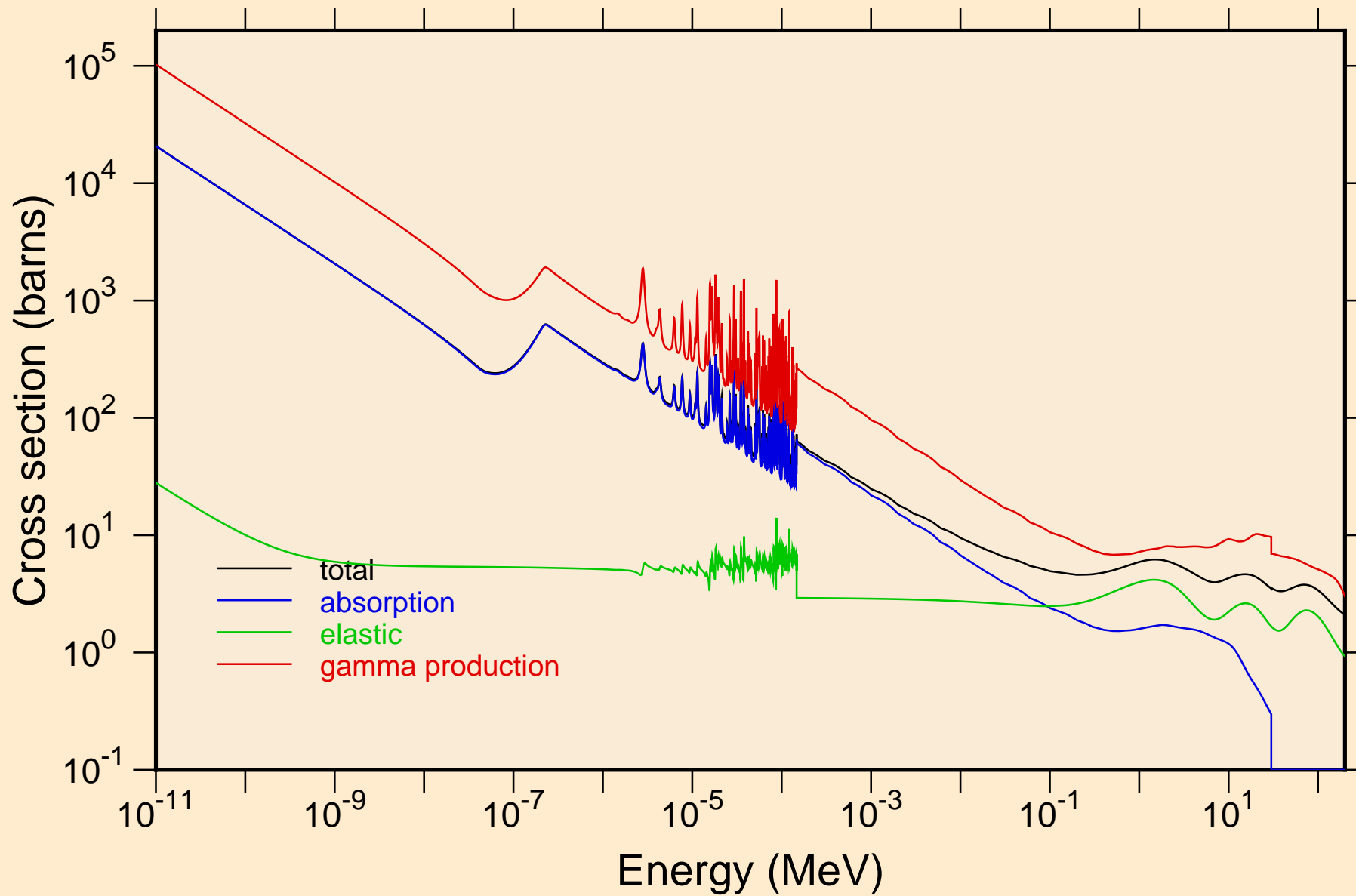
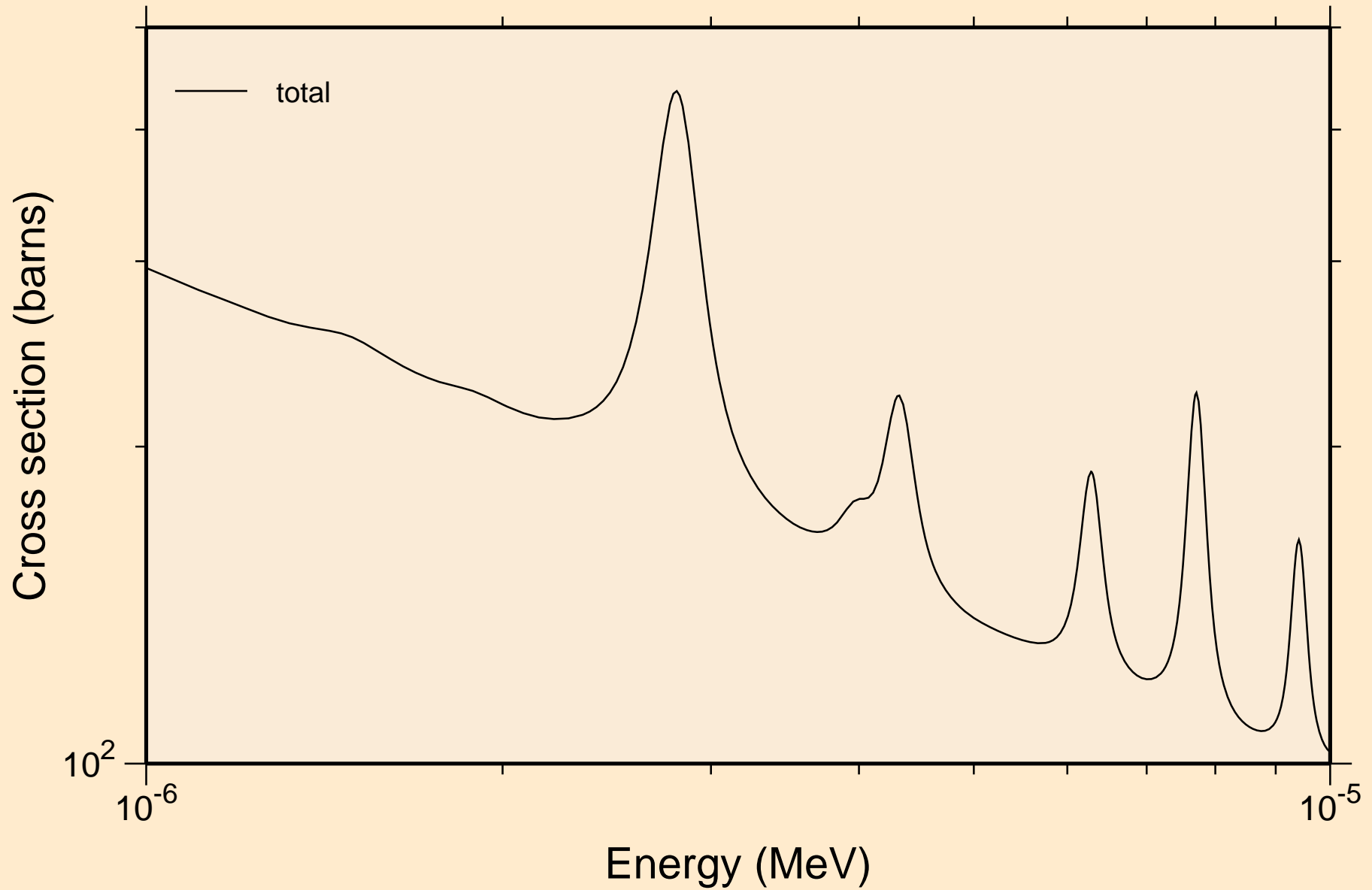


# CE127M NRG TENDL-2015, AKONING

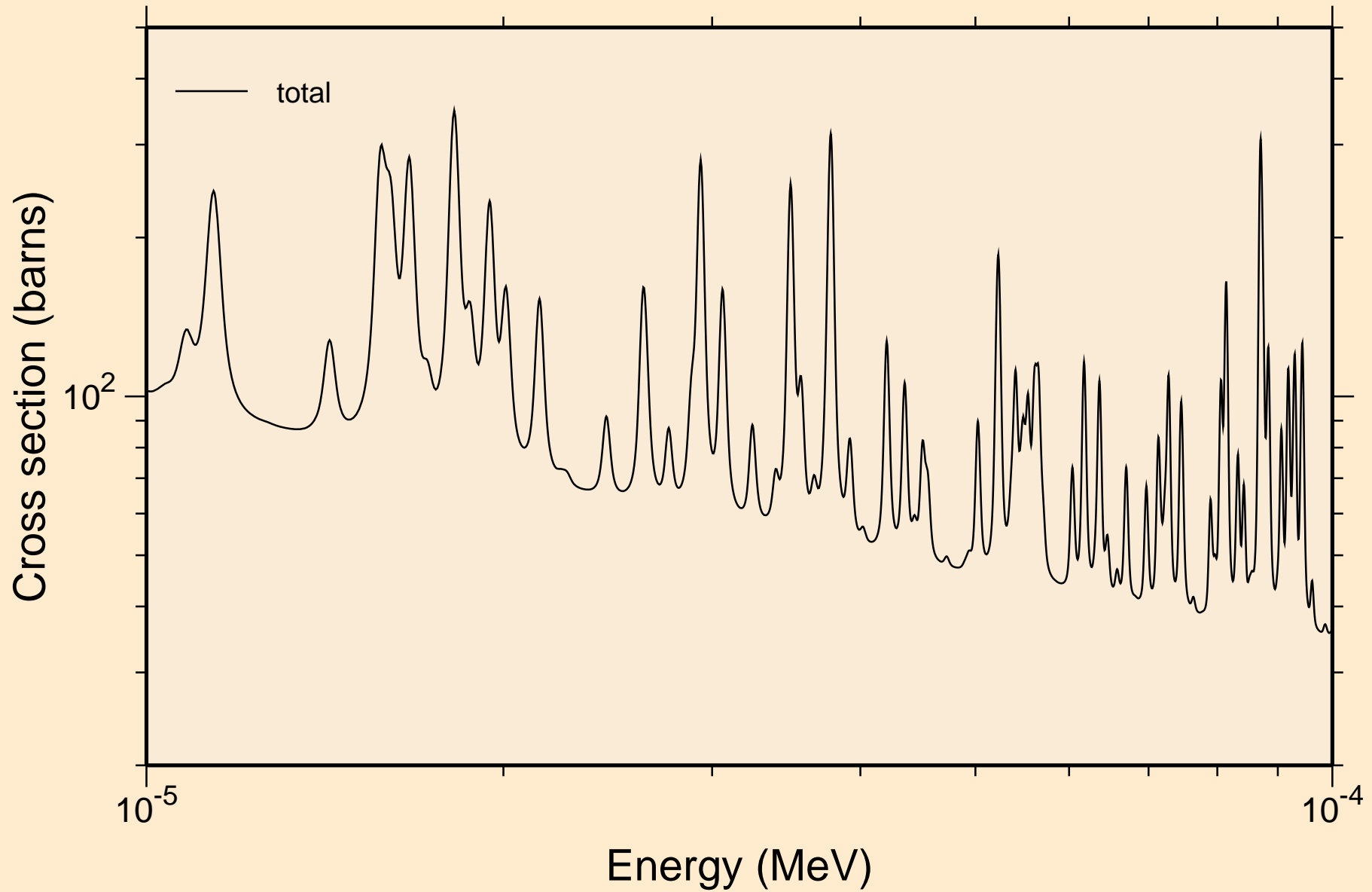
## Principal cross sections



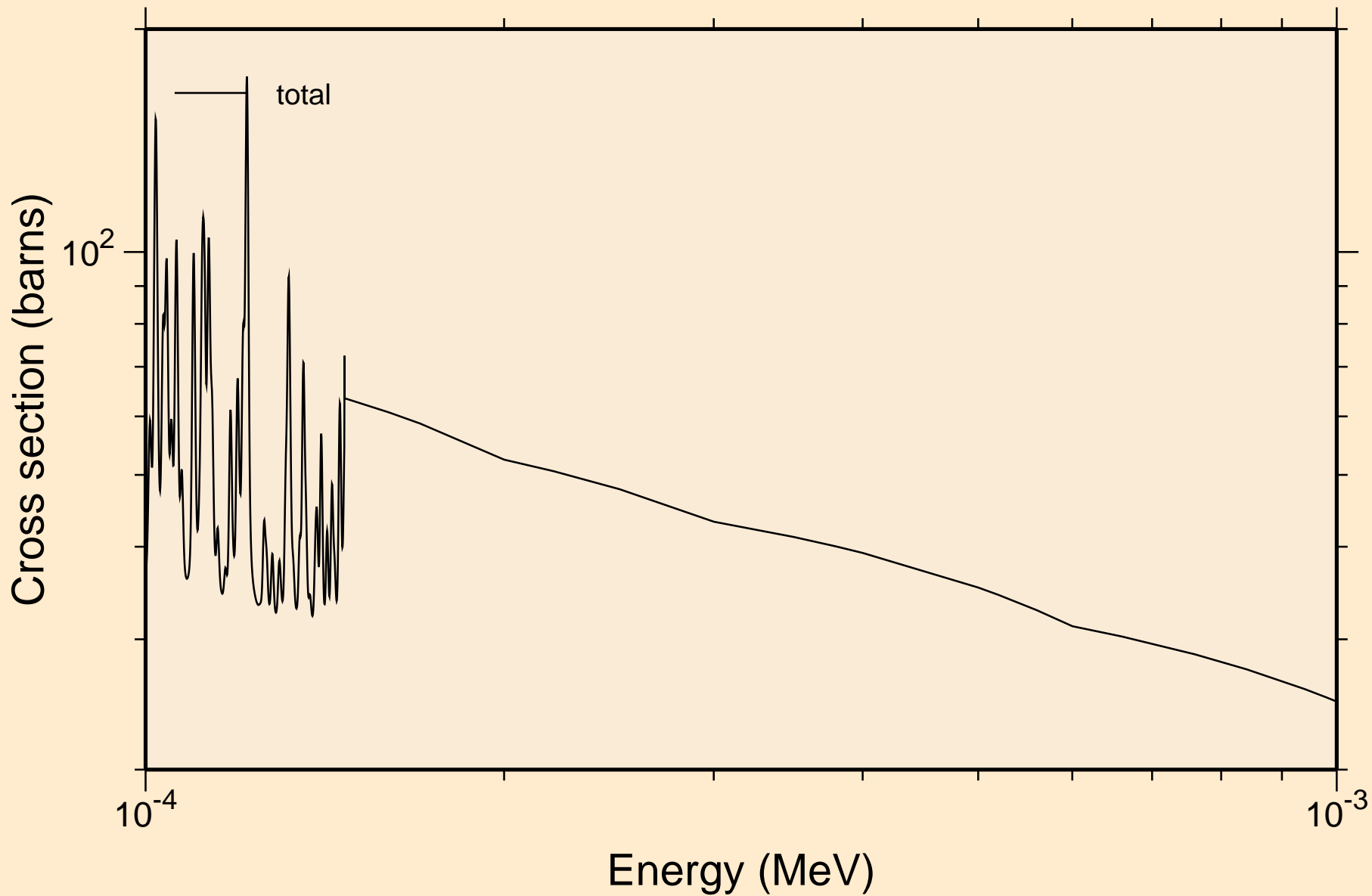
CE127M NRG TENDL-2015, AKONING  
resonance total cross section



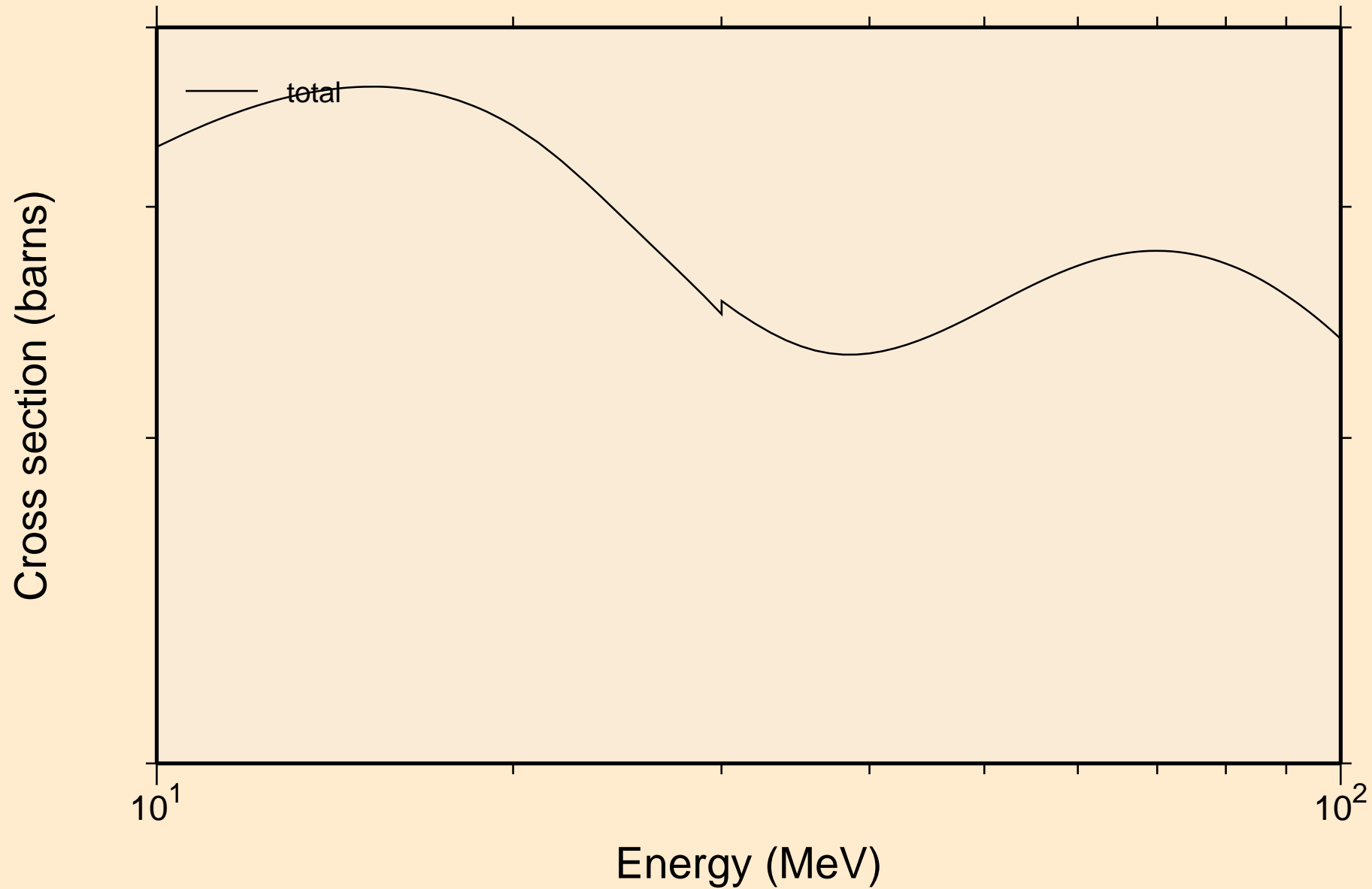
CE127M NRG TENDL-2015, AKONING  
resonance total cross section



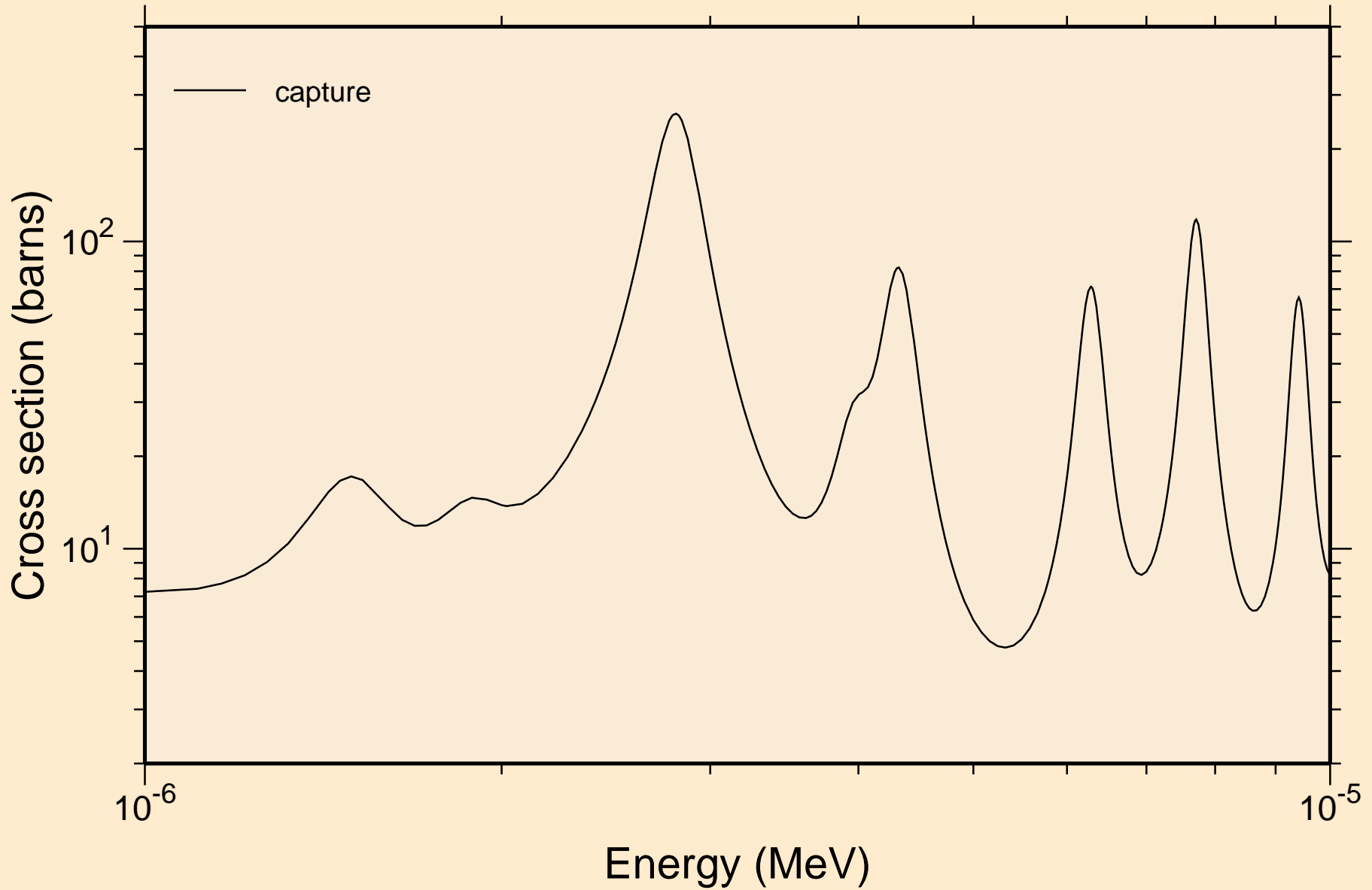
CE127M NRG TENDL-2015, AKONING  
resonance total cross section



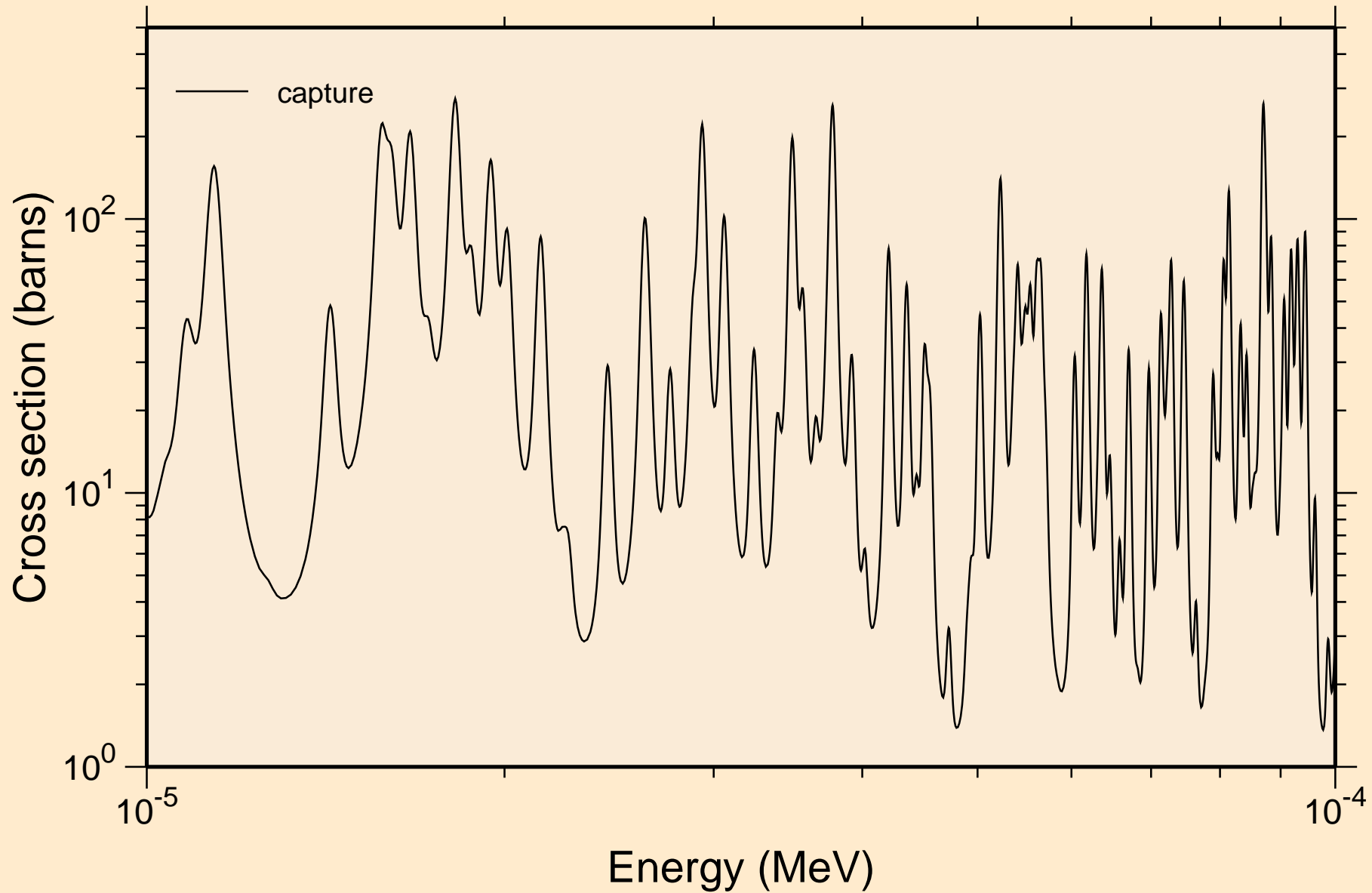
C<sup>127</sup>M NRG TENDL-2015, AKONING  
resonance total cross section



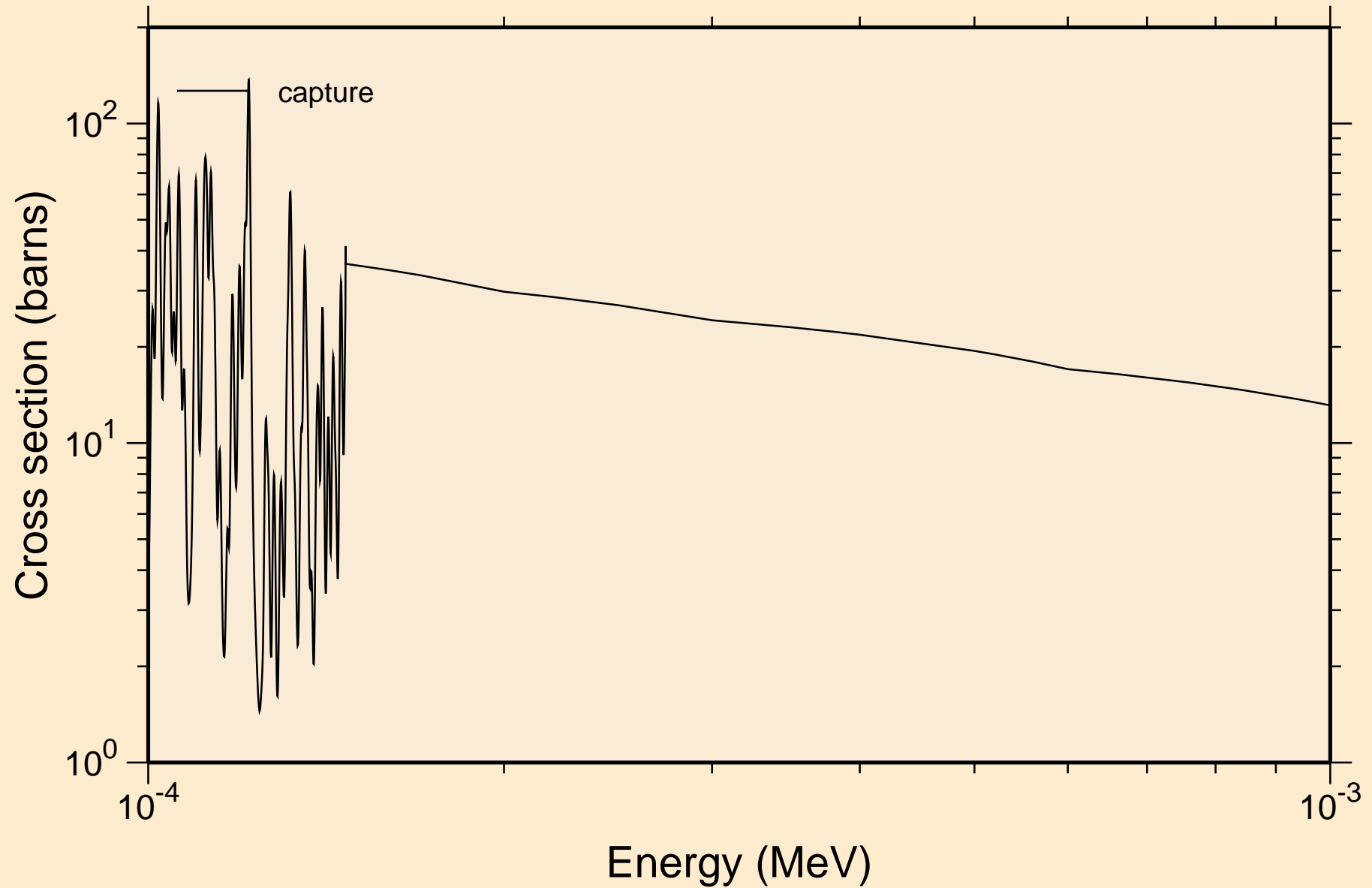
CE127M NRG TENDL-2015, AKONING  
resonance absorption cross sections



