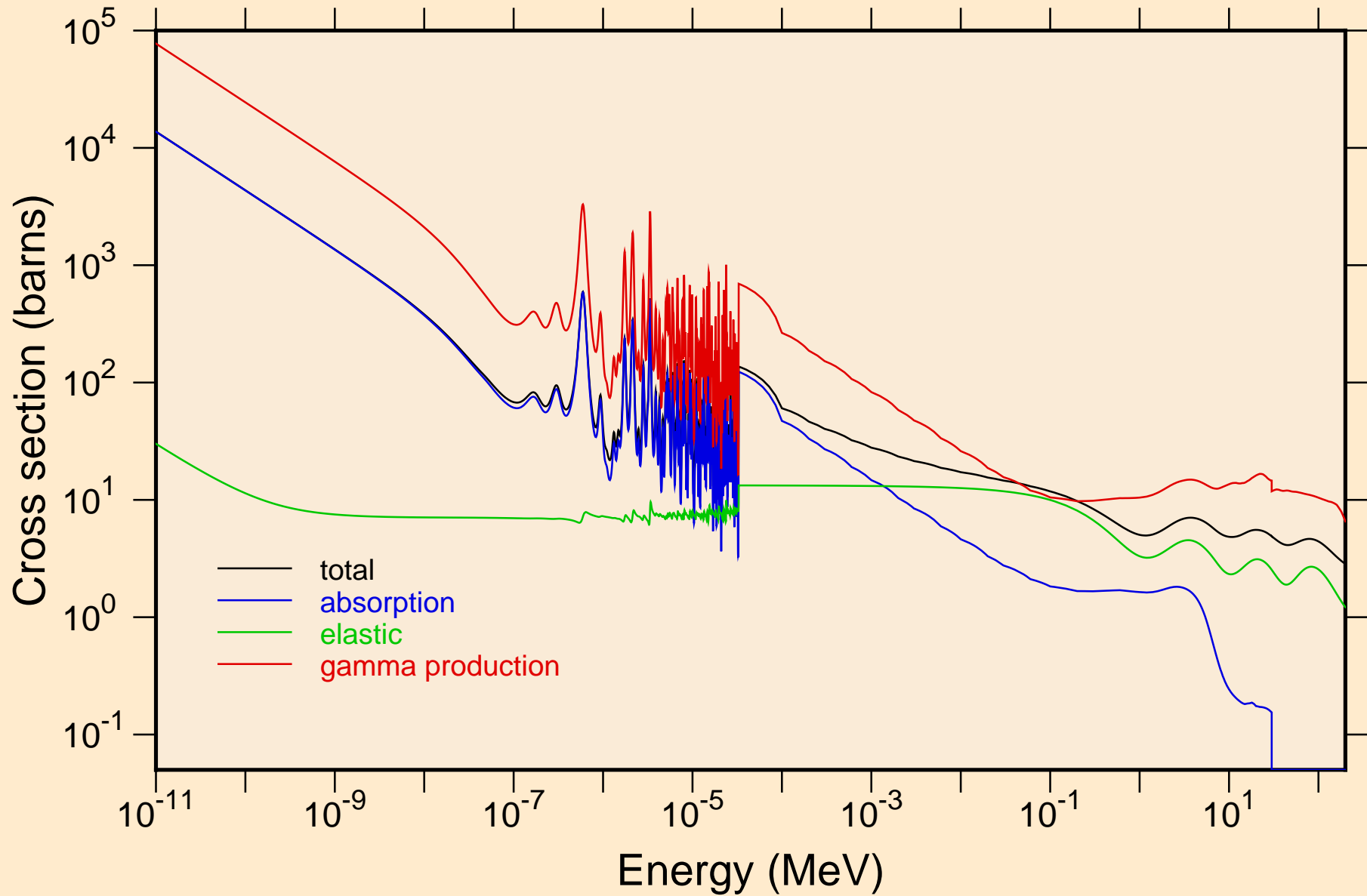
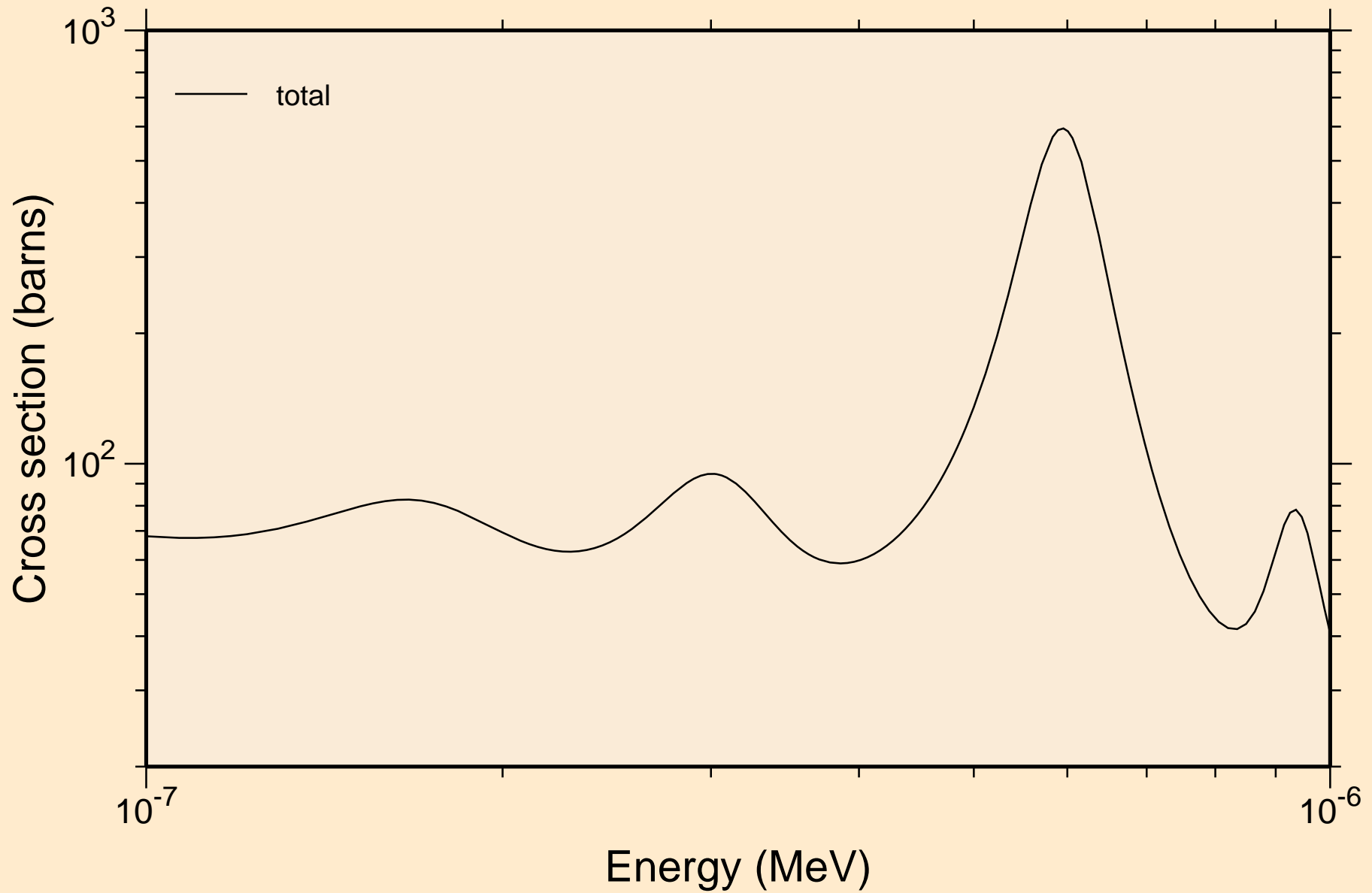


# PB191 NRG TENDL-2015, AKONING

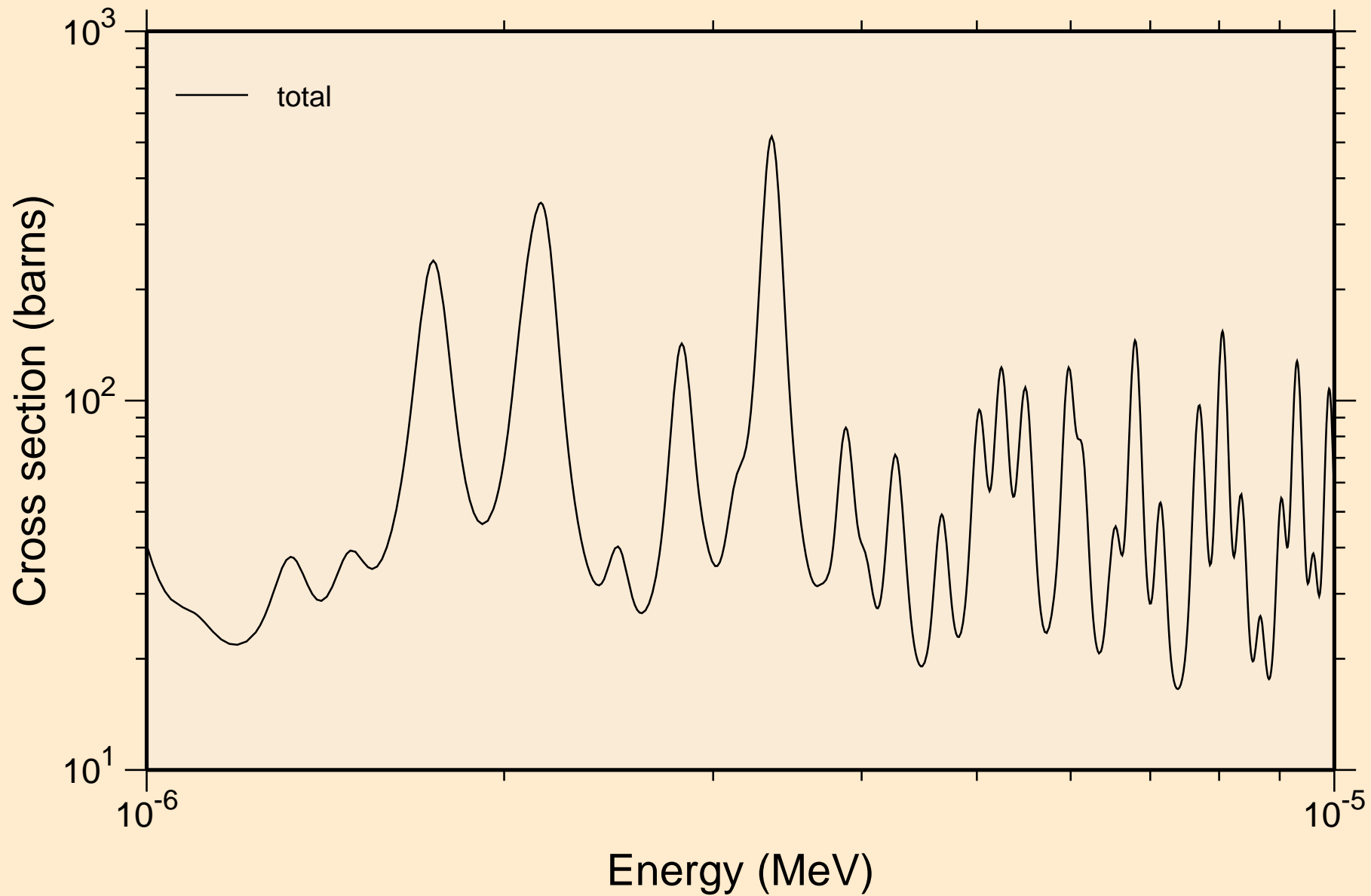
## Principal cross sections



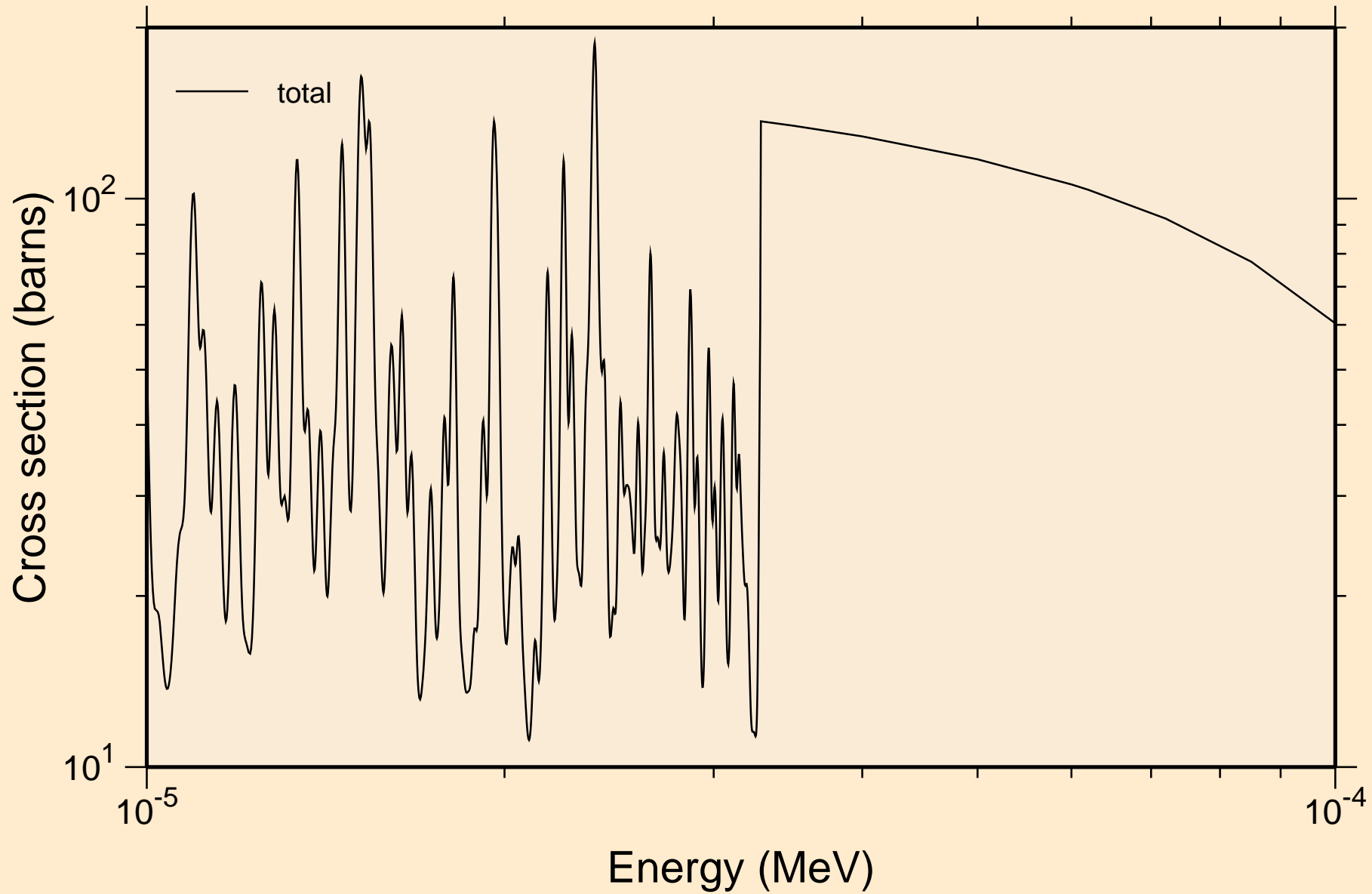
PB191 NRG TENDL-2015, AKONING  
resonance total cross section



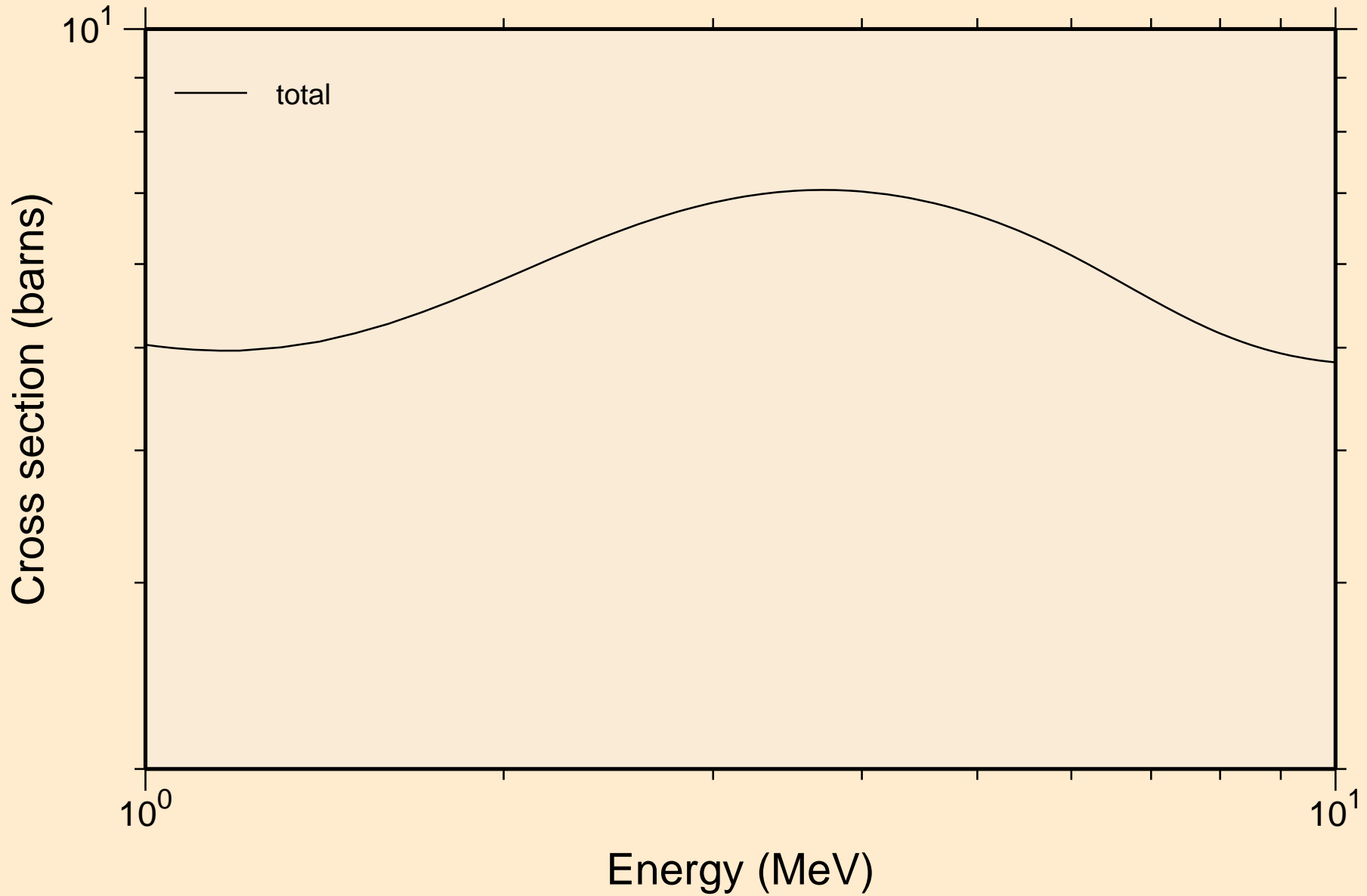
PB191 NRG TENDL-2015, AKONING  
resonance total cross section



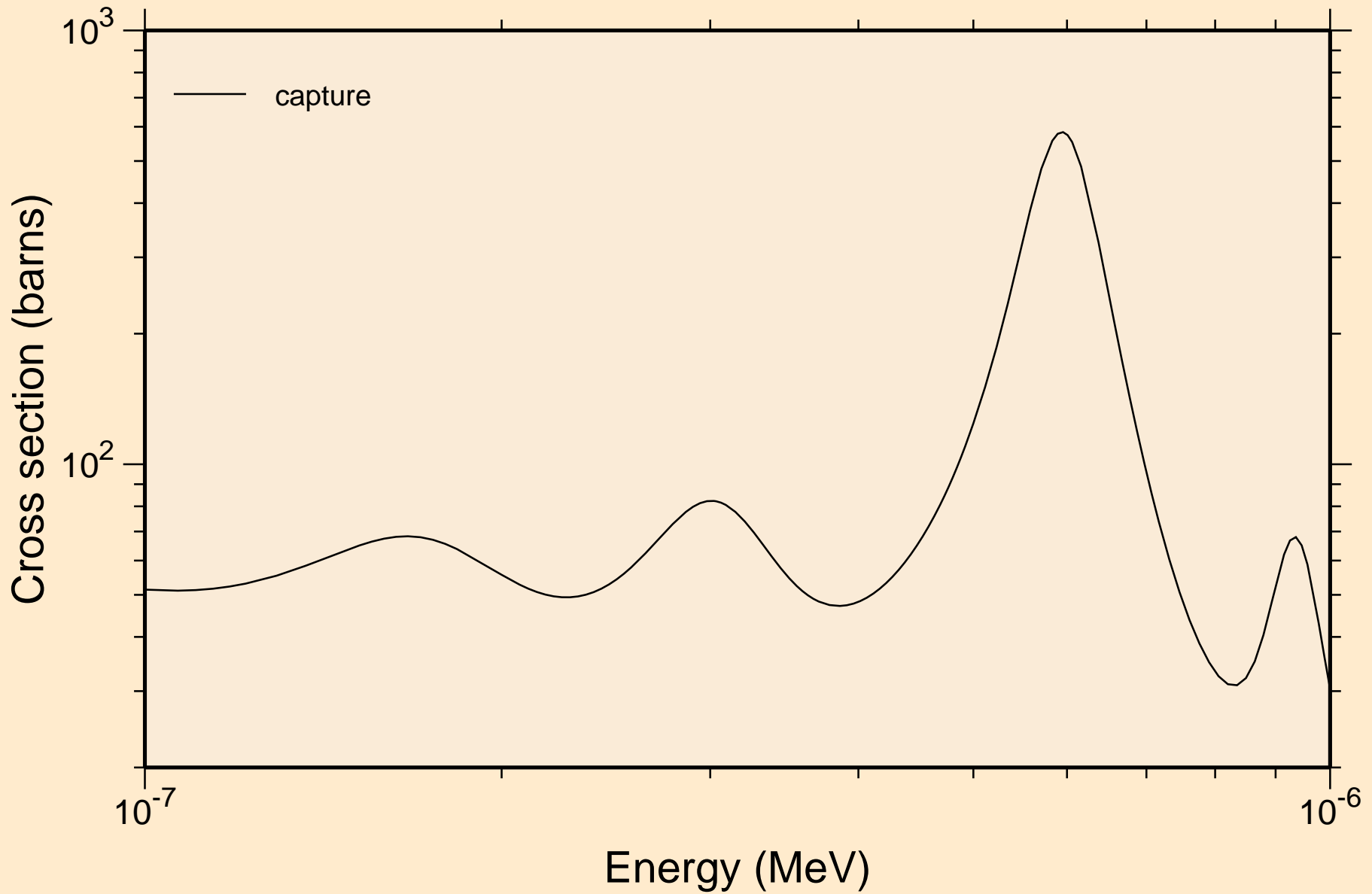
PB191 NRG TENDL-2015, AKONING  
resonance total cross section



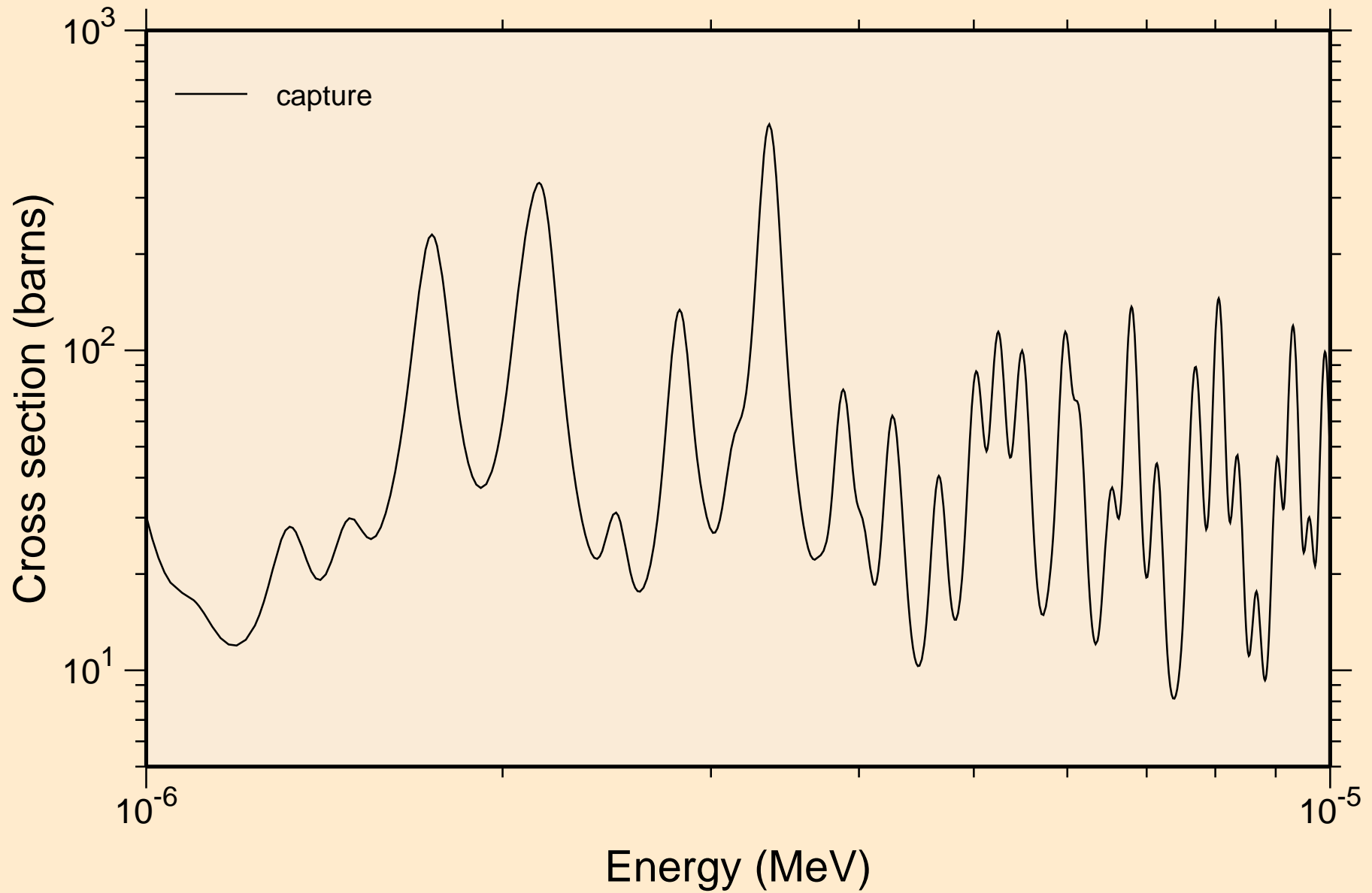
PB191 NRG TENDL-2015, AKONING  
resonance total cross section



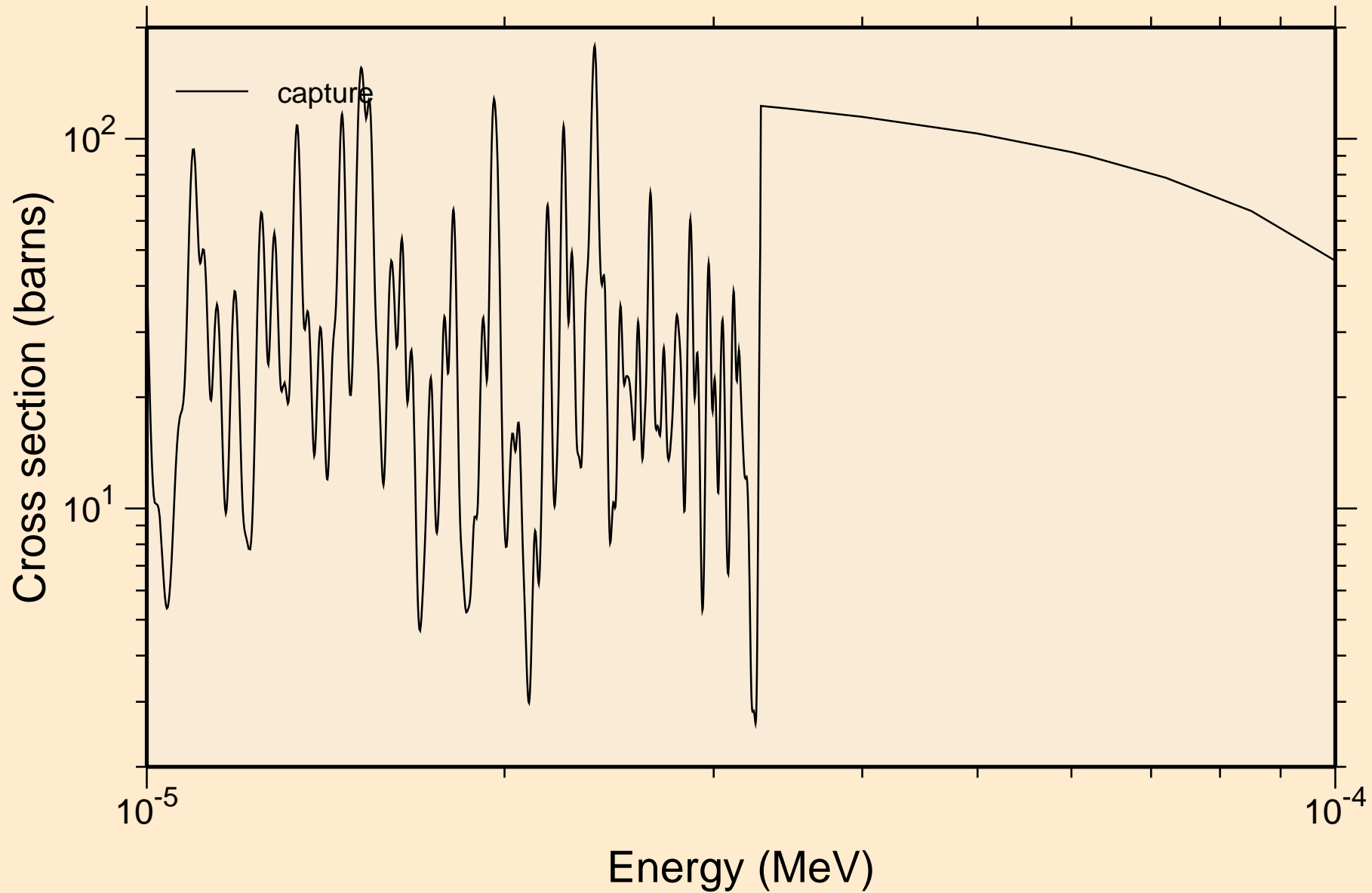
PB191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PB191 NRG TENDL-2015, AKONING  
resonance absorption cross sections

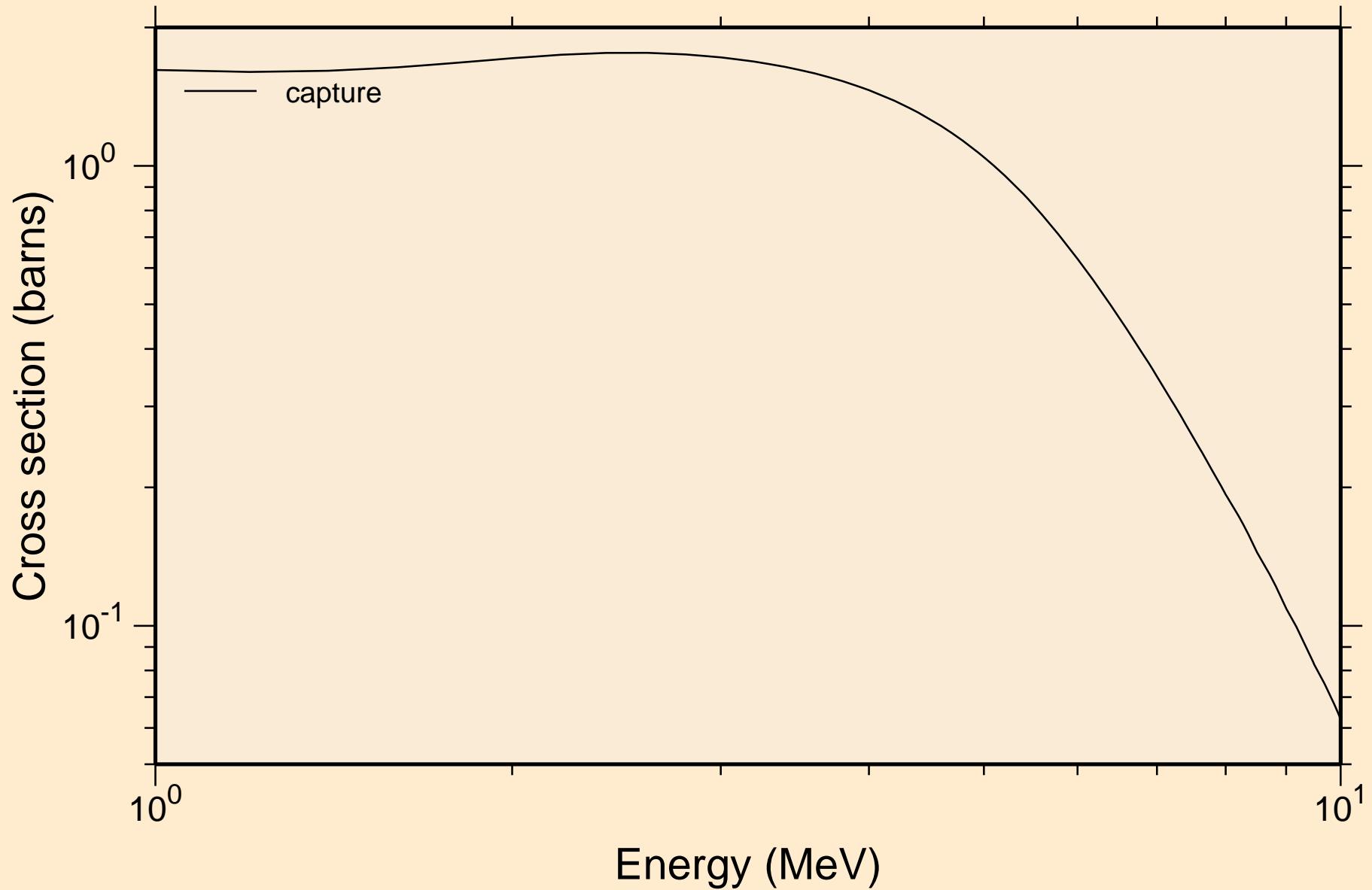


PB191 NRG TENDL-2015, AKONING  
resonance absorption cross sections

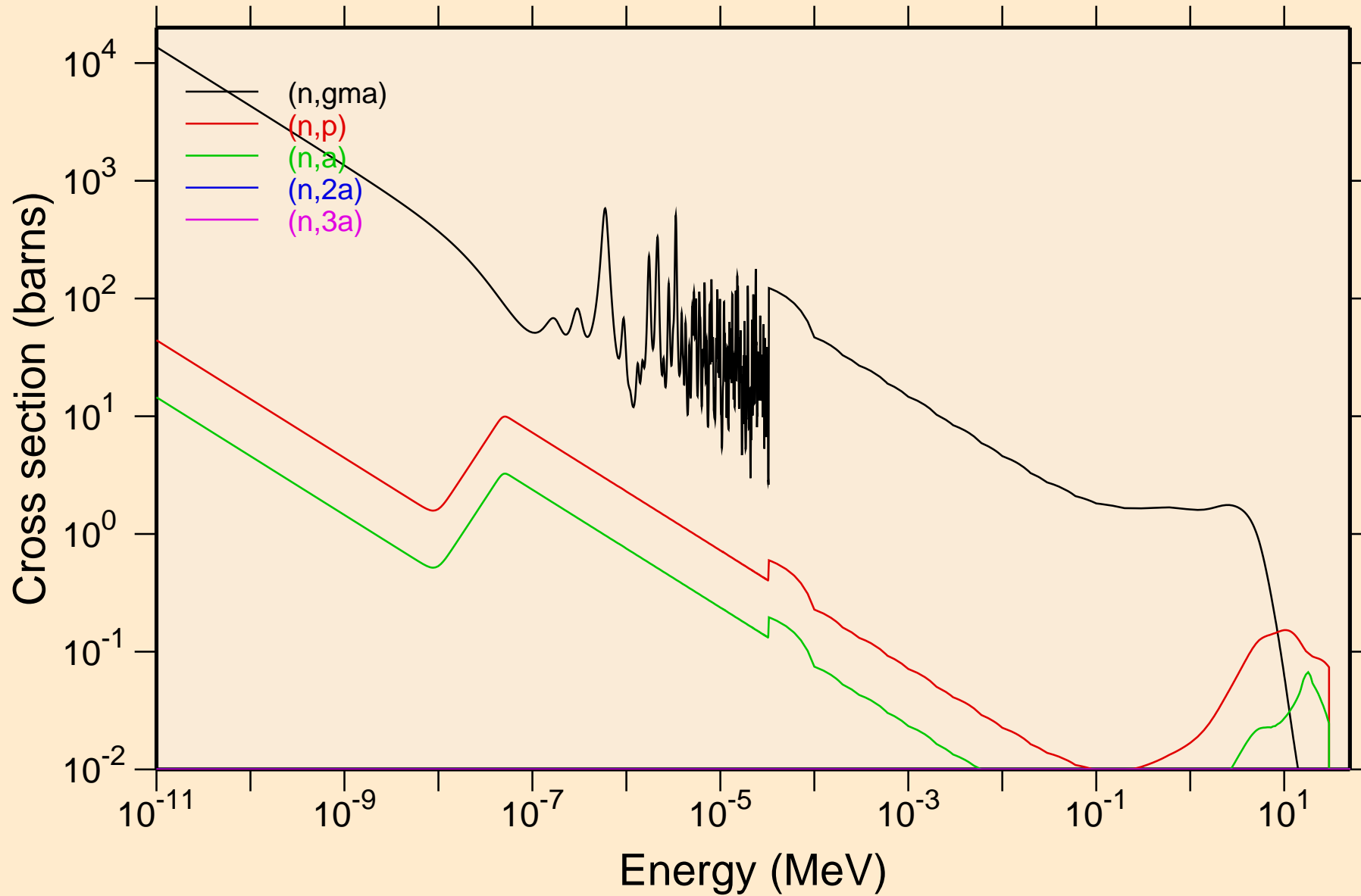




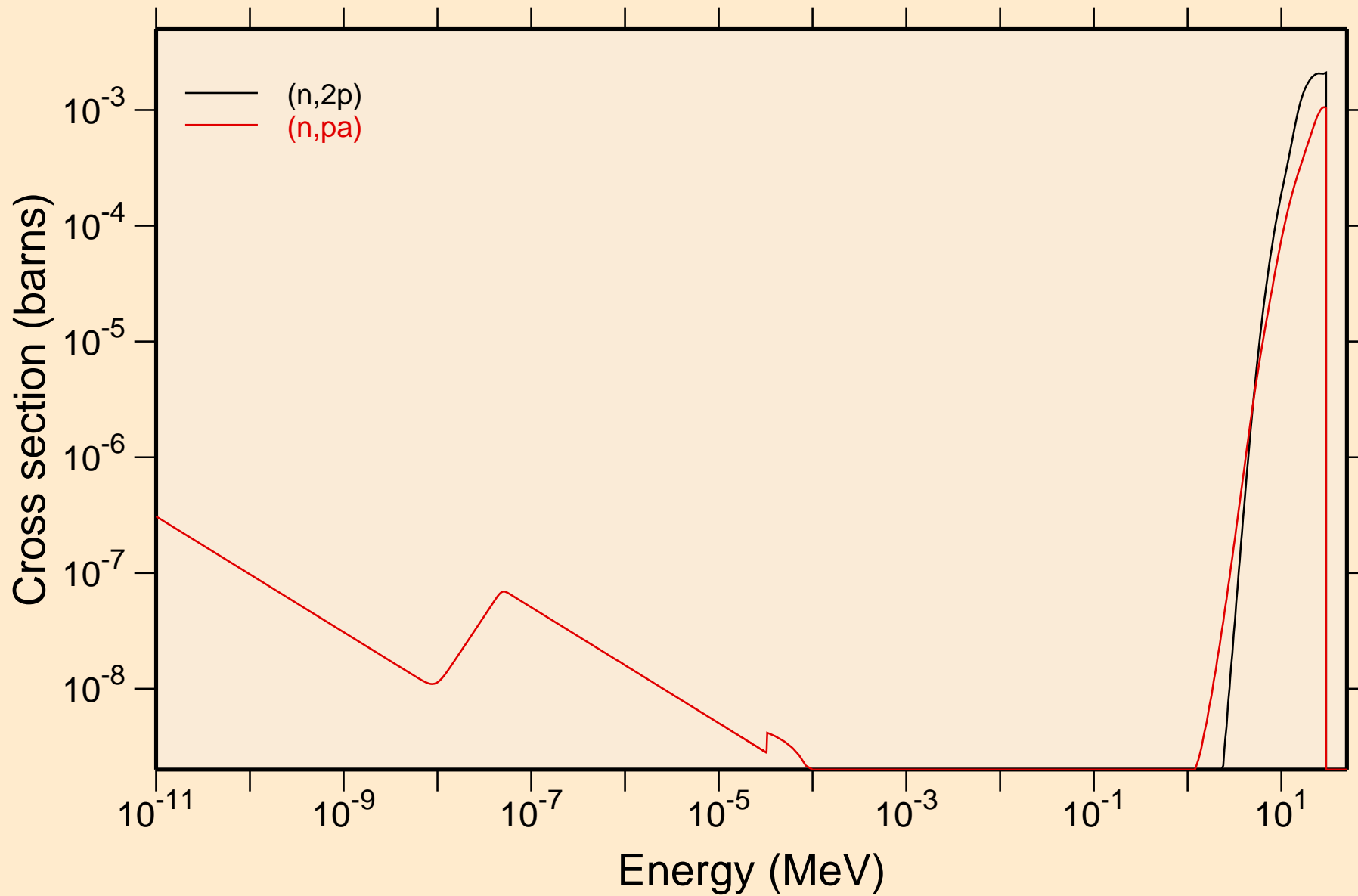
PB191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PB191 NRG TENDL-2015, AKONING  
Non-threshold reactions

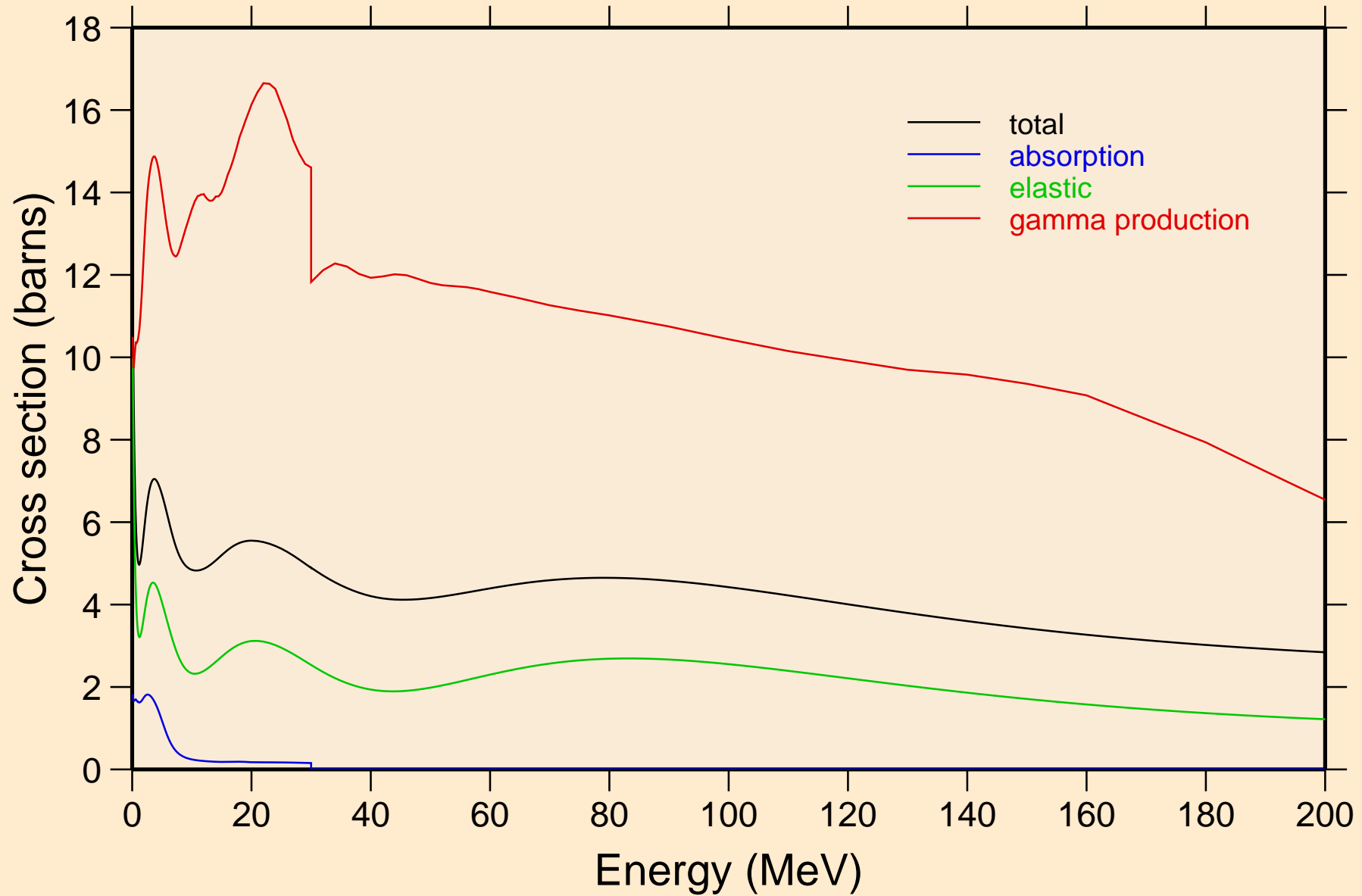


PB191 NRG TENDL-2015, AKONING  
Non-threshold reactions



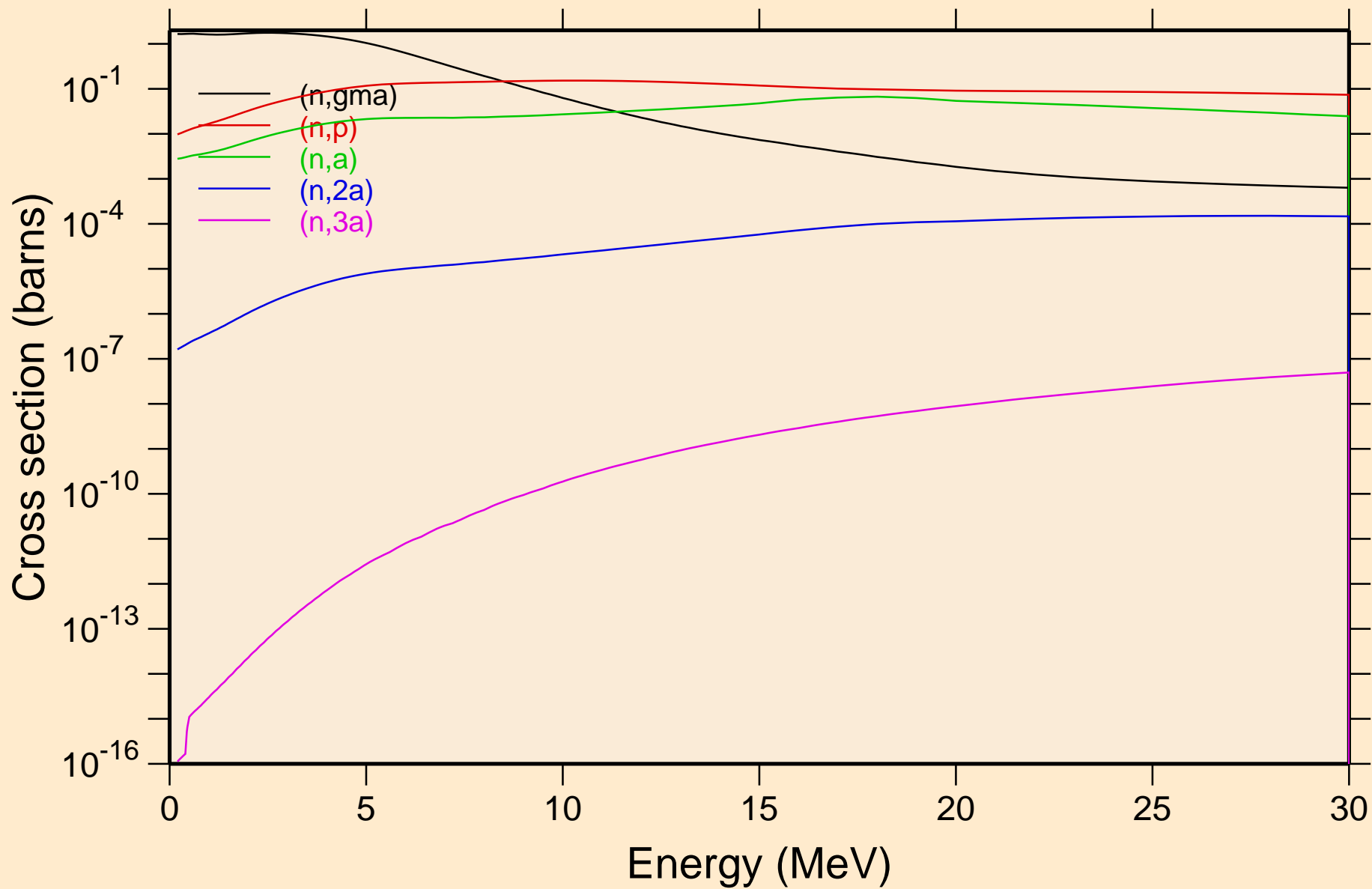
# PB191 NRG TENDL-2015, AKONING

## Principal cross sections

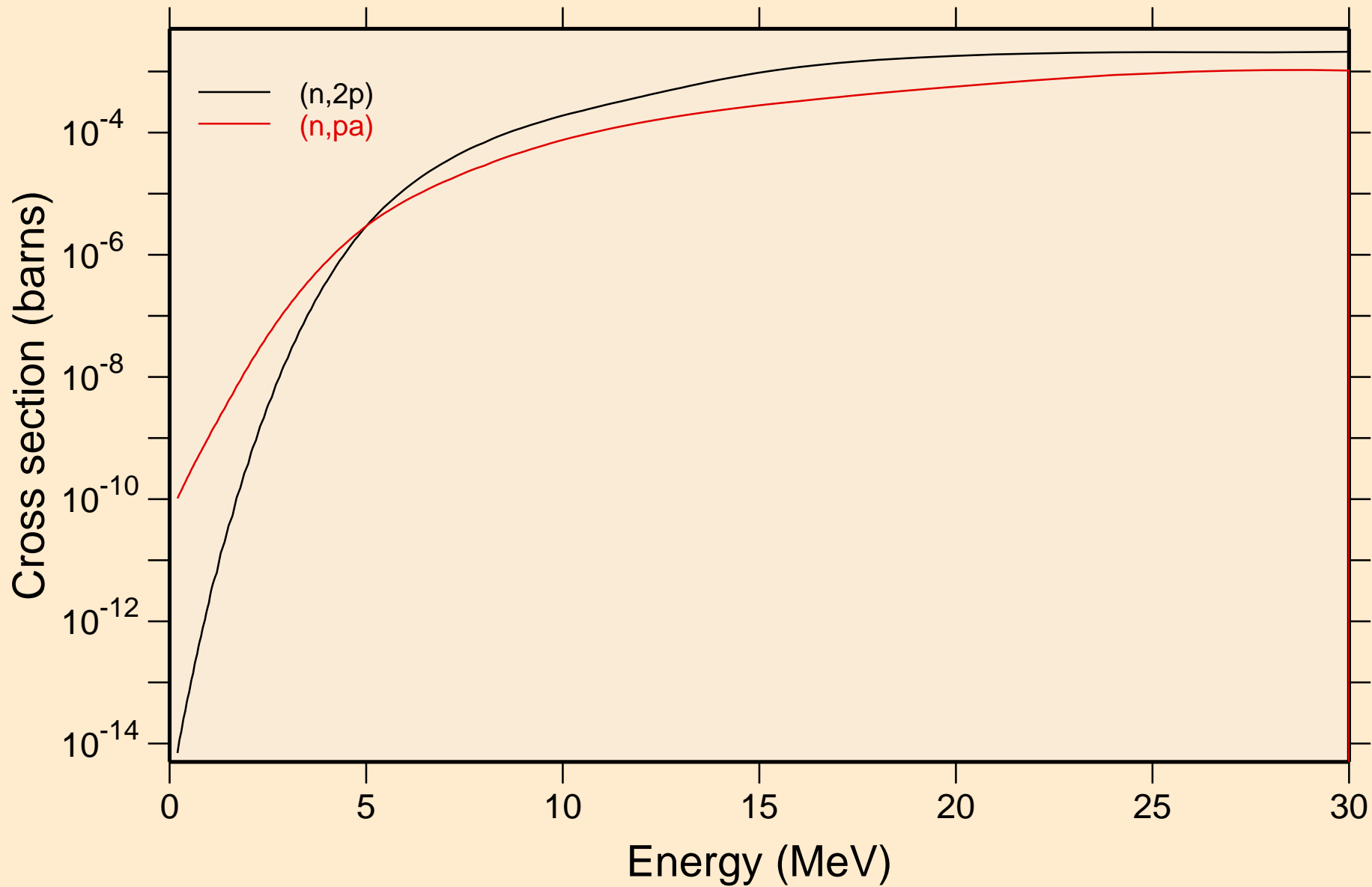


# PB191 NRG TENDL-2015, AKONING

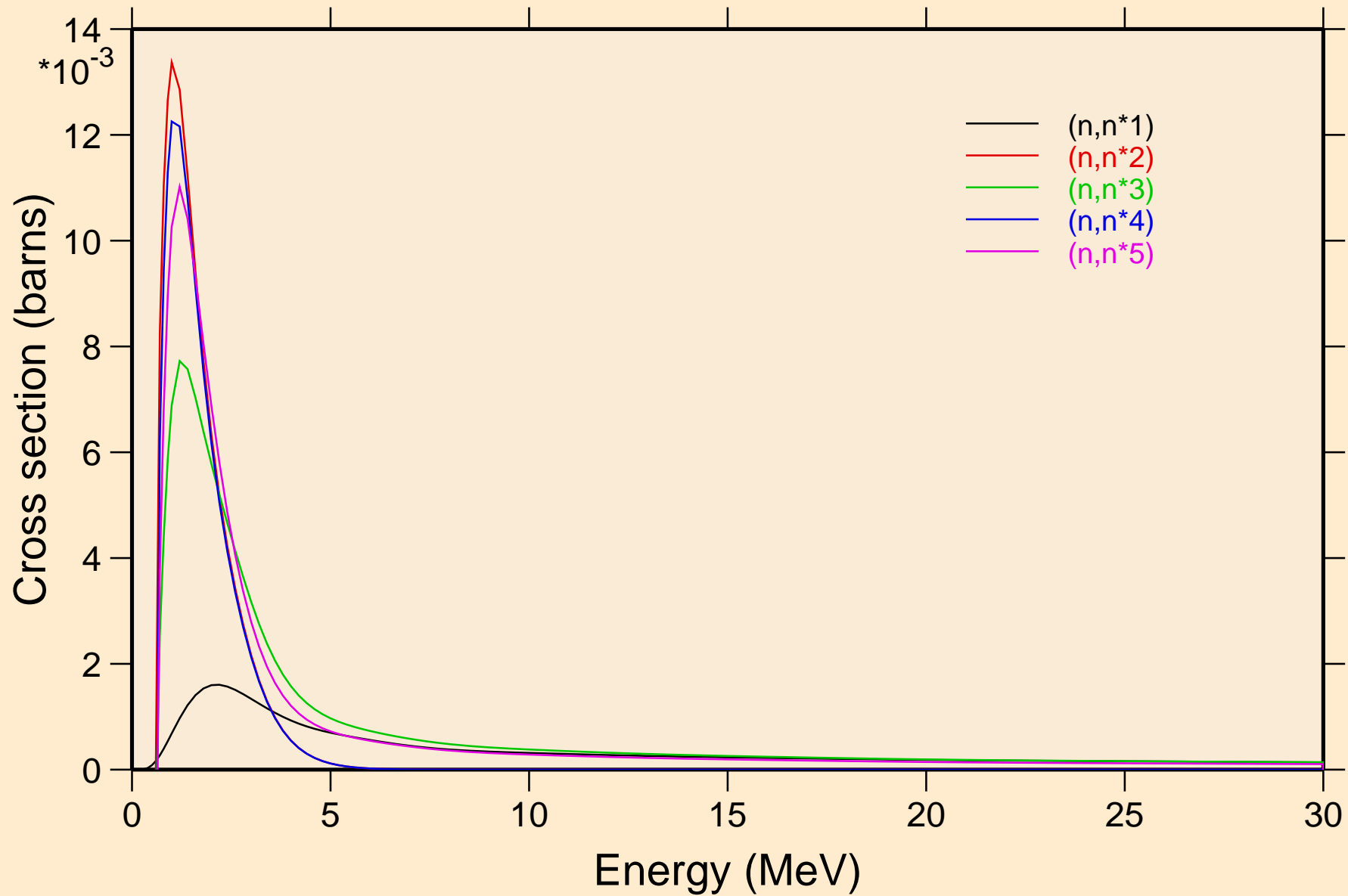
## Non-threshold reactions



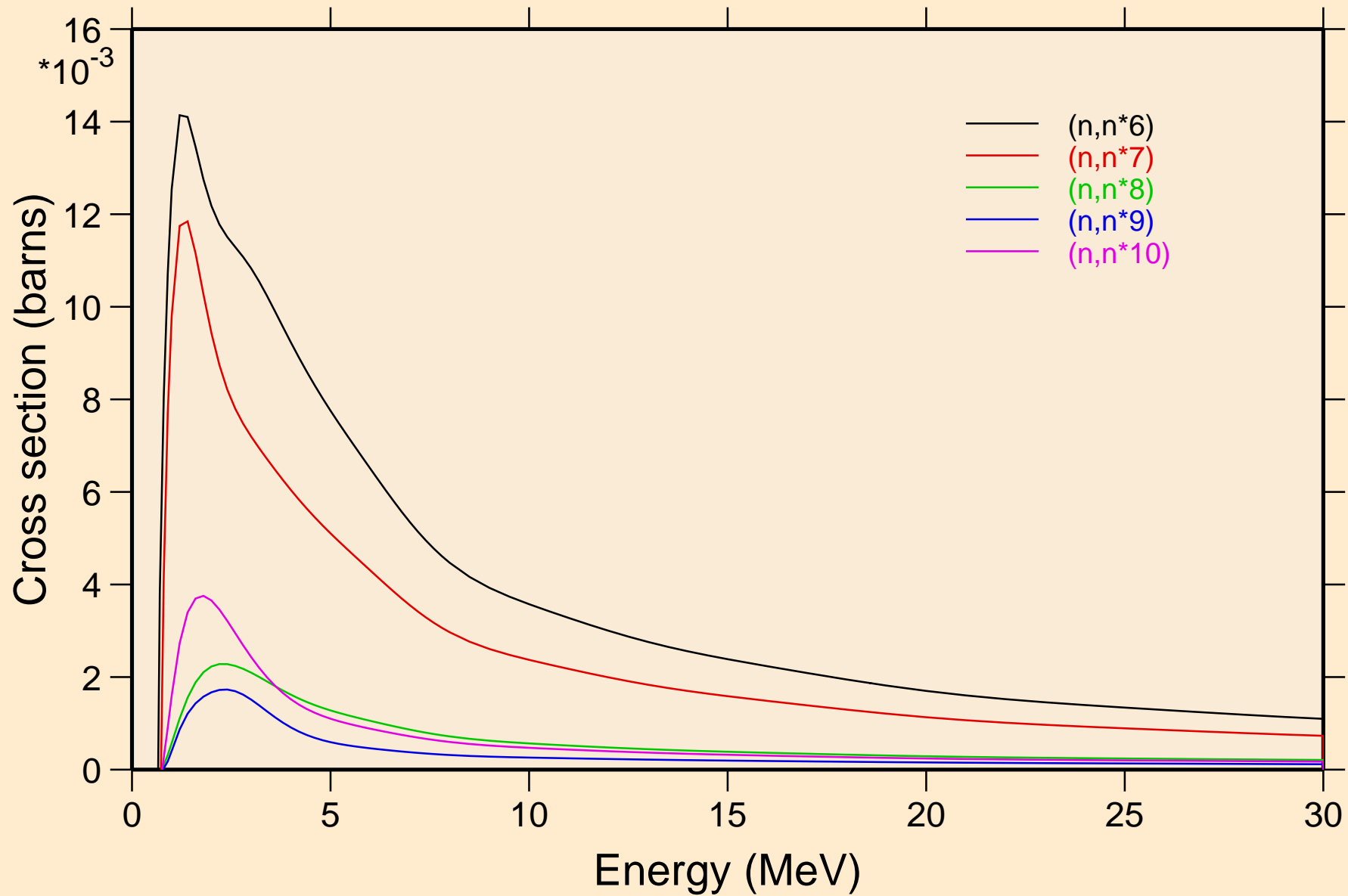
PB191 NRG TENDL-2015, AKONING  
Non-threshold reactions



