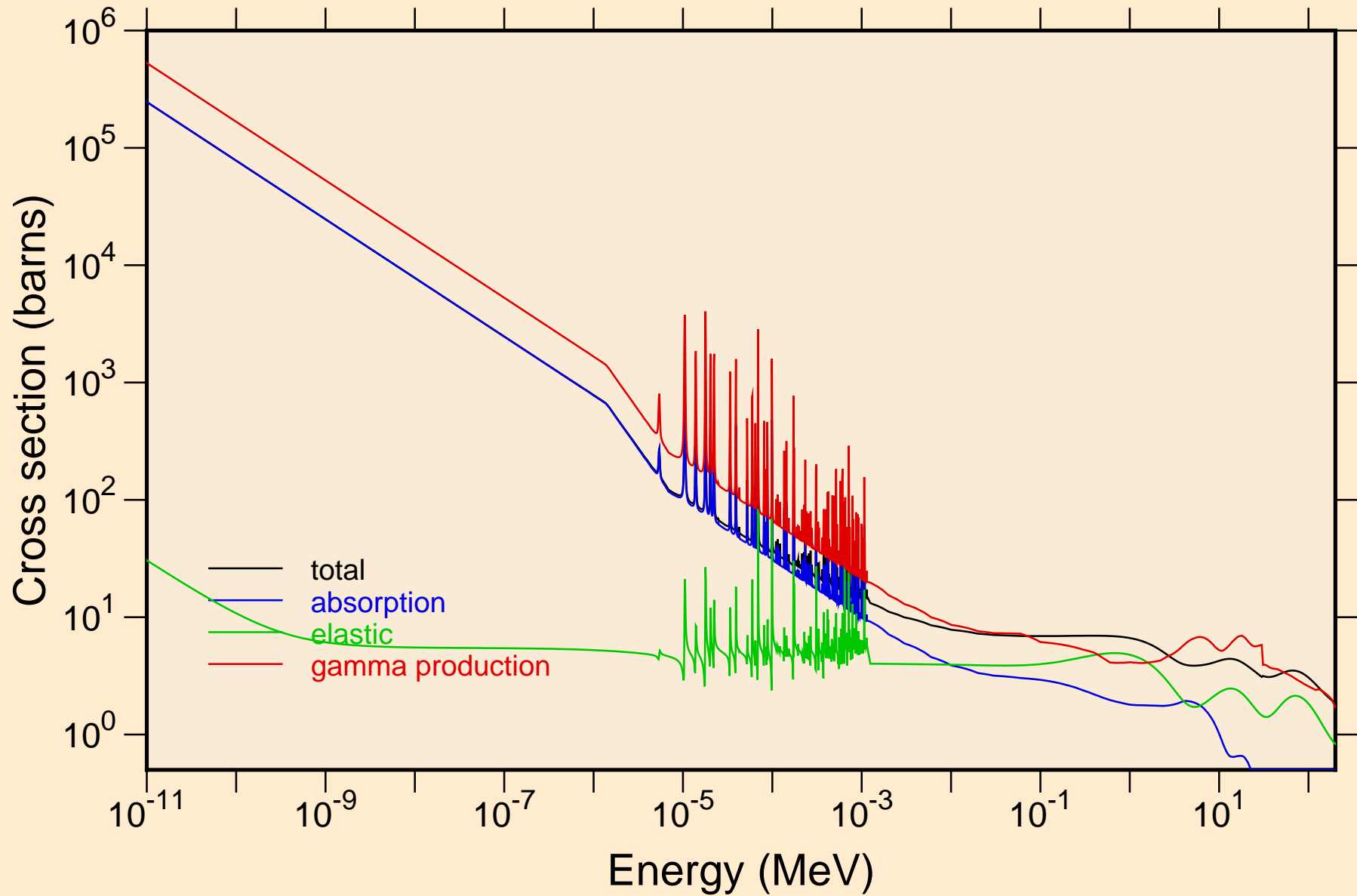
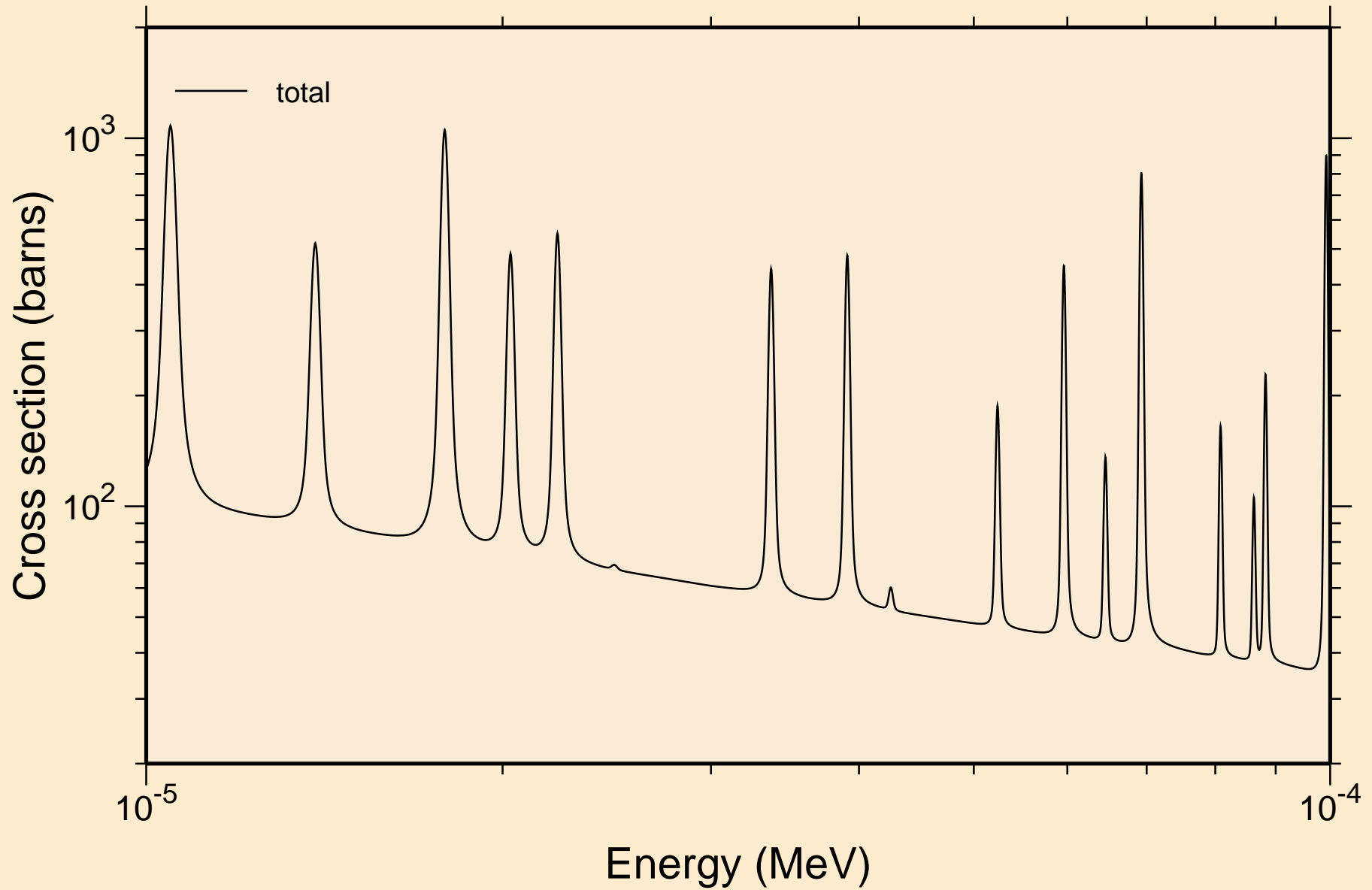


# SB109 NRG TENDL-2015, AKONING

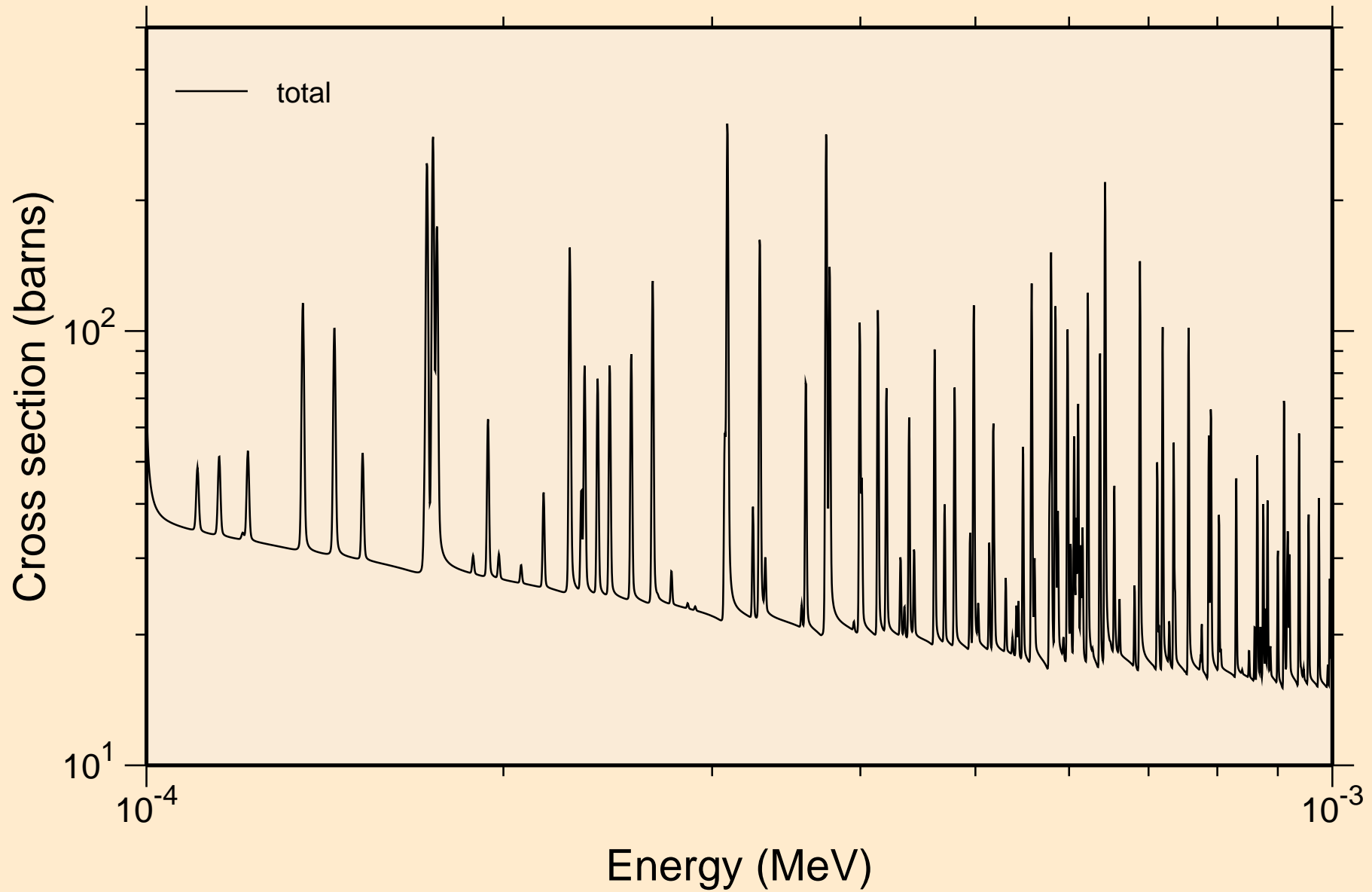
## Principal cross sections



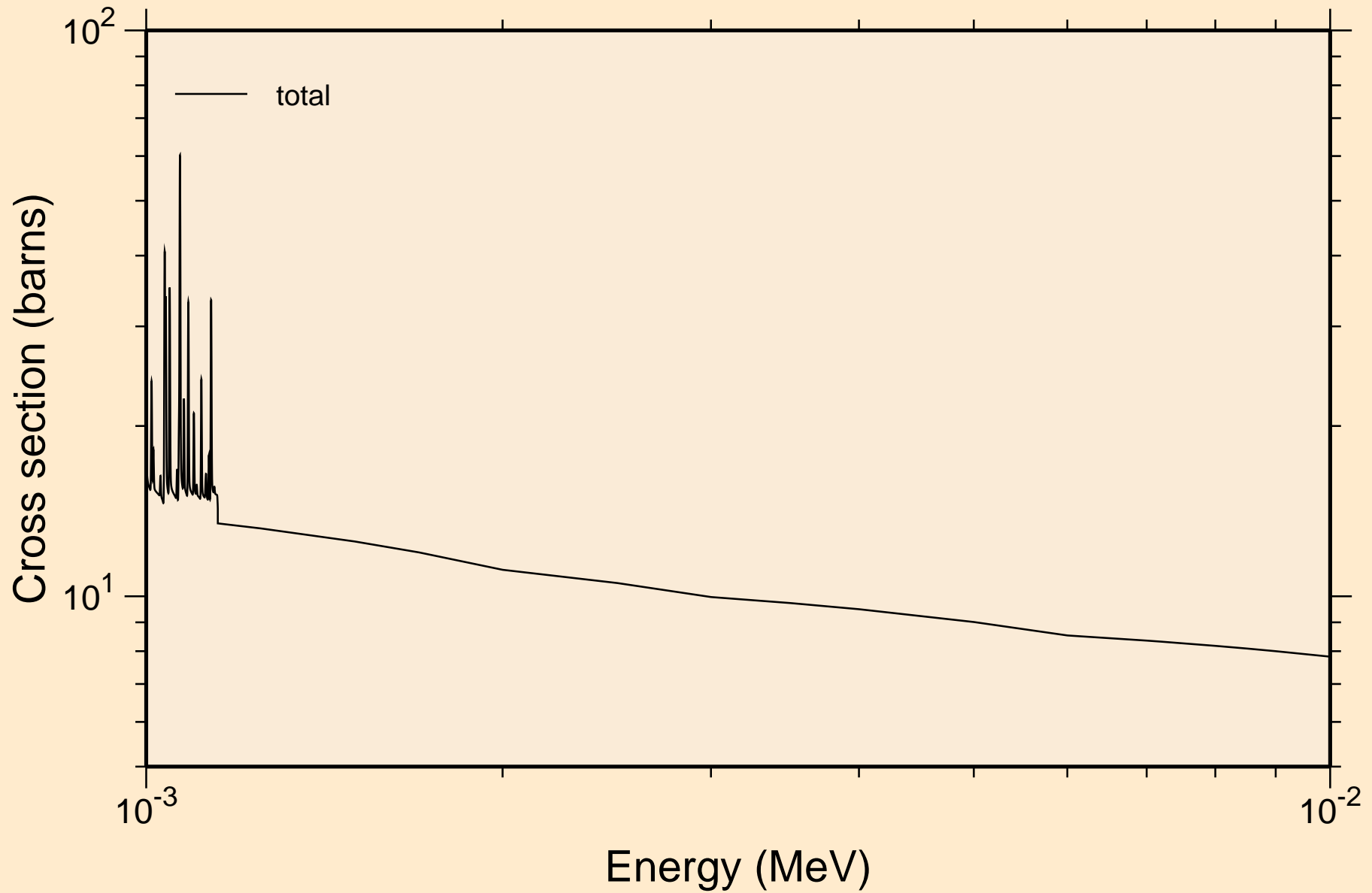
SB109 NRG TENDL-2015, AKONING  
resonance total cross section



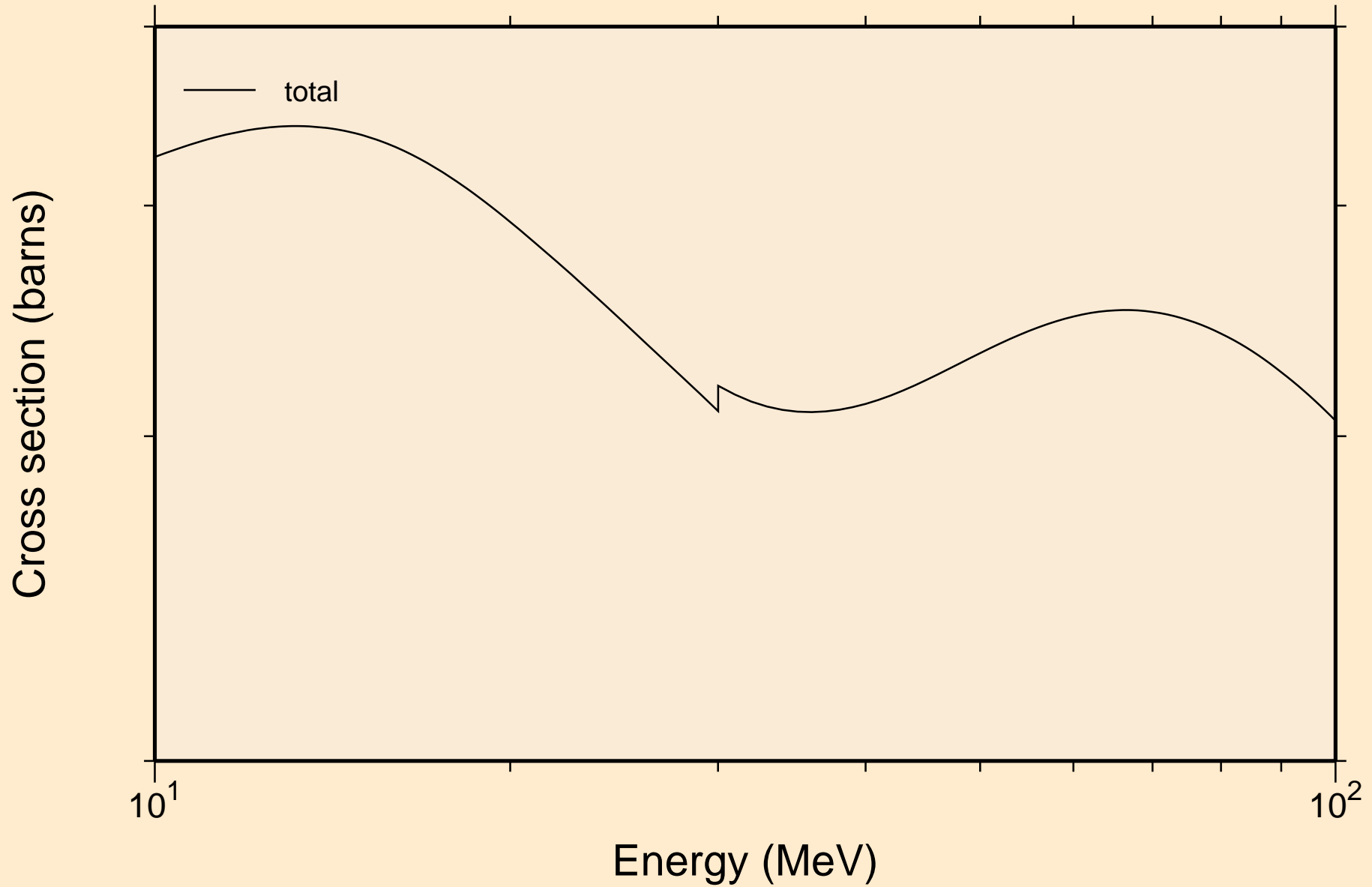
SB109 NRG TENDL-2015, AKONING  
resonance total cross section



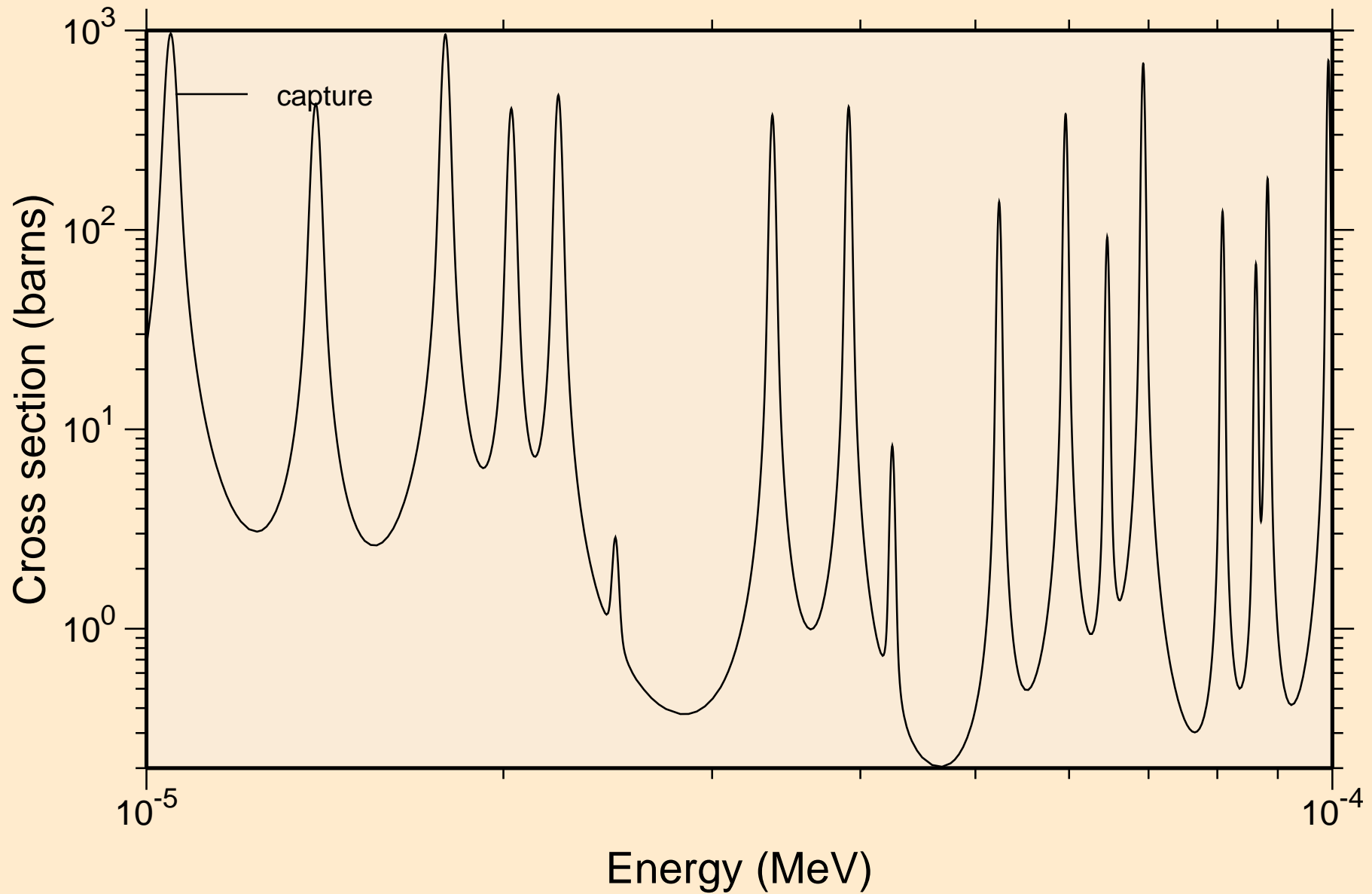
SB109 NRG TENDL-2015, AKONING  
resonance total cross section



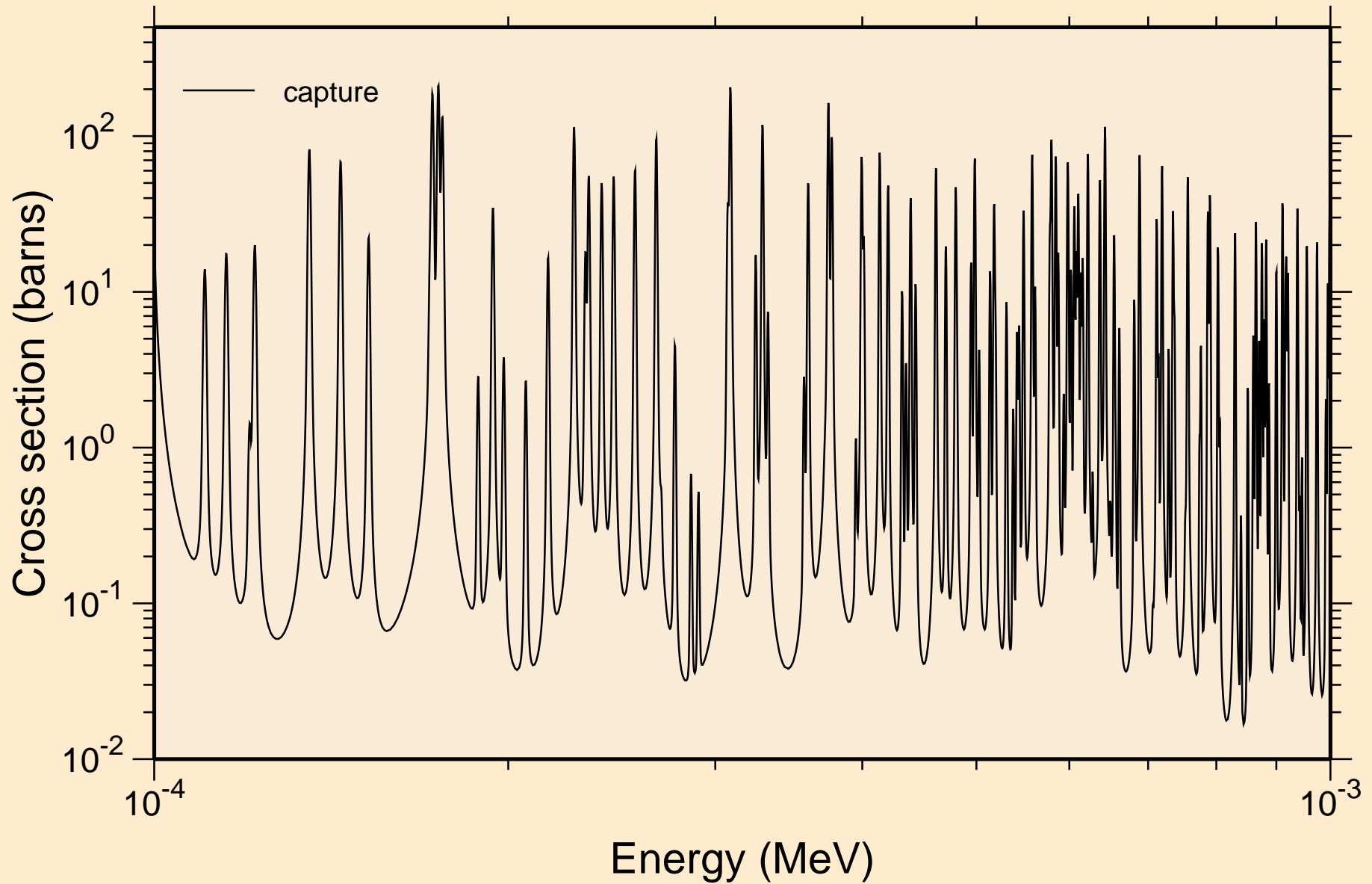
S $\bar{B}$ 109 NRG TENDL-2015, AKONING  
resonance total cross section



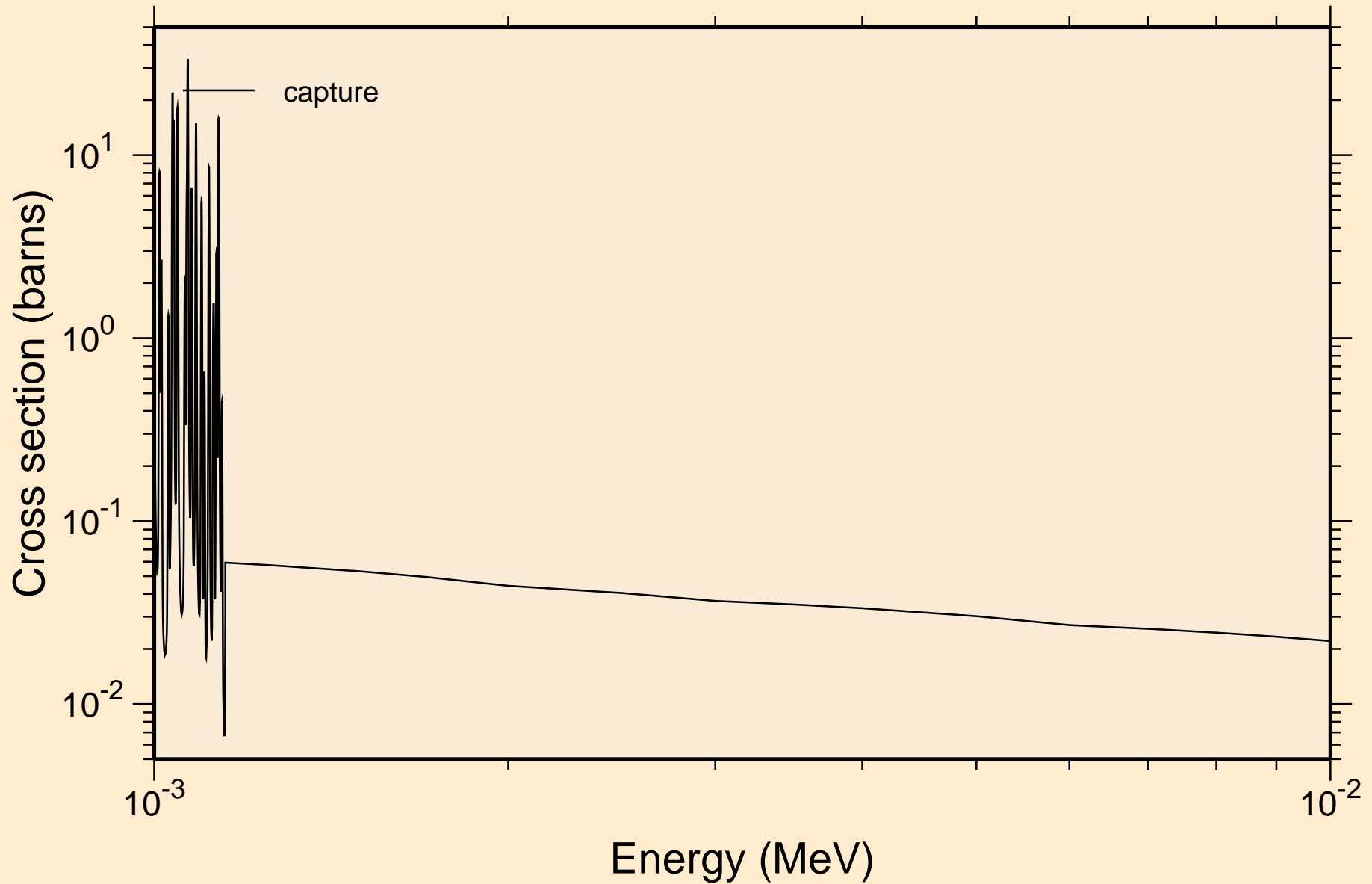
# SB109 NRG TENDL-2015, AKONING resonance absorption cross sections