CE127M NRG TENDL-2015, AKONING  
resonance absorption cross sections

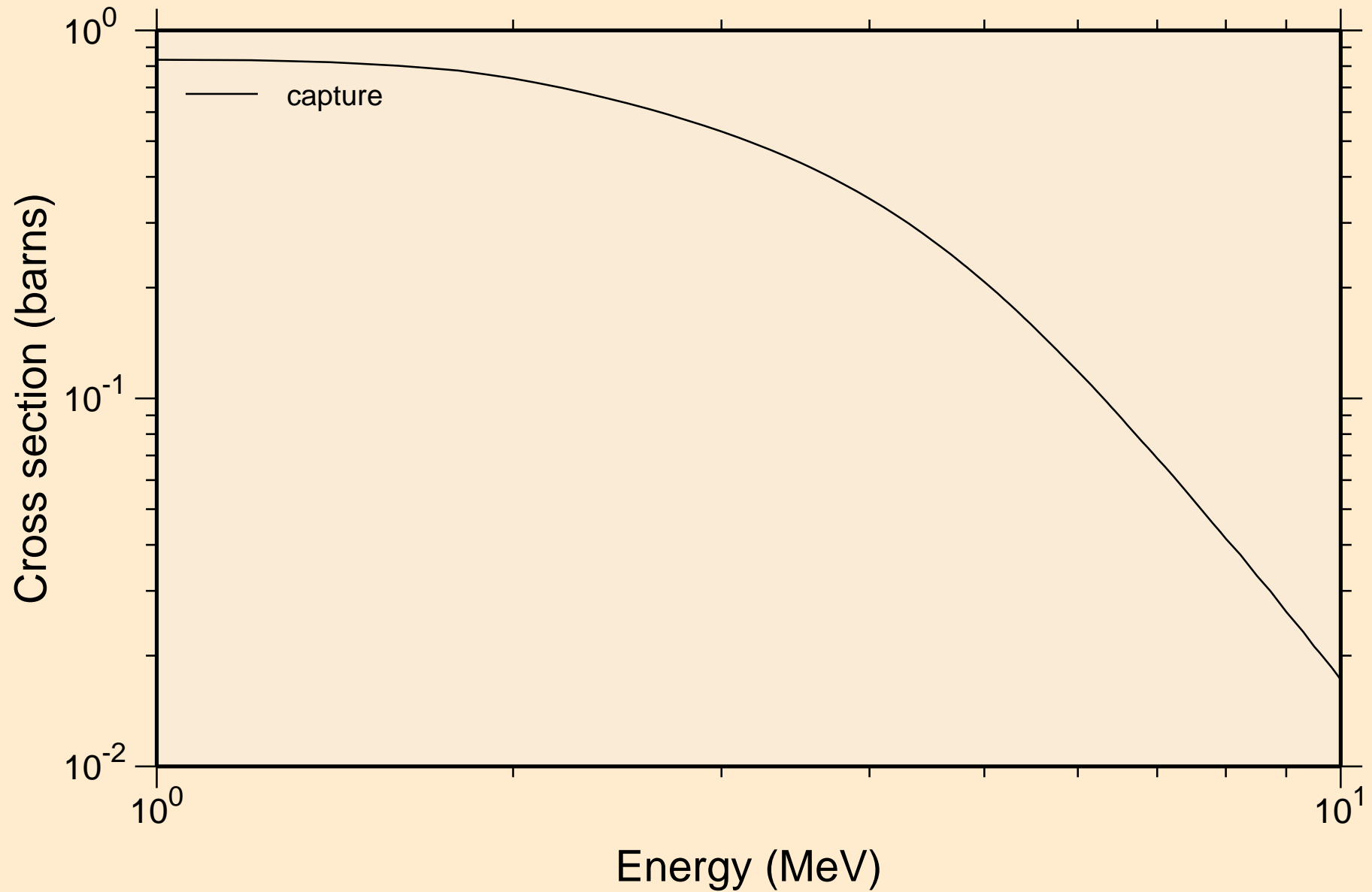


CE127M NRG TENDL-2015, AKONING  
resonance absorption cross sections



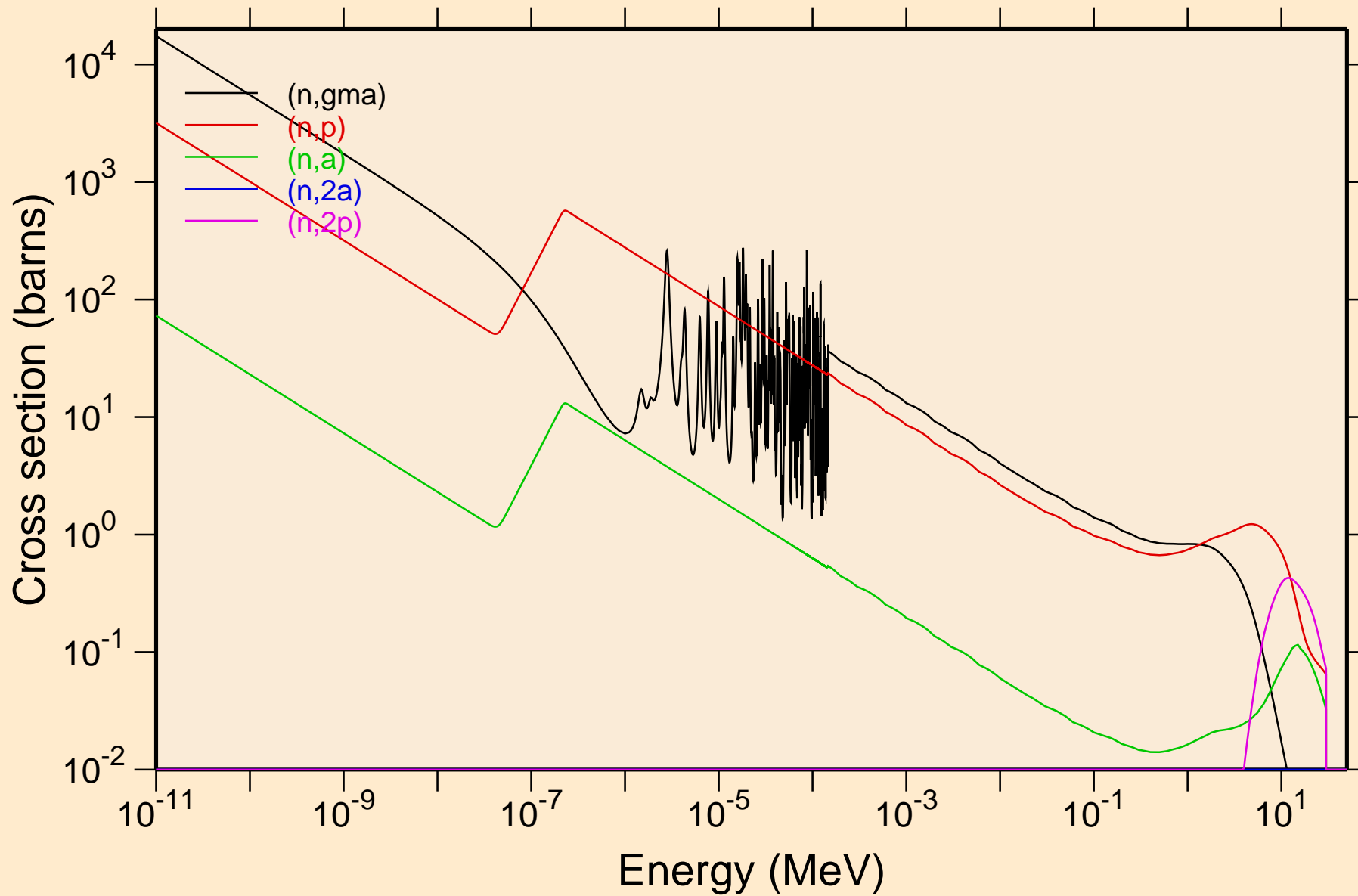


CE127M NRG TENDL-2015, AKONING  
resonance absorption cross sections

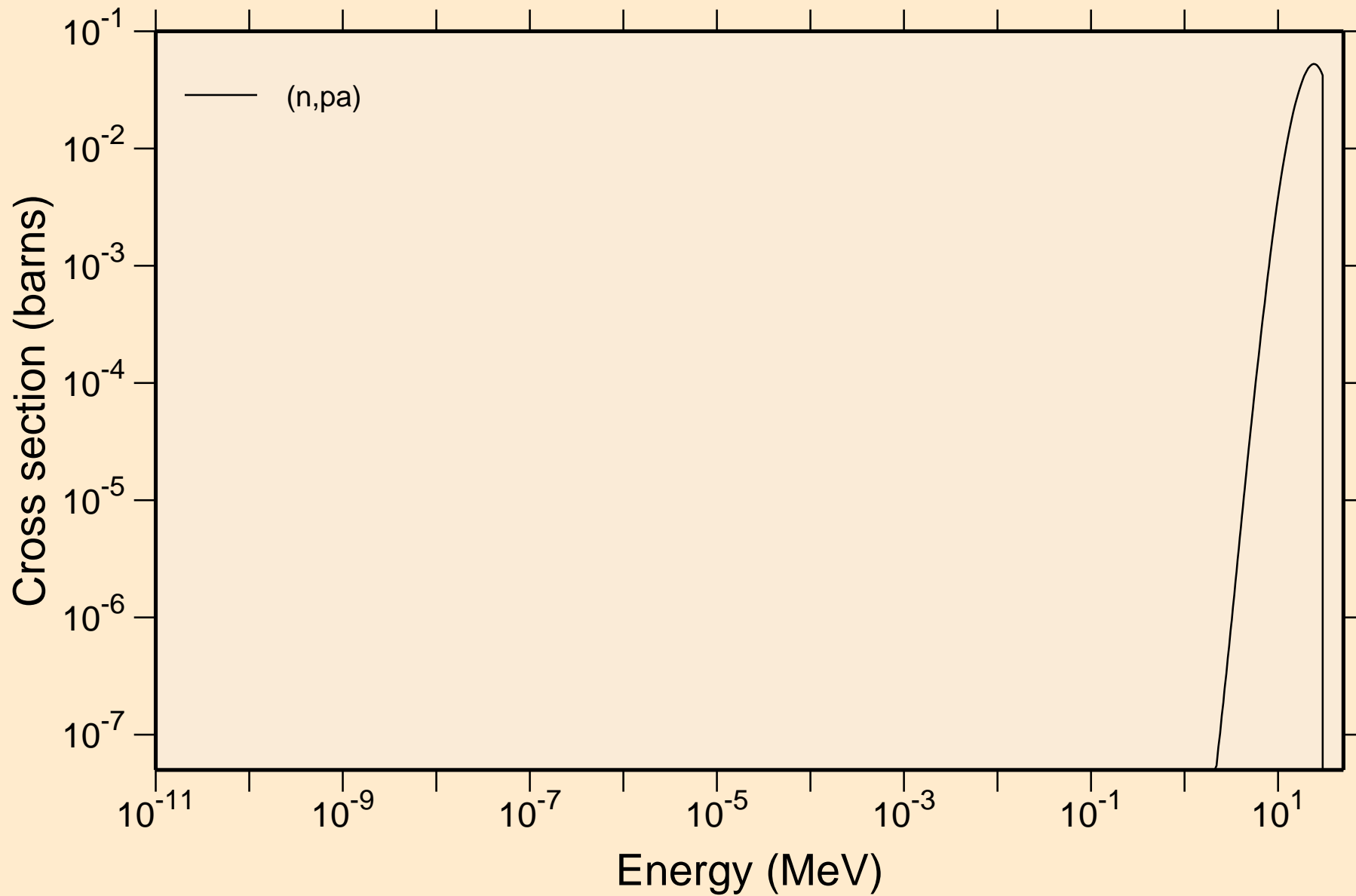


# CE127M NRG TENDL-2015, AKONING

## Non-threshold reactions

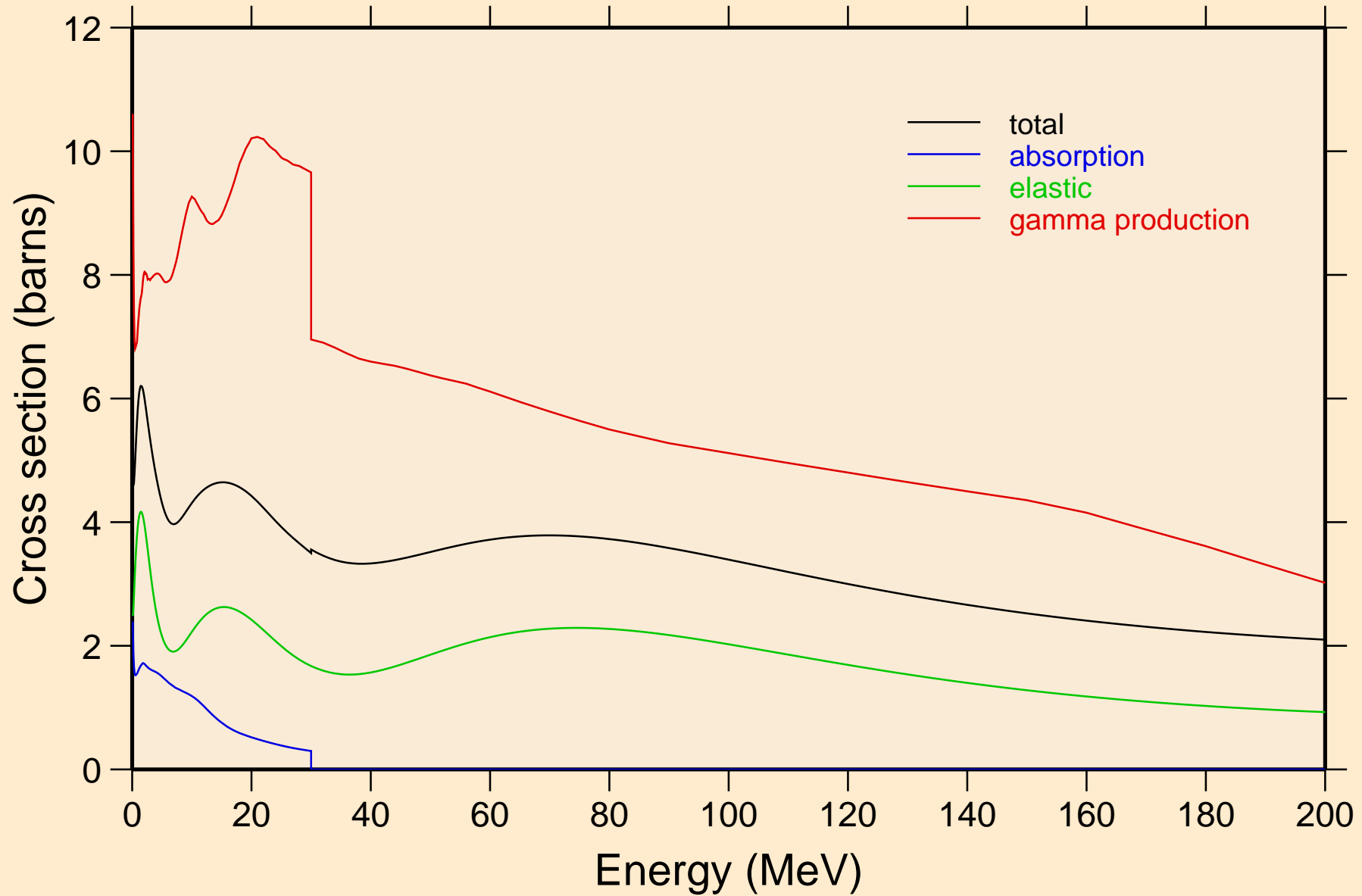


CE127M NRG TENDL-2015, AKONING  
Non-threshold reactions



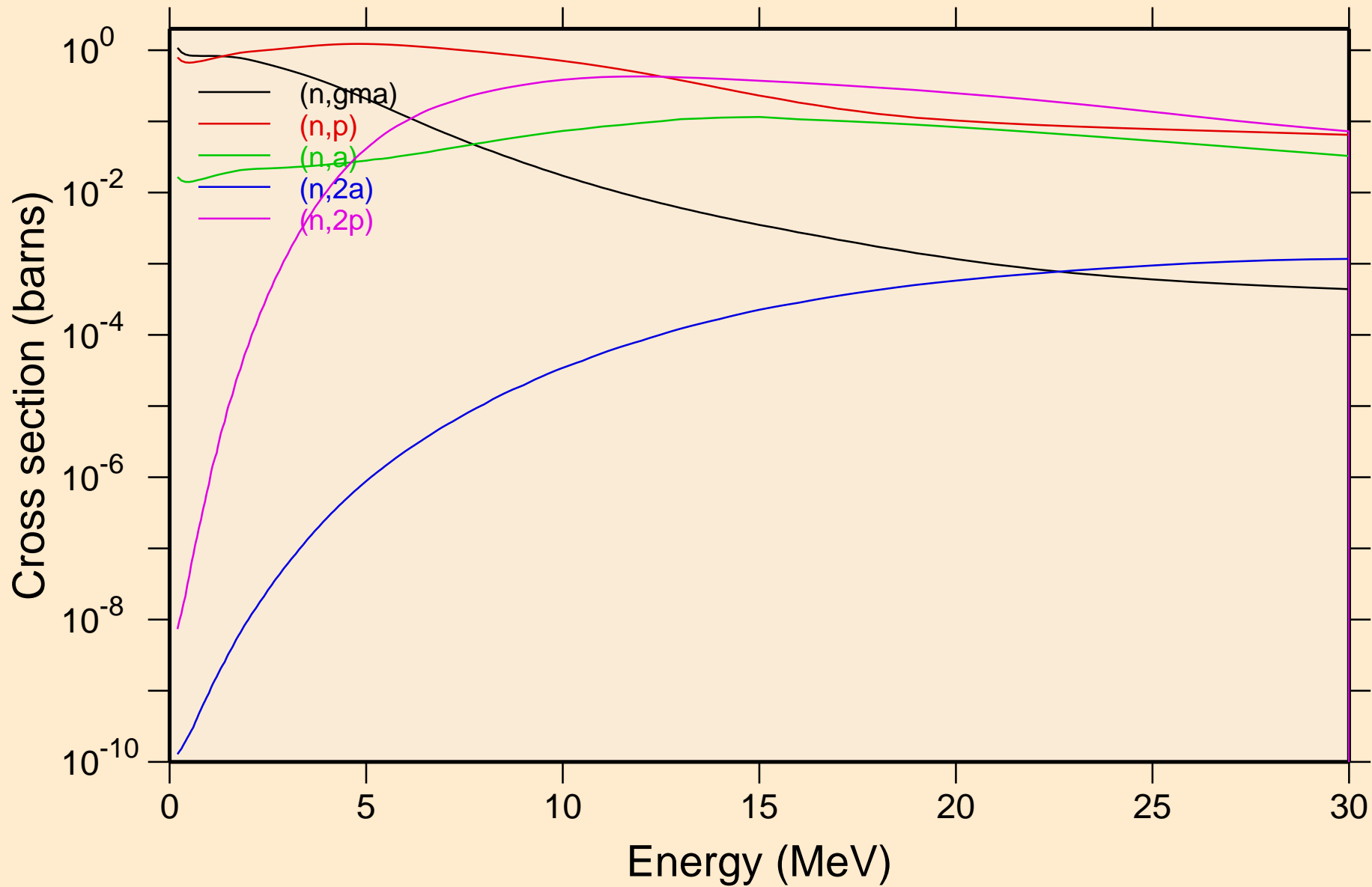
# CE127M NRG TENDL-2015, AKONING

## Principal cross sections

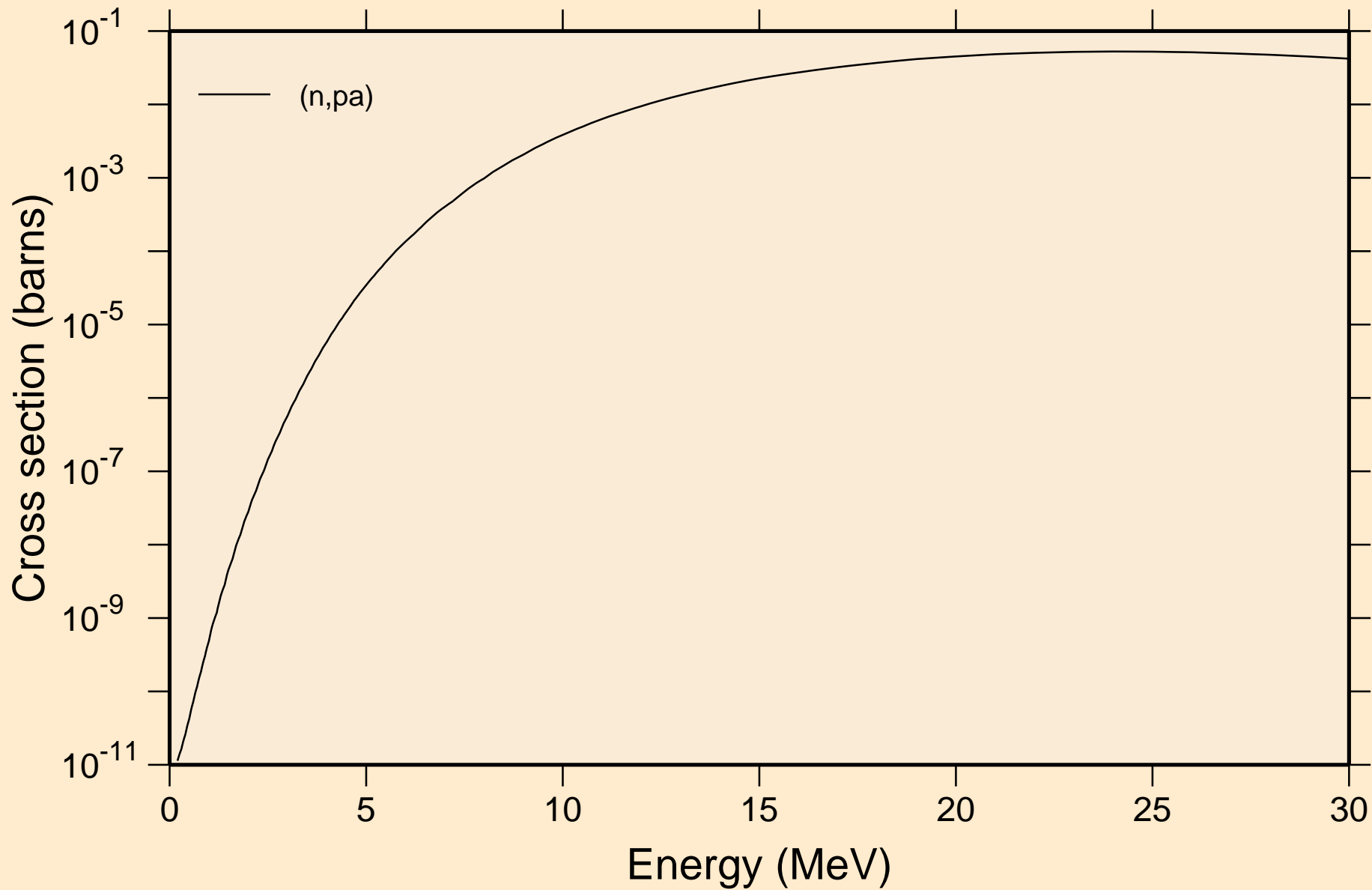


# CE127M NRG TENDL-2015, AKONING

## Non-threshold reactions

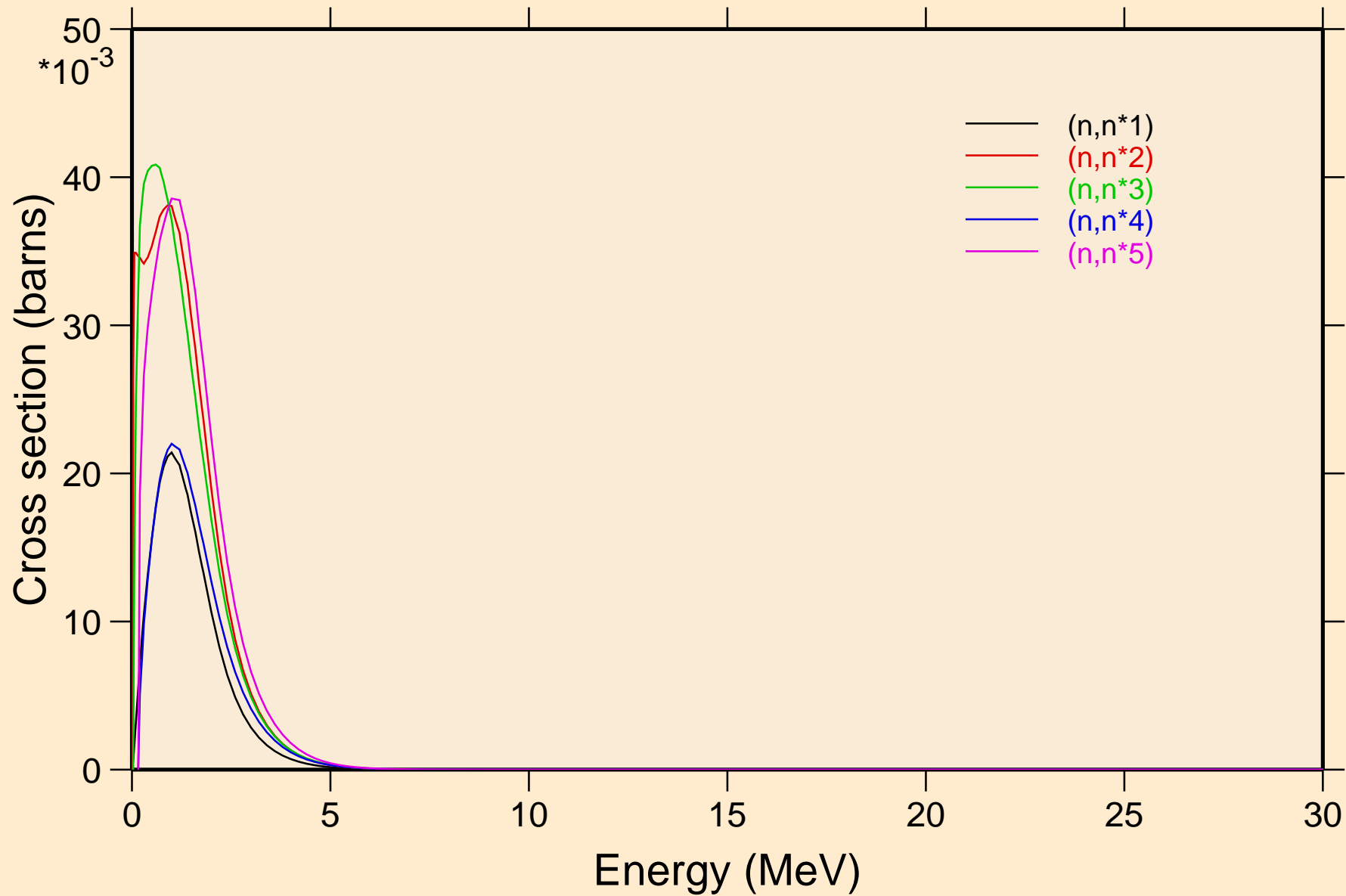


CE127M NRG TENDL-2015, AKONING  
Non-threshold reactions



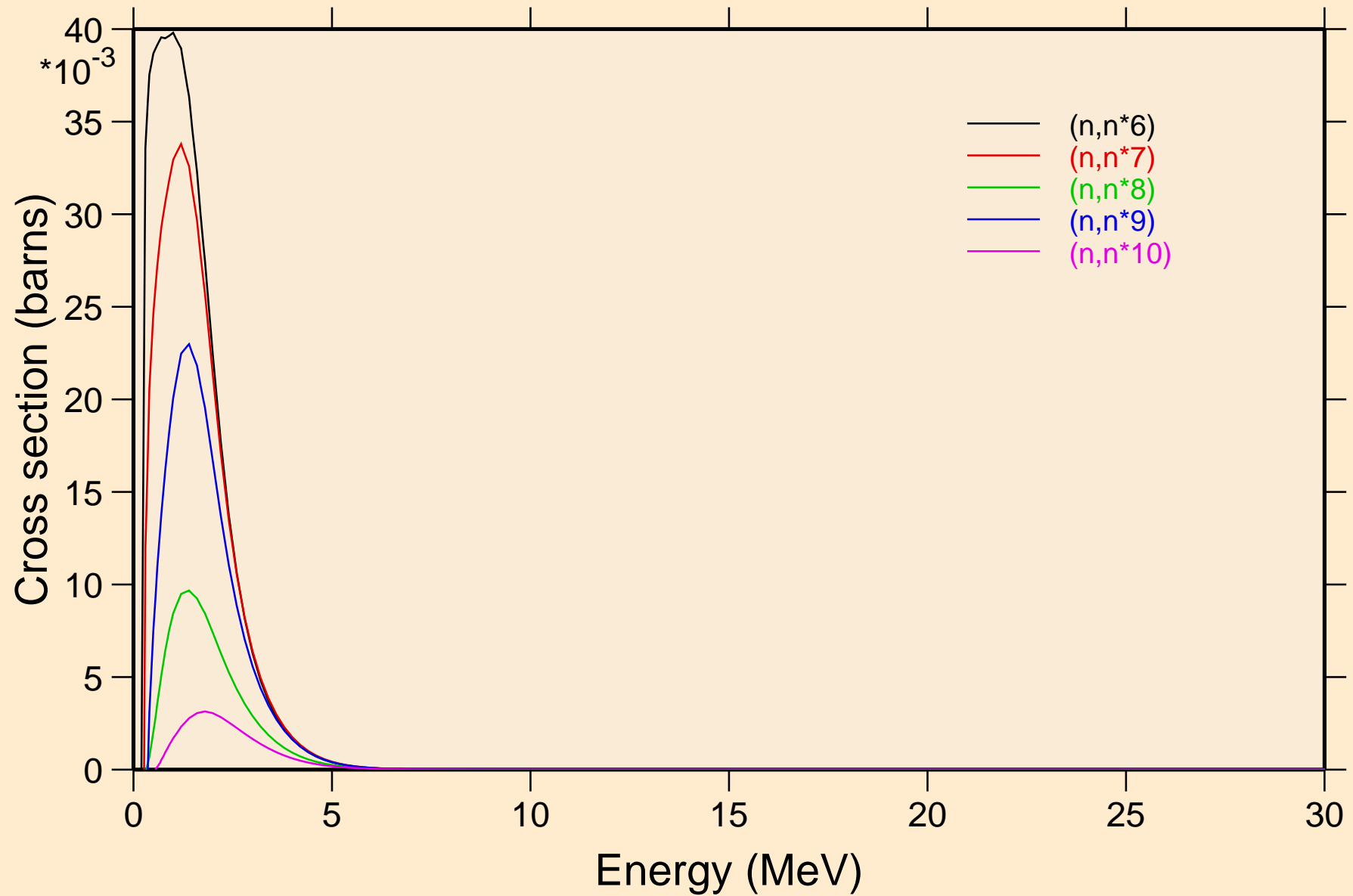
# CE127M NRG TENDL-2015, AKONING

## Inelastic levels



# CE127M NRG TENDL-2015, AKONING

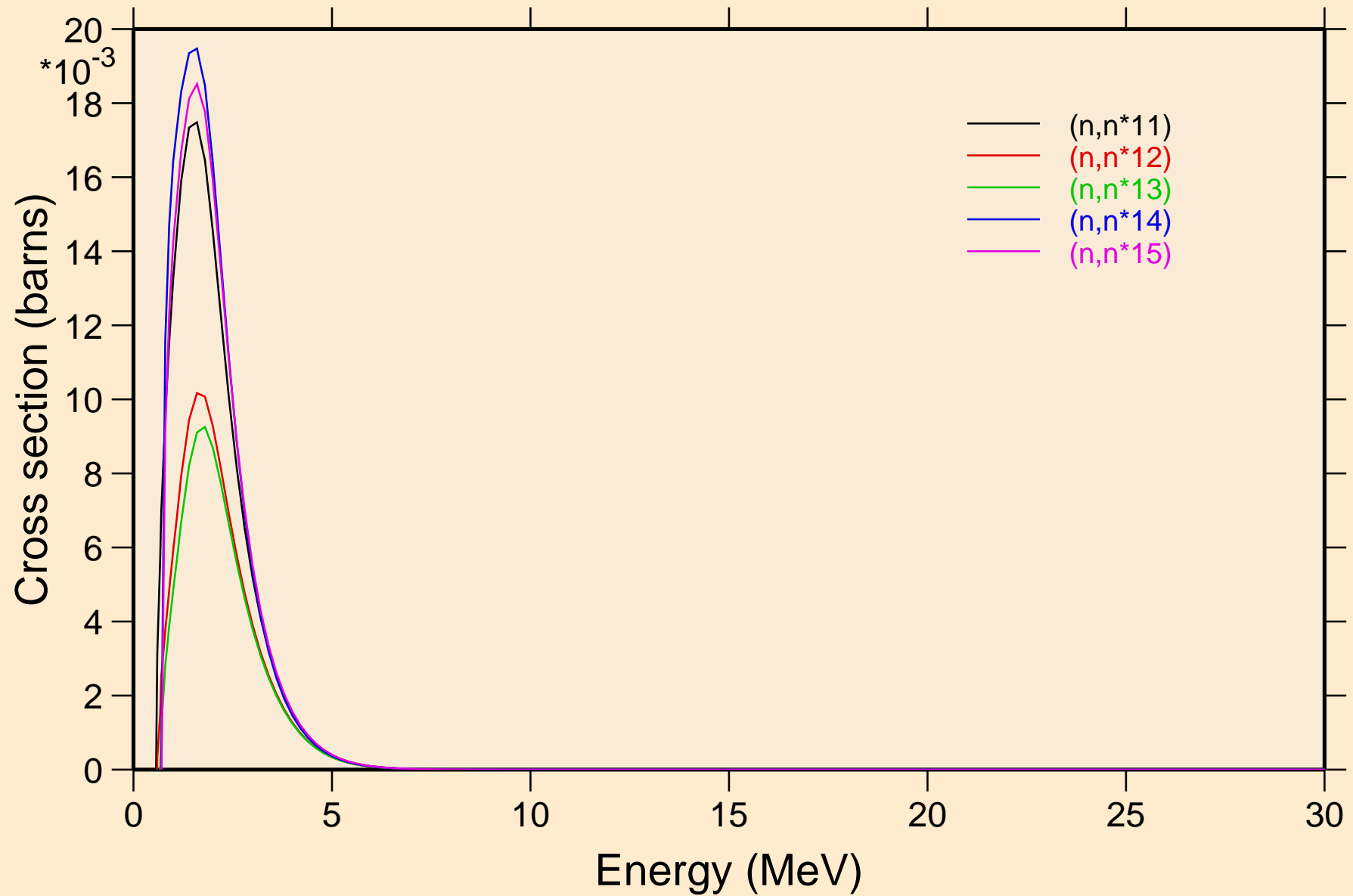
## Inelastic levels





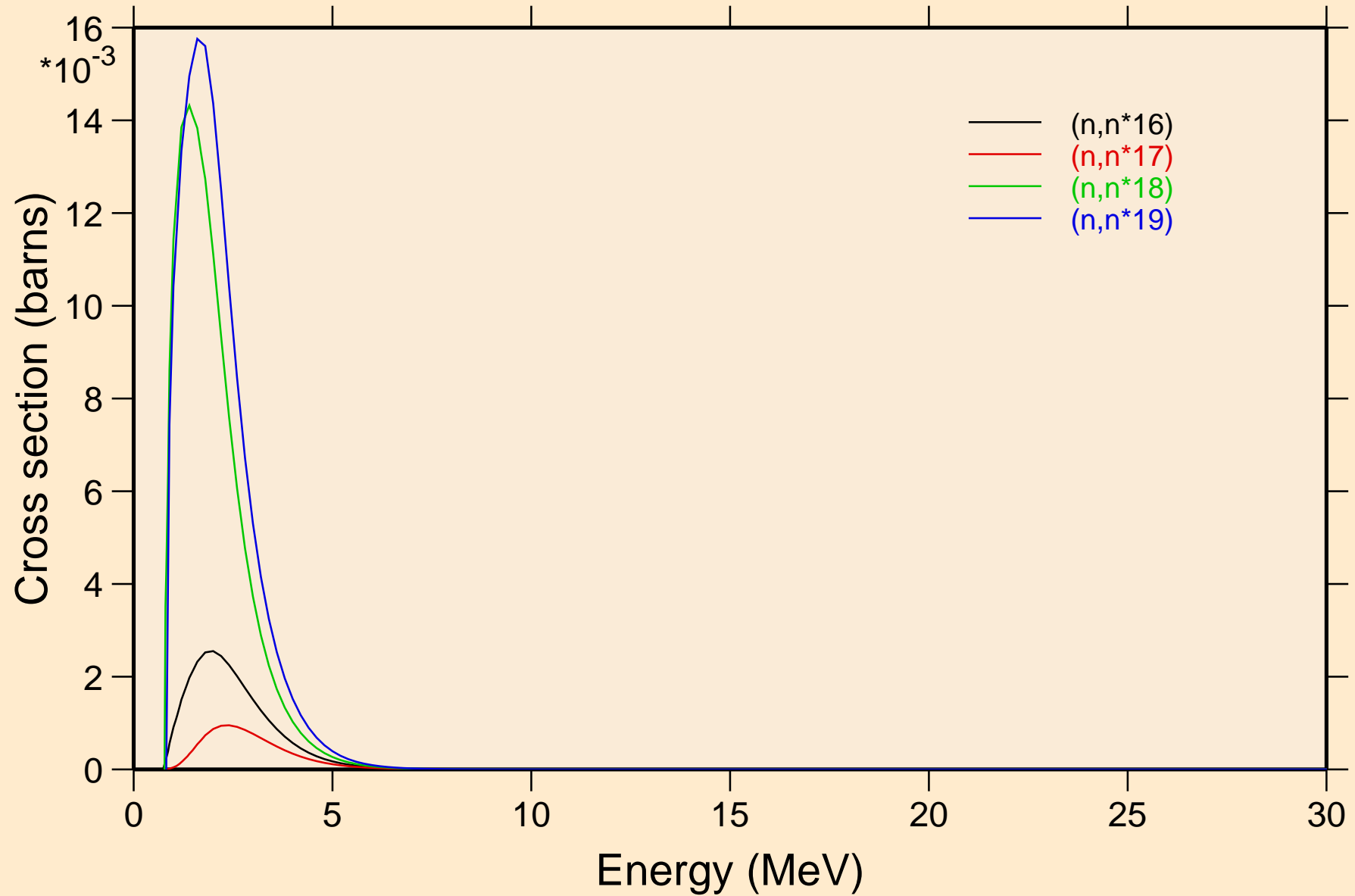
# CE127M NRG TENDL-2015, AKONING

## Inelastic levels



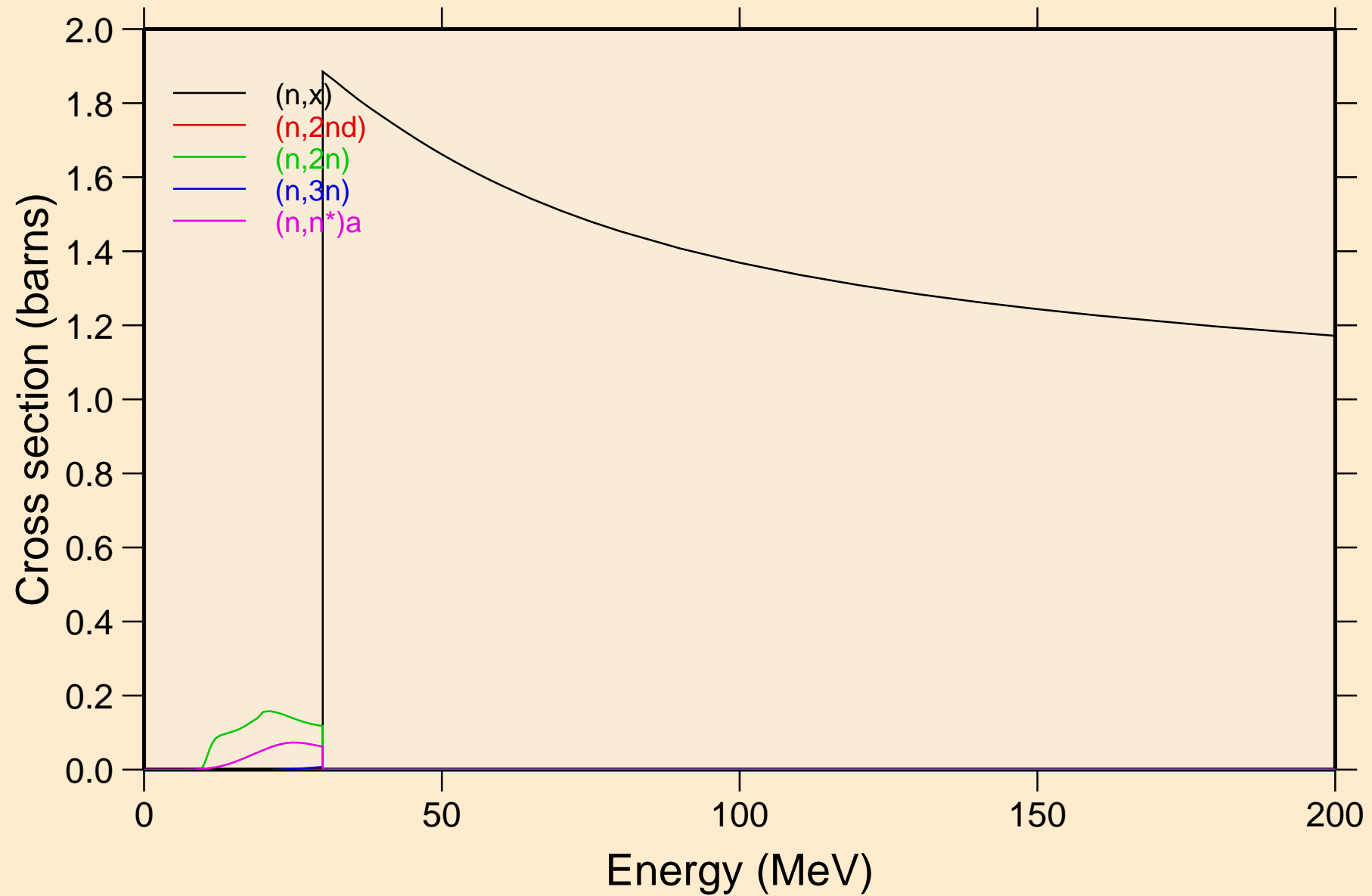
# CE127M NRG TENDL-2015, AKONING

## Inelastic levels



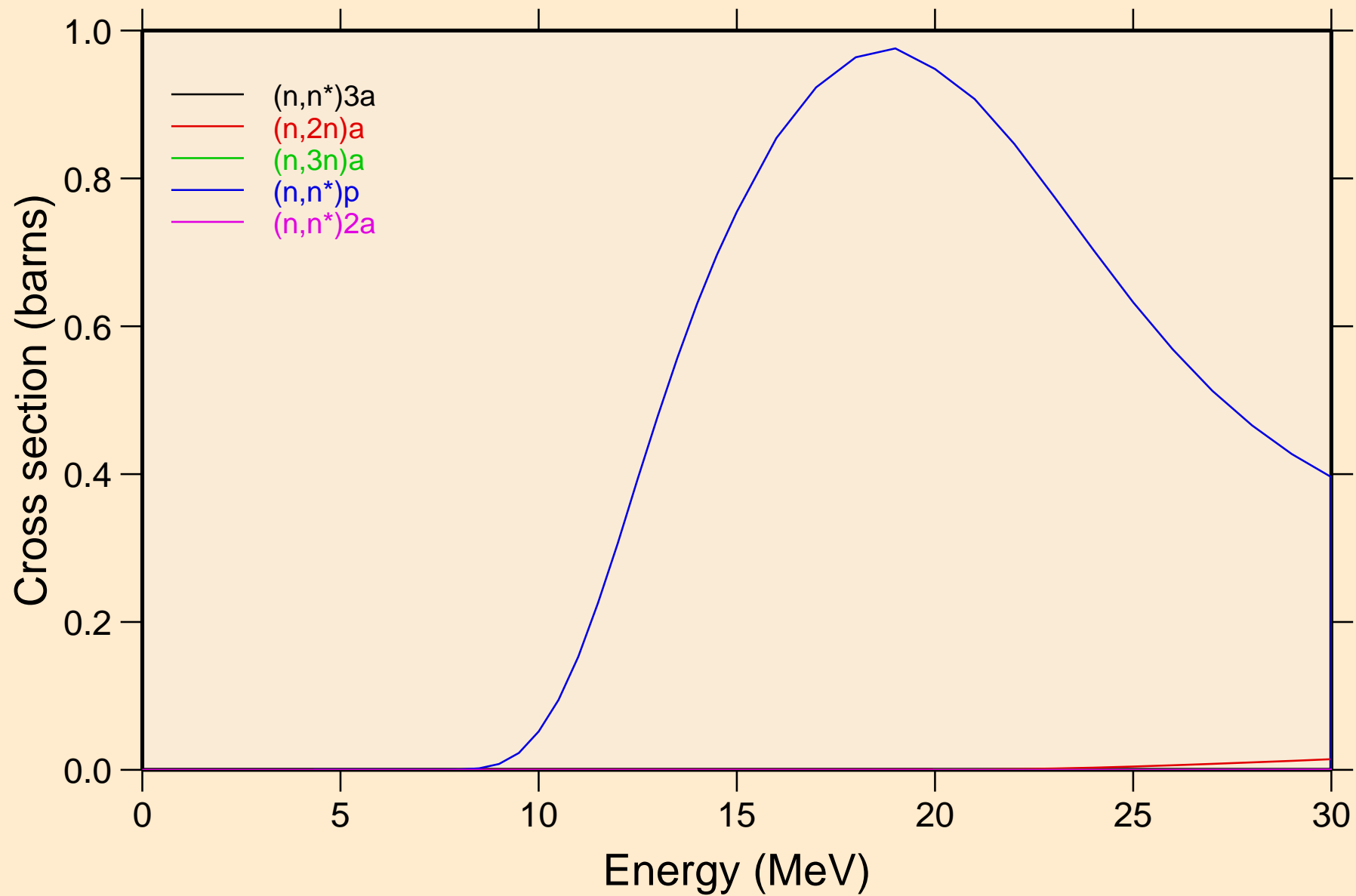
# CE127M NRG TENDL-2015, AKONING

## Threshold reactions



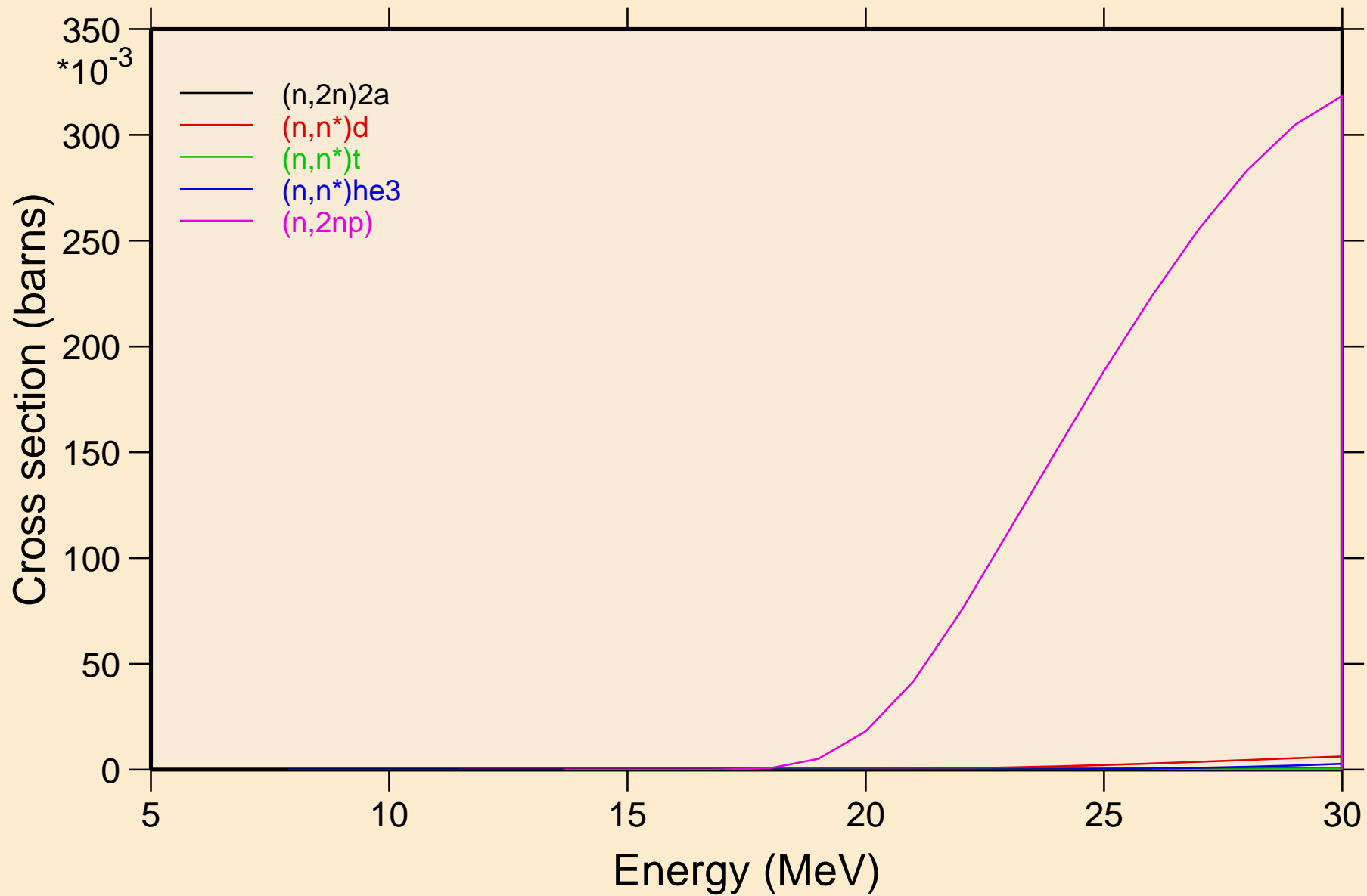
# CE127M NRG TENDL-2015, AKONING

## Threshold reactions



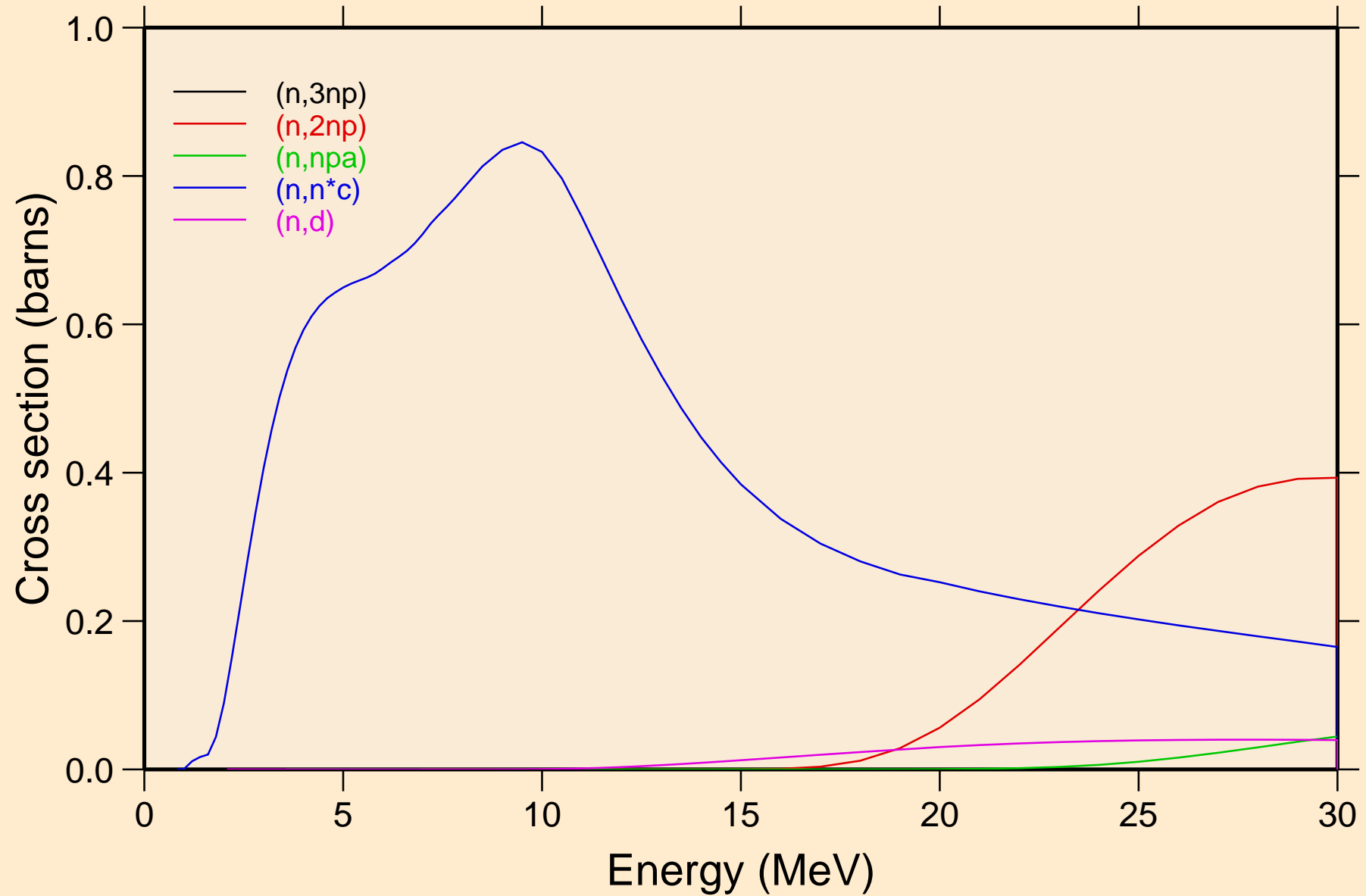
# CE127M NRG TENDL-2015, AKONING

## Threshold reactions



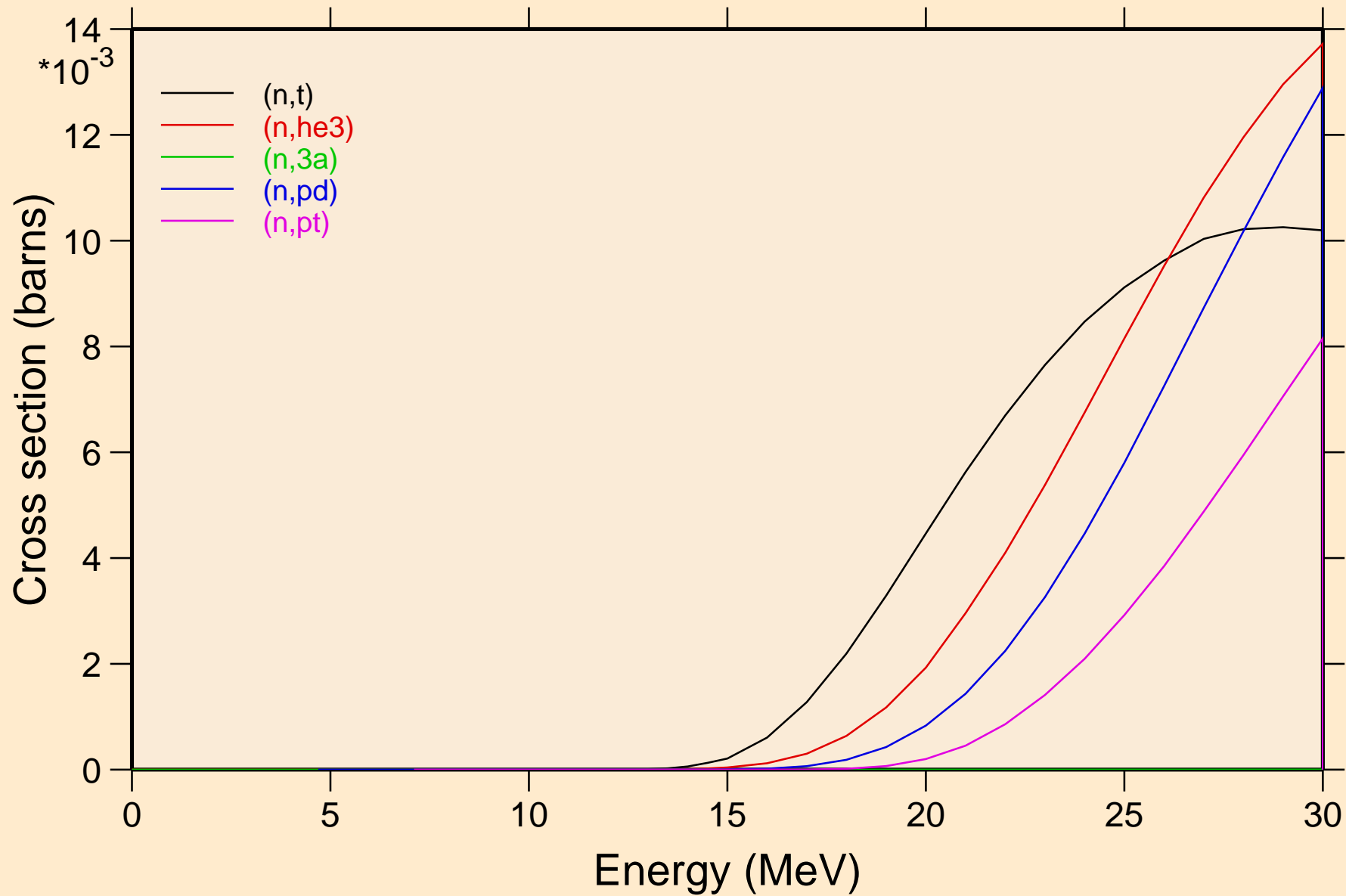
# CE127M NRG TENDL-2015, AKONING

## Threshold reactions



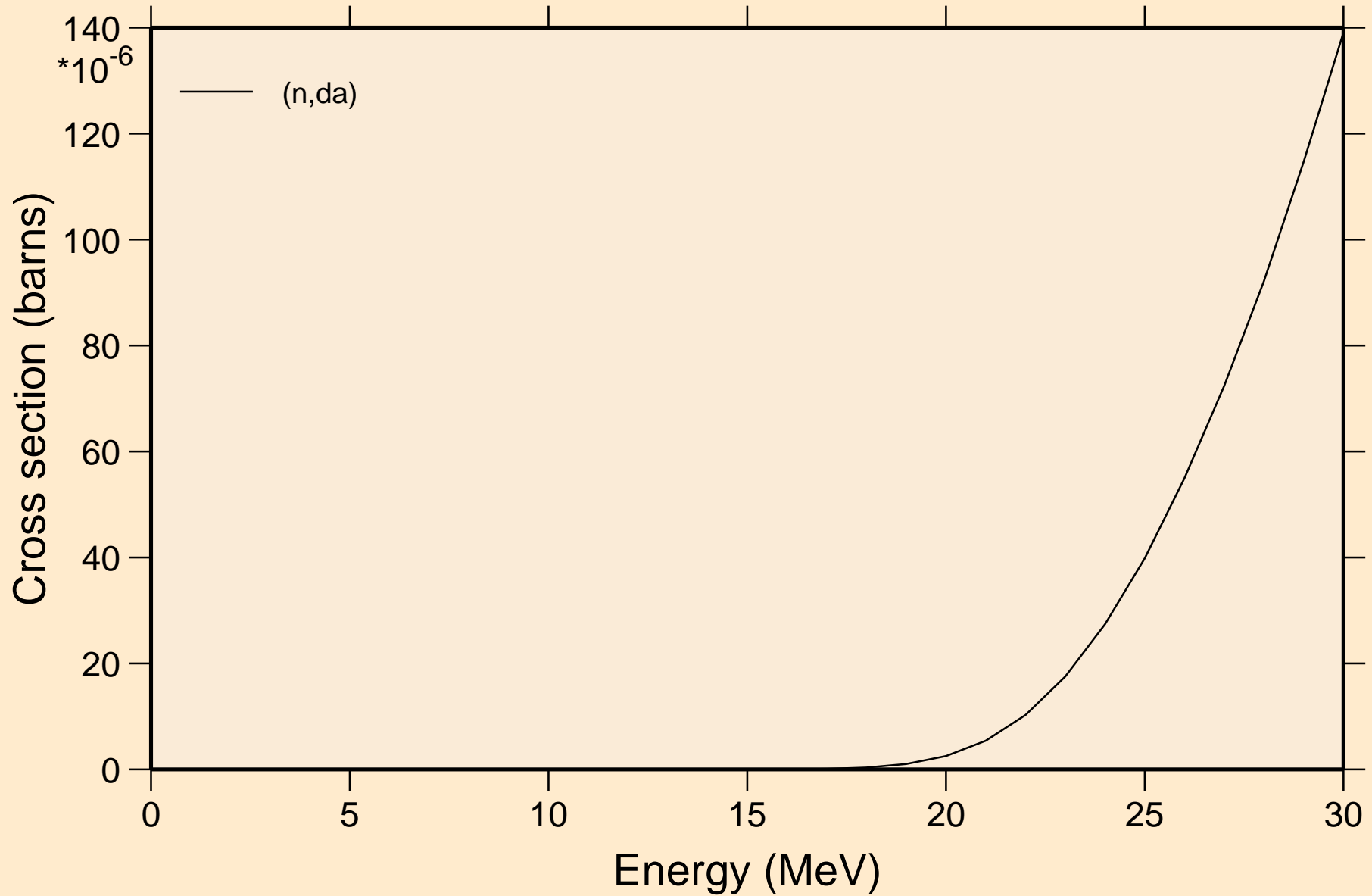
# CE127M NRG TENDL-2015, AKONING

## Threshold reactions



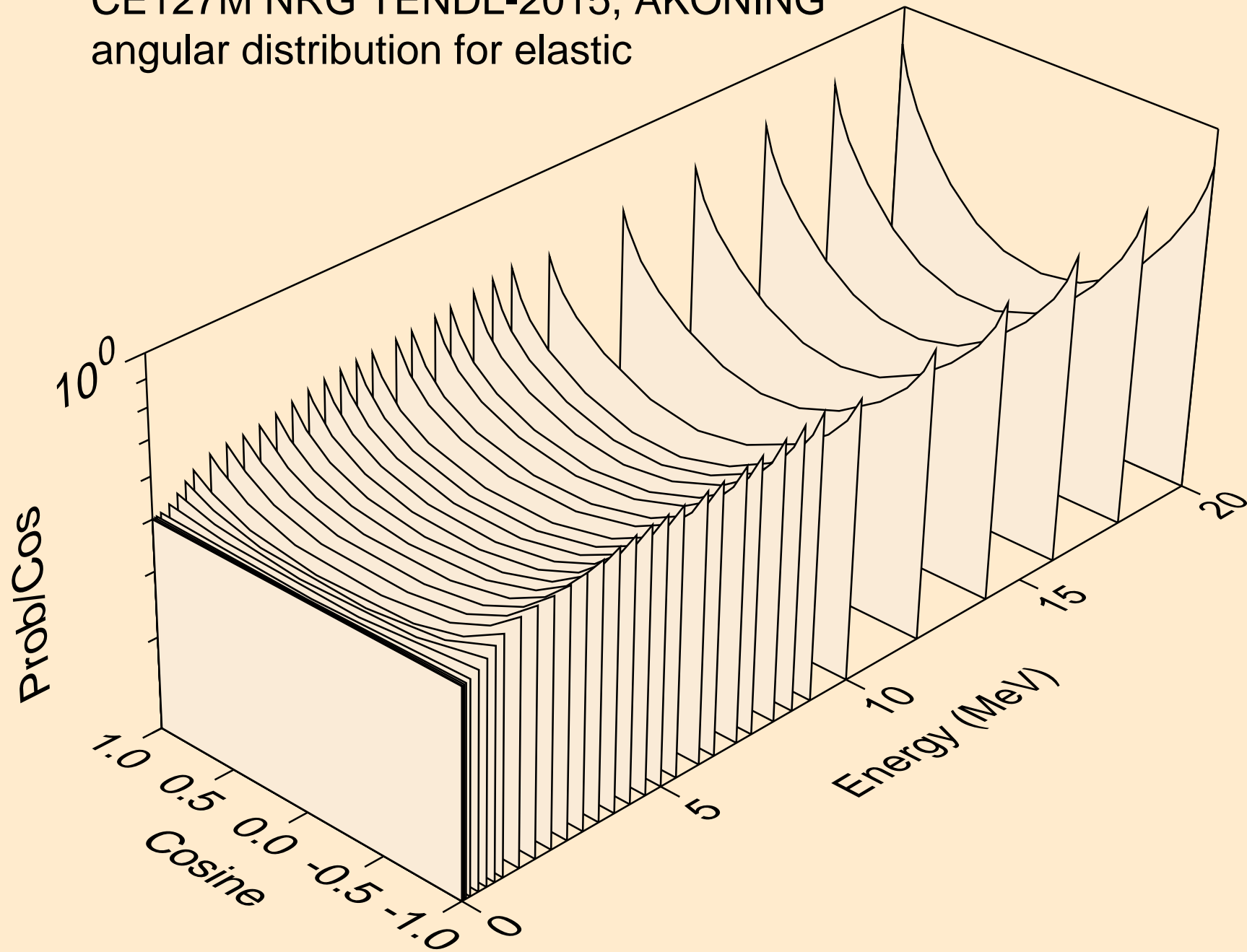
# CE127M NRG TENDL-2015, AKONING

## Threshold reactions

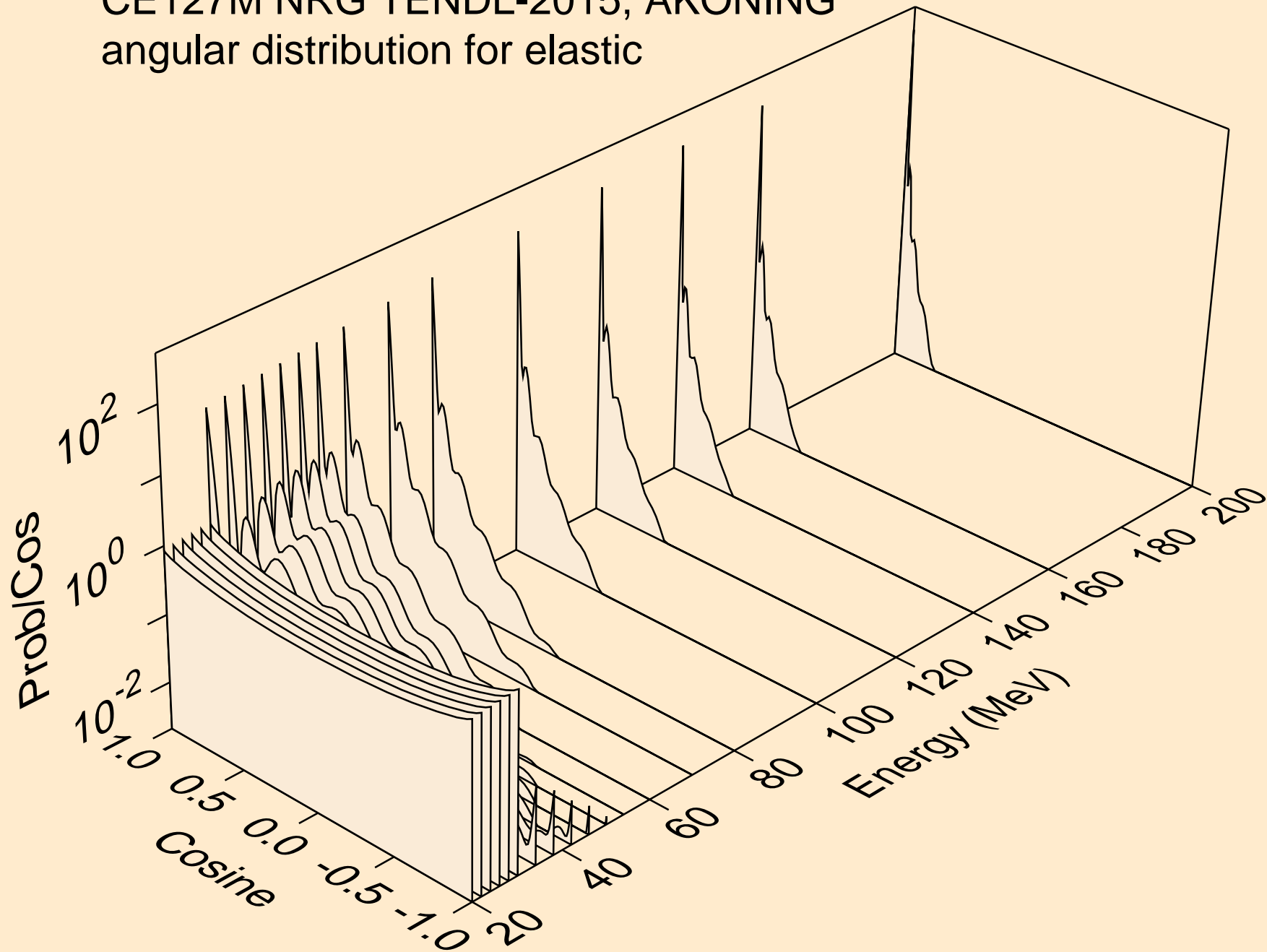




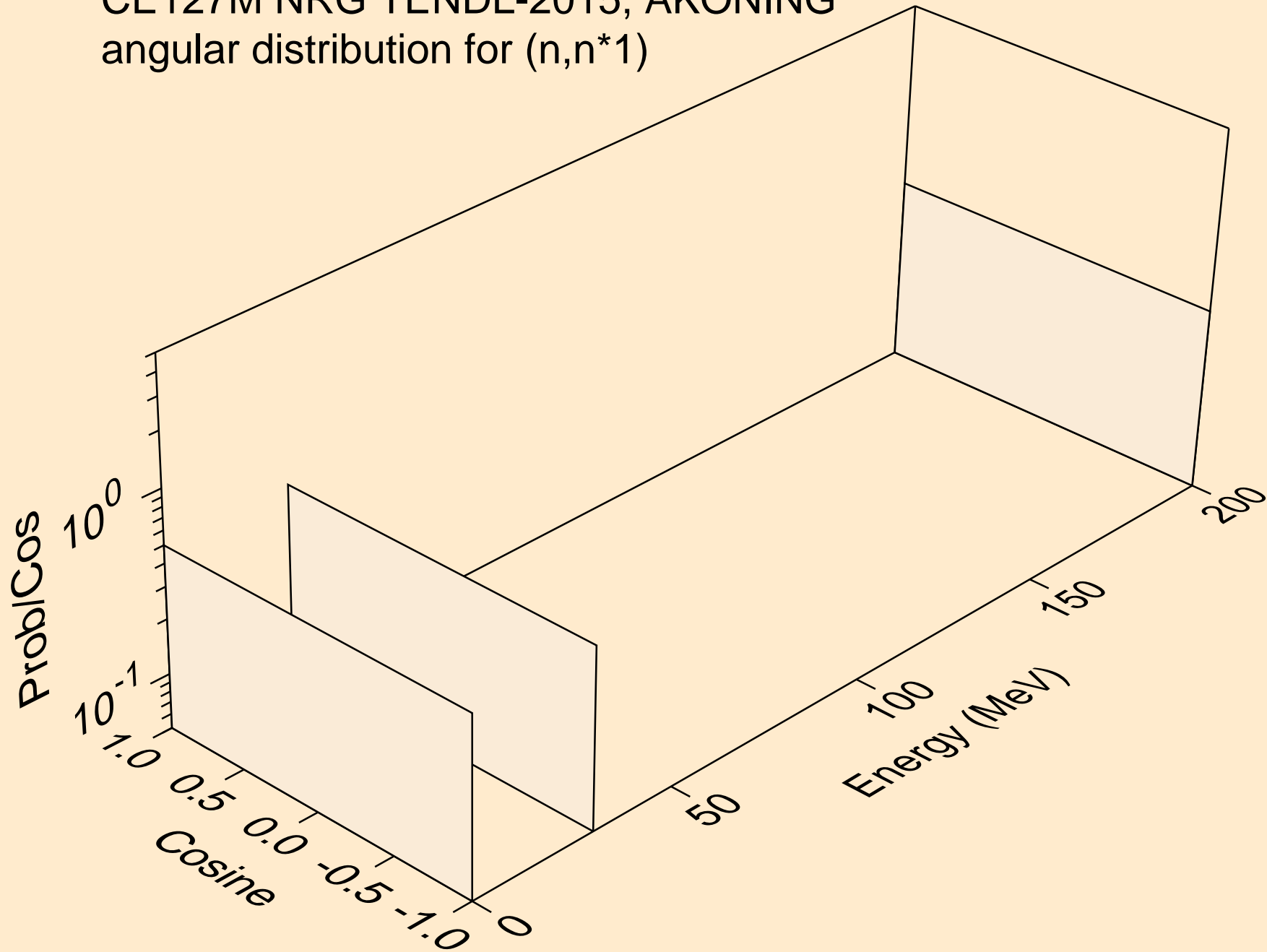
CE127M NRG TENDL-2015, AKONING  
angular distribution for elastic



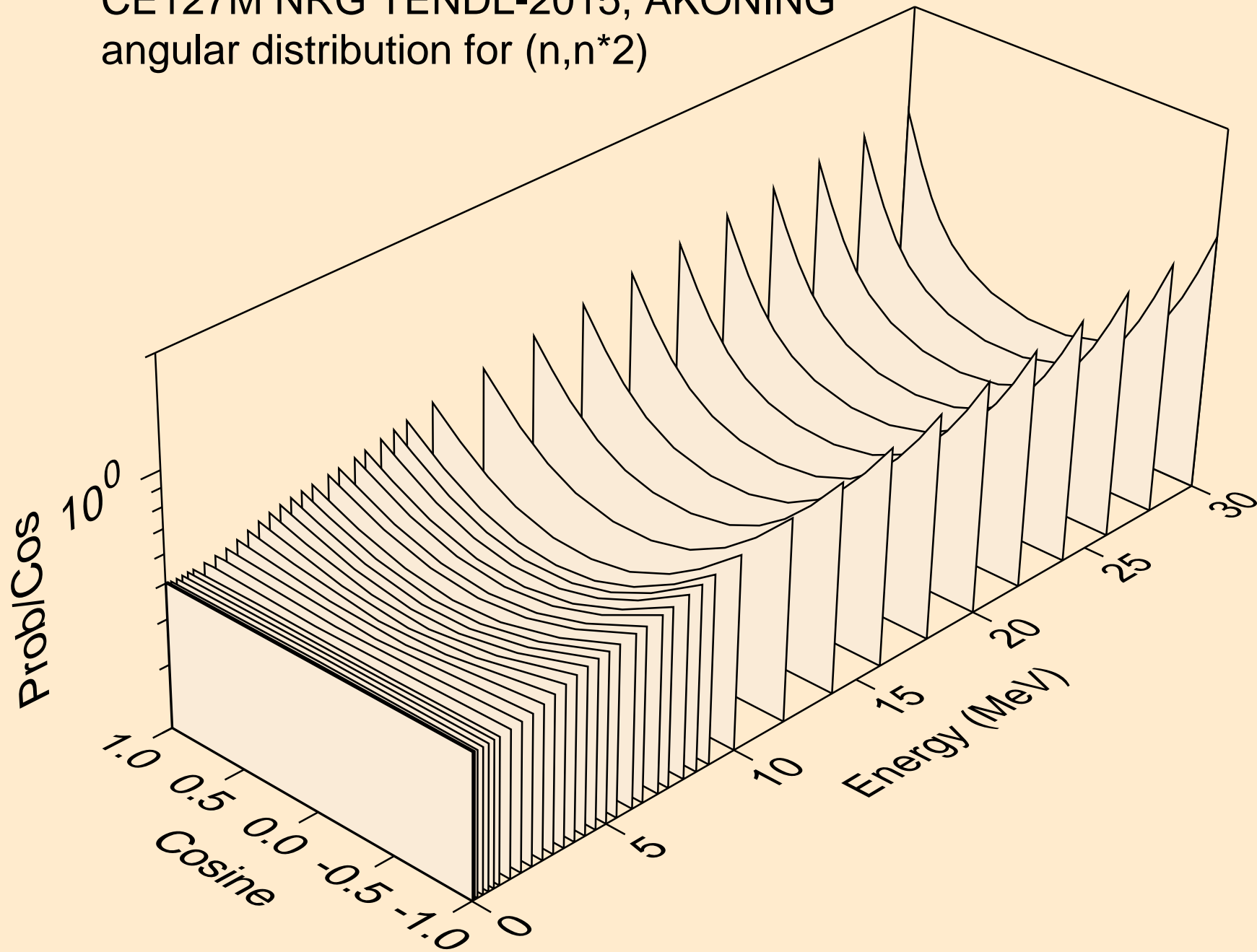
CE127M NRG TENDL-2015, AKONING  
angular distribution for elastic



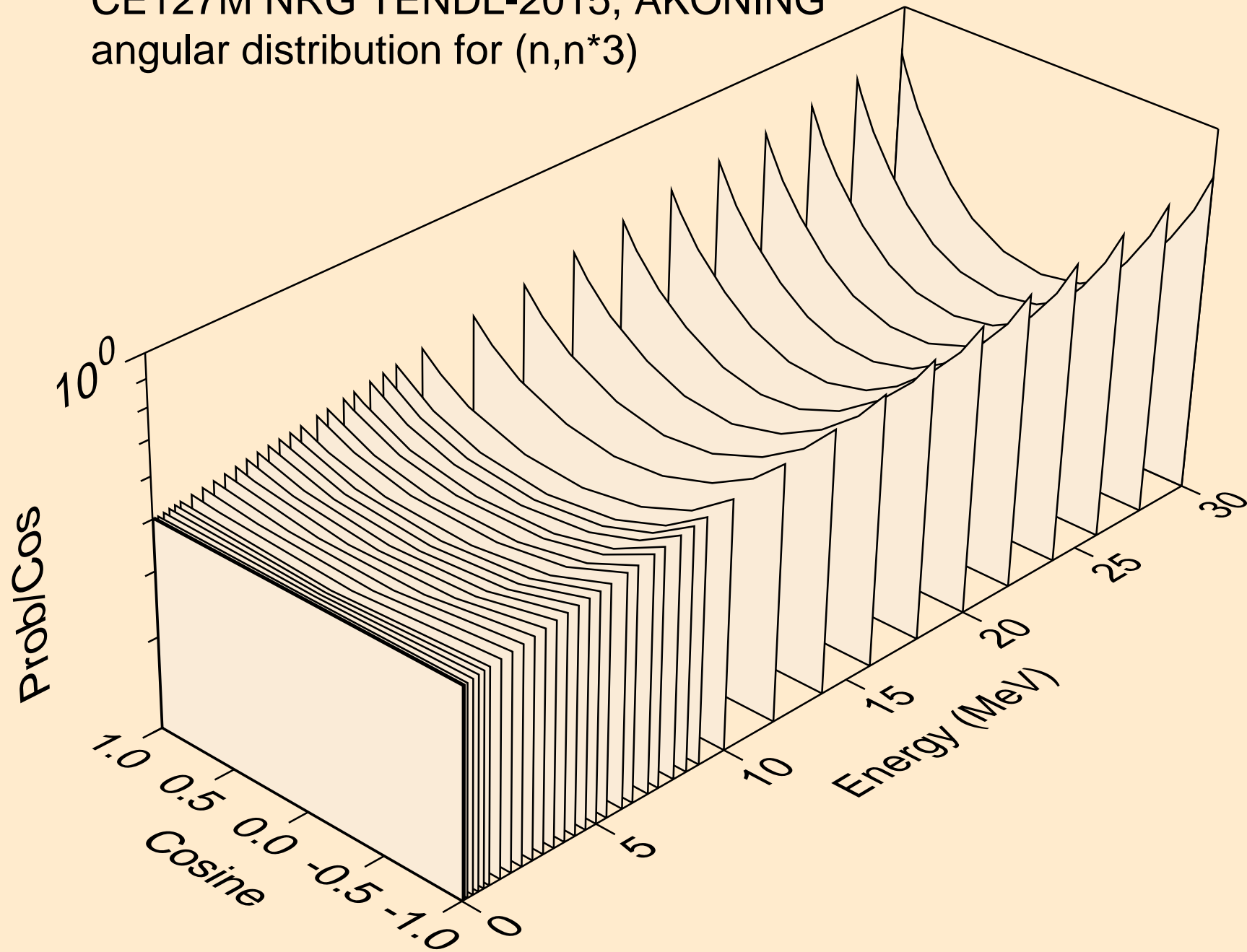
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



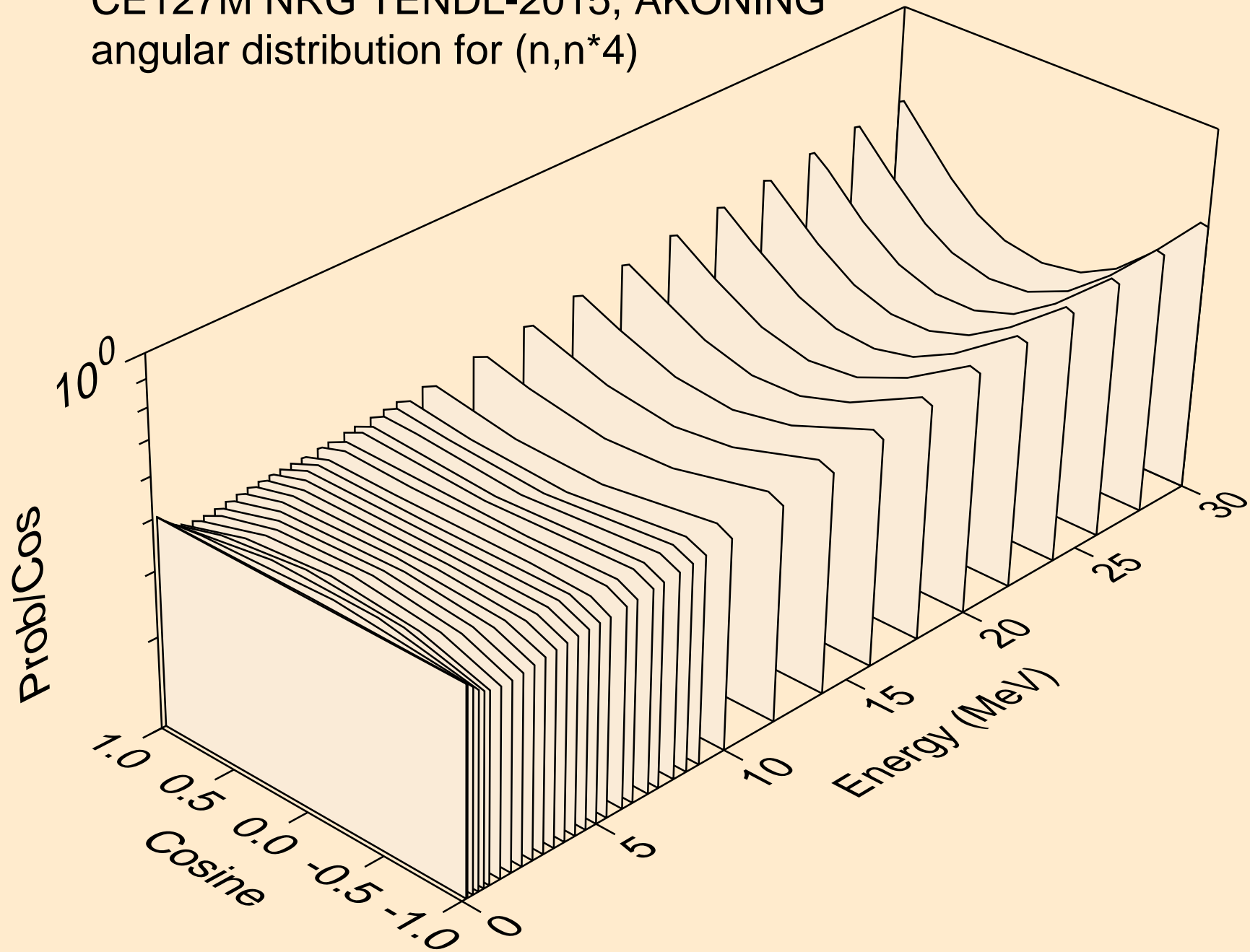
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



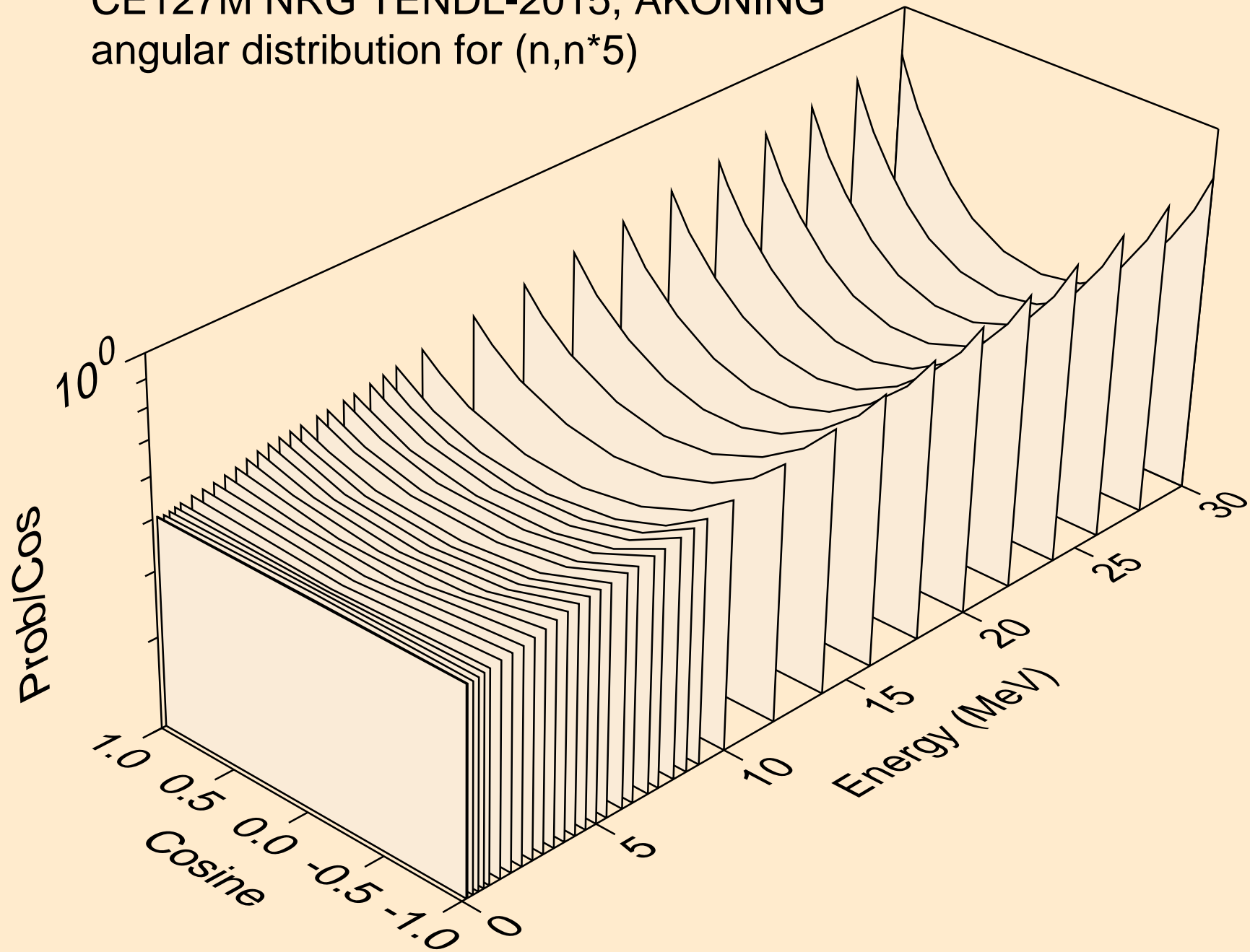
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



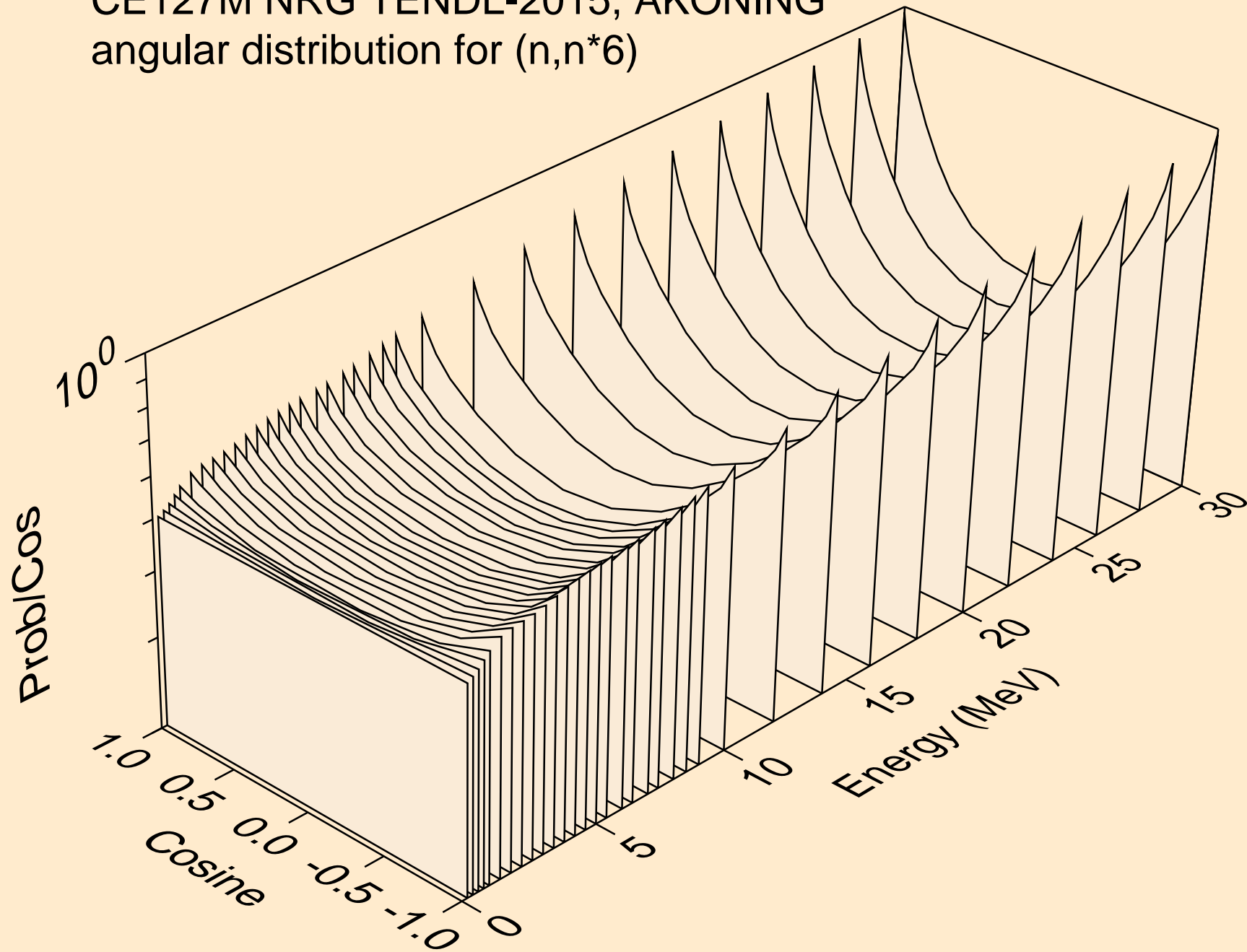
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

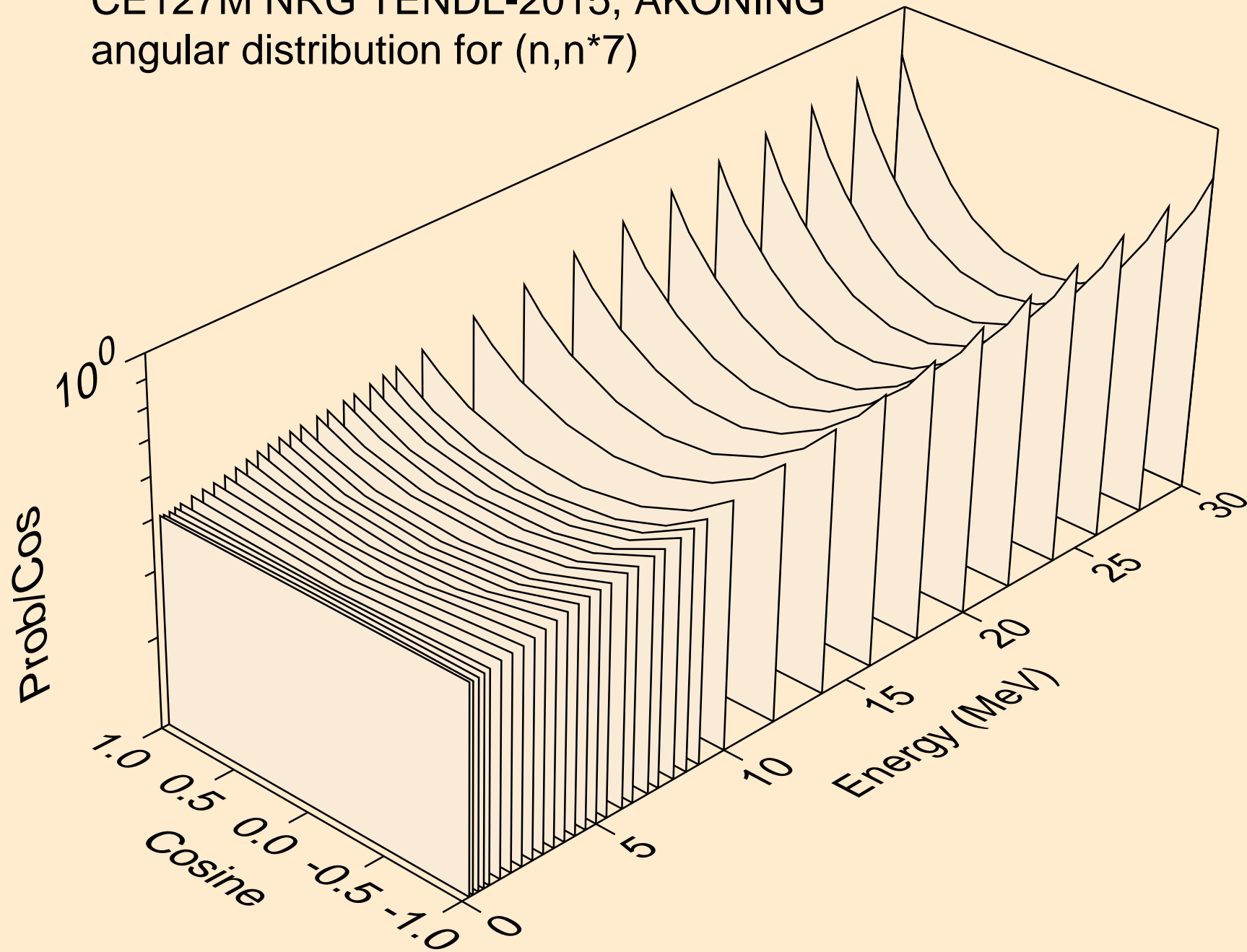


CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

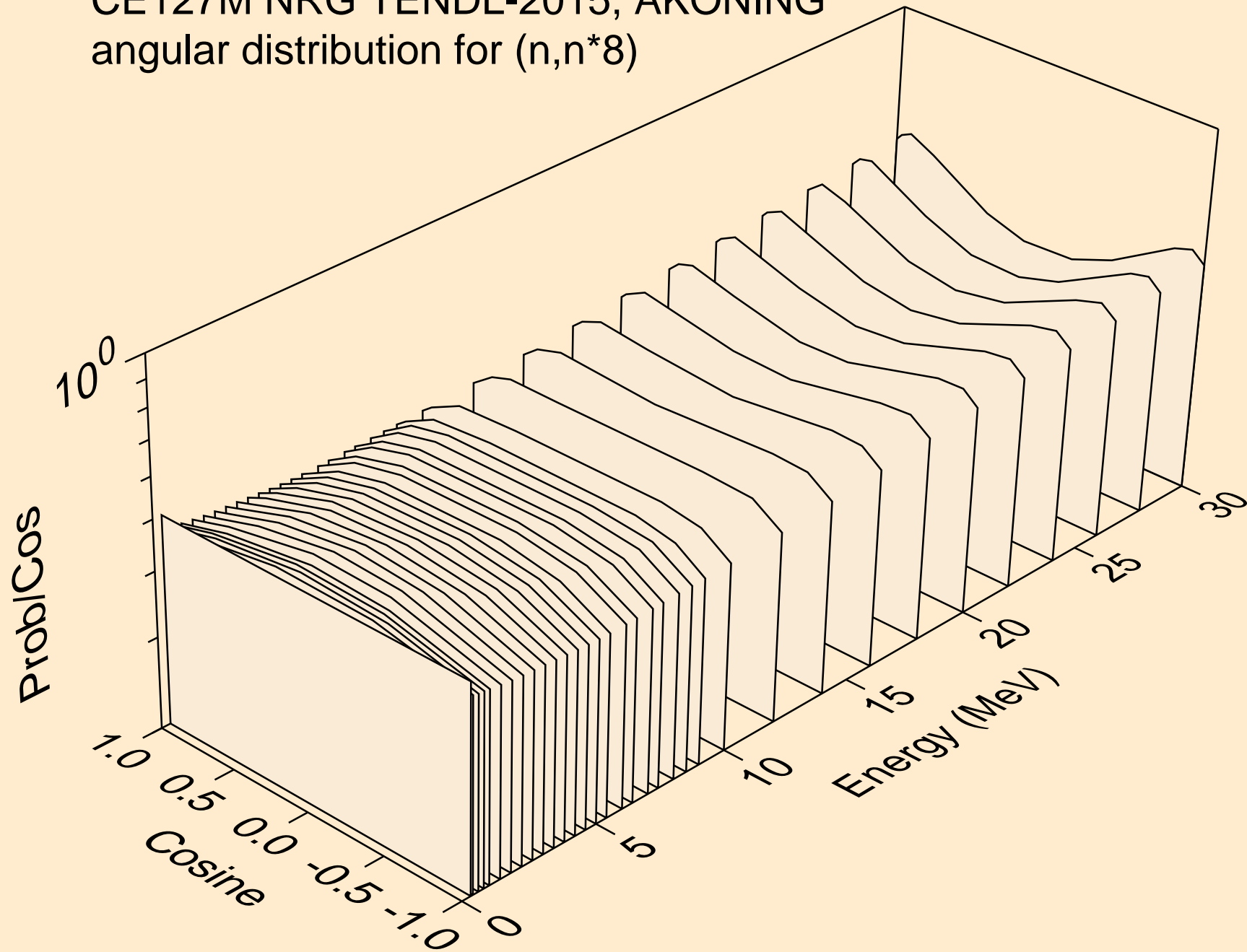




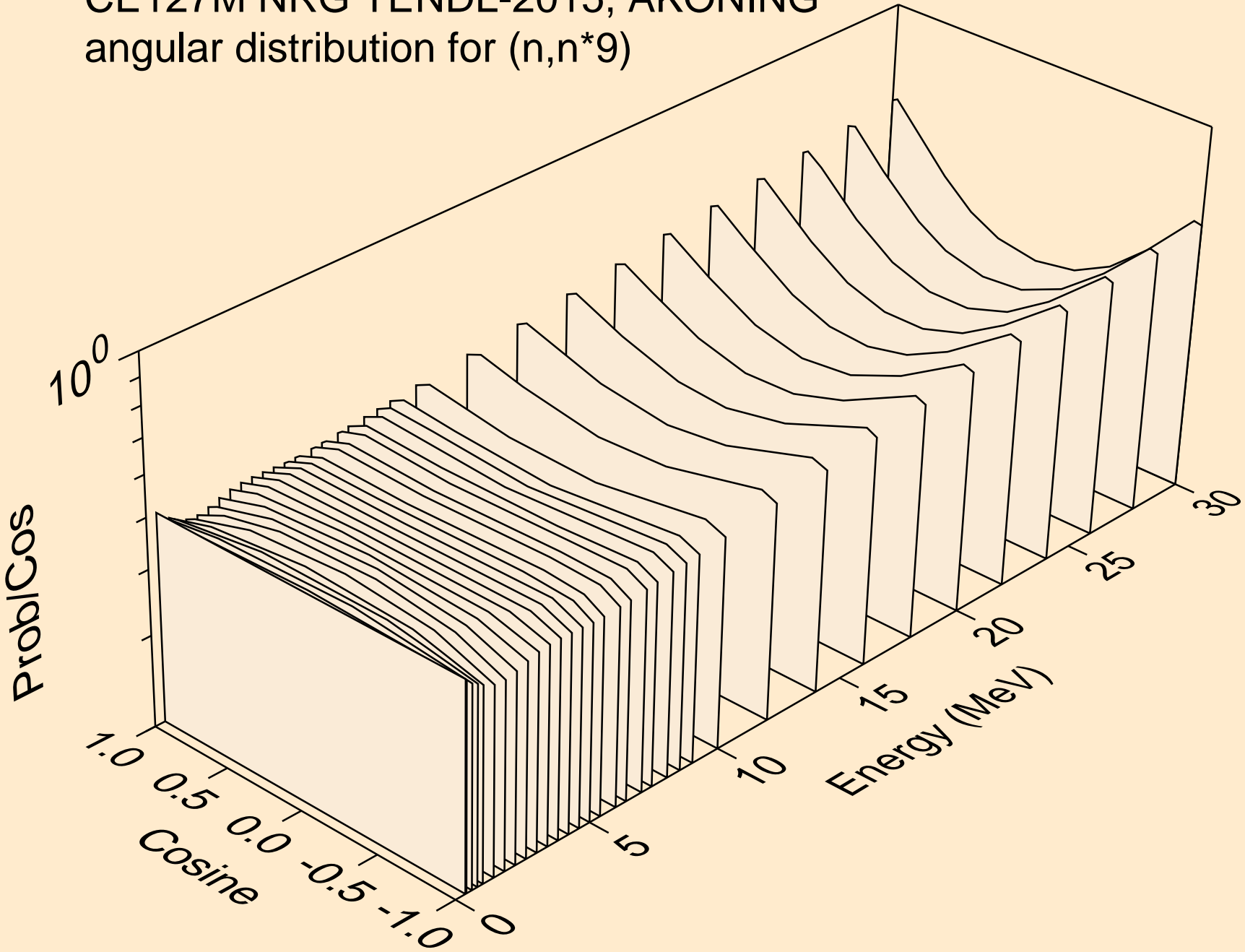
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



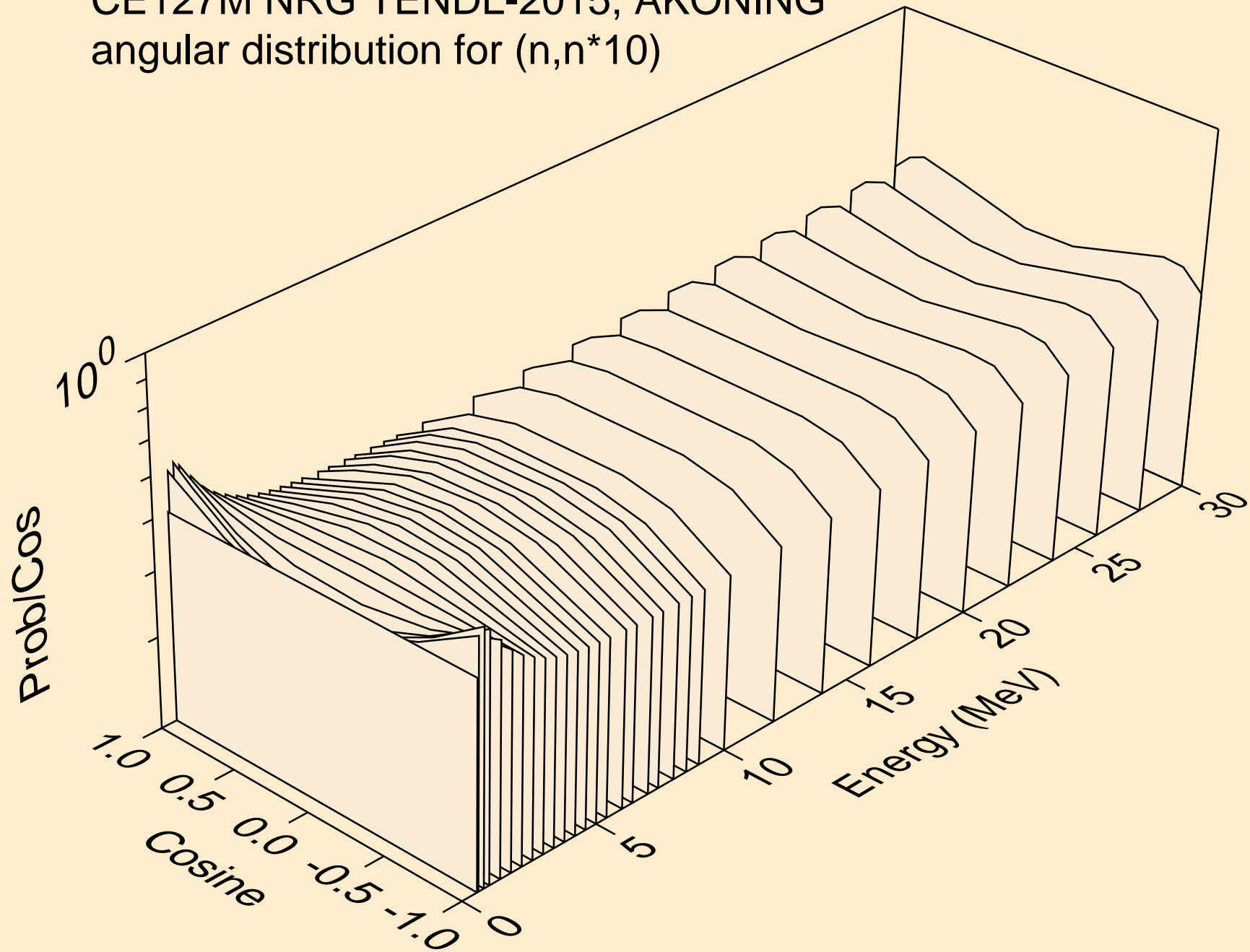
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angular distribution for (n,n\*8)



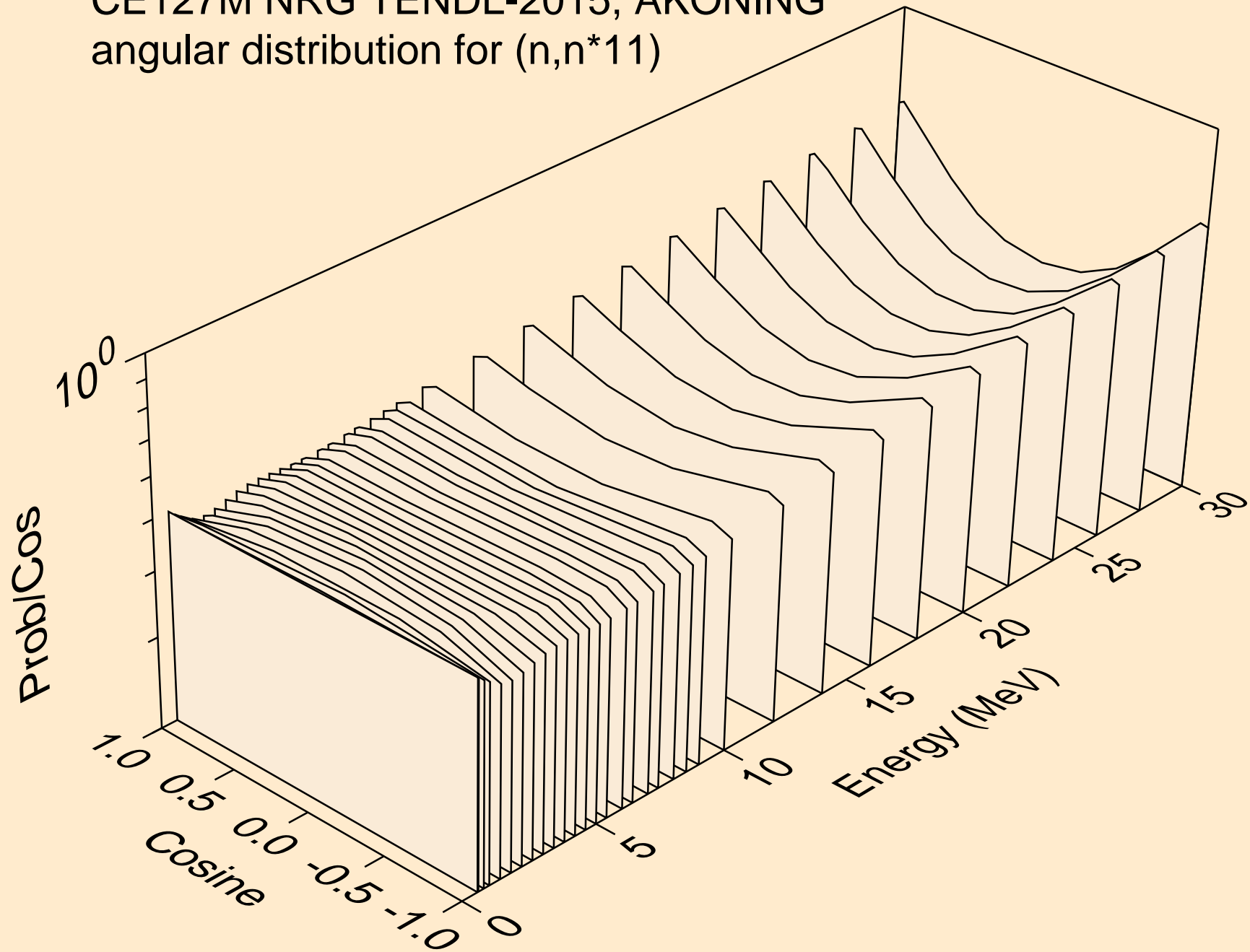
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angular distribution for (n,n\*9)



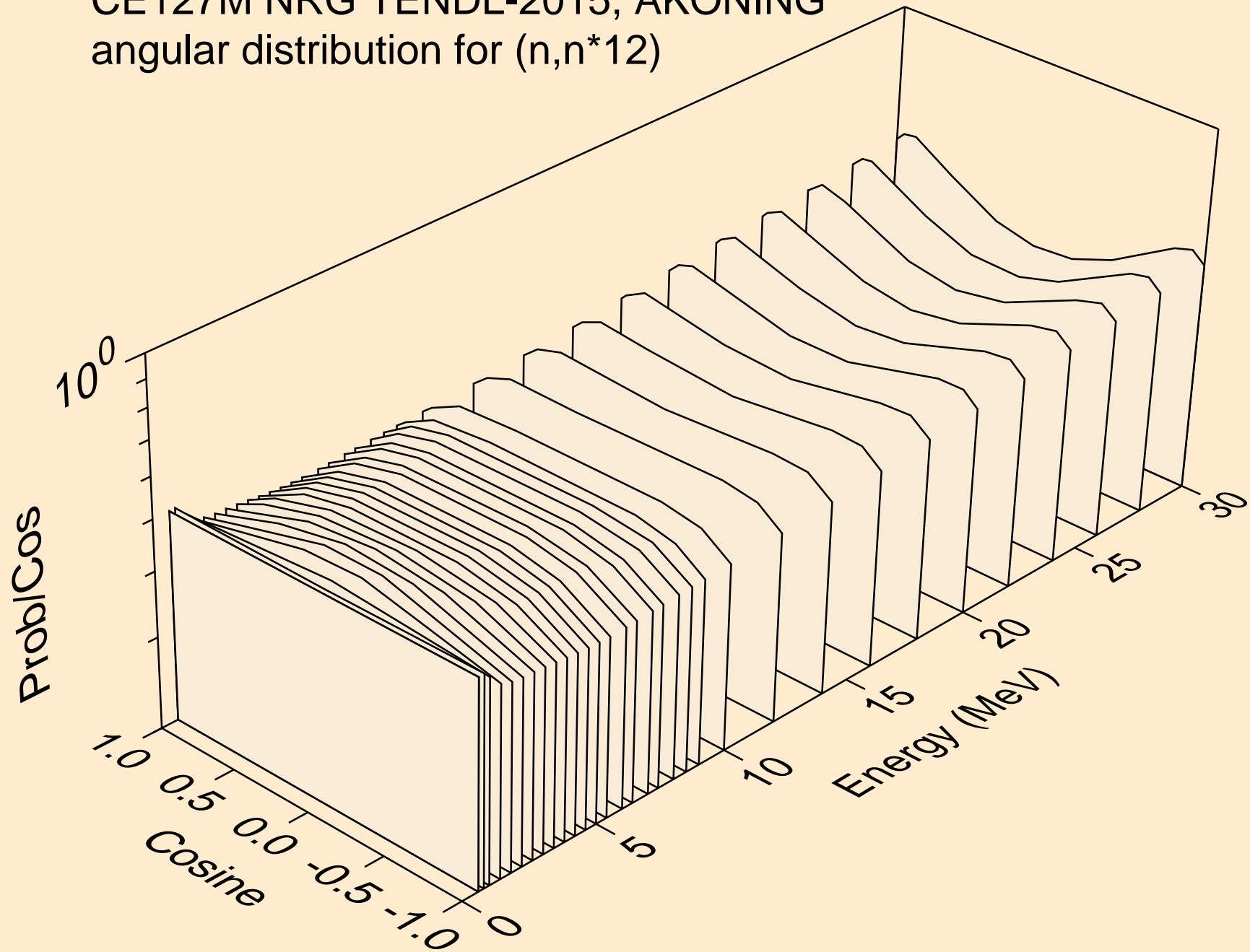
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angular distribution for (n,n\*10)



