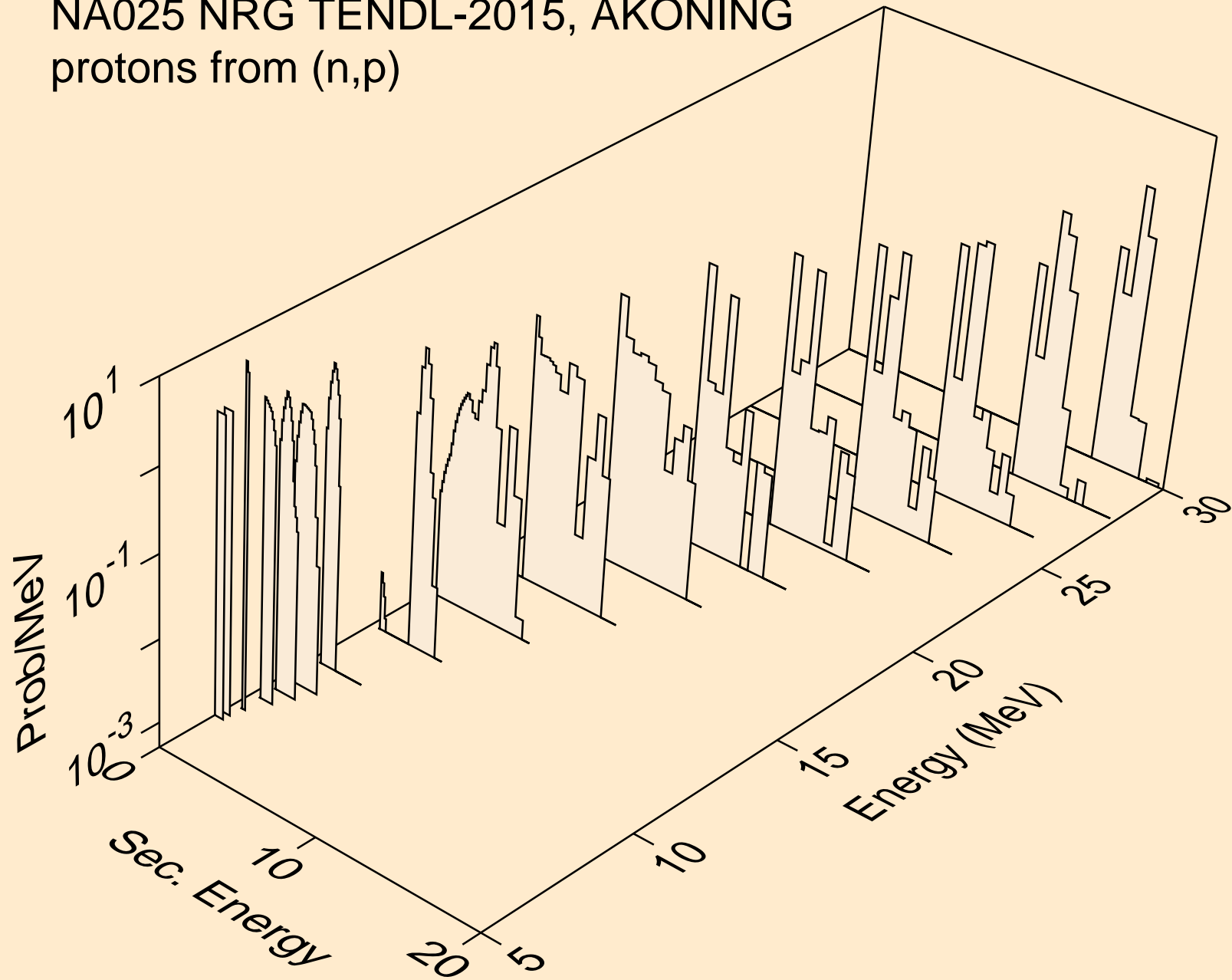
NA025 NRG TENDL-2015, AKONING  
protons from (n,3np)



NA025 NRG TENDL-2015, AKONING  
protons from (n,npa)

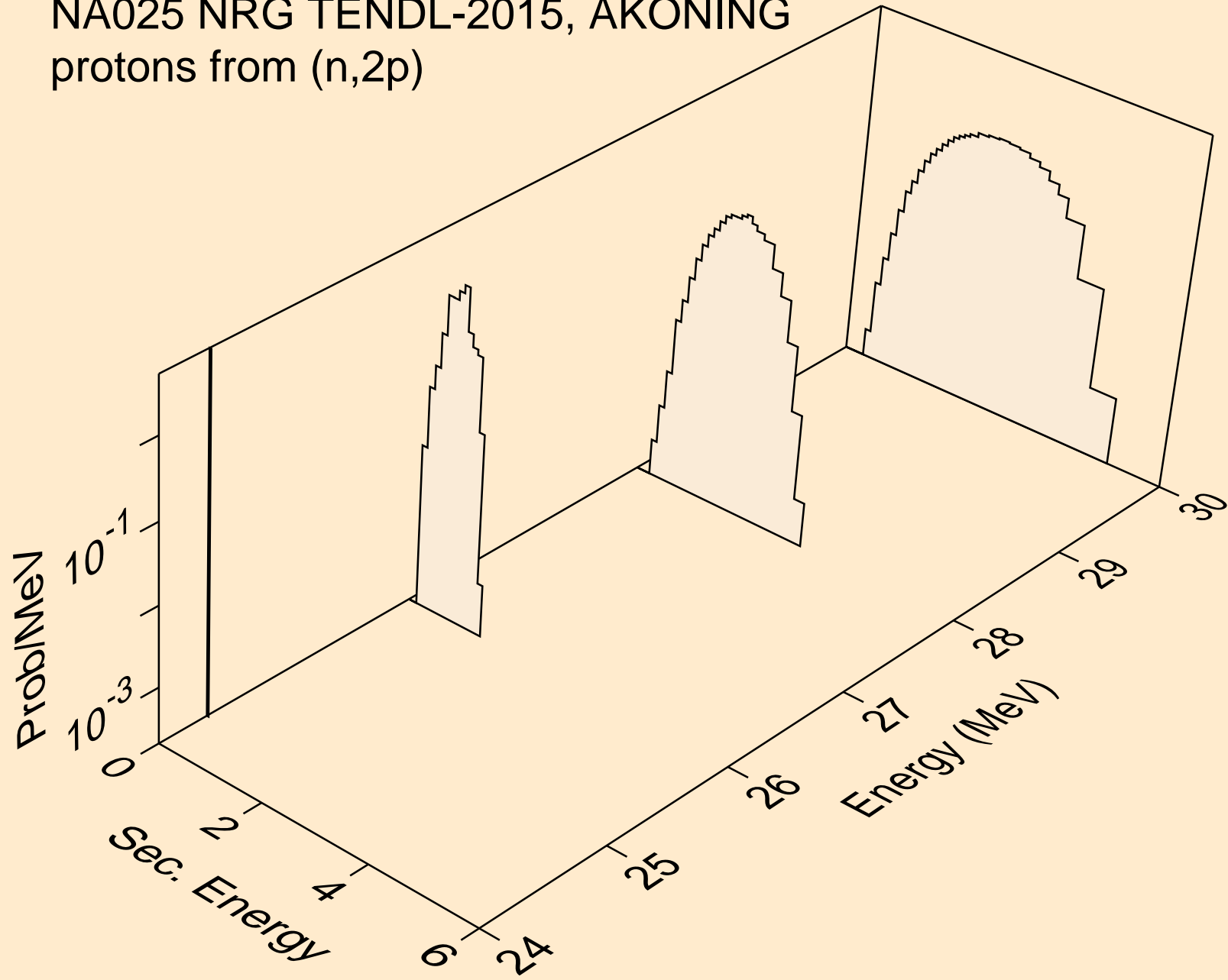


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protons from (n,p)