PB191 NRG TENDL-2015, AKONING  
Inelastic levels

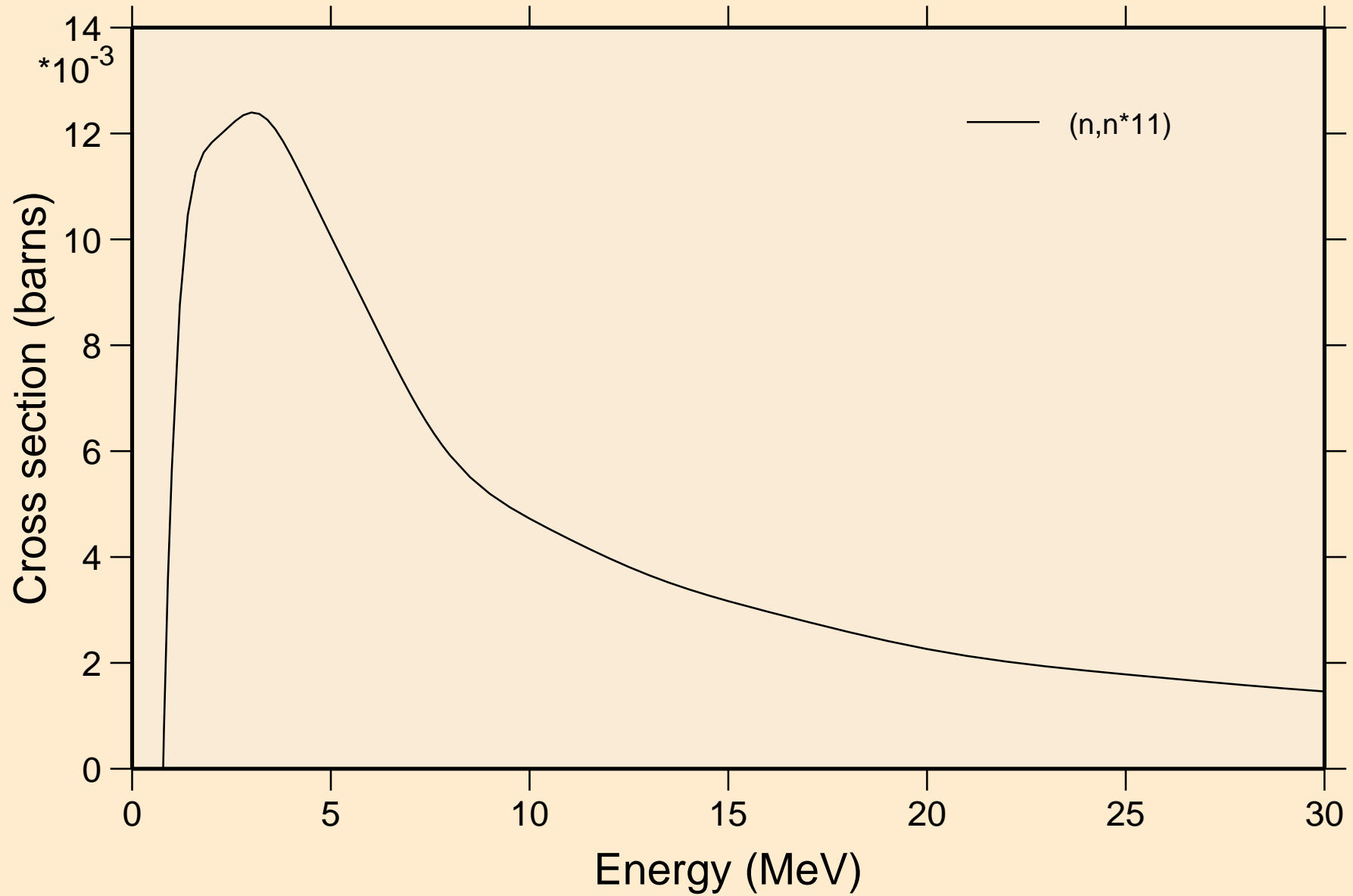


PB191 NRG TENDL-2015, AKONING  
Inelastic levels



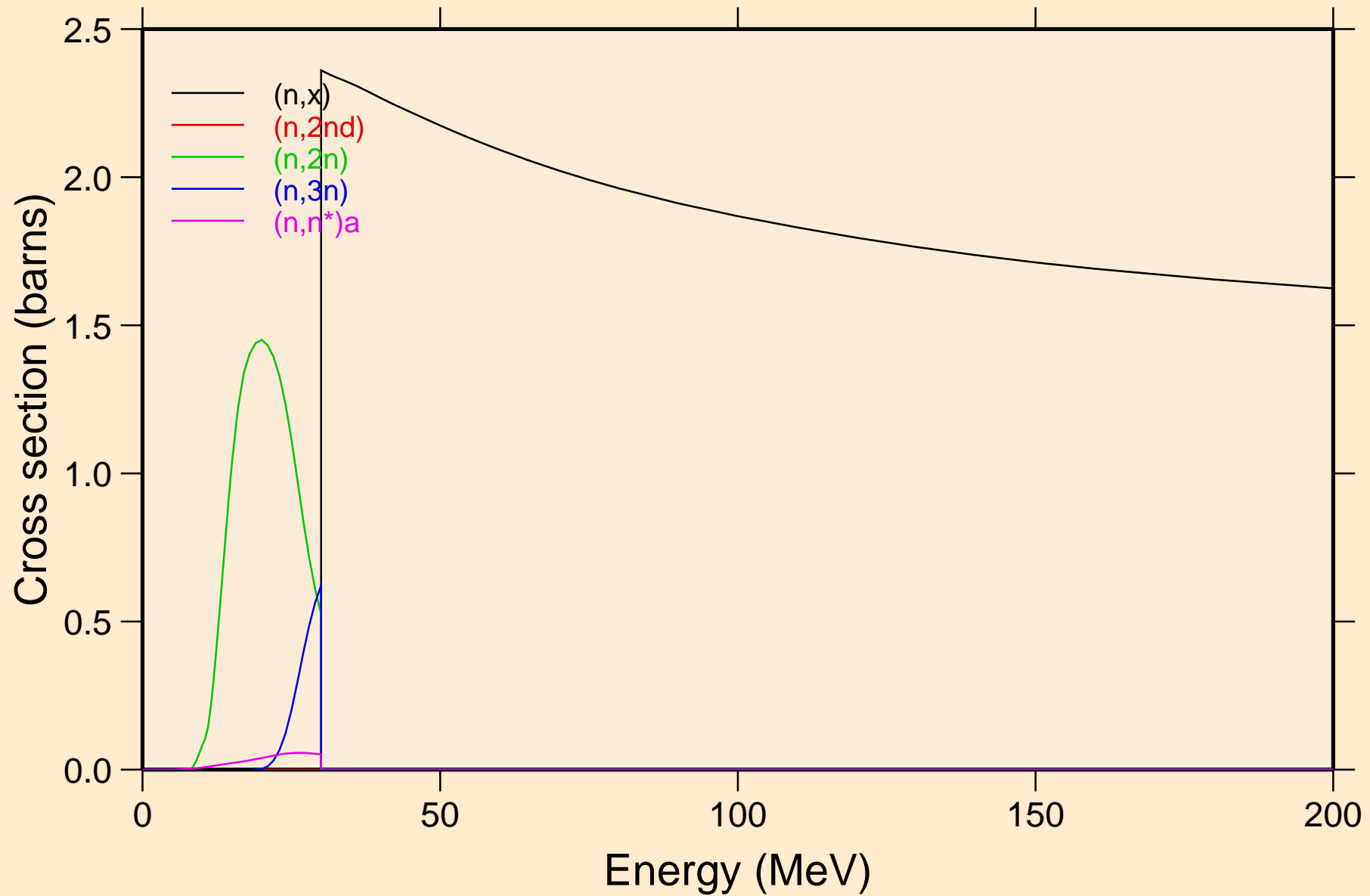


PB191 NRG TENDL-2015, AKONING  
Inelastic levels



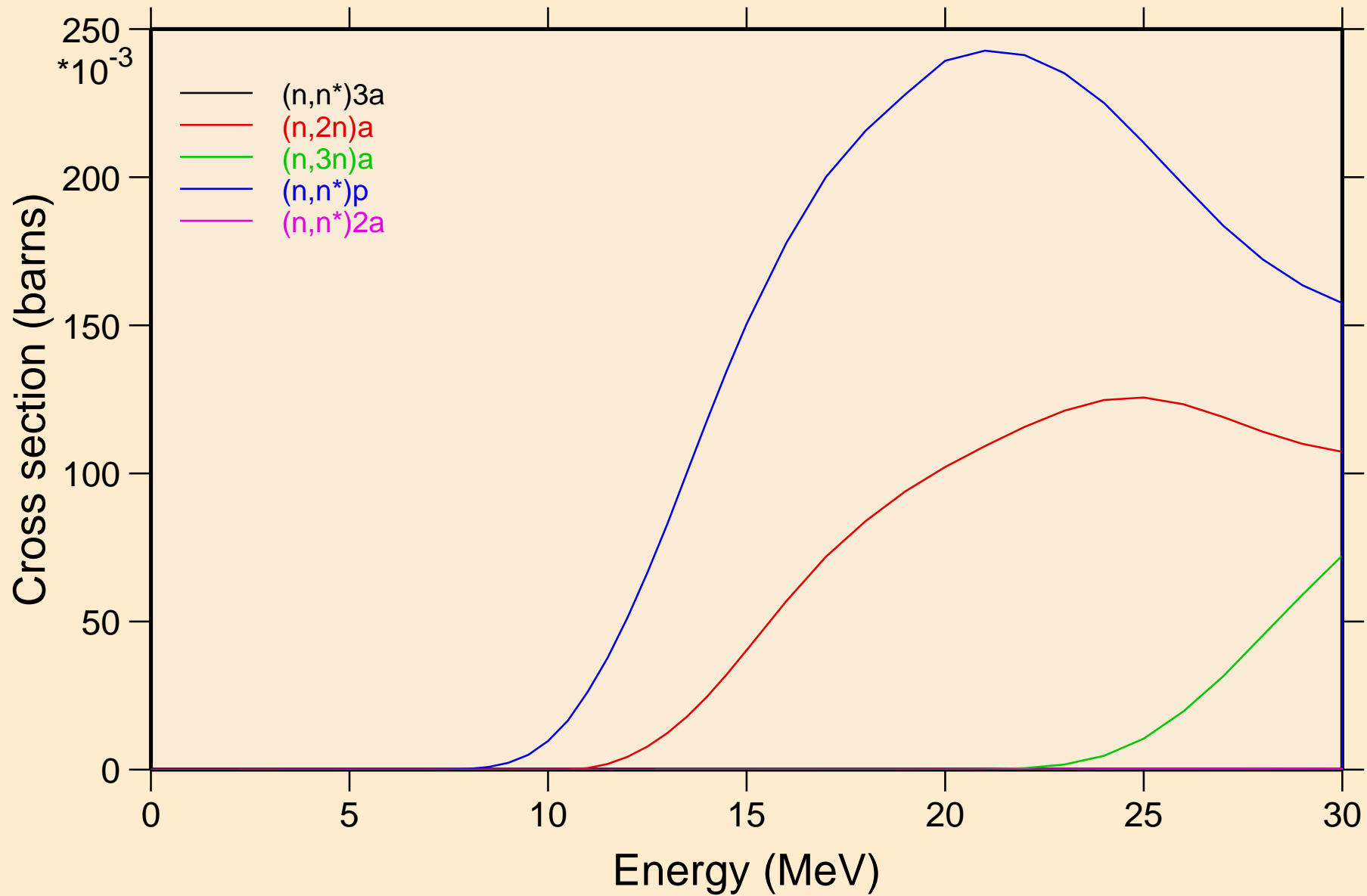
# PB191 NRG TENDL-2015, AKONING

## Threshold reactions



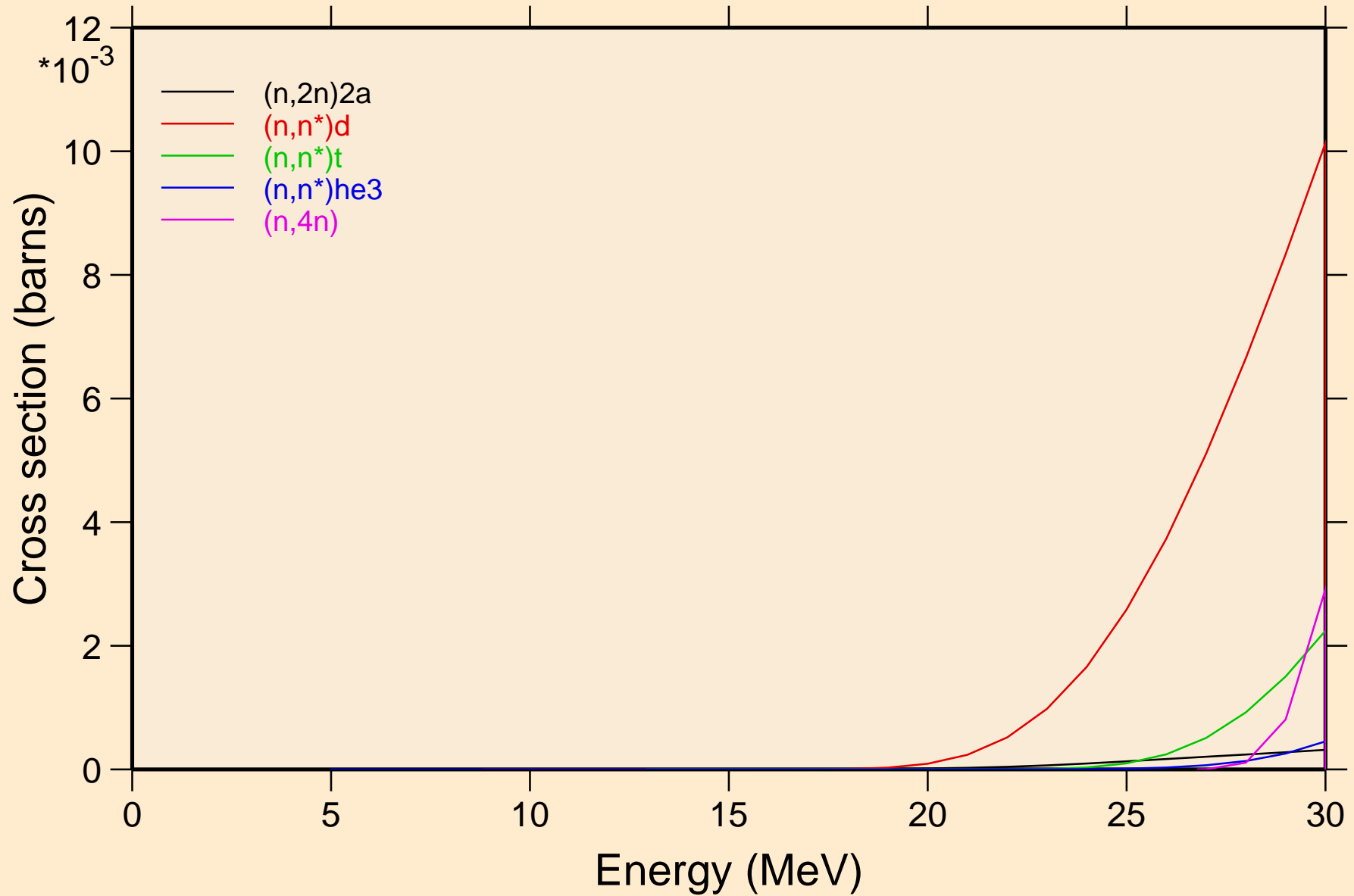
# PB191 NRG TENDL-2015, AKONING

## Threshold reactions



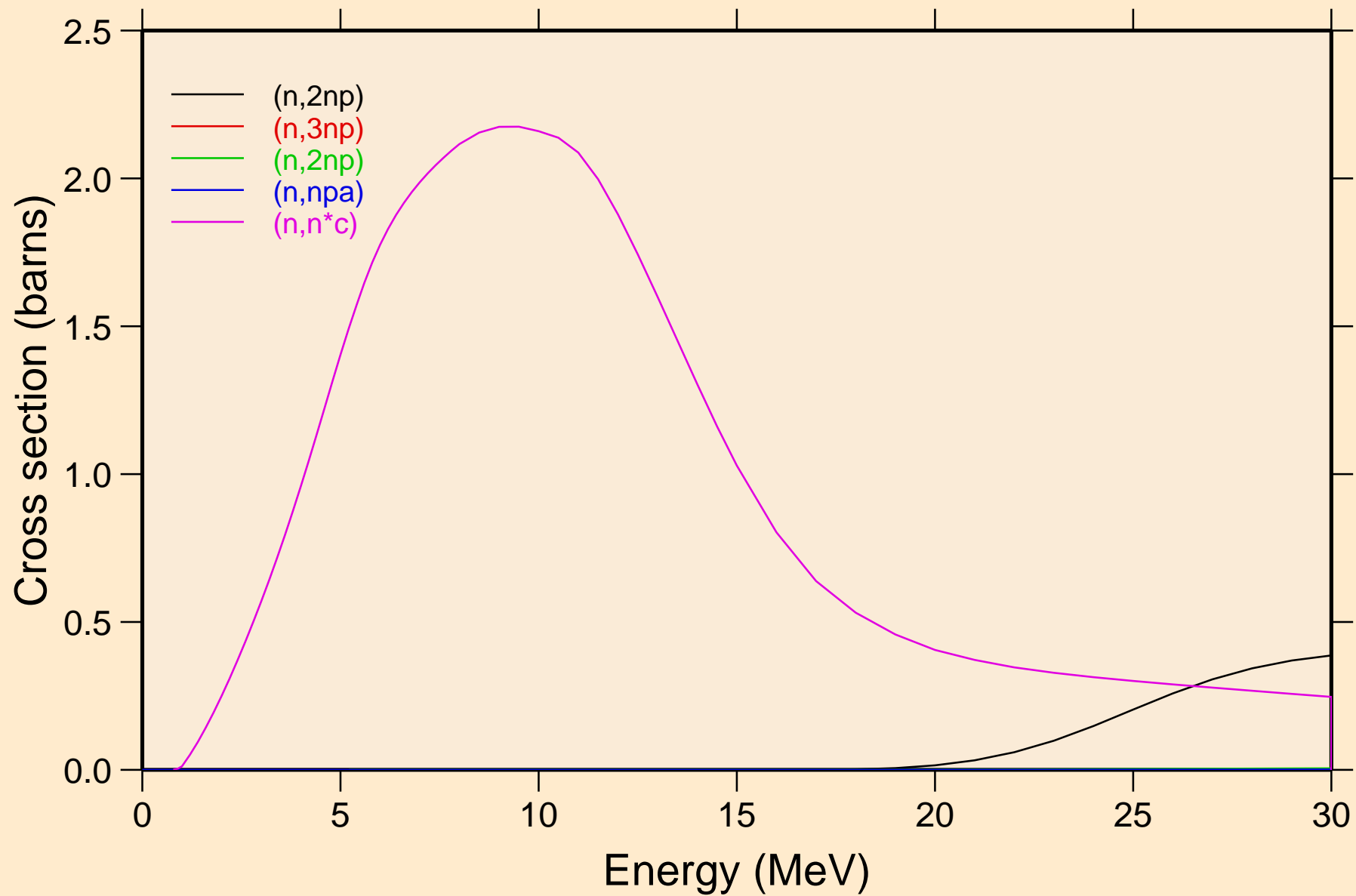
# PB191 NRG TENDL-2015, AKONING

## Threshold reactions



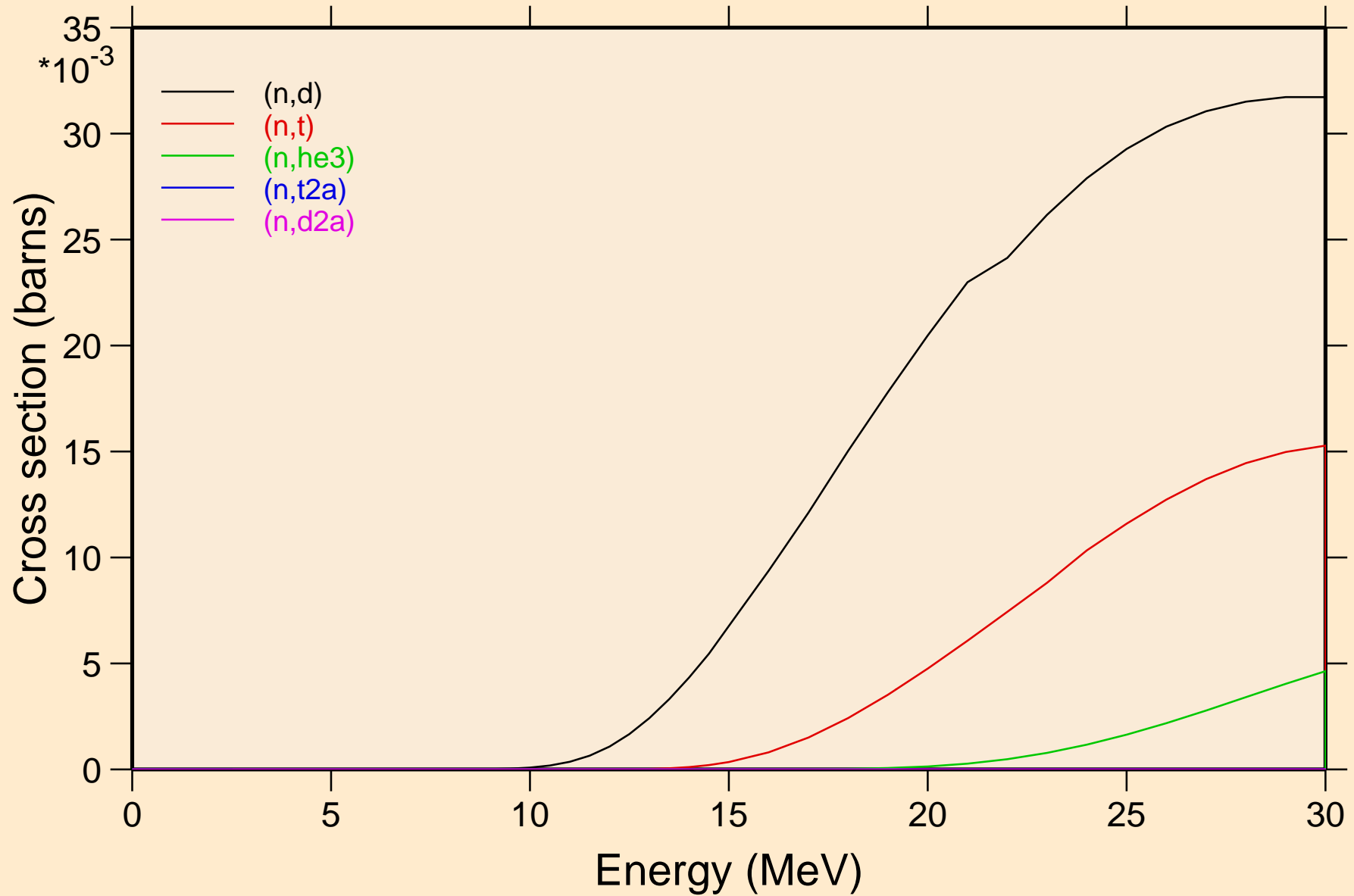
# PB191 NRG TENDL-2015, AKONING

## Threshold reactions



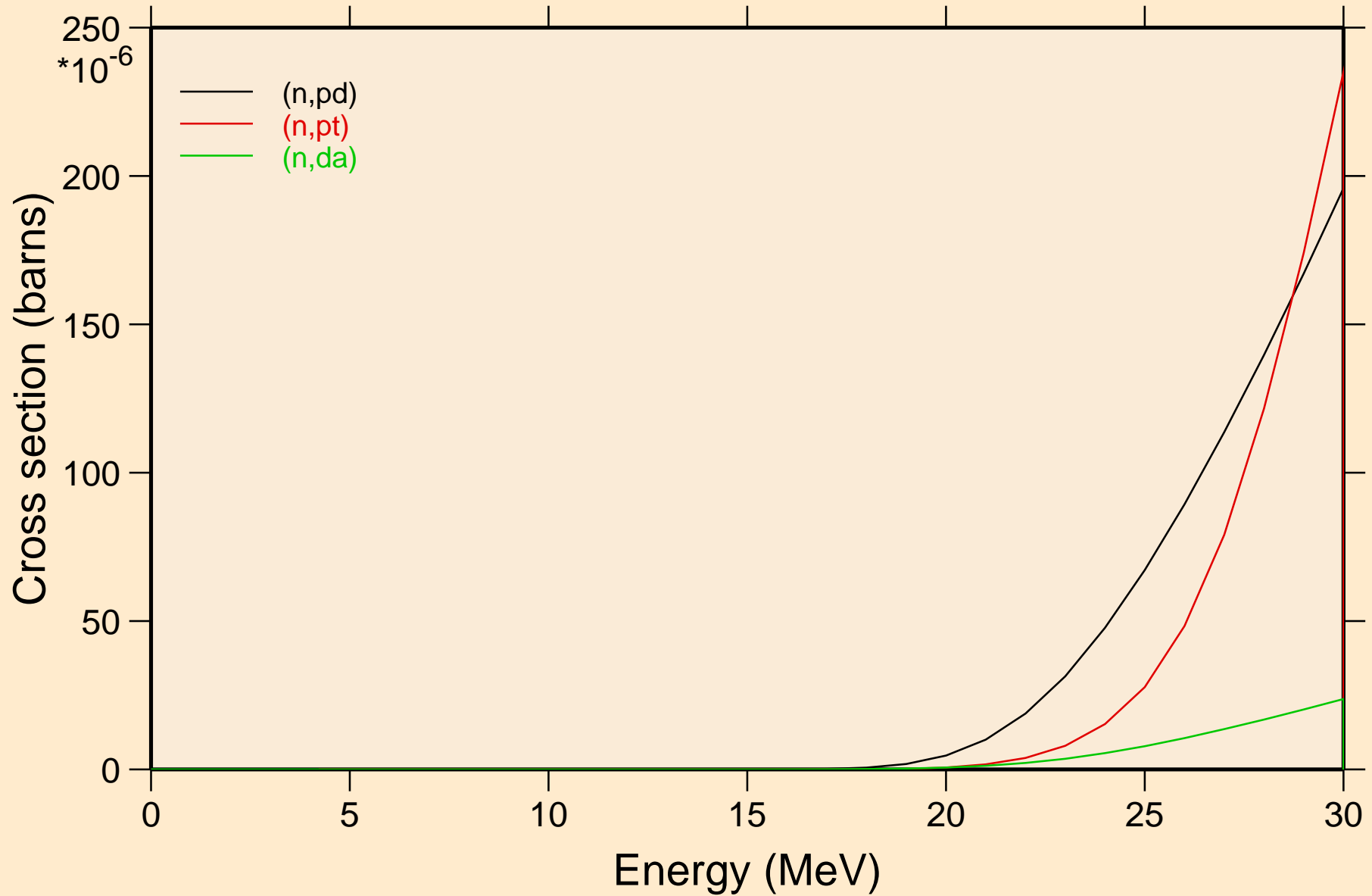
# PB191 NRG TENDL-2015, AKONING

## Threshold reactions

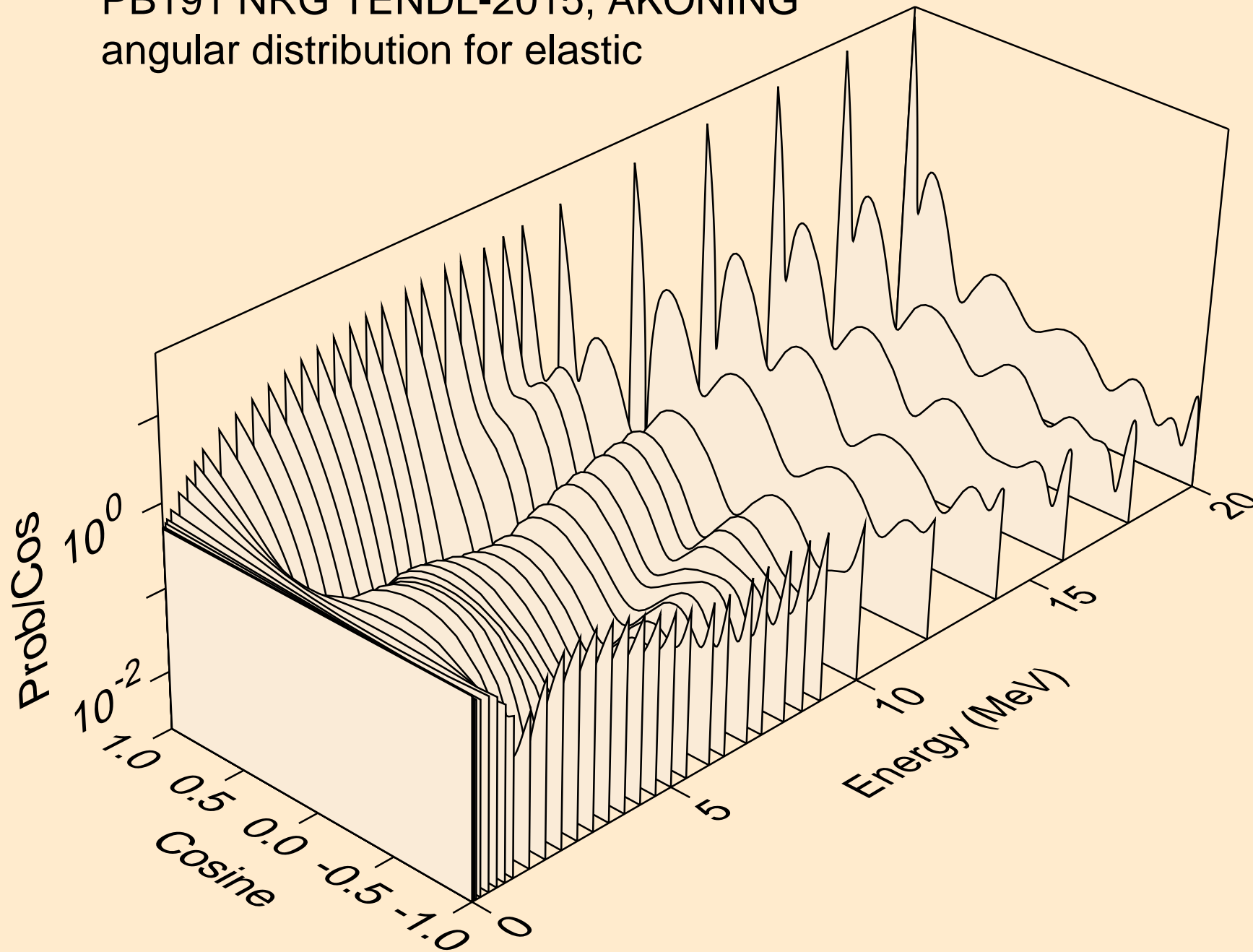


# PB191 NRG TENDL-2015, AKONING

## Threshold reactions

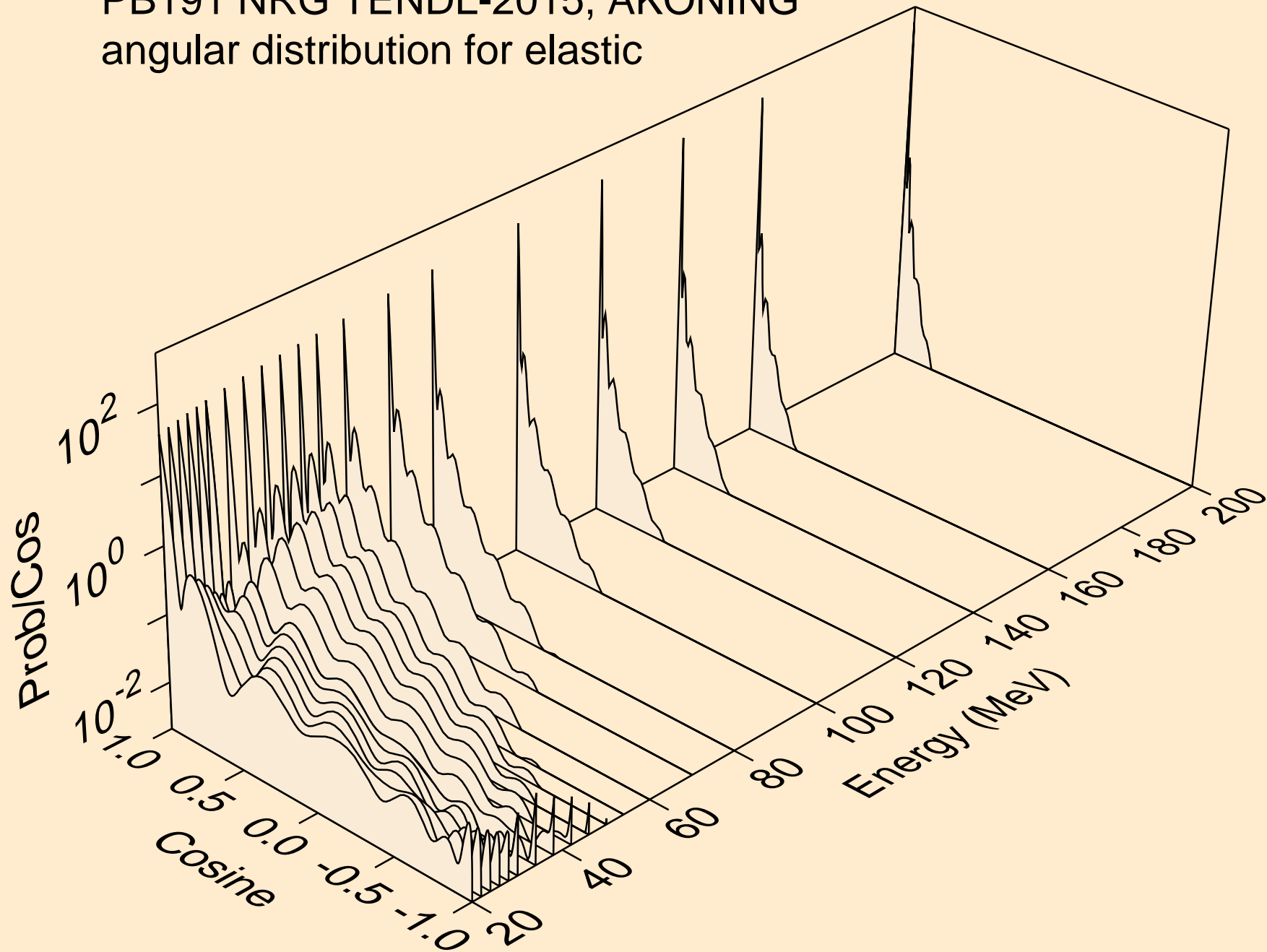


PB191 NRG TENDL-2015, AKONING  
angular distribution for elastic

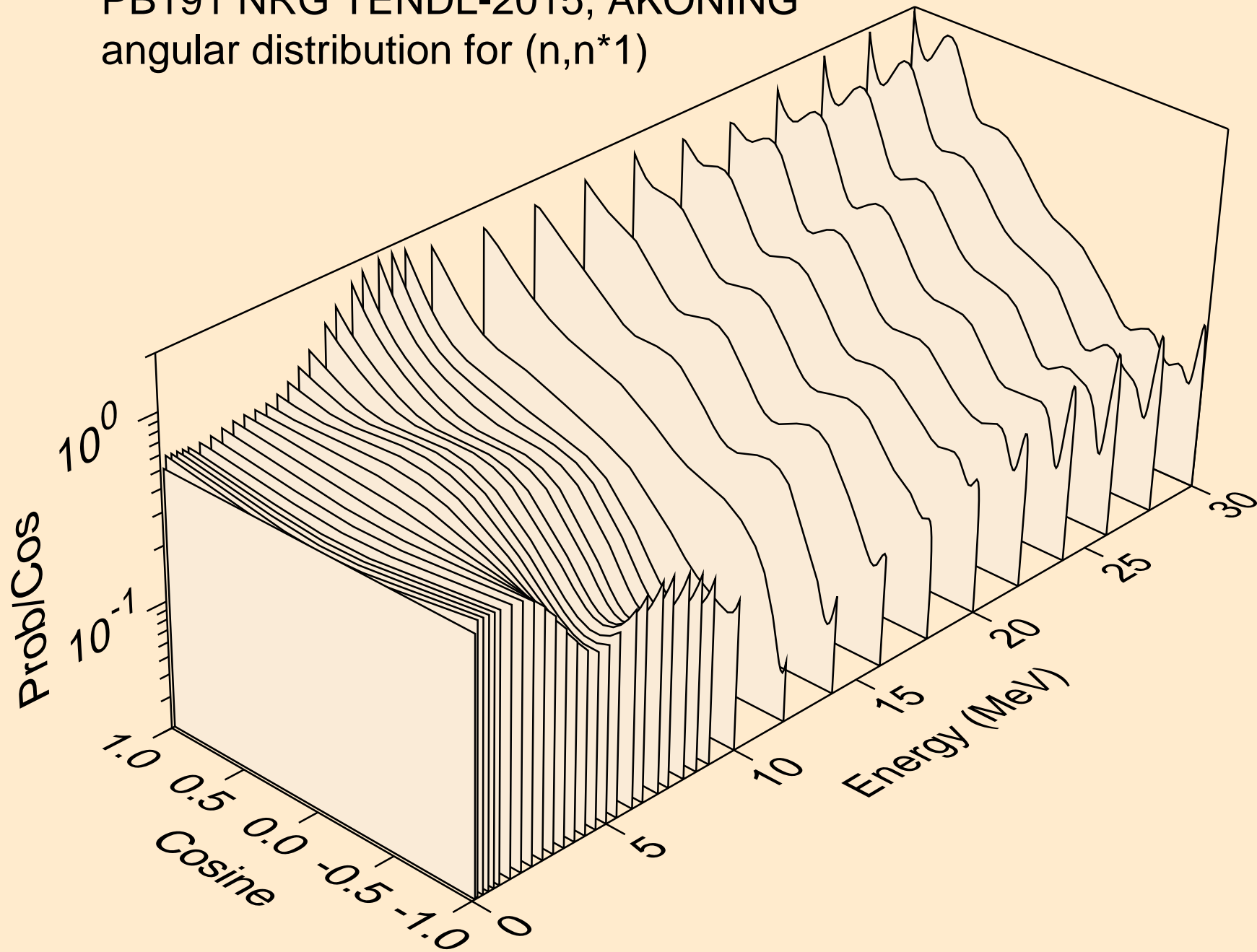




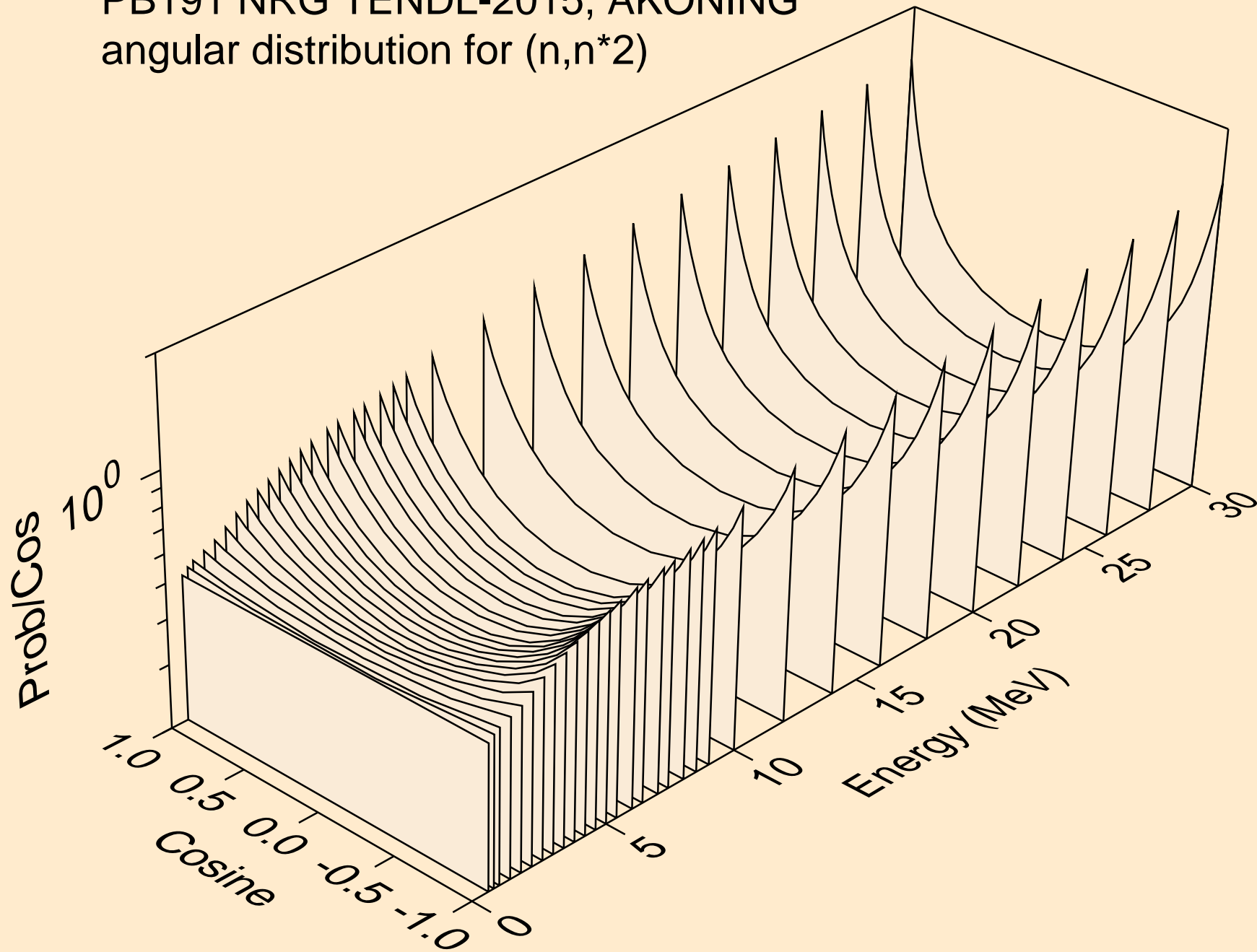
PB191 NRG TENDL-2015, AKONING  
angular distribution for elastic



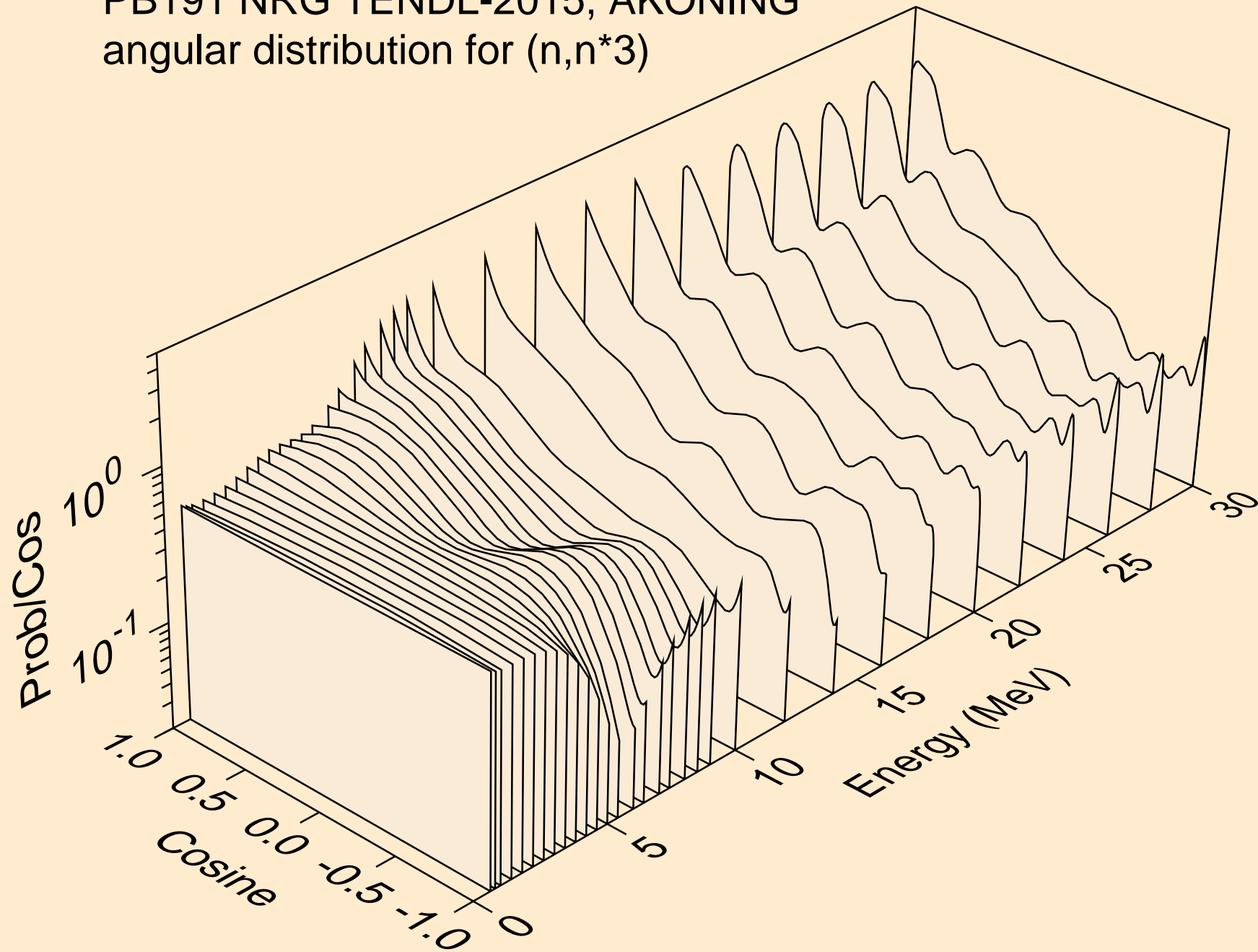
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



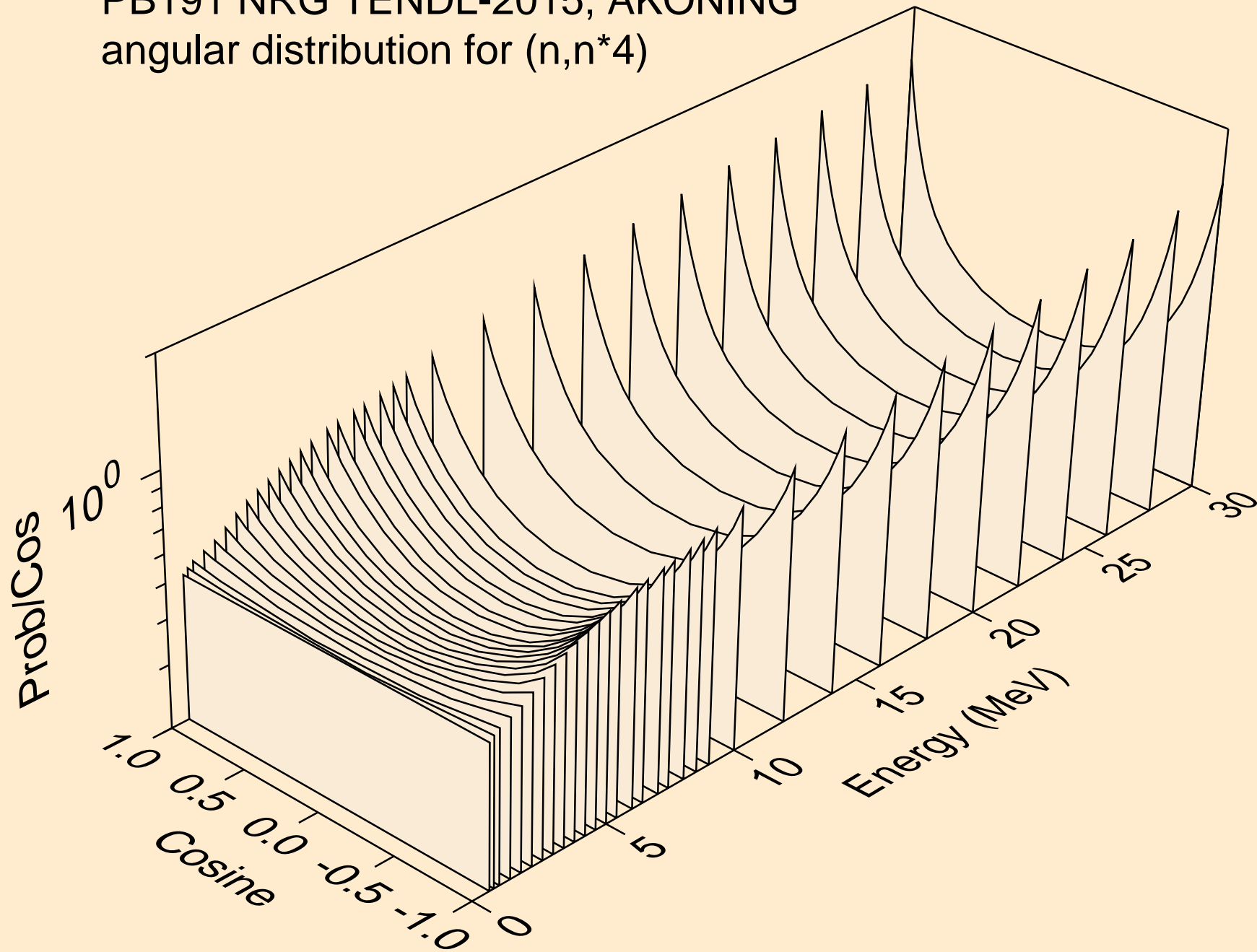
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



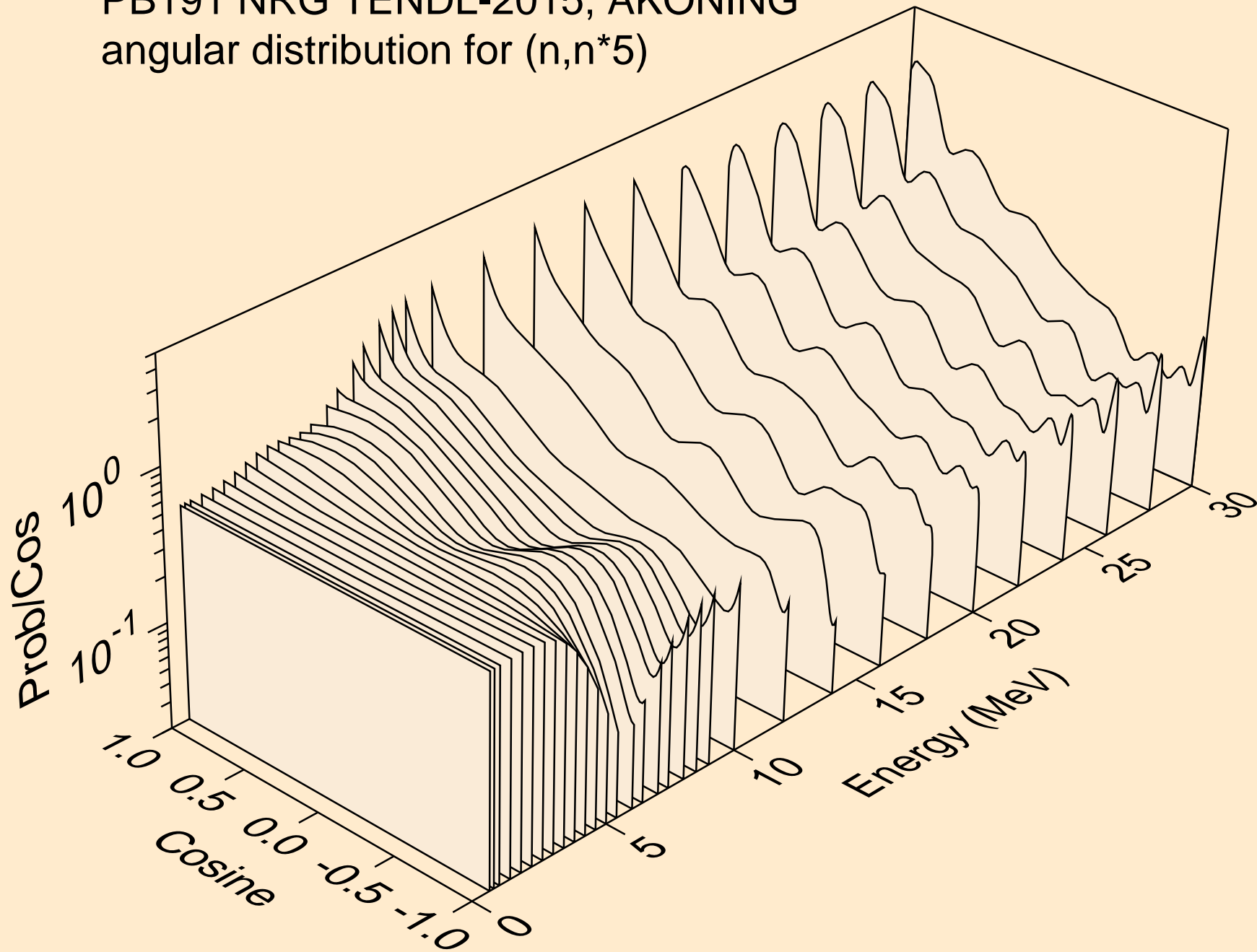
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



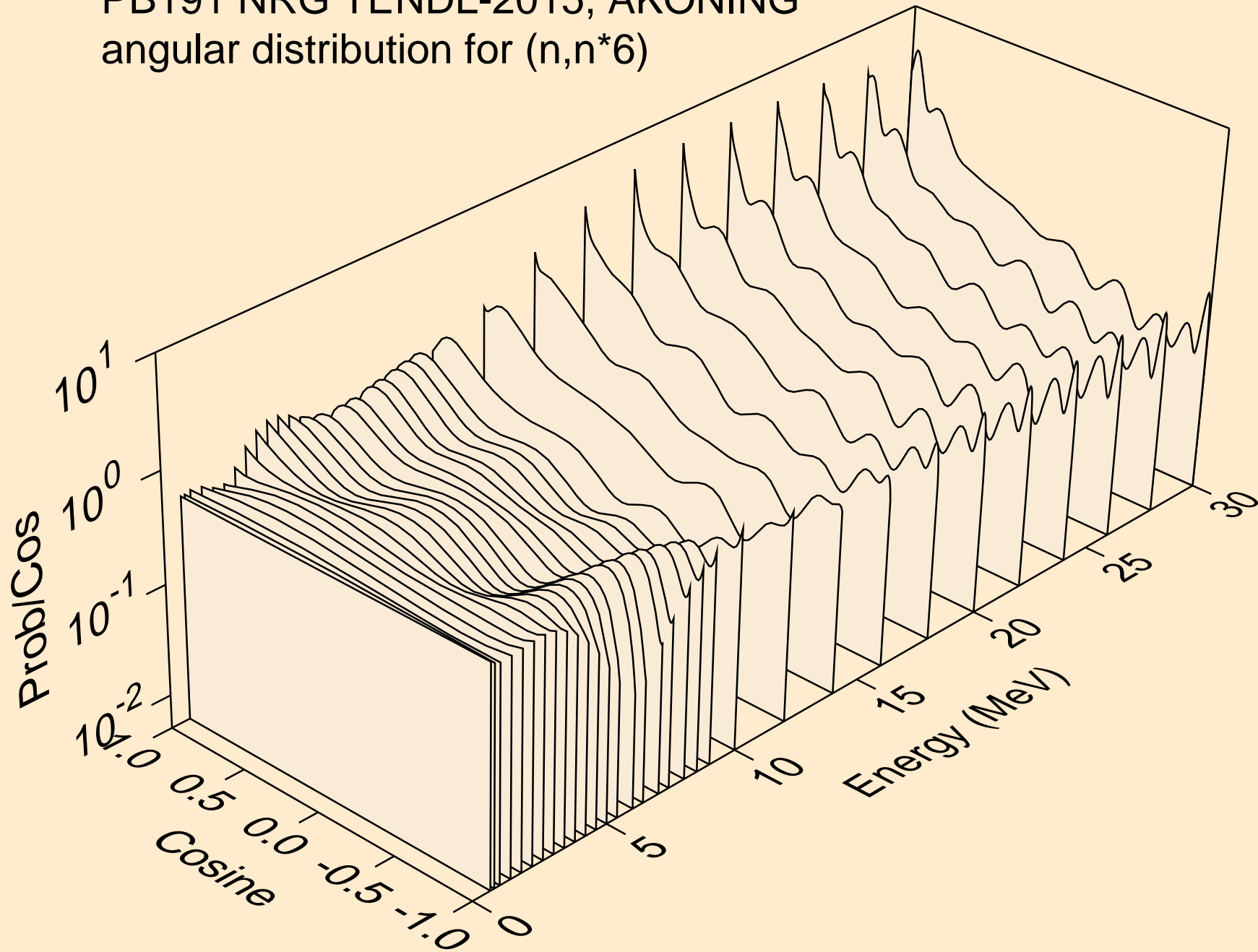
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



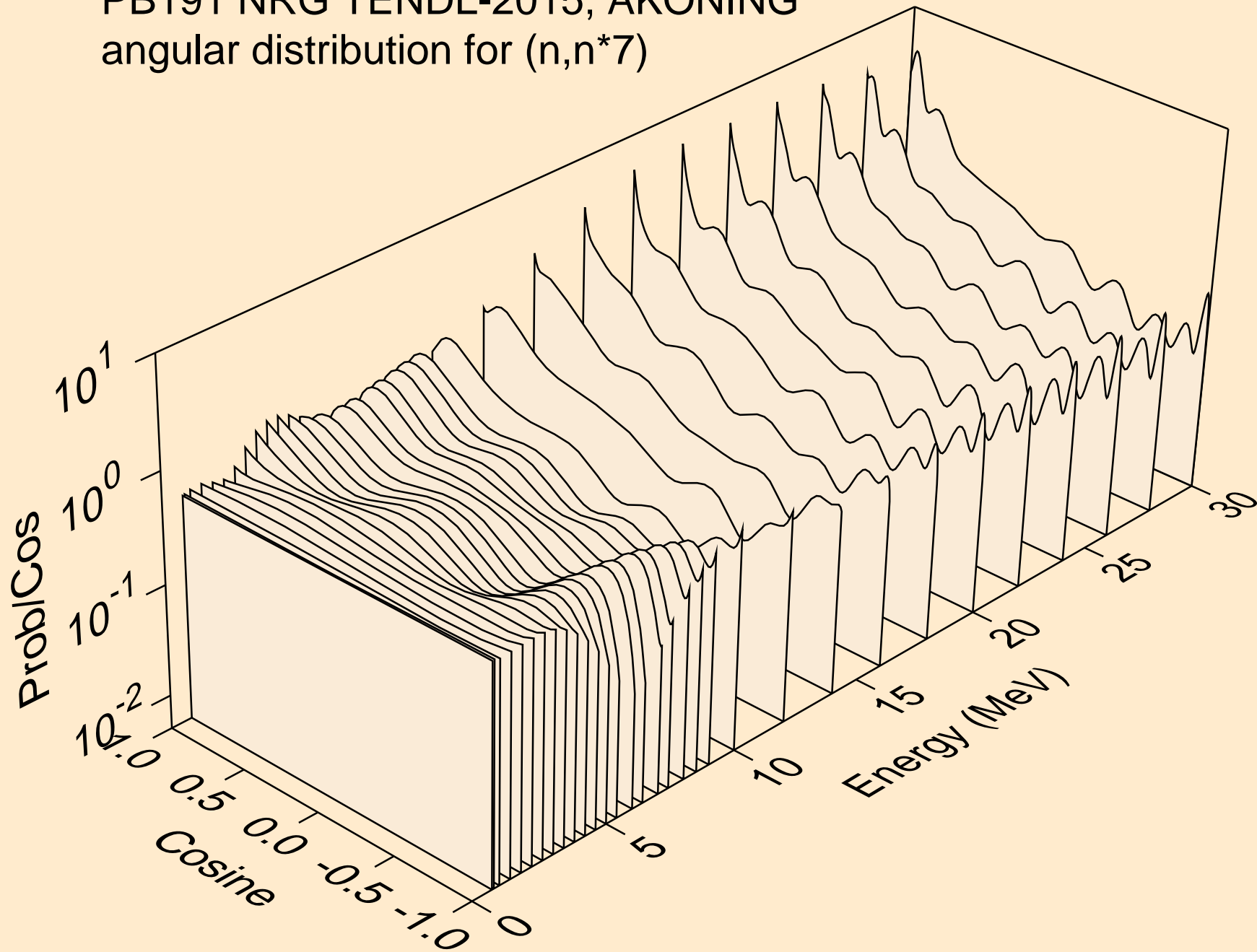
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

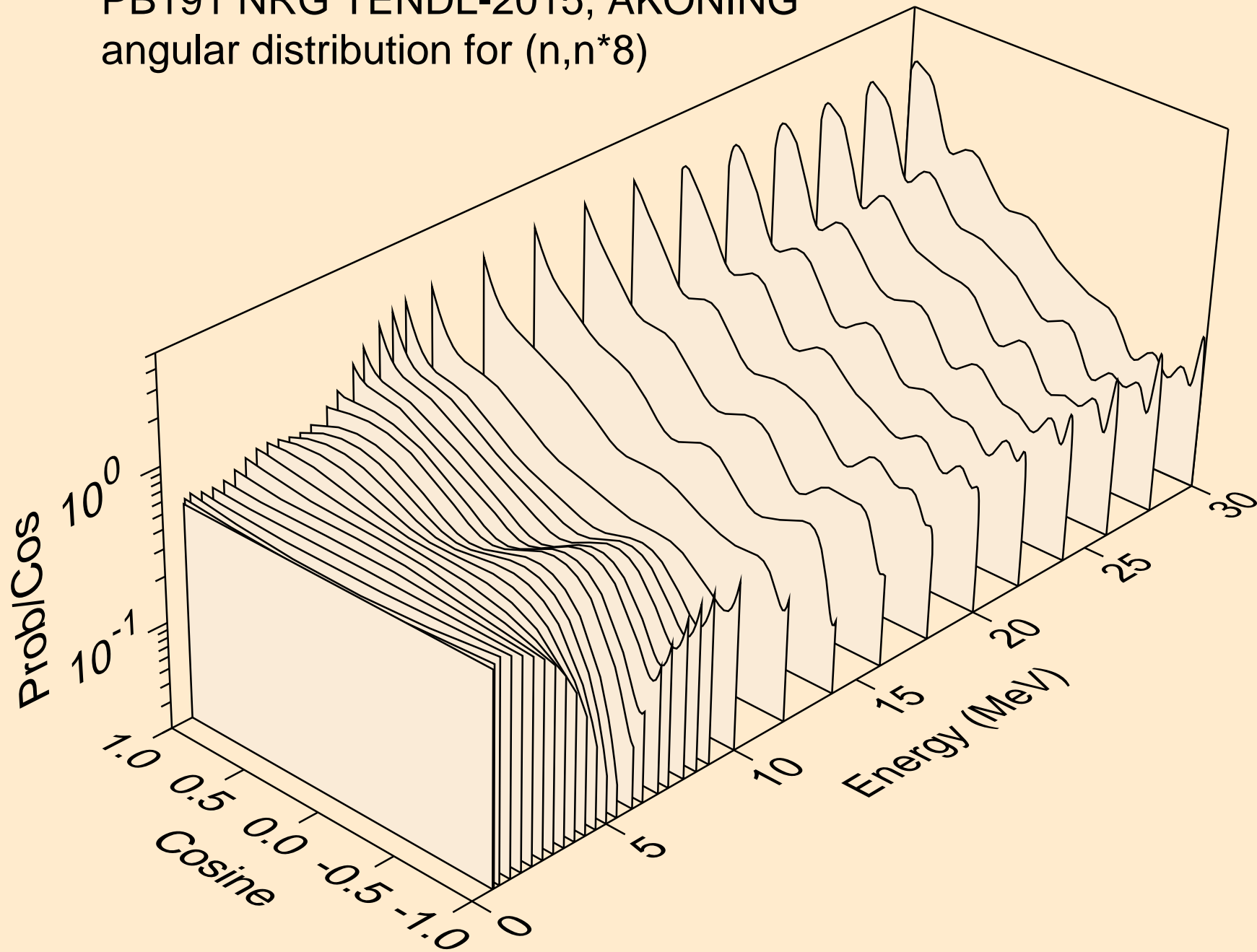


PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

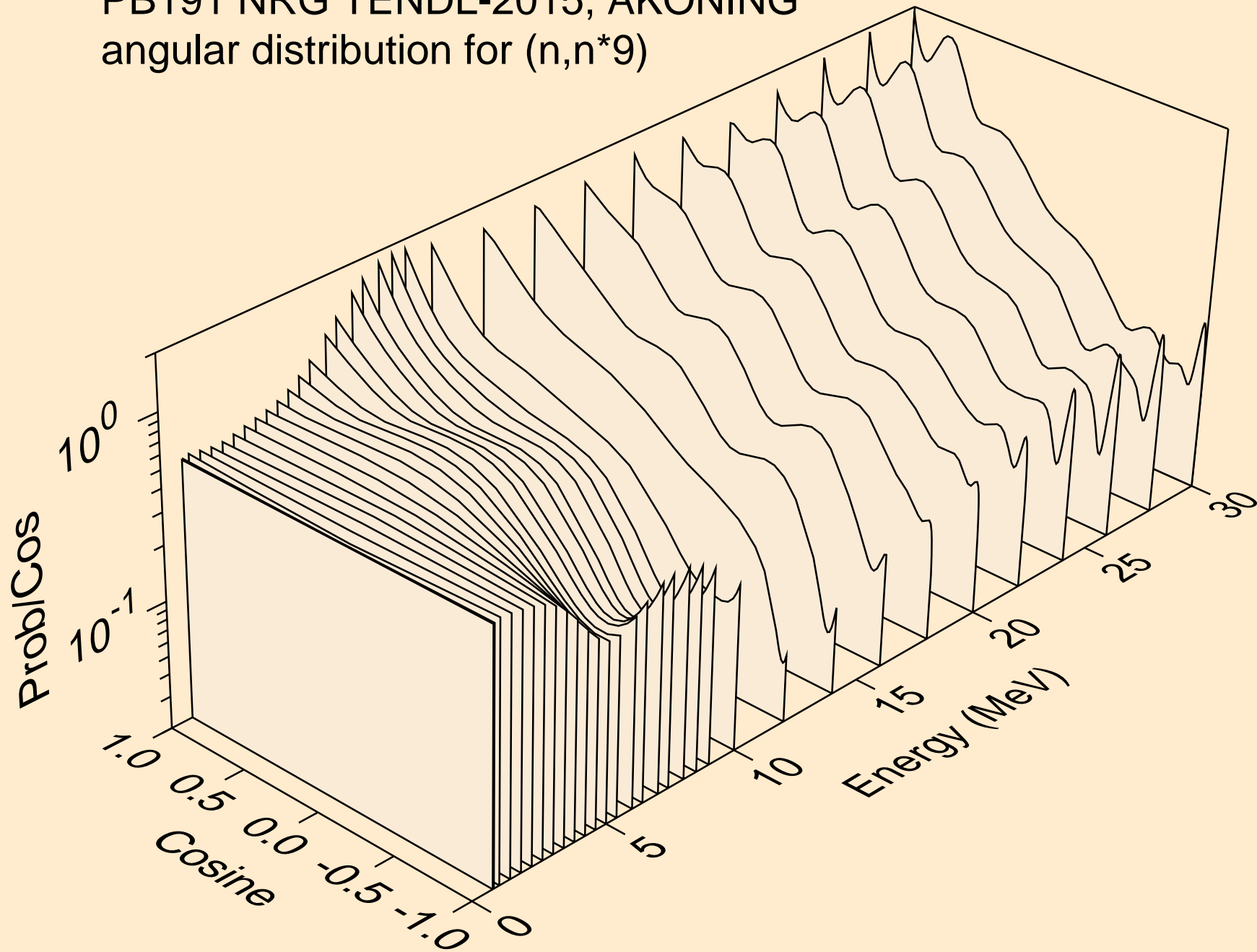




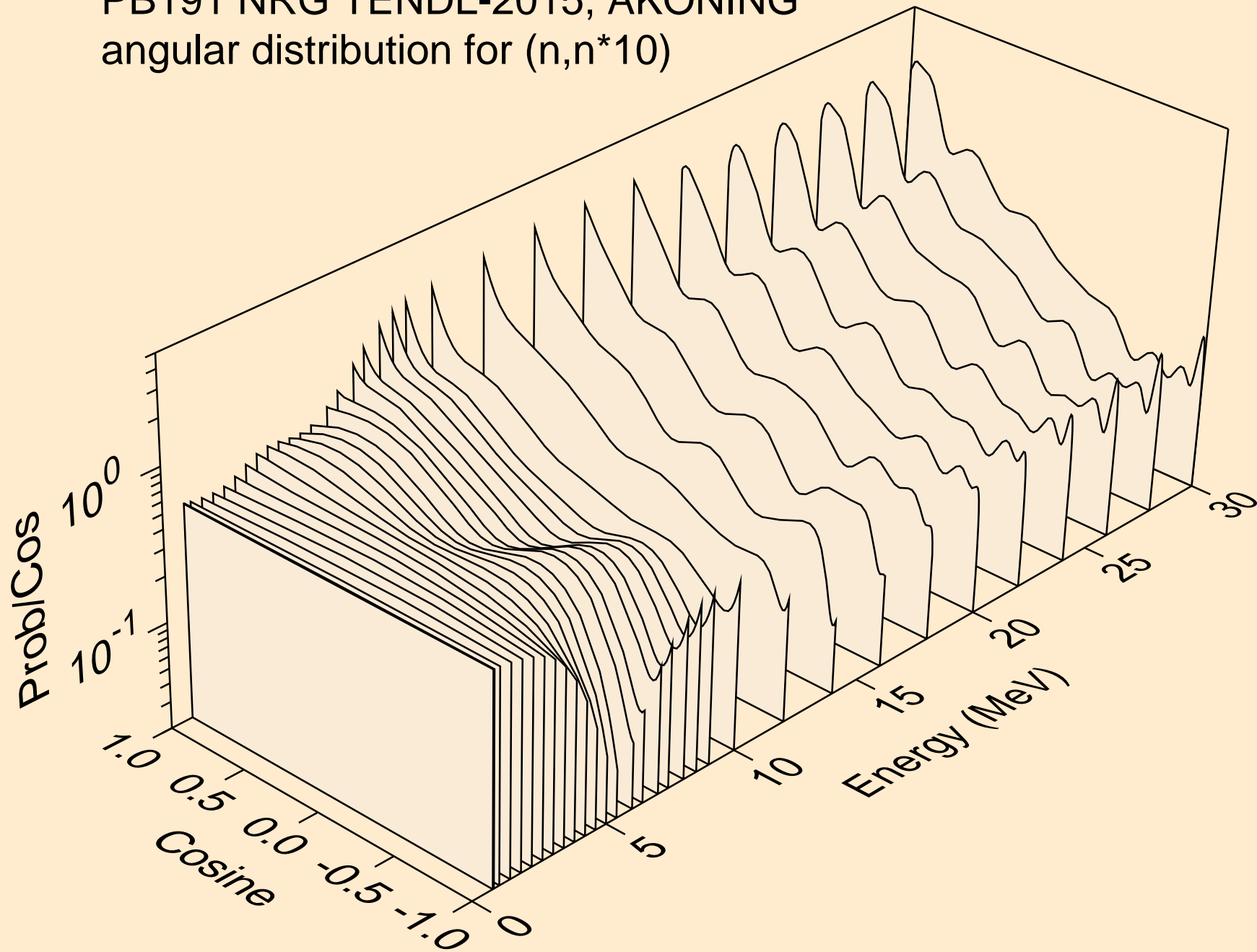
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



