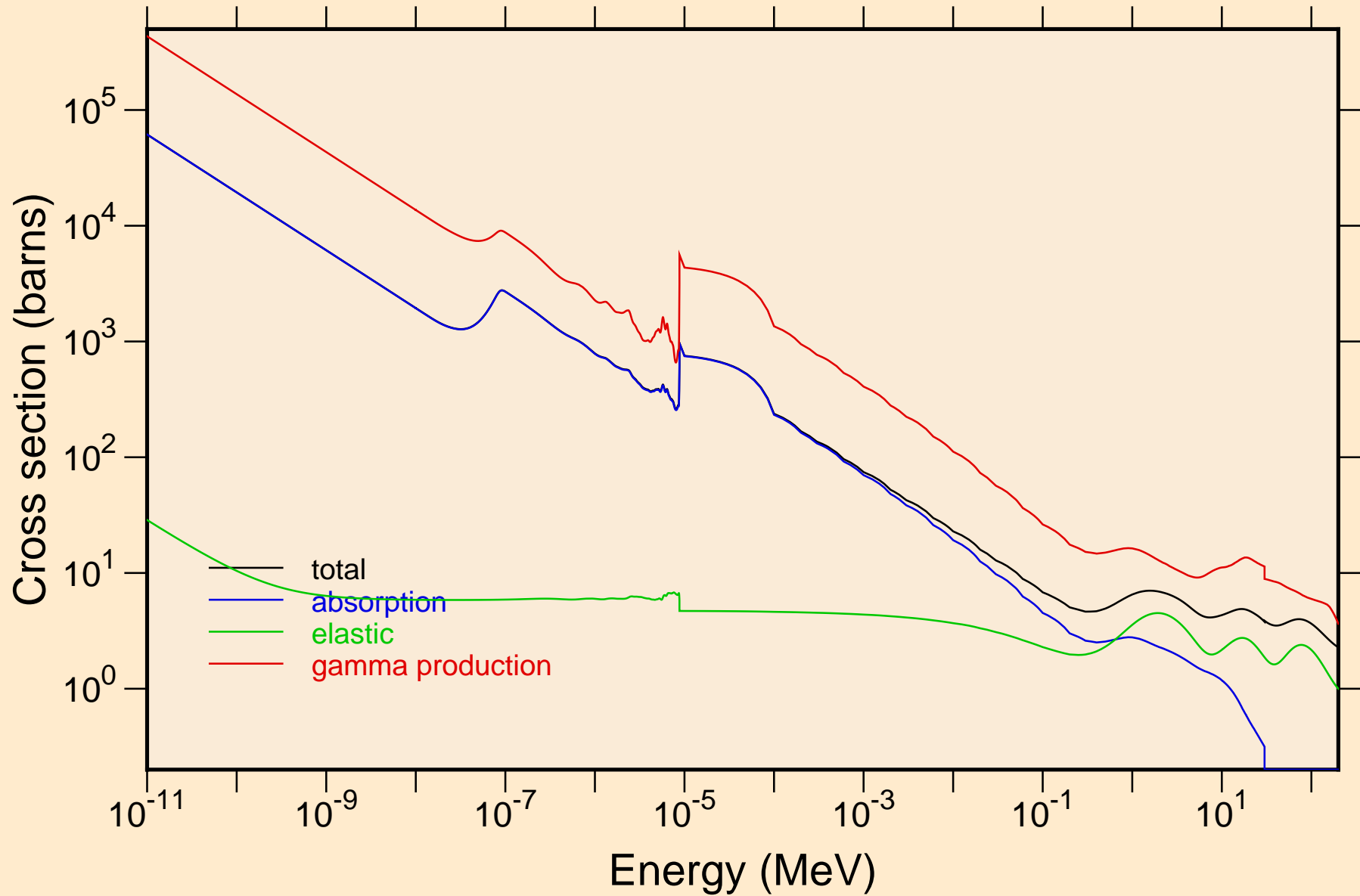


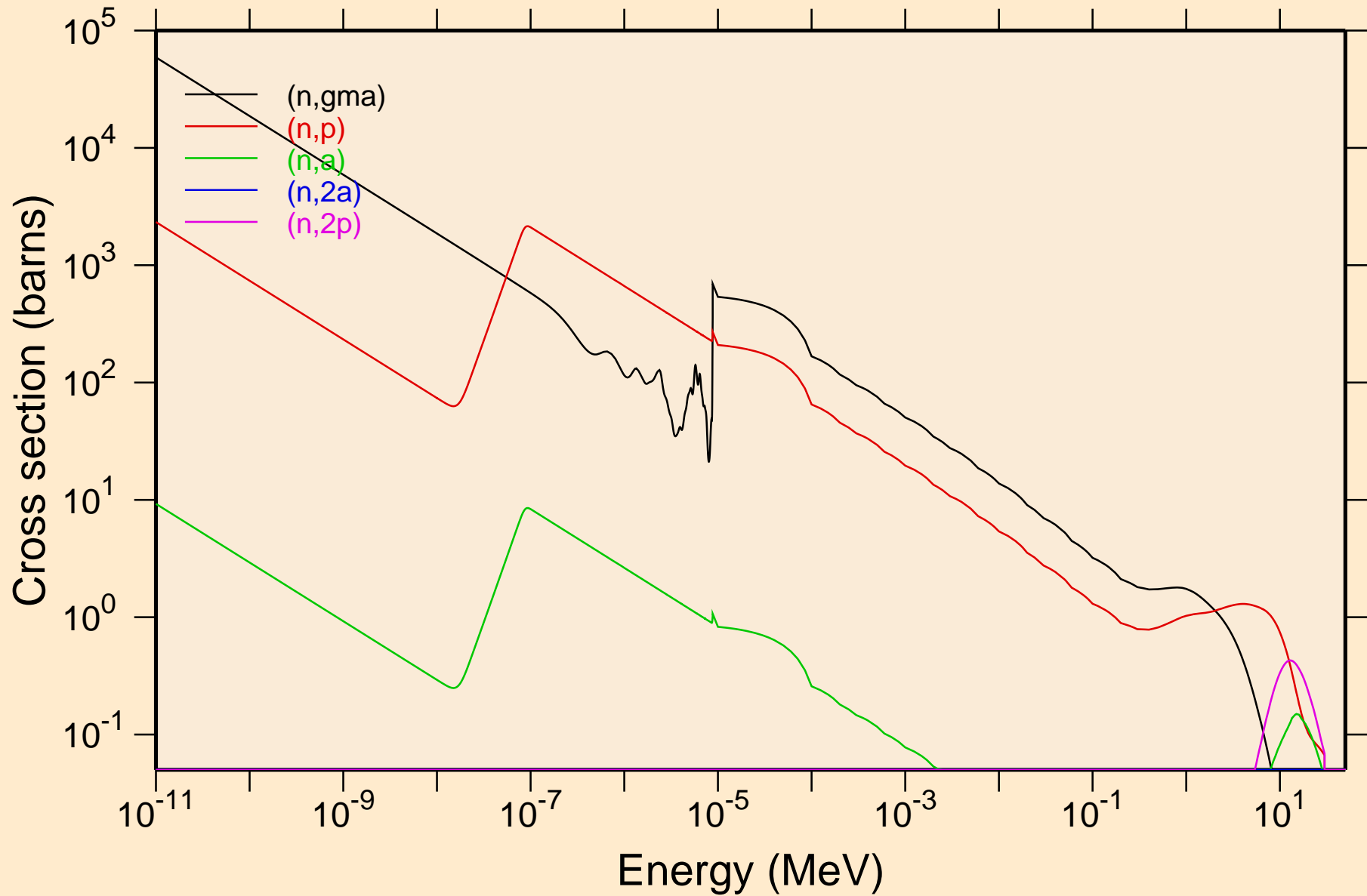
# N-GD141M NRG TENDL-2017, AKONING

## Principal cross sections

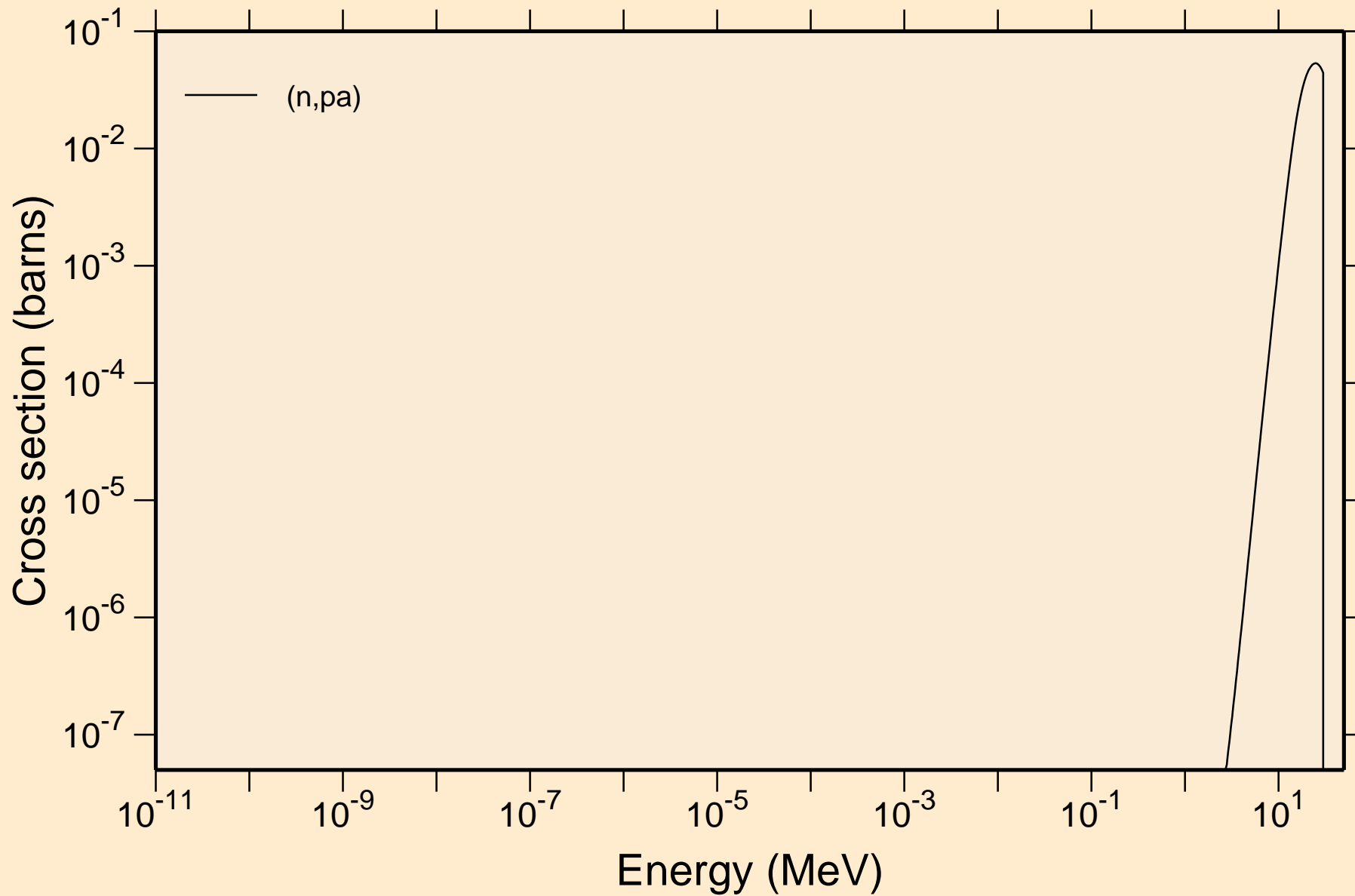


# N-GD141M NRG TENDL-2017, AKONING

## Non-threshold reactions

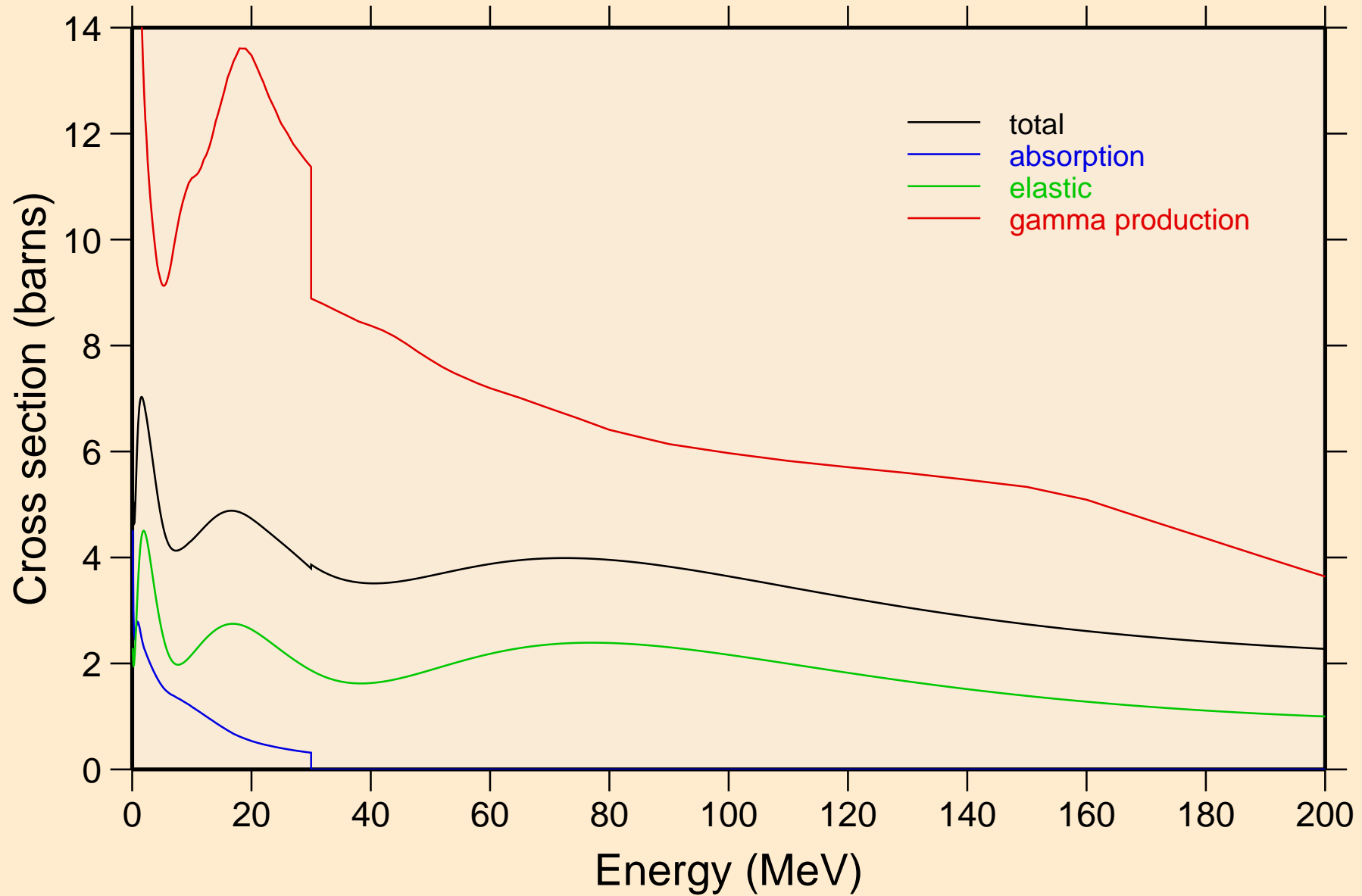


N-GD141M NRG TENDL-2017, AKONING  
Non-threshold reactions



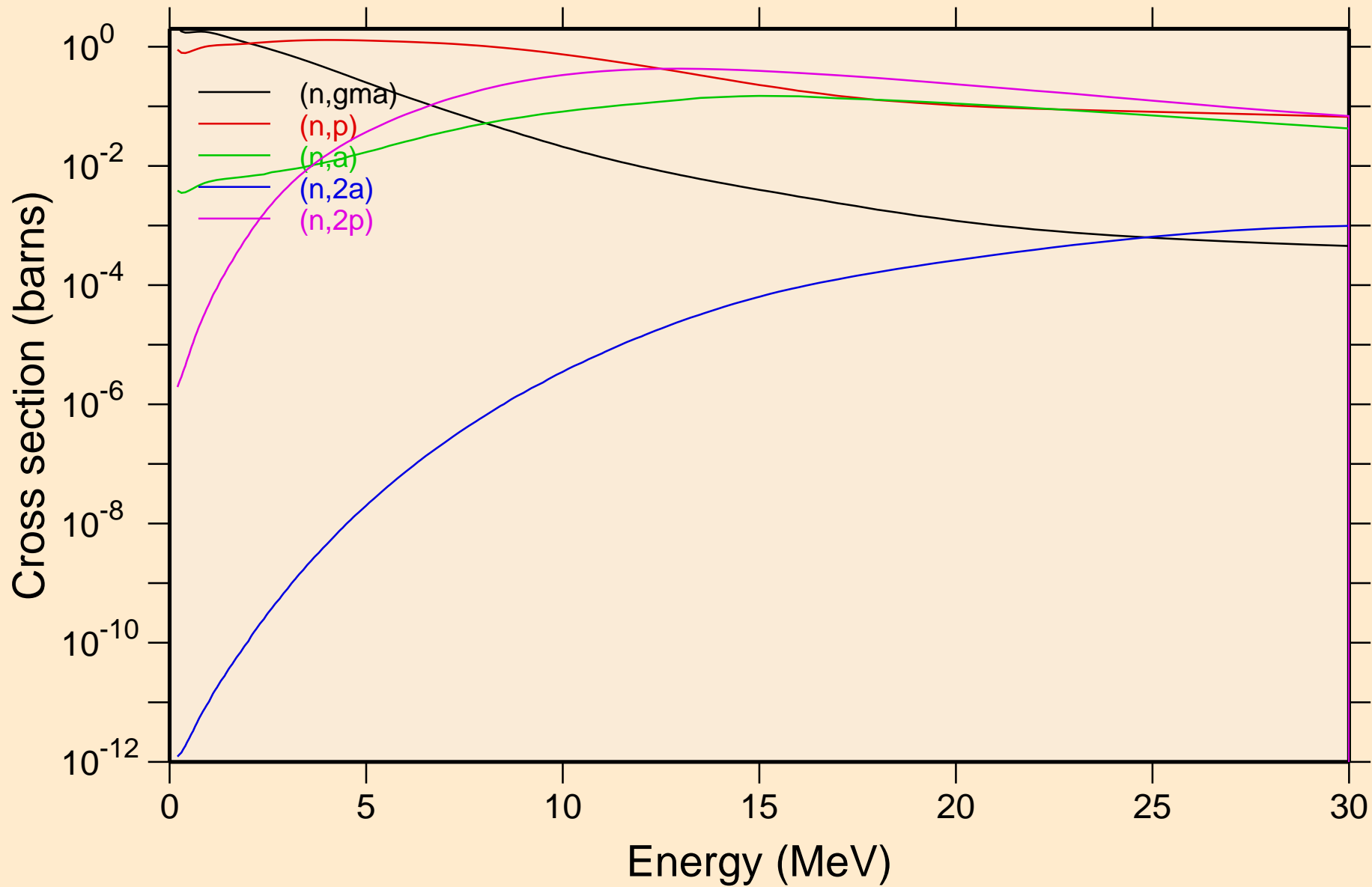
# N-GD141M NRG TENDL-2017, AKONING

## Principal cross sections



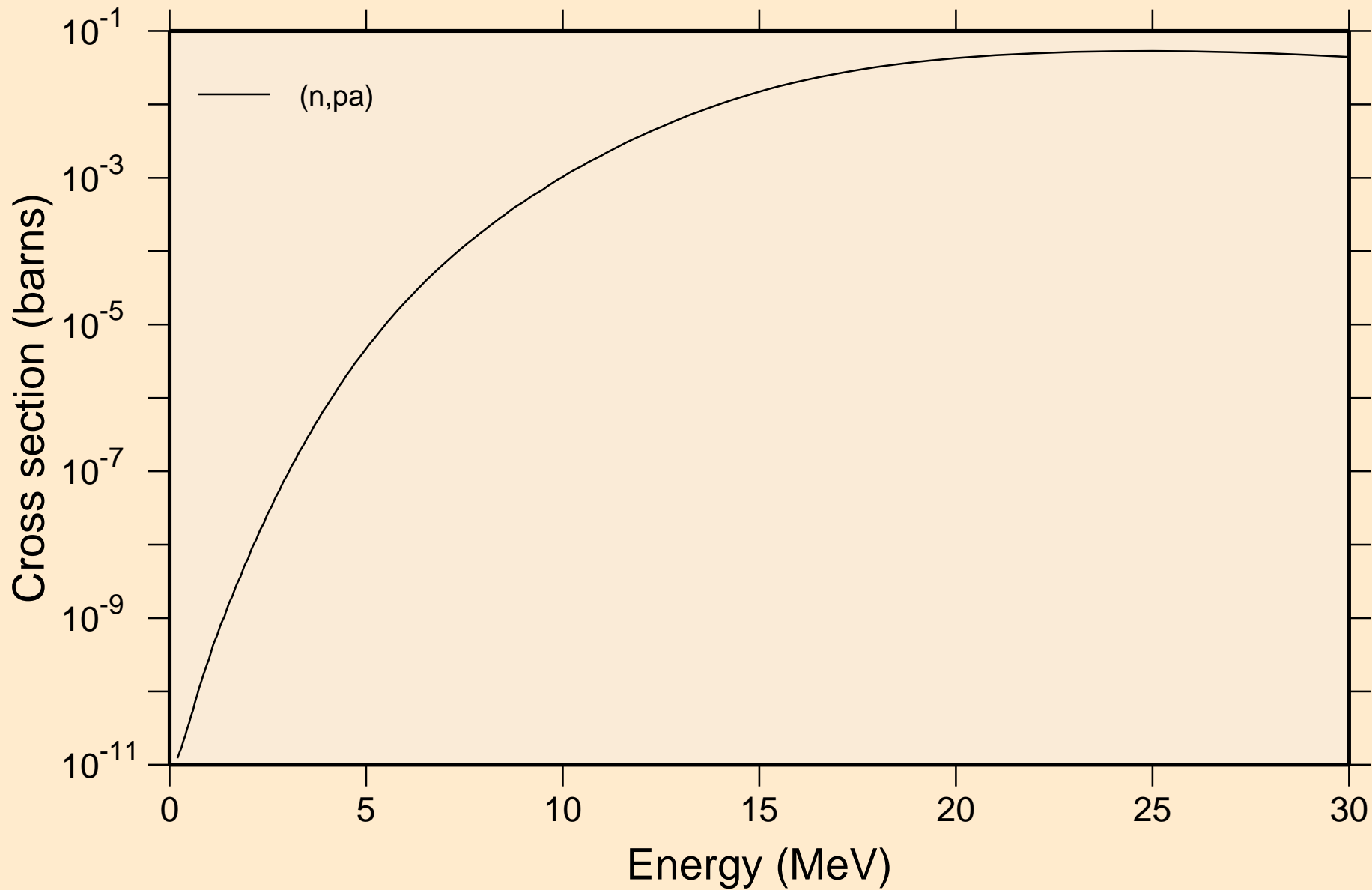
# N-GD141M NRG TENDL-2017, AKONING

## Non-threshold reactions



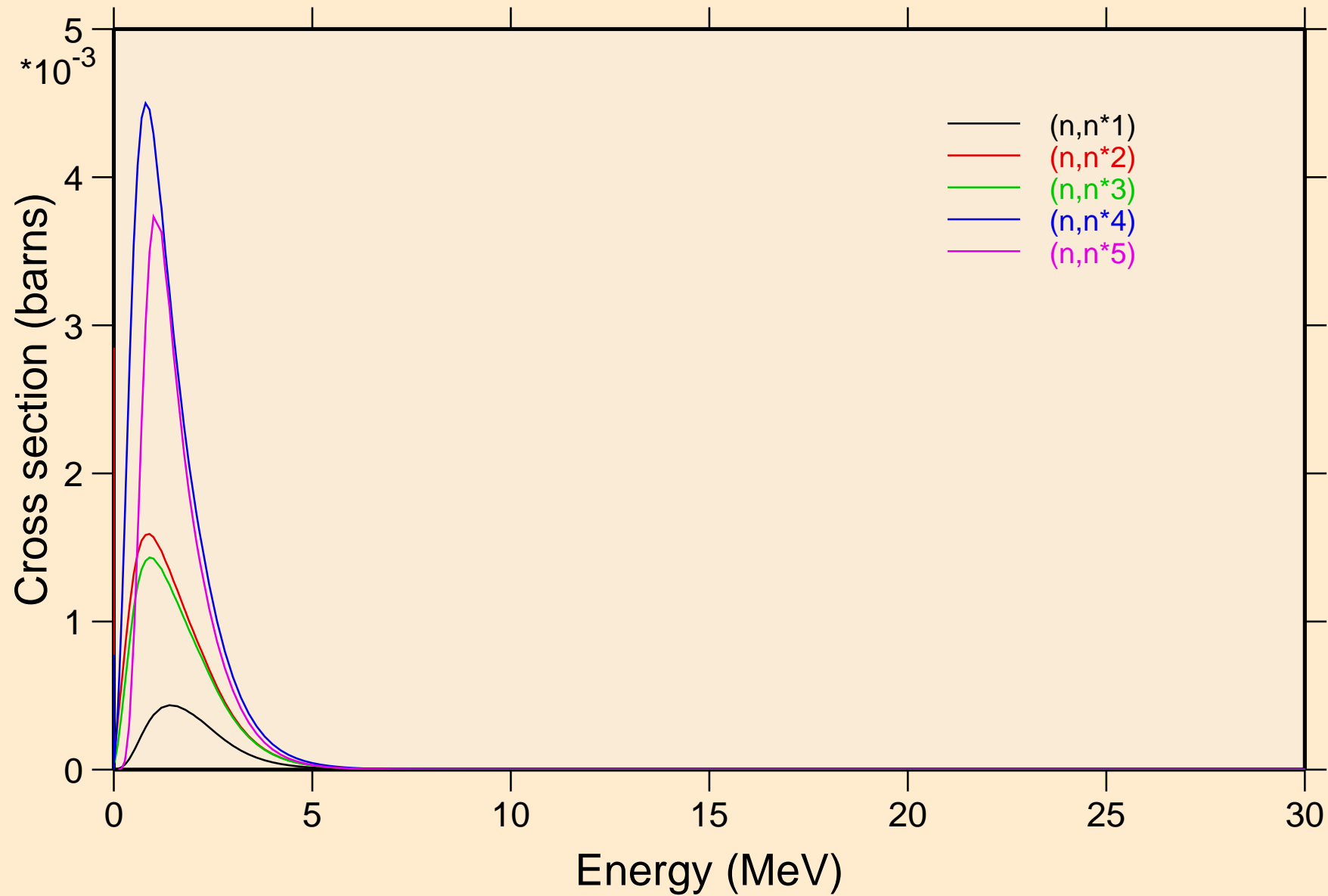
# N-GD141M NRG TENDL-2017, AKONING

## Non-threshold reactions



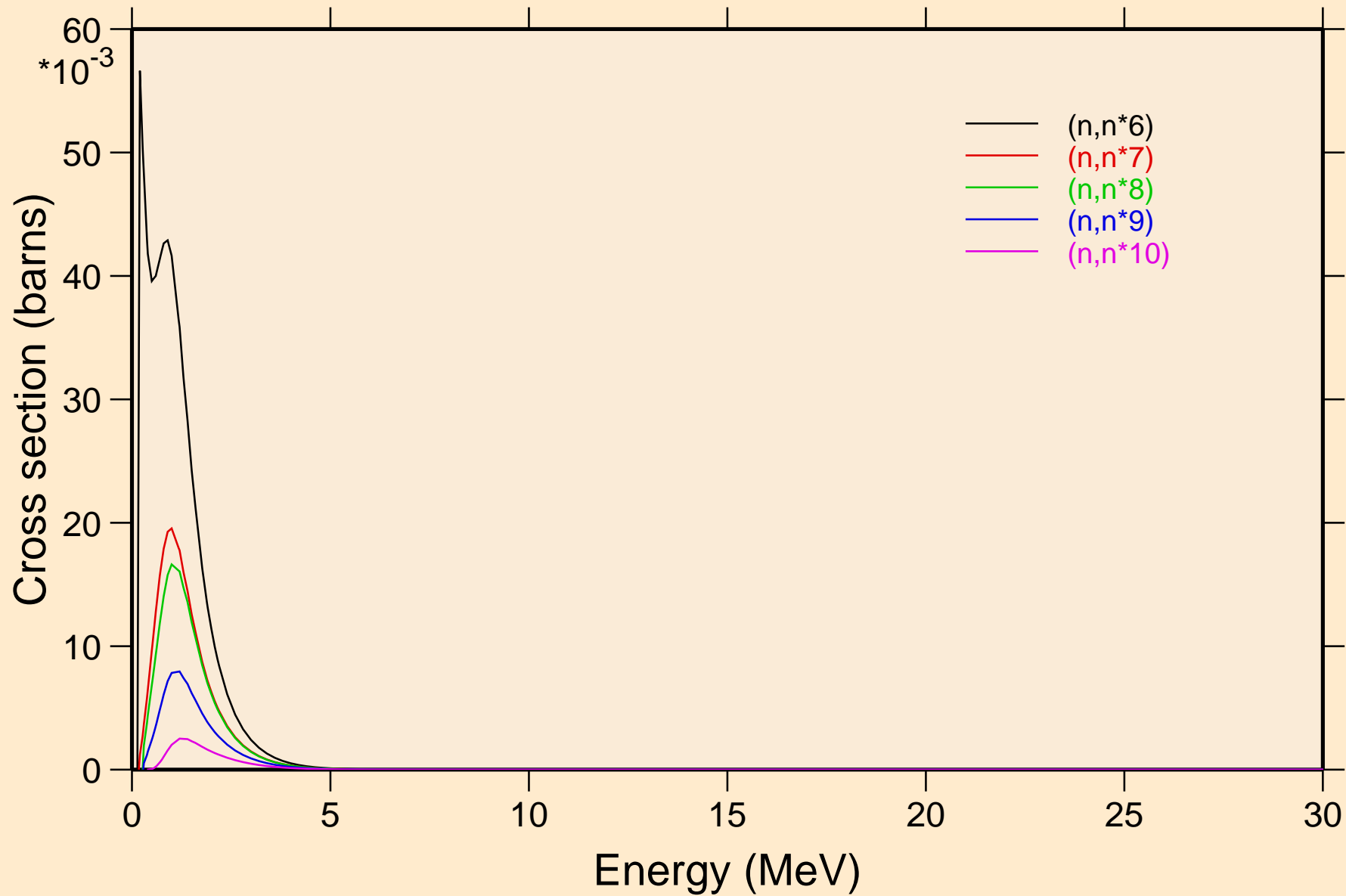
# N-GD141M NRG TENDL-2017, AKONING

## Inelastic levels



# N-GD141M NRG TENDL-2017, AKONING

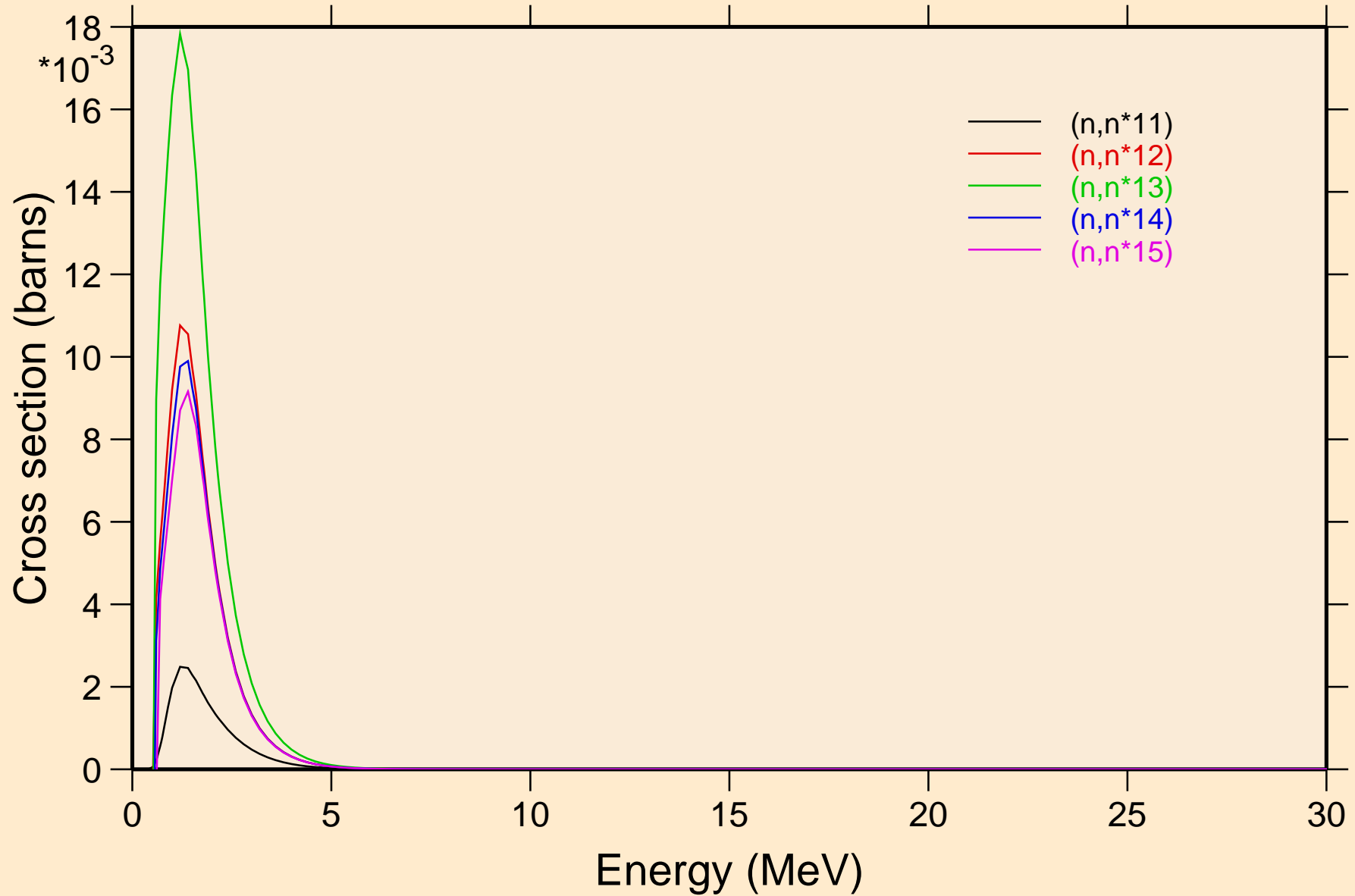
## Inelastic levels



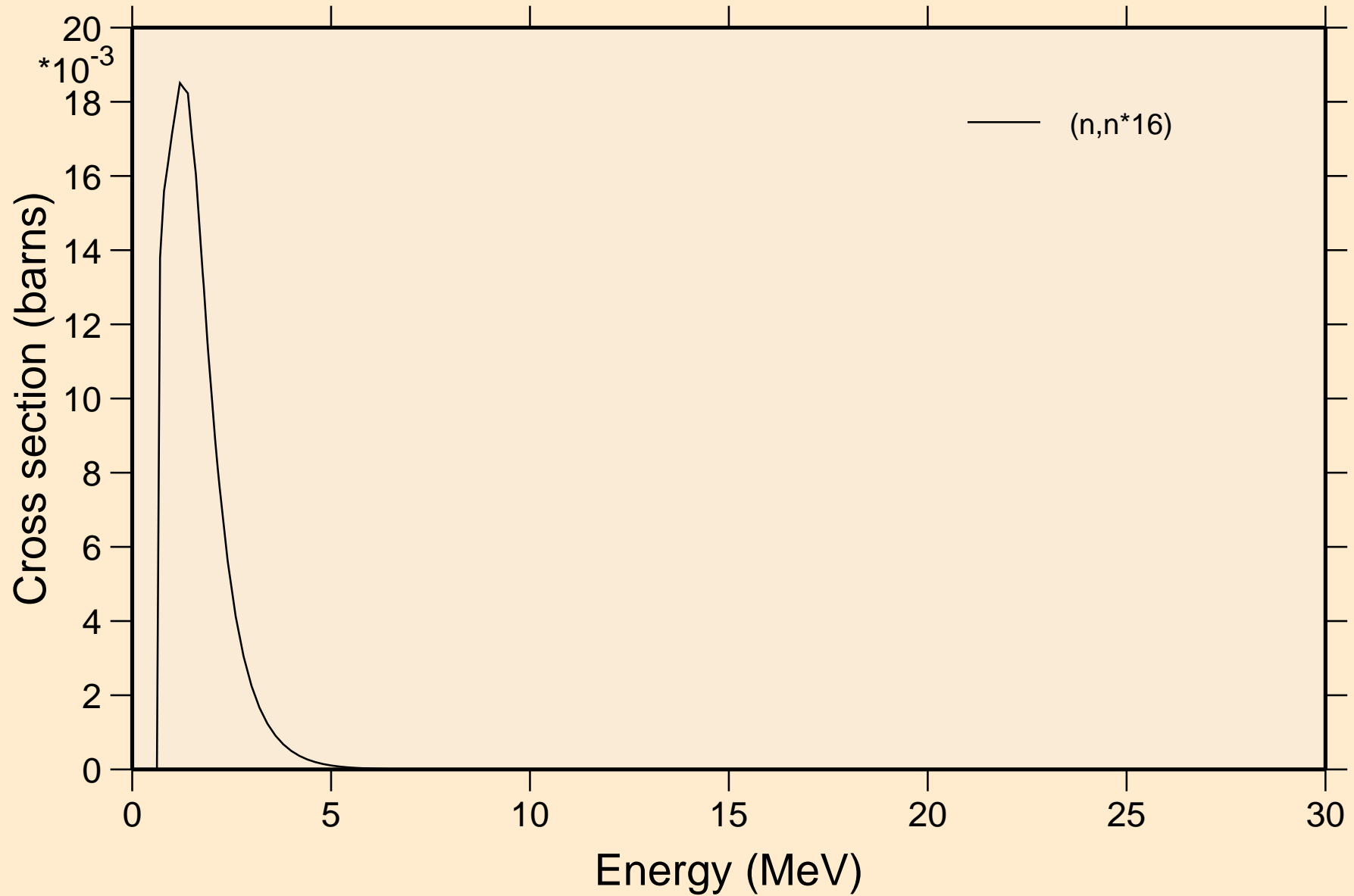


# N-GD141M NRG TENDL-2017, AKONING

## Inelastic levels

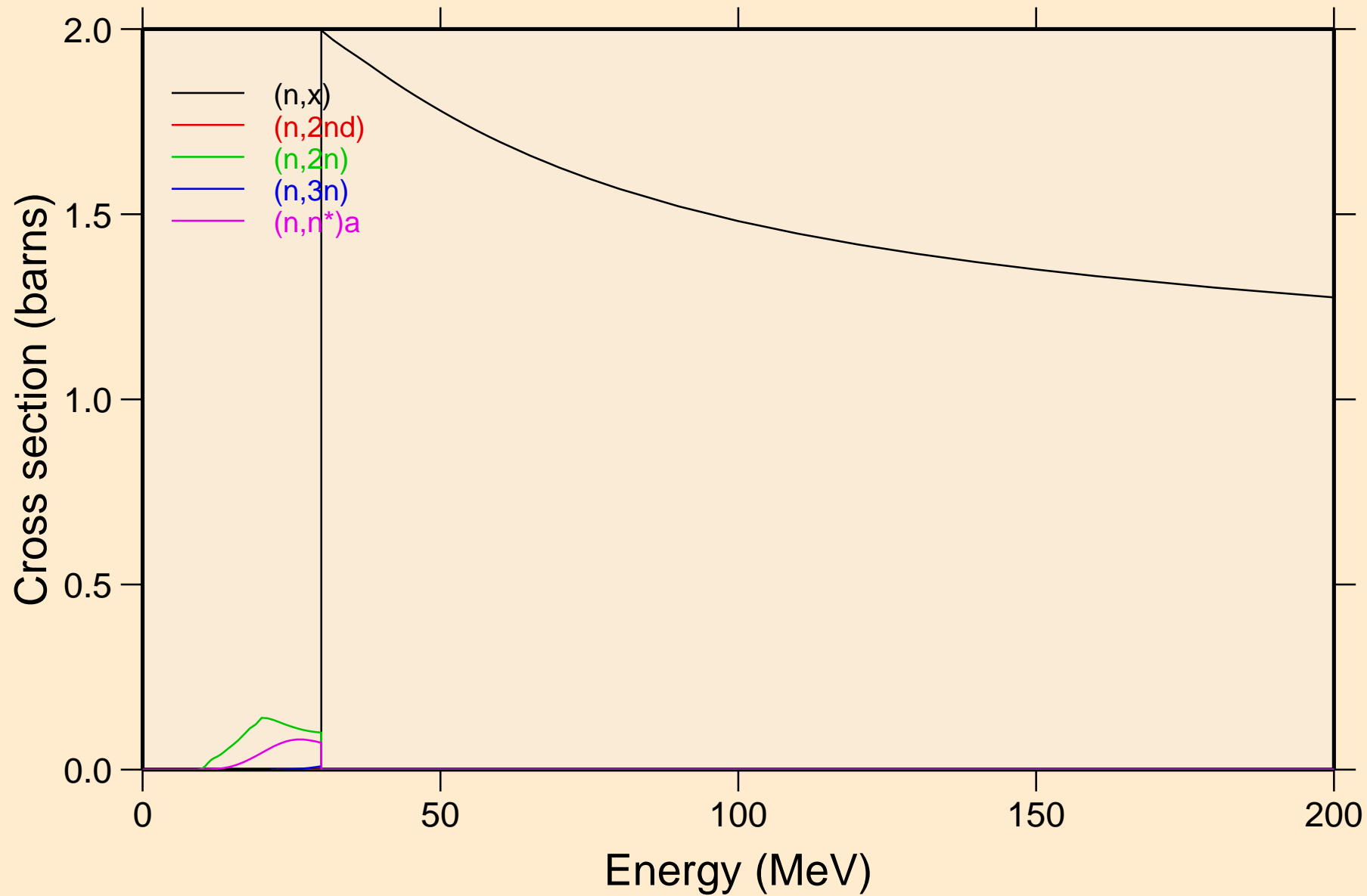


N-GD141M NRG TENDL-2017, AKONING  
Inelastic levels



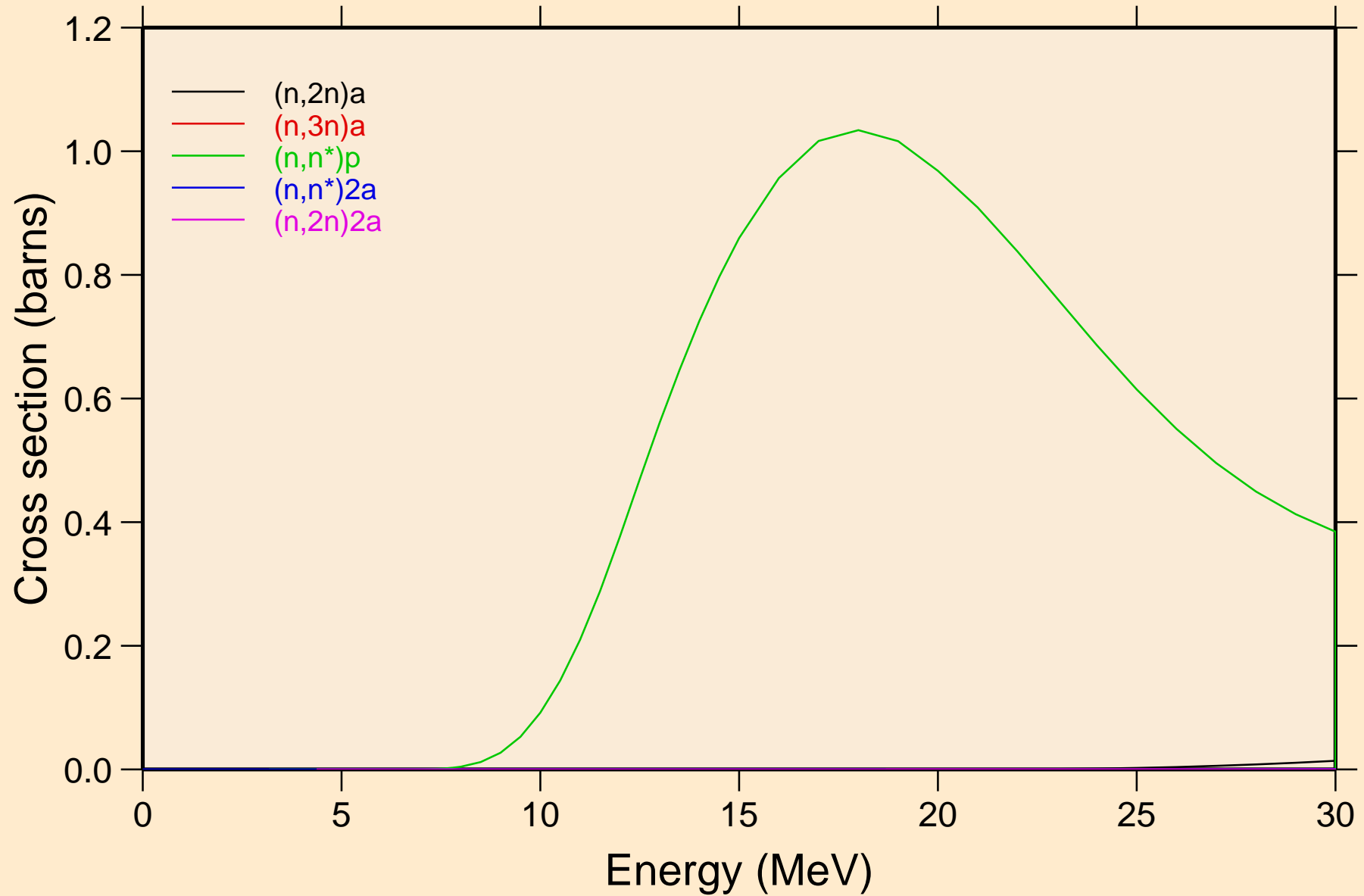
# N-GD141M NRG TENDL-2017, AKONING

## Threshold reactions



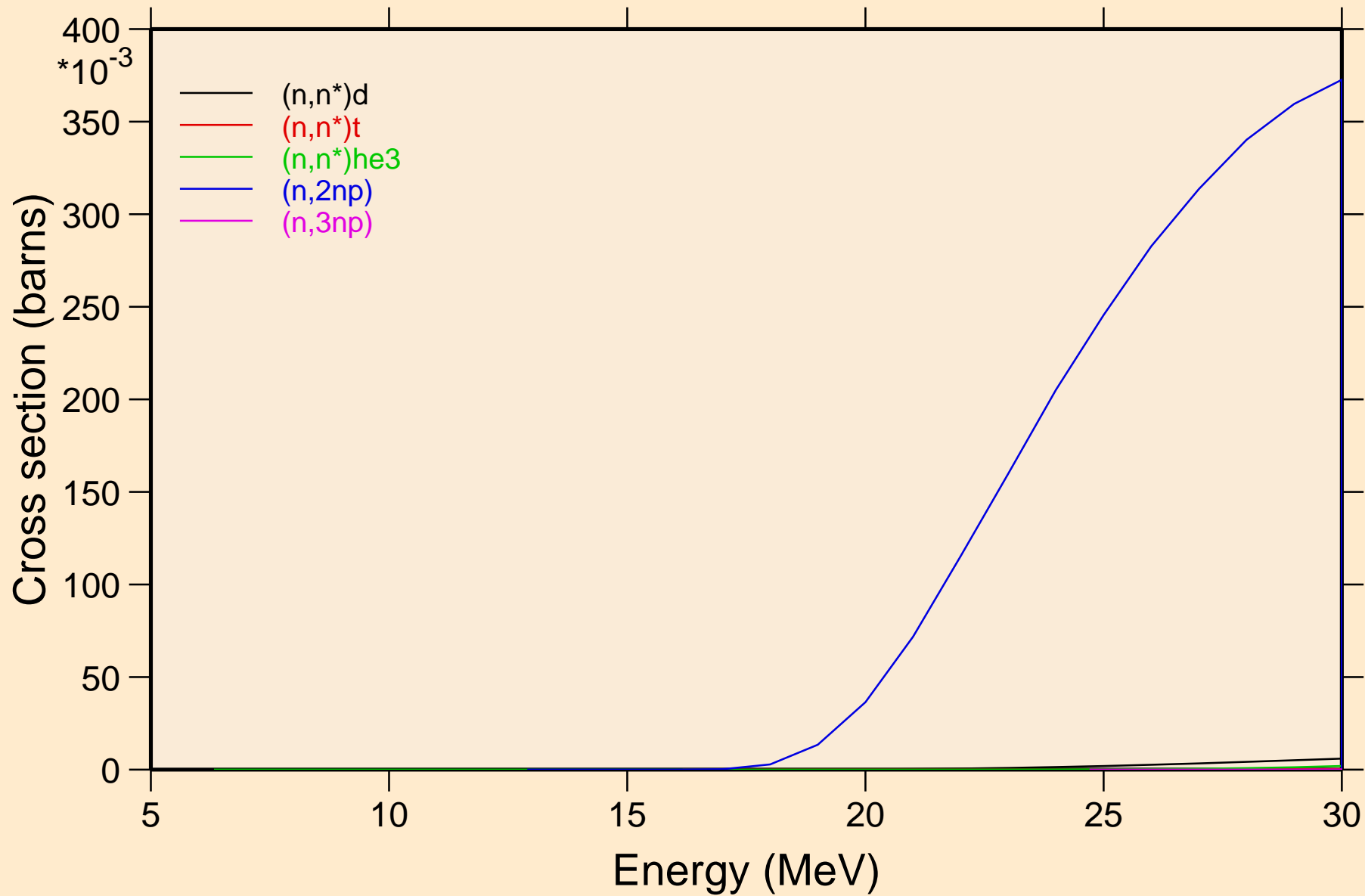
# N-GD141M NRG TENDL-2017, AKONING

## Threshold reactions



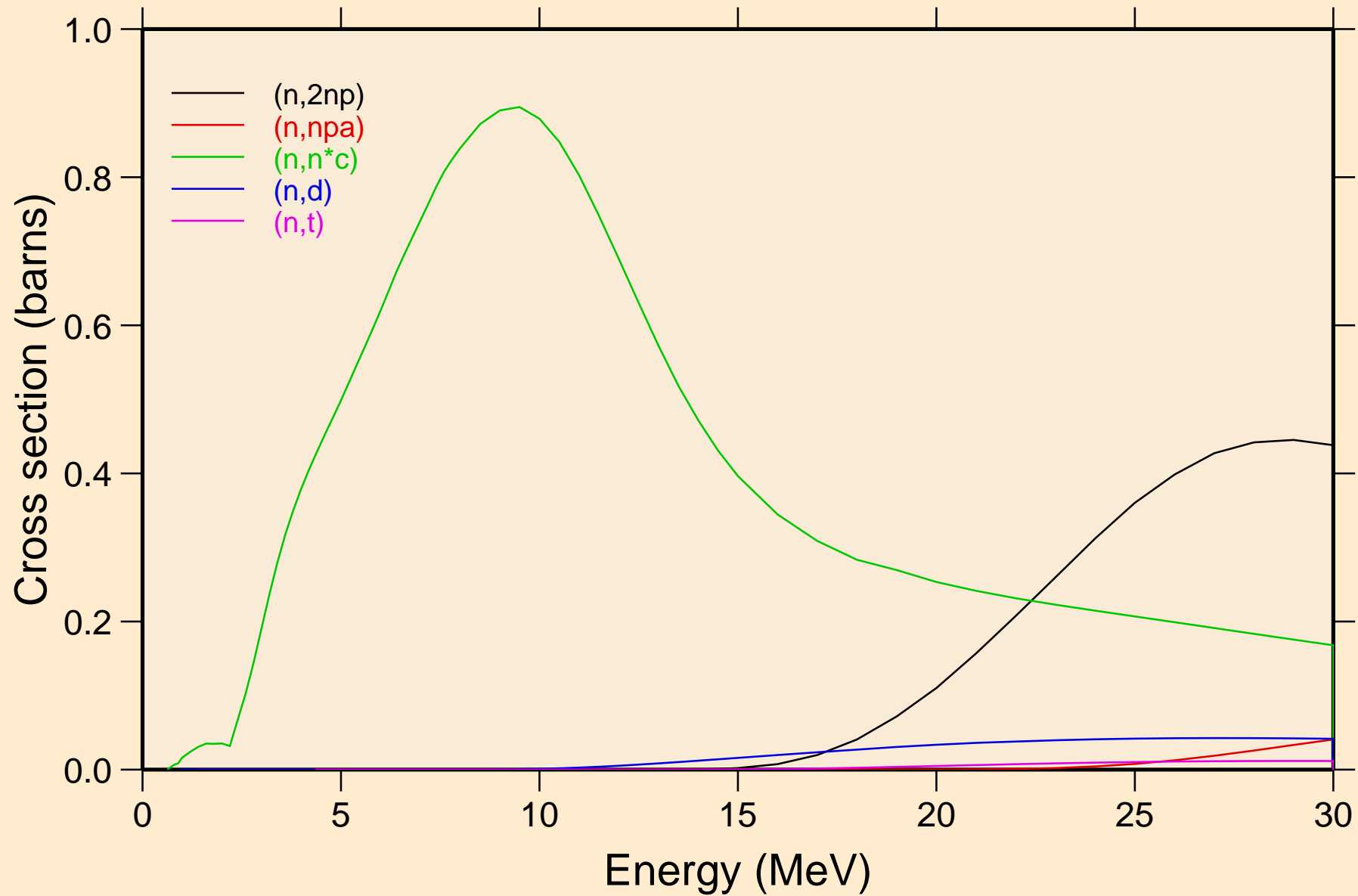
# N-GD141M NRG TENDL-2017, AKONING

## Threshold reactions



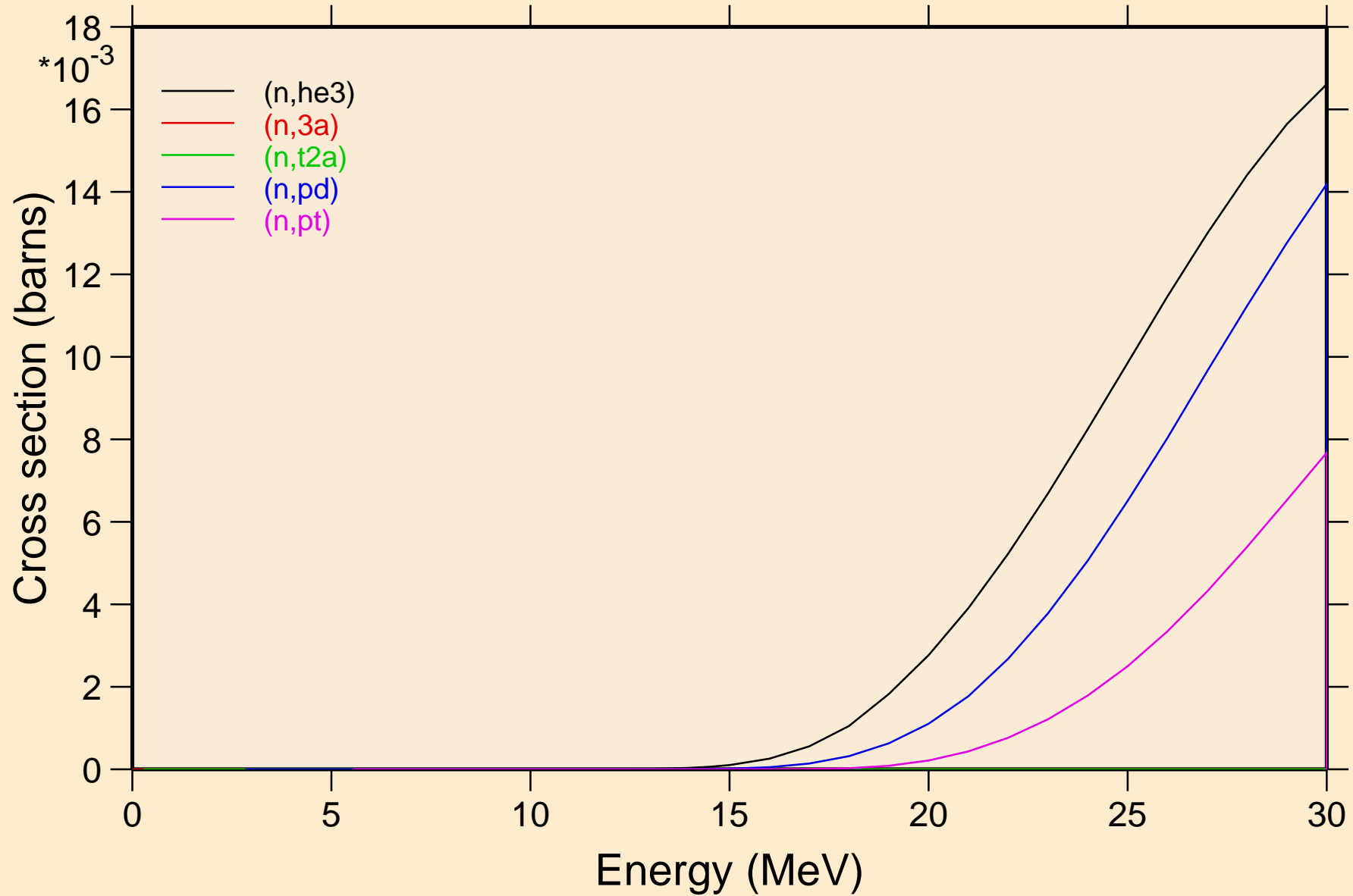
# N-GD141M NRG TENDL-2017, AKONING

## Threshold reactions



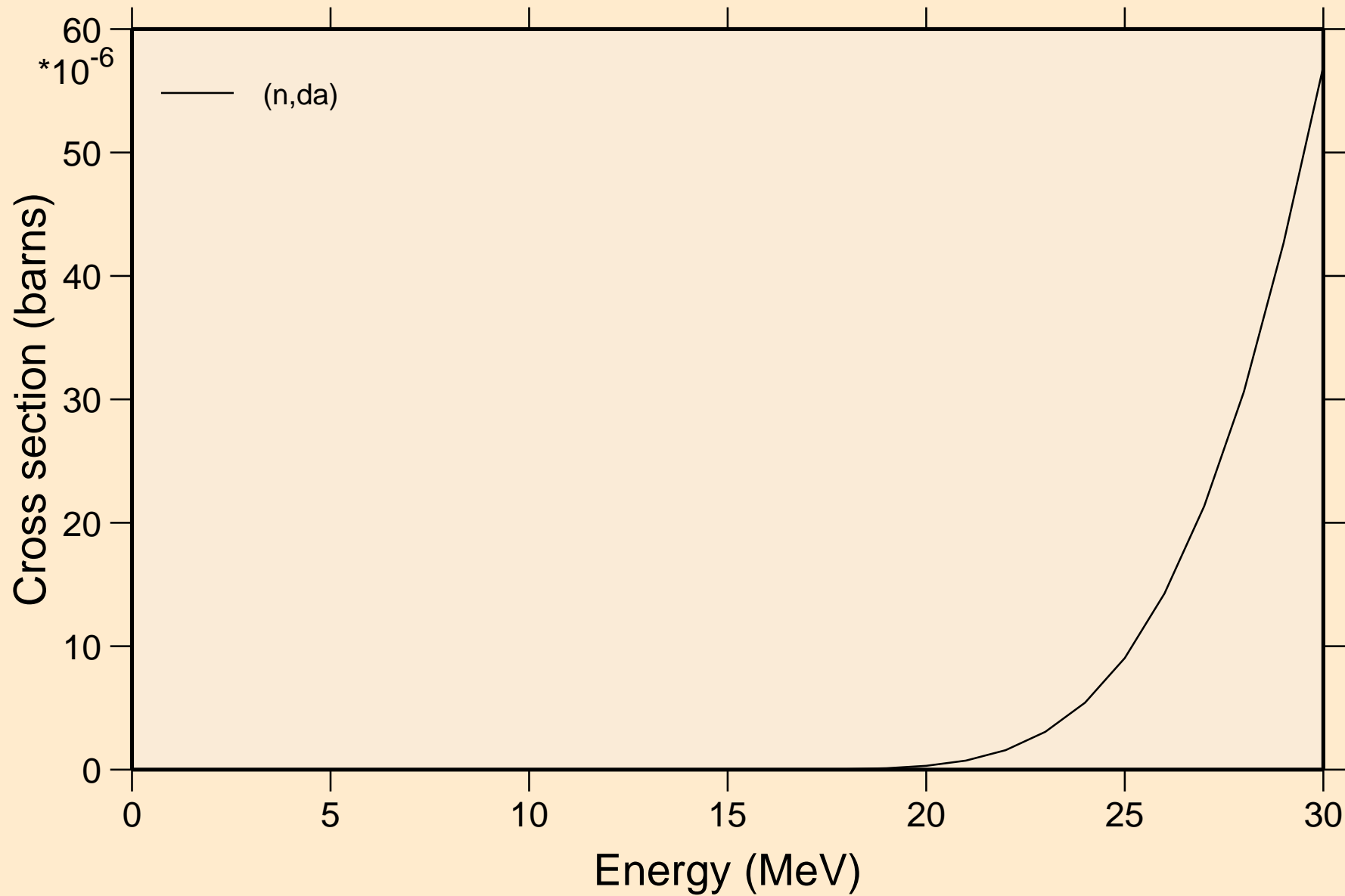
# N-GD141M NRG TENDL-2017, AKONING

## Threshold reactions



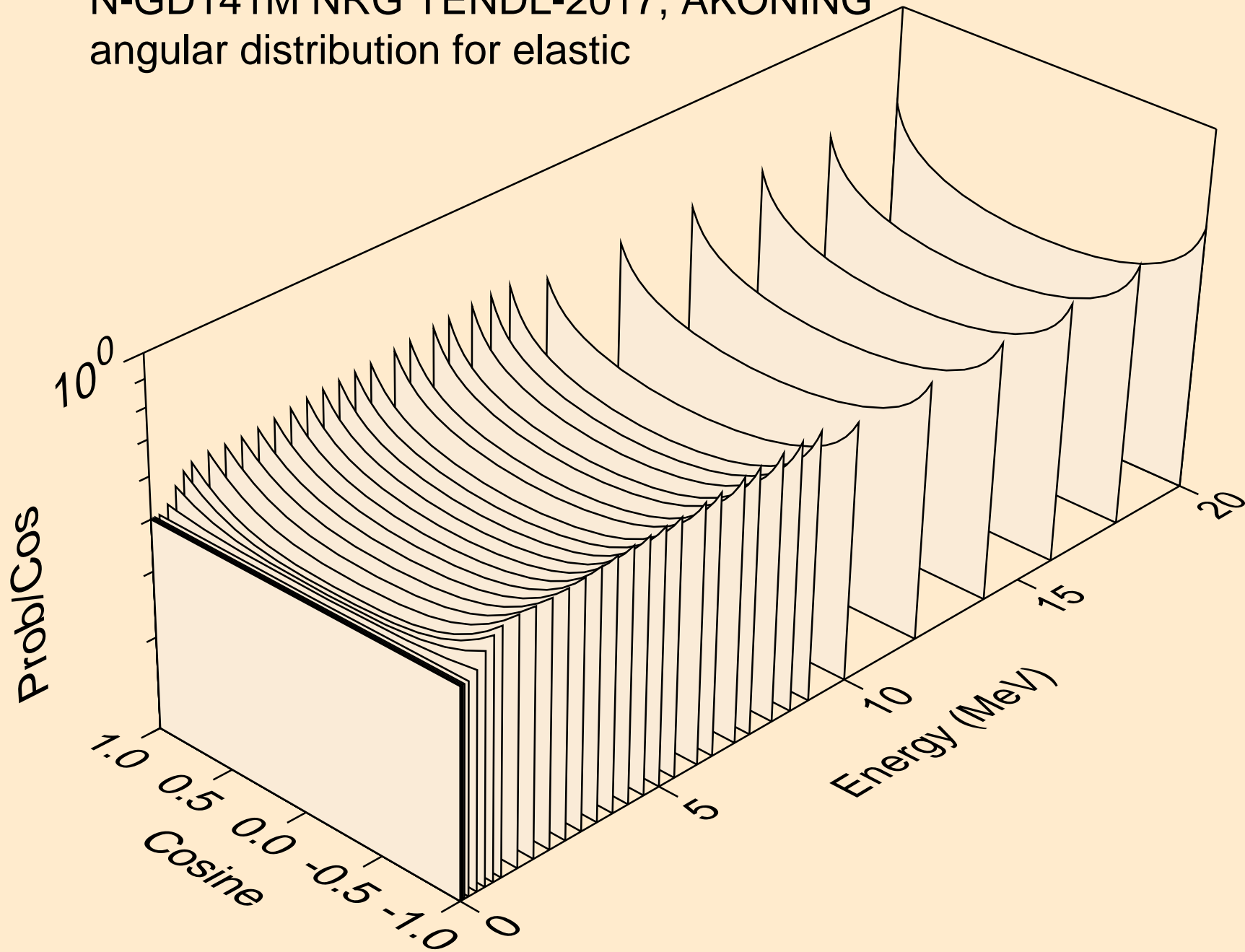
# N-GD141M NRG TENDL-2017, AKONING

## Threshold reactions

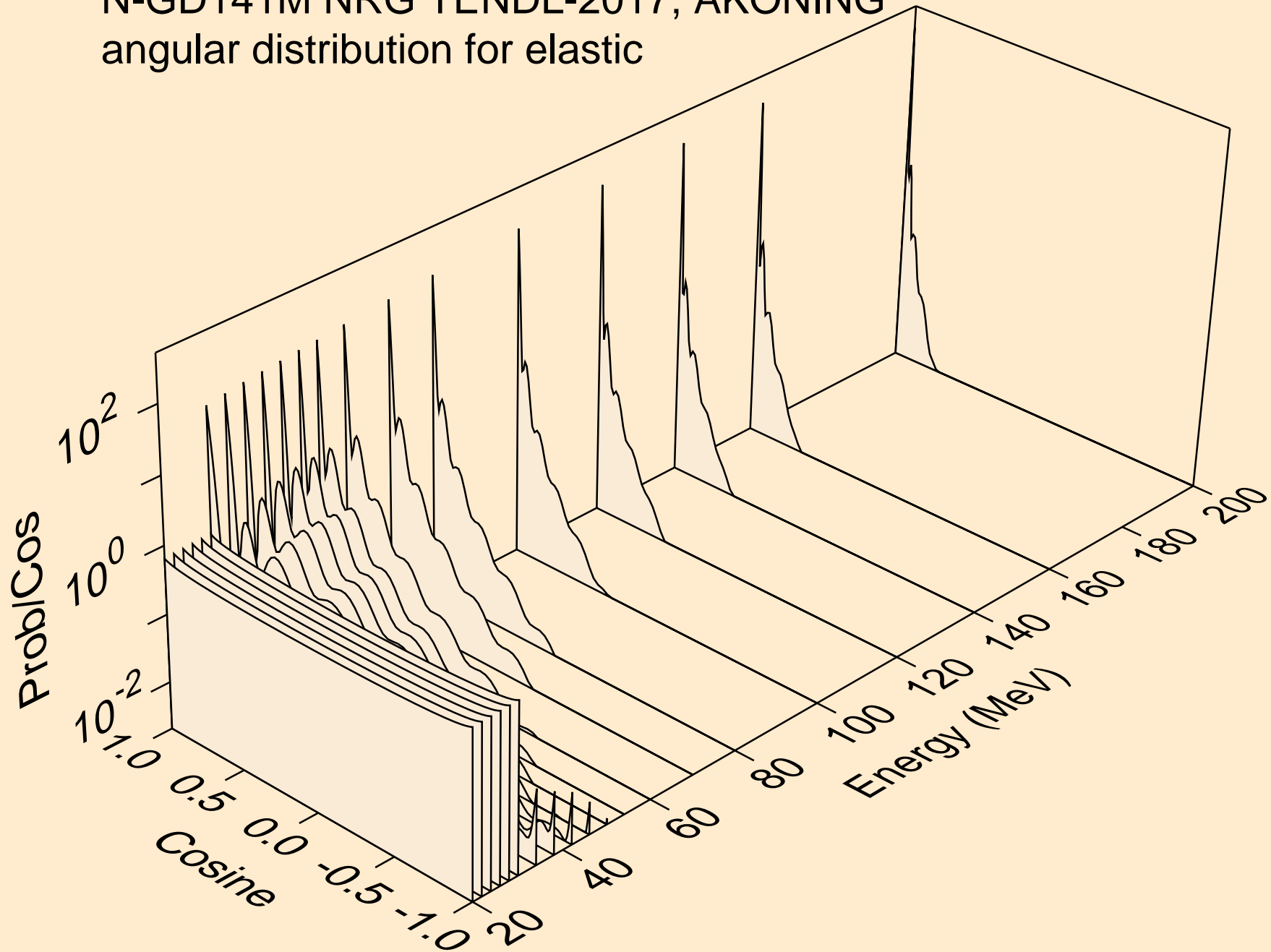




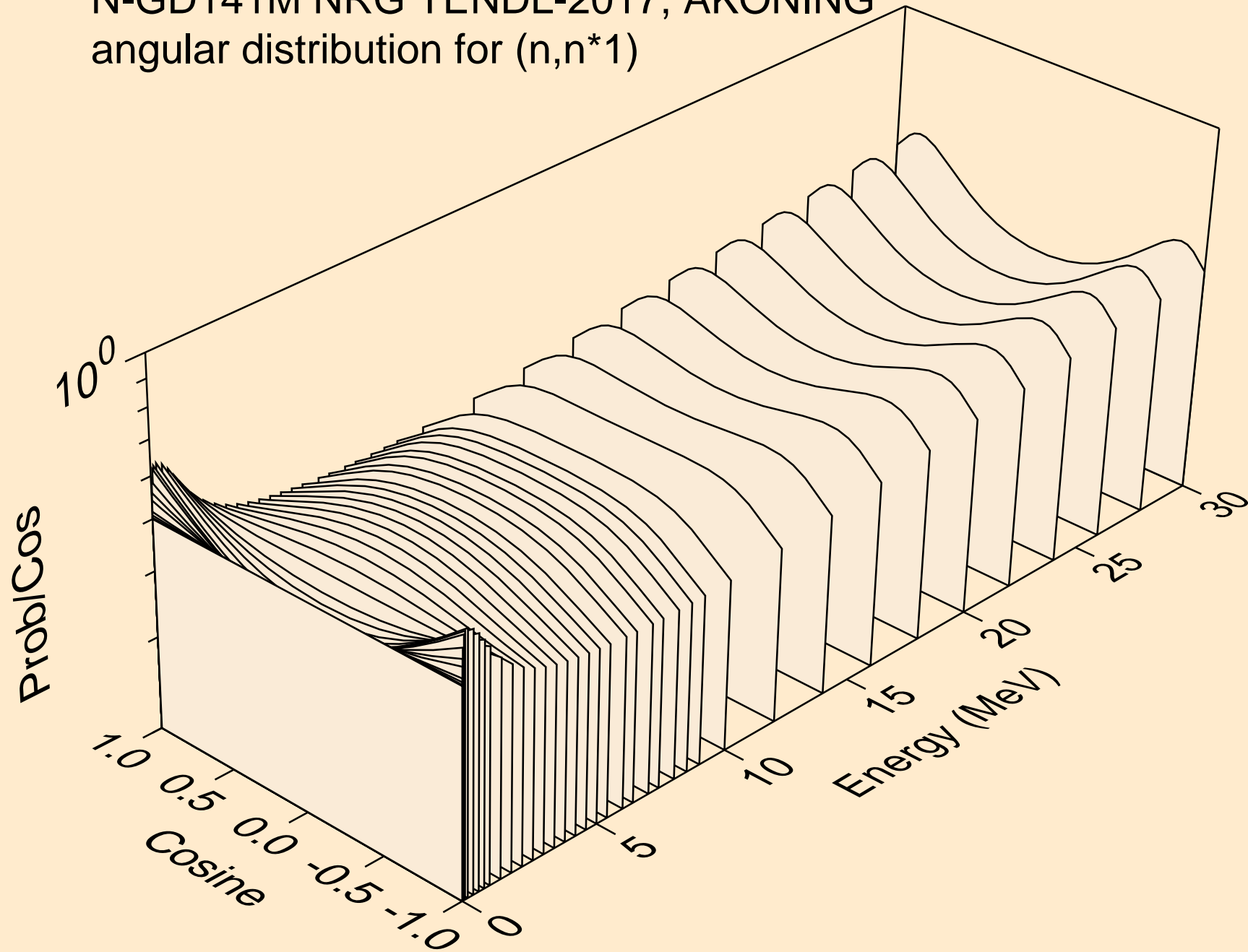
N-GD141M NRG TENDL-2017, AKONING  
angular distribution for elastic



