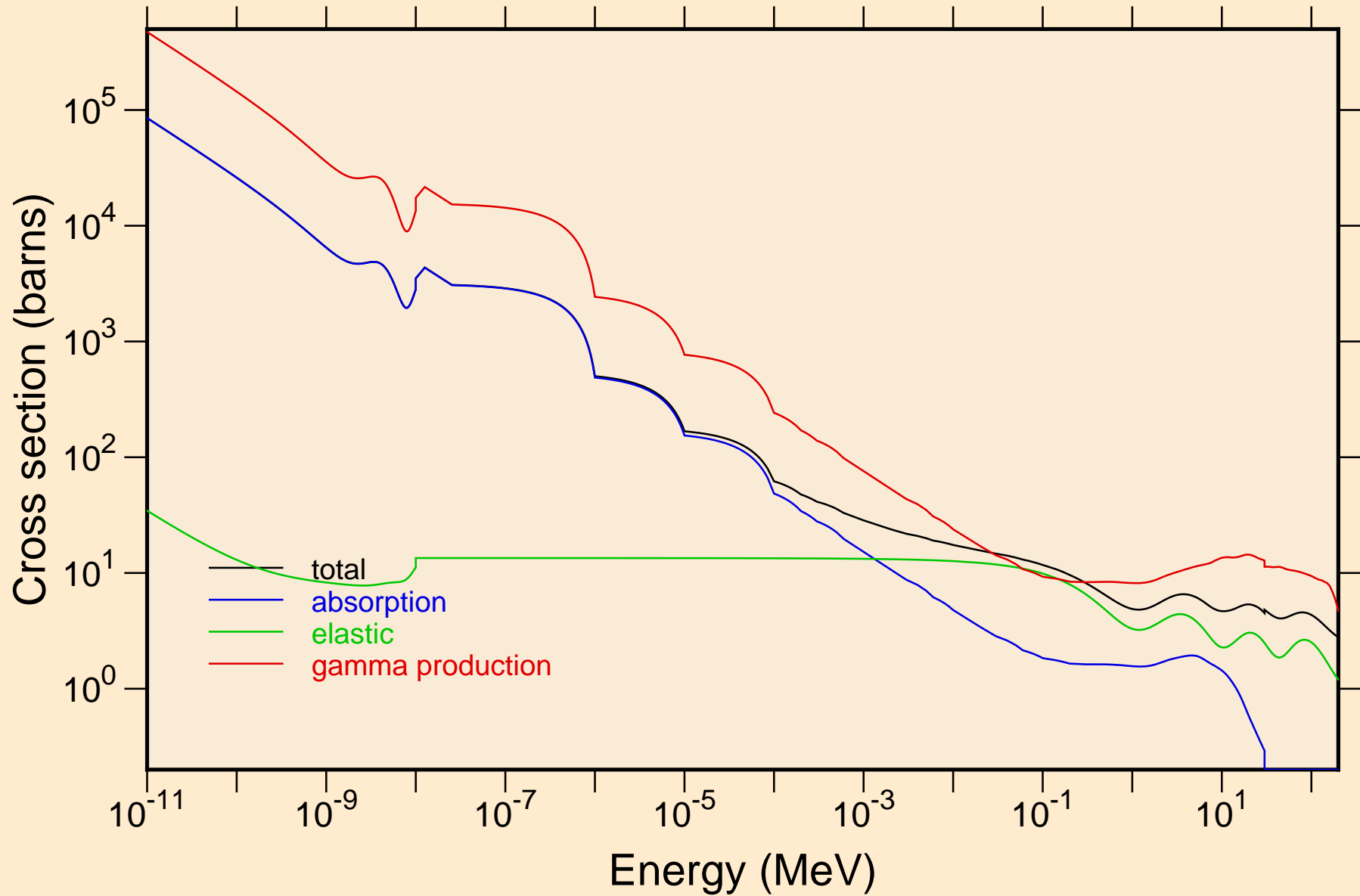


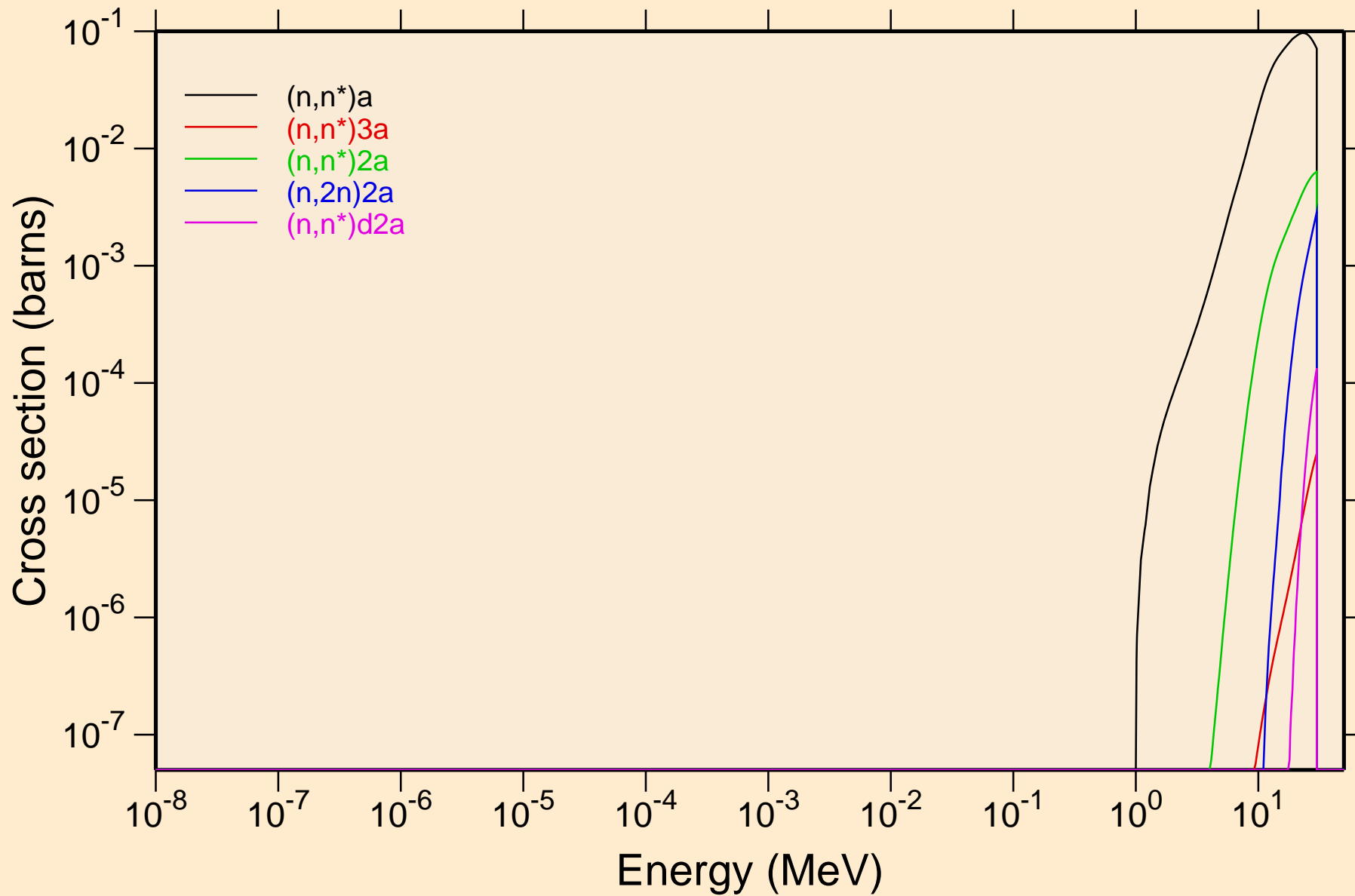
# PB185 NRG TENDL-2015, AKONING

## Principal cross sections



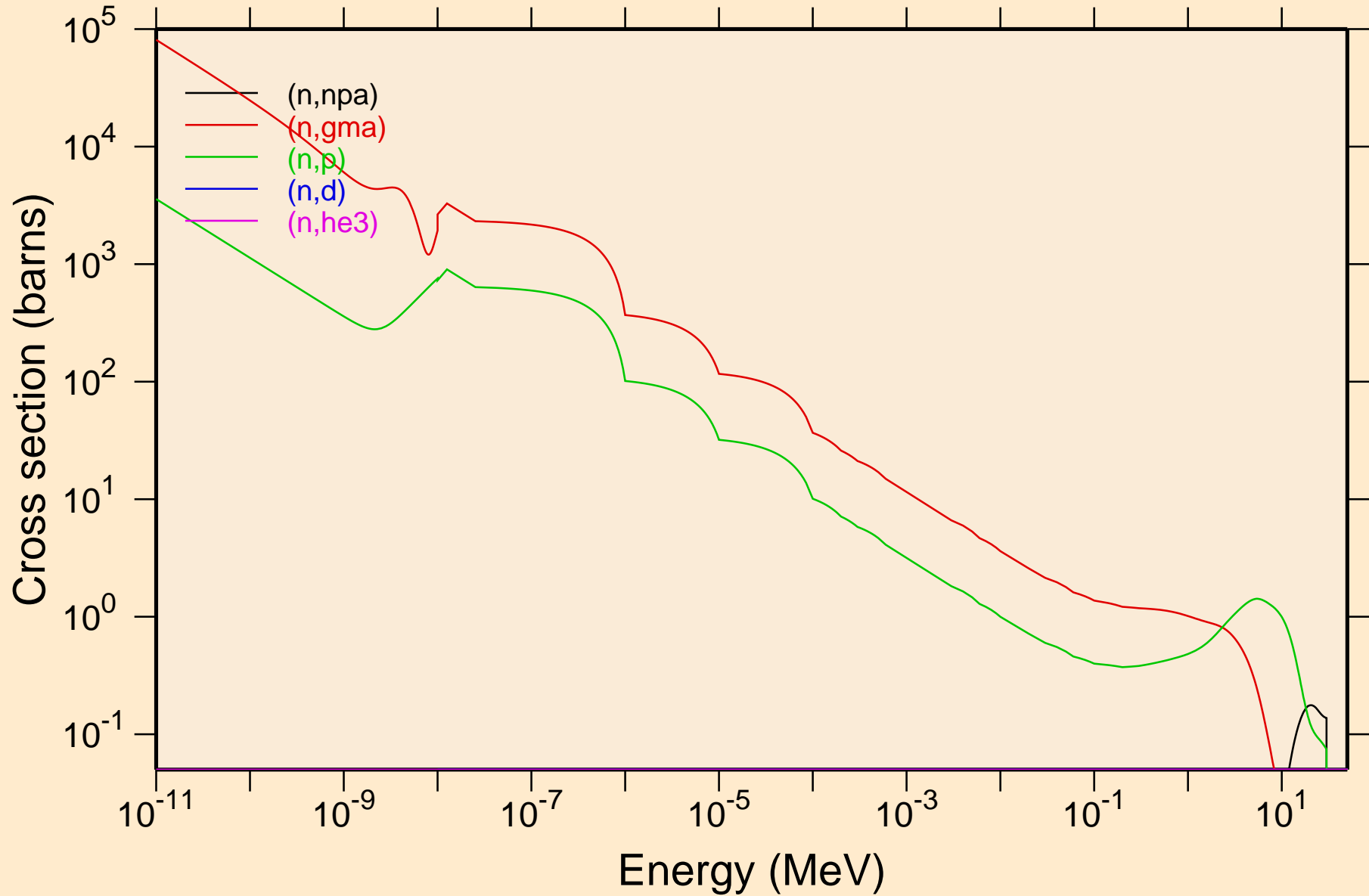
# PB185 NRG TENDL-2015, AKONING

## Non-threshold reactions

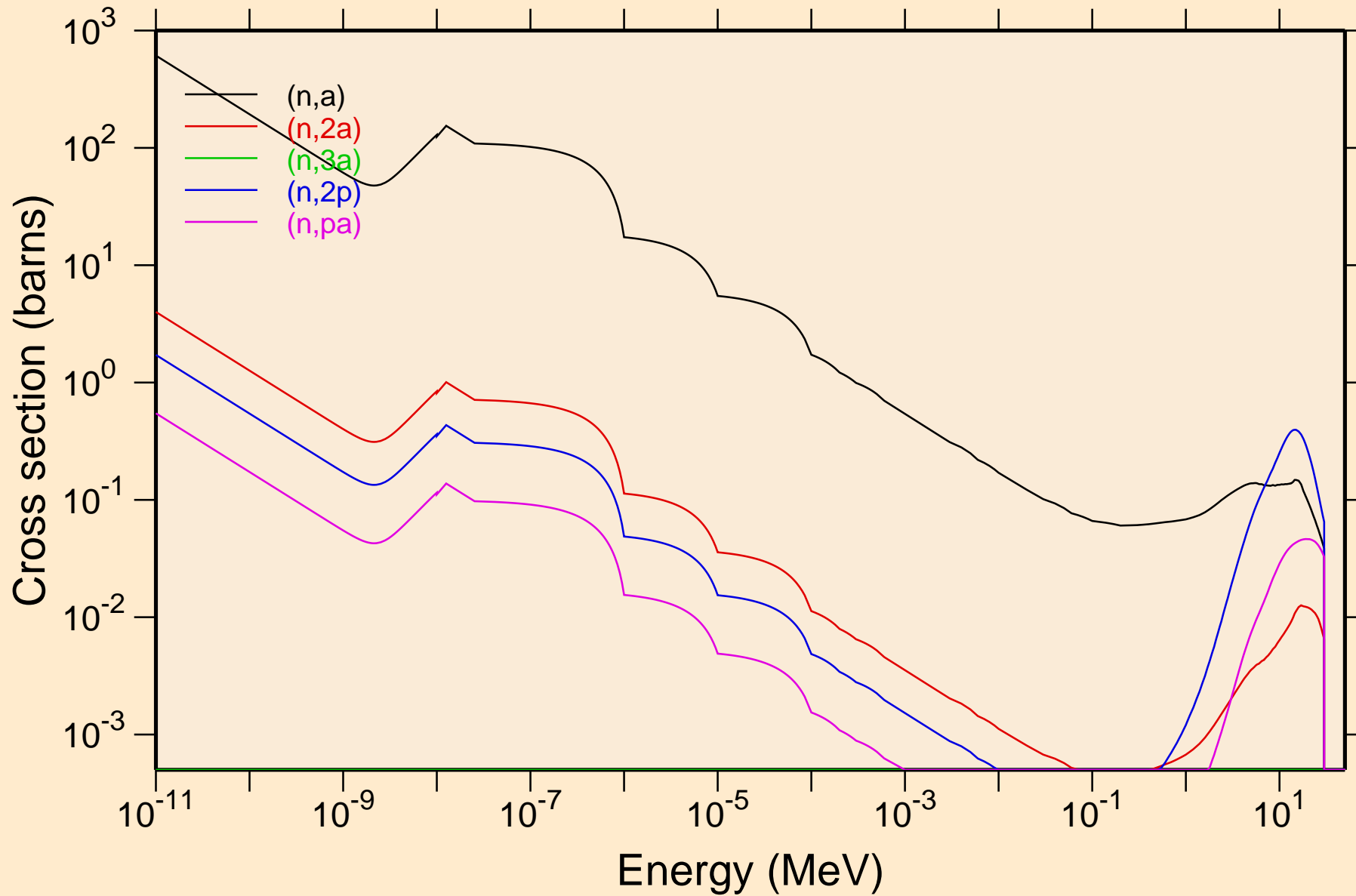


# PB185 NRG TENDL-2015, AKONING

## Non-threshold reactions

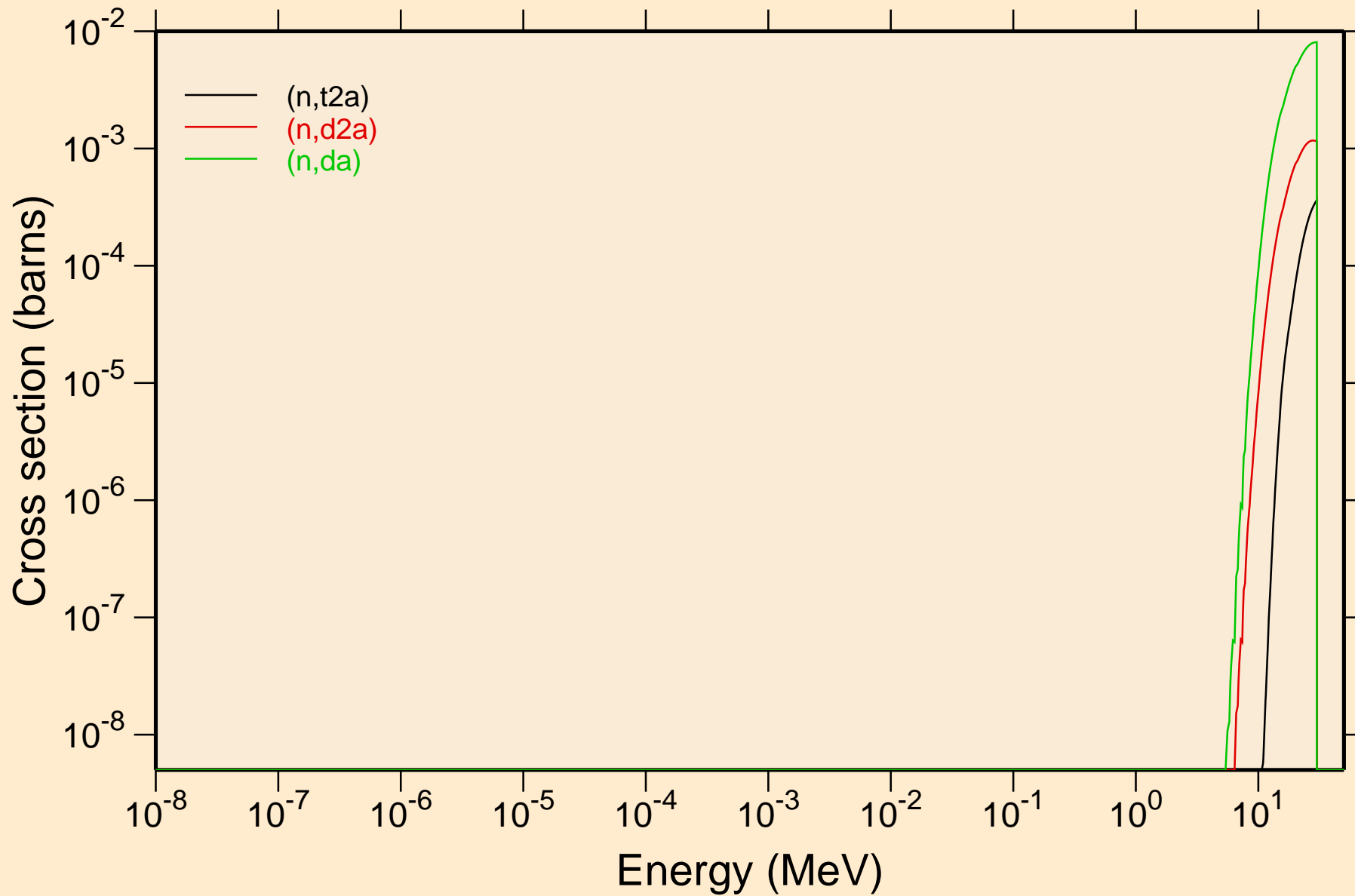


PB185 NRG TENDL-2015, AKONING  
Non-threshold reactions



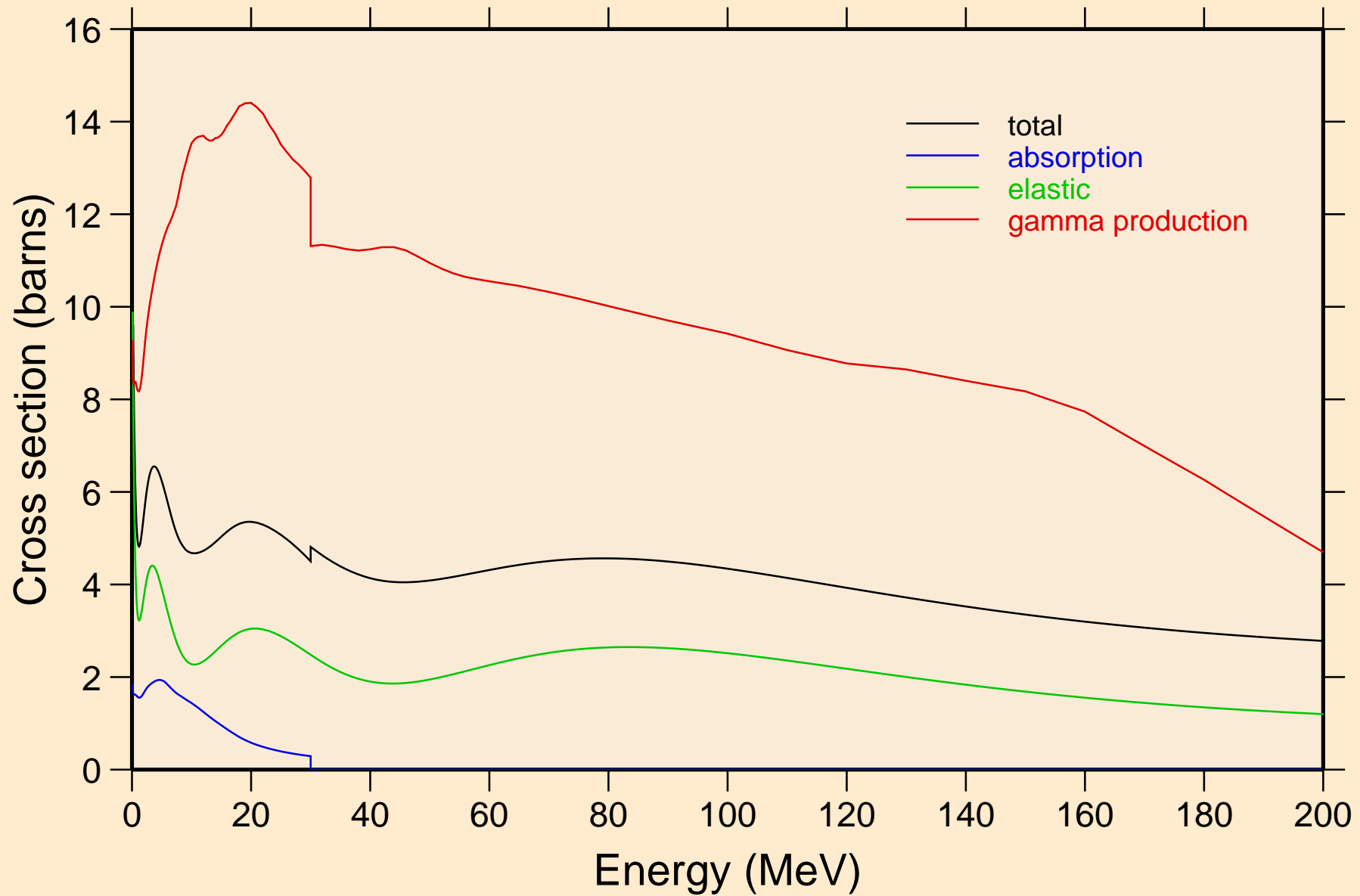
# PB185 NRG TENDL-2015, AKONING

## Non-threshold reactions



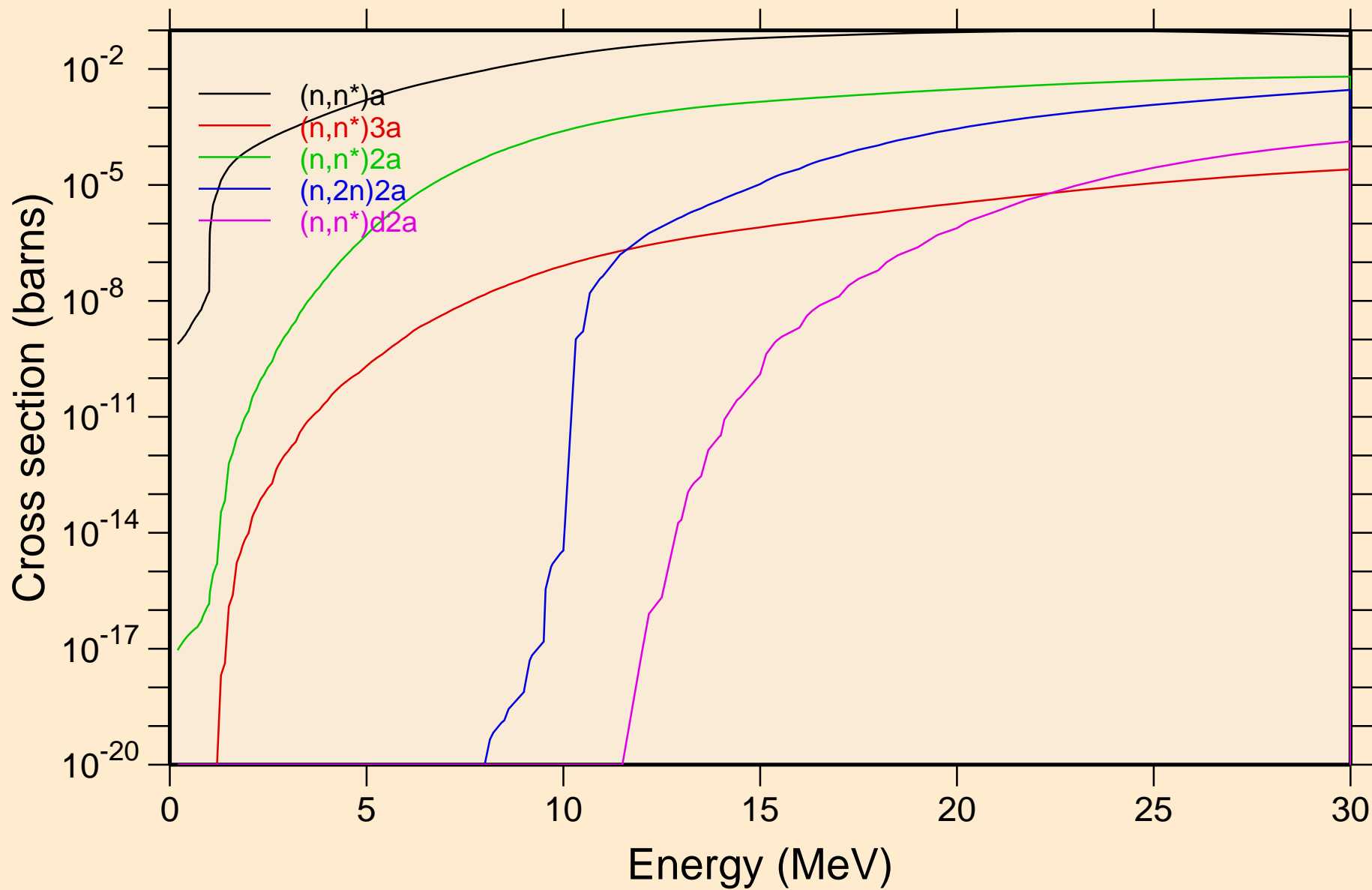
# PB185 NRG TENDL-2015, AKONING

## Principal cross sections



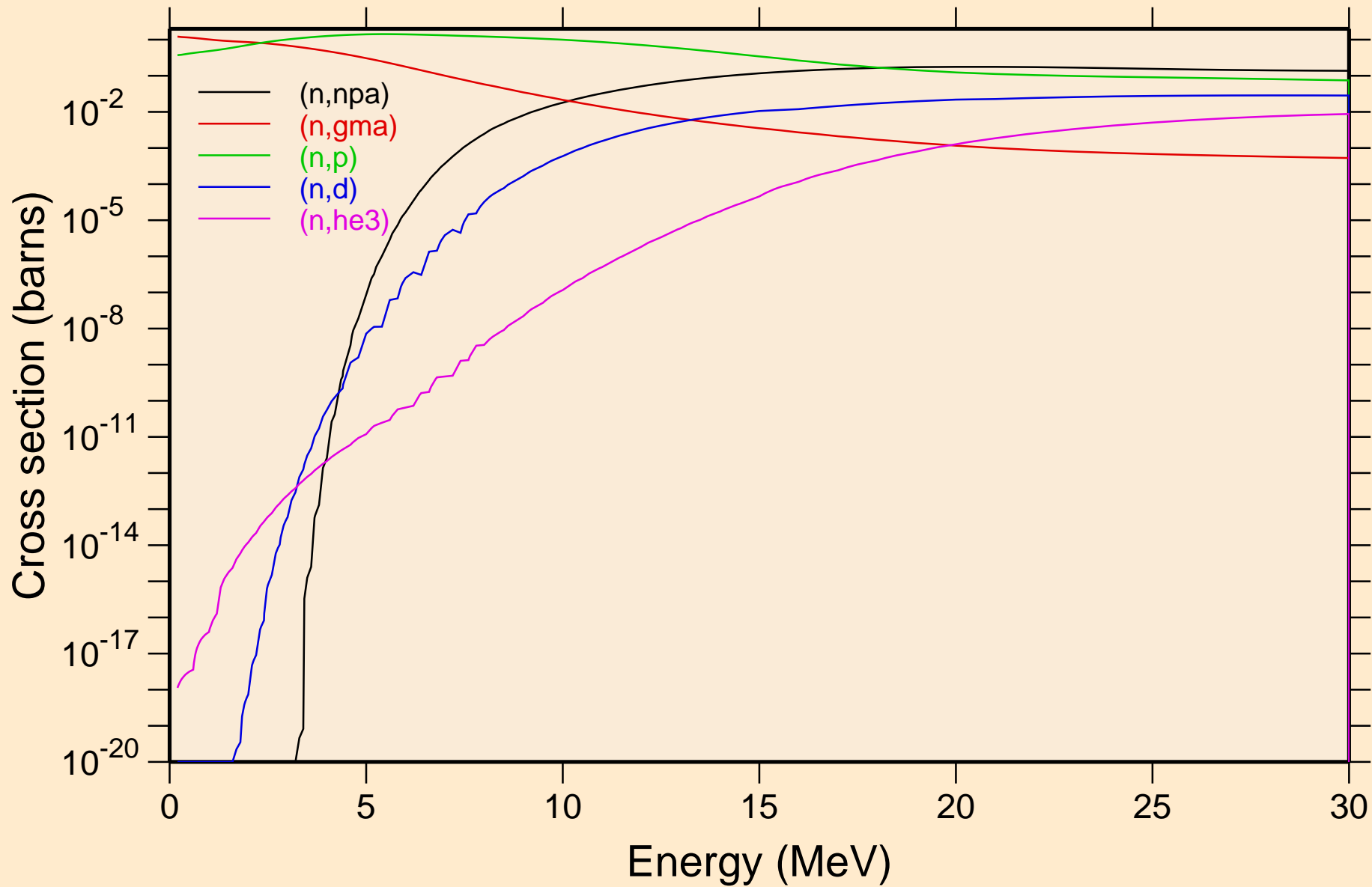
# PB185 NRG TENDL-2015, AKONING

## Non-threshold reactions



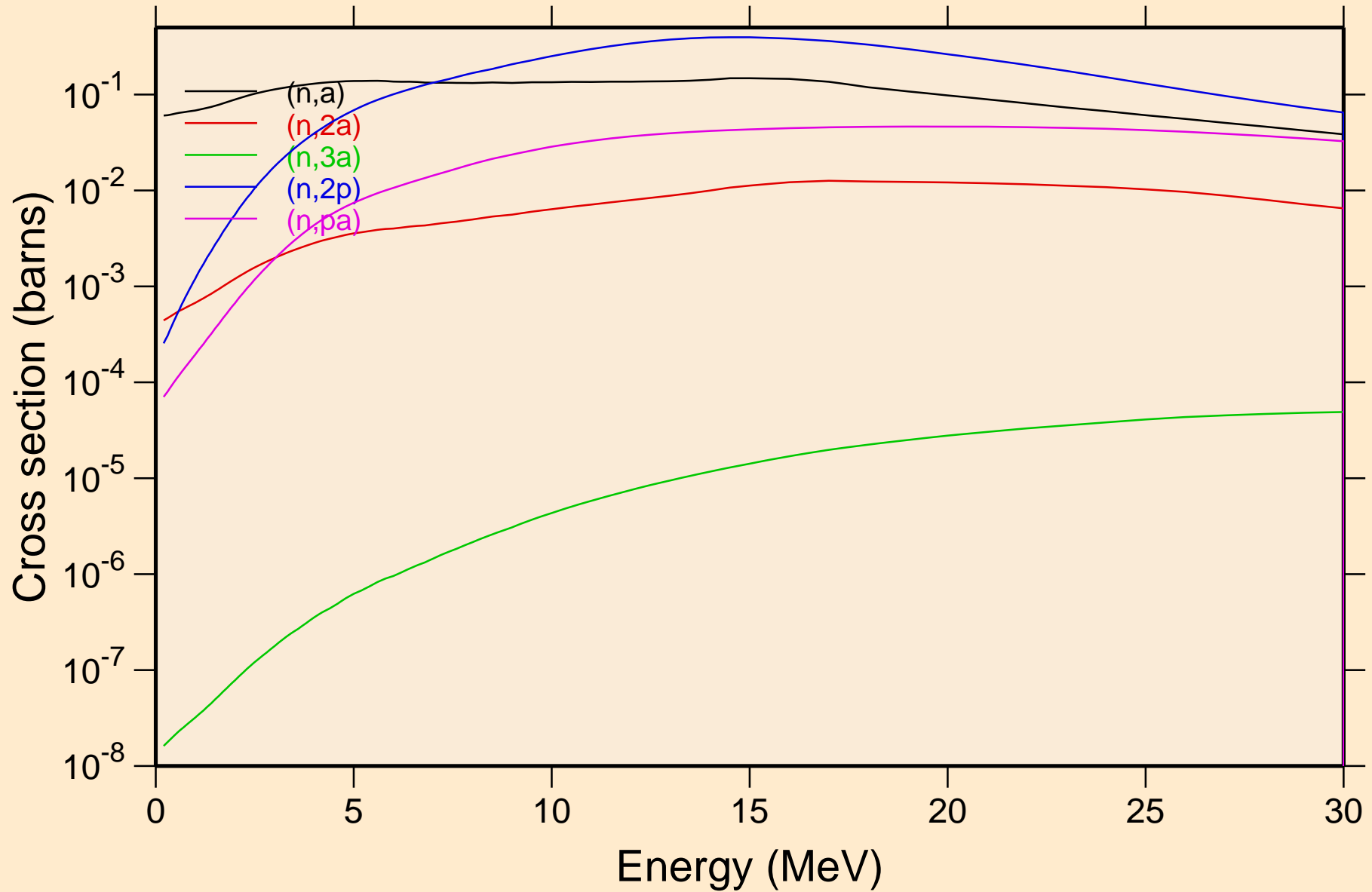
# PB185 NRG TENDL-2015, AKONING

## Non-threshold reactions



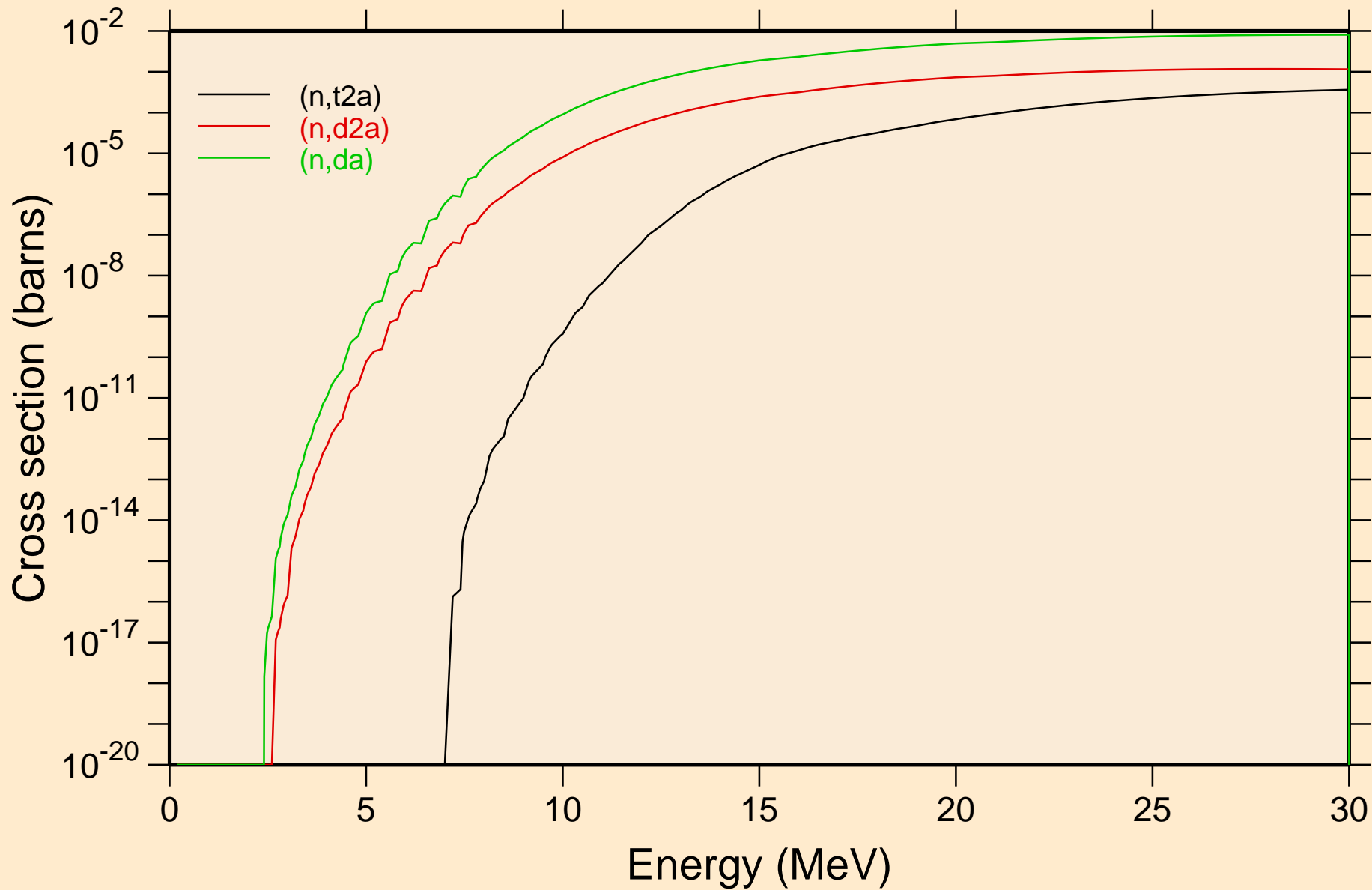


PB185 NRG TENDL-2015, AKONING  
Non-threshold reactions

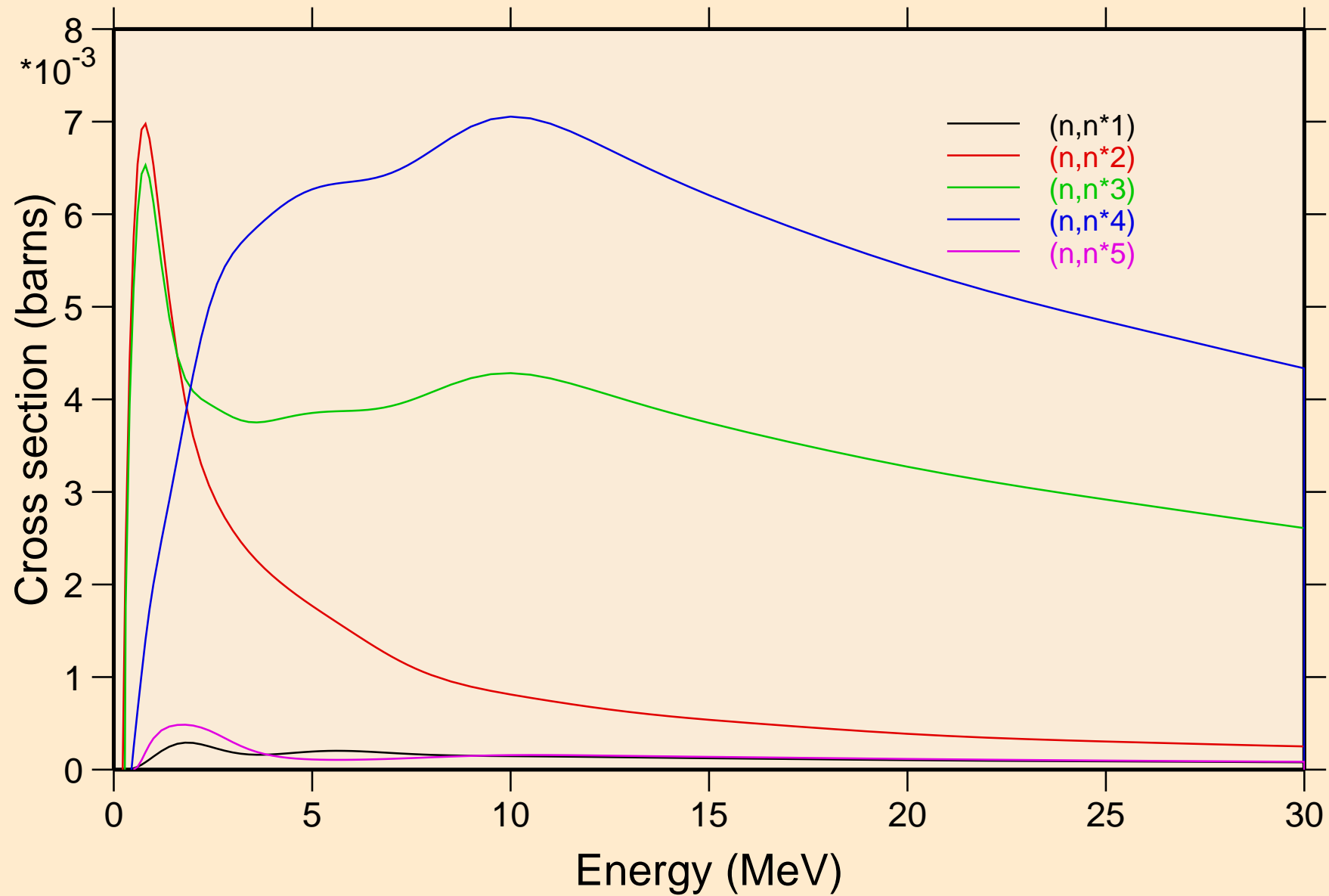


# PB185 NRG TENDL-2015, AKONING

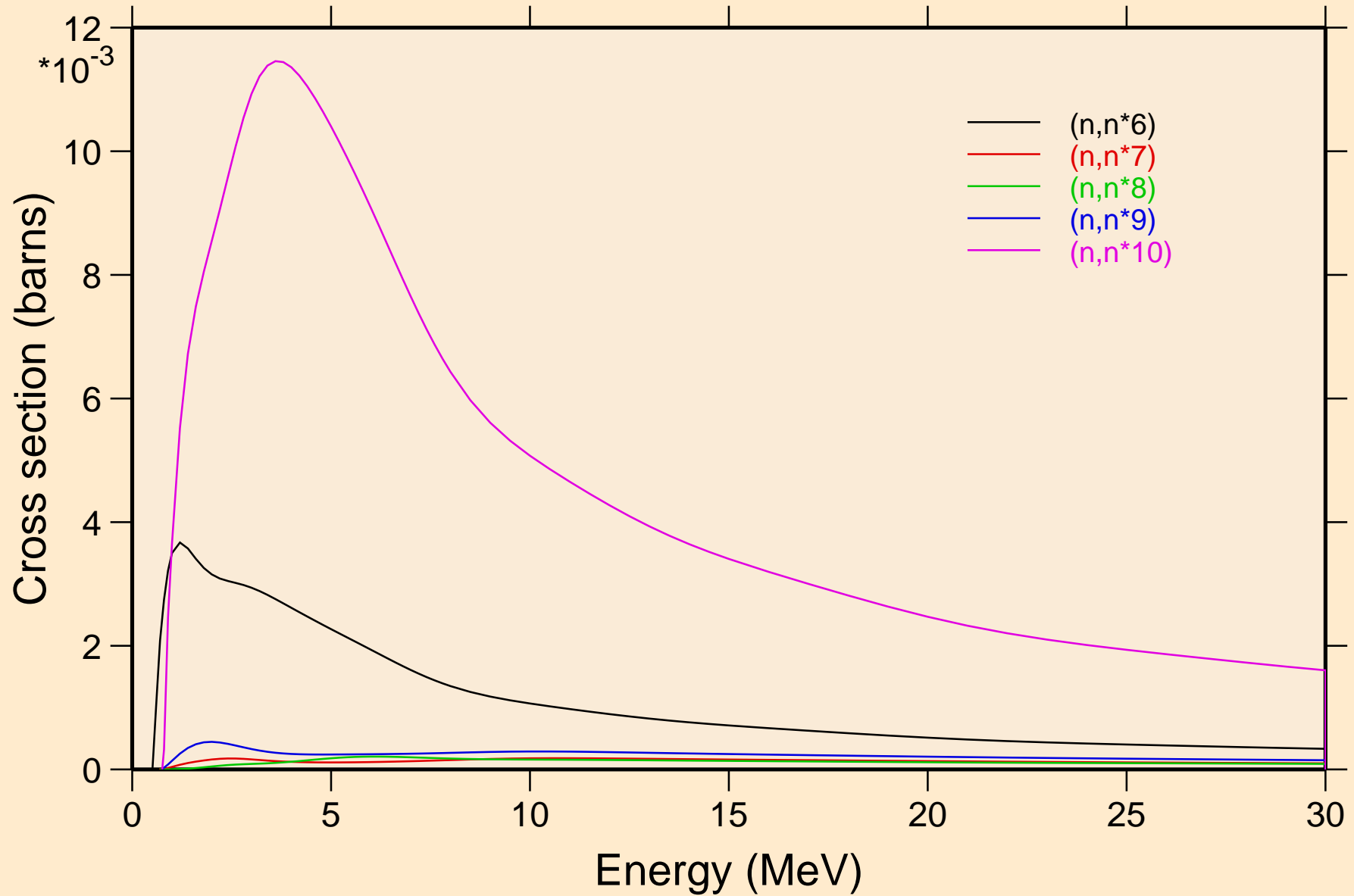
## Non-threshold reactions



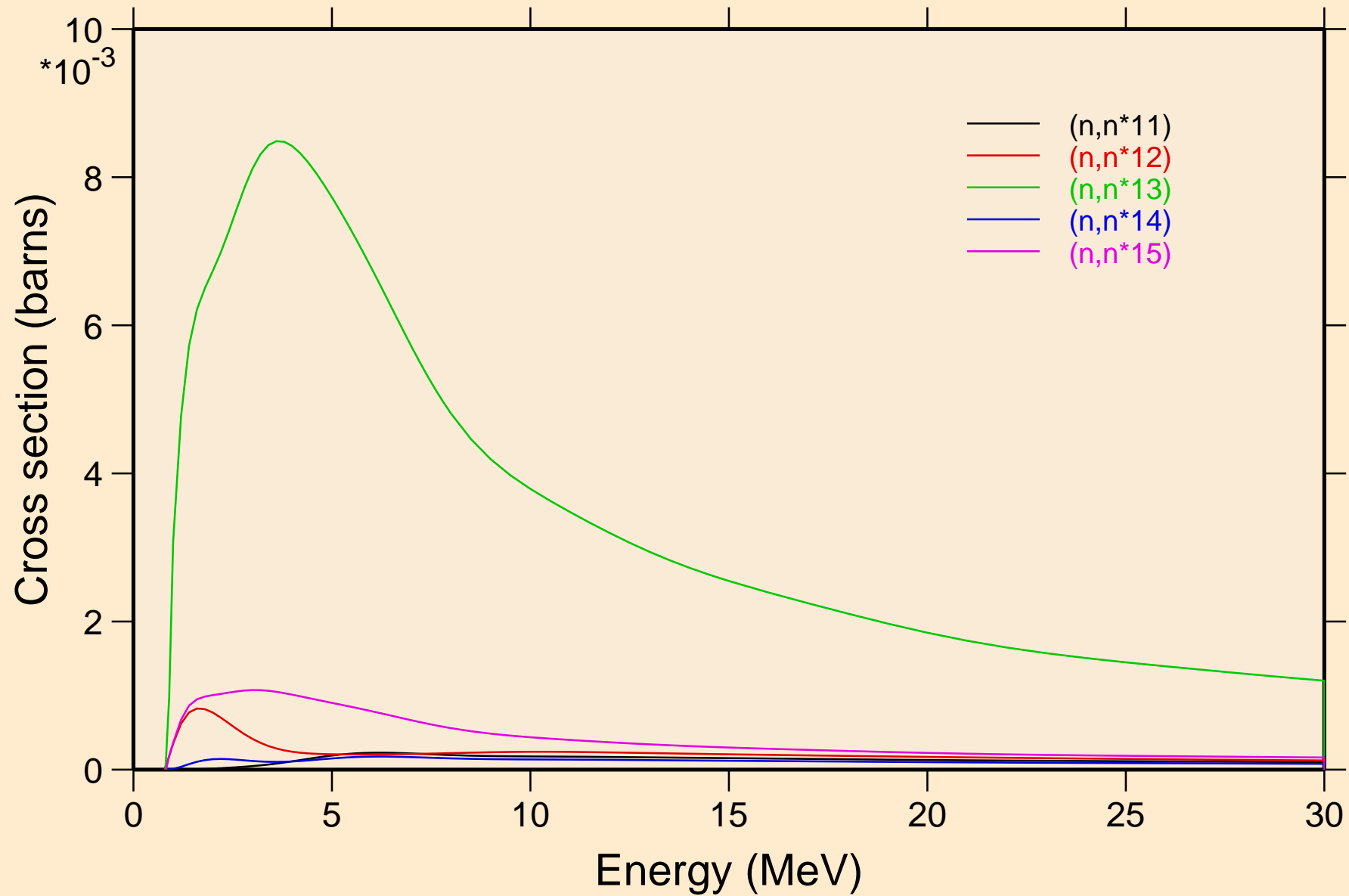
PB185 NRG TENDL-2015, AKONING  
Inelastic levels



PB185 NRG TENDL-2015, AKONING  
Inelastic levels

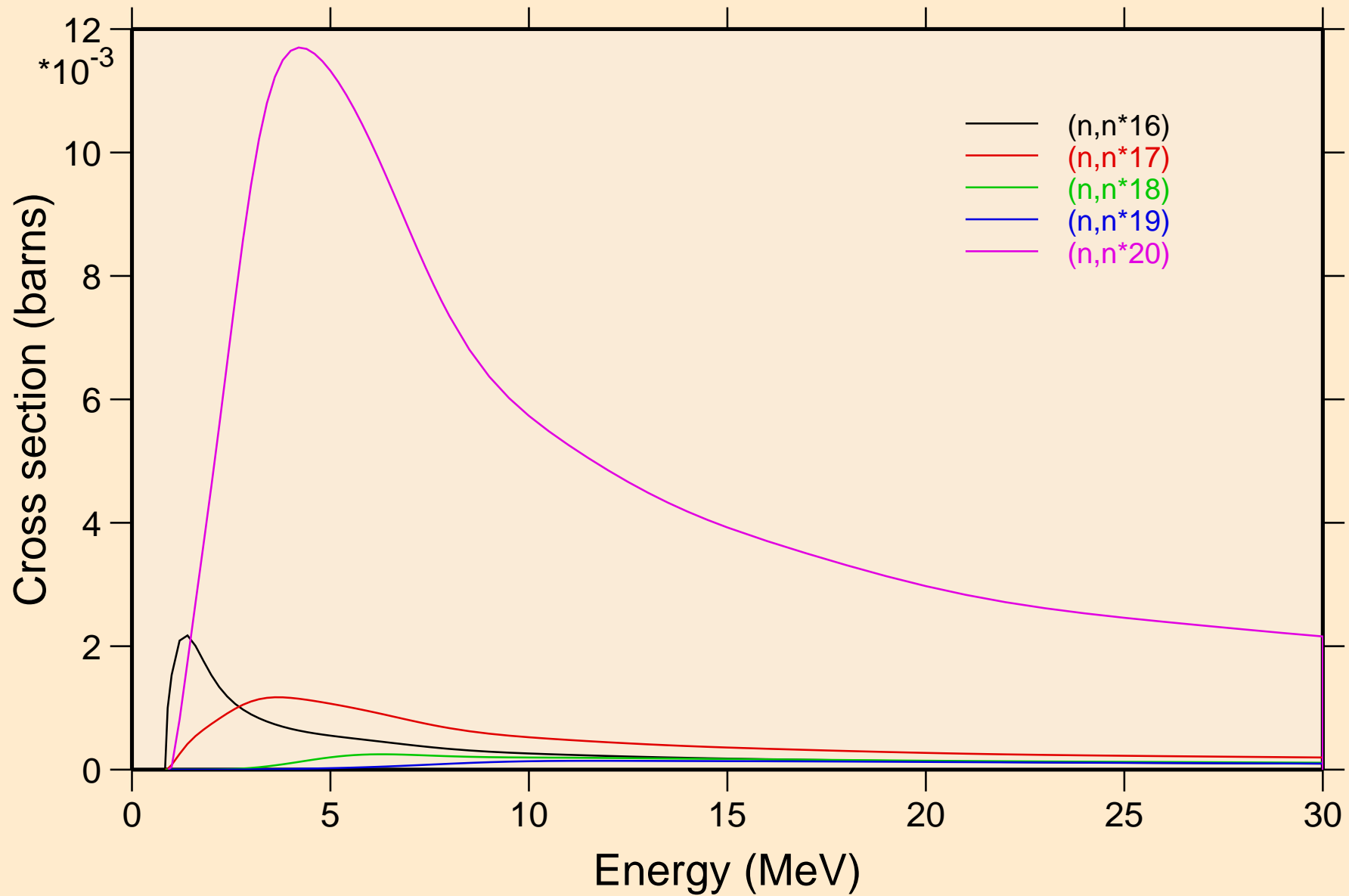


PB185 NRG TENDL-2015, AKONING  
Inelastic levels



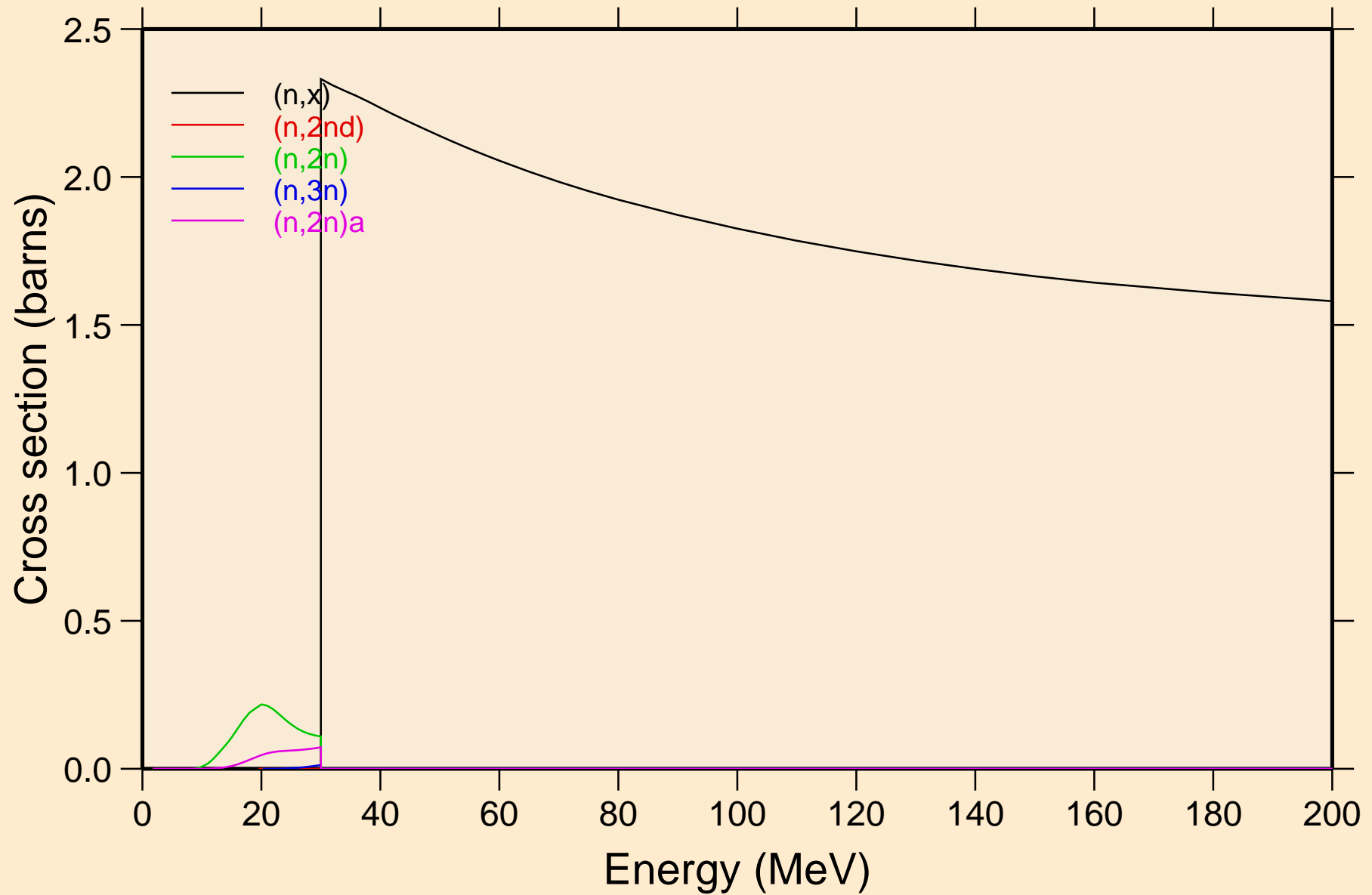
# PB185 NRG TENDL-2015, AKONING

## Inelastic levels

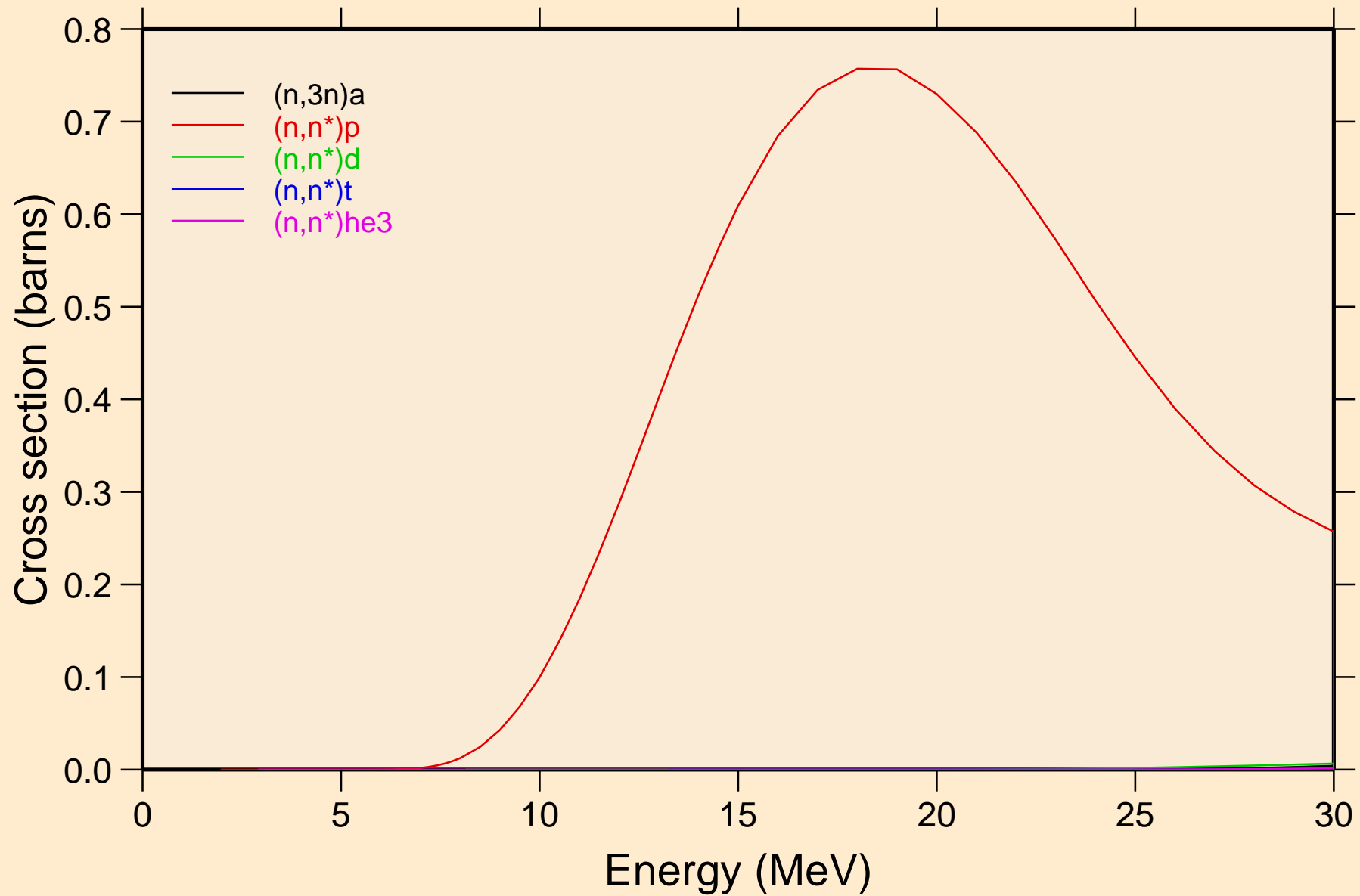


# PB185 NRG TENDL-2015, AKONING

## Threshold reactions



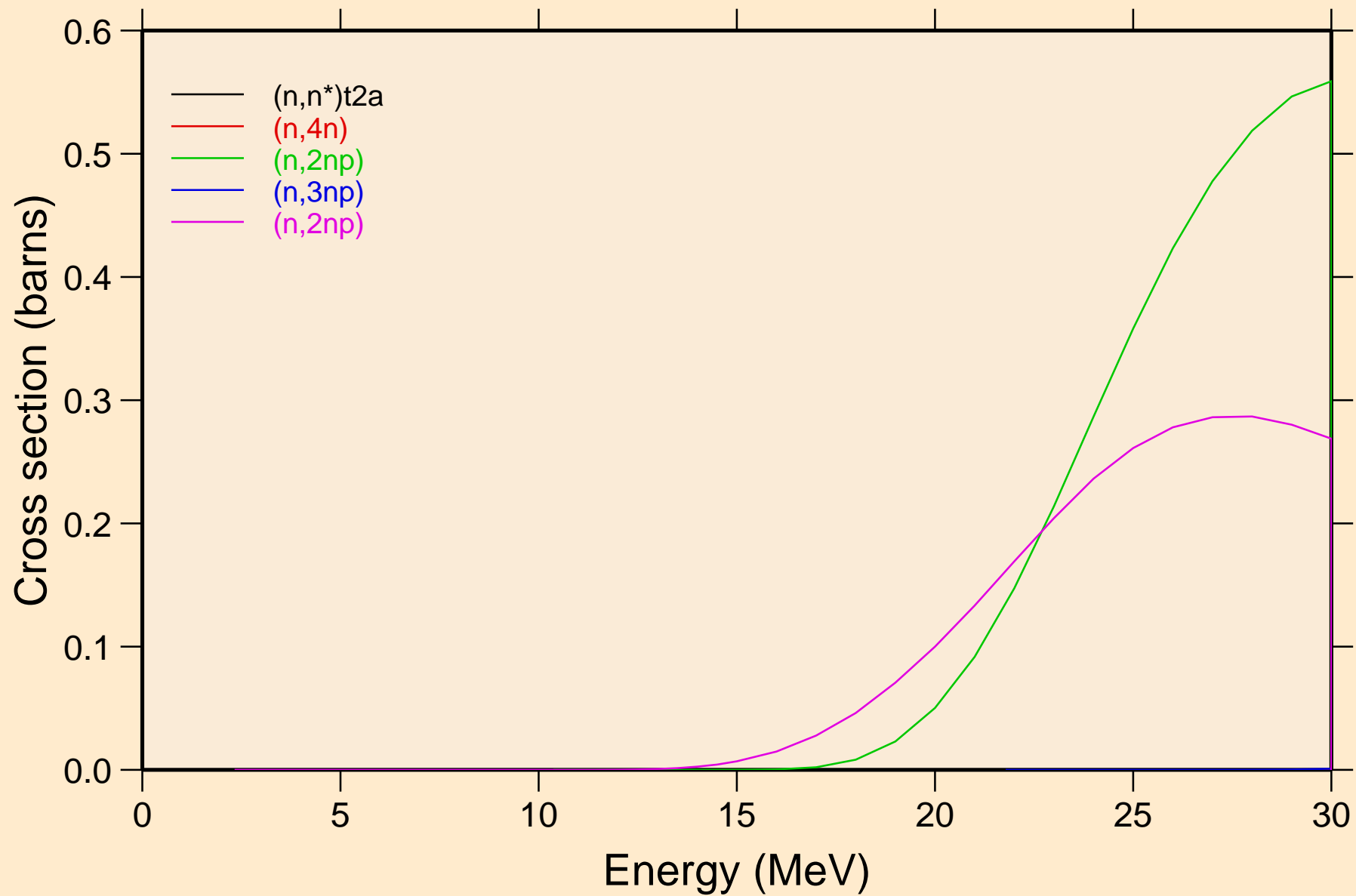
PB185 NRG TENDL-2015, AKONING  
Threshold reactions





