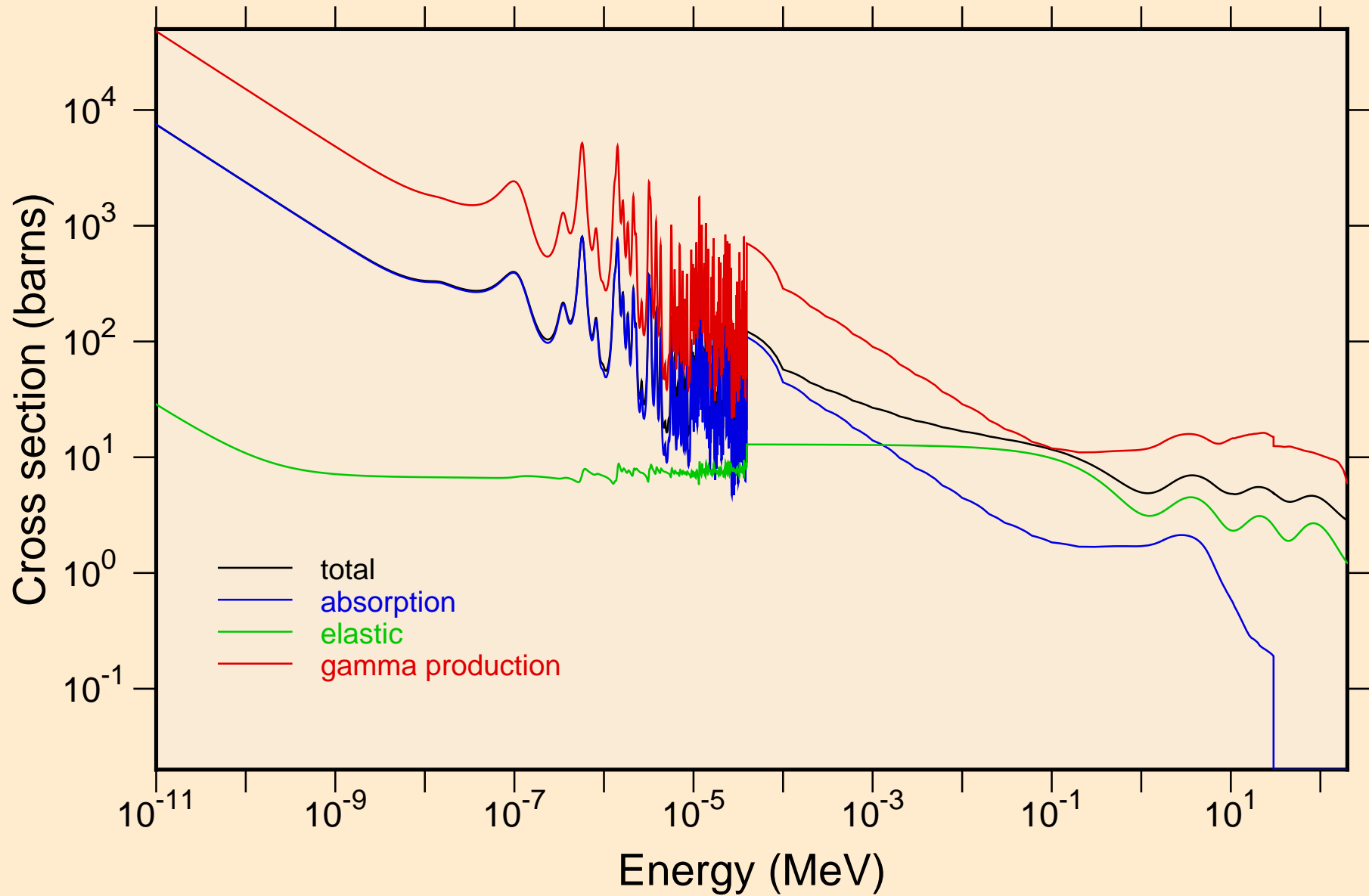
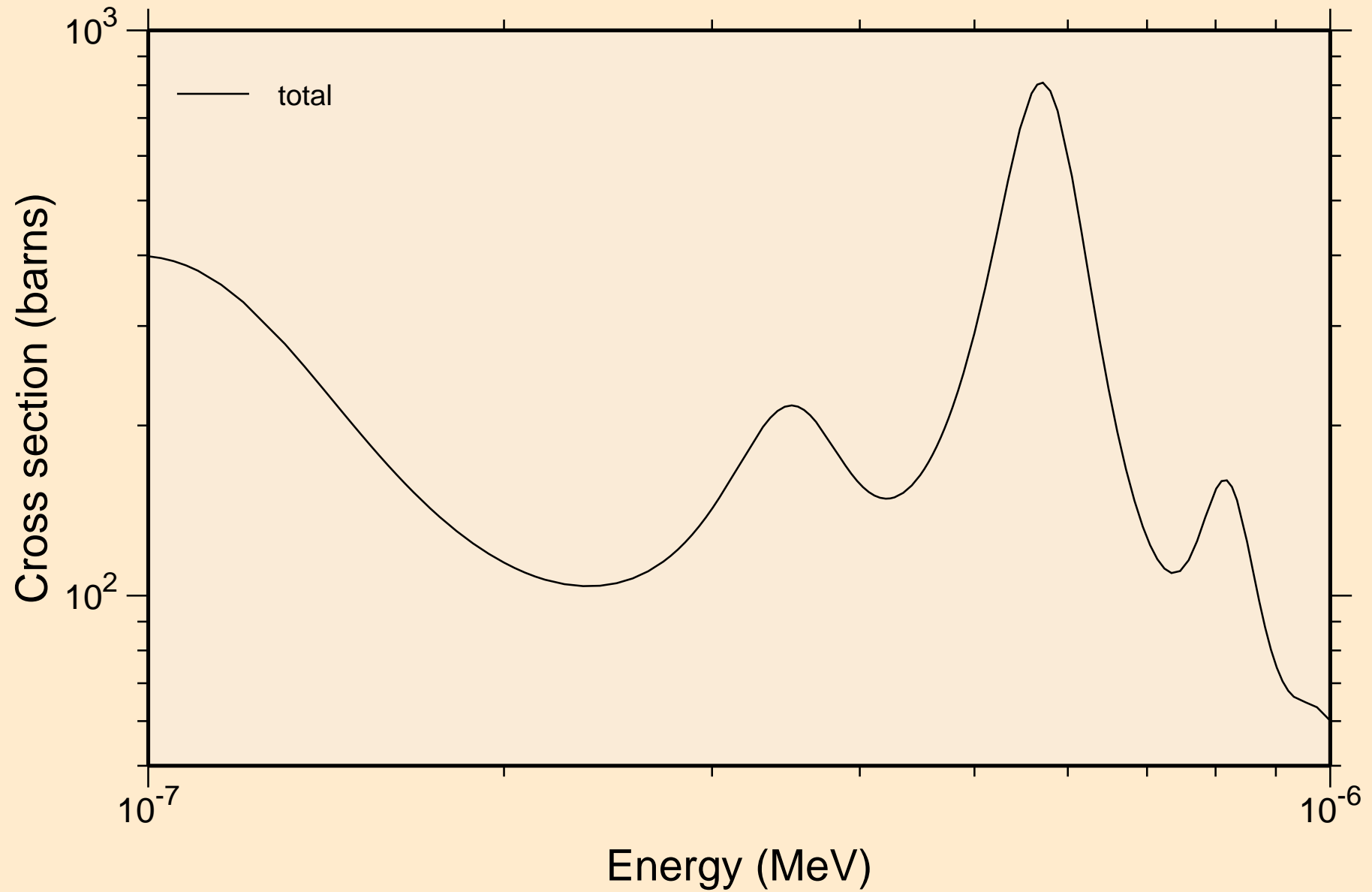


# BI191 NRG TENDL-2015, AKONING

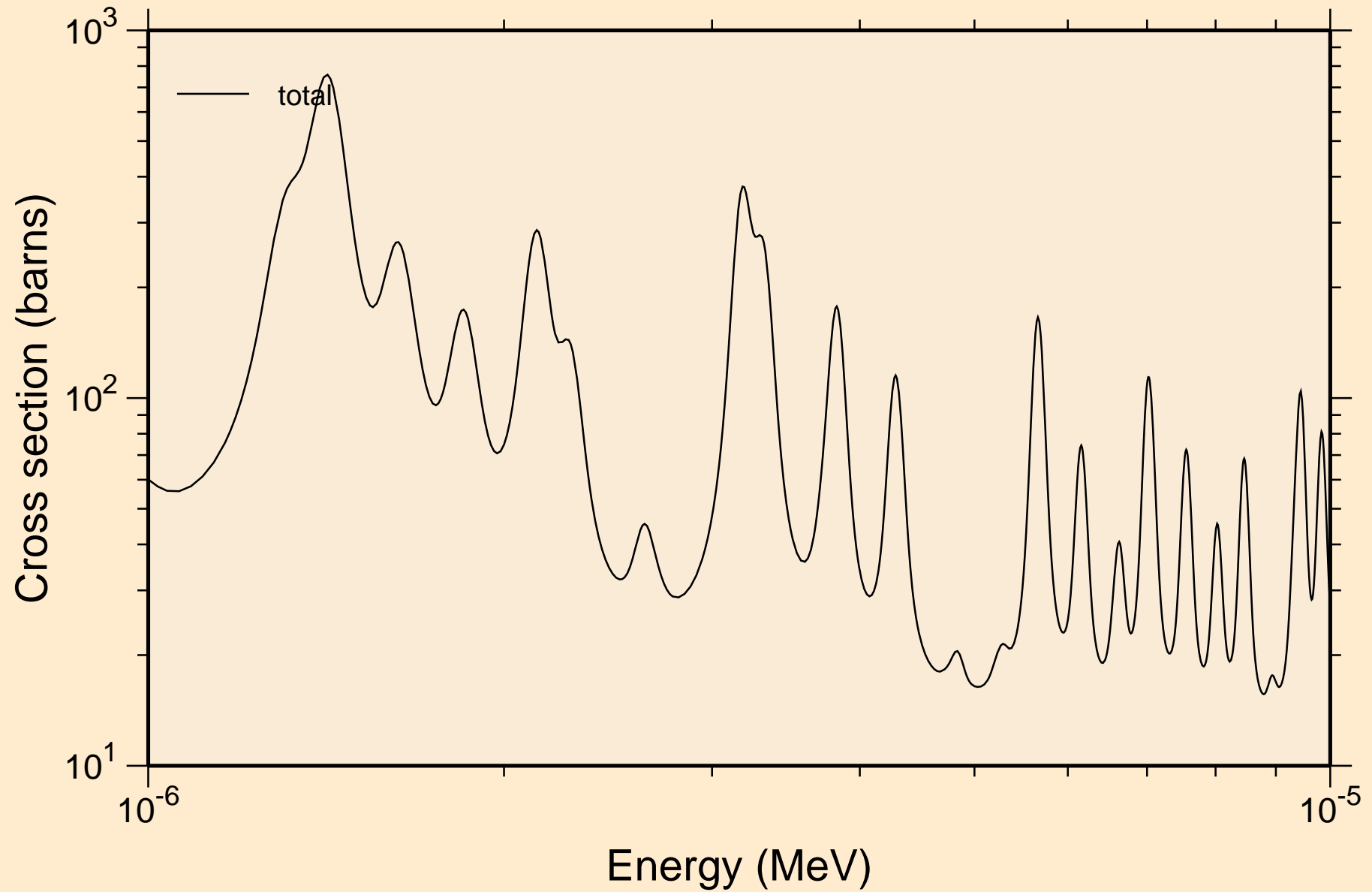
## Principal cross sections



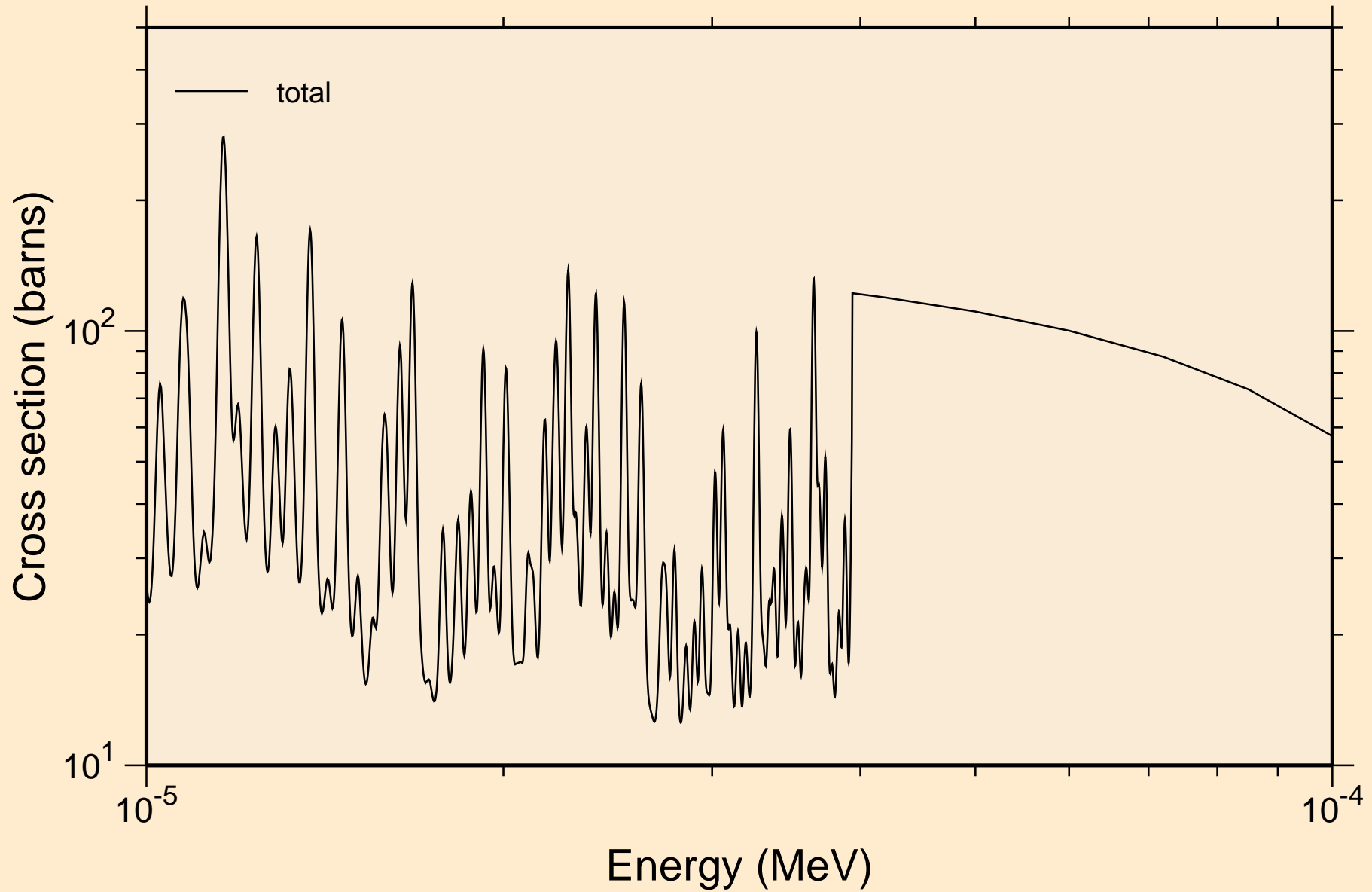
BI191 NRG TENDL-2015, AKONING  
resonance total cross section



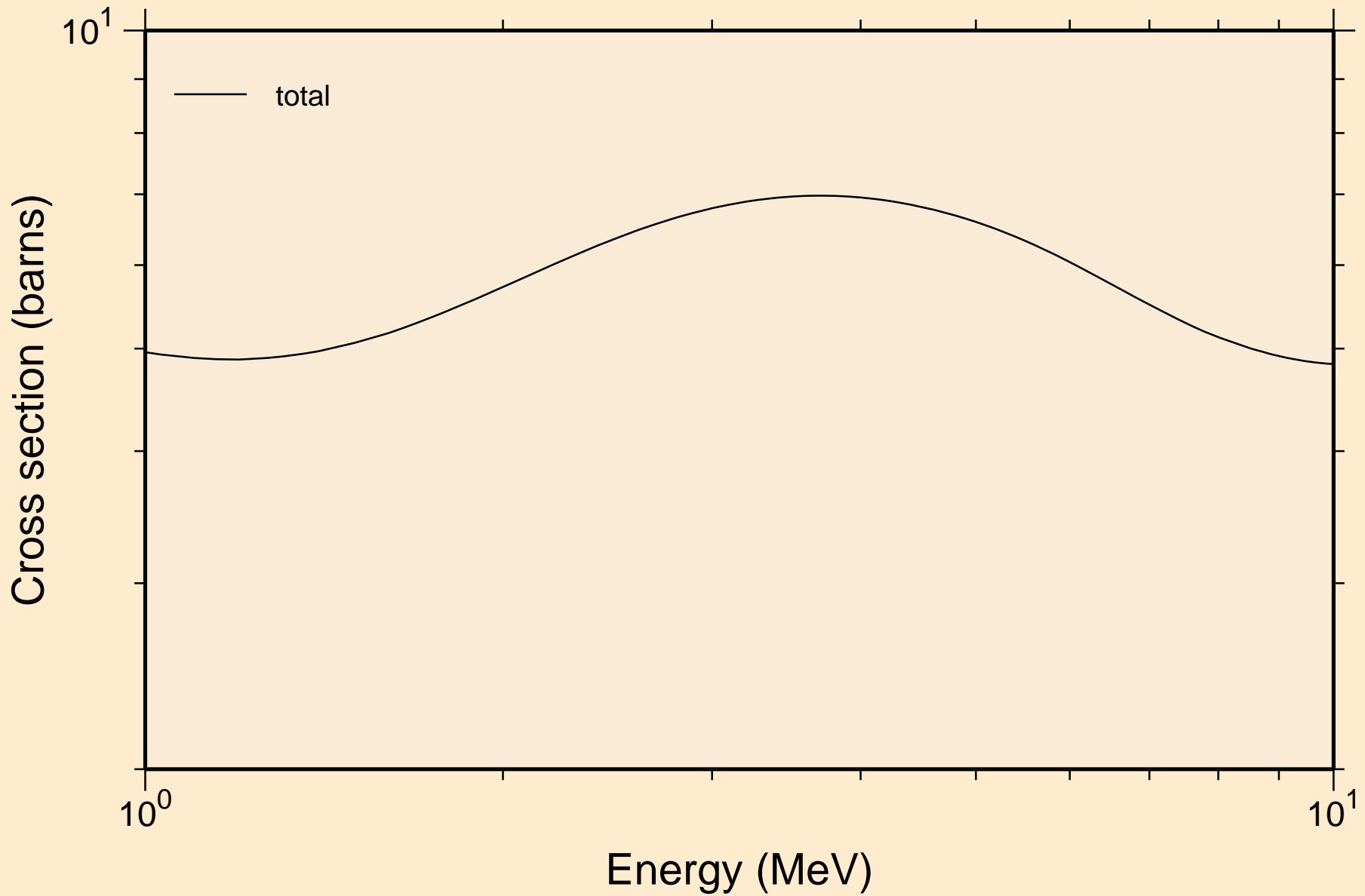
BI191 NRG TENDL-2015, AKONING  
resonance total cross section