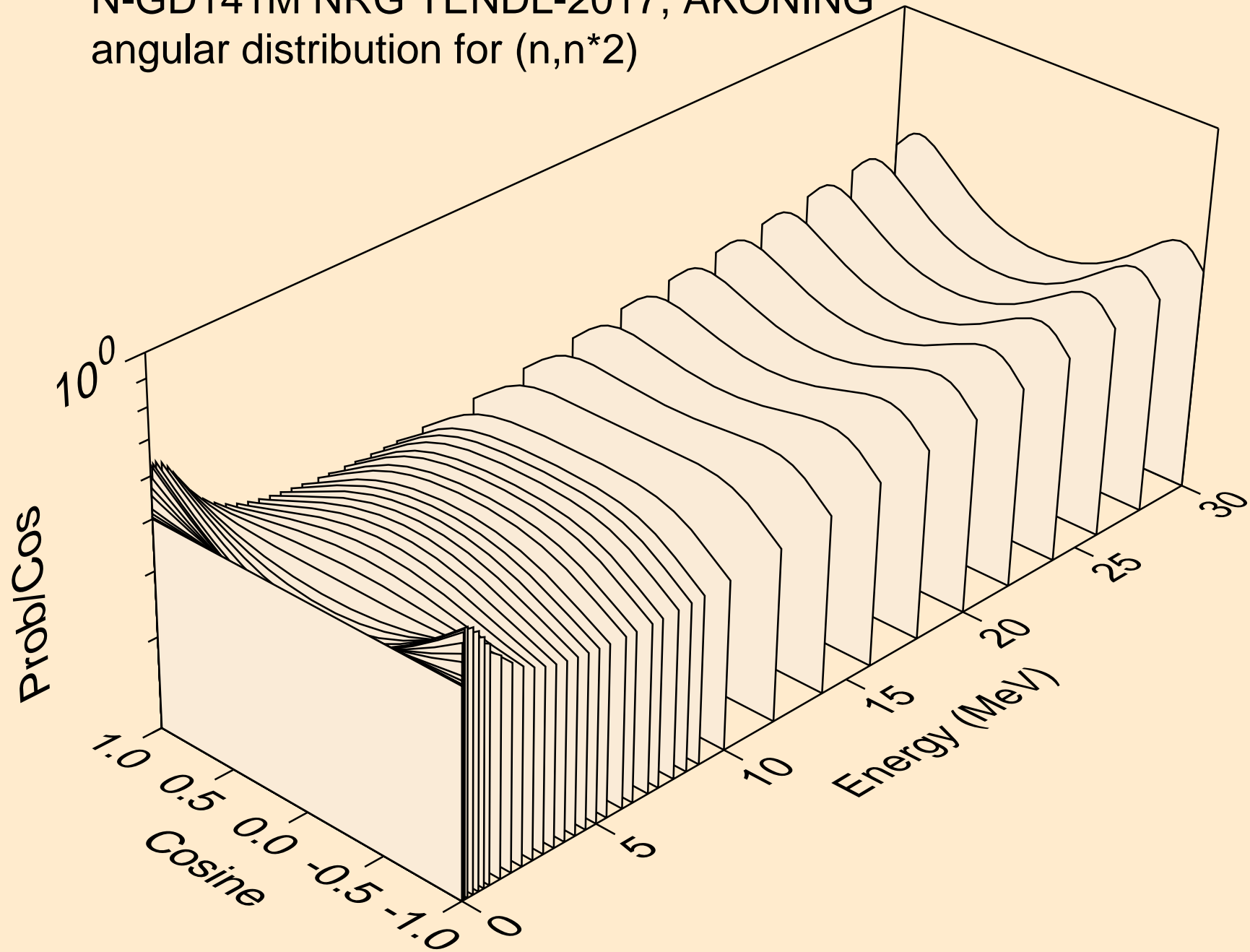
N-GD141M NRG TENDL-2017, AKONING  
angular distribution for elastic



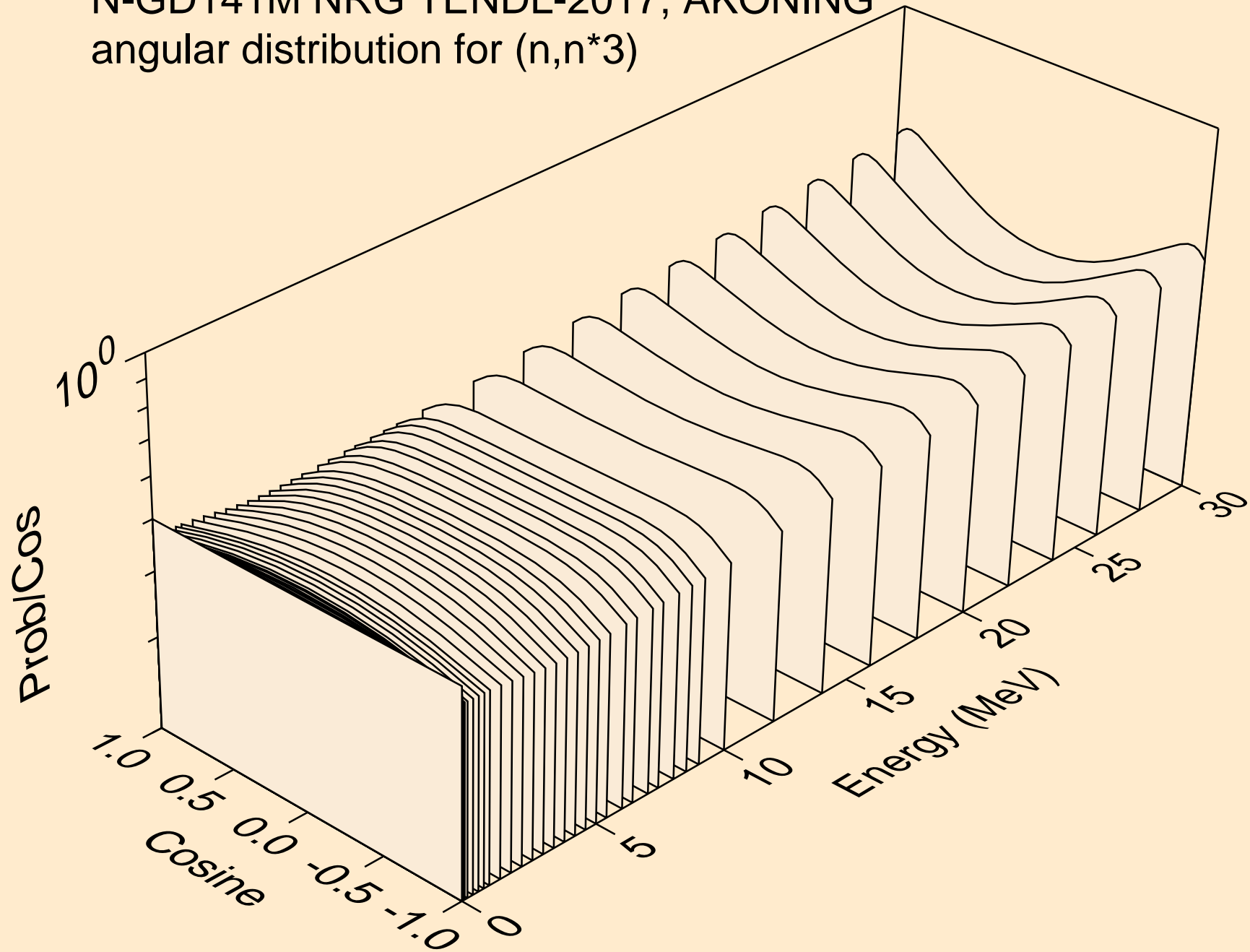
N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*1)



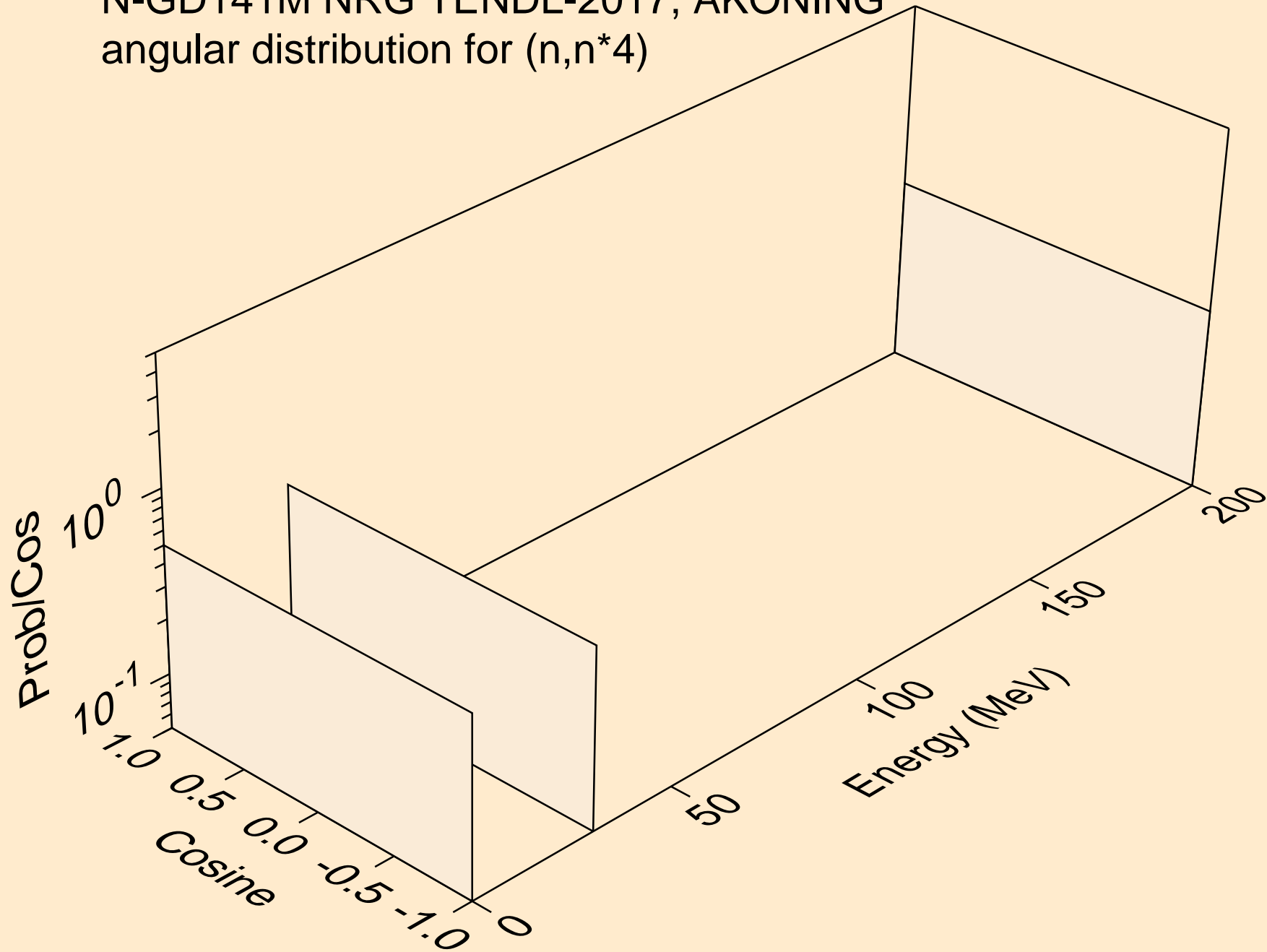
N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*2)



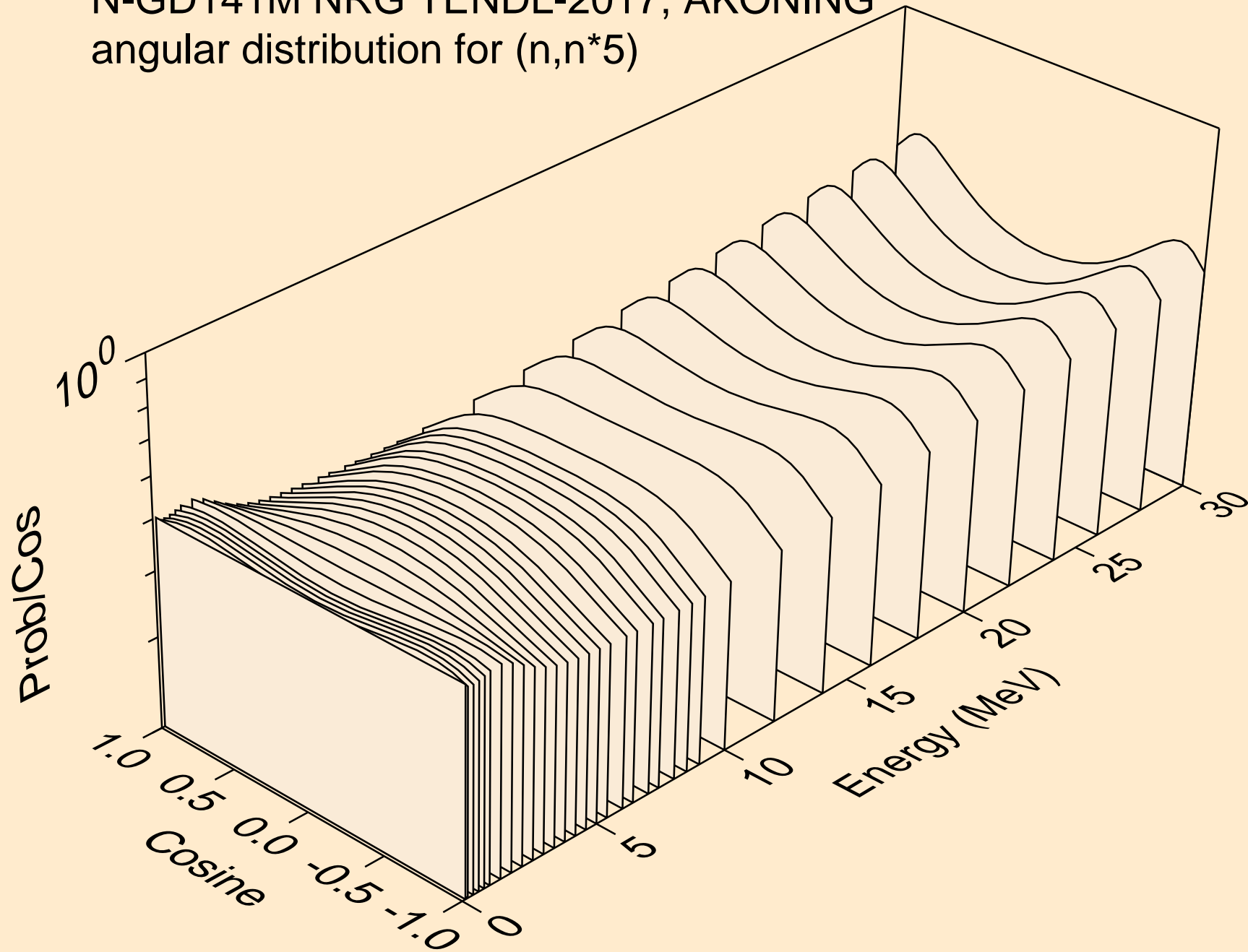
N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*3)



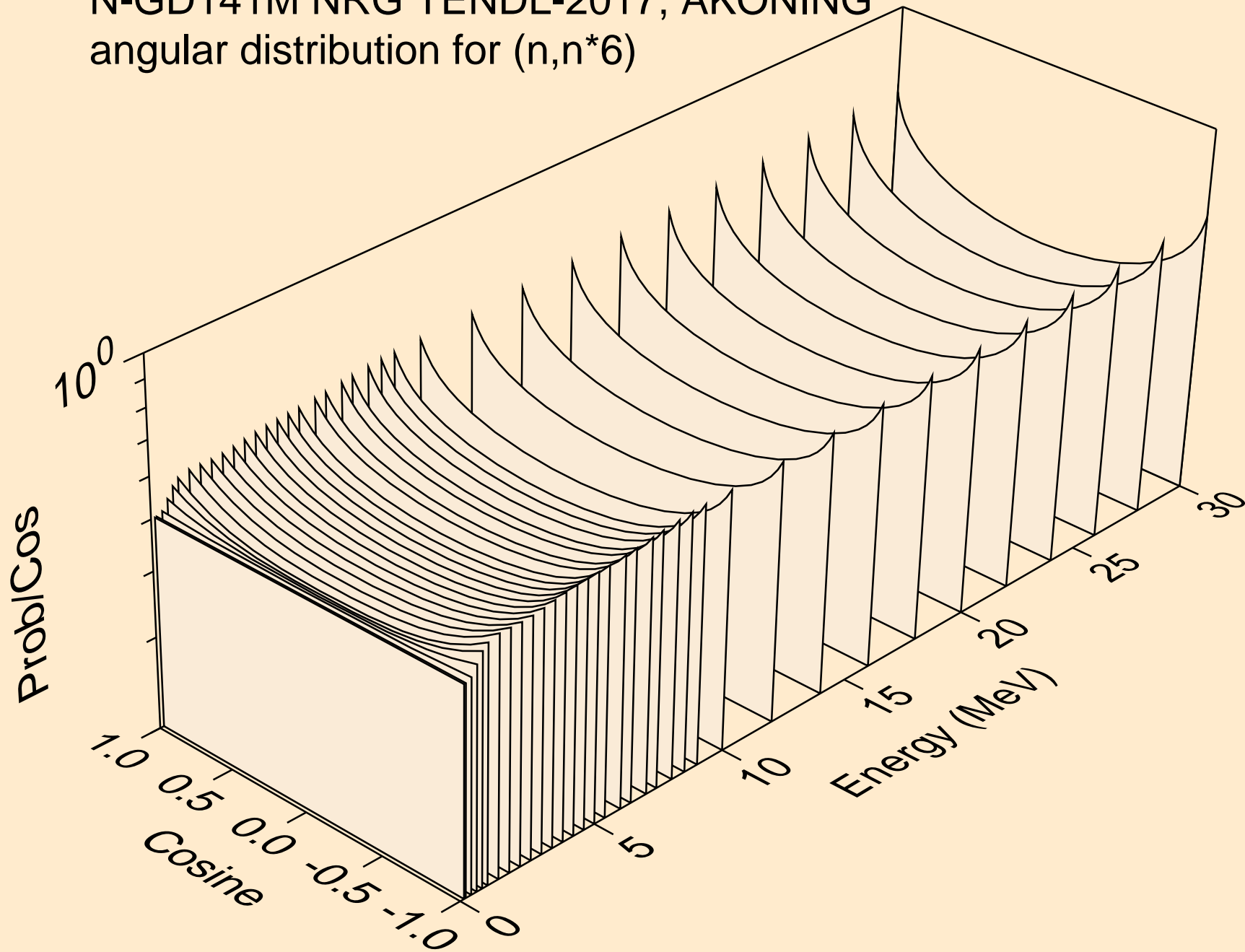
N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*4)



N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*5)

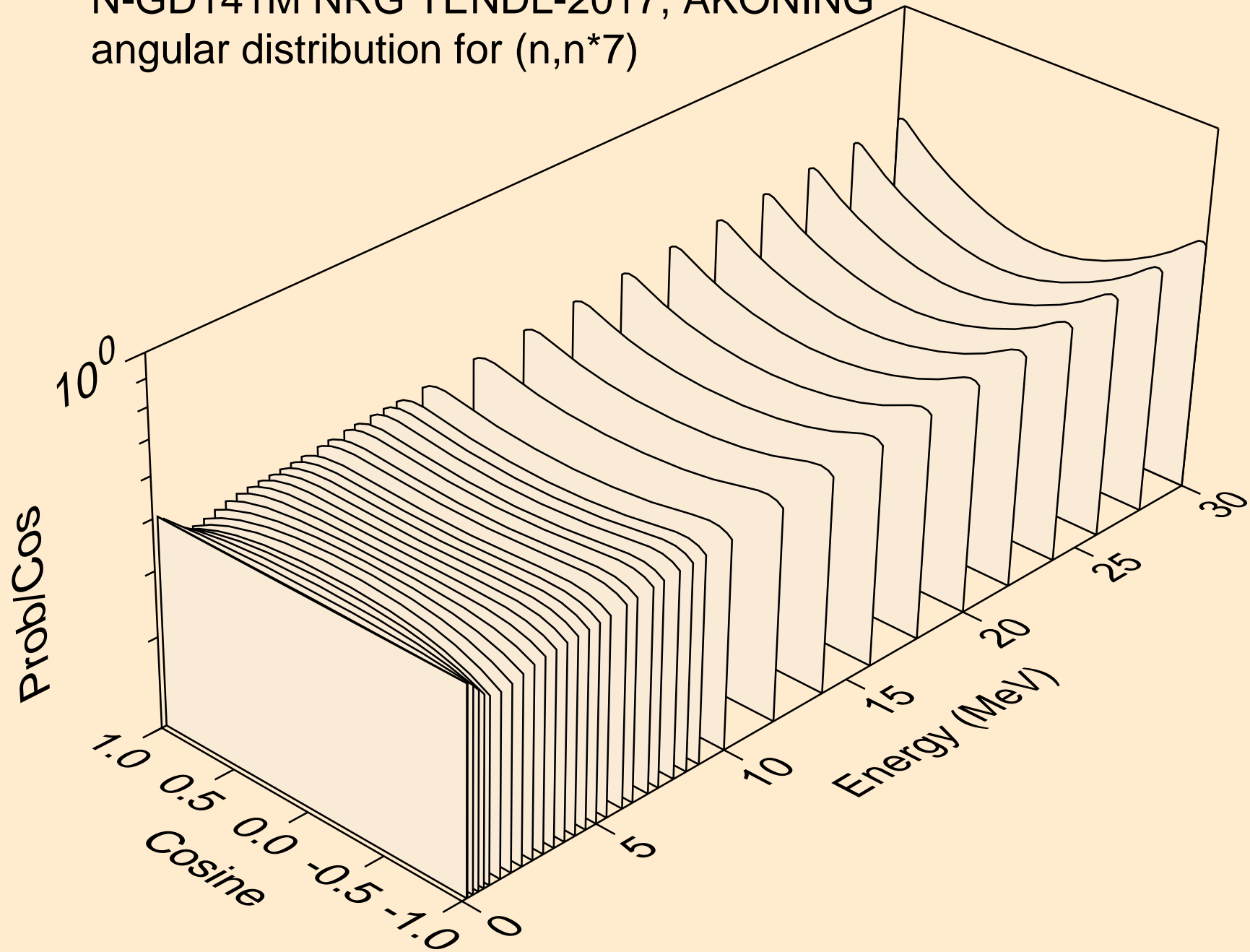


N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*6)

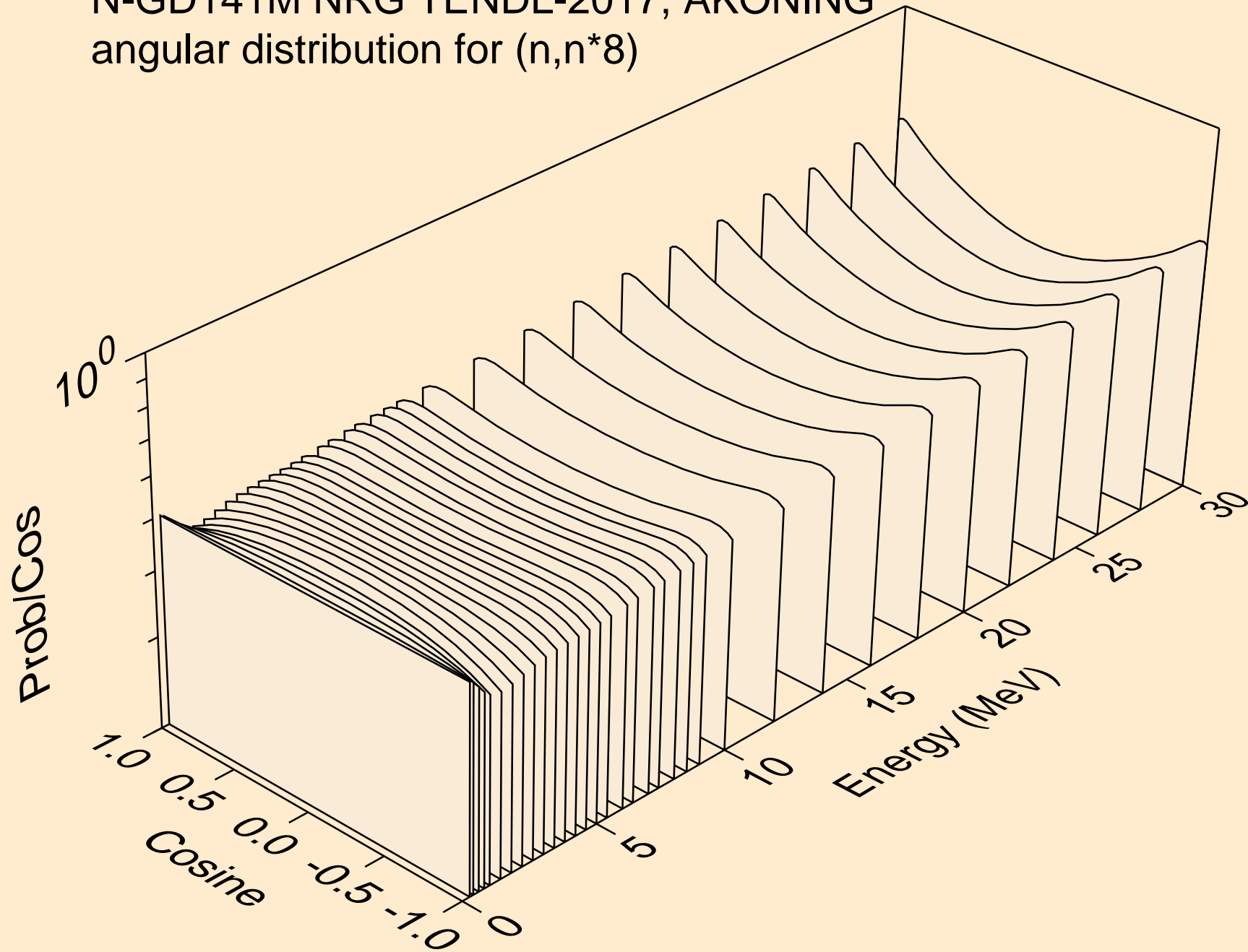




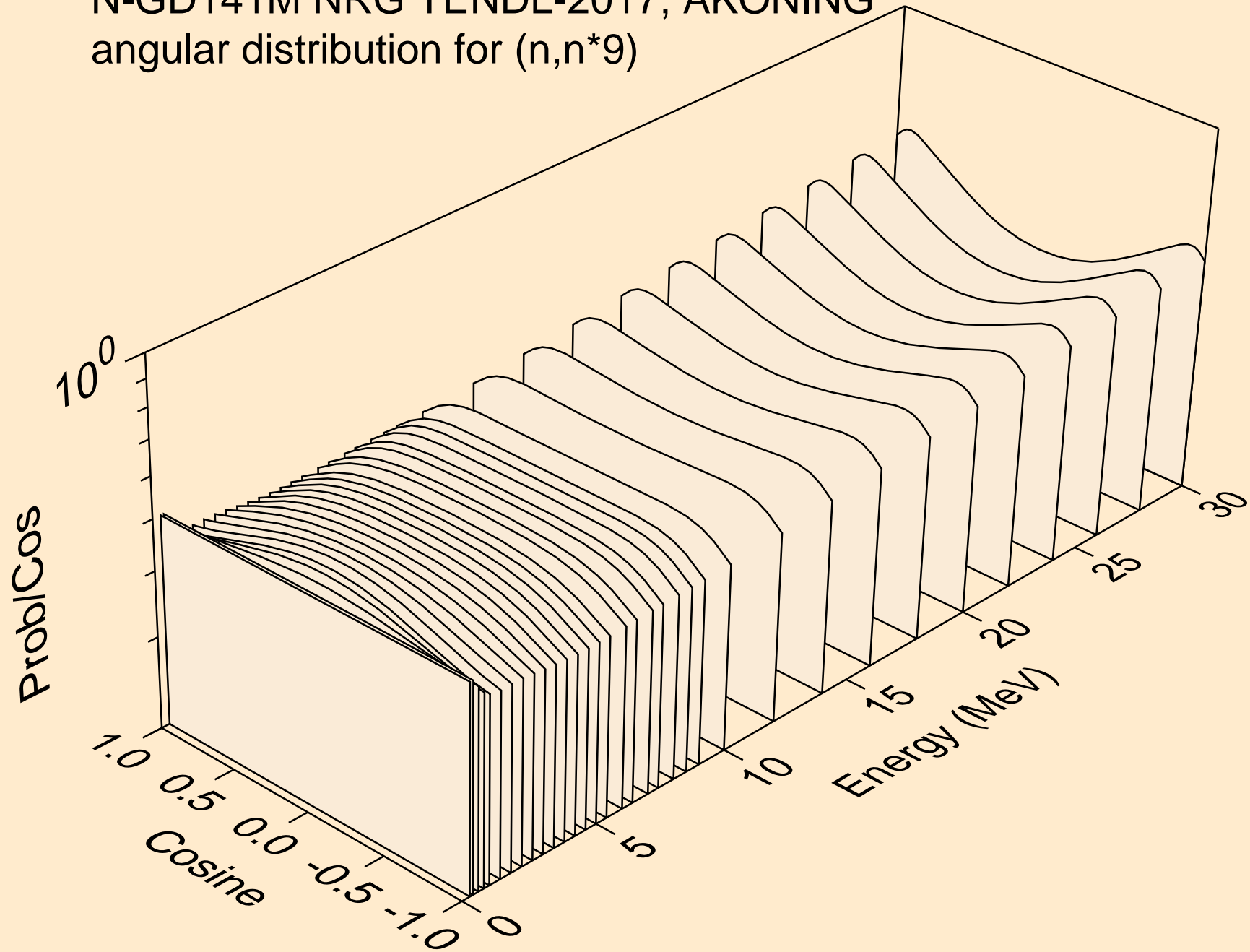
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angular distribution for (n,n\*7)



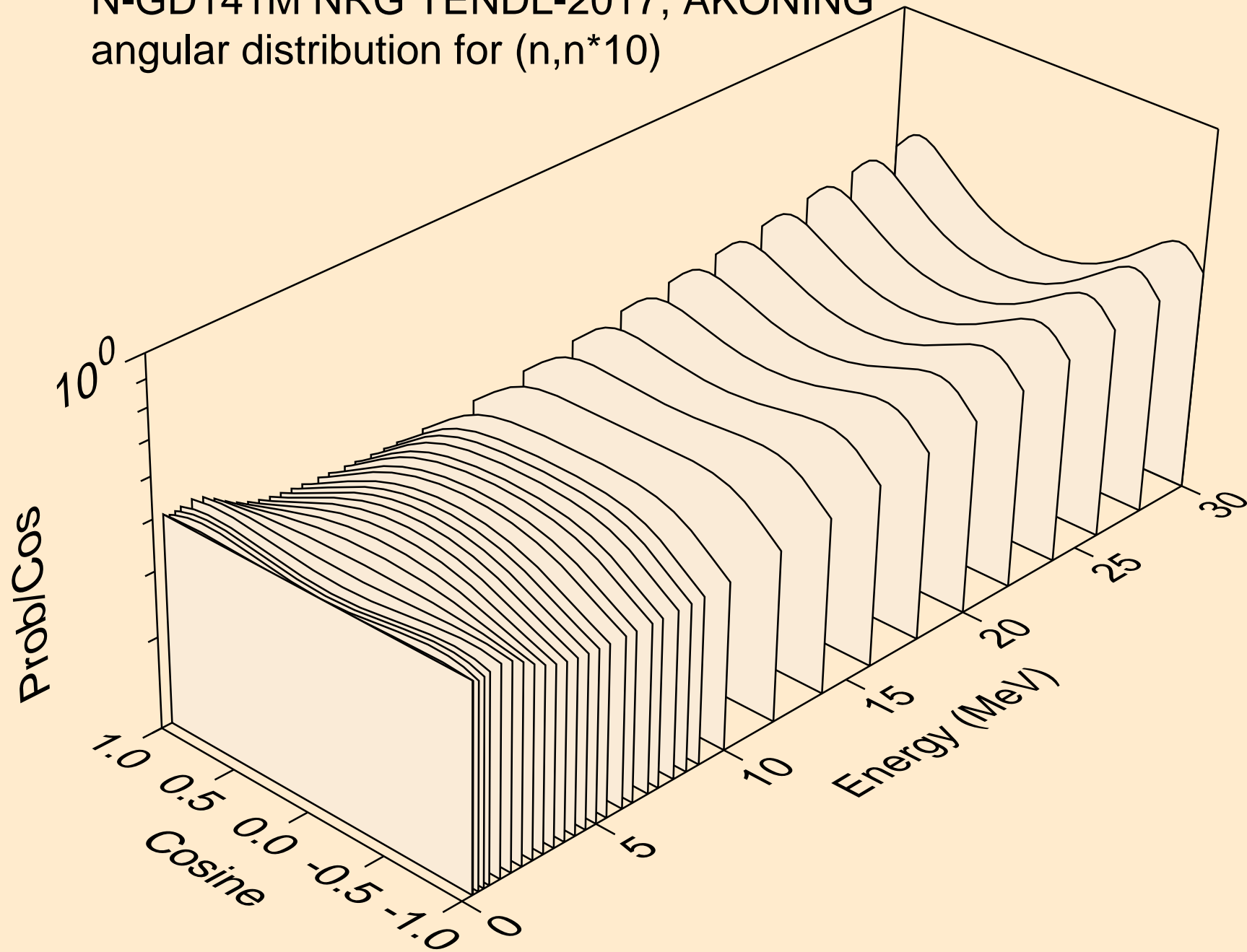
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angular distribution for (n,n\*8)



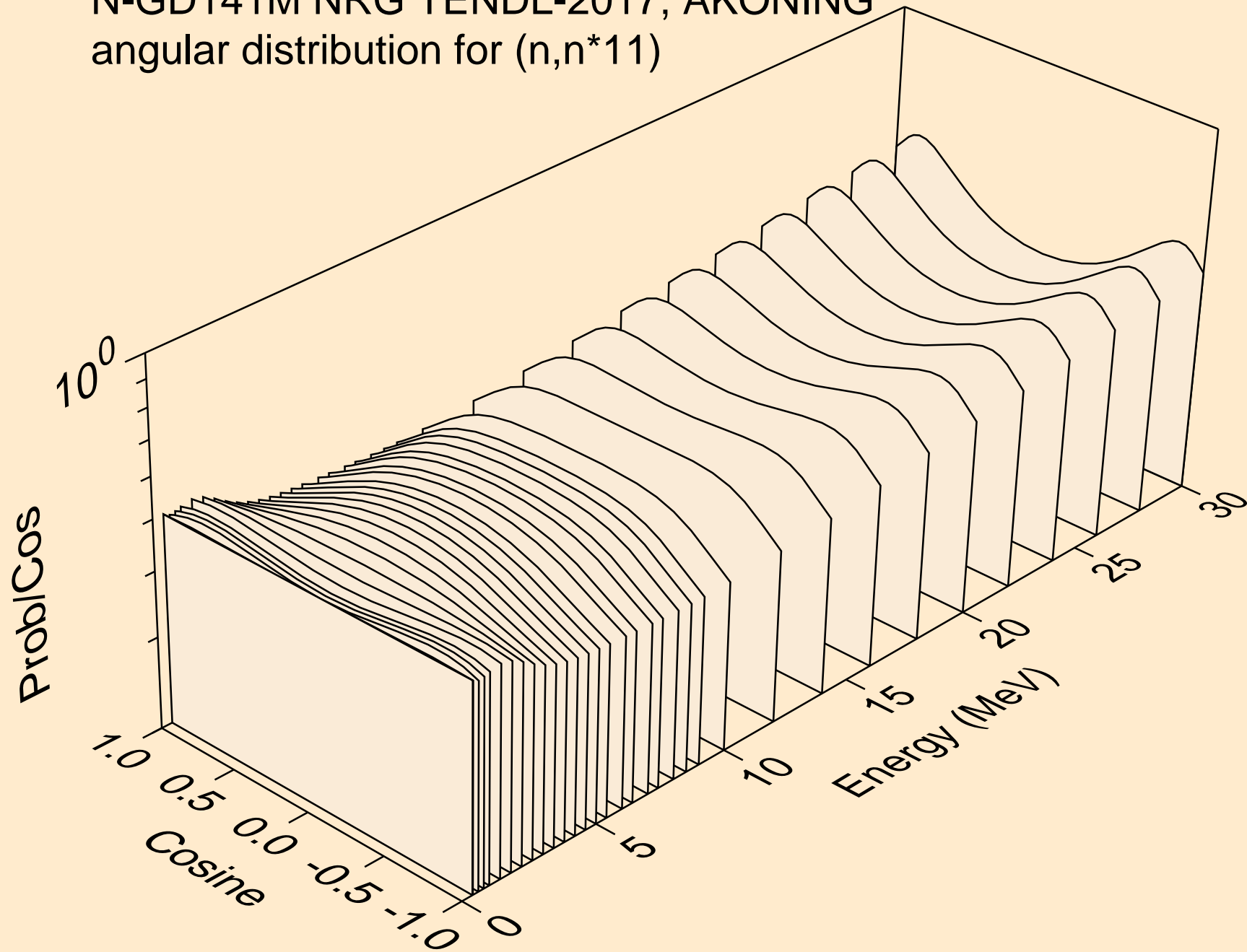
N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*9)



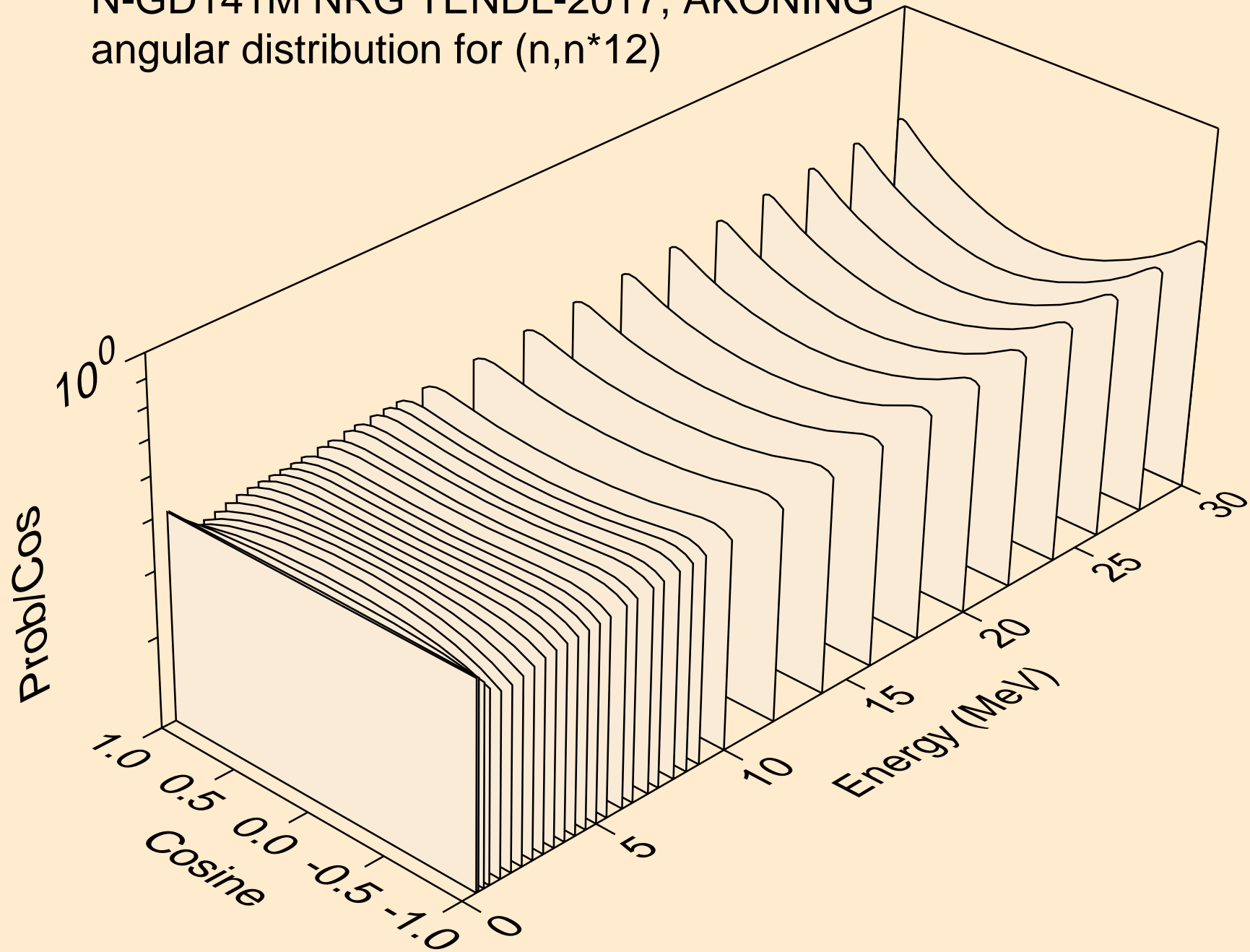
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angular distribution for (n,n\*10)



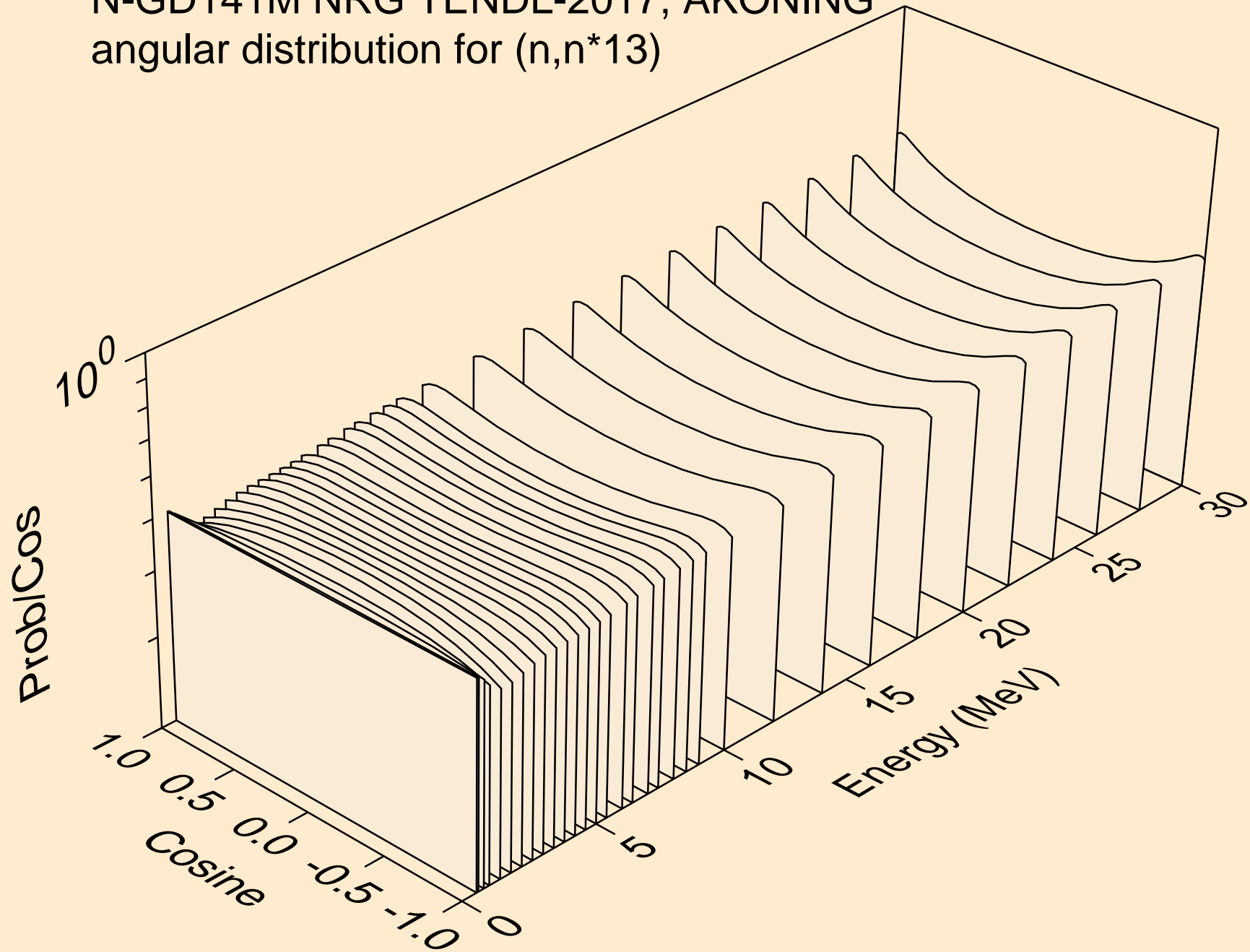
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angular distribution for (n,n\*11)



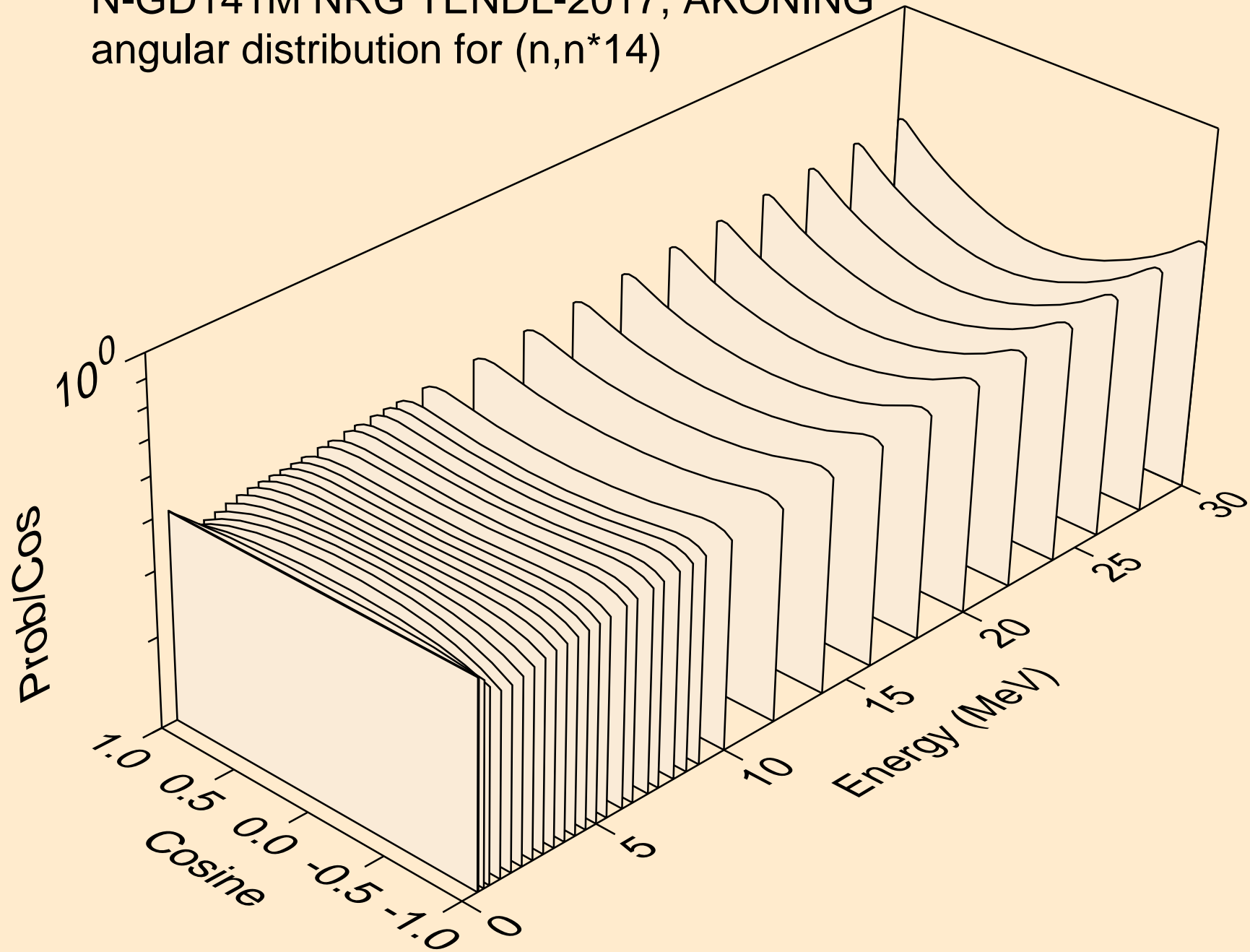
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angular distribution for (n,n\*12)



N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*13)

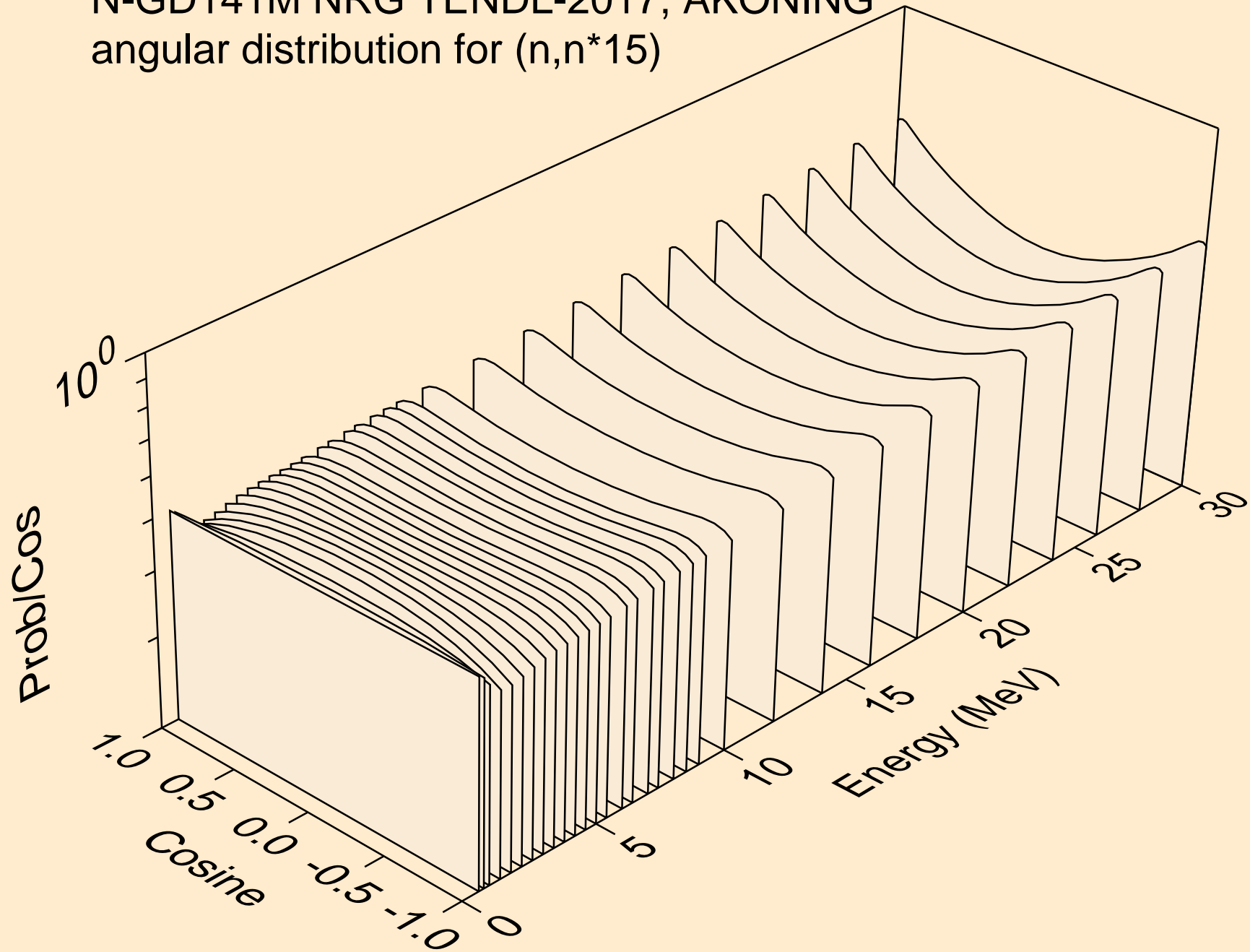


N-GD141M NRG TENDL-2017, AKONING  
angular distribution for (n,n\*14)

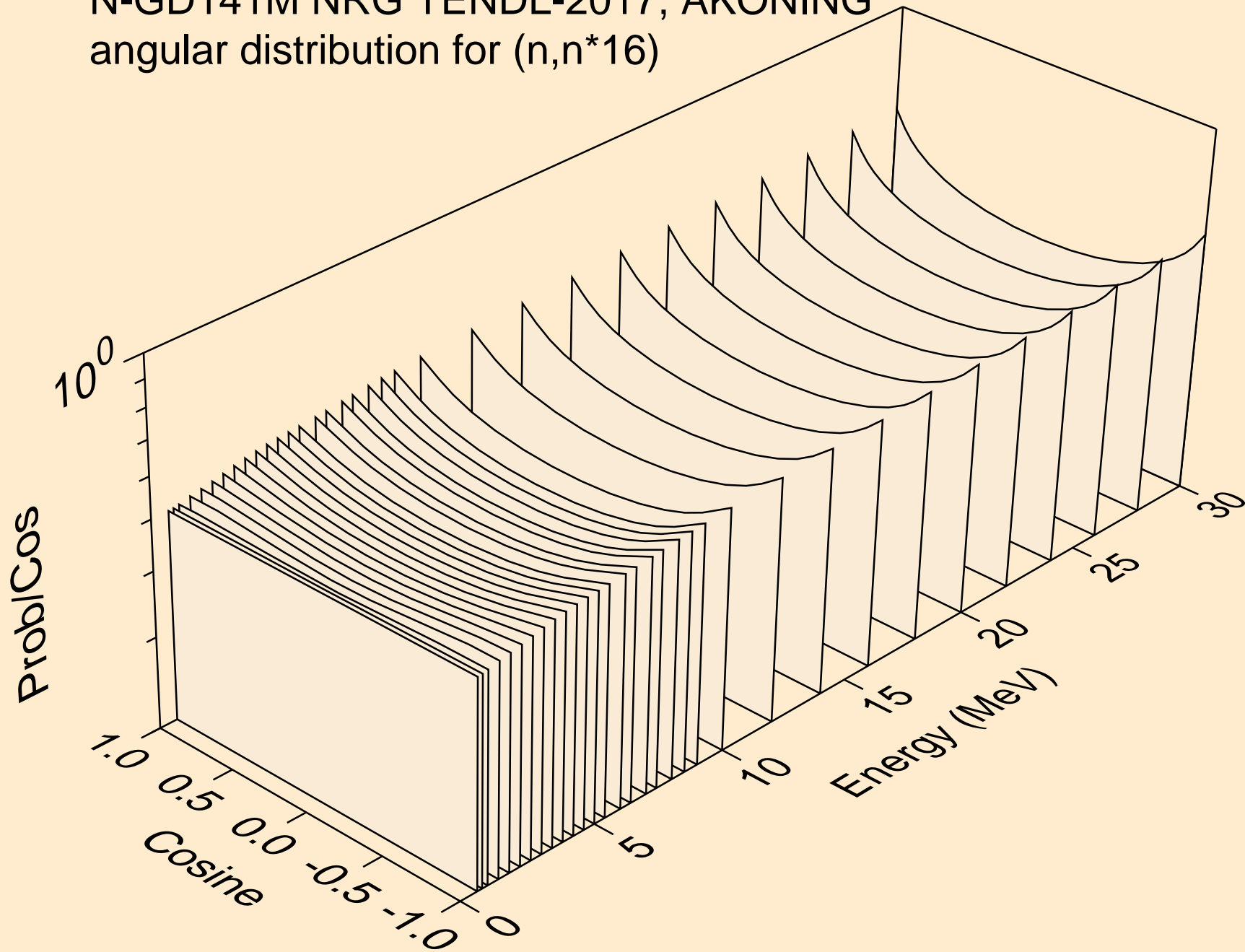




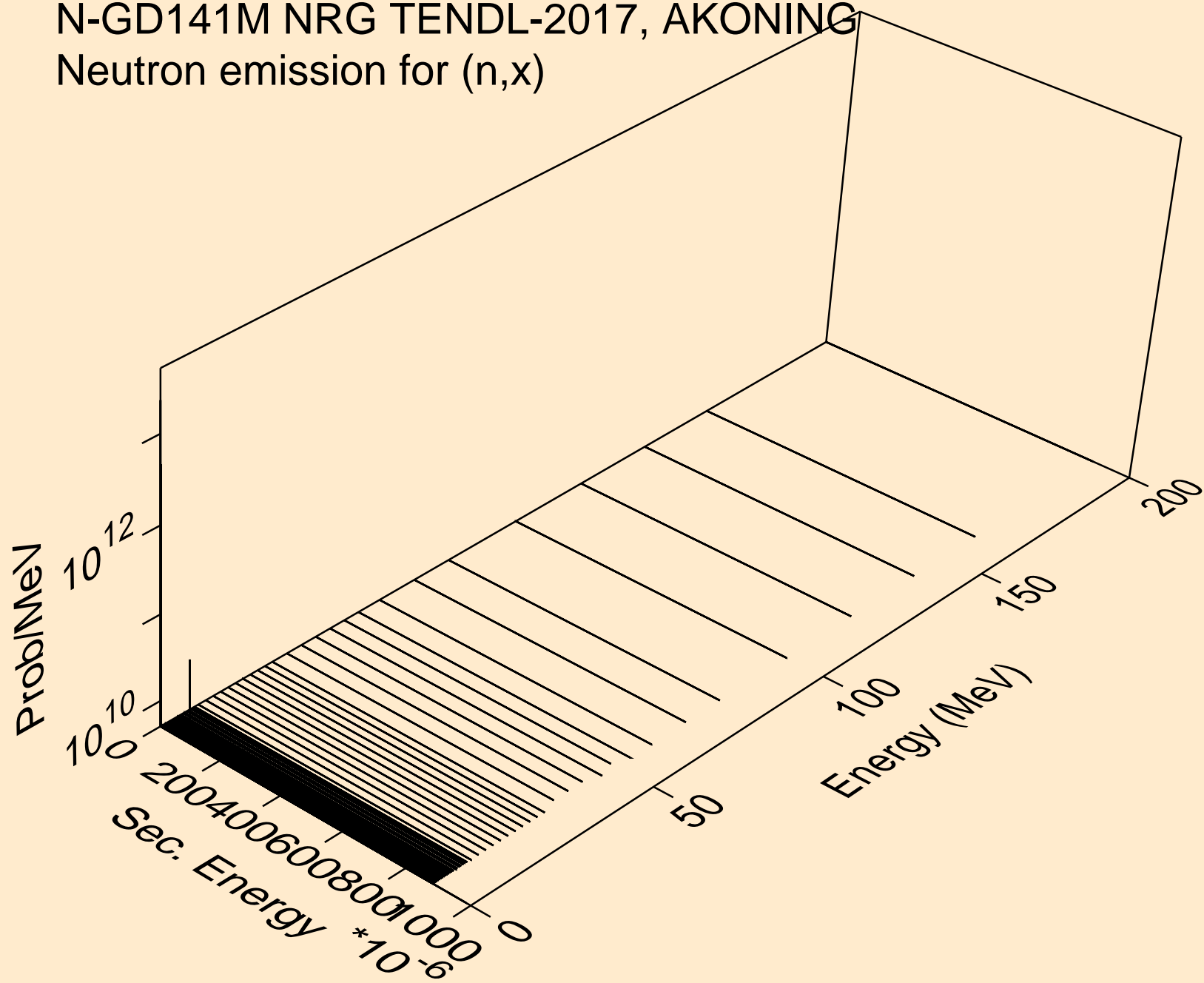
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angular distribution for (n,n\*15)



