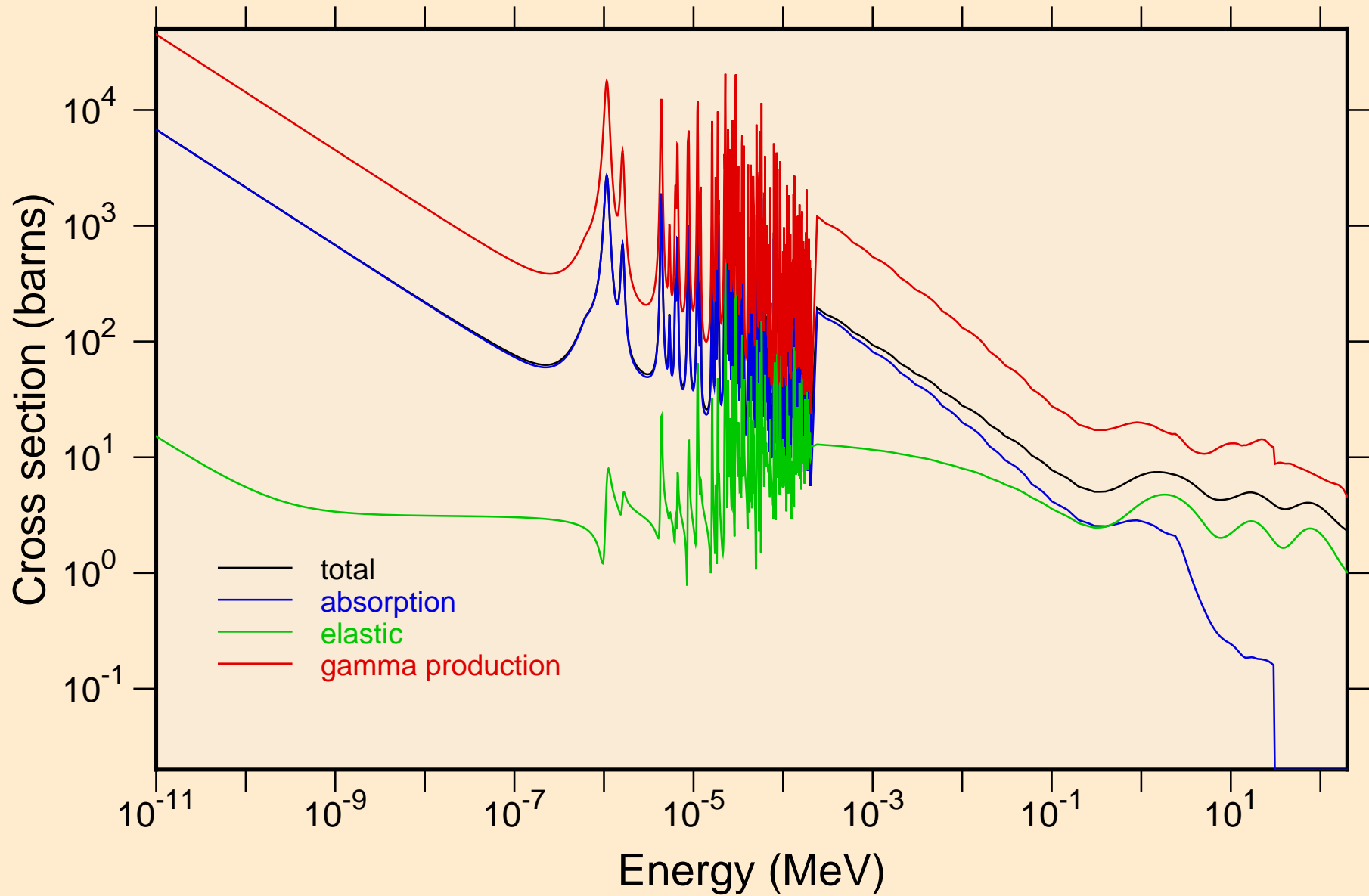
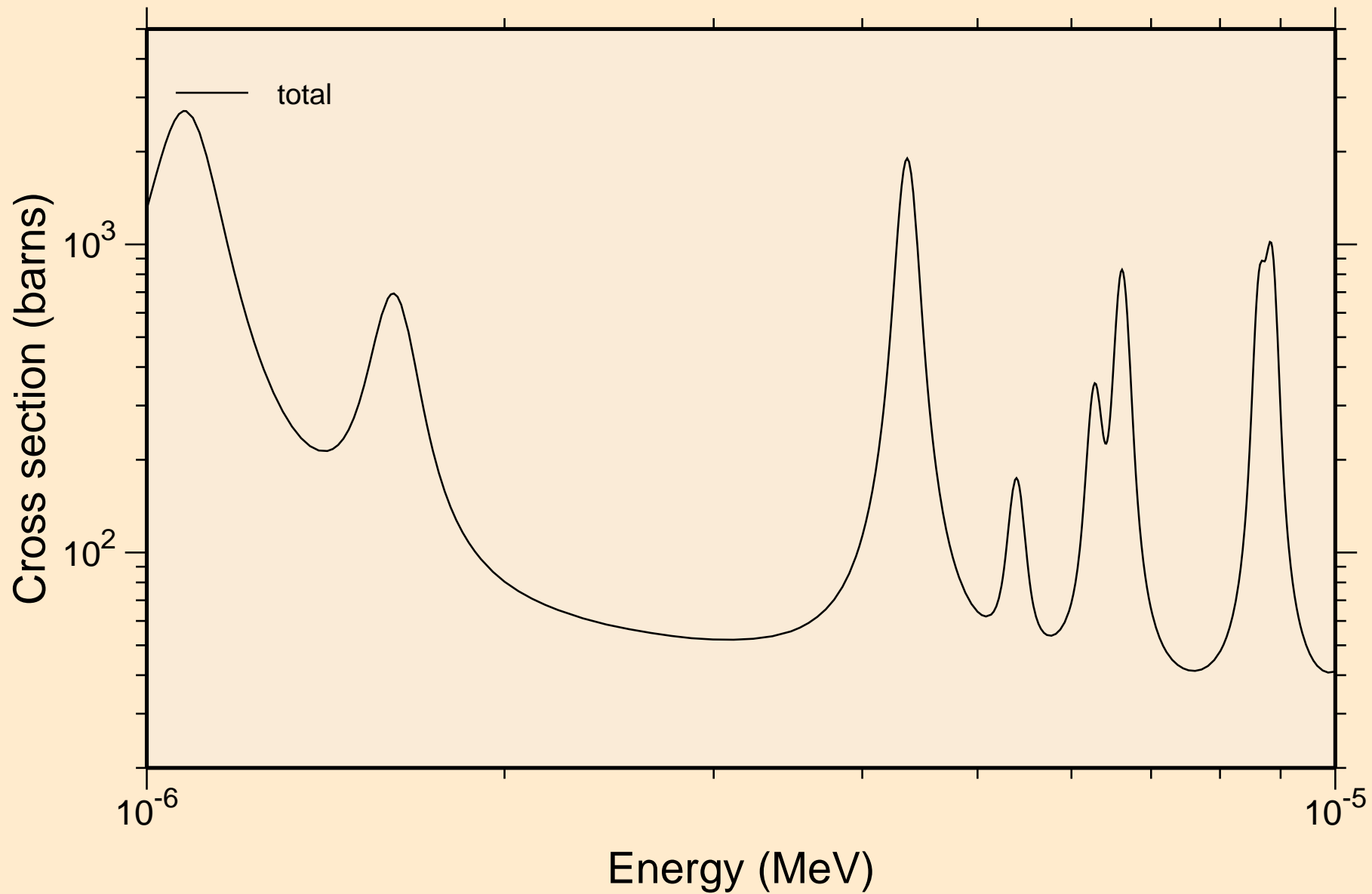


# GD145M NRG TENDL-2015, AKONING

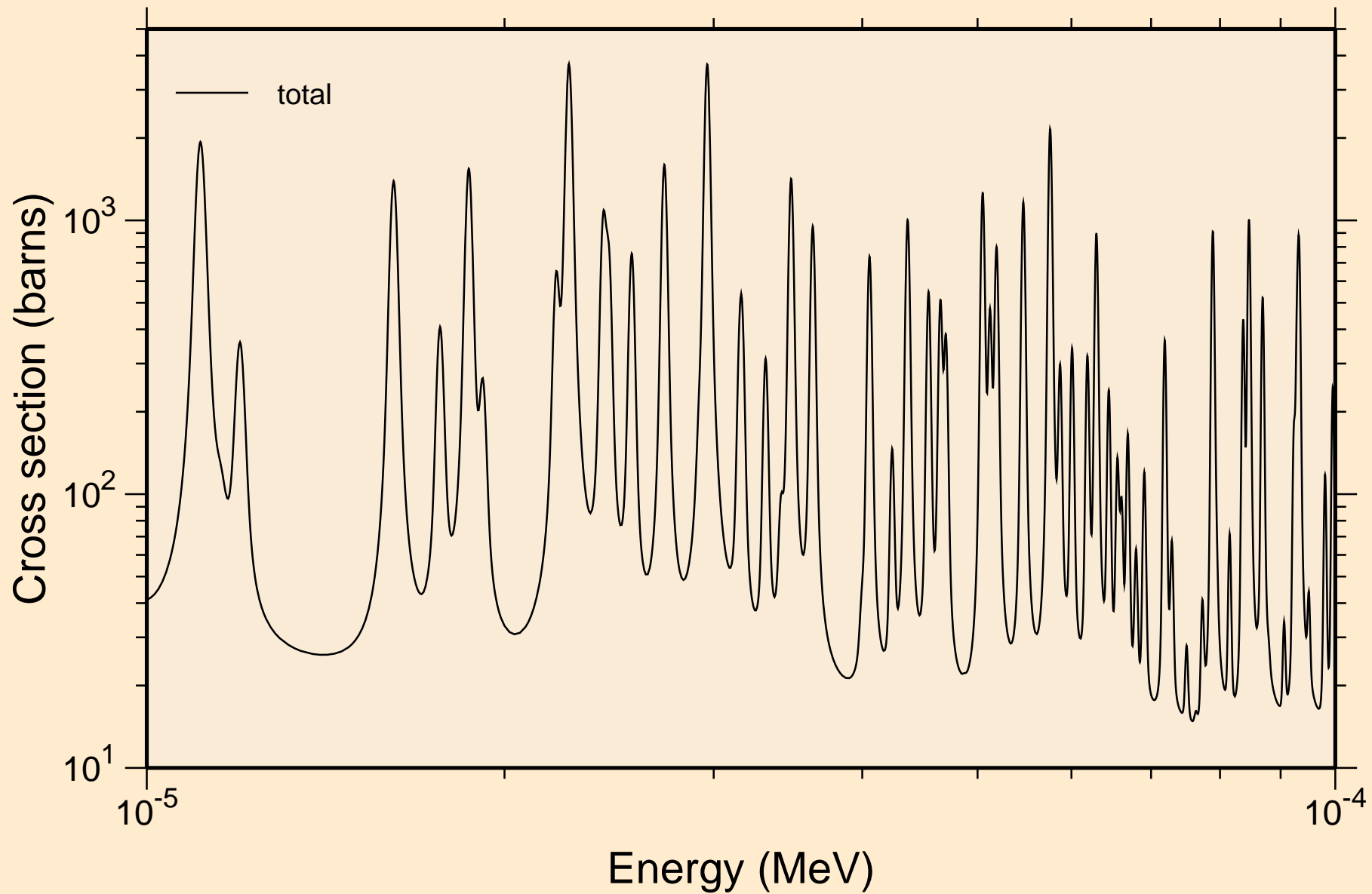
## Principal cross sections



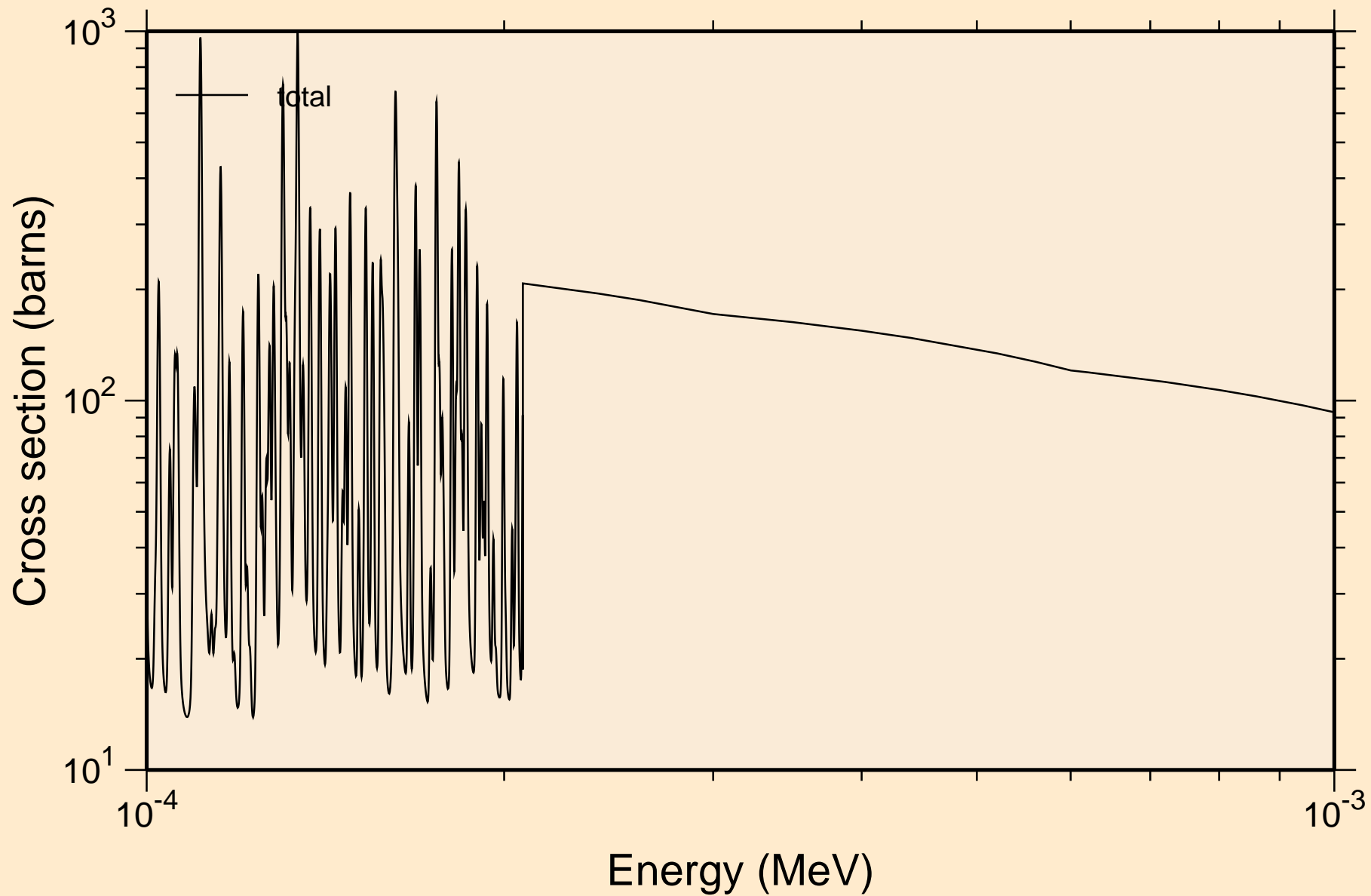
GD145M NRG TENDL-2015, AKONING  
resonance total cross section



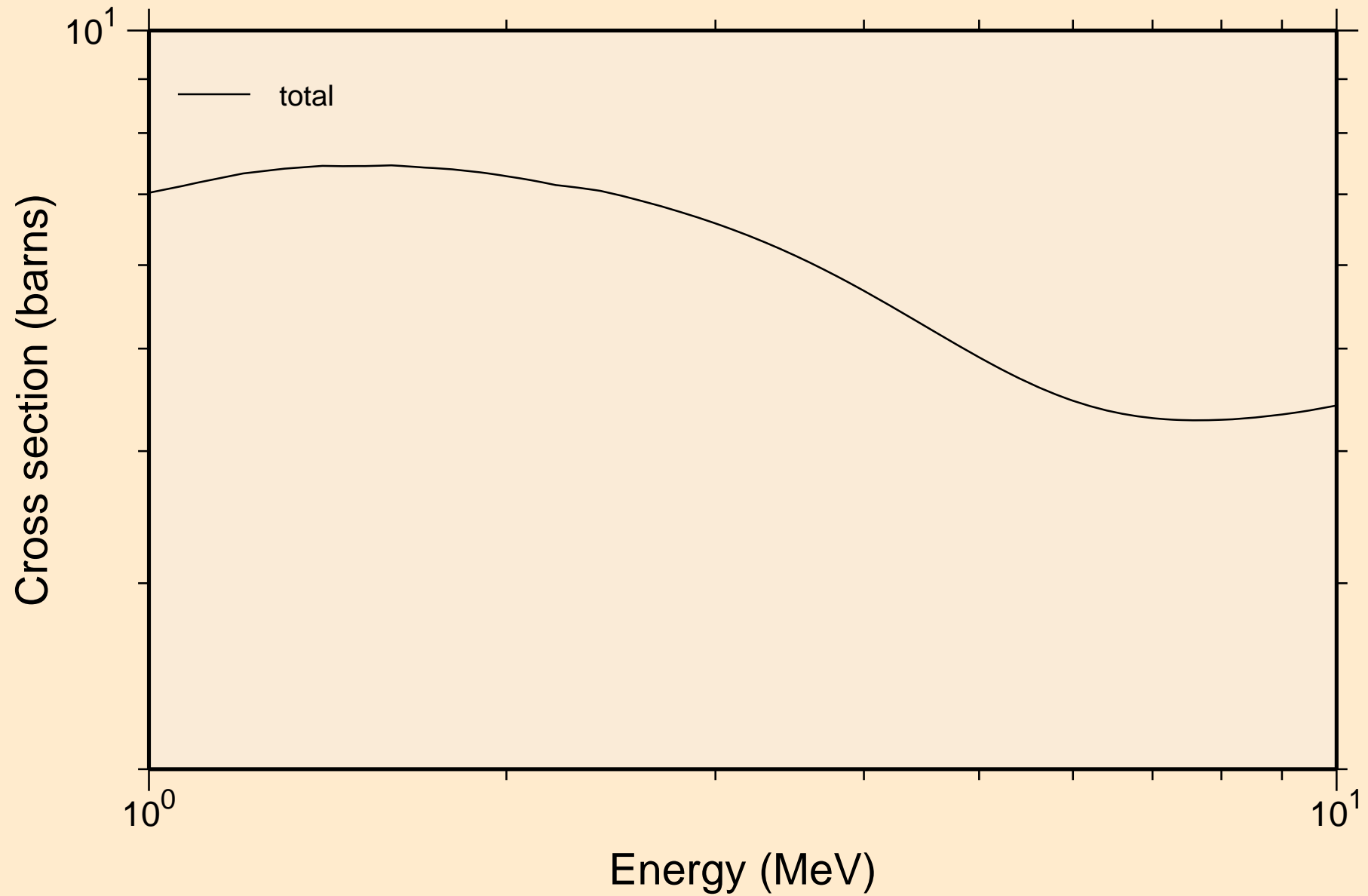
GD145M NRG TENDL-2015, AKONING  
resonance total cross section



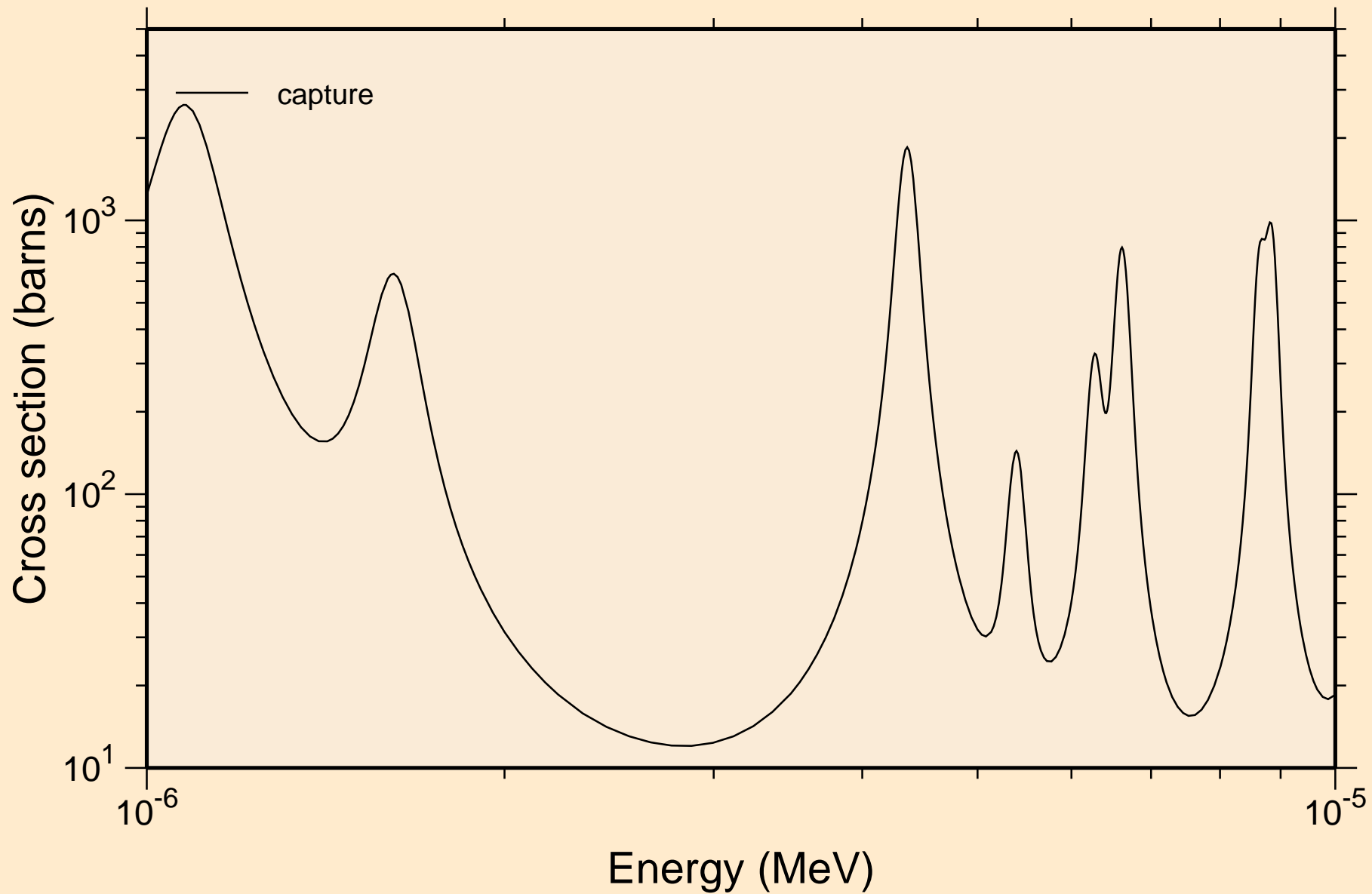
GD145M NRG TENDL-2015, AKONING  
resonance total cross section



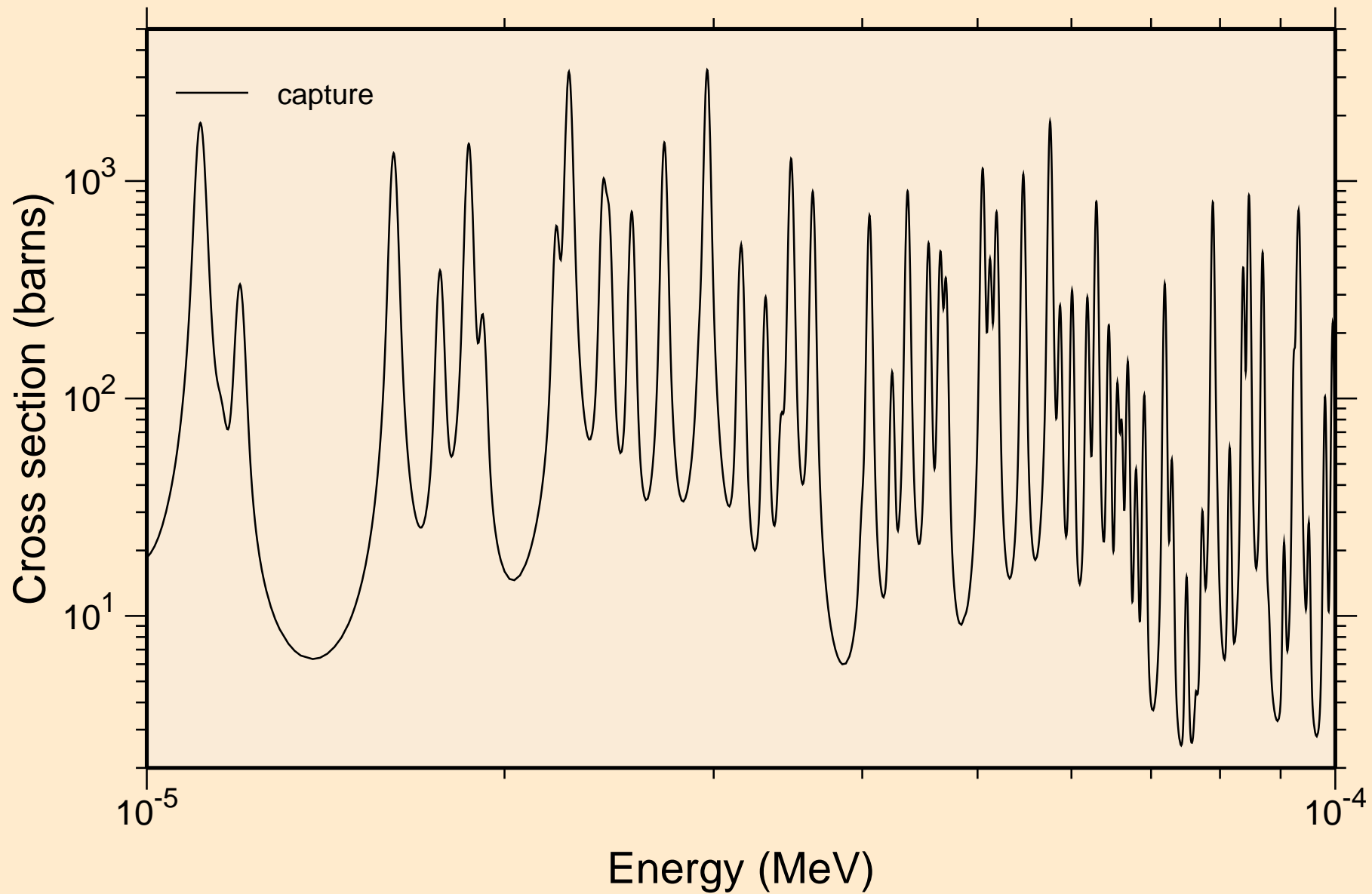
GD145M NRG TENDL-2015, AKONING  
resonance total cross section



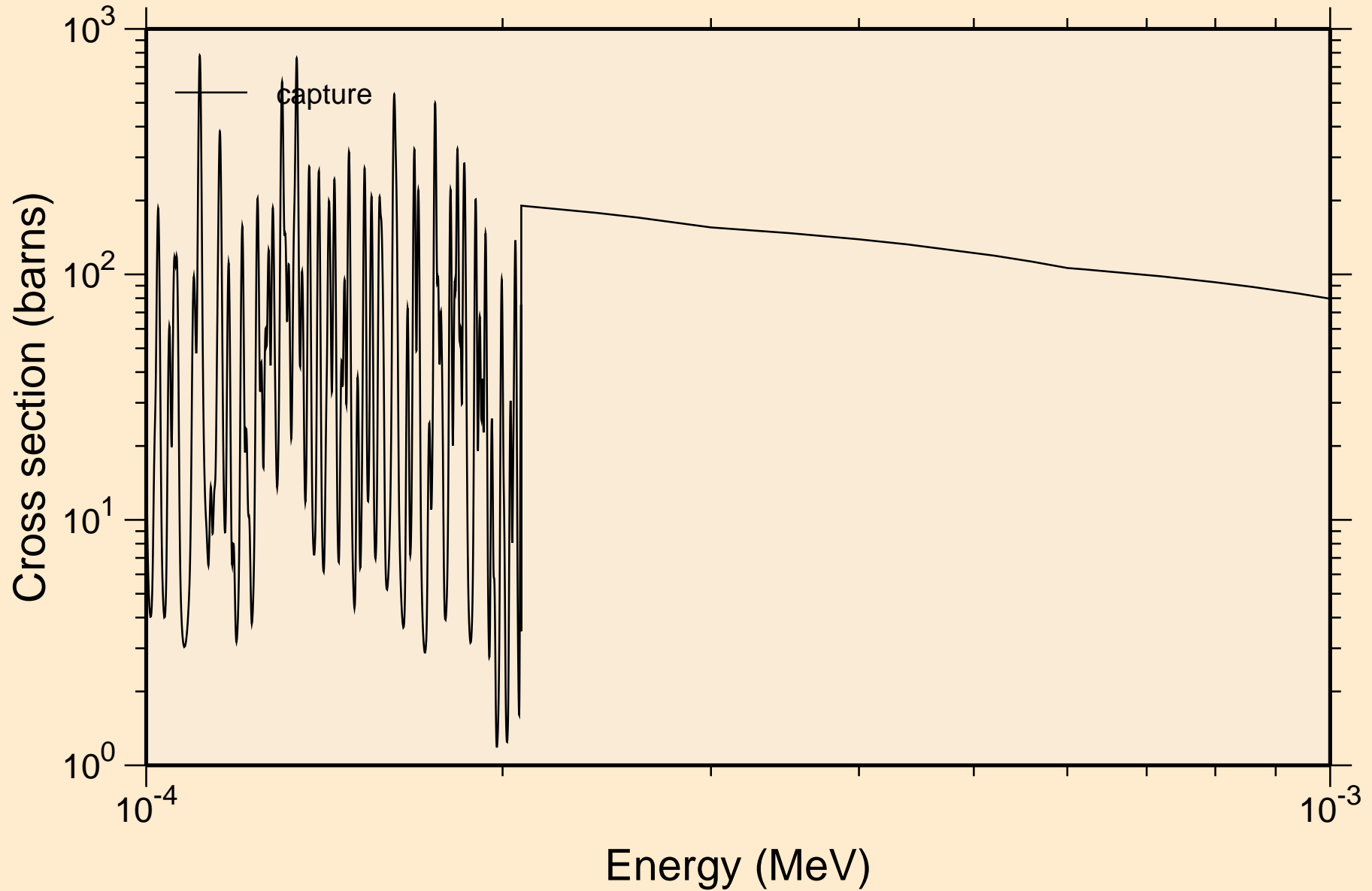
GD145M NRG TENDL-2015, AKONING  
resonance absorption cross sections