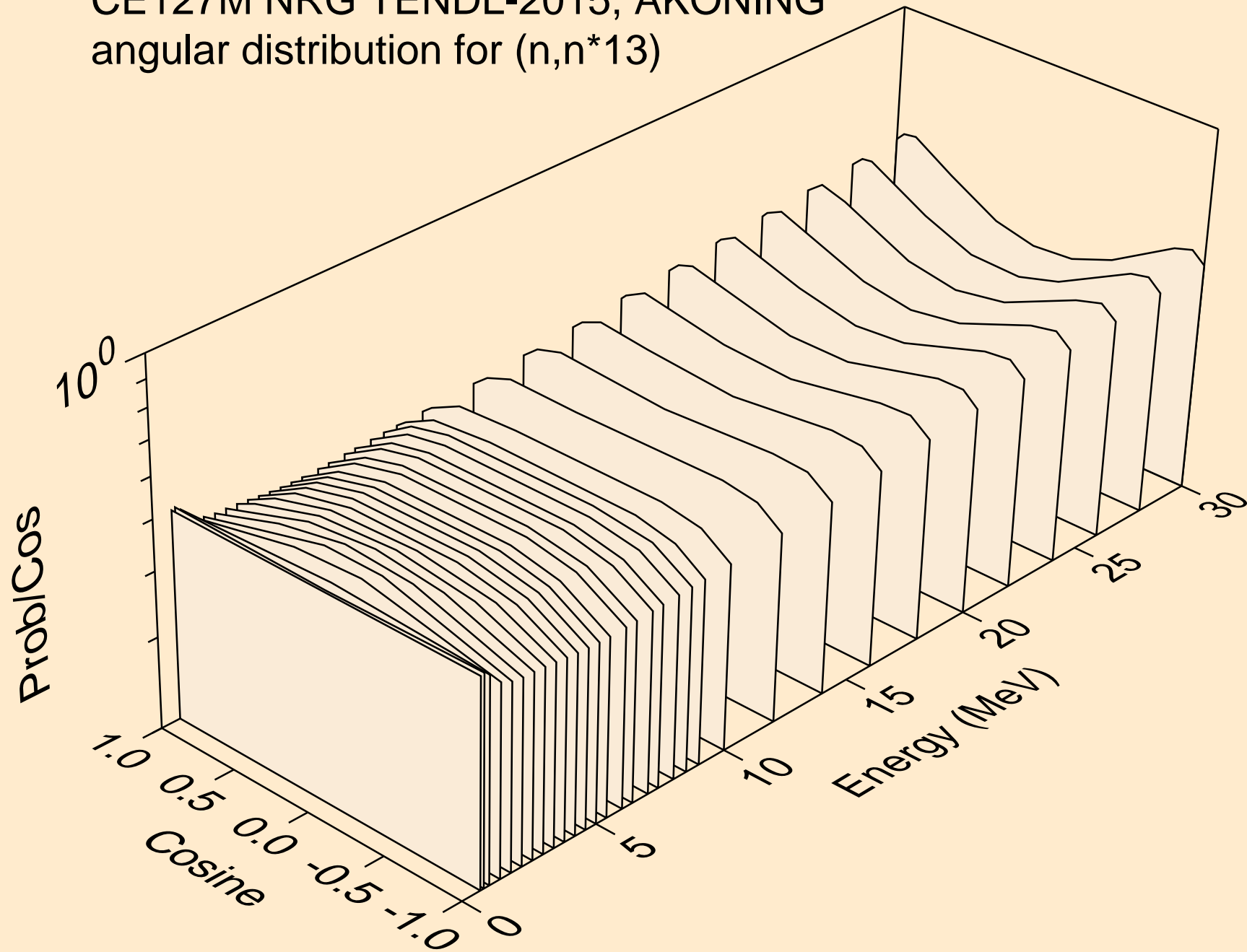
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



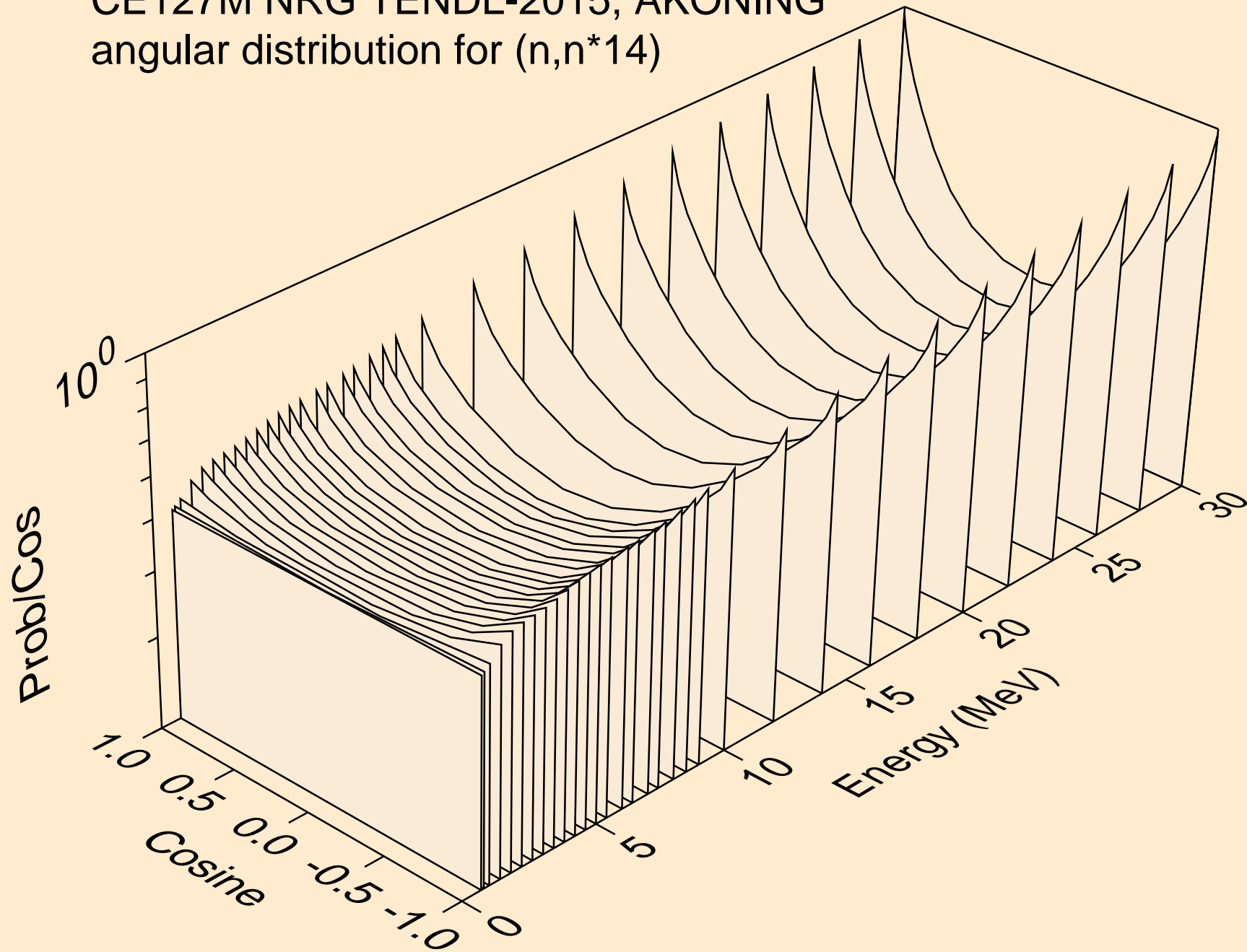
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

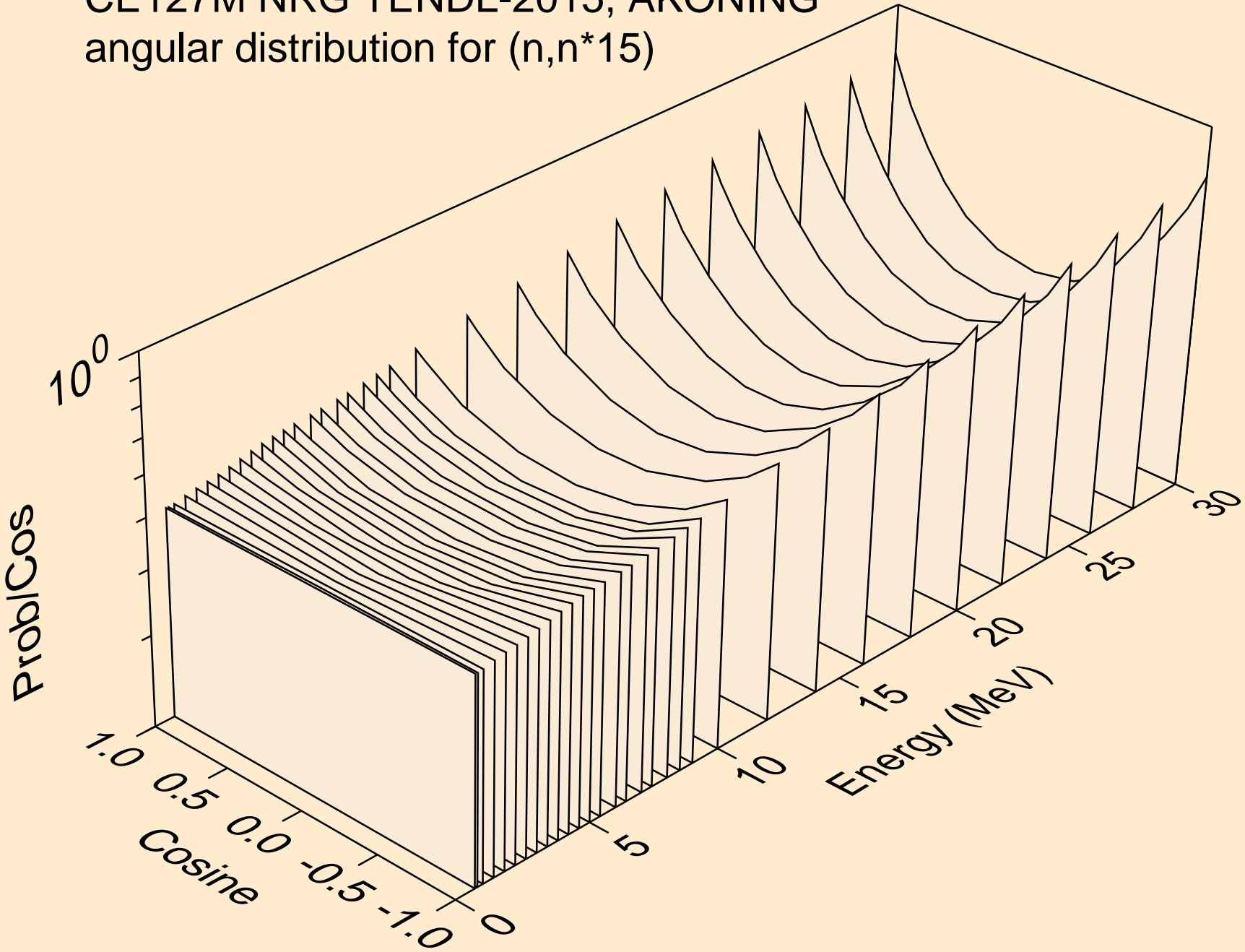


CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

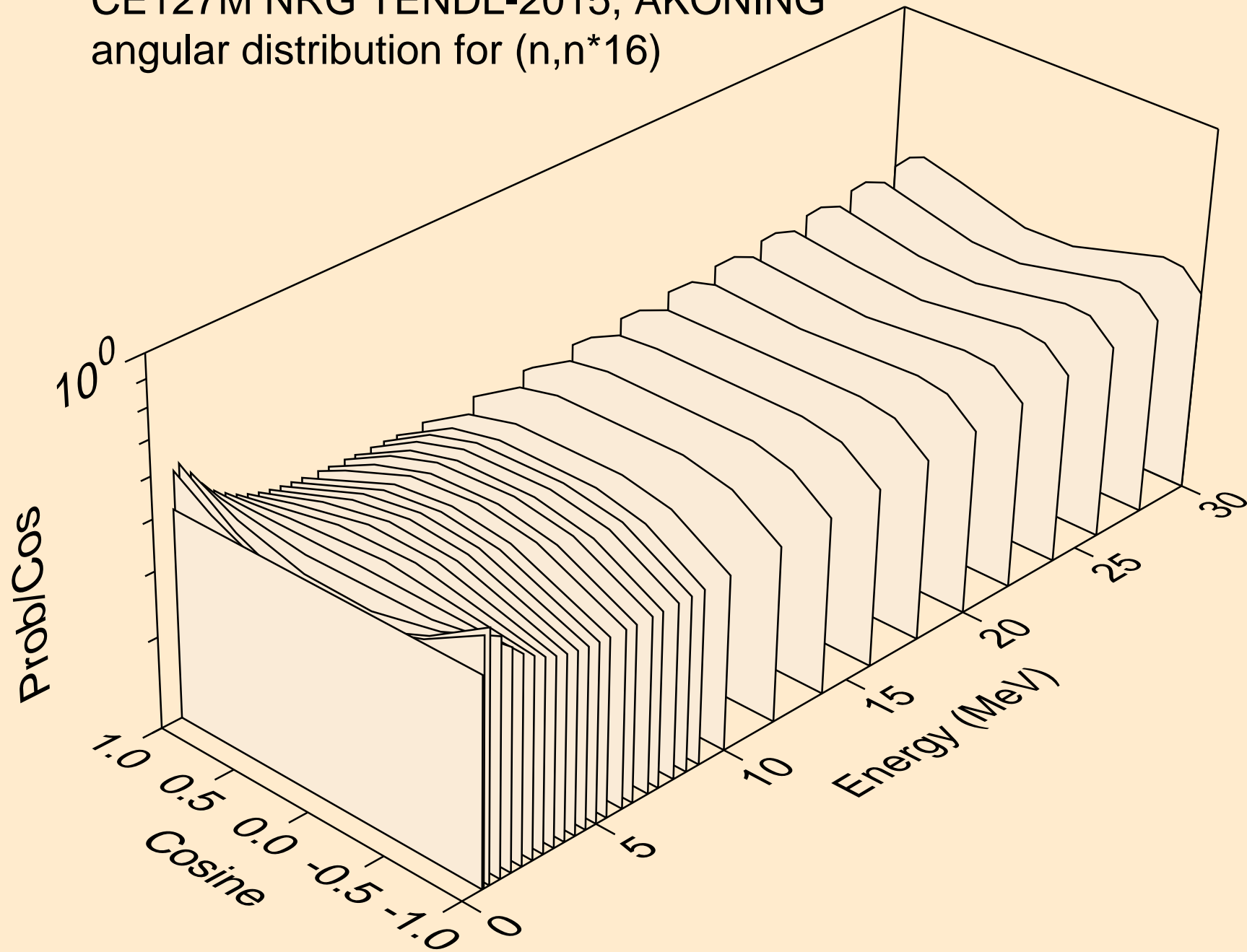




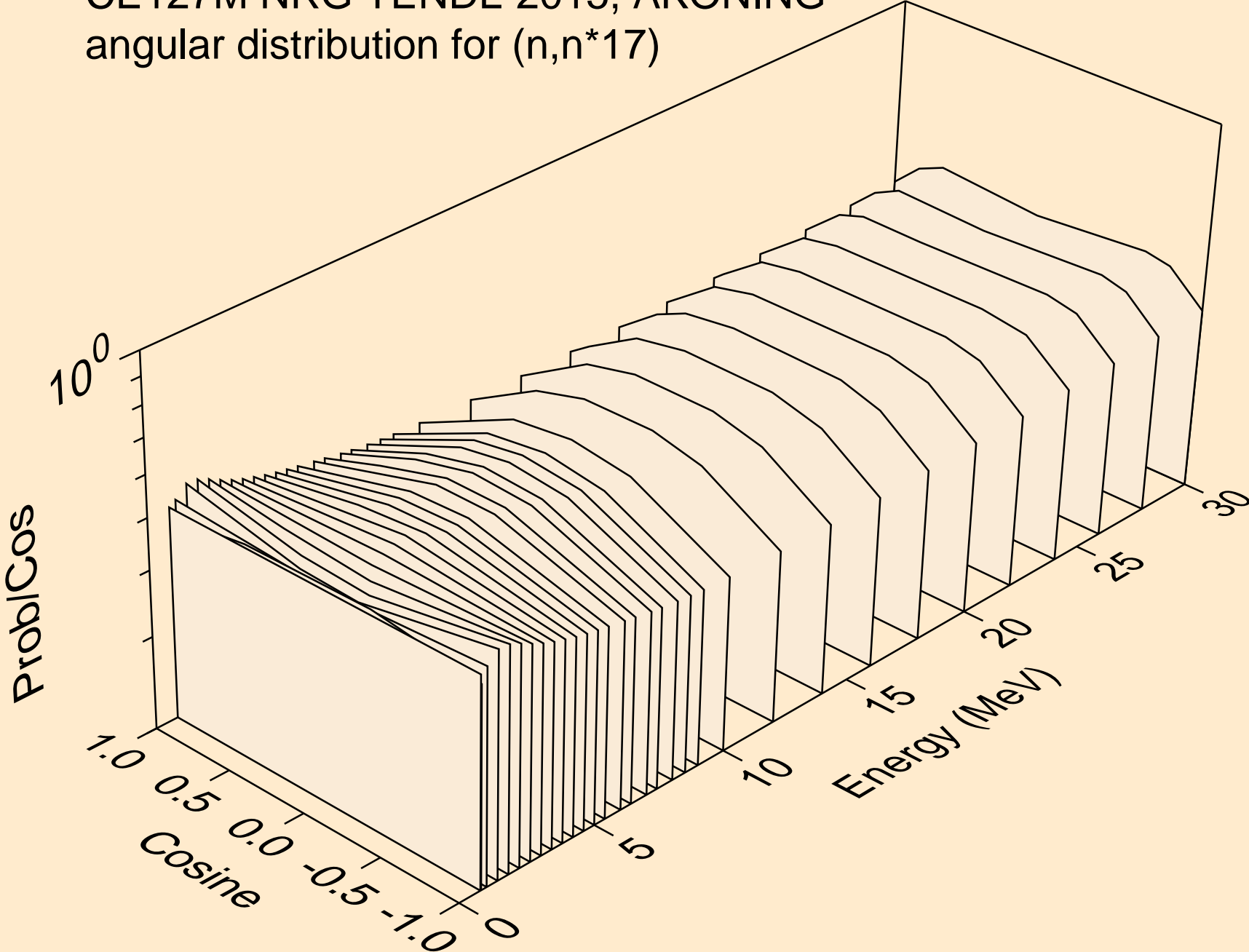
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



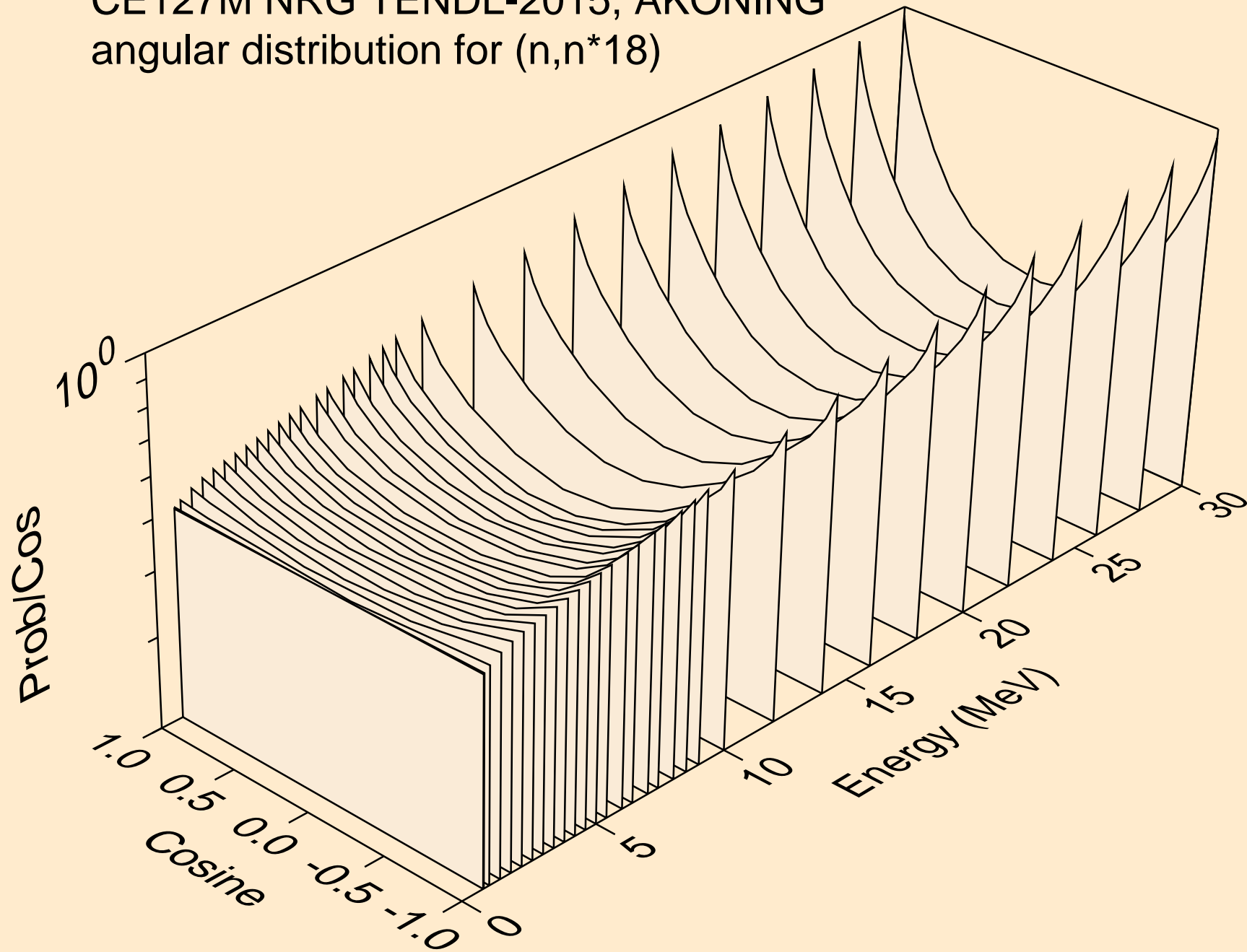
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



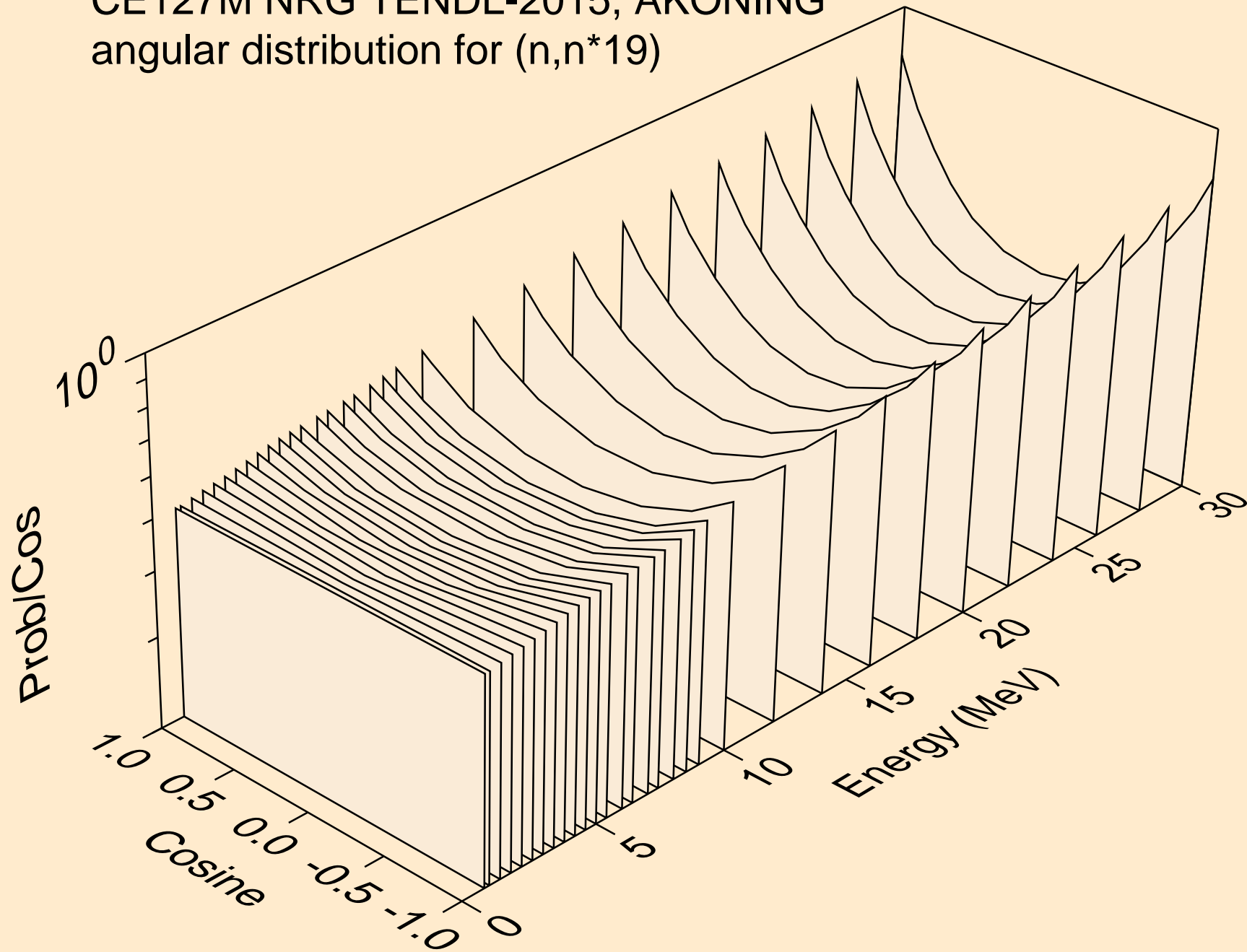
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



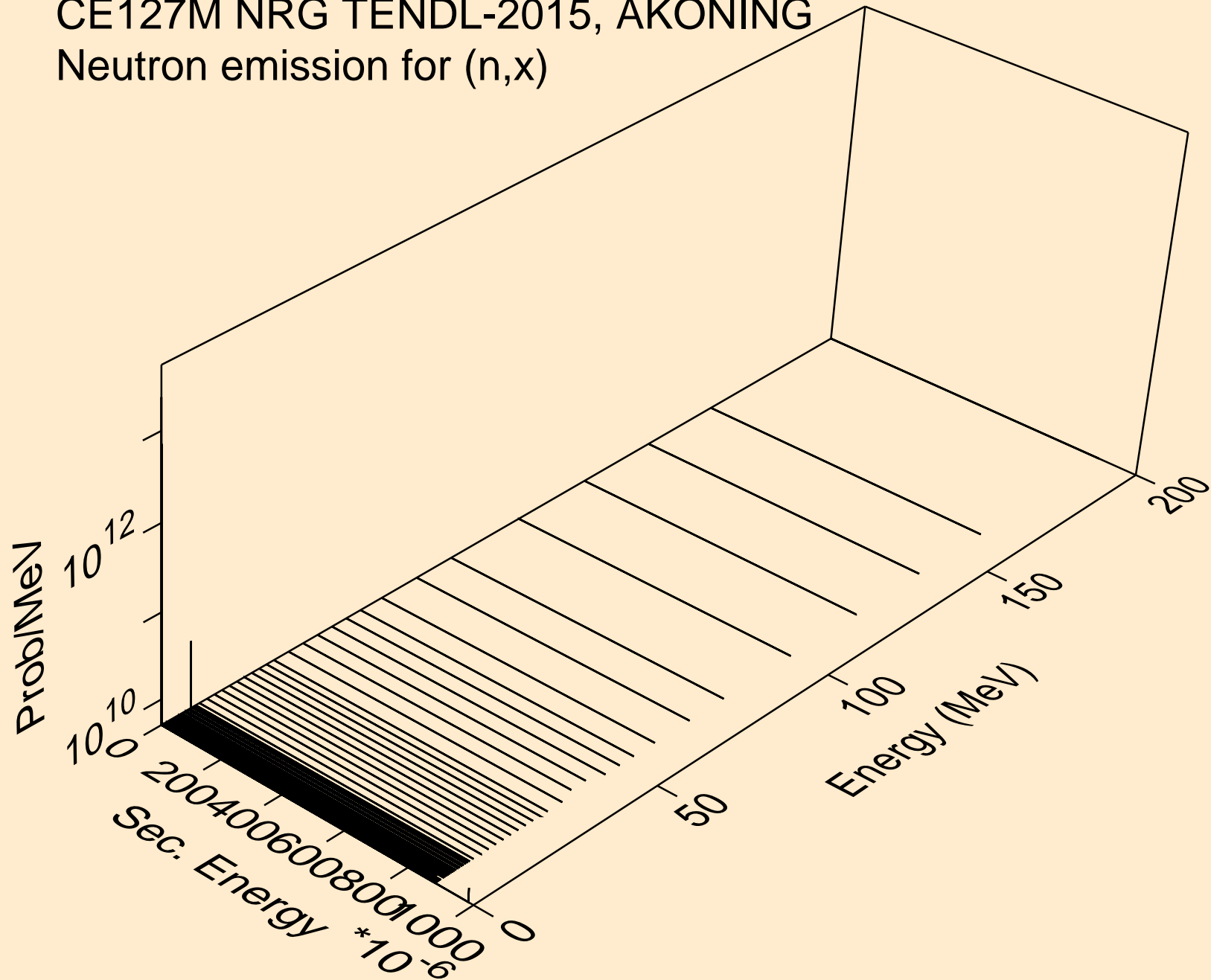
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



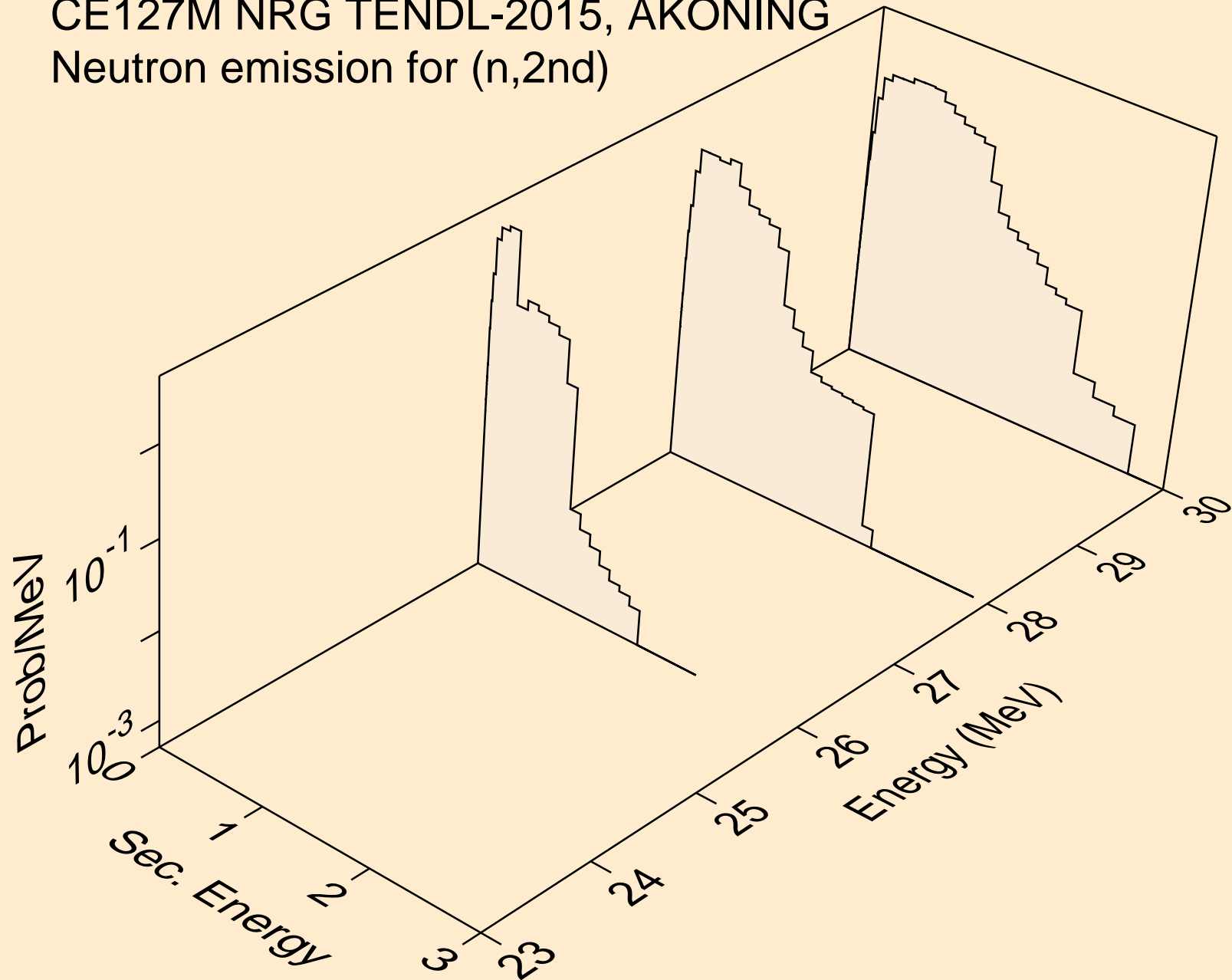
CE127M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



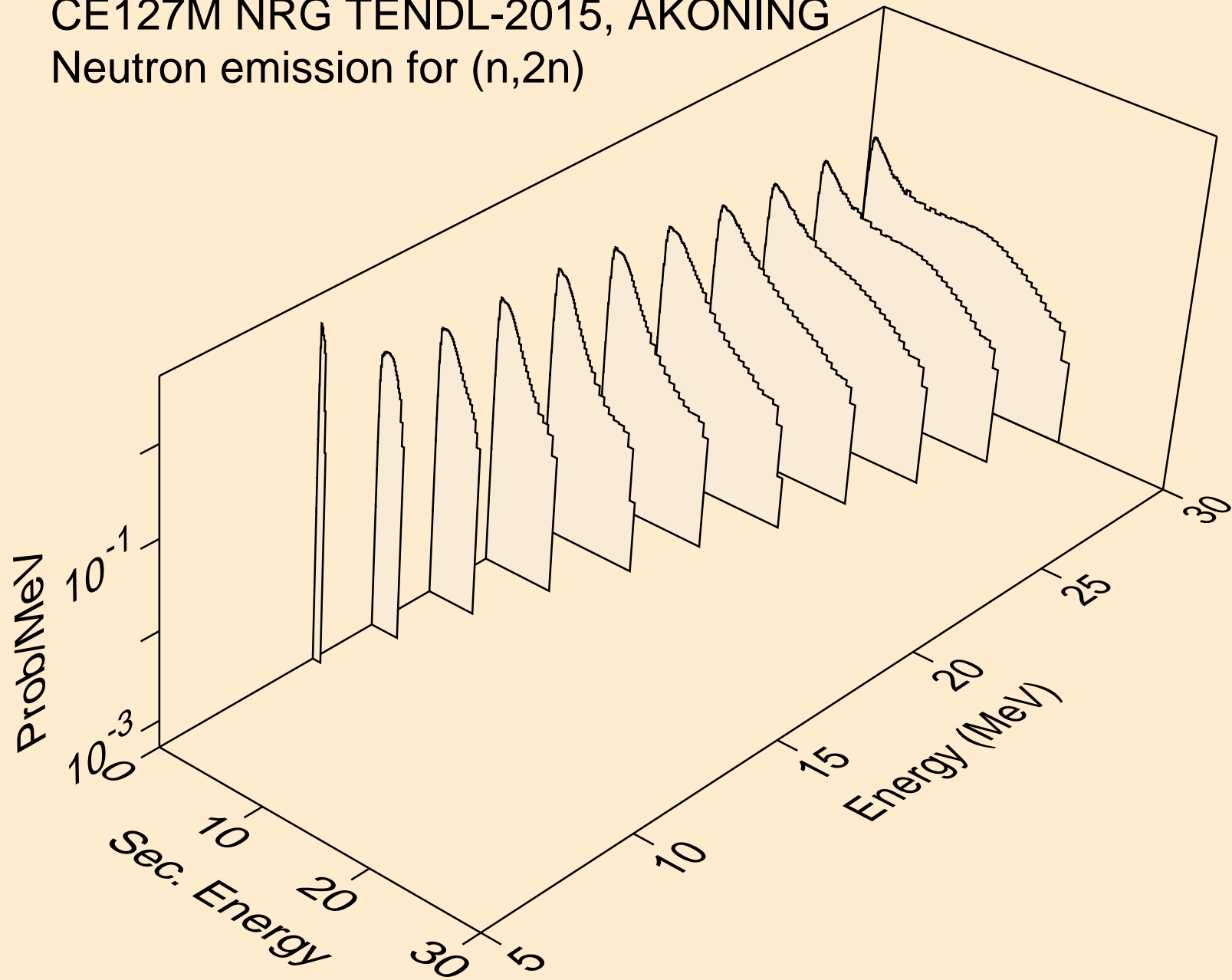
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

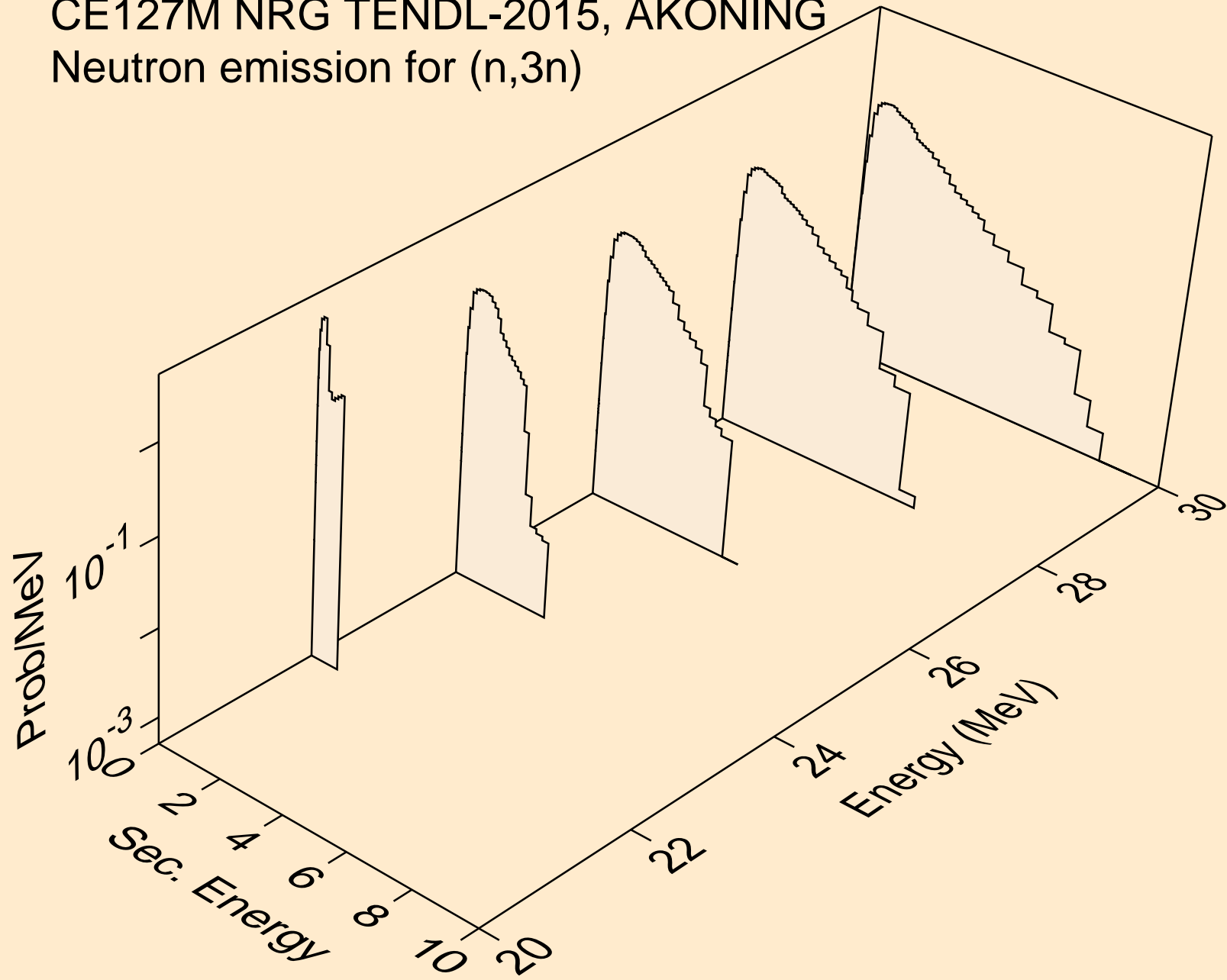


CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

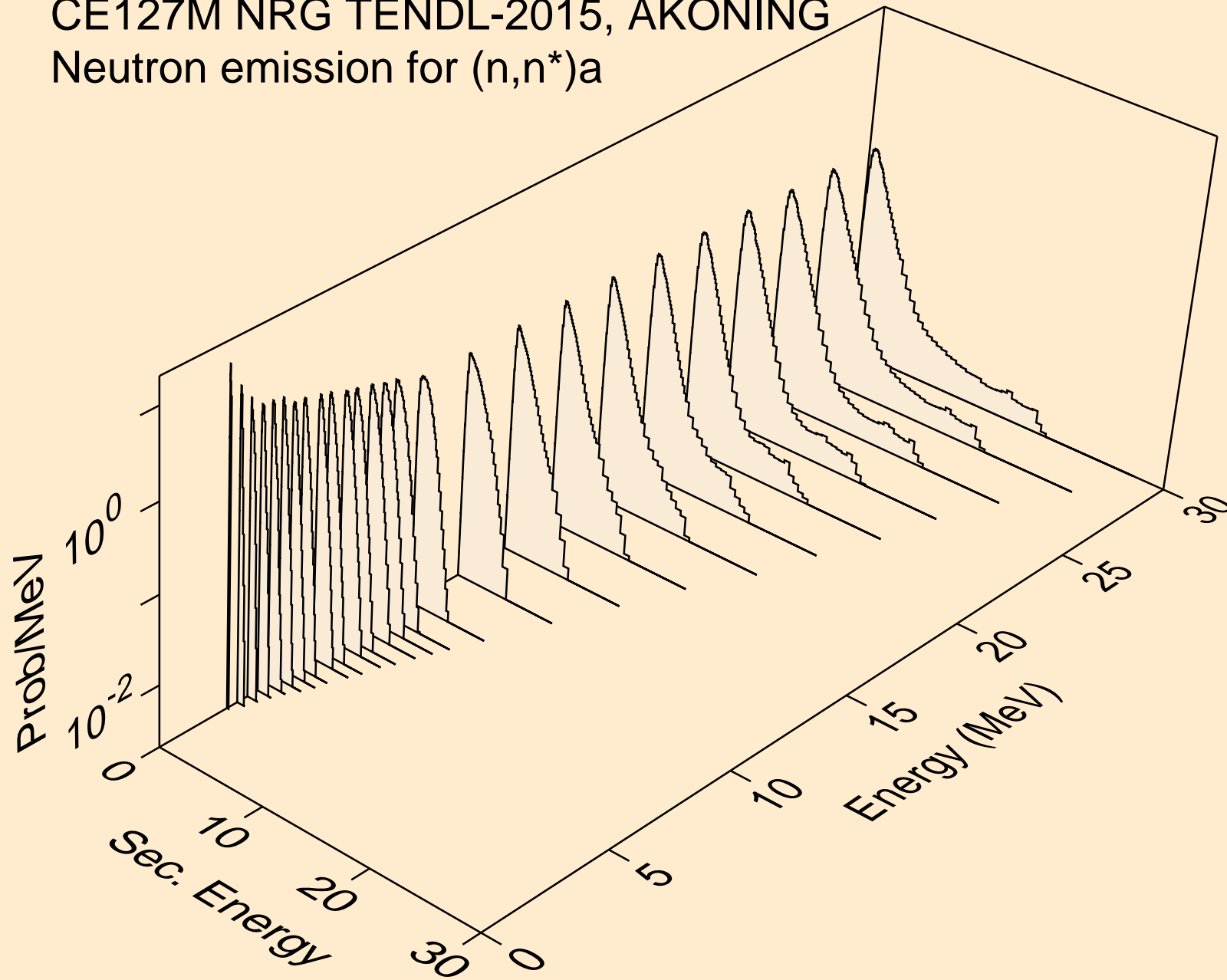




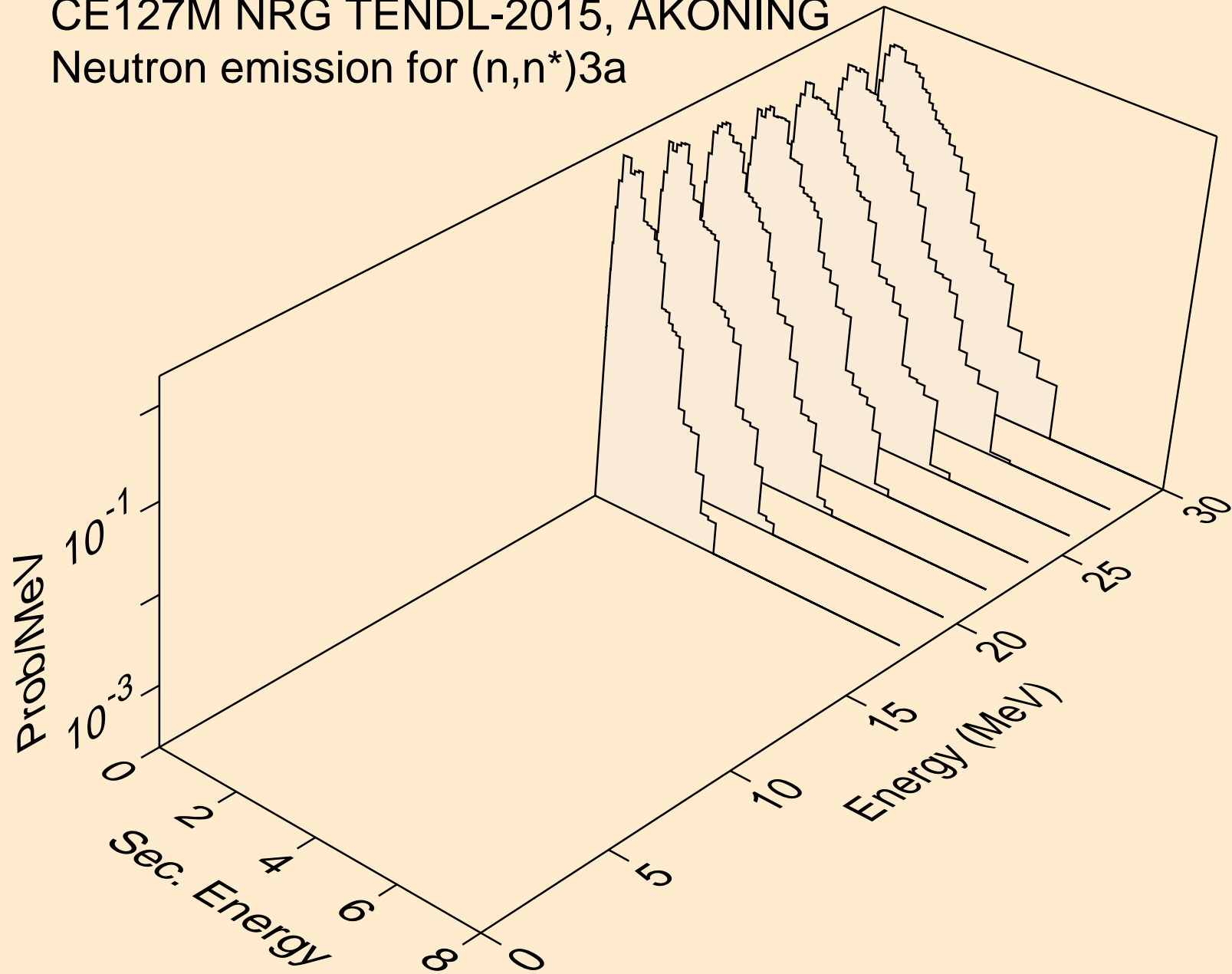
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



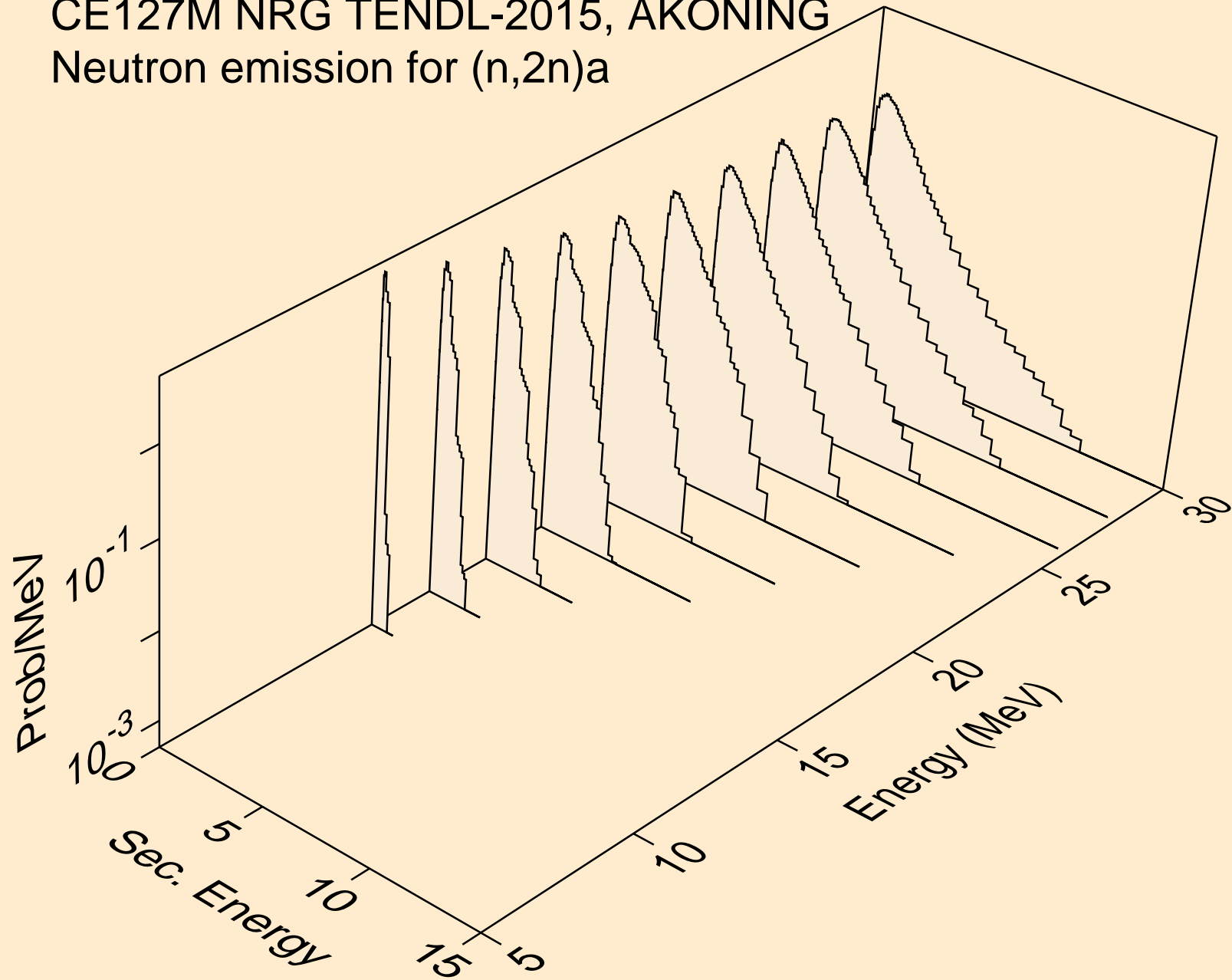
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



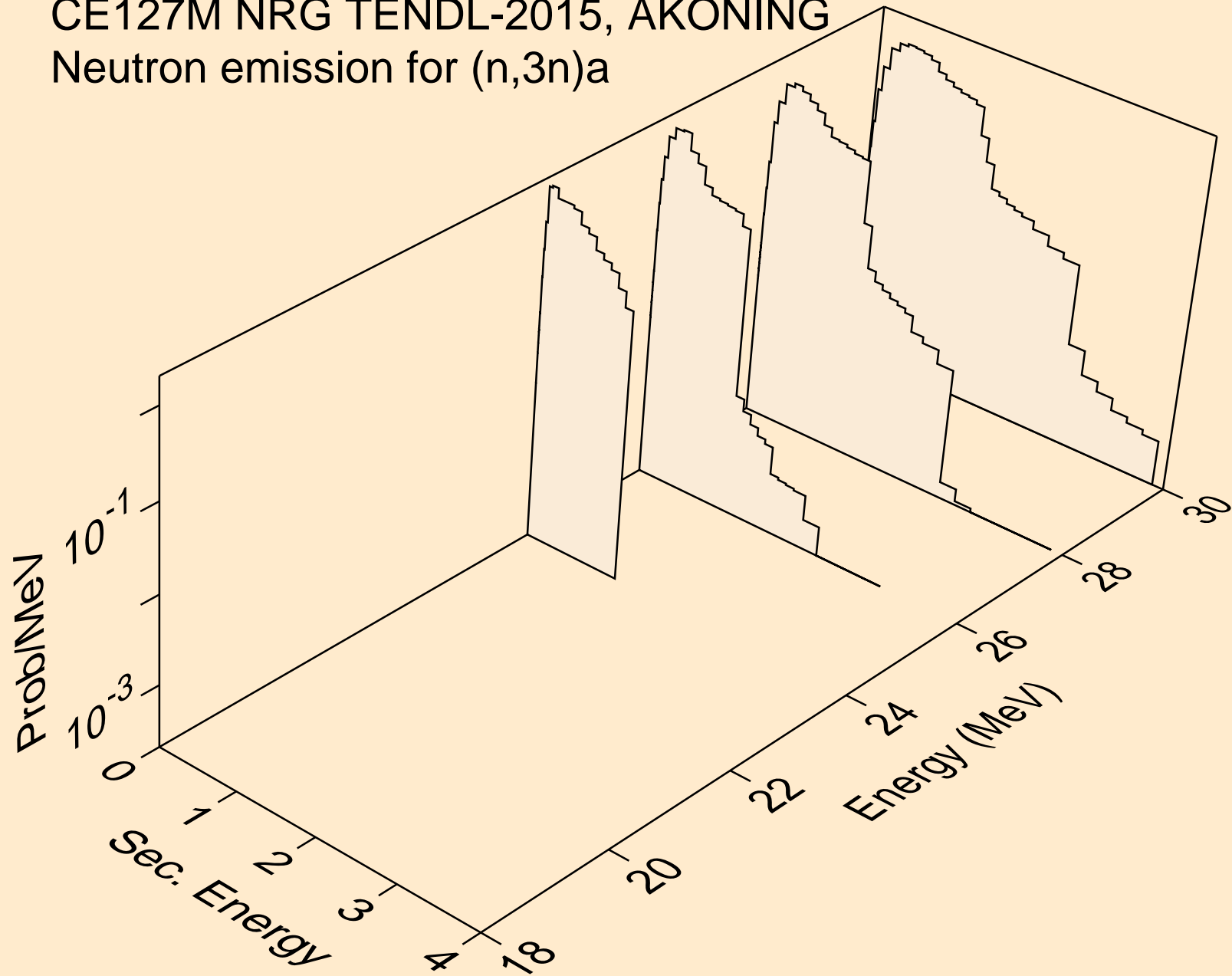
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



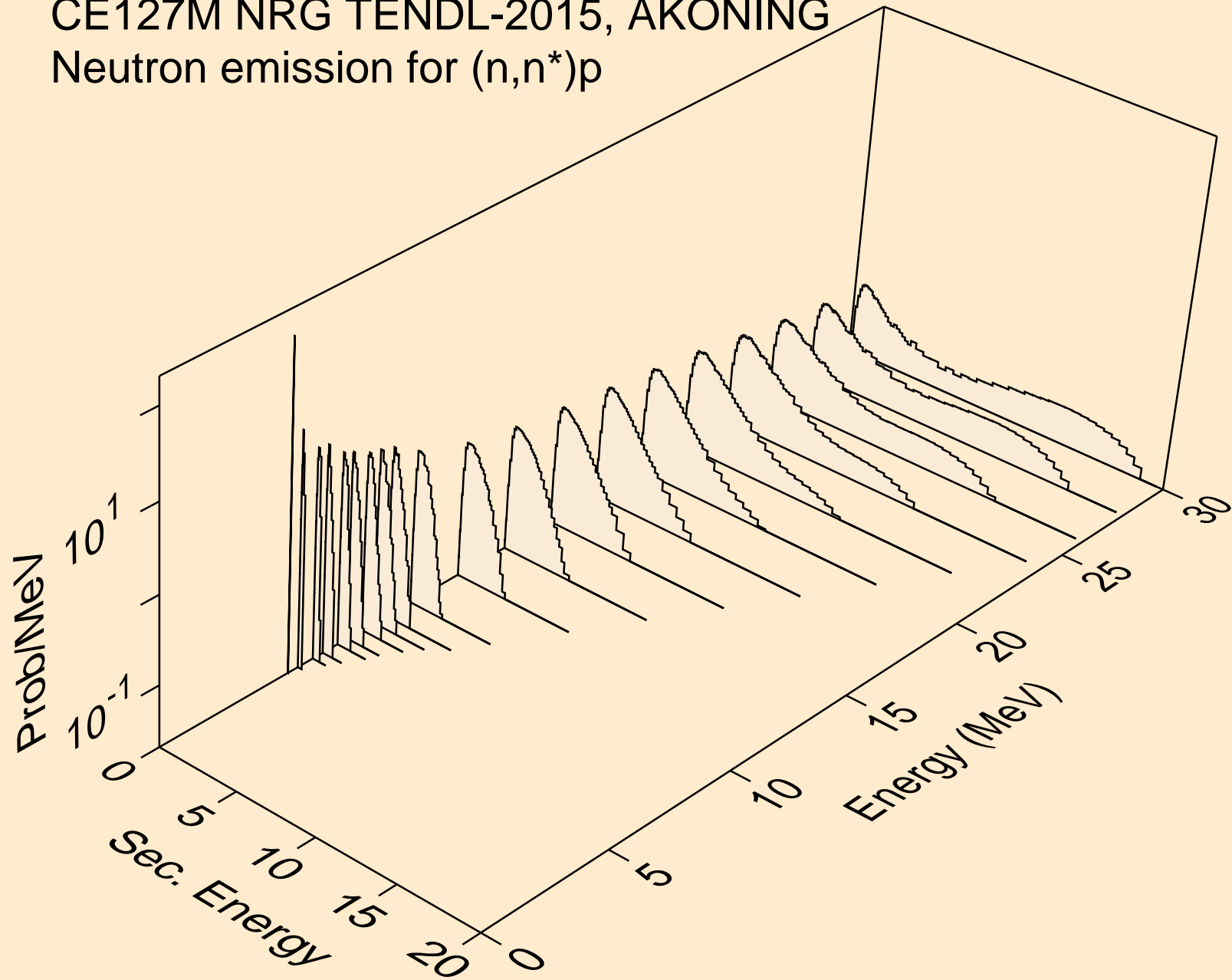
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



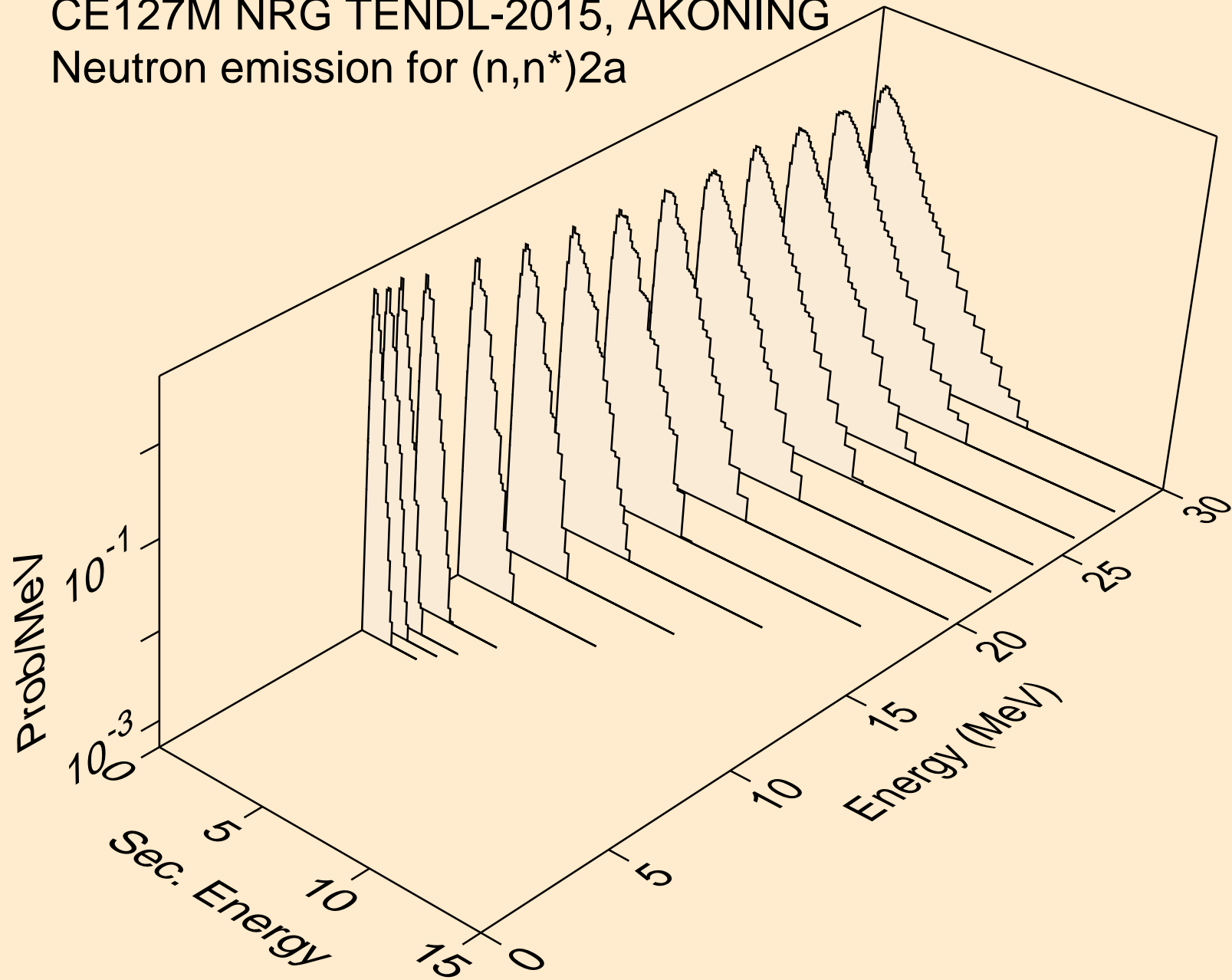
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



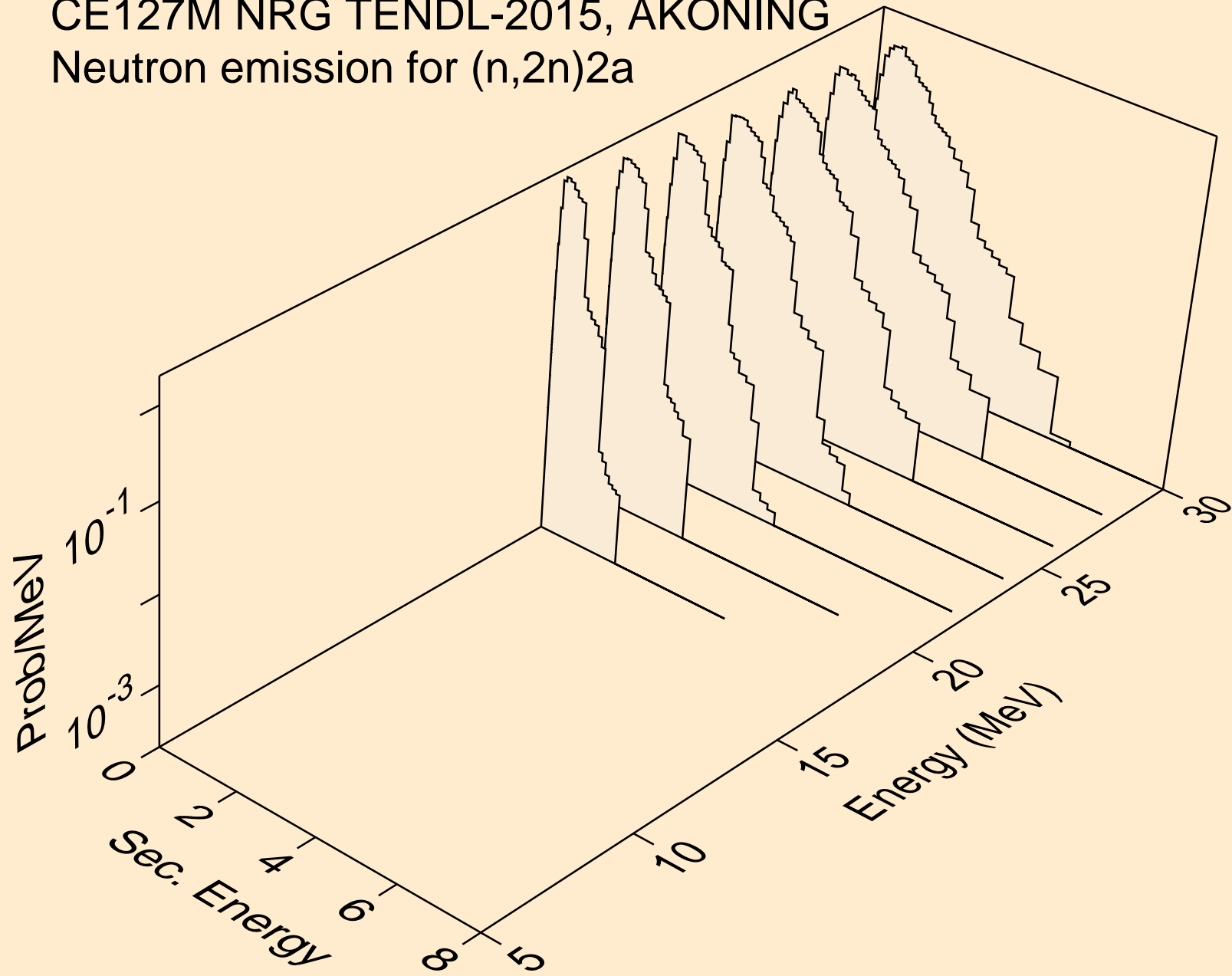
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

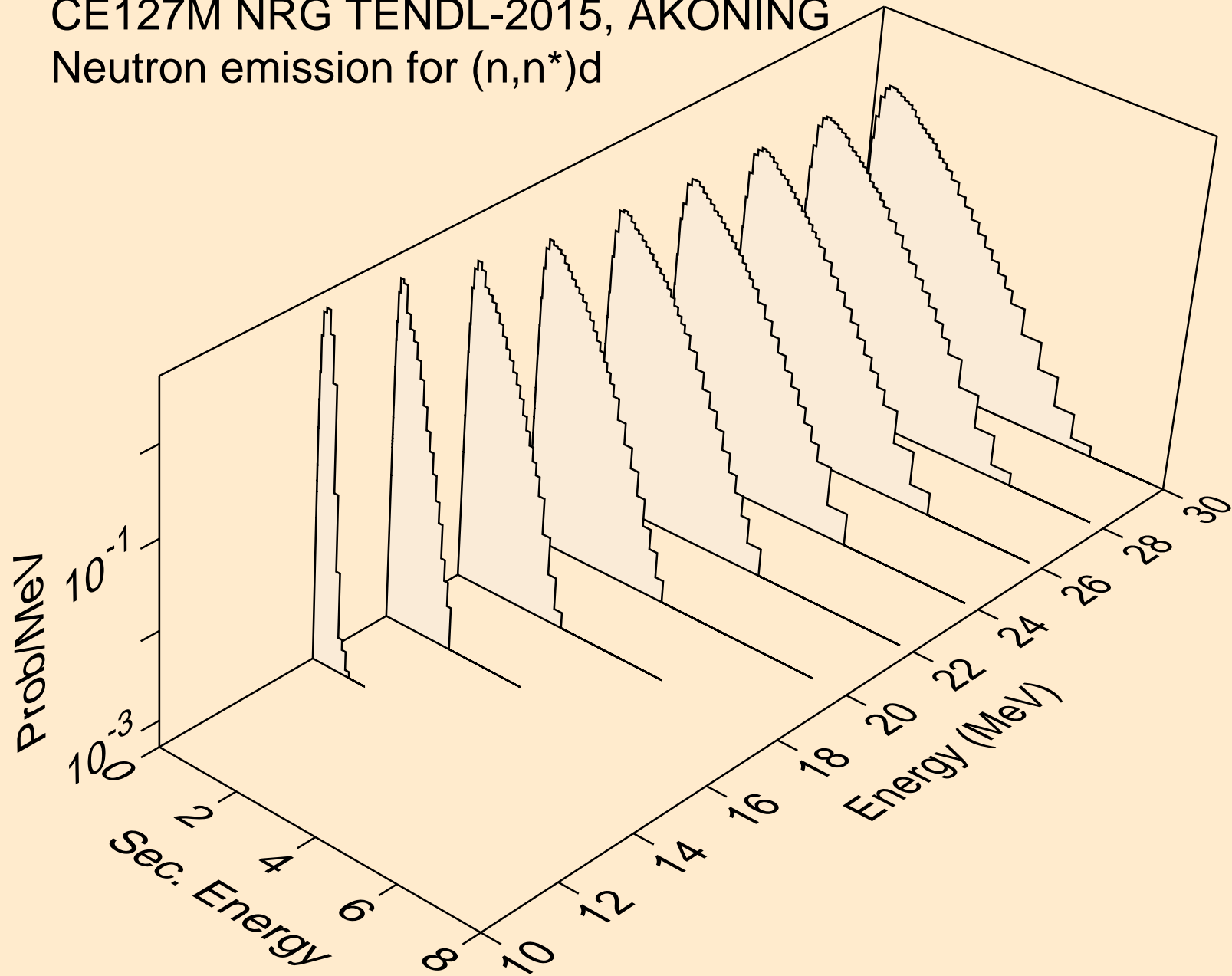


CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

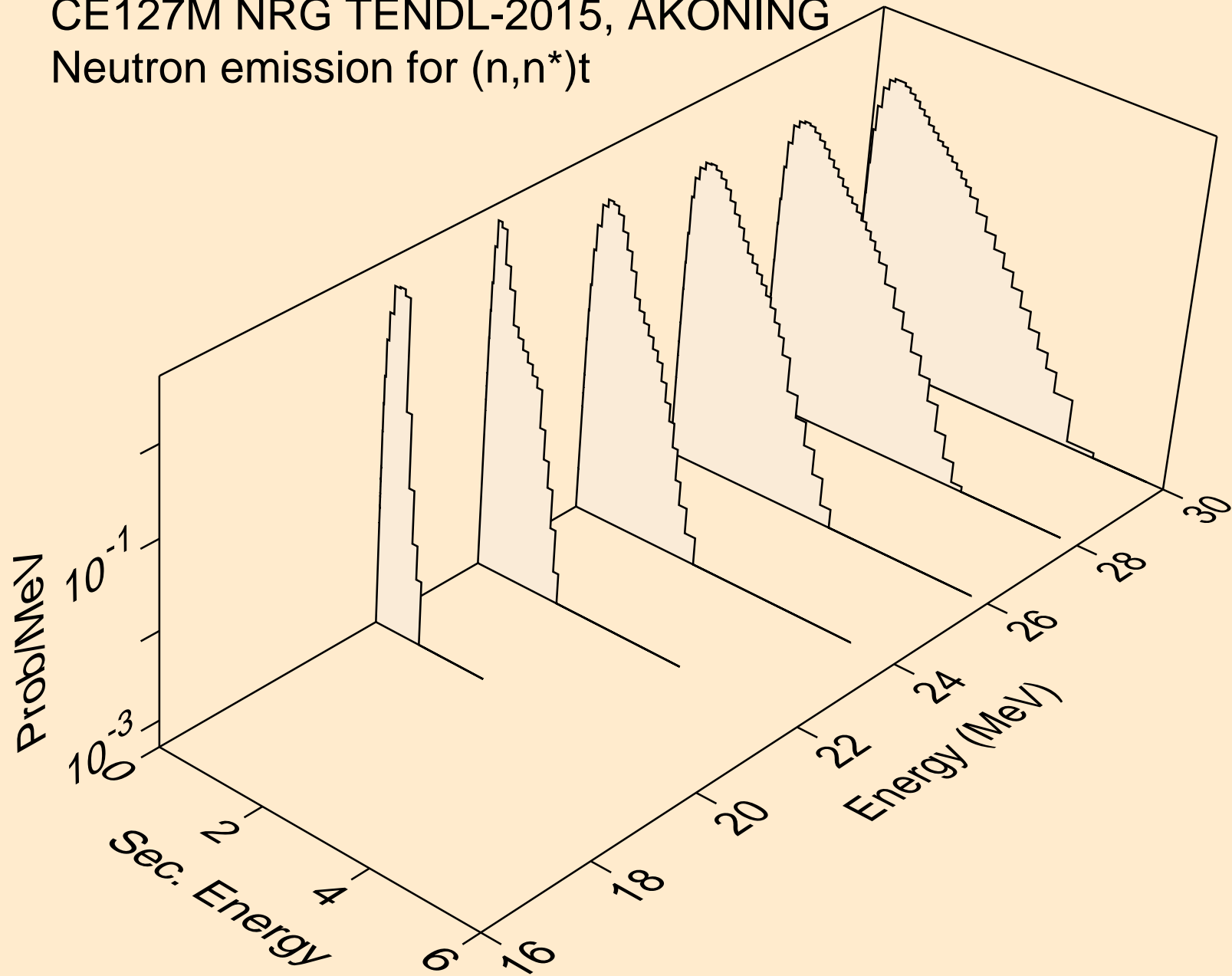




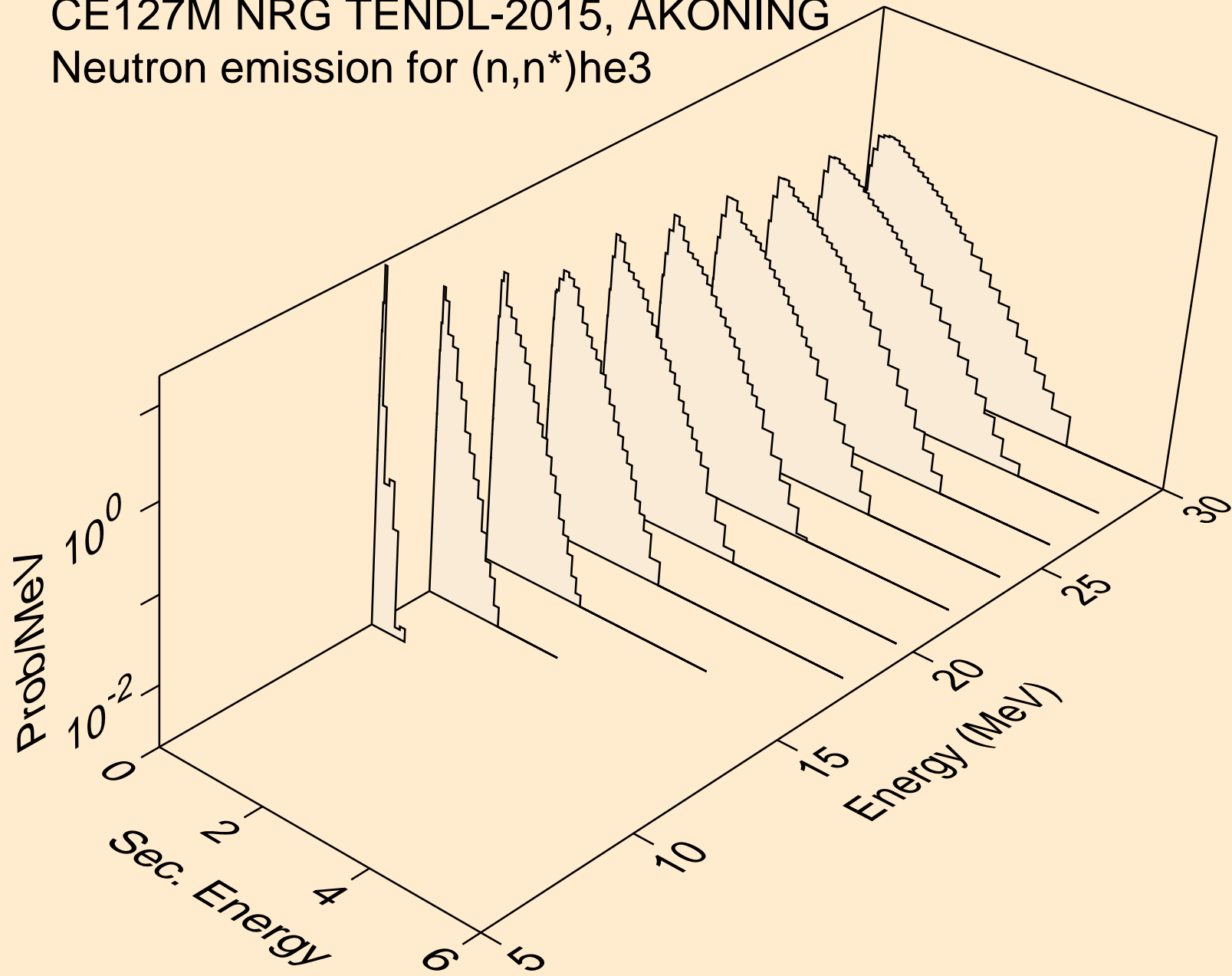
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