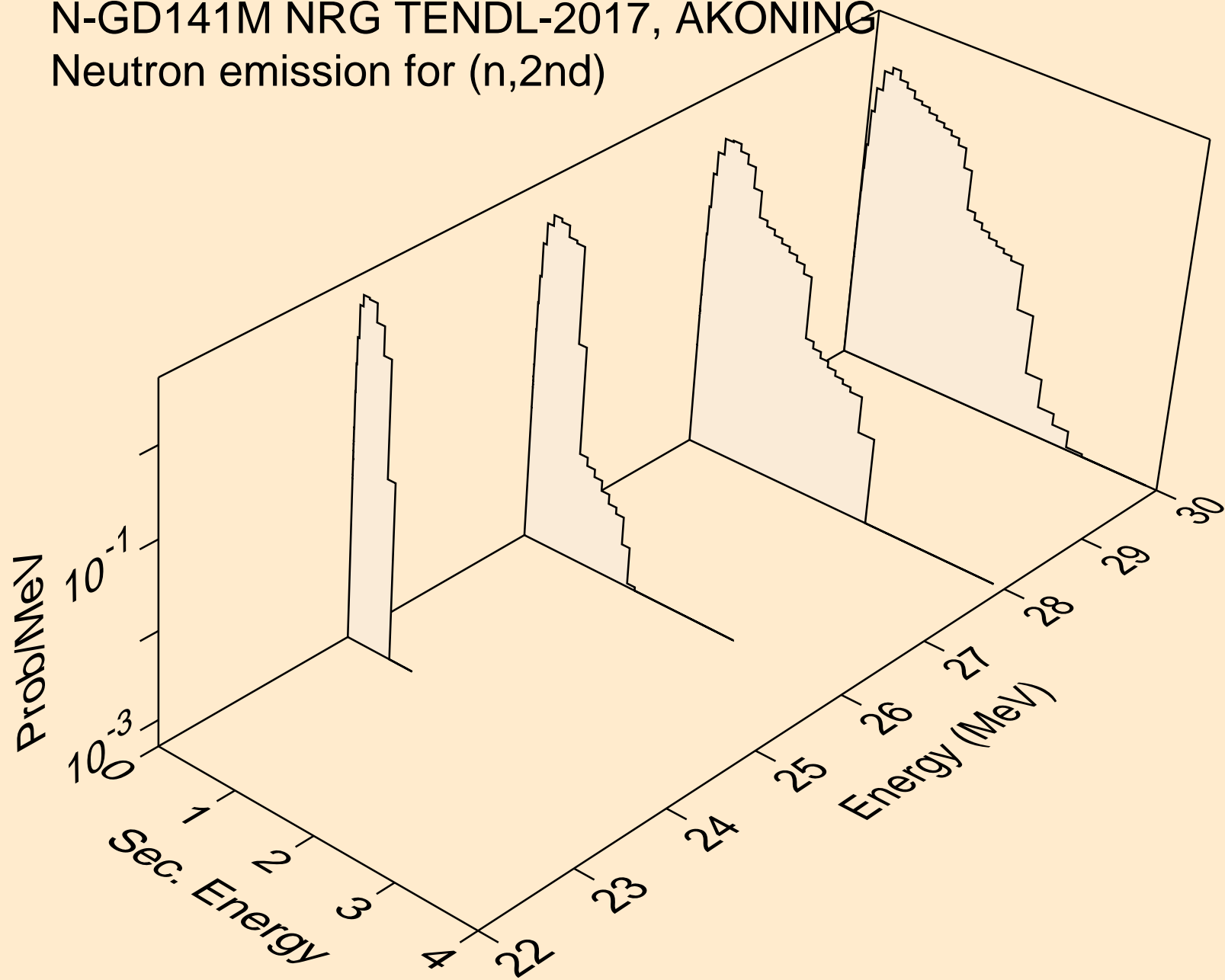
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angular distribution for (n,n\*16)



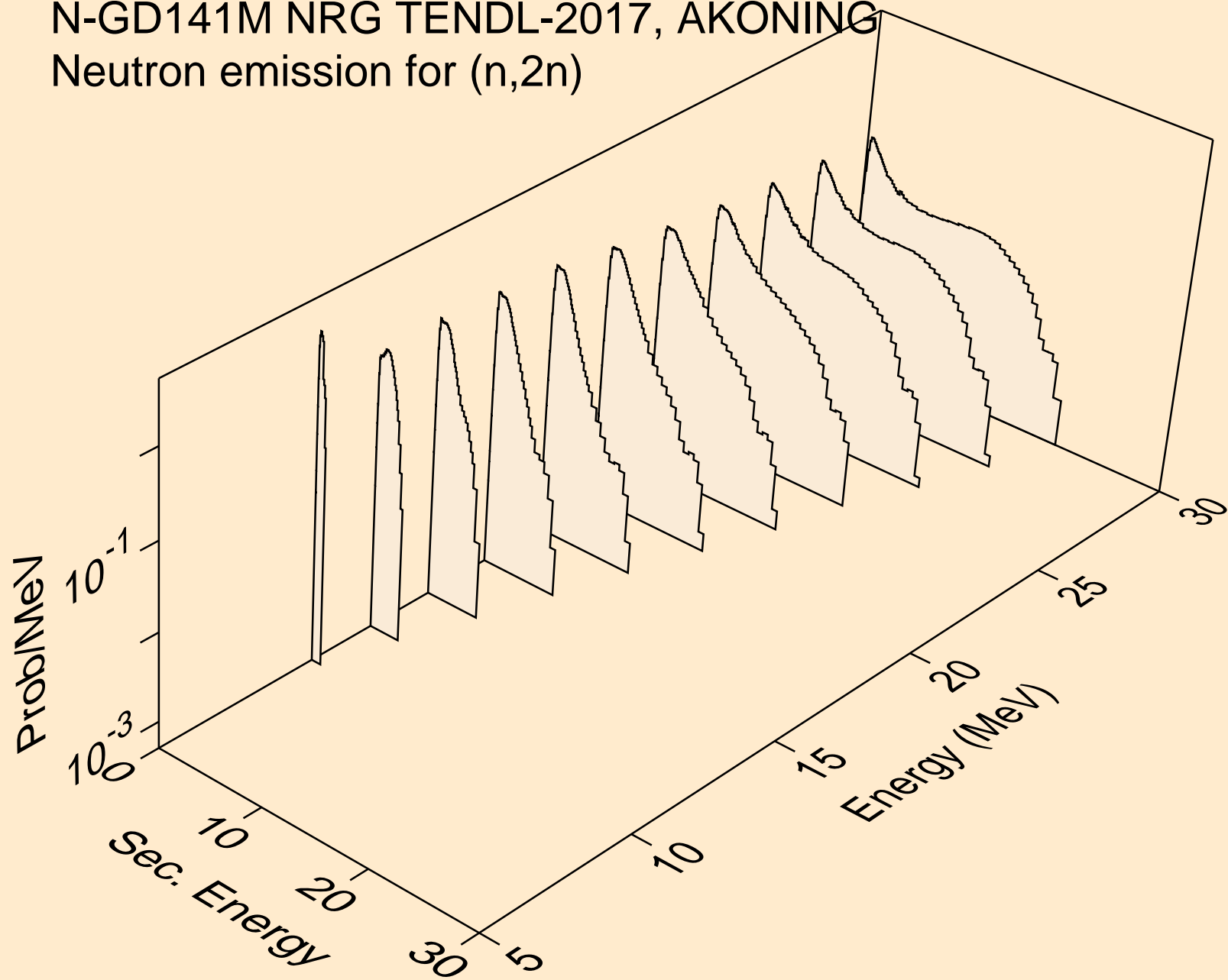
N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,x)



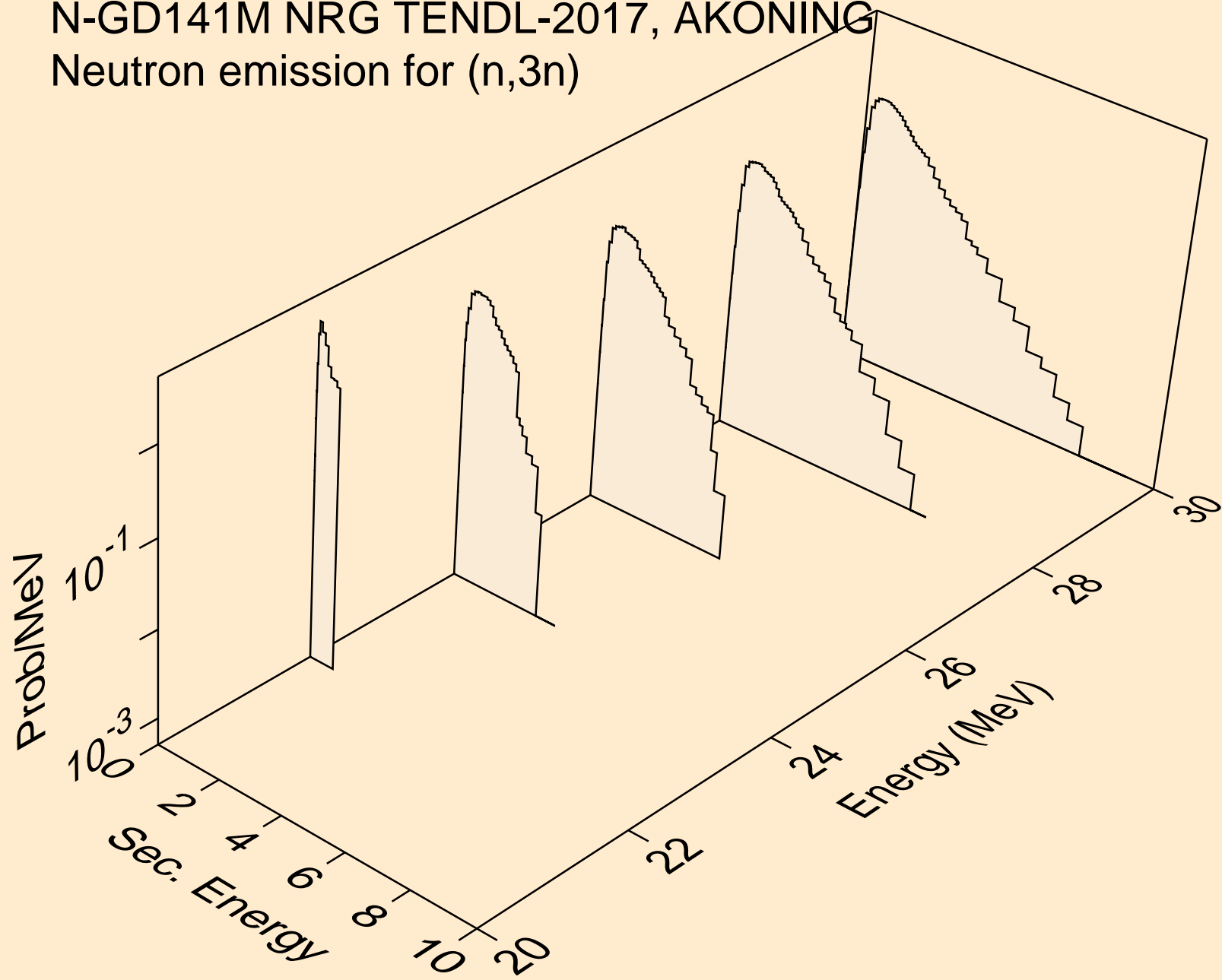
N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,2nd)



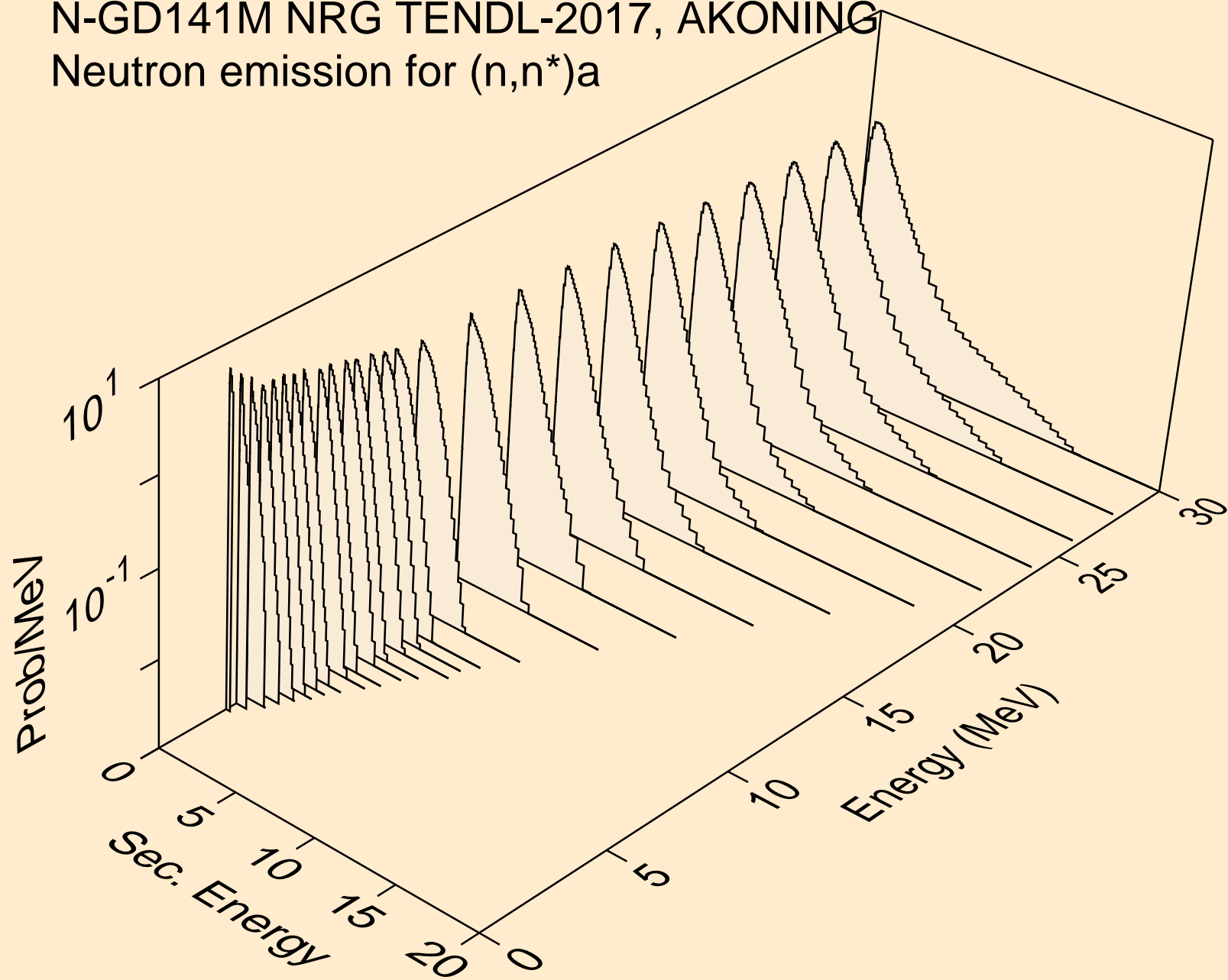
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Neutron emission for (n,2n)



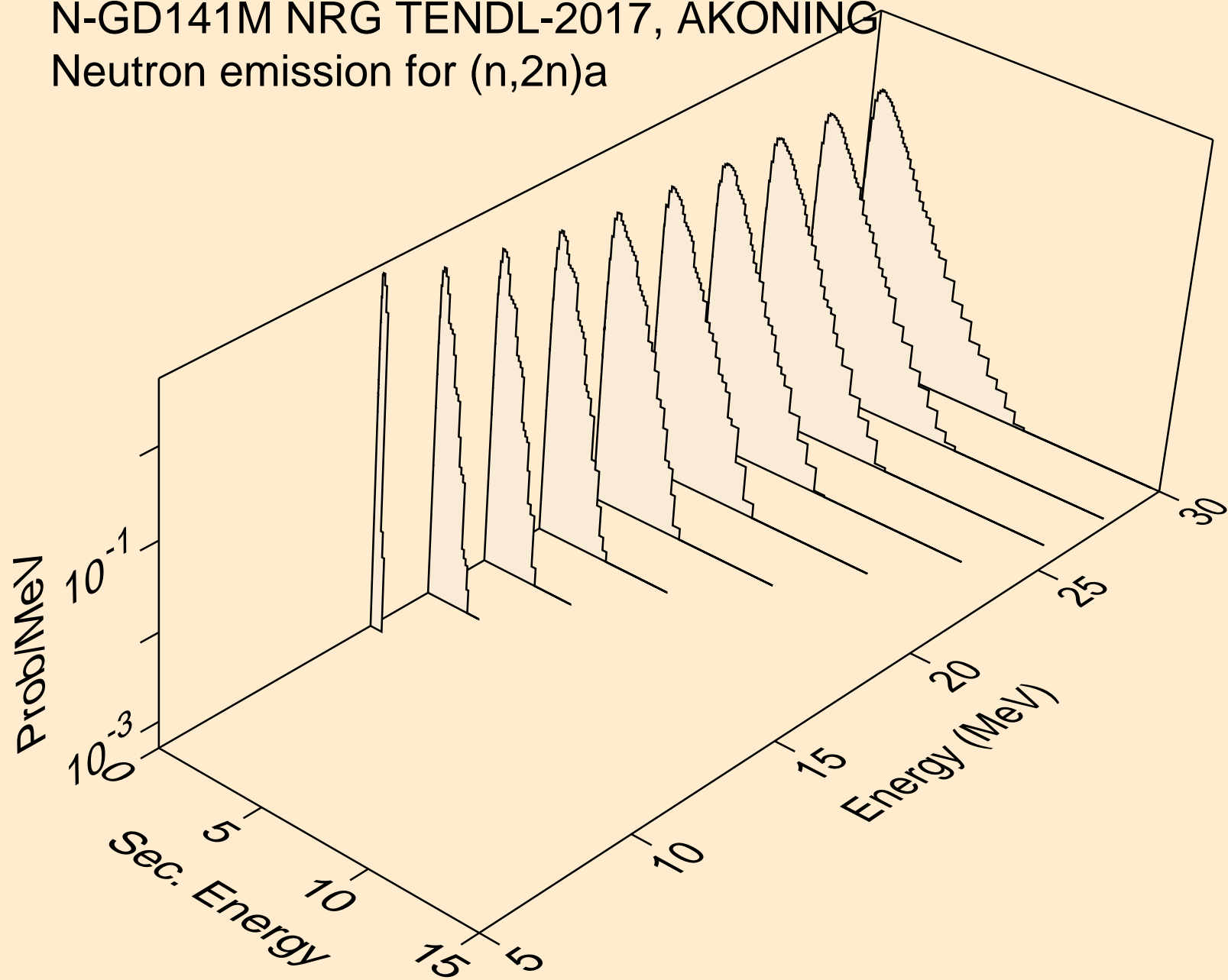
N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)



N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)a

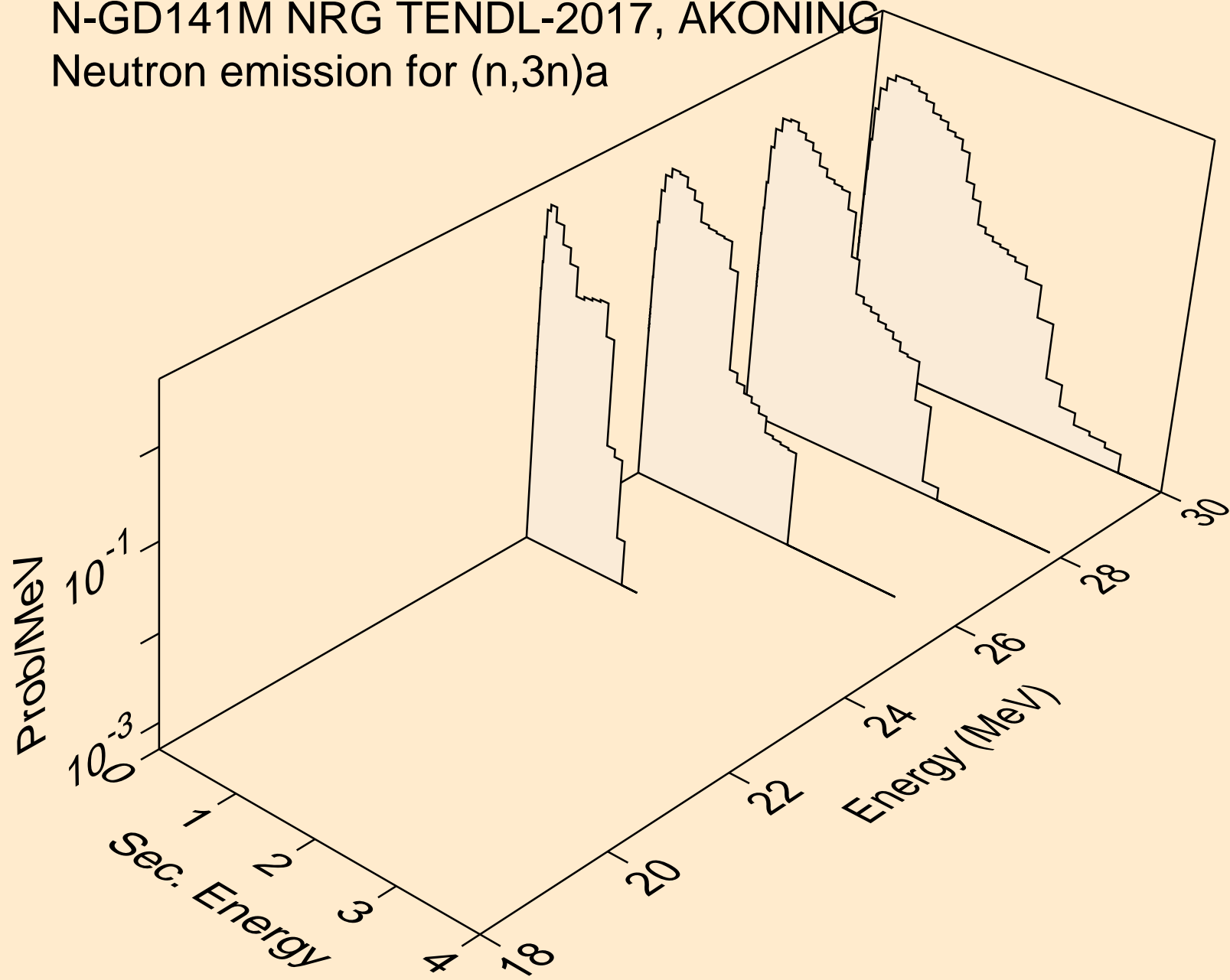


N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)a

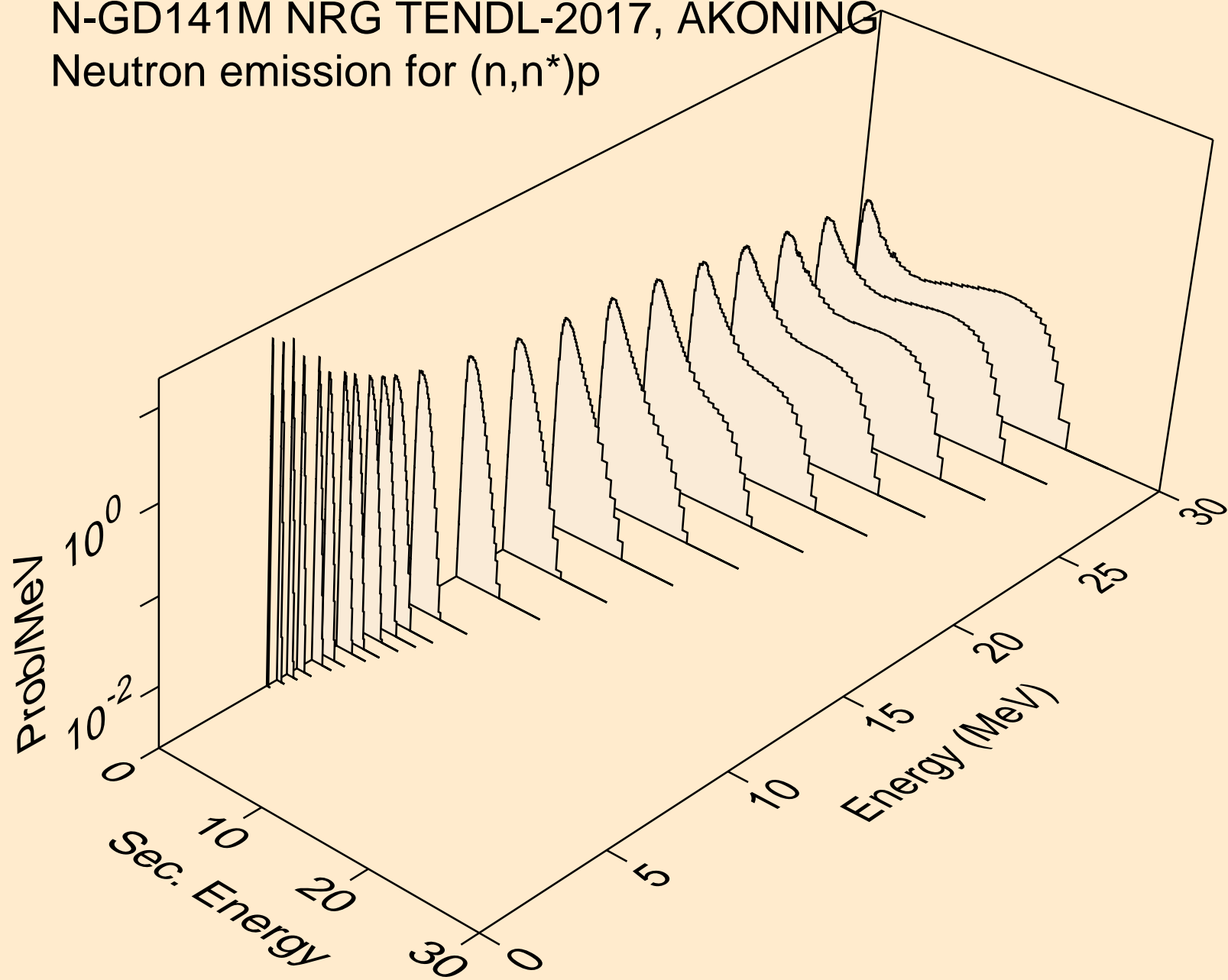




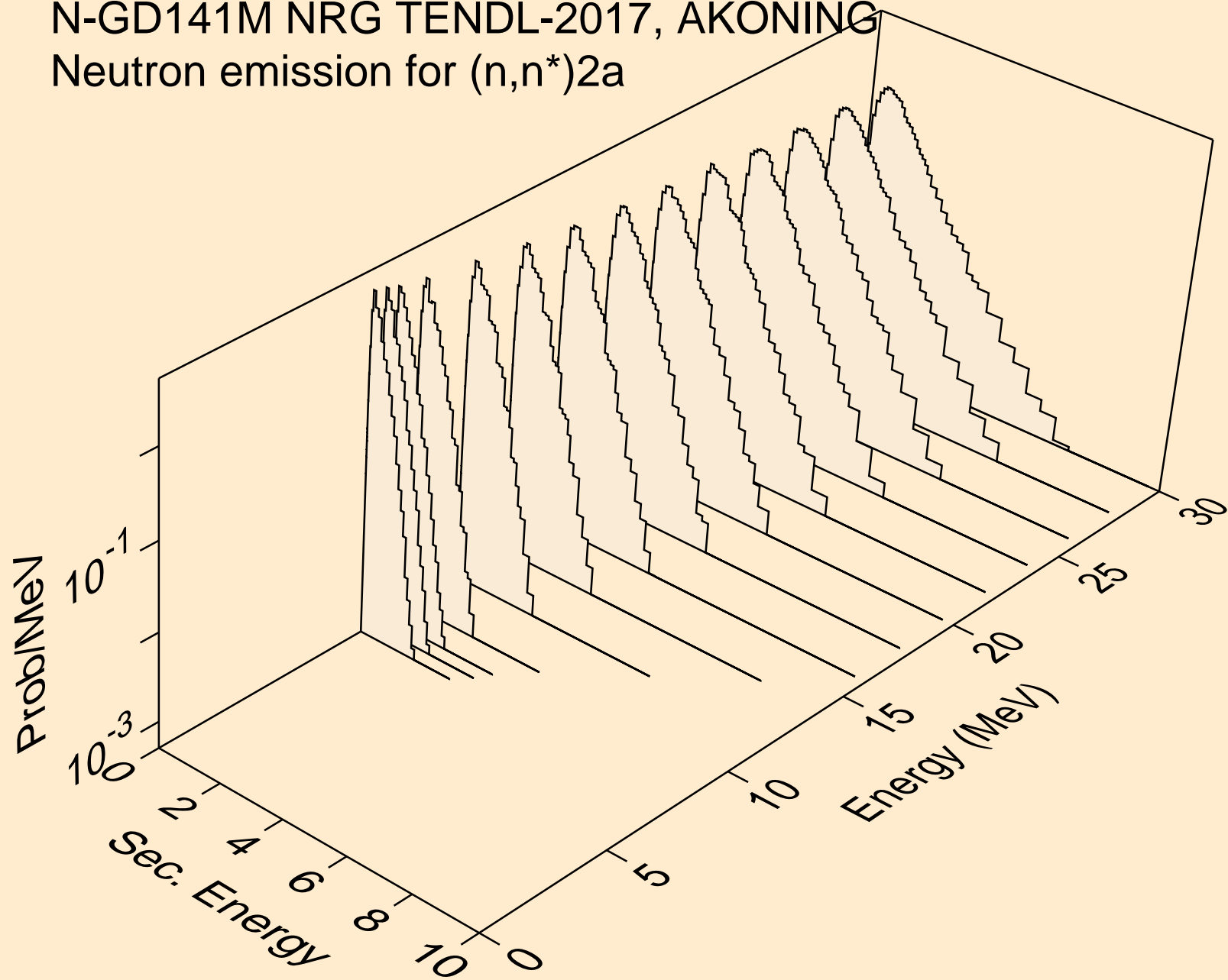
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Neutron emission for (n,3n)a



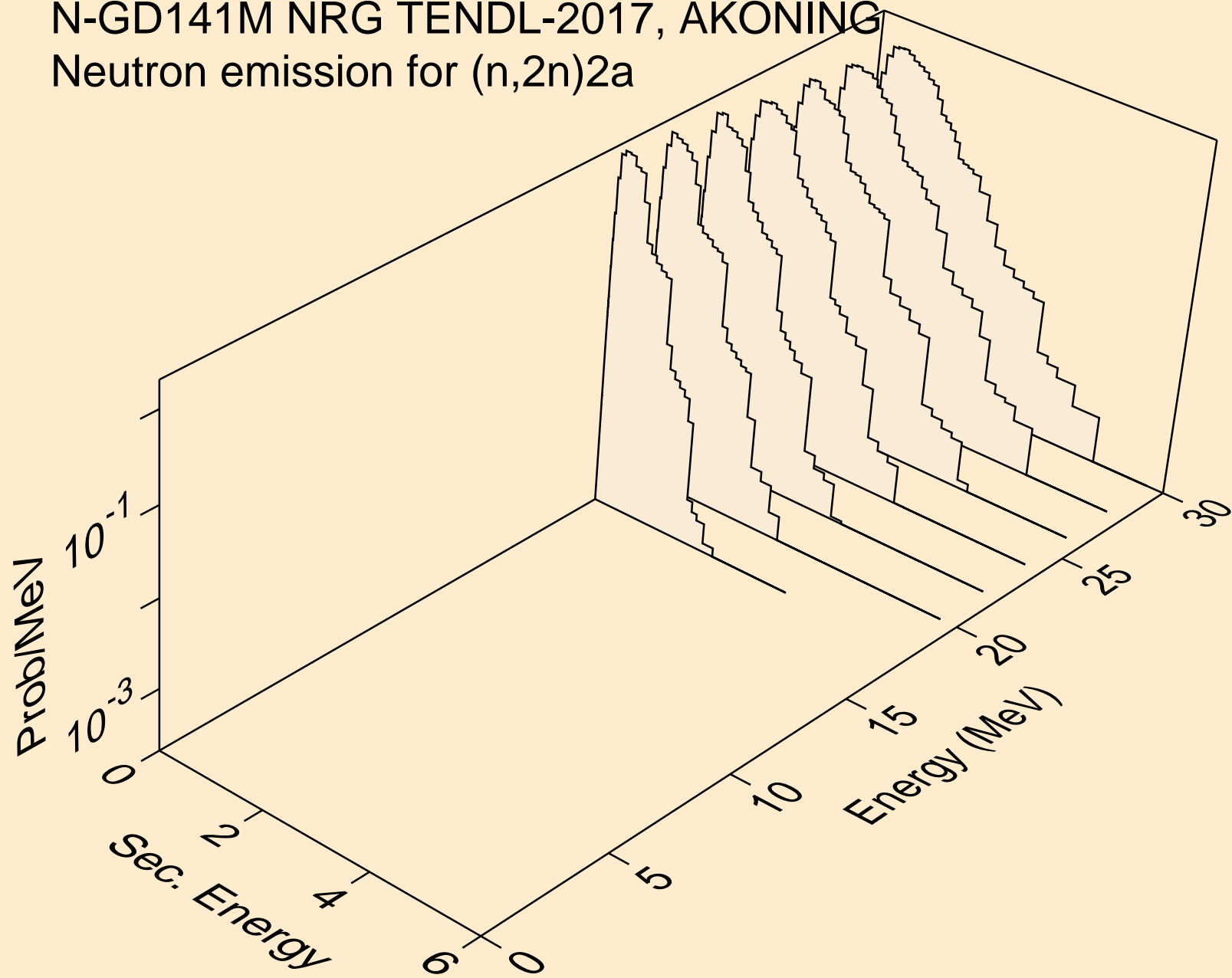
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Neutron emission for (n,n\*)p



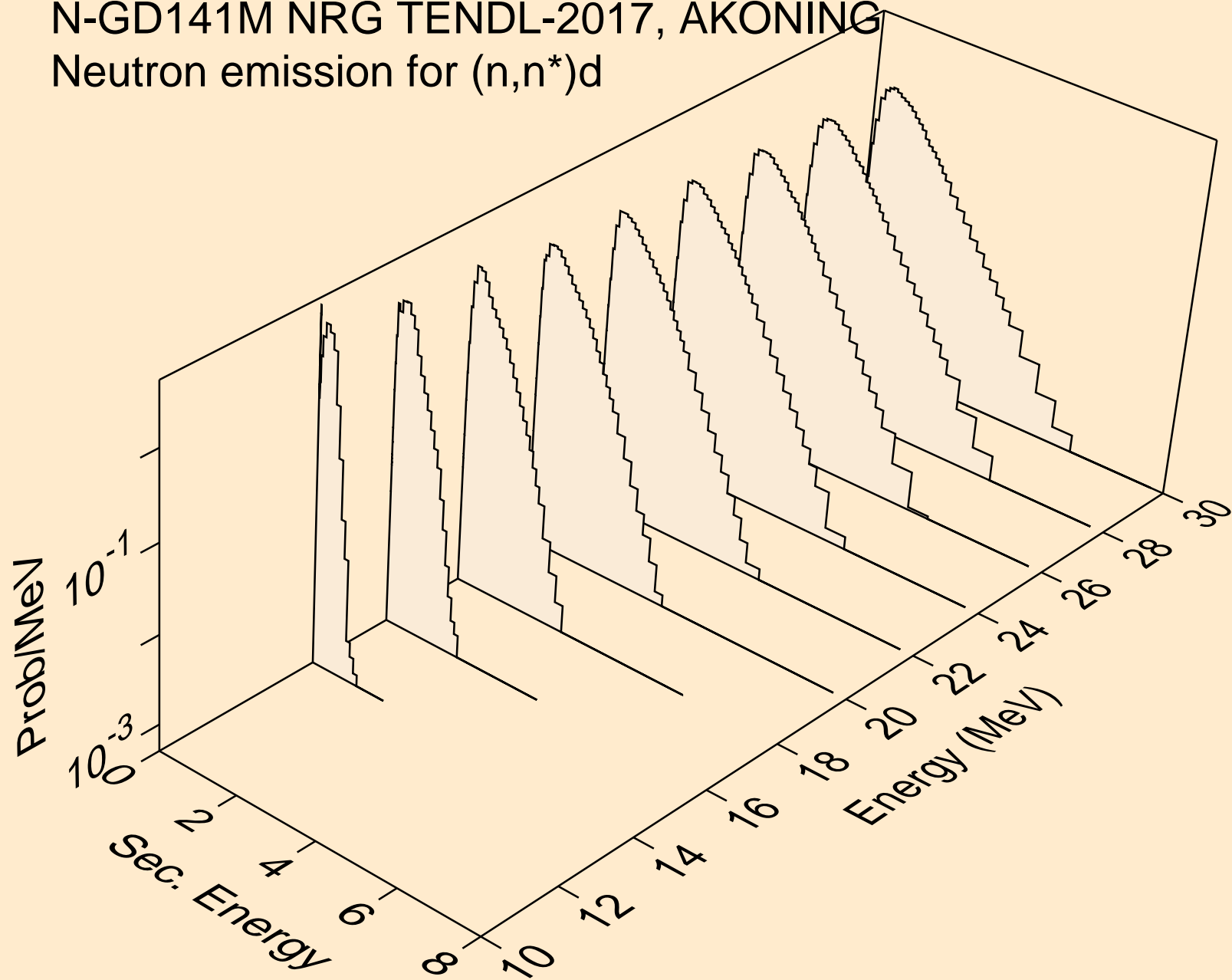
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Neutron emission for (n,n\*)2a



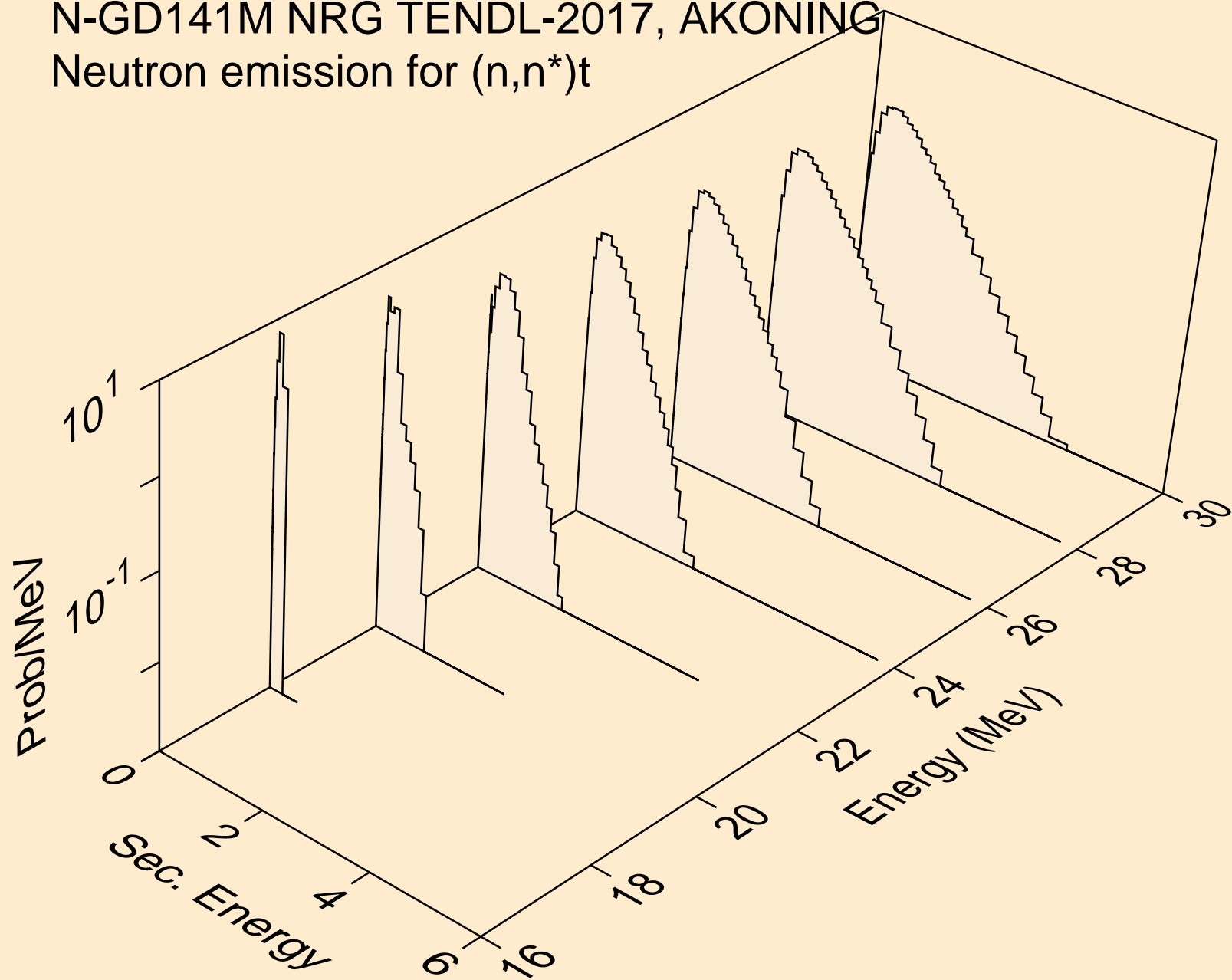
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Neutron emission for (n,2n)2a



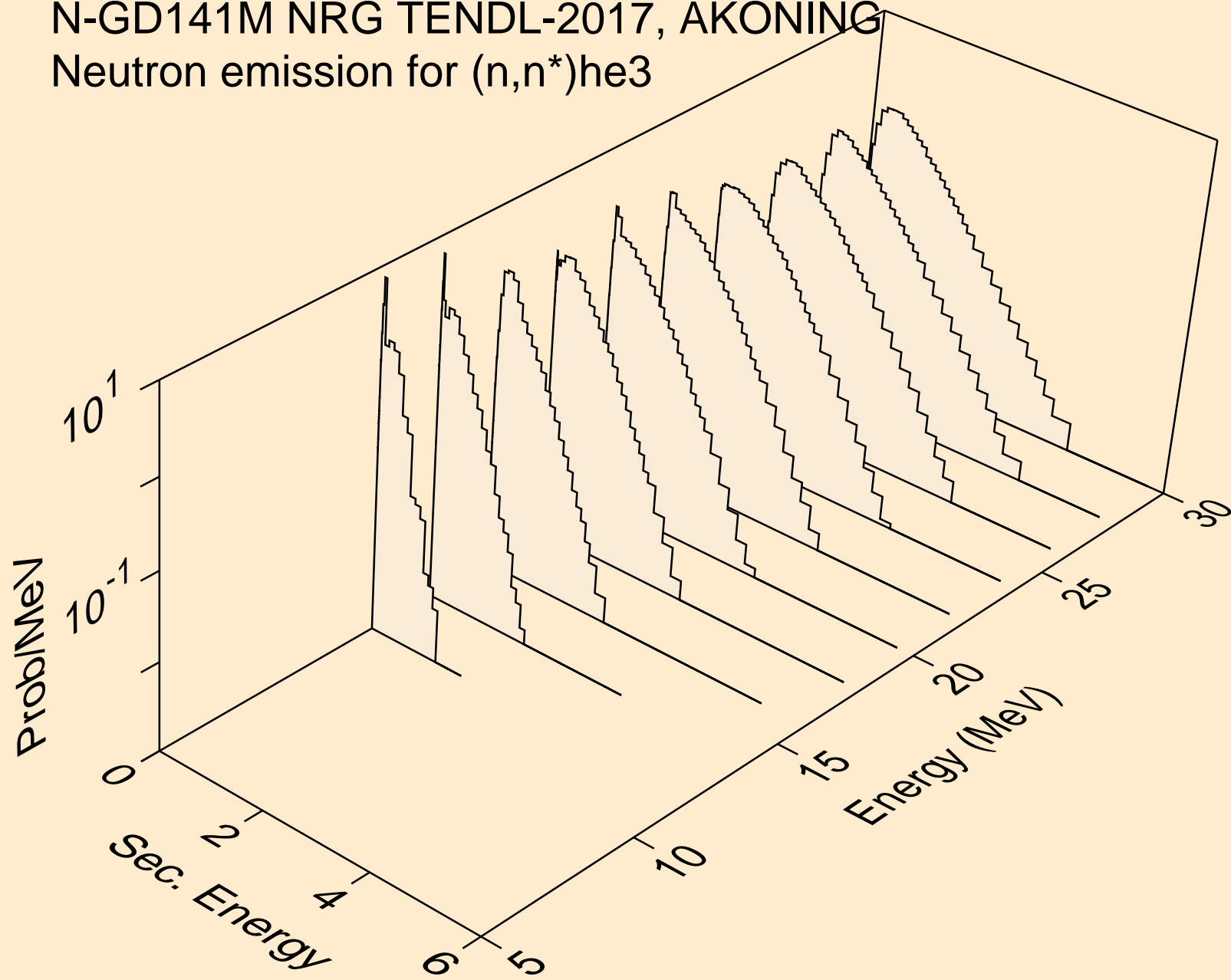
N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)d



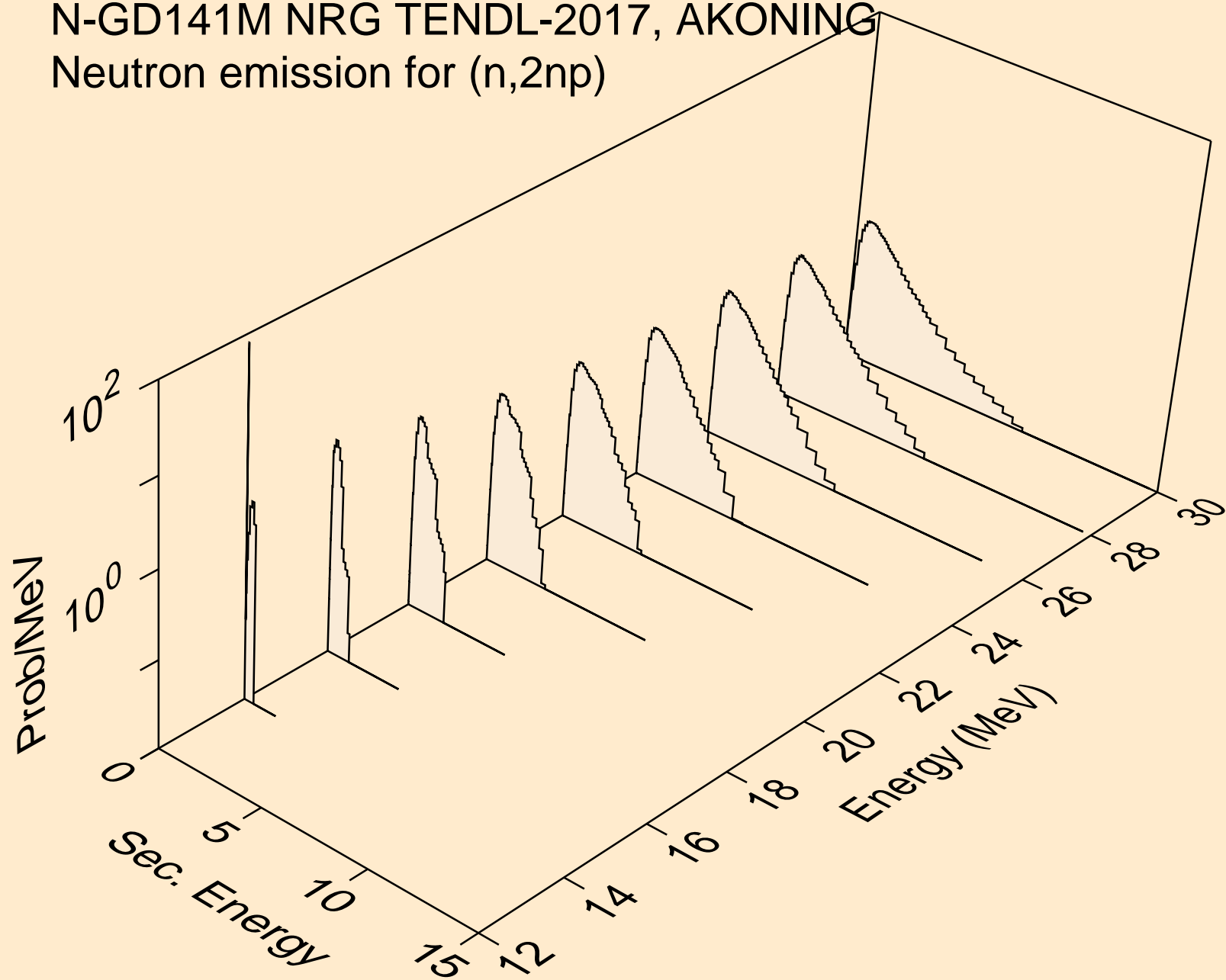
N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)t



N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)he3

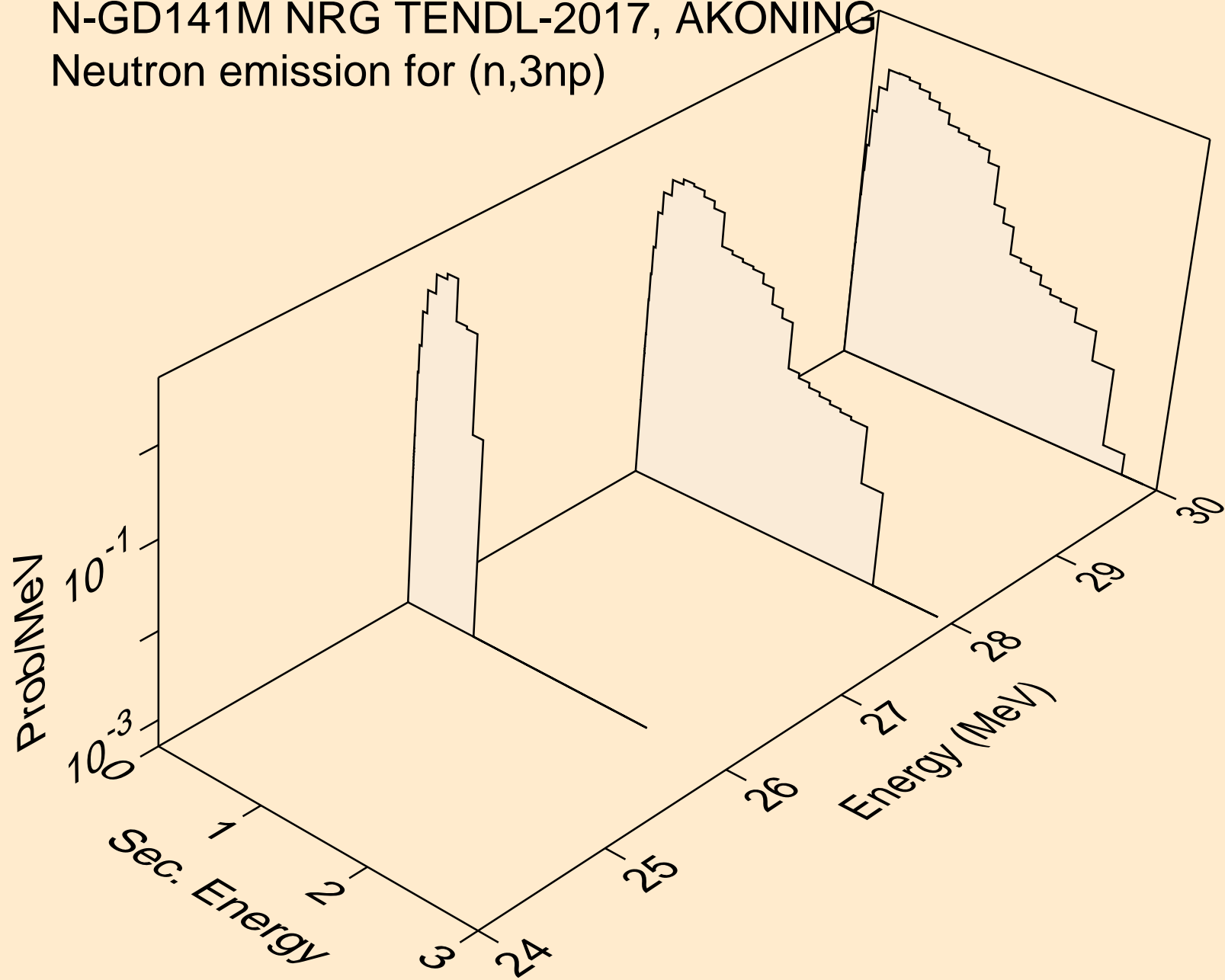


N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,2np)

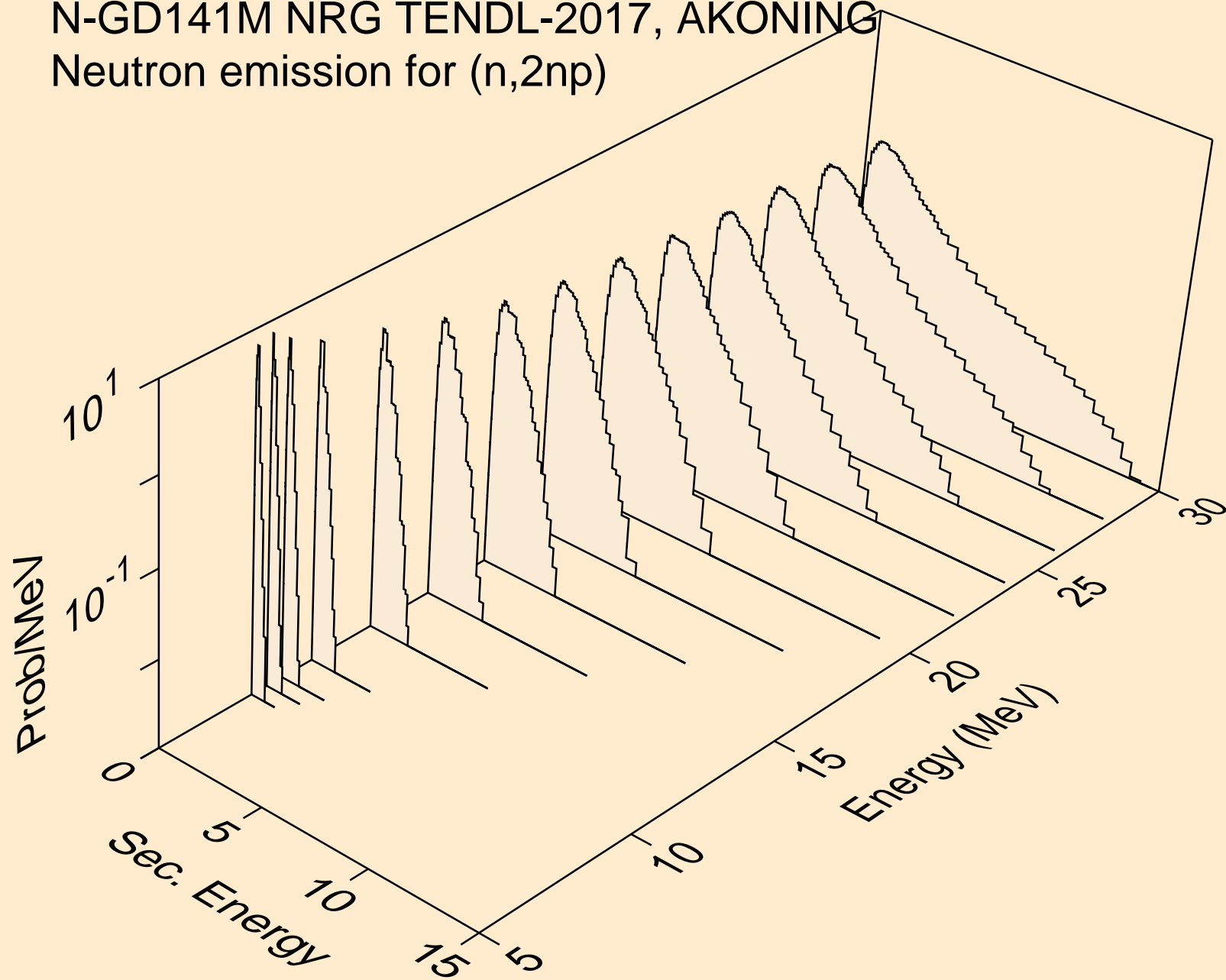




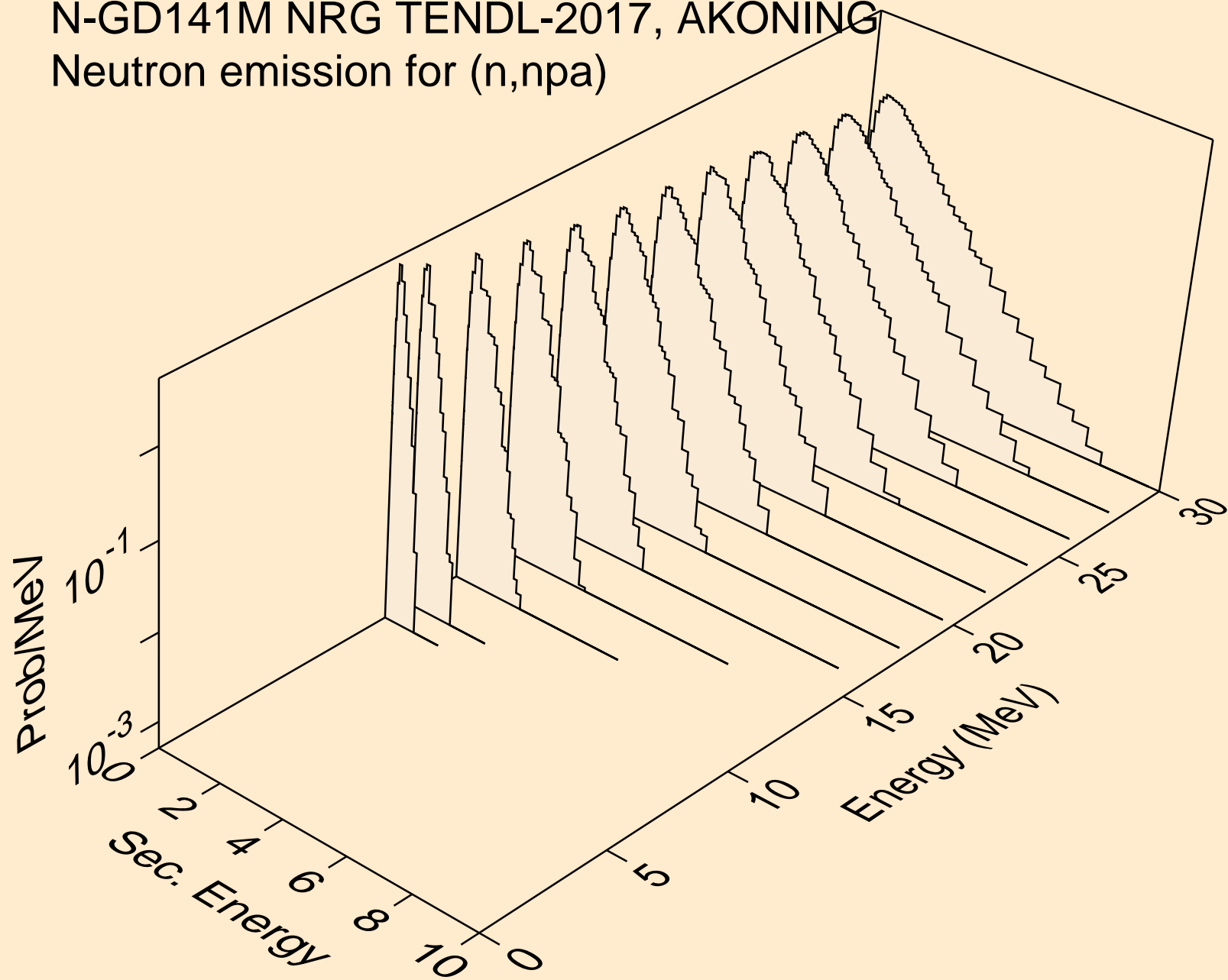
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Neutron emission for (n,3np)



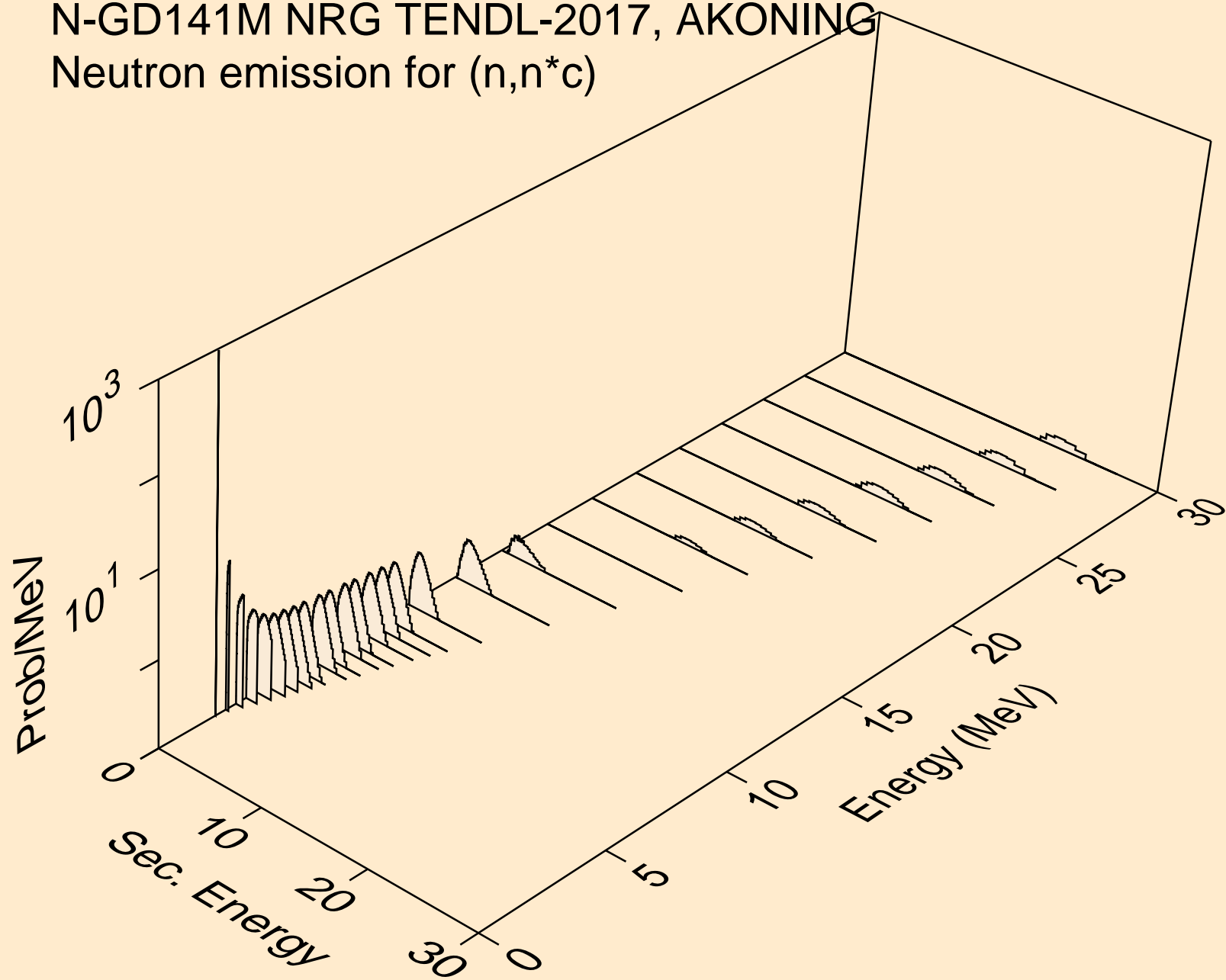
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Neutron emission for (n,2np)



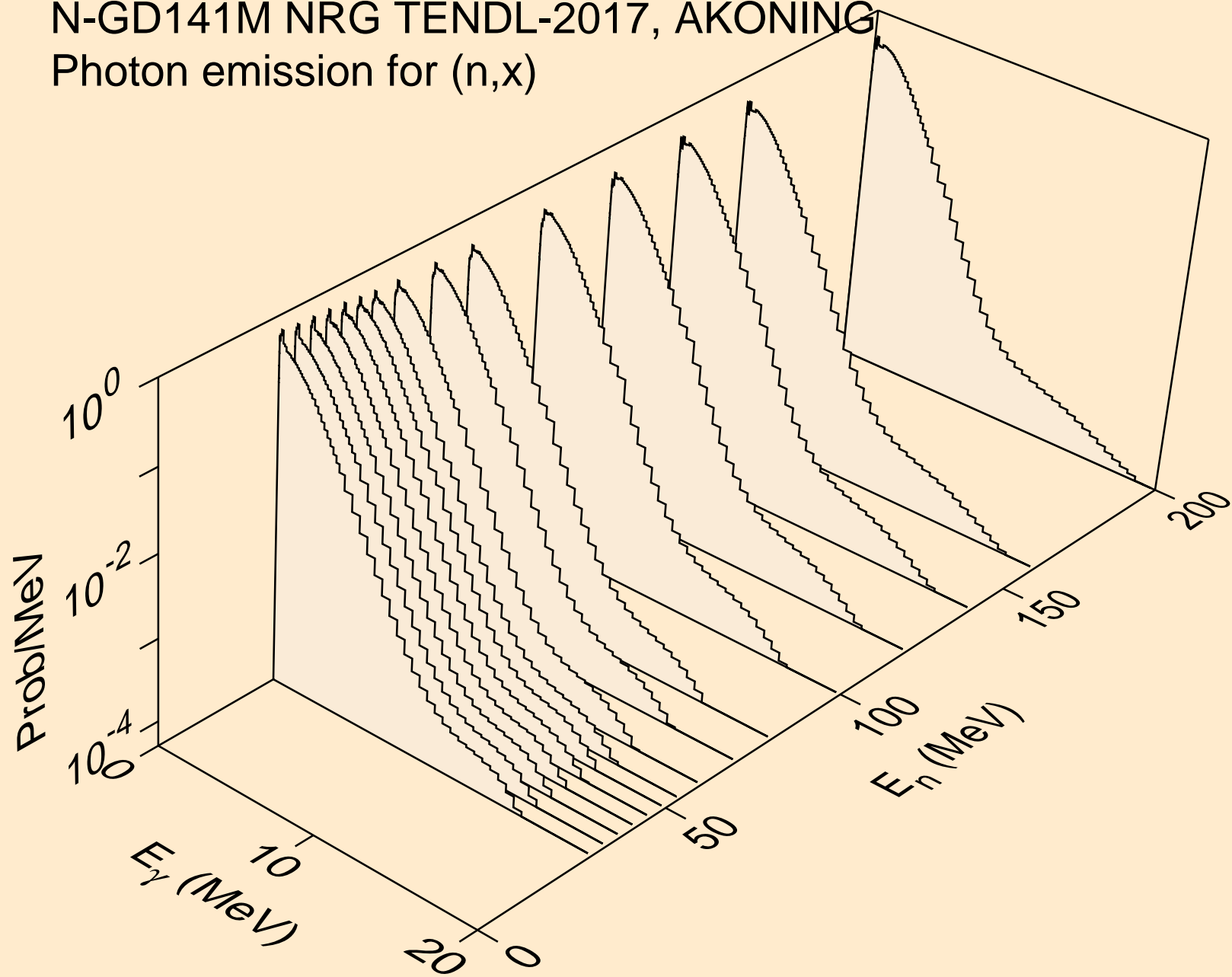
N-GD141M NRG TENDL-2017, AKONING  
Neutron emission for (n,npa)