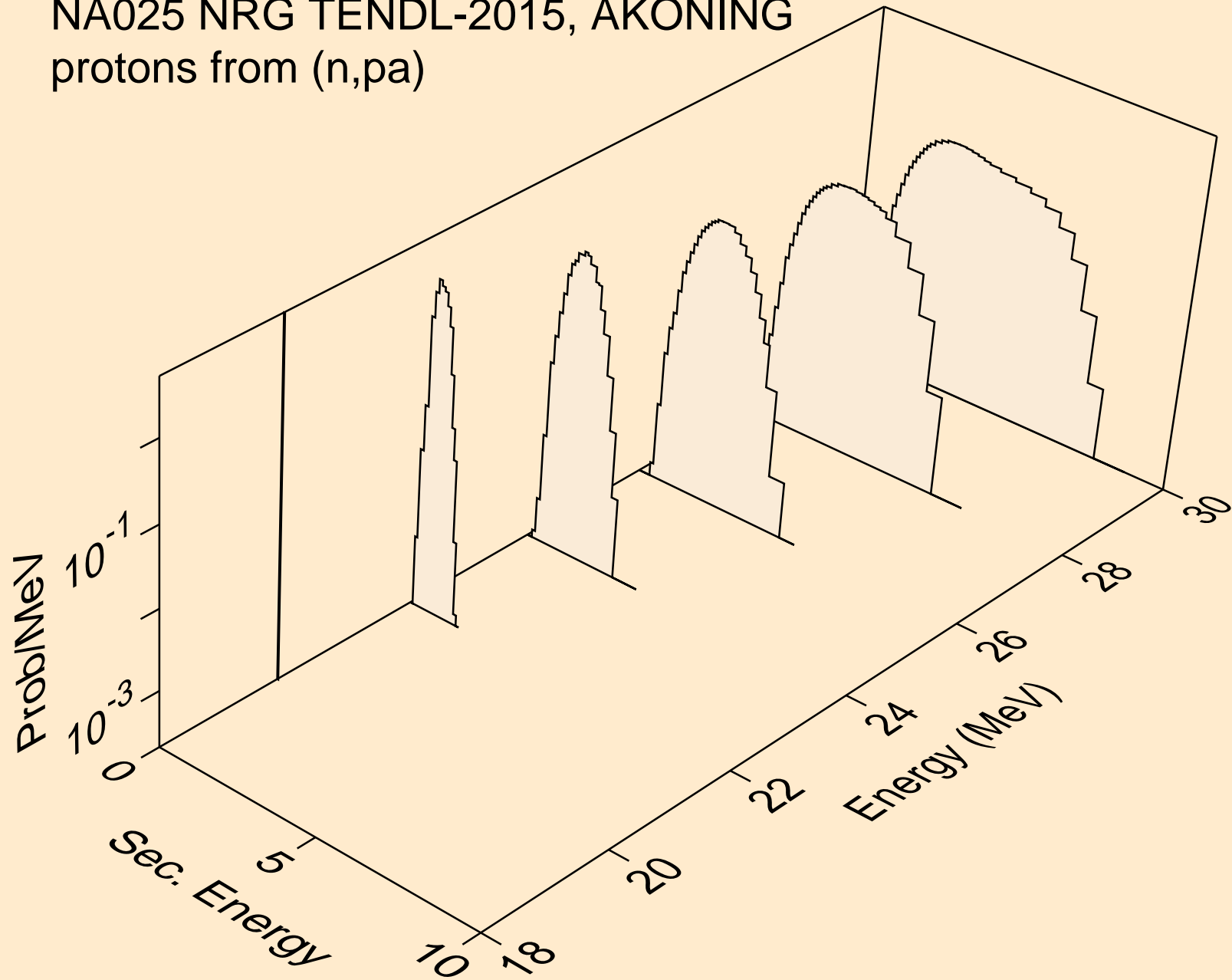




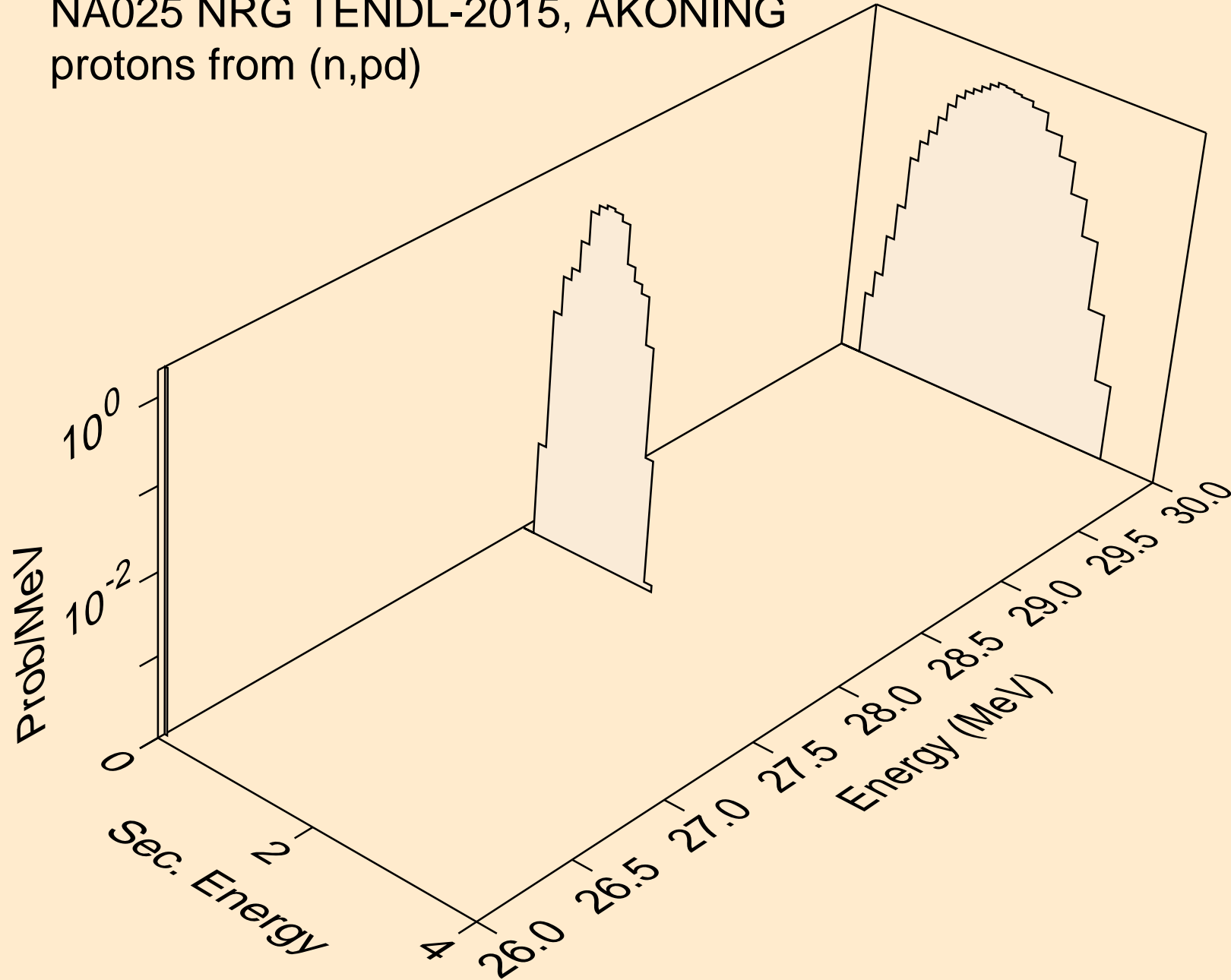
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protons from (n,2p)



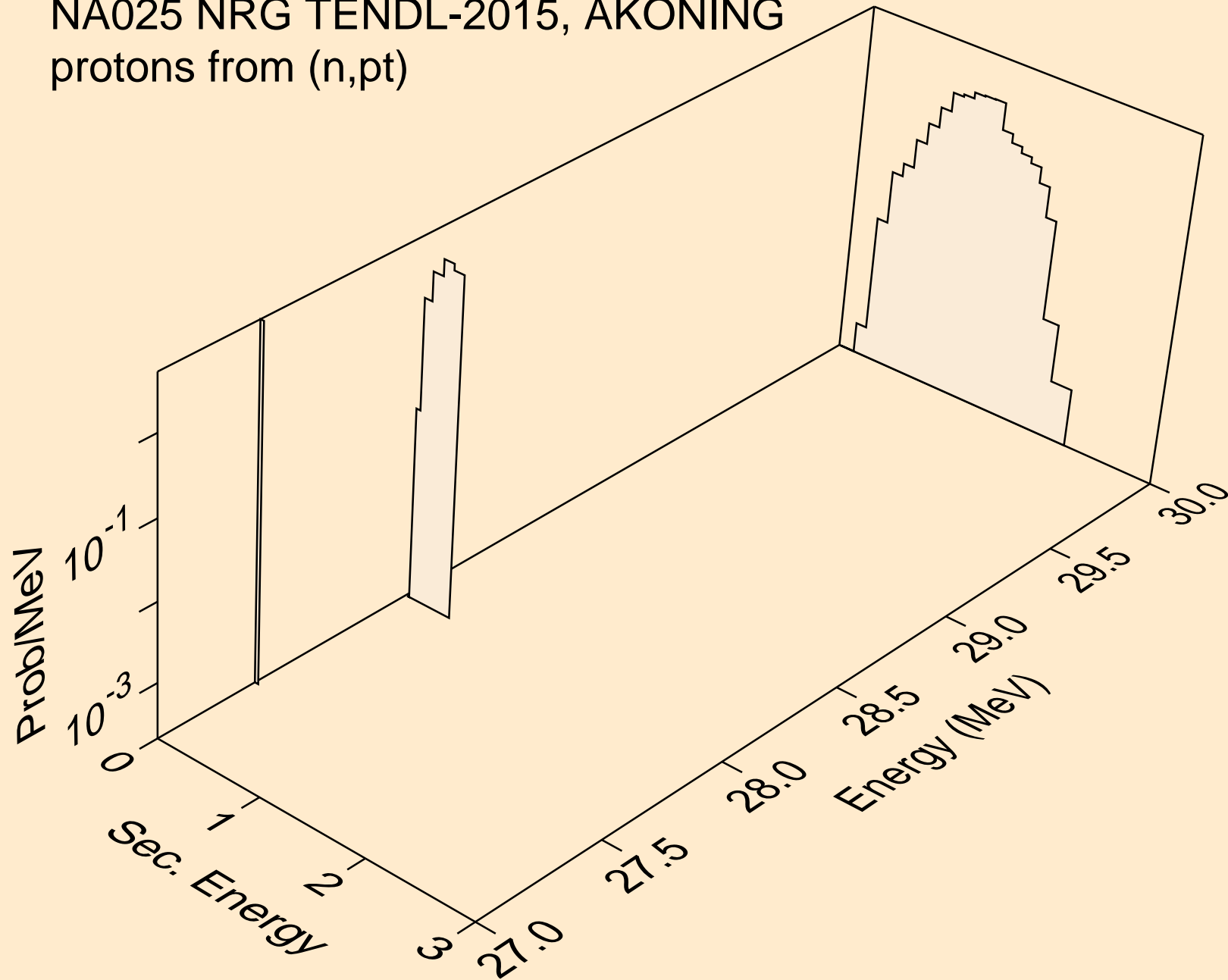
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protons from (n,pa)



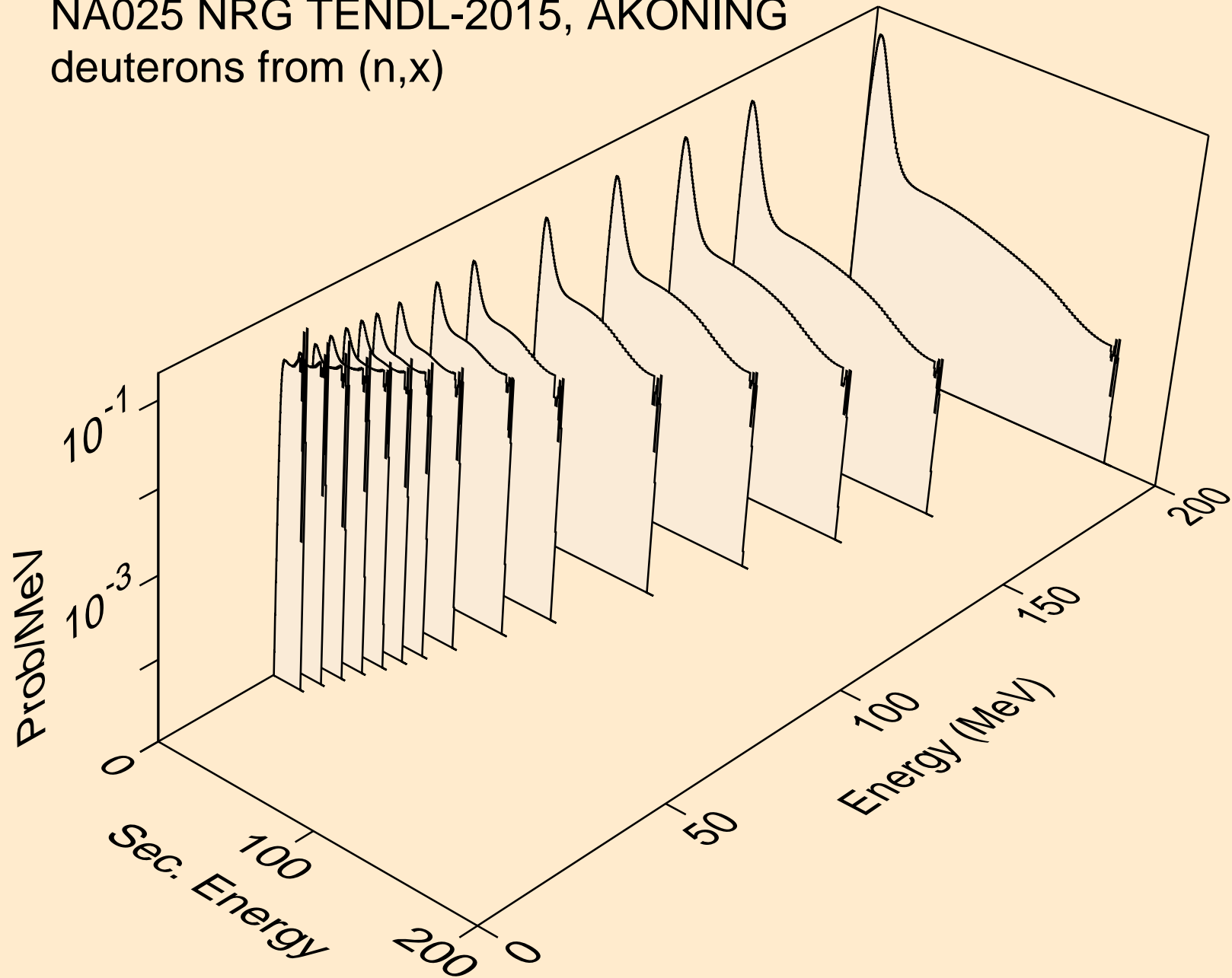
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protons from (n,pd)



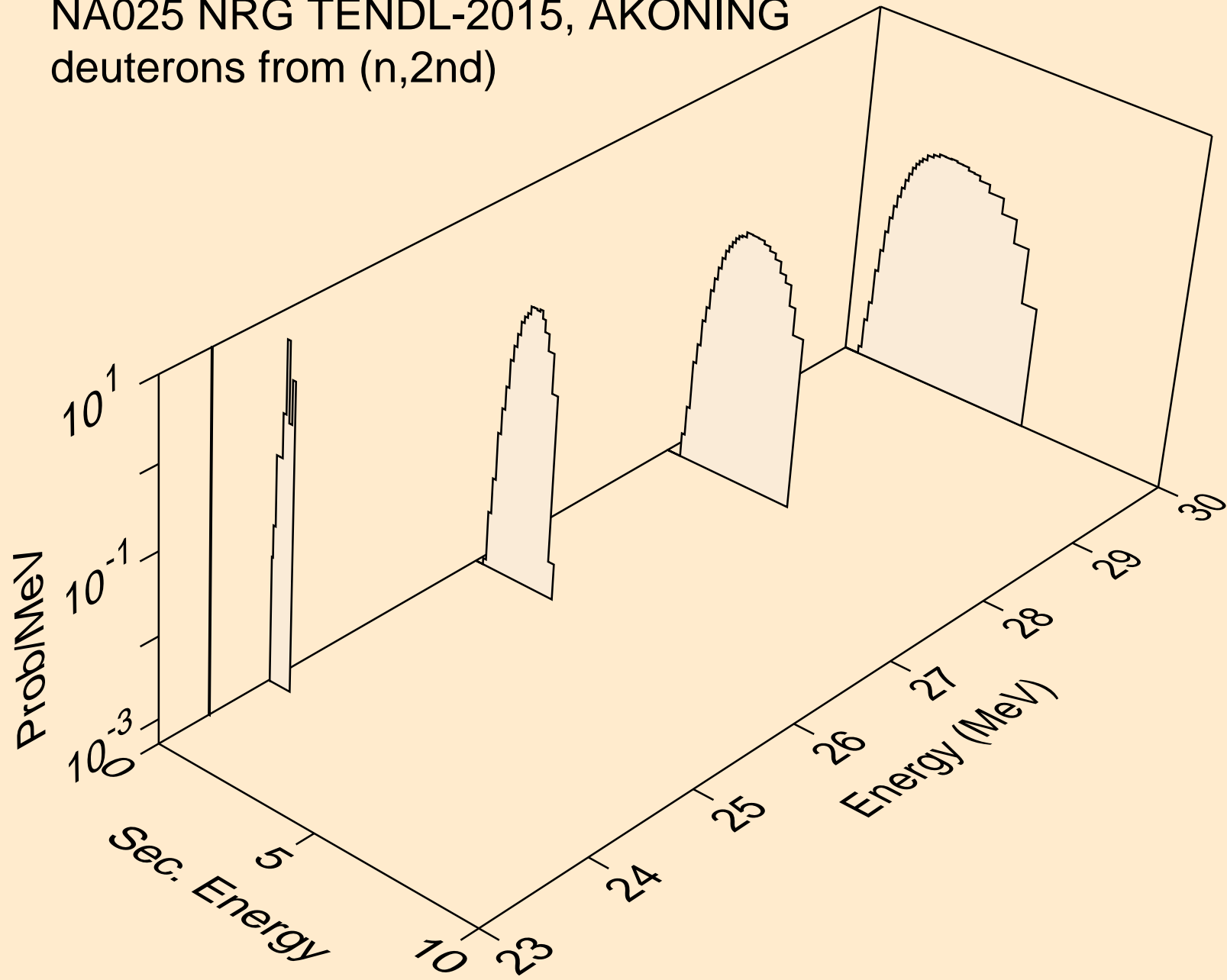
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protons from (n,pt)