SB109 NRG TENDL-2015, AKONING  
resonance absorption cross sections

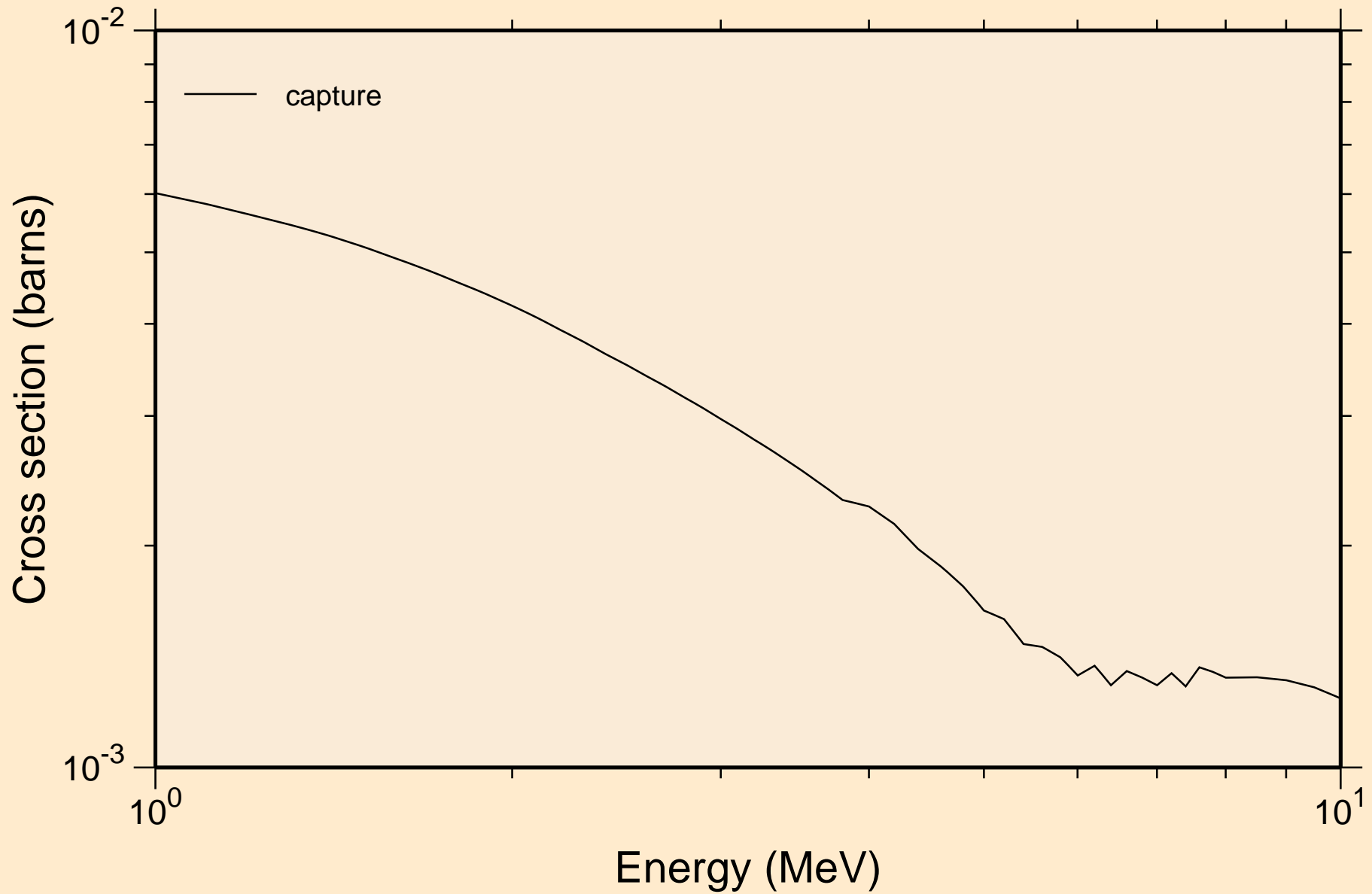


SB109 NRG TENDL-2015, AKONING  
resonance absorption cross sections



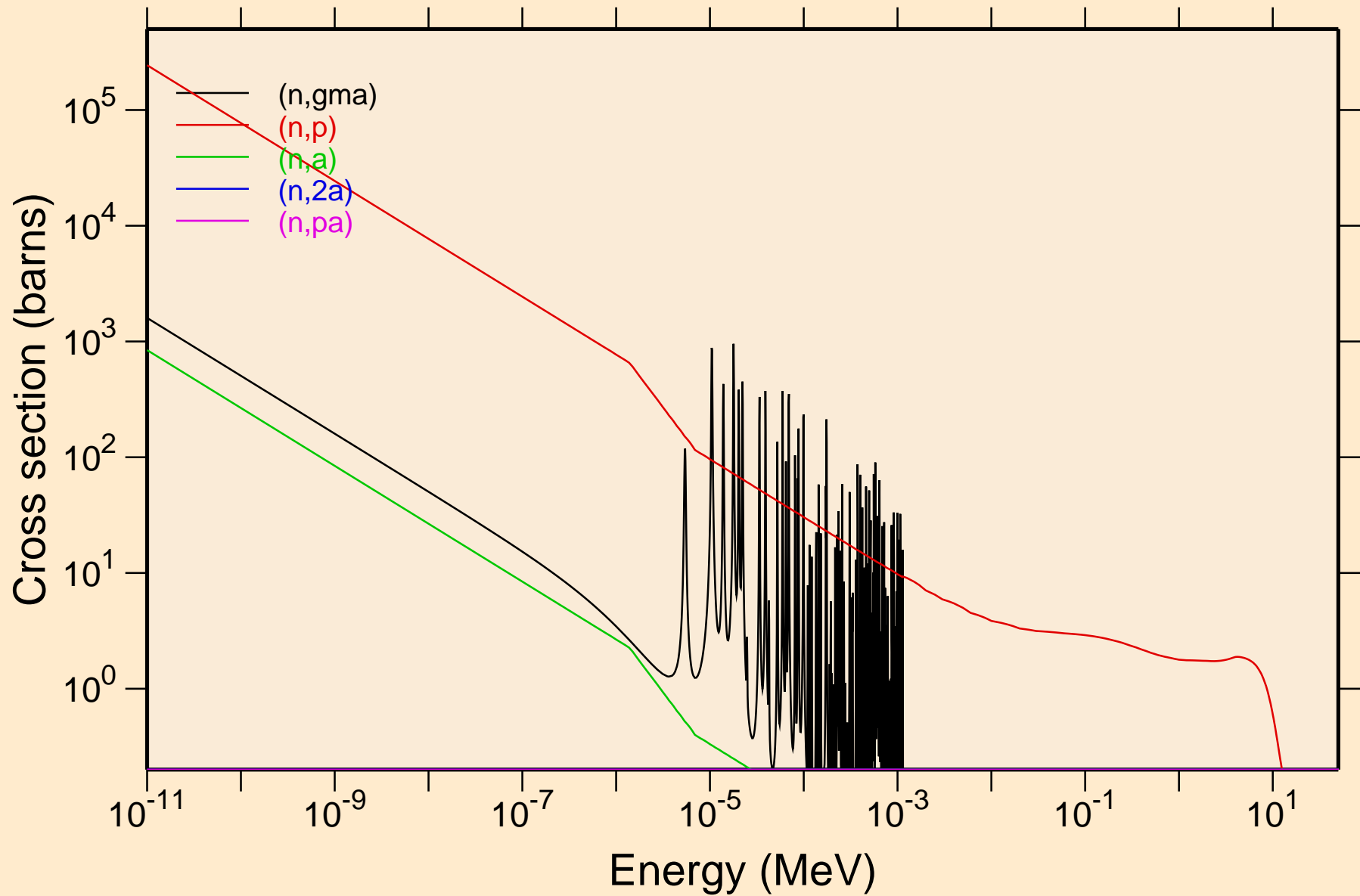


SB109 NRG TENDL-2015, AKONING  
resonance absorption cross sections



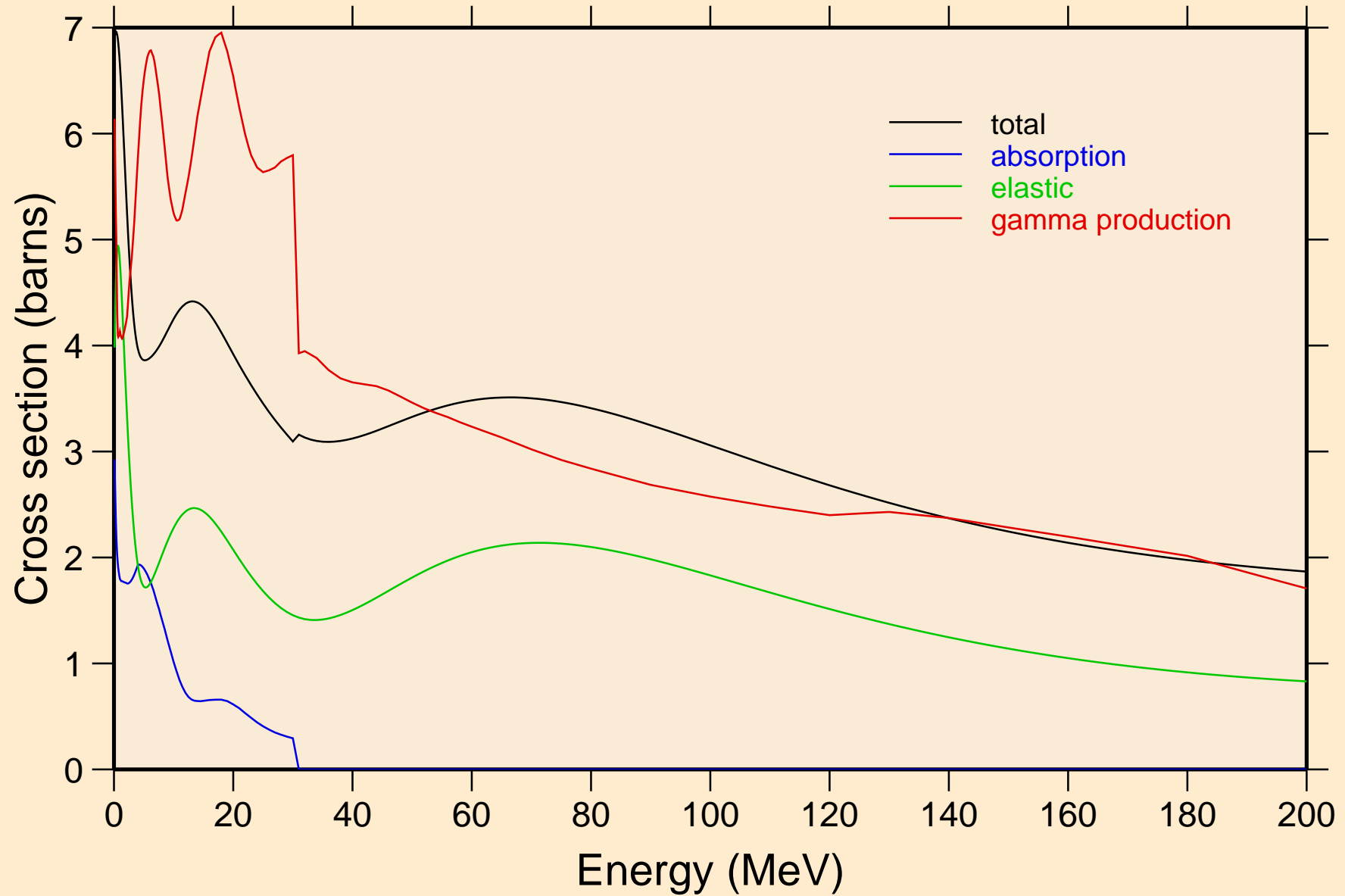
# SB109 NRG TENDL-2015, AKONING

## Non-threshold reactions



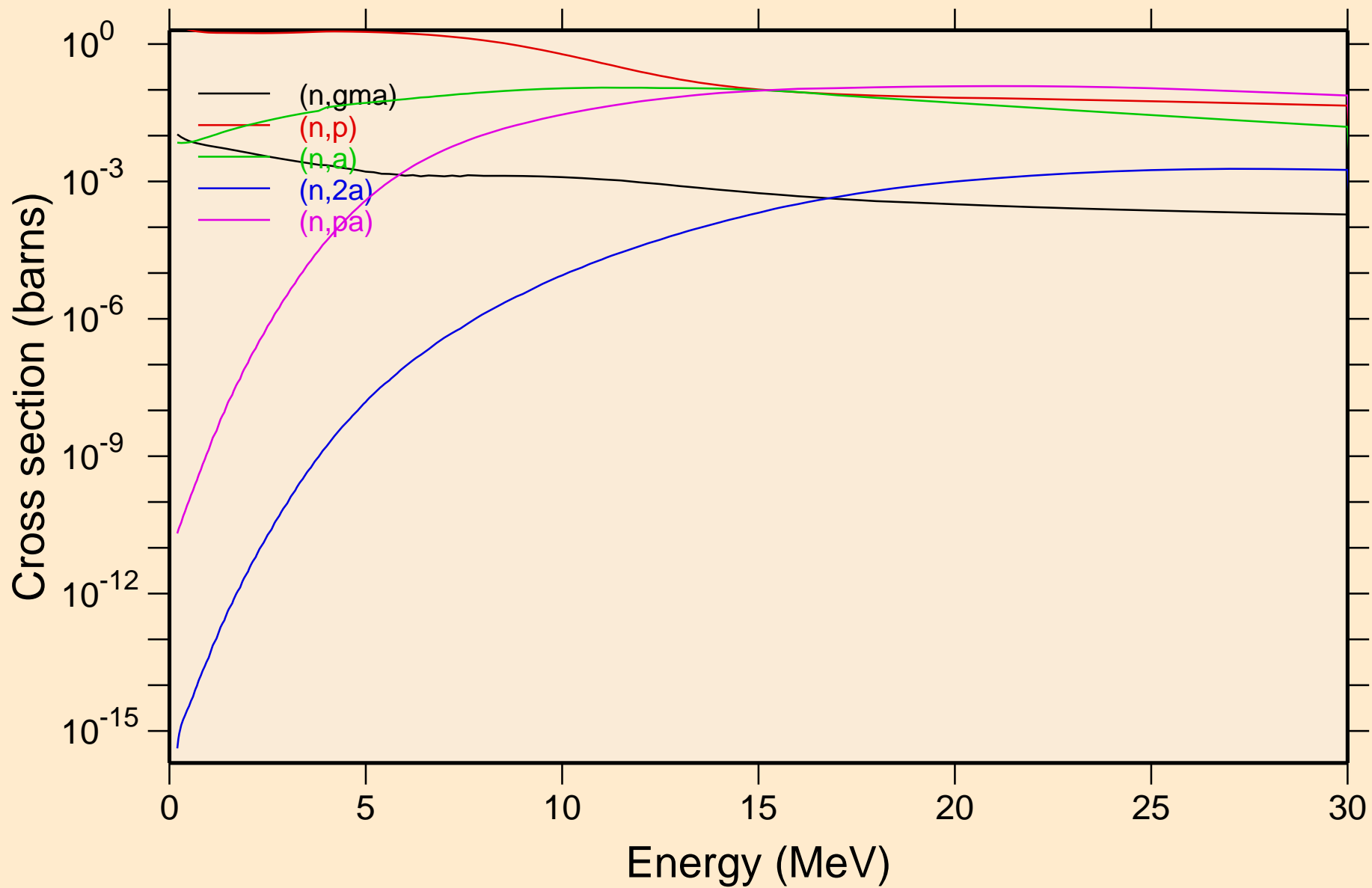
# SB109 NRG TENDL-2015, AKONING

## Principal cross sections



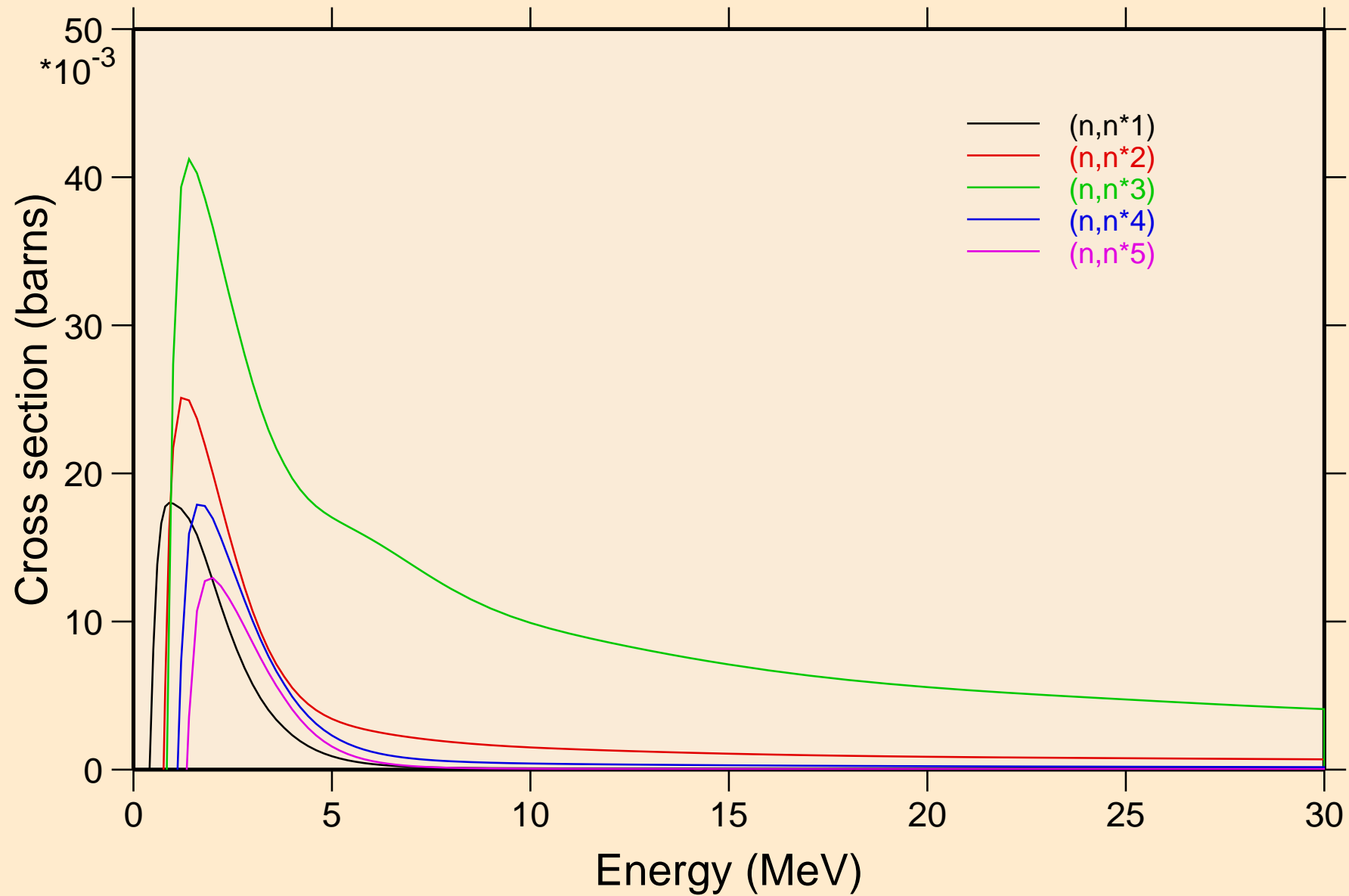
# SB109 NRG TENDL-2015, AKONING

## Non-threshold reactions



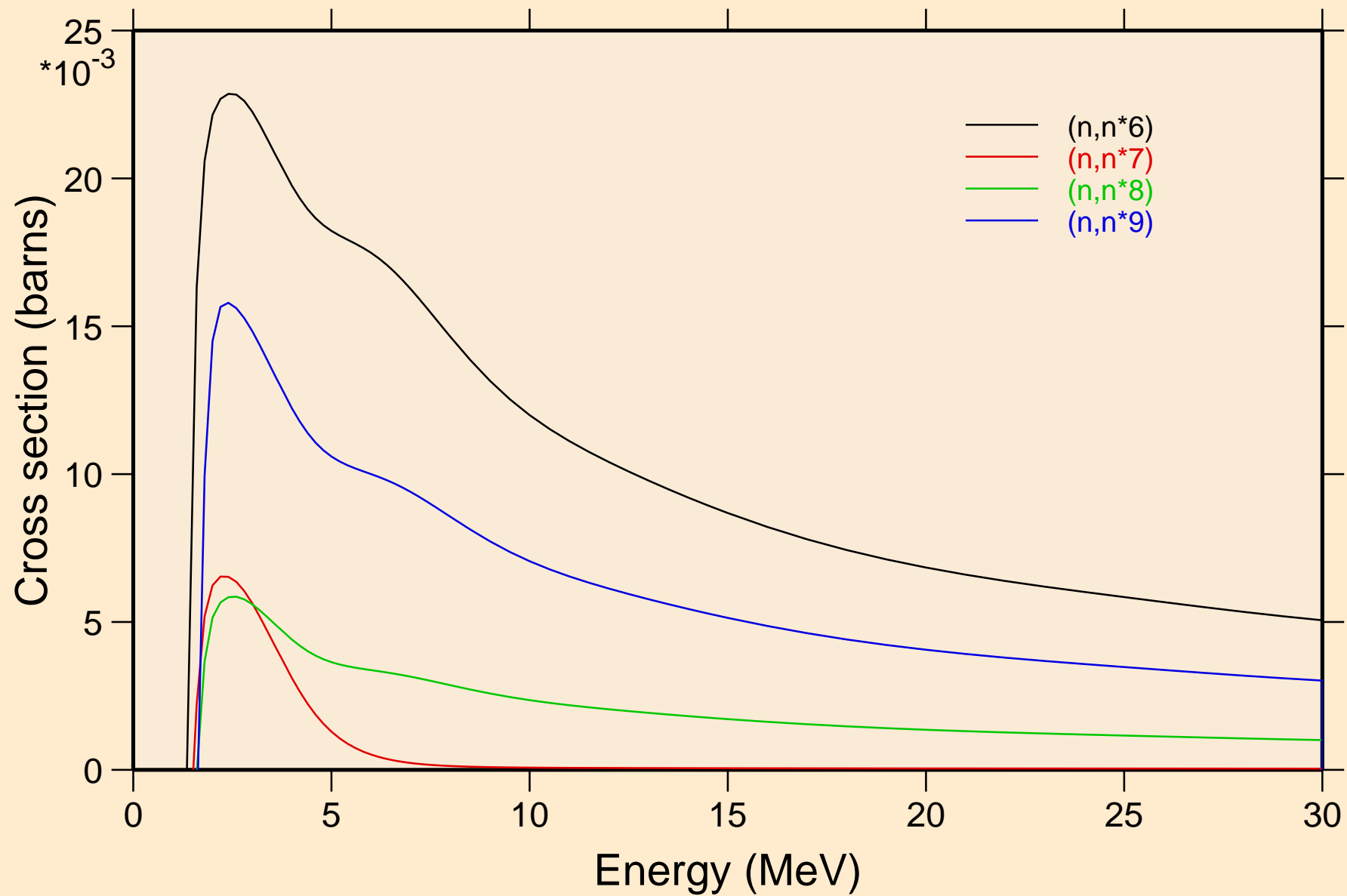
# SB109 NRG TENDL-2015, AKONING

## Inelastic levels



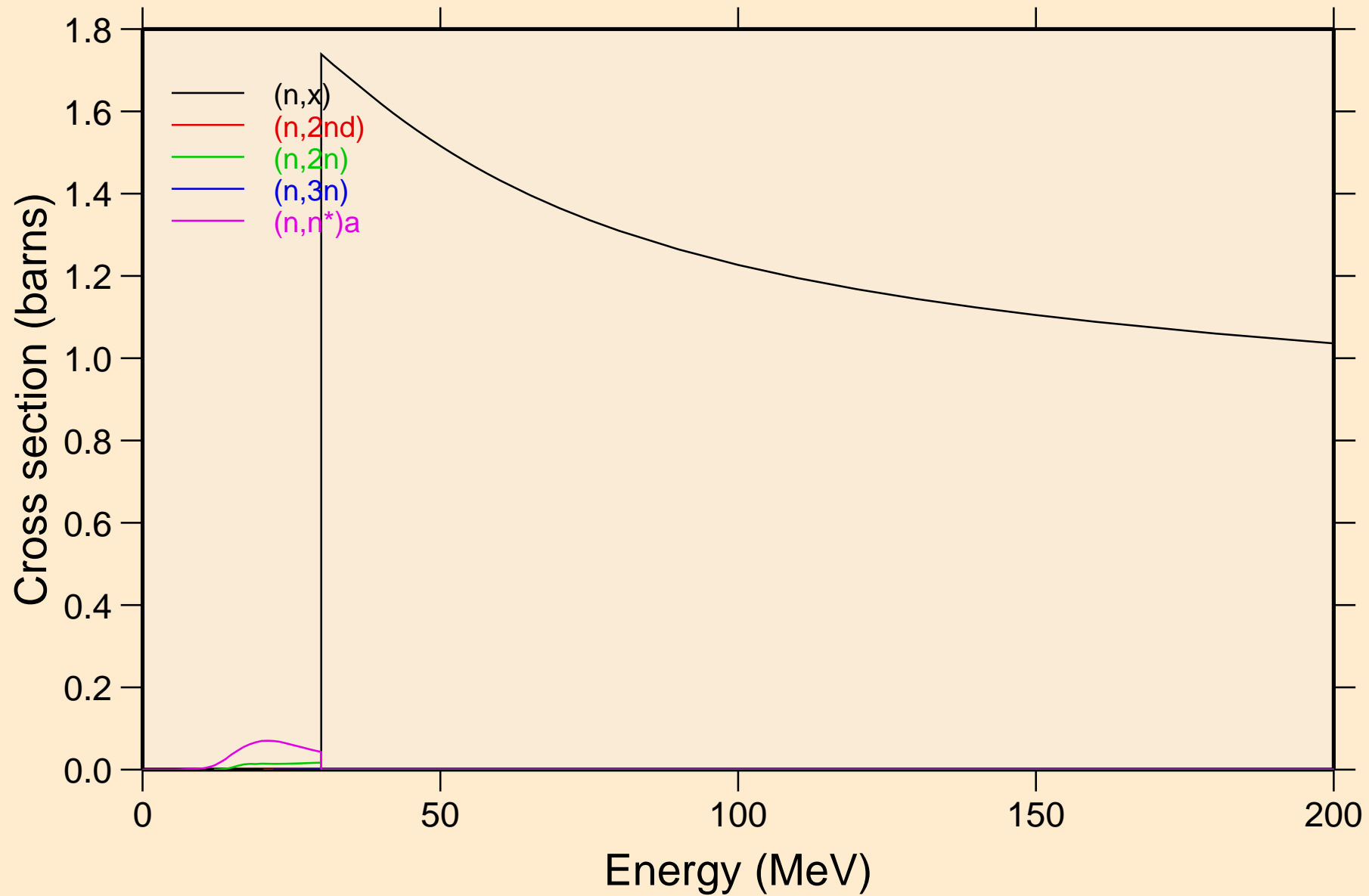
# SB109 NRG TENDL-2015, AKONING

## Inelastic levels



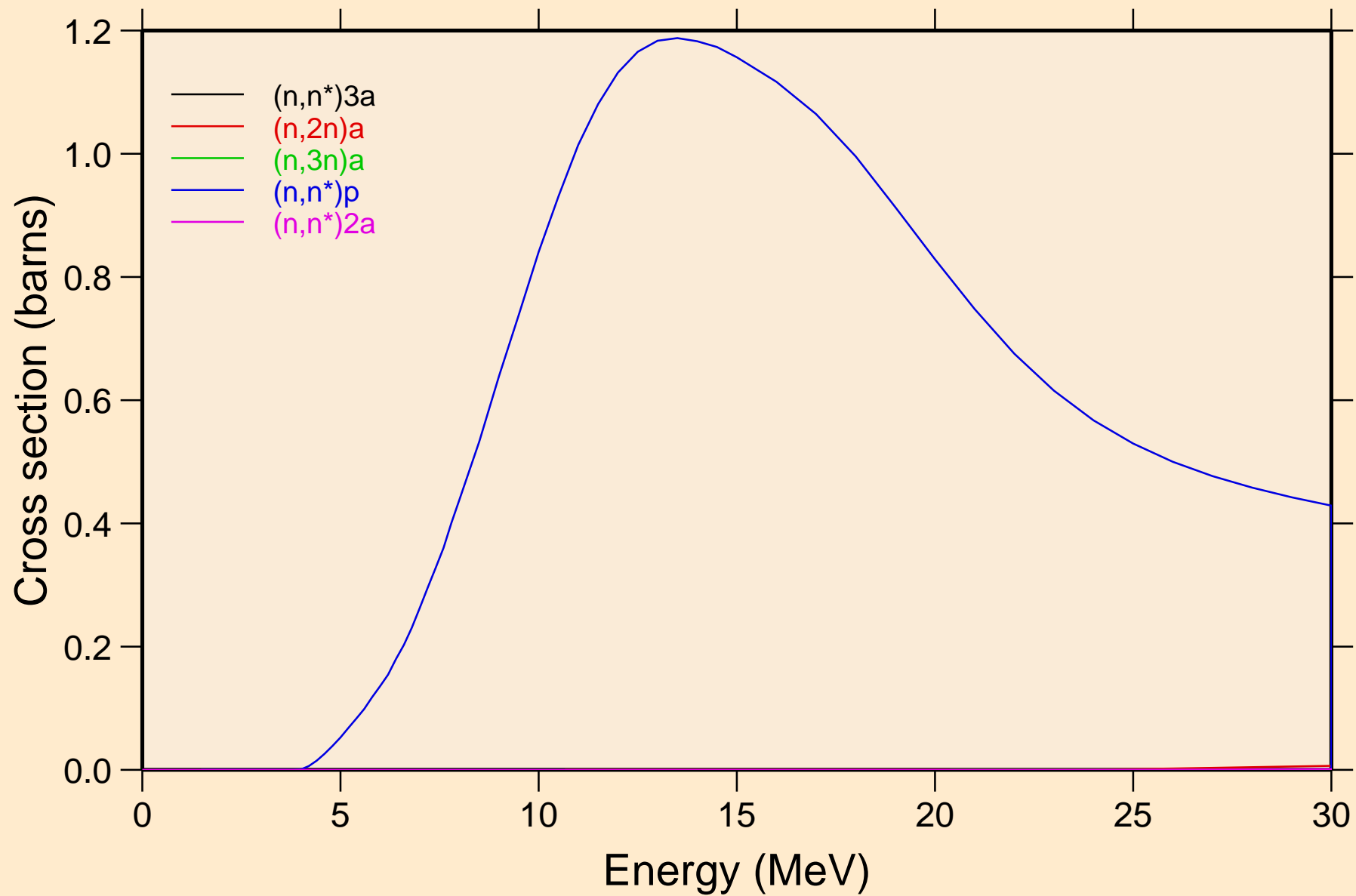
# SB109 NRG TENDL-2015, AKONING

## Threshold reactions



# SB109 NRG TENDL-2015, AKONING

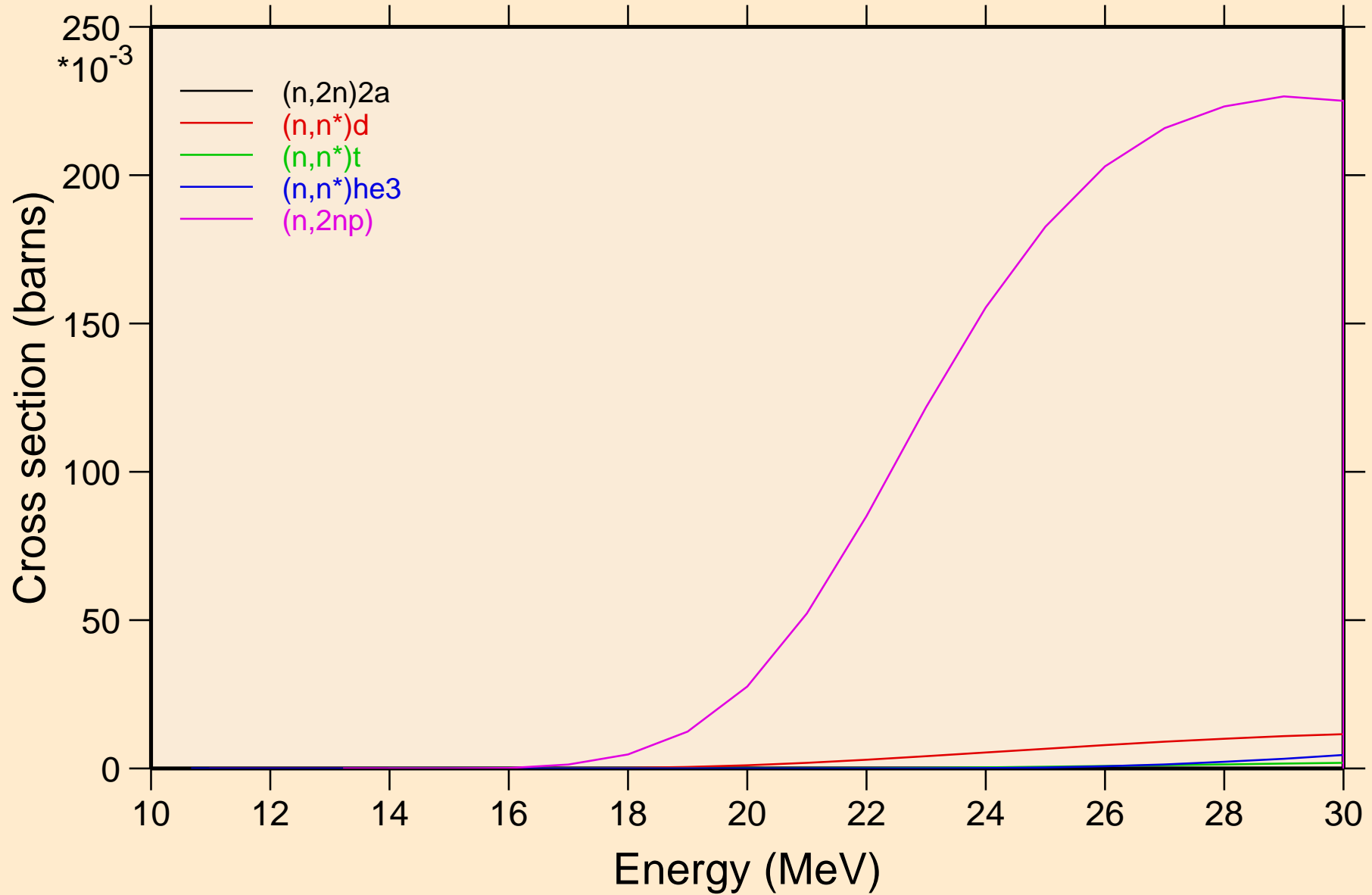
## Threshold reactions





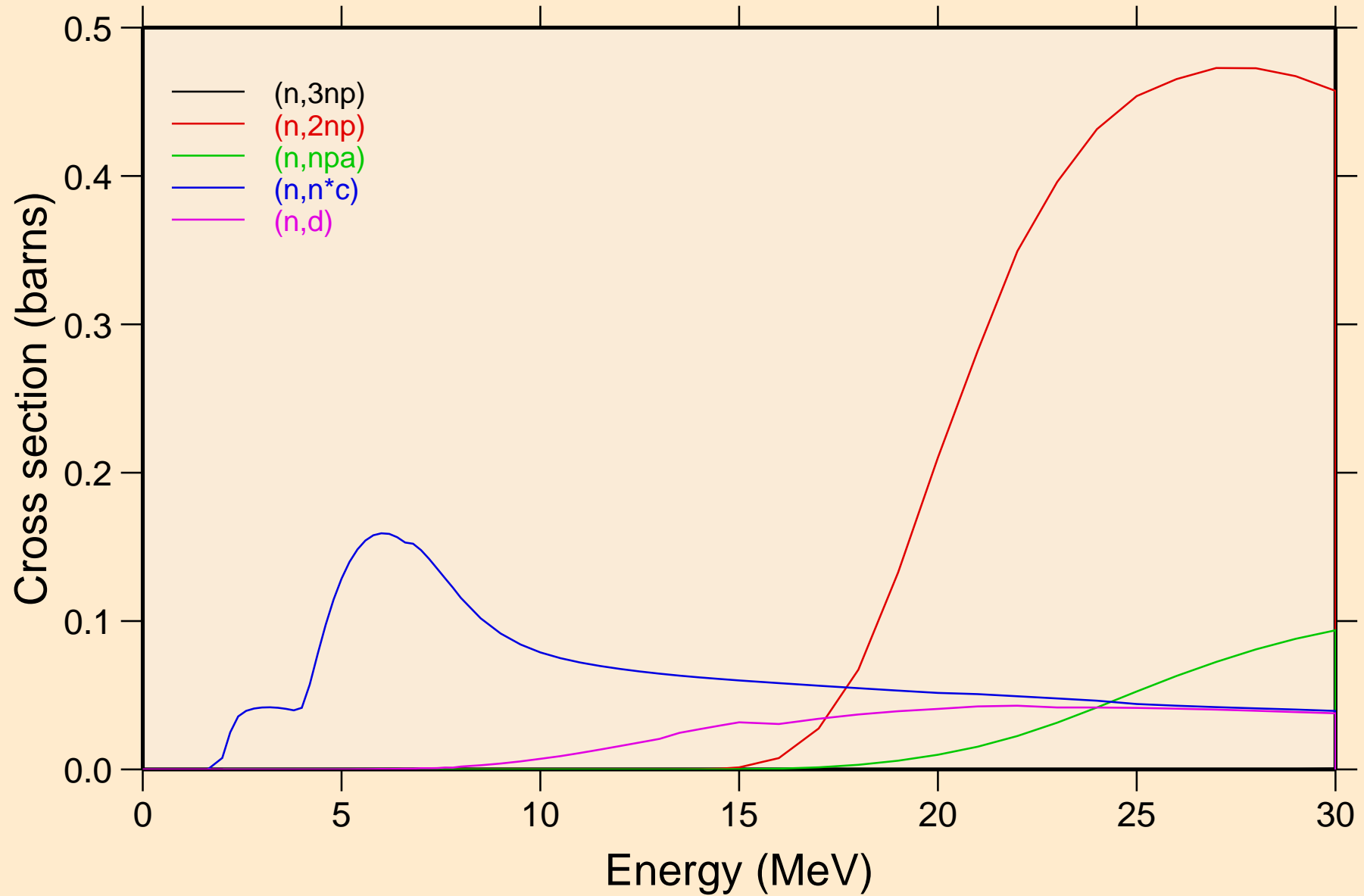
# SB109 NRG TENDL-2015, AKONING

## Threshold reactions



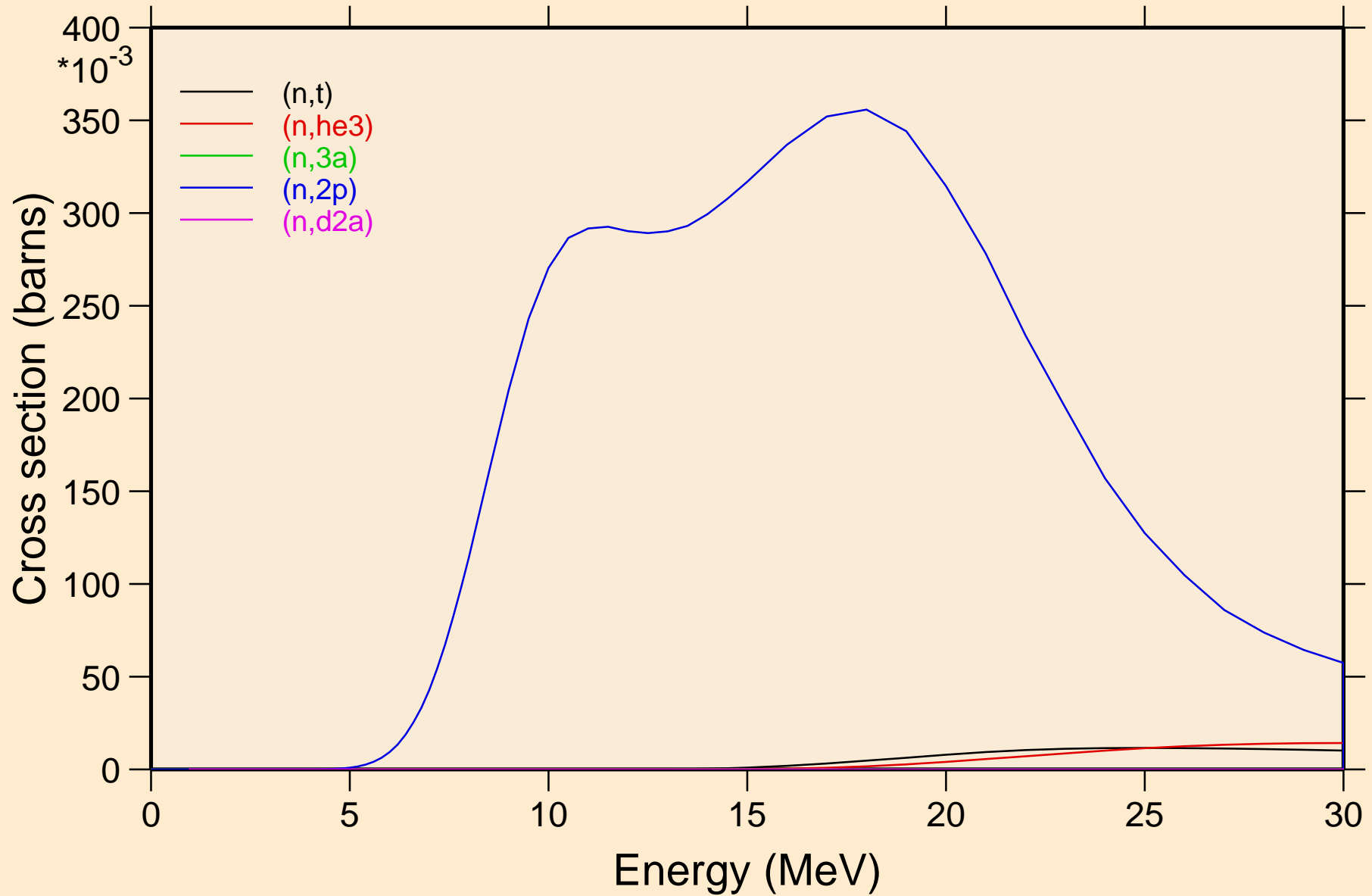
# SB109 NRG TENDL-2015, AKONING

## Threshold reactions



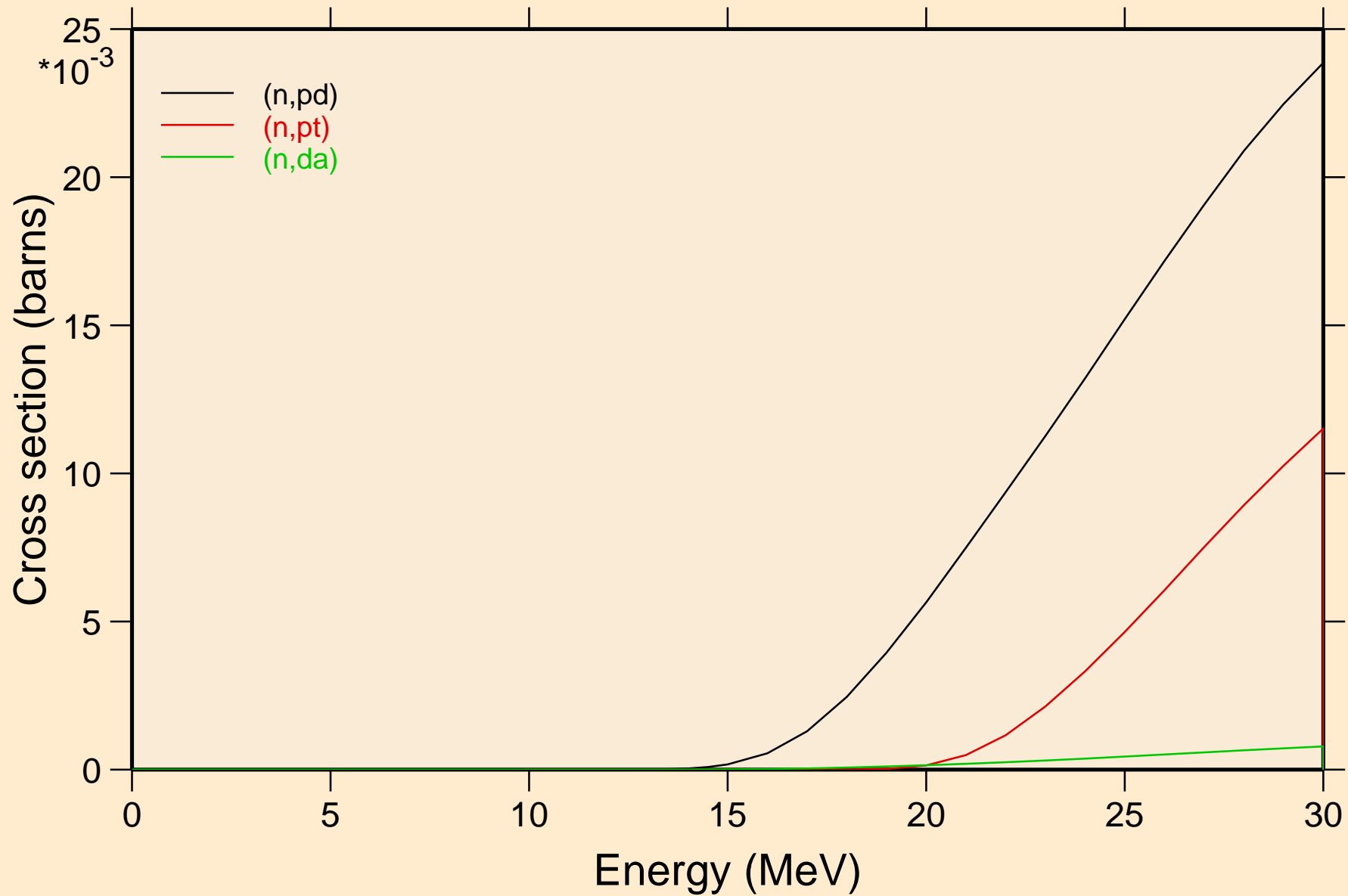
# SB109 NRG TENDL-2015, AKONING

## Threshold reactions

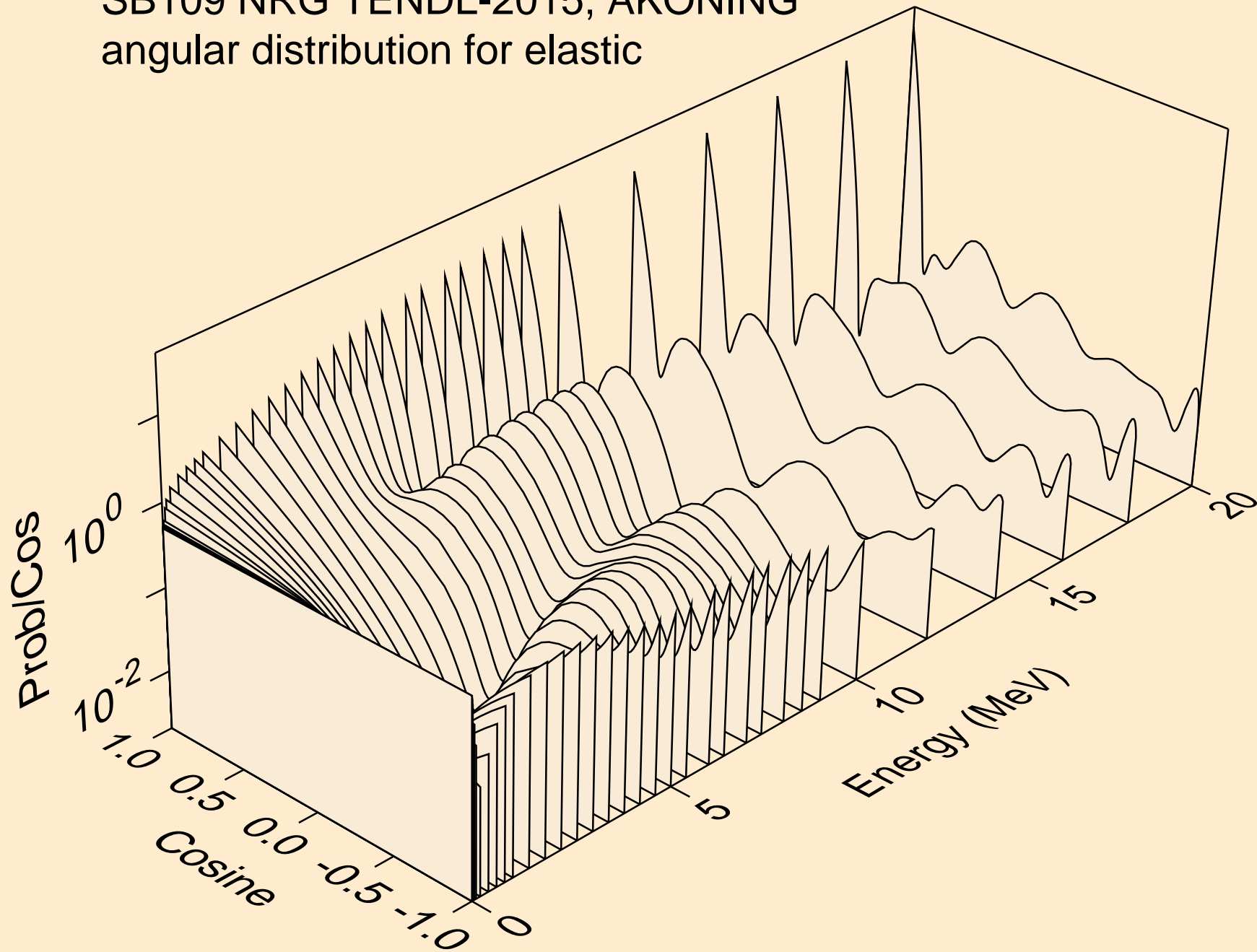


# SB109 NRG TENDL-2015, AKONING

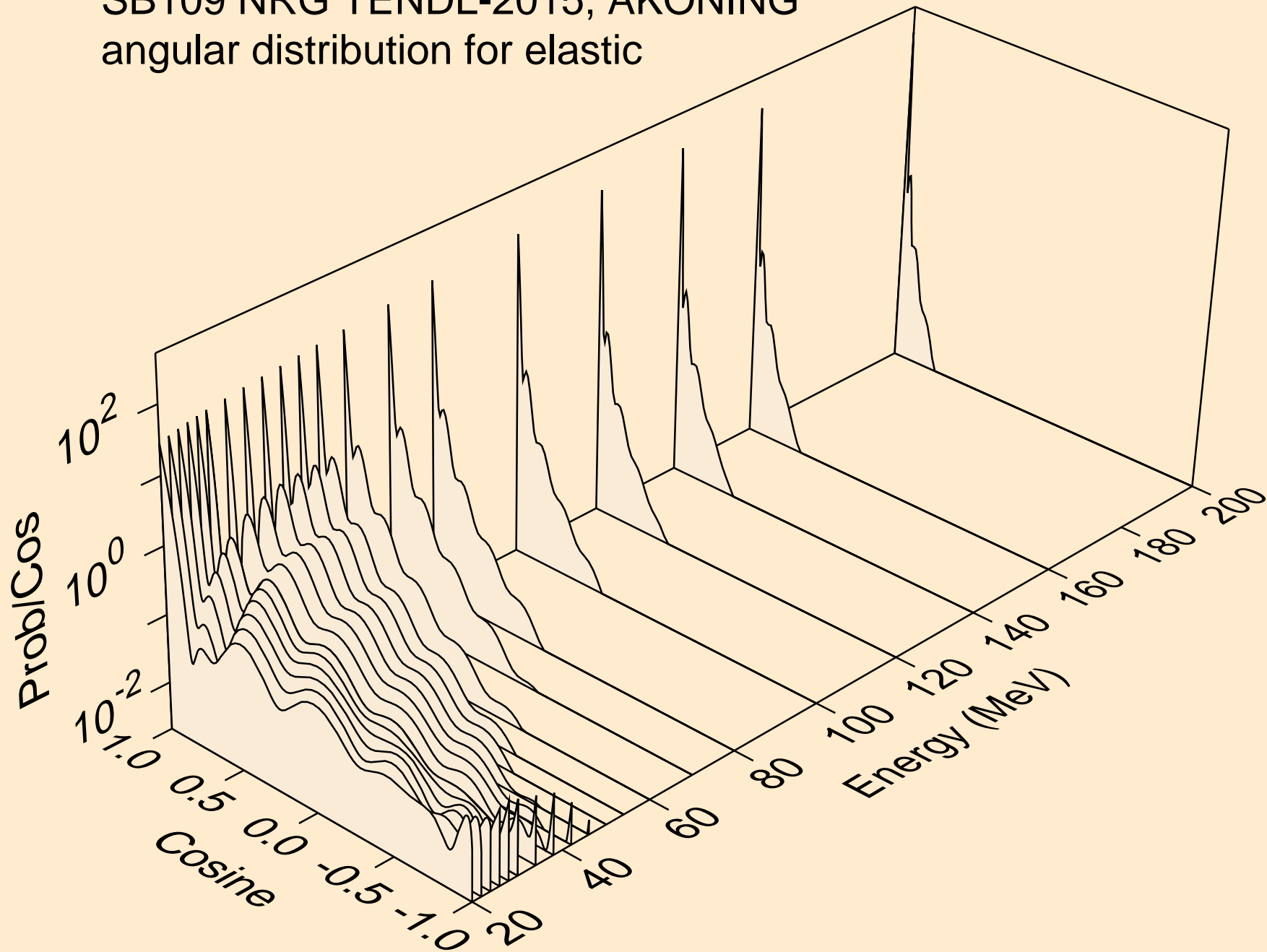
## Threshold reactions



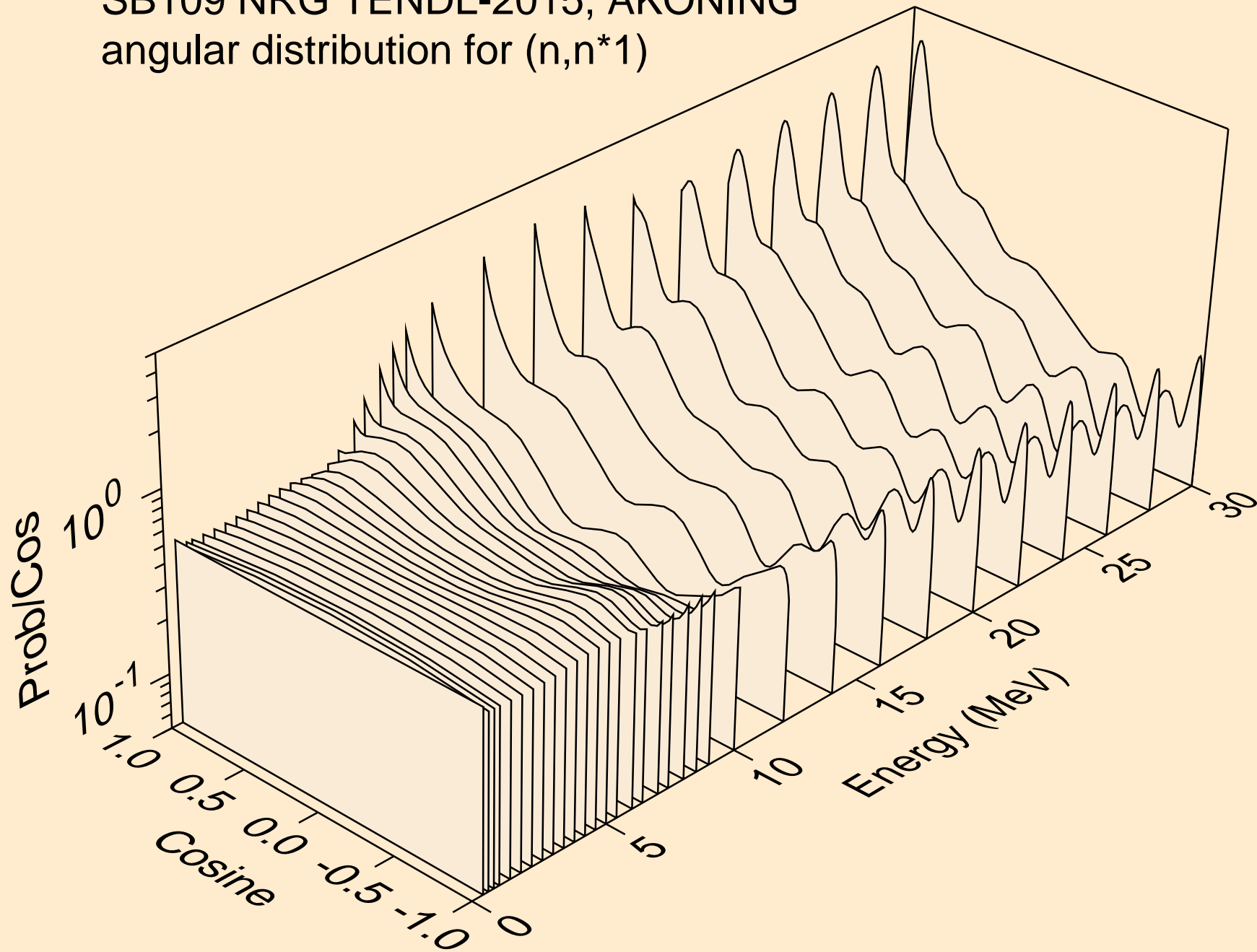
SB109 NRG TENDL-2015, AKONING  
angular distribution for elastic



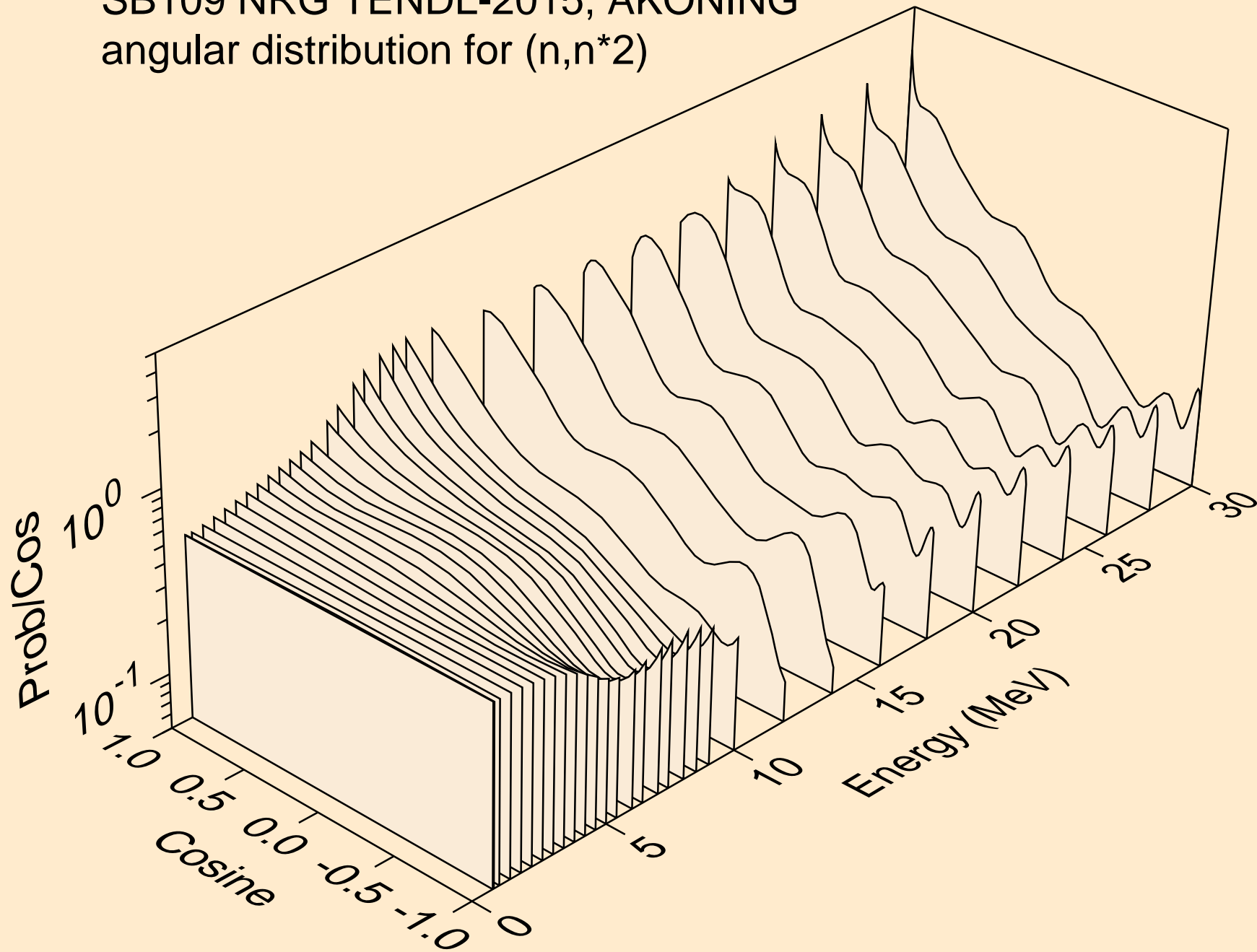
SB109 NRG TENDL-2015, AKONING  
angular distribution for elastic



SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

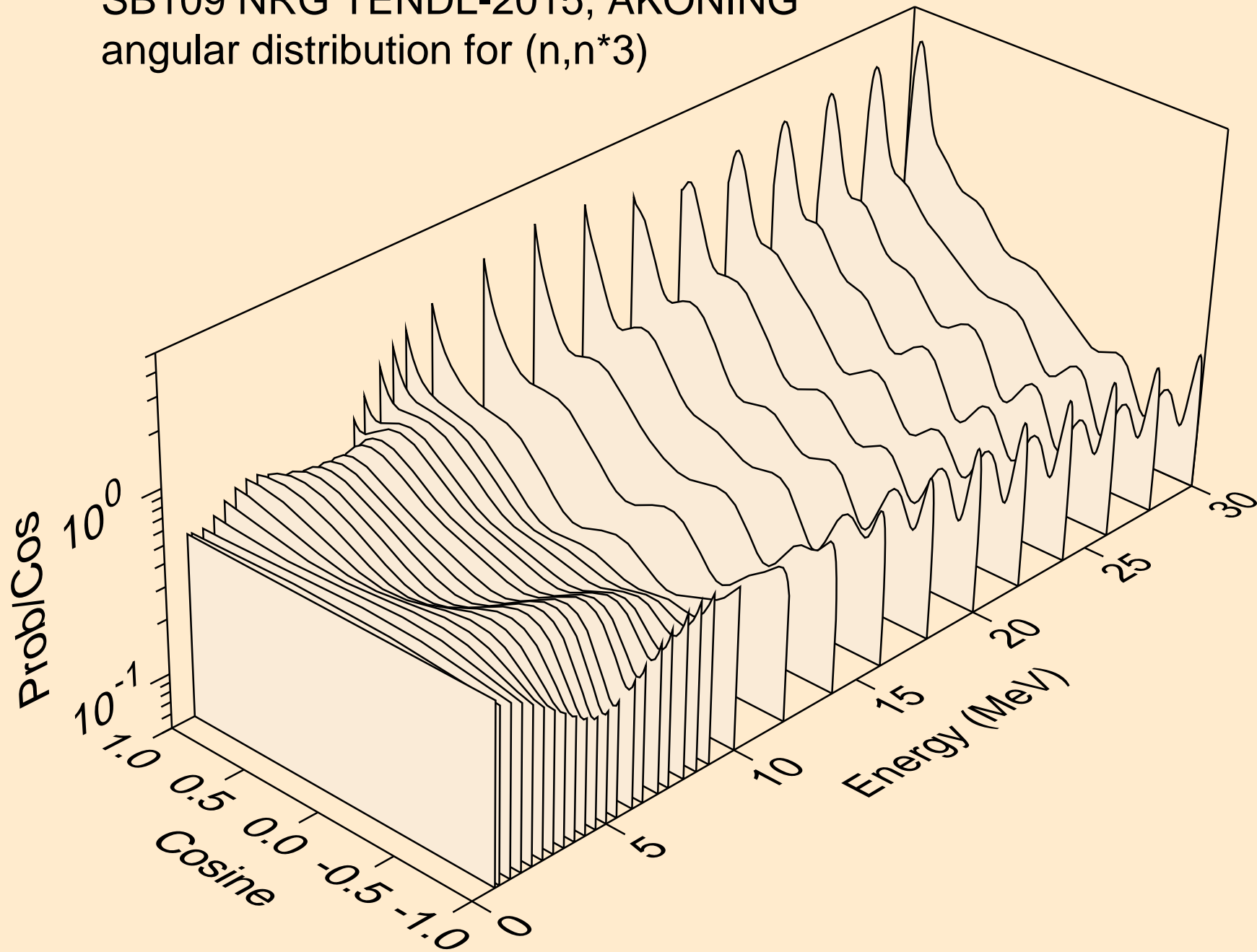


SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

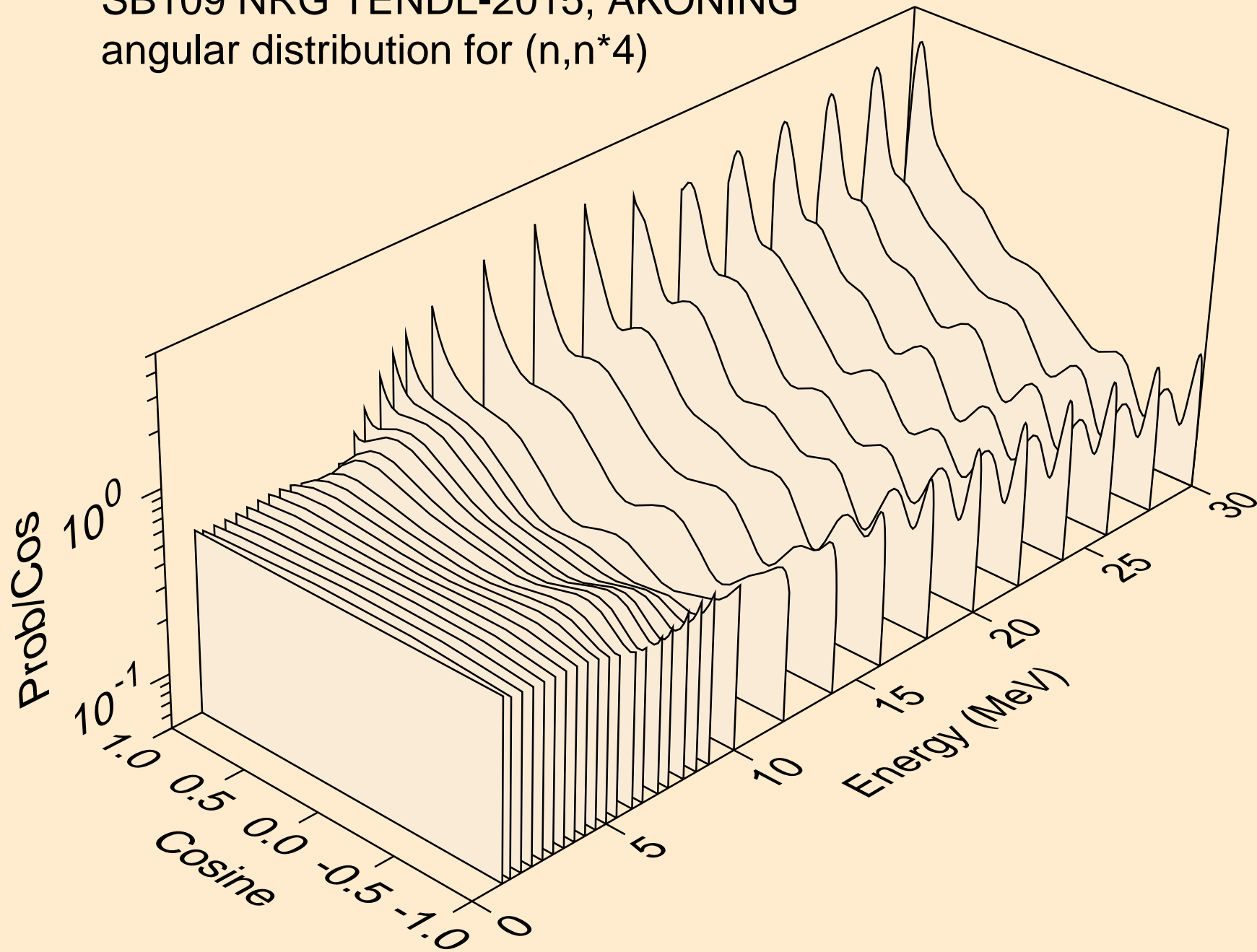




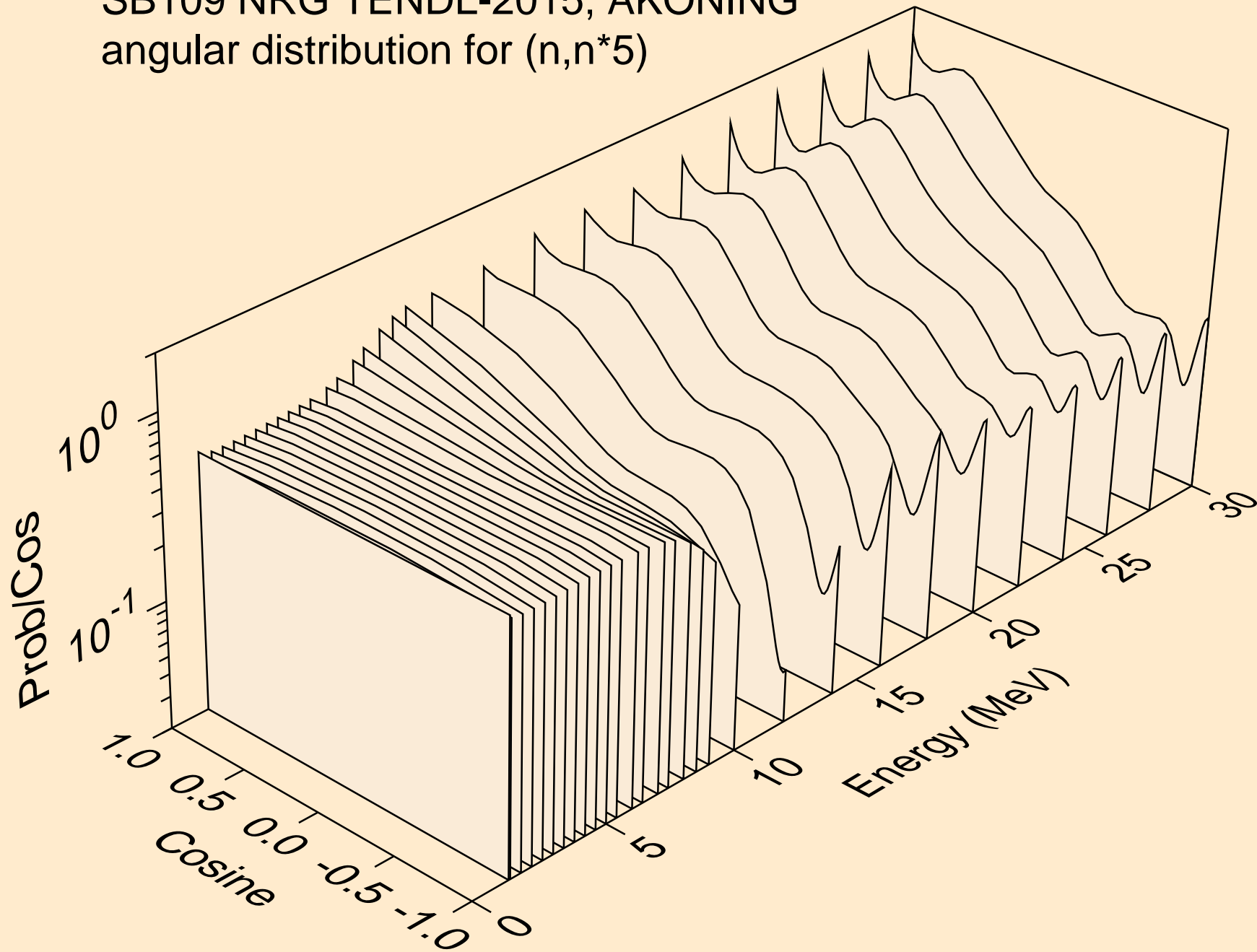
SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



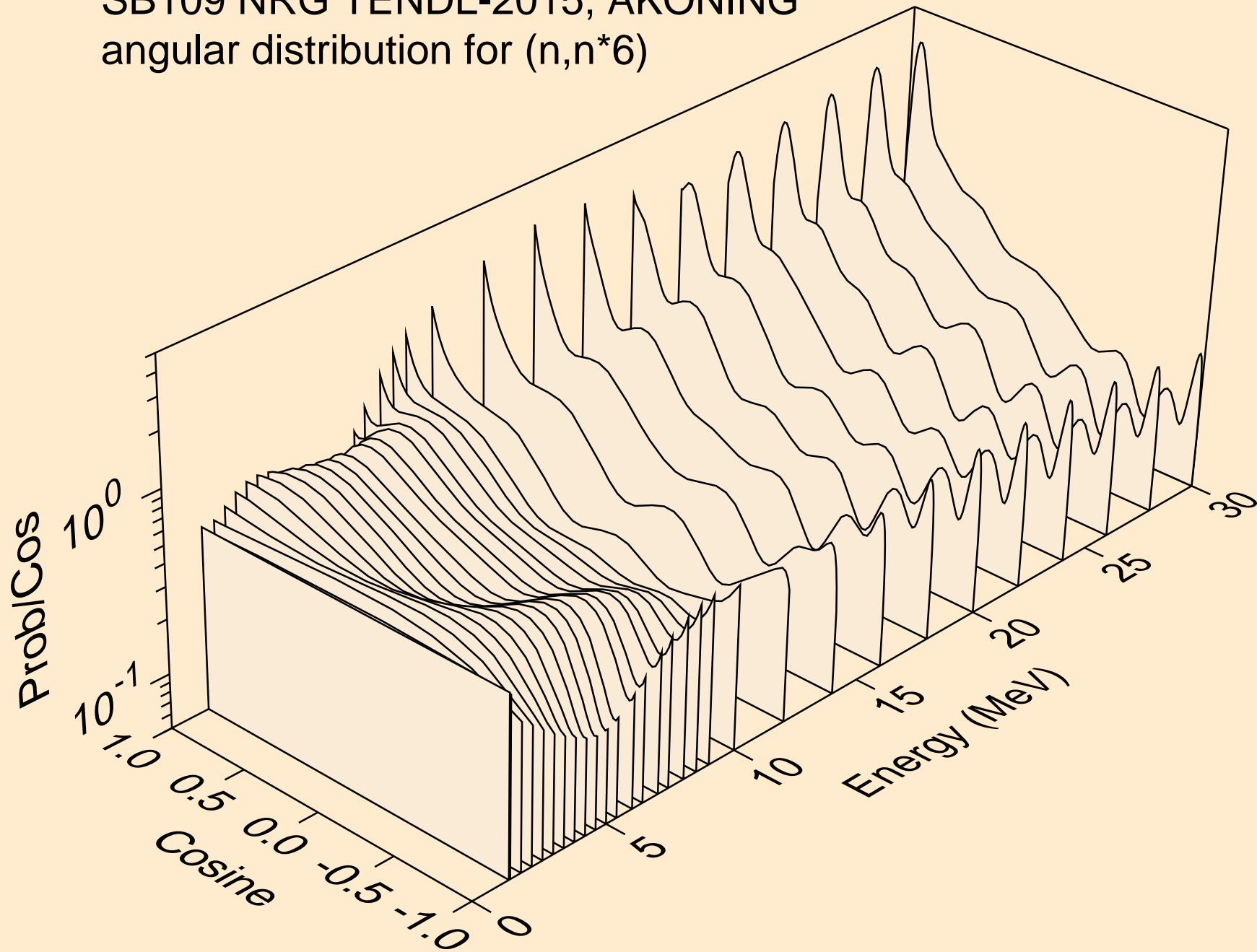
SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



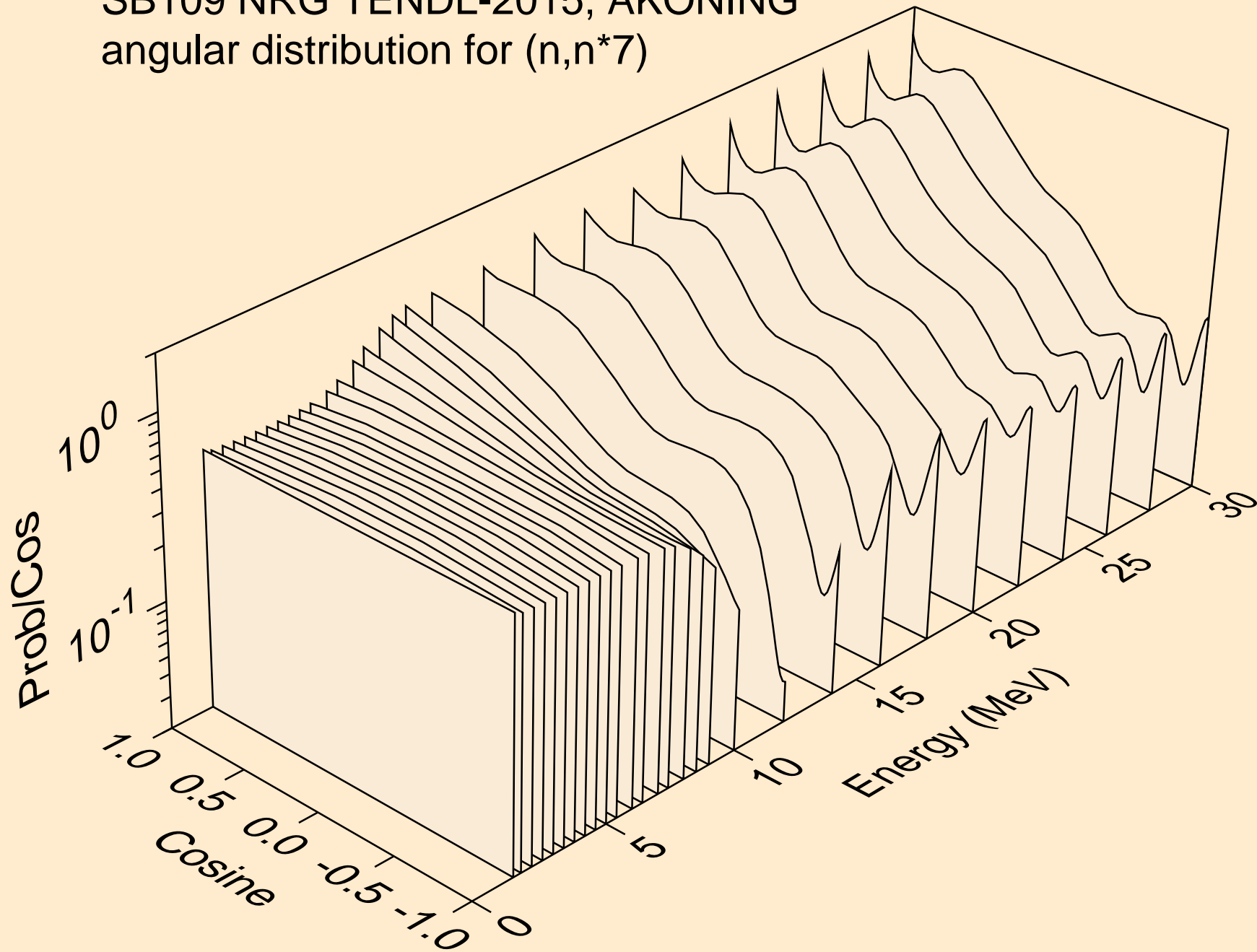
SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



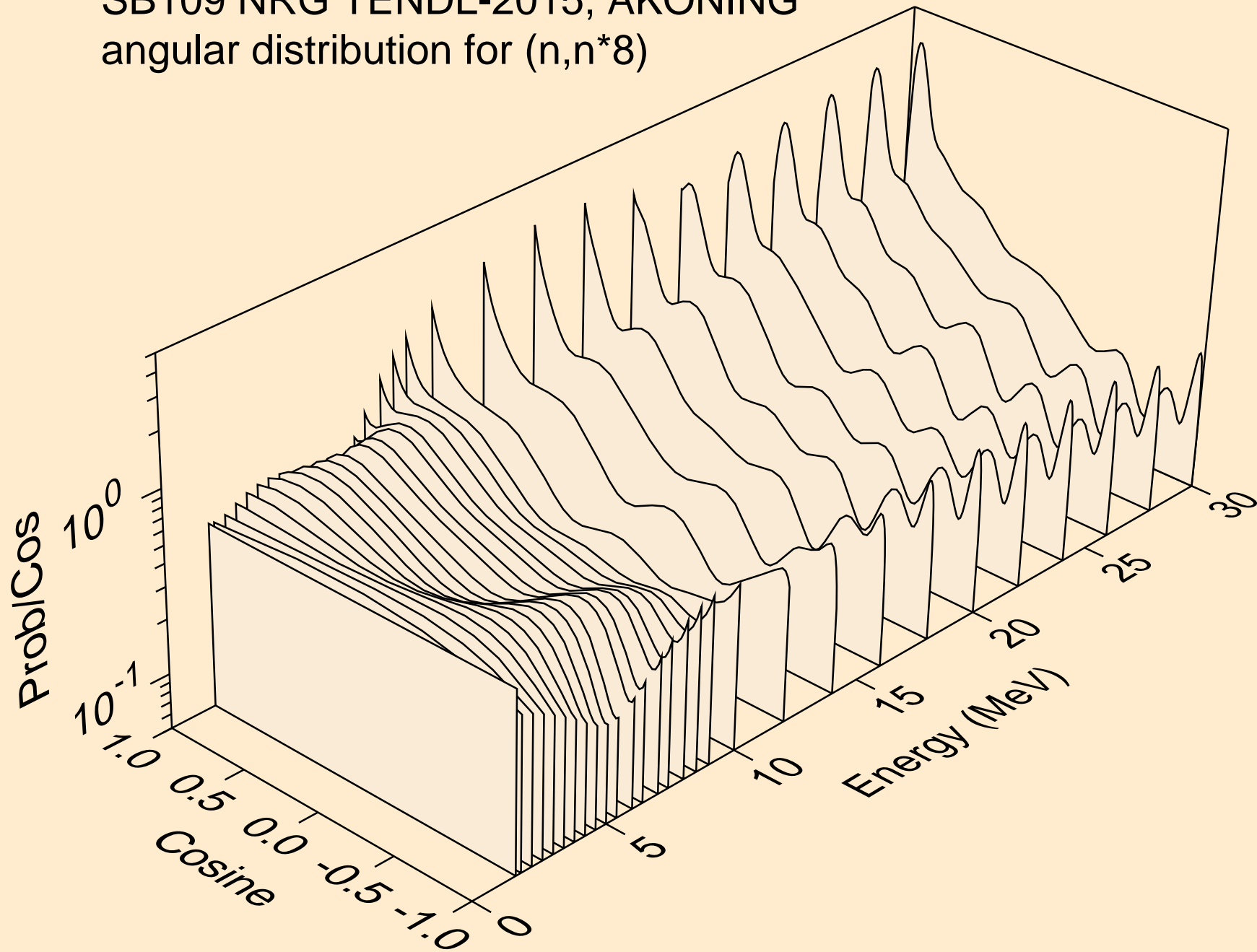
SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



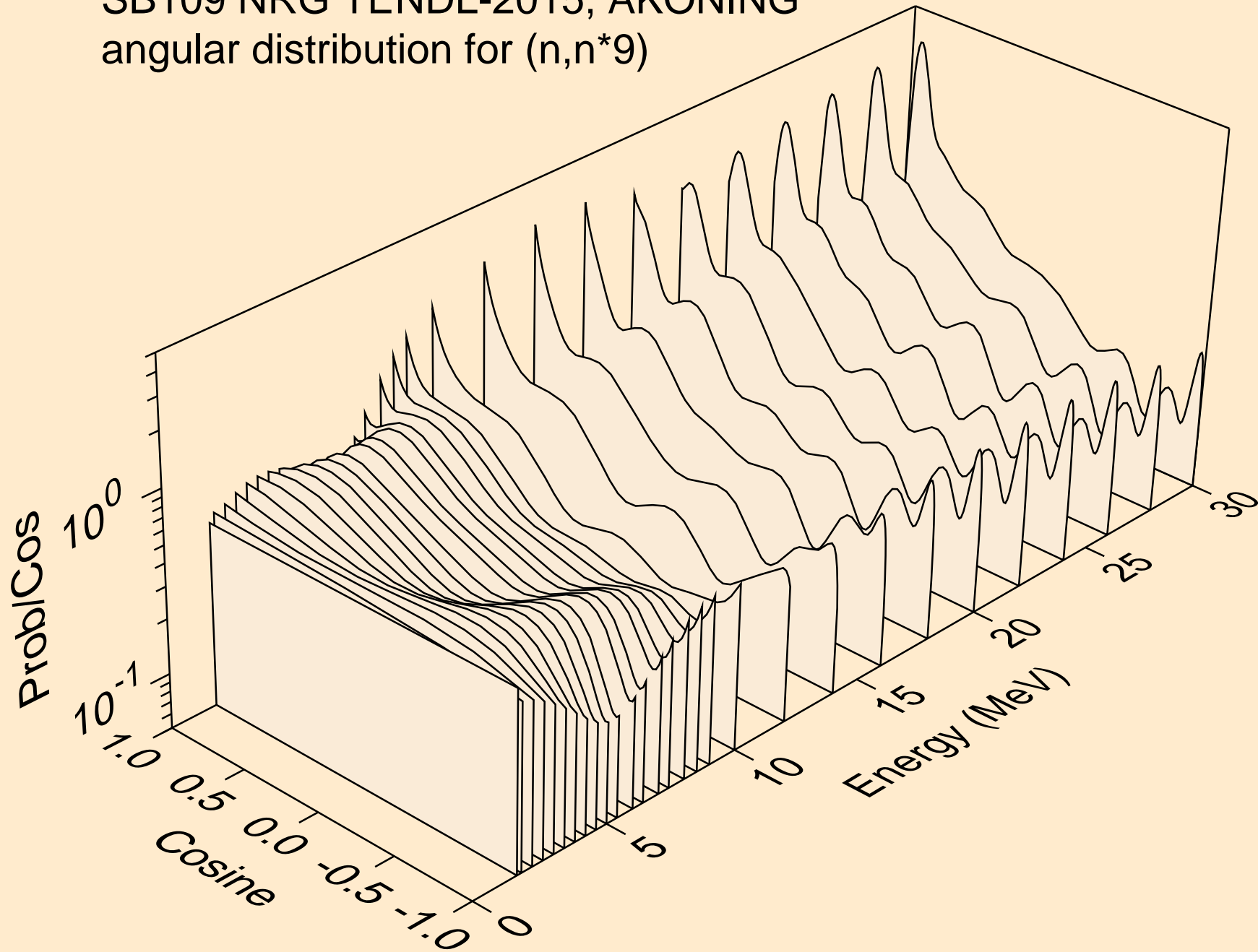
SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