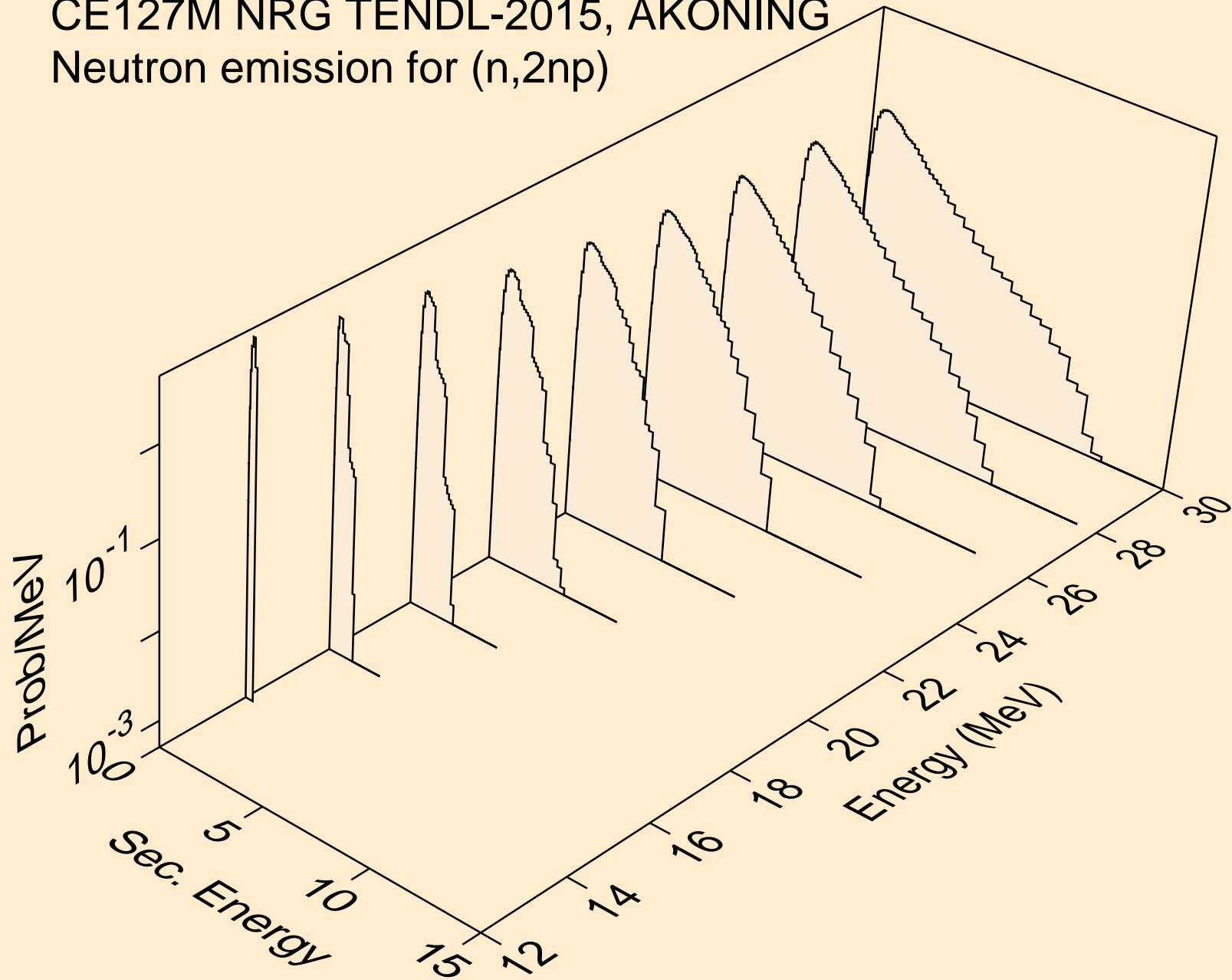
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Neutron emission for (n,n\*)t



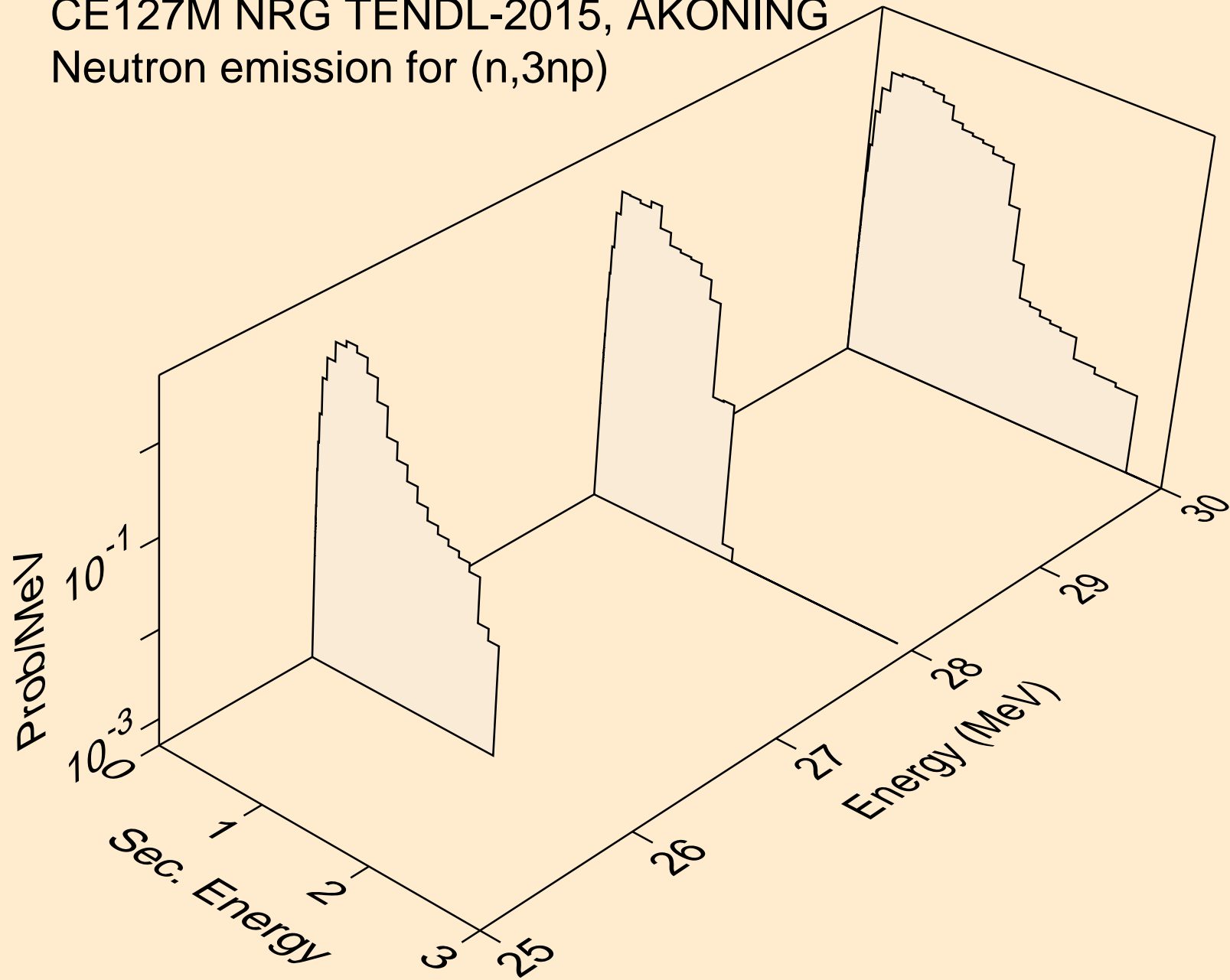
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



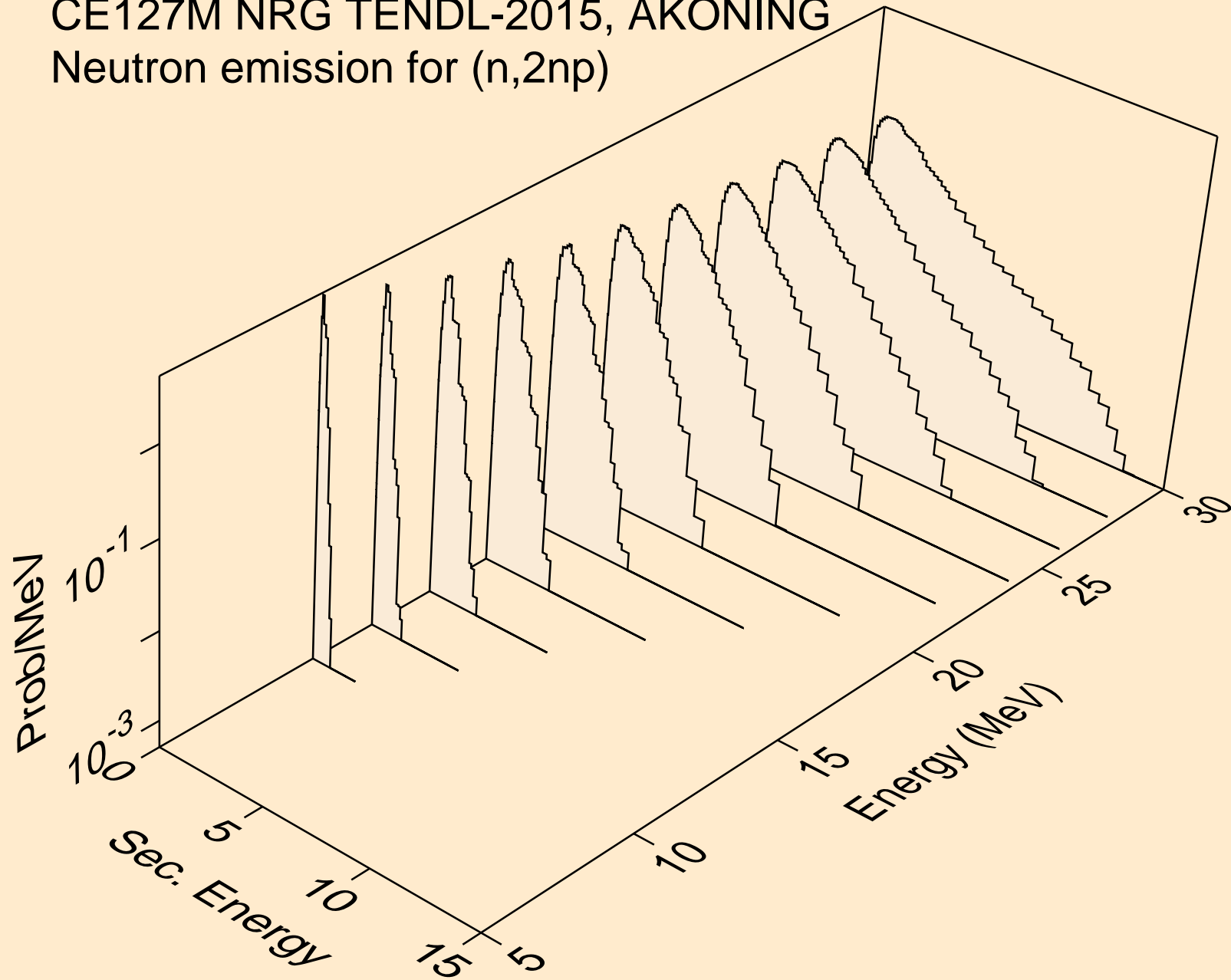
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



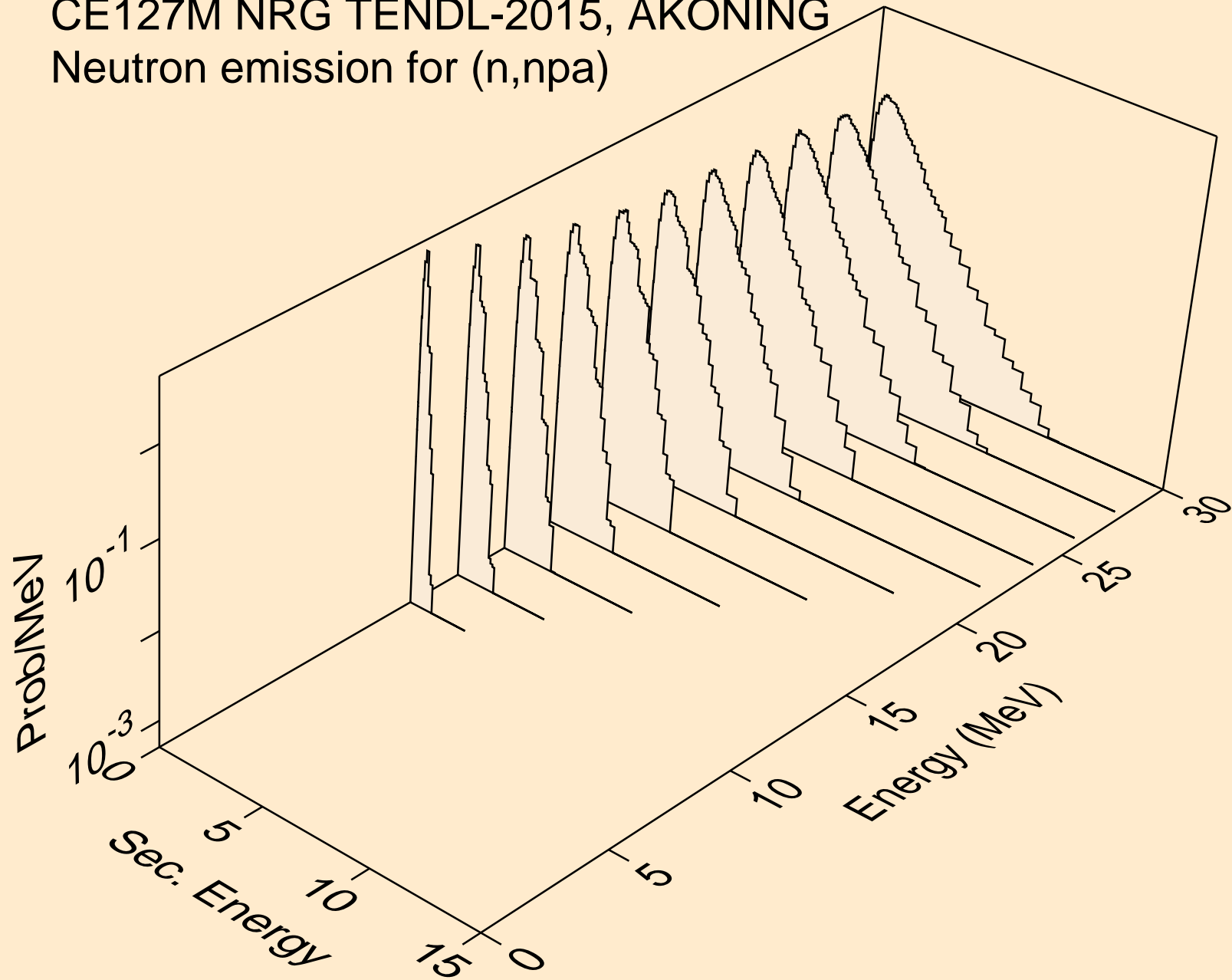
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



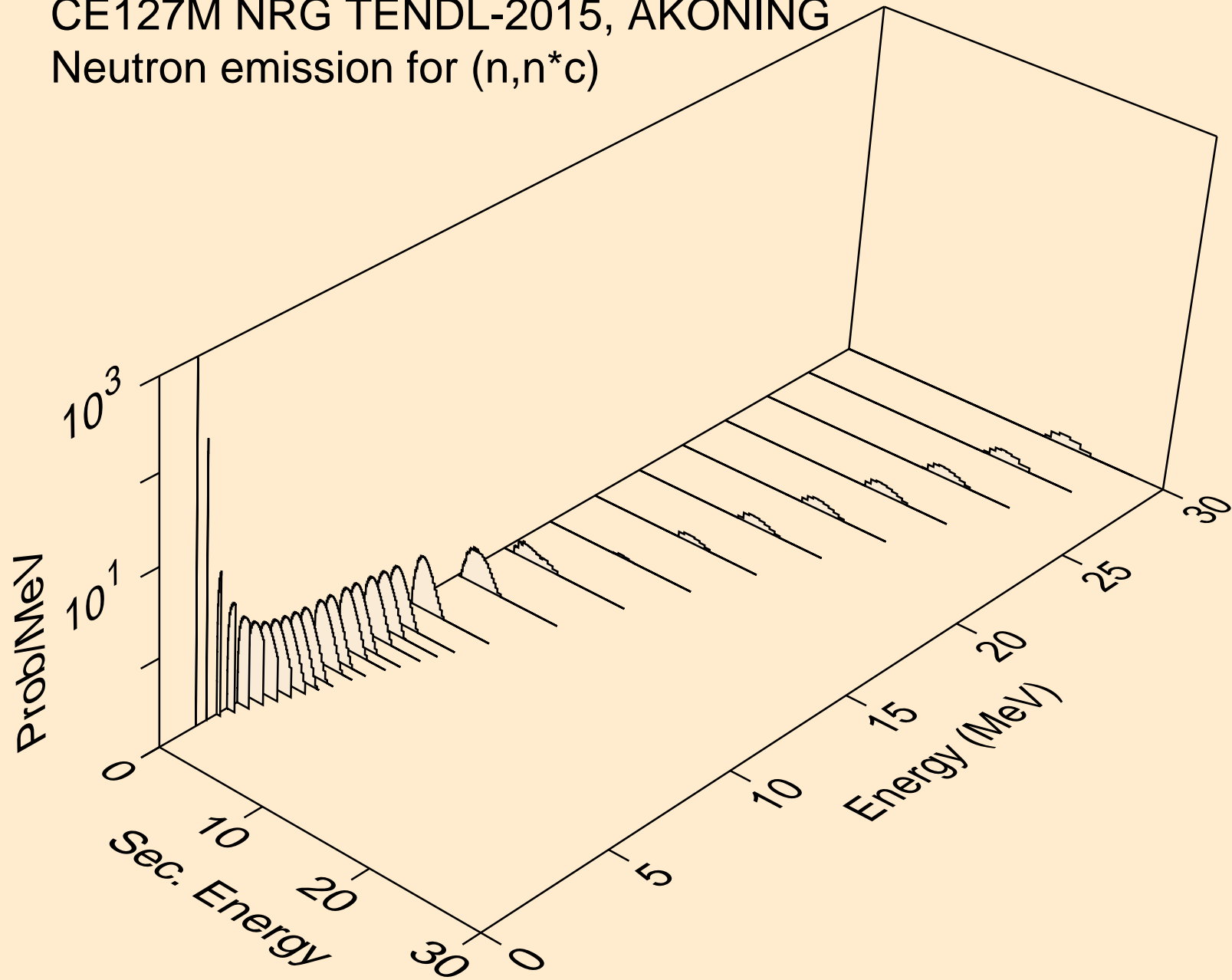
CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

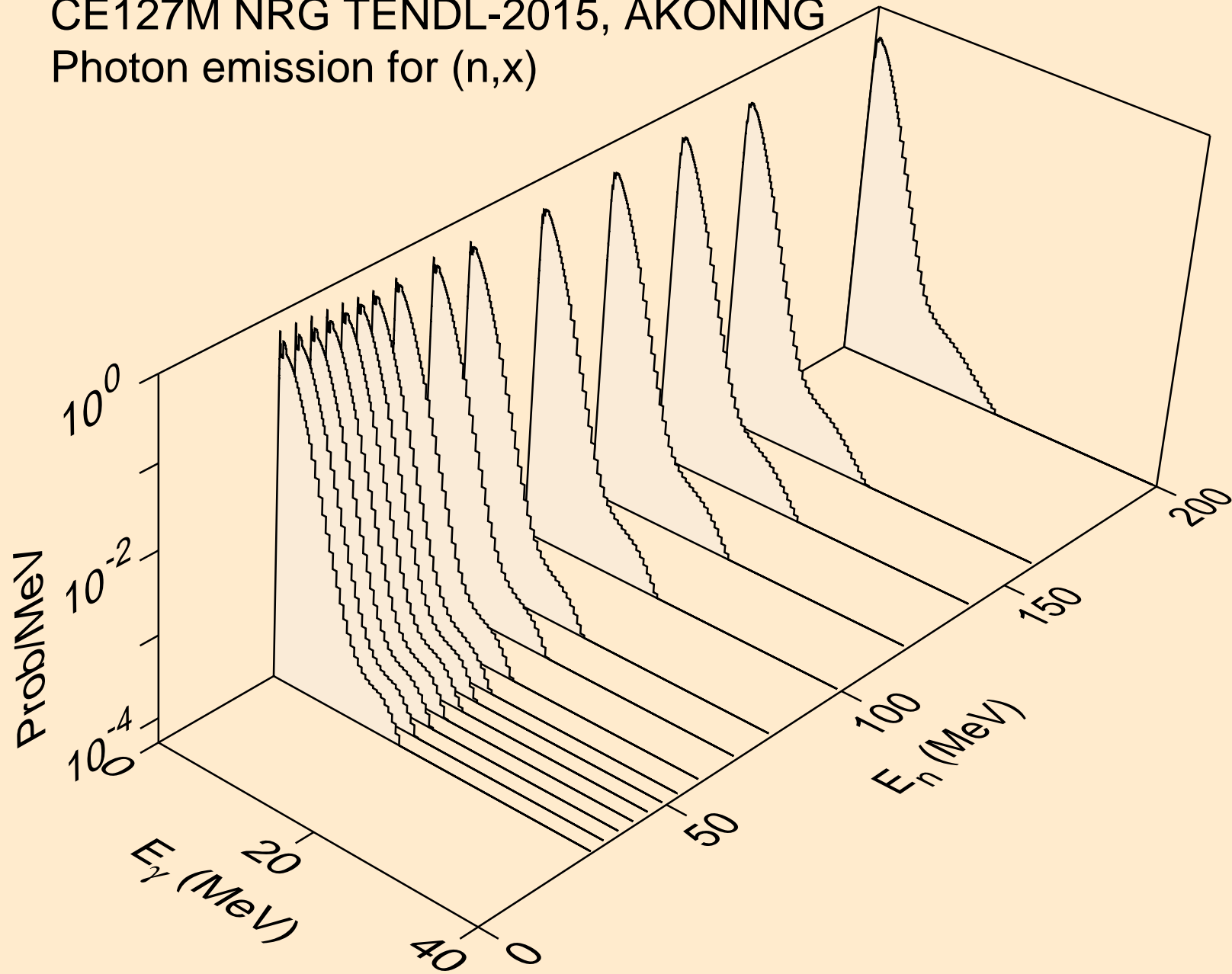


CE127M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

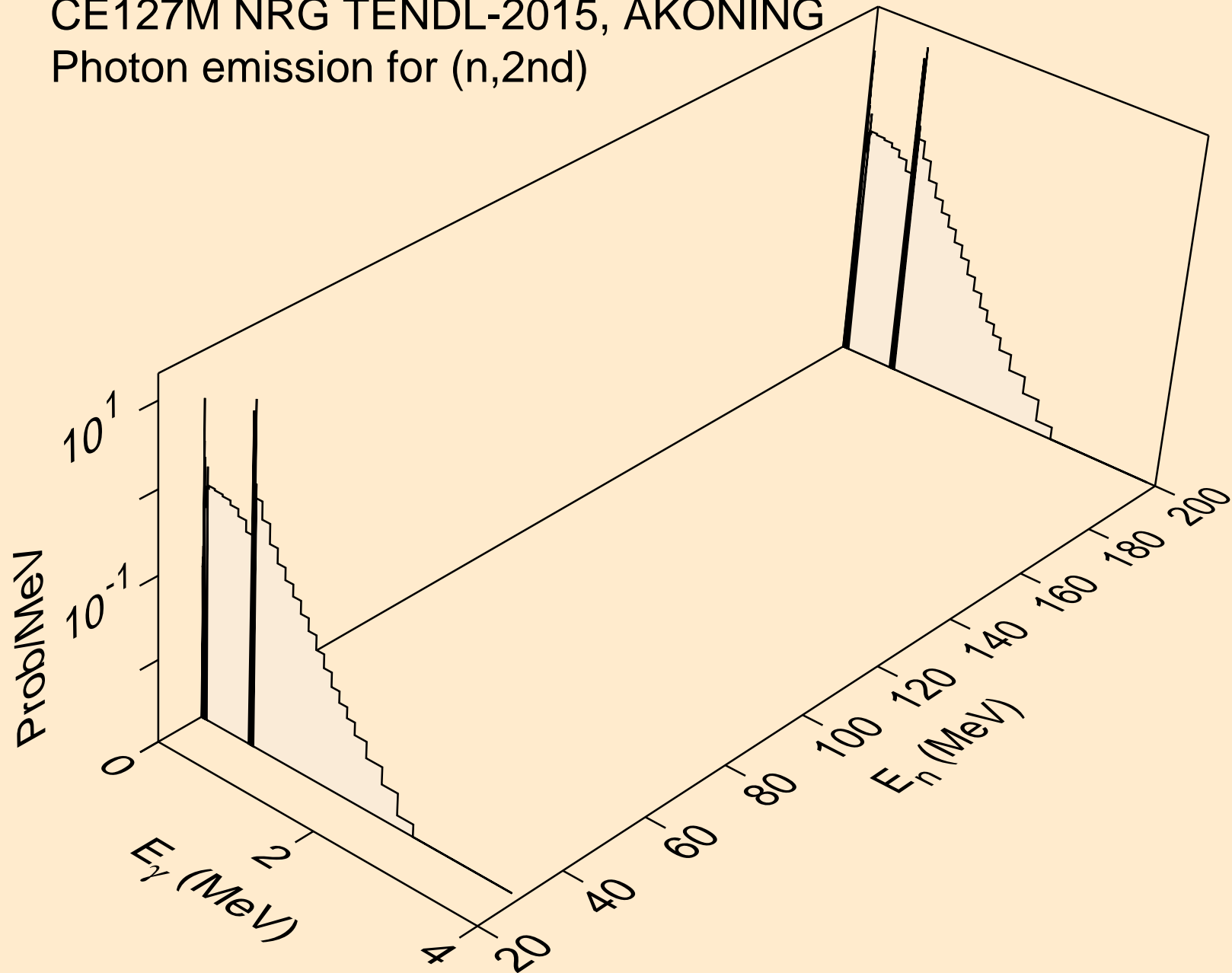




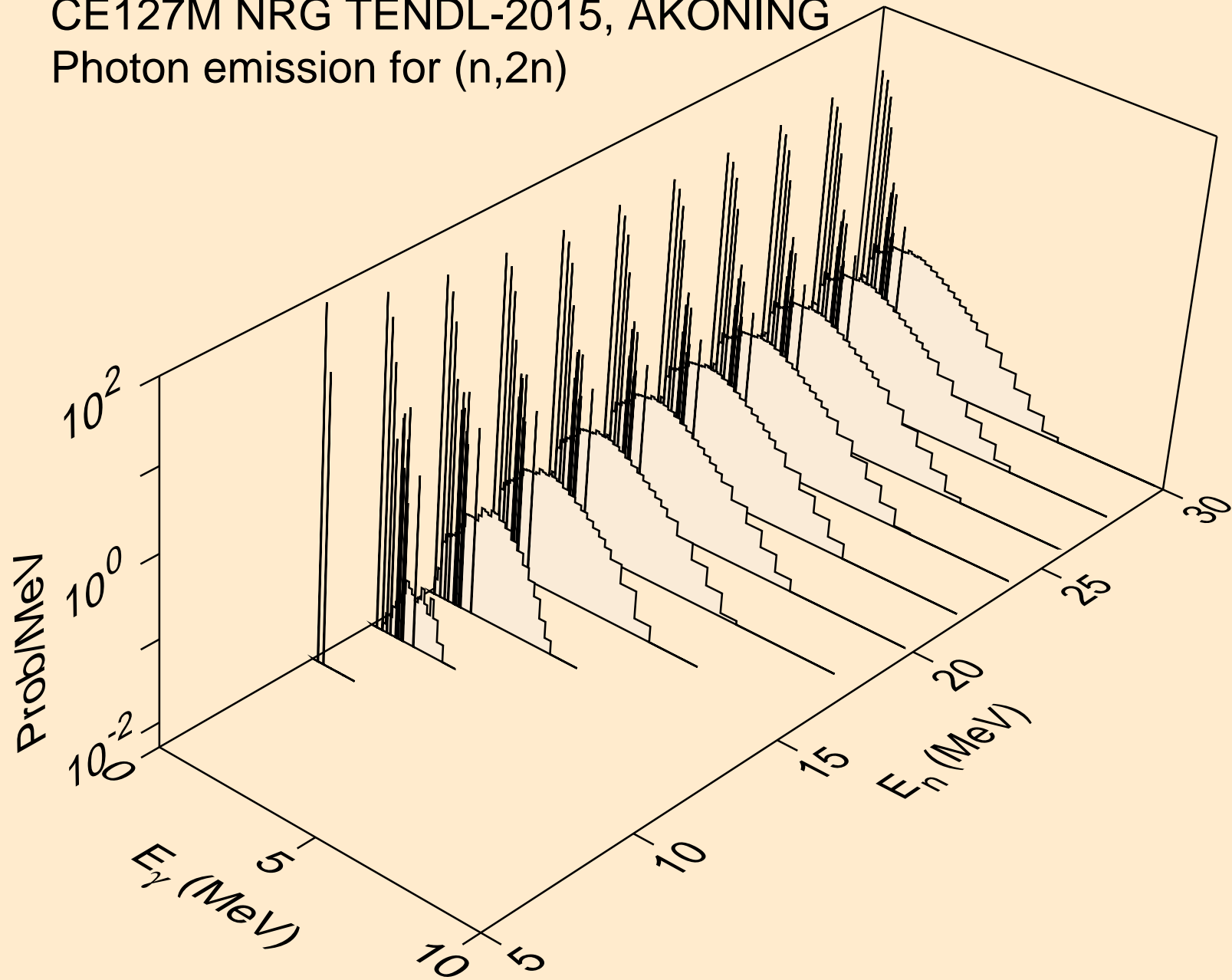
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



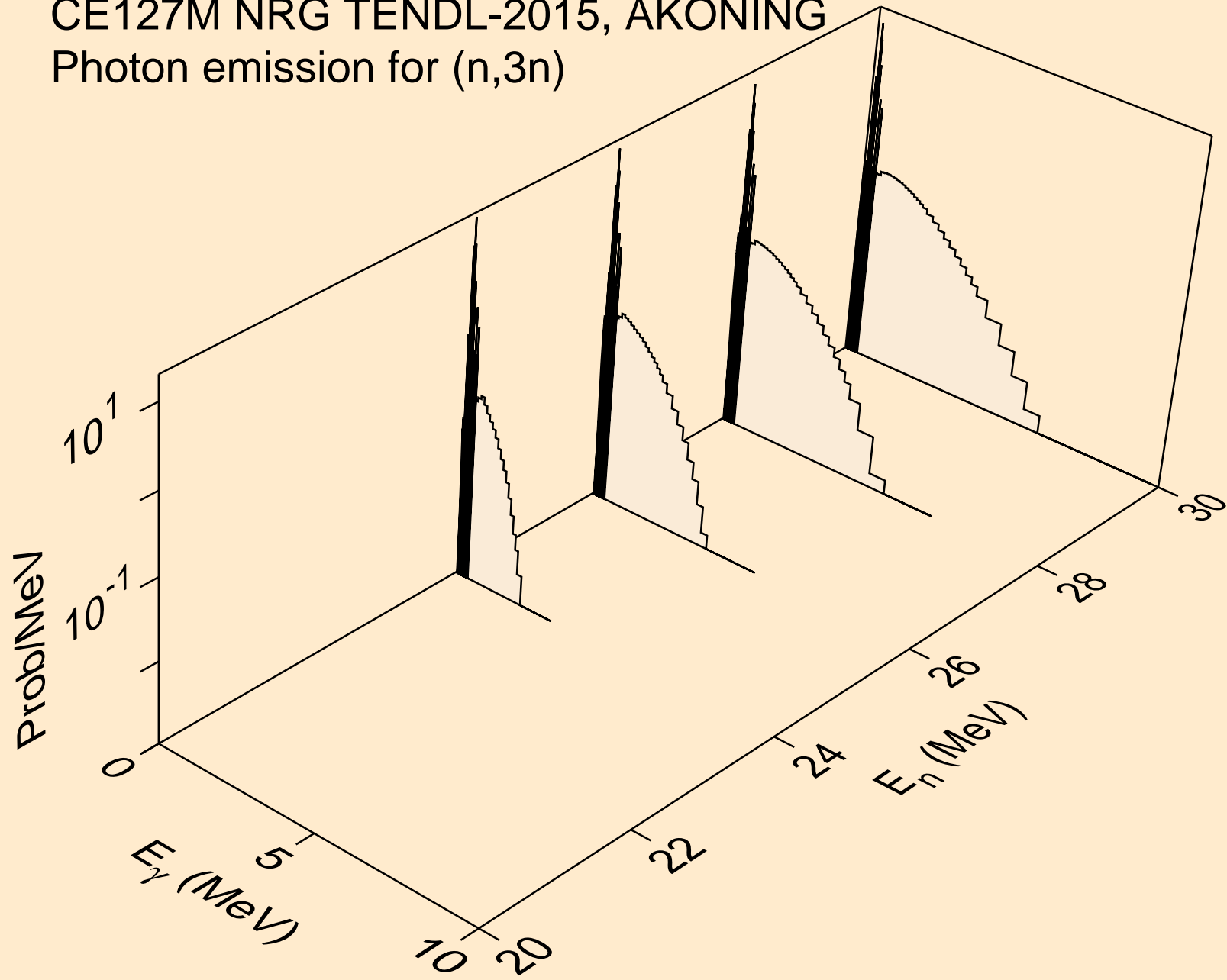
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



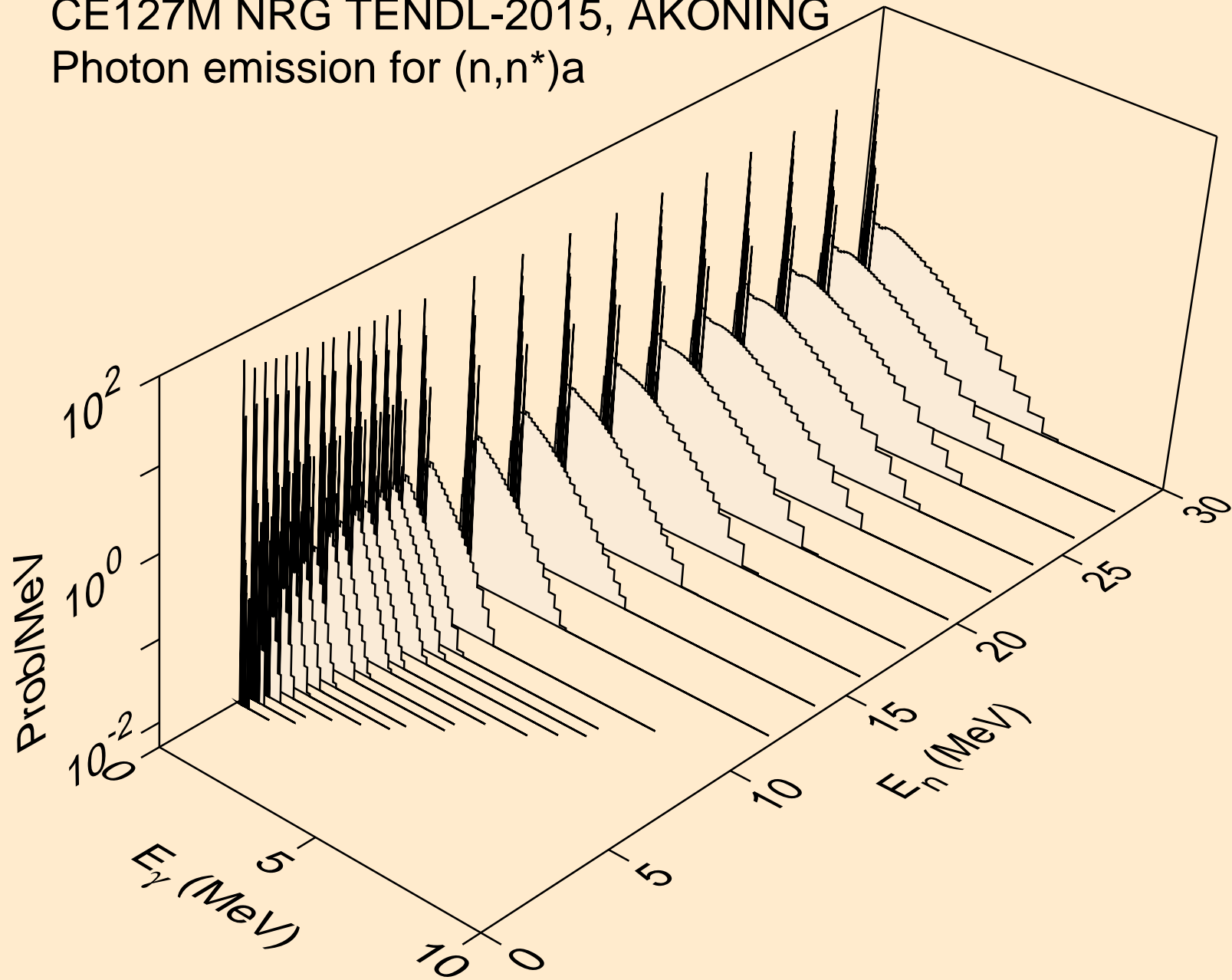
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



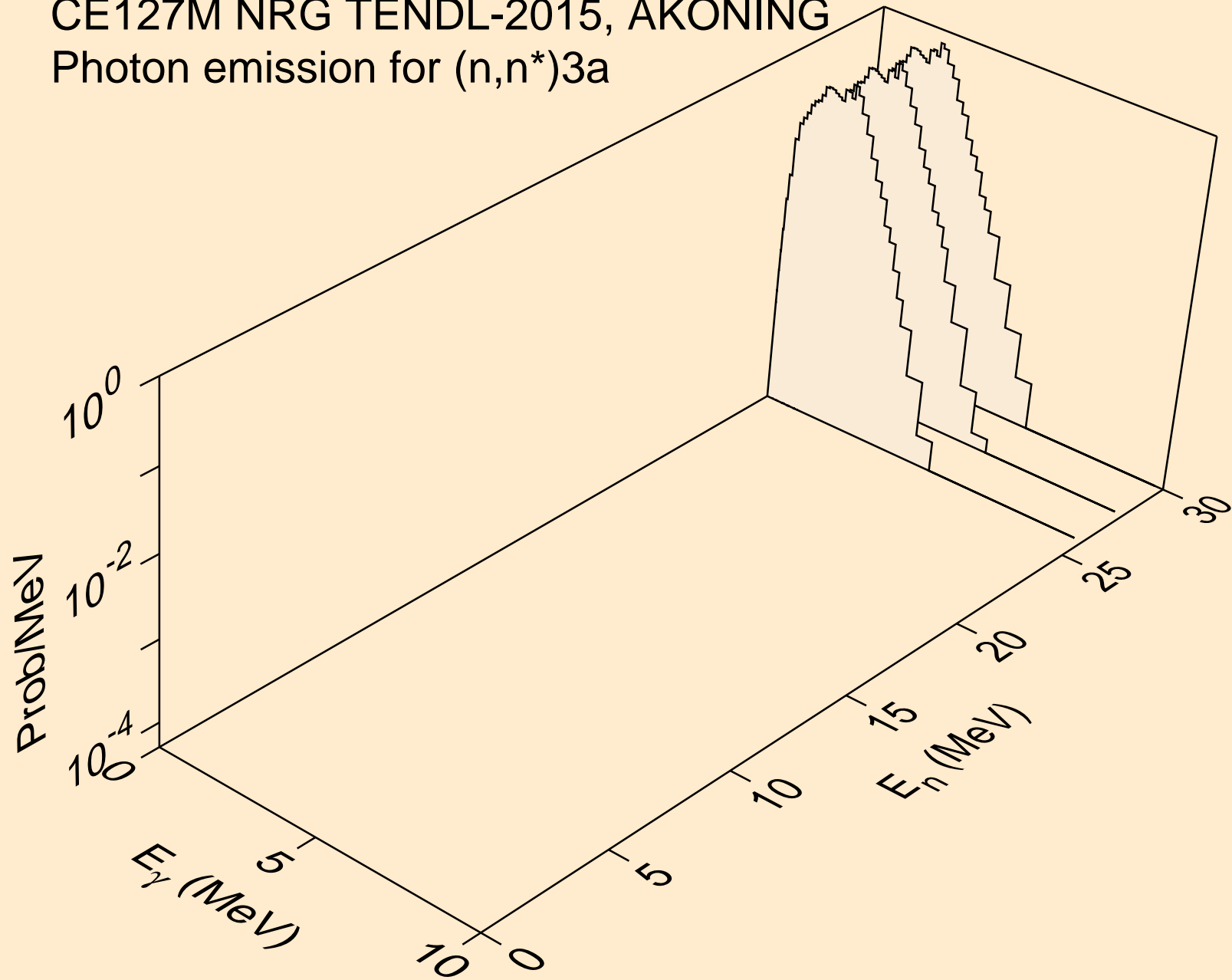
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



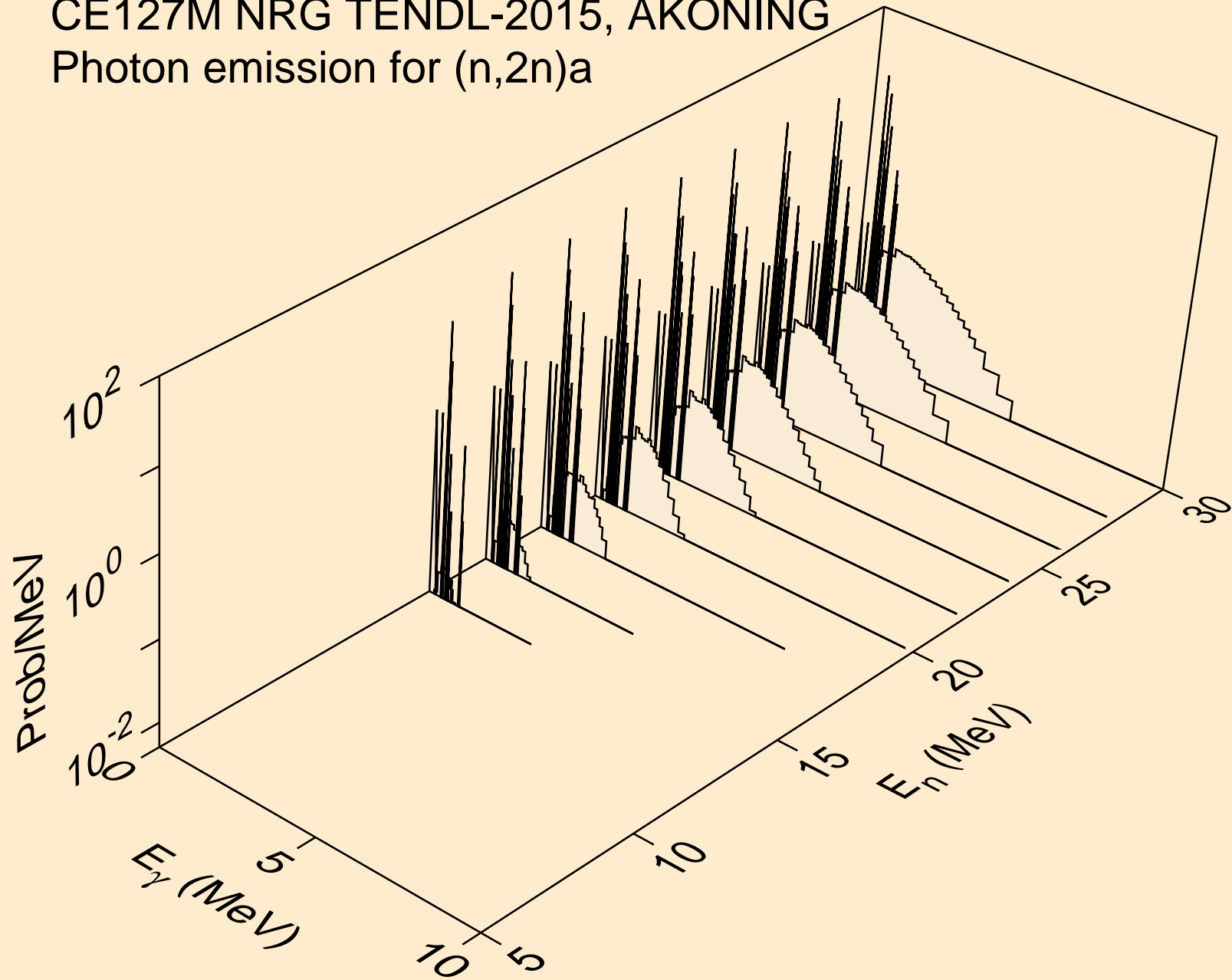
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



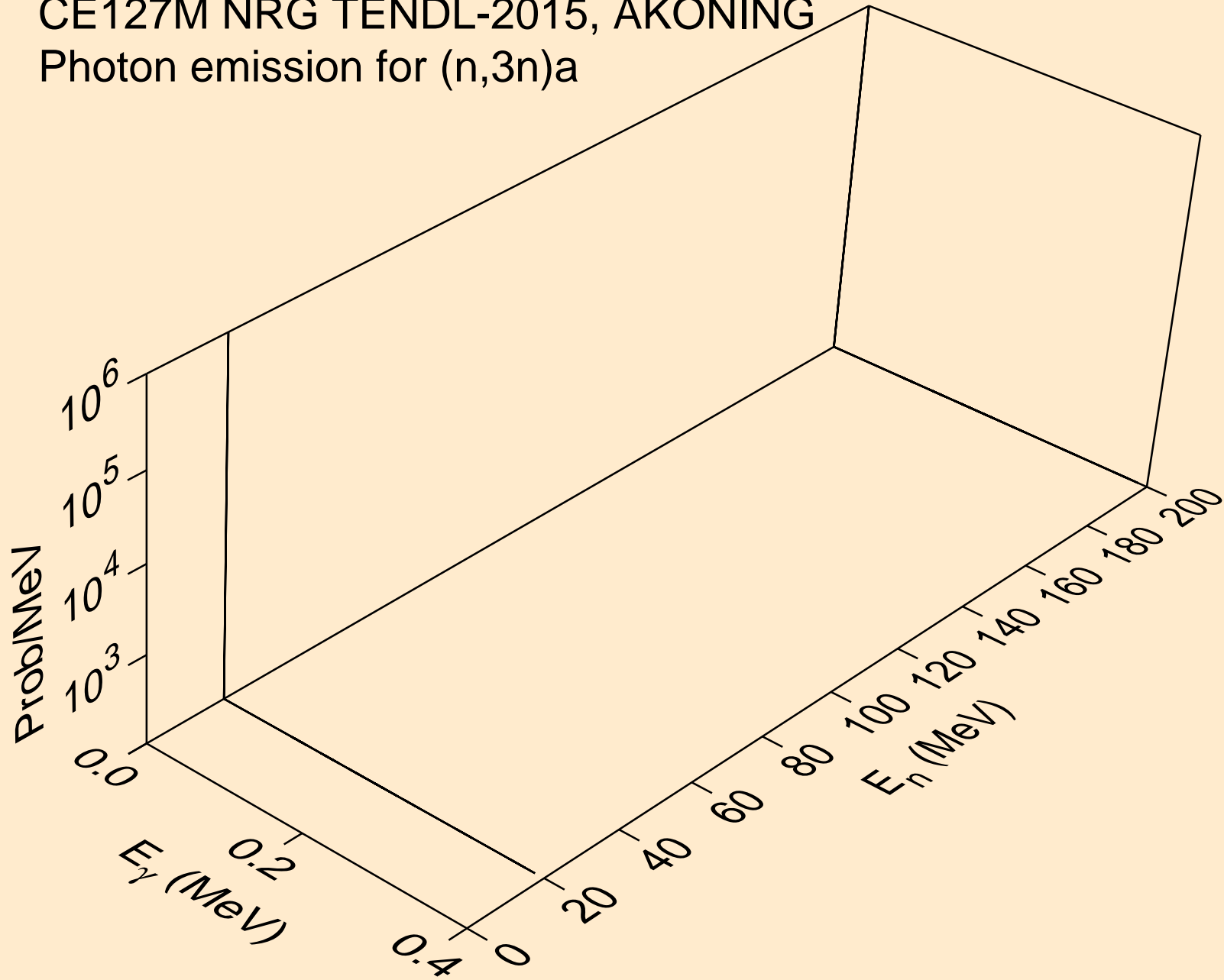
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$

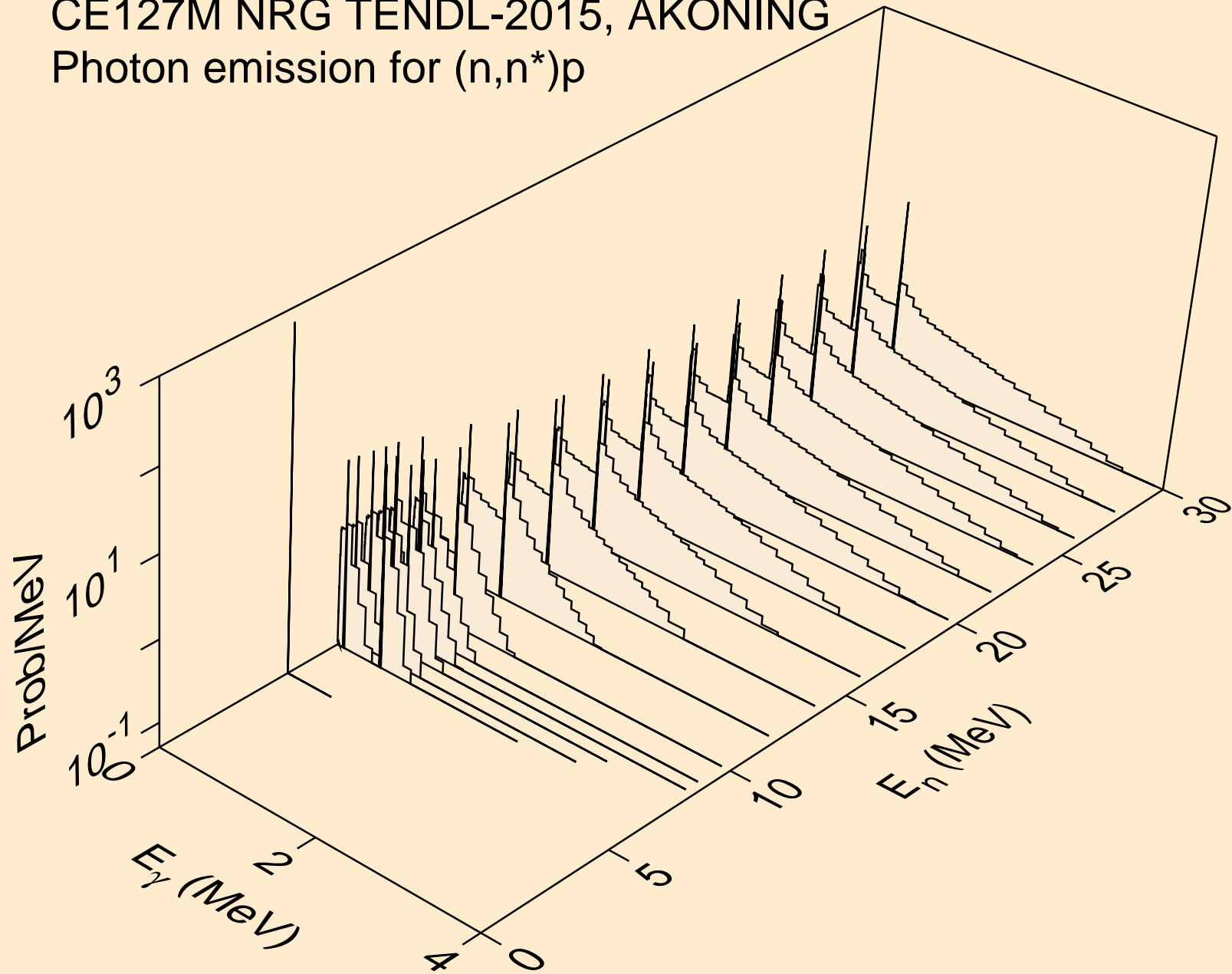


CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

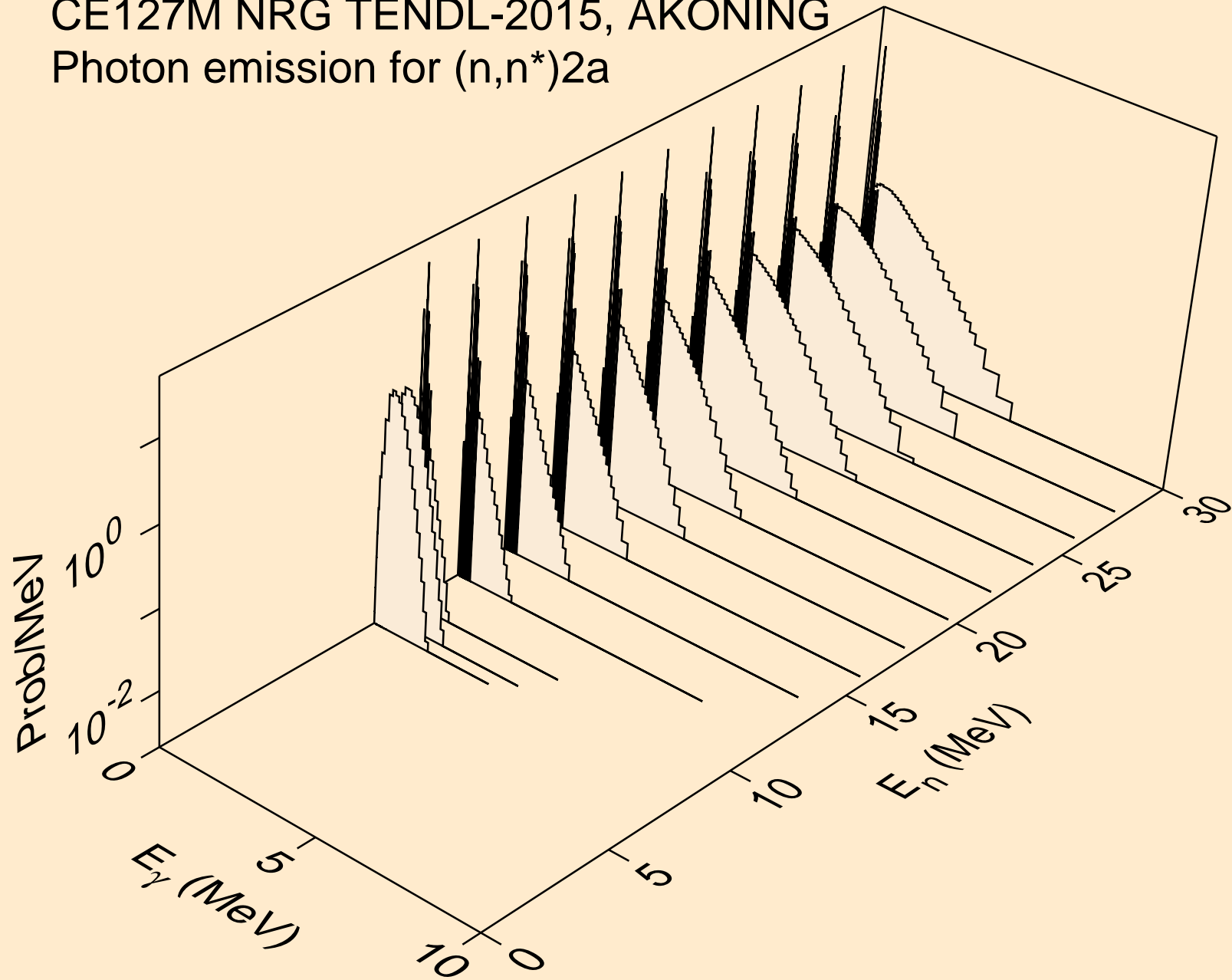




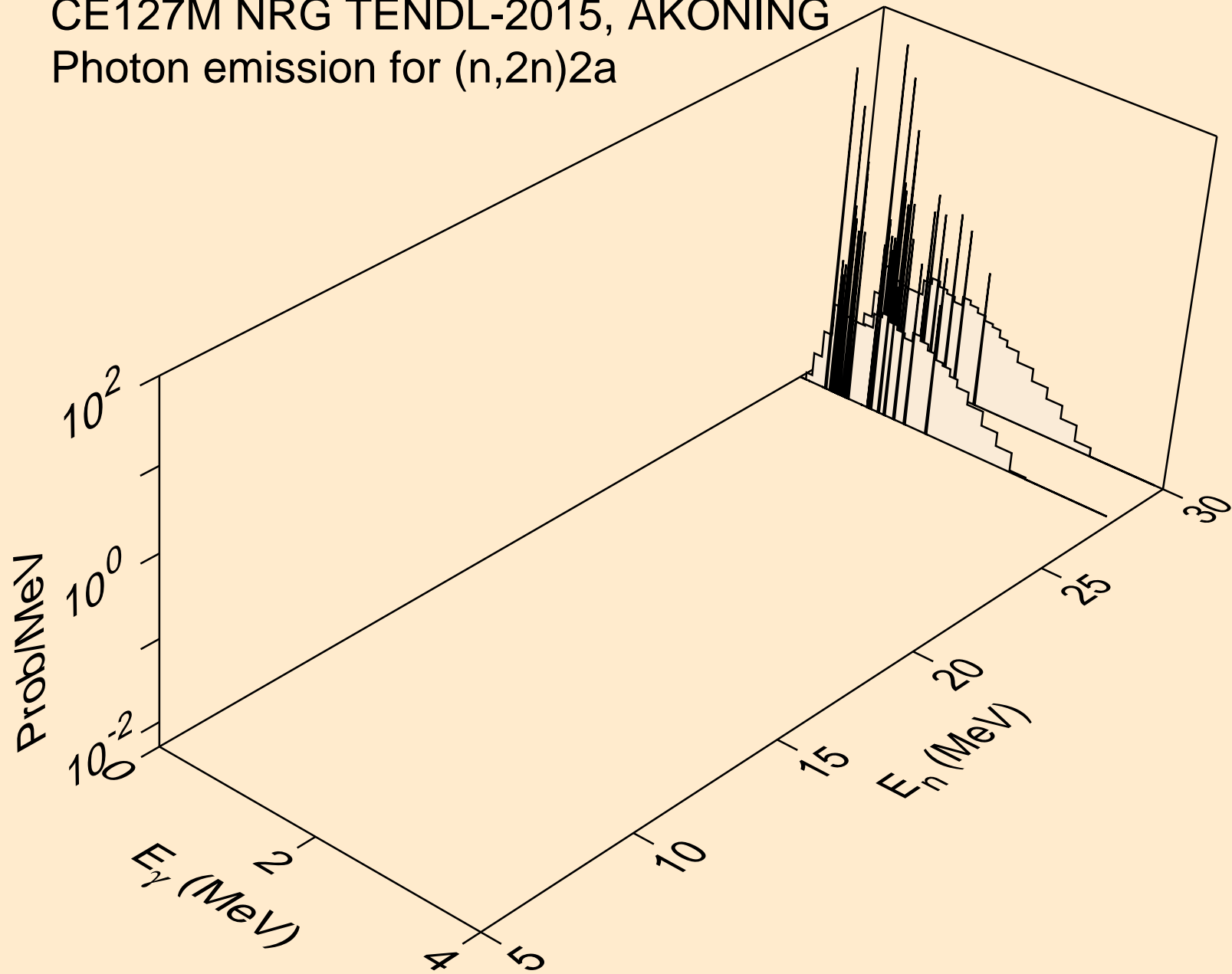
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



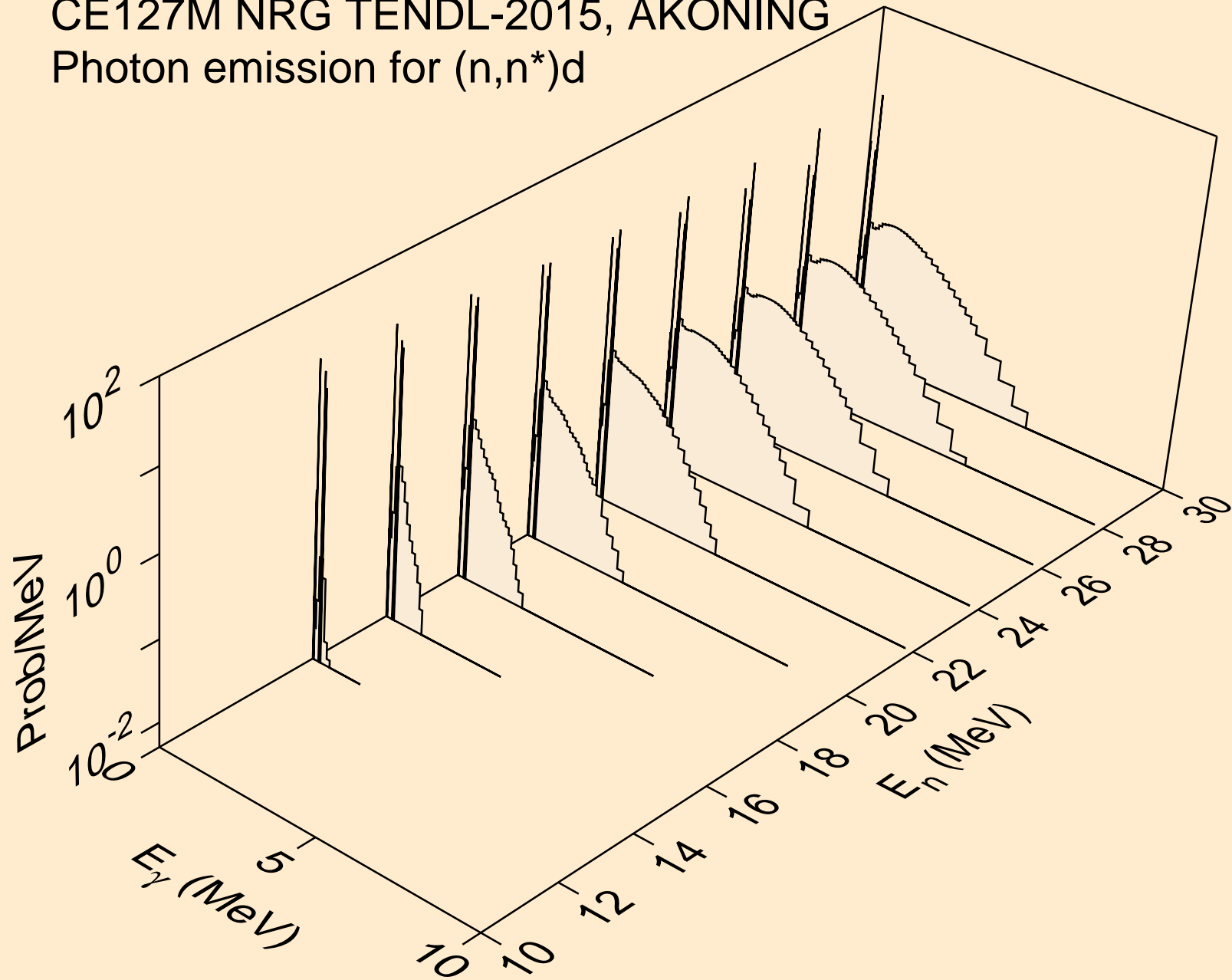
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



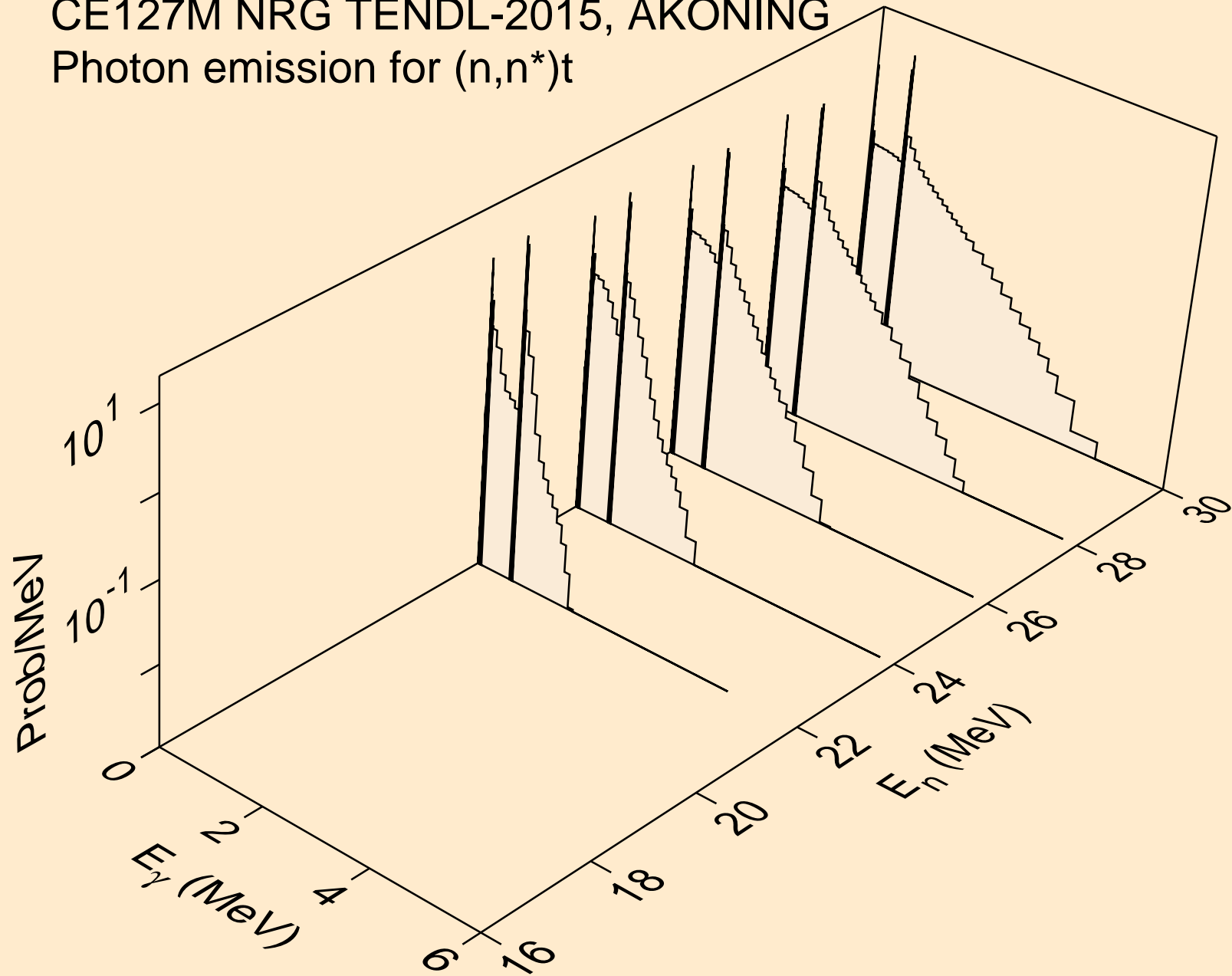
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