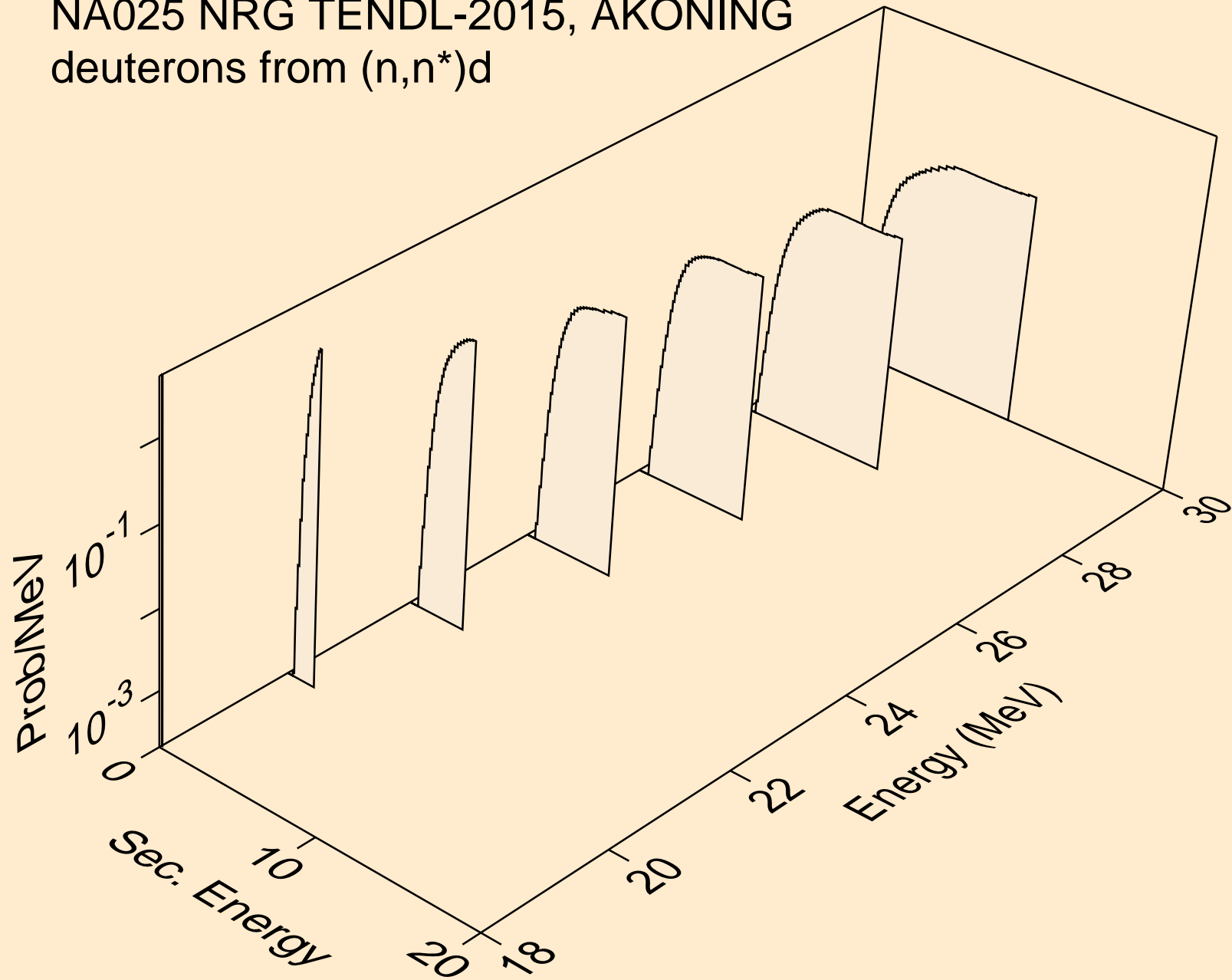
NA025 NRG TENDL-2015, AKONING  
deuterons from (n,x)



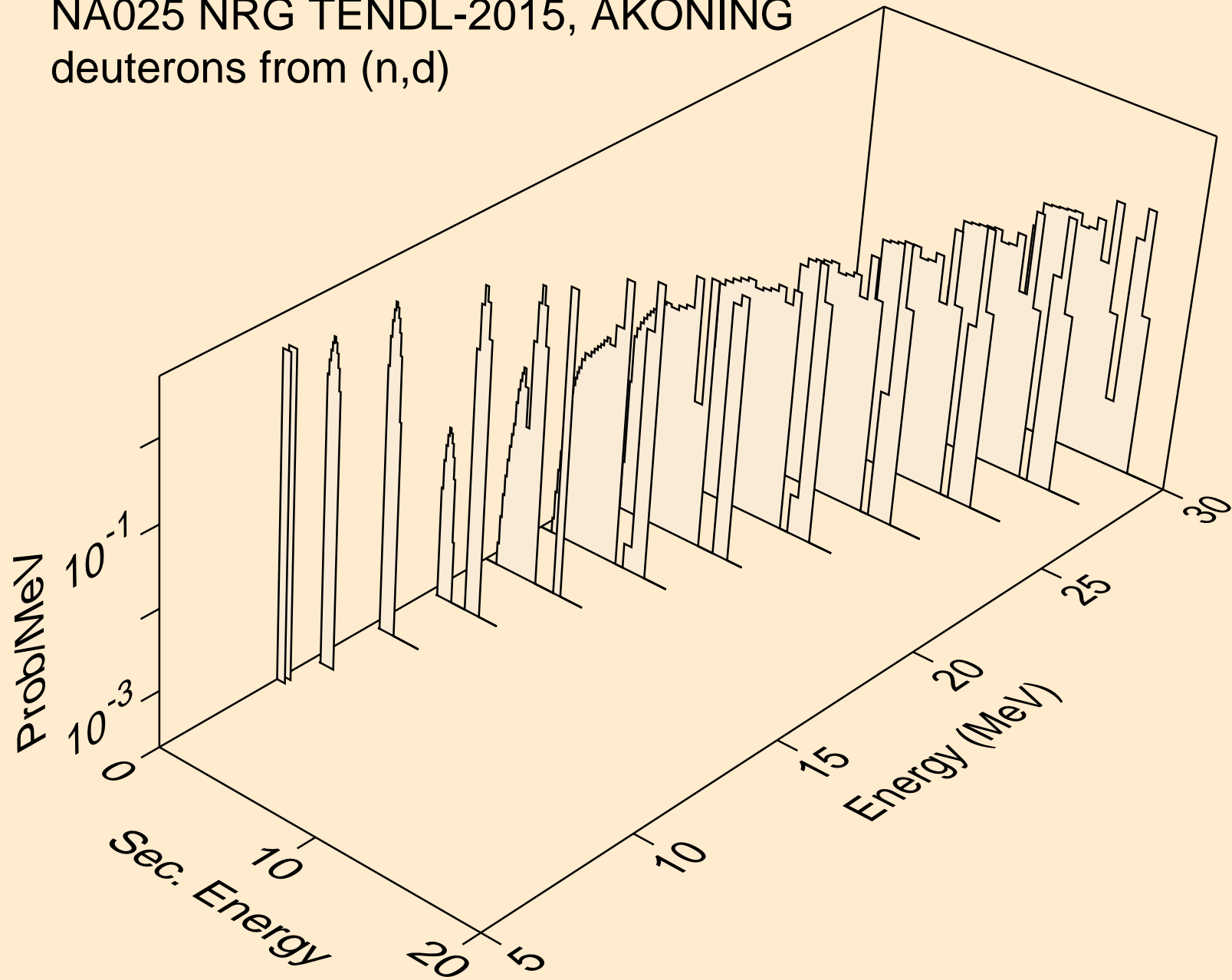
NA025 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



NA025 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

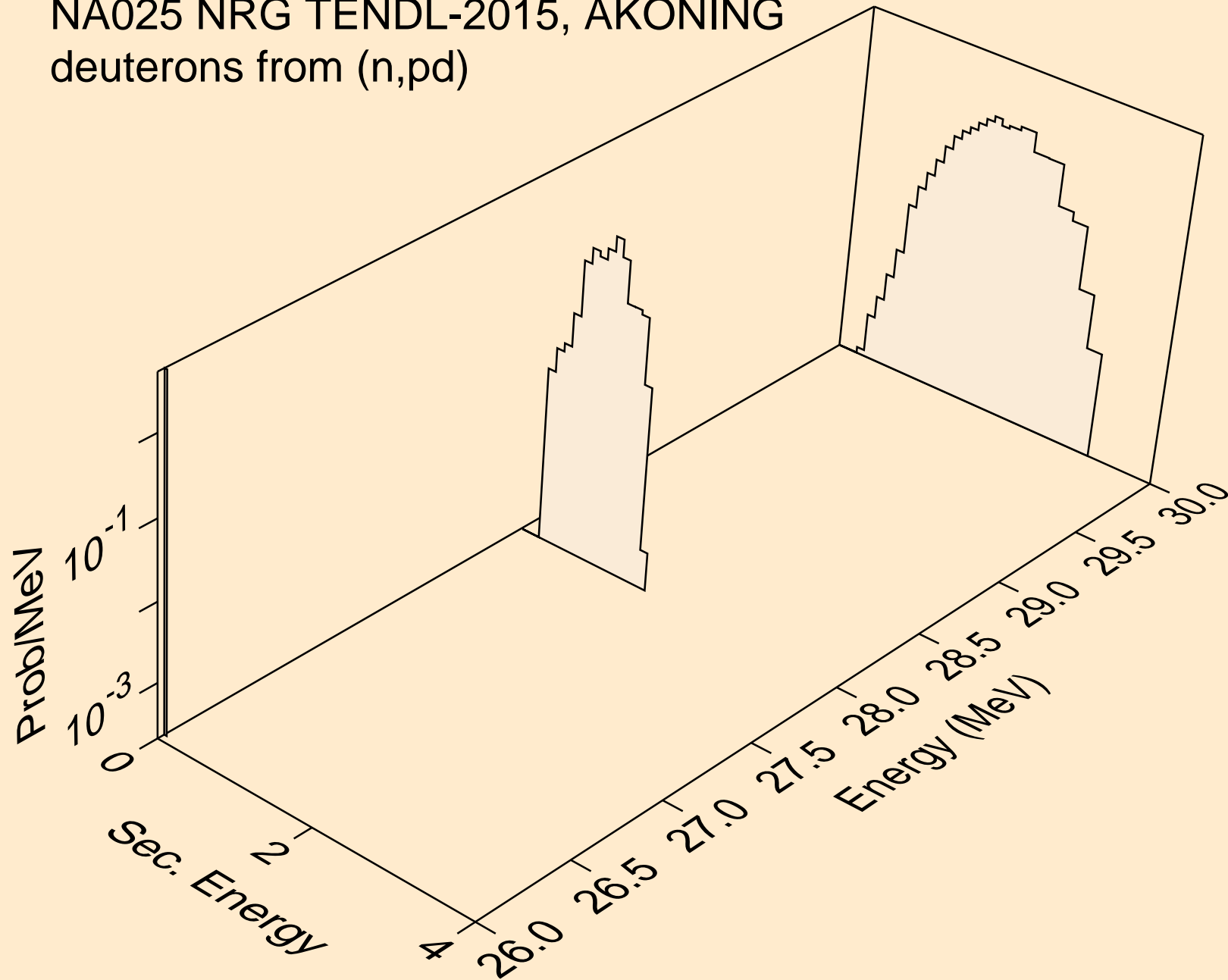


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deuterons from (n,d)