# GD145M NRG TENDL-2015, AKONING resonance absorption cross sections

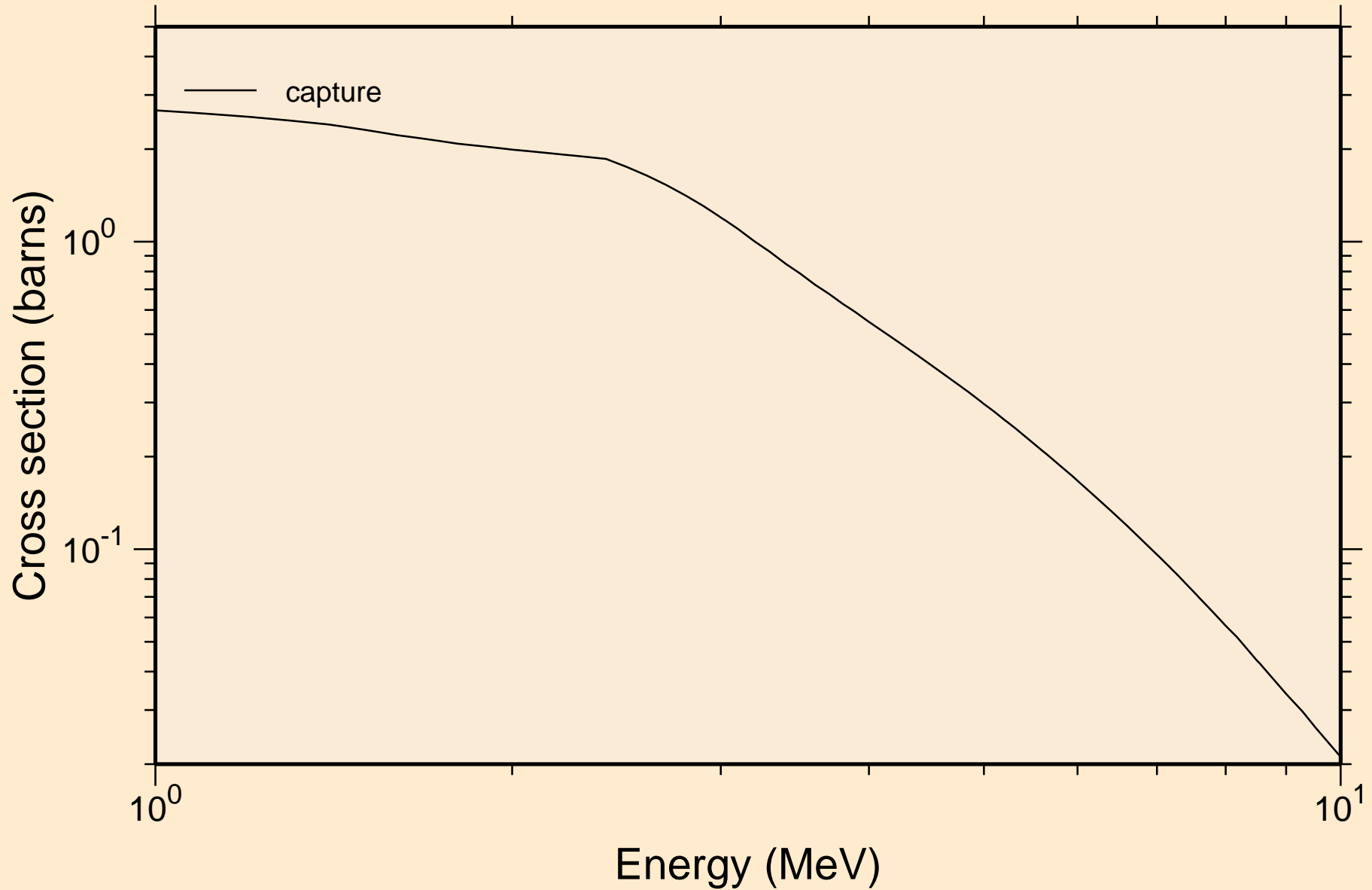


GD145M NRG TENDL-2015, AKONING  
resonance absorption cross sections



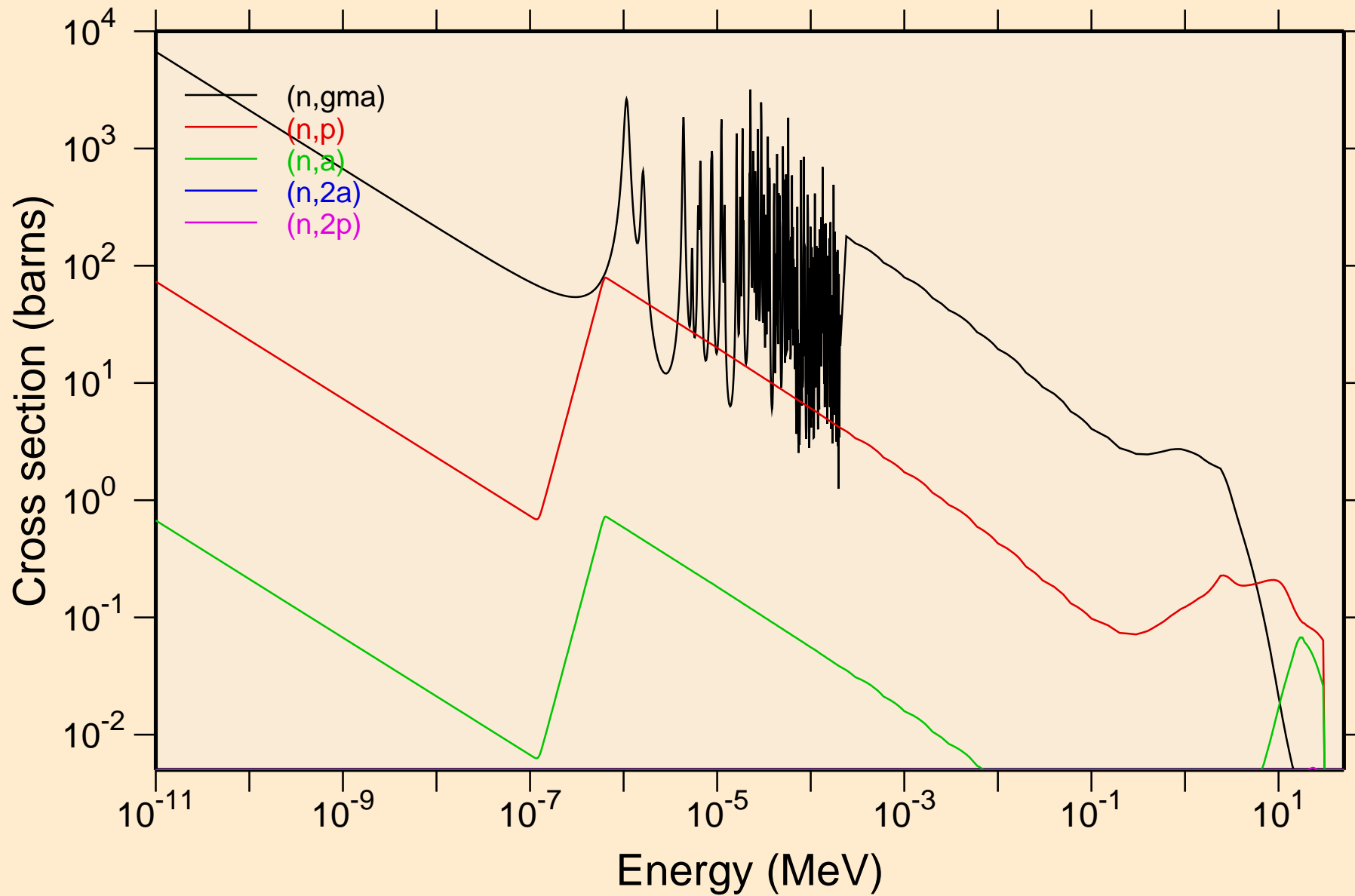


GD145M NRG TENDL-2015, AKONING  
resonance absorption cross sections



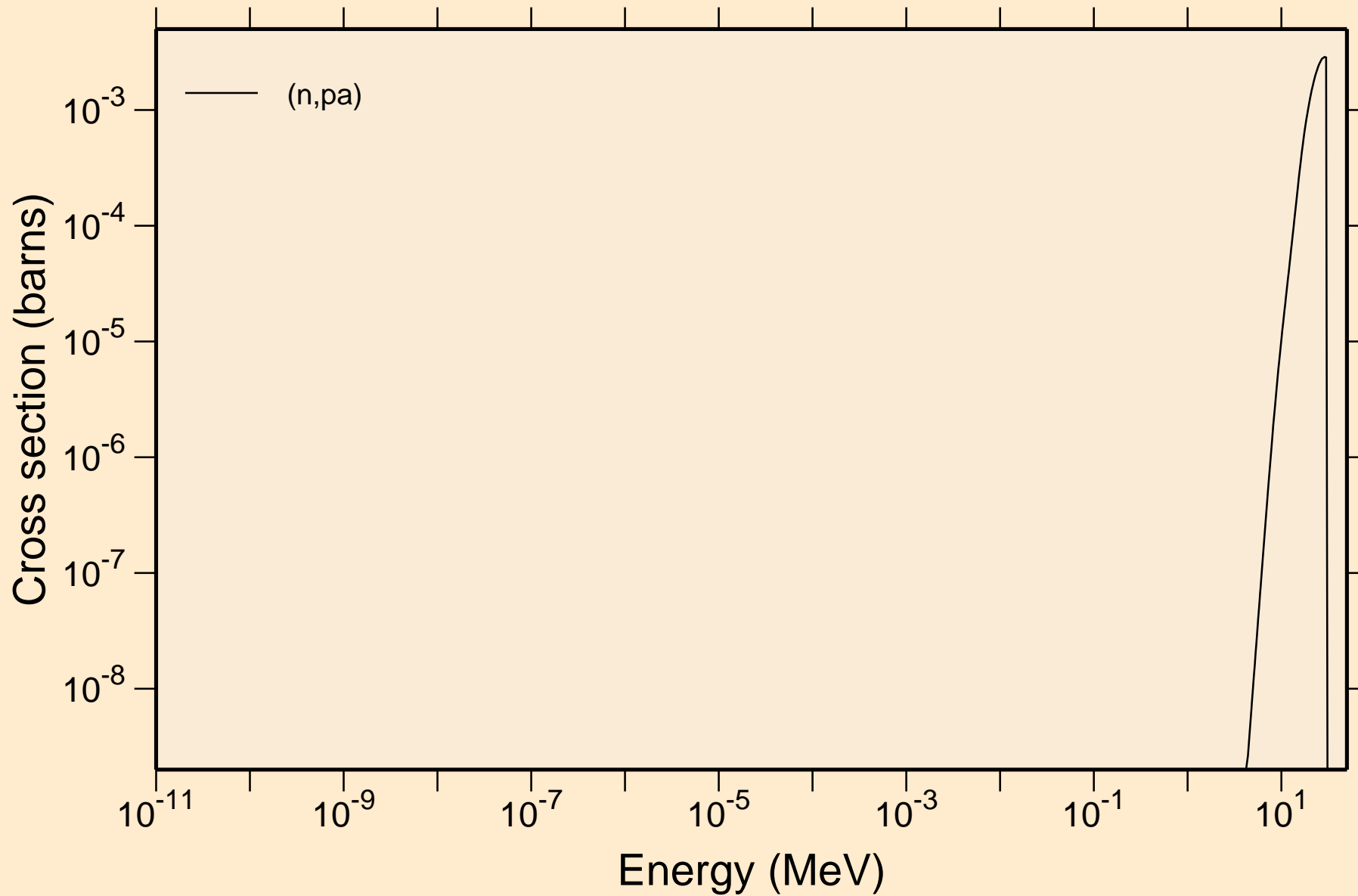
# GD145M NRG TENDL-2015, AKONING

## Non-threshold reactions



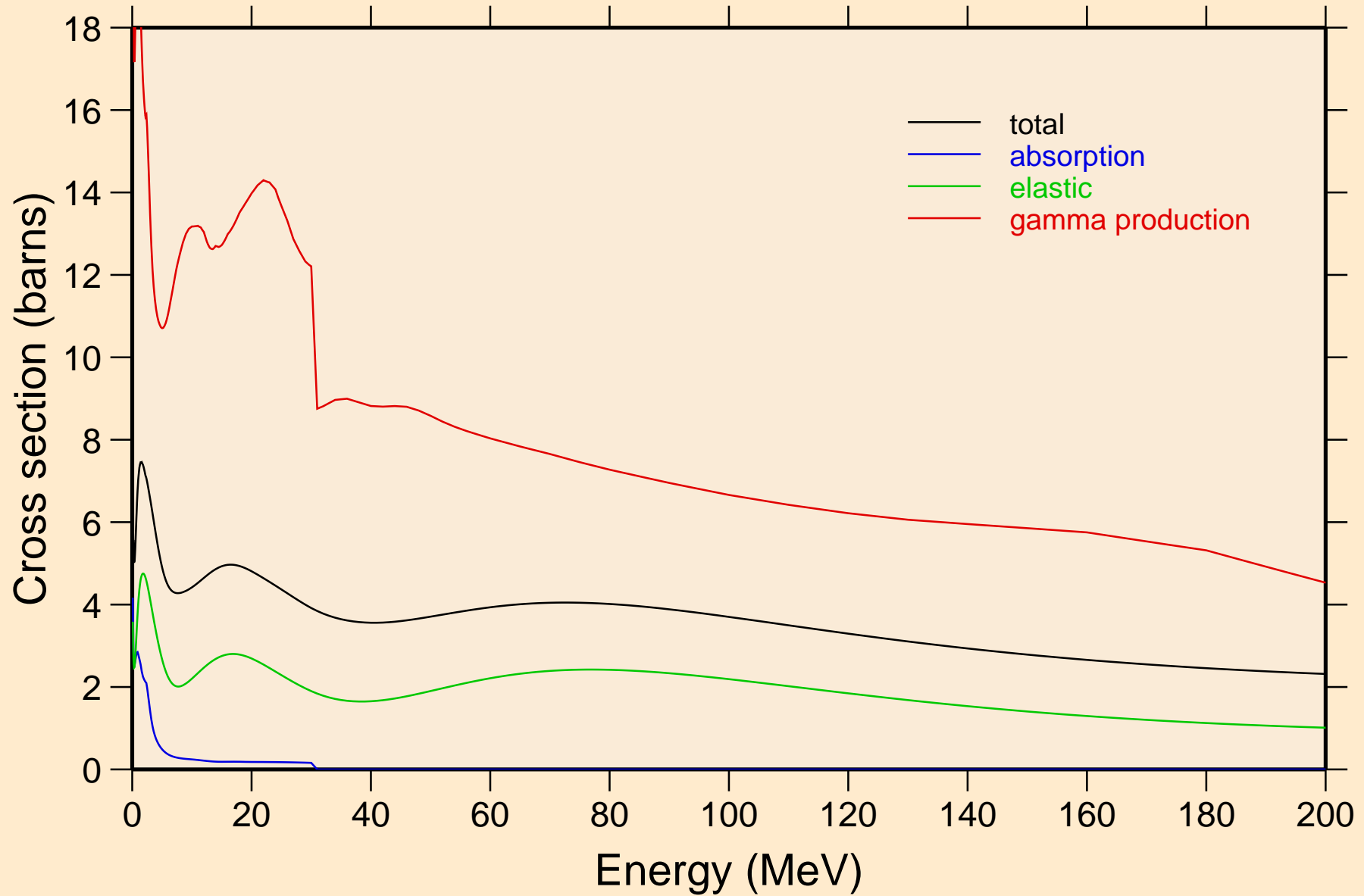
# GD145M NRG TENDL-2015, AKONING

## Non-threshold reactions



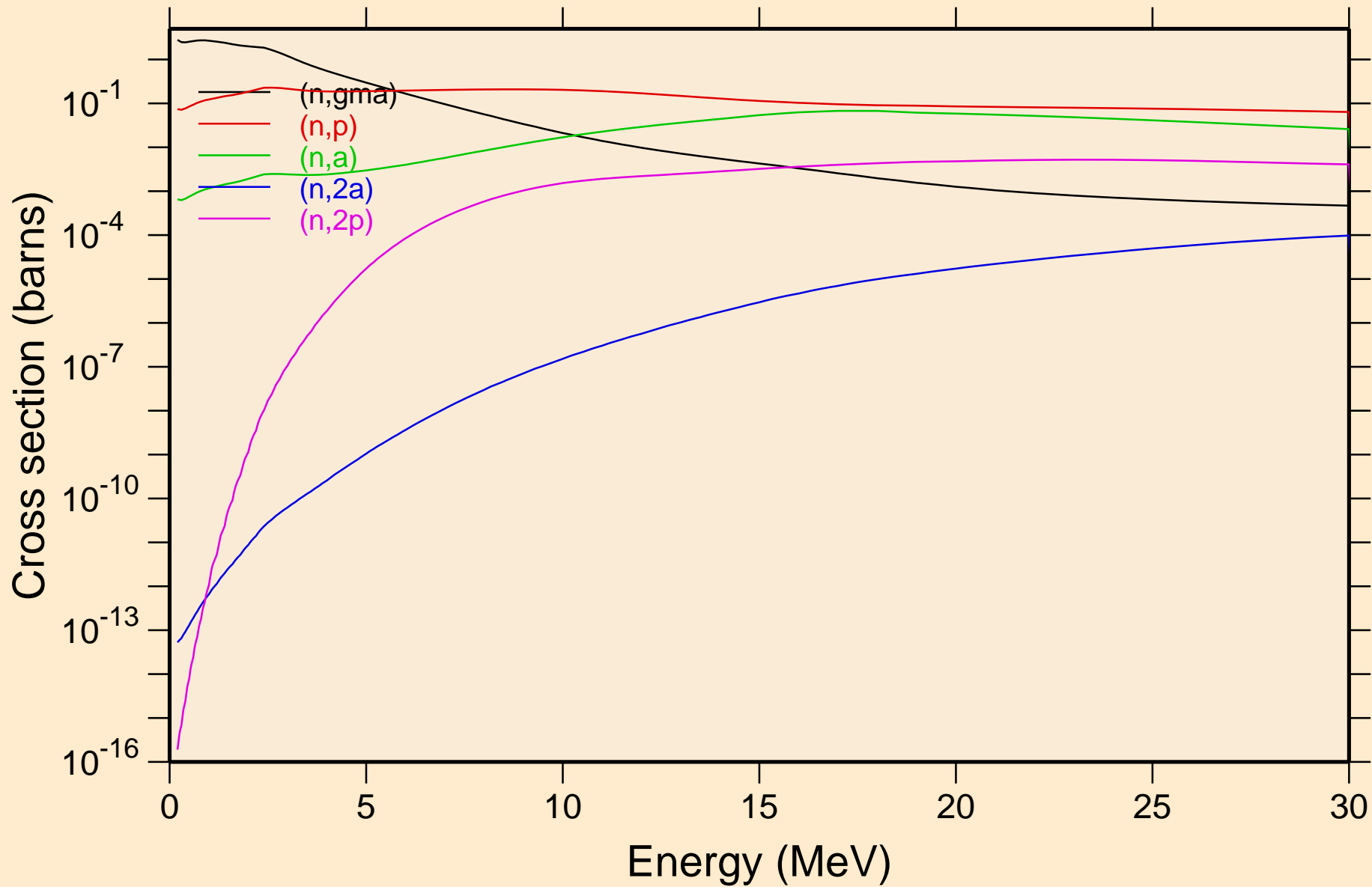
# GD145M NRG TENDL-2015, AKONING

## Principal cross sections

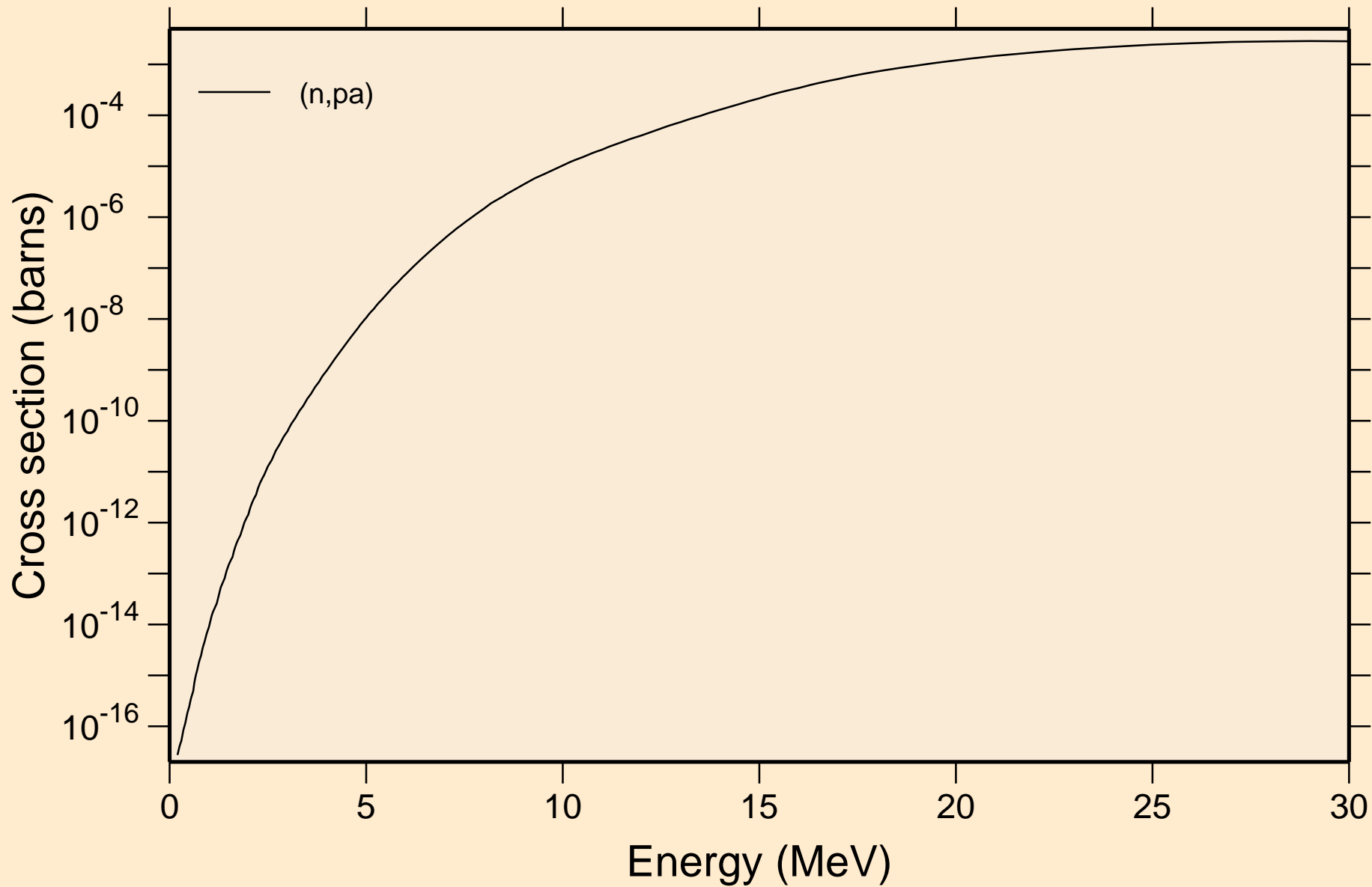


# GD145M NRG TENDL-2015, AKONING

## Non-threshold reactions

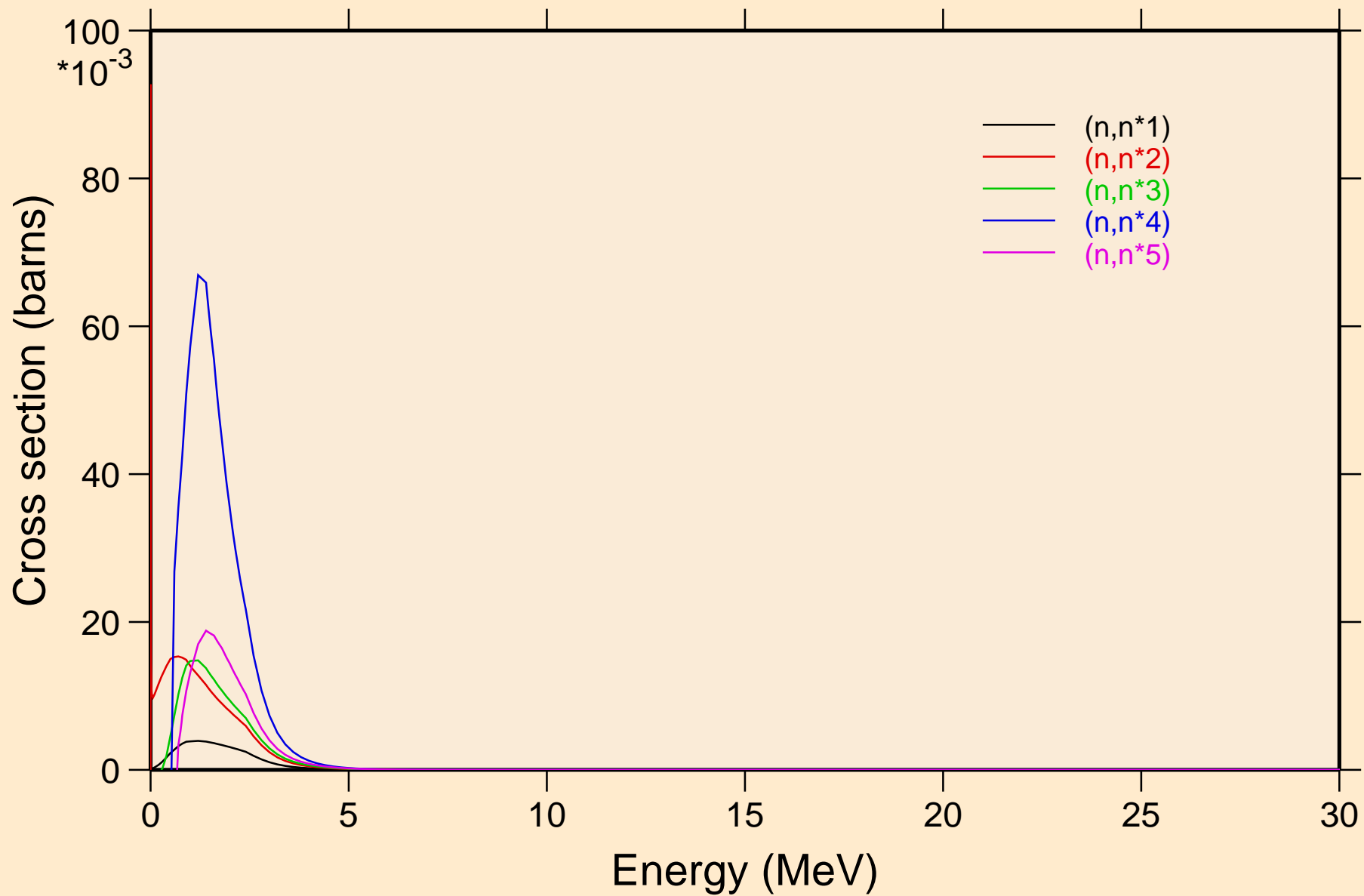


GD145M NRG TENDL-2015, AKONING  
Non-threshold reactions



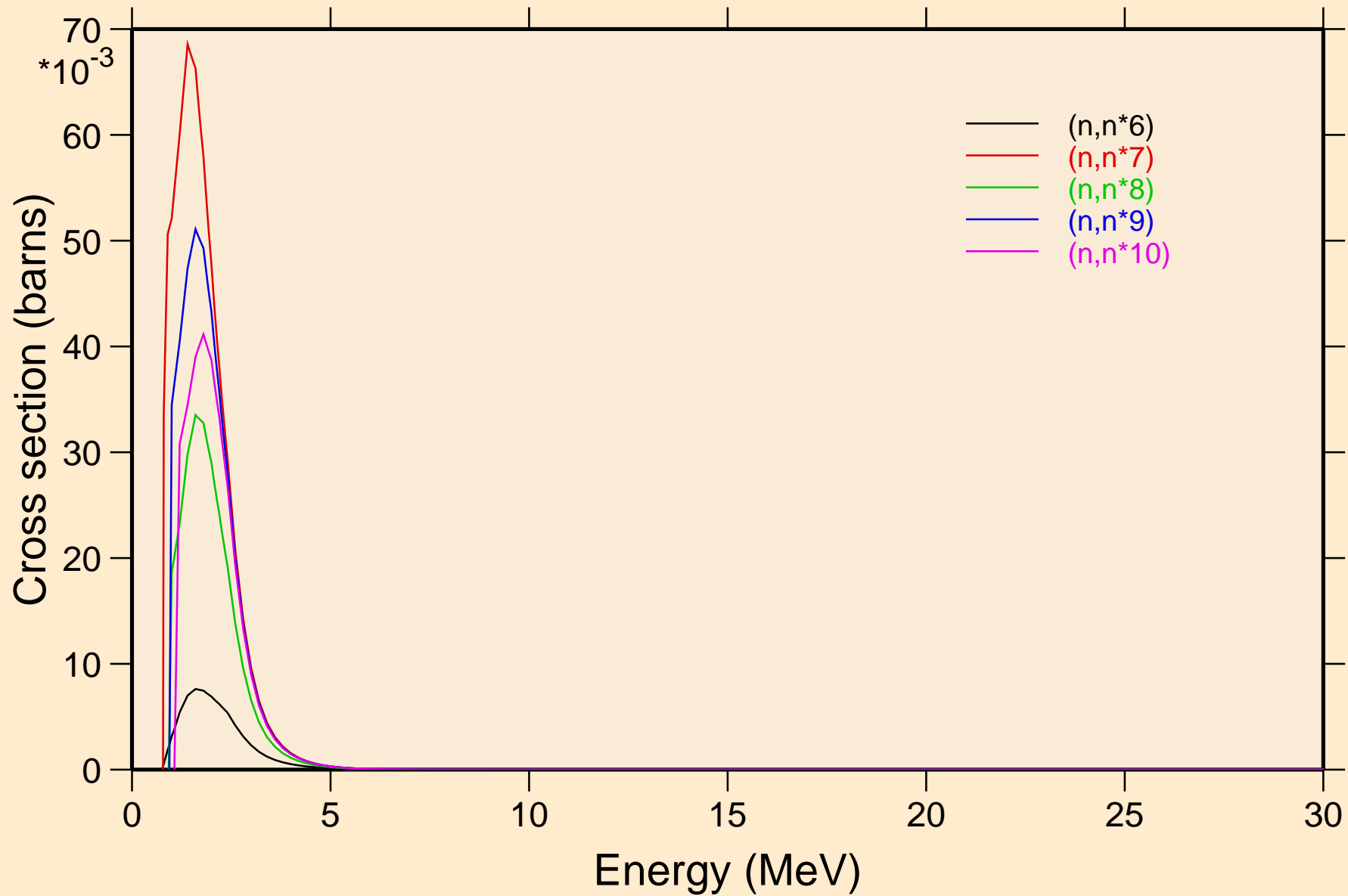
# GD145M NRG TENDL-2015, AKONING

## Inelastic levels



# GD145M NRG TENDL-2015, AKONING

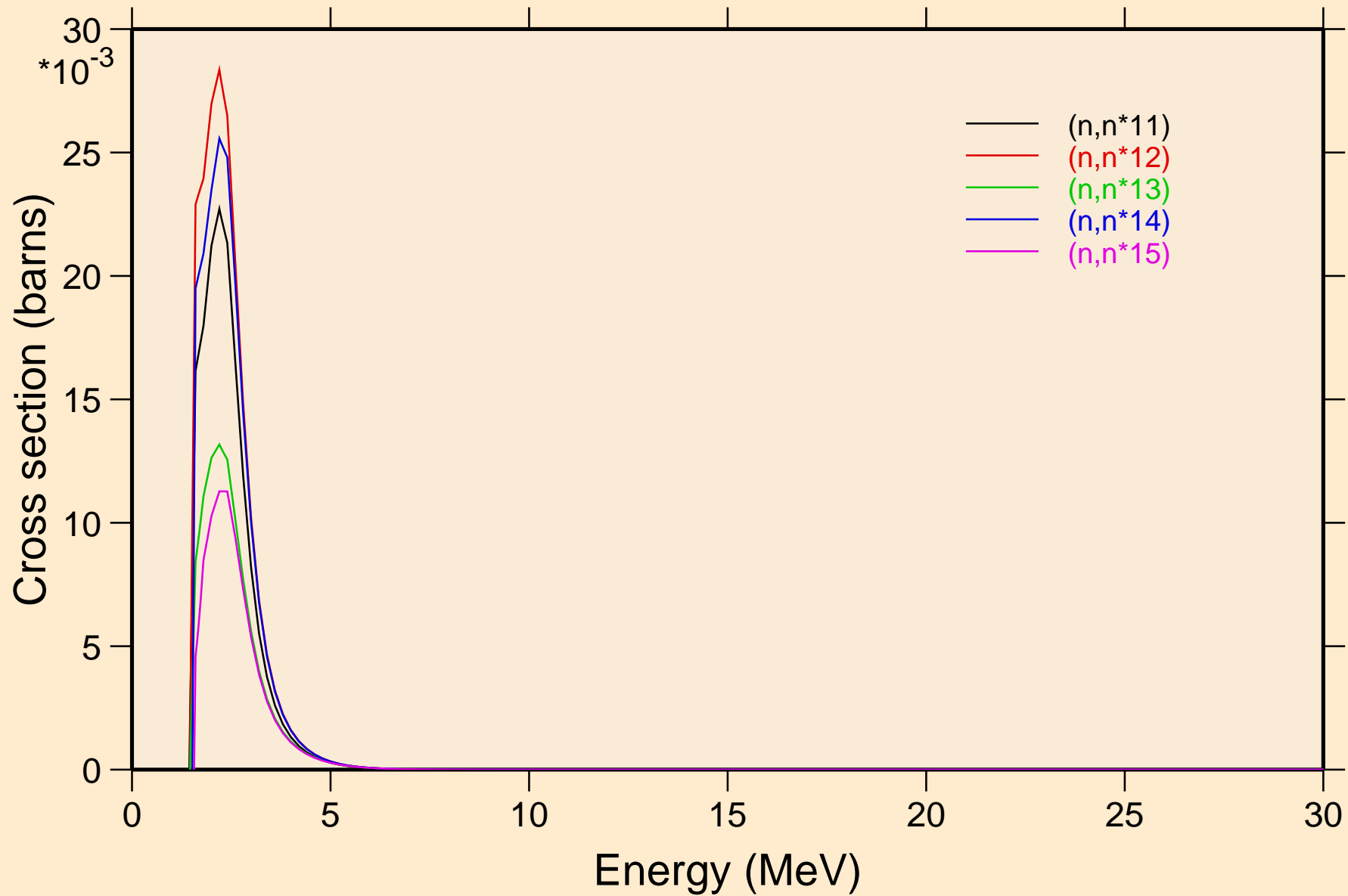
## Inelastic levels





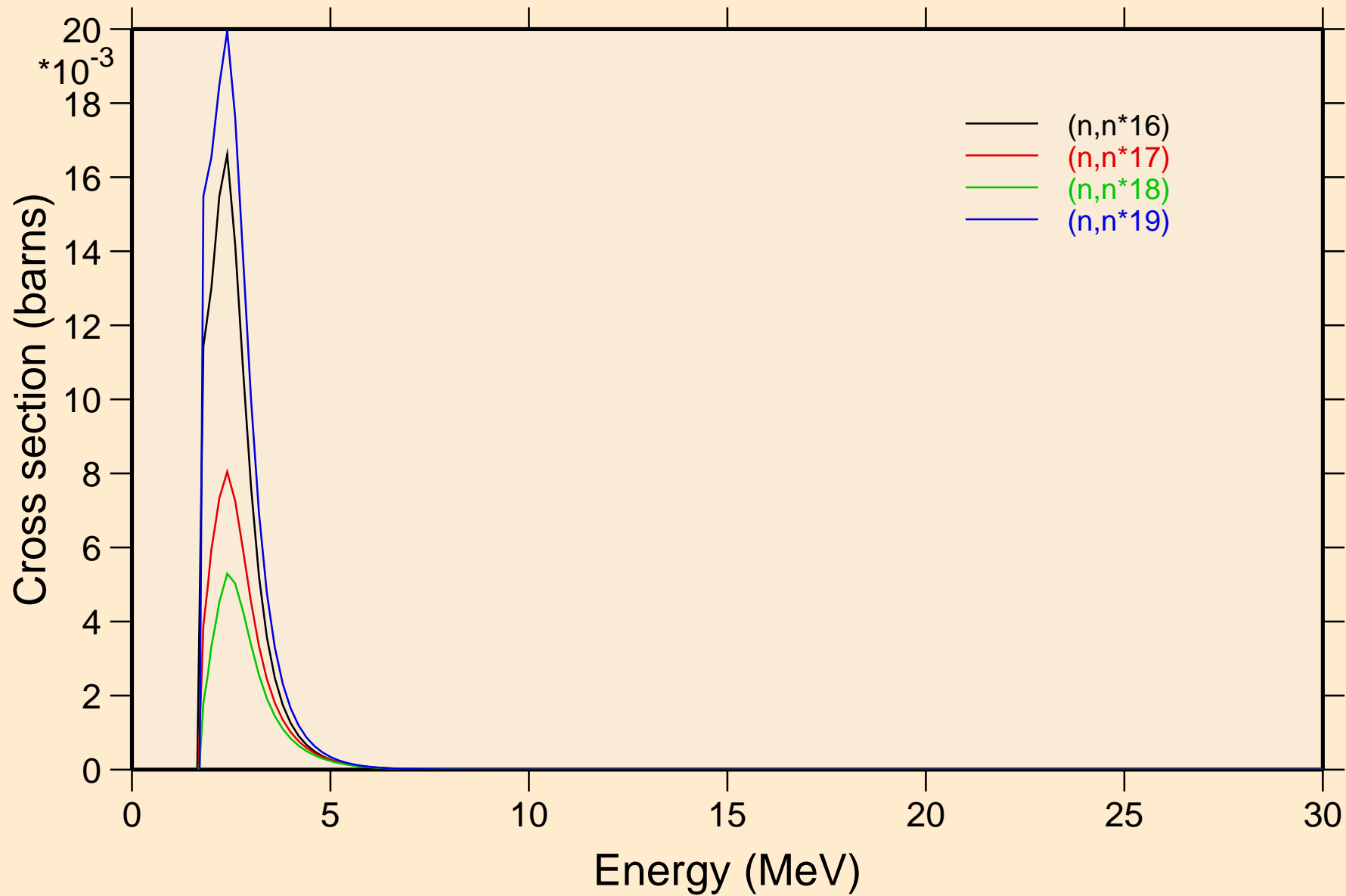
# GD145M NRG TENDL-2015, AKONING

## Inelastic levels



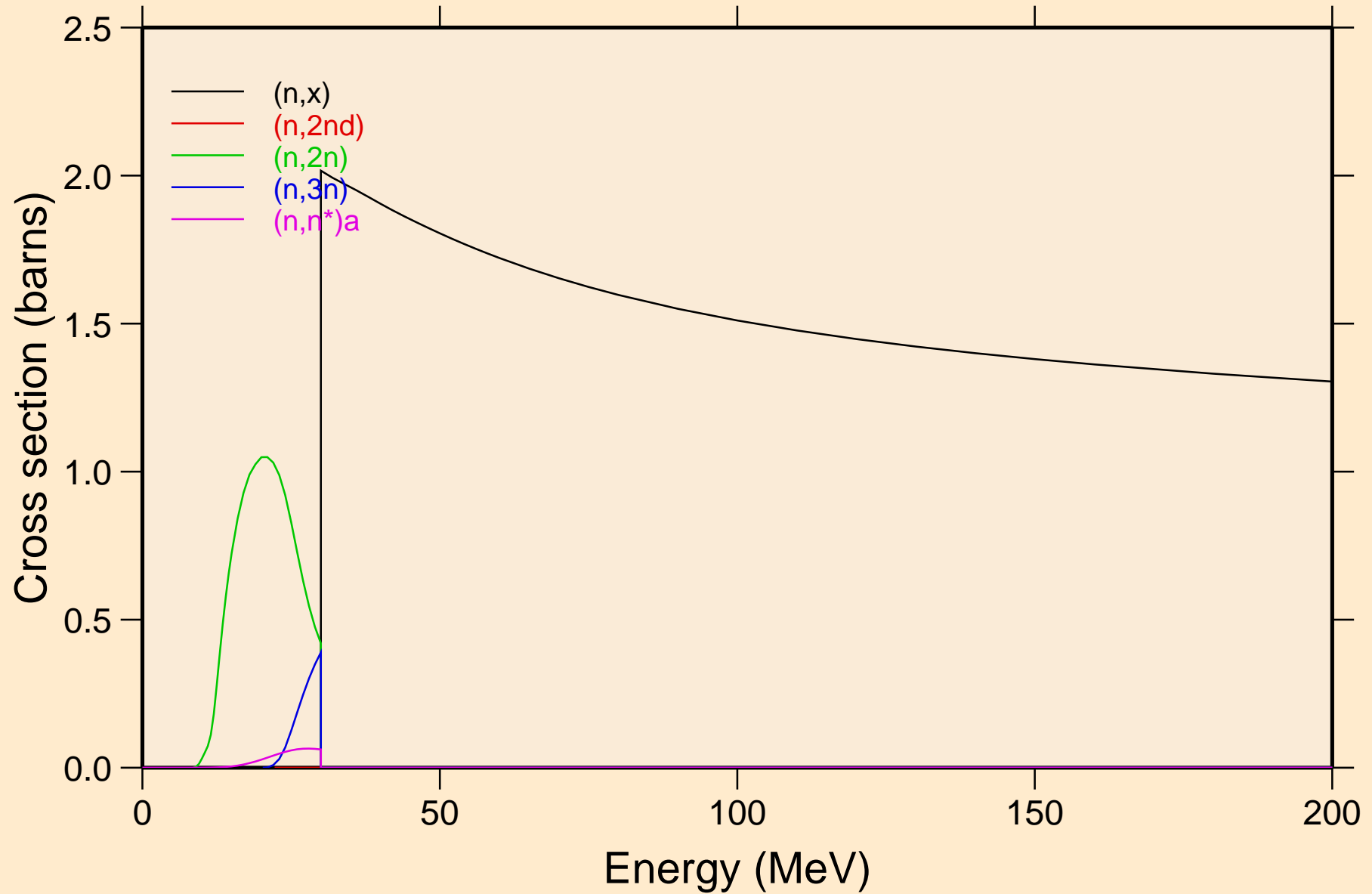
# GD145M NRG TENDL-2015, AKONING

## Inelastic levels



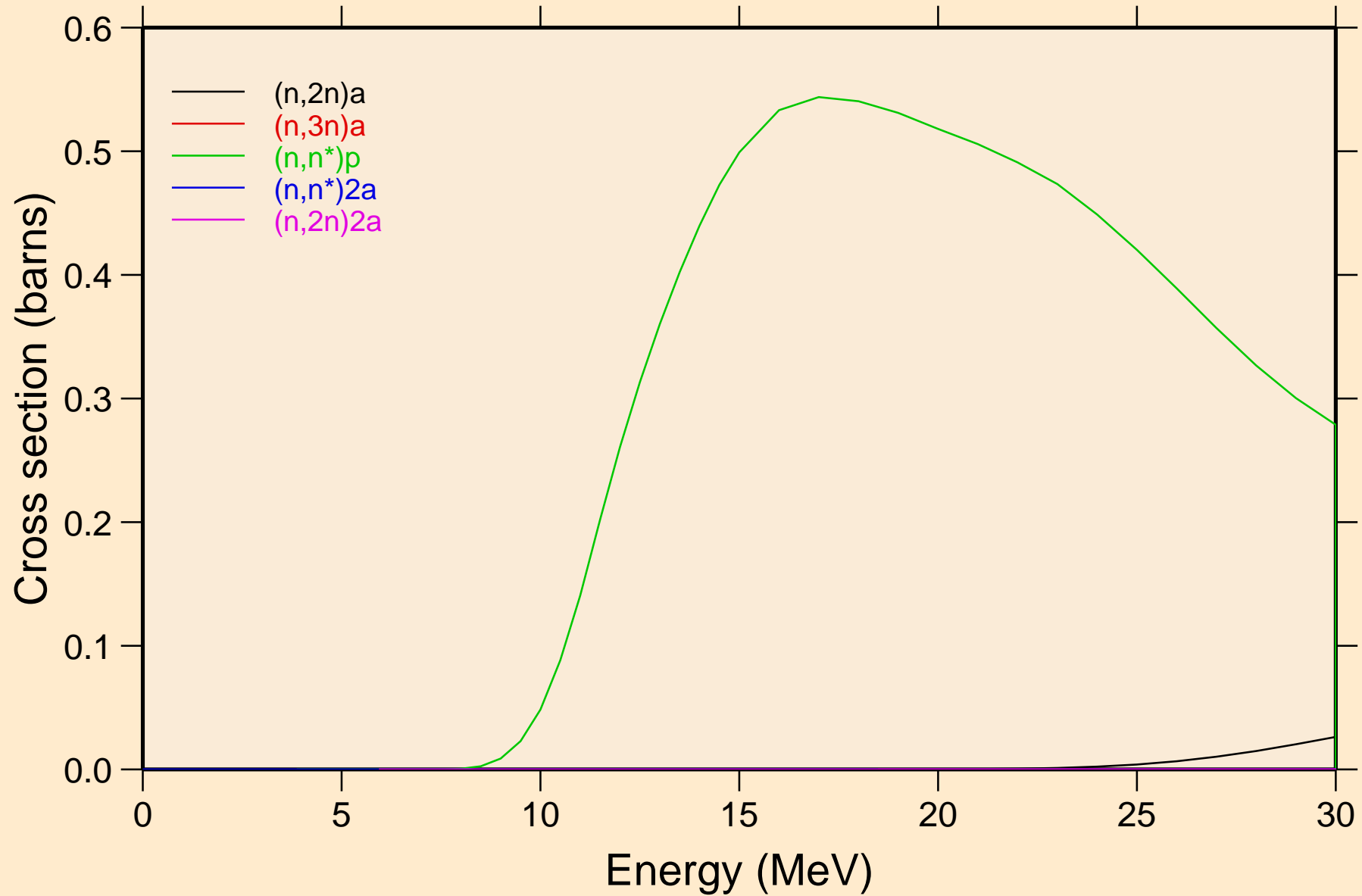
# GD145M NRG TENDL-2015, AKONING

## Threshold reactions



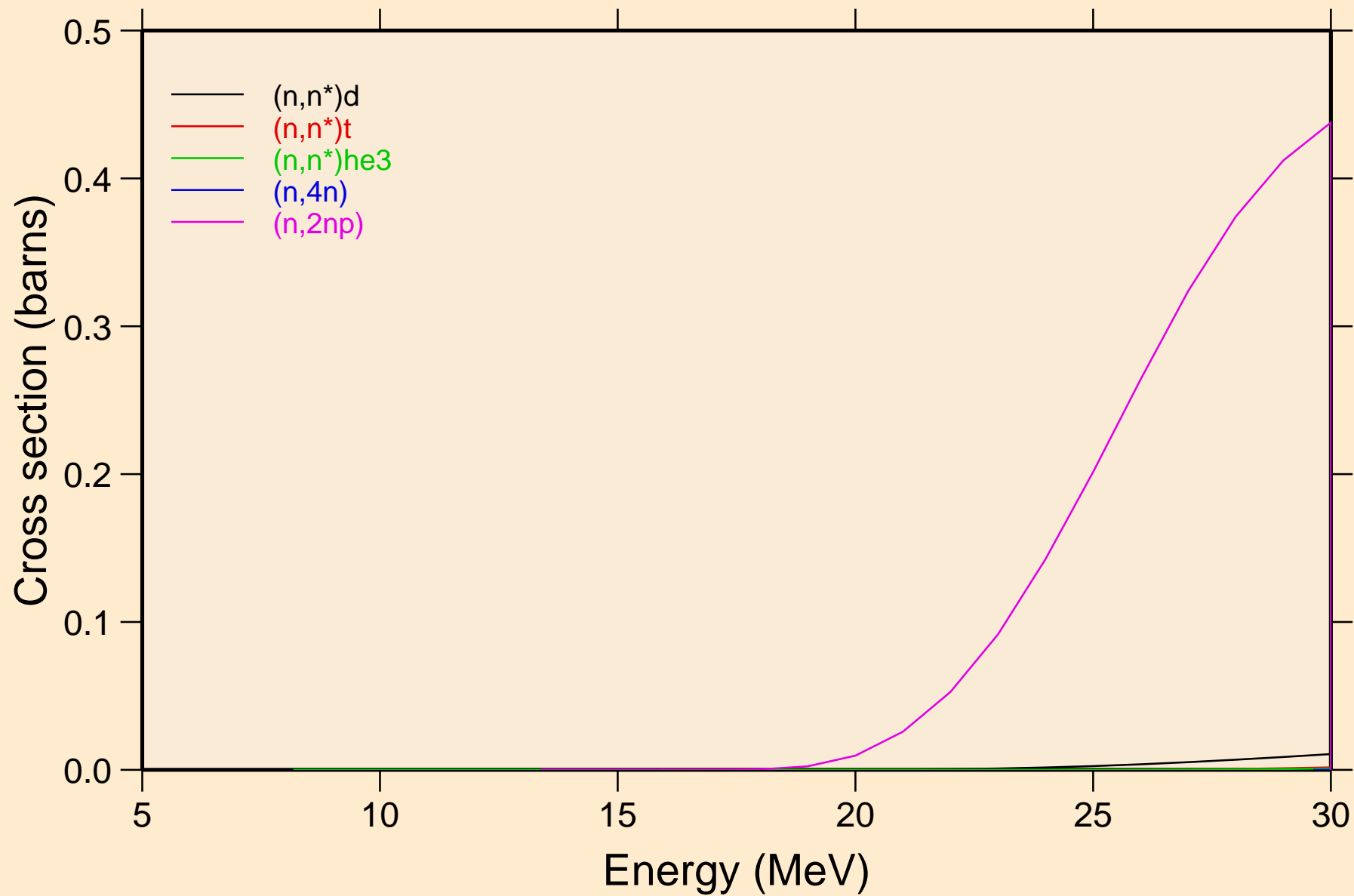
# GD145M NRG TENDL-2015, AKONING

## Threshold reactions



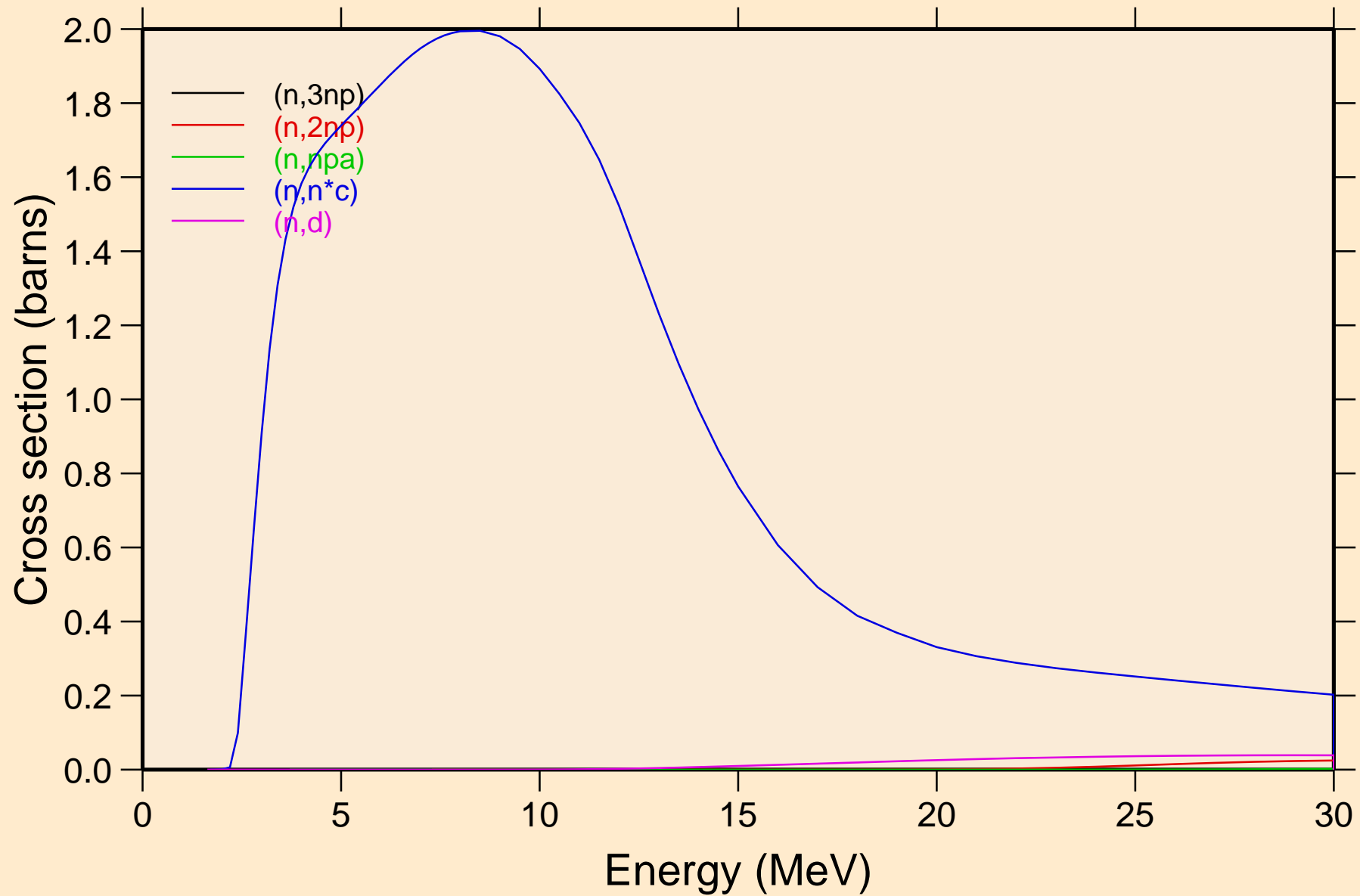
# GD145M NRG TENDL-2015, AKONING

## Threshold reactions



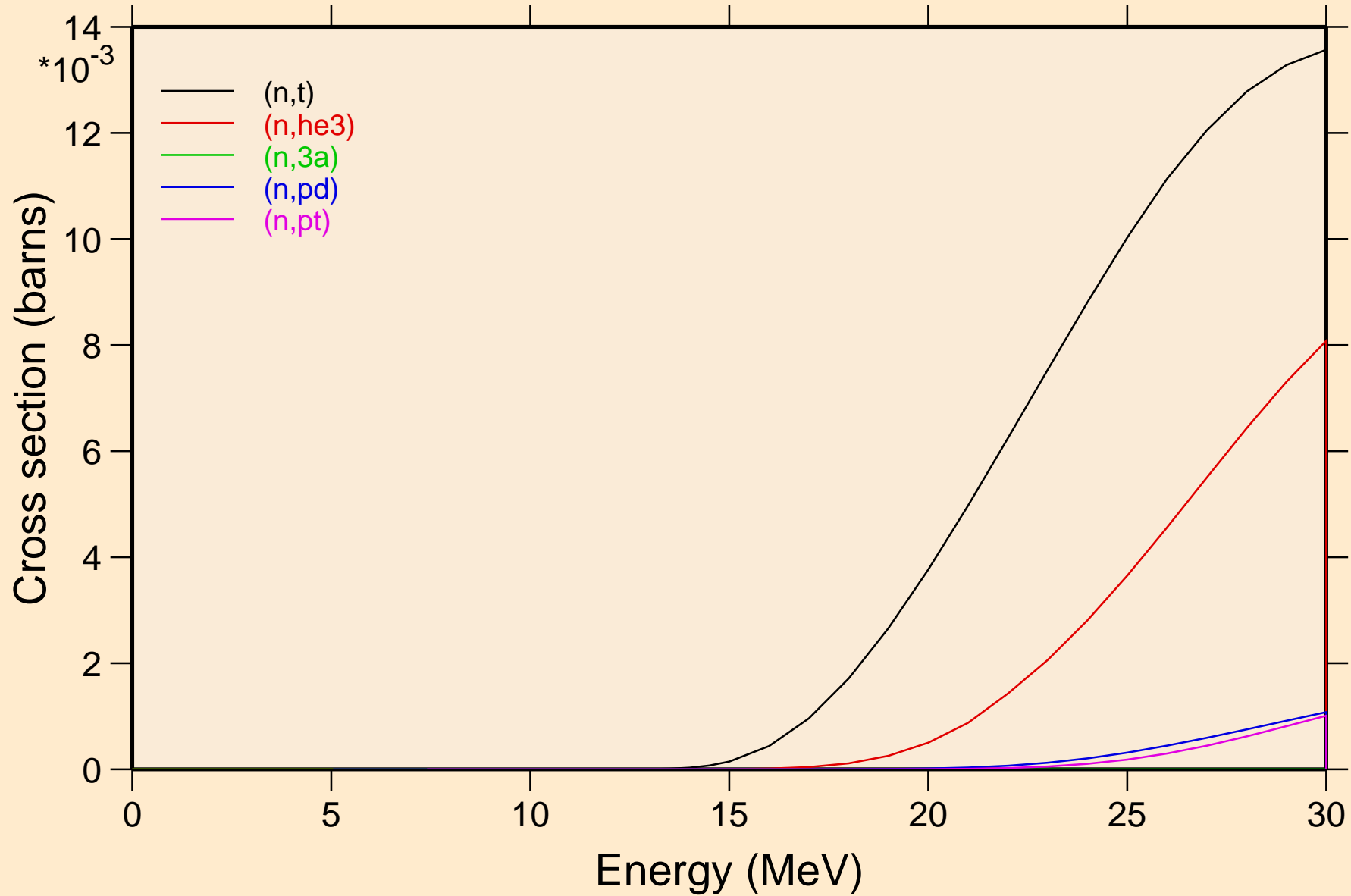
# GD145M NRG TENDL-2015, AKONING

## Threshold reactions



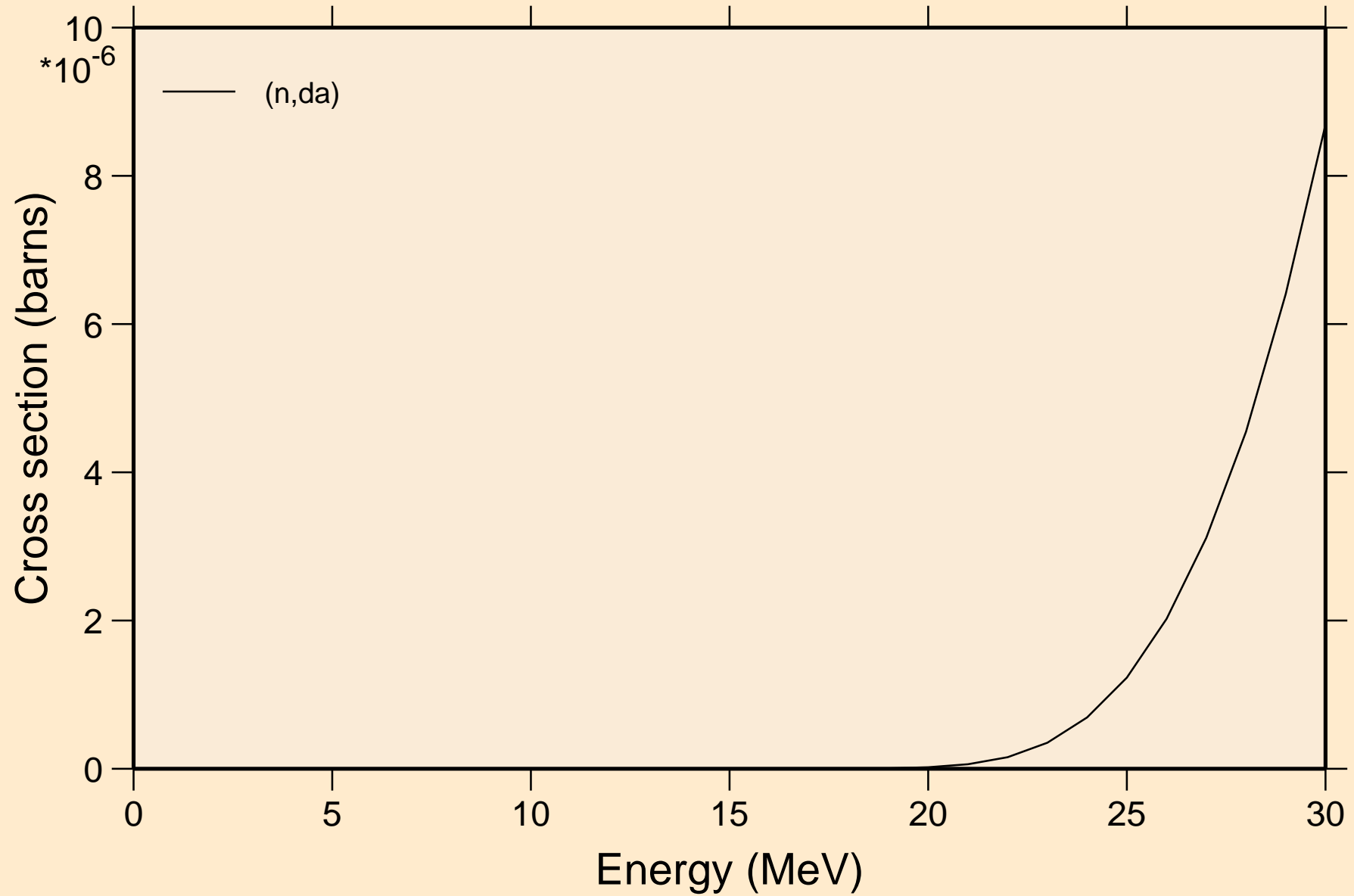
# GD145M NRG TENDL-2015, AKONING

## Threshold reactions



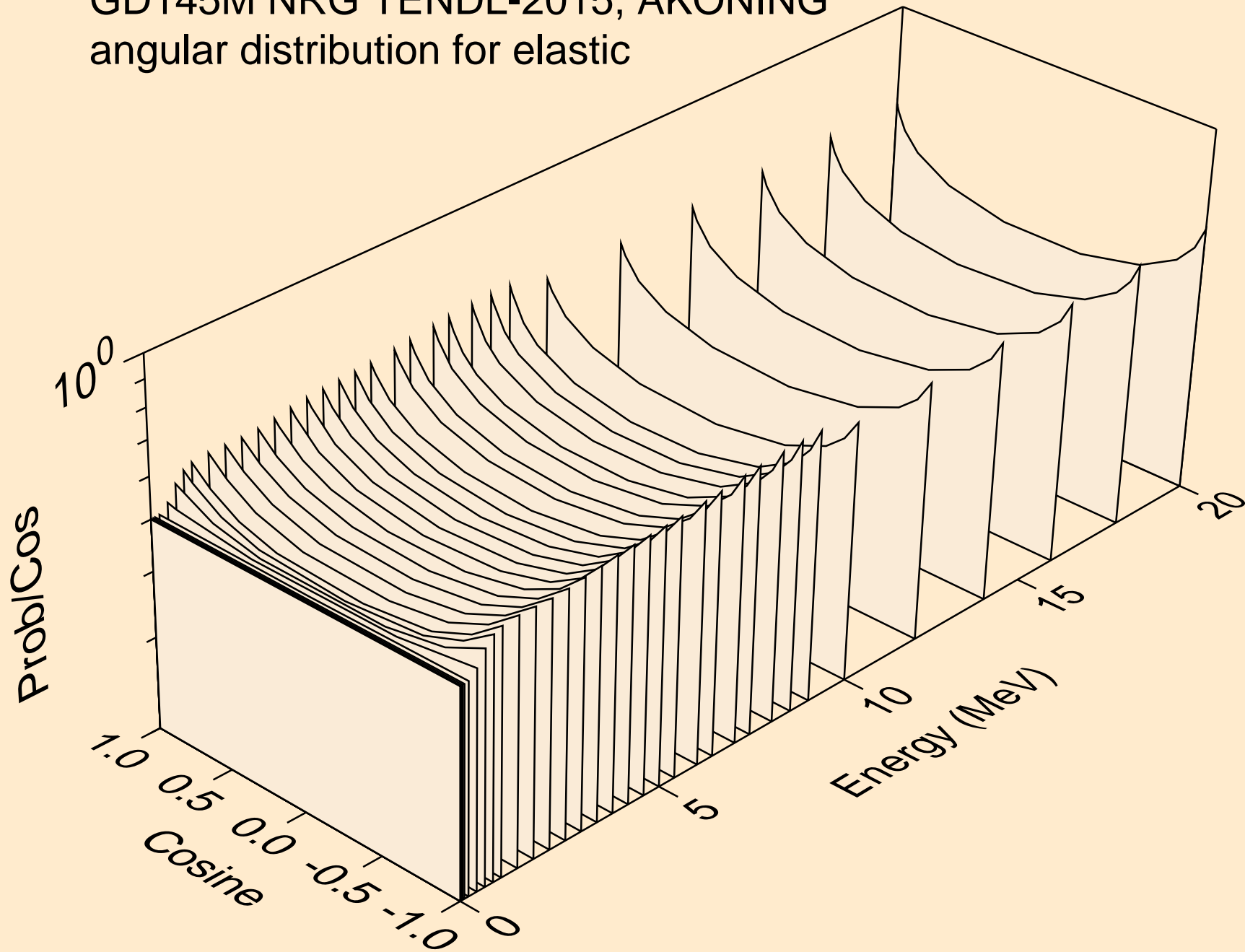
# GD145M NRG TENDL-2015, AKONING

## Threshold reactions

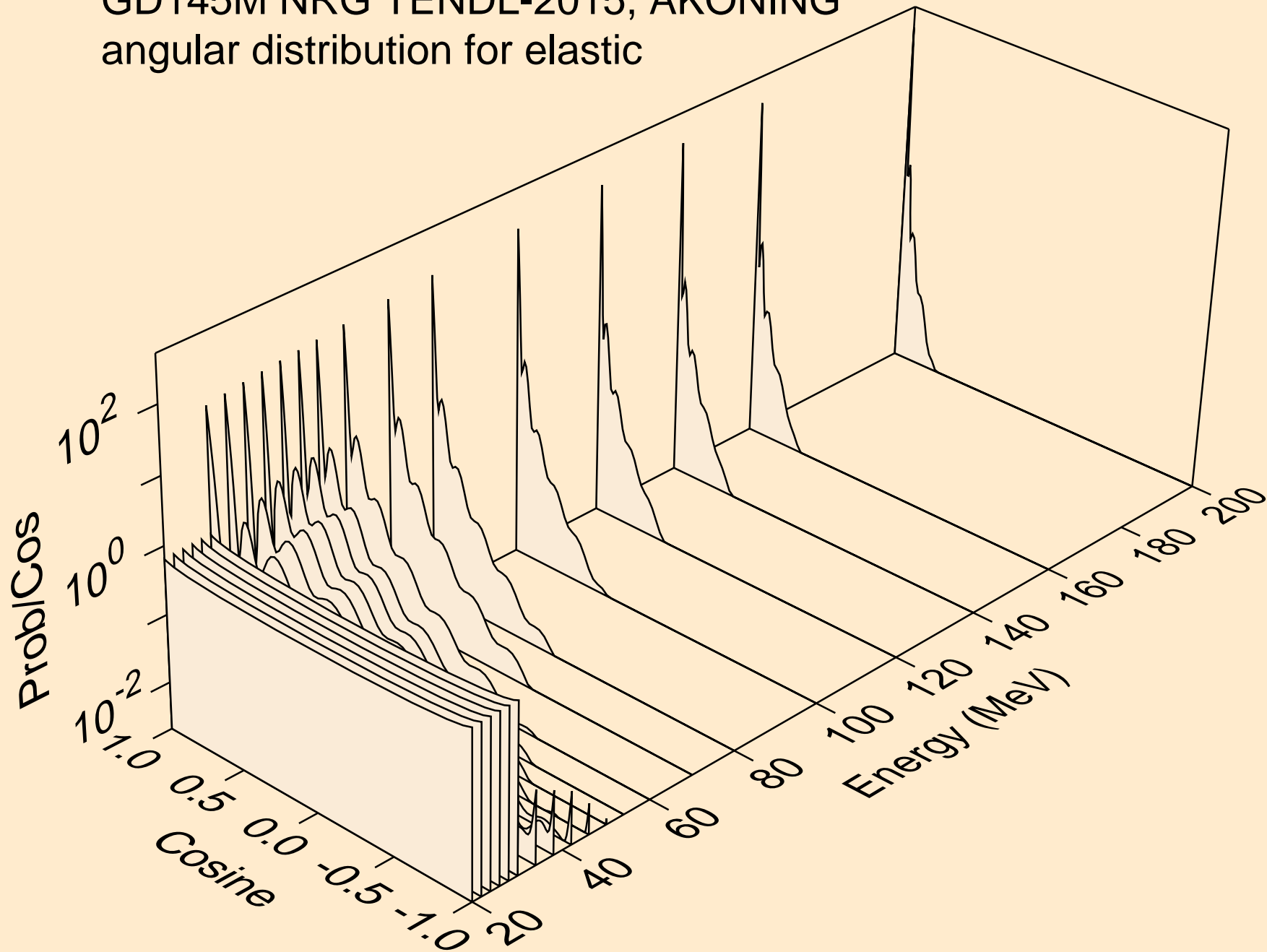




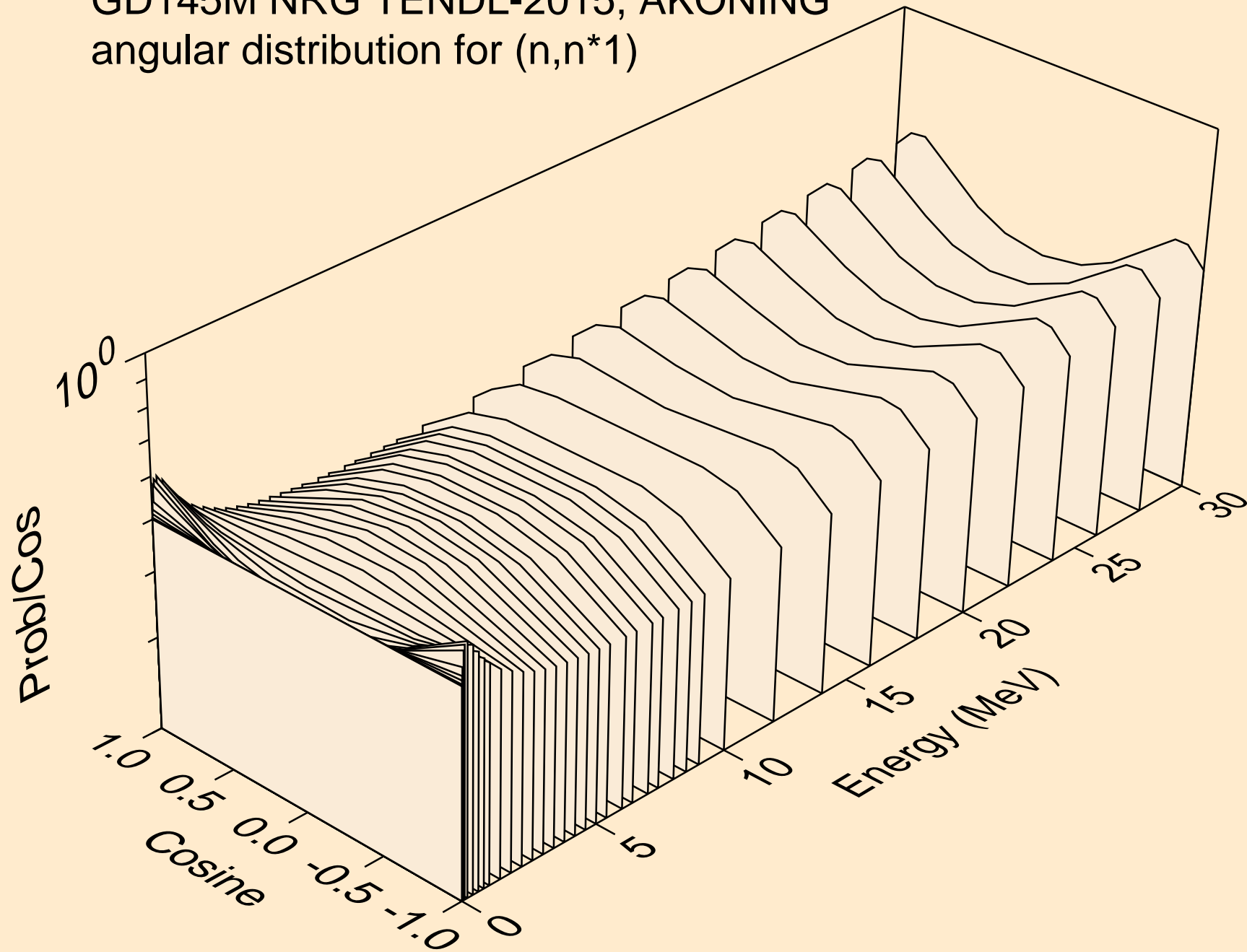
GD145M NRG TENDL-2015, AKONING  
angular distribution for elastic



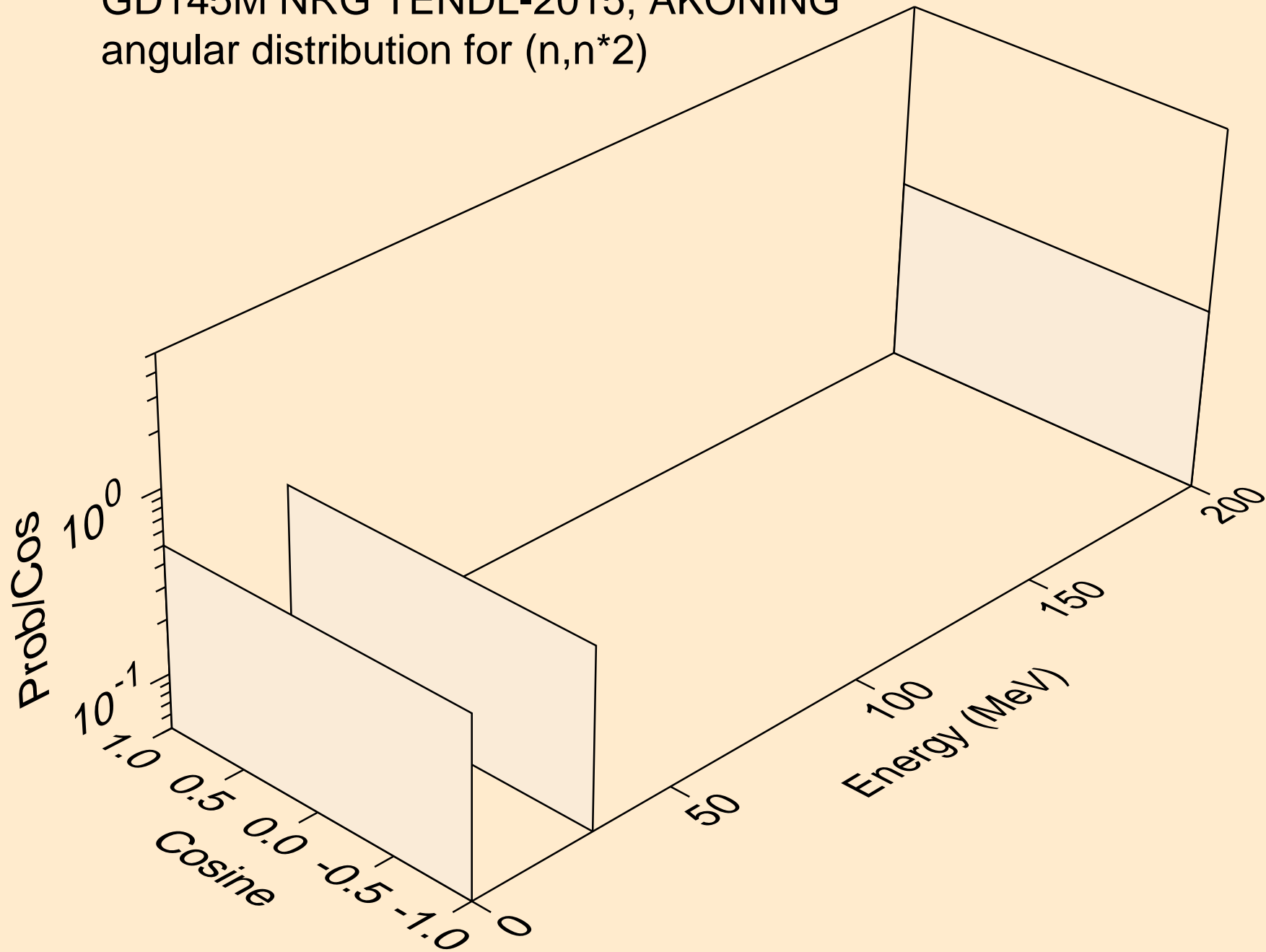
GD145M NRG TENDL-2015, AKONING  
angular distribution for elastic



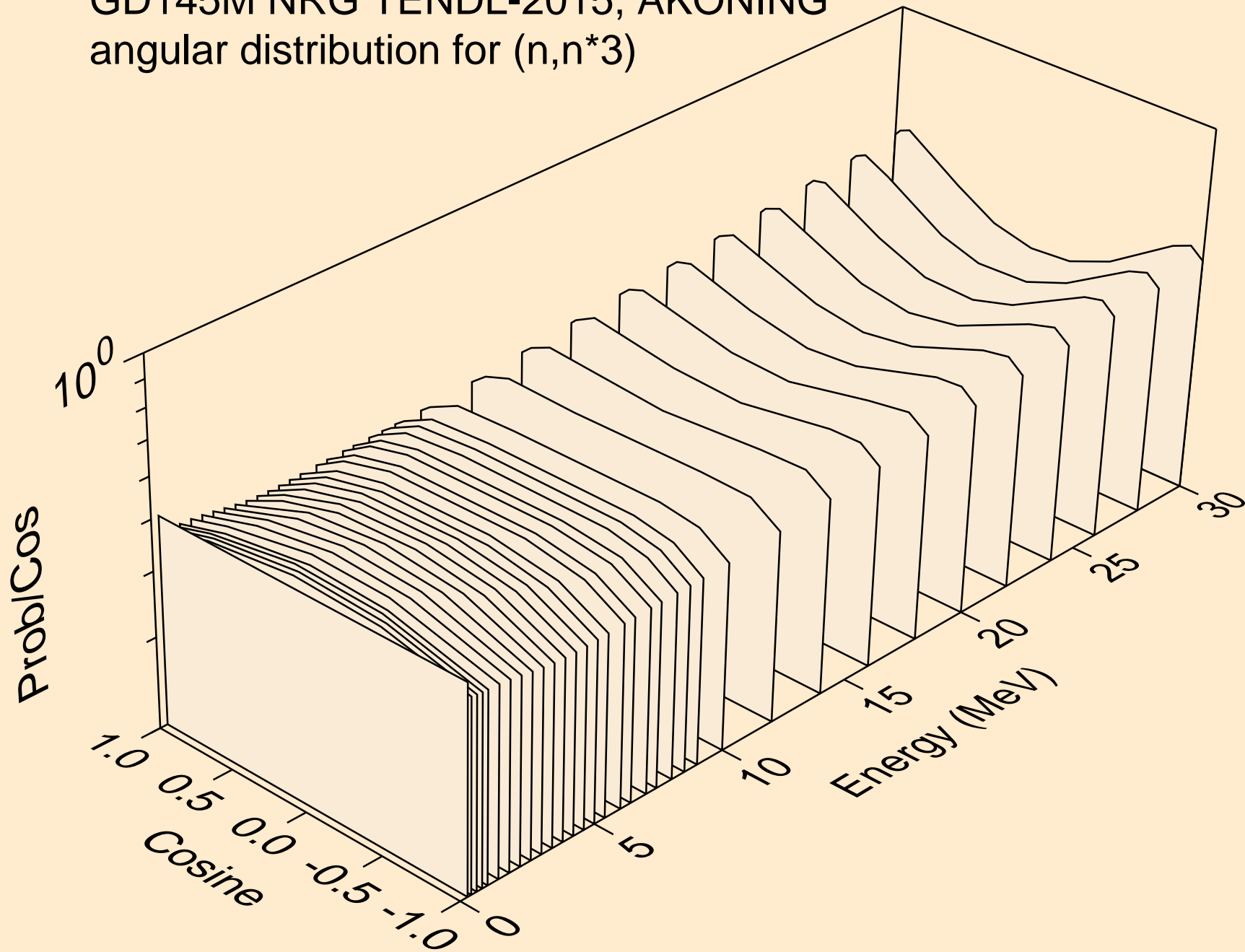
GD145M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



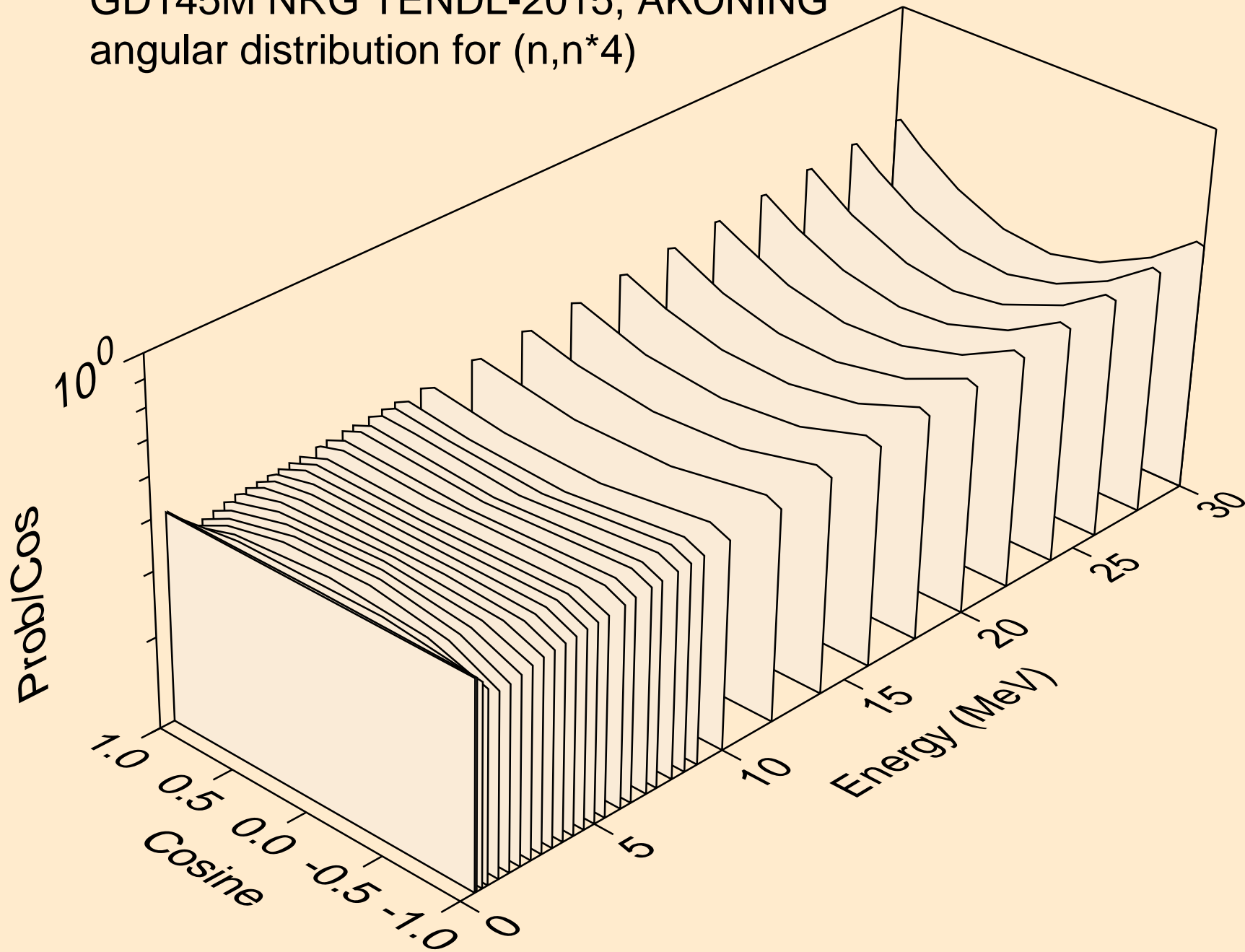
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angular distribution for (n,n\*2)



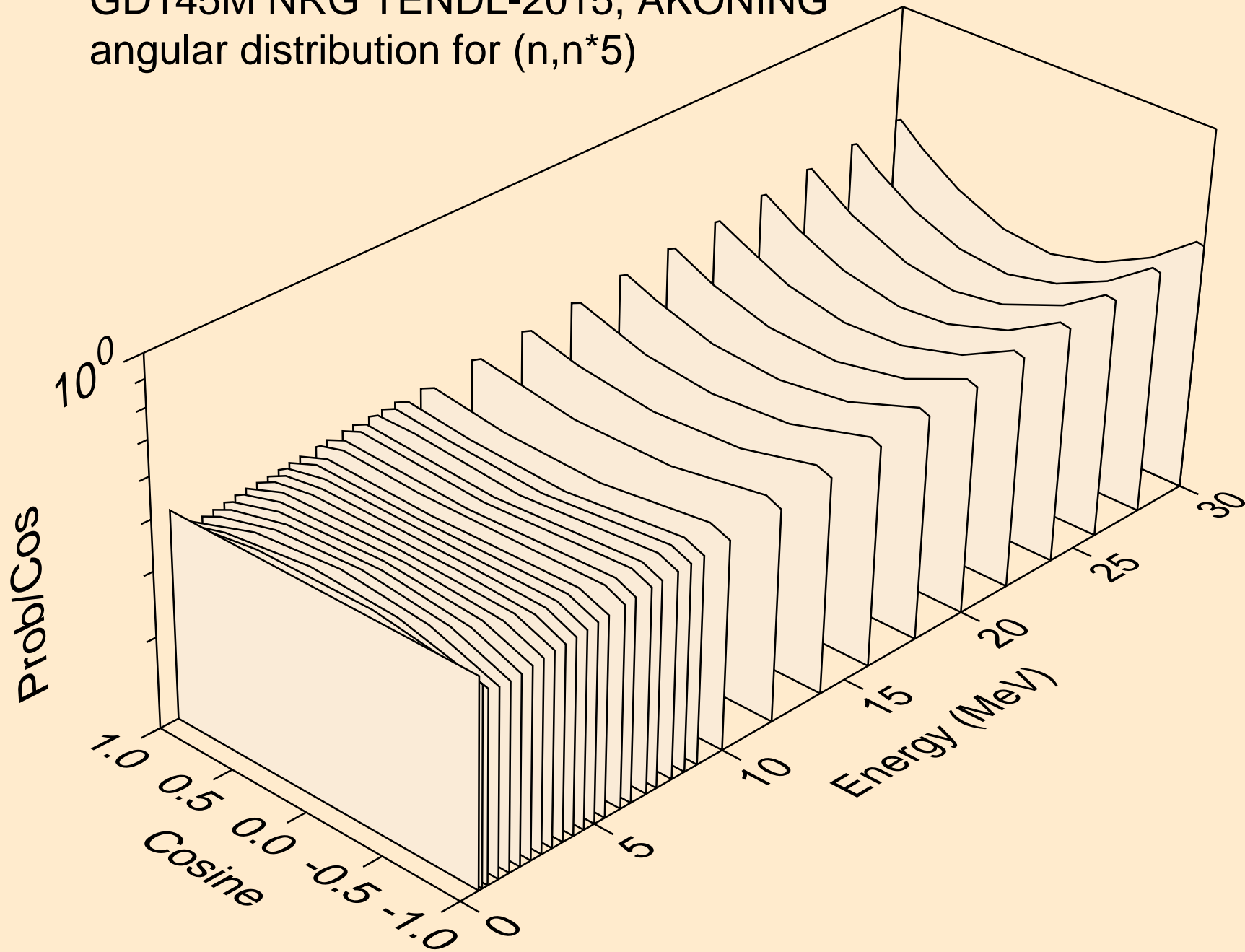
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angular distribution for (n,n\*3)



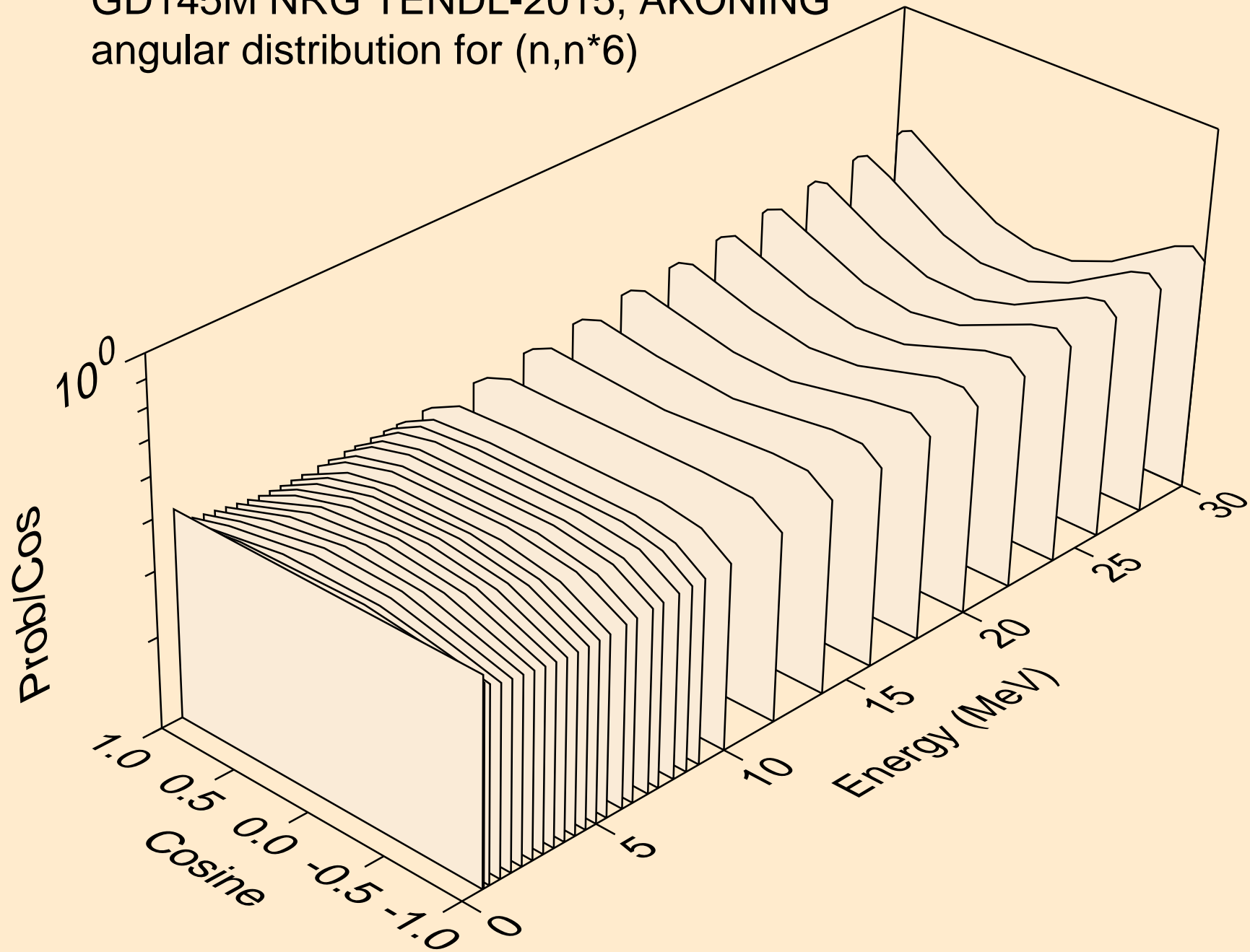
GD145M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



GD145M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

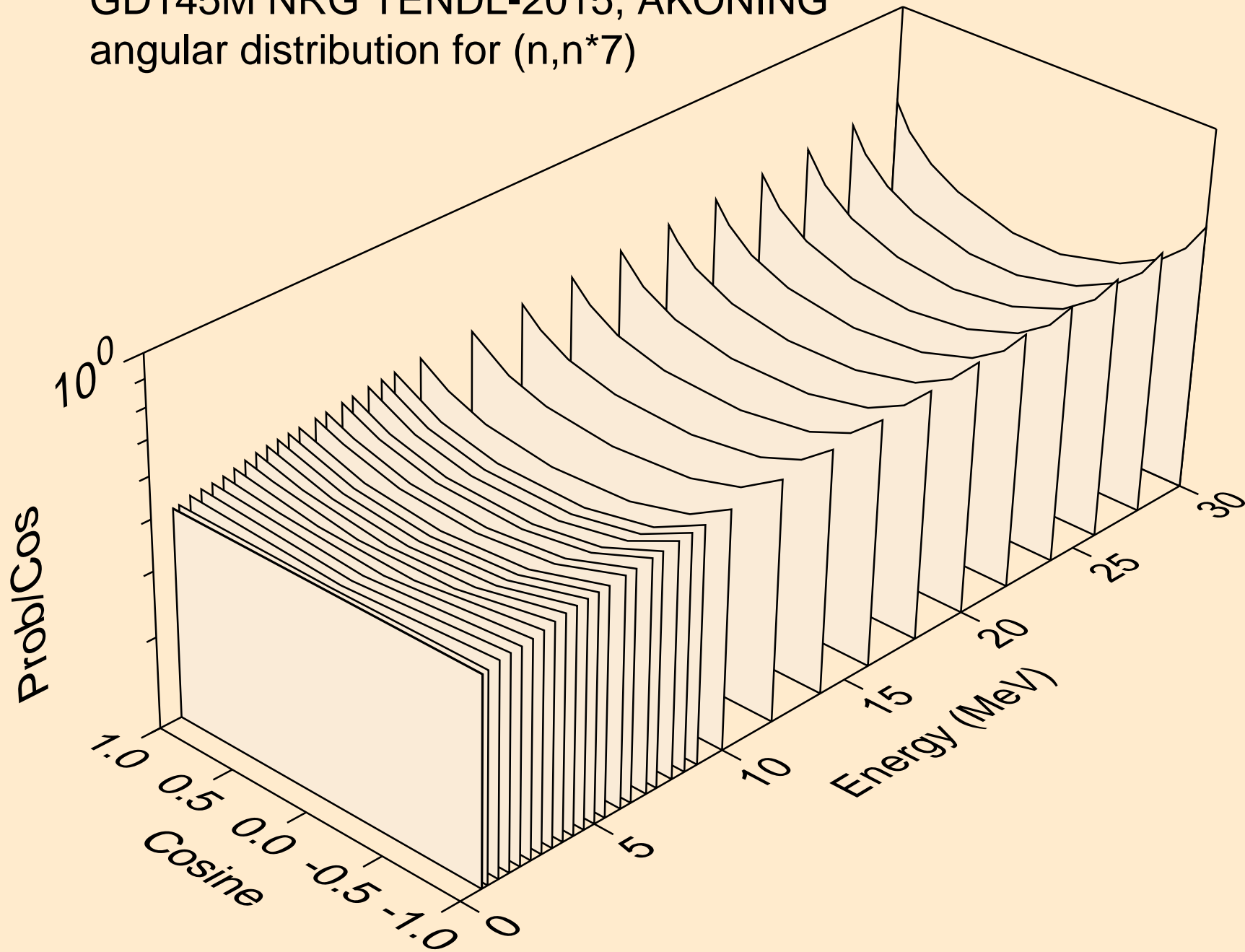


GD145M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

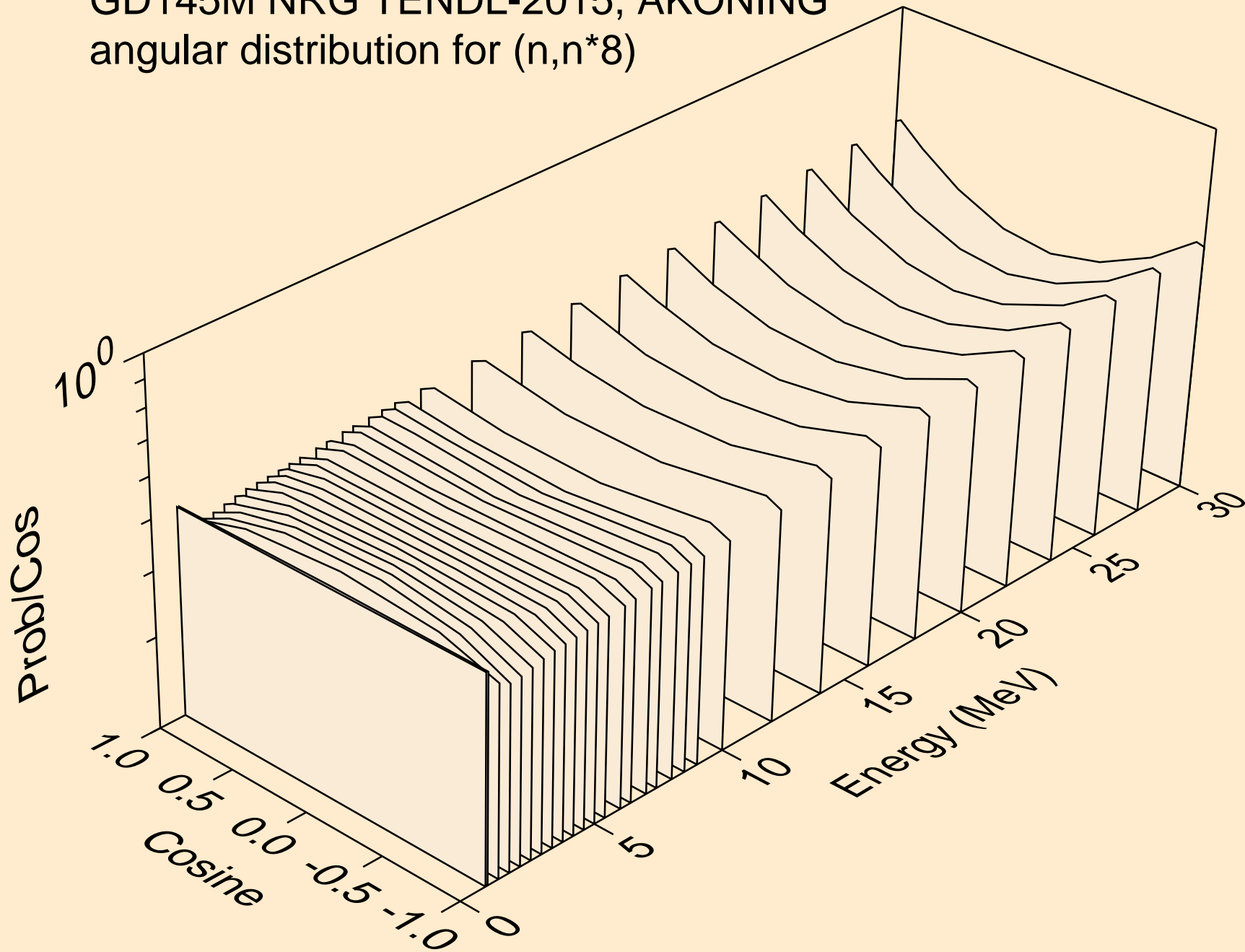




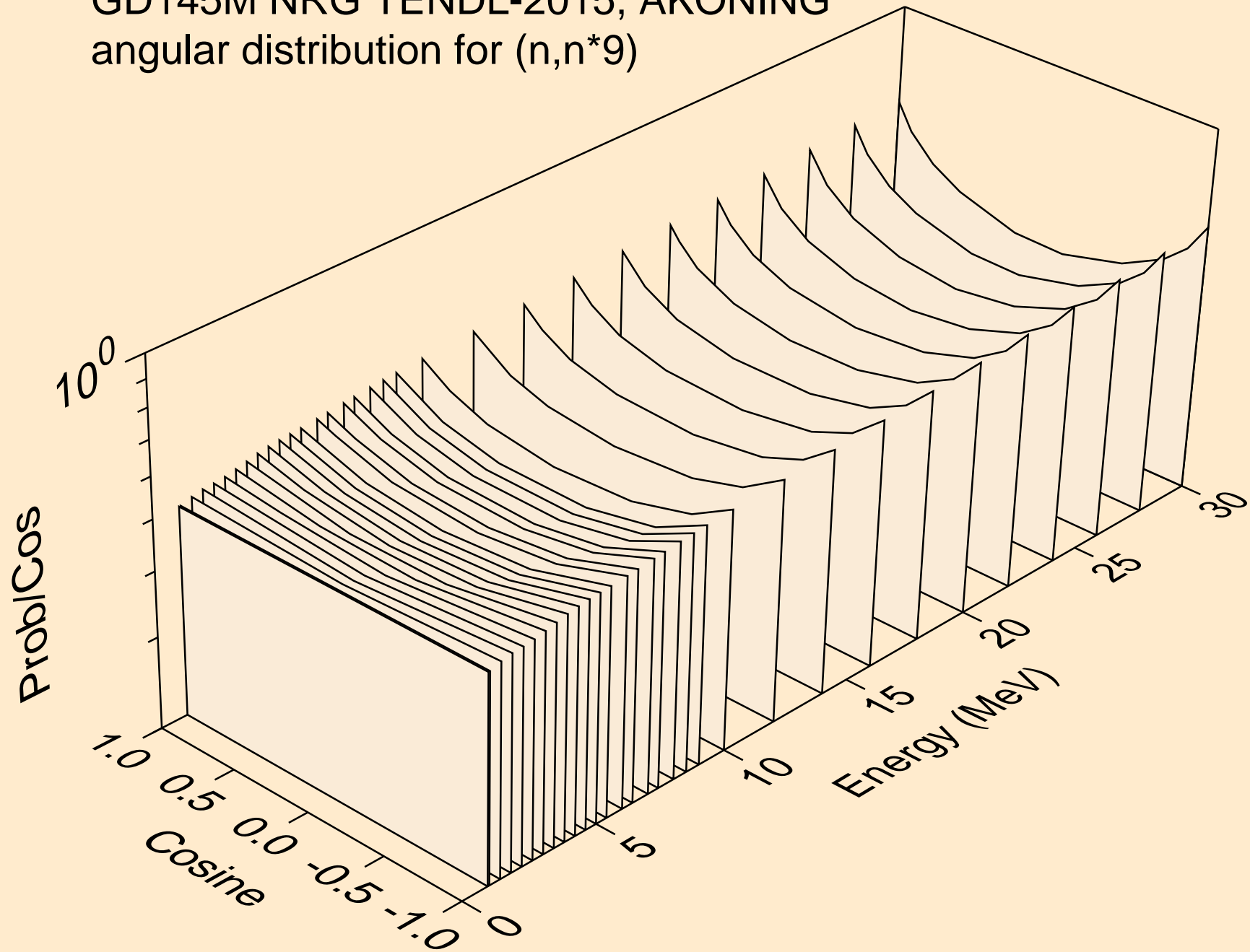
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angular distribution for (n,n\*7)



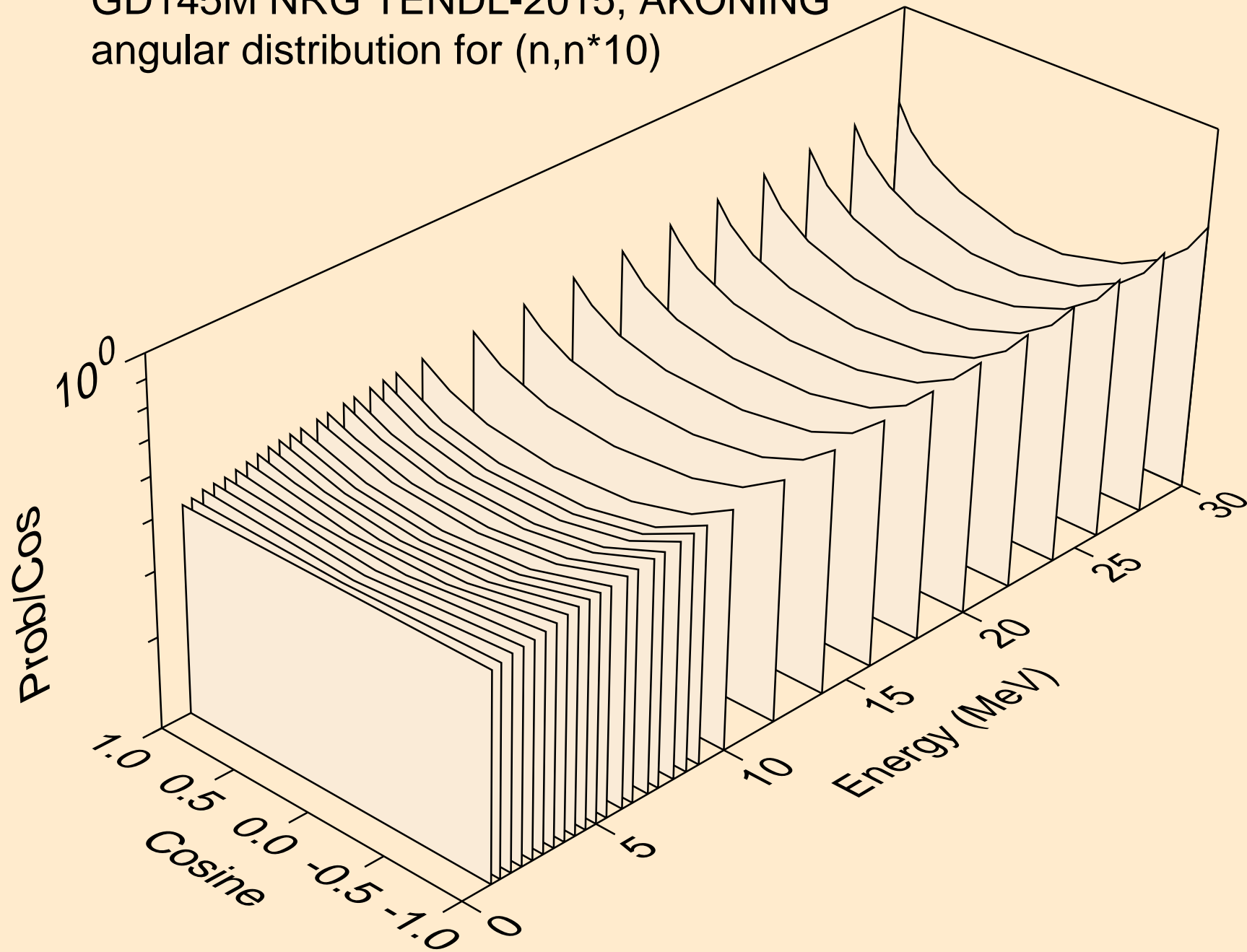
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angular distribution for (n,n\*8)



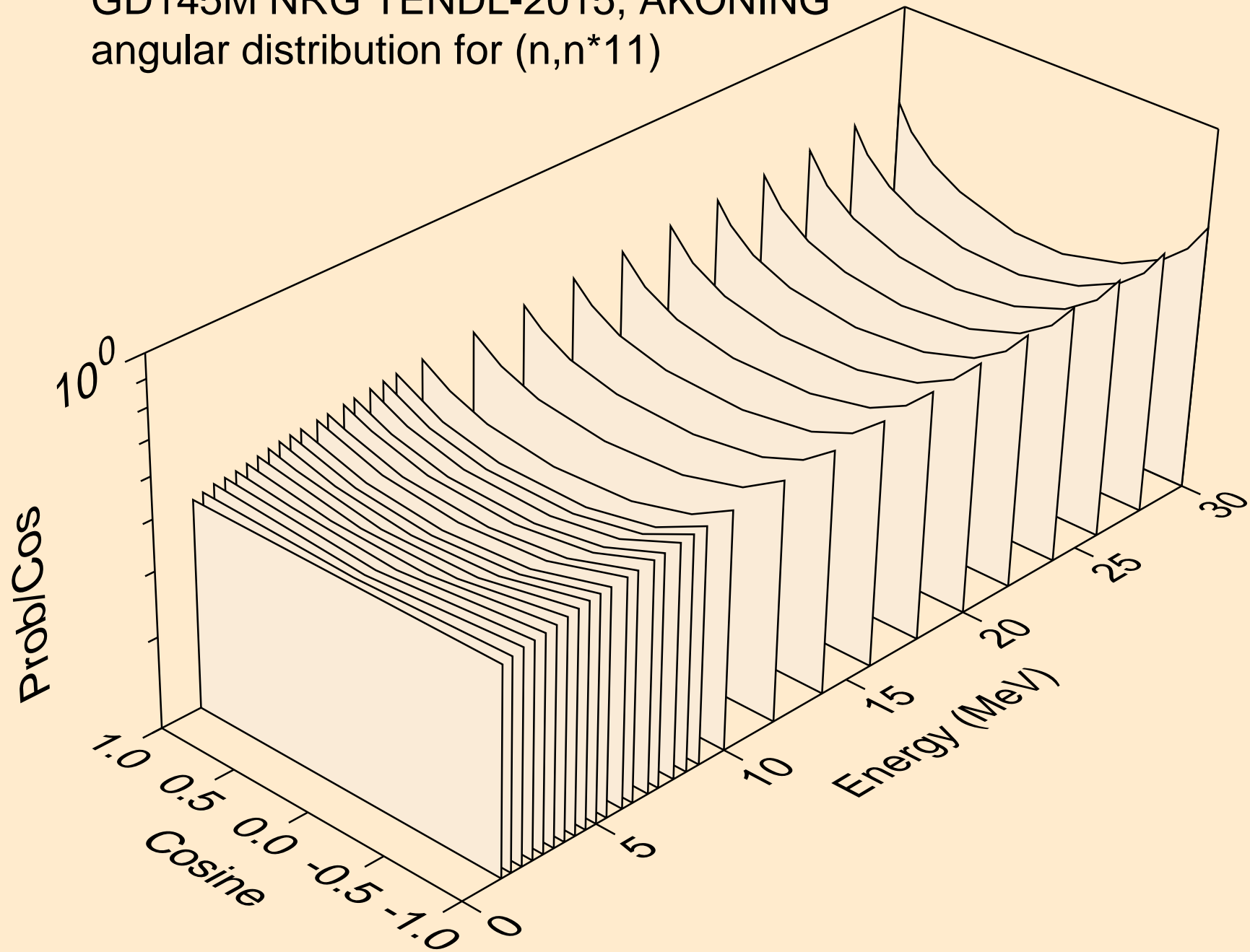
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angular distribution for (n,n\*9)



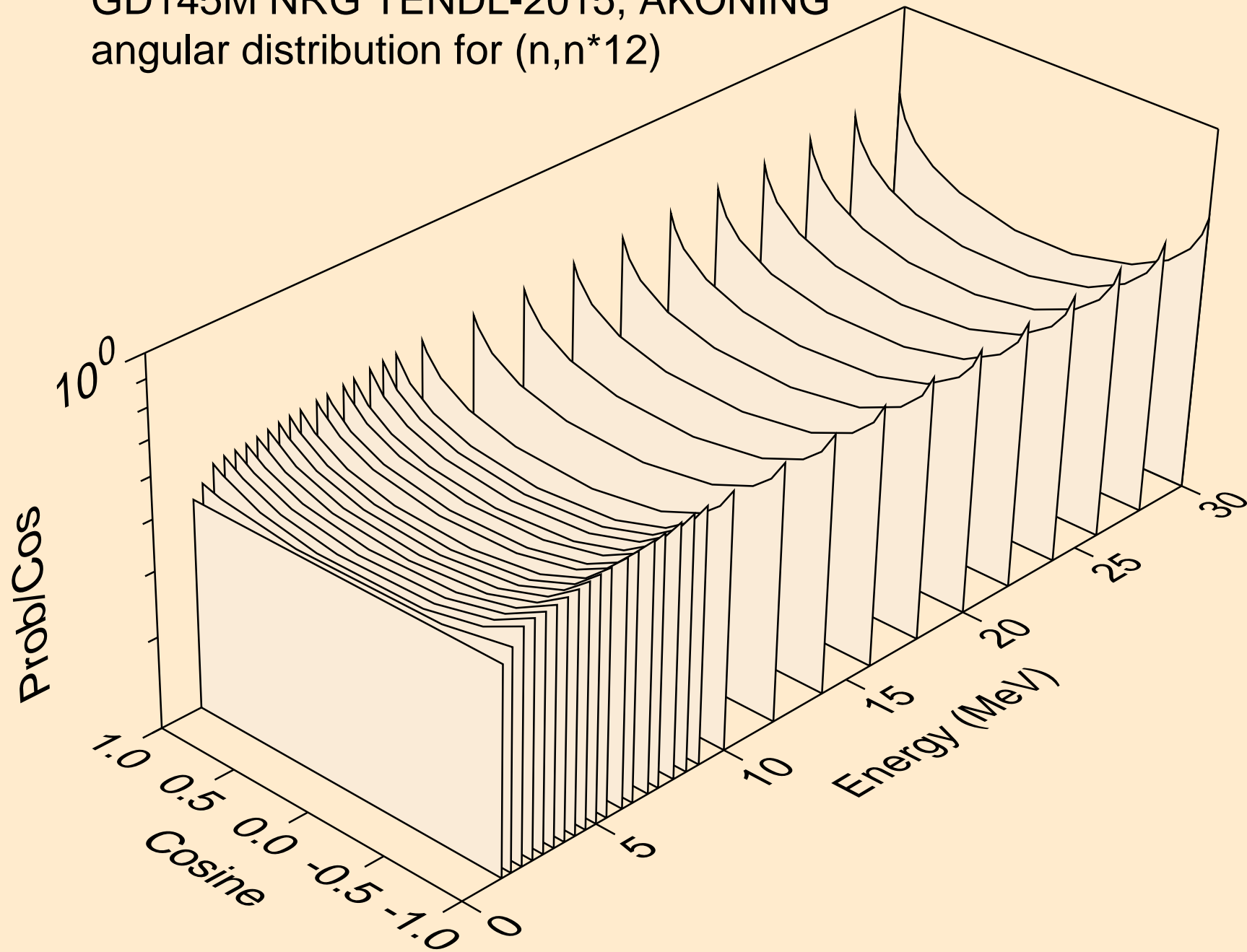
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angular distribution for (n,n\*10)