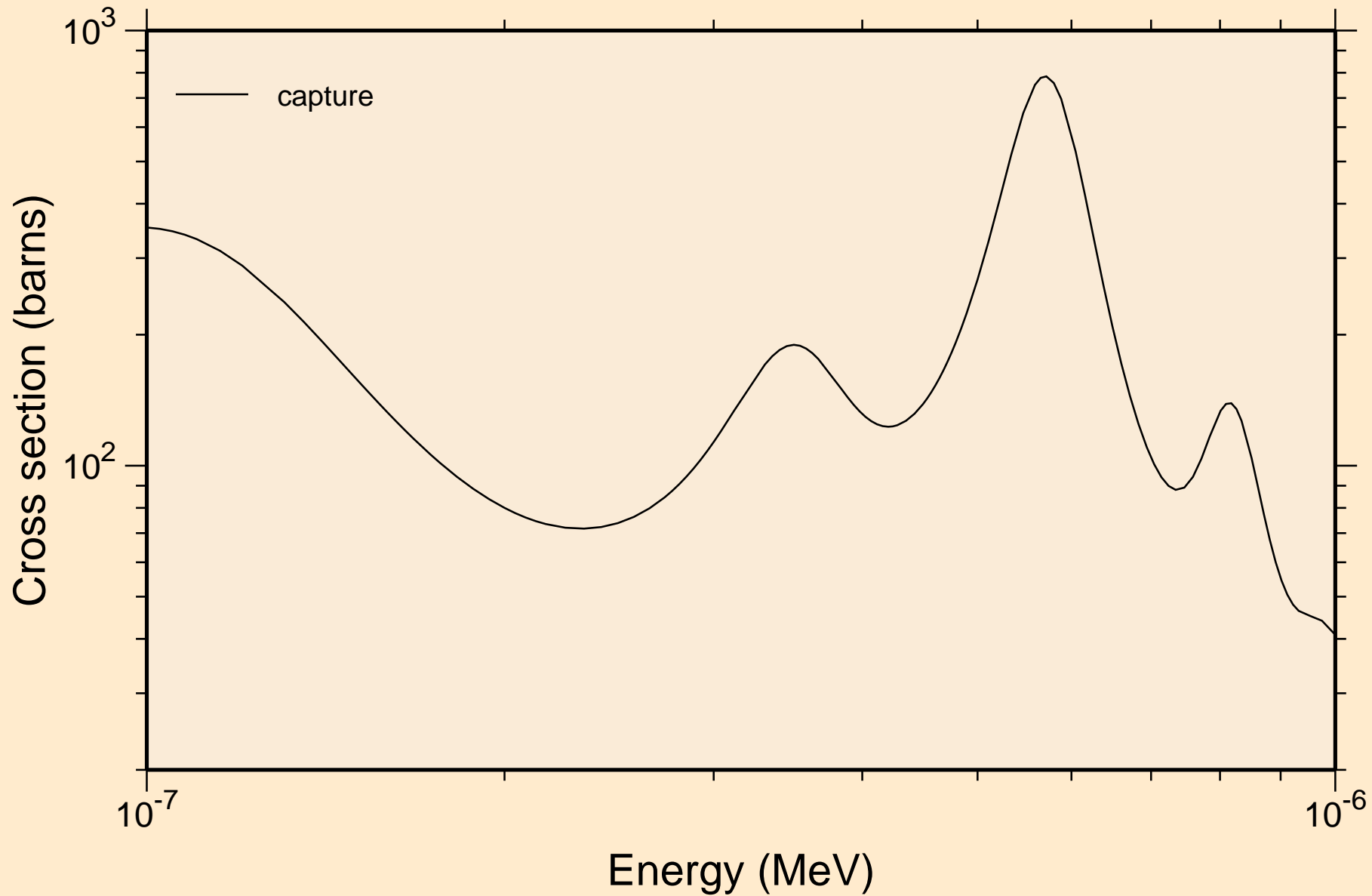
BI191 NRG TENDL-2015, AKONING  
resonance total cross section



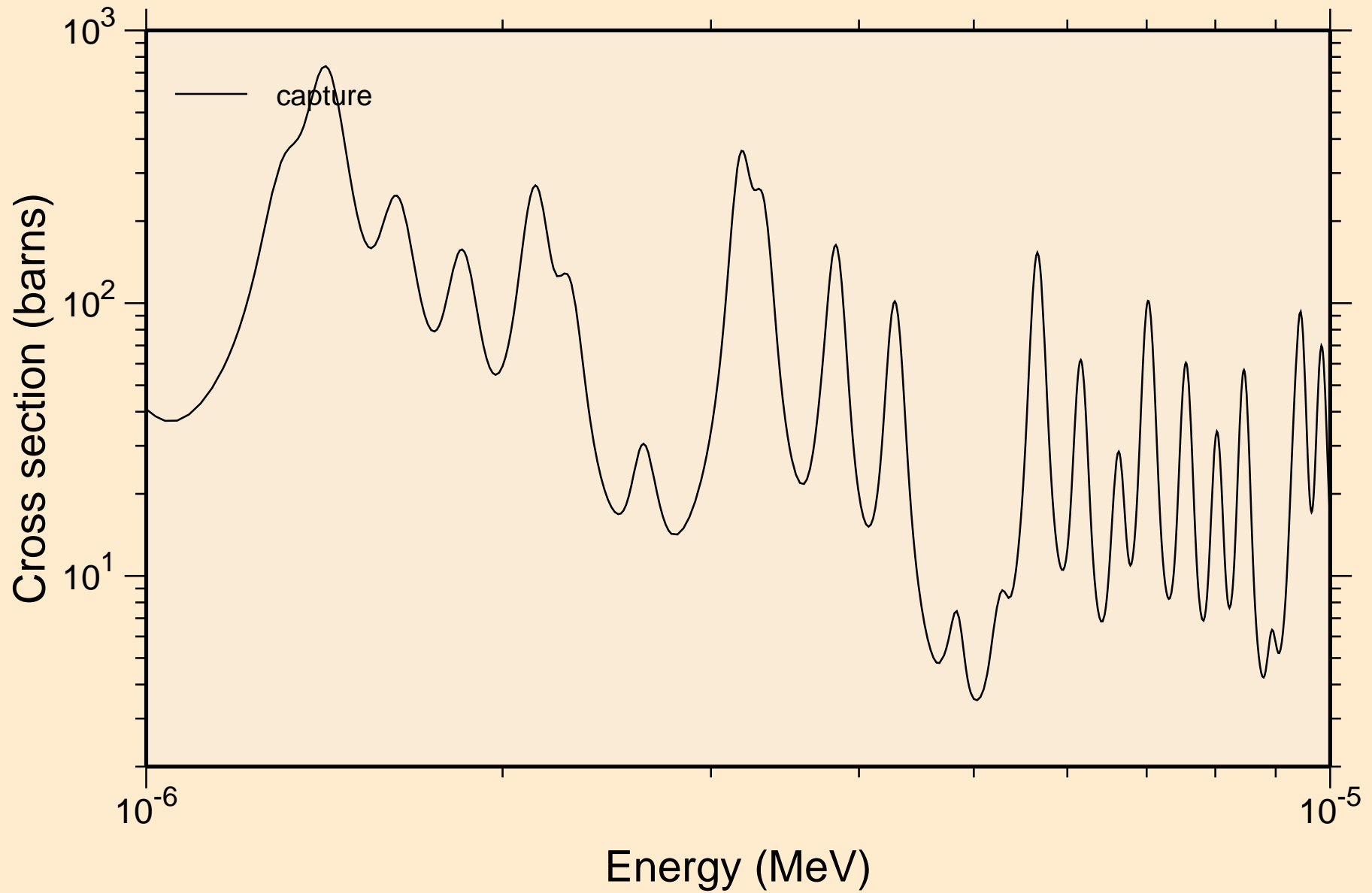
BI191 NRG TENDL-2015, AKONING  
resonance total cross section



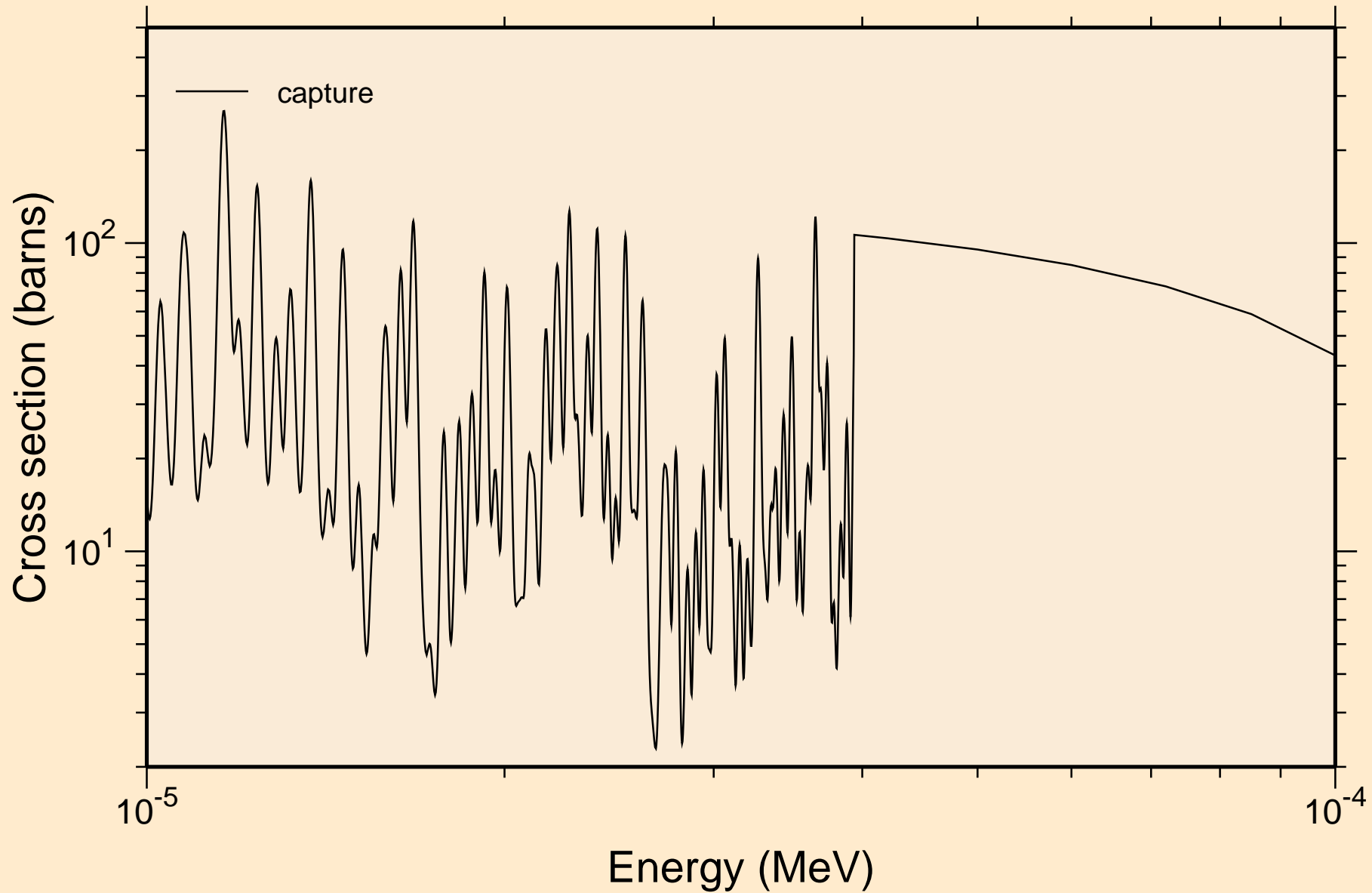
BI191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BI191 NRG TENDL-2015, AKONING  
resonance absorption cross sections