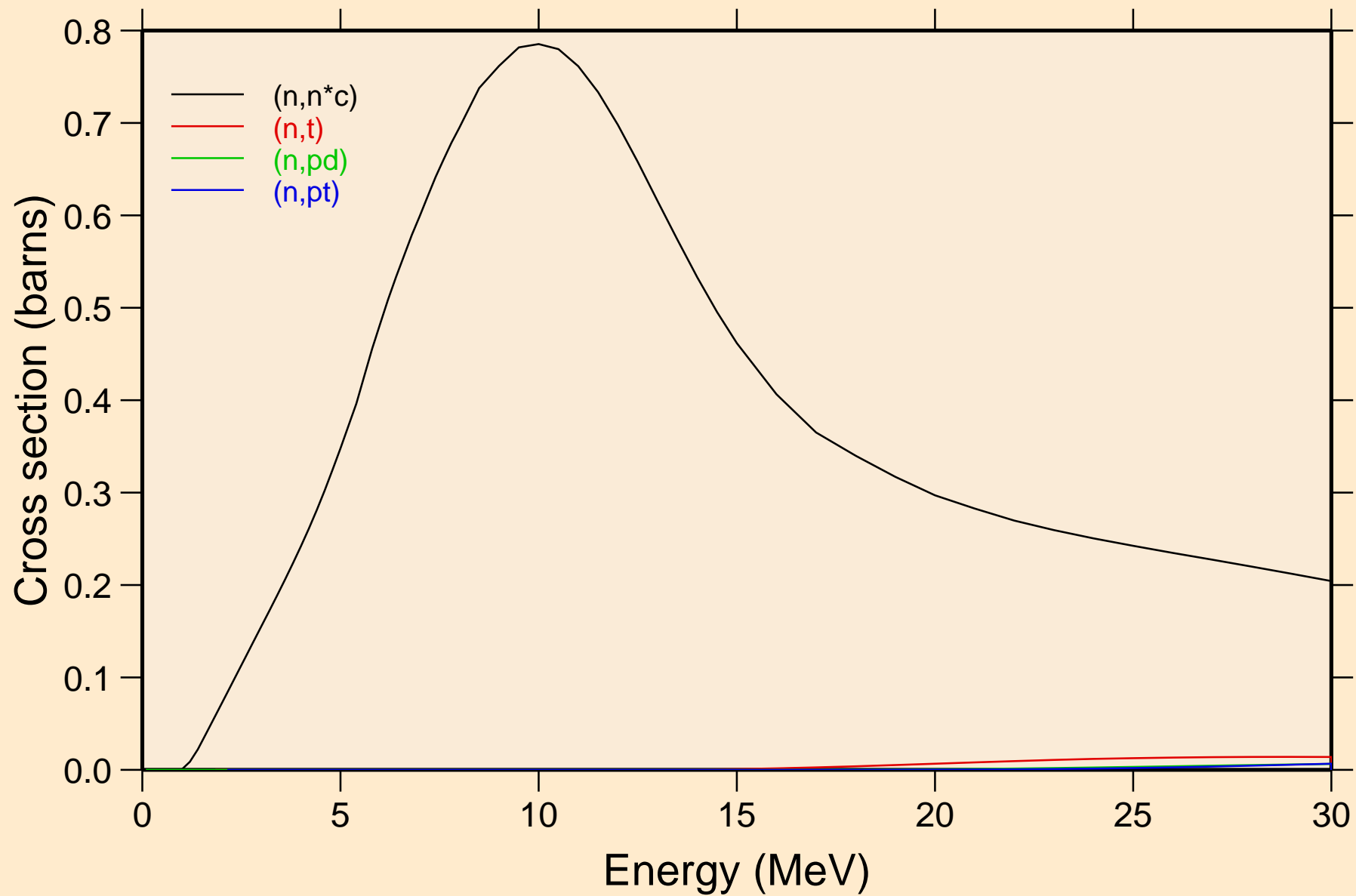
# PB185 NRG TENDL-2015, AKONING

## Threshold reactions

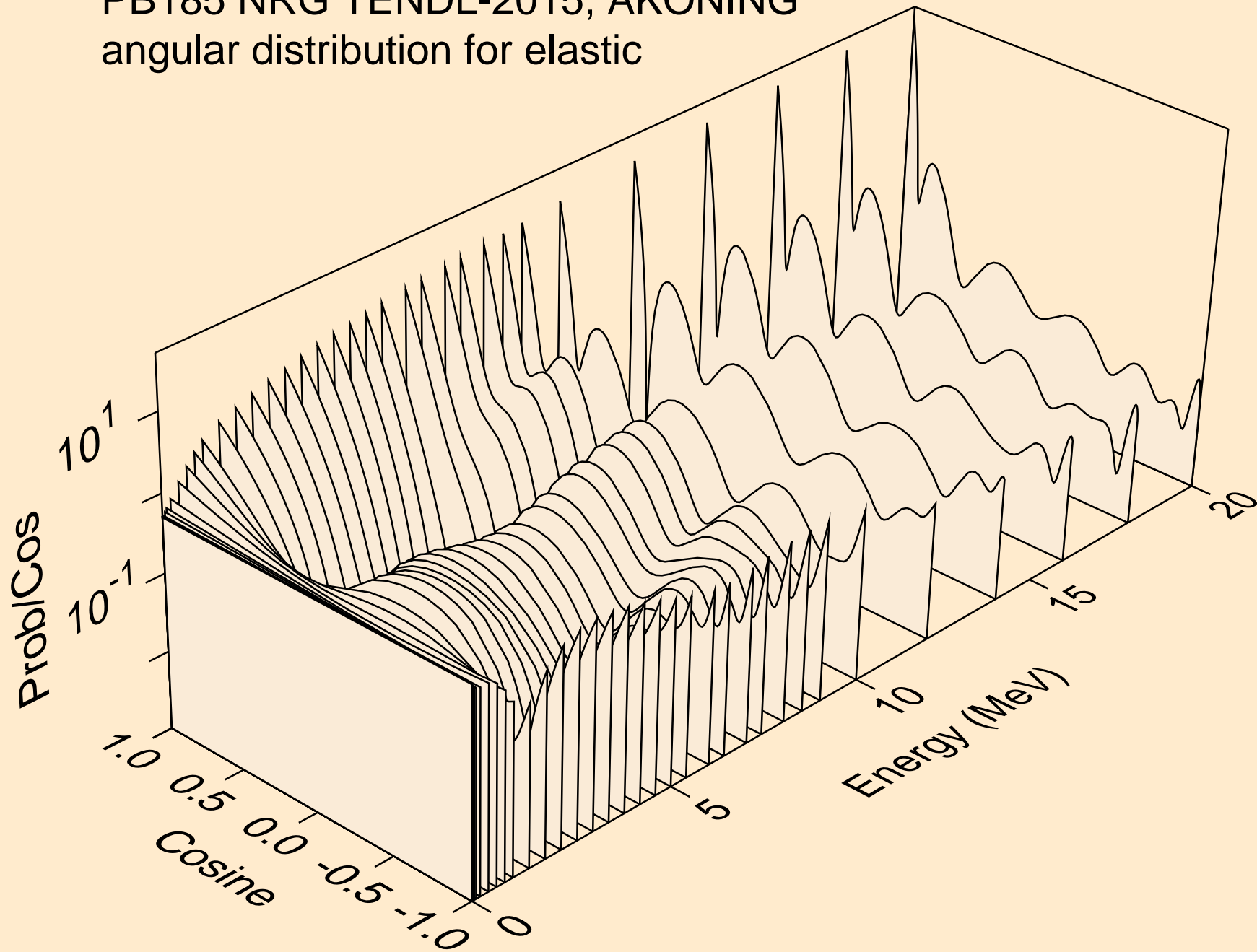


# PB185 NRG TENDL-2015, AKONING

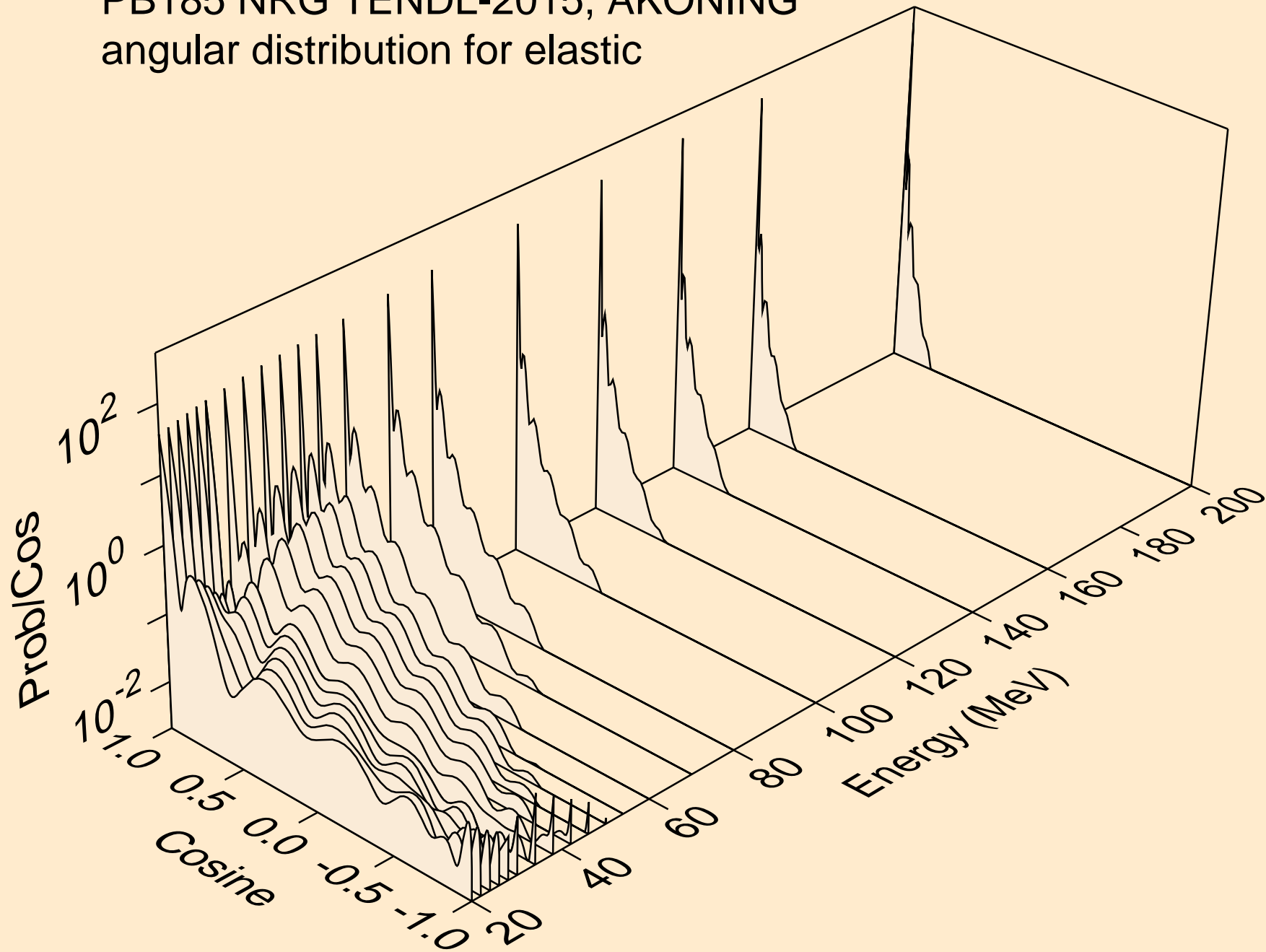
## Threshold reactions



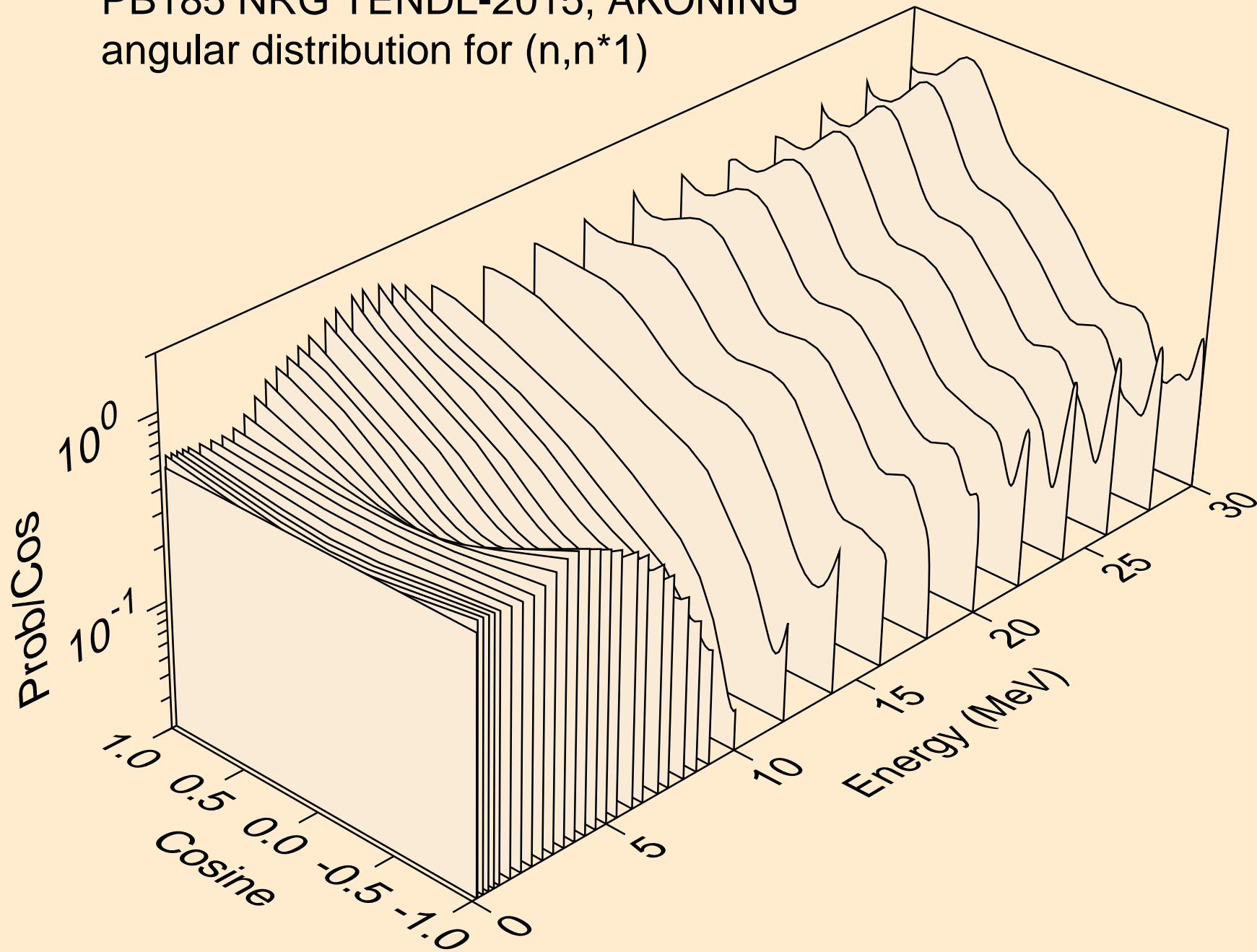
PB185 NRG TENDL-2015, AKONING  
angular distribution for elastic



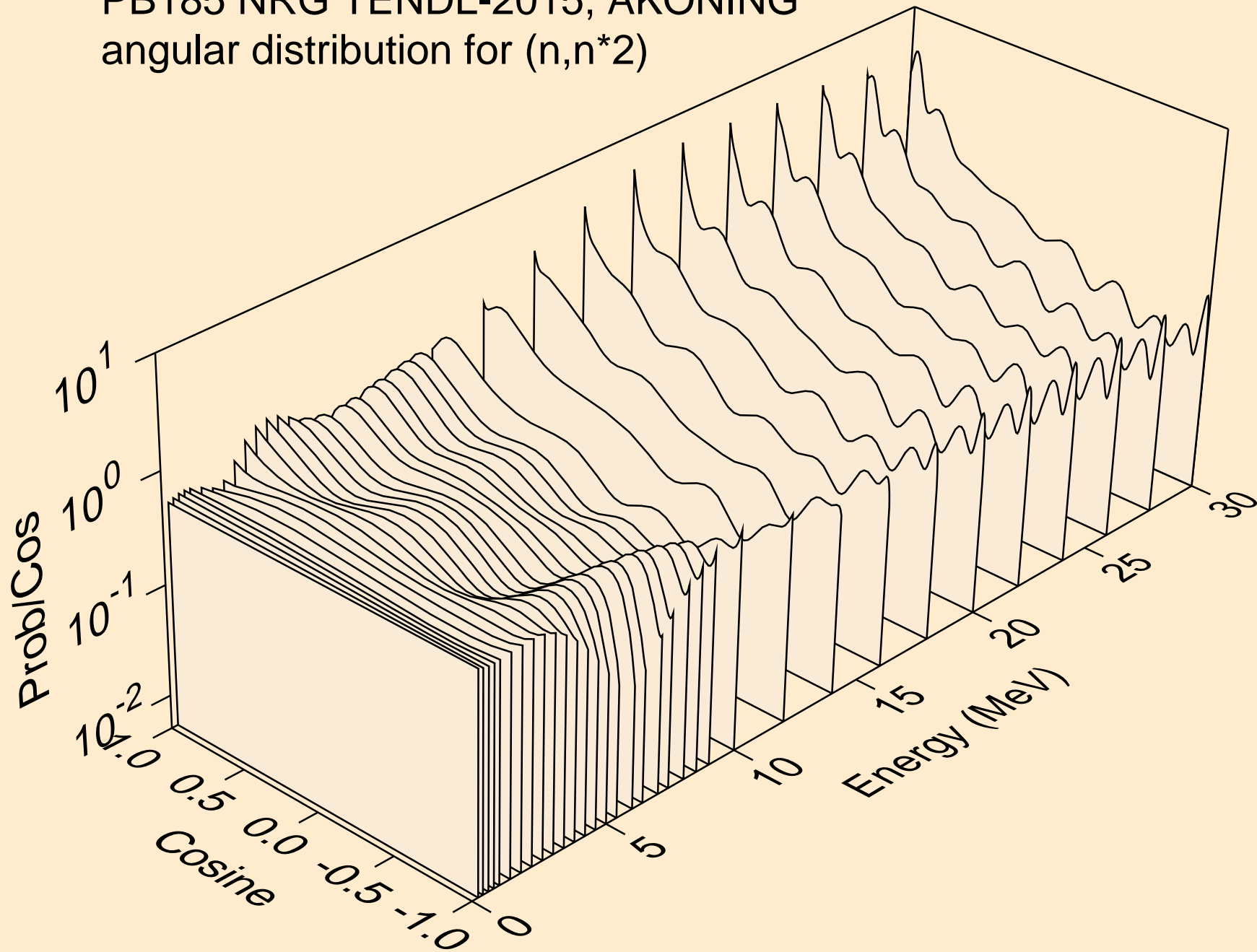
PB185 NRG TENDL-2015, AKONING  
angular distribution for elastic



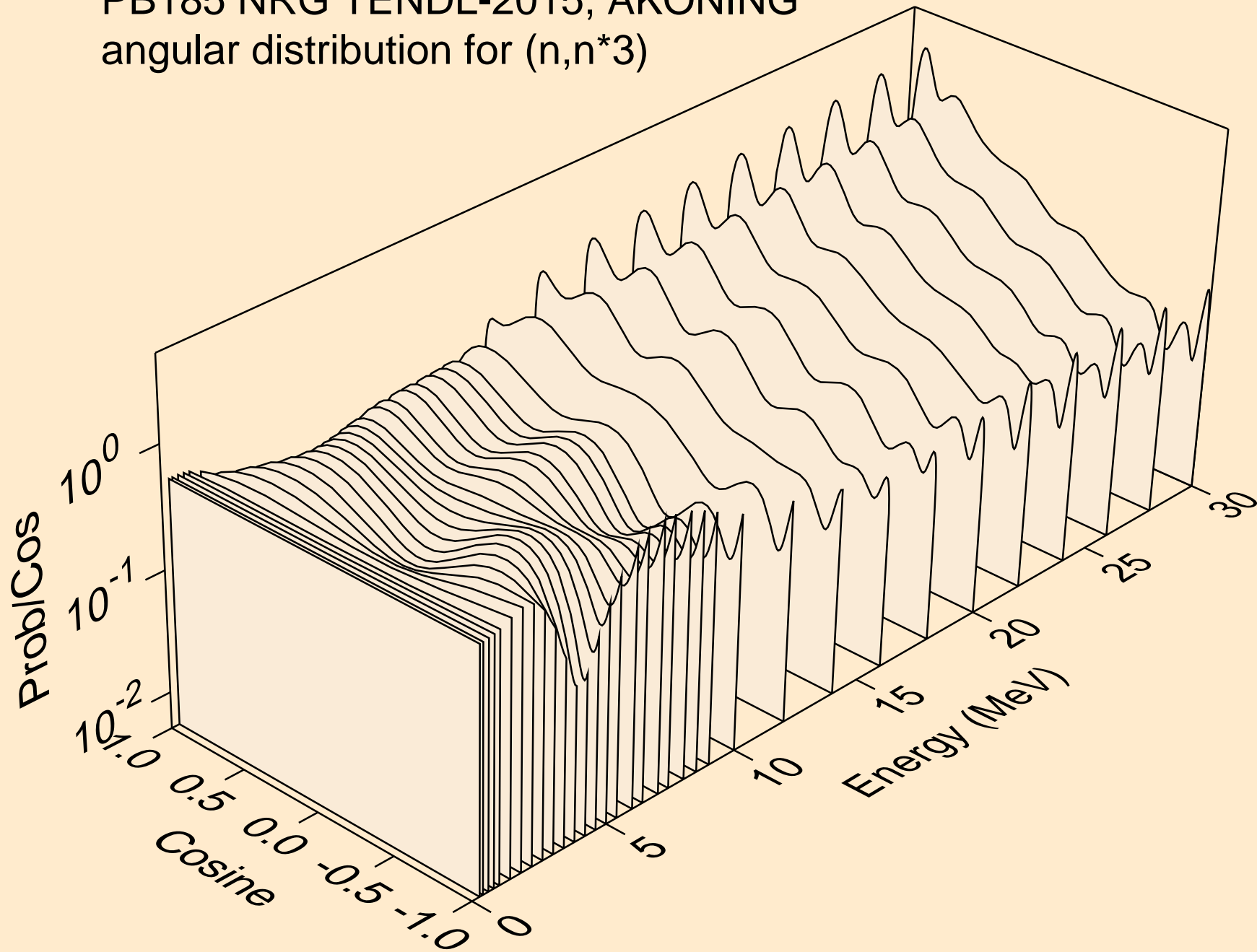
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



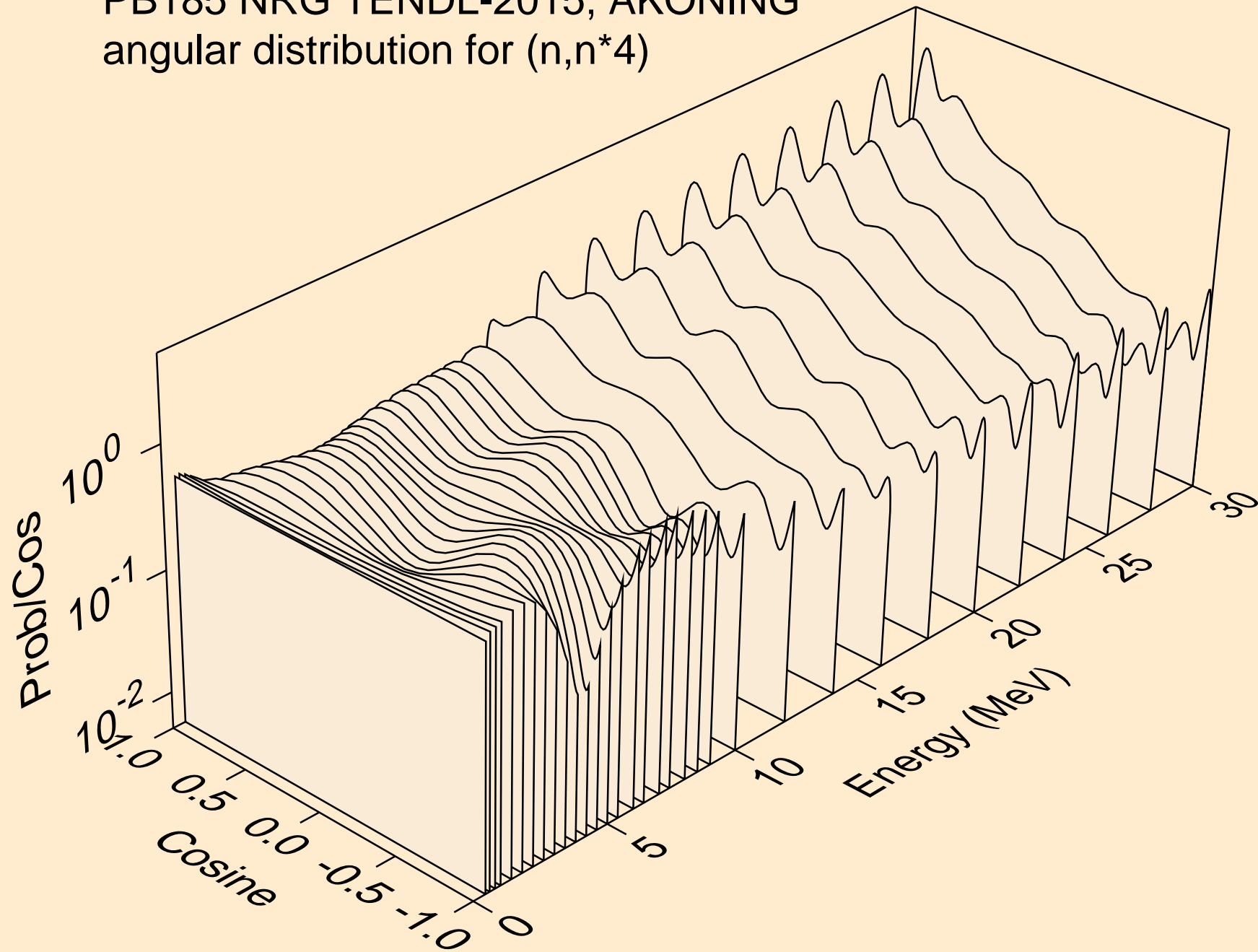
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

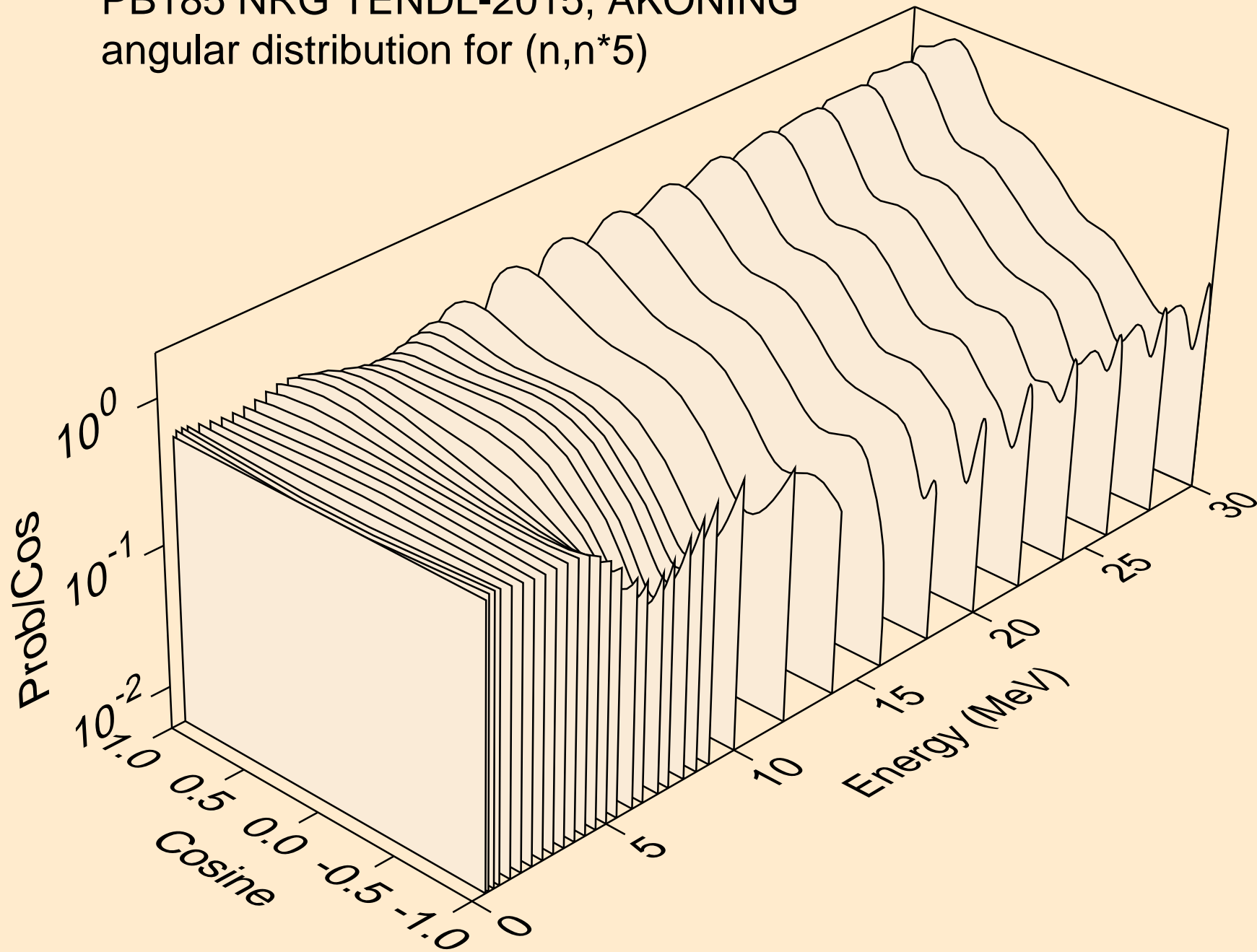


PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

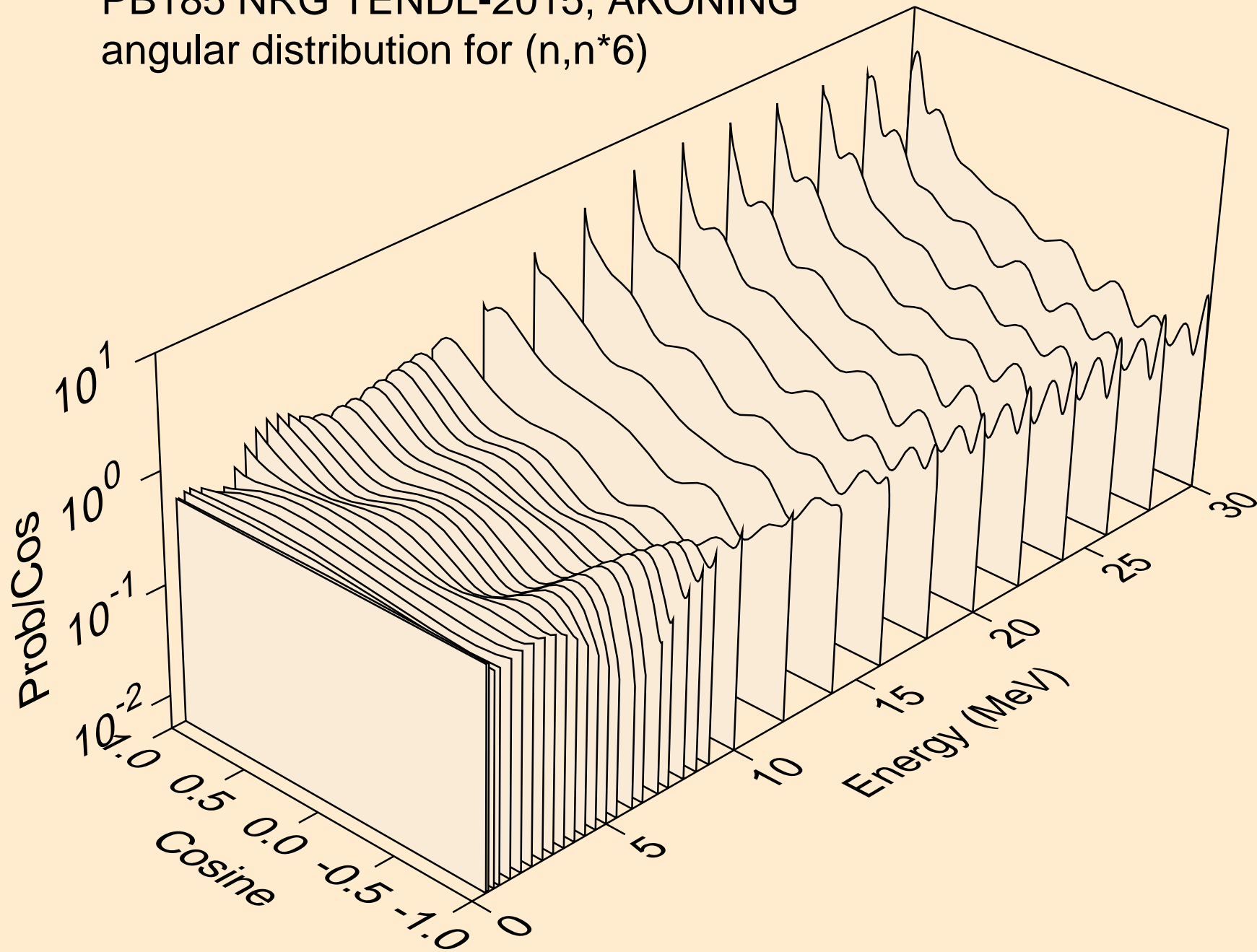




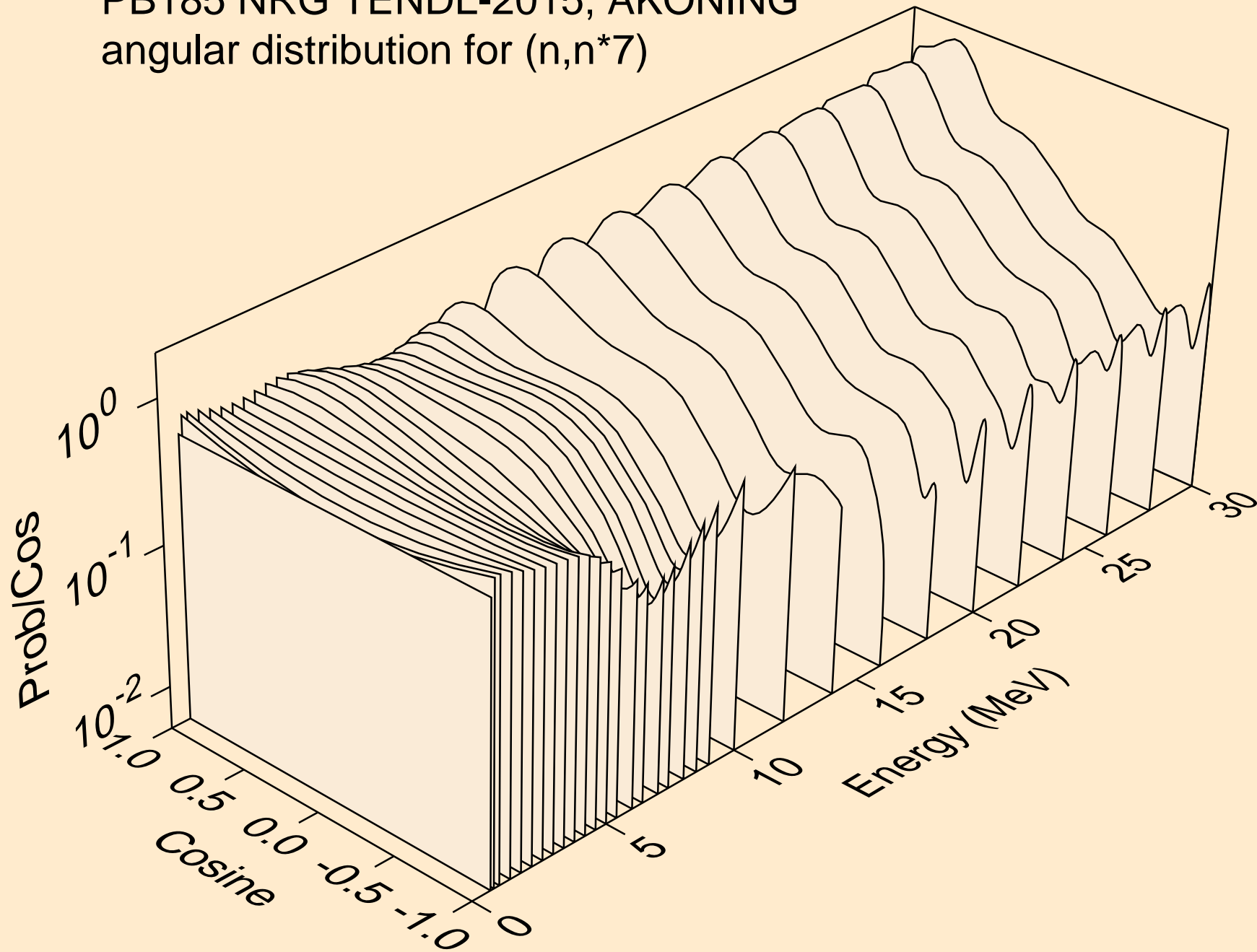
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



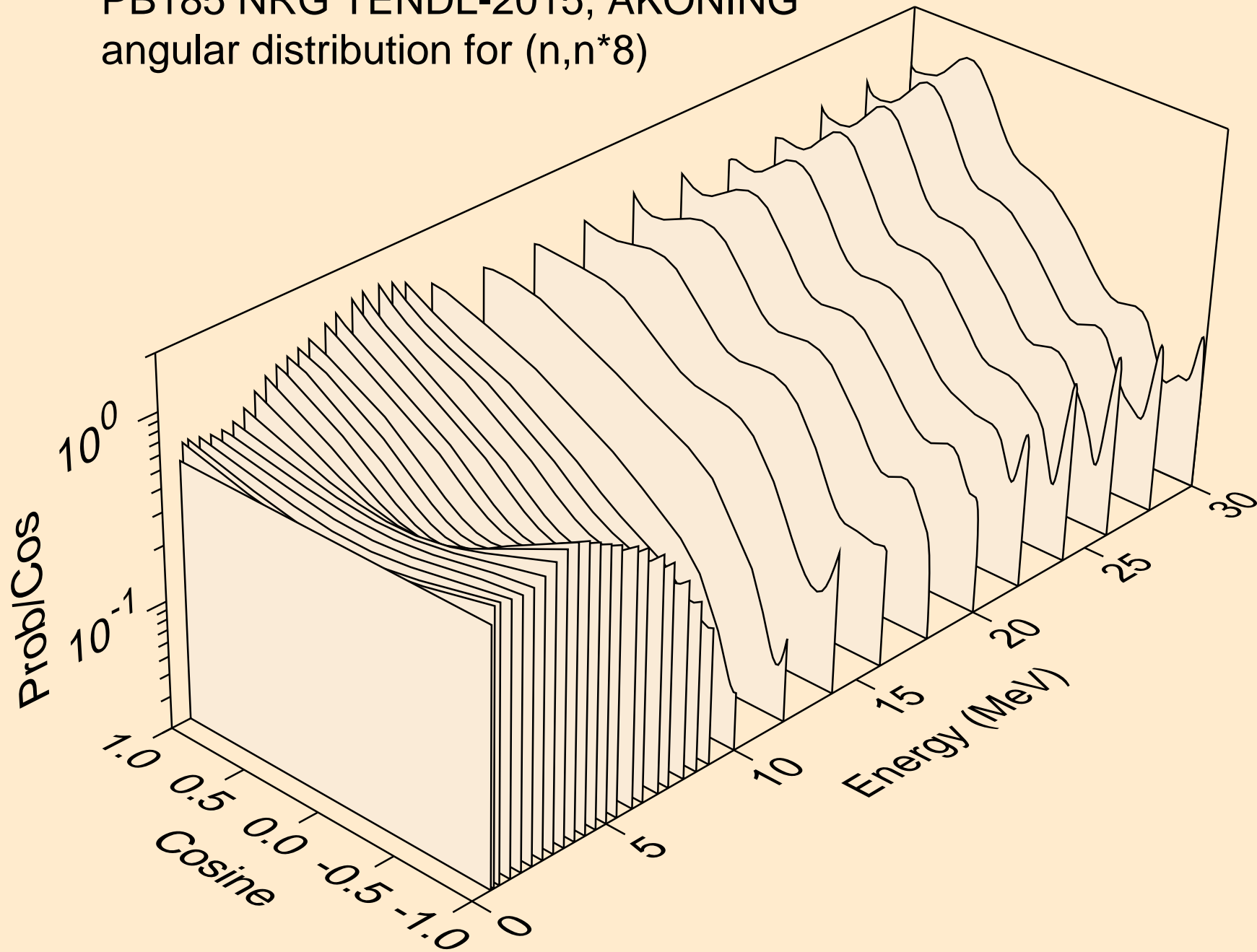
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



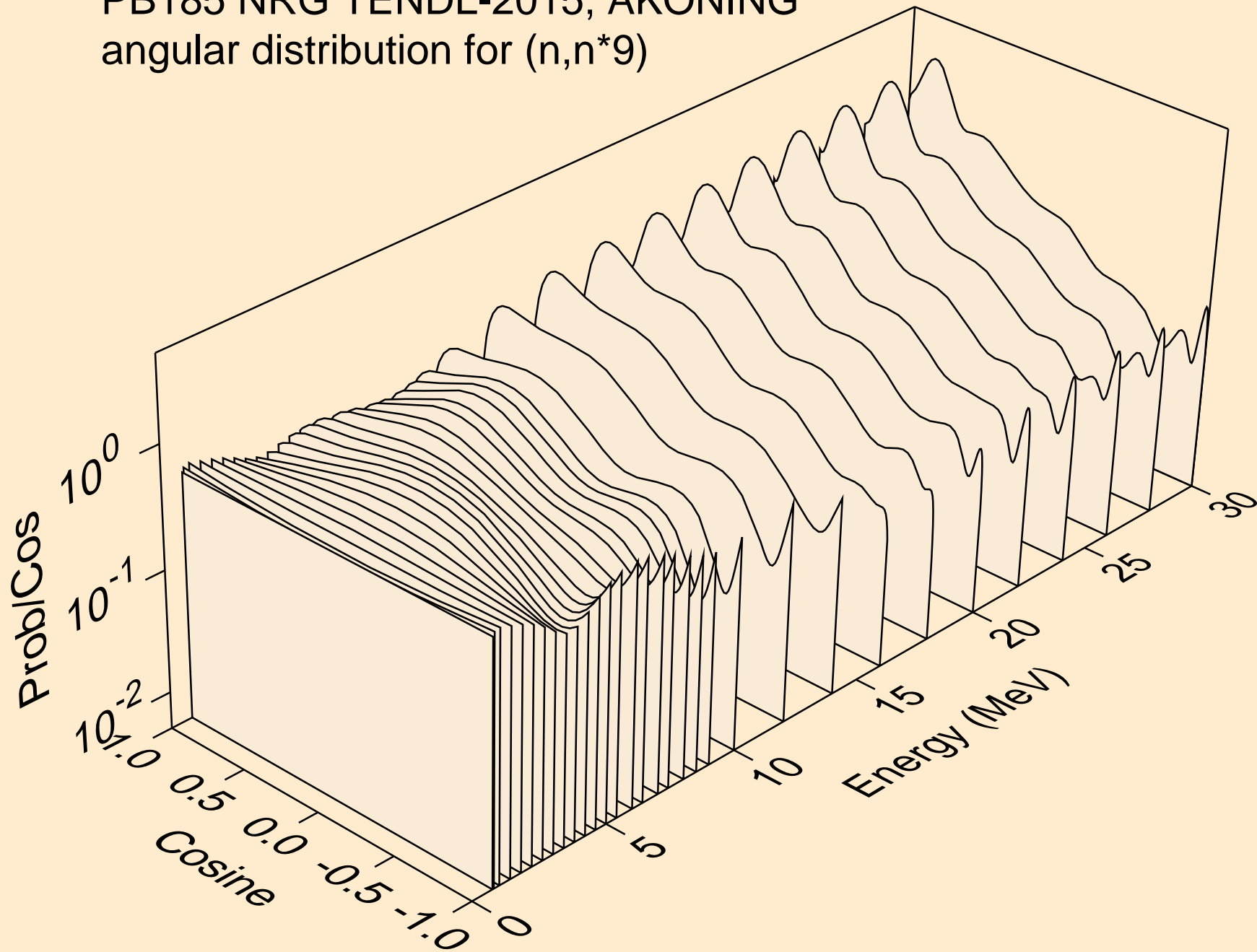
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



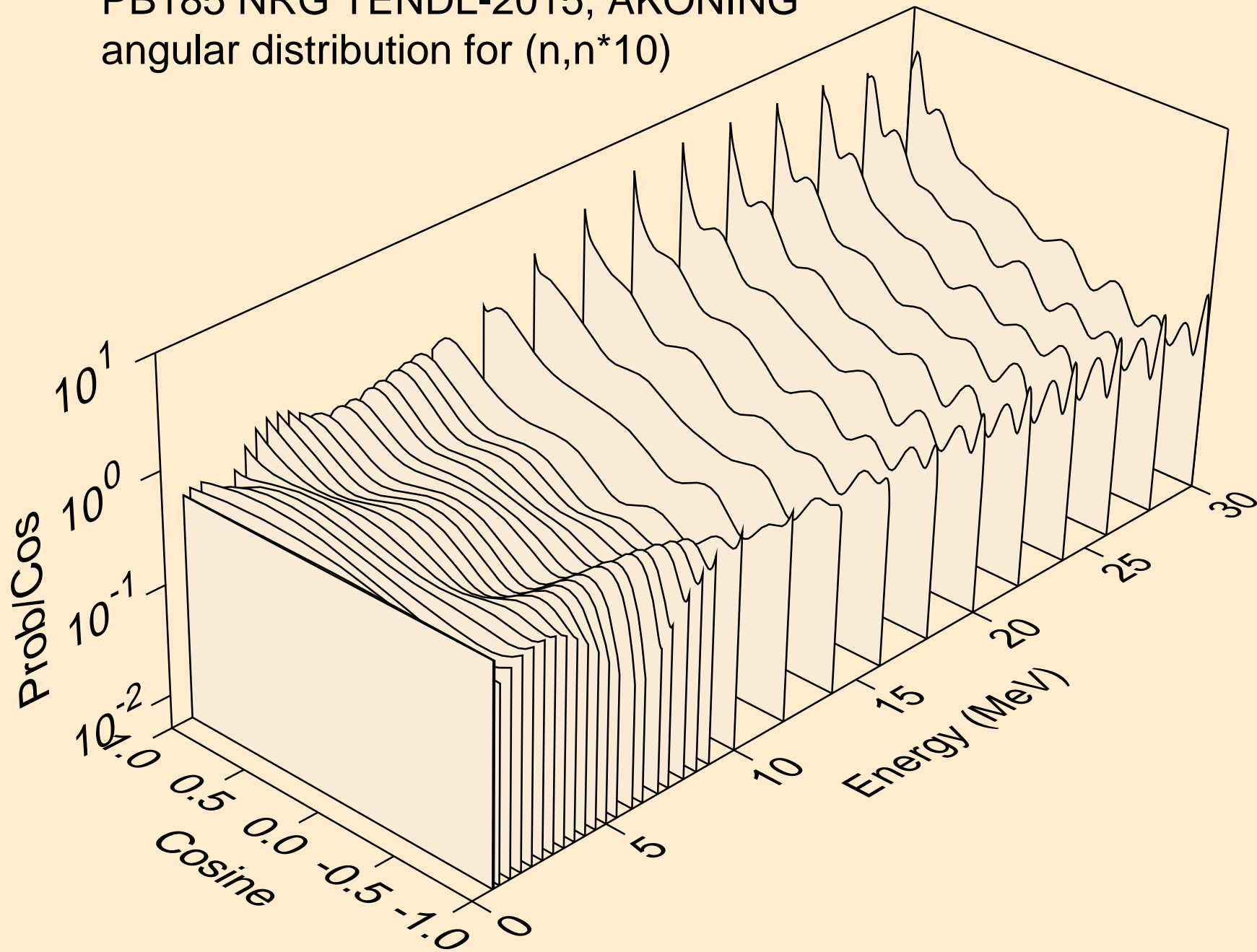
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



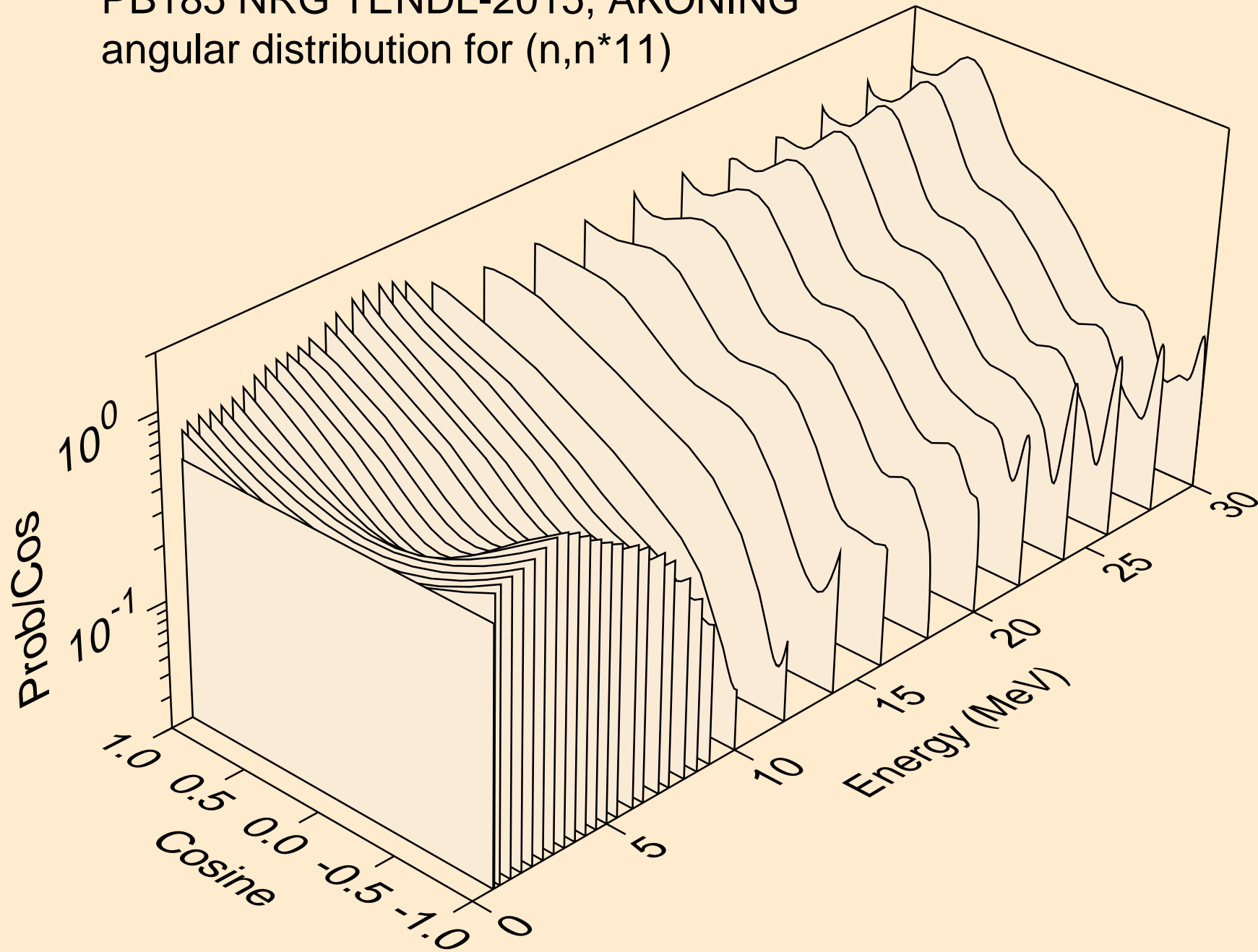
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



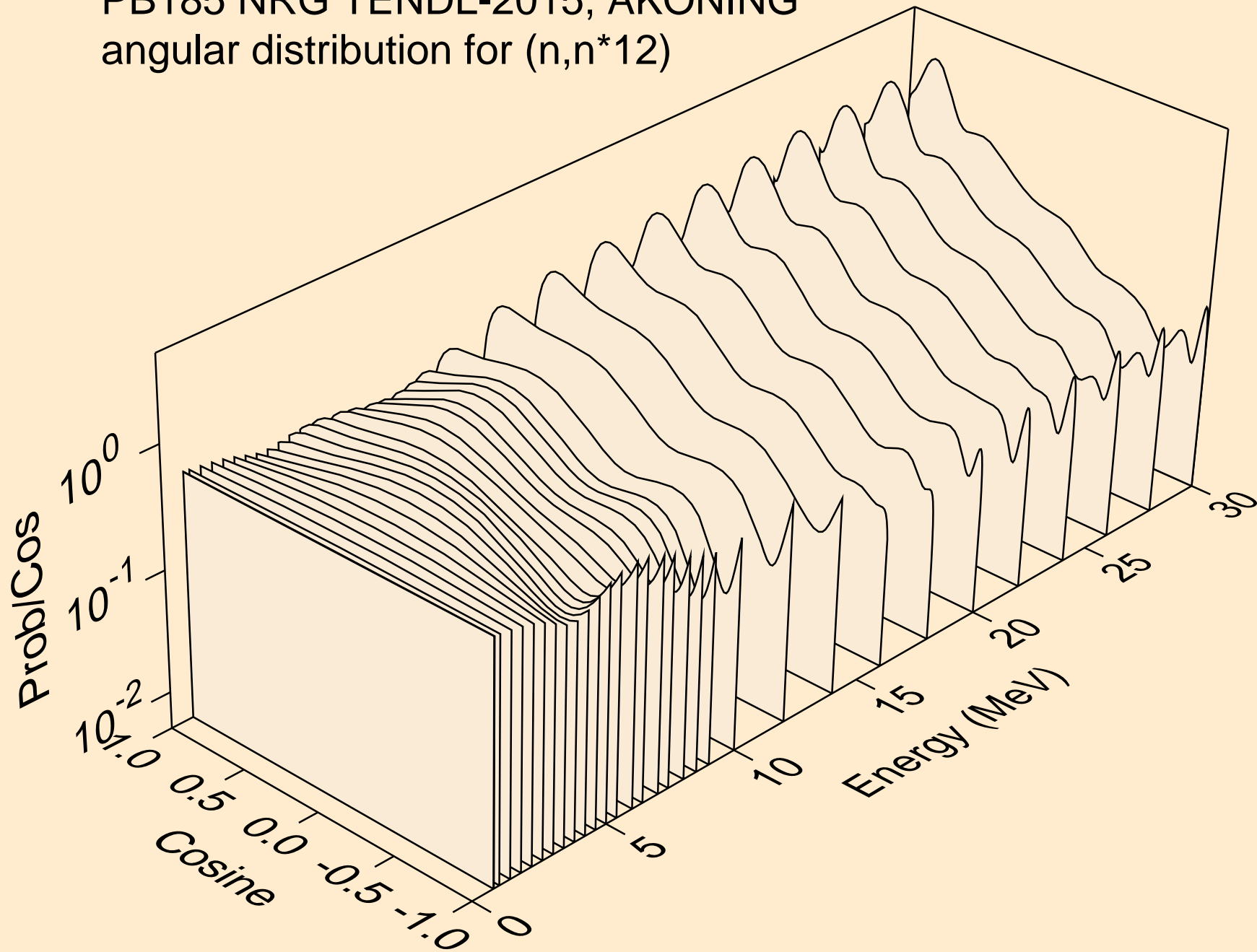
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

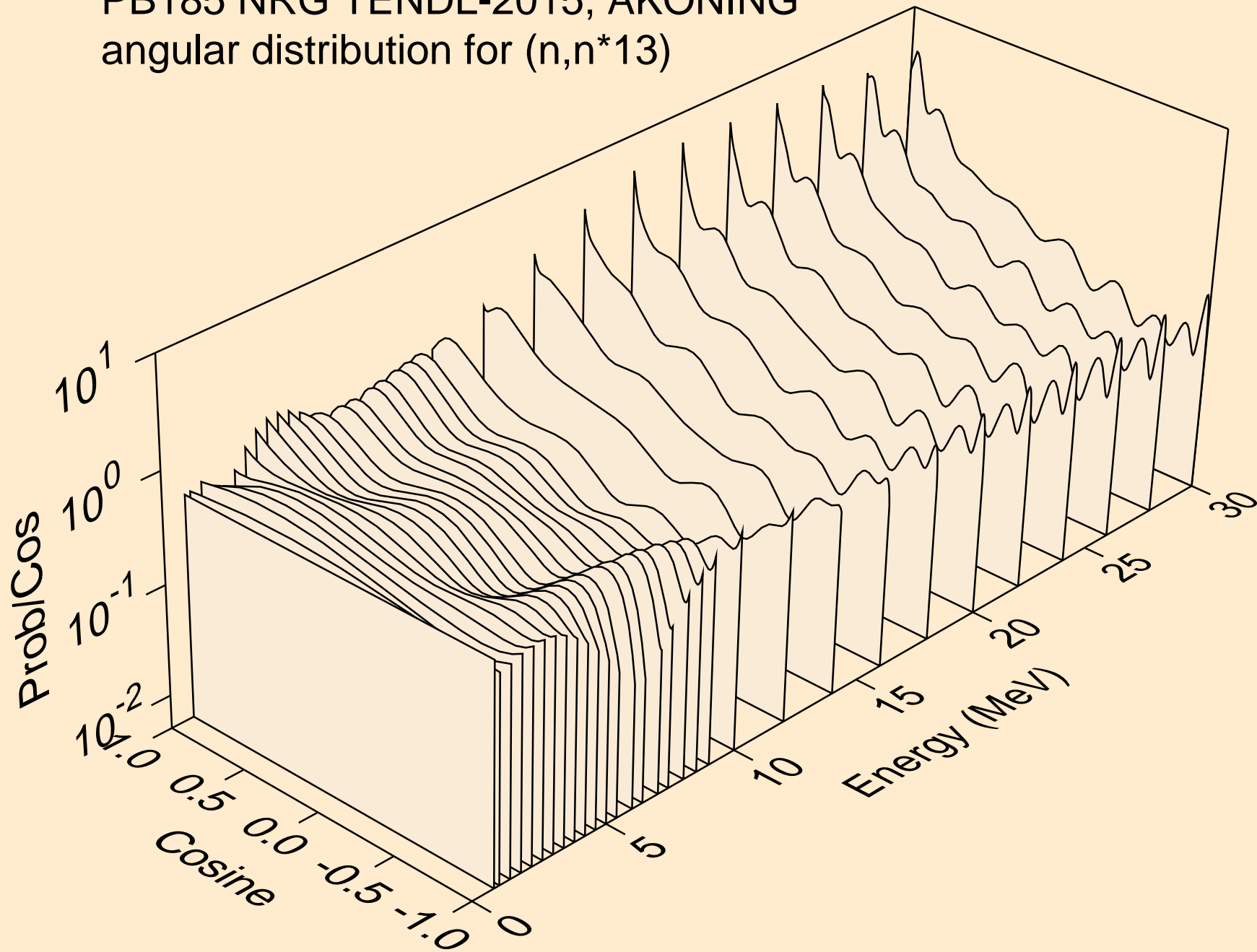


PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

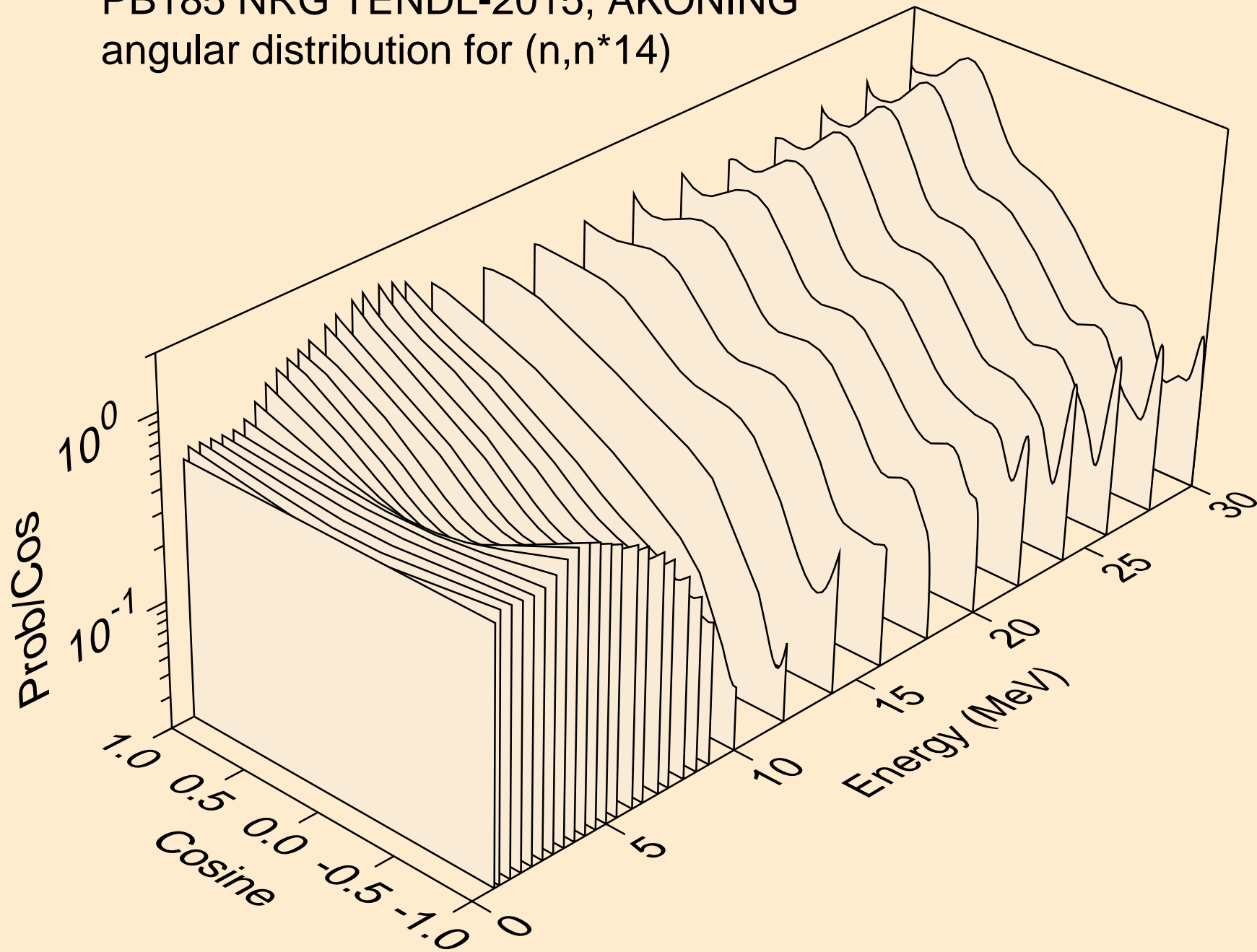




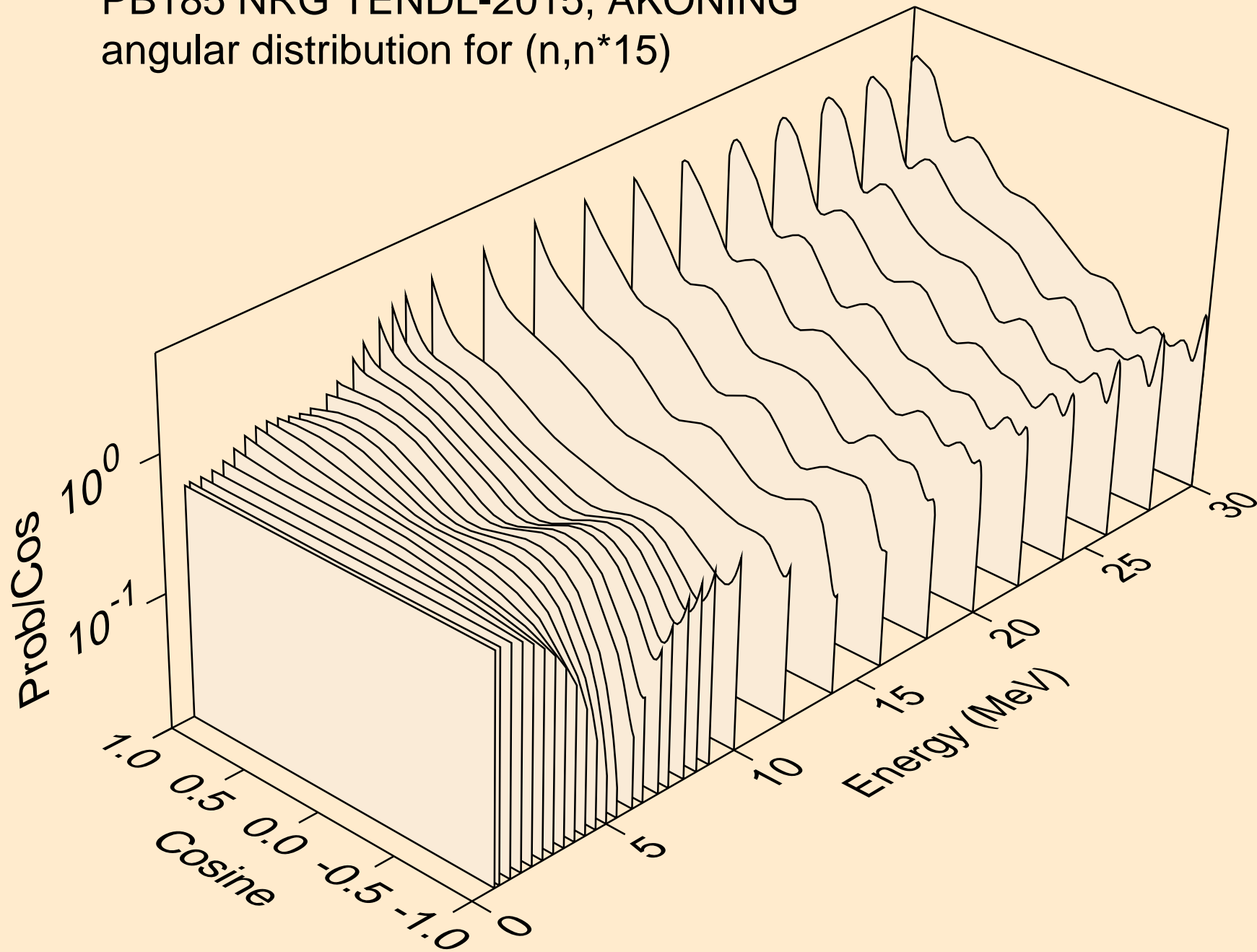
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angular distribution for (n,n\*13)



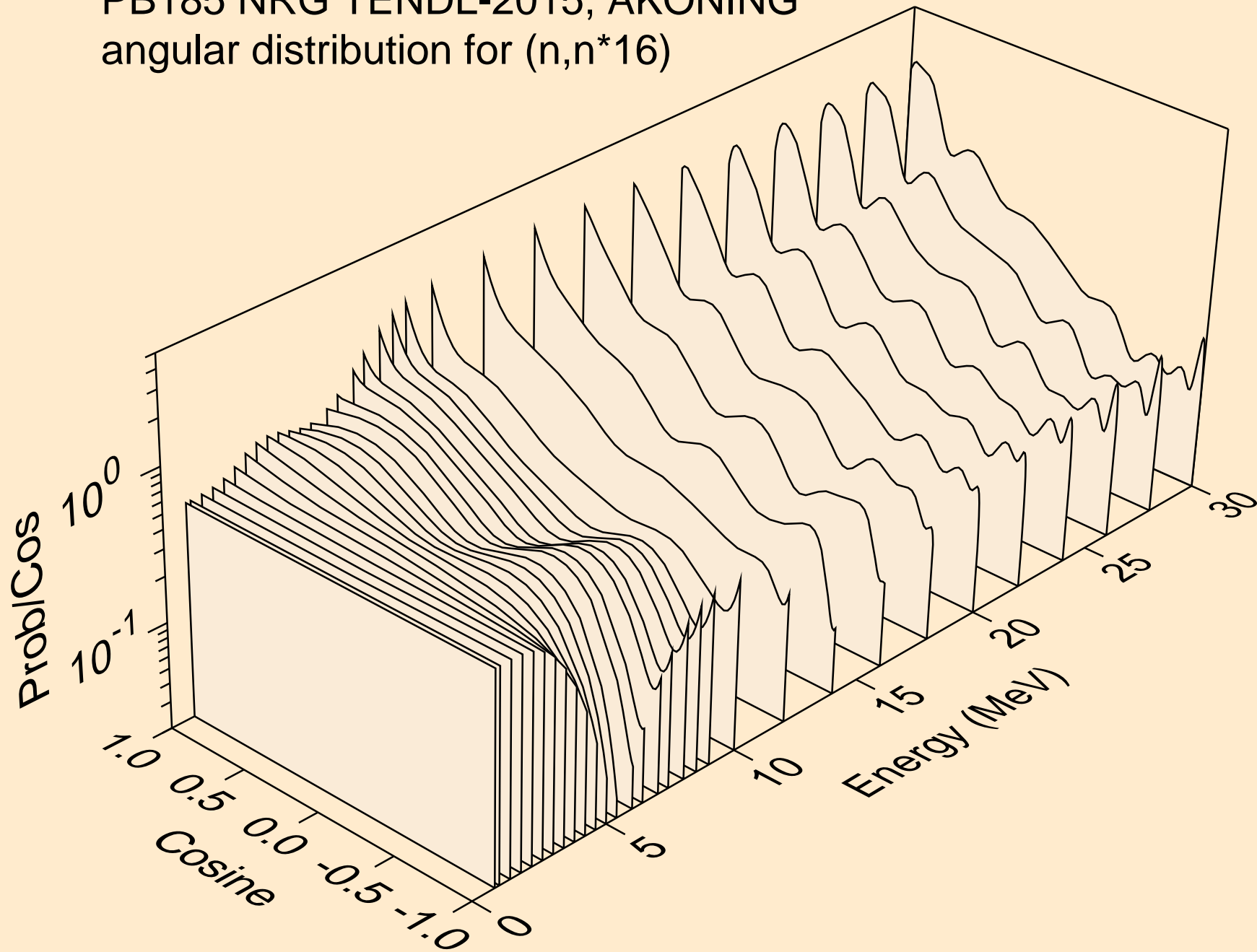
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



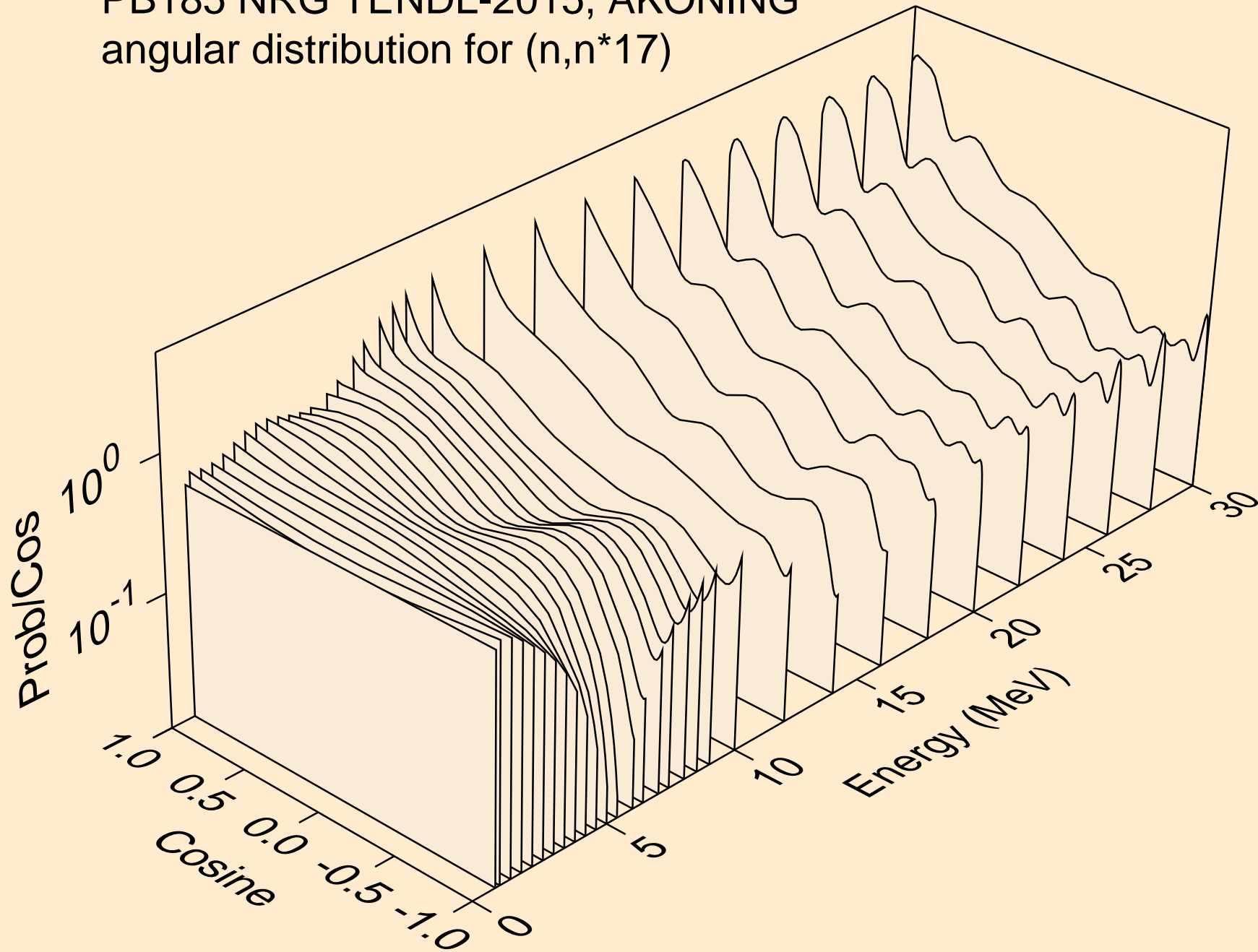
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