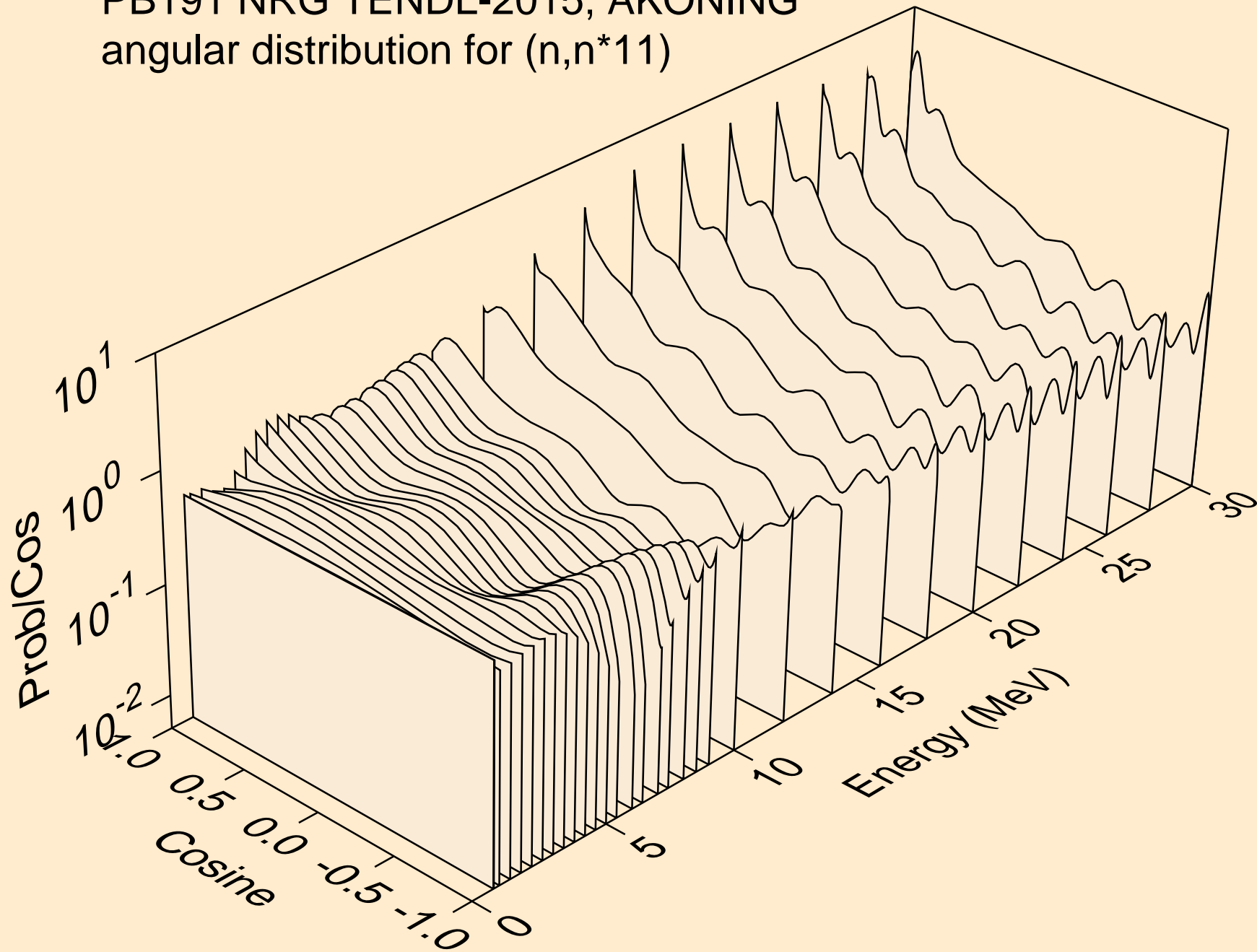
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



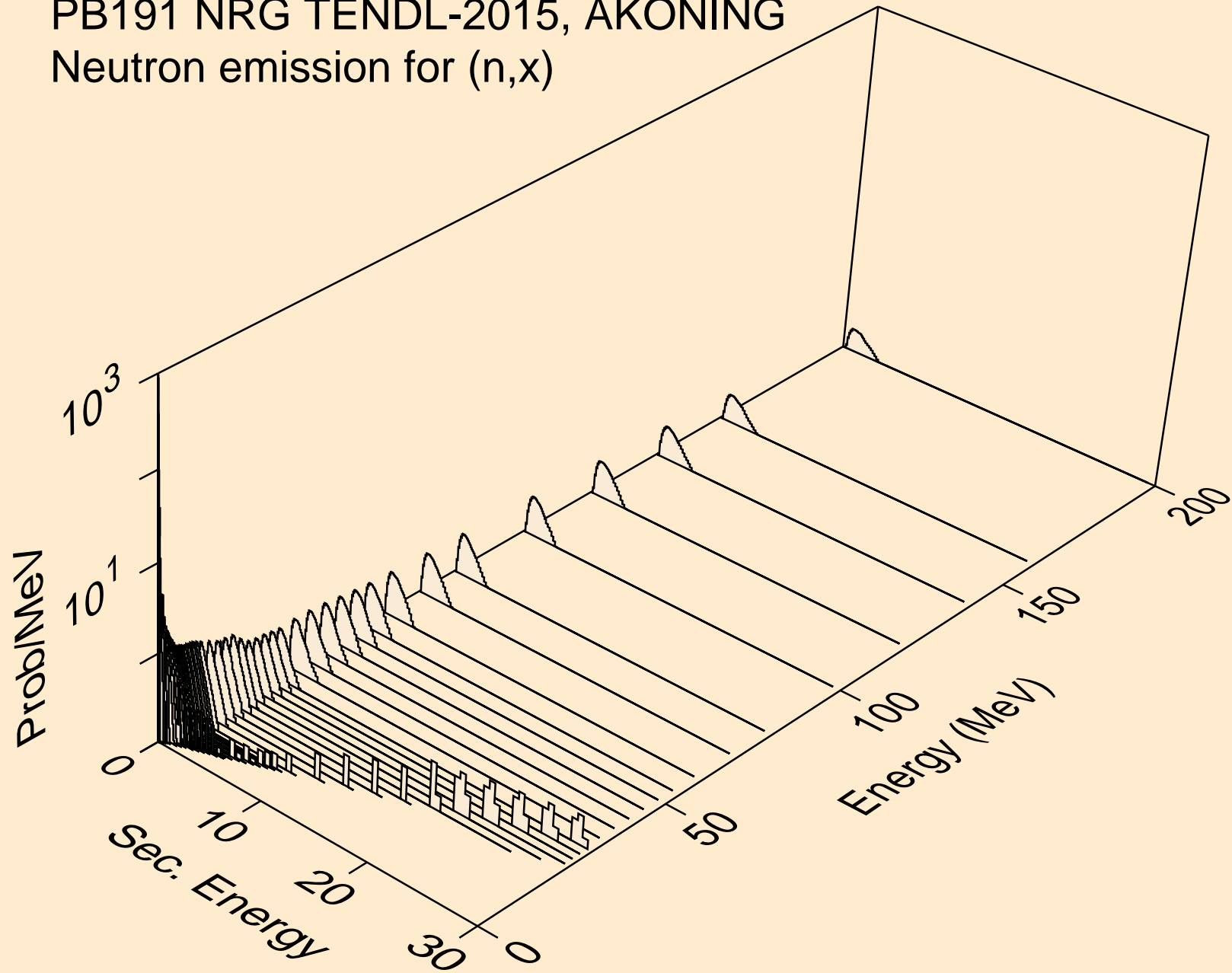
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



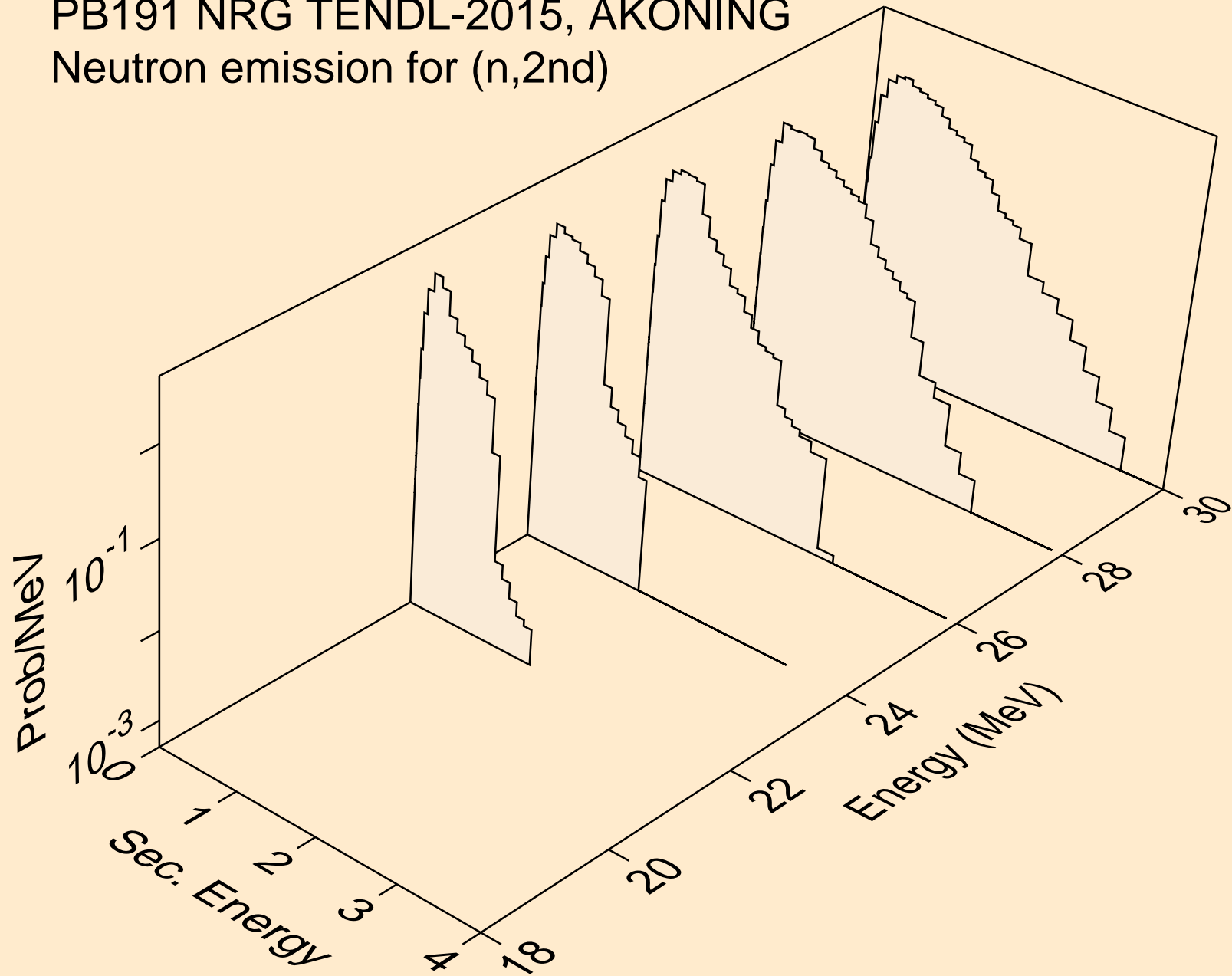
PB191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



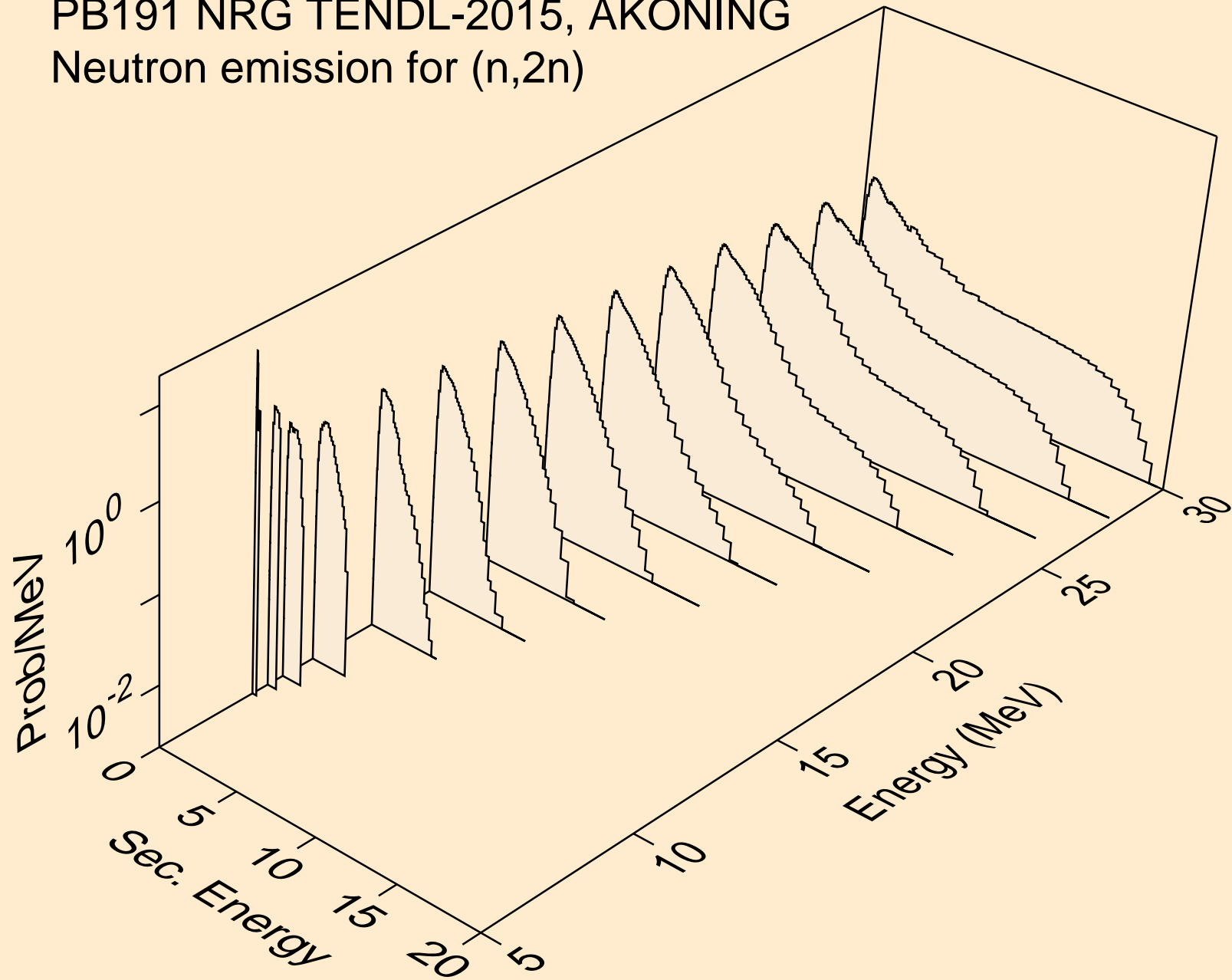
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



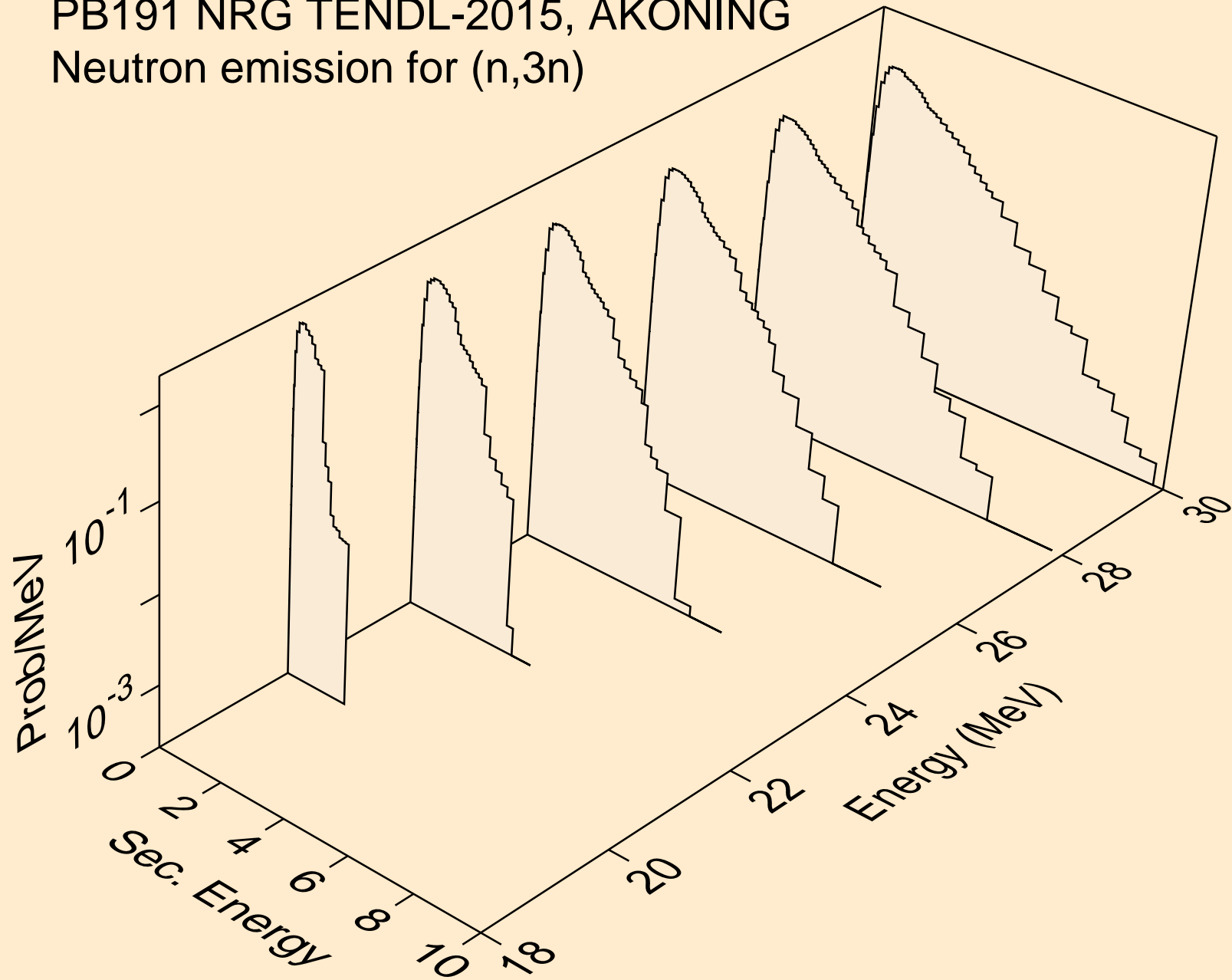
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

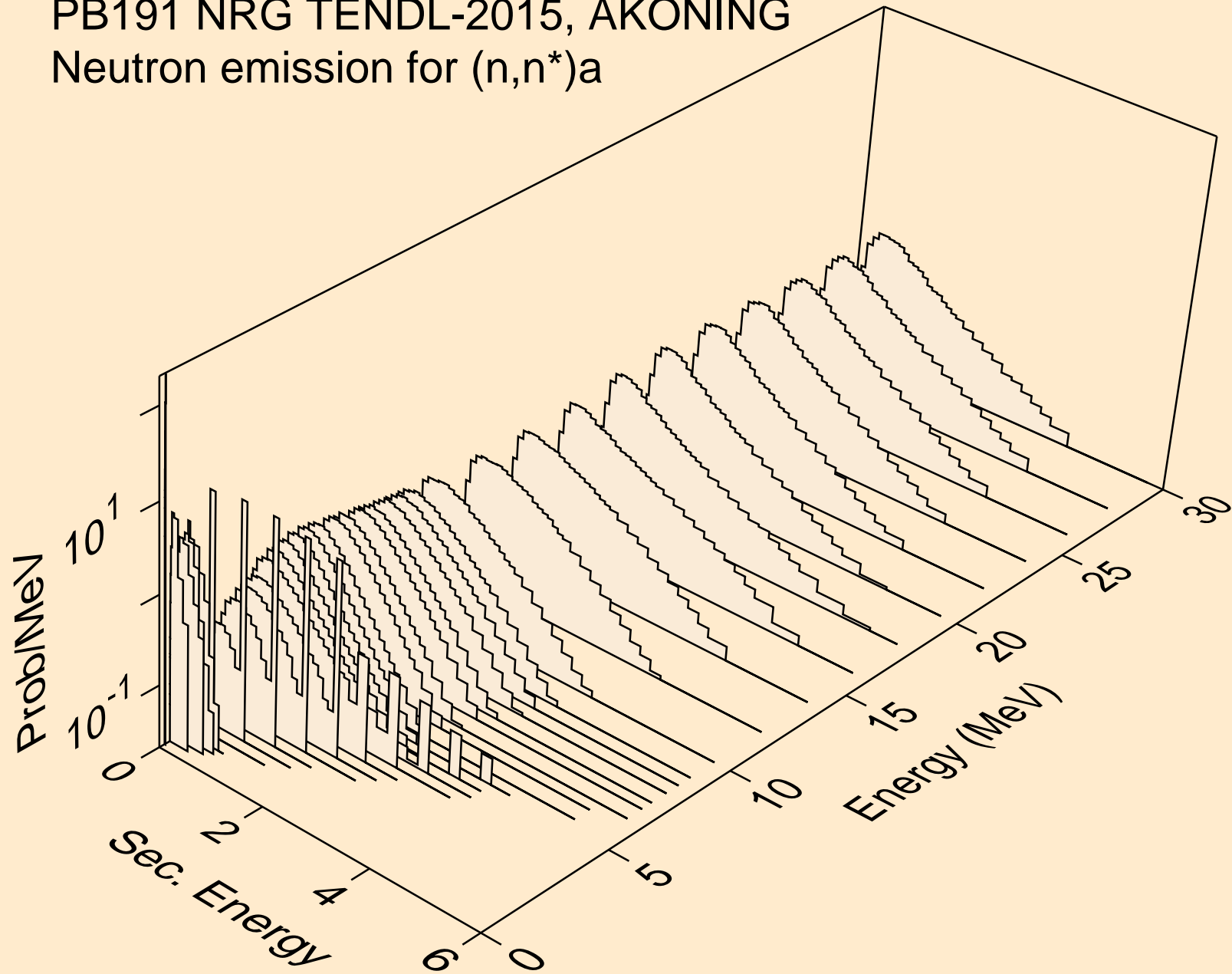


PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

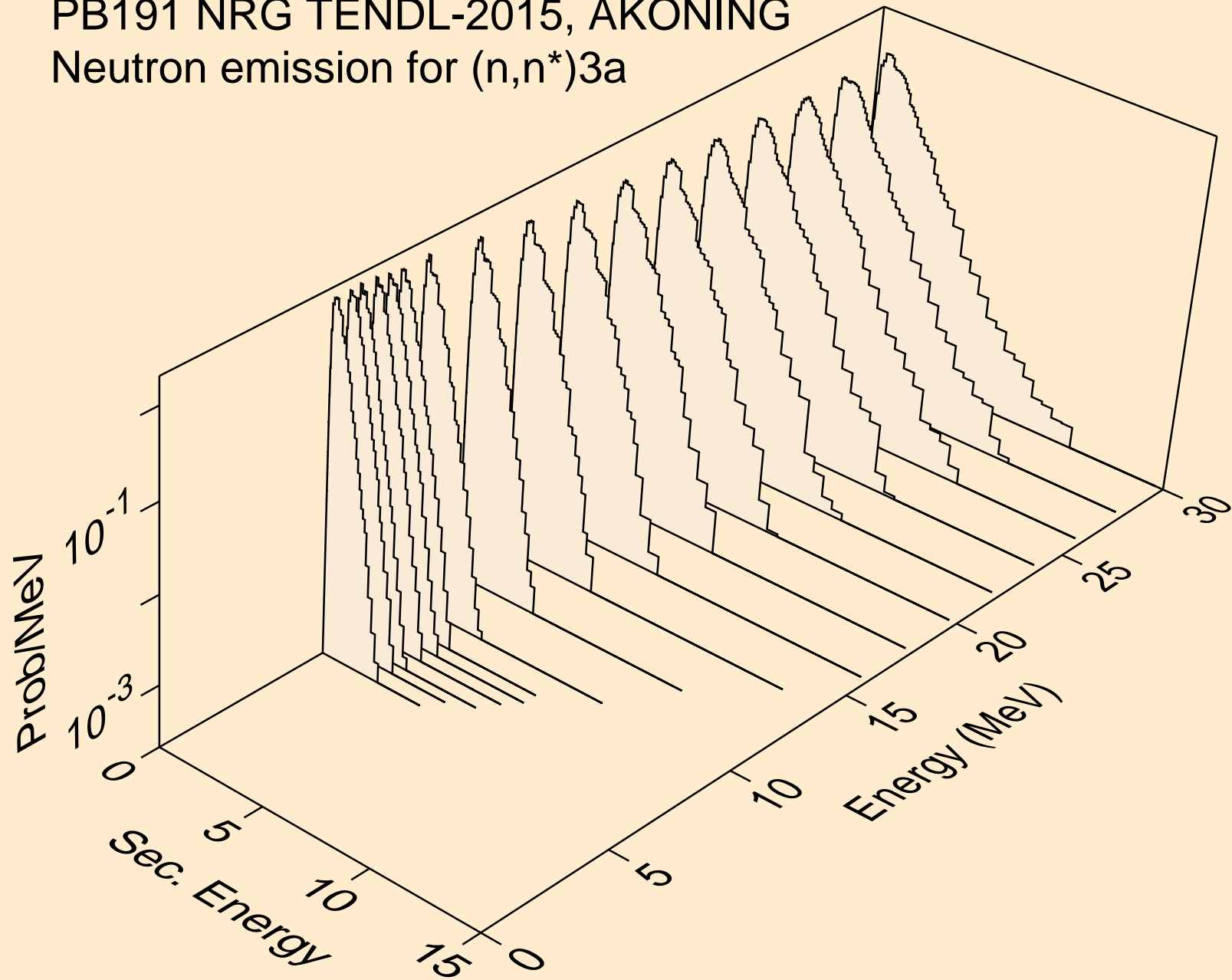




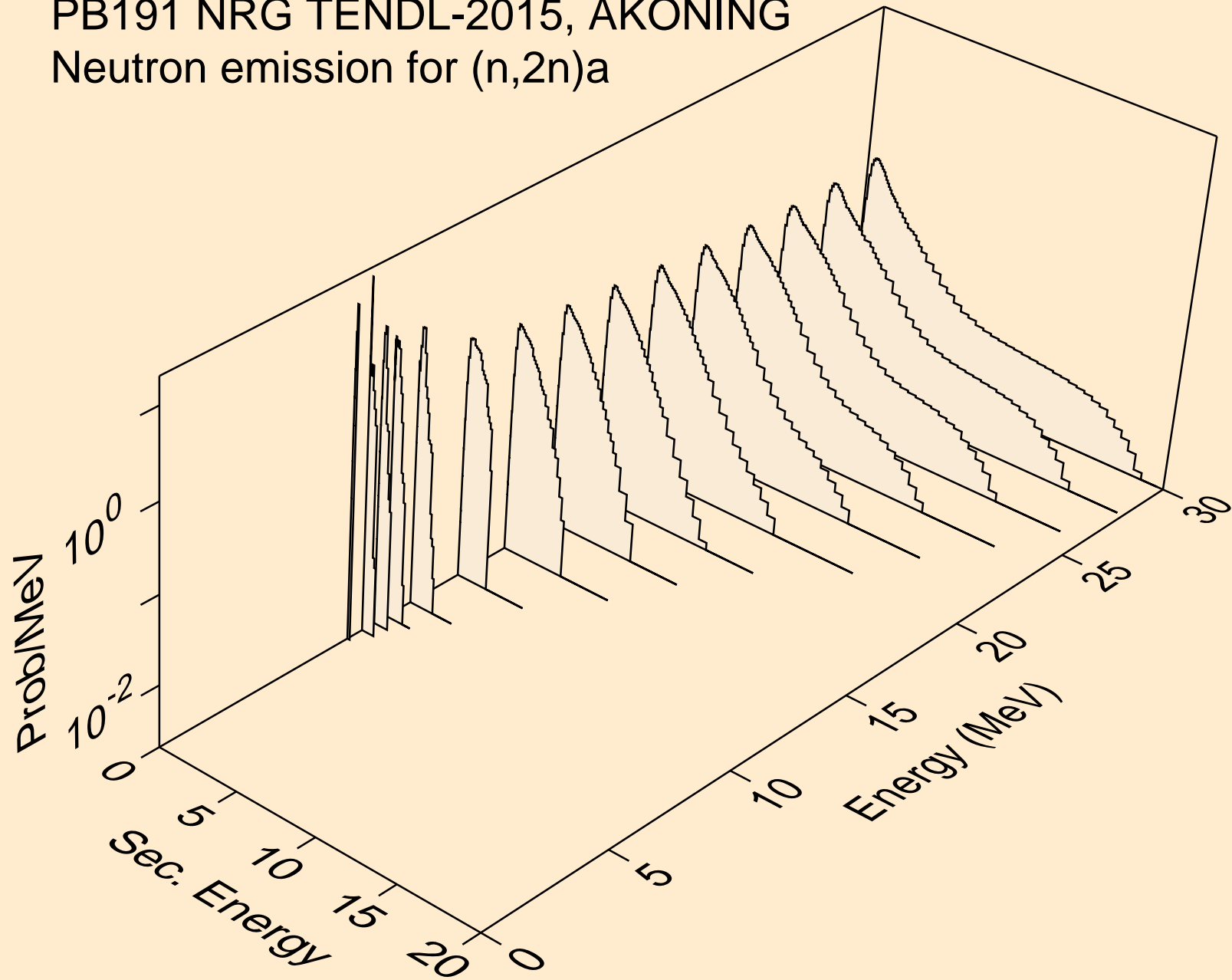
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



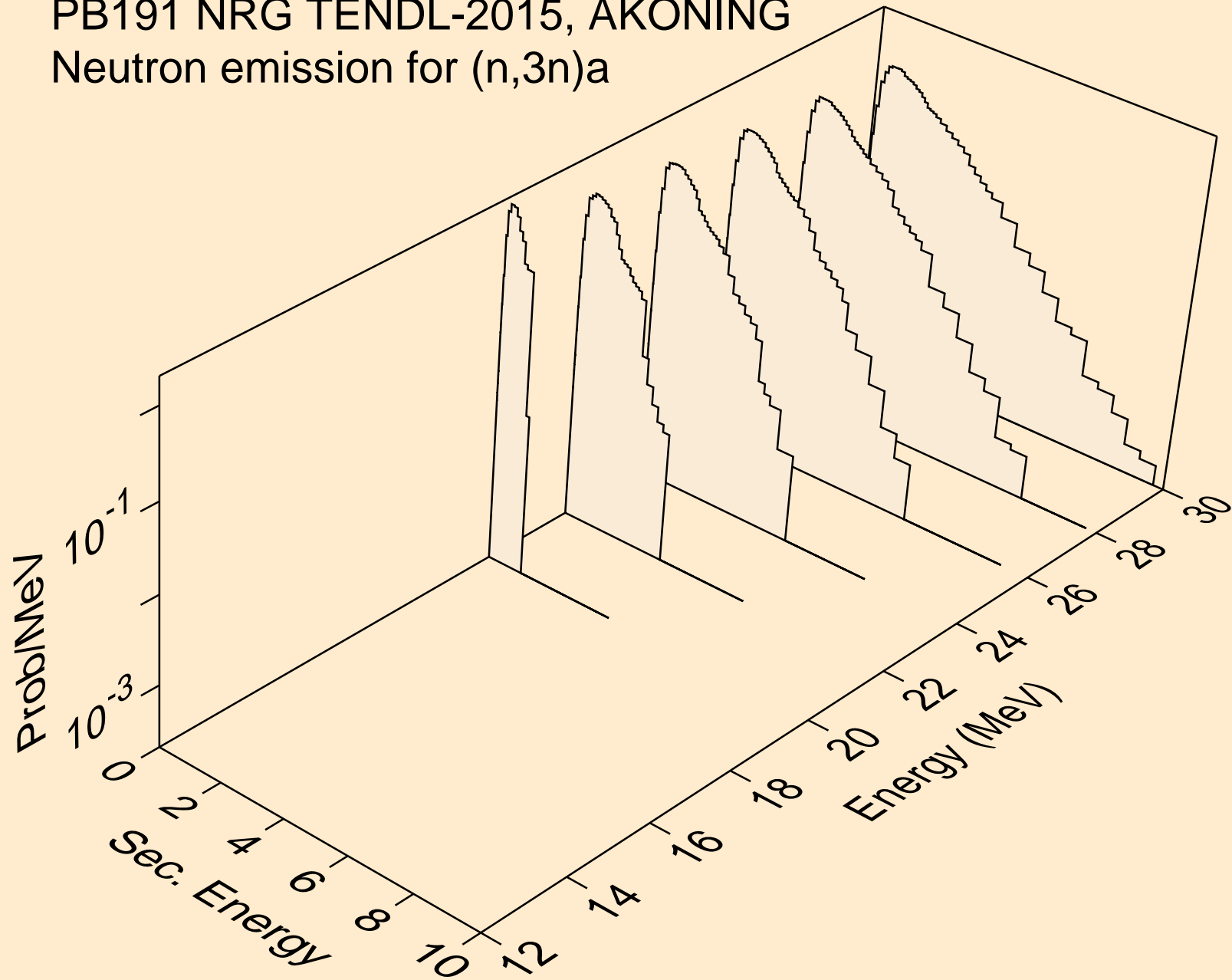
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



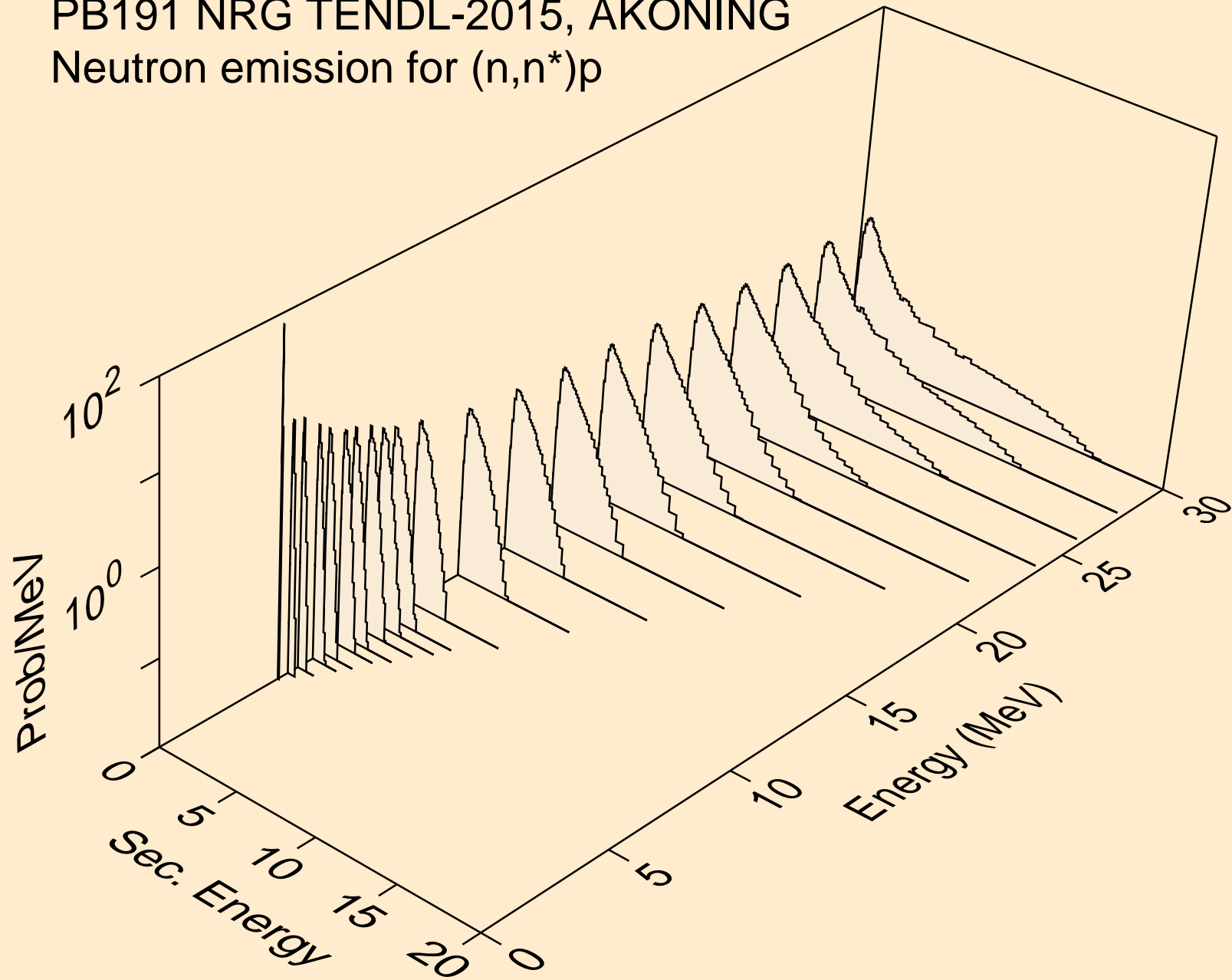
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



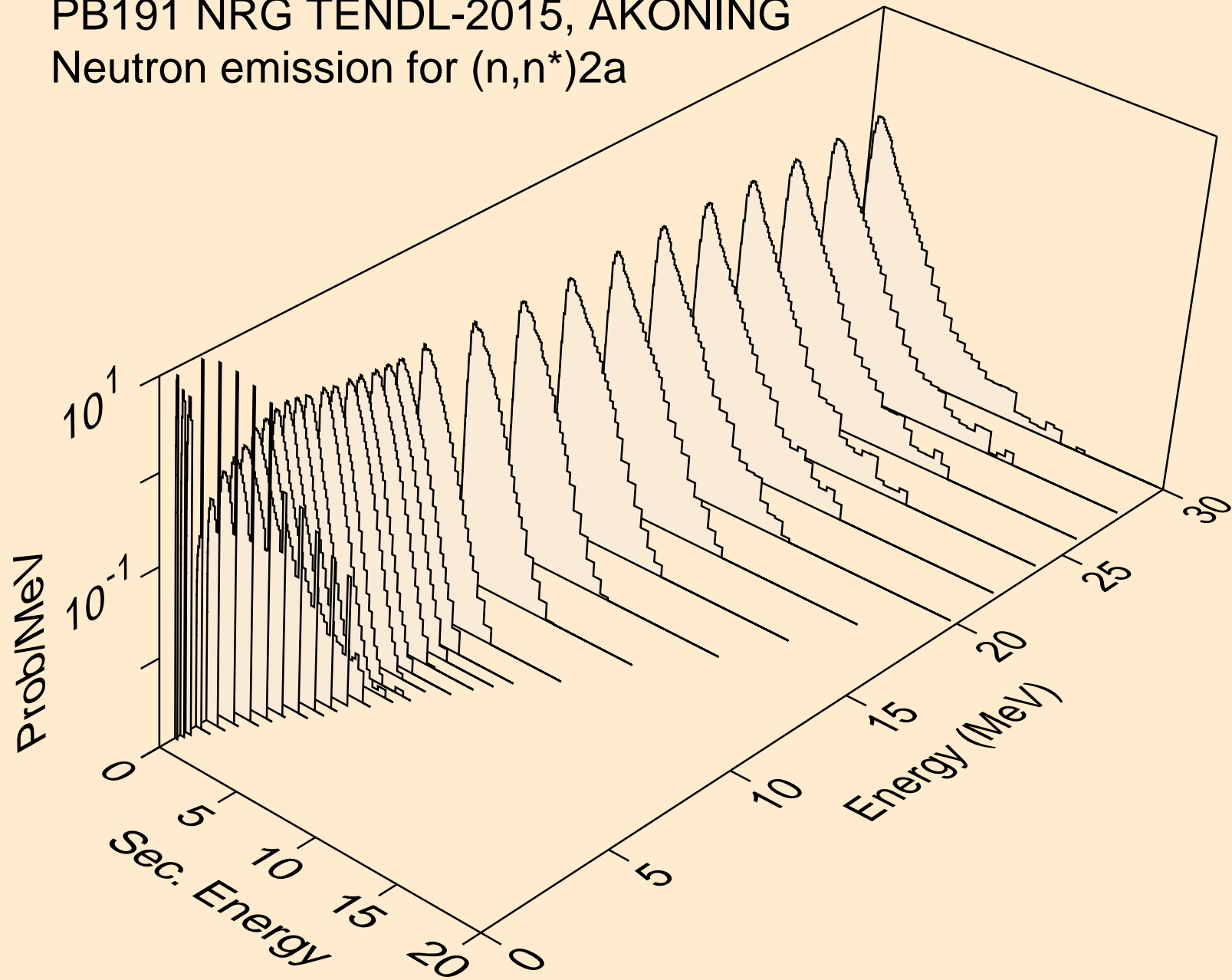
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



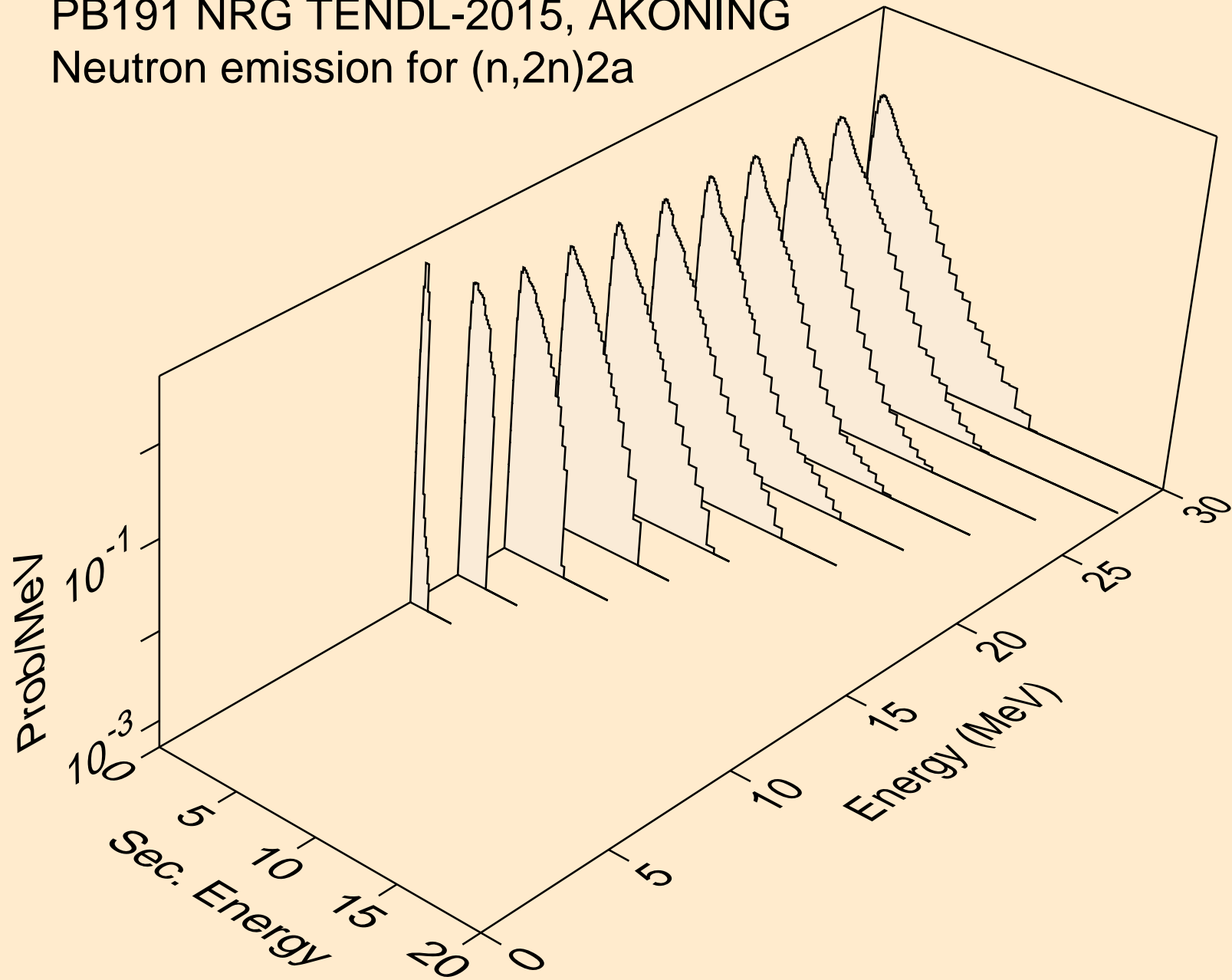
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



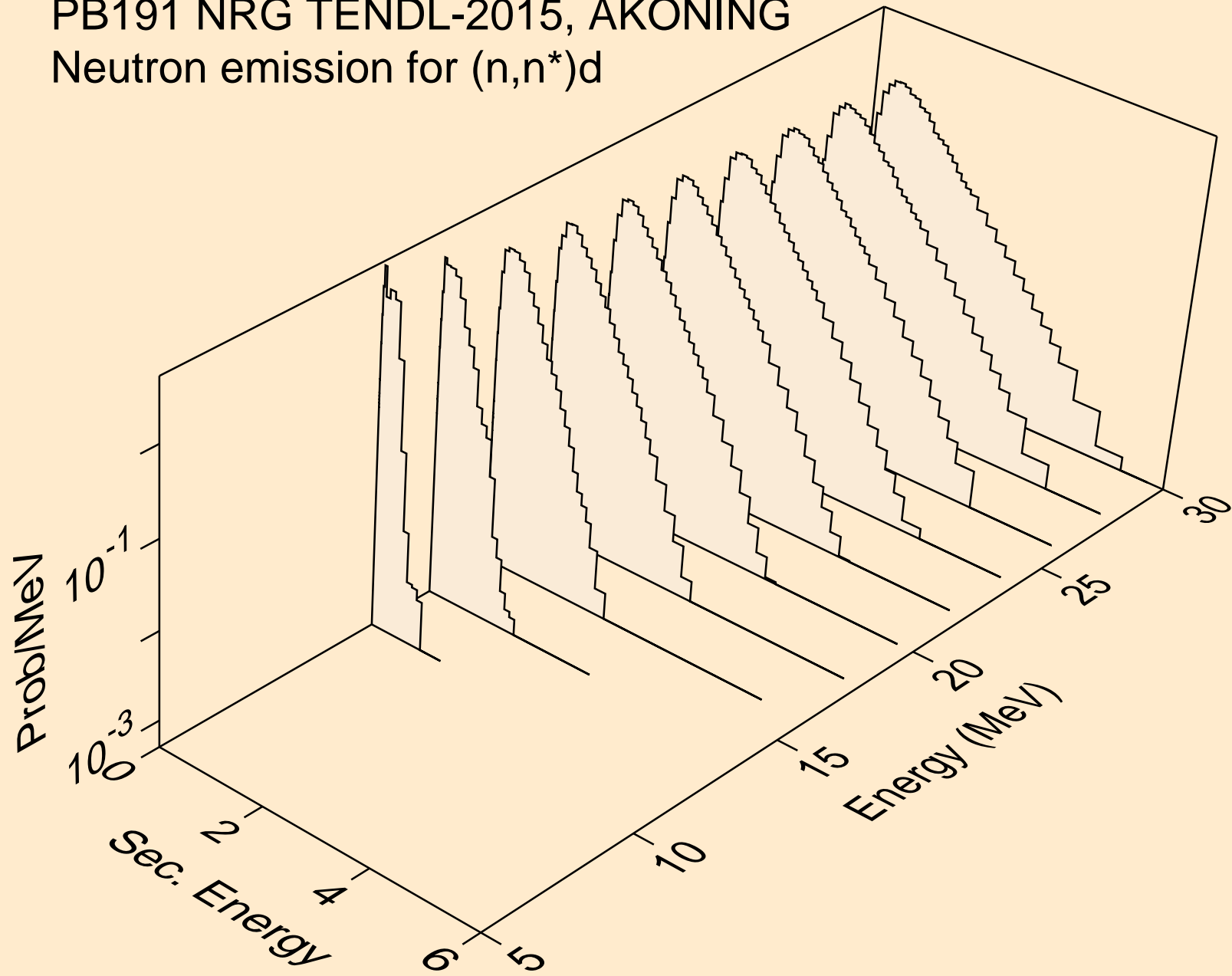
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

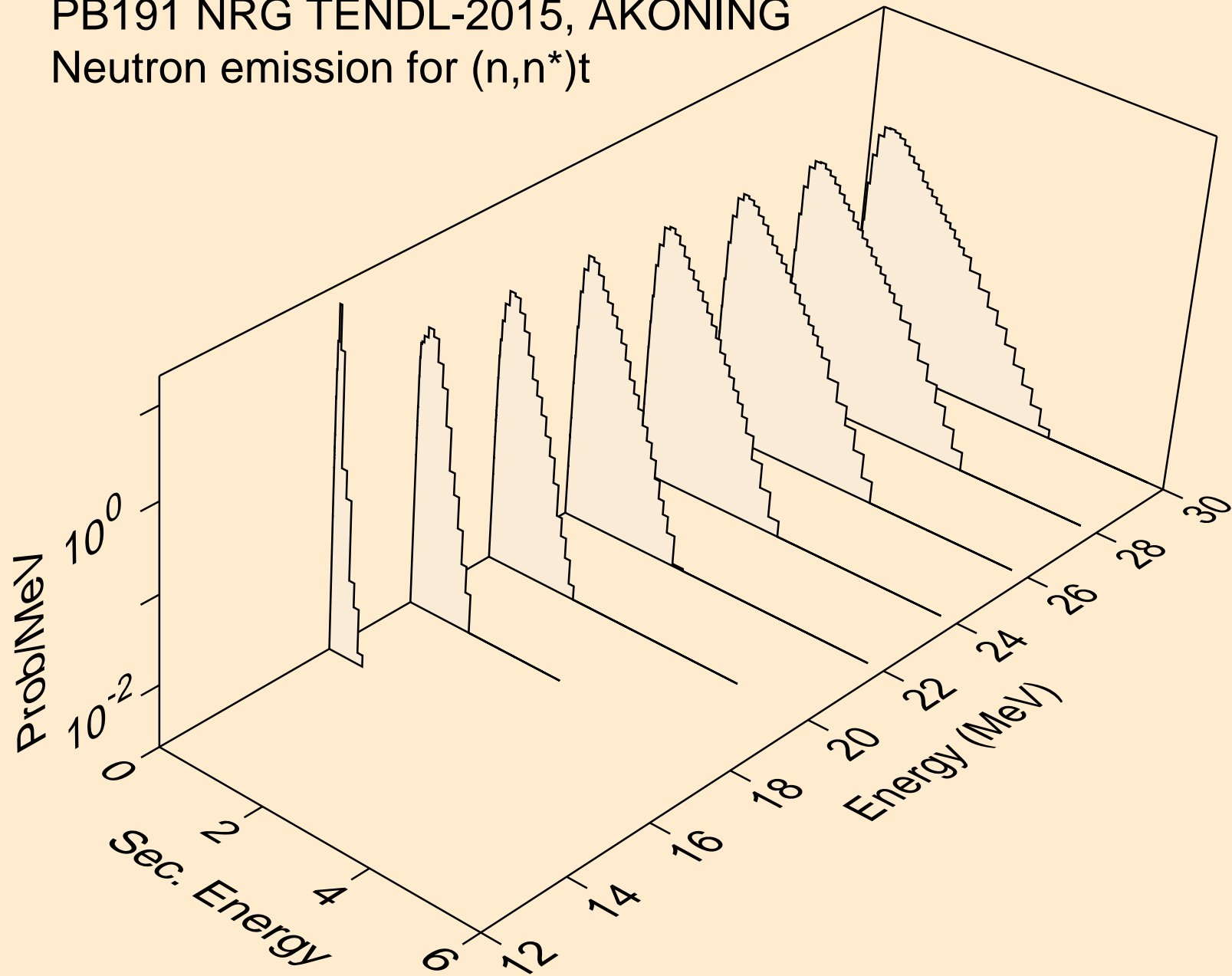


PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

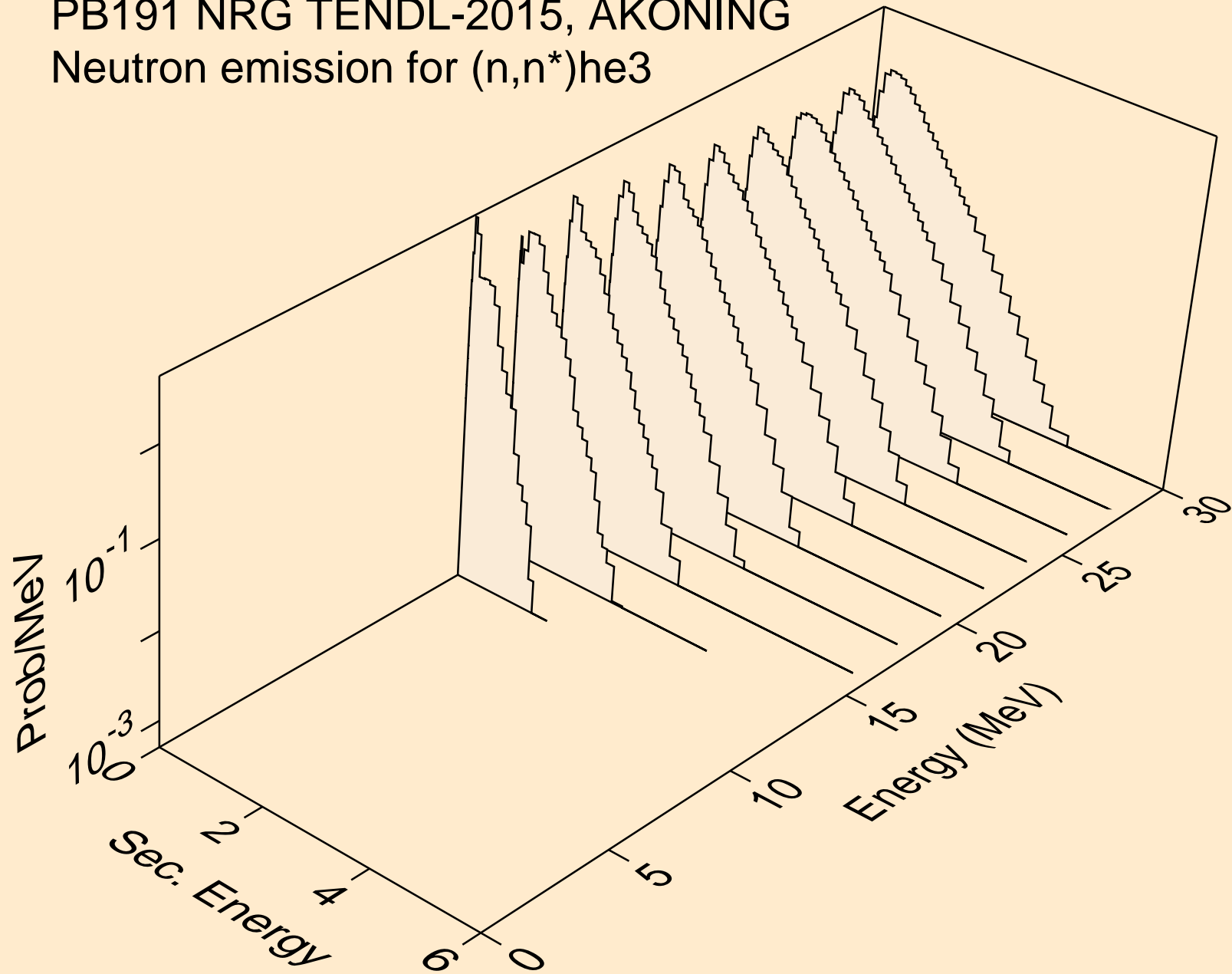




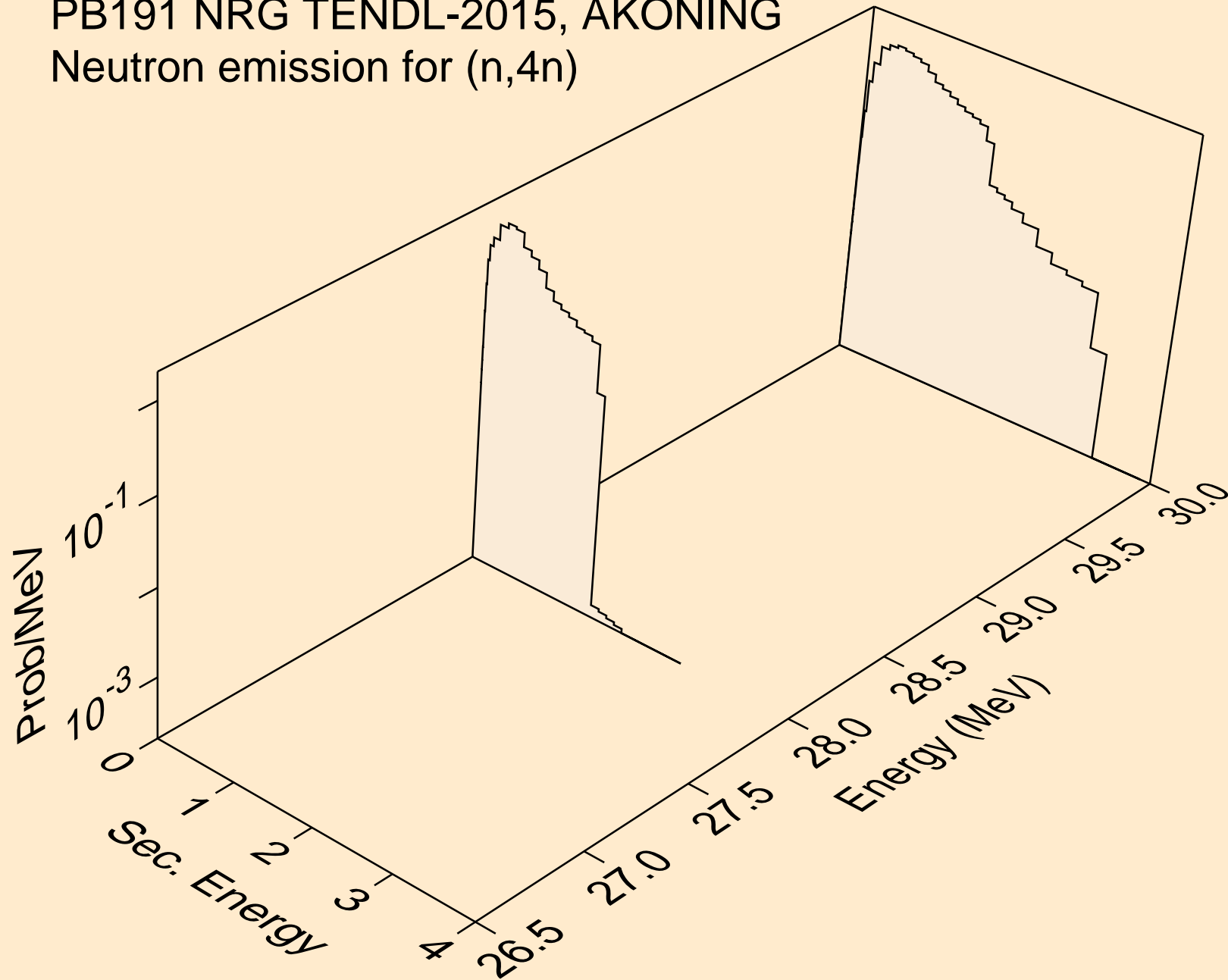
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