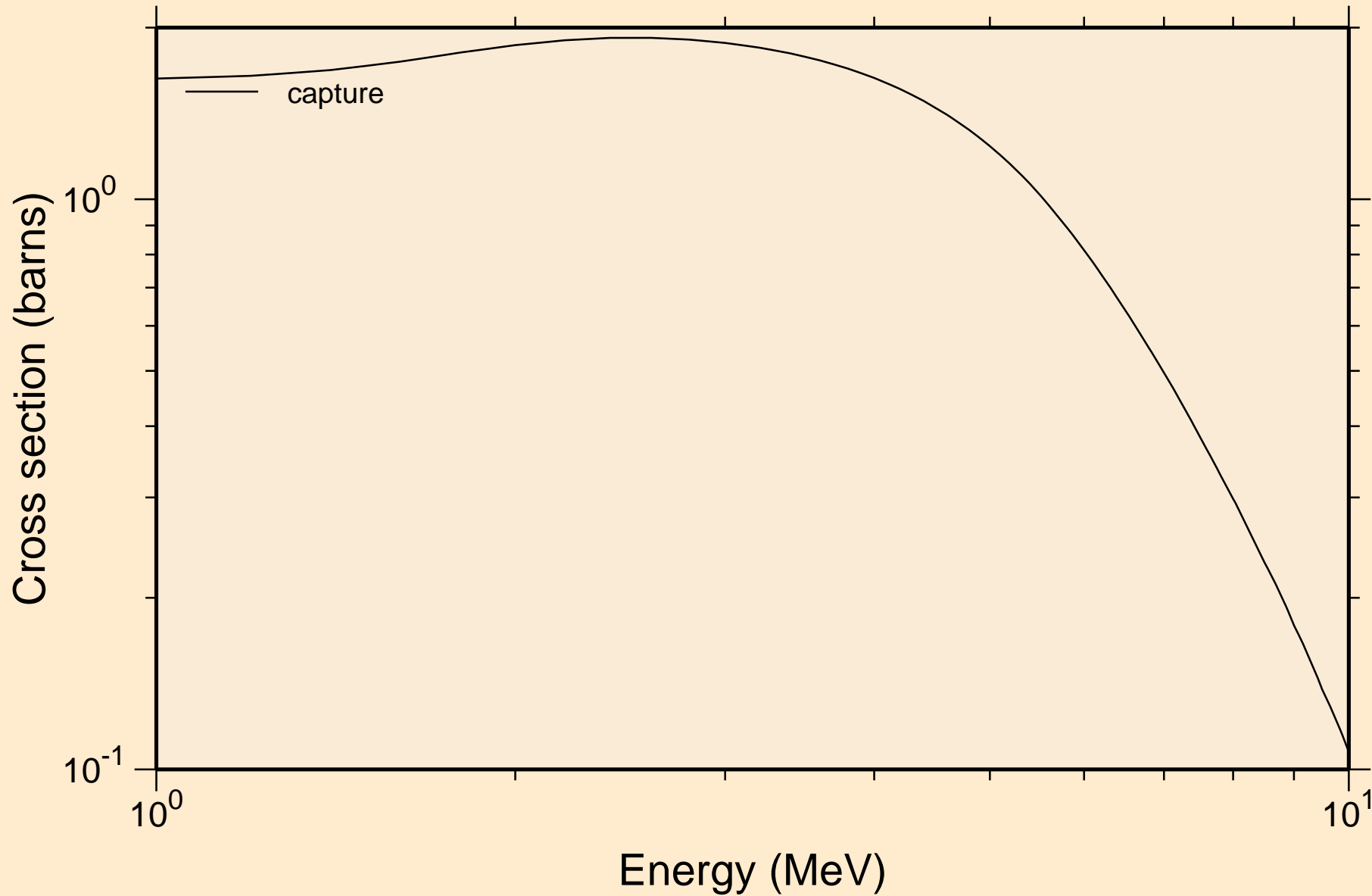


BI191 NRG TENDL-2015, AKONING  
resonance absorption cross sections



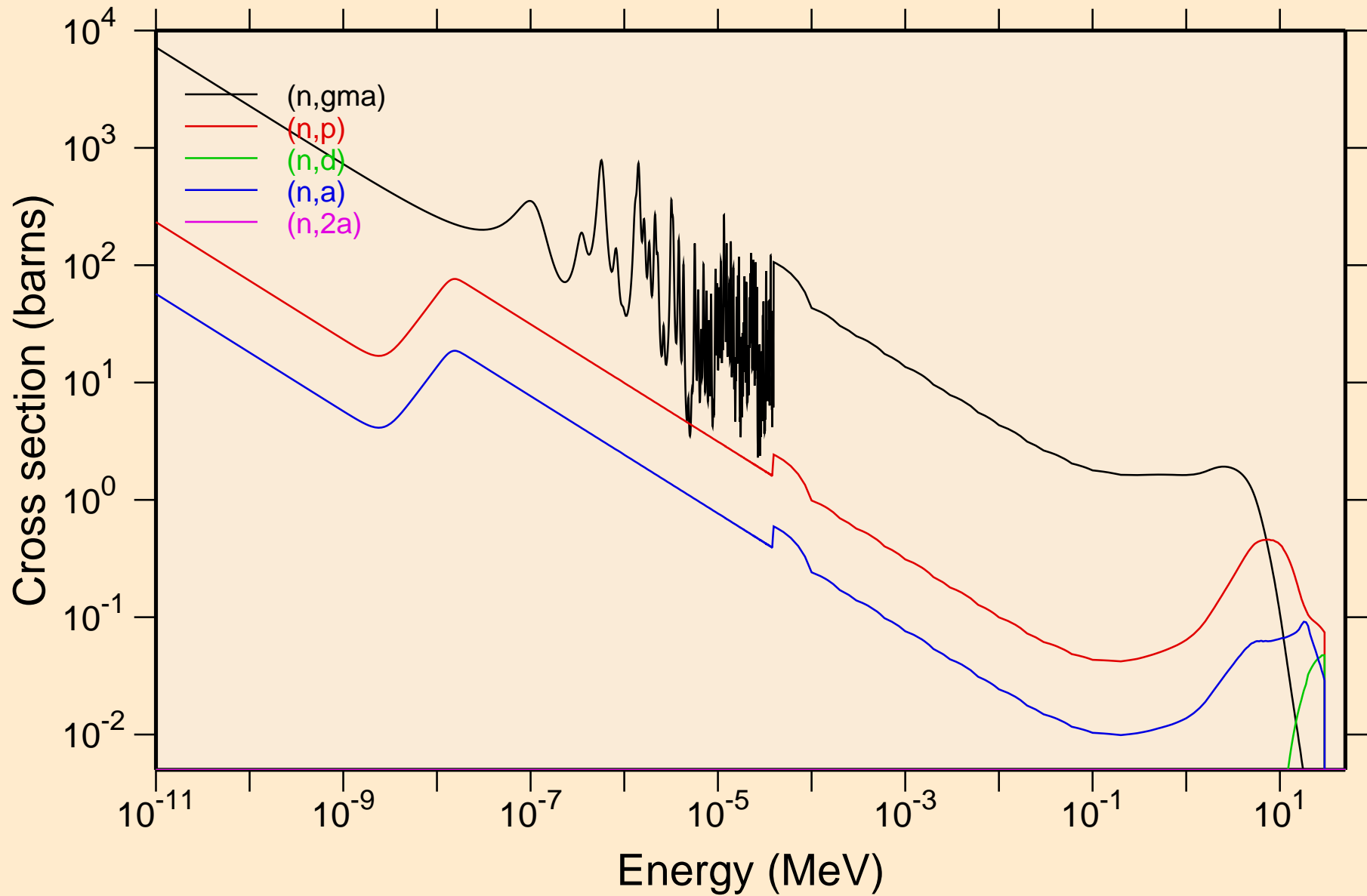


BI191 NRG TENDL-2015, AKONING  
resonance absorption cross sections

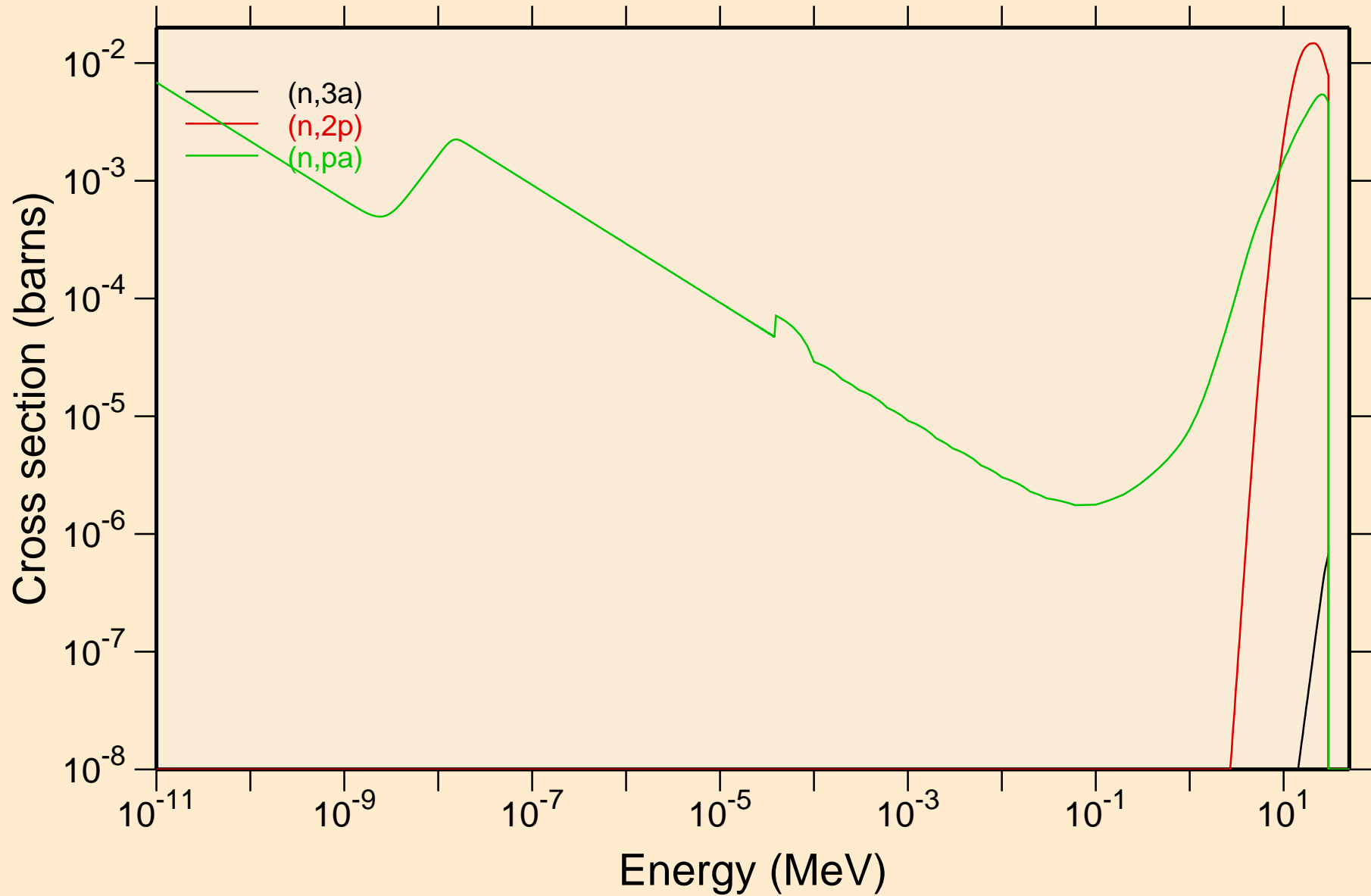


# BI191 NRG TENDL-2015, AKONING

## Non-threshold reactions

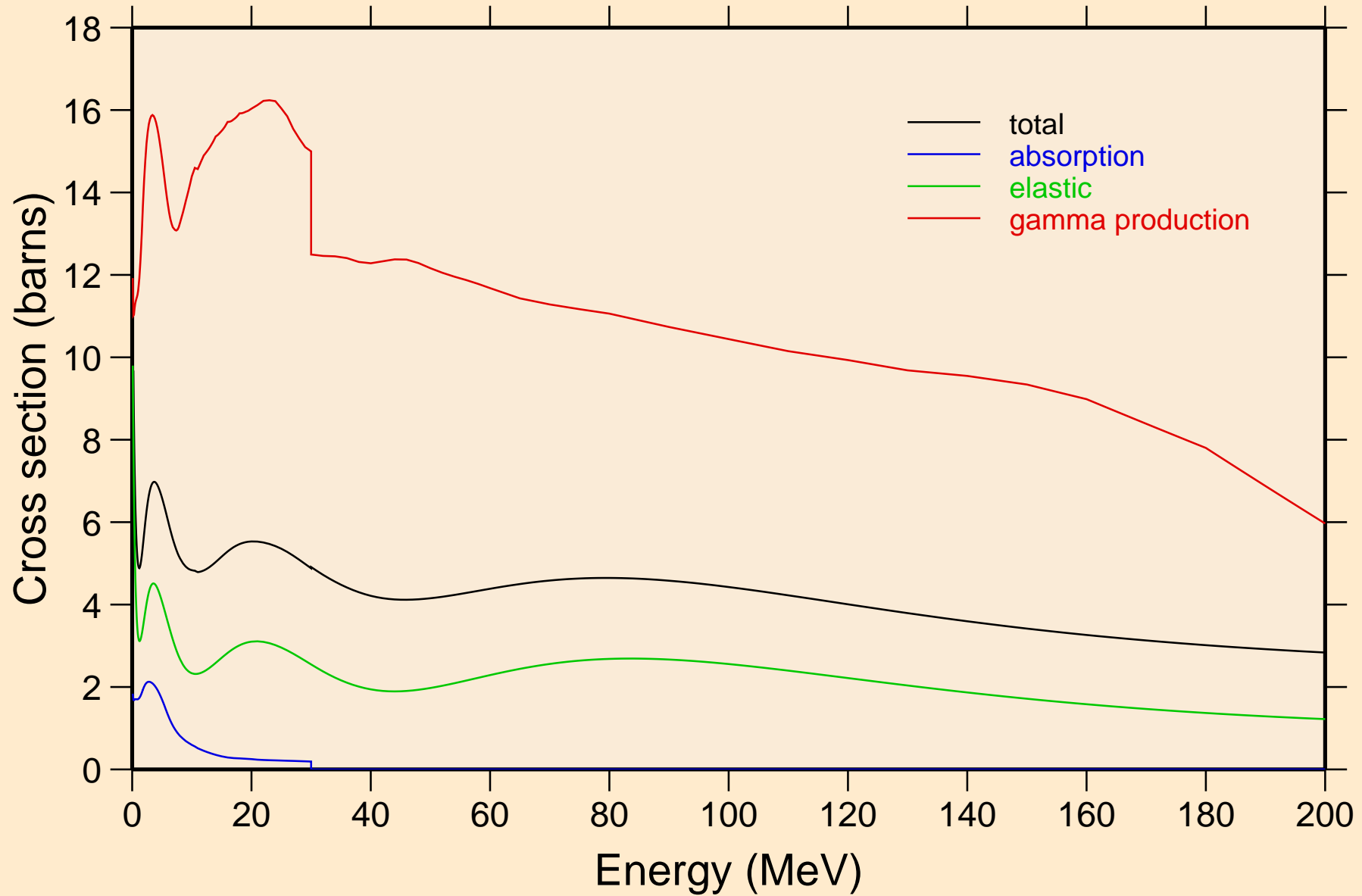


BI191 NRG TENDL-2015, AKONING  
Non-threshold reactions



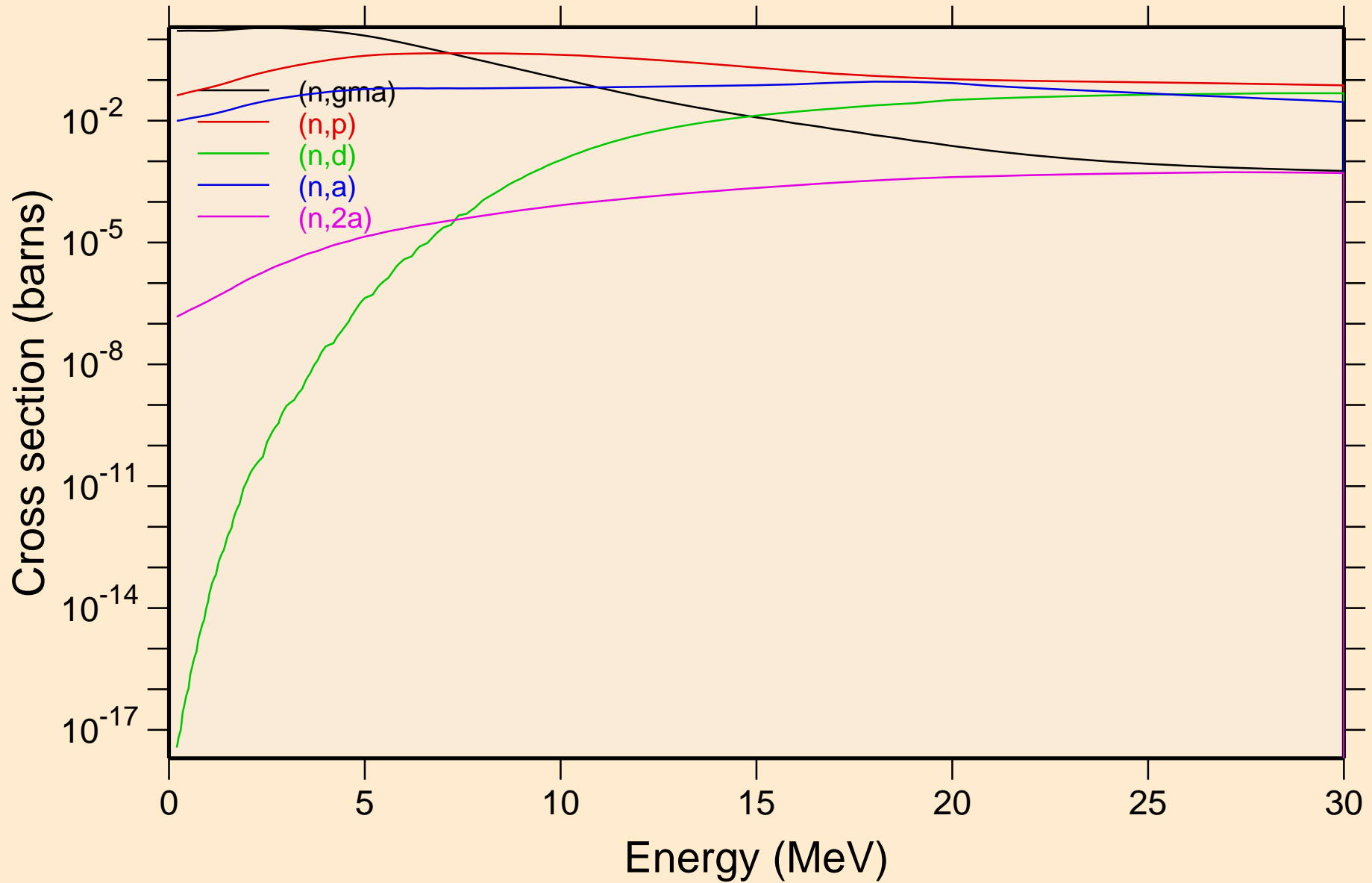
# BI191 NRG TENDL-2015, AKONING

## Principal cross sections

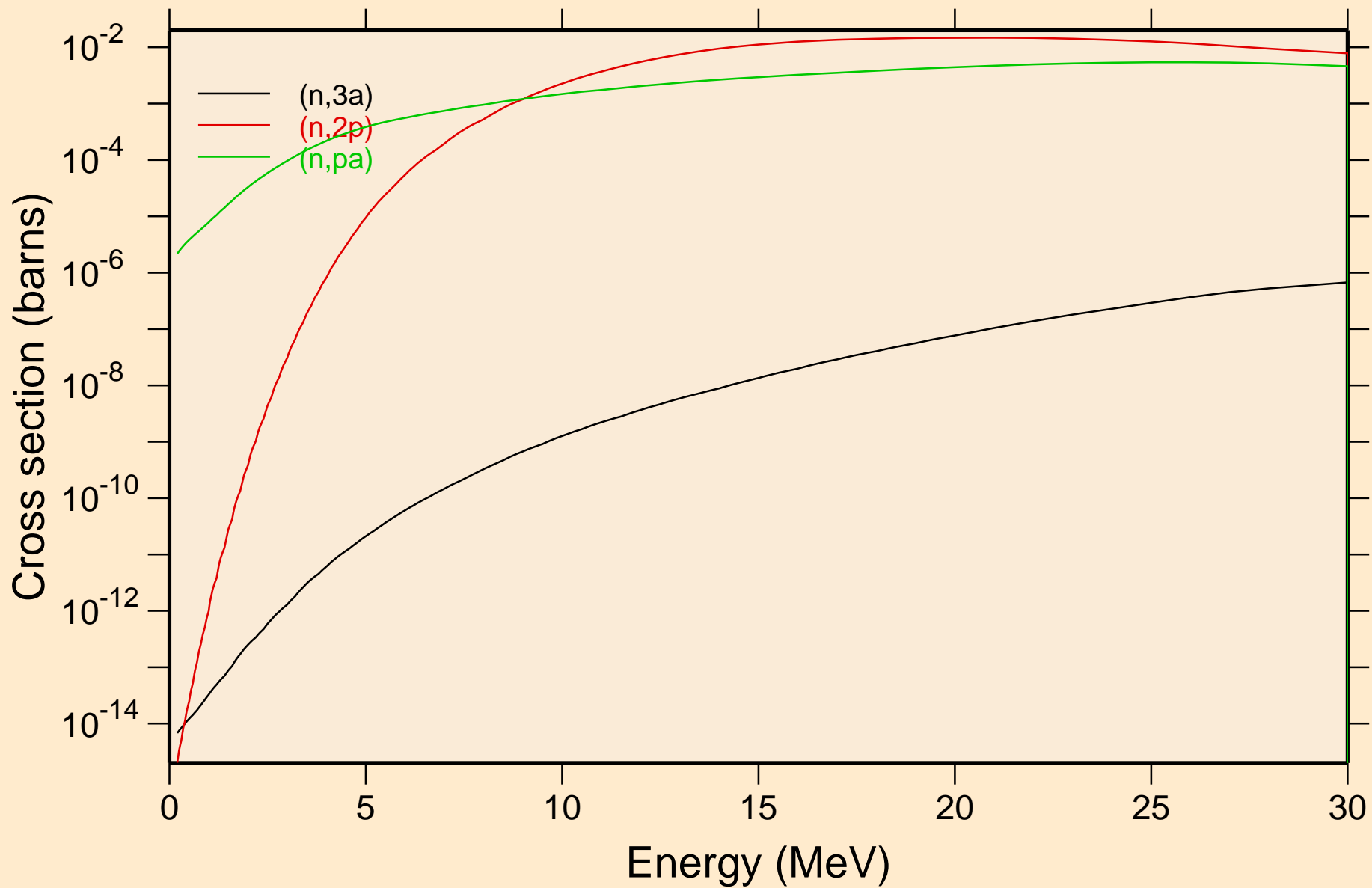