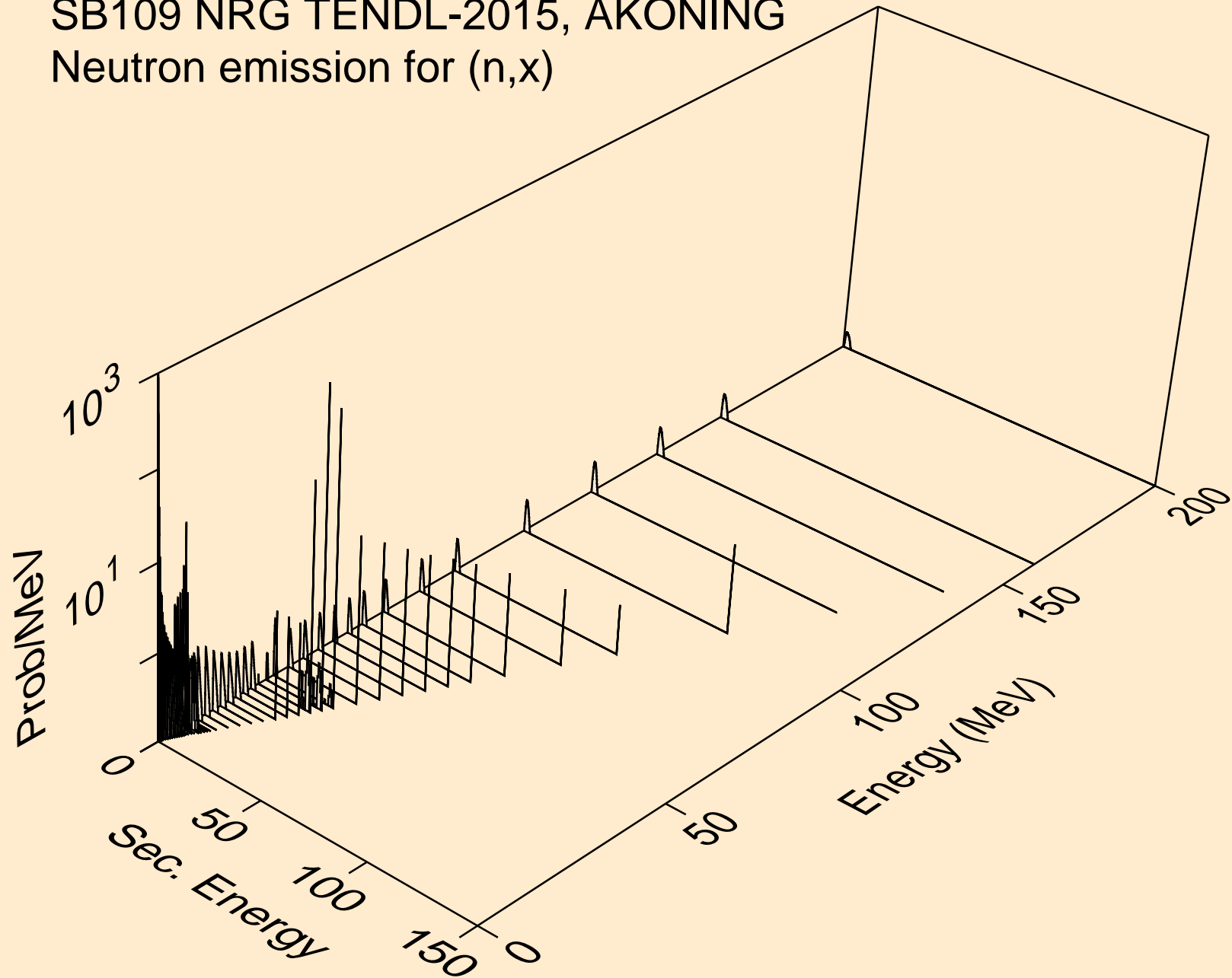
SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



SB109 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

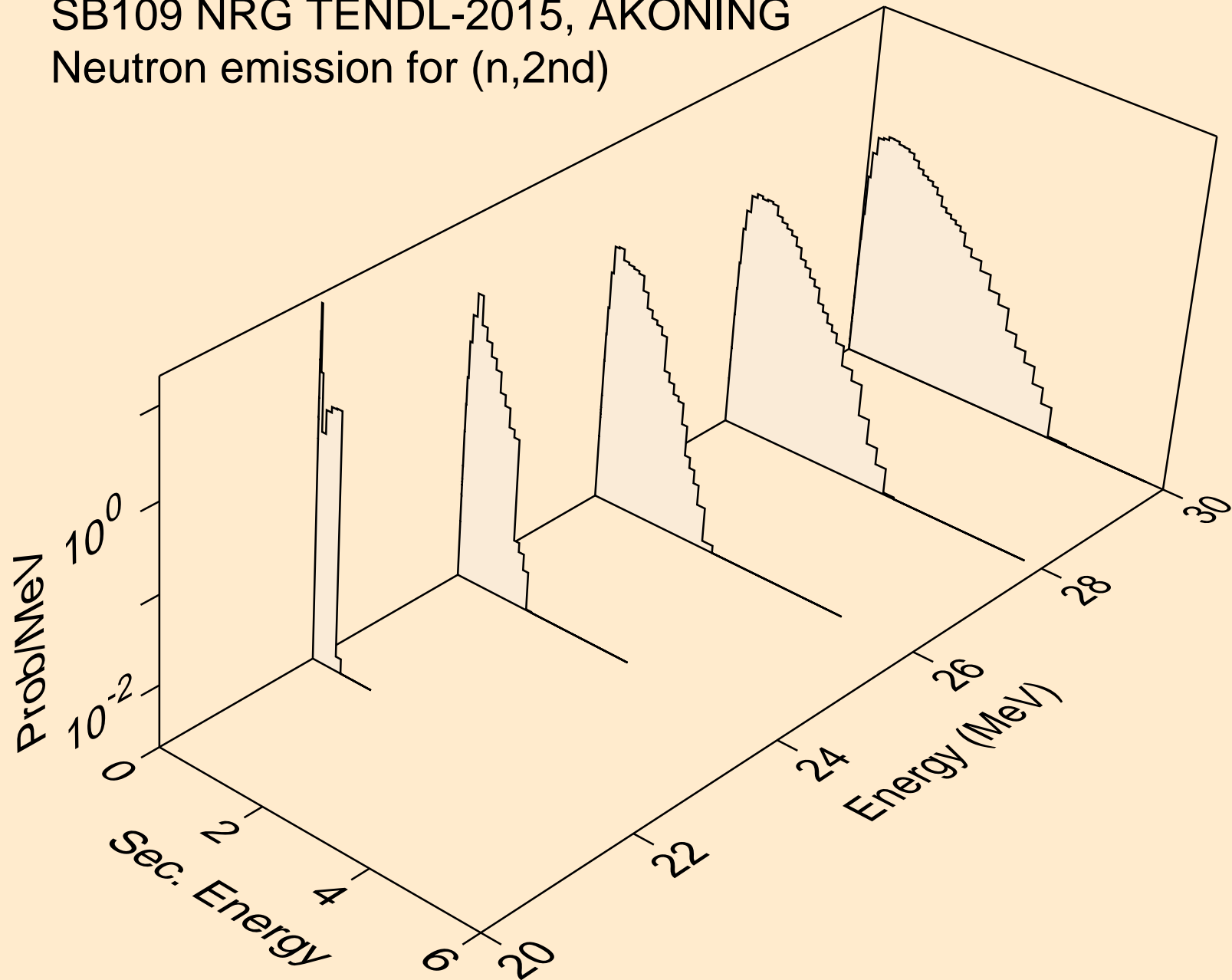


SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

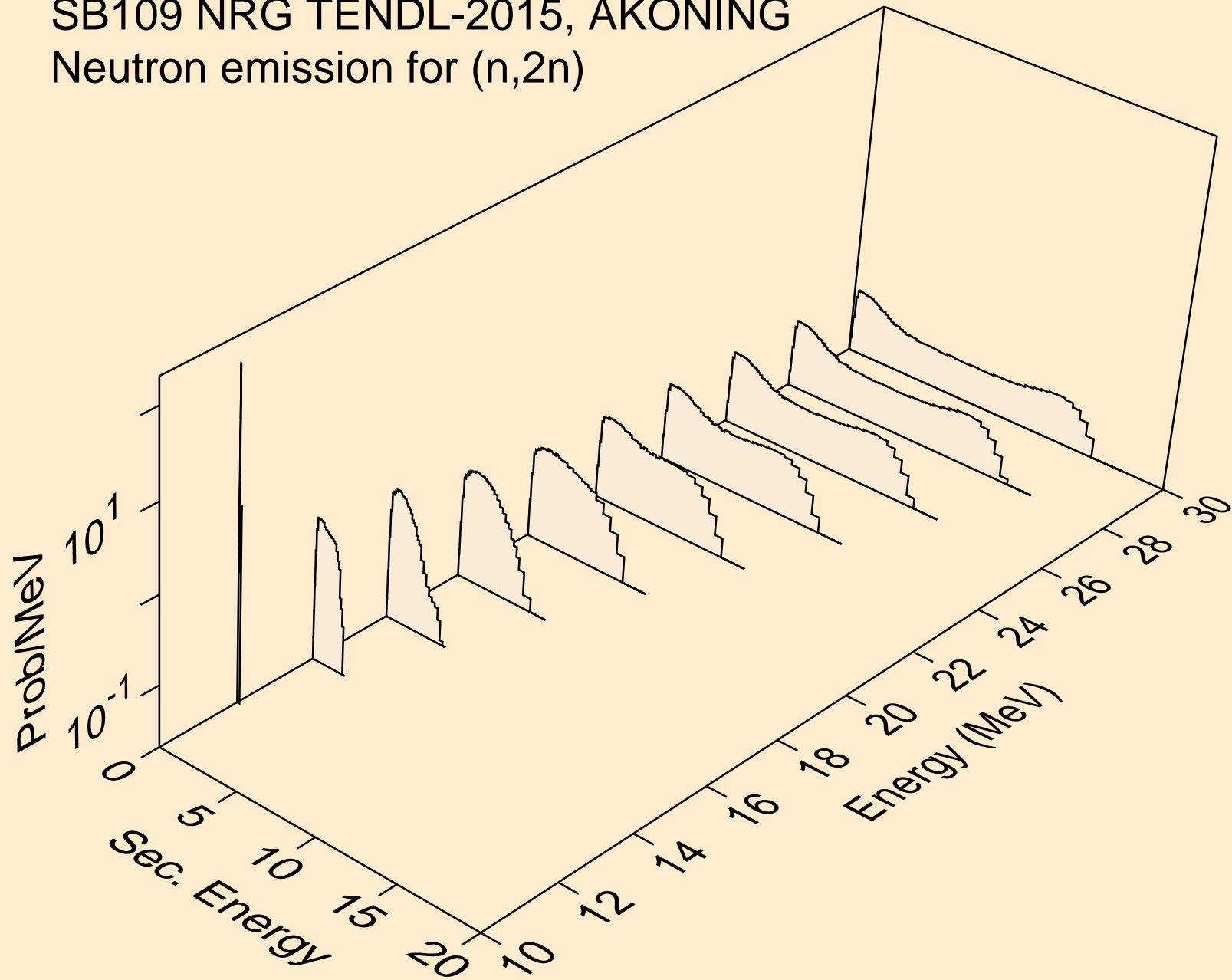




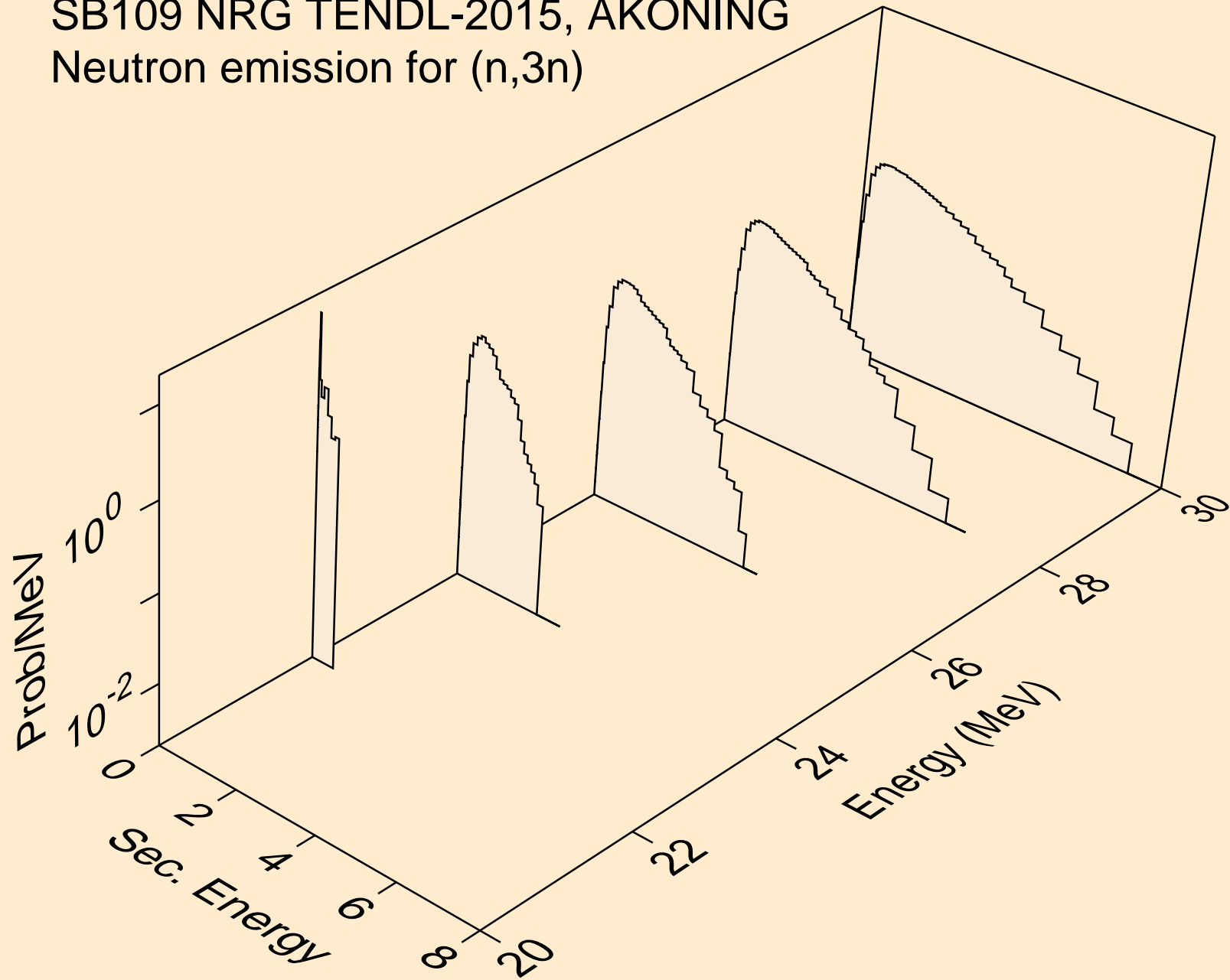
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



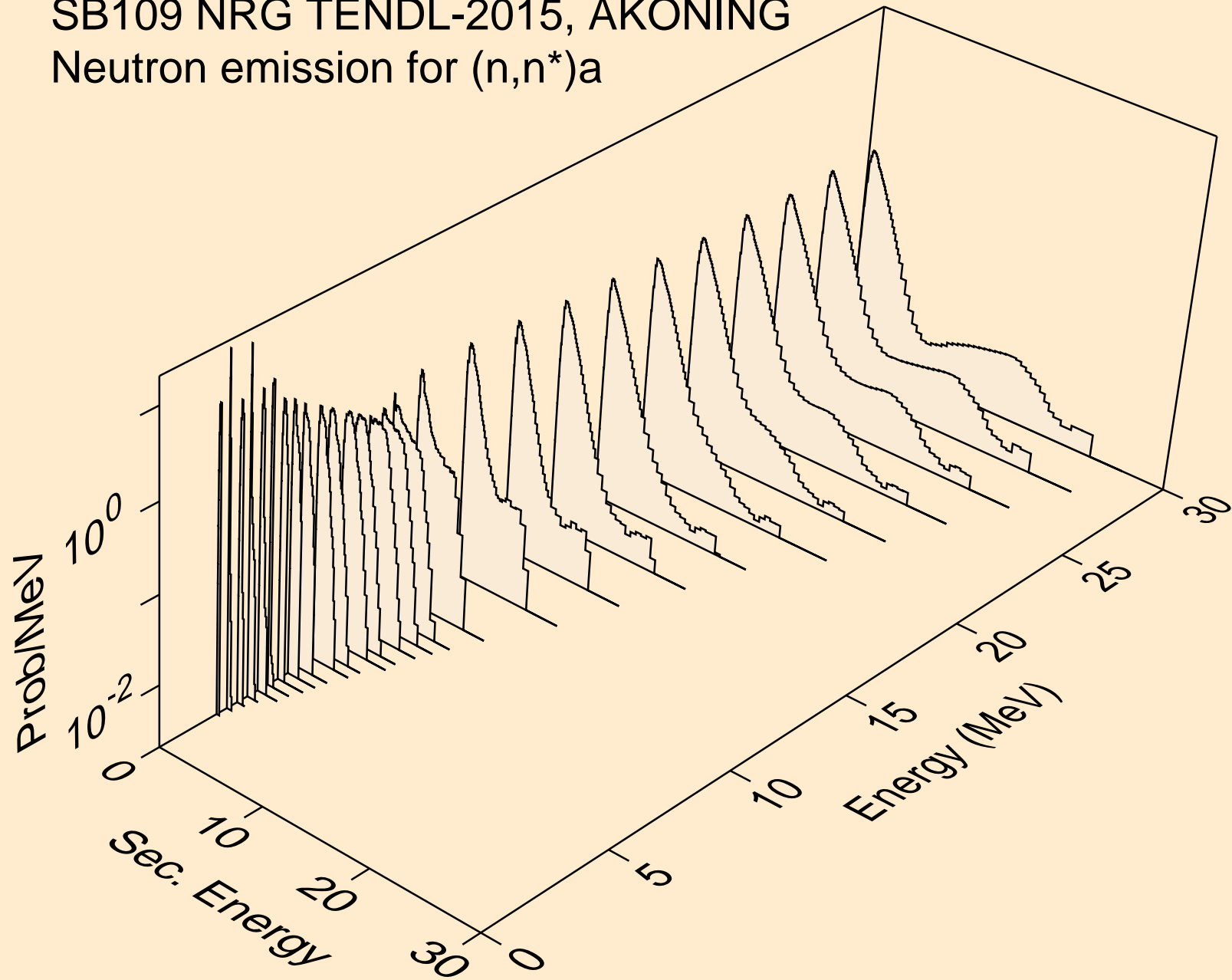
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



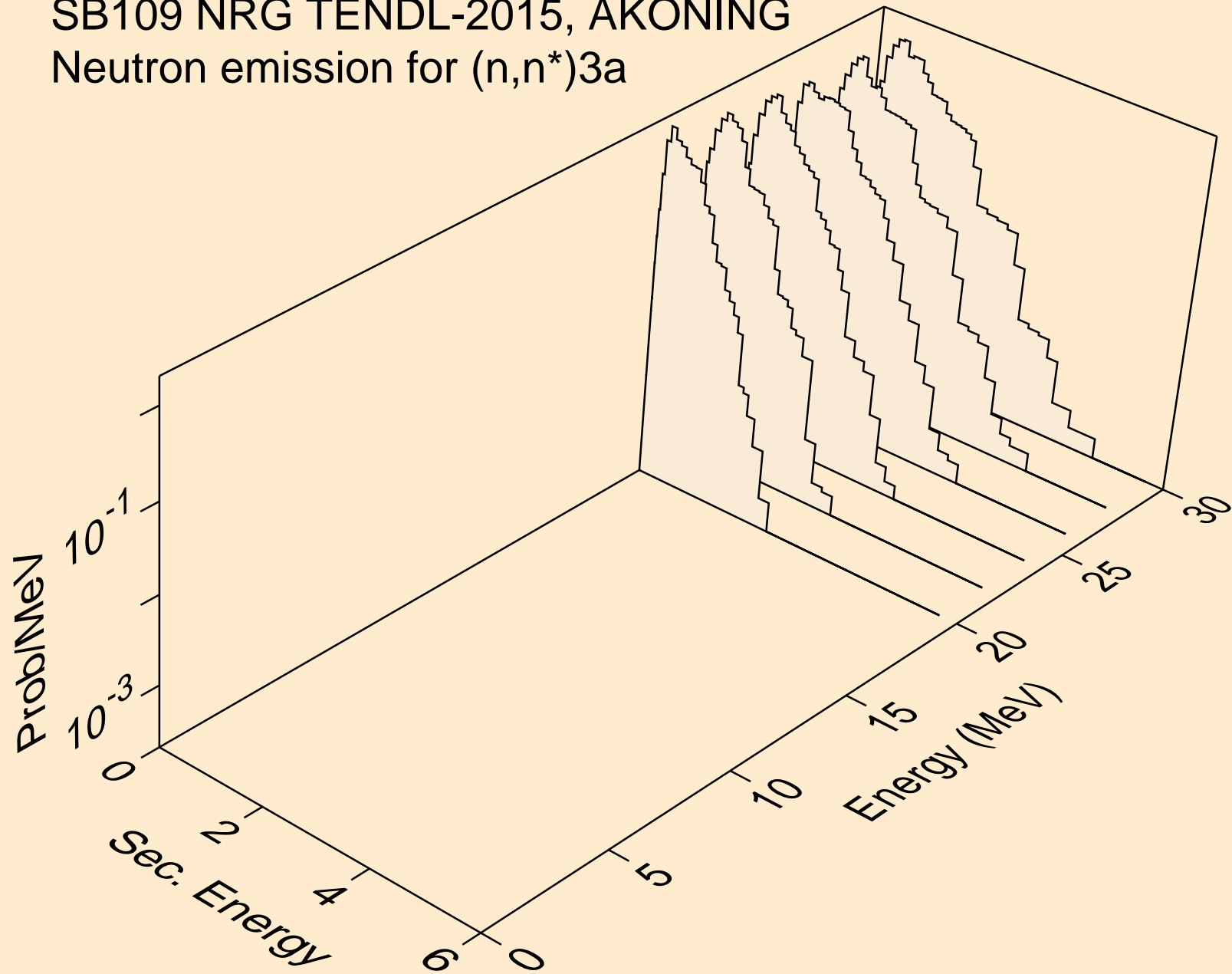
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



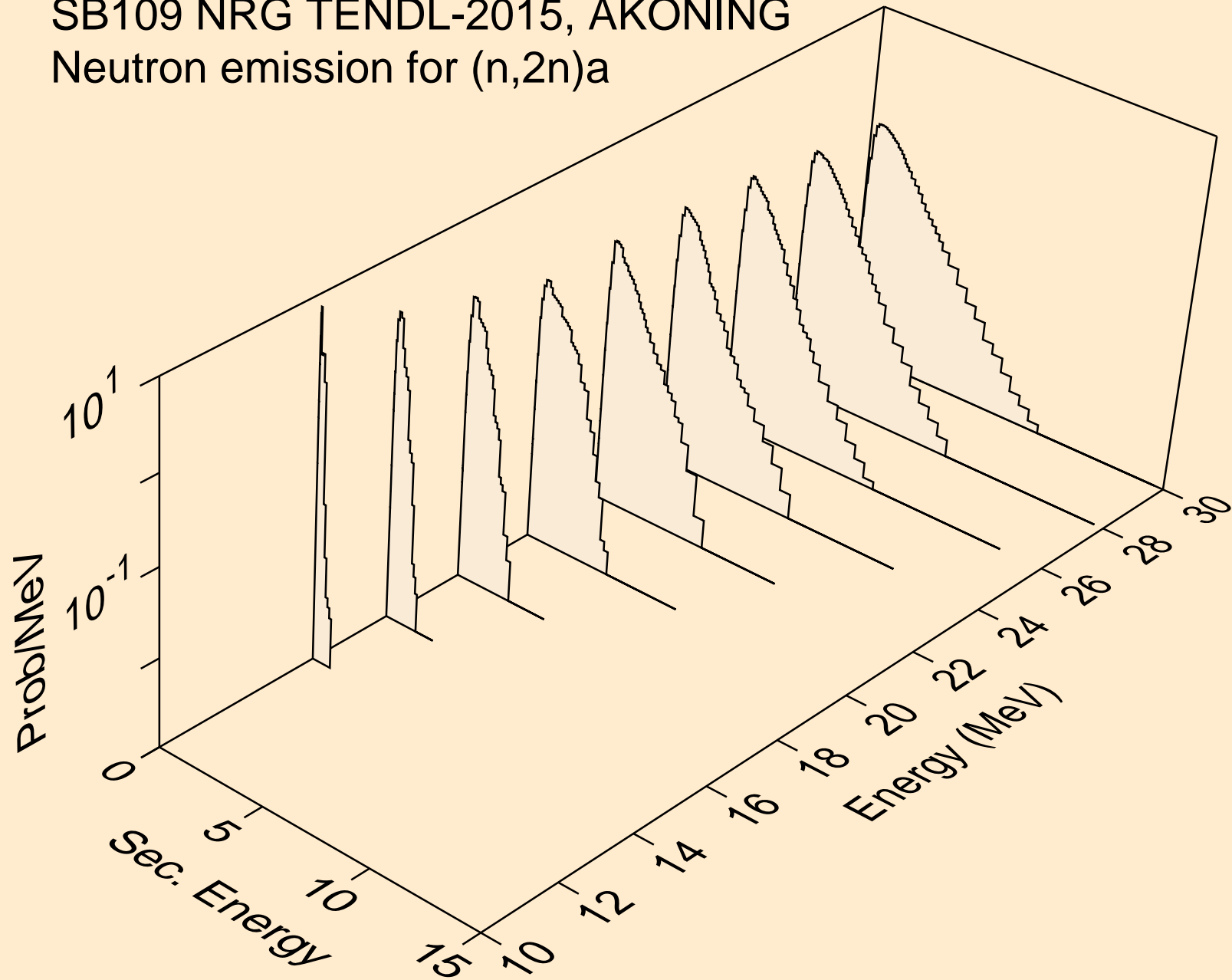
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



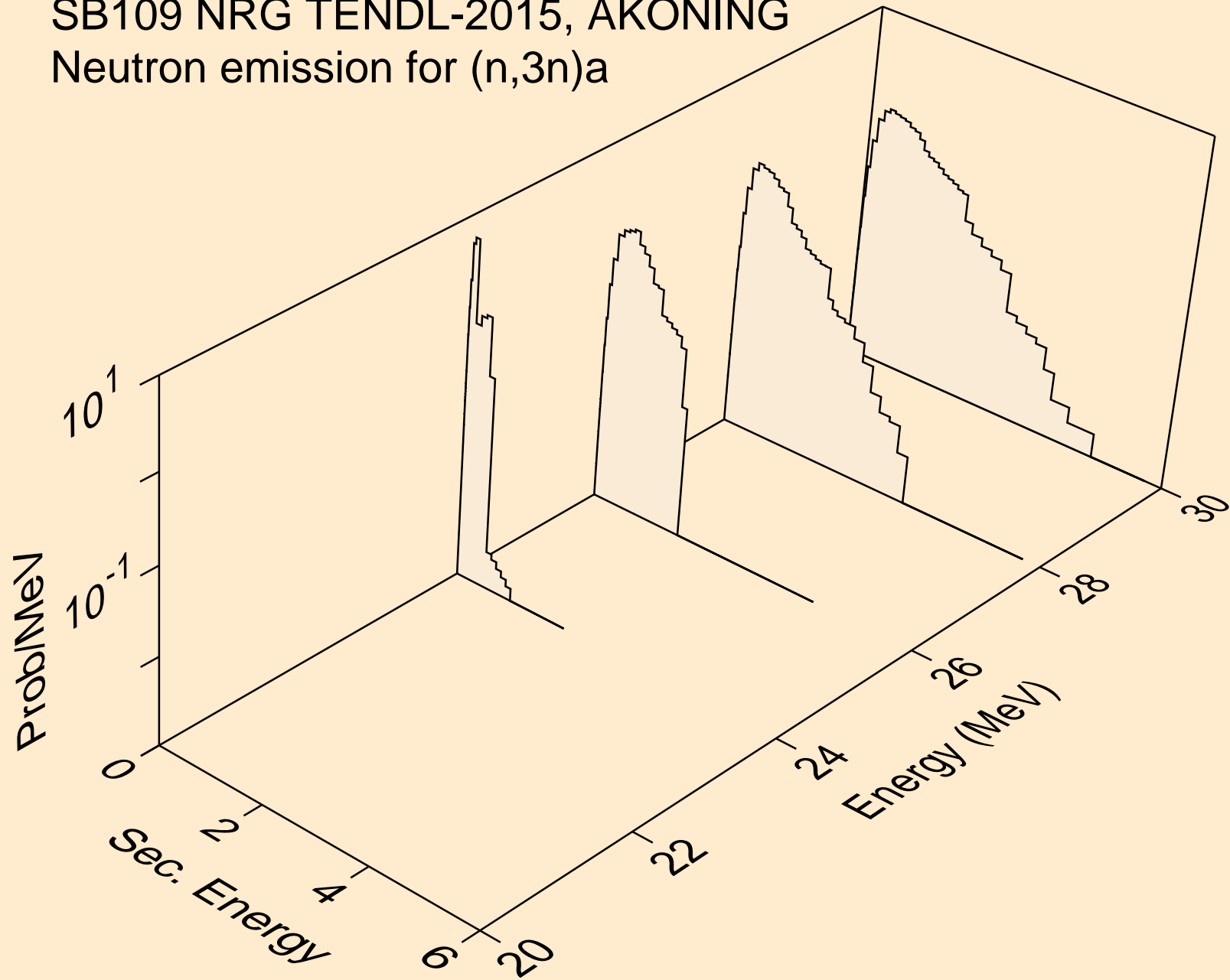
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



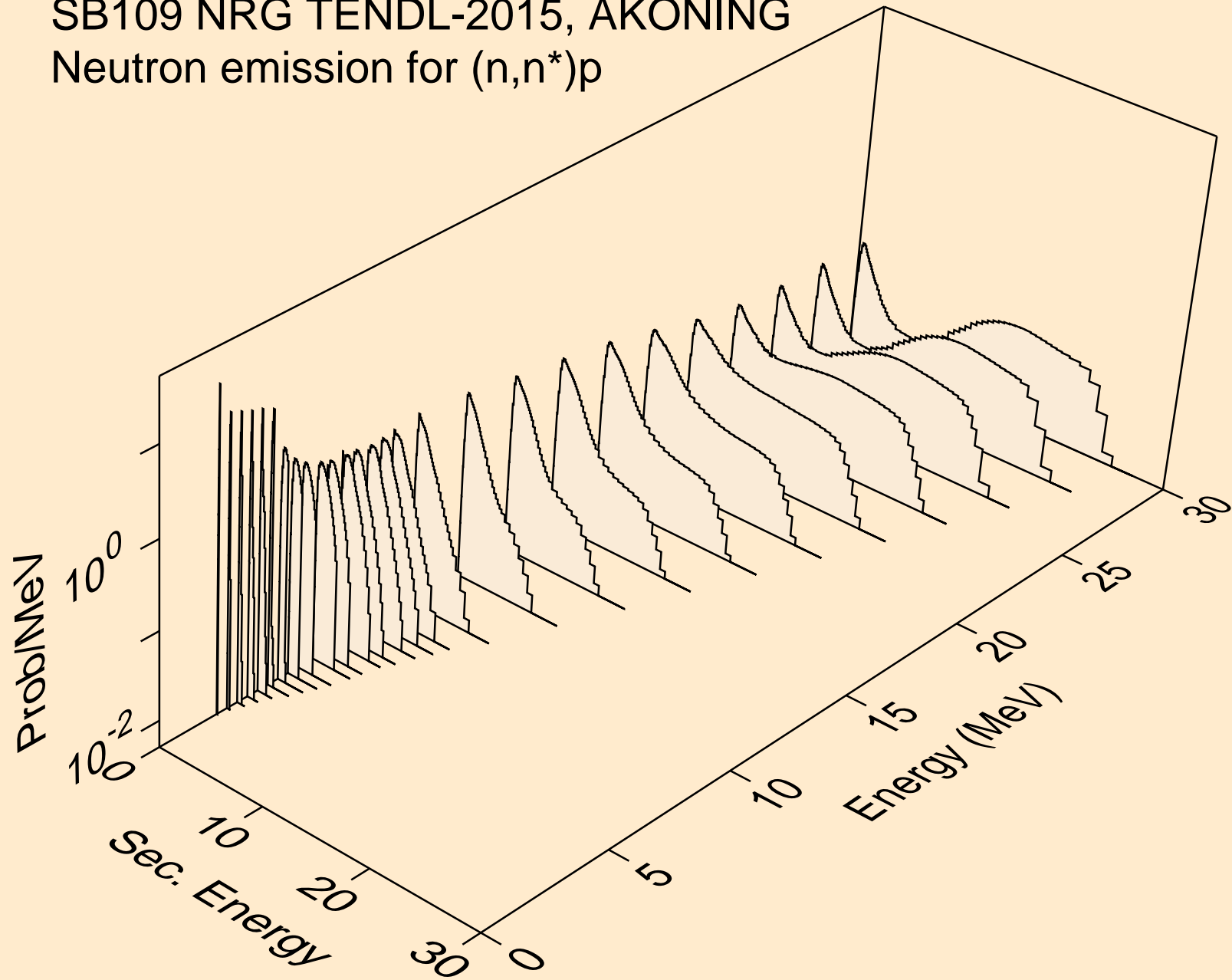
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

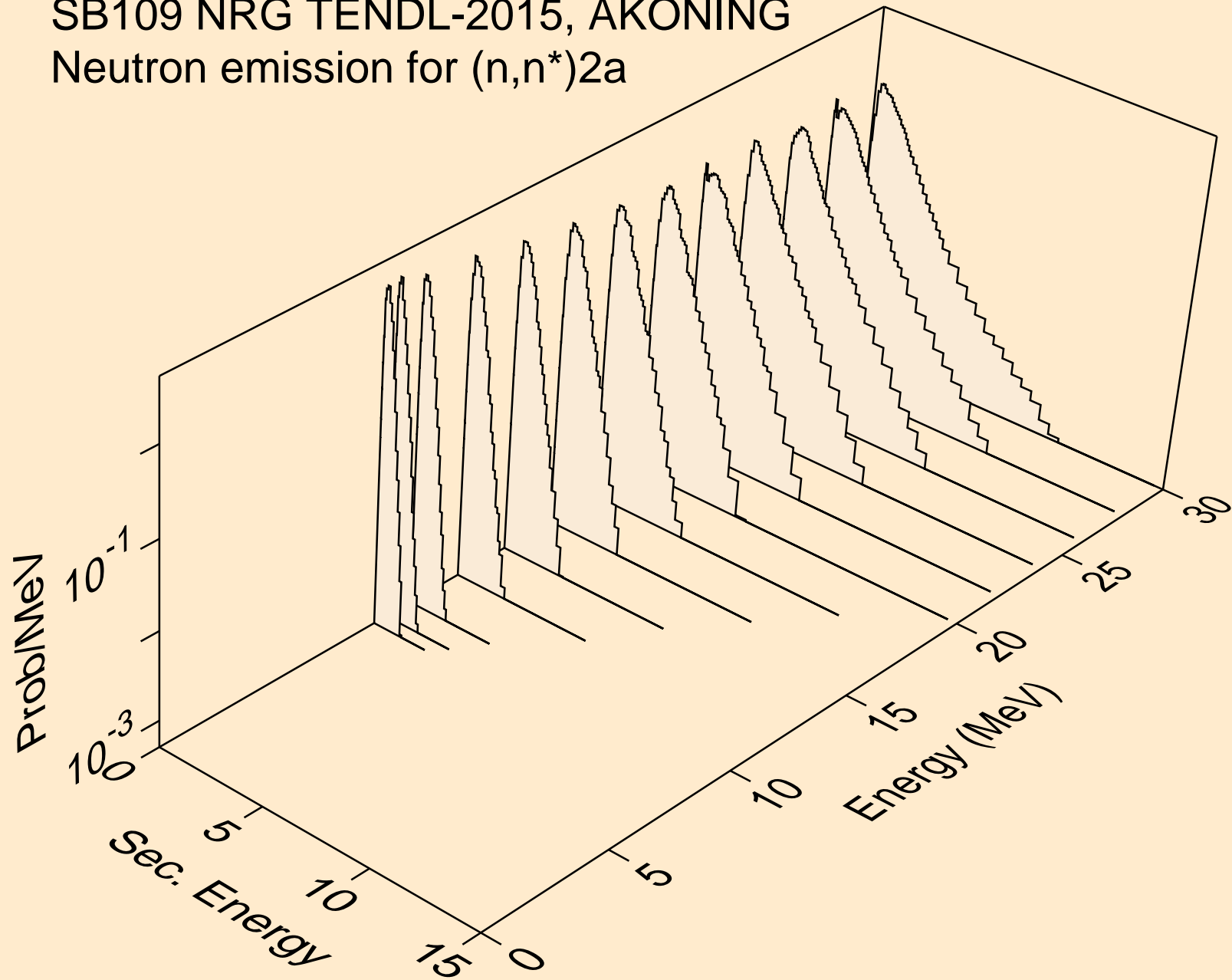


SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

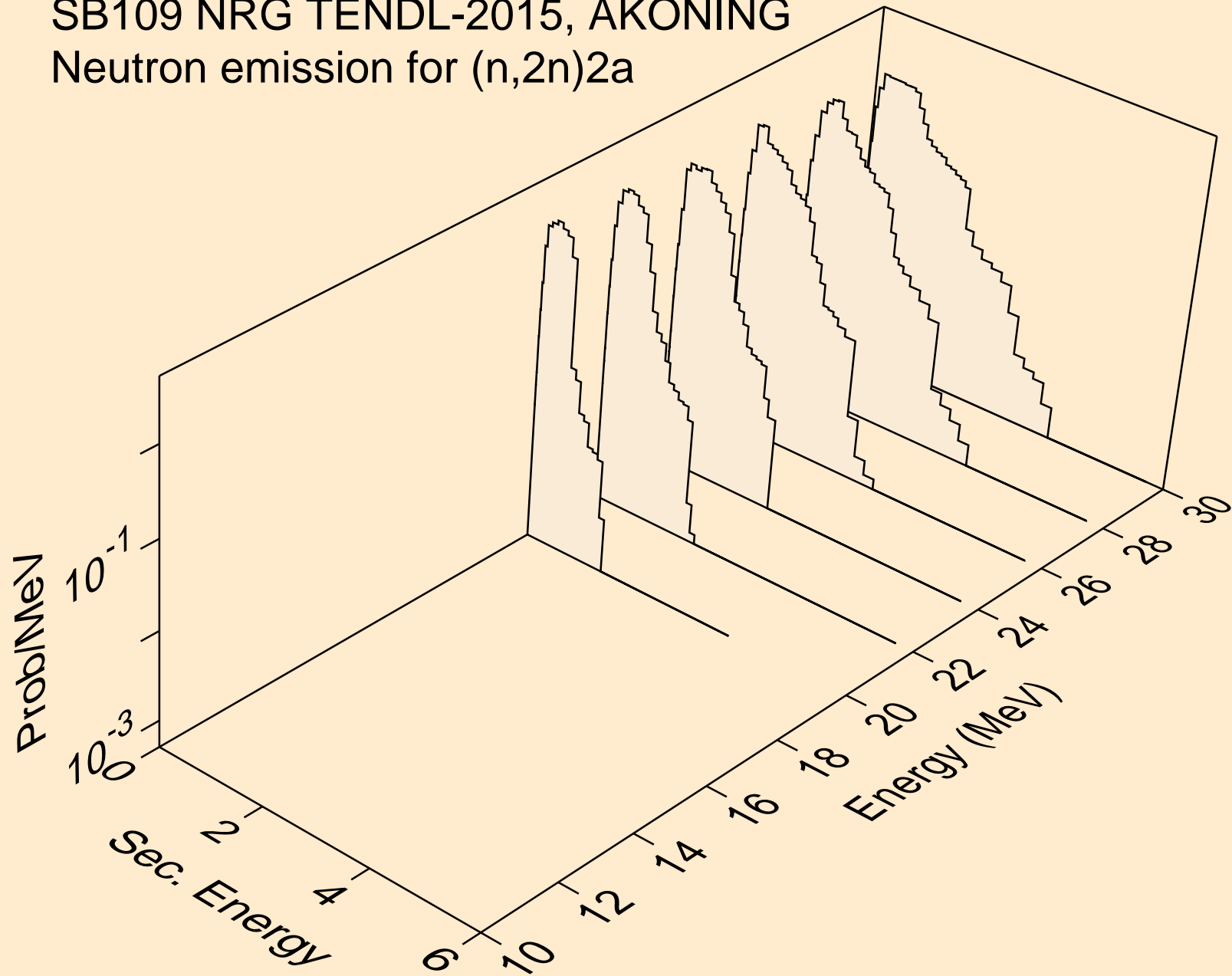




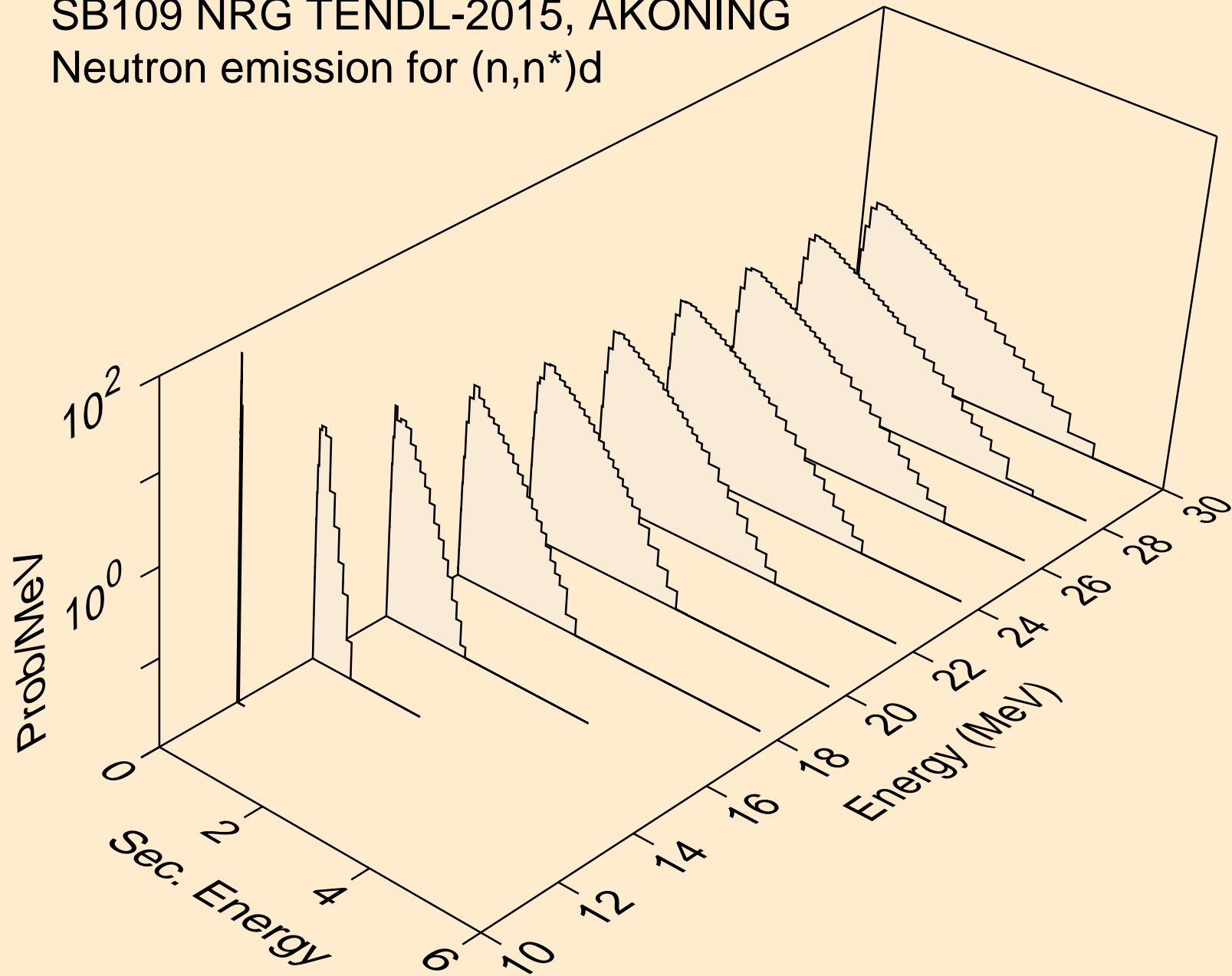
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



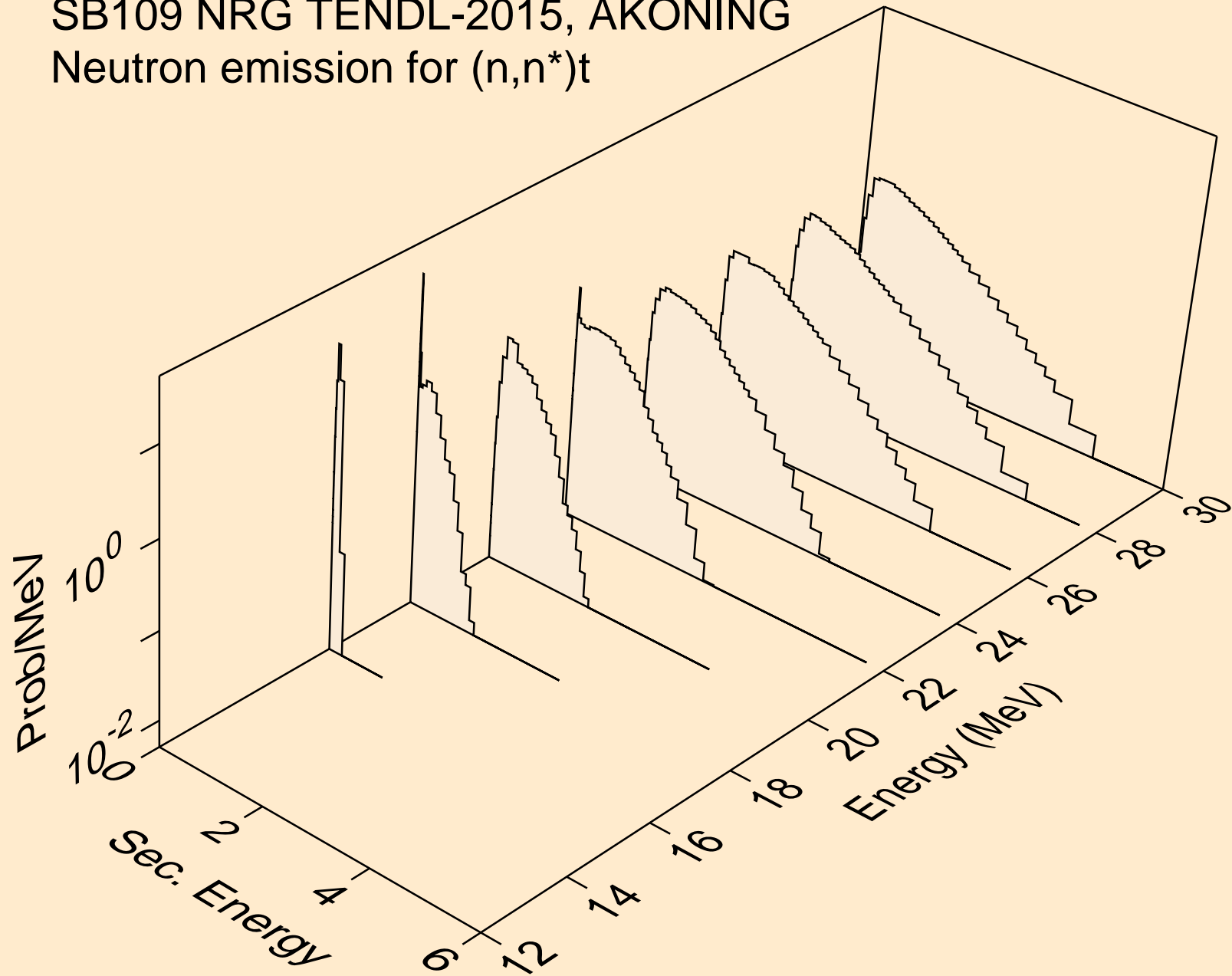
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



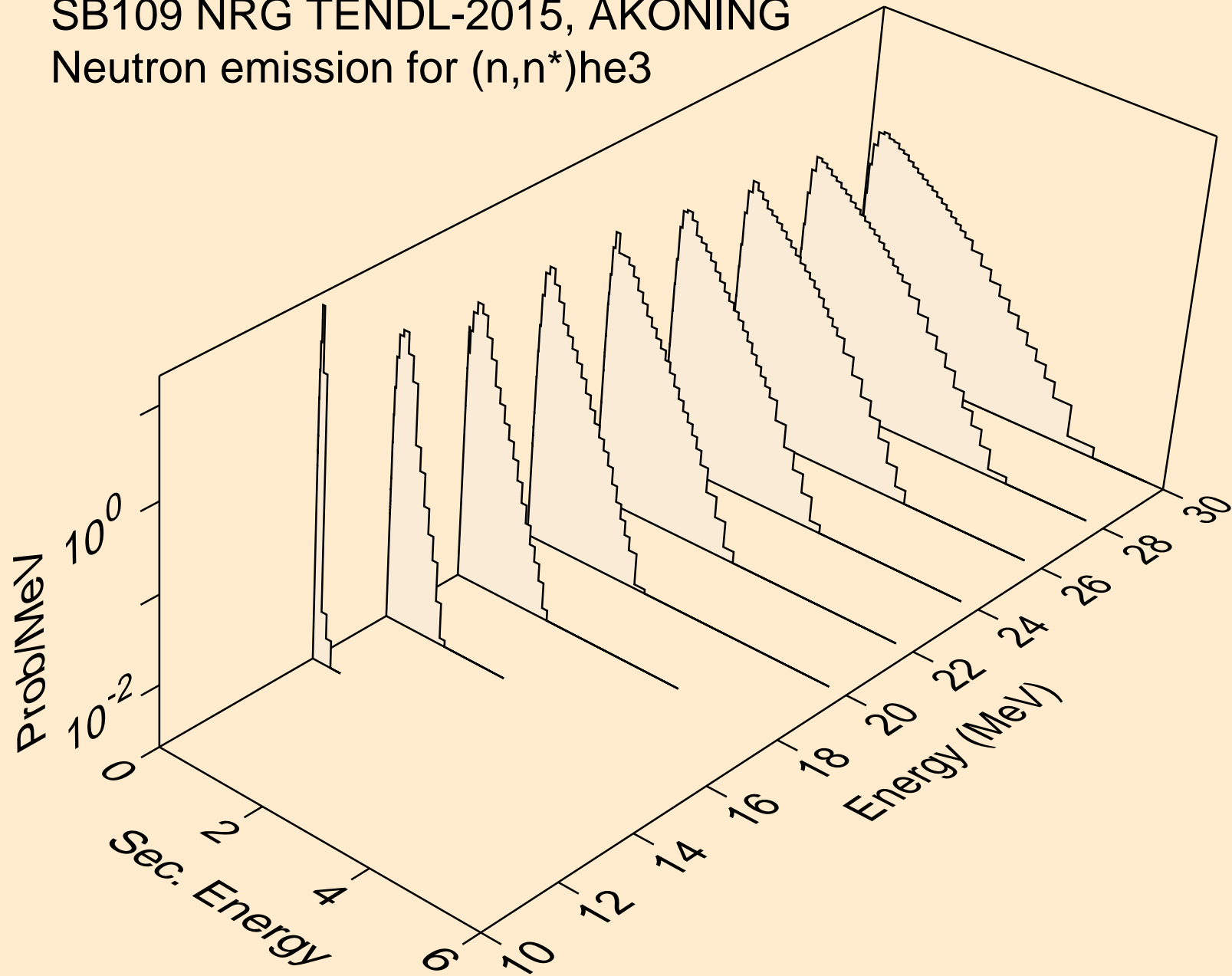
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



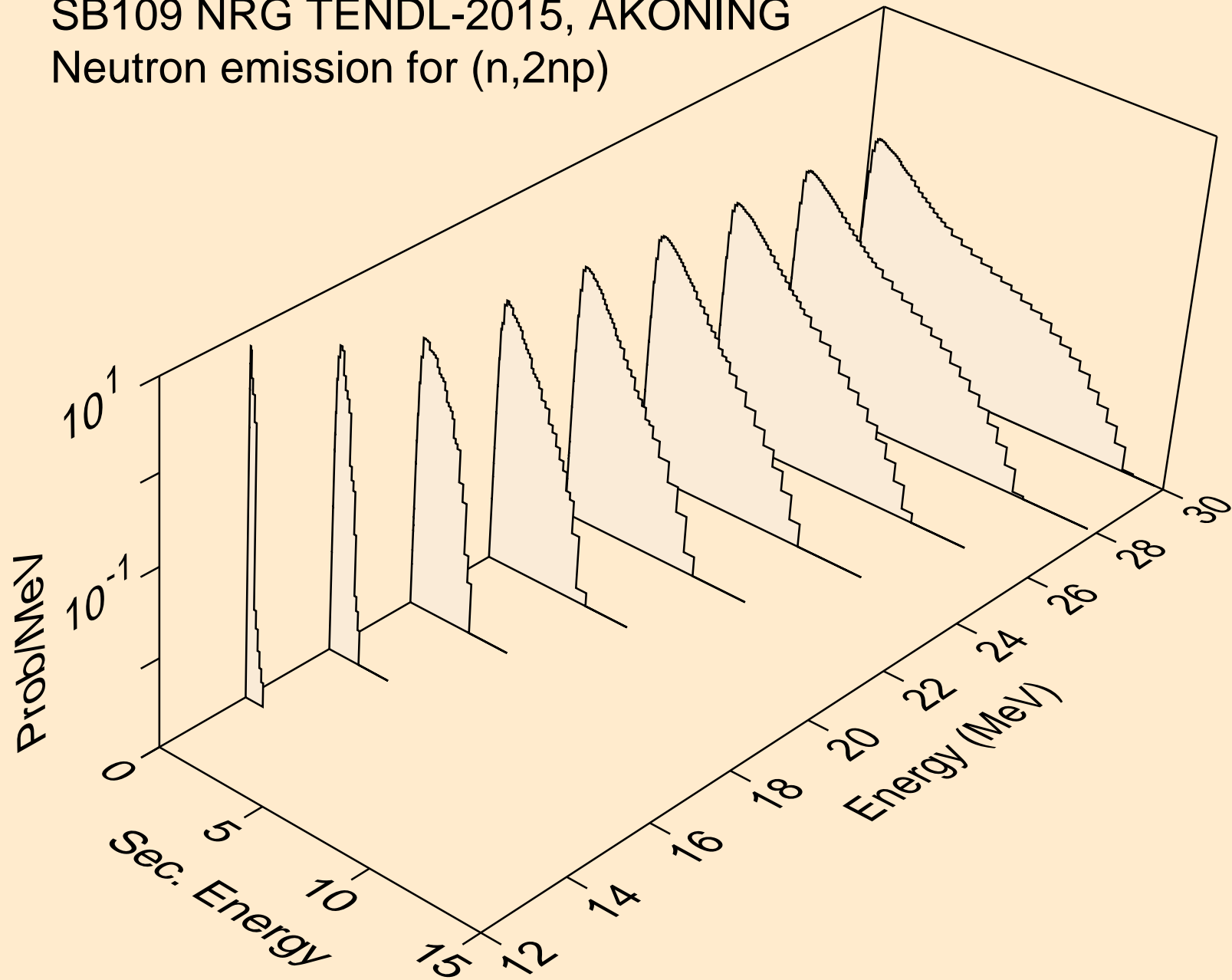
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



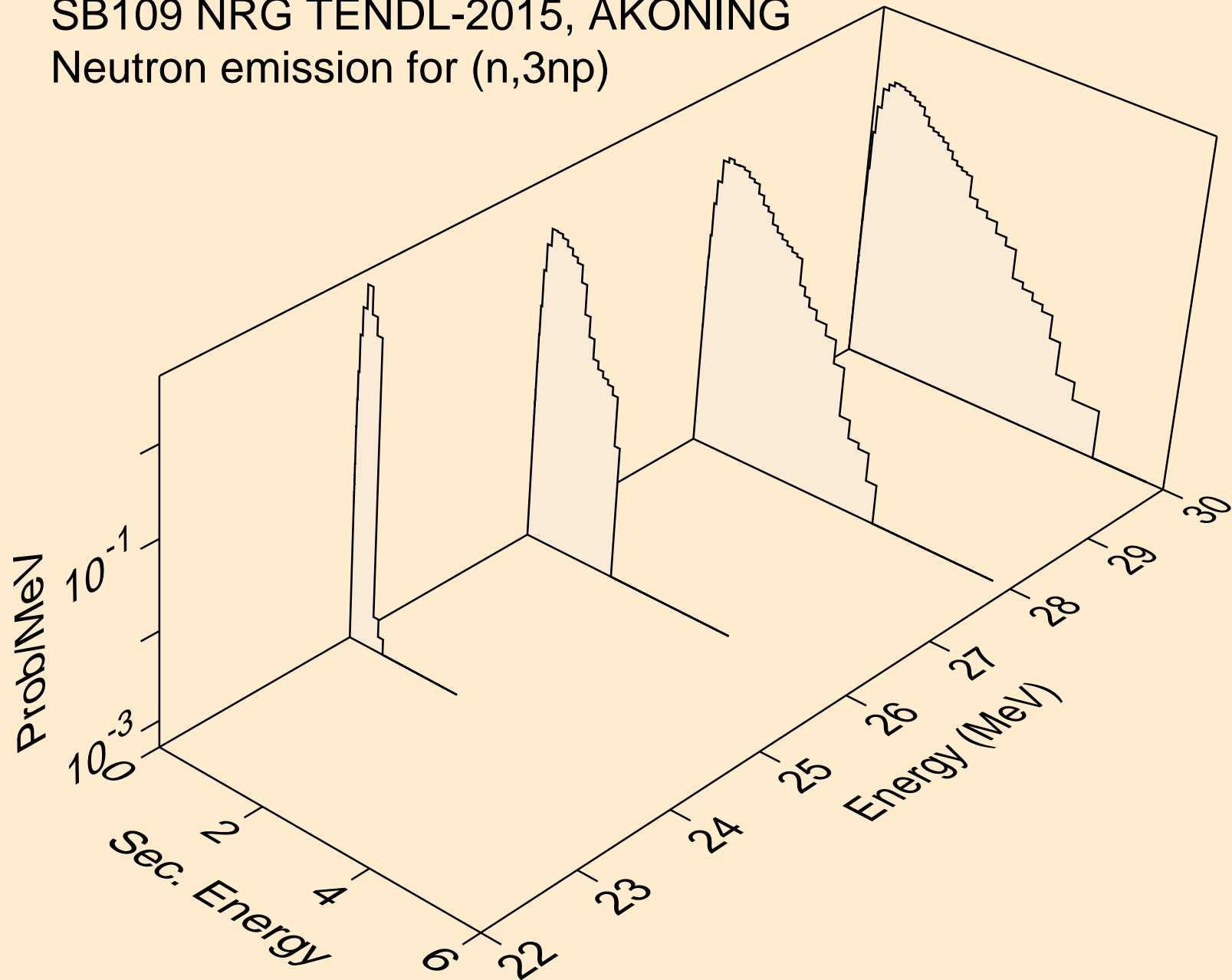
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