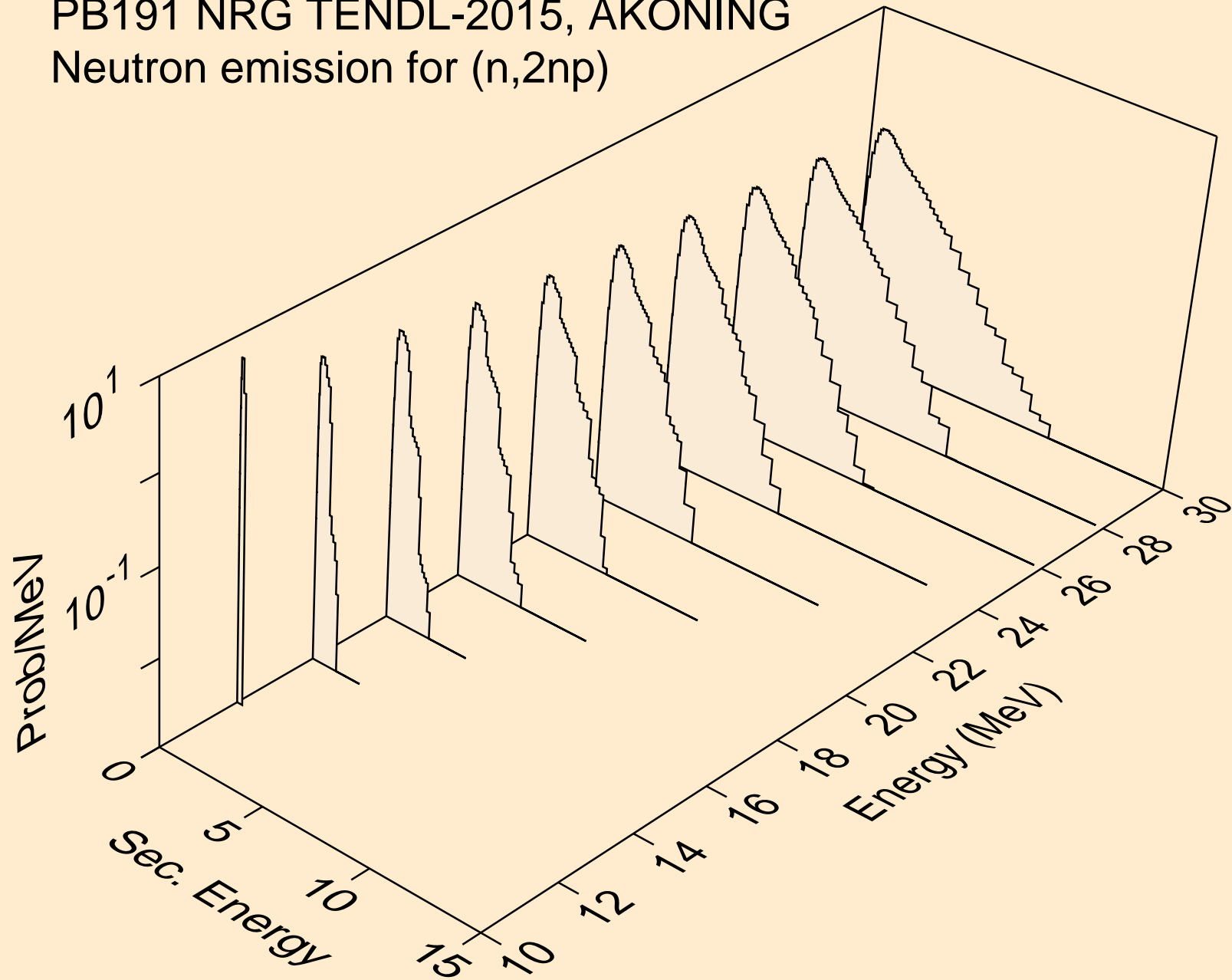
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



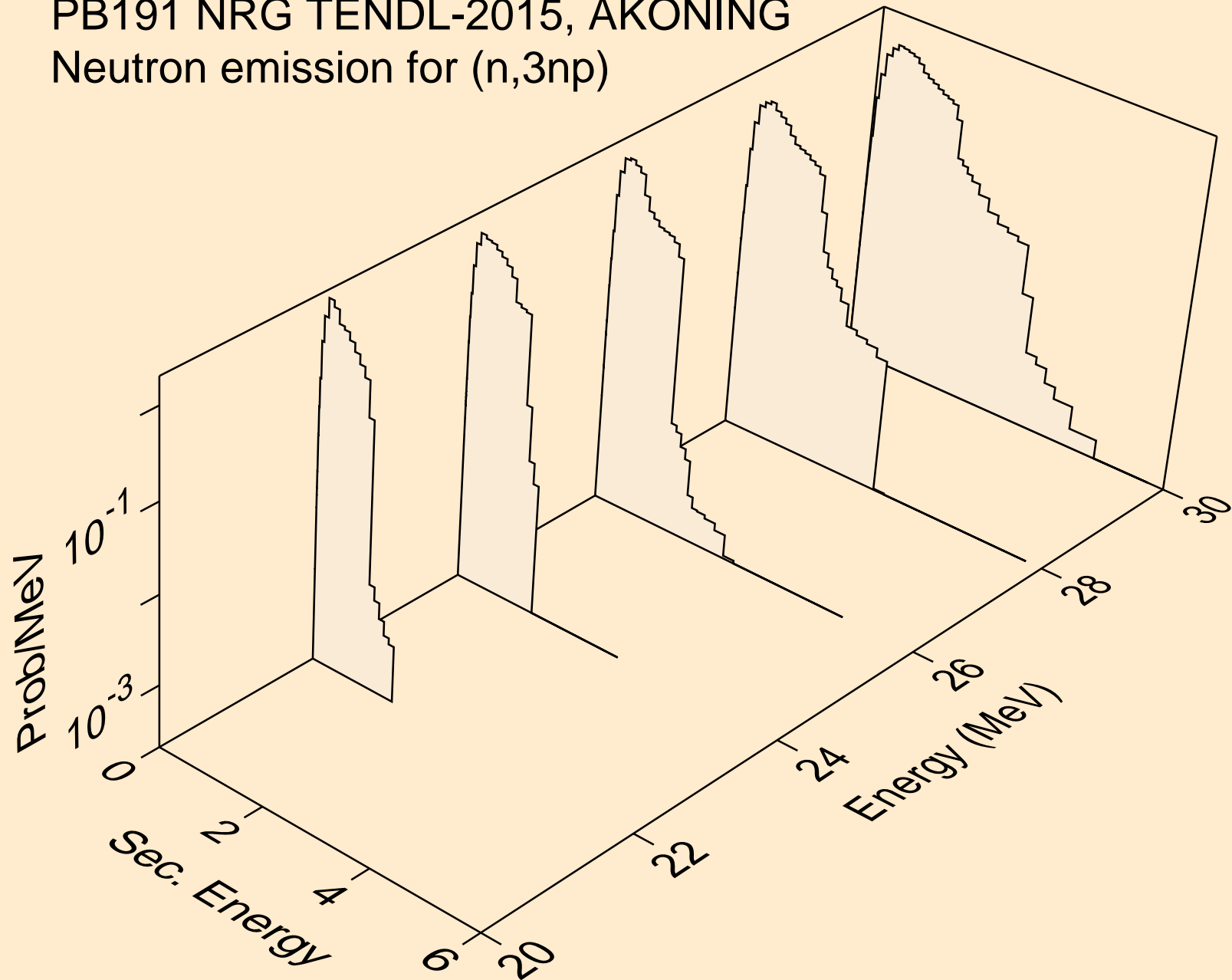
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



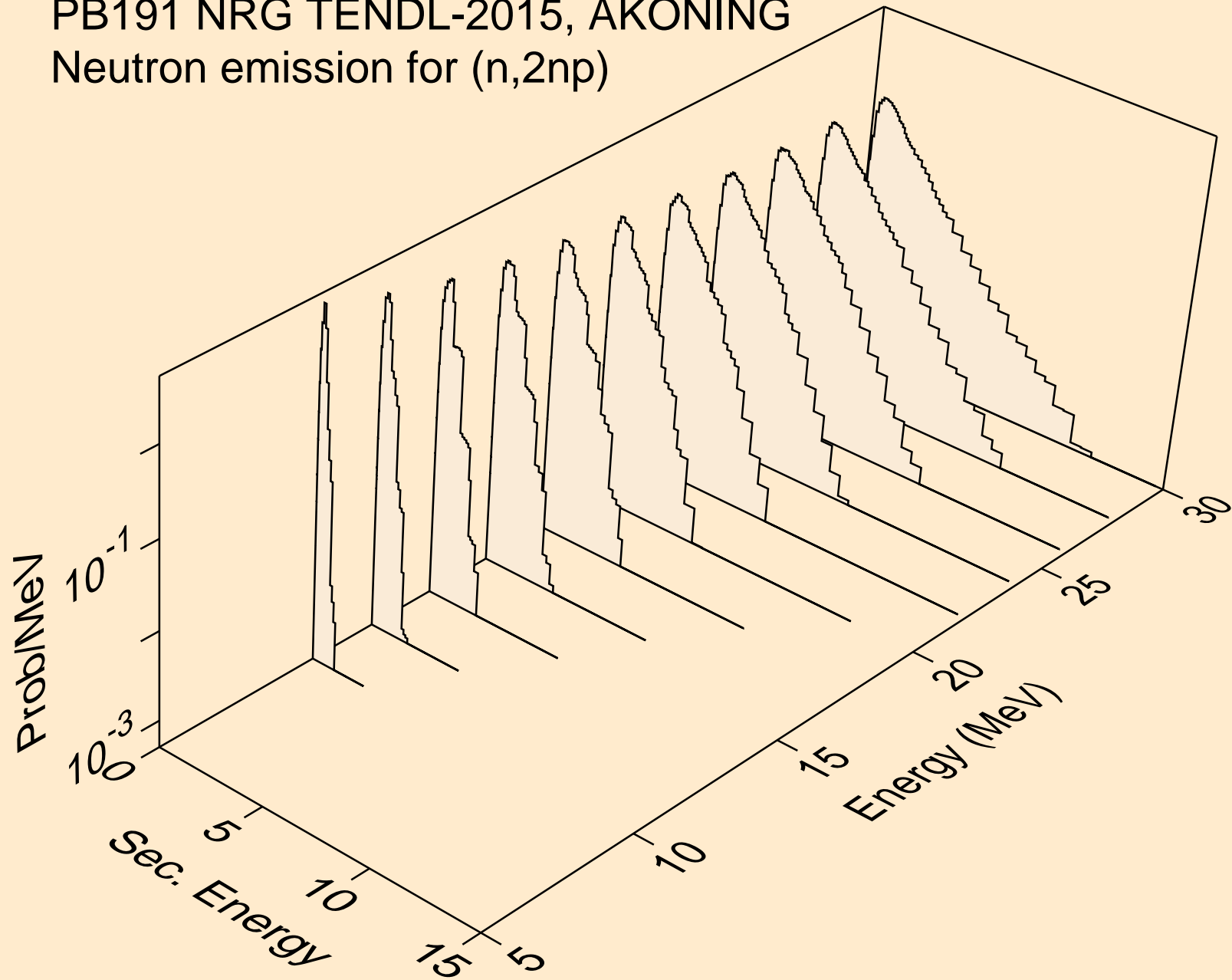
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



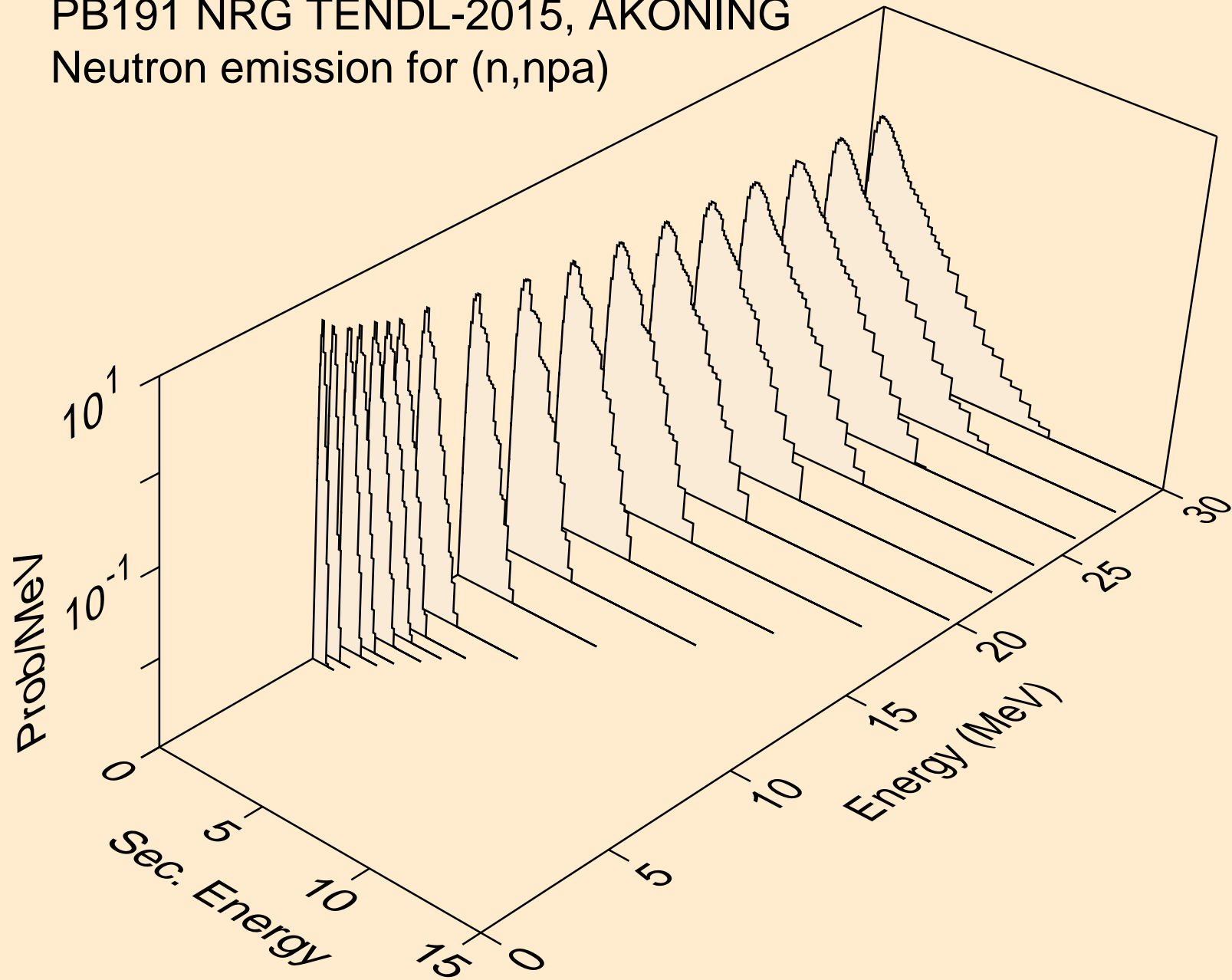
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



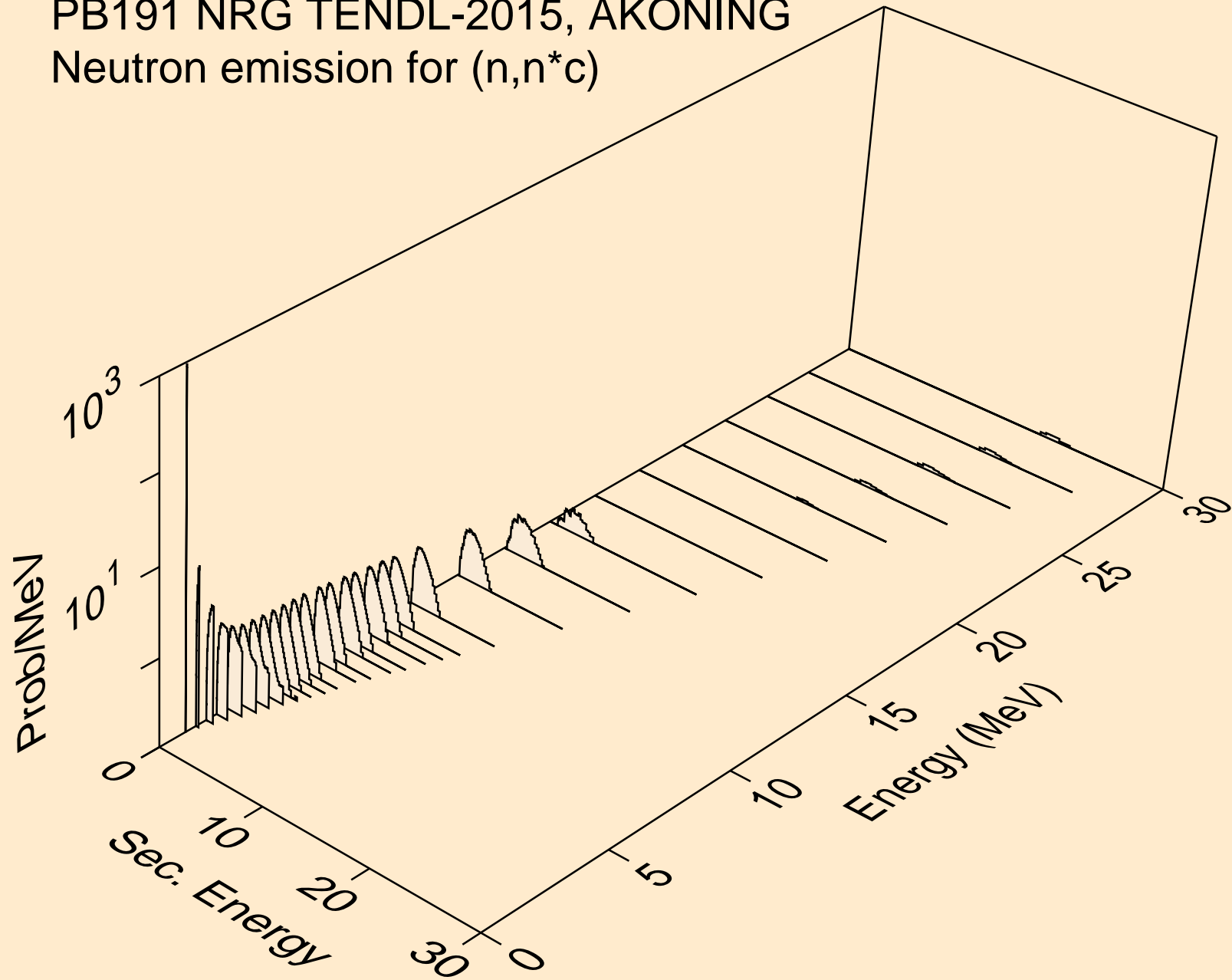
PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

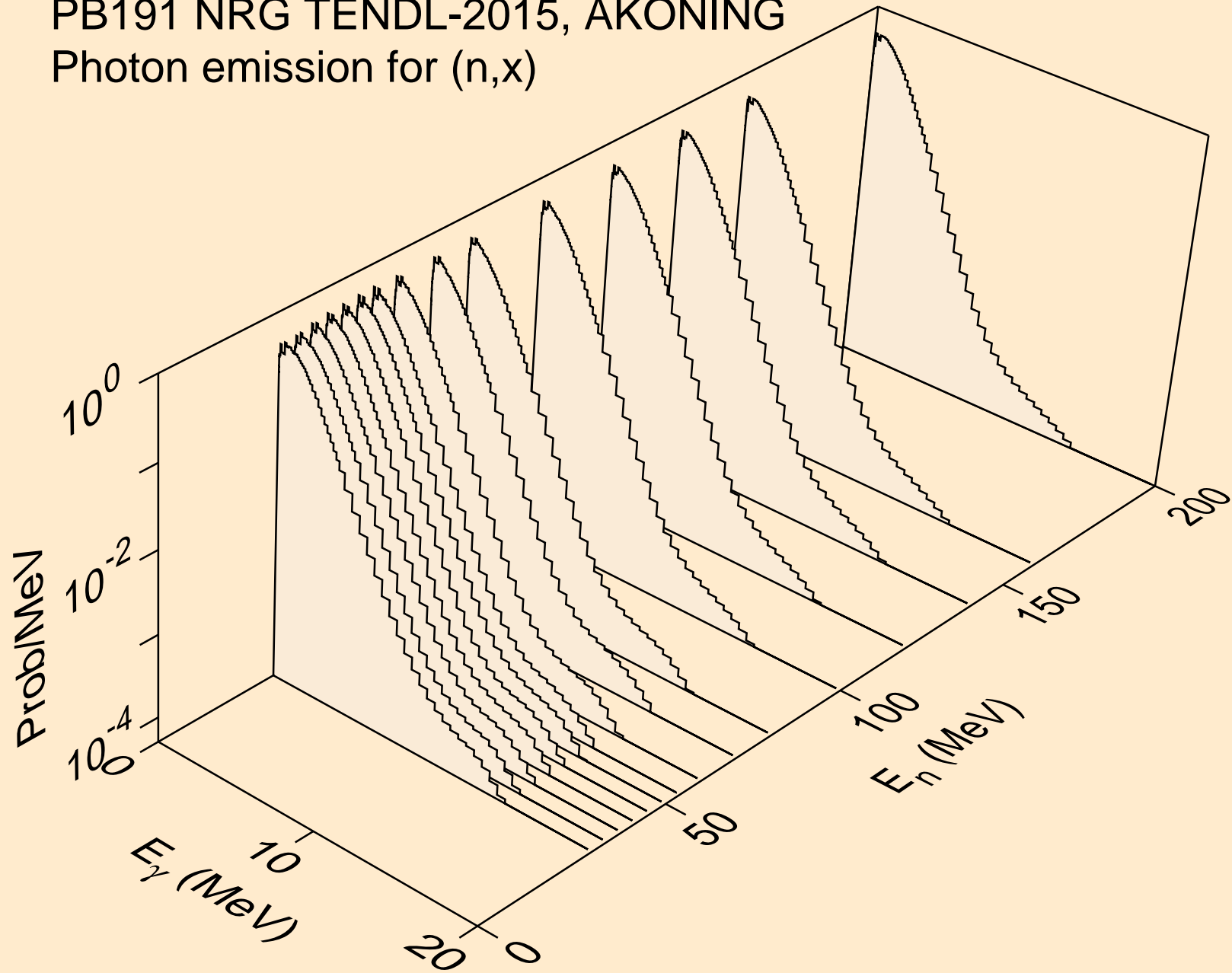


PB191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

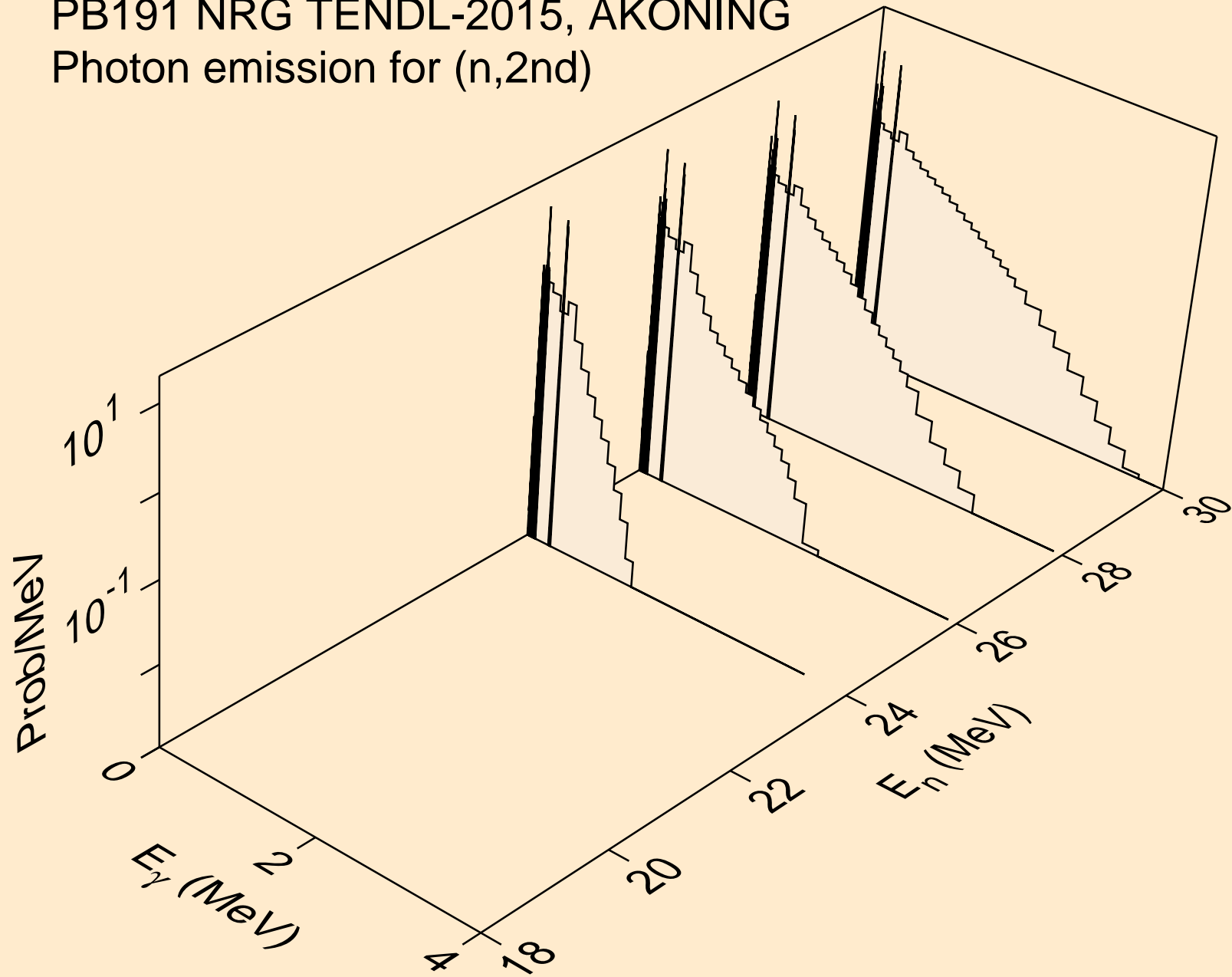




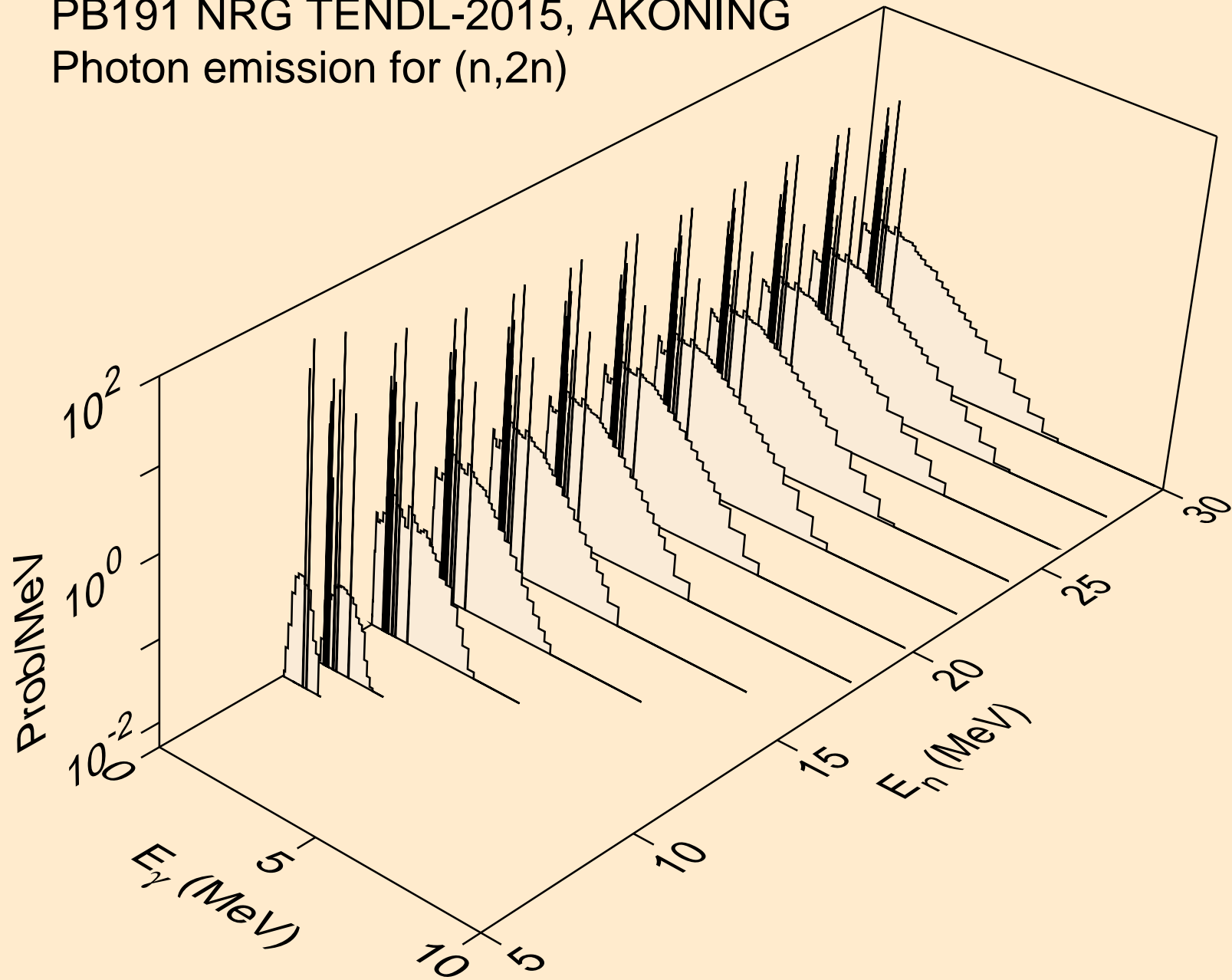
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



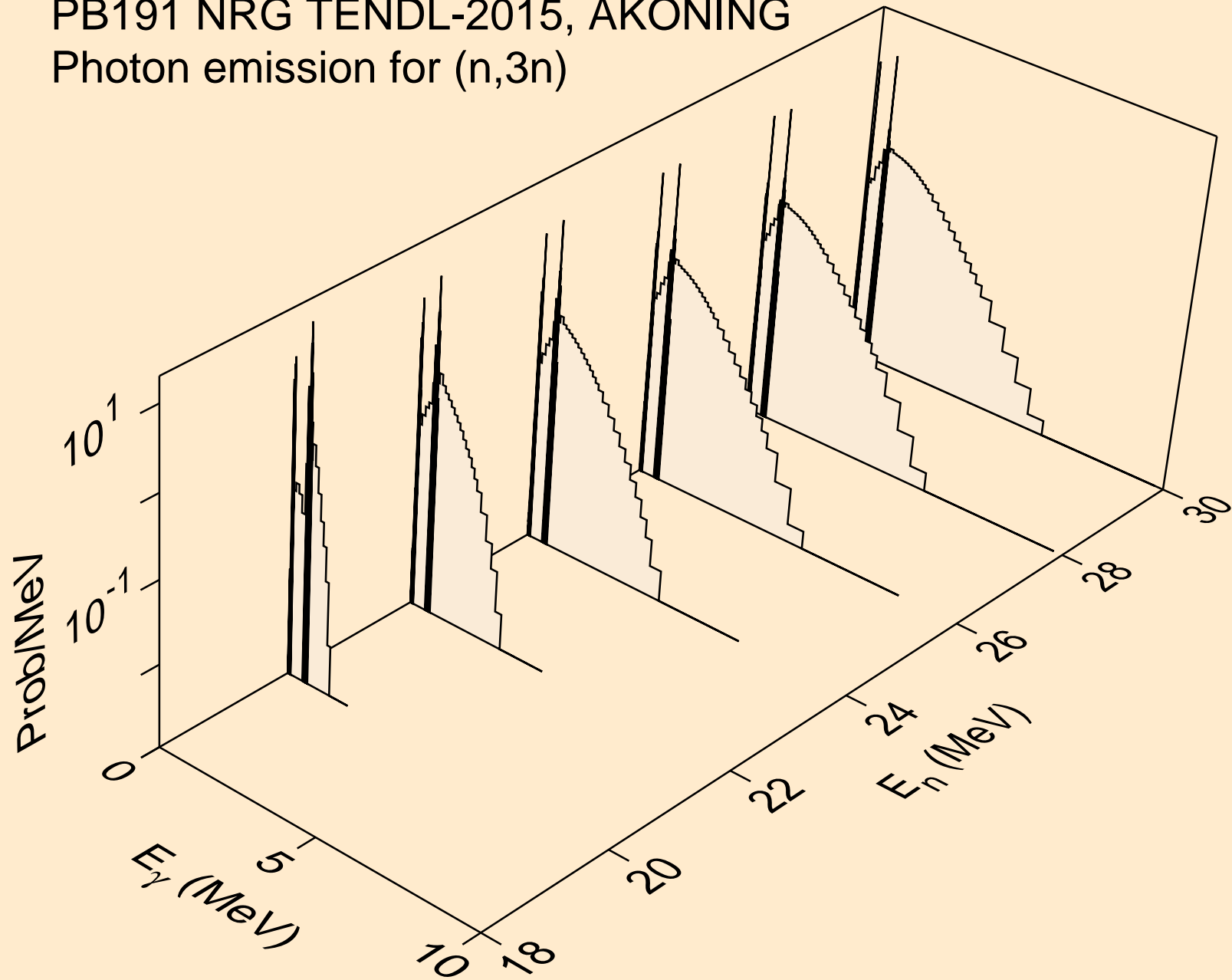
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



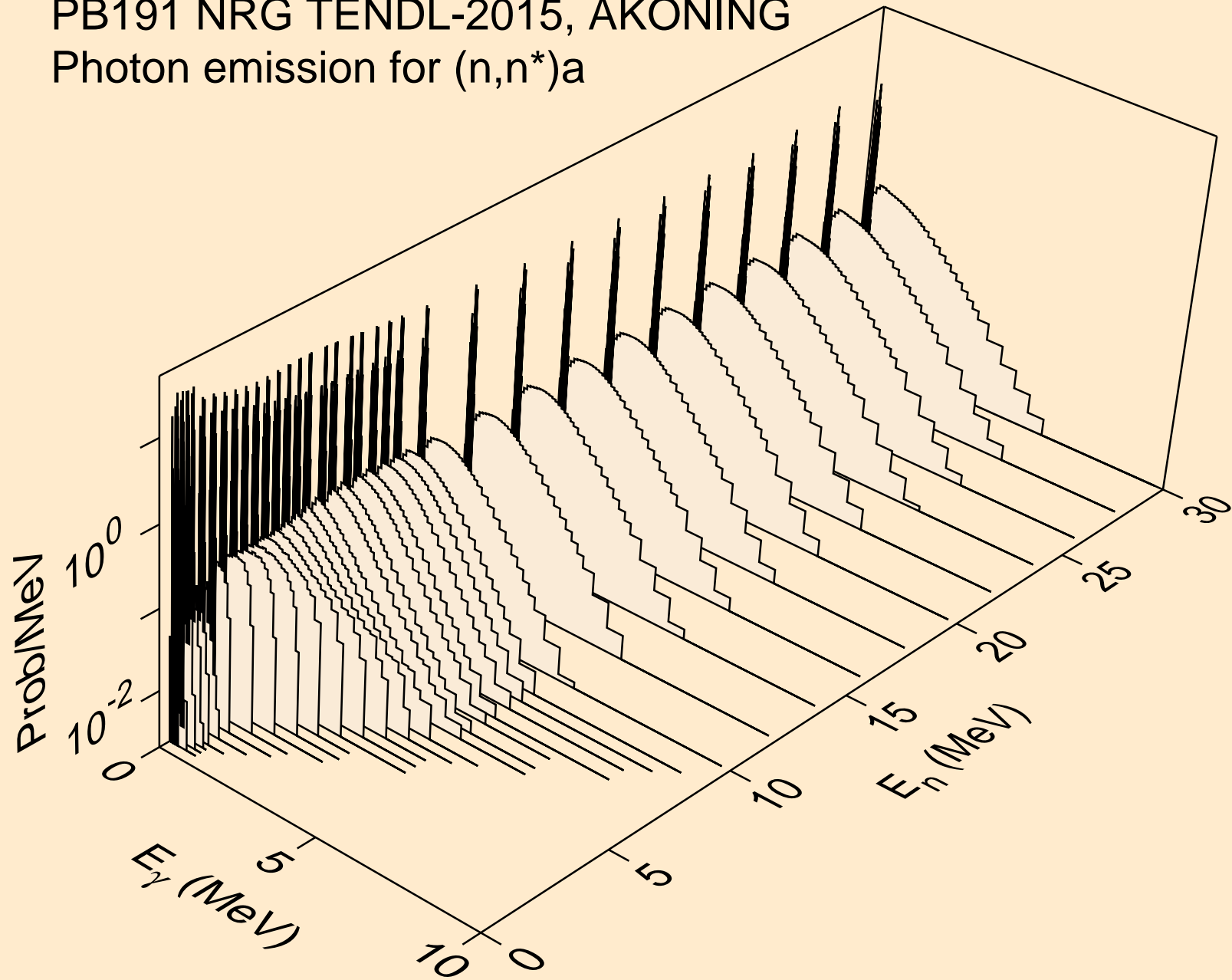
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



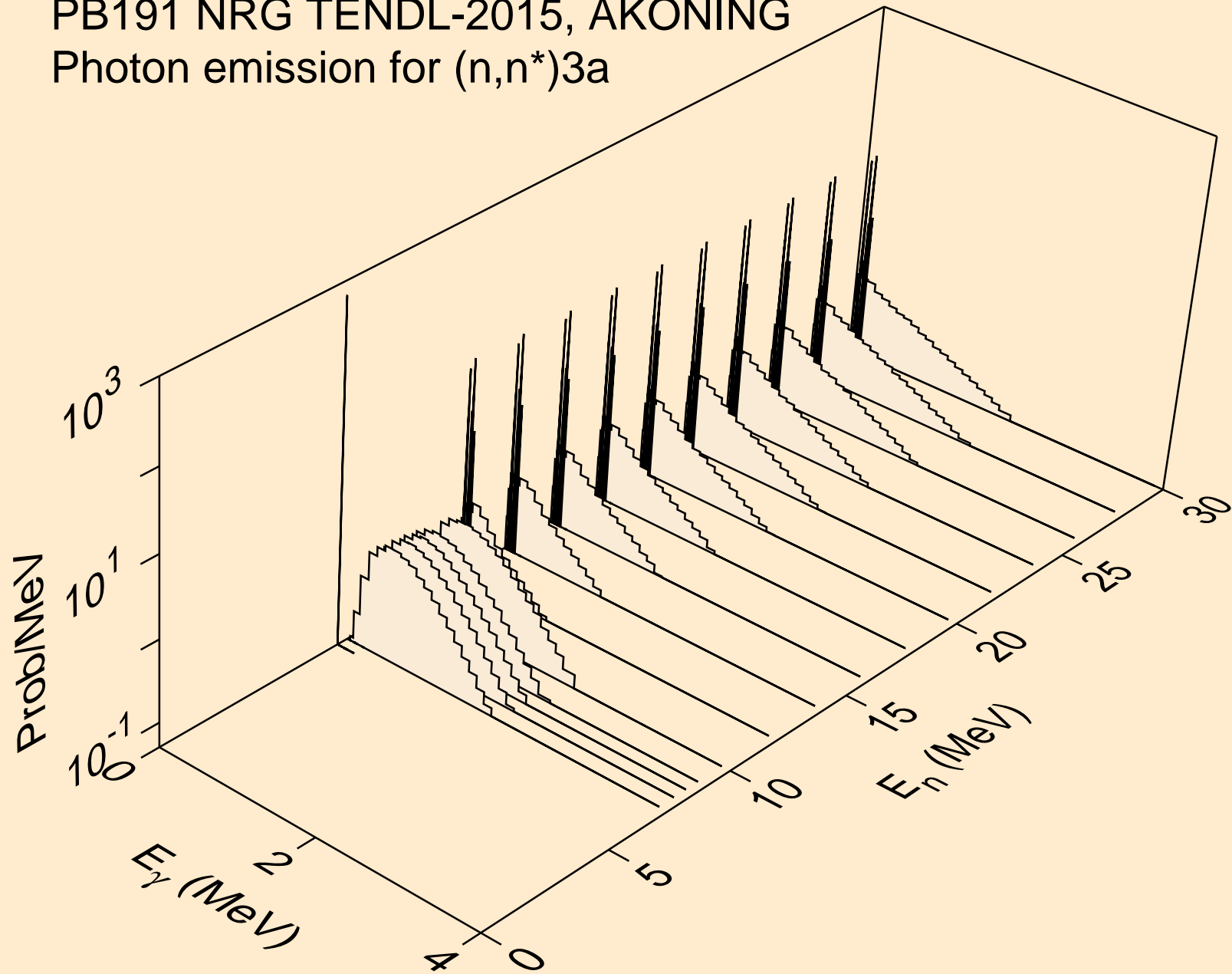
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



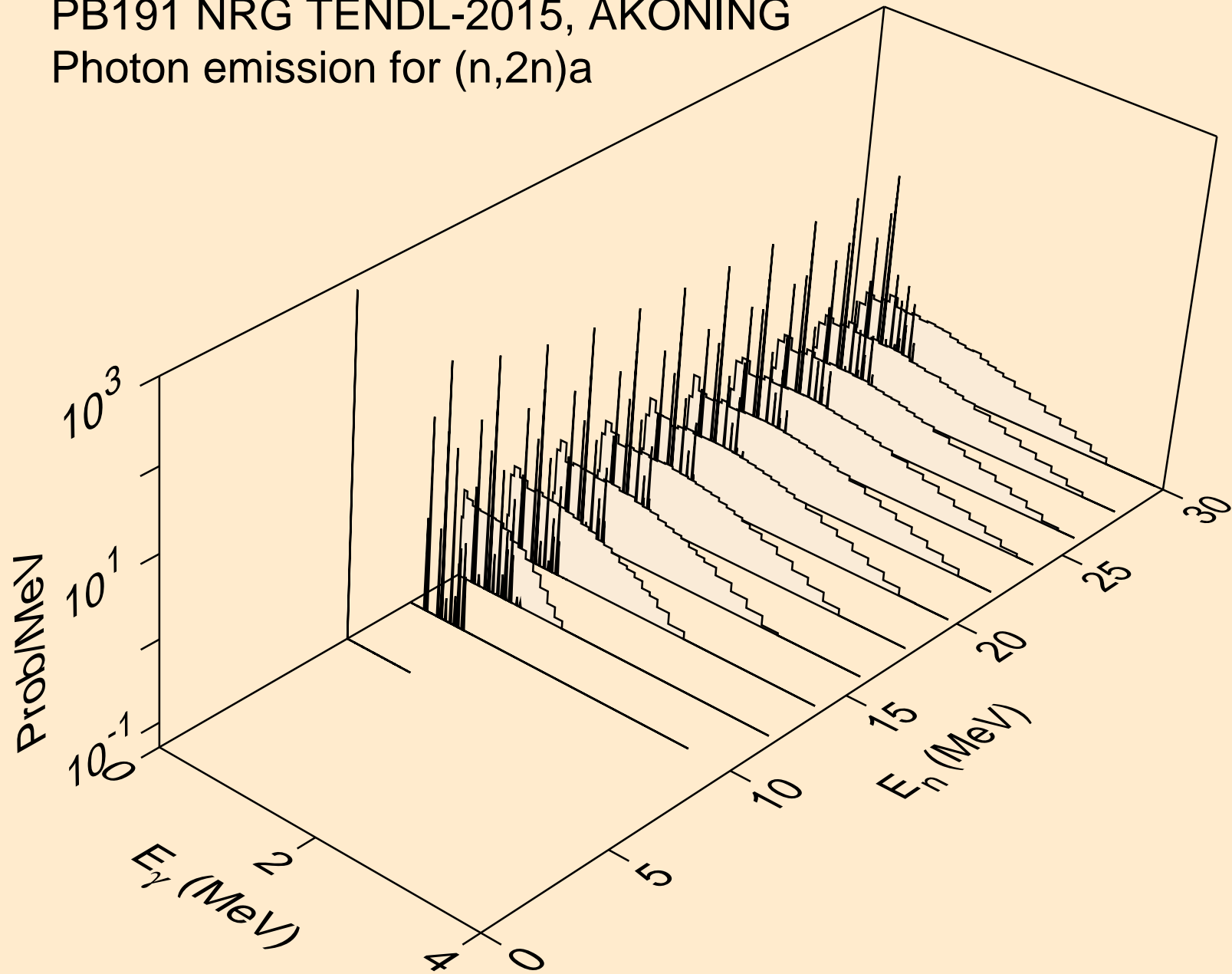
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



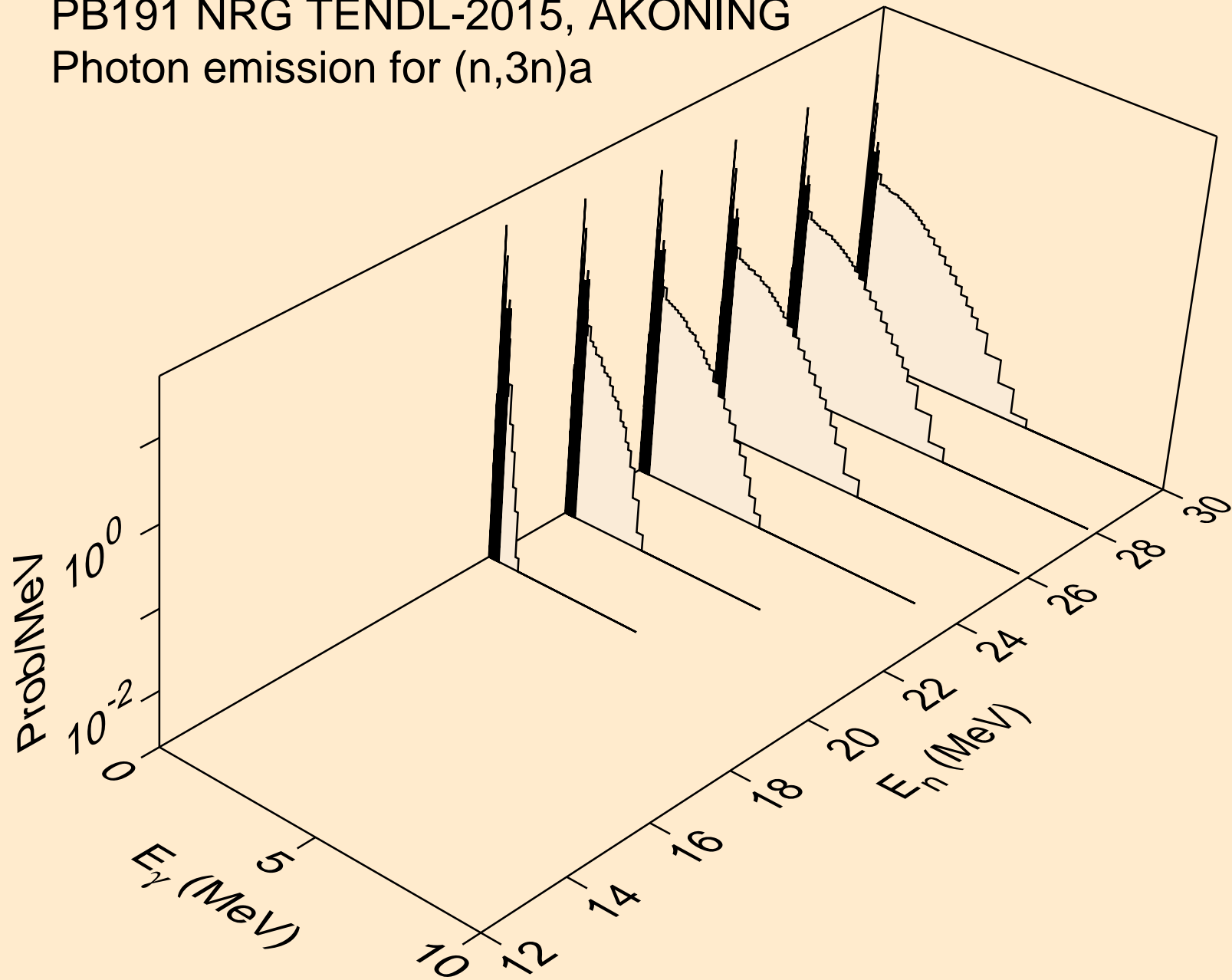
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

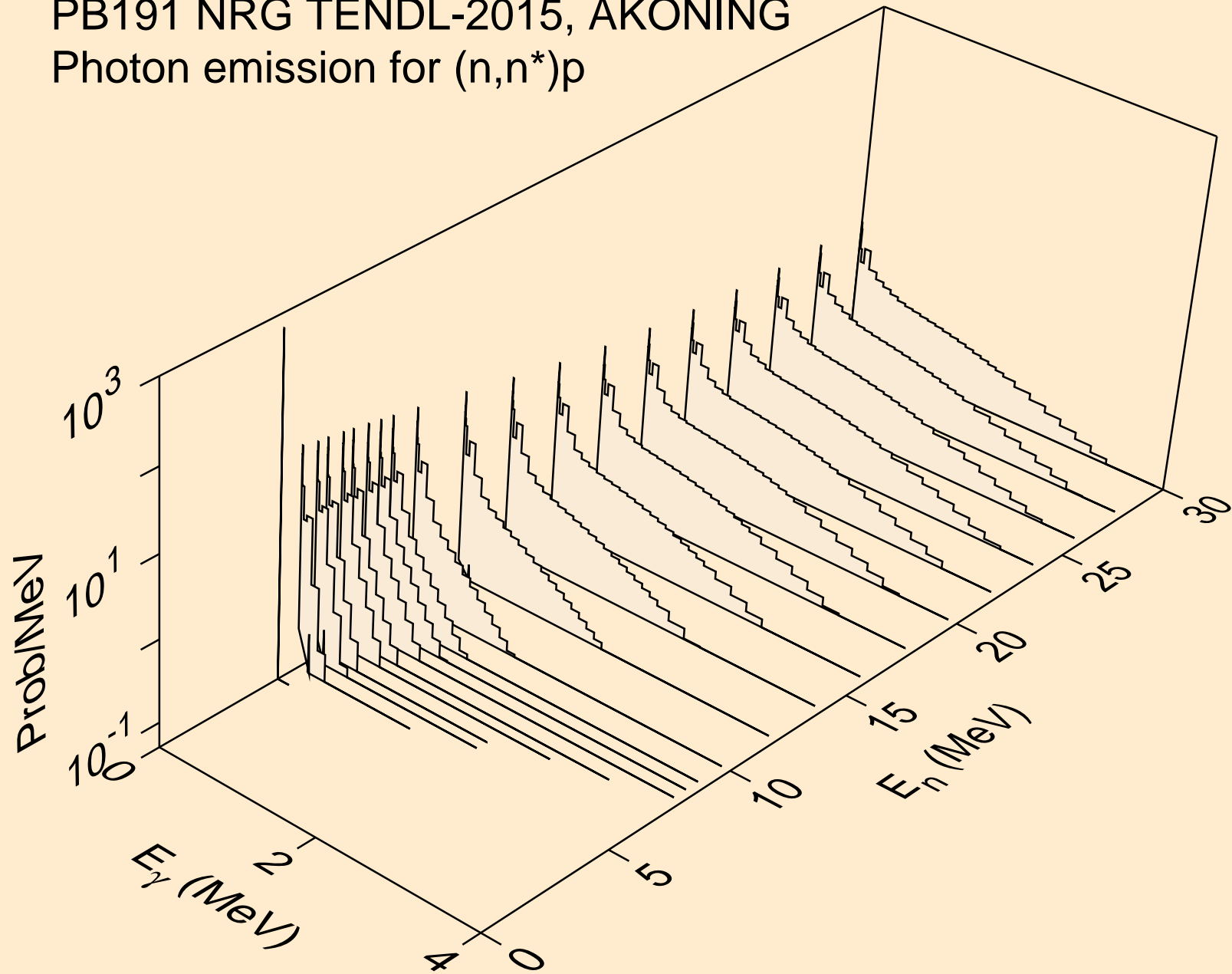


PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,3n) $\alpha$

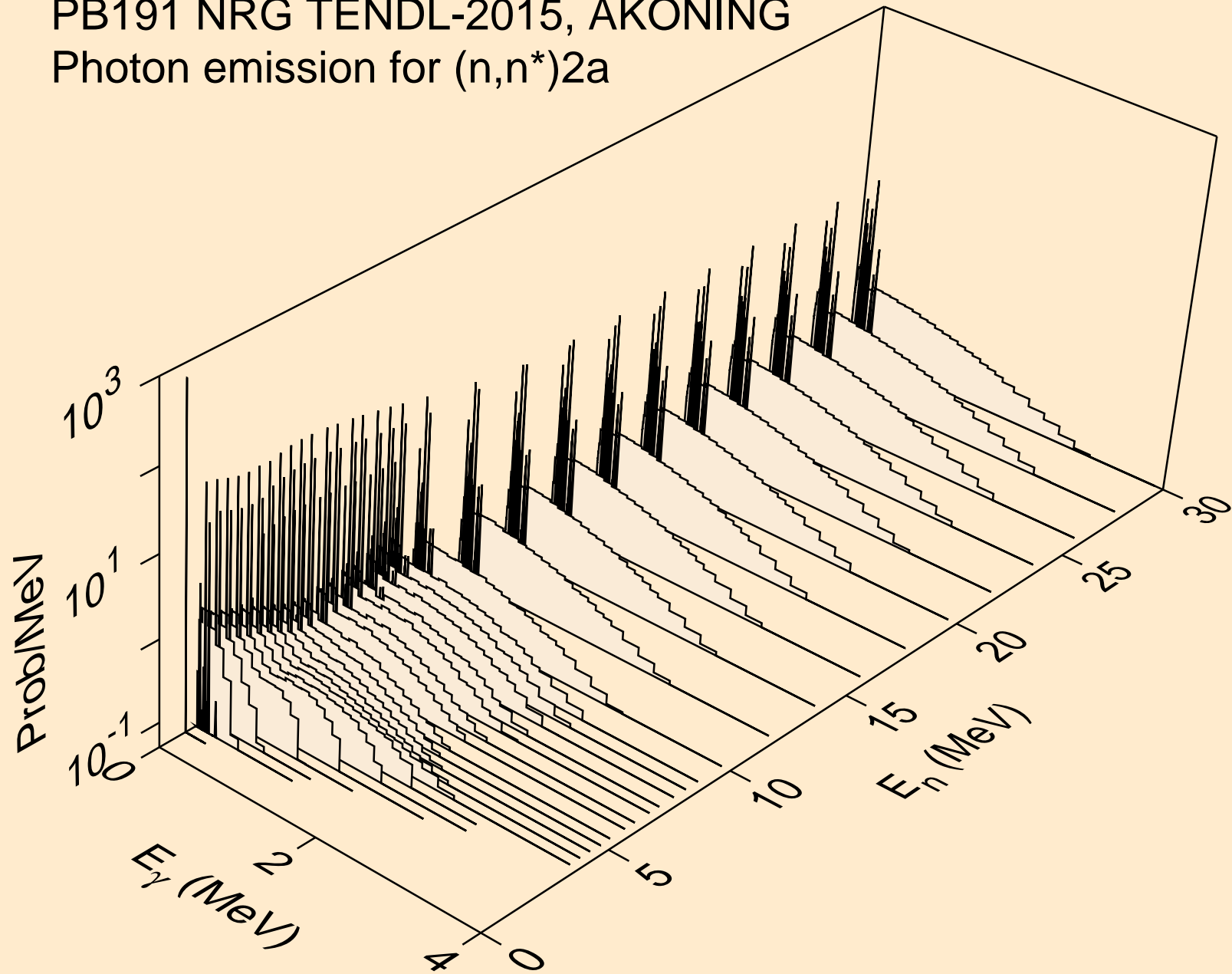




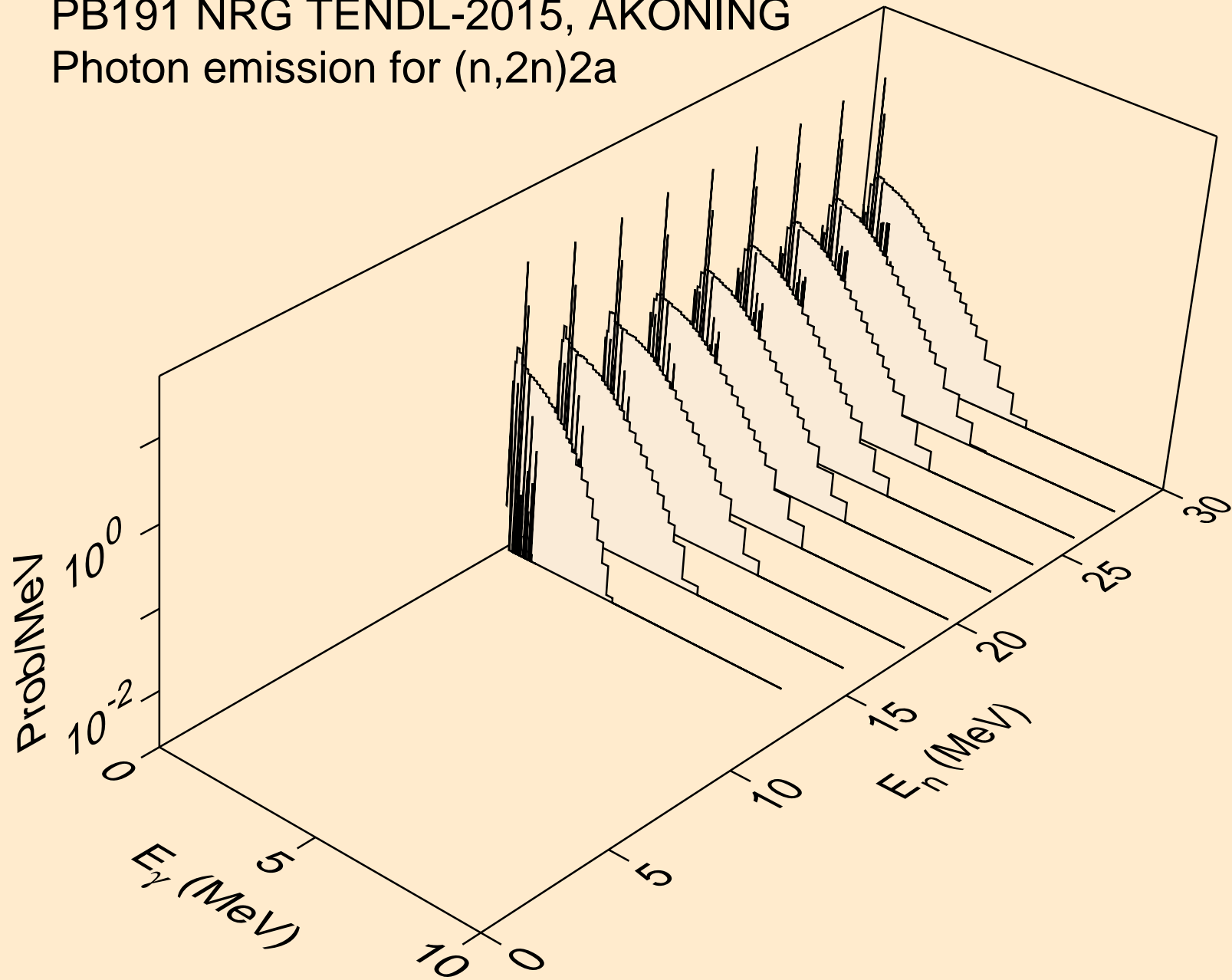
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



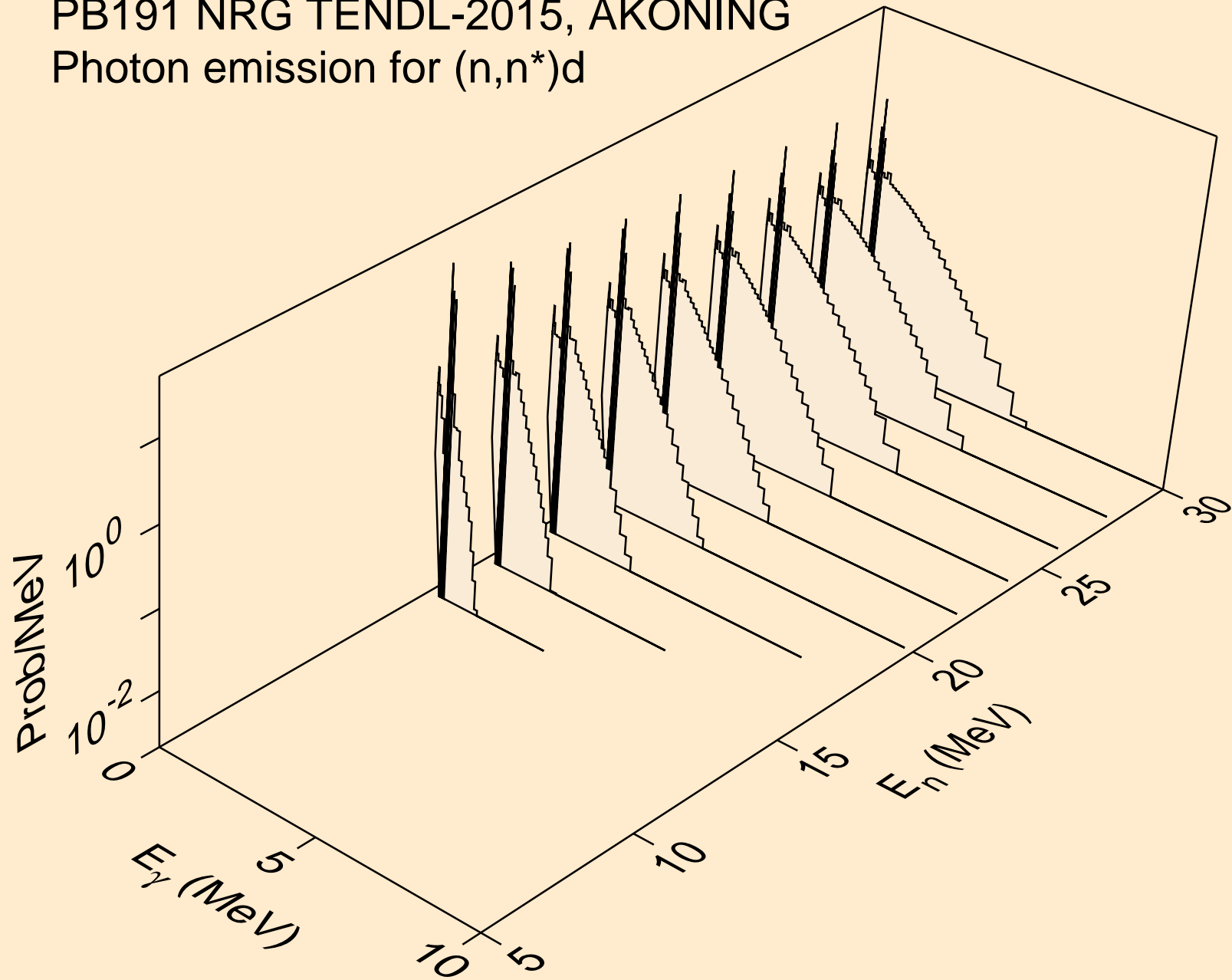
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