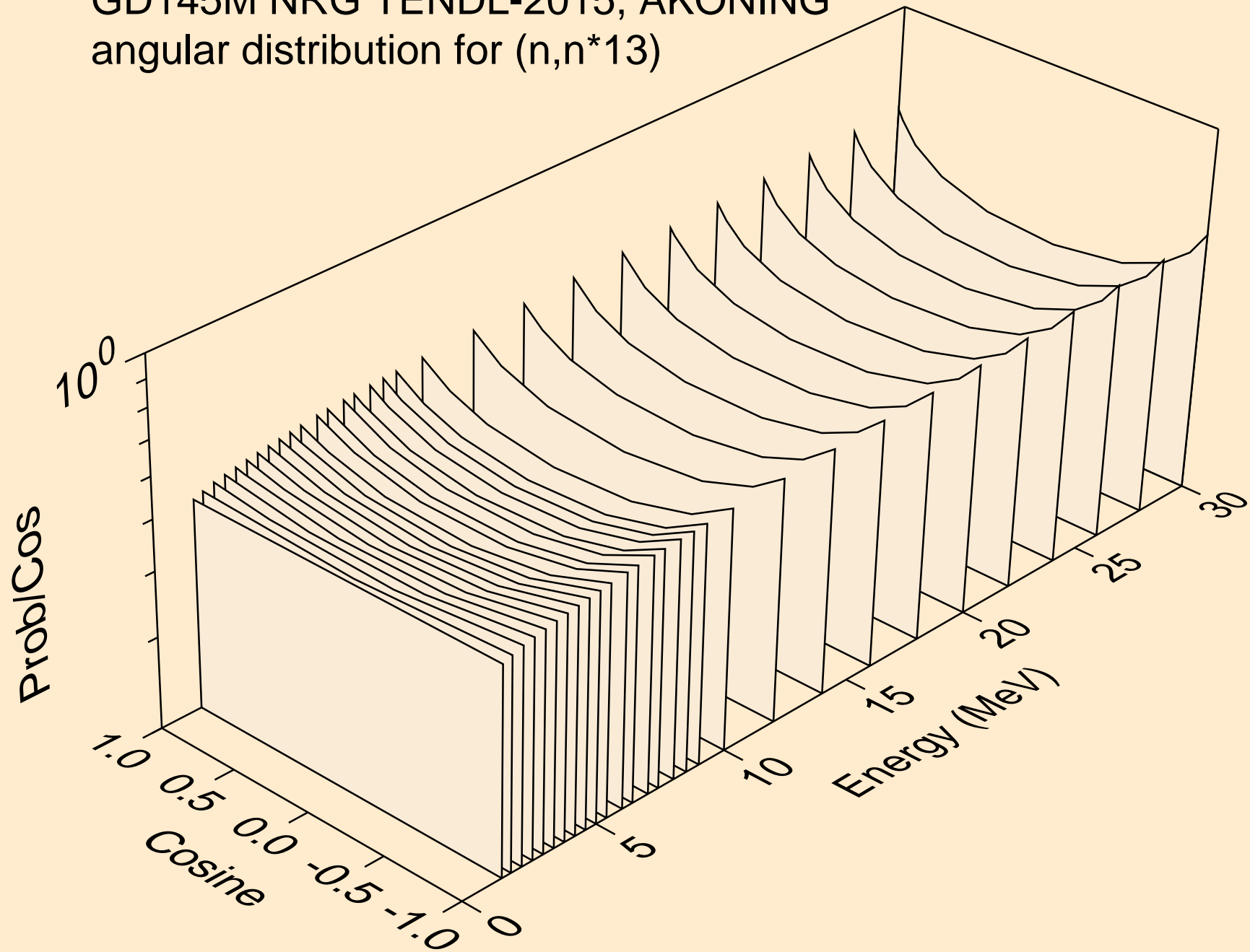
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angular distribution for (n,n\*11)



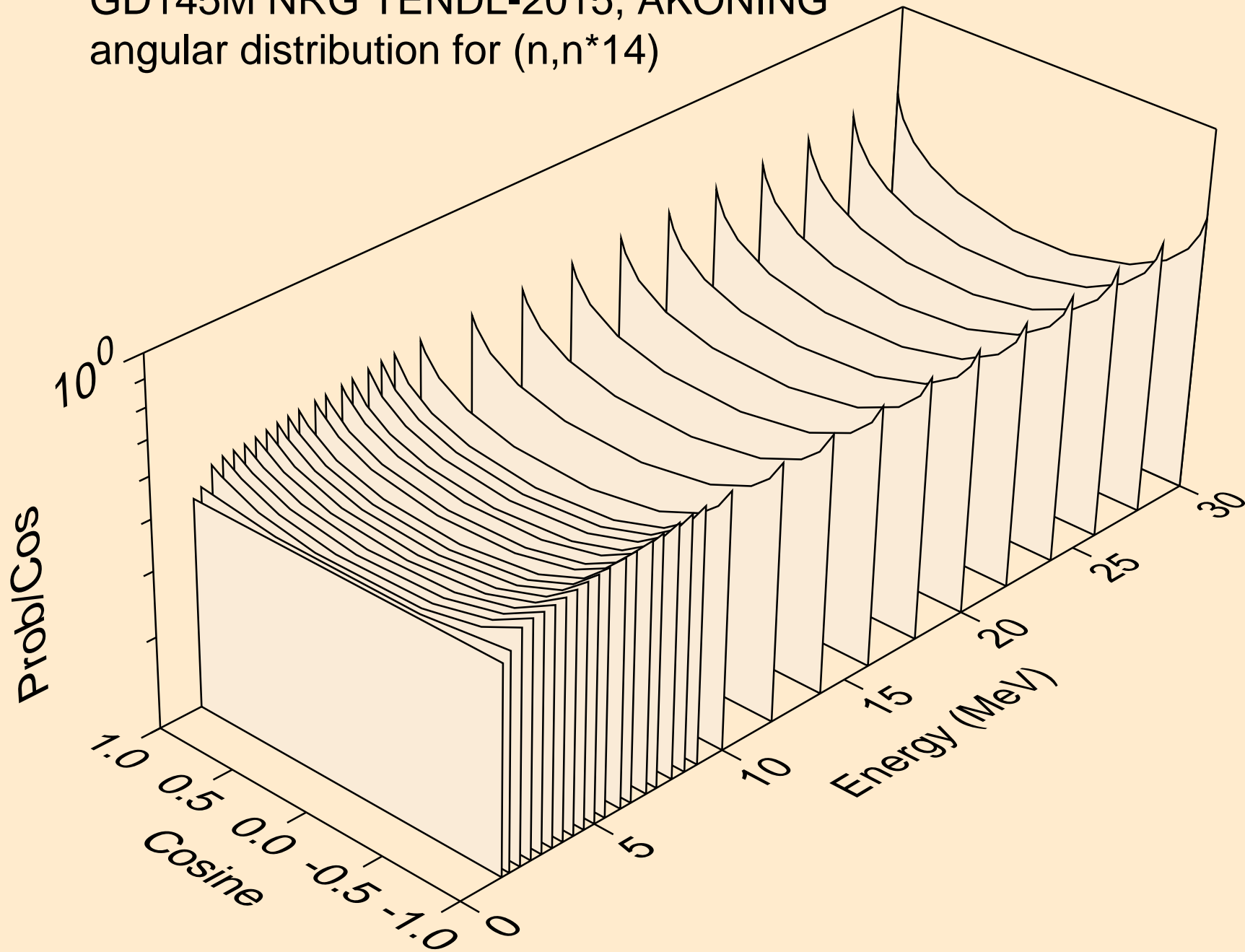
GD145M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



GD145M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

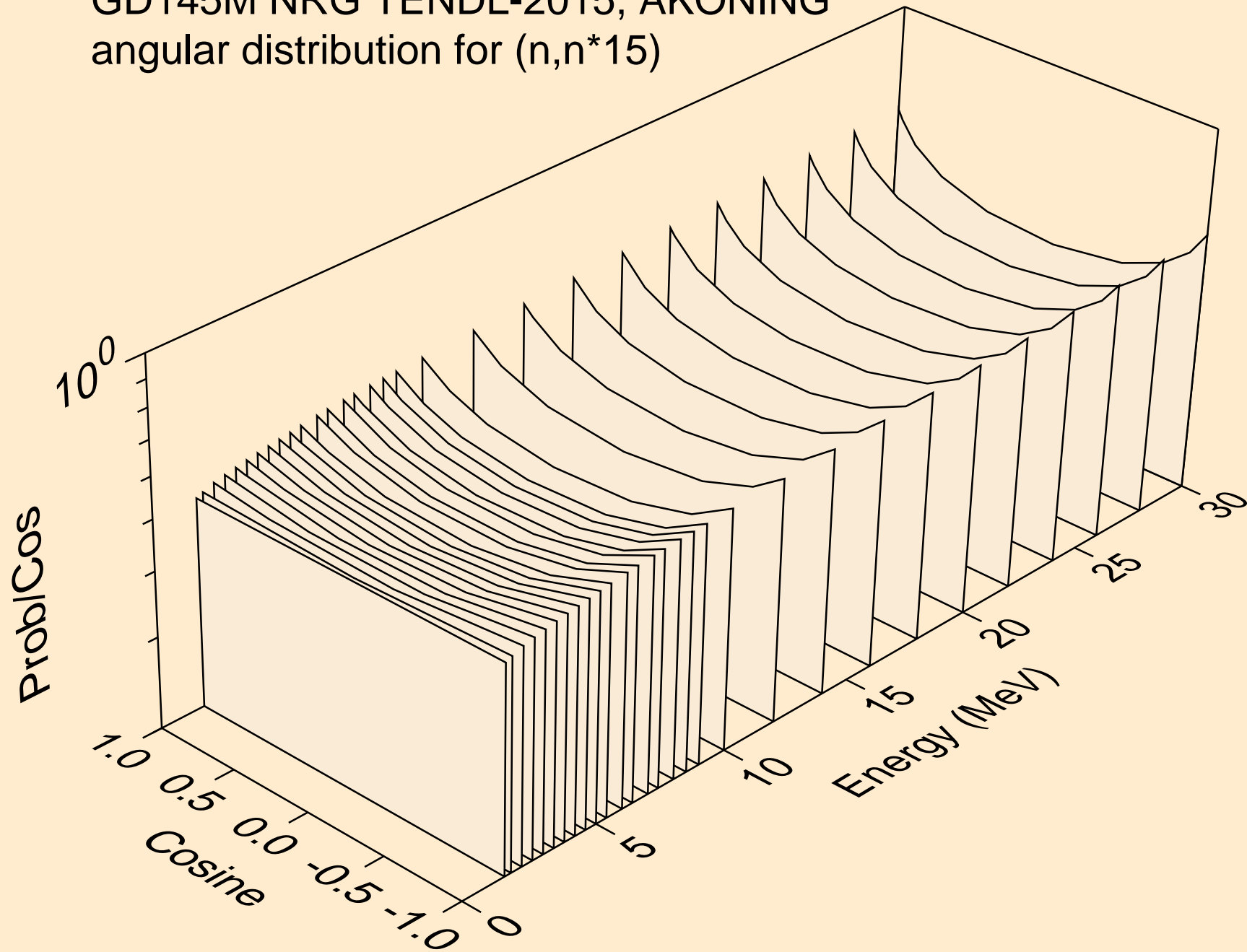


GD145M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

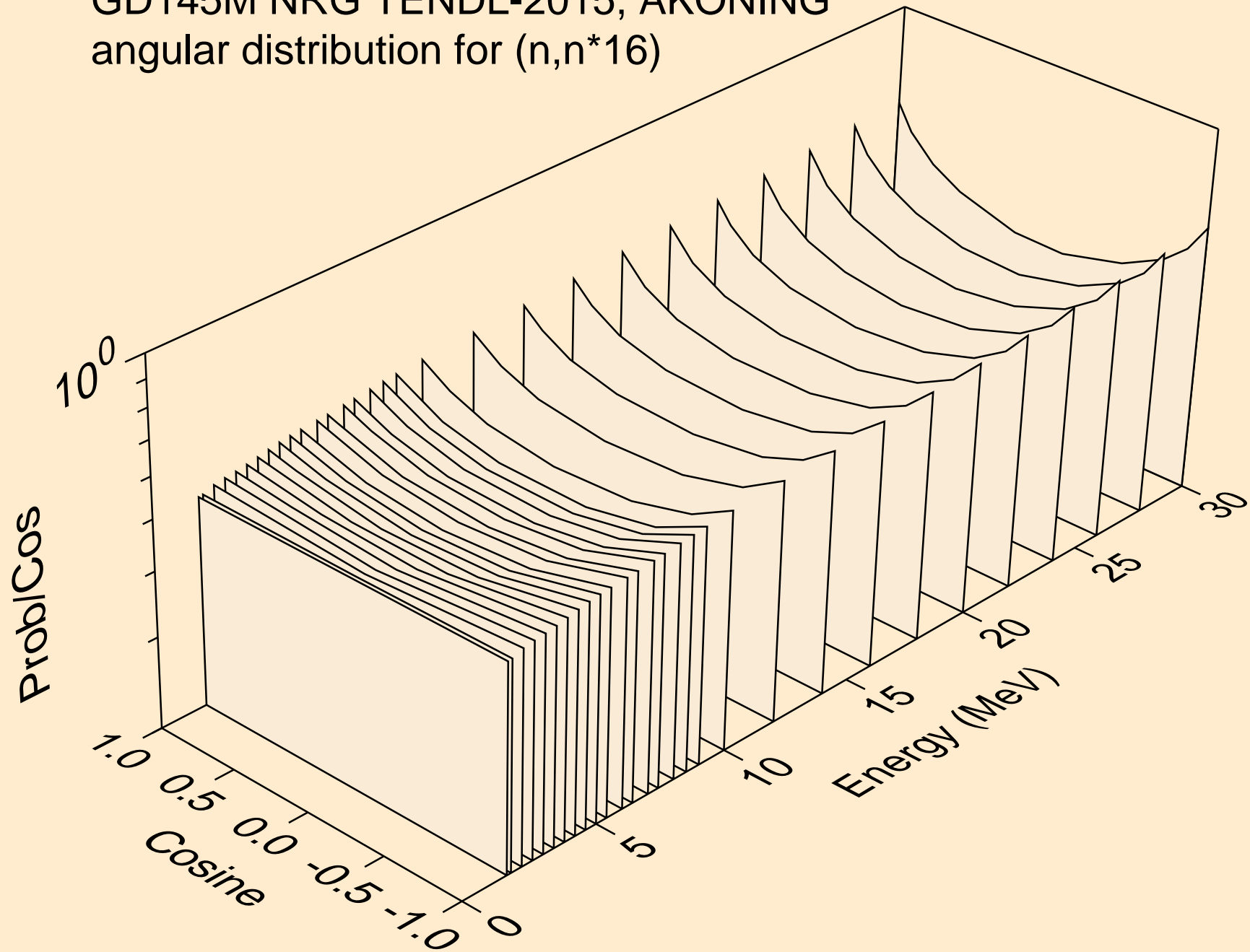




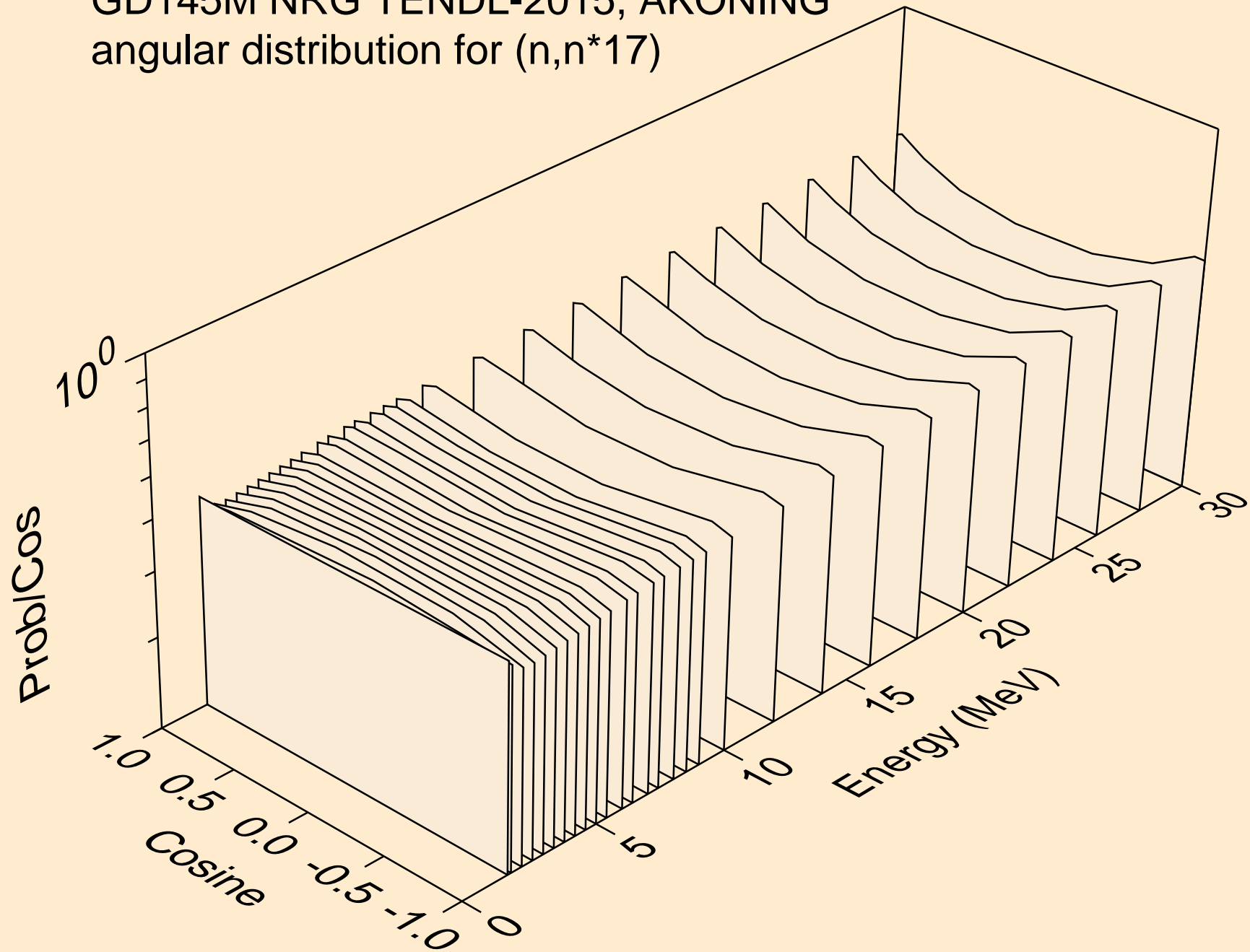
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angular distribution for (n,n\*15)



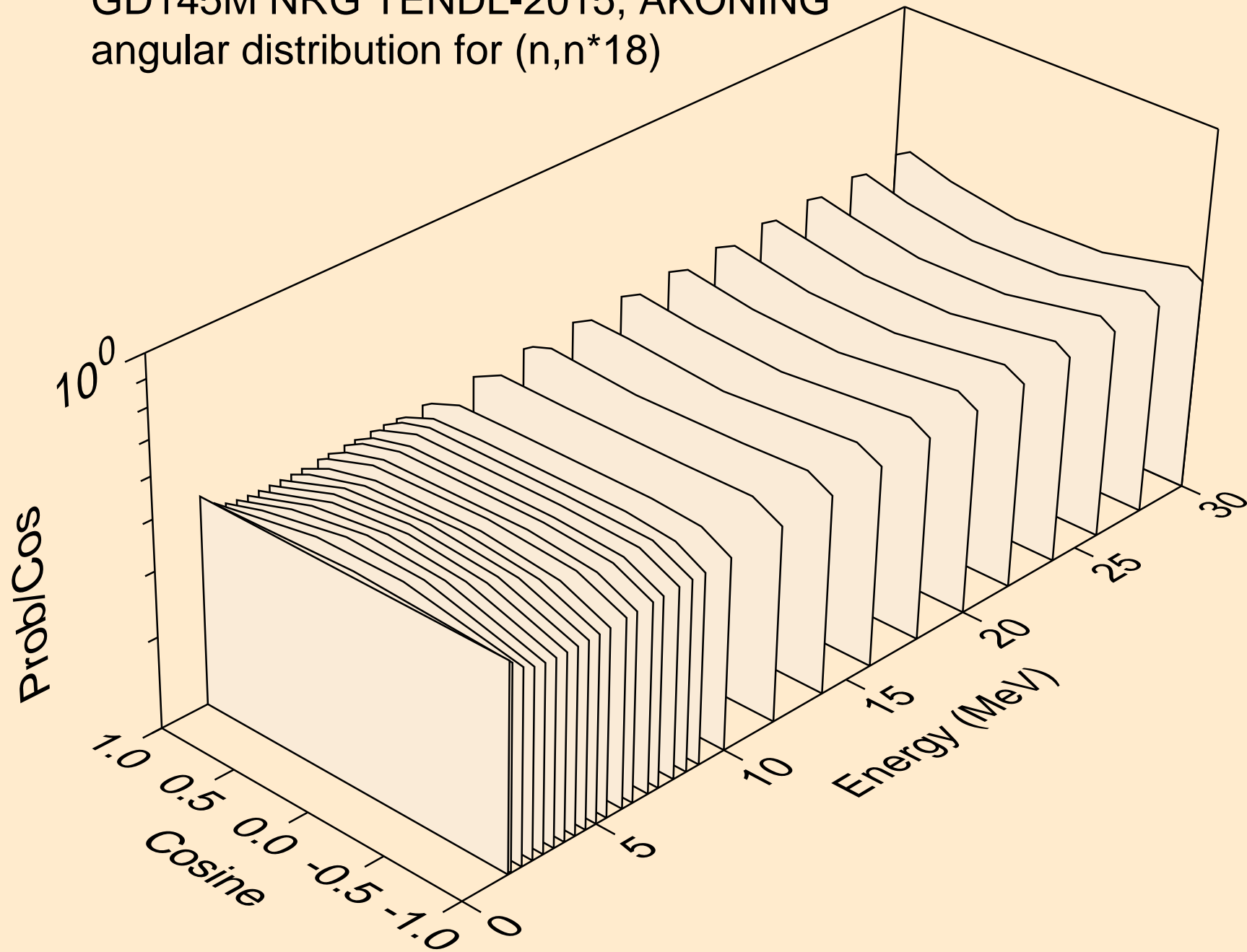
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angular distribution for (n,n\*16)



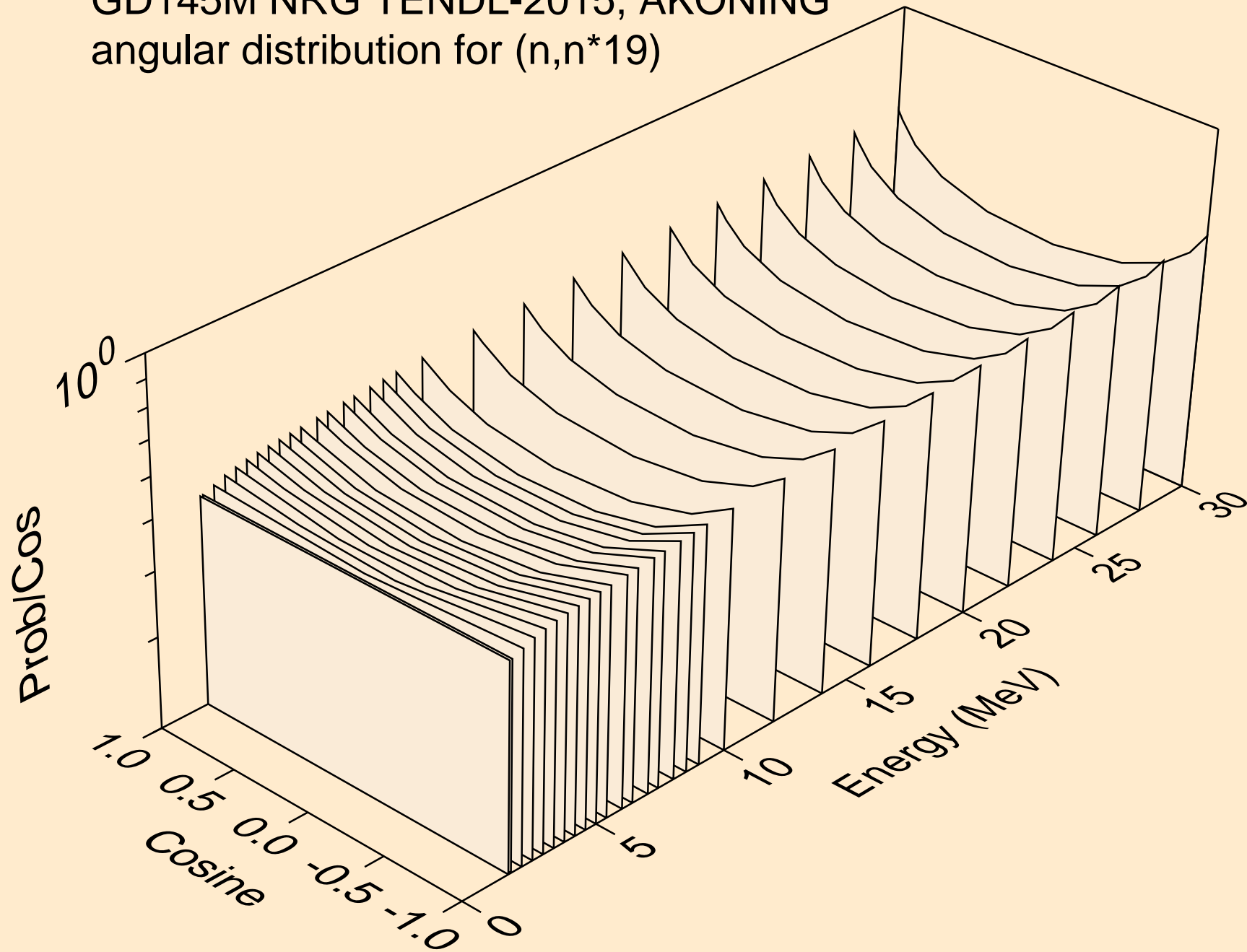
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angular distribution for (n,n\*17)



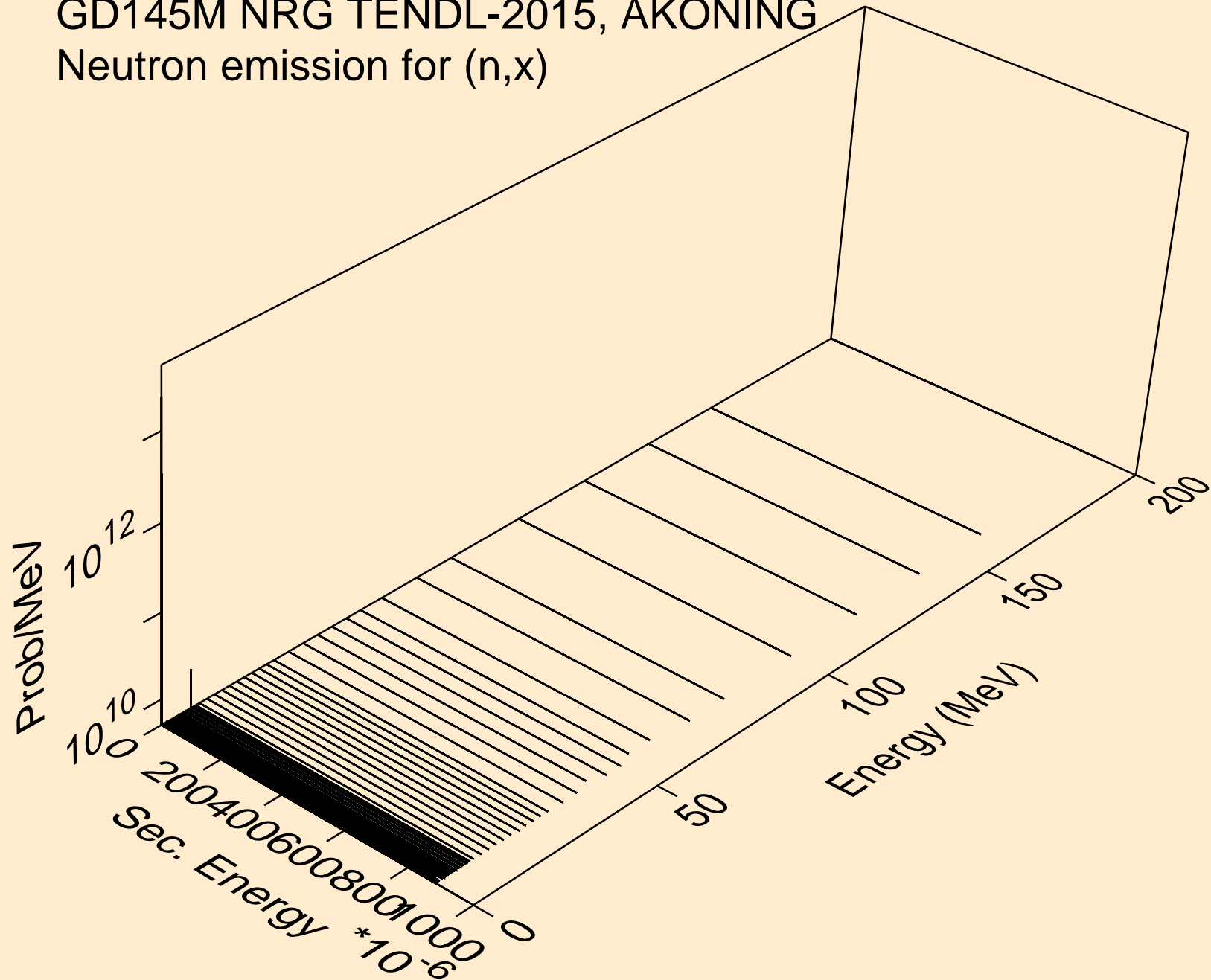
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angular distribution for (n,n\*18)



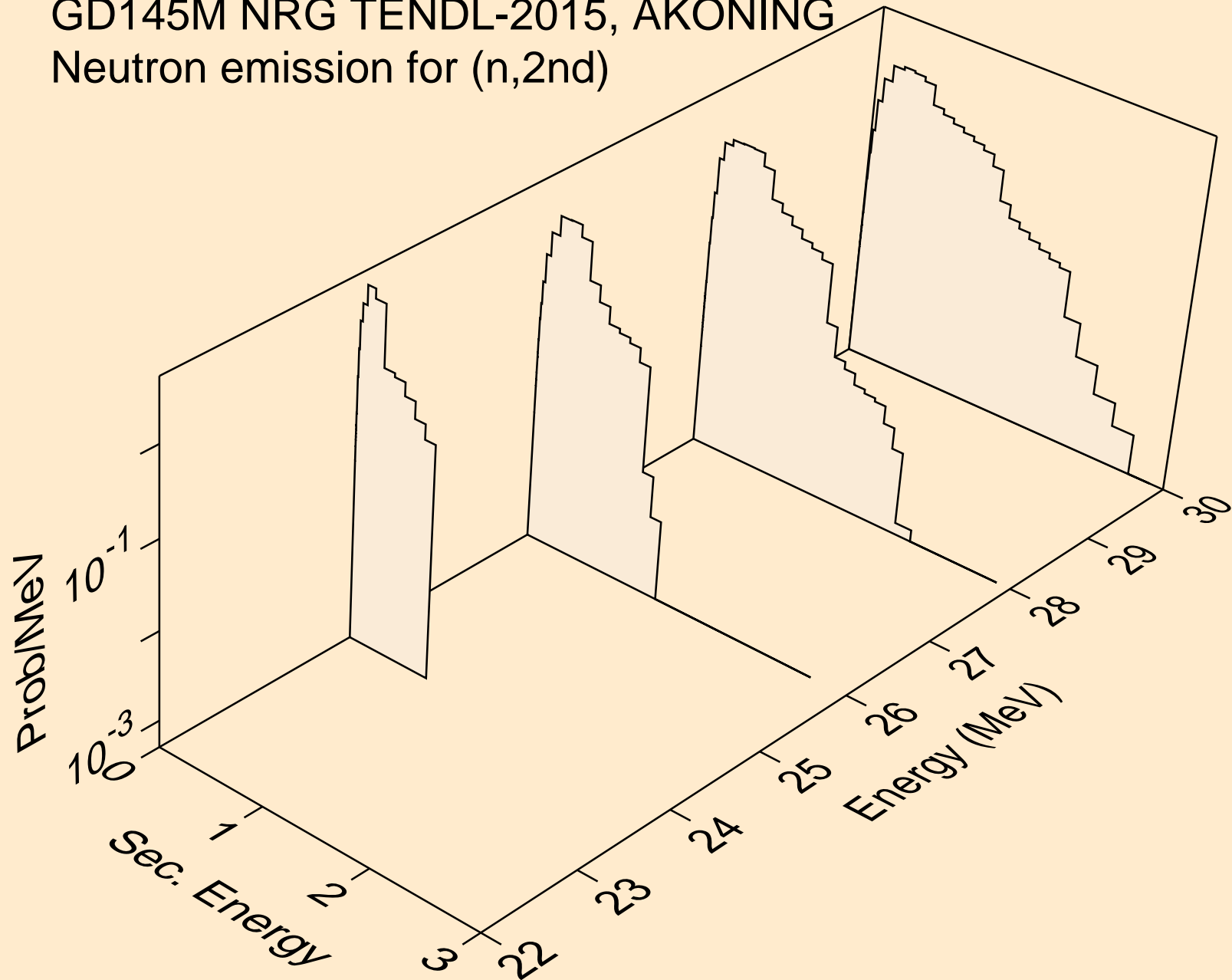
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angular distribution for (n,n\*19)



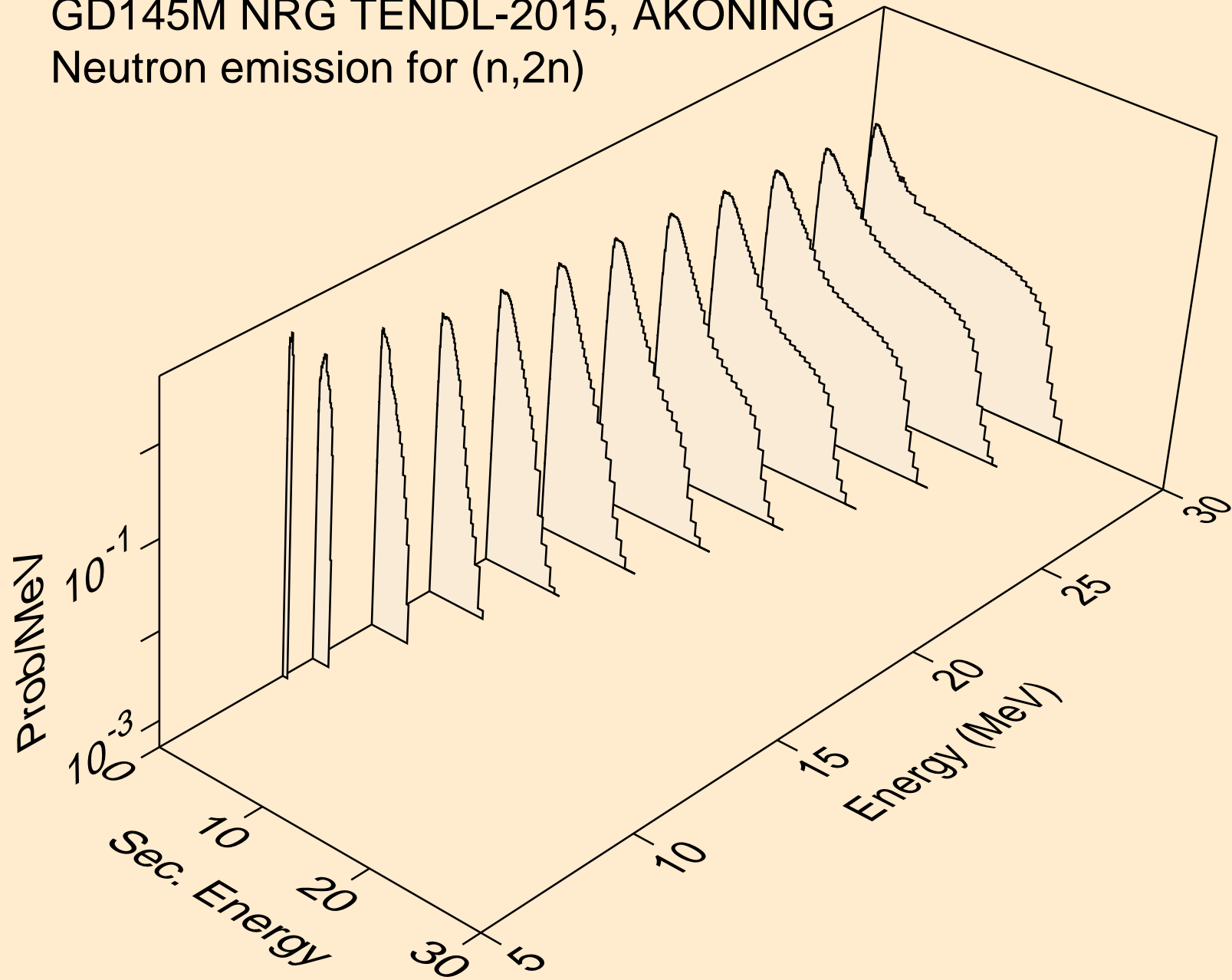
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

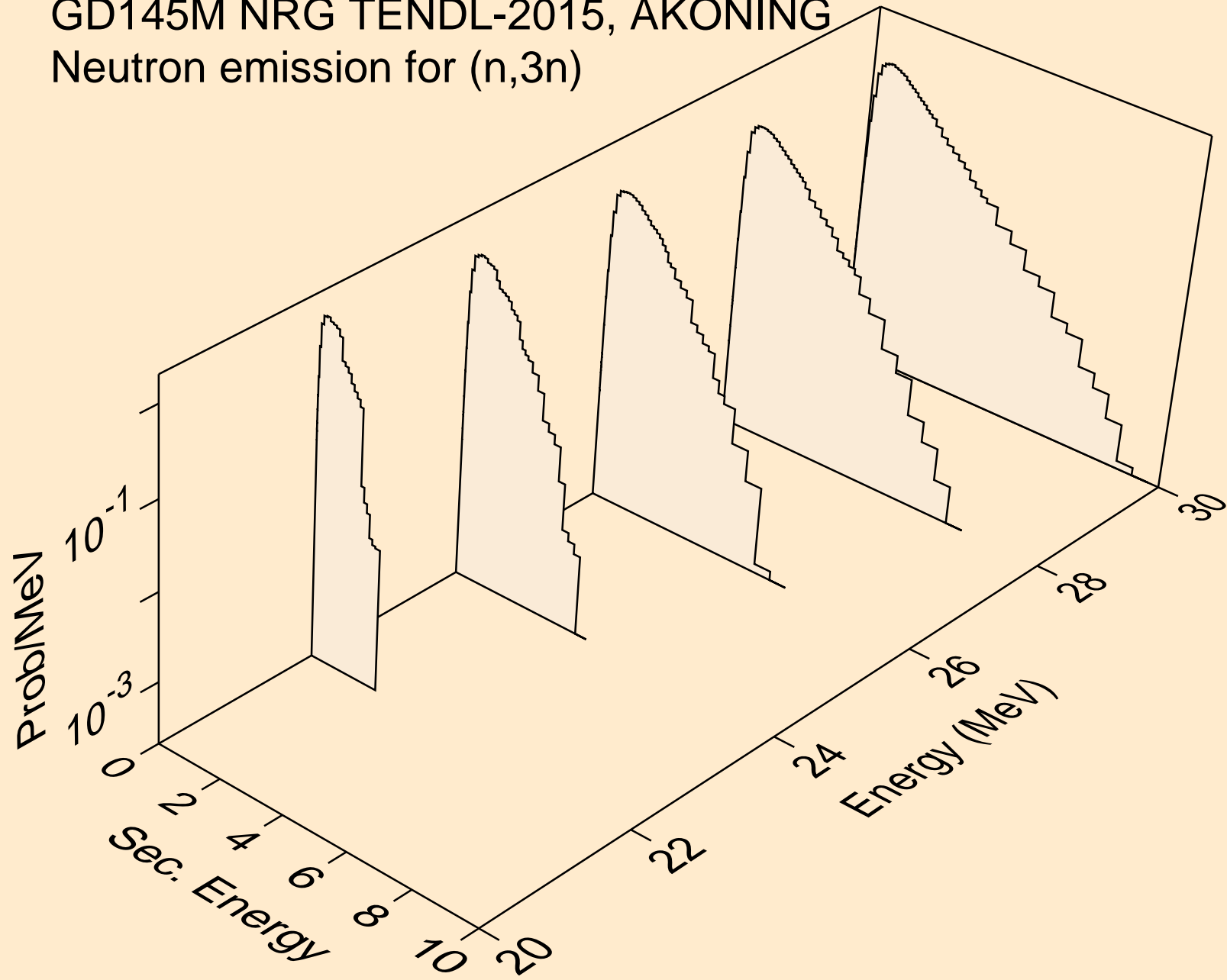


GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

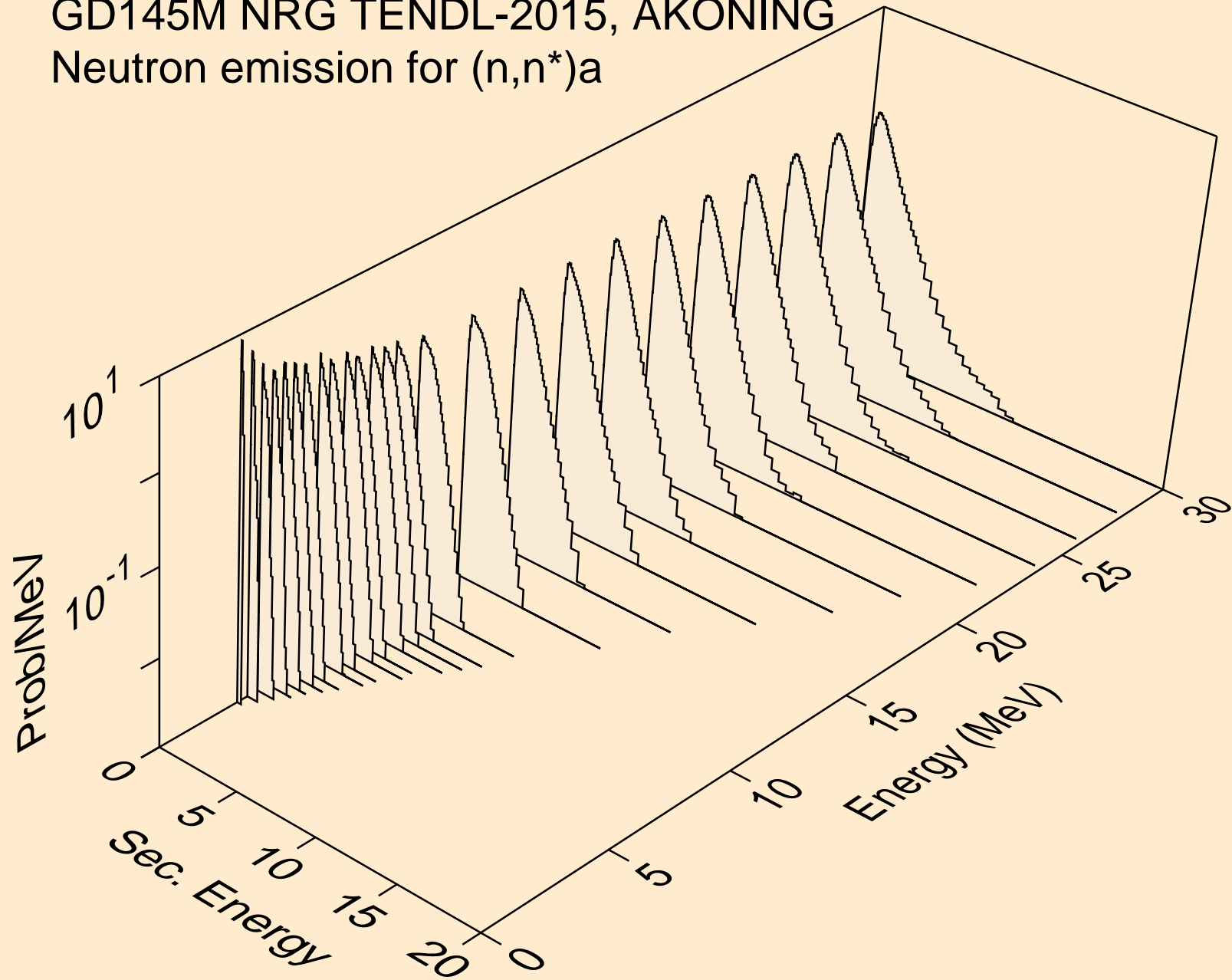




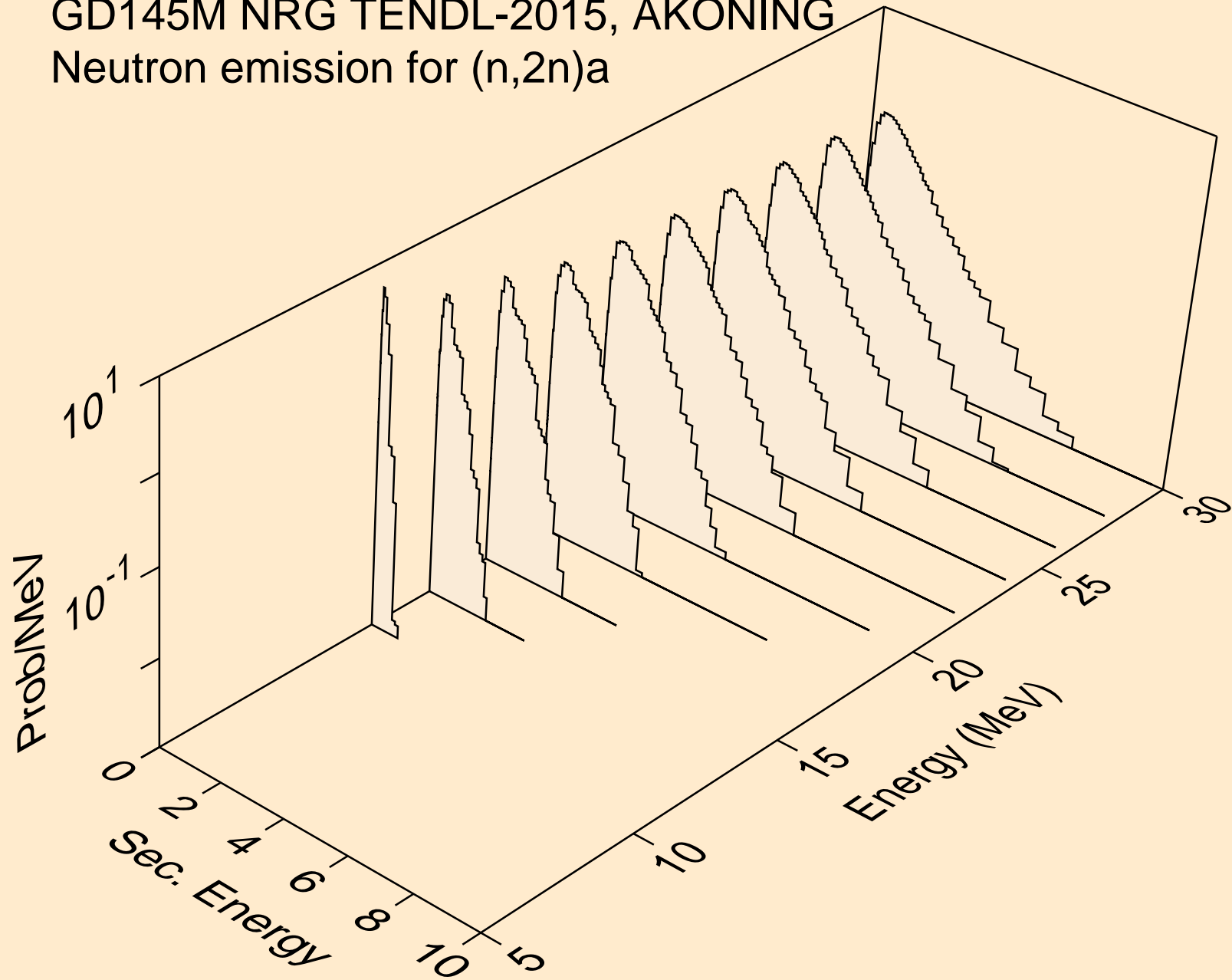
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Neutron emission for (n,3n)



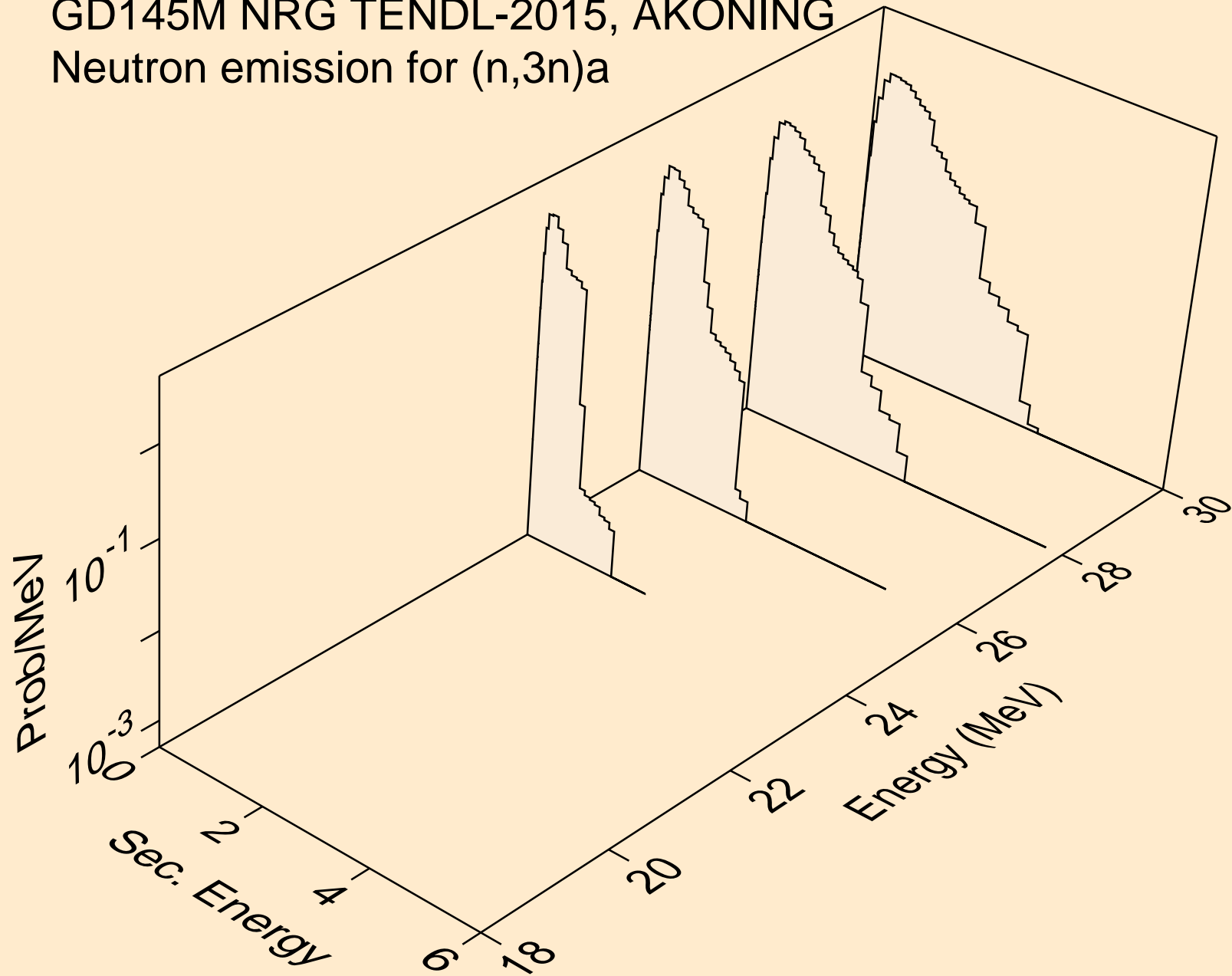
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



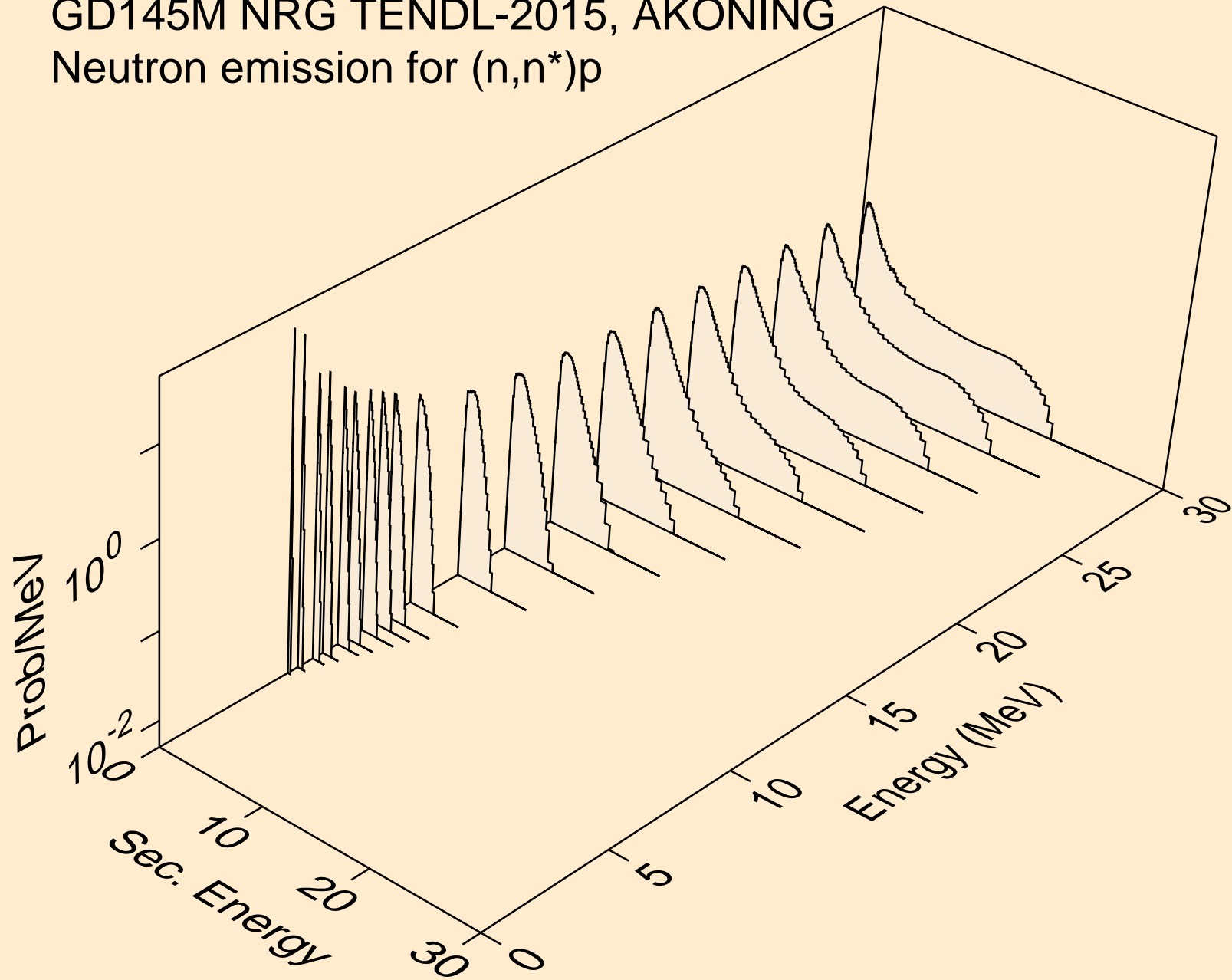
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



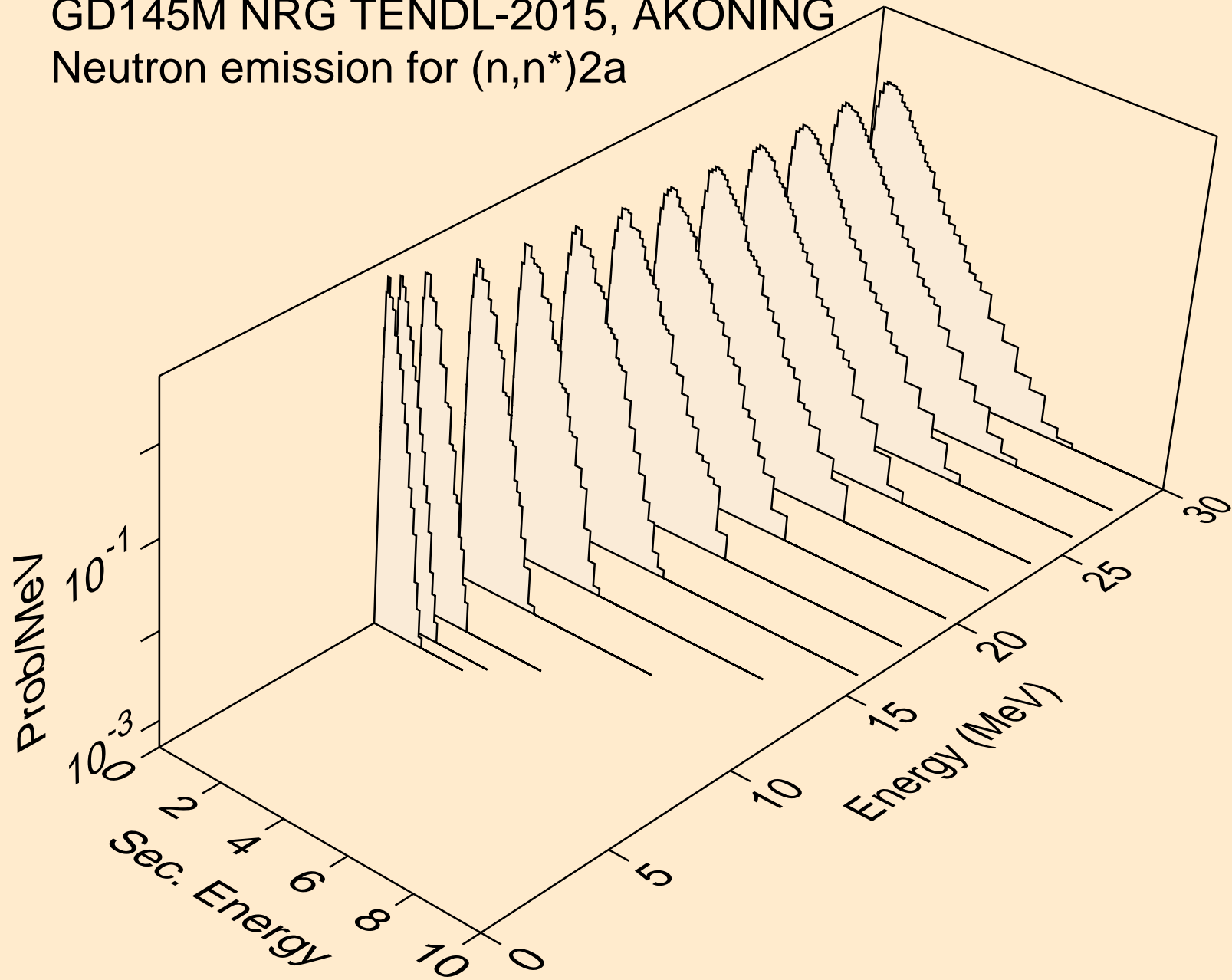
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



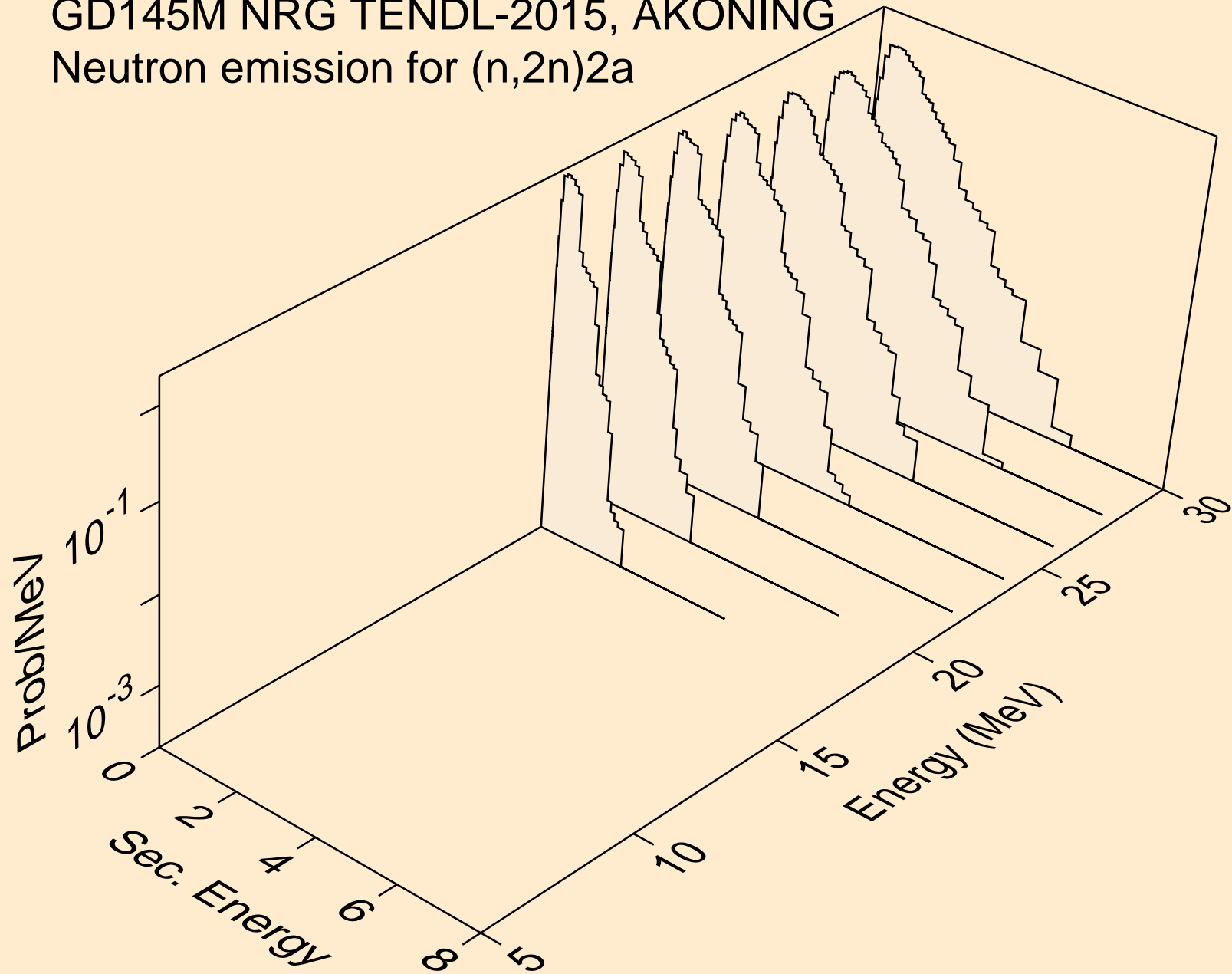
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Neutron emission for (n,n\*)p



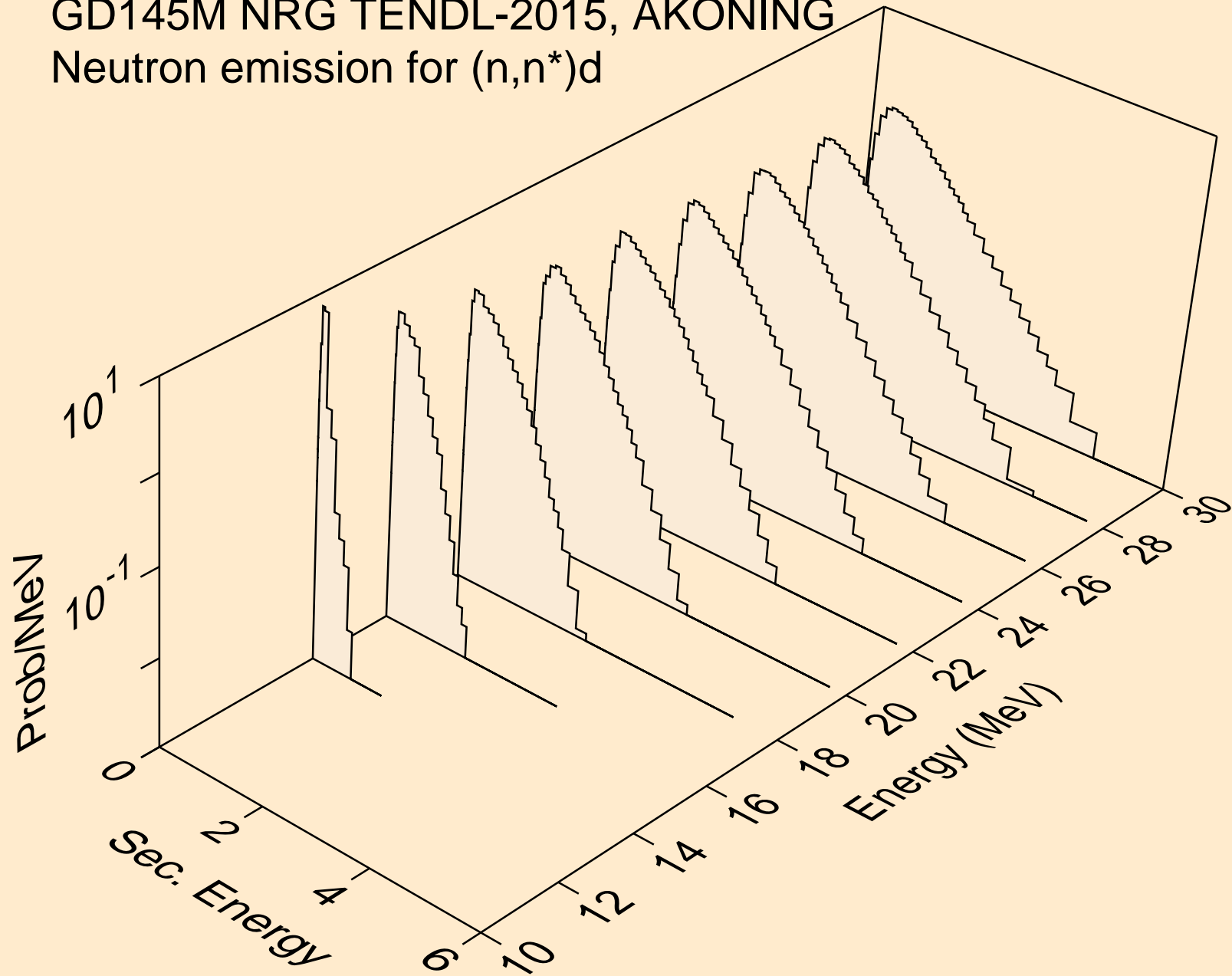
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