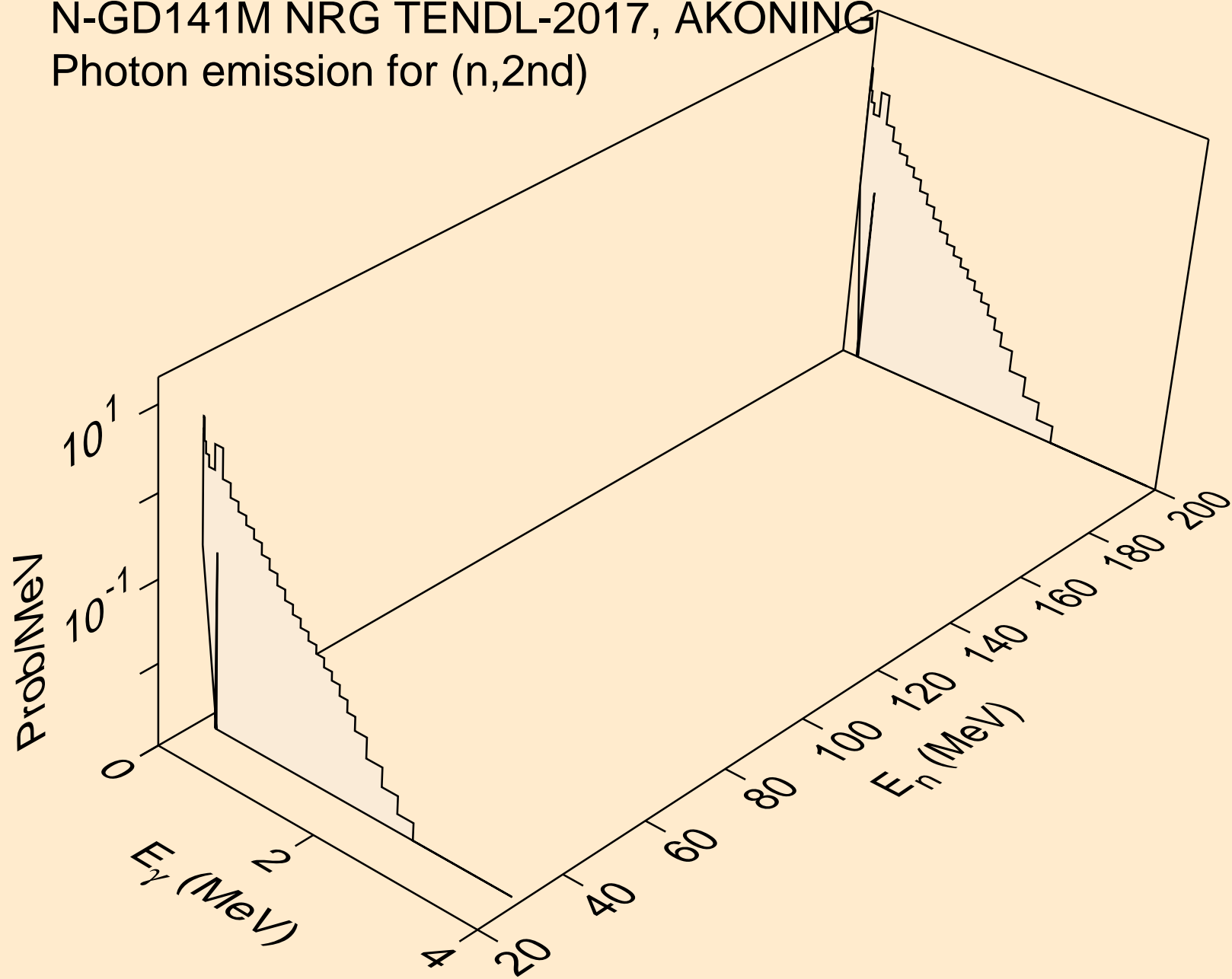
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Neutron emission for (n,n\*c)



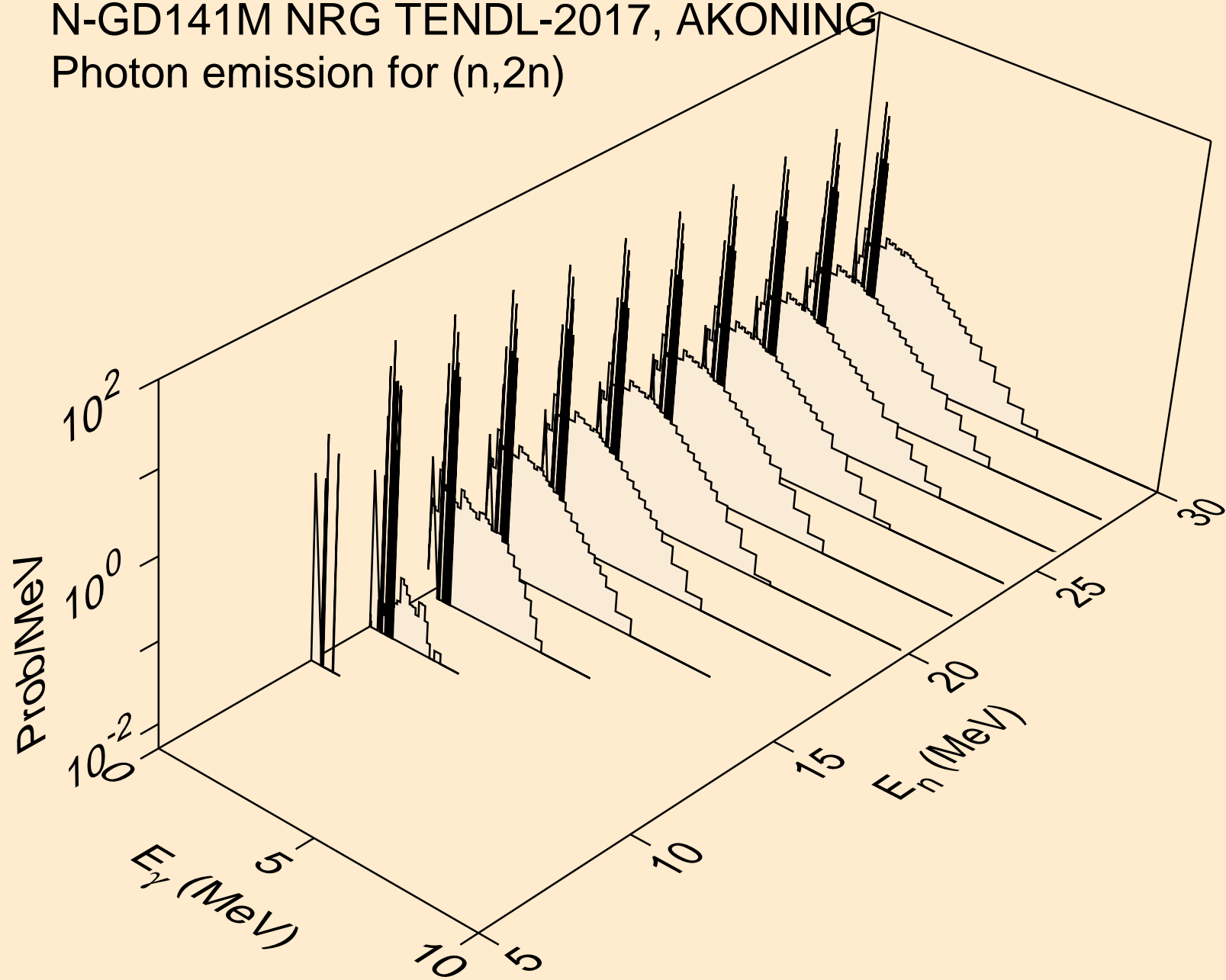
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,x)



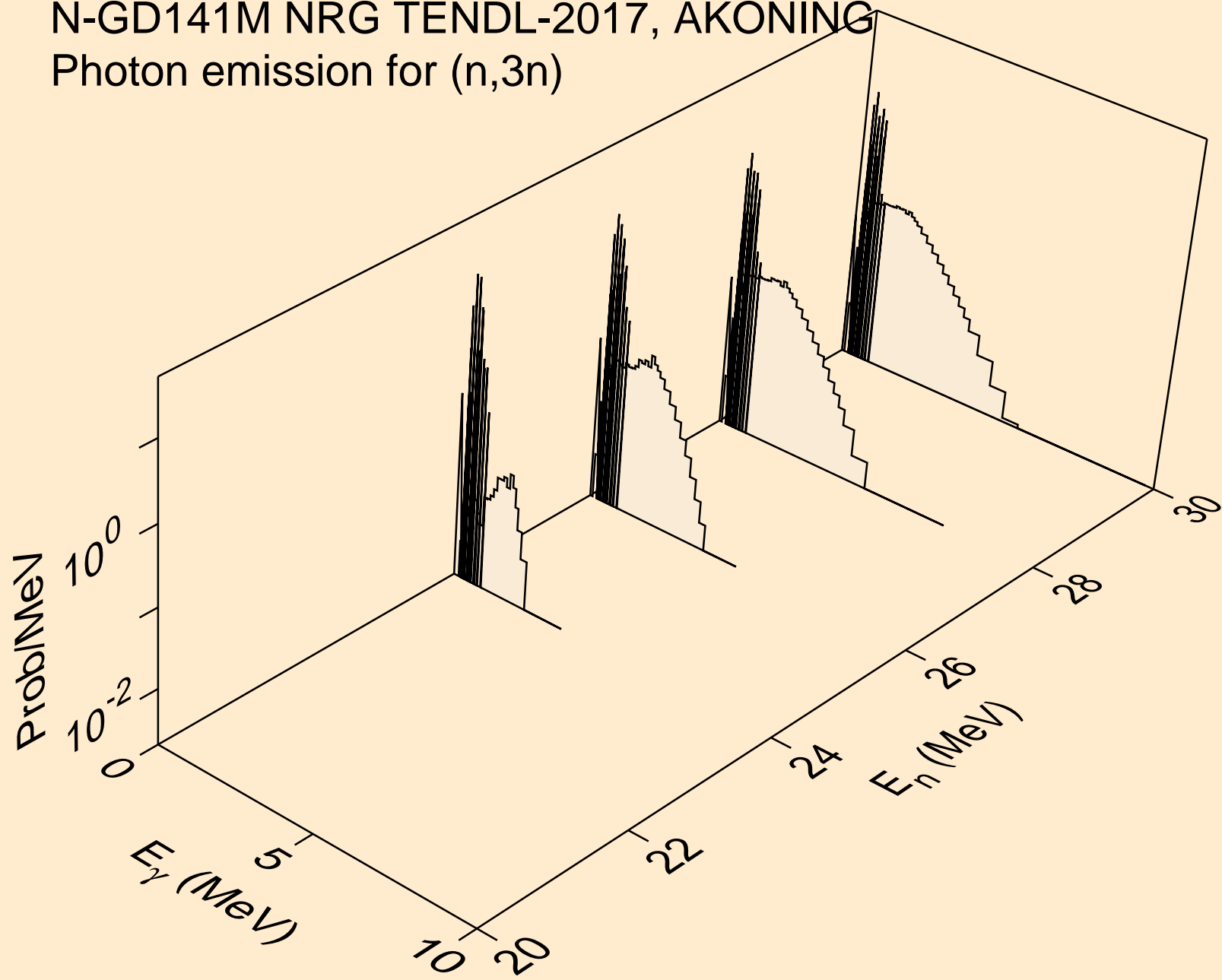
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2nd)



N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2n)

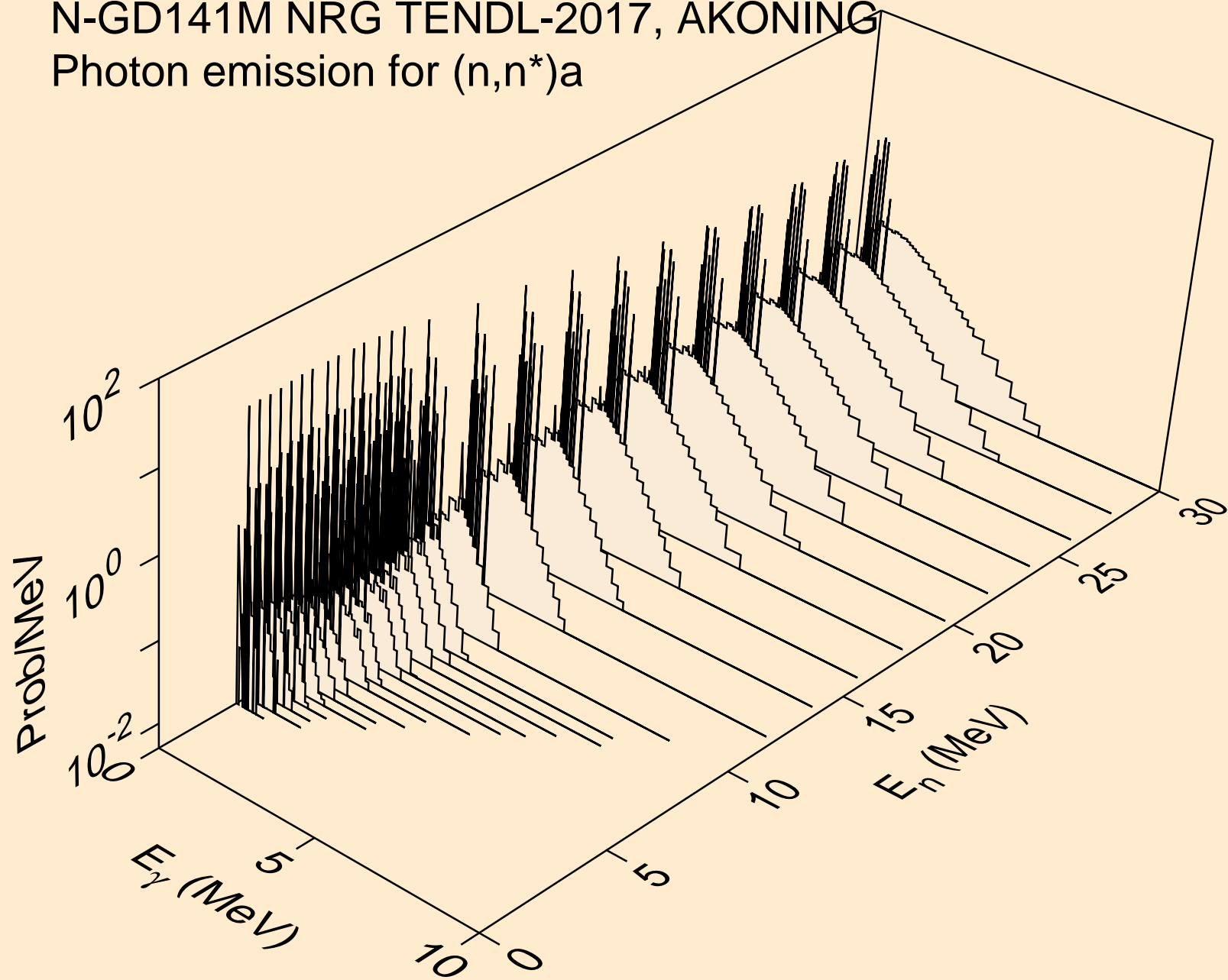


N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,3n)

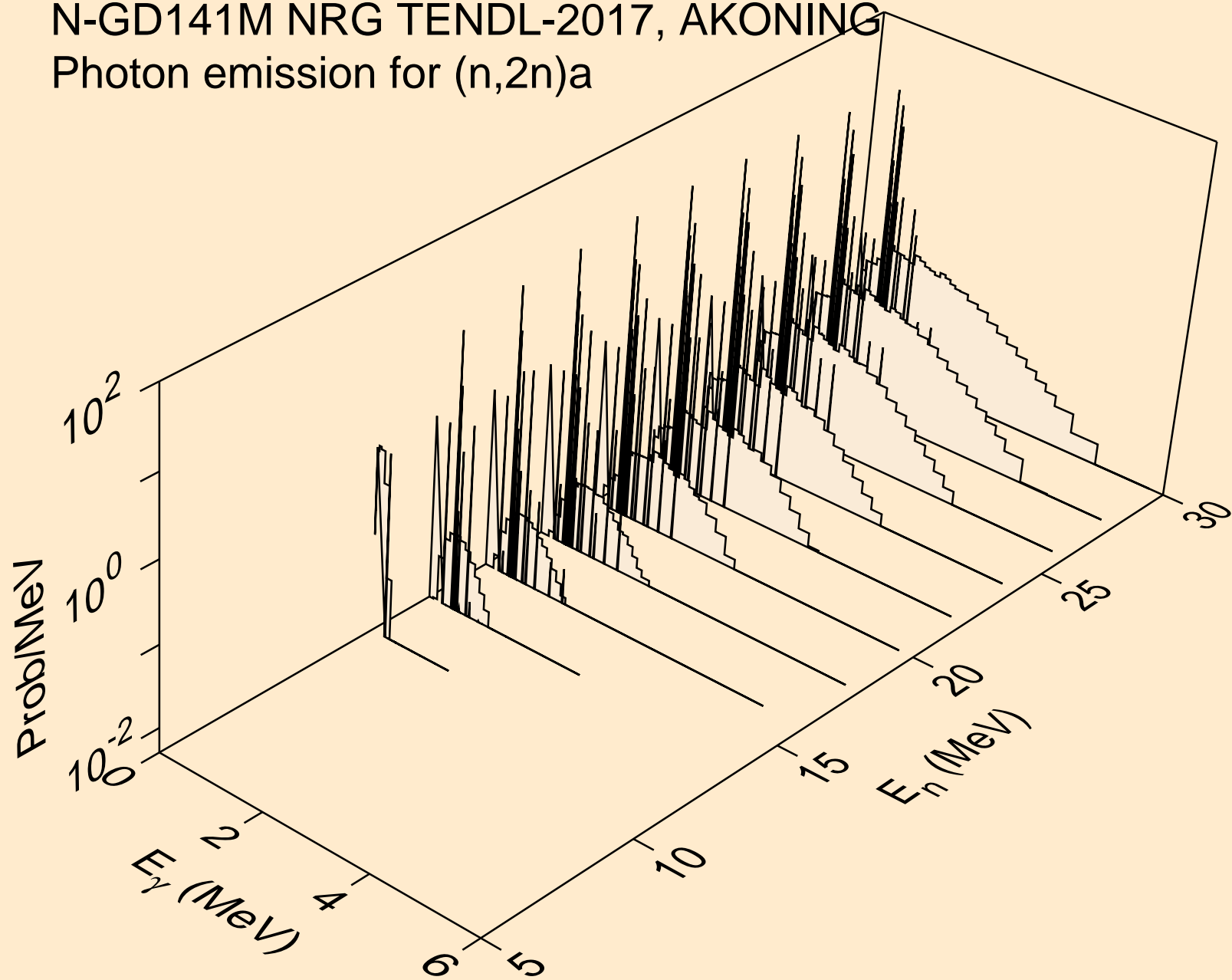




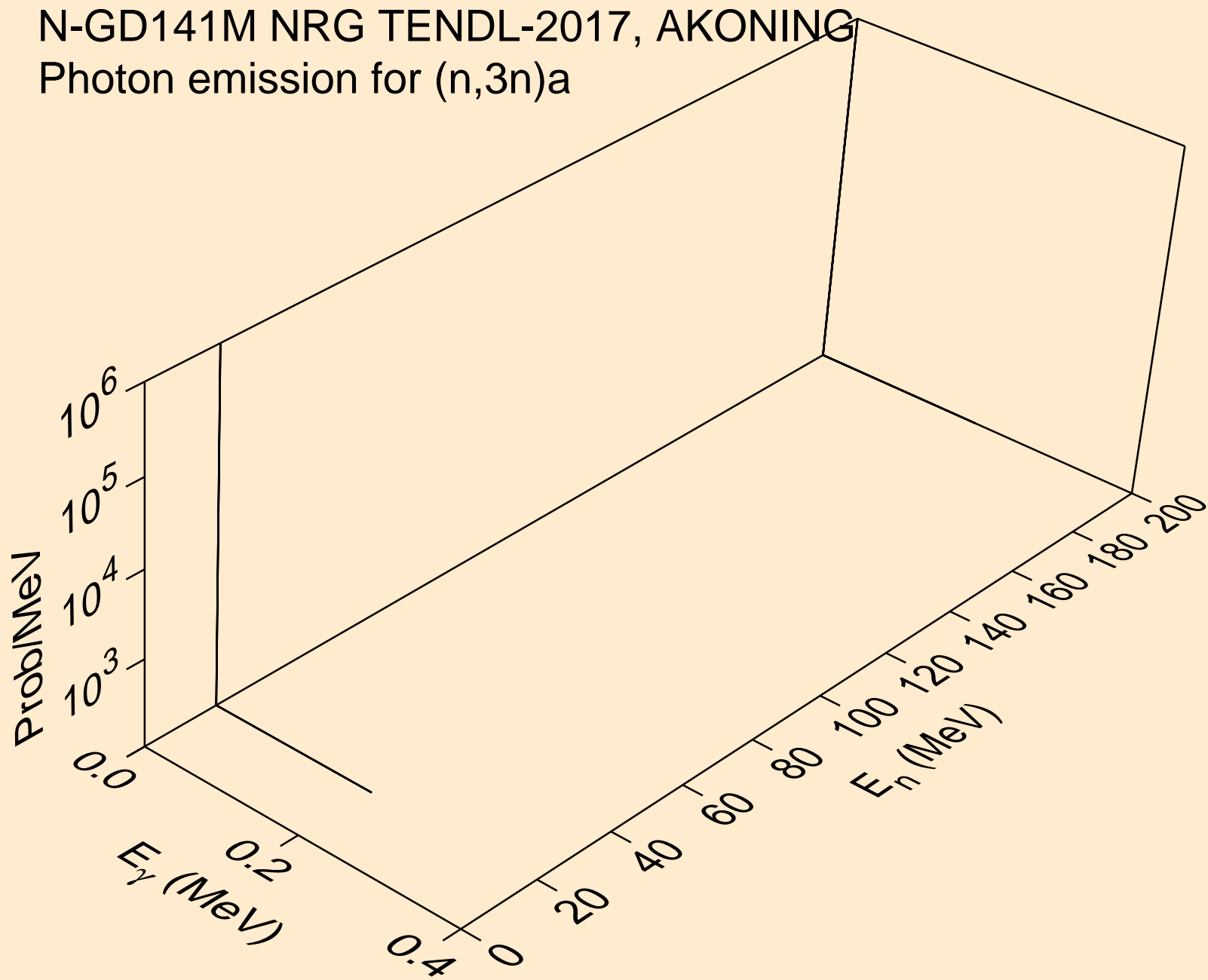
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)a



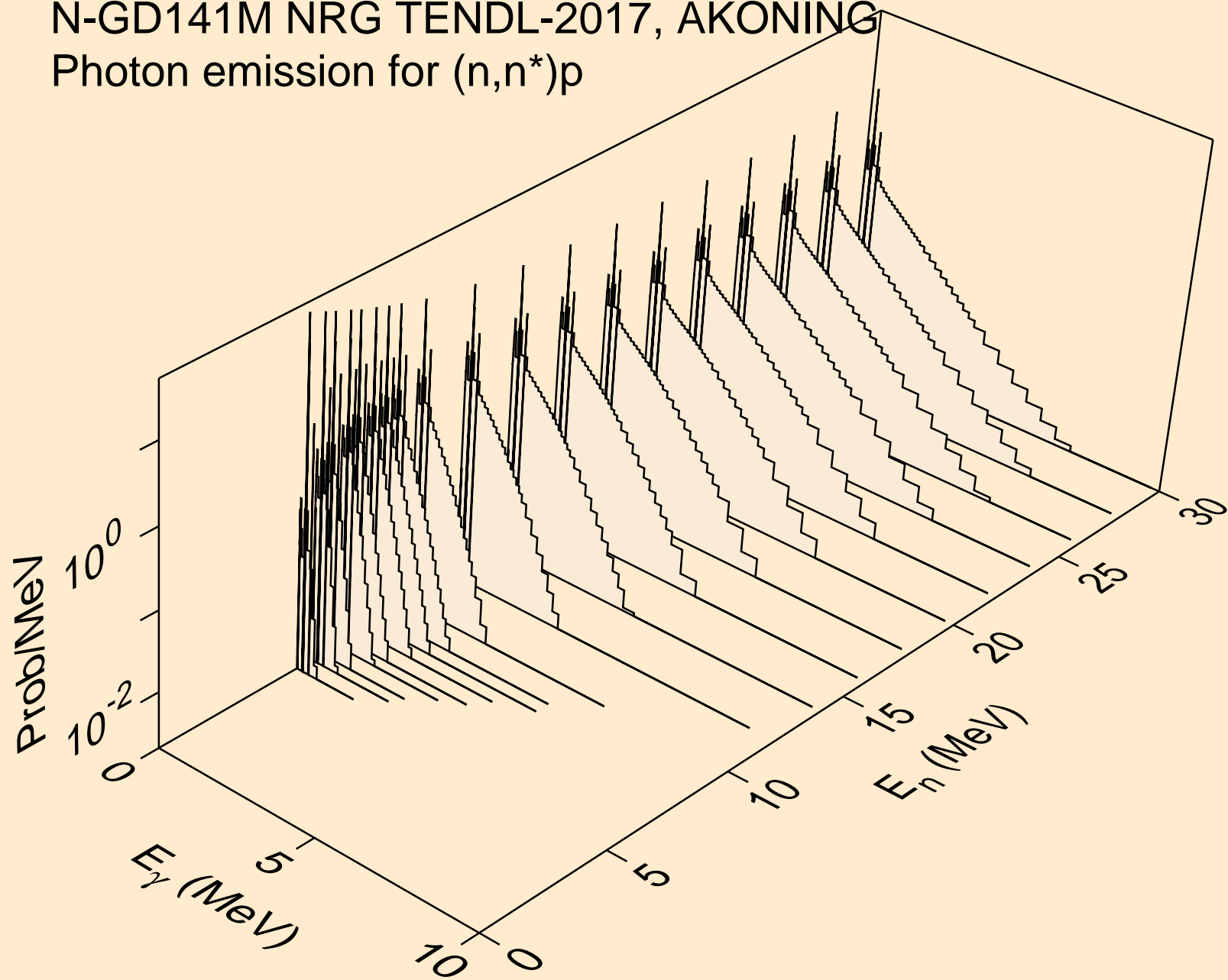
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2n)a



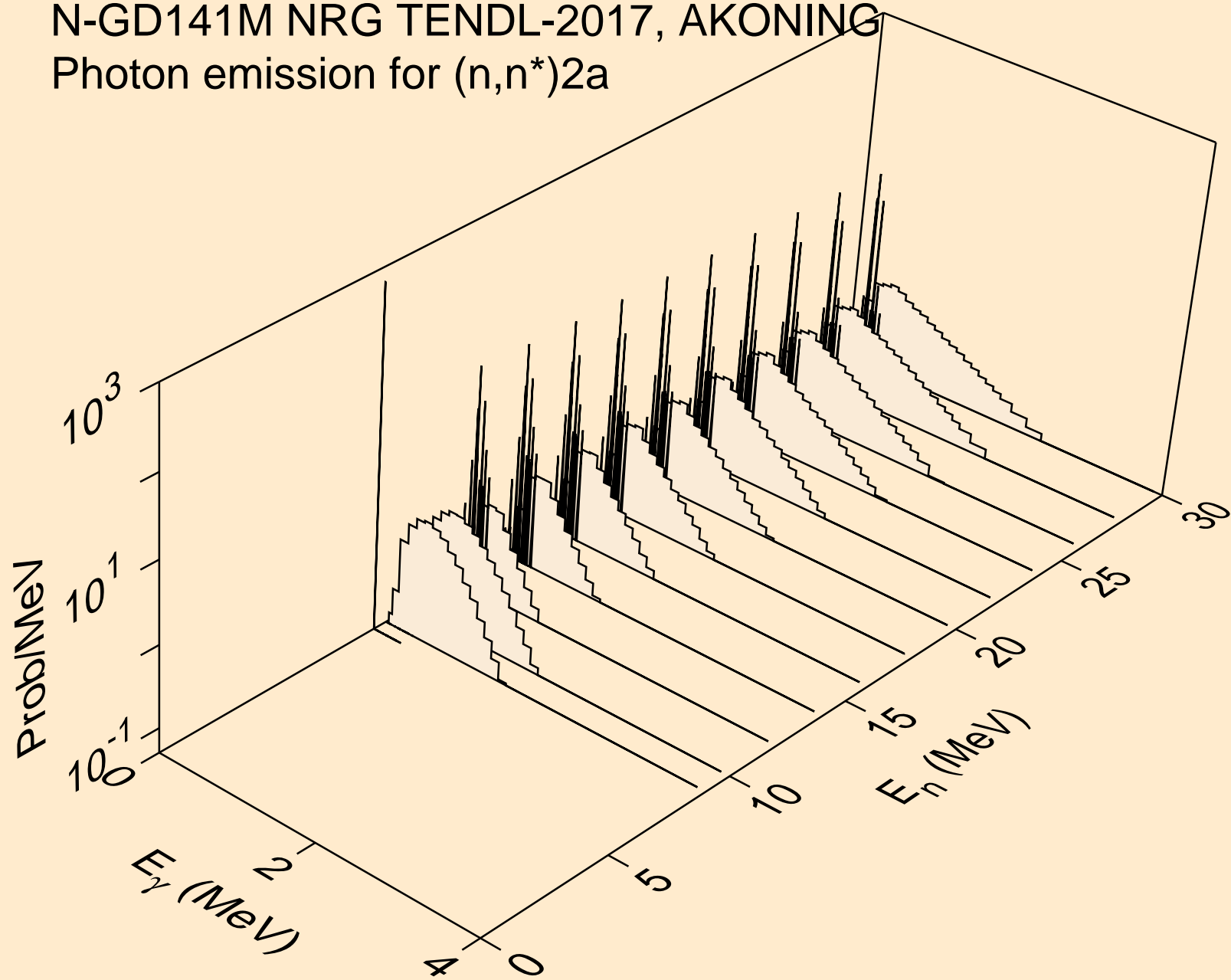
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,3n)a



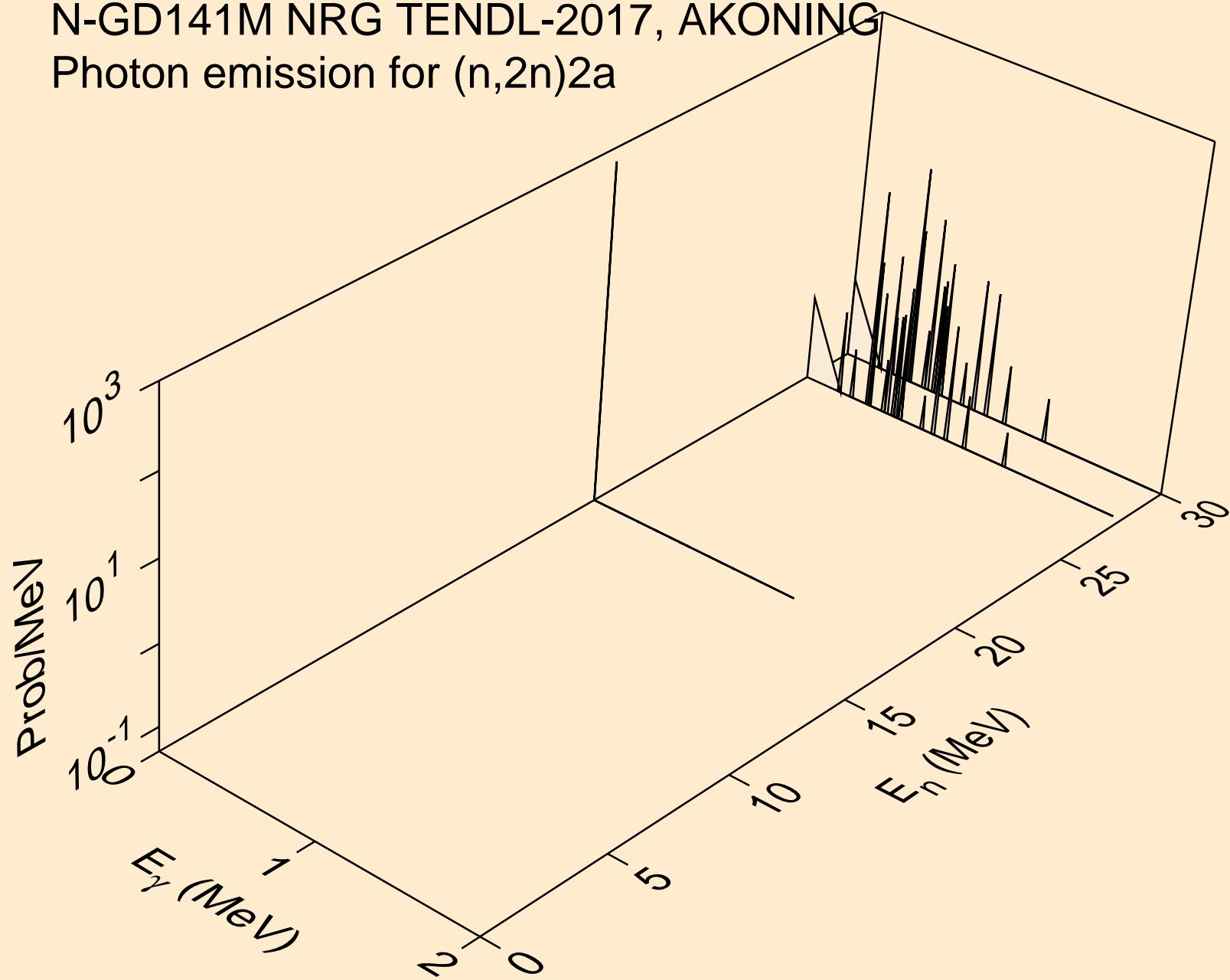
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)p



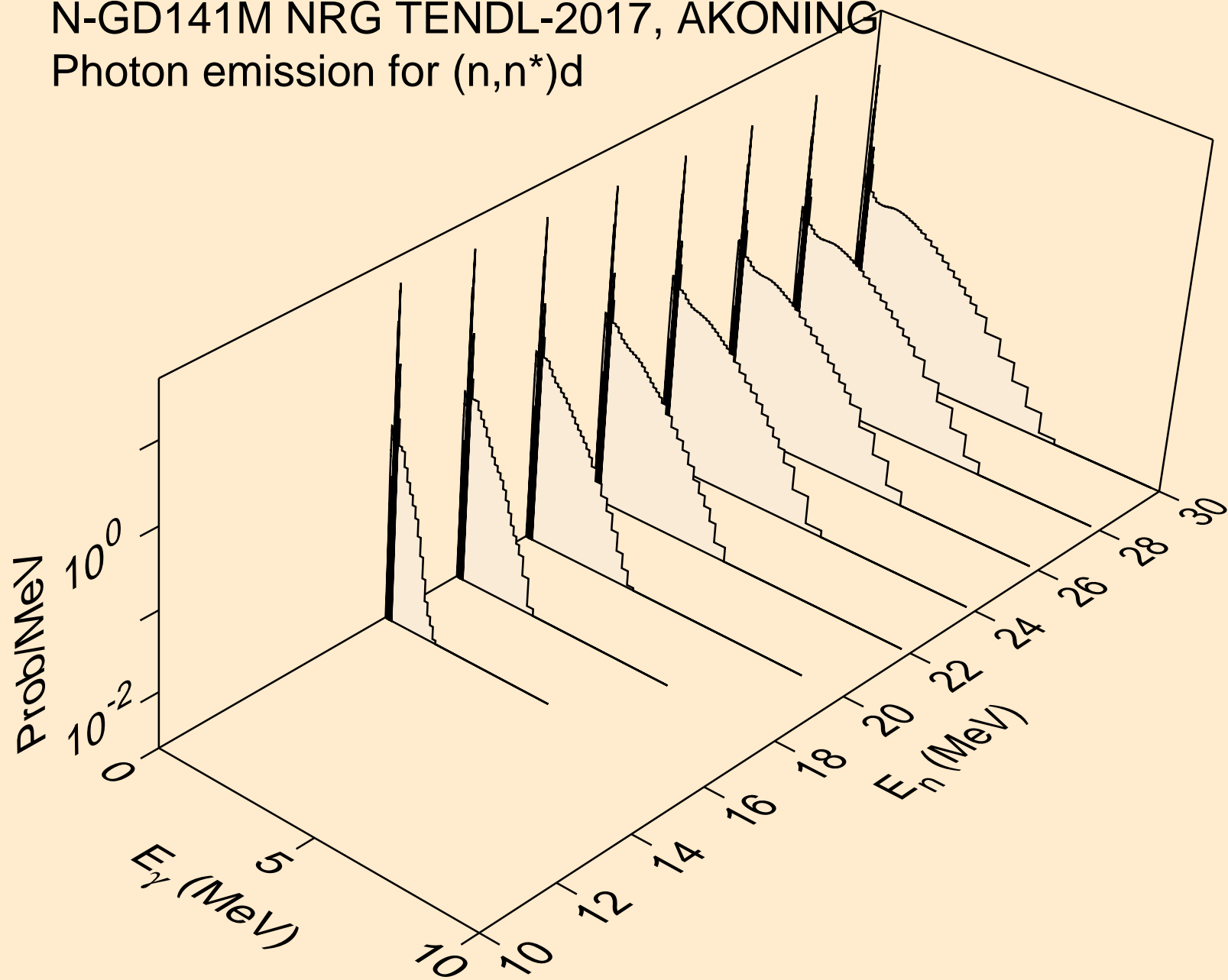
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)2a



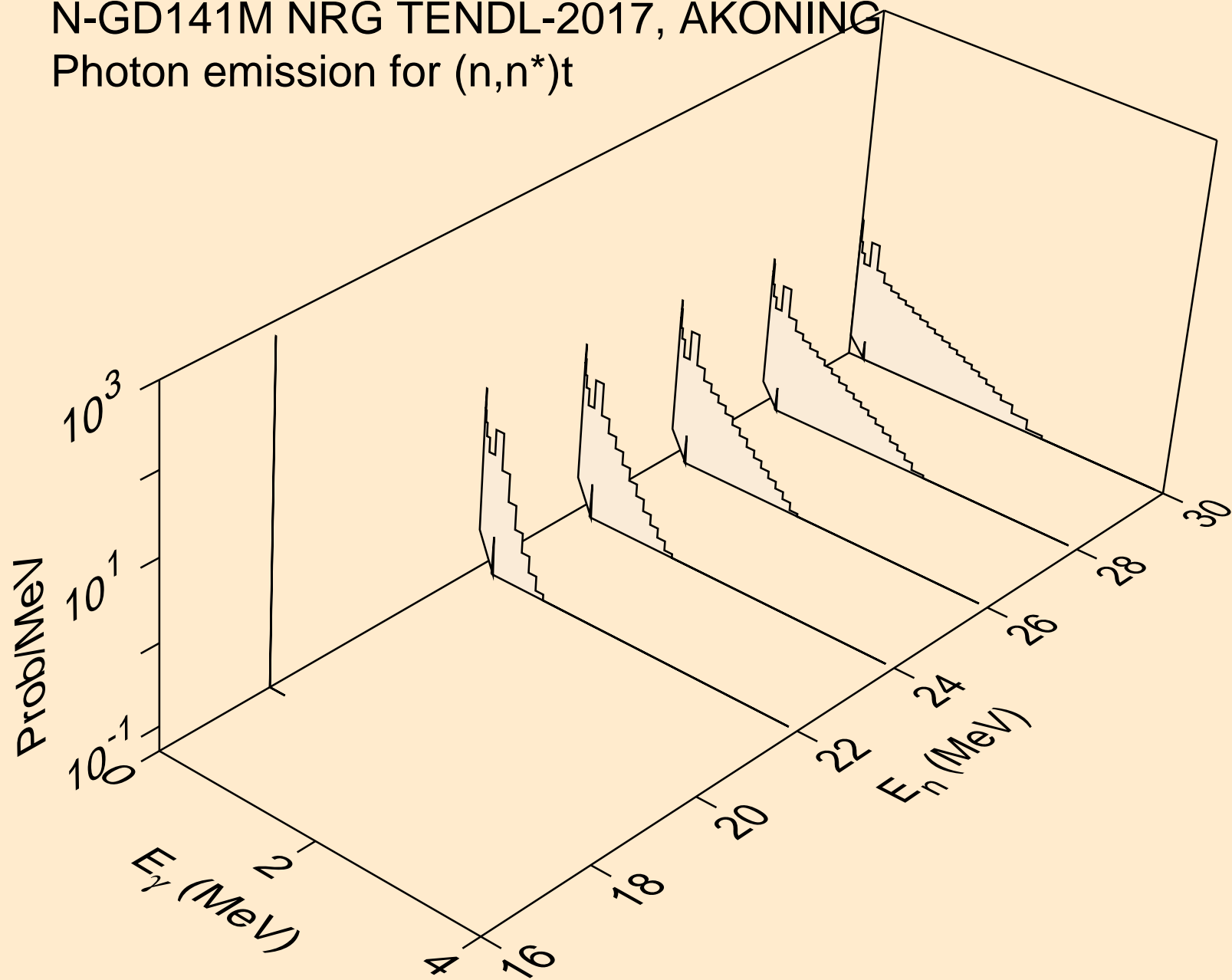
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2n)2a



N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)d

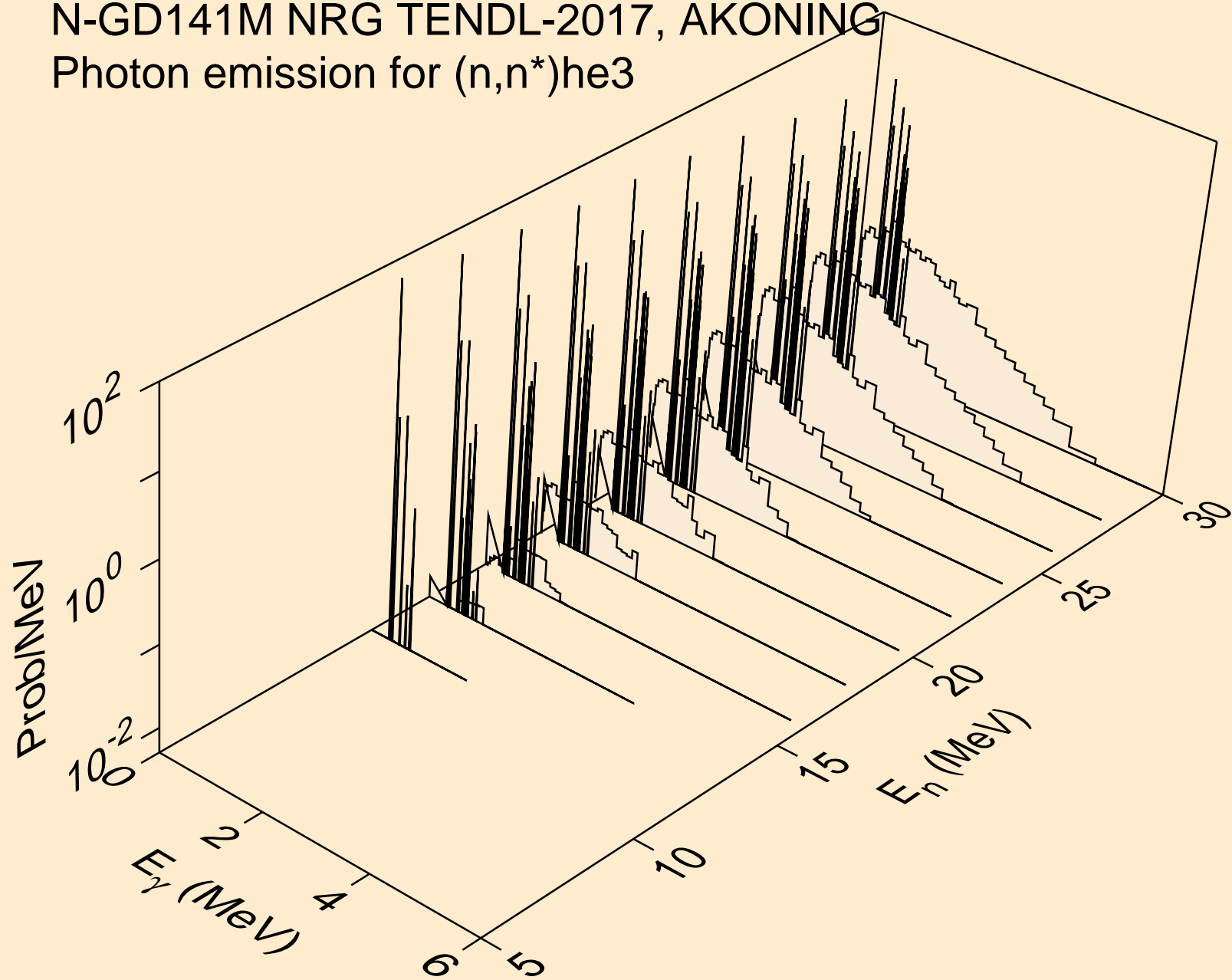


N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)t

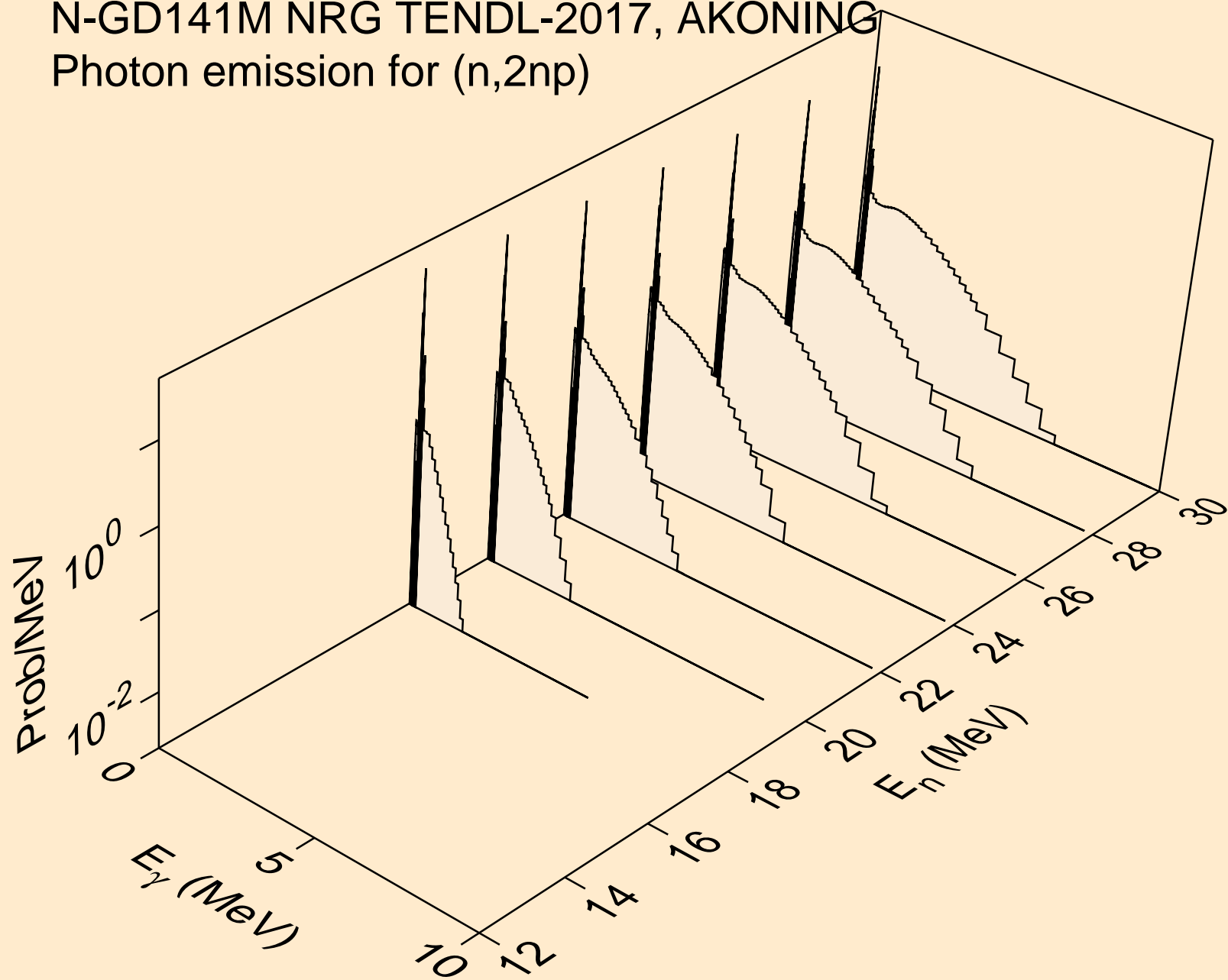




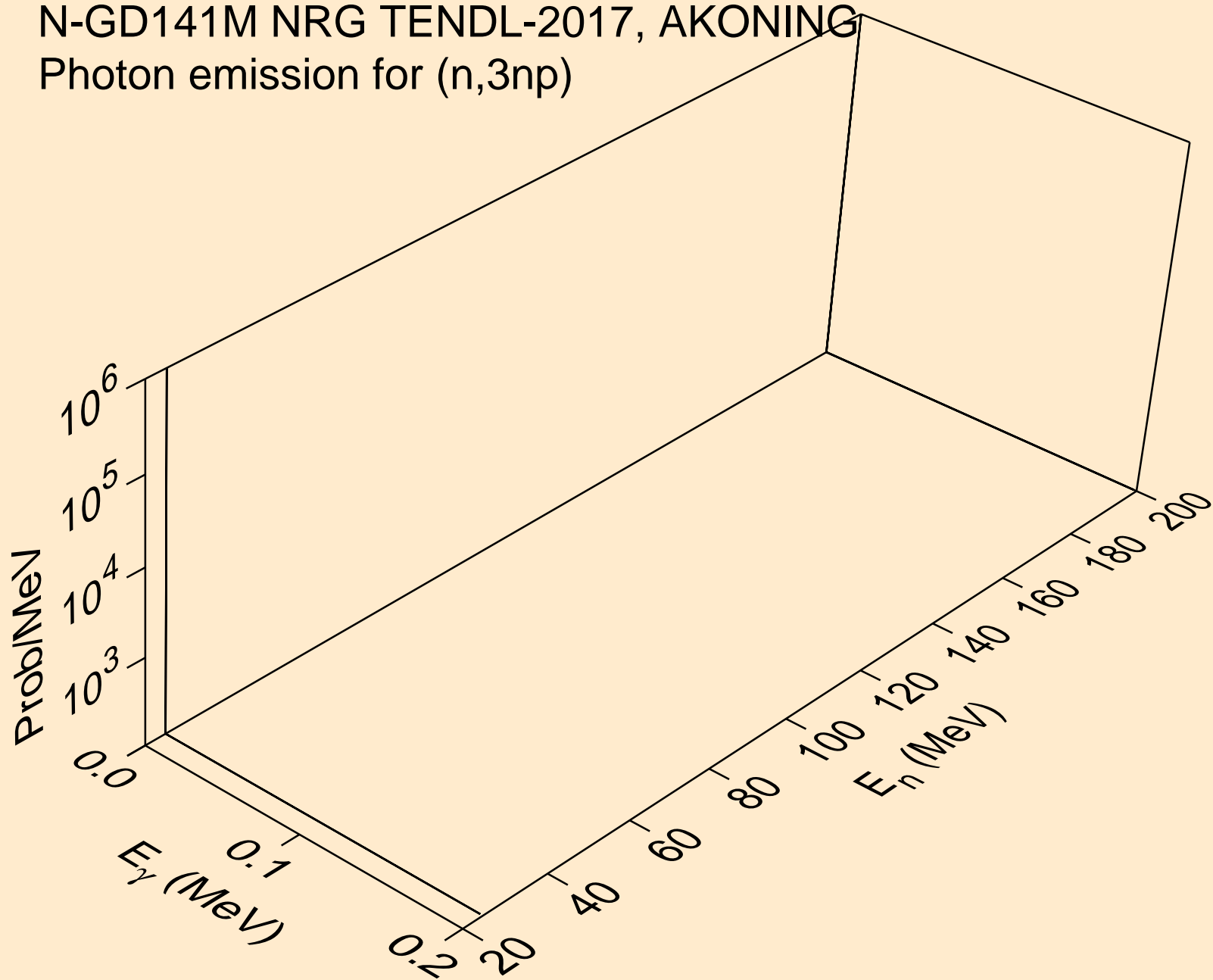
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)he3



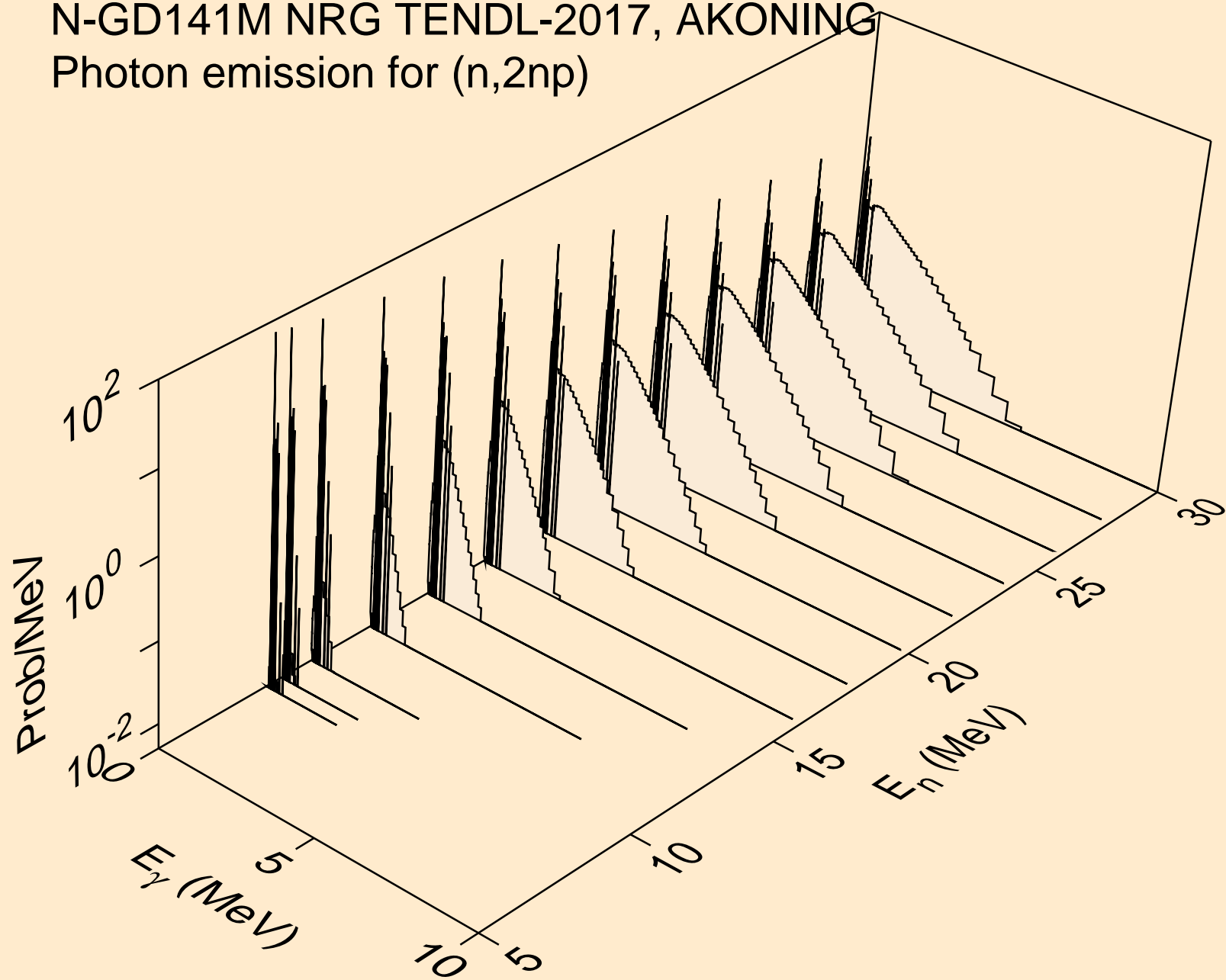
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2np)



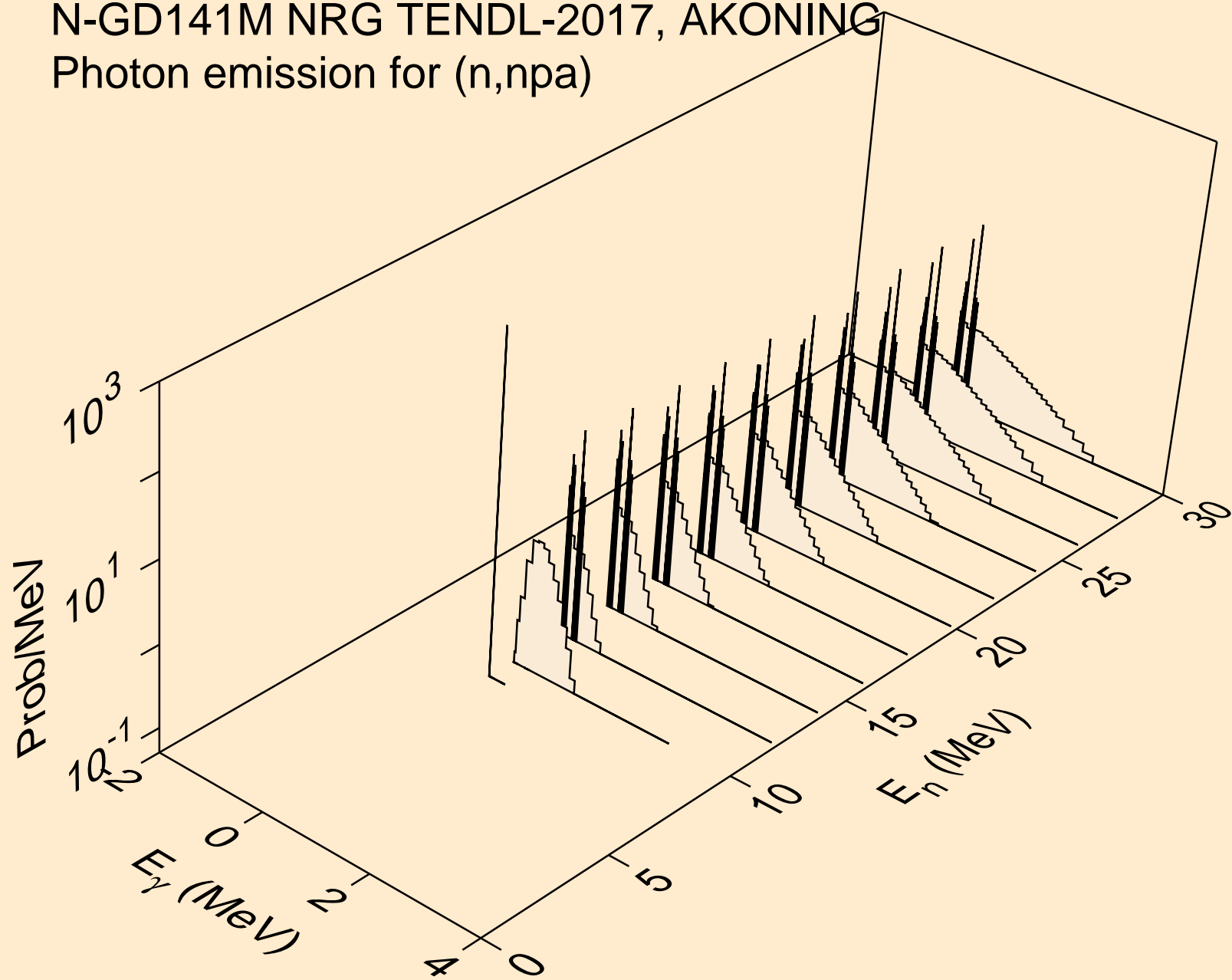
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,3np)



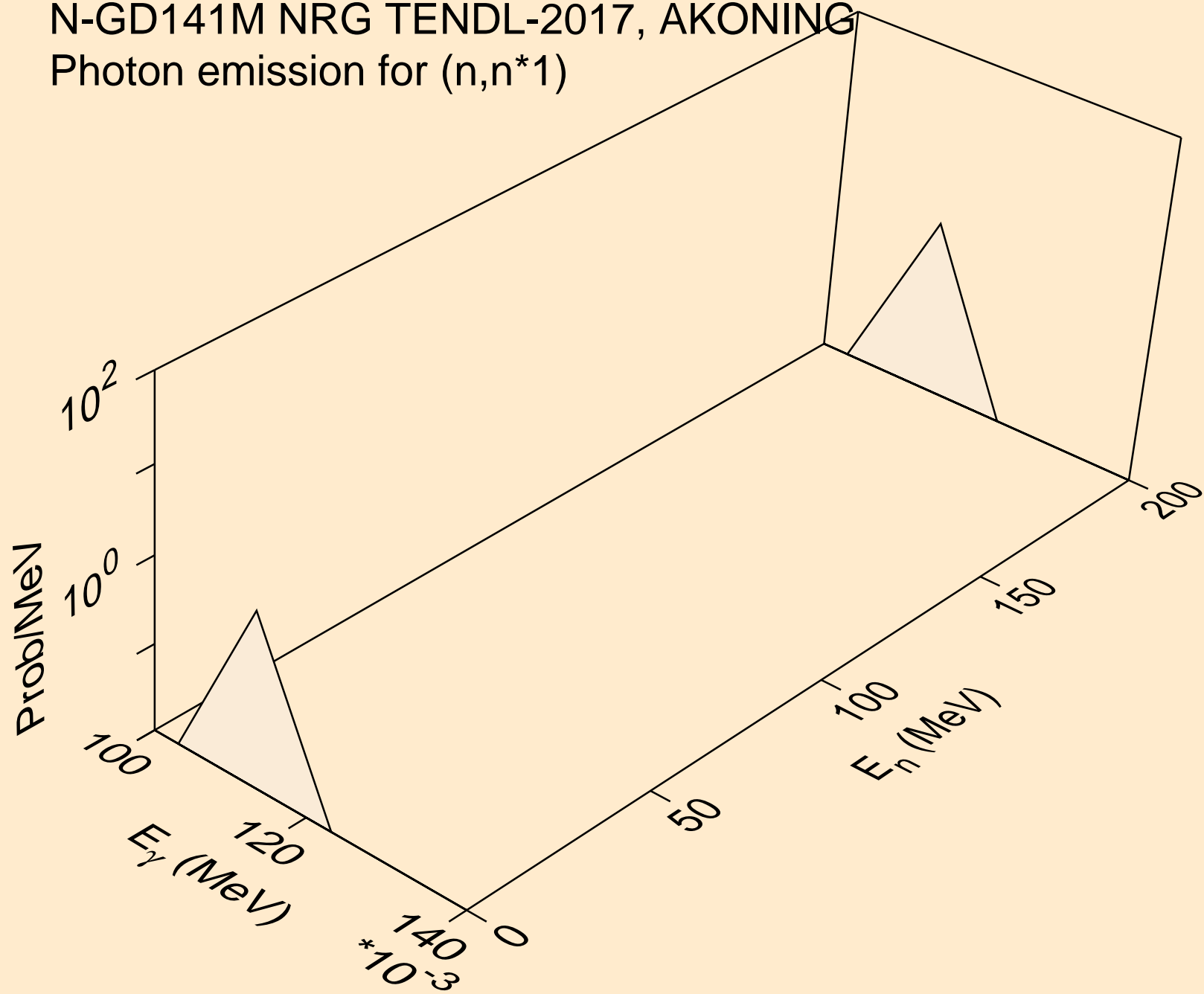
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2np)



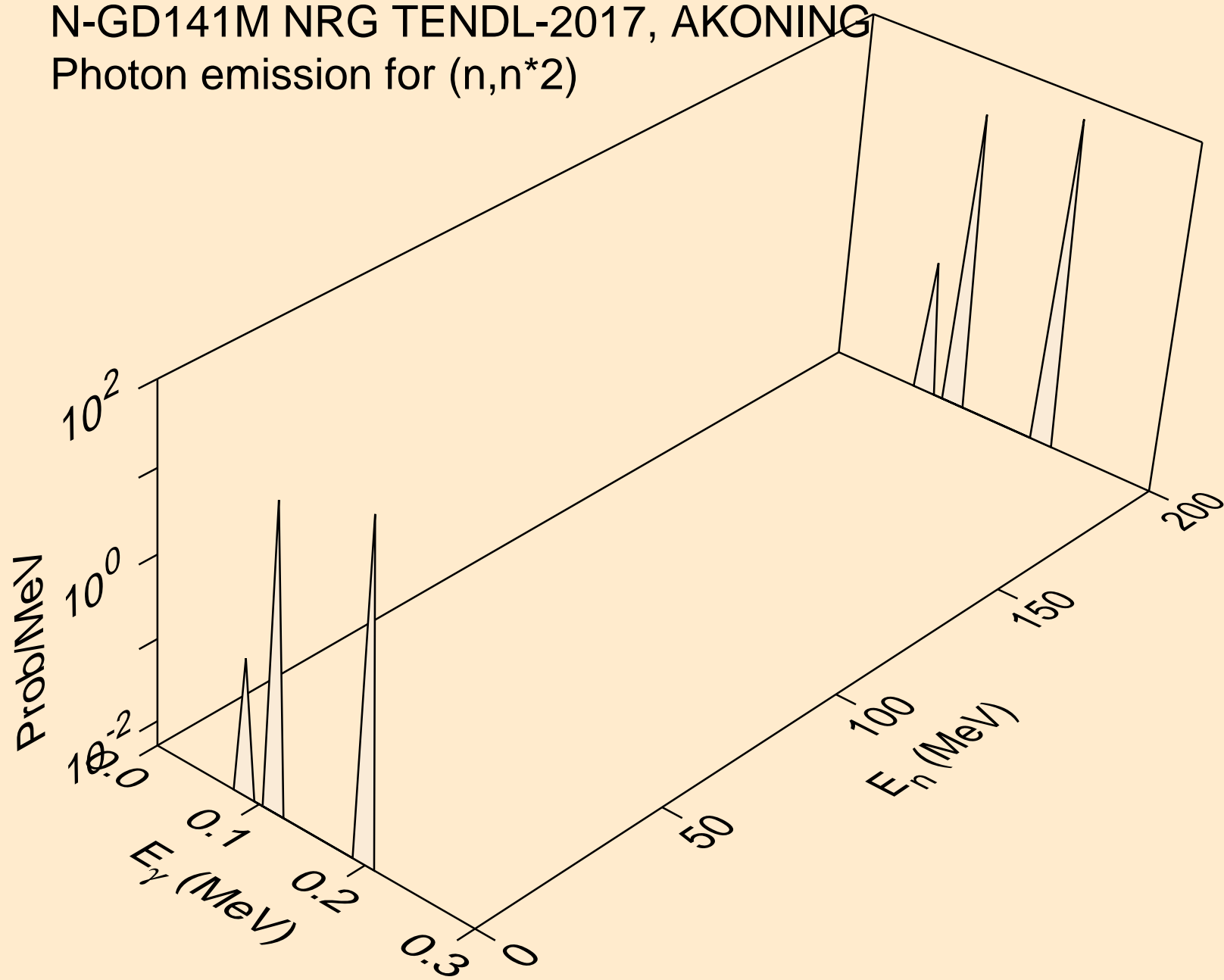
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,npa)