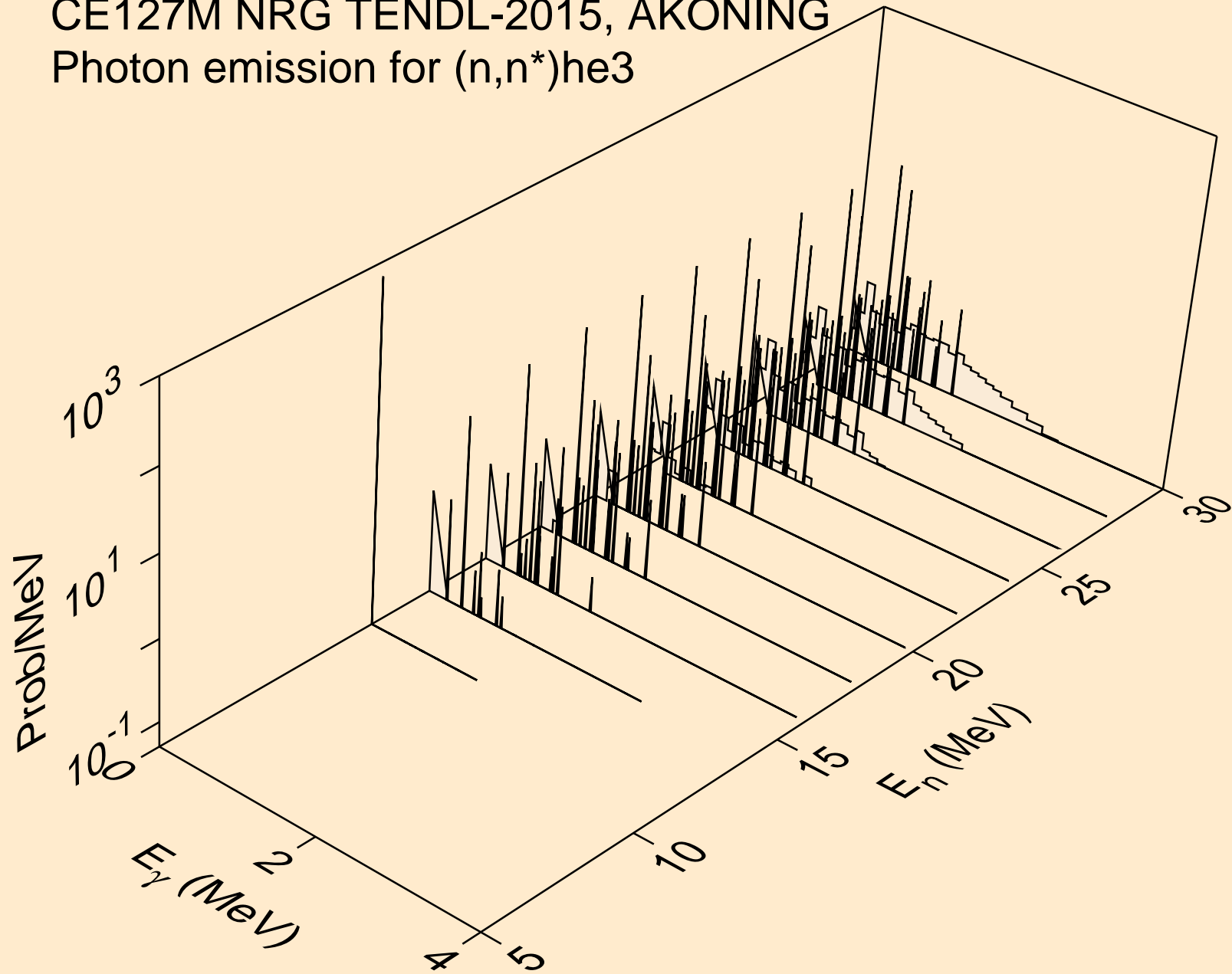
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



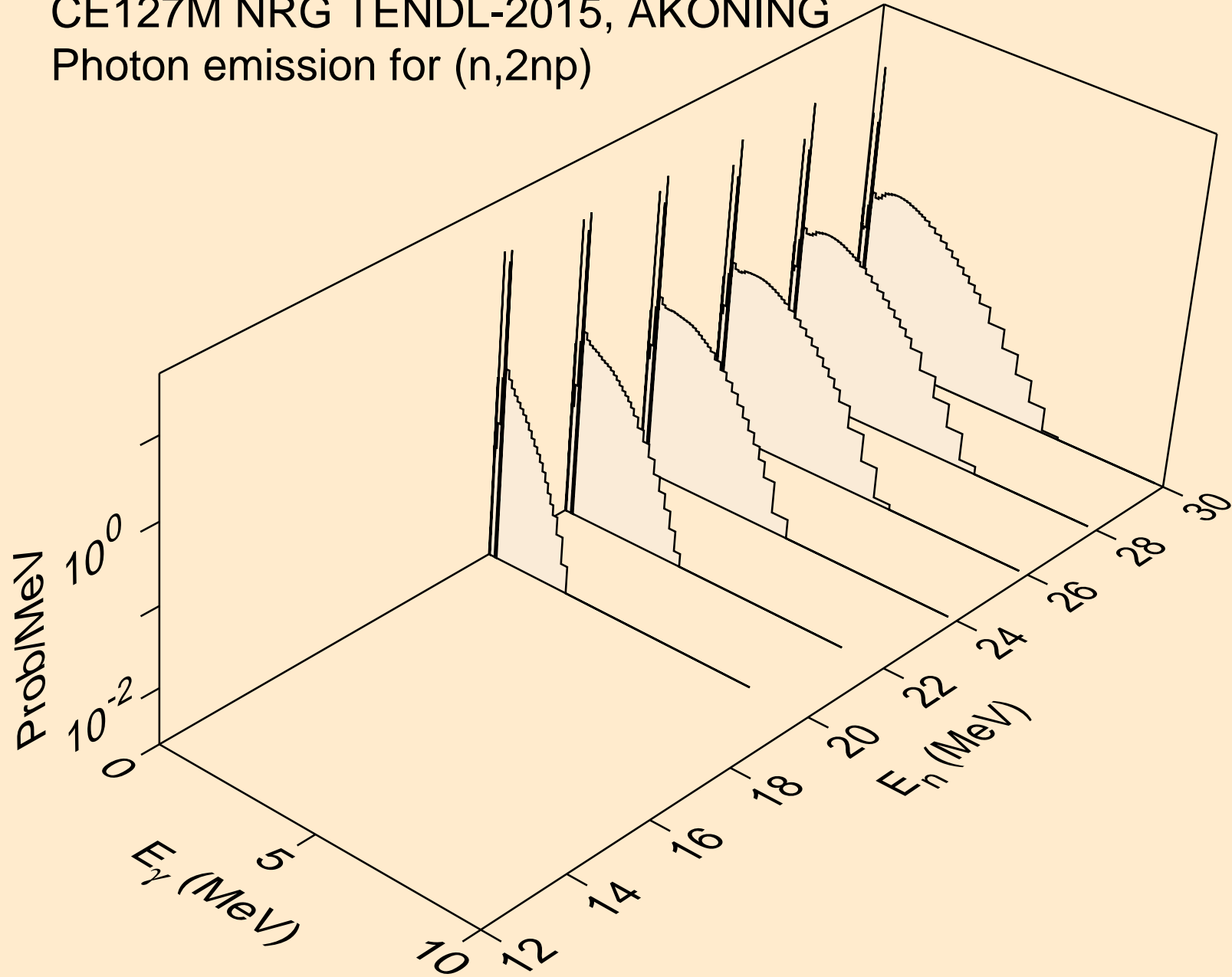
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Photon emission for (n,n\*)t



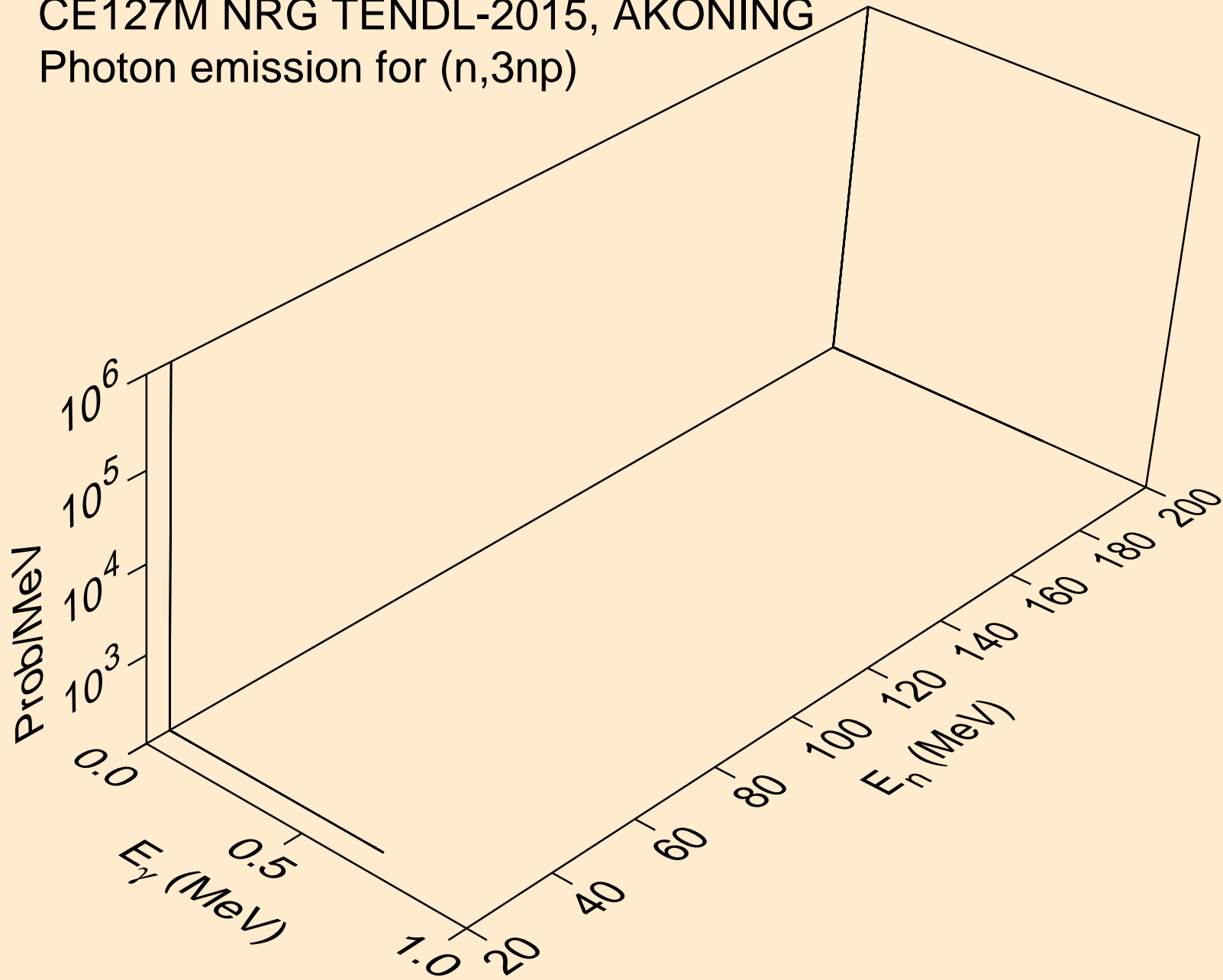
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

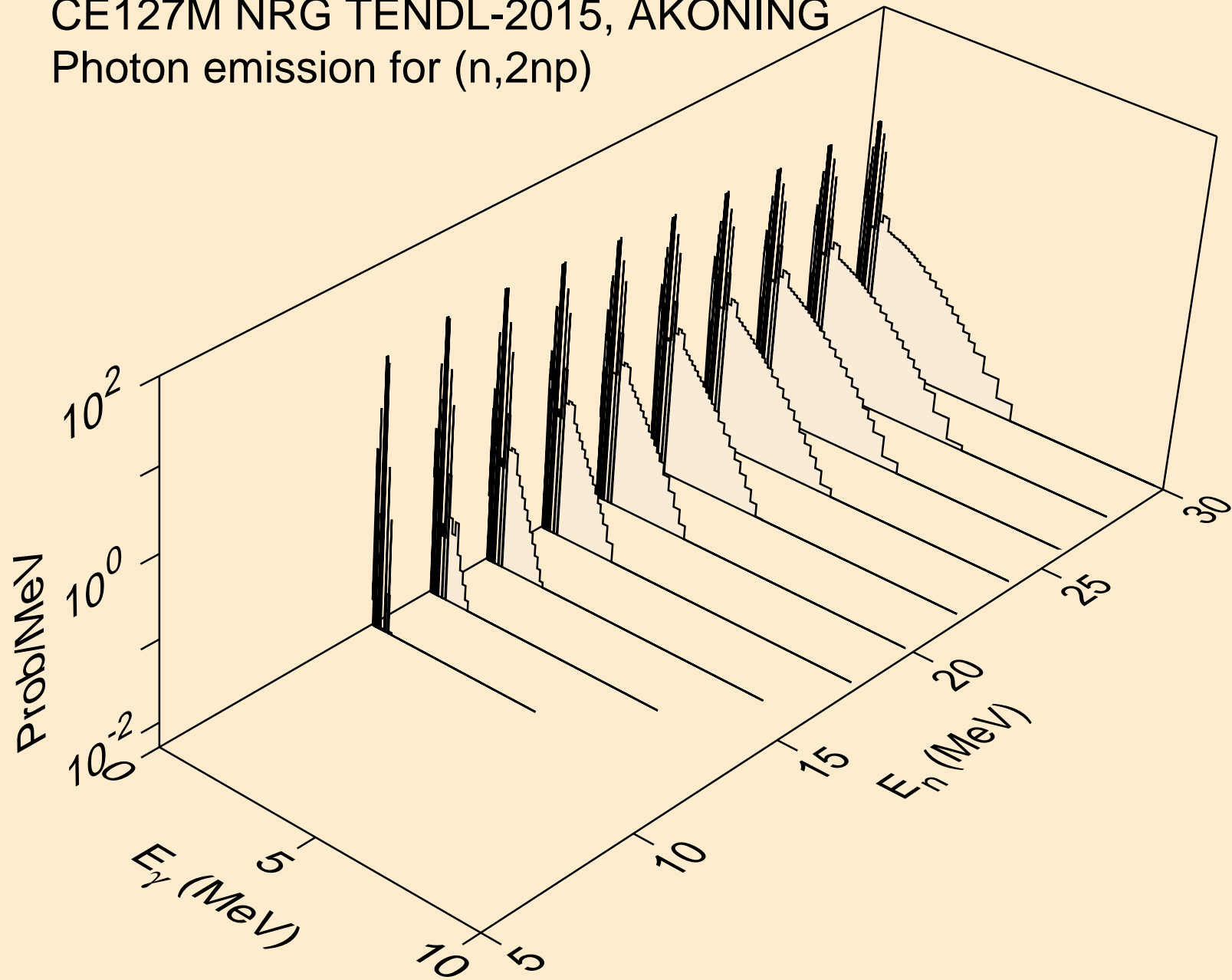


CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

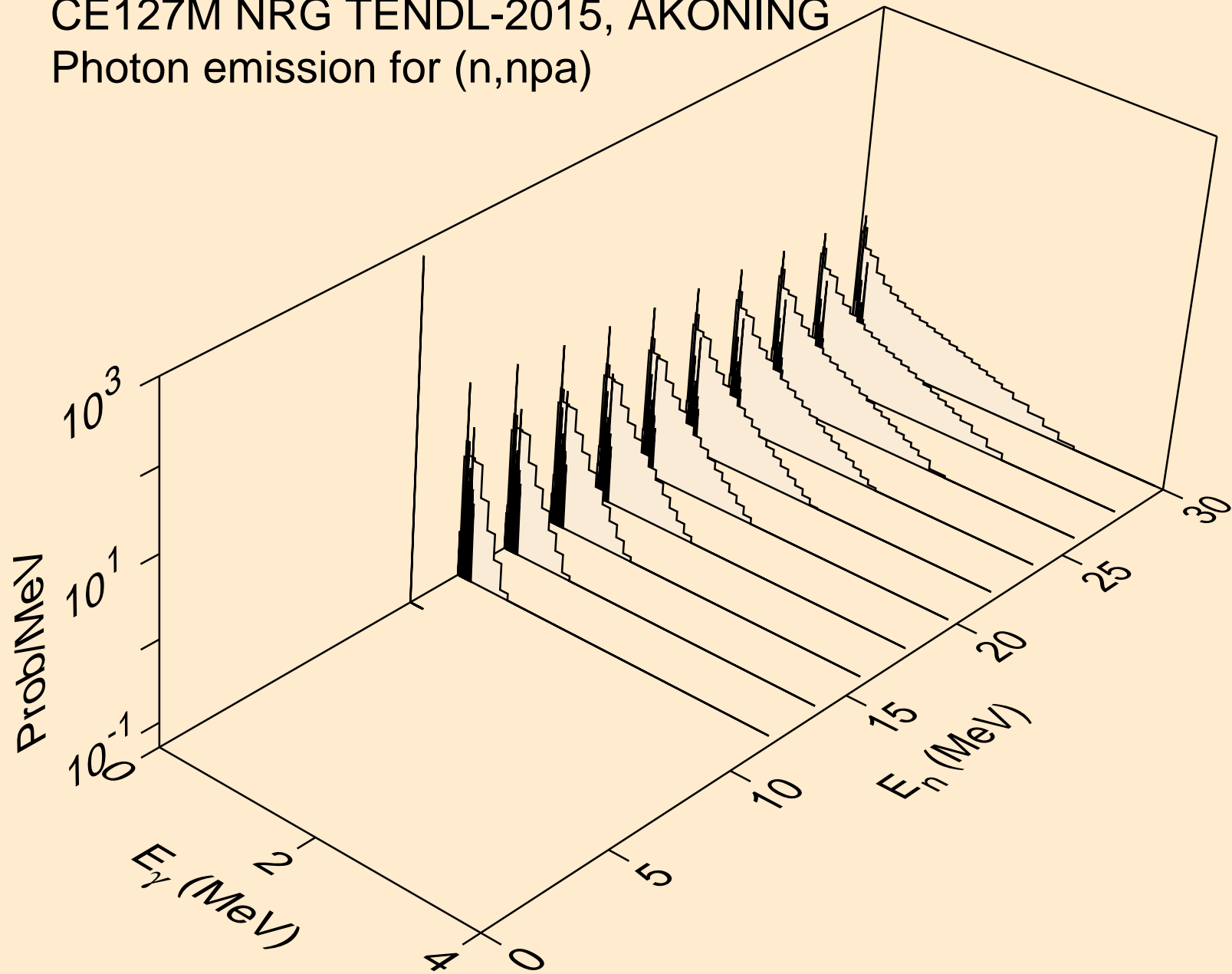




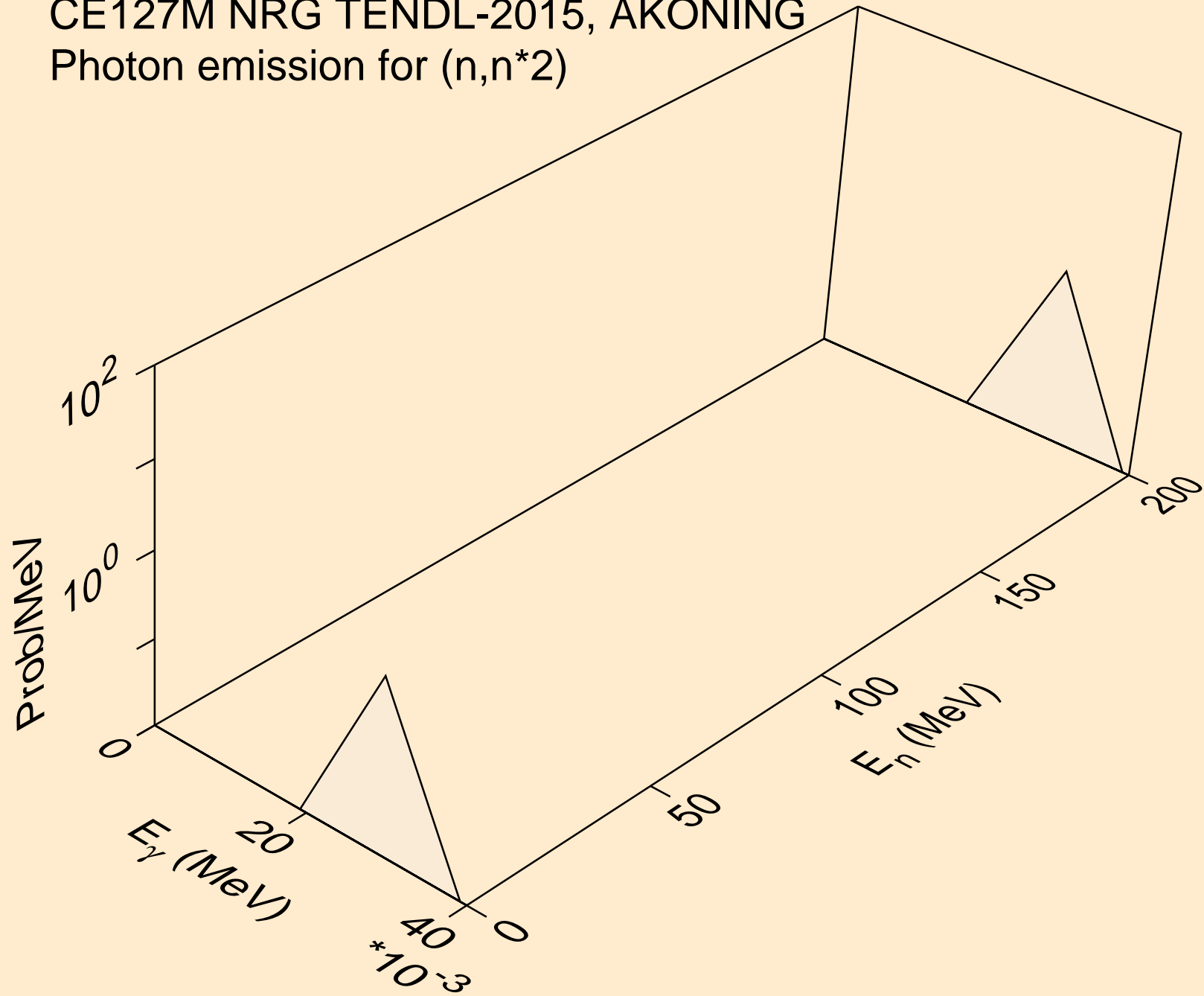
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Photon emission for (n,2np)



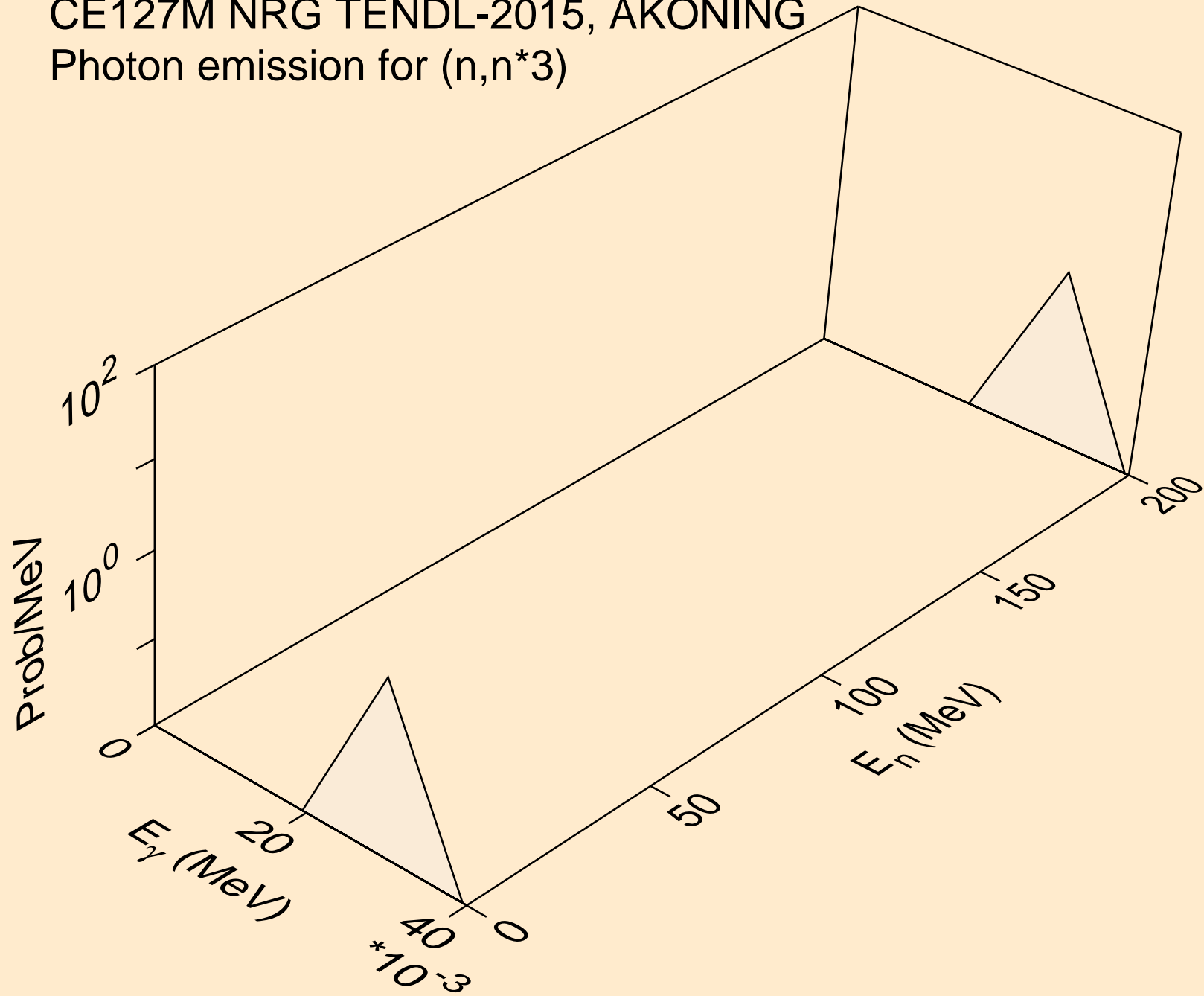
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Photon emission for (n,npa)



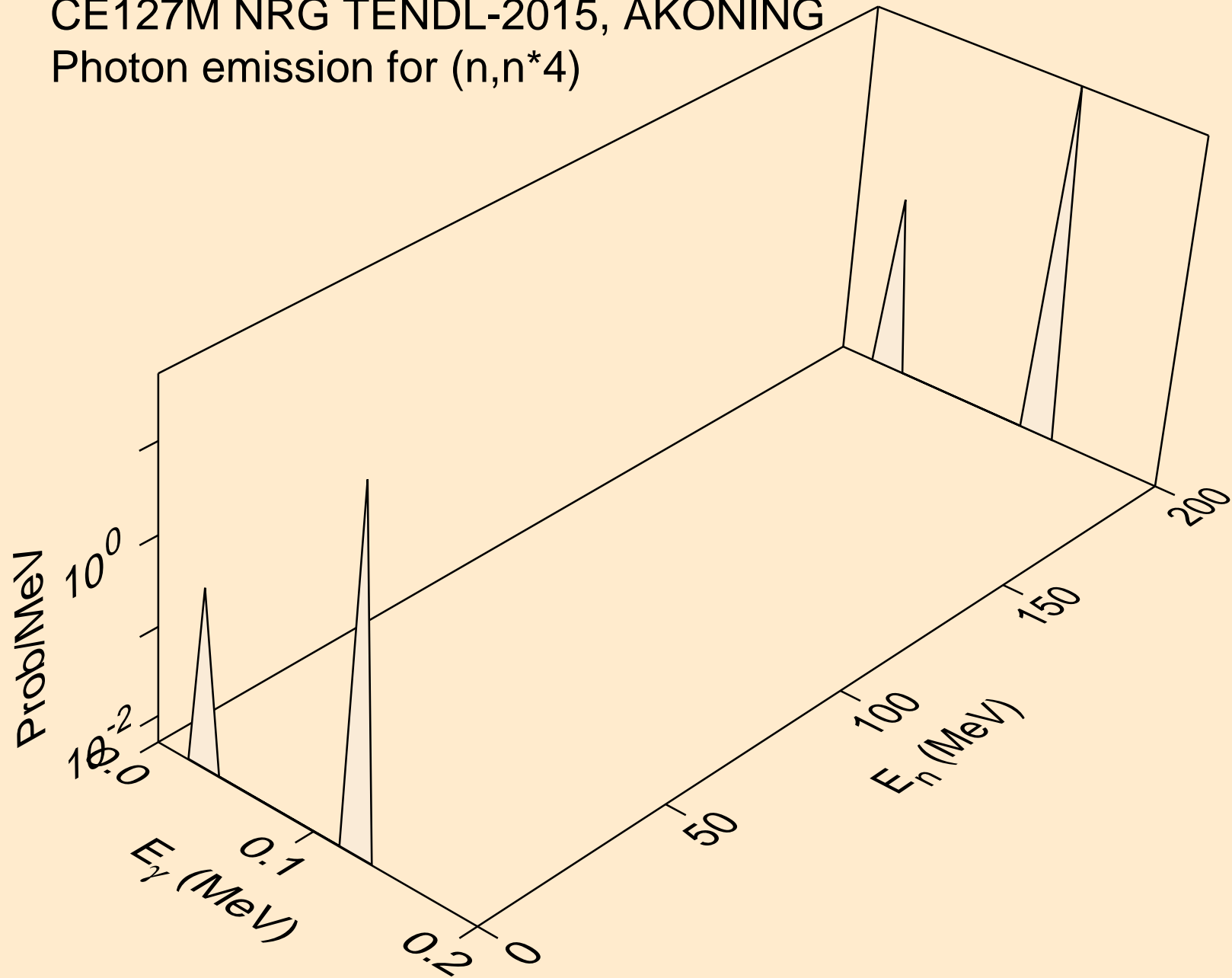
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Photon emission for (n,n\*2)



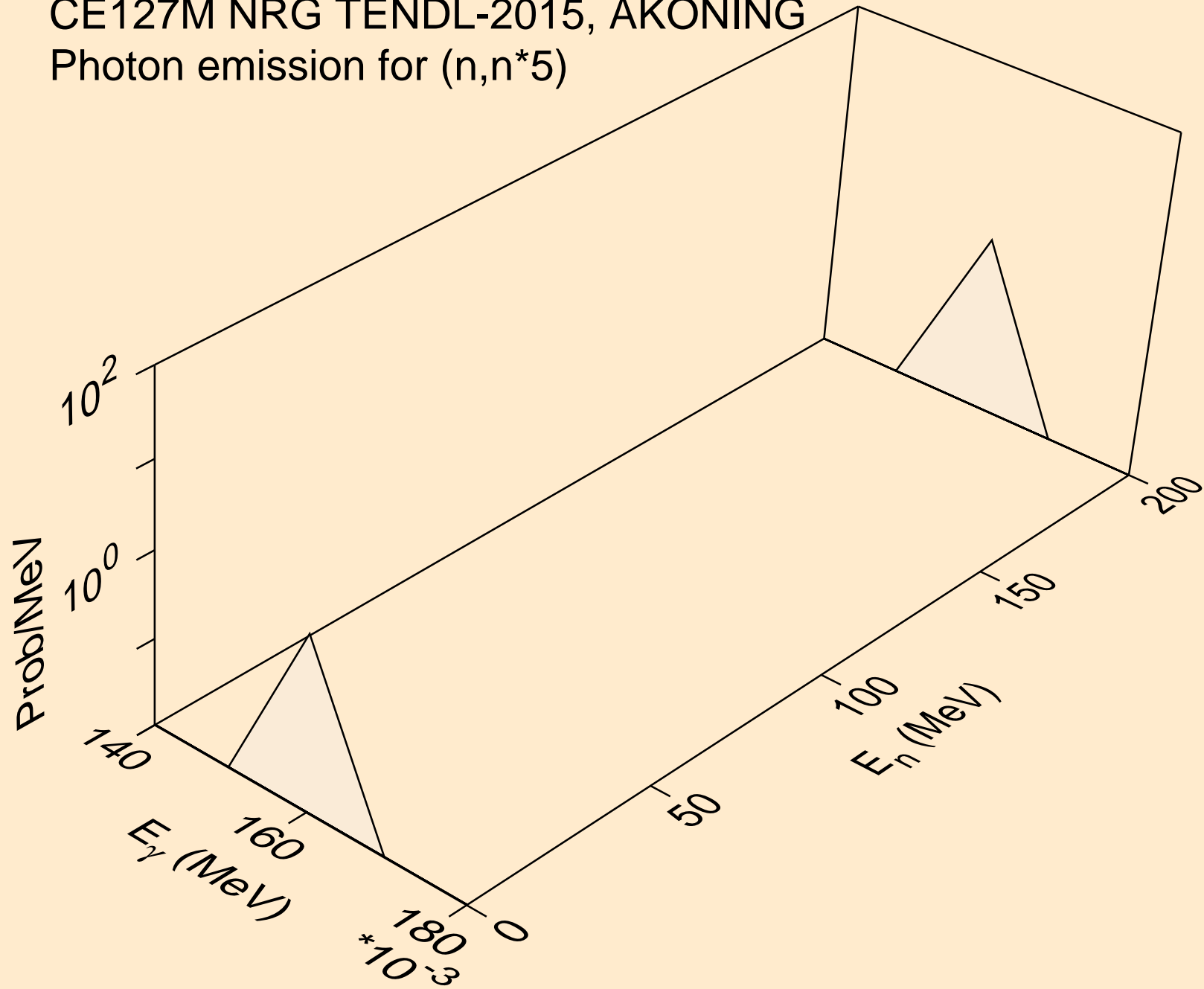
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Photon emission for (n,n\*3)



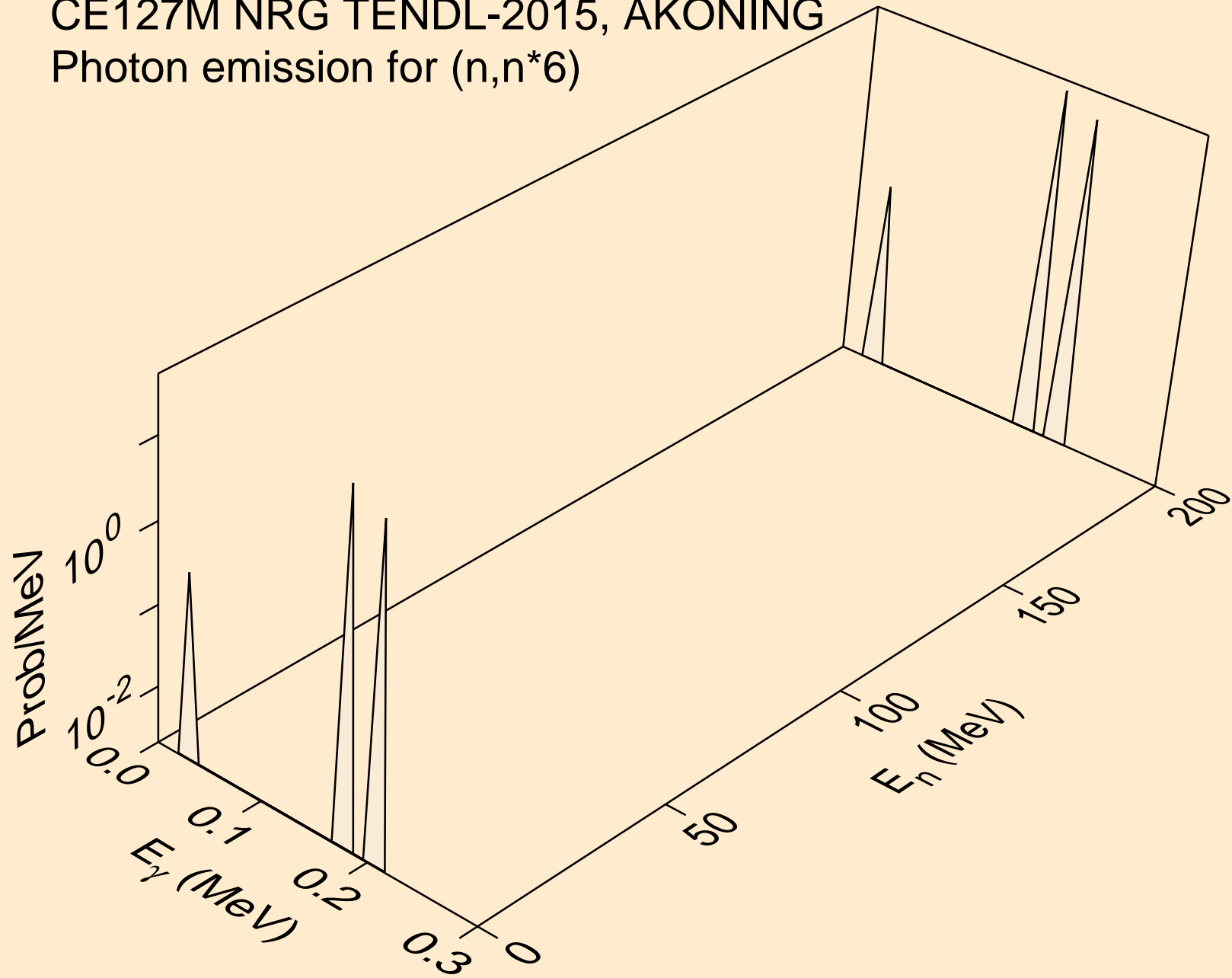
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Photon emission for (n,n\*4)



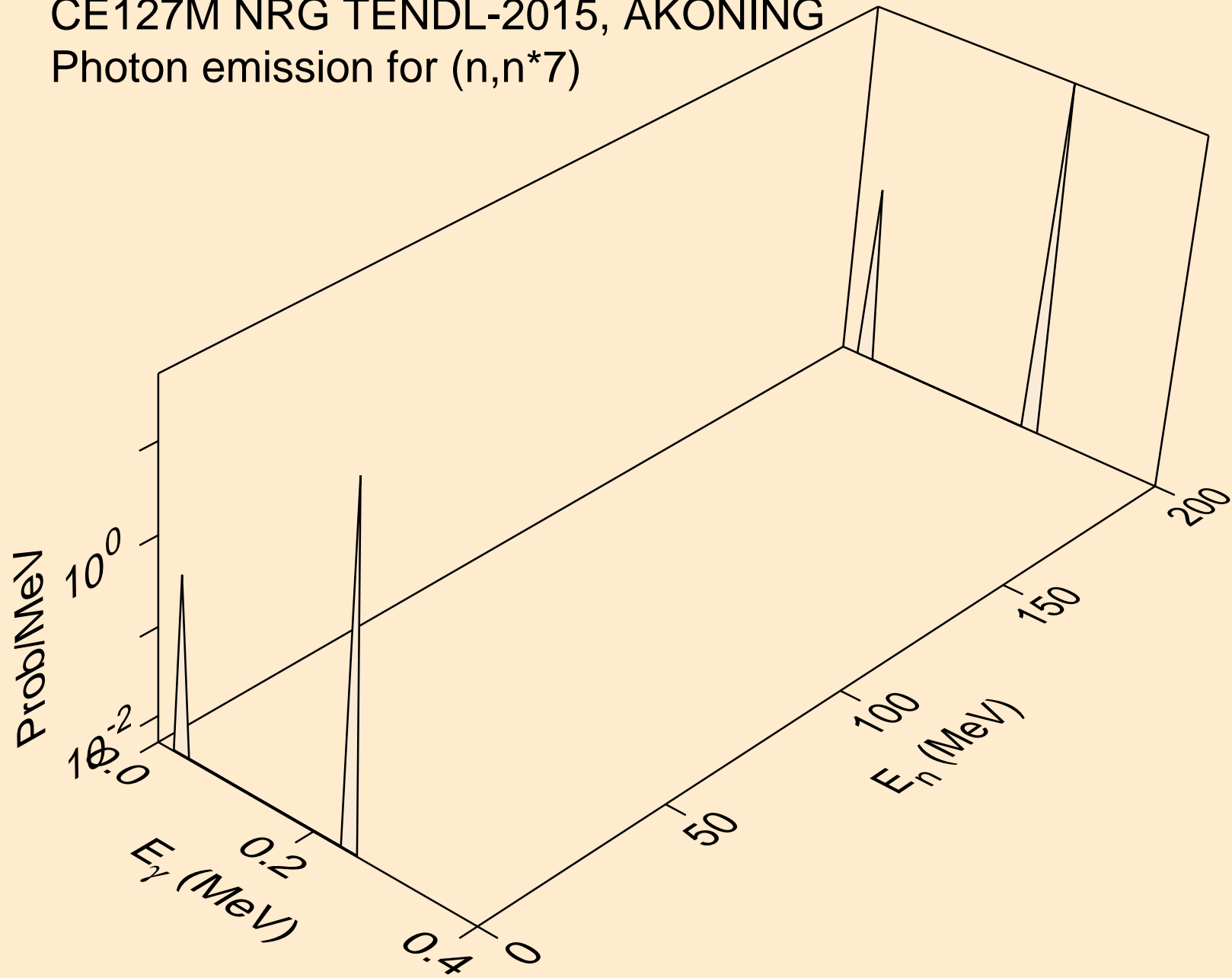
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)

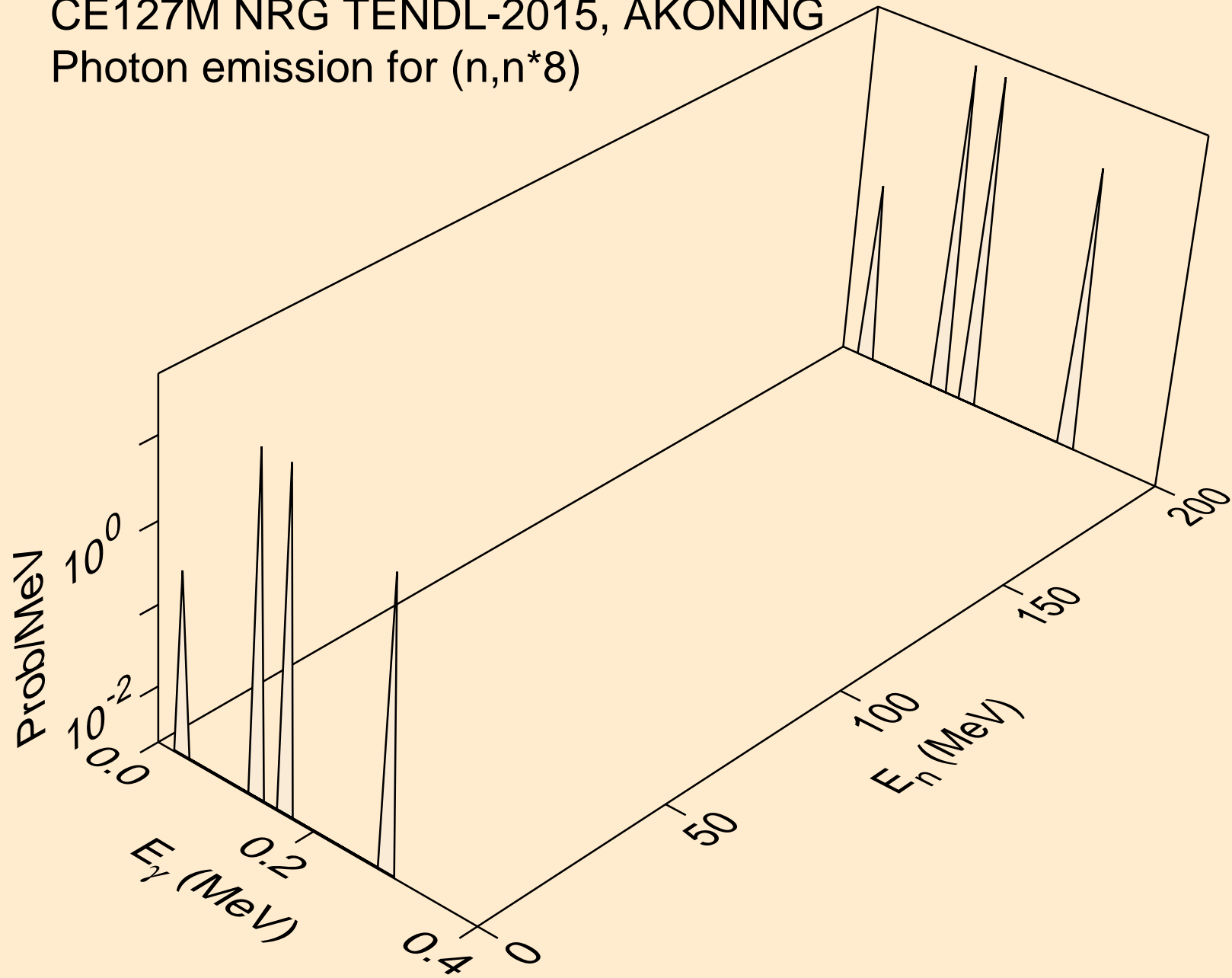


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Photon emission for (n,n\*7)

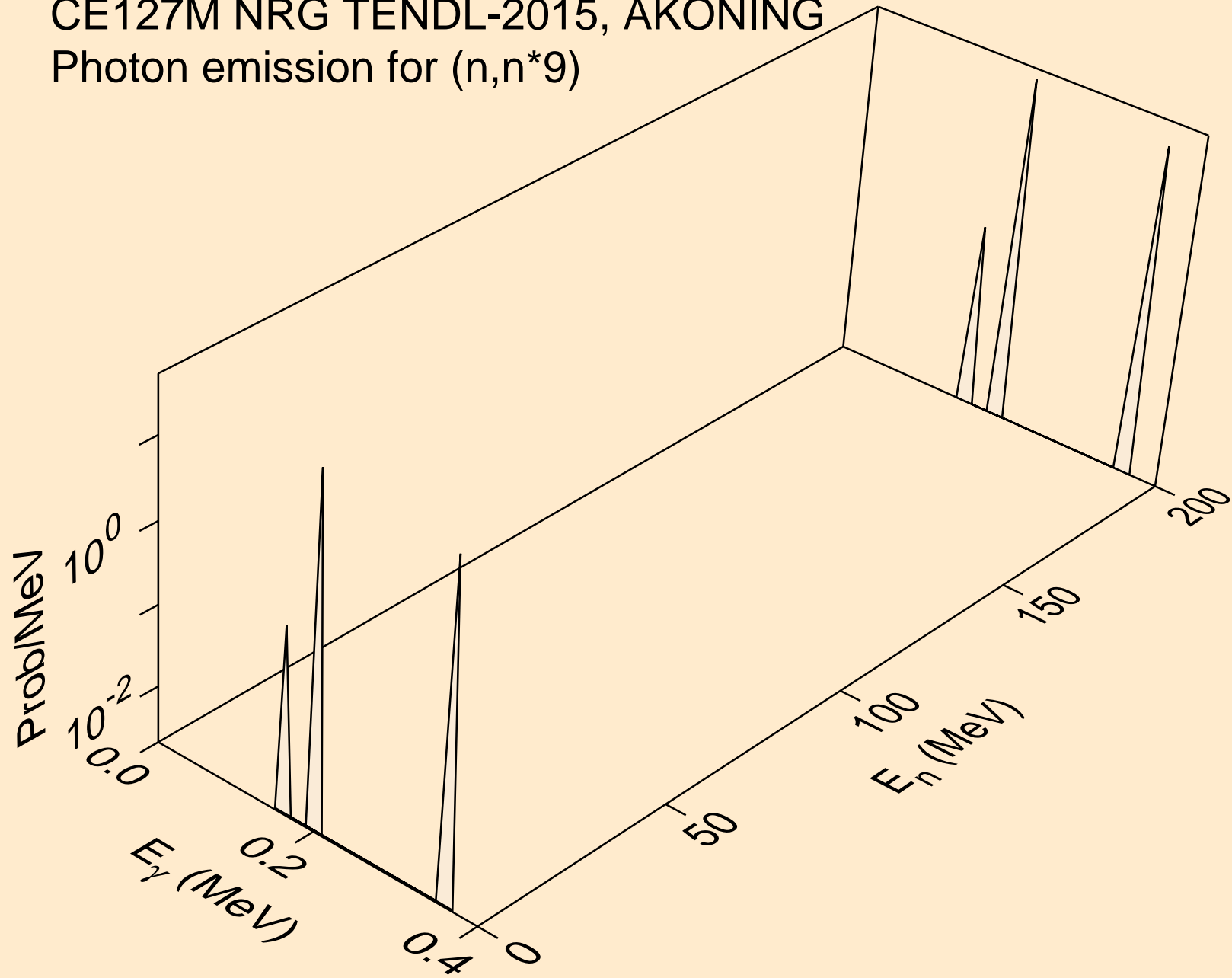




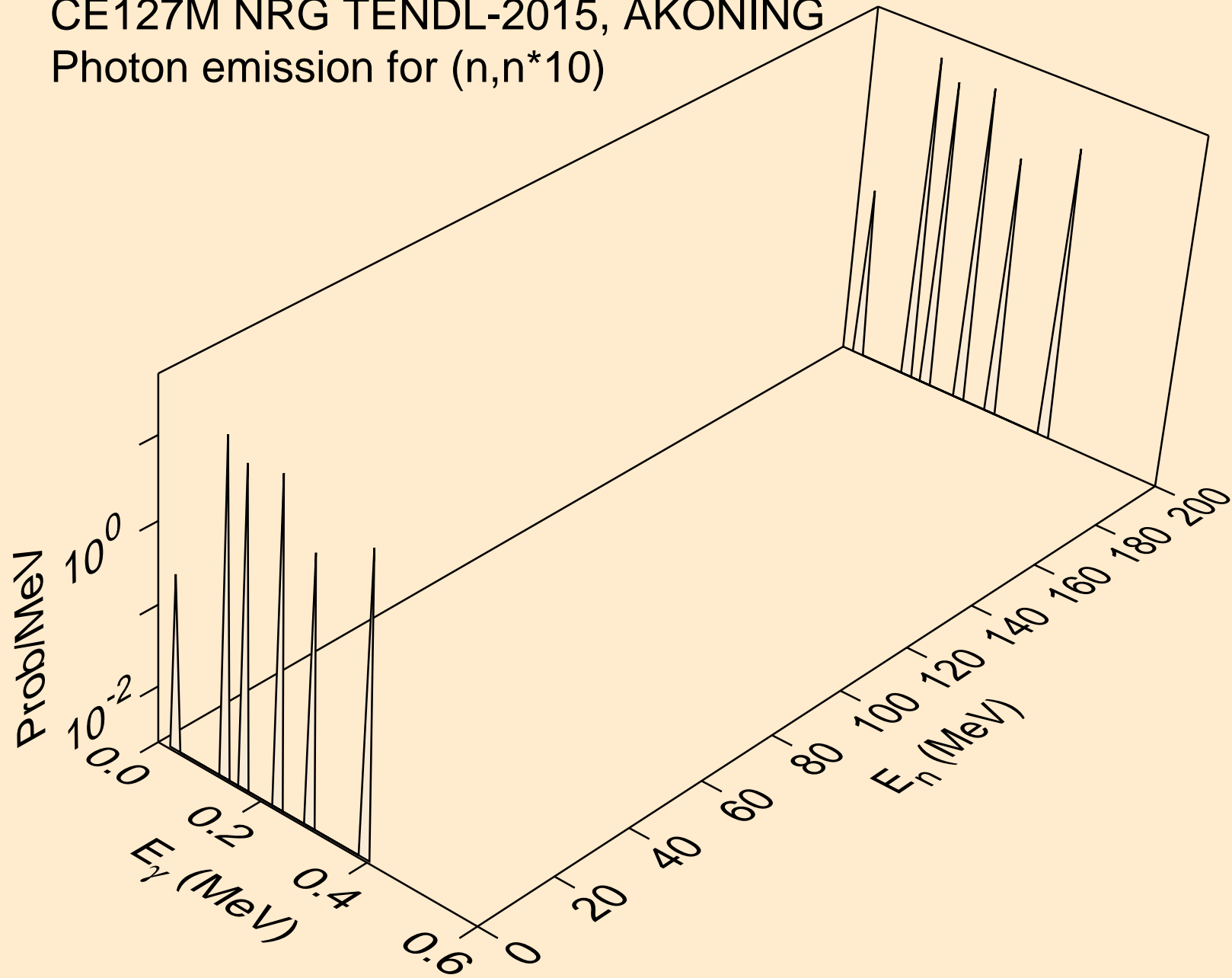
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Photon emission for (n,n\*8)



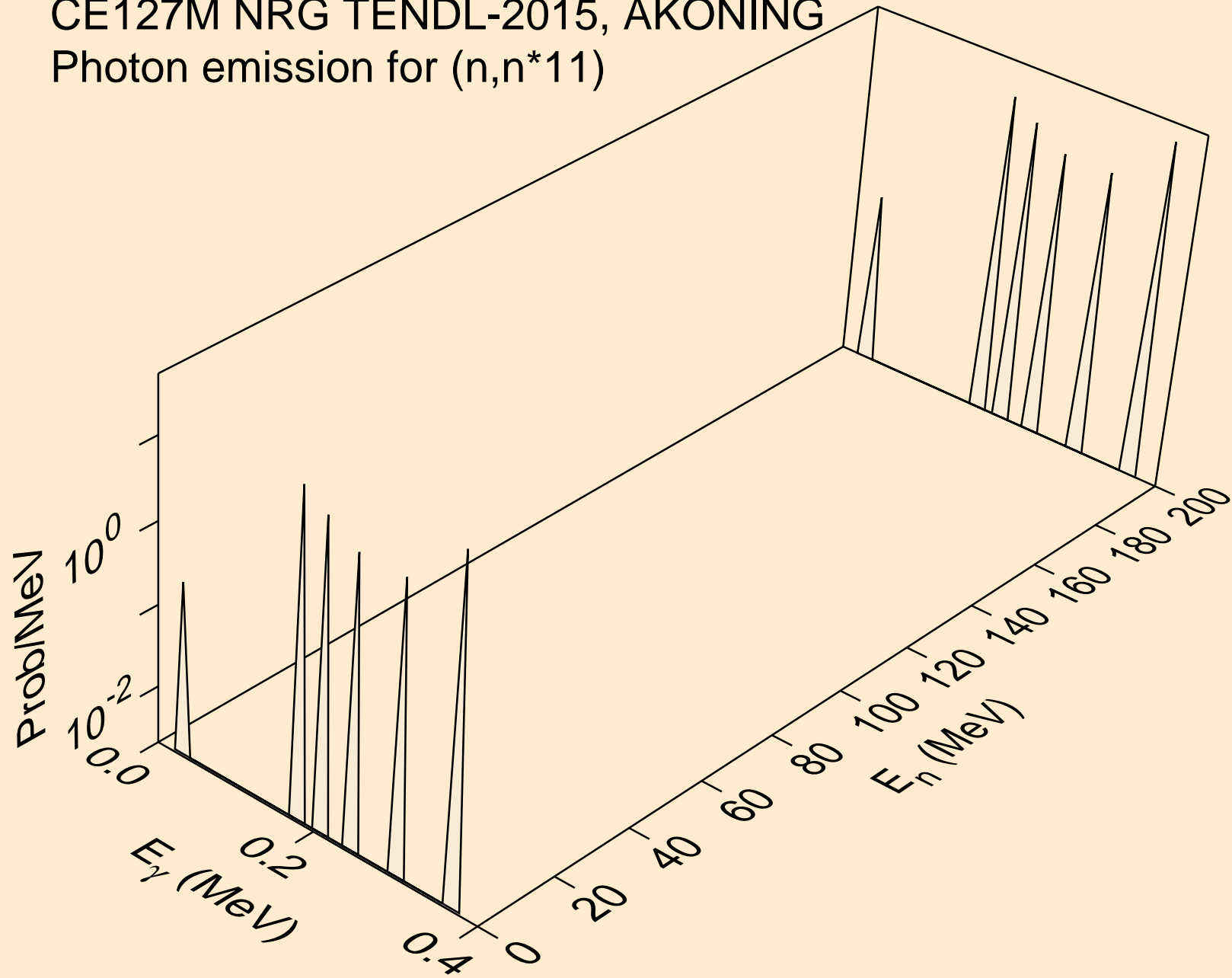
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Photon emission for (n,n\*9)



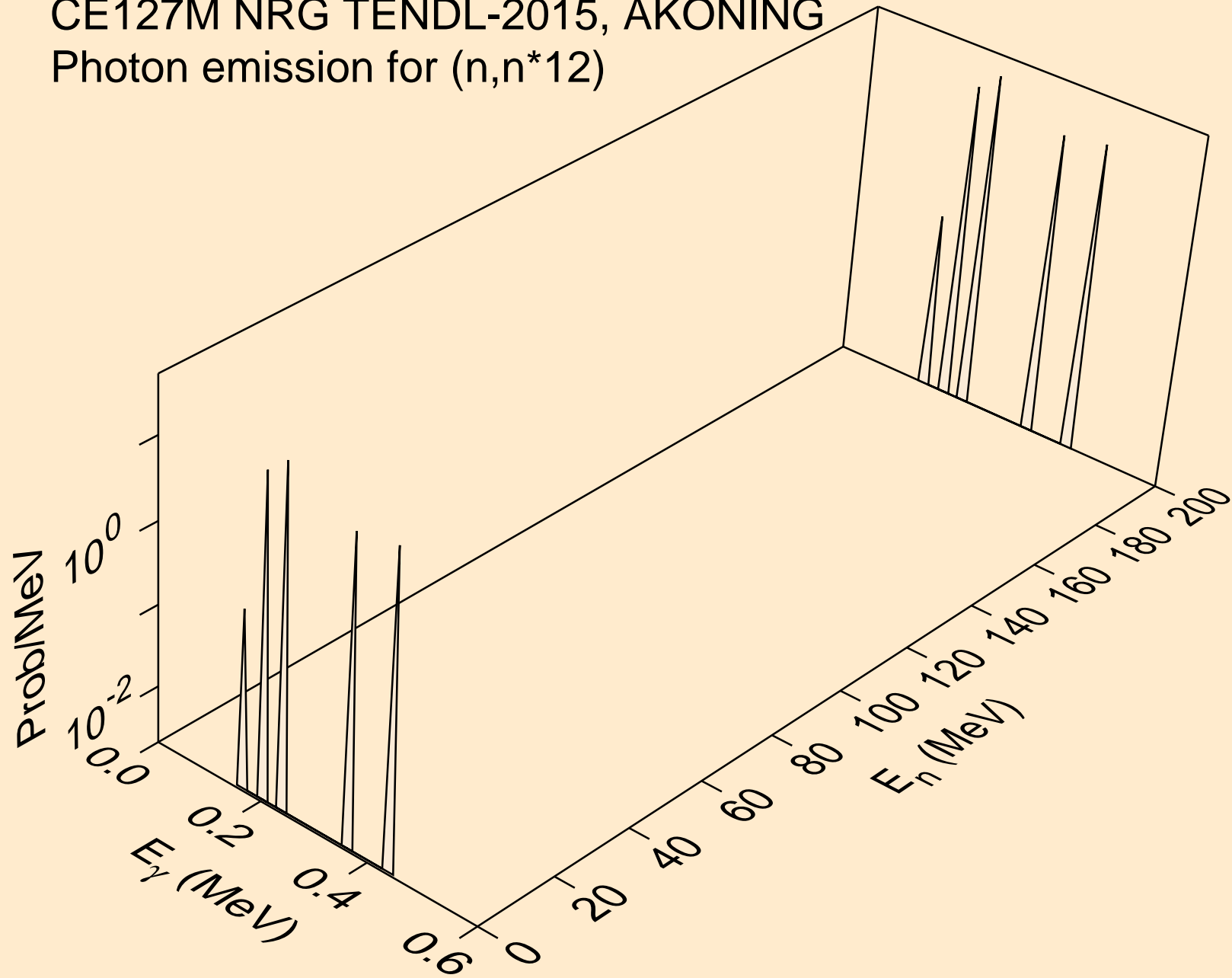
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Photon emission for (n,n\*10)



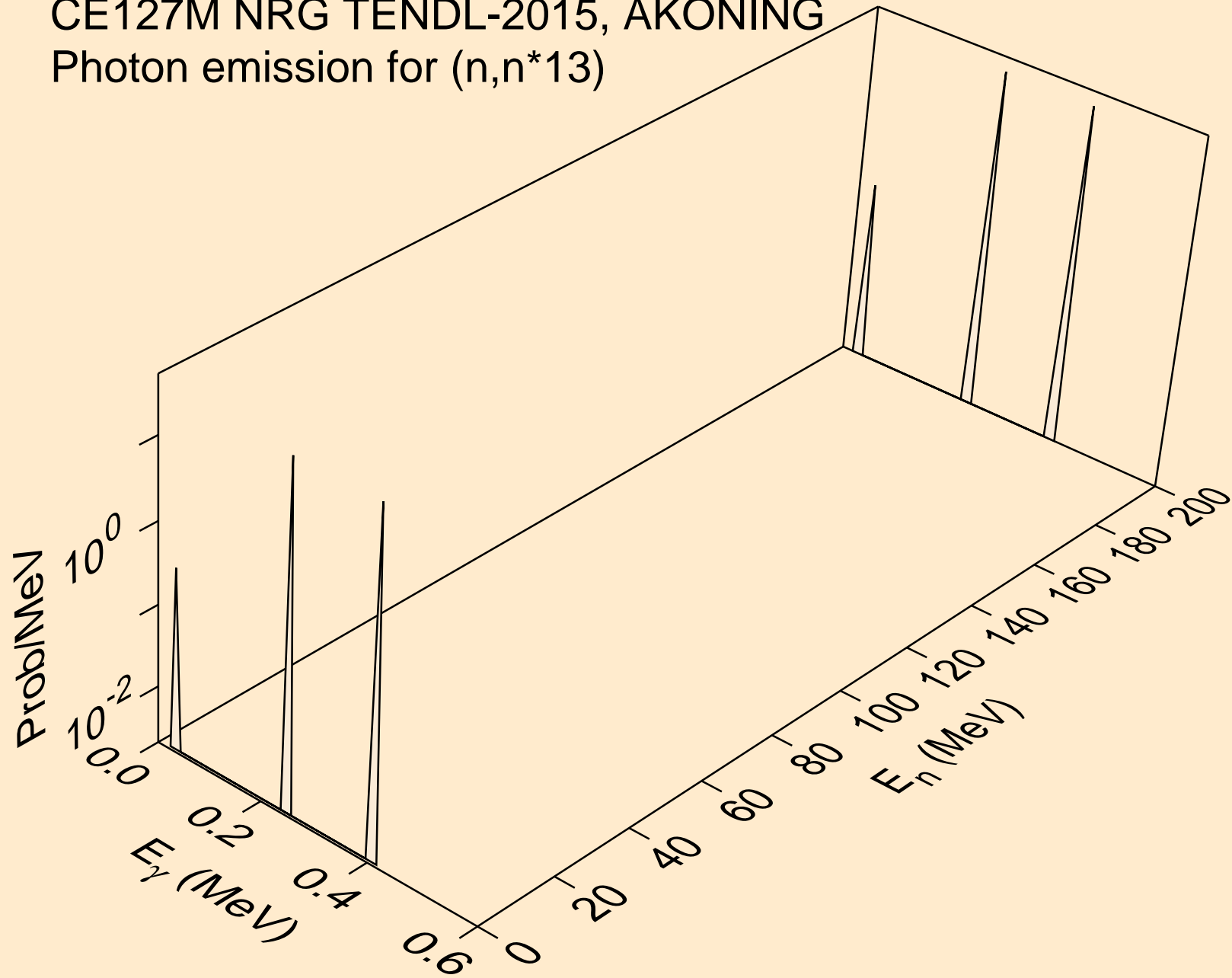
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Photon emission for (n,n\*11)



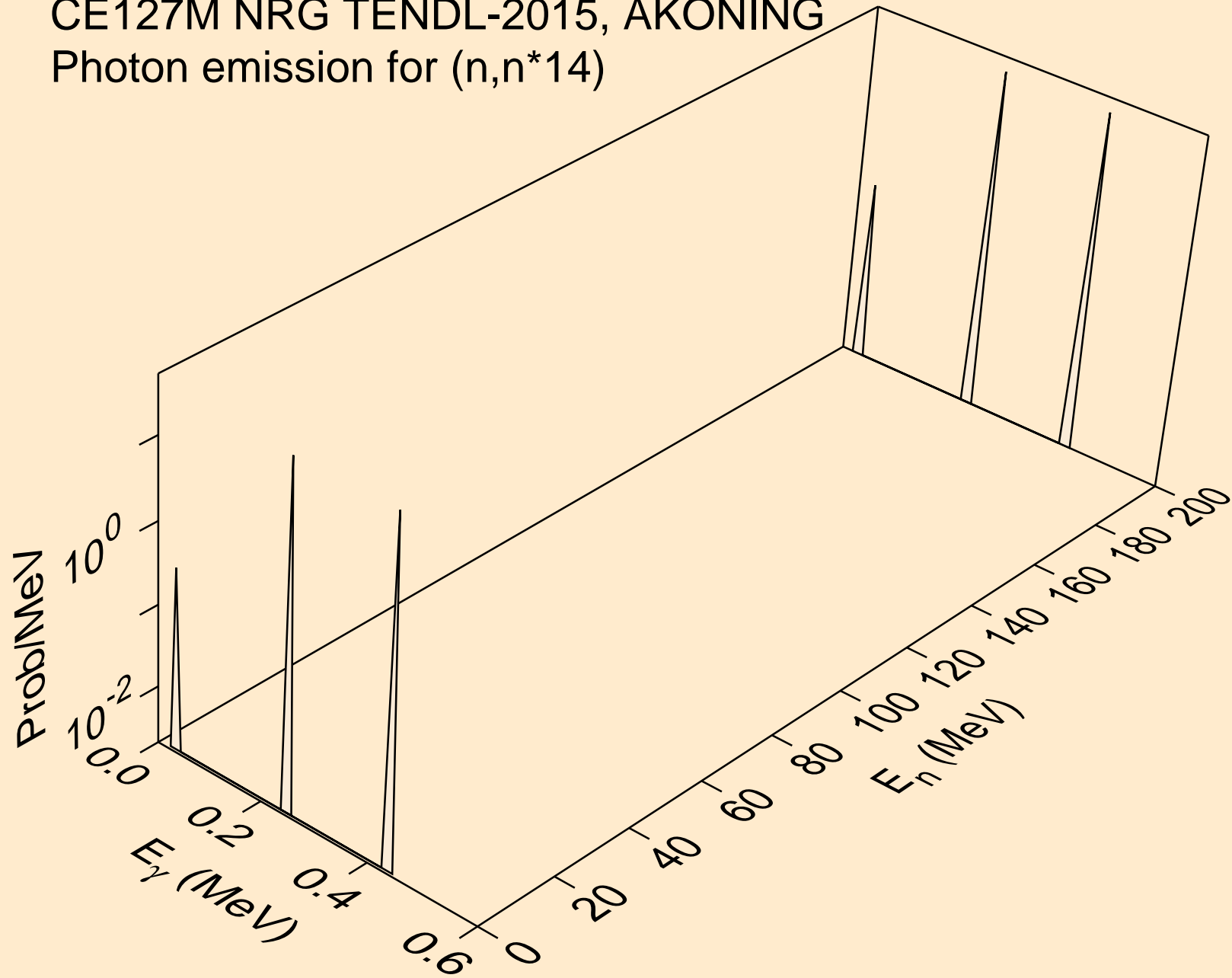
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Photon emission for (n,n\*12)



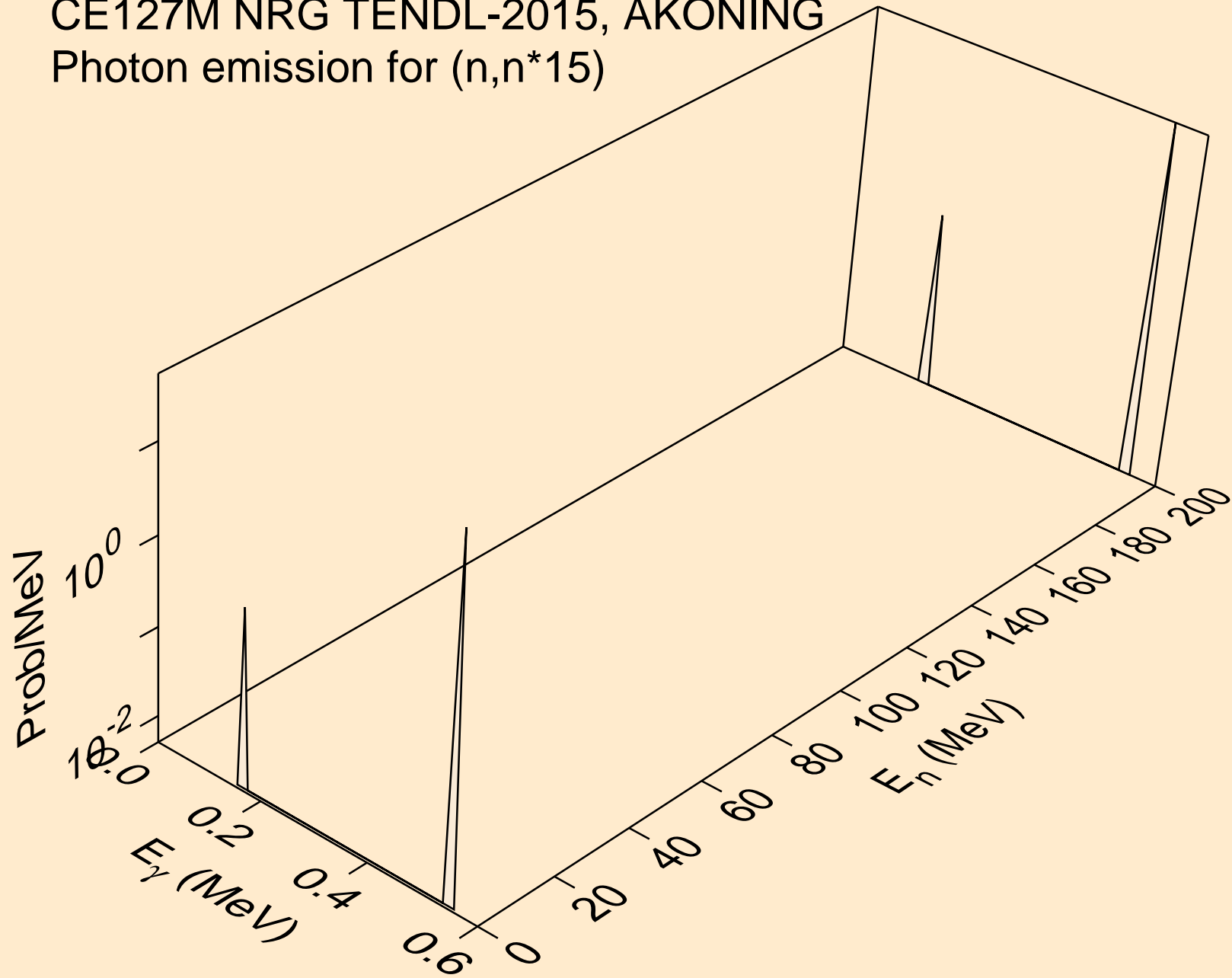
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Photon emission for (n,n\*13)



CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)

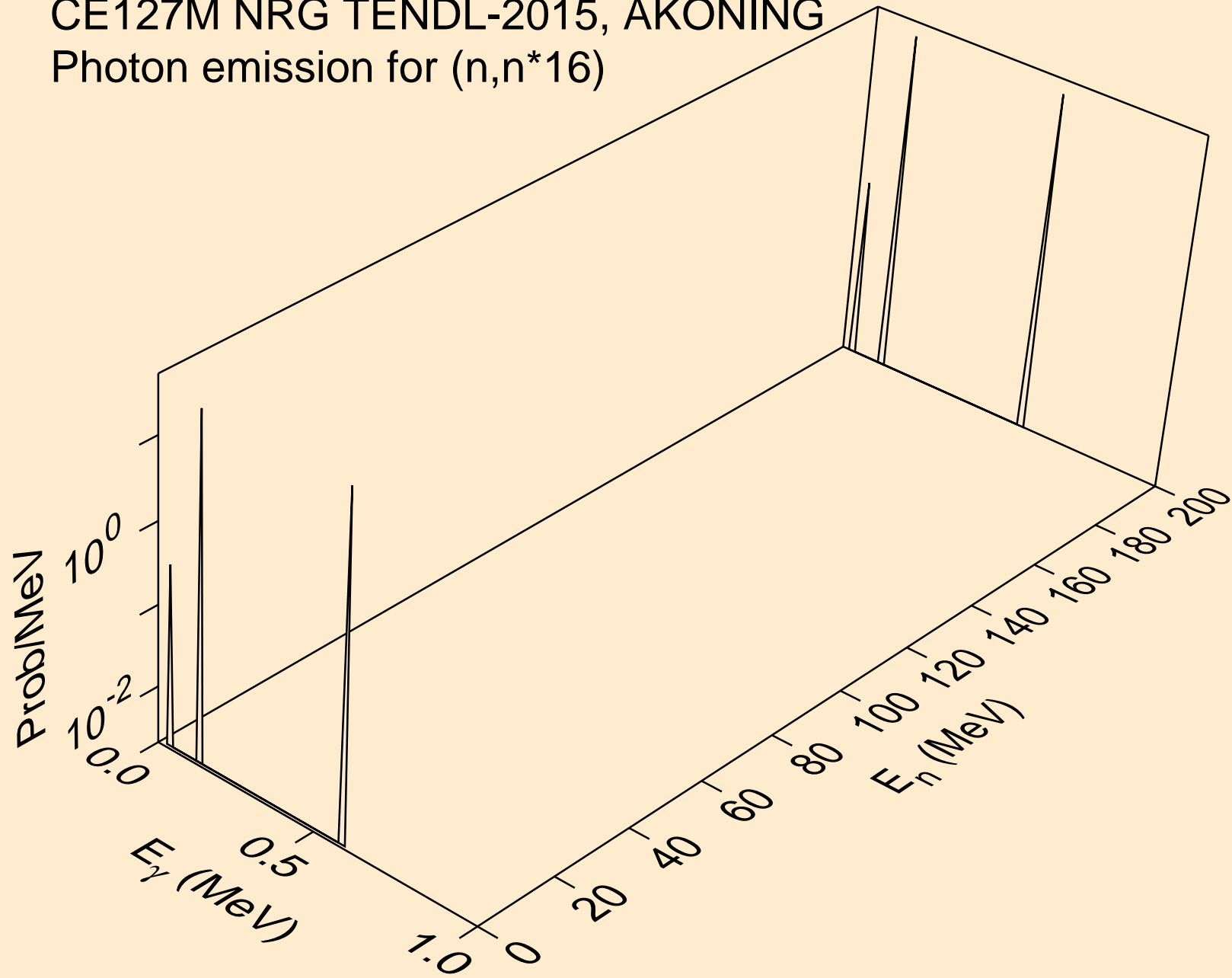


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Photon emission for (n,n\*15)