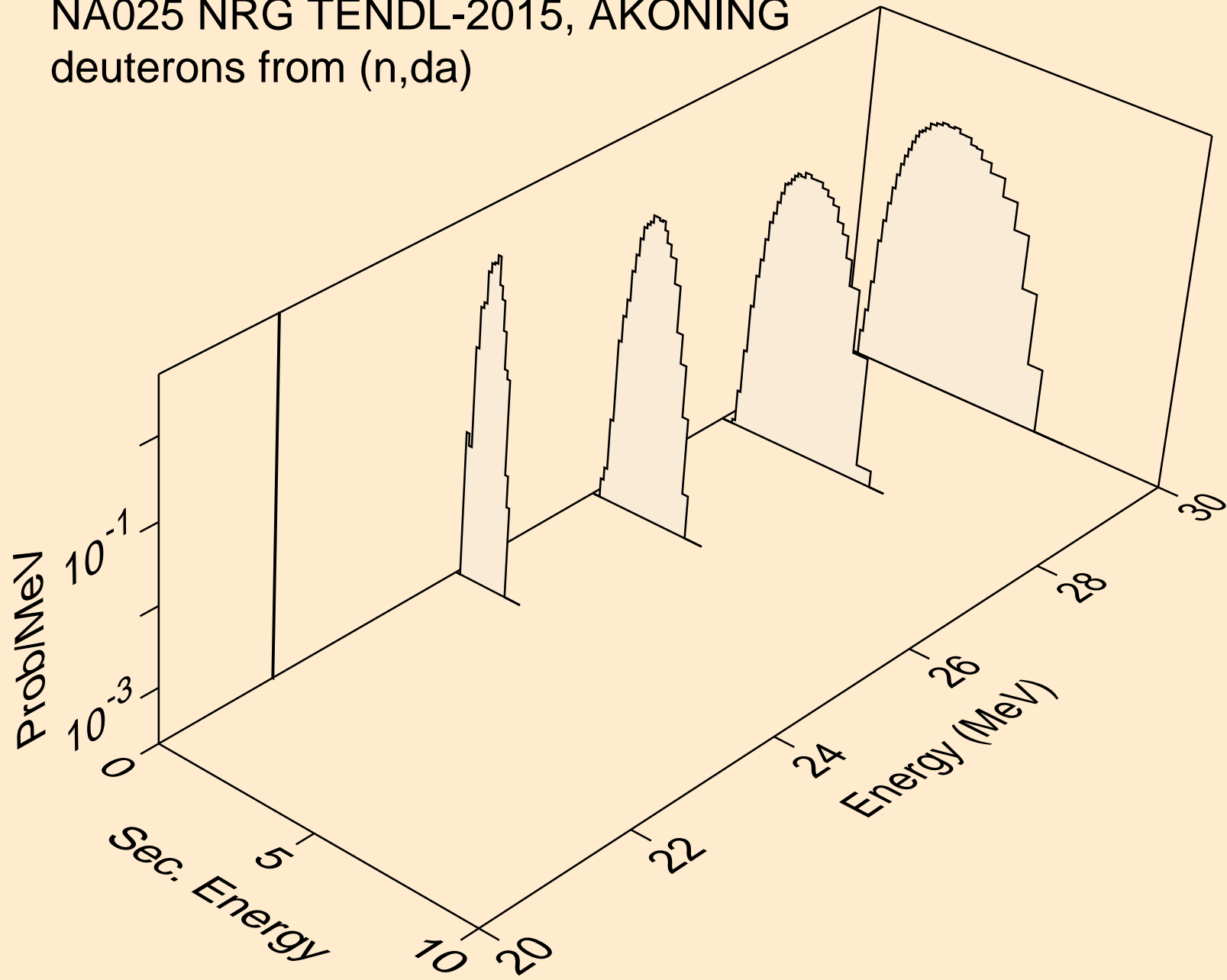




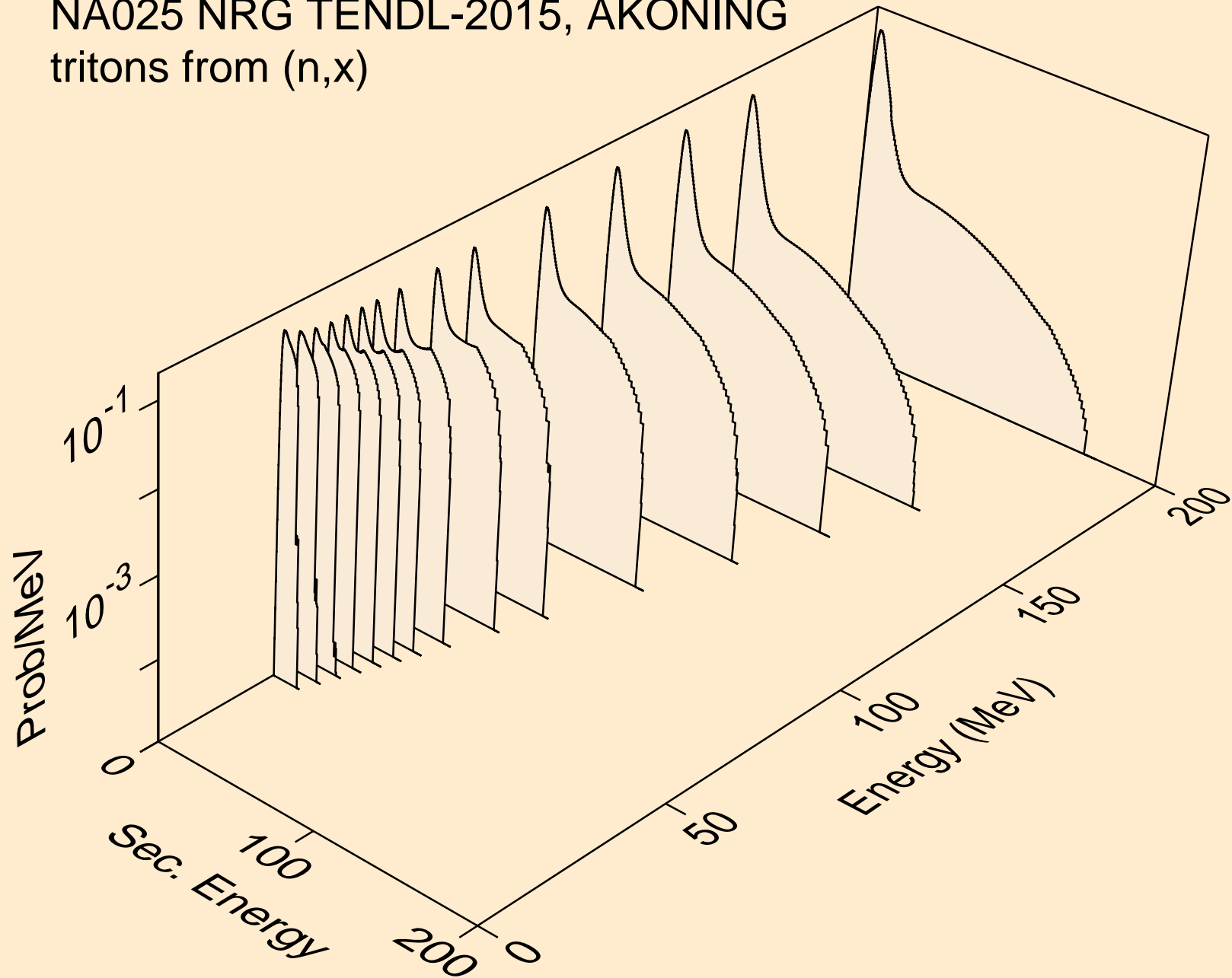
NA025 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



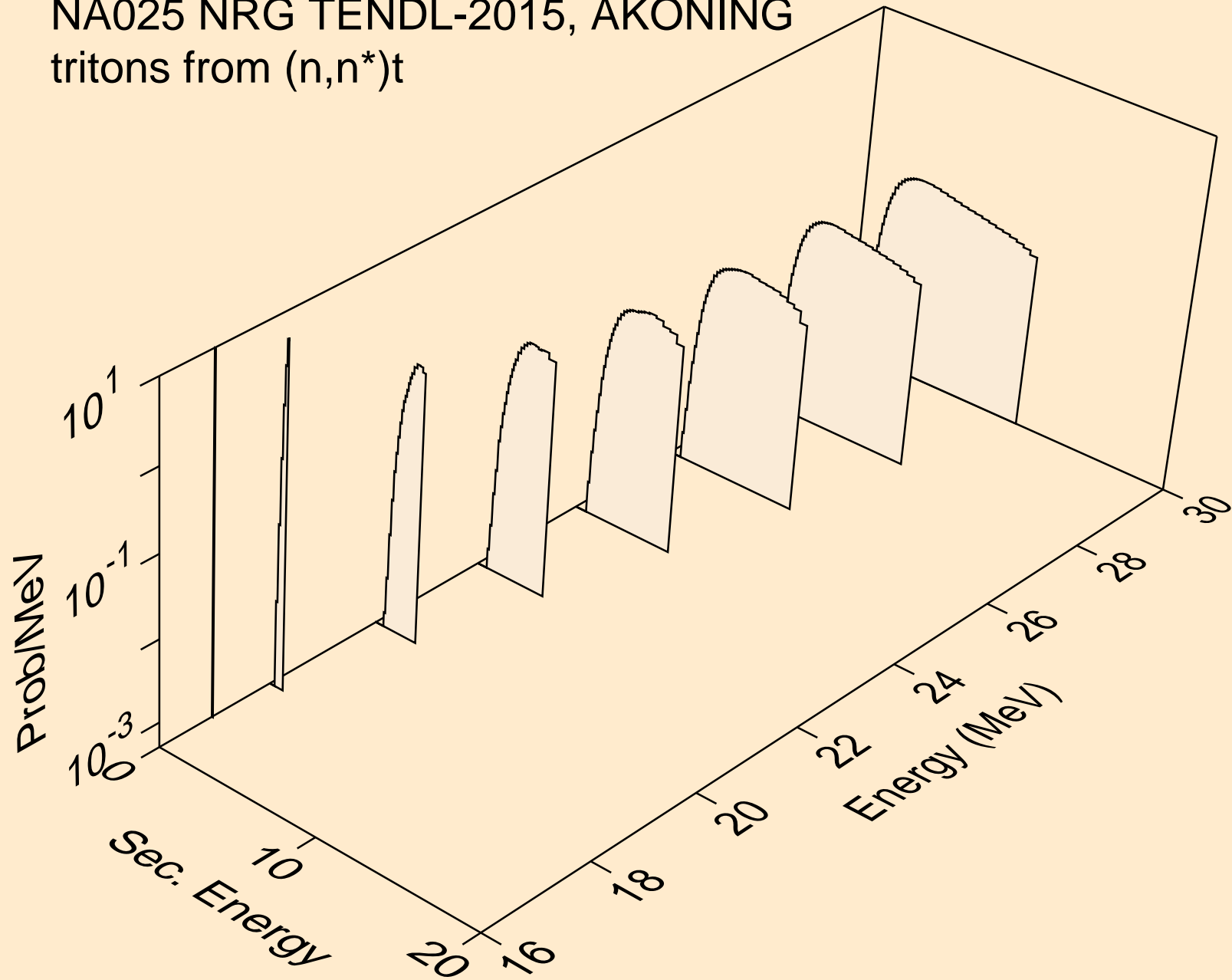
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deuterons from (n,da)



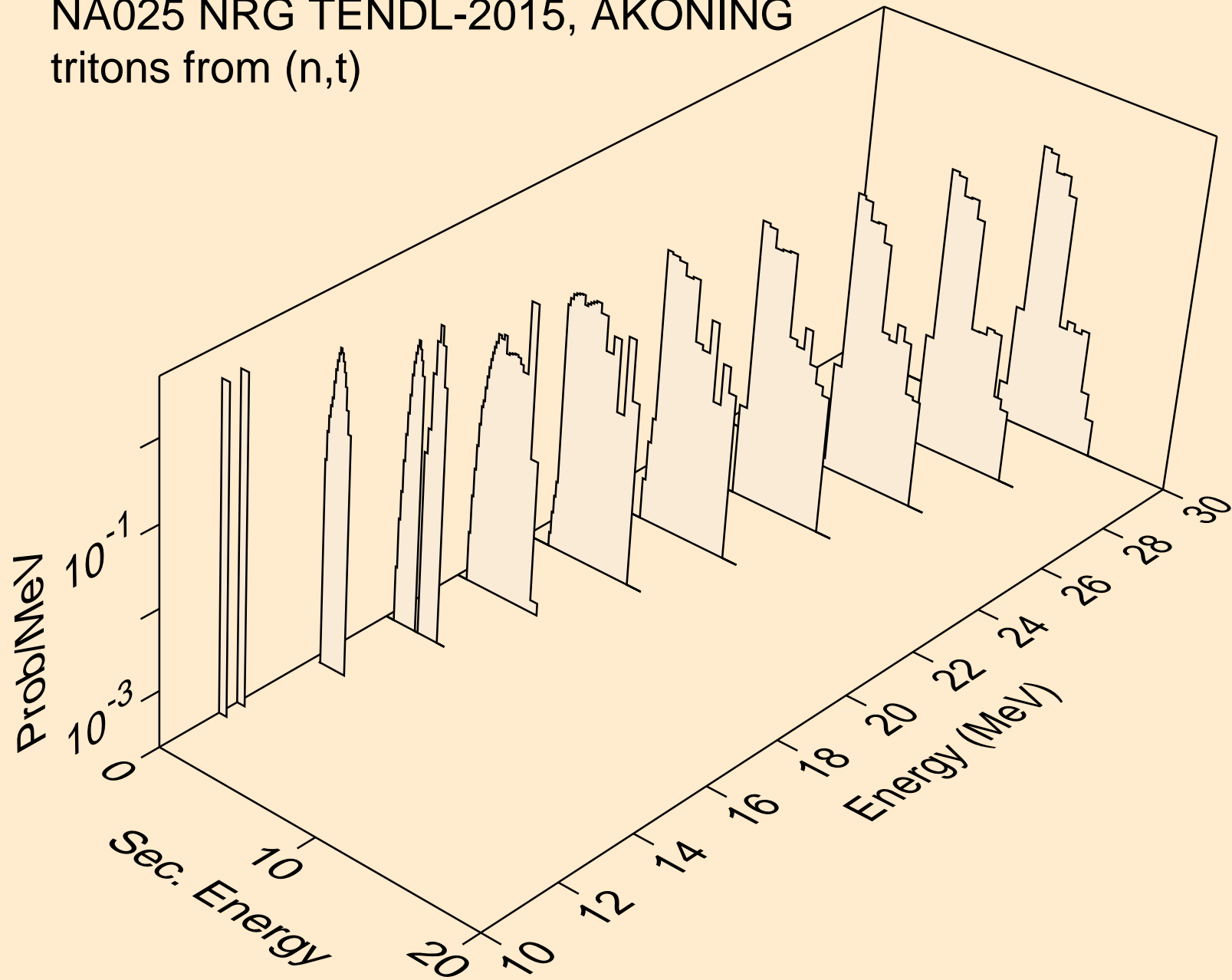
NA025 NRG TENDL-2015, AKONING  
tritons from (n,x)