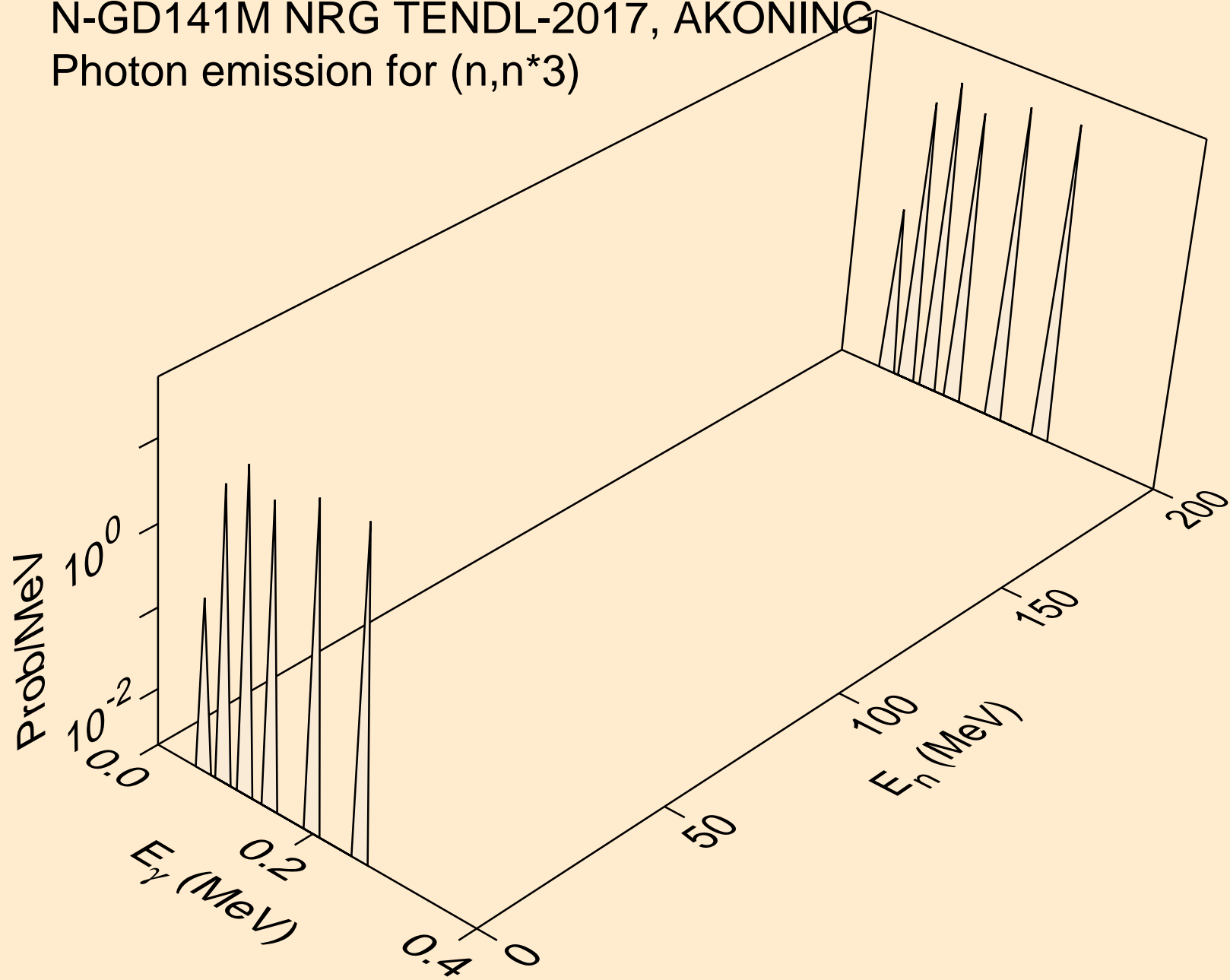
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*1)



N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*2)

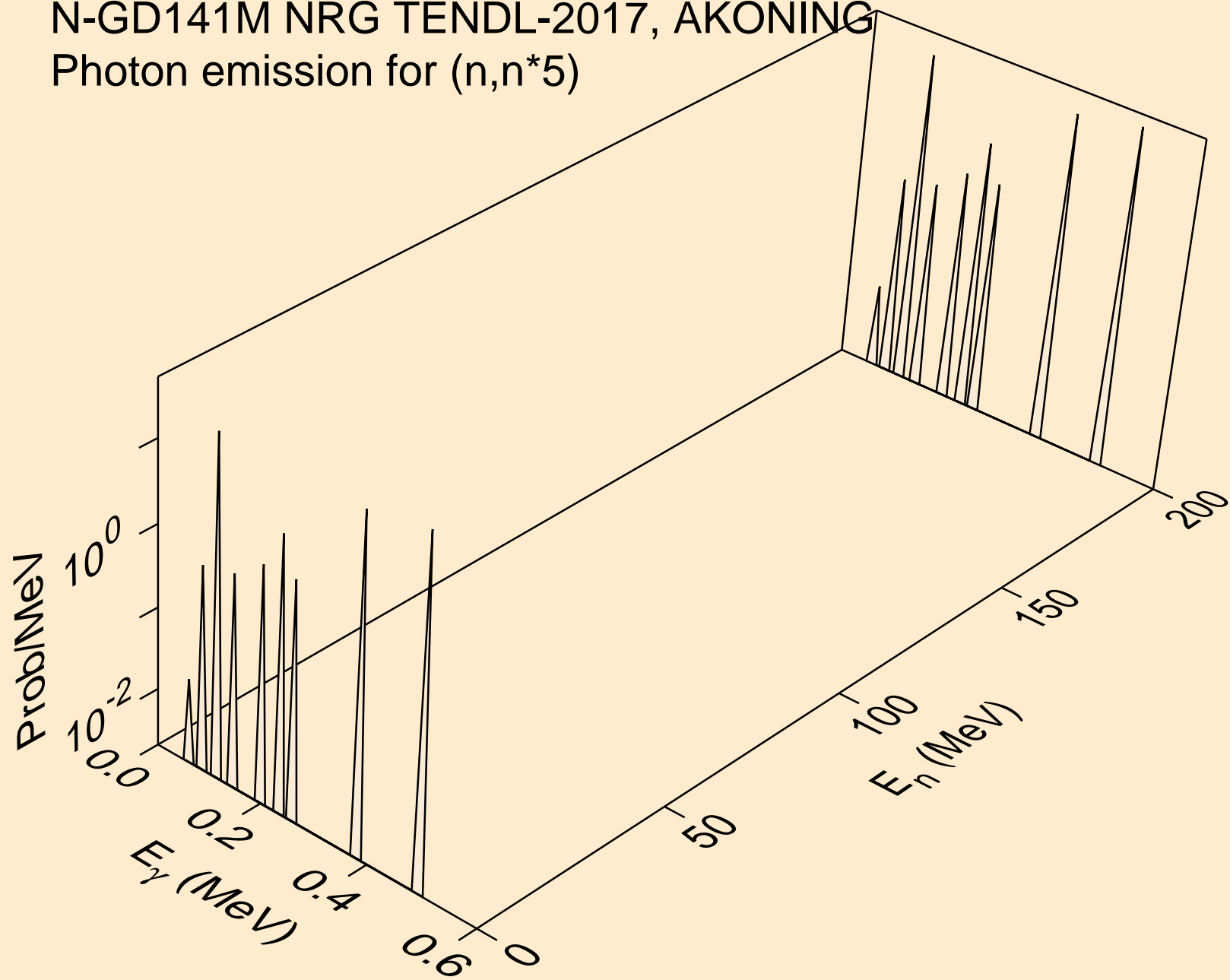


N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*3)

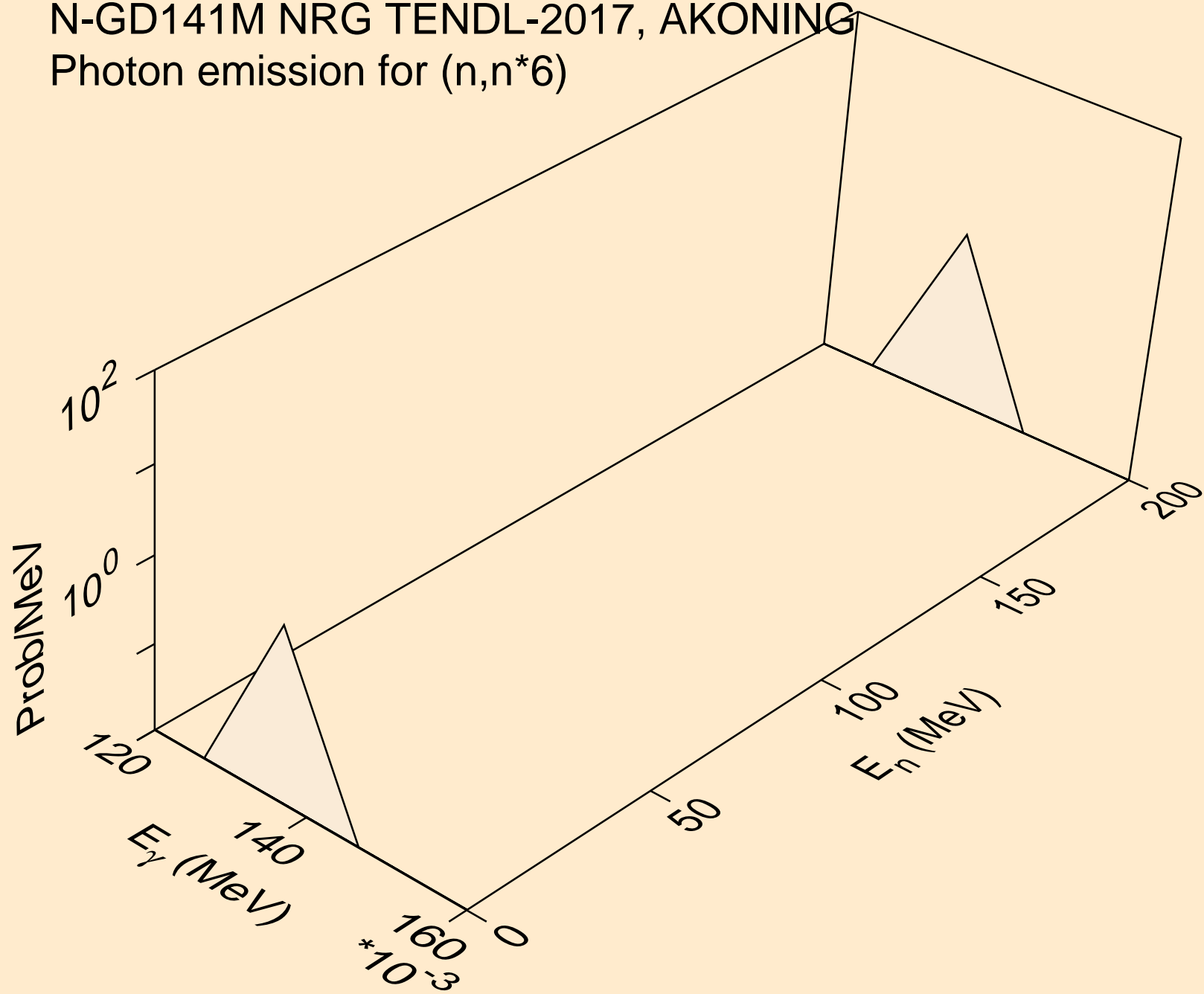




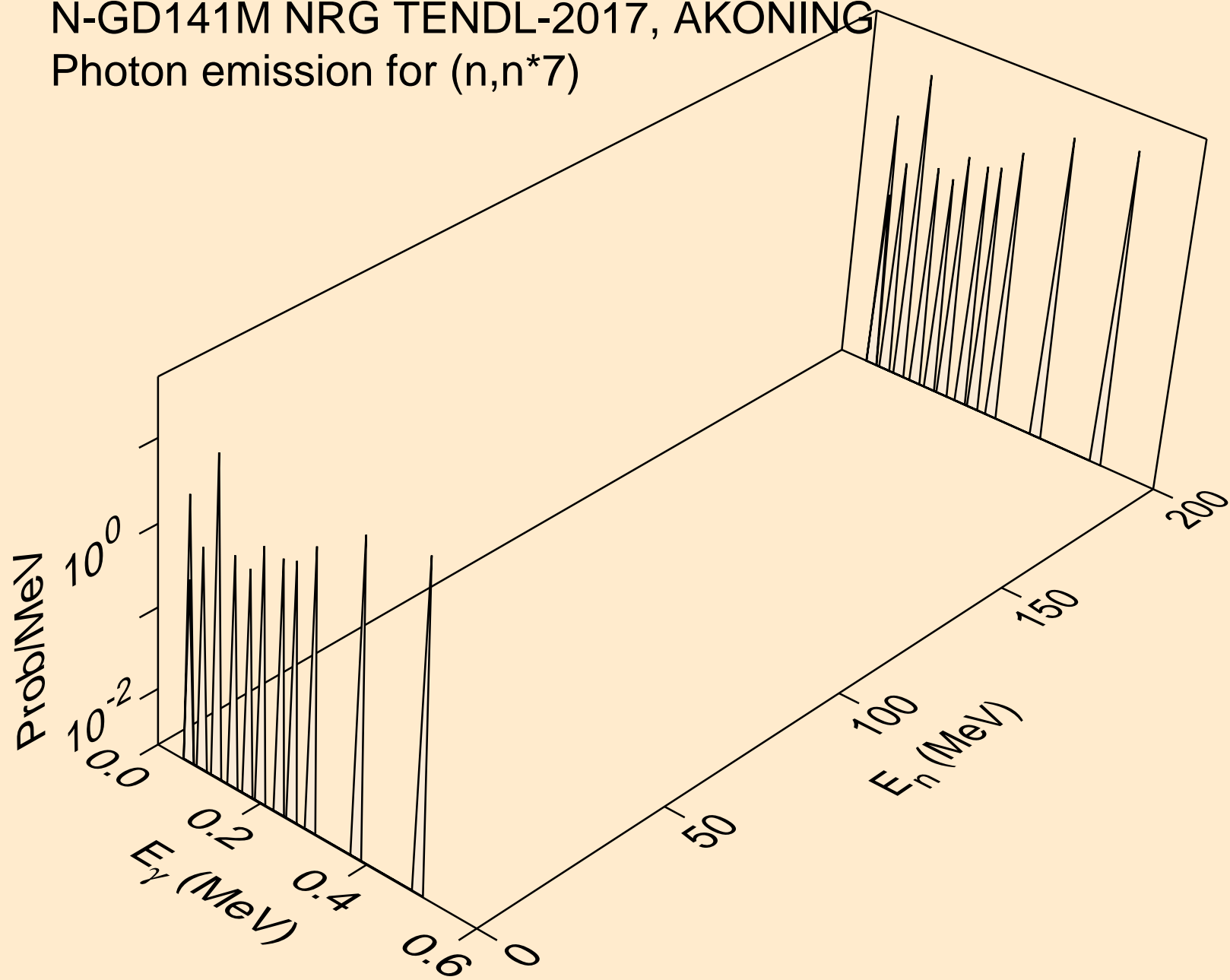
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Photon emission for (n,n\*5)



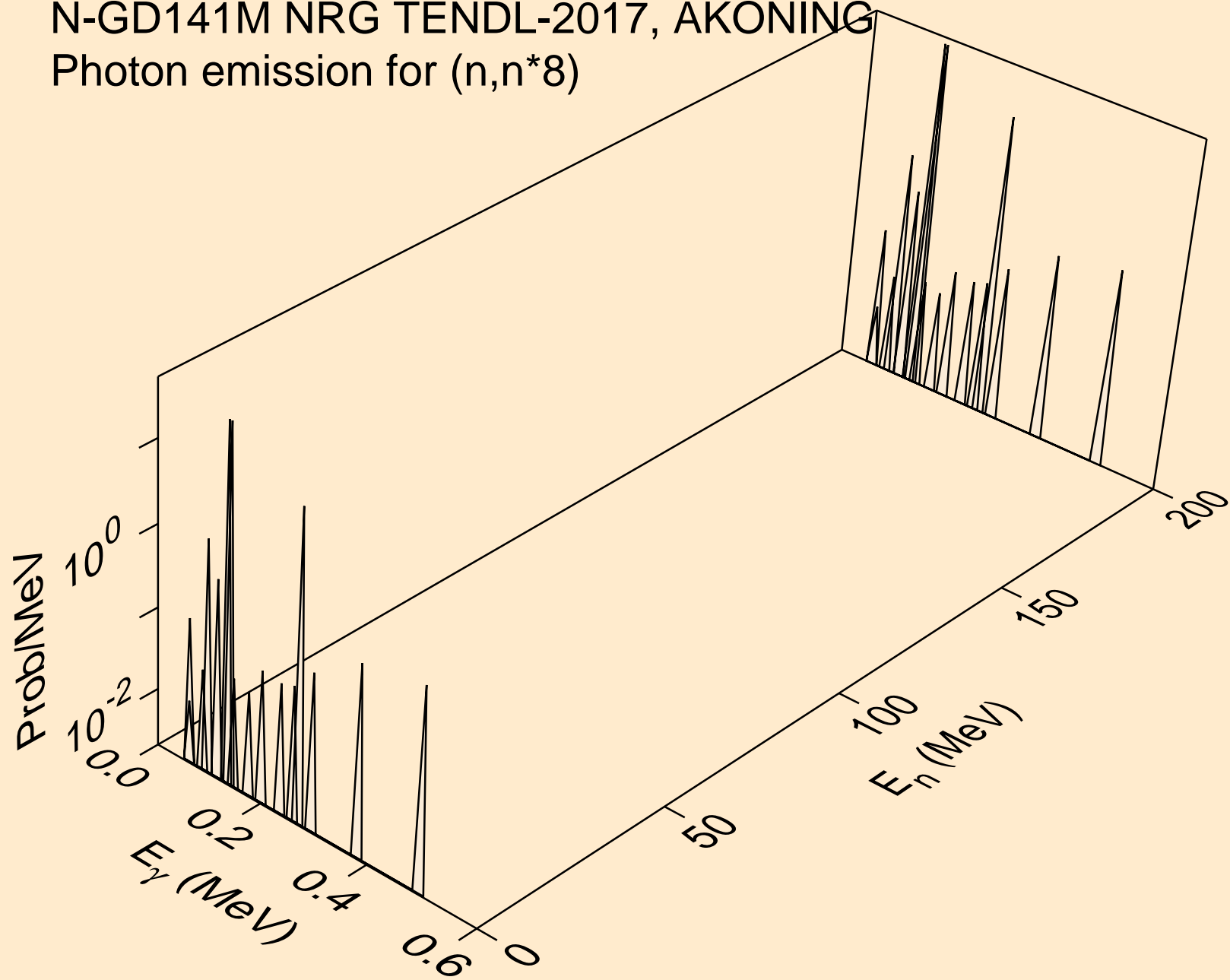
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Photon emission for (n,n\*6)



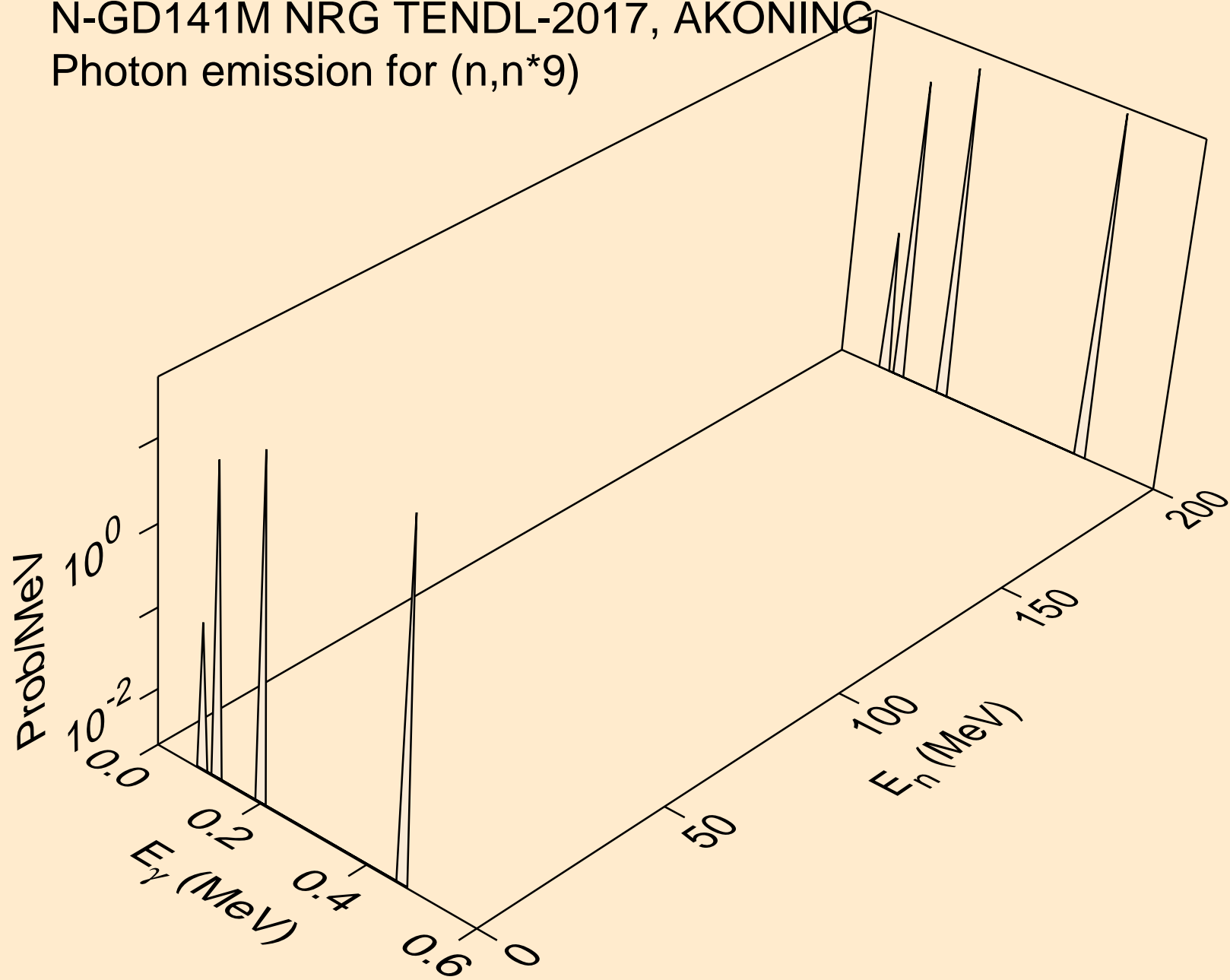
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Photon emission for (n,n\*7)



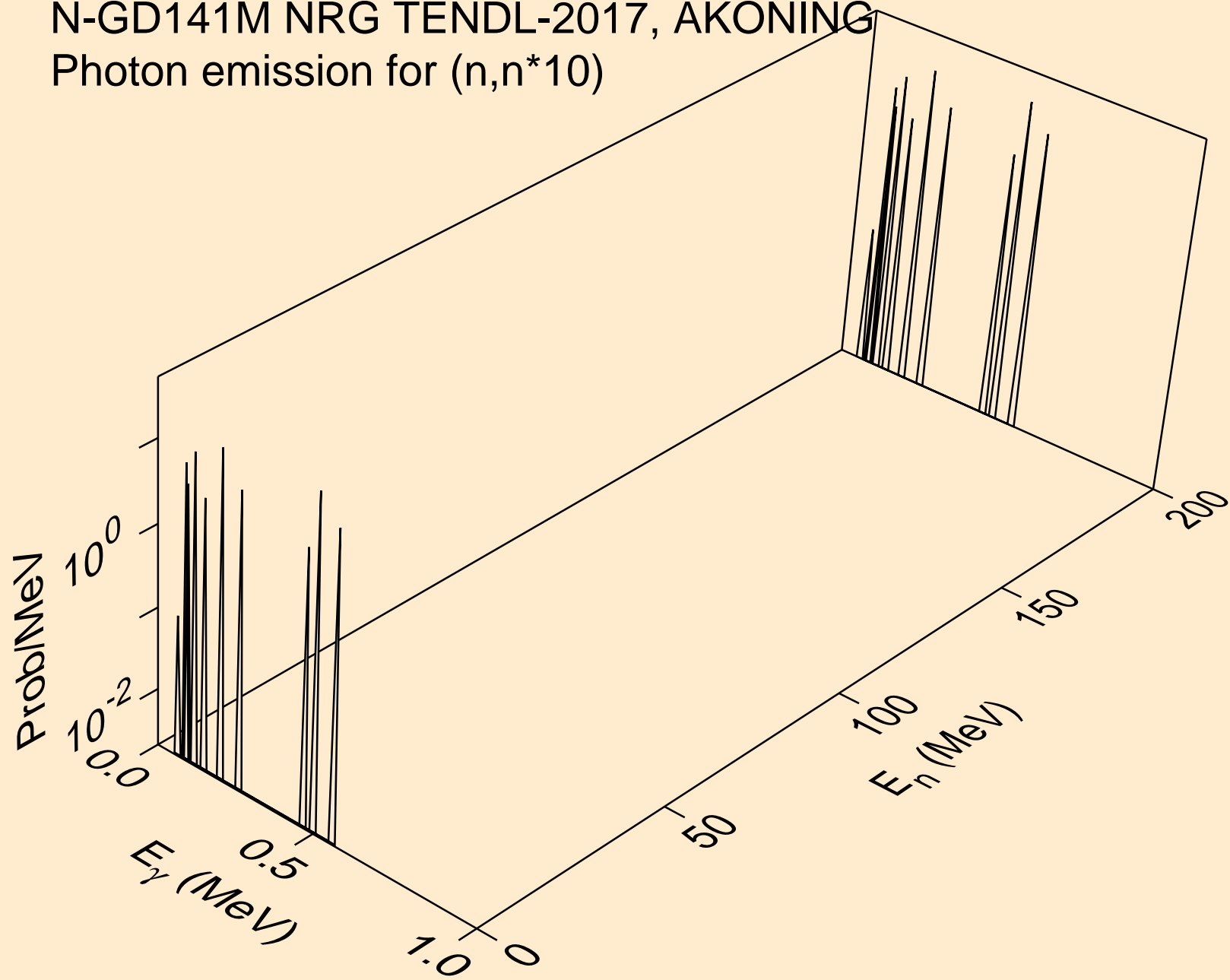
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Photon emission for (n,n\*8)



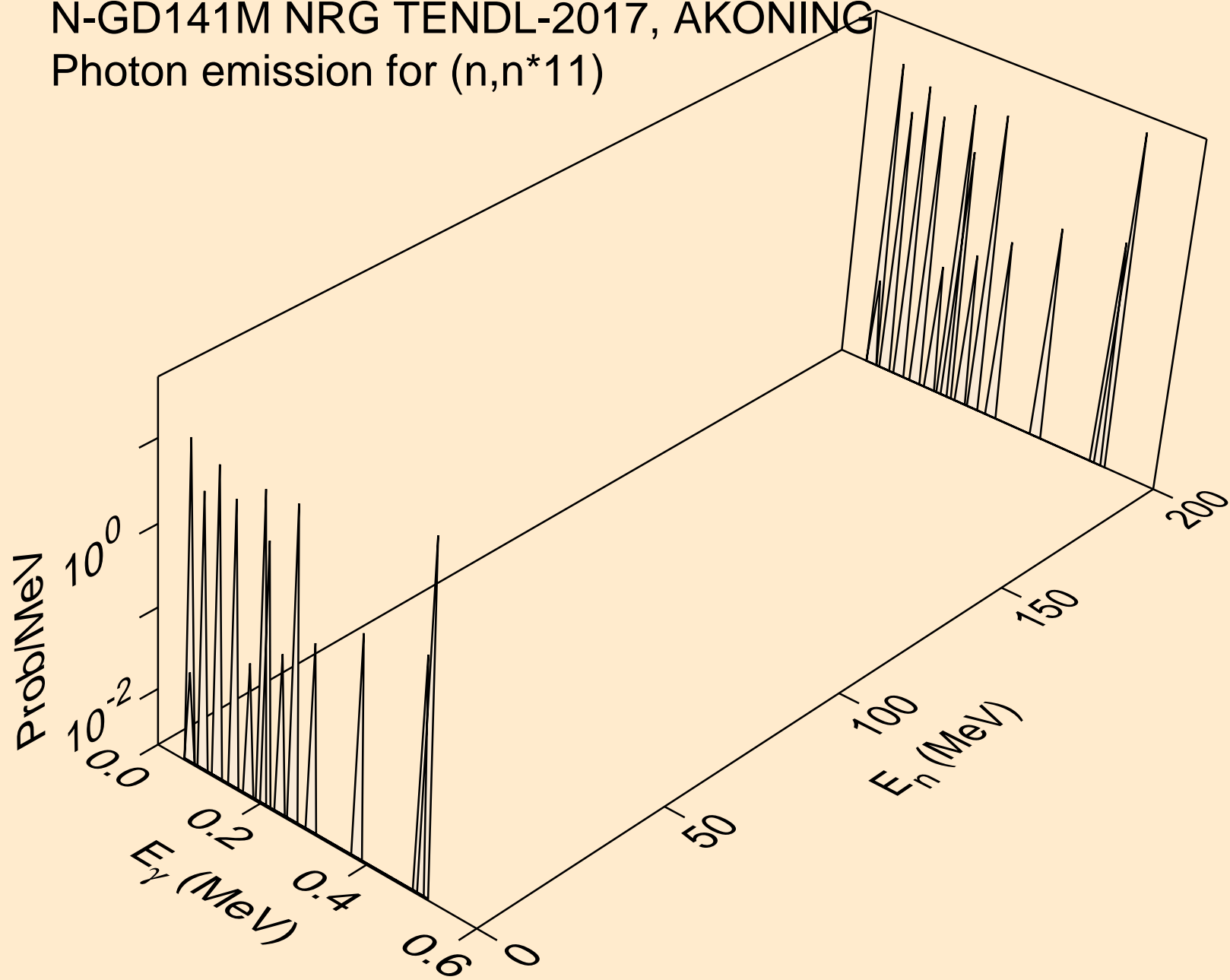
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Photon emission for (n,n\*9)



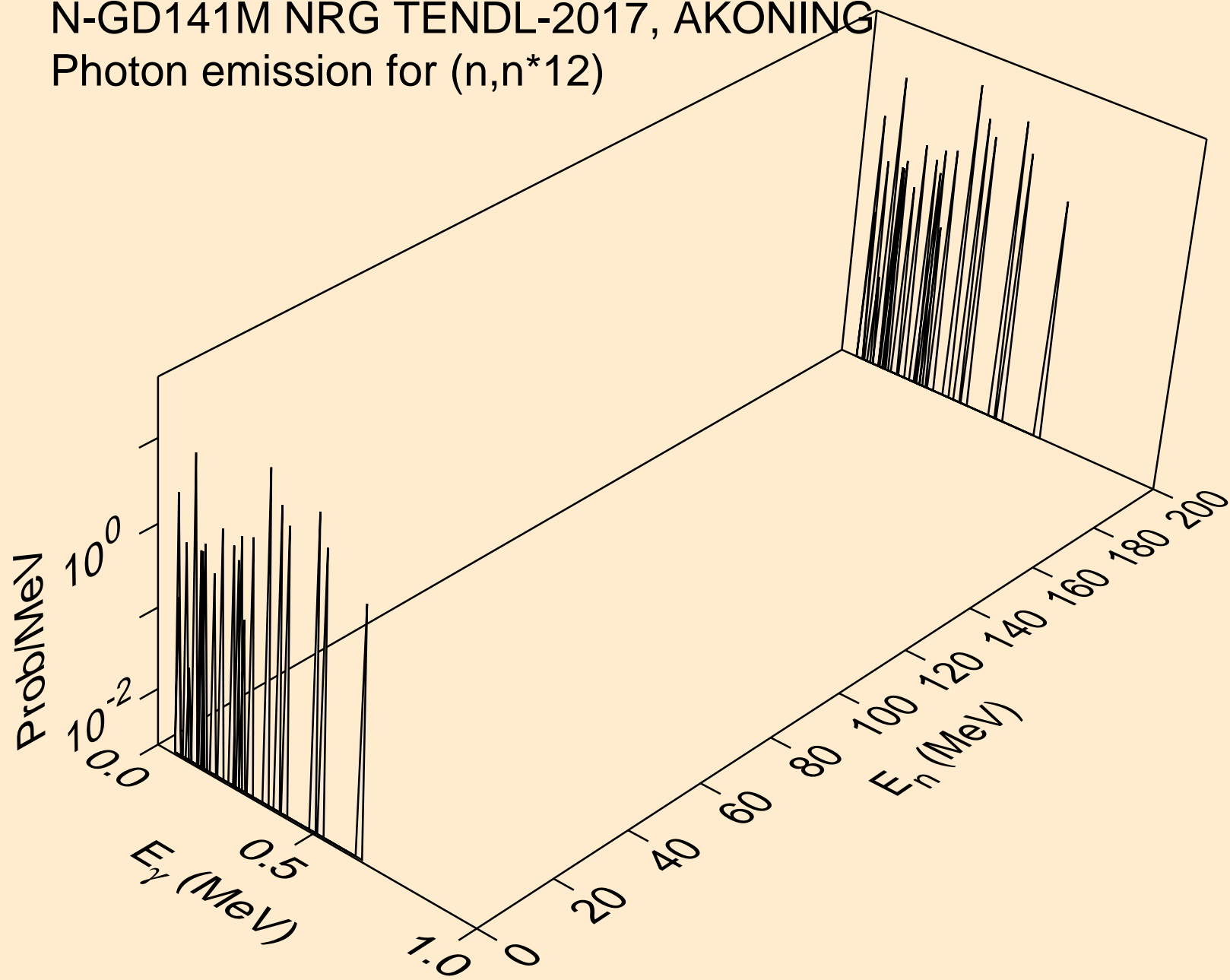
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*10)



N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,n\*11)

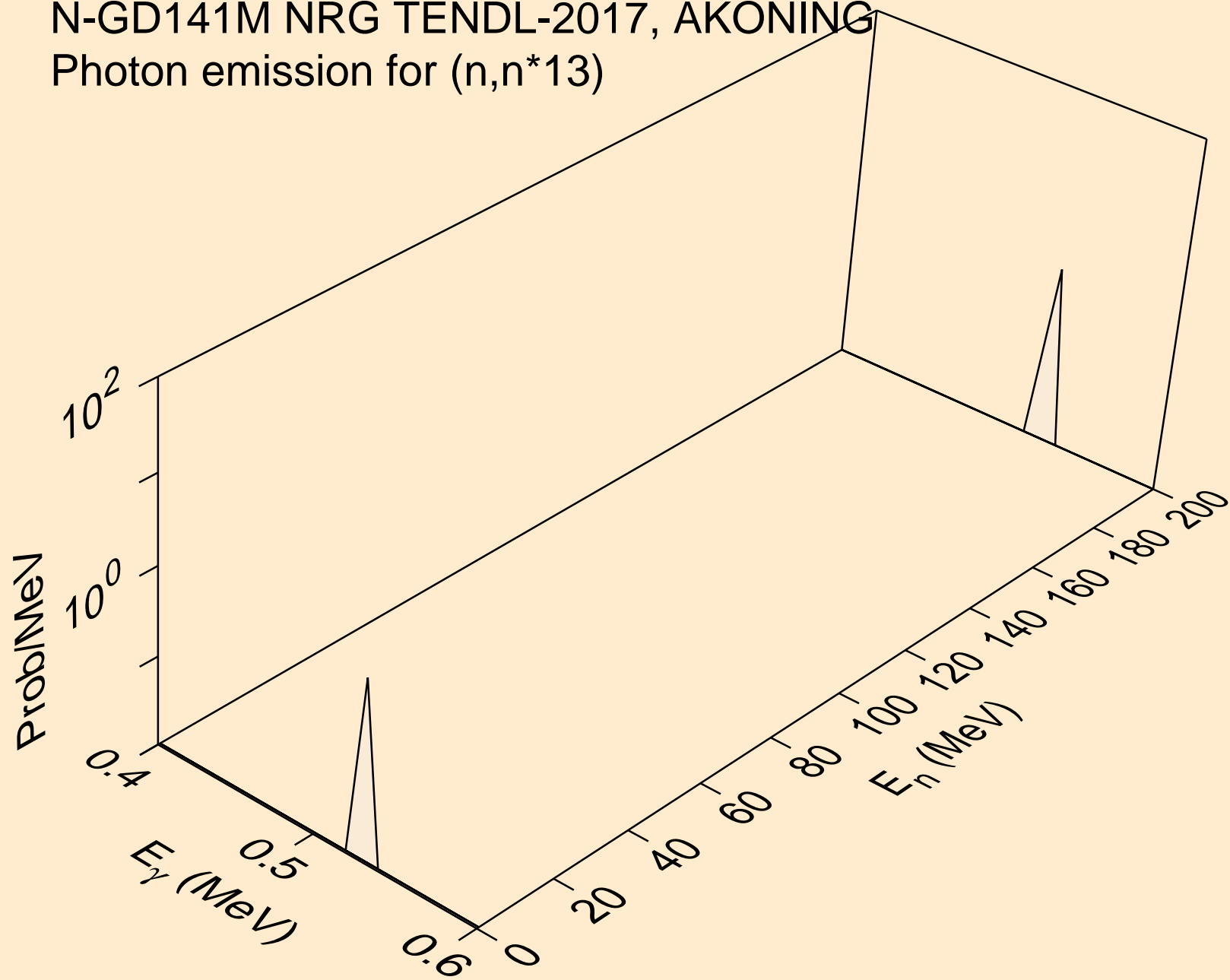


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Photon emission for (n,n\*12)

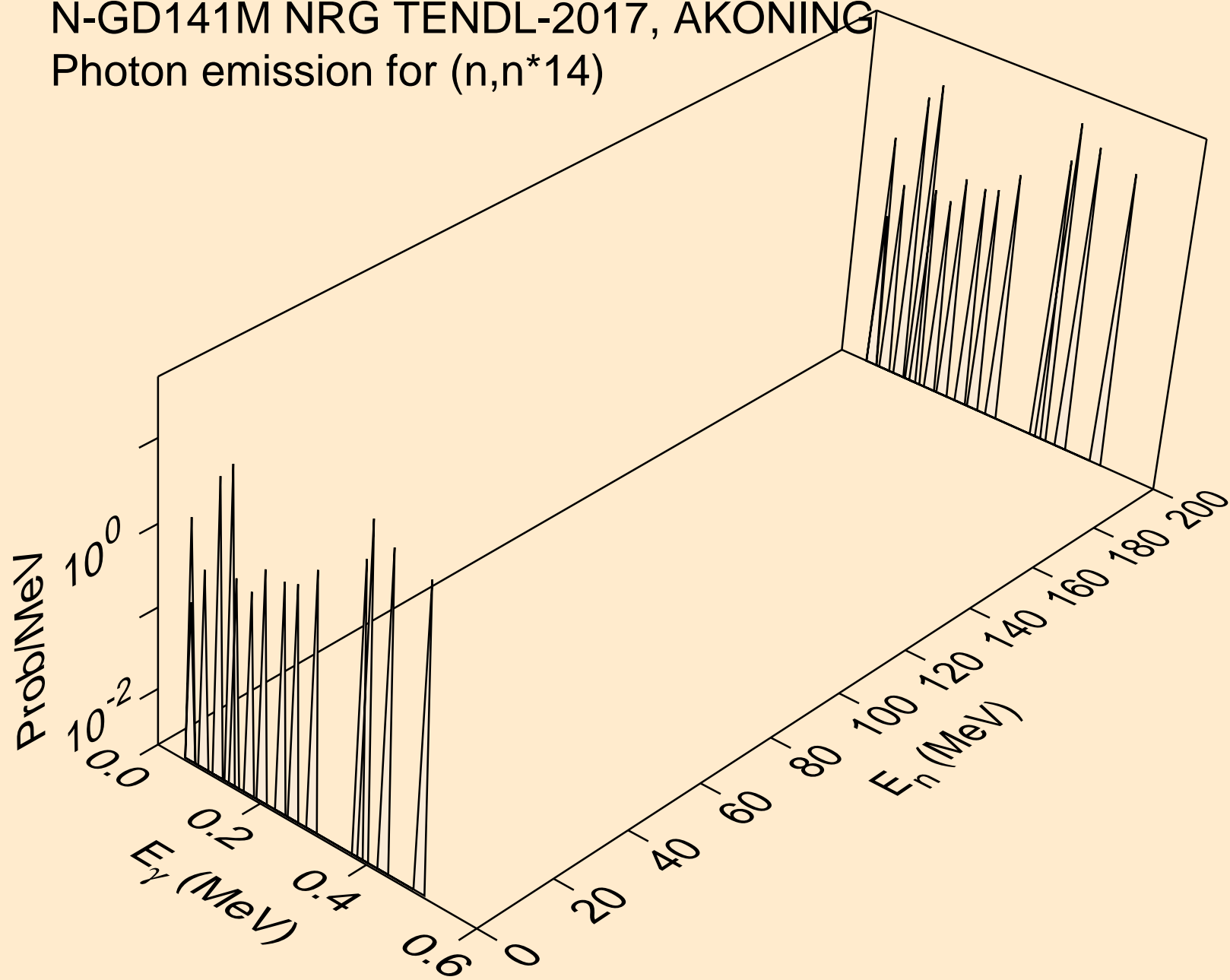




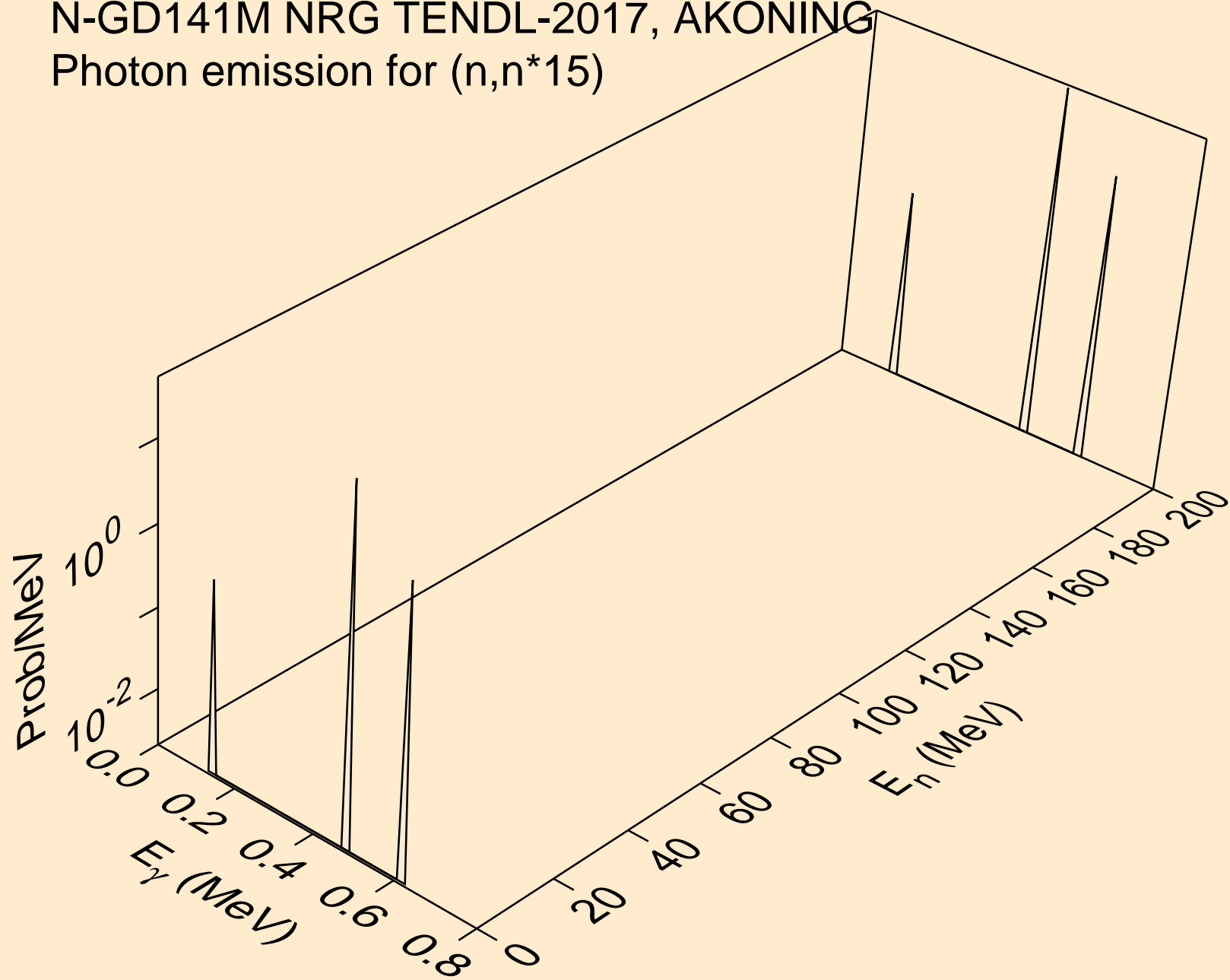
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Photon emission for (n,n\*13)



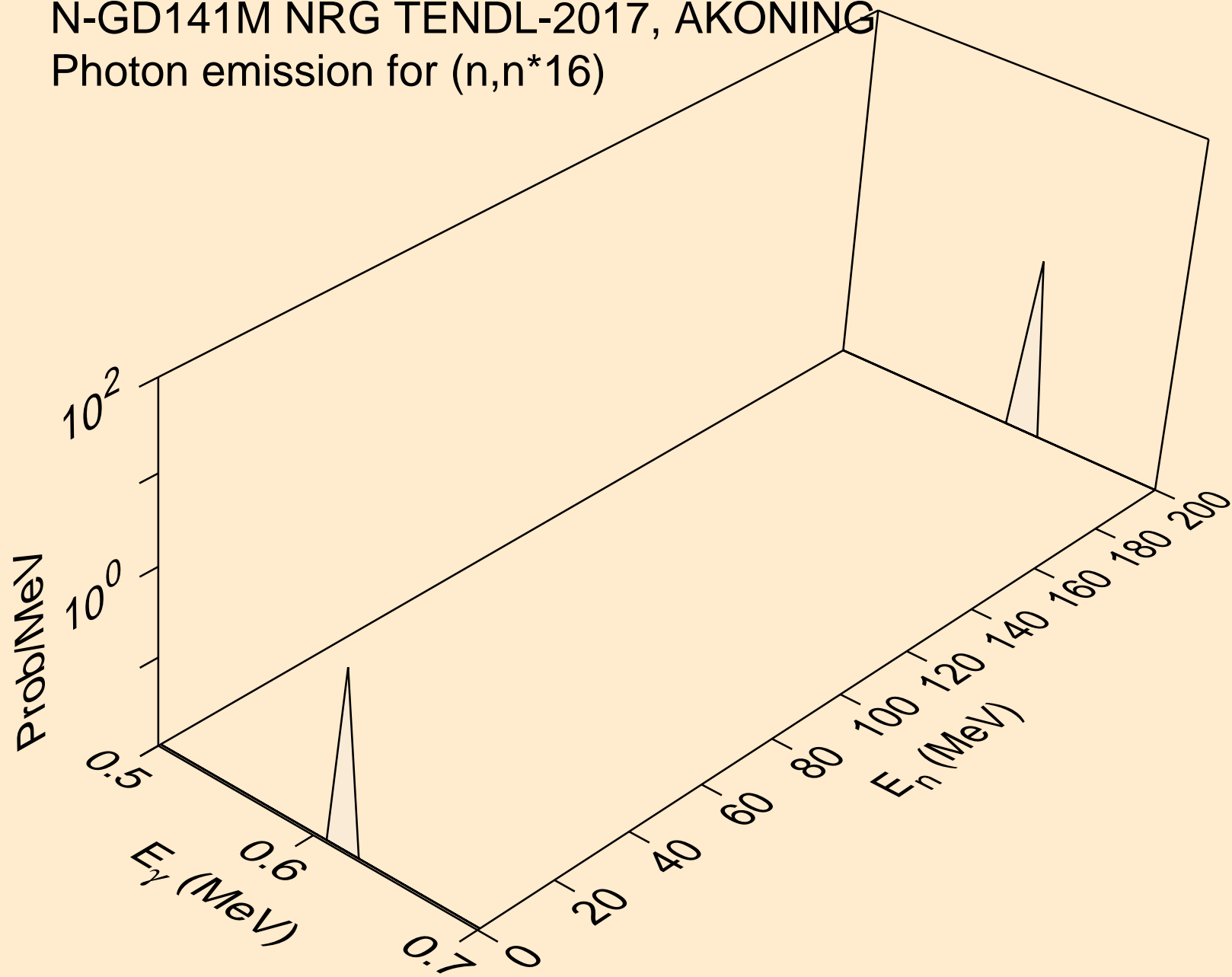
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Photon emission for (n,n\*14)



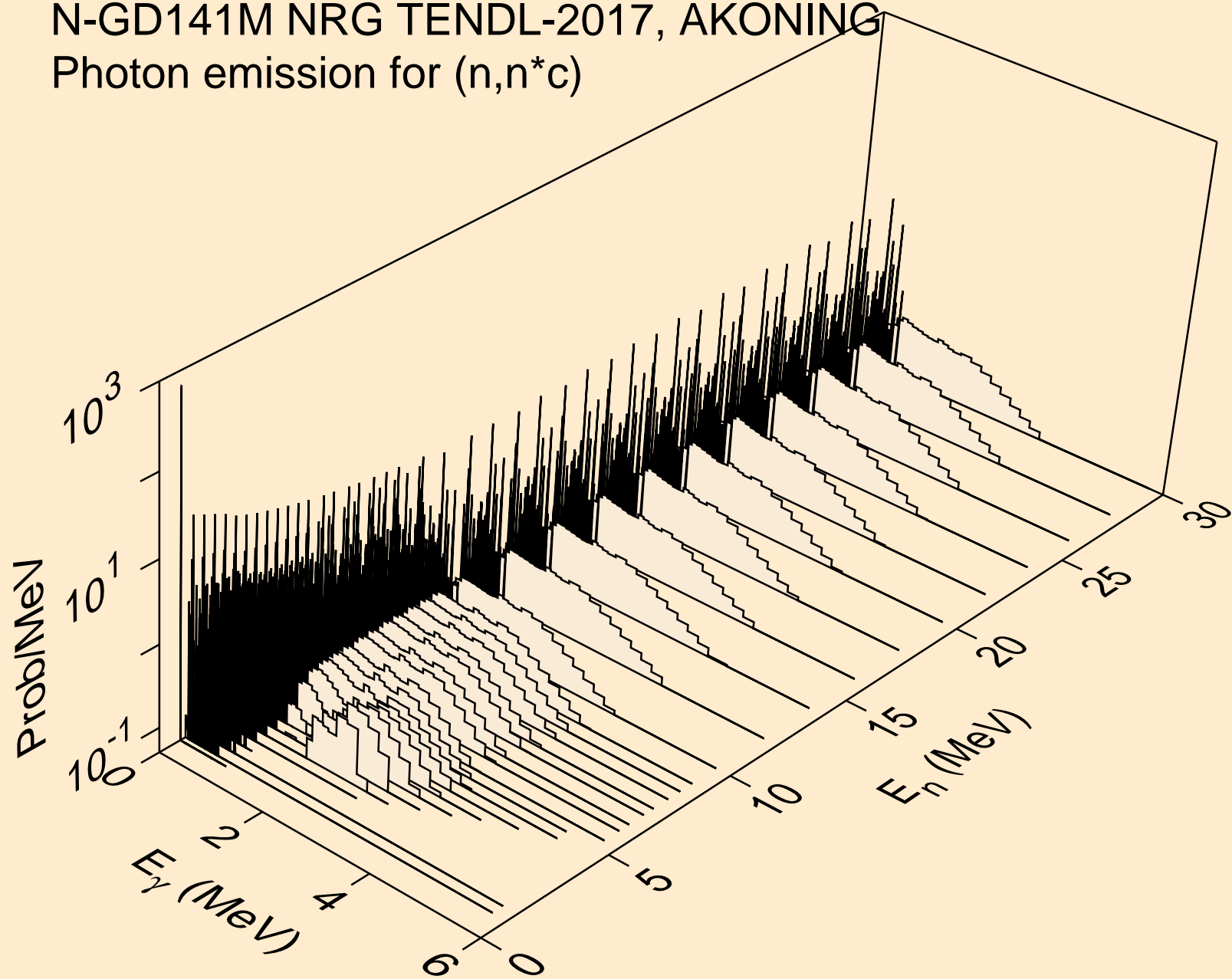
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Photon emission for (n,n\*15)



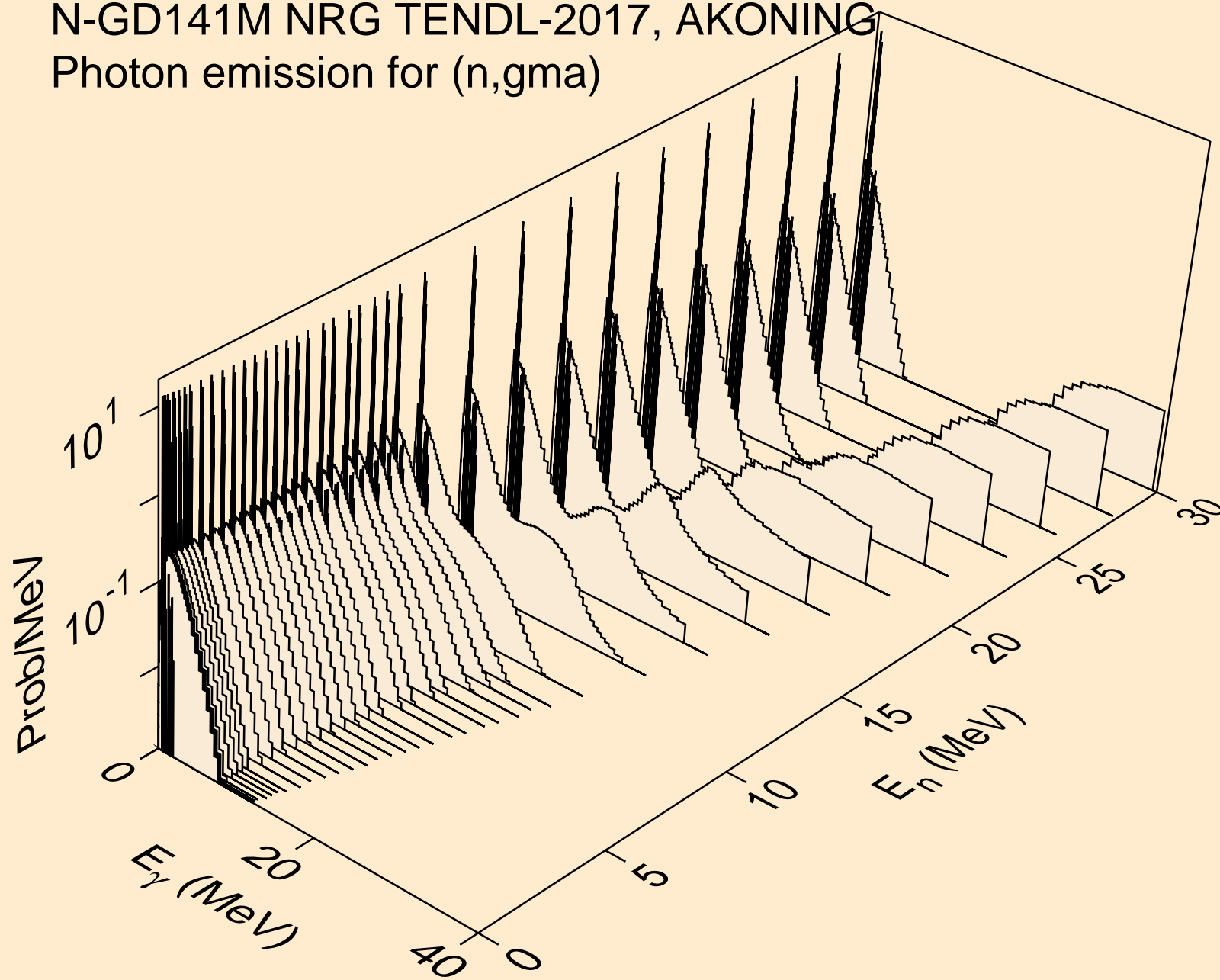
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Photon emission for (n,n\*16)



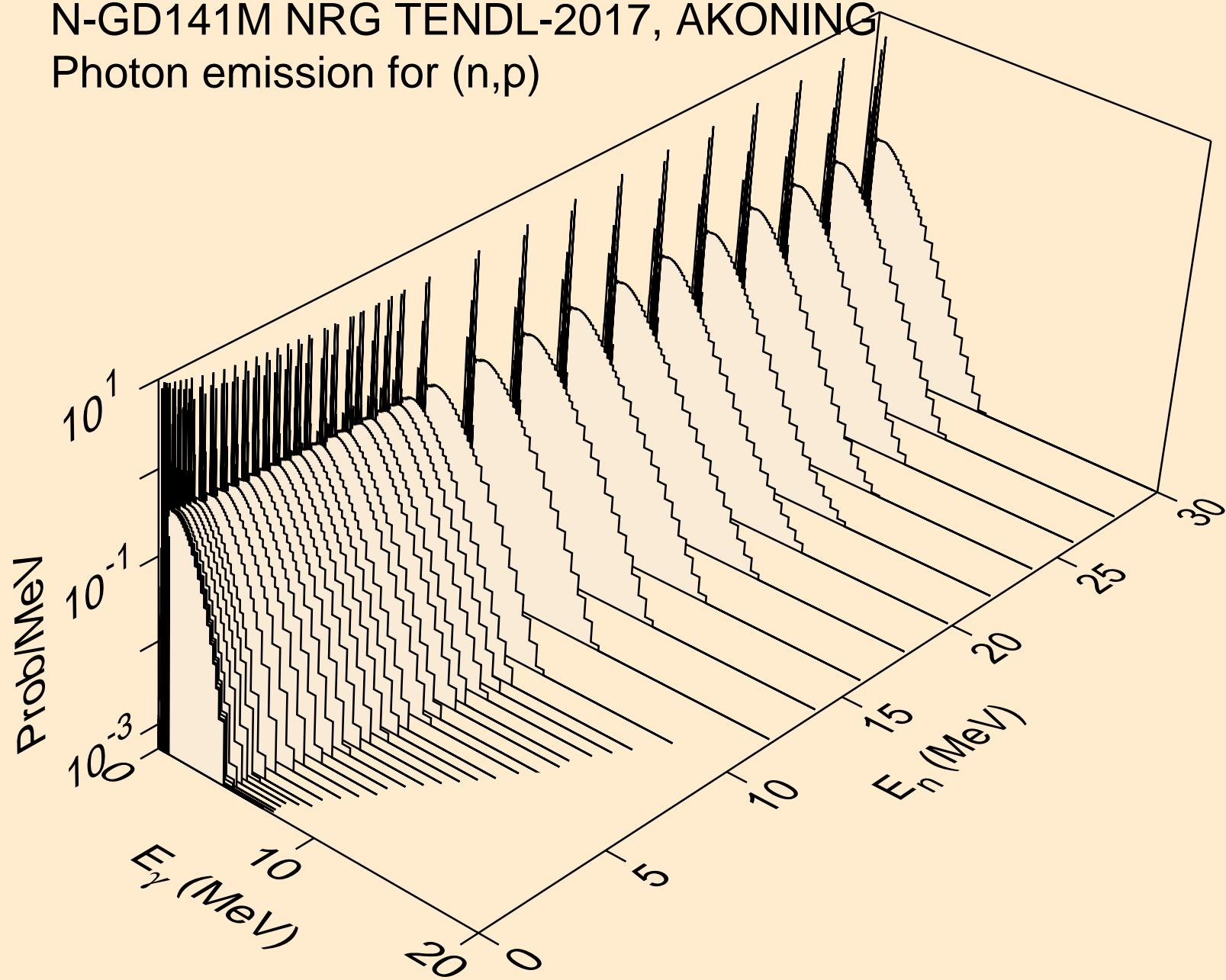
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Photon emission for (n,n\*c)



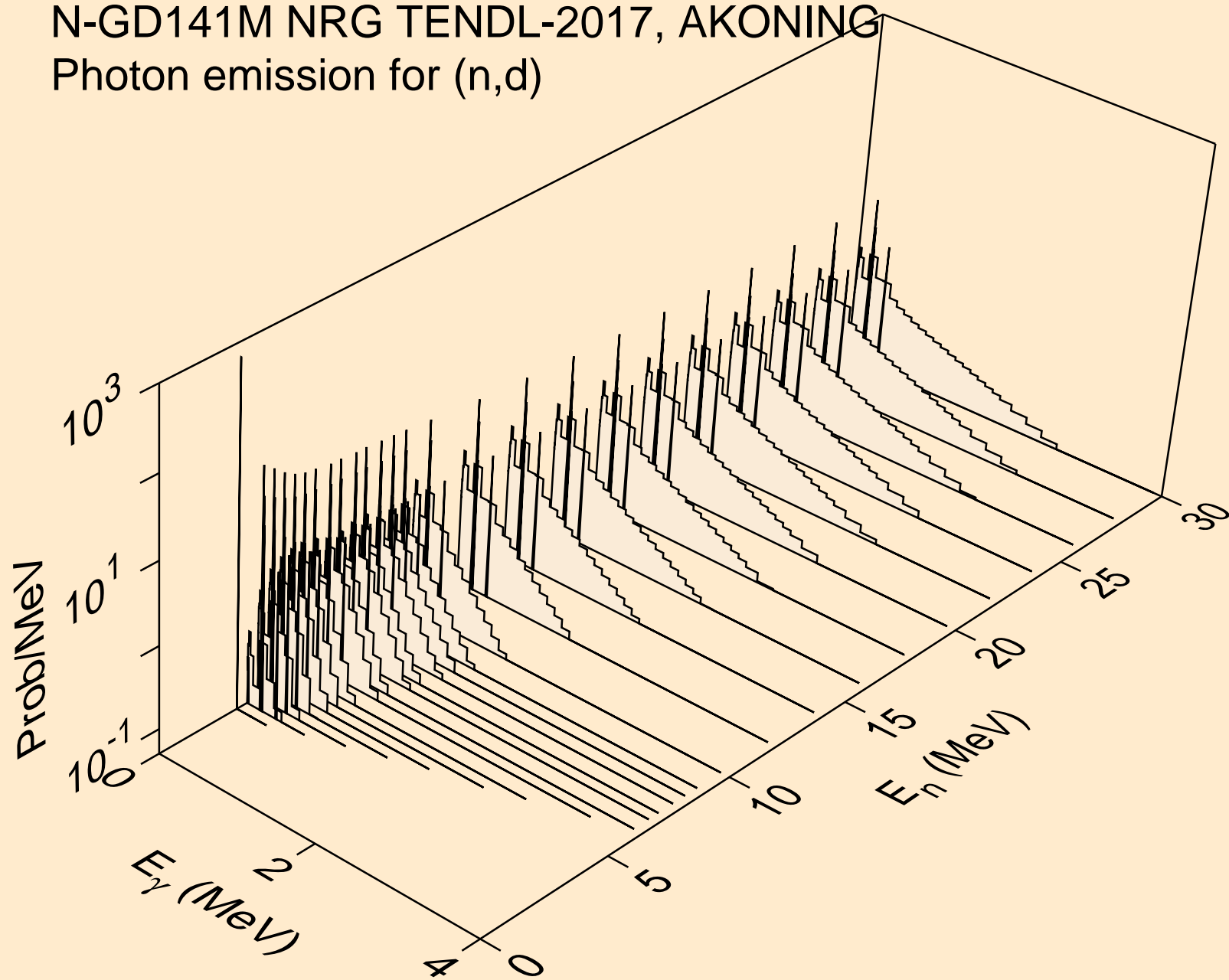
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Photon emission for (n,gma)



N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,p)