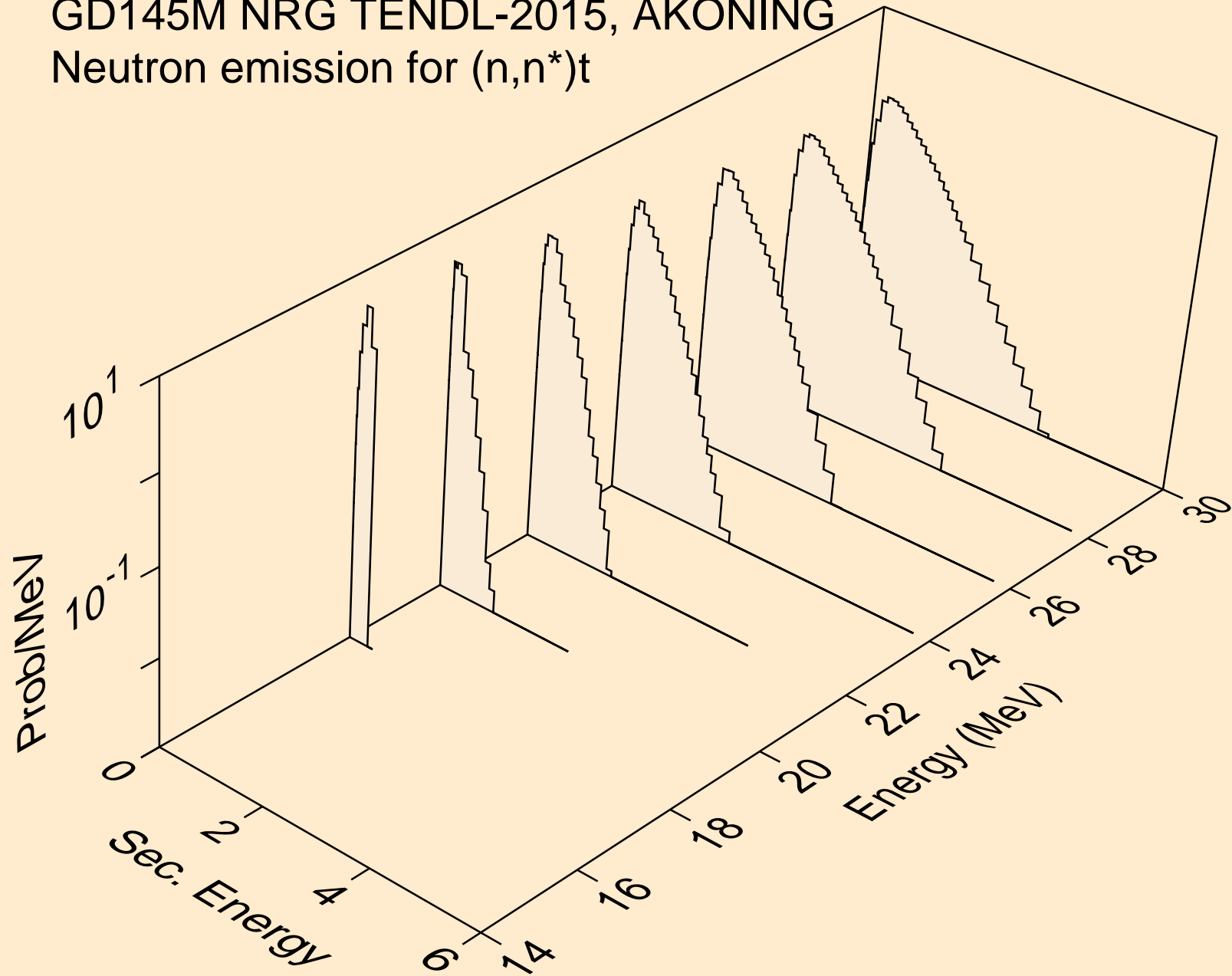


GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

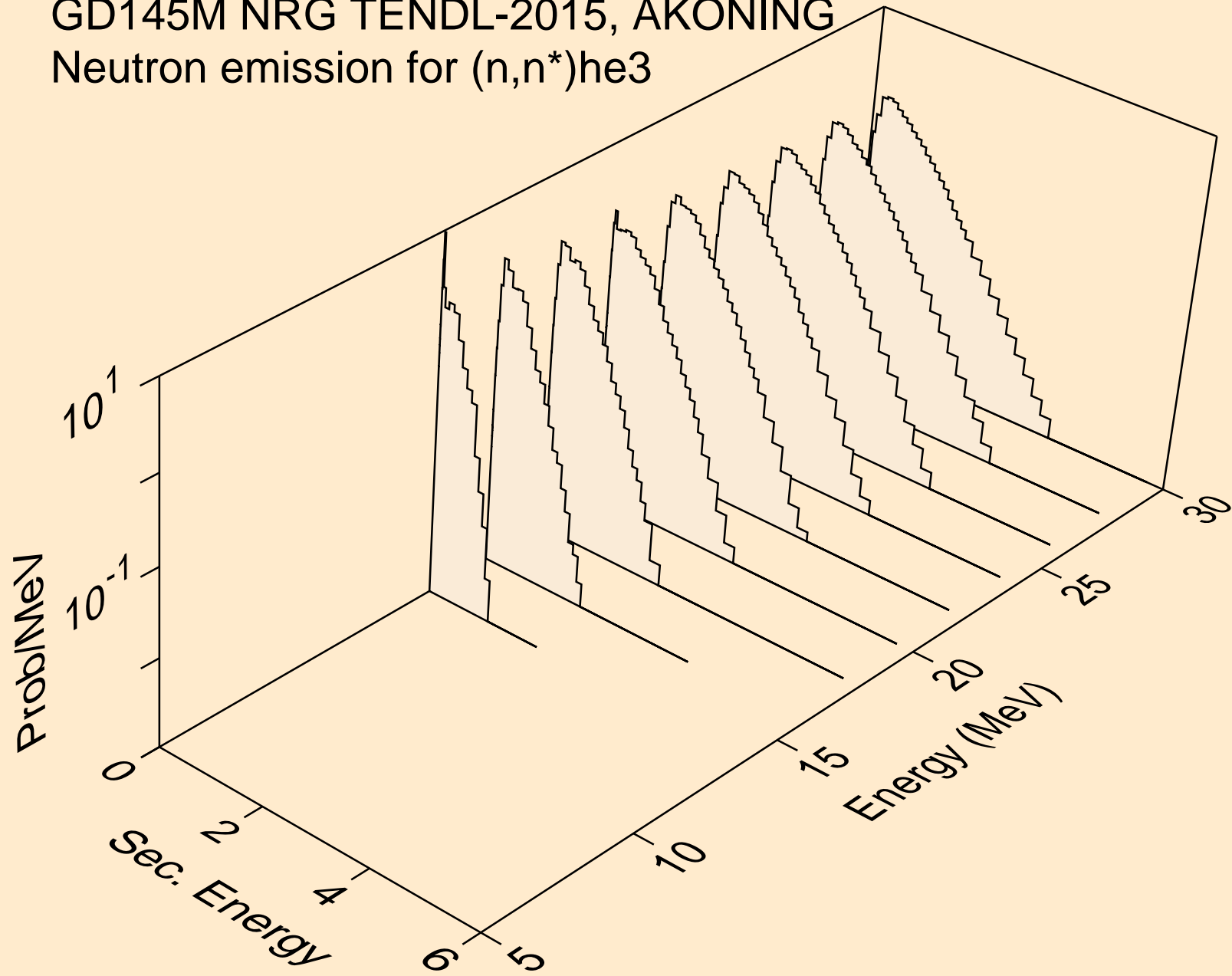




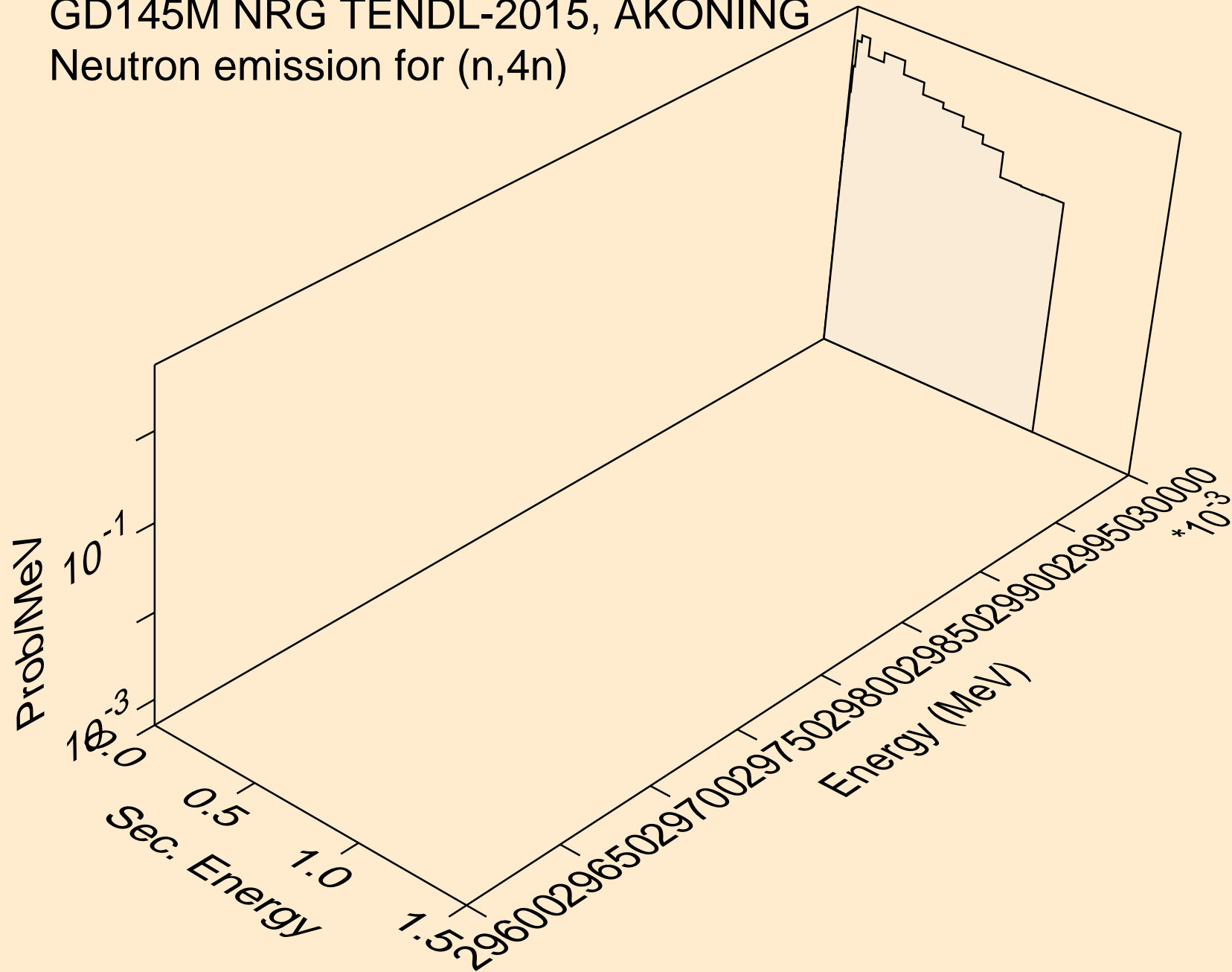
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Neutron emission for (n,n\*)t



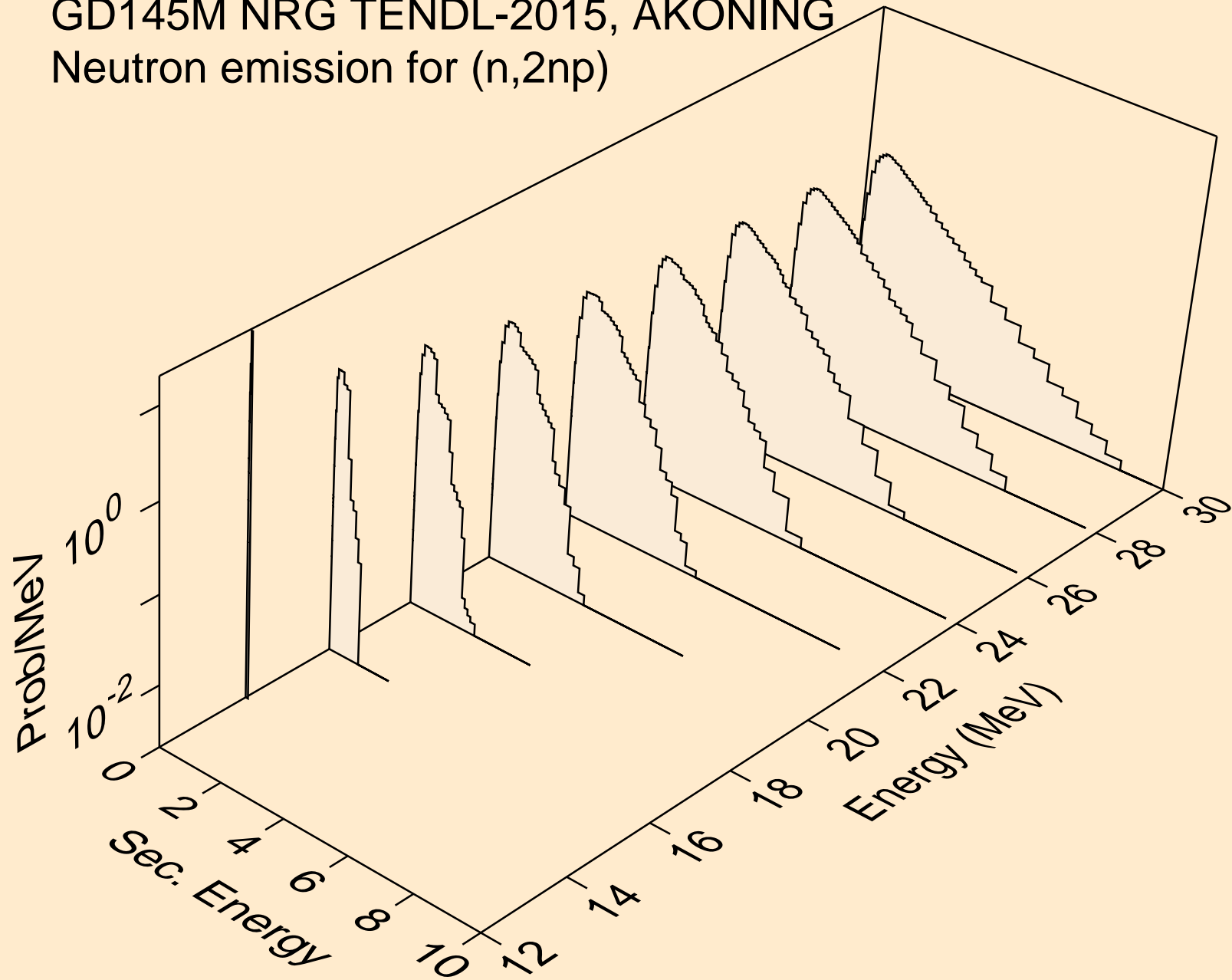
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



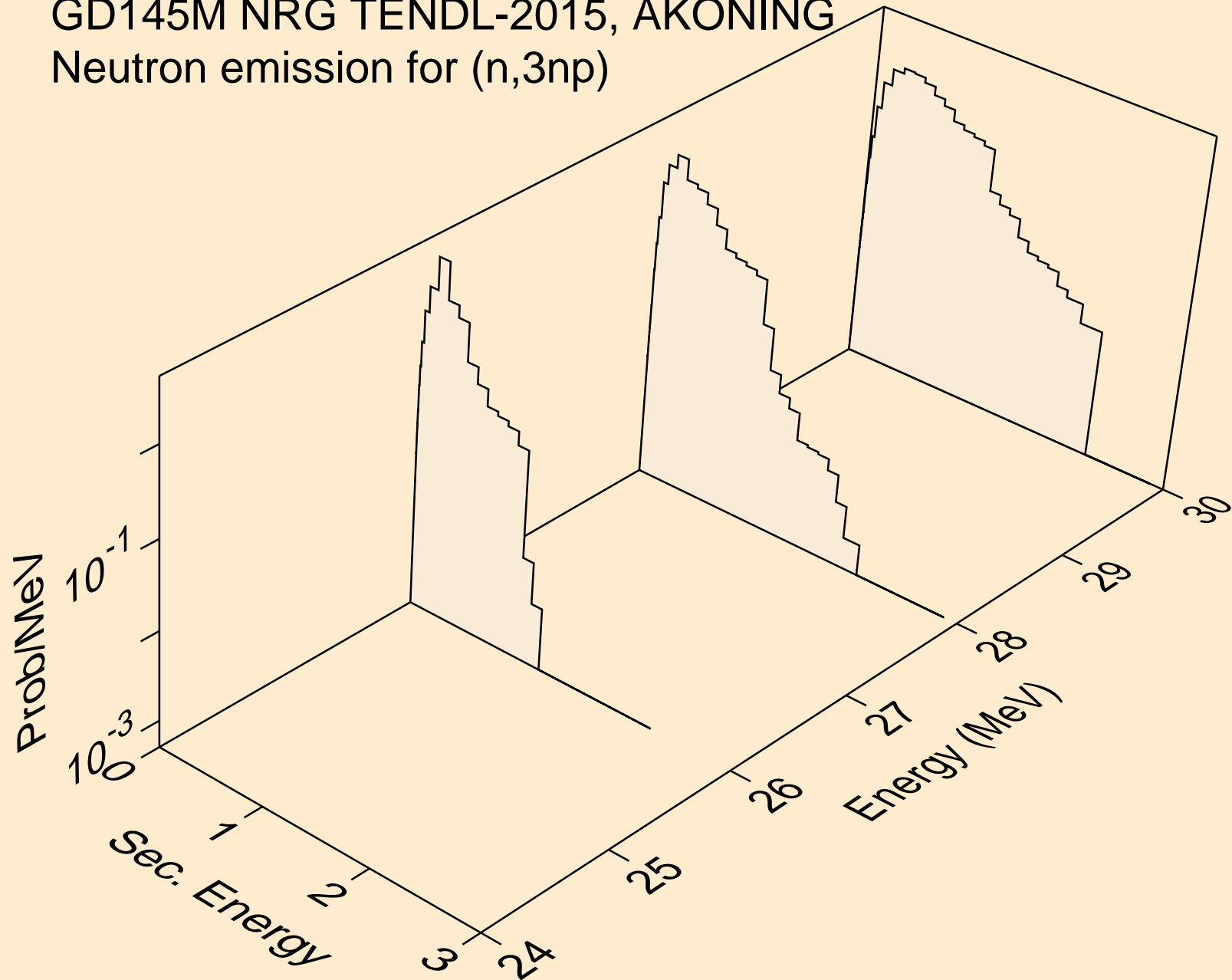
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



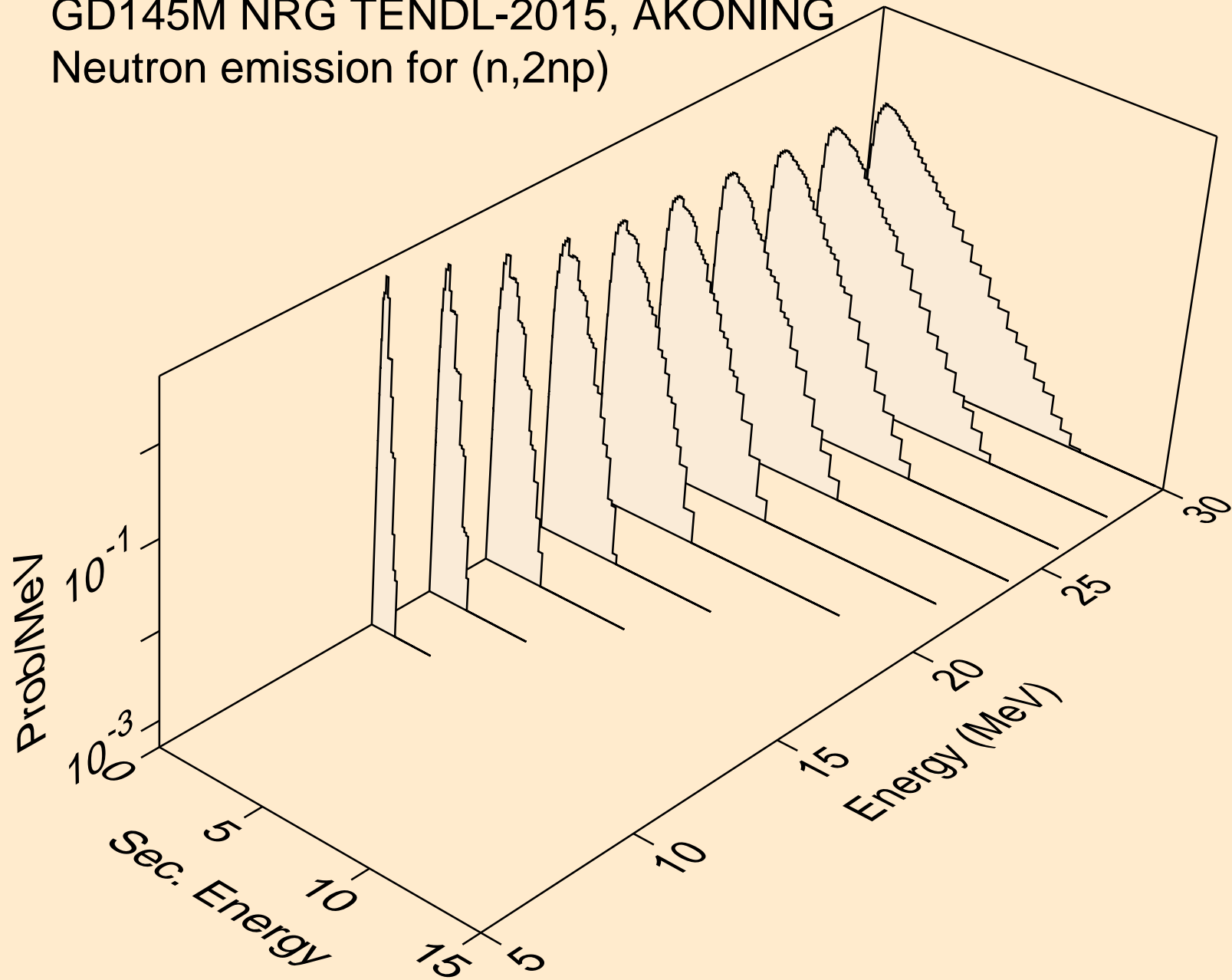
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



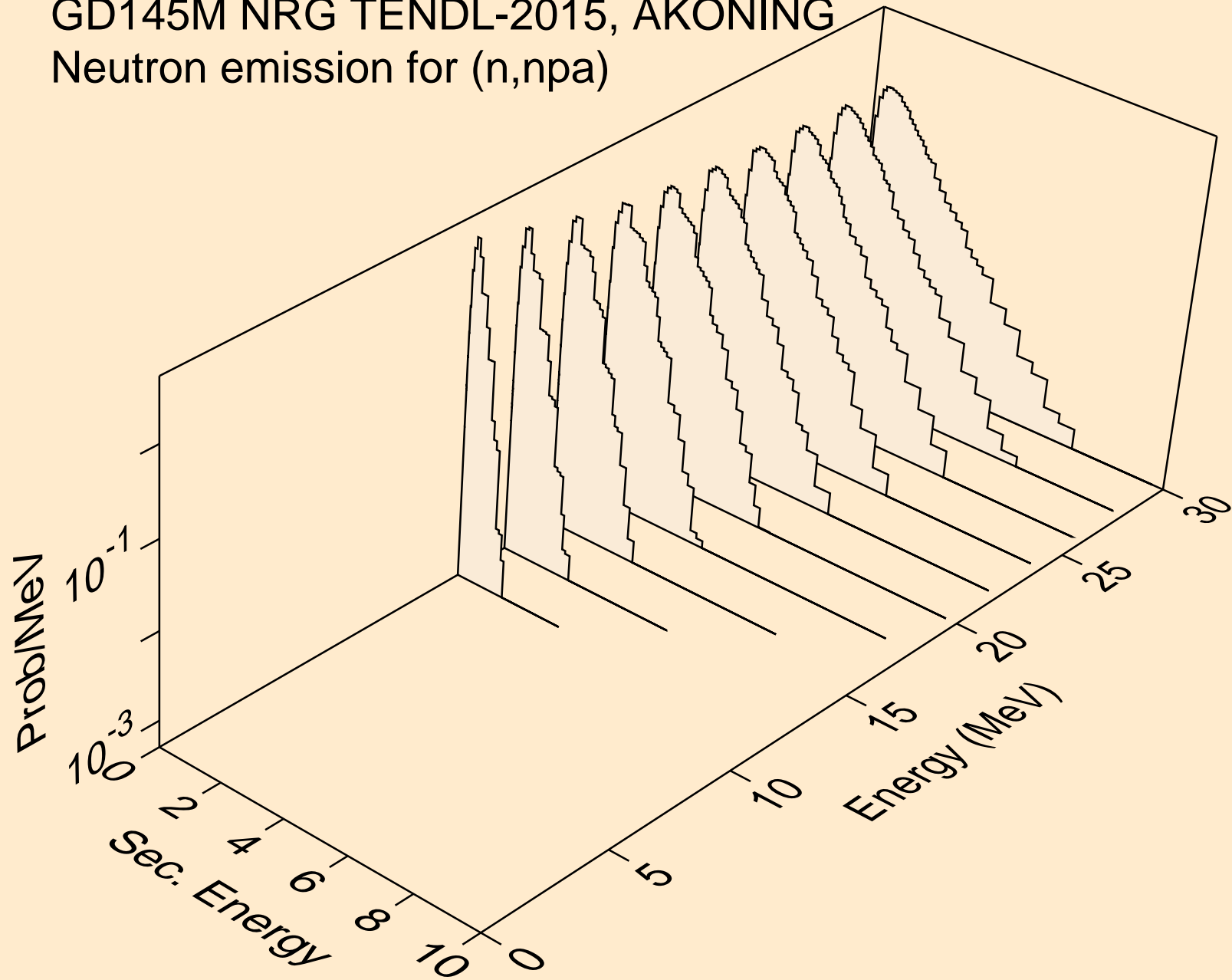
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



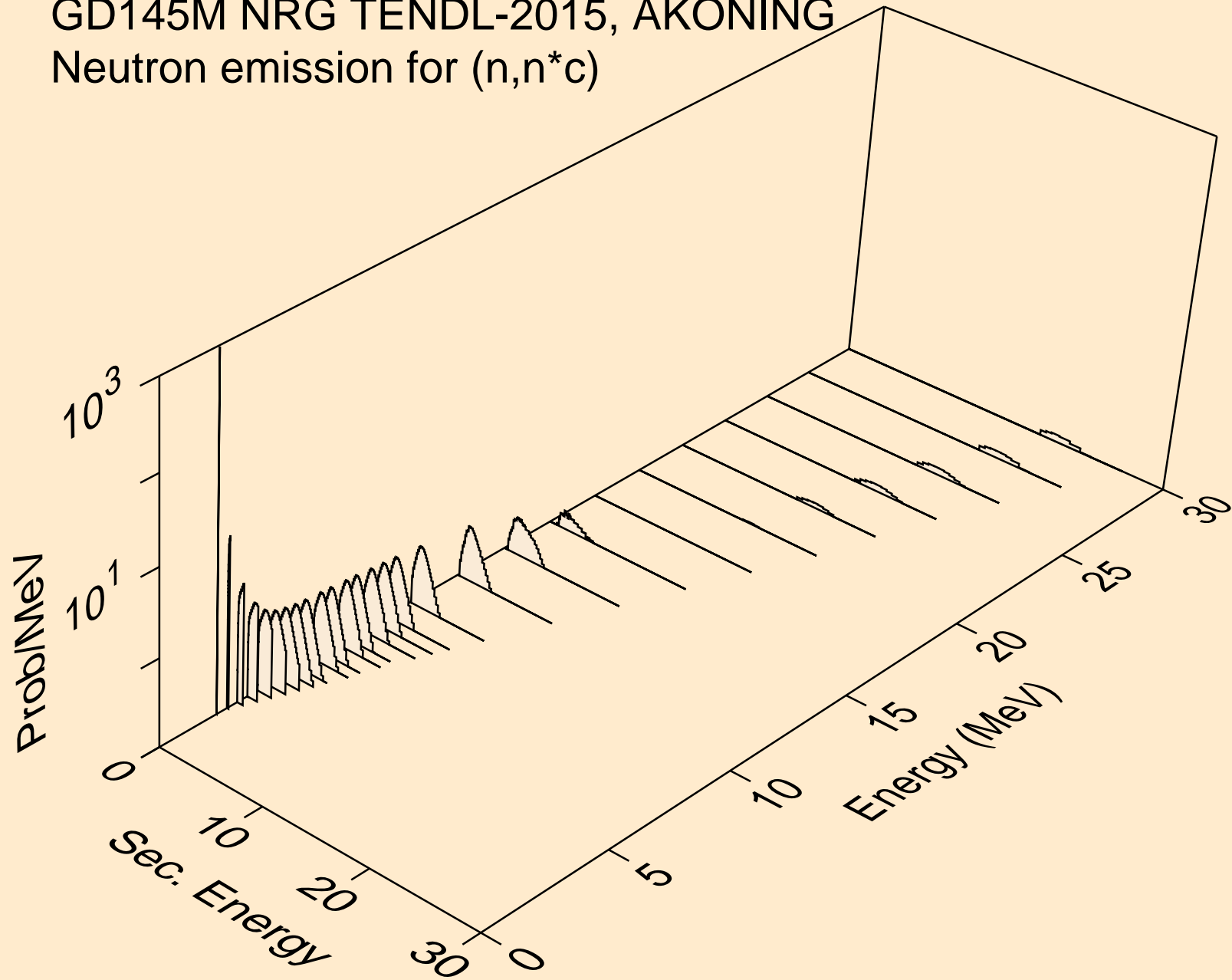
GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

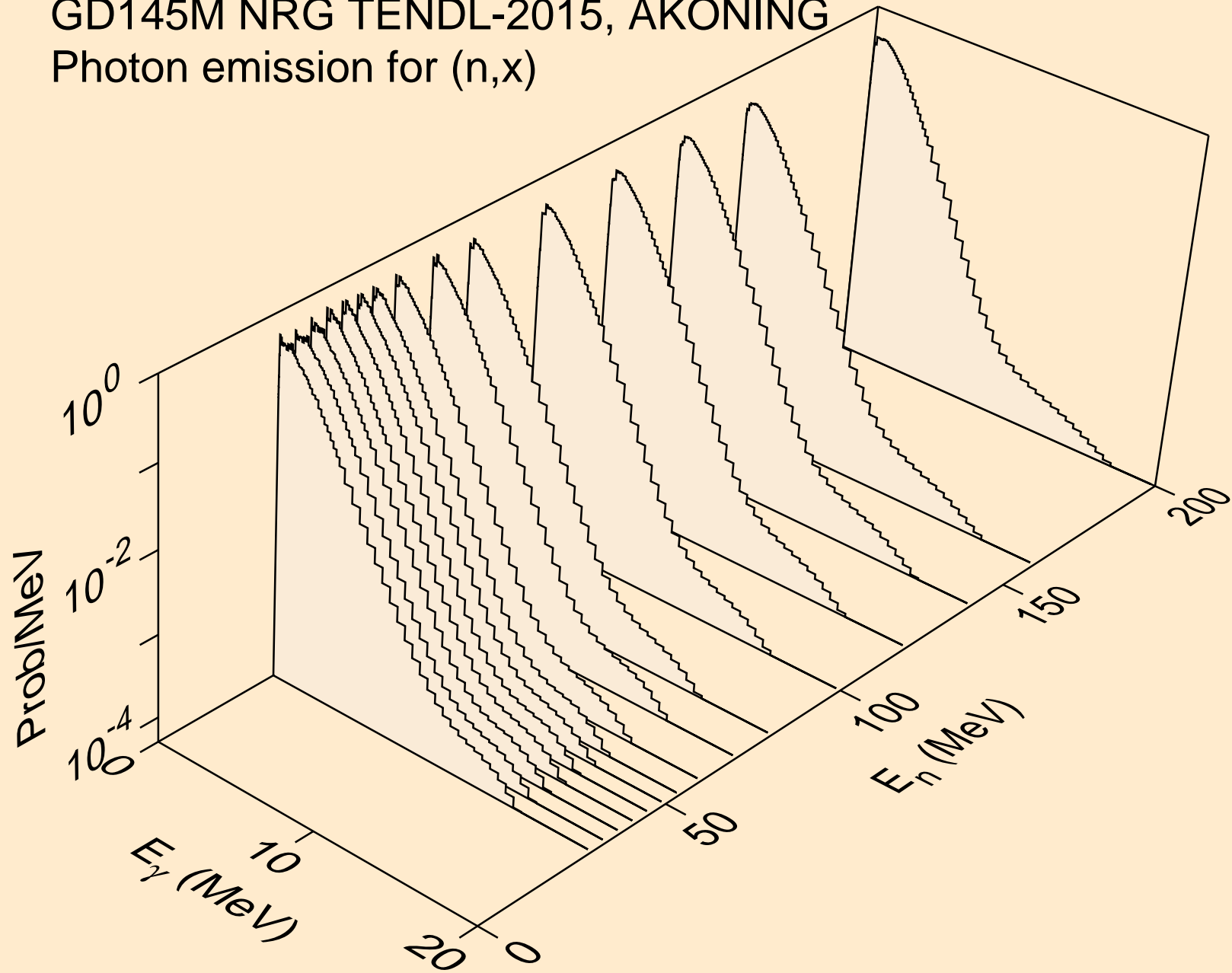


GD145M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

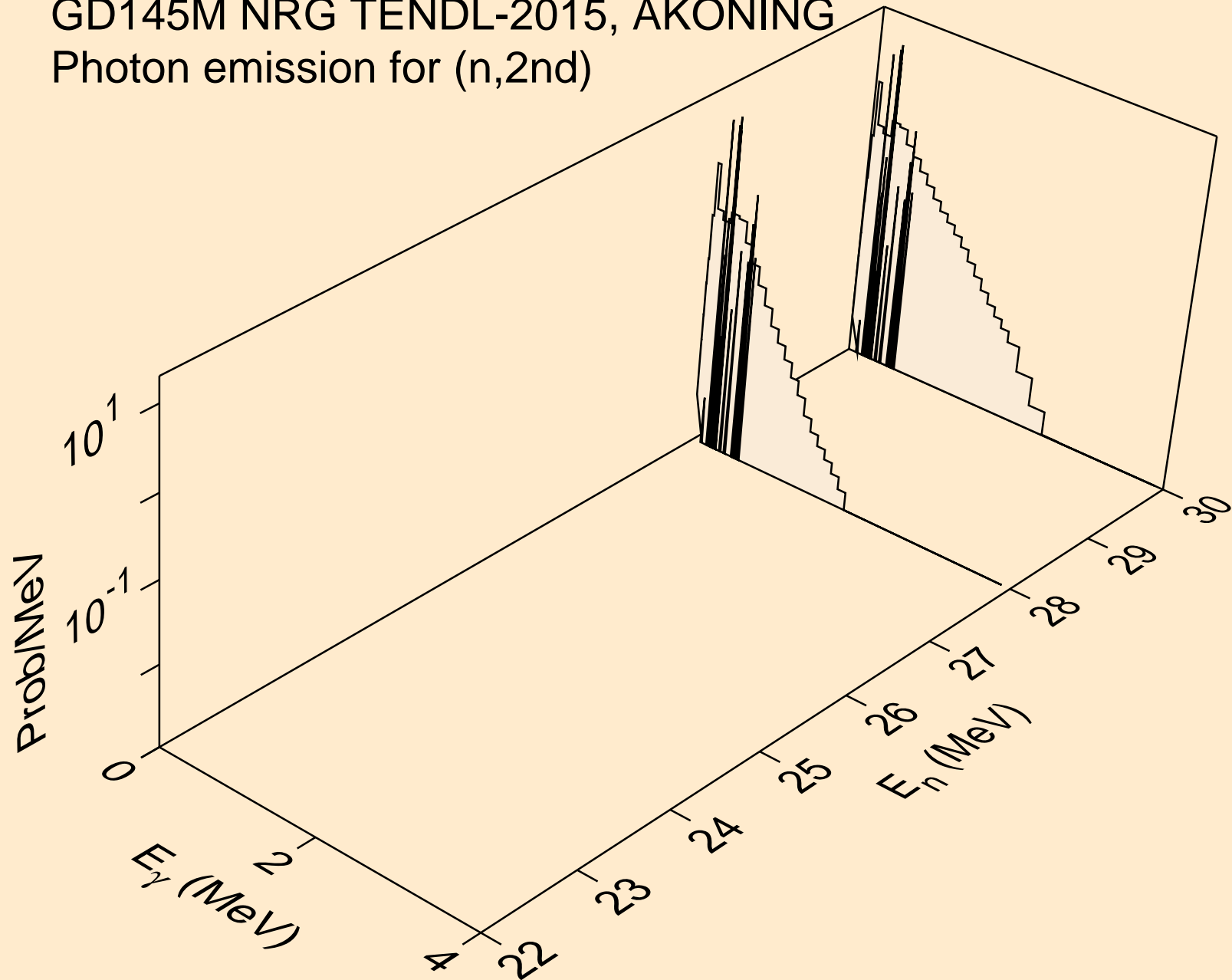




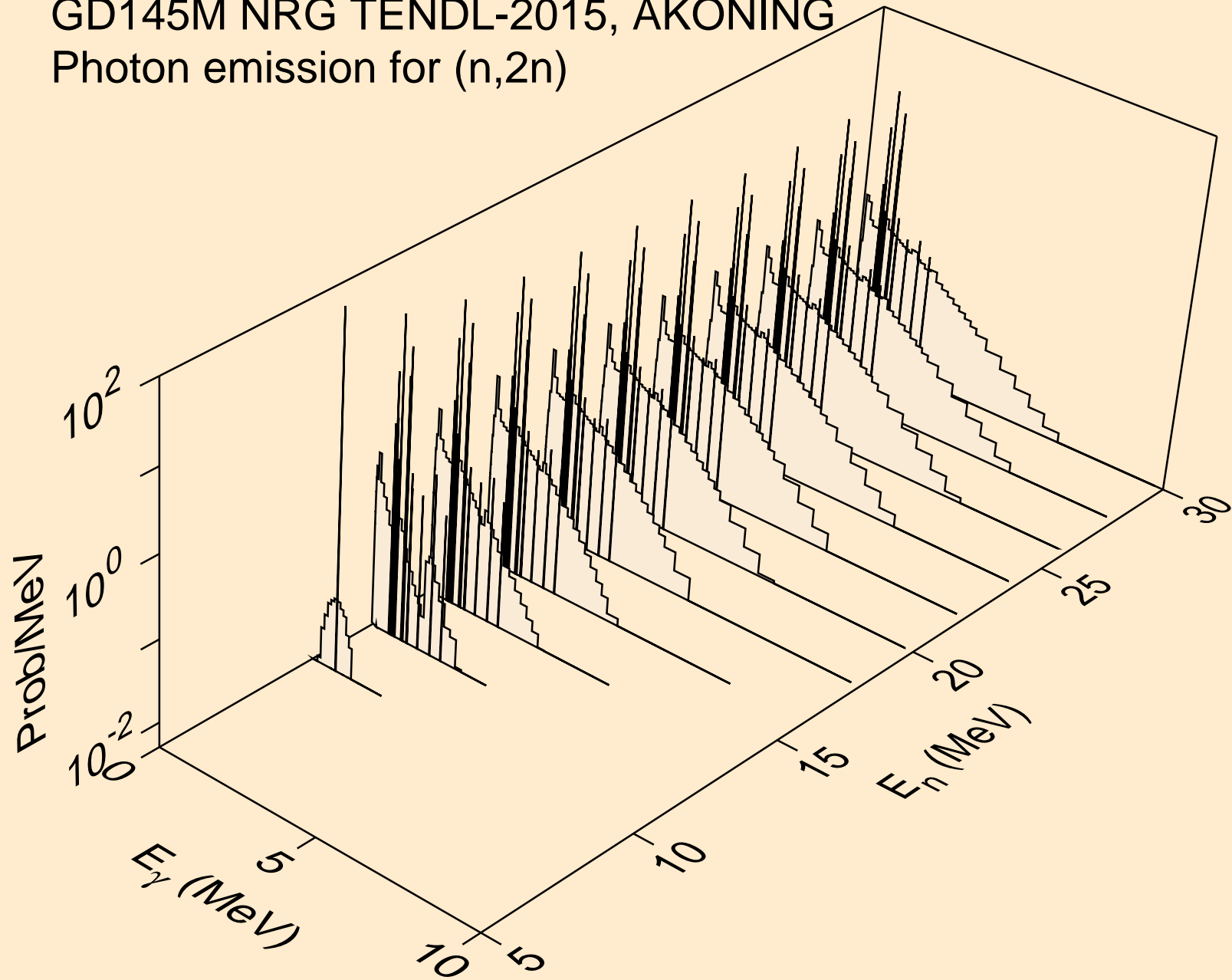
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



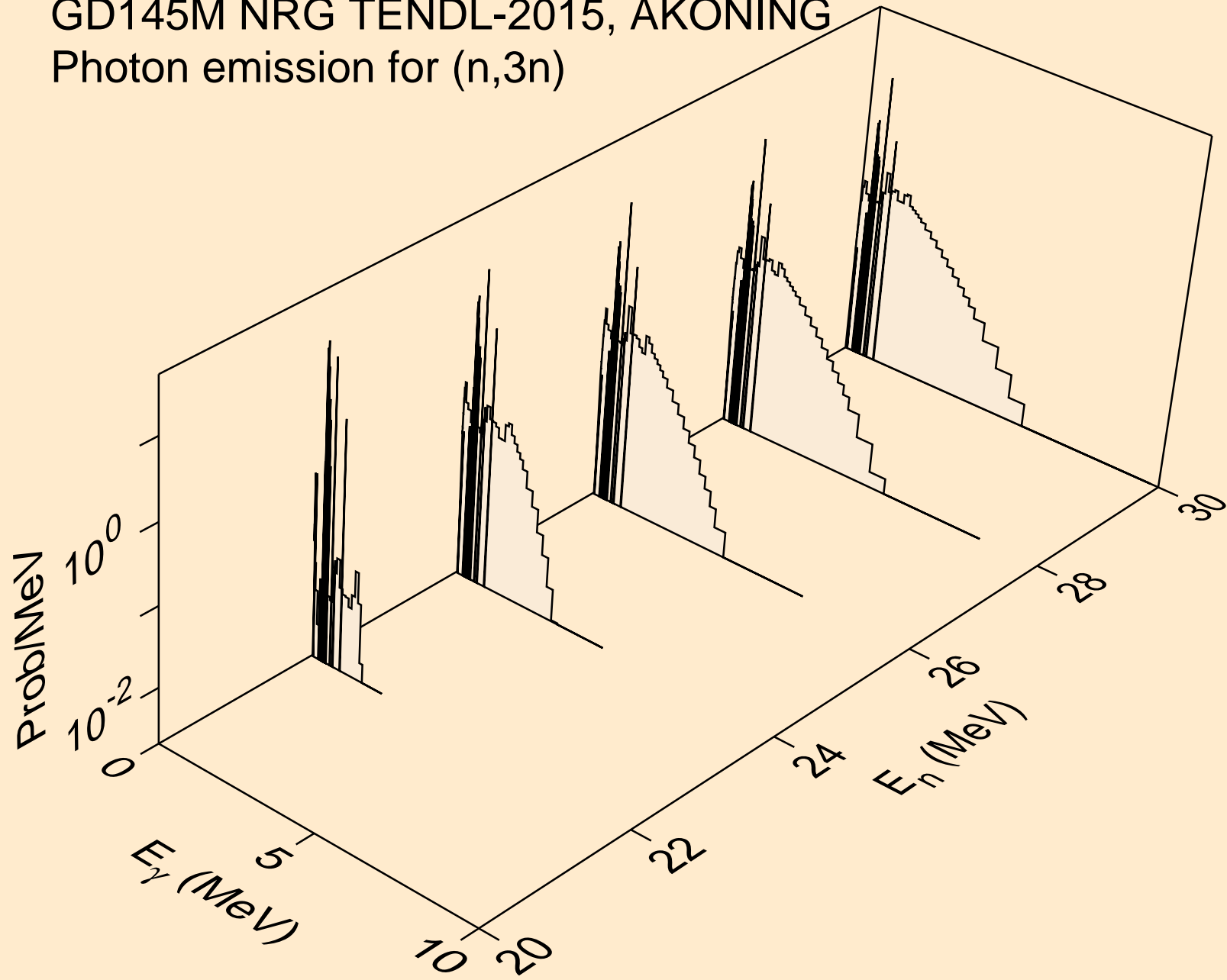
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



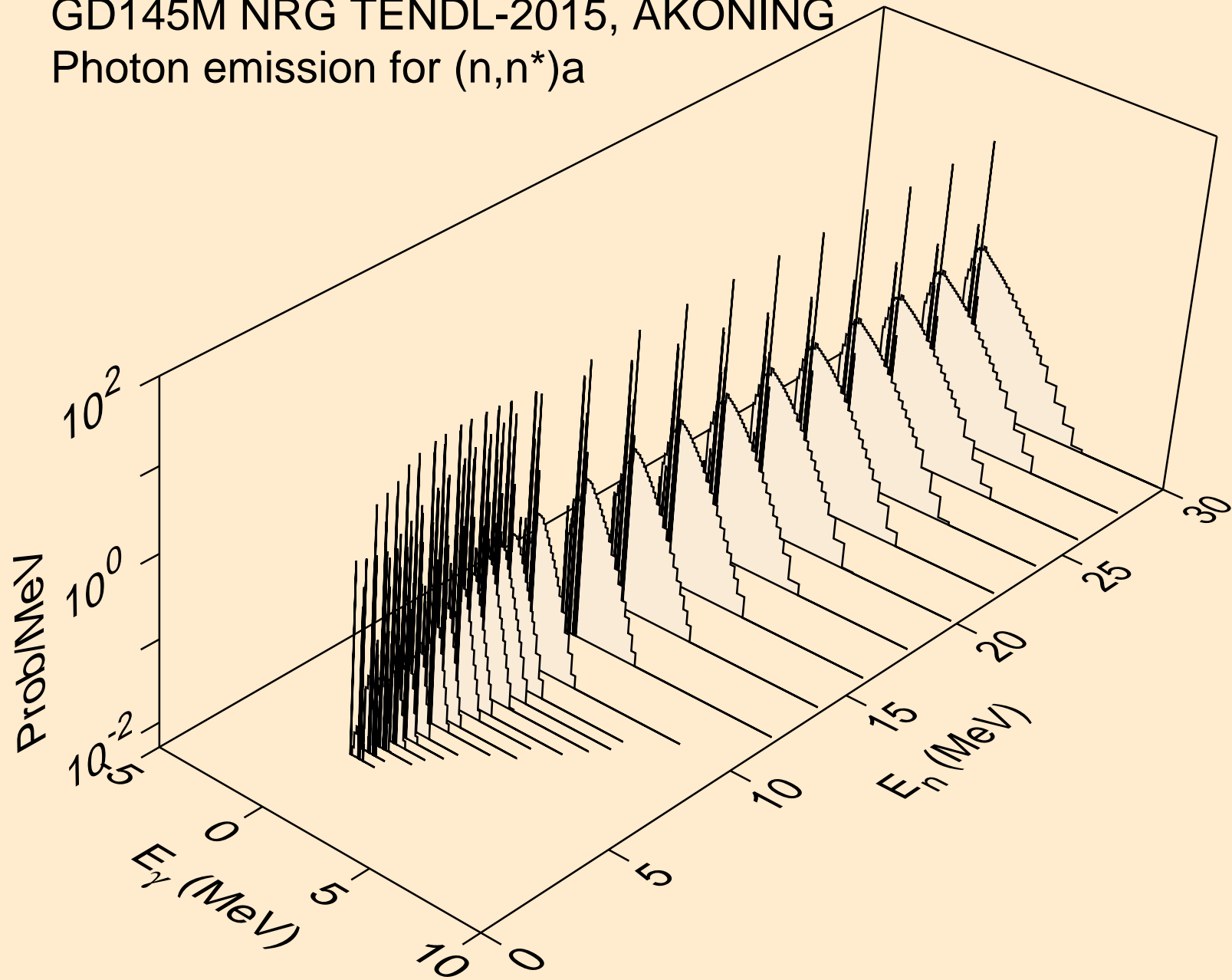
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



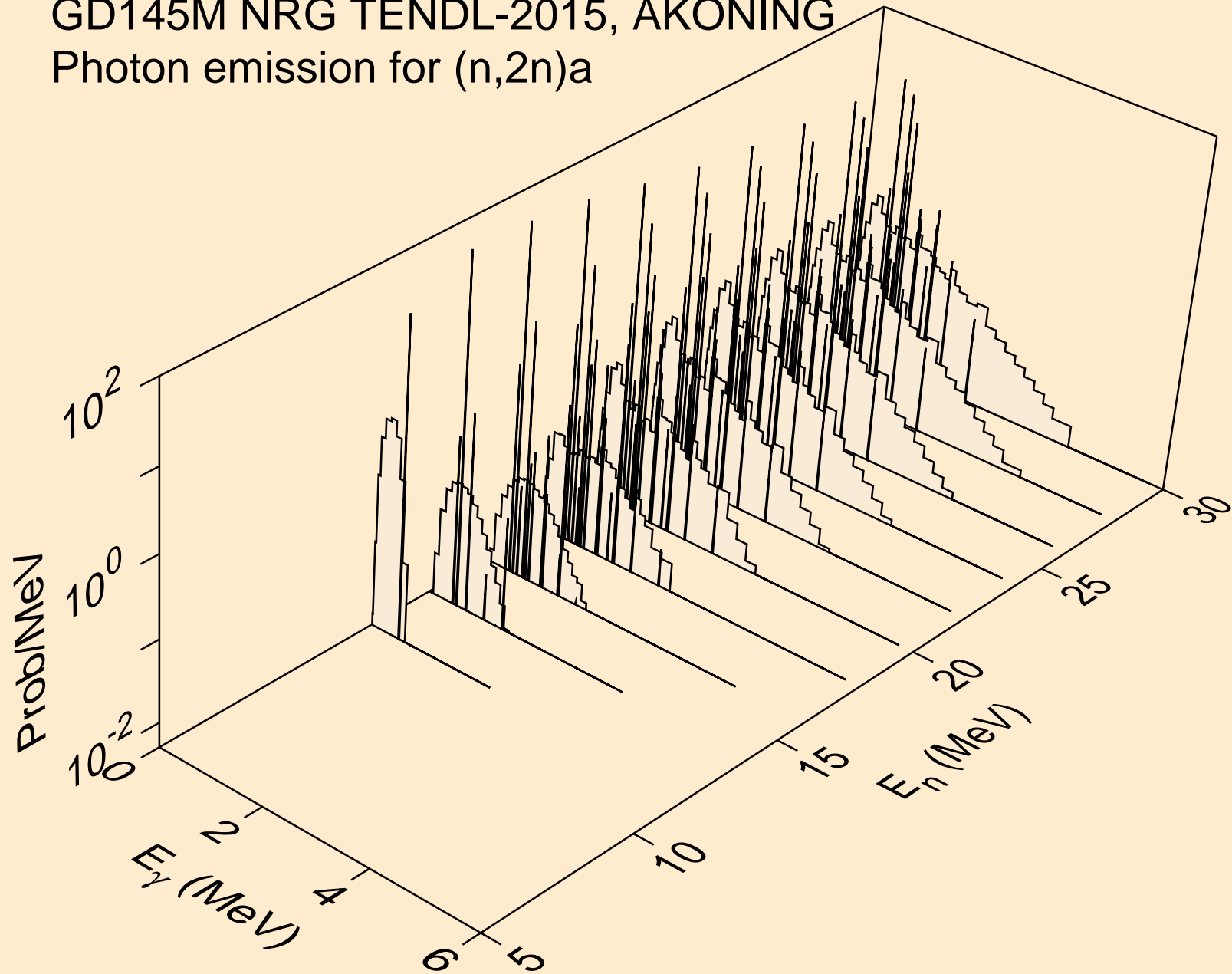
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



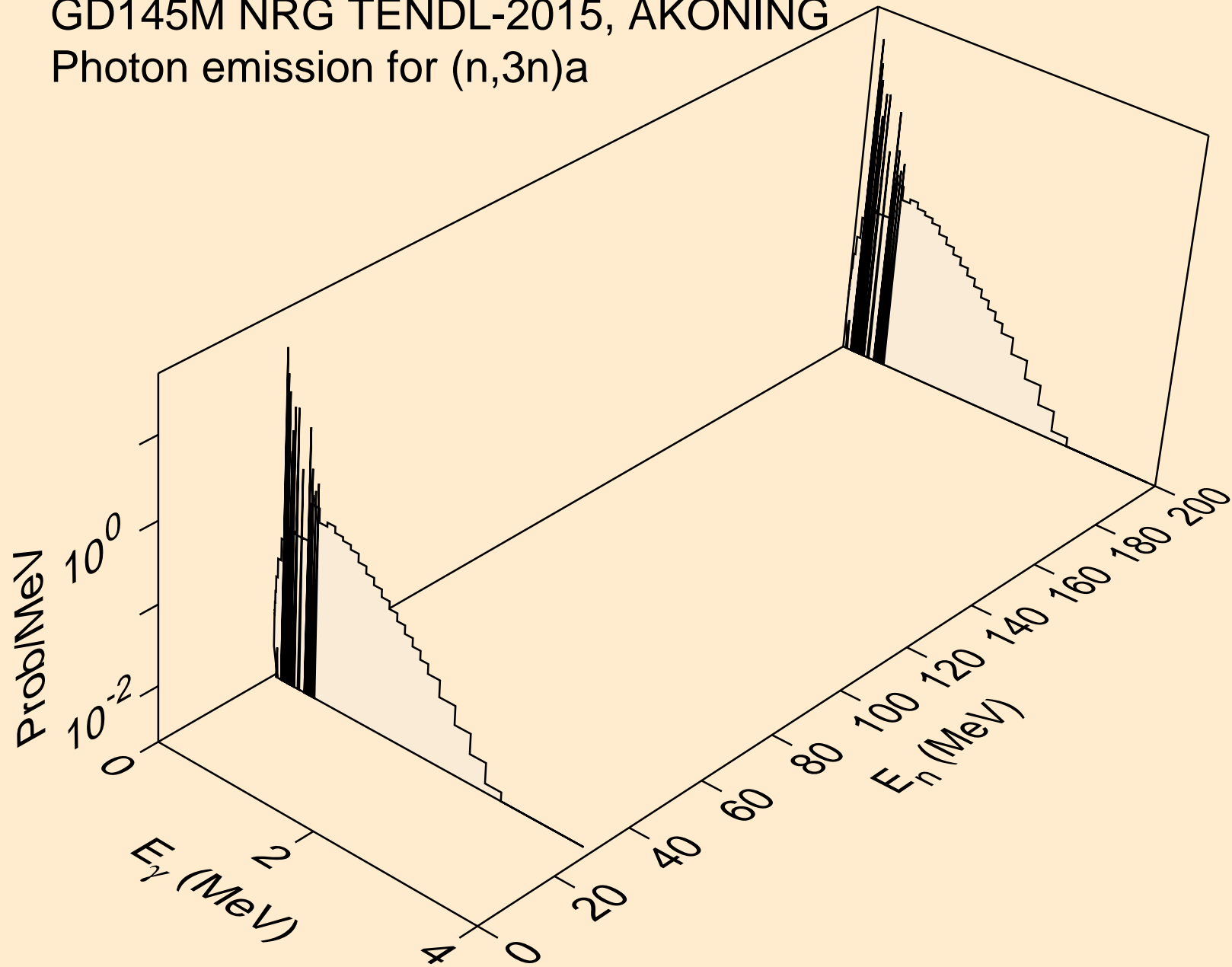
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



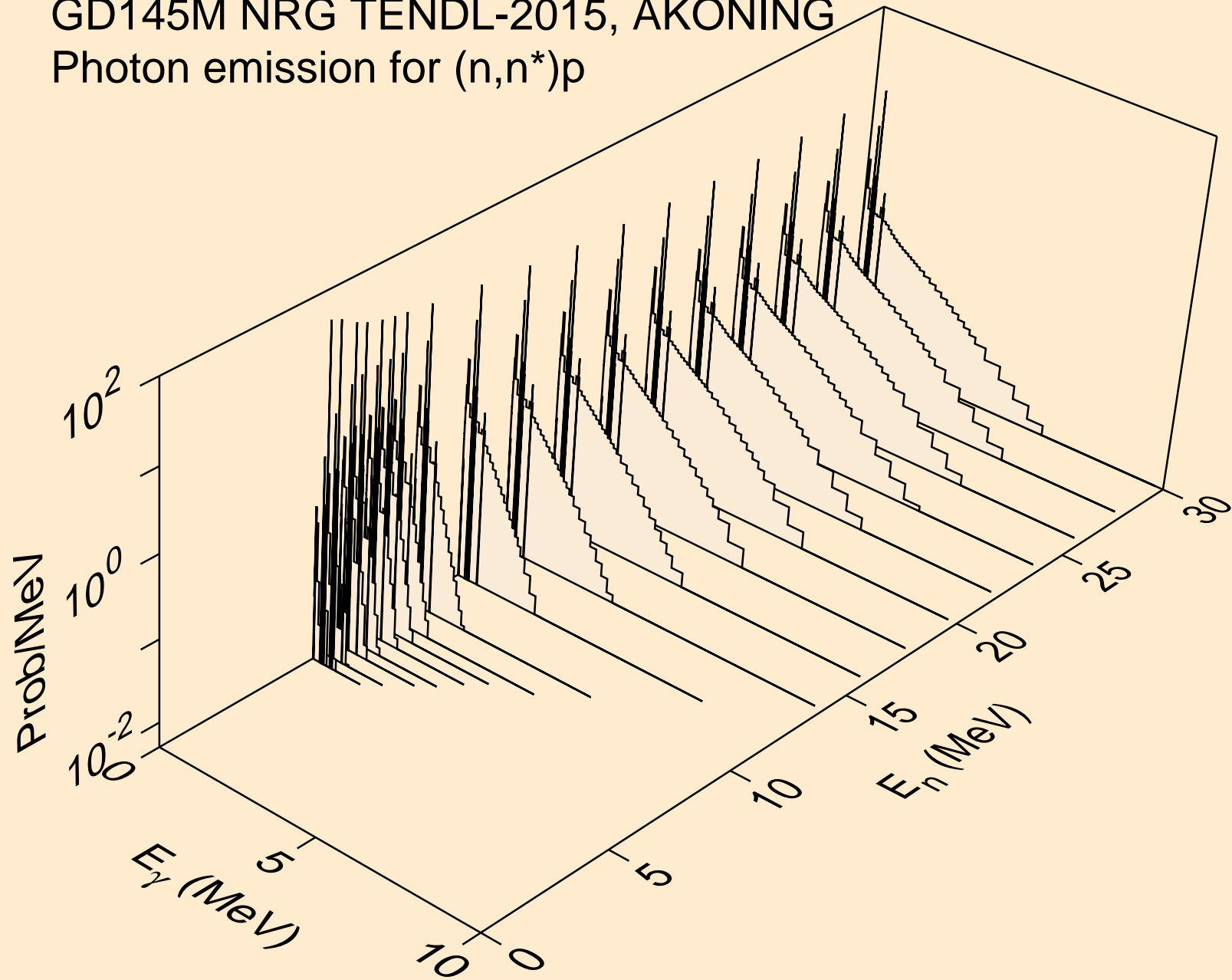
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

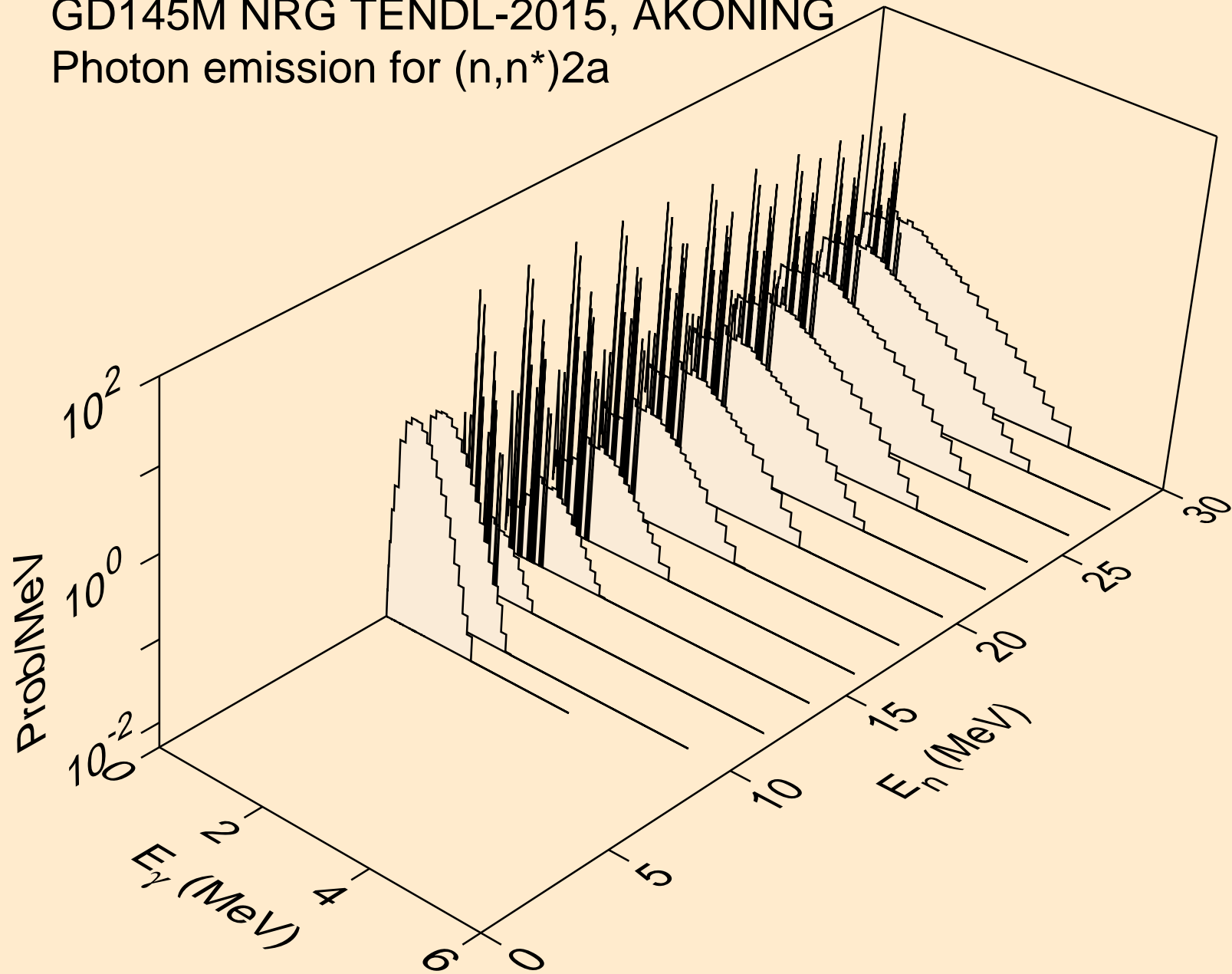


GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

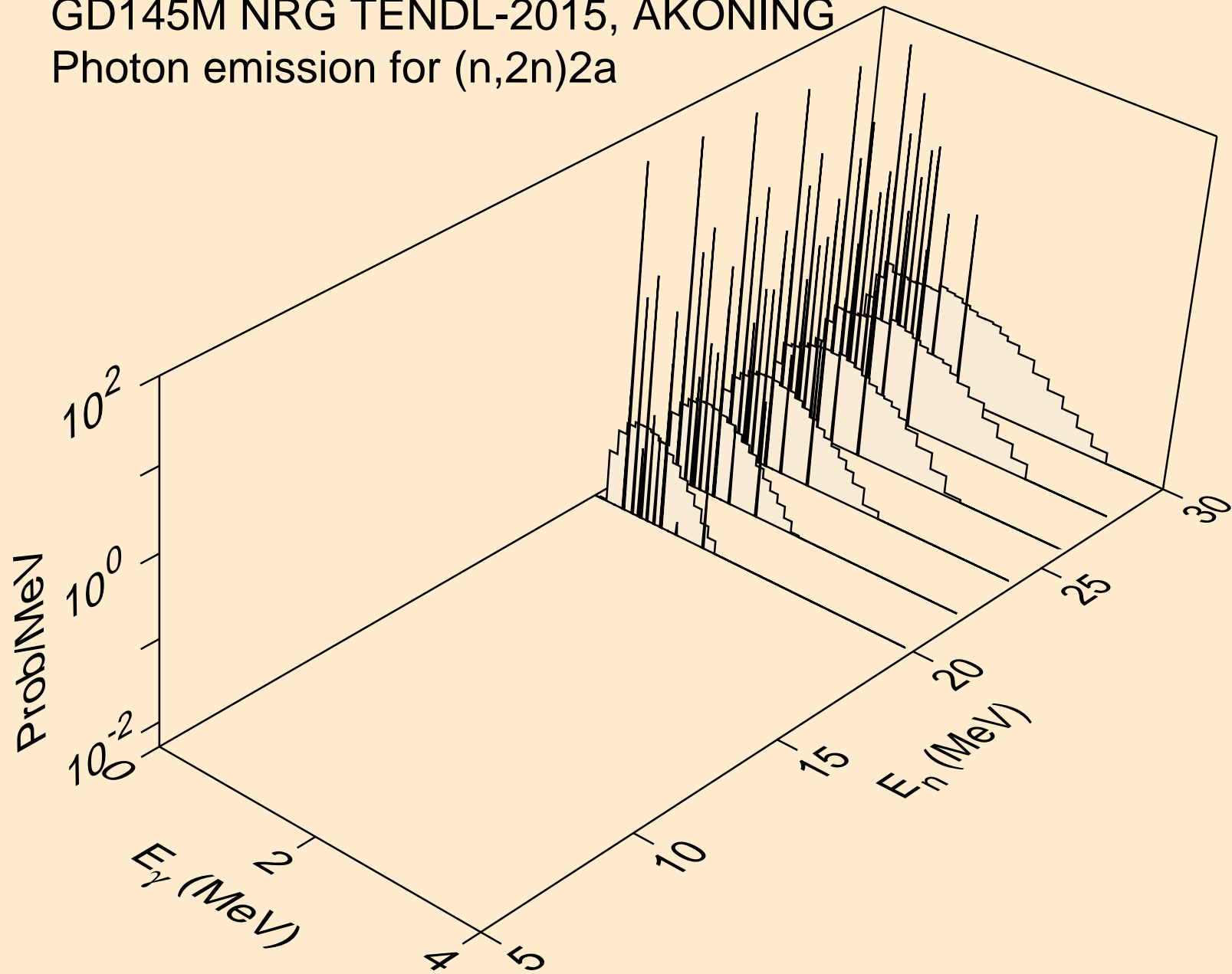




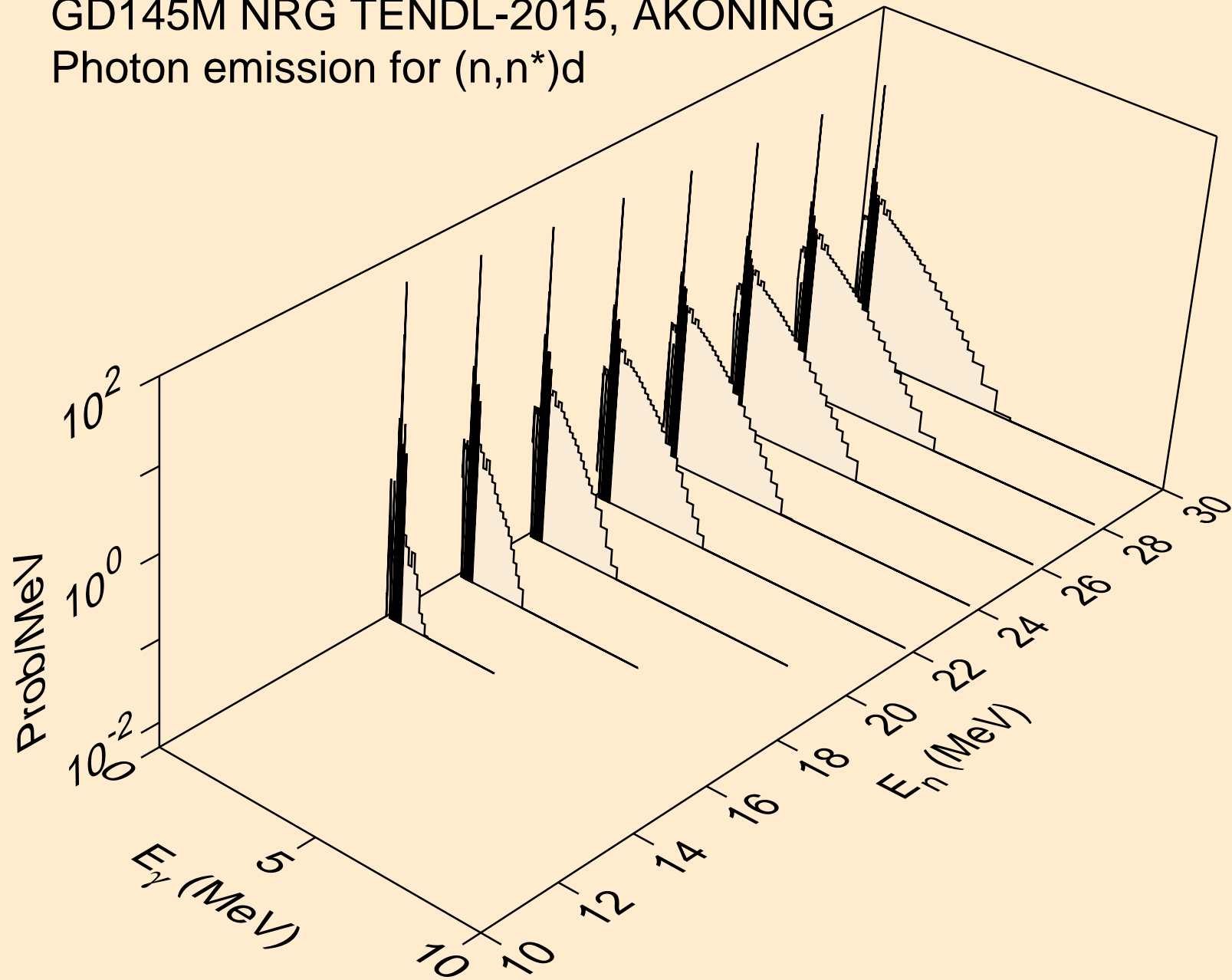
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



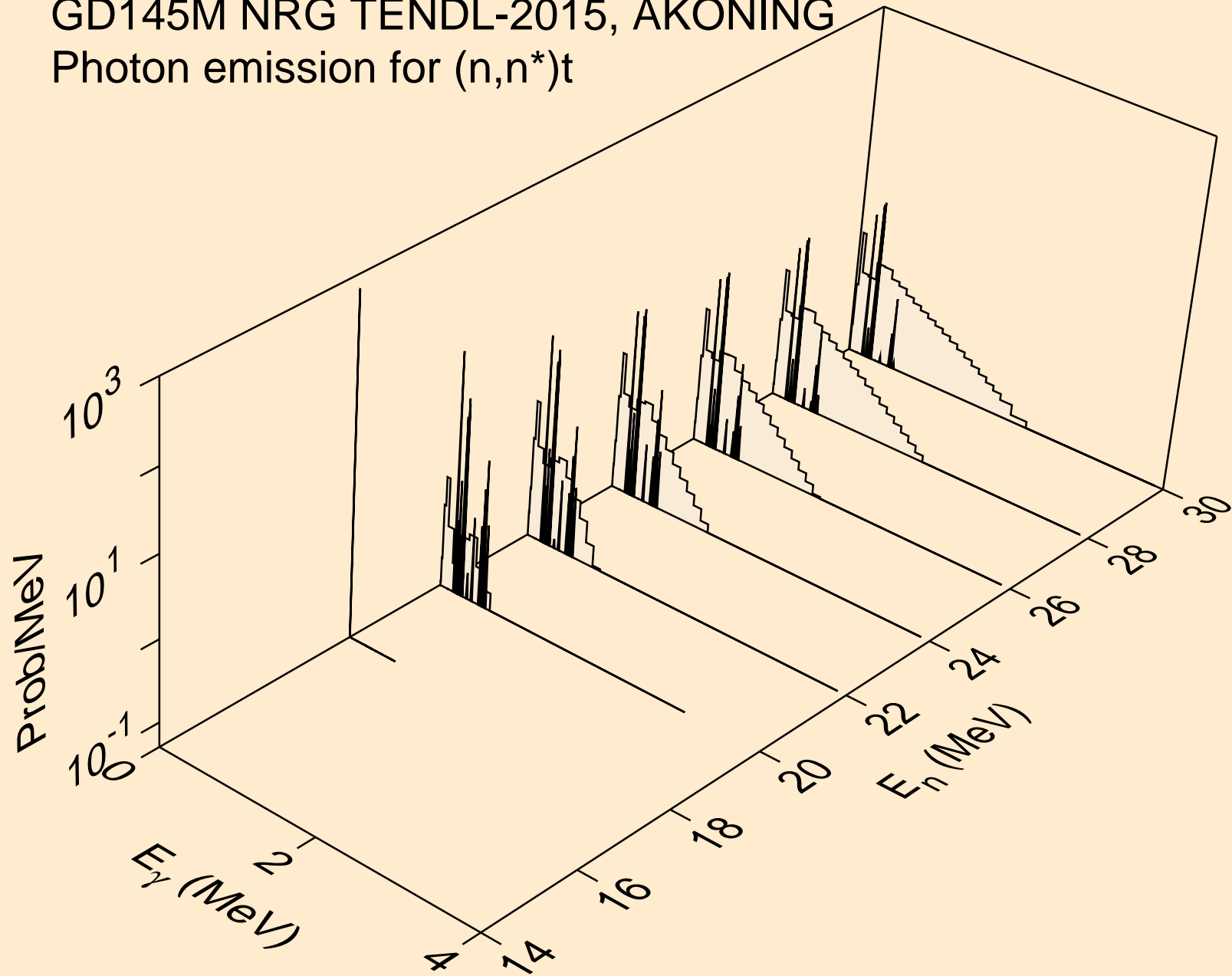
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