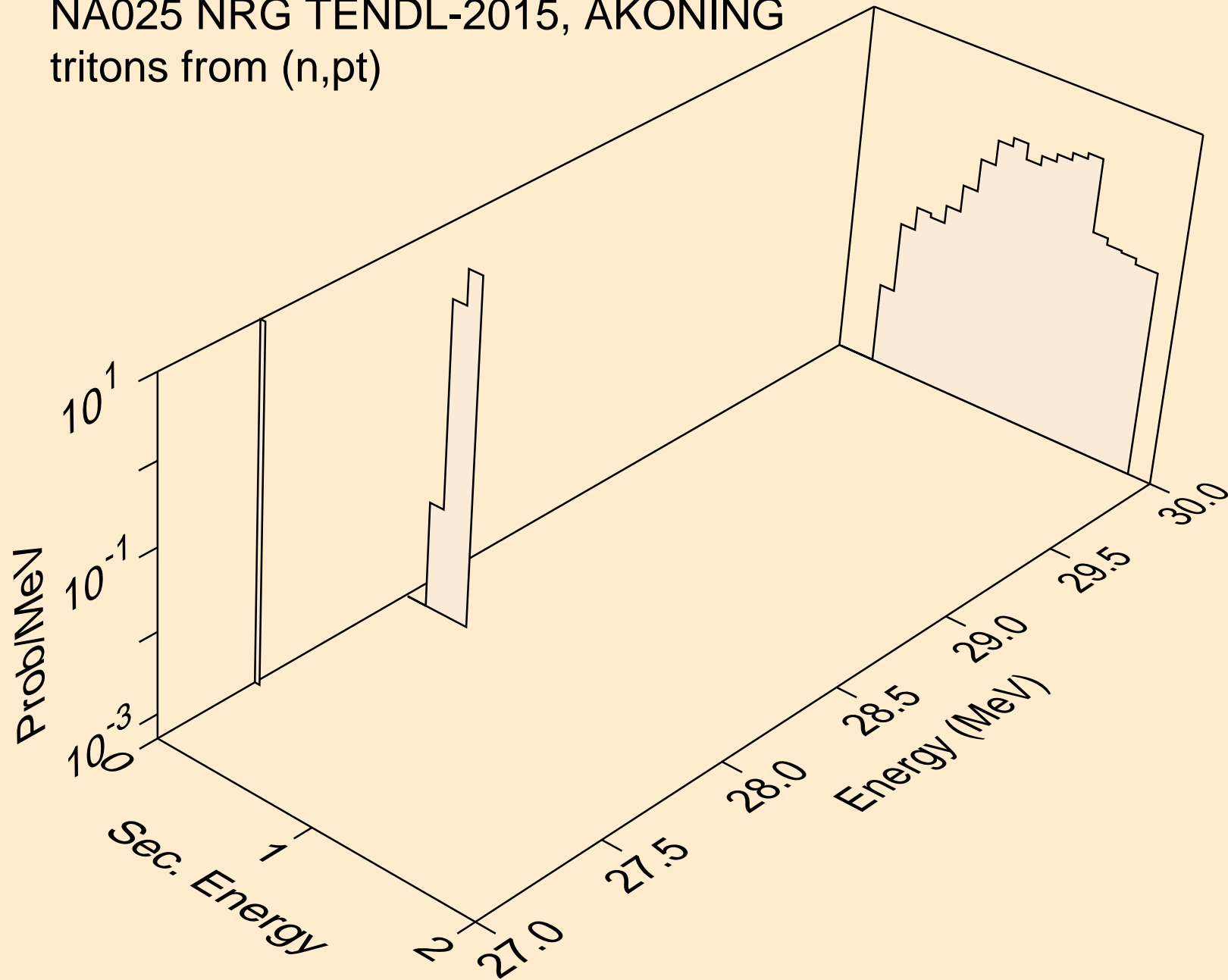
NA025 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



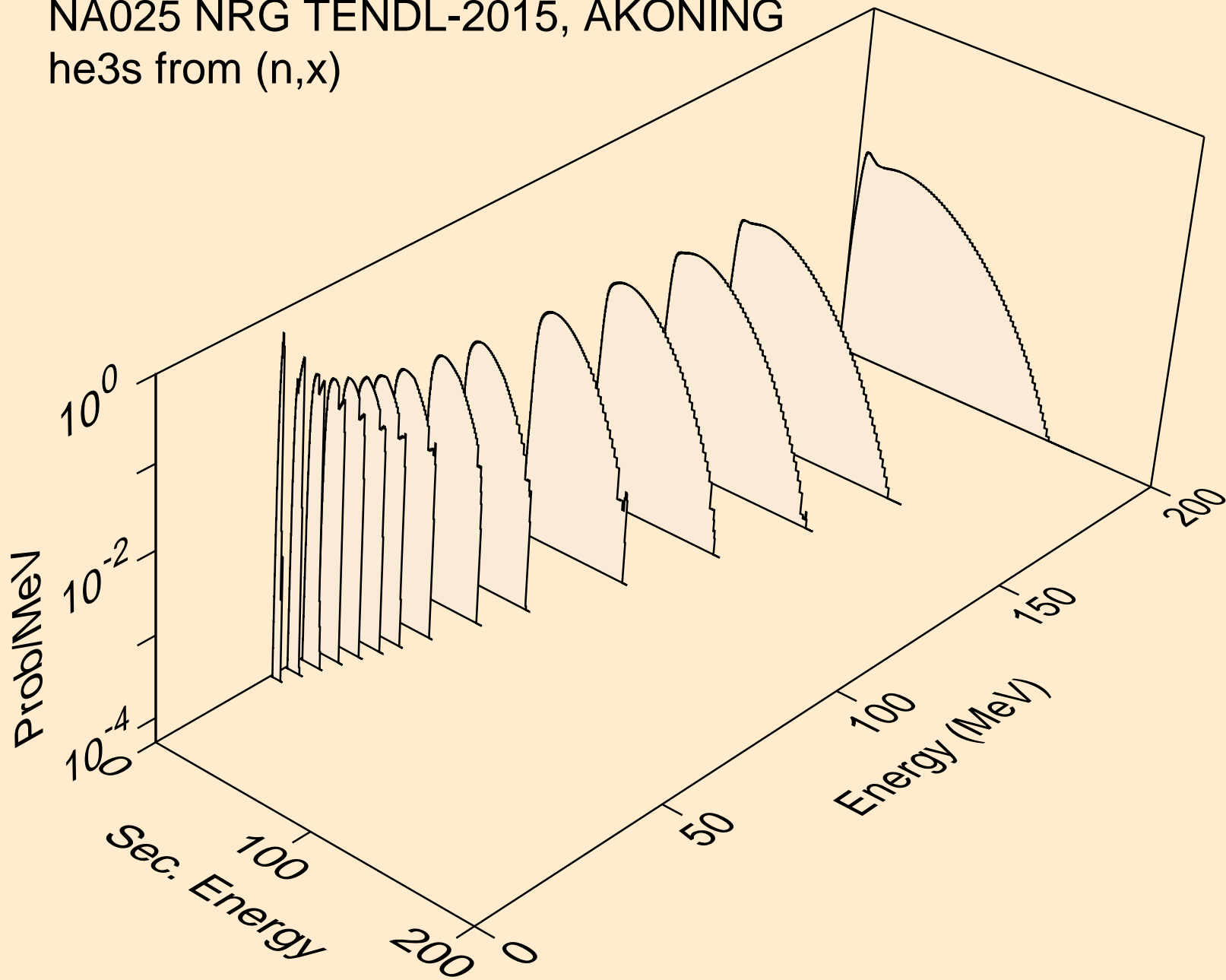
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tritons from (n,t)



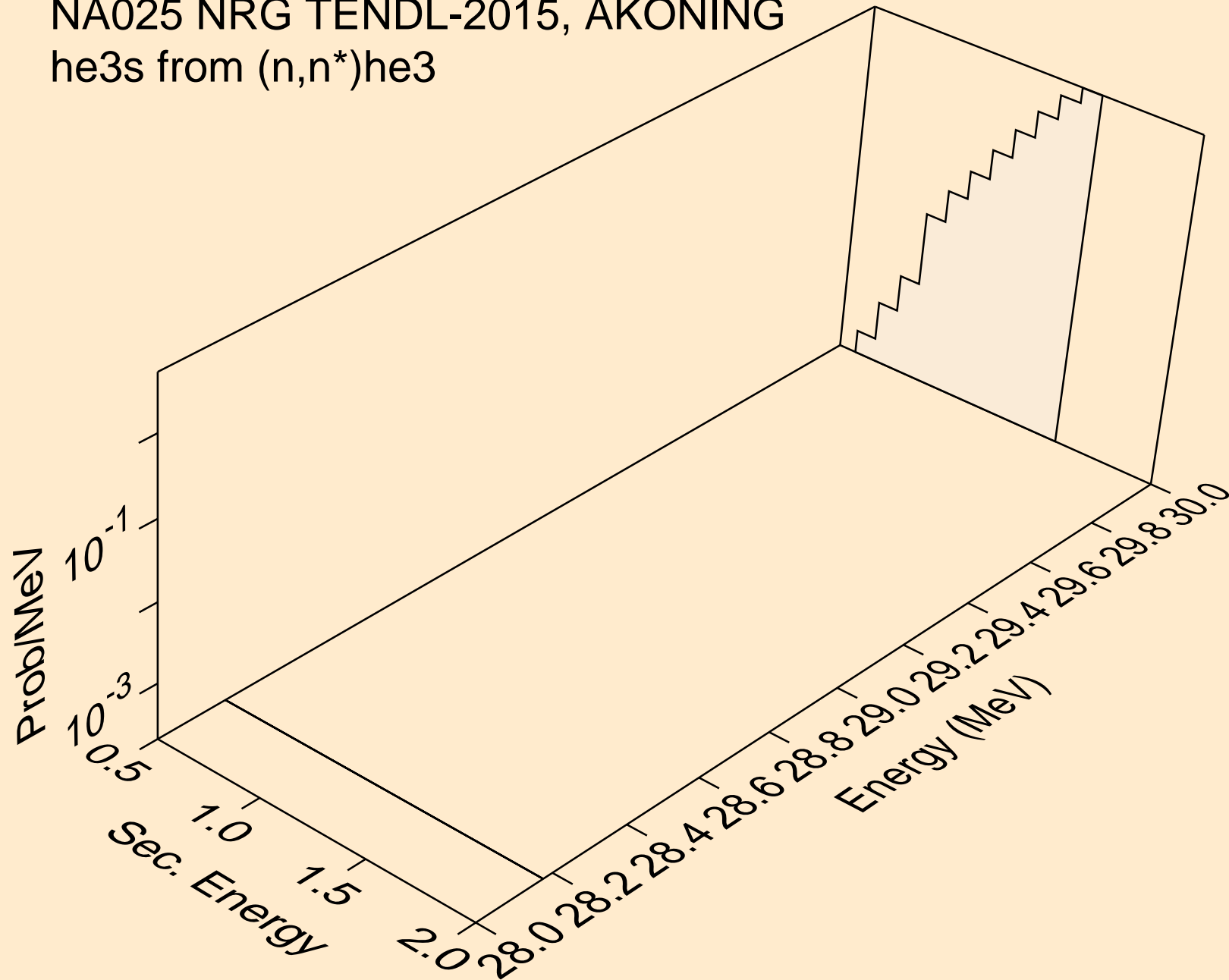
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tritons from (n,pt)