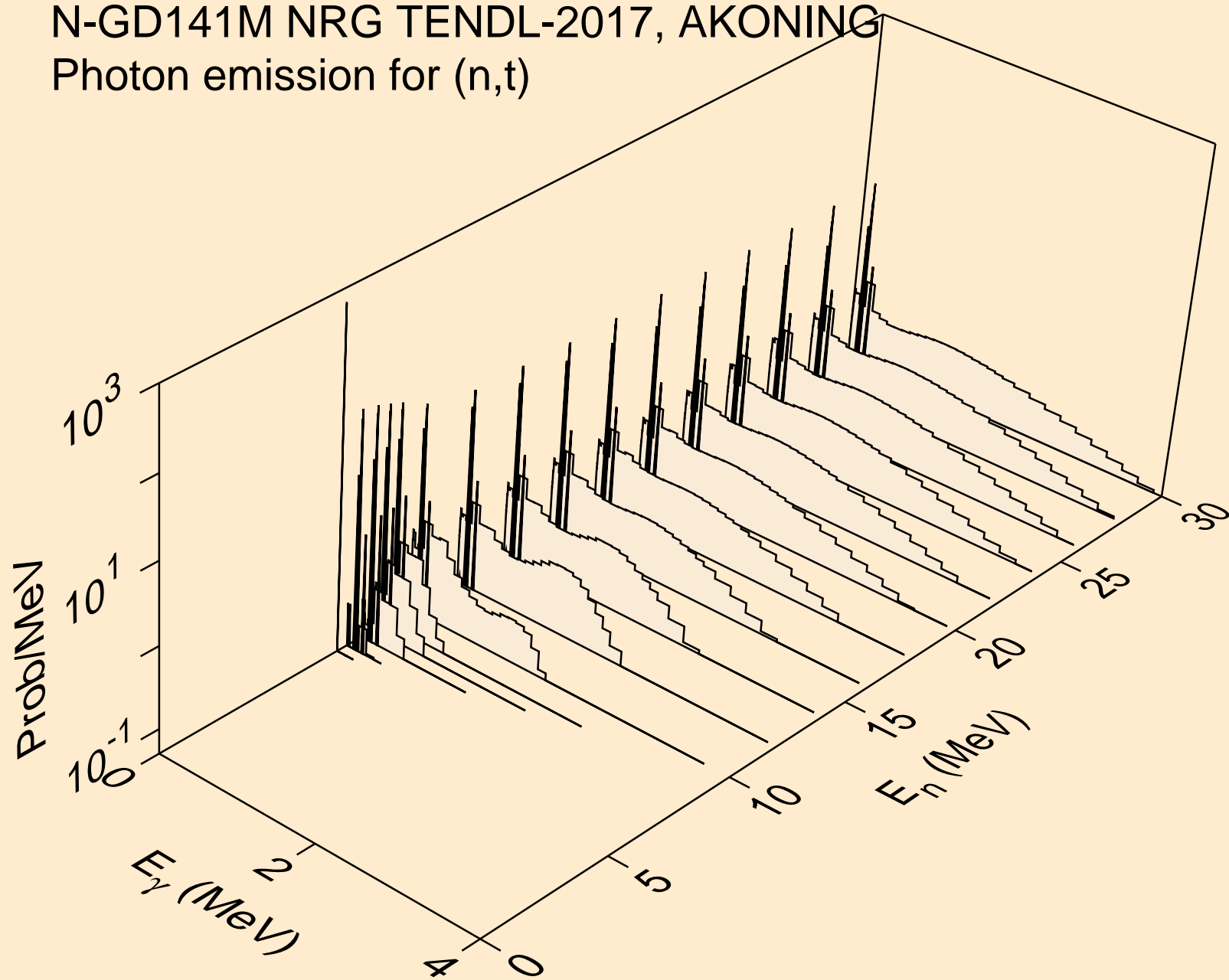


N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,d)

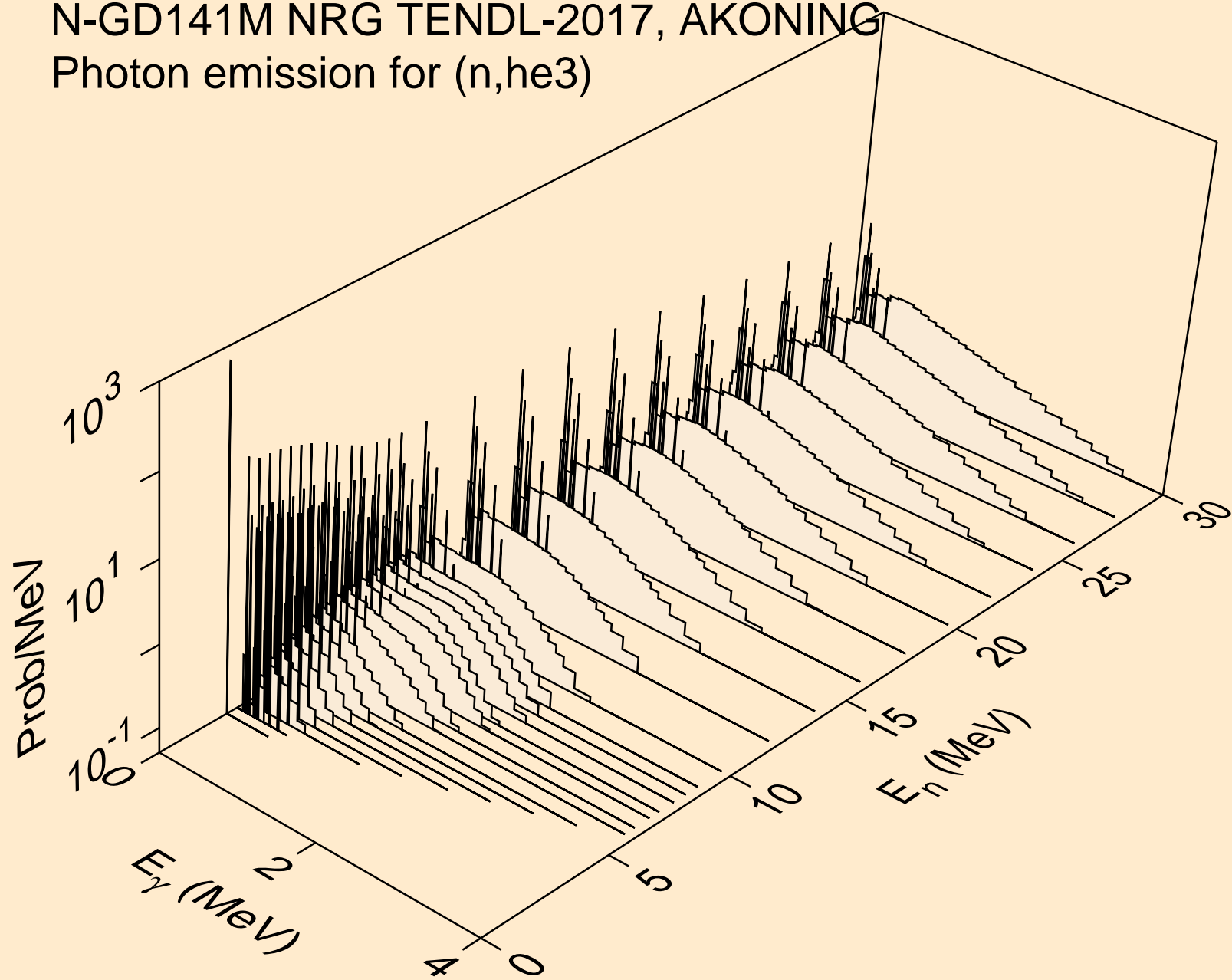




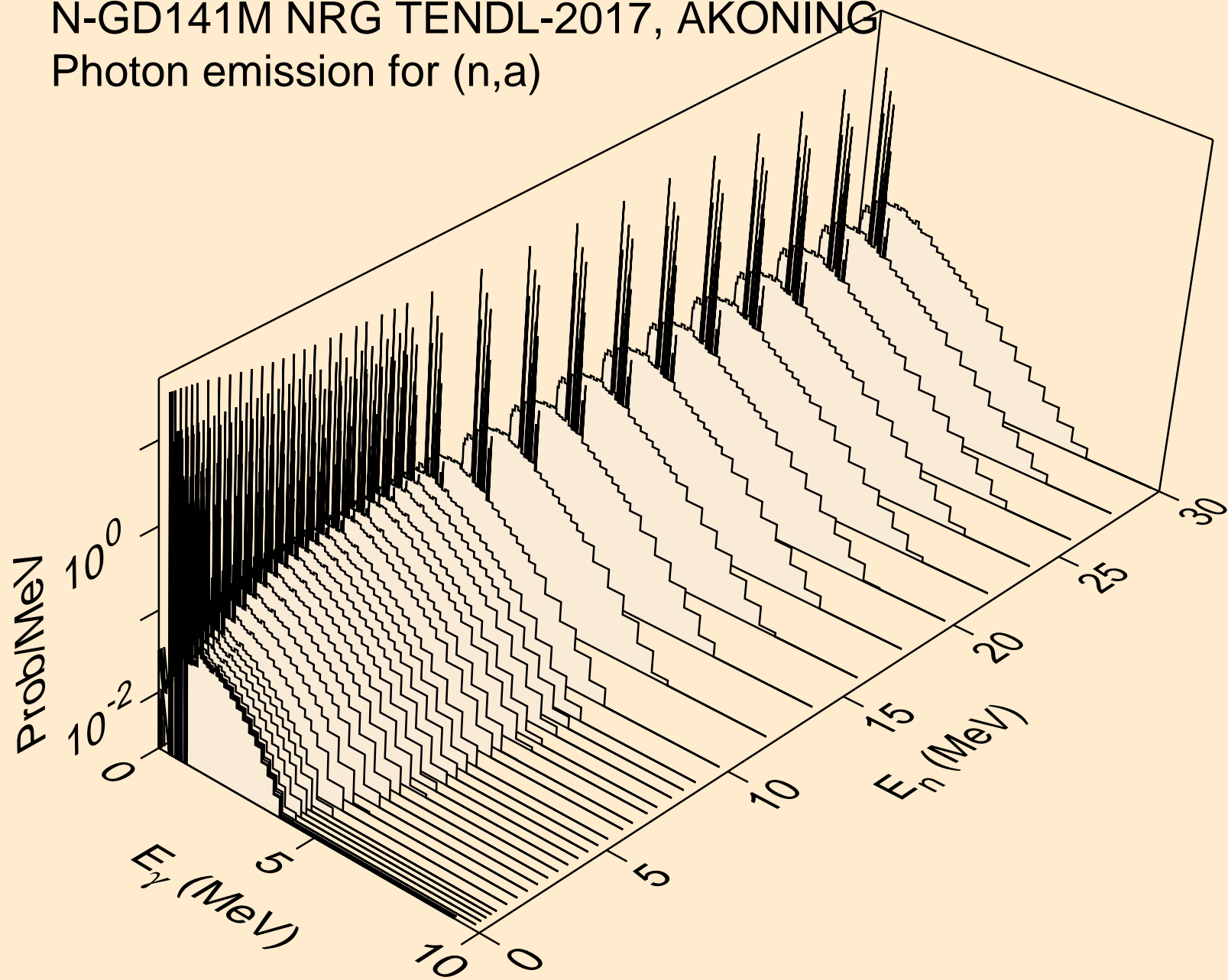
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Photon emission for (n,t)



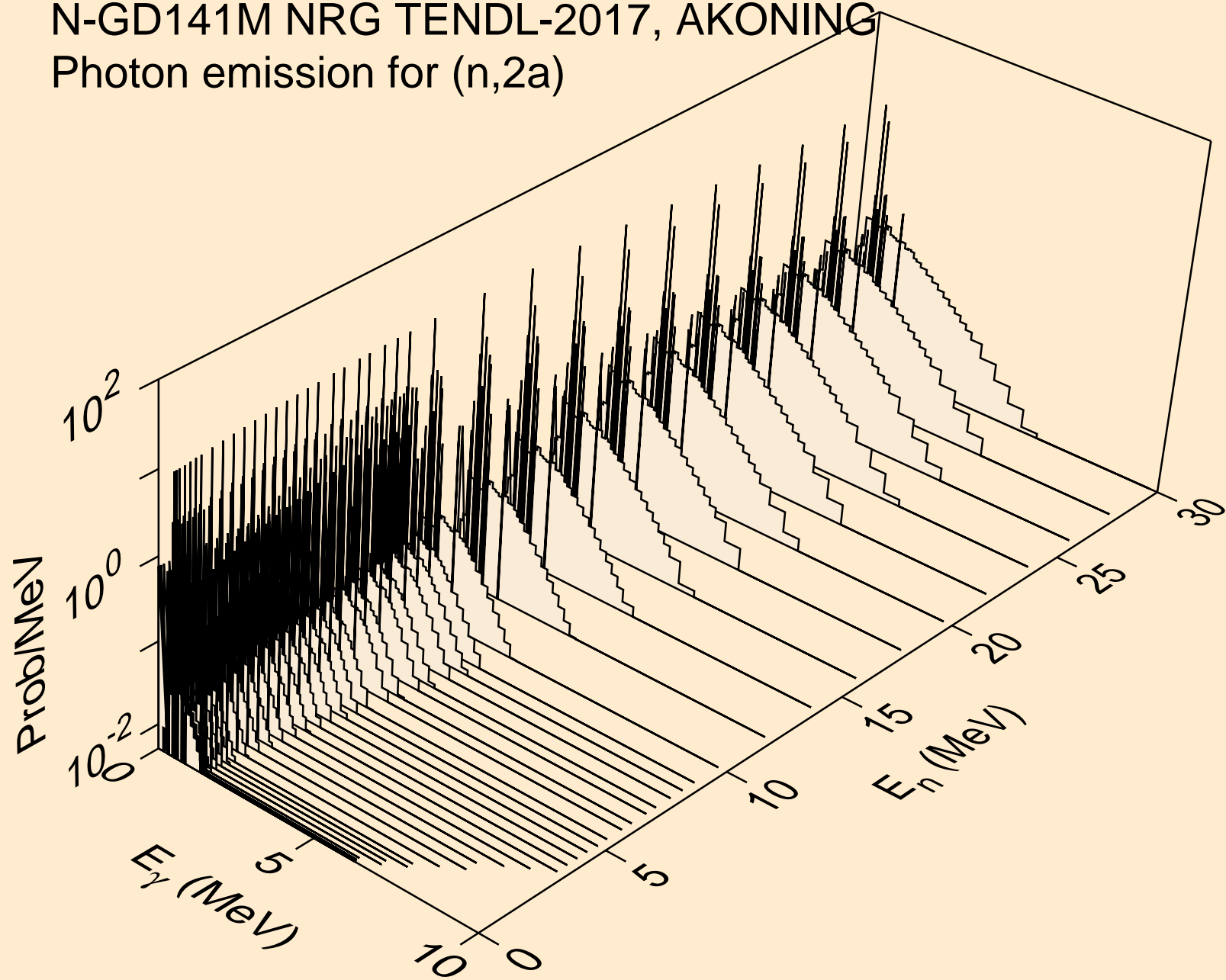
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Photon emission for (n,he3)



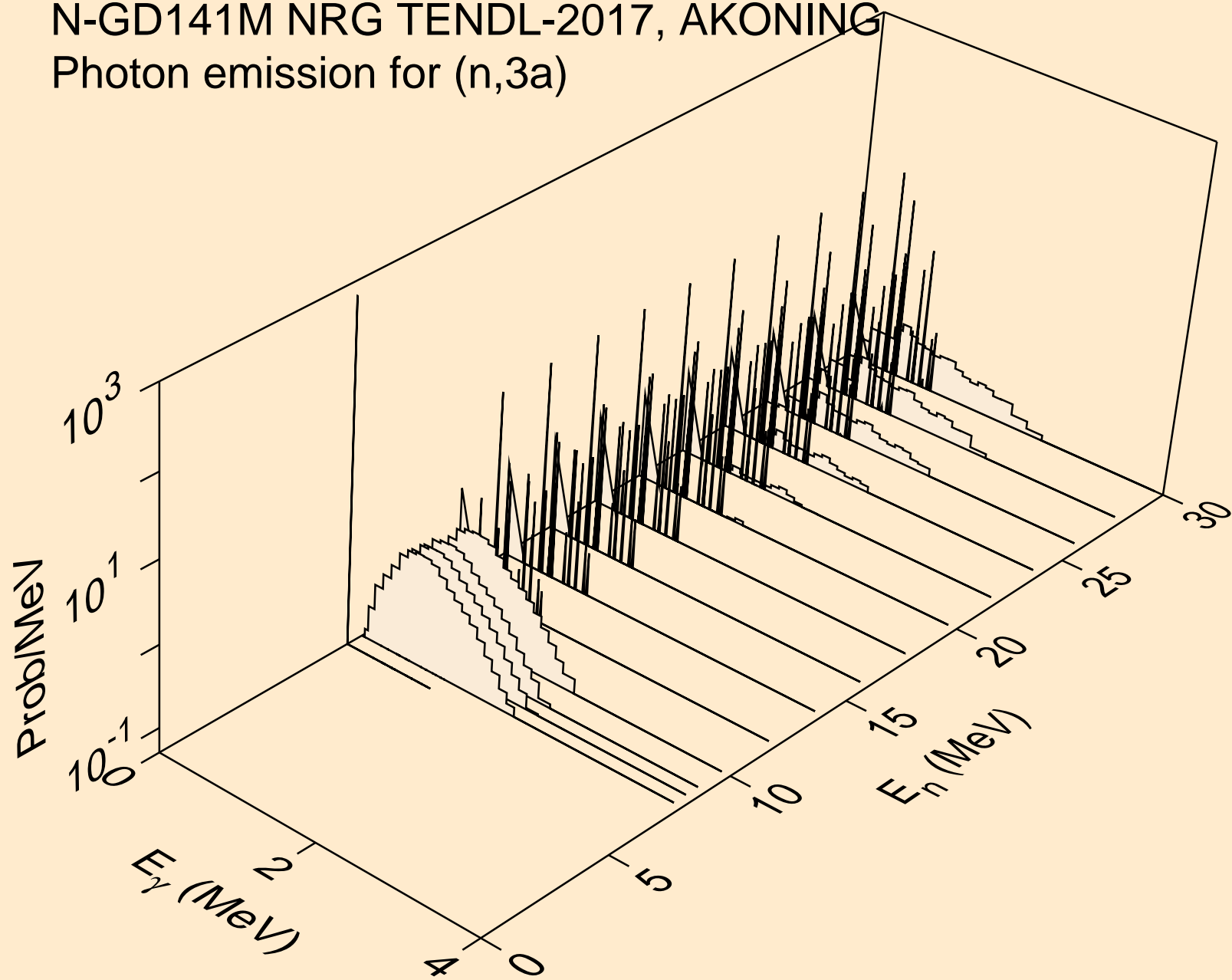
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Photon emission for (n,a)



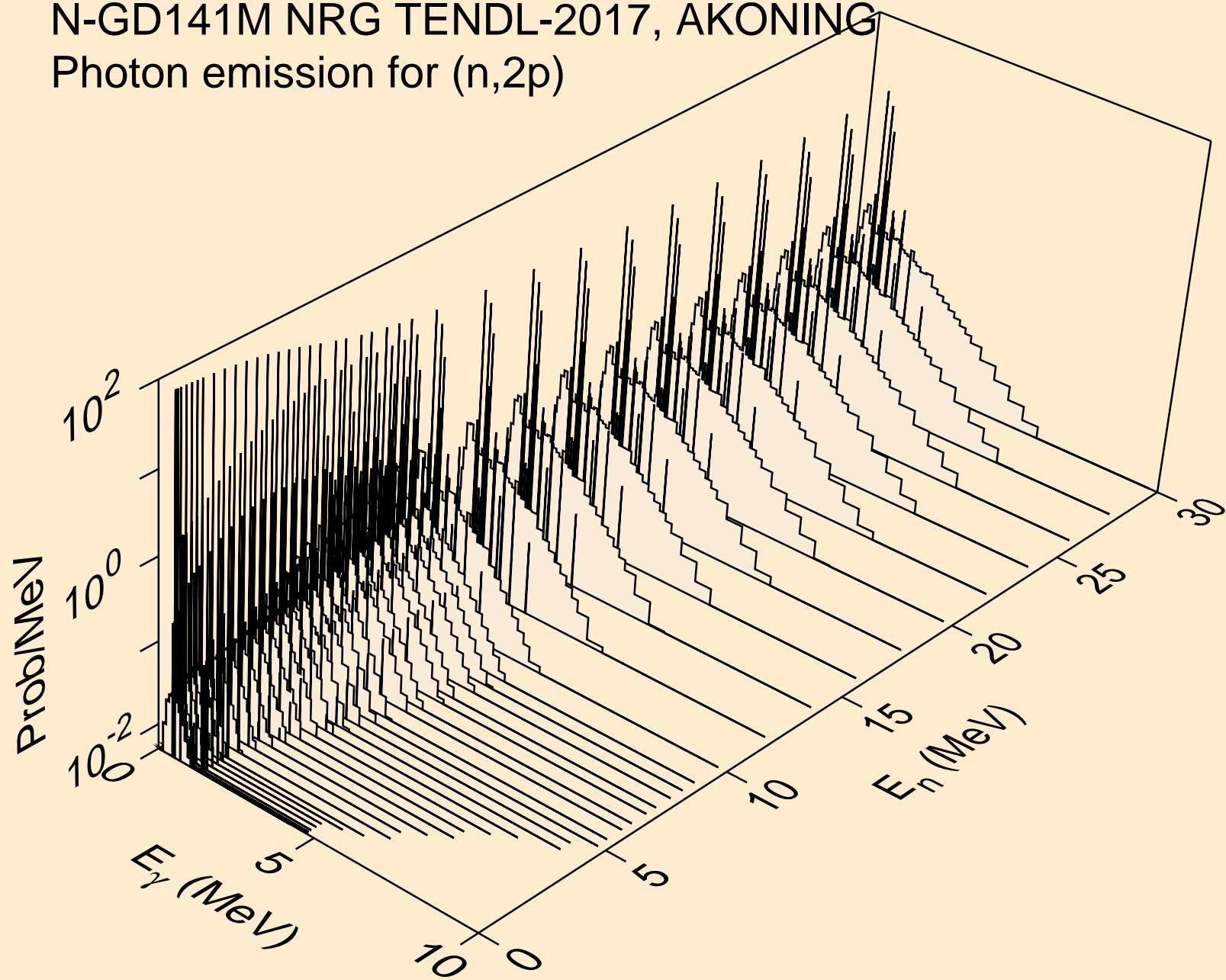
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2a)



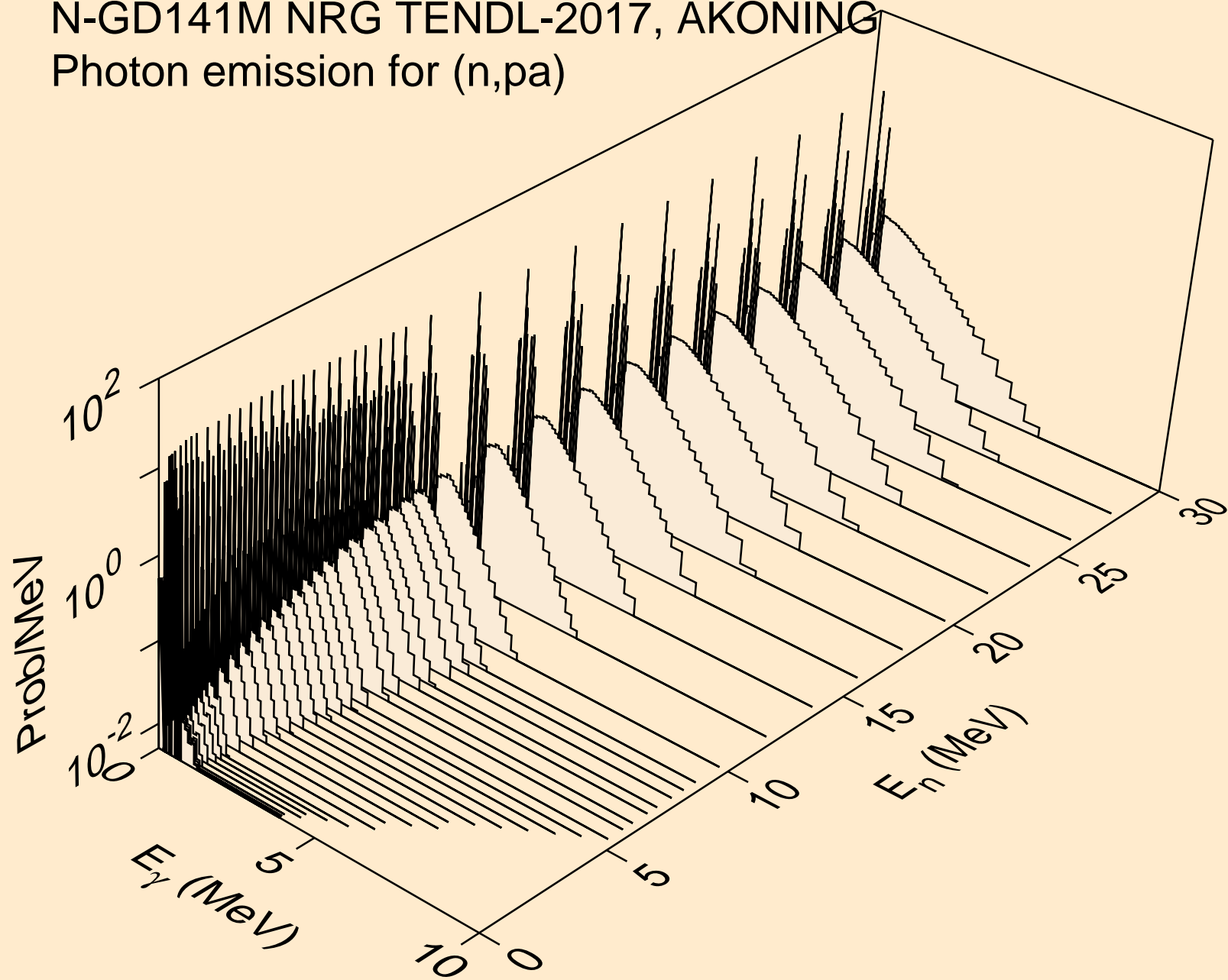
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,3a)



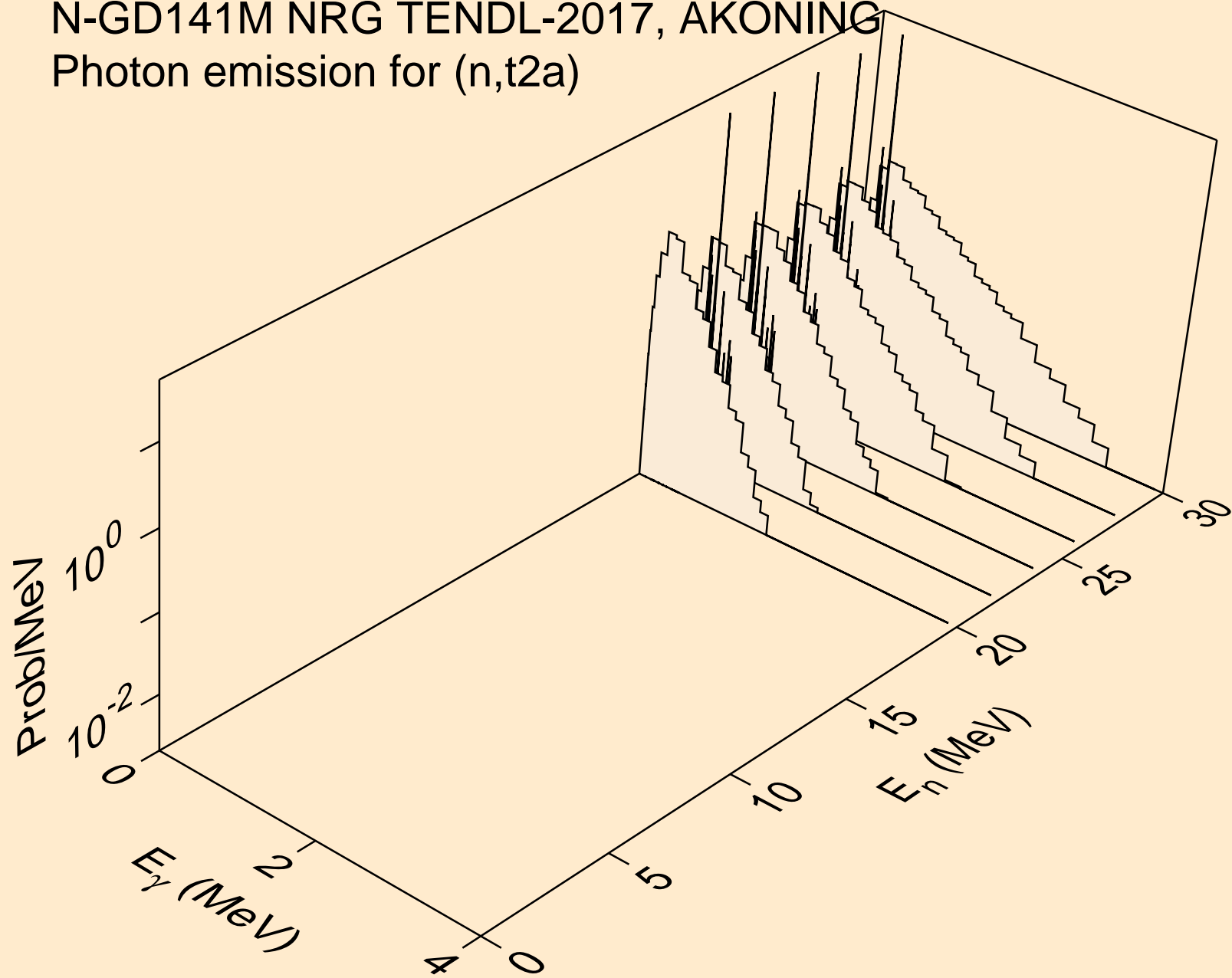
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,2p)



N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,p $\alpha$ )

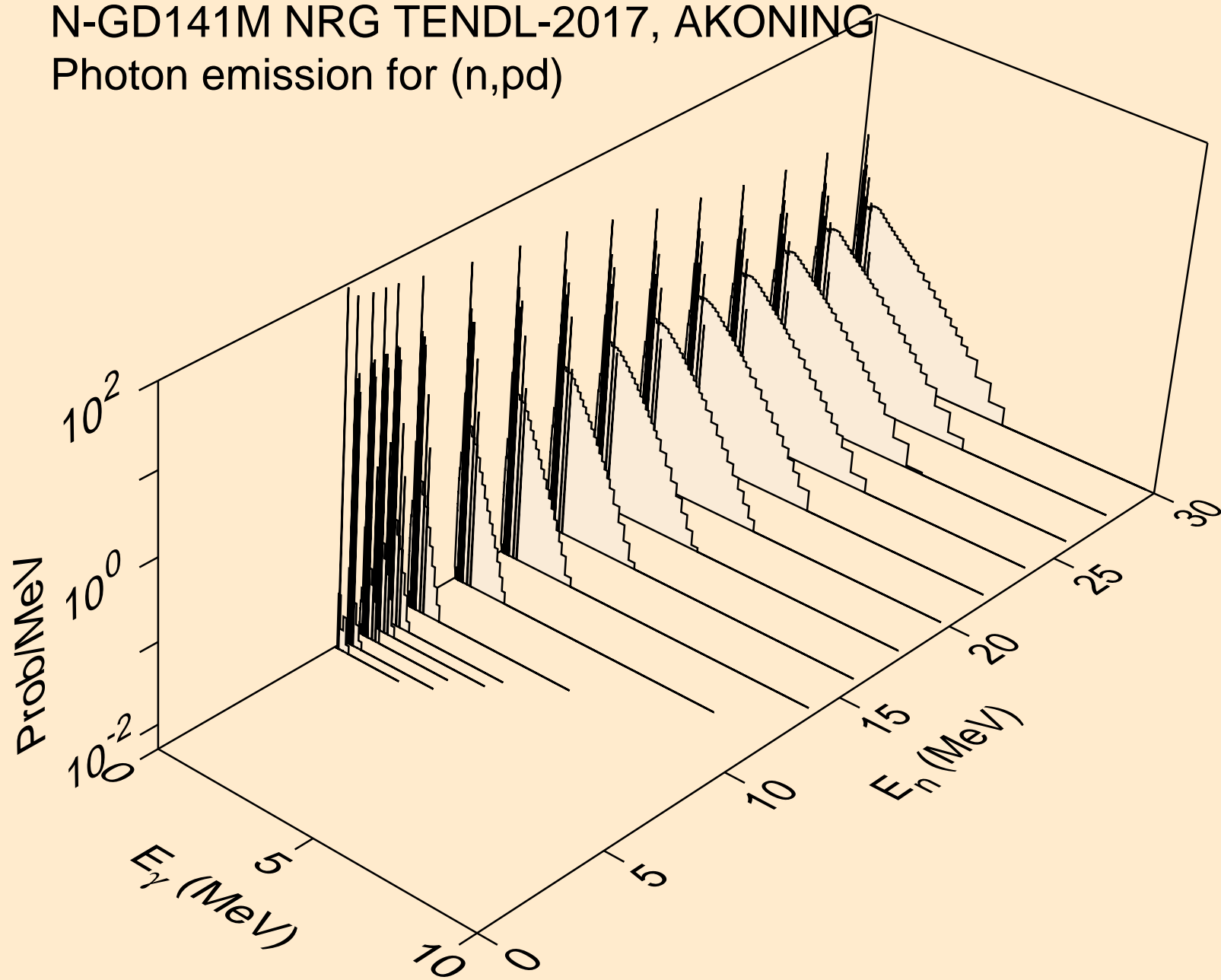


N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,t2a)

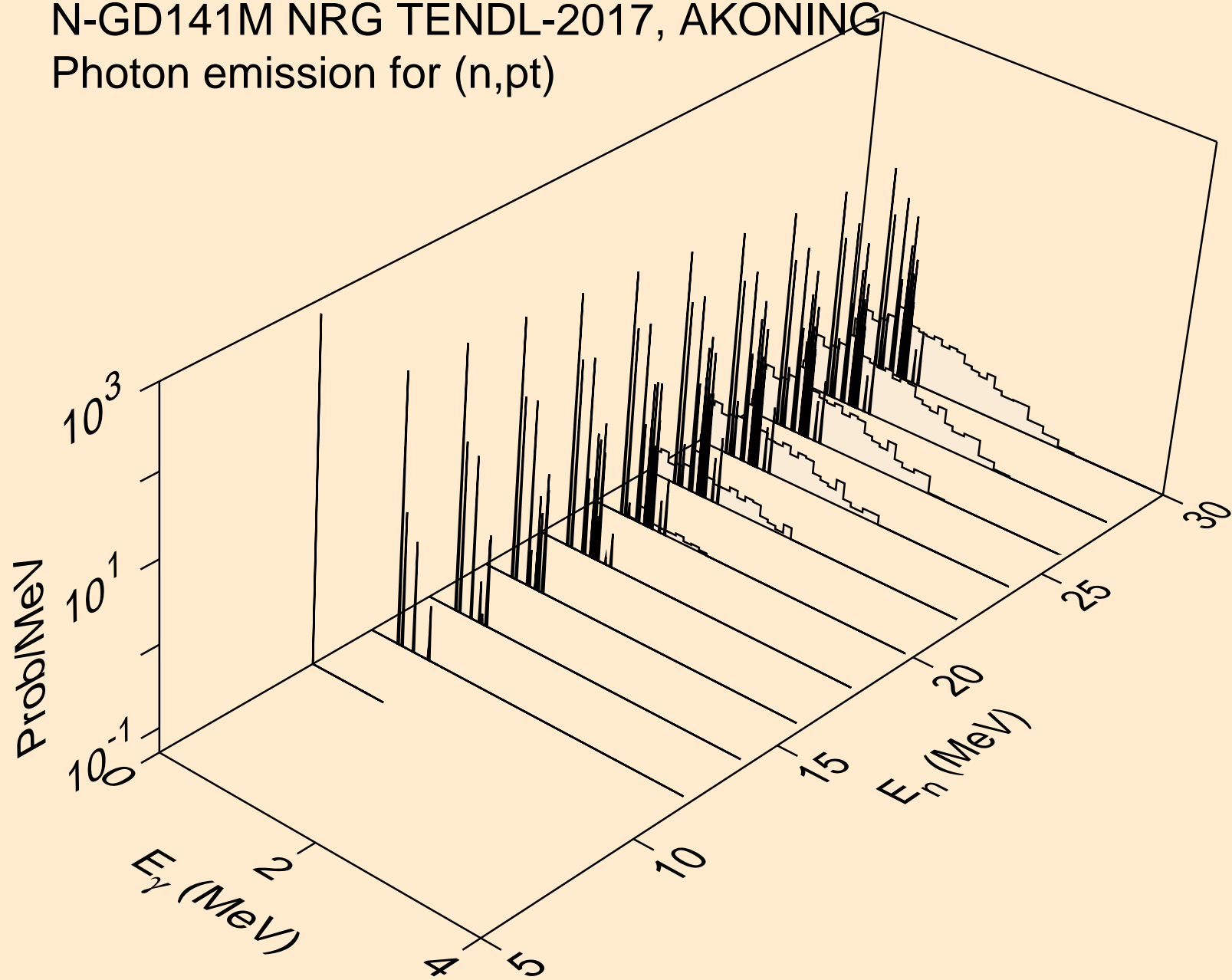




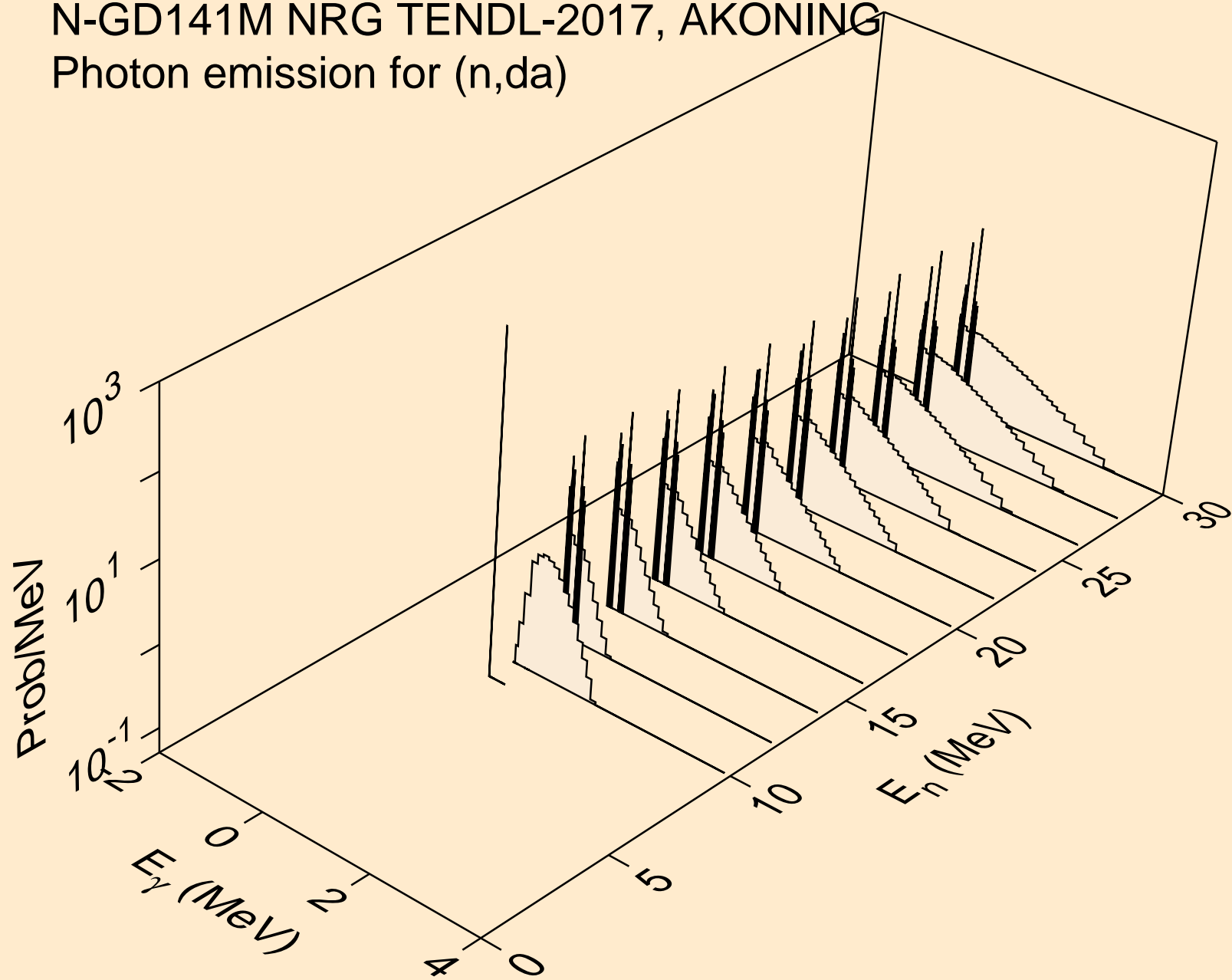
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,pd)



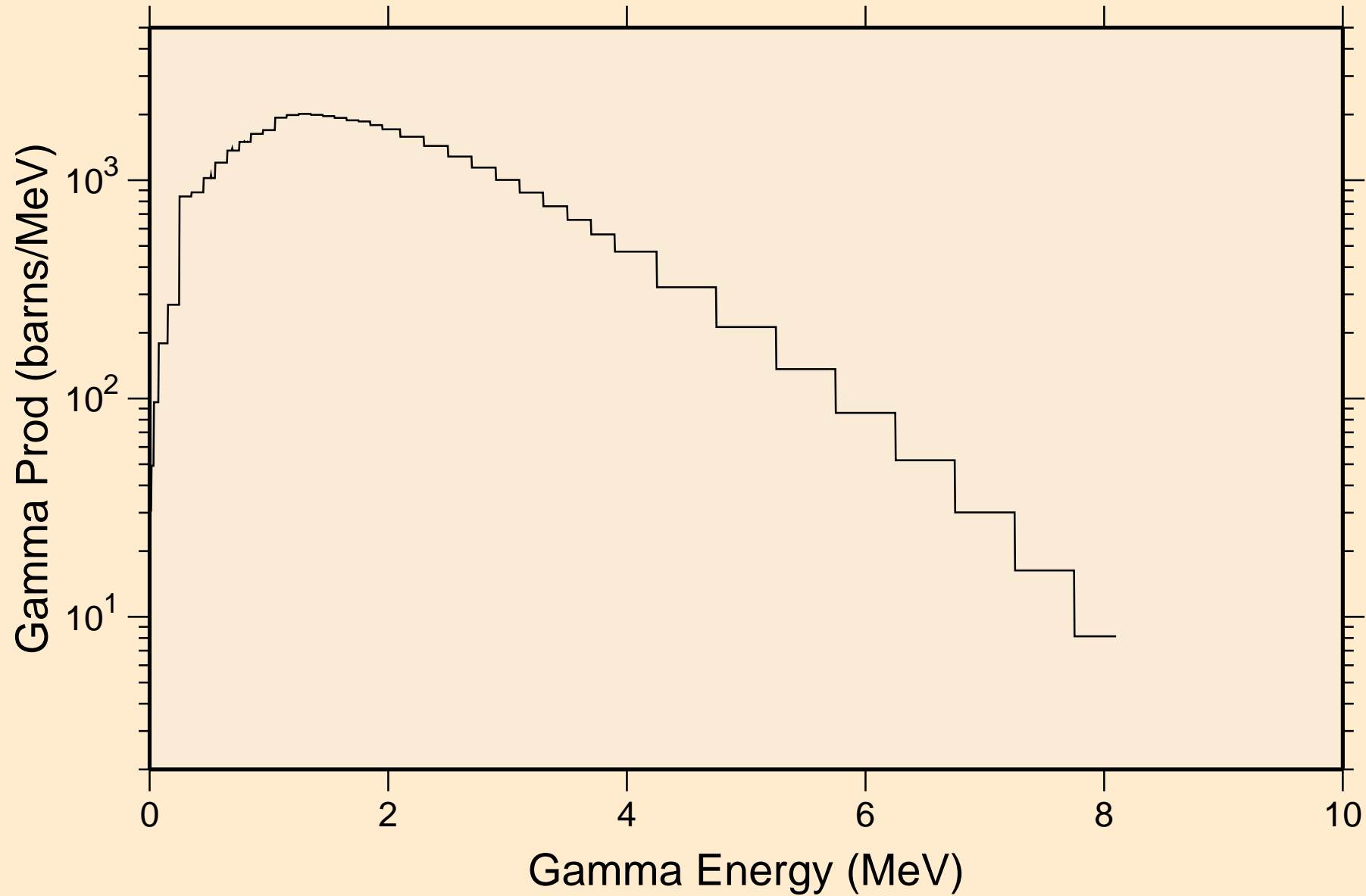
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,pt)



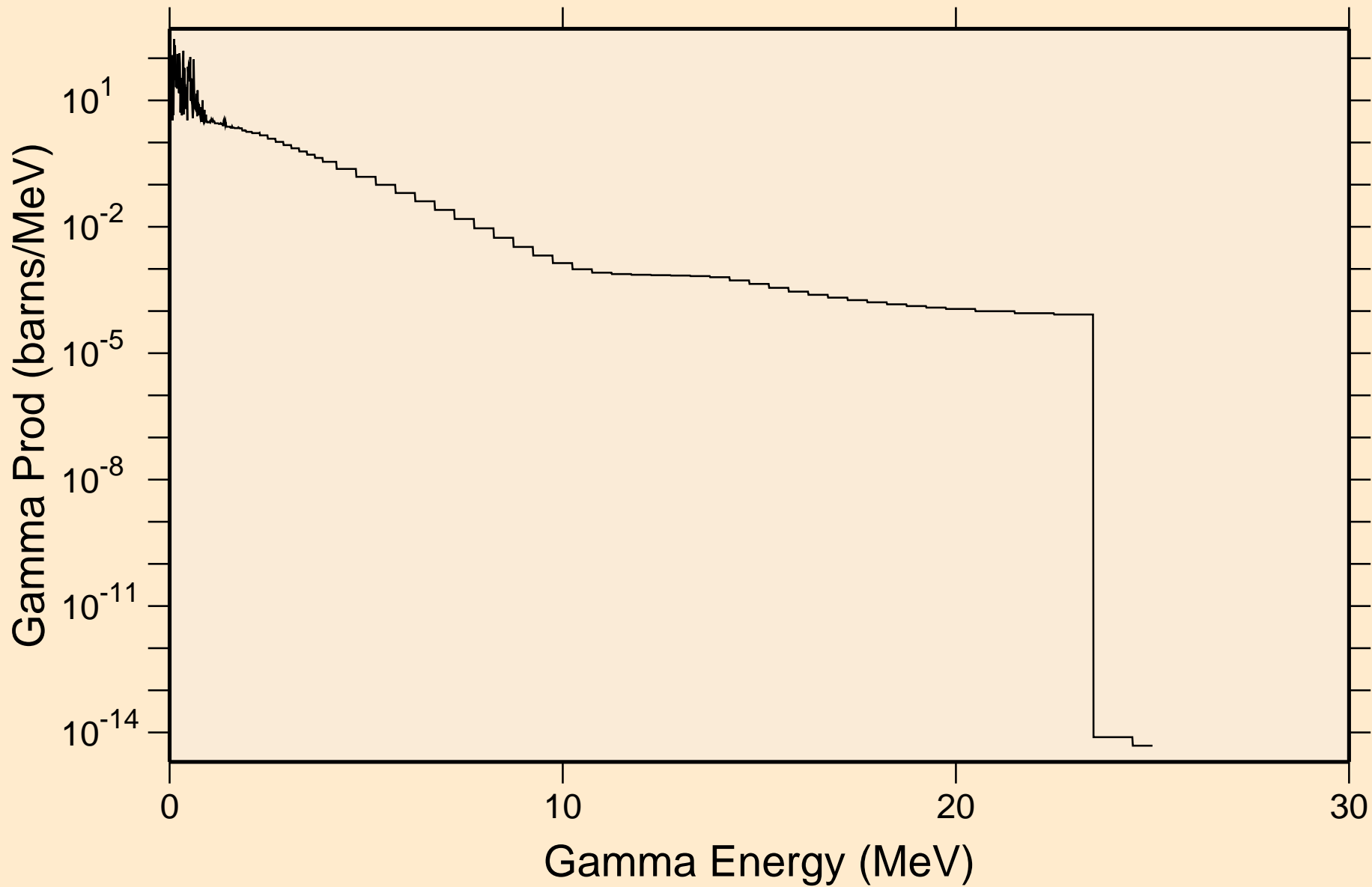
N-GD141M NRG TENDL-2017, AKONING  
Photon emission for (n,da)



N-GD141M NRG TENDL-2017, AKONING  
thermal capture photon spectrum

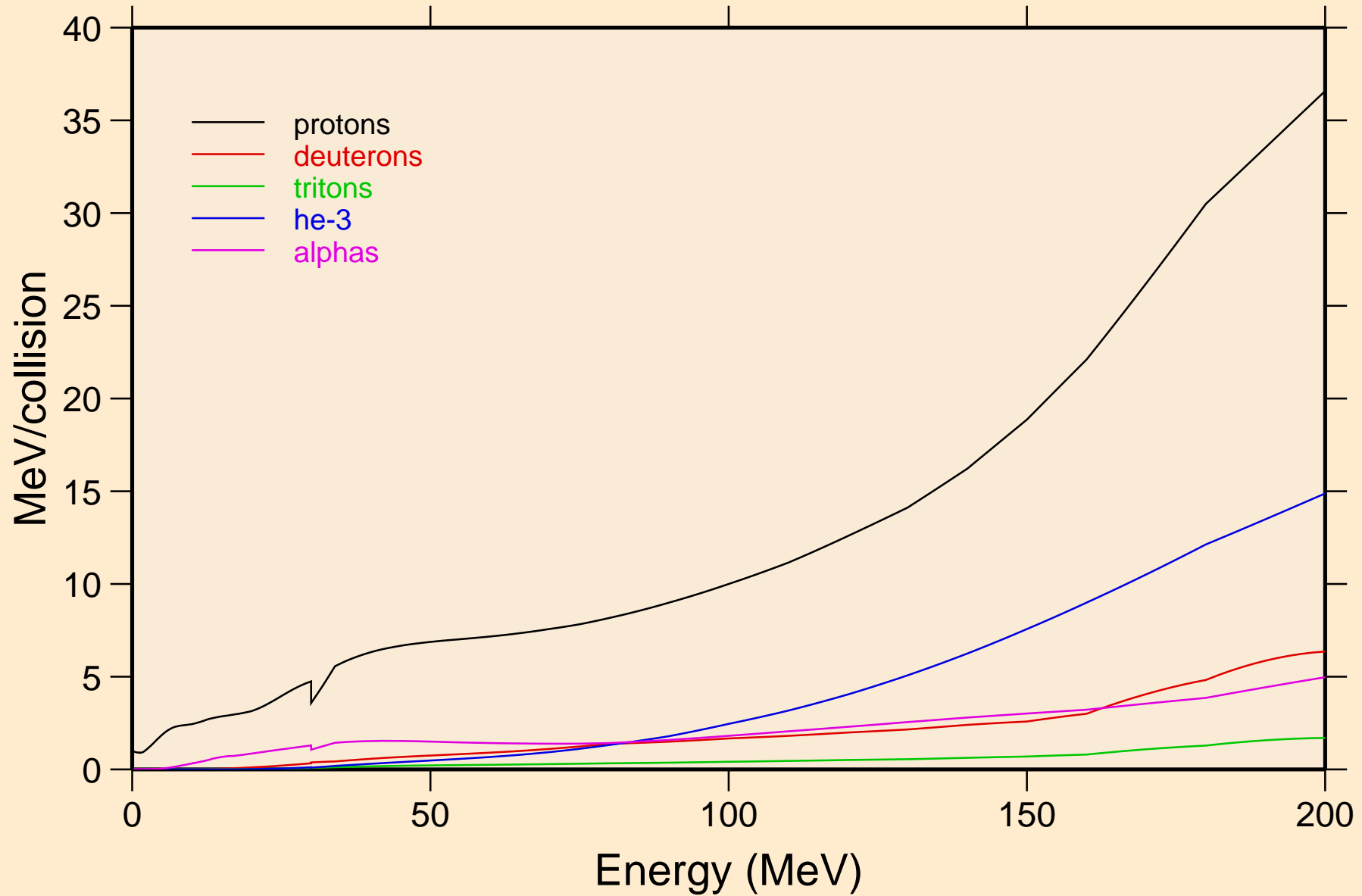


N-GD141M NRG TENDL-2017, AKONING  
14 MeV photon spectrum



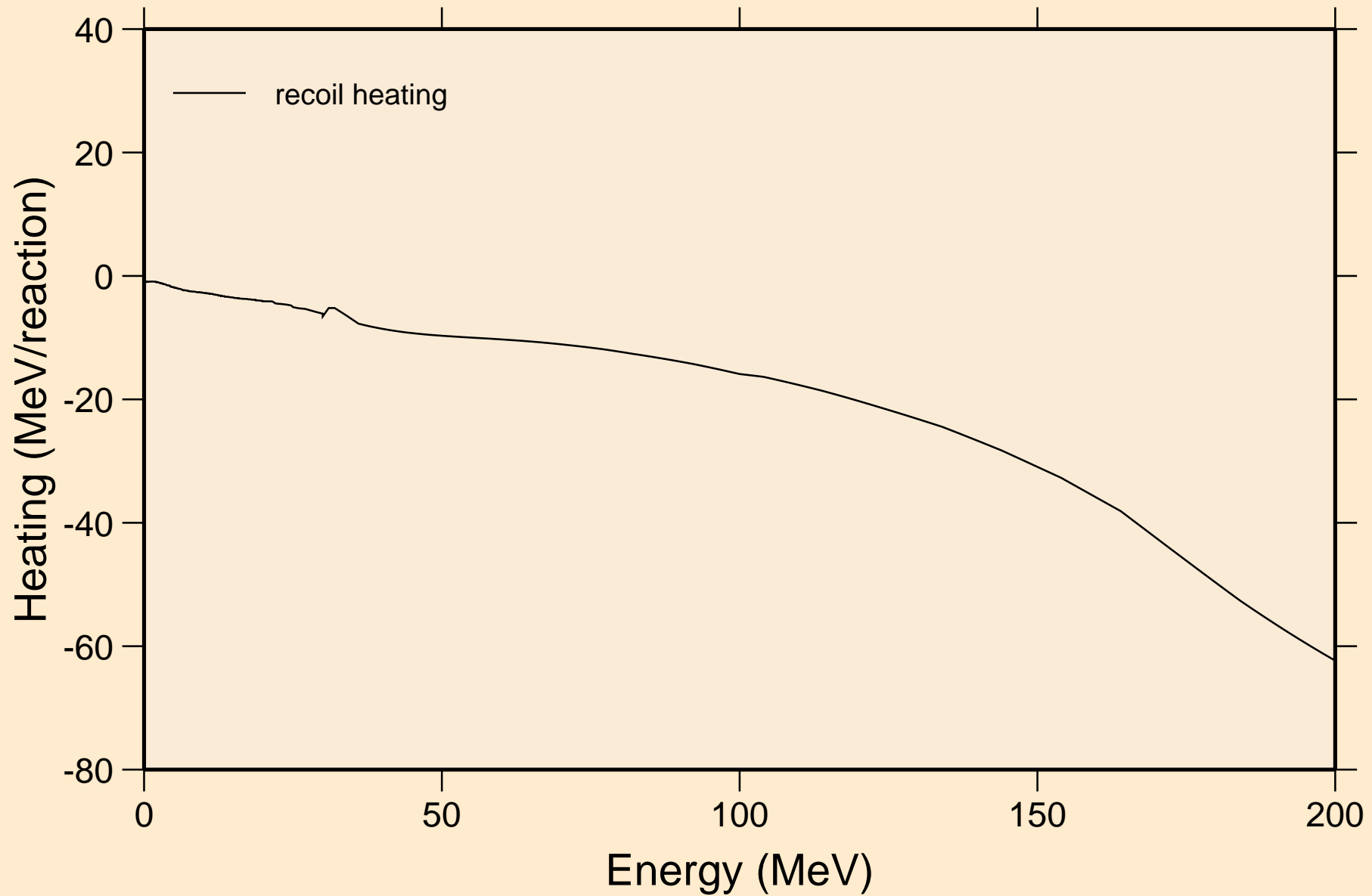
# N-GD141M NRG TENDL-2017, AKONING

## Particle heating contributions



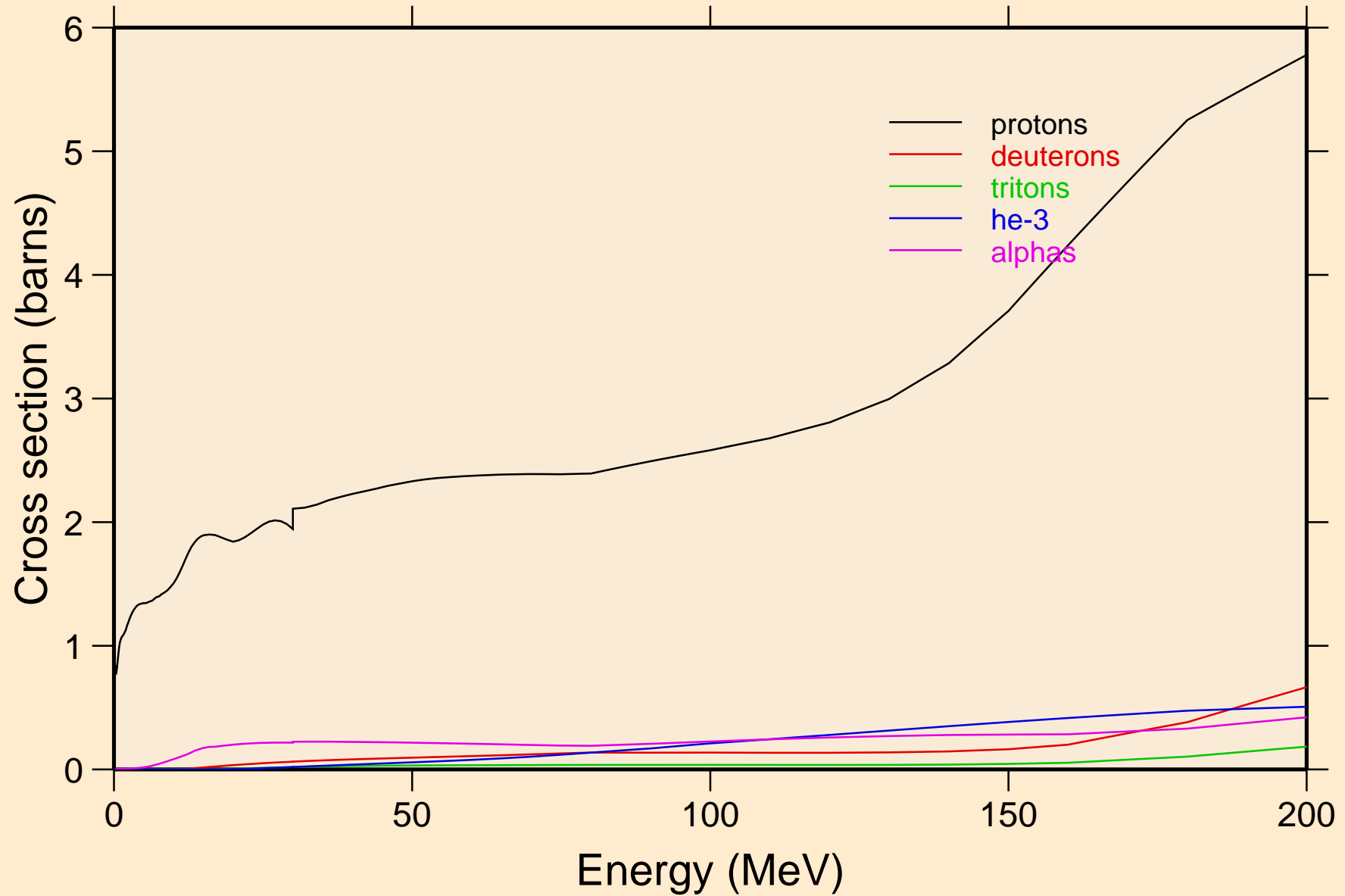
# N-GD141M NRG TENDL-2017, AKONING

## Recoil Heating



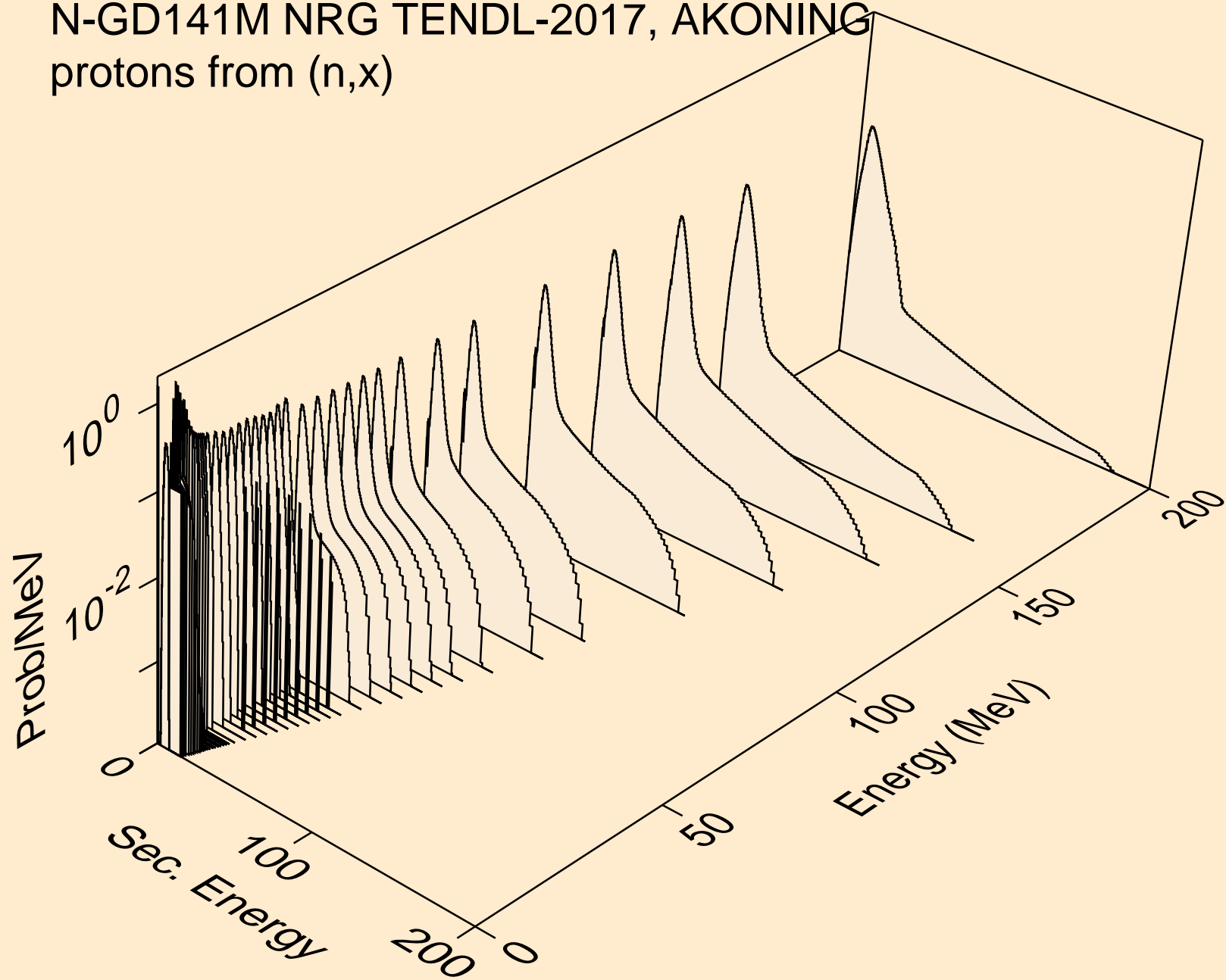
# N-GD141M NRG TENDL-2017, AKONING

## Particle production cross sections

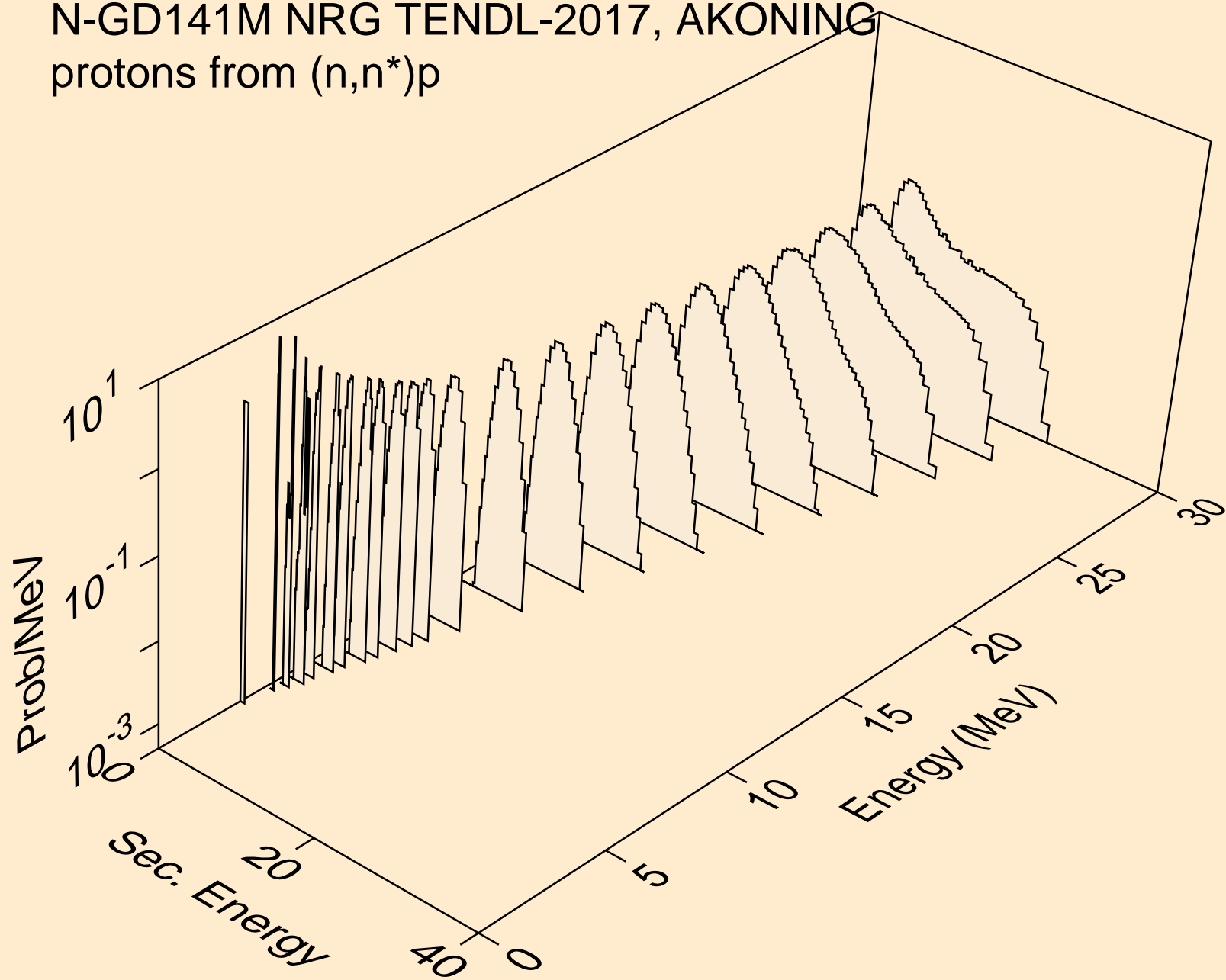




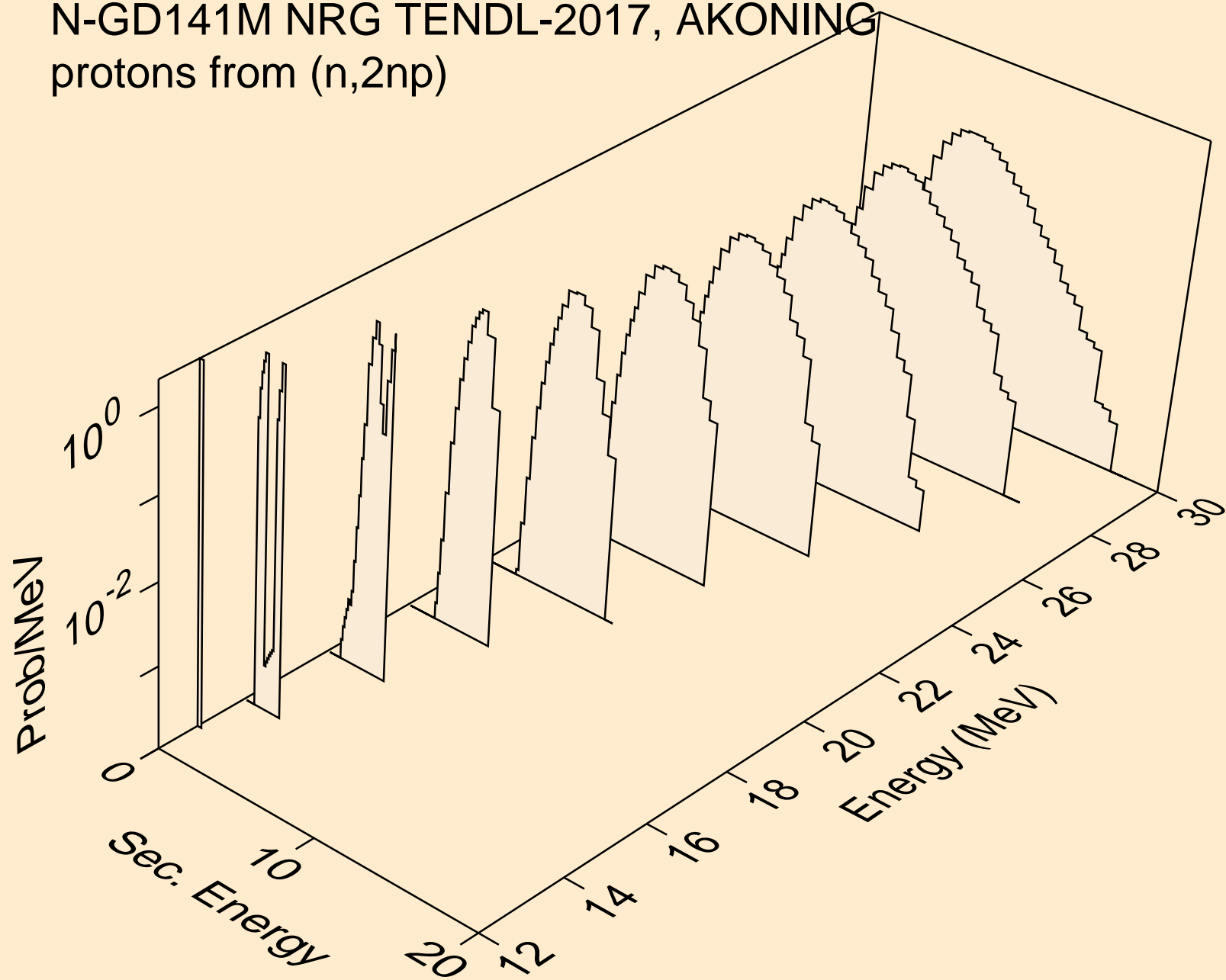
N-GD141M NRG TENDL-2017, AKONING  
protons from (n,x)