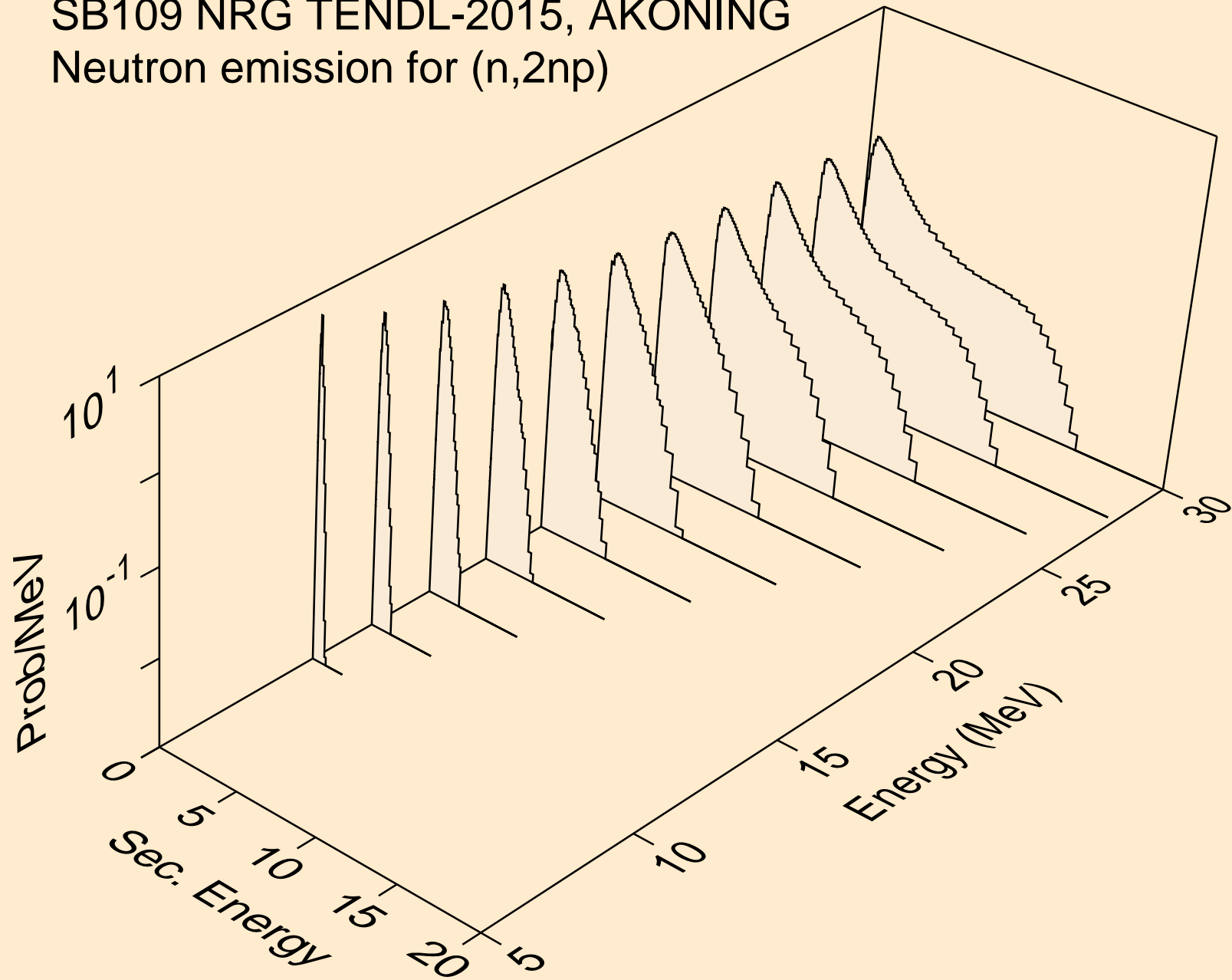
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

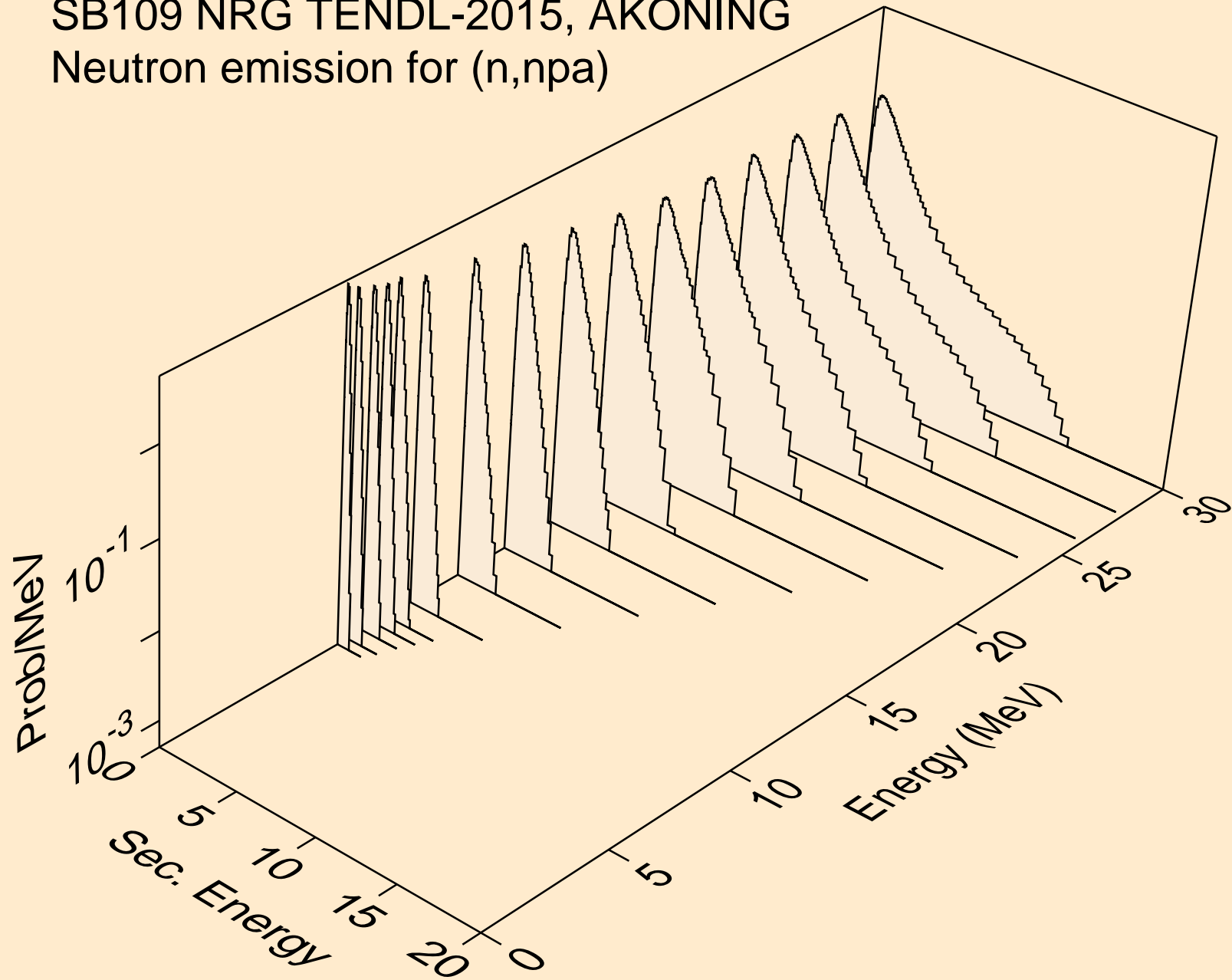


SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

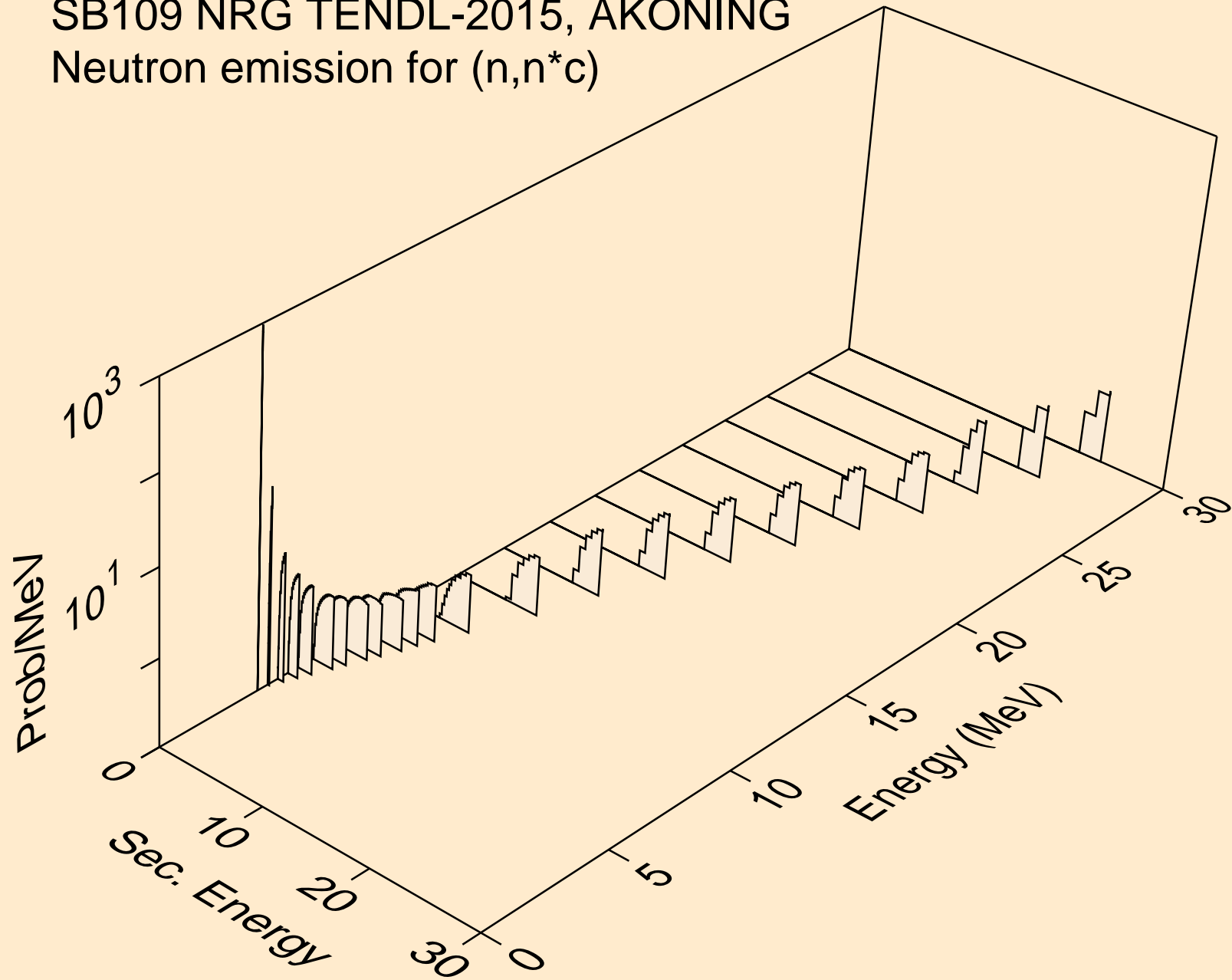




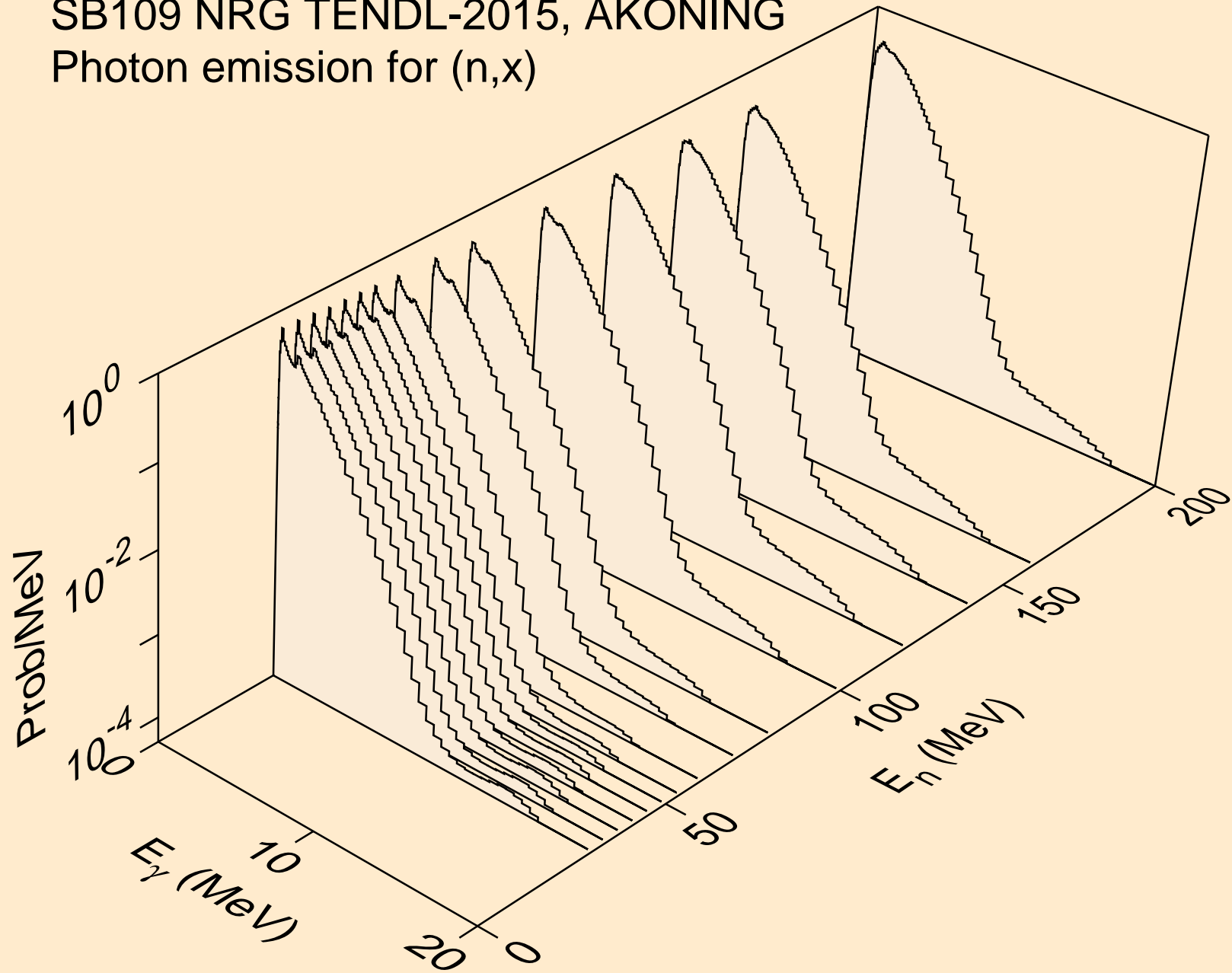
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



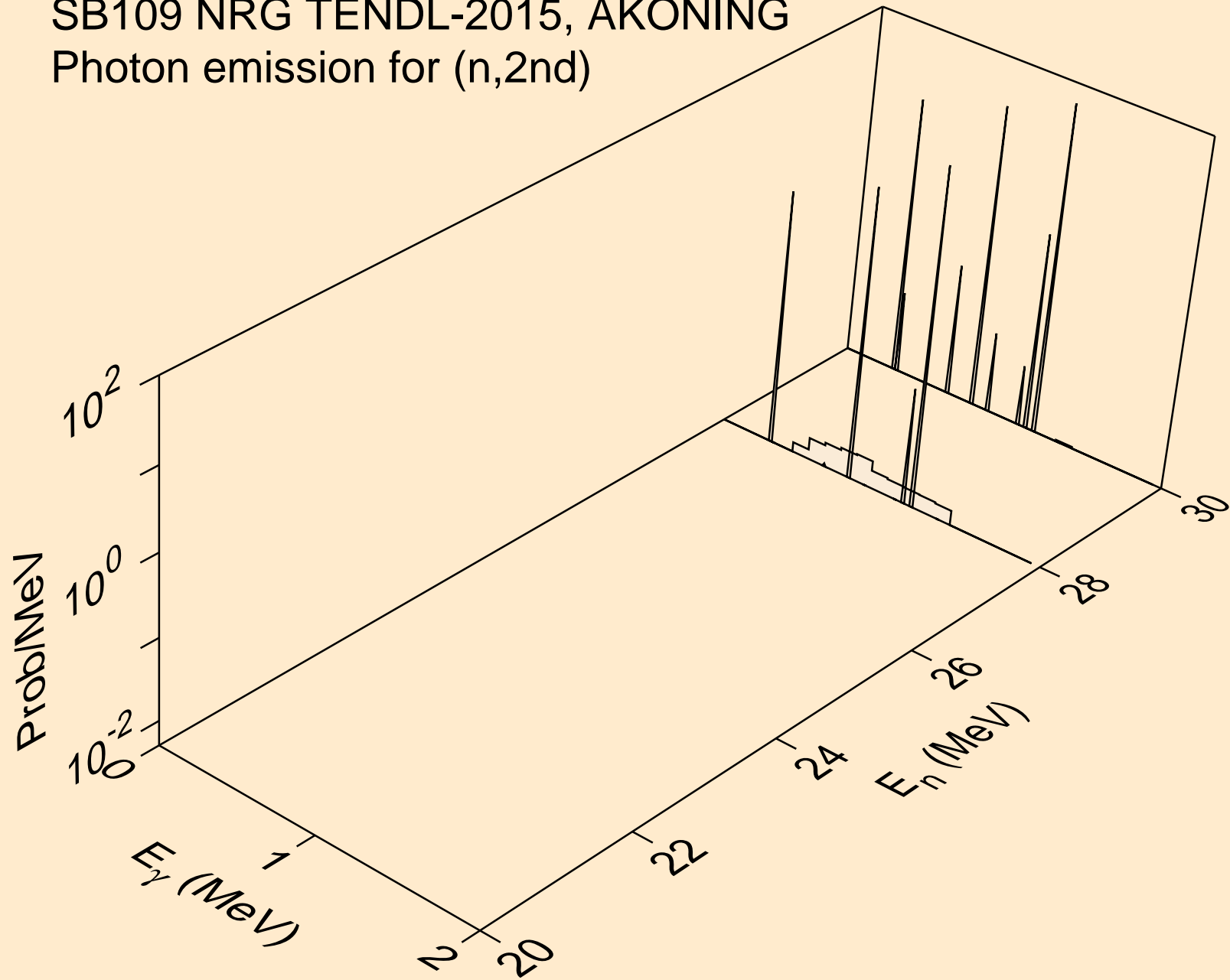
SB109 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



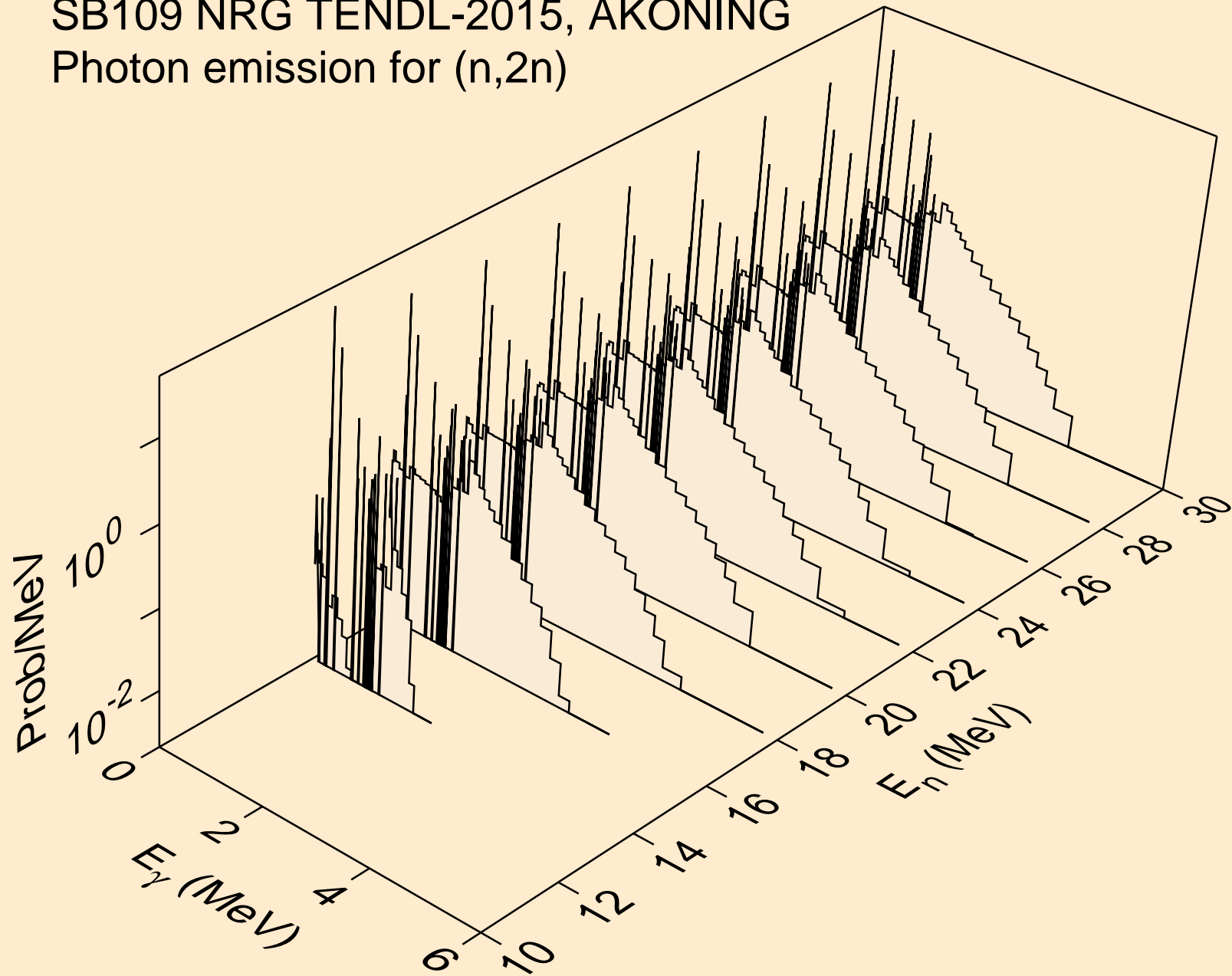
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



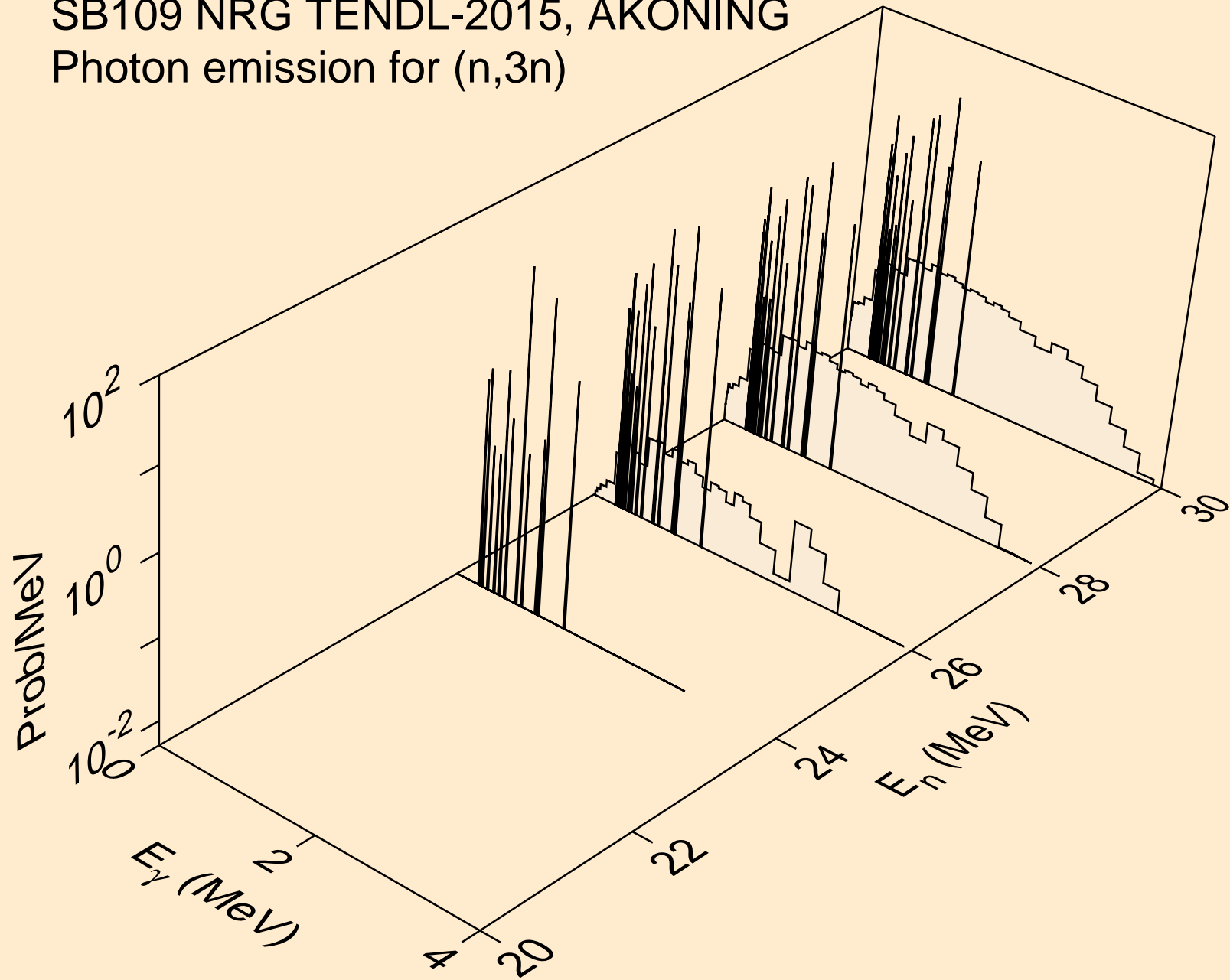
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



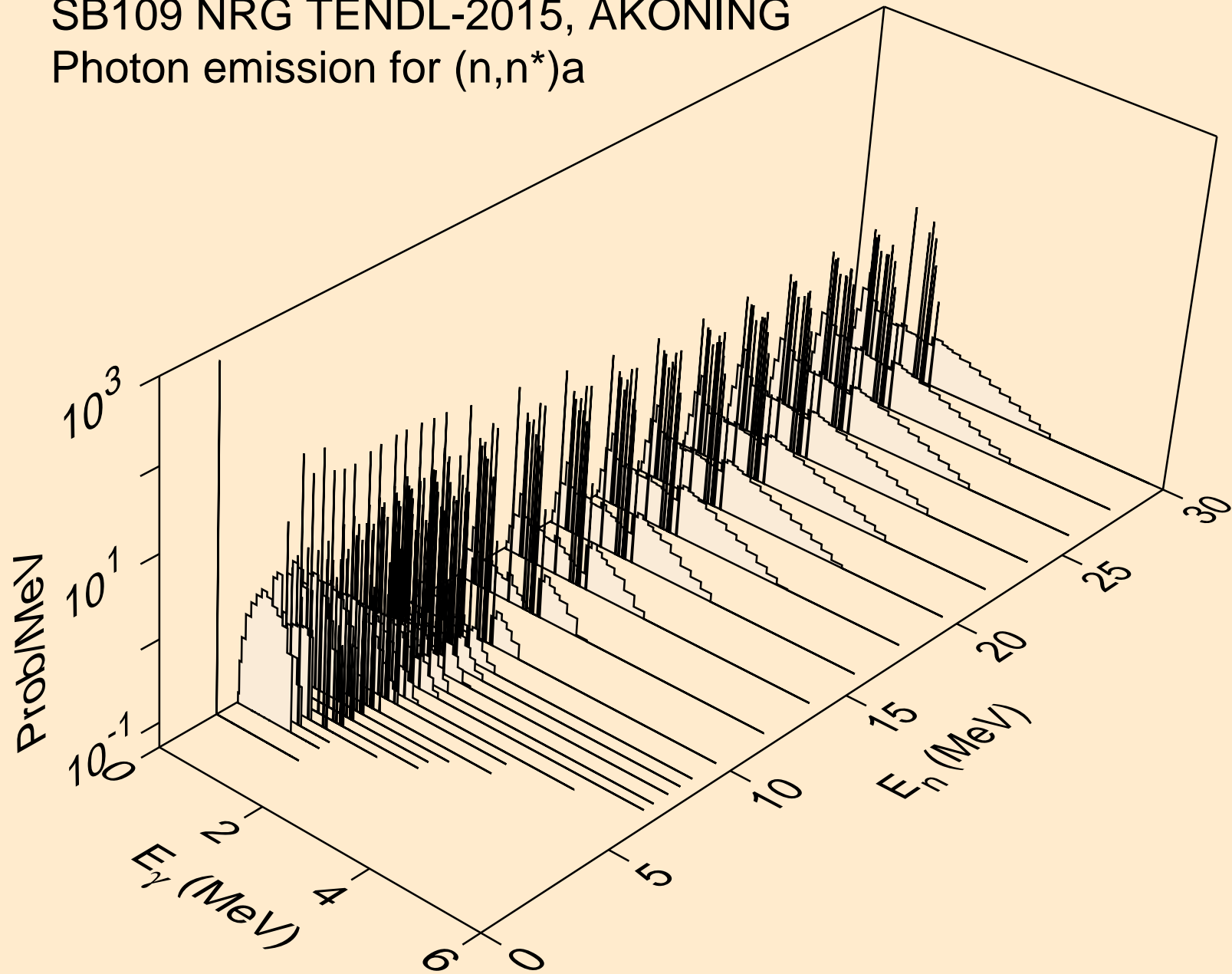
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



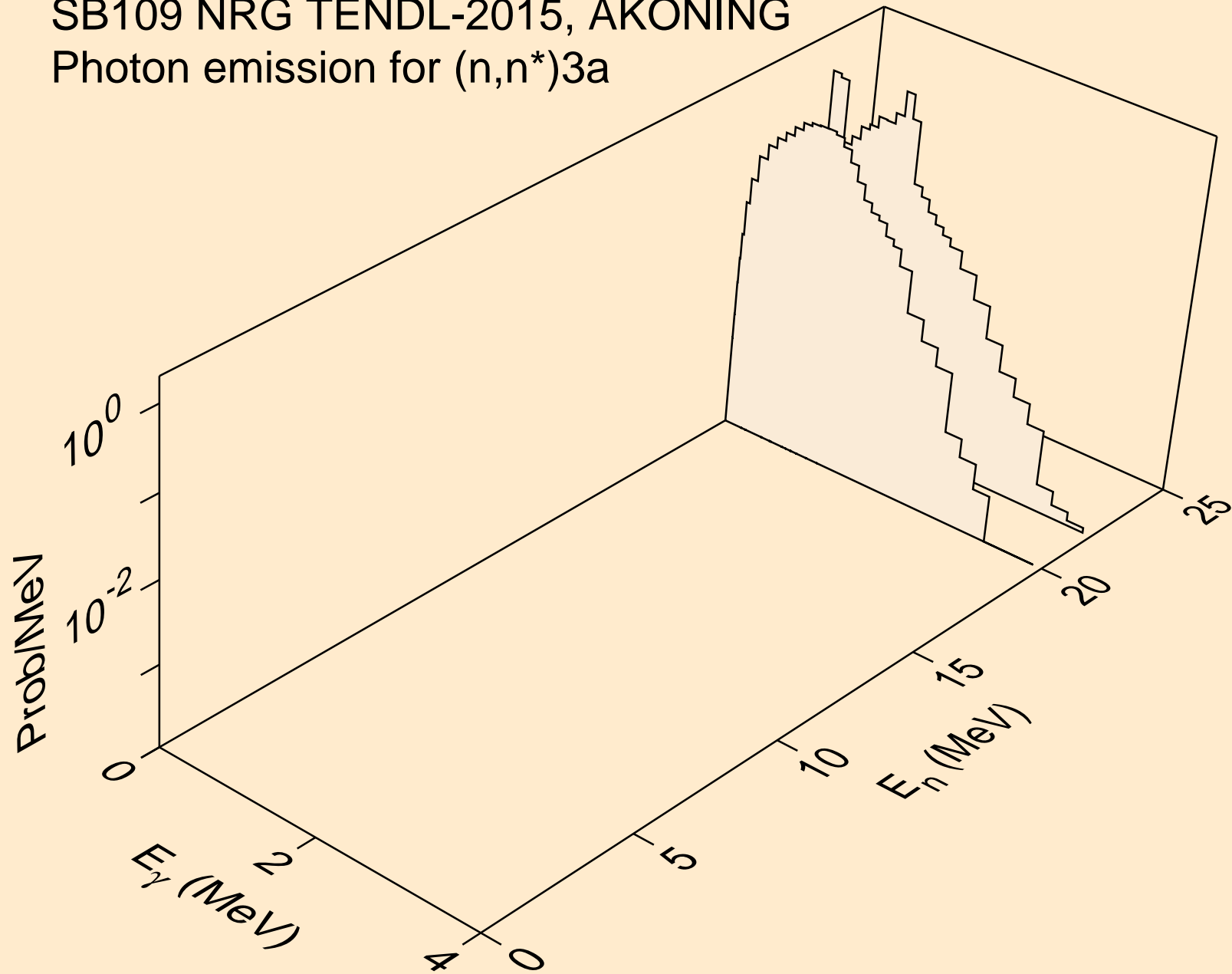
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

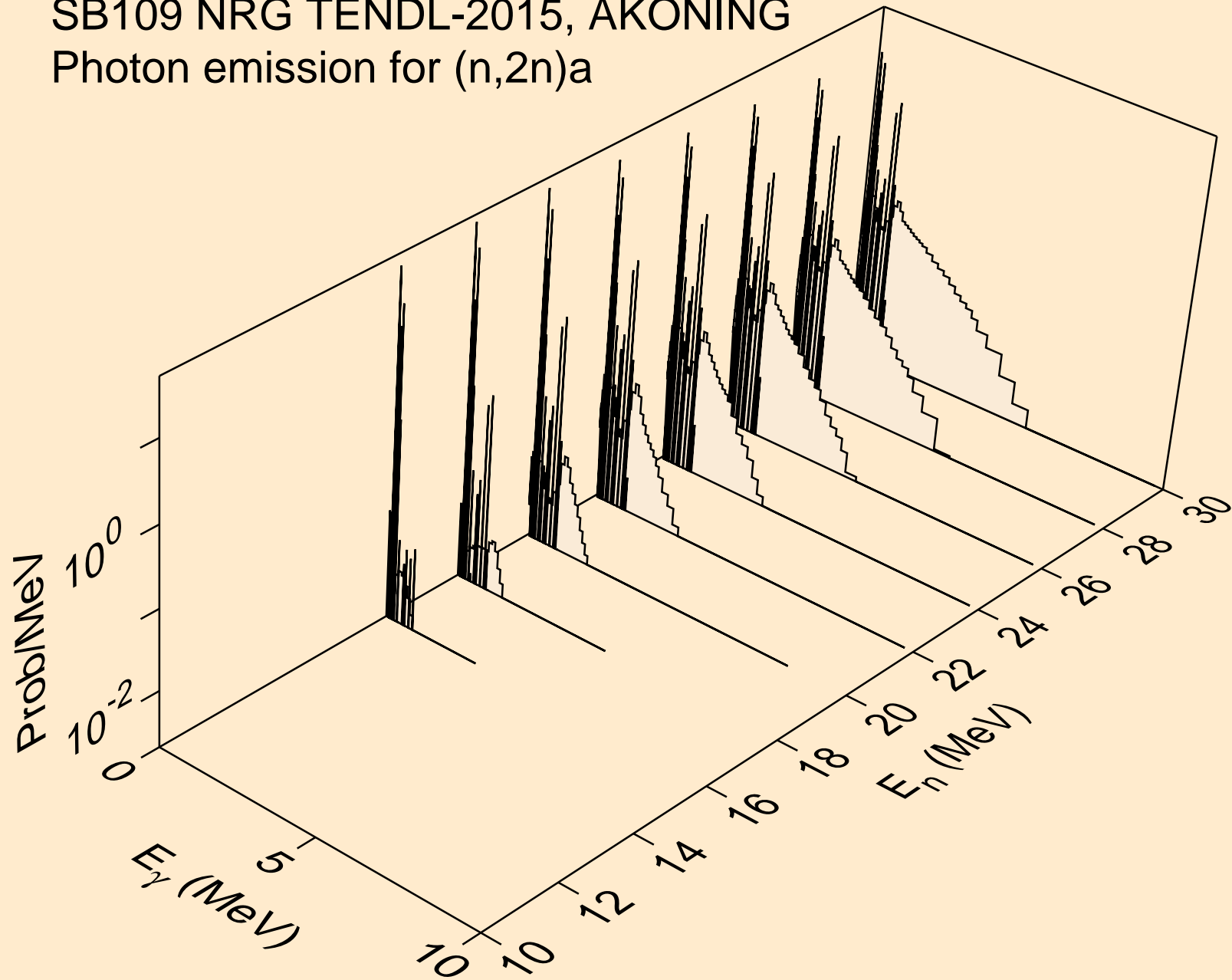


SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

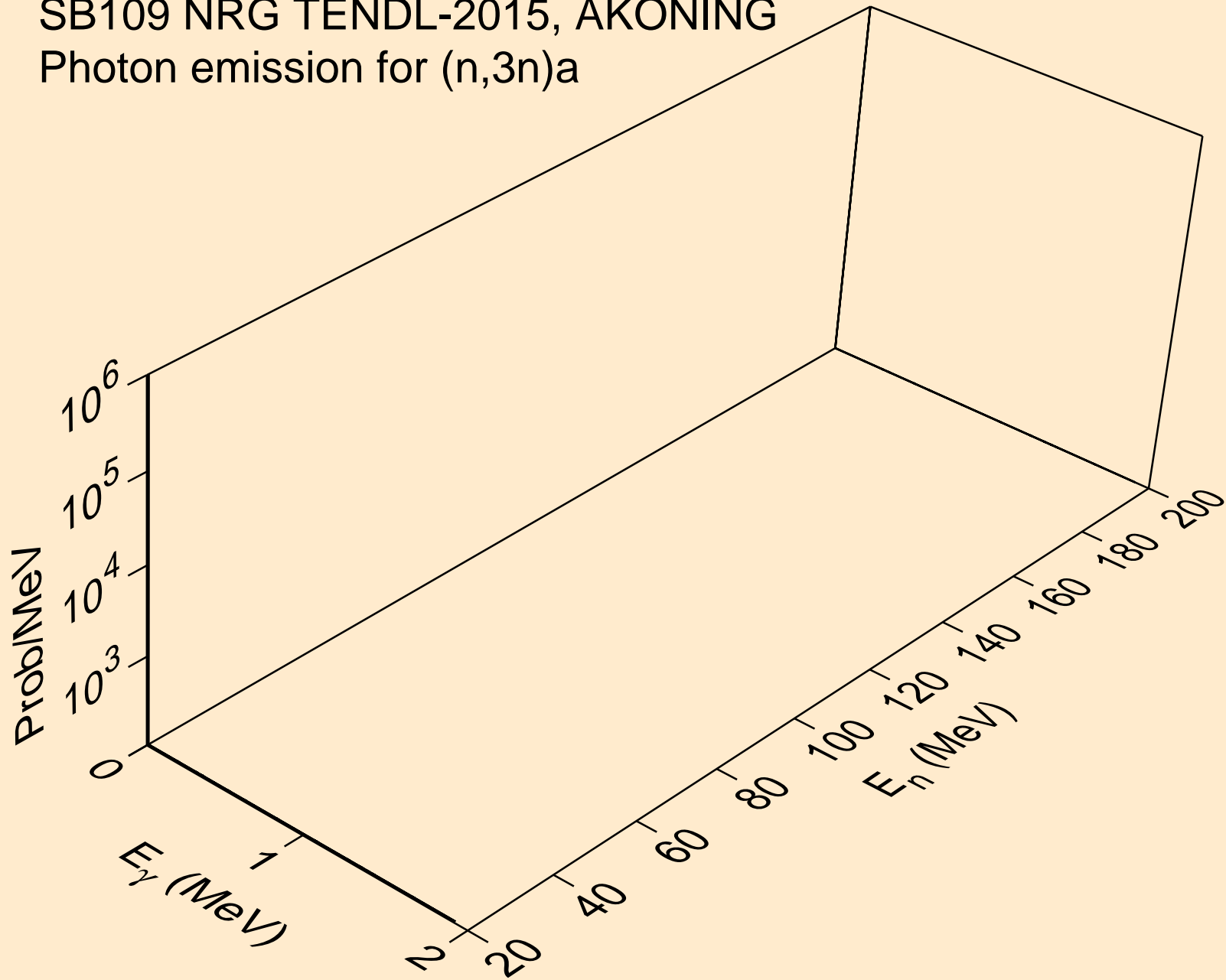




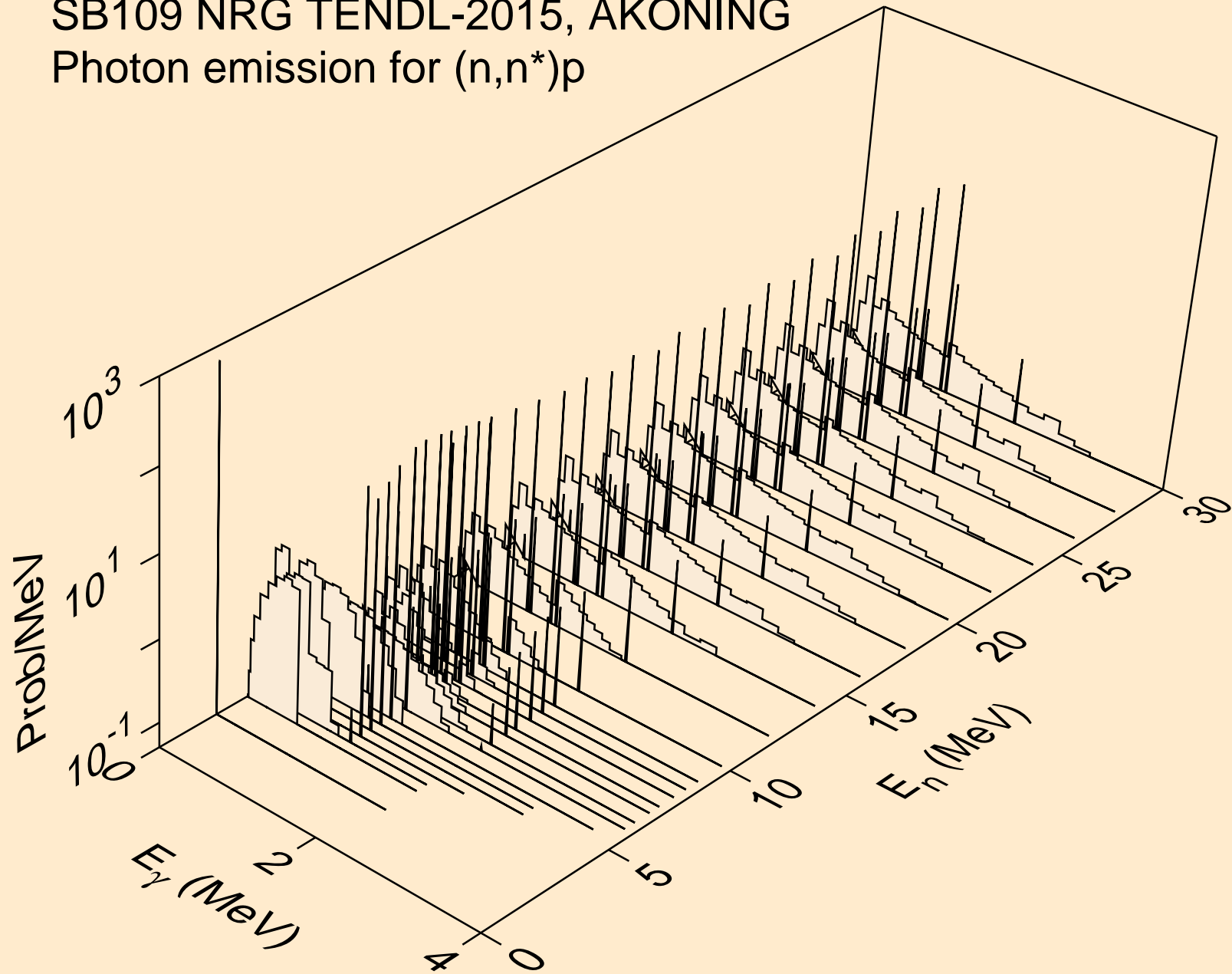
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



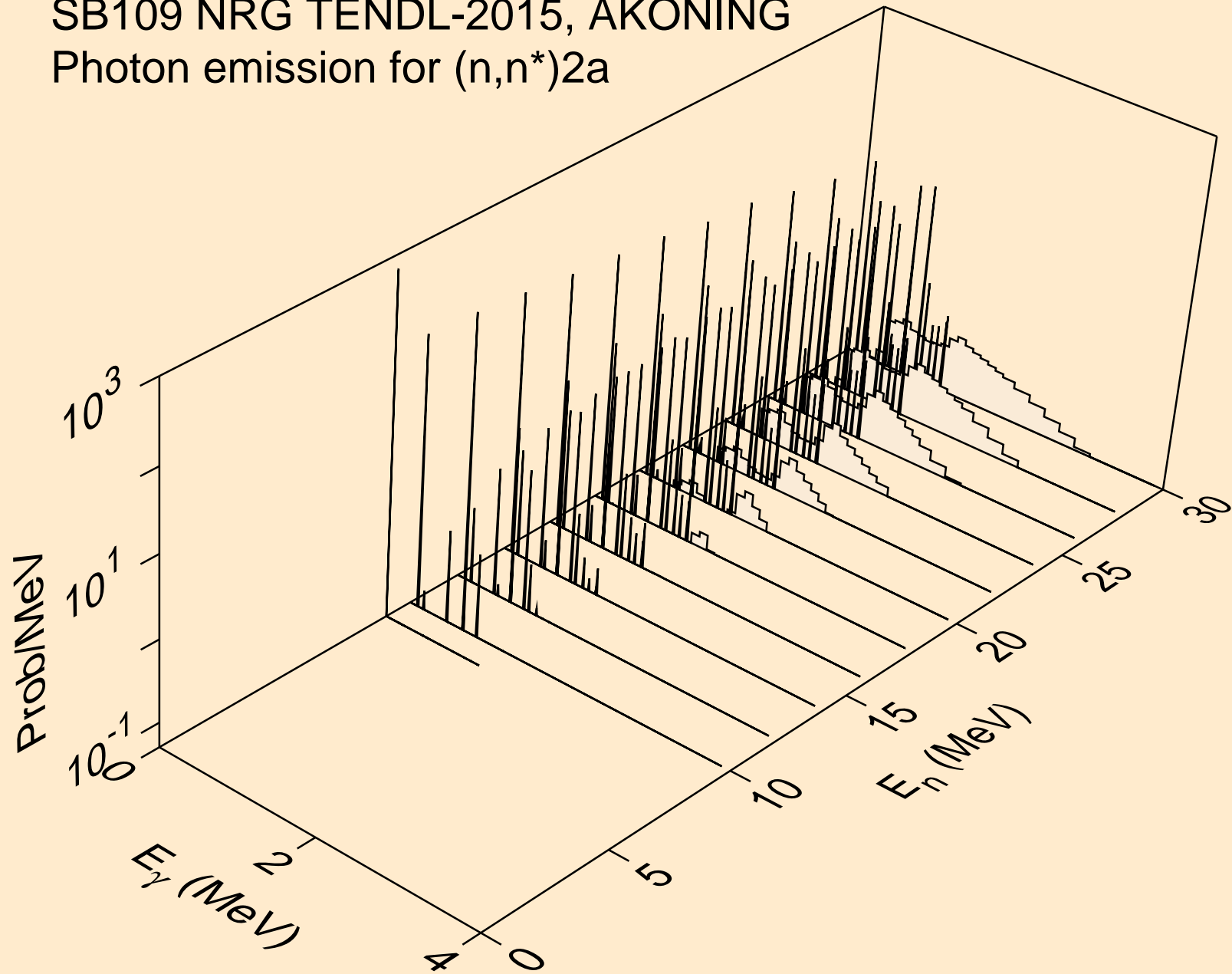
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



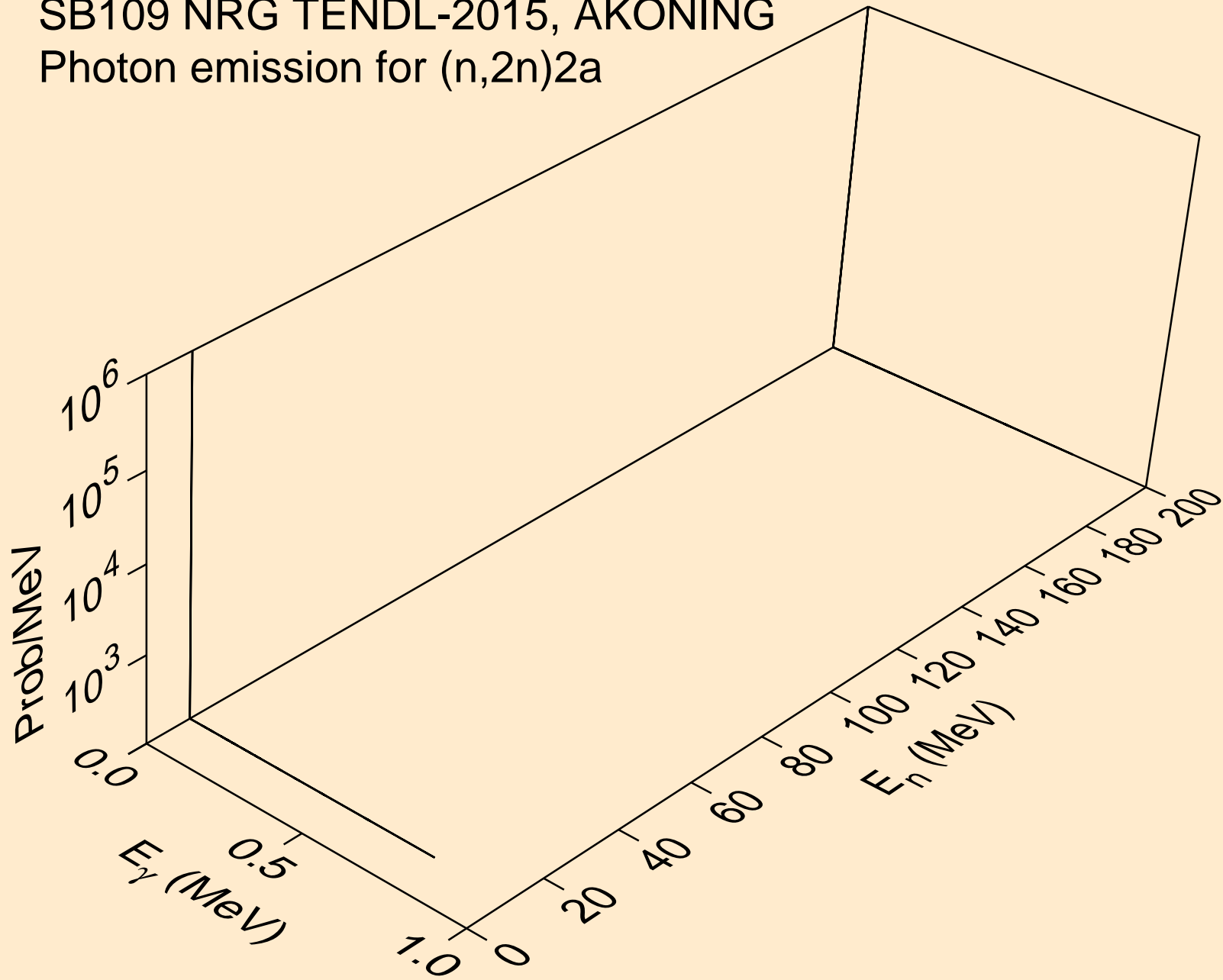
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



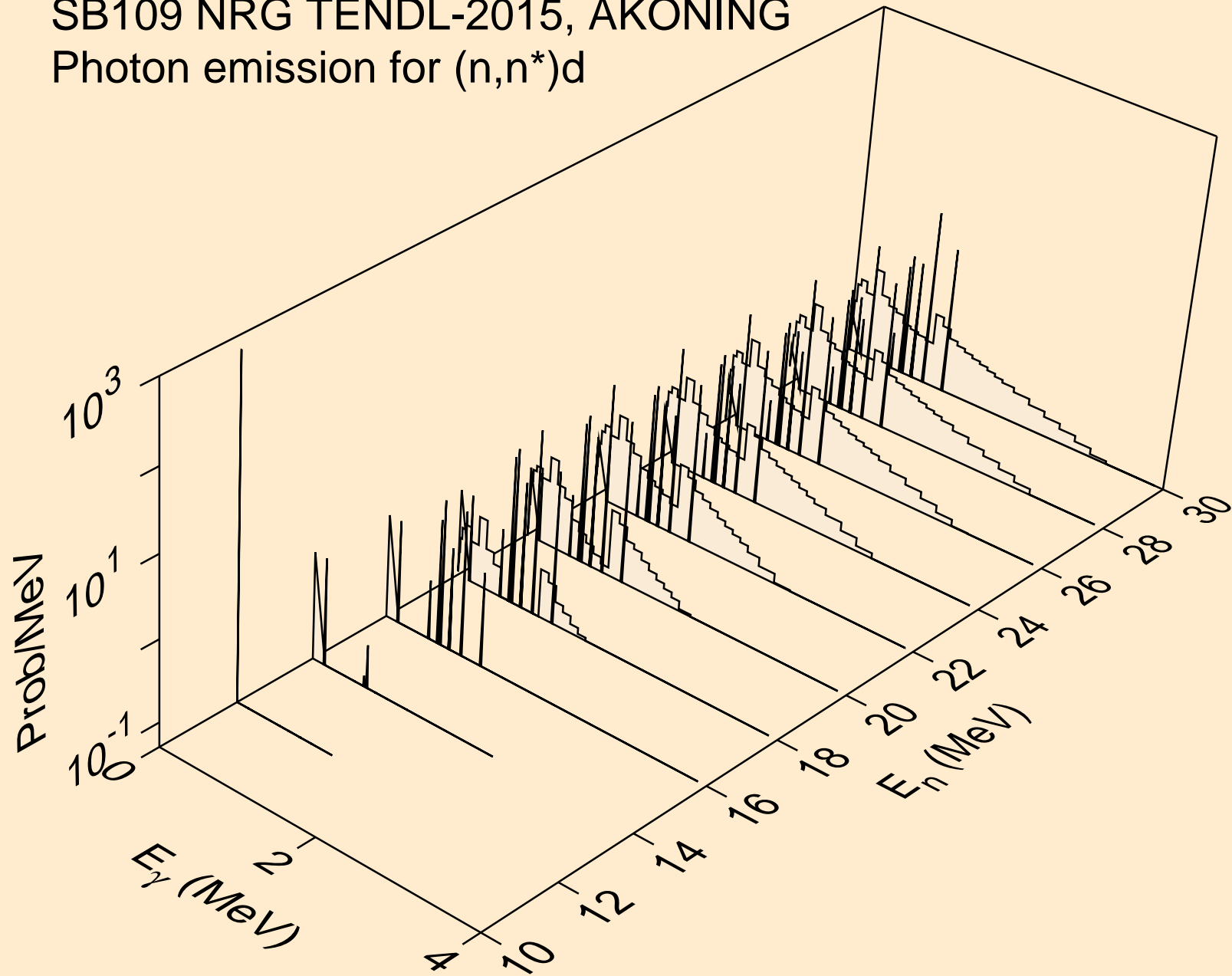
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



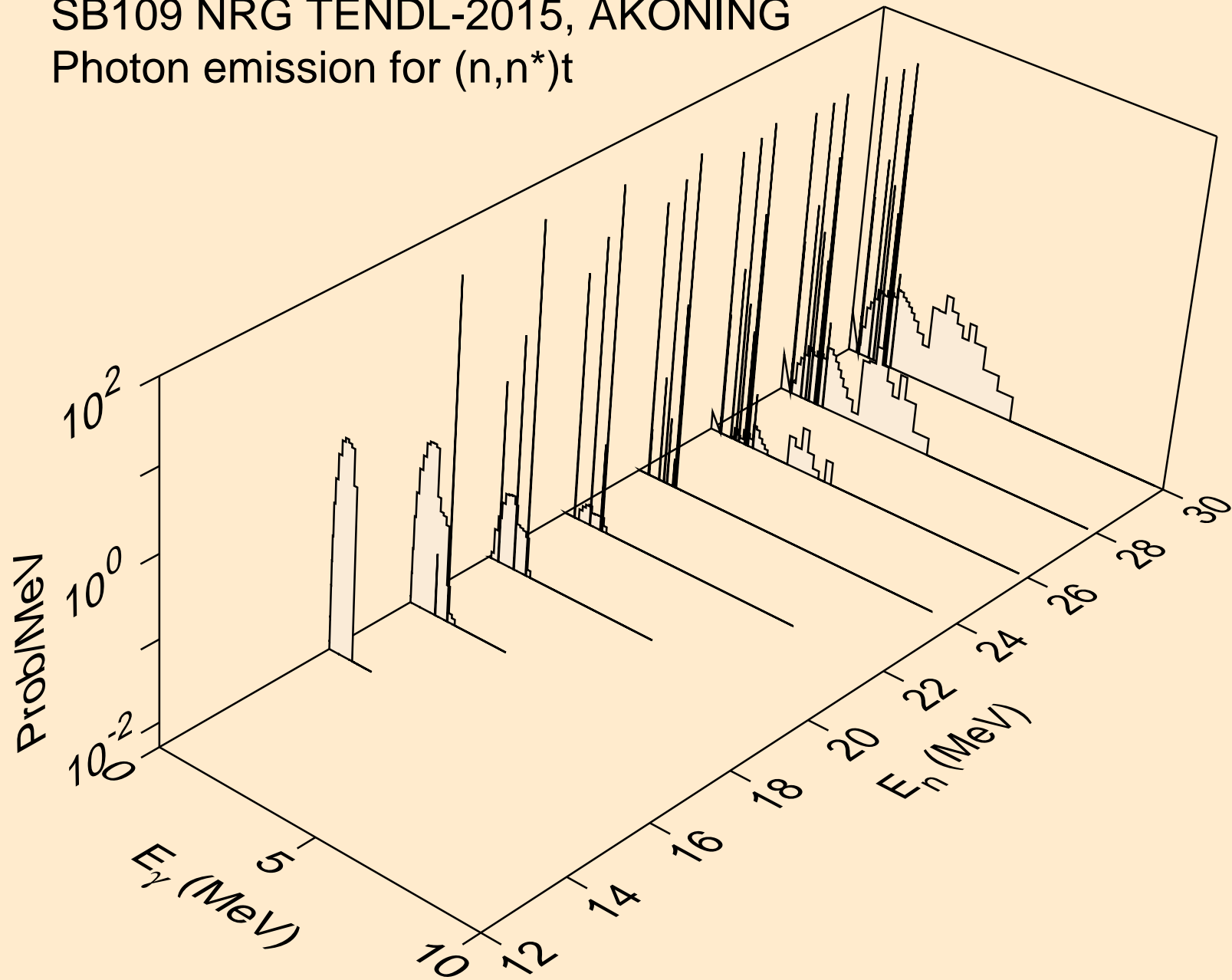
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