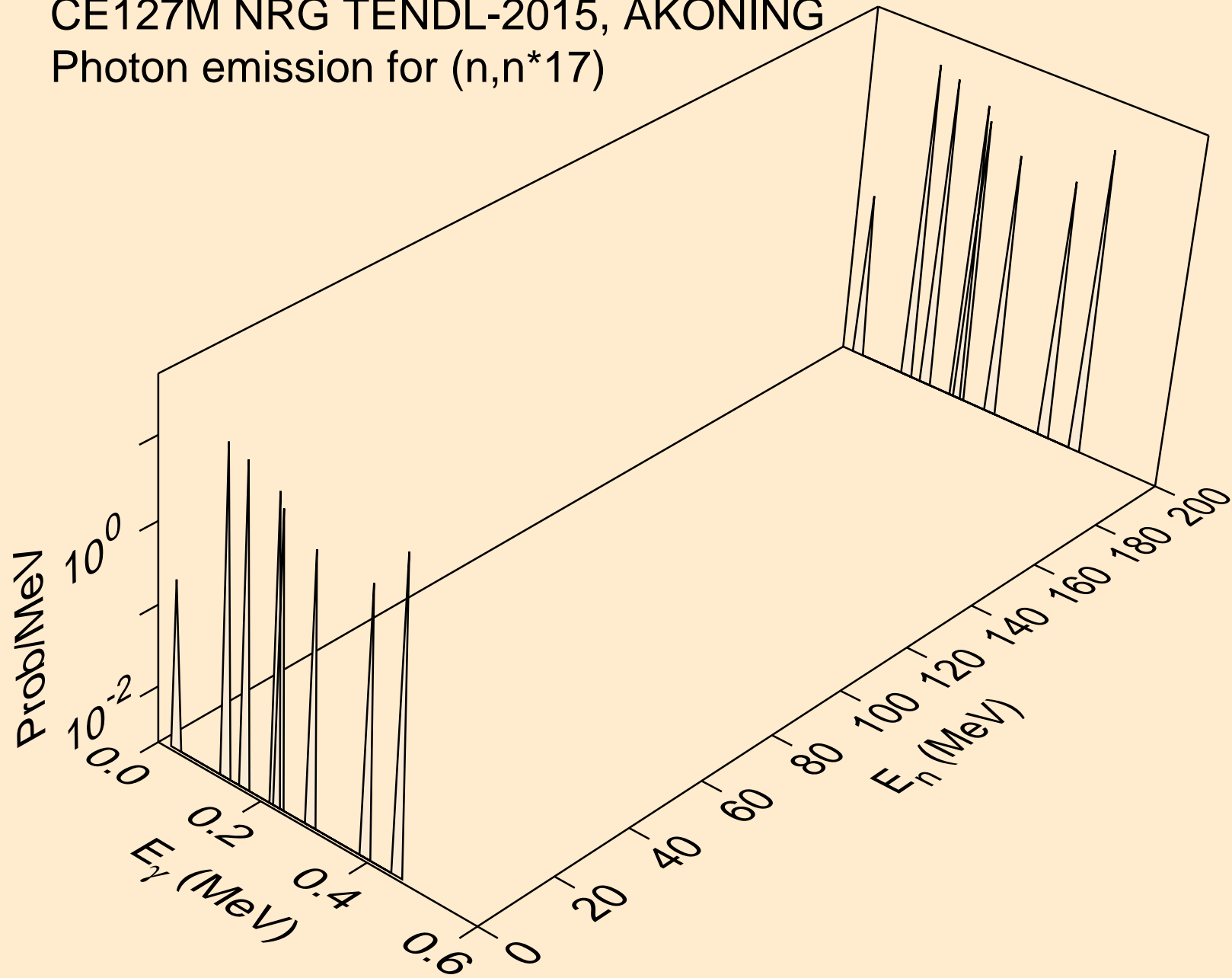




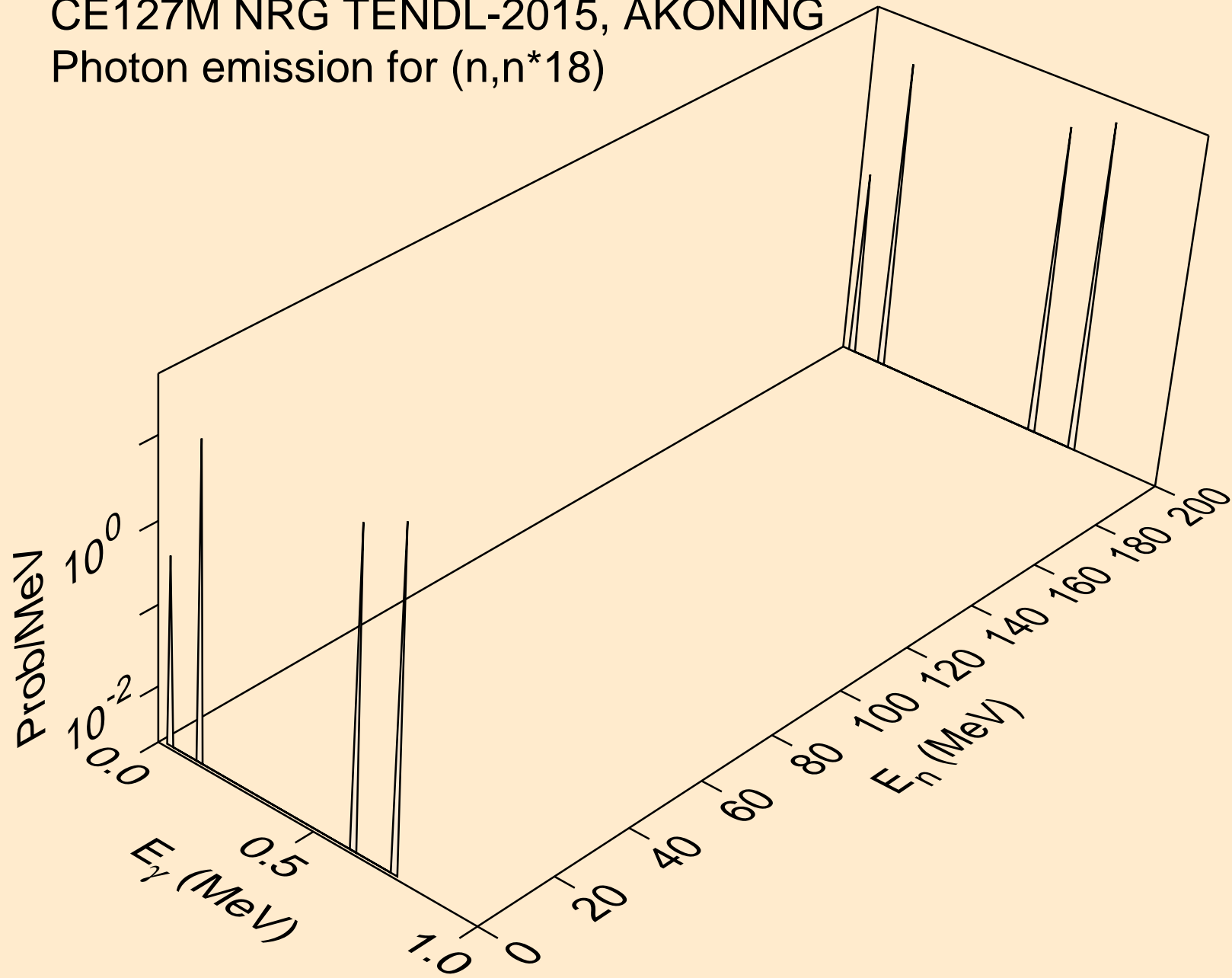
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Photon emission for (n,n\*16)



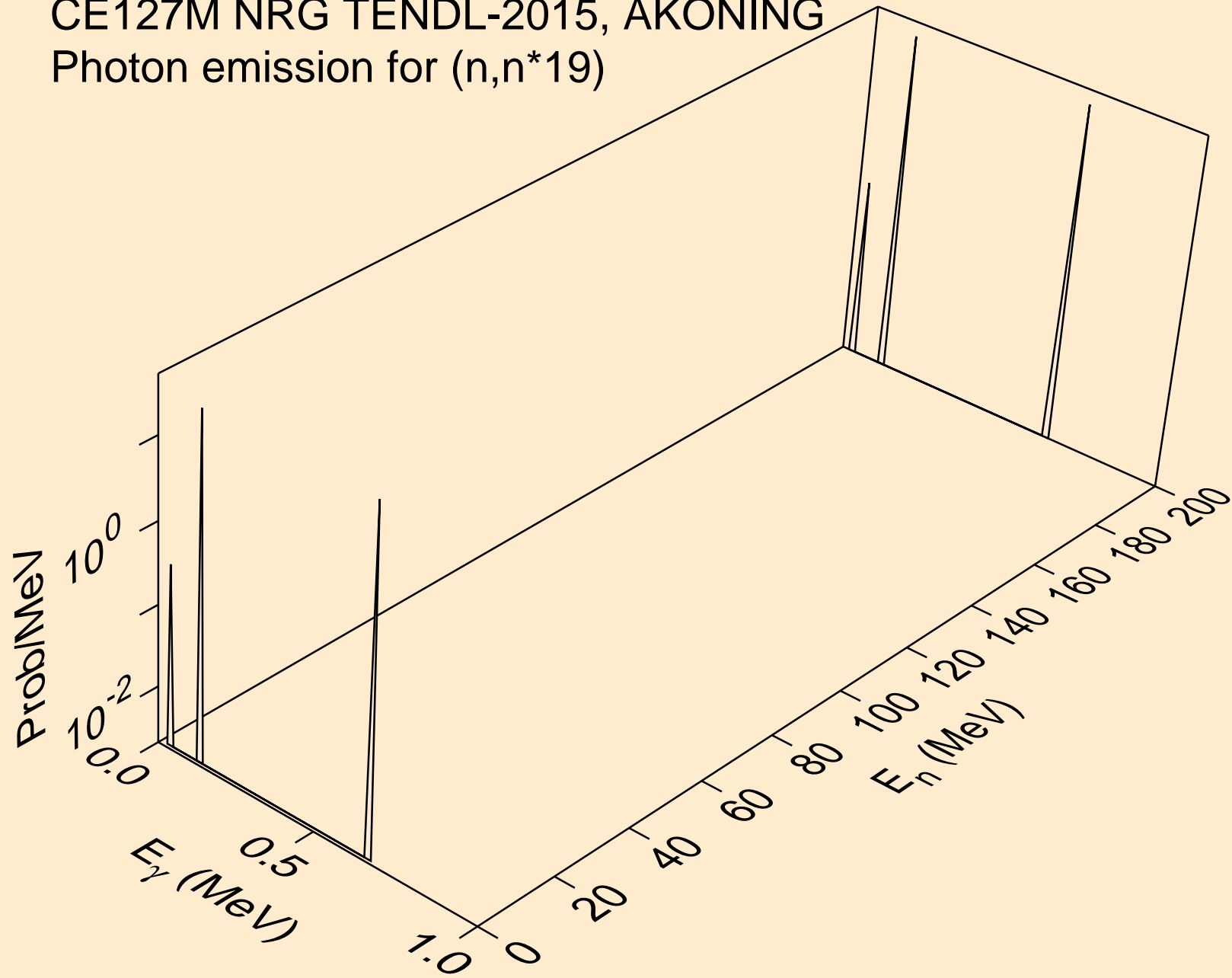
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Photon emission for (n,n\*17)



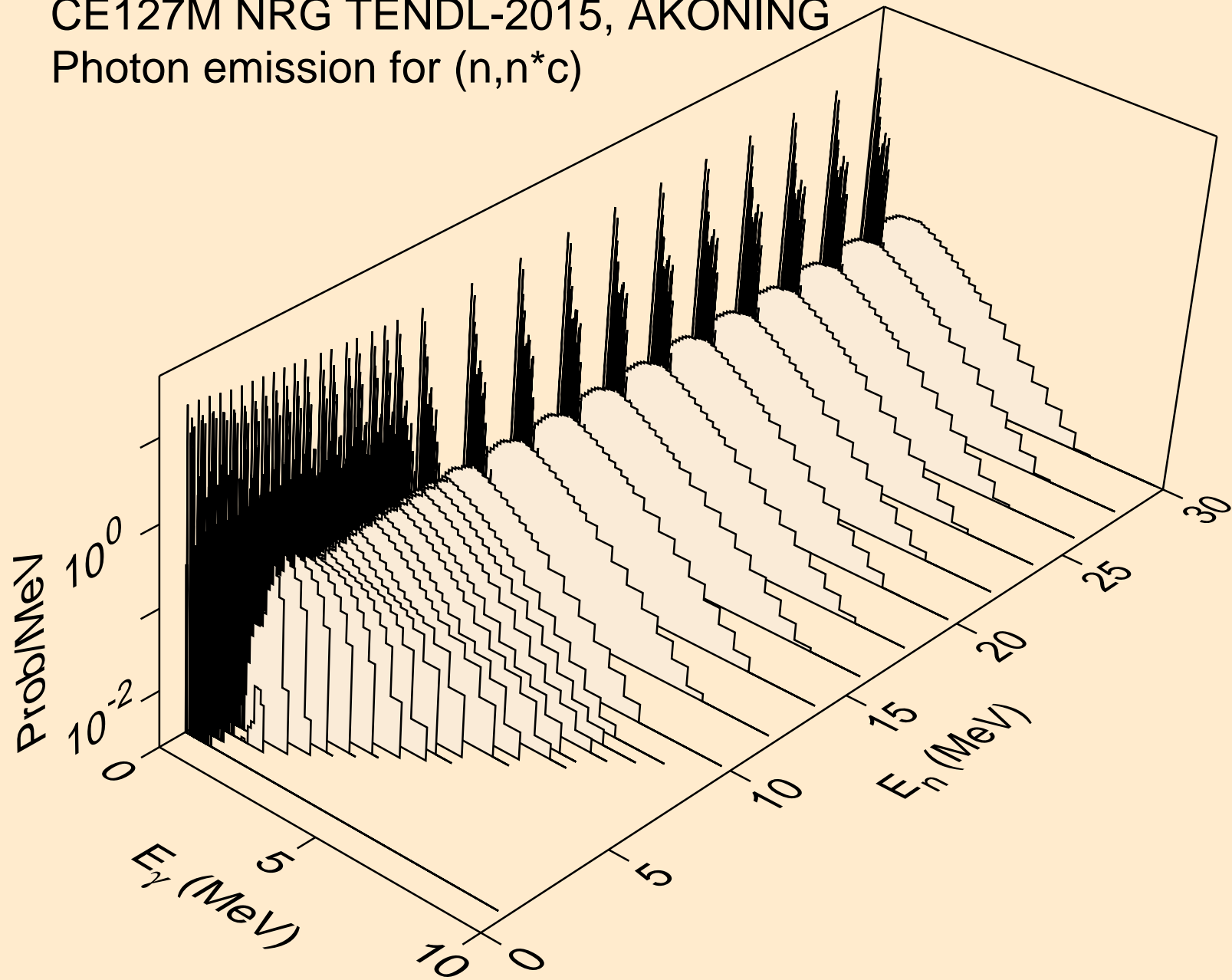
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Photon emission for (n,n\*18)



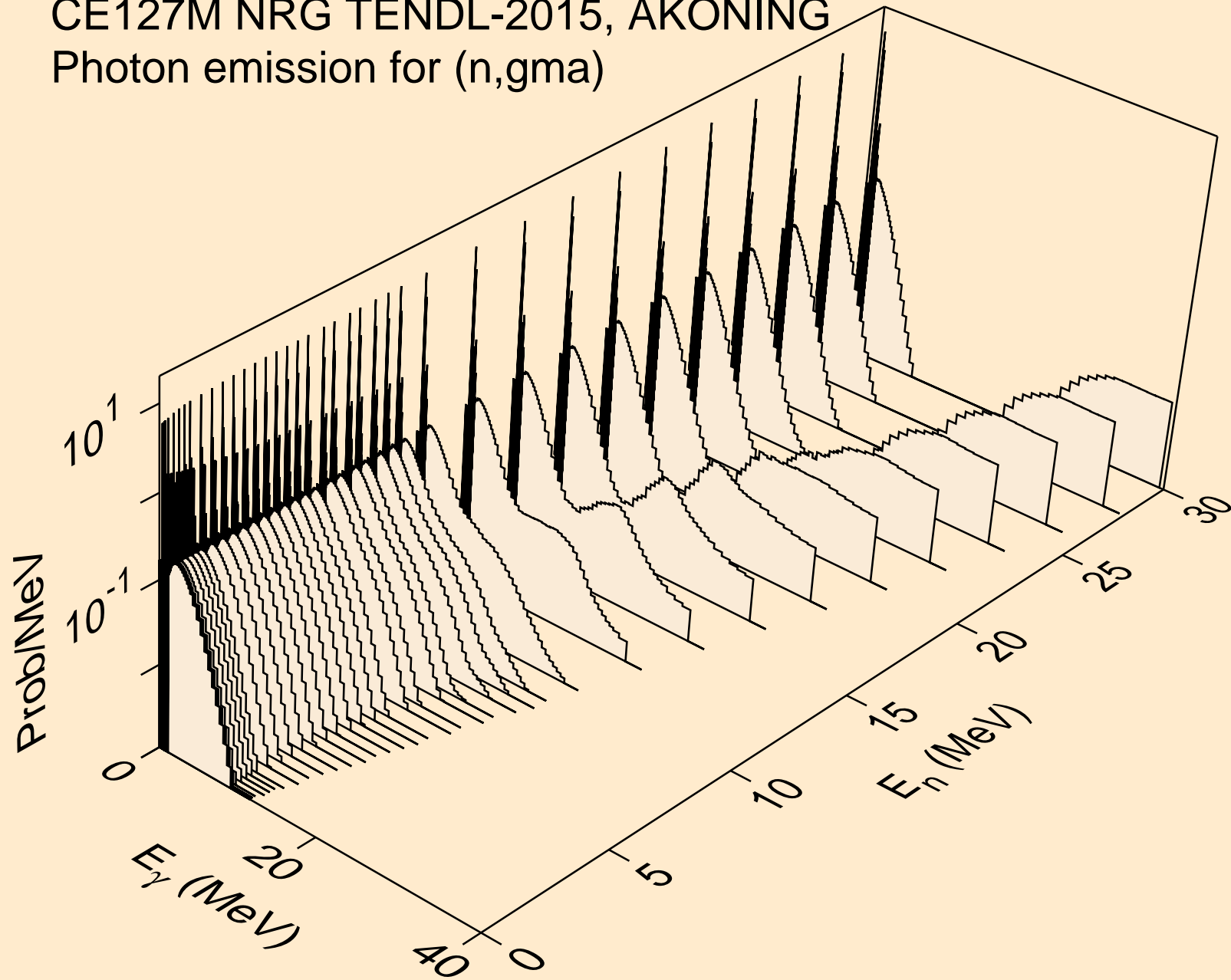
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Photon emission for (n,n\*19)



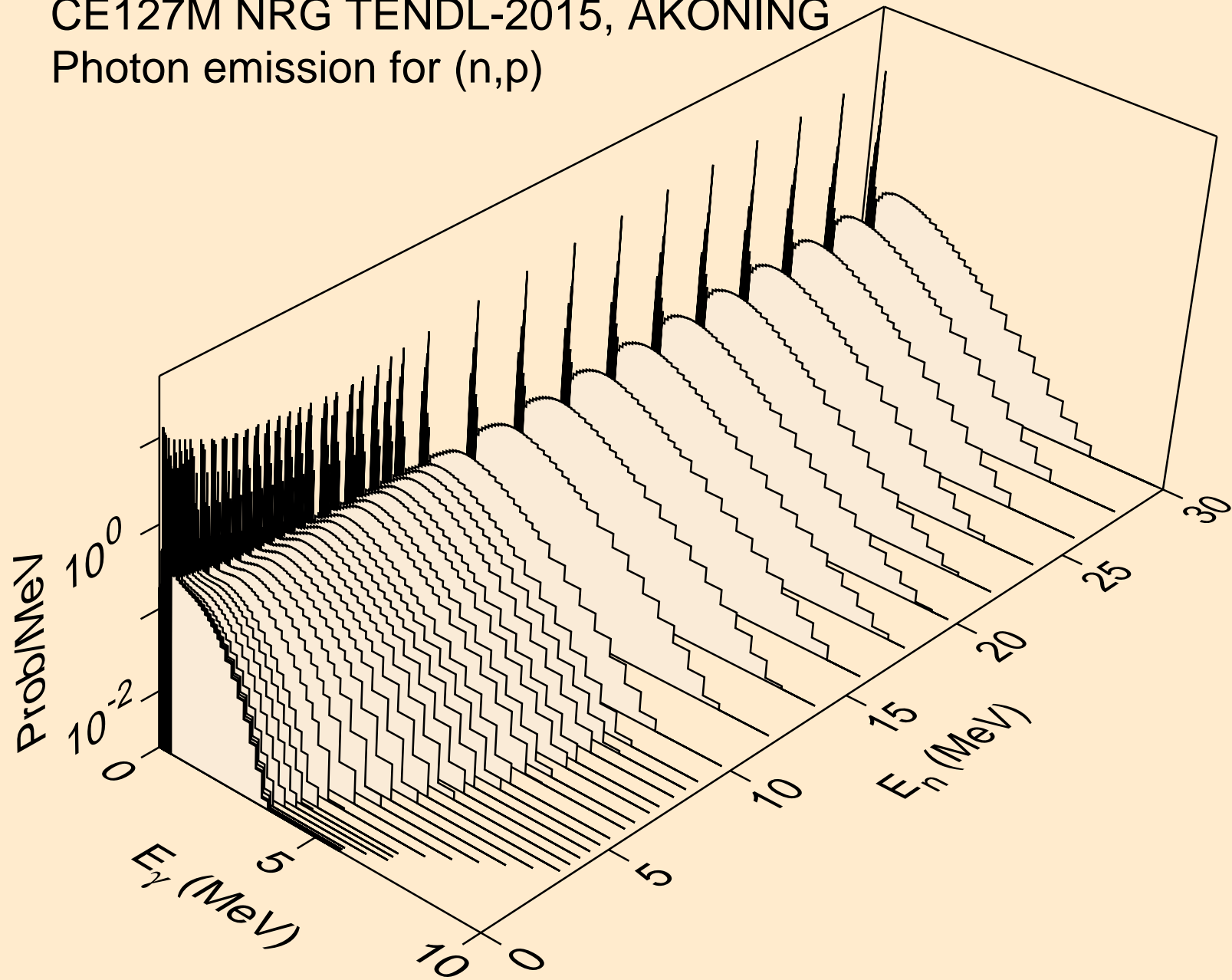
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Photon emission for (n,n\*c)



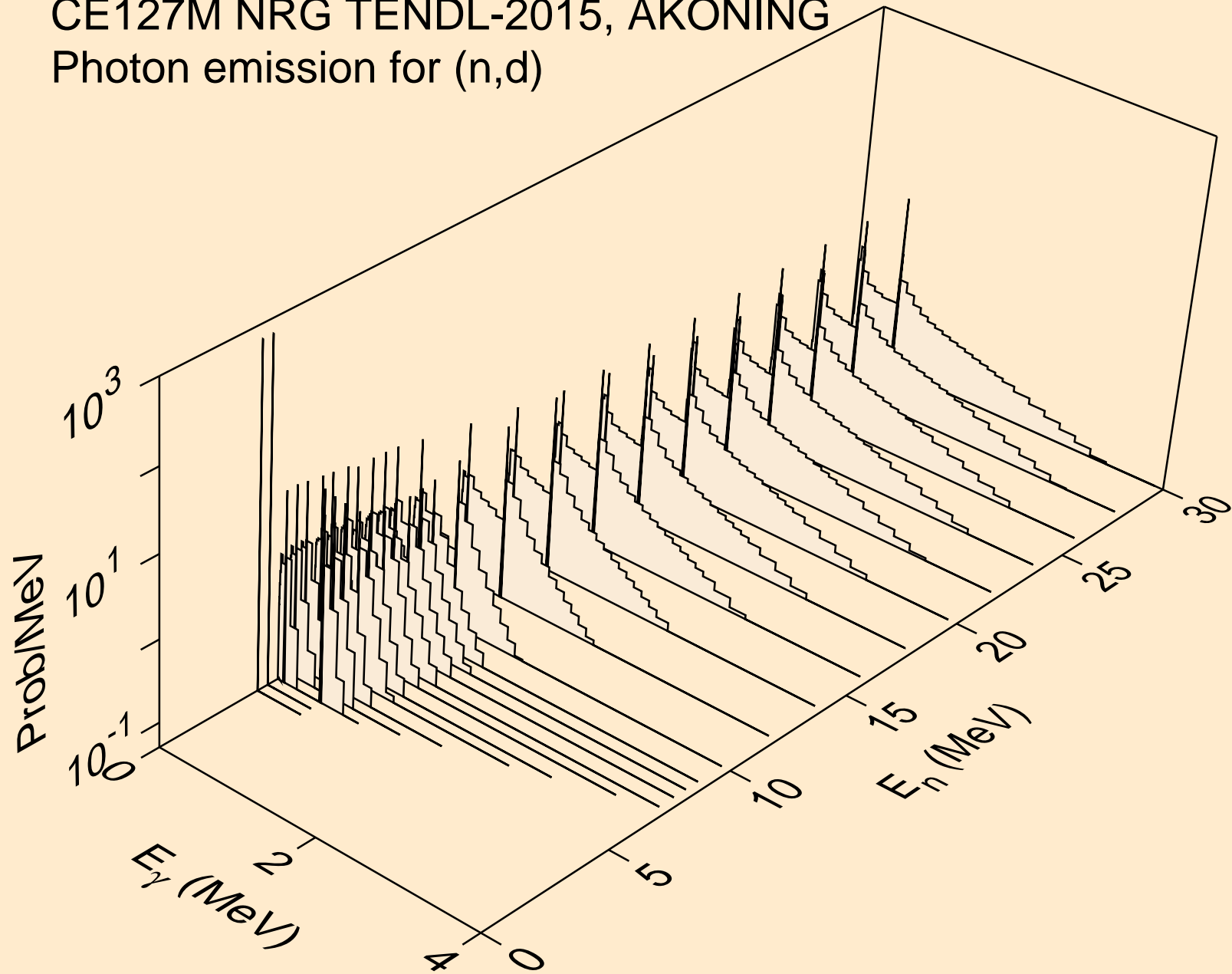
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Photon emission for (n,gma)



CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

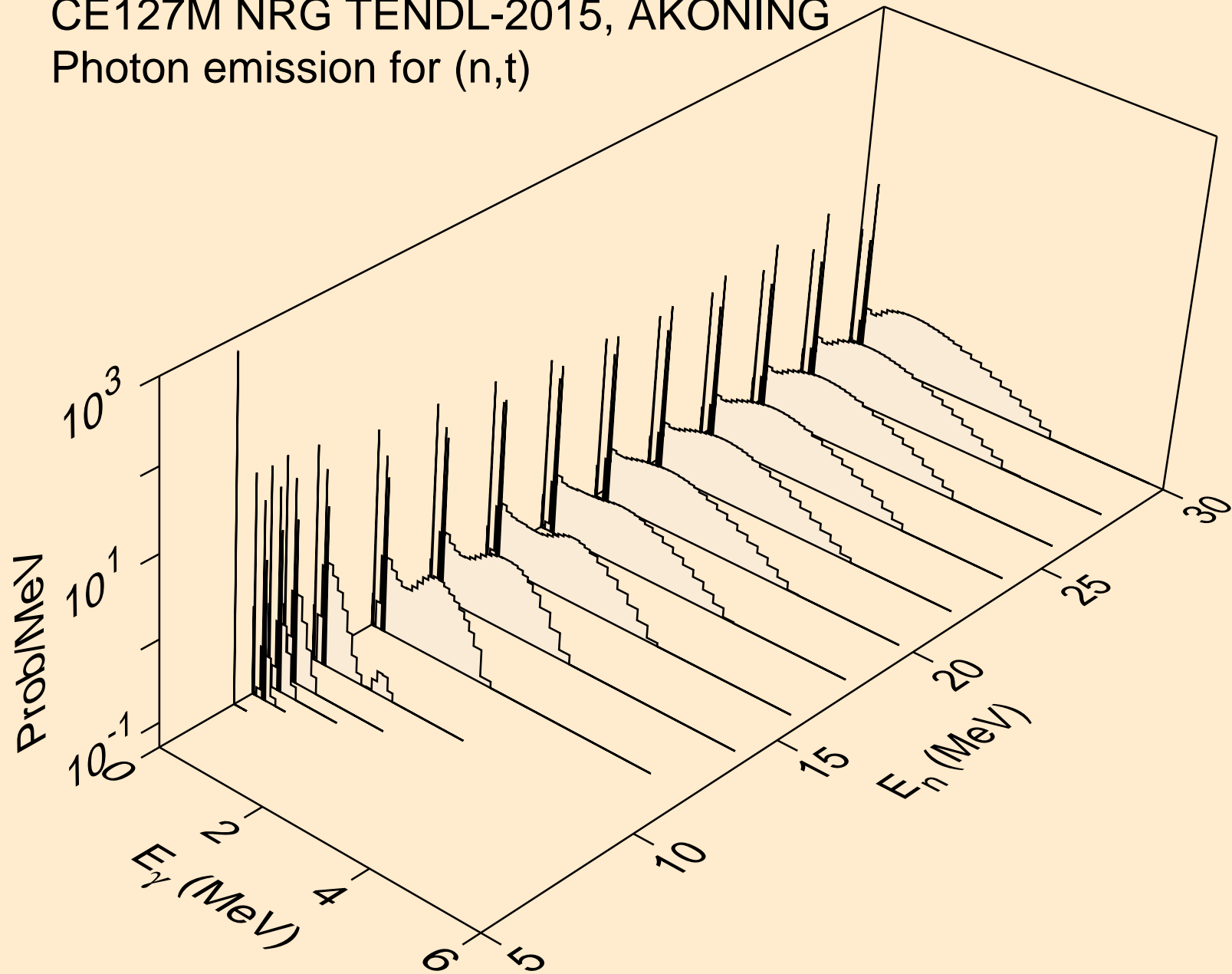


CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

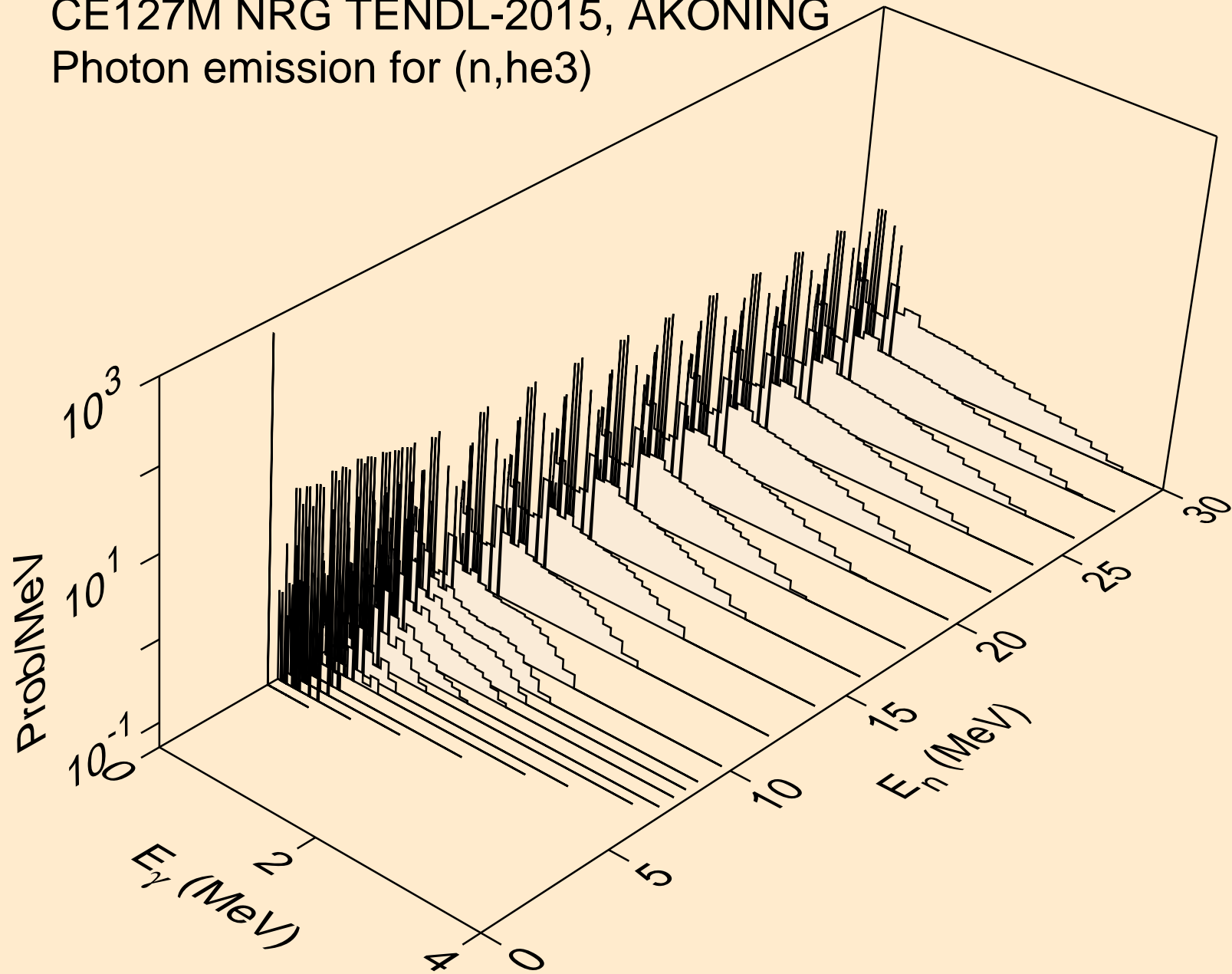




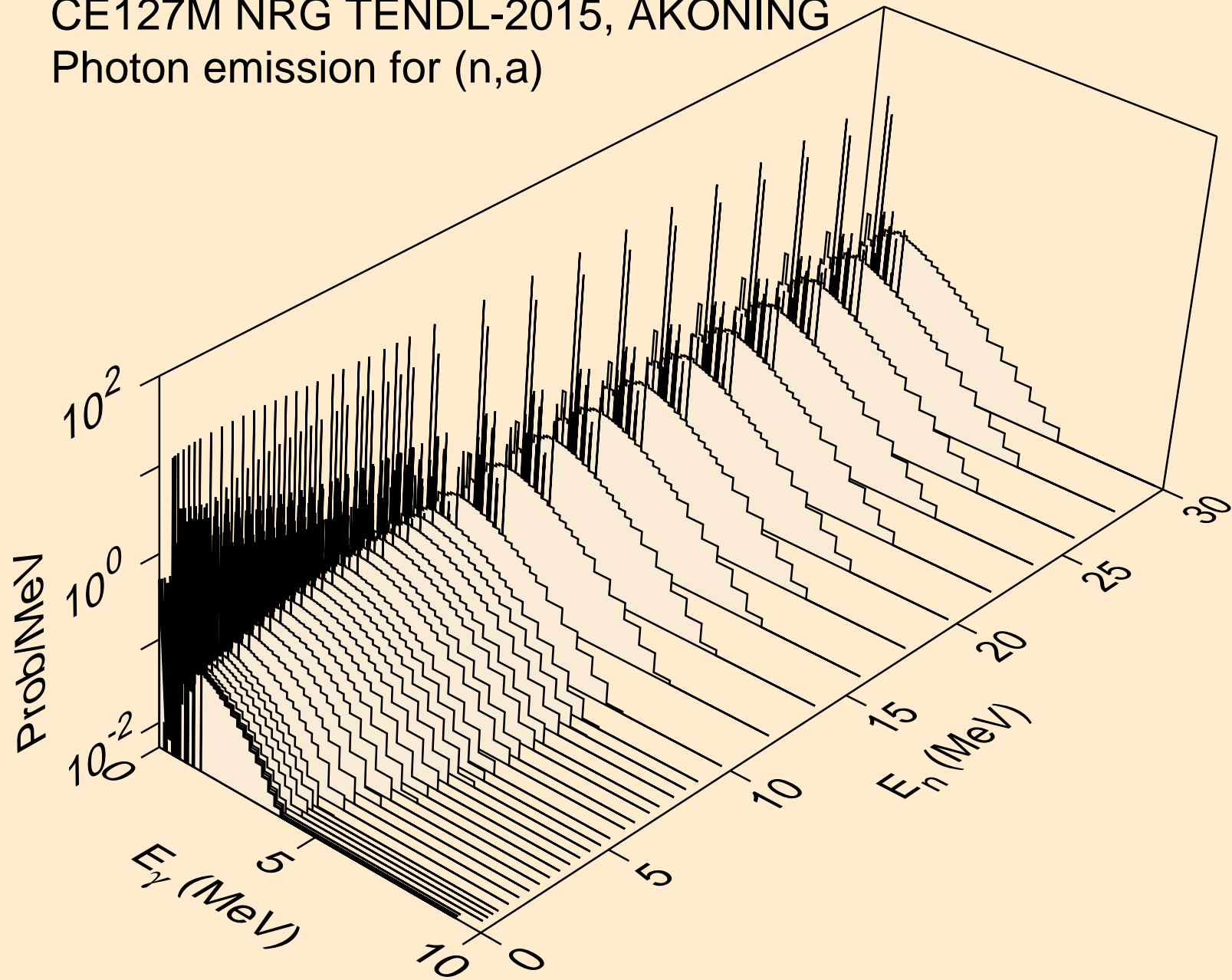
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Photon emission for (n,t)



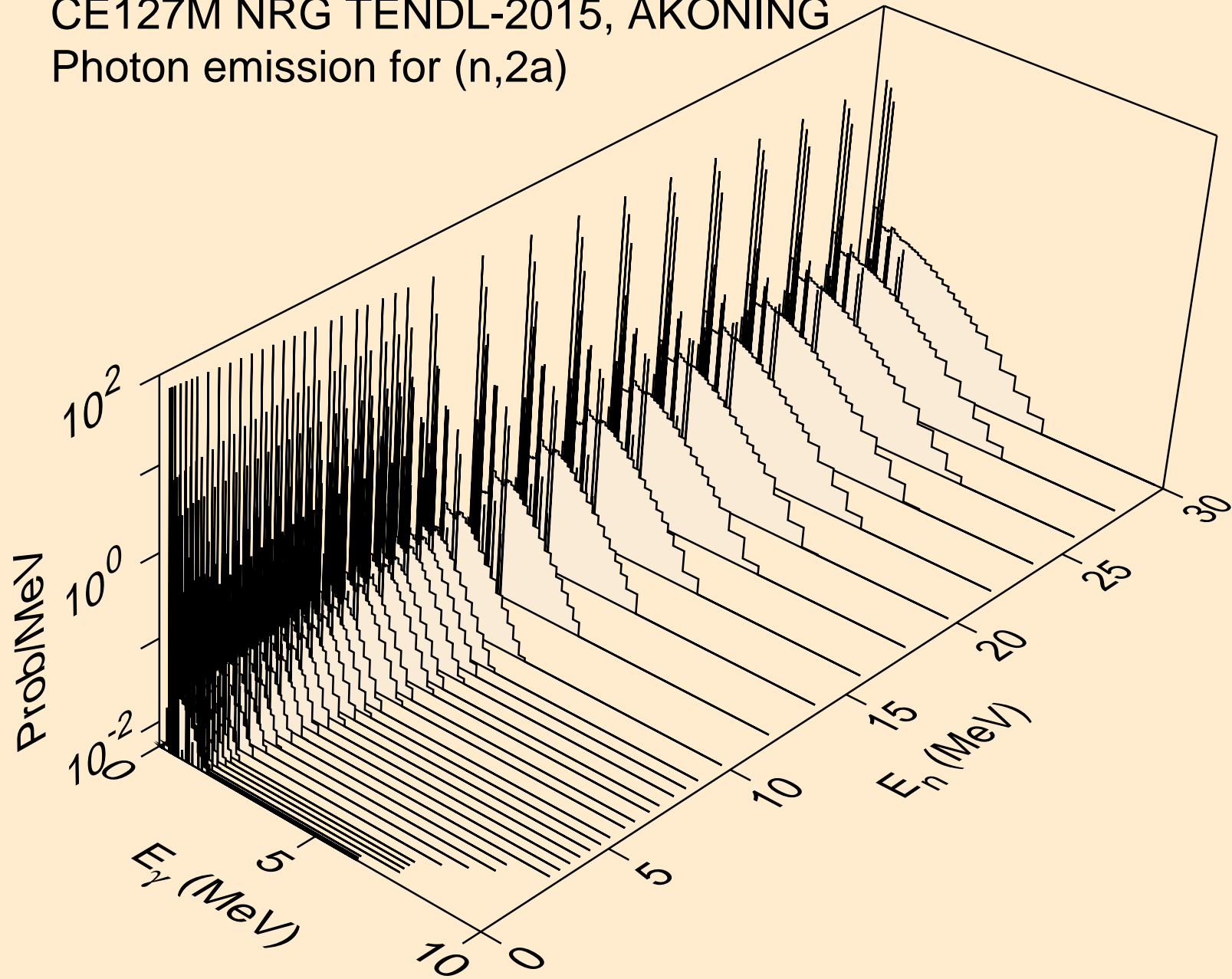
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Photon emission for (n,he3)



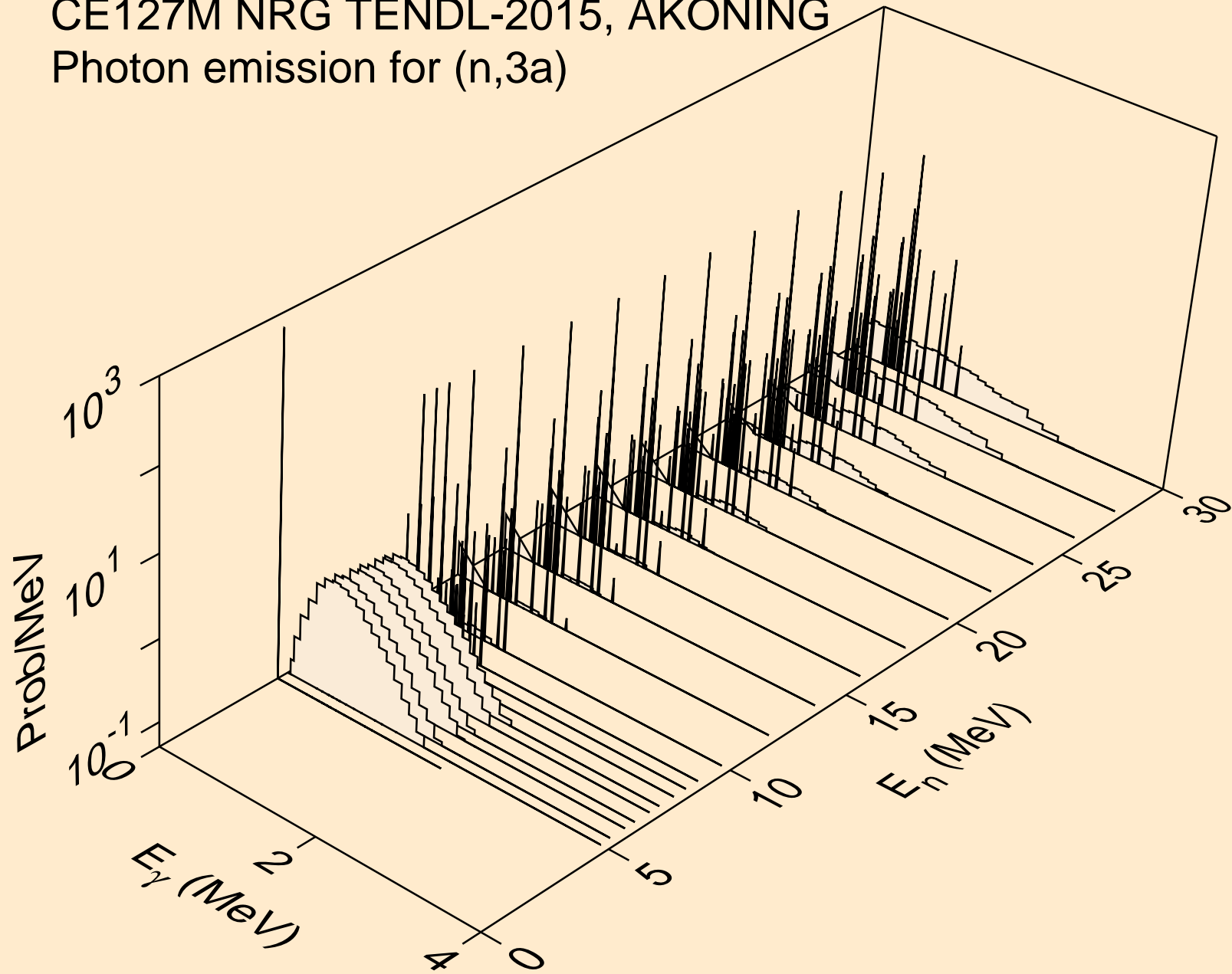
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Photon emission for (n,a)



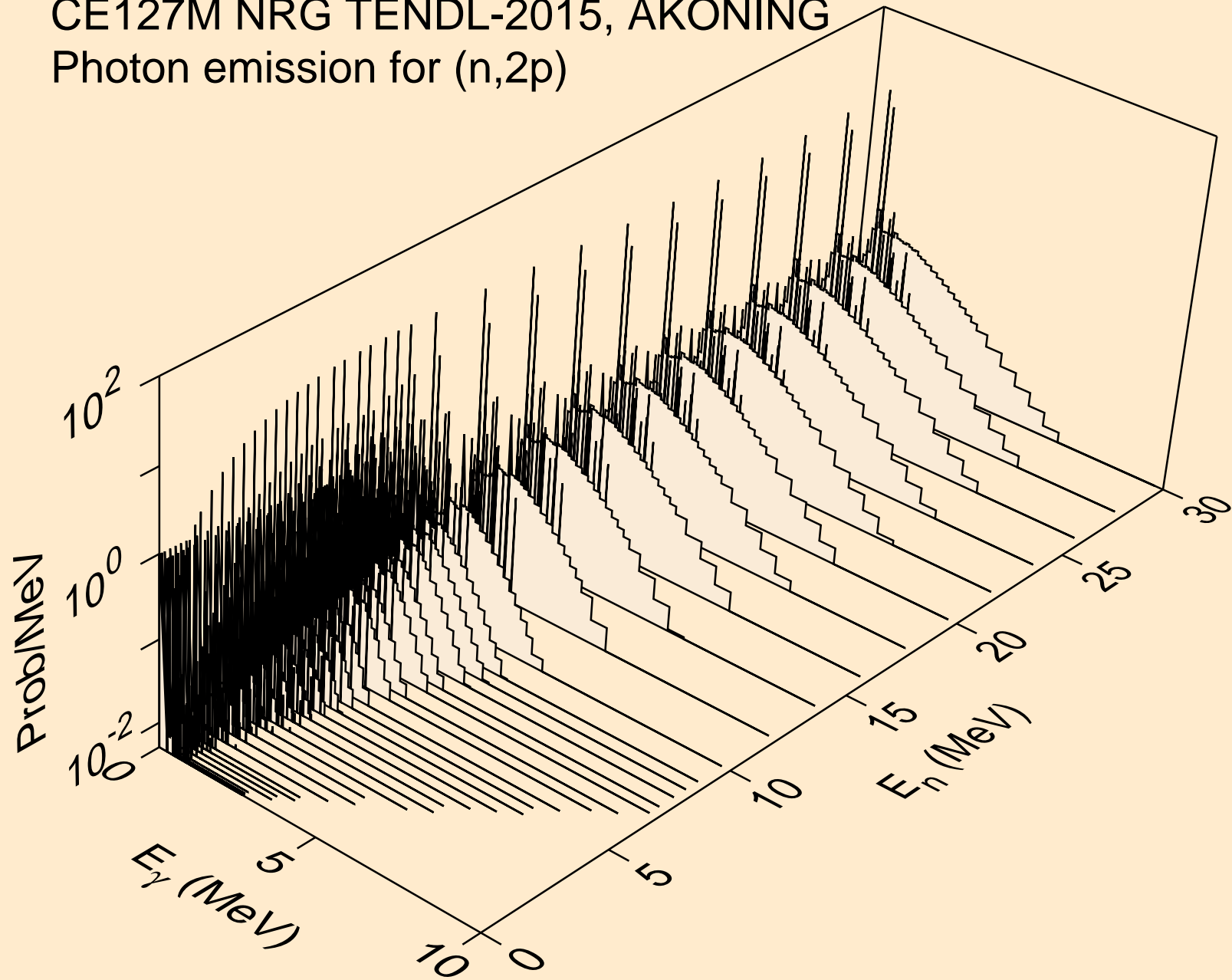
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



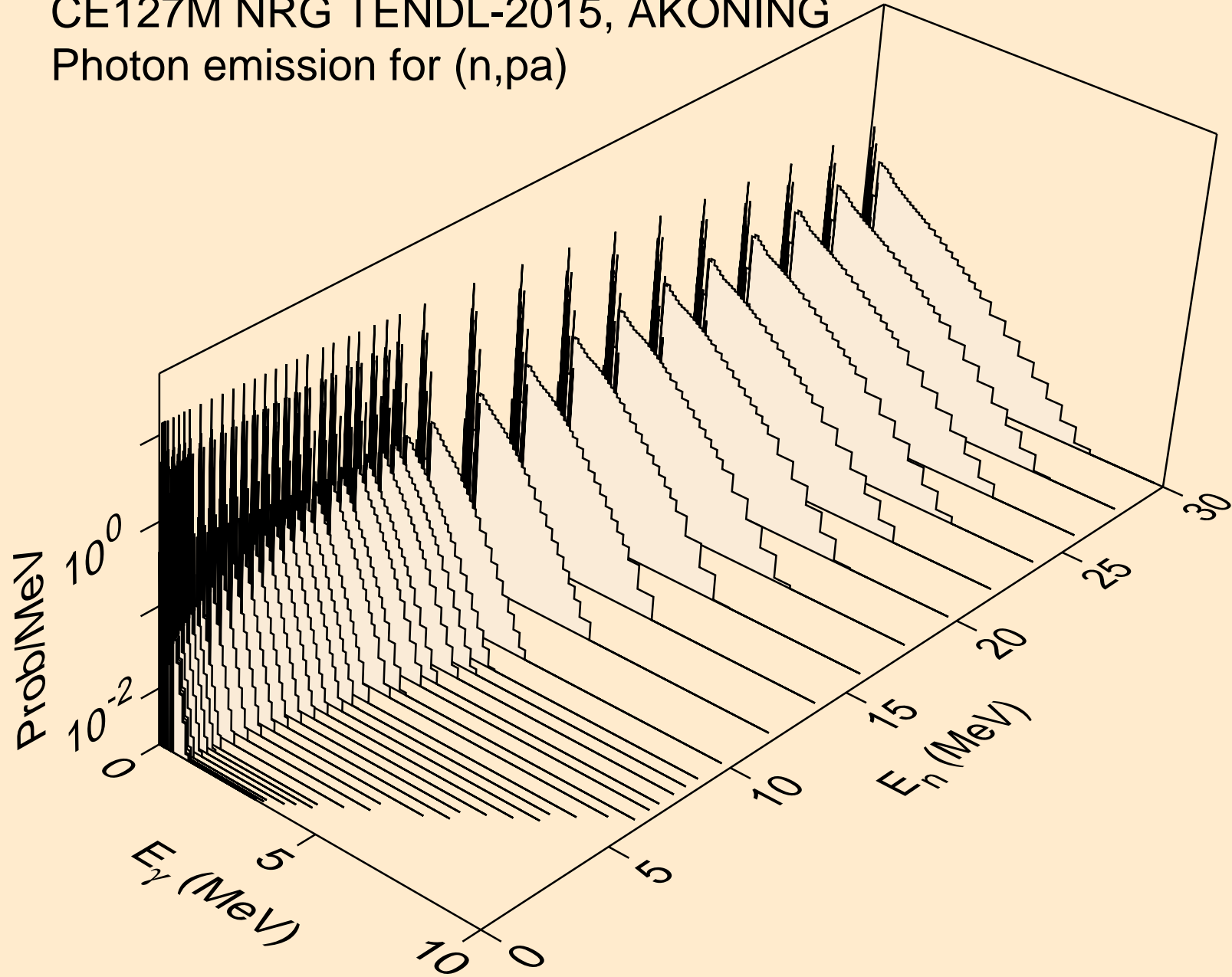
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Photon emission for (n,3a)



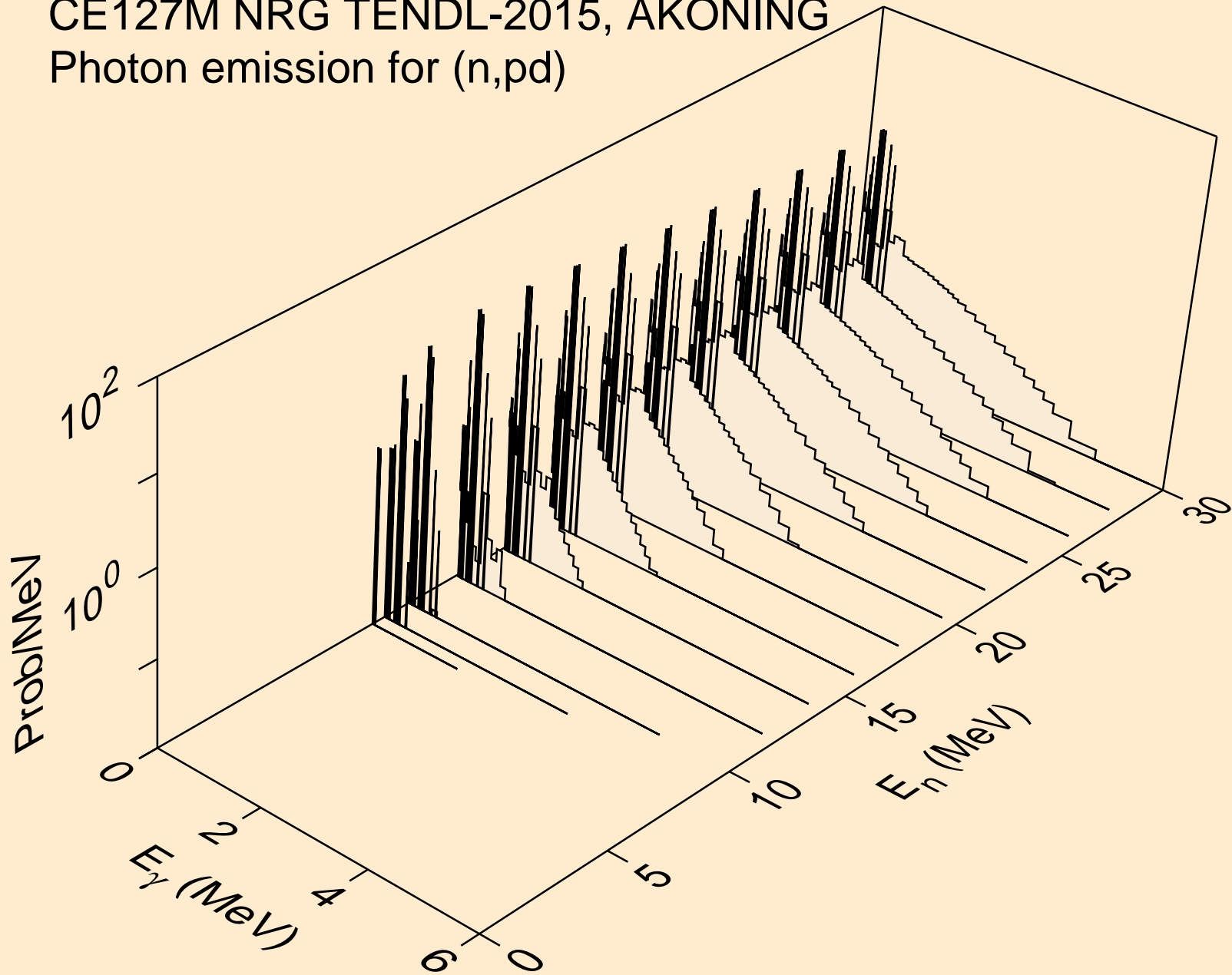
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

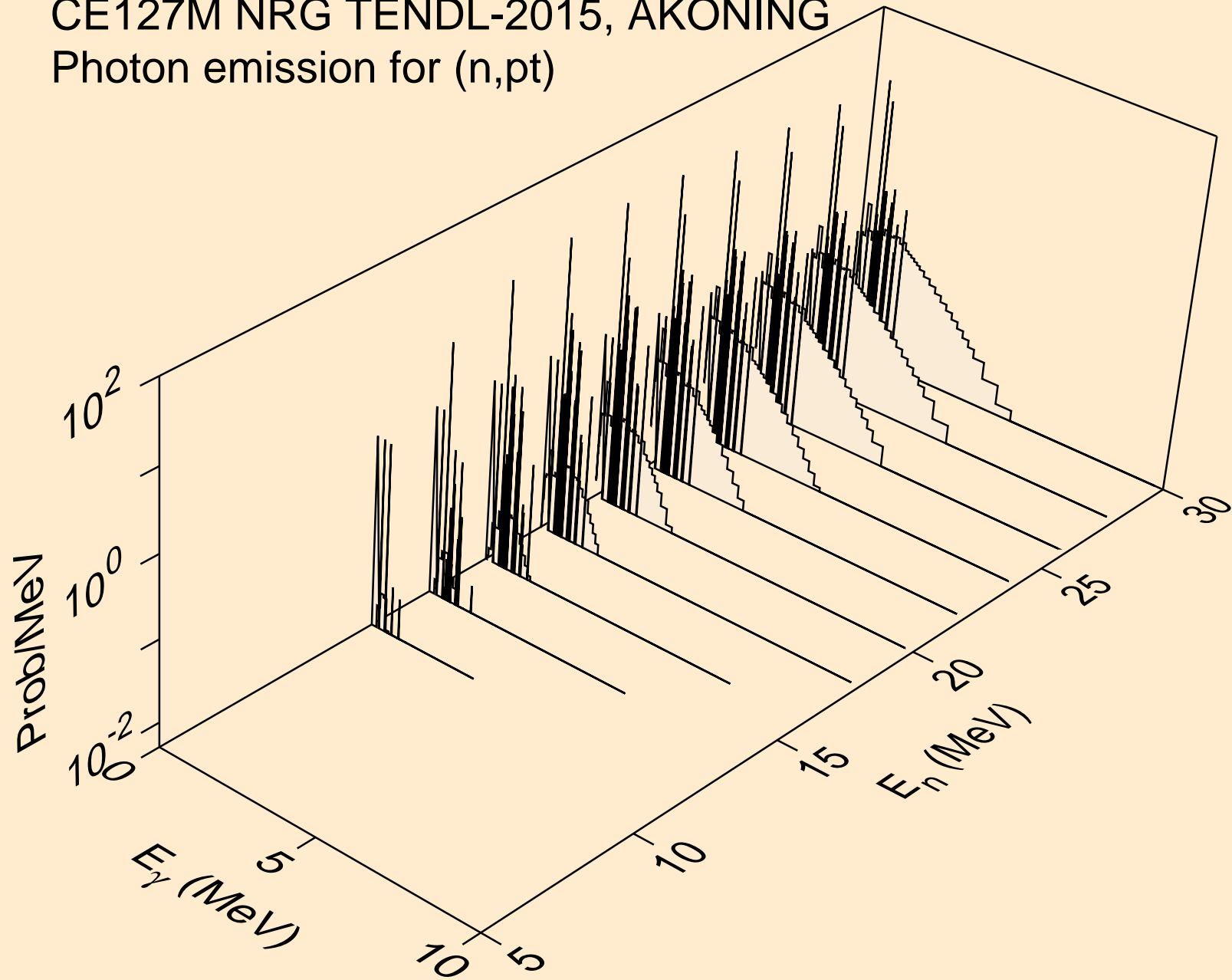


CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

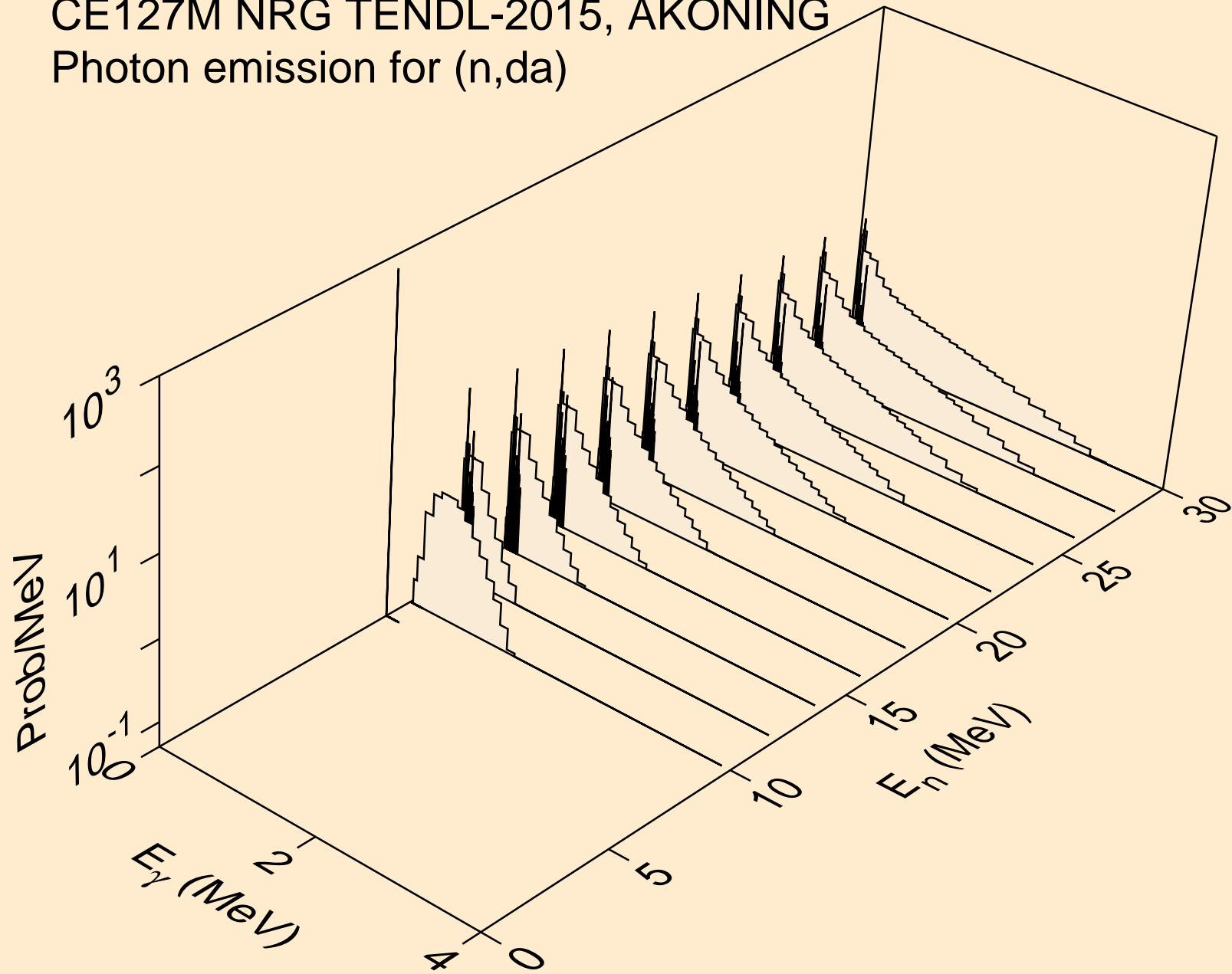




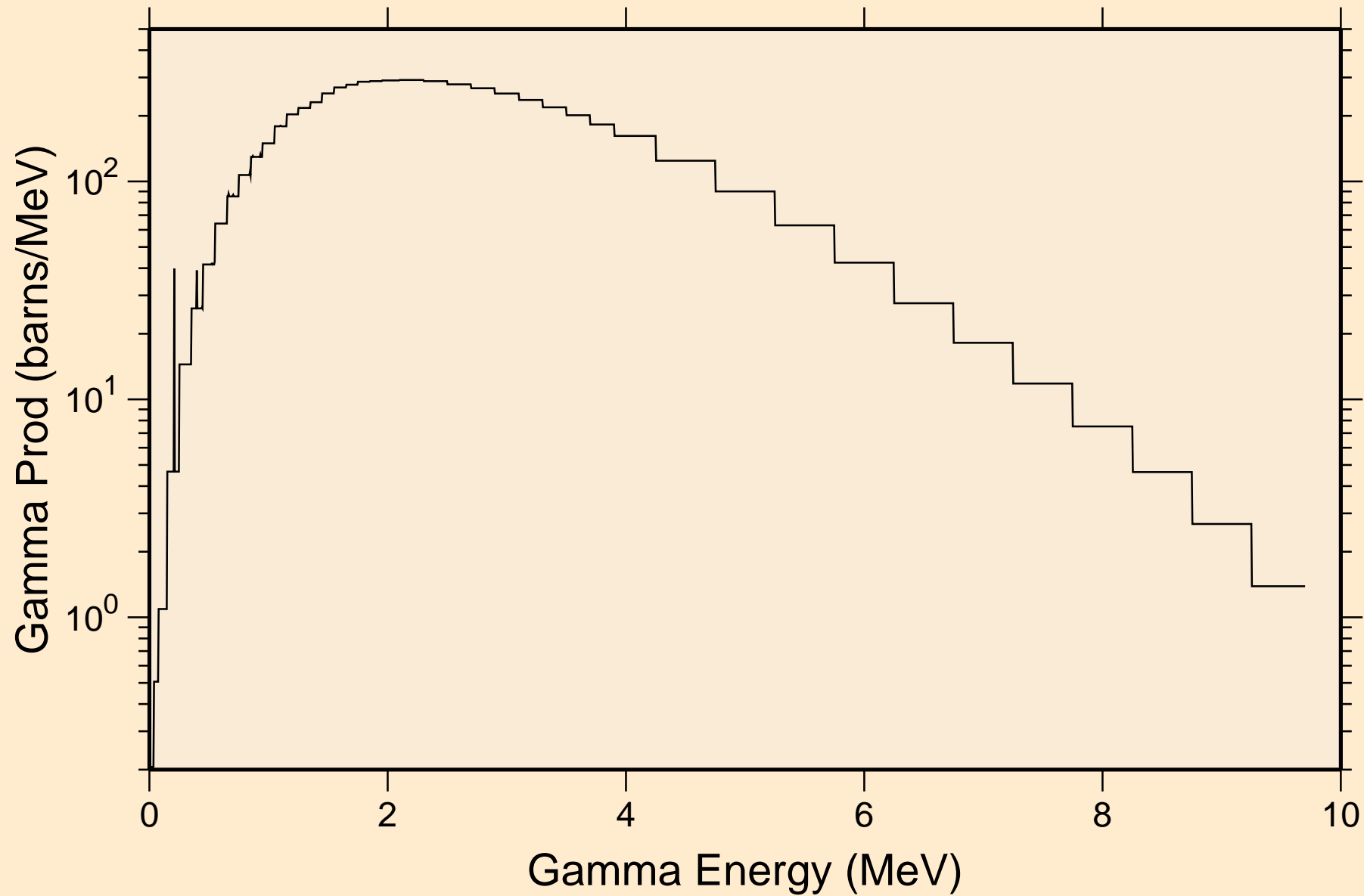
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



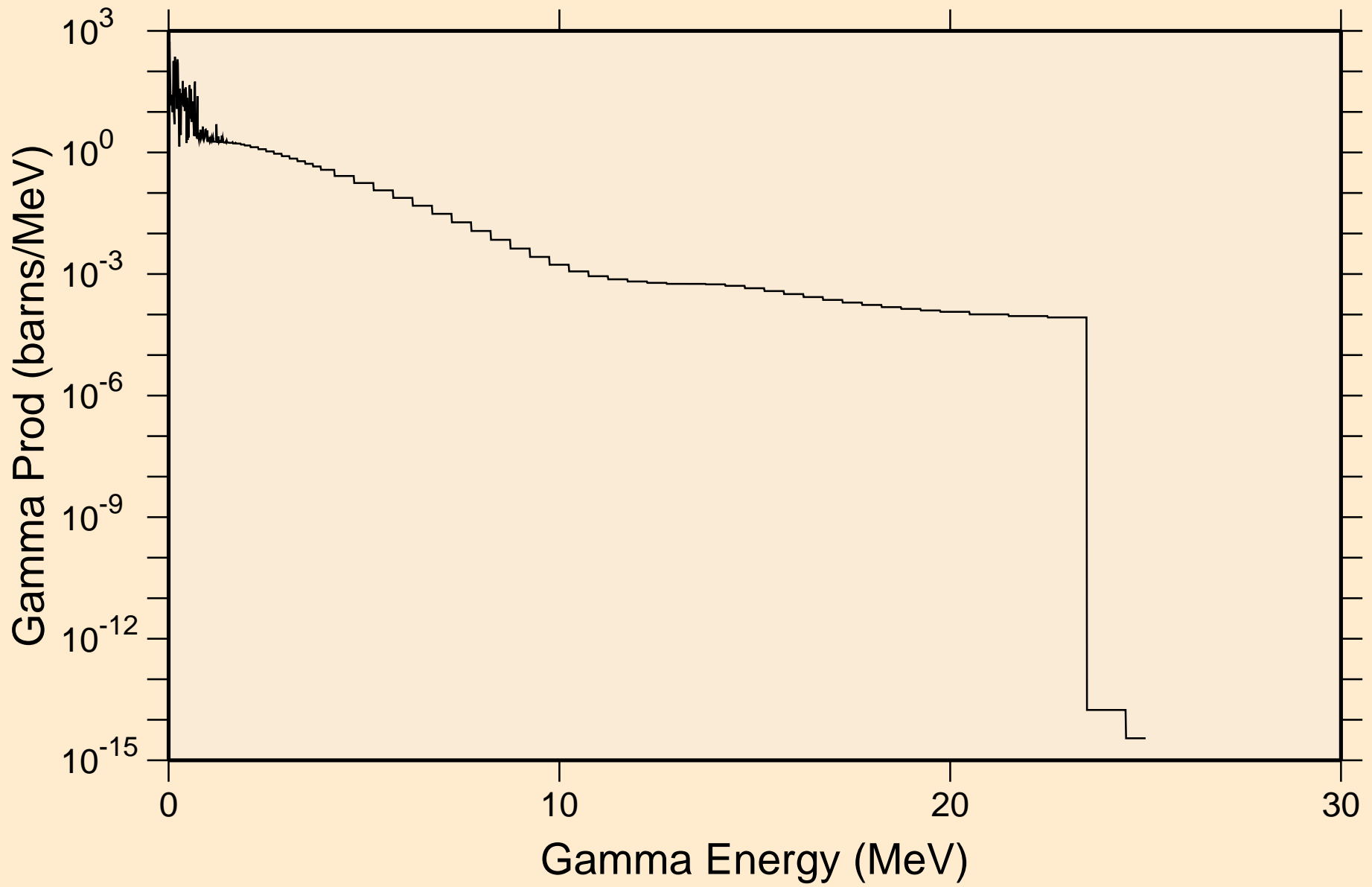
CE127M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CE127M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