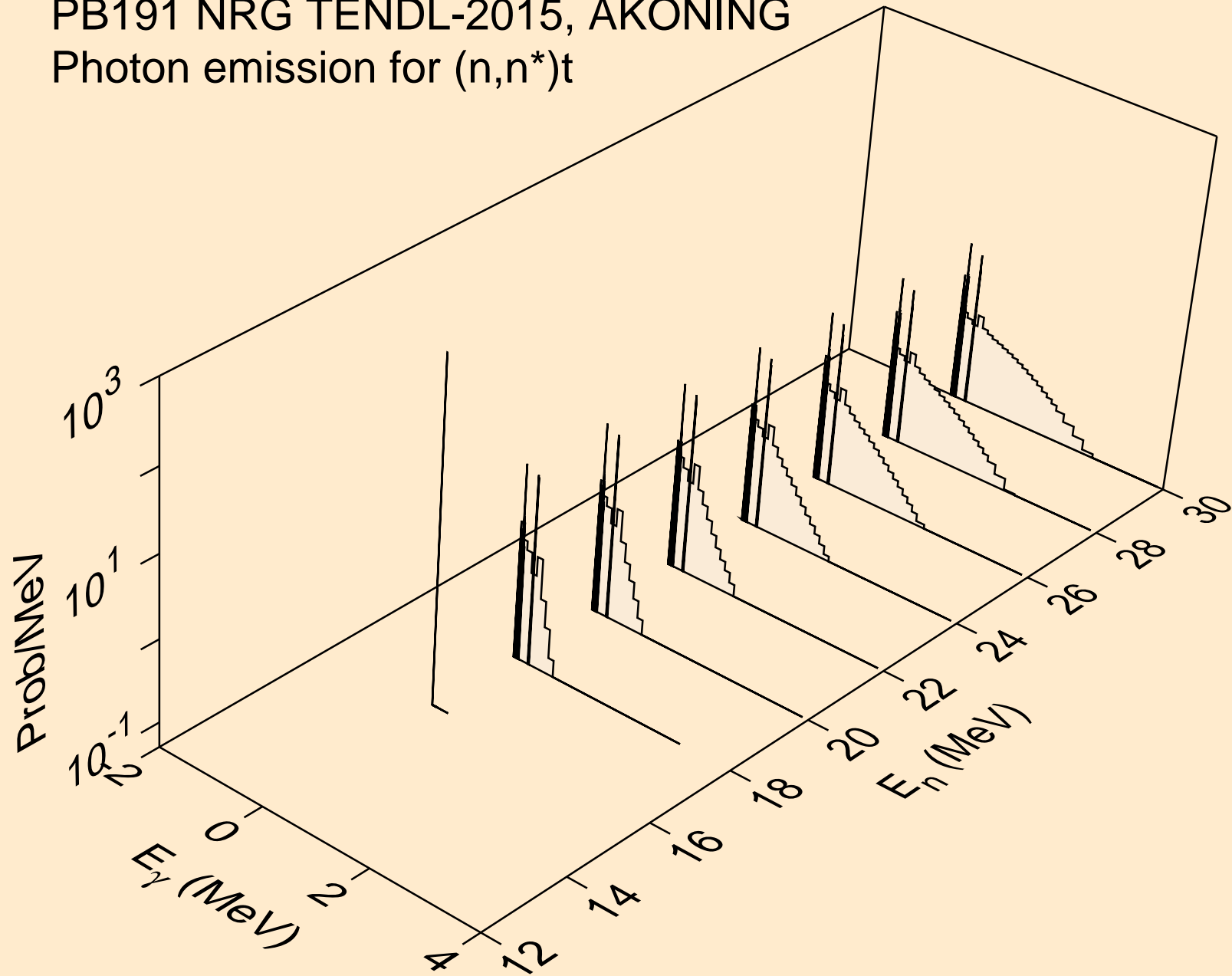
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



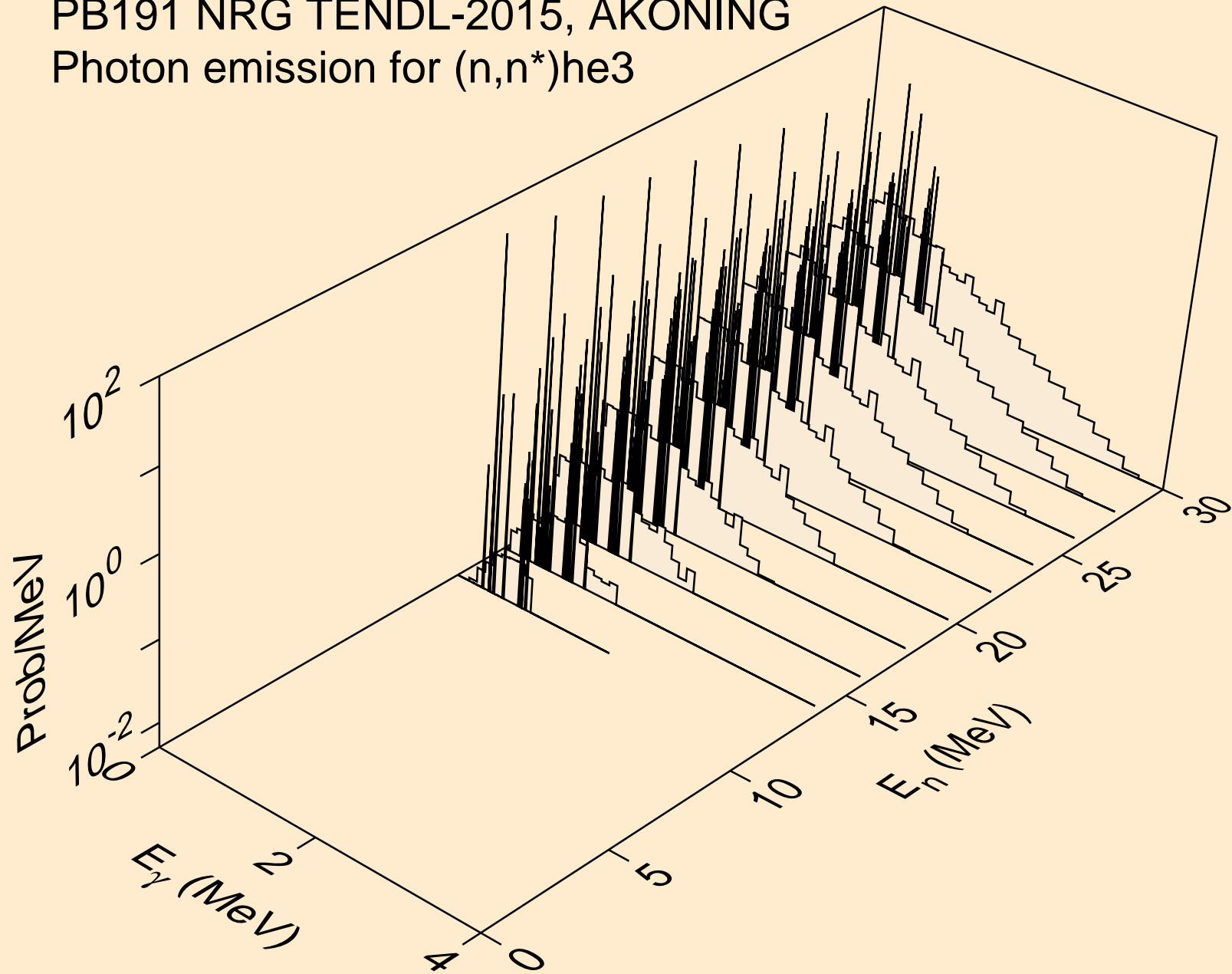
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



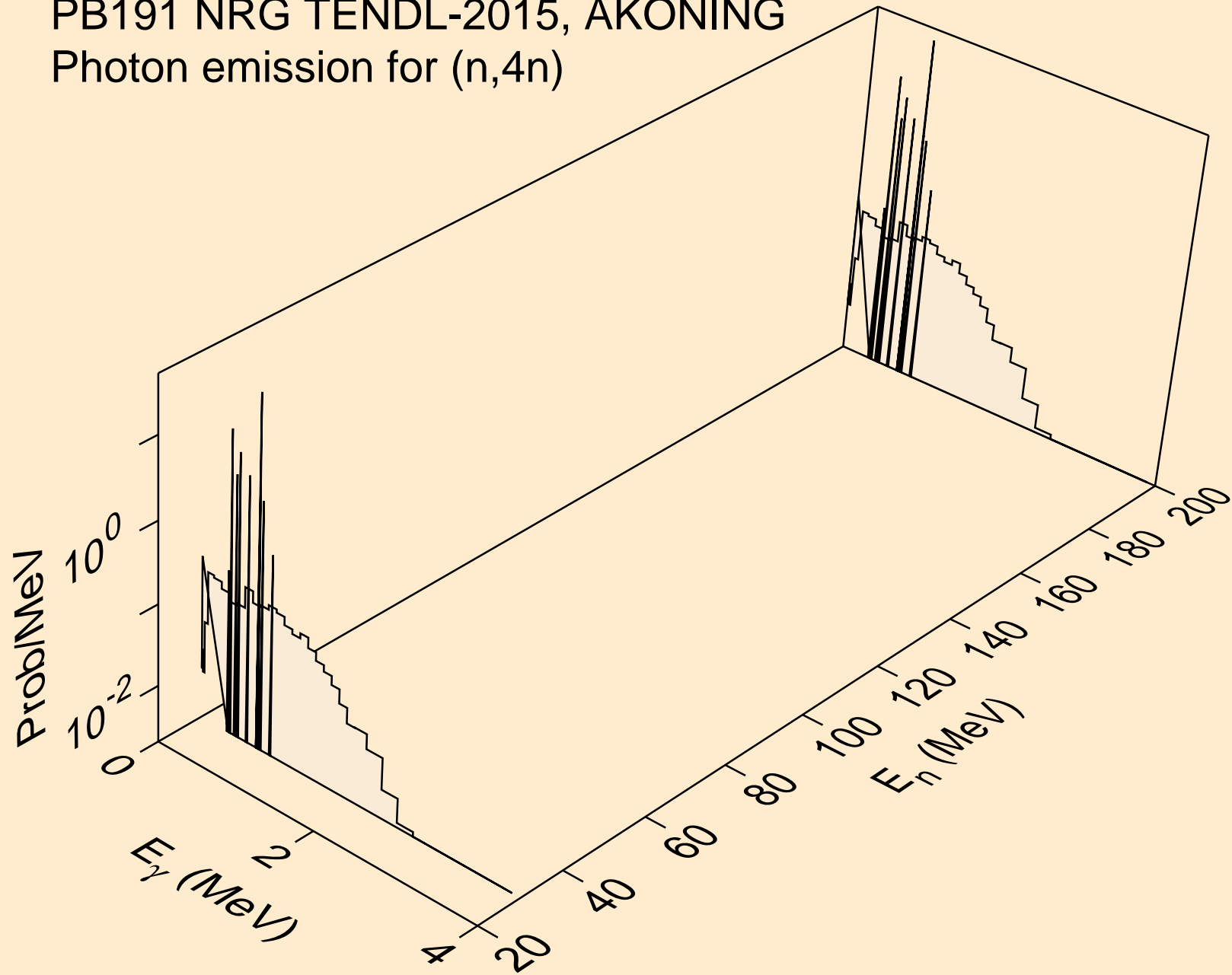
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



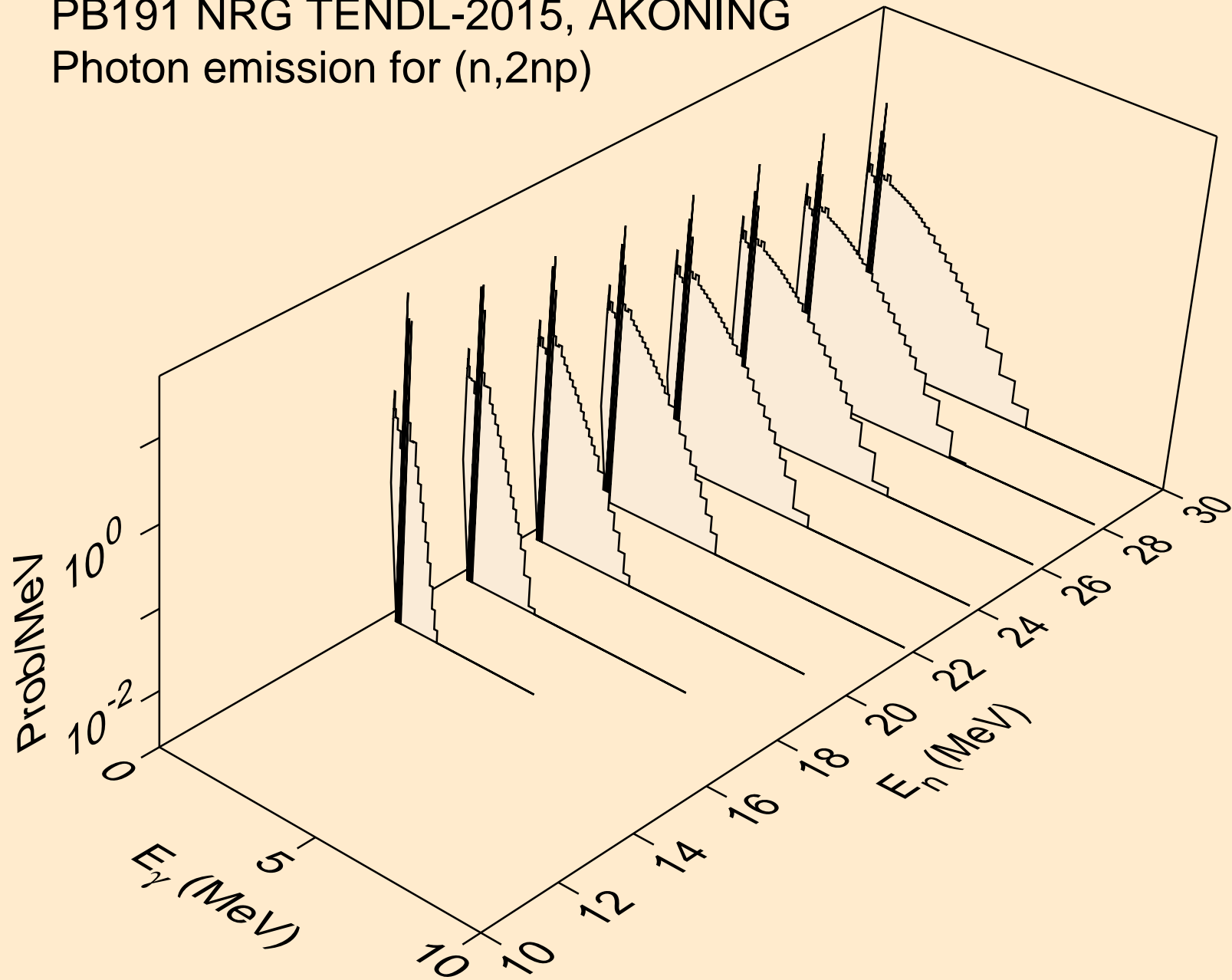
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

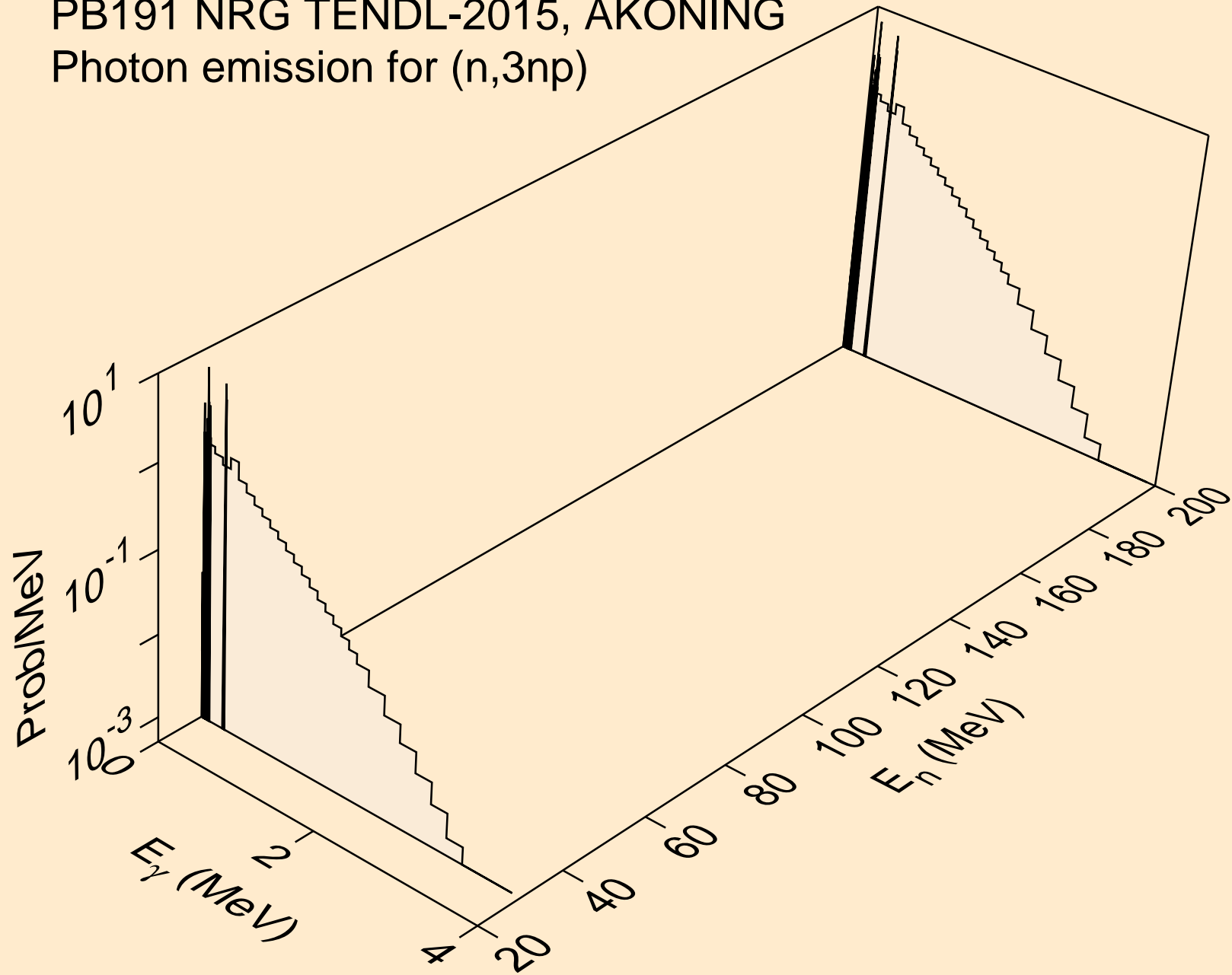


PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

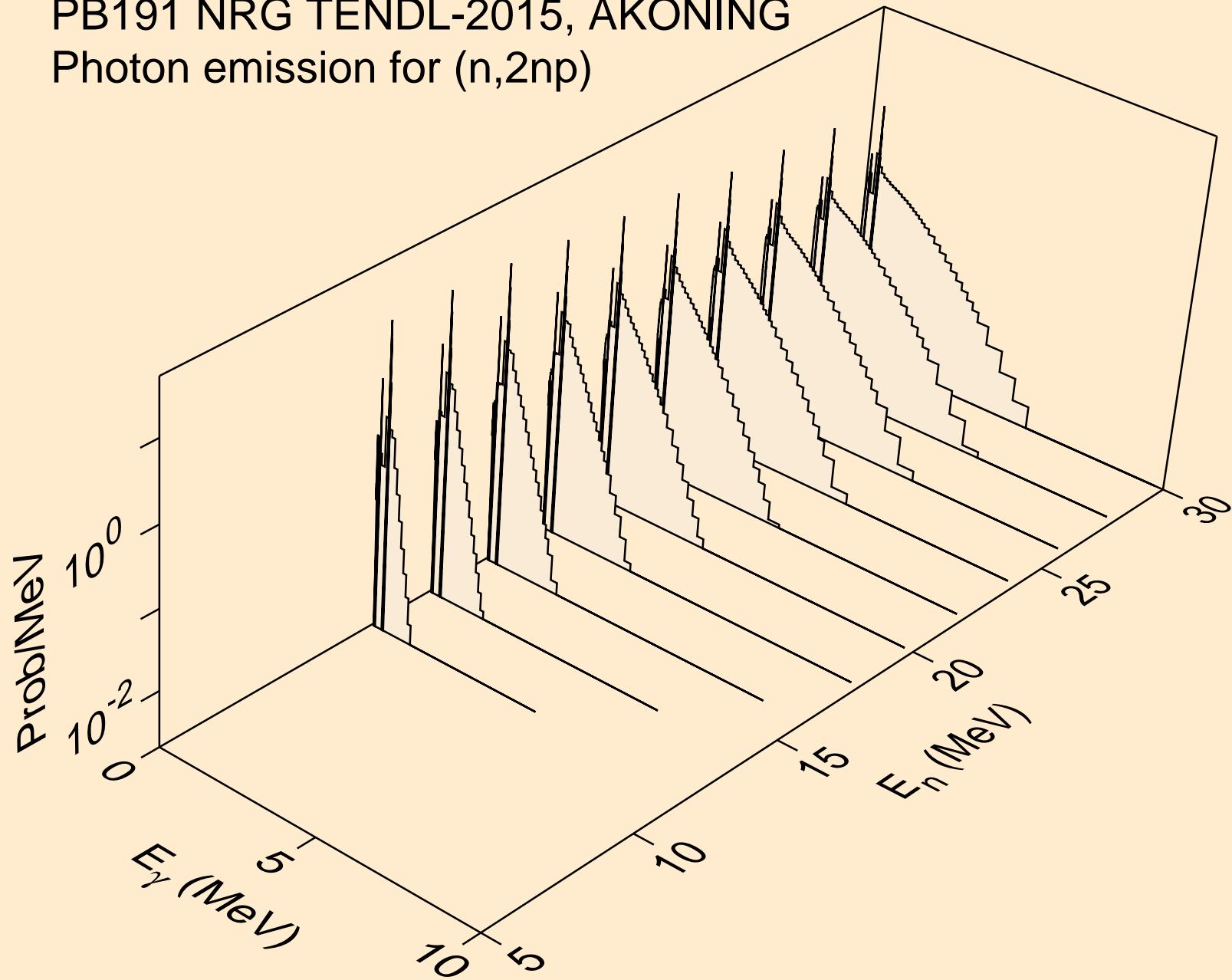




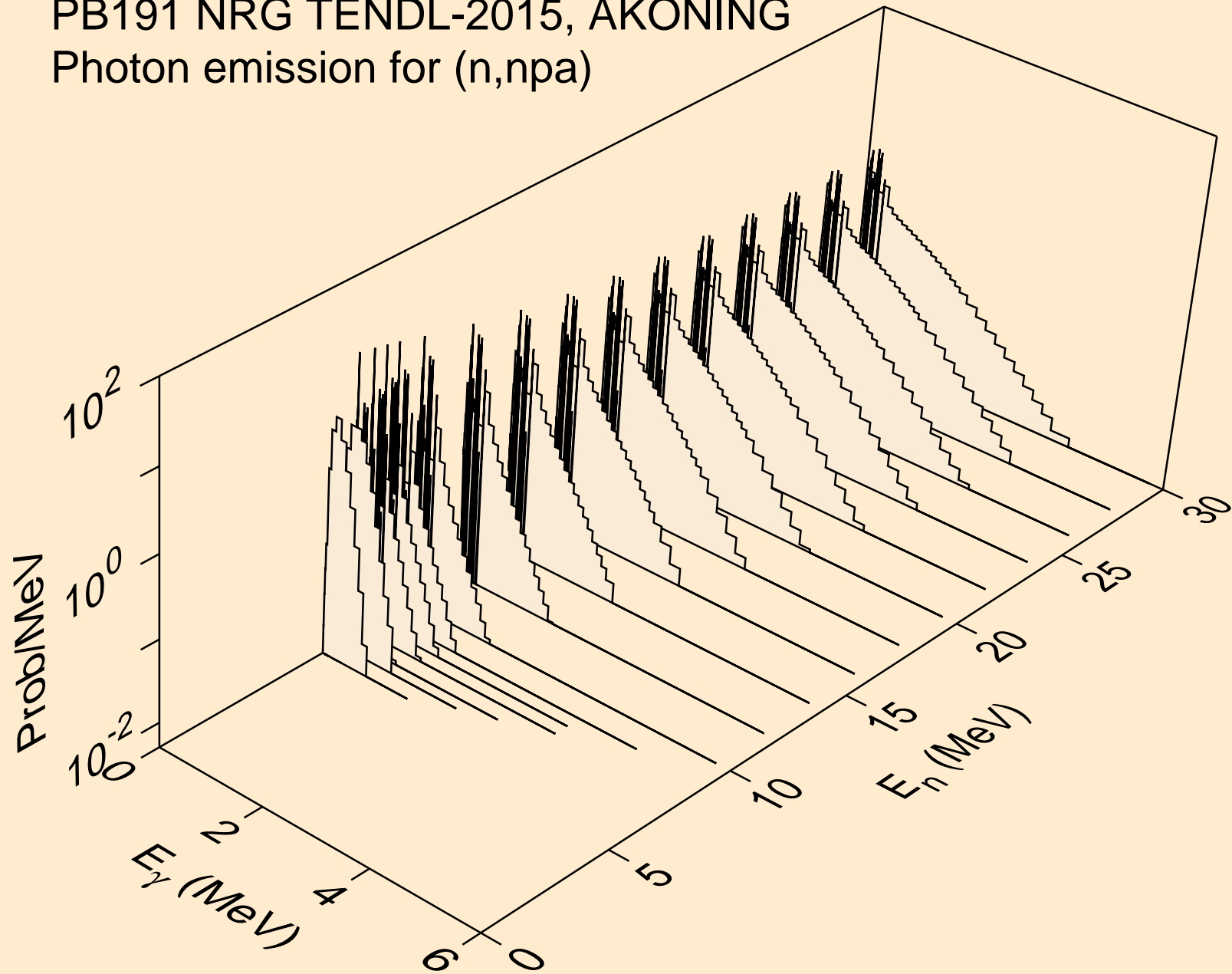
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



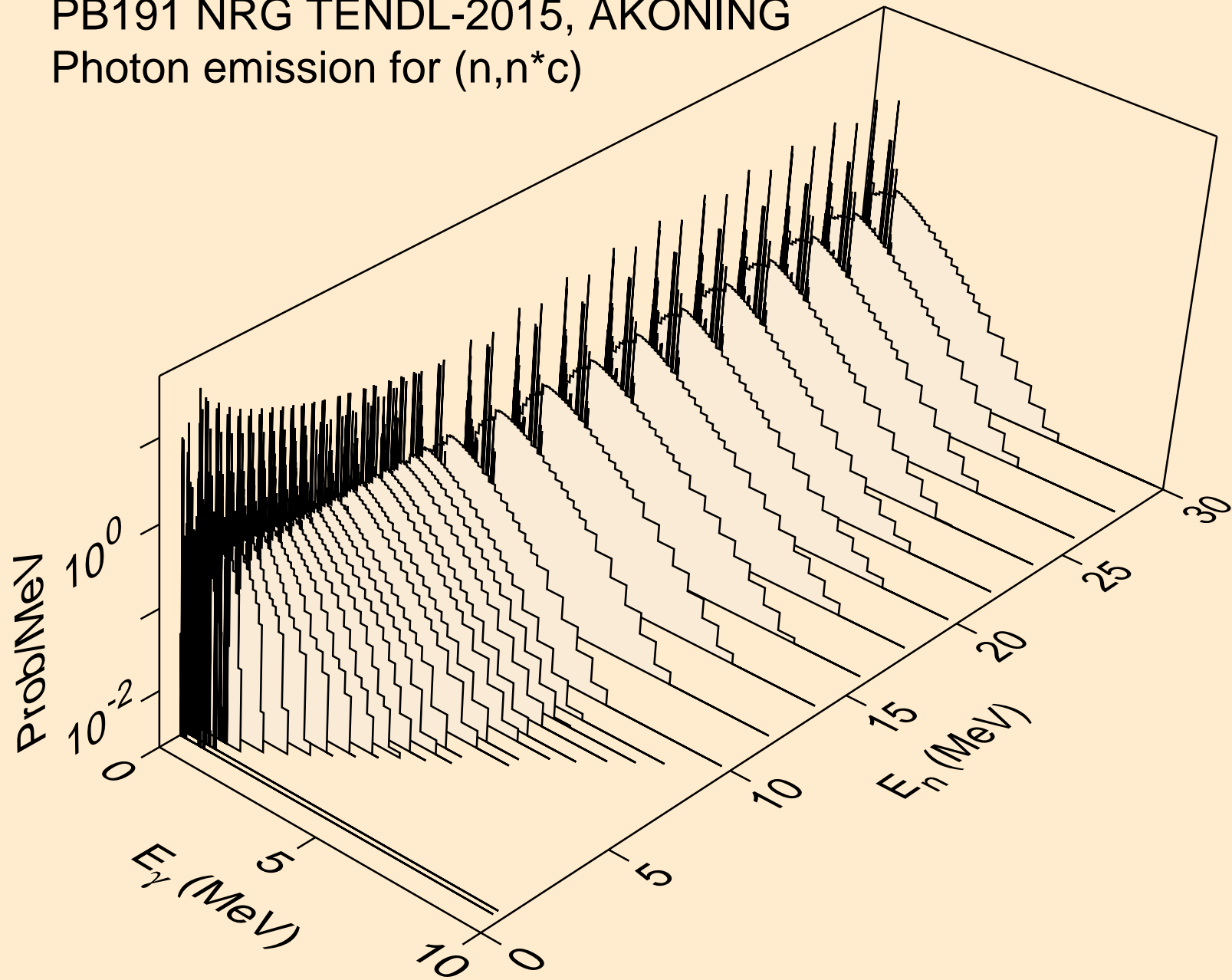
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



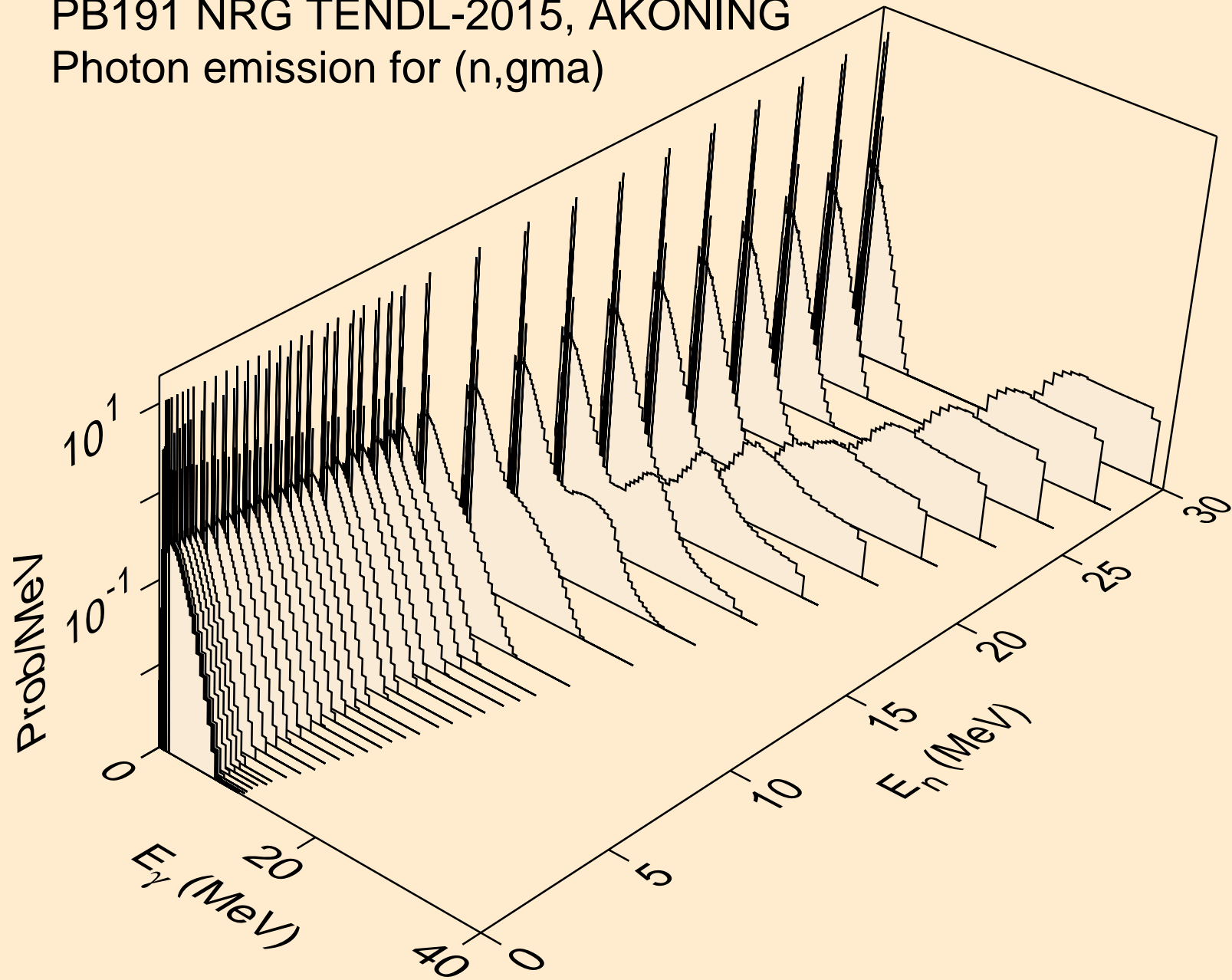
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



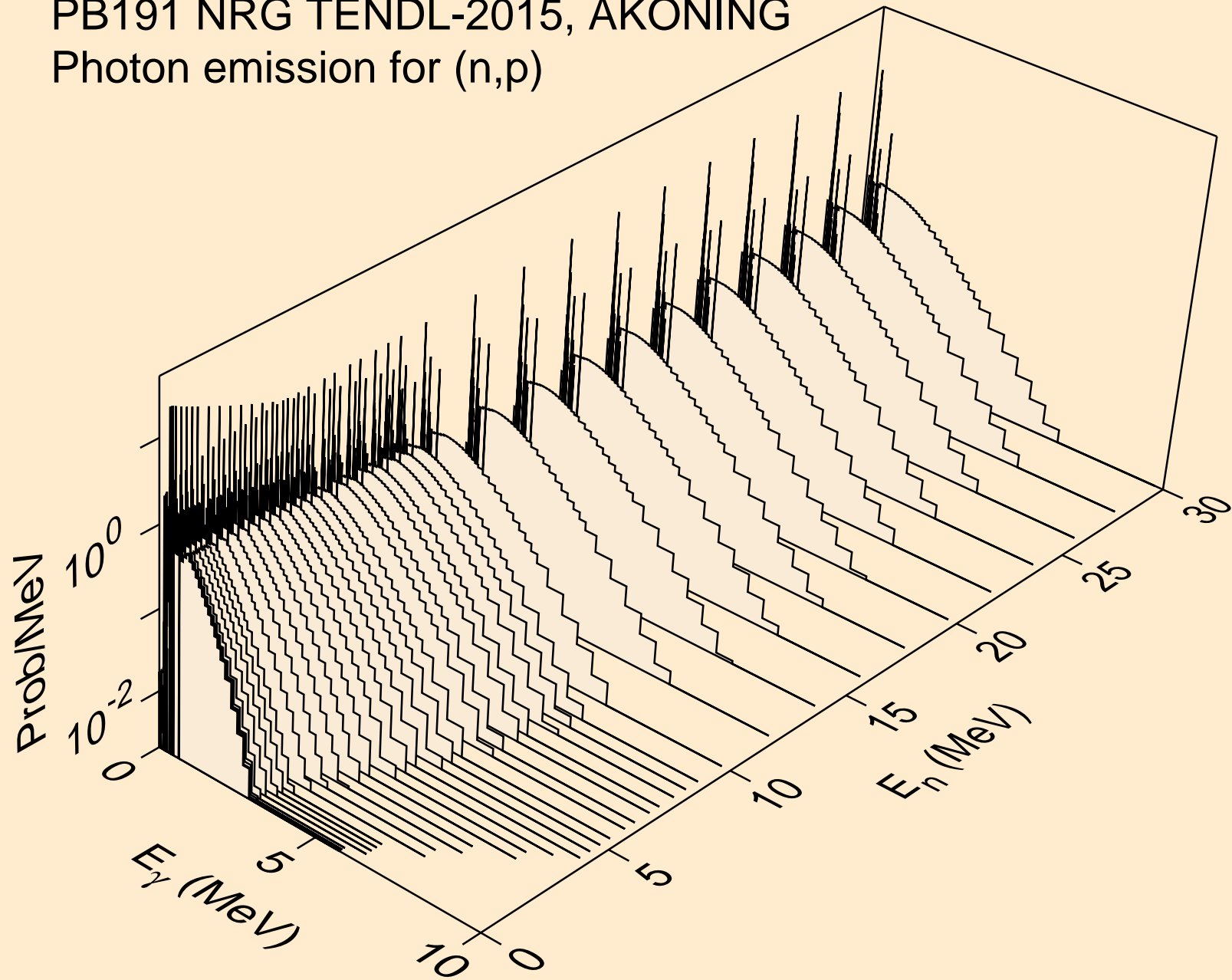
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



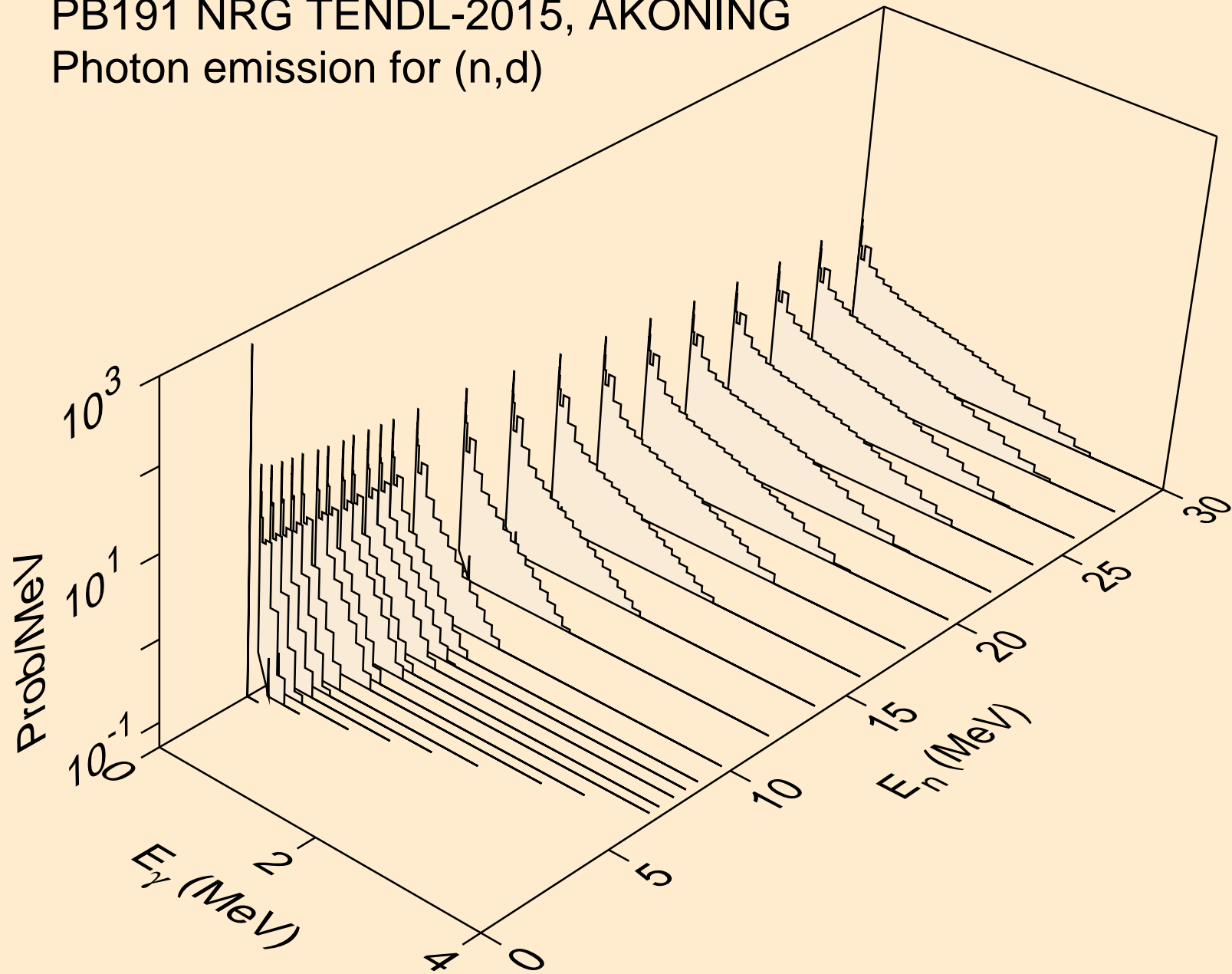
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



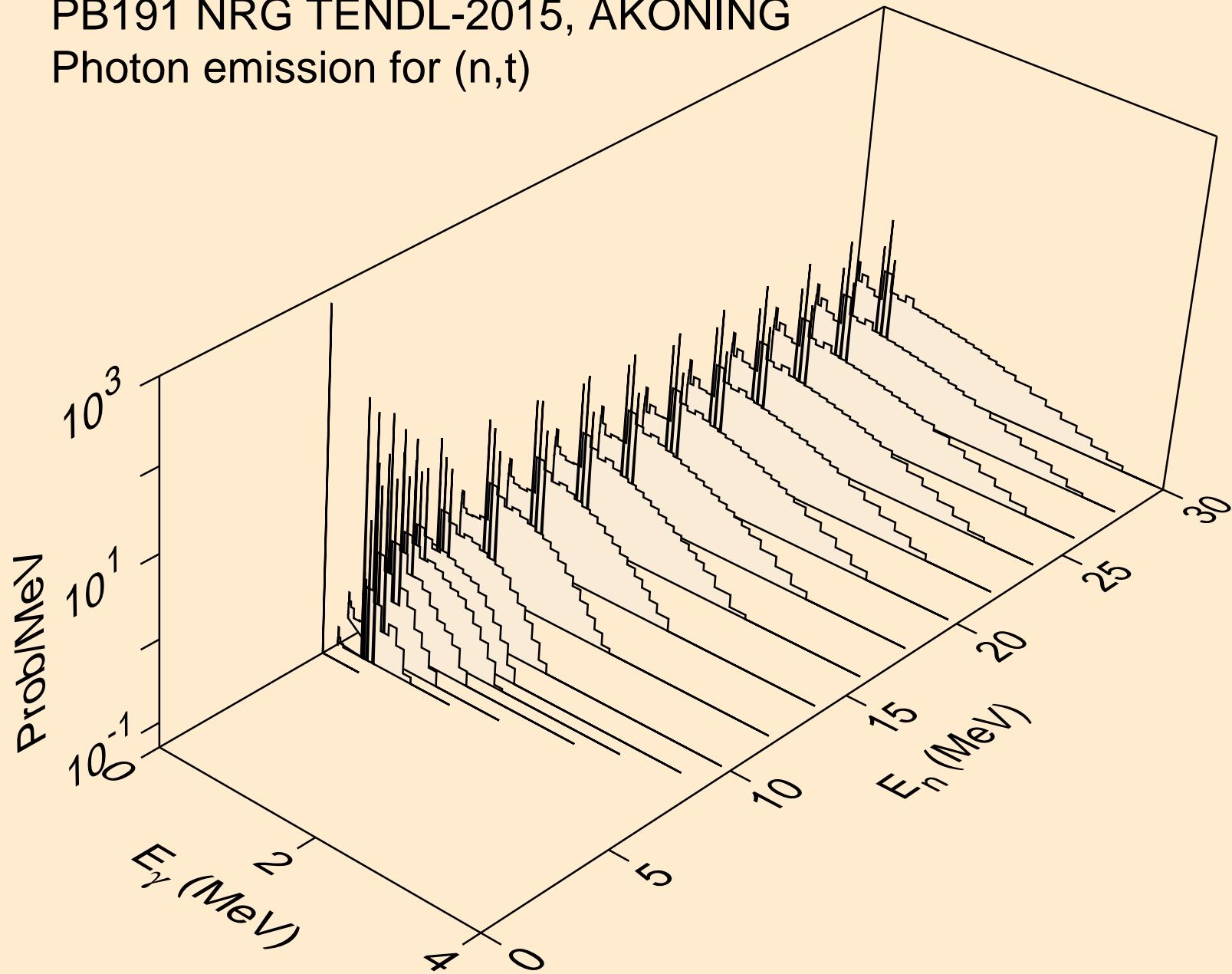
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

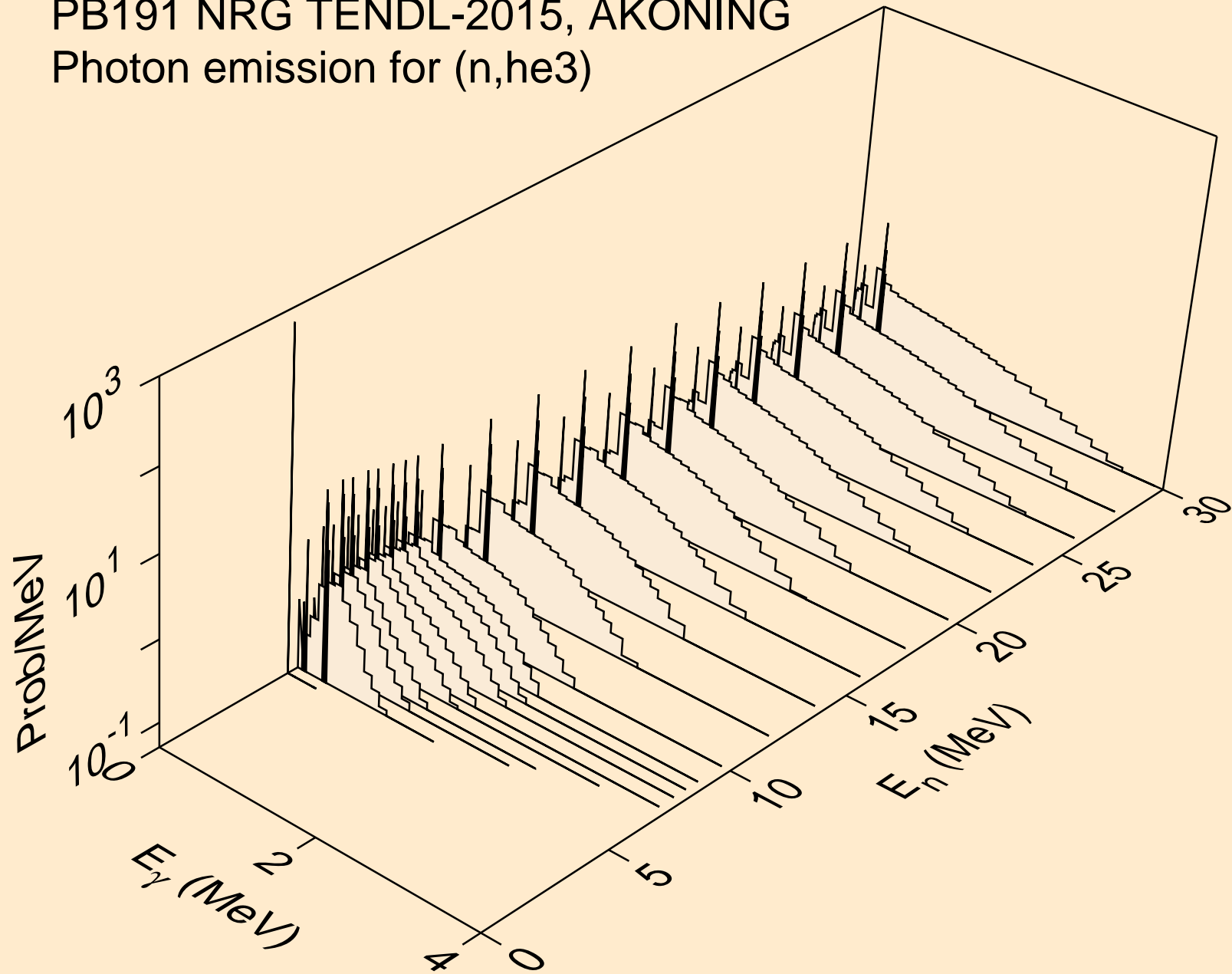


PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

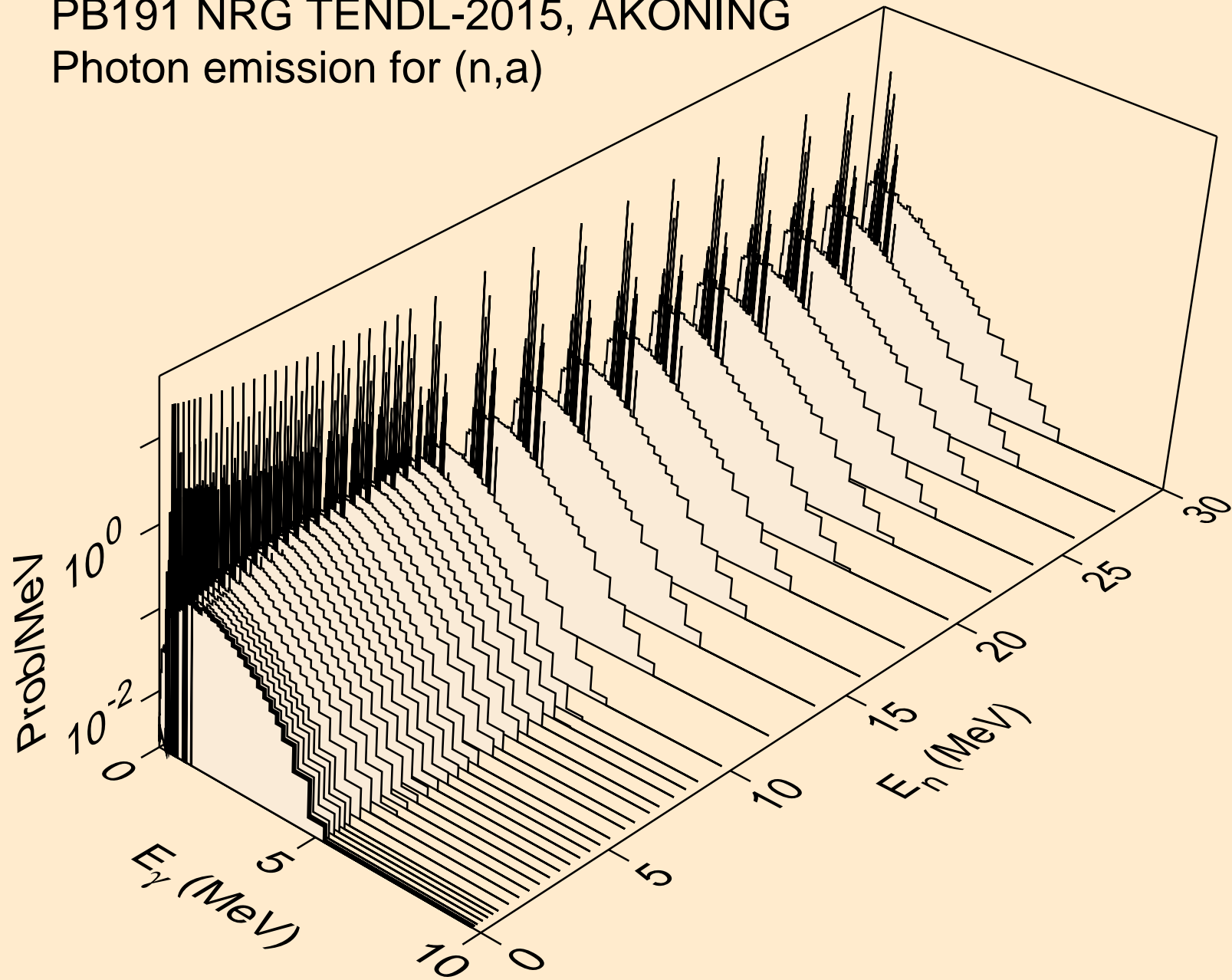




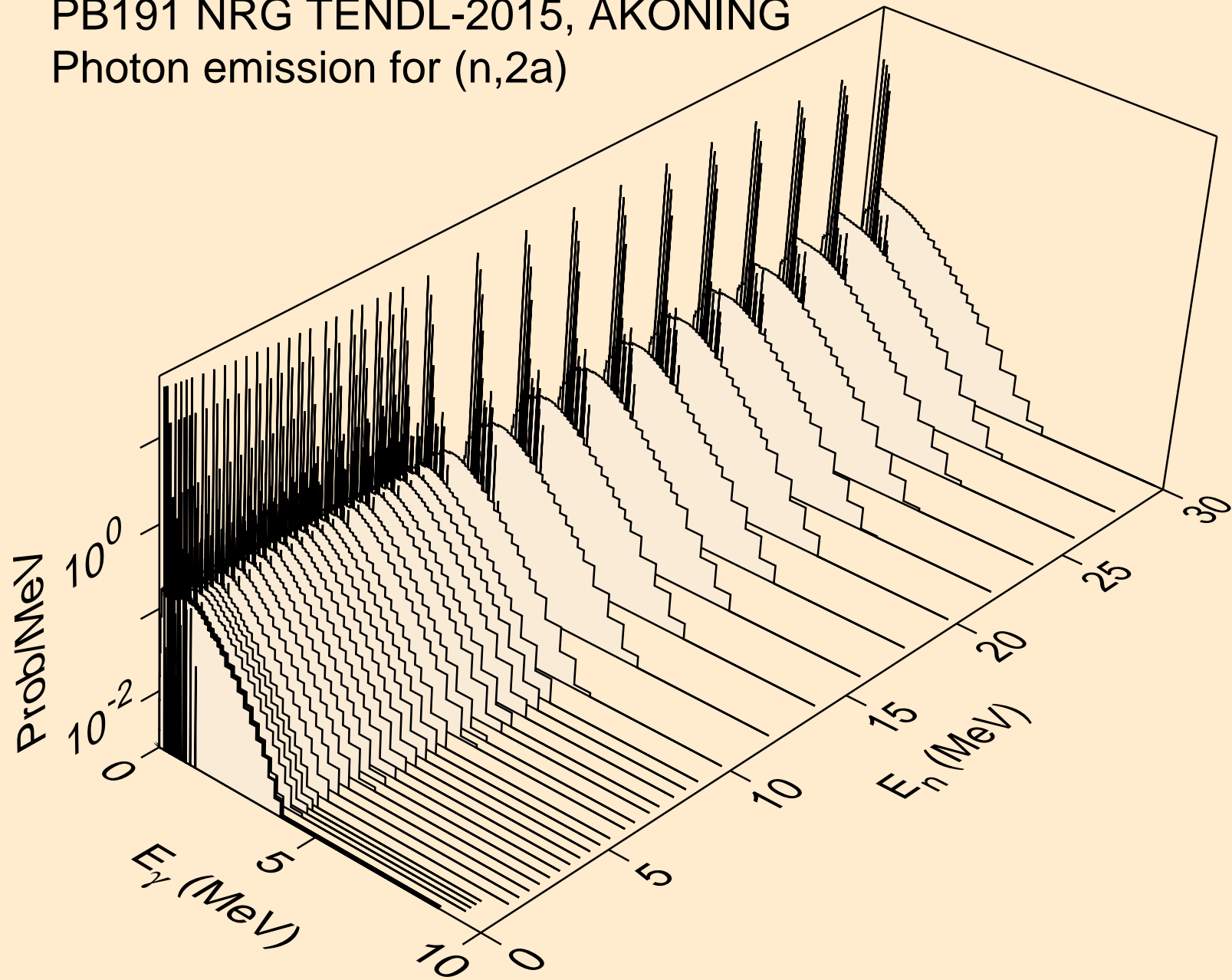
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



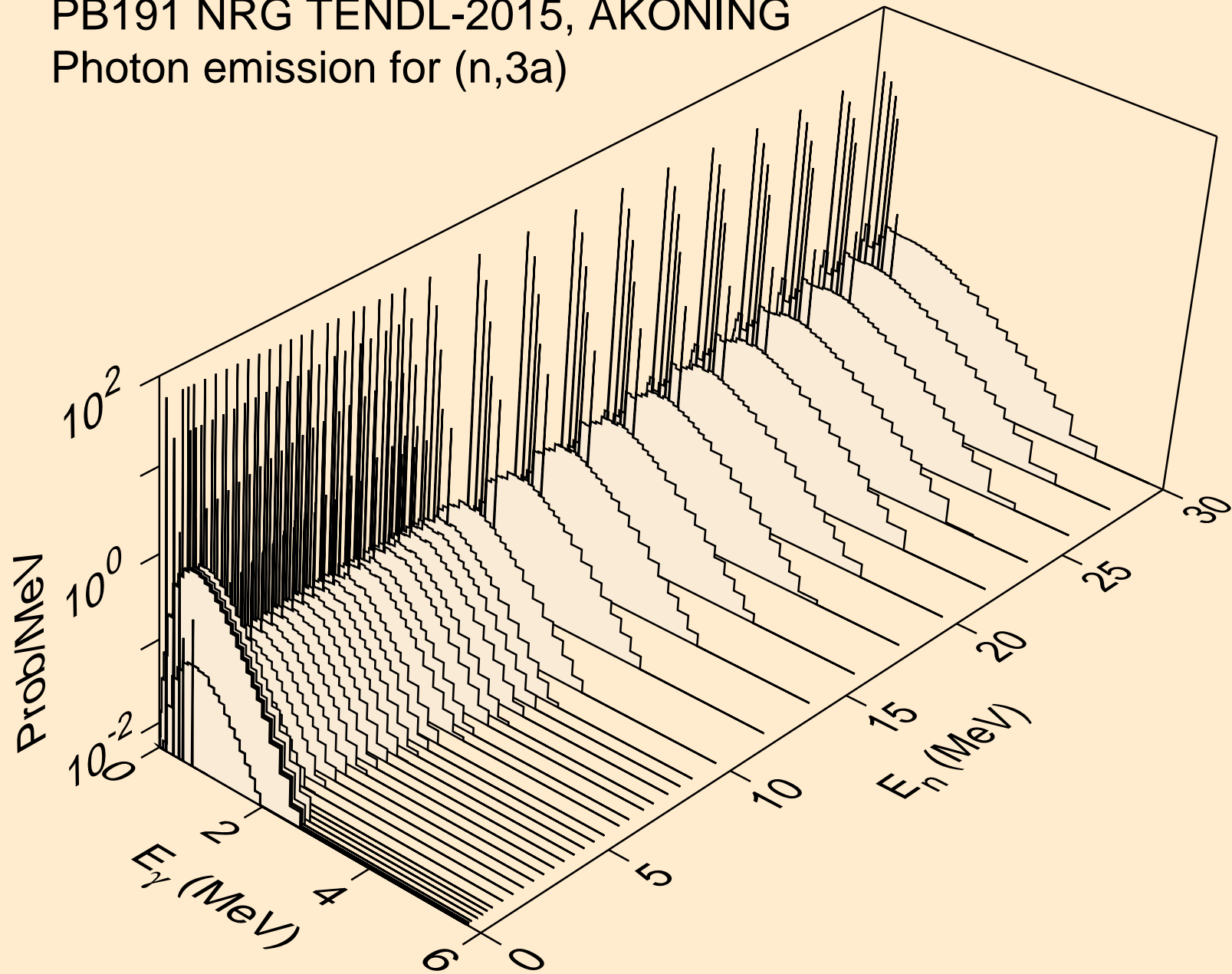
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



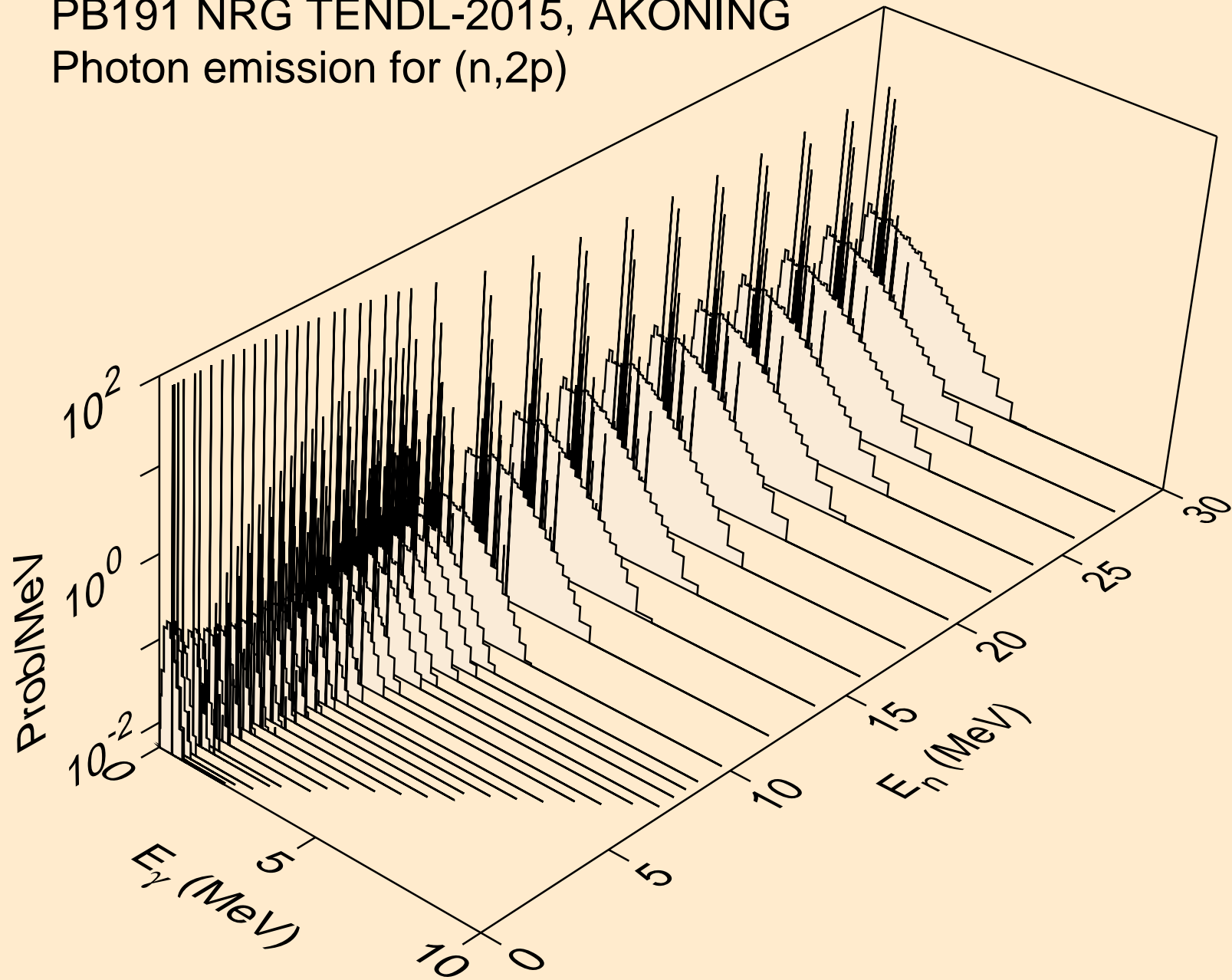
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