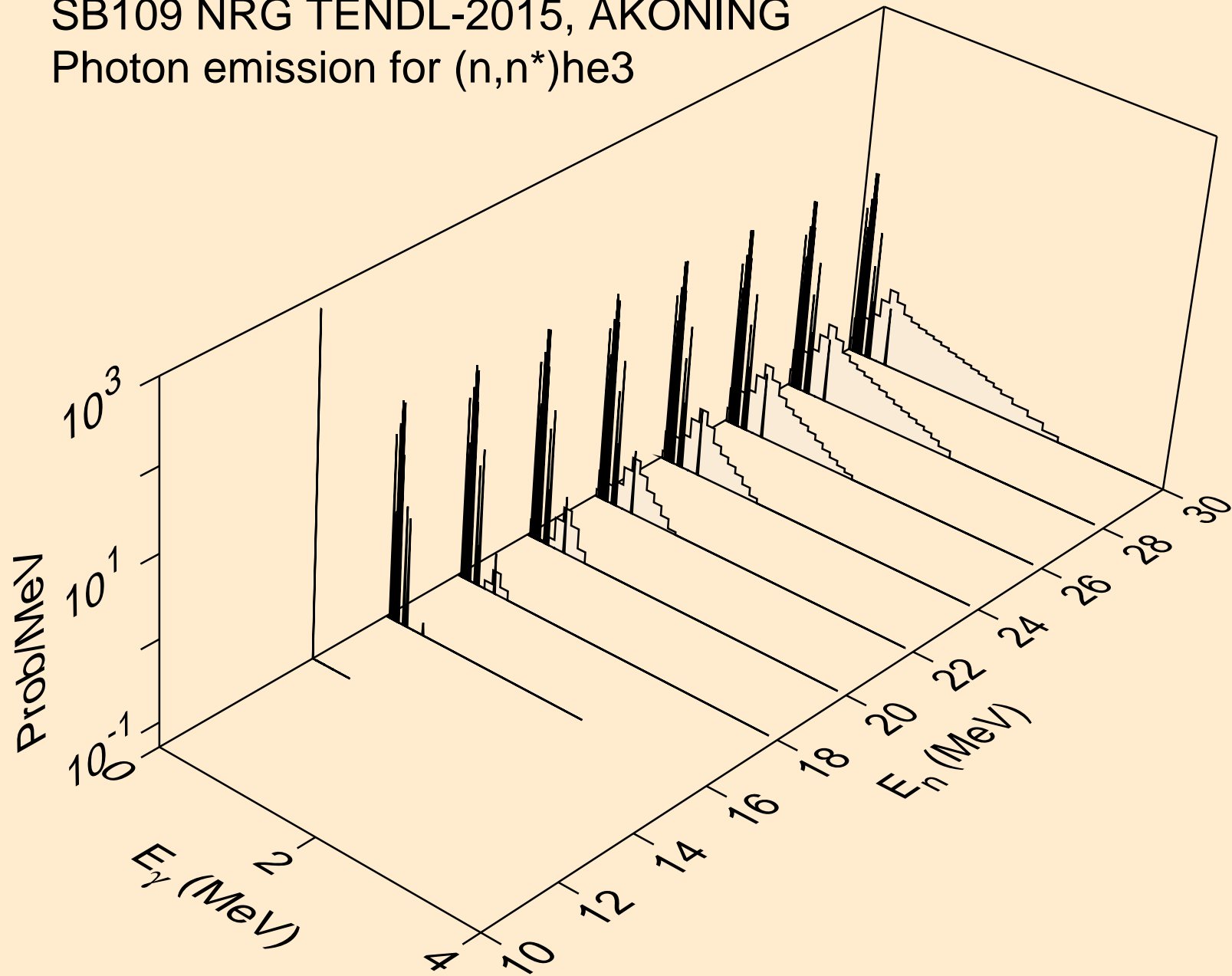
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

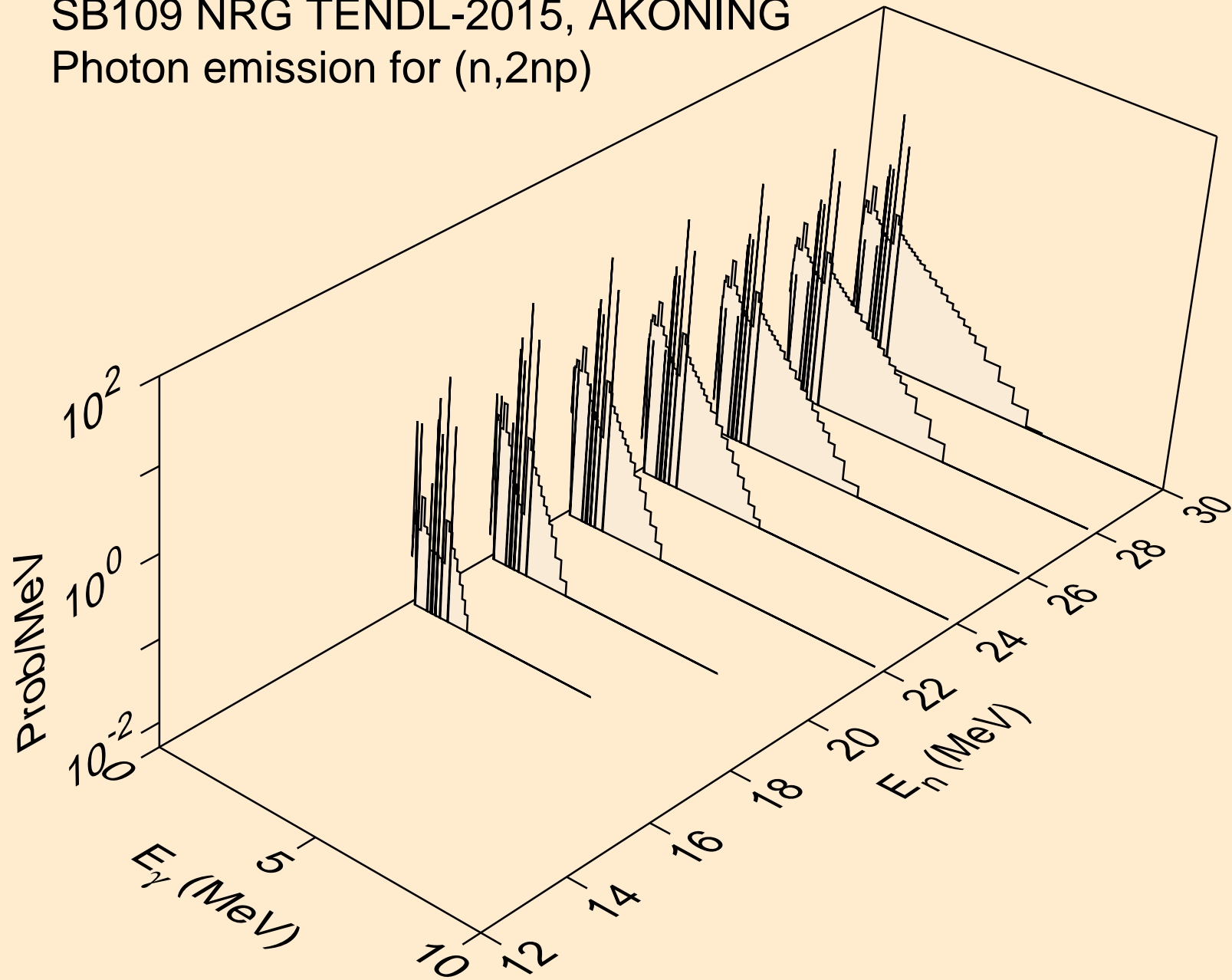


SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

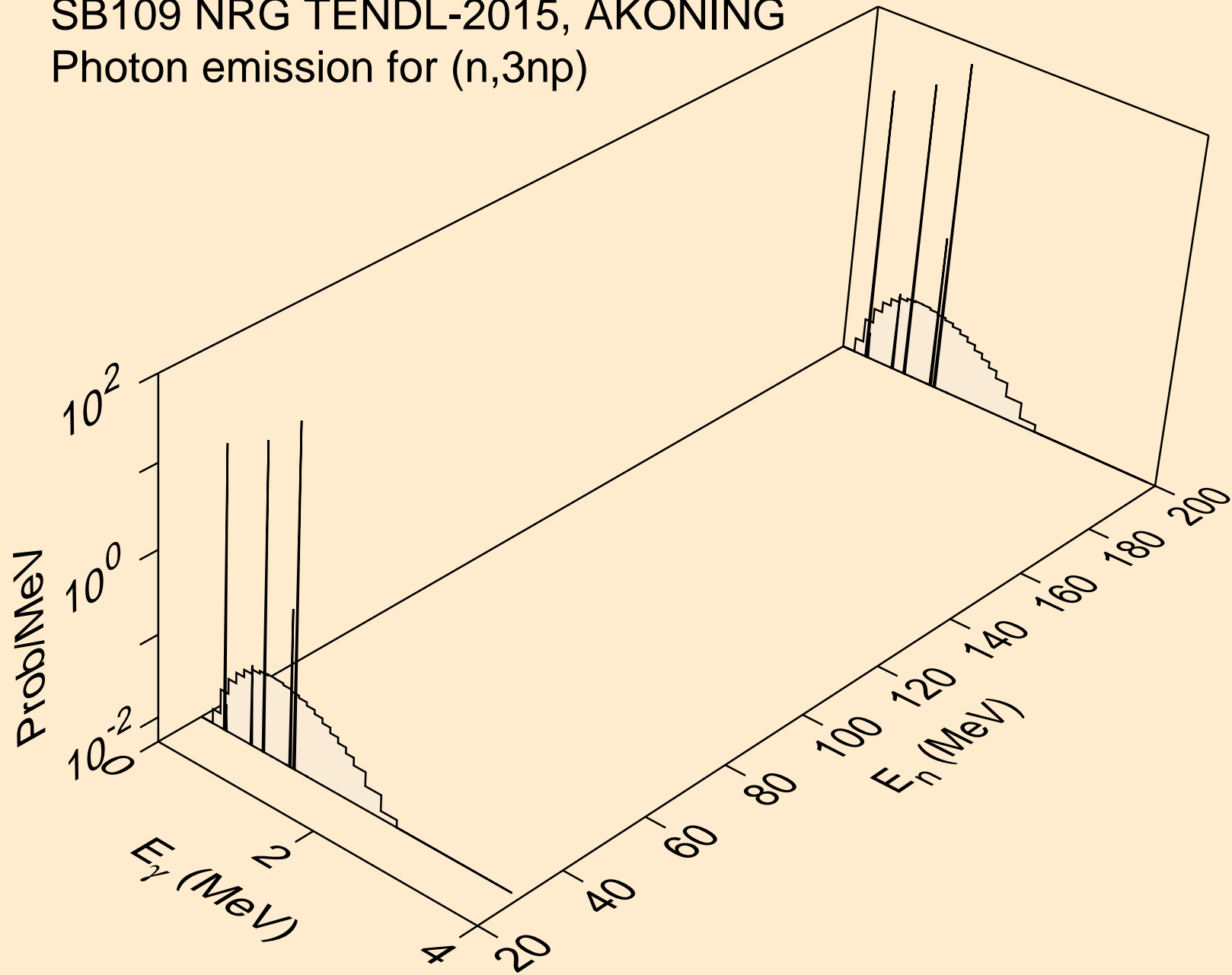




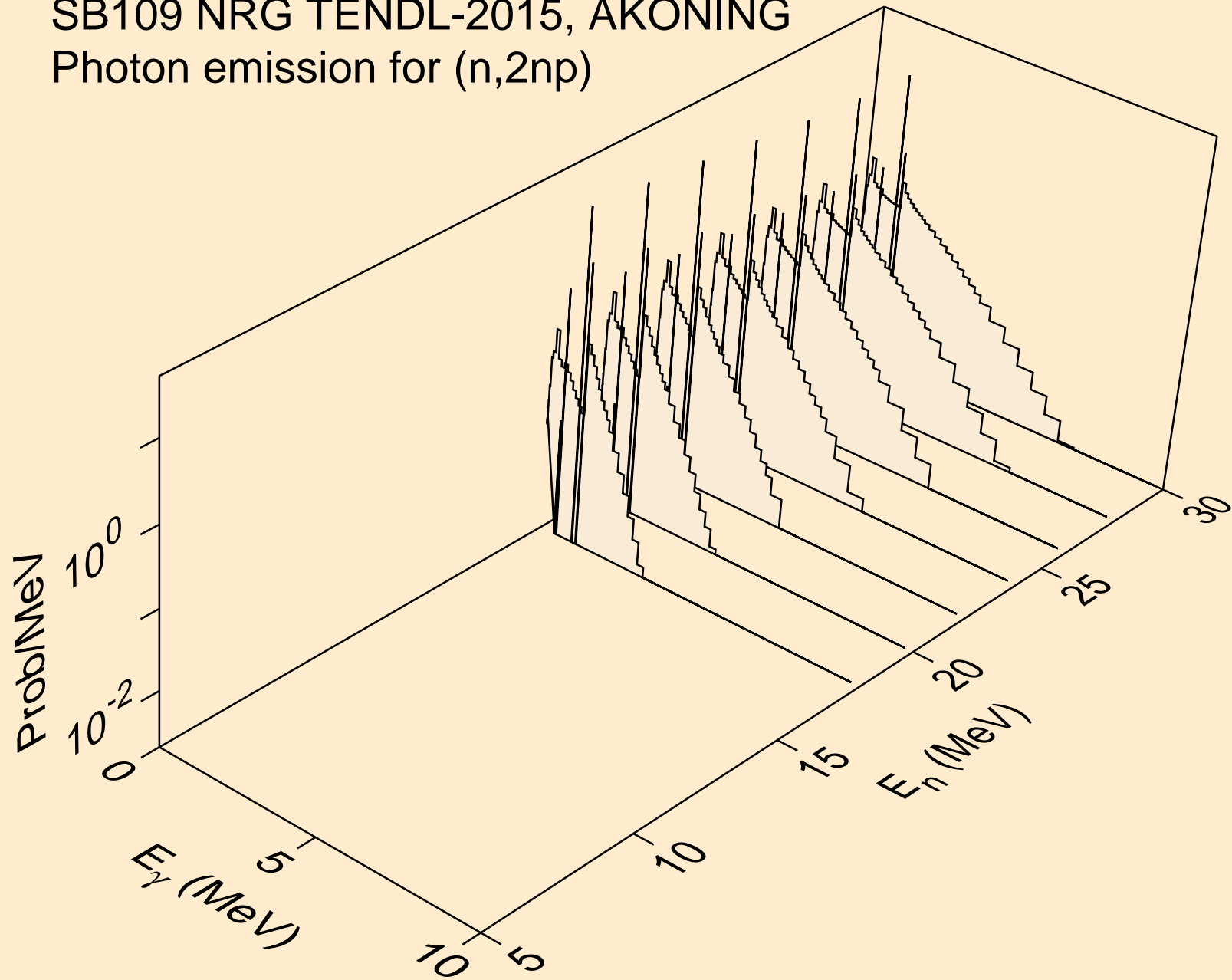
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



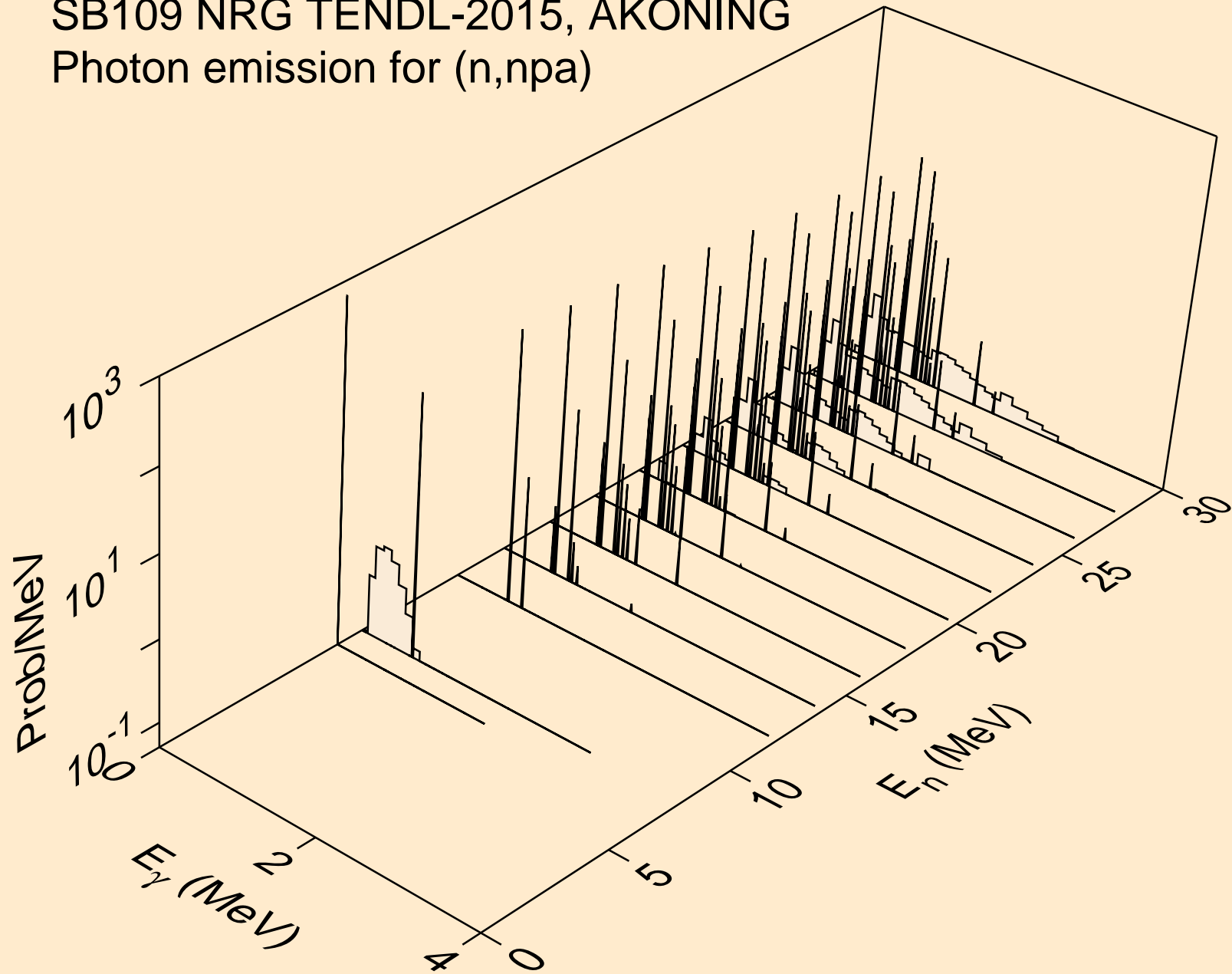
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



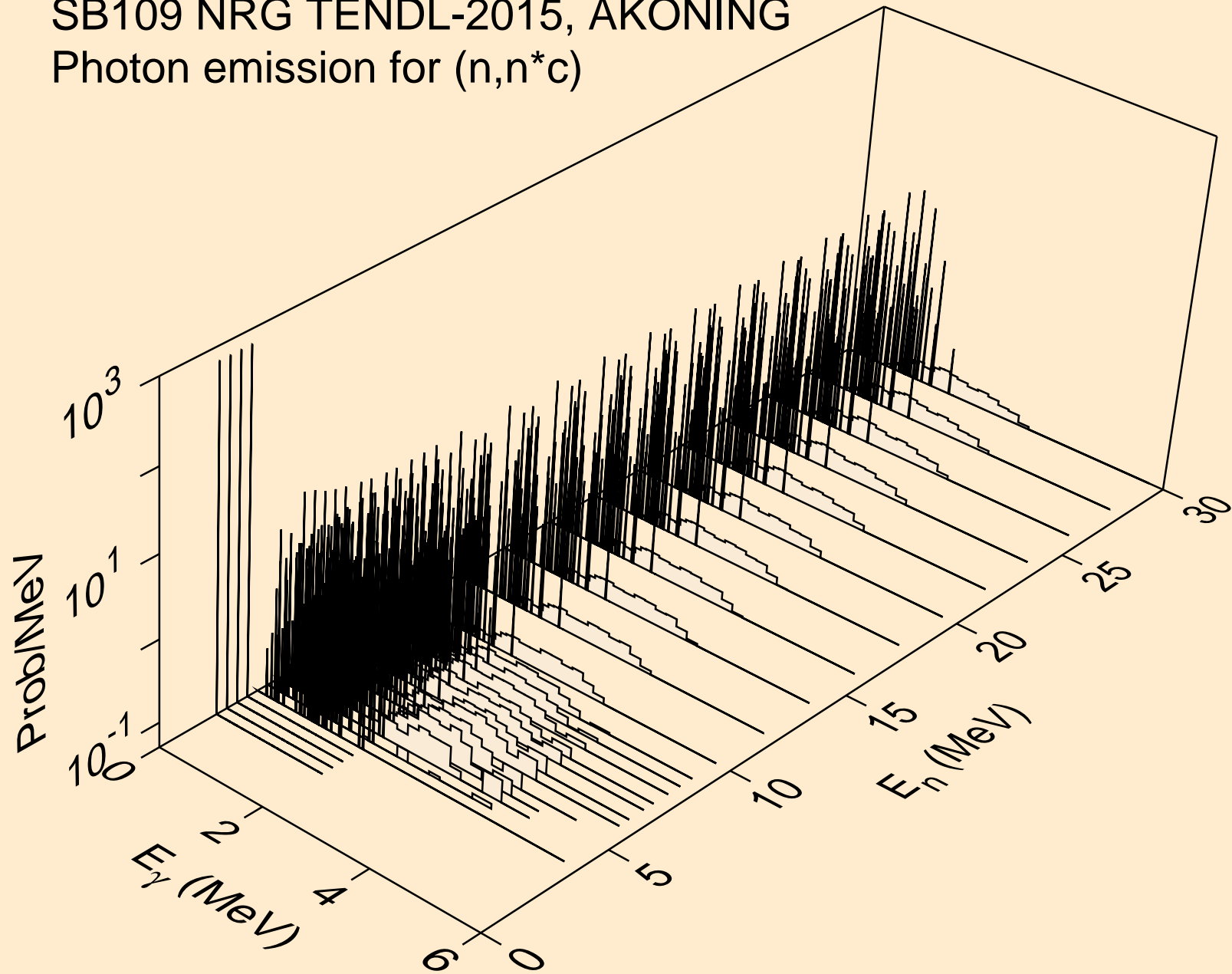
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



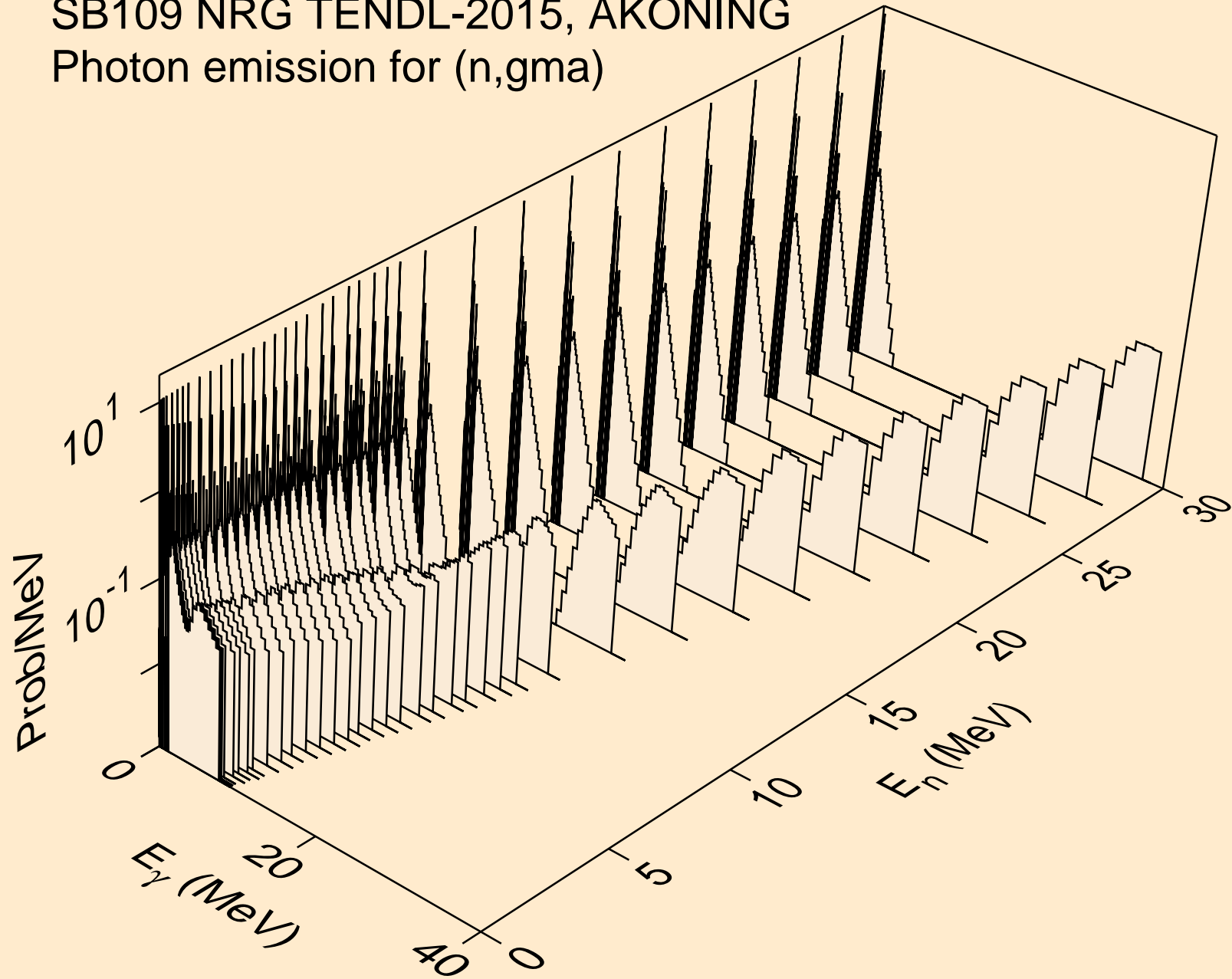
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



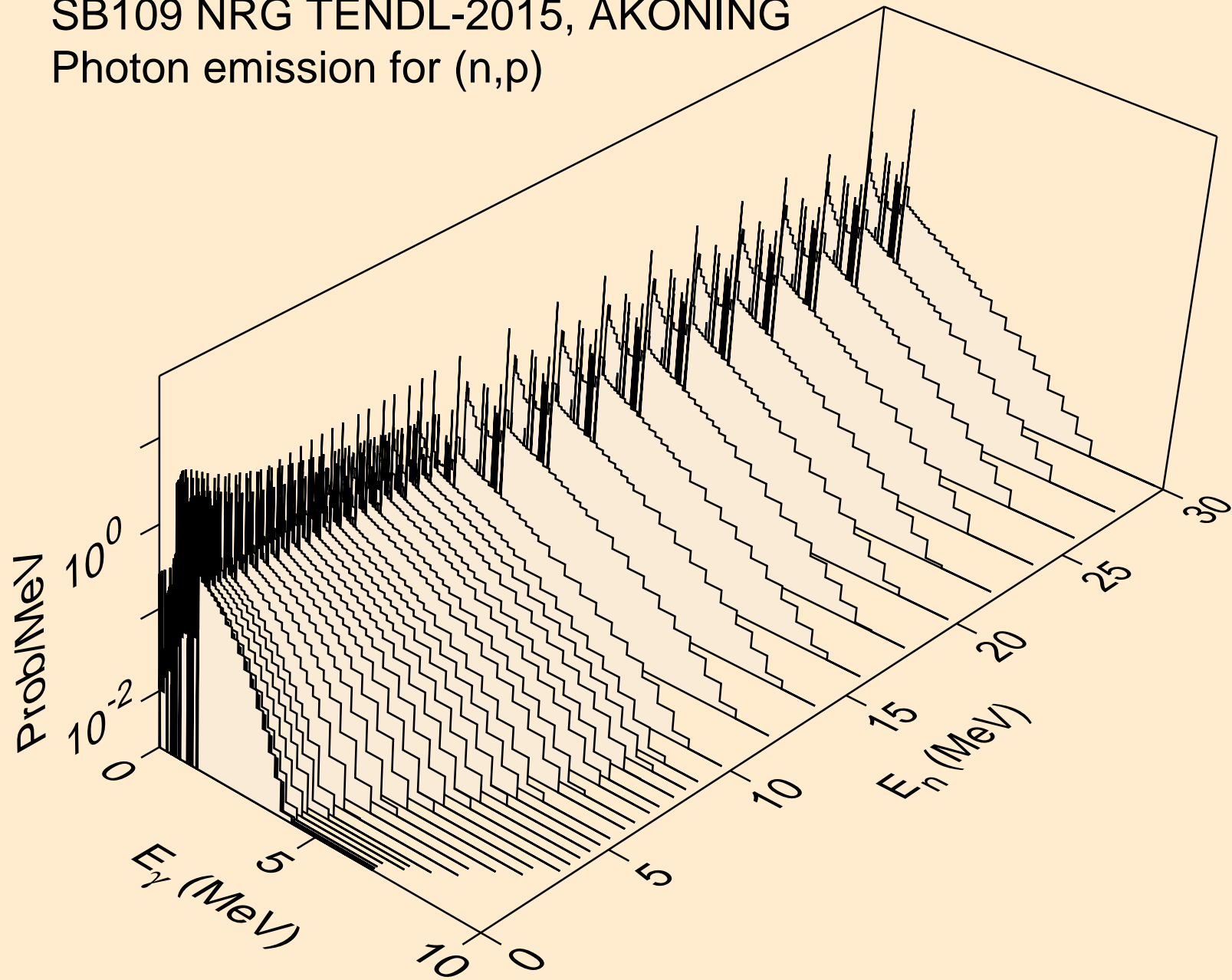
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



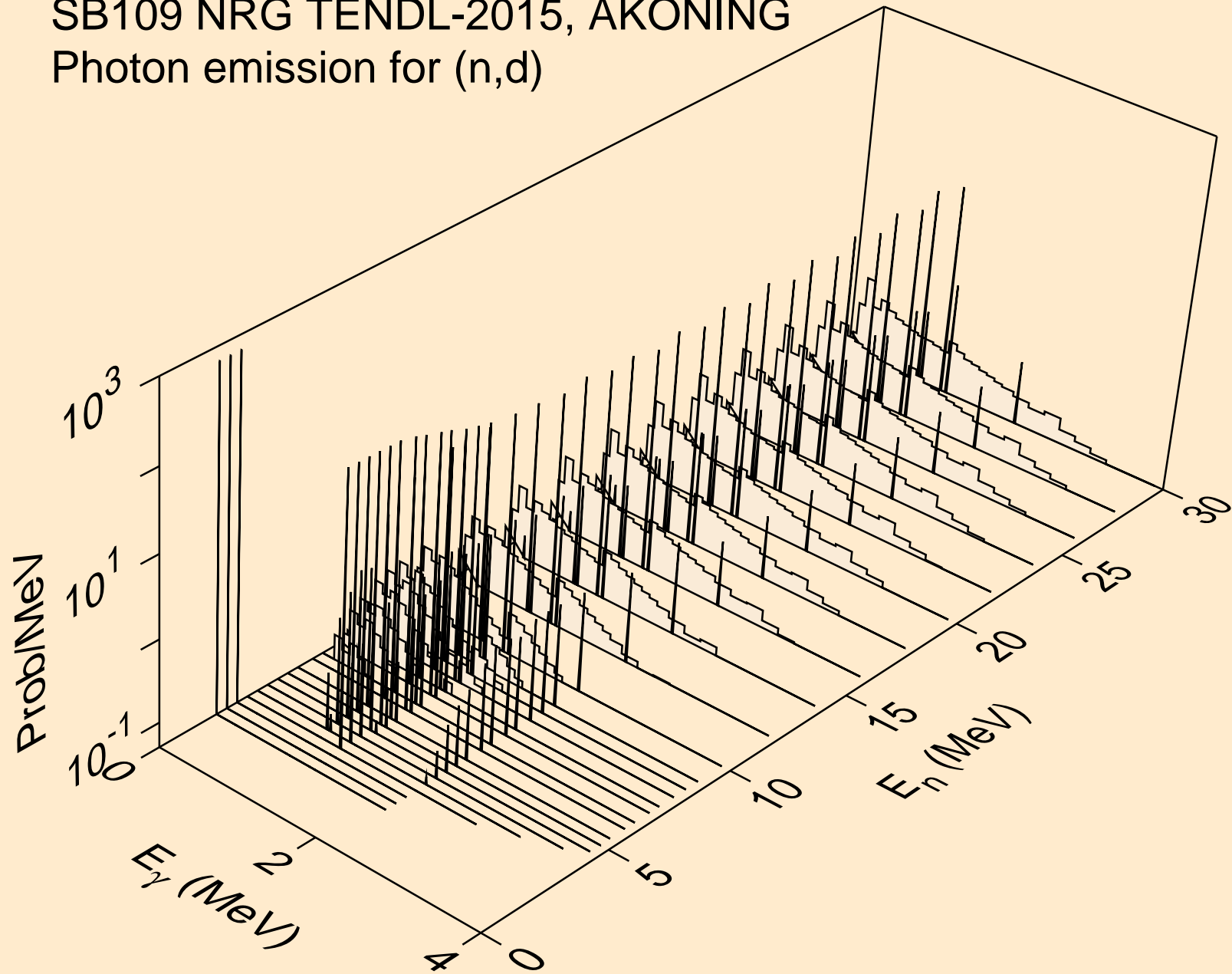
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

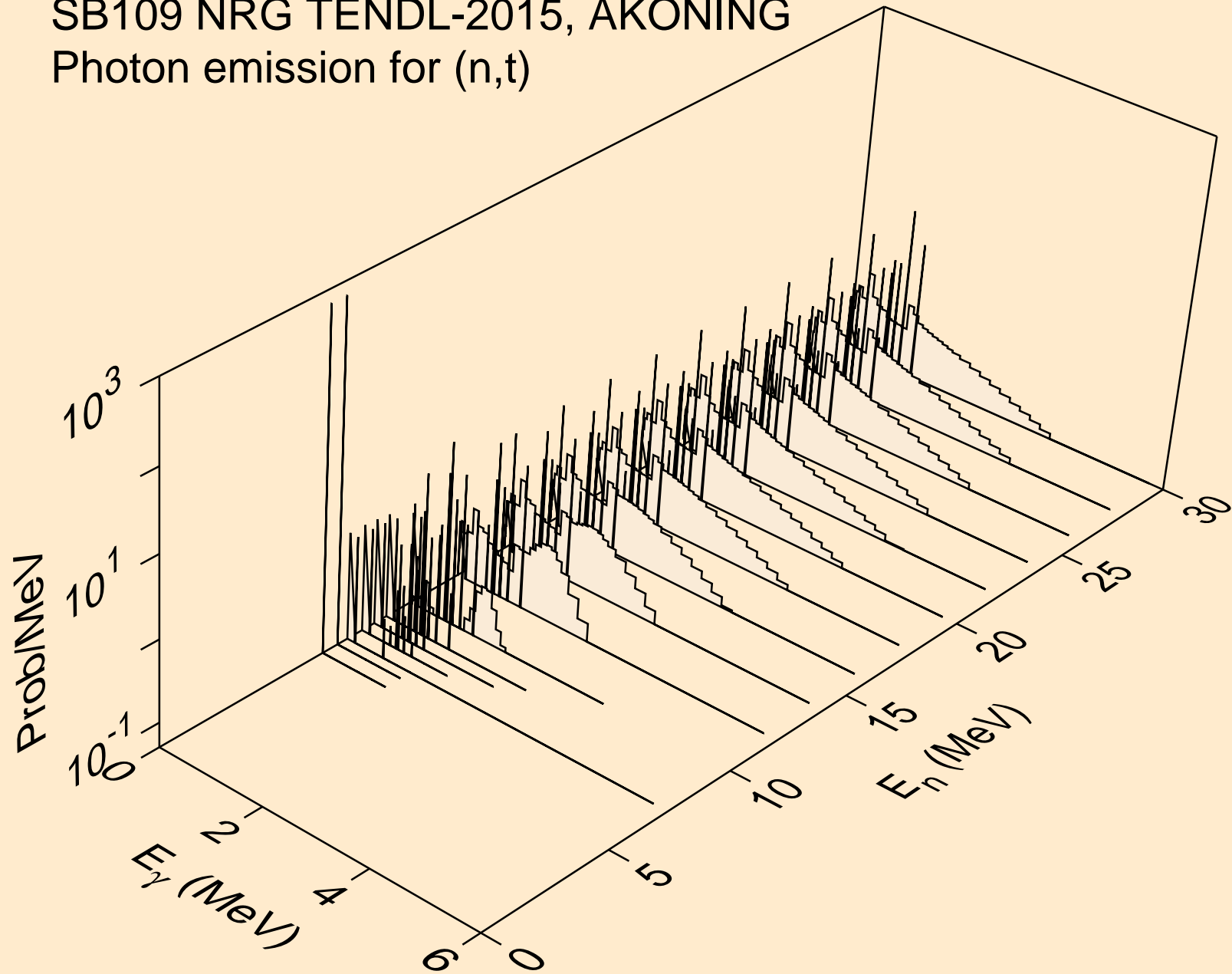


SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

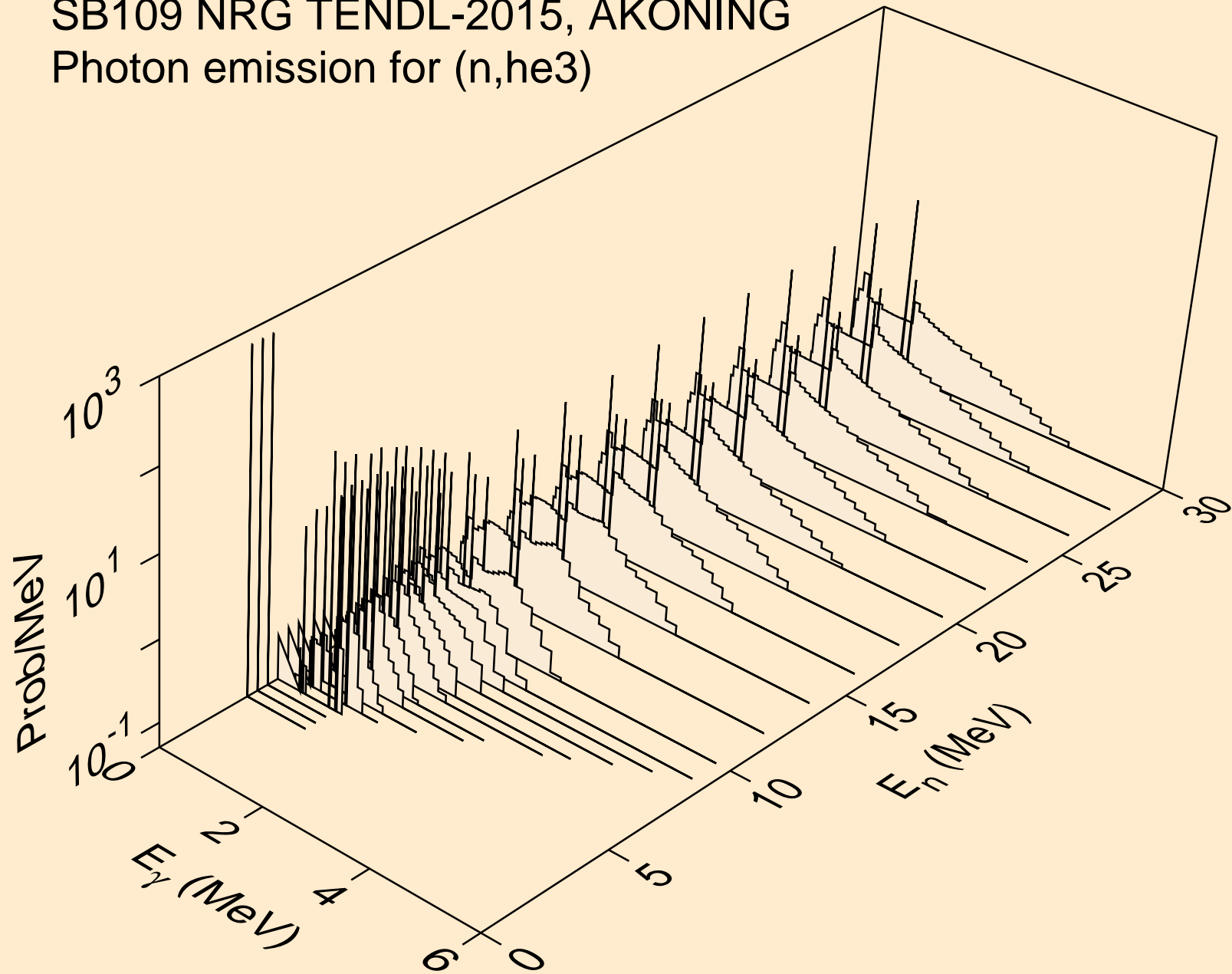




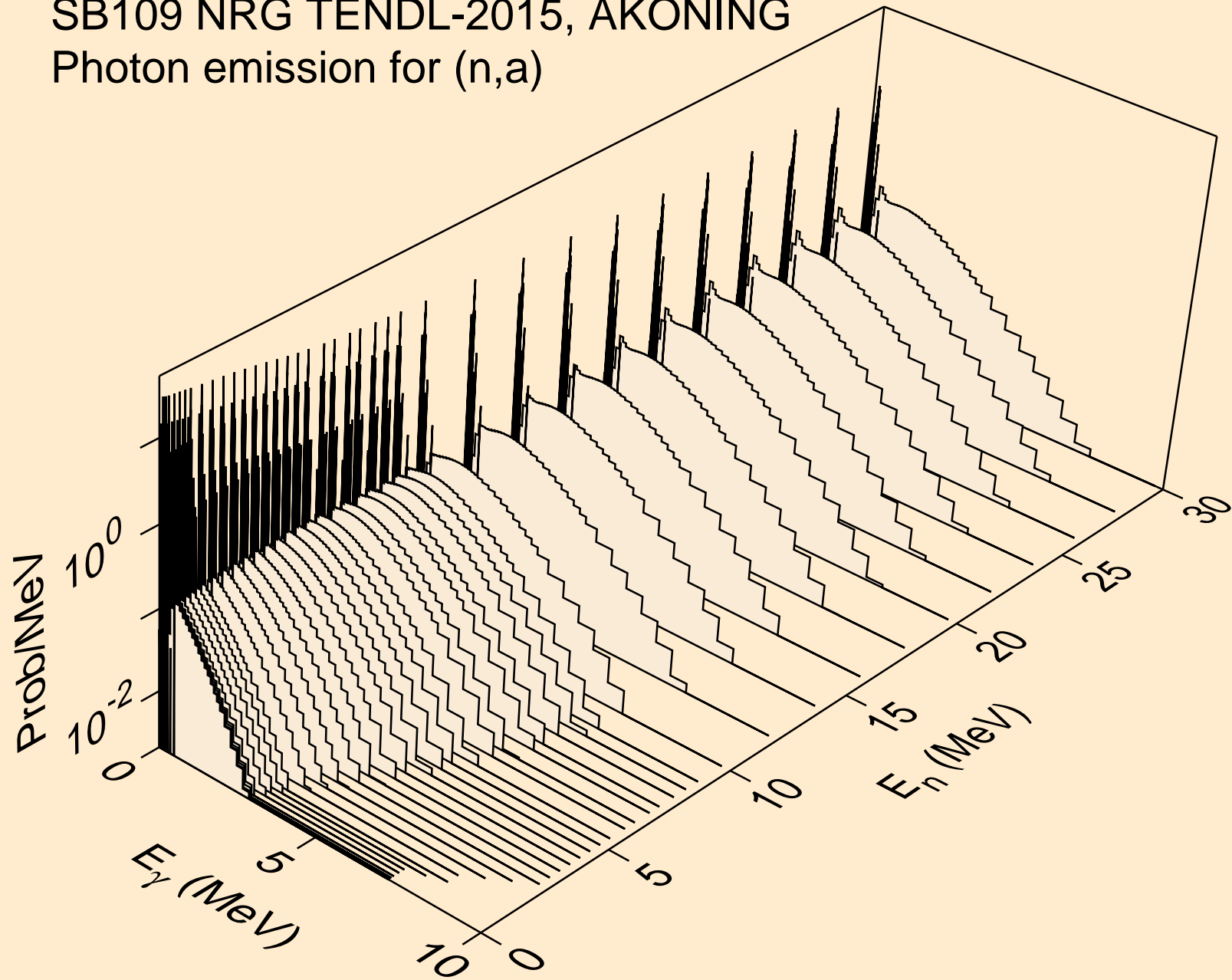
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



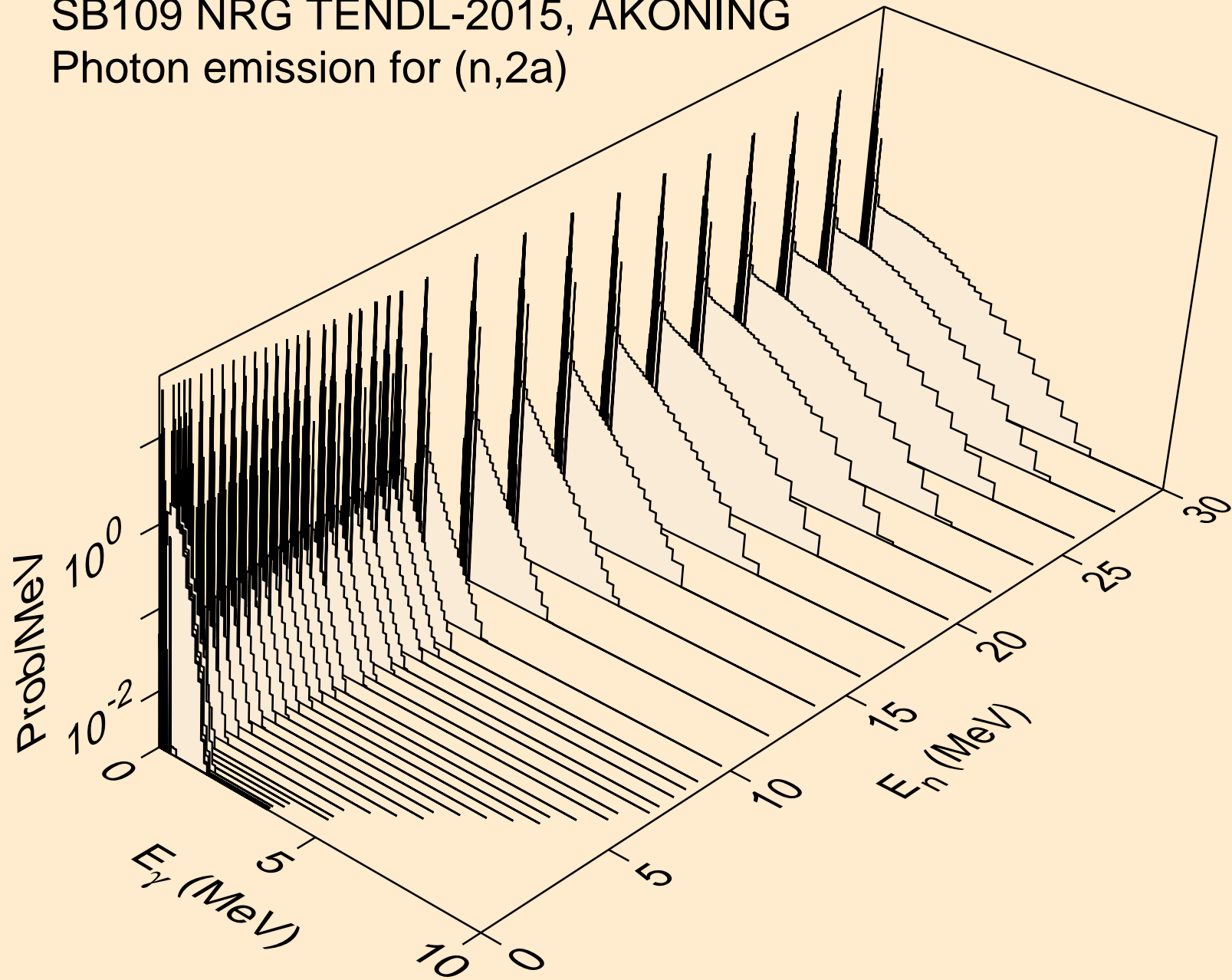
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



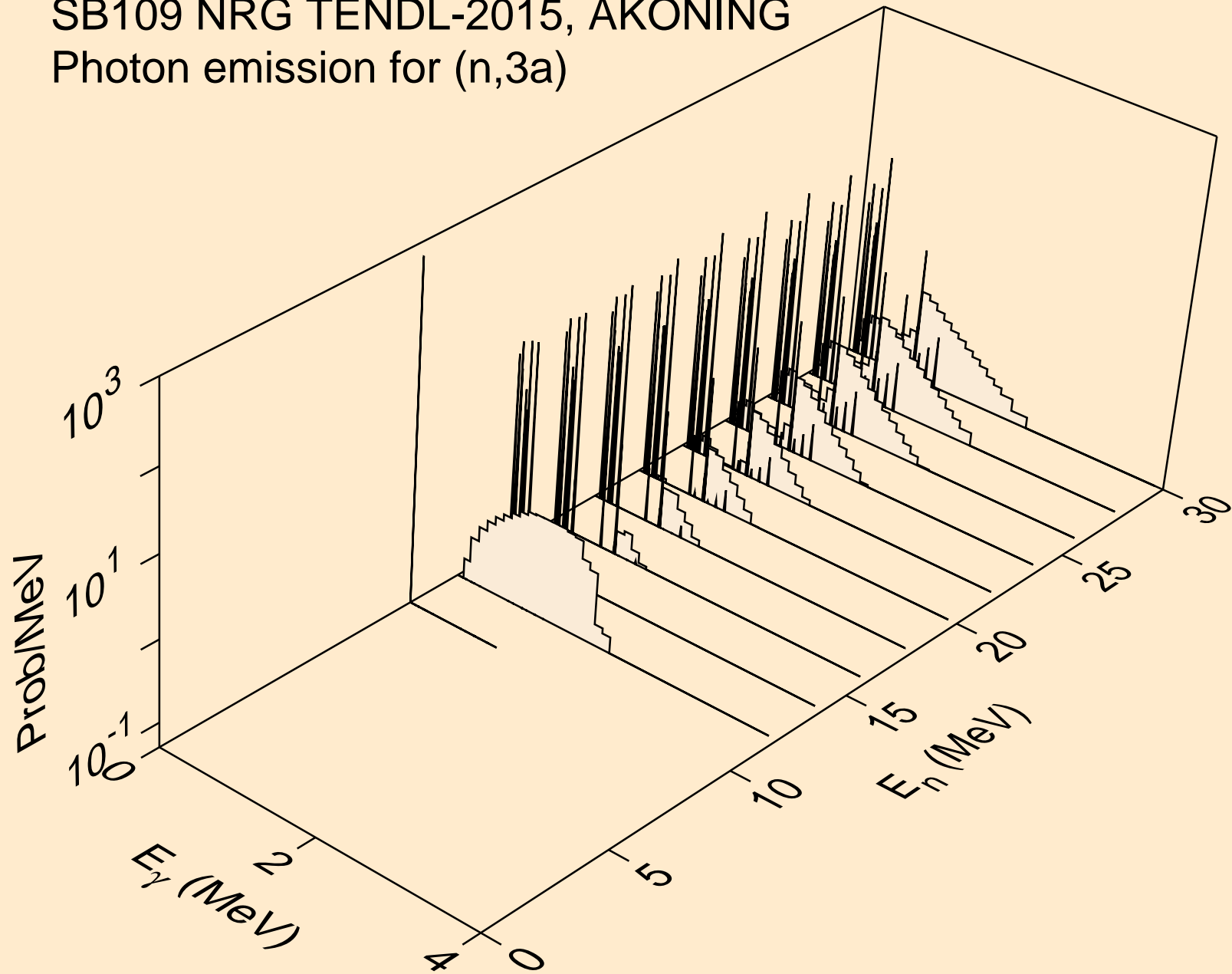
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



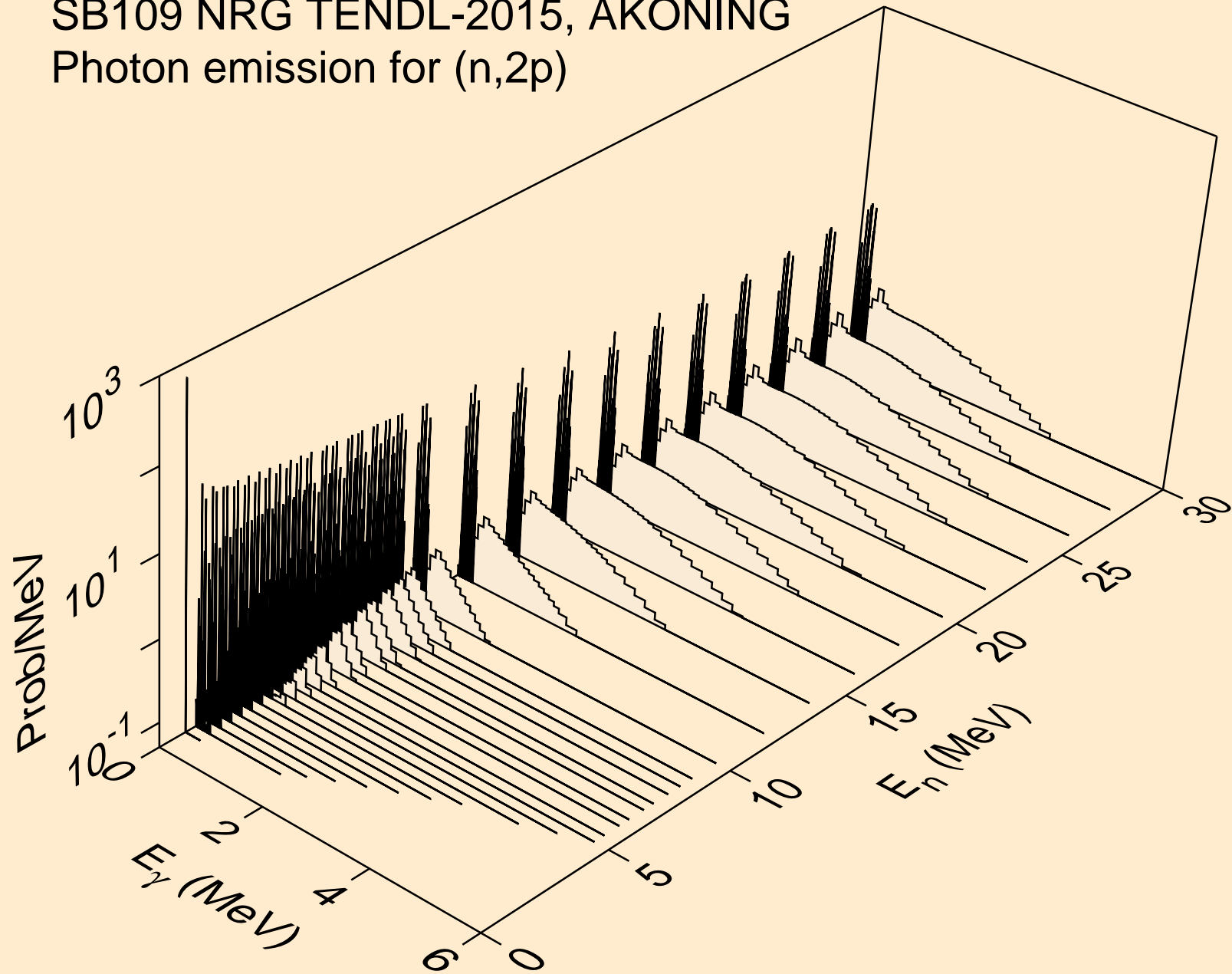
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



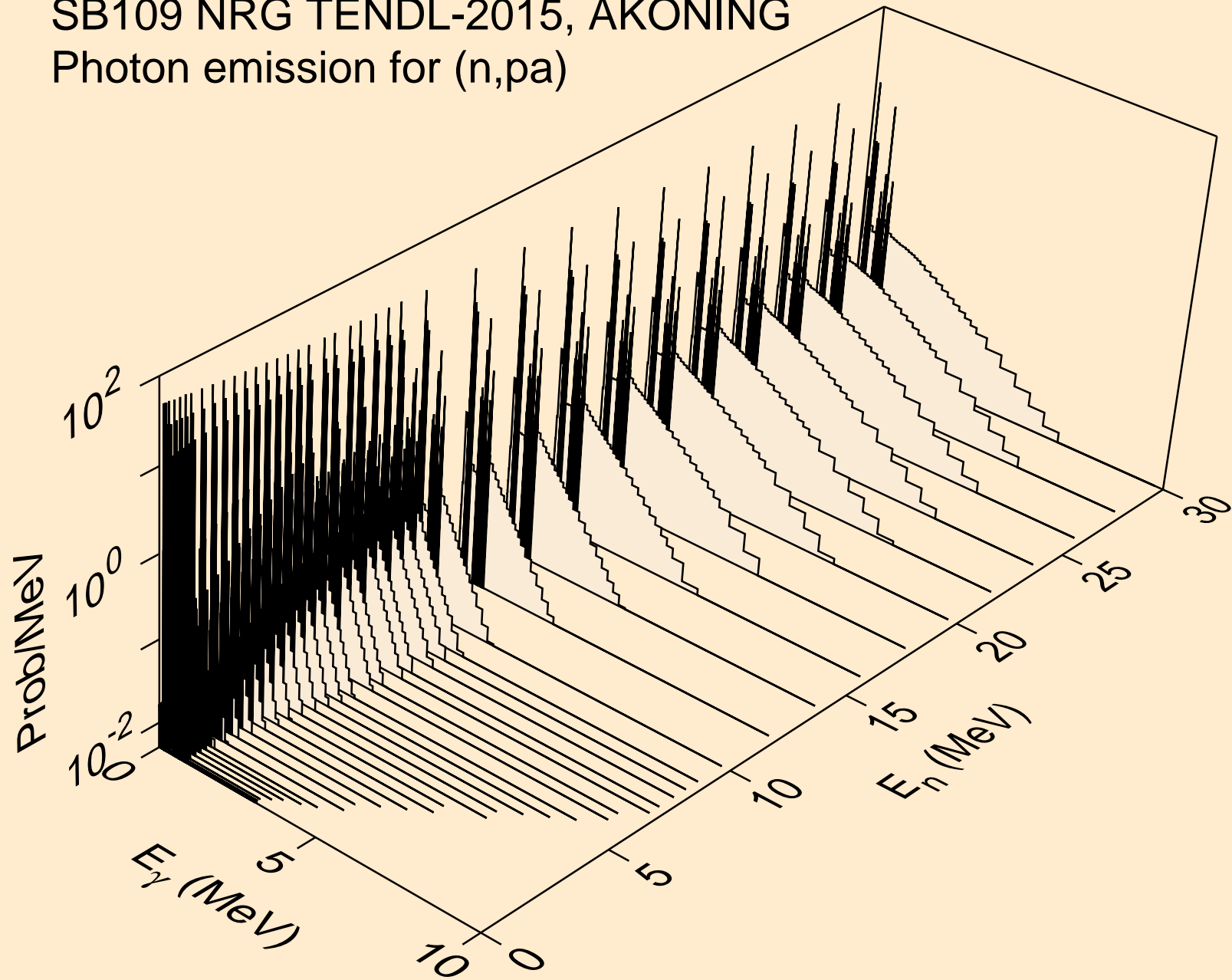
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