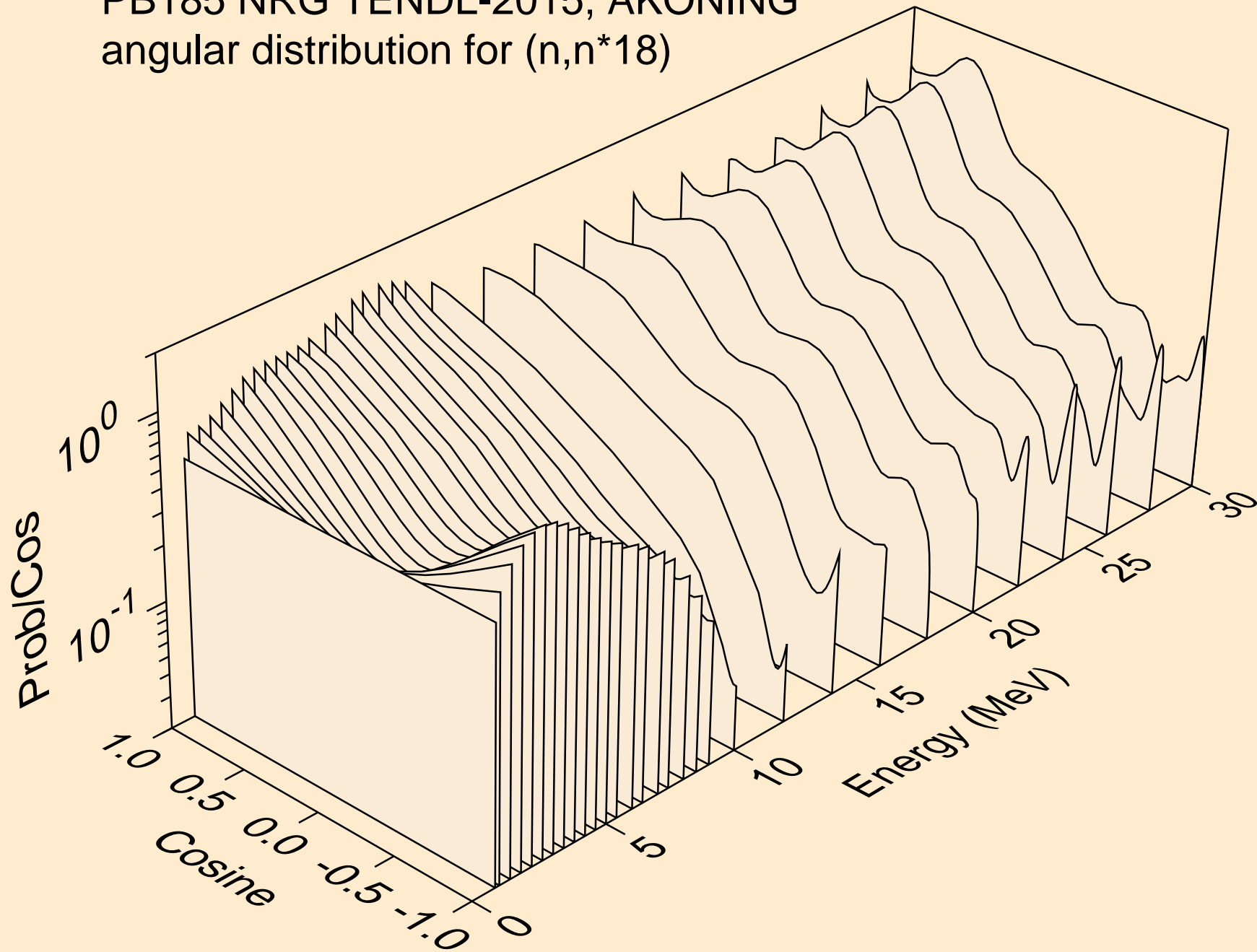
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angular distribution for (n,n\*16)



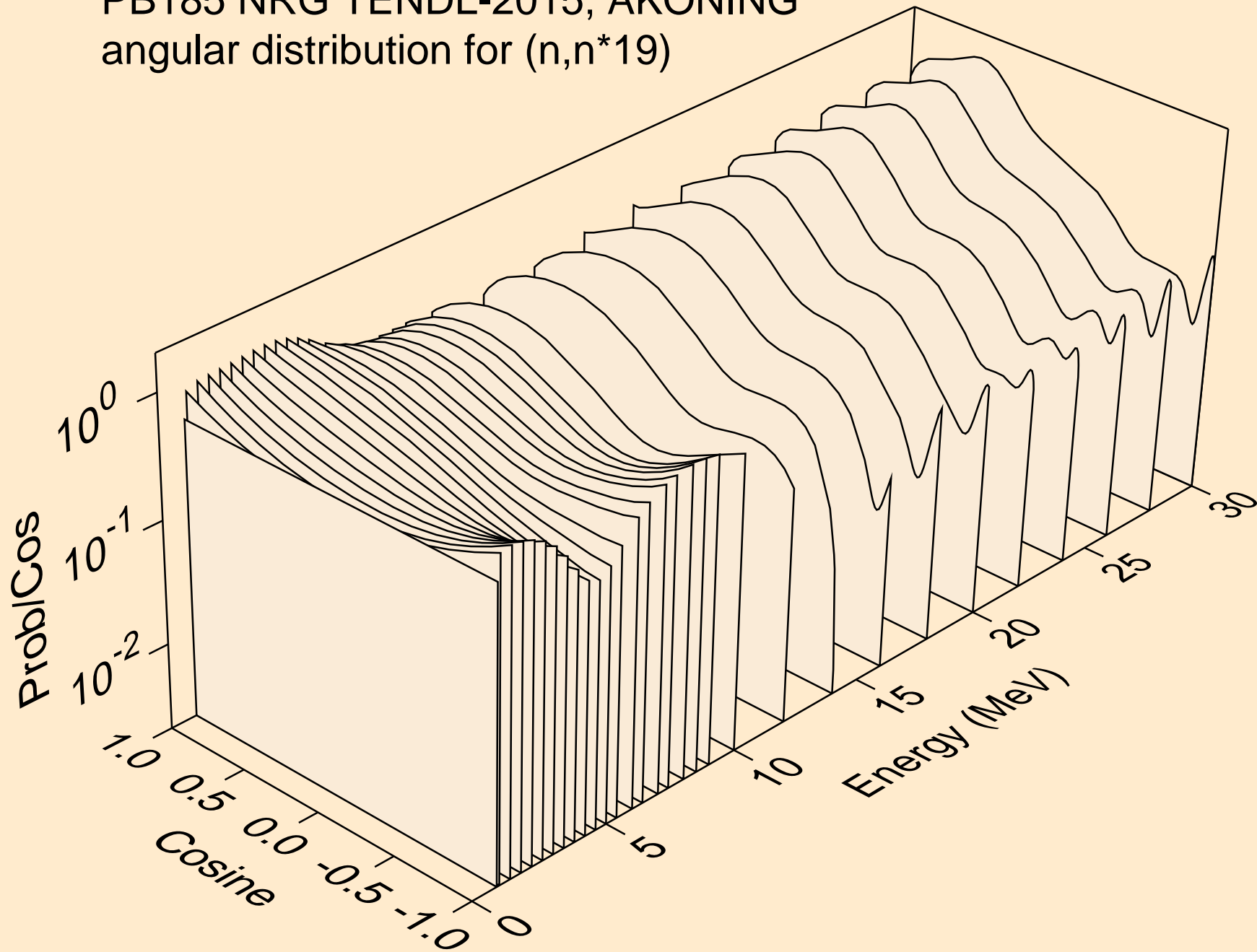
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



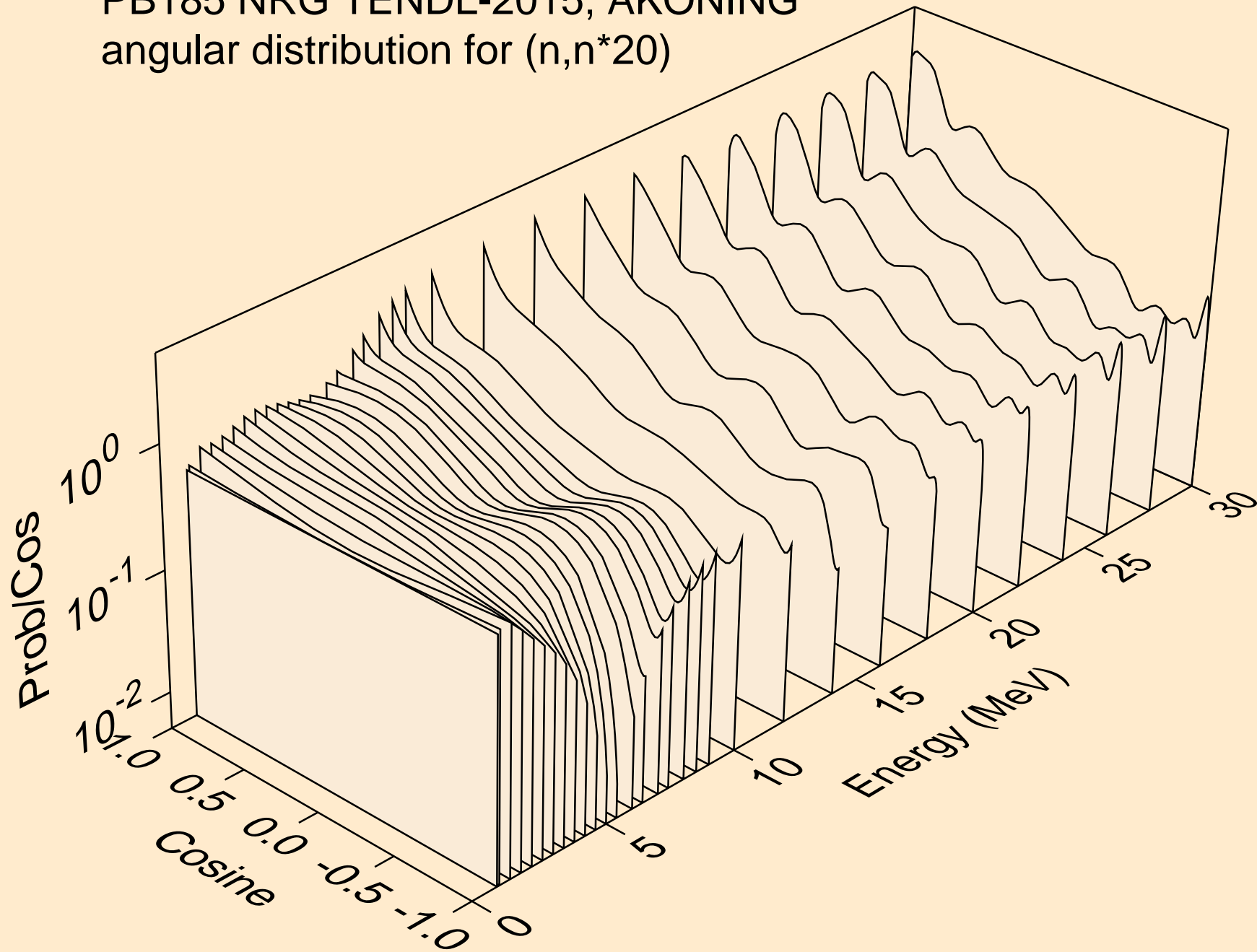
PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

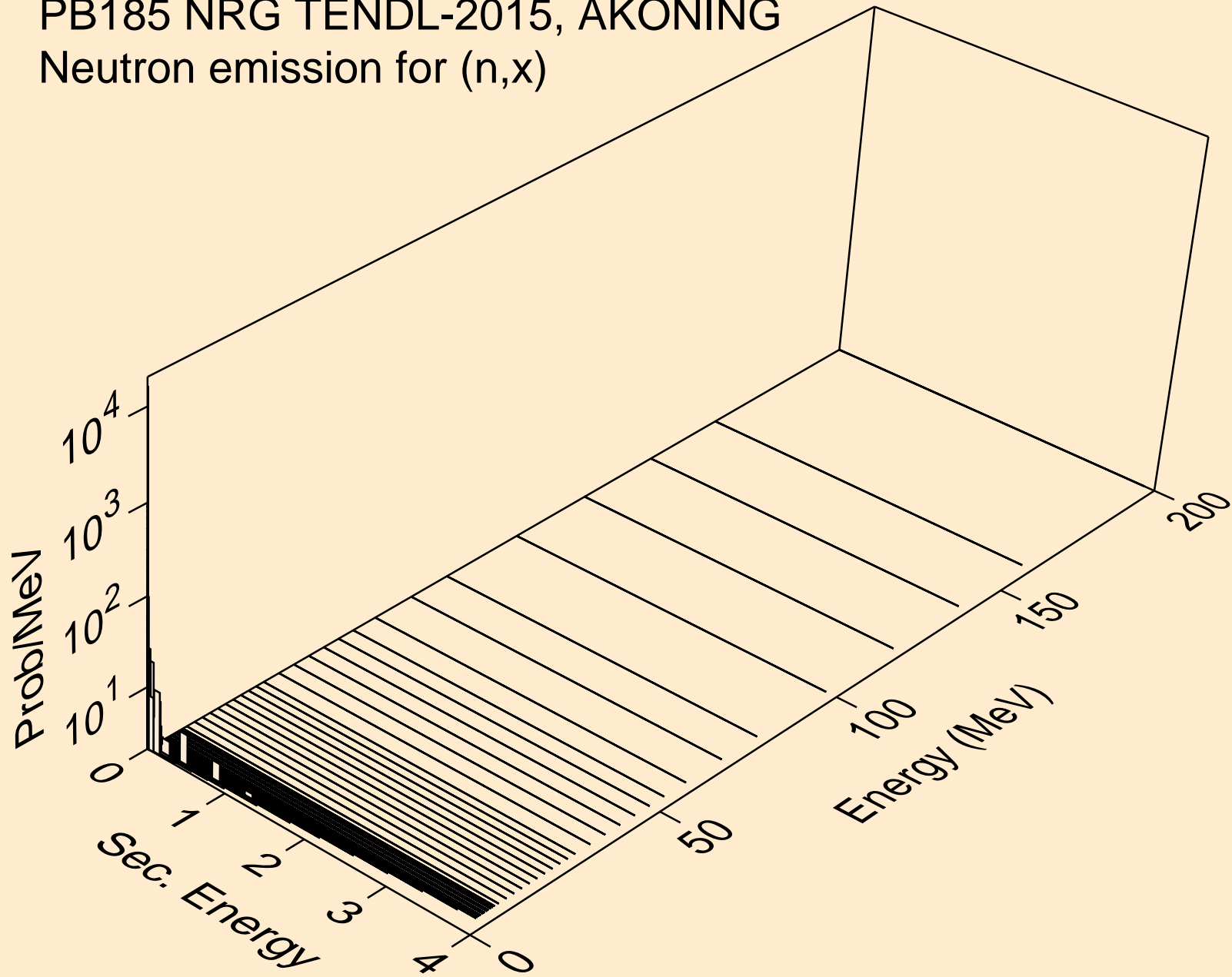


PB185 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

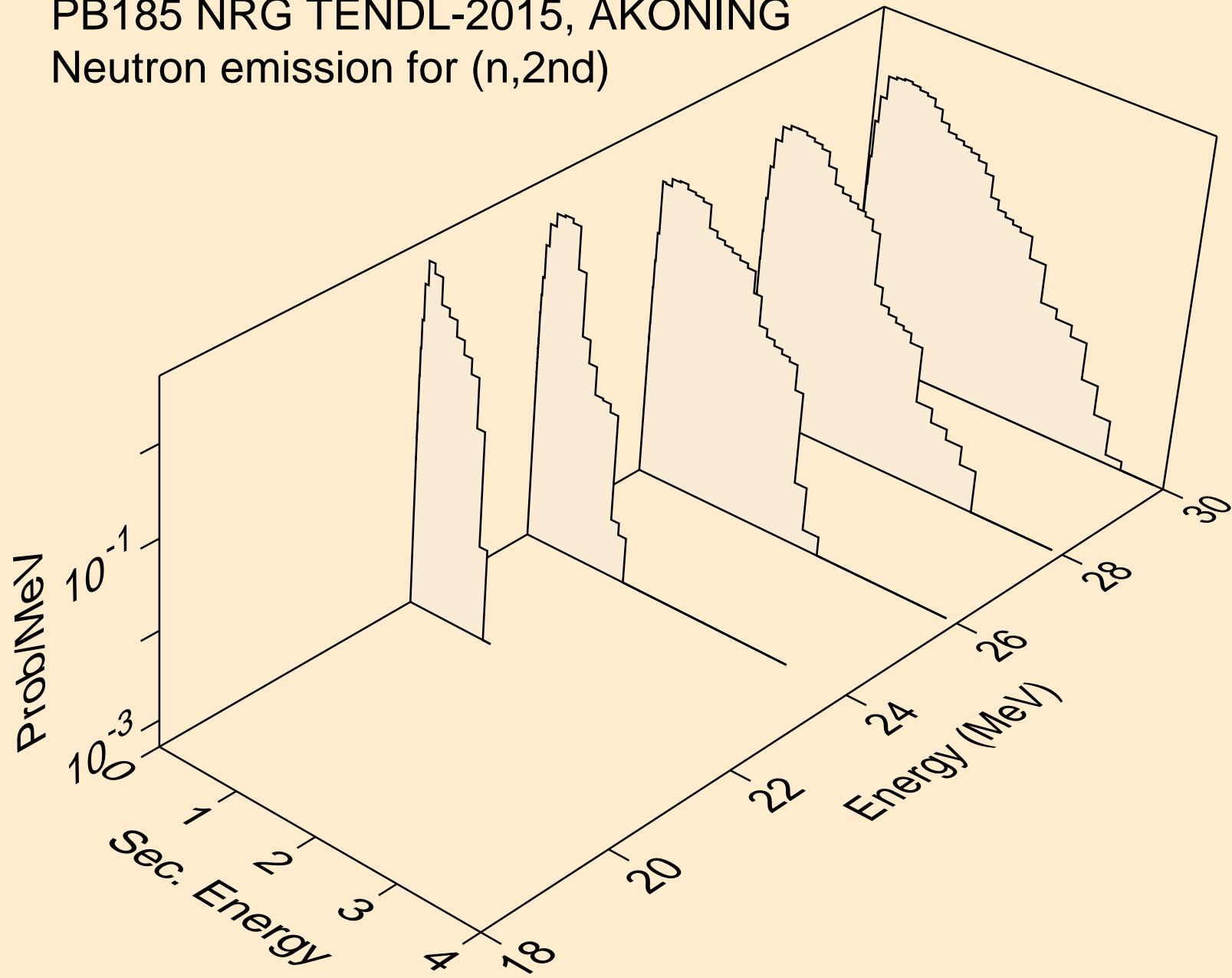




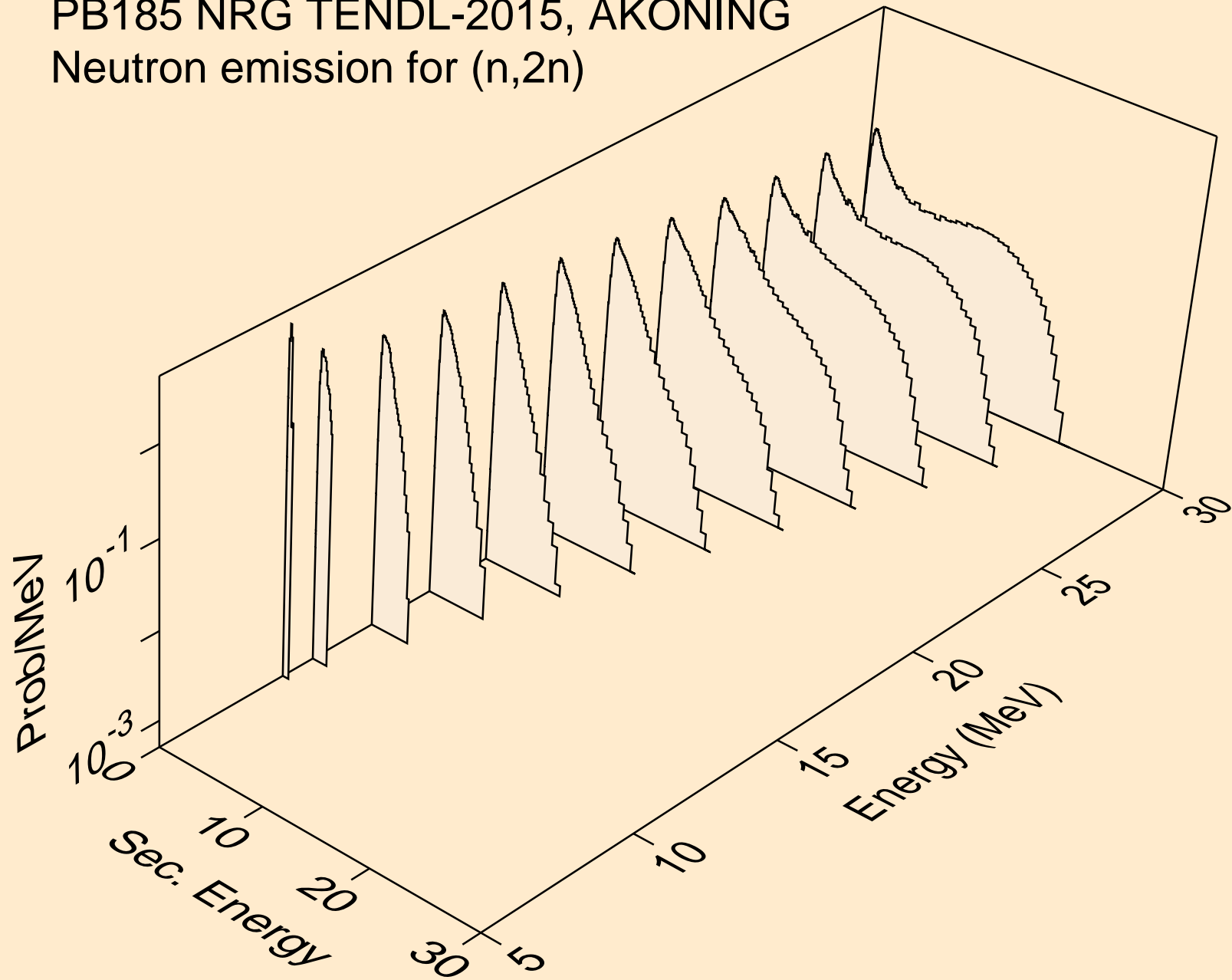
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



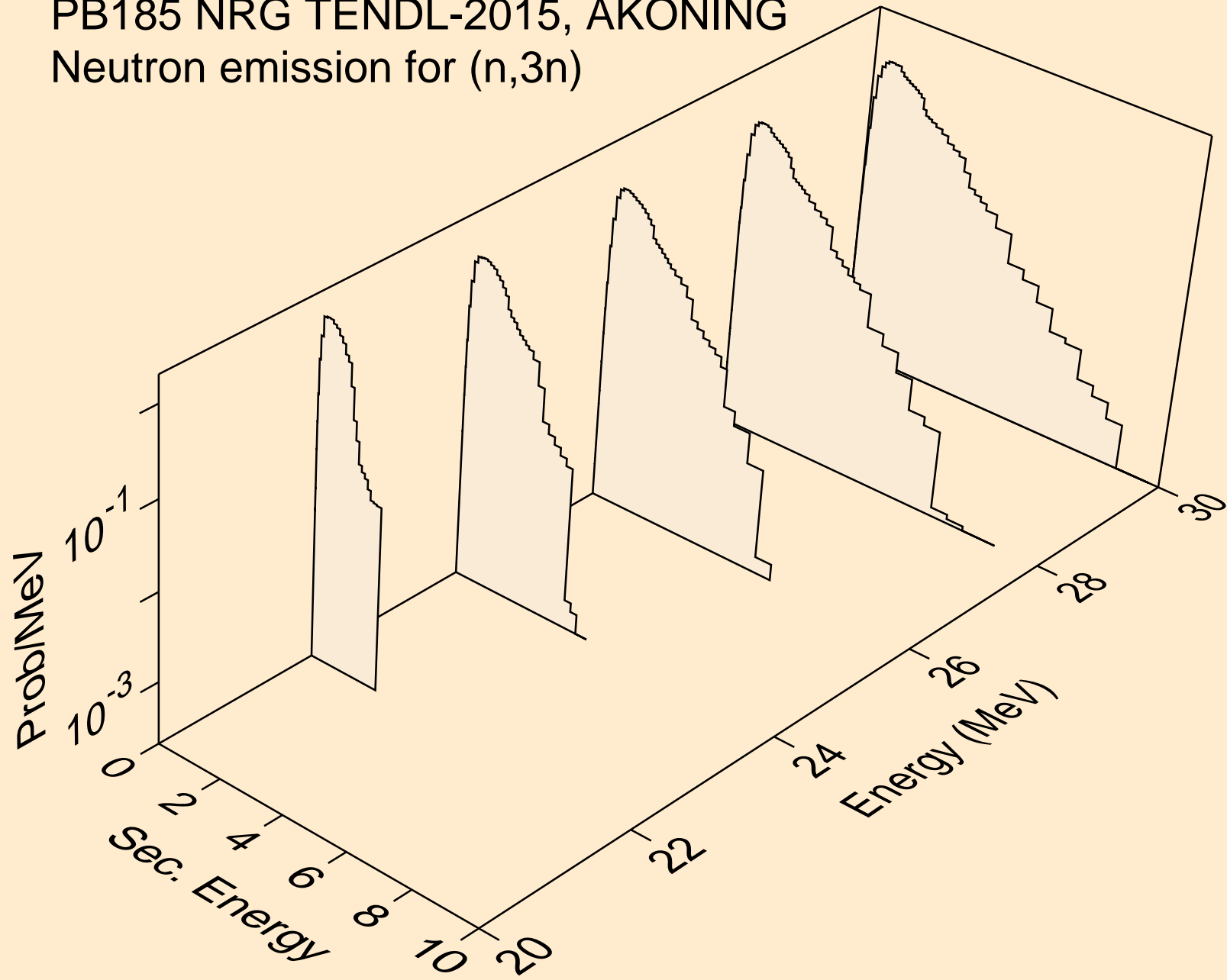
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



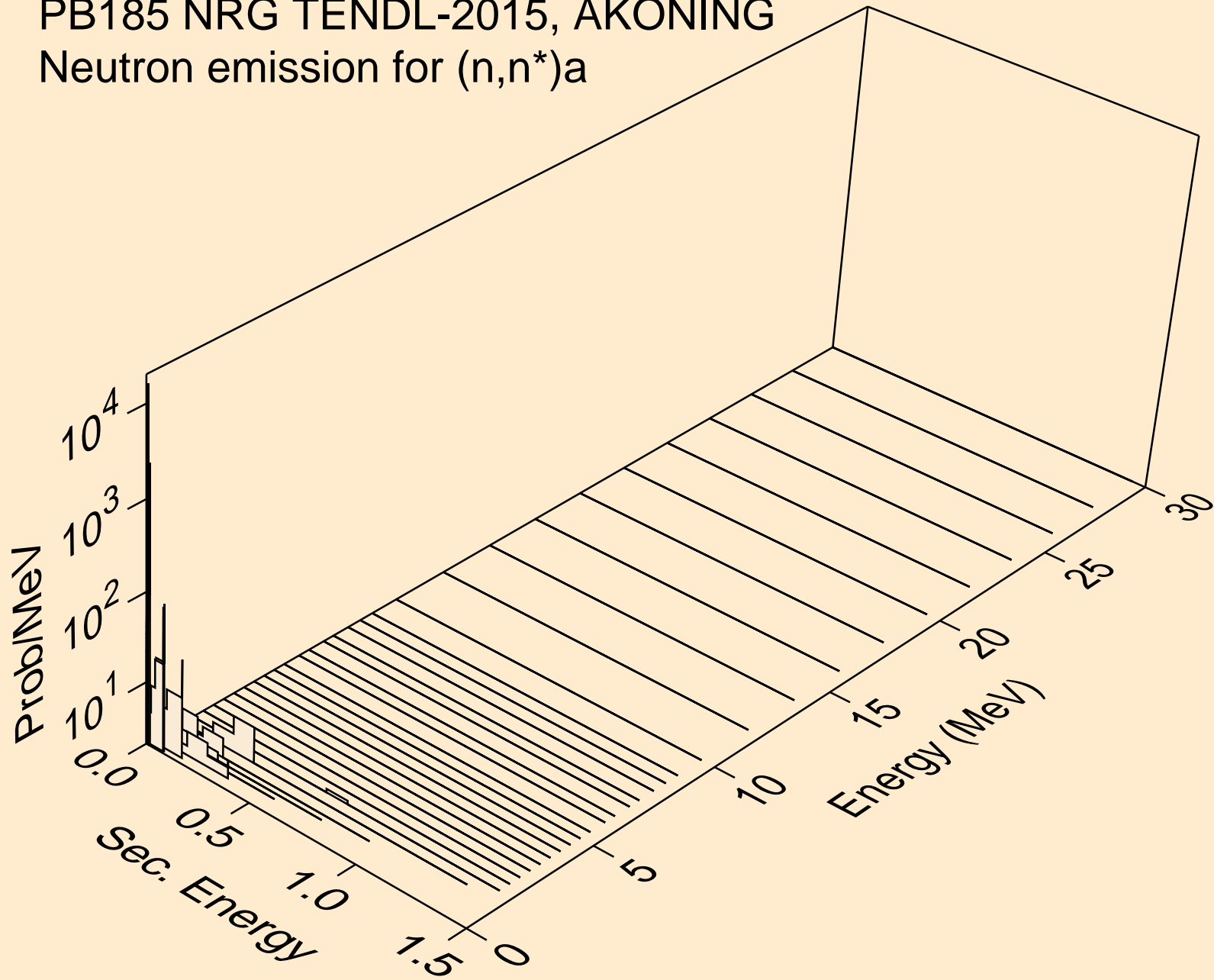
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



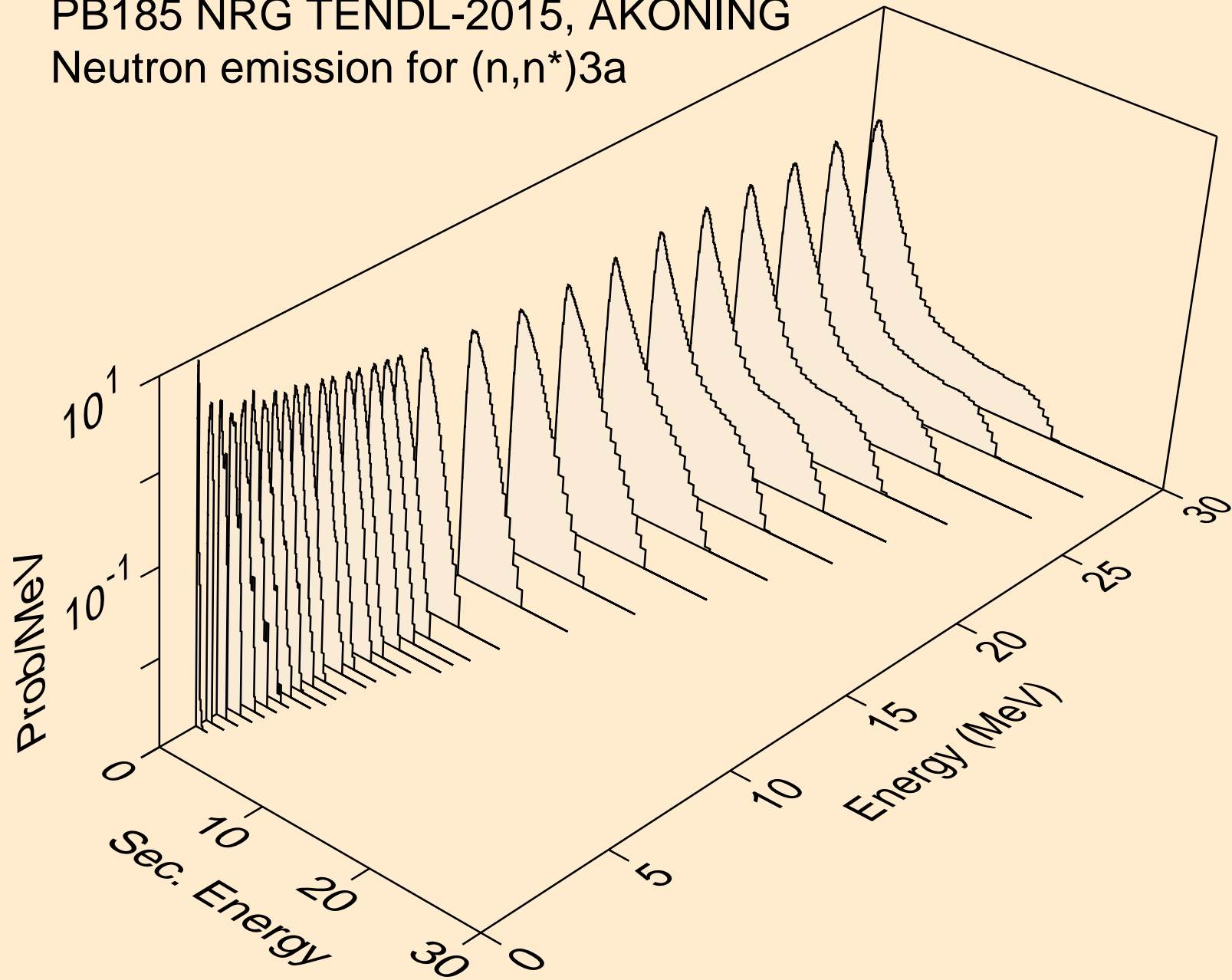
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



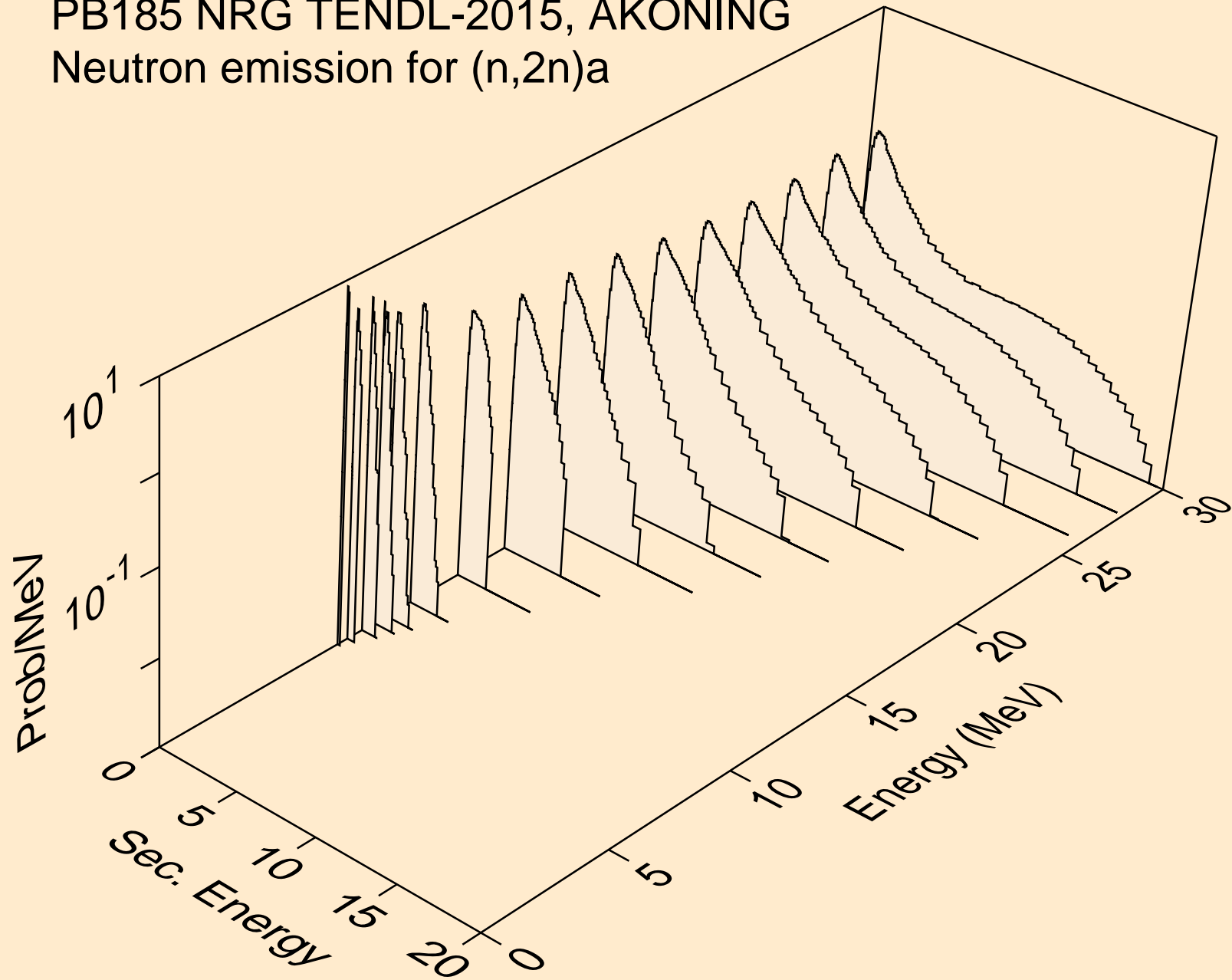
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



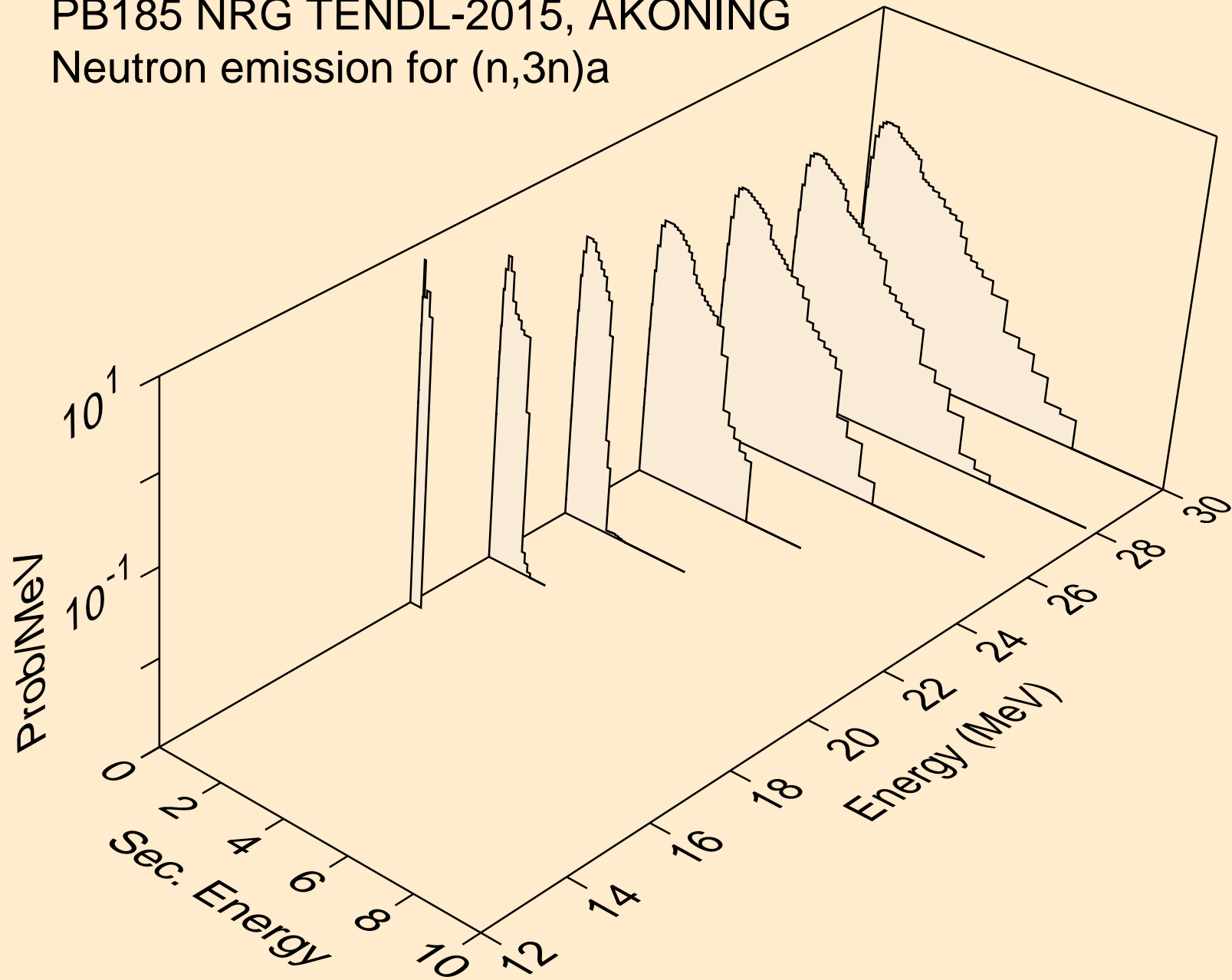
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

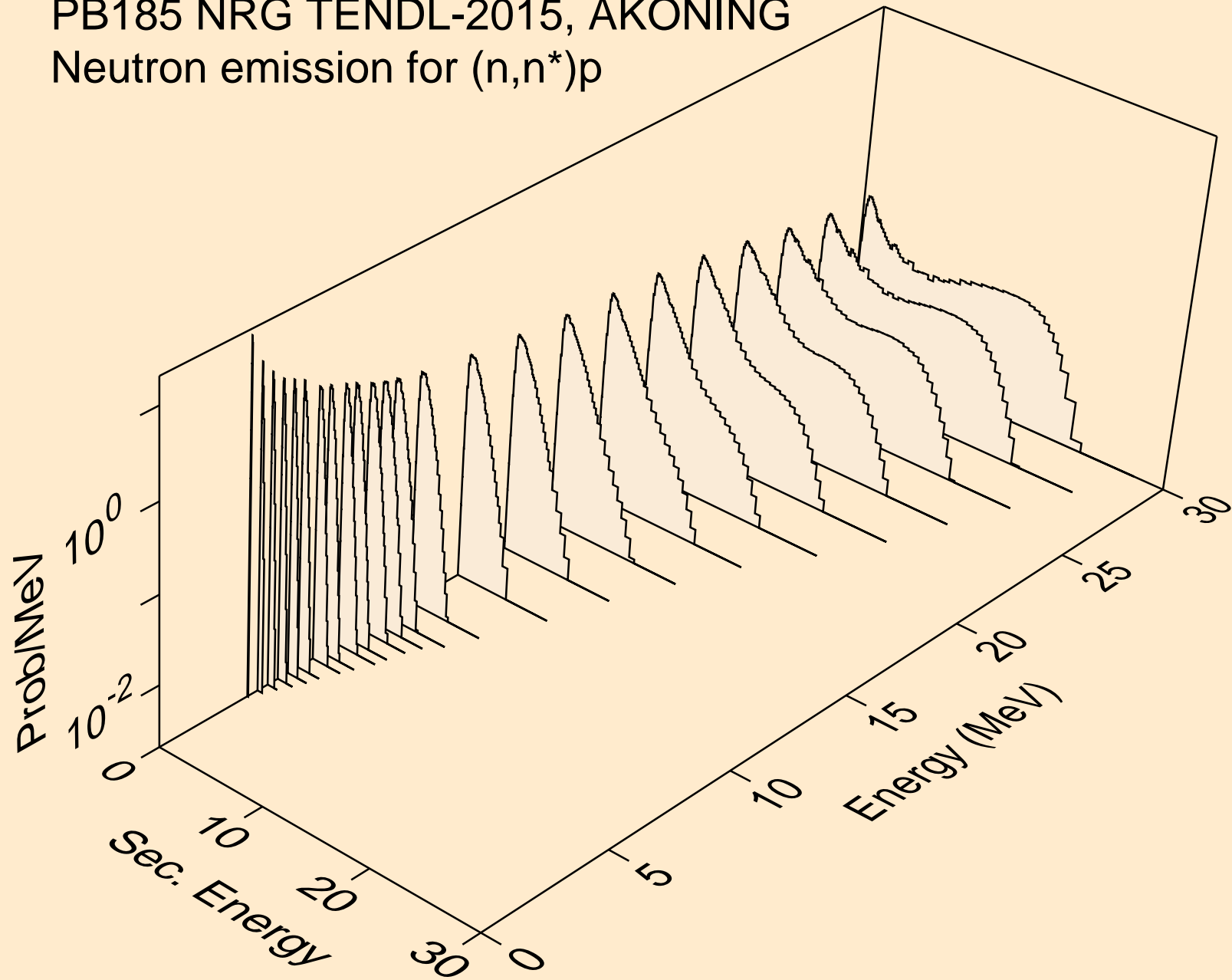


PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

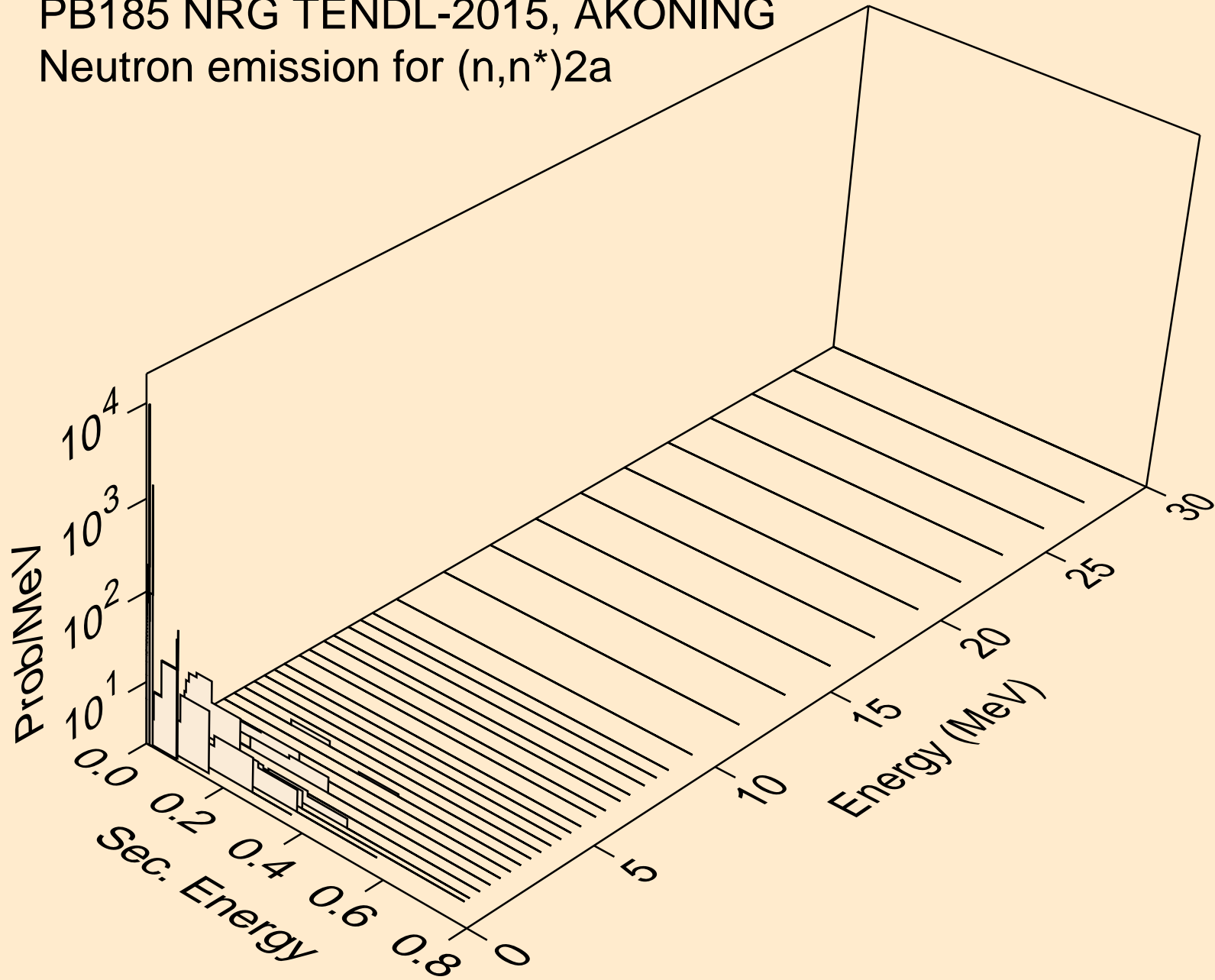




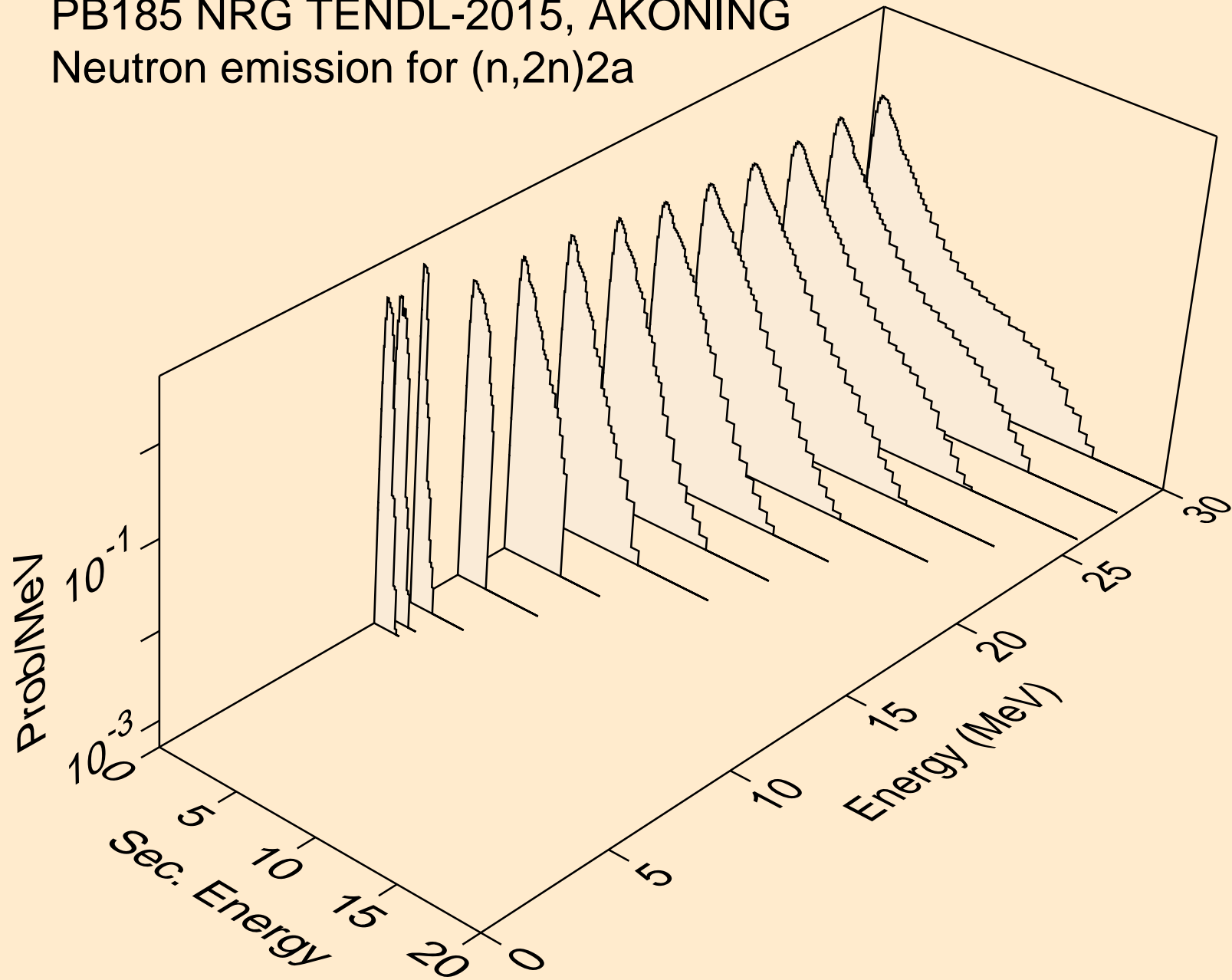
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



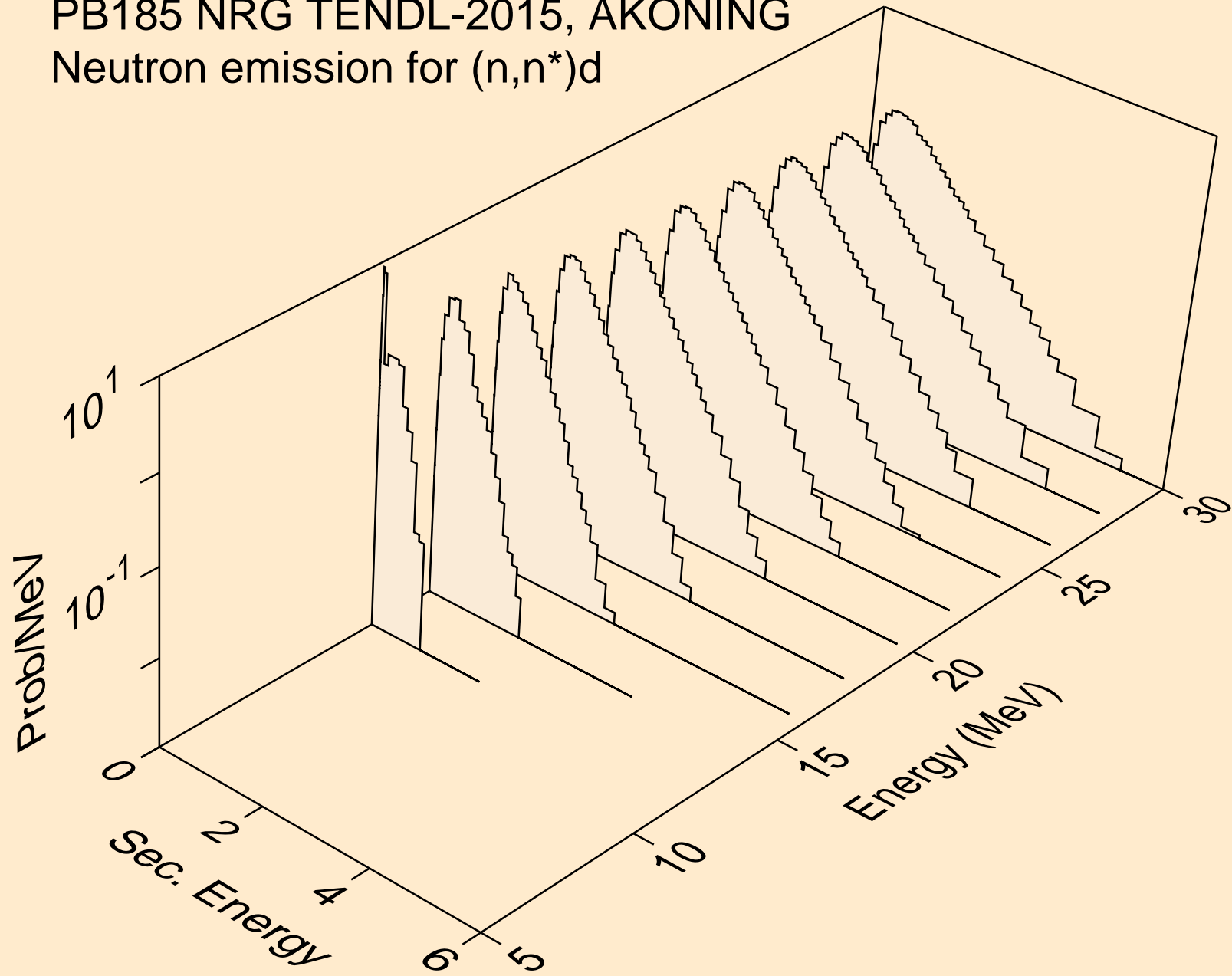
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



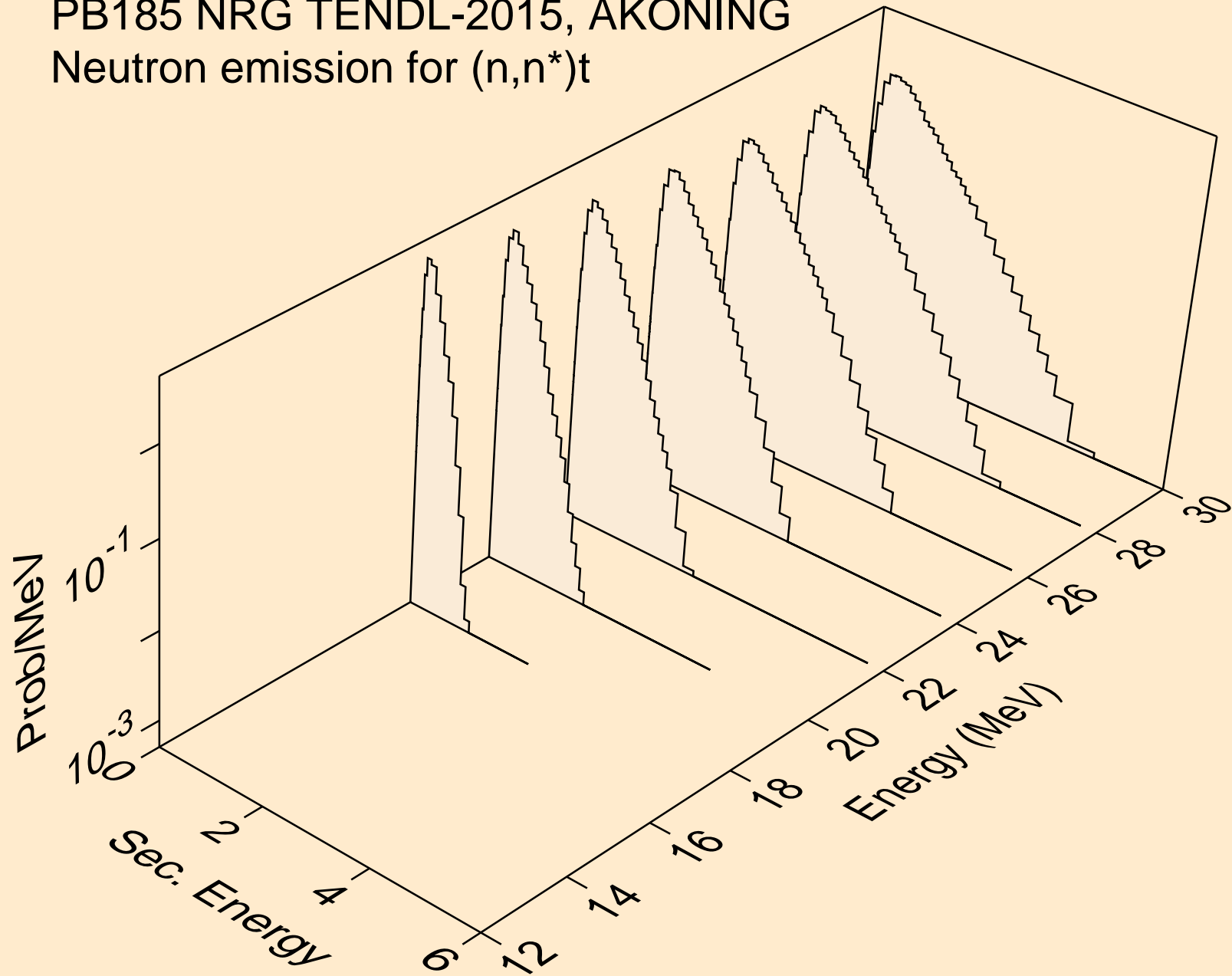
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



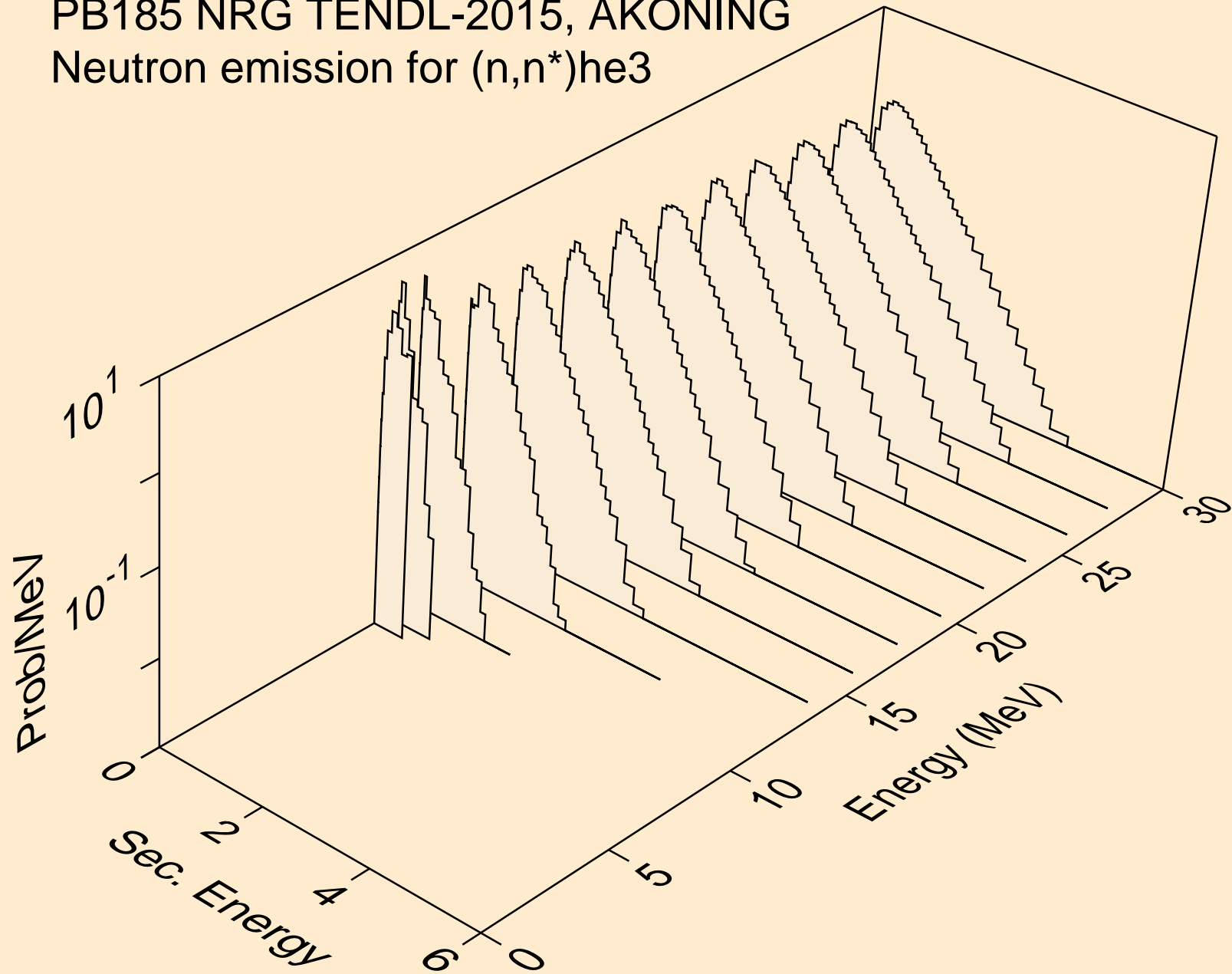
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



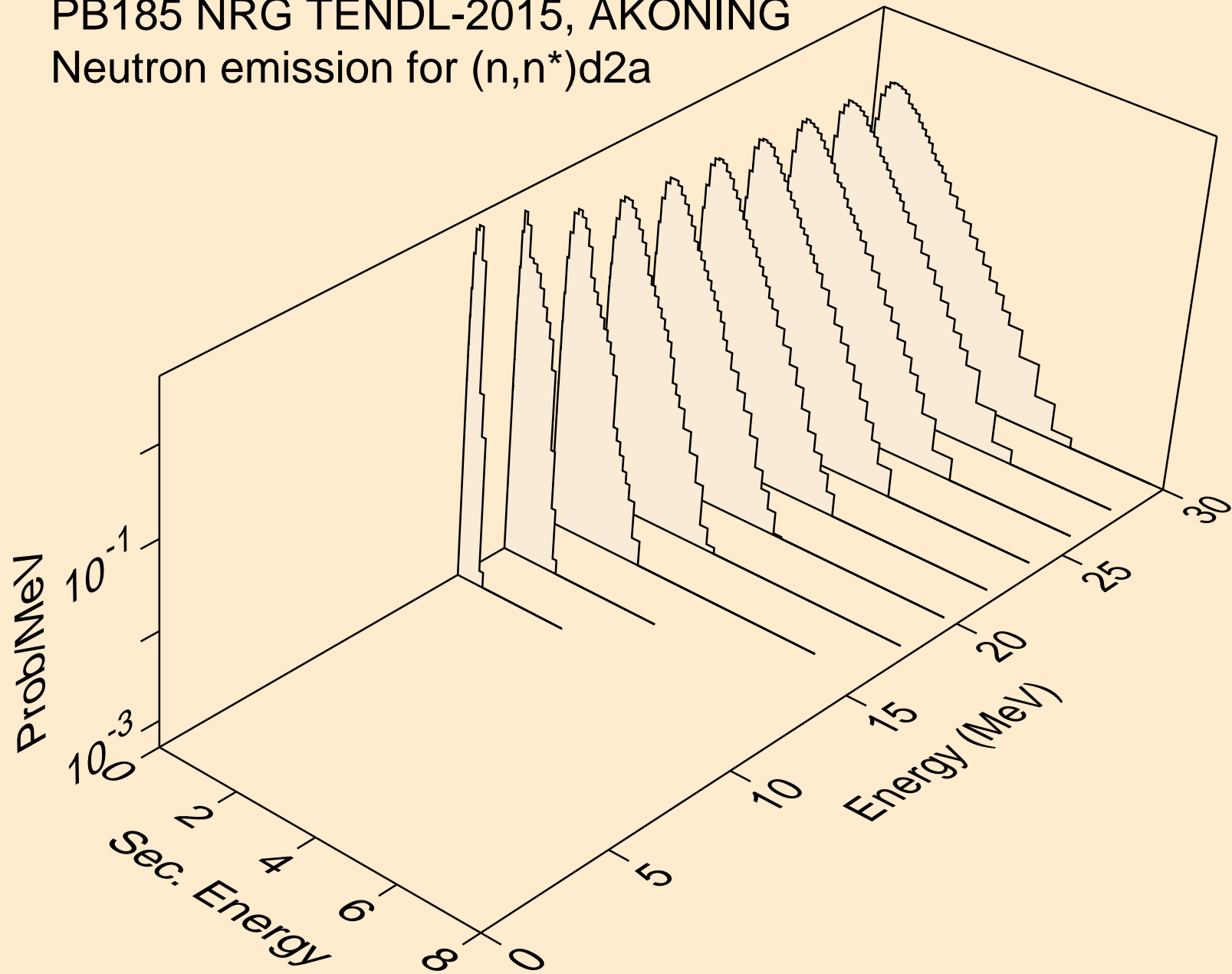
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Neutron emission for (n,n\*)t