NA025 NRG TENDL-2015, AKONING  
he3s from (n,x)

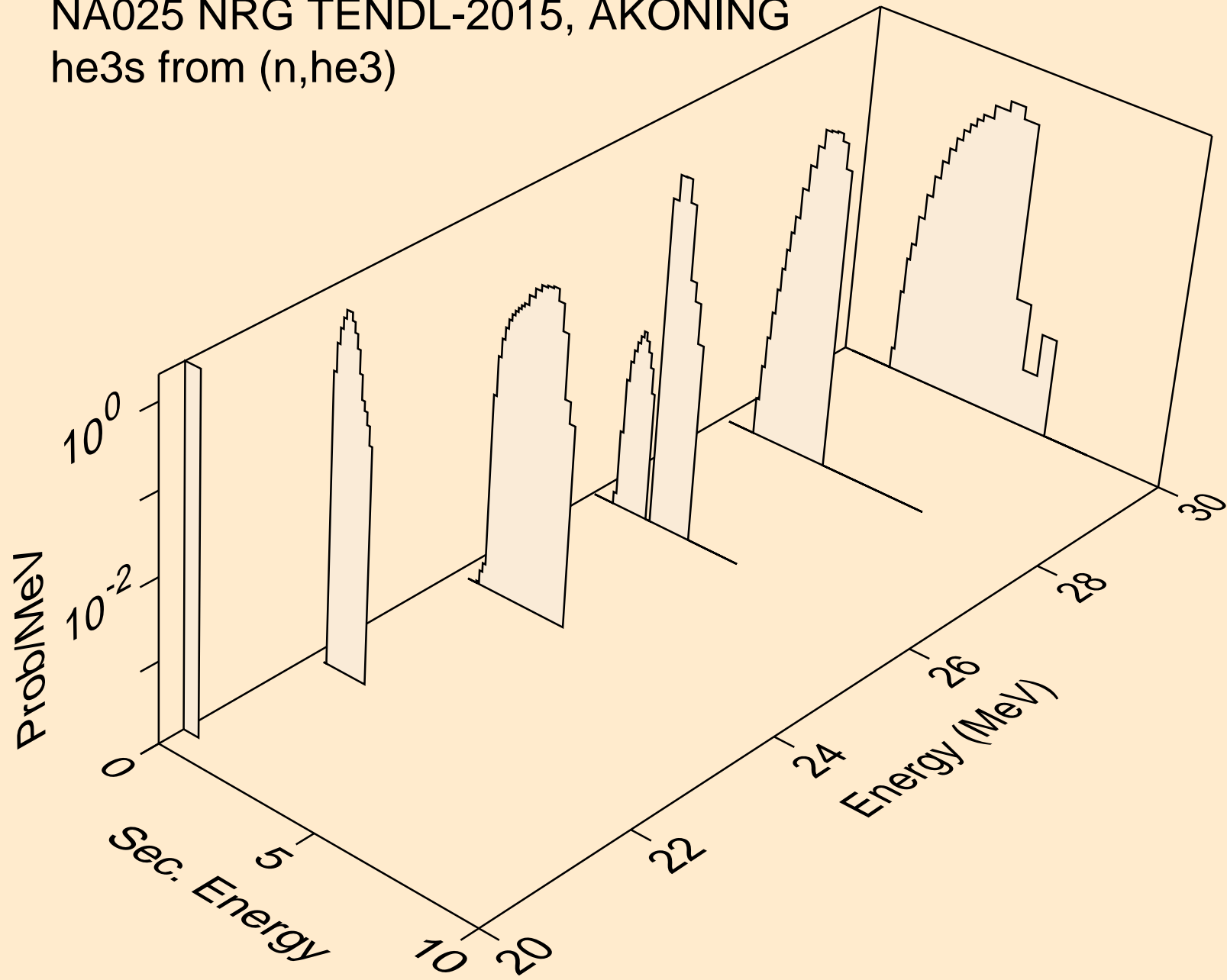


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he3s from (n,n\*)he3

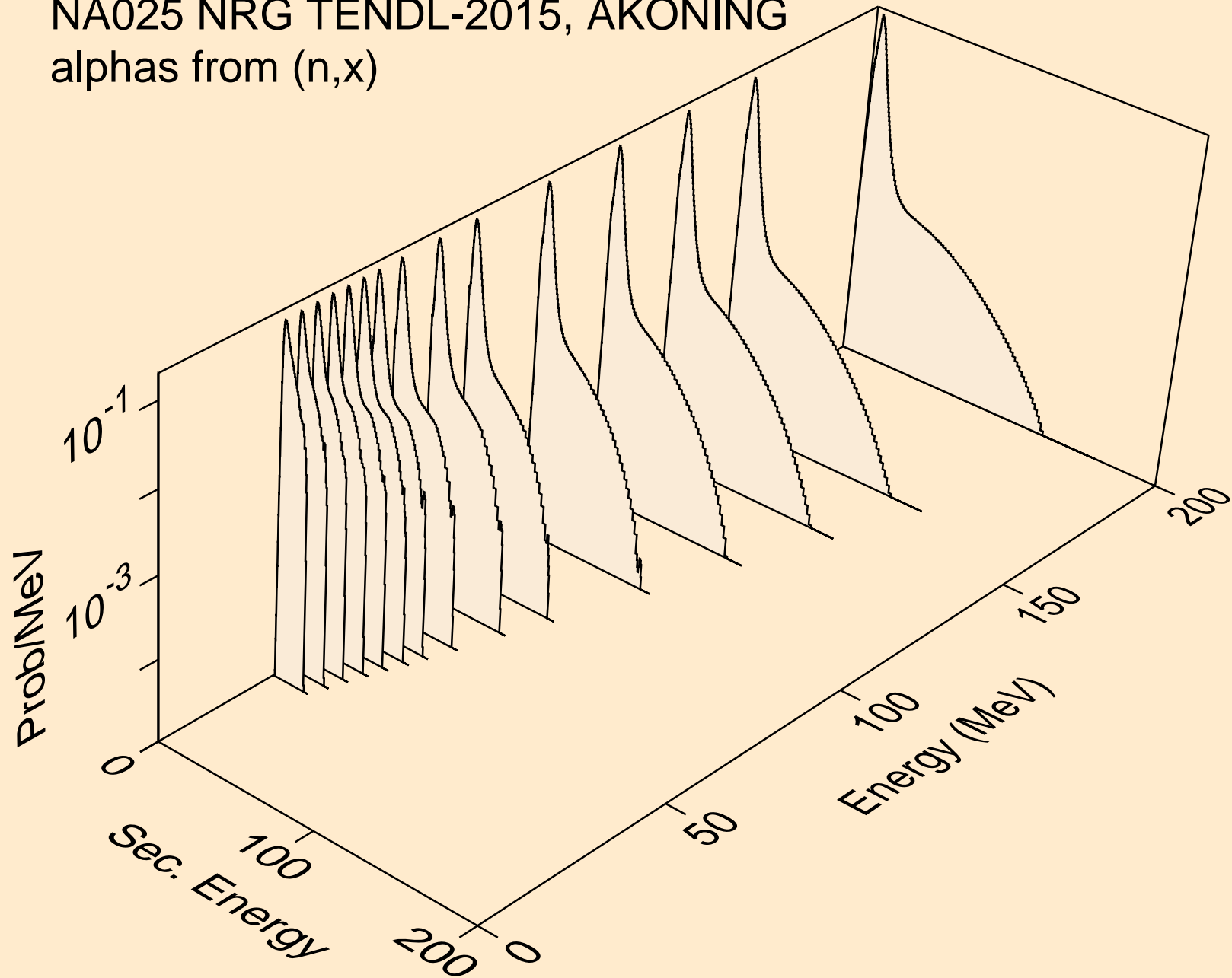




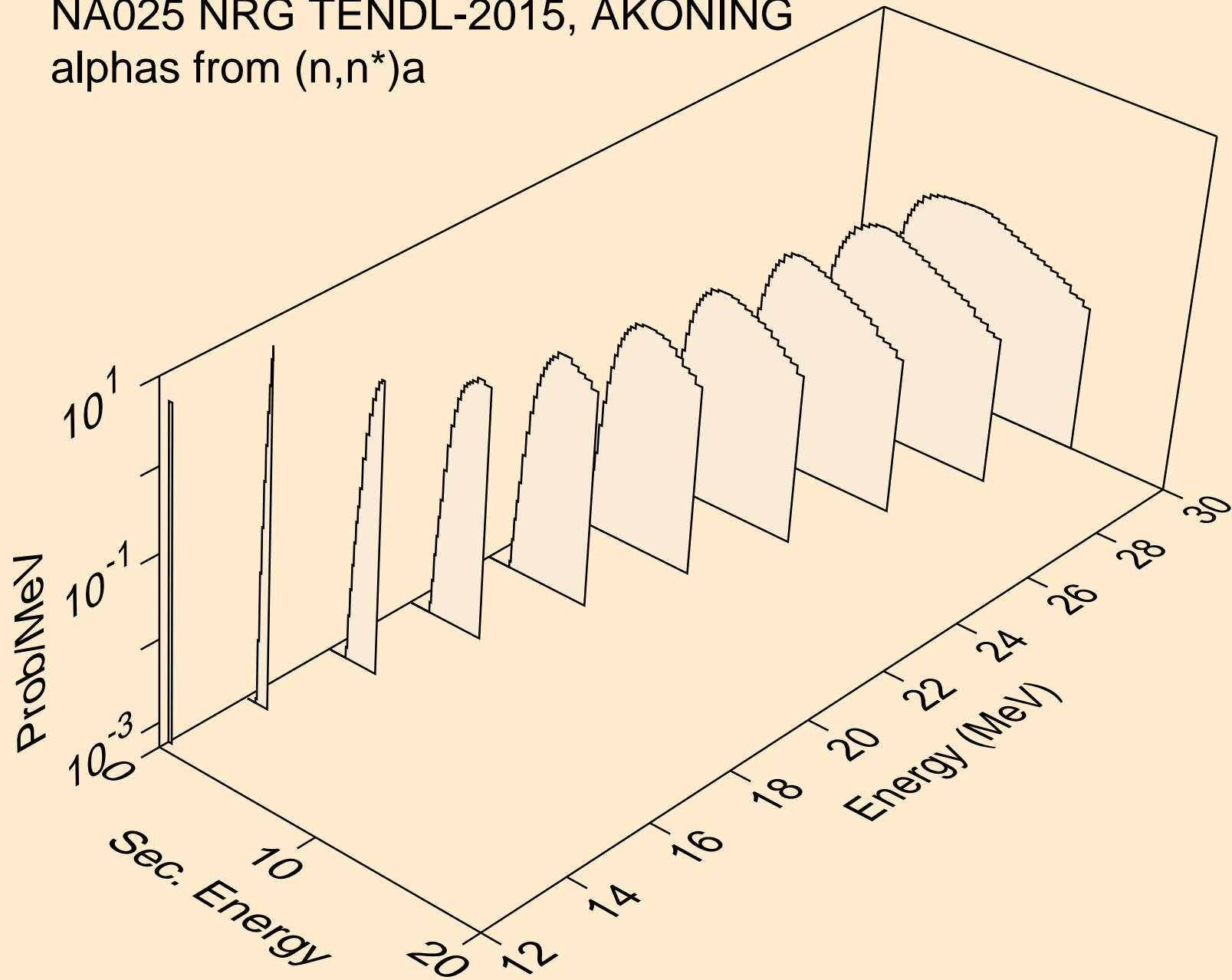
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he3s from (n,he3)