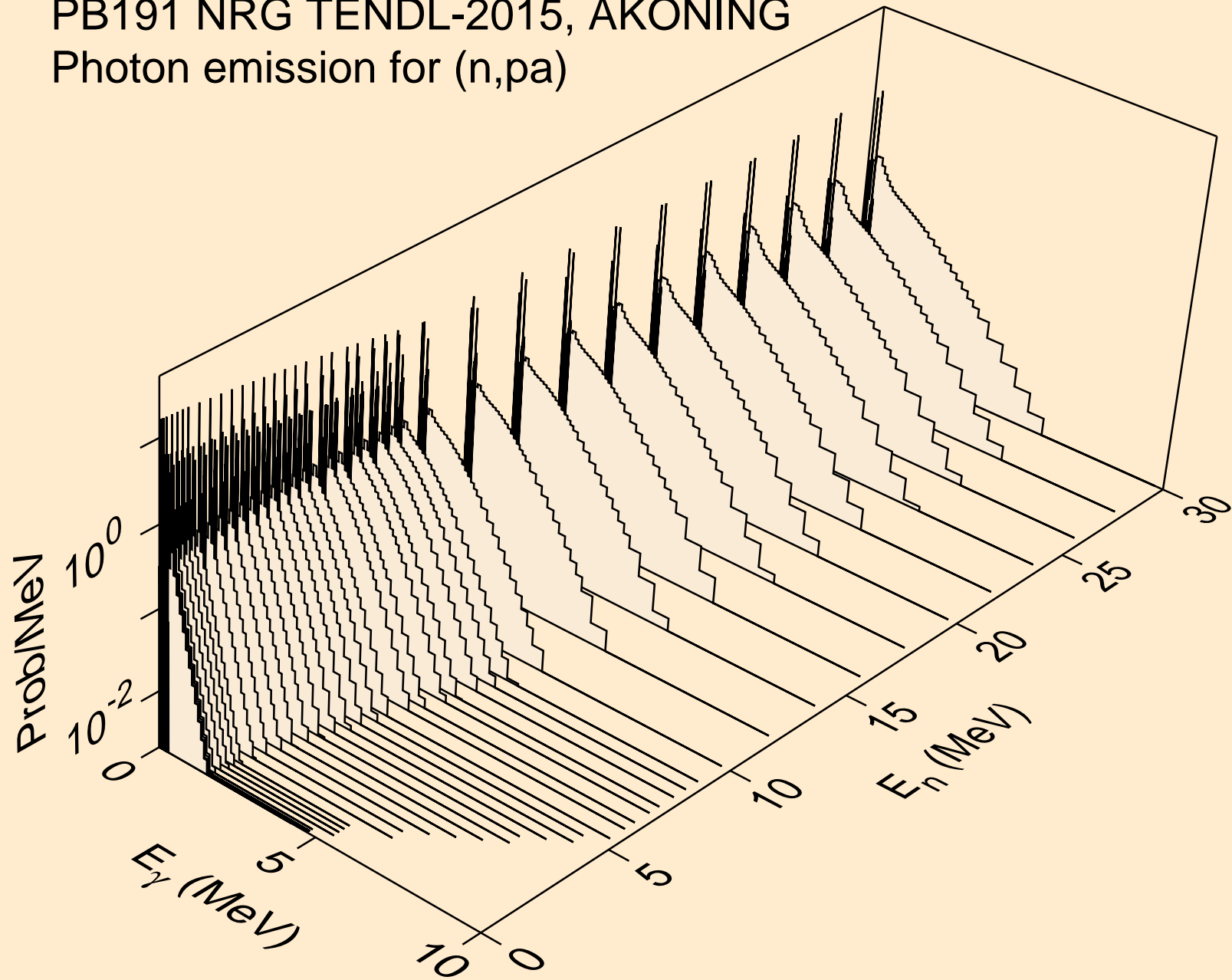
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



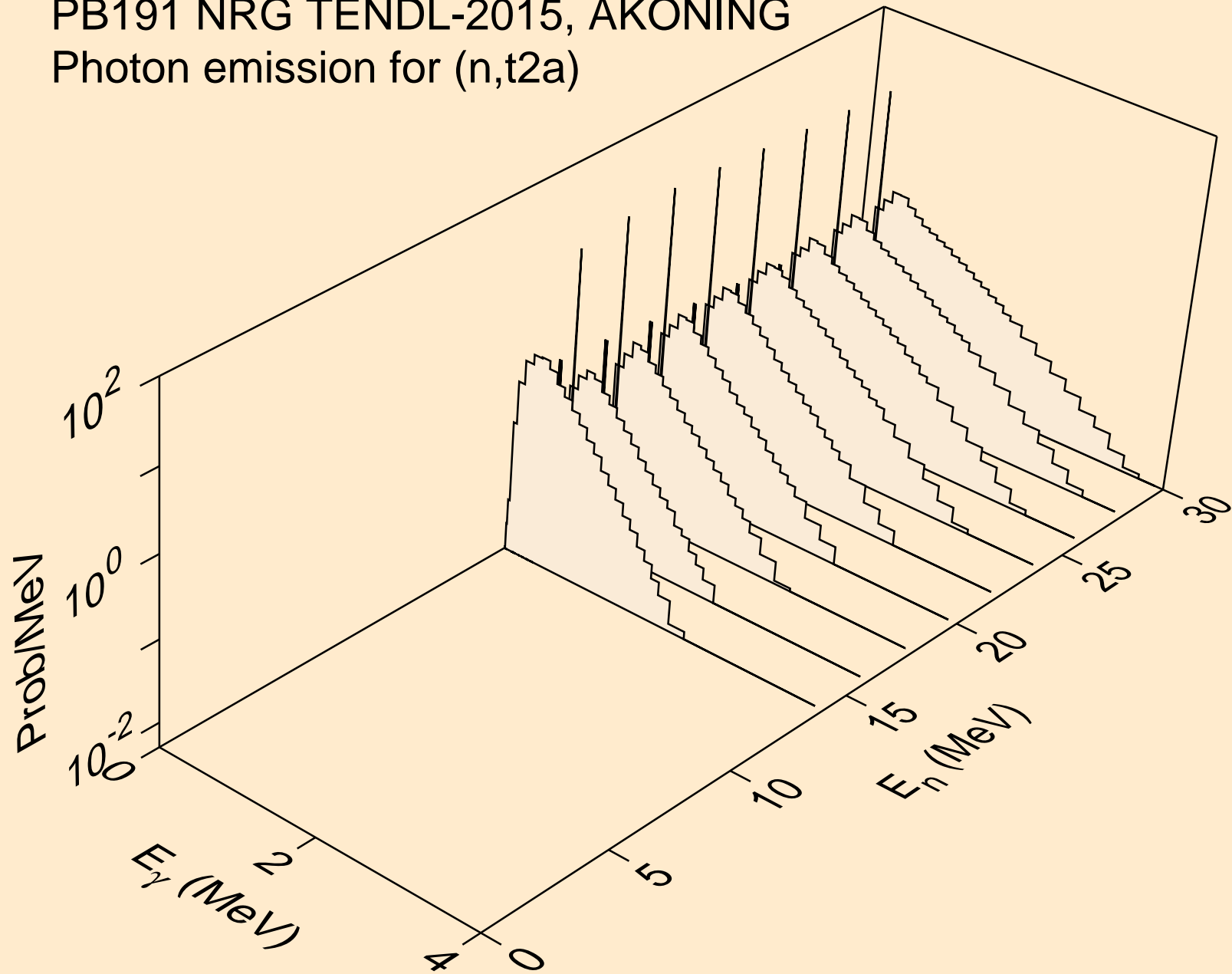
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



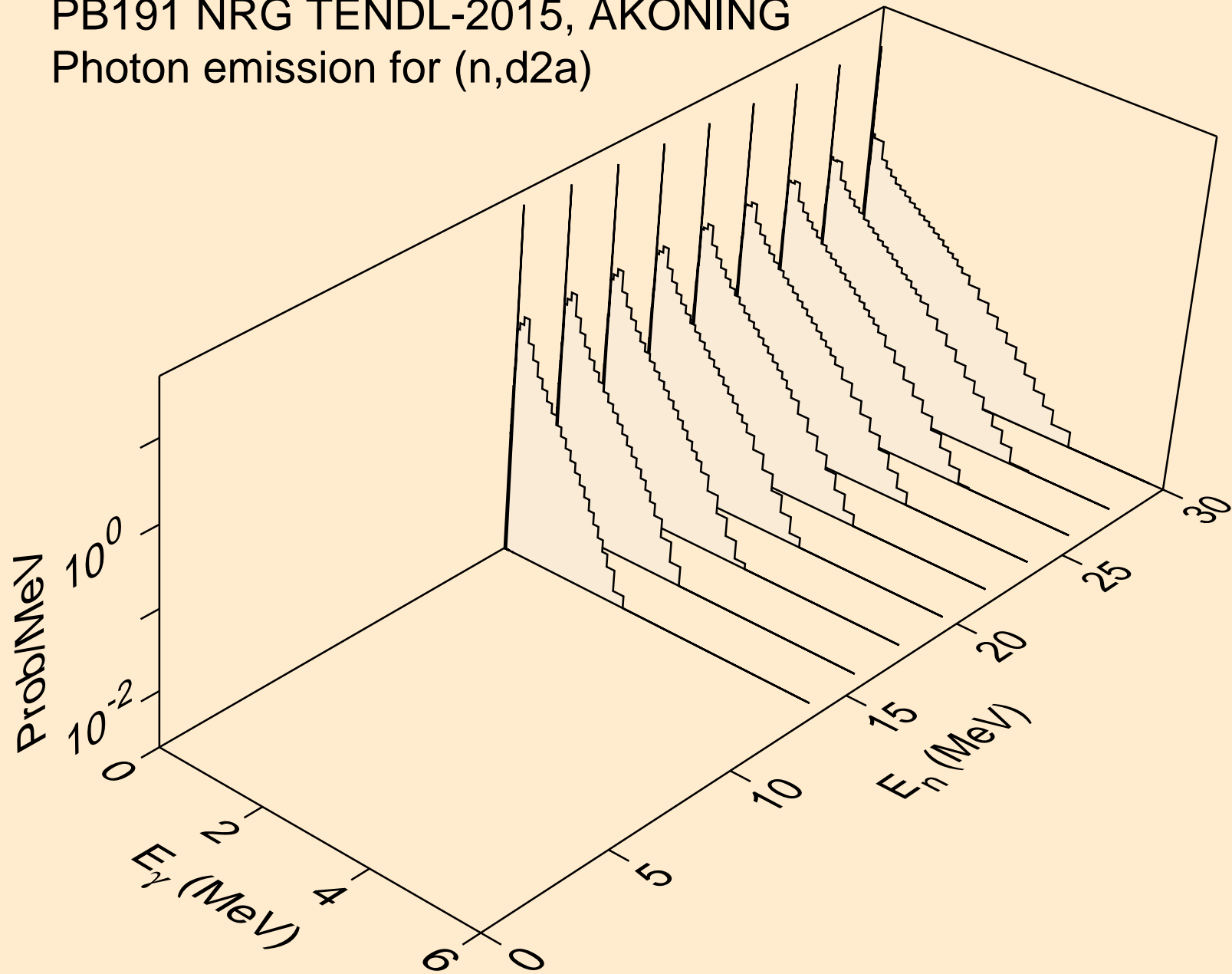
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

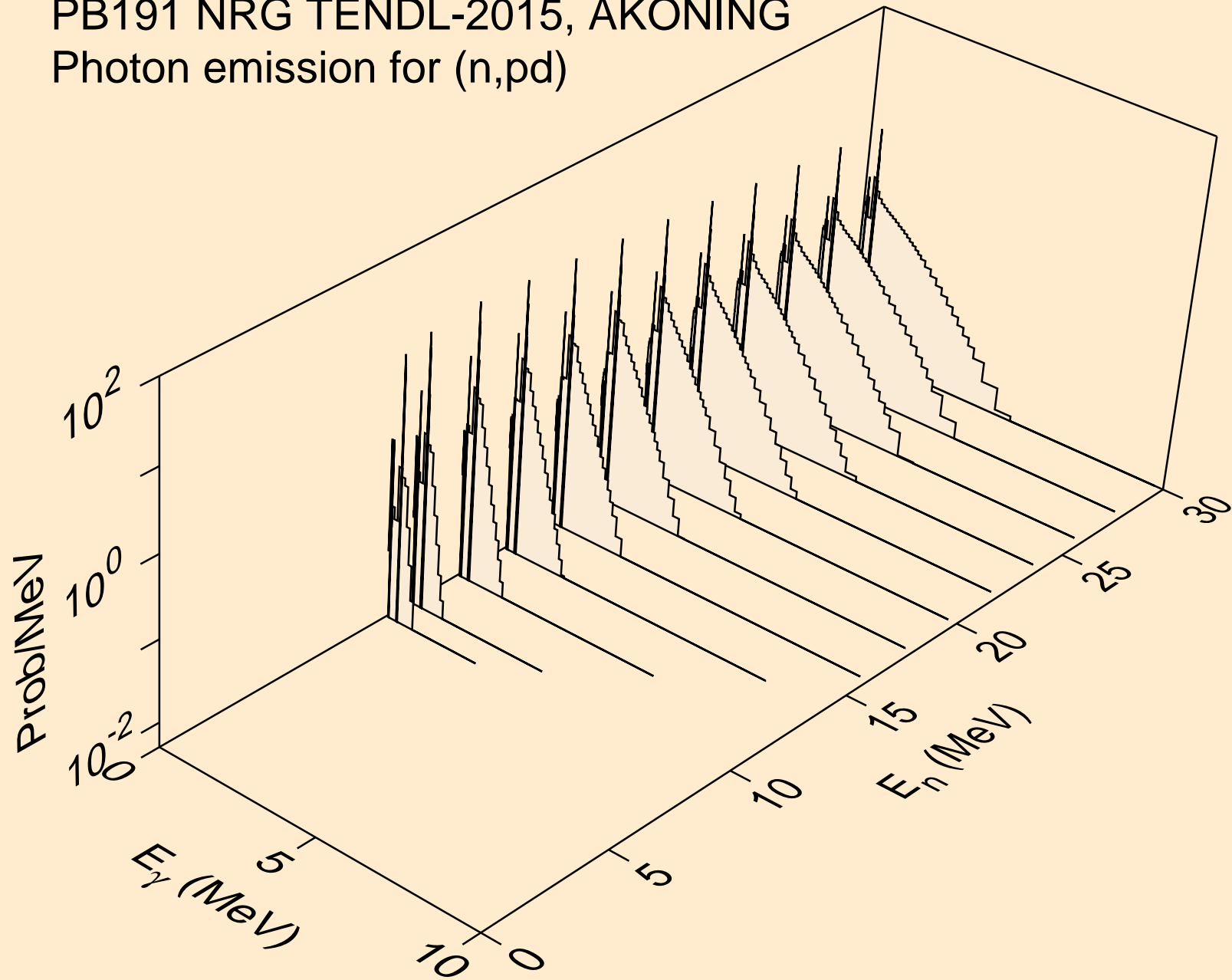


PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

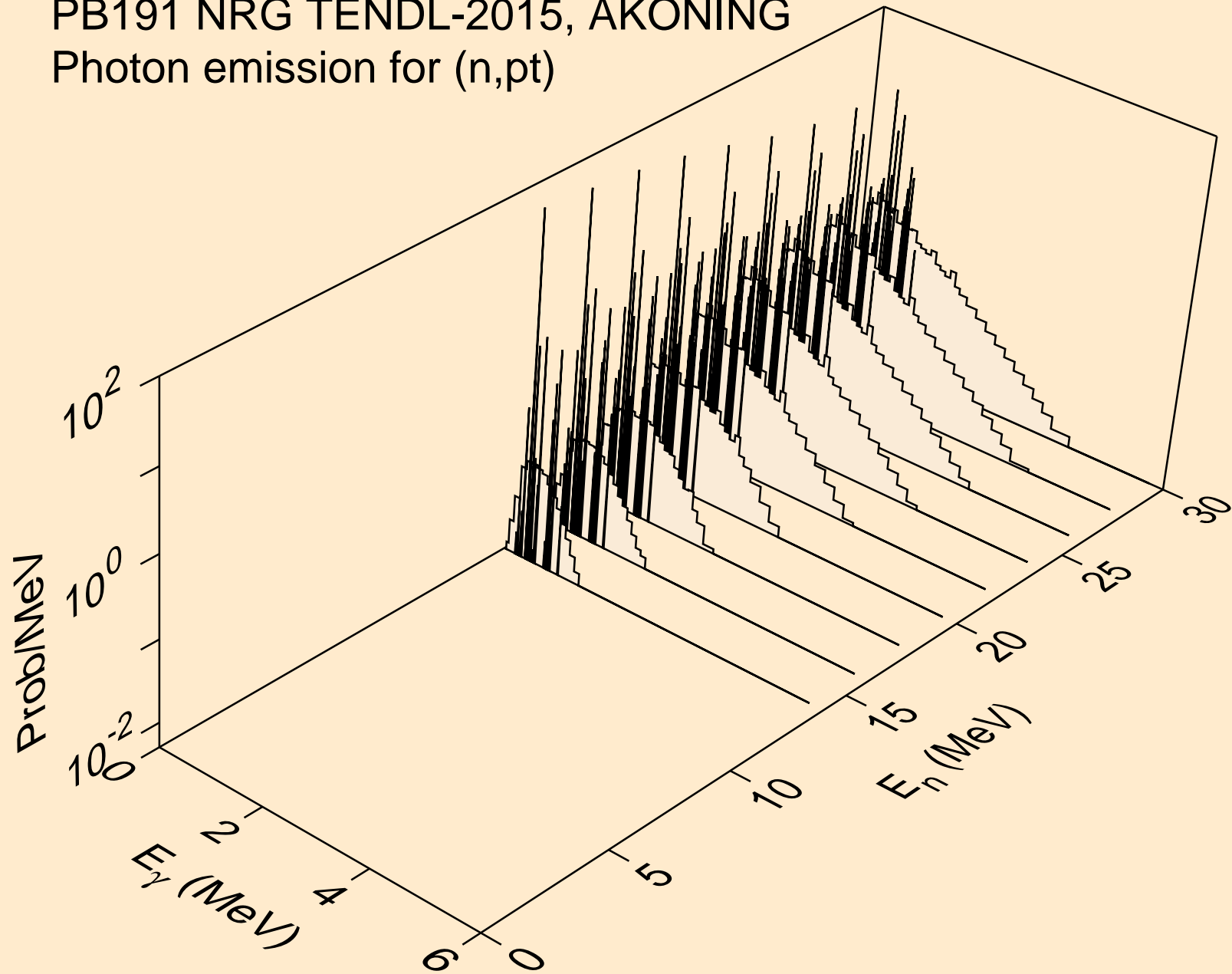




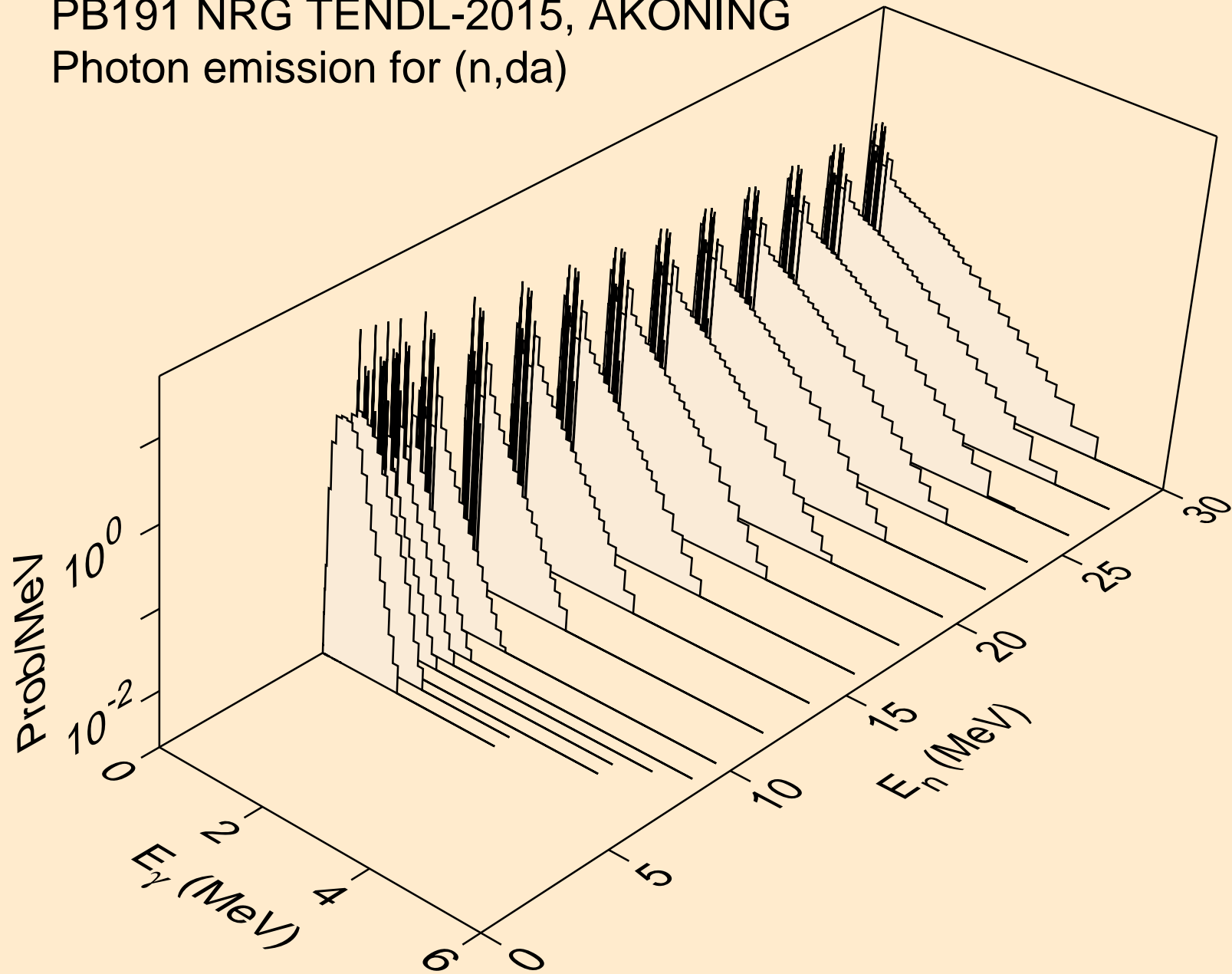
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



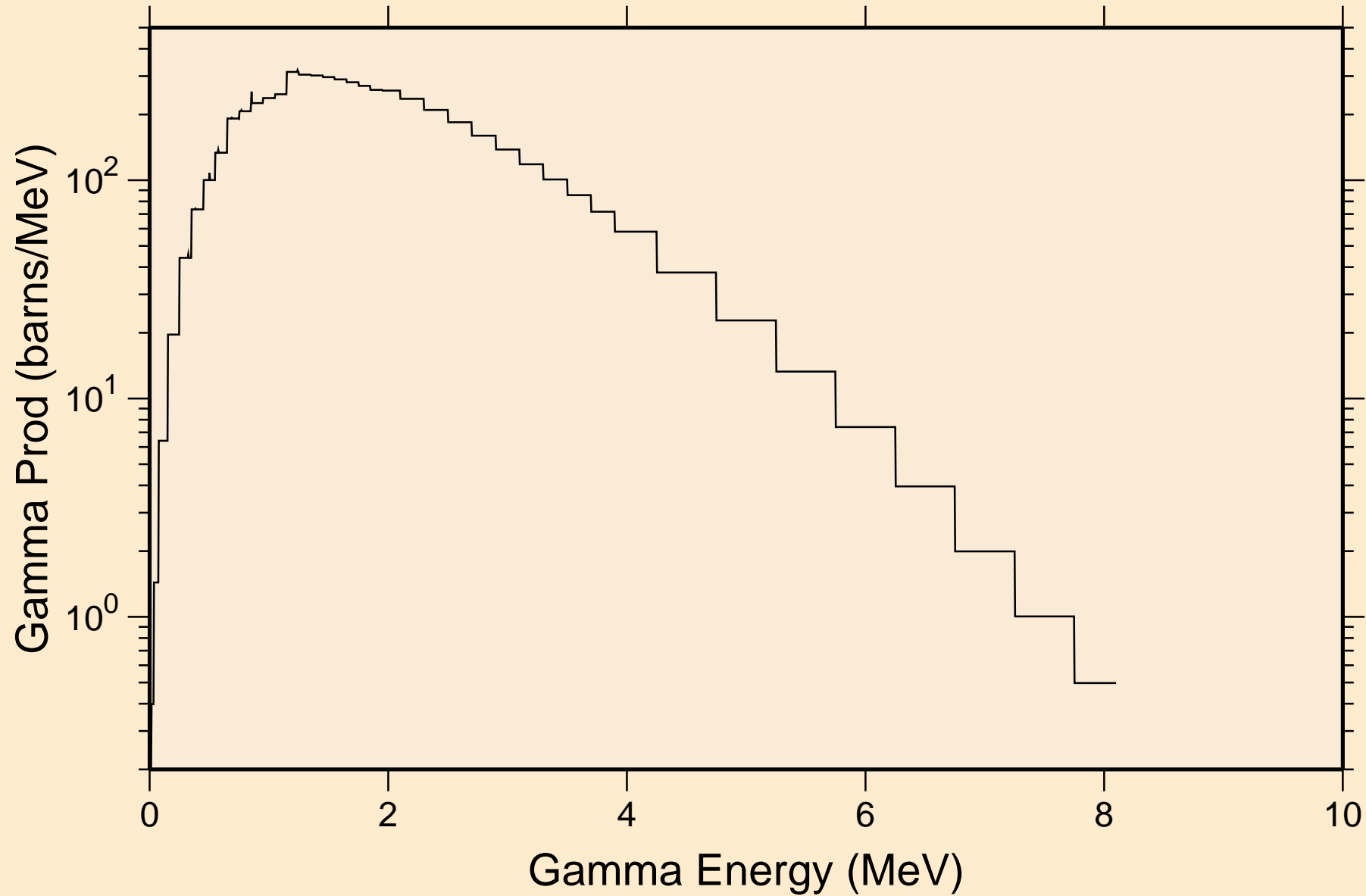
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



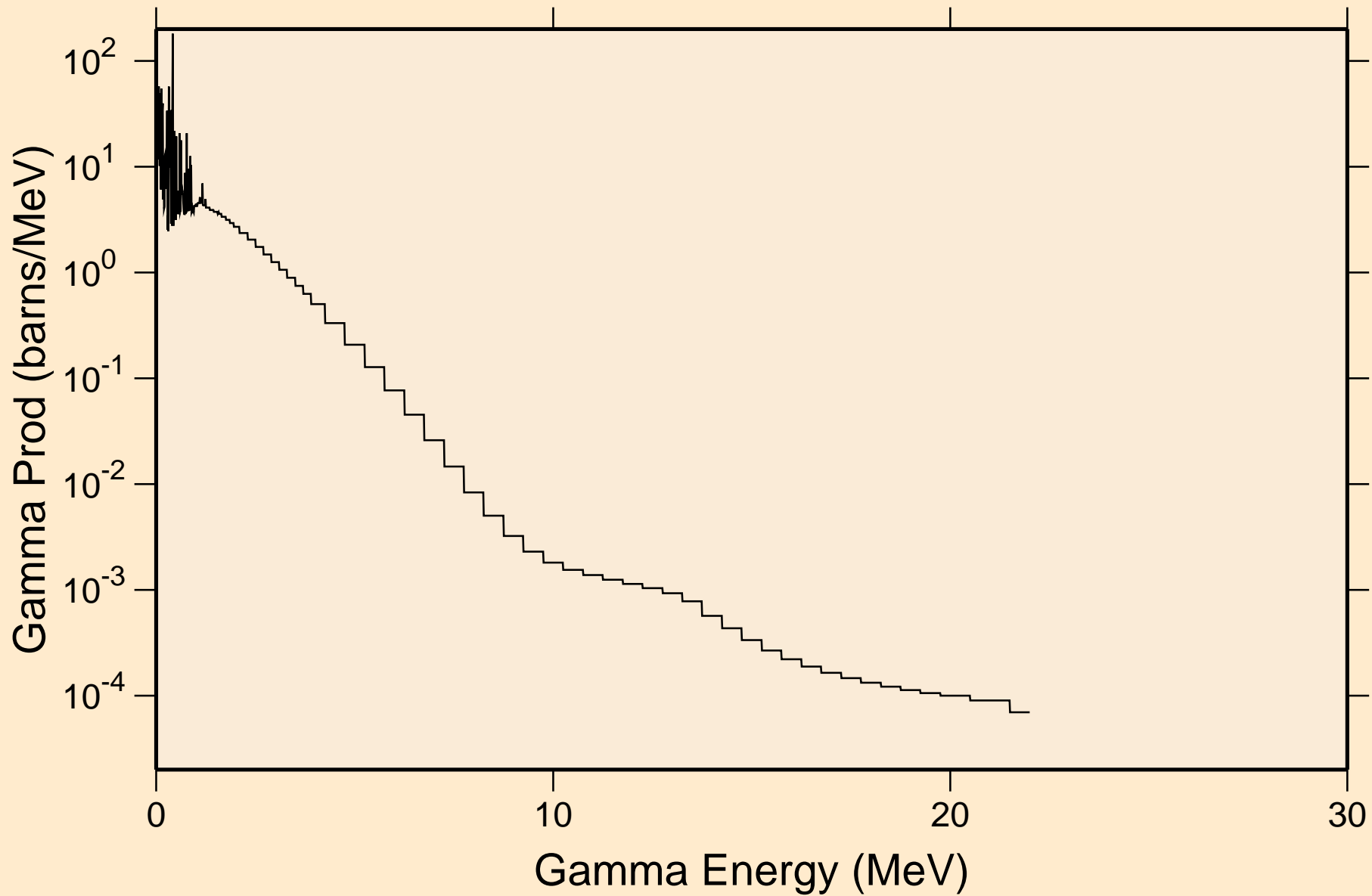
PB191 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PB191 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

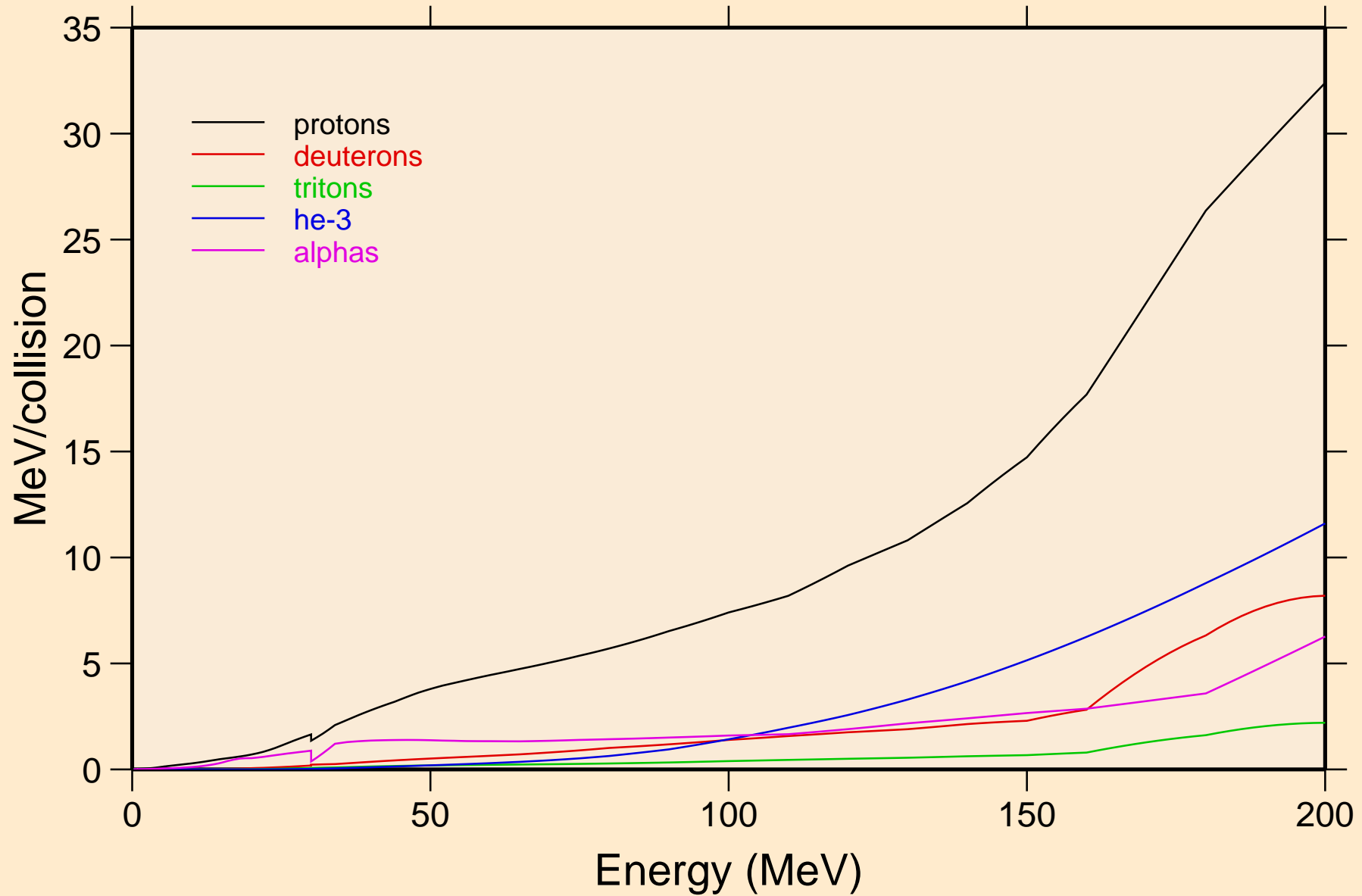


PB191 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



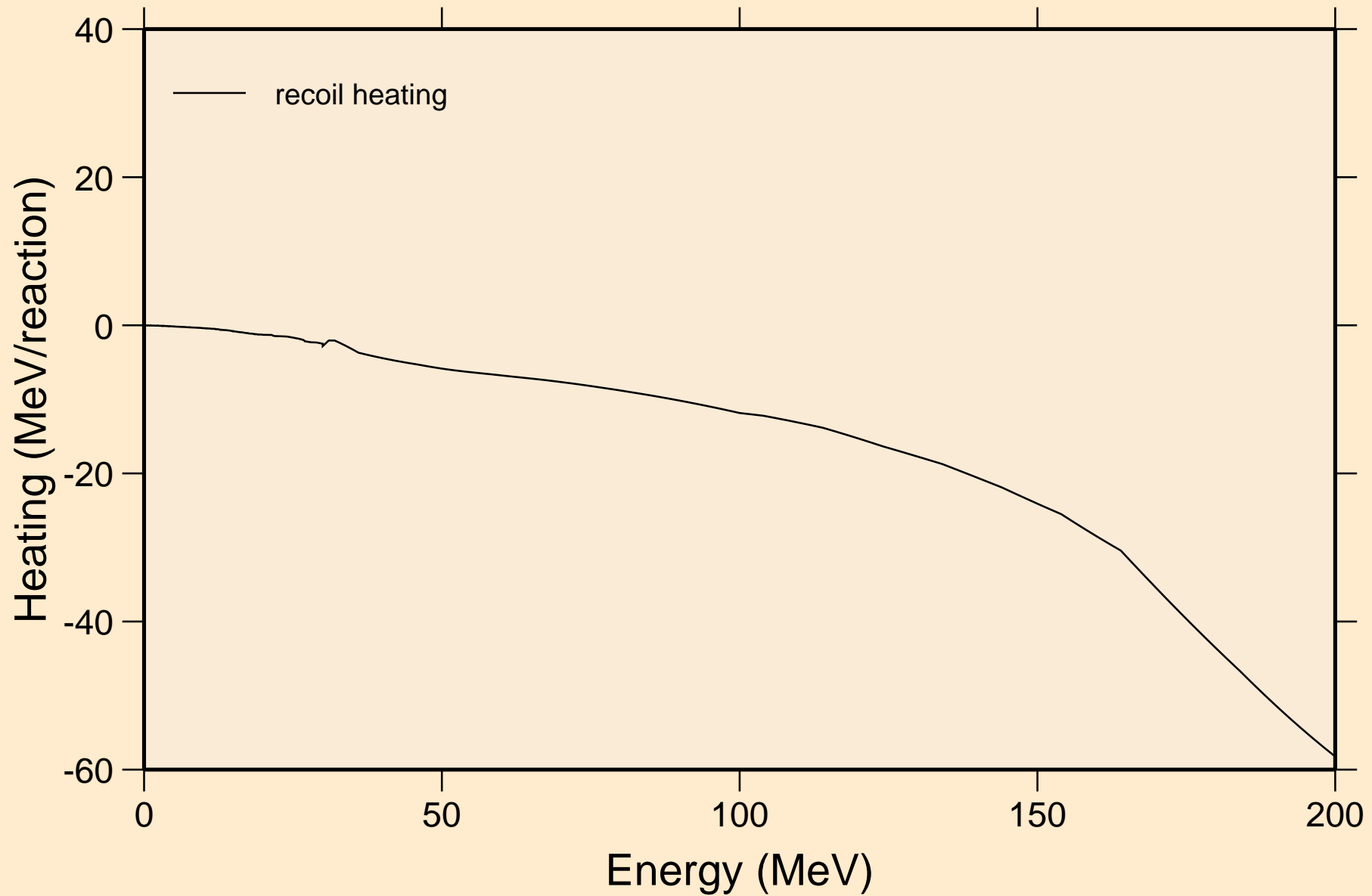
# PB191 NRG TENDL-2015, AKONING

## Particle heating contributions

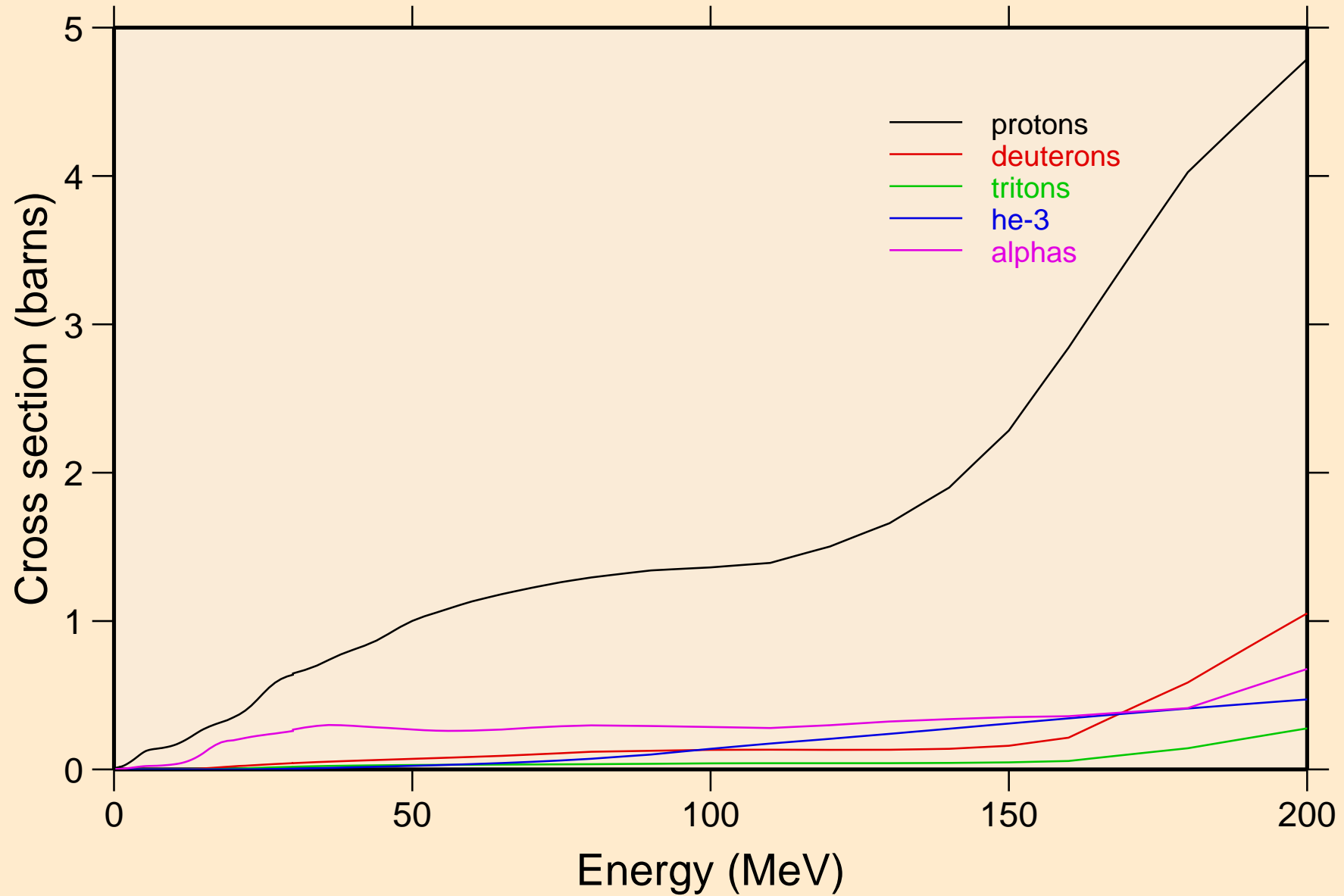


# PB191 NRG TENDL-2015, AKONING

## Recoil Heating

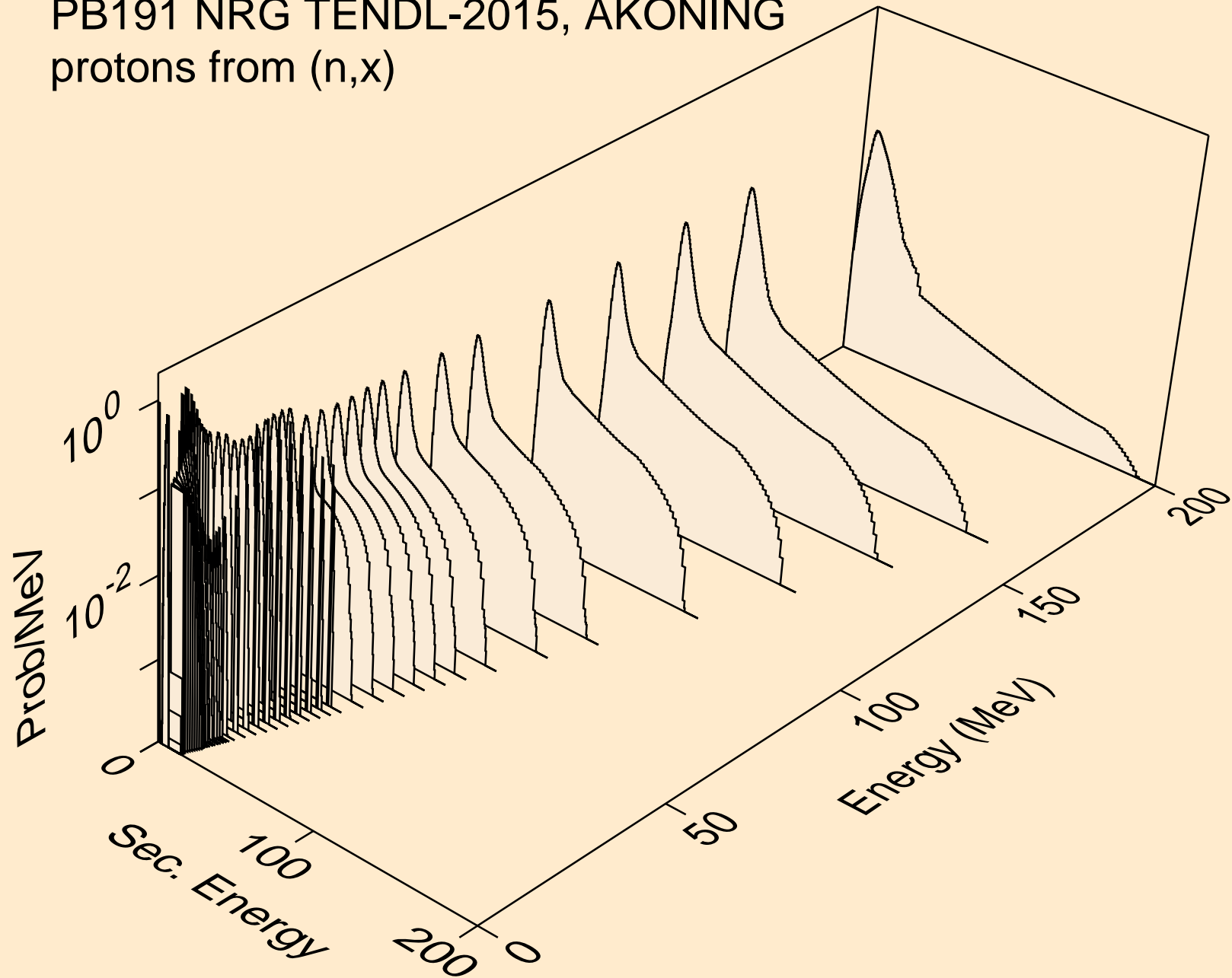


PB191 NRG TENDL-2015, AKONING  
Particle production cross sections

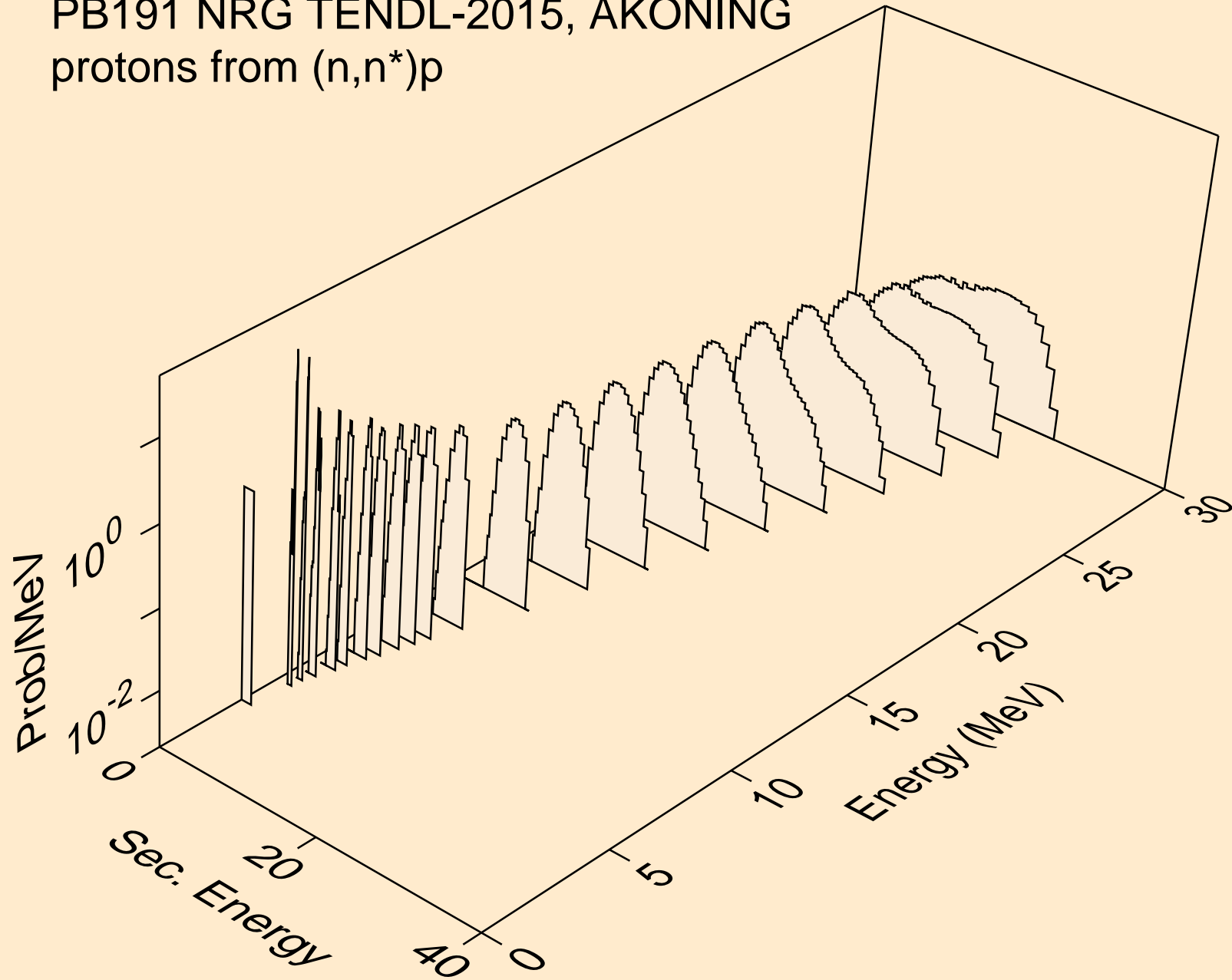




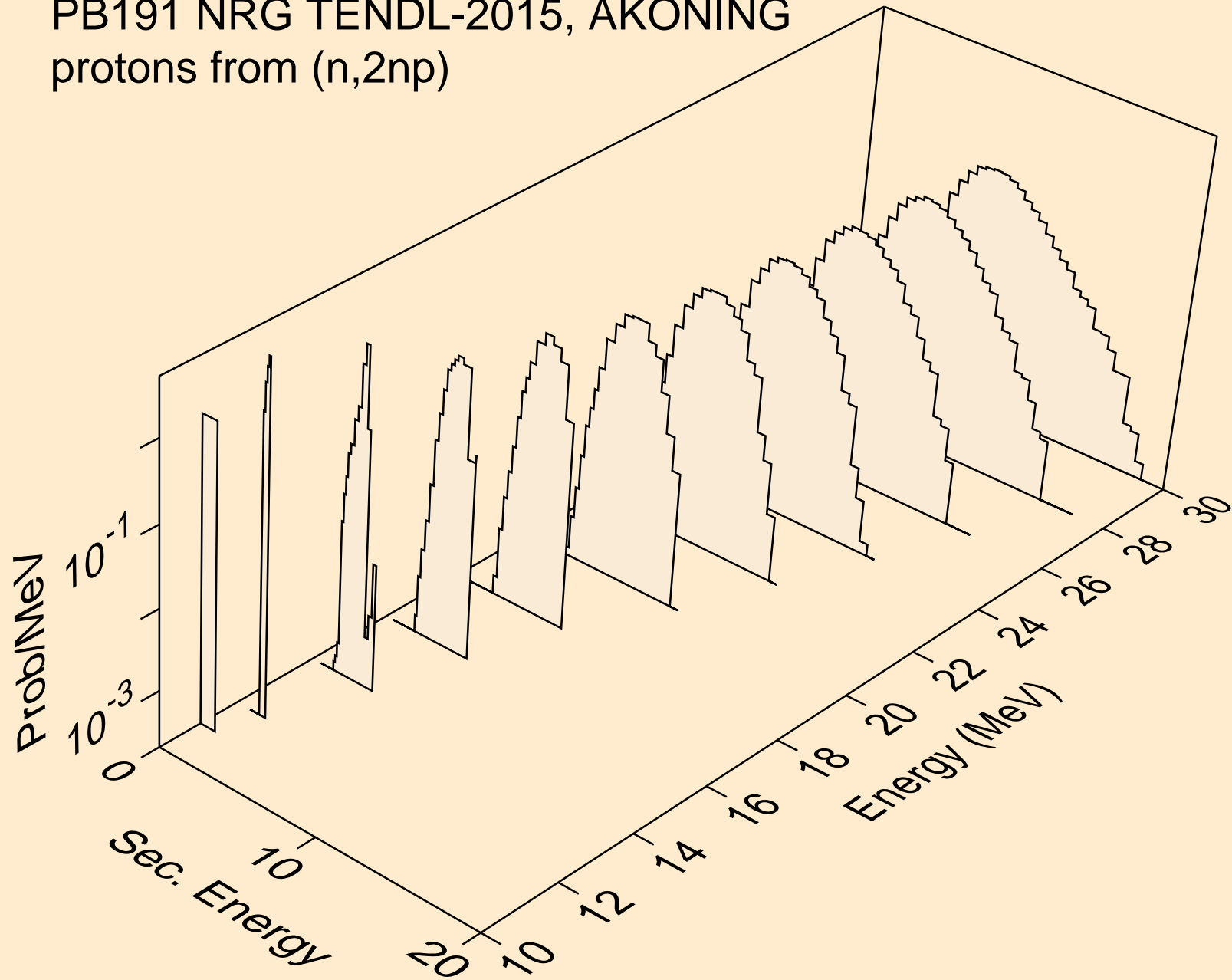
PB191 NRG TENDL-2015, AKONING  
protons from (n,x)



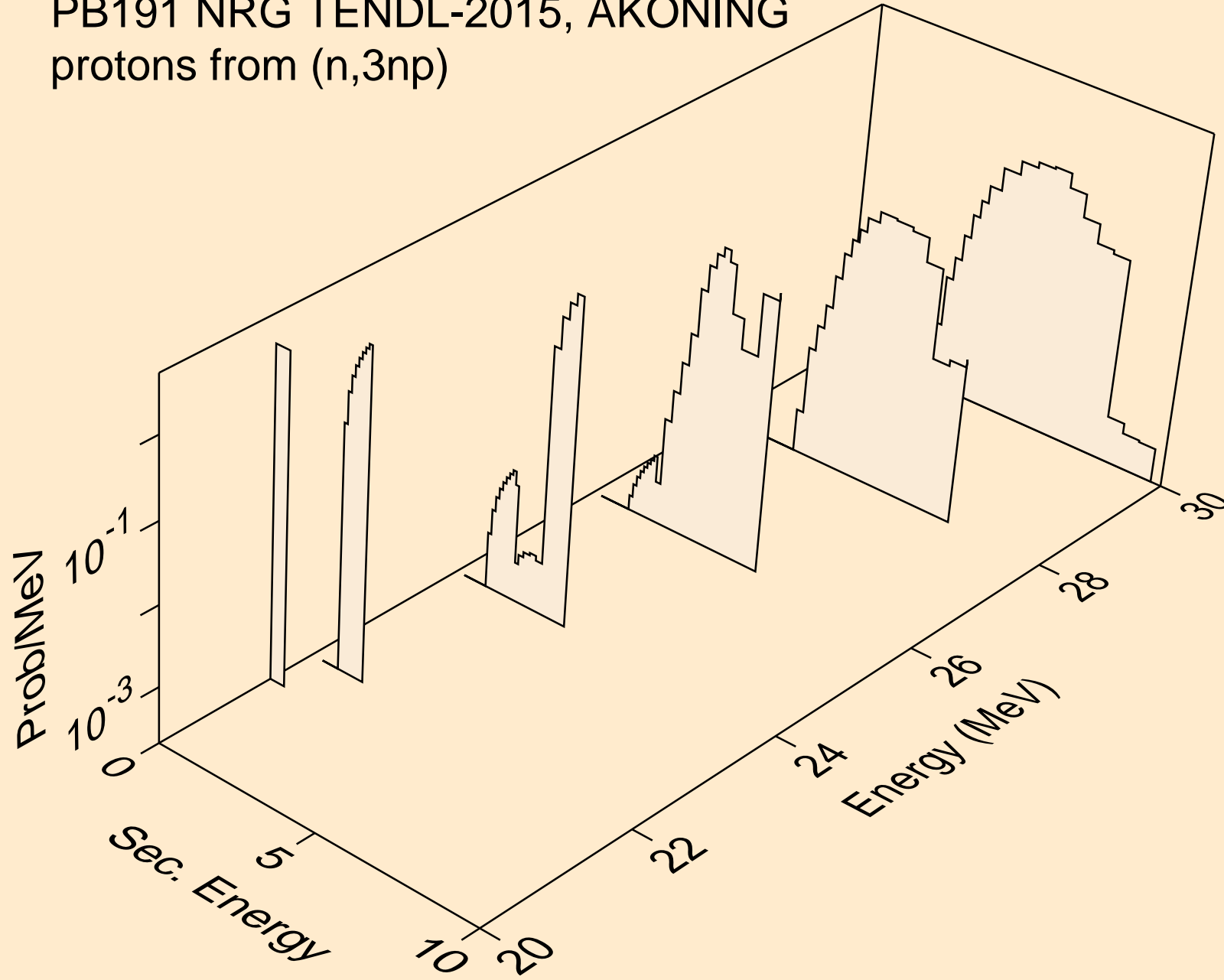
PB191 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



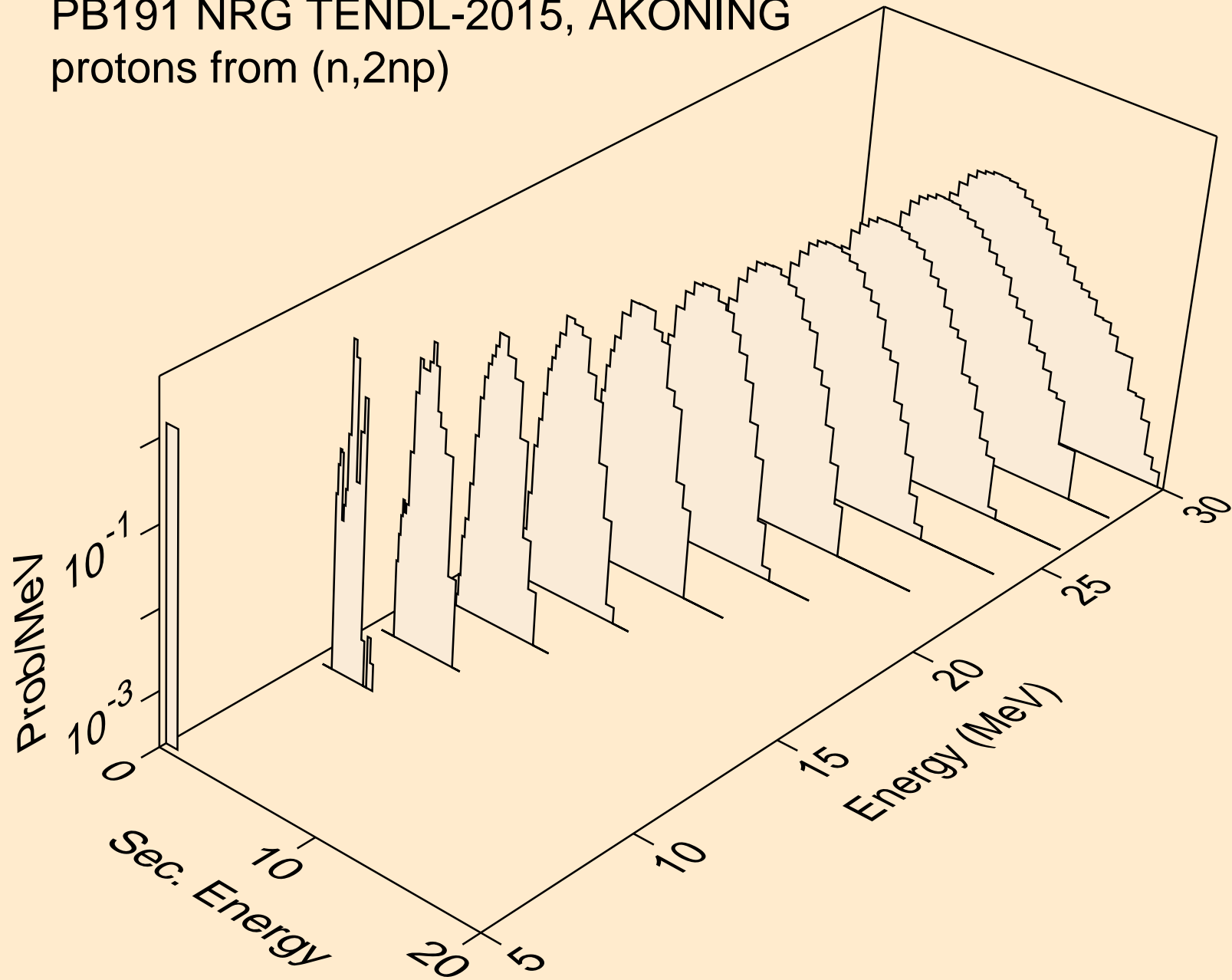
PB191 NRG TENDL-2015, AKONING  
protons from (n,2np)



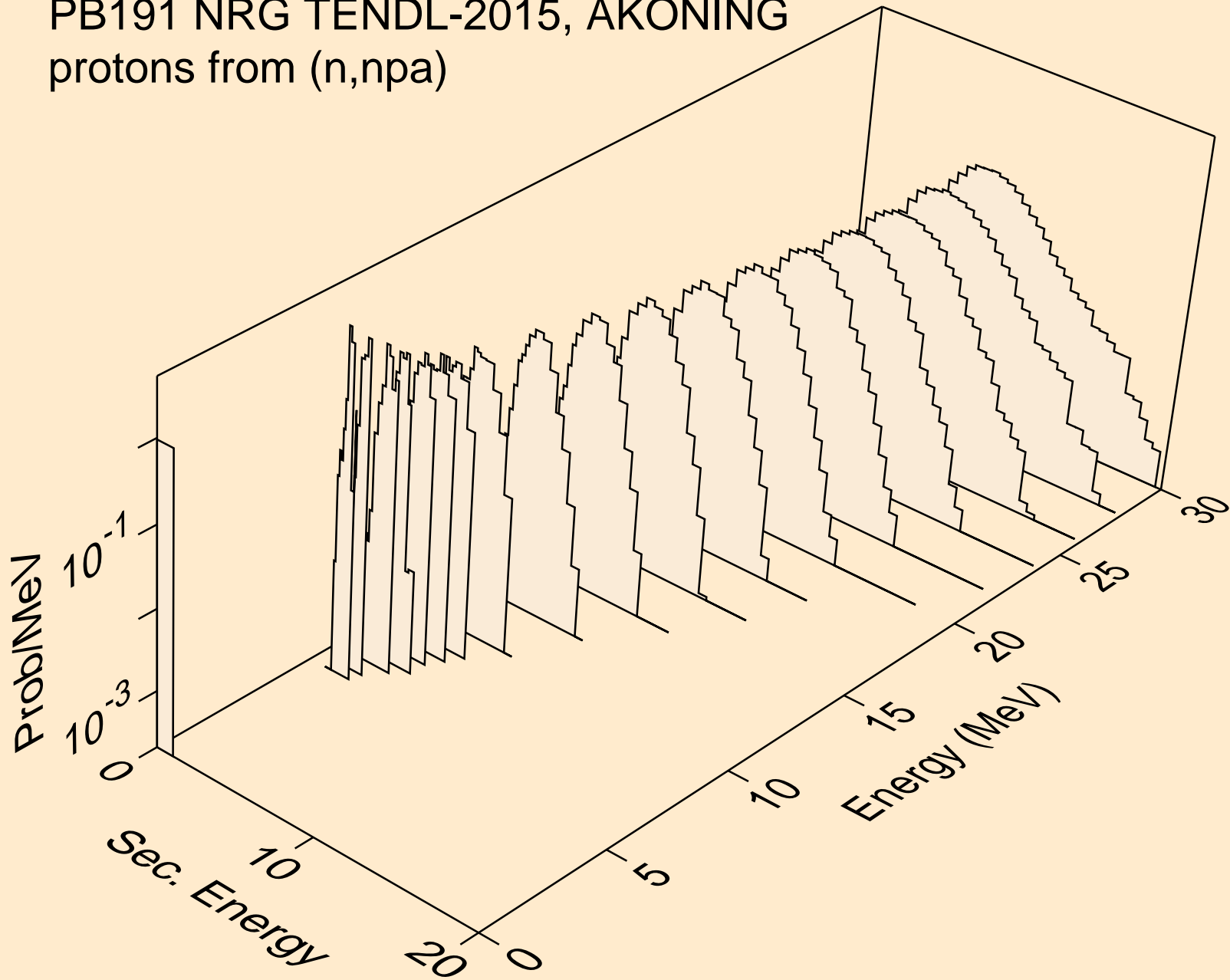
PB191 NRG TENDL-2015, AKONING  
protons from (n,3np)