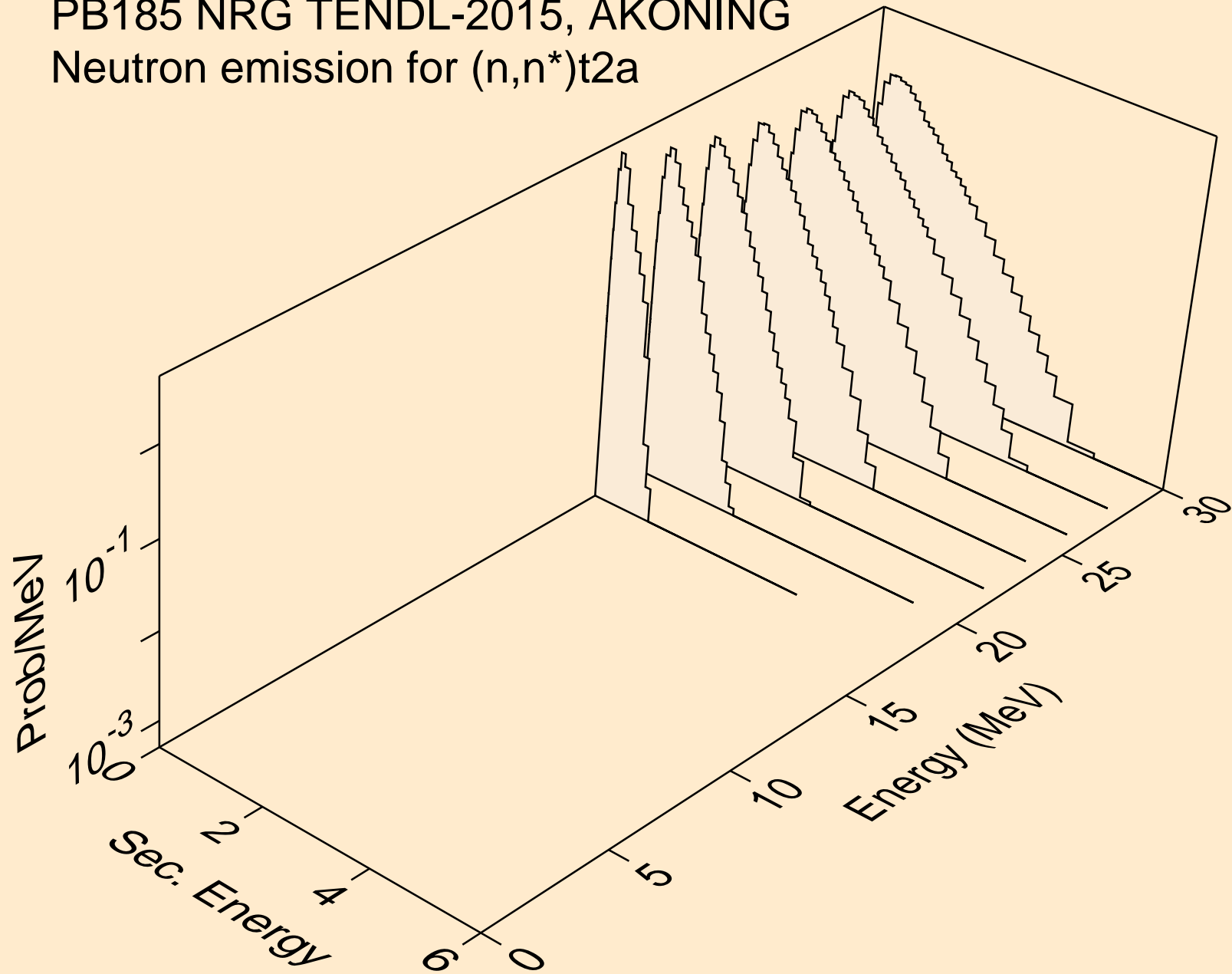
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a

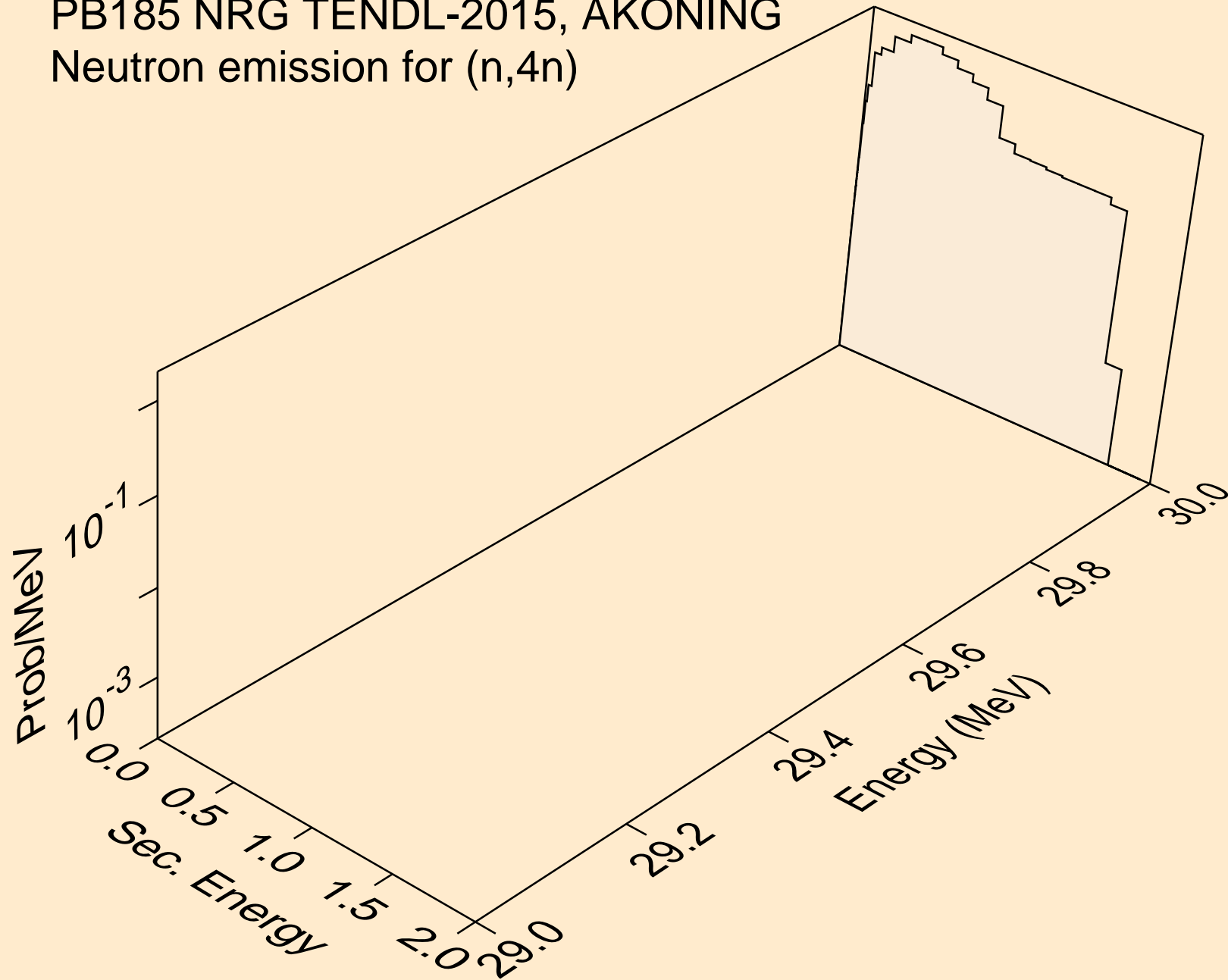


PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a

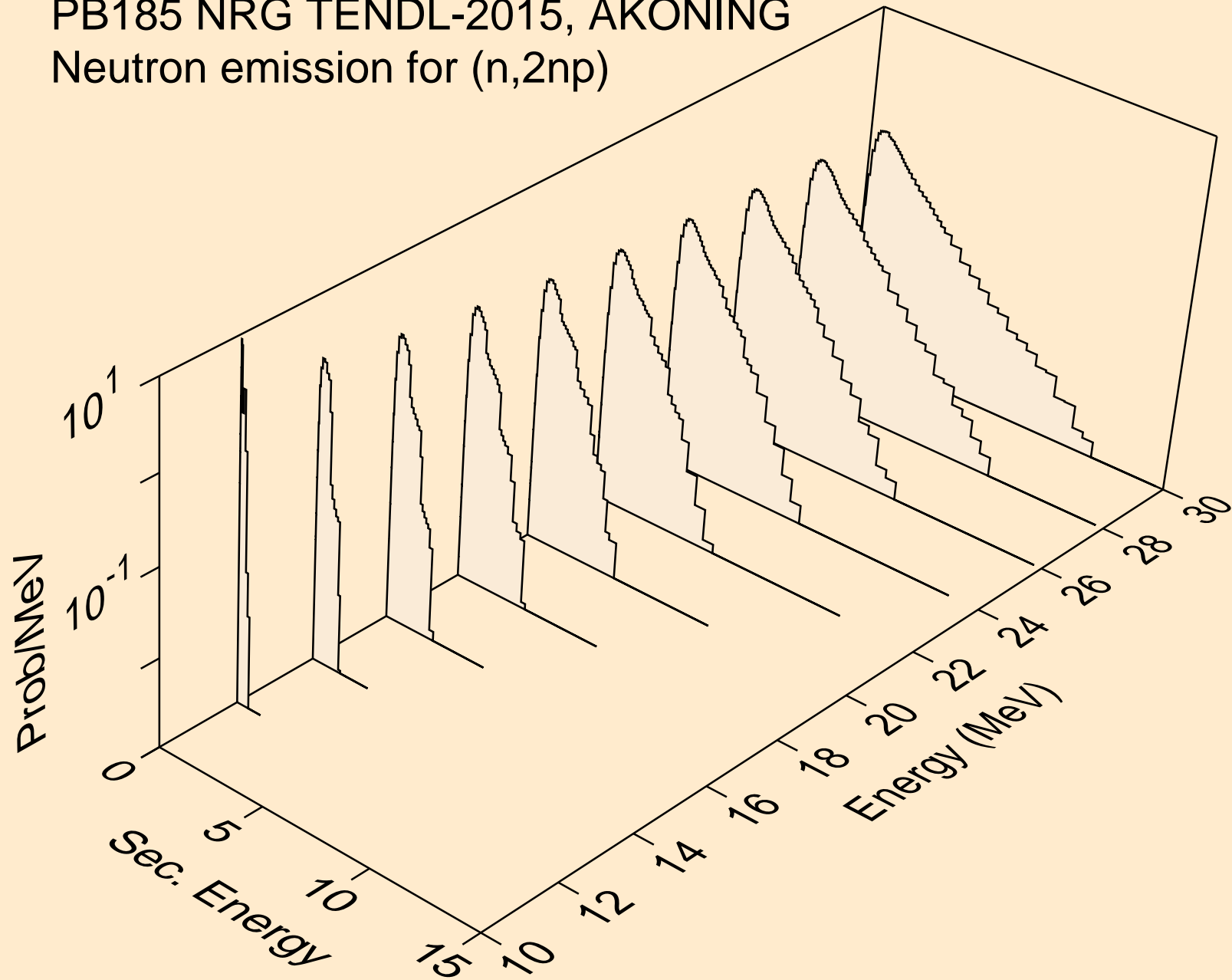




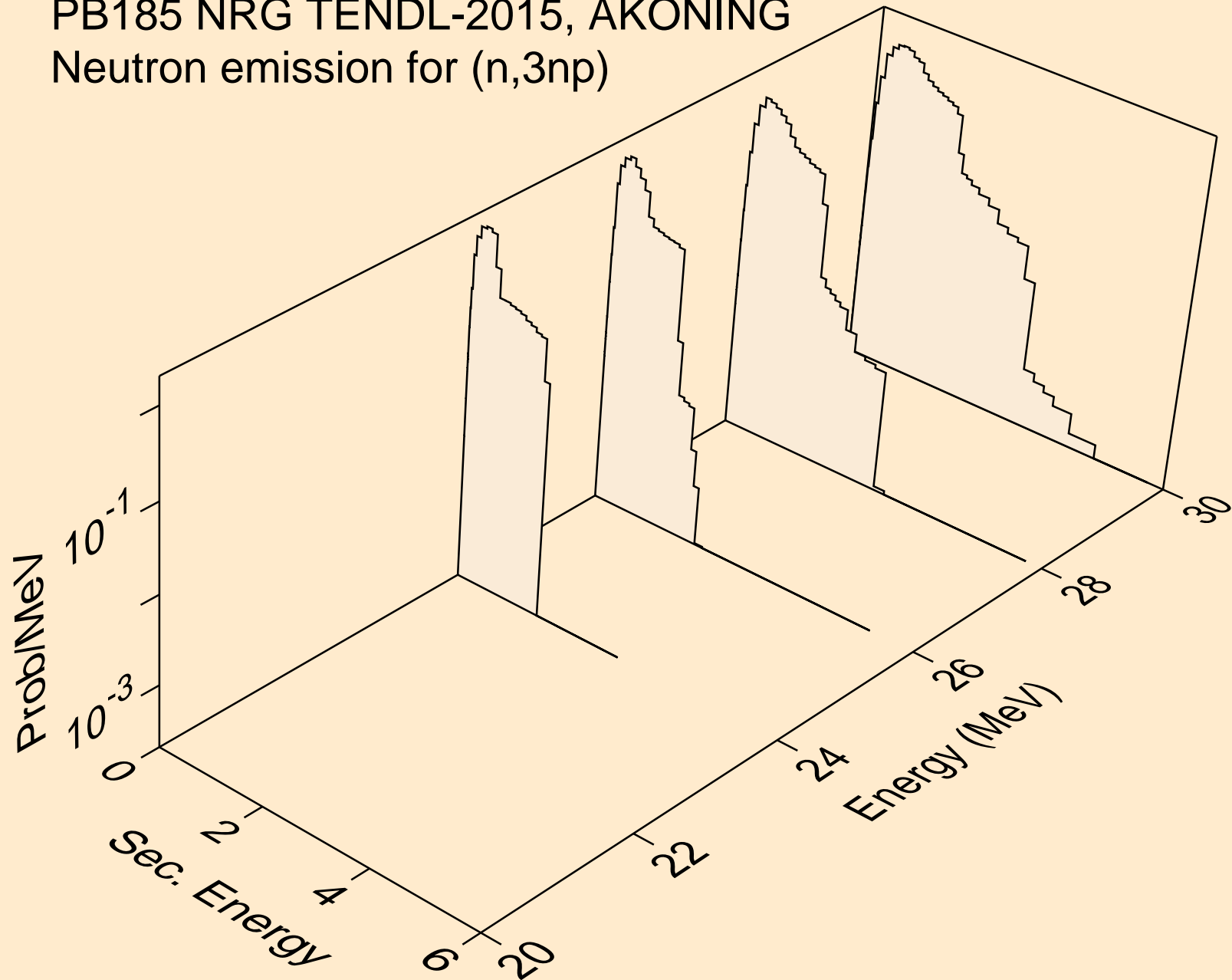
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



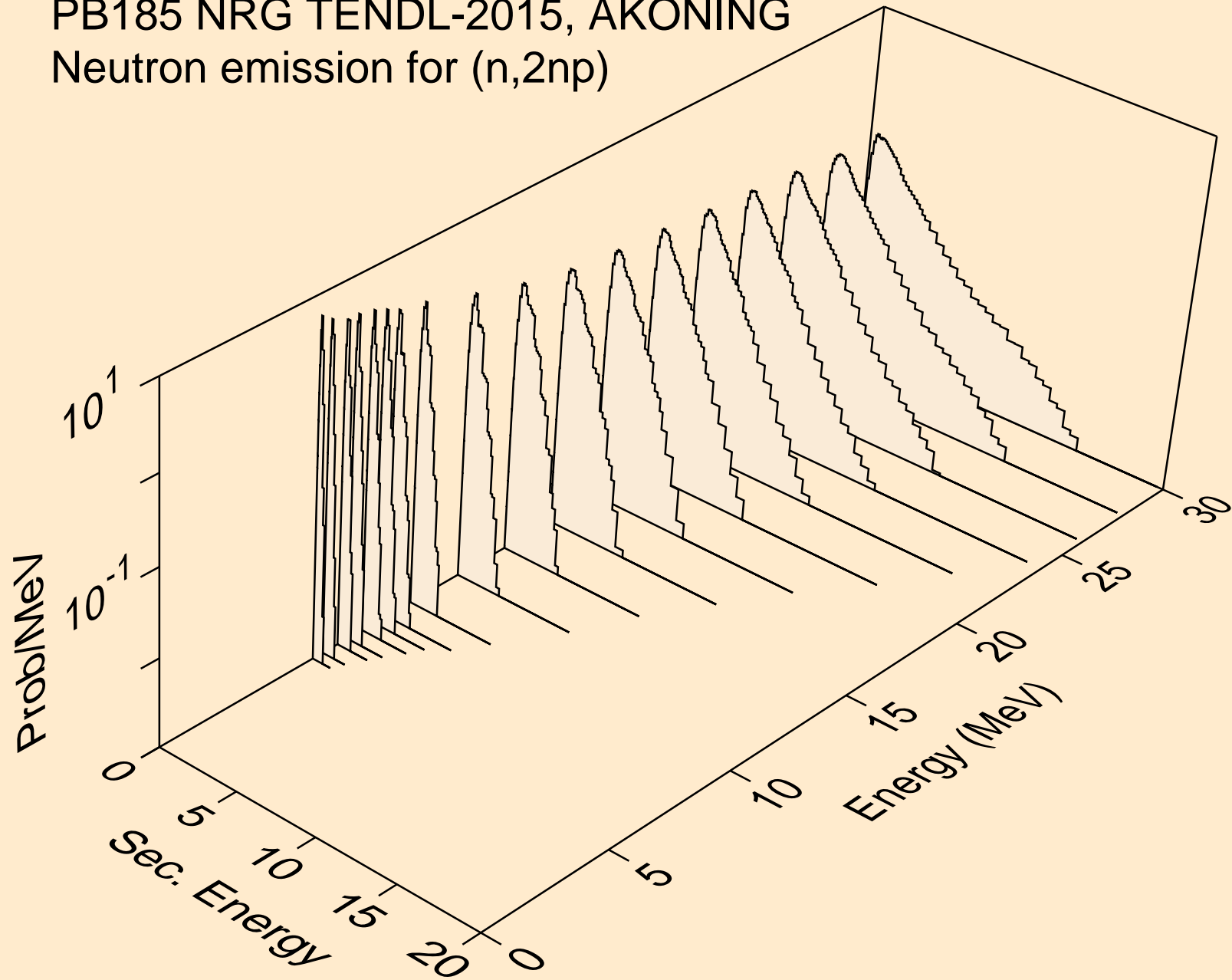
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



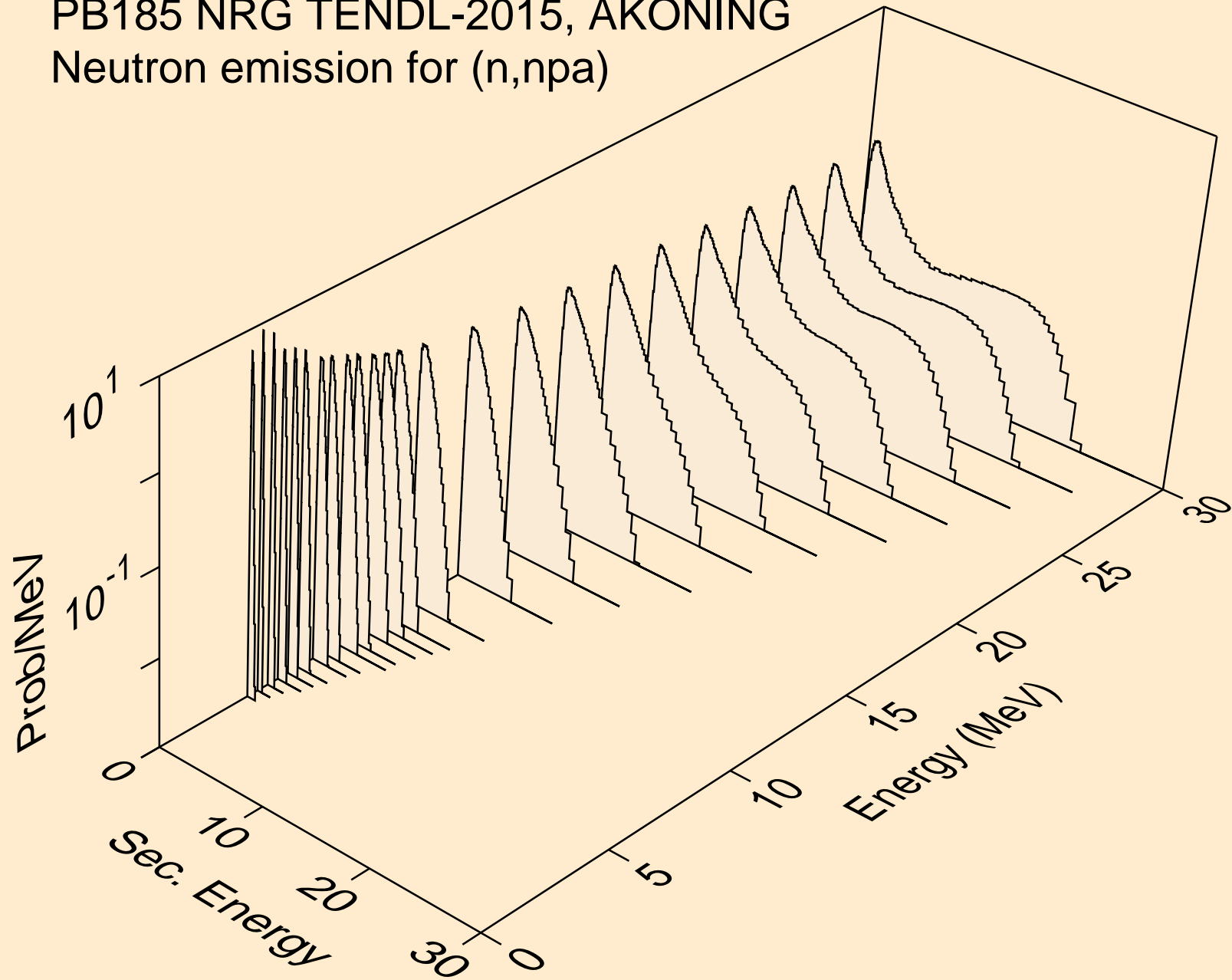
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



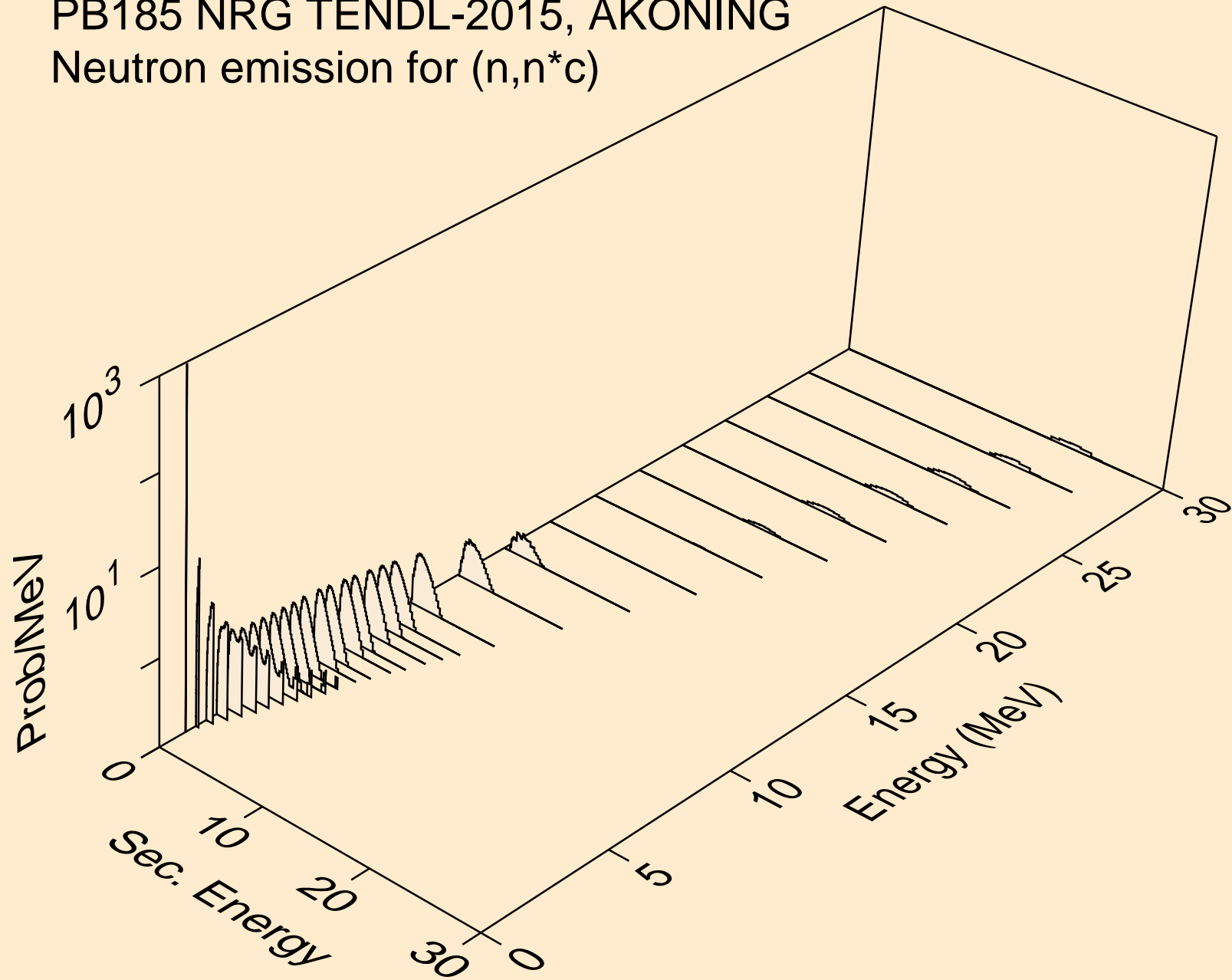
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



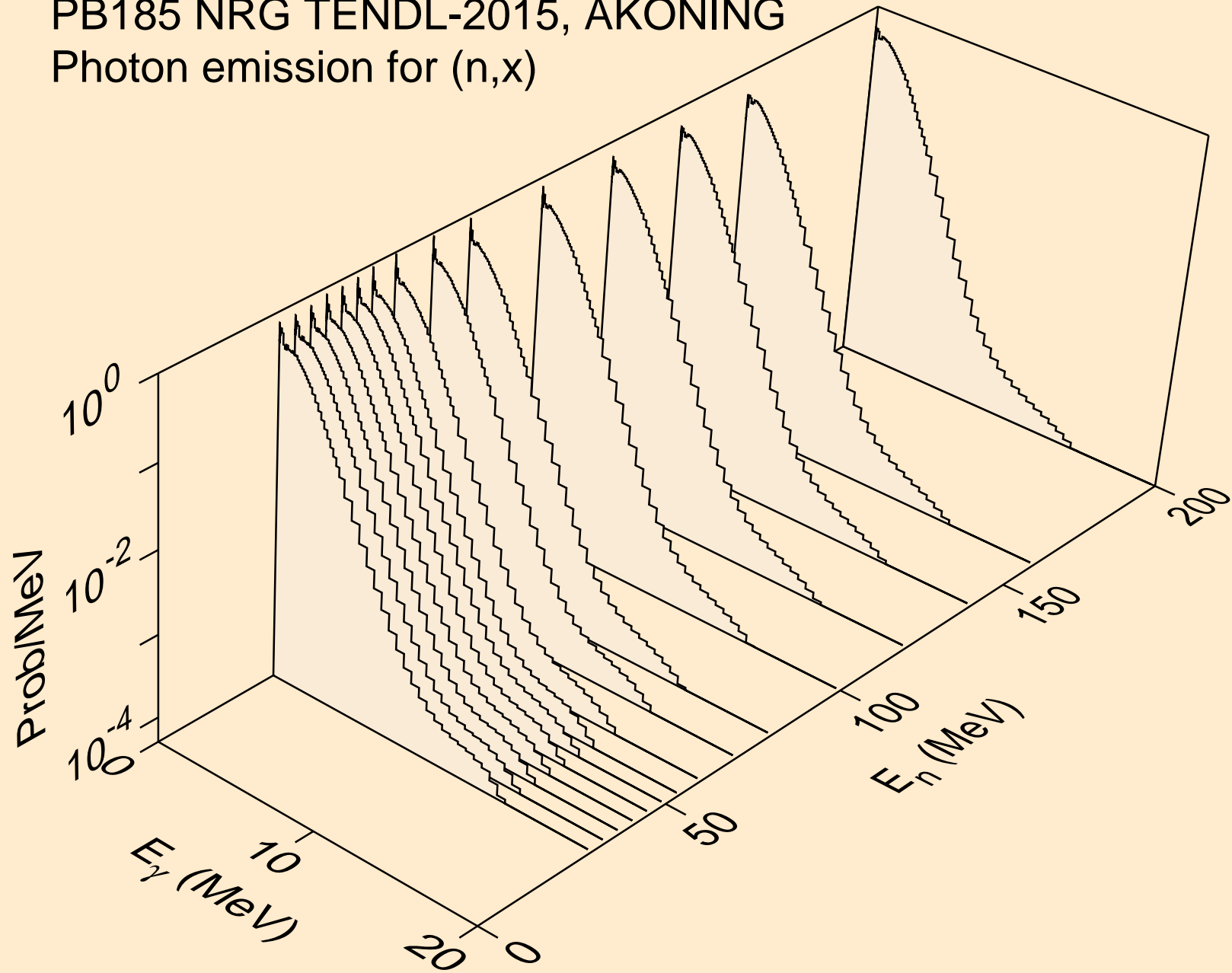
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



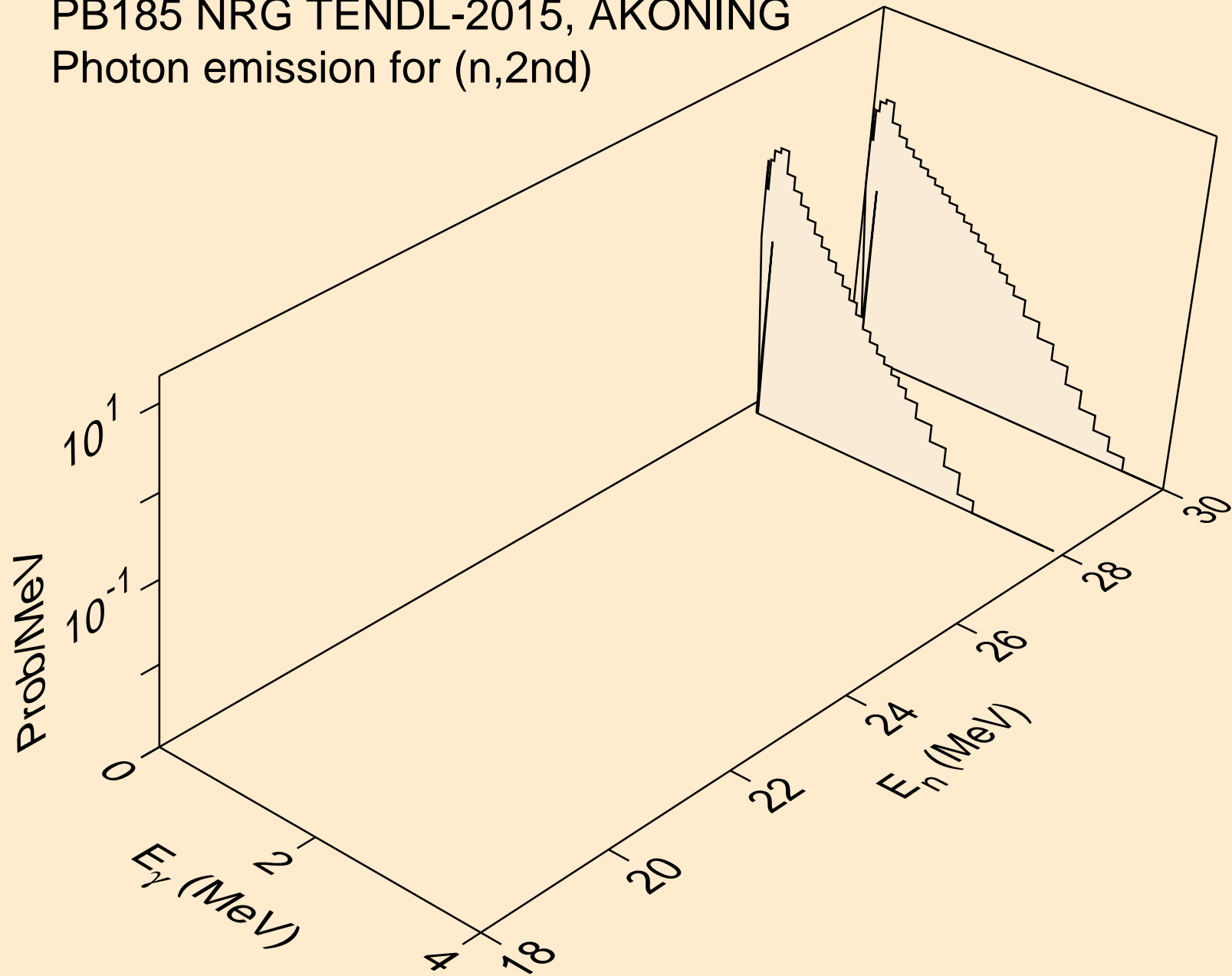
PB185 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

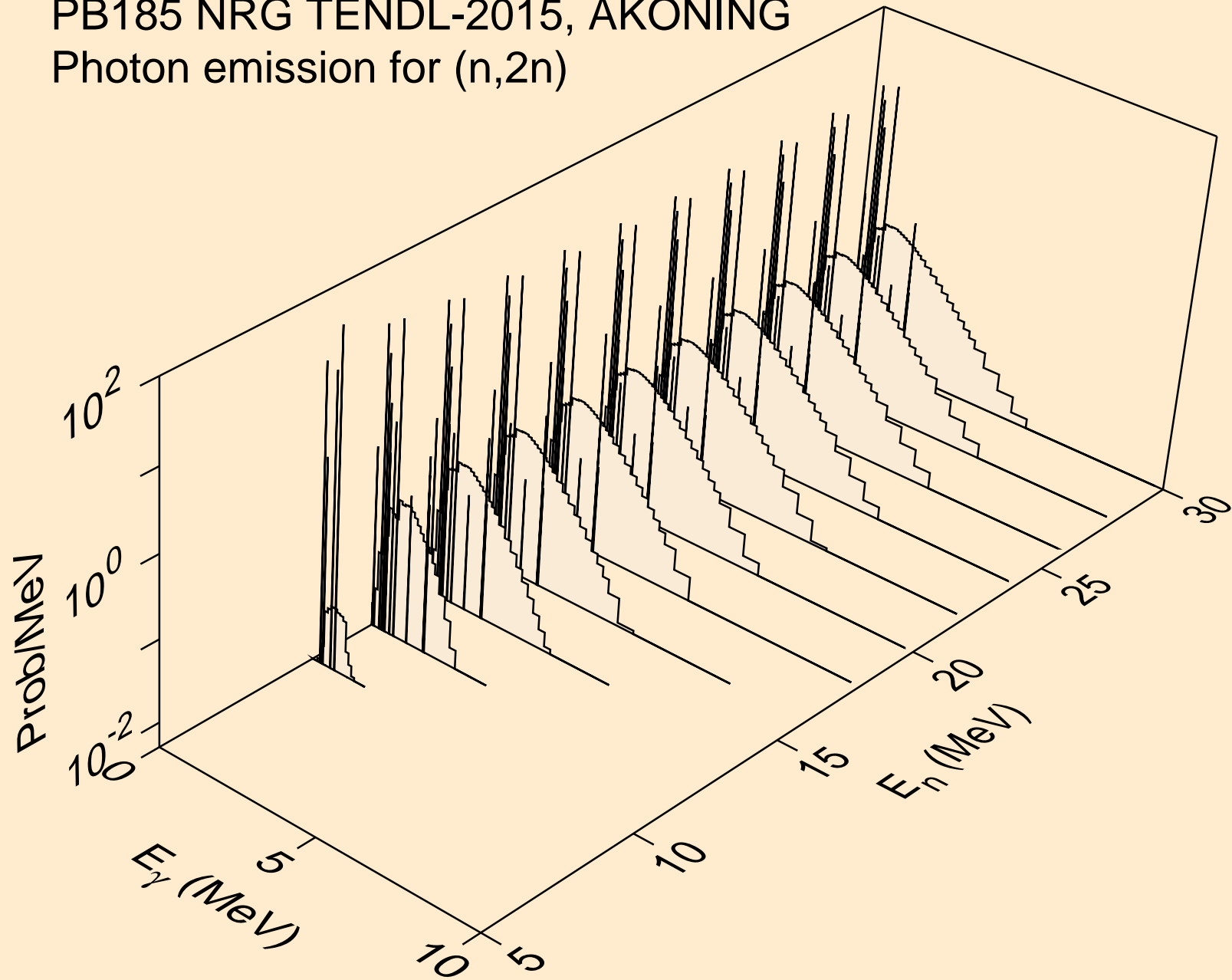


PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

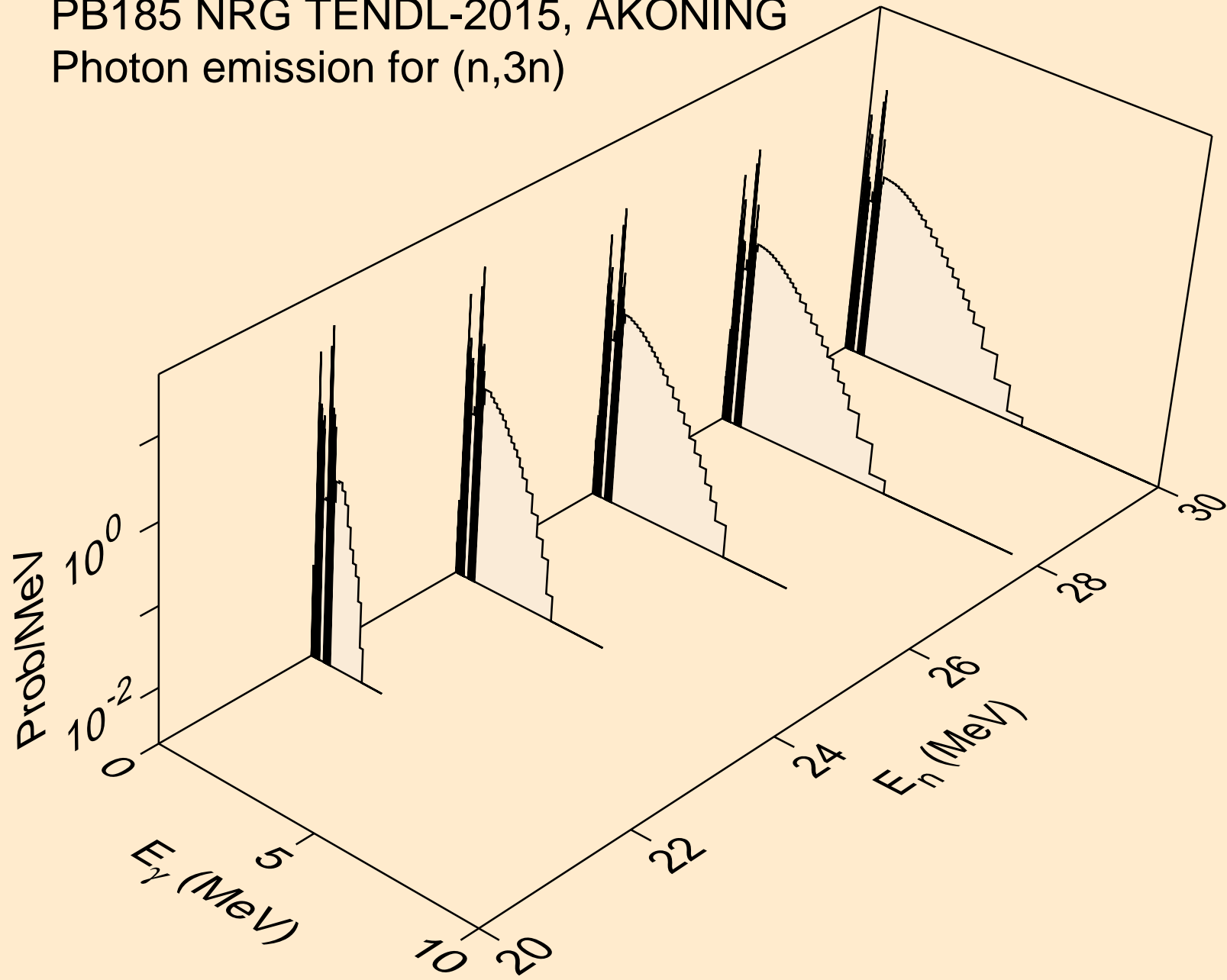




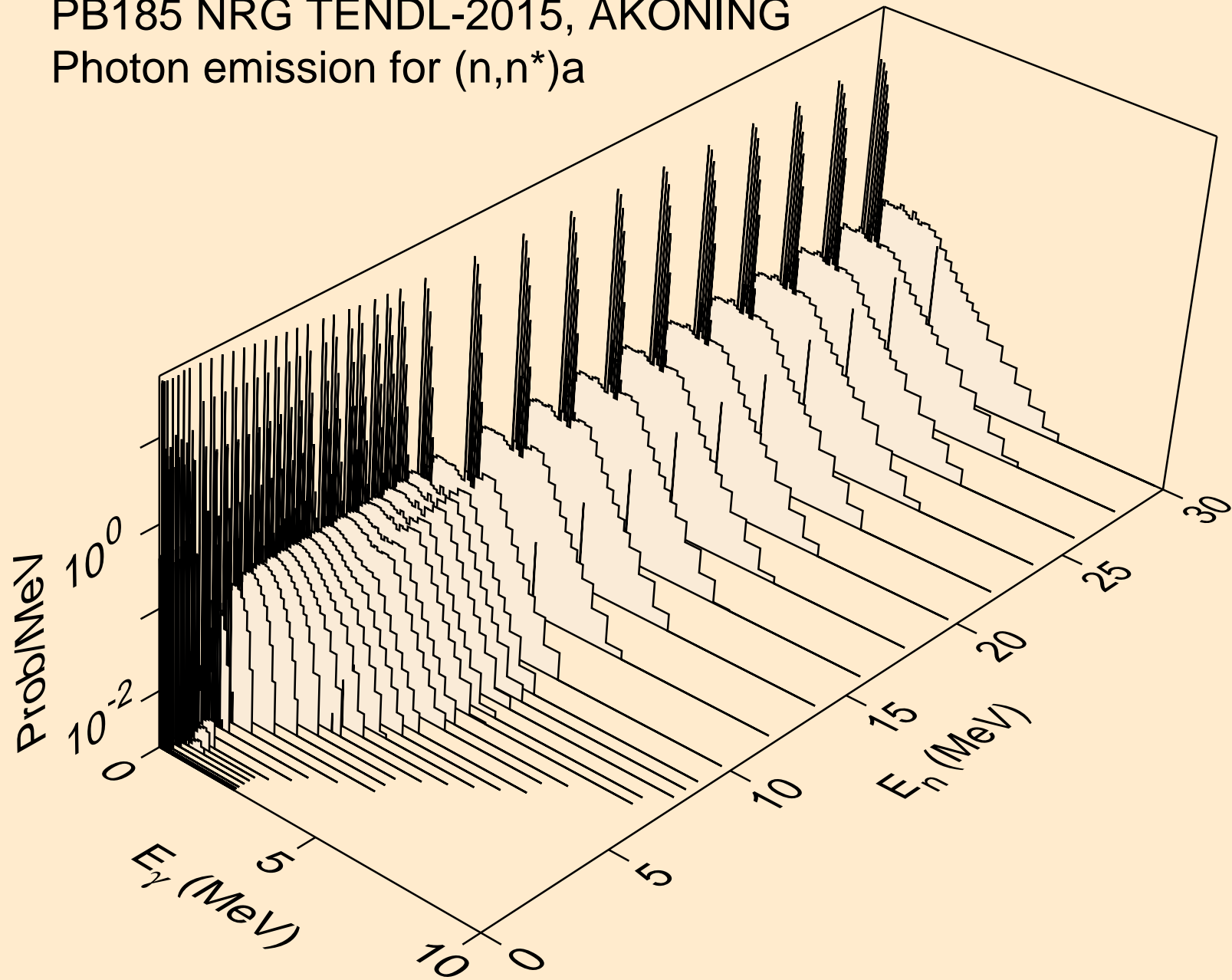
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



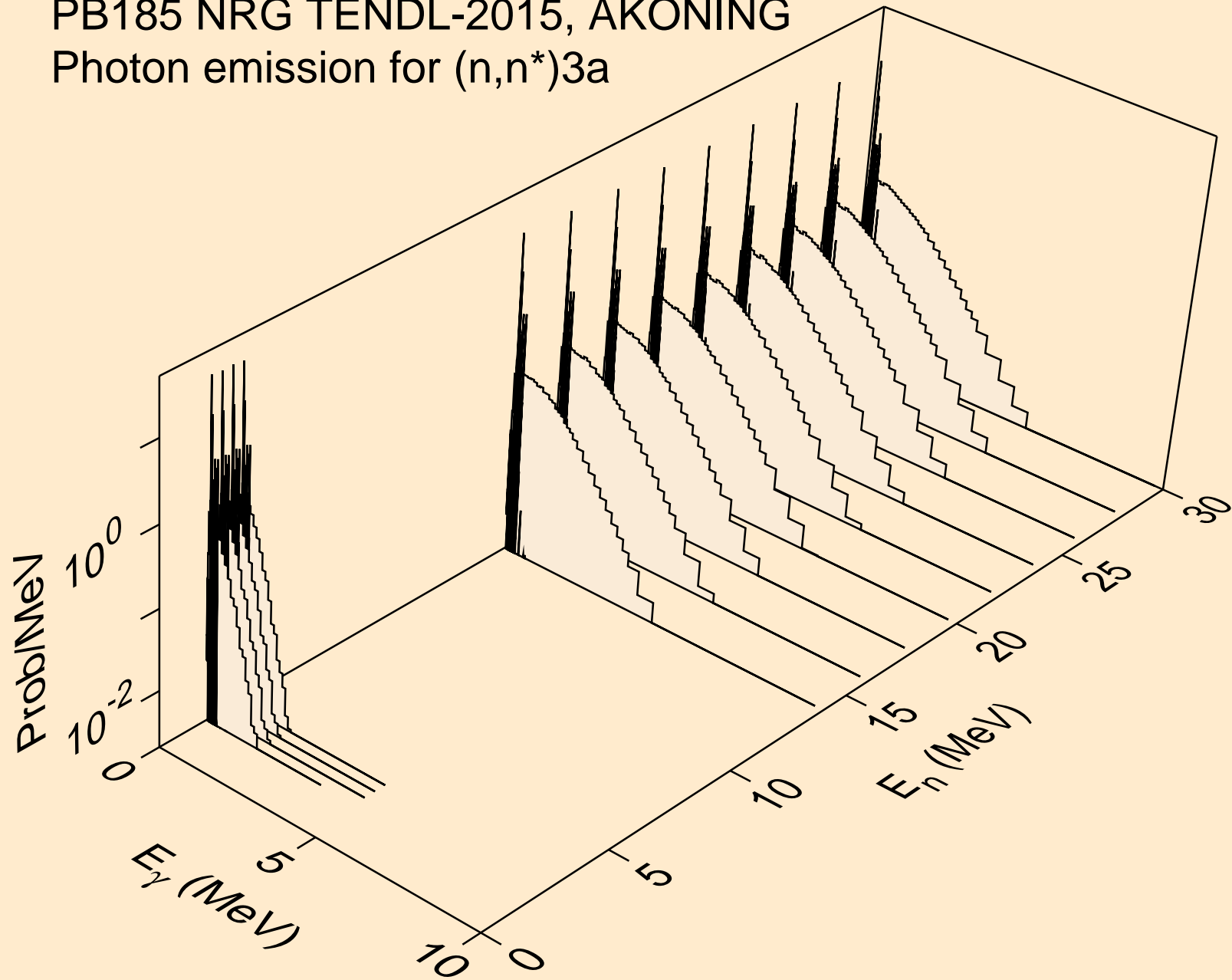
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



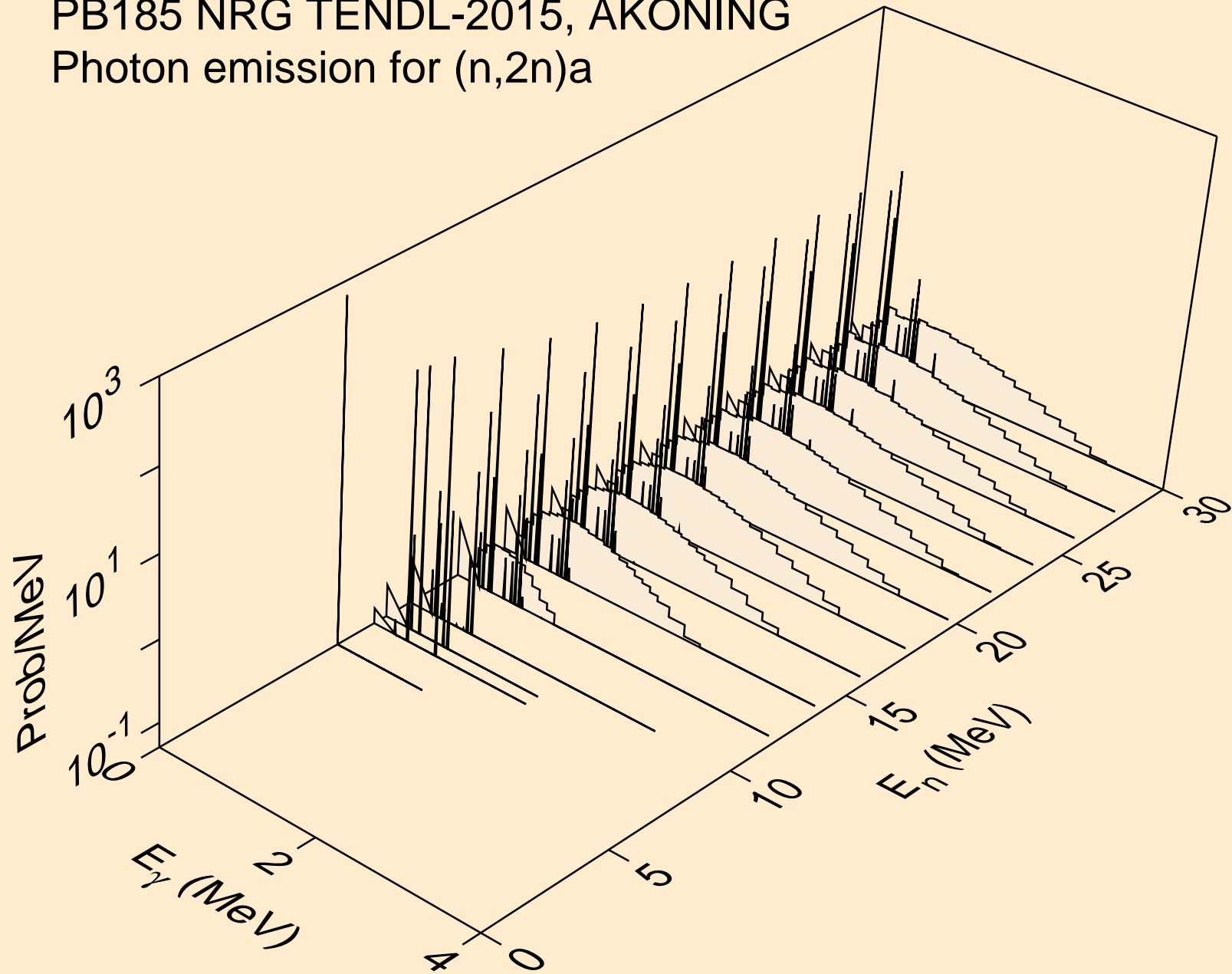
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



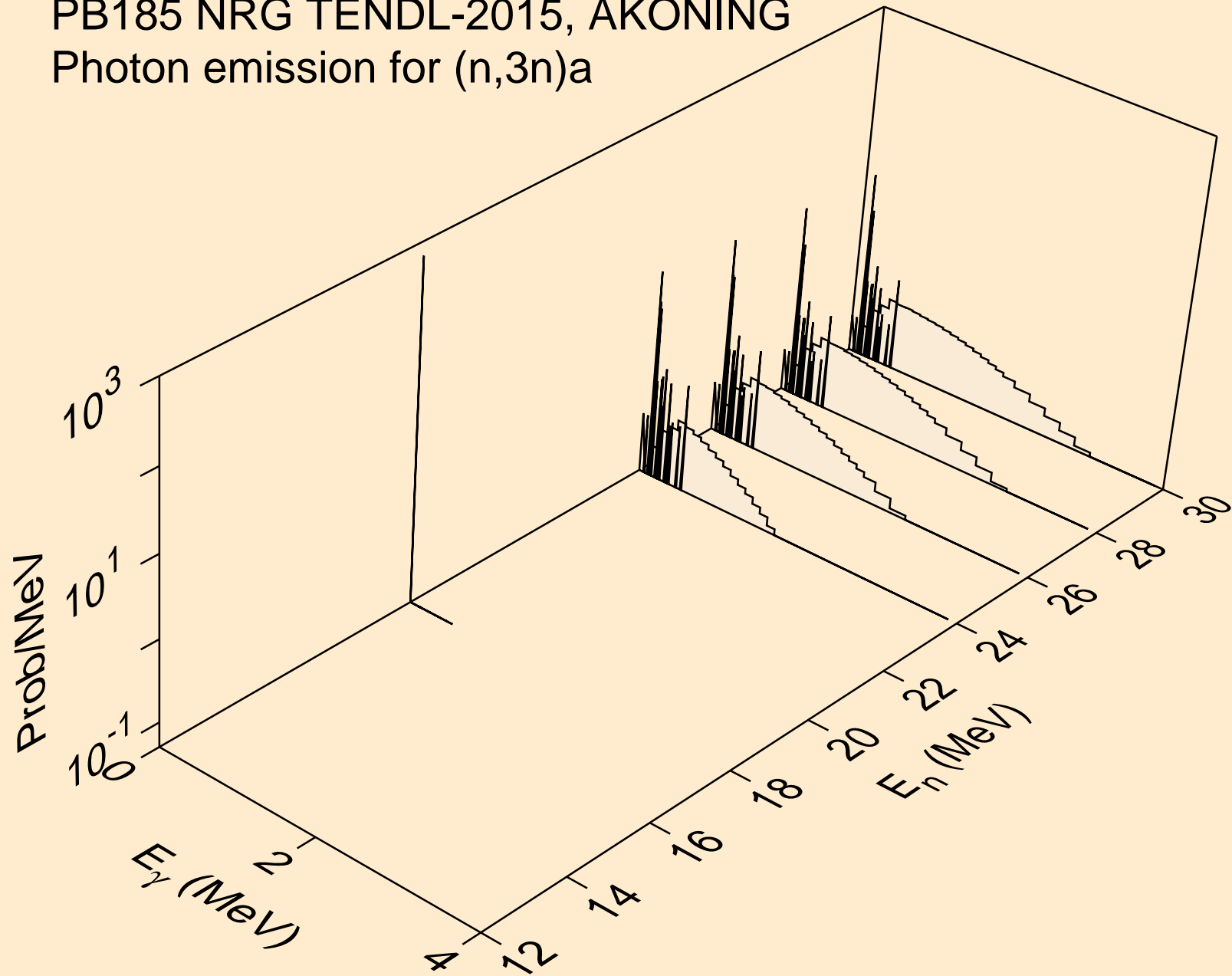
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



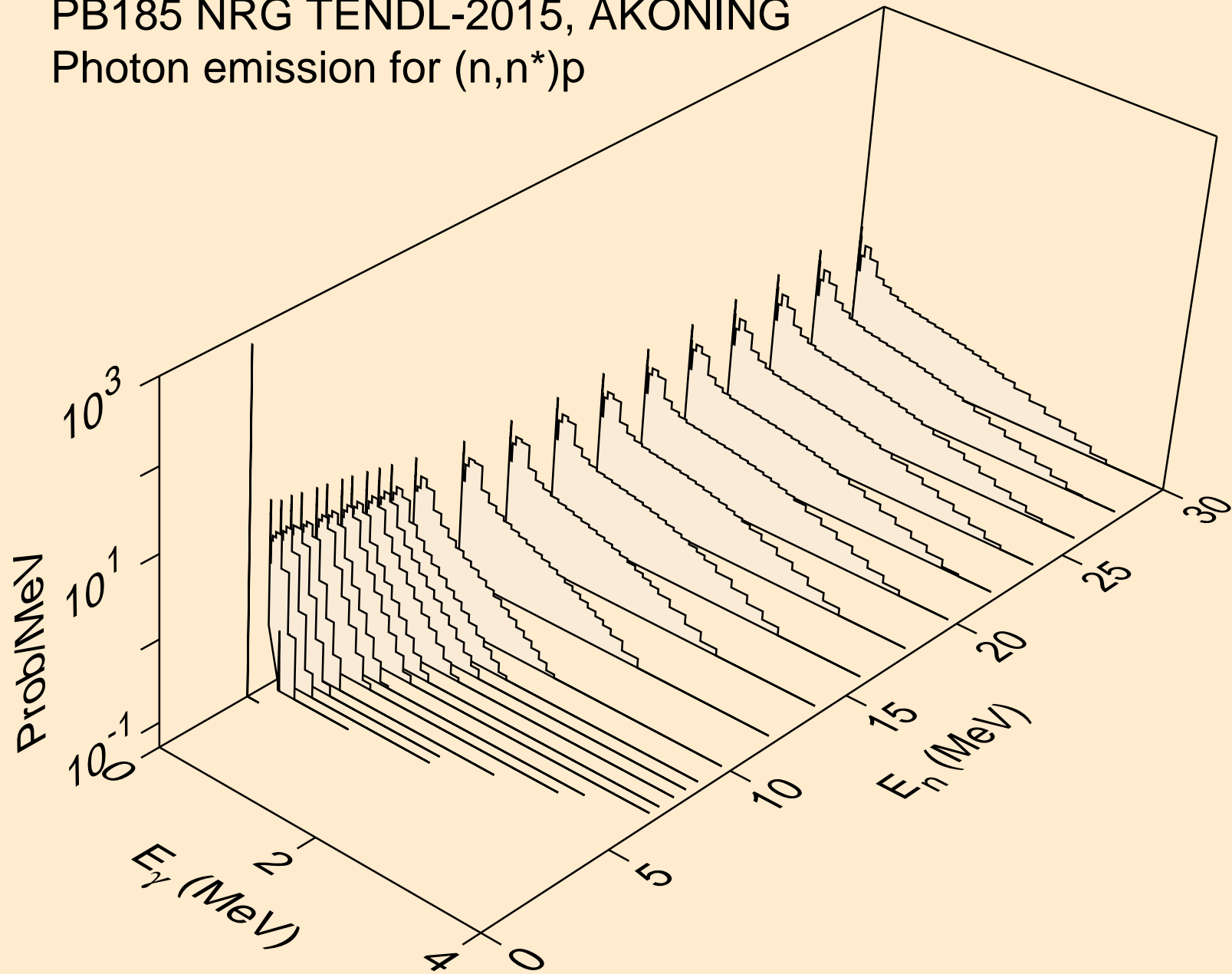
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



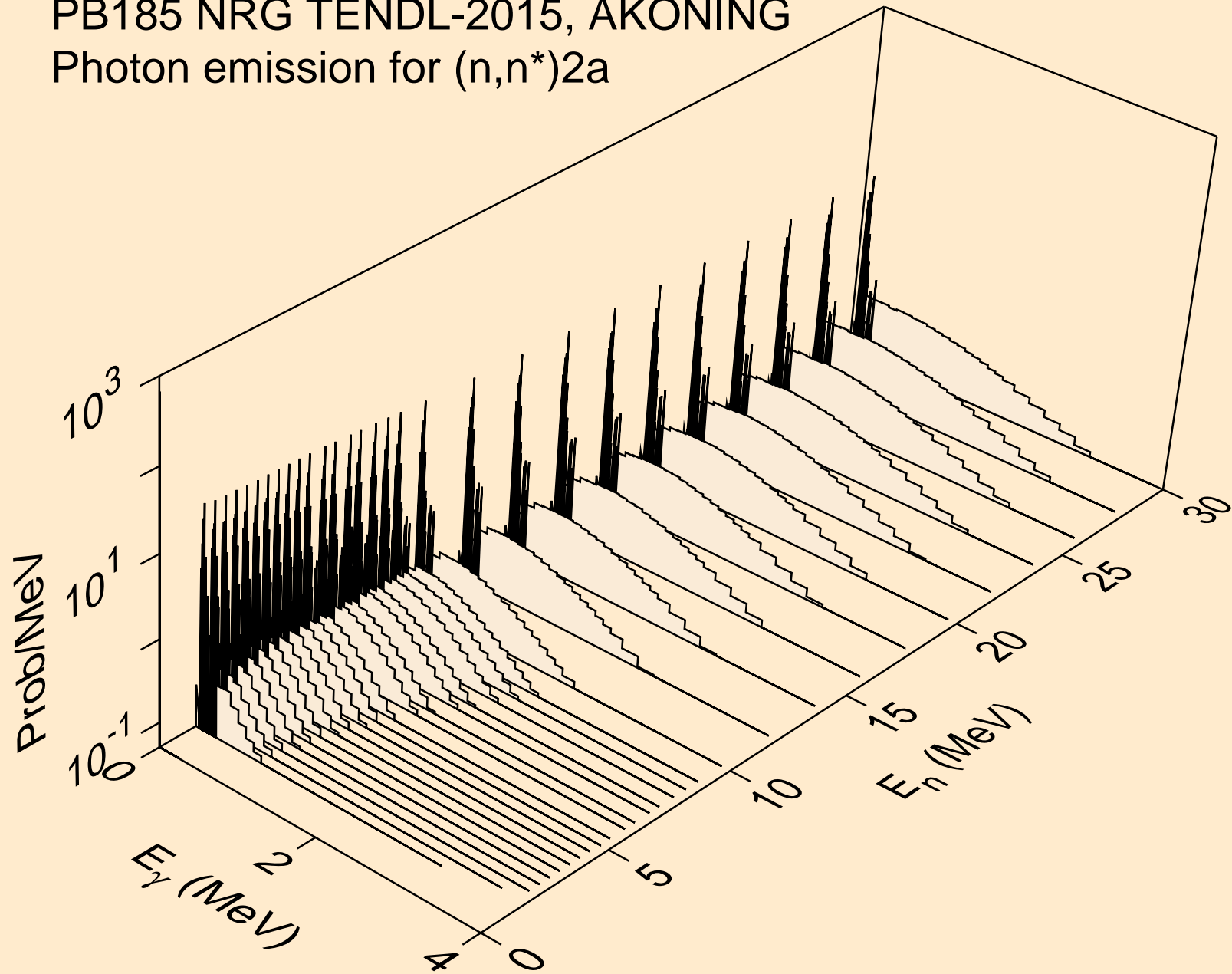
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

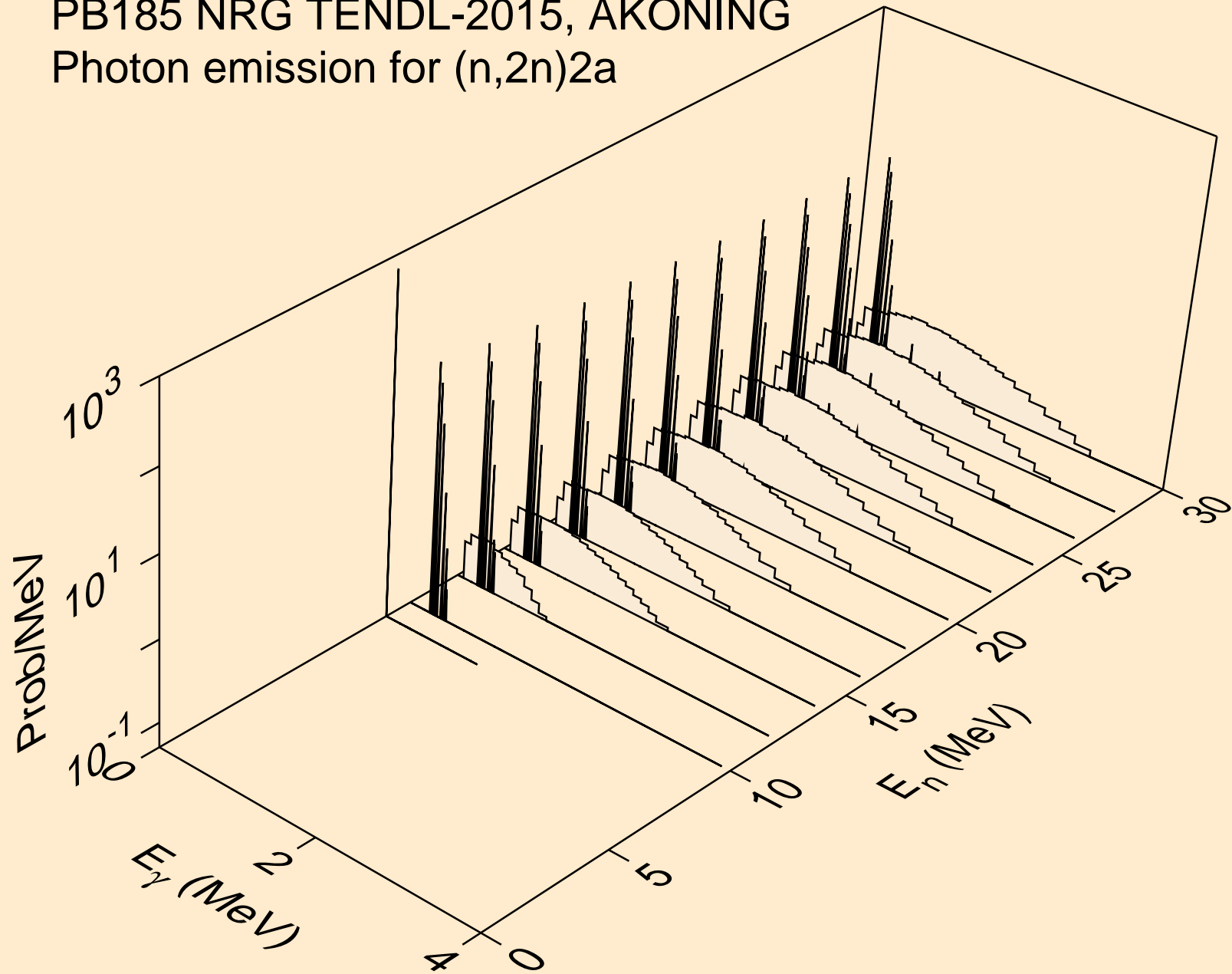


PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

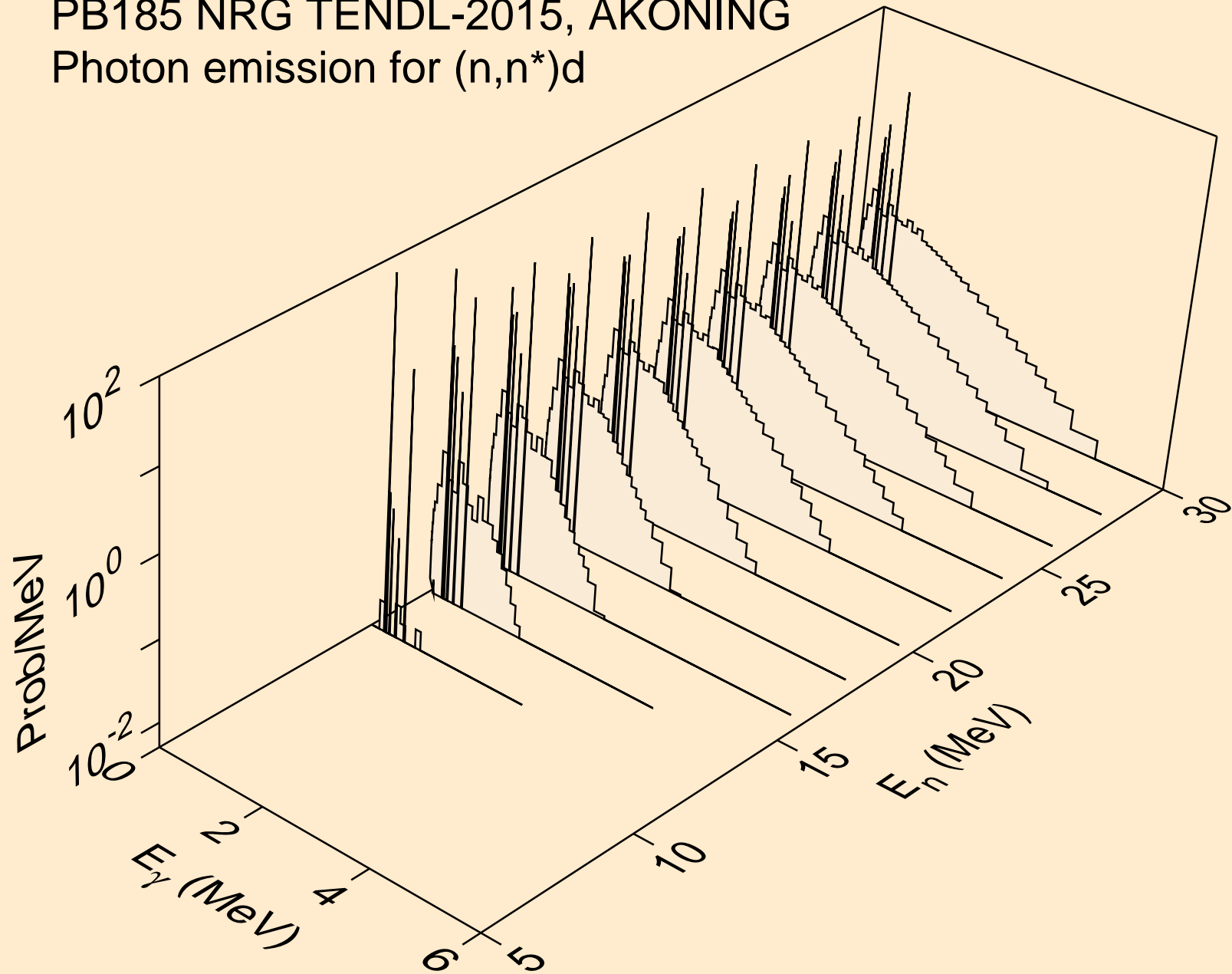




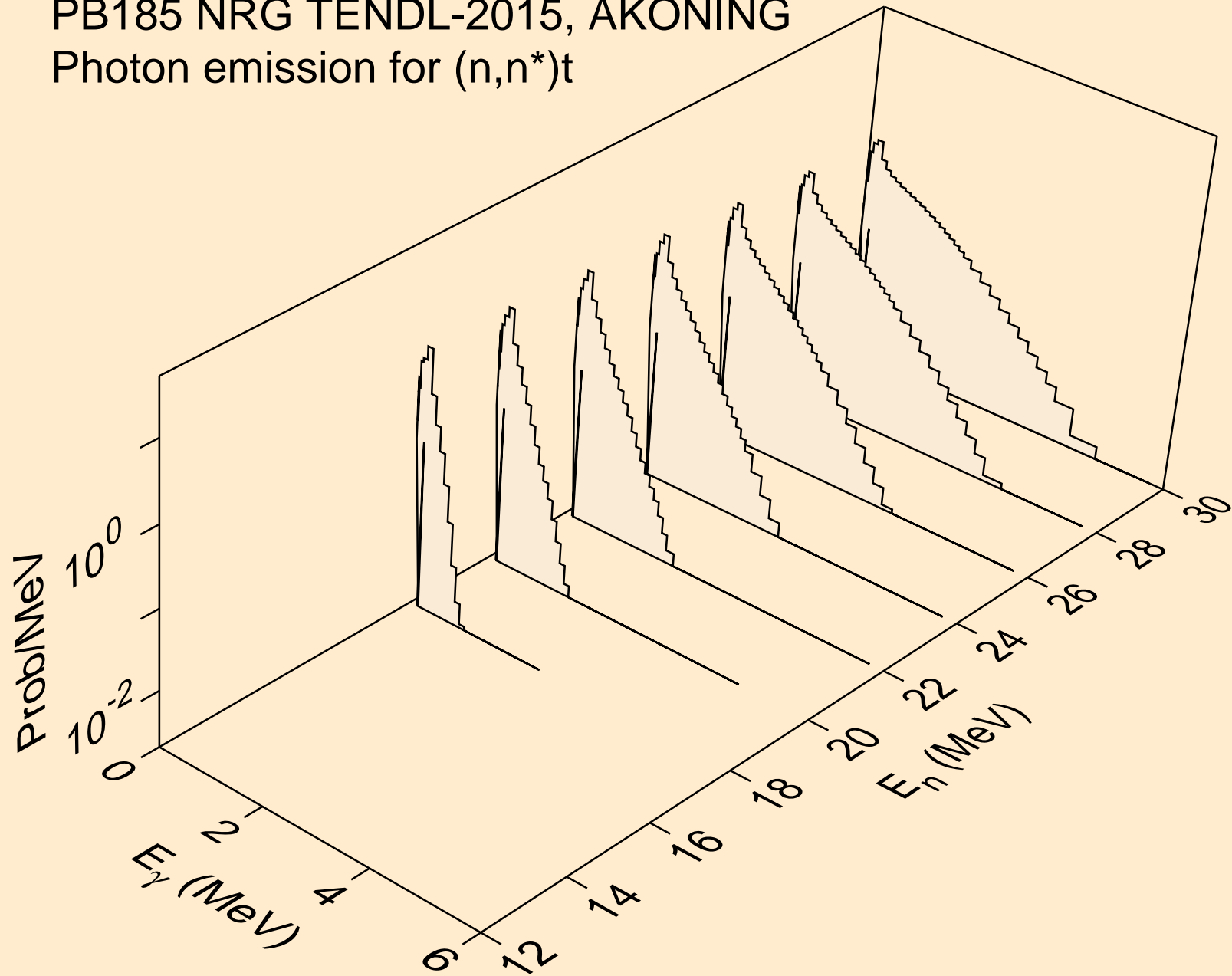
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