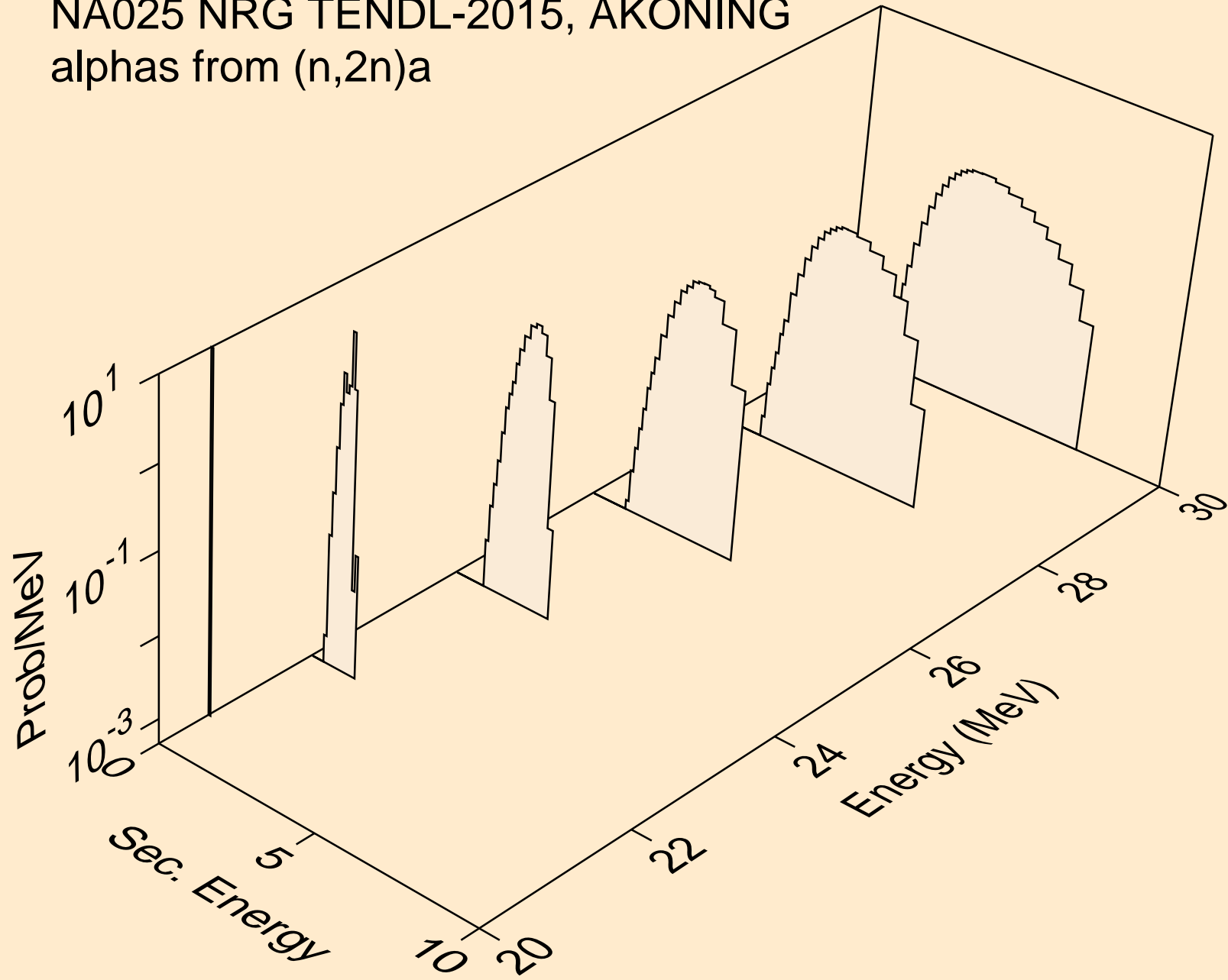
NA025 NRG TENDL-2015, AKONING  
alphas from (n,x)



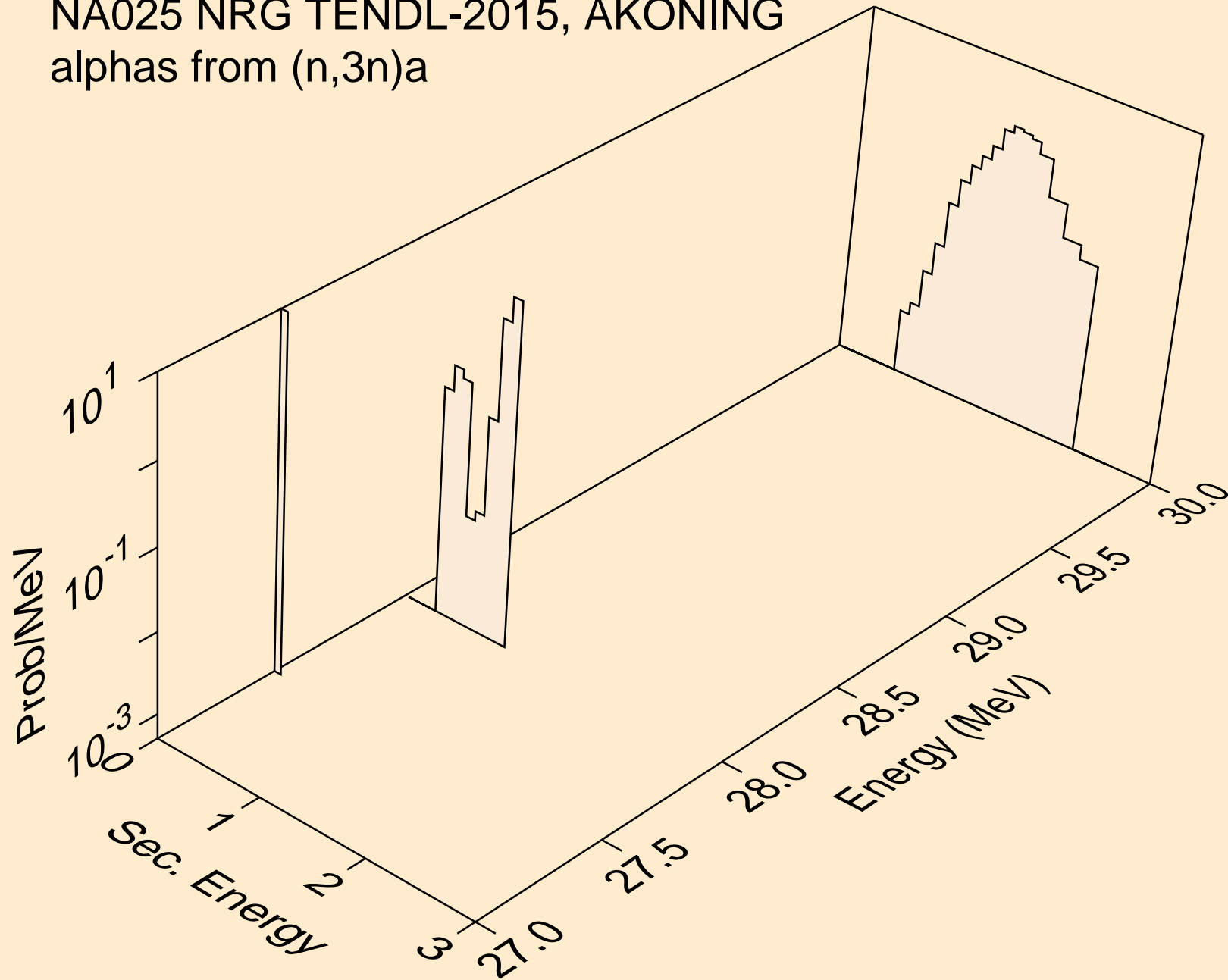
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alphas from (n,n\*)a



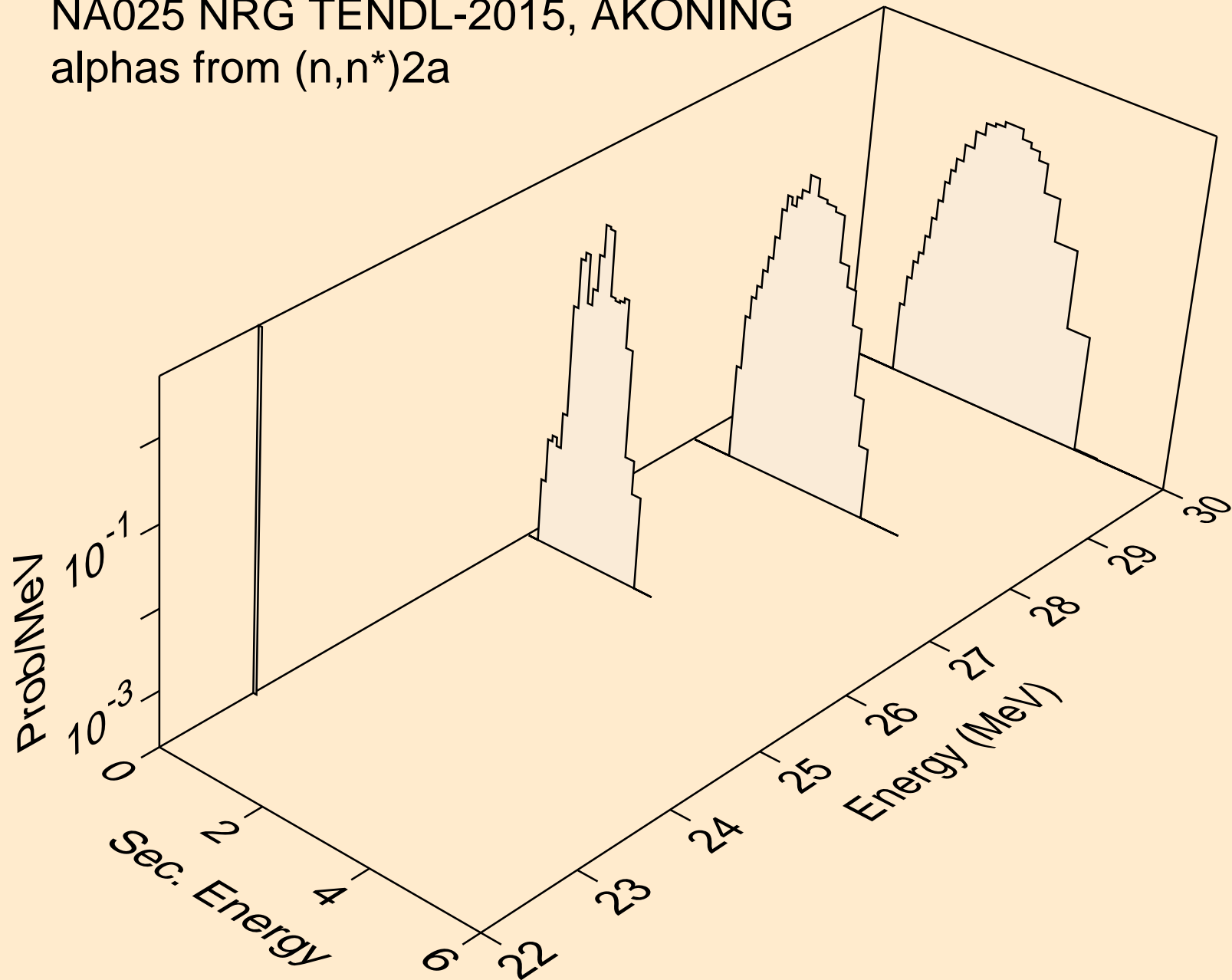
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alphas from (n,2n)a



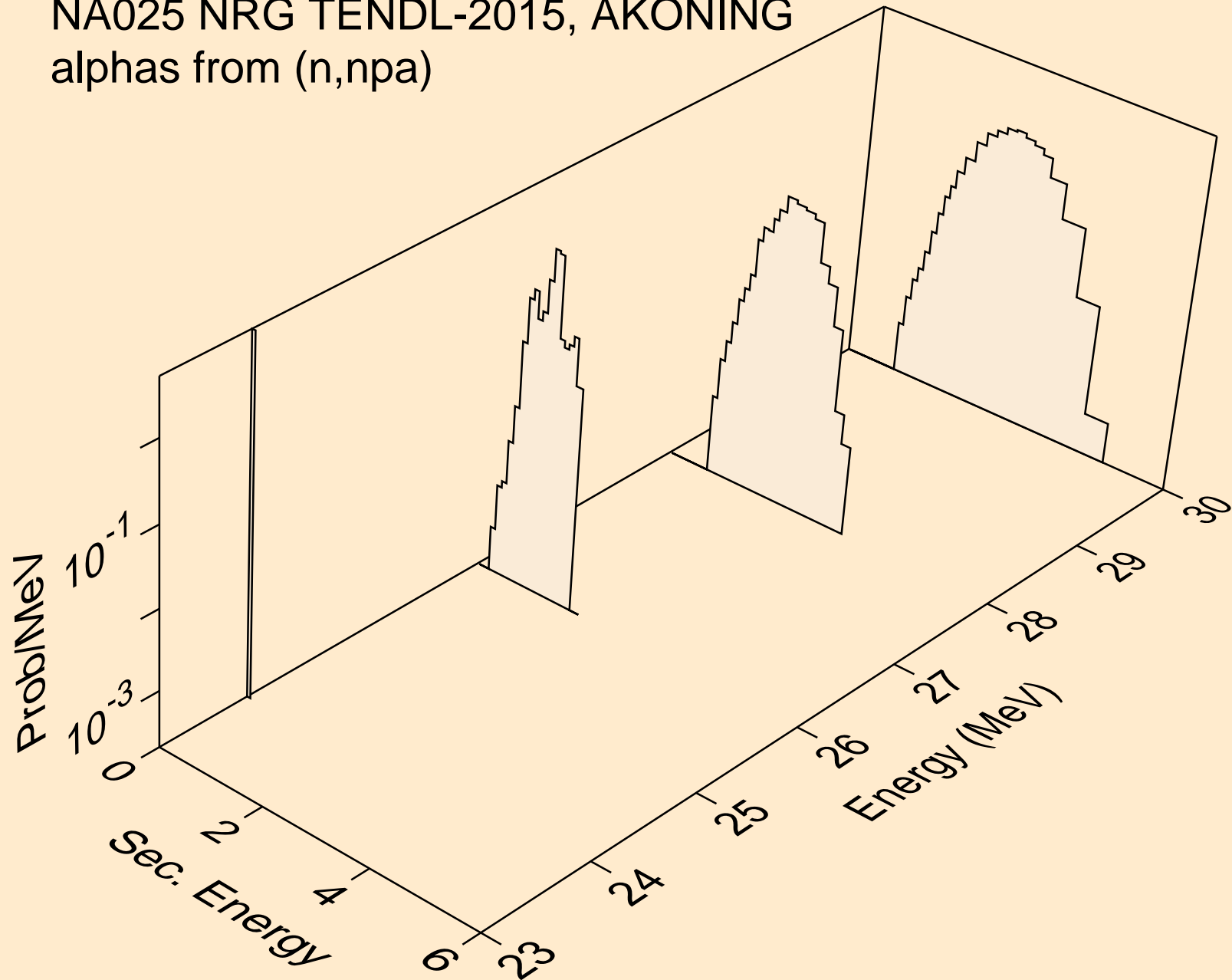
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alphas from (n,3n)a