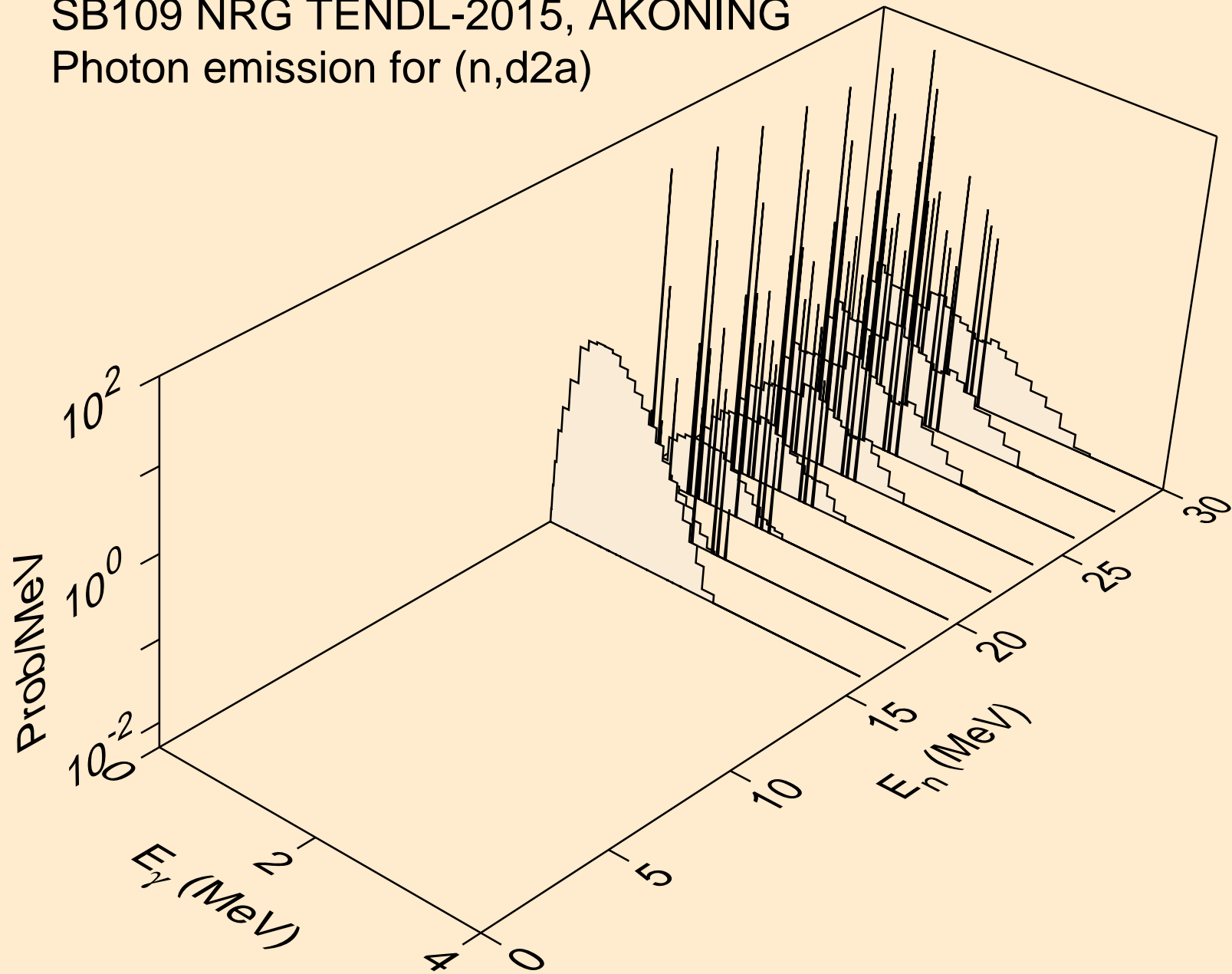
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

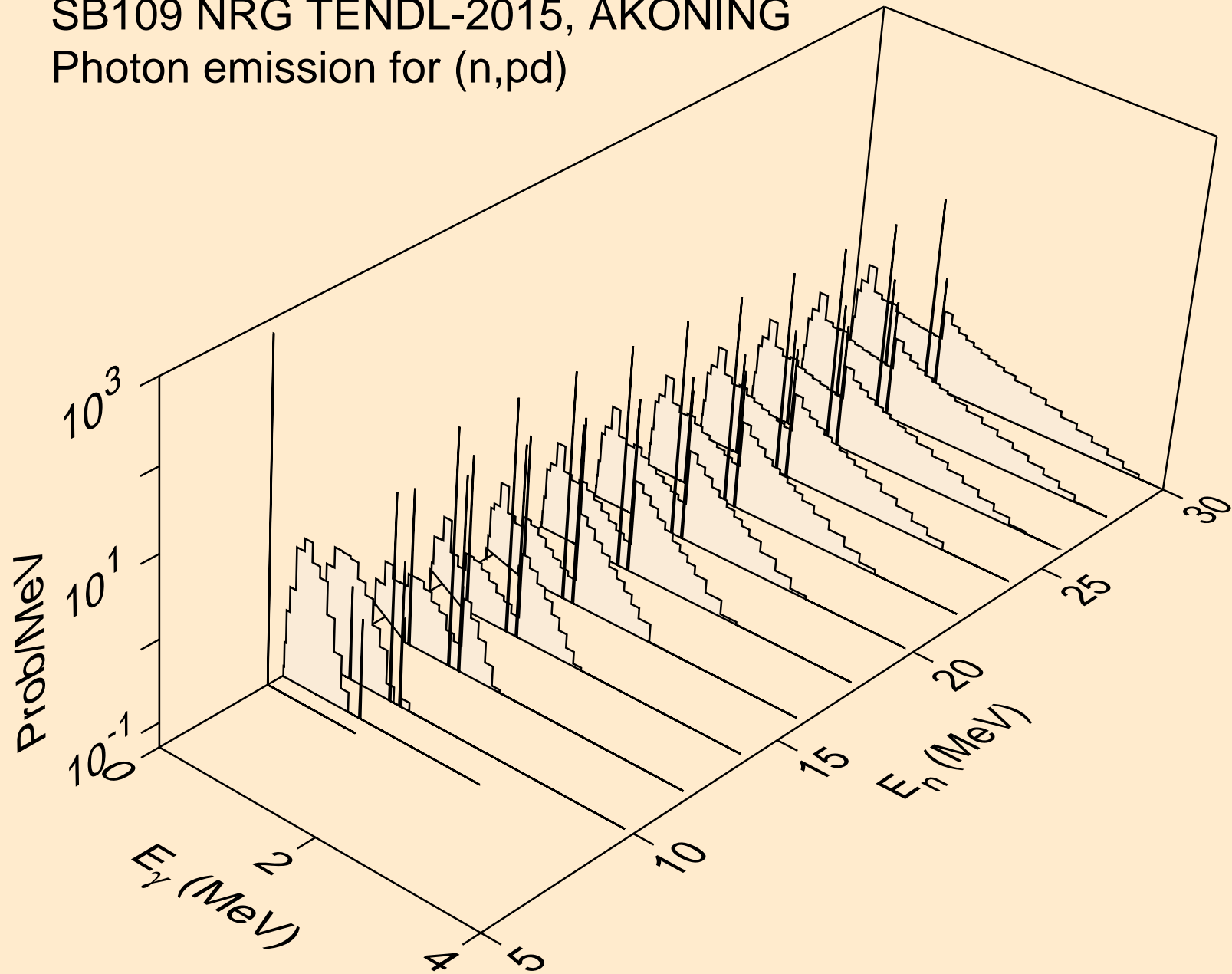


SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

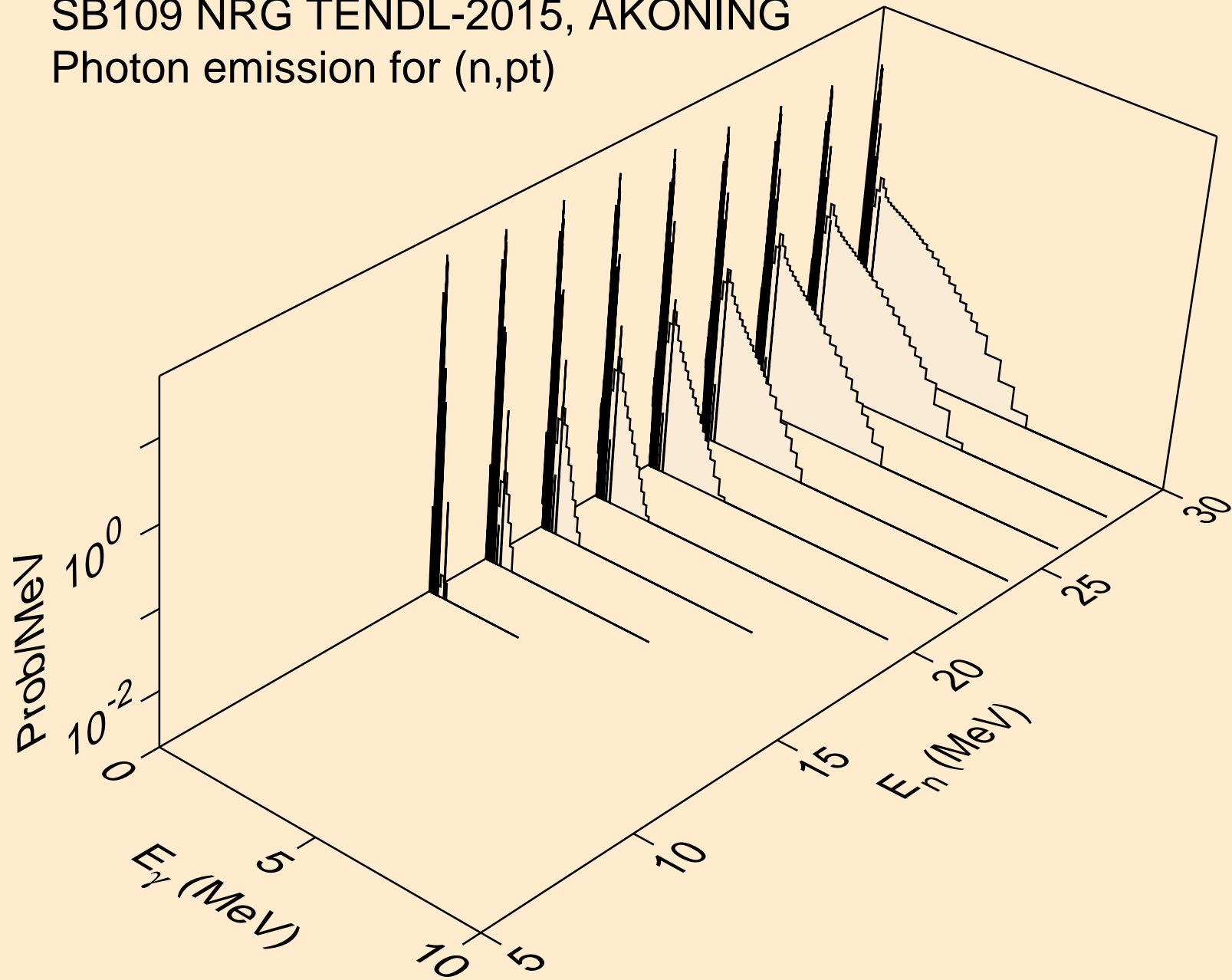




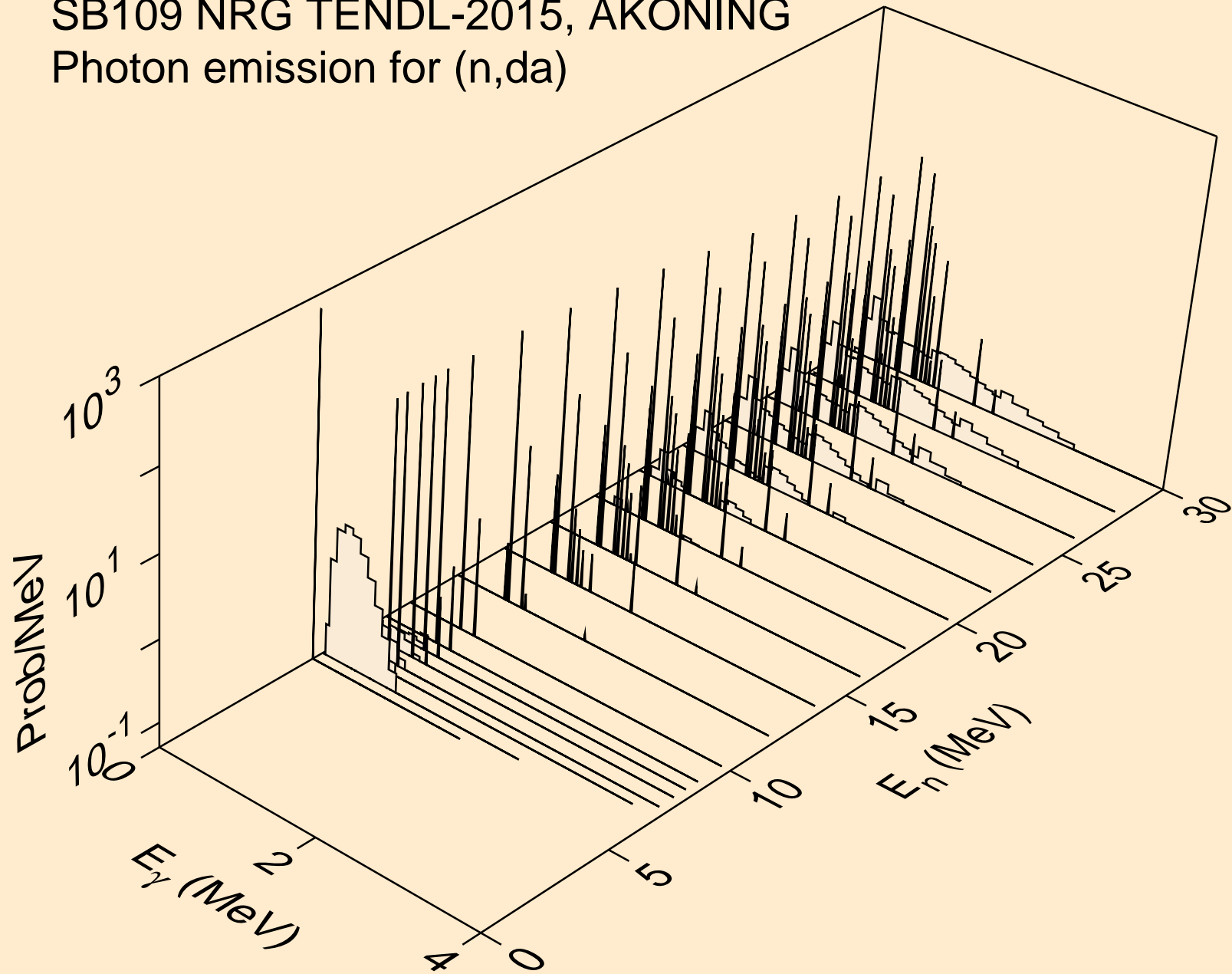
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



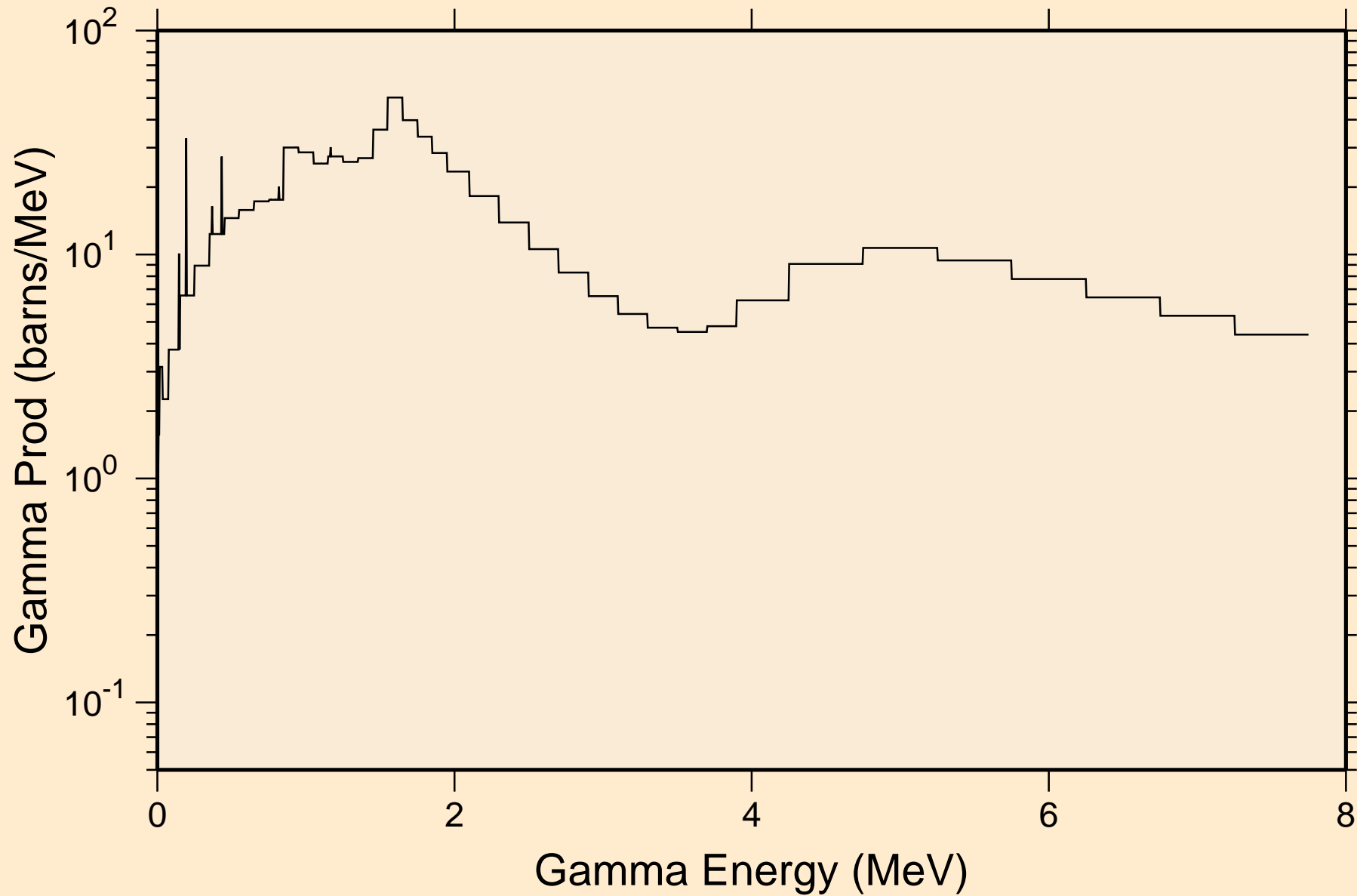
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



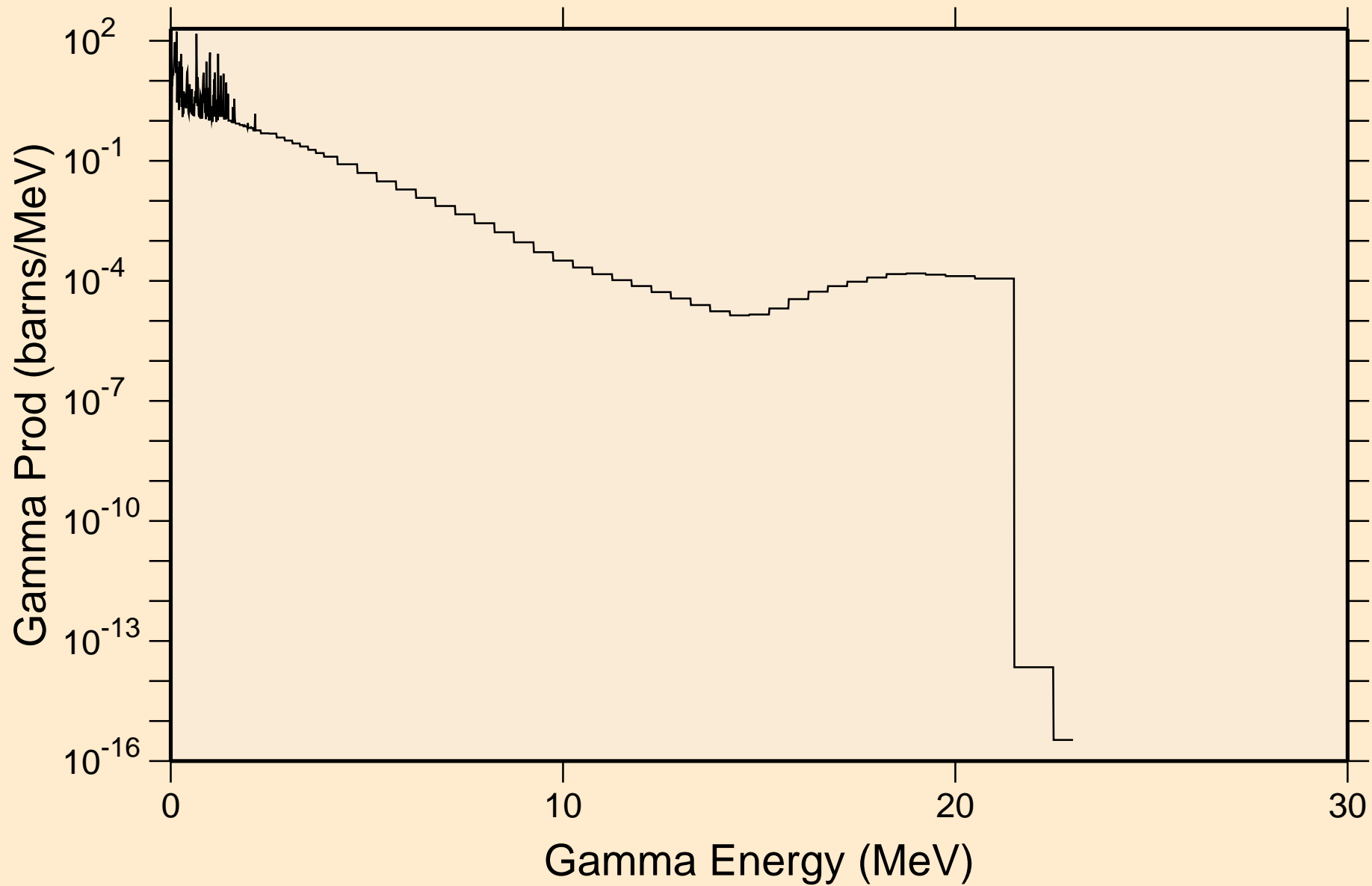
SB109 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



SB109 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

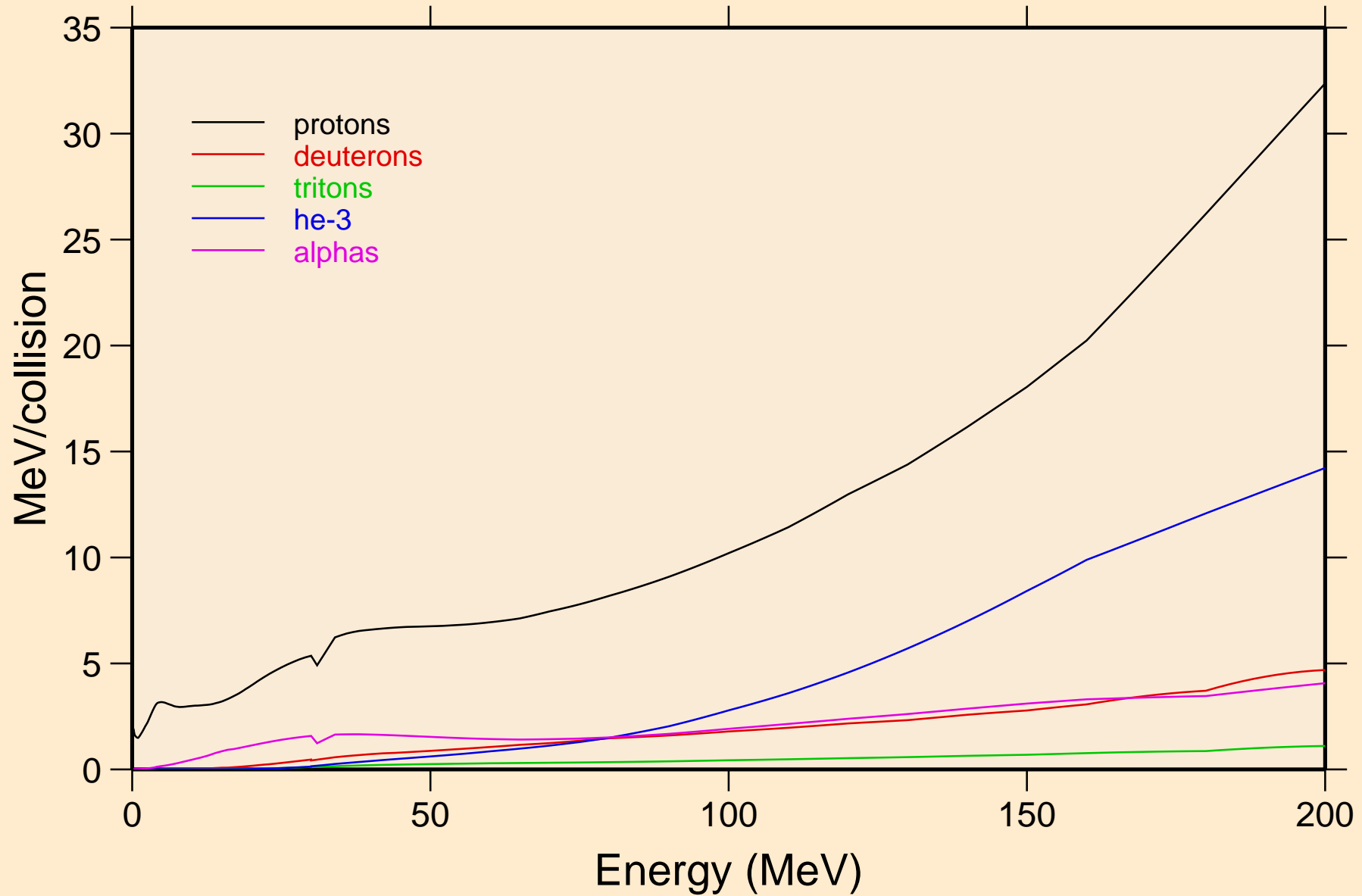


SB109 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



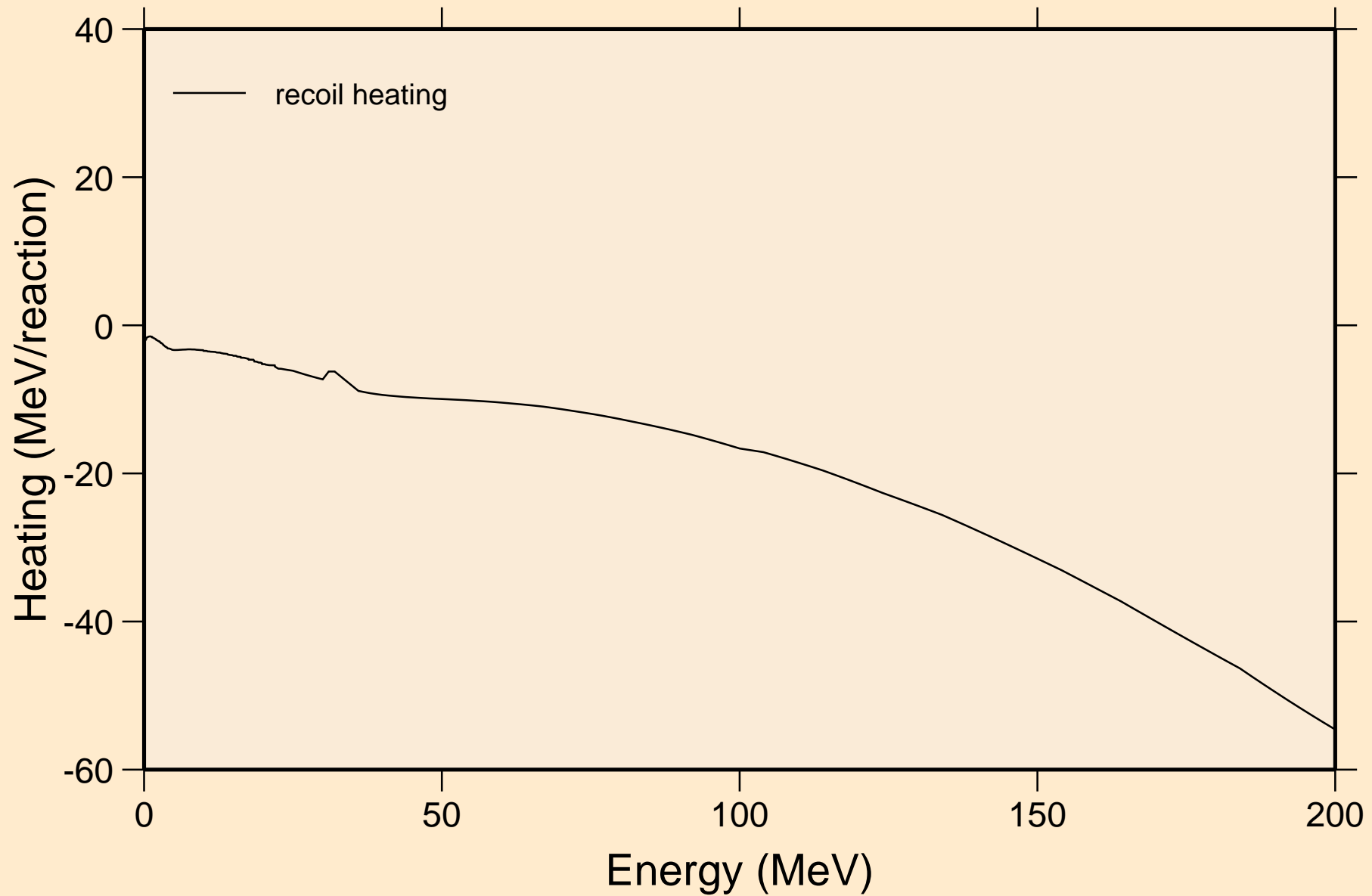
# SB109 NRG TENDL-2015, AKONING

## Particle heating contributions



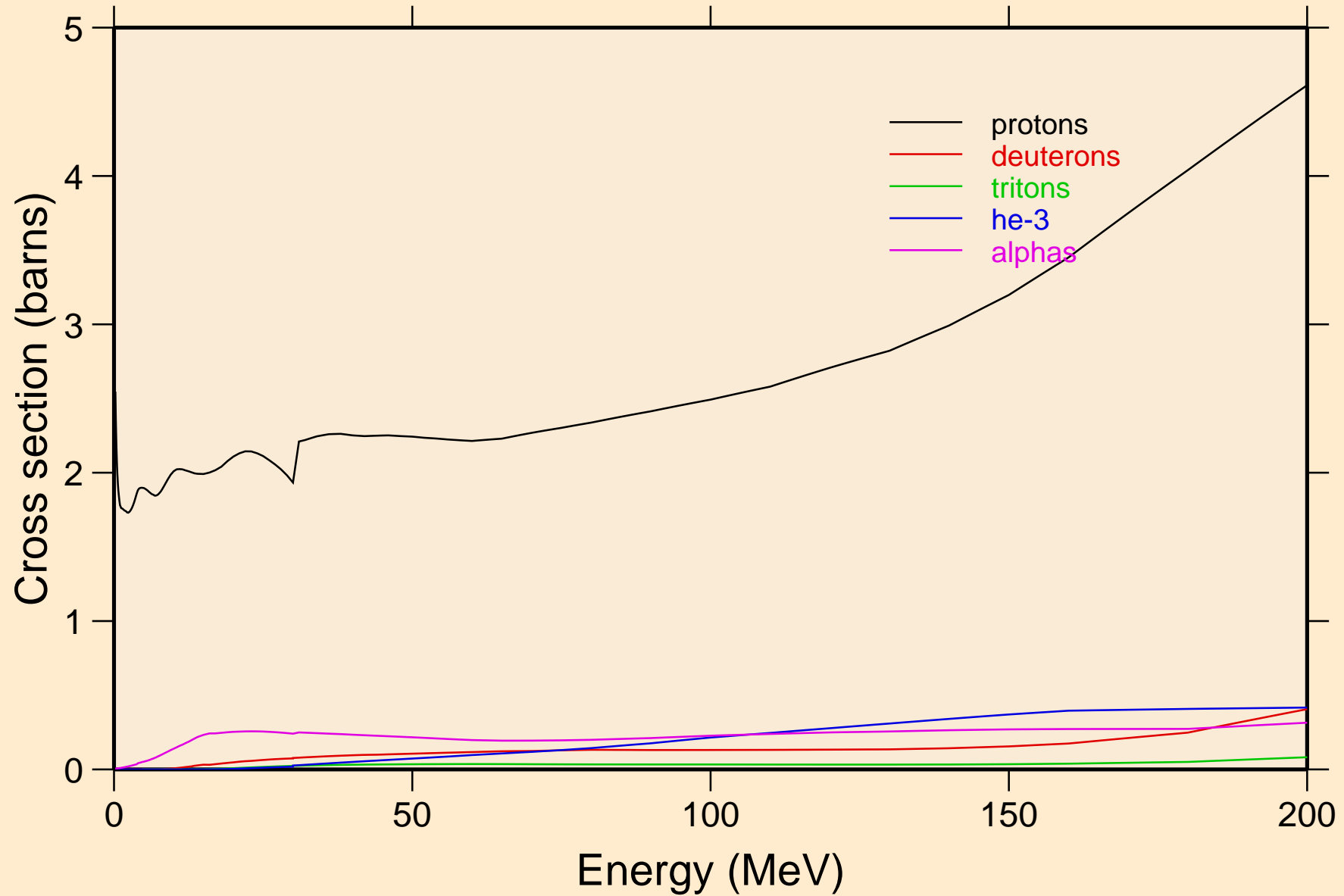
# SB109 NRG TENDL-2015, AKONING

## Recoil Heating



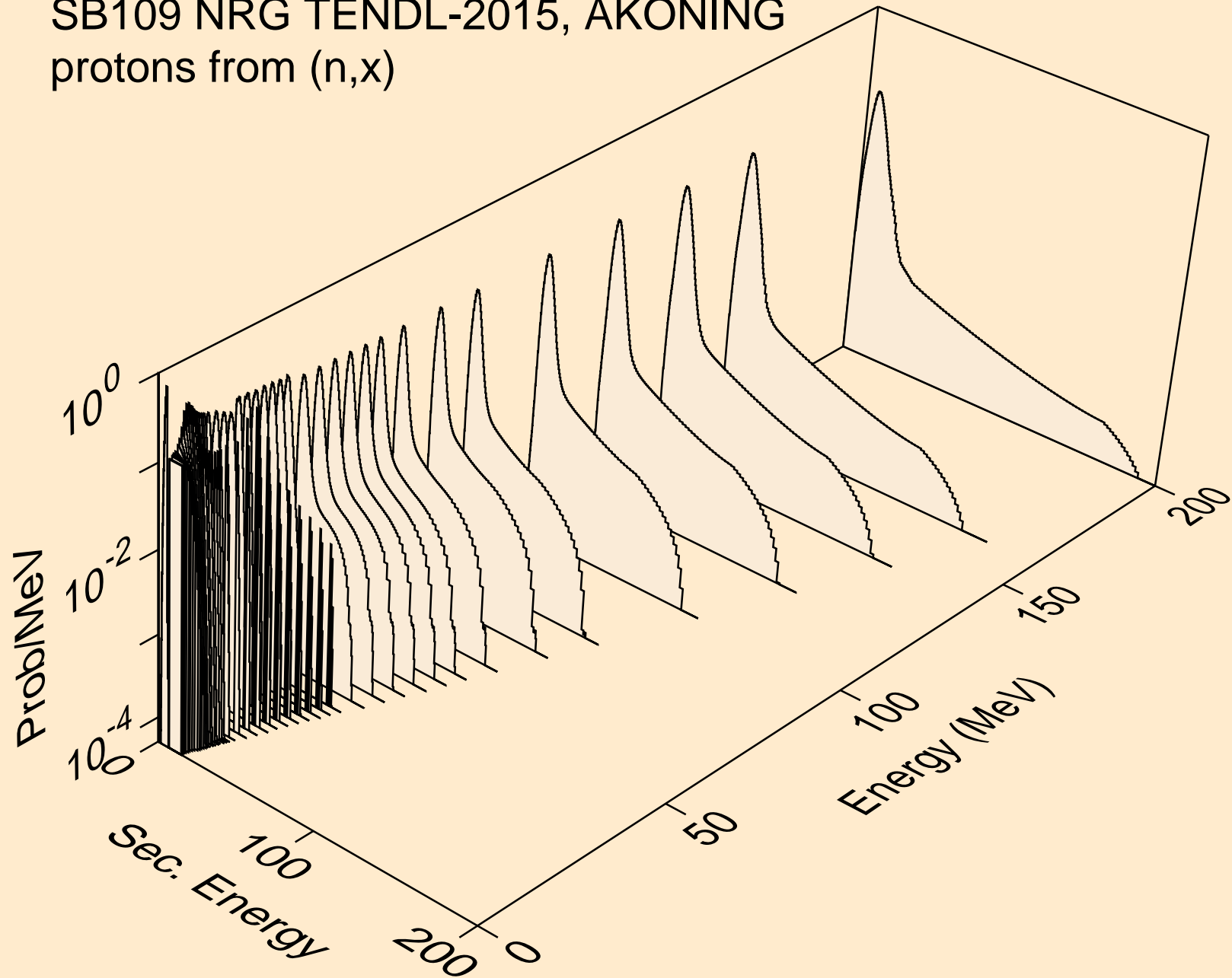
# SB109 NRG TENDL-2015, AKONING

## Particle production cross sections

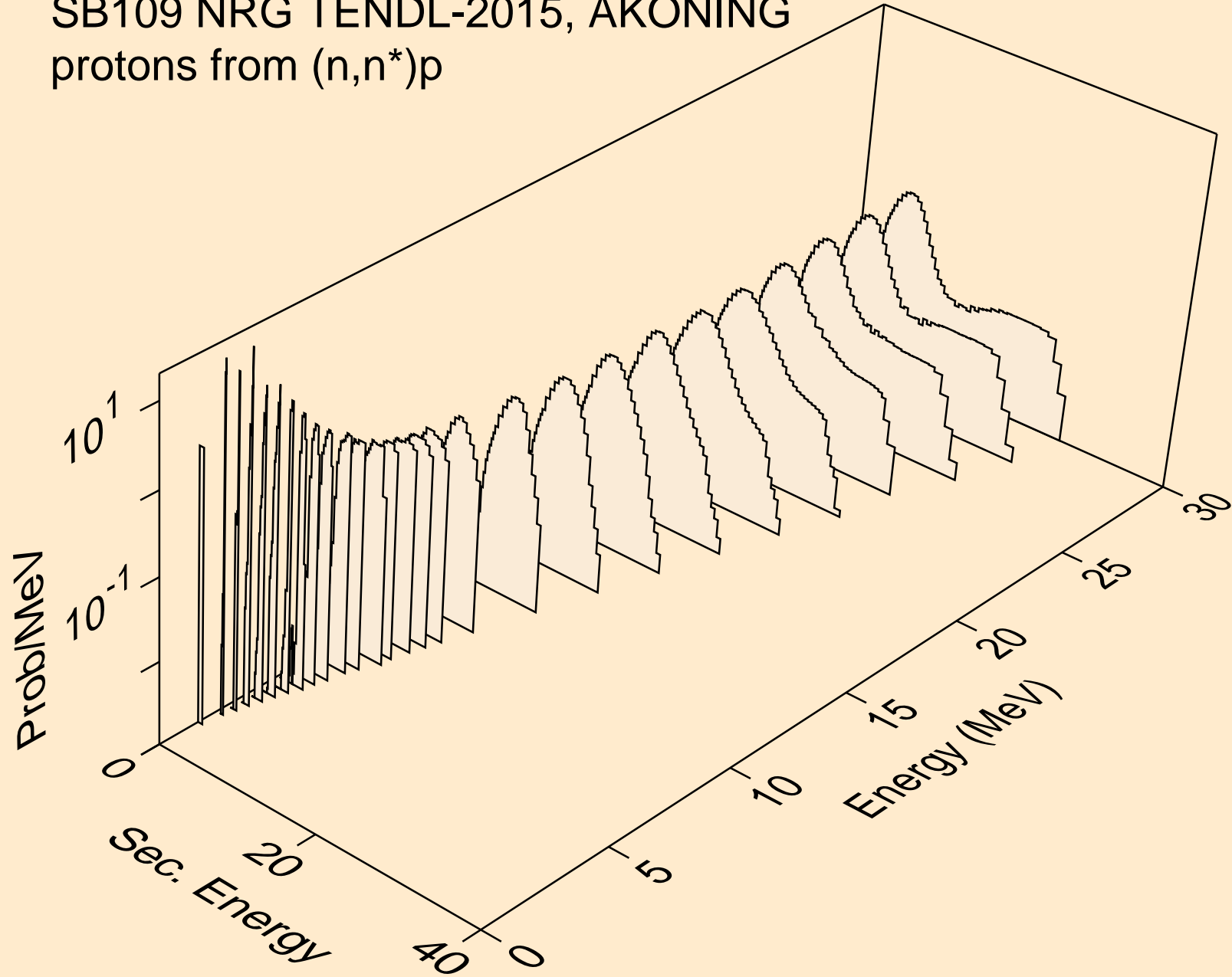




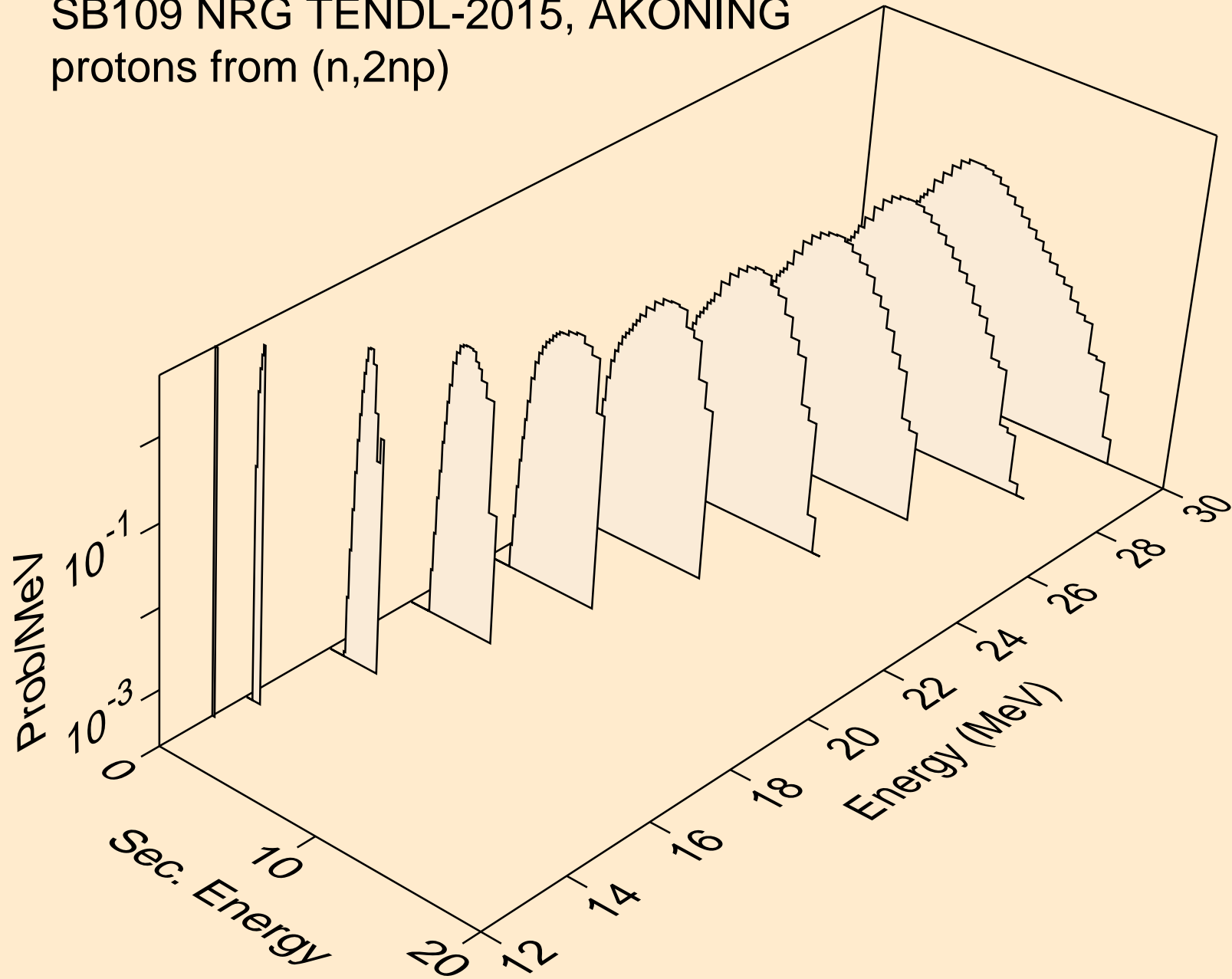
SB109 NRG TENDL-2015, AKONING  
protons from (n,x)



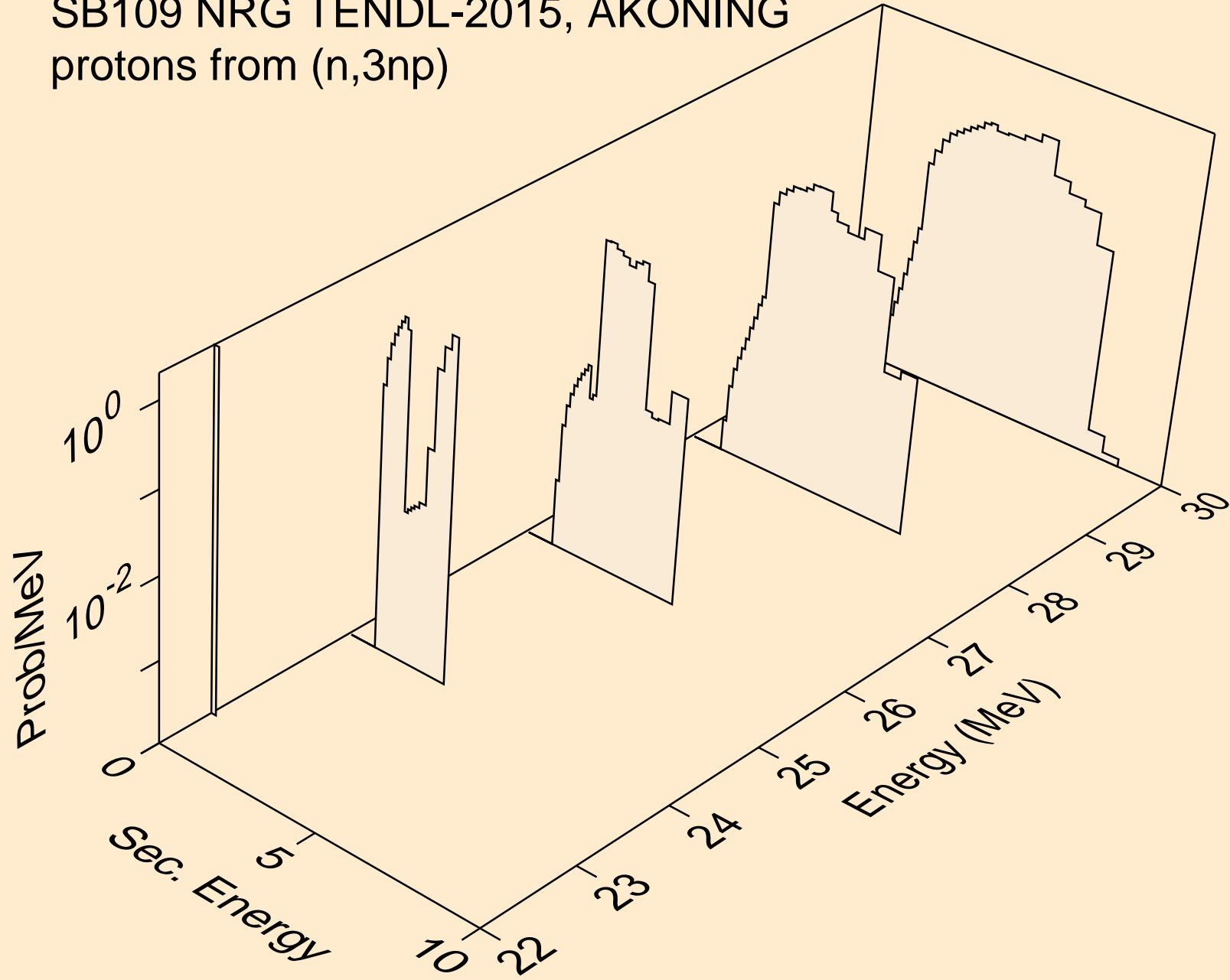
SB109 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



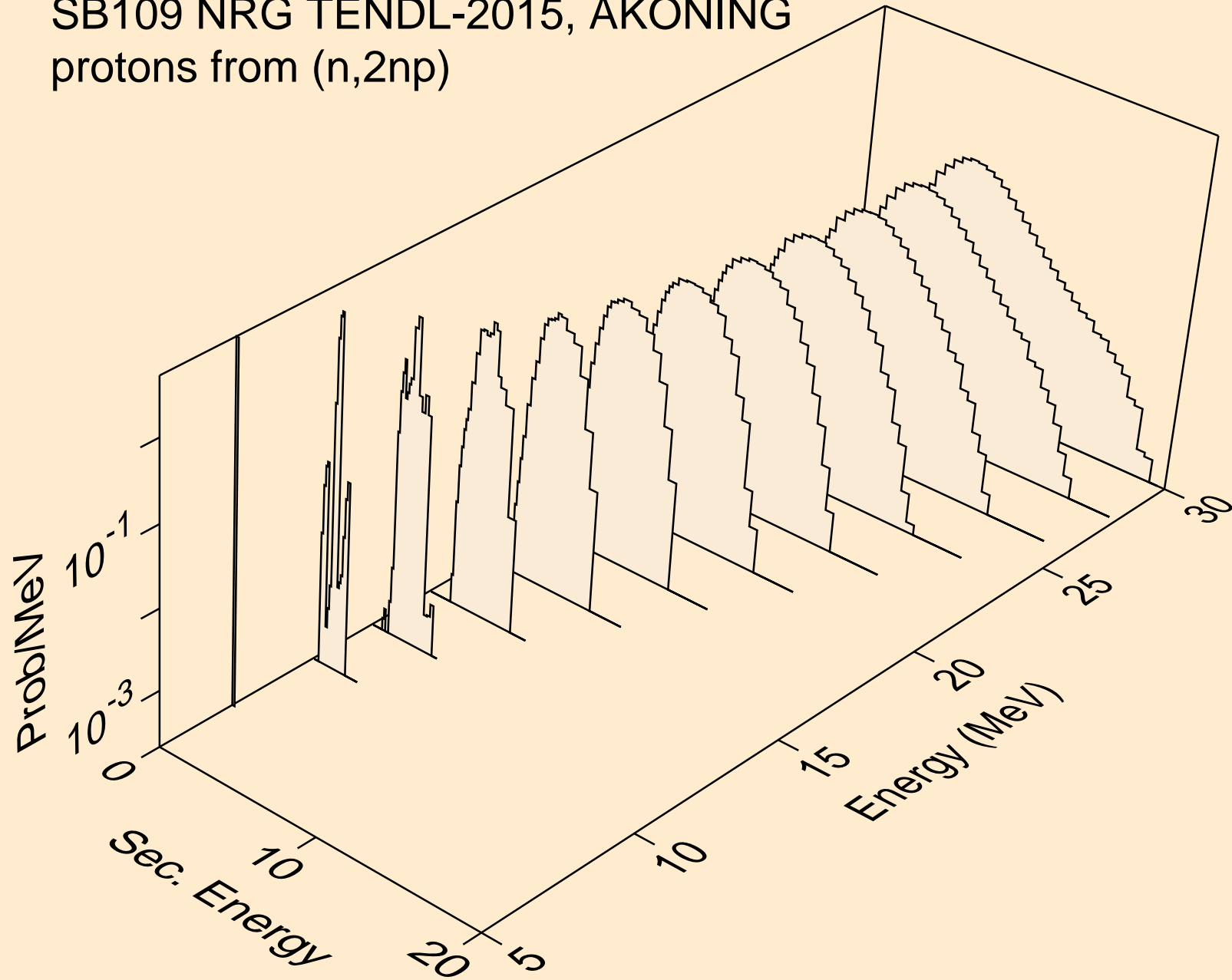
SB109 NRG TENDL-2015, AKONING  
protons from (n,2np)



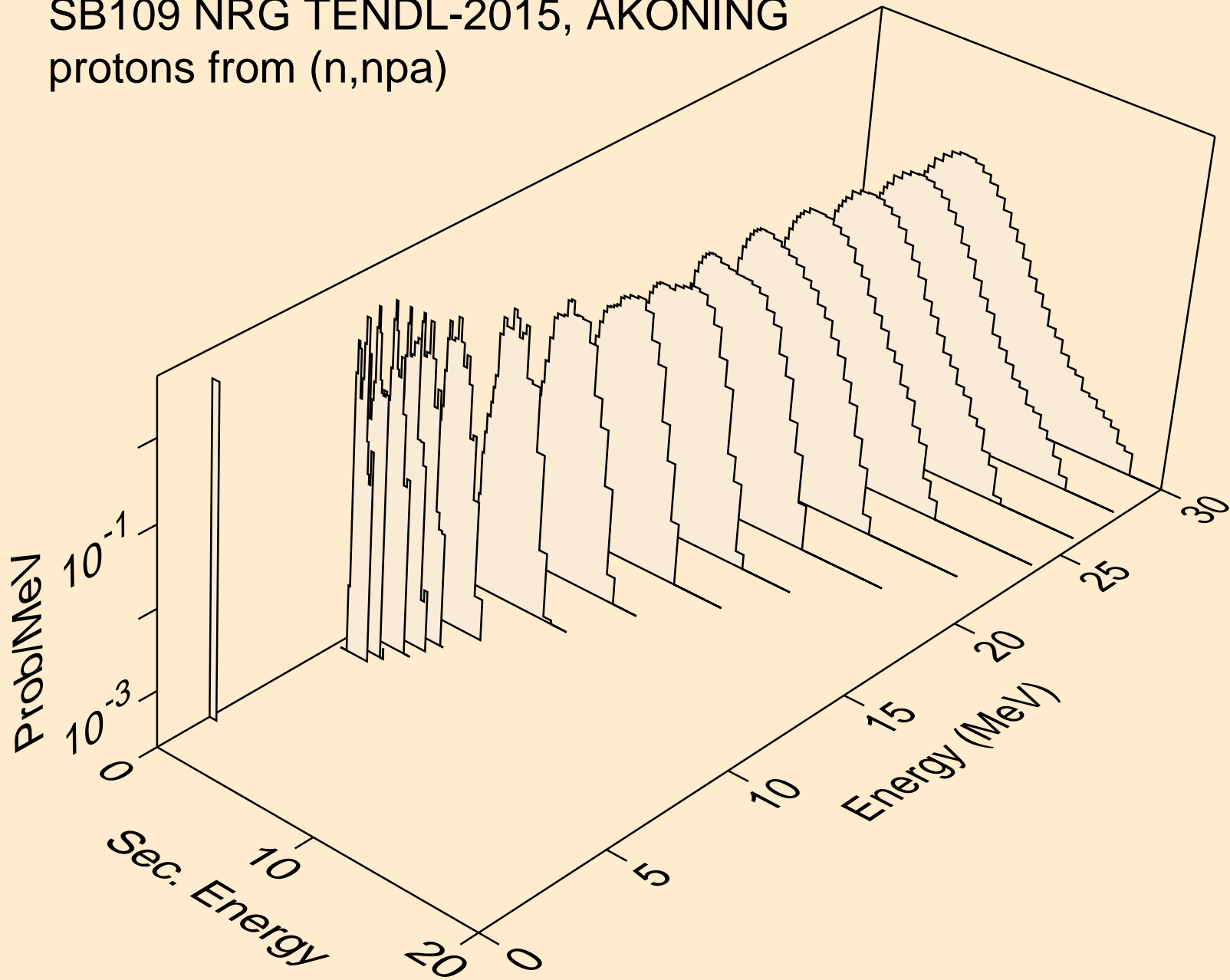
SB109 NRG TENDL-2015, AKONING  
protons from (n,3np)



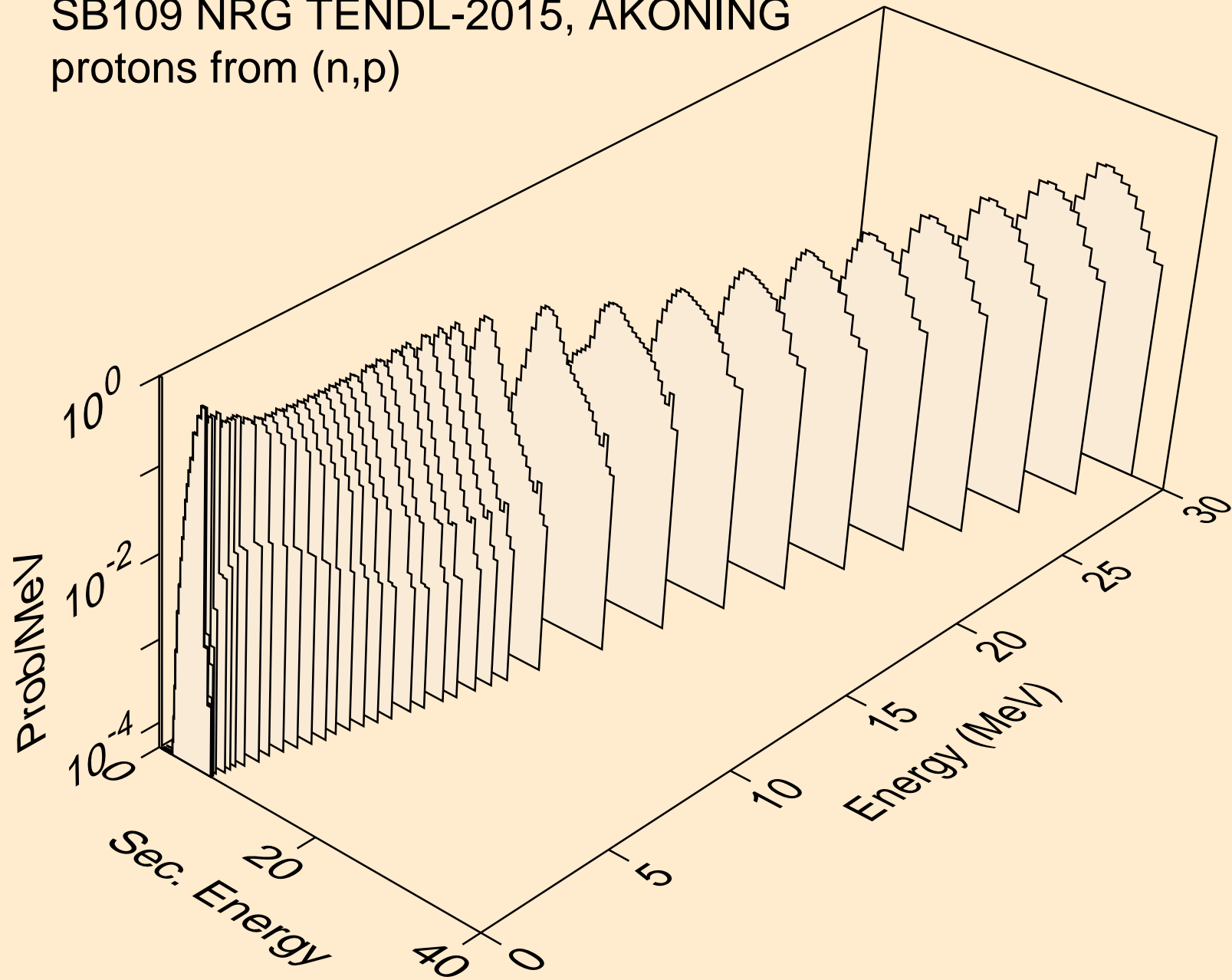
SB109 NRG TENDL-2015, AKONING  
protons from (n,2np)