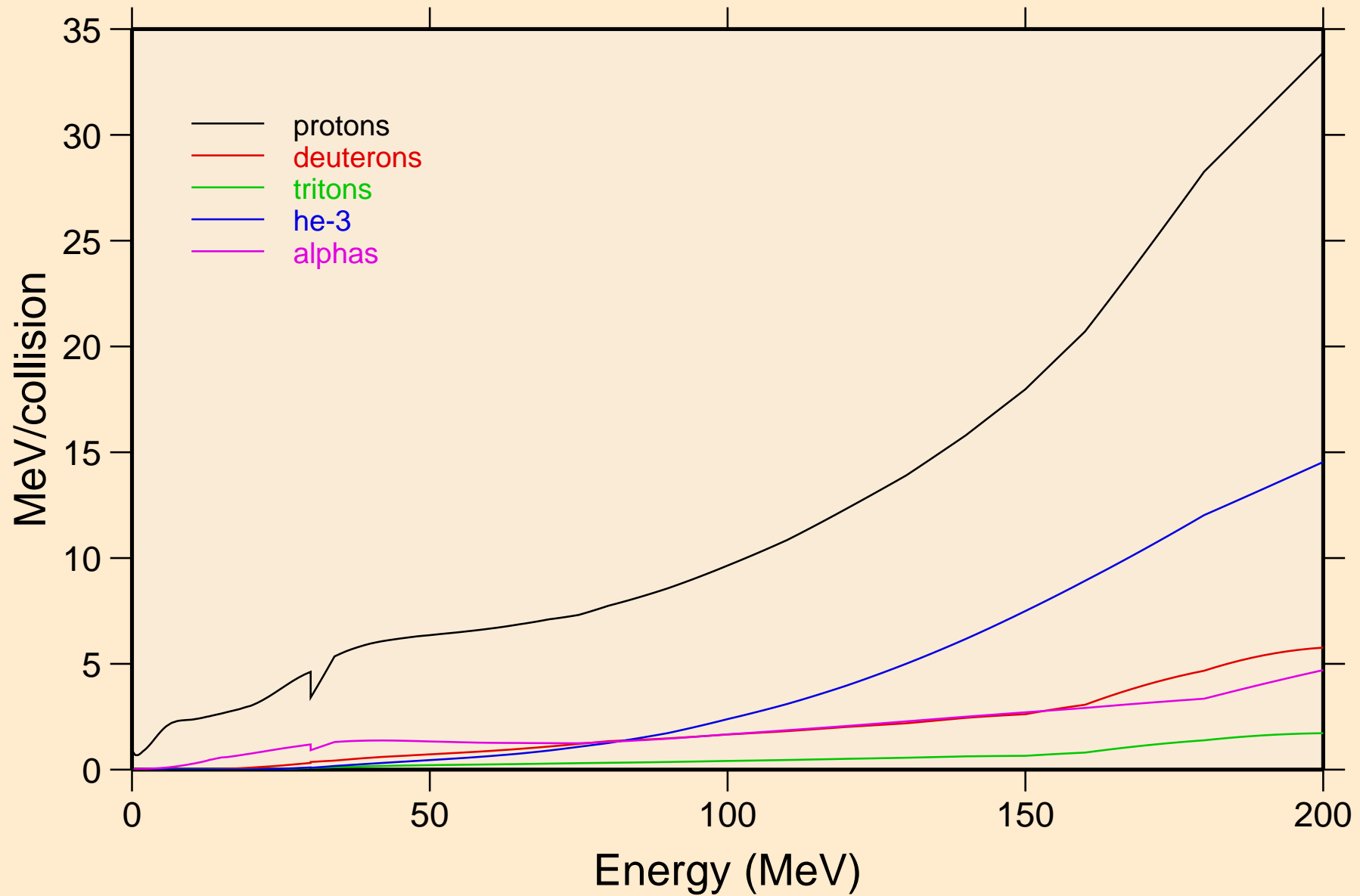


CE127M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



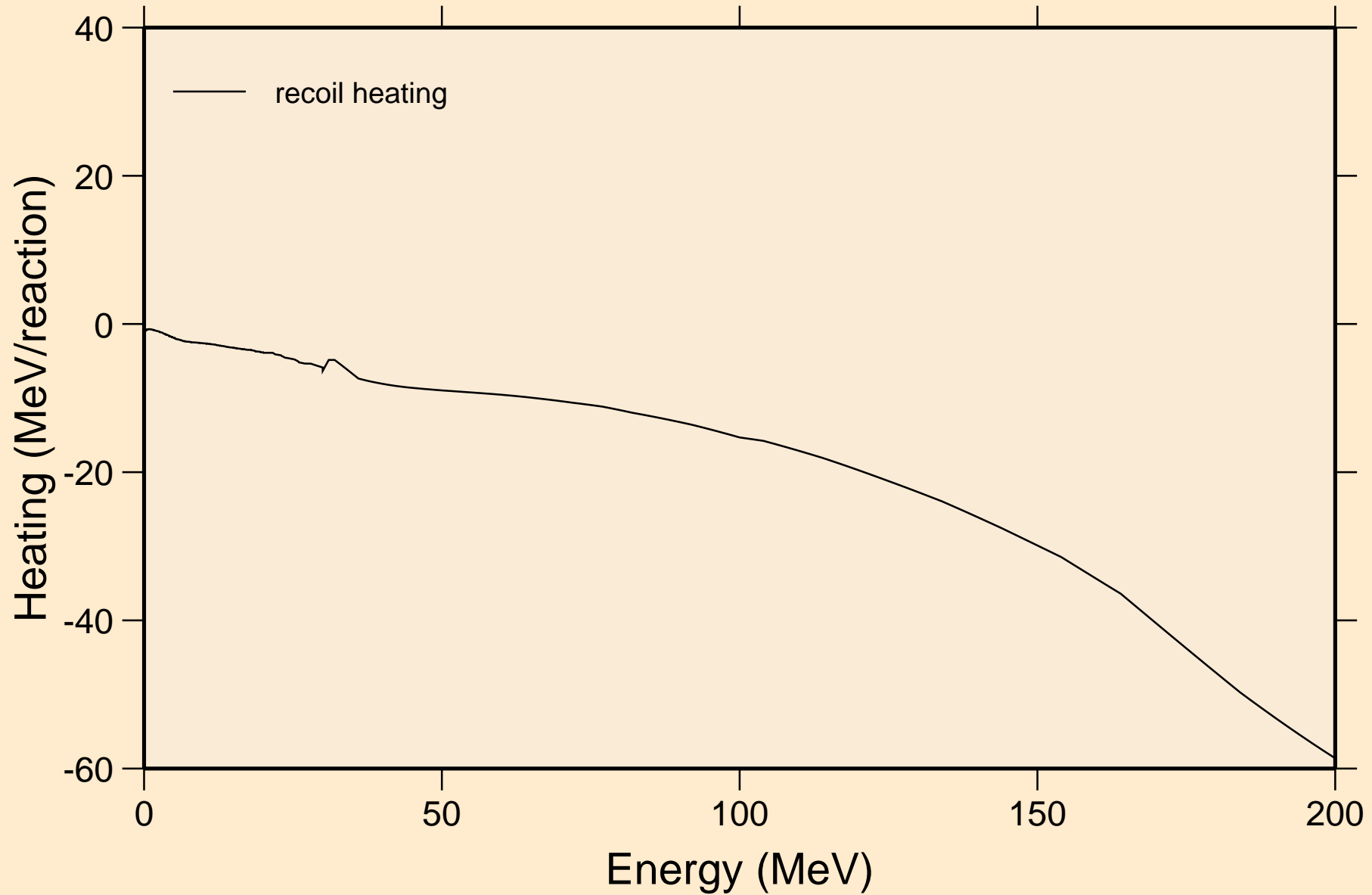
# CE127M NRG TENDL-2015, AKONING

## Particle heating contributions



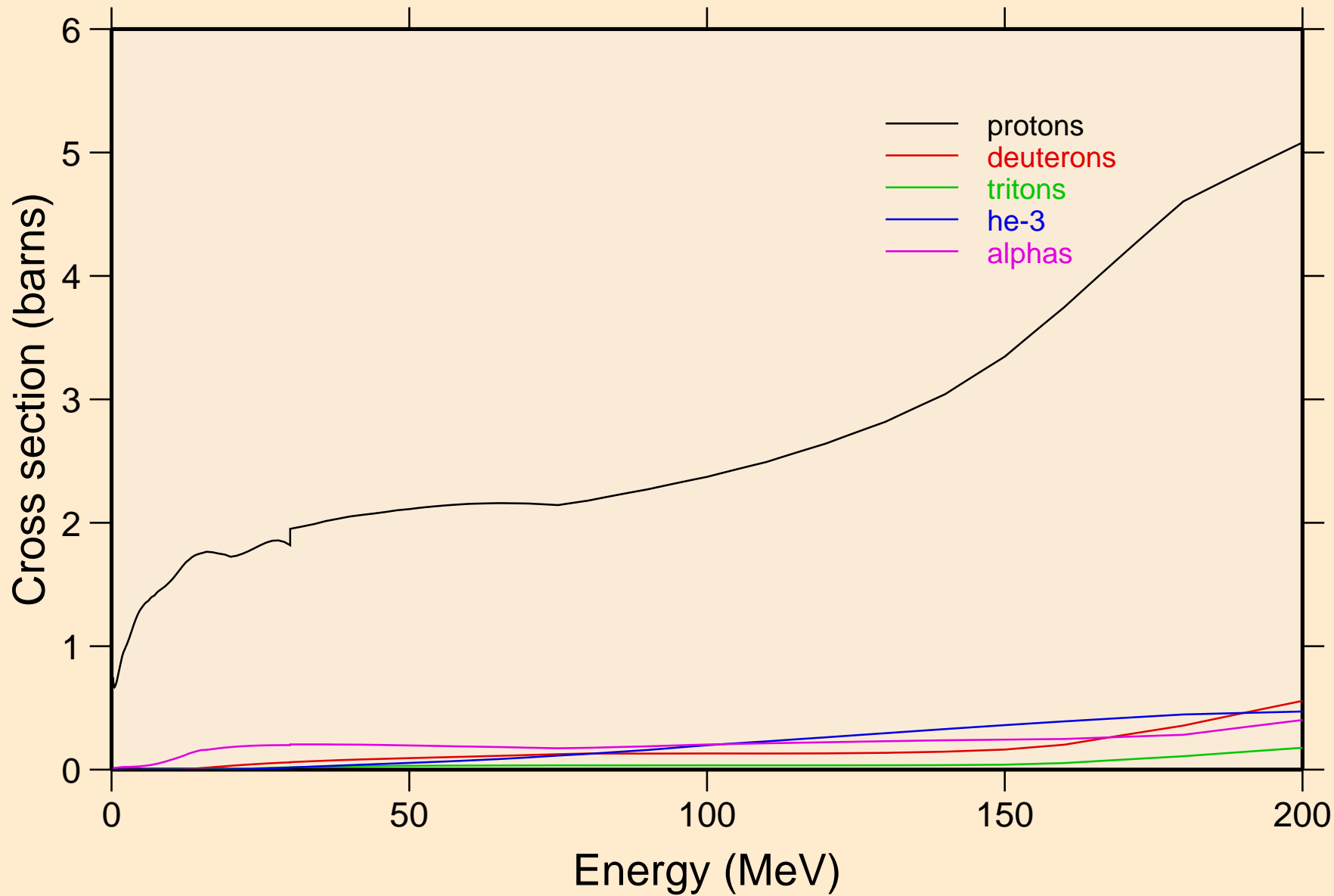
# CE127M NRG TENDL-2015, AKONING

## Recoil Heating

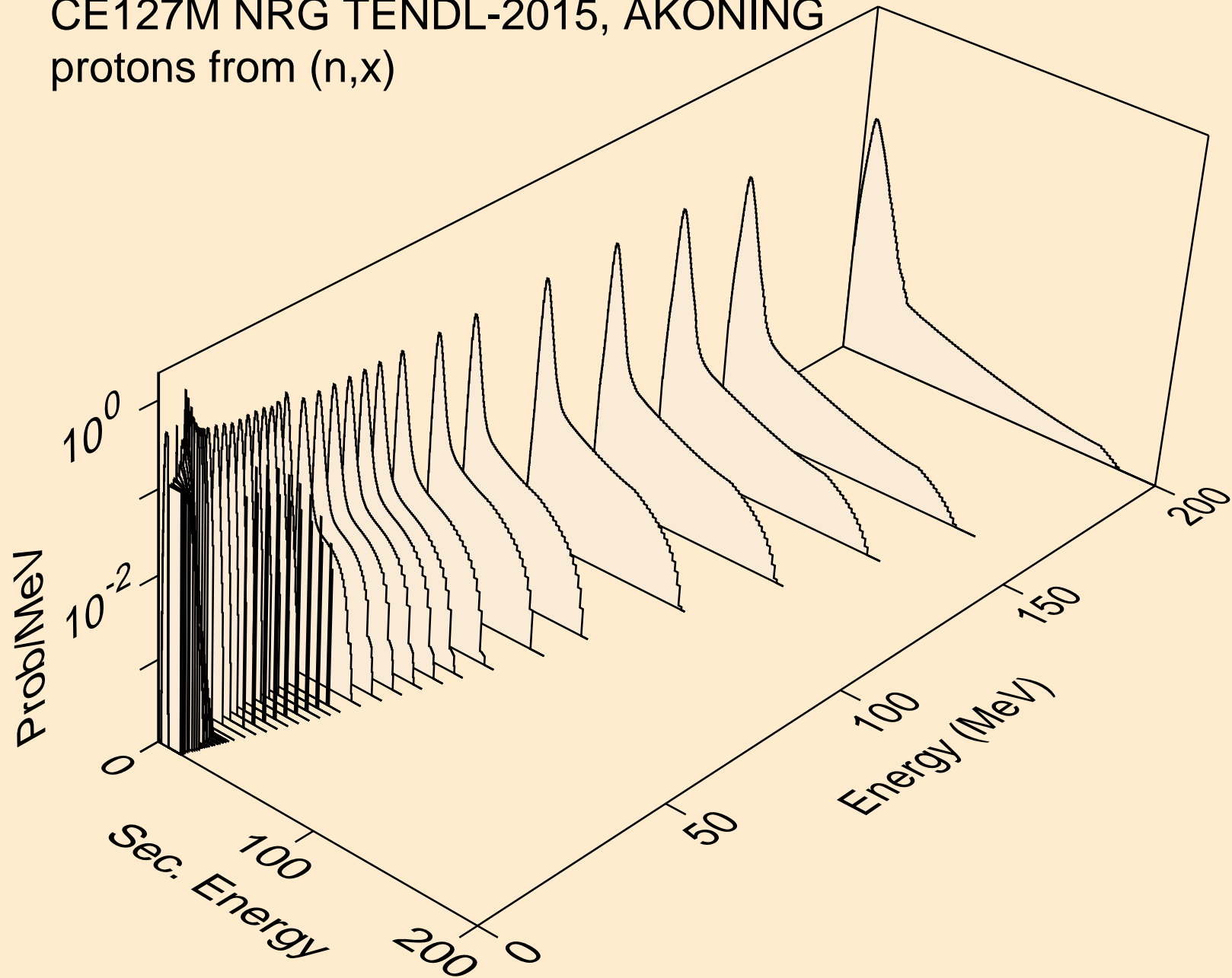


# CE127M NRG TENDL-2015, AKONING

## Particle production cross sections

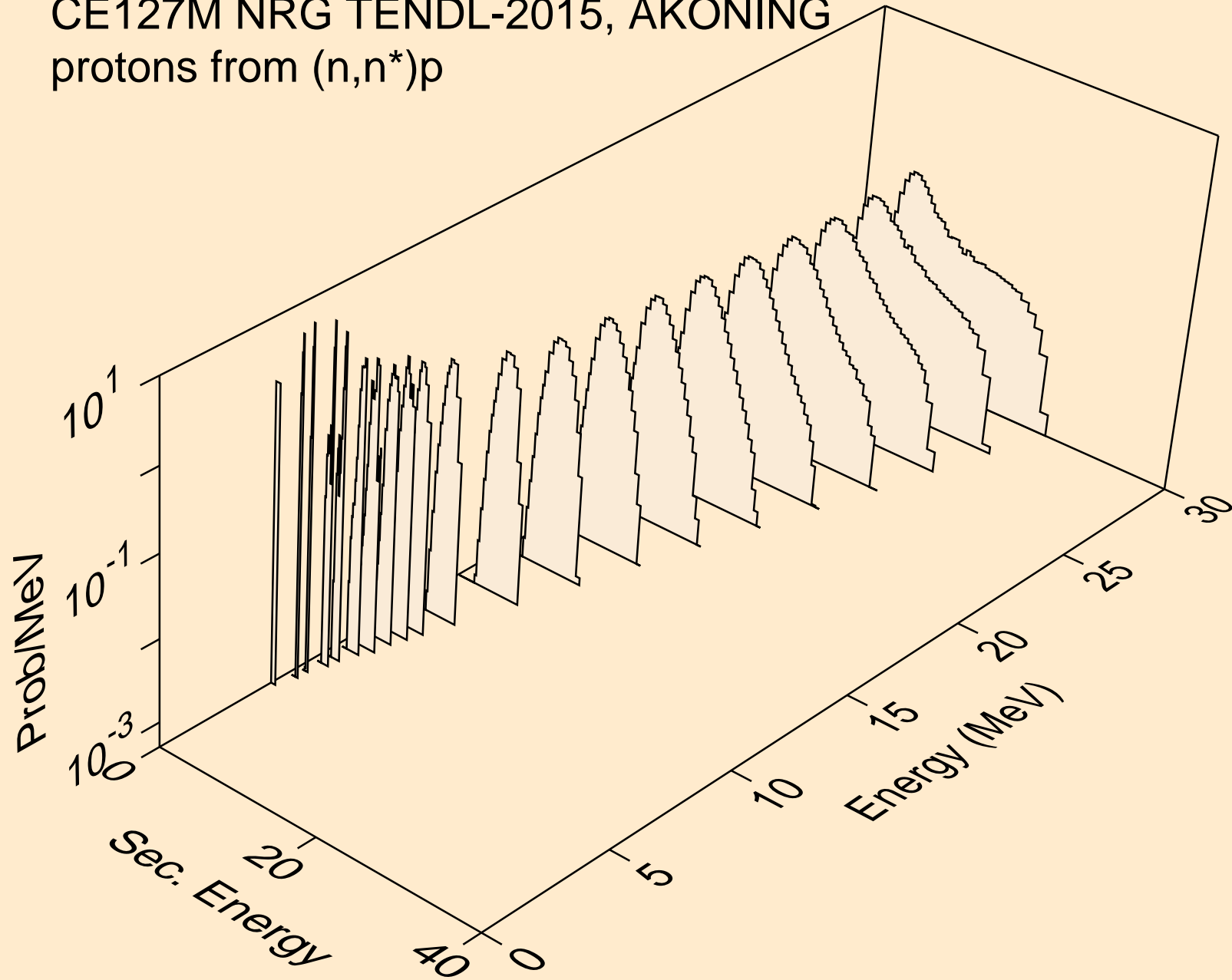


CE127M NRG TENDL-2015, AKONING  
protons from (n,x)

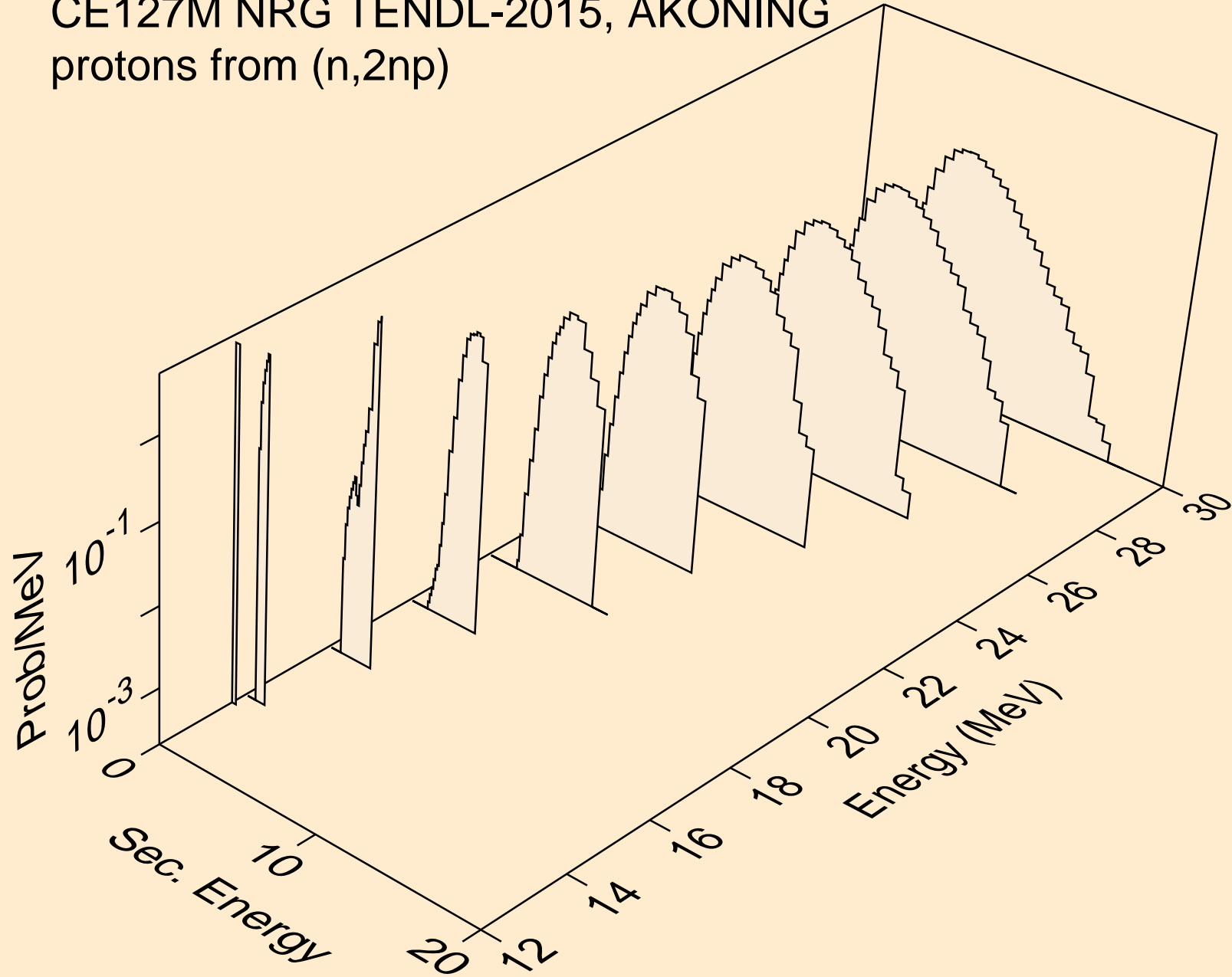




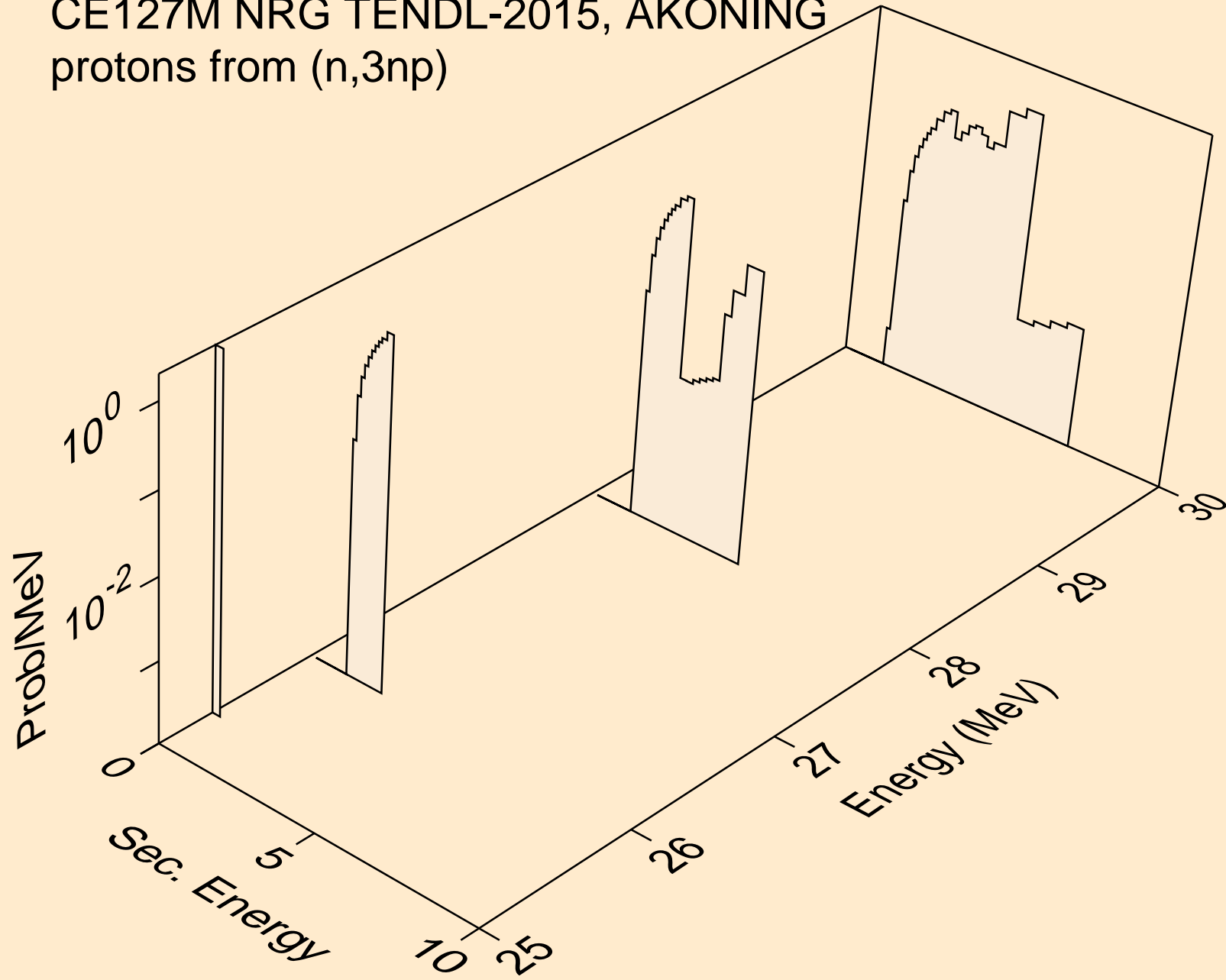
CE127M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



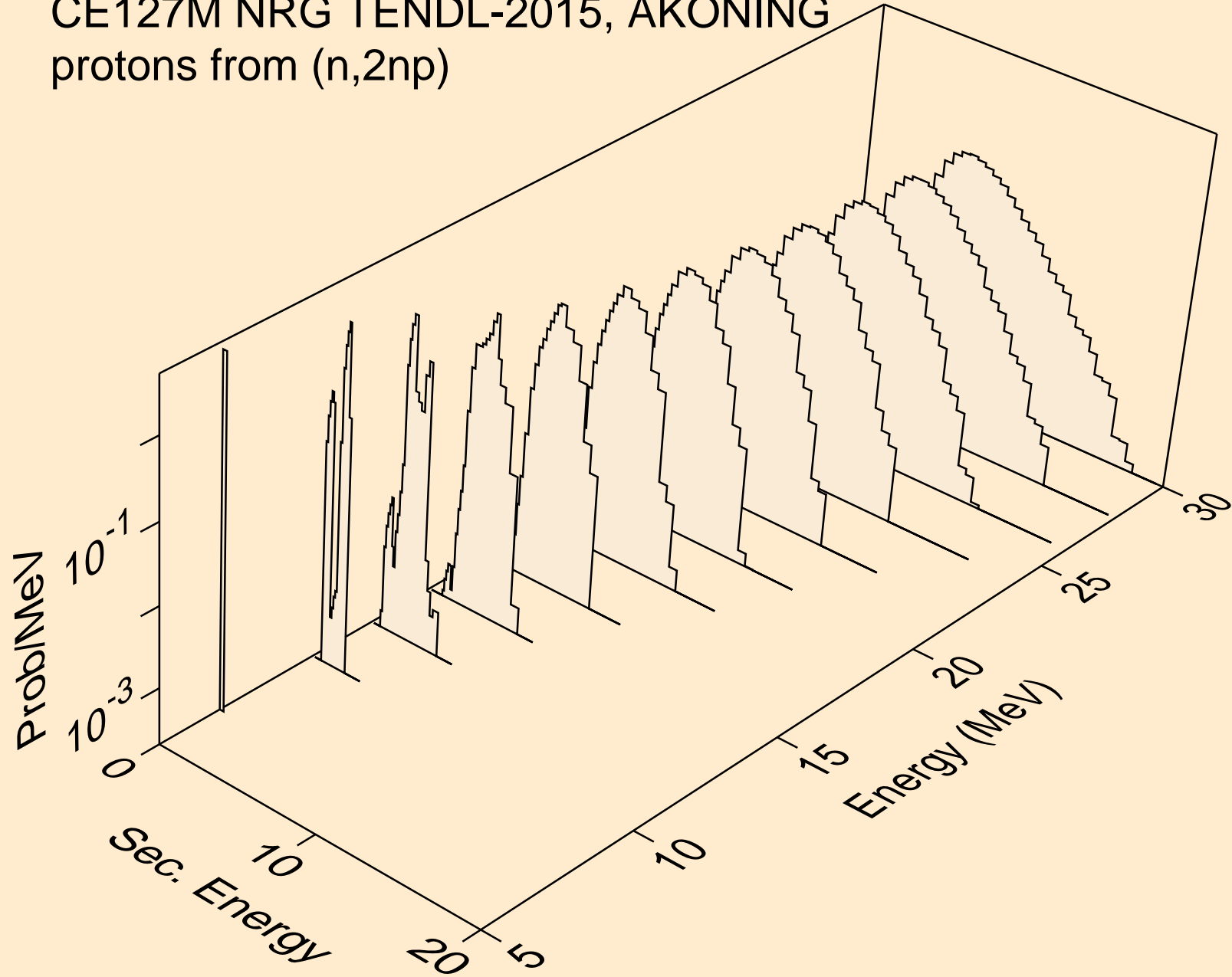
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protons from (n,2np)



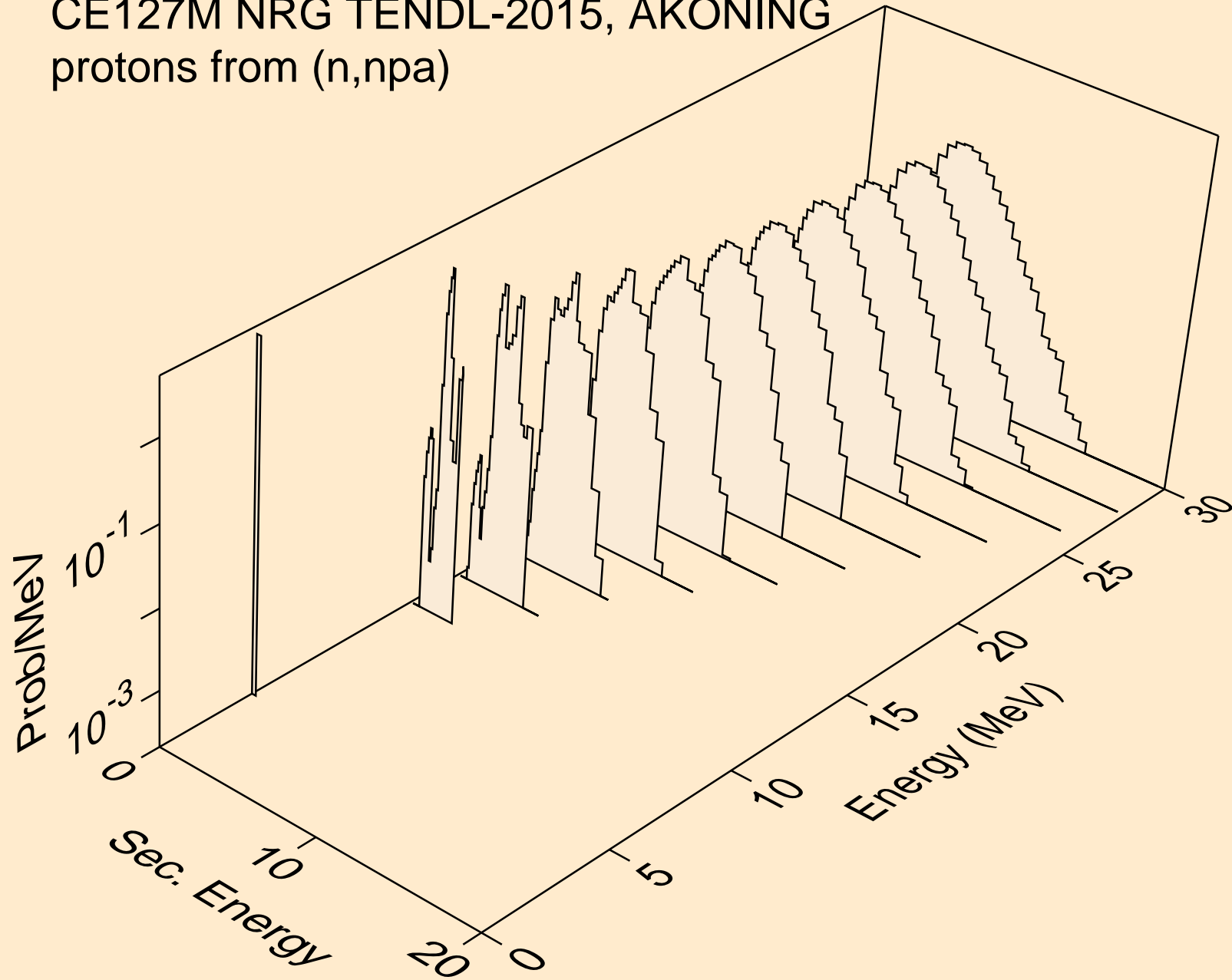
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protons from (n,3np)



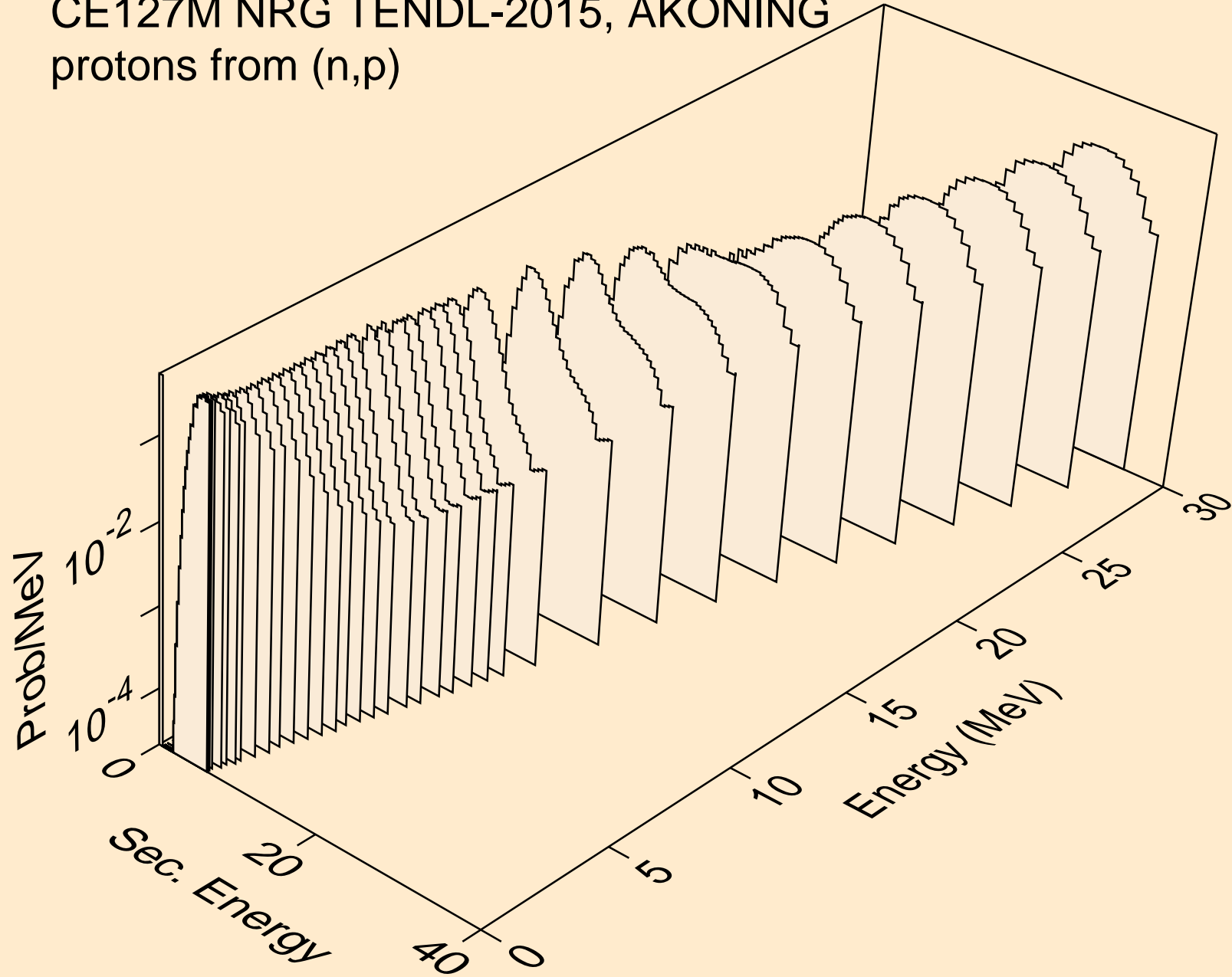
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protons from (n,2np)



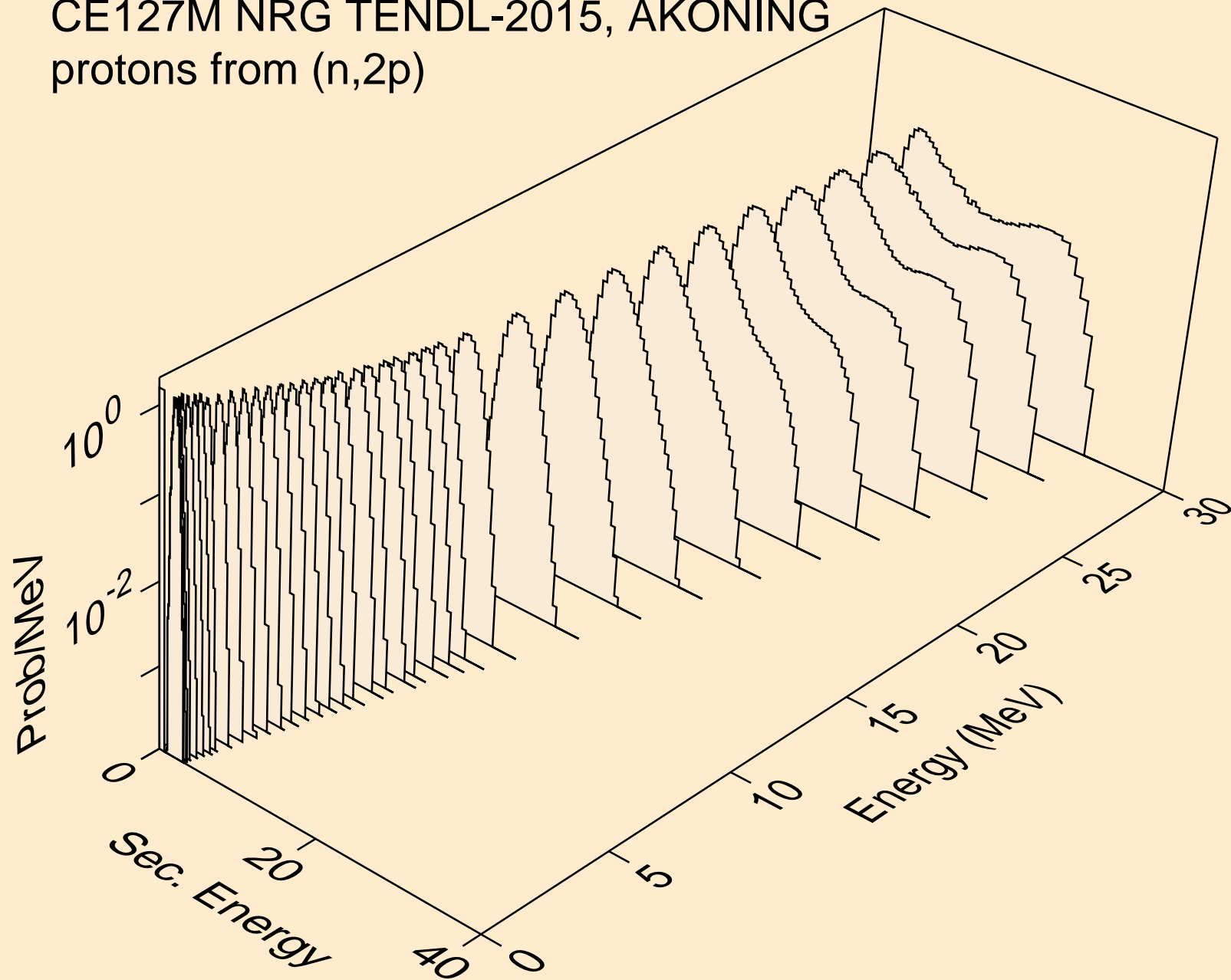
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protons from (n,npa)



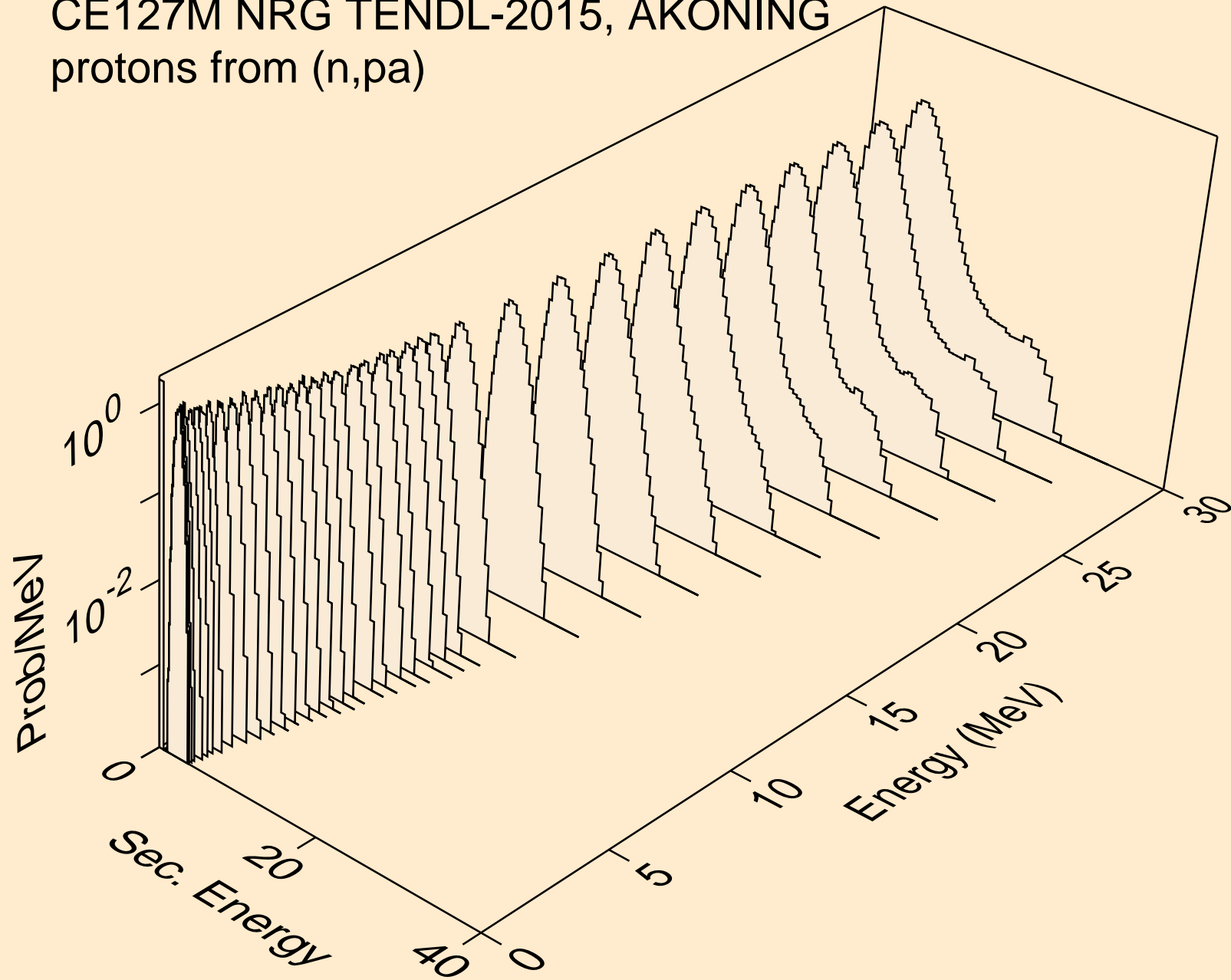
CE127M NRG TENDL-2015, AKONING  
protons from (n,p)



CE127M NRG TENDL-2015, AKONING  
protons from (n,2p)

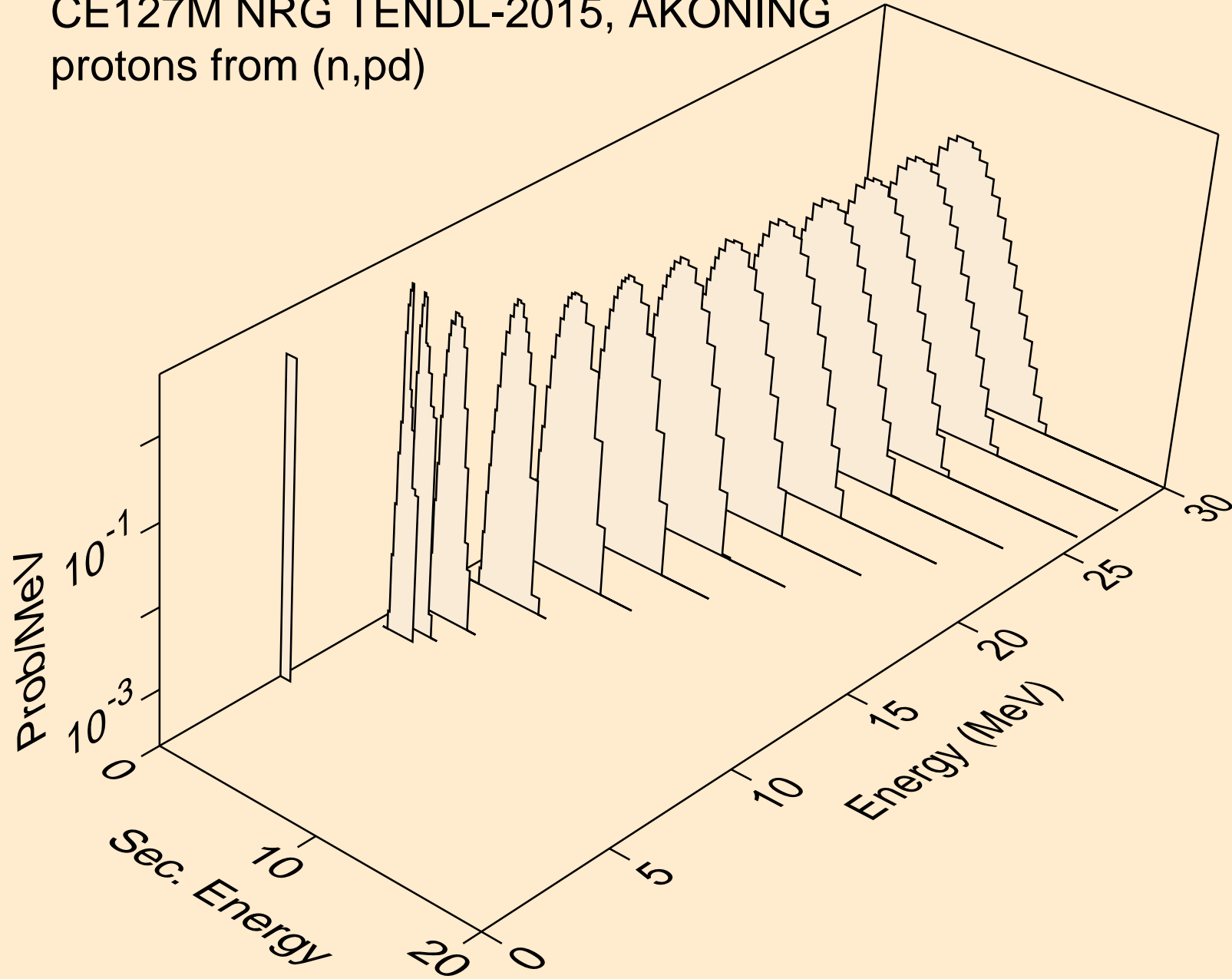


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protons from (n,pa)

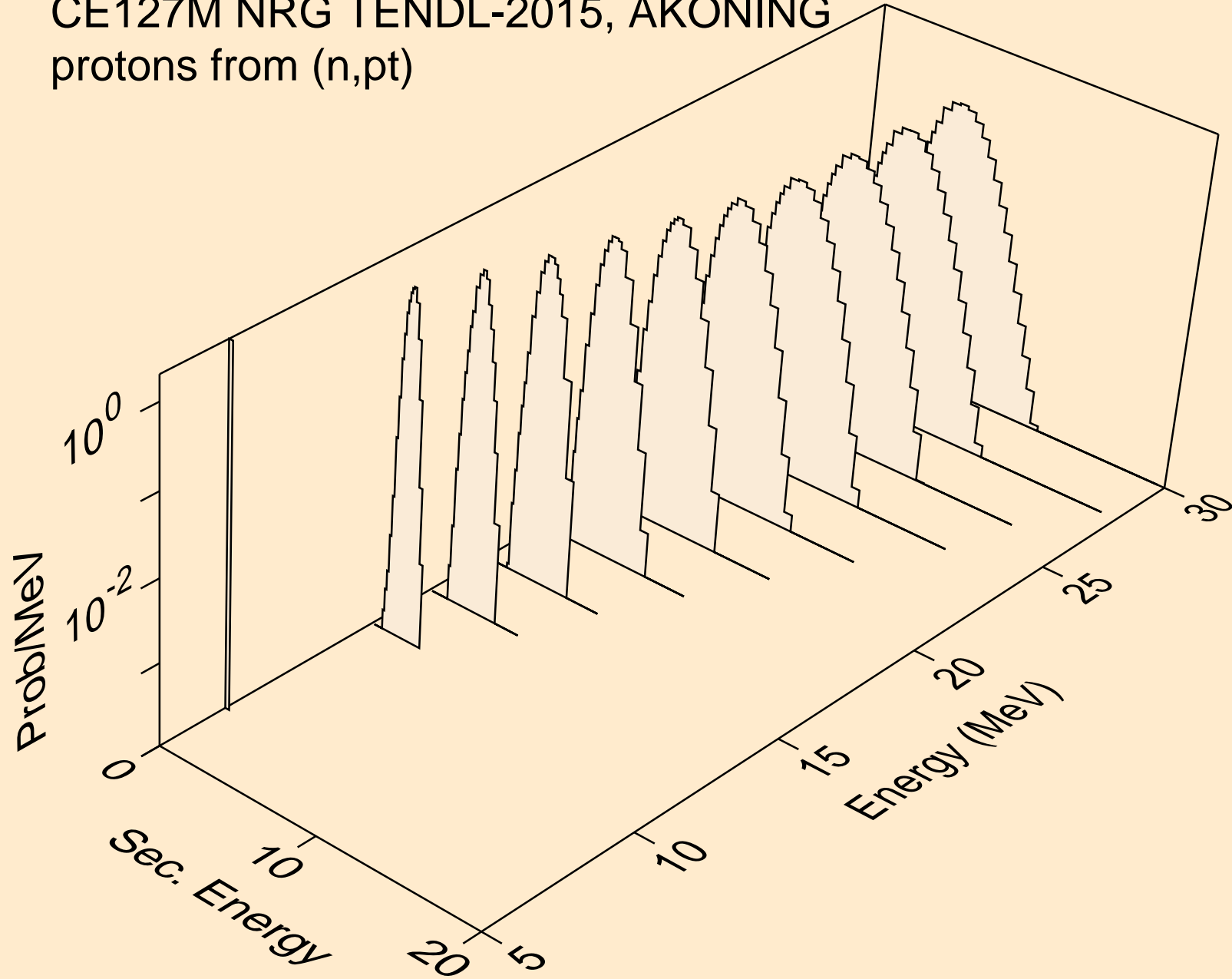




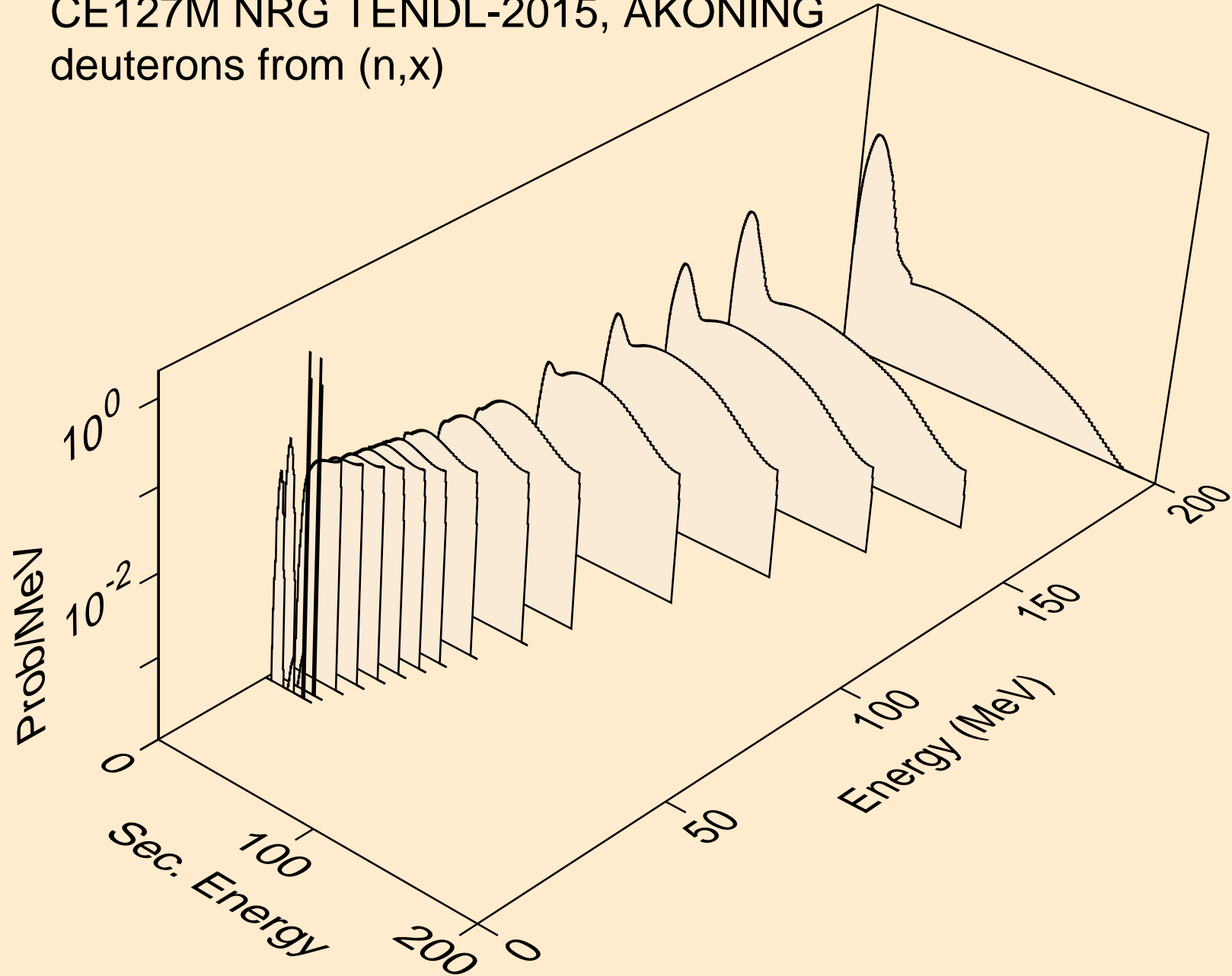
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protons from (n,pd)



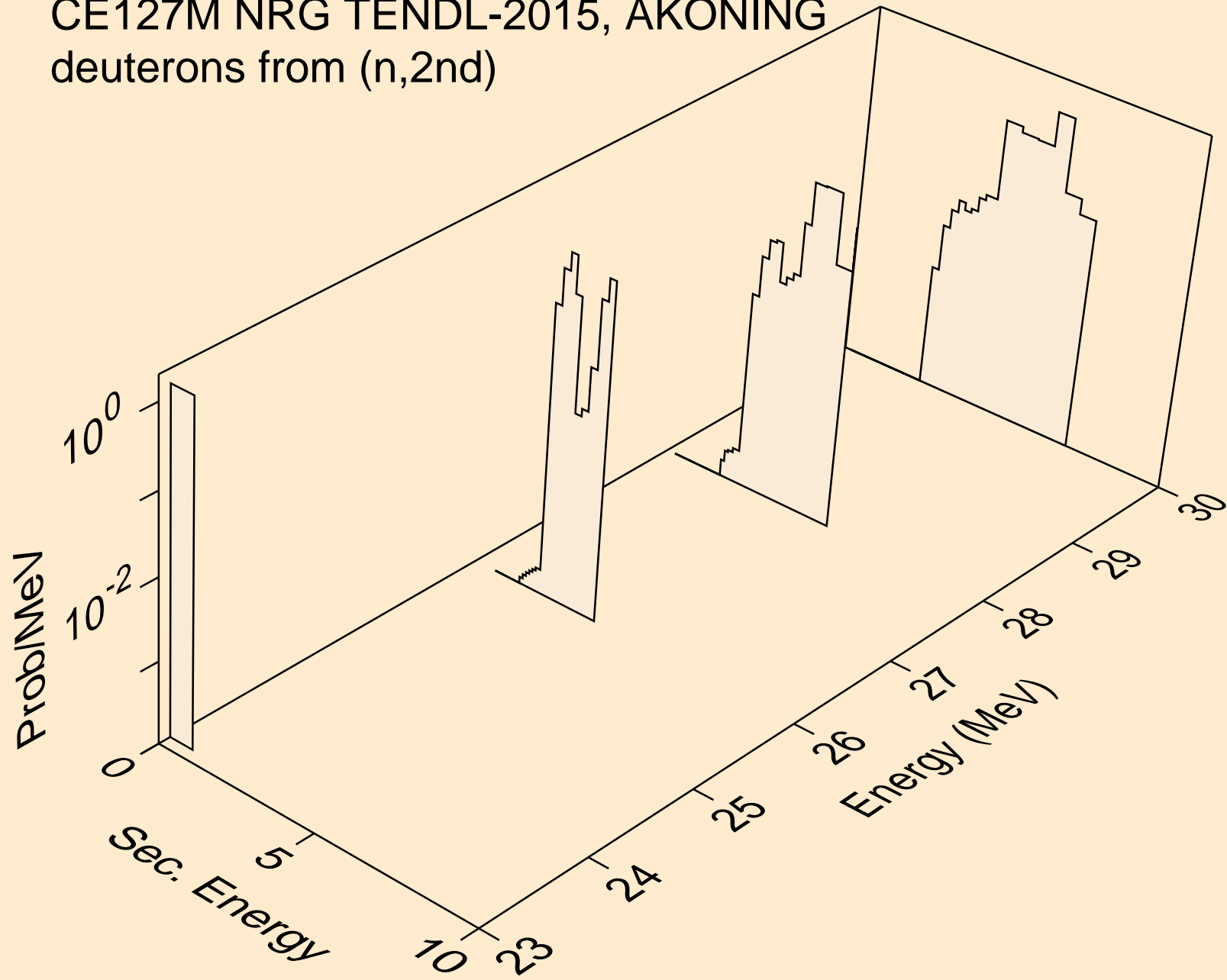
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protons from (n,pt)



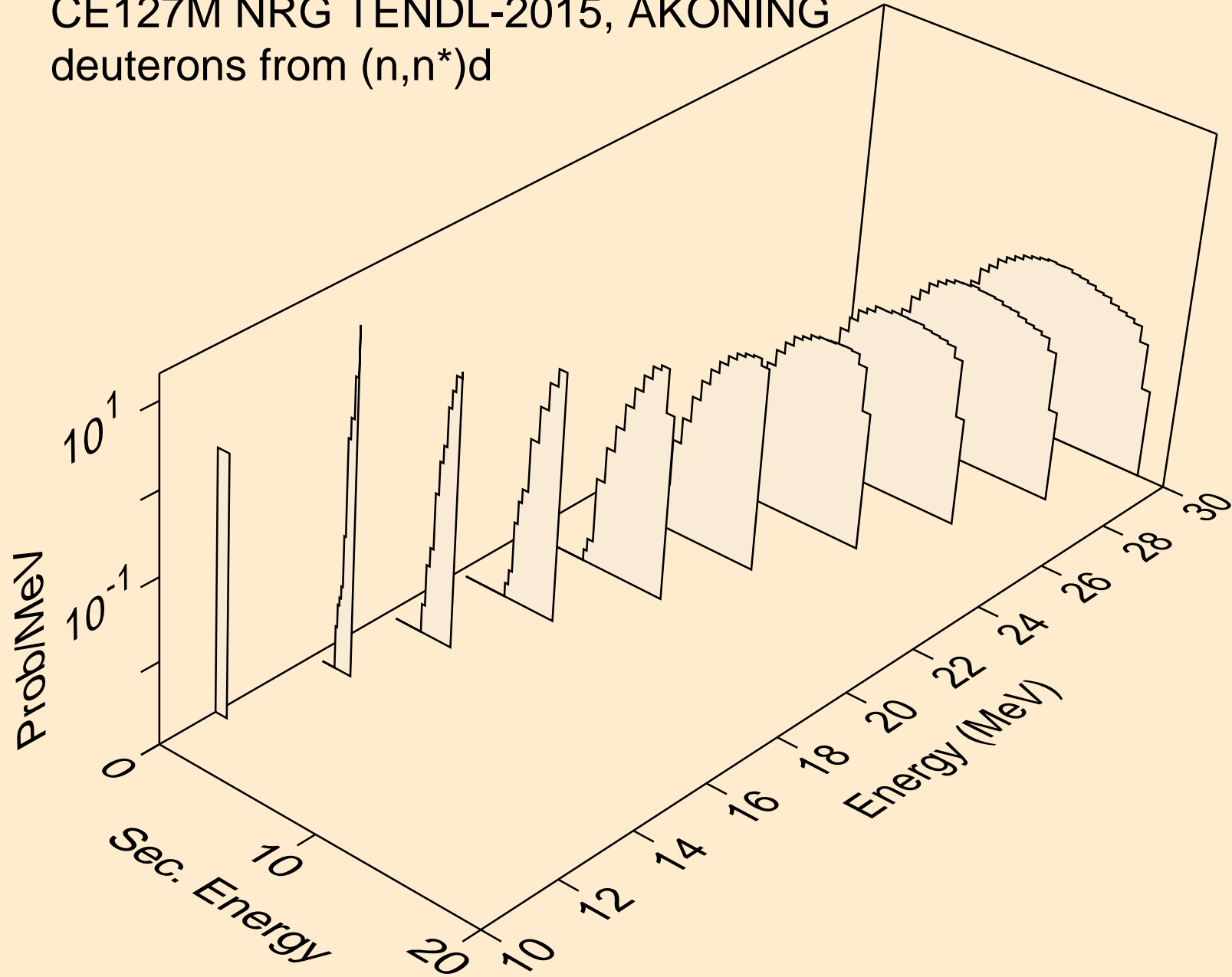
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deuterons from (n,x)



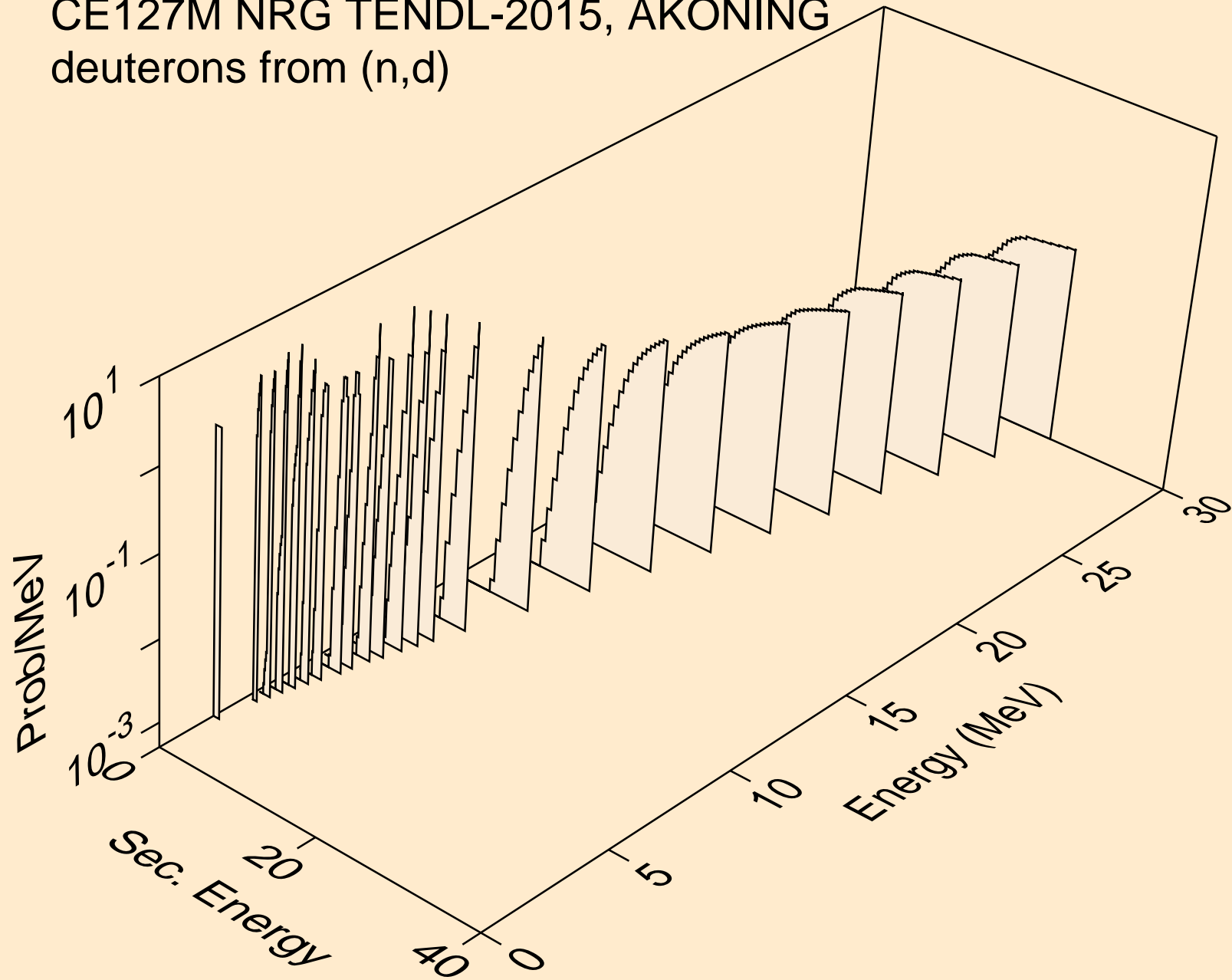
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deuterons from (n,2nd)



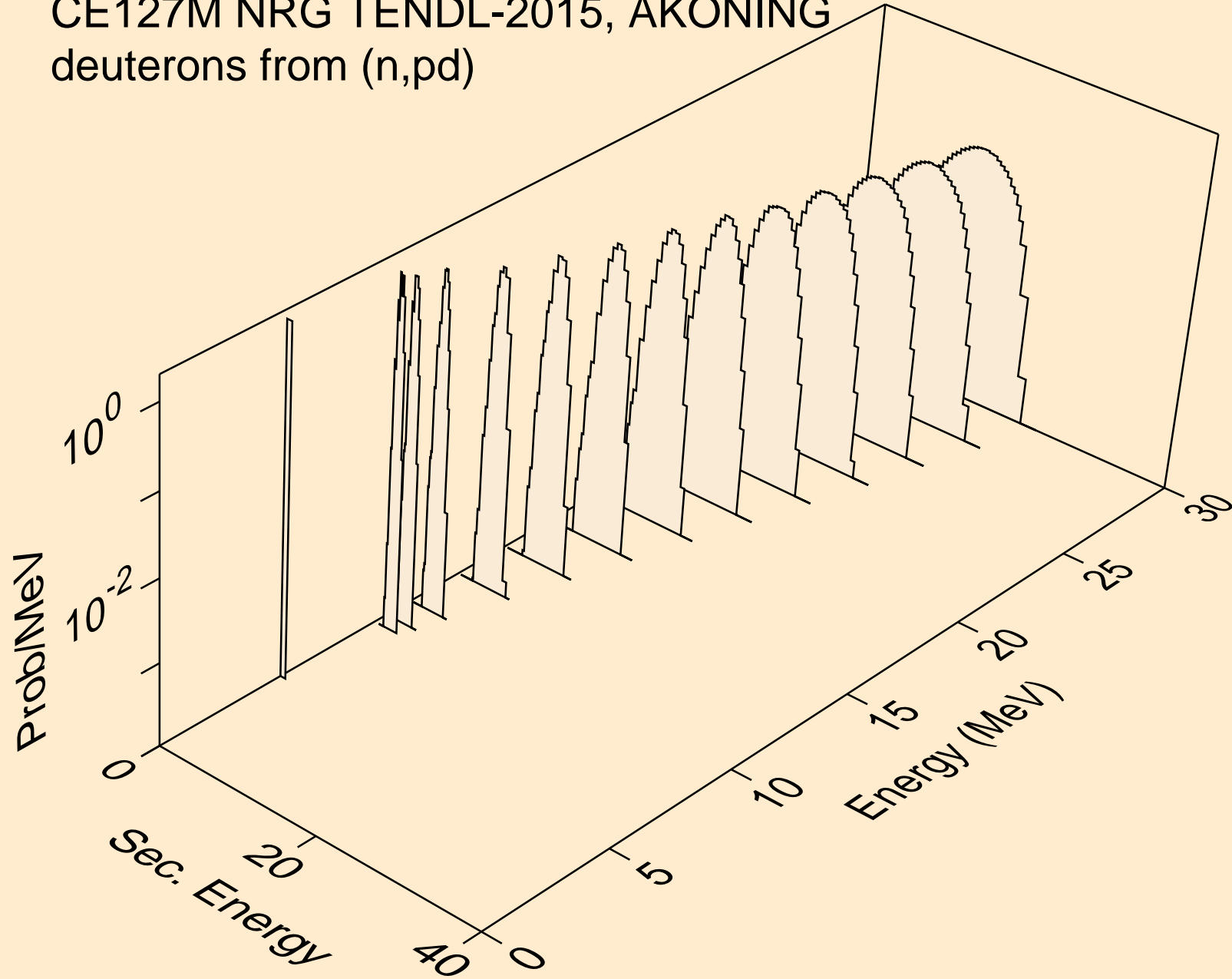
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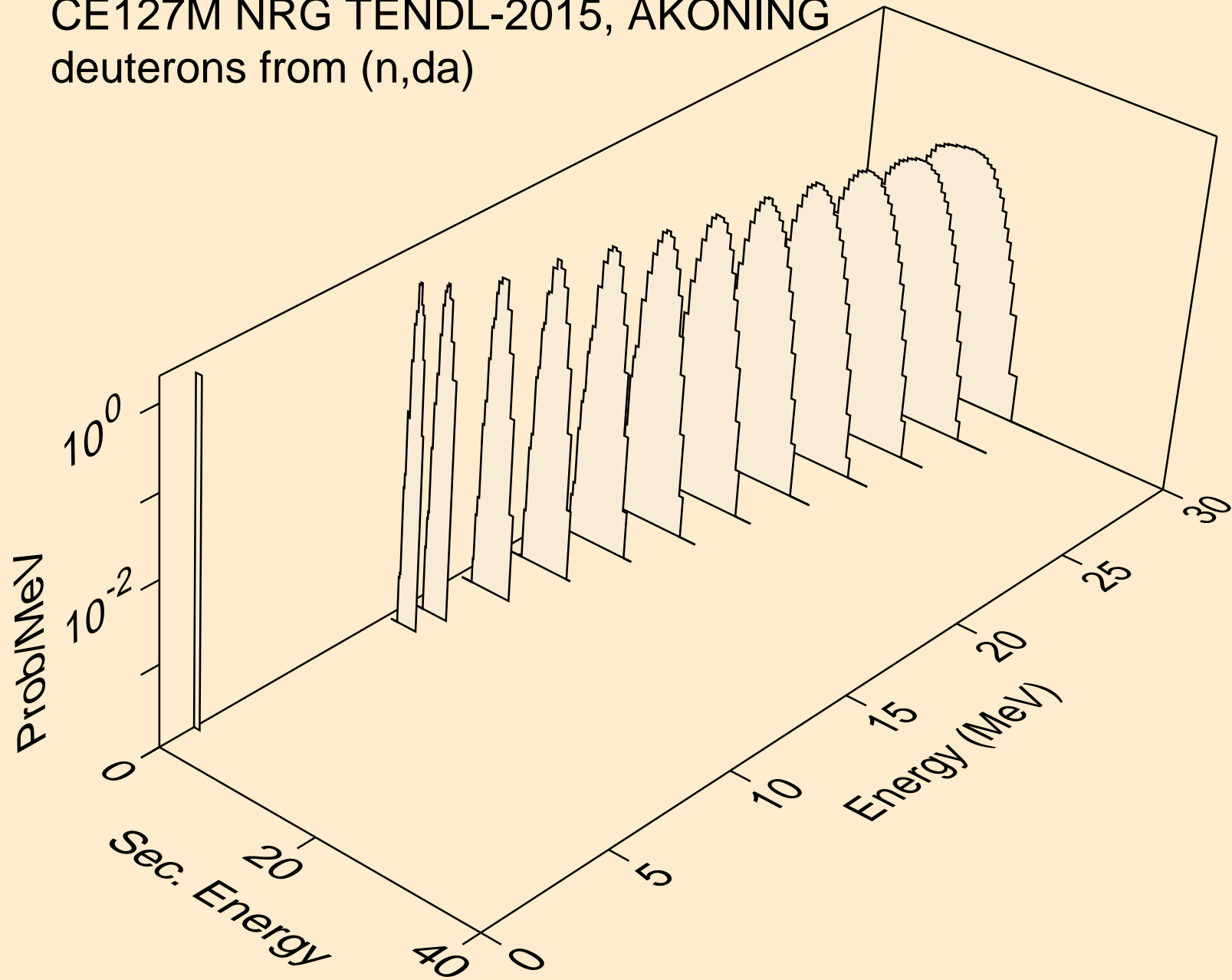
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deuterons from (n,d)