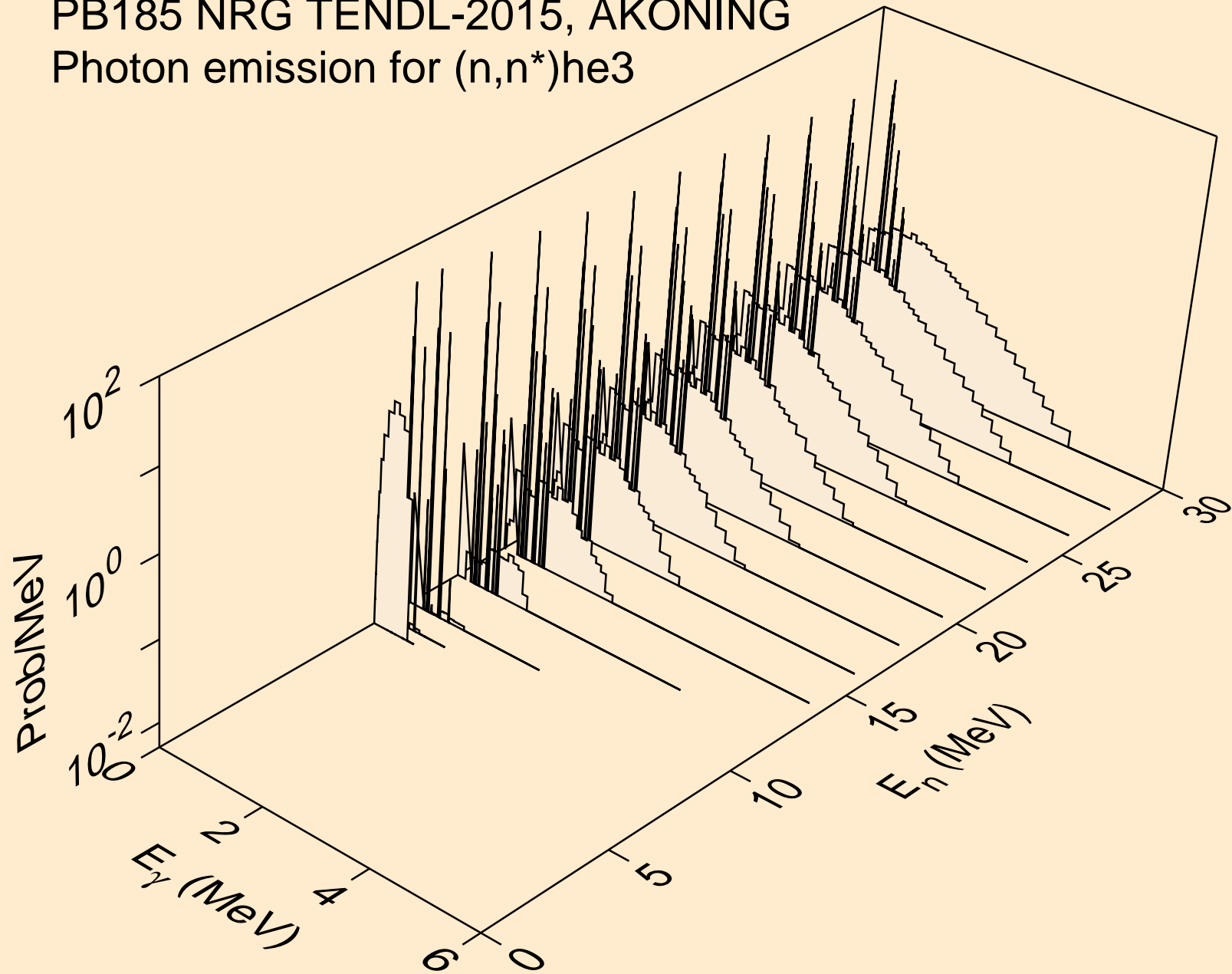
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



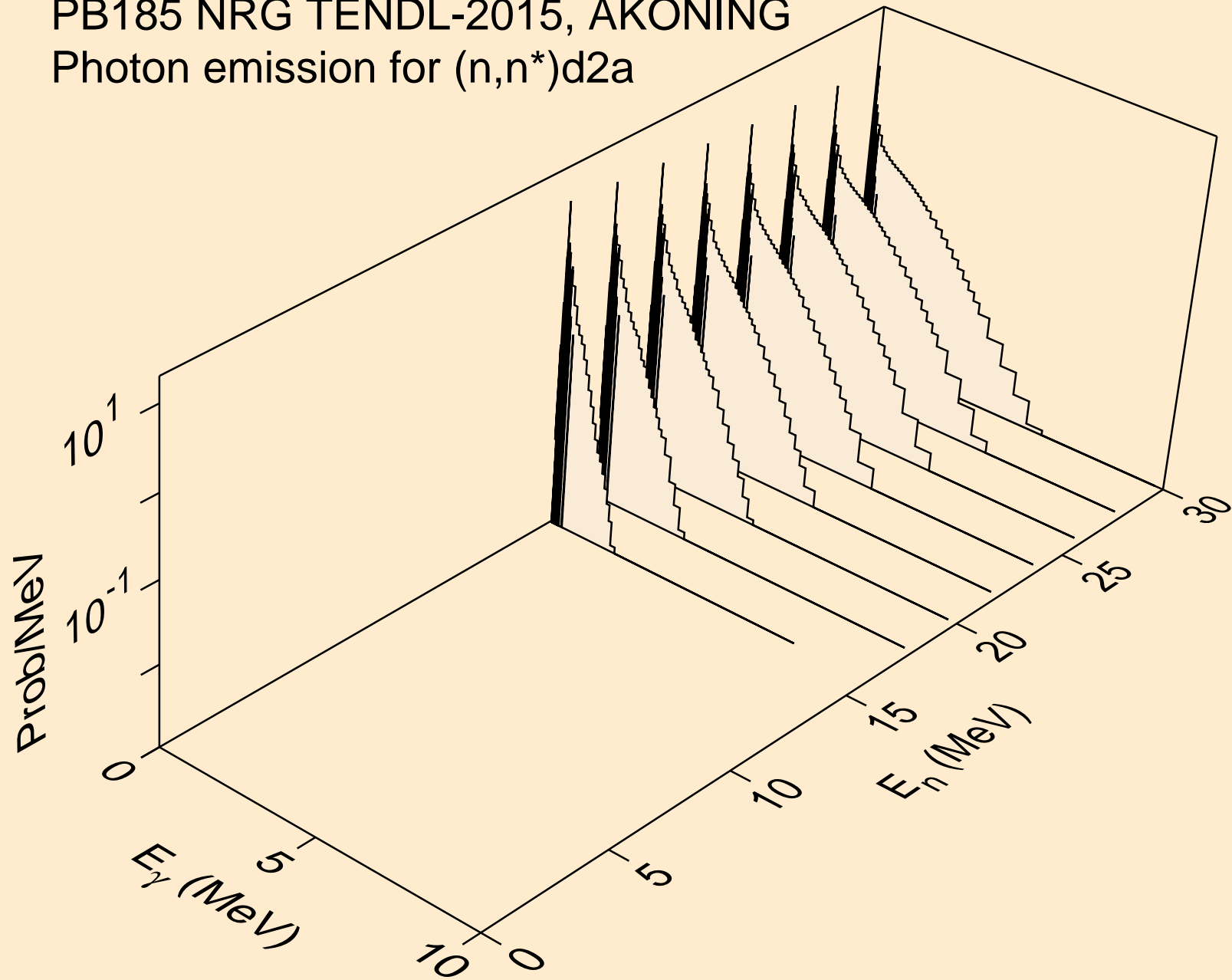
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Photon emission for (n,n\*)t



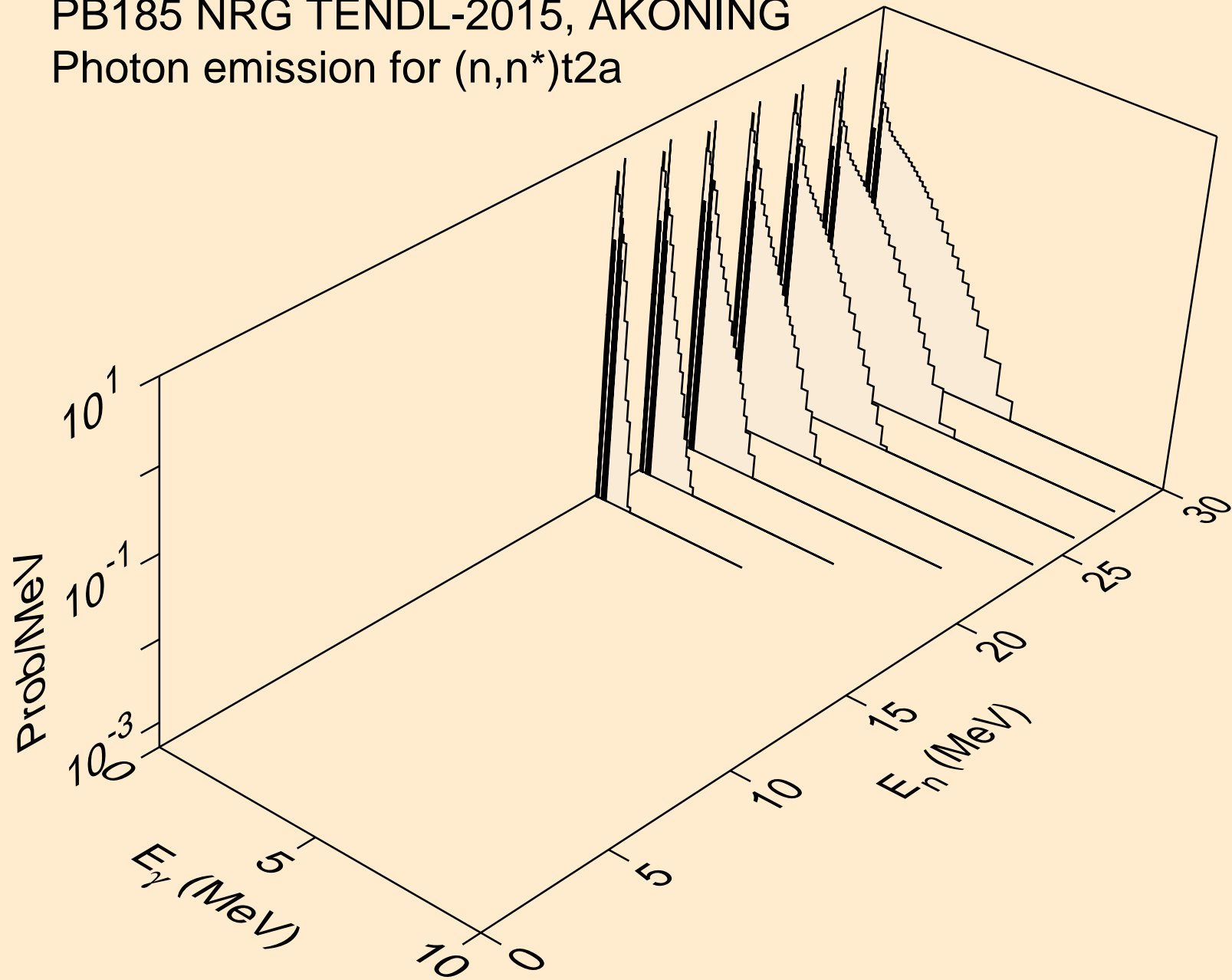
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Photon emission for (n,n\*)he3



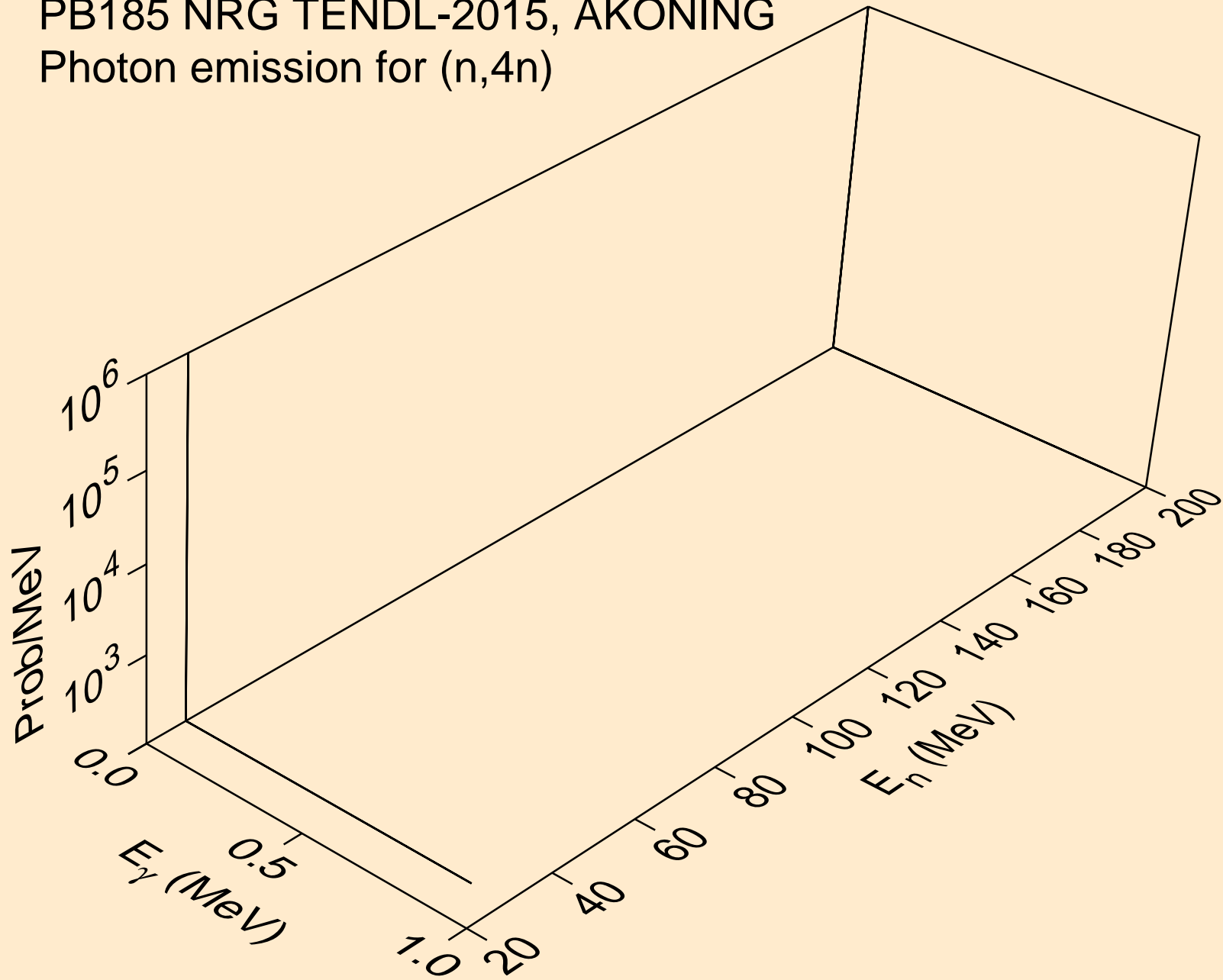
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



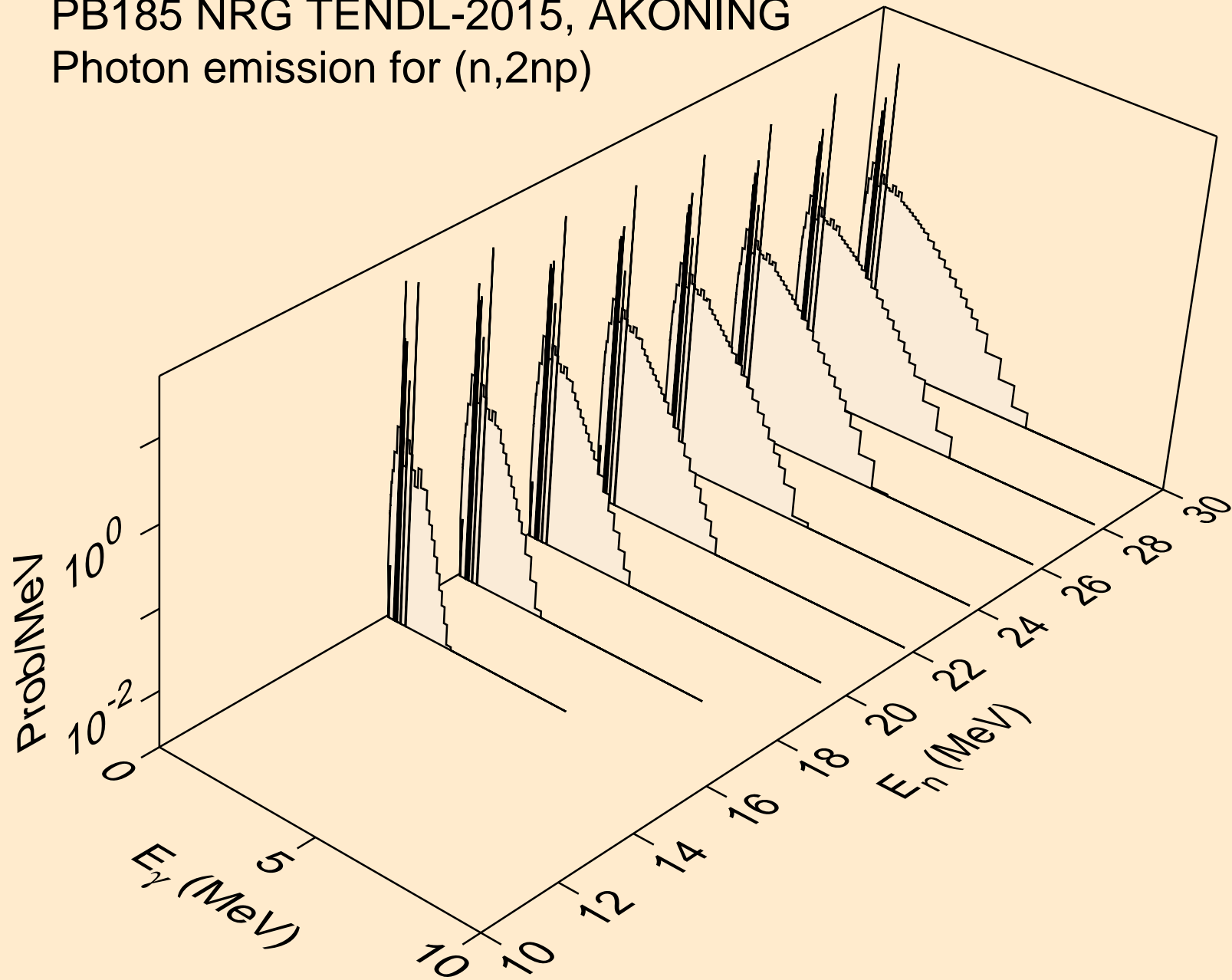
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

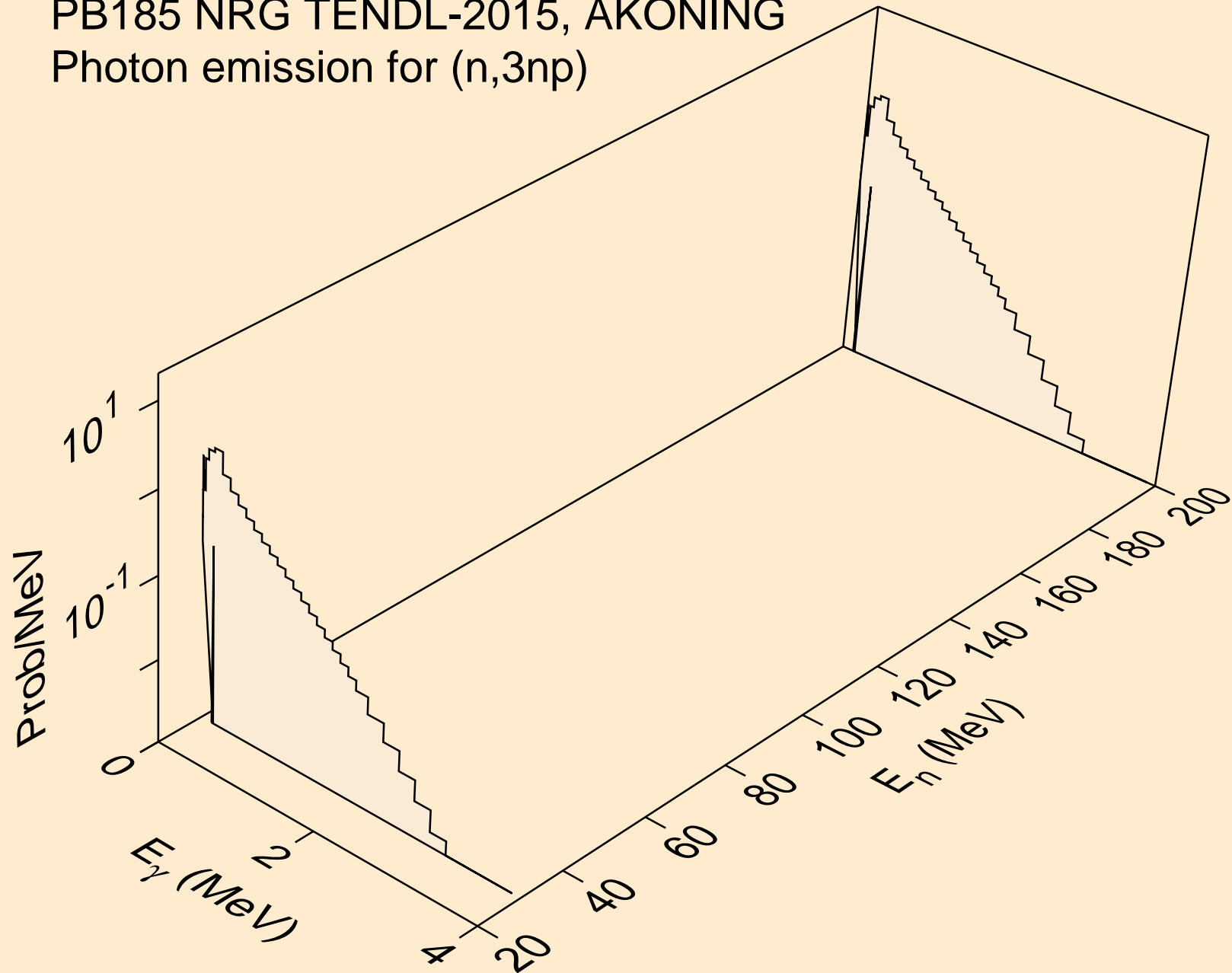


PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

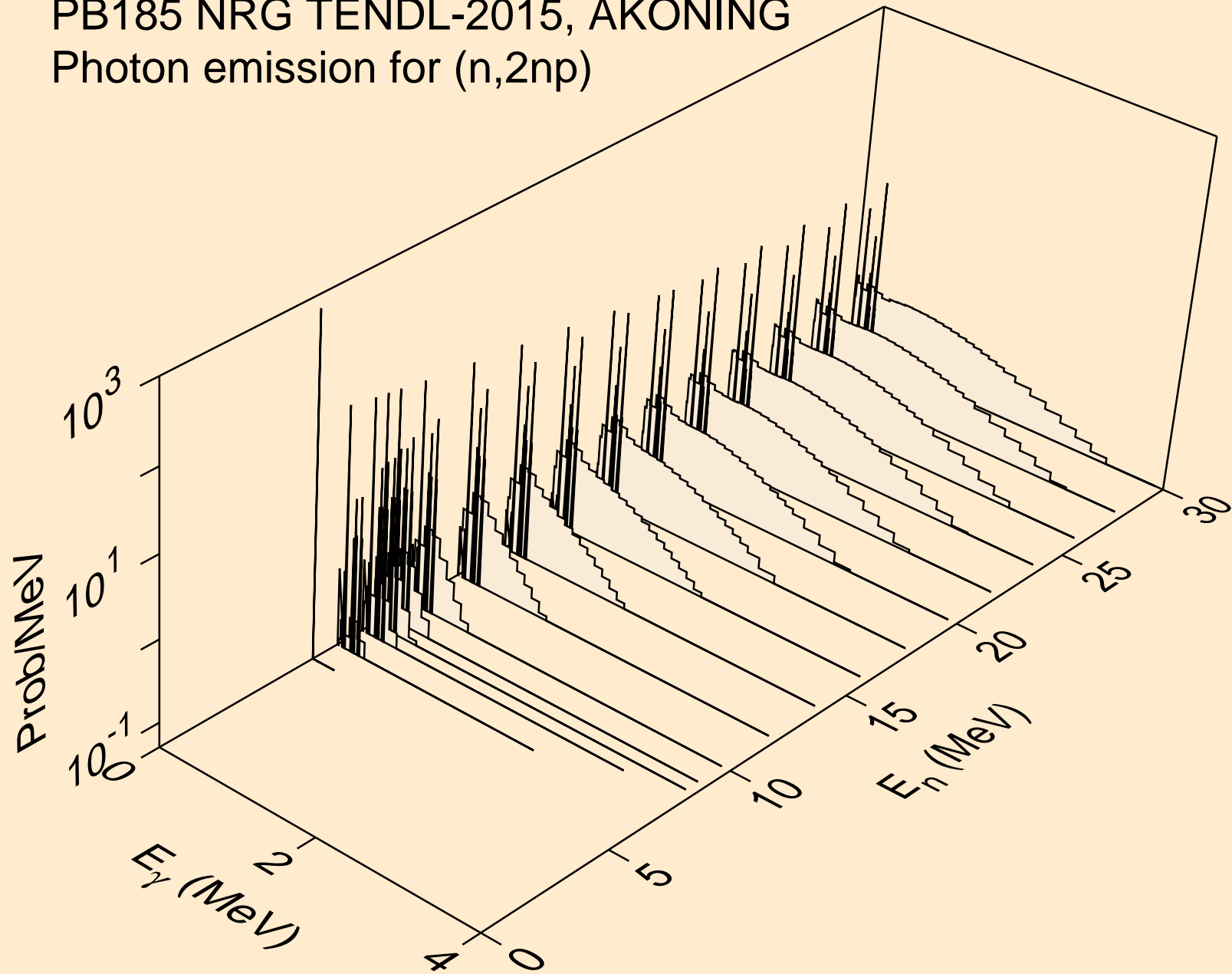




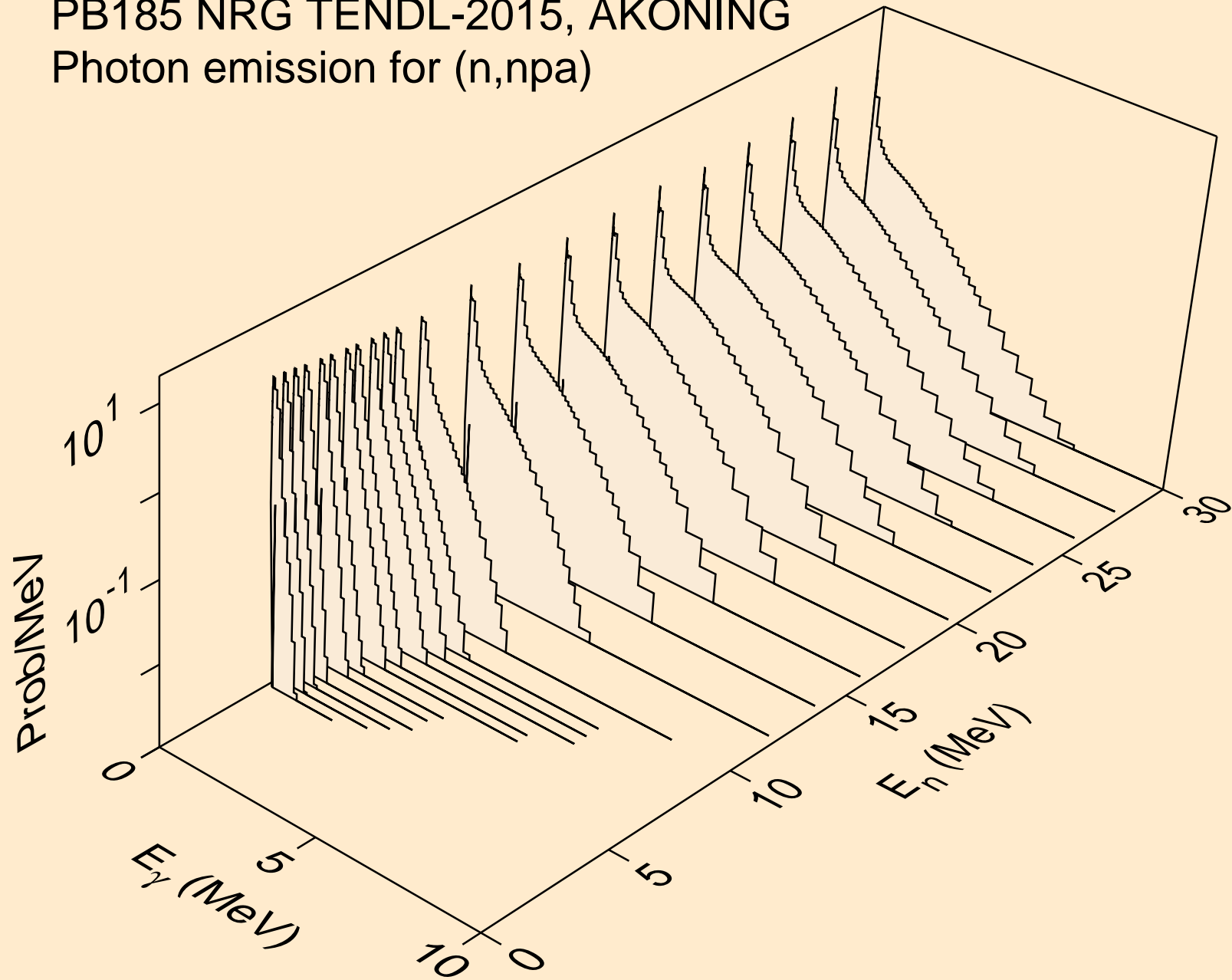
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Photon emission for (n,3np)



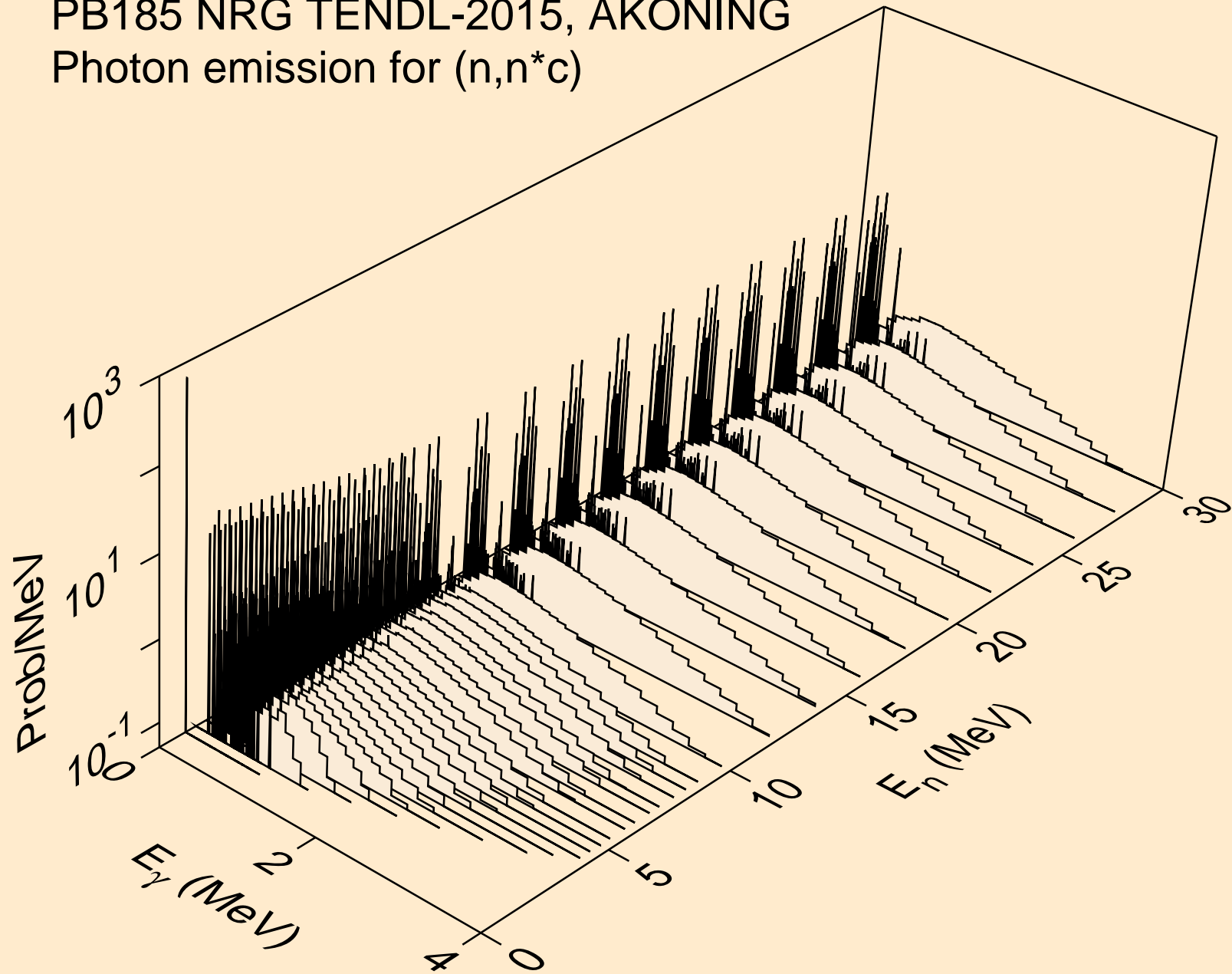
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Photon emission for (n,2np)



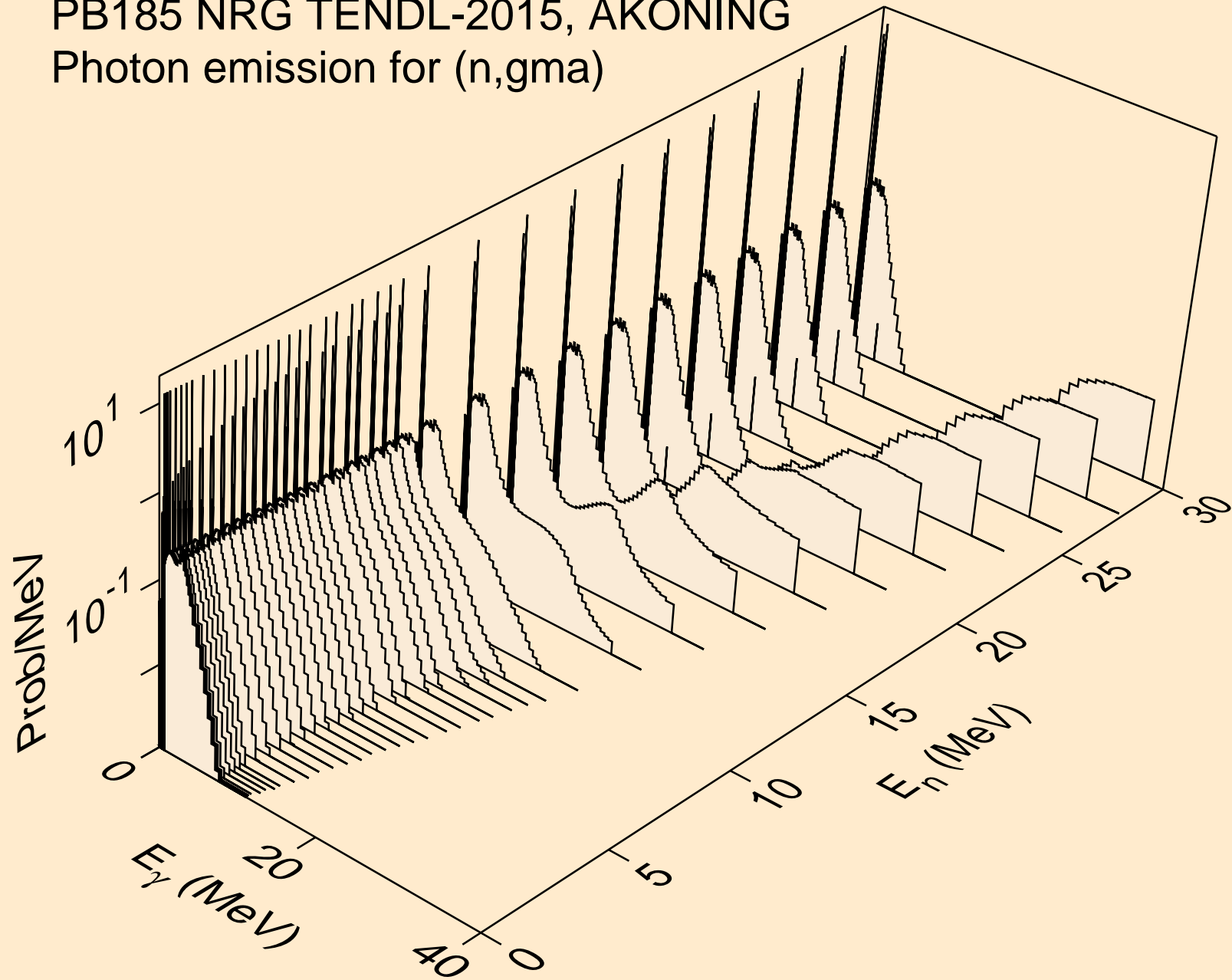
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Photon emission for (n,npa)



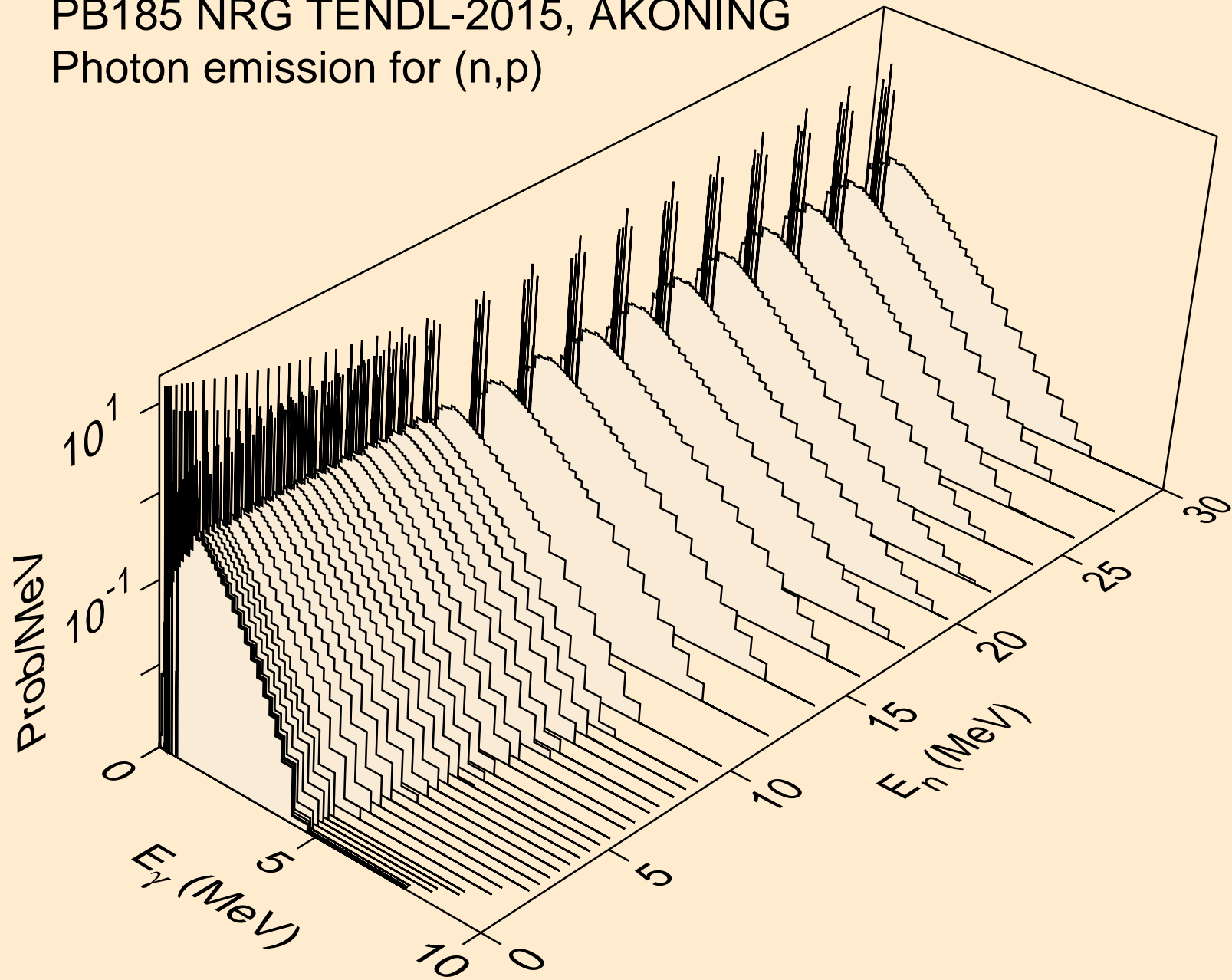
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Photon emission for (n,n\*c)



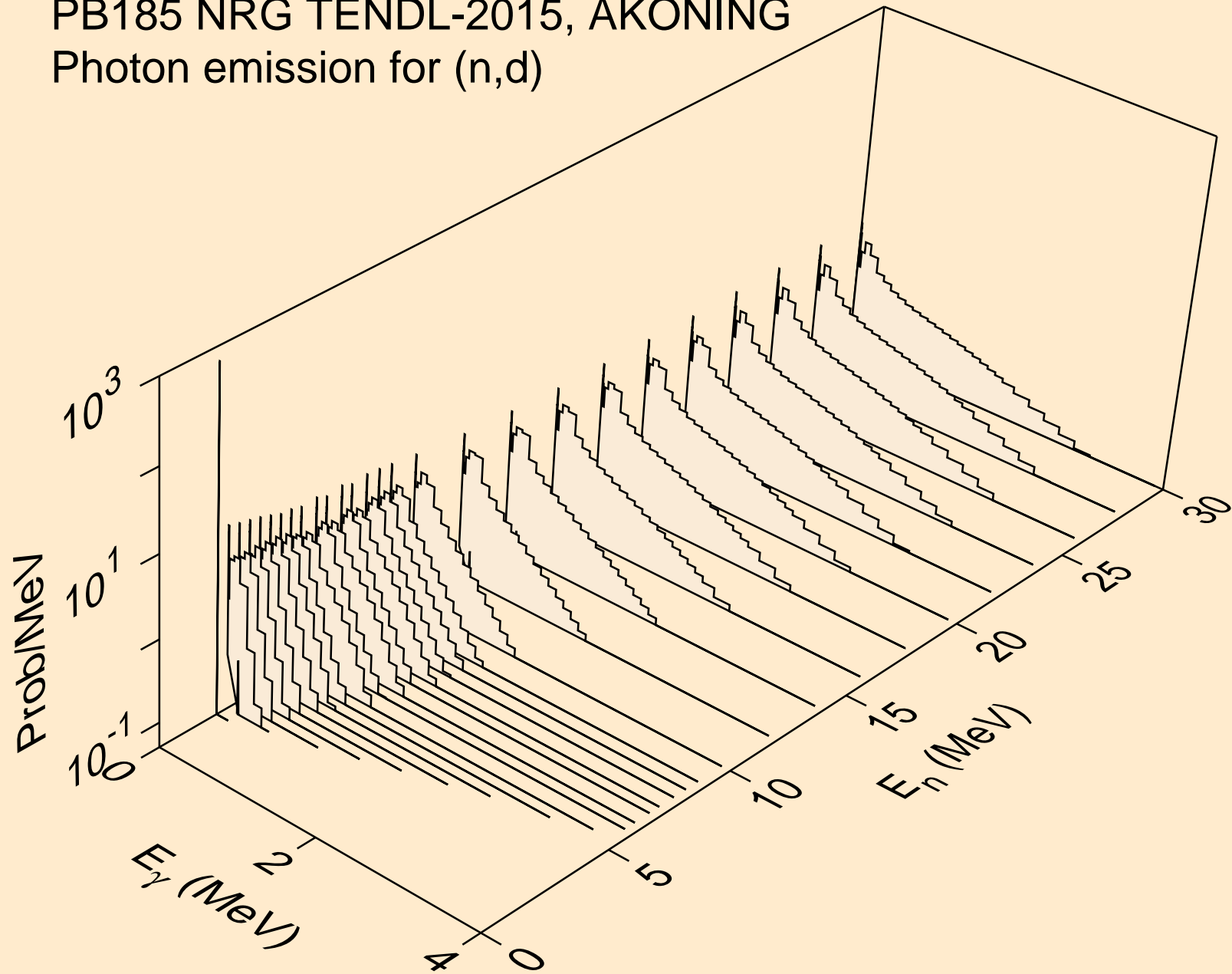
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Photon emission for (n,gma)



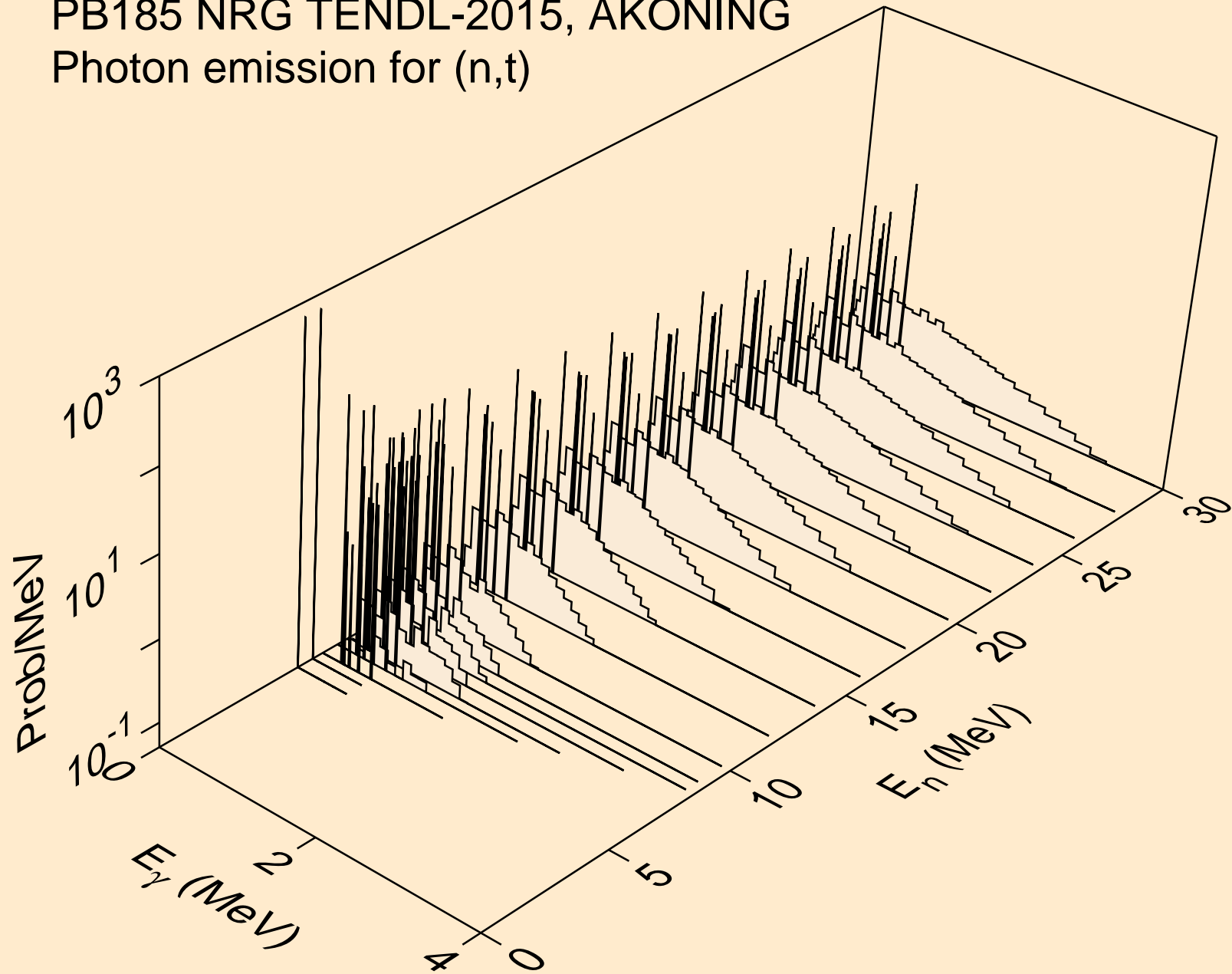
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

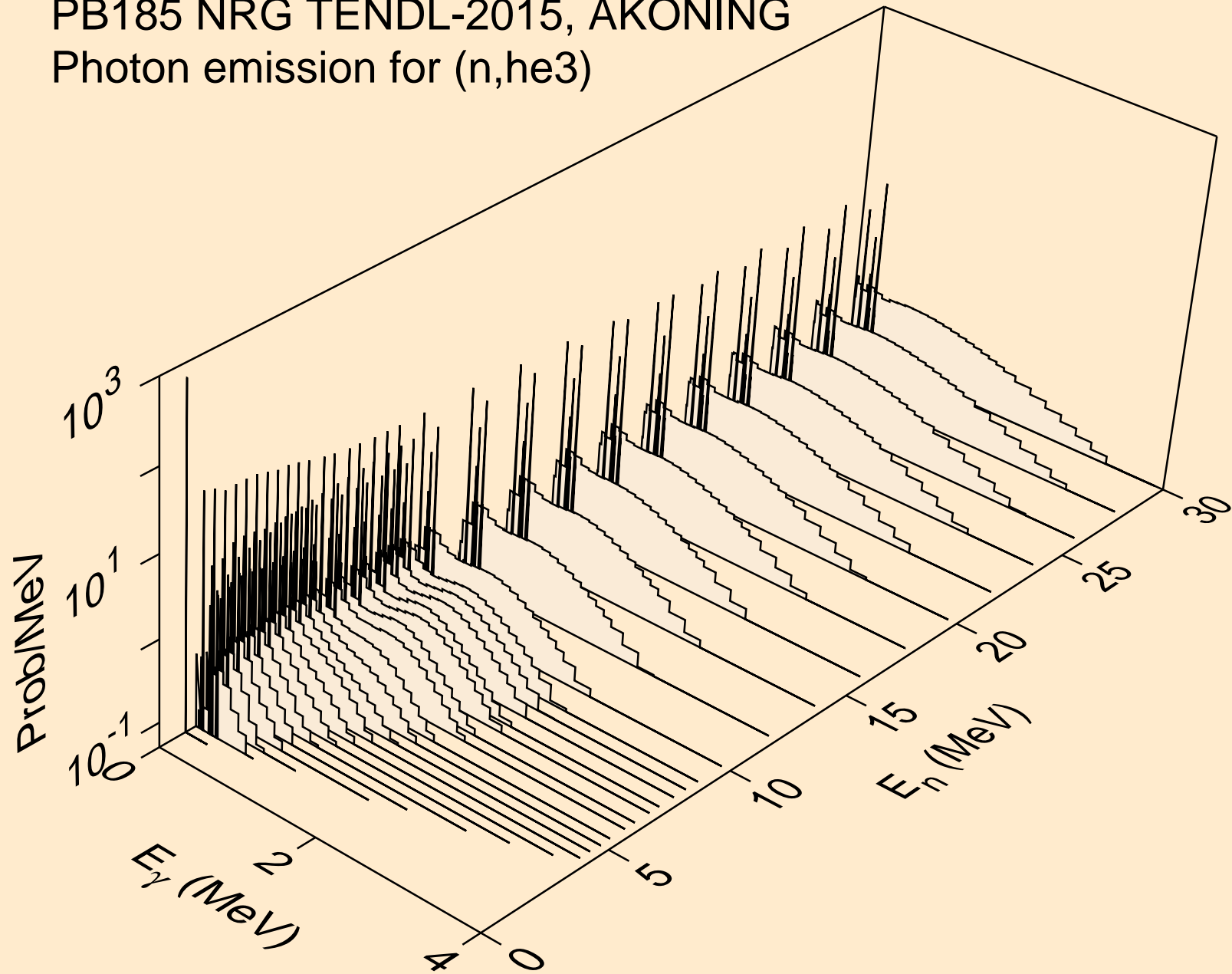


PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

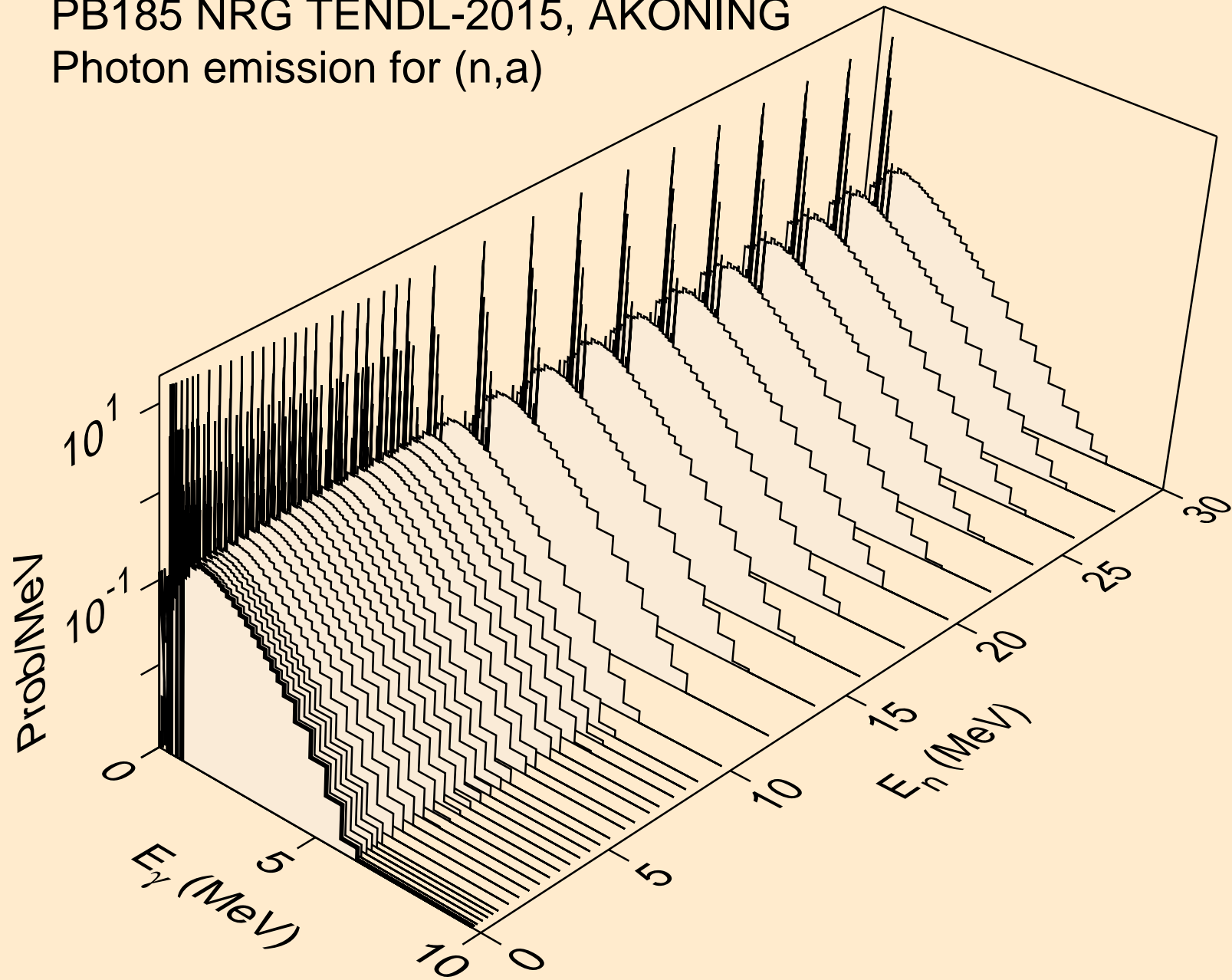




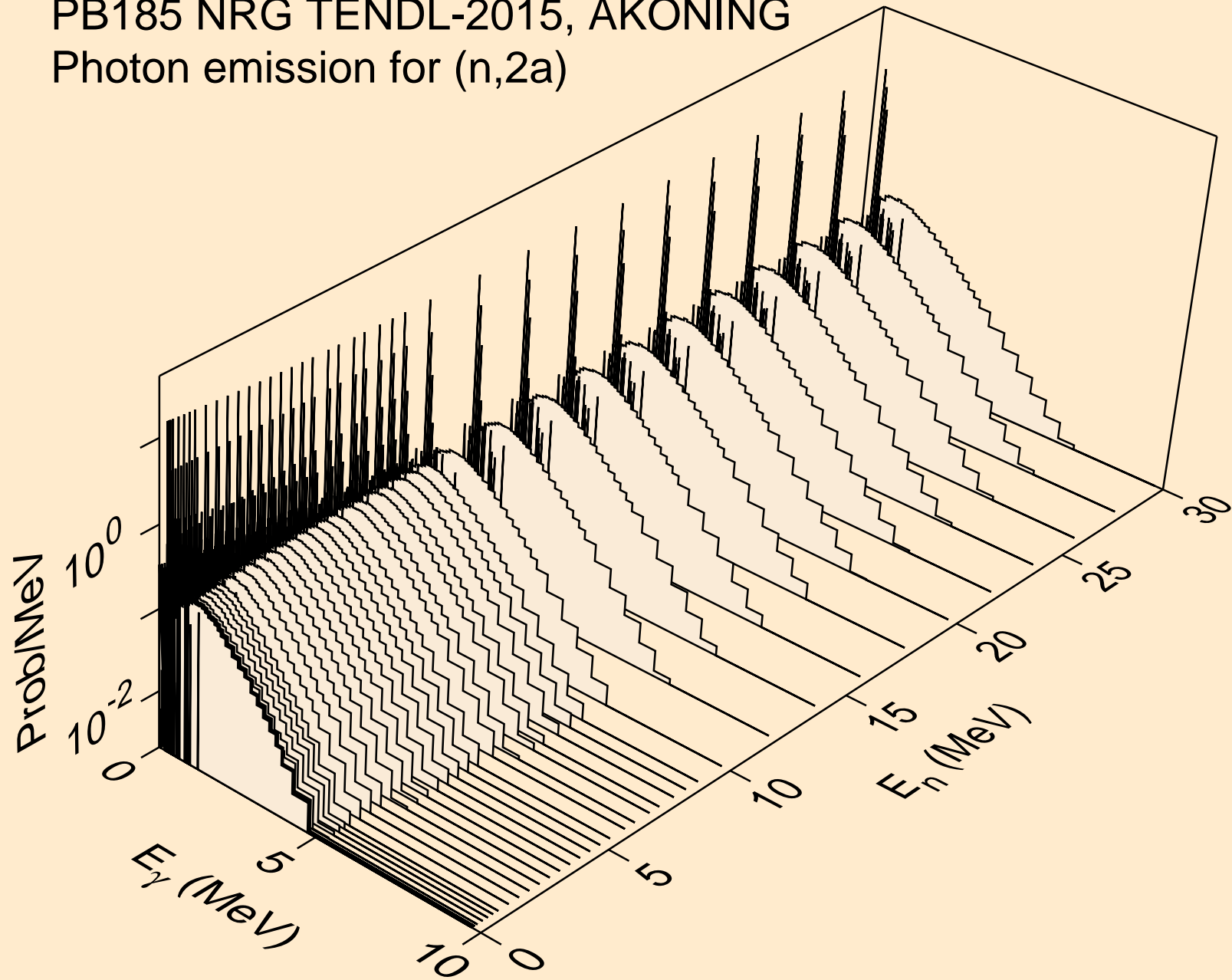
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Photon emission for (n,he3)



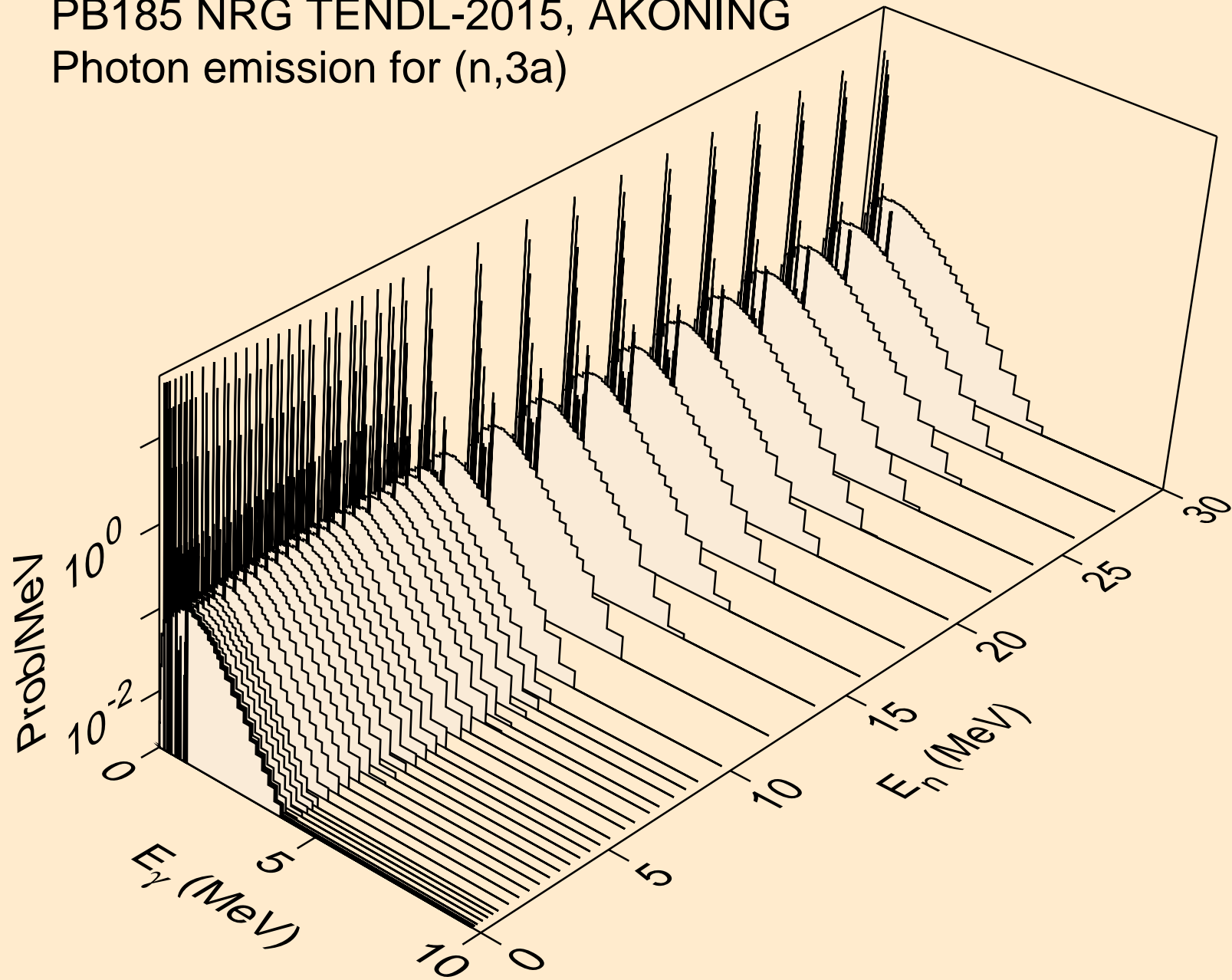
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Photon emission for (n,a)



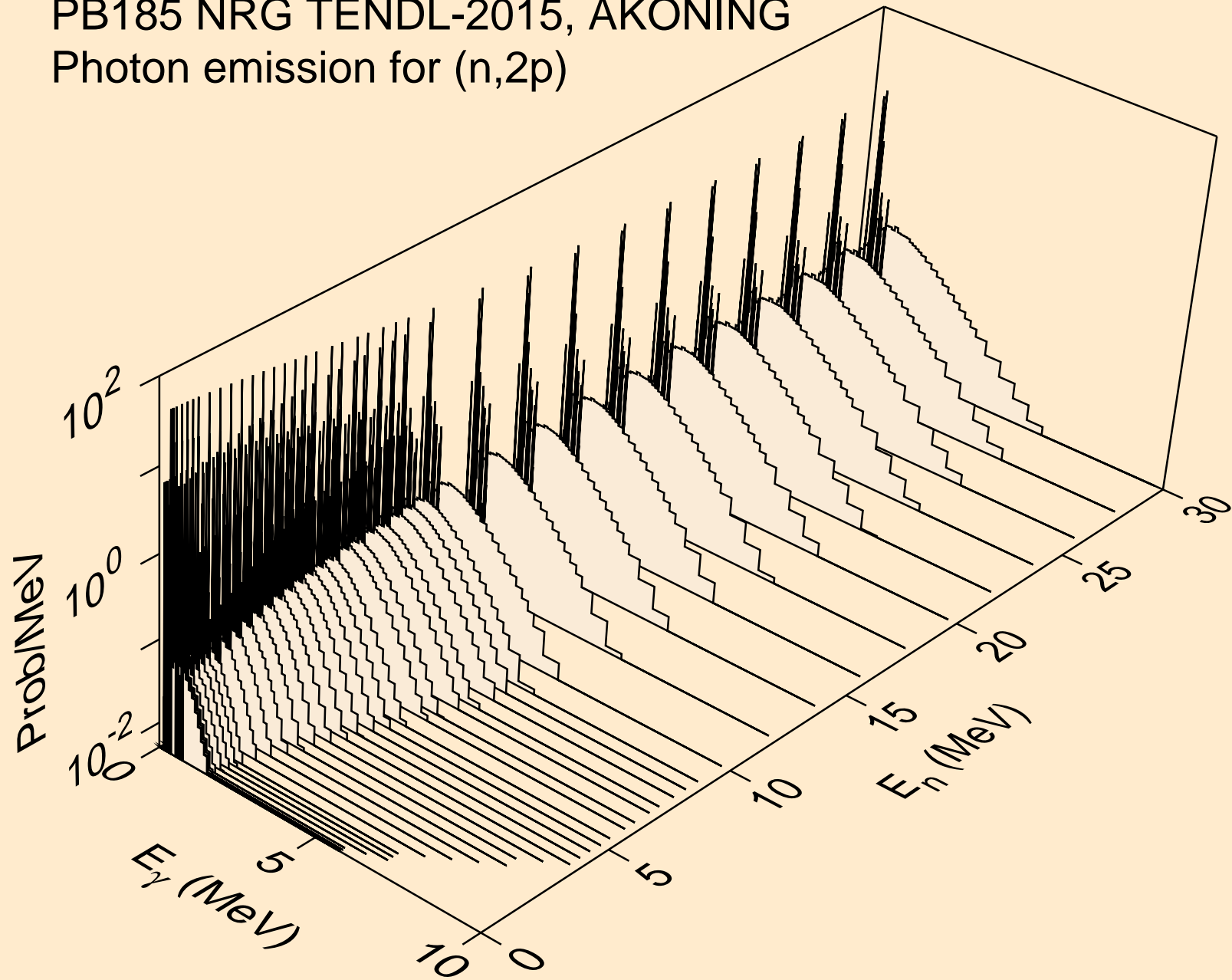
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Photon emission for (n,2a)