# BI191 NRG TENDL-2015, AKONING

## Non-threshold reactions

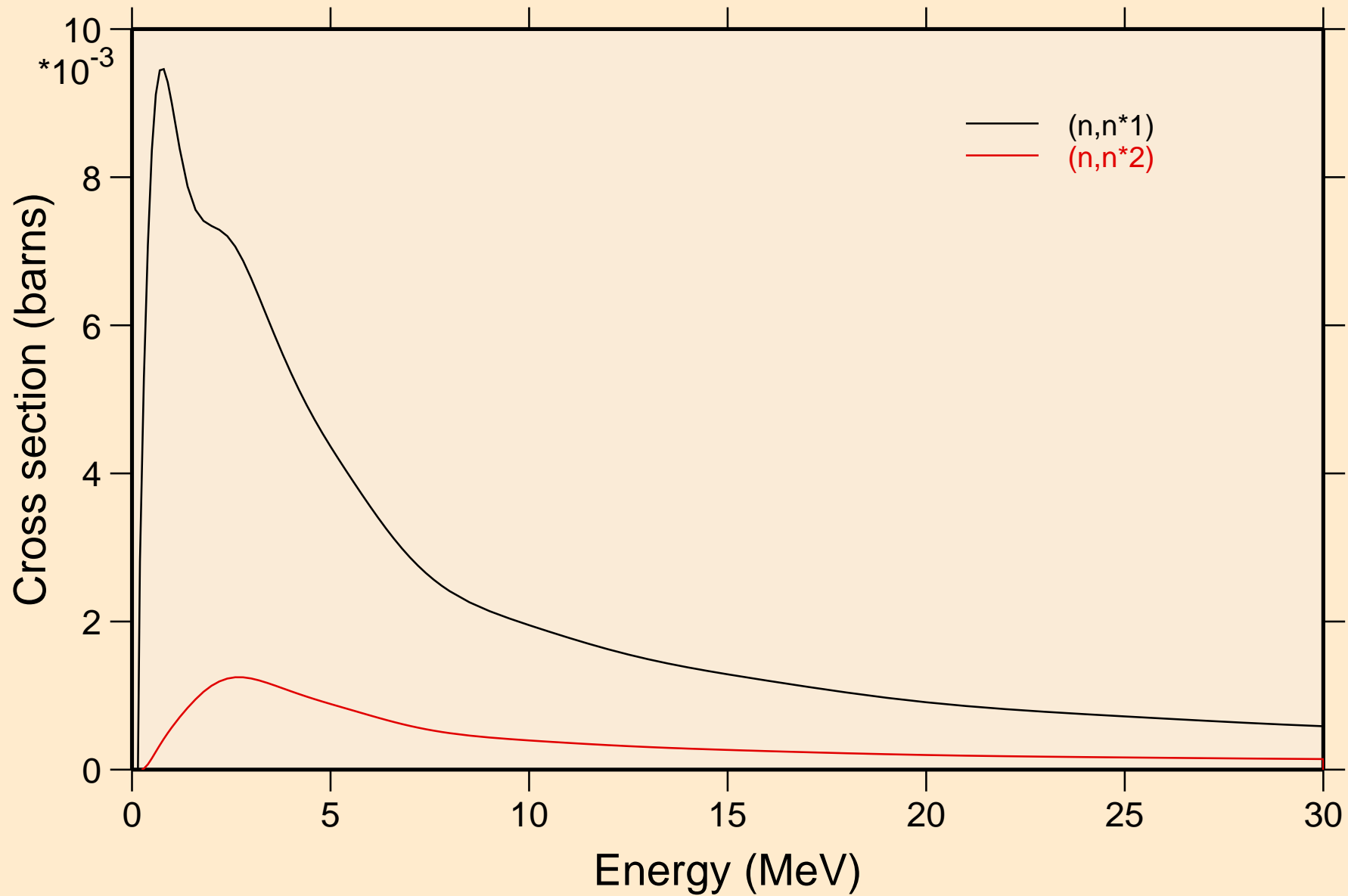


BI191 NRG TENDL-2015, AKONING  
Non-threshold reactions



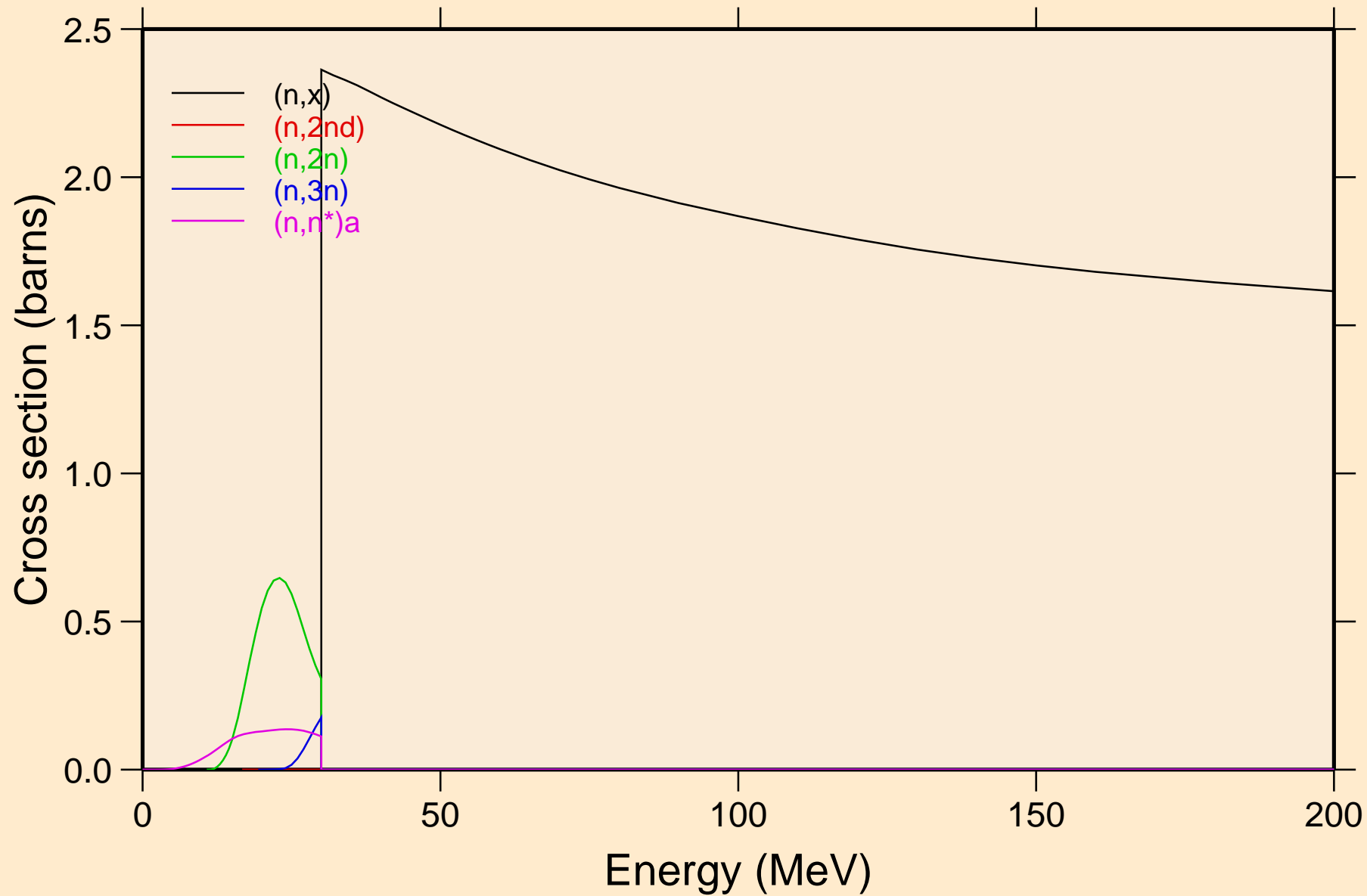
# BI191 NRG TENDL-2015, AKONING

## Inelastic levels



# BI191 NRG TENDL-2015, AKONING

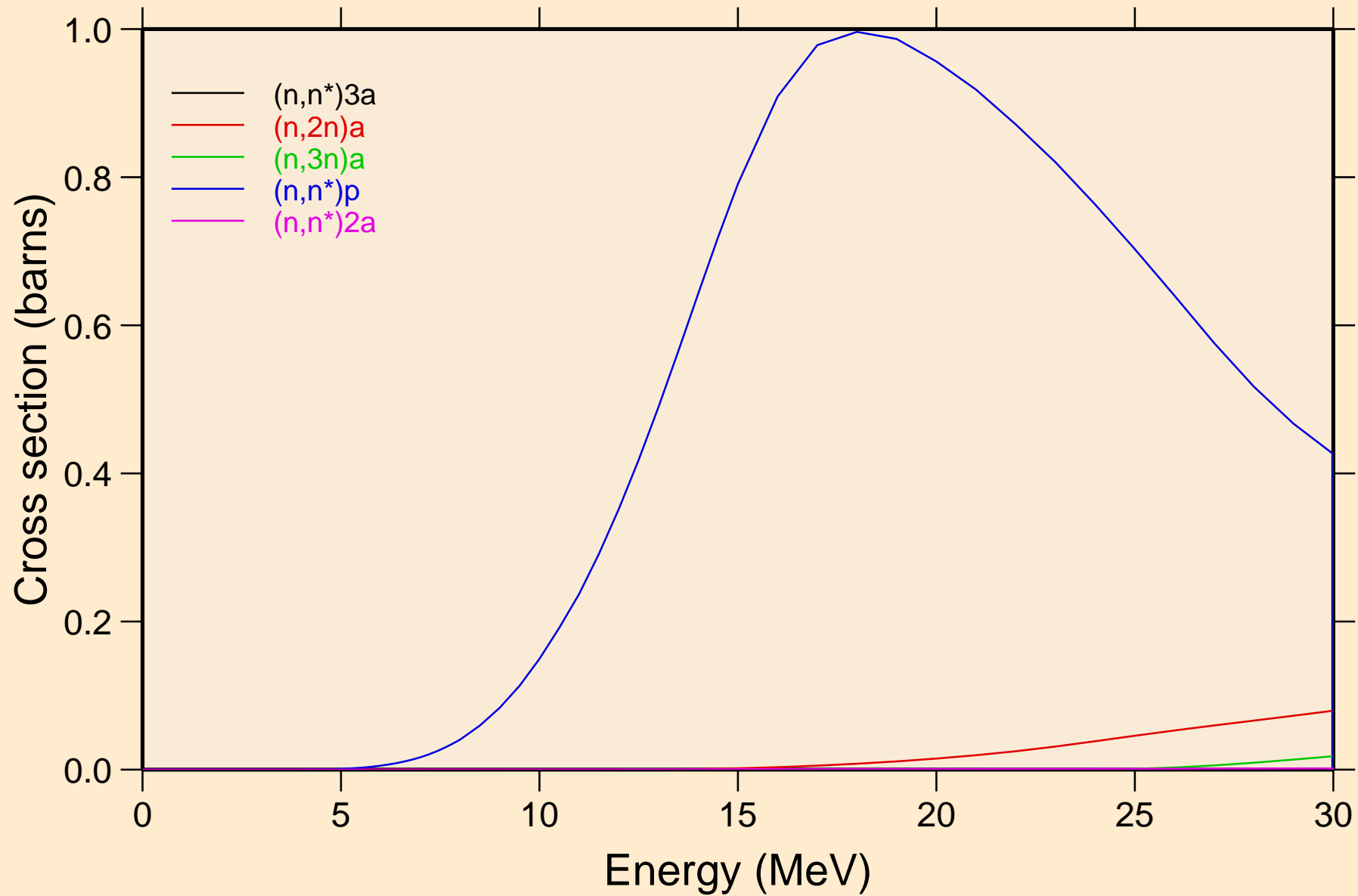
## Threshold reactions





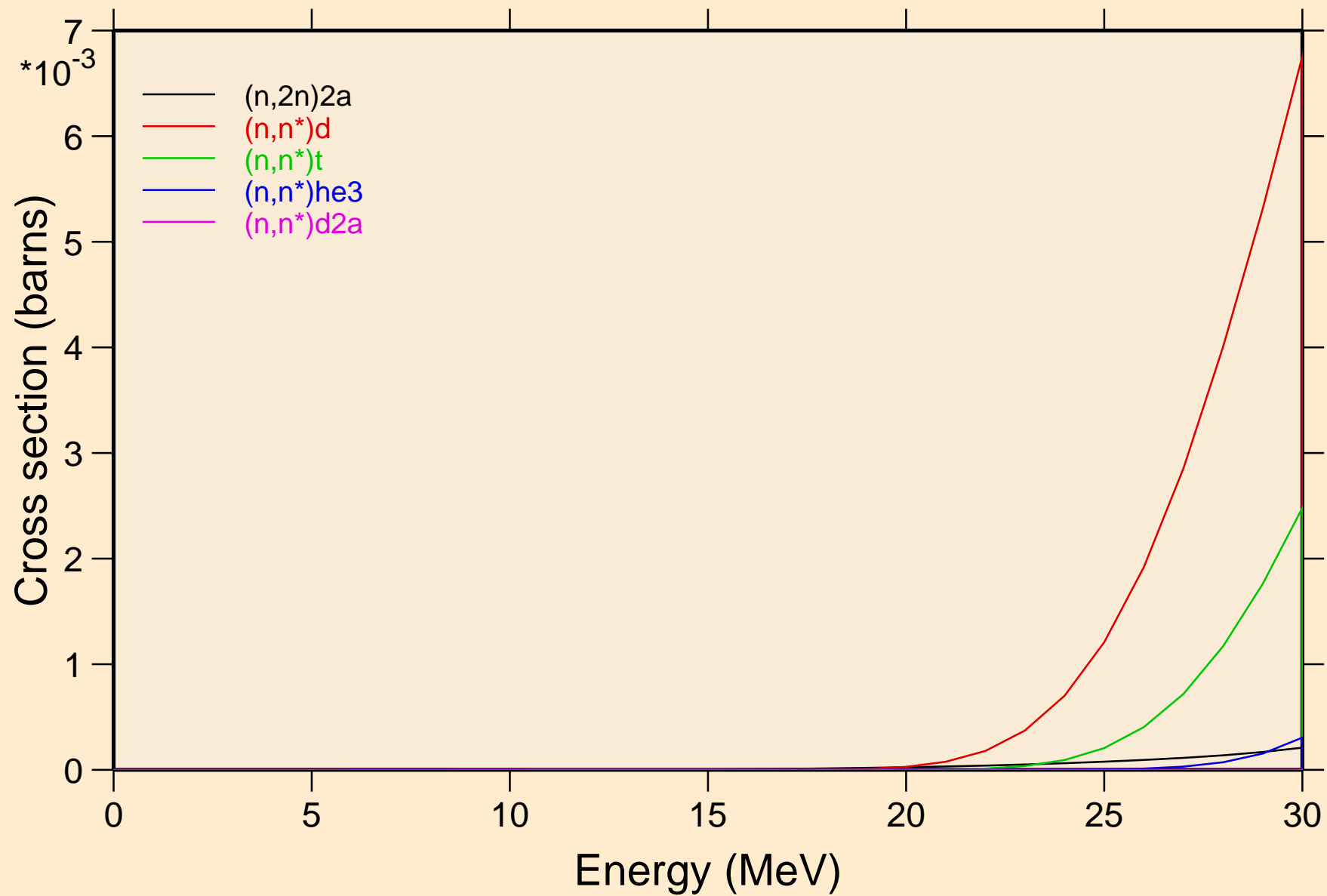
# BI191 NRG TENDL-2015, AKONING

## Threshold reactions



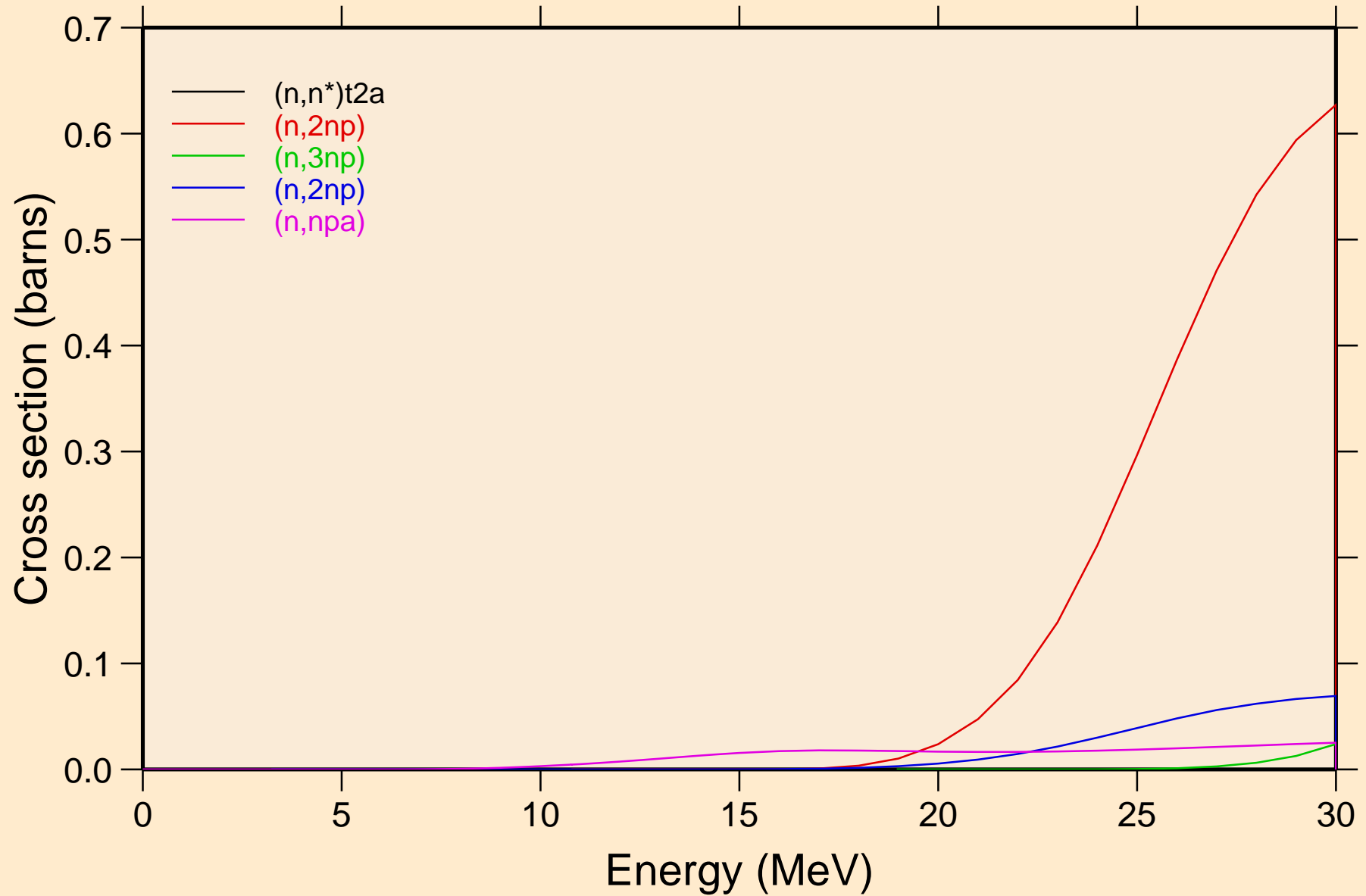