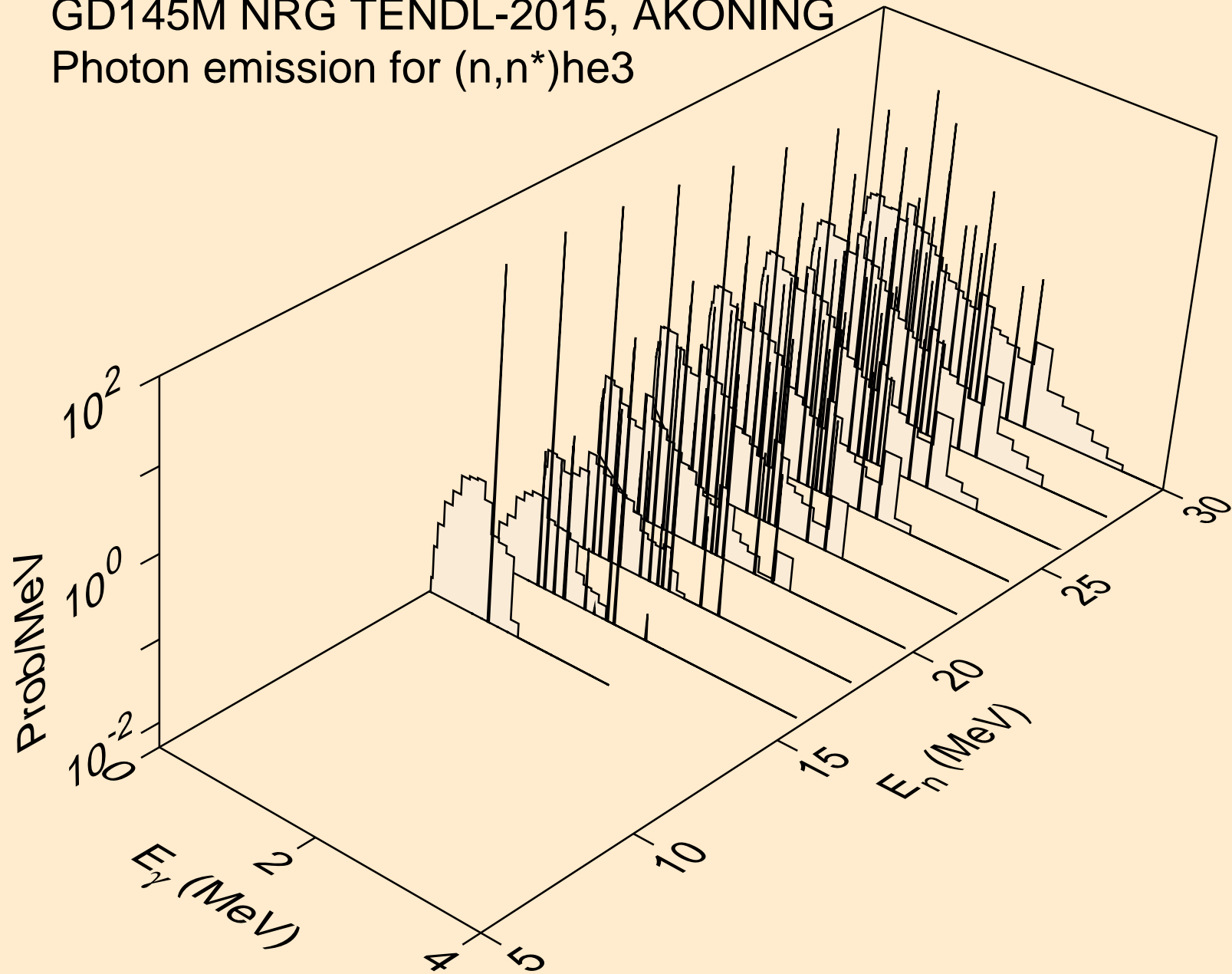
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



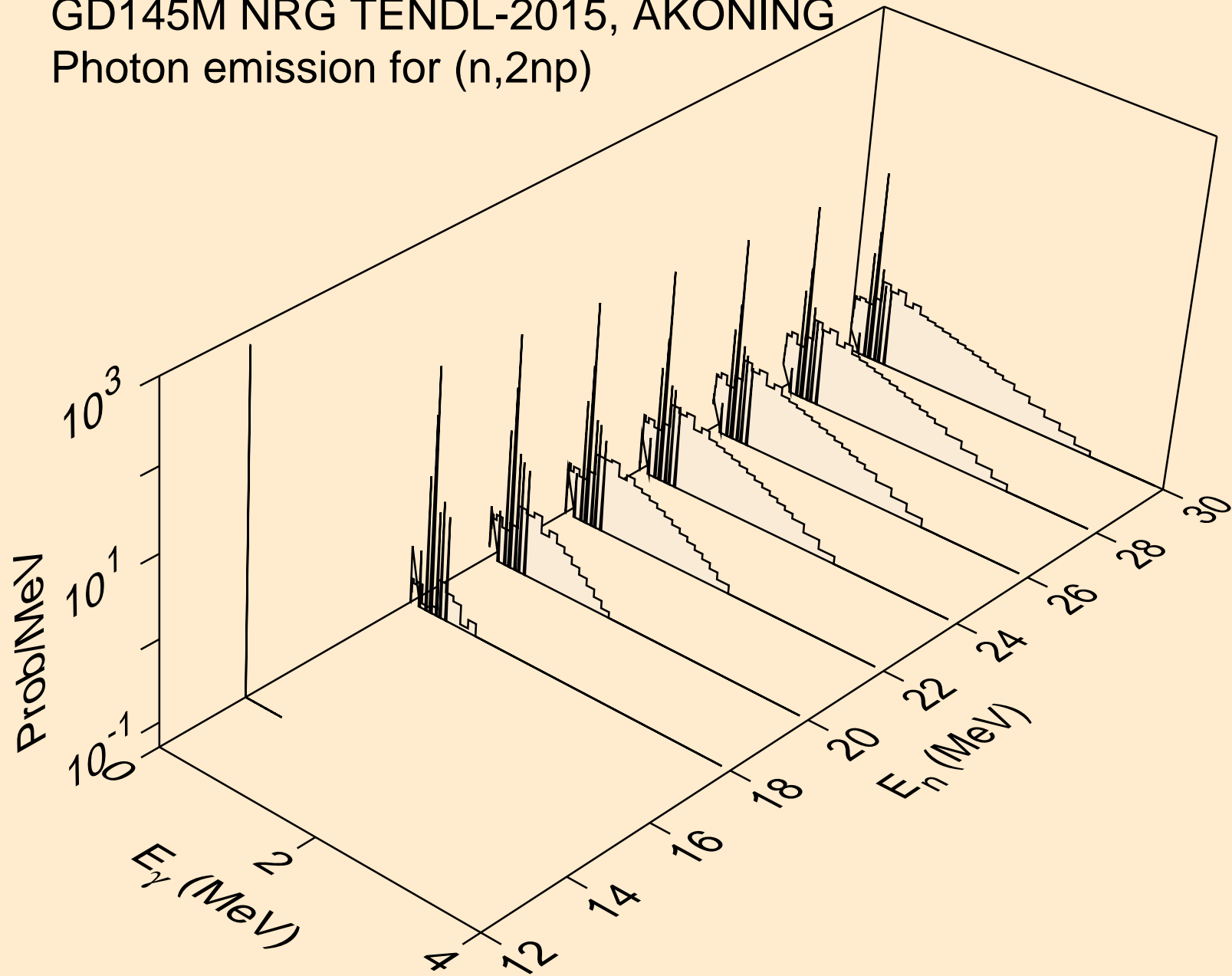
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



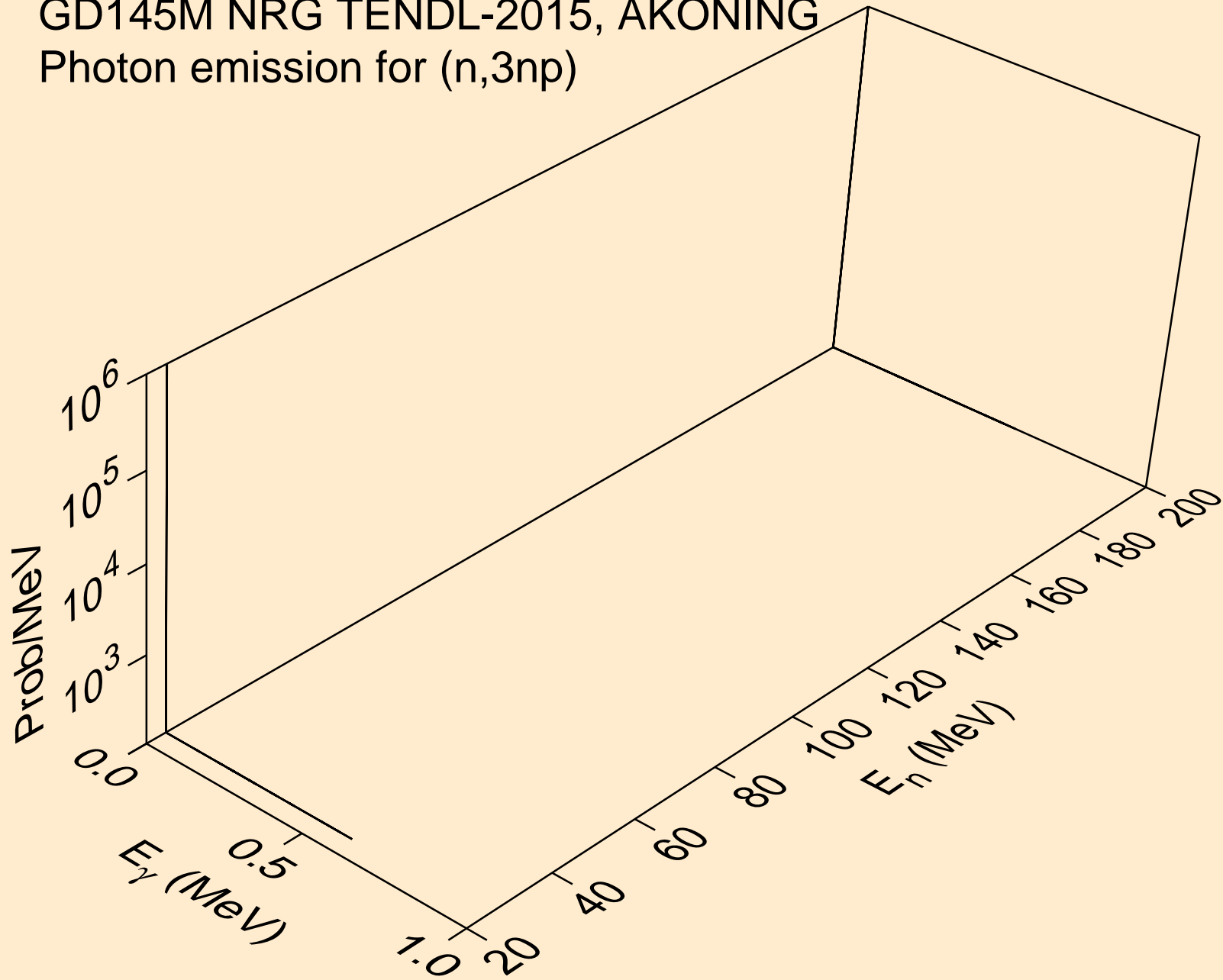
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



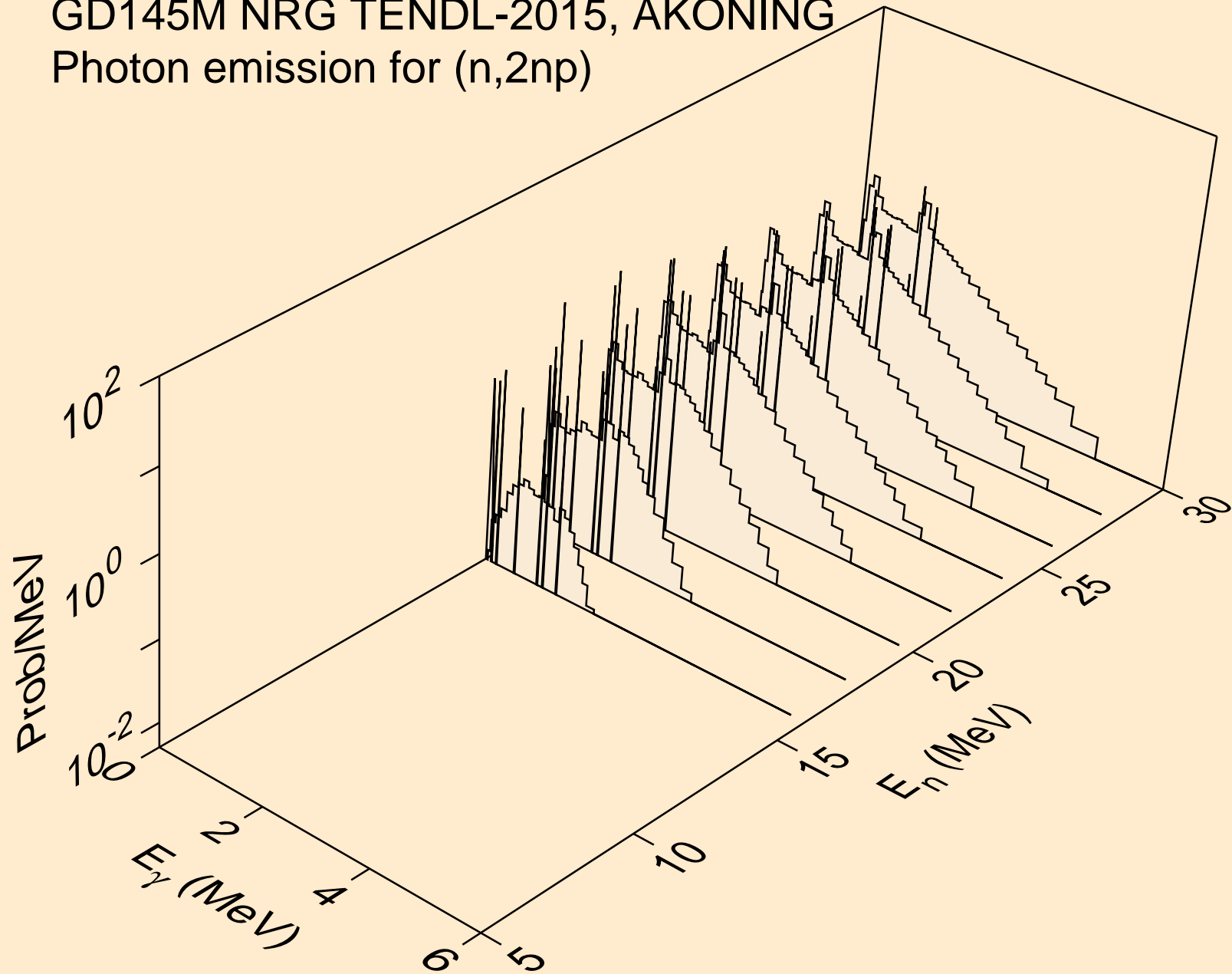
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

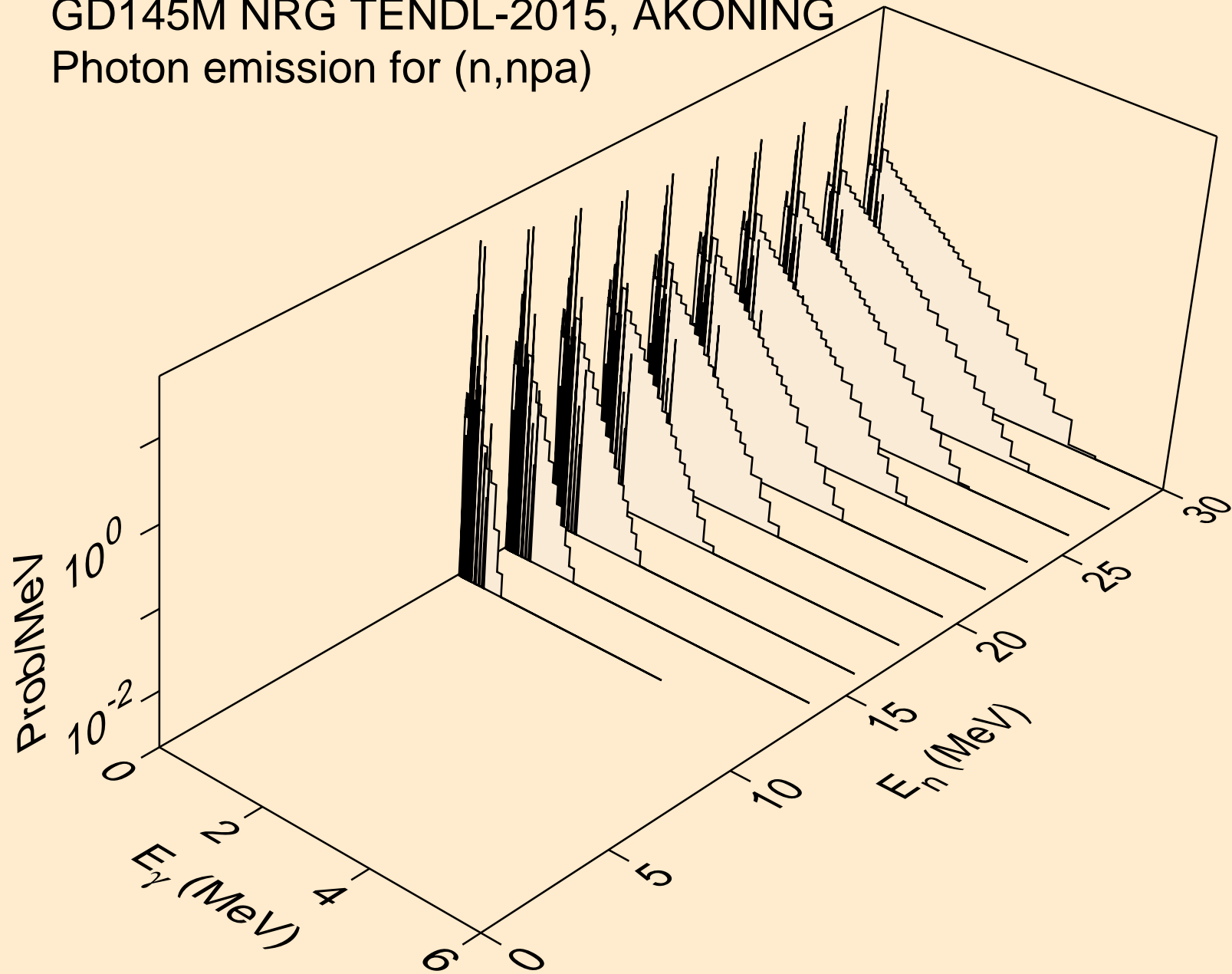


GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

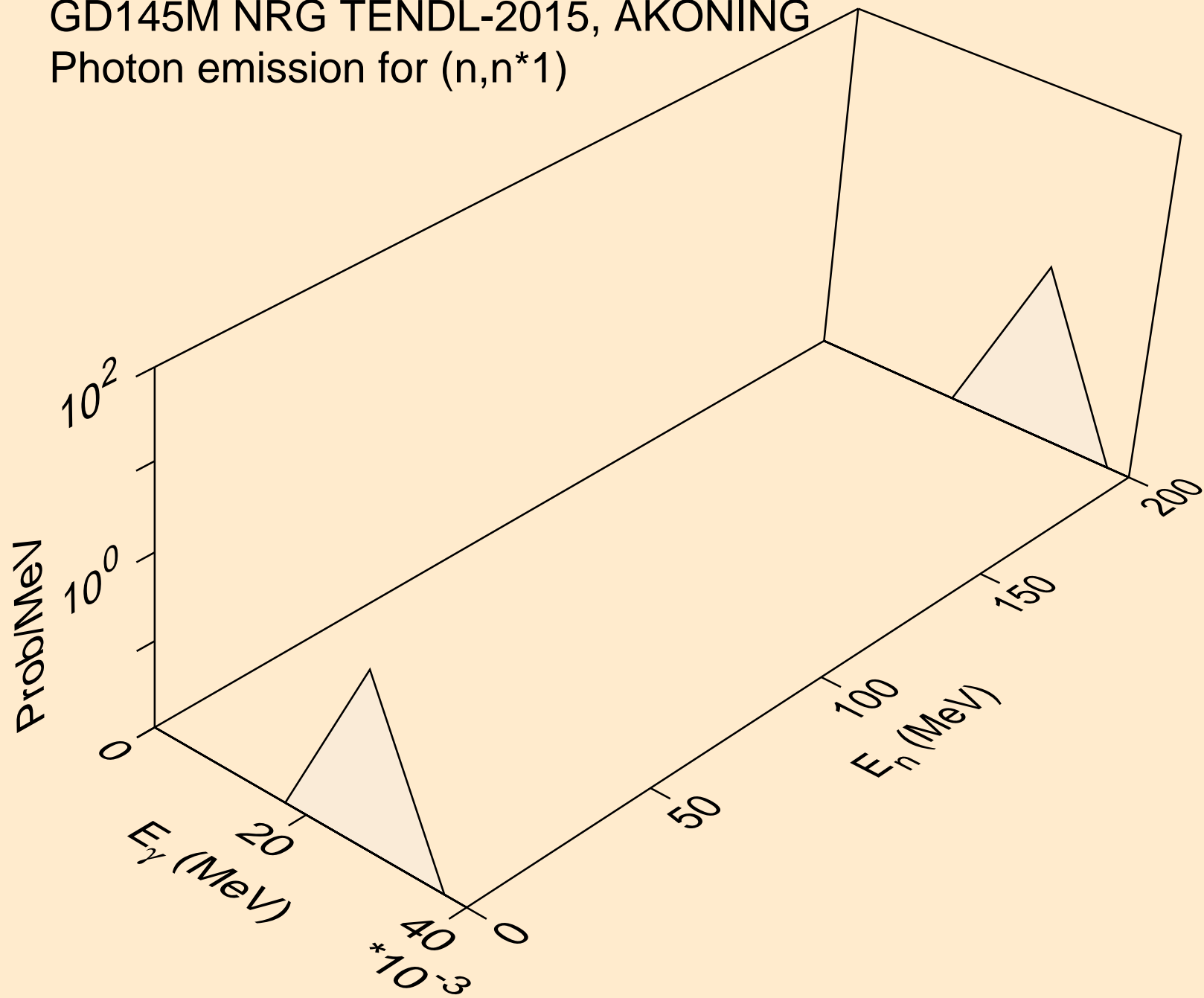




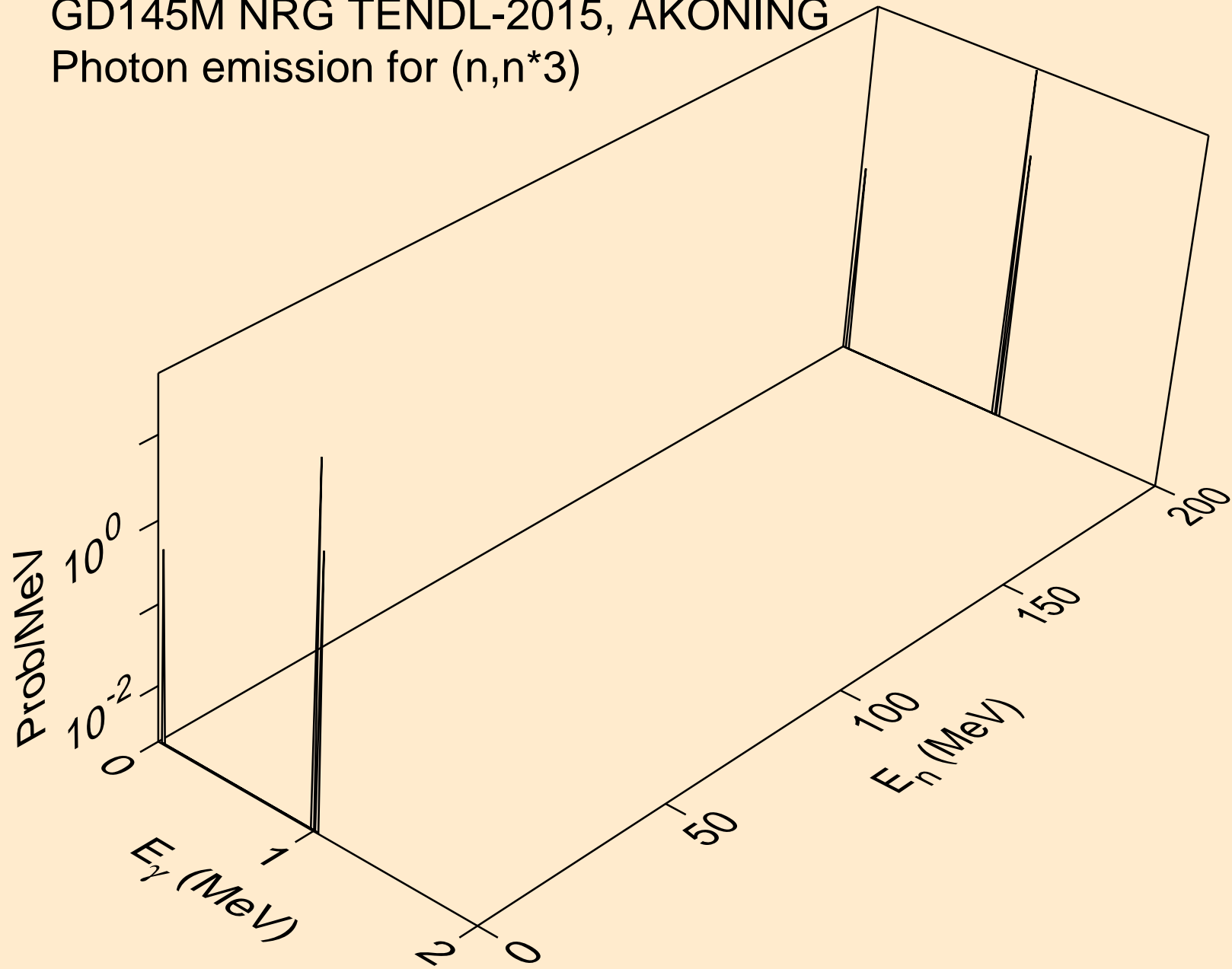
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Photon emission for (n,npa)



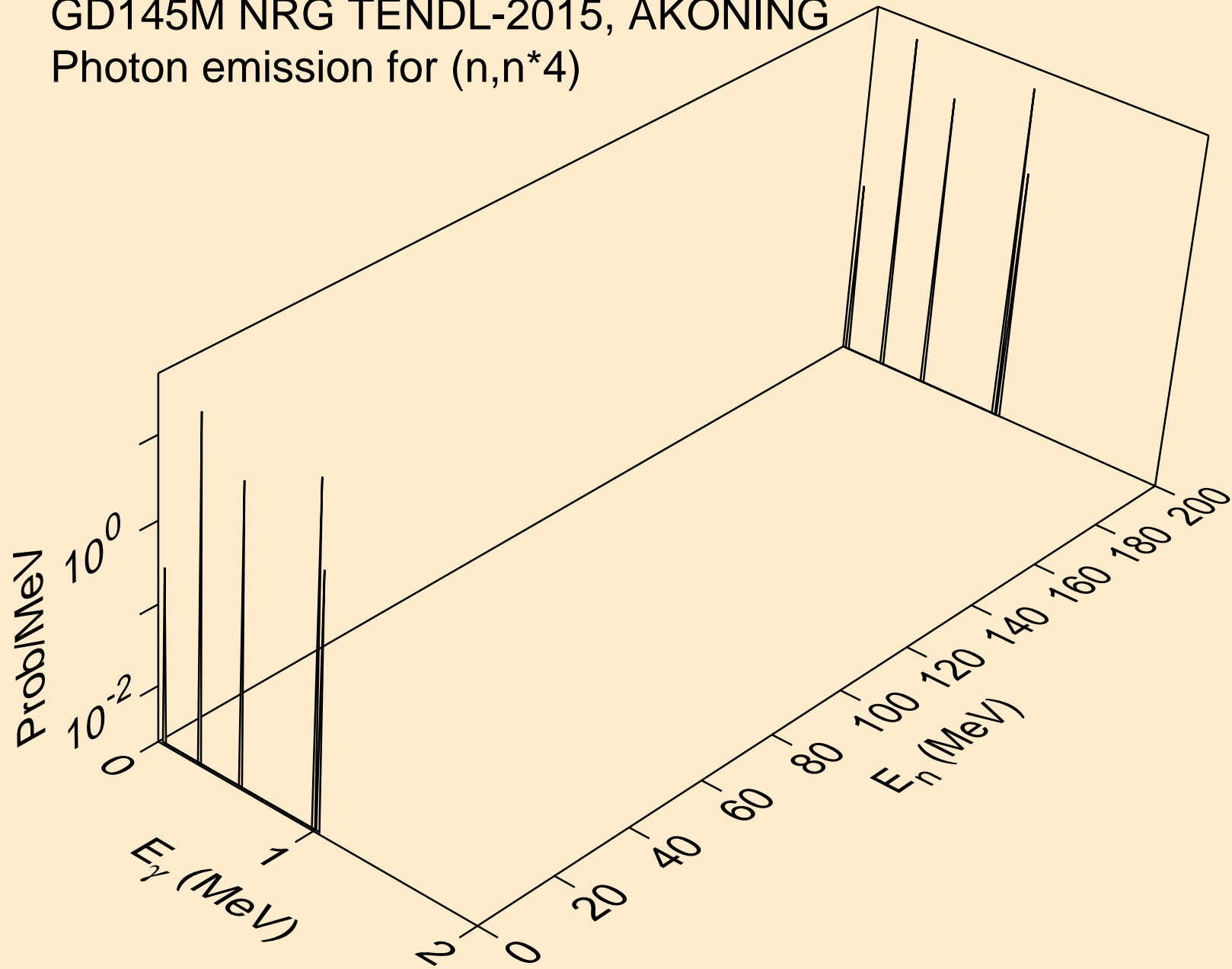
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Photon emission for (n,n\*1)



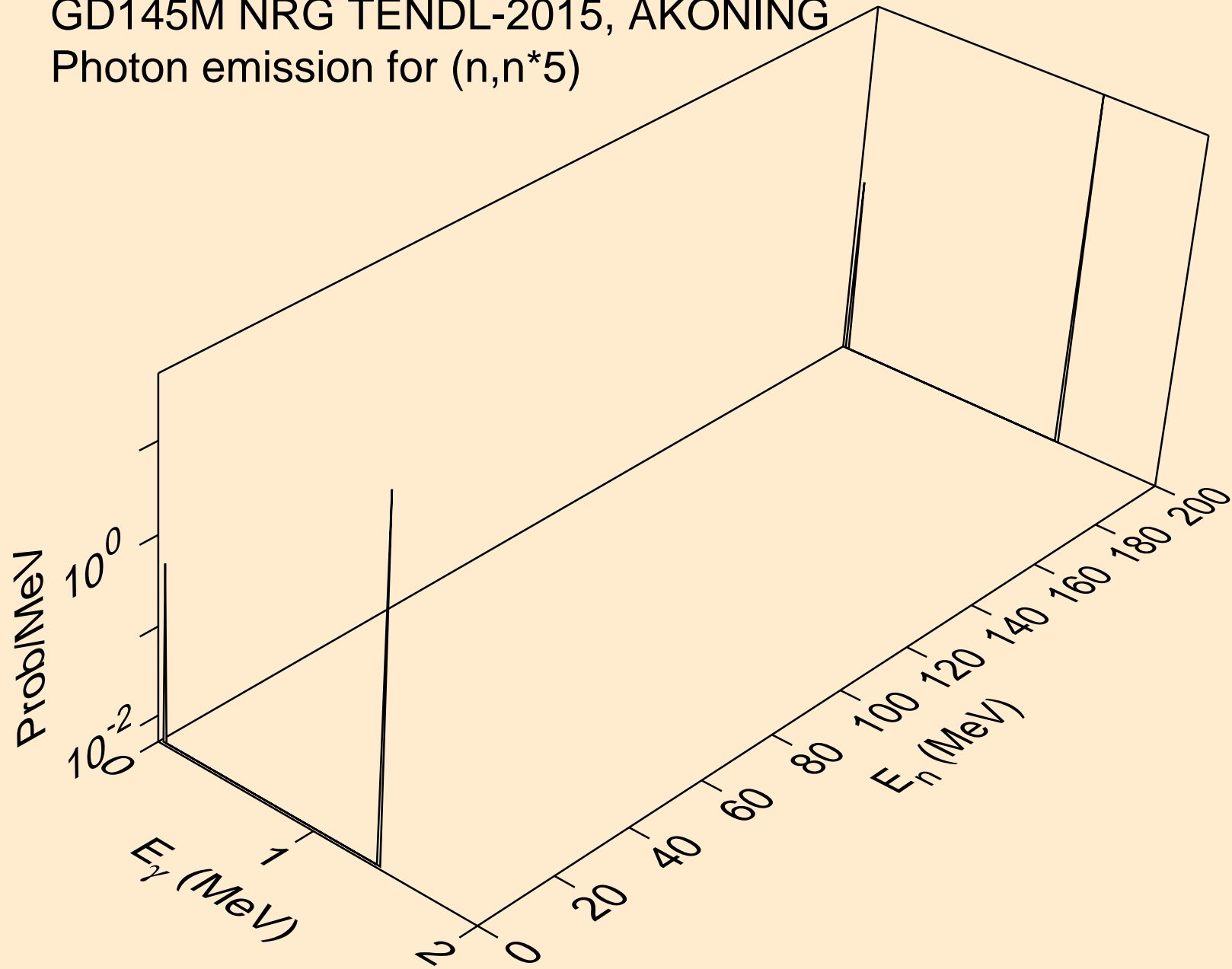
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



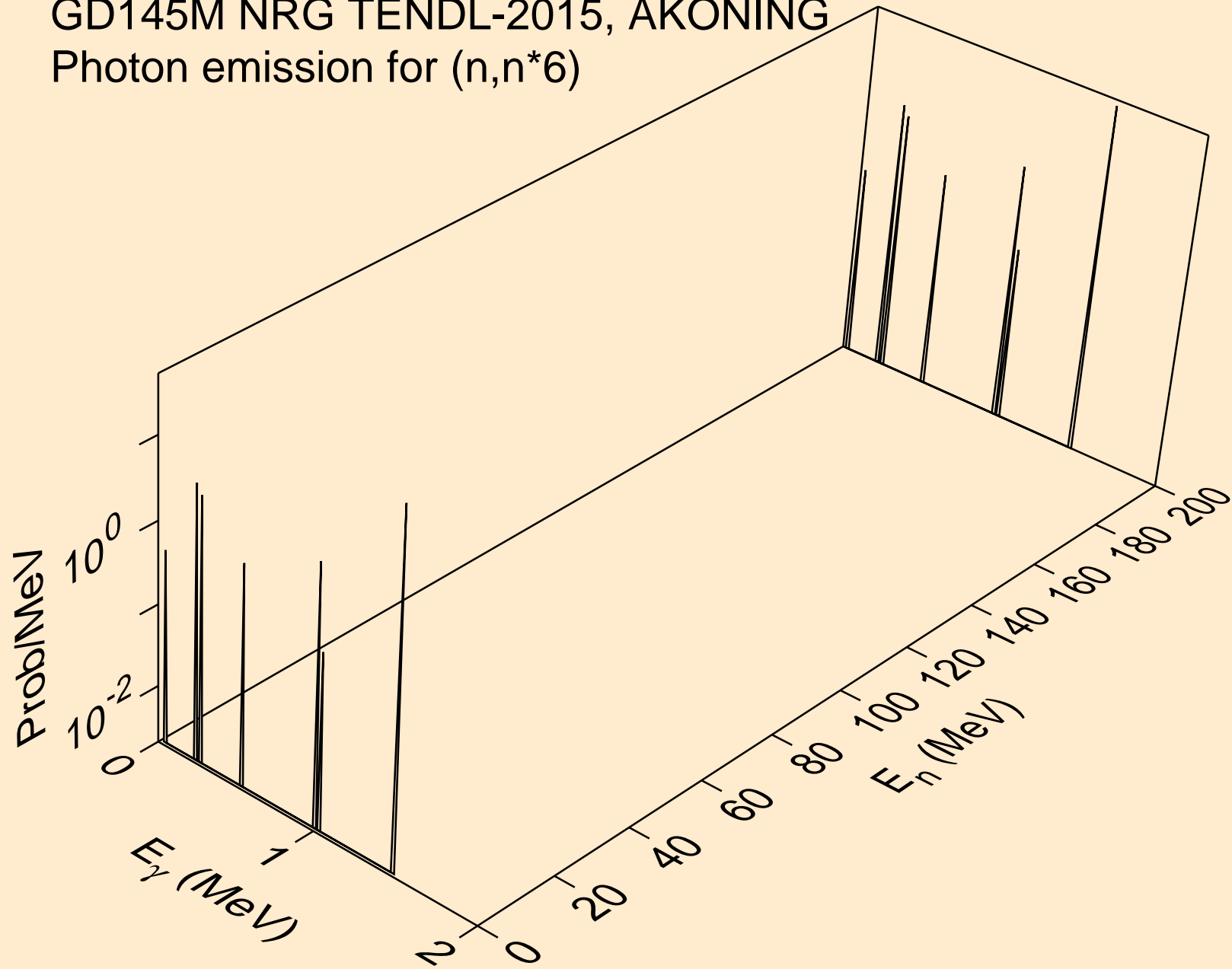
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Photon emission for (n,n\*4)



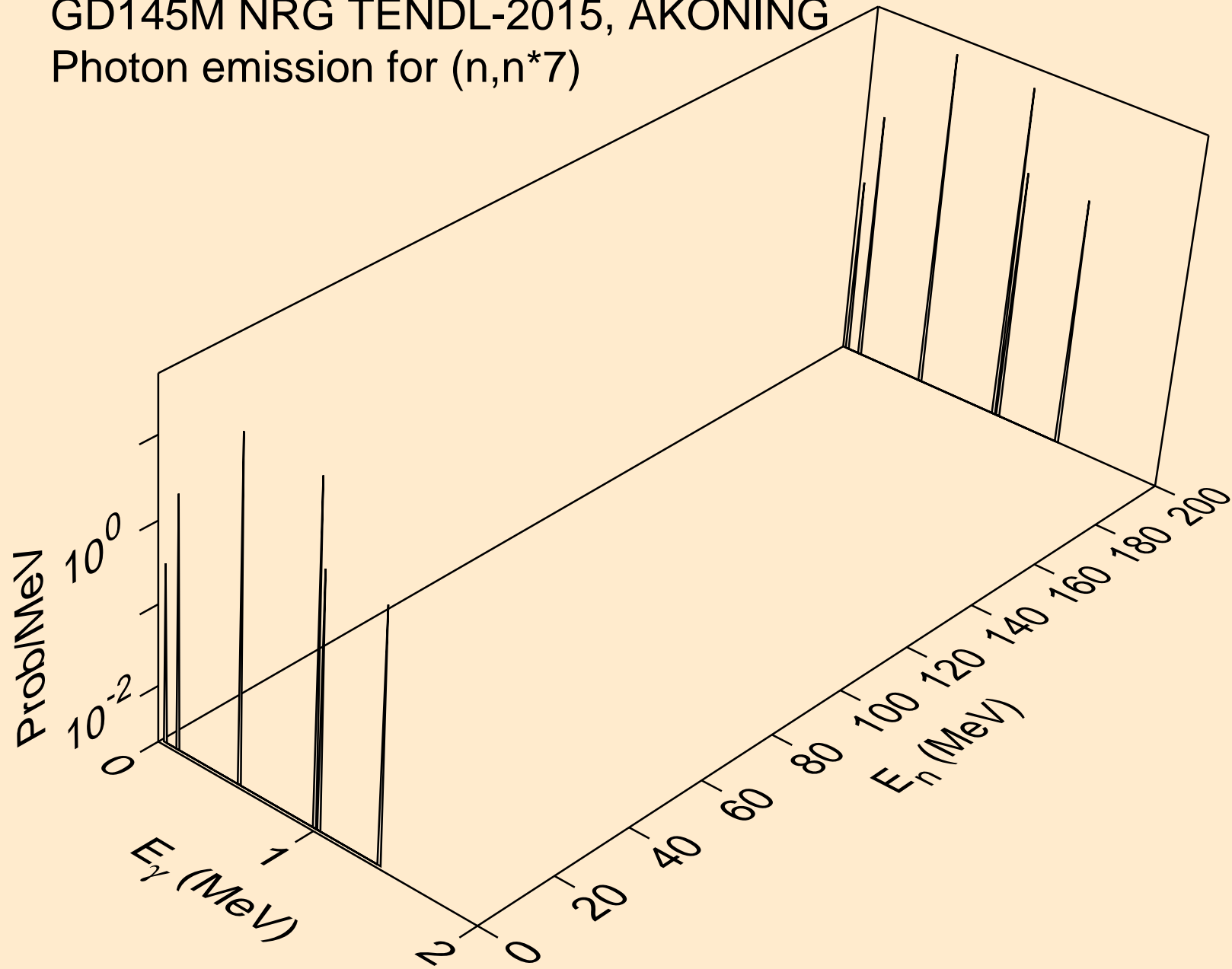
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Photon emission for (n,n\*5)



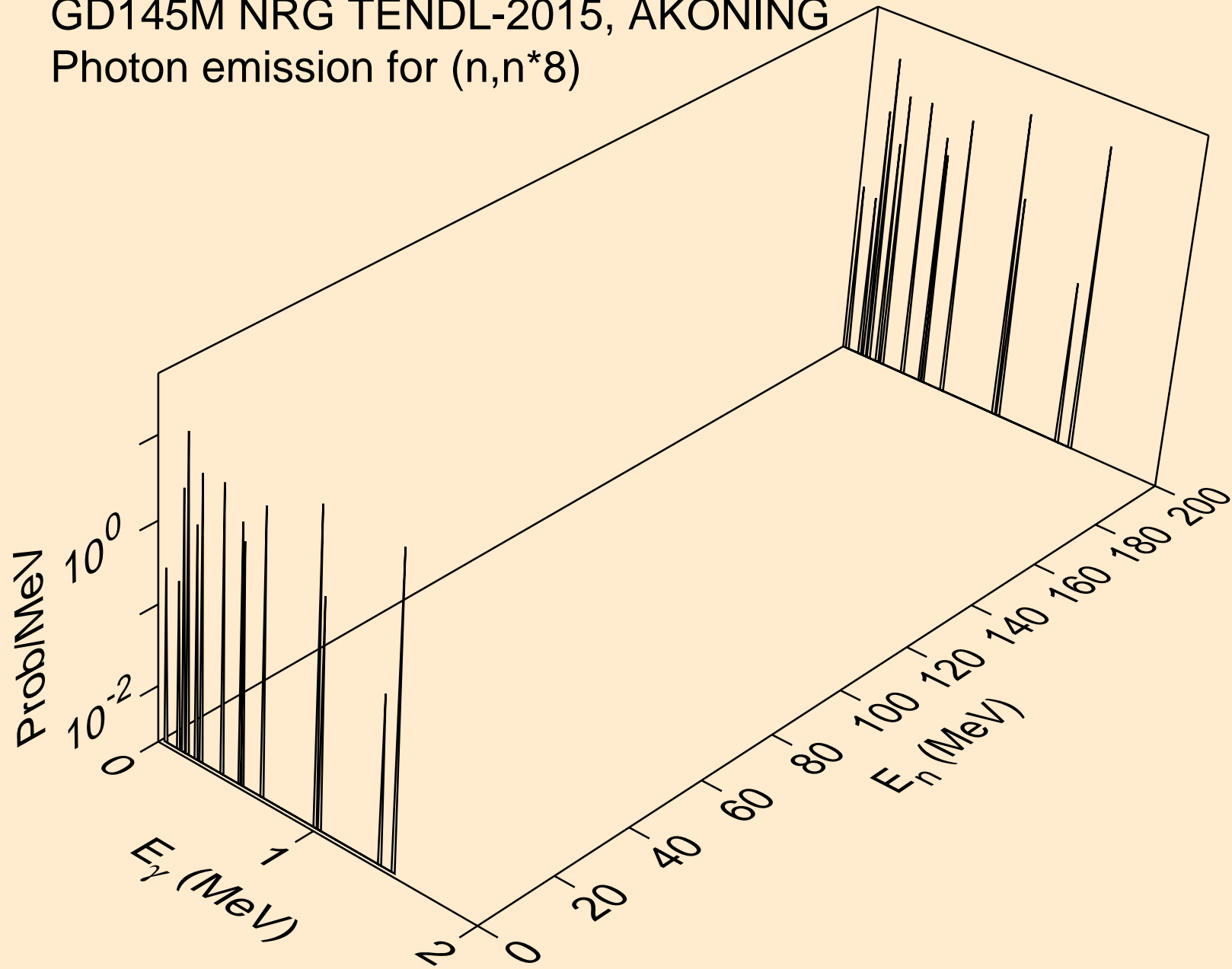
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Photon emission for (n,n\*6)



GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)

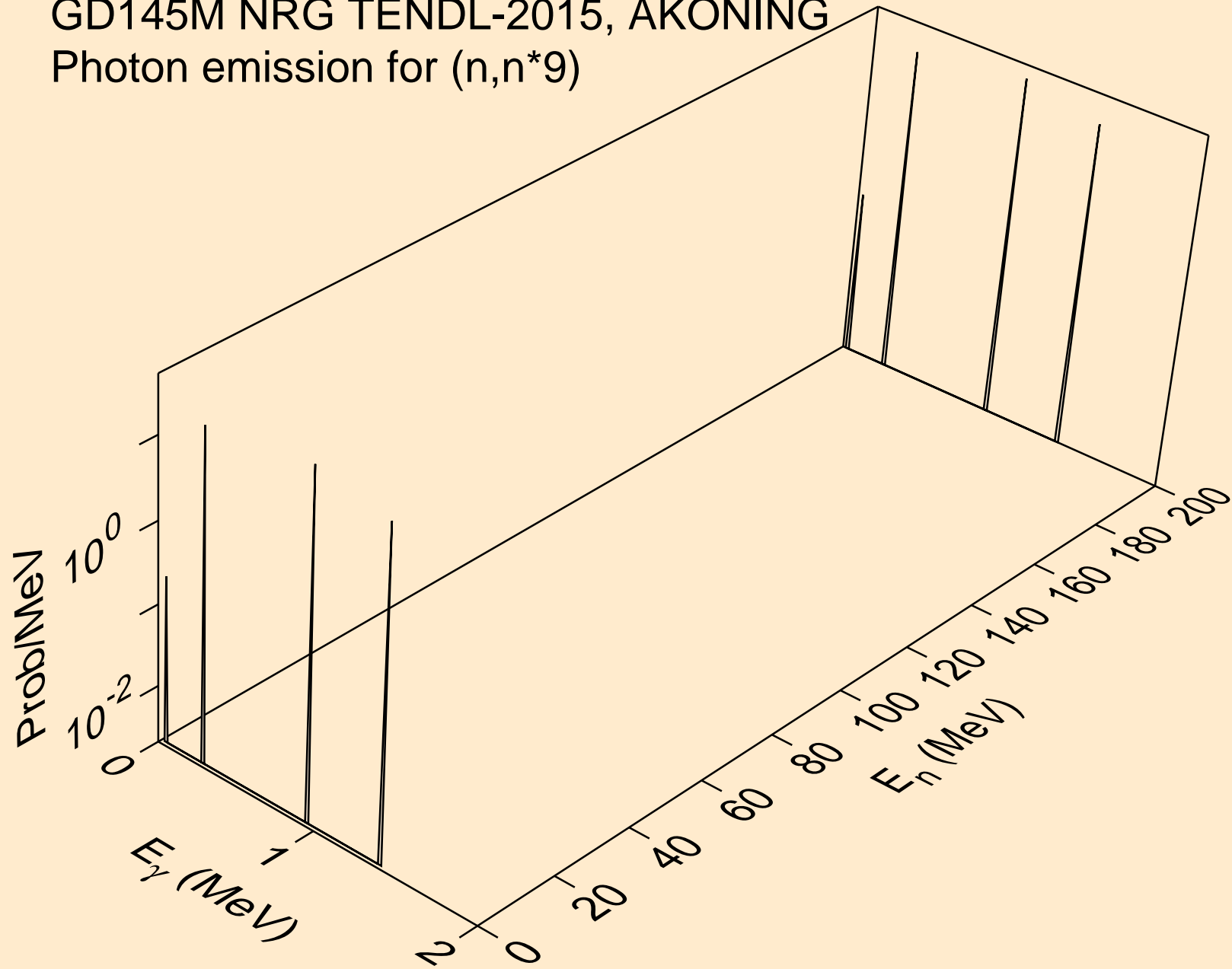


GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)

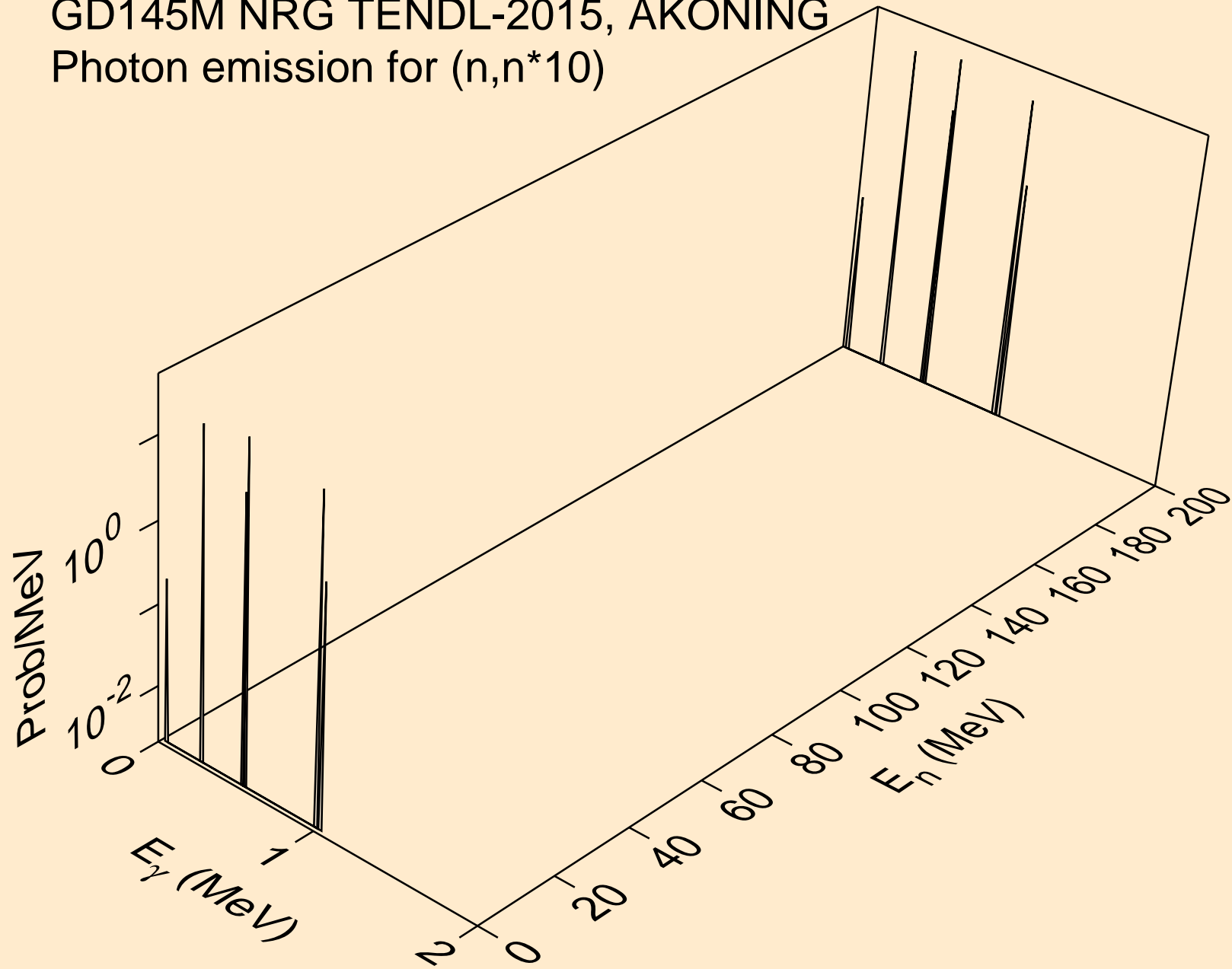




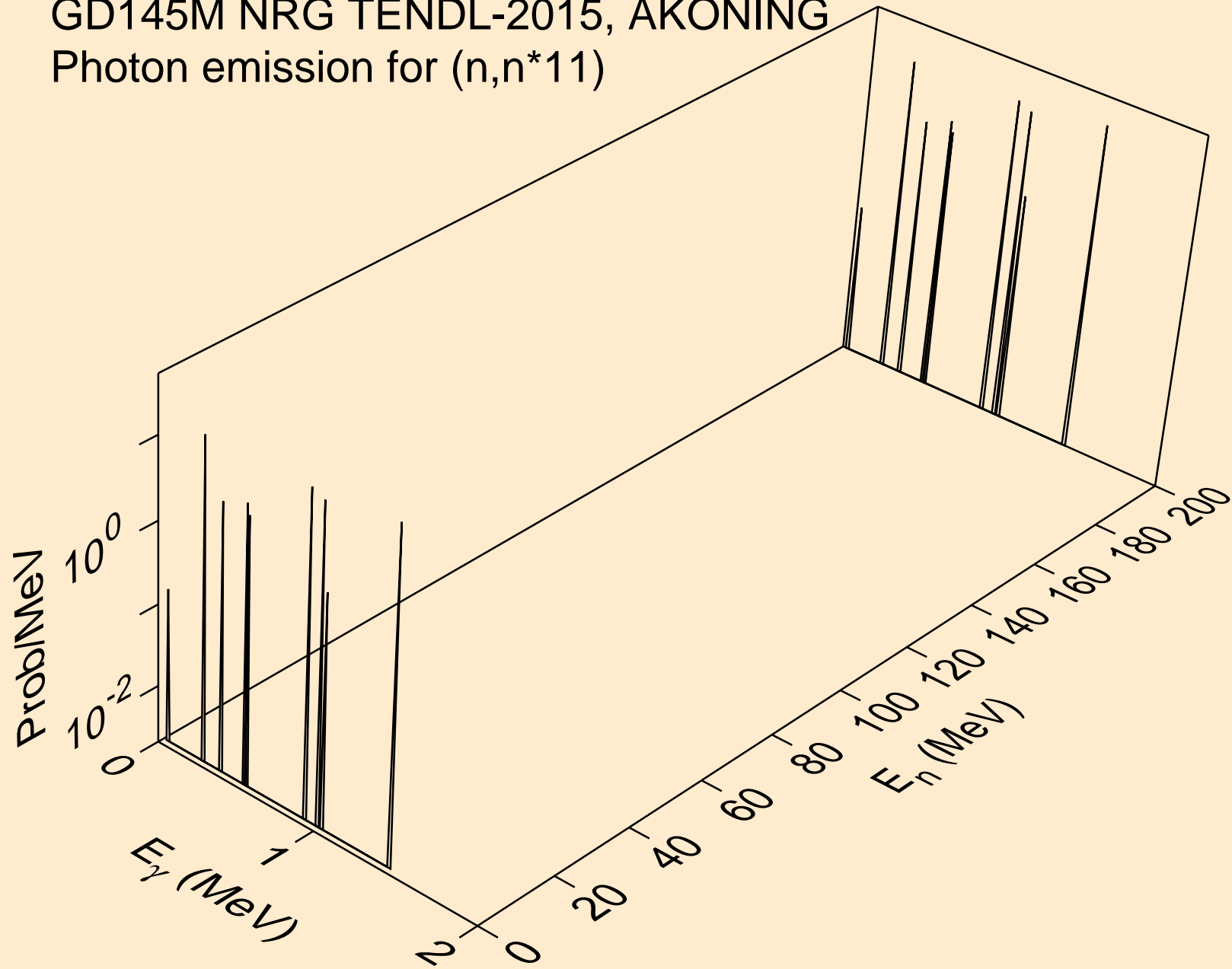
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Photon emission for (n,n\*9)



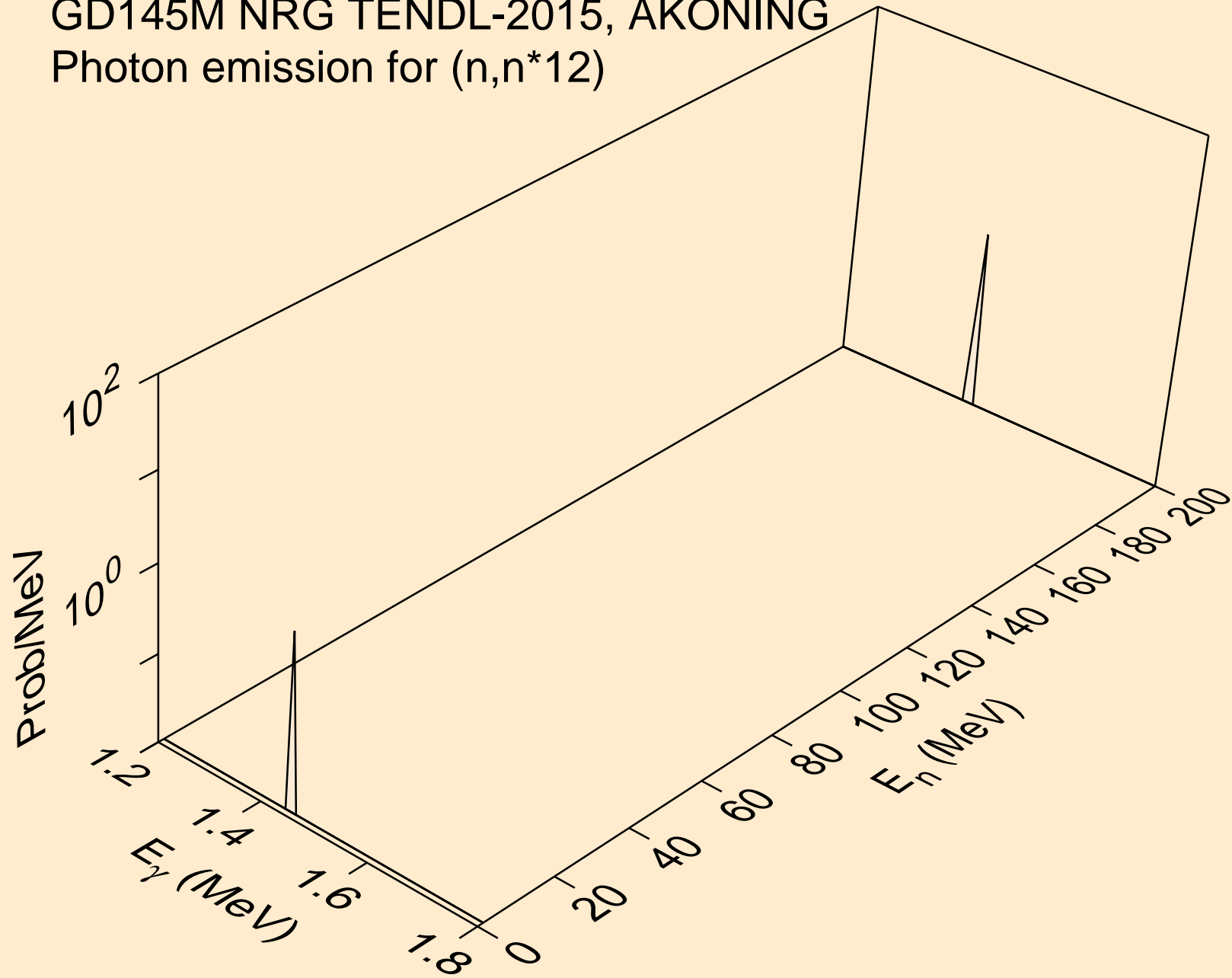
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Photon emission for (n,n\*10)



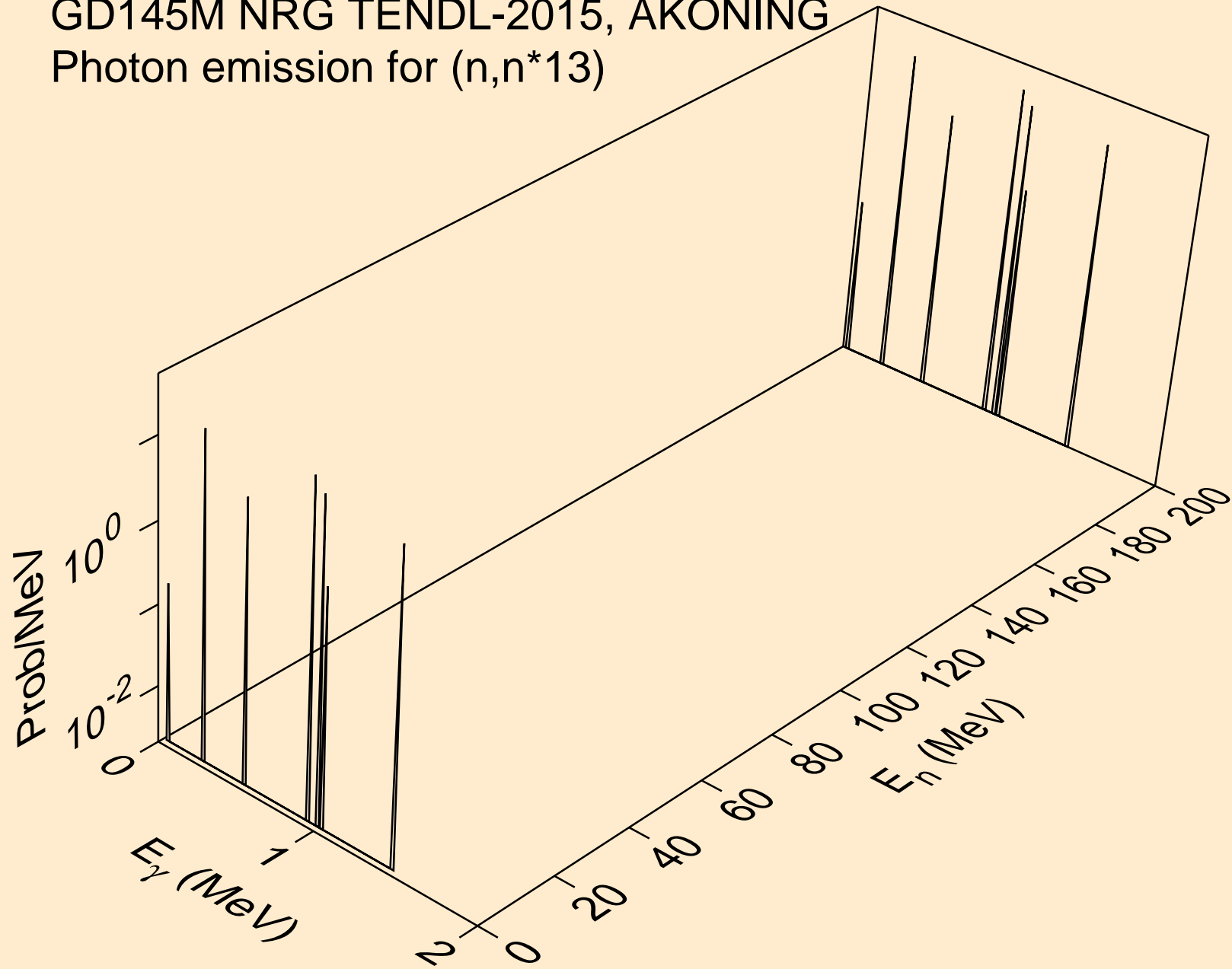
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Photon emission for (n,n\*11)



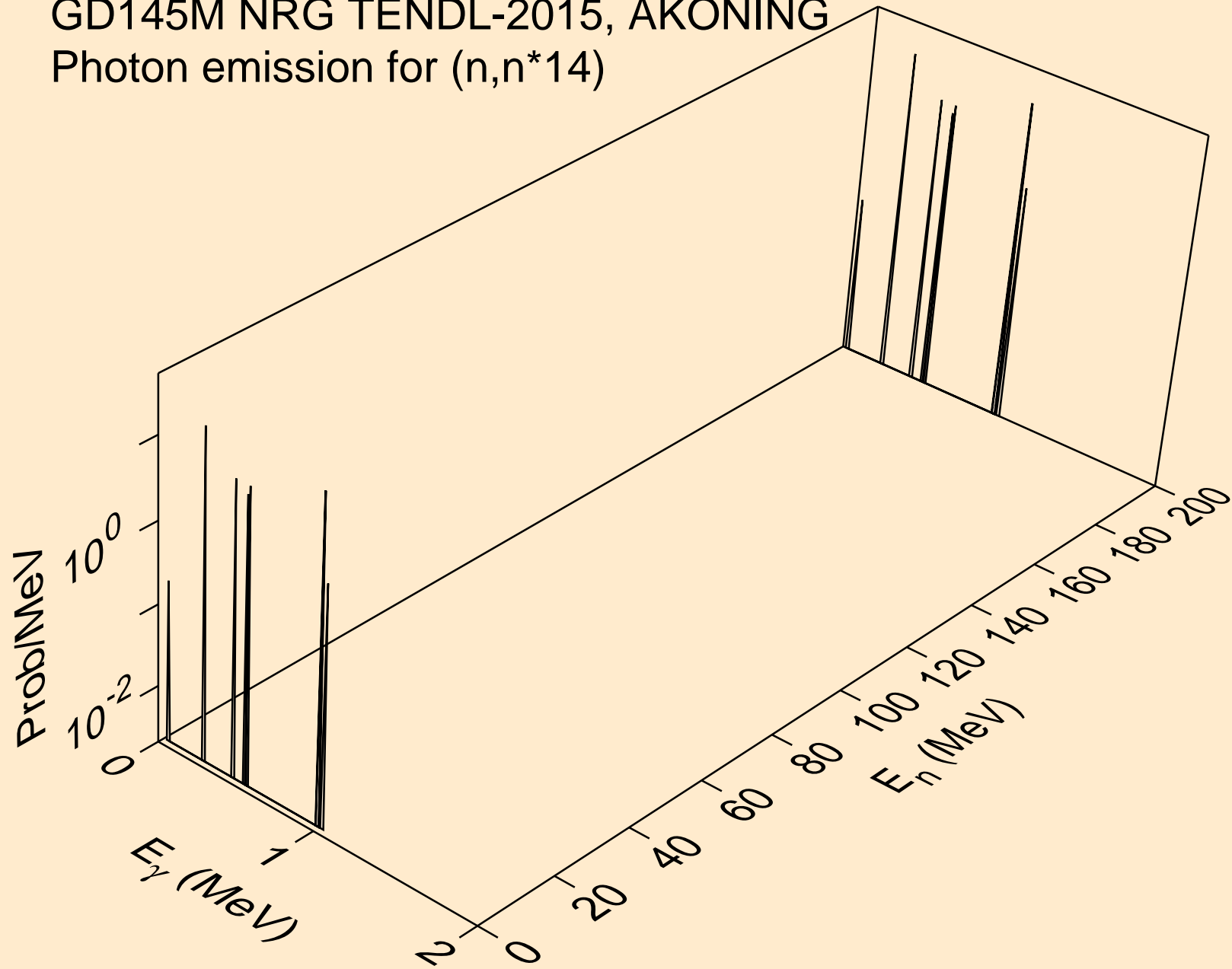
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Photon emission for (n,n\*12)



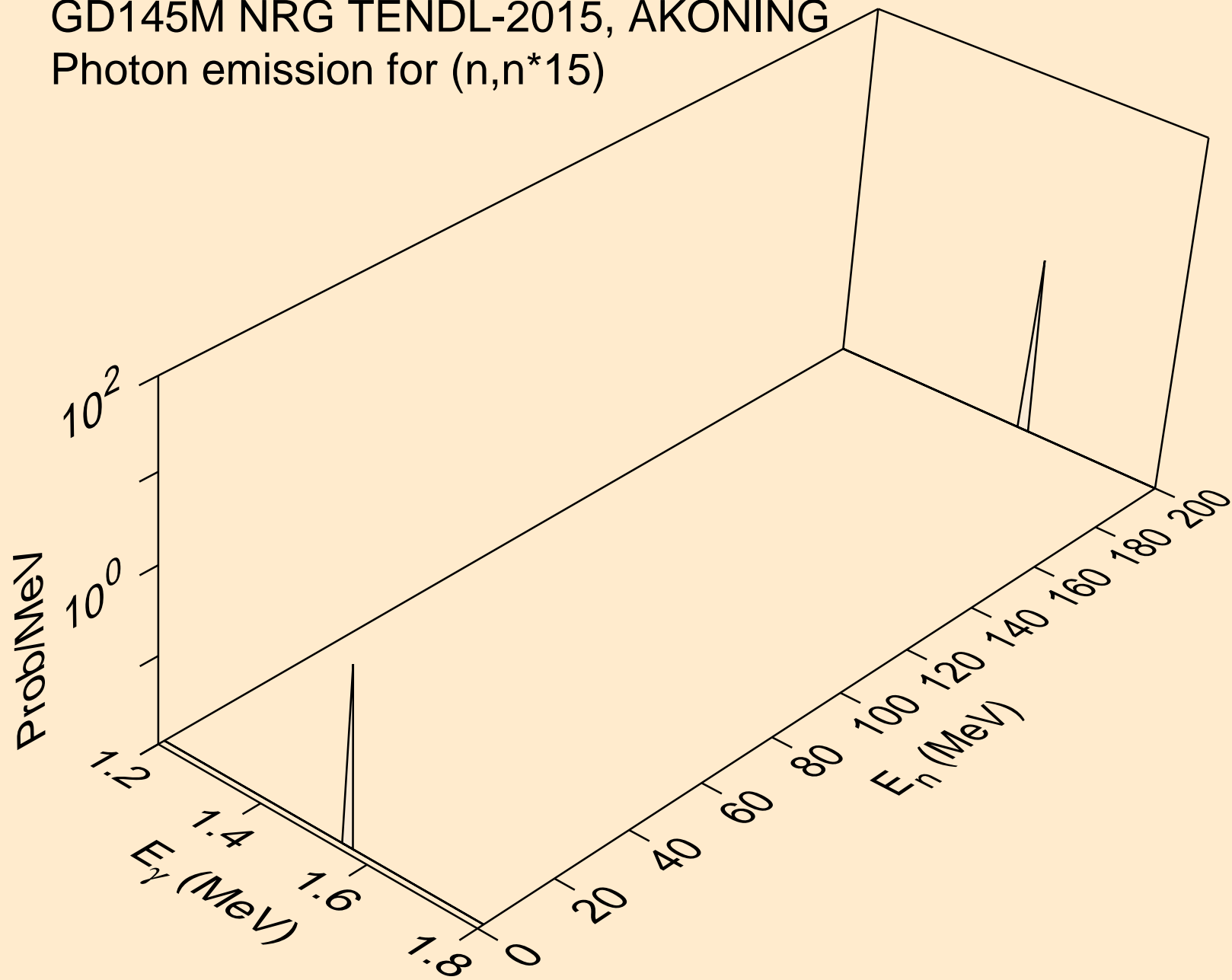
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Photon emission for (n,n\*13)



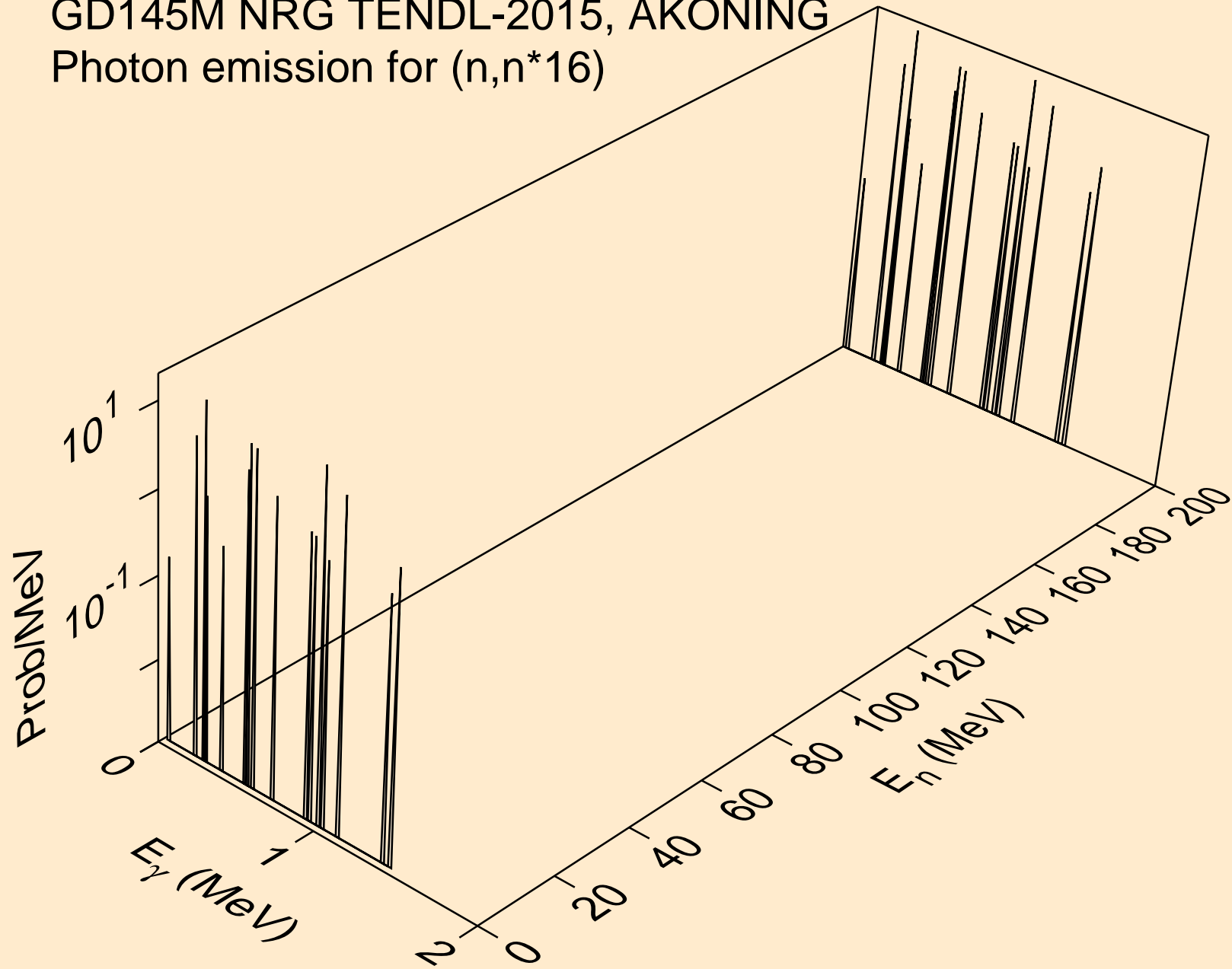
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Photon emission for (n,n\*14)



GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)

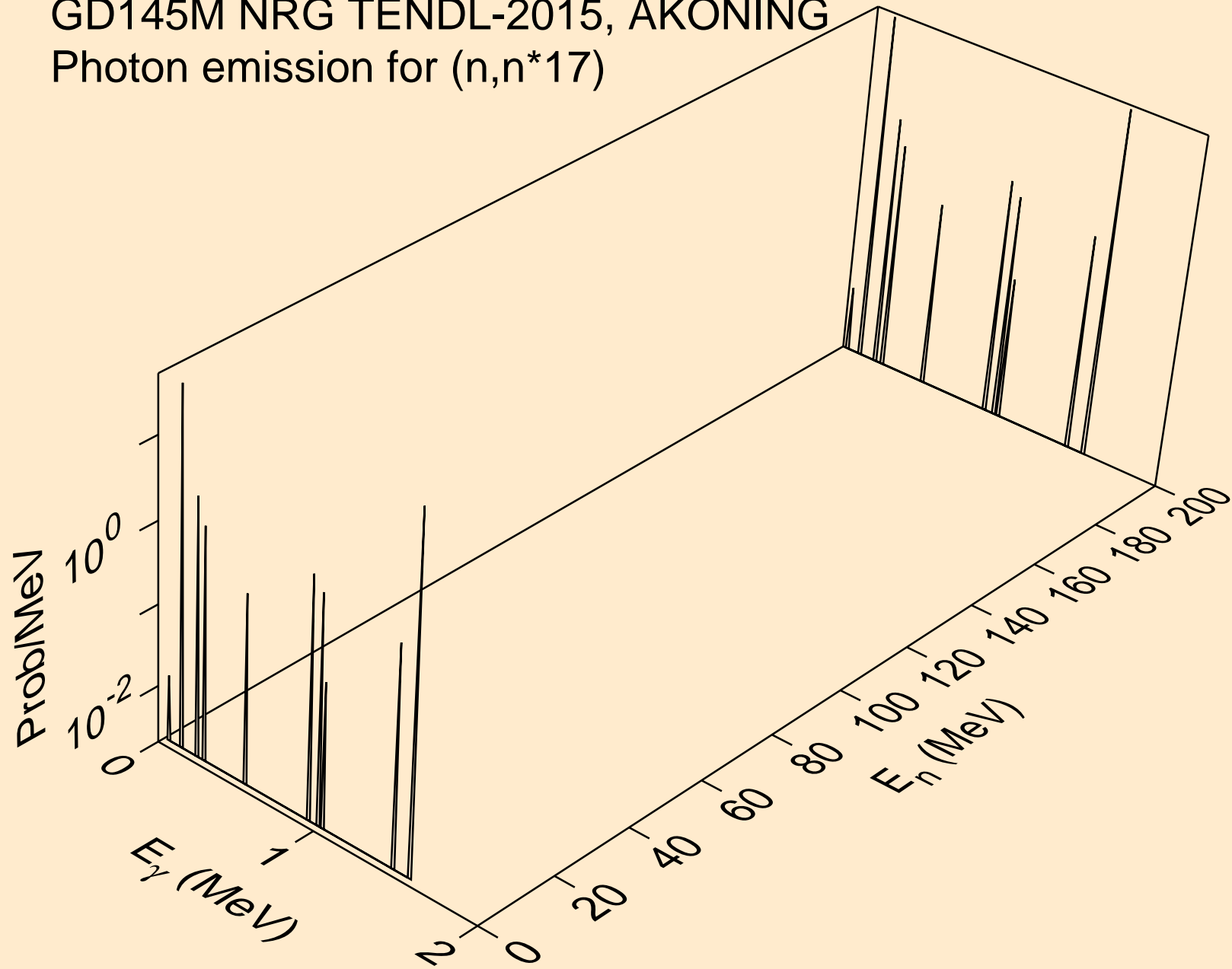


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Photon emission for (n,n\*16)

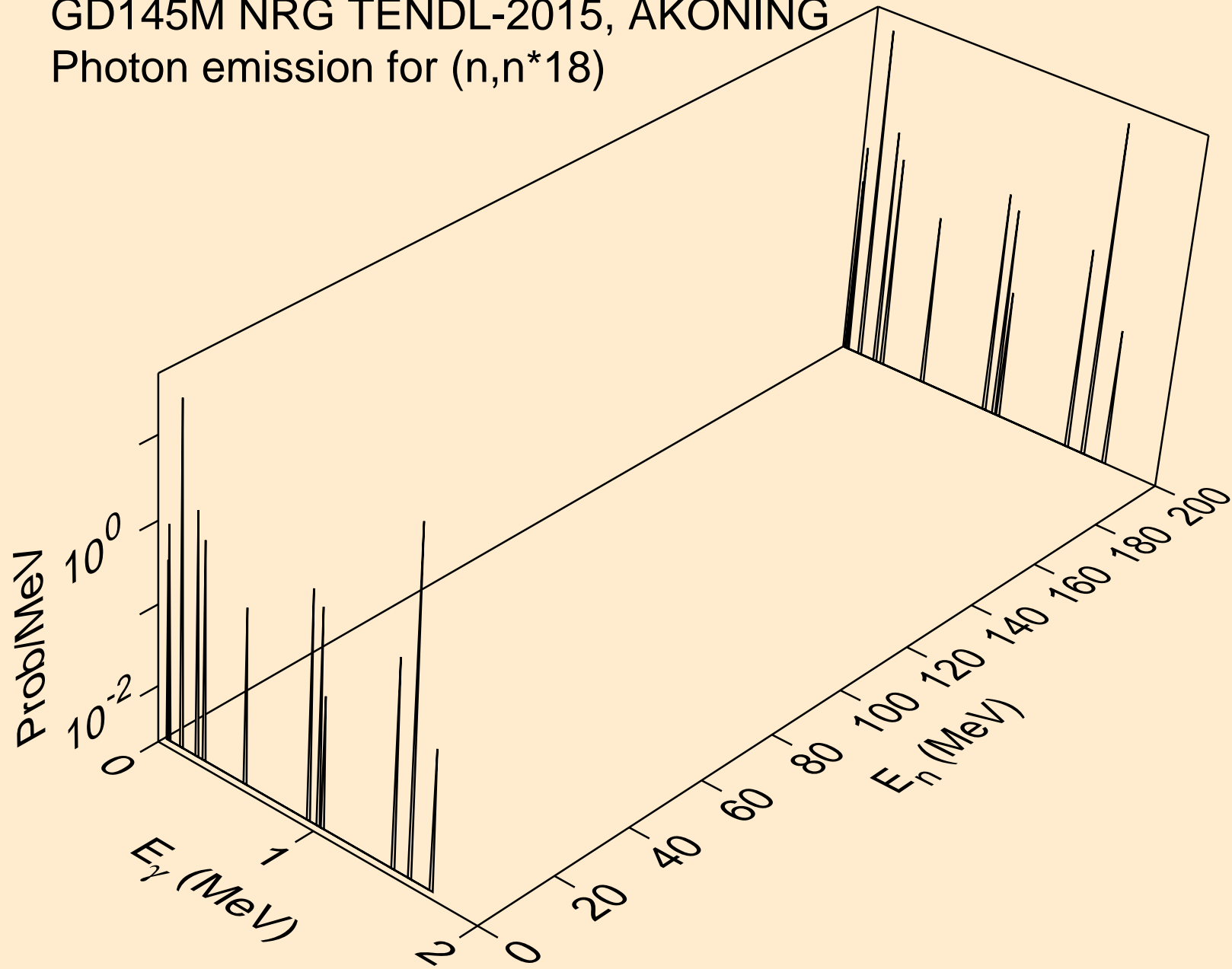




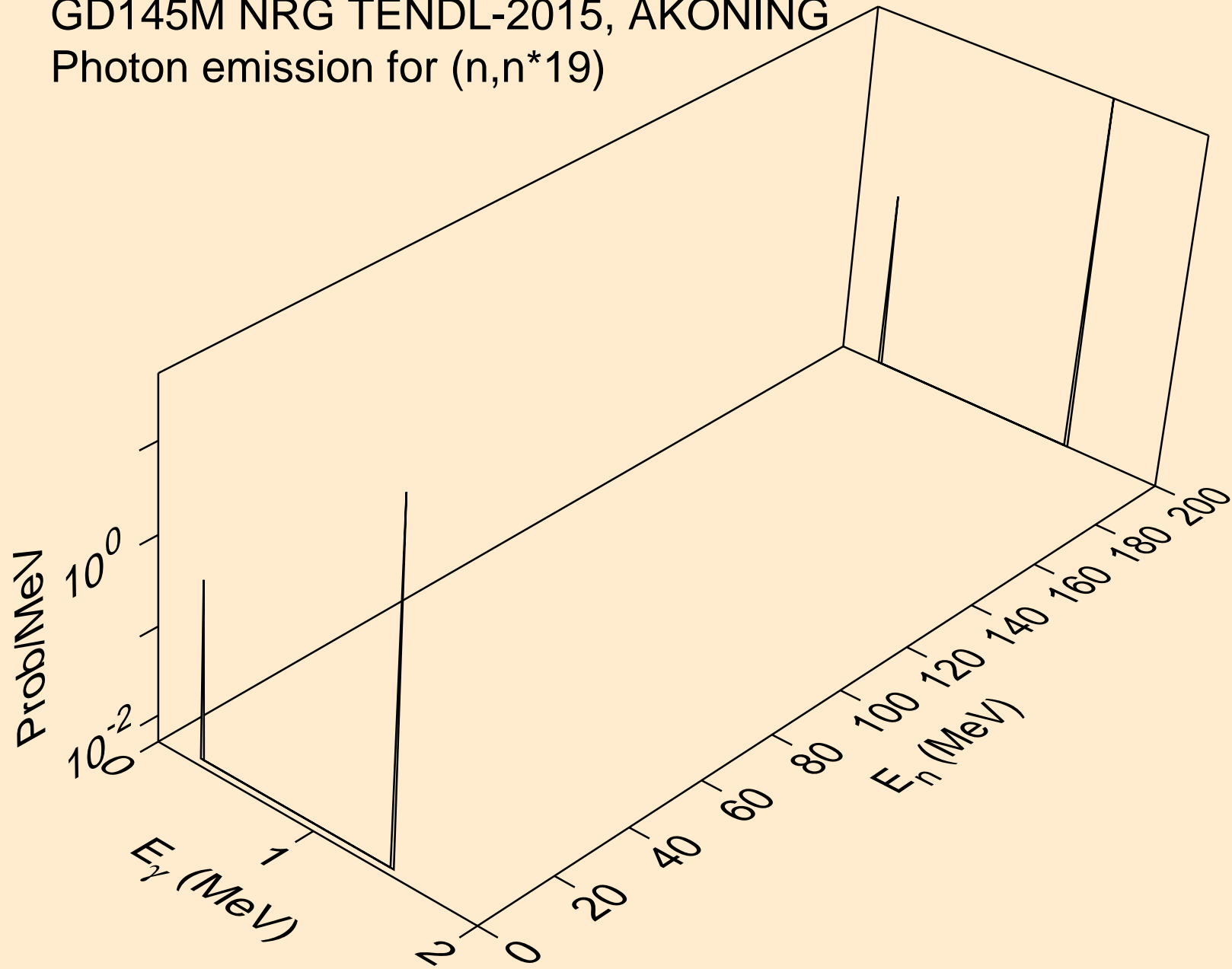
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Photon emission for (n,n\*17)



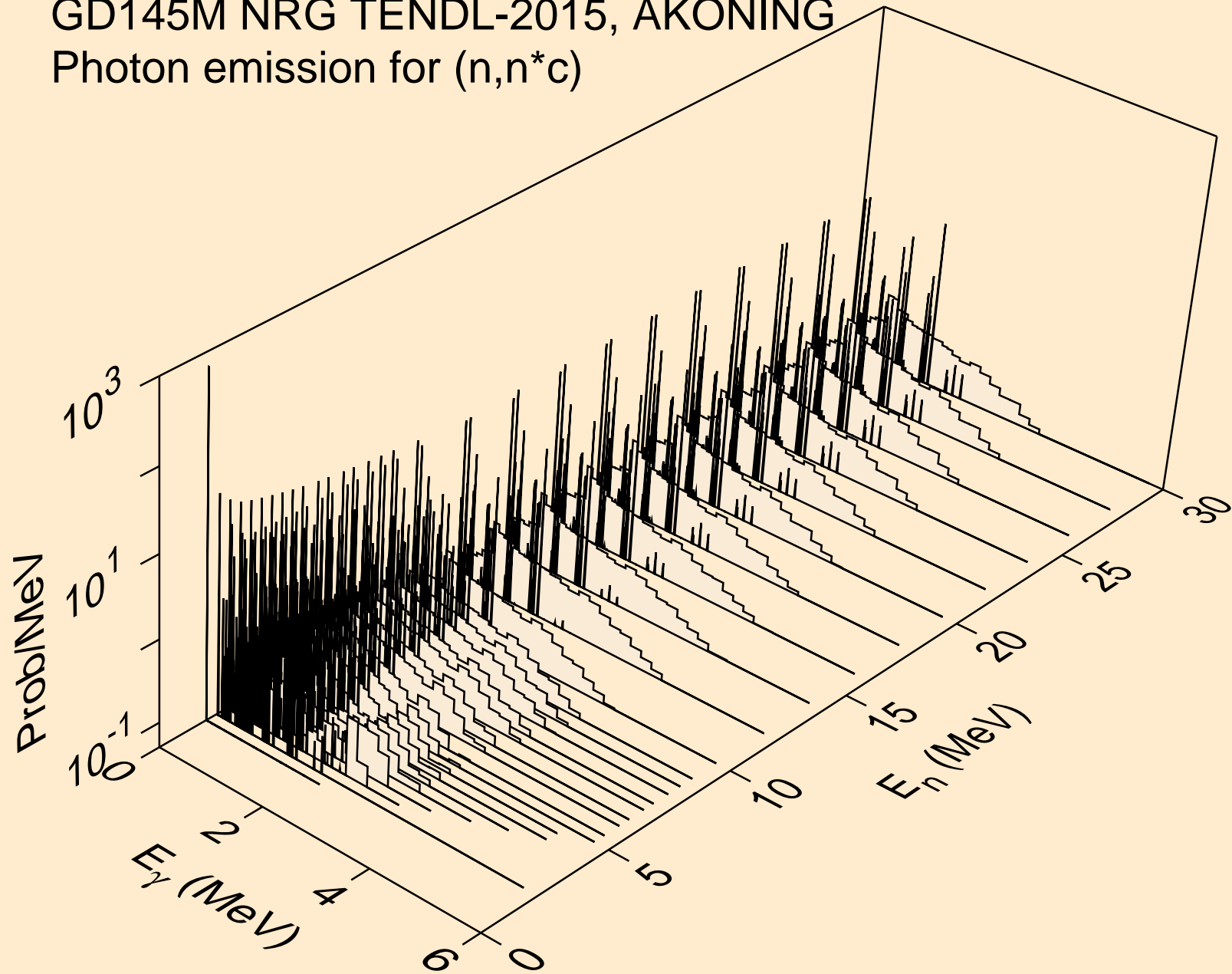
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Photon emission for (n,n\*18)



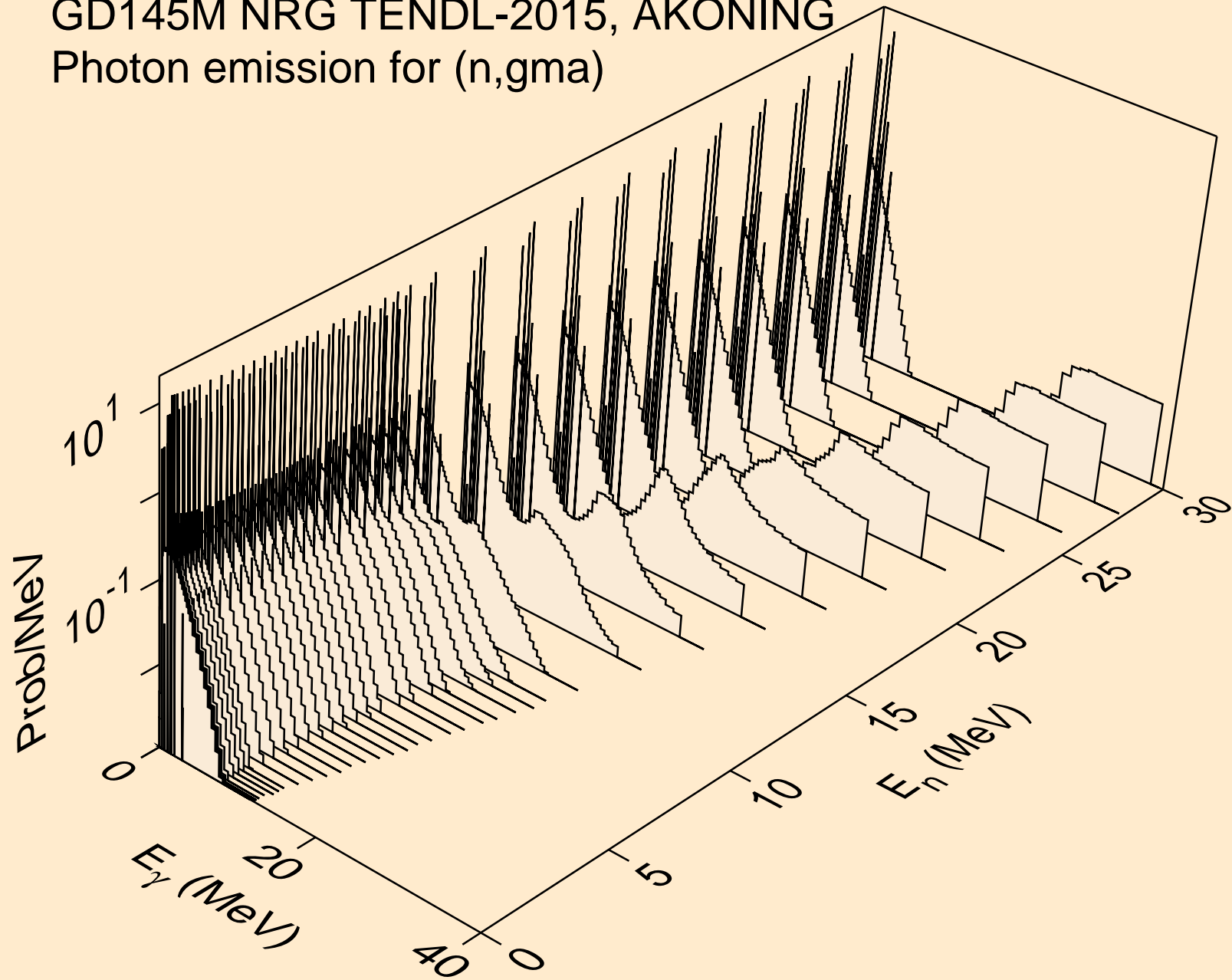
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Photon emission for (n,n\*19)



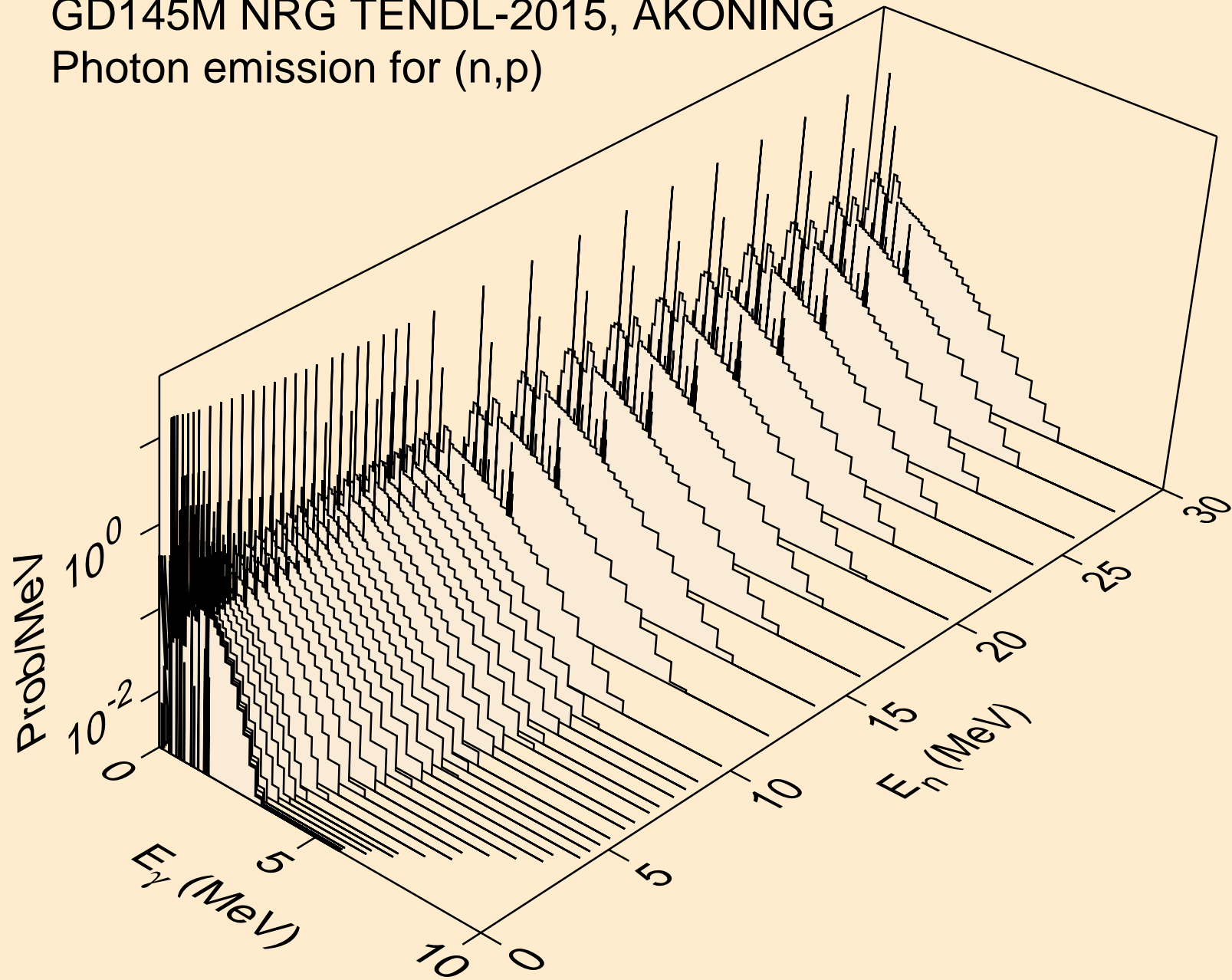
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Photon emission for (n,n\*c)



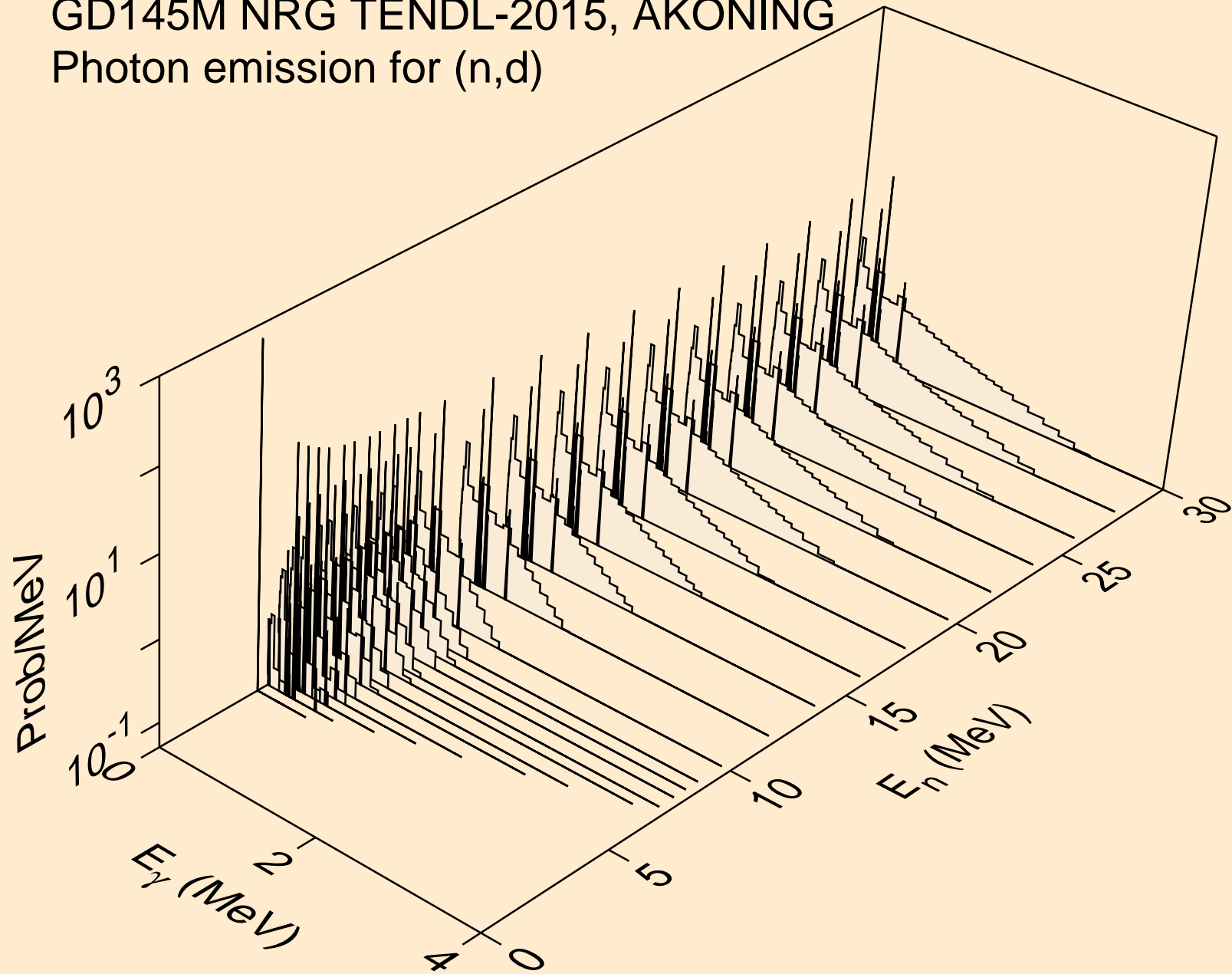
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Photon emission for (n,gma)



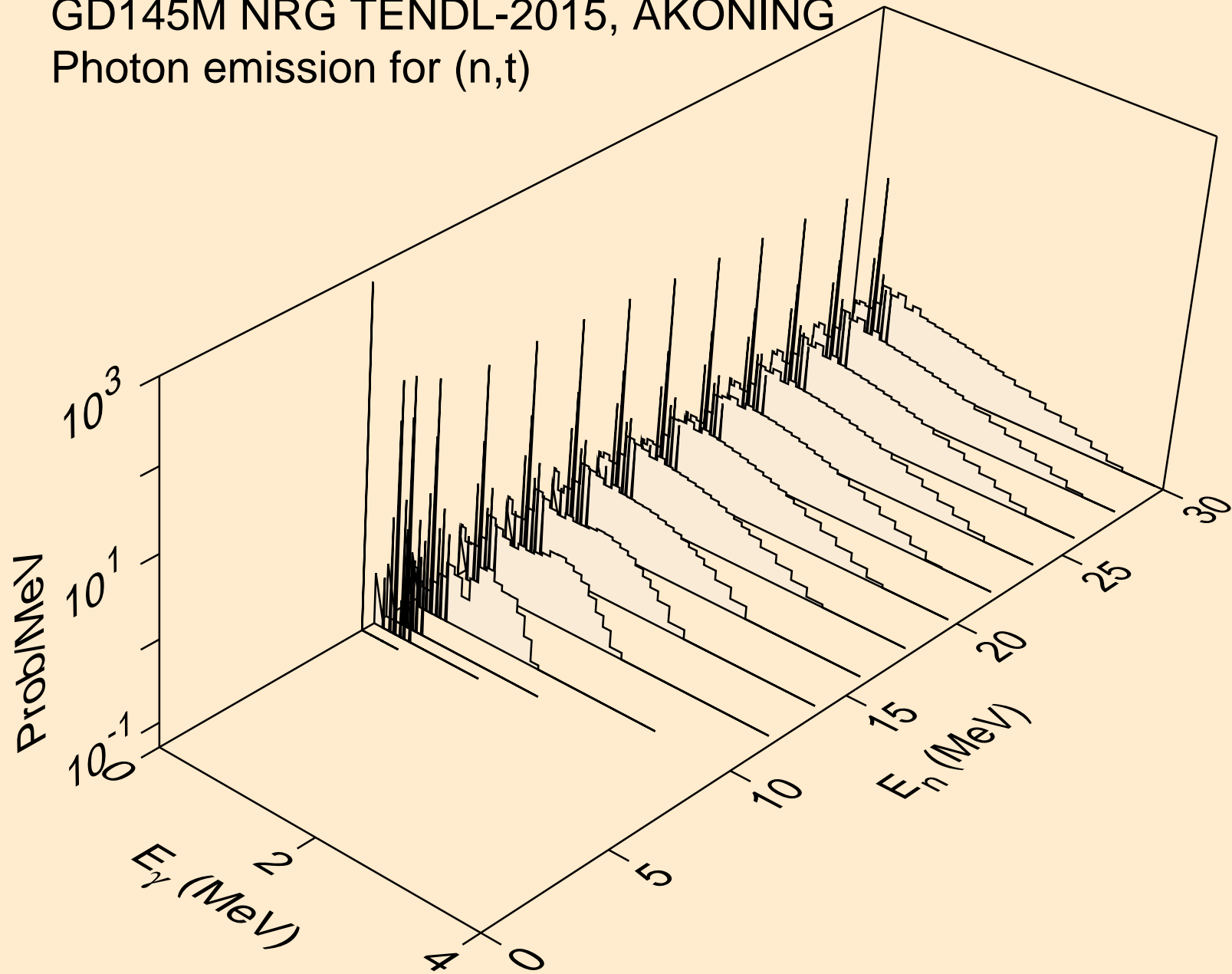
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

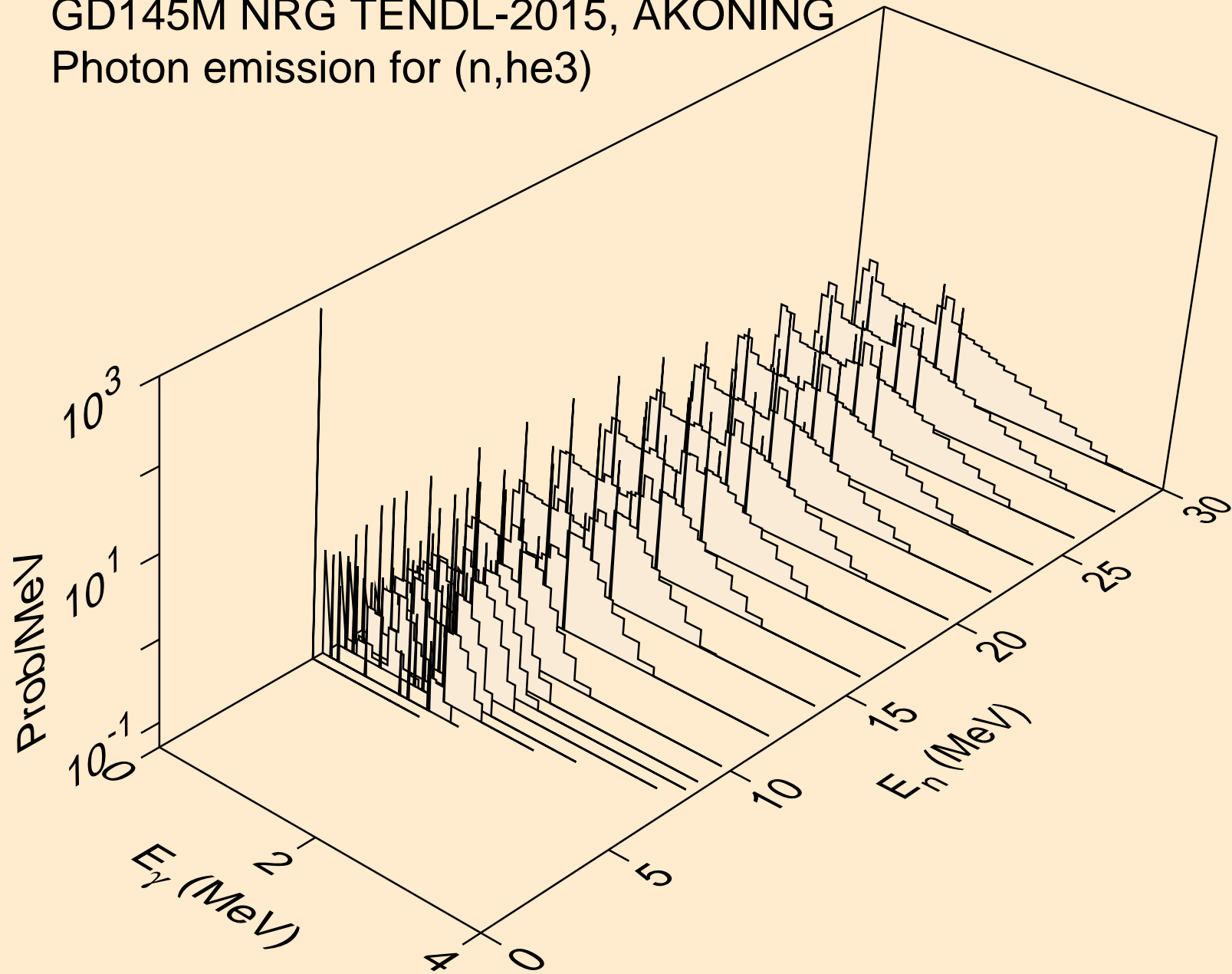


GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

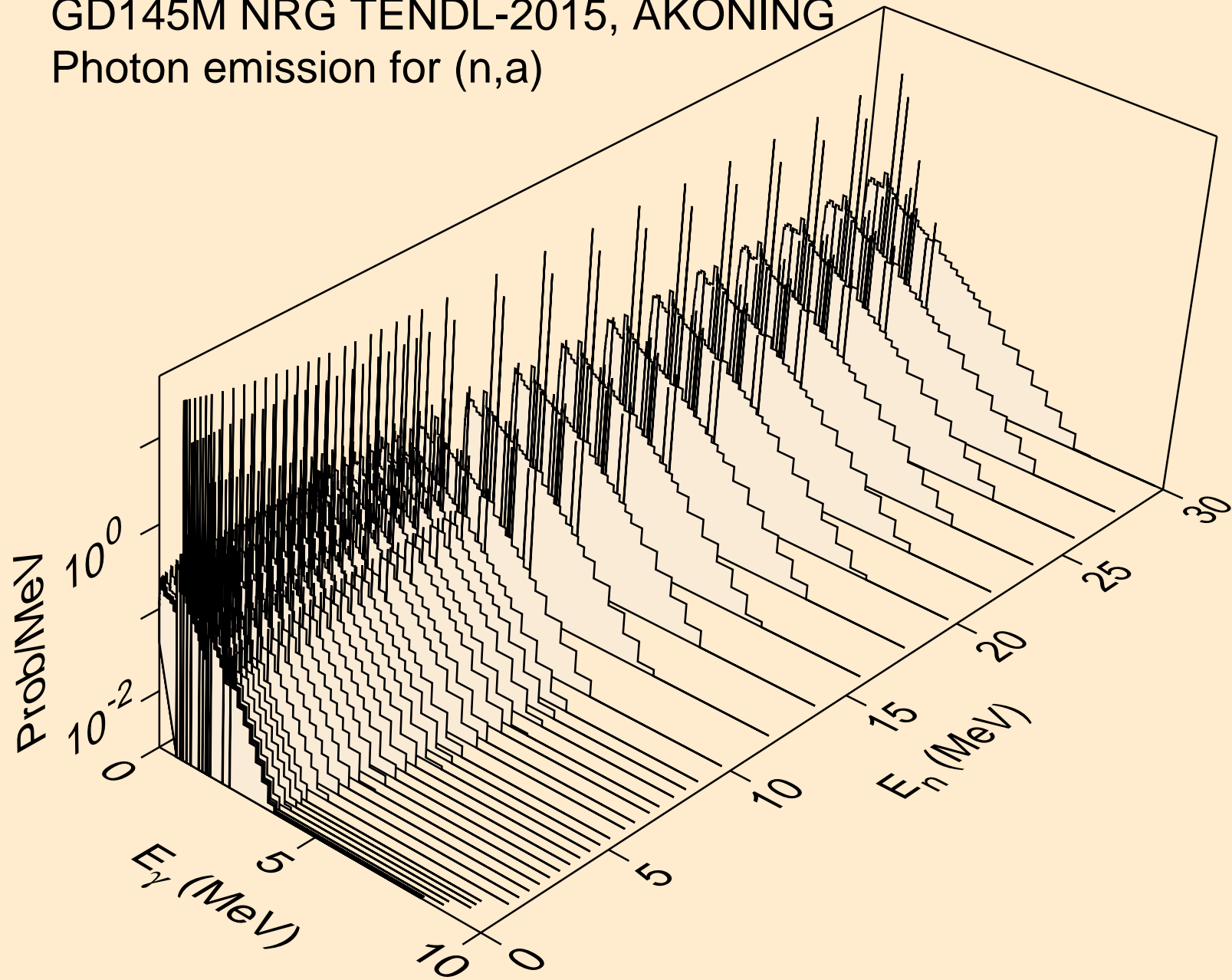




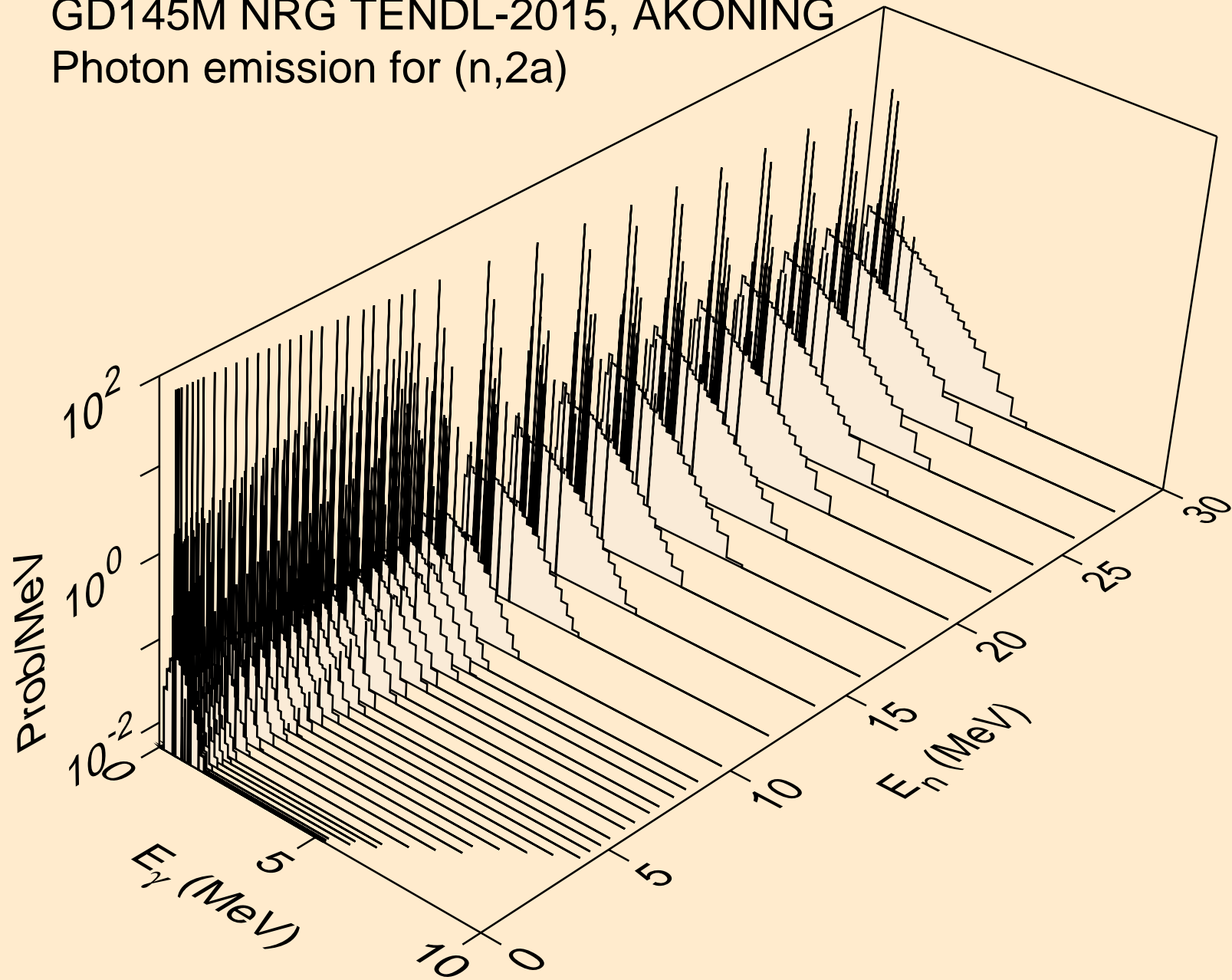
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Photon emission for (n,he3)



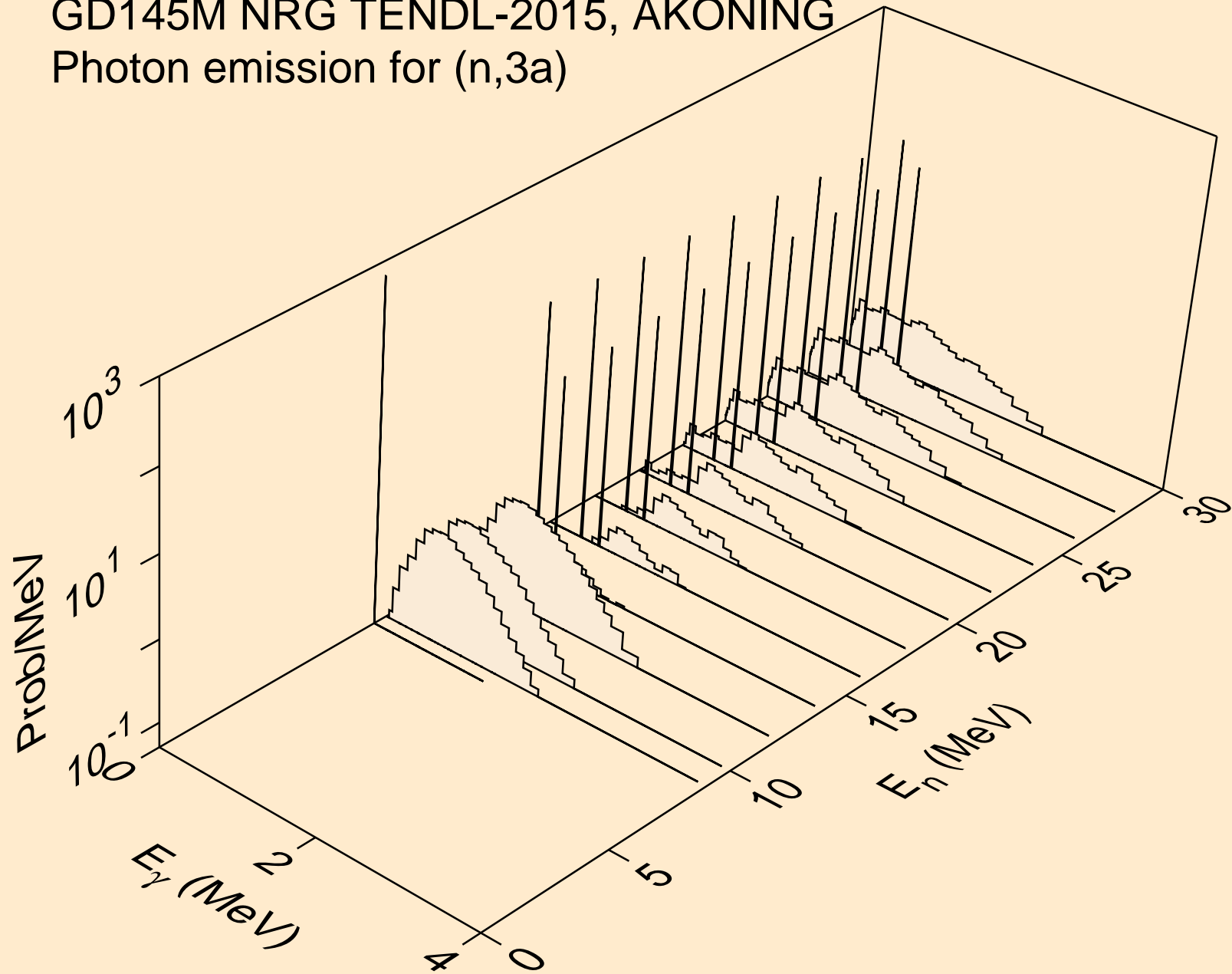
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Photon emission for (n,a)



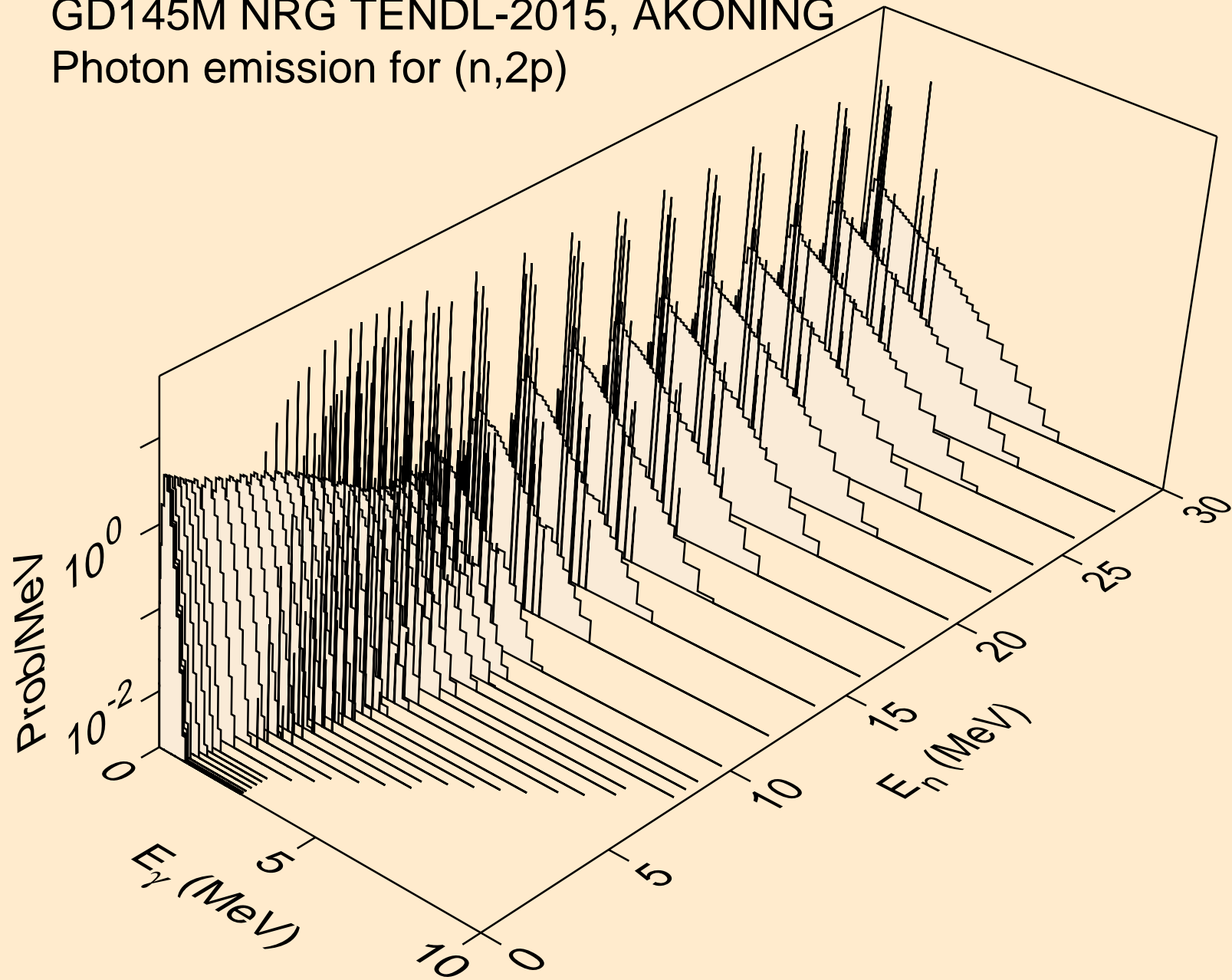
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Photon emission for (n,2a)



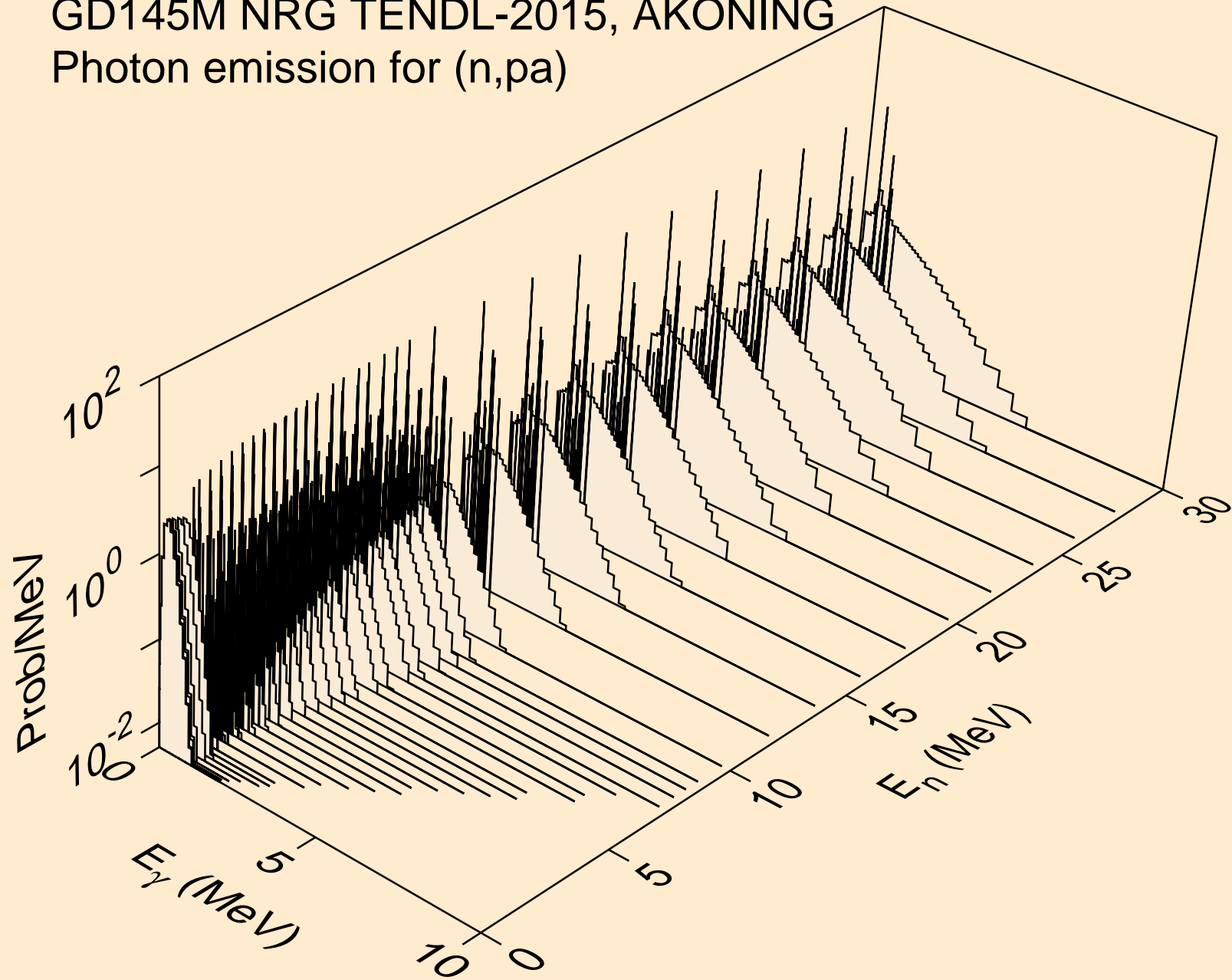
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Photon emission for (n,3a)



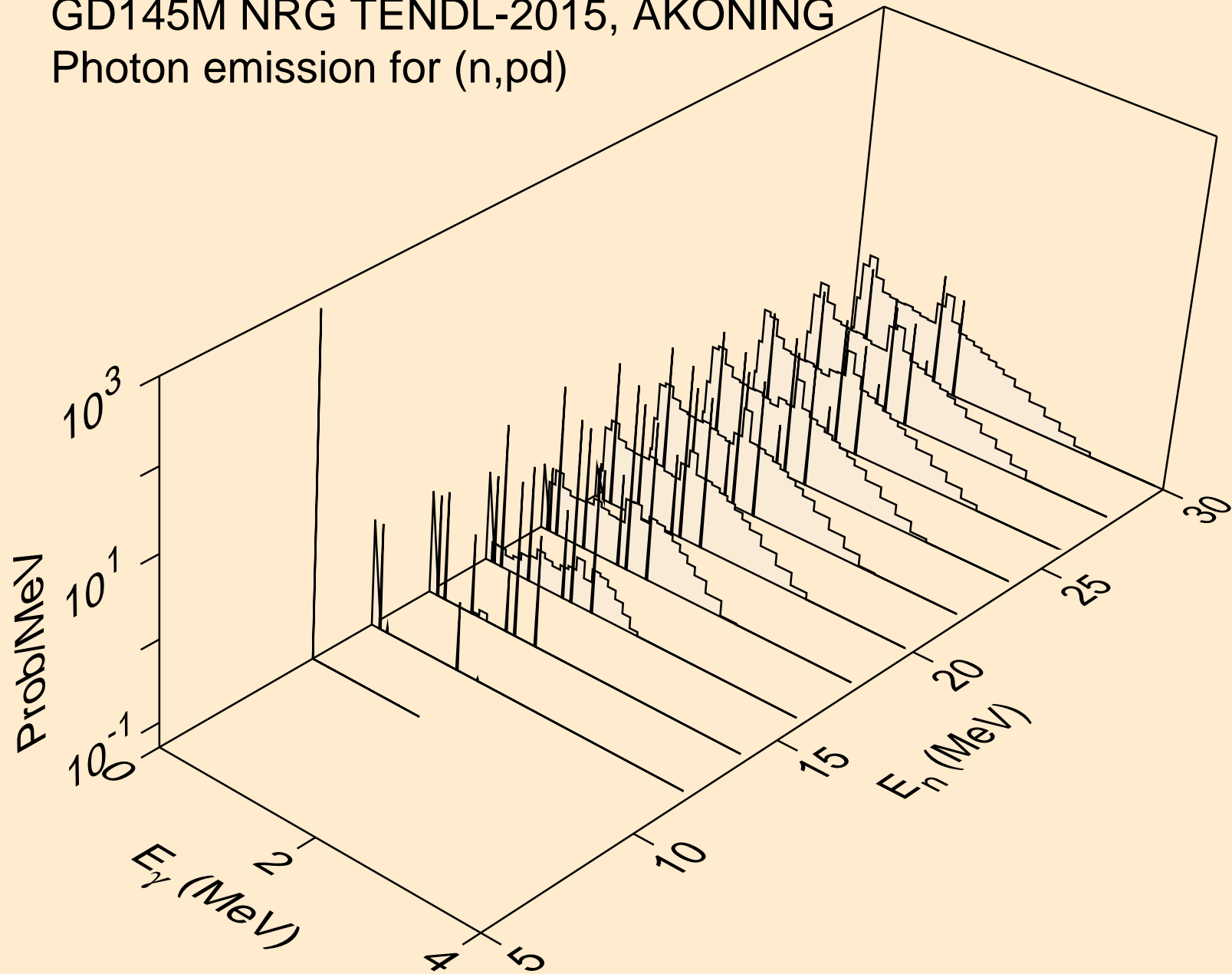
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Photon emission for (n,2p)



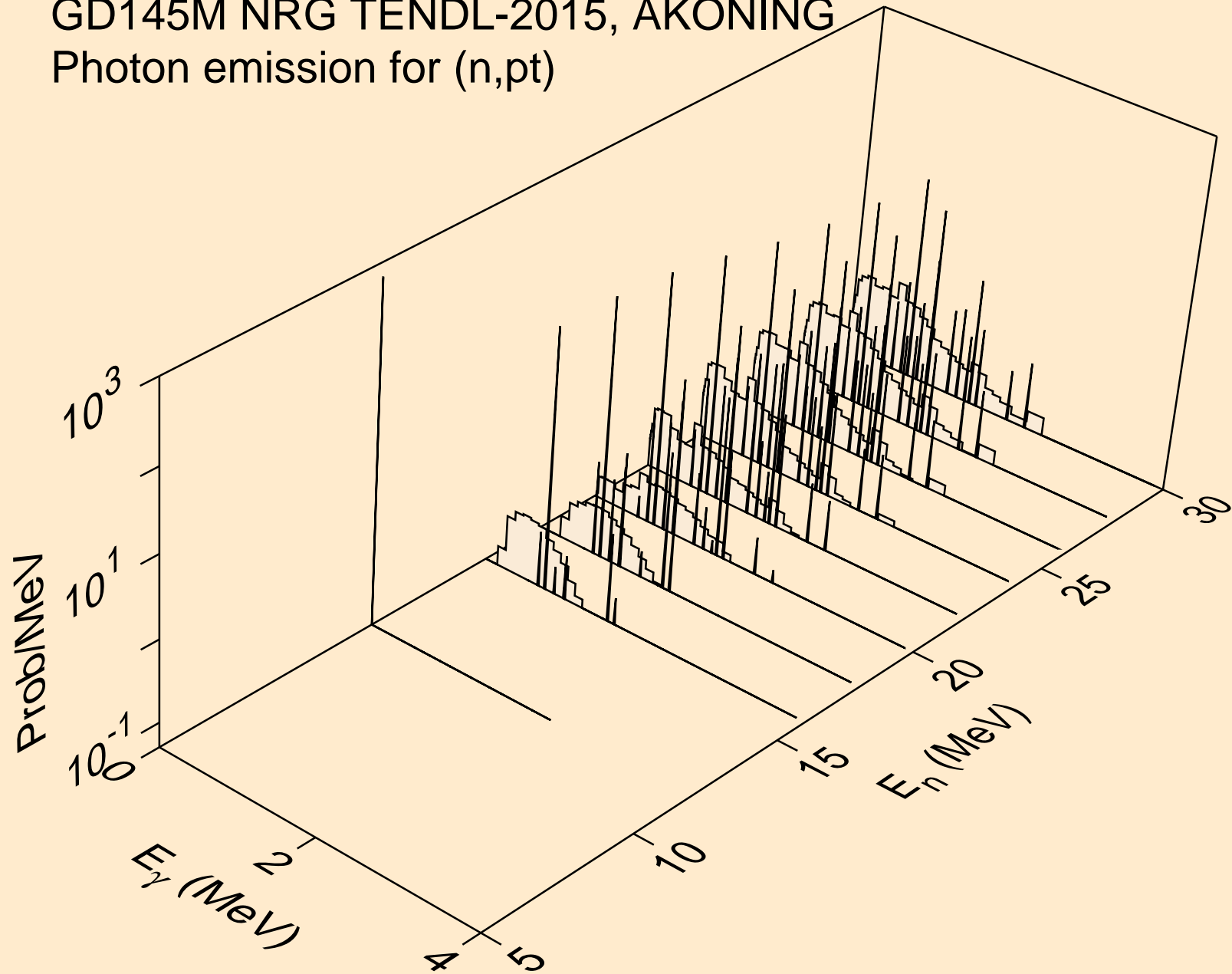
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

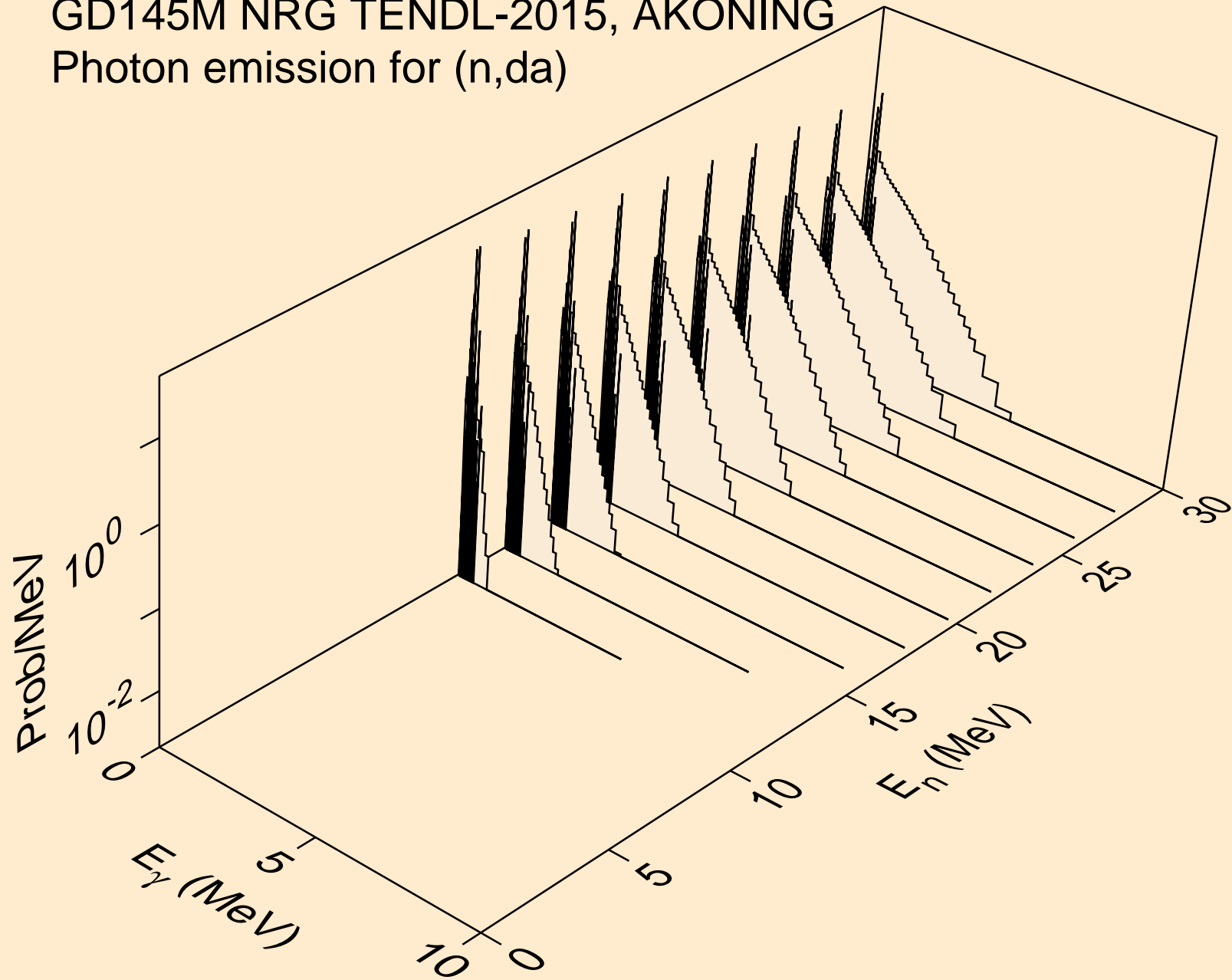


GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

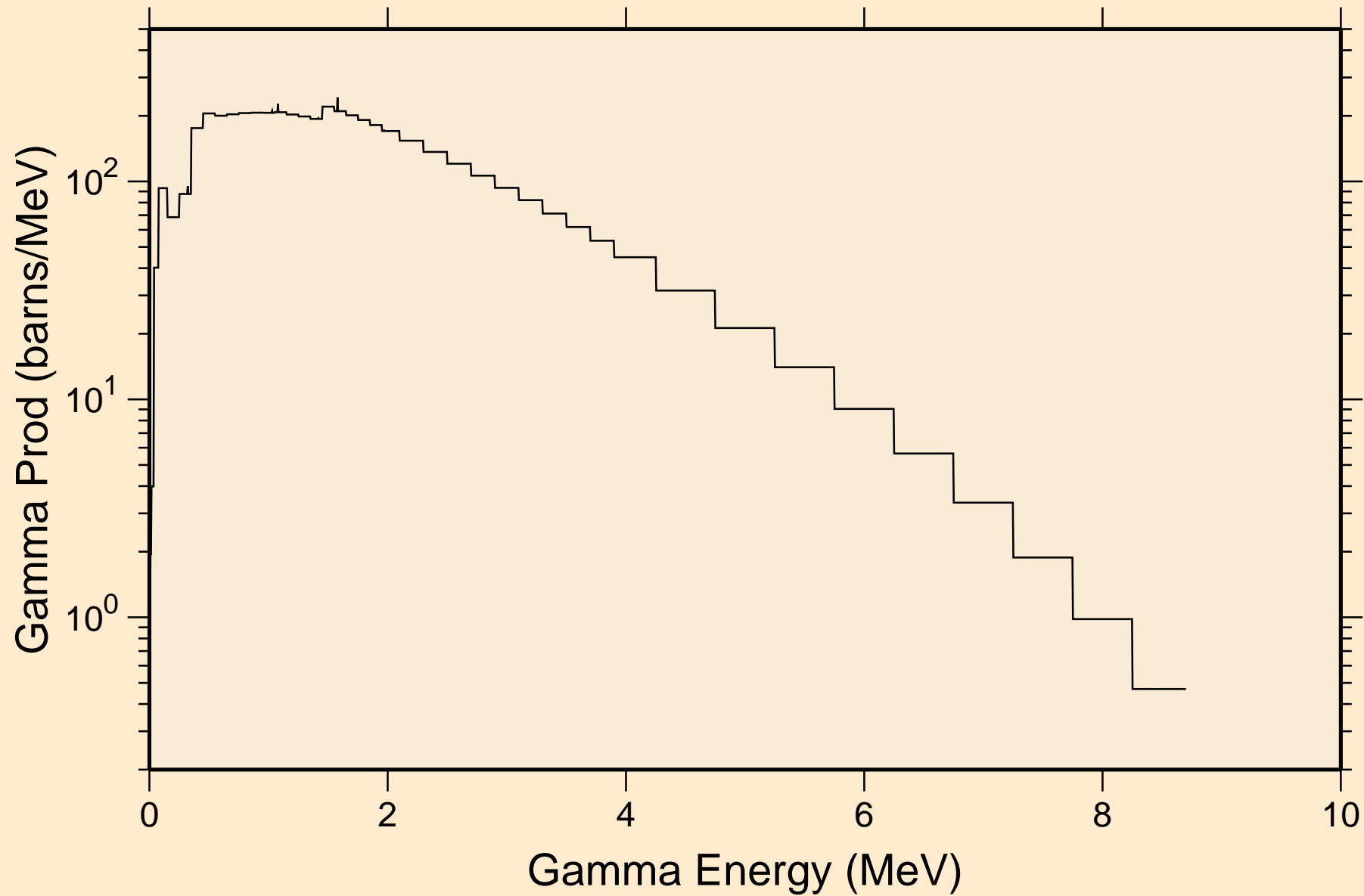




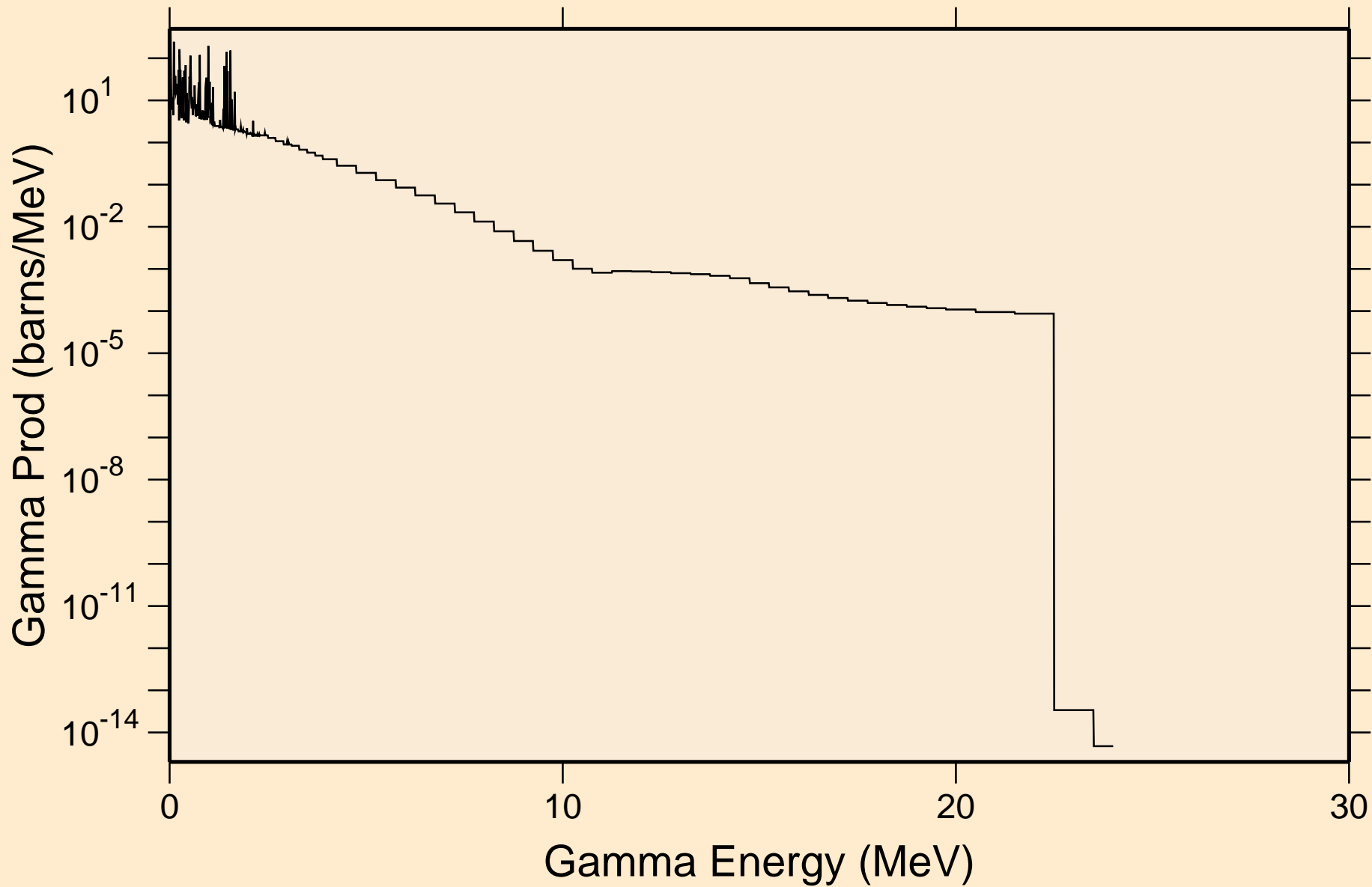
GD145M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