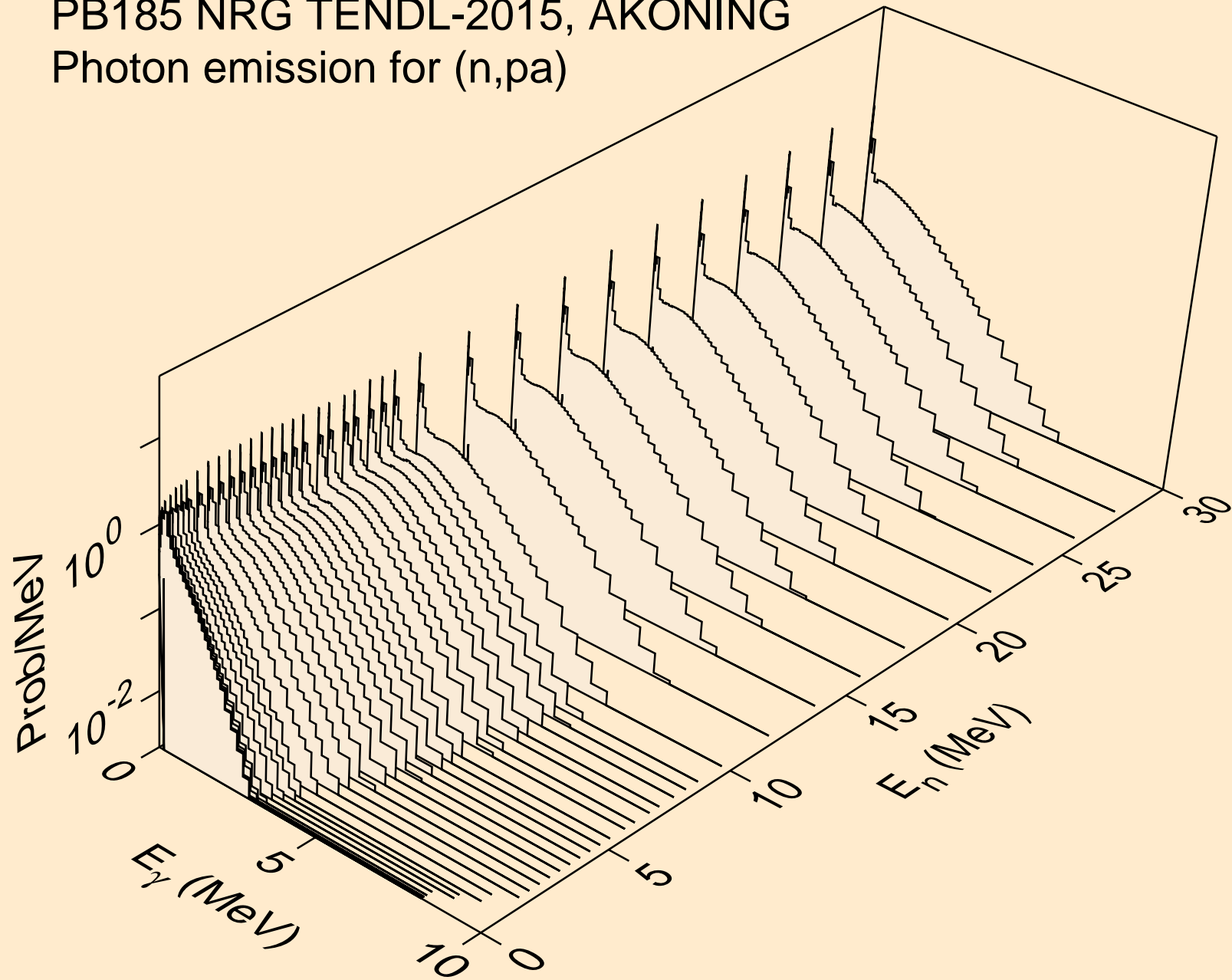
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



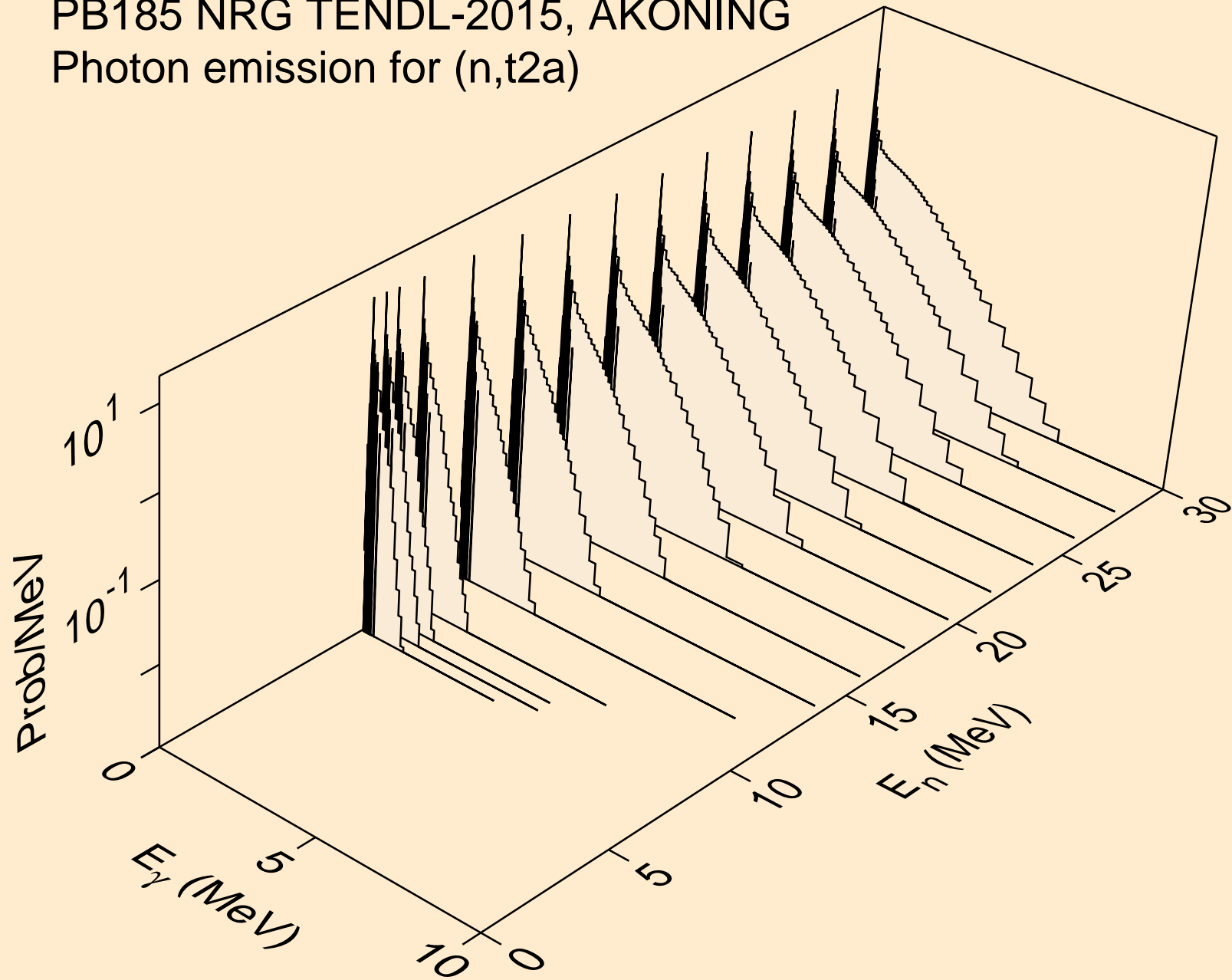
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Photon emission for (n,2p)



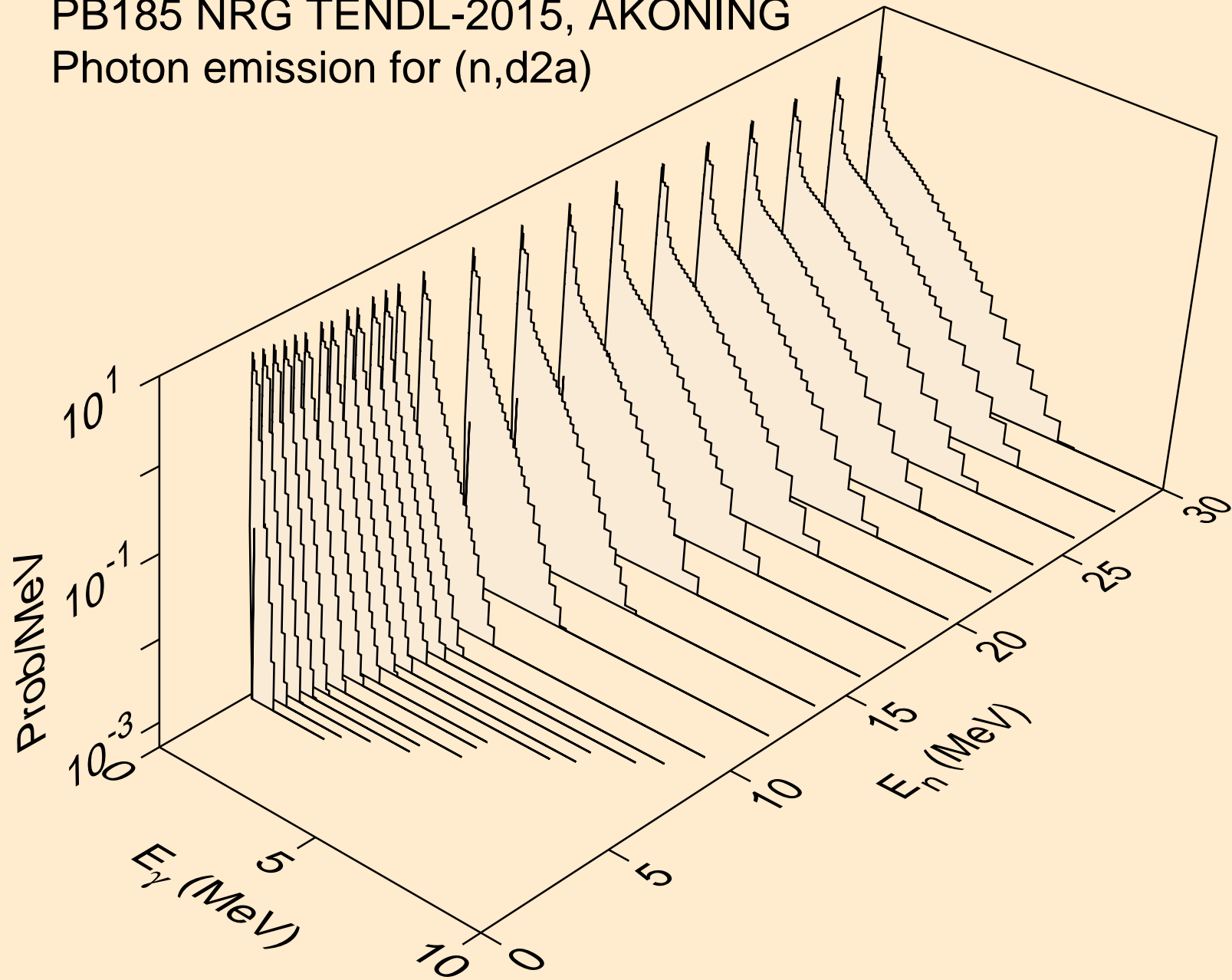
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Photon emission for (n,p $\alpha$ )



PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

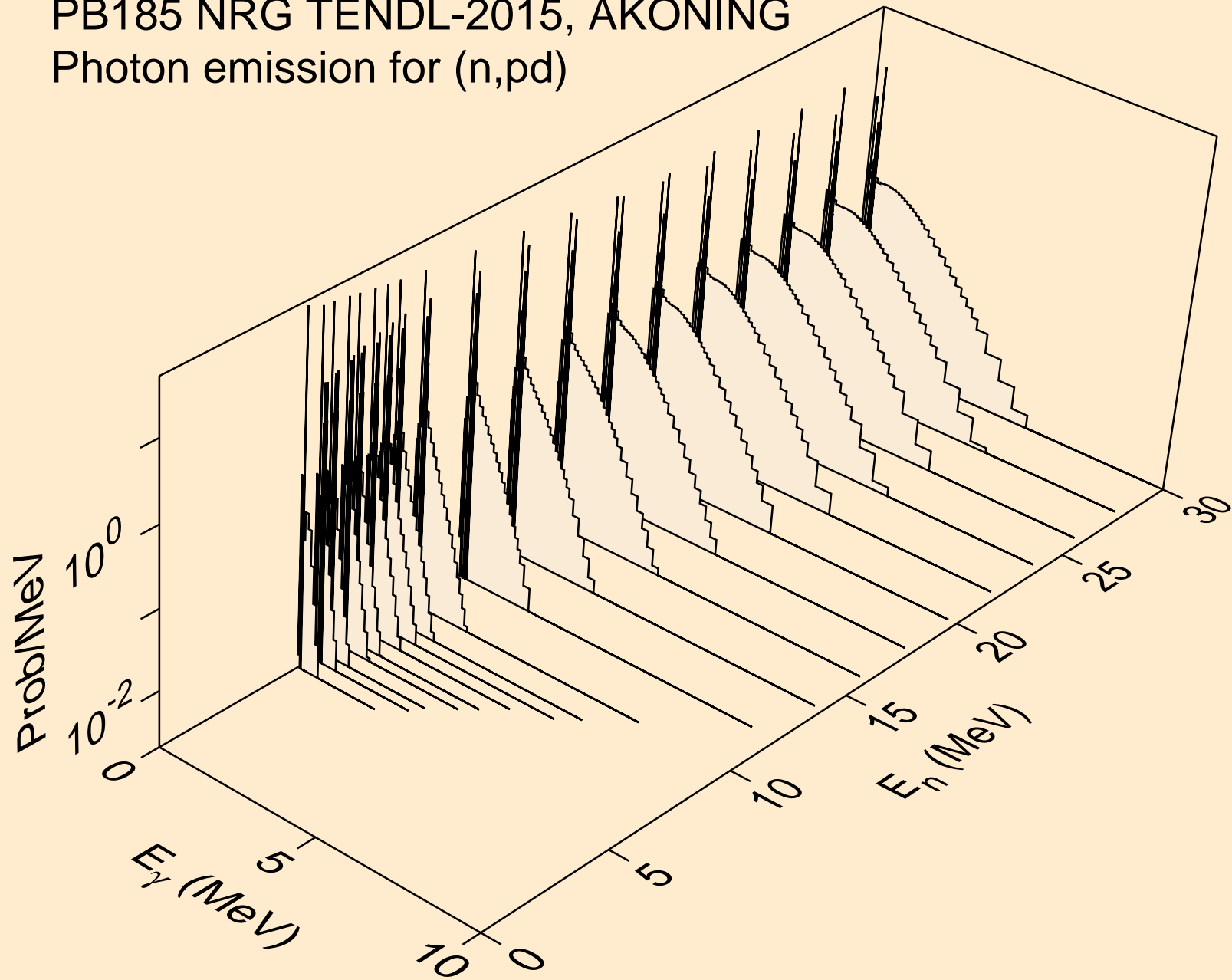


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Photon emission for (n,d2a)

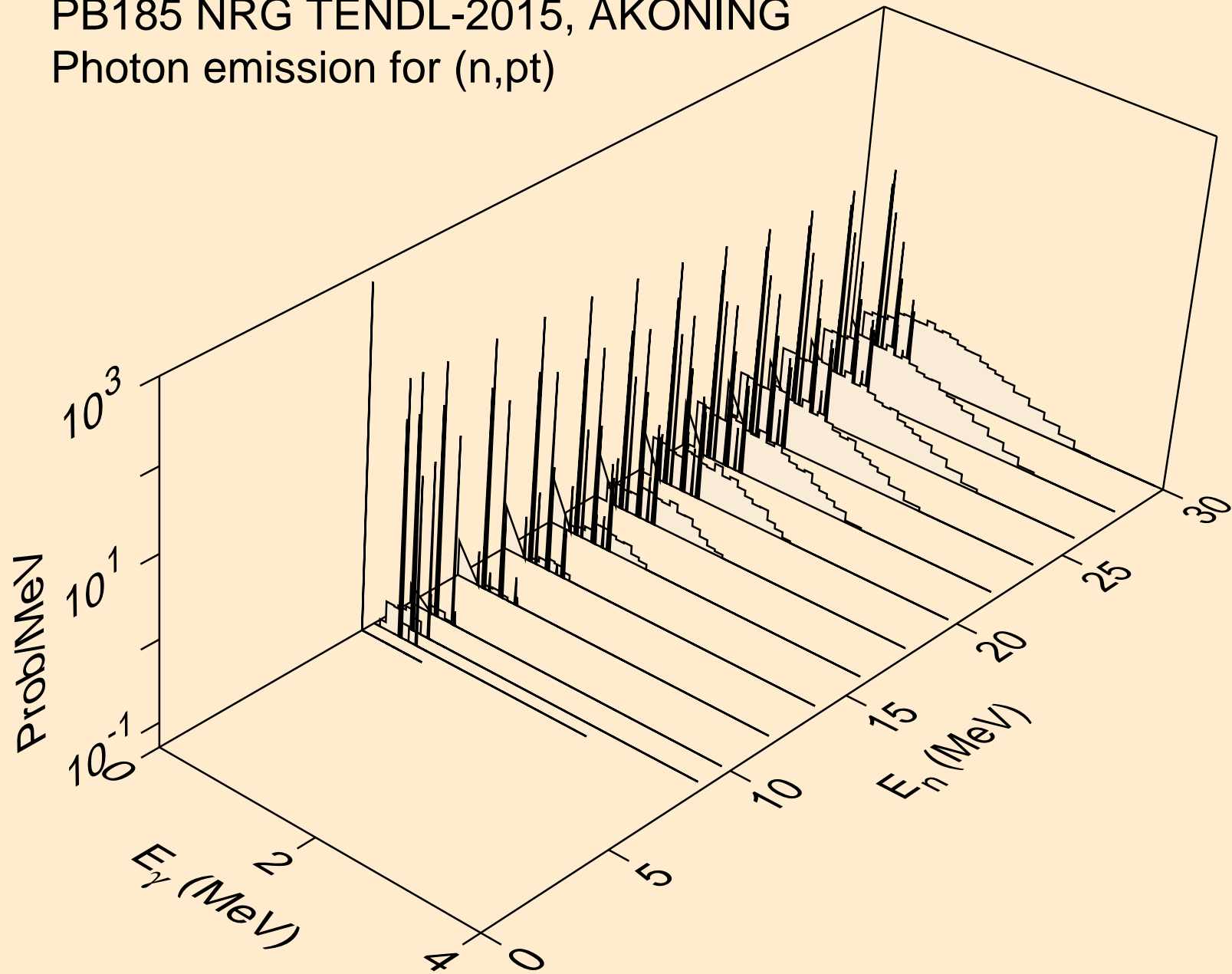




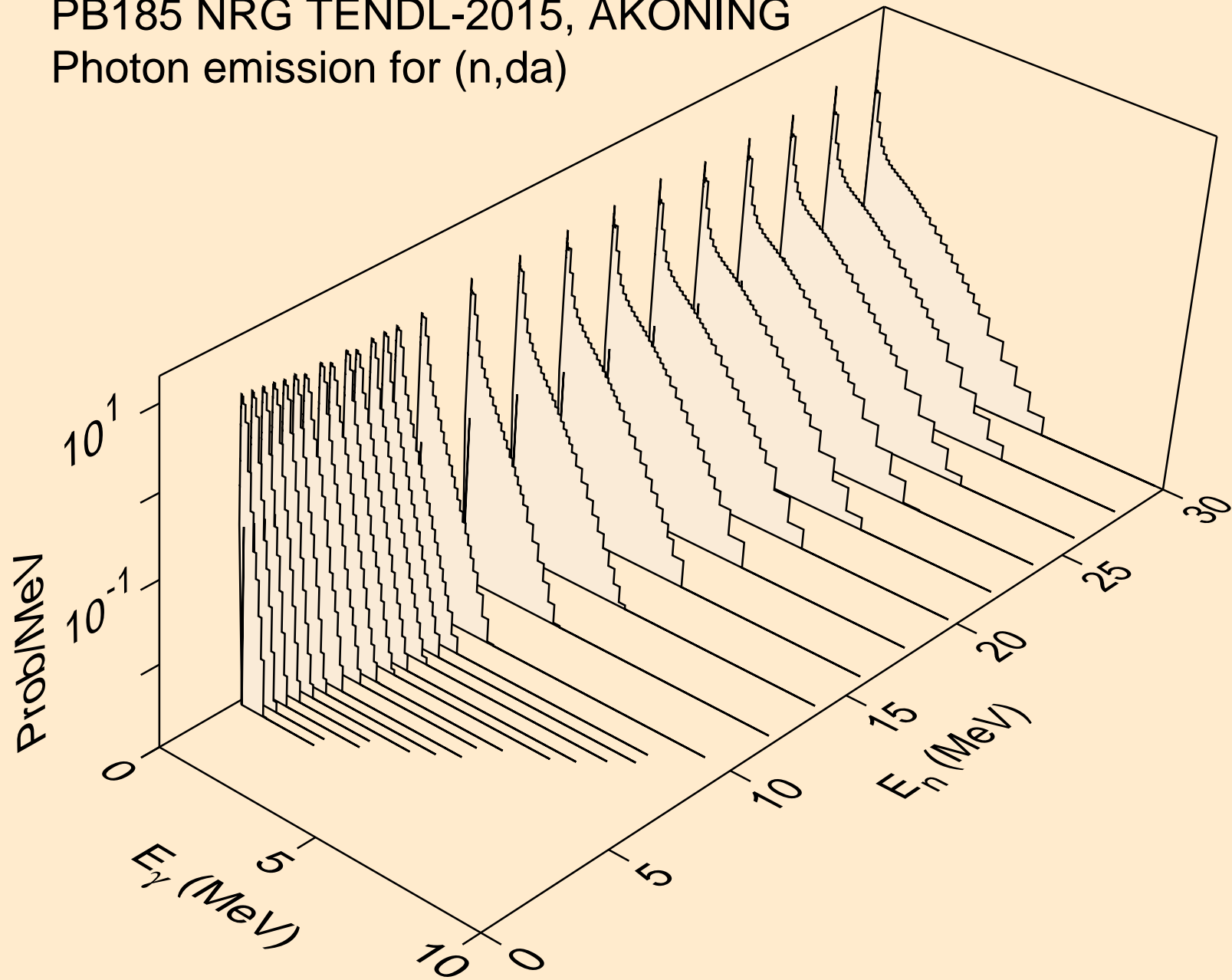
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



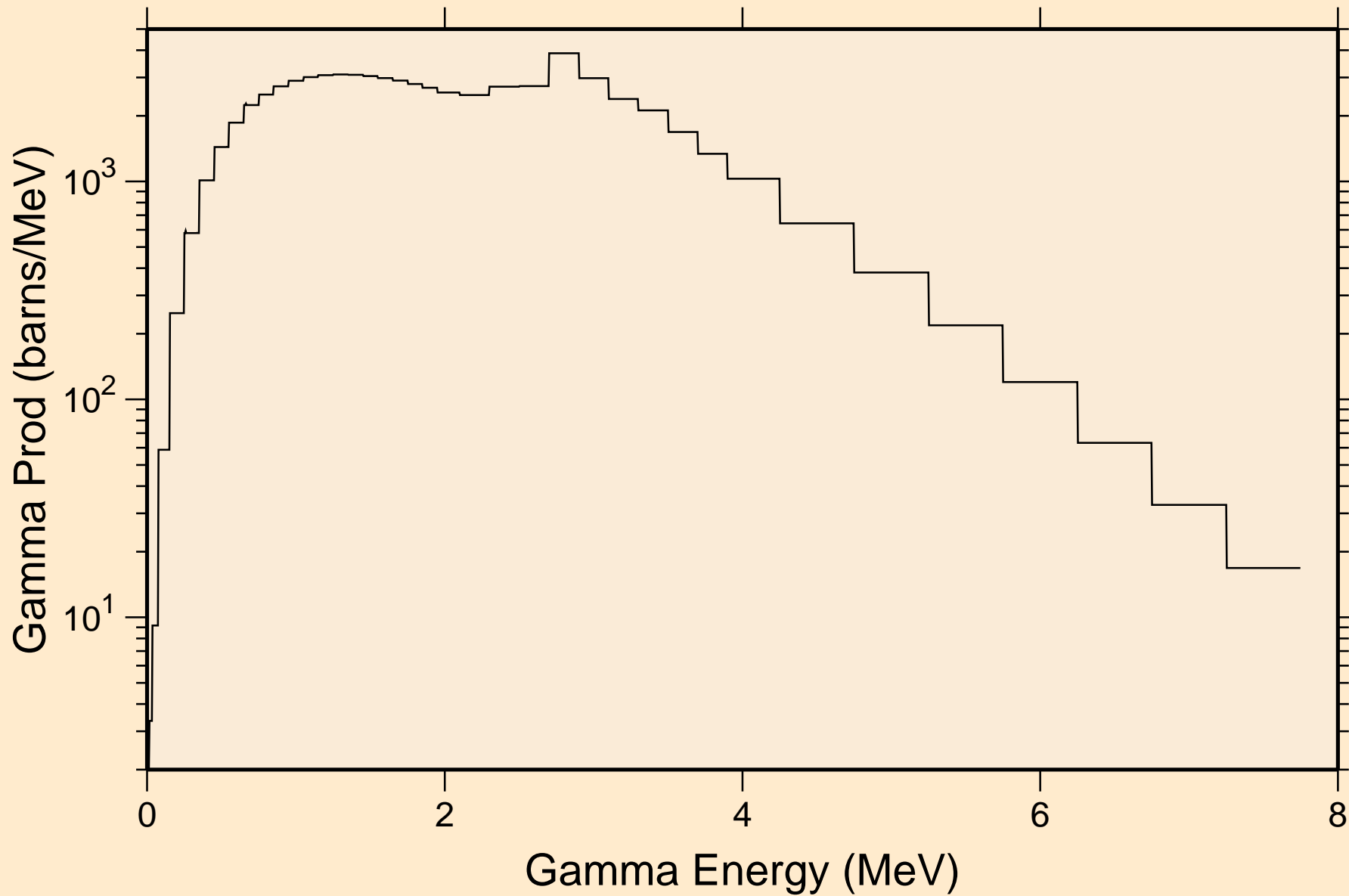
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



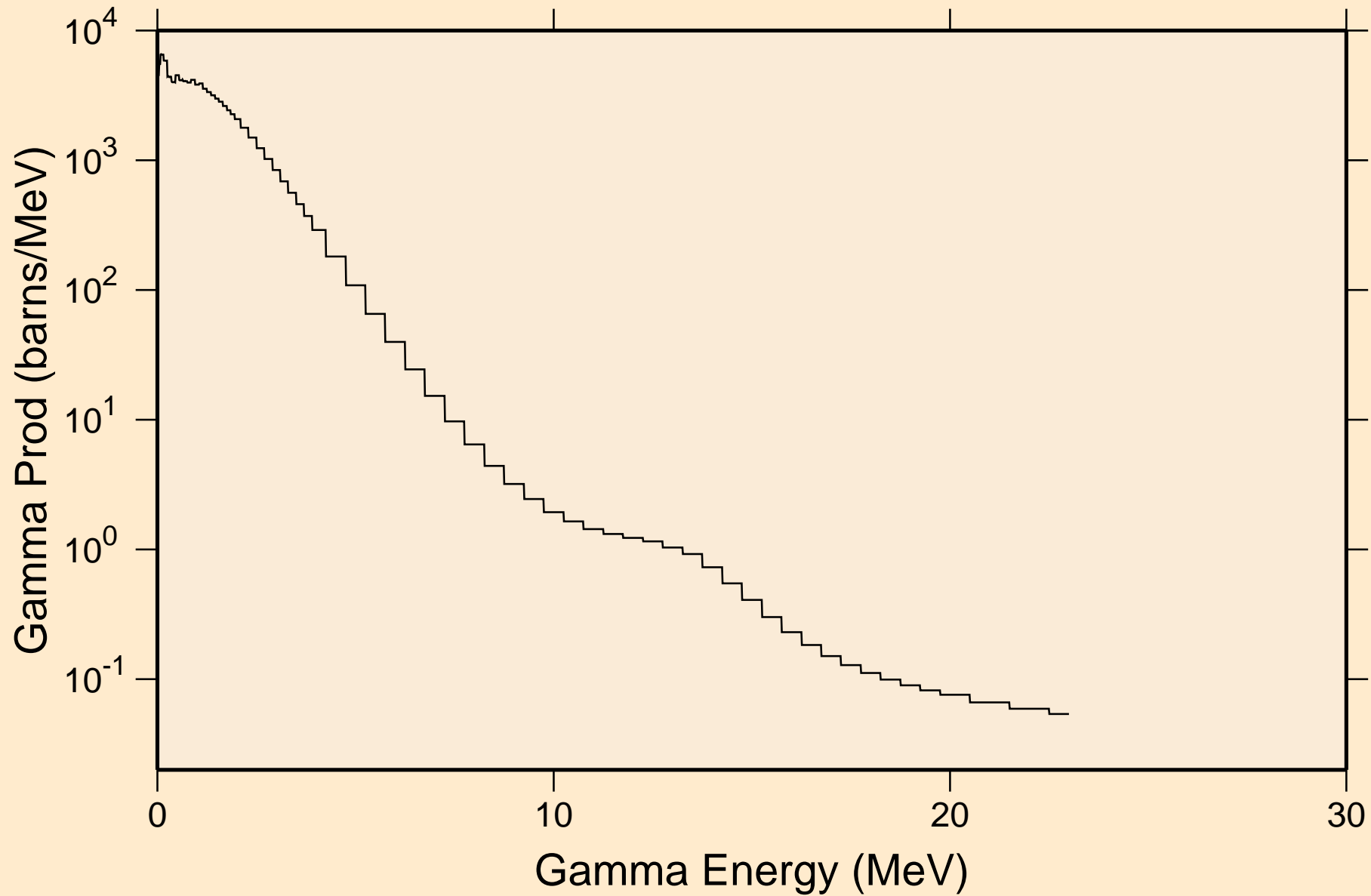
PB185 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PB185 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

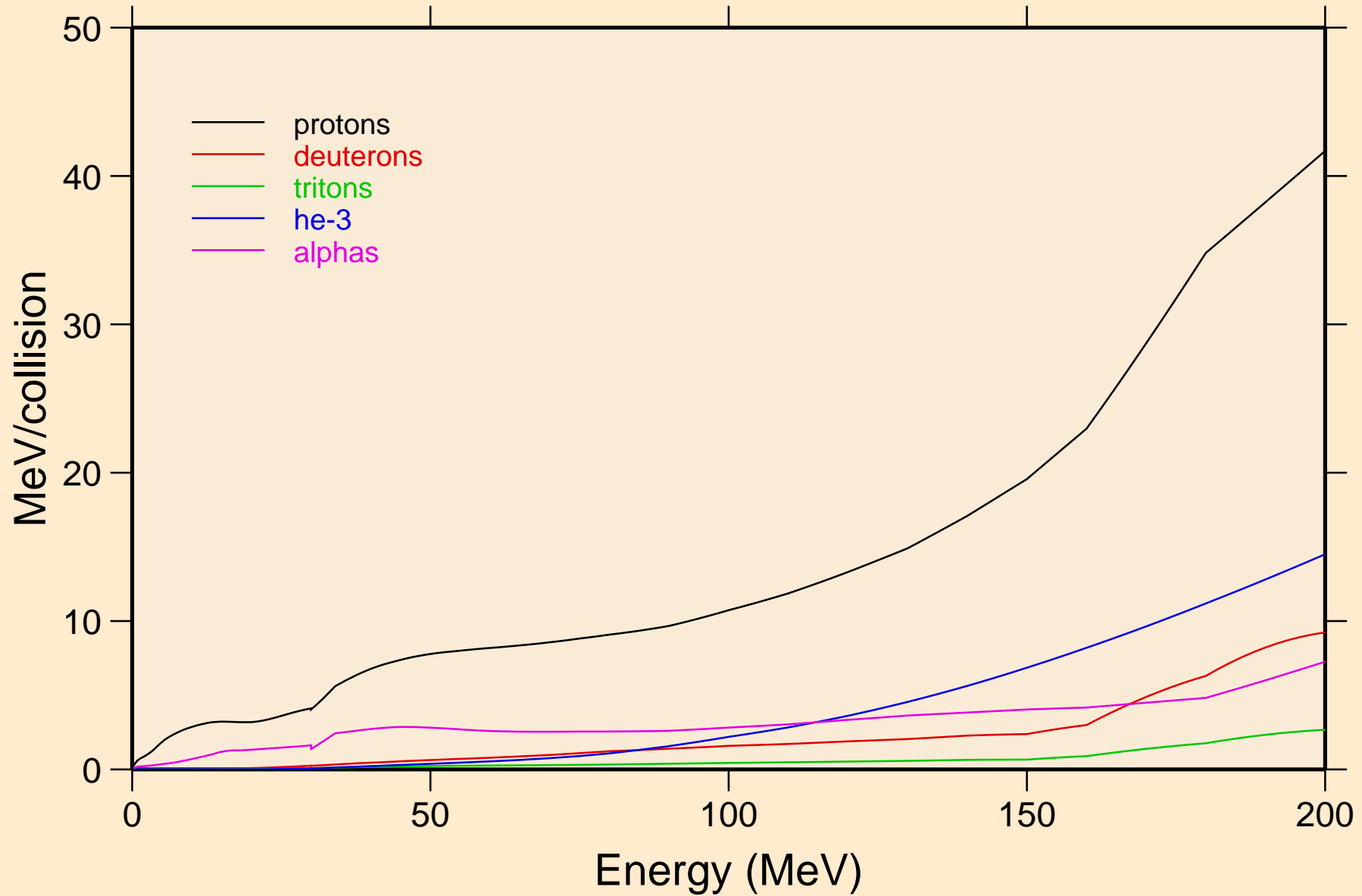


PB185 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



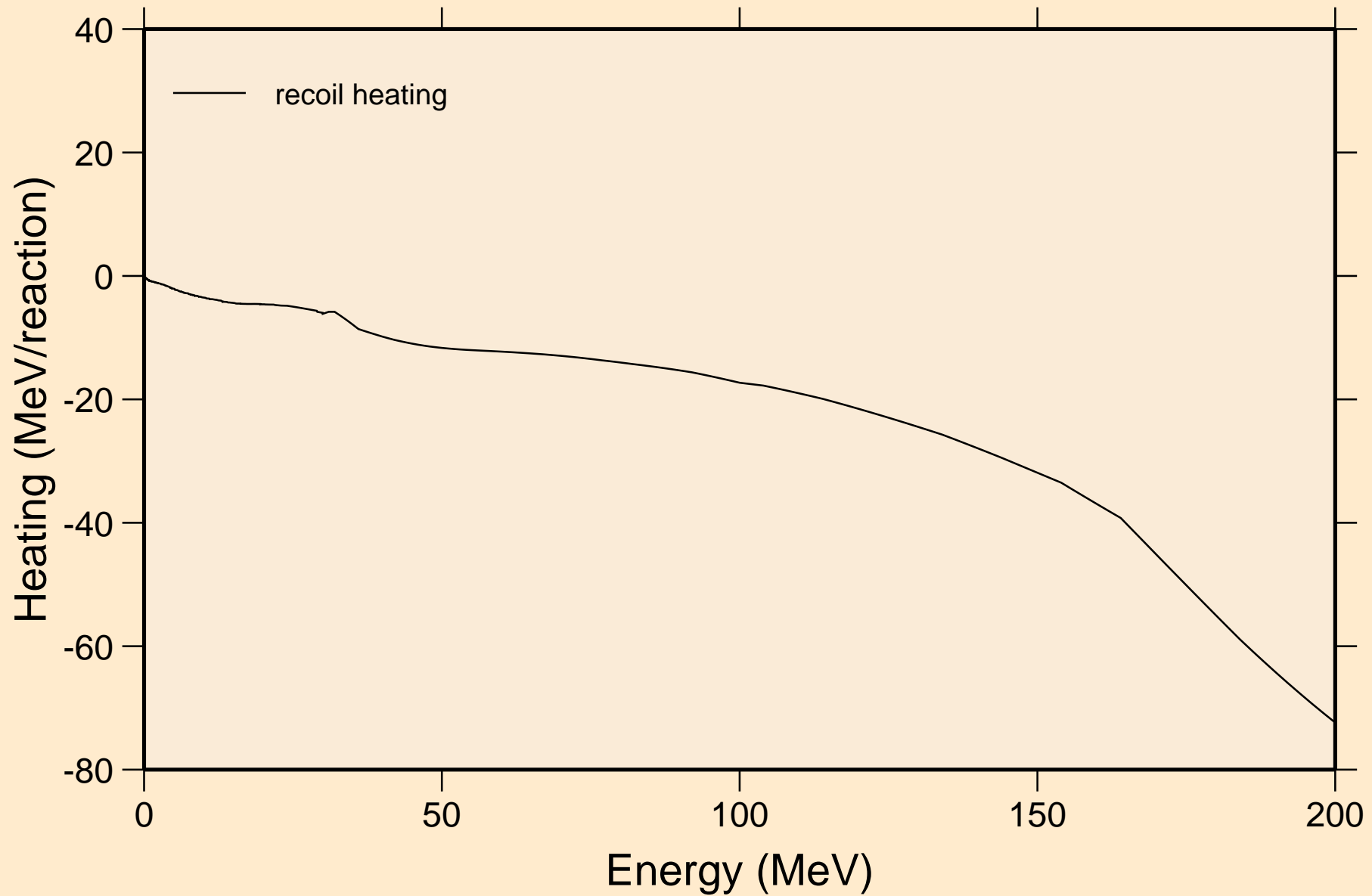
# PB185 NRG TENDL-2015, AKONING

## Particle heating contributions



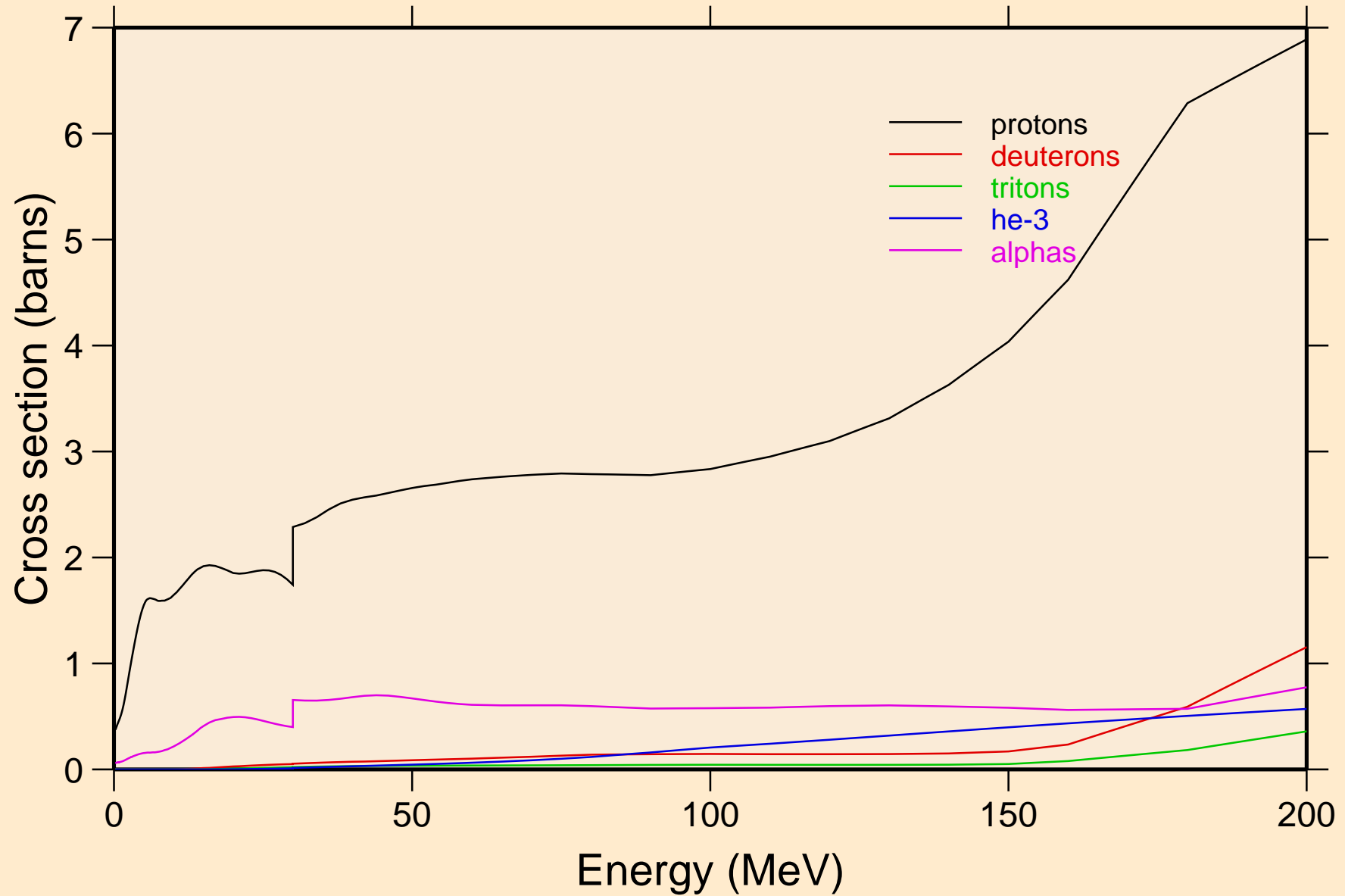
# PB185 NRG TENDL-2015, AKONING

## Recoil Heating



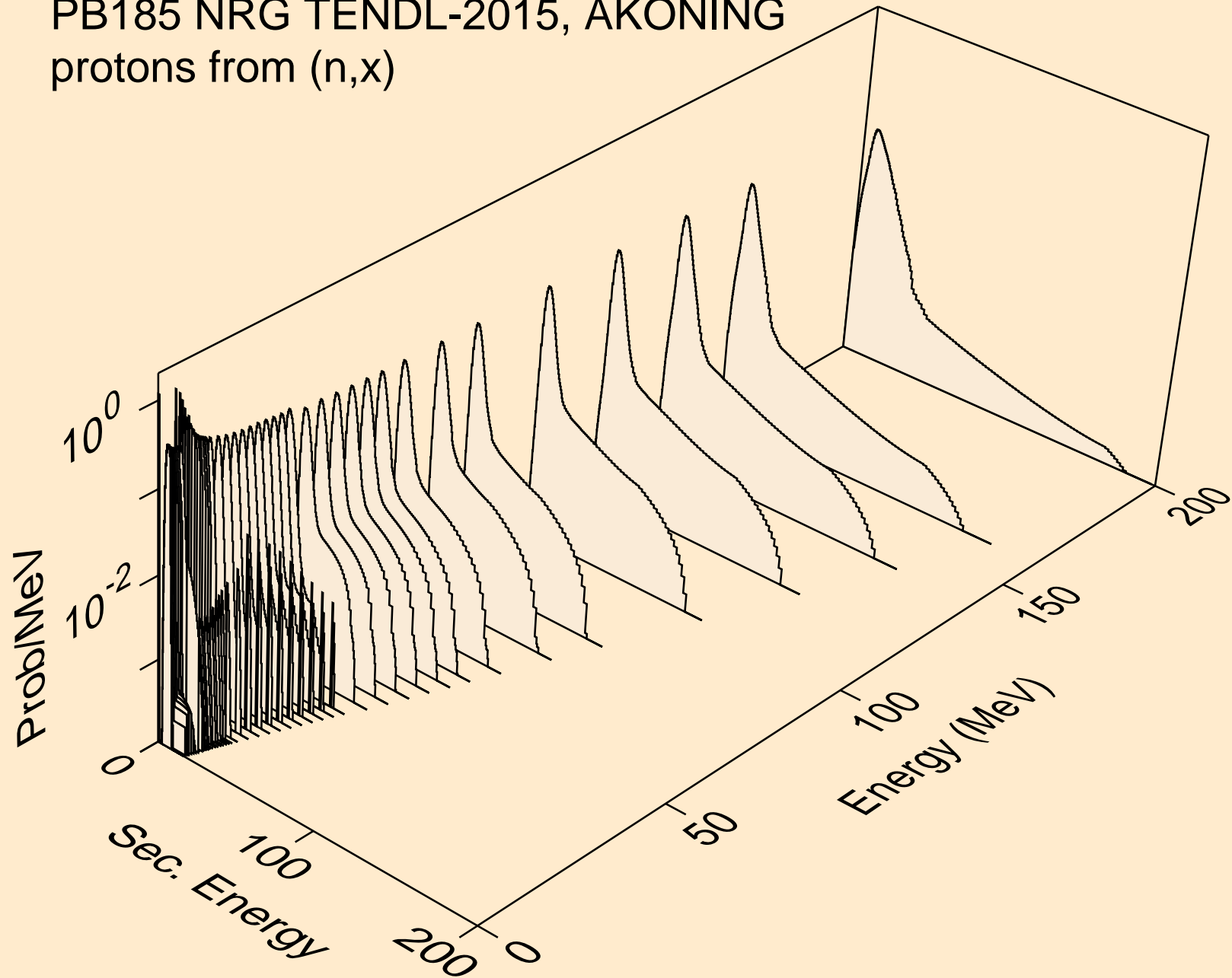
# PB185 NRG TENDL-2015, AKONING

## Particle production cross sections

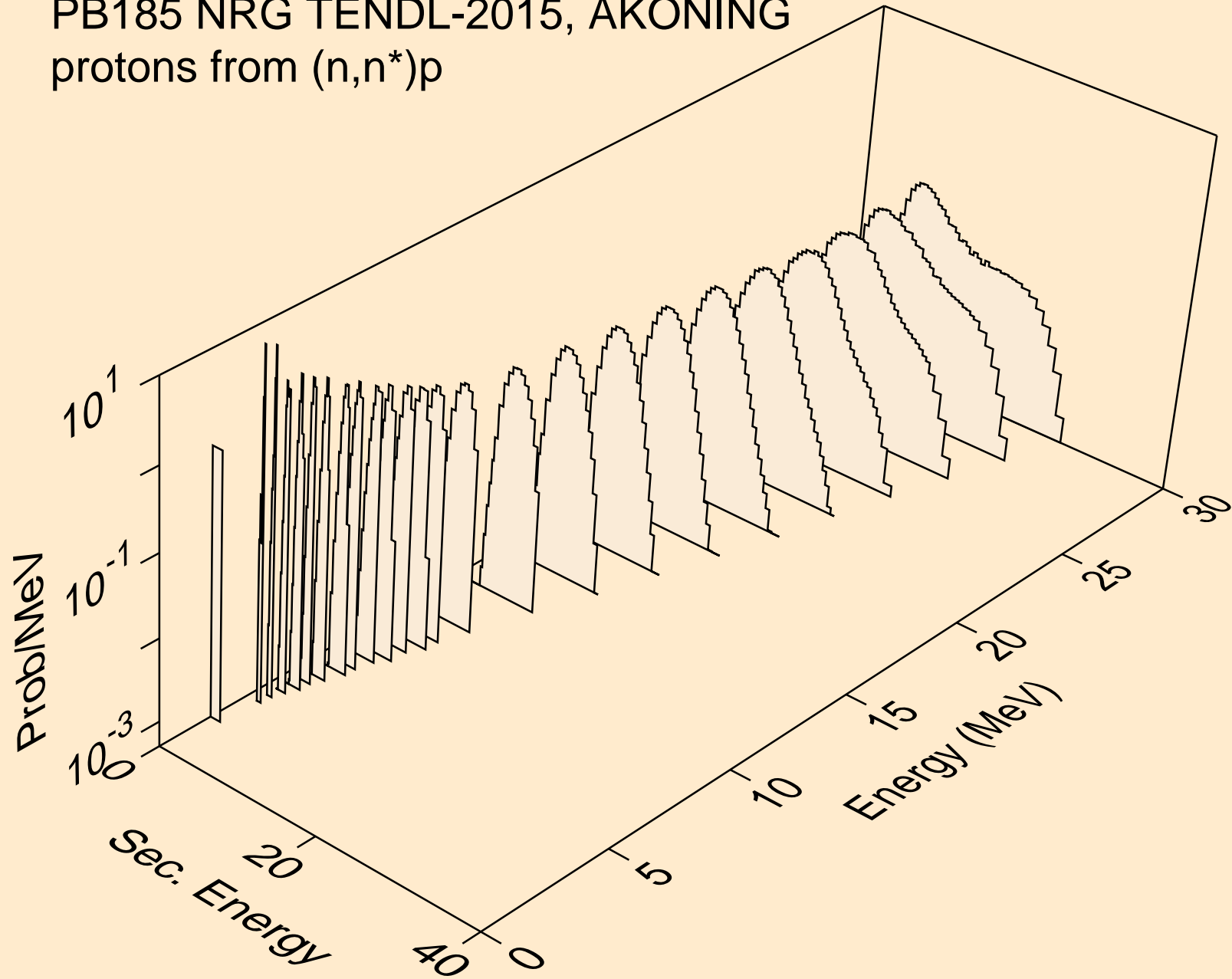




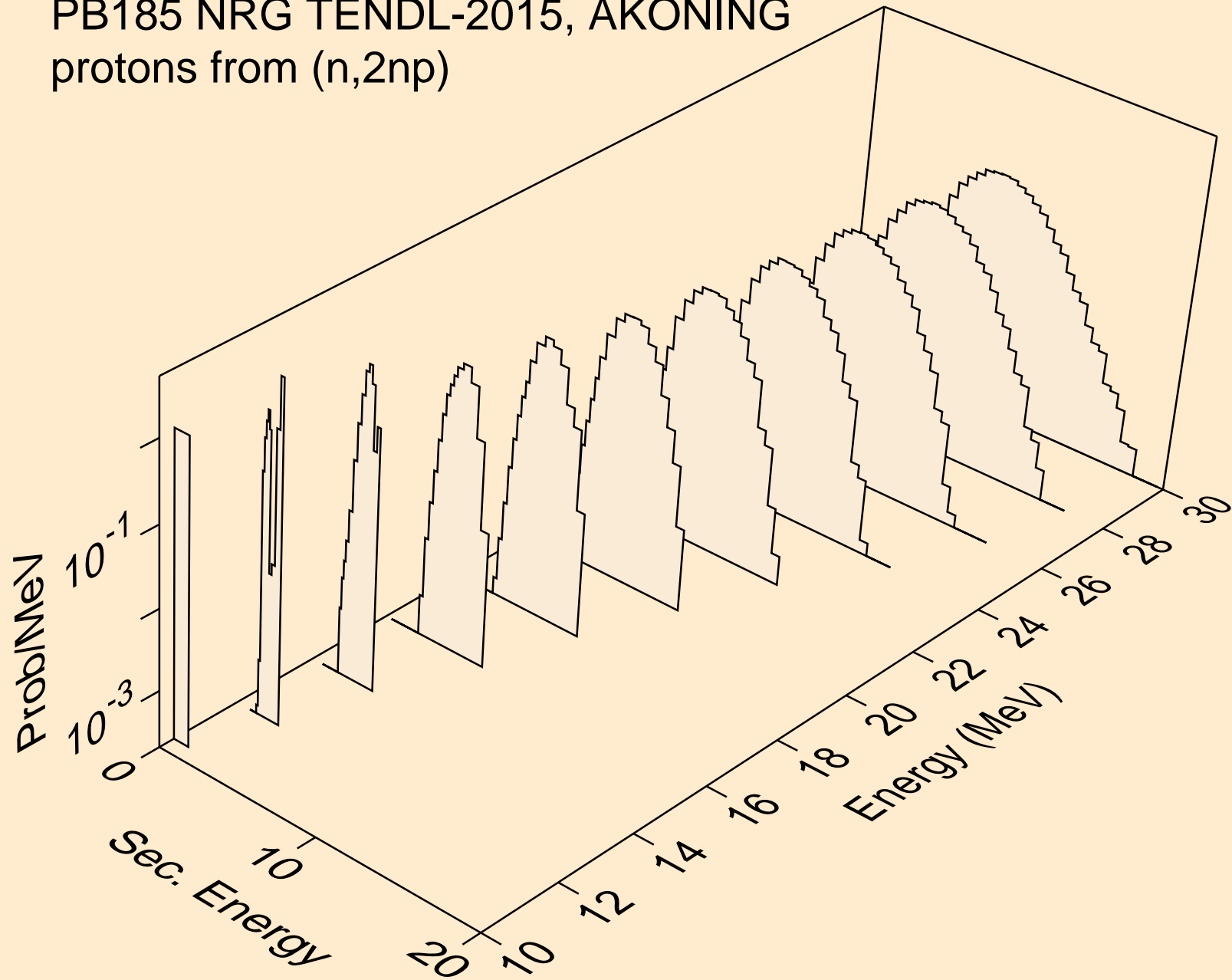
PB185 NRG TENDL-2015, AKONING  
protons from (n,x)



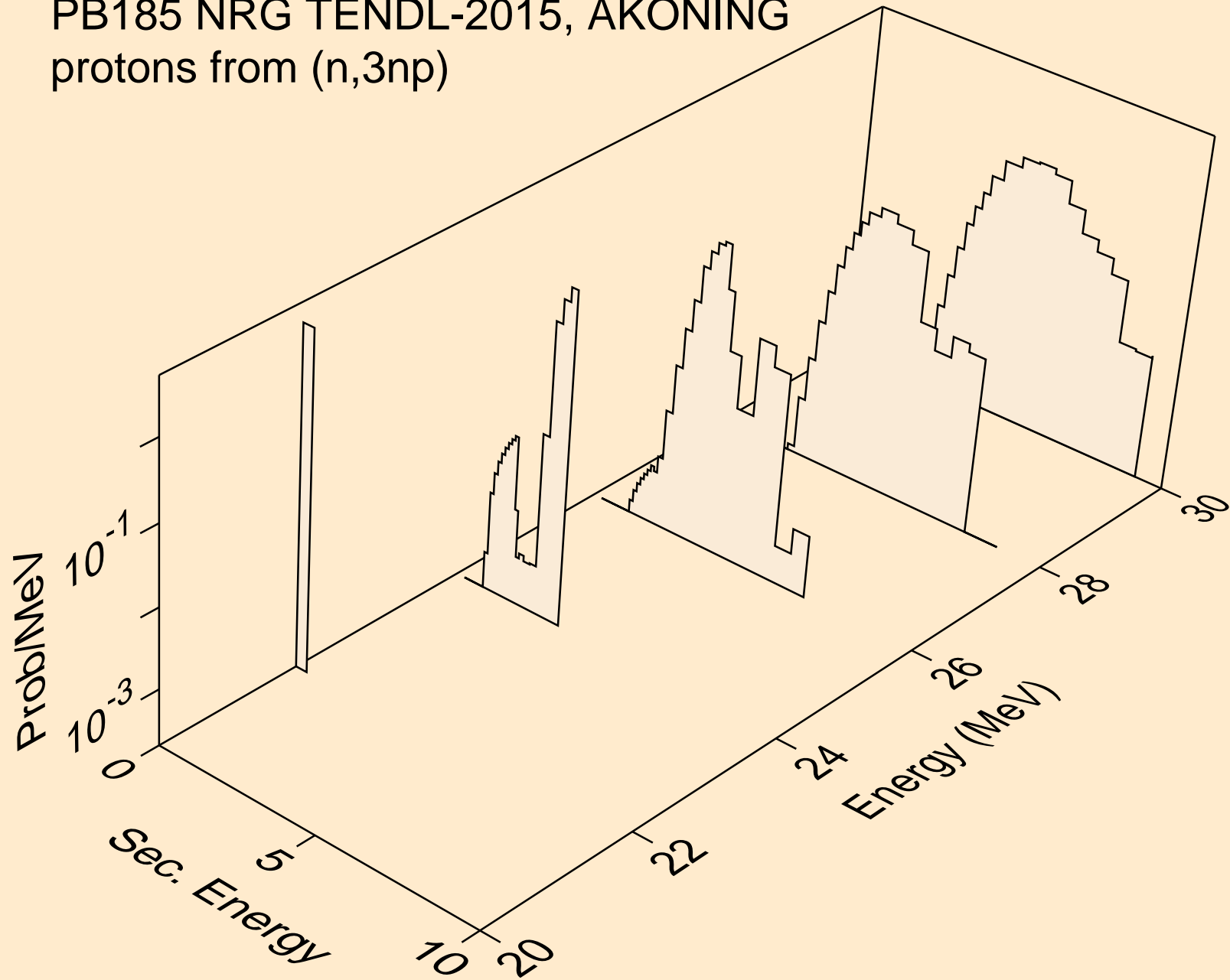
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protons from (n,n\*)p



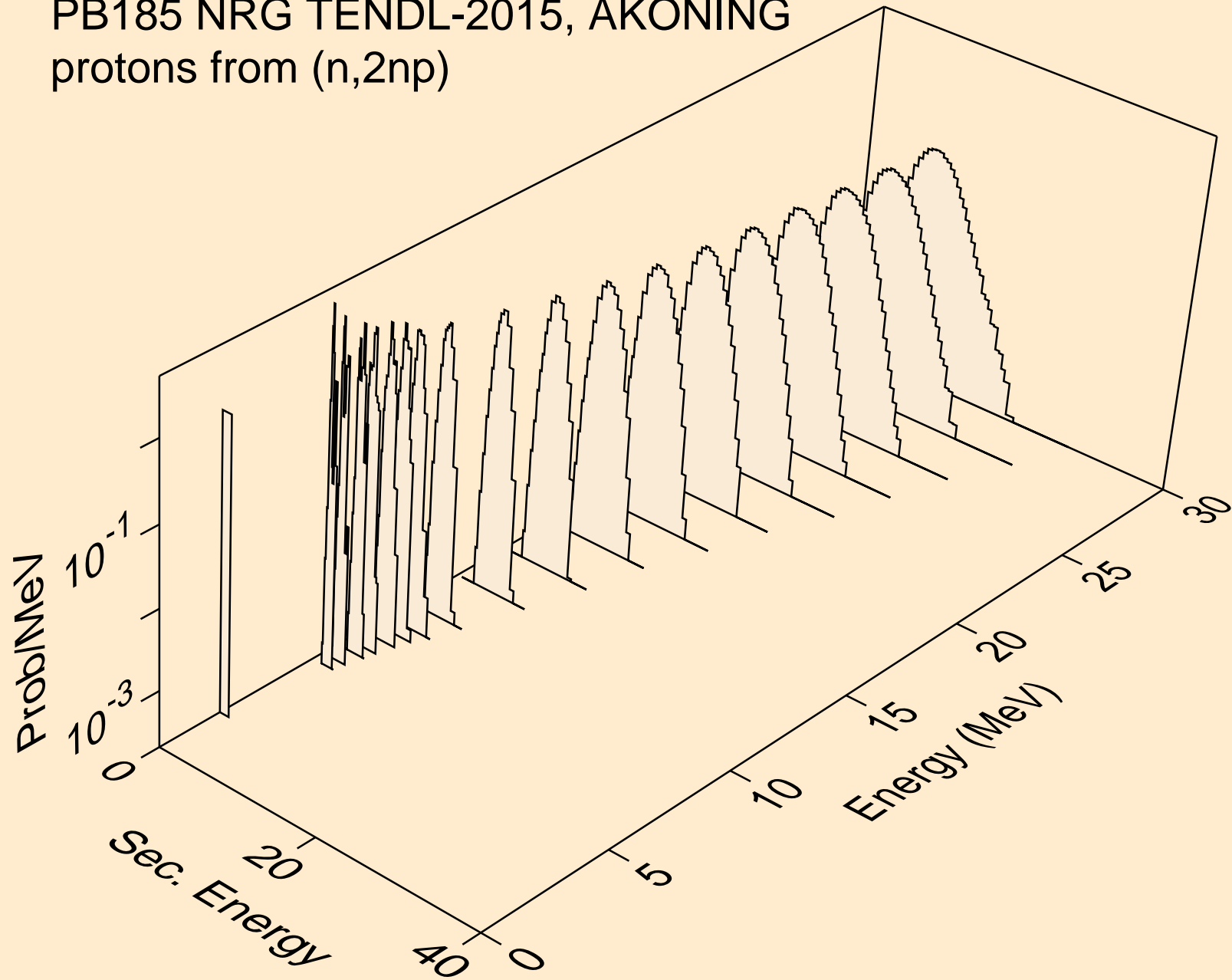
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protons from (n,2np)



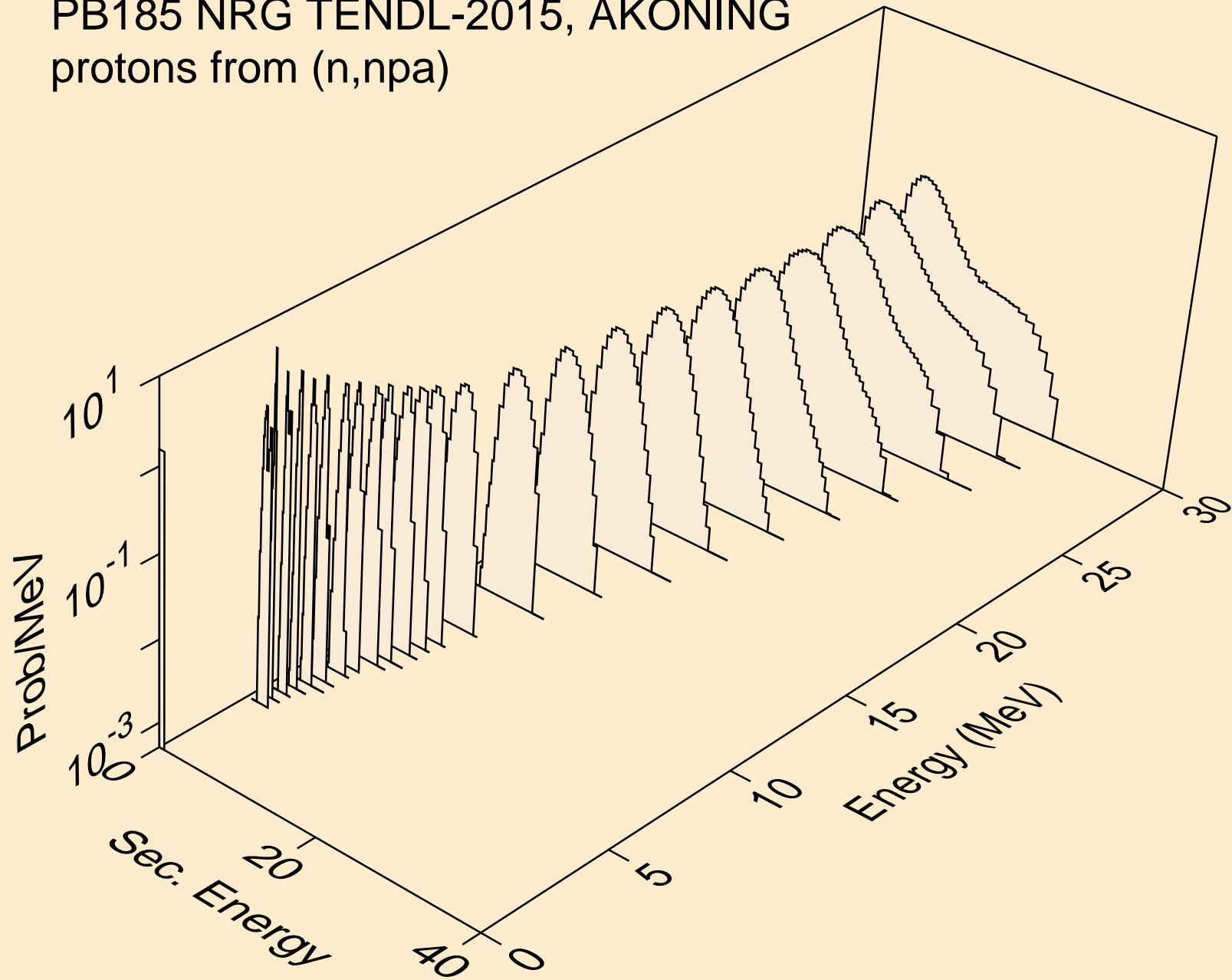
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protons from (n,3np)