# BI191 NRG TENDL-2015, AKONING

## Threshold reactions



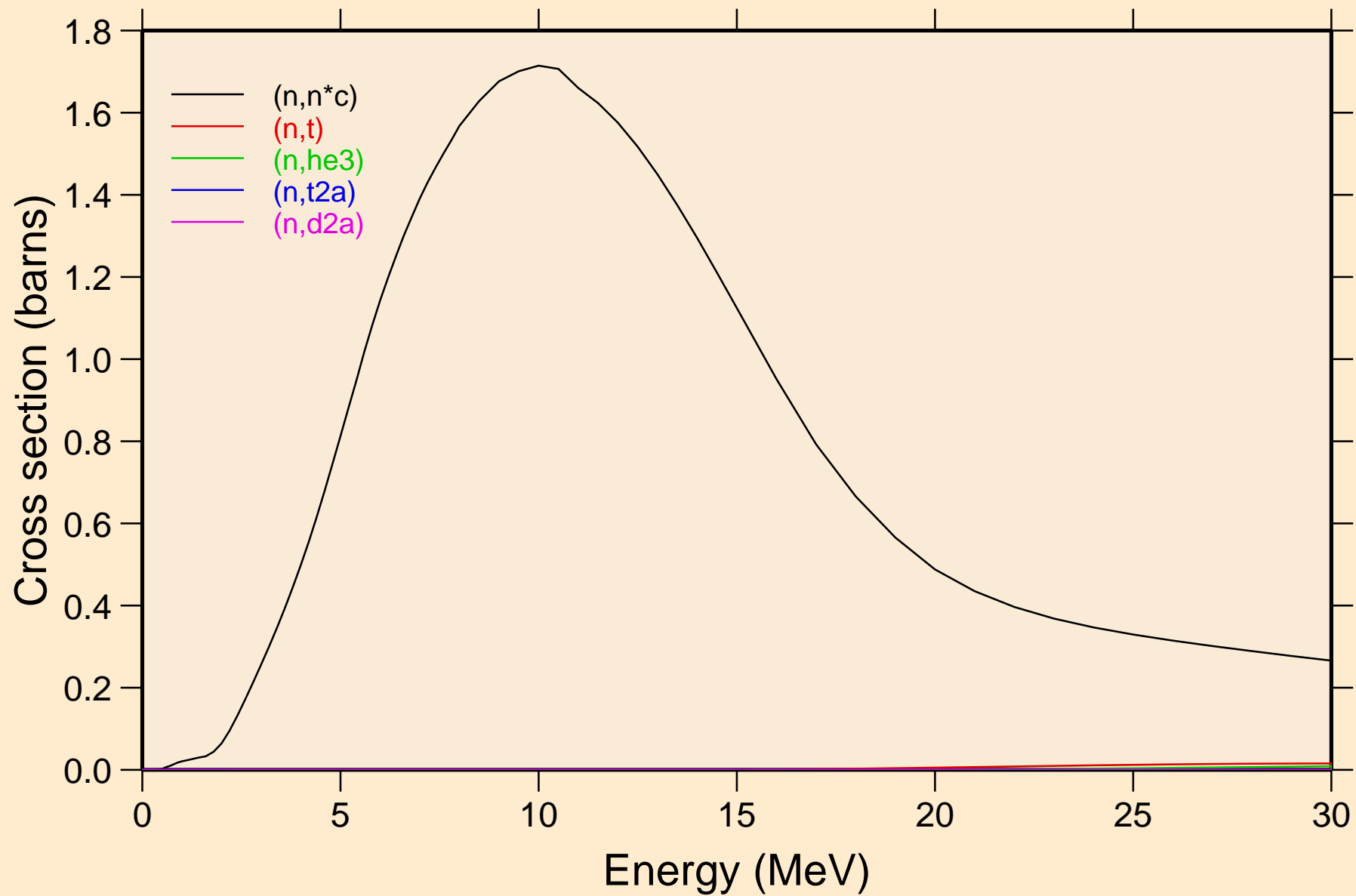
# BI191 NRG TENDL-2015, AKONING

## Threshold reactions



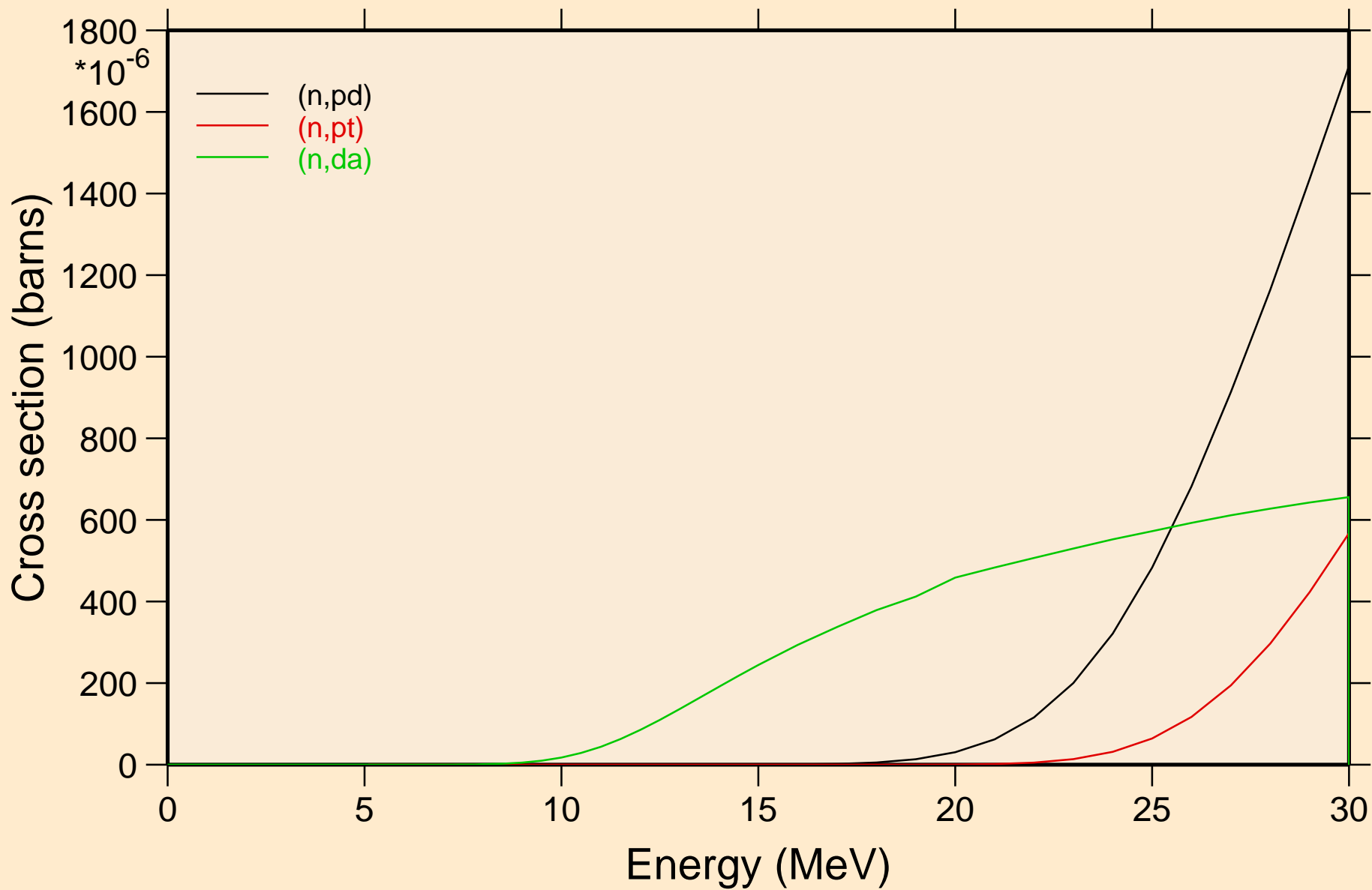
# BI191 NRG TENDL-2015, AKONING

## Threshold reactions

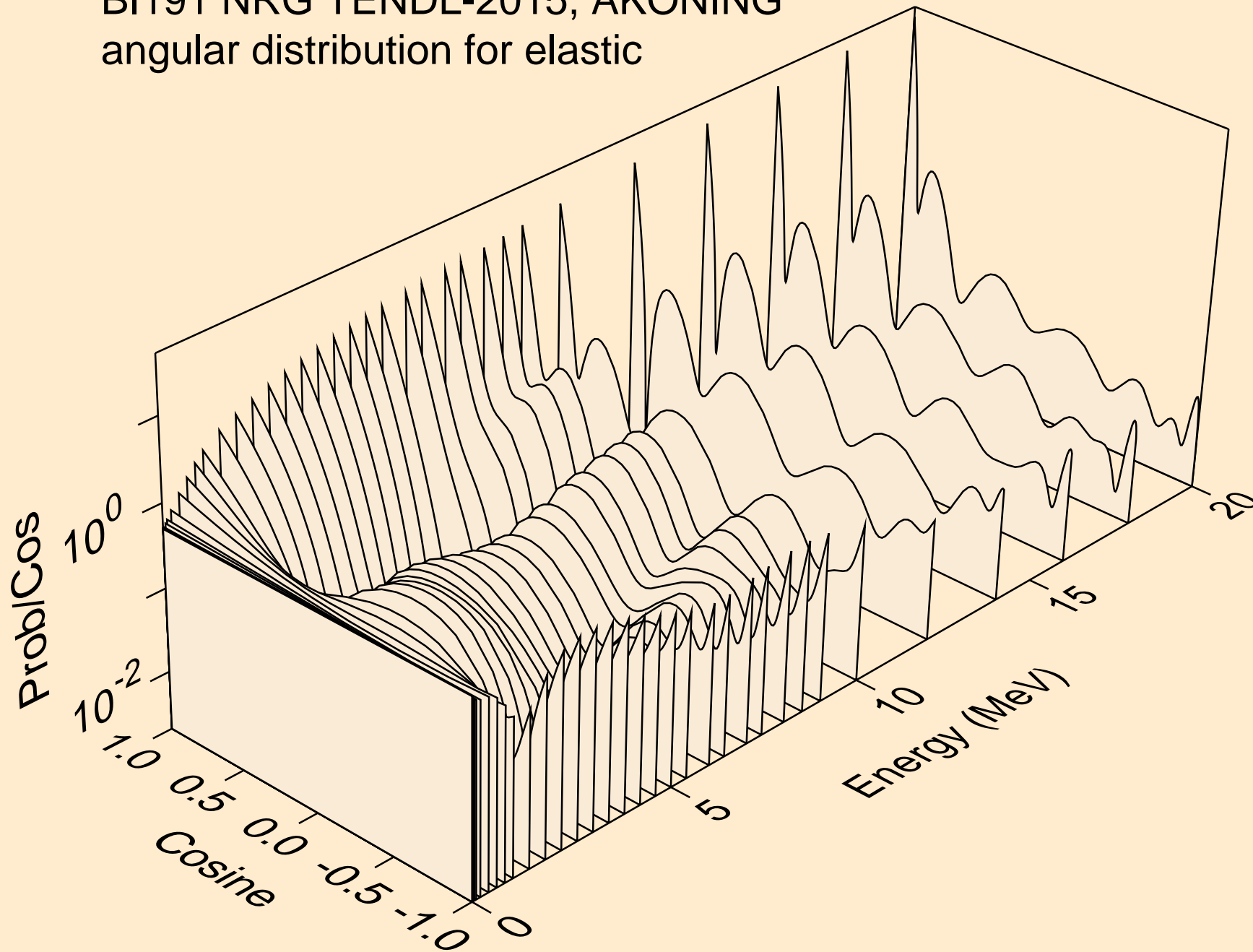


# BI191 NRG TENDL-2015, AKONING

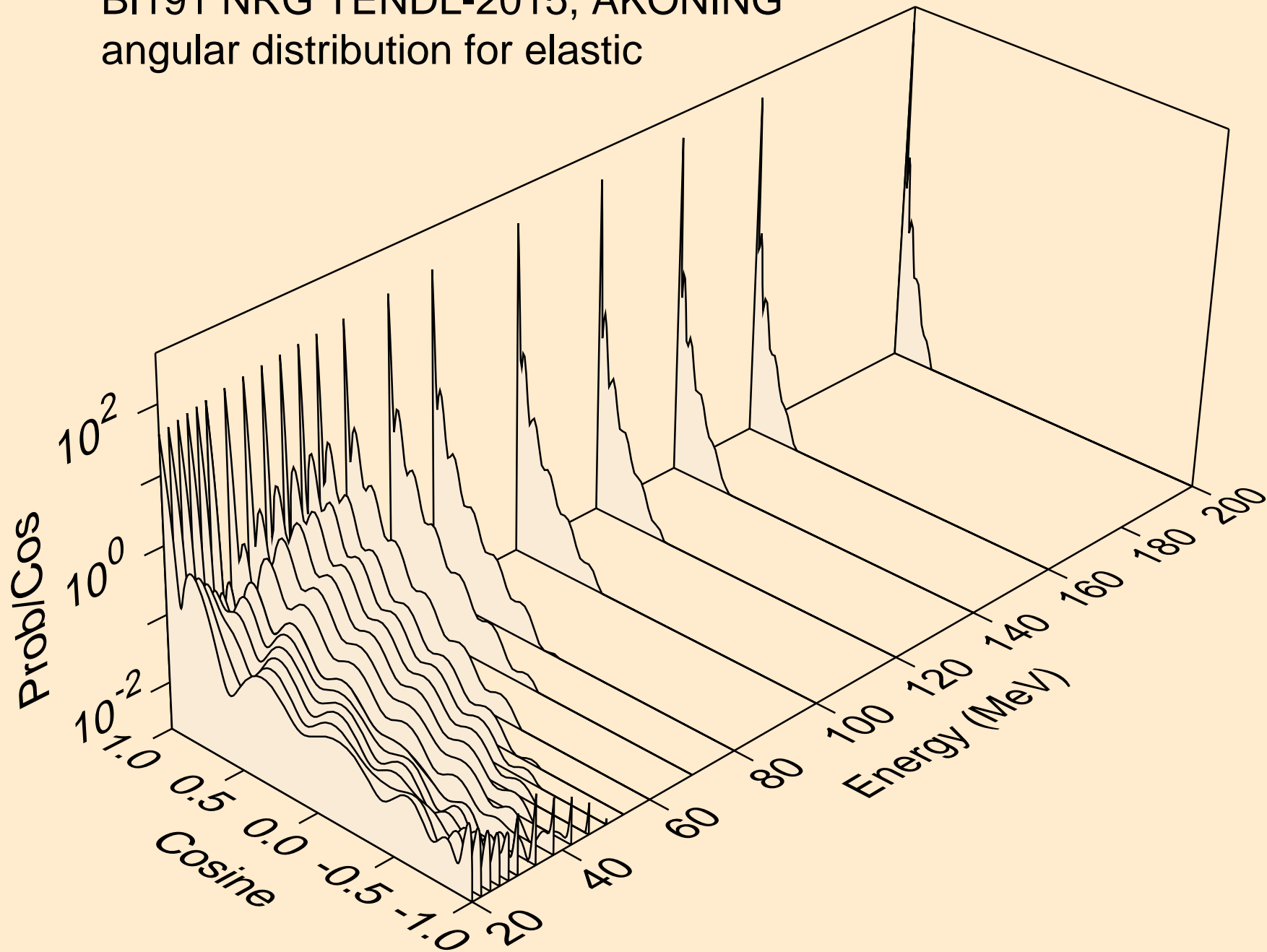
## Threshold reactions



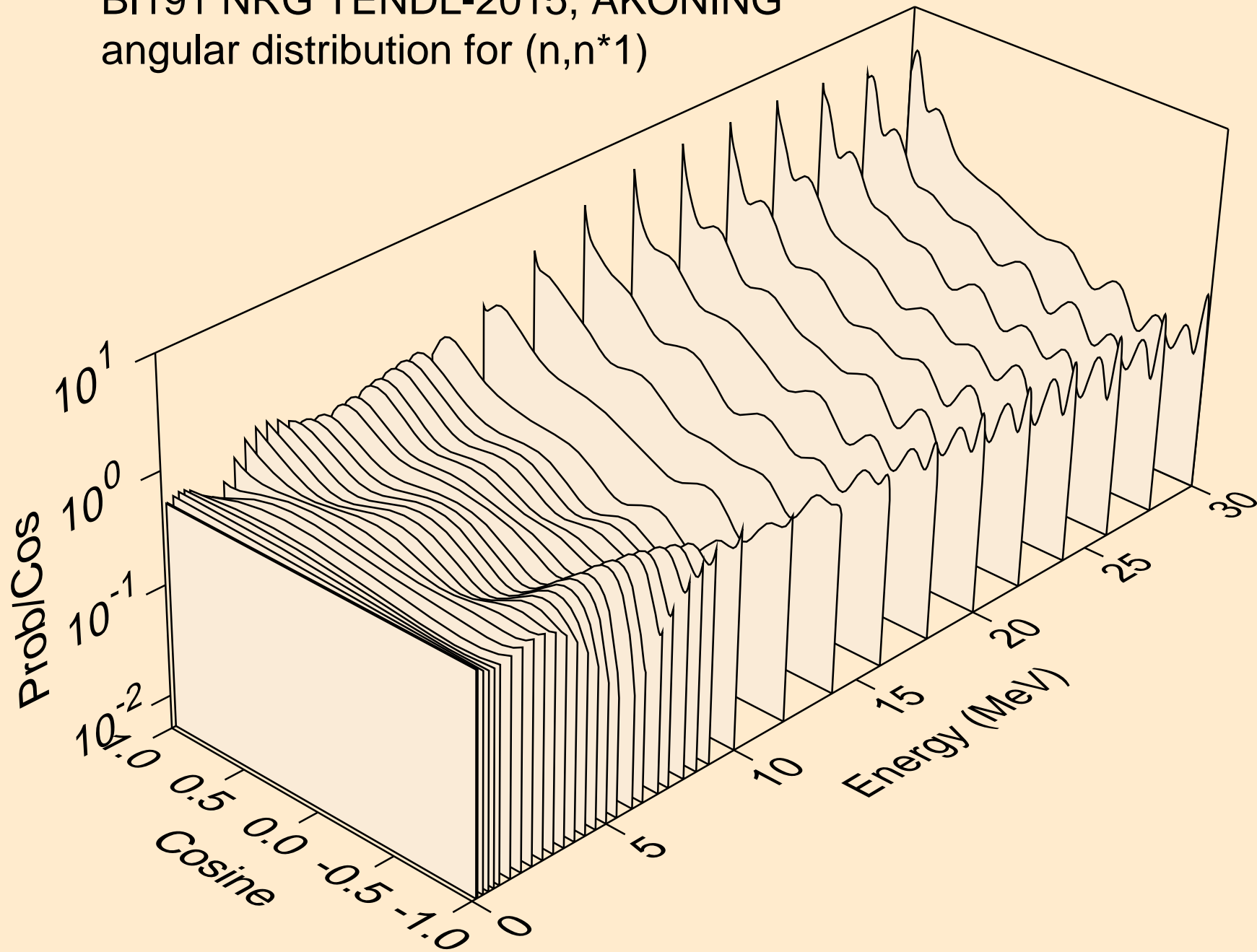
BI191 NRG TENDL-2015, AKONING  
angular distribution for elastic