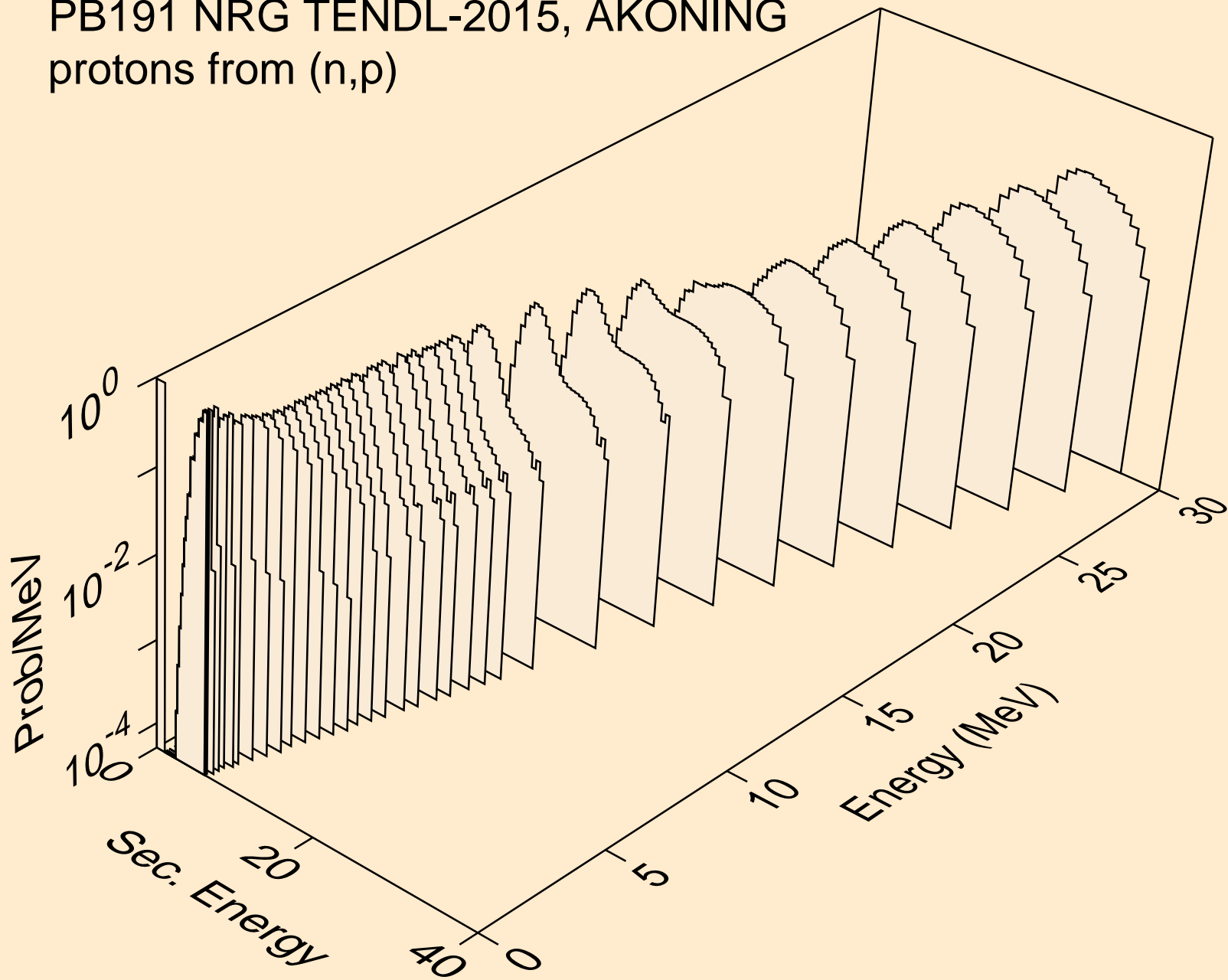
PB191 NRG TENDL-2015, AKONING  
protons from (n,2np)



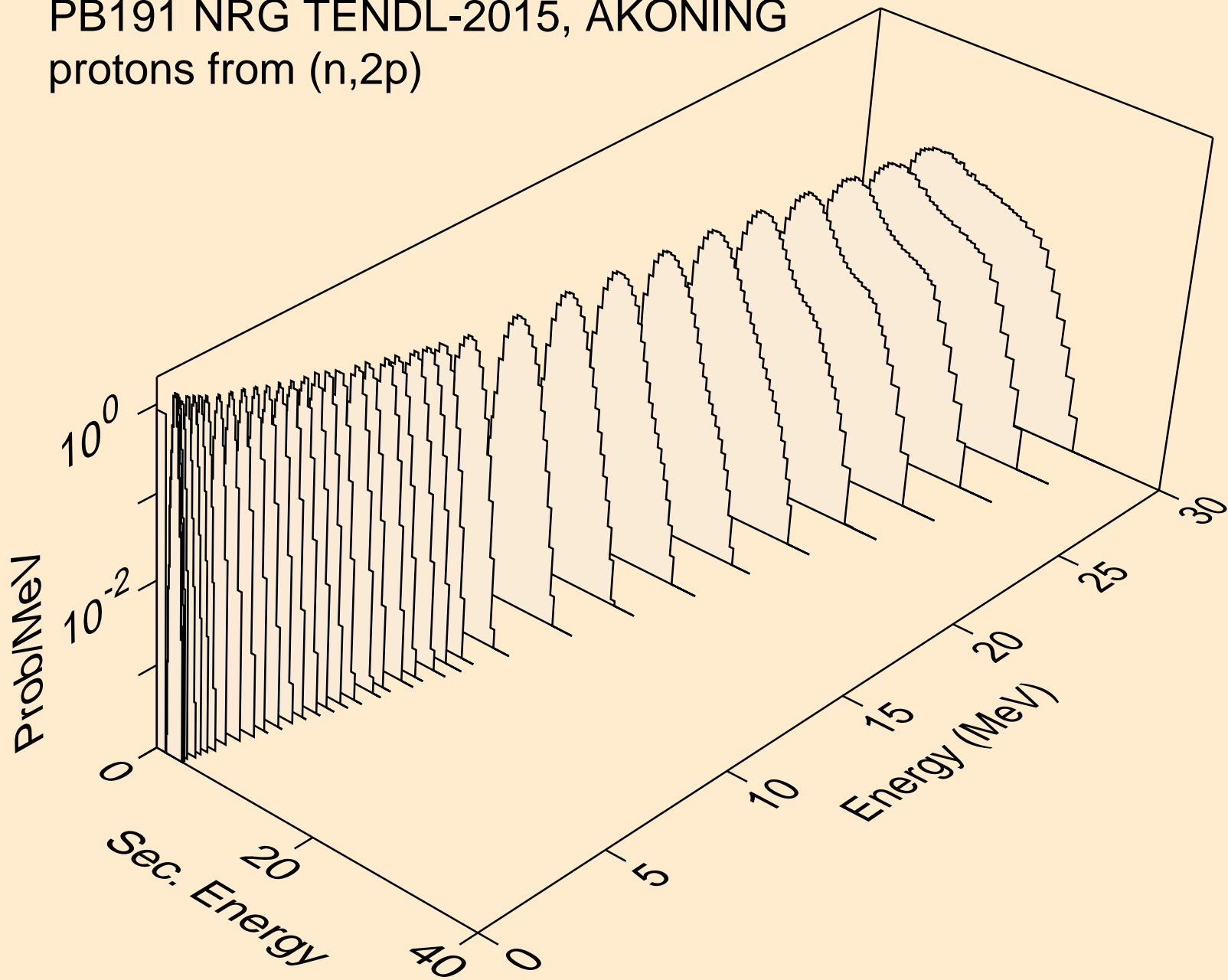
PB191 NRG TENDL-2015, AKONING  
protons from (n,npa)



PB191 NRG TENDL-2015, AKONING  
protons from (n,p)

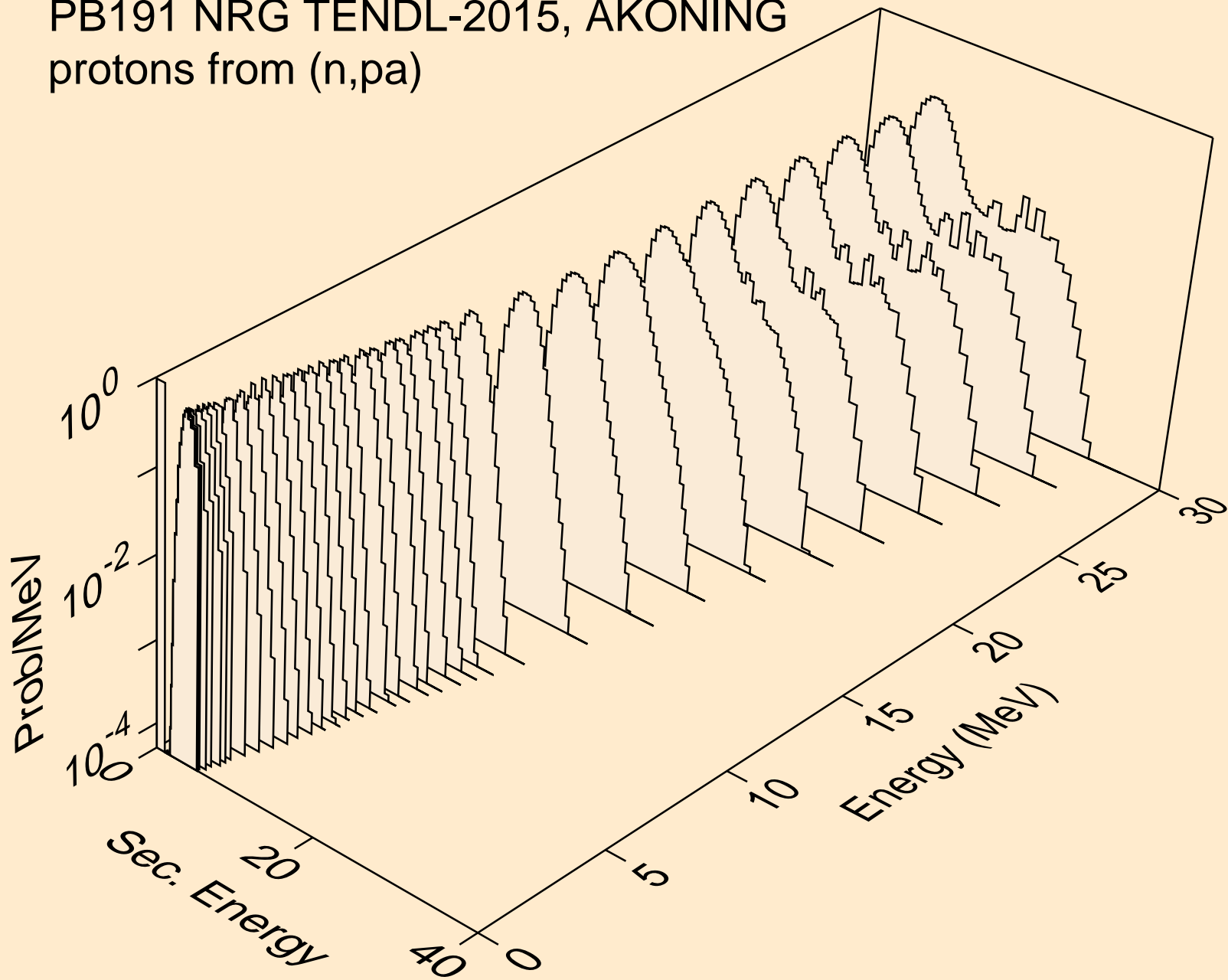


PB191 NRG TENDL-2015, AKONING  
protons from (n,2p)

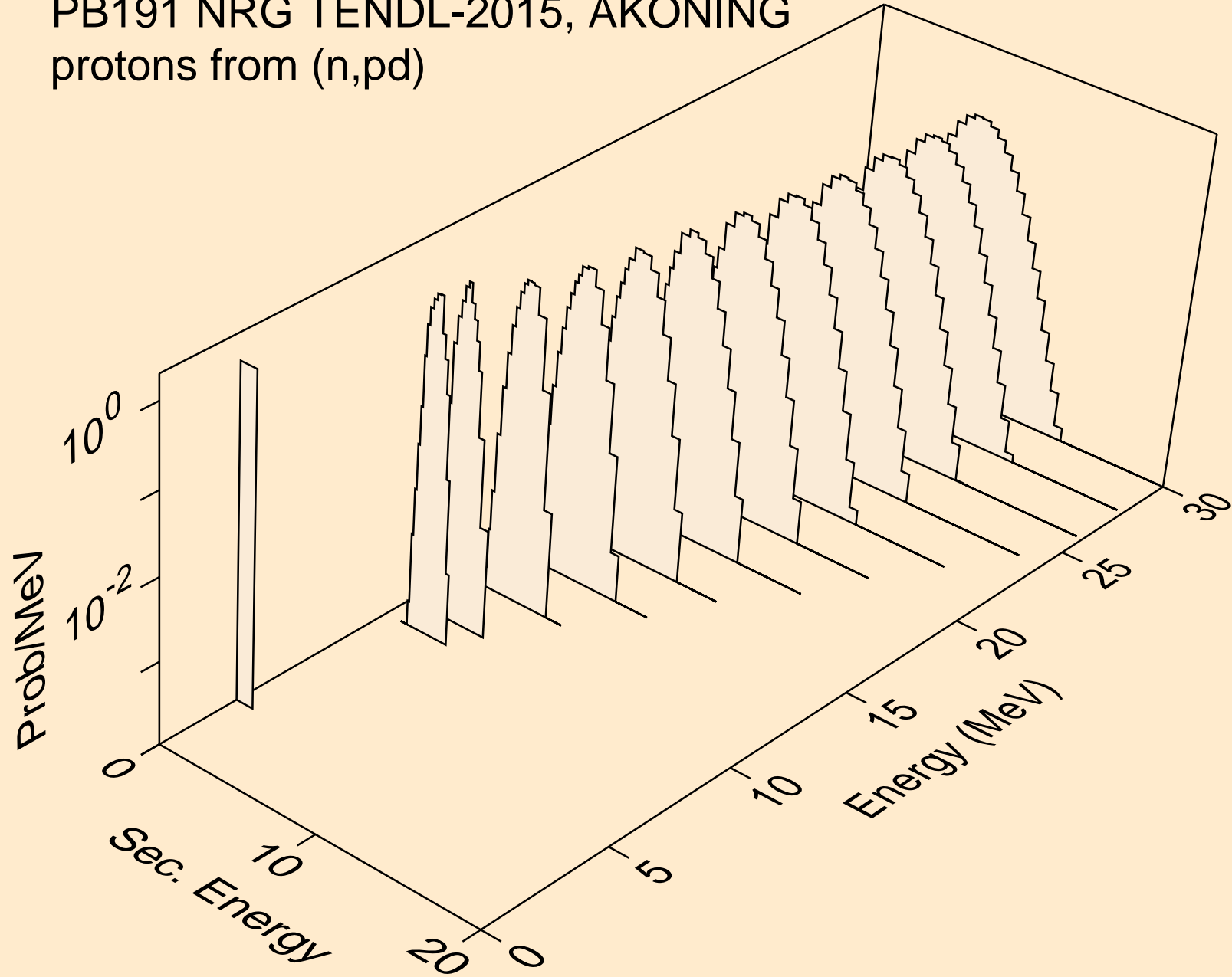




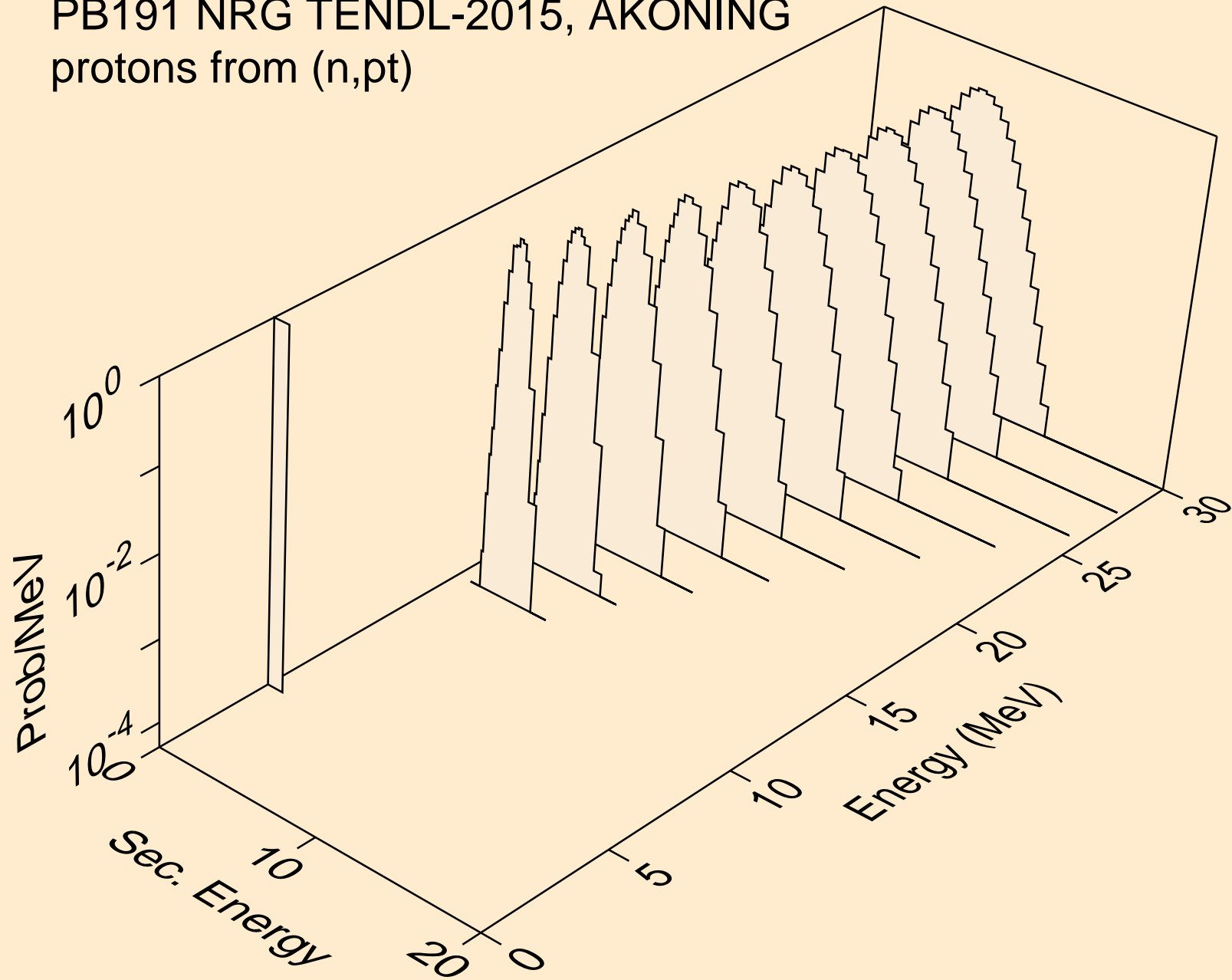
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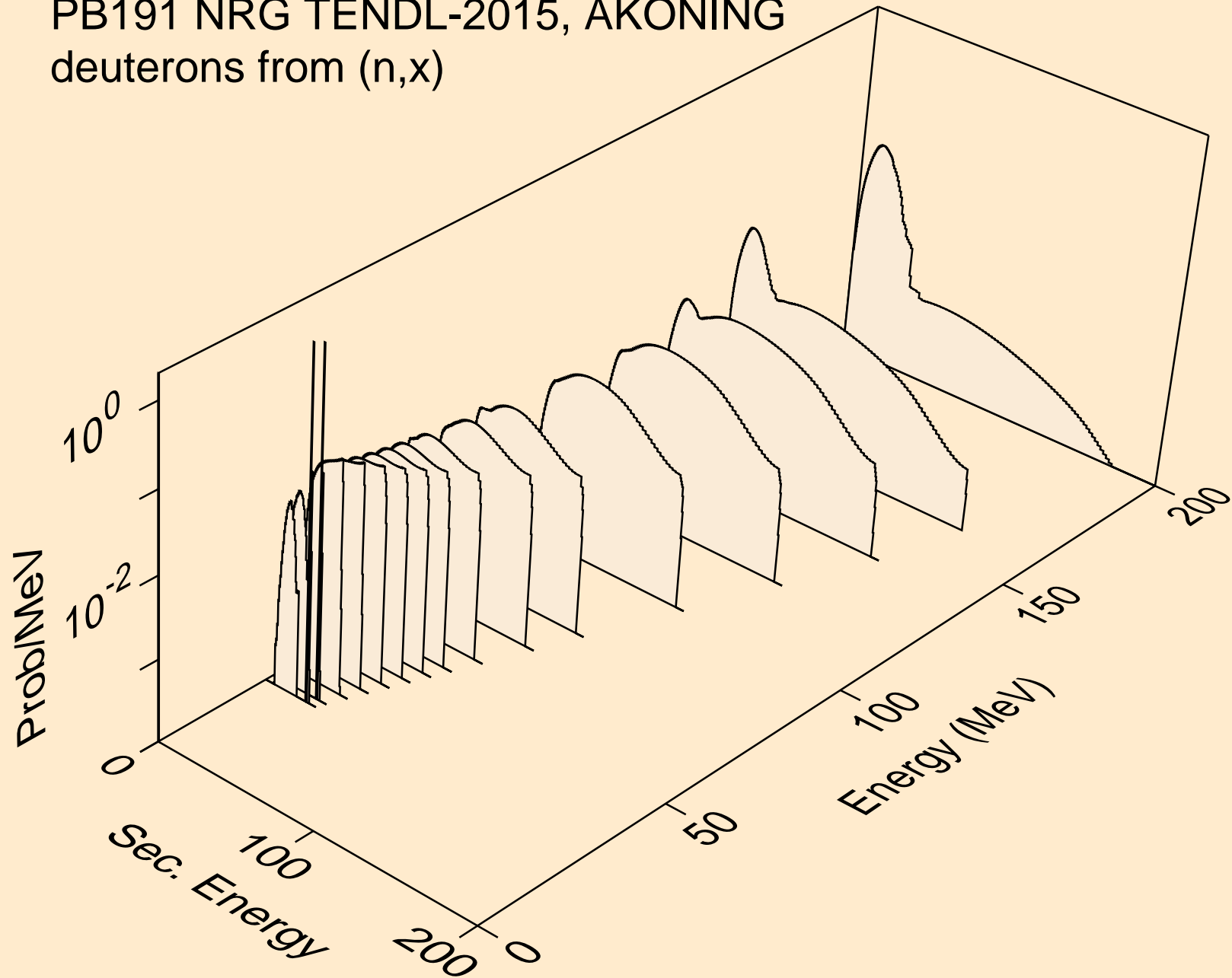
PB191 NRG TENDL-2015, AKONING  
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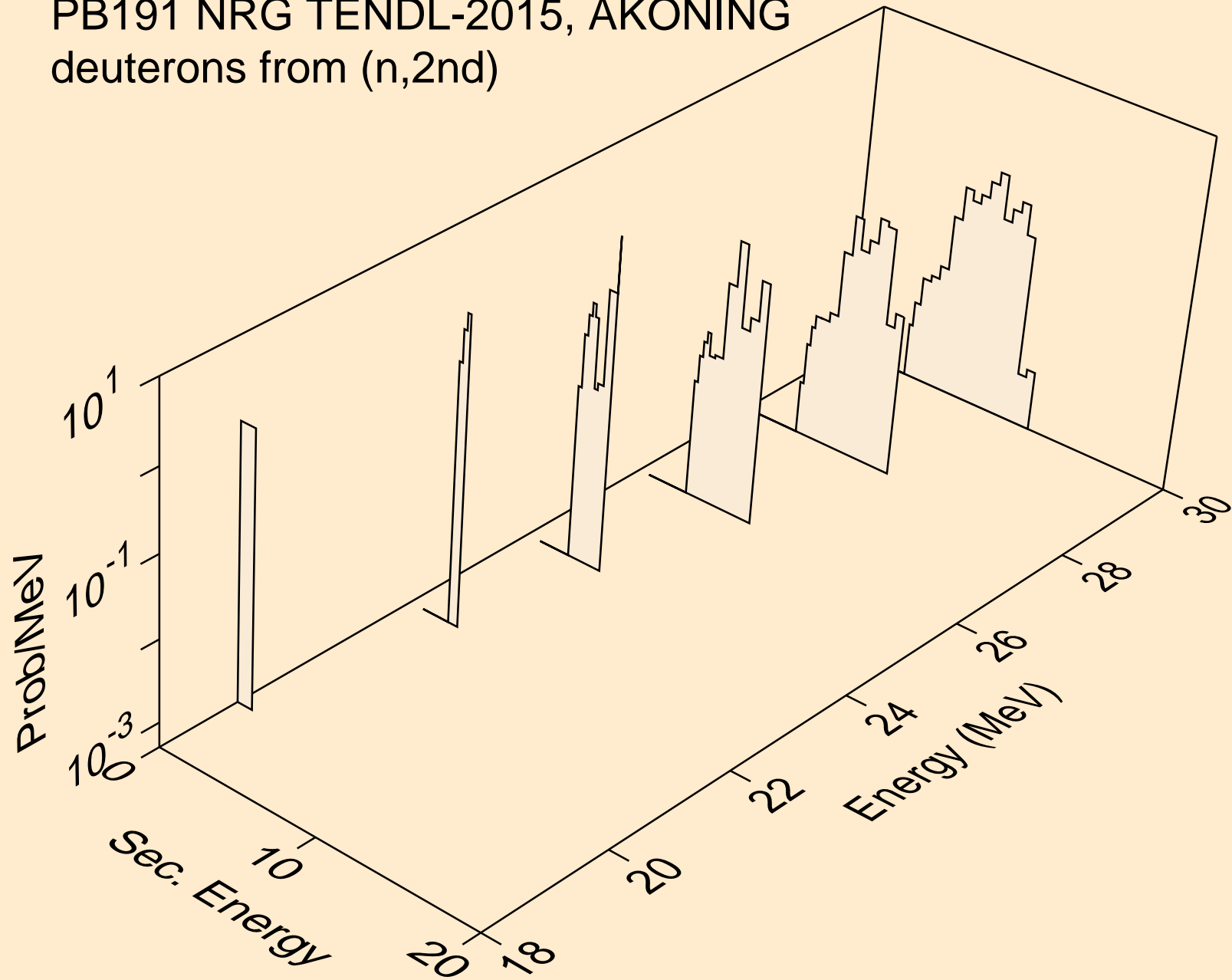
PB191 NRG TENDL-2015, AKONING  
protons from (n,pt)



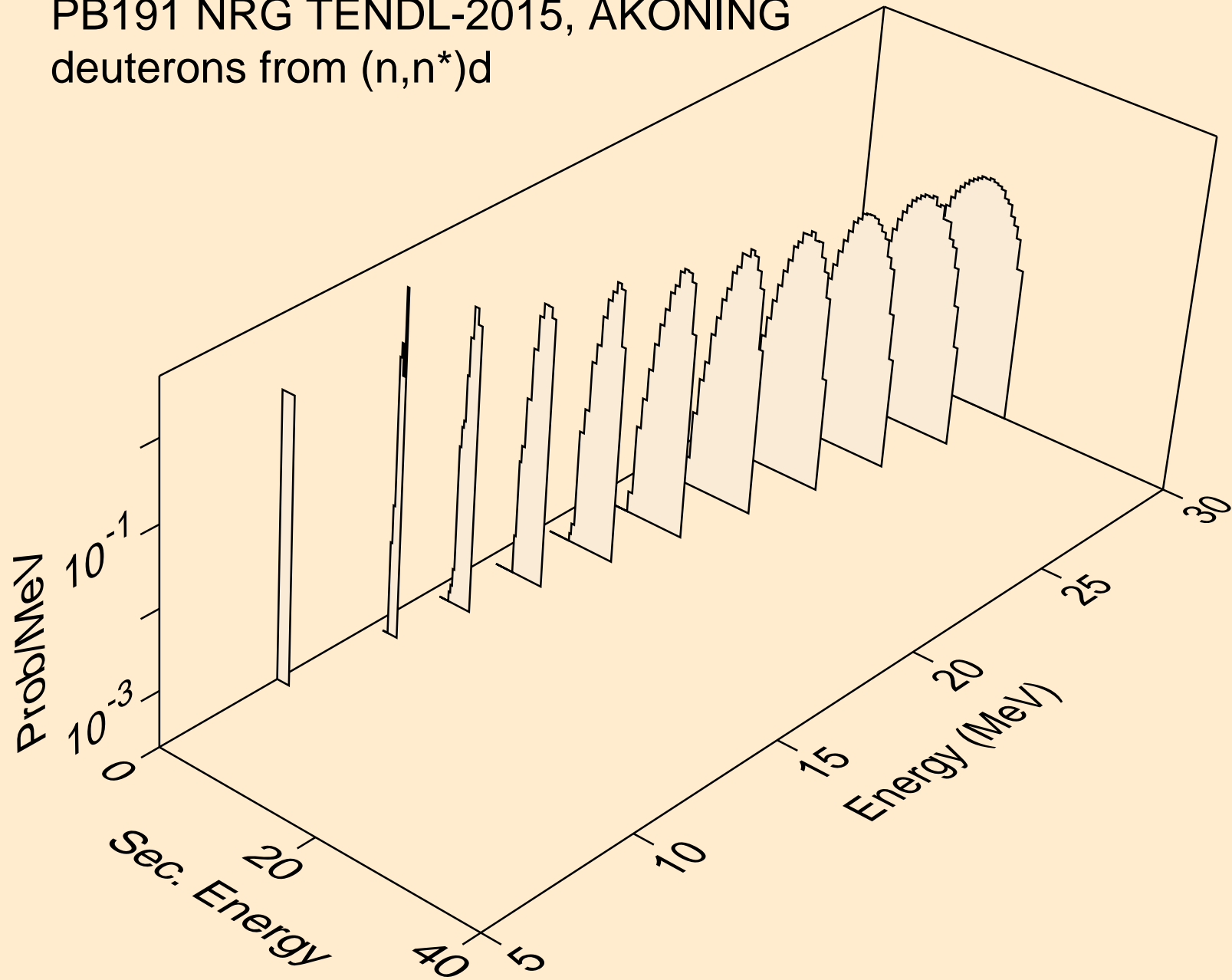
PB191 NRG TENDL-2015, AKONING  
deuterons from (n,x)



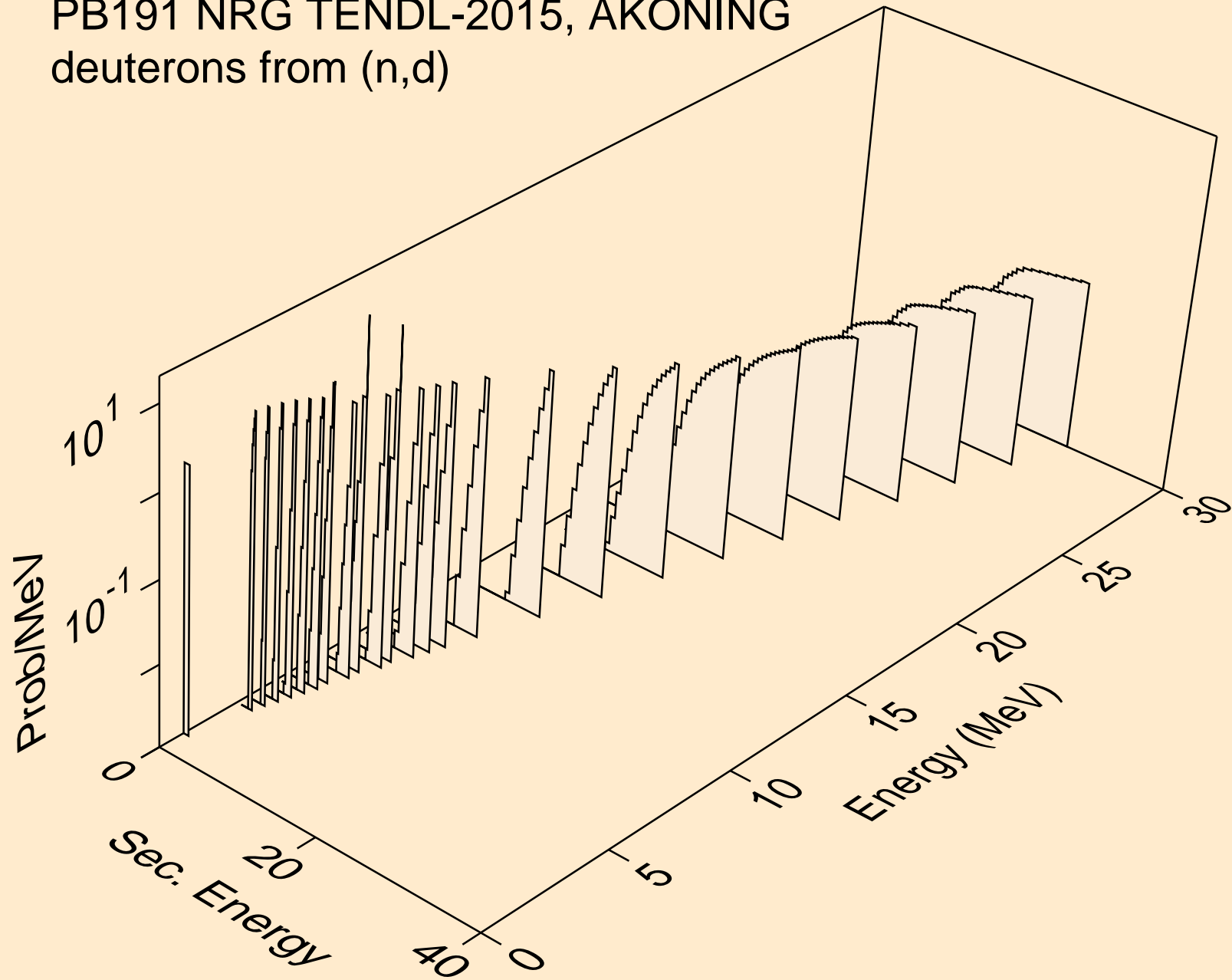
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deuterons from (n,2nd)



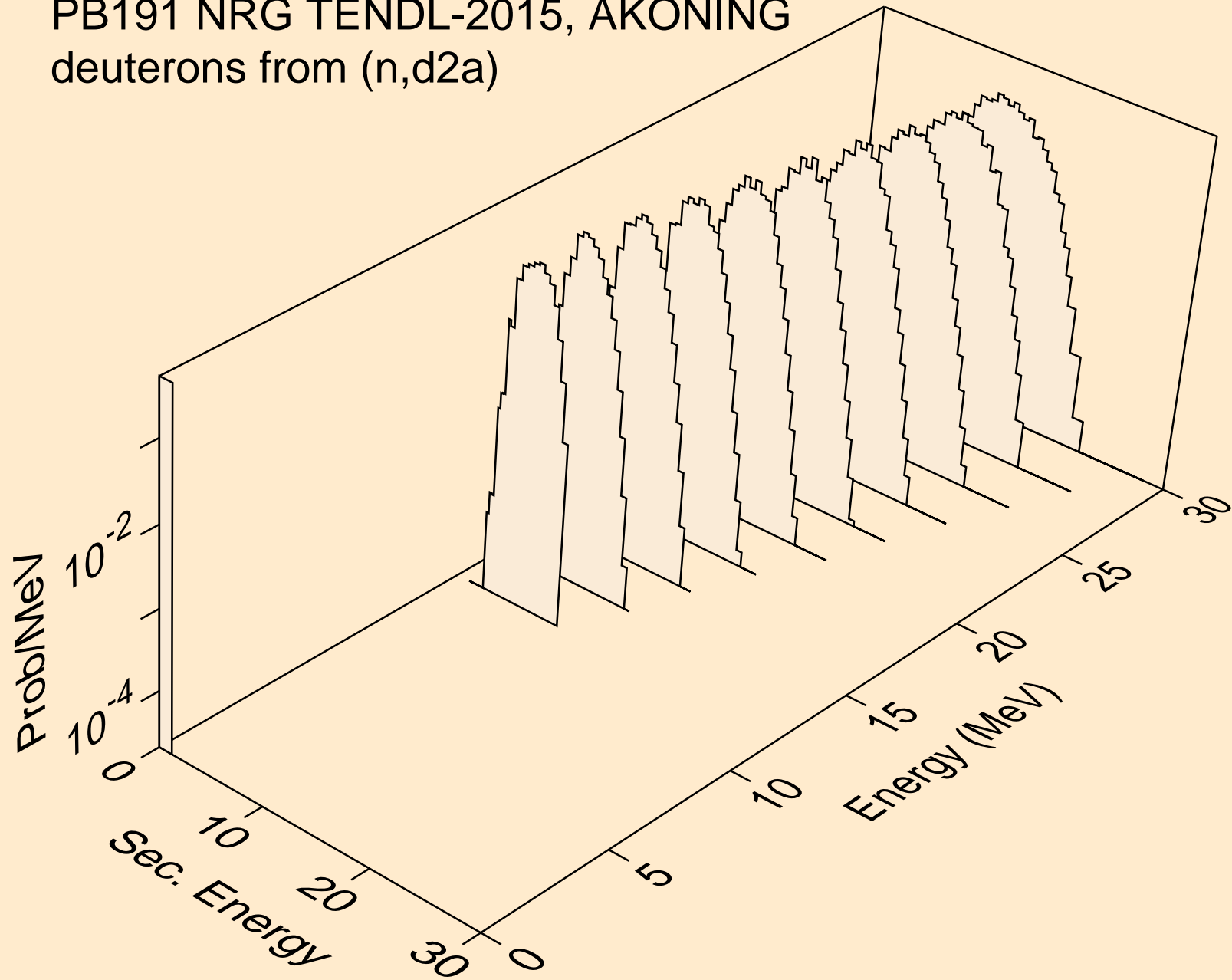
PB191 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PB191 NRG TENDL-2015, AKONING  
deuterons from (n,d)

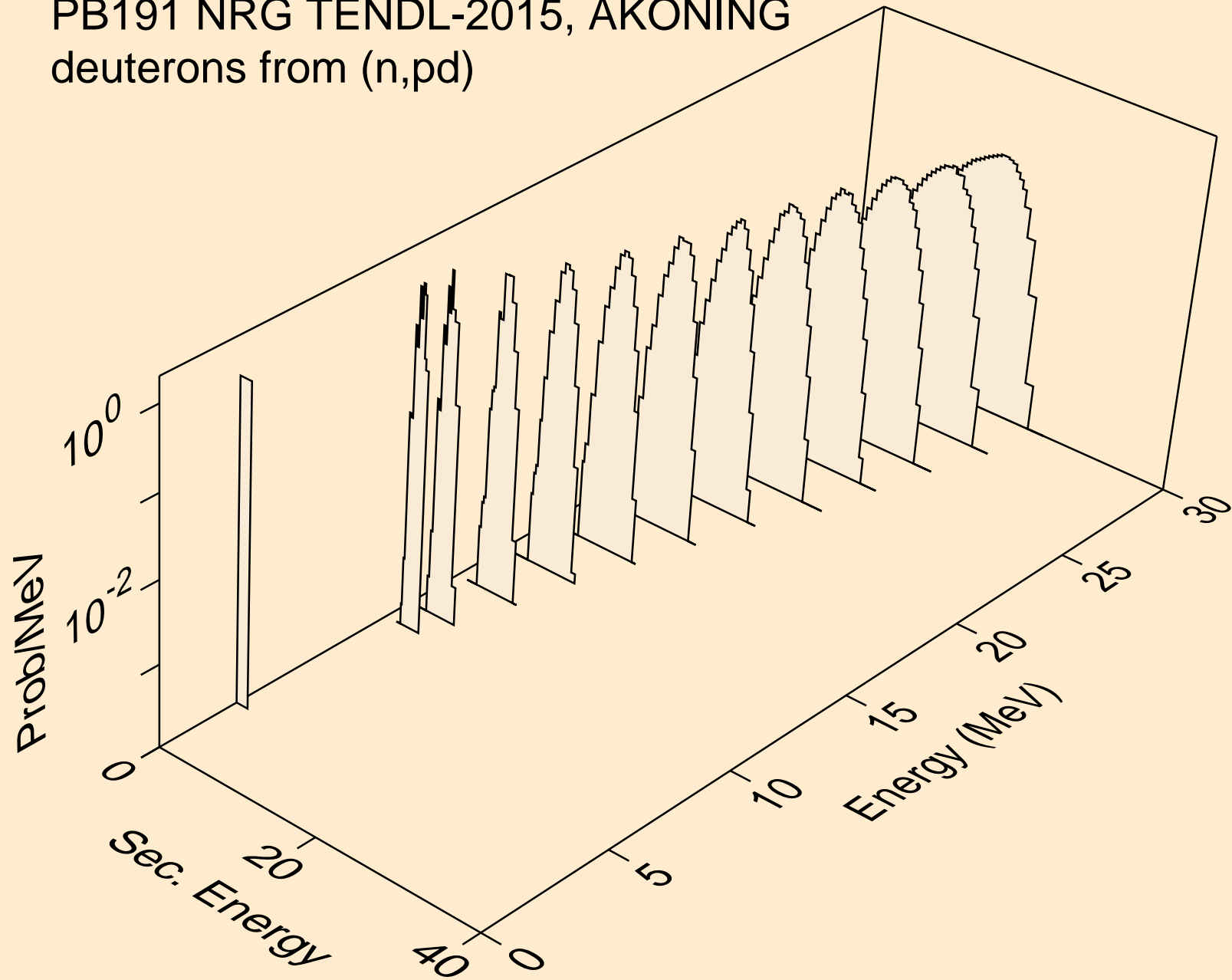


PB191 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

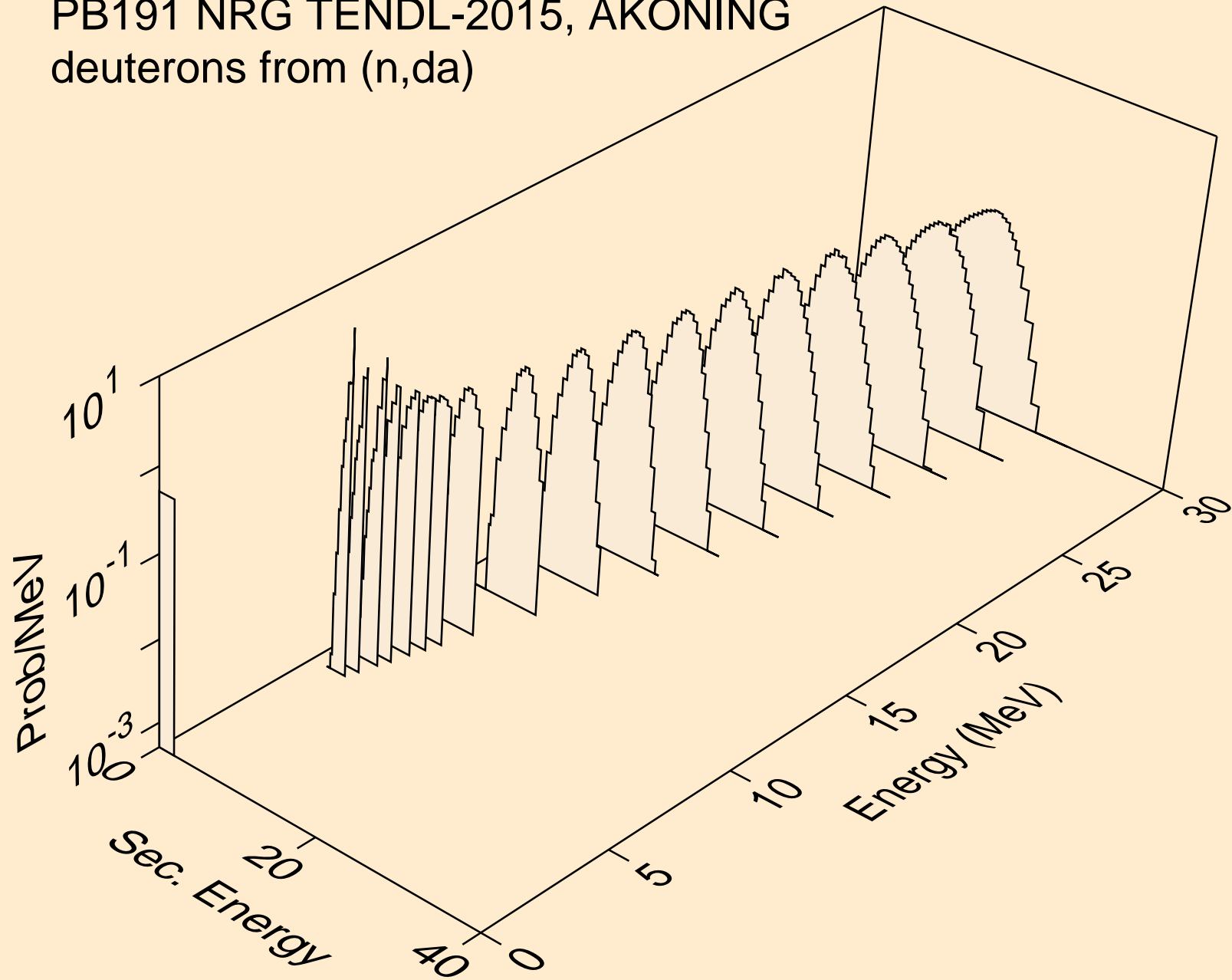




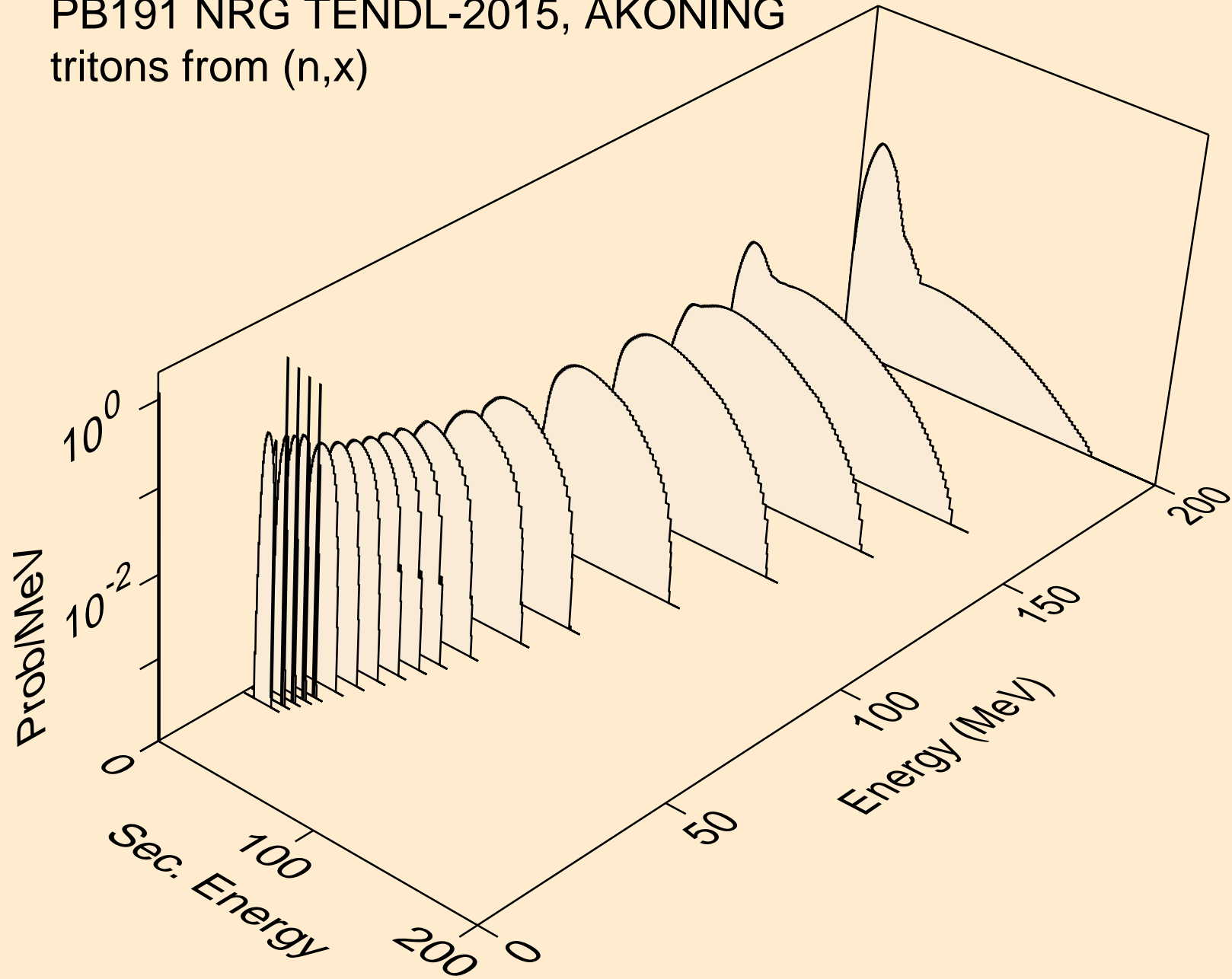
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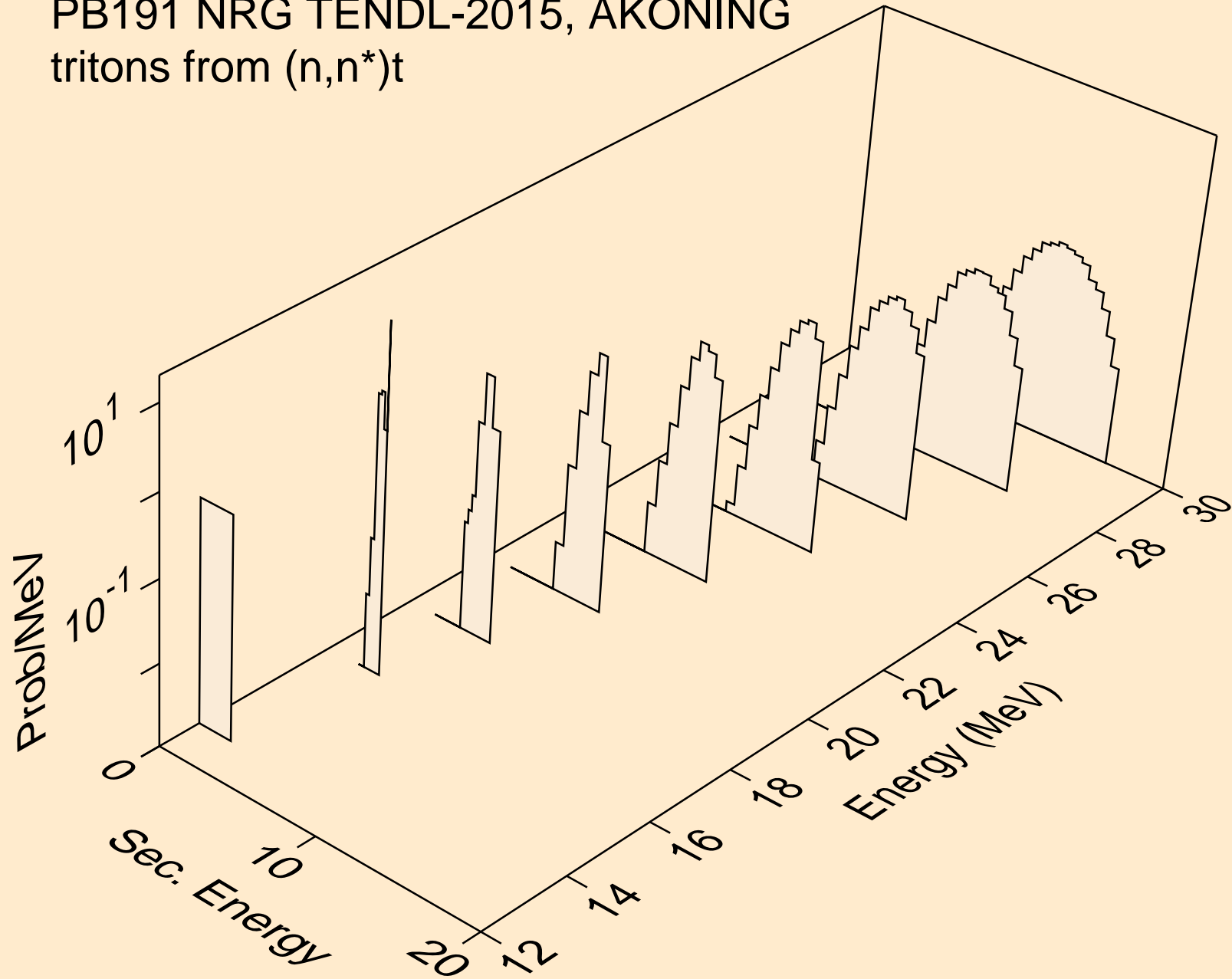
PB191 NRG TENDL-2015, AKONING  
deuterons from (n,da)



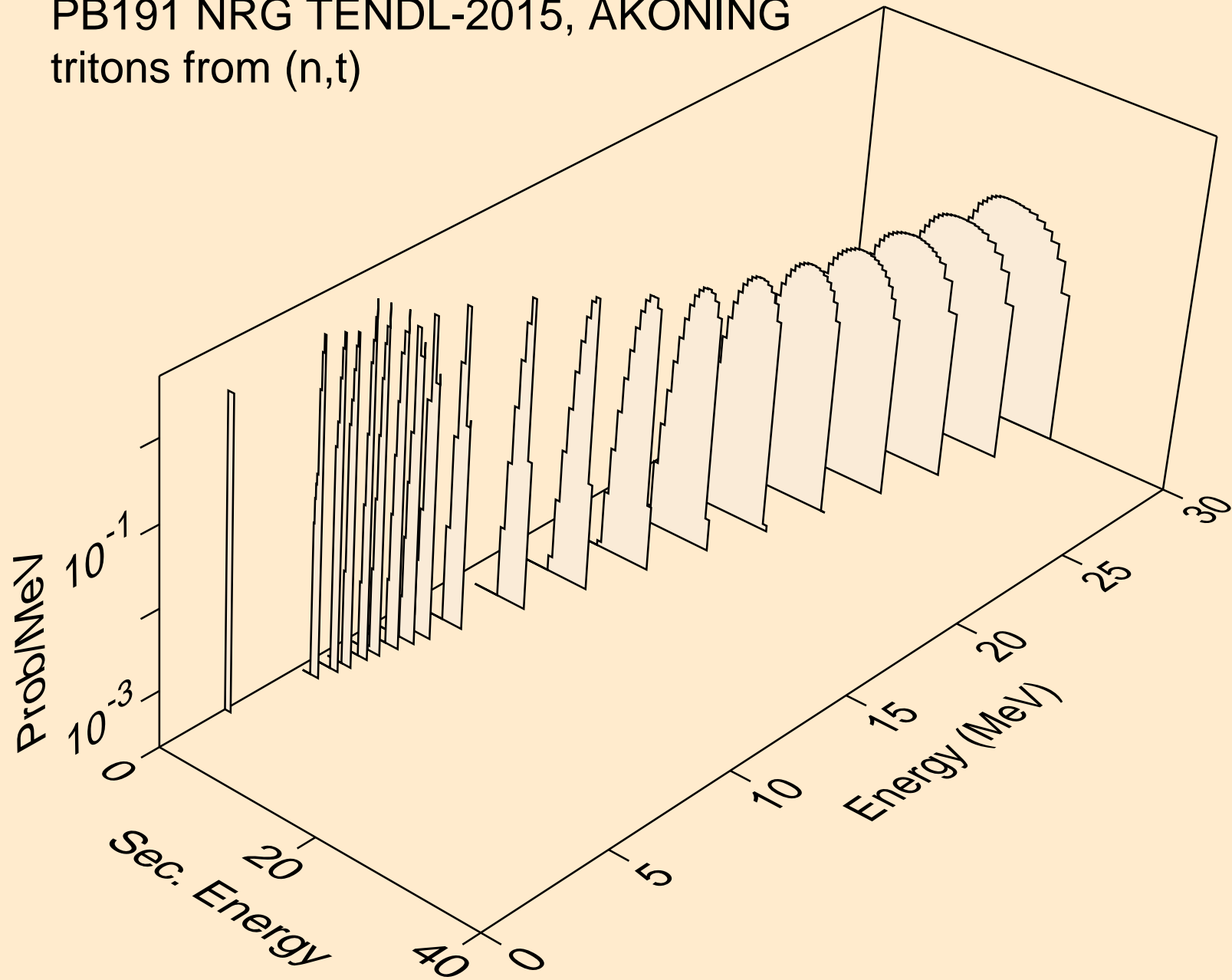
PB191 NRG TENDL-2015, AKONING  
tritons from (n,x)



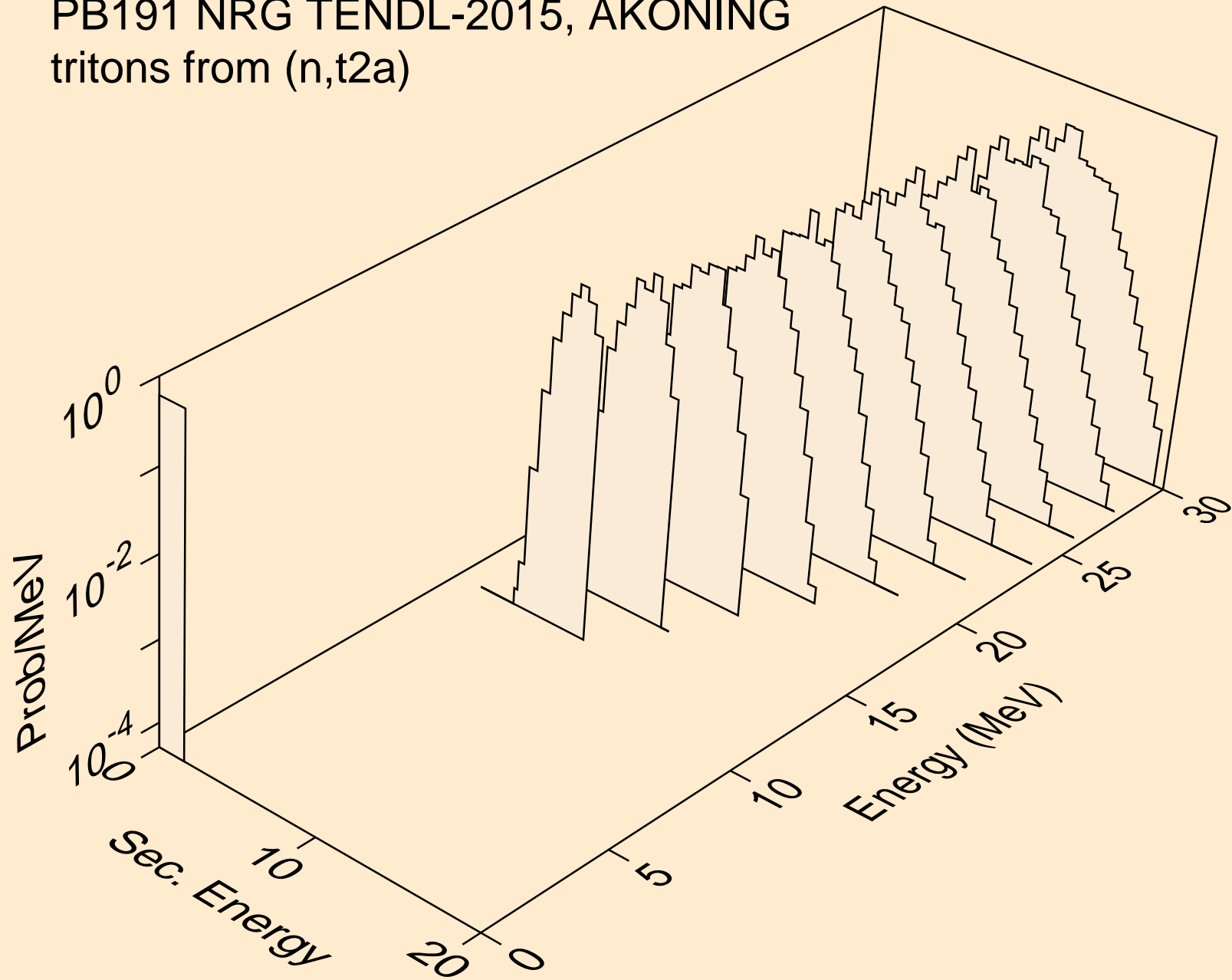
PB191 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



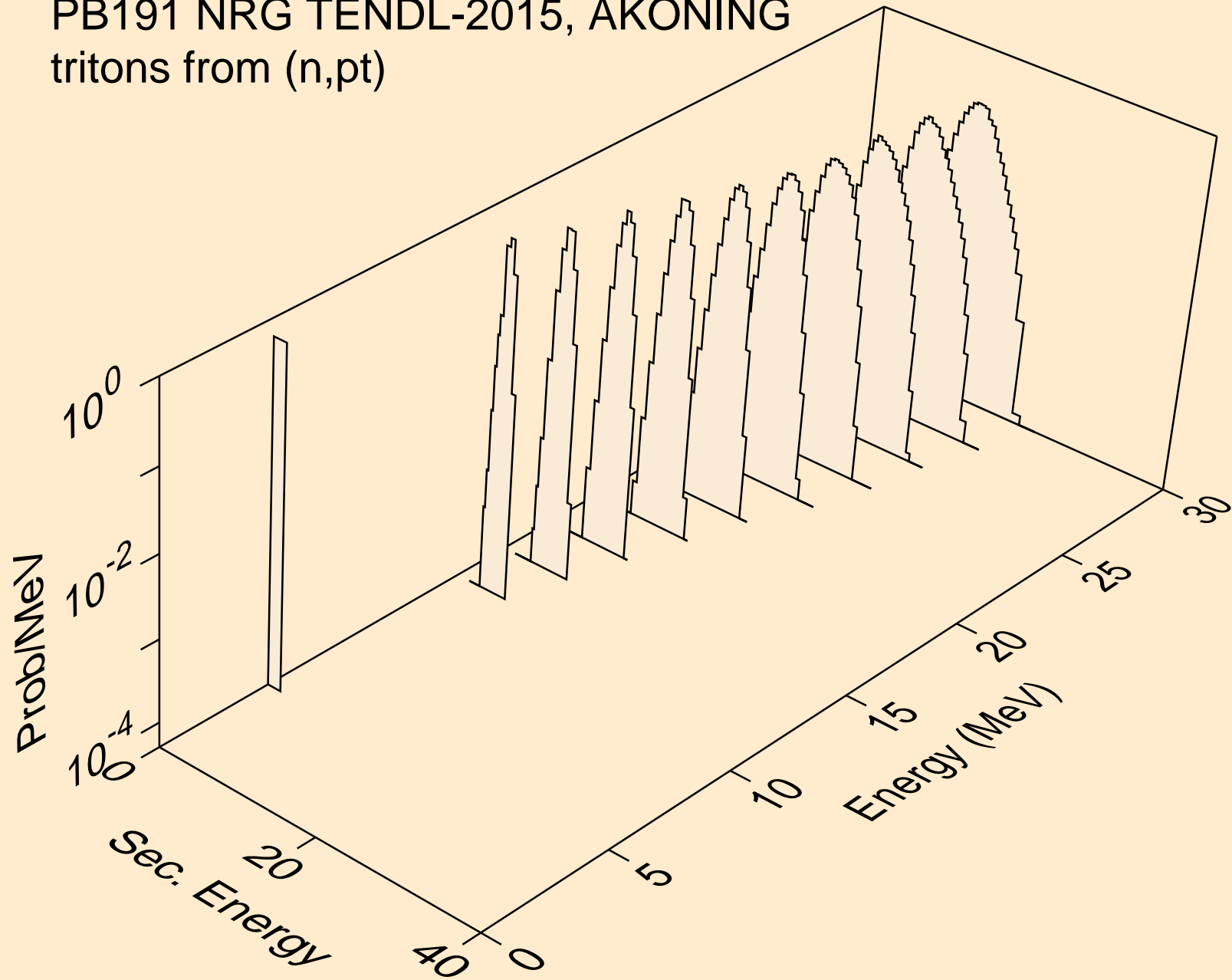
PB191 NRG TENDL-2015, AKONING  
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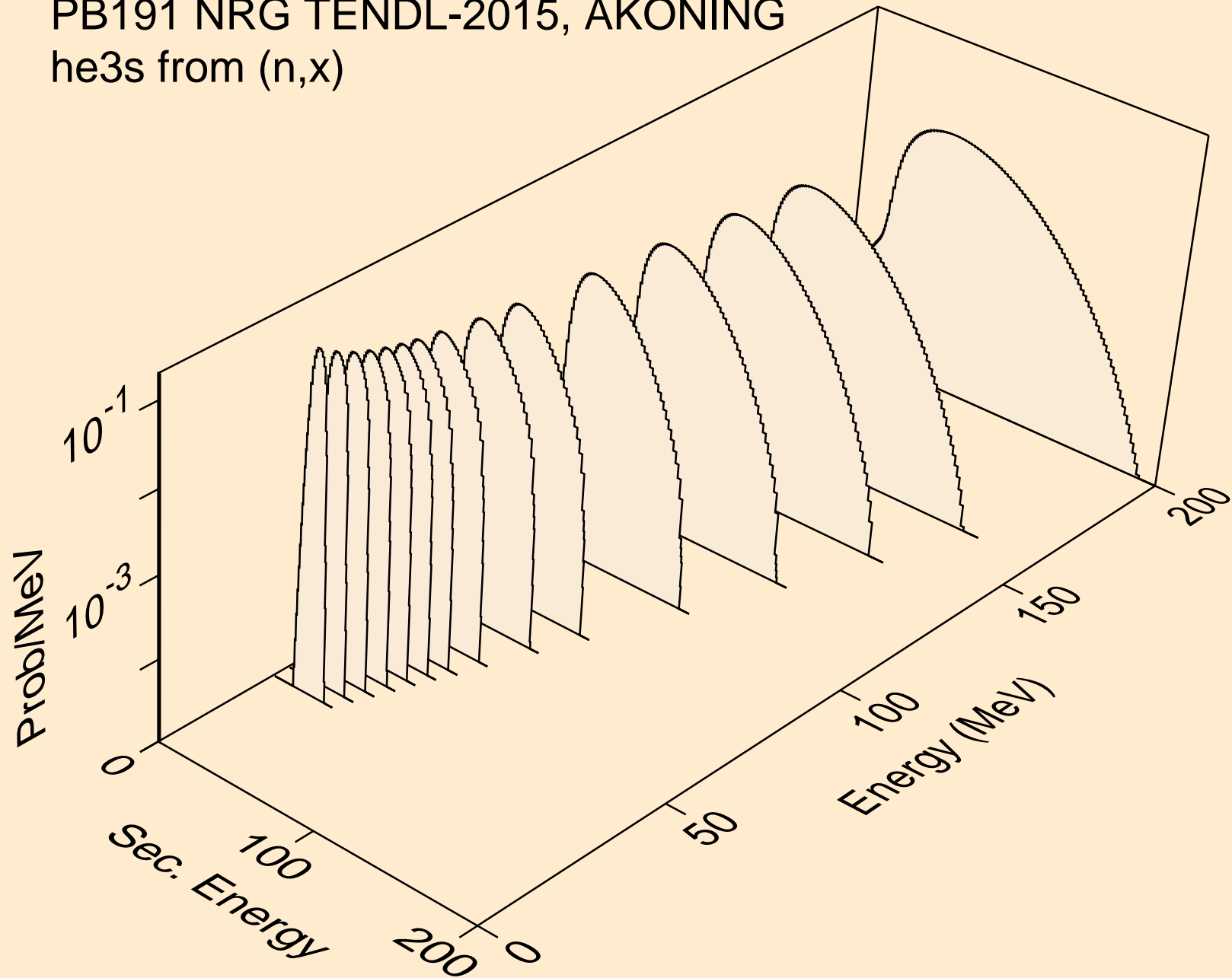
PB191 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