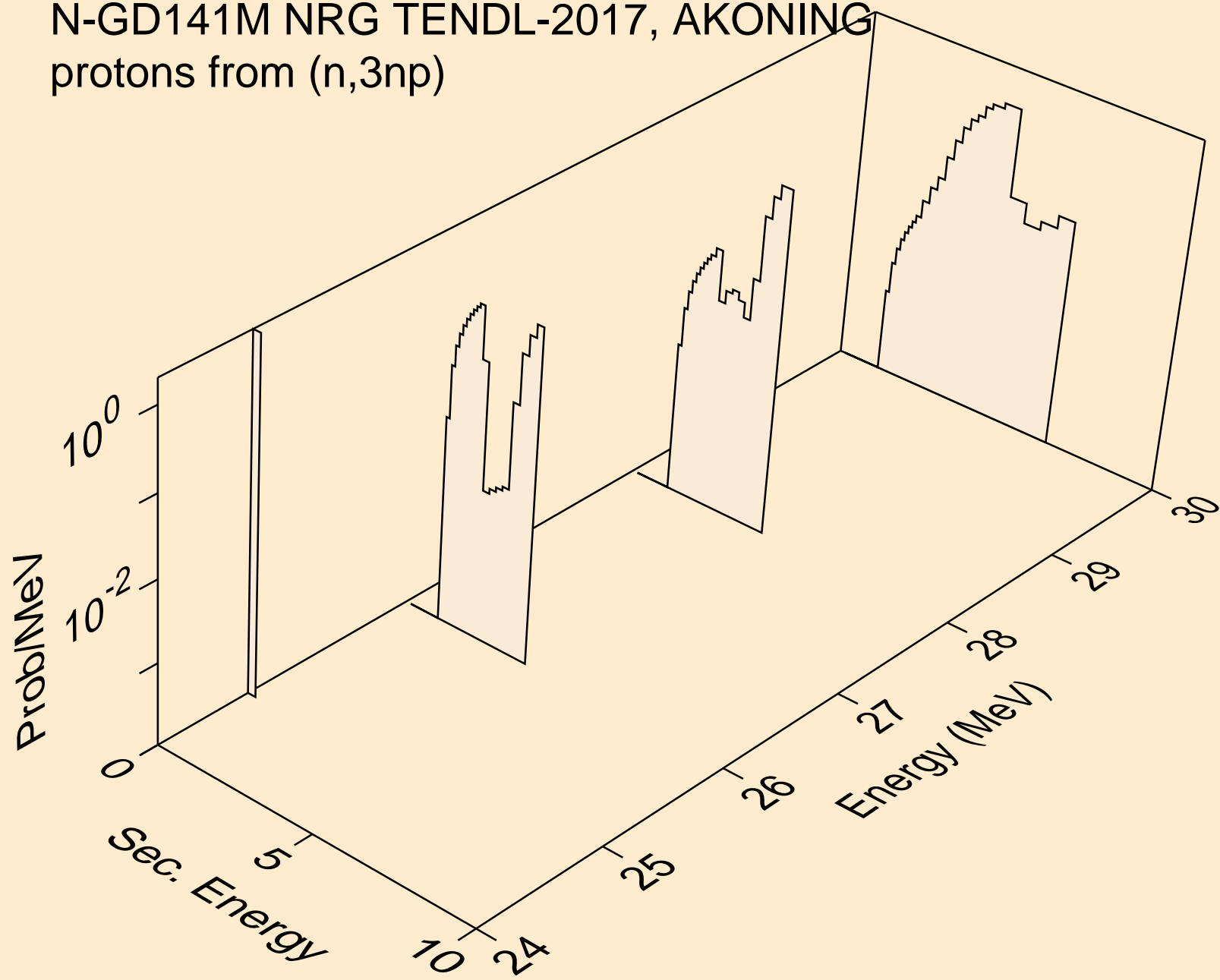
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protons from (n,n\*)p



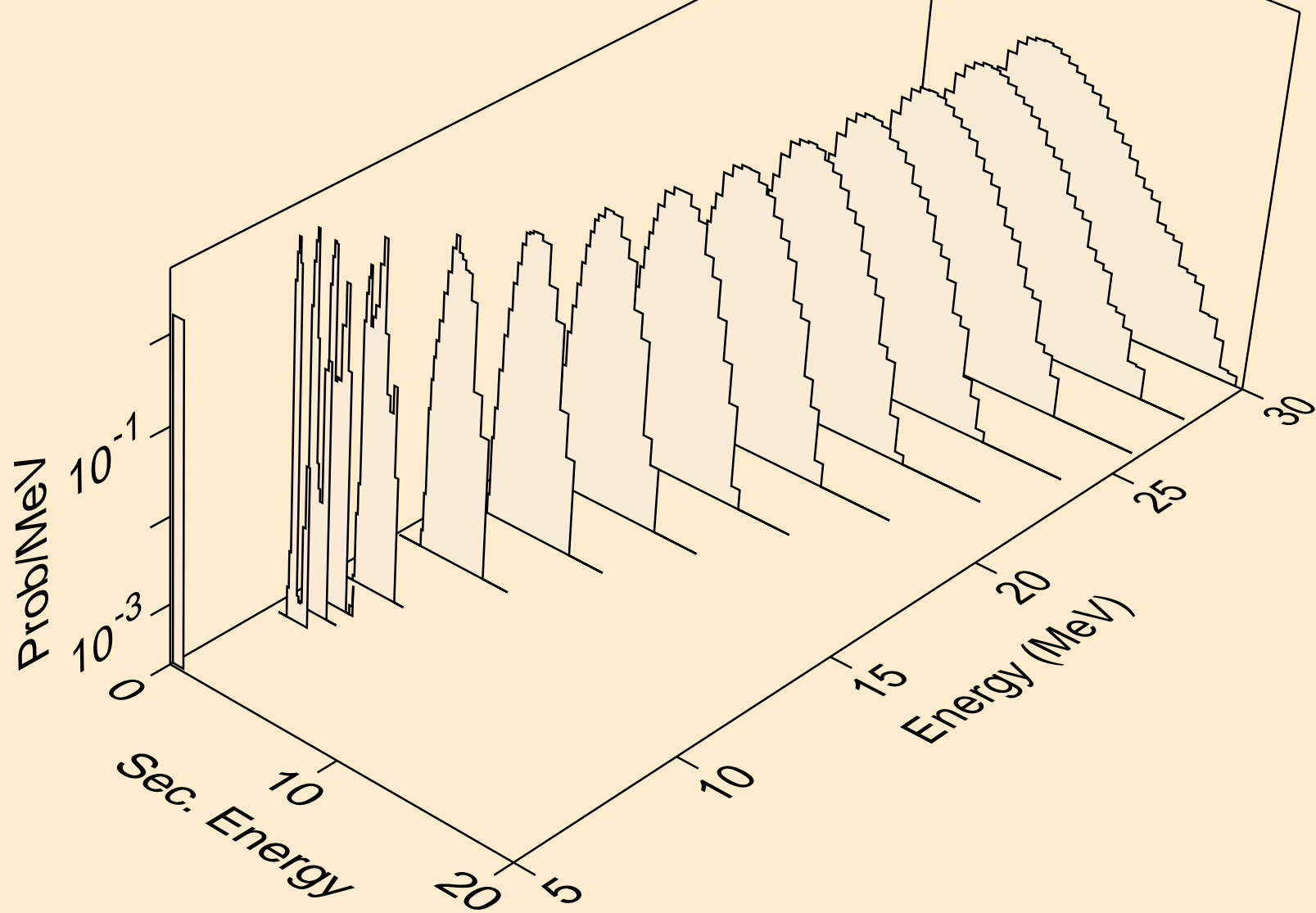
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protons from (n,2np)



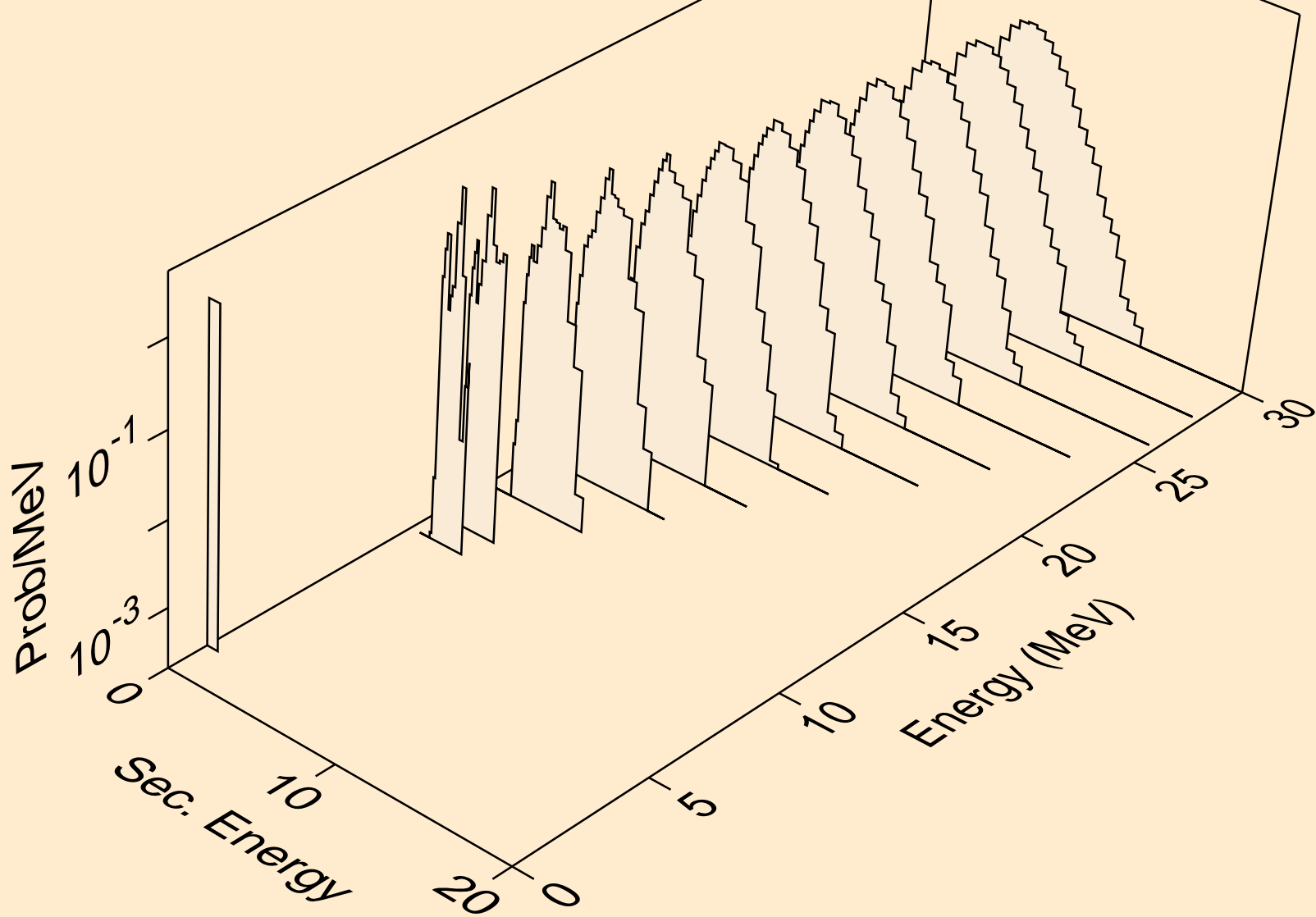
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protons from (n,3np)



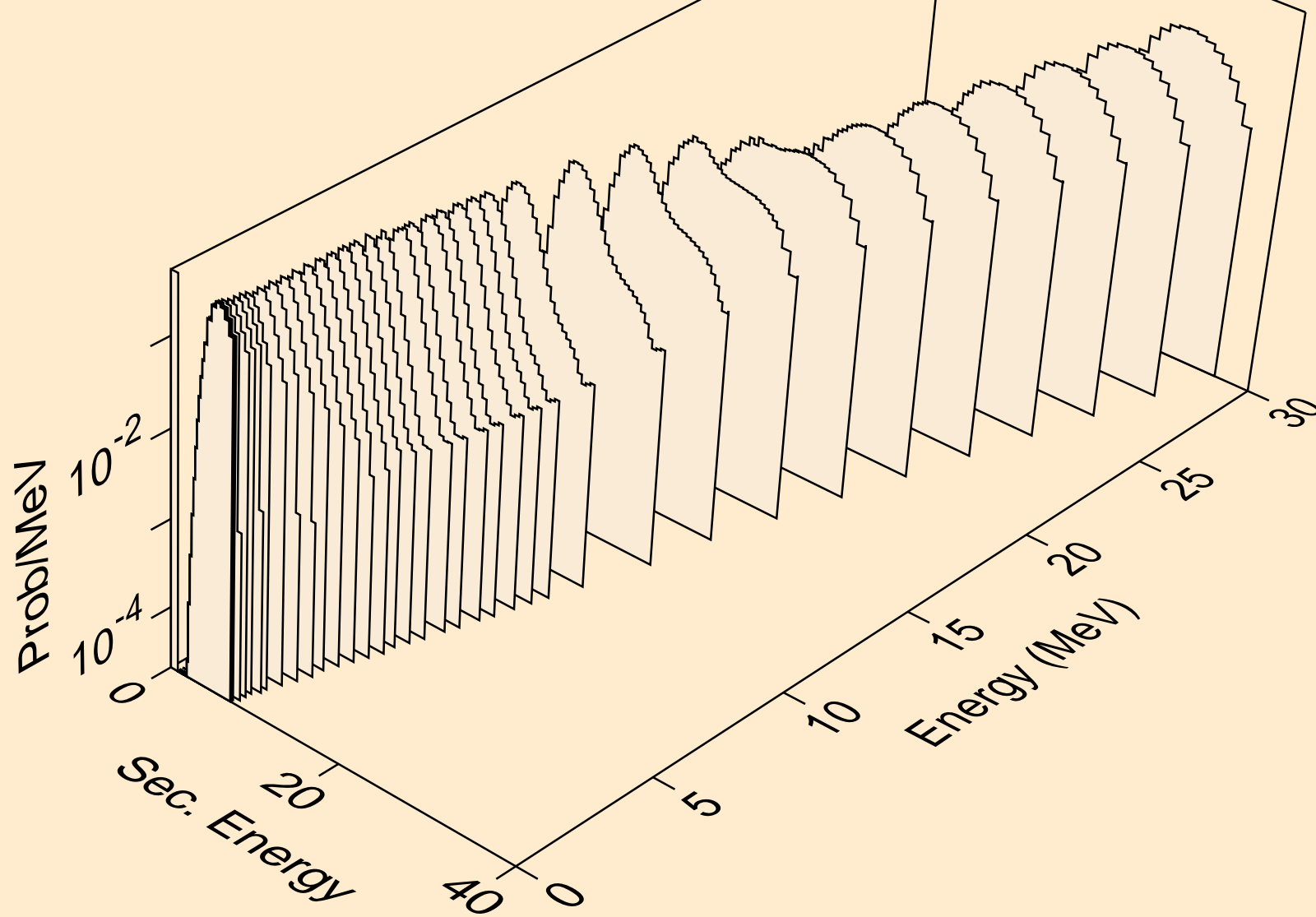
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protons from (n,2np)



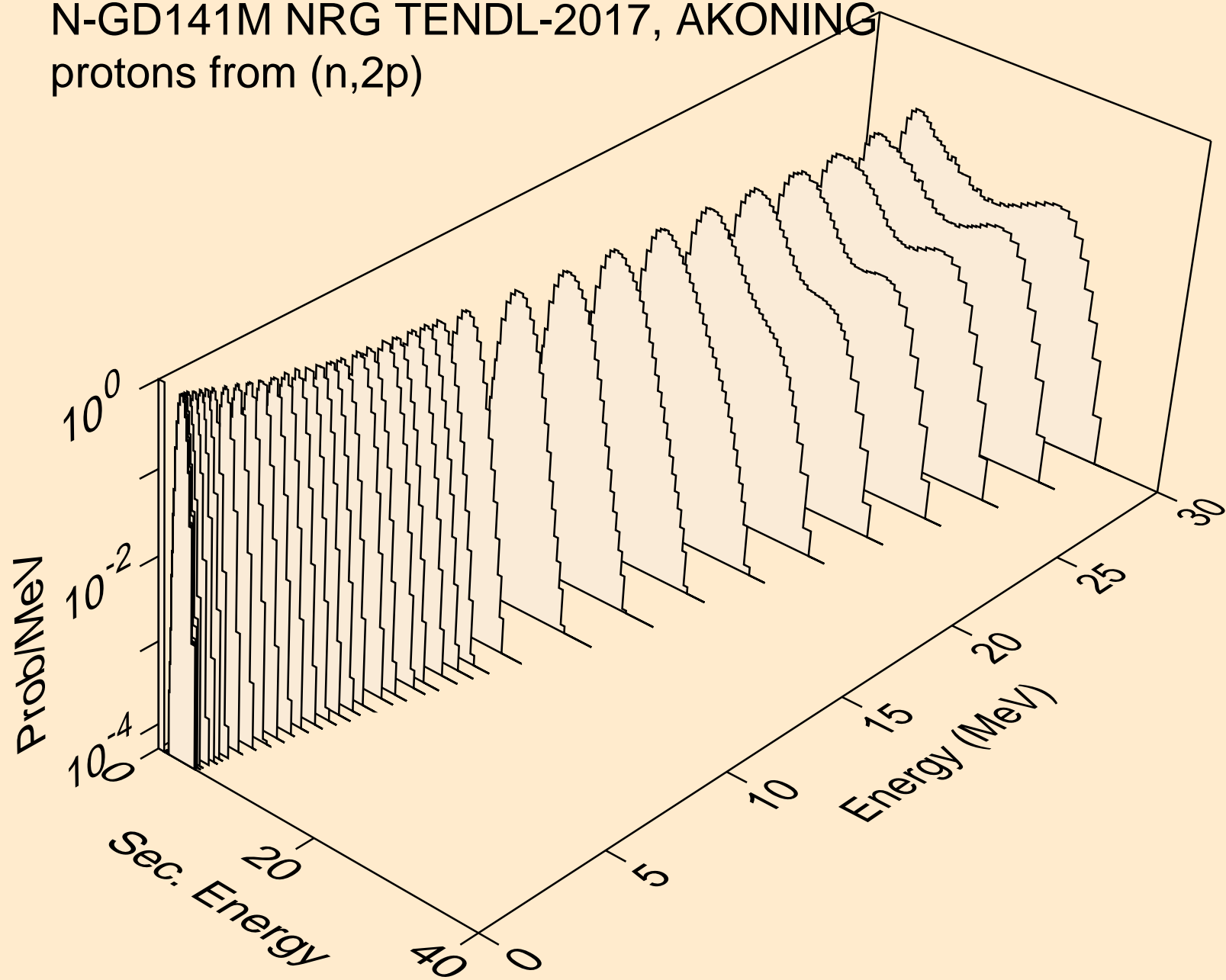
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protons from (n,npa)



N-GD141M NRG TENDL-2017, AKONING  
protons from (n,p)

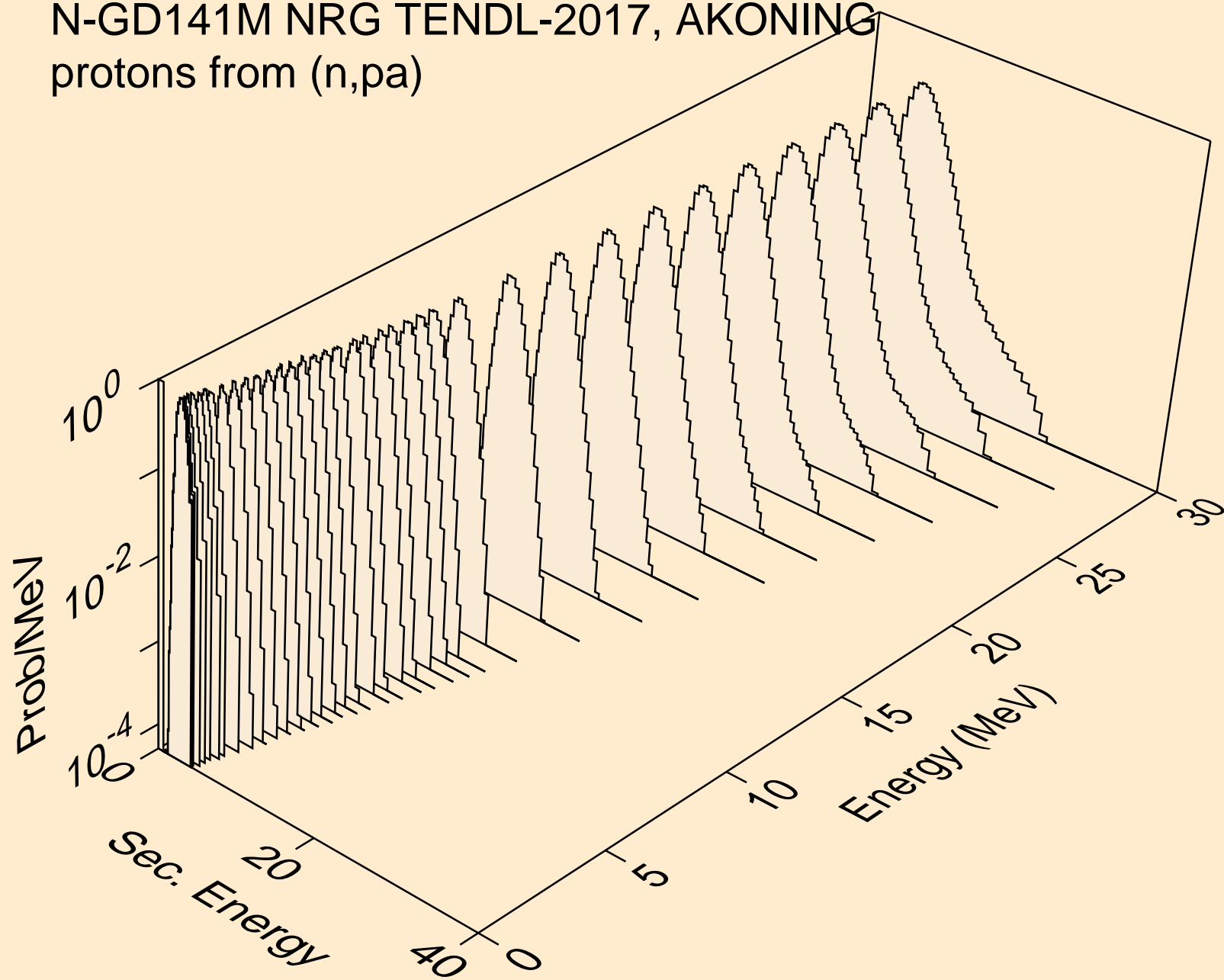


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protons from (n,2p)

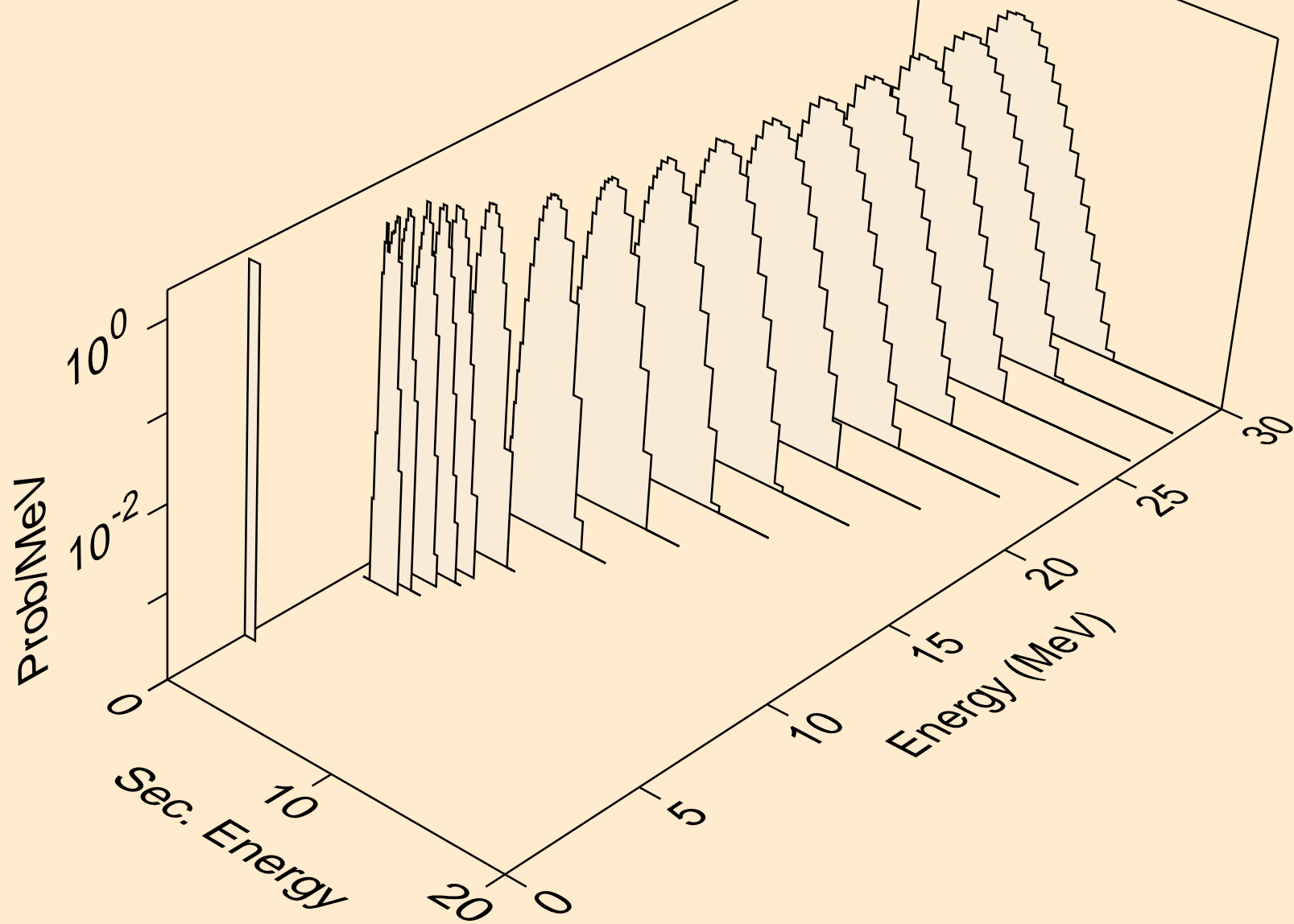




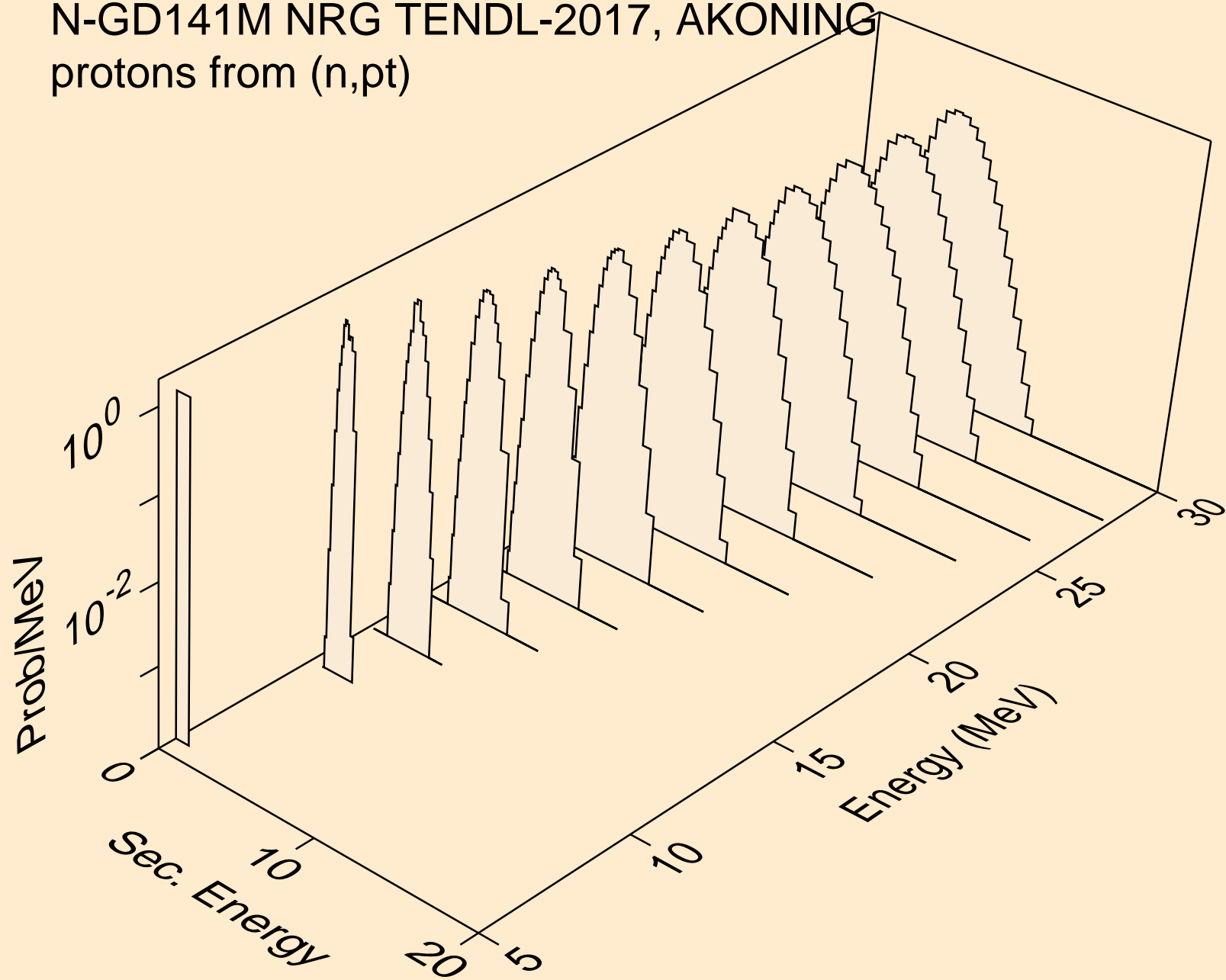
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protons from (n,pa)



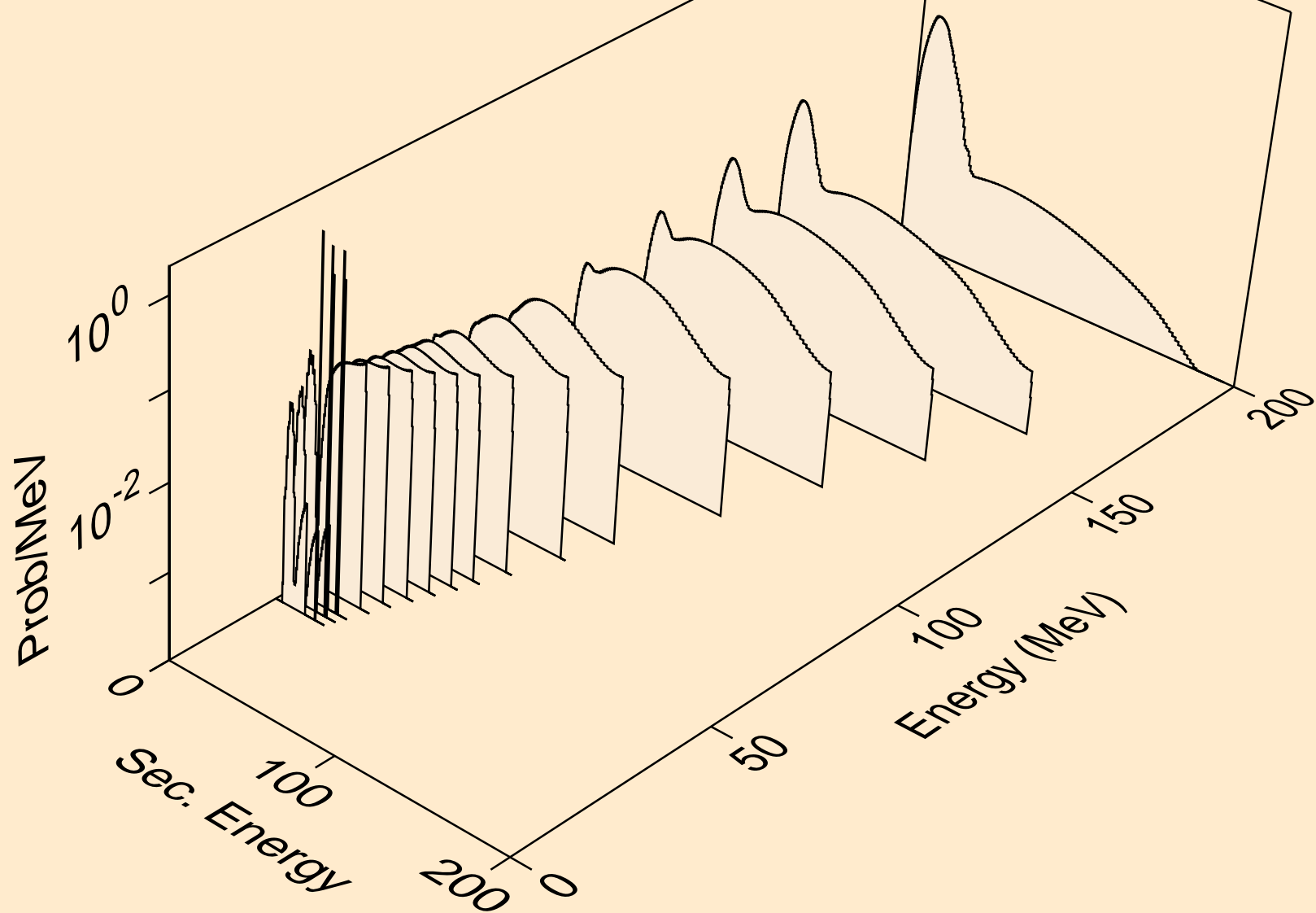
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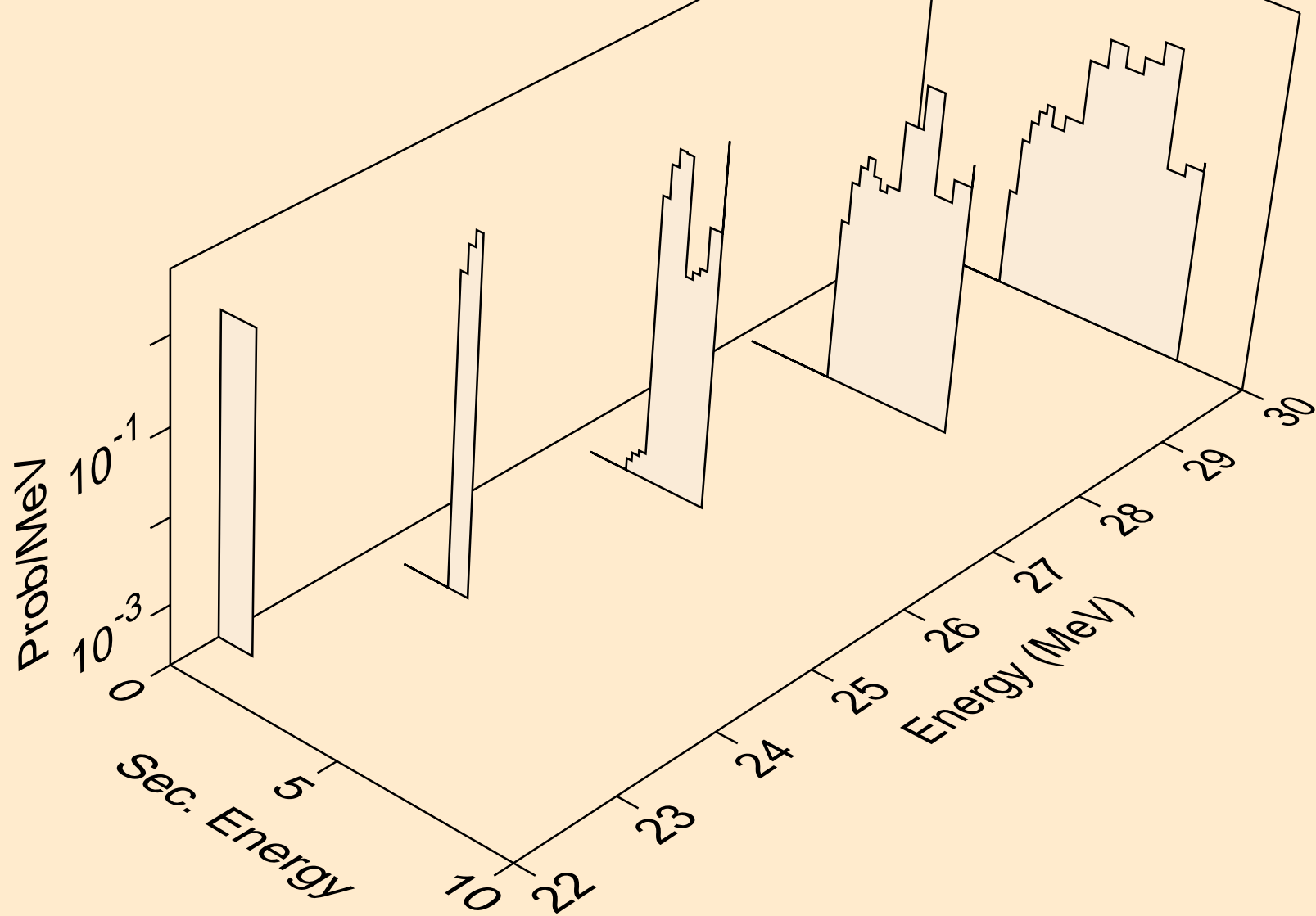
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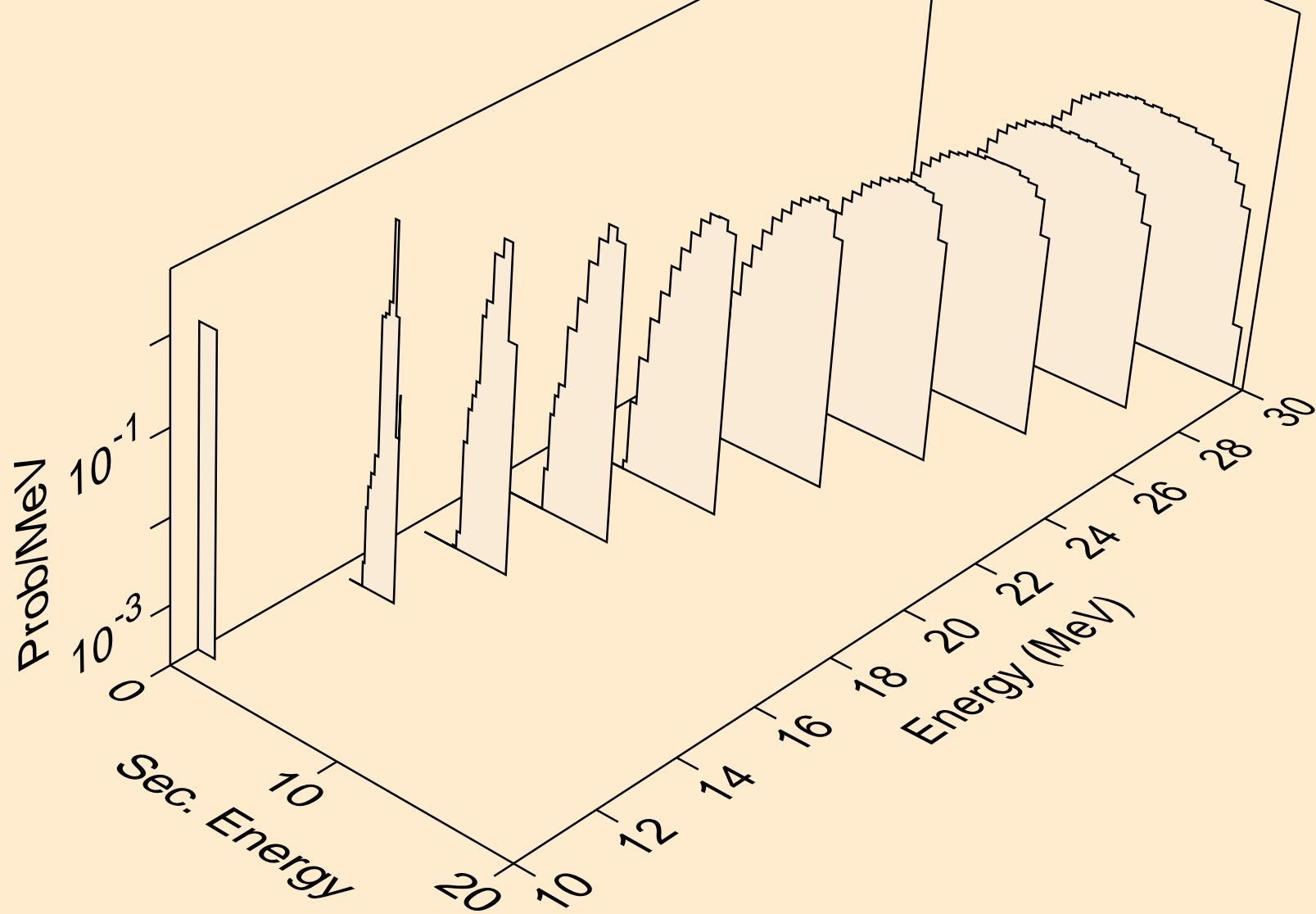
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deuterons from (n,x)



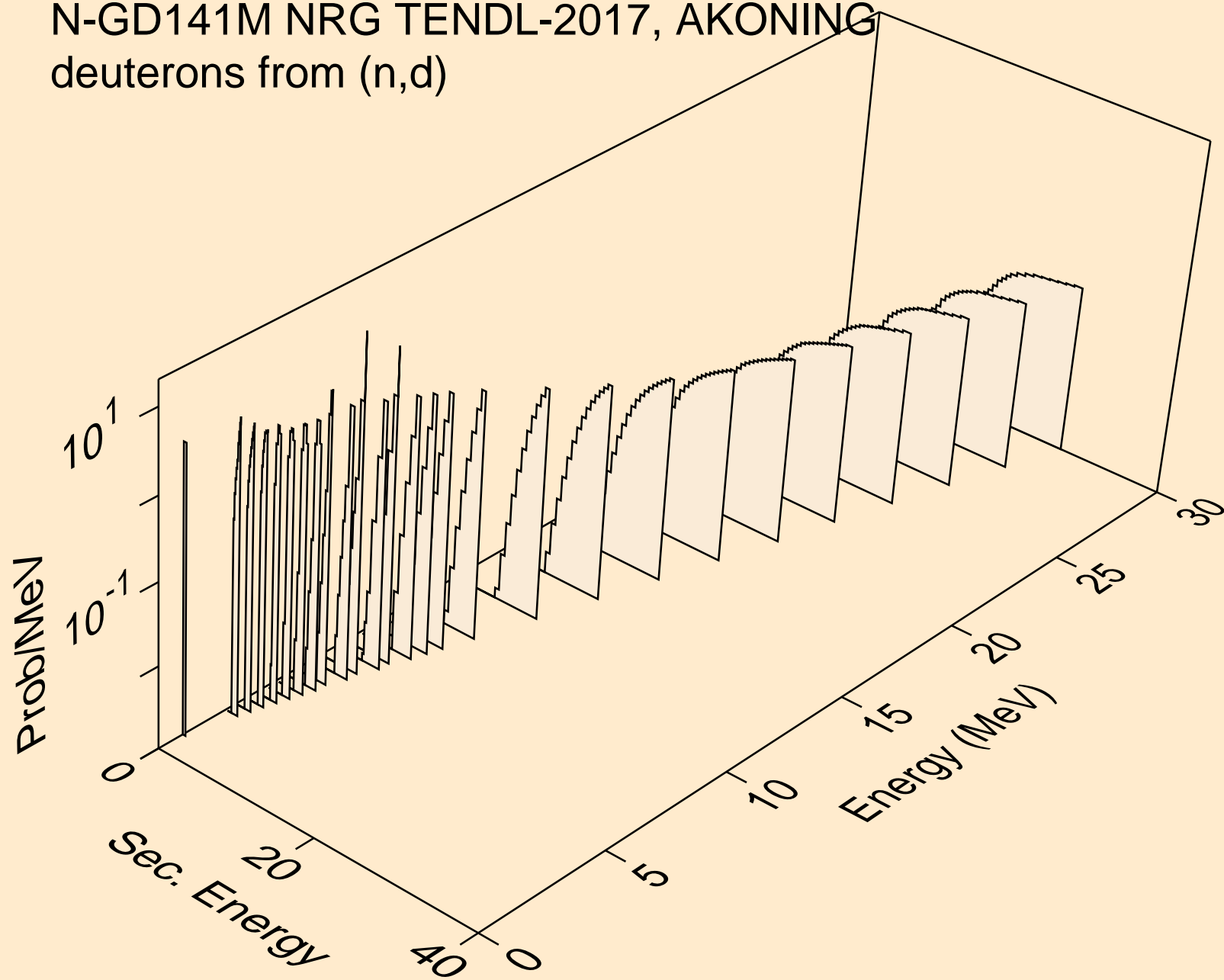
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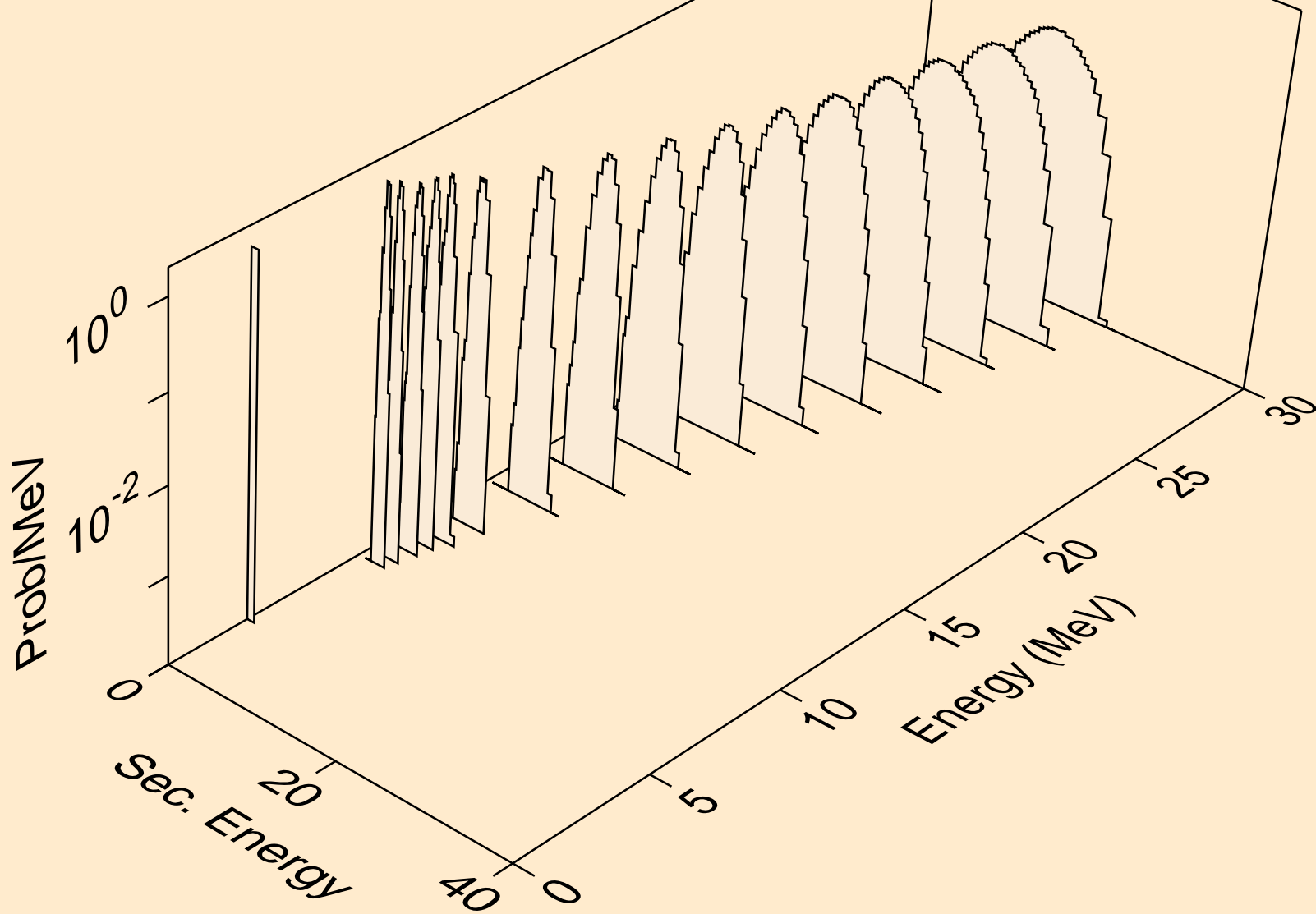
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deuterons from (n,n\*)d



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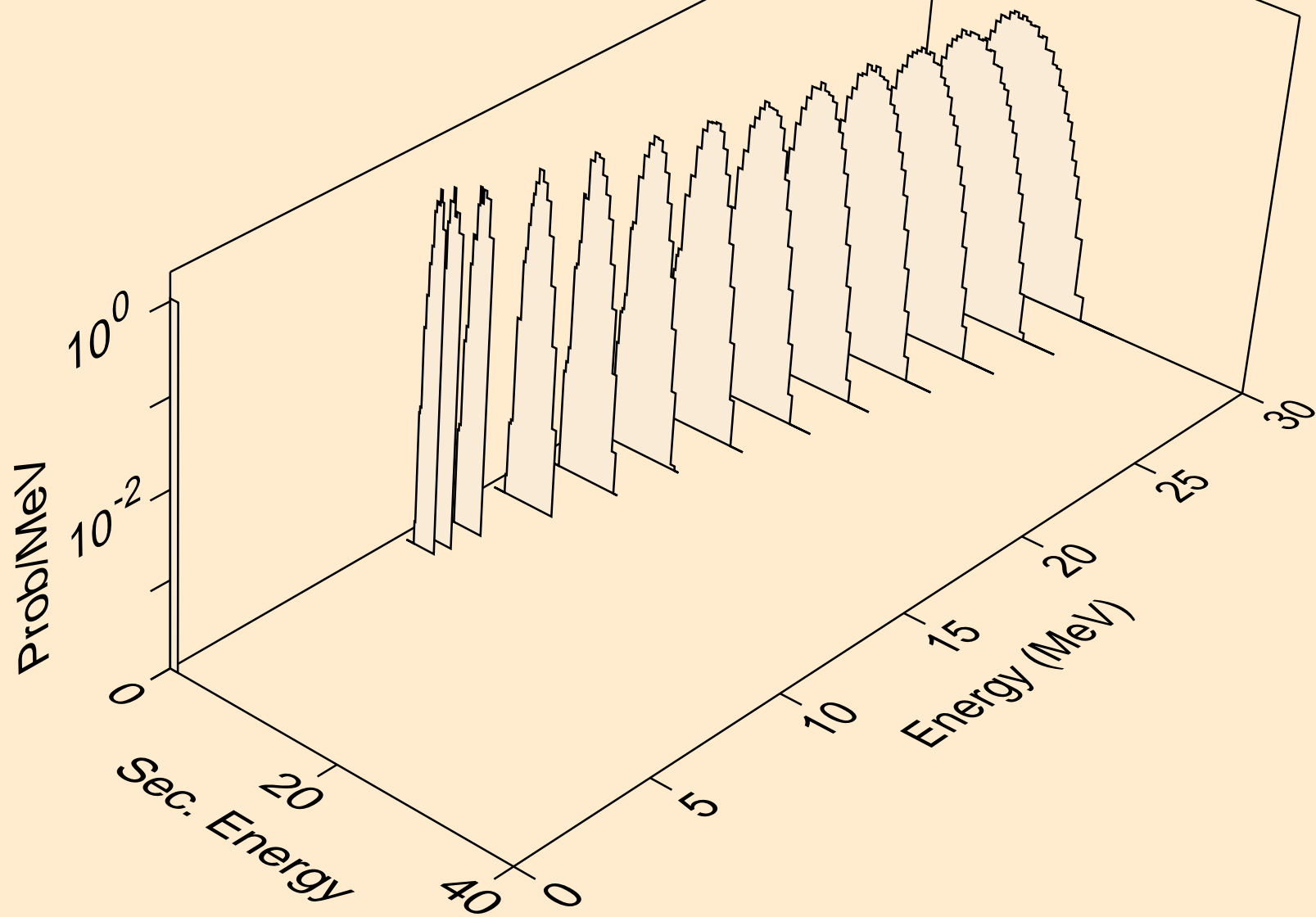


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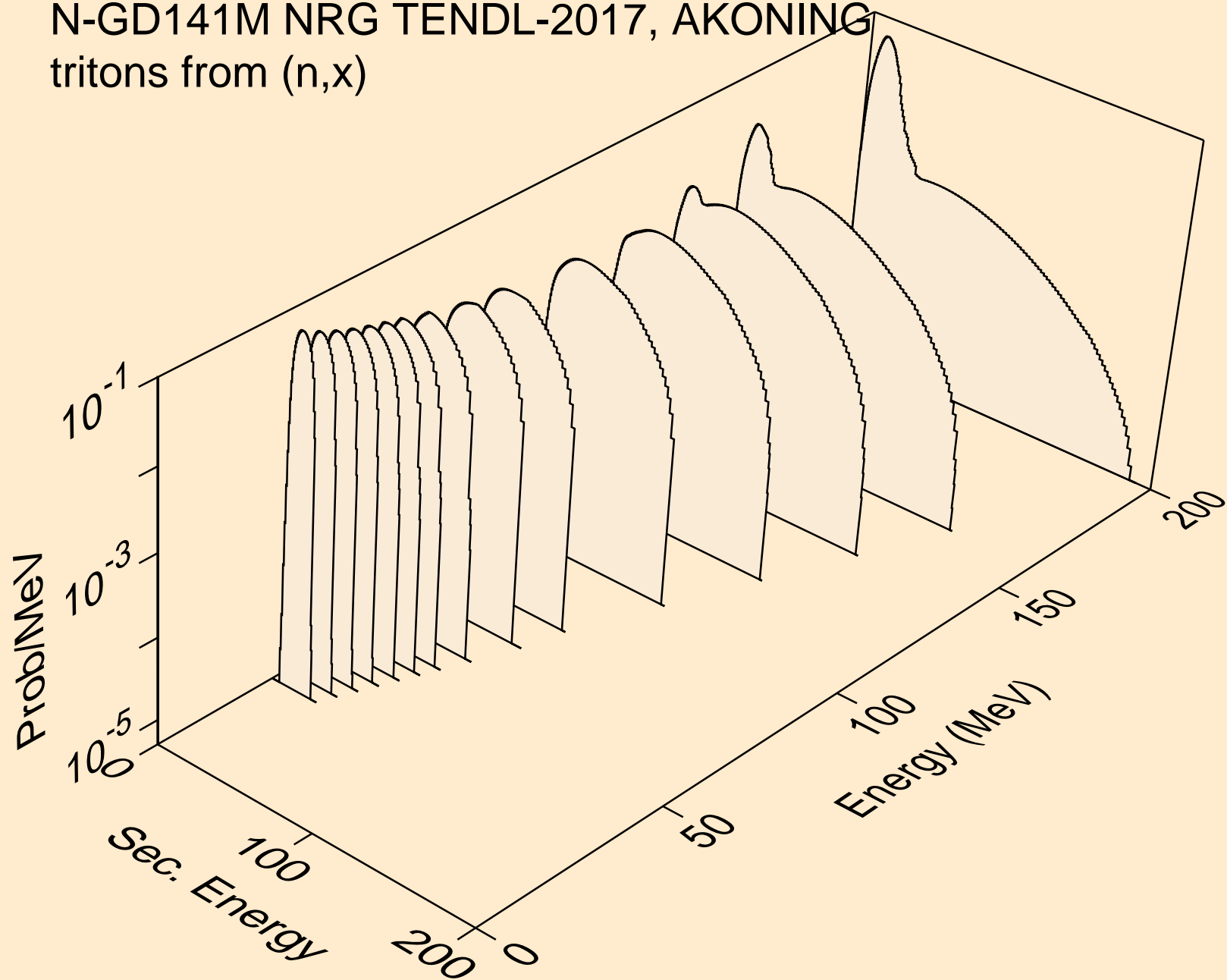