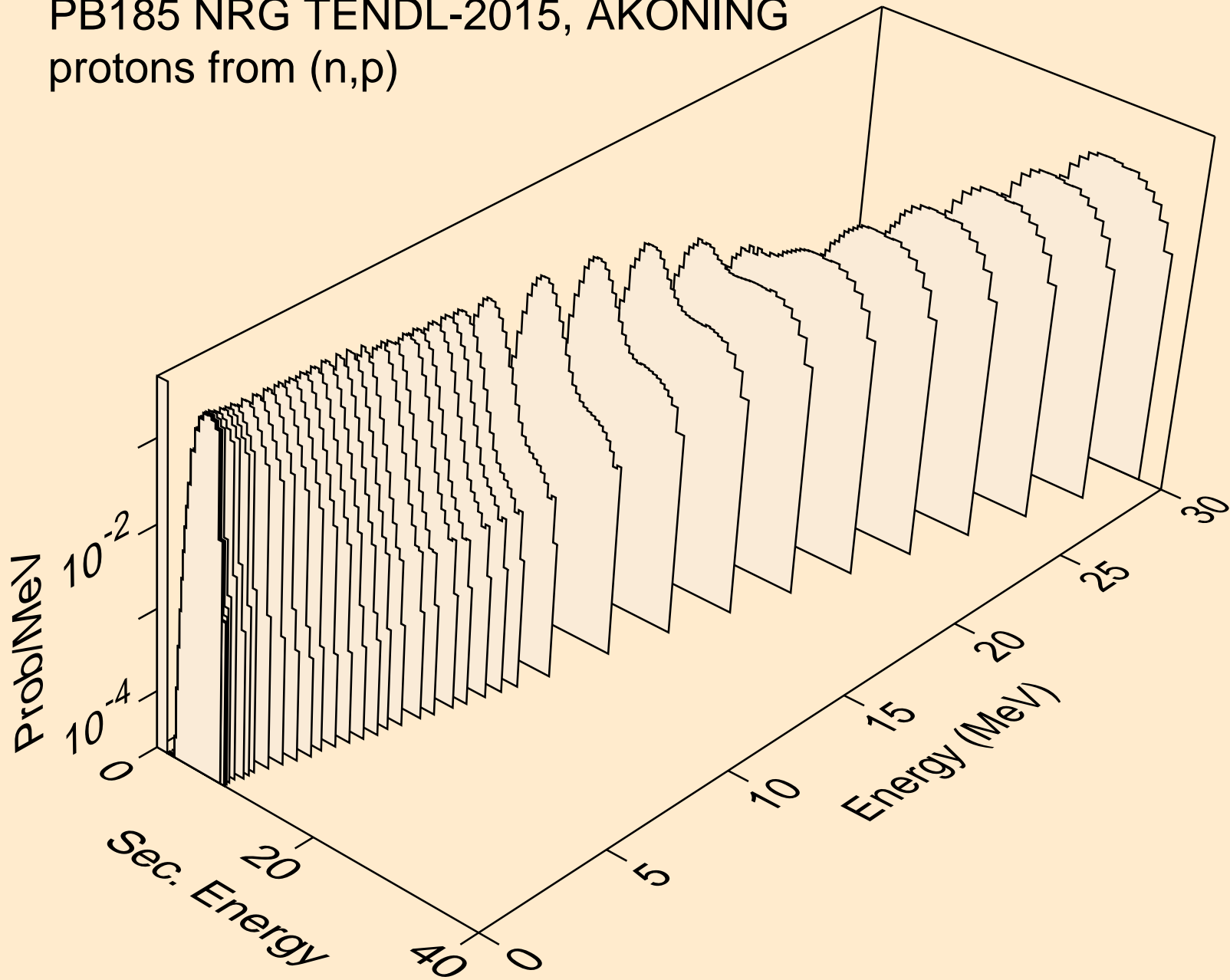
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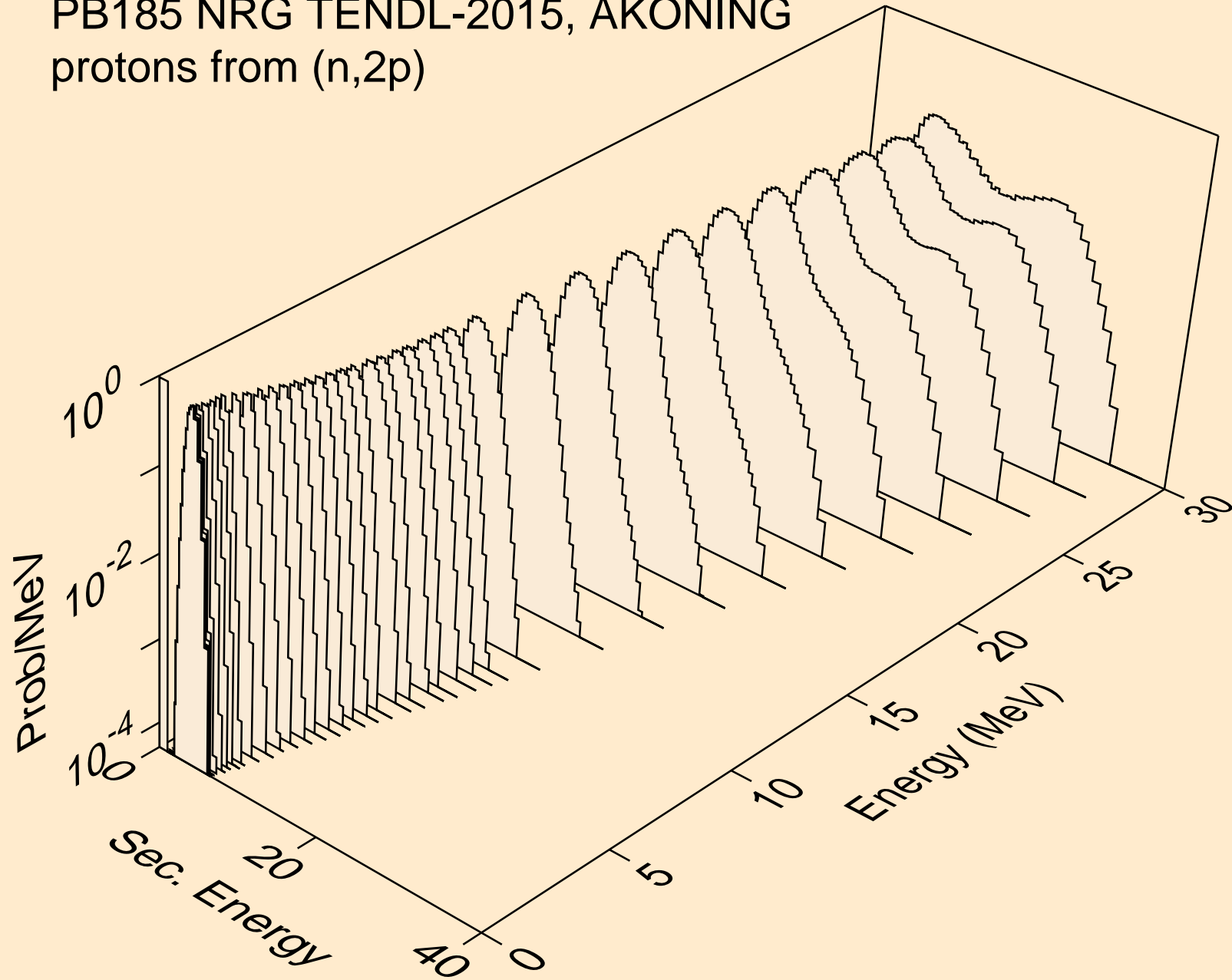
PB185 NRG TENDL-2015, AKONING  
protons from (n,npa)



PB185 NRG TENDL-2015, AKONING  
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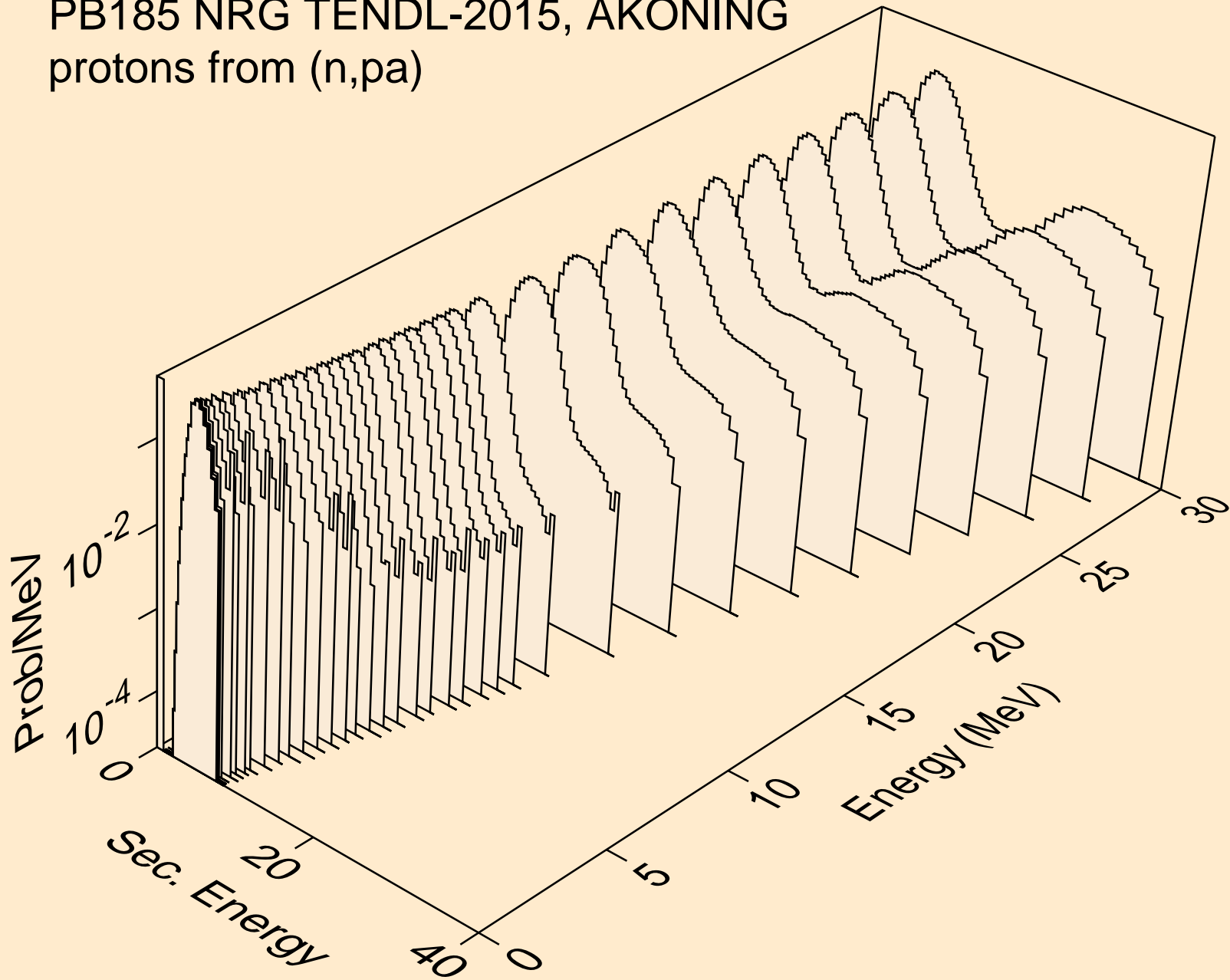


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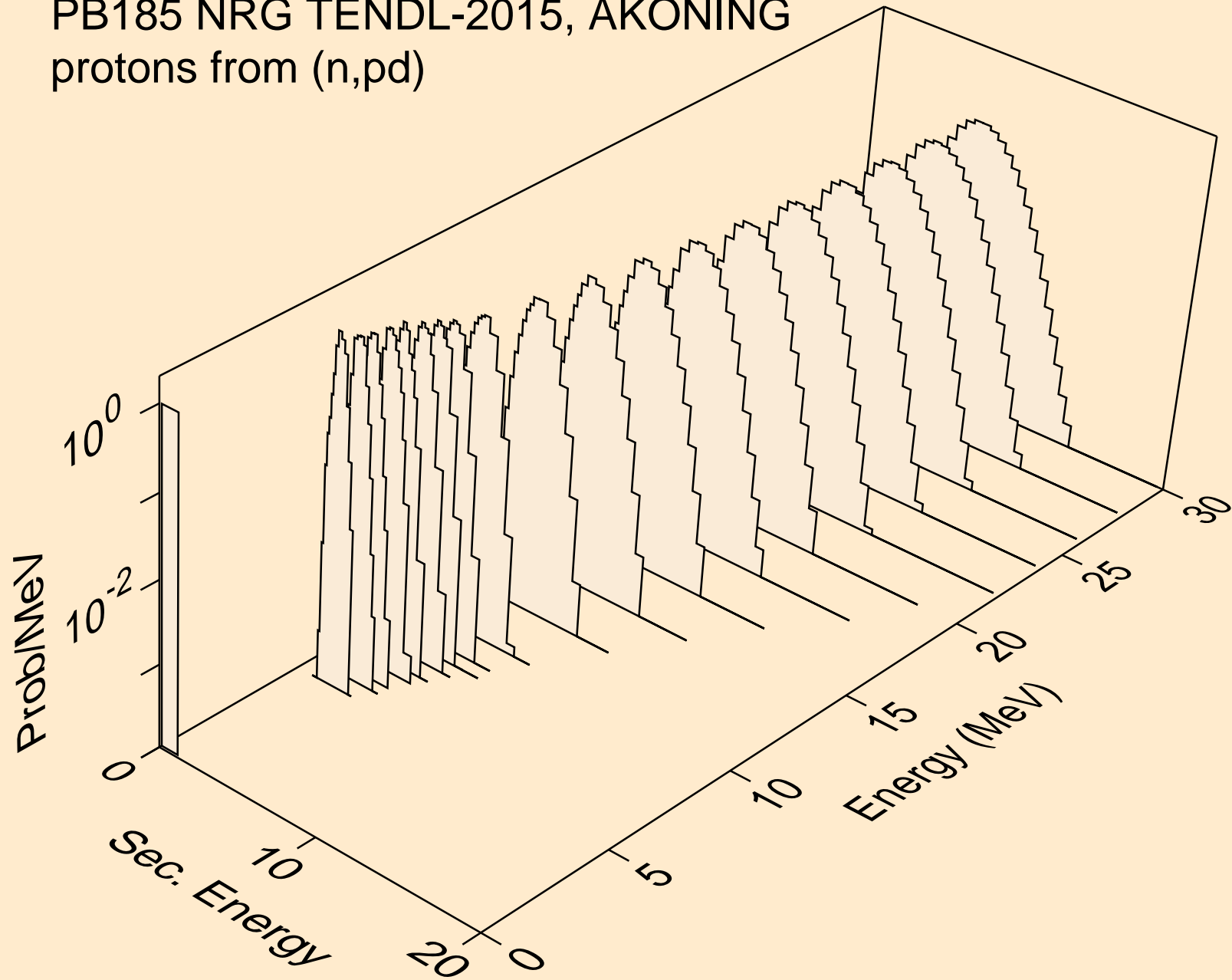




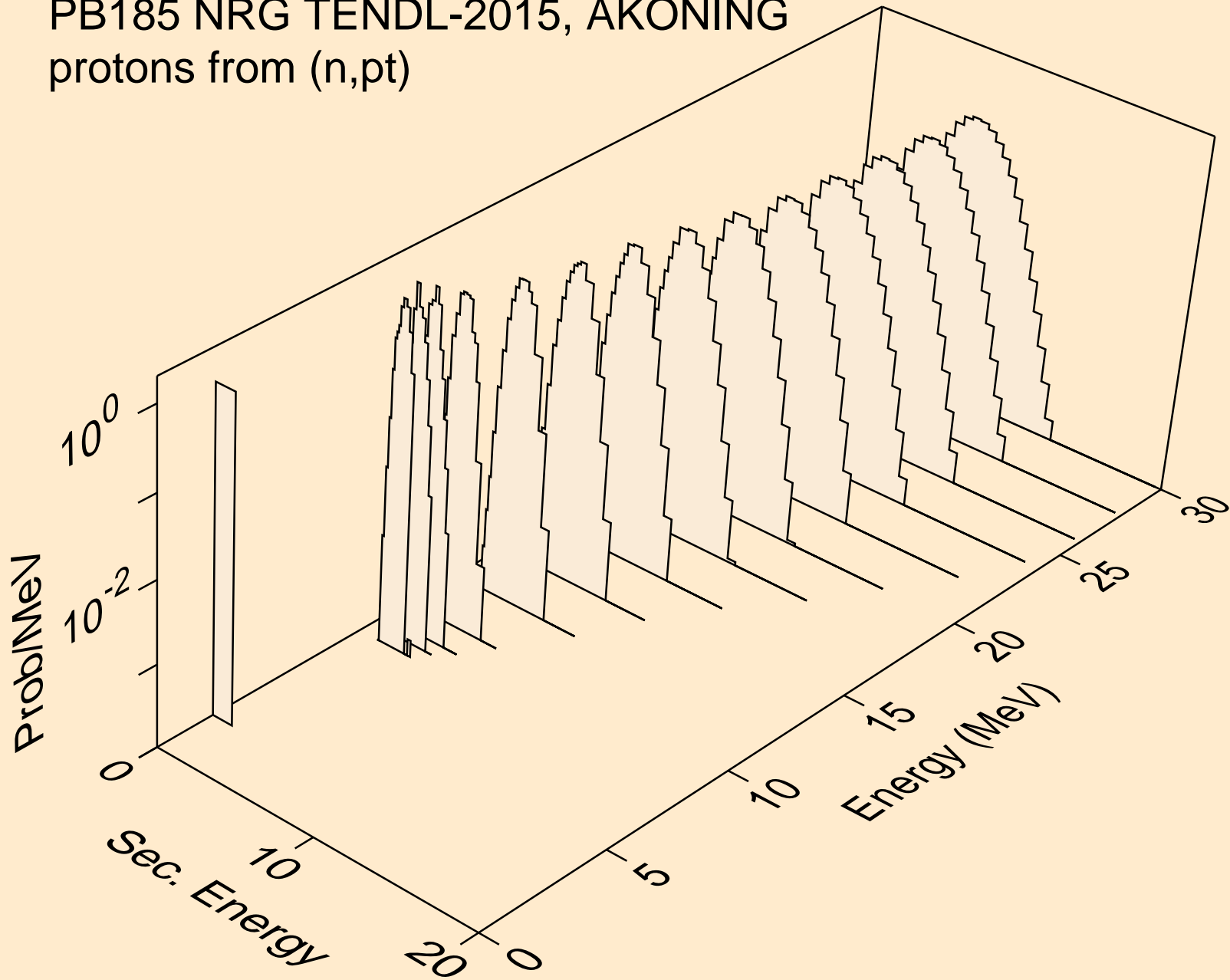
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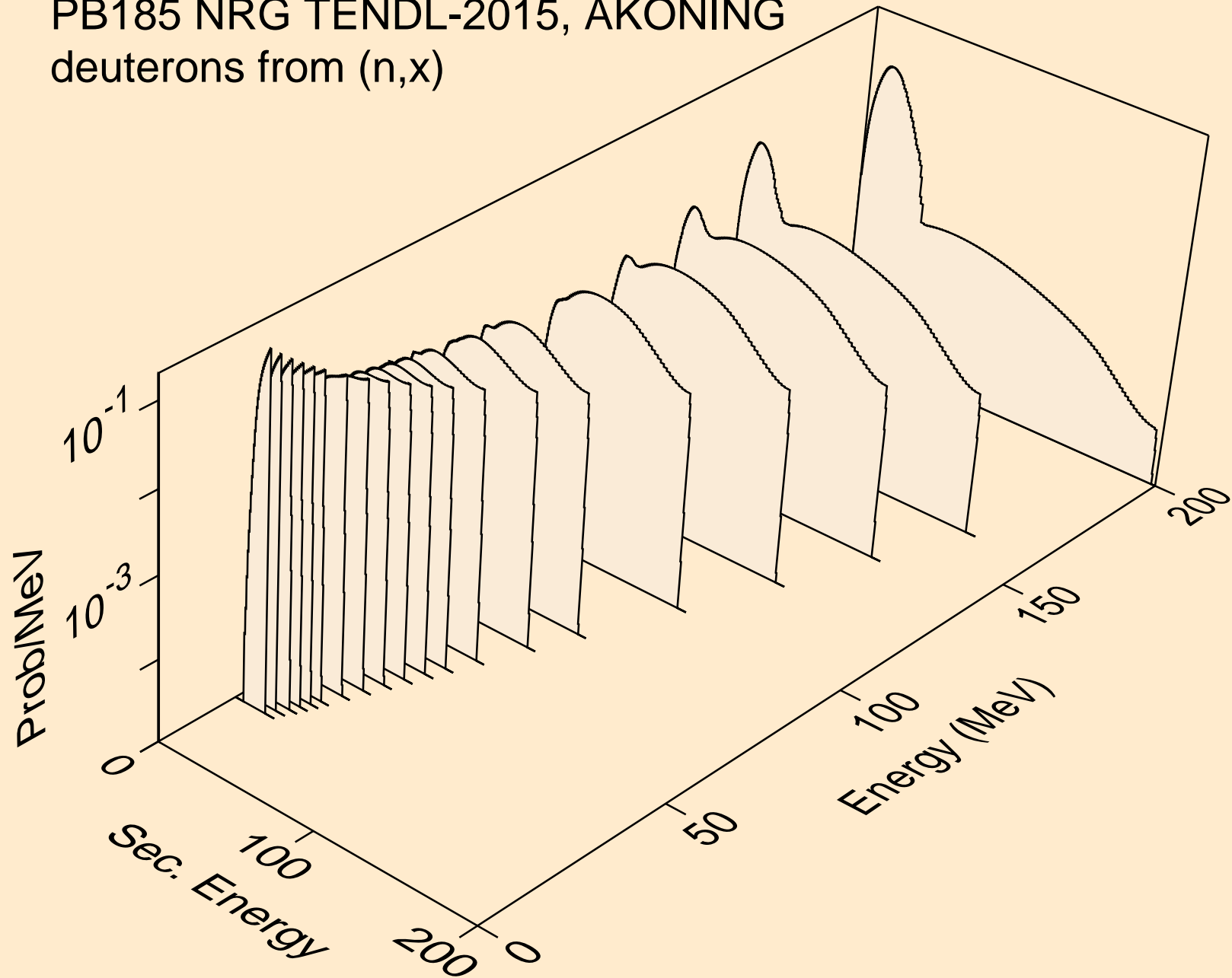
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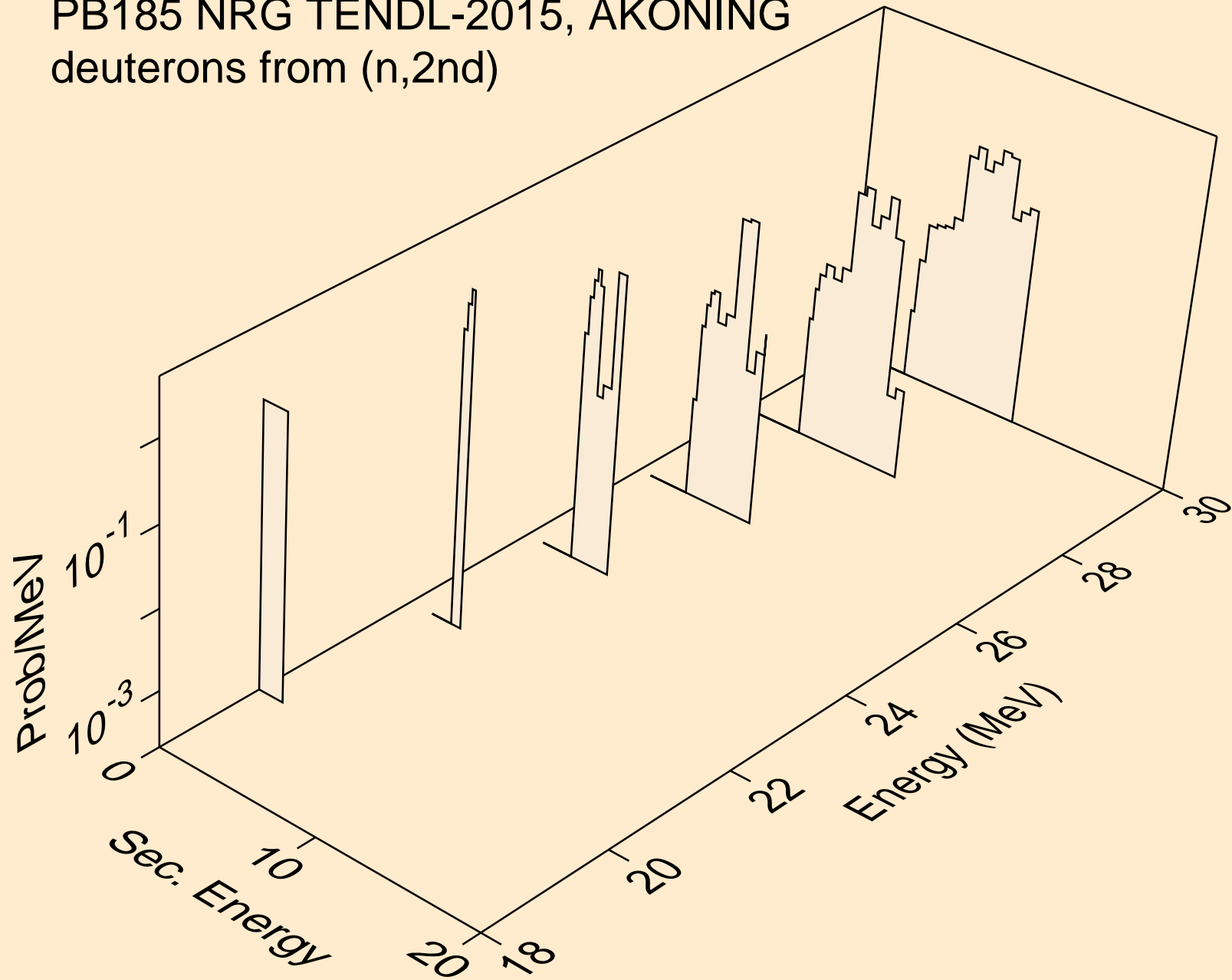
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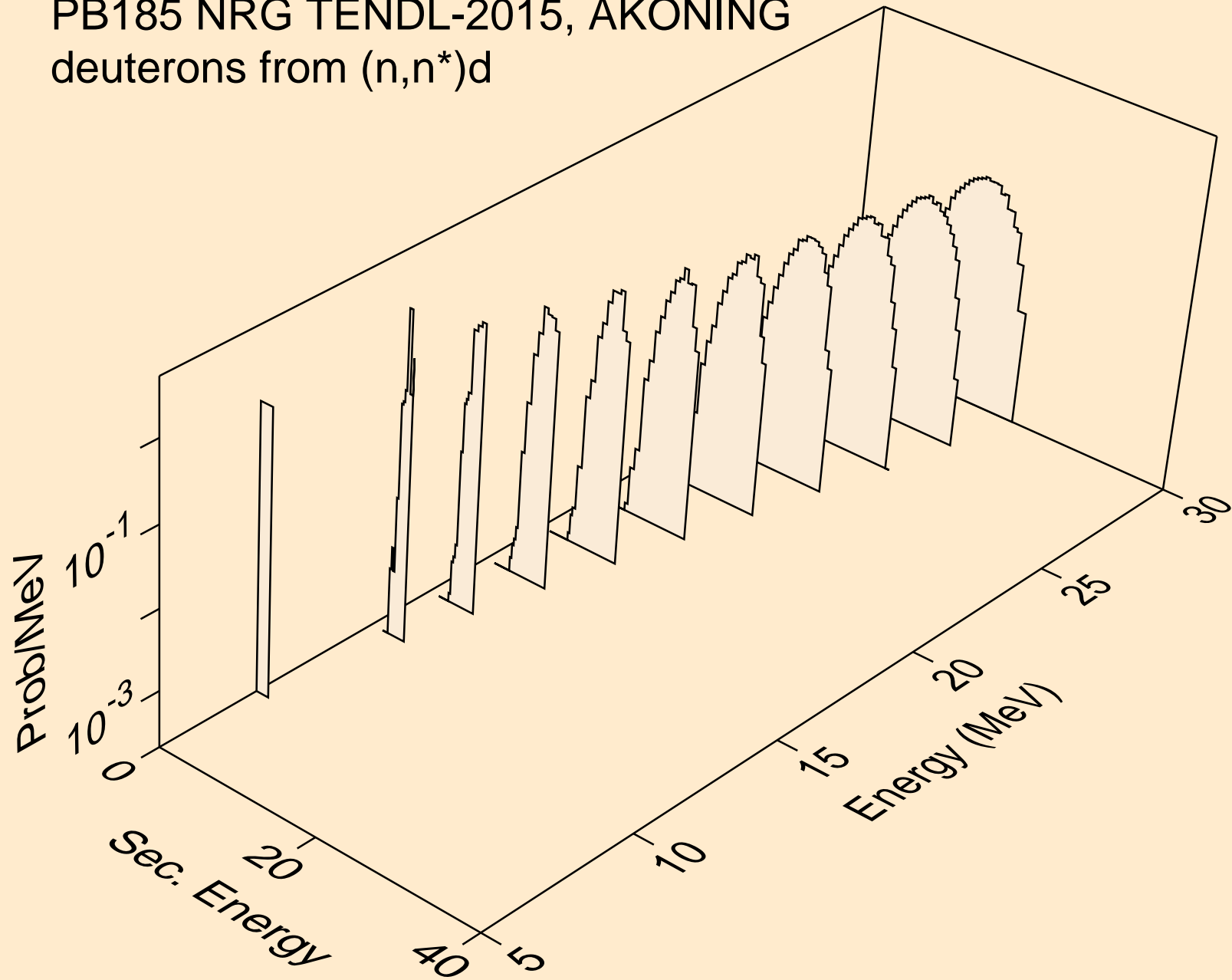
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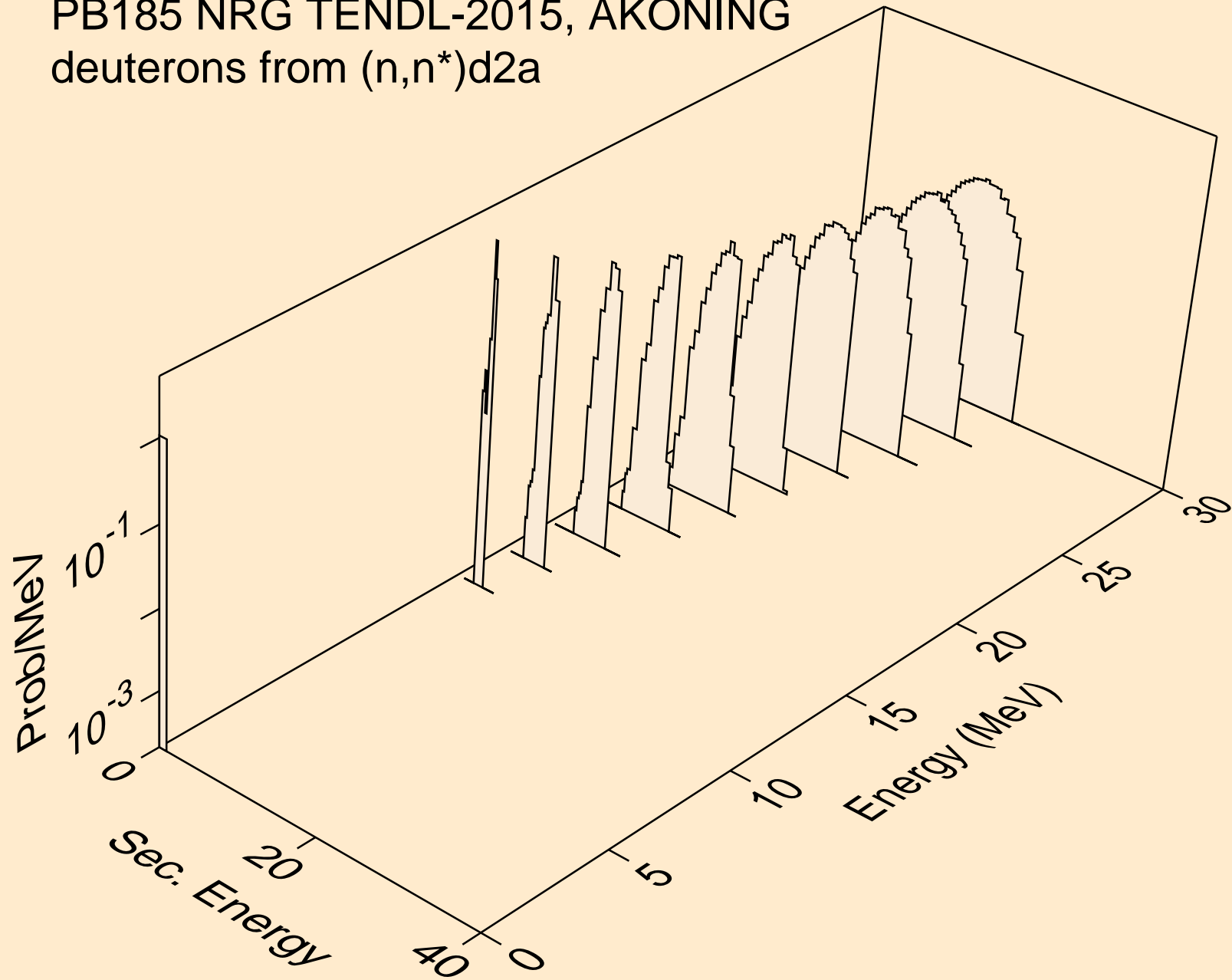
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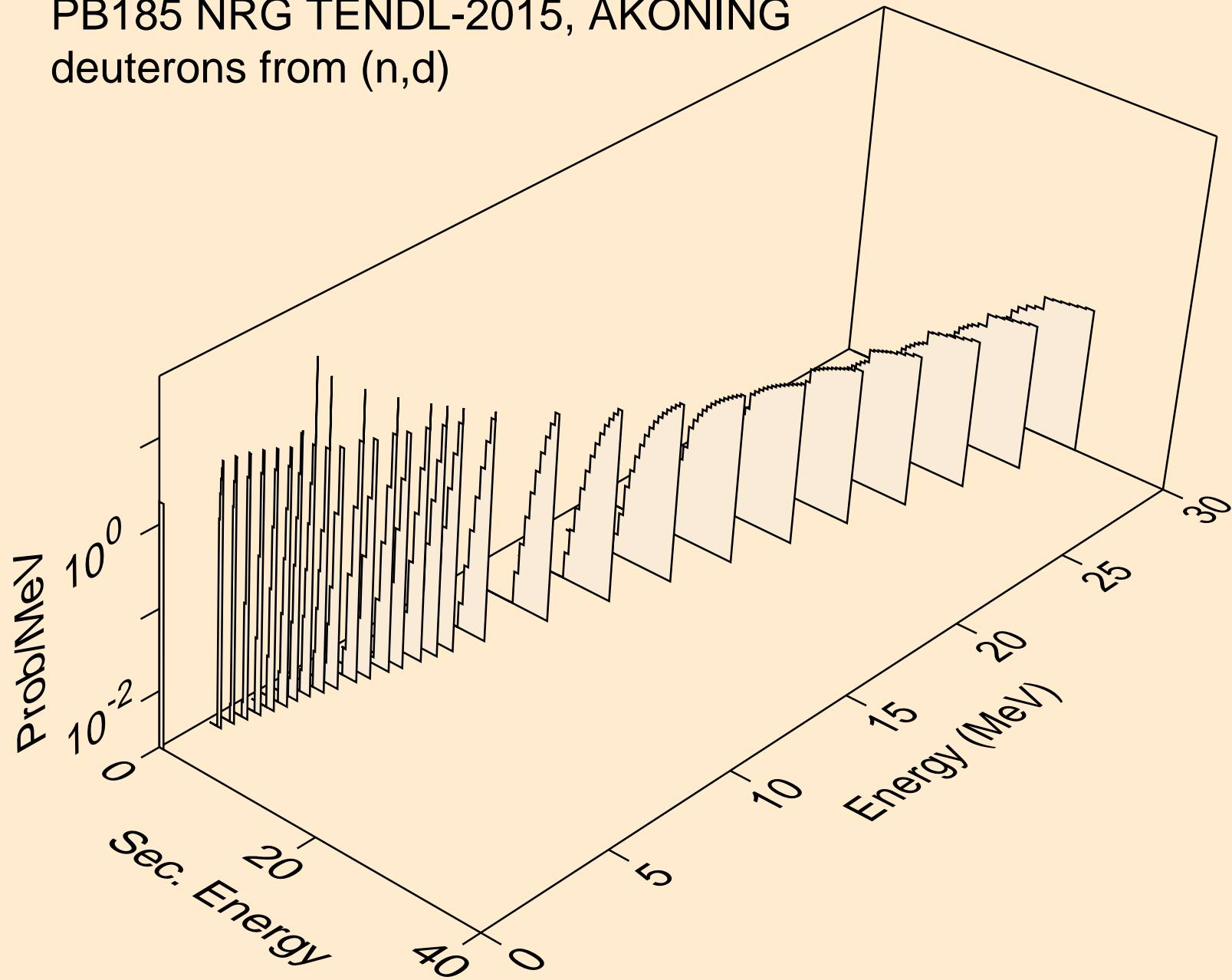
PB185 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PB185 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a

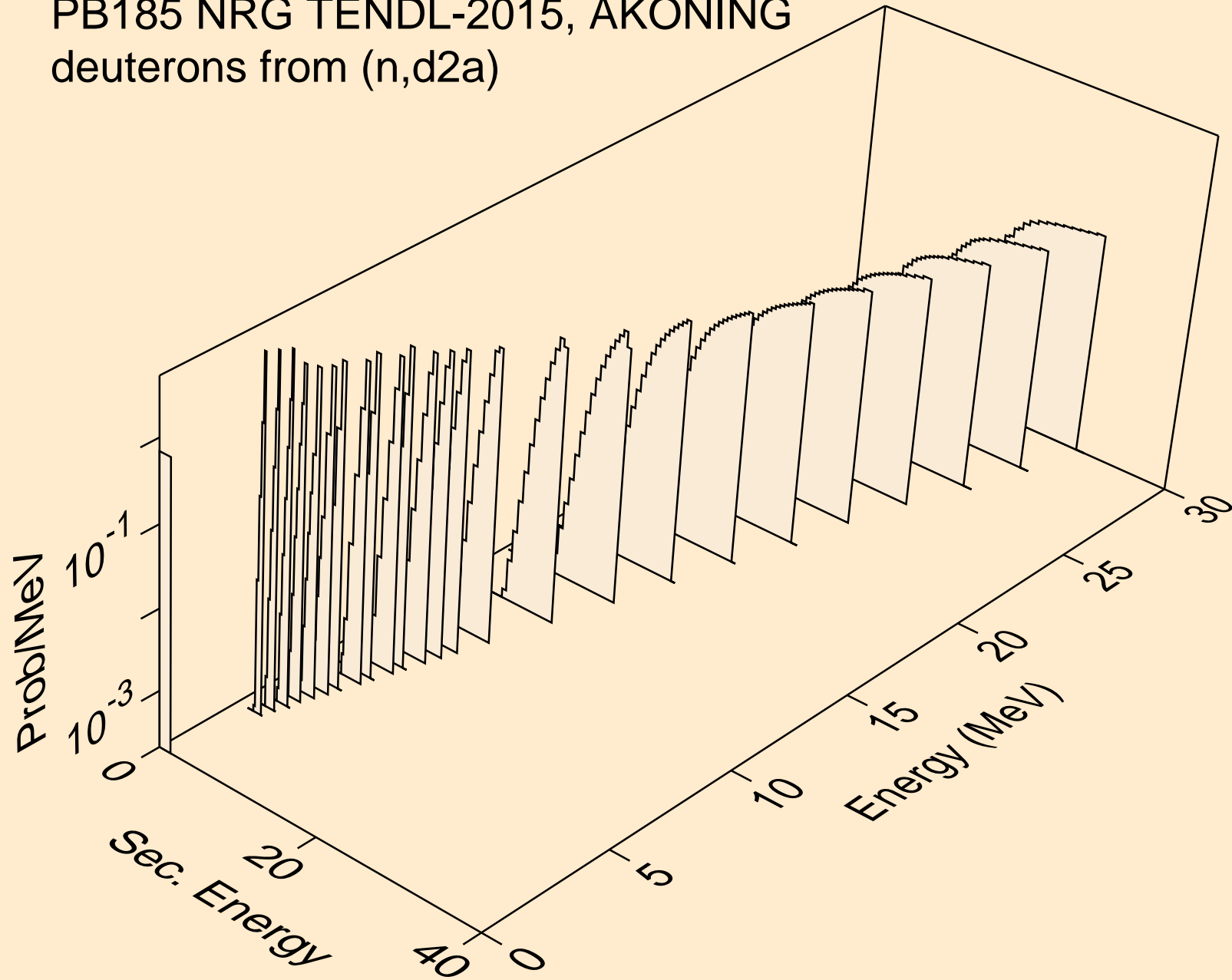


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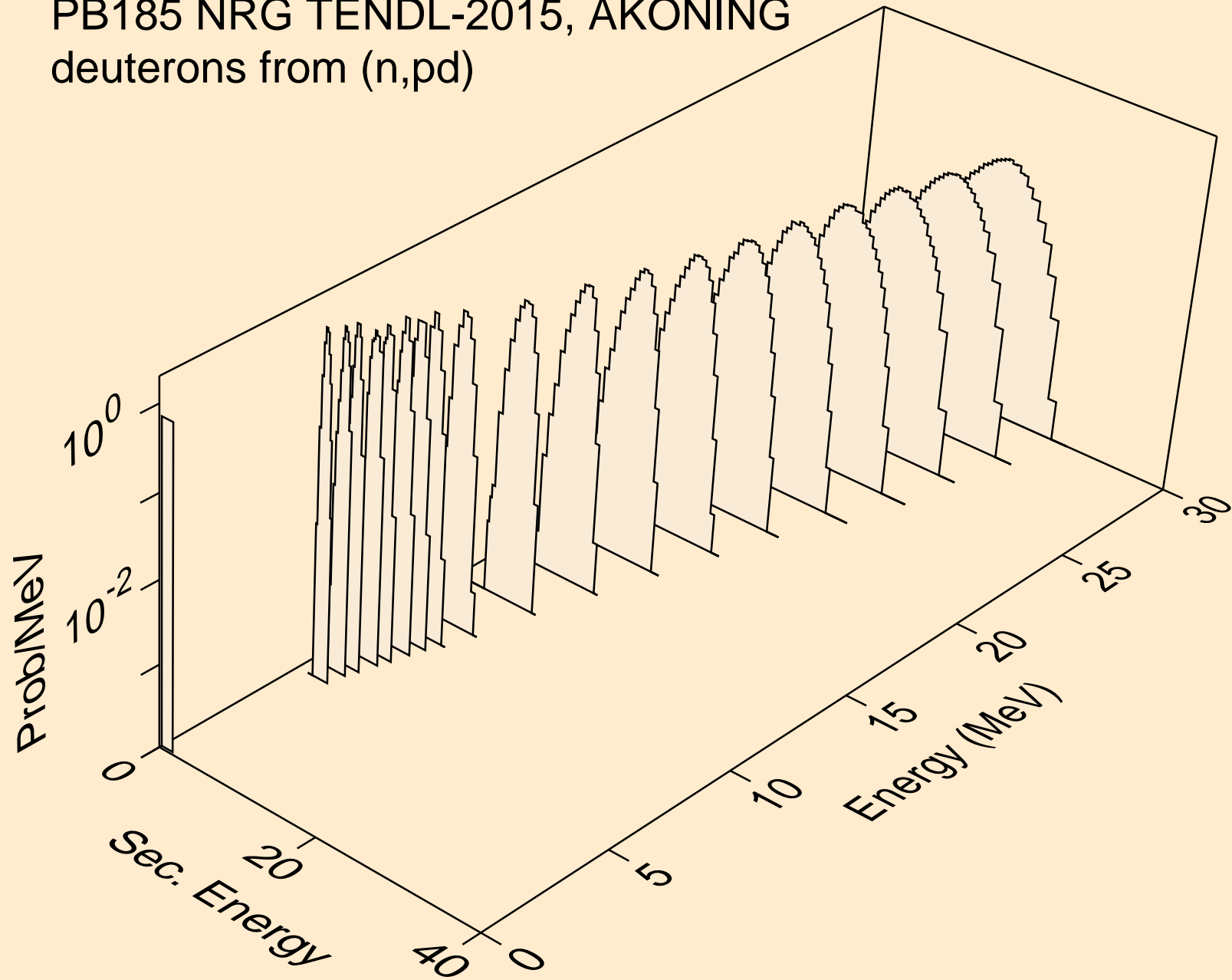




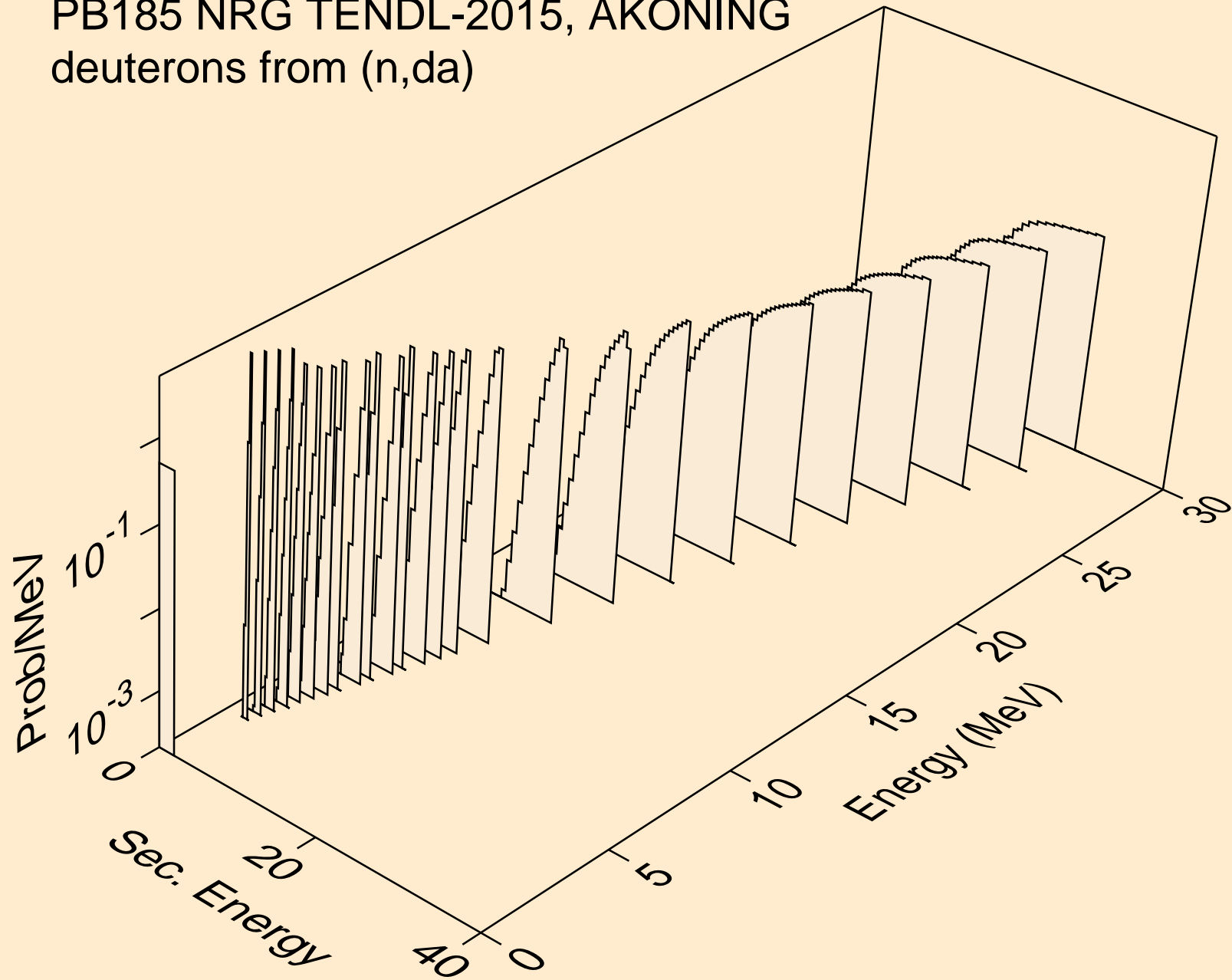
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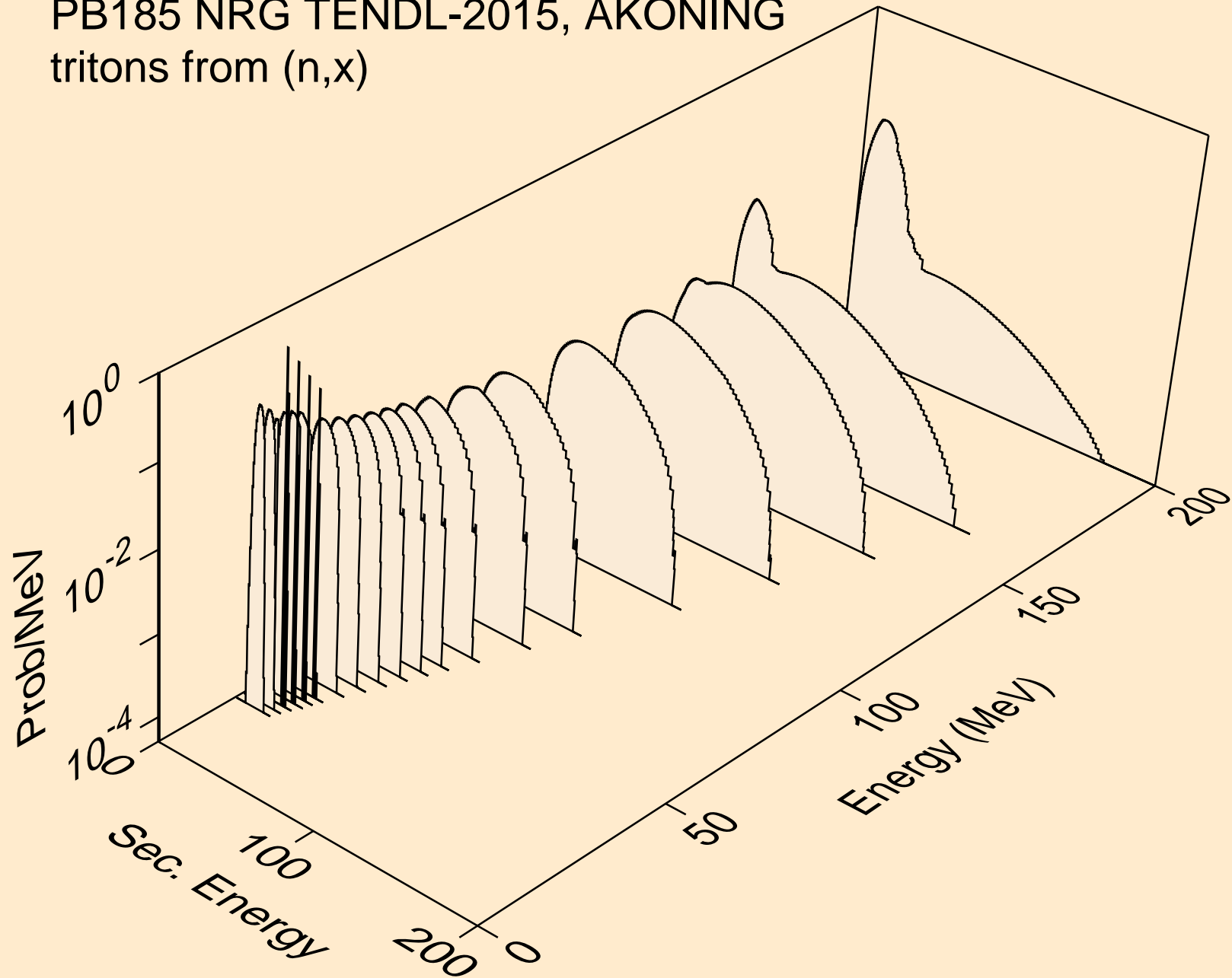
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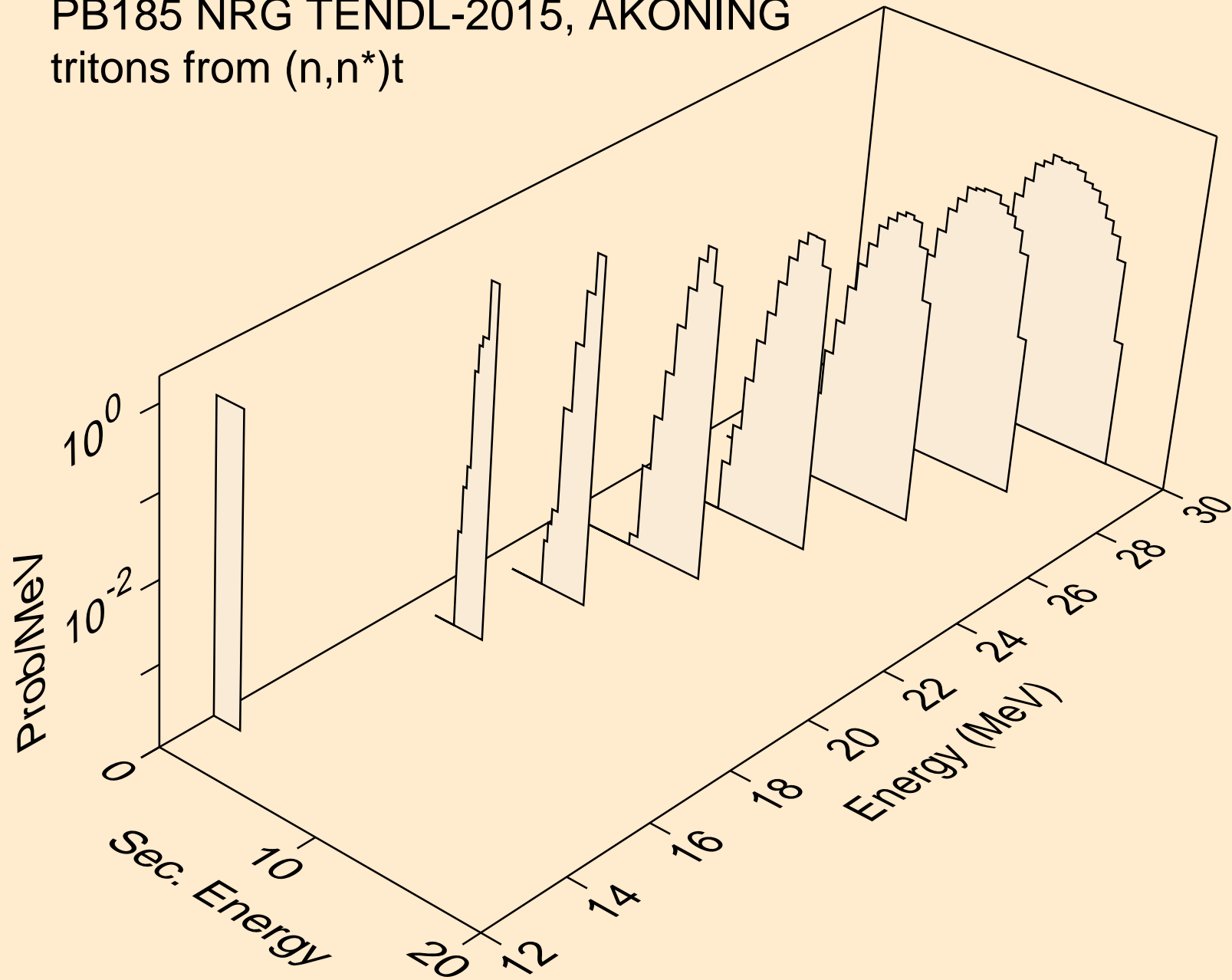
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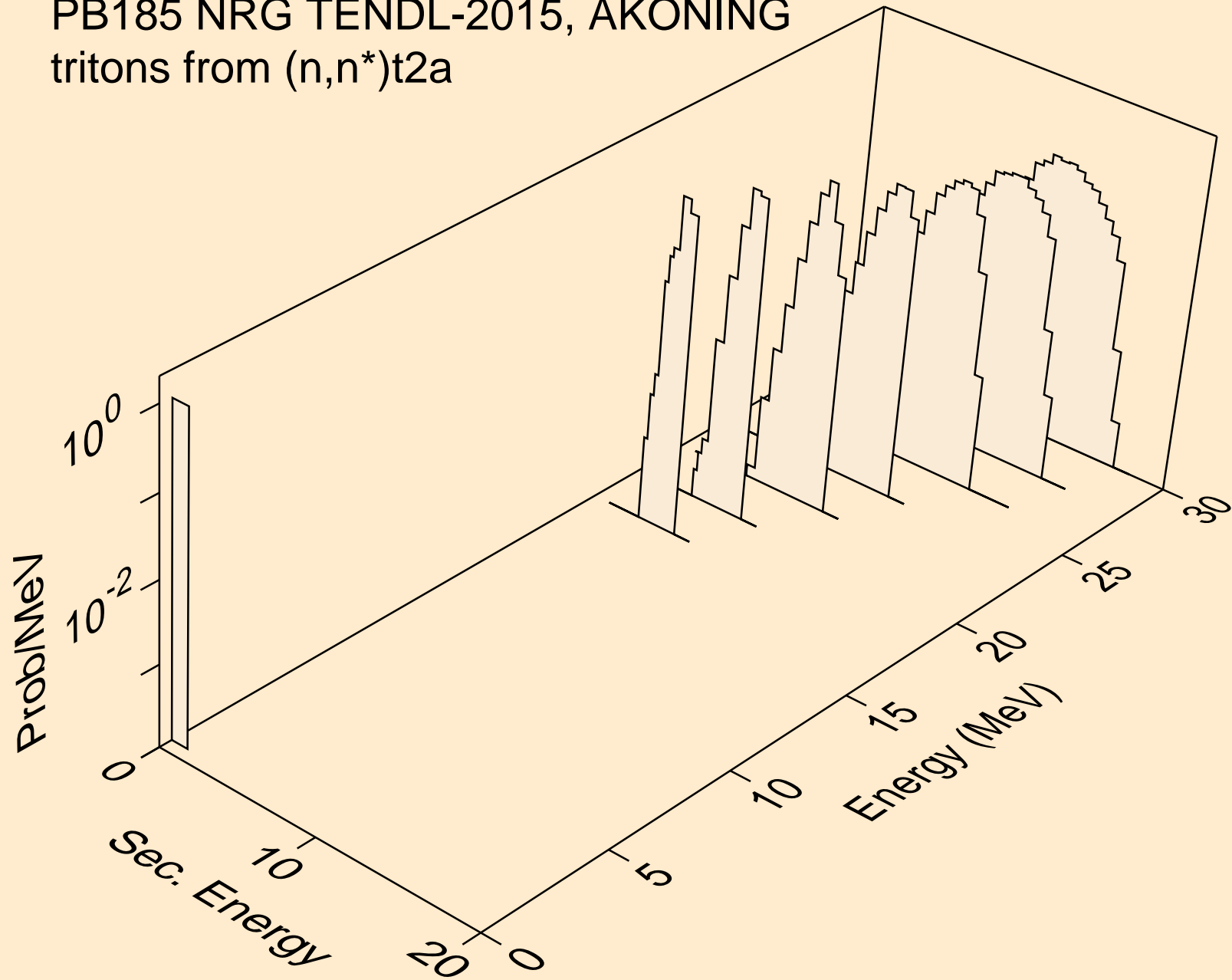
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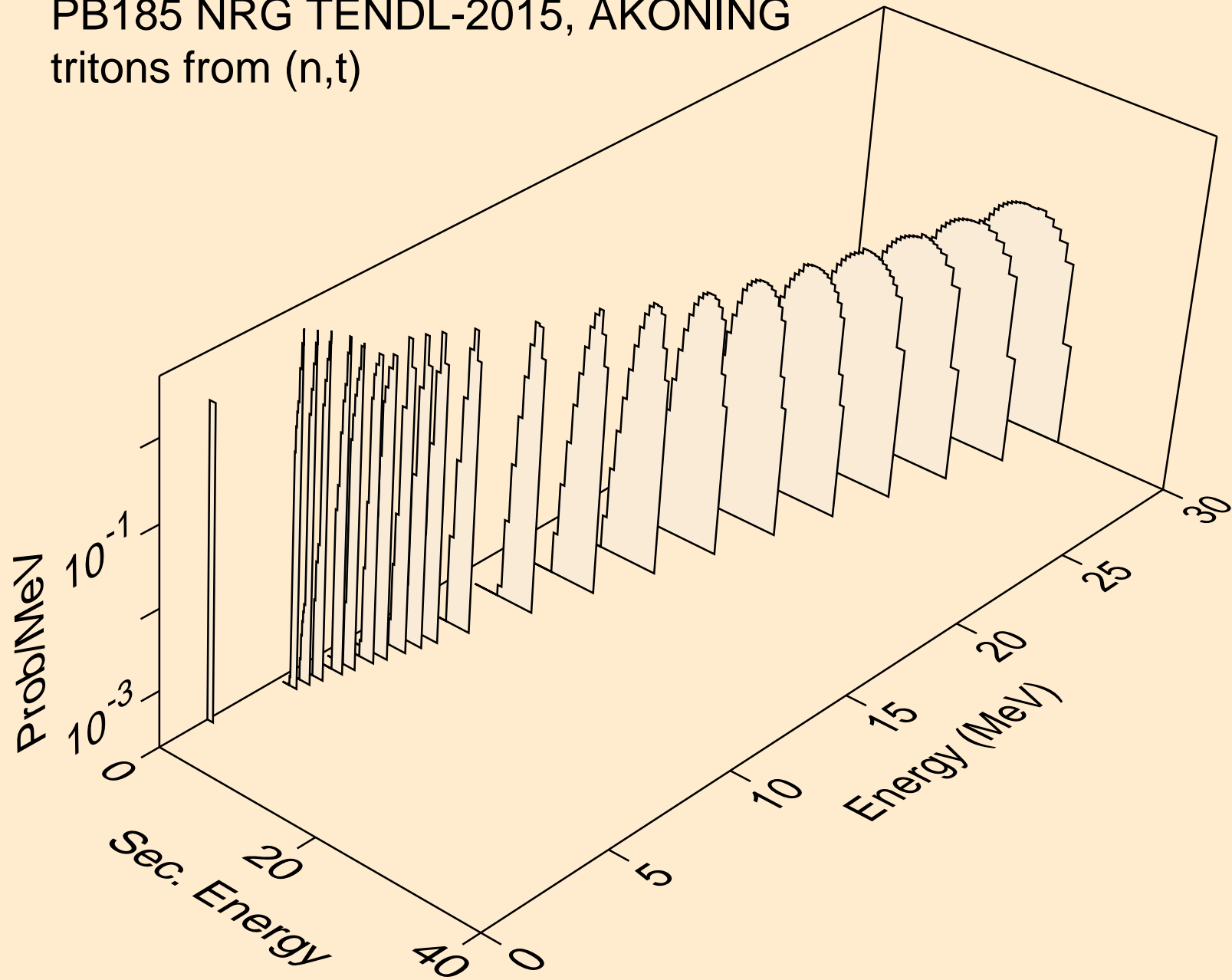
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tritons from (n,n\*)t



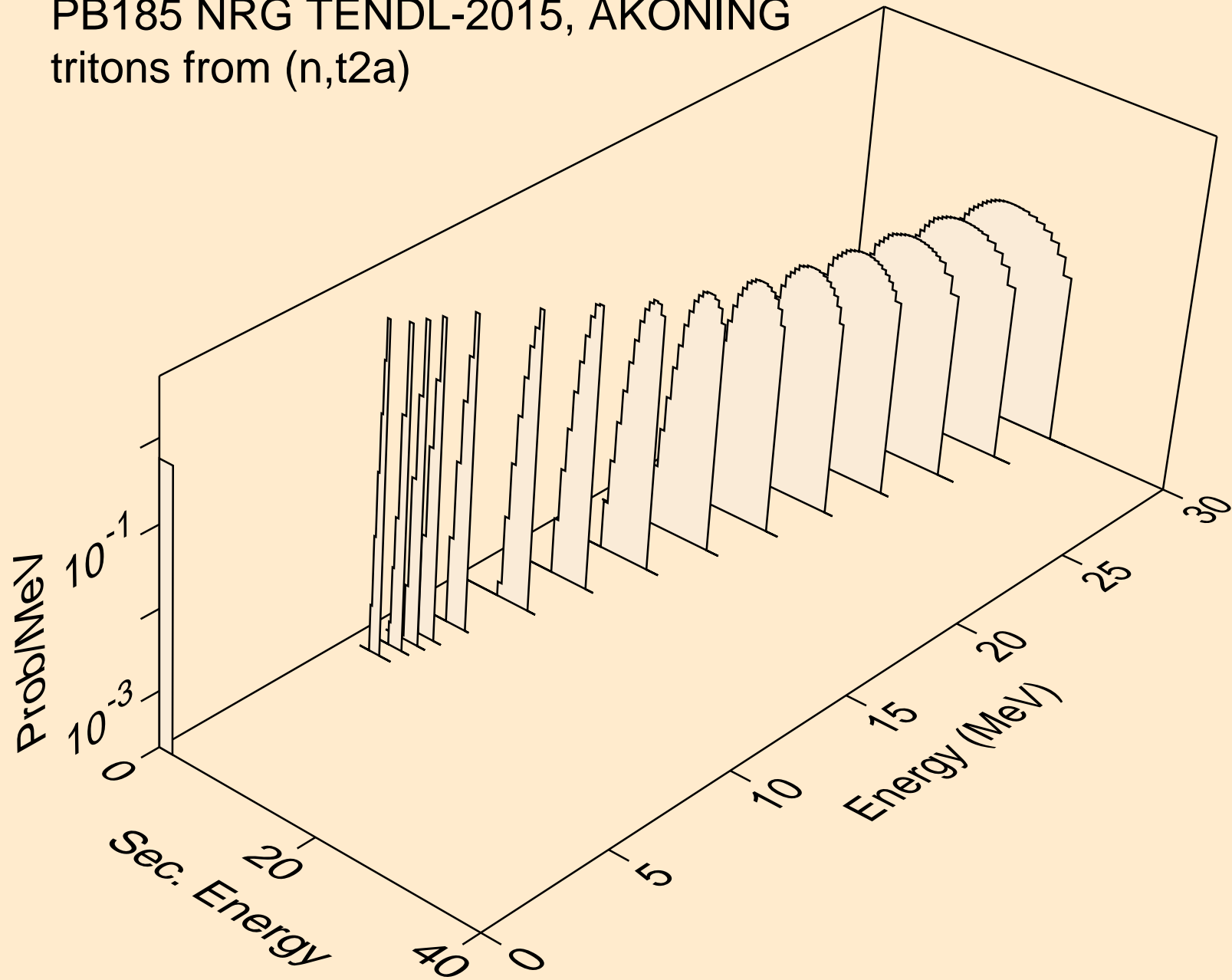
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tritons from (n,n\*)t2a



PB185 NRG TENDL-2015, AKONING  
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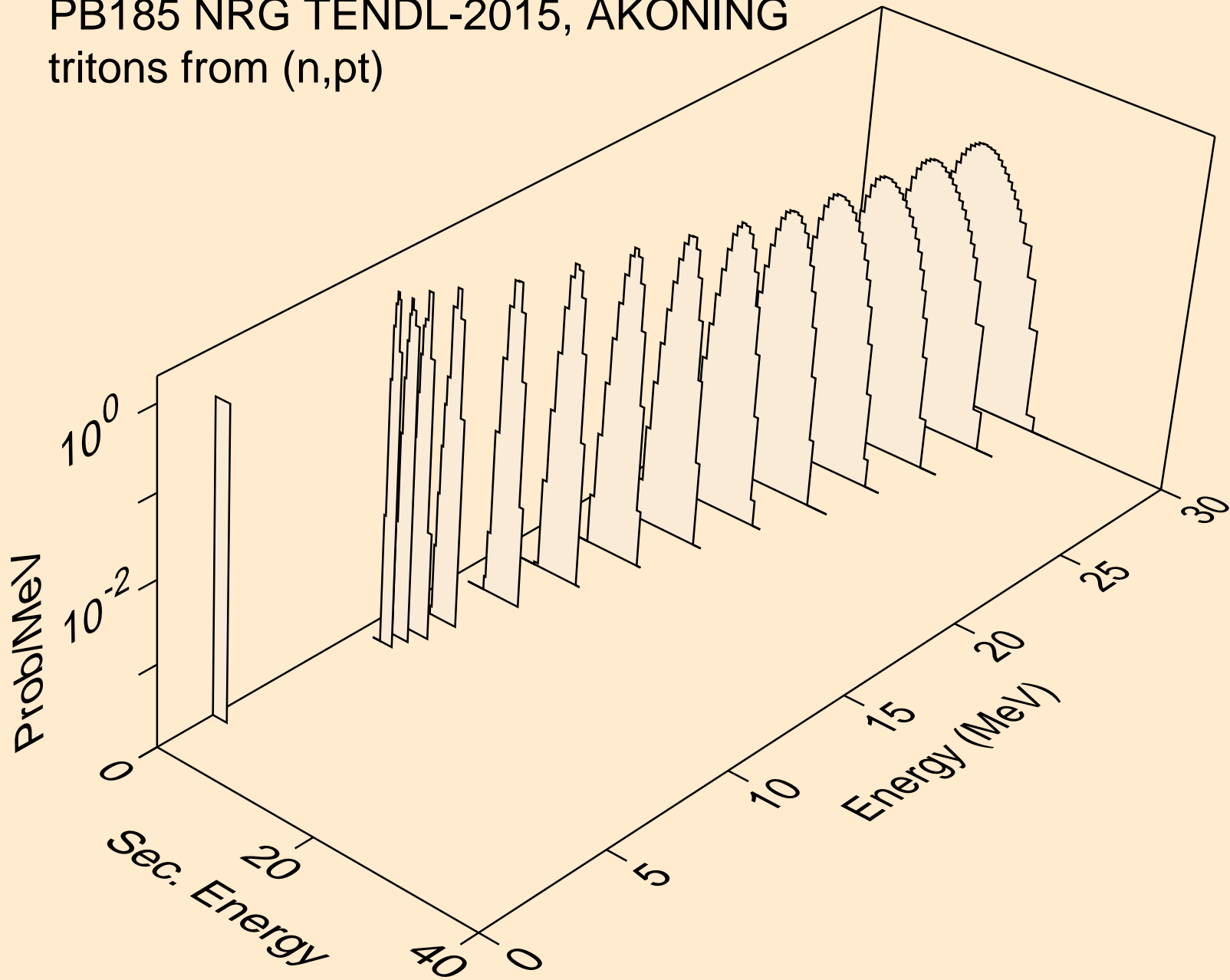


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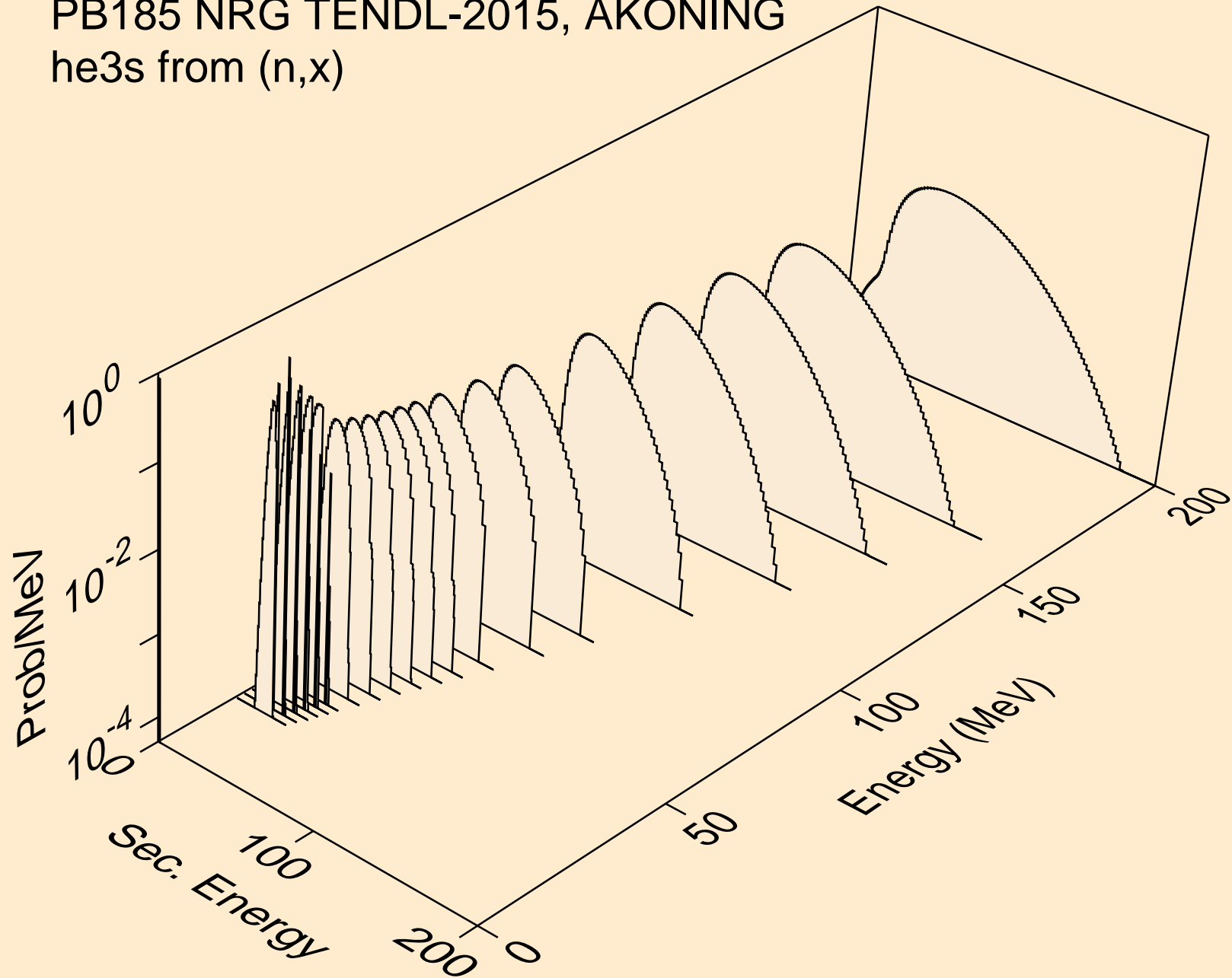