BI191 NRG TENDL-2015, AKONING  
angular distribution for elastic

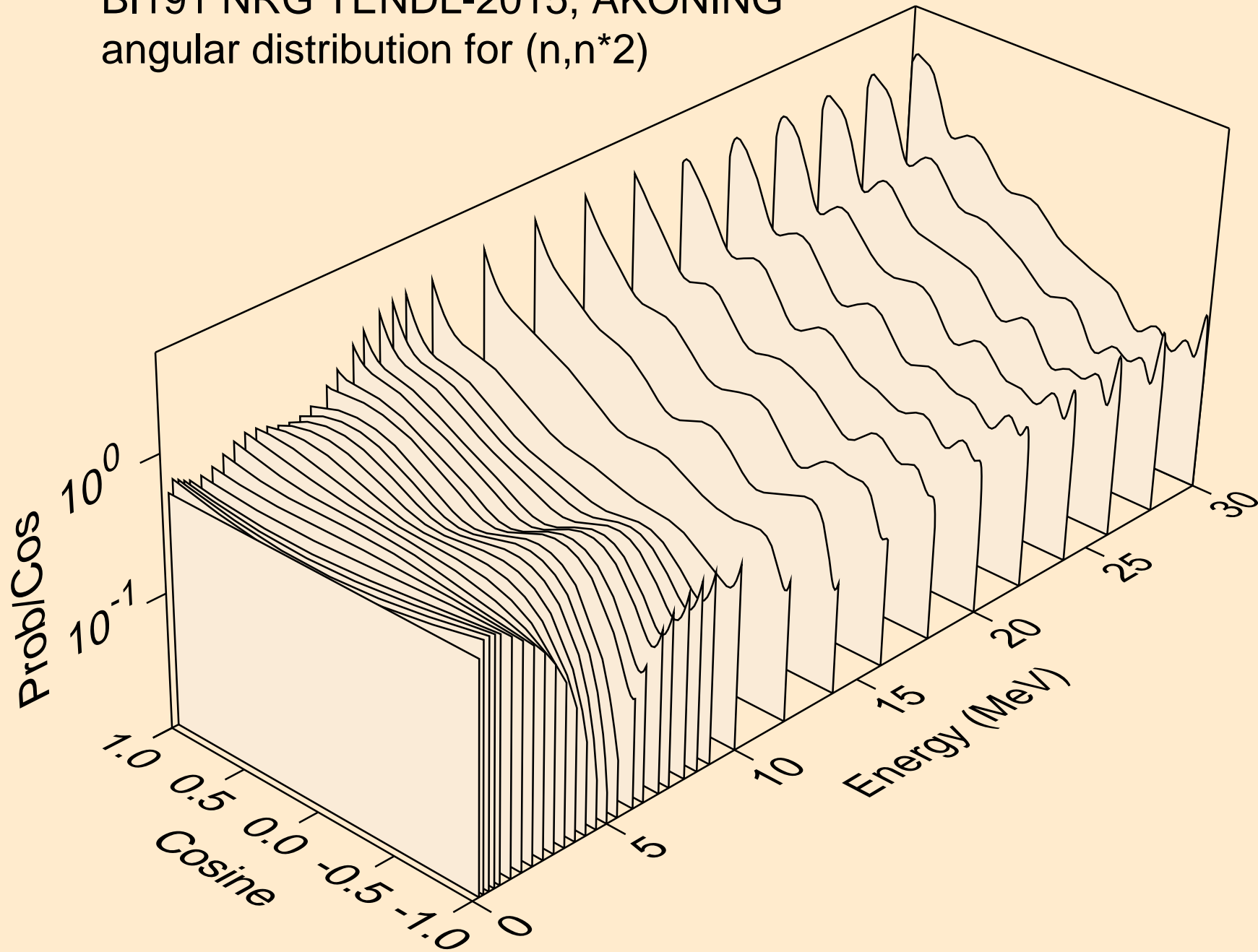


BI191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

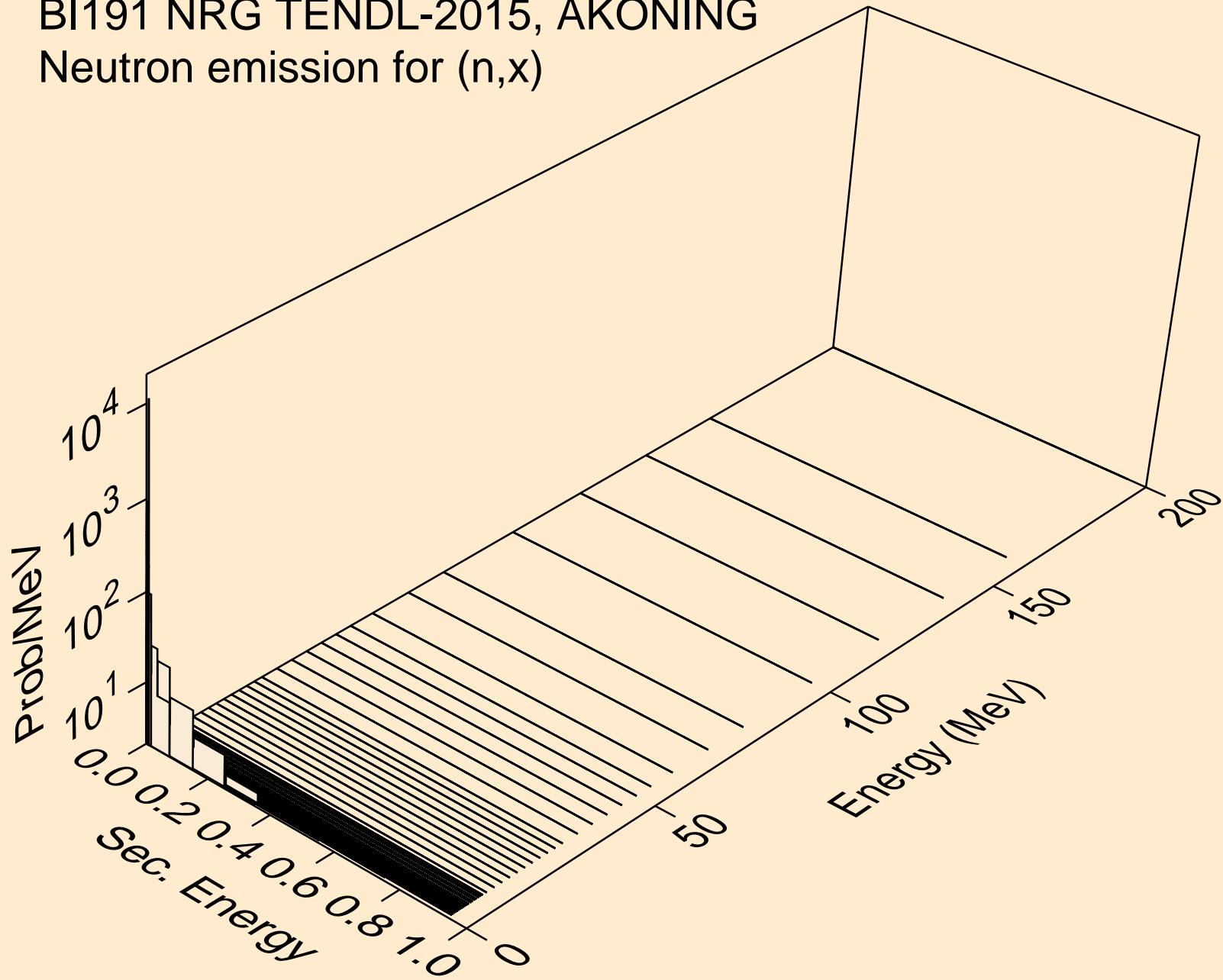




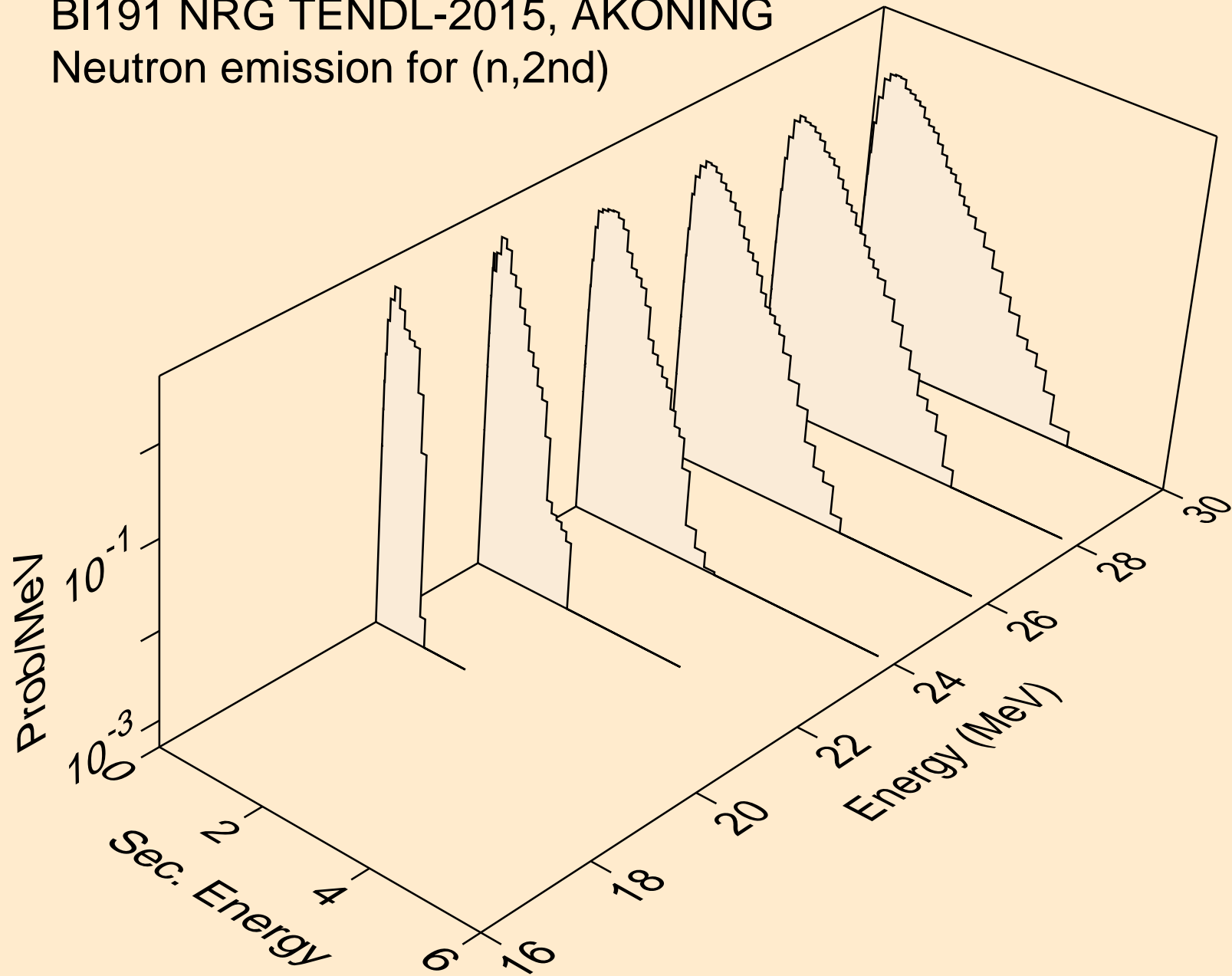
BI191 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



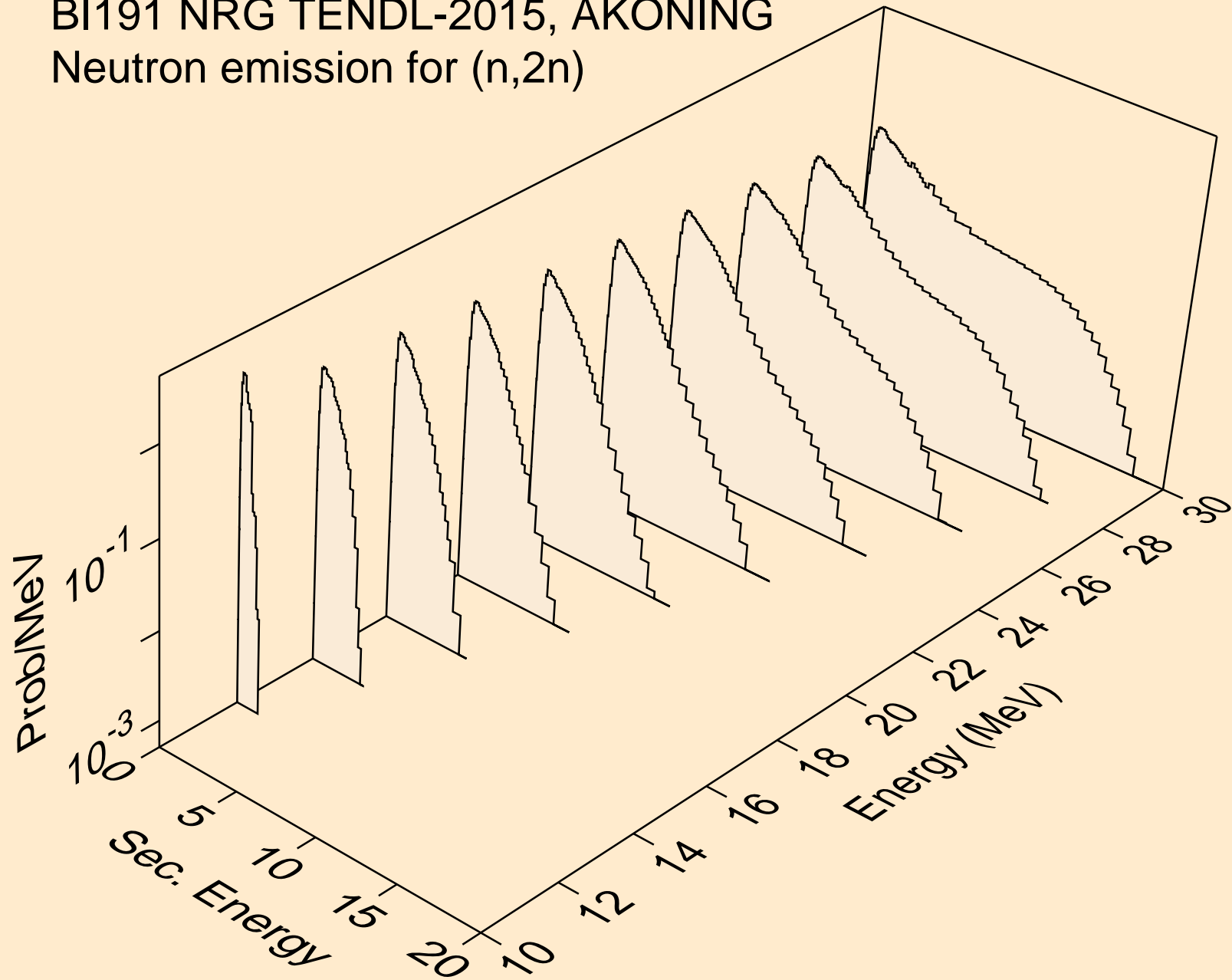
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



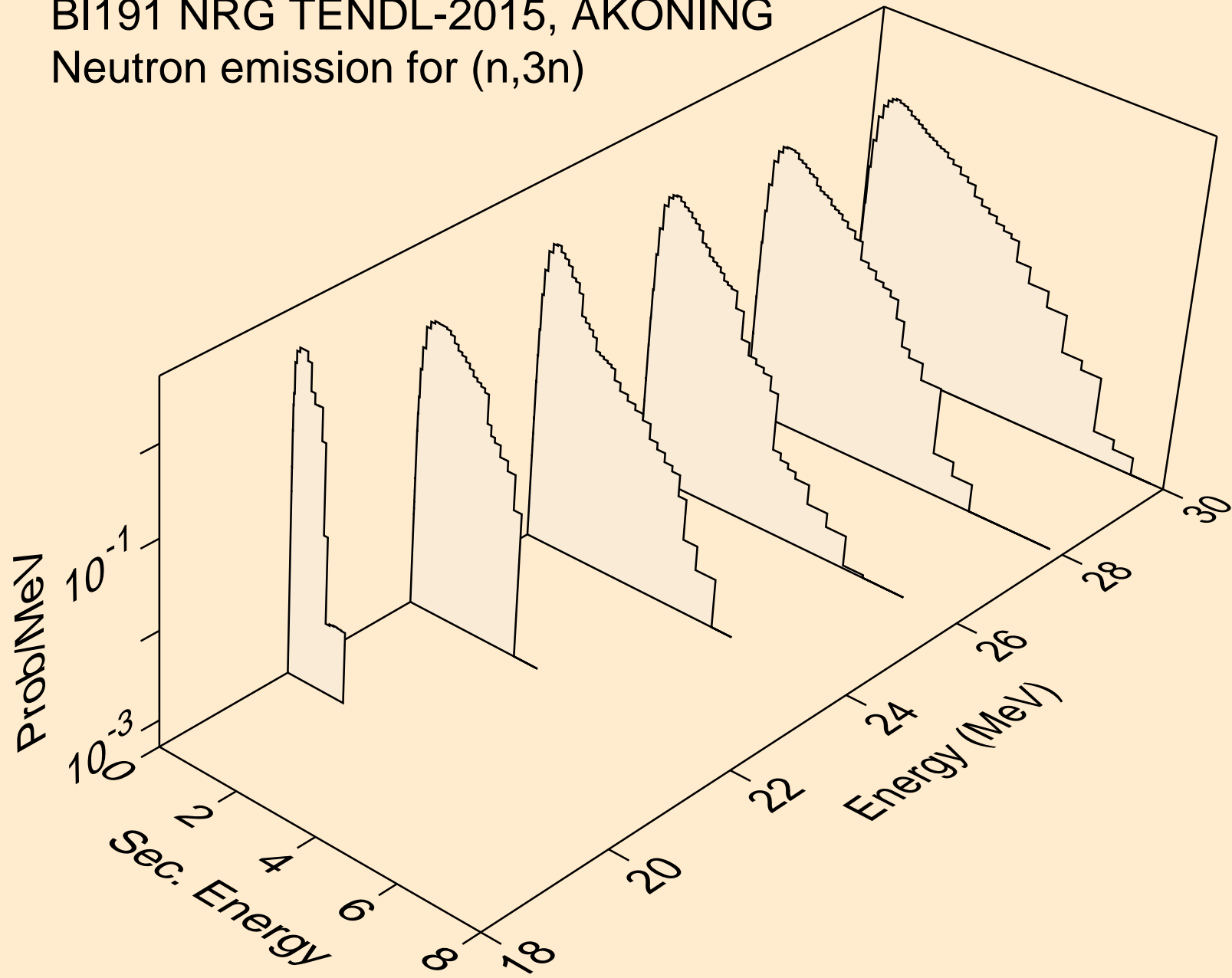
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



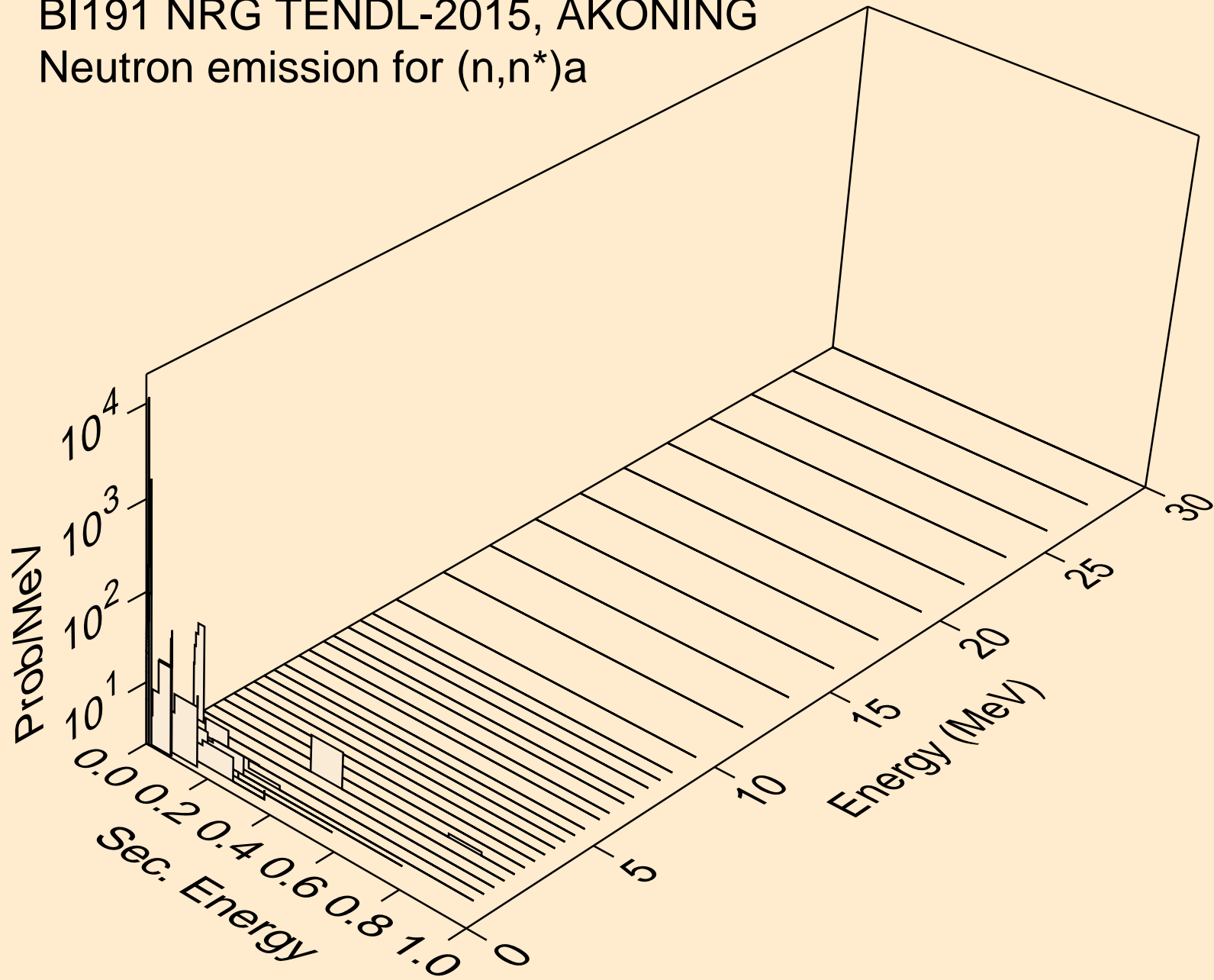
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



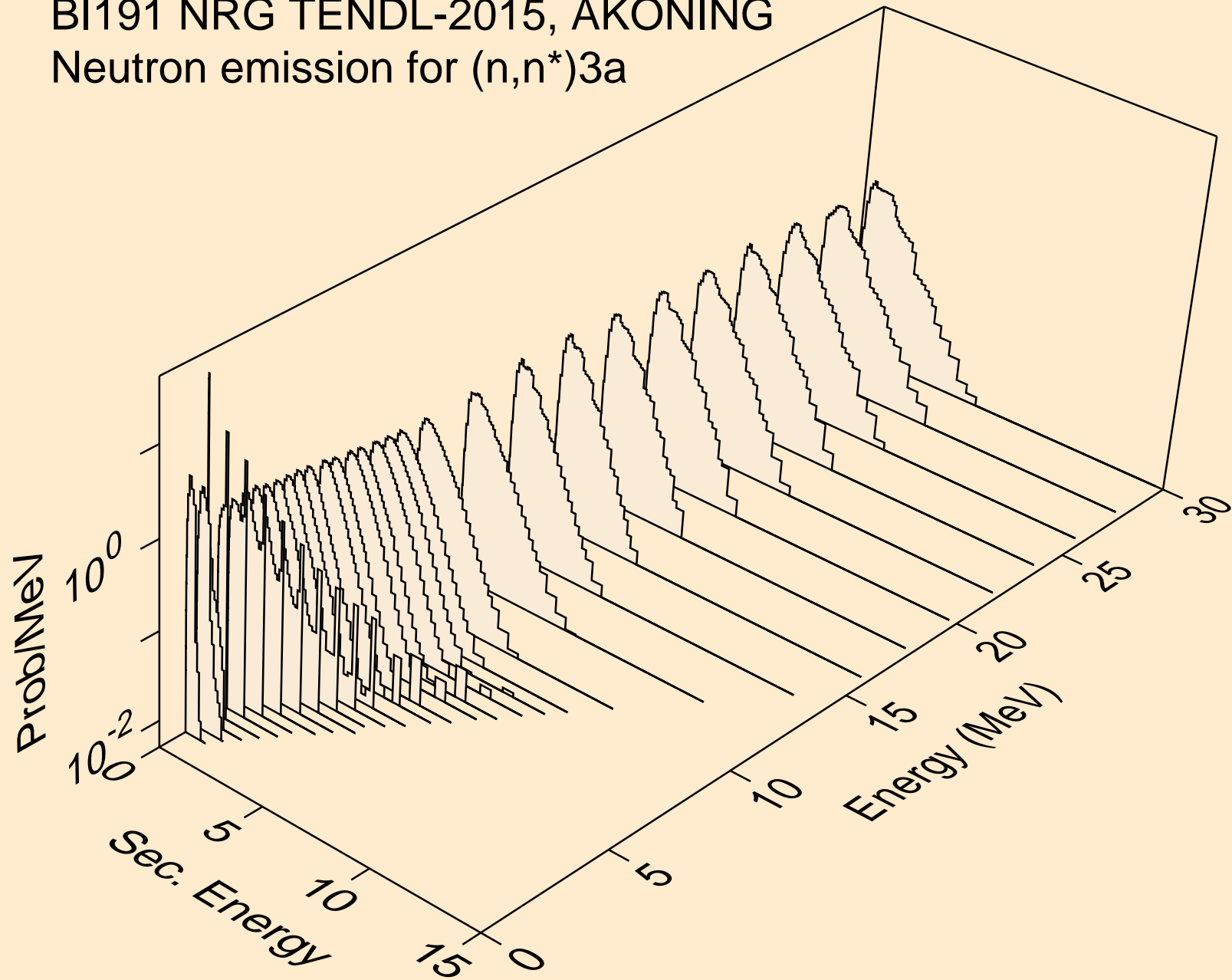
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