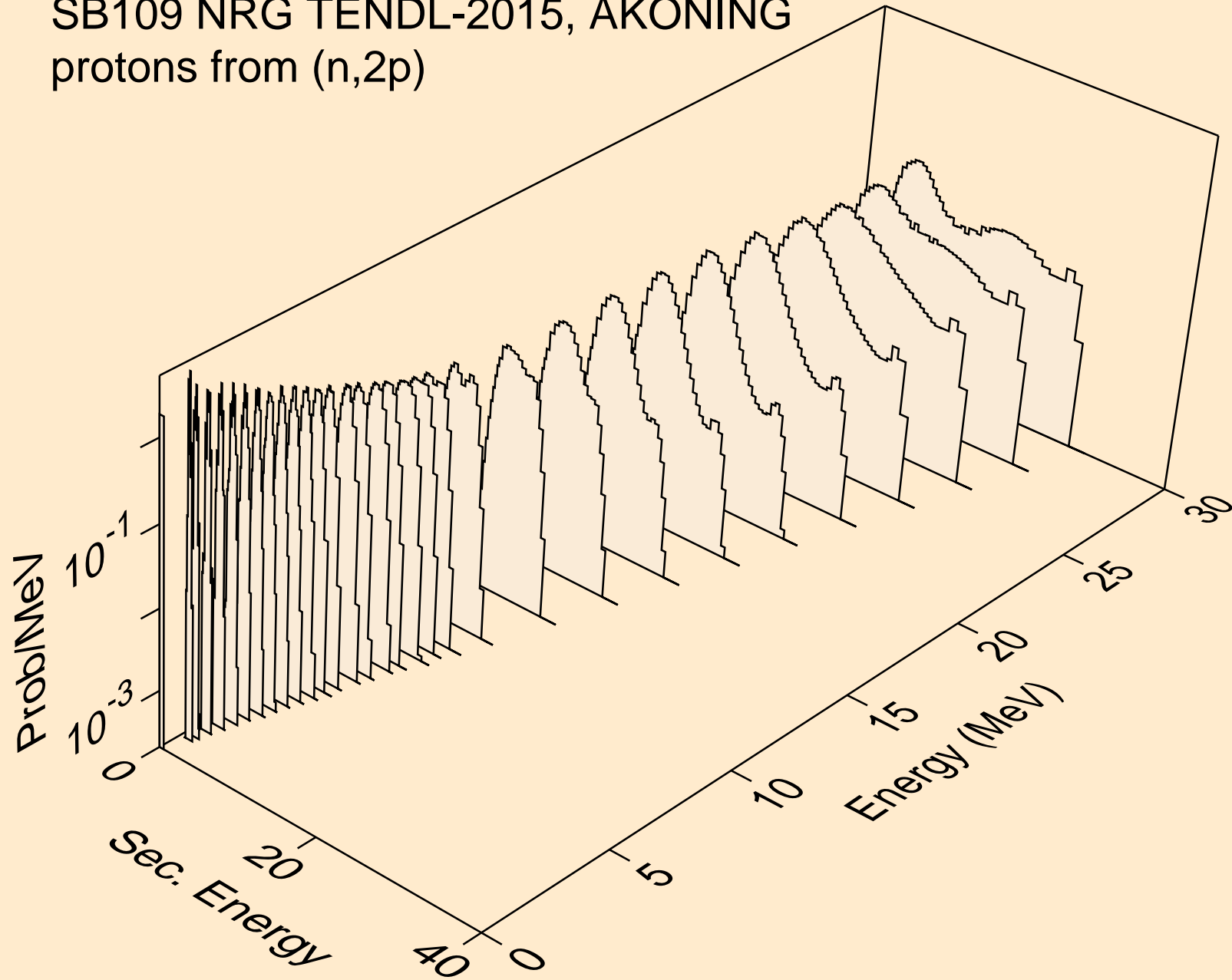
SB109 NRG TENDL-2015, AKONING  
protons from (n,npa)



SB109 NRG TENDL-2015, AKONING  
protons from (n,p)

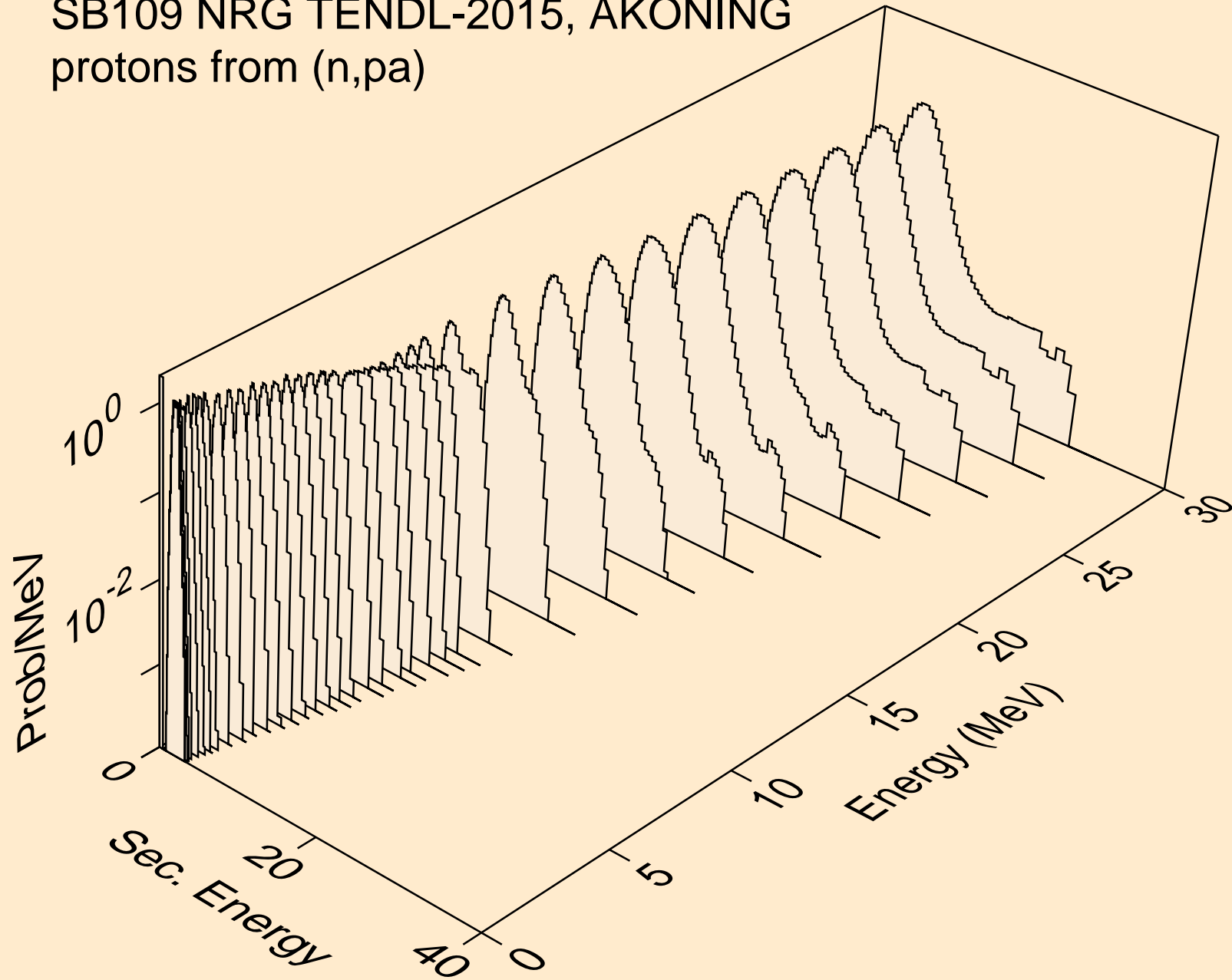


SB109 NRG TENDL-2015, AKONING  
protons from (n,2p)

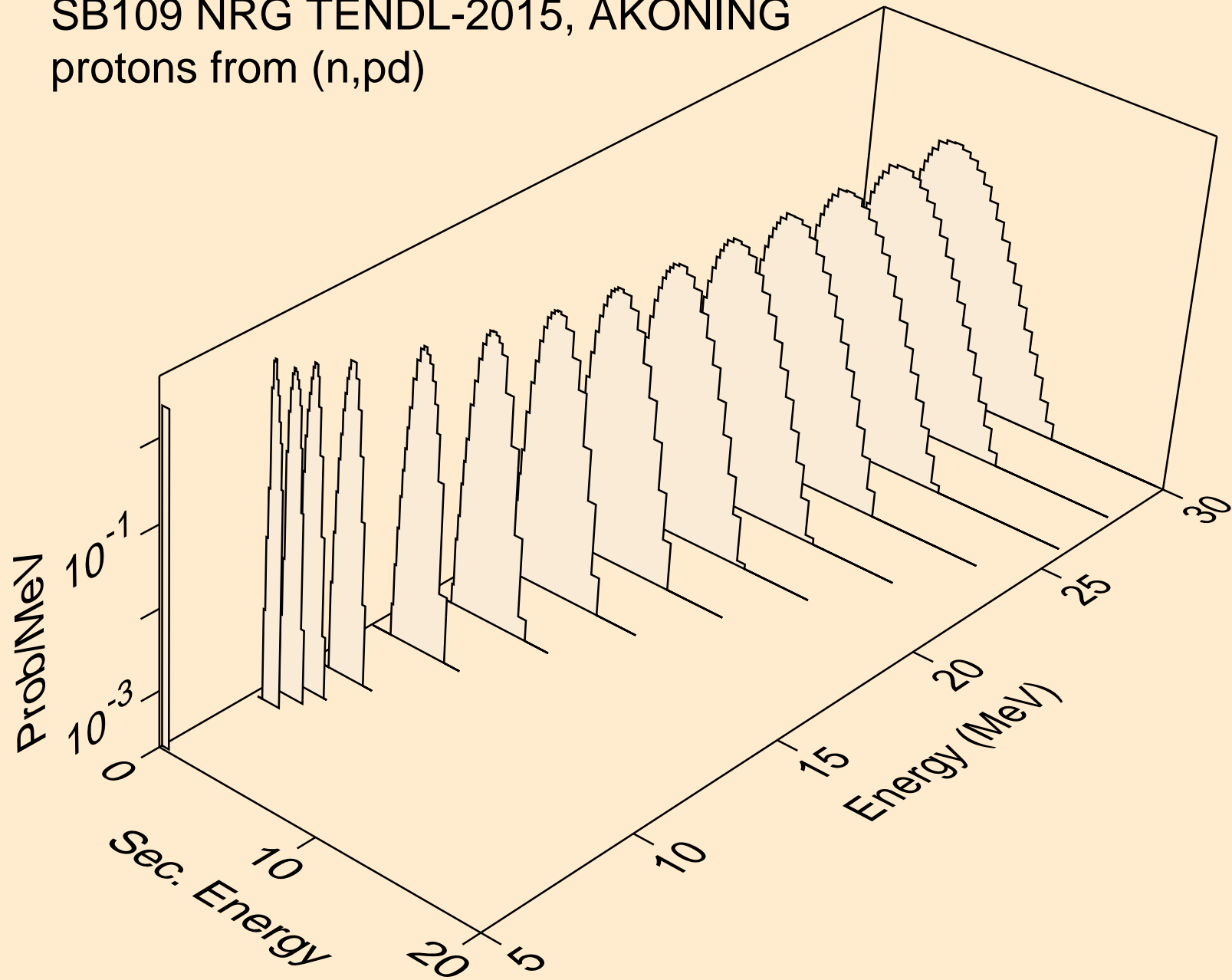




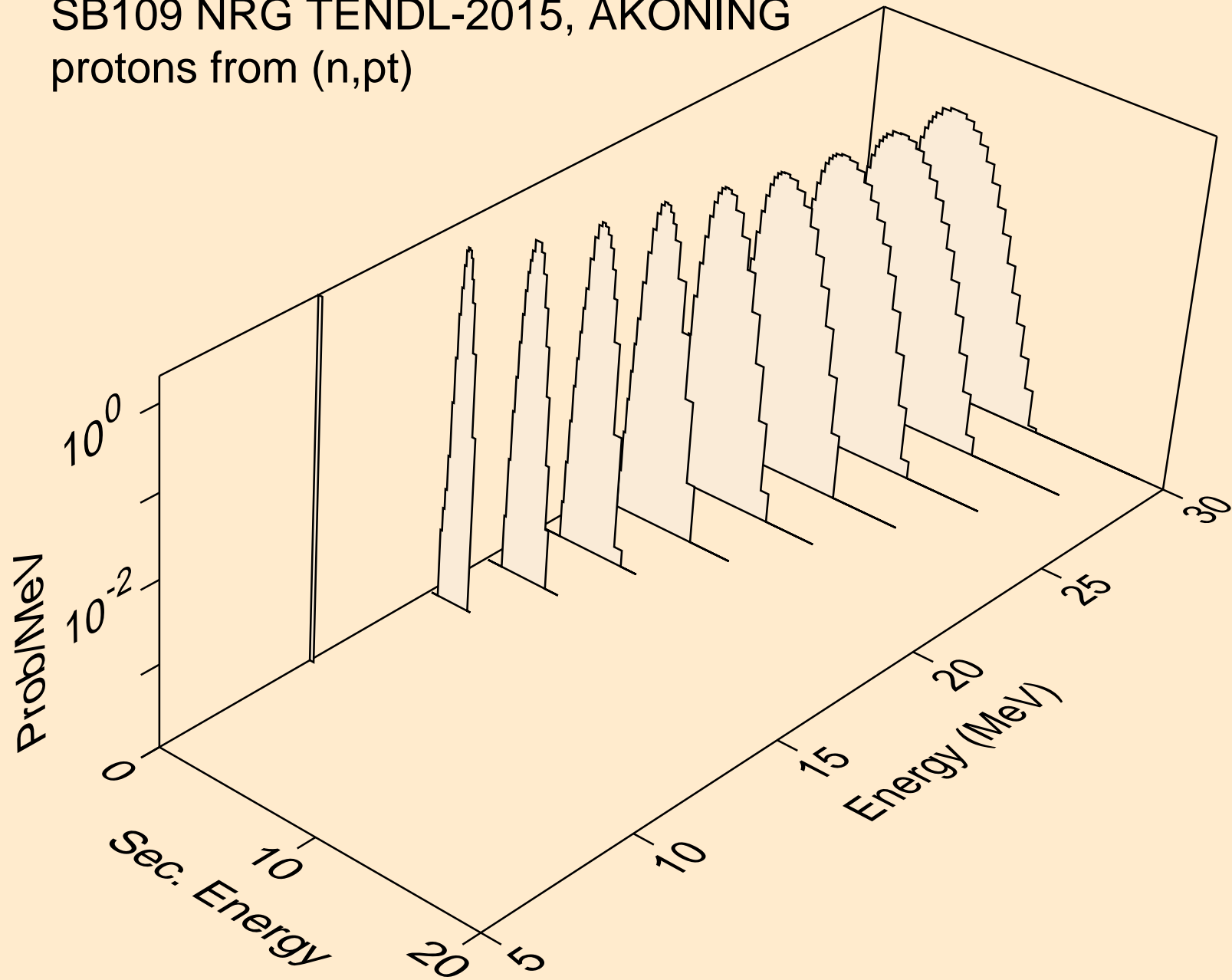
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protons from (n,pa)



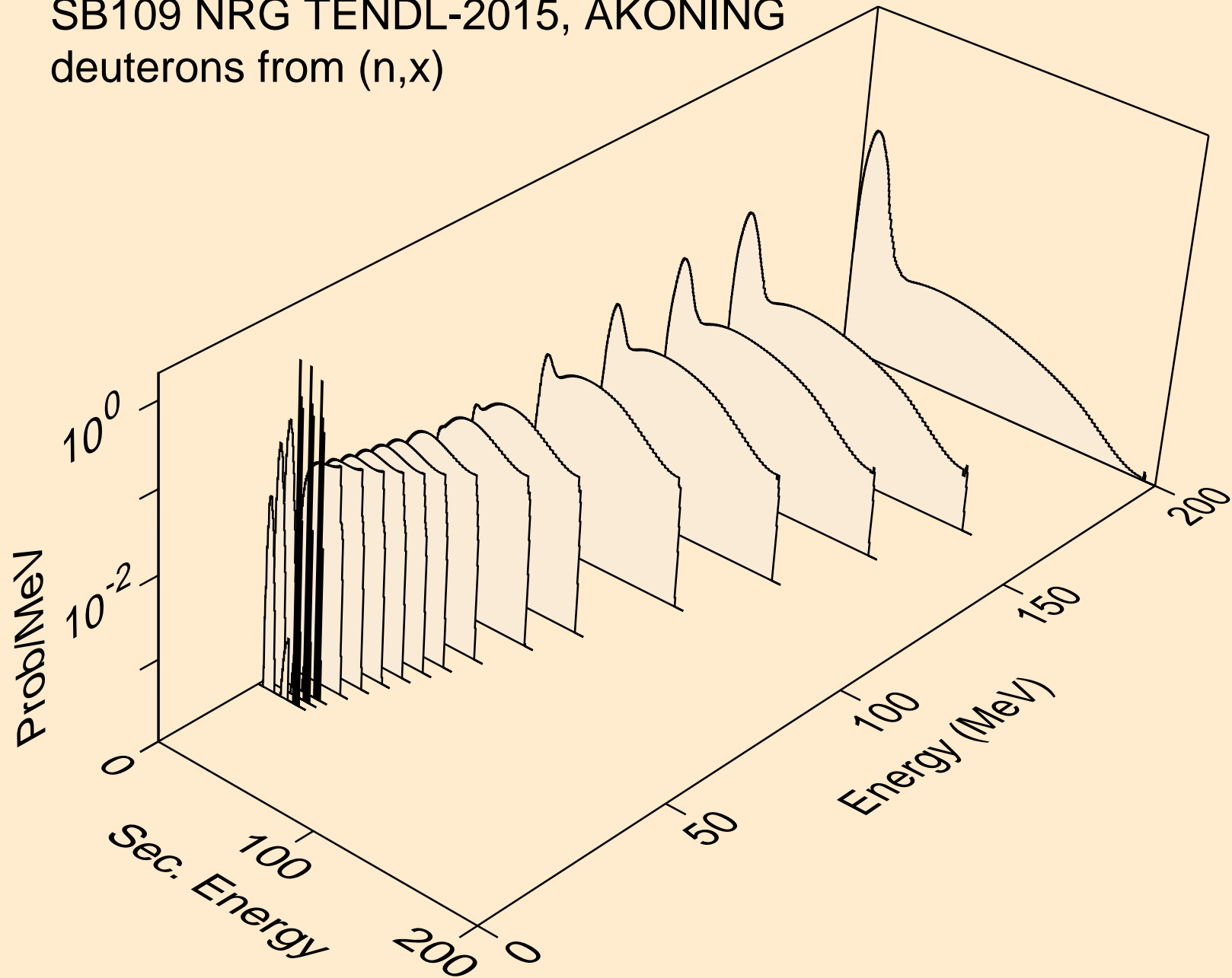
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protons from (n,pd)



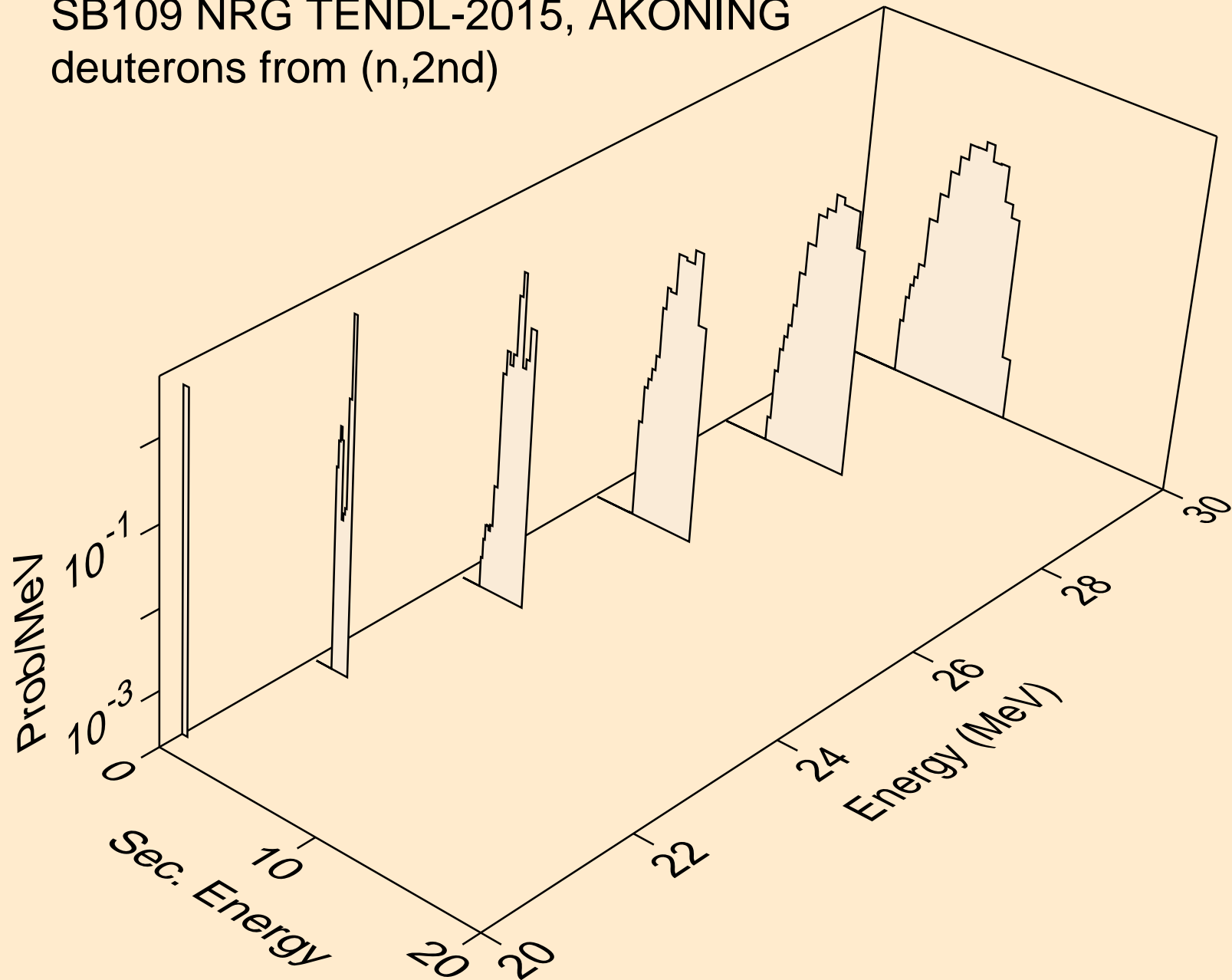
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protons from (n,pt)



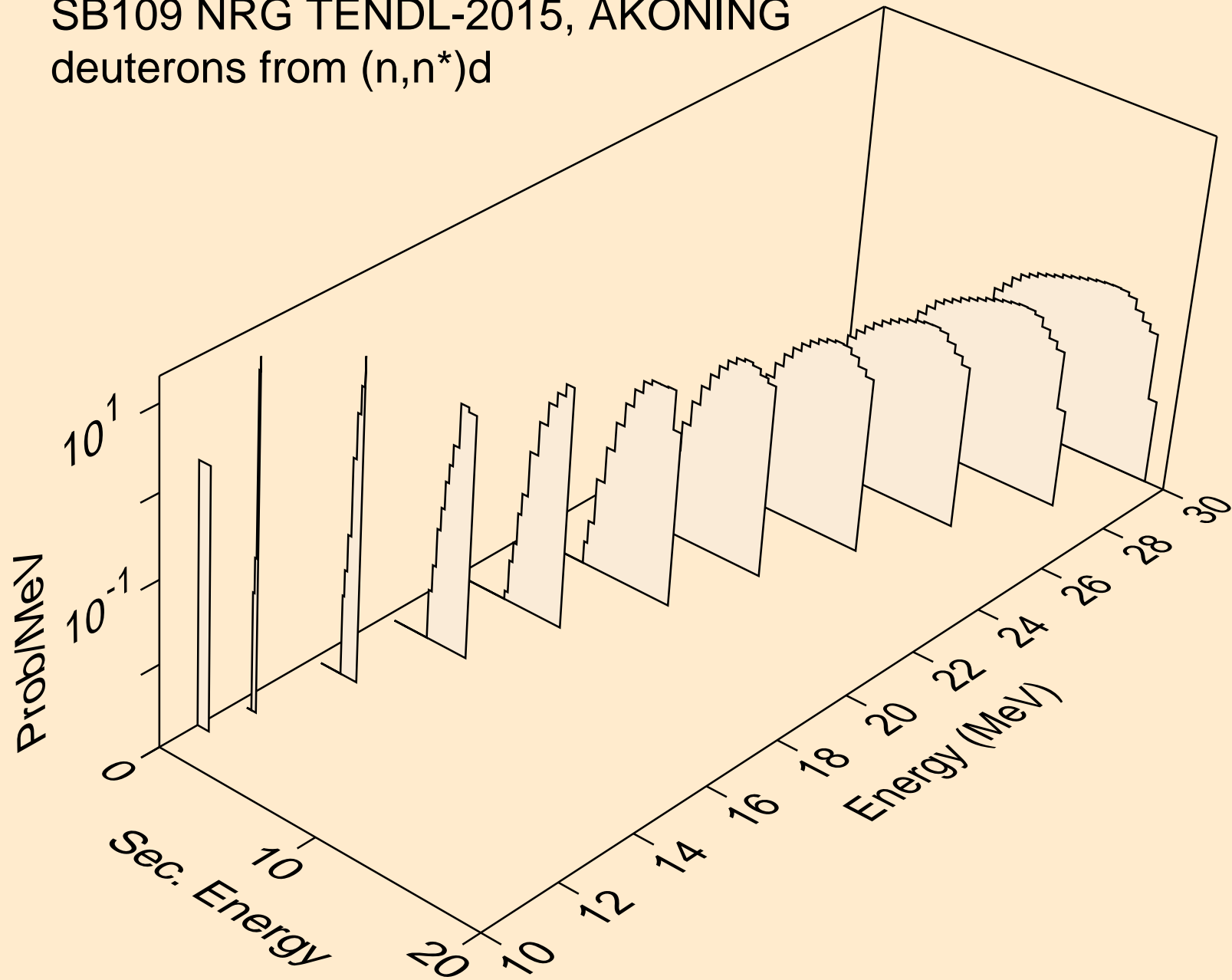
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deuterons from (n,x)



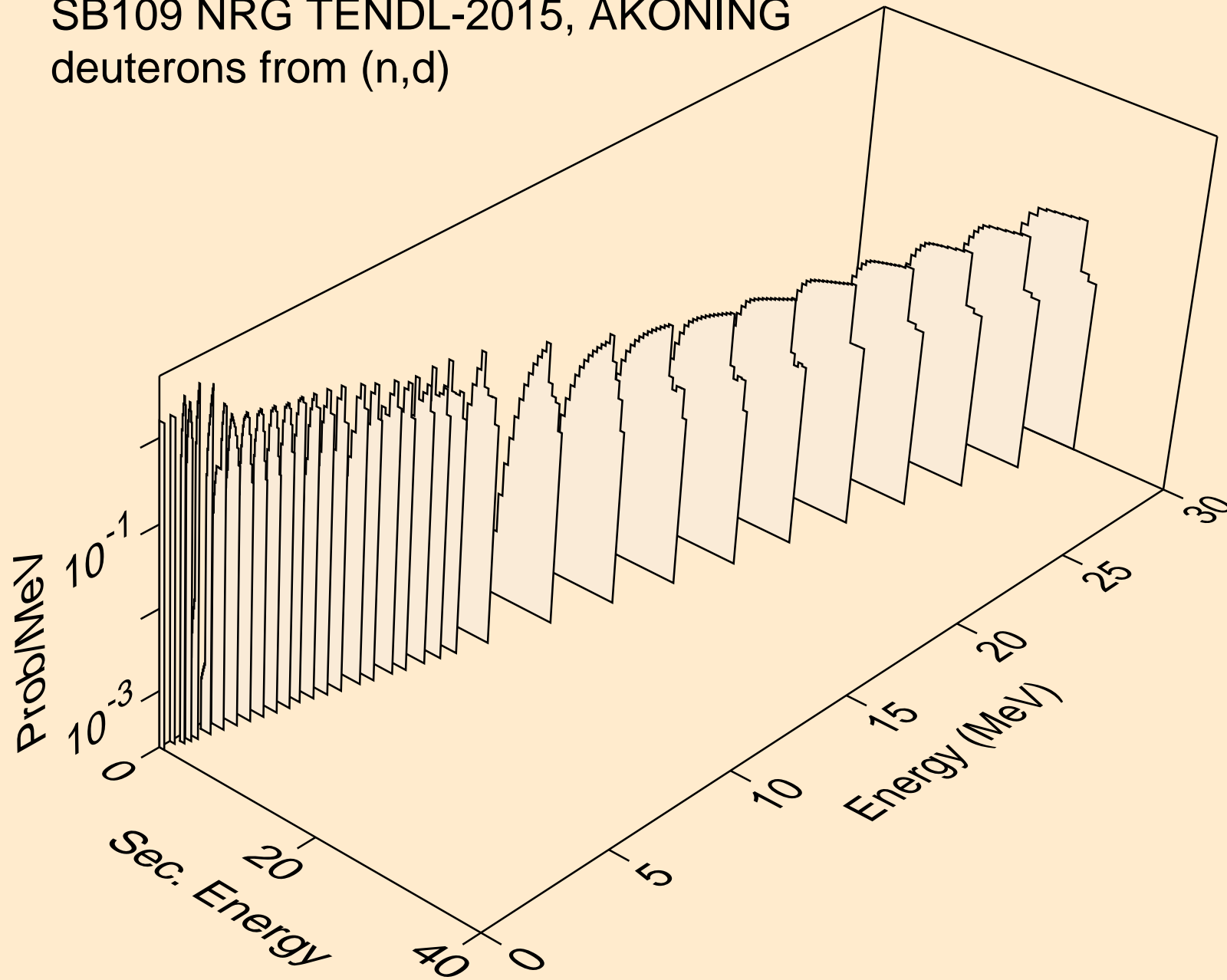
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deuterons from (n,2nd)



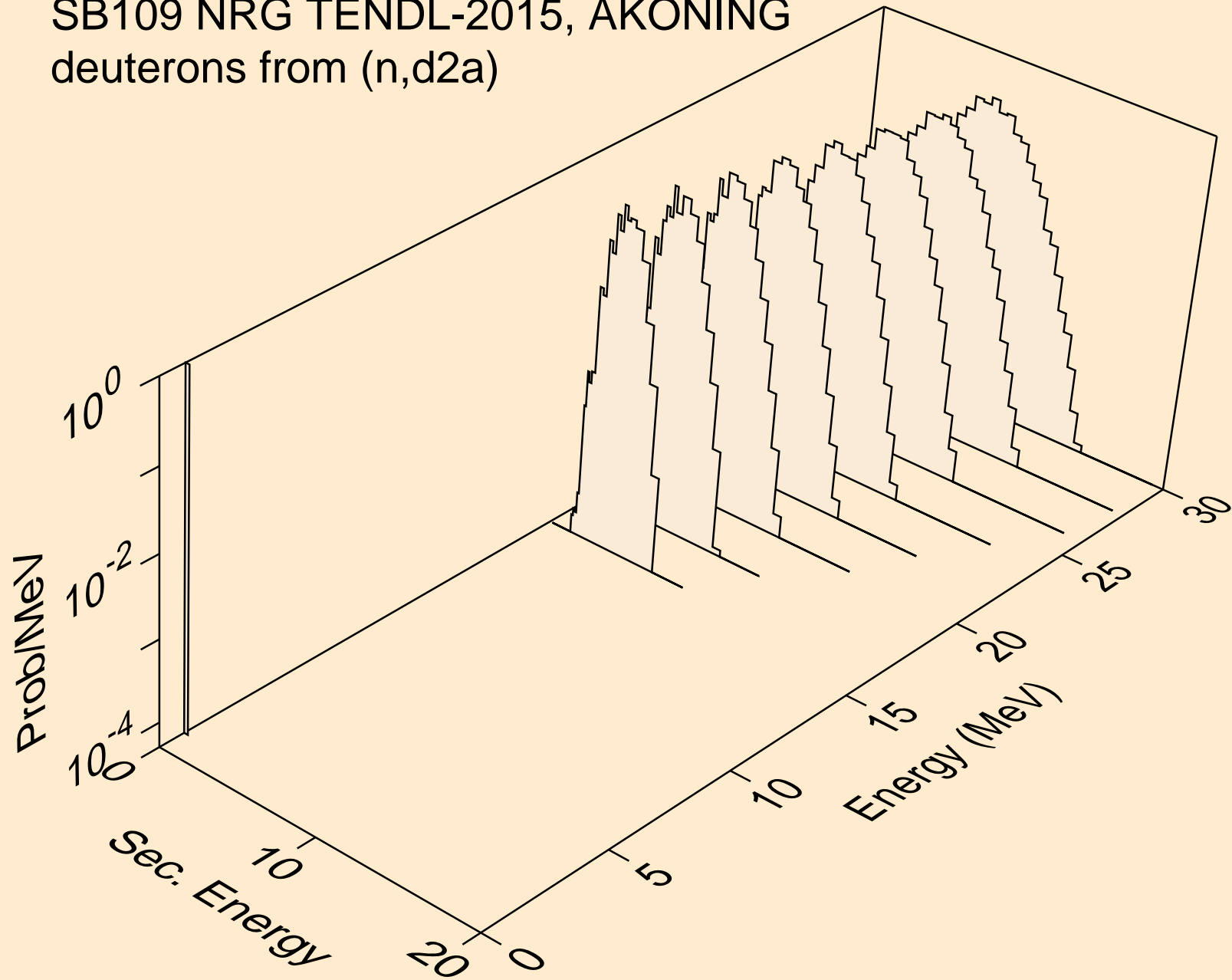
SB109 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



SB109 NRG TENDL-2015, AKONING  
deuterons from (n,d)

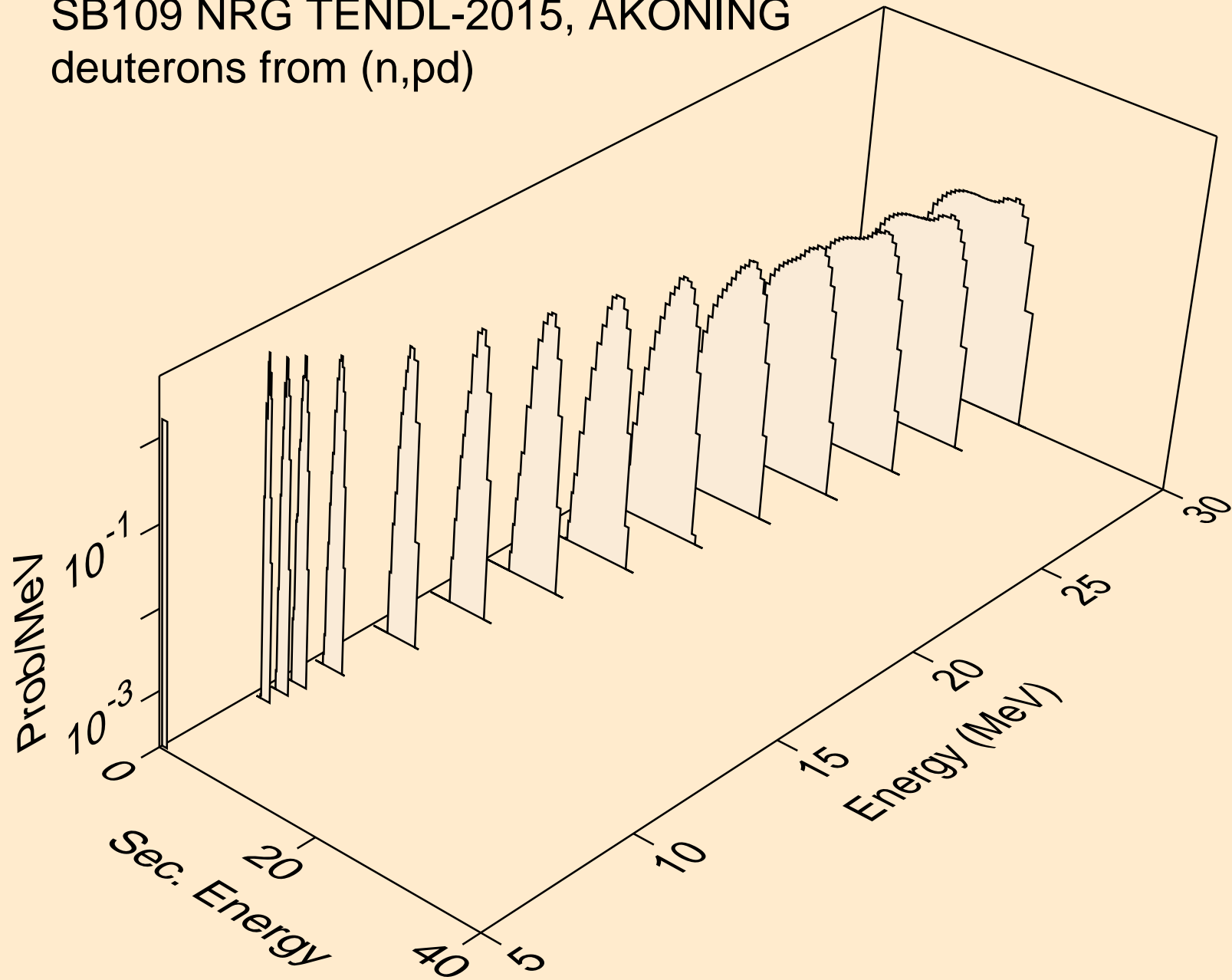


SB109 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

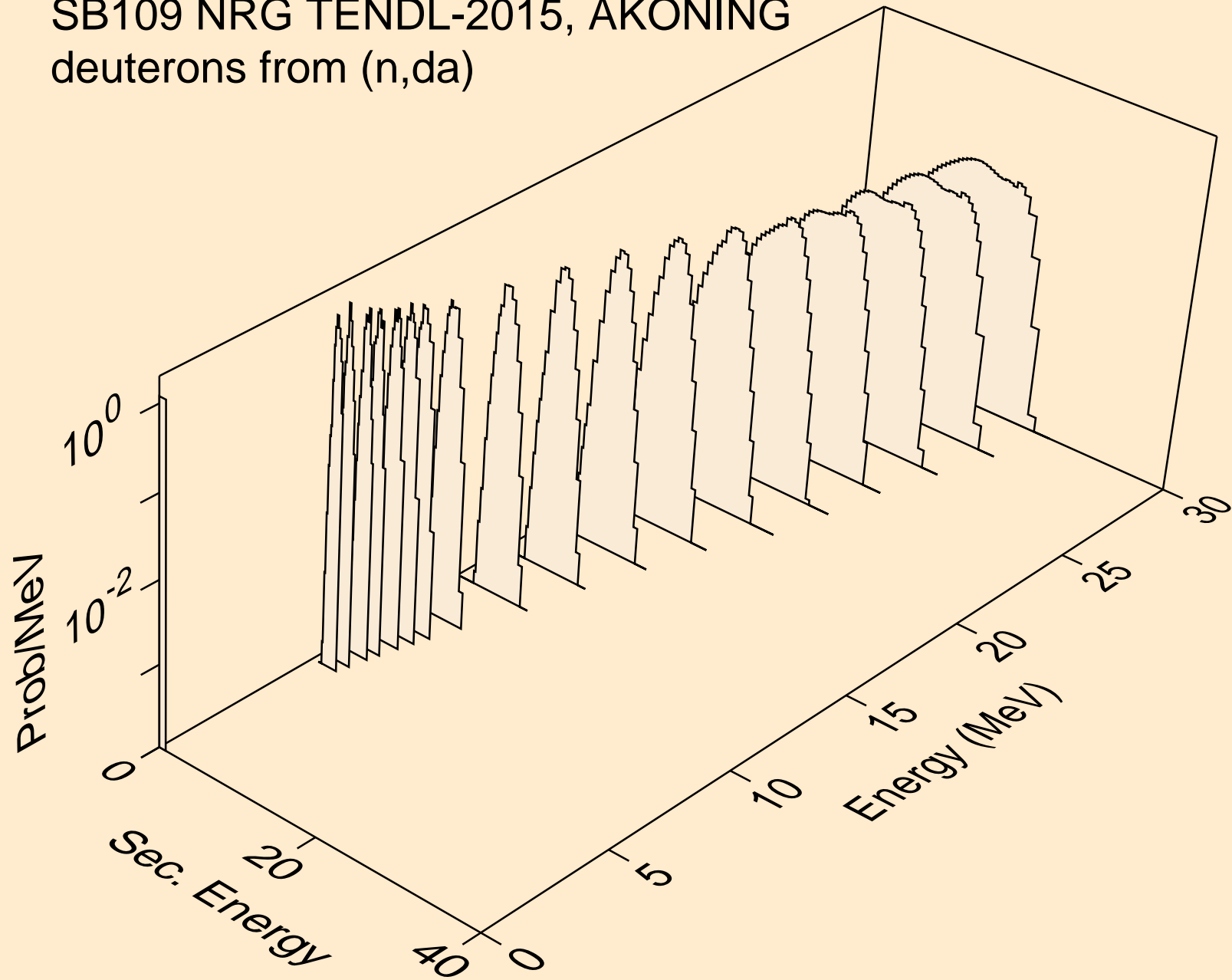




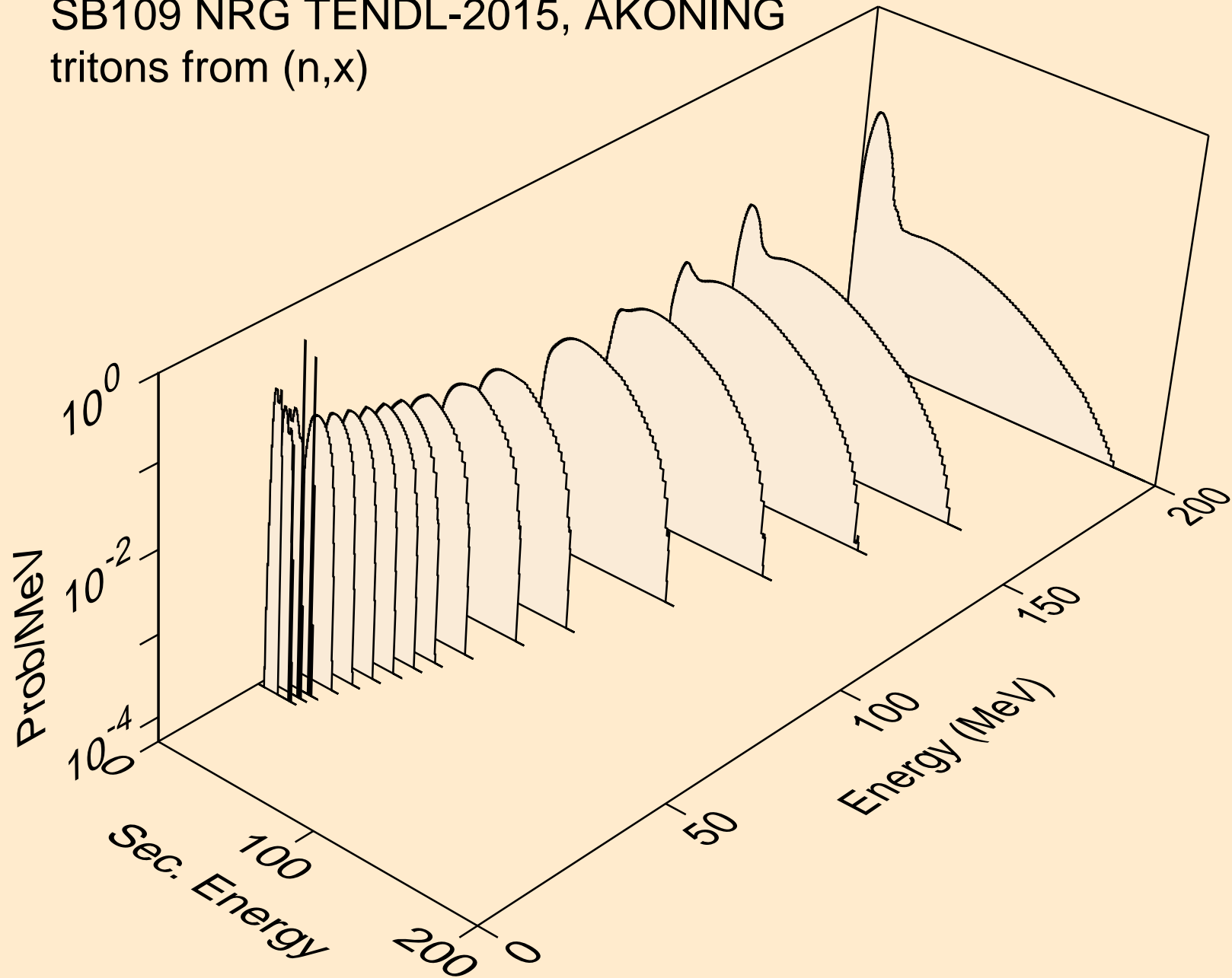
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deuterons from (n,pd)



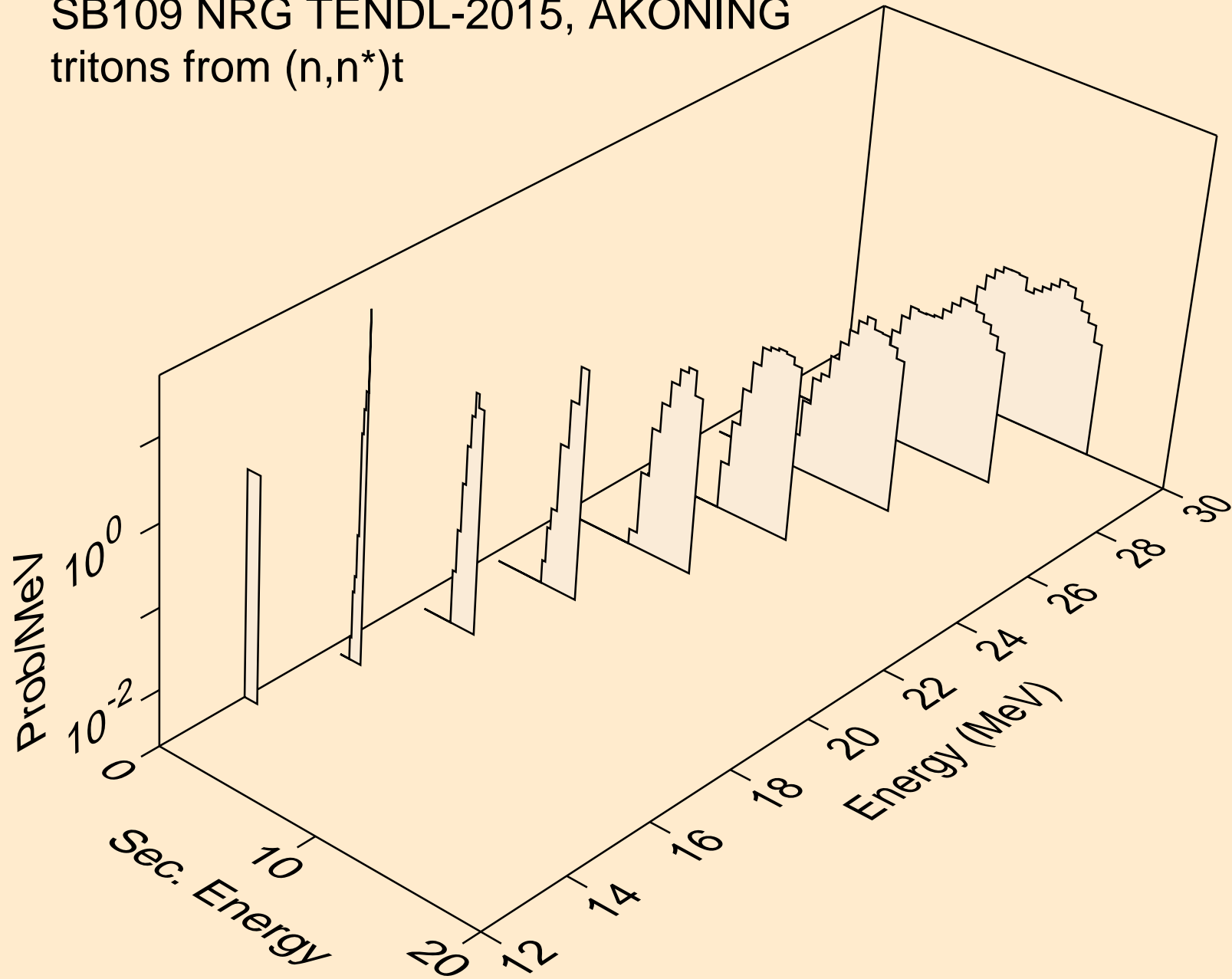
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deuterons from (n,da)



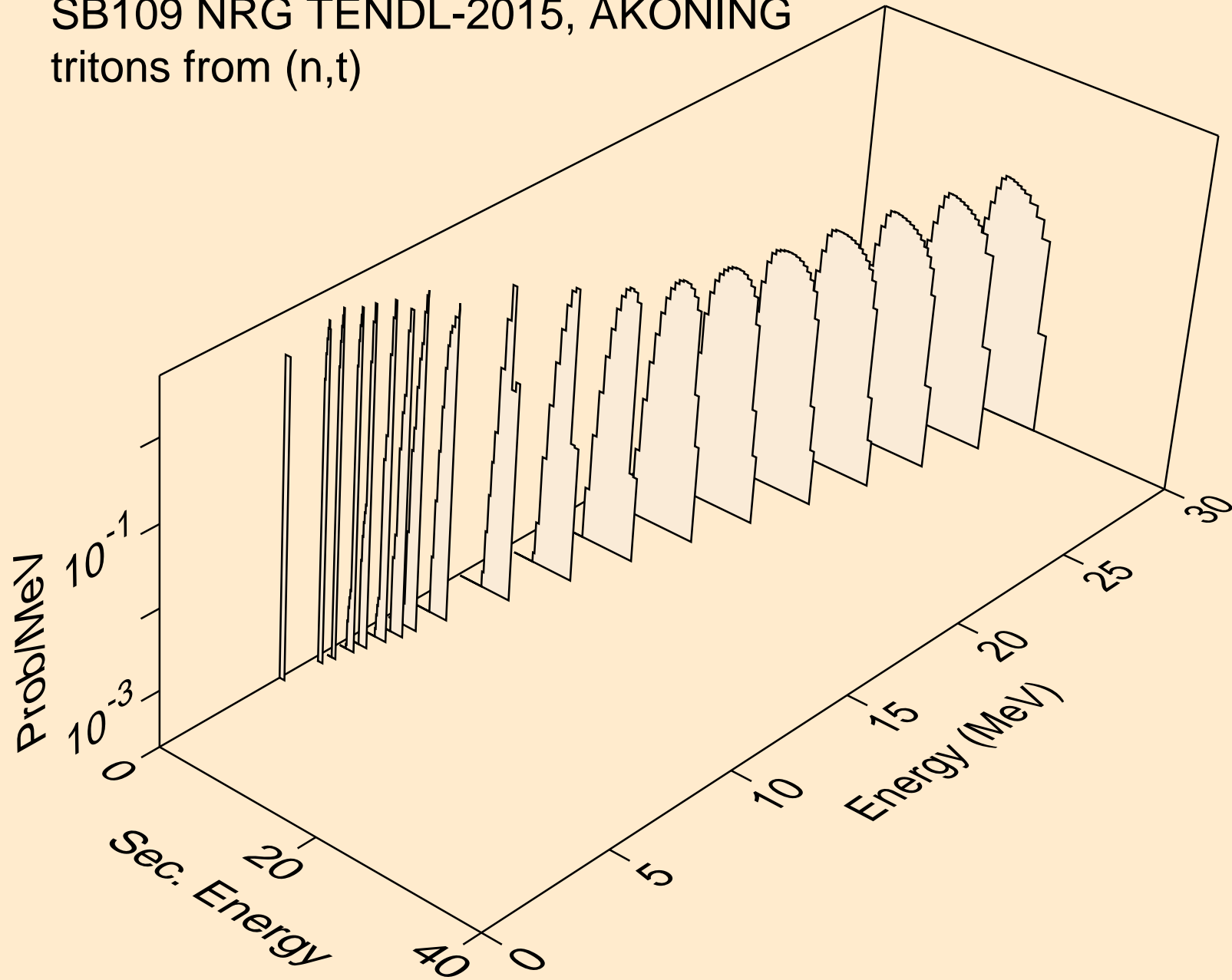
SB109 NRG TENDL-2015, AKONING  
tritons from (n,x)



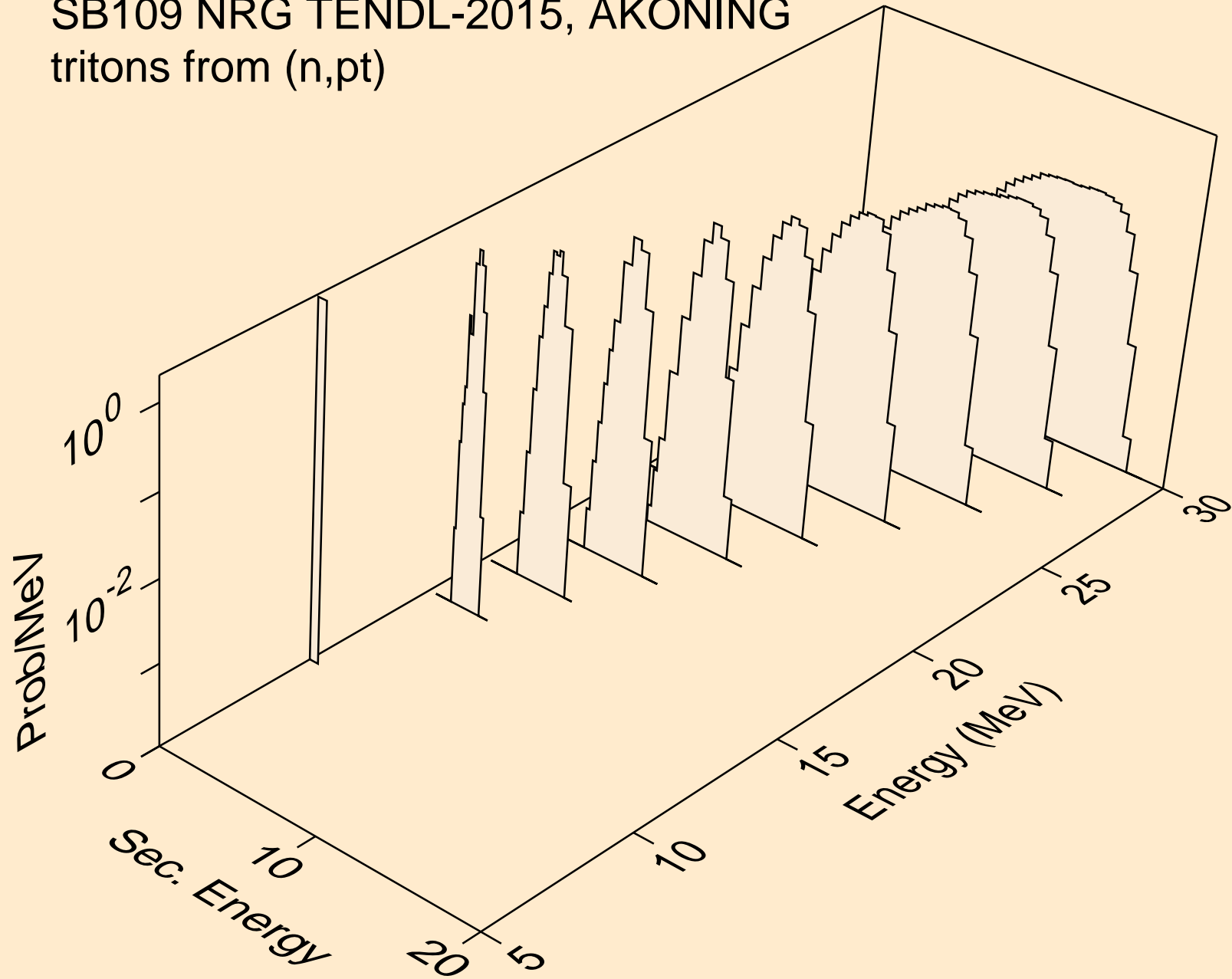
SB109 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