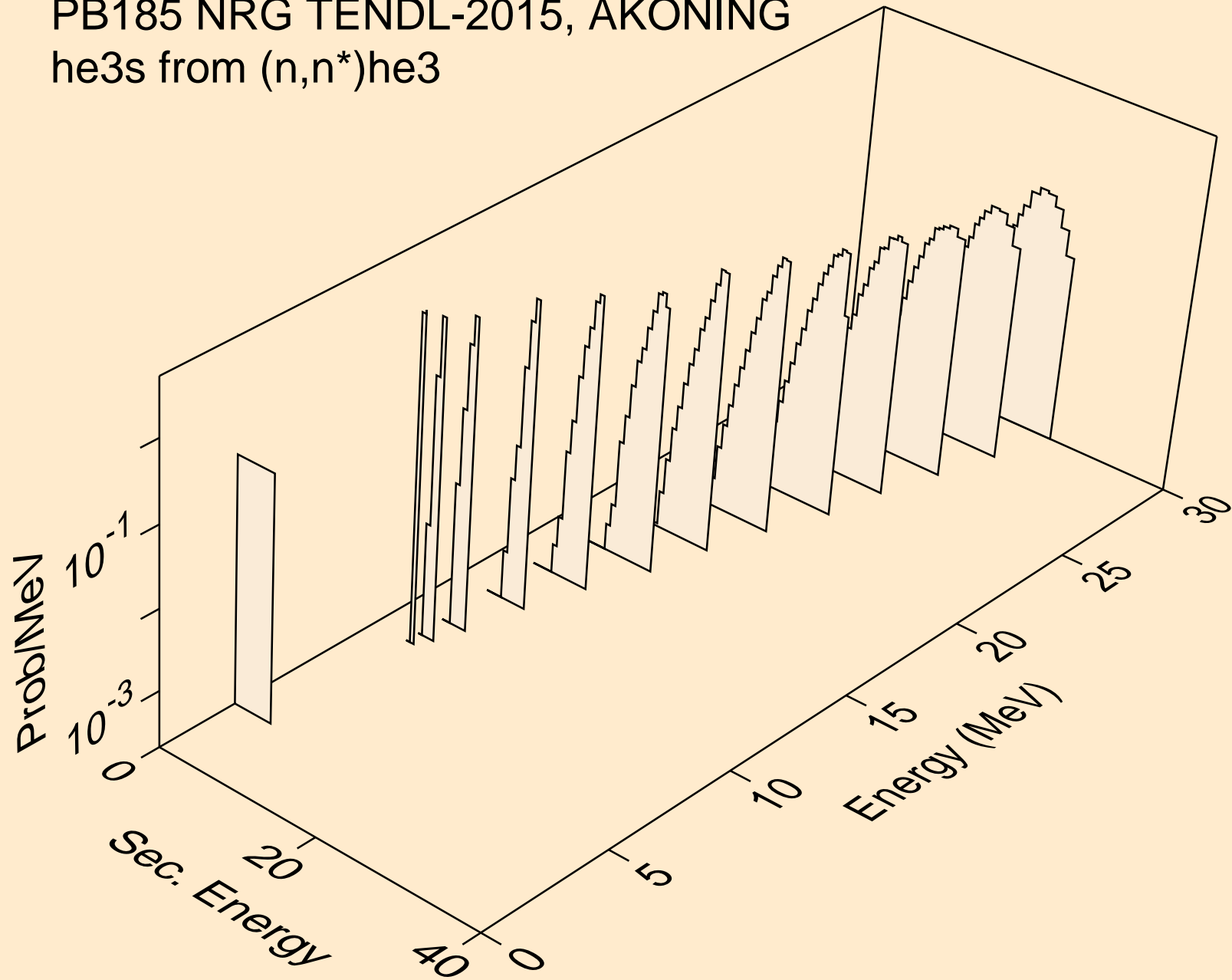
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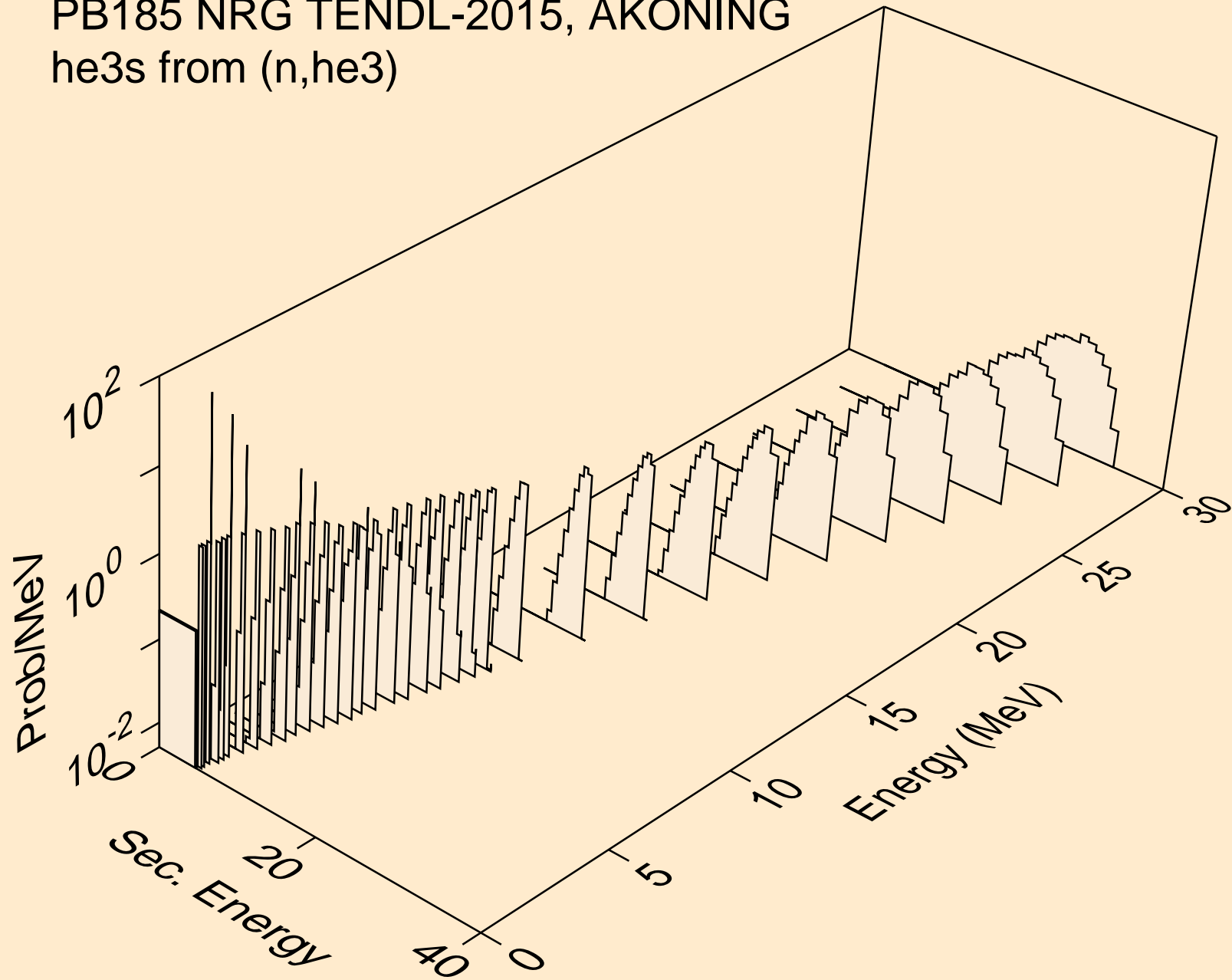
PB185 NRG TENDL-2015, AKONING  
he3s from (n,x)



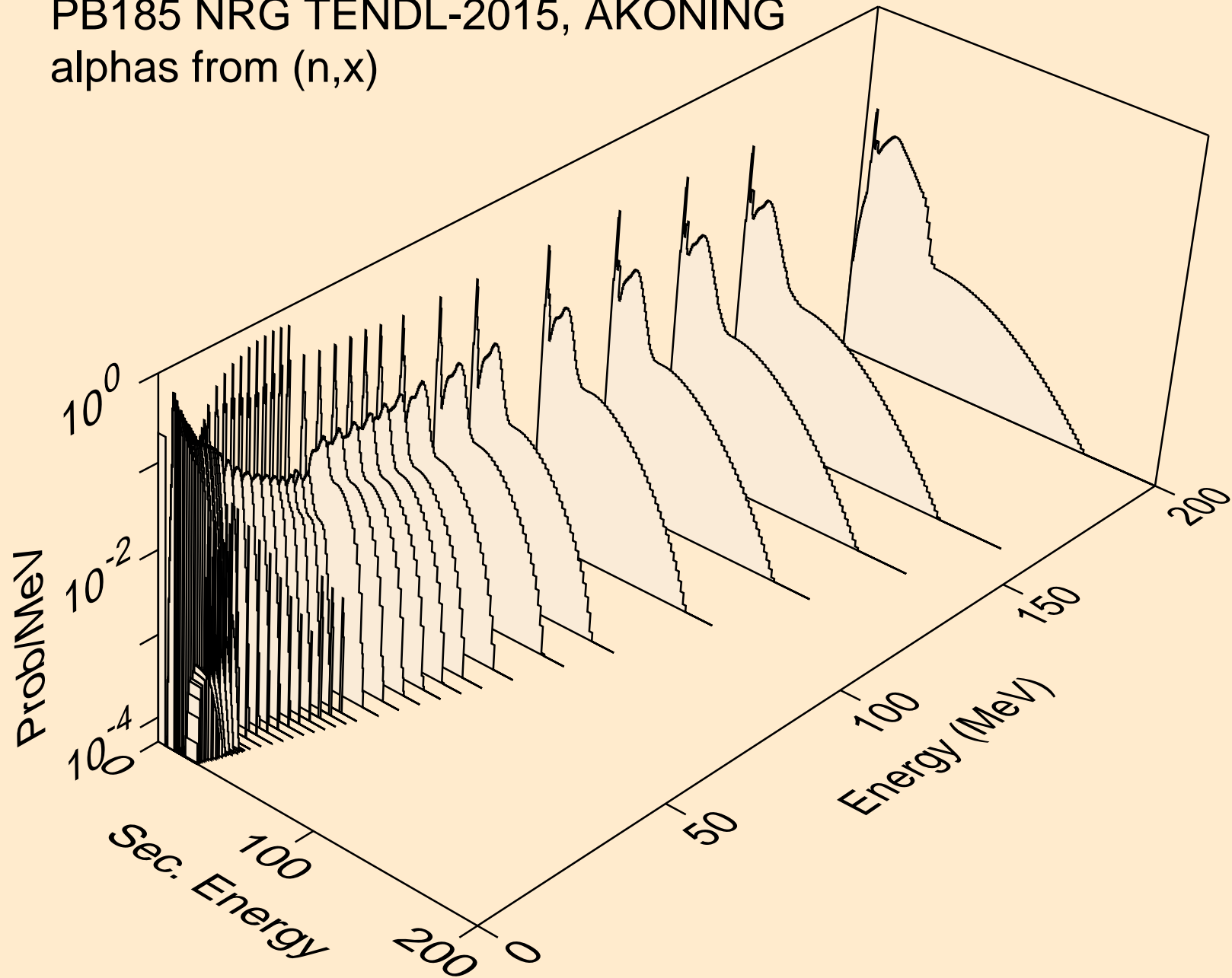
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he3s from (n,n\*)he3



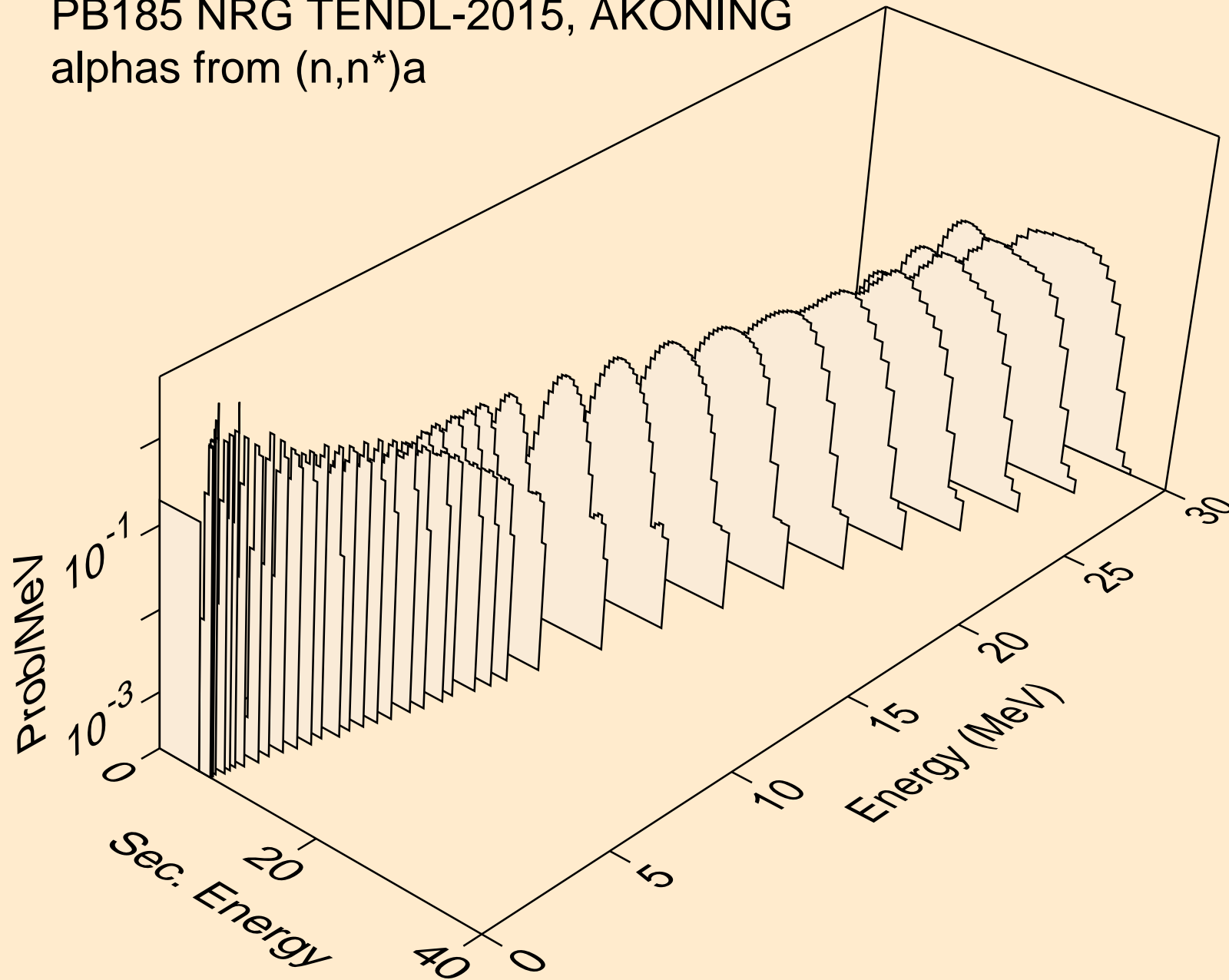
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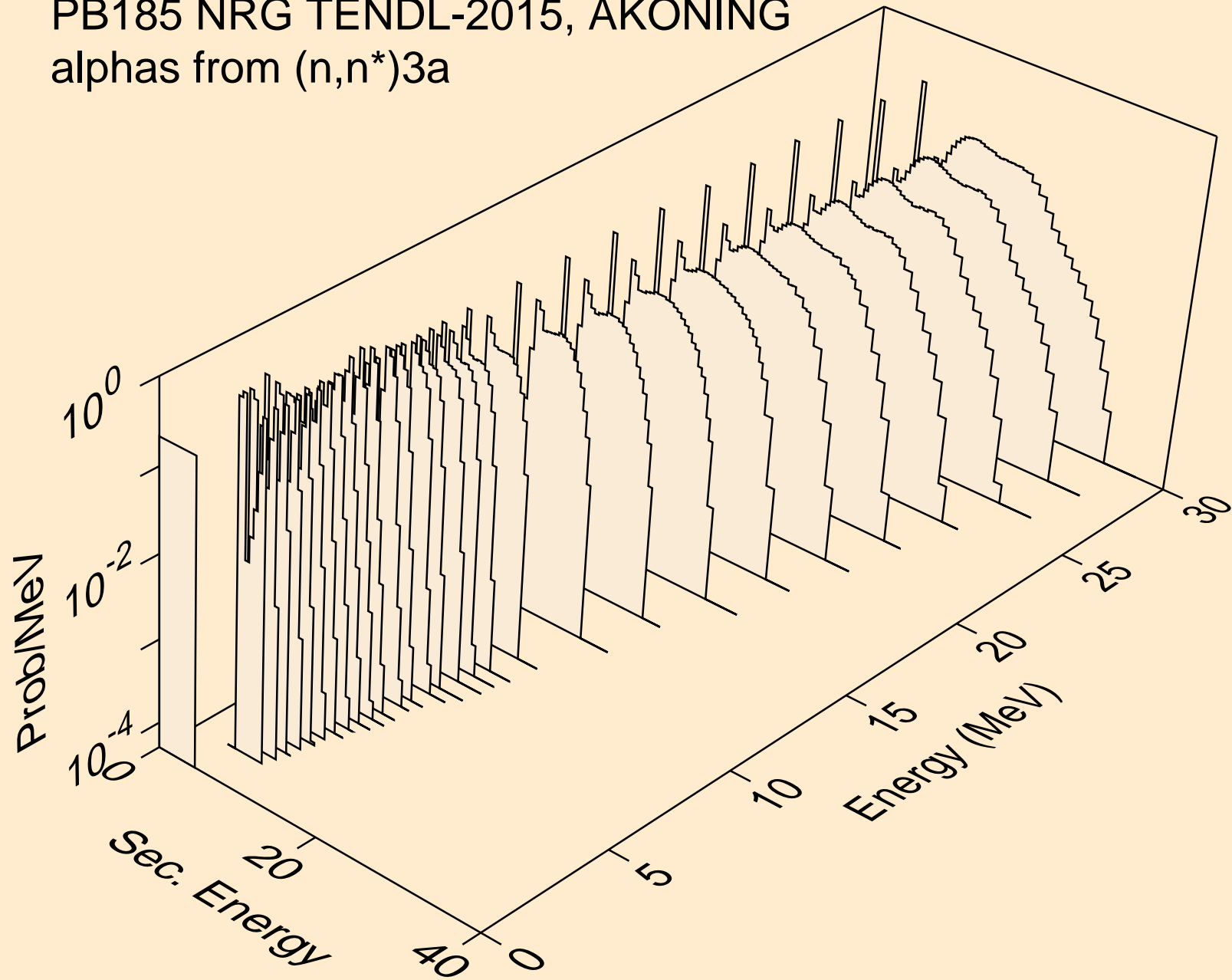
PB185 NRG TENDL-2015, AKONING  
alphas from (n,x)



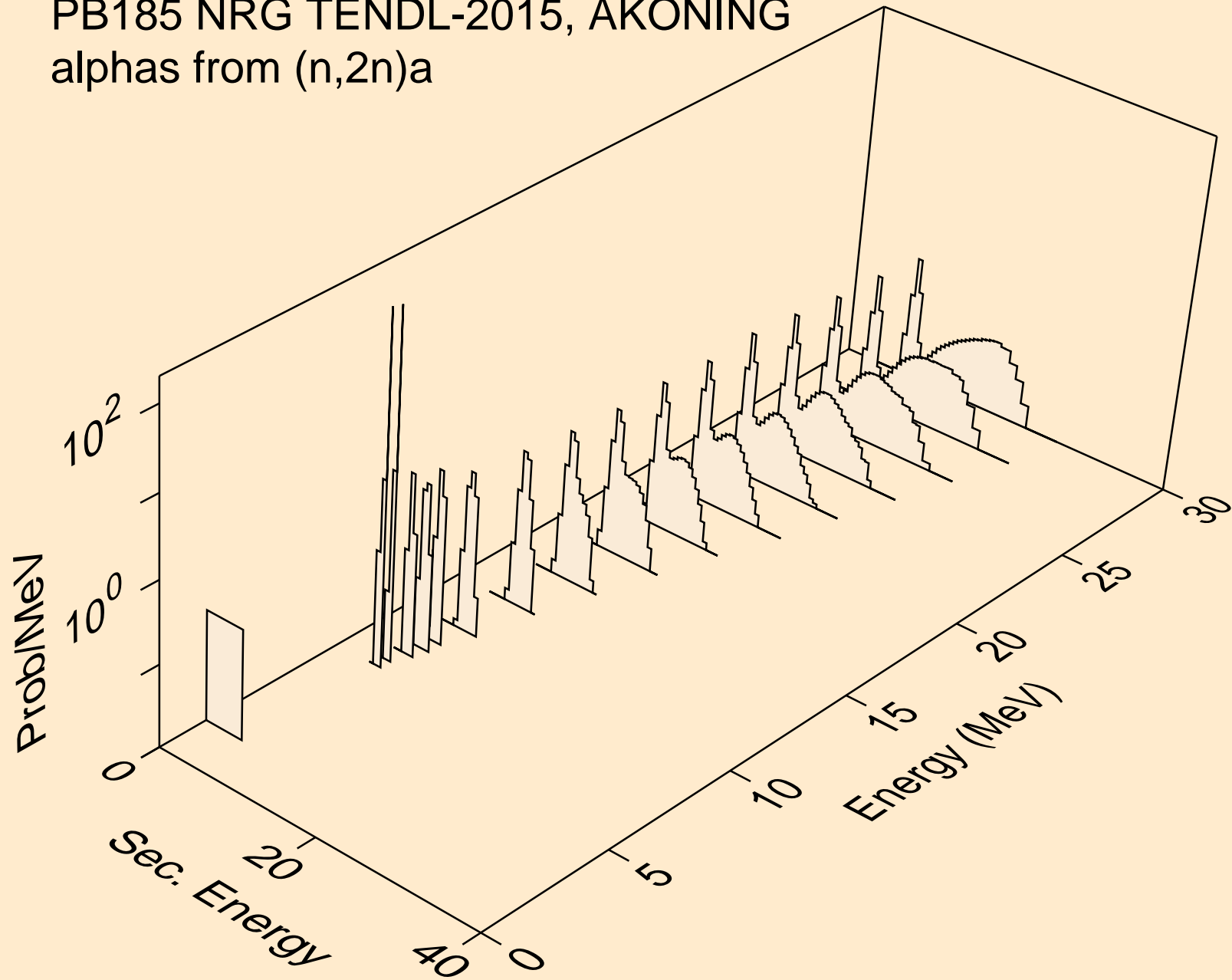
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alphas from (n,n\*)a



PB185 NRG TENDL-2015, AKONING  
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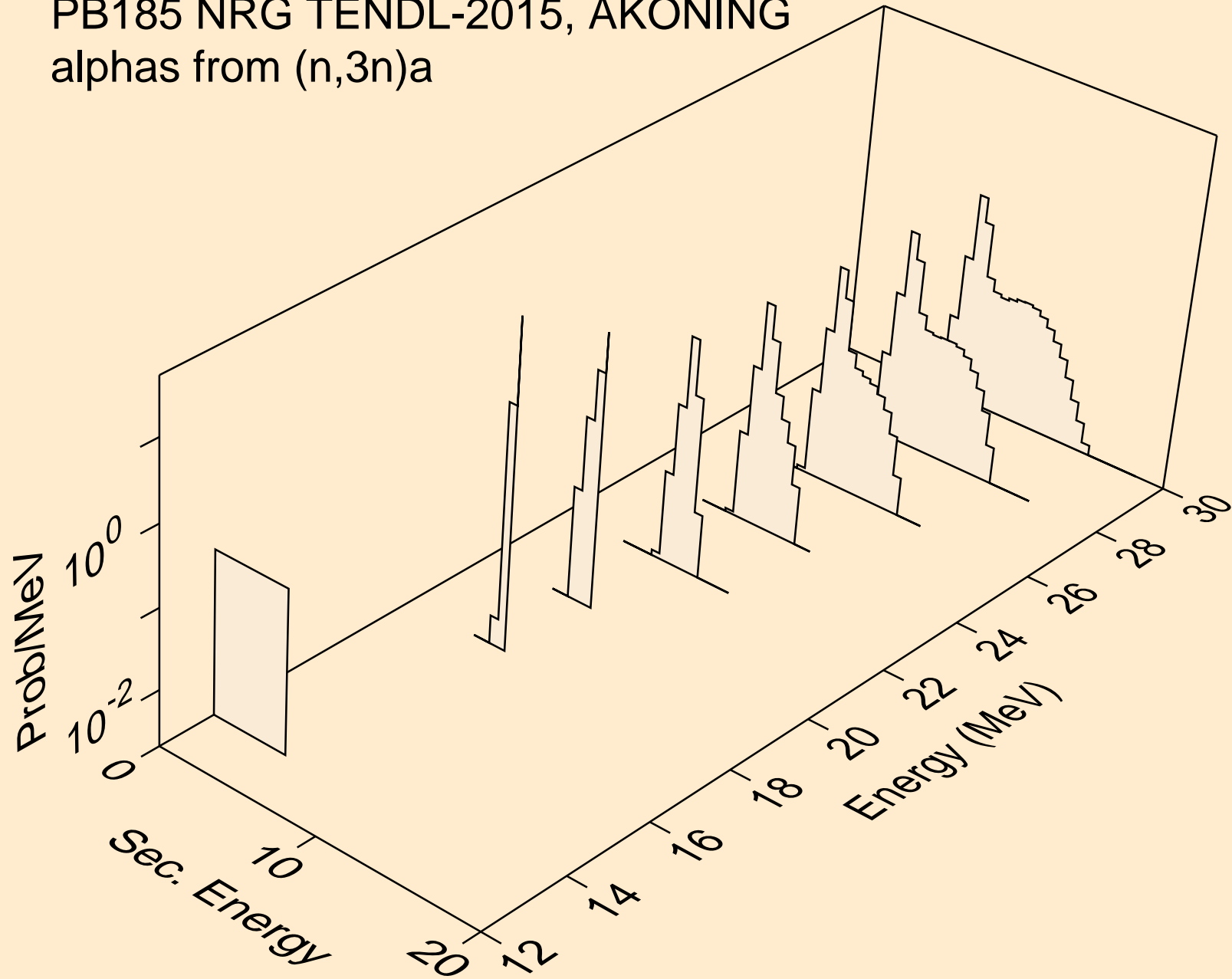


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alphas from (n,2n)a

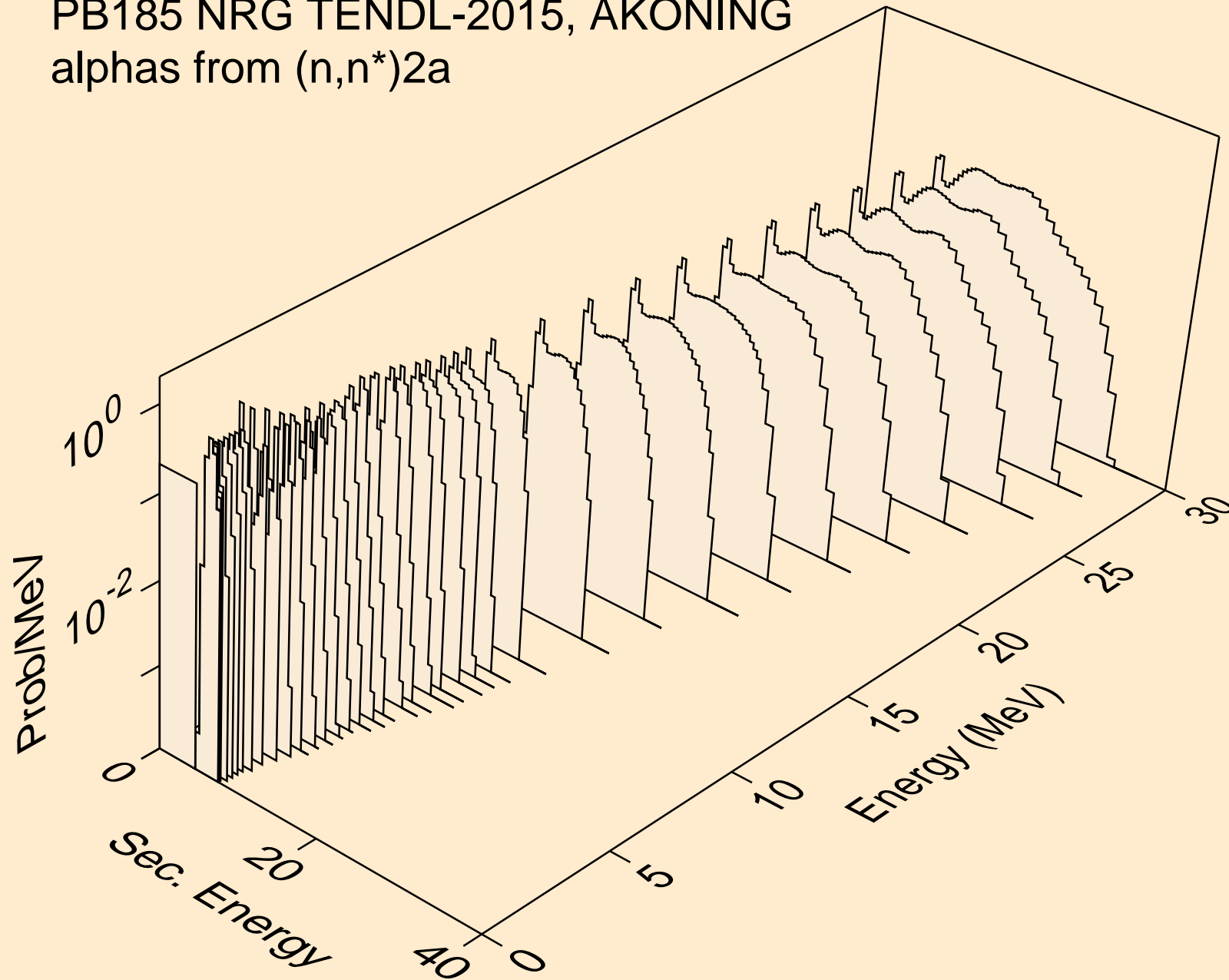




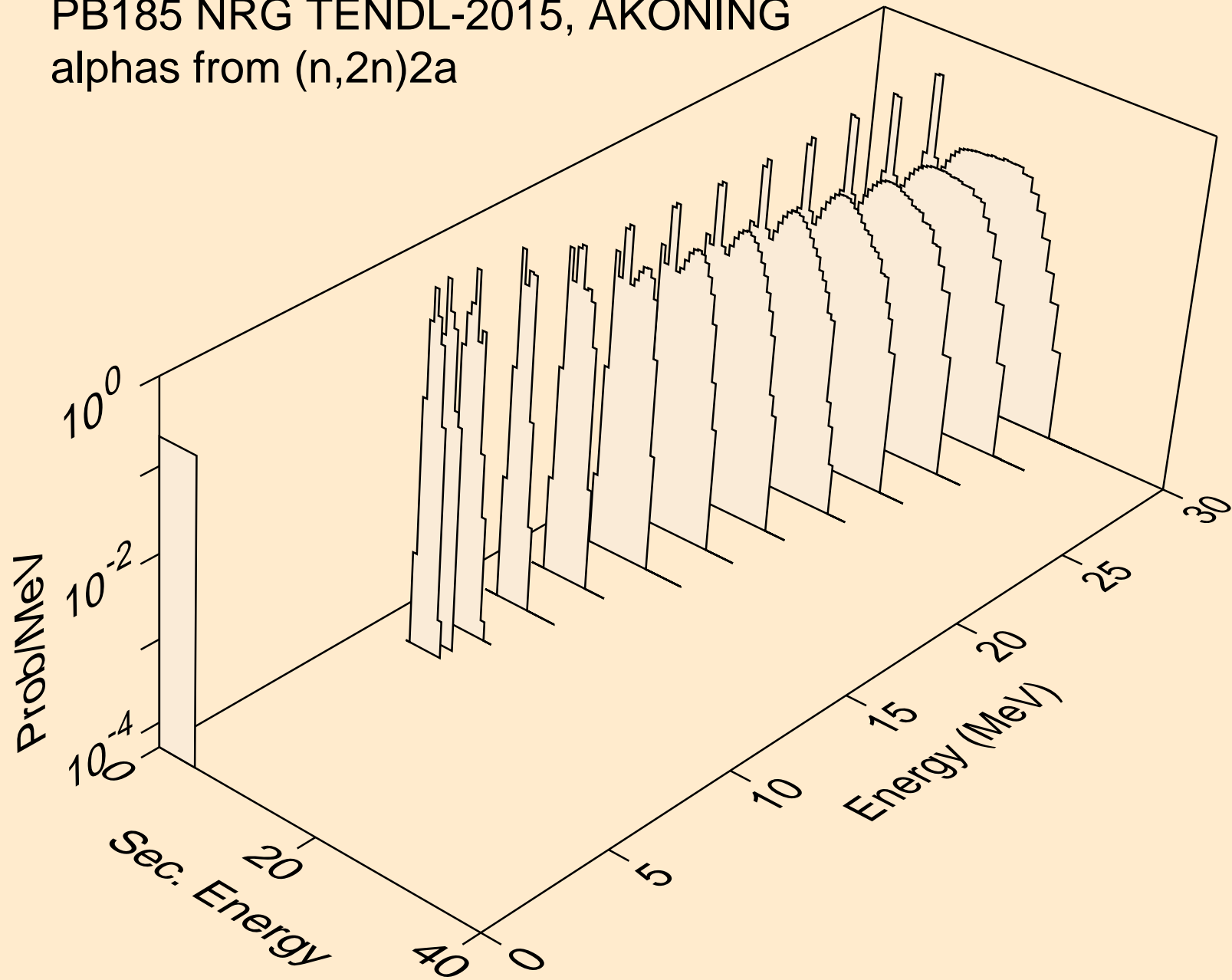
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alphas from (n,3n)a



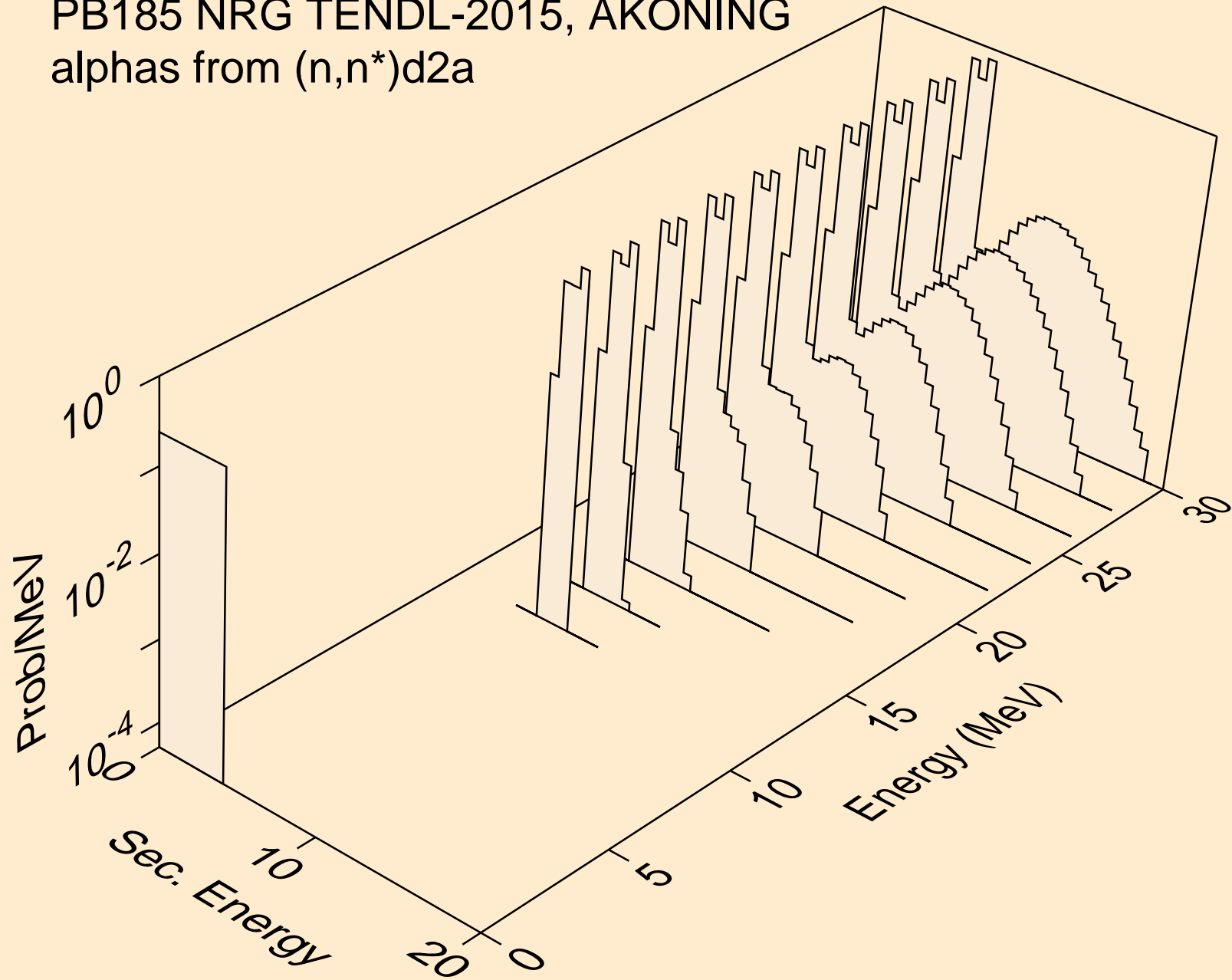
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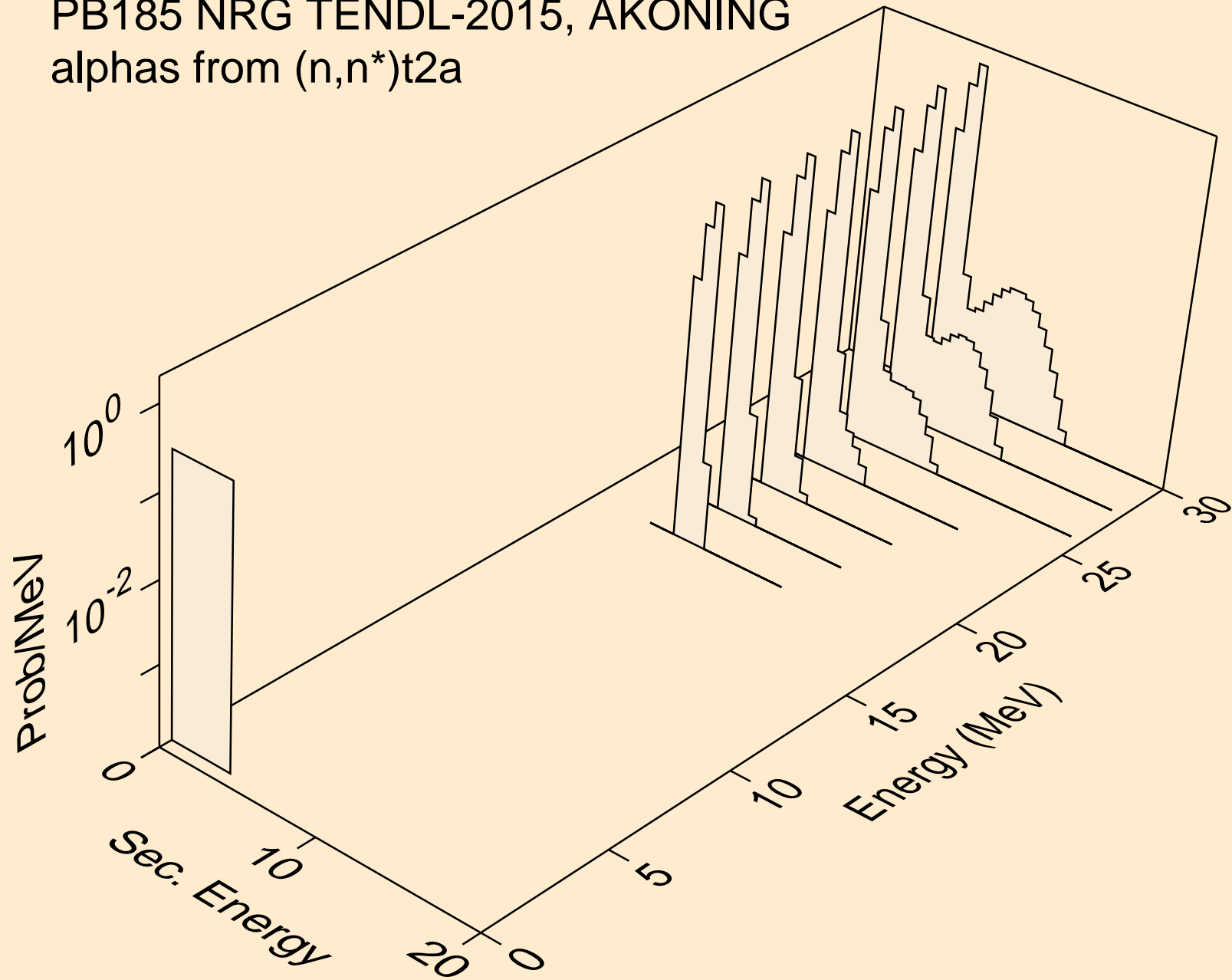
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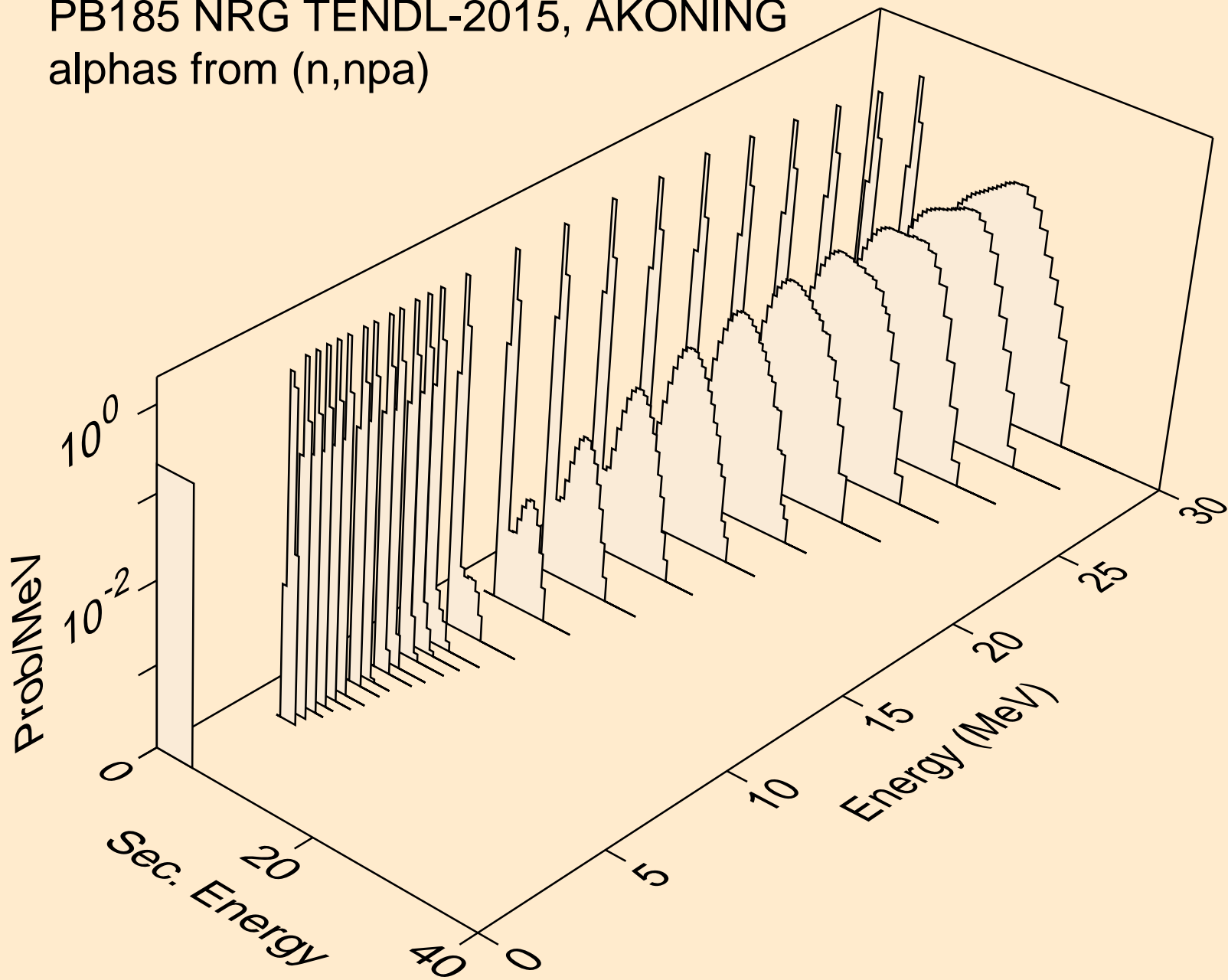
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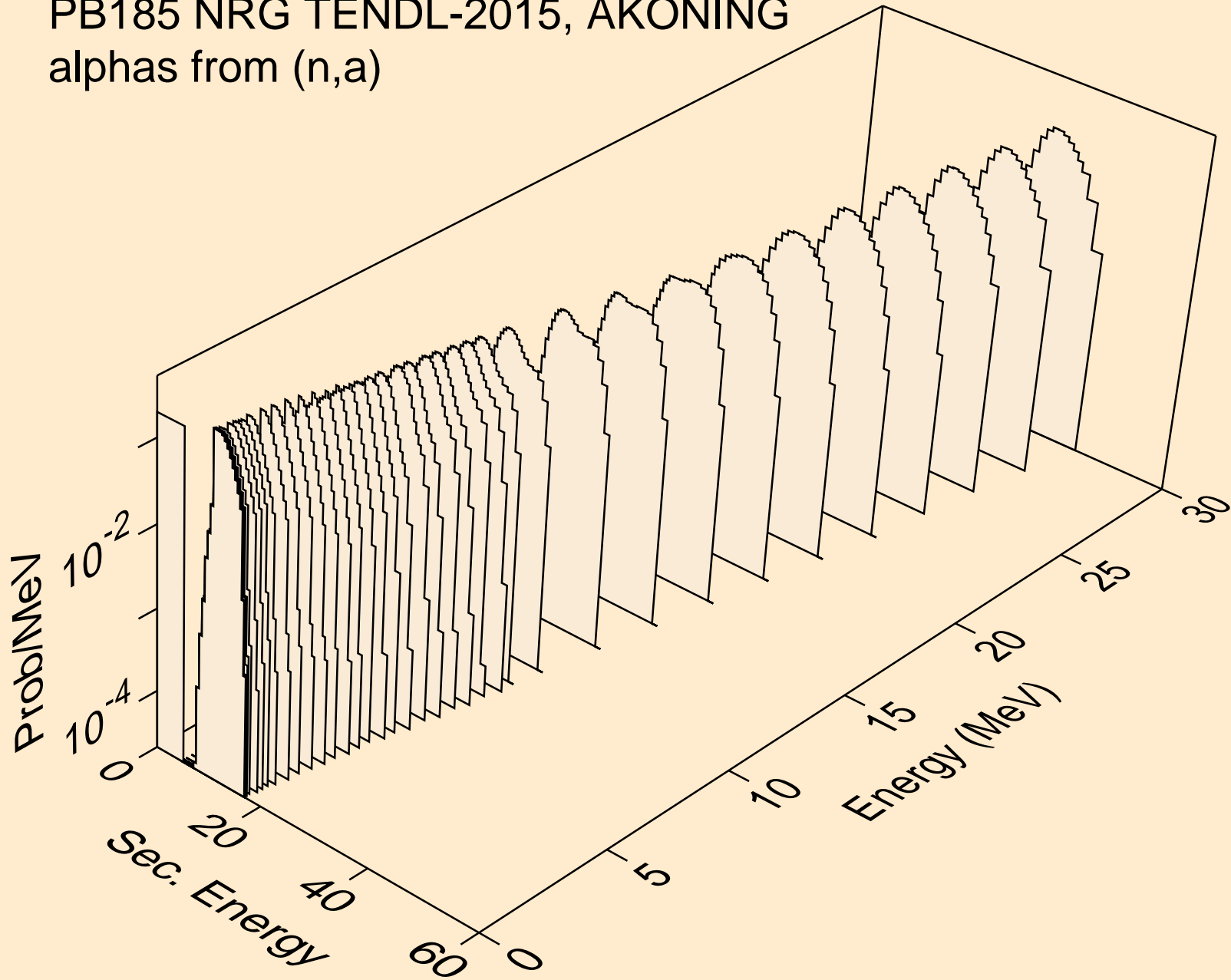
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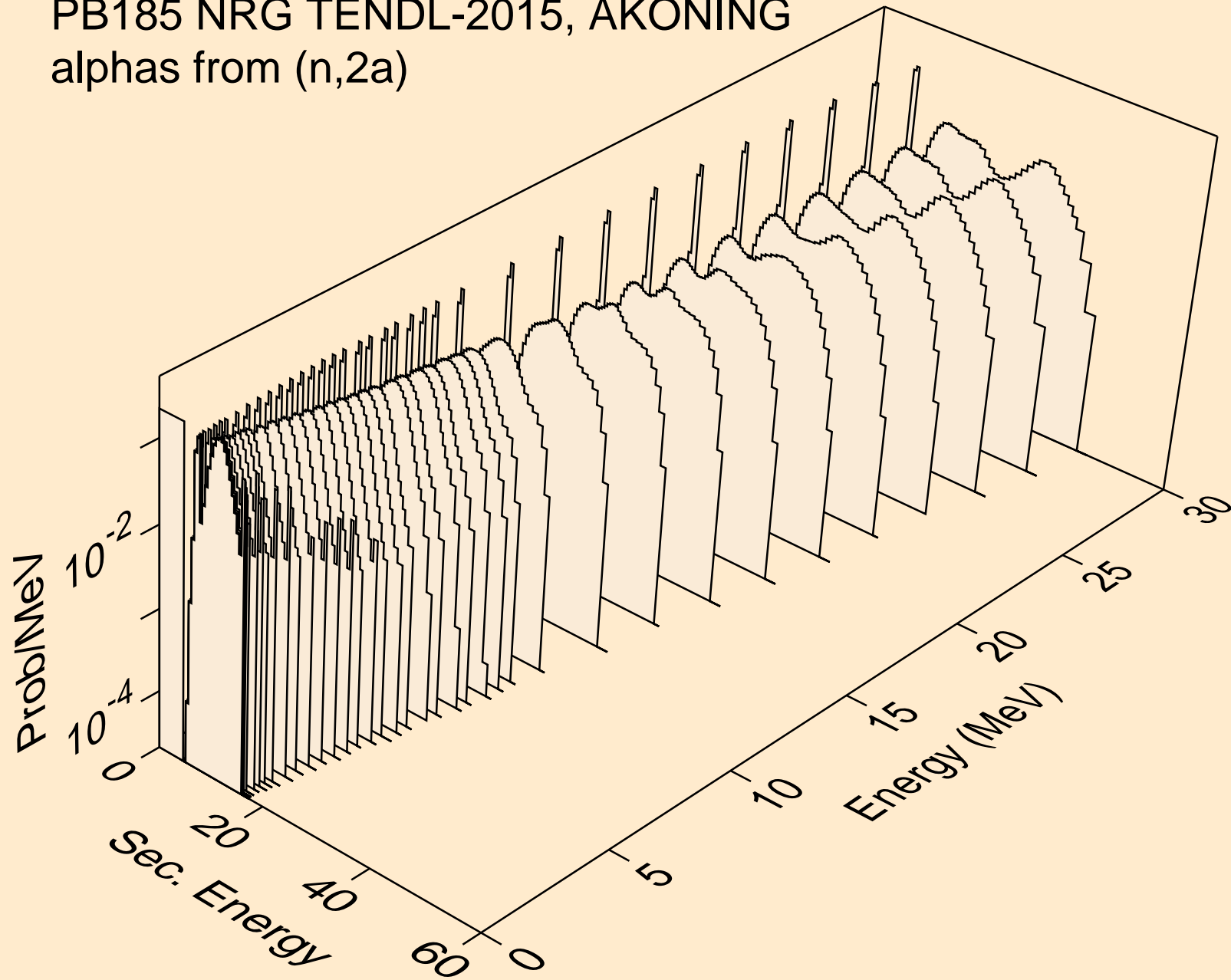
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alphas from (n,npa)



PB185 NRG TENDL-2015, AKONING  
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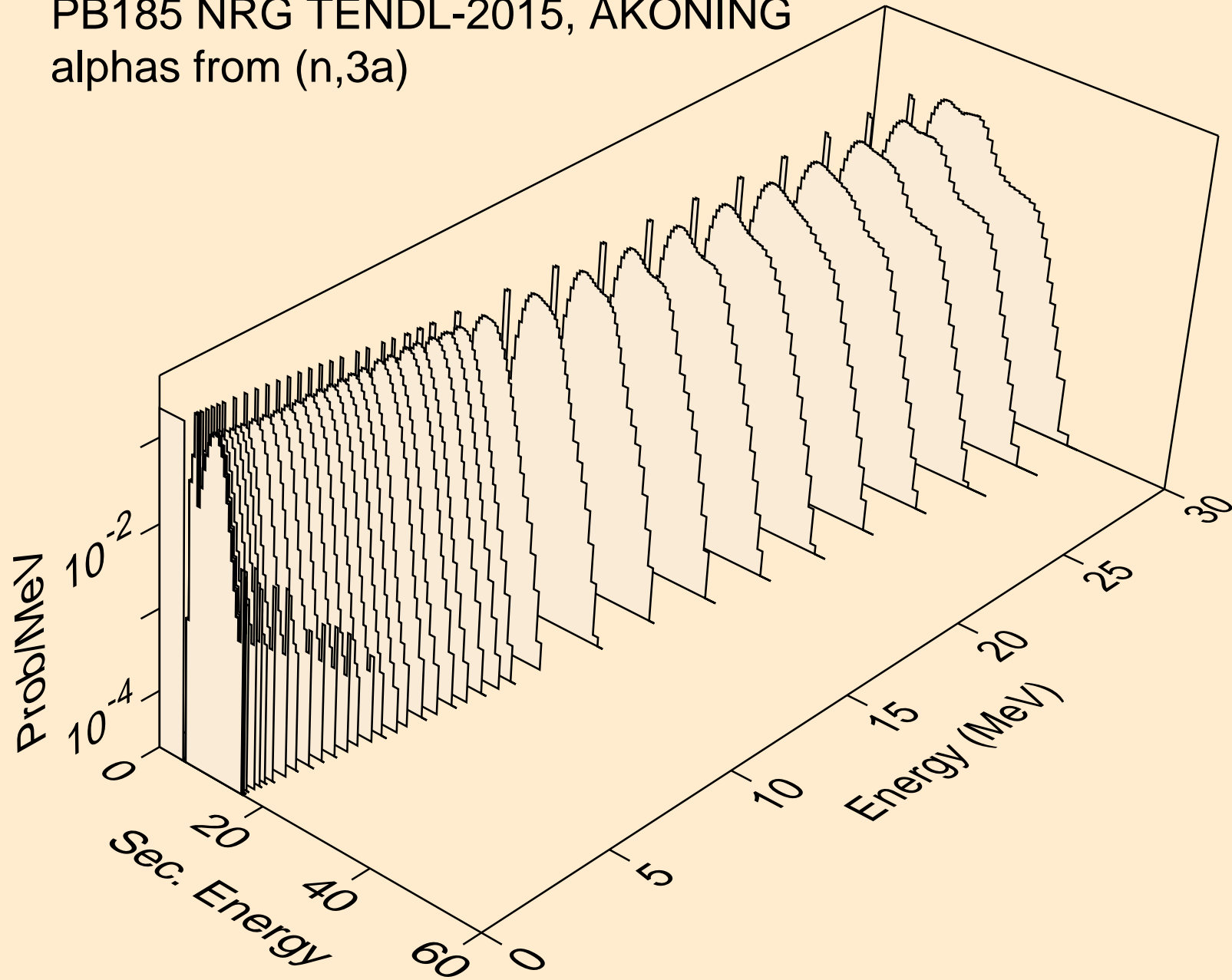


PB185 NRG TENDL-2015, AKONING  
alphas from (n,2a)

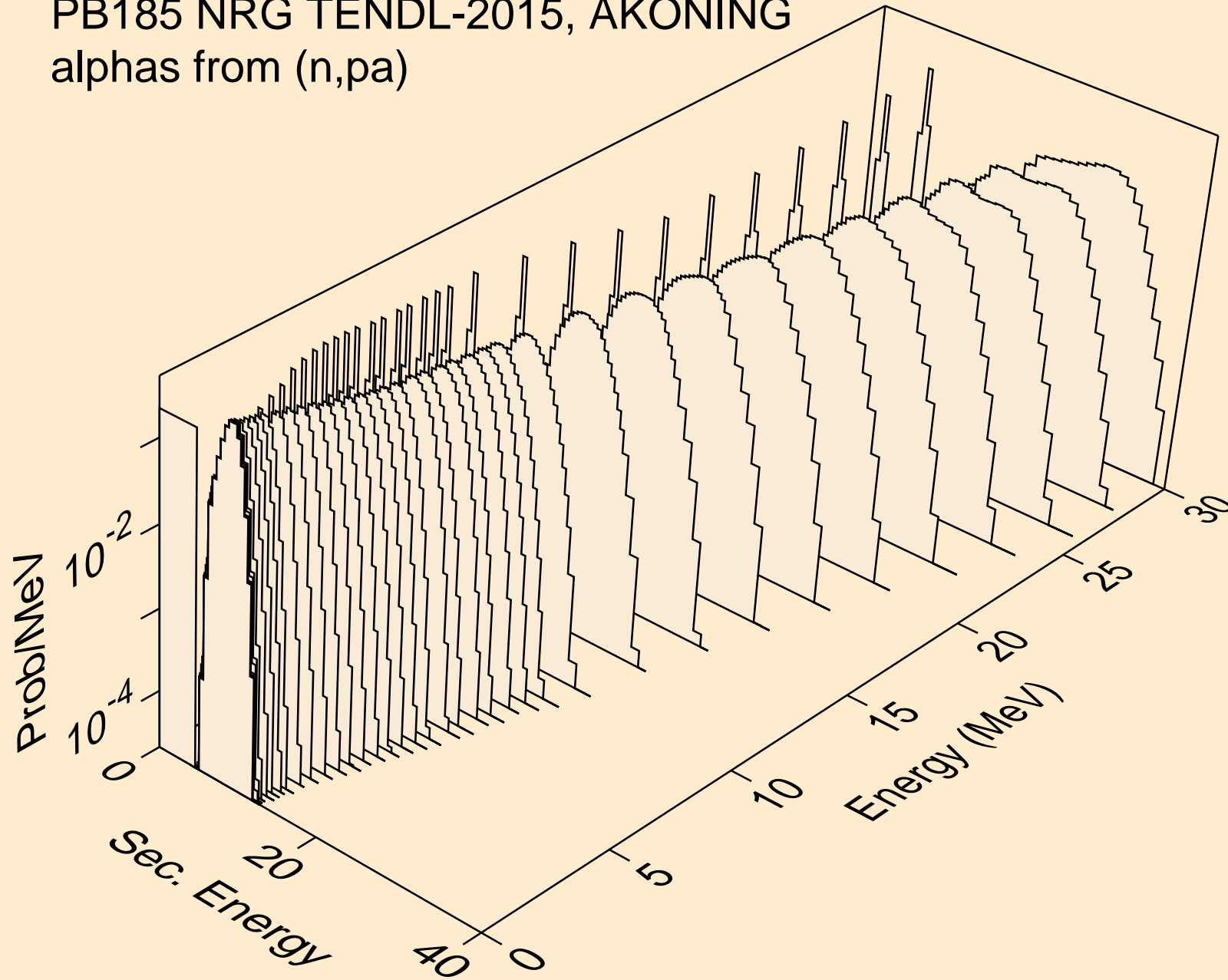




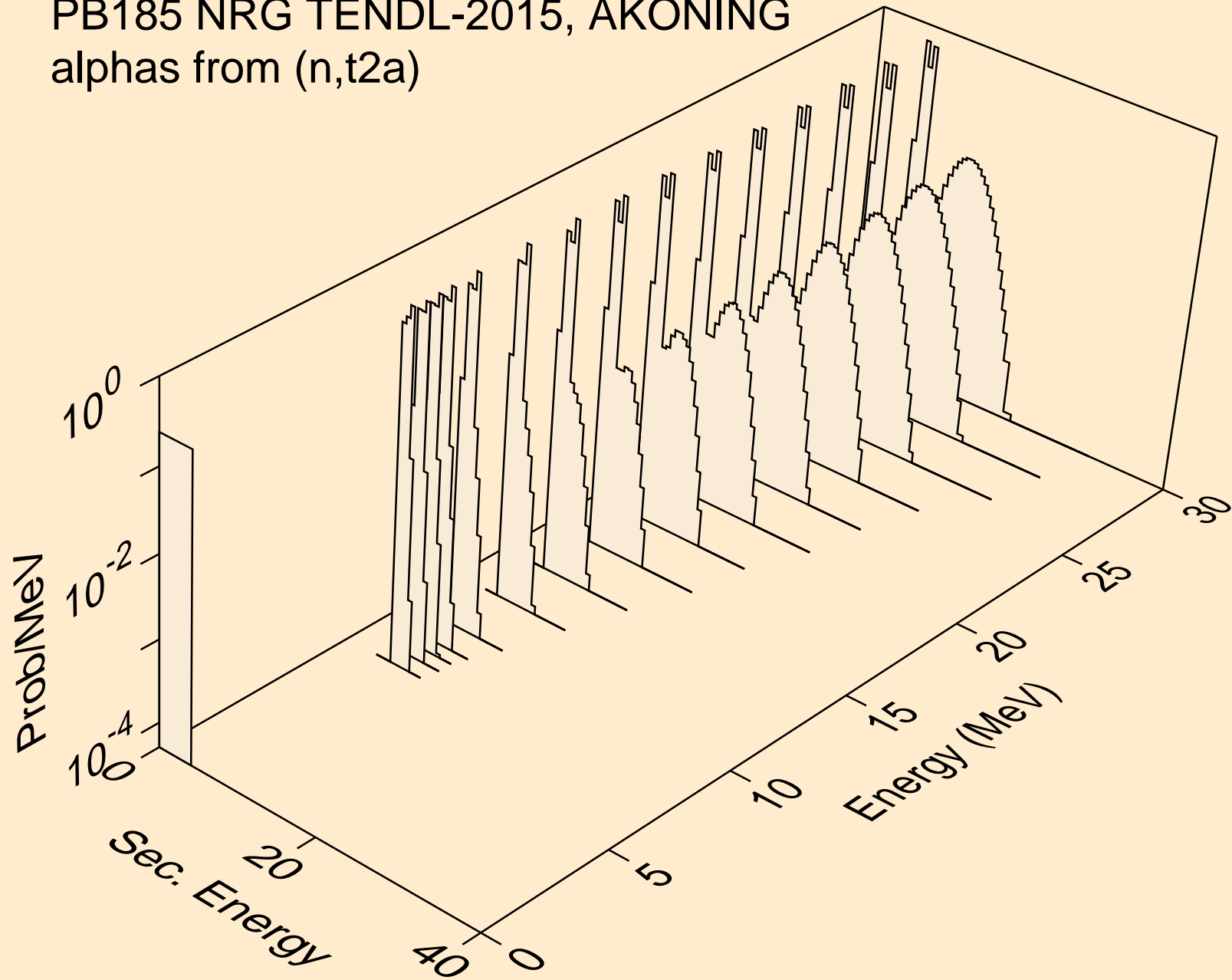
PB185 NRG TENDL-2015, AKONING  
alphas from (n,3a)



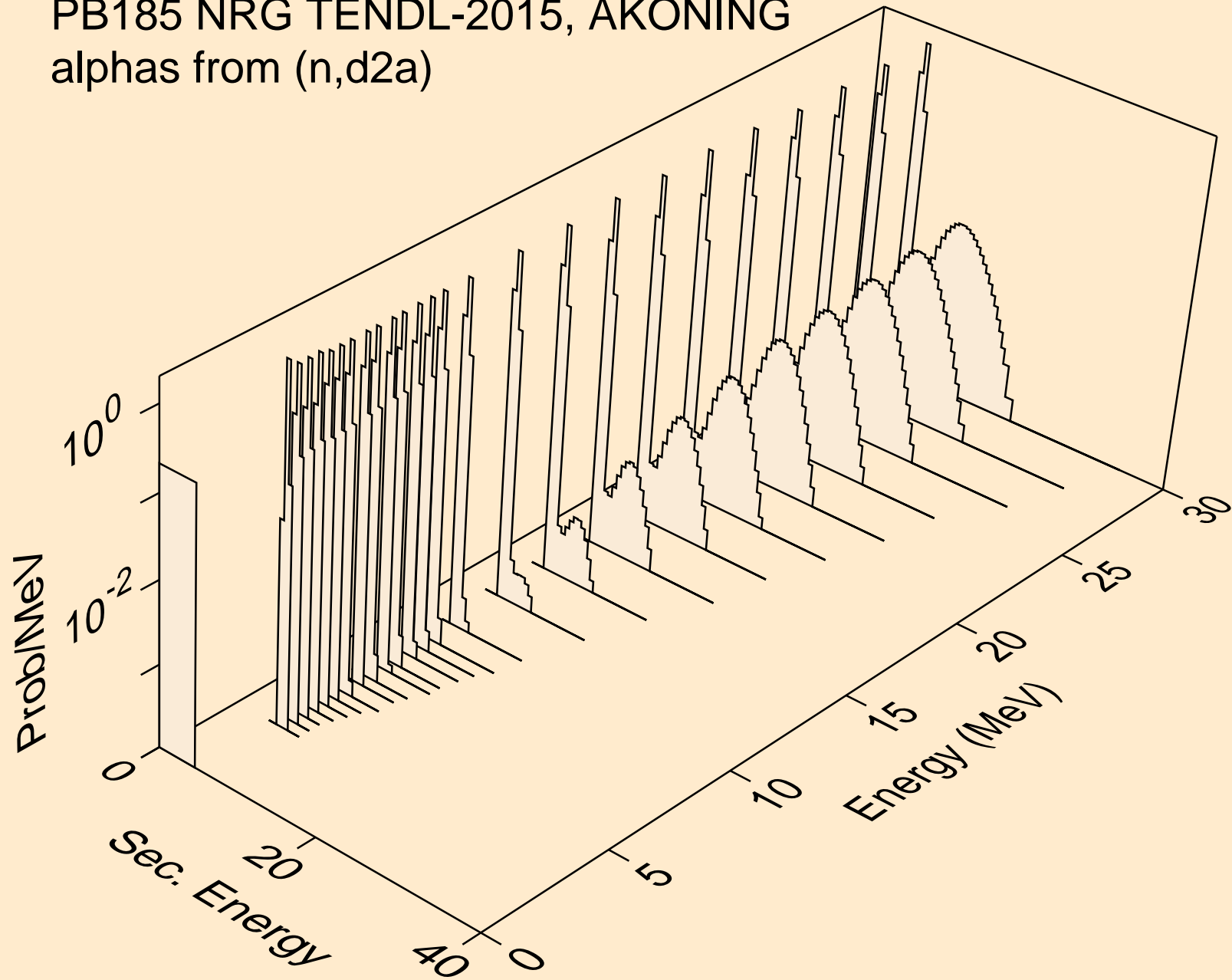
PB185 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PB185 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PB185 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



PB185 NRG TENDL-2015, AKONING  
alphas from (n,da)