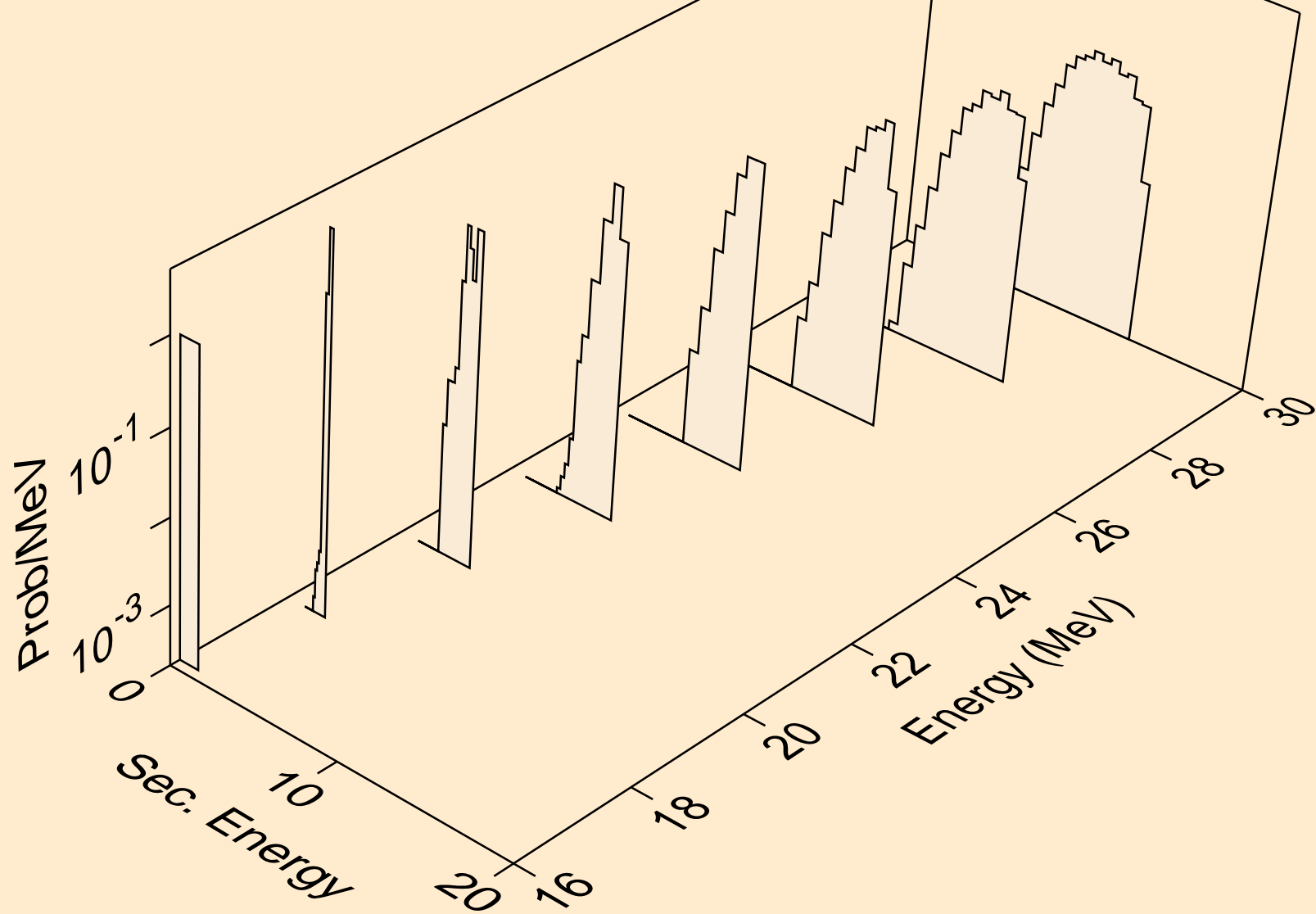
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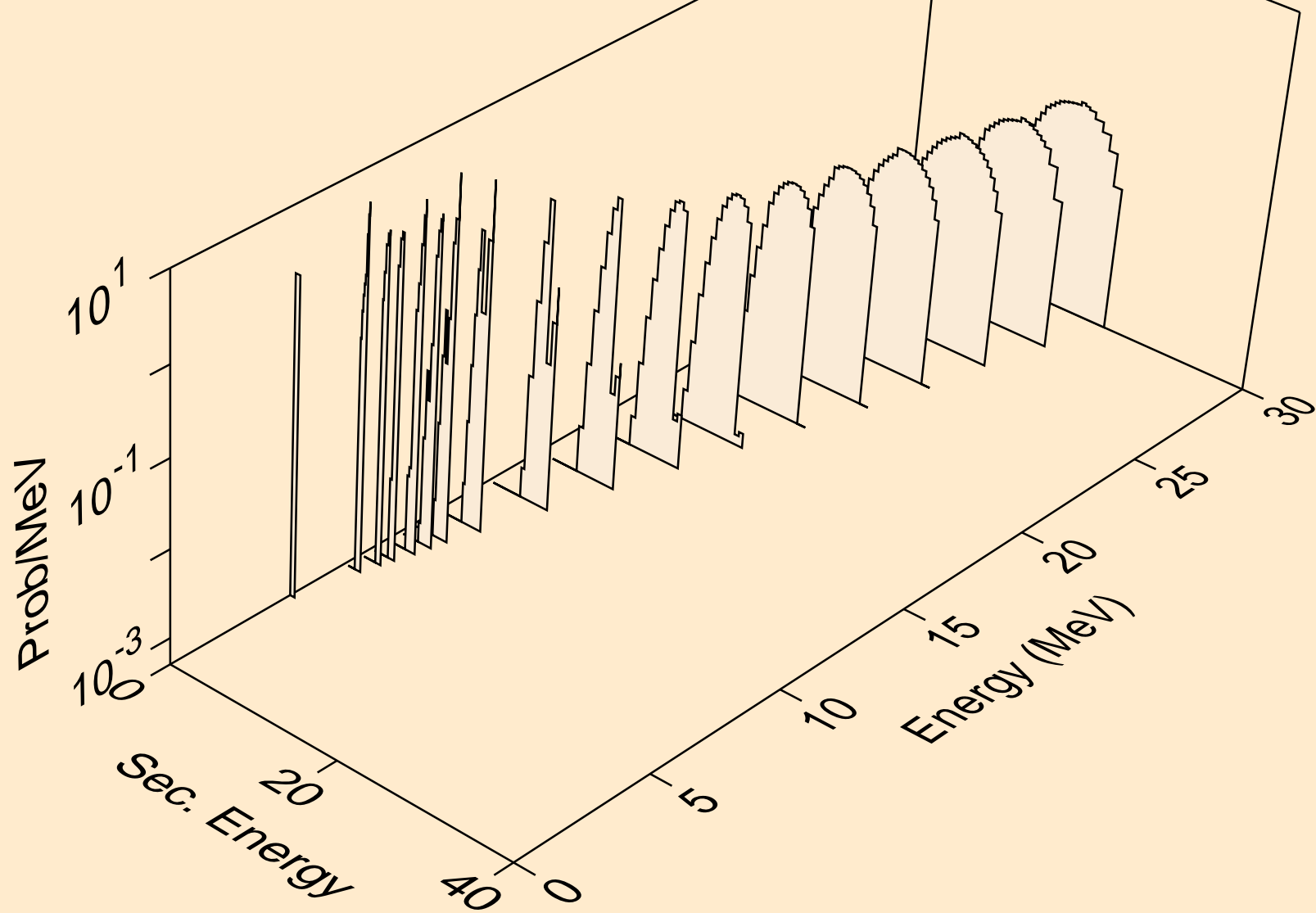
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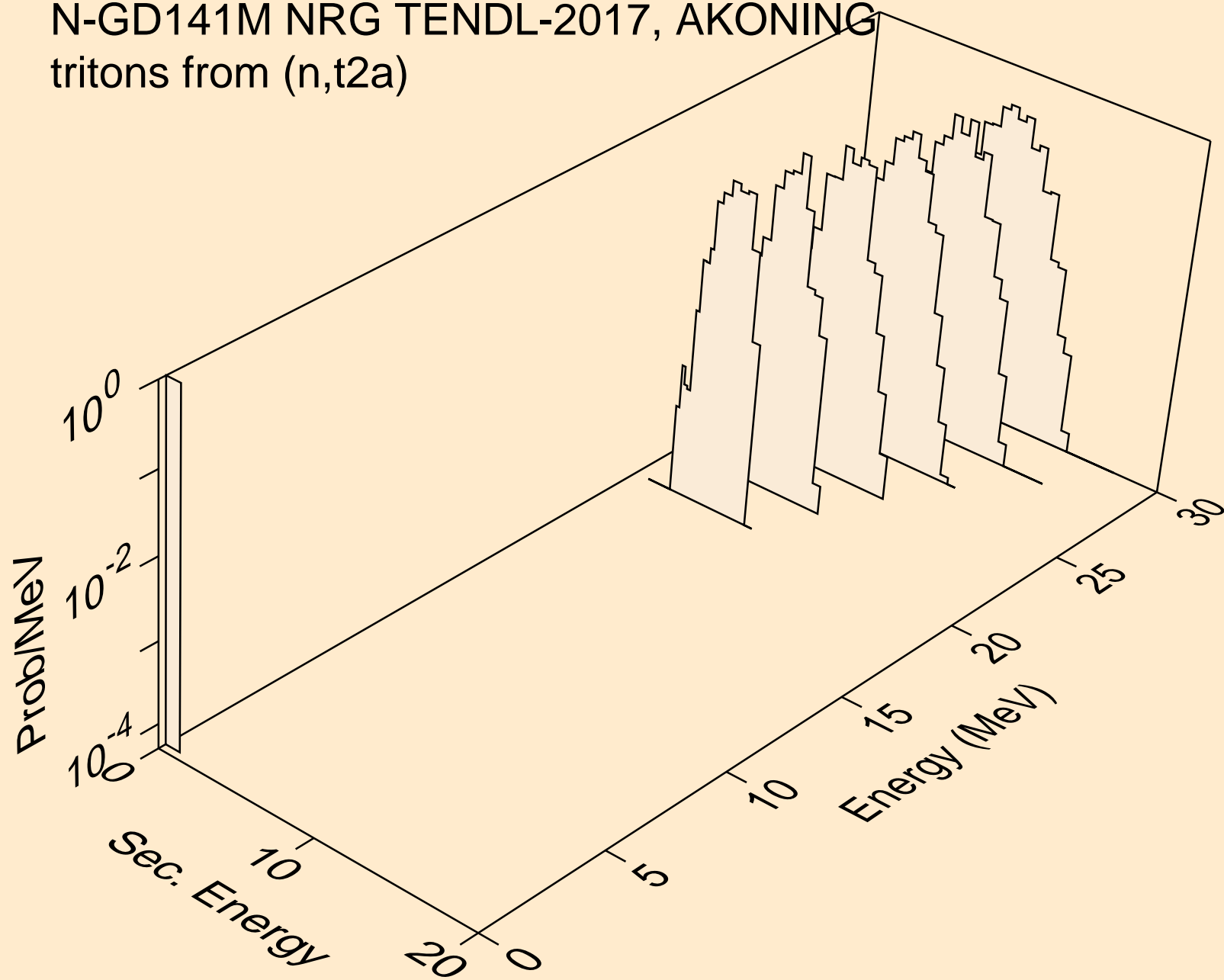
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tritons from (n,n\*)t



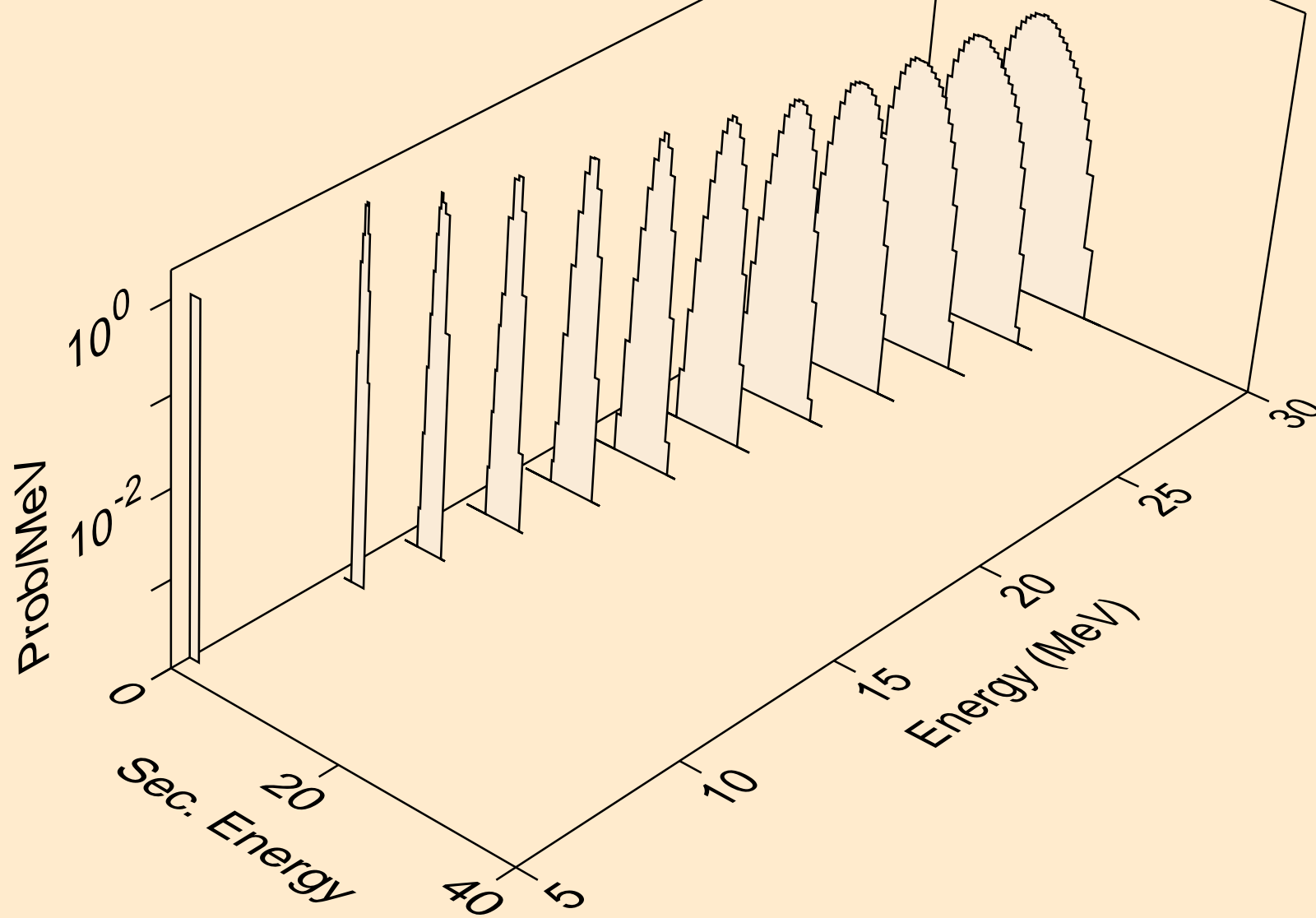
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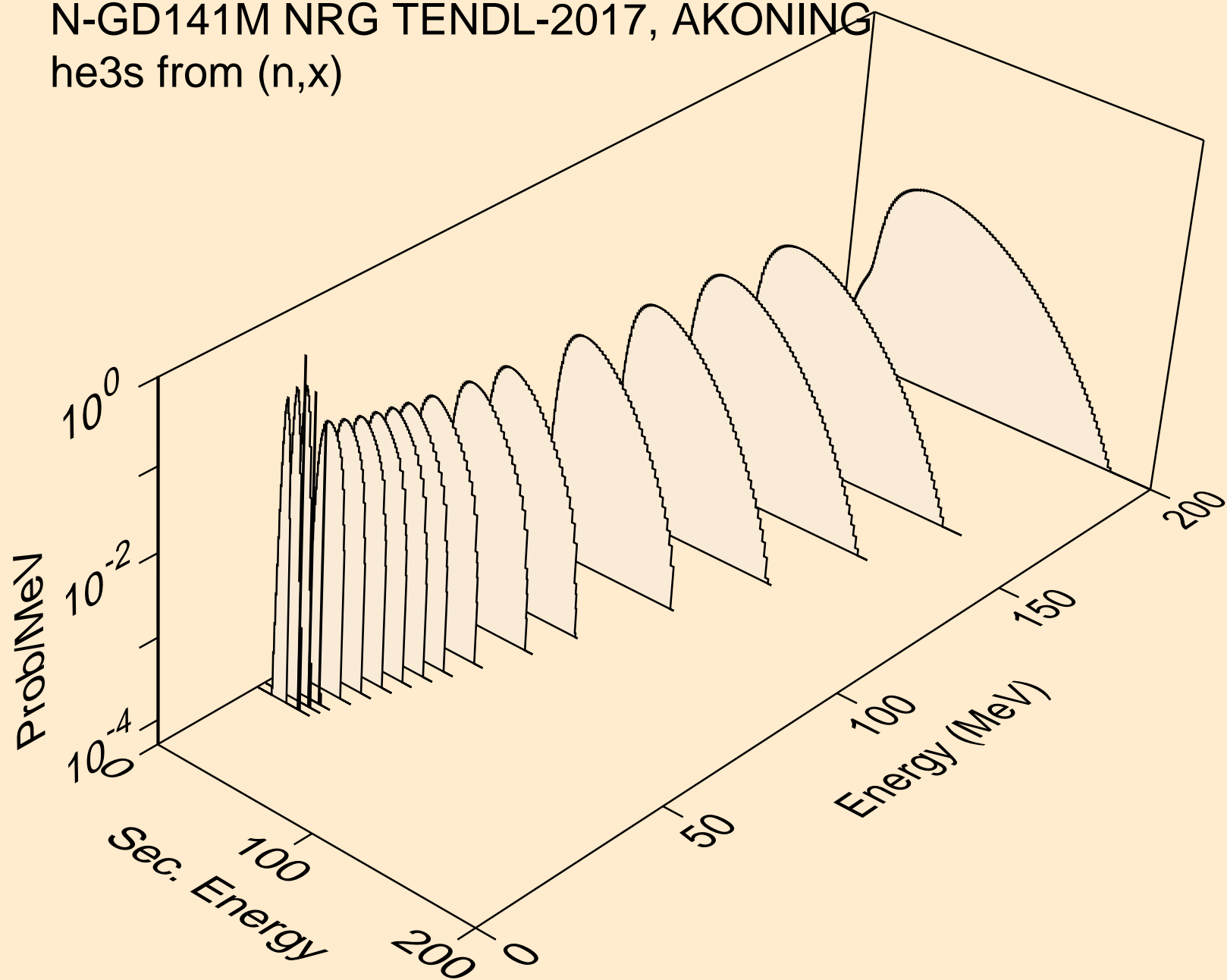
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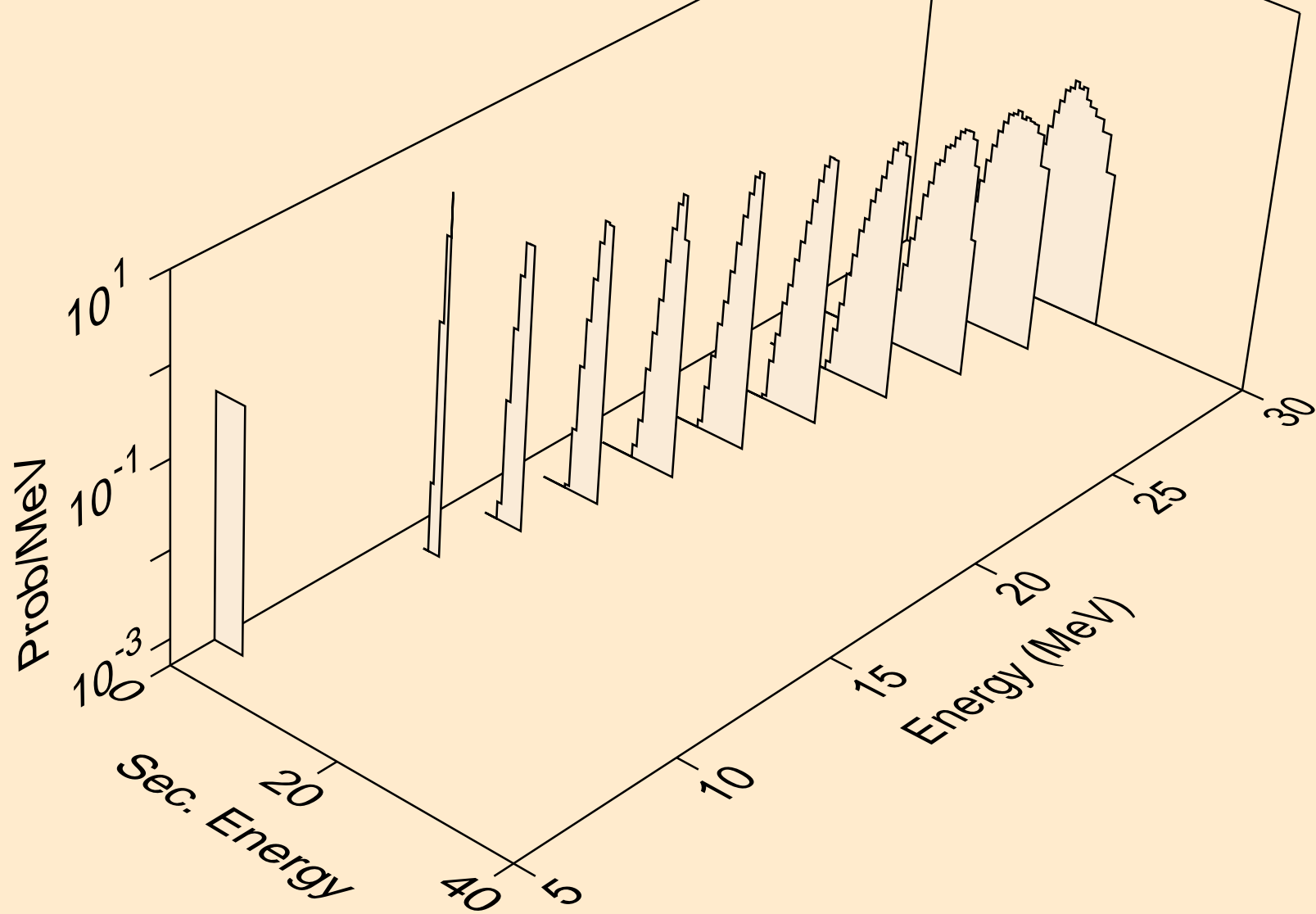
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tritons from (n,pt)



N-GD141M NRG TENDL-2017, AKONING  
he3s from (n,x)

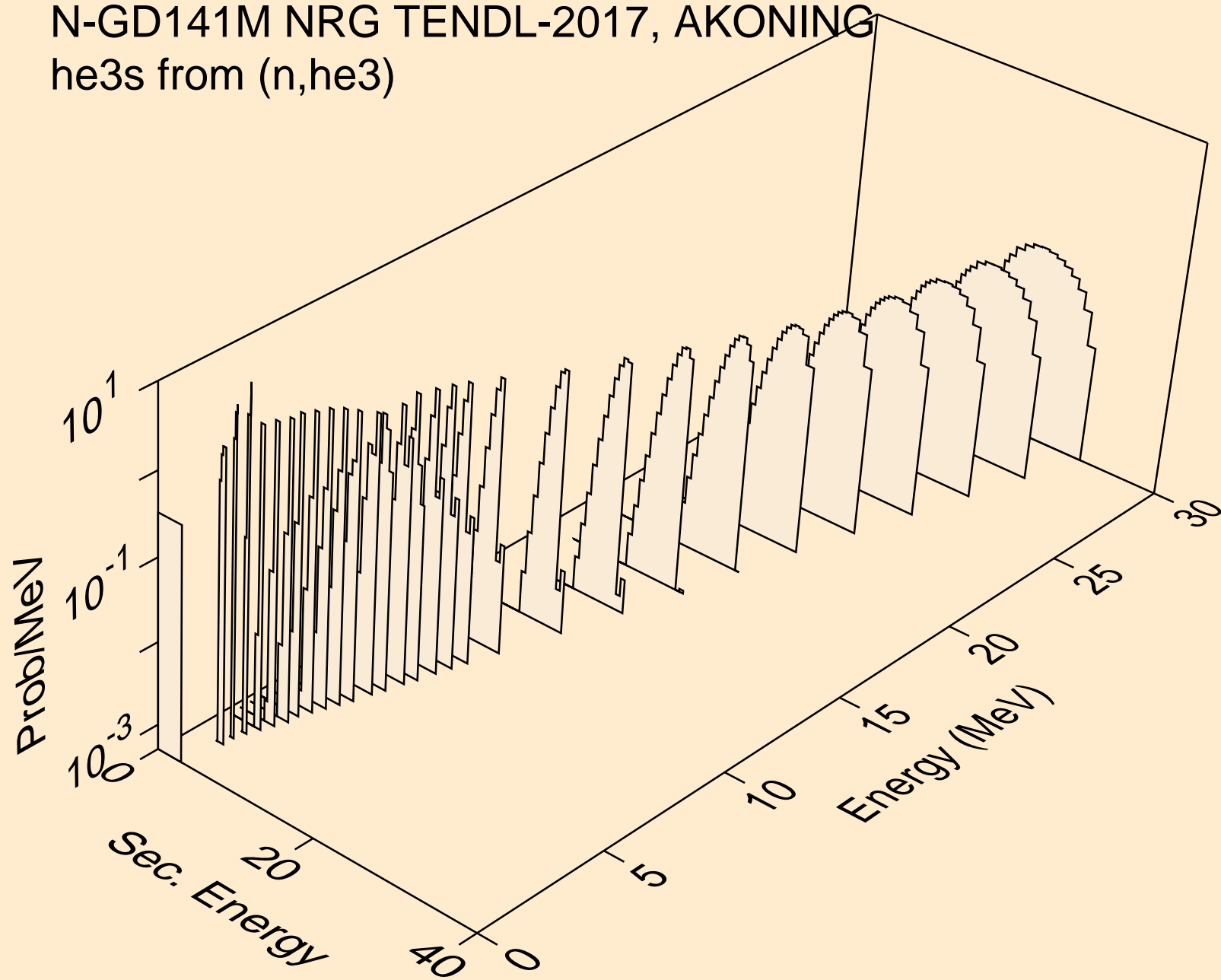


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he3s from (n,n\*)he3

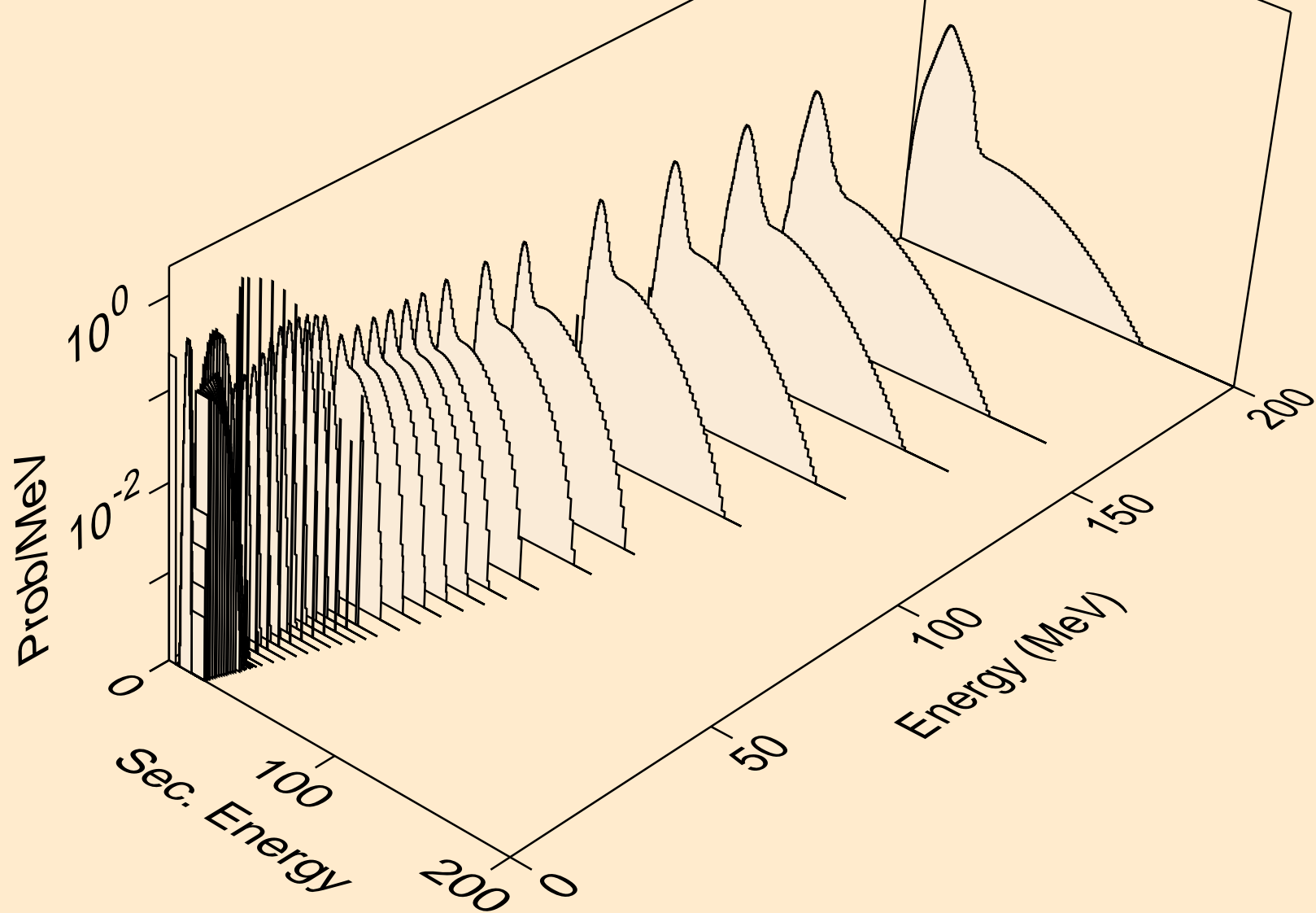




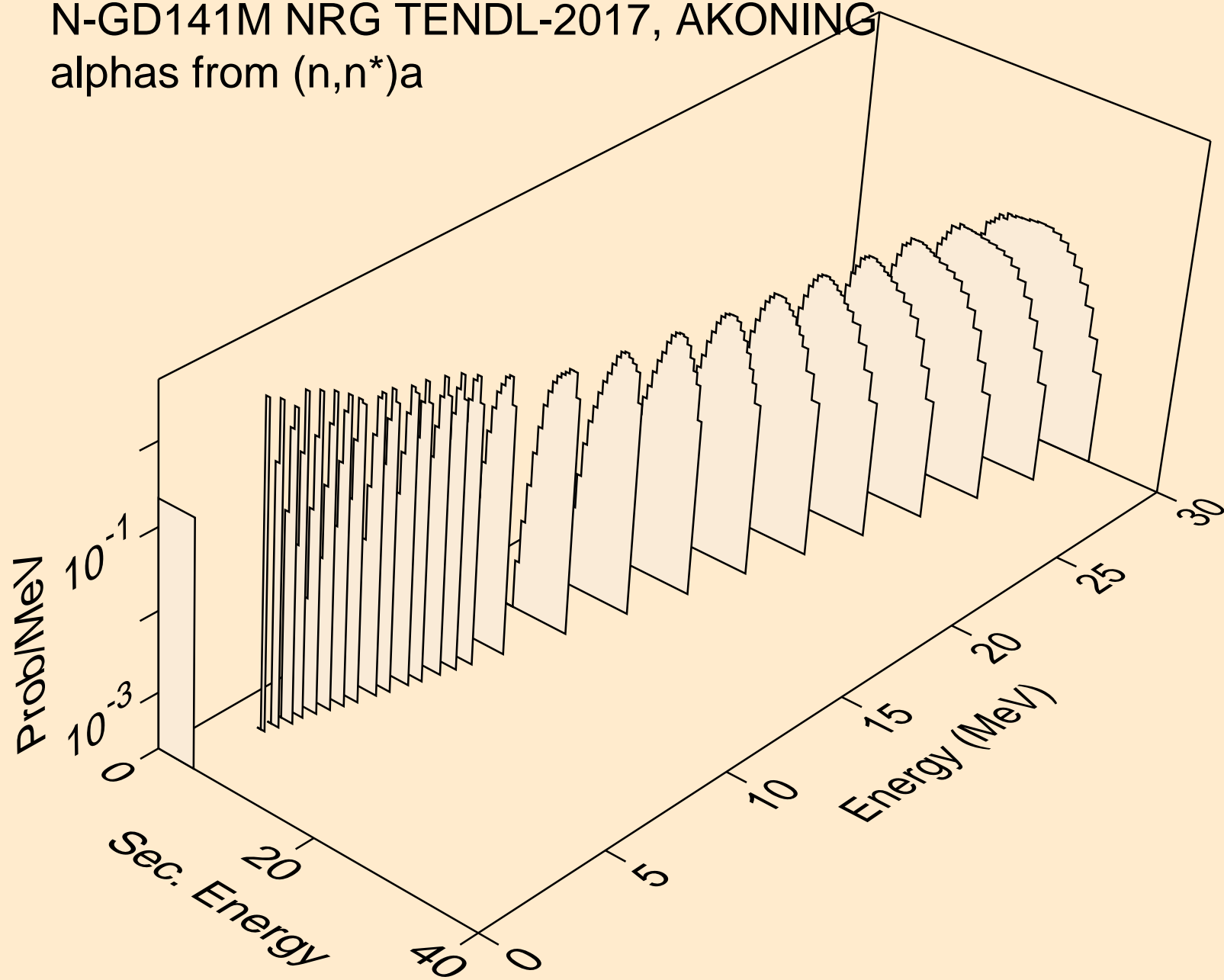
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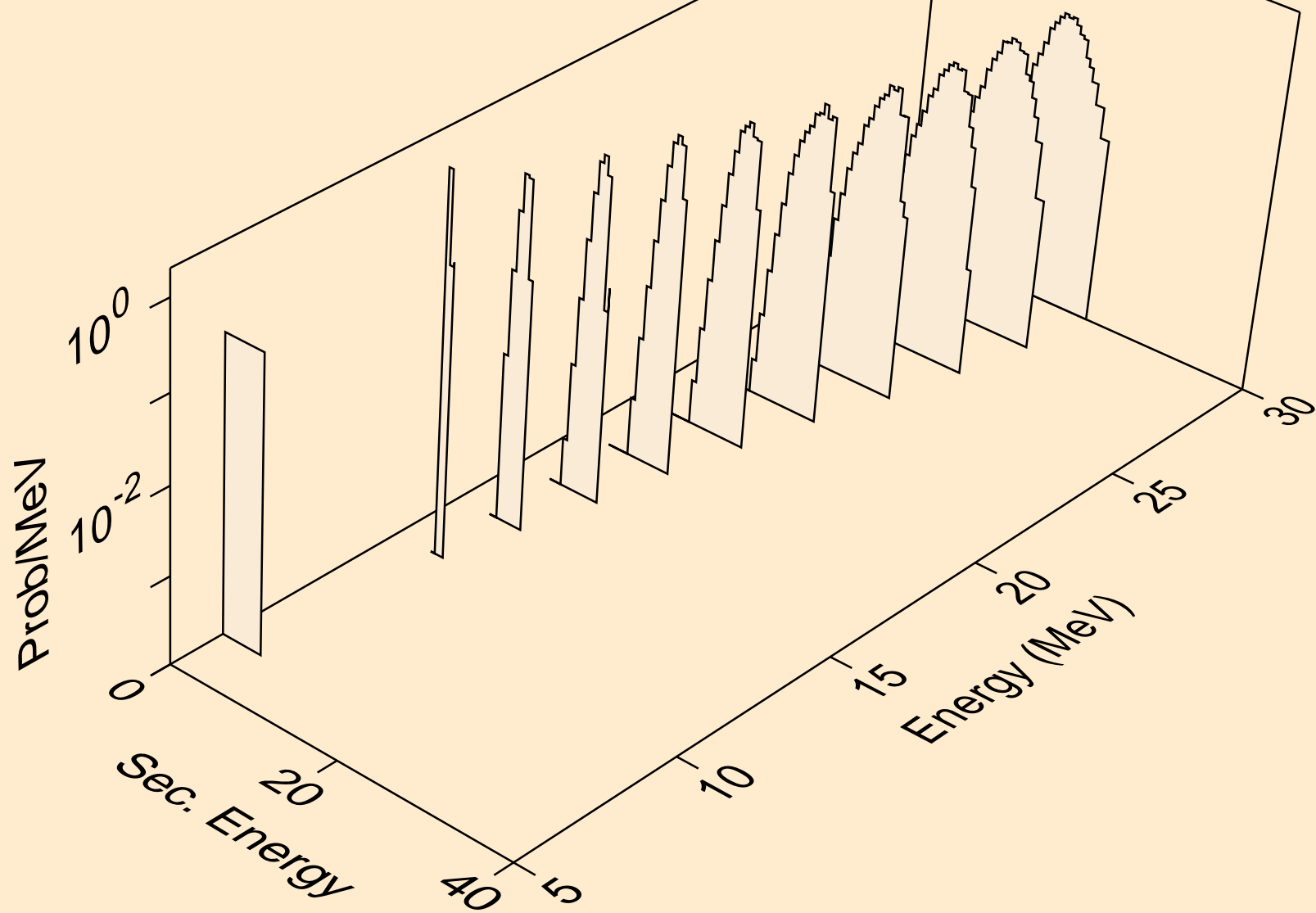
N-GD141M NRG TENDL-2017, AKONING  
alphas from (n,x)



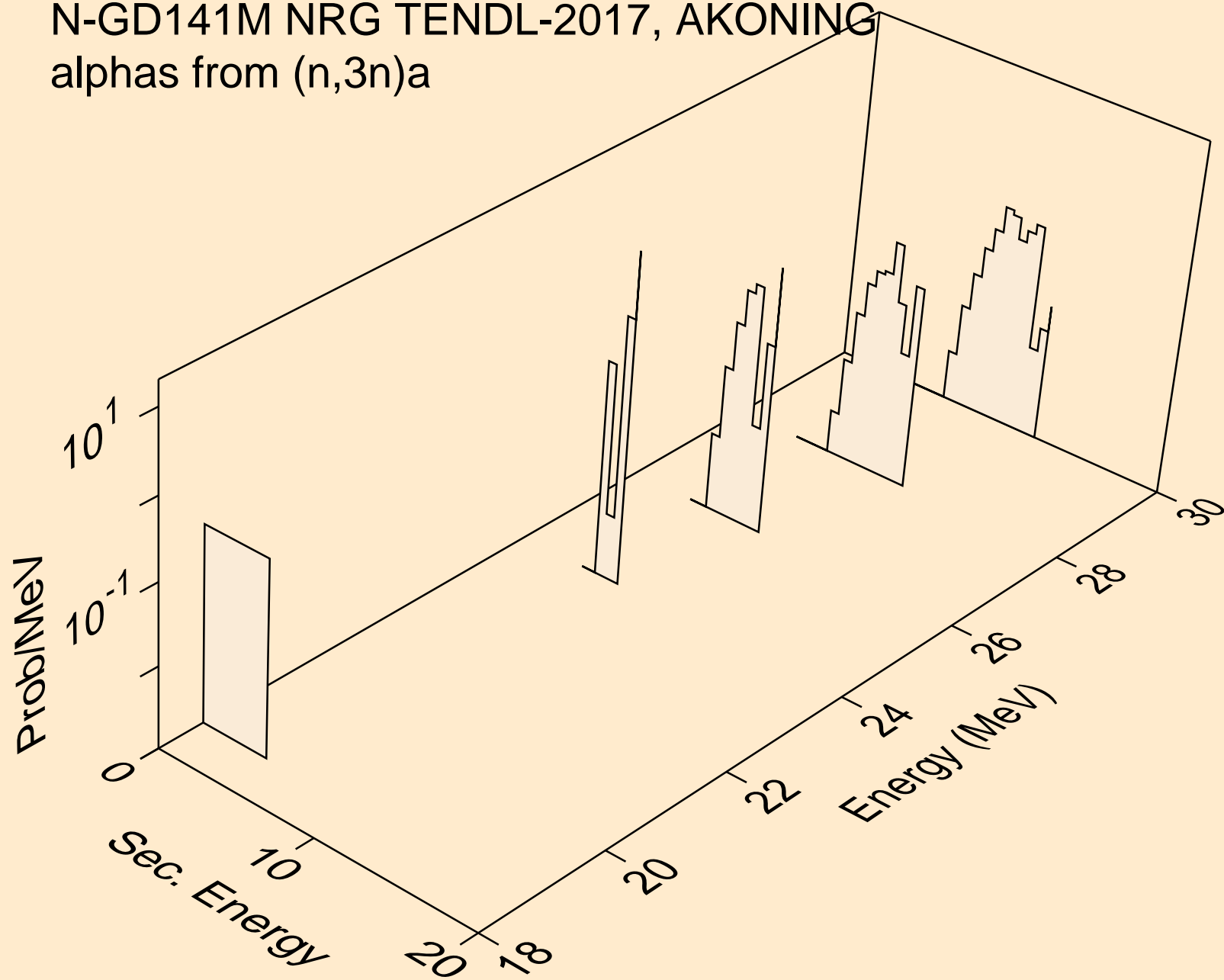
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alphas from (n,n\*)a



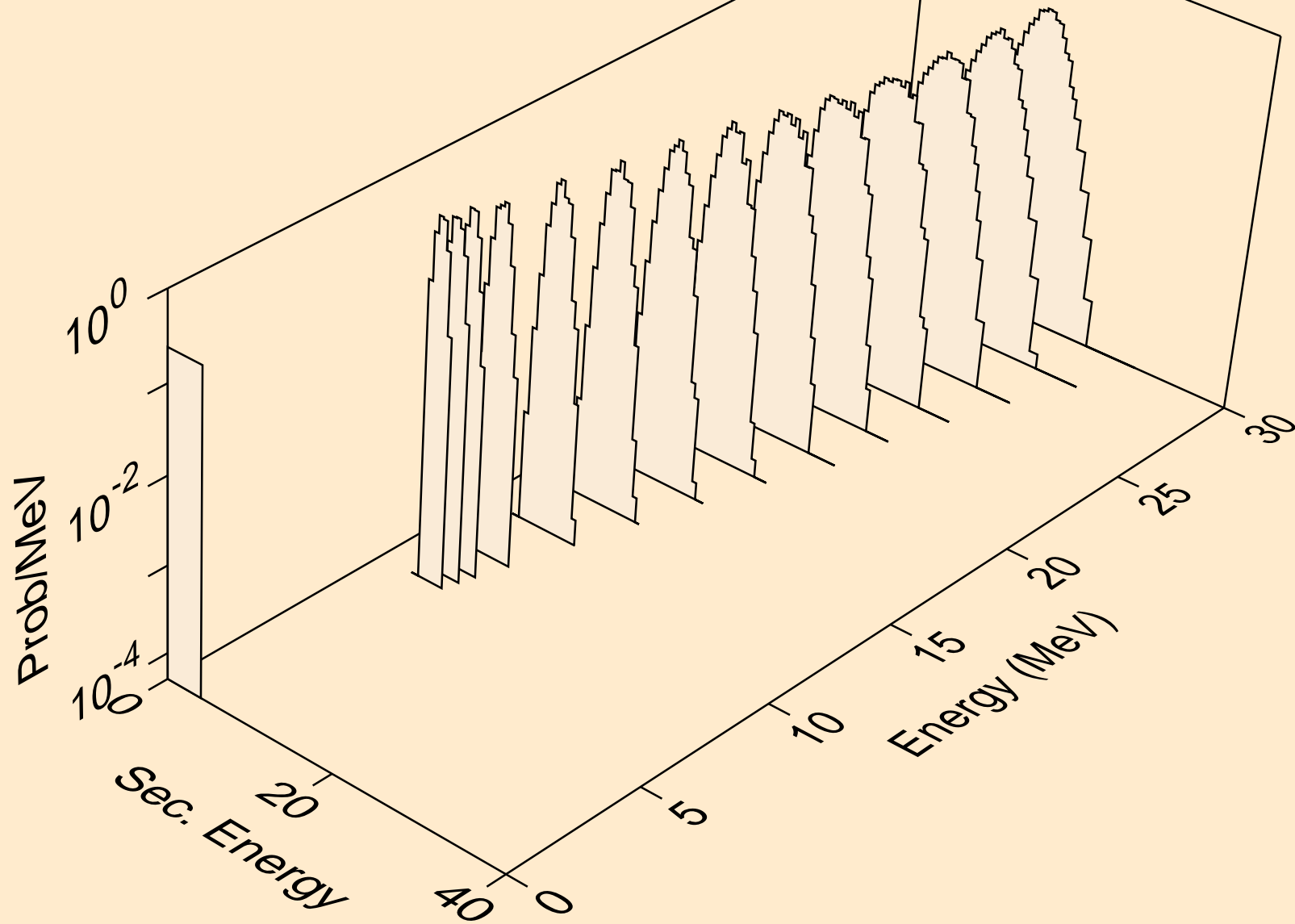
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alphas from (n,2n)a



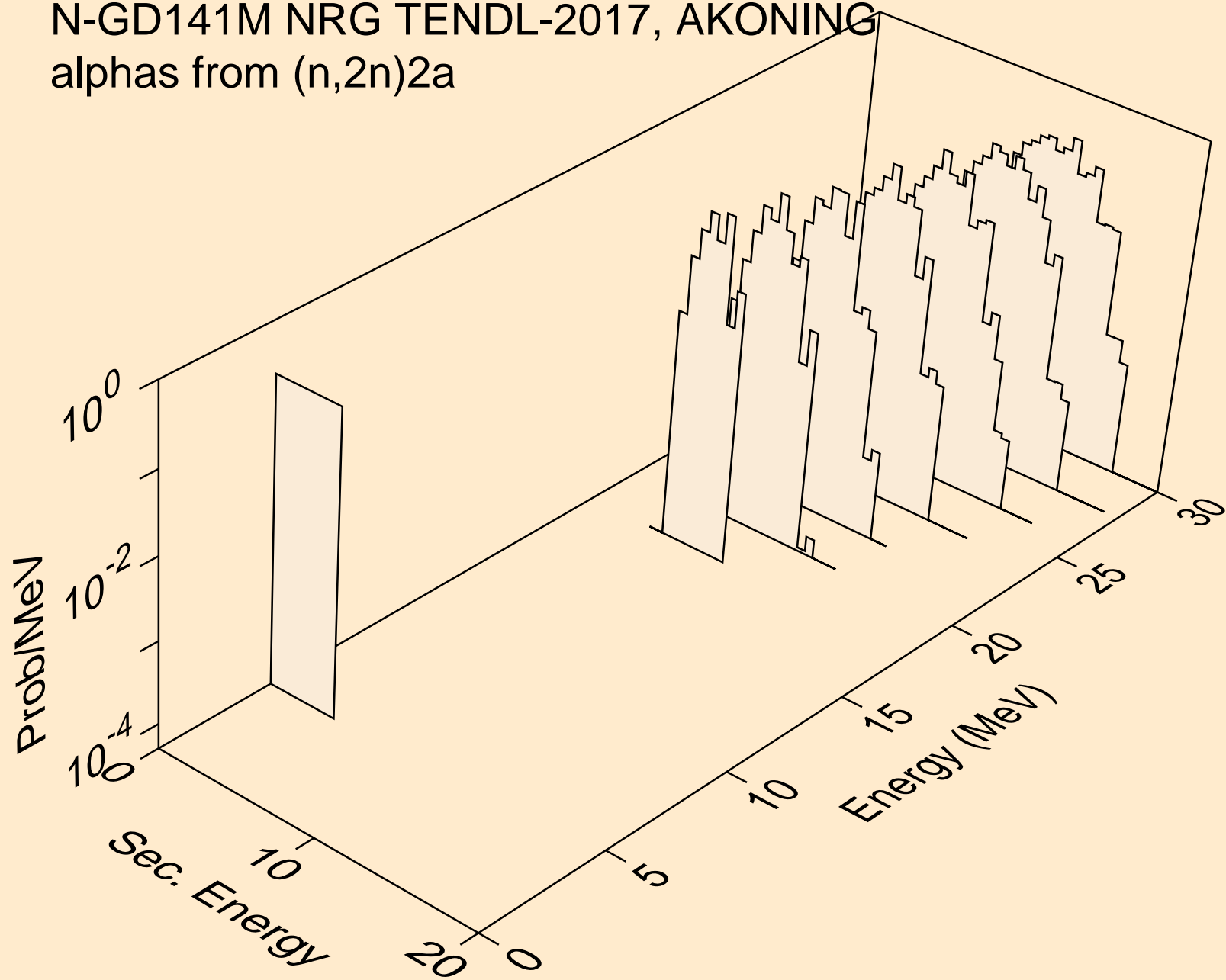
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alphas from (n,3n)a



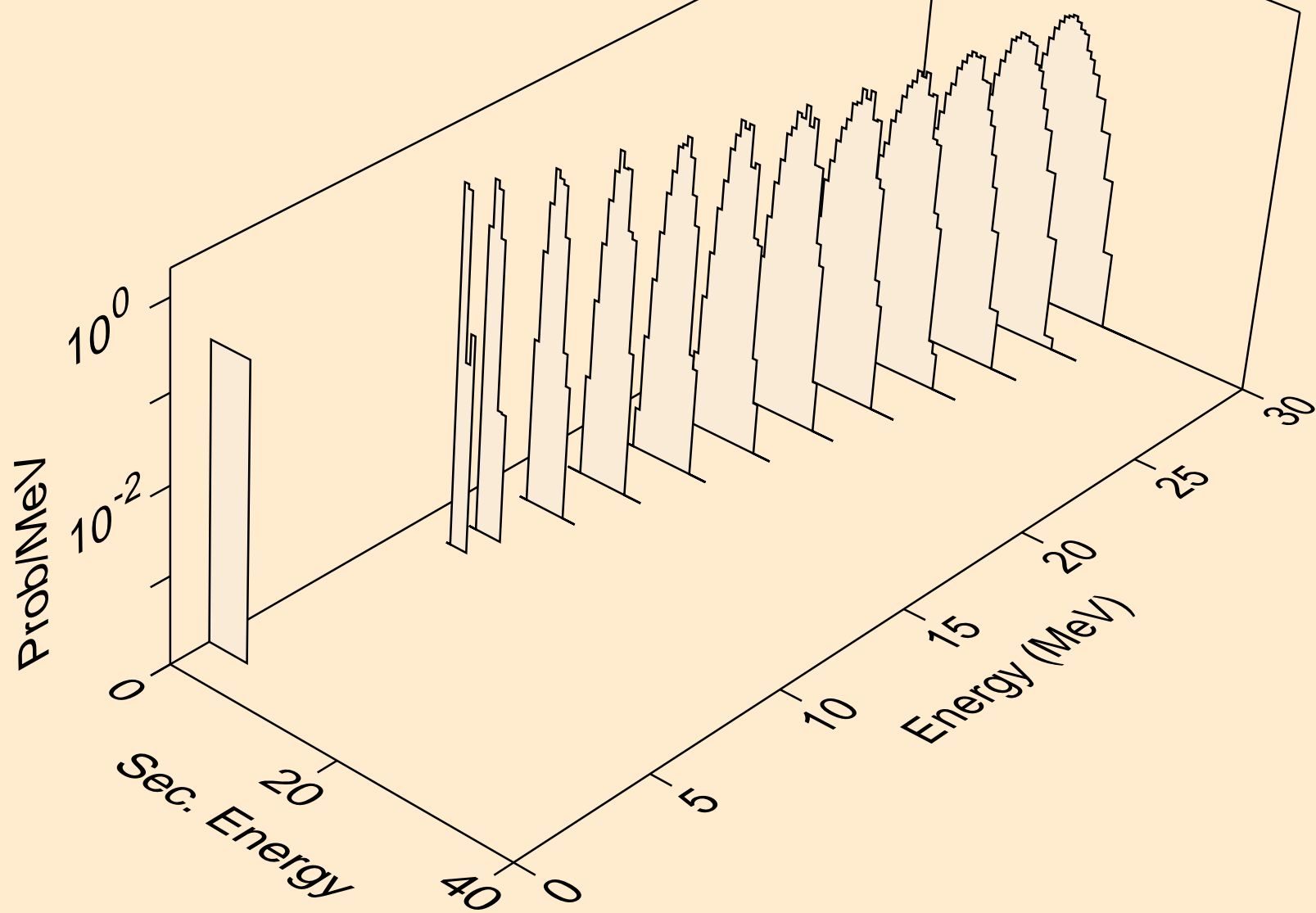
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alphas from (n,n\*)2a



N-GD141M NRG TENDL-2017, AKONING  
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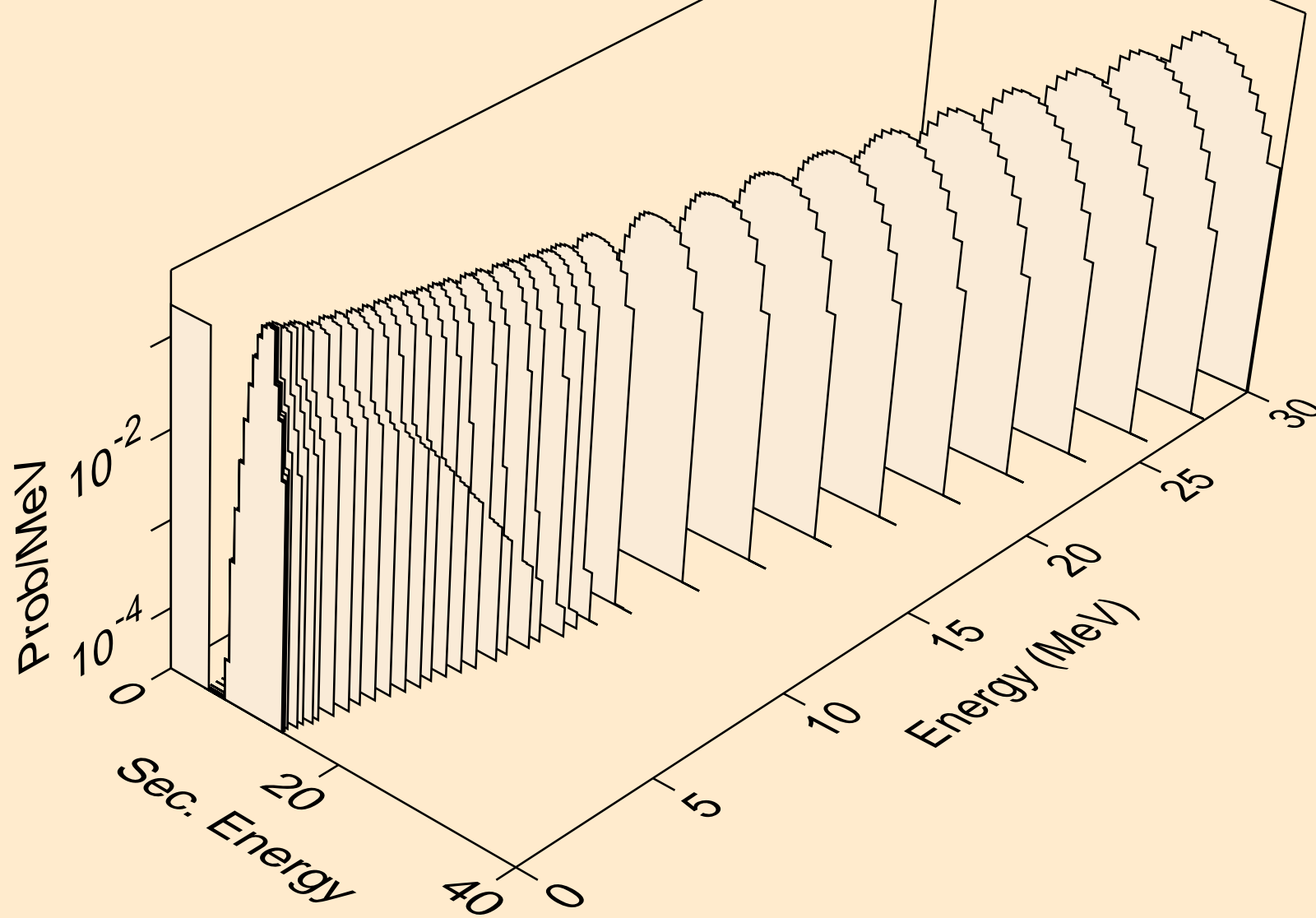


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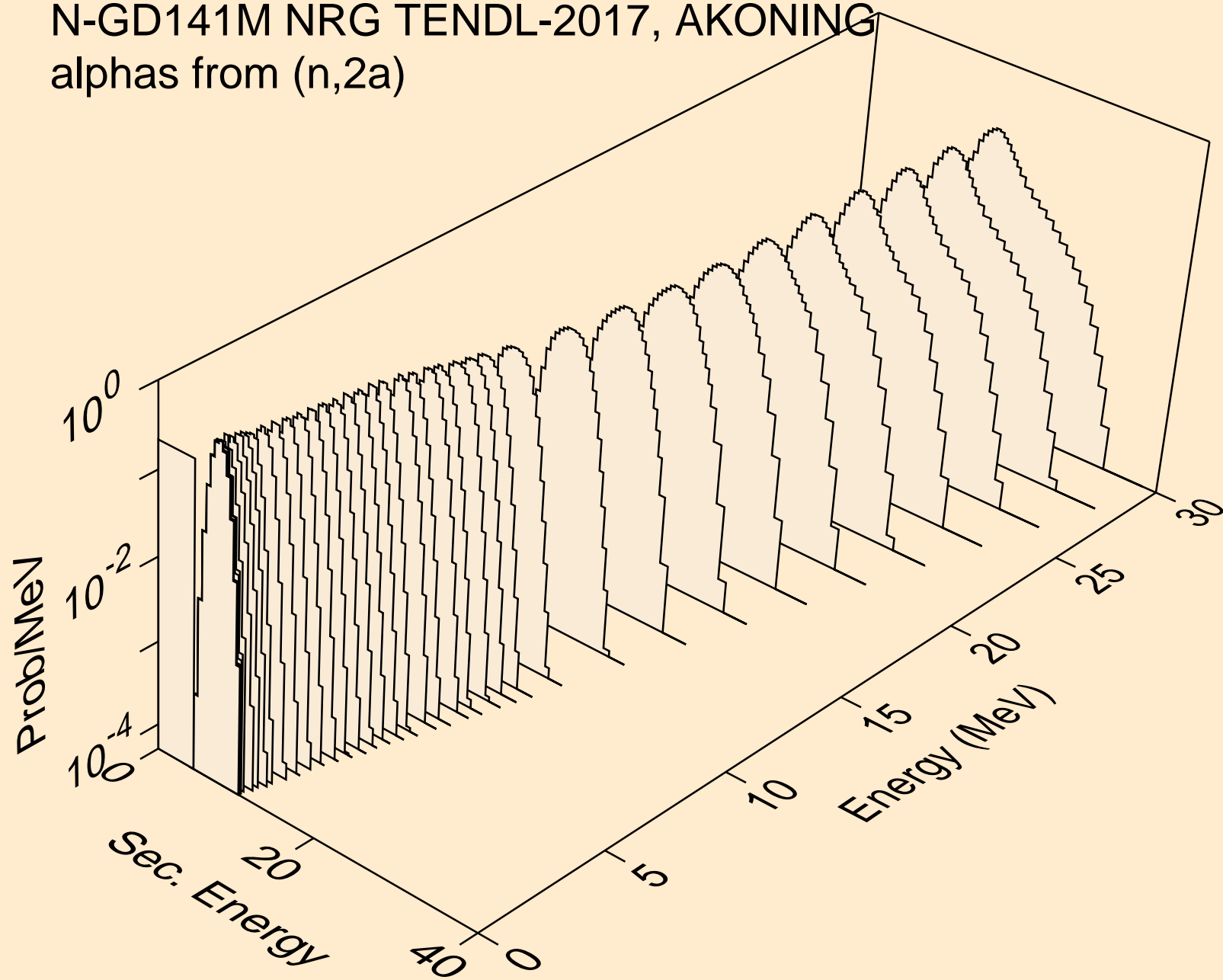




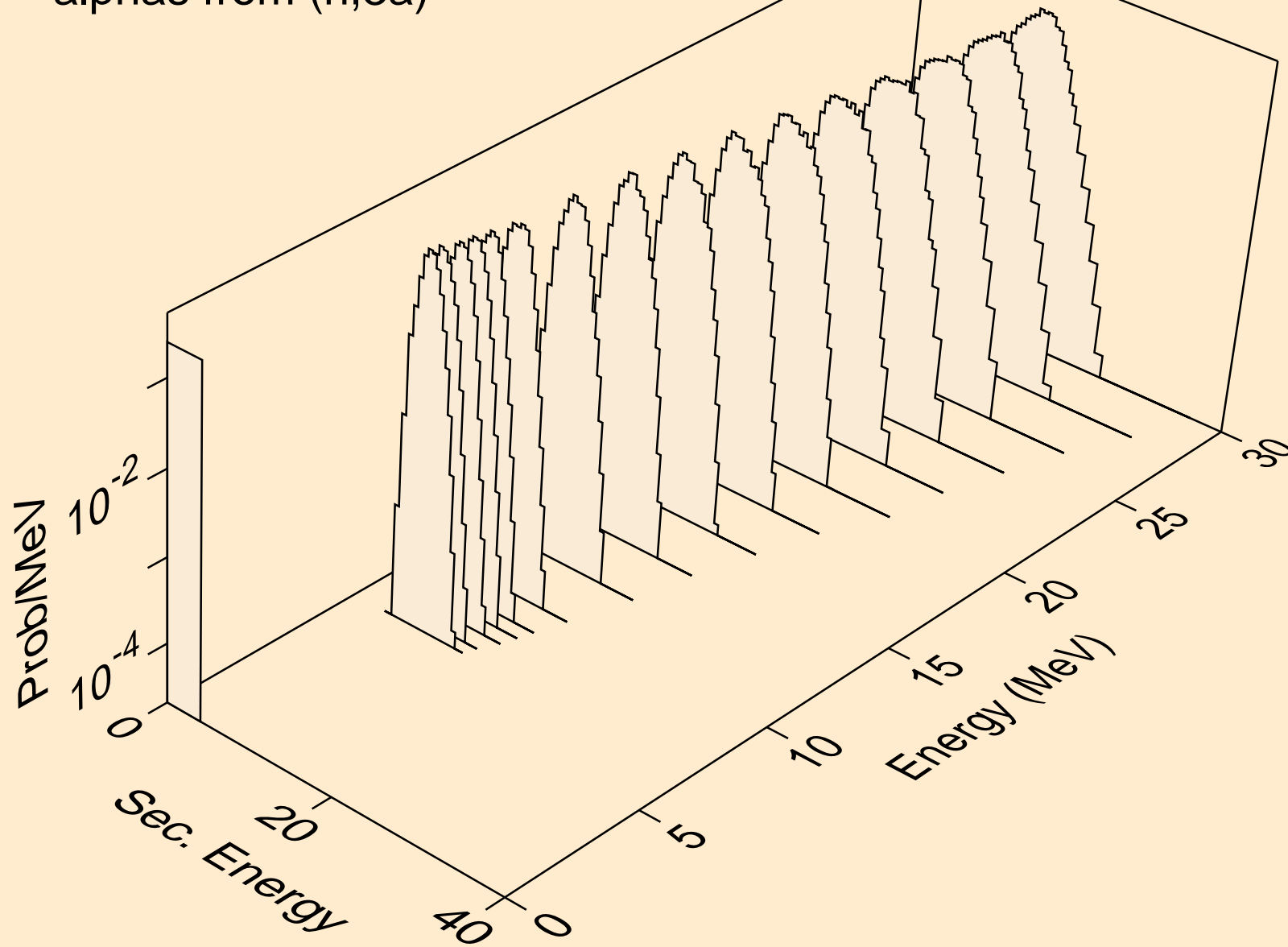
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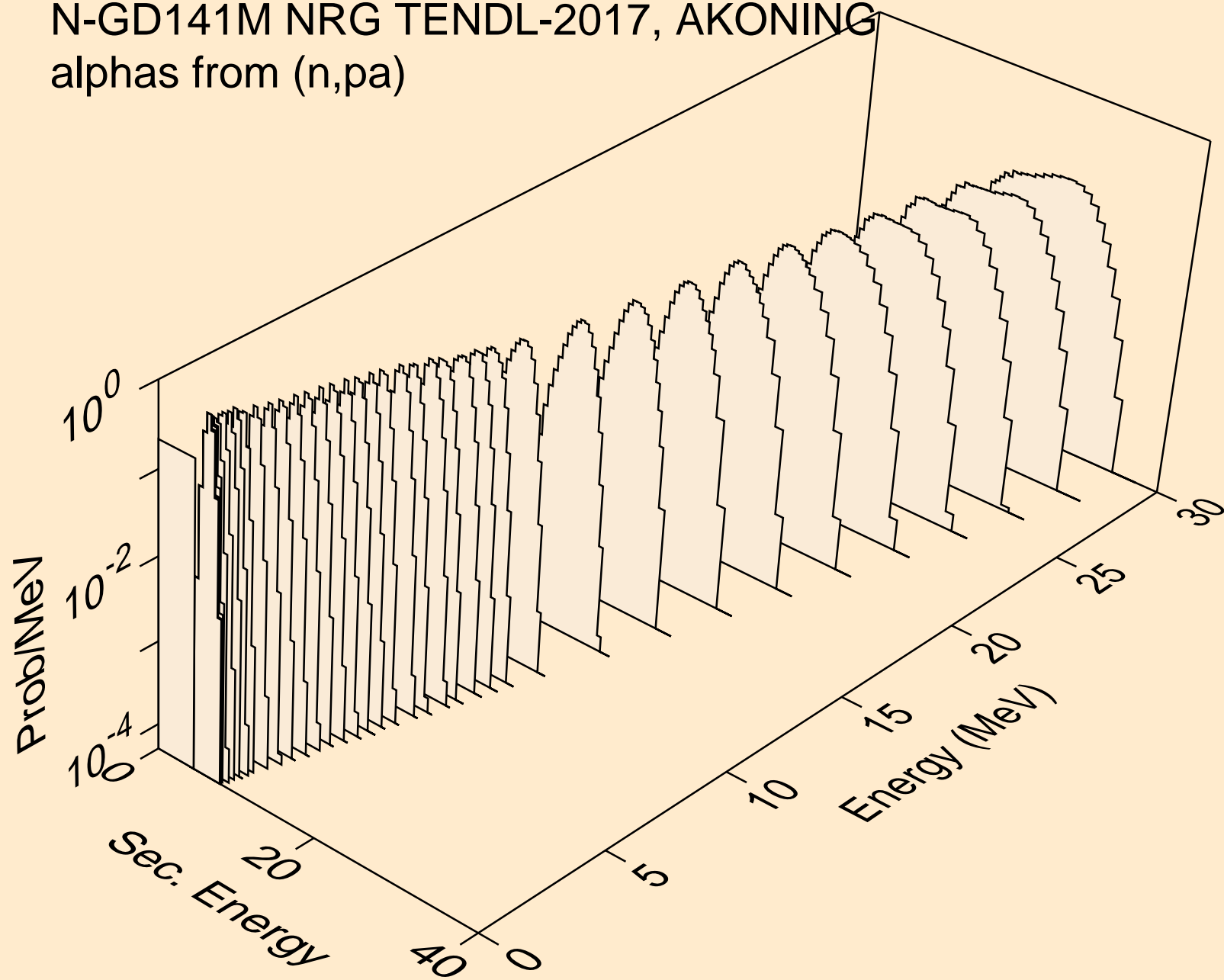
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alphas from (n,2a)



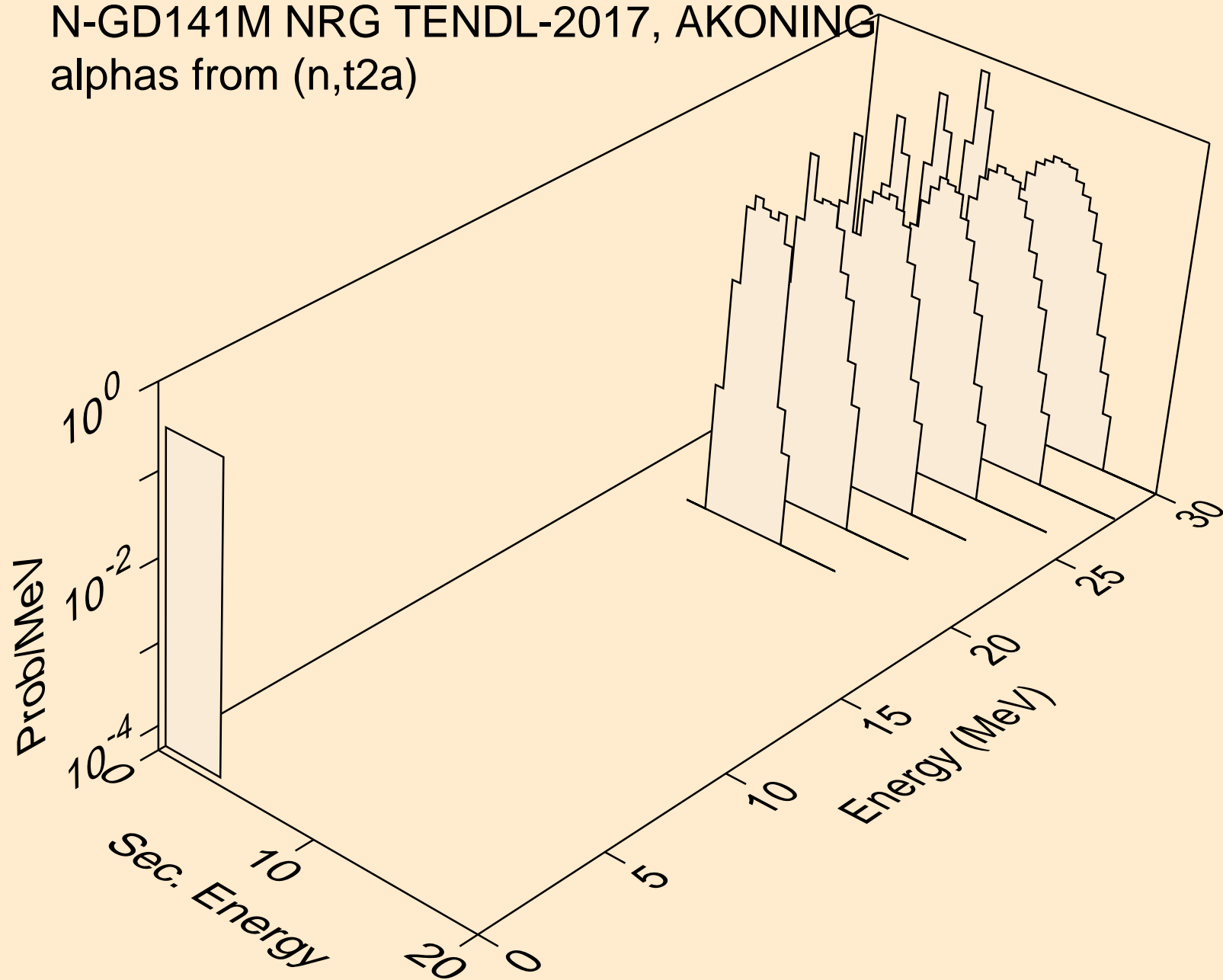
N-GD141M NRG TENDL-2017, AKONING  
alphas from (n,3a)



N-GD141M NRG TENDL-2017, AKONING  
alphas from (n,pa)



N-GD141M NRG TENDL-2017, AKONING  
alphas from (n,t2a)



N-GD141M NRG TENDL-2017, AKONING  
alphas from (n,da)