GD145M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

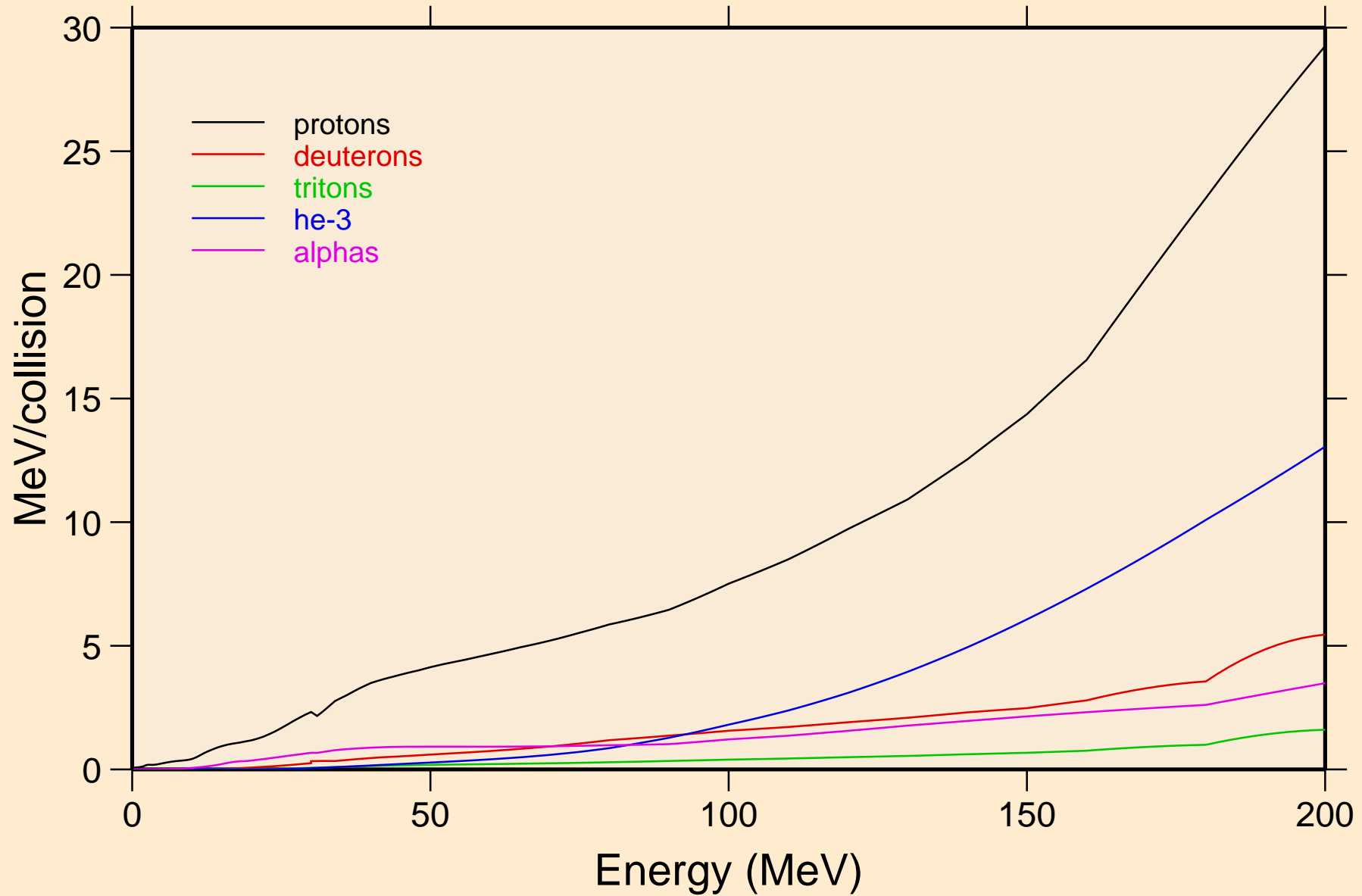


GD145M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



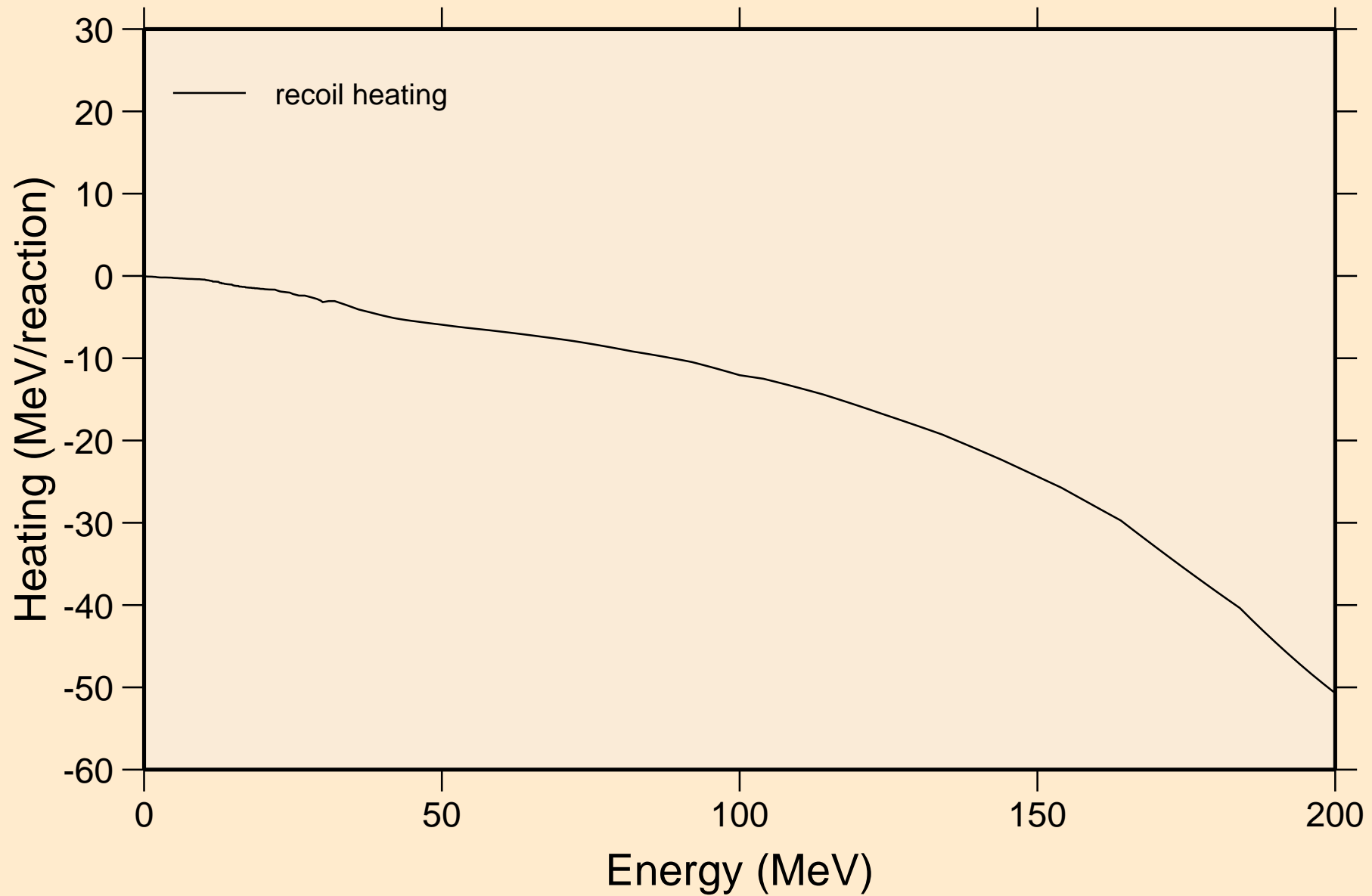
# GD145M NRG TENDL-2015, AKONING

## Particle heating contributions



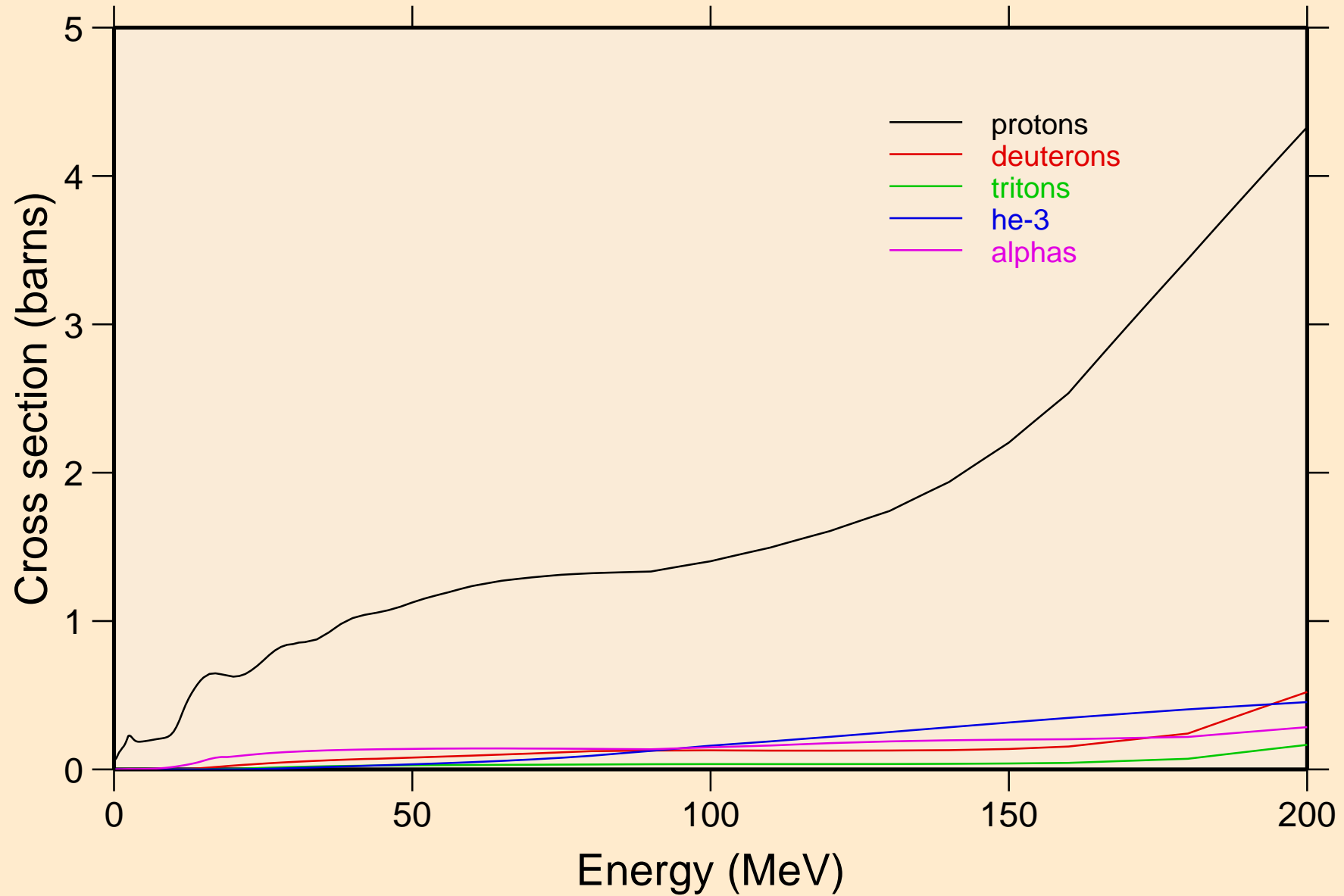
# GD145M NRG TENDL-2015, AKONING

## Recoil Heating

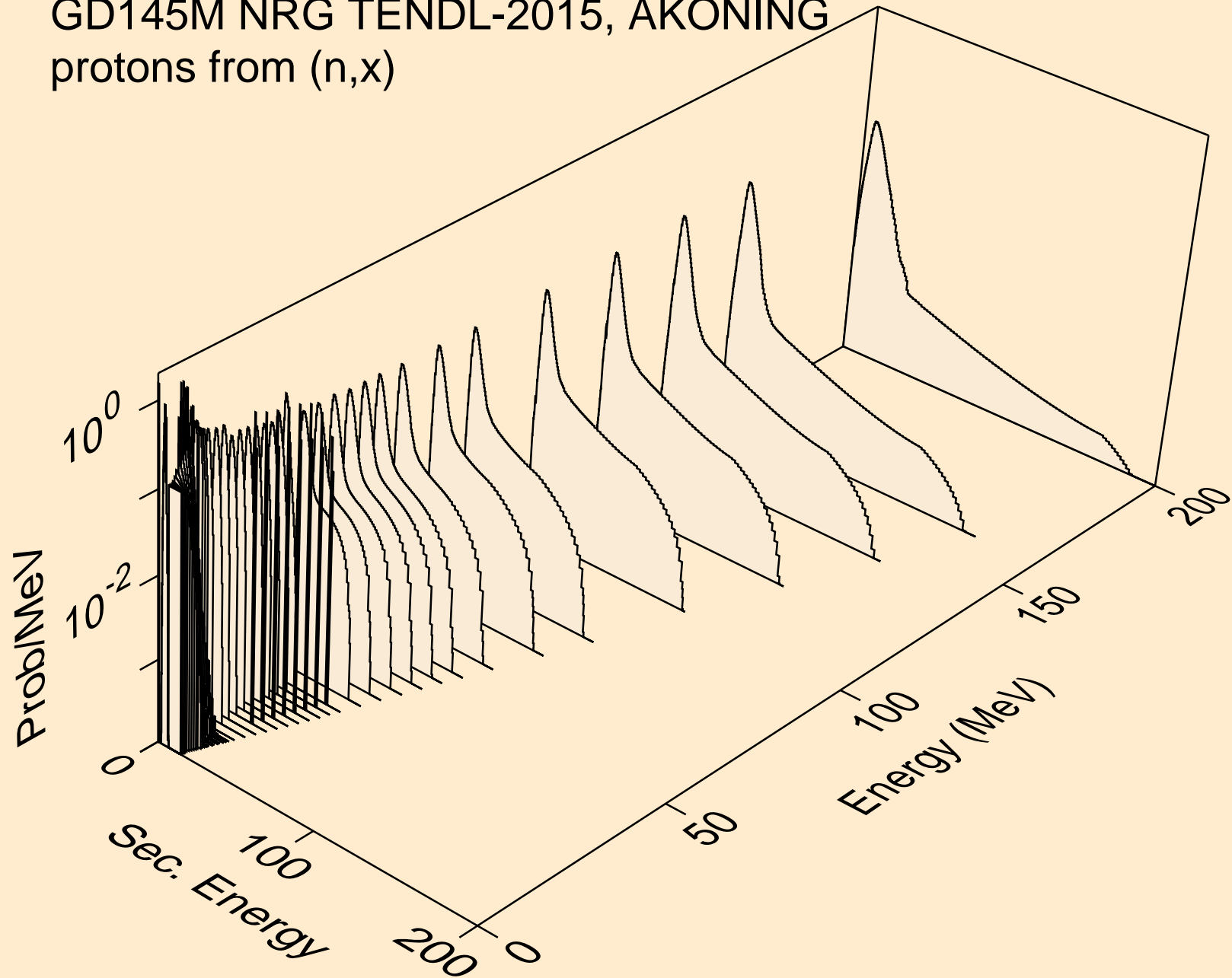


# GD145M NRG TENDL-2015, AKONING

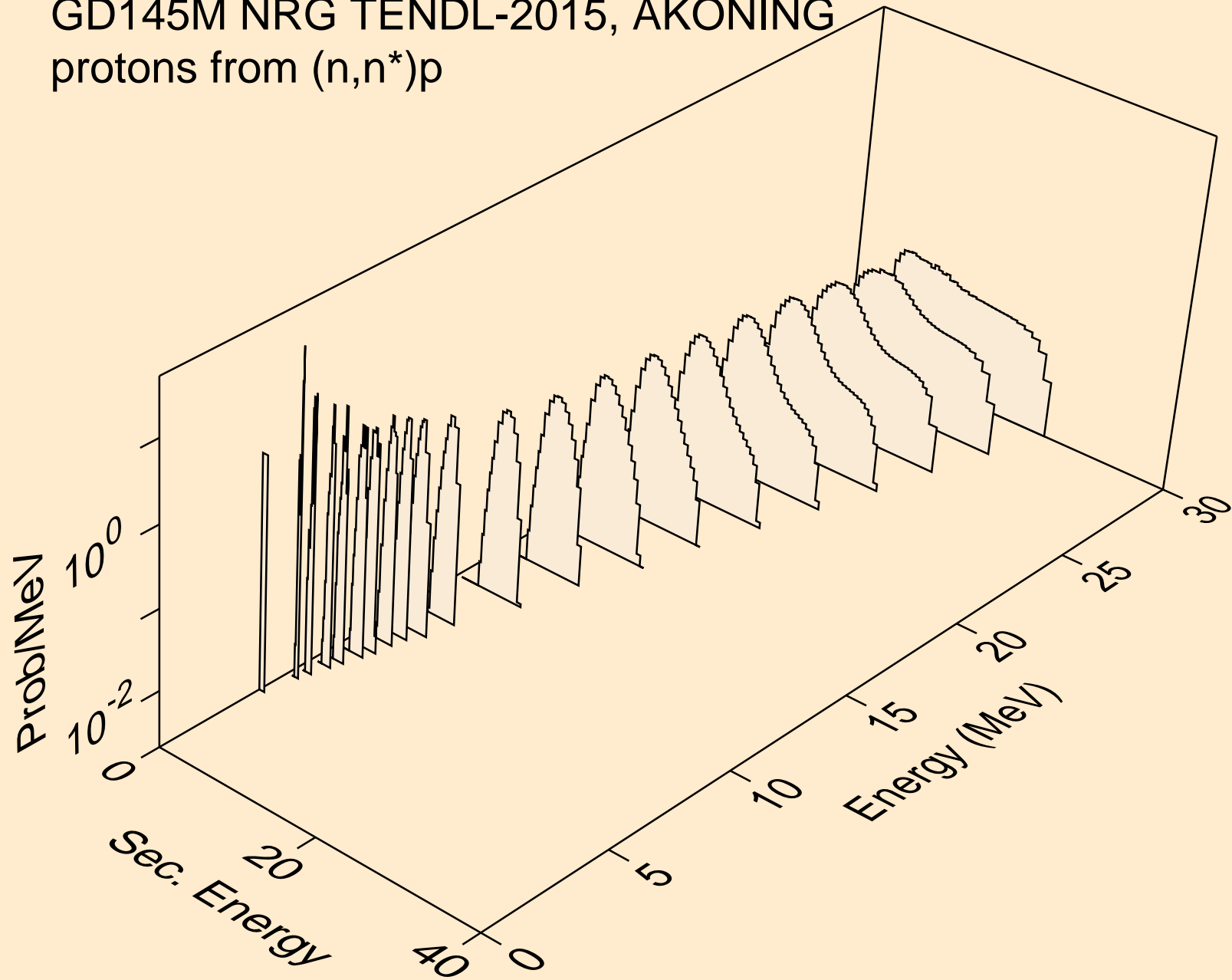
## Particle production cross sections



GD145M NRG TENDL-2015, AKONING  
protons from (n,x)

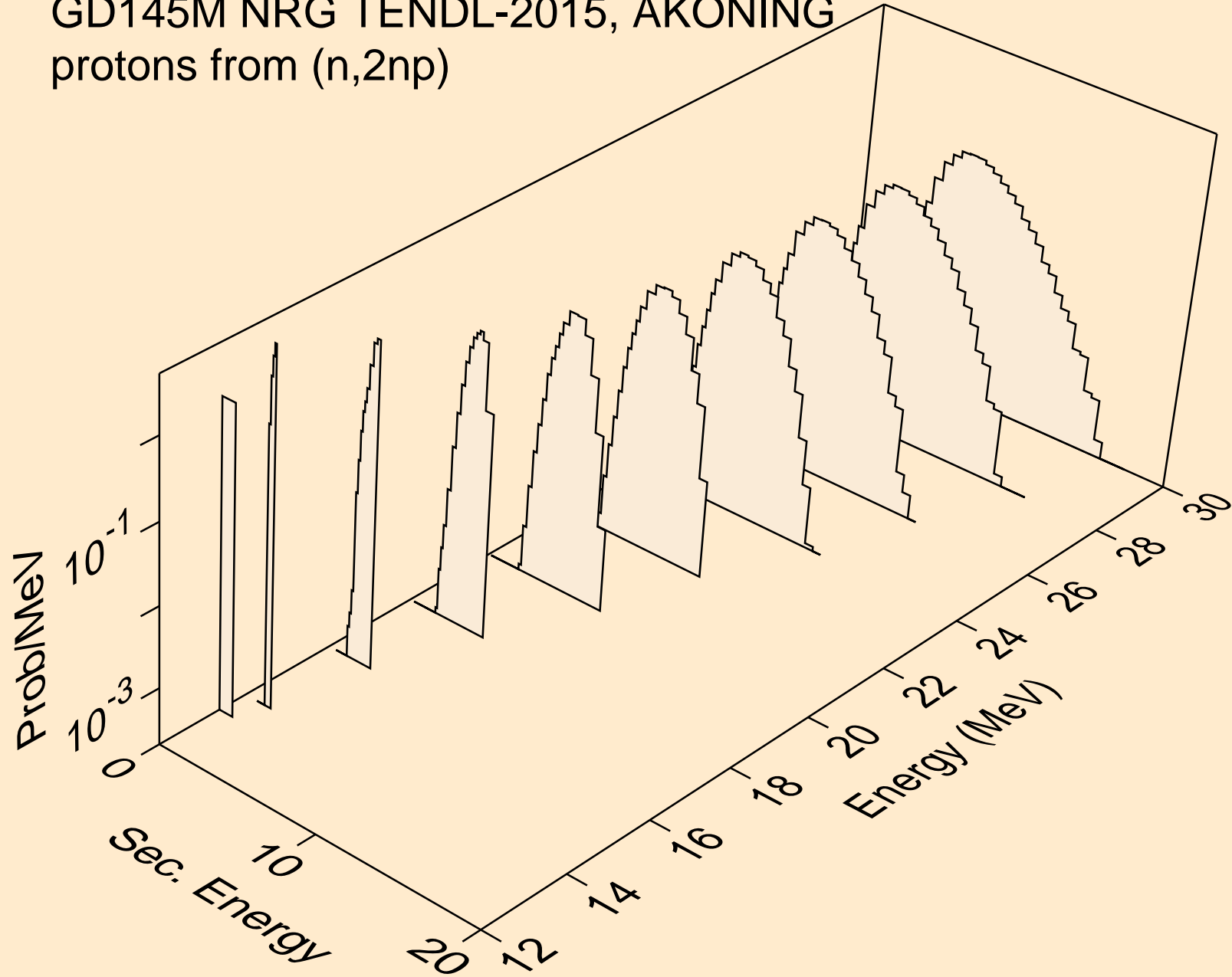


GD145M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

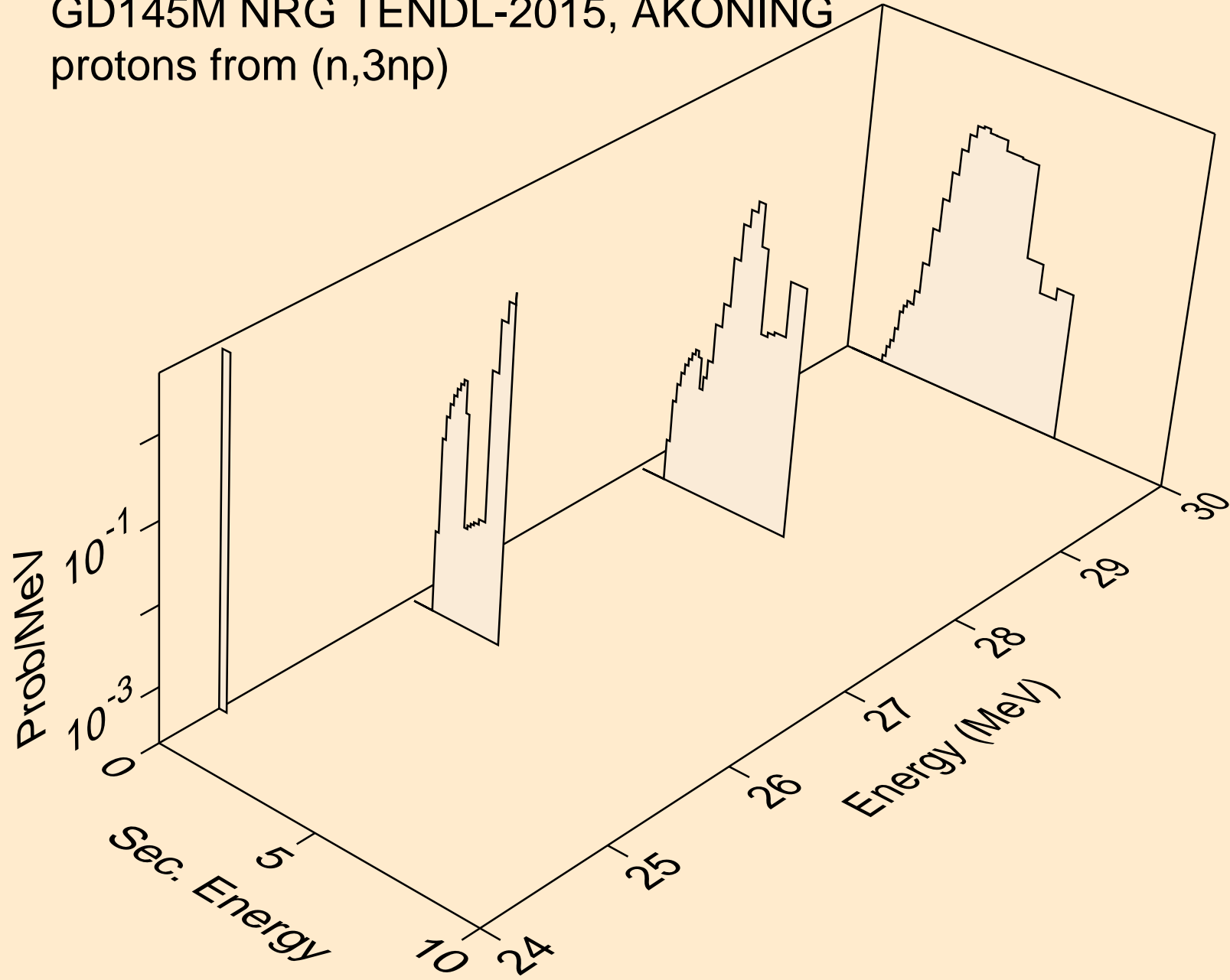




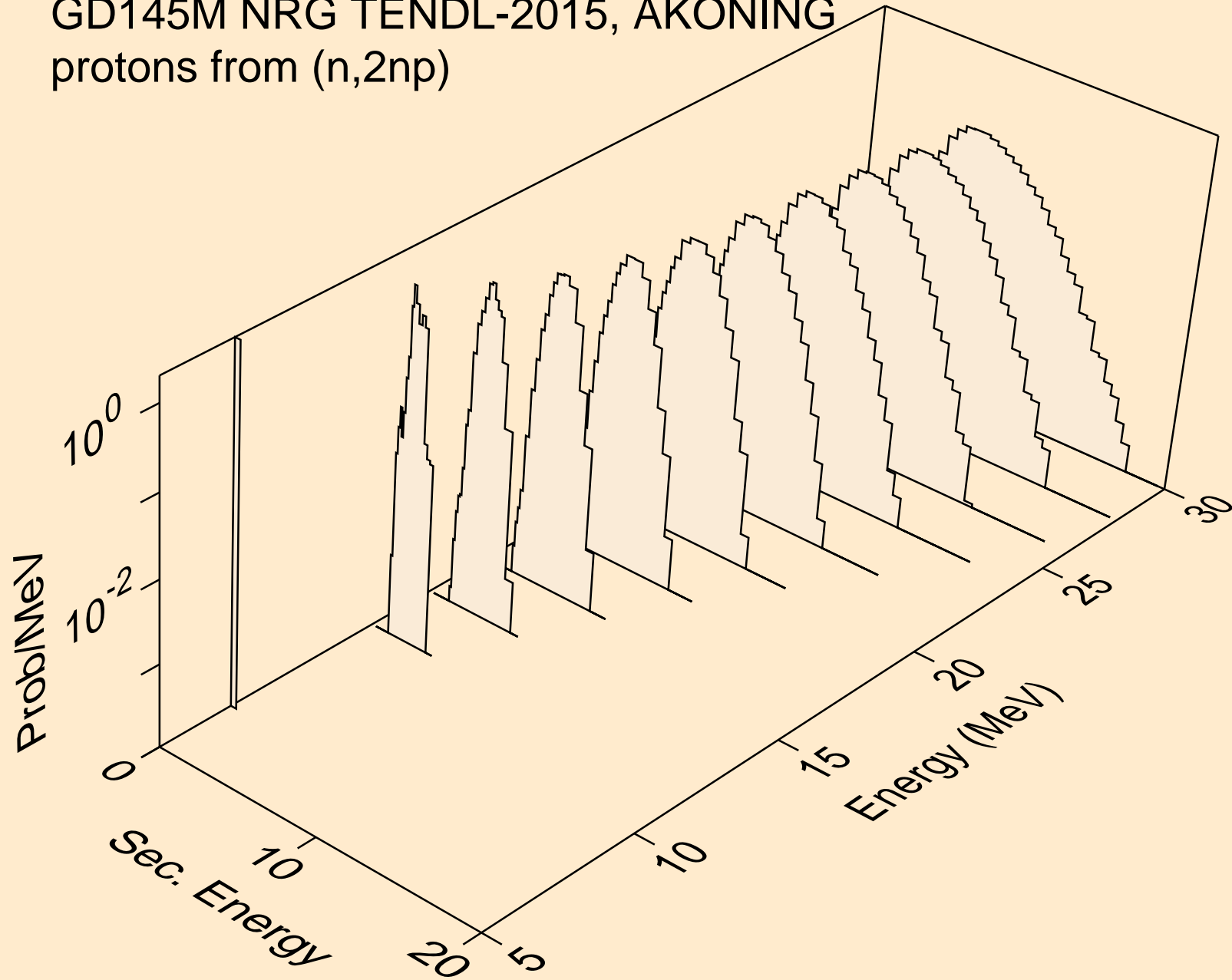
GD145M NRG TENDL-2015, AKONING  
protons from (n,2np)



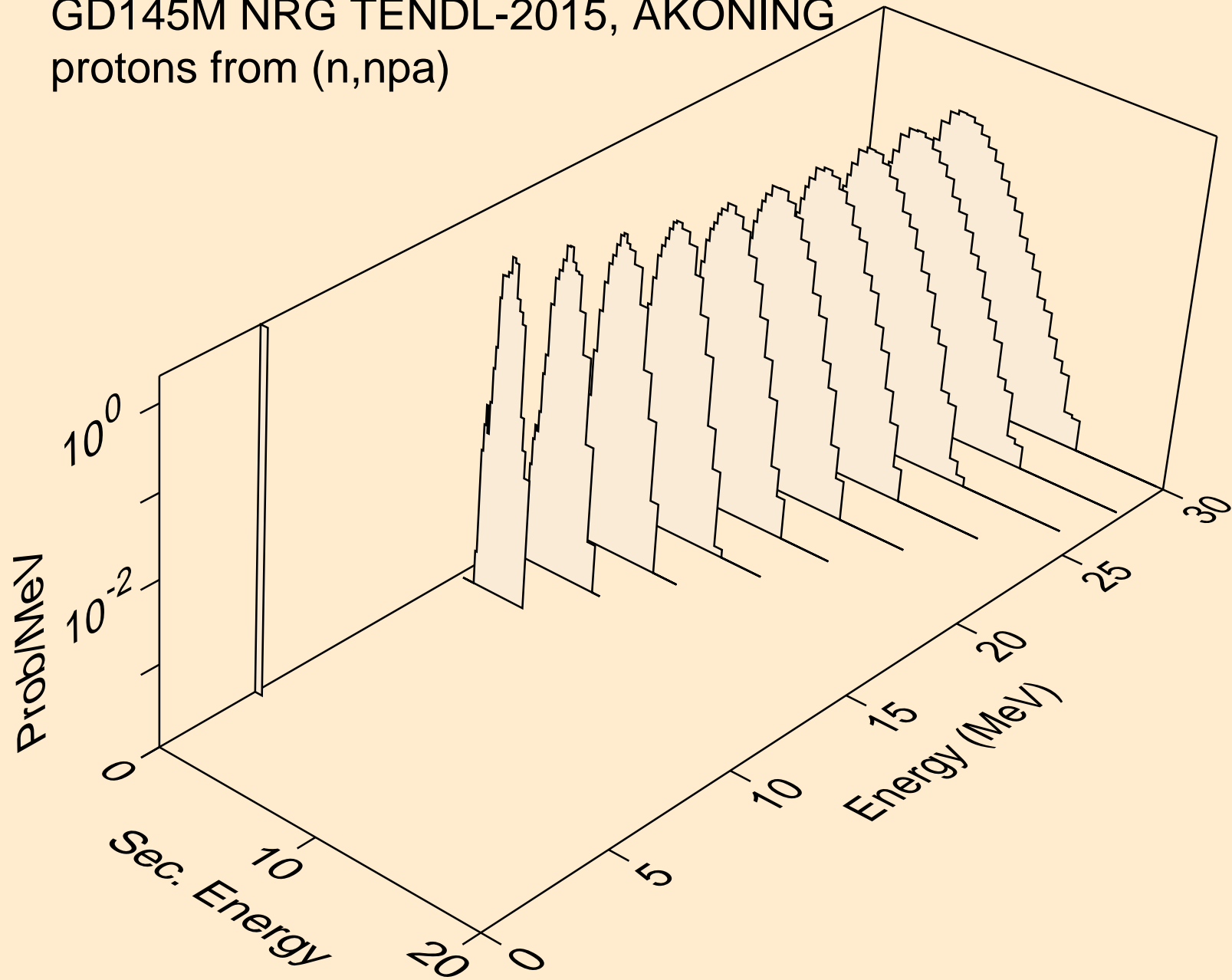
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protons from (n,3np)



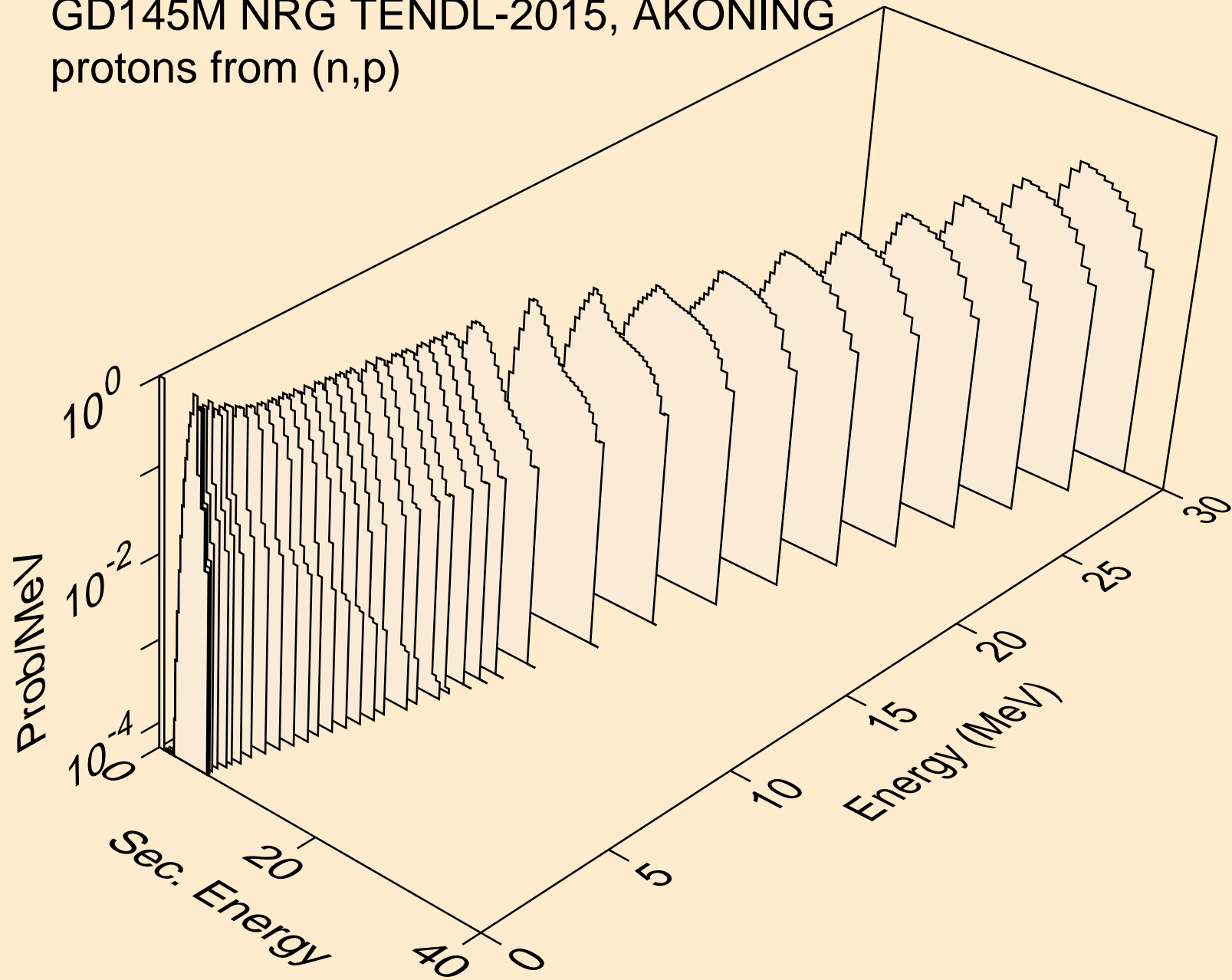
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protons from (n,2np)



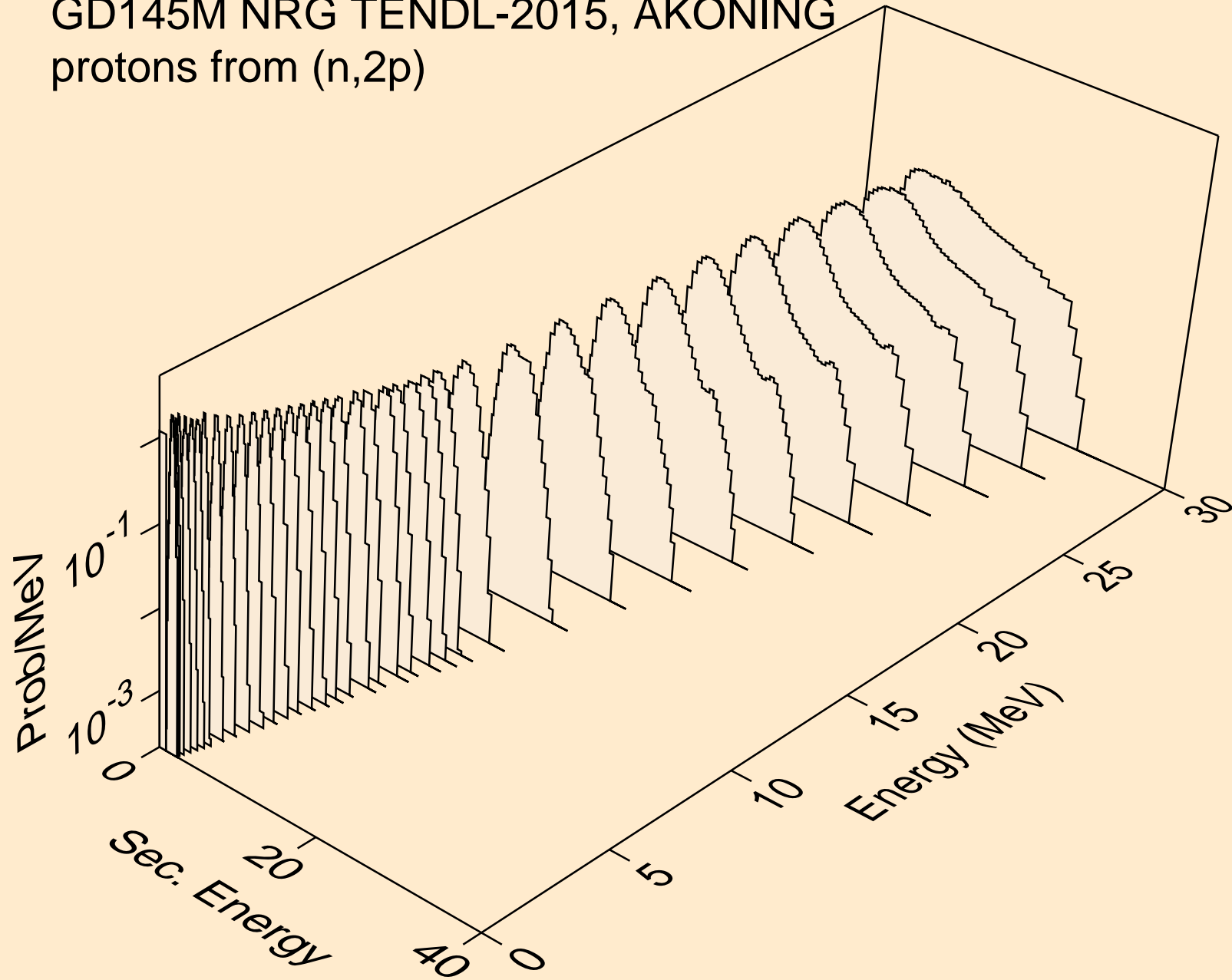
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protons from (n,npa)



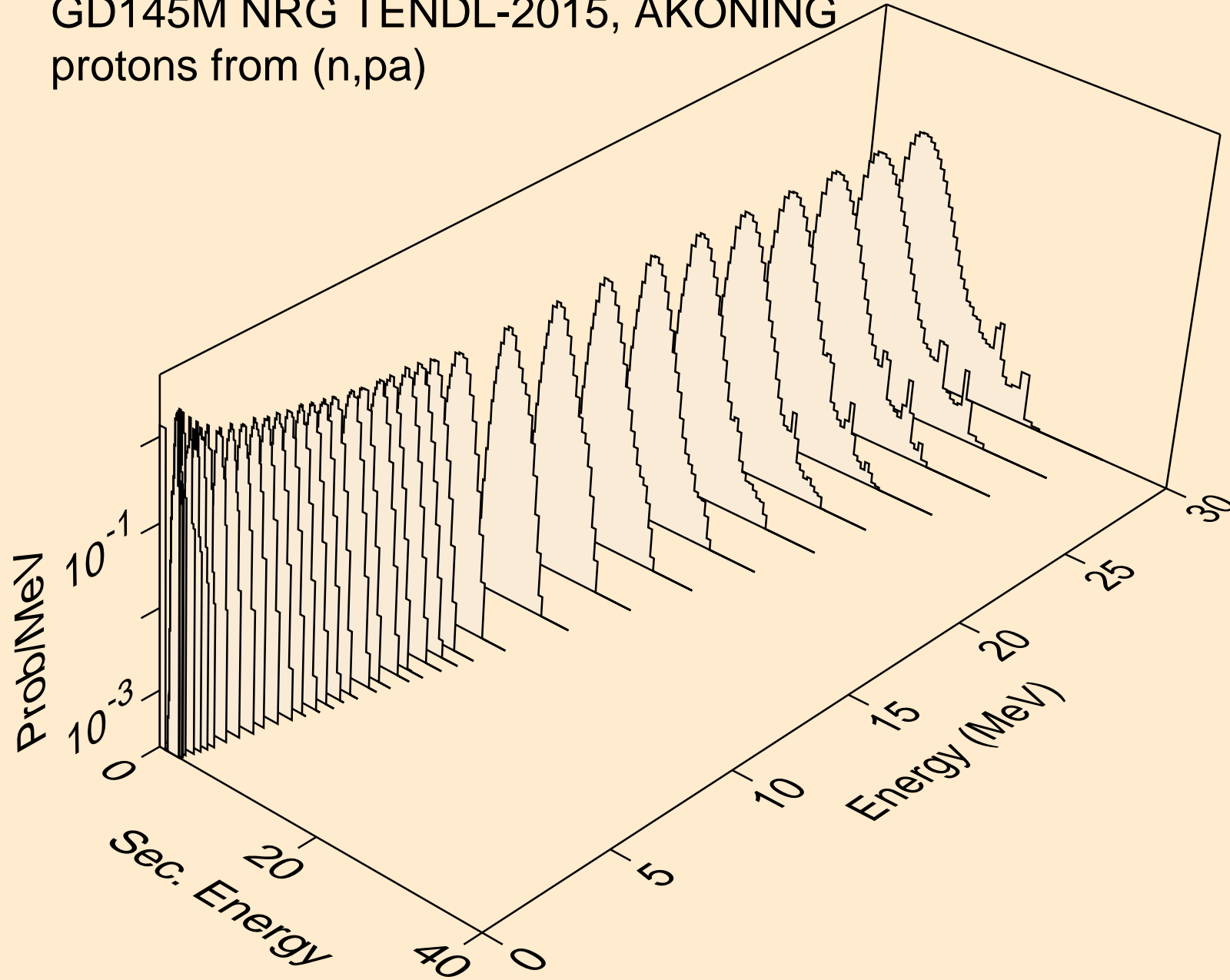
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protons from (n,p)



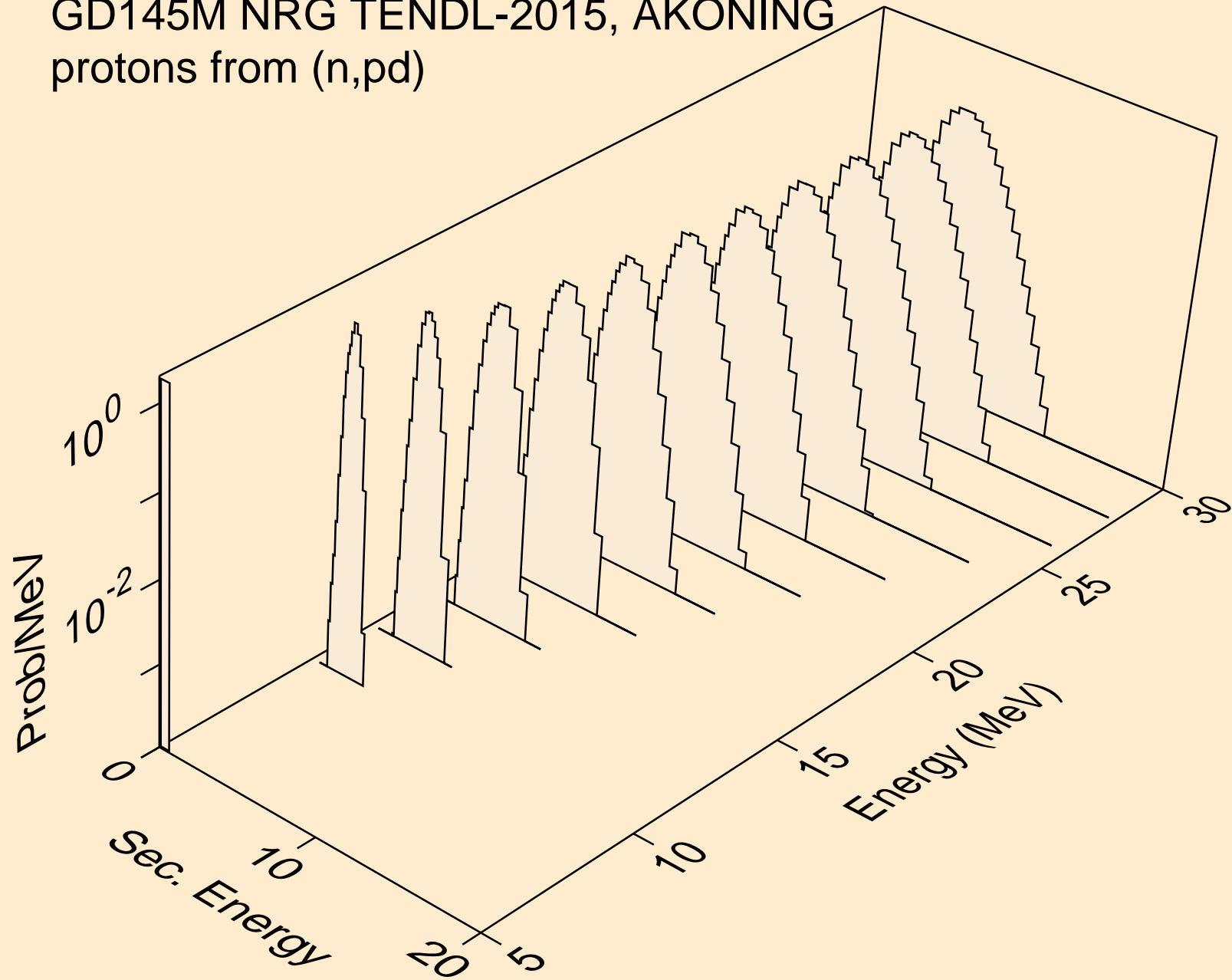
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protons from (n,2p)



GD145M NRG TENDL-2015, AKONING  
protons from (n,pa)

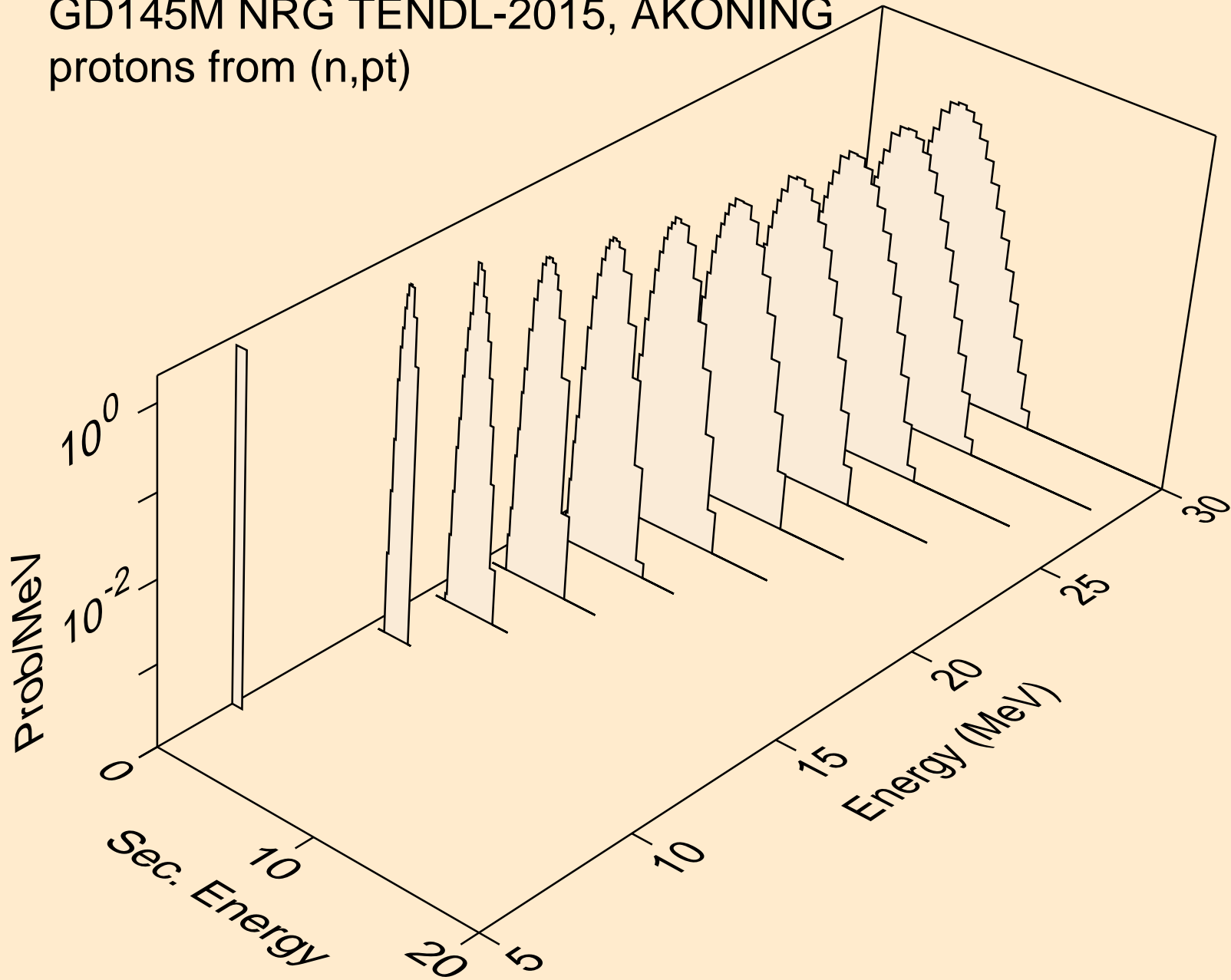


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protons from (n,pd)

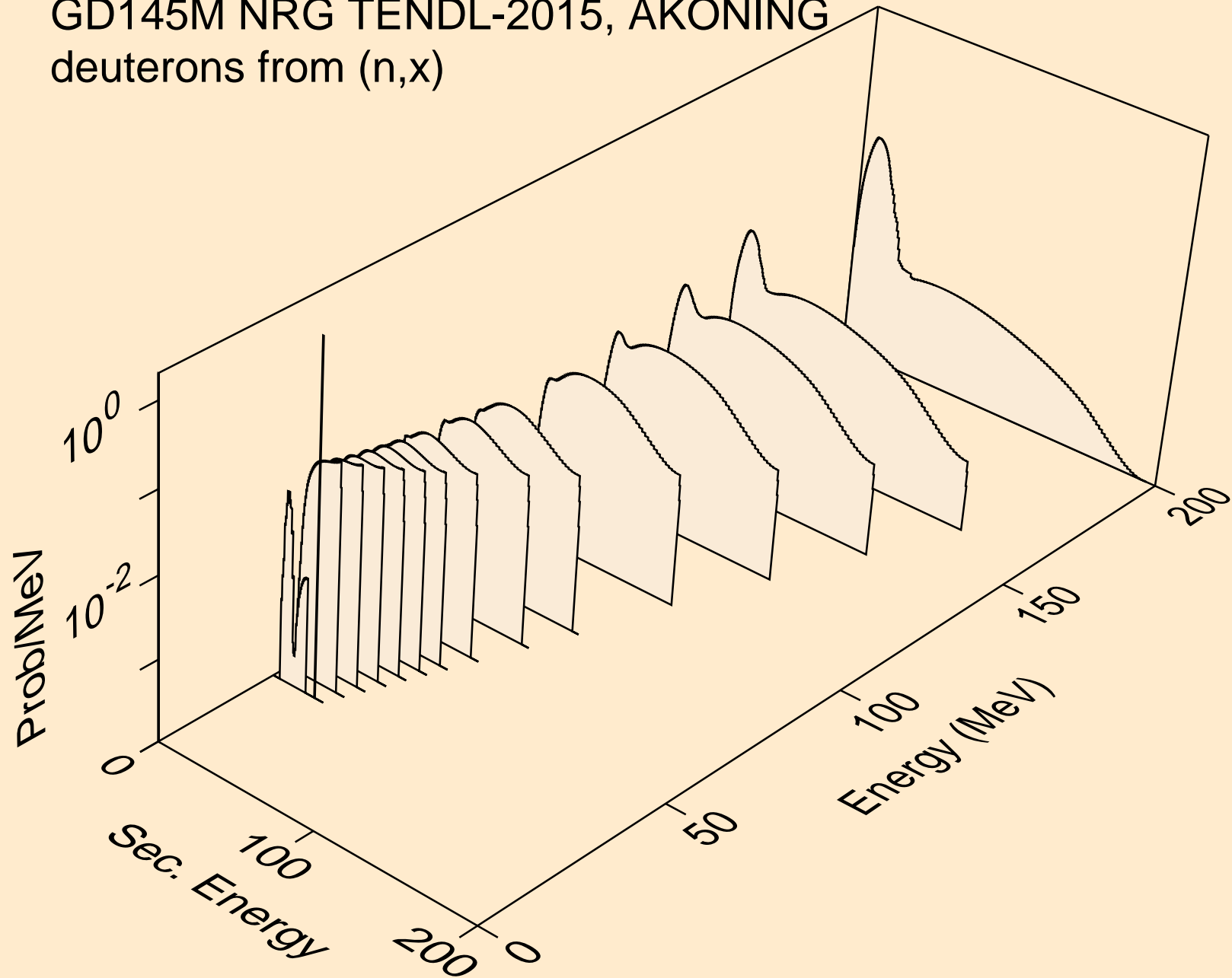




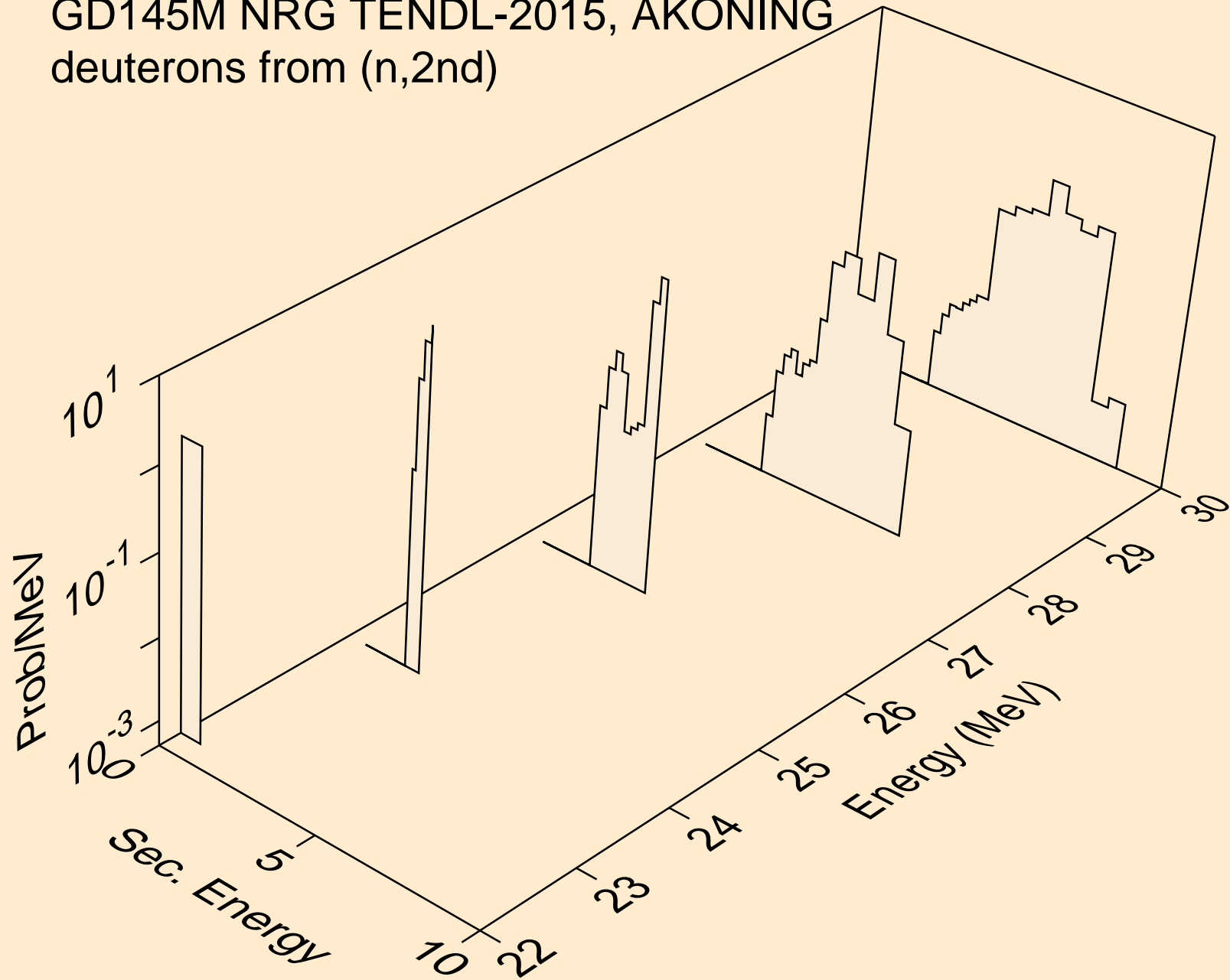
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protons from (n,pt)



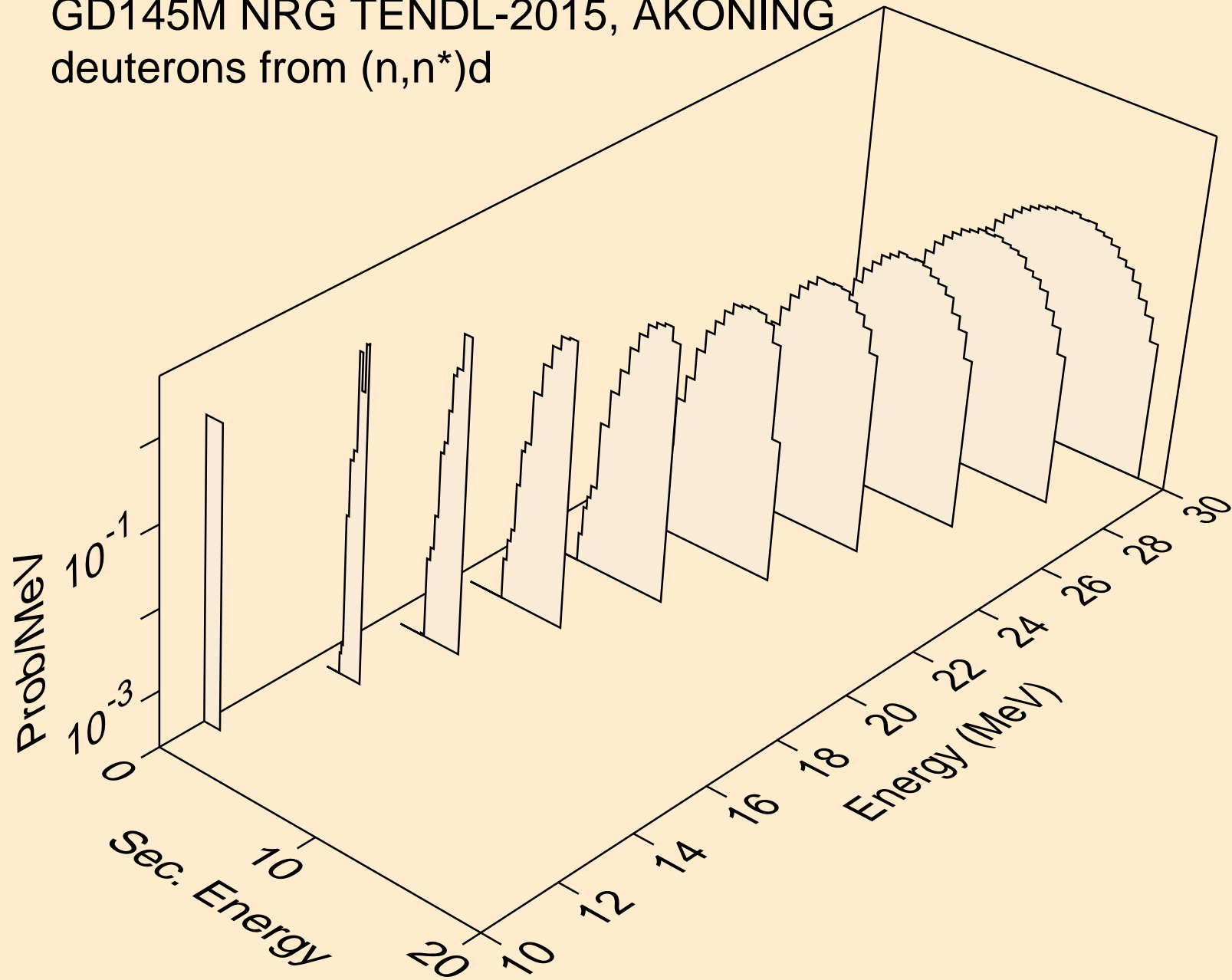
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deuterons from (n,x)



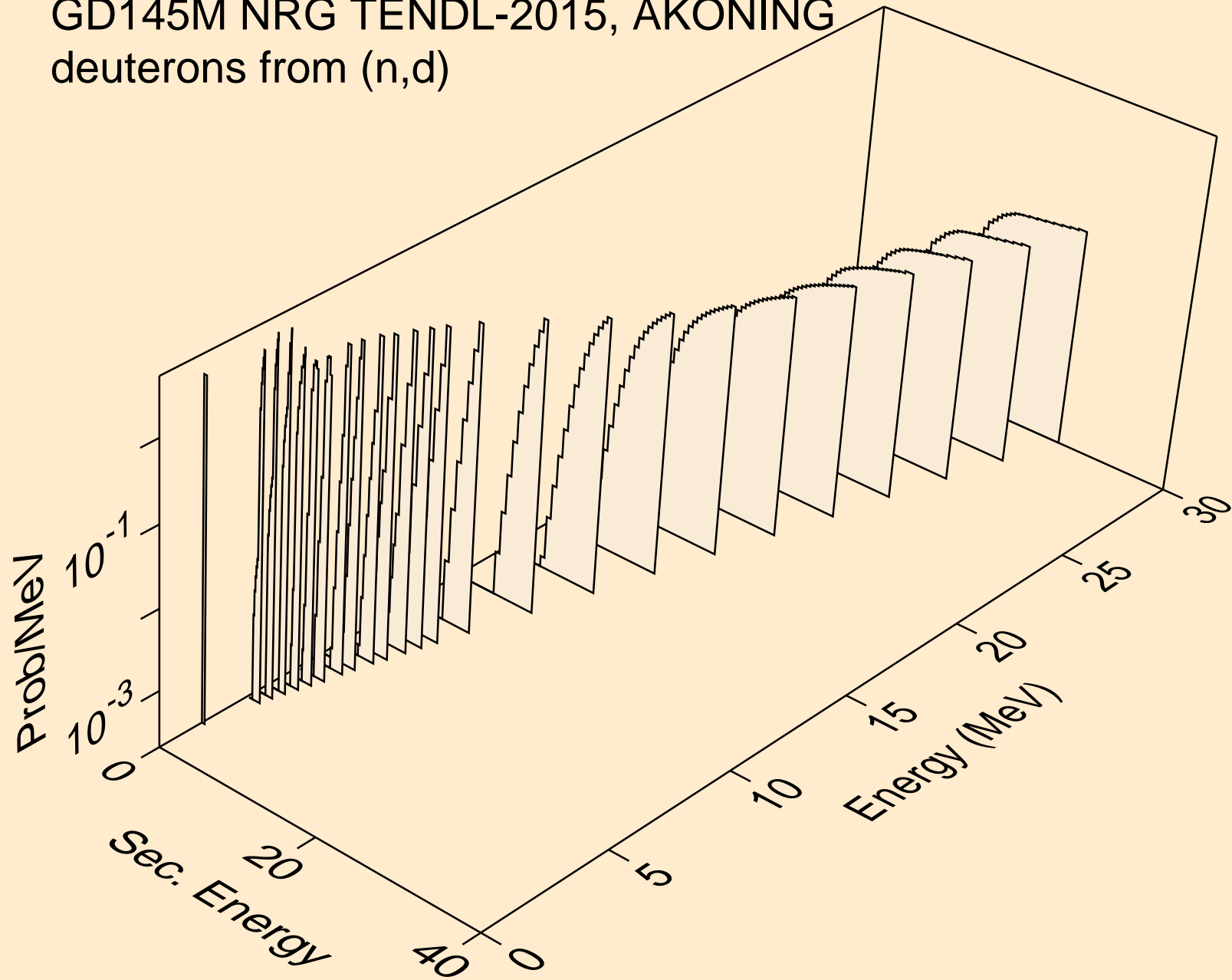
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deuterons from (n,2nd)



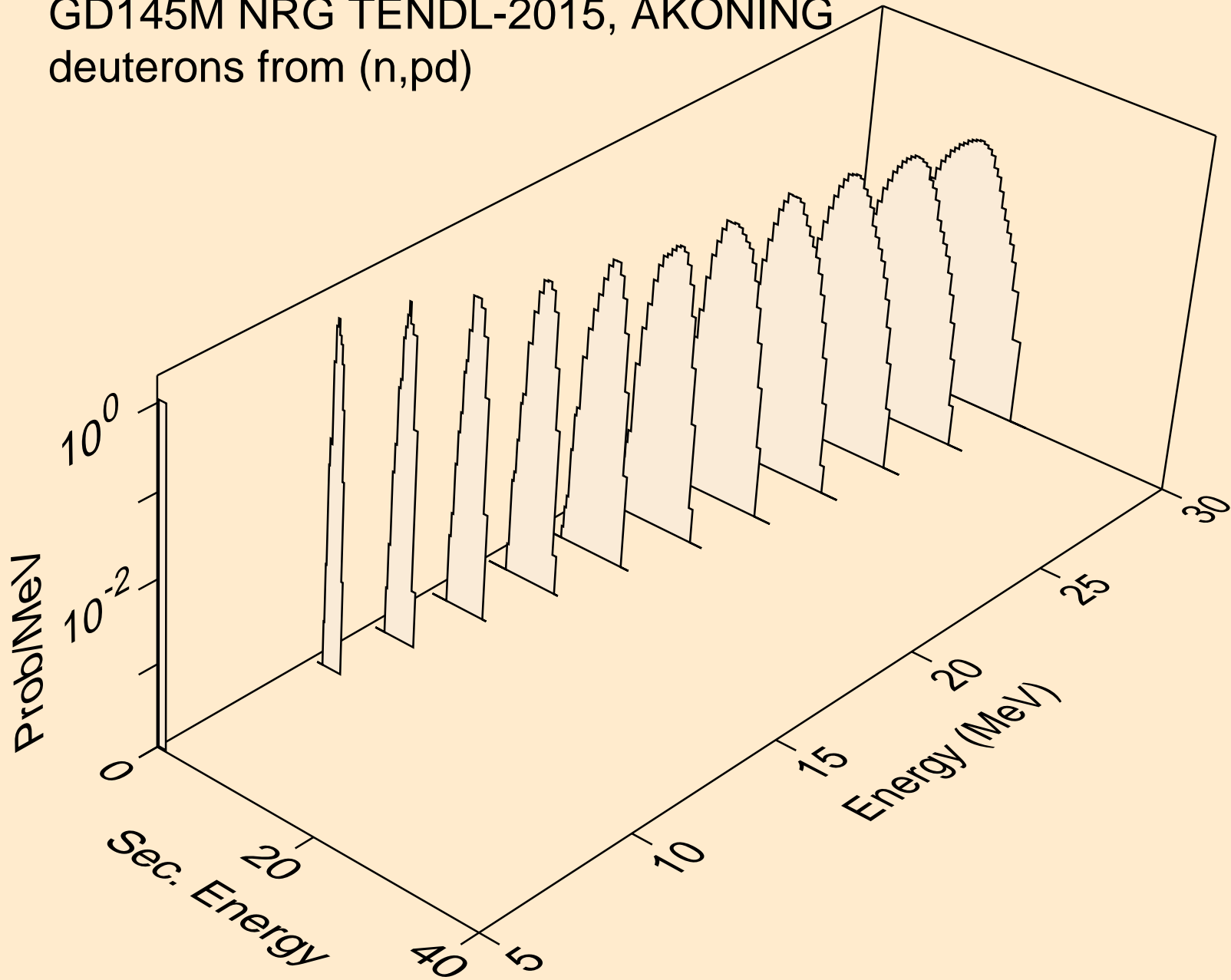
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deuterons from (n,n\*)d