CE127M NRG TENDL-2015, AKONING  
deuterons from (n,pd)

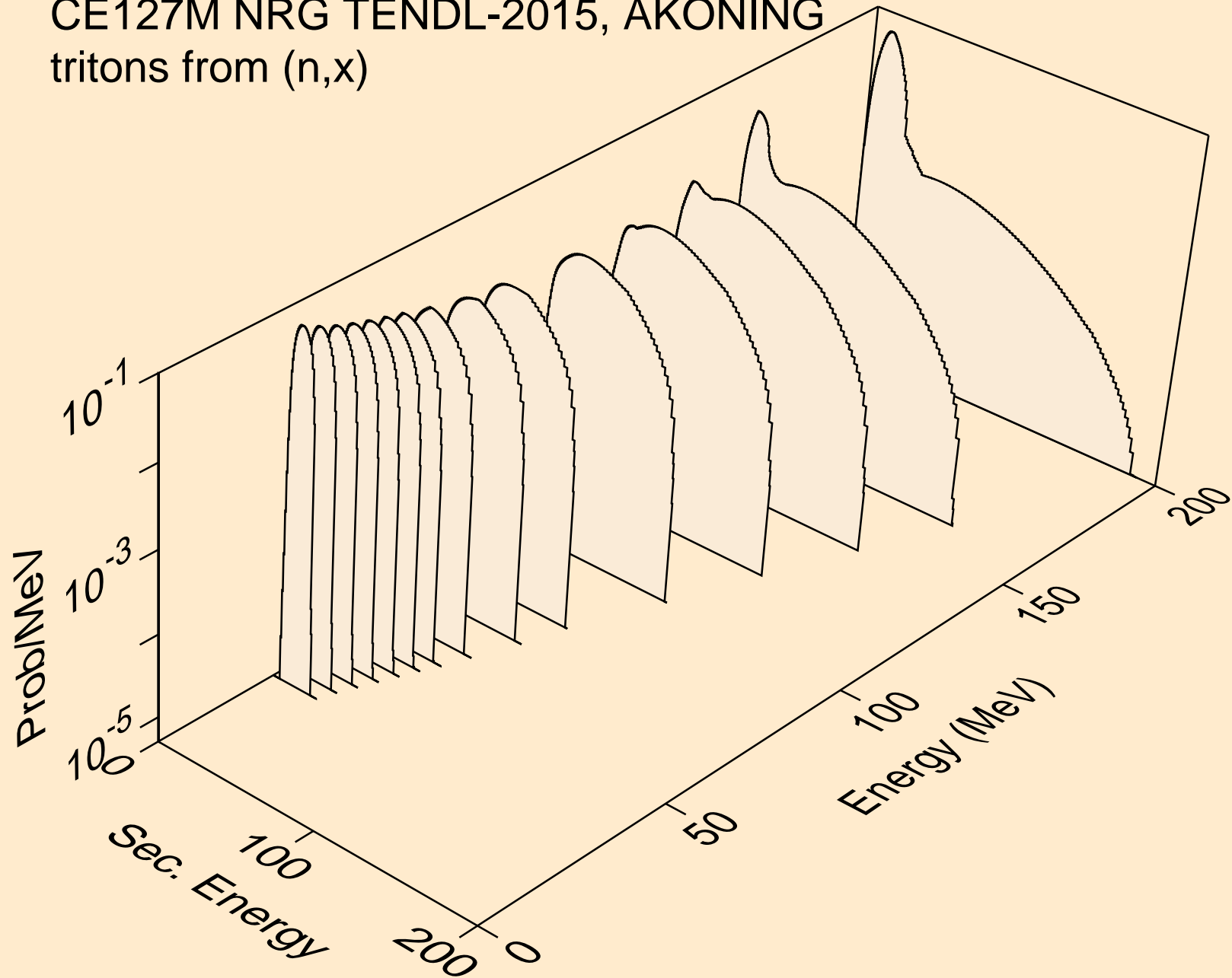


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deuterons from (n,da)

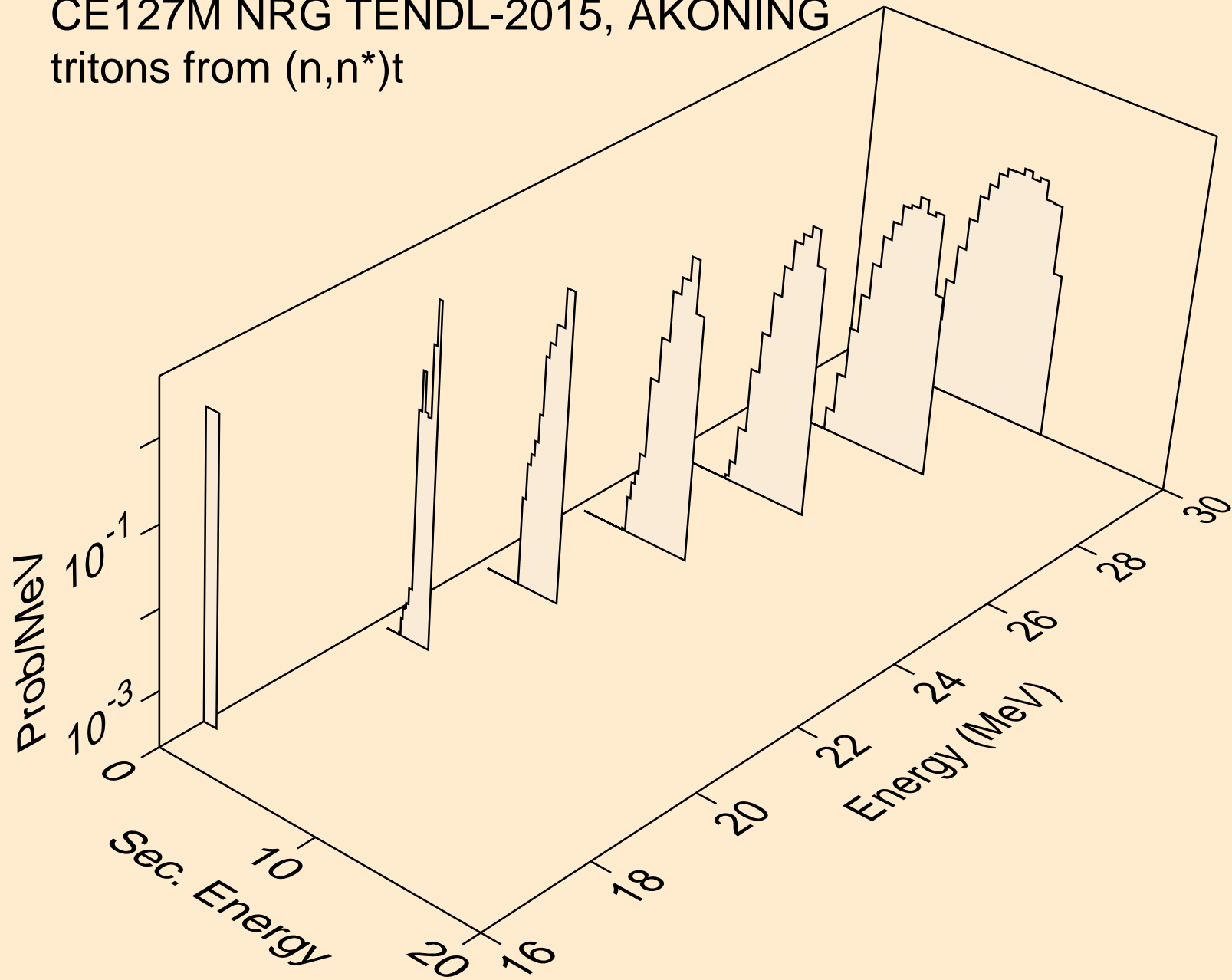




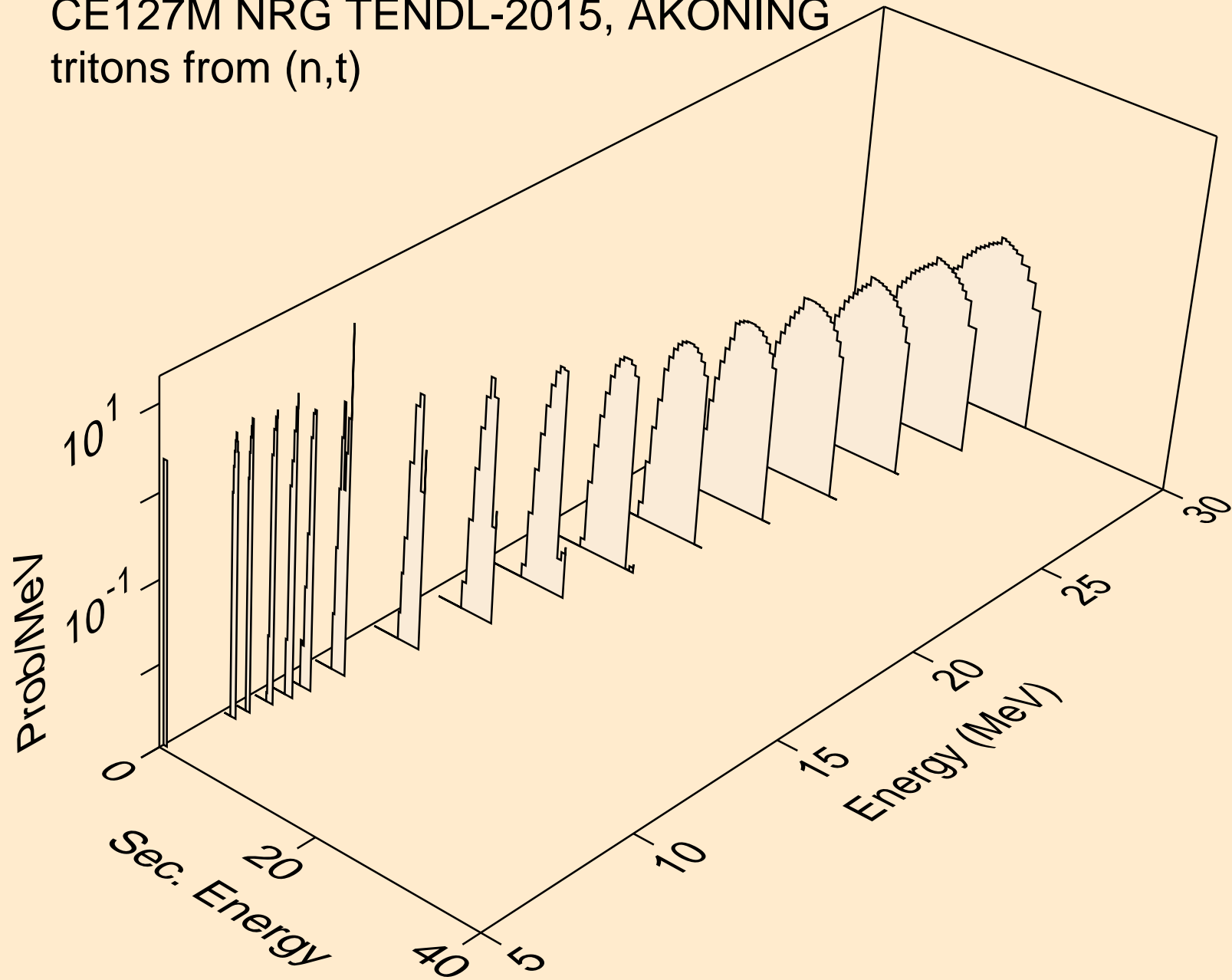
CE127M NRG TENDL-2015, AKONING  
tritons from (n,x)



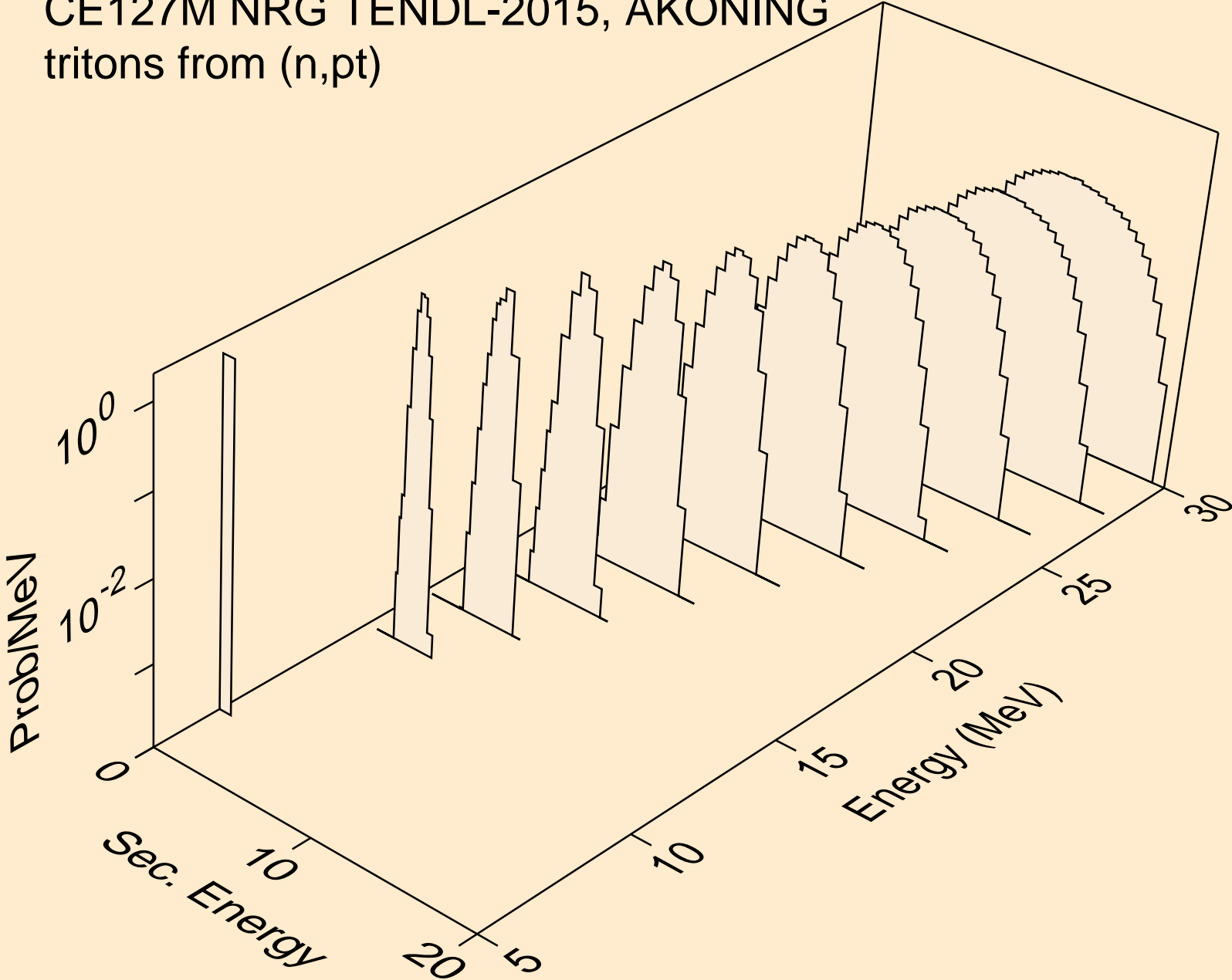
CE127M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



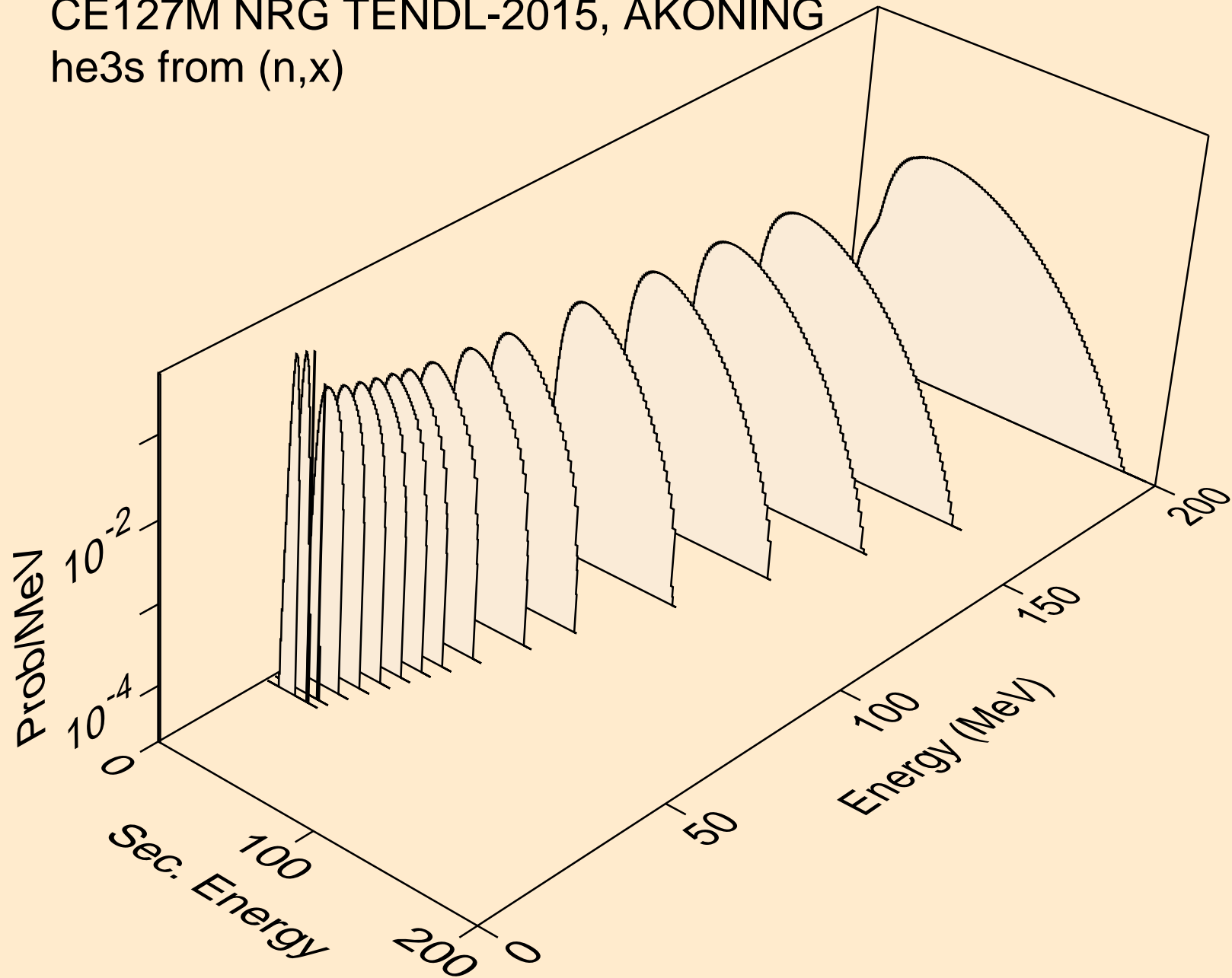
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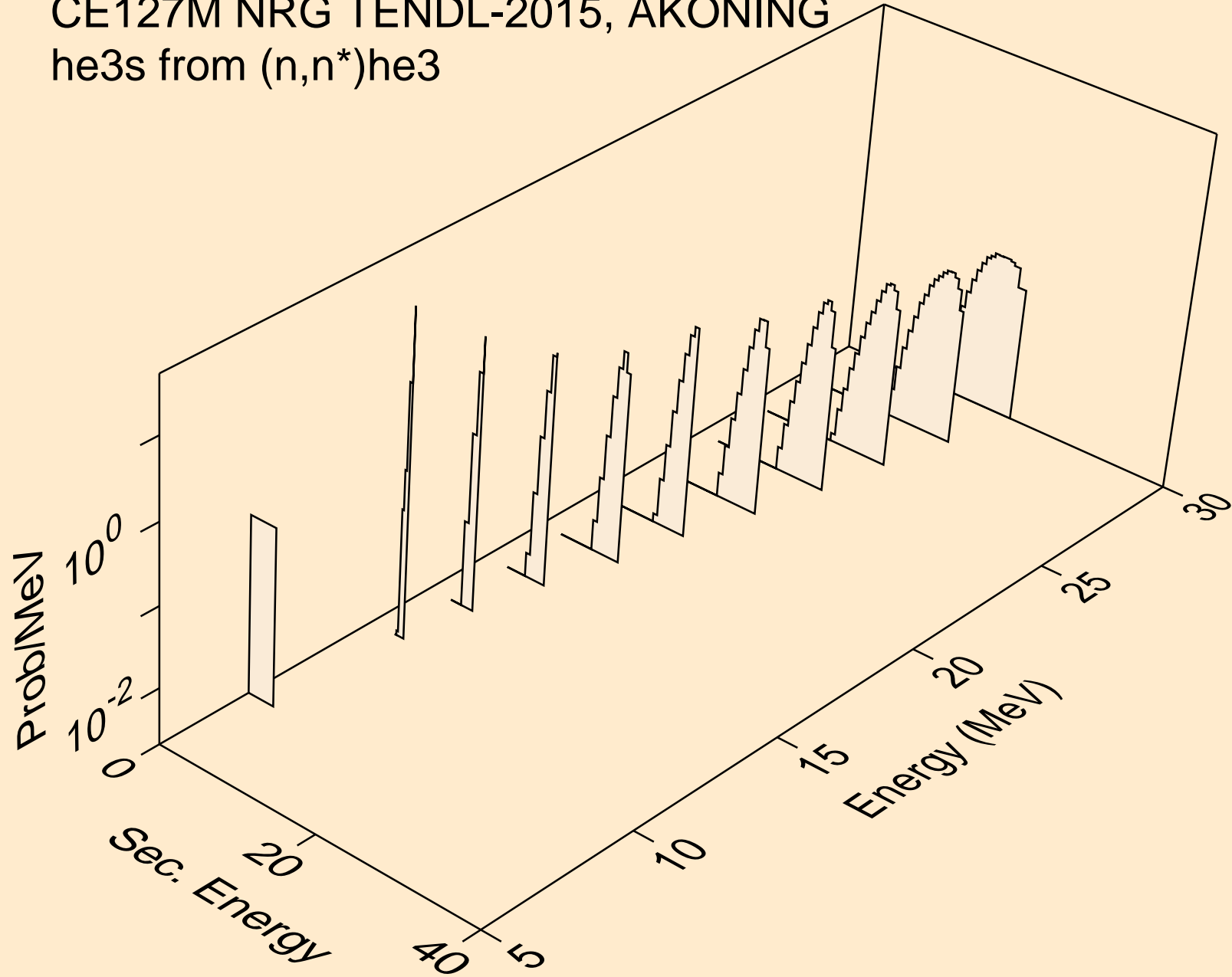
CE127M NRG TENDL-2015, AKONING  
tritons from (n,pt)



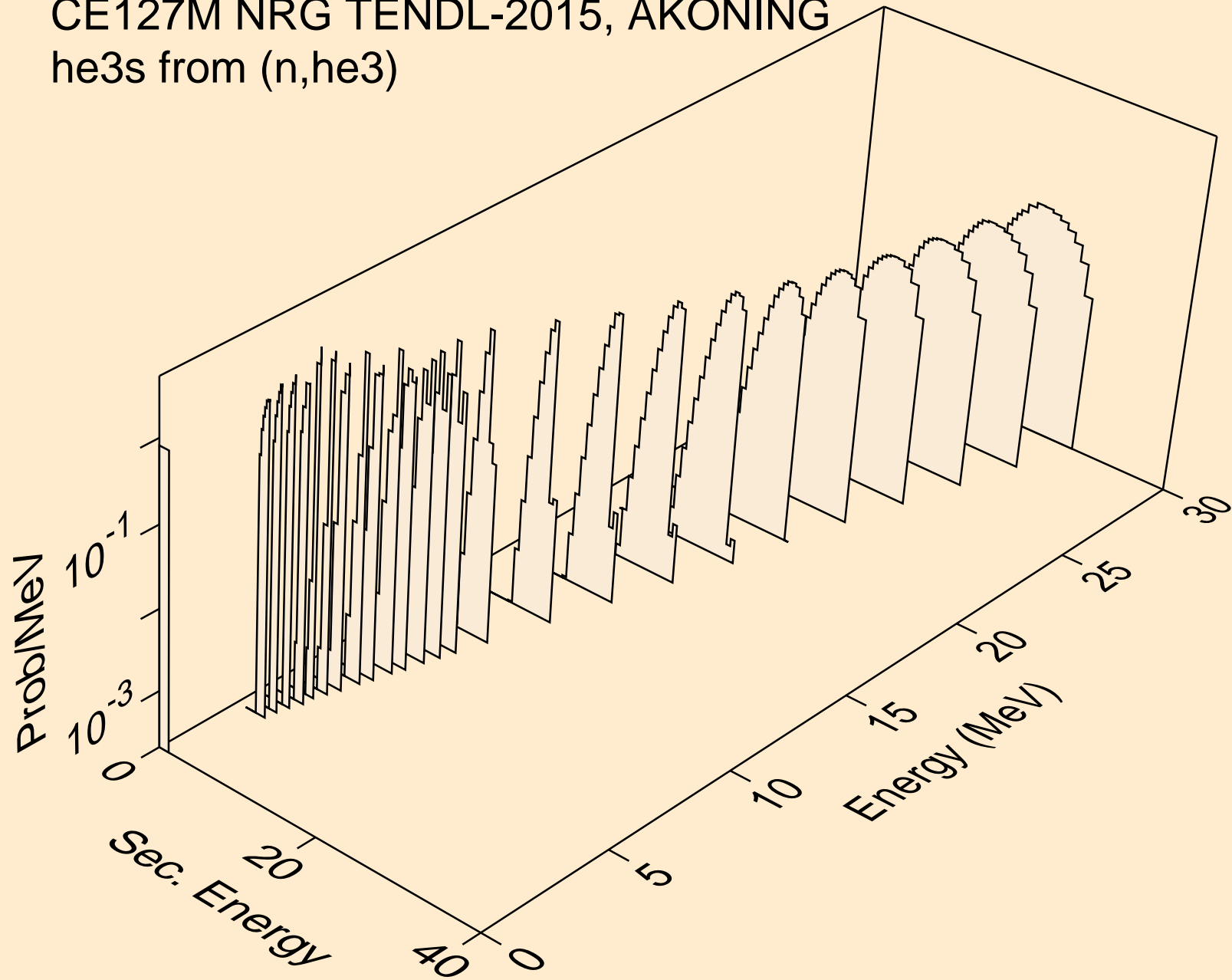
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he3s from (n,x)



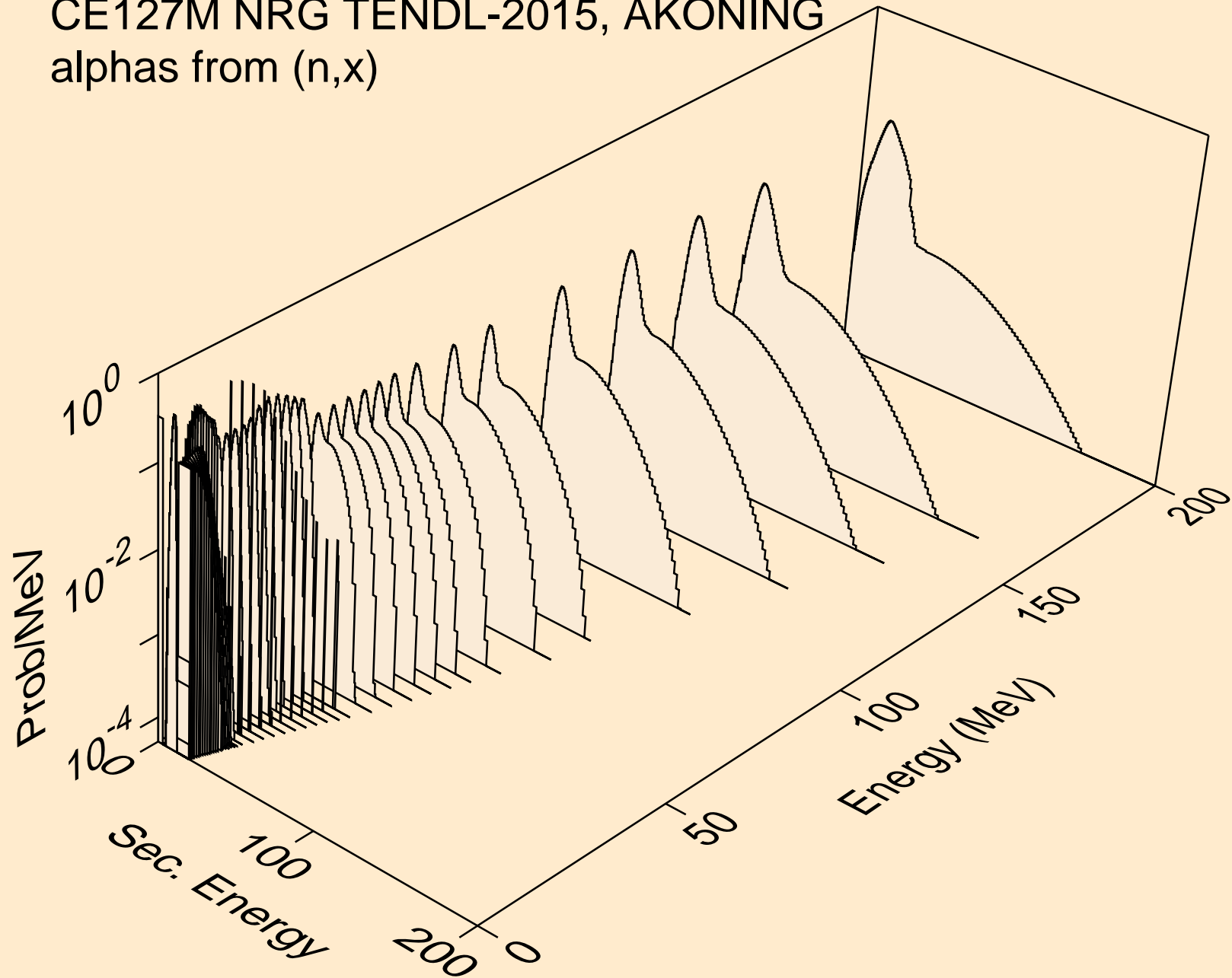
CE127M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



CE127M NRG TENDL-2015, AKONING  
he3s from (n,he3)

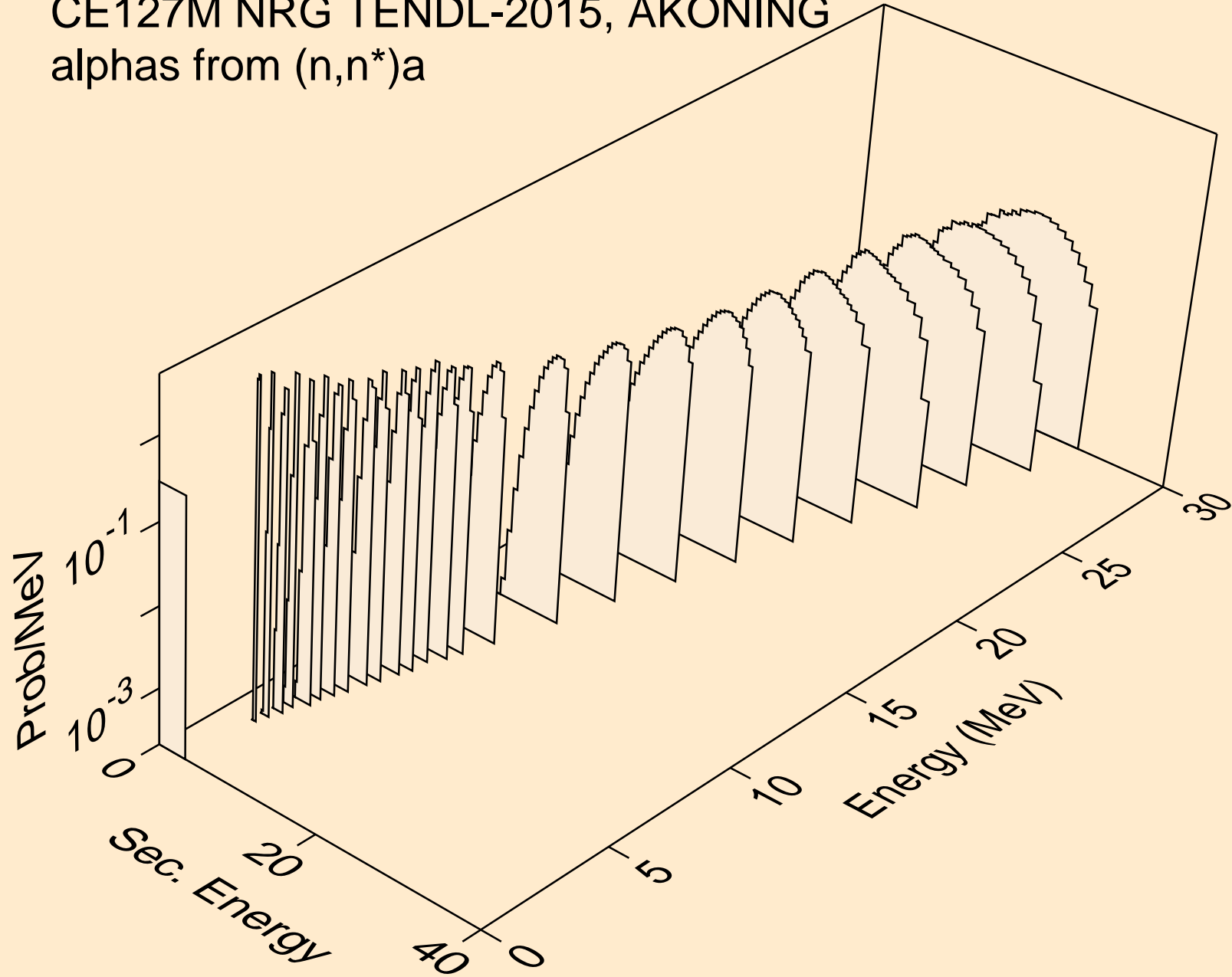


CE127M NRG TENDL-2015, AKONING  
alphas from (n,x)

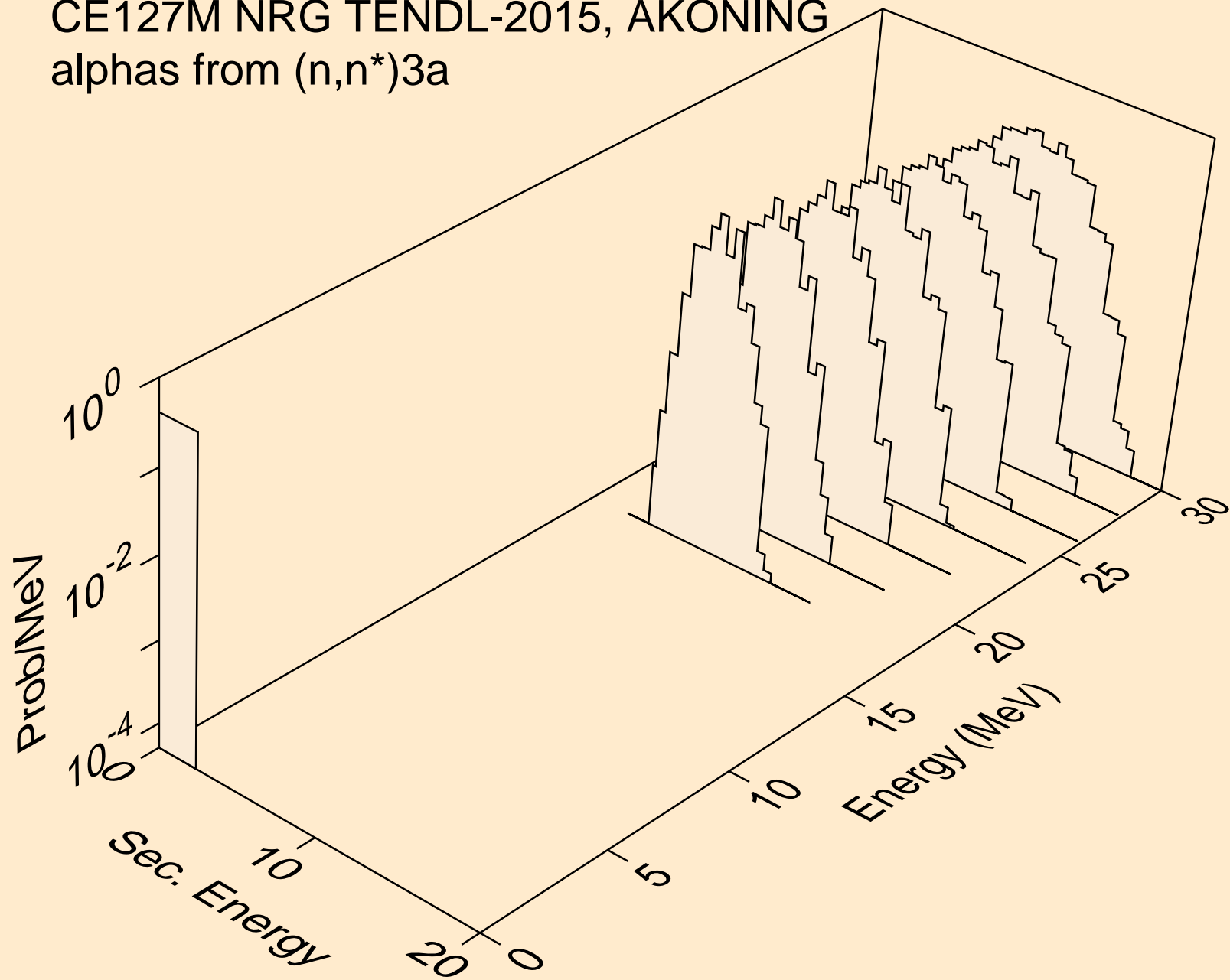




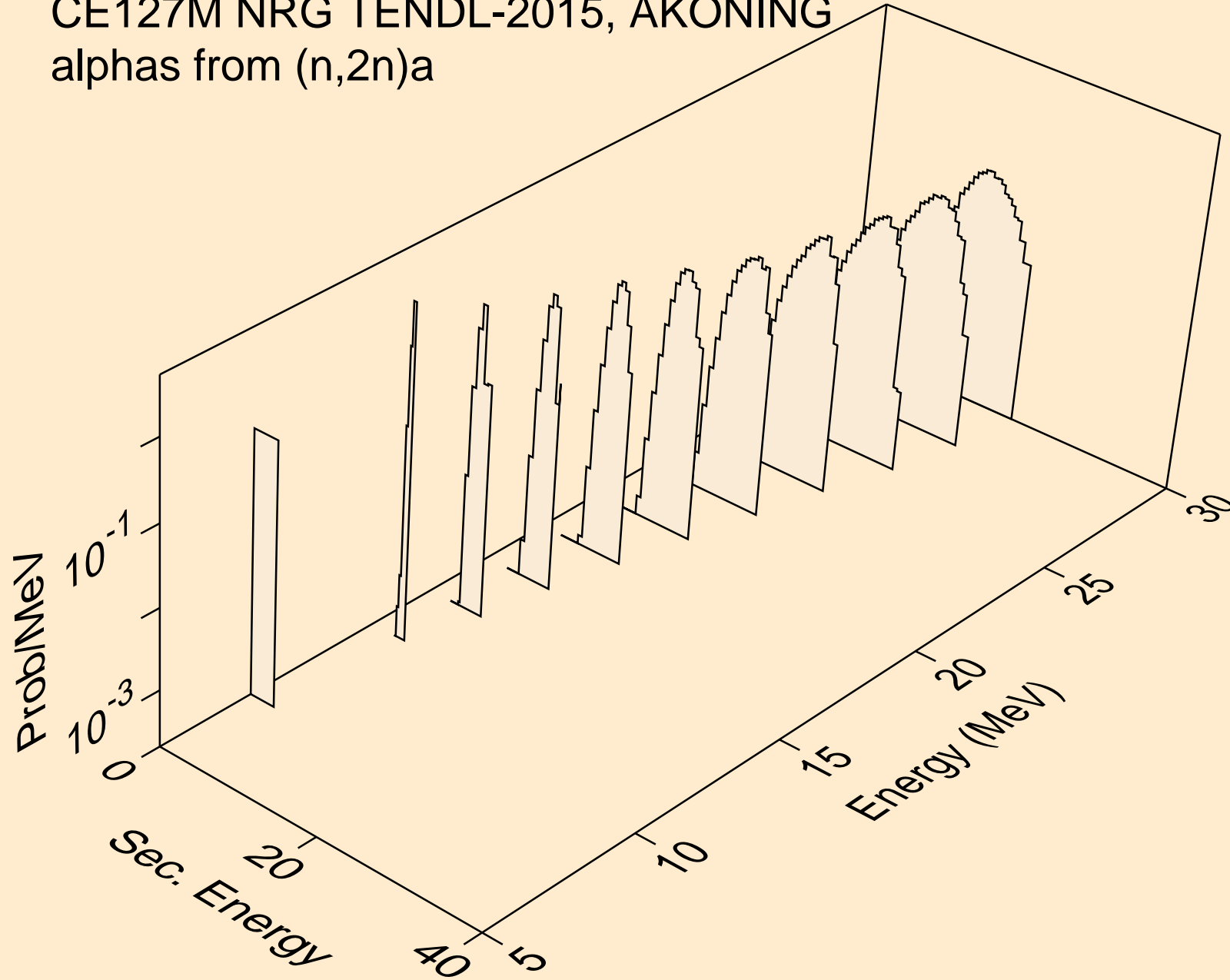
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alphas from (n,n\*)a



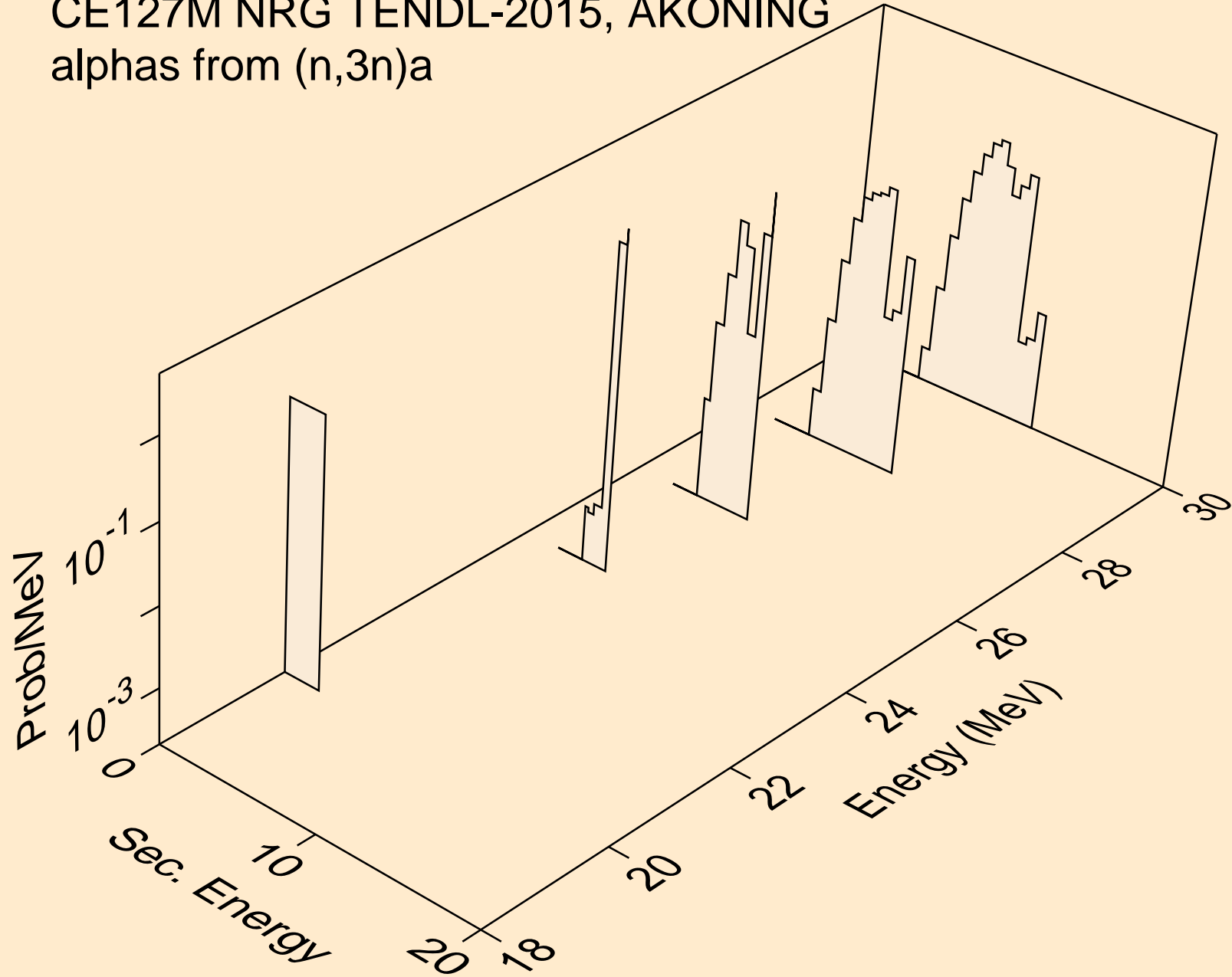
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alphas from (n,n\*)3a



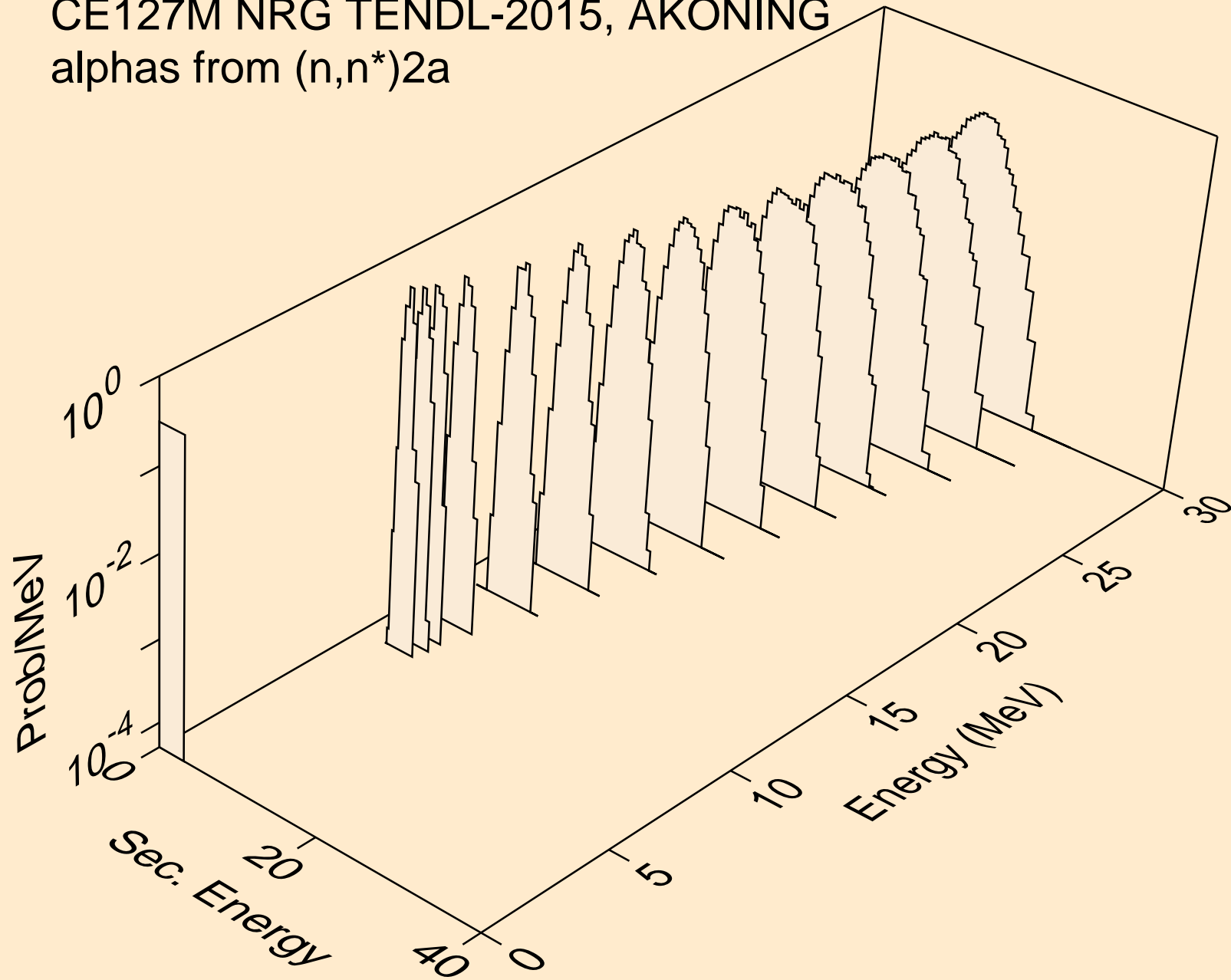
CE127M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



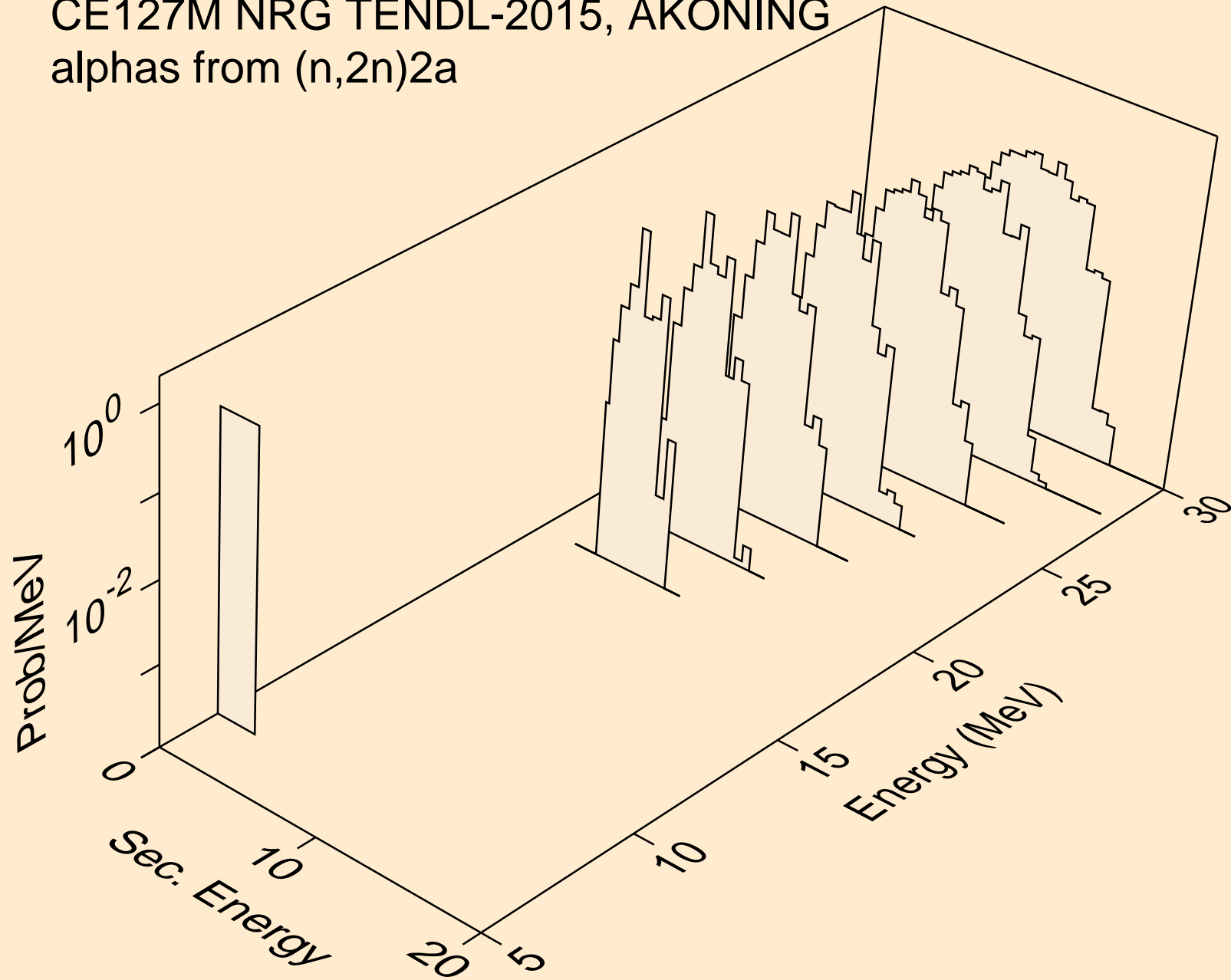
CE127M NRG TENDL-2015, AKONING  
alphas from (n,3n)a



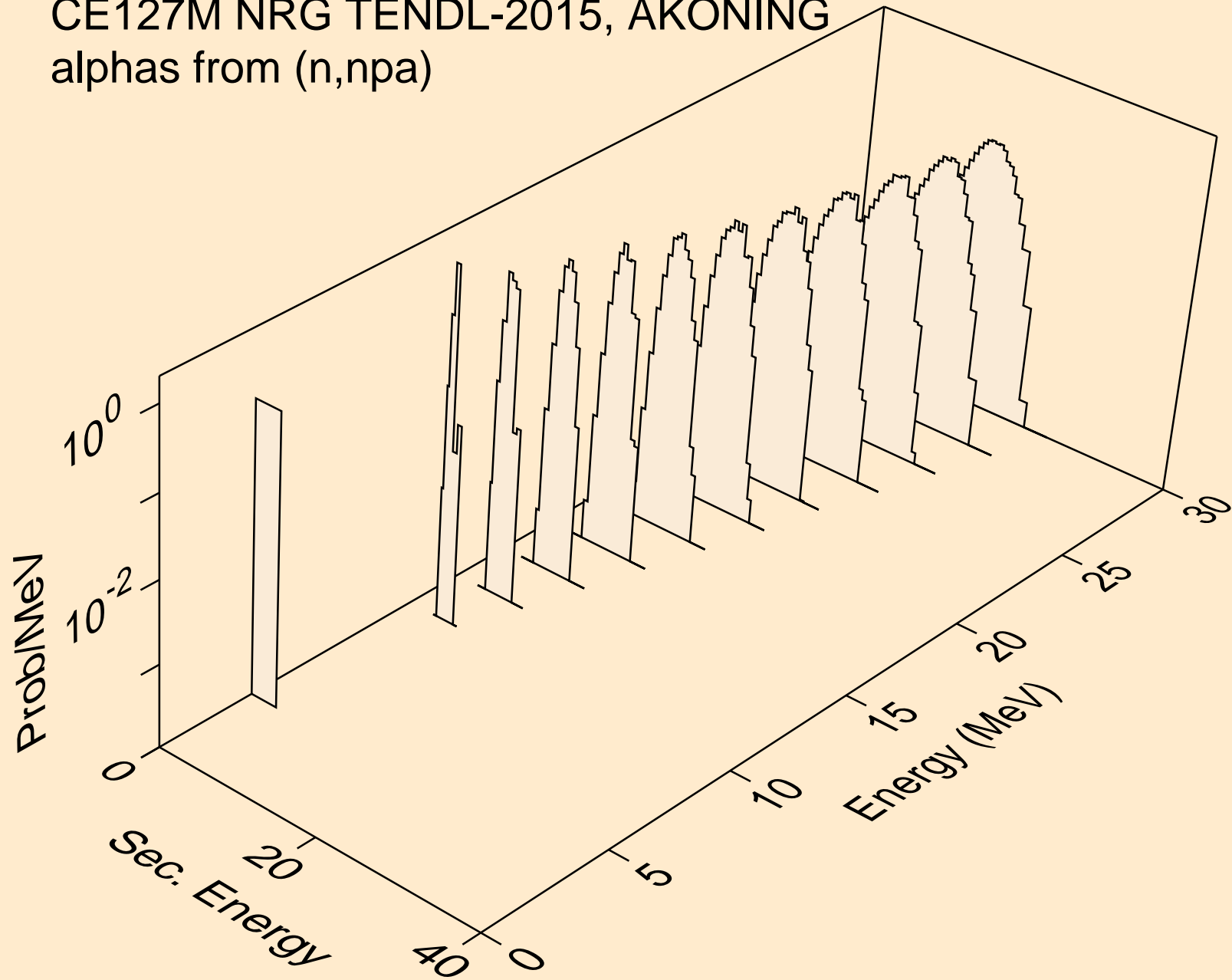
CE127M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



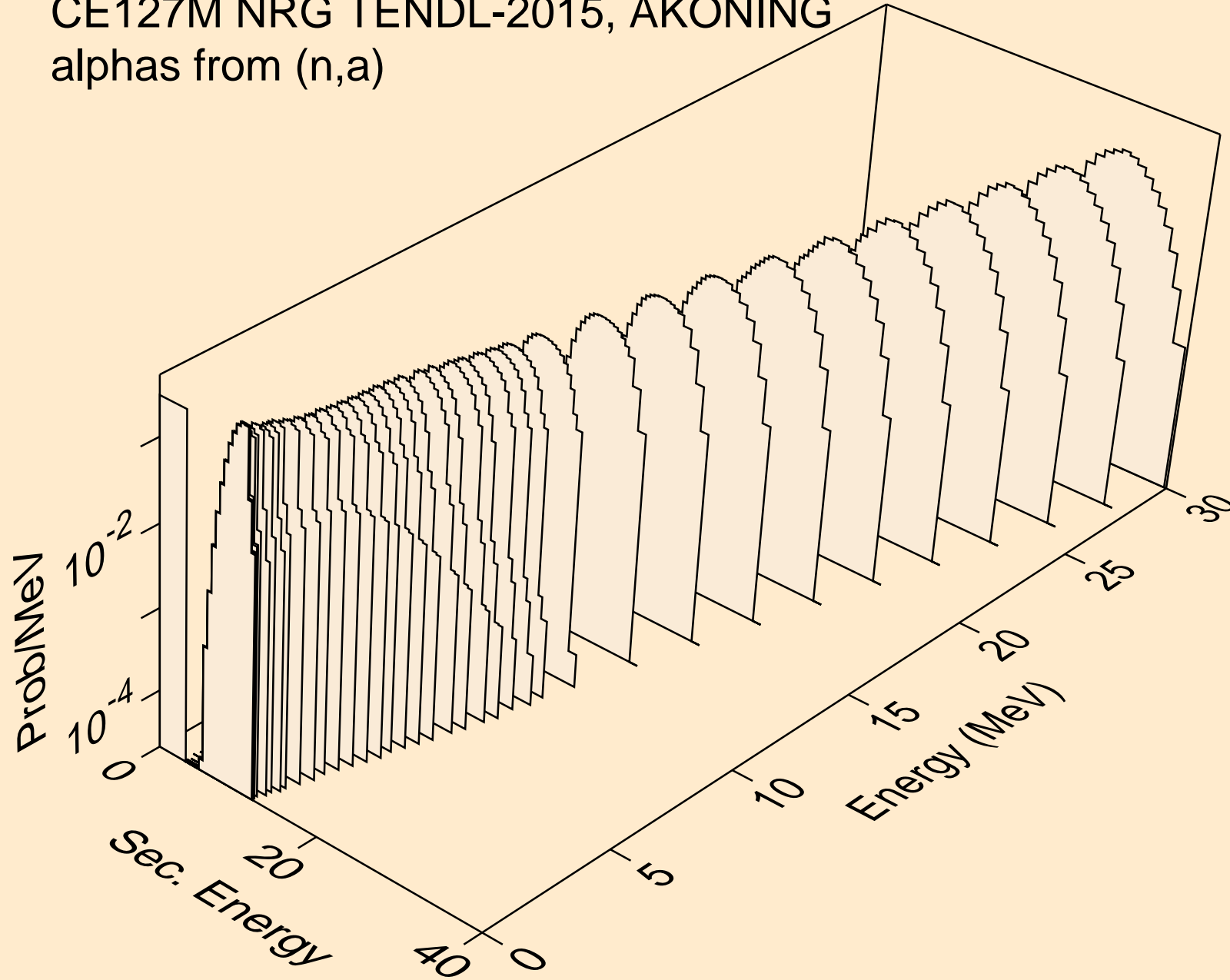
CE127M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



CE127M NRG TENDL-2015, AKONING  
alphas from (n,npa)

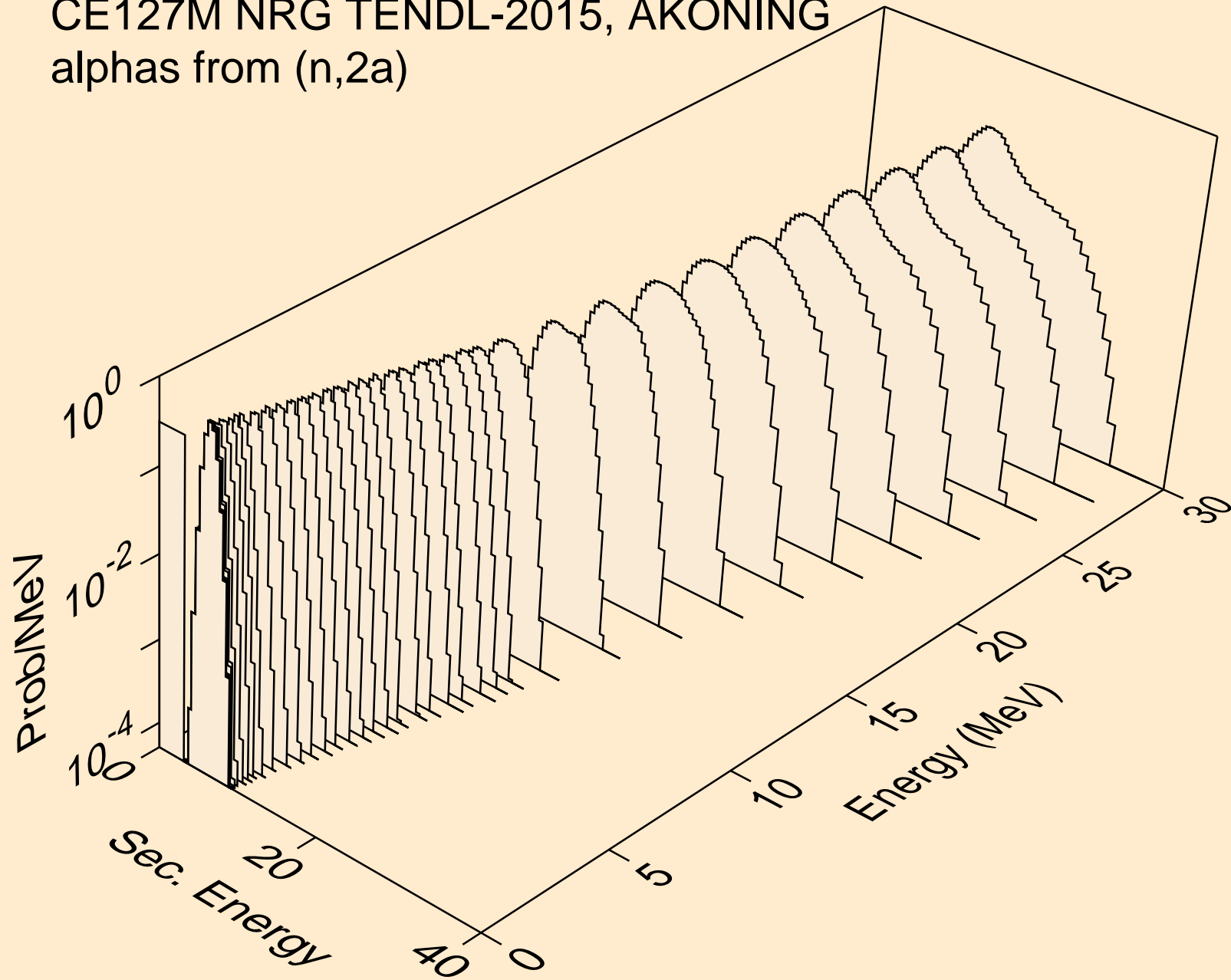


CE127M NRG TENDL-2015, AKONING  
alphas from (n,a)

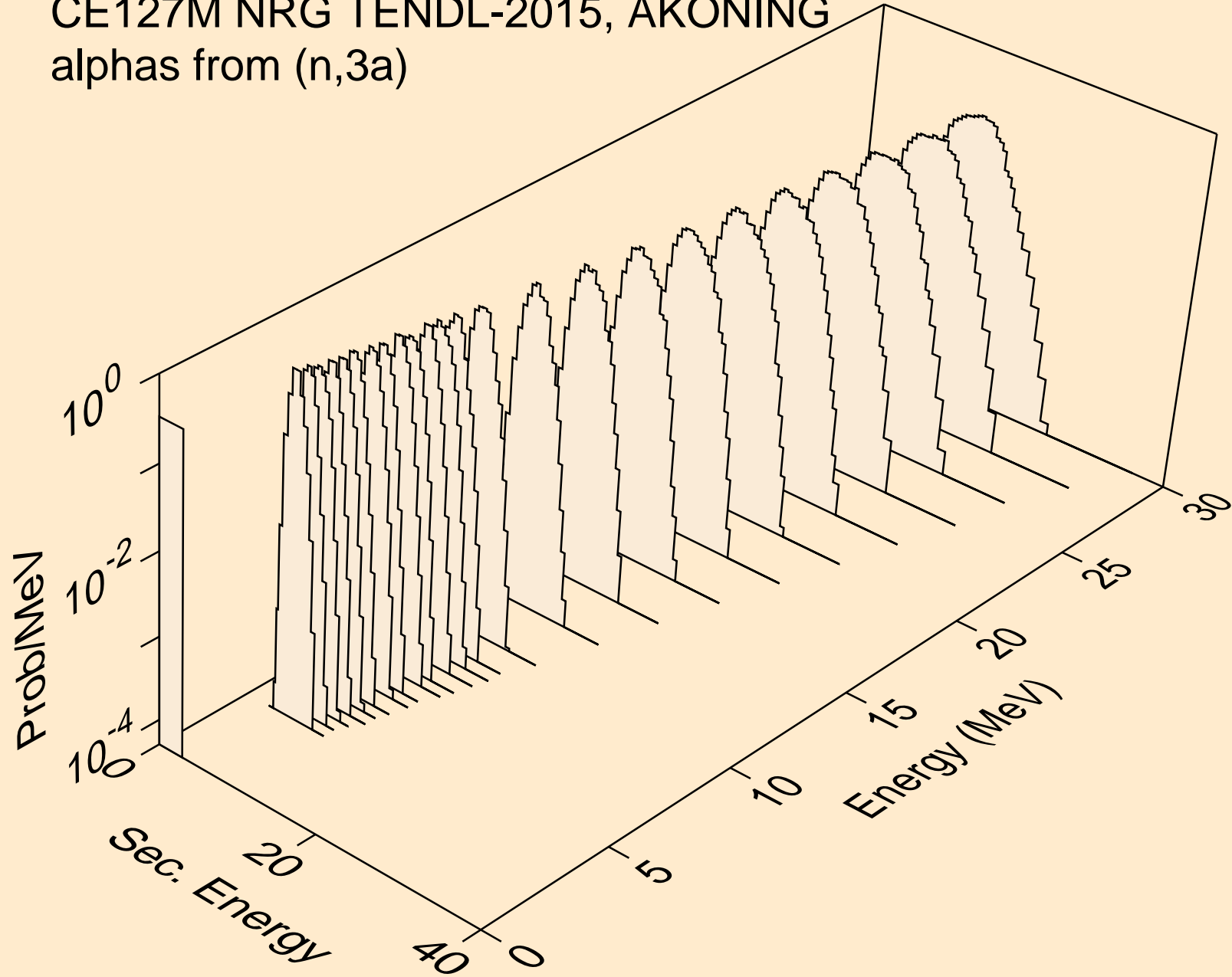




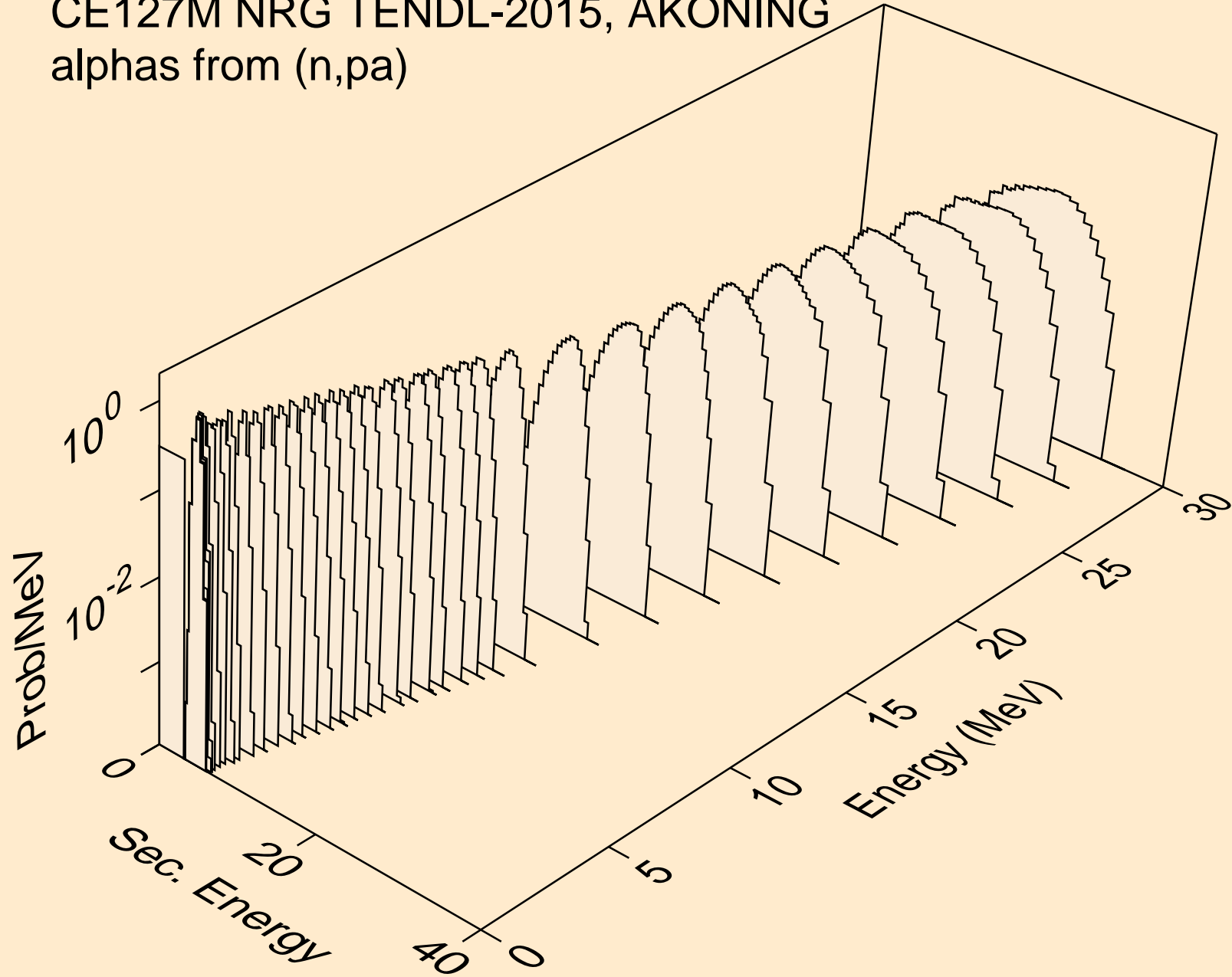
CE127M NRG TENDL-2015, AKONING  
alphas from (n,2a)



CE127M NRG TENDL-2015, AKONING  
alphas from (n,3a)



CE127M NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE127M NRG TENDL-2015, AKONING  
alphas from (n,da)