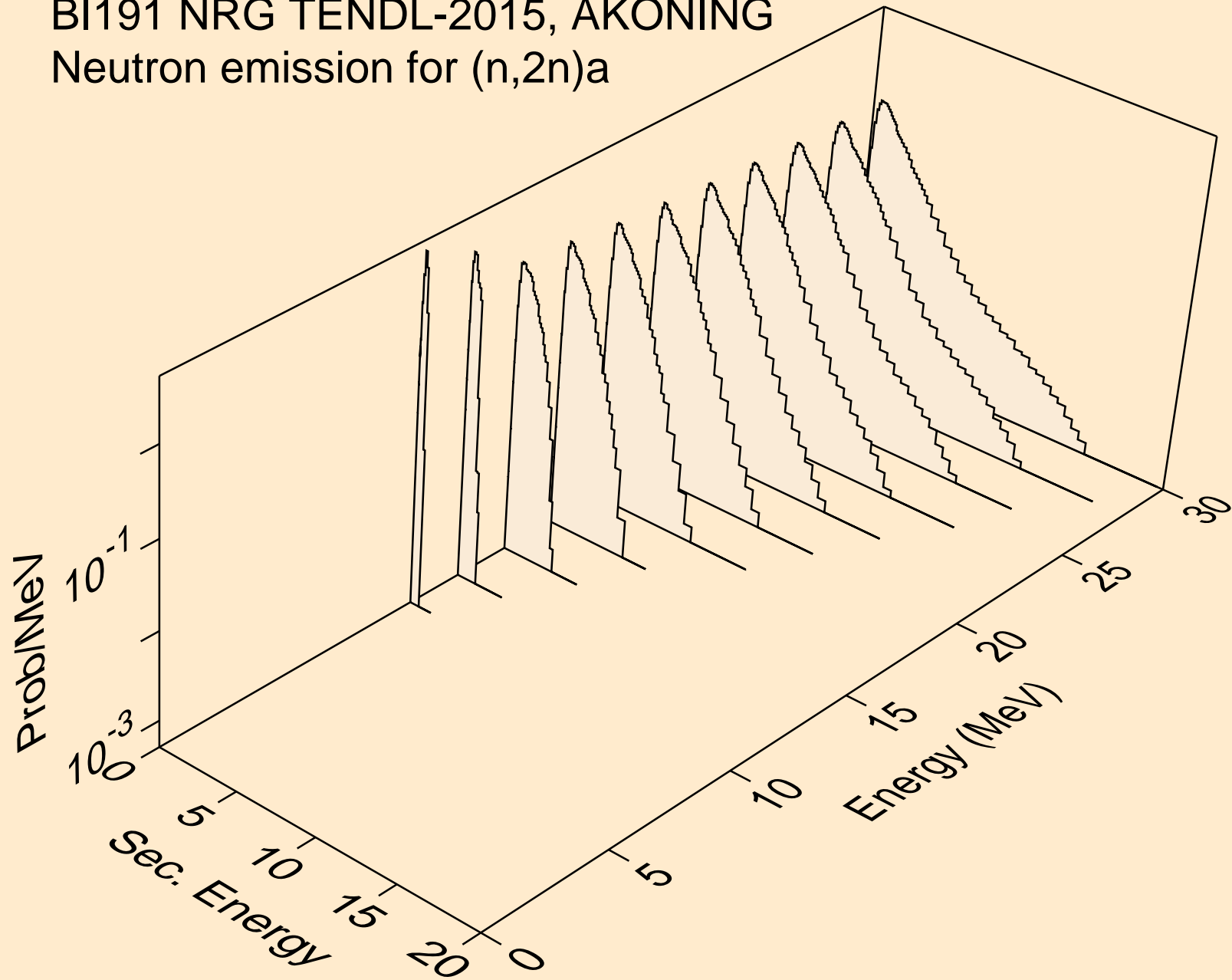
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

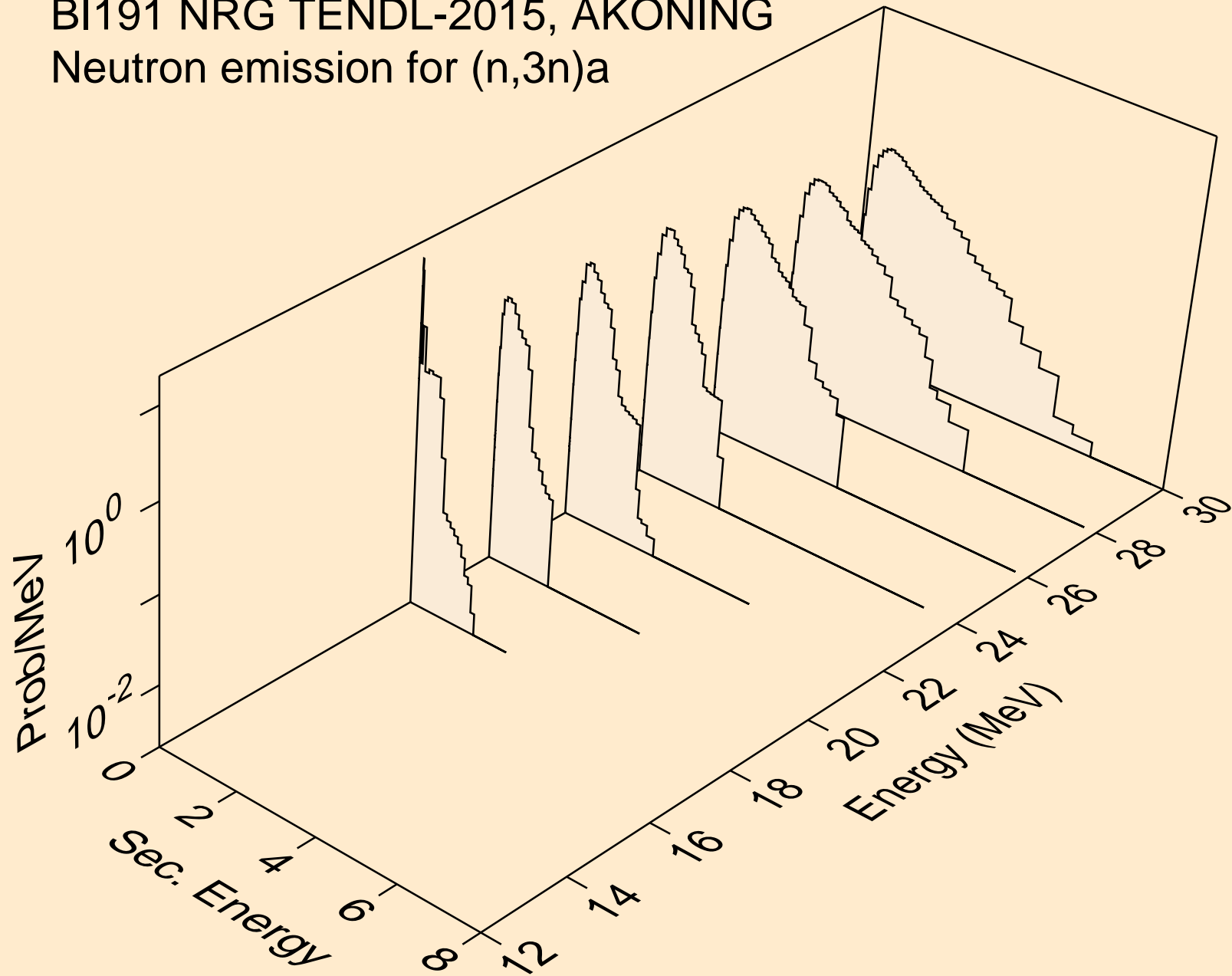


BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

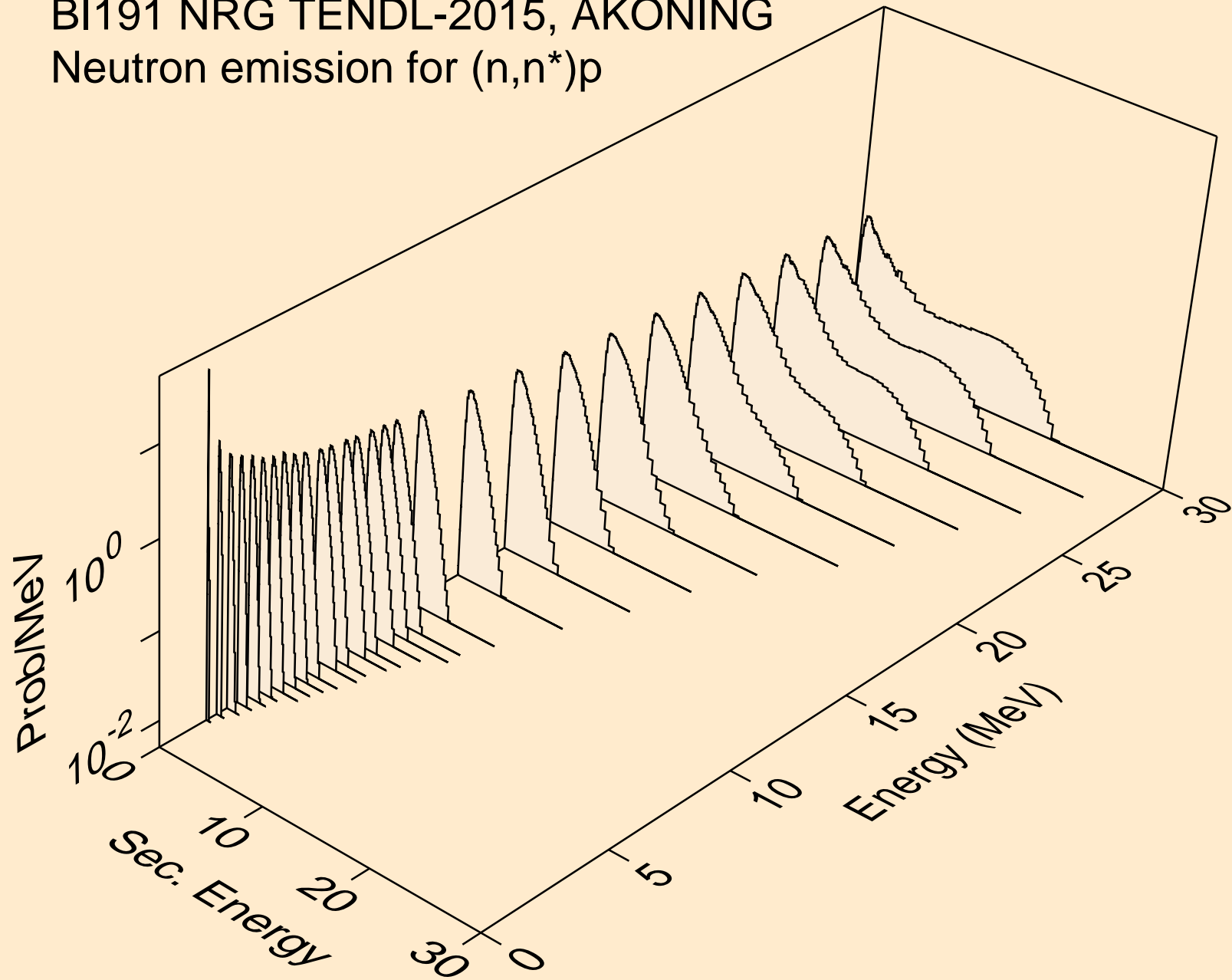




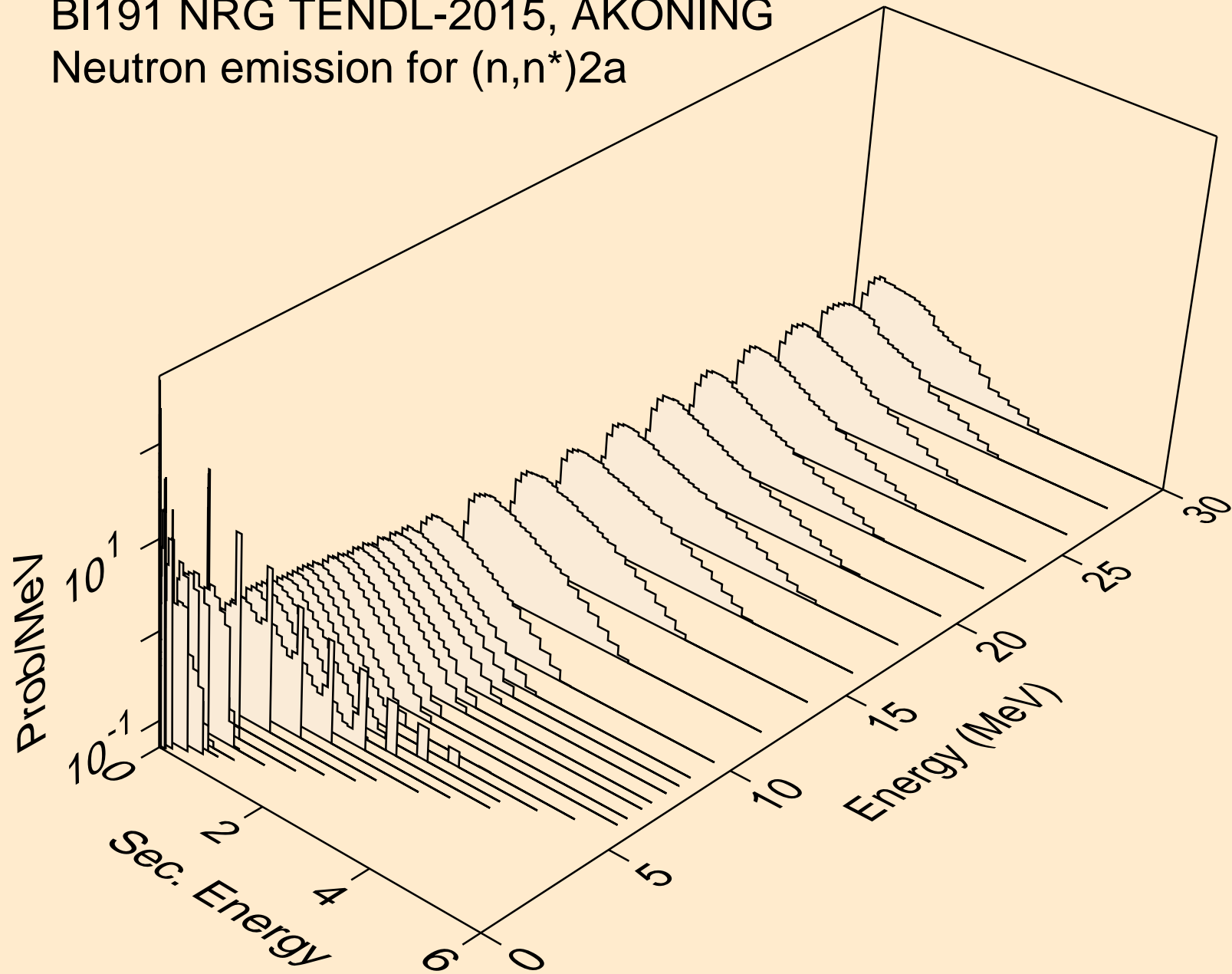
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



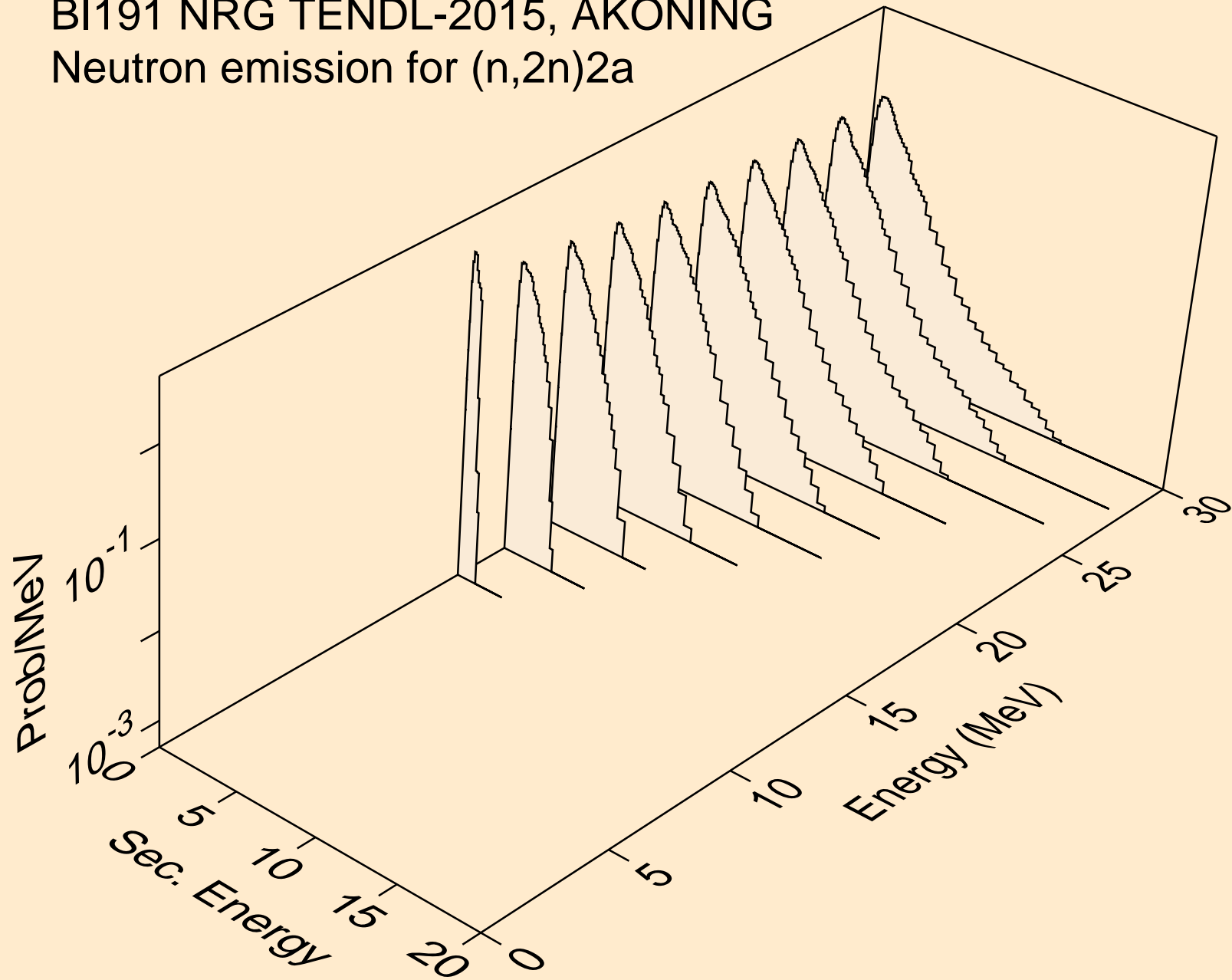
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