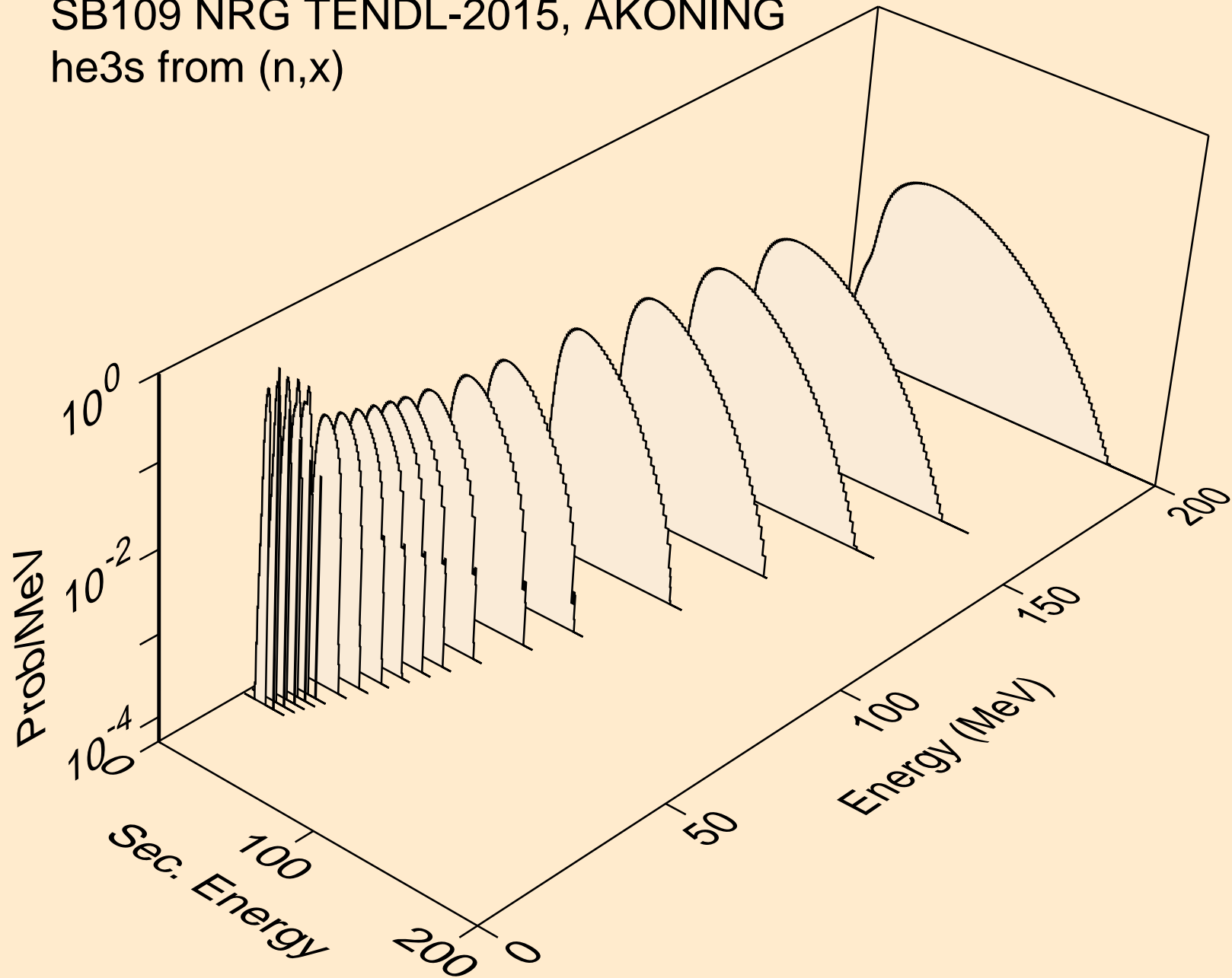
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tritons from (n,t)



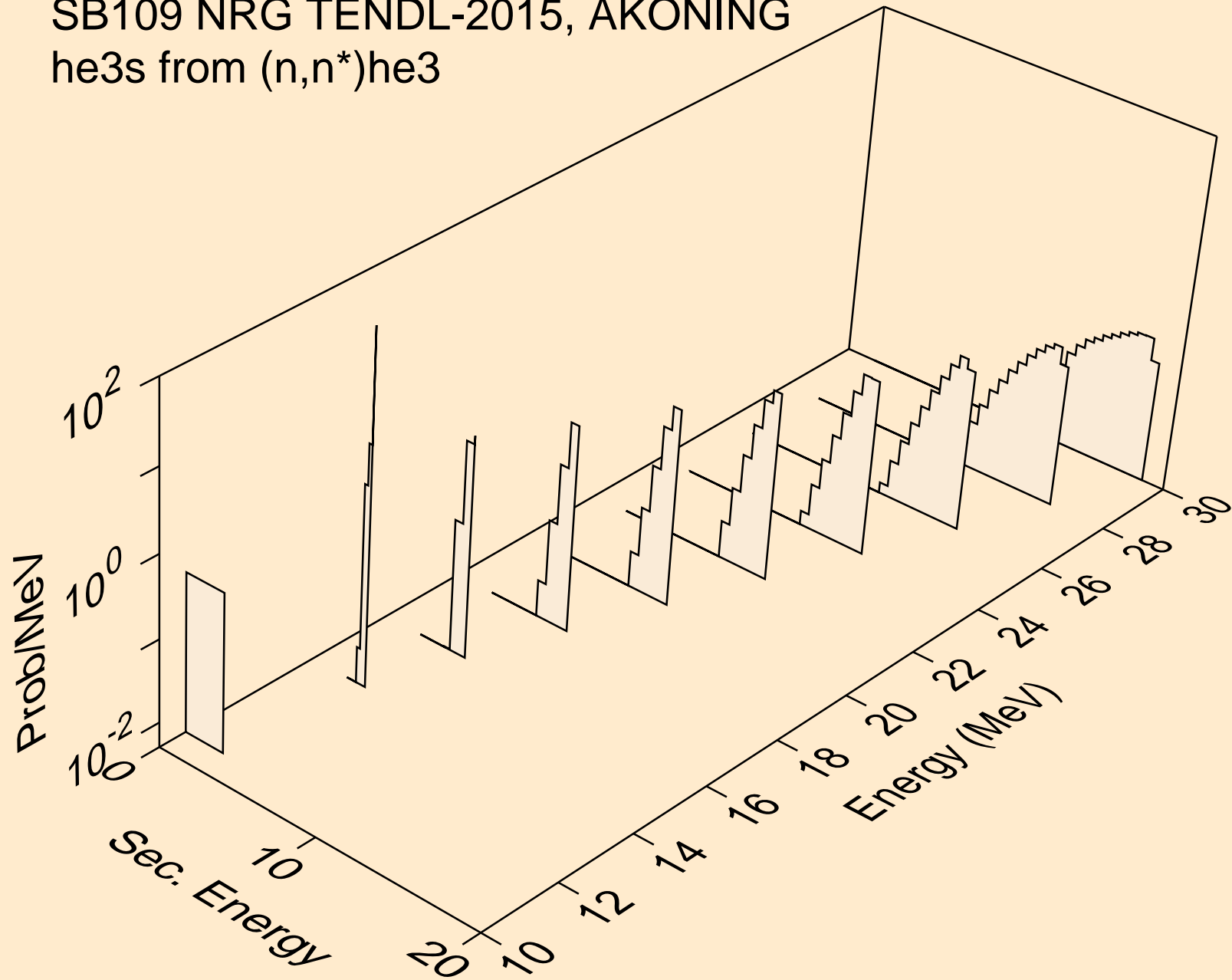
SB109 NRG TENDL-2015, AKONING  
tritons from (n,pt)



SB109 NRG TENDL-2015, AKONING  
he3s from (n,x)

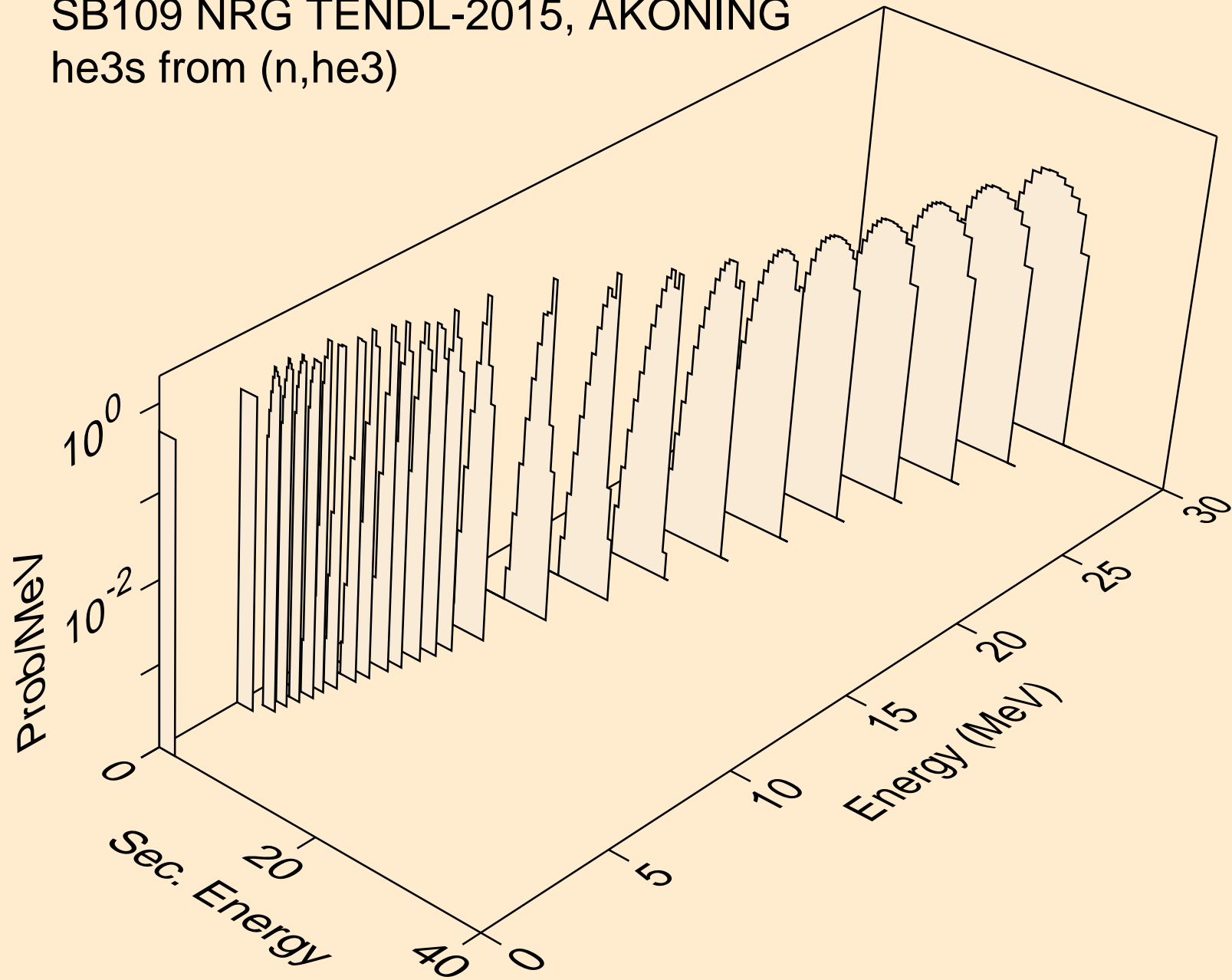


SB109 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

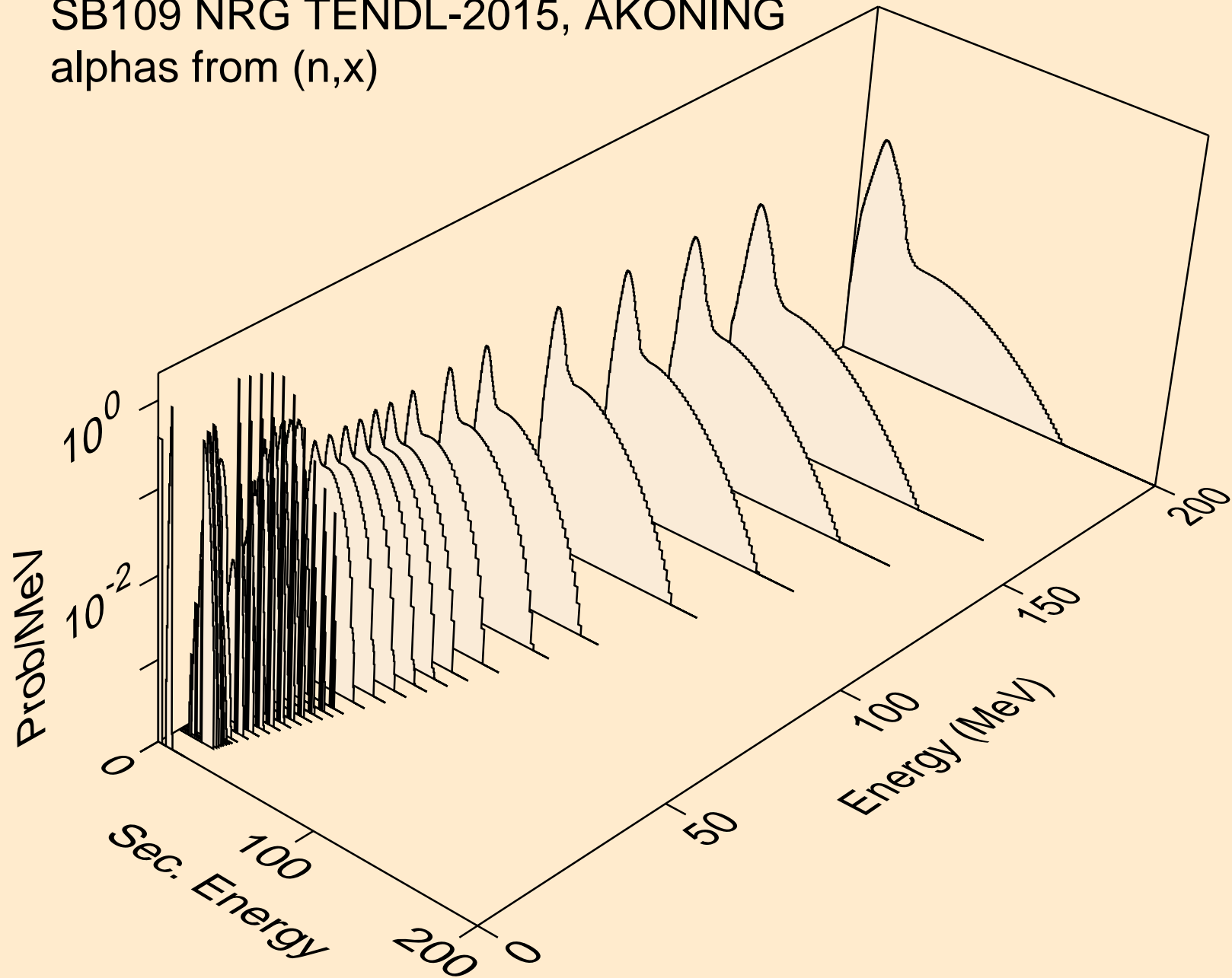




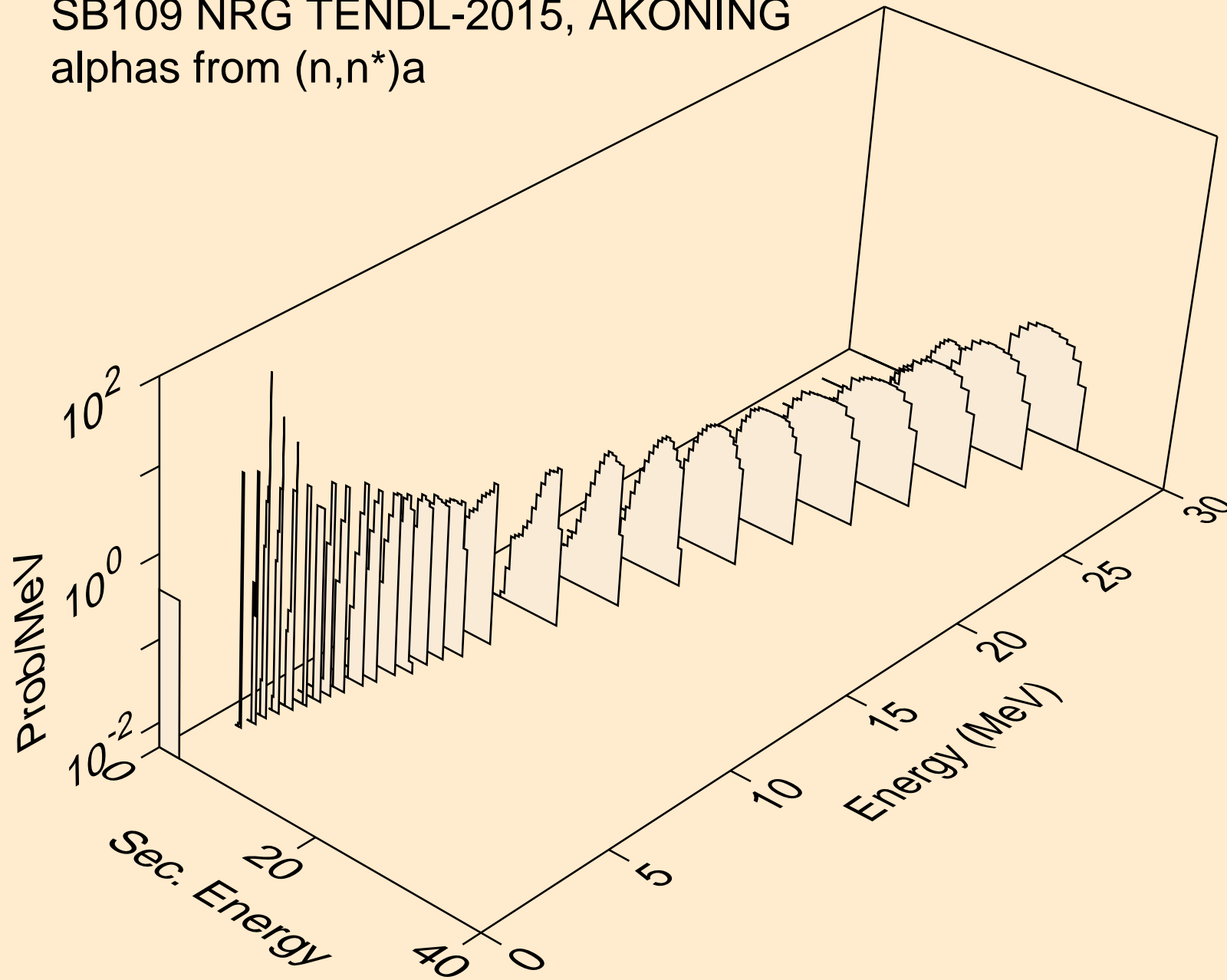
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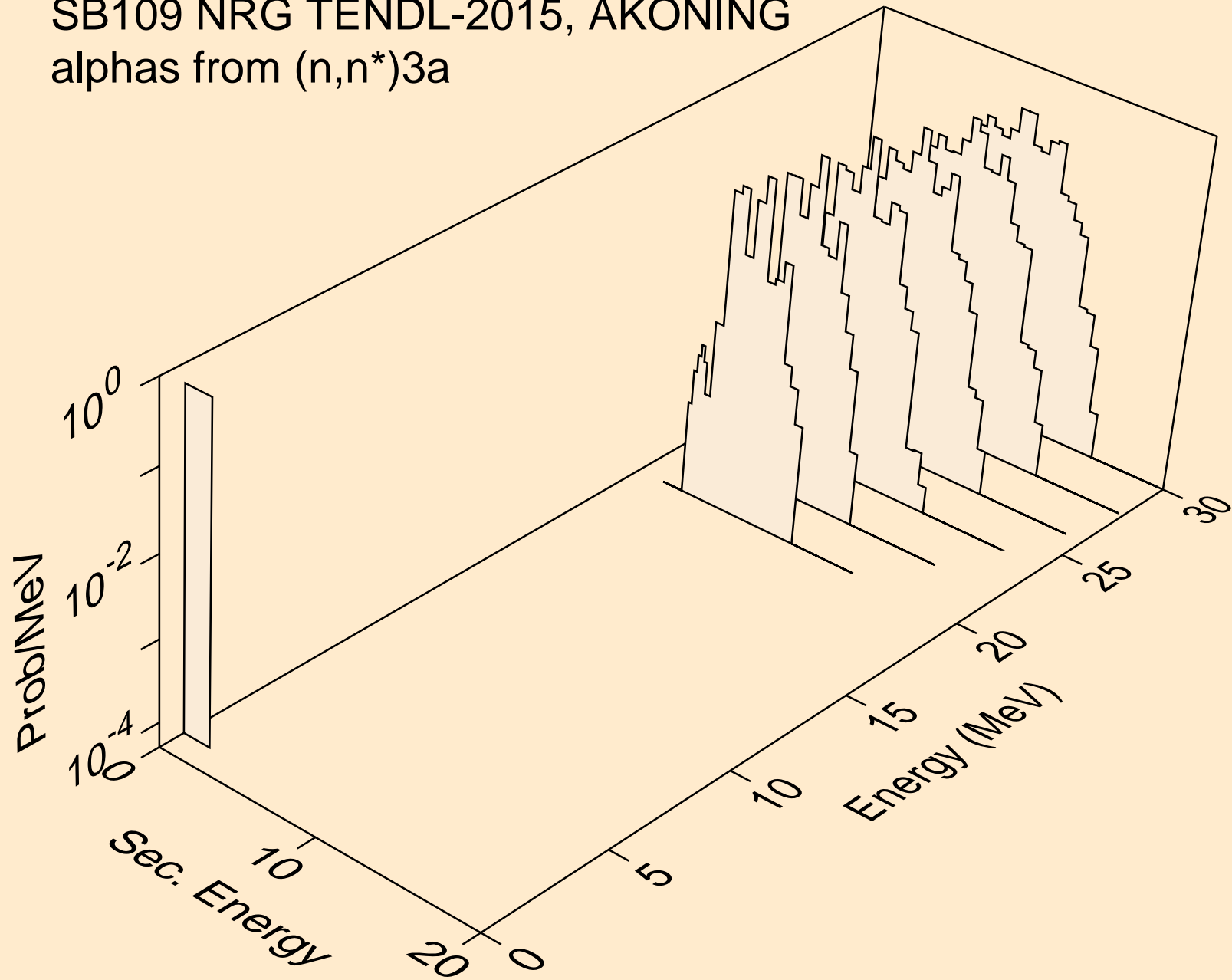
SB109 NRG TENDL-2015, AKONING  
alphas from (n,x)



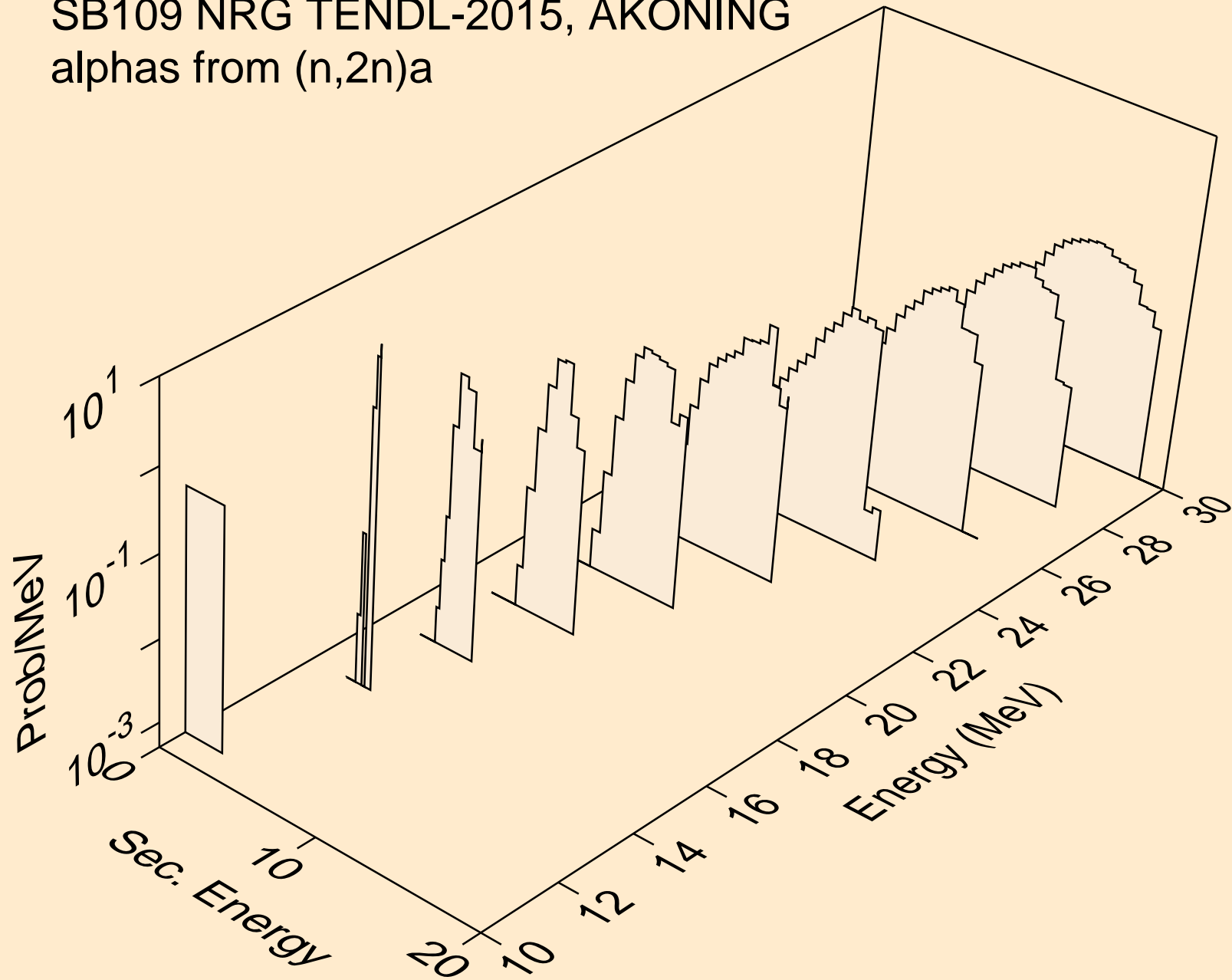
SB109 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



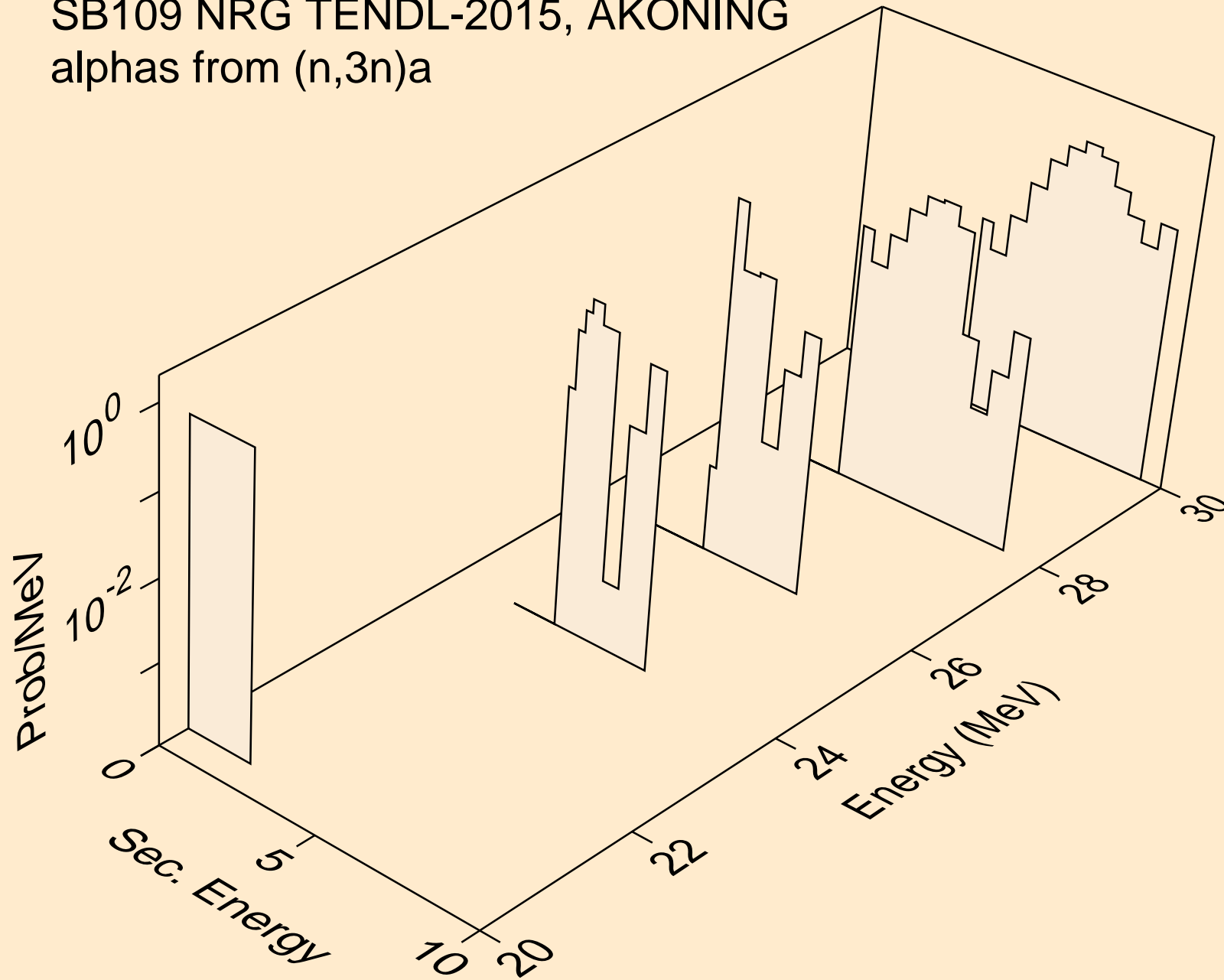
SB109 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



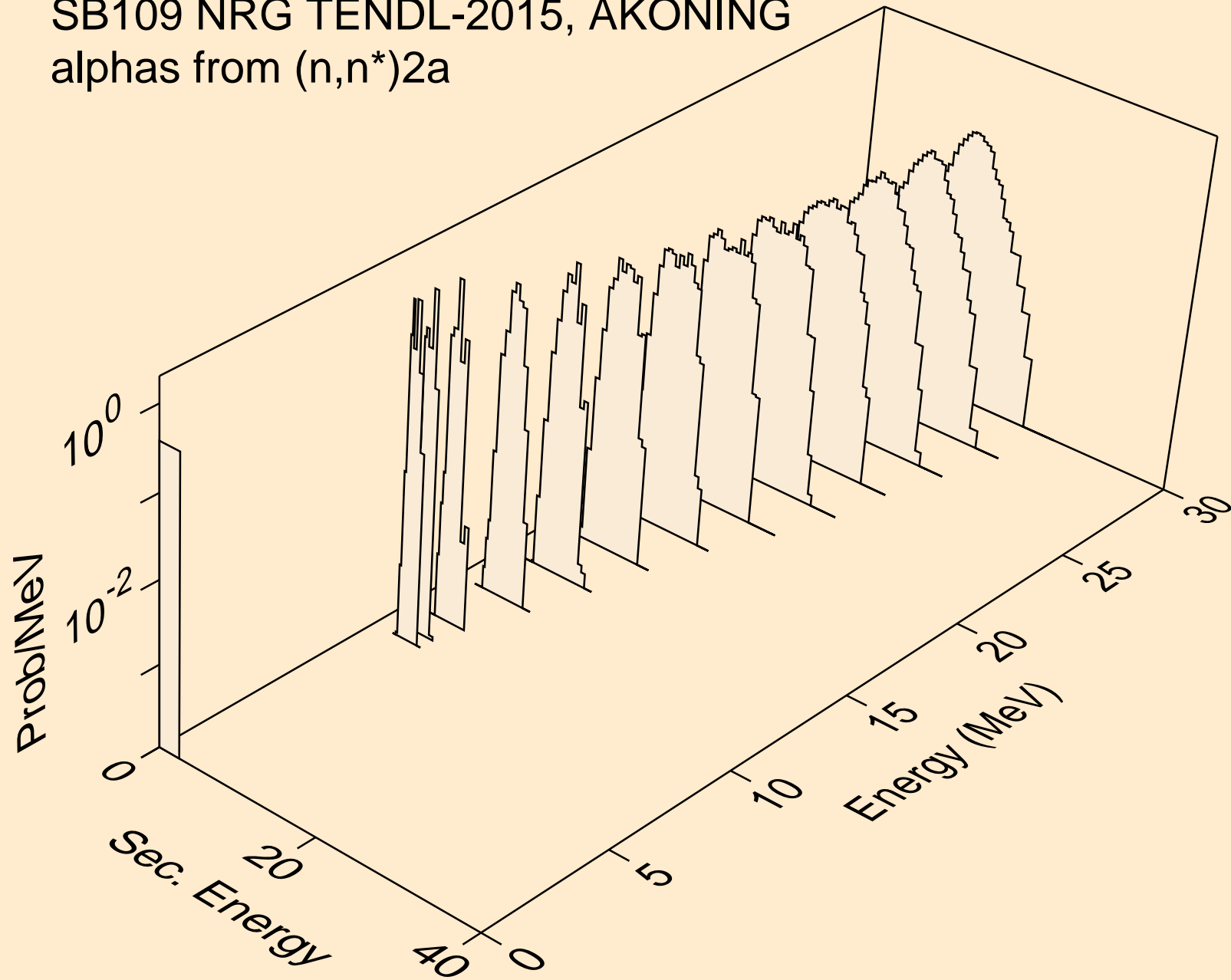
SB109 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



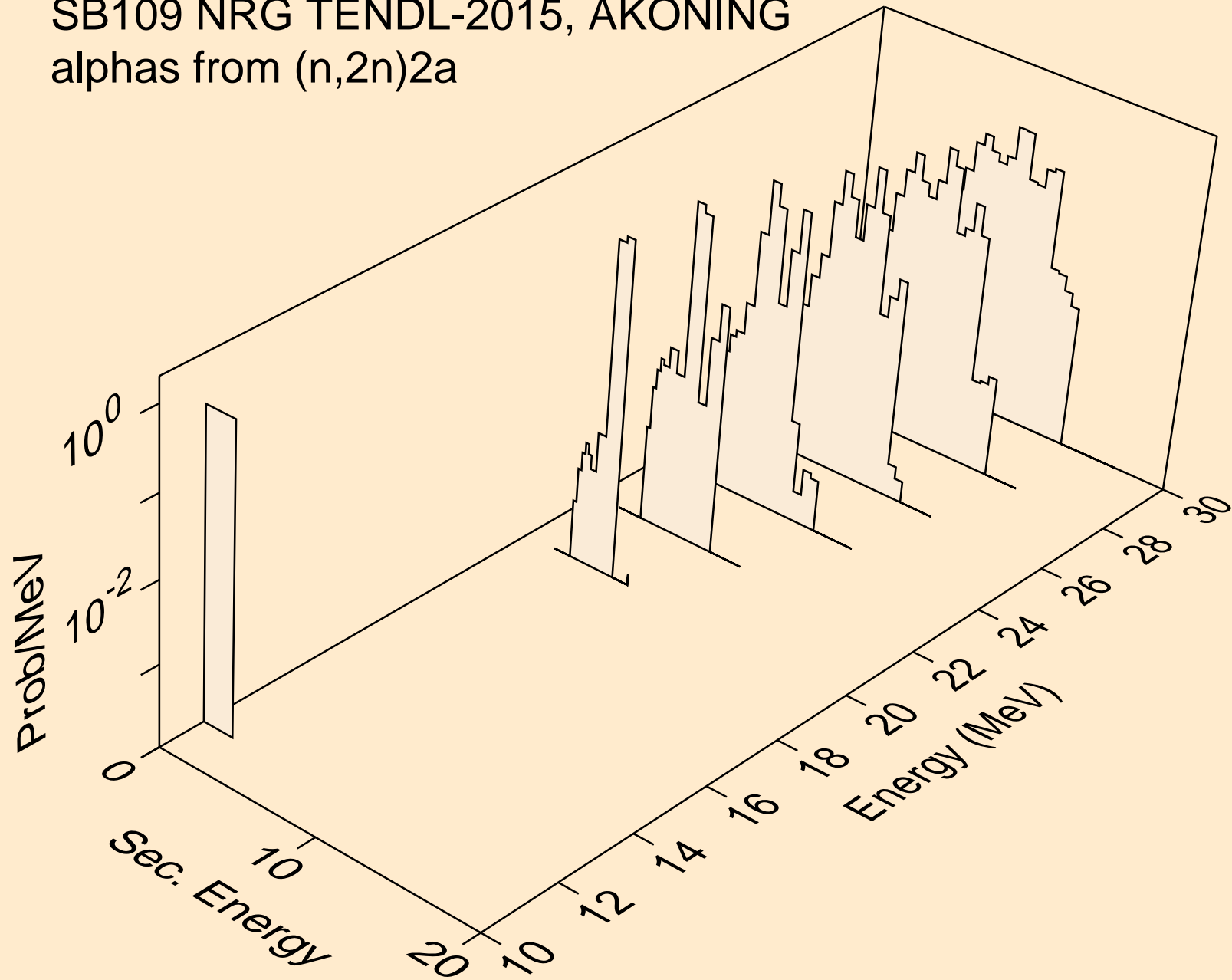
SB109 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SB109 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

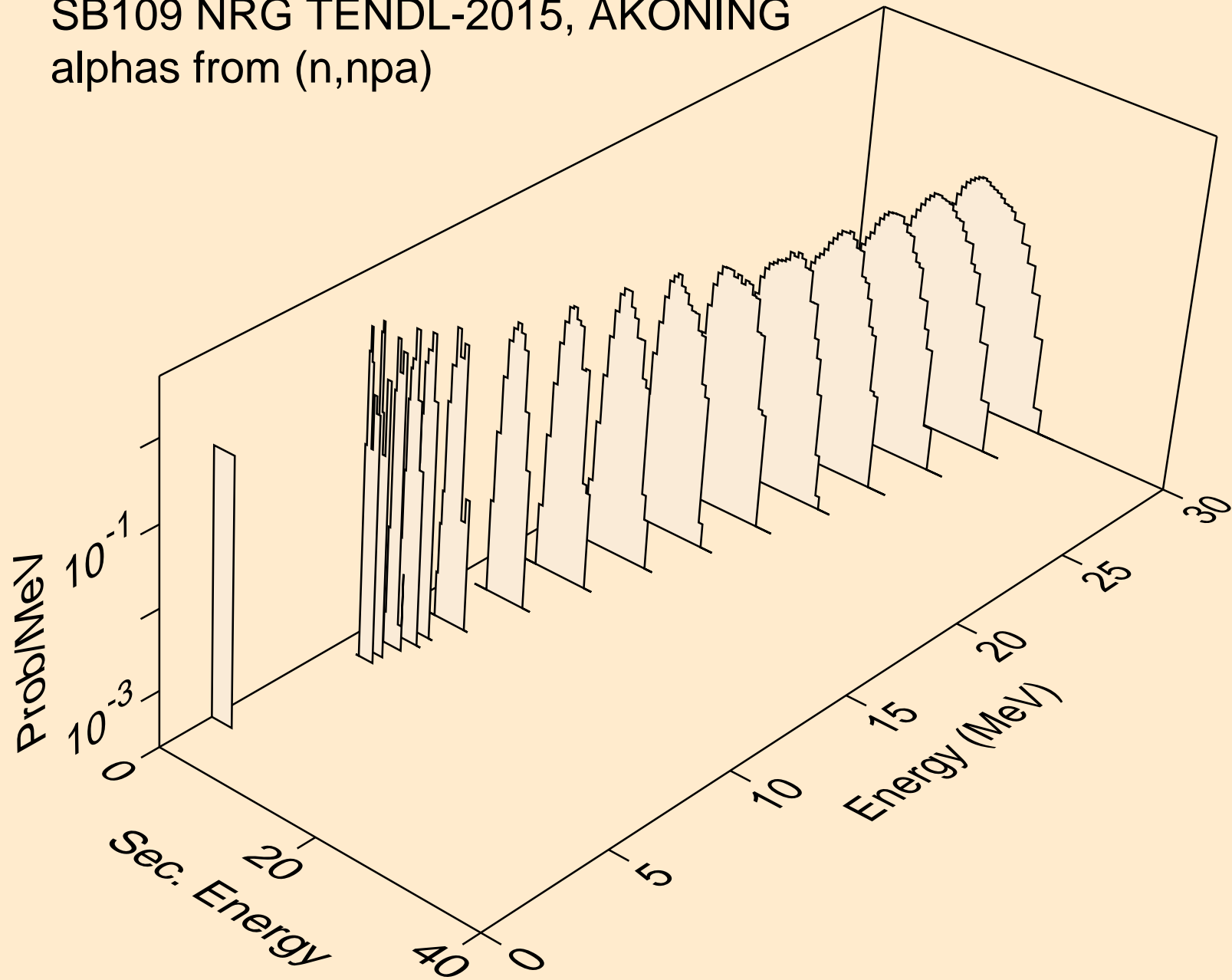


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alphas from (n,2n)2a

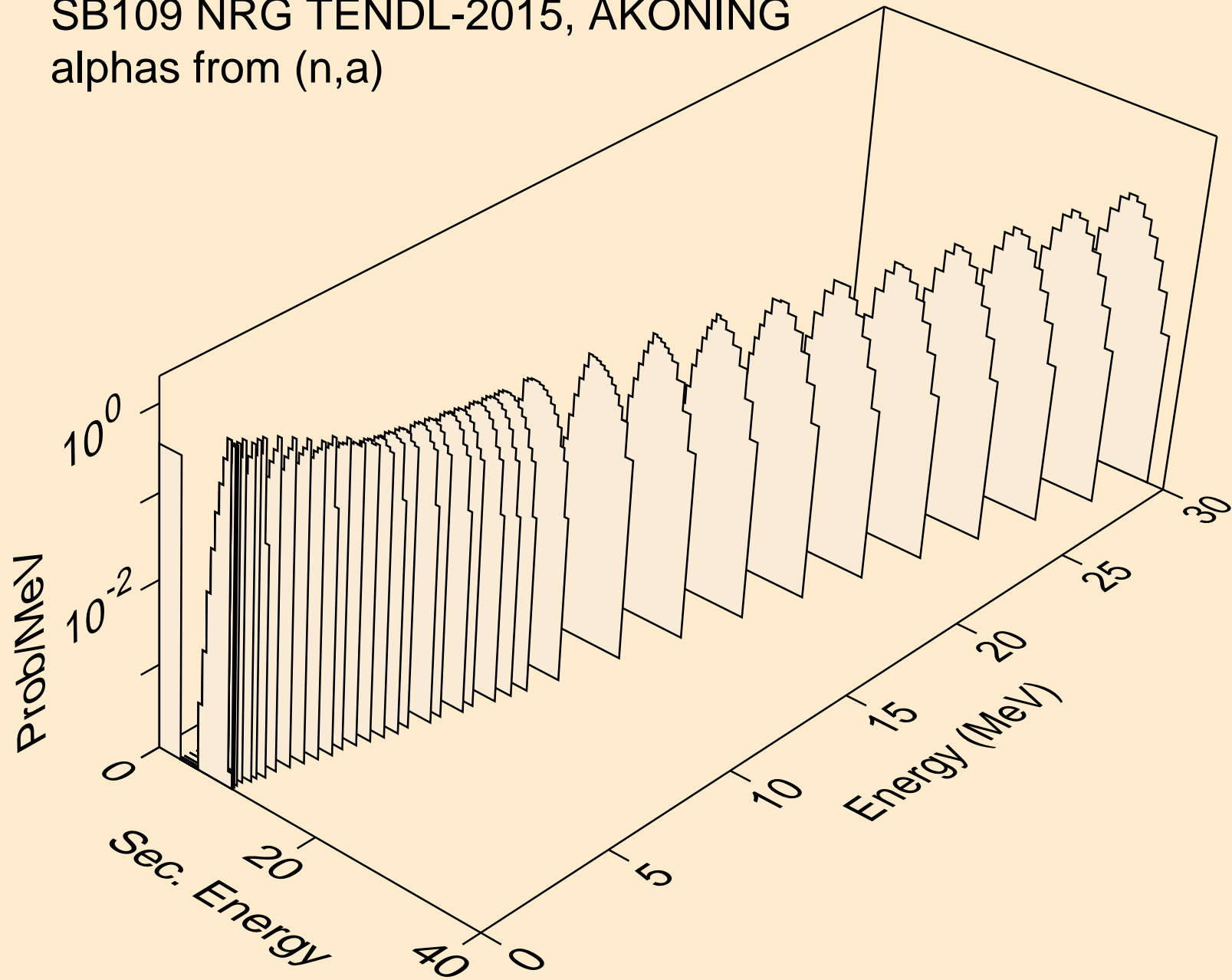




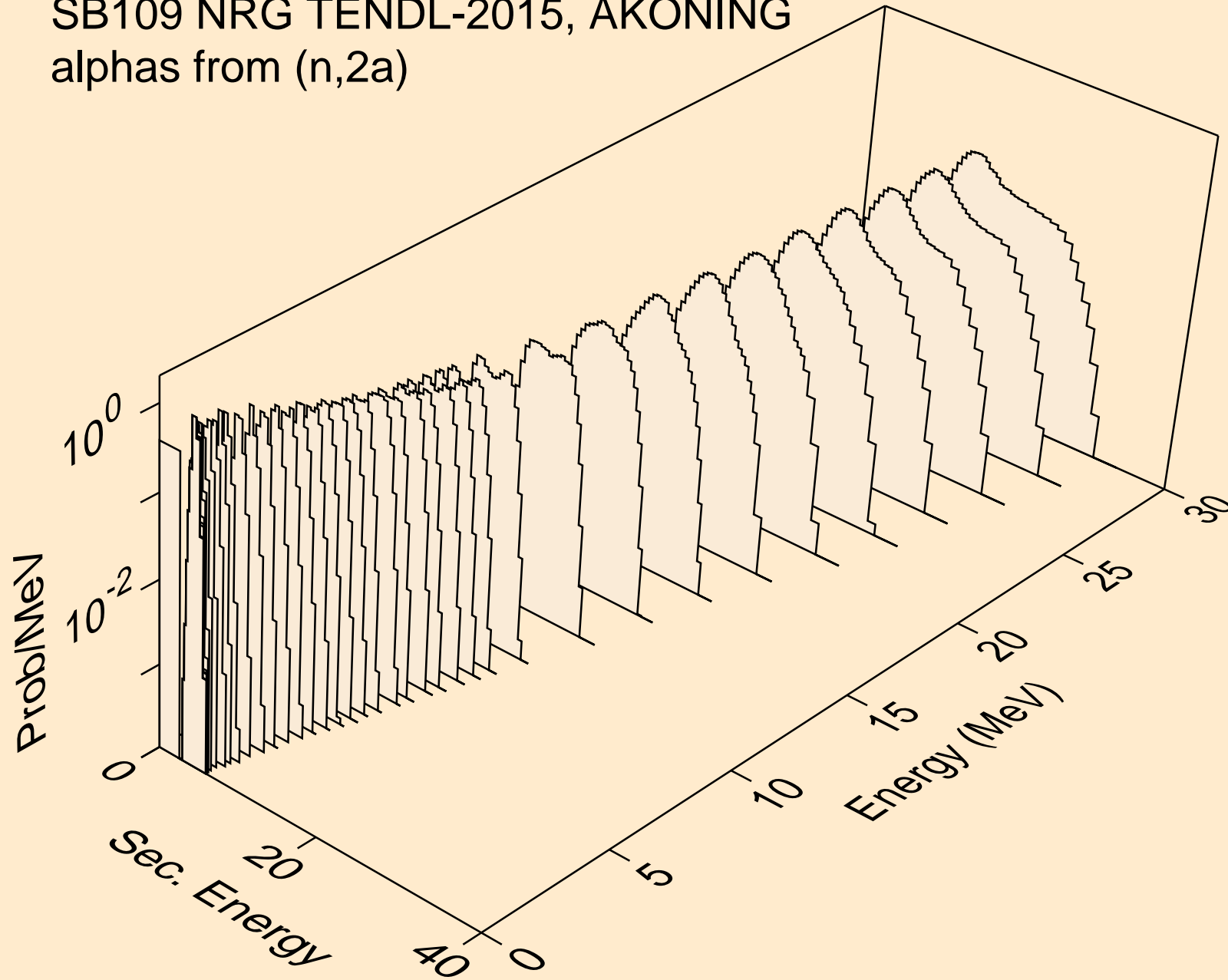
SB109 NRG TENDL-2015, AKONING  
alphas from (n,npa)



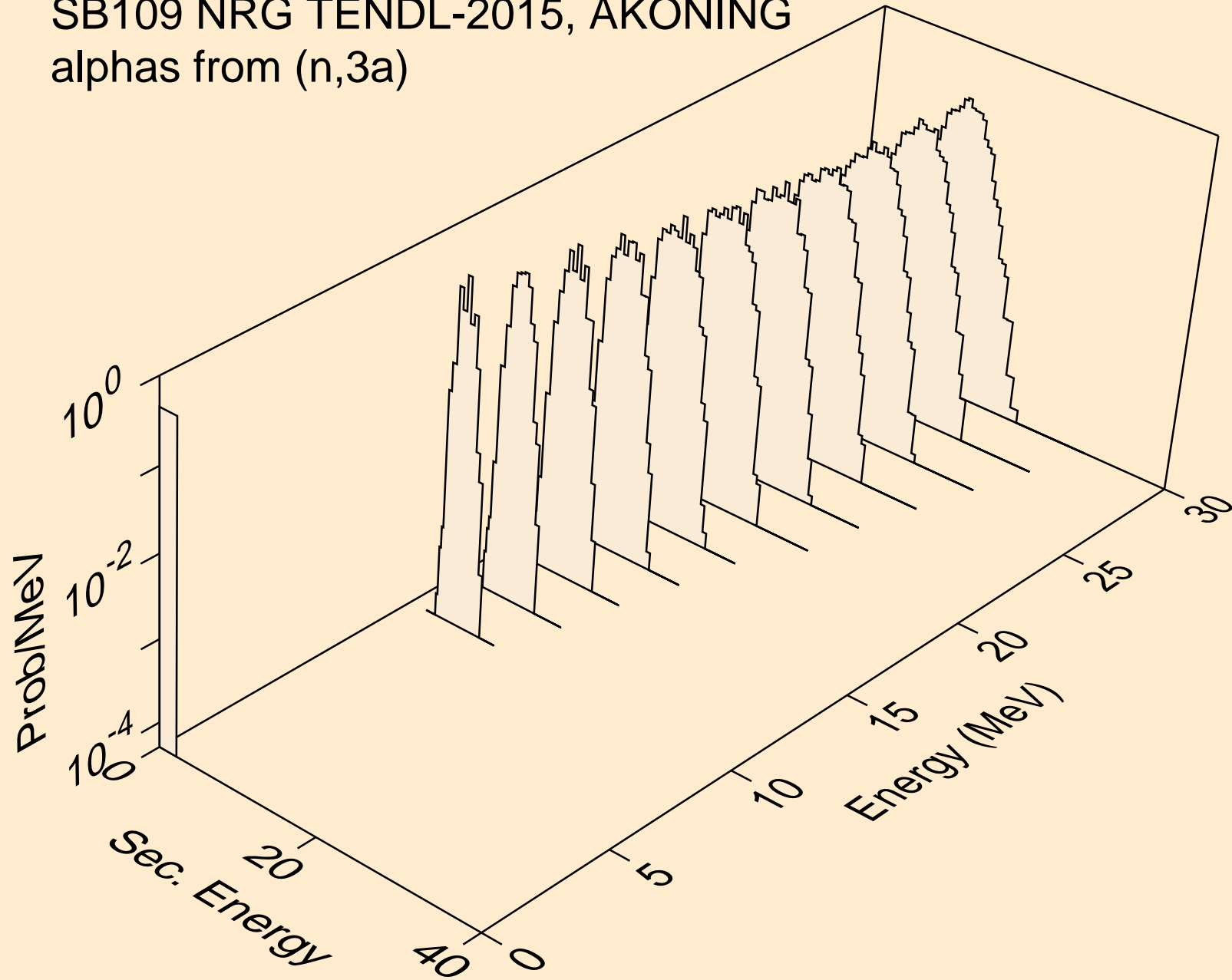
SB109 NRG TENDL-2015, AKONING  
alphas from (n,a)



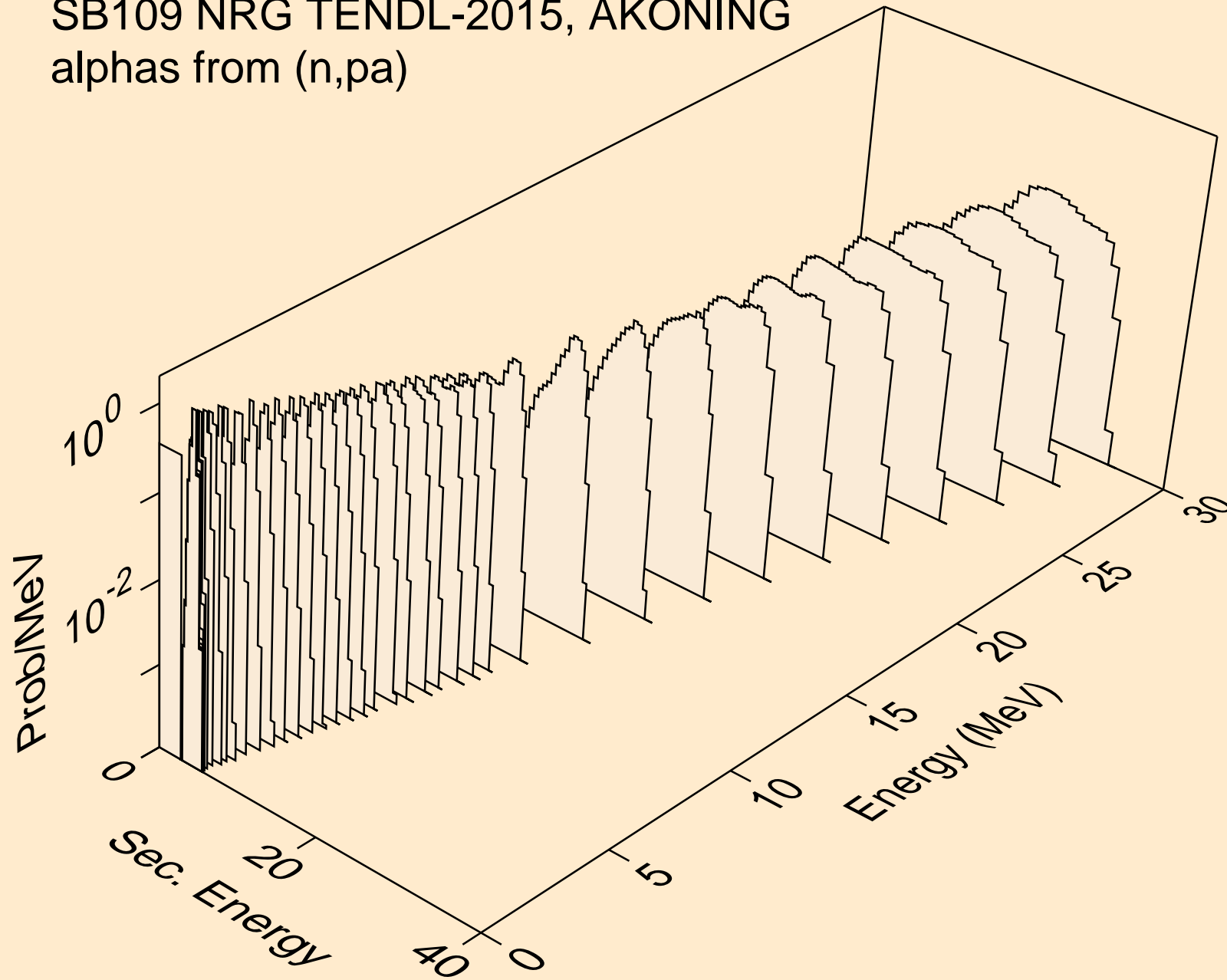
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alphas from (n,2a)



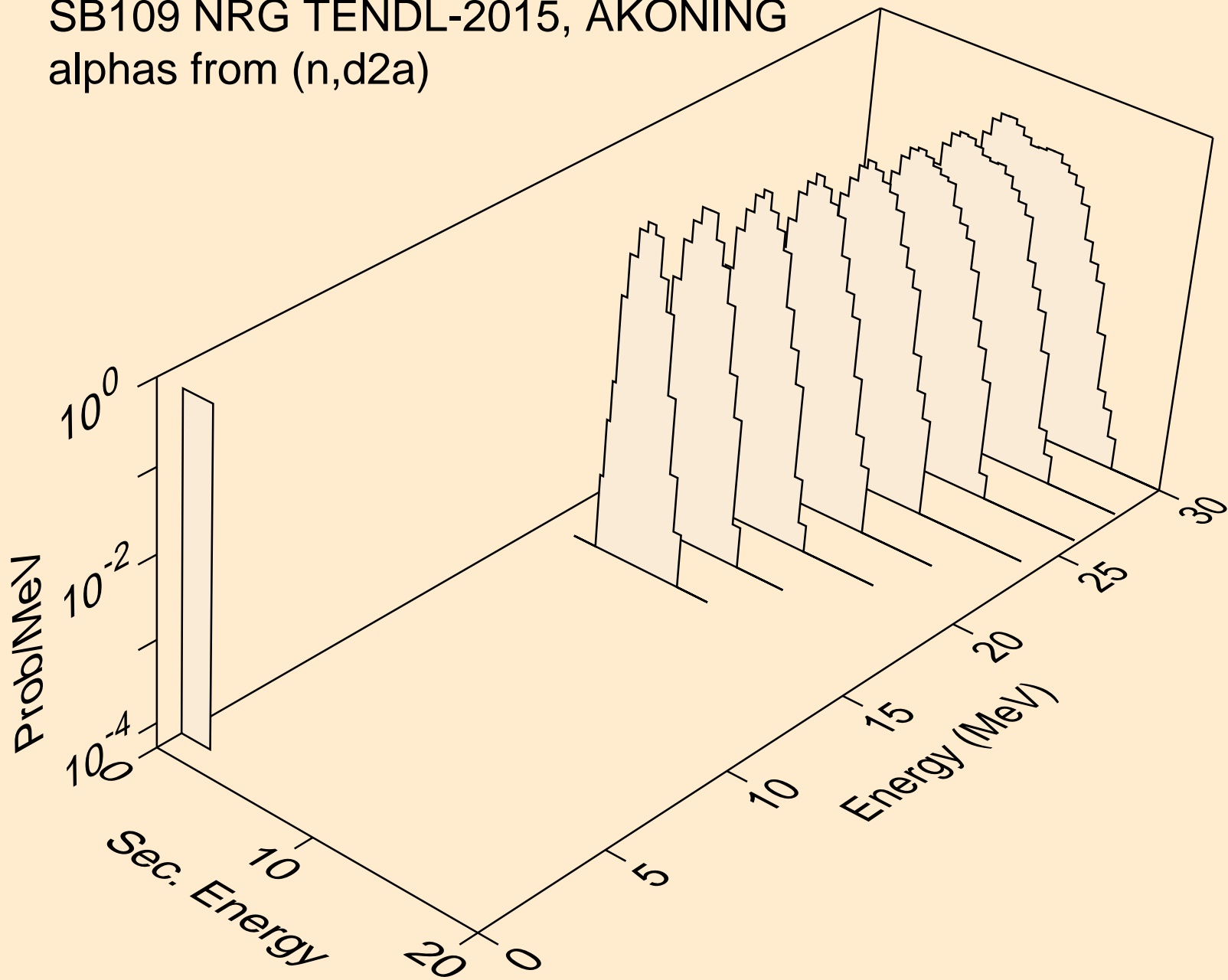
SB109 NRG TENDL-2015, AKONING  
alphas from (n,3a)



SB109 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SB109 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



SB109 NRG TENDL-2015, AKONING  
alphas from (n,da)