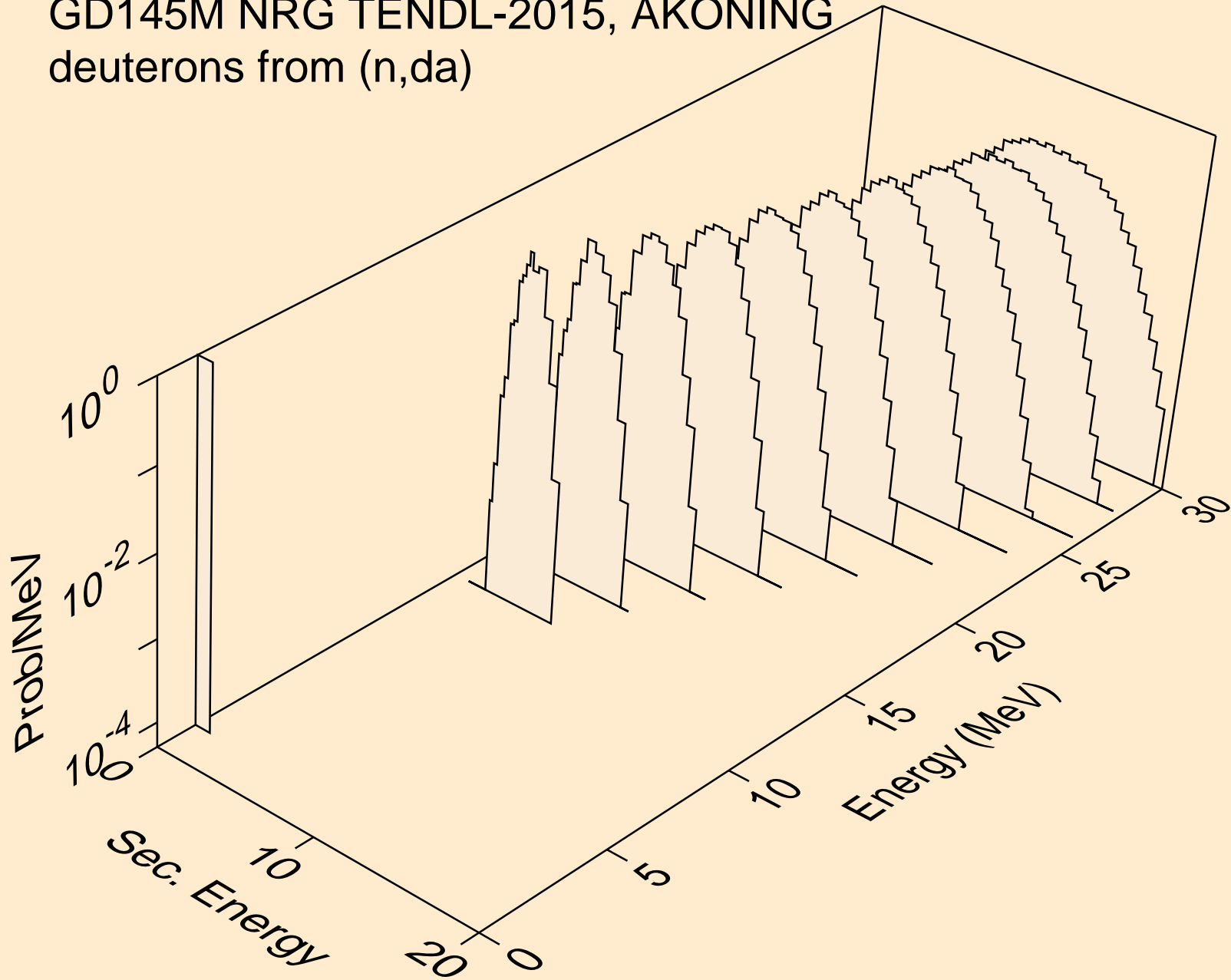
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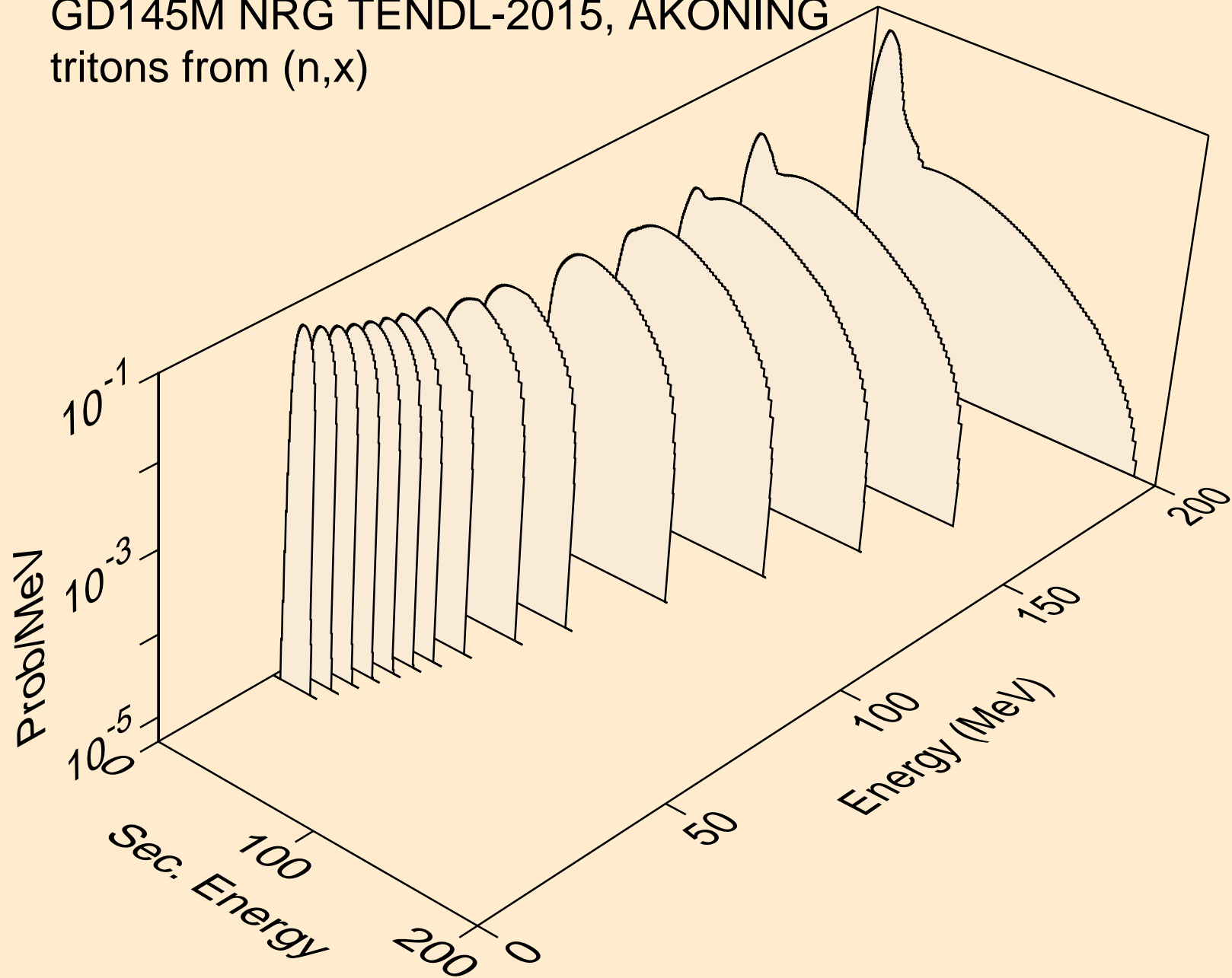
GD145M NRG TENDL-2015, AKONING  
deuterons from (n,pd)



GD145M NRG TENDL-2015, AKONING  
deuterons from (n,da)

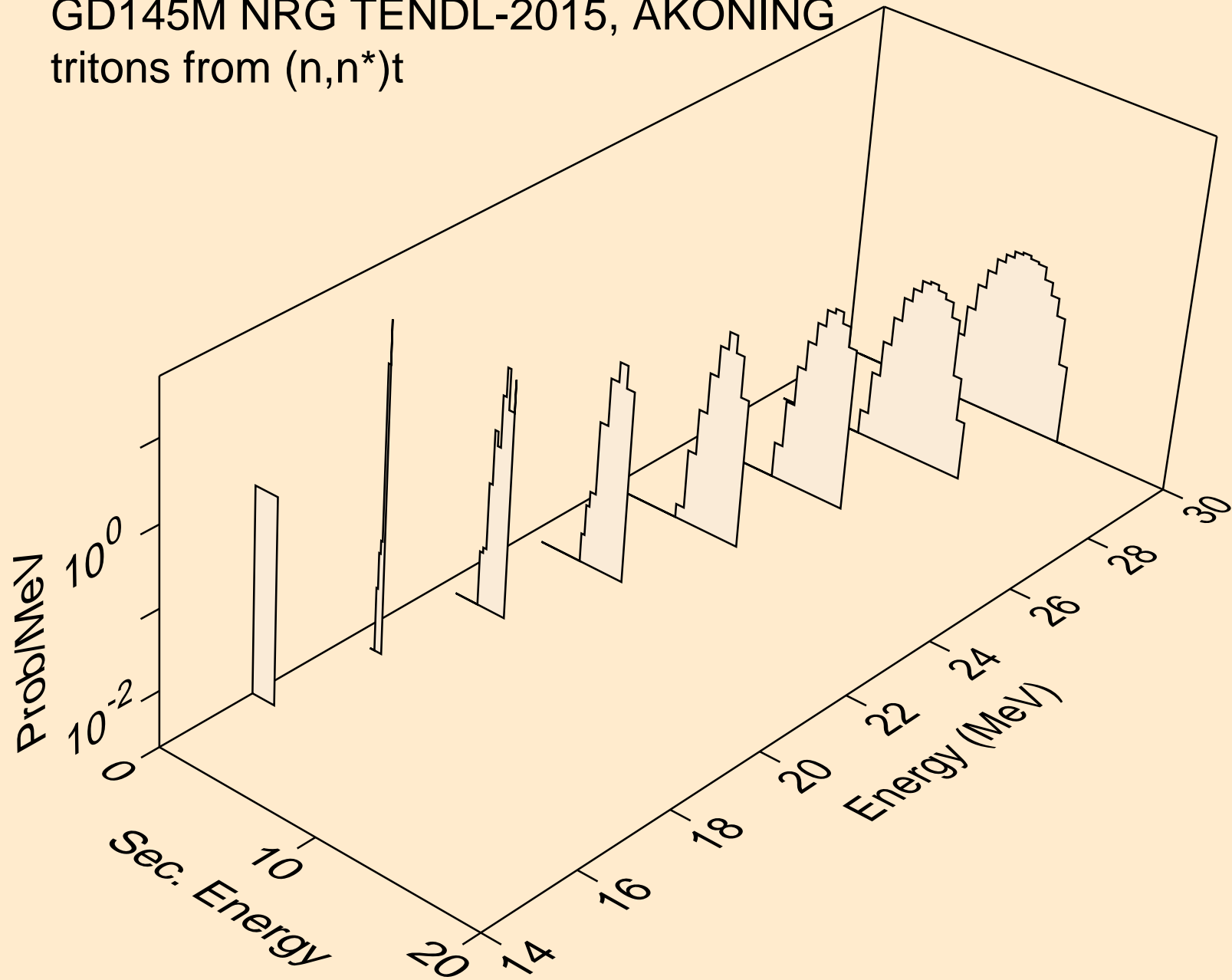


GD145M NRG TENDL-2015, AKONING  
tritons from (n,x)

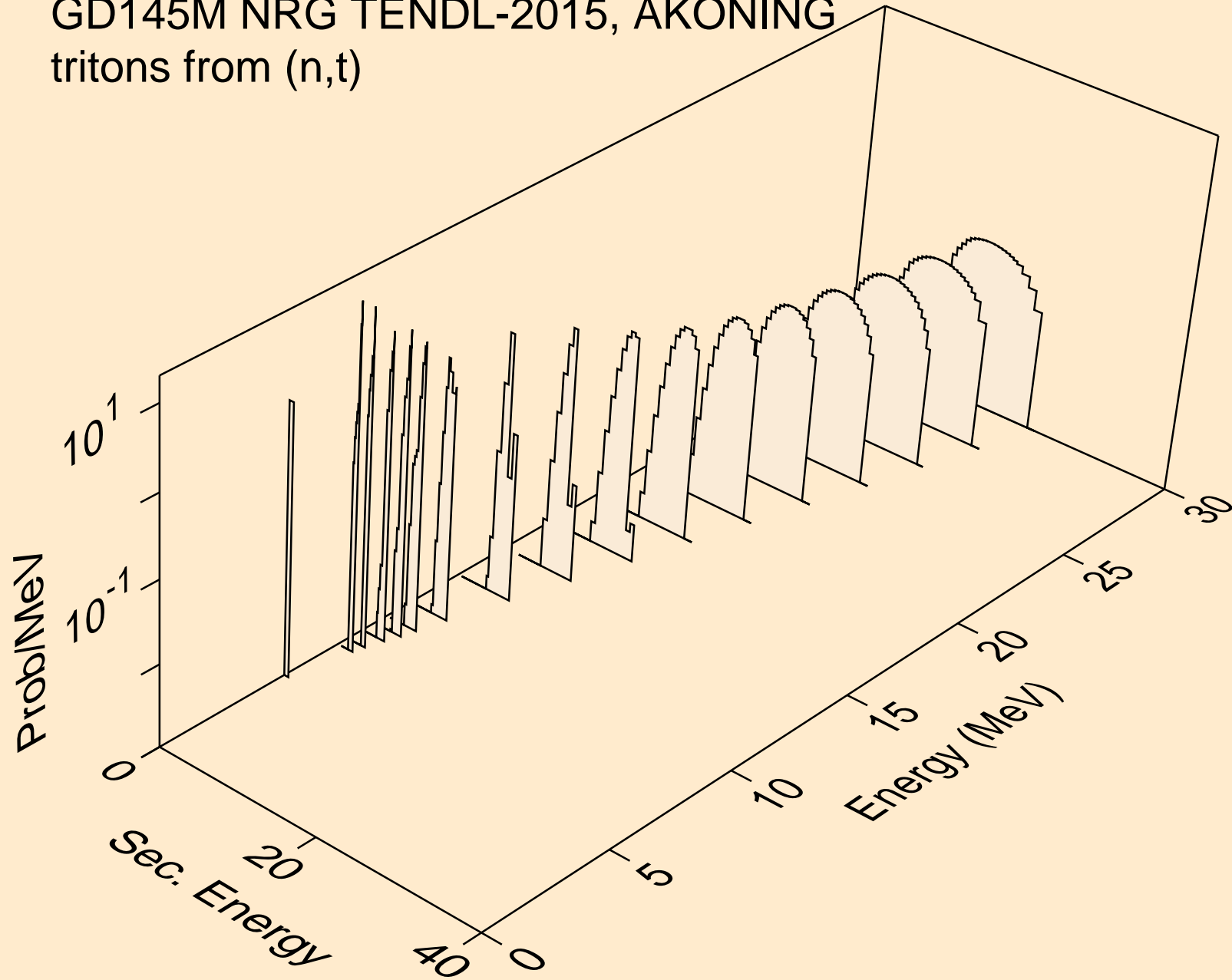




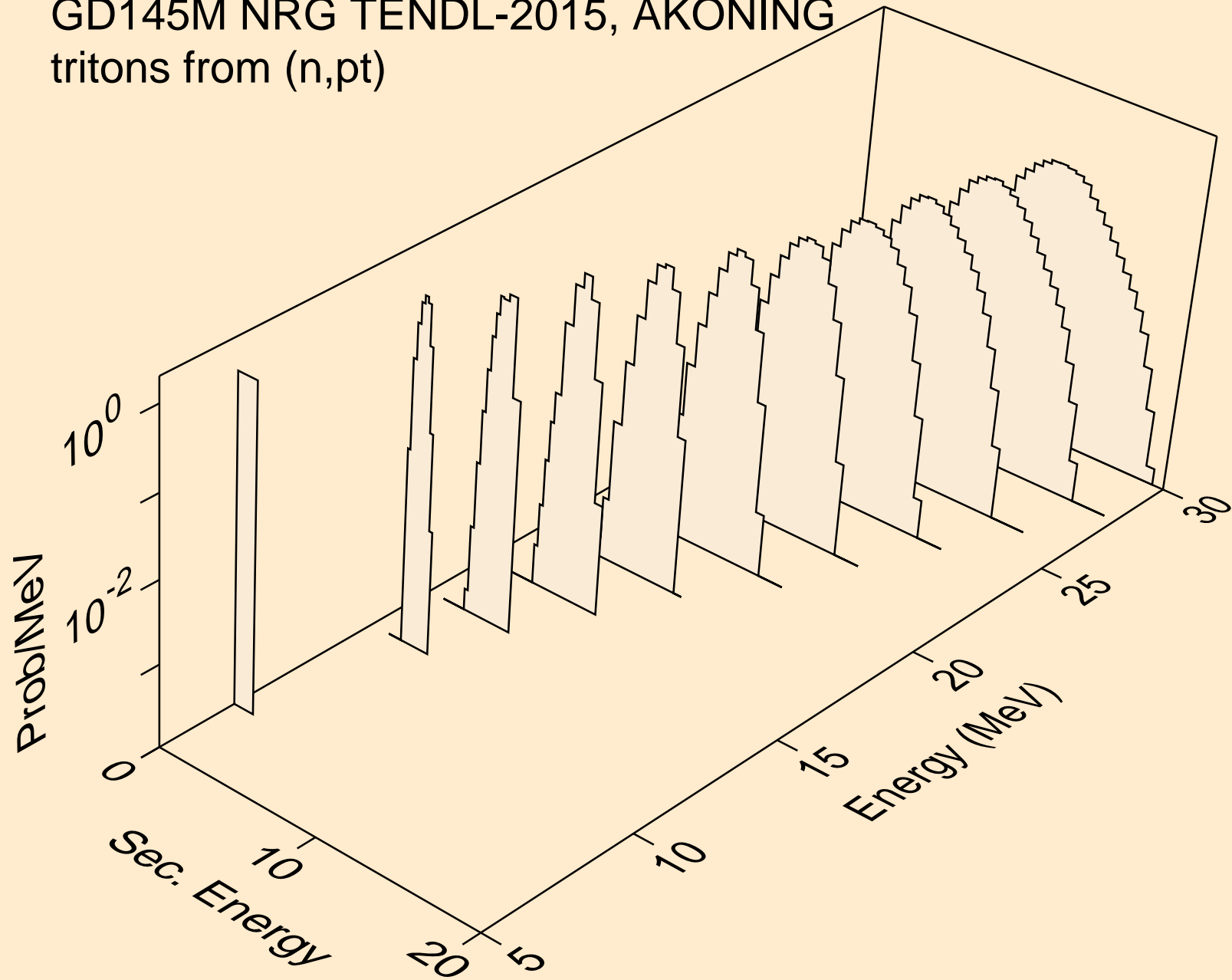
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tritons from (n,n\*)t



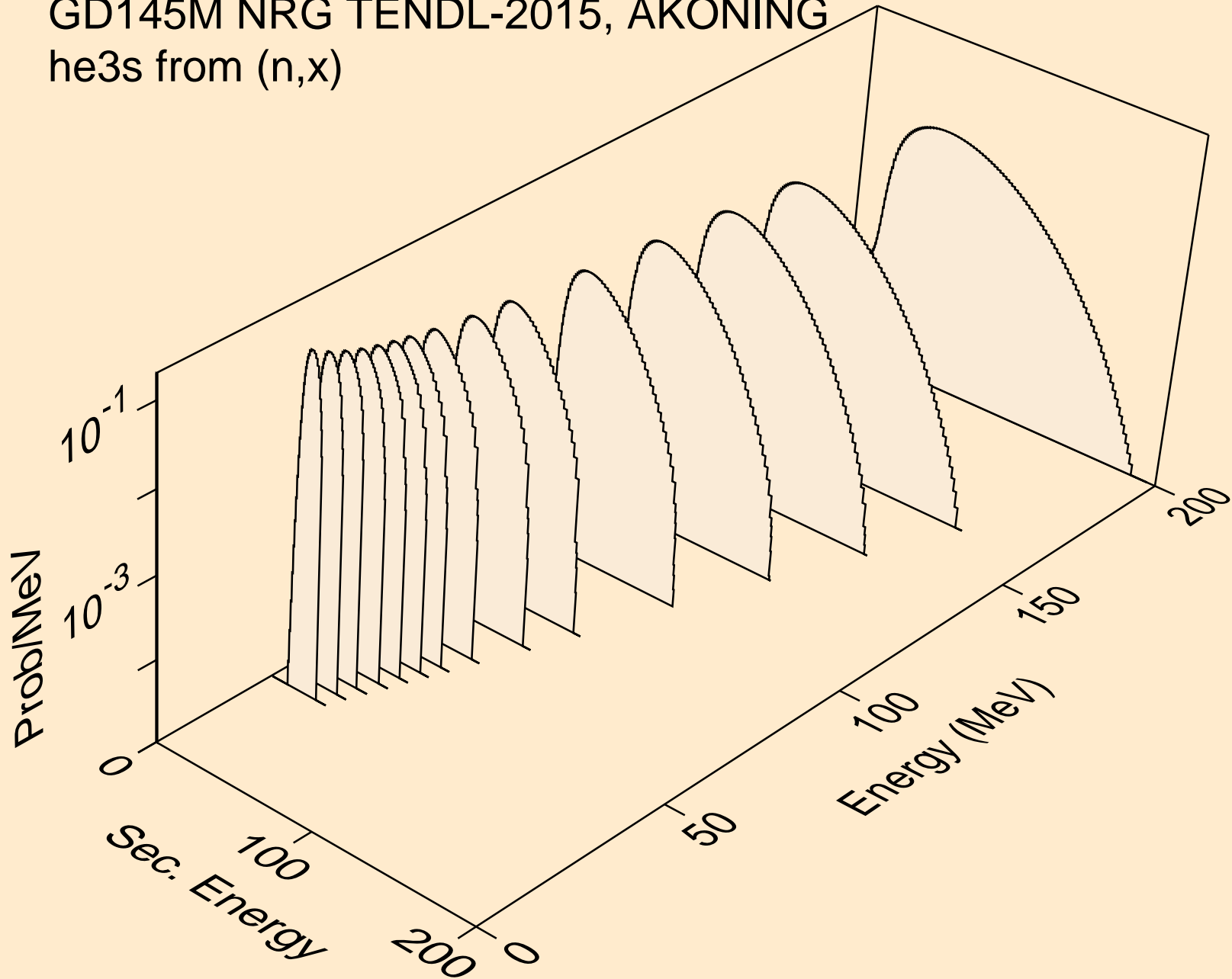
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tritons from (n,t)



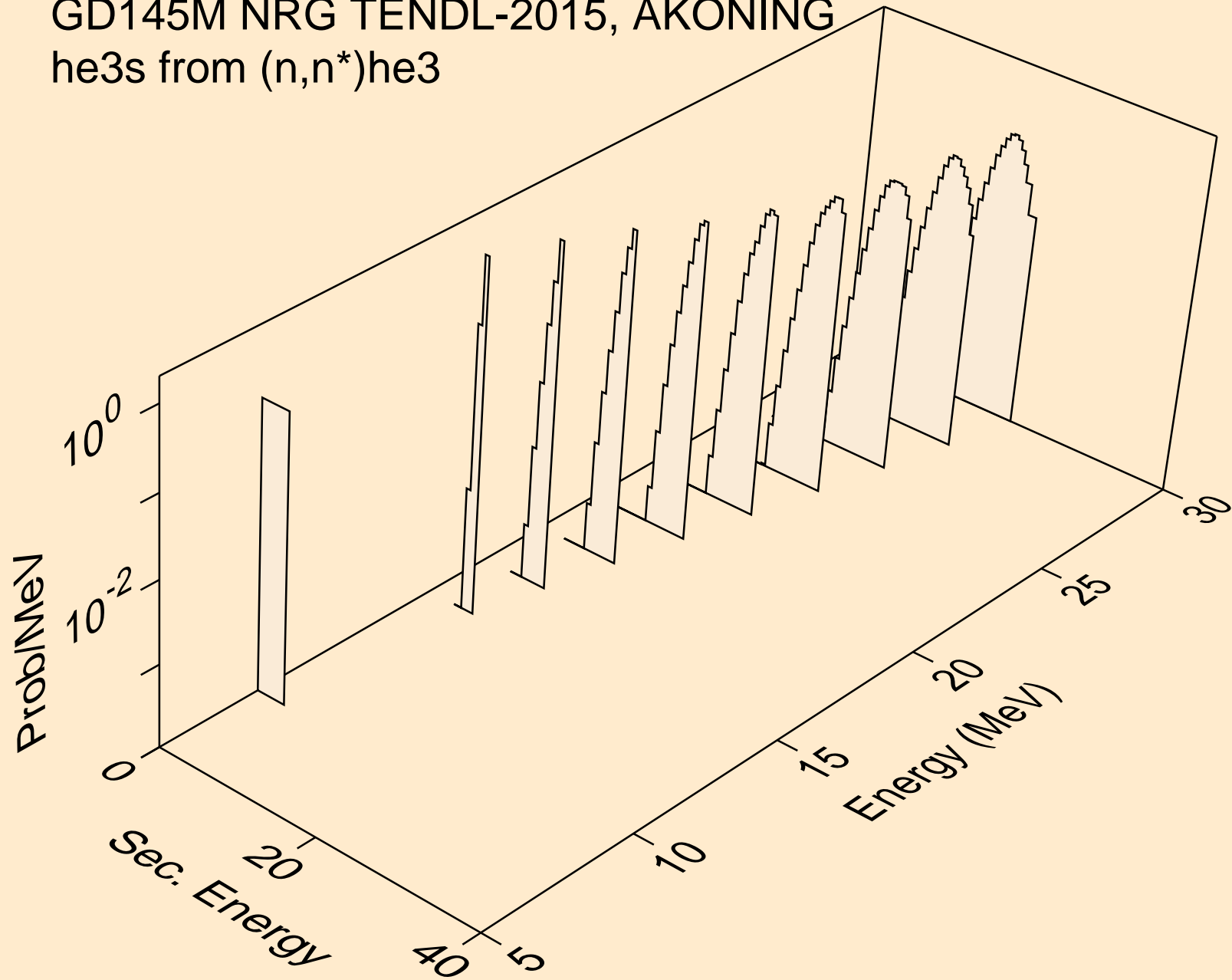
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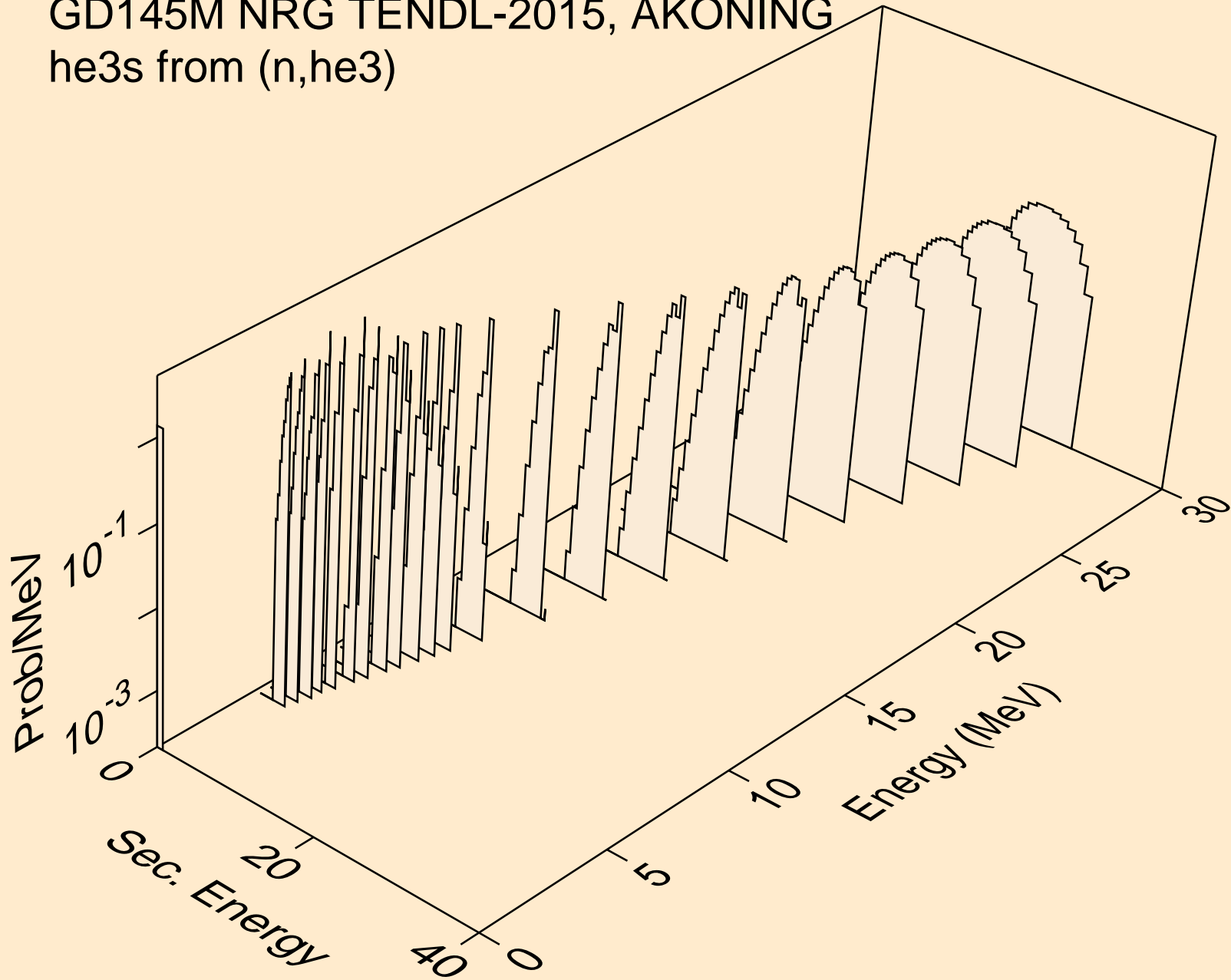
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he3s from (n,x)



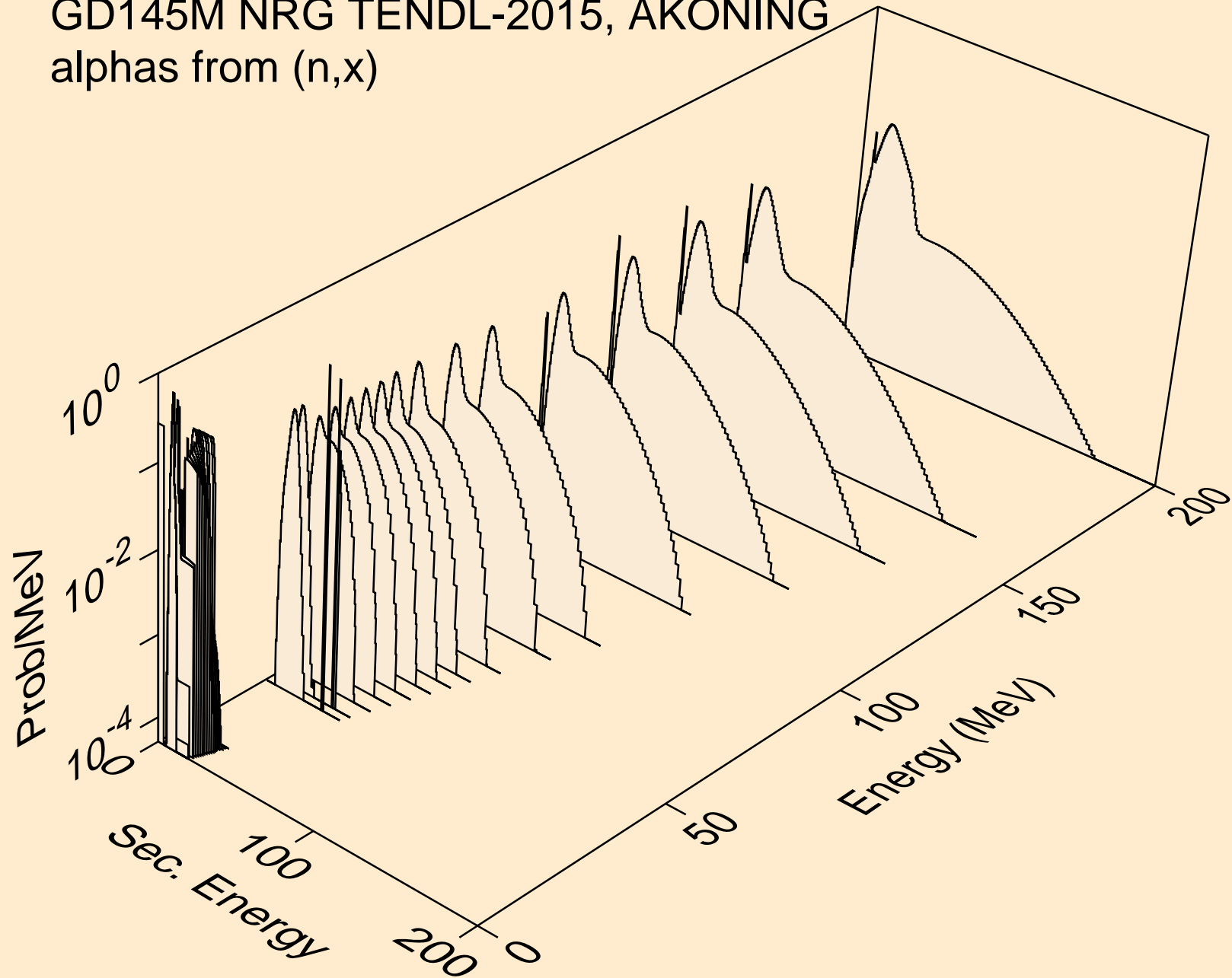
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he3s from (n,n\*)he3



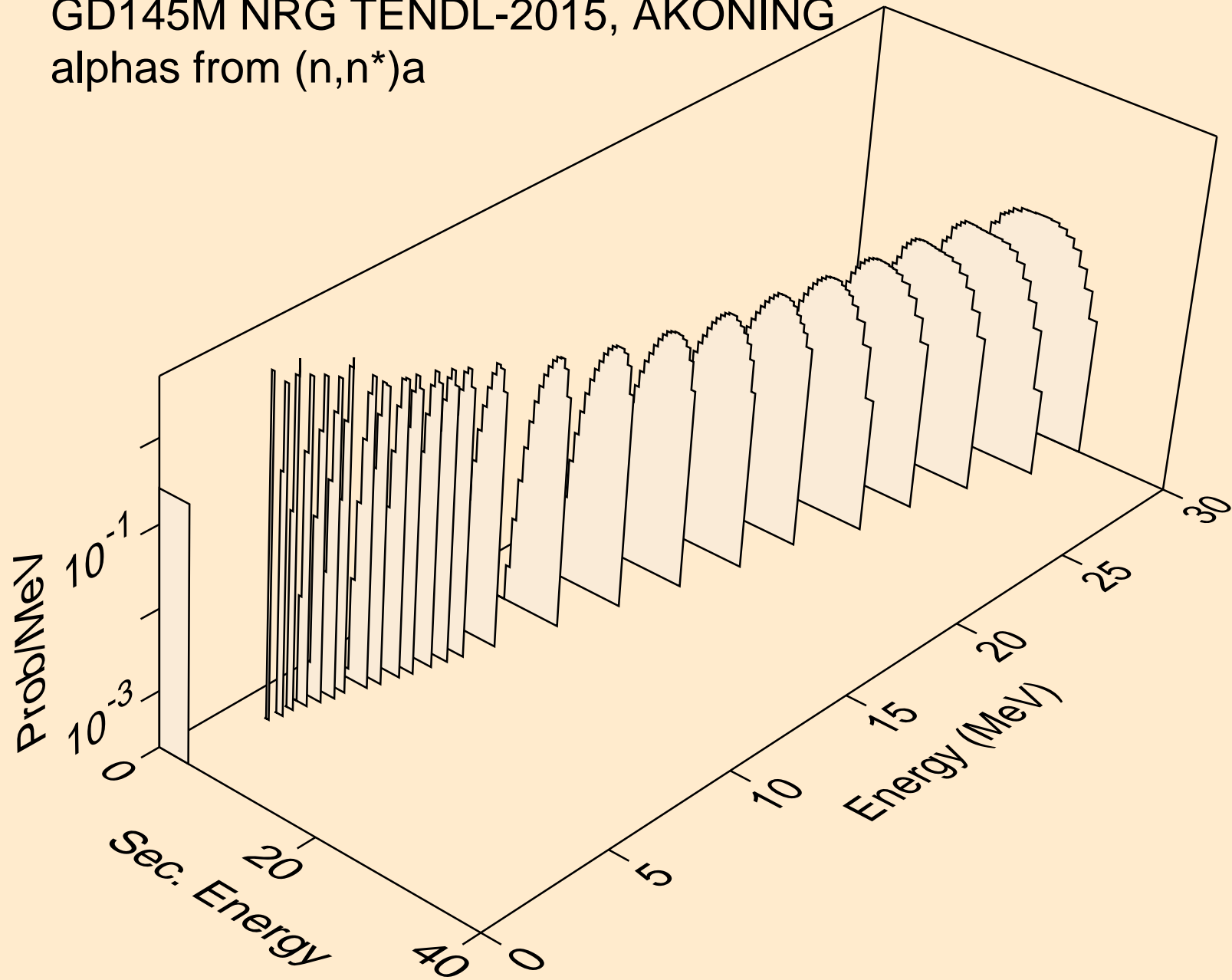
GD145M NRG TENDL-2015, AKONING  
he3s from (n,he3)



GD145M NRG TENDL-2015, AKONING  
alphas from (n,x)

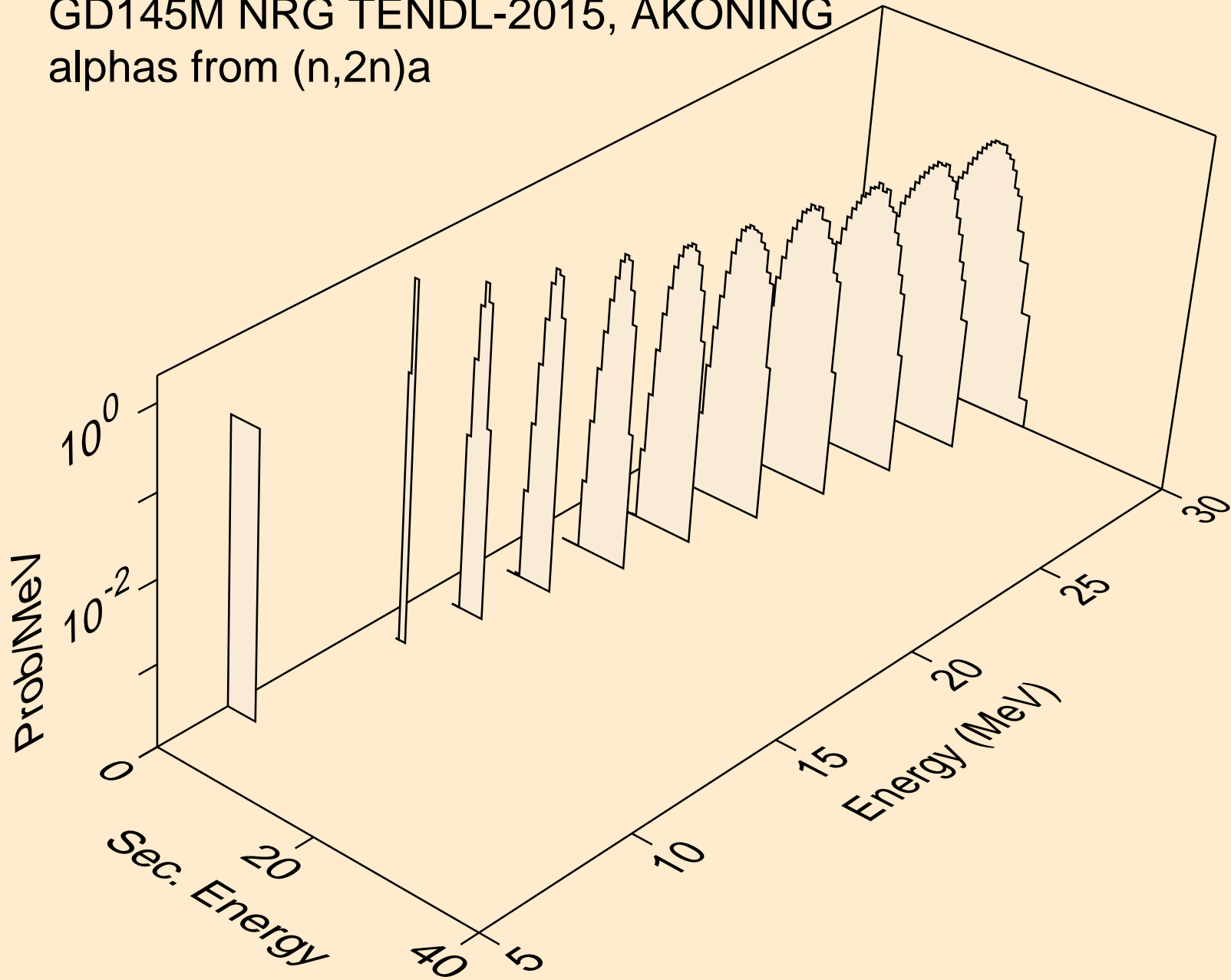


GD145M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

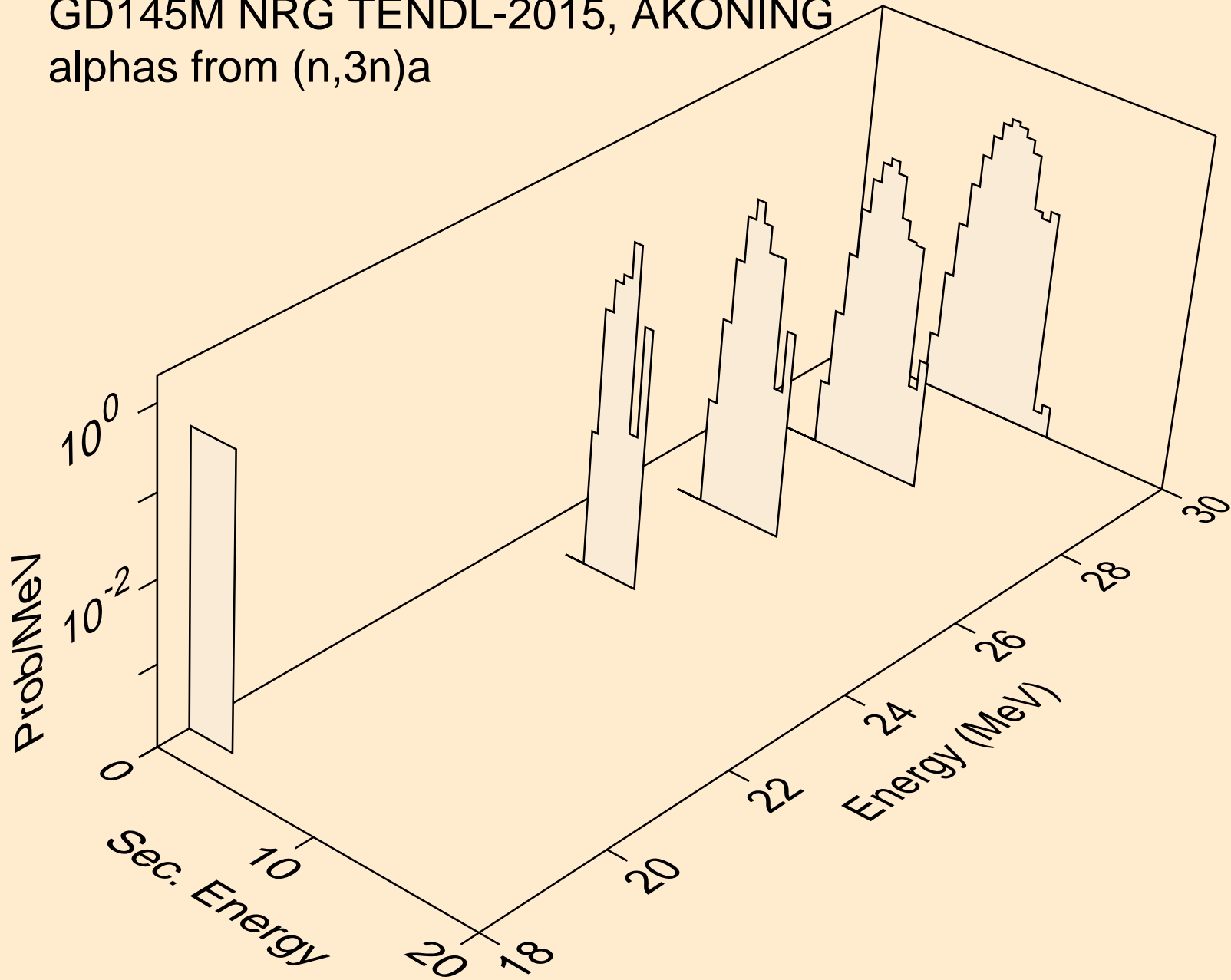




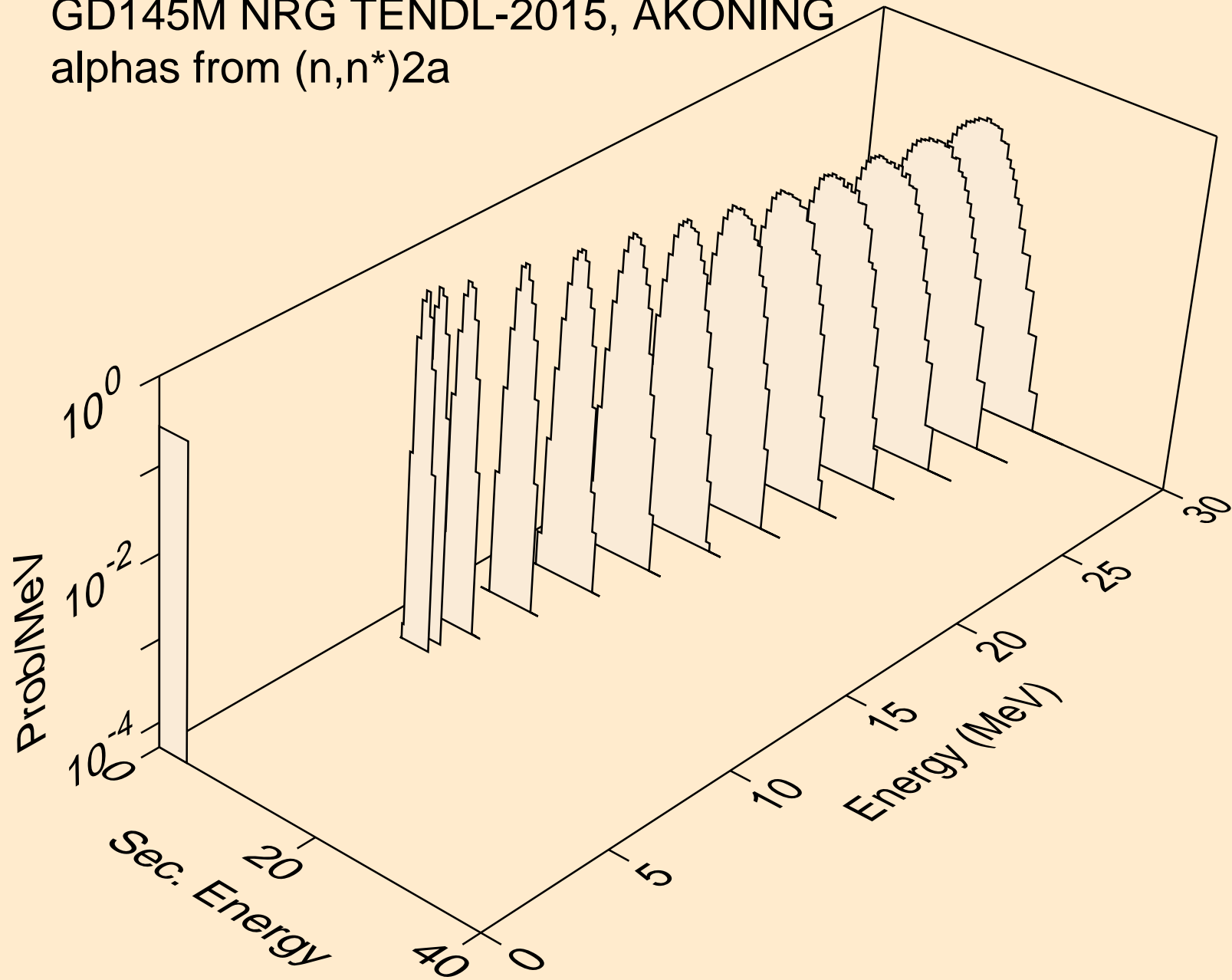
GD145M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



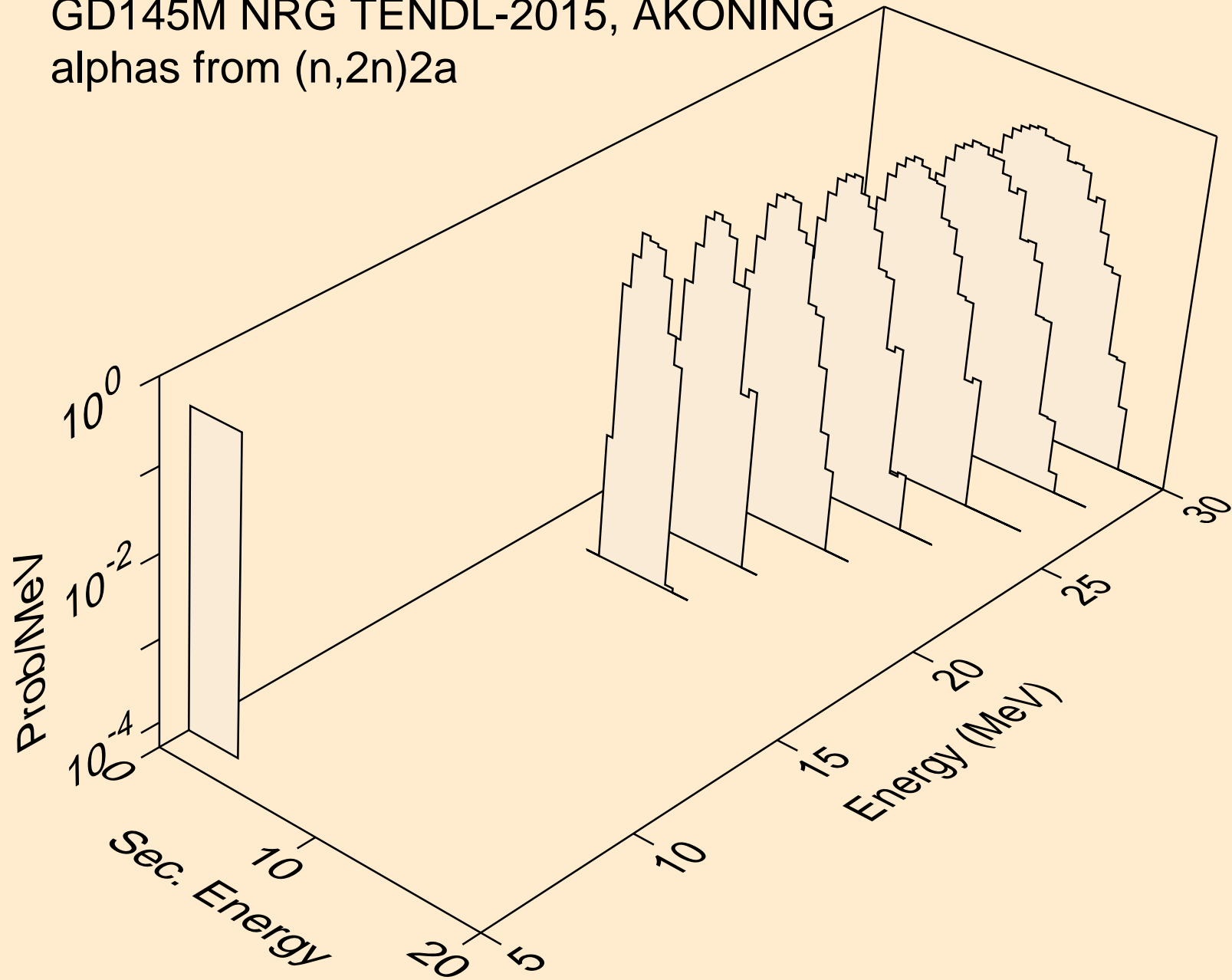
GD145M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



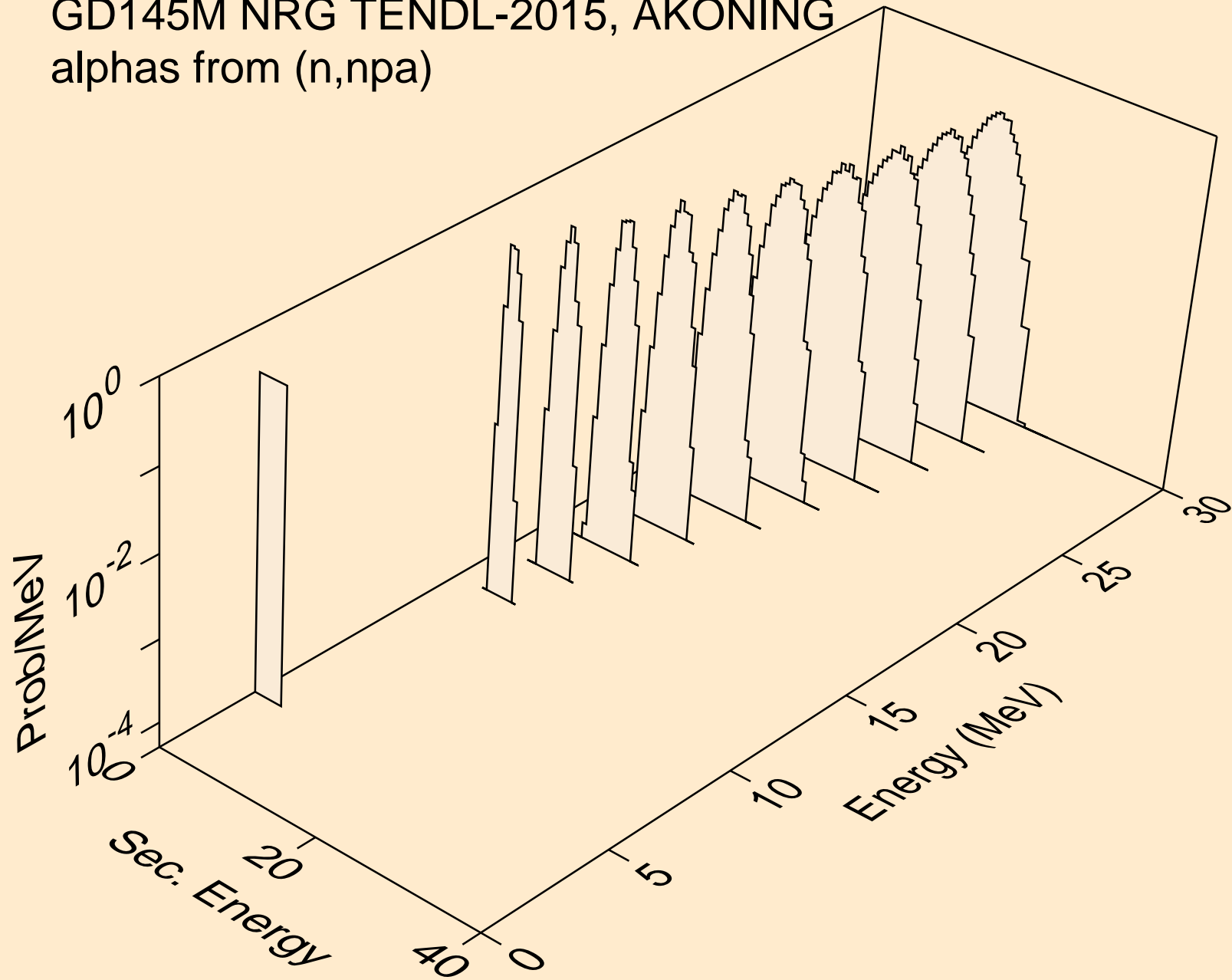
GD145M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



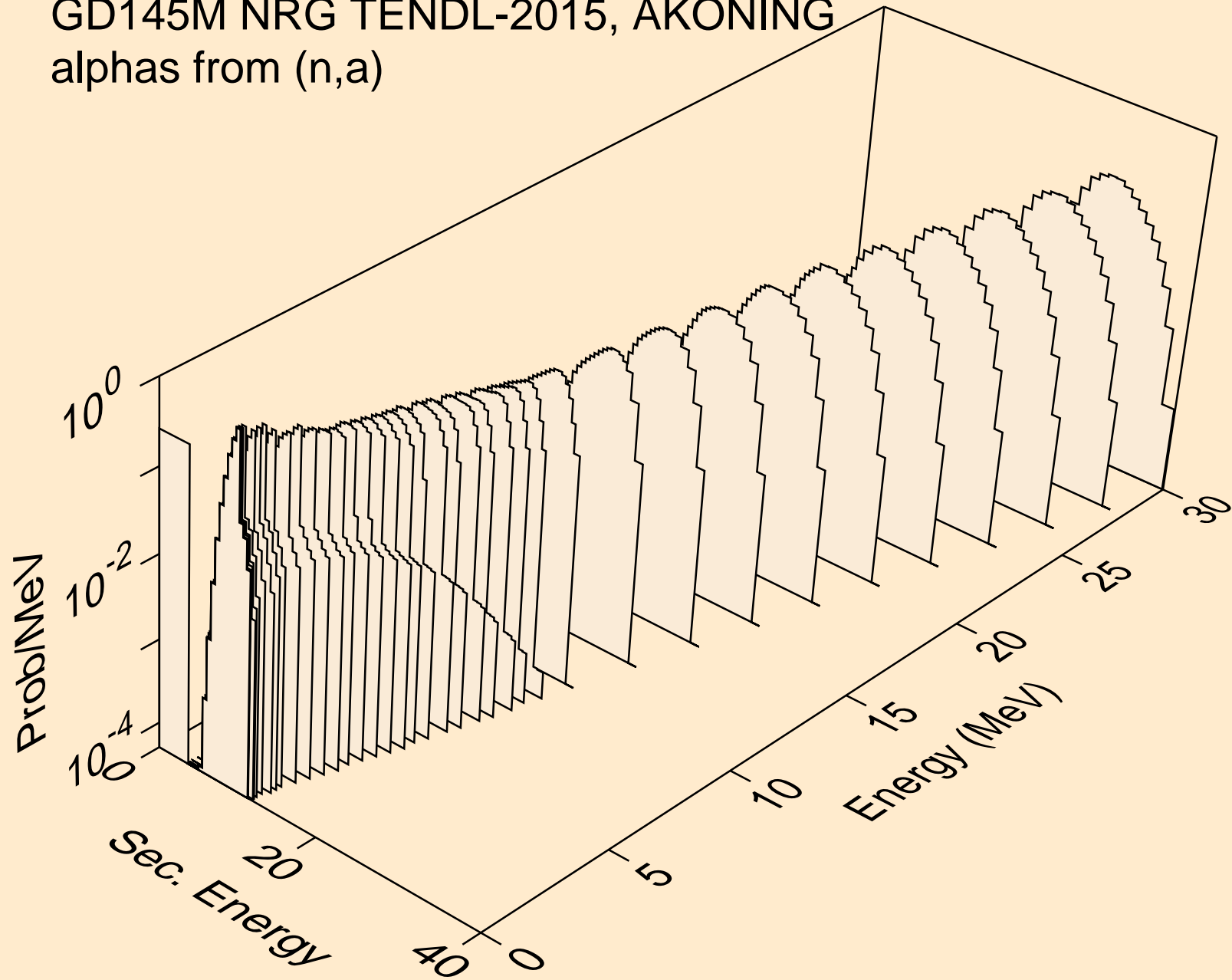
GD145M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



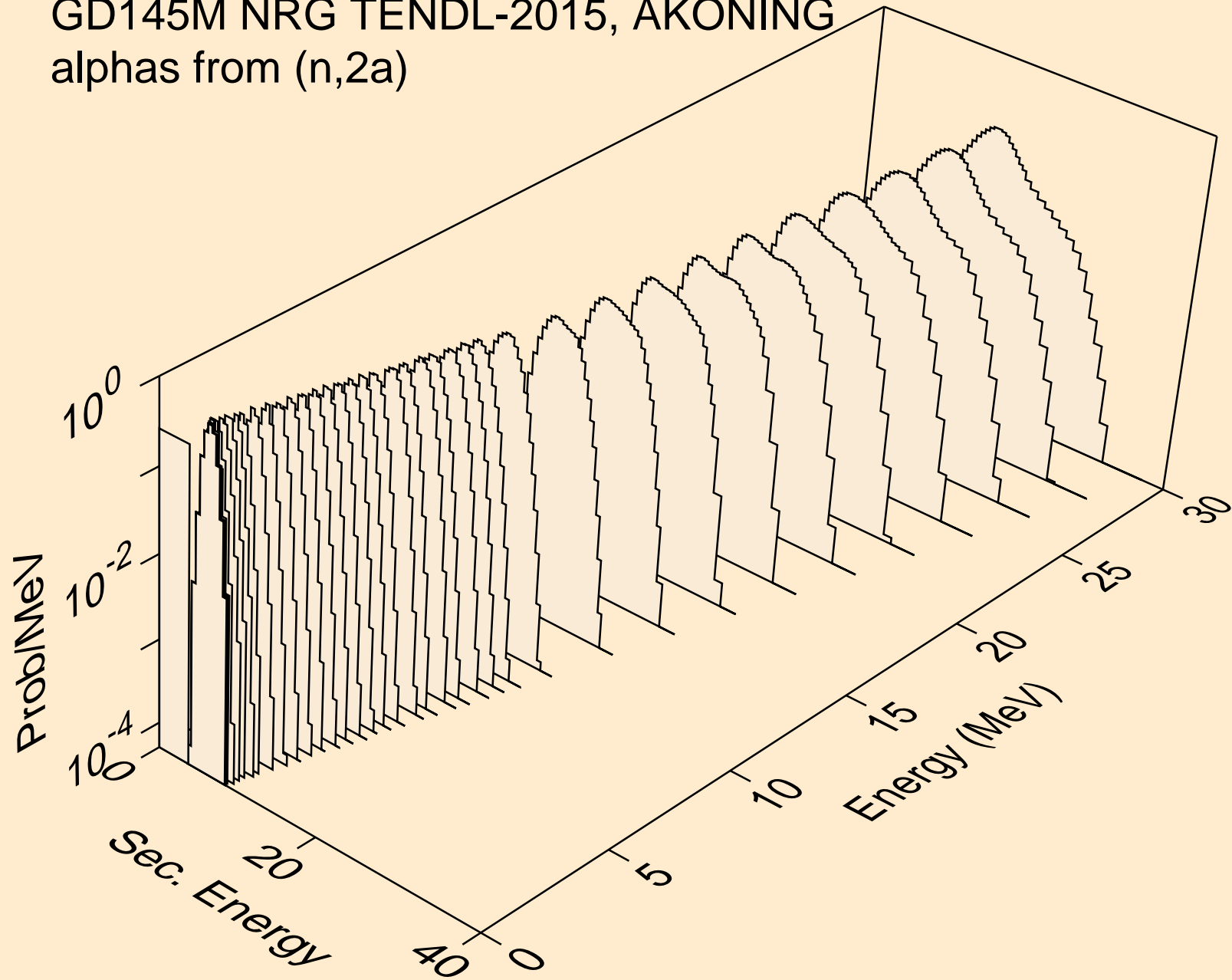
GD145M NRG TENDL-2015, AKONING  
alphas from (n,npa)



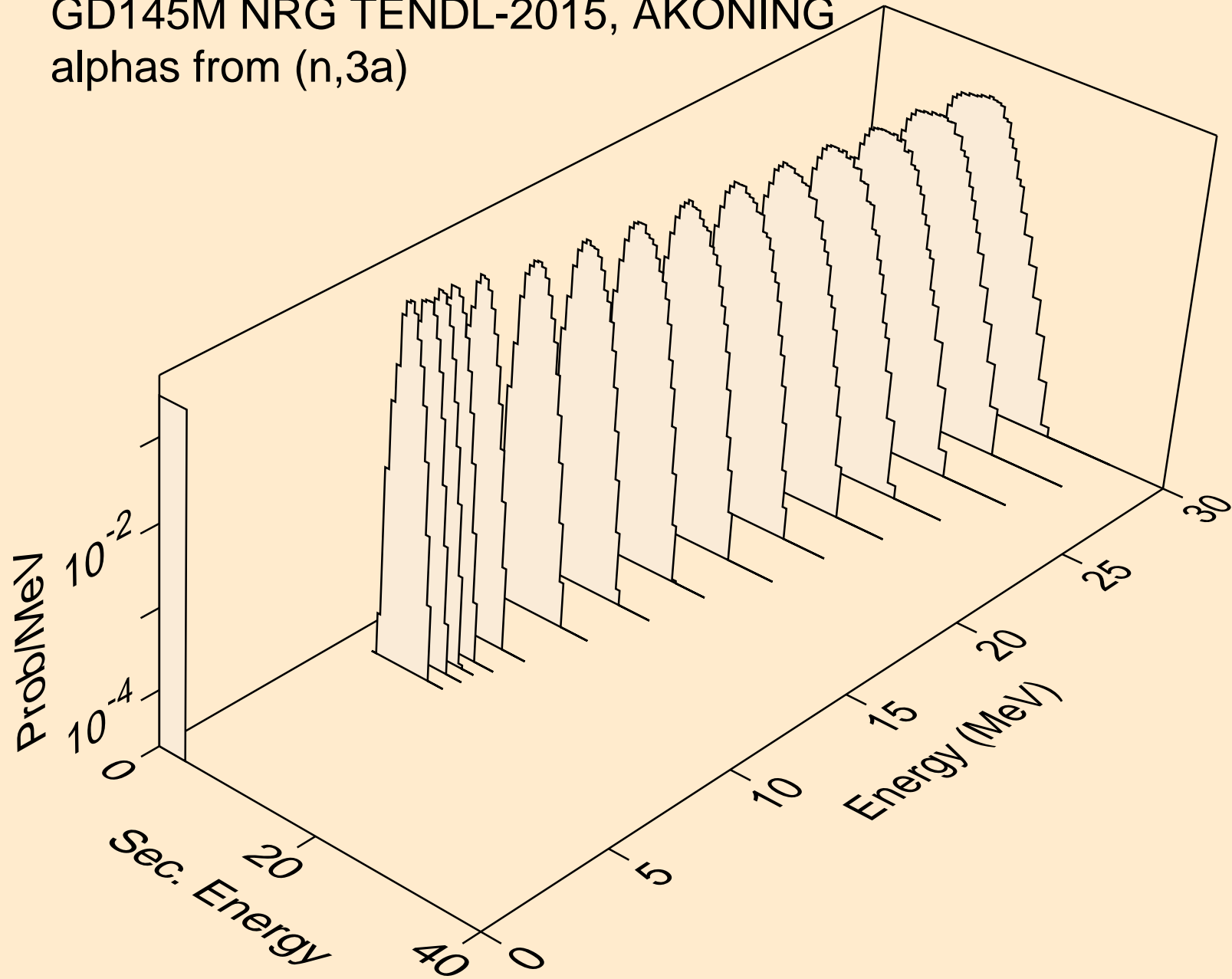
GD145M NRG TENDL-2015, AKONING  
alphas from (n,a)



GD145M NRG TENDL-2015, AKONING  
alphas from (n,2a)

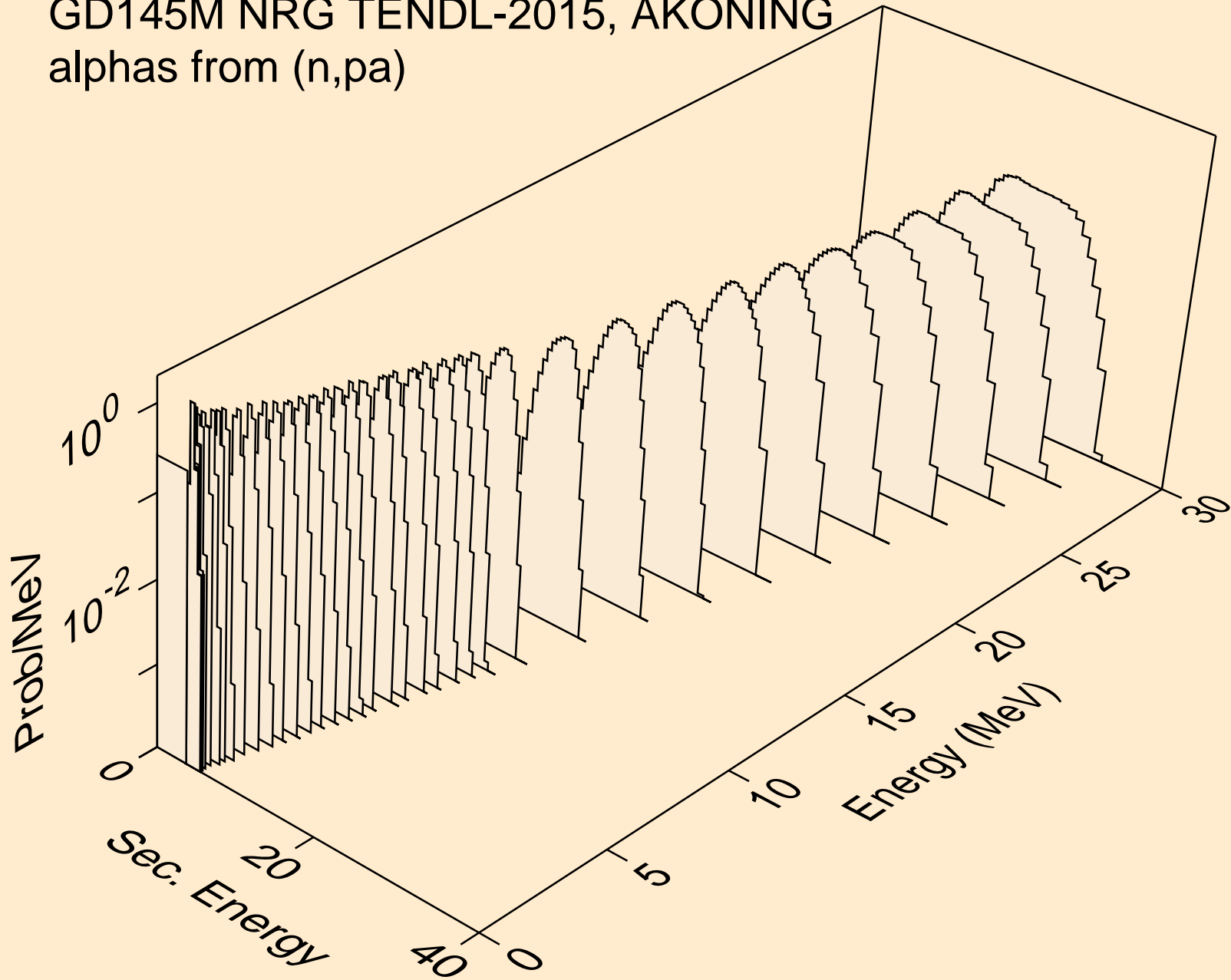


GD145M NRG TENDL-2015, AKONING  
alphas from (n,3a)





GD145M NRG TENDL-2015, AKONING  
alphas from (n,pa)



GD145M NRG TENDL-2015, AKONING  
alphas from (n,da)