PB191 NRG TENDL-2015, AKONING  
tritons from (n,pt)

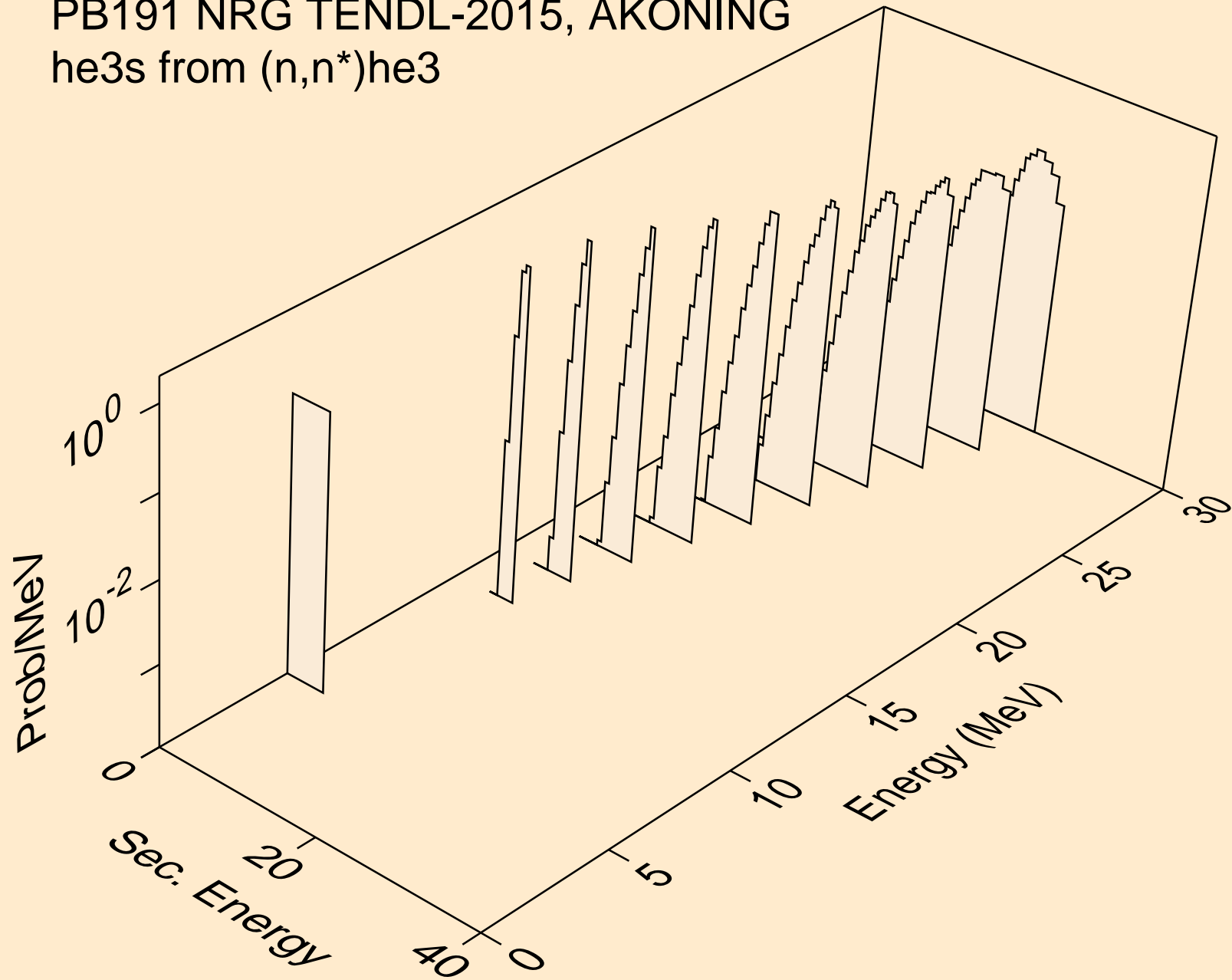


PB191 NRG TENDL-2015, AKONING  
he3s from (n,x)

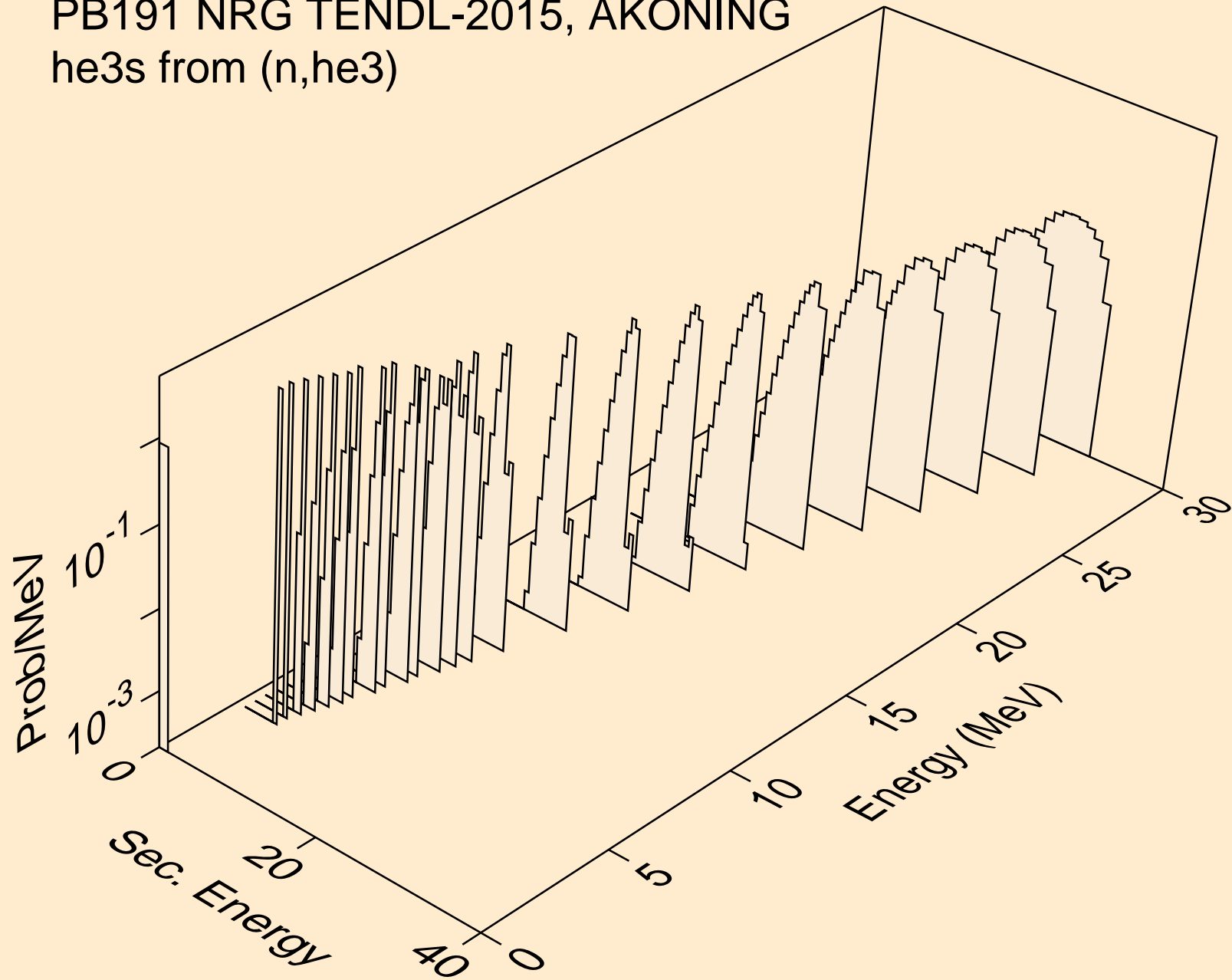




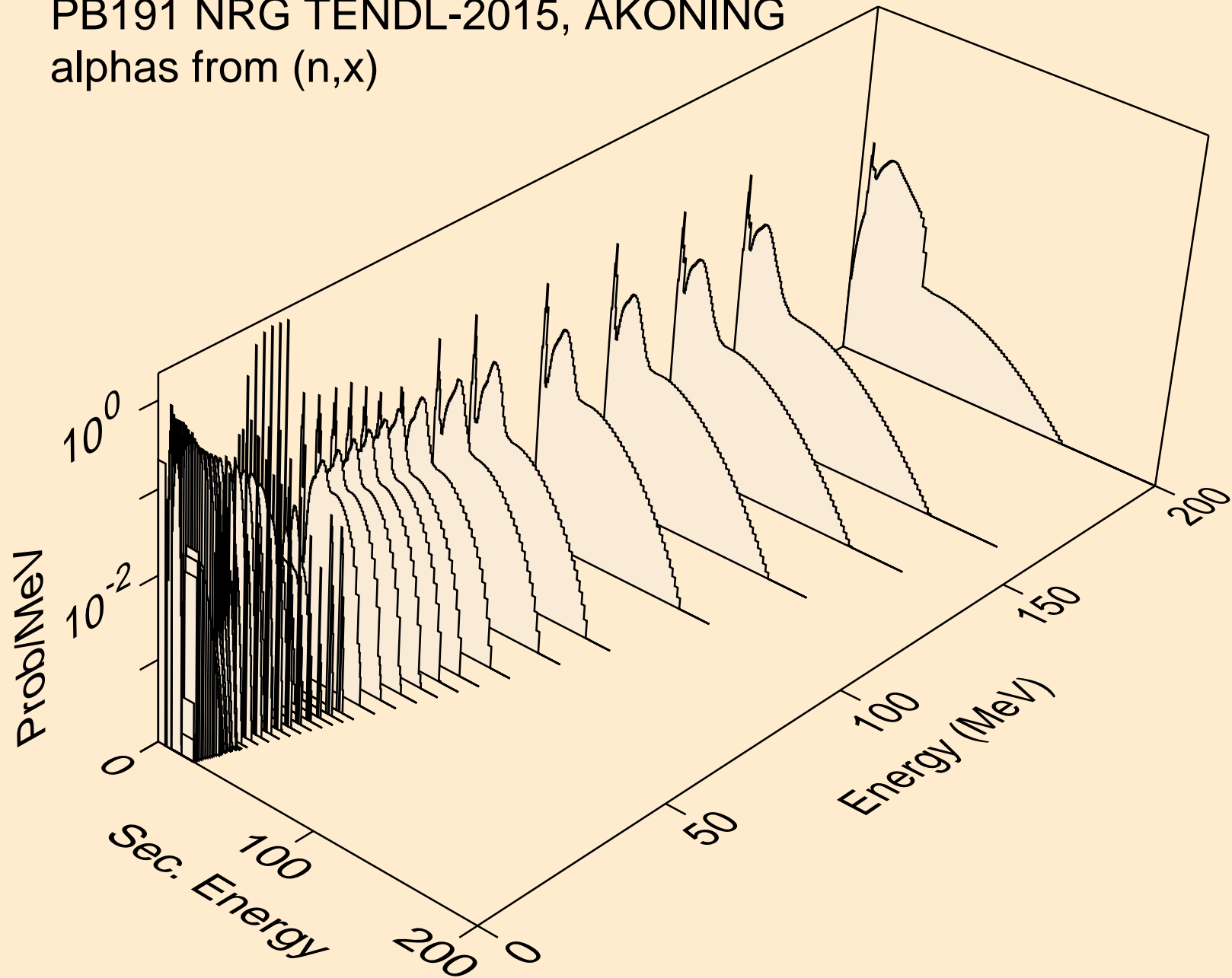
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he3s from (n,n\*)he3



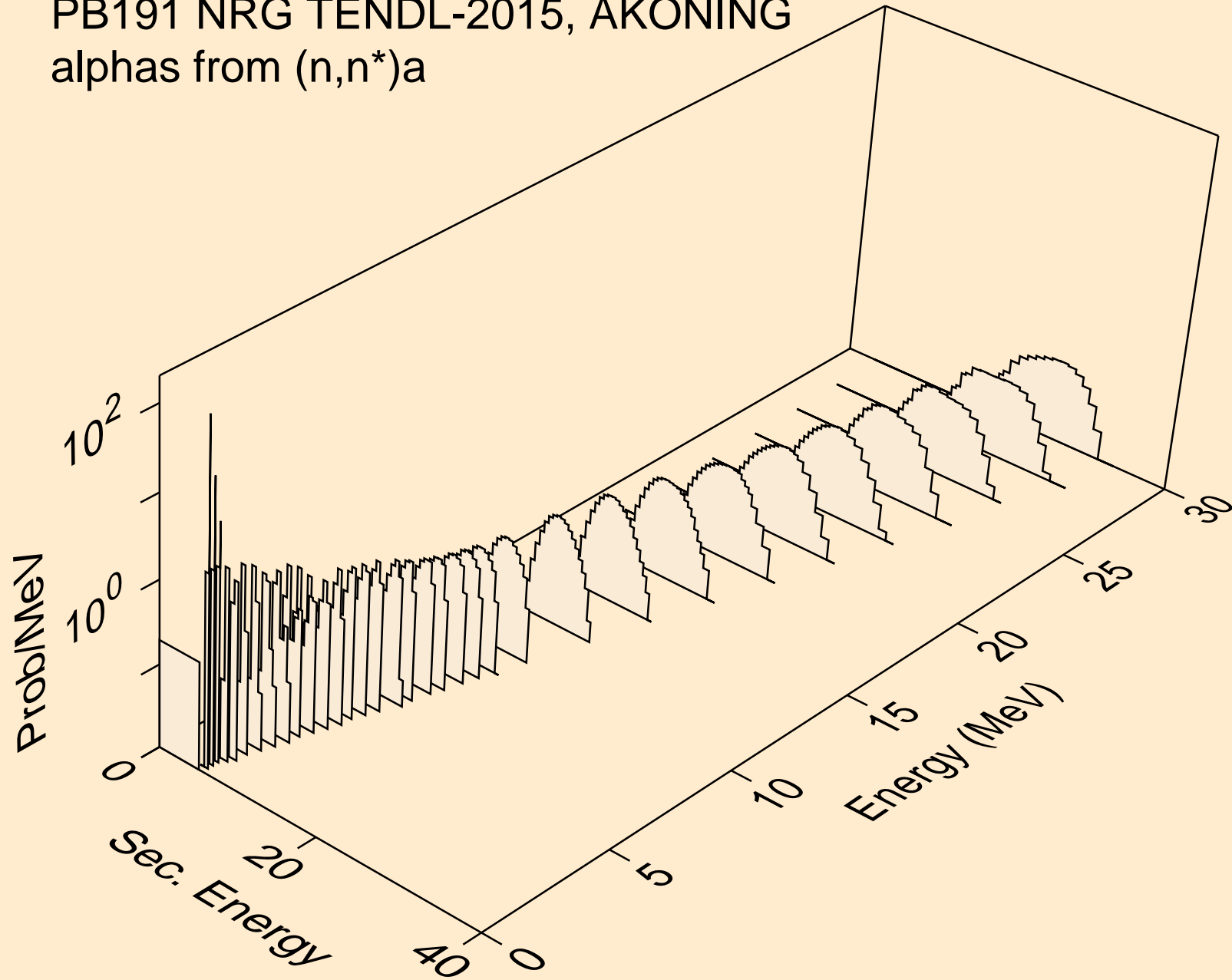
PB191 NRG TENDL-2015, AKONING  
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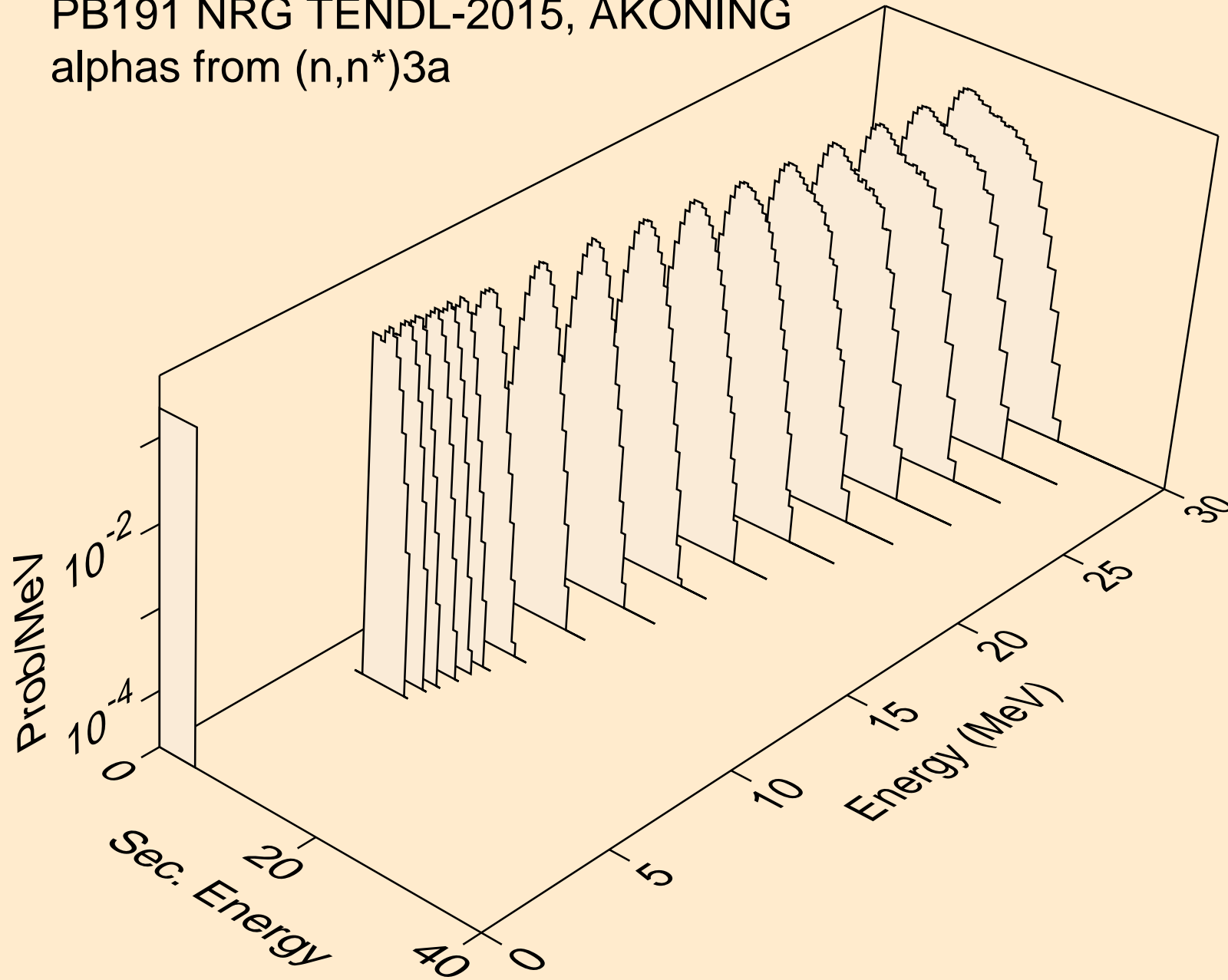
PB191 NRG TENDL-2015, AKONING  
alphas from (n,x)



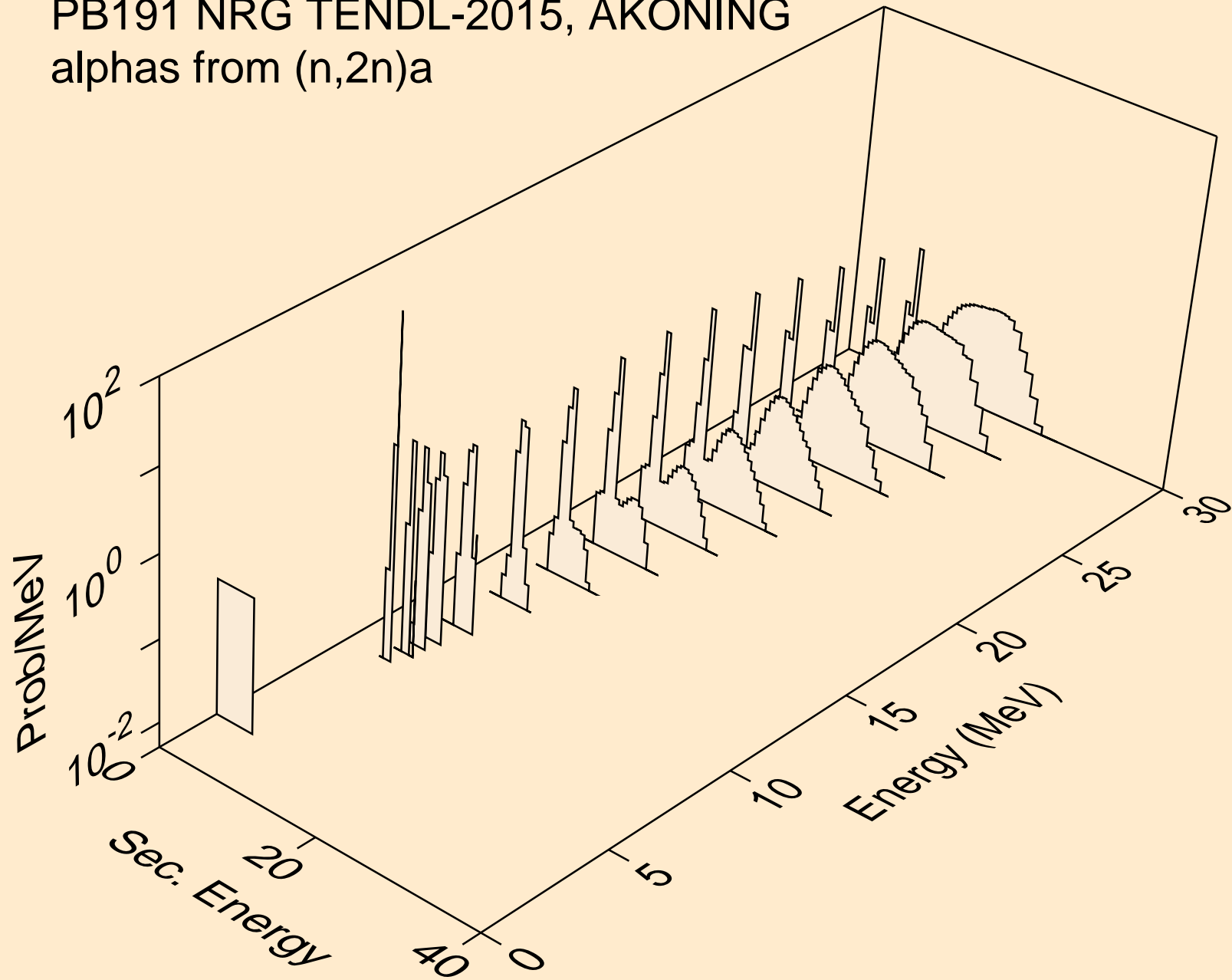
PB191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



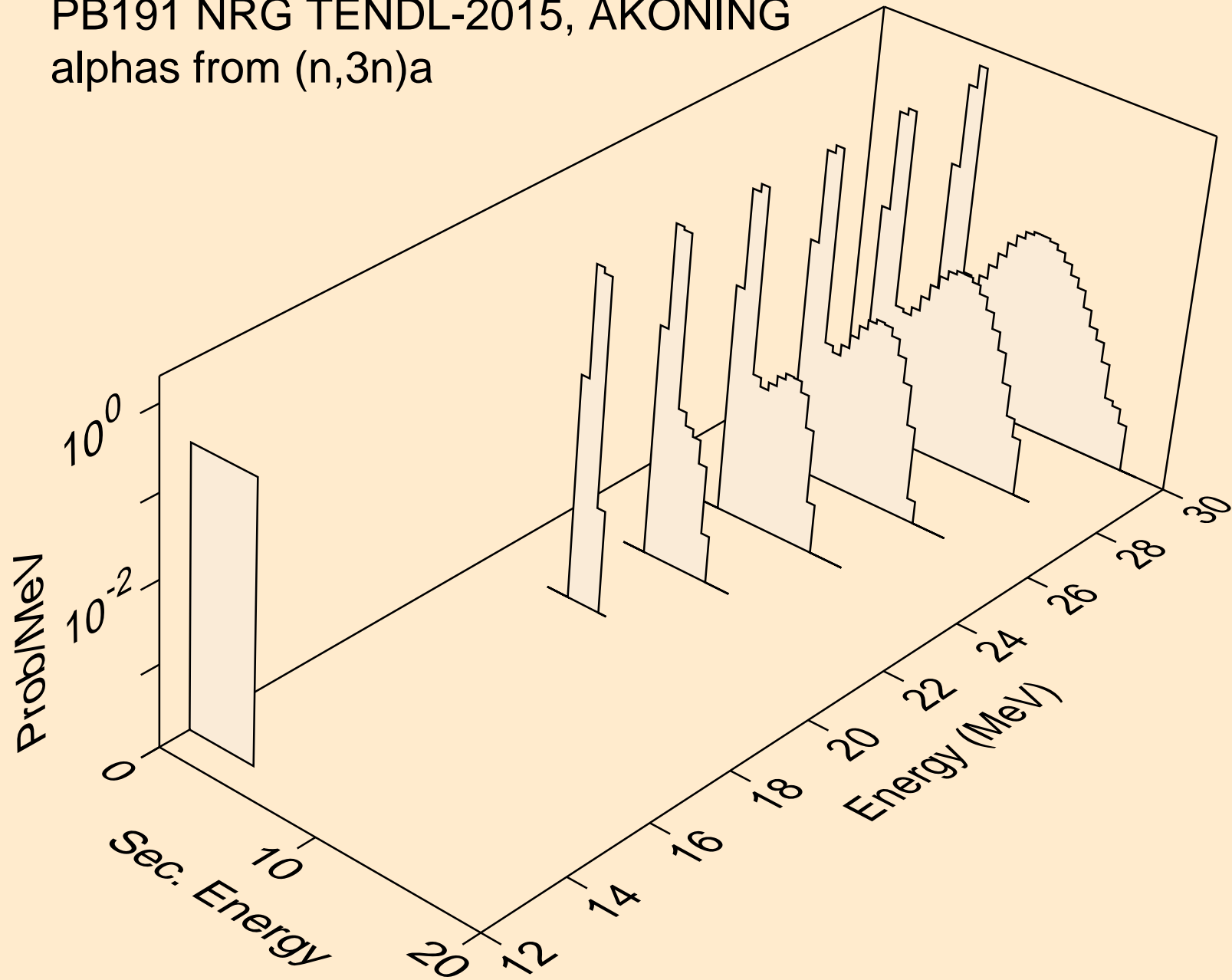
PB191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



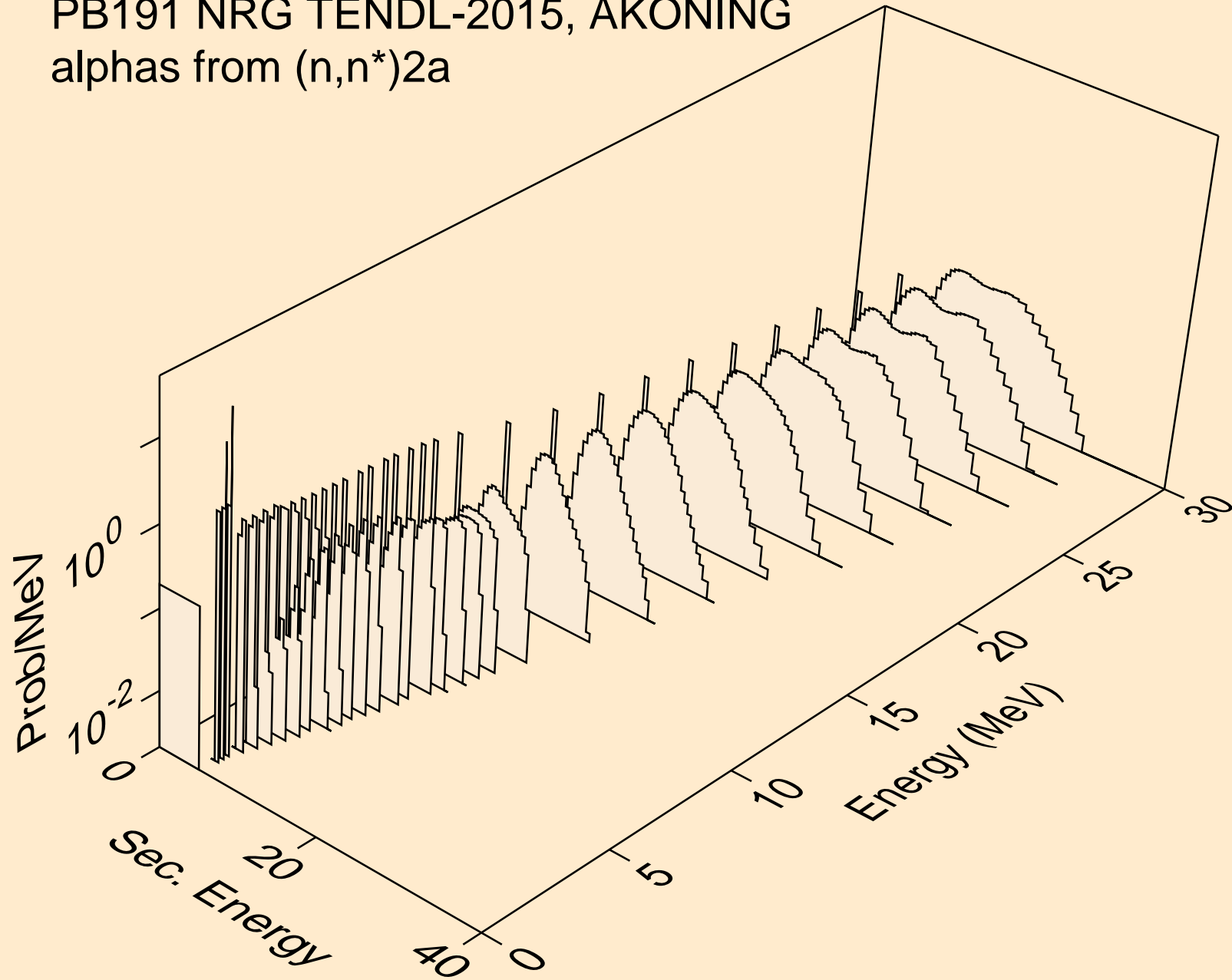
PB191 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PB191 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

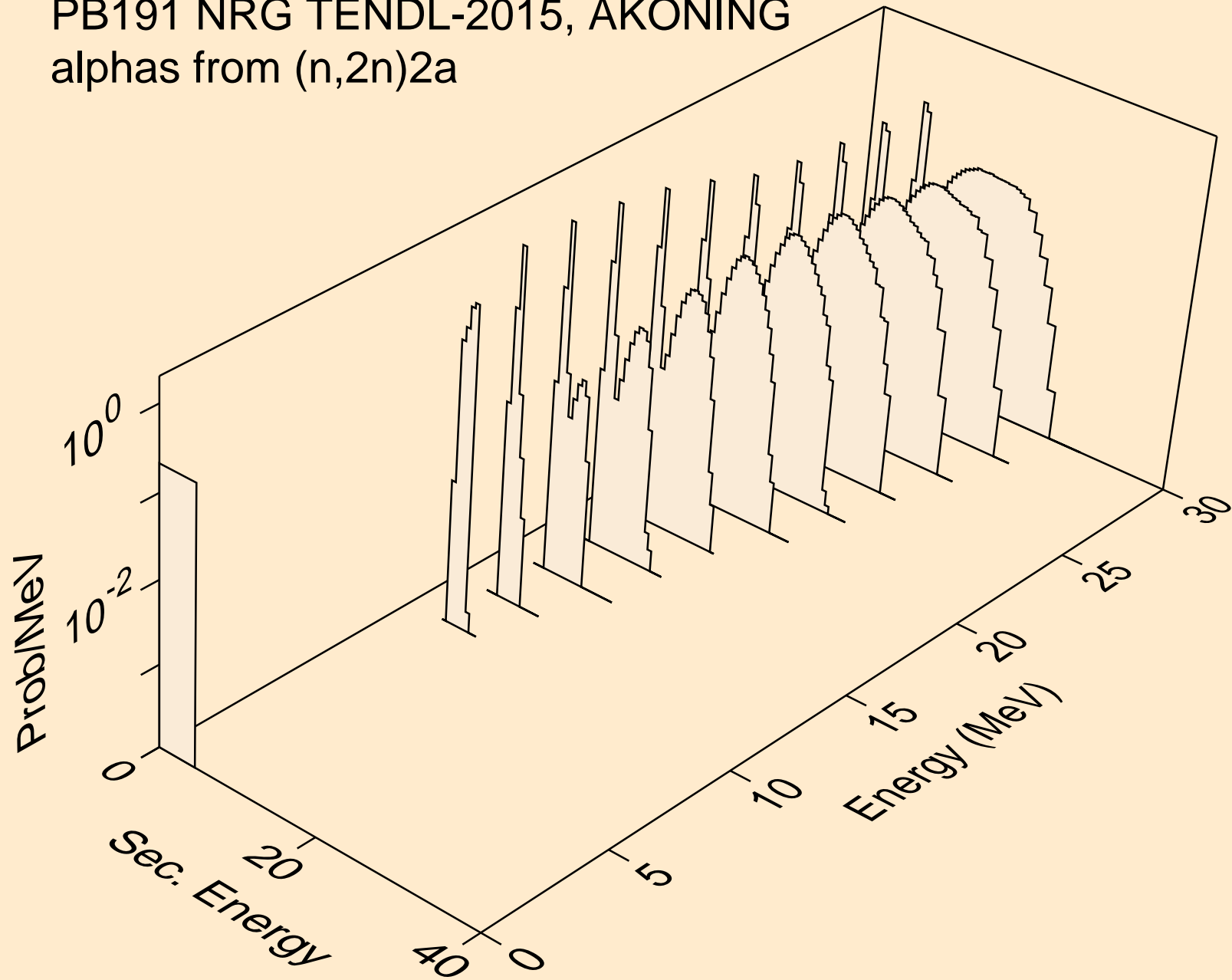


PB191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

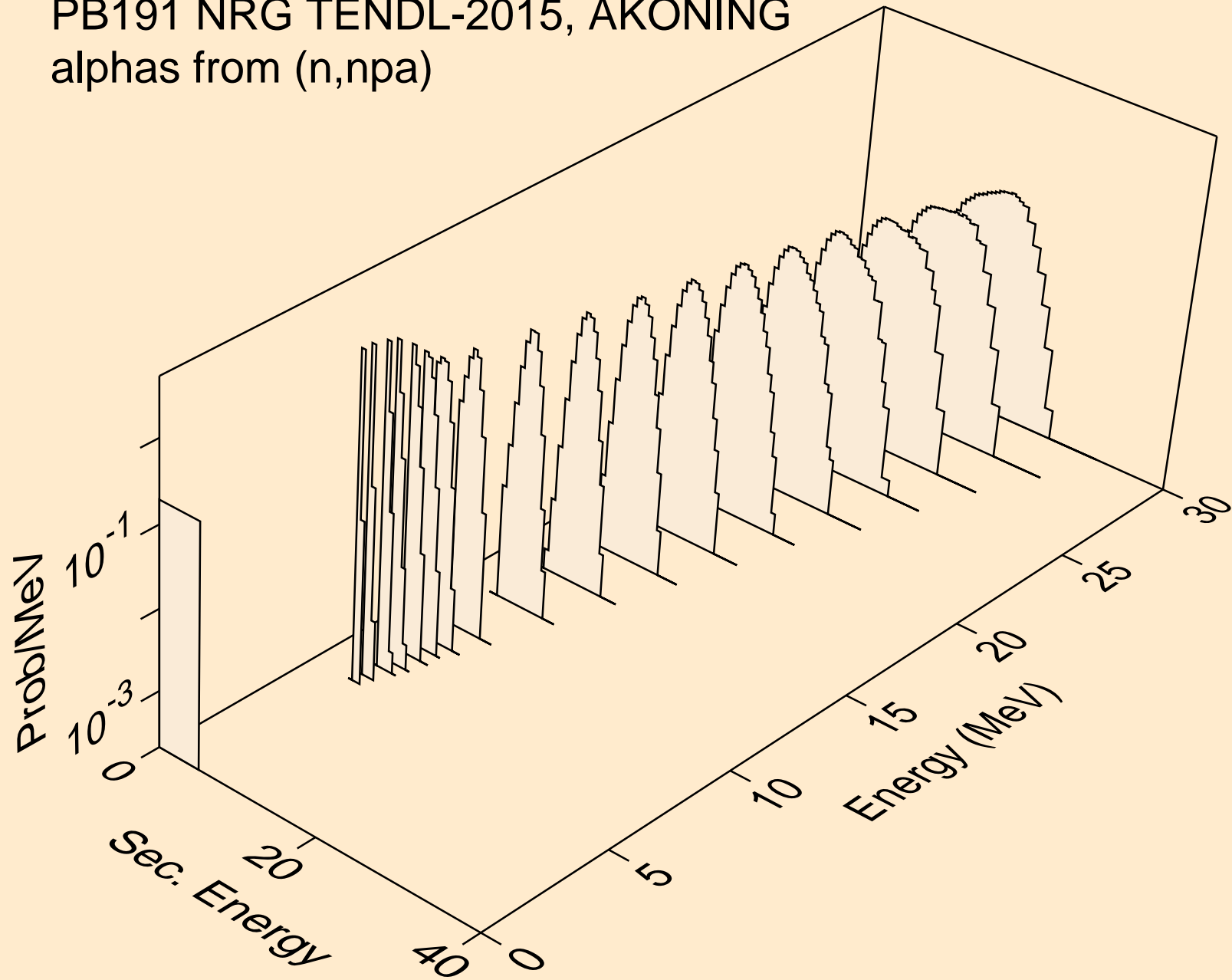




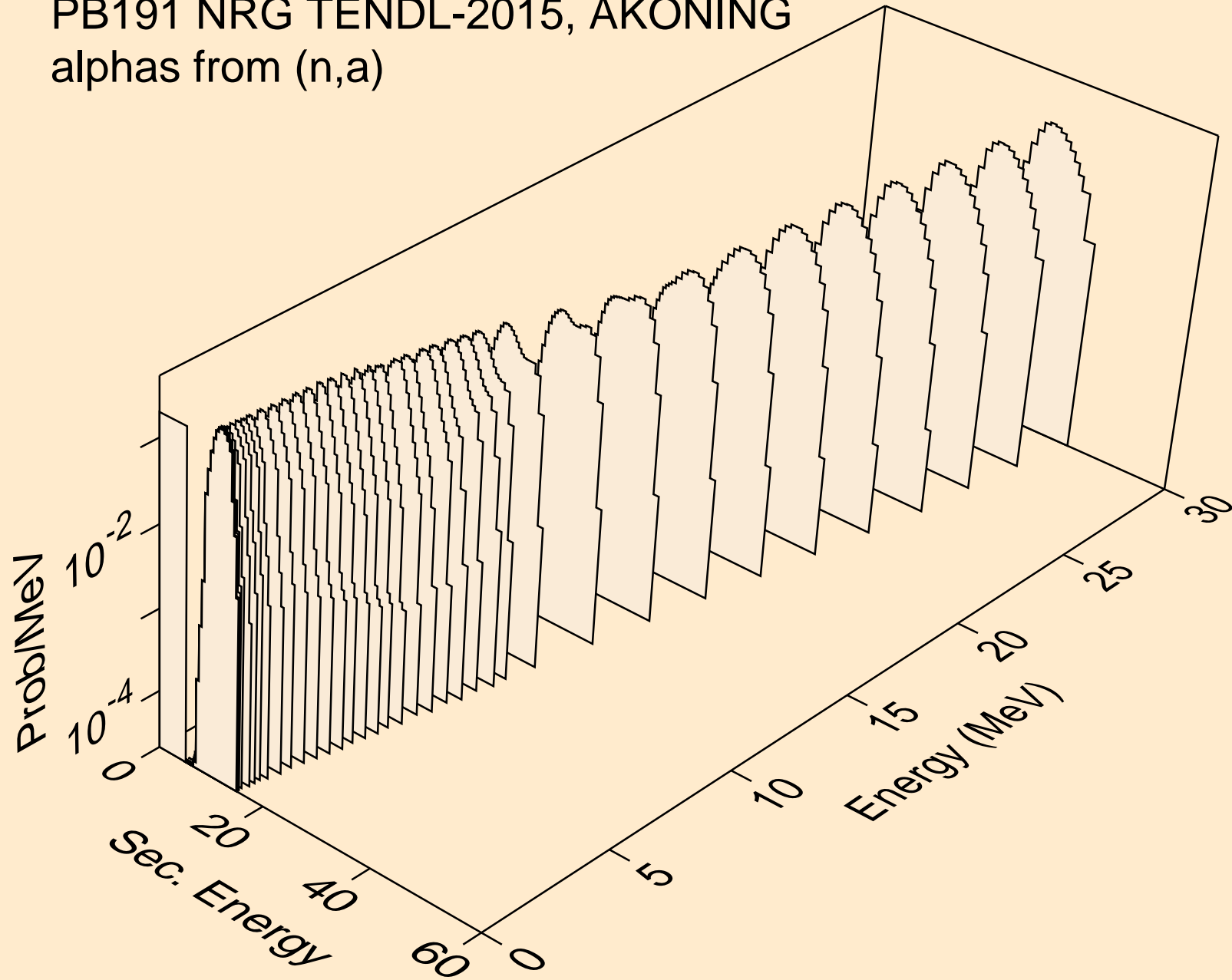
PB191 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



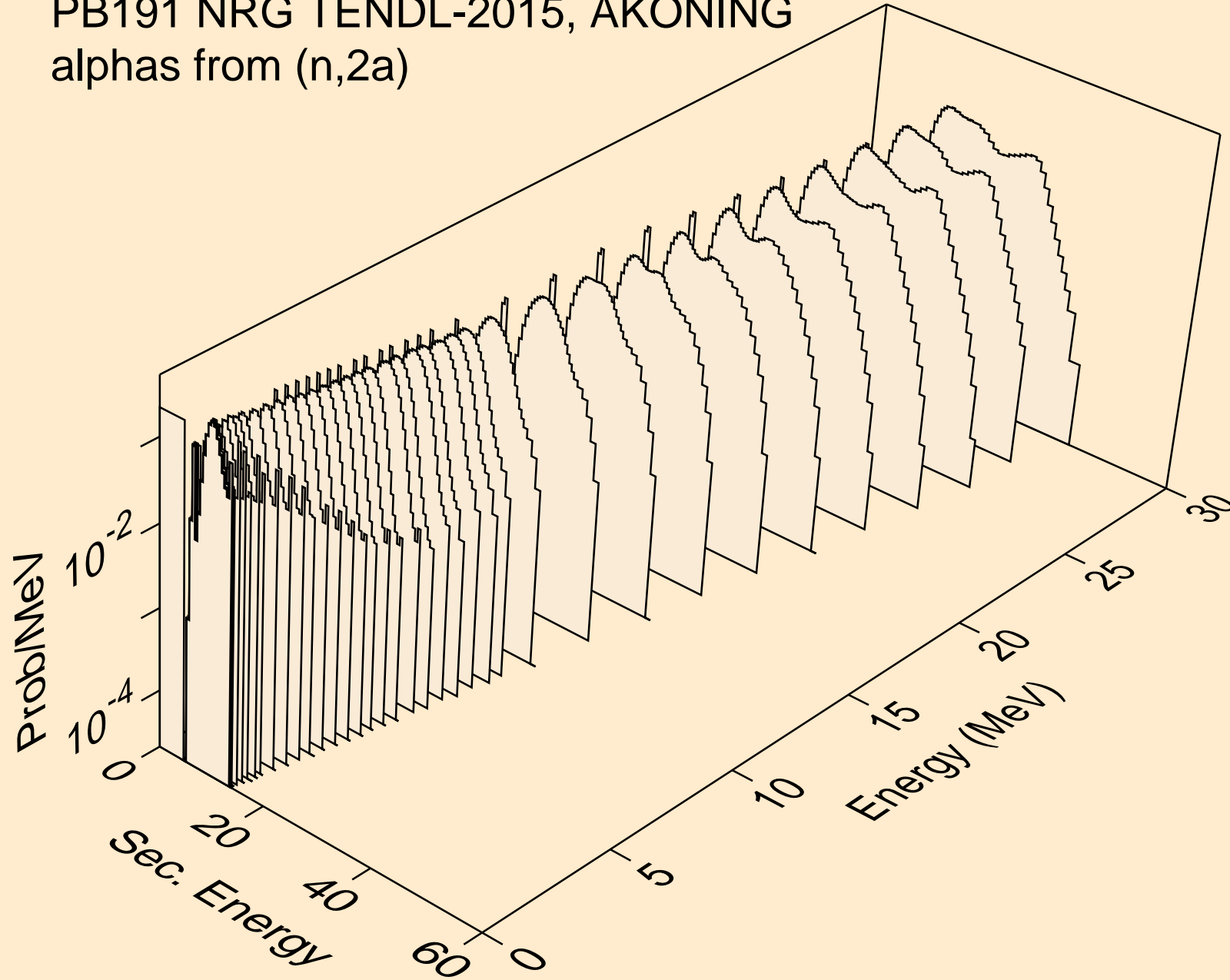
PB191 NRG TENDL-2015, AKONING  
alphas from (n,npa)



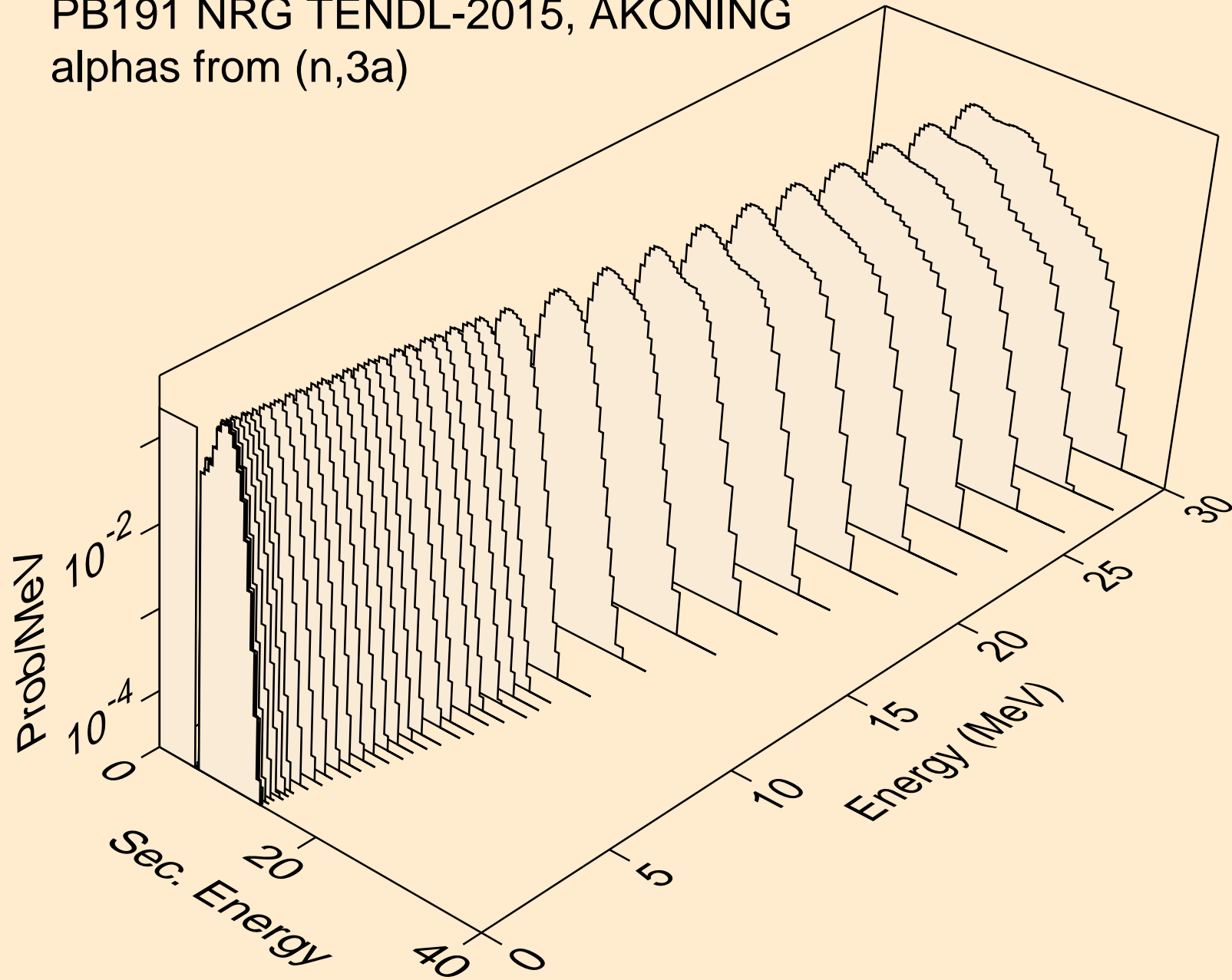
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alphas from (n,a)



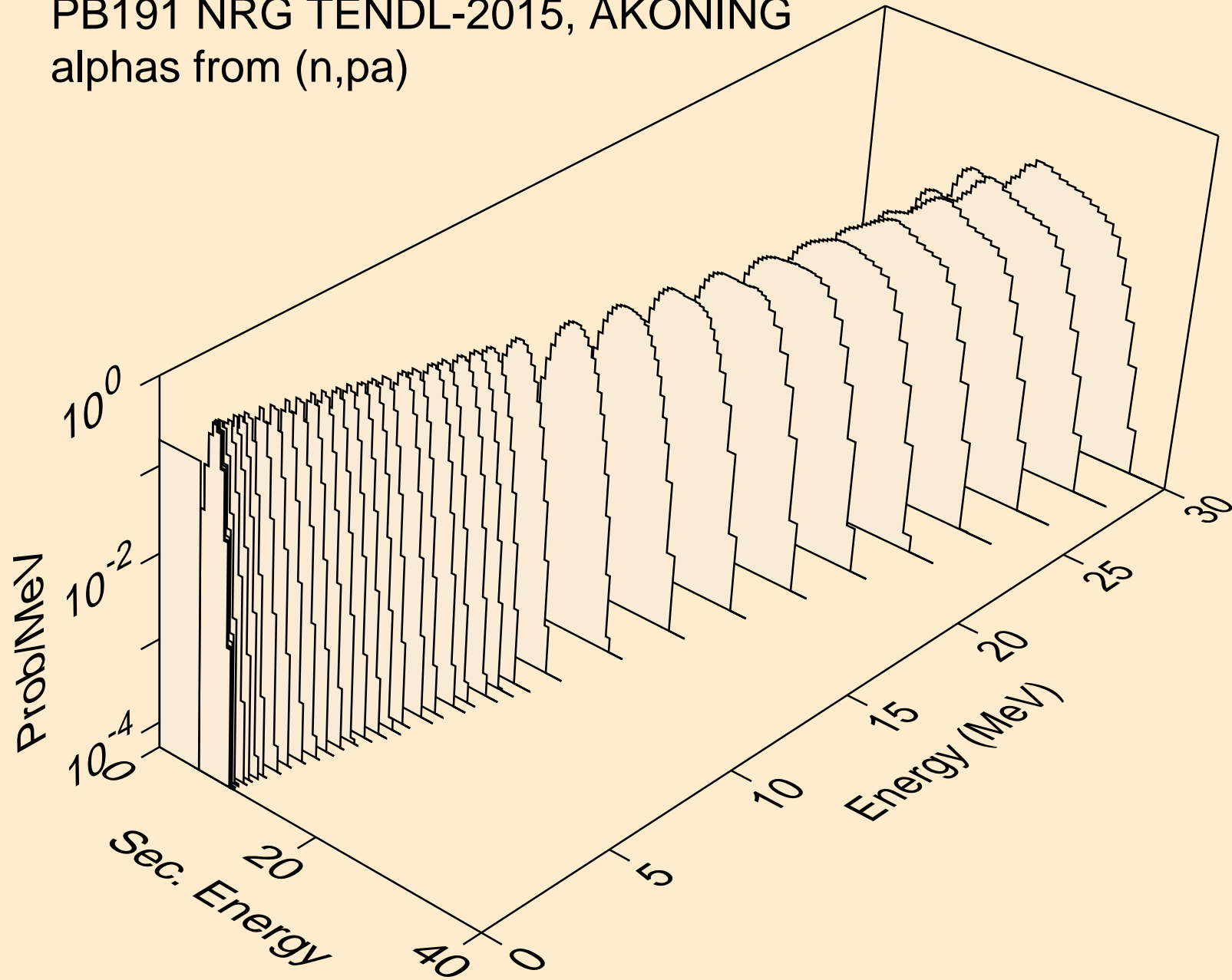
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alphas from (n,2a)



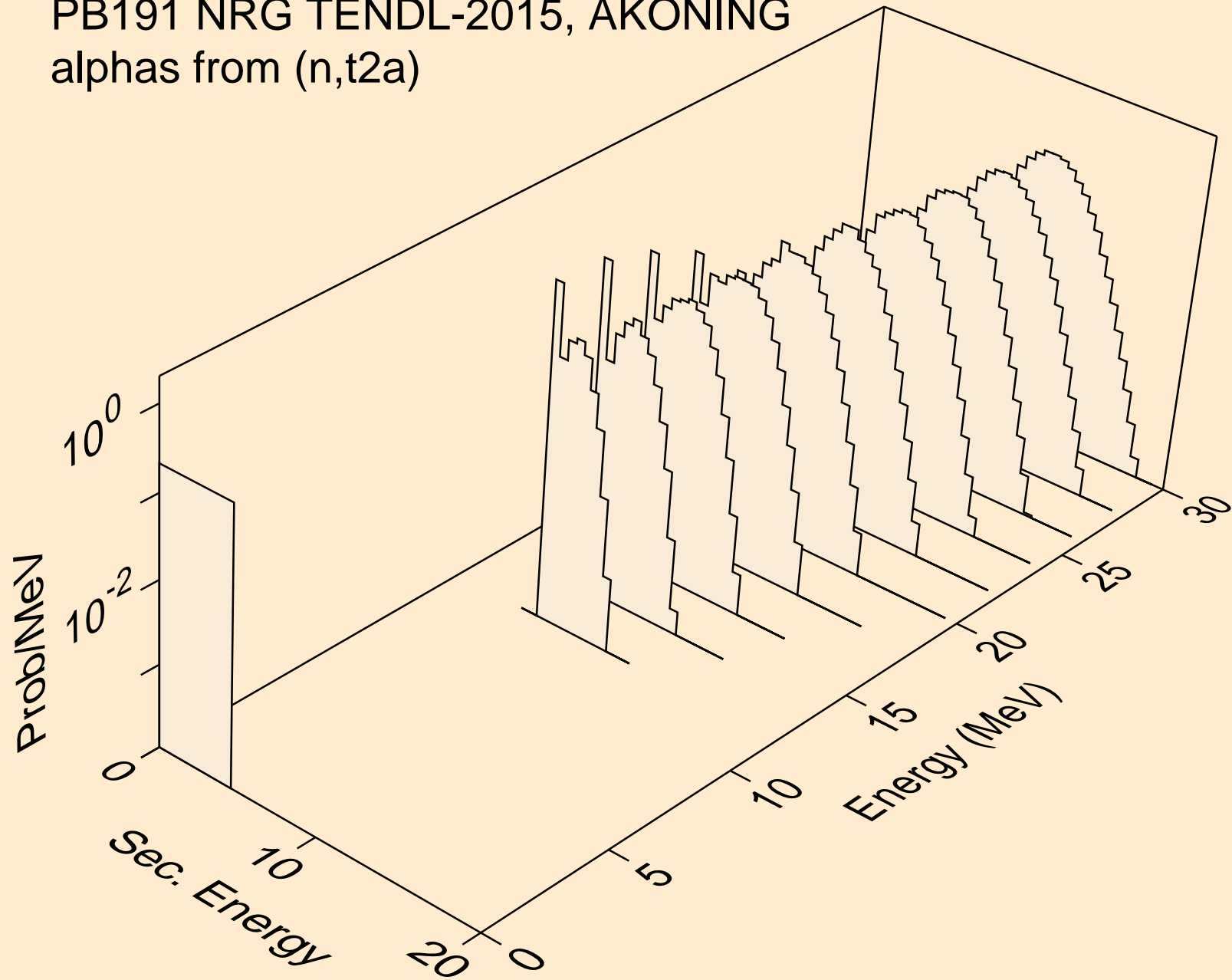
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alphas from (n,3a)



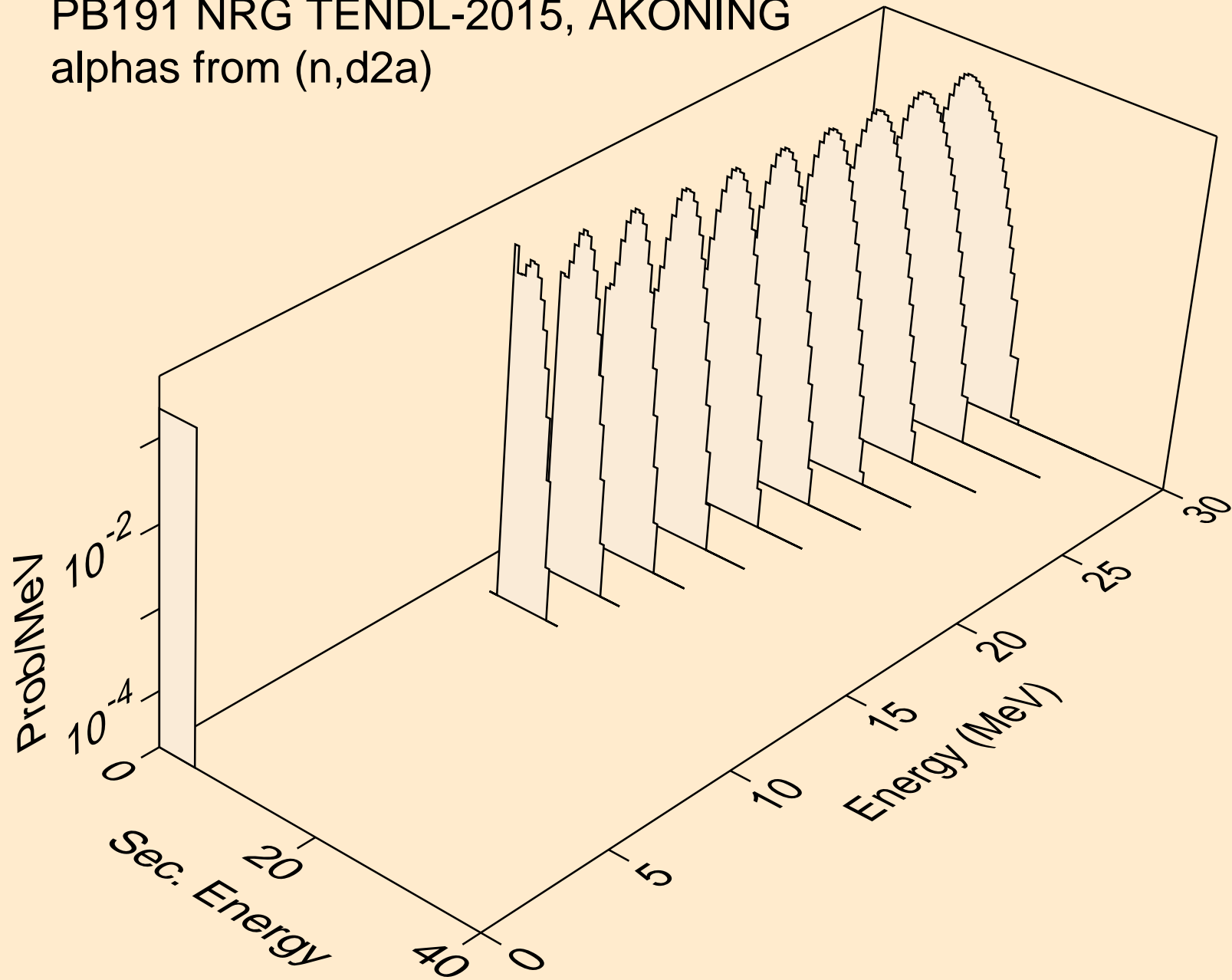
PB191 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PB191 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PB191 NRG TENDL-2015, AKONING  
alphas from (n,d2a)





PB191 NRG TENDL-2015, AKONING  
alphas from (n,da)