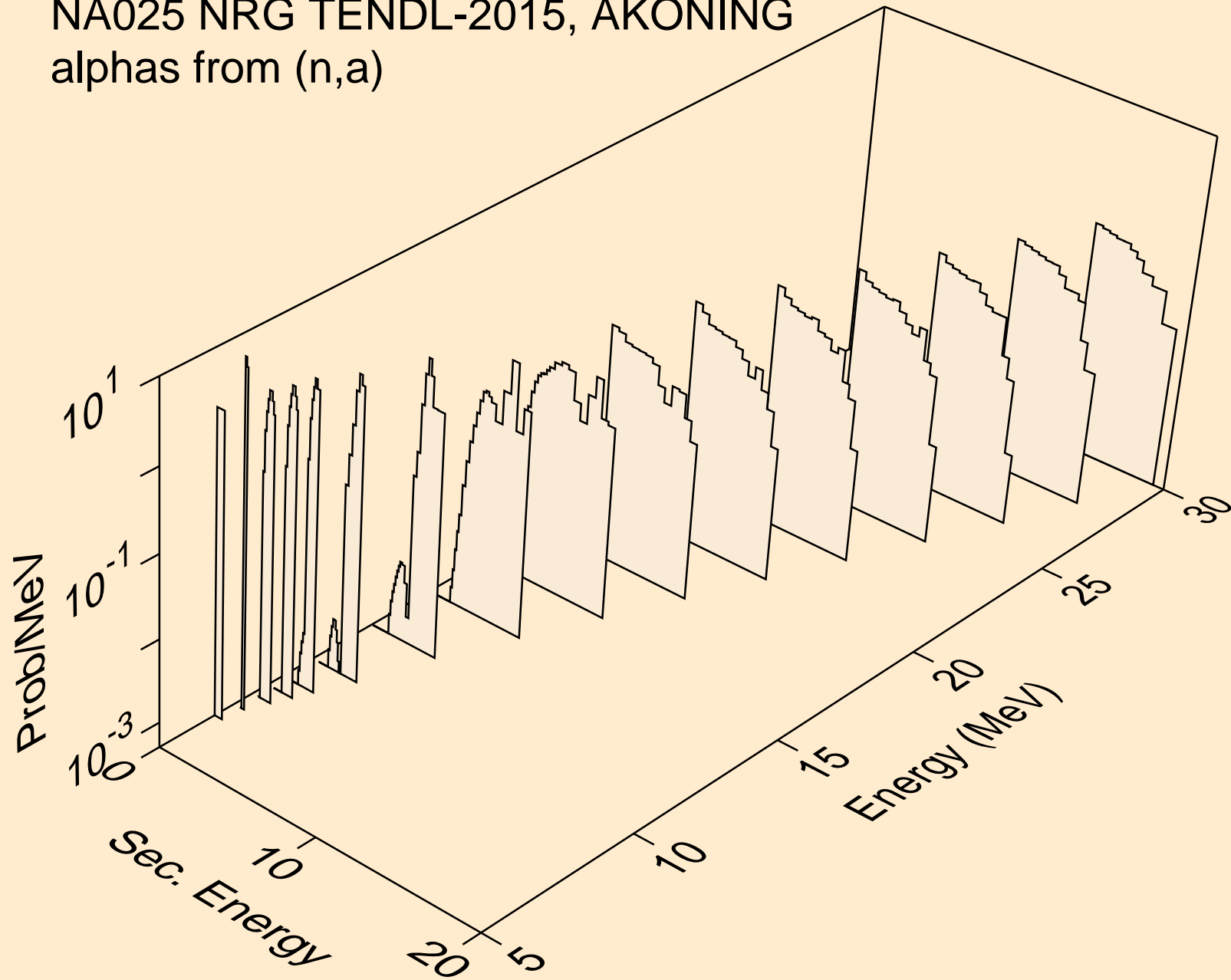
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alphas from (n,n\*)2a



NA025 NRG TENDL-2015, AKONING  
alphas from (n,npa)

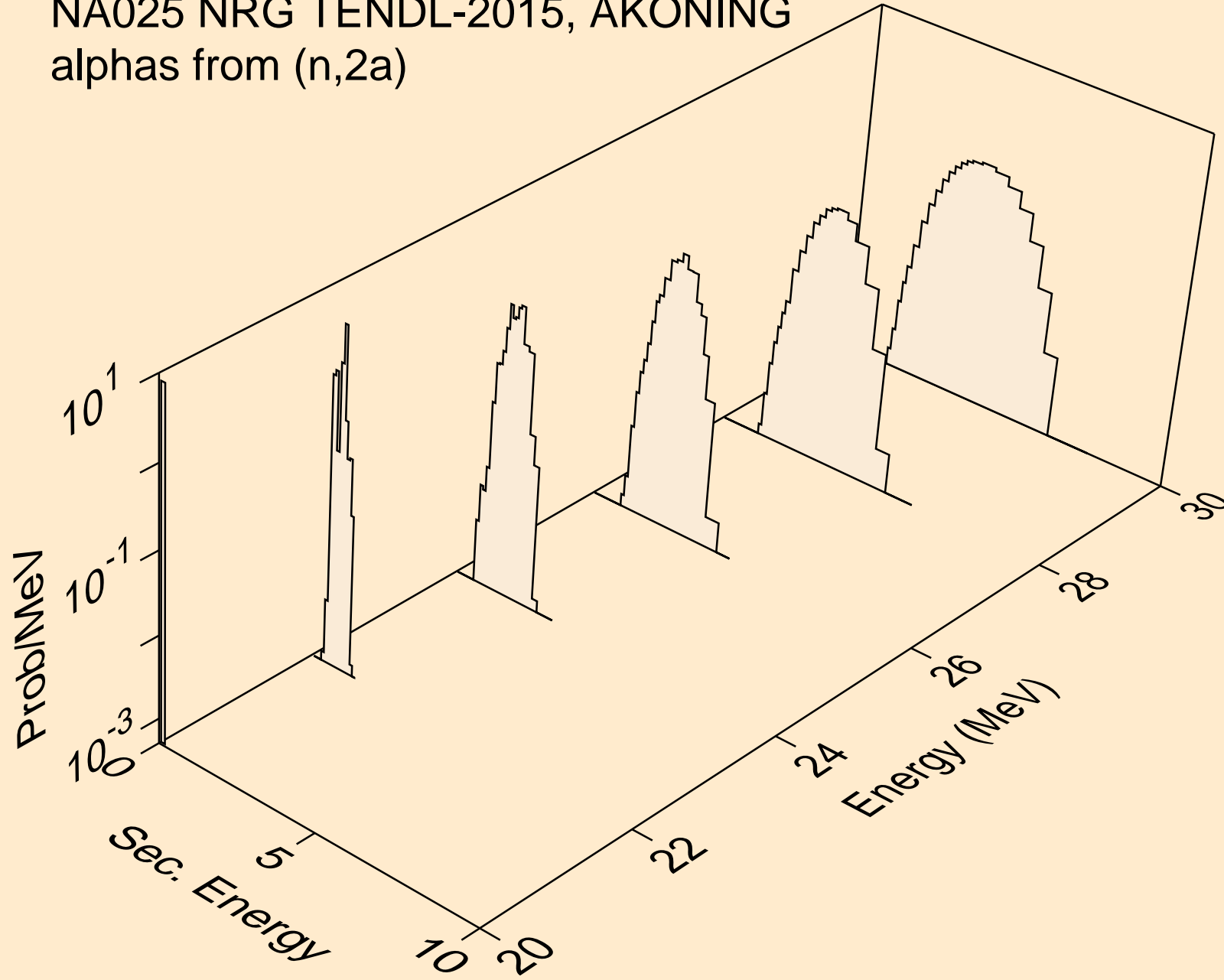


NA025 NRG TENDL-2015, AKONING  
alphas from (n,a)

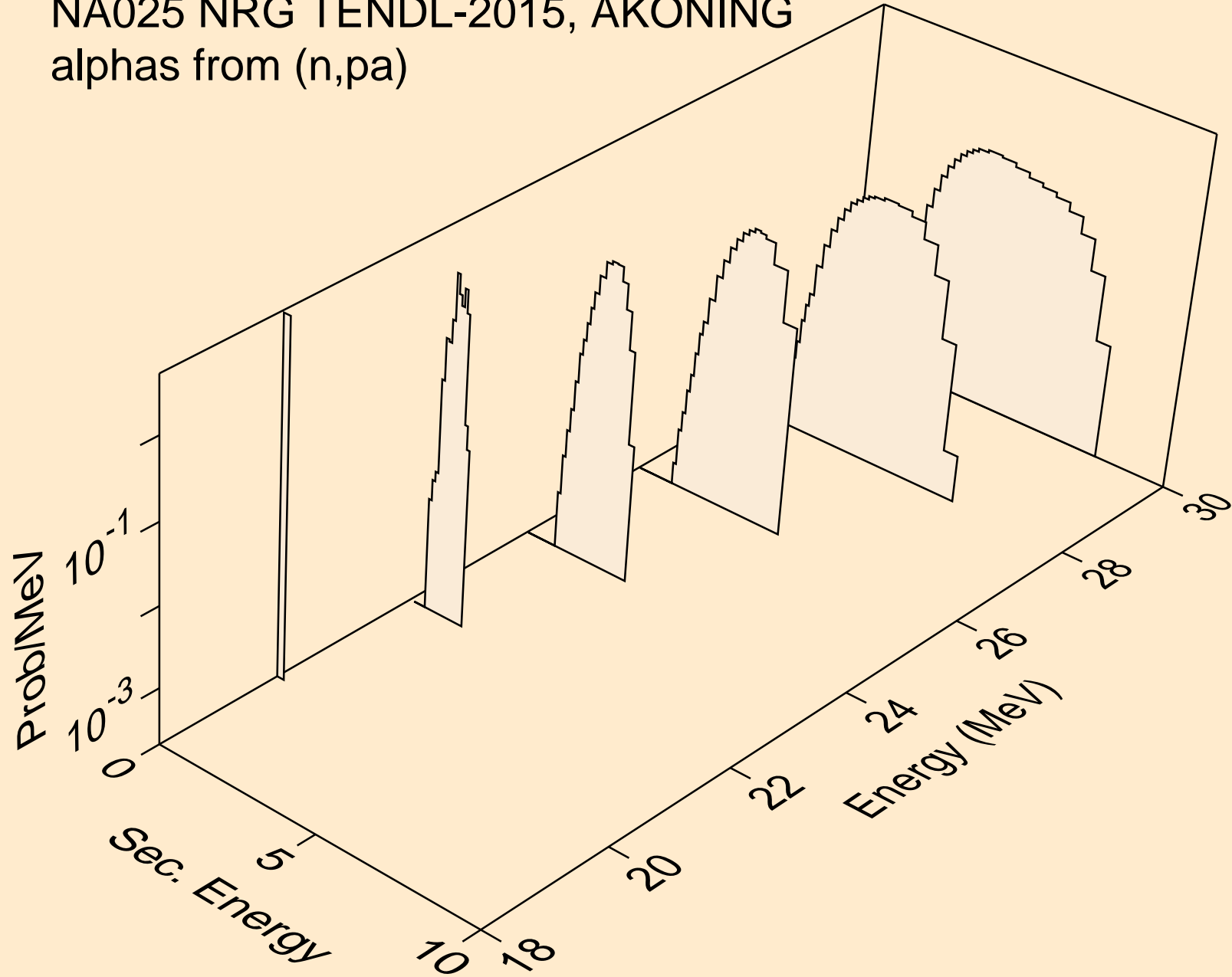




NA025 NRG TENDL-2015, AKONING  
alphas from (n,2a)



NA025 NRG TENDL-2015, AKONING  
alphas from (n,pa)



NA025 NRG TENDL-2015, AKONING  
alphas from (n,da)