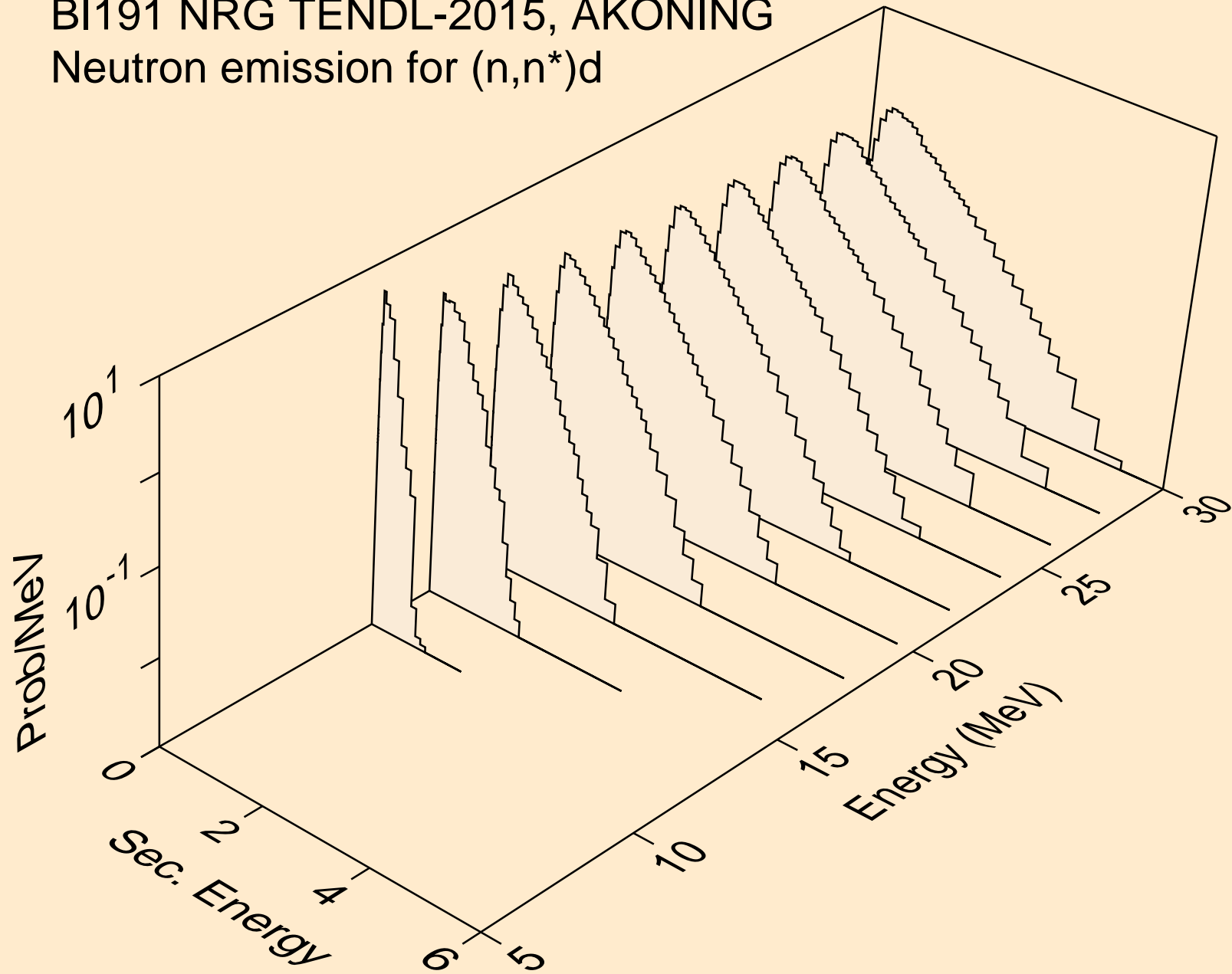
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



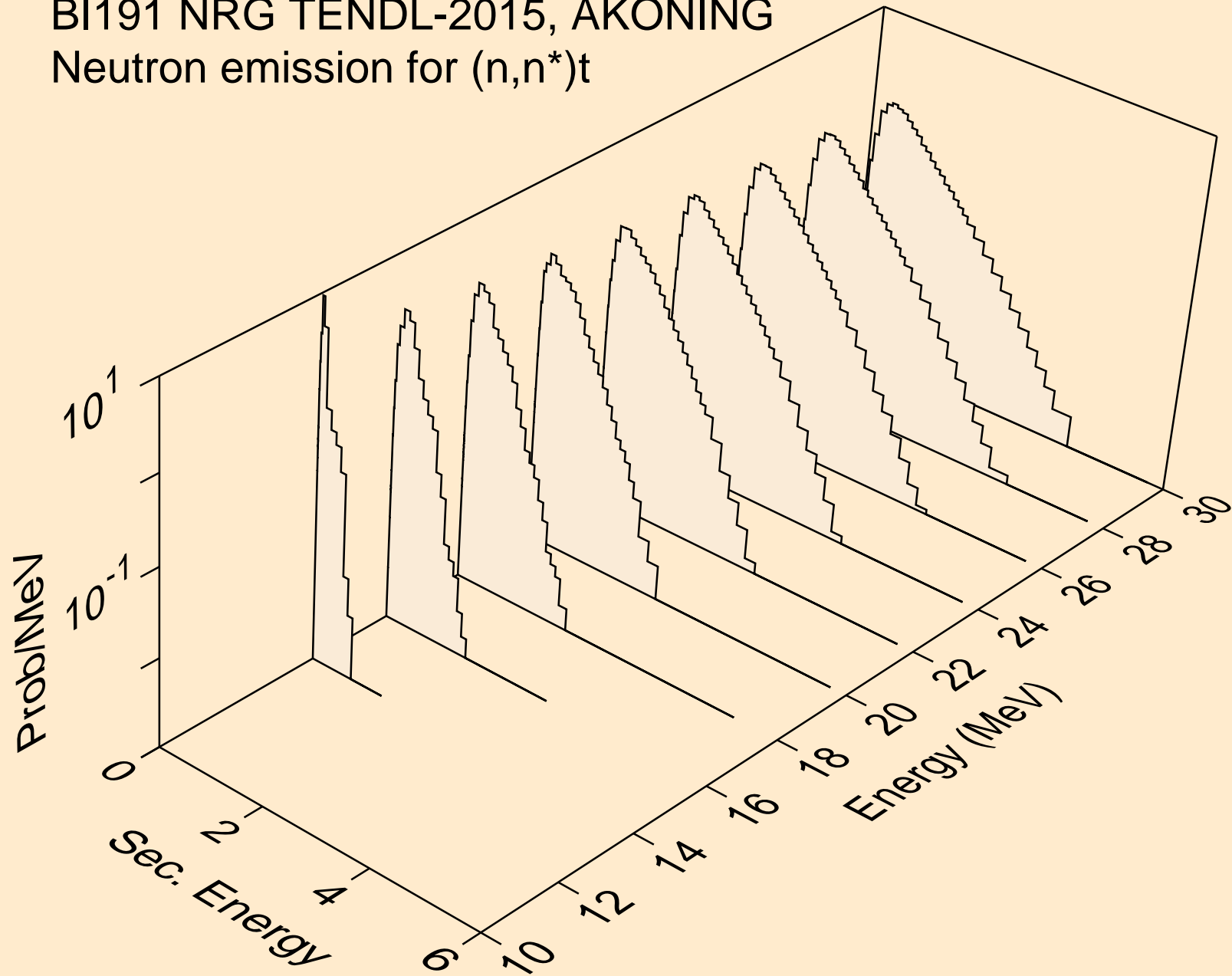
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



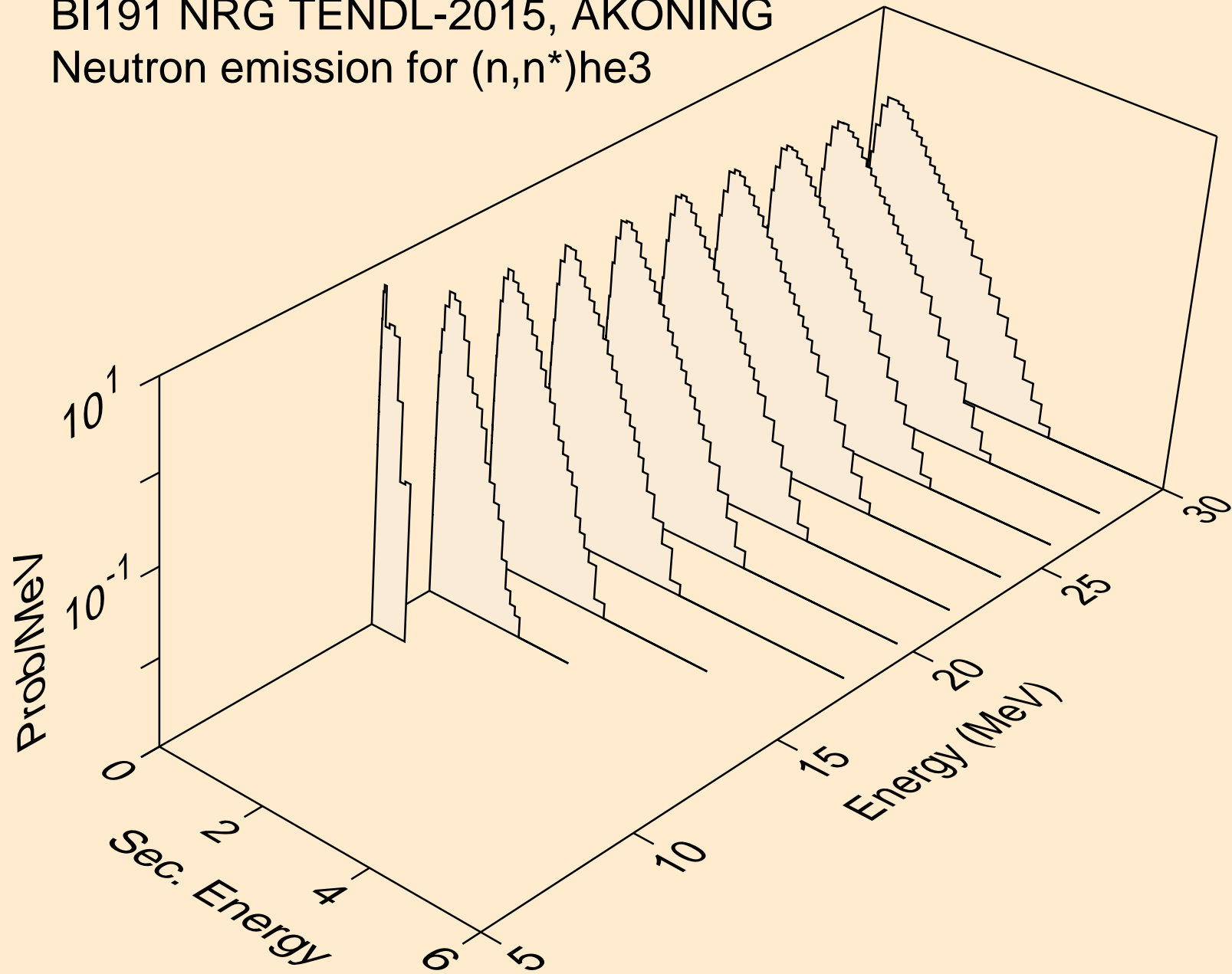
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



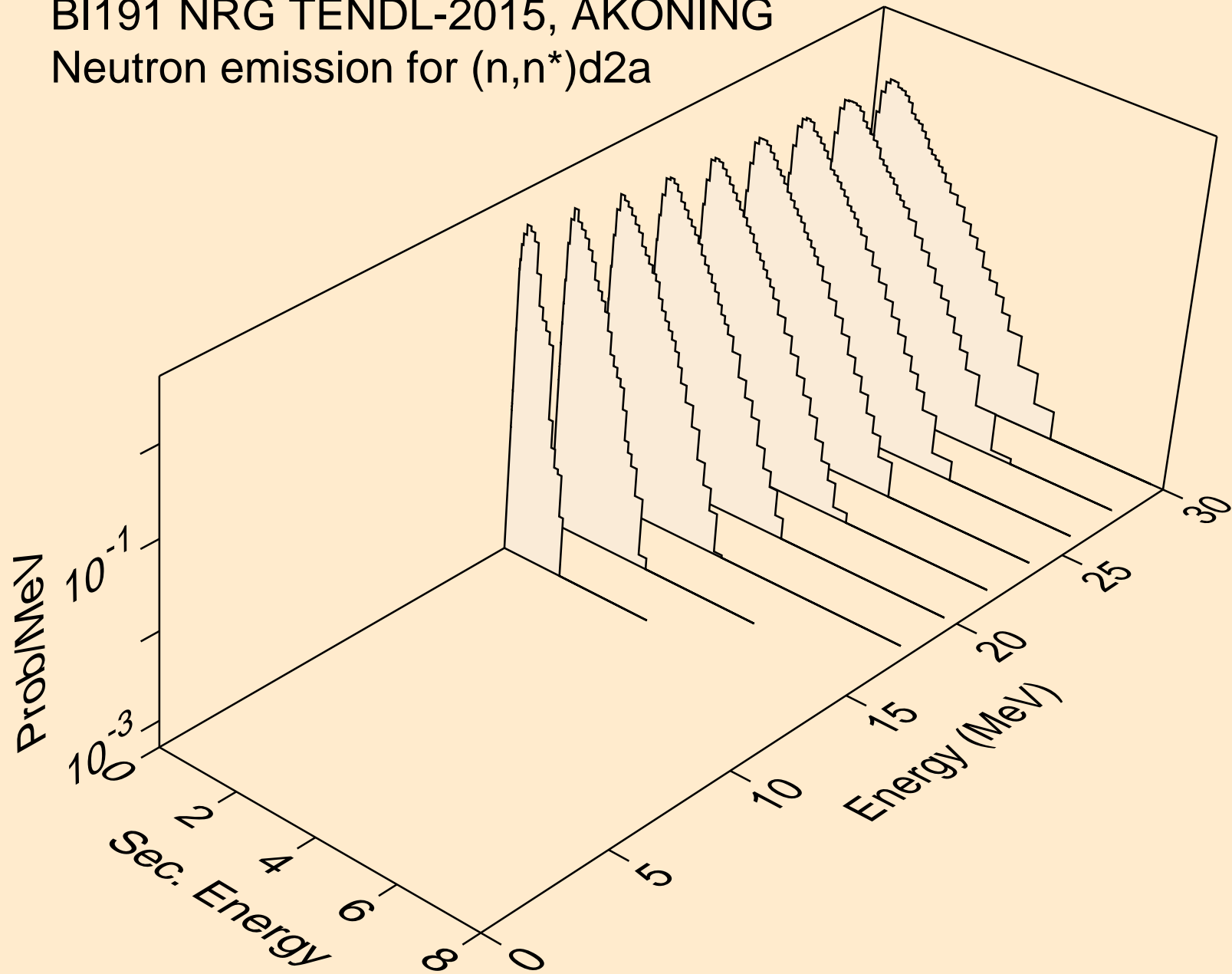
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

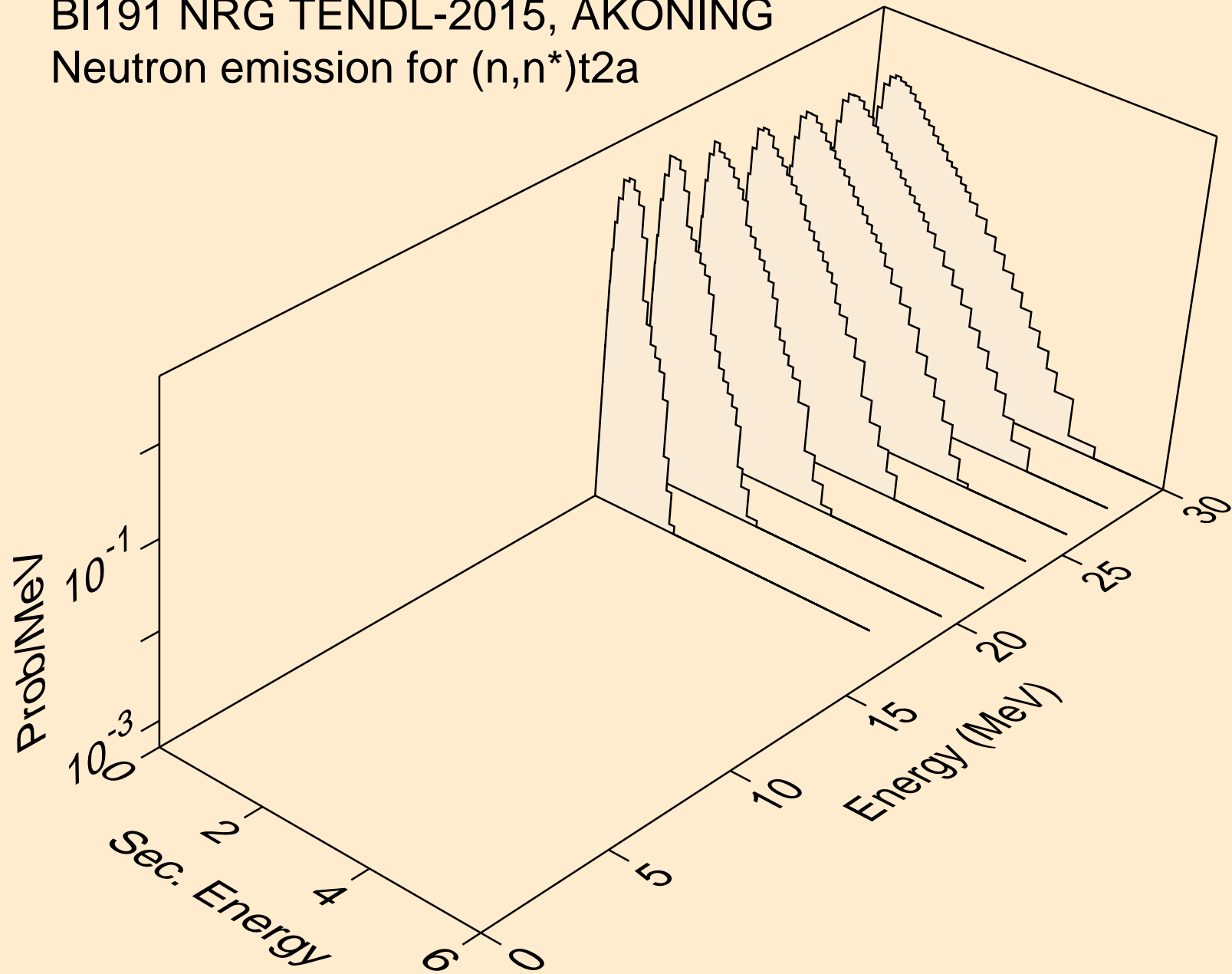


BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a

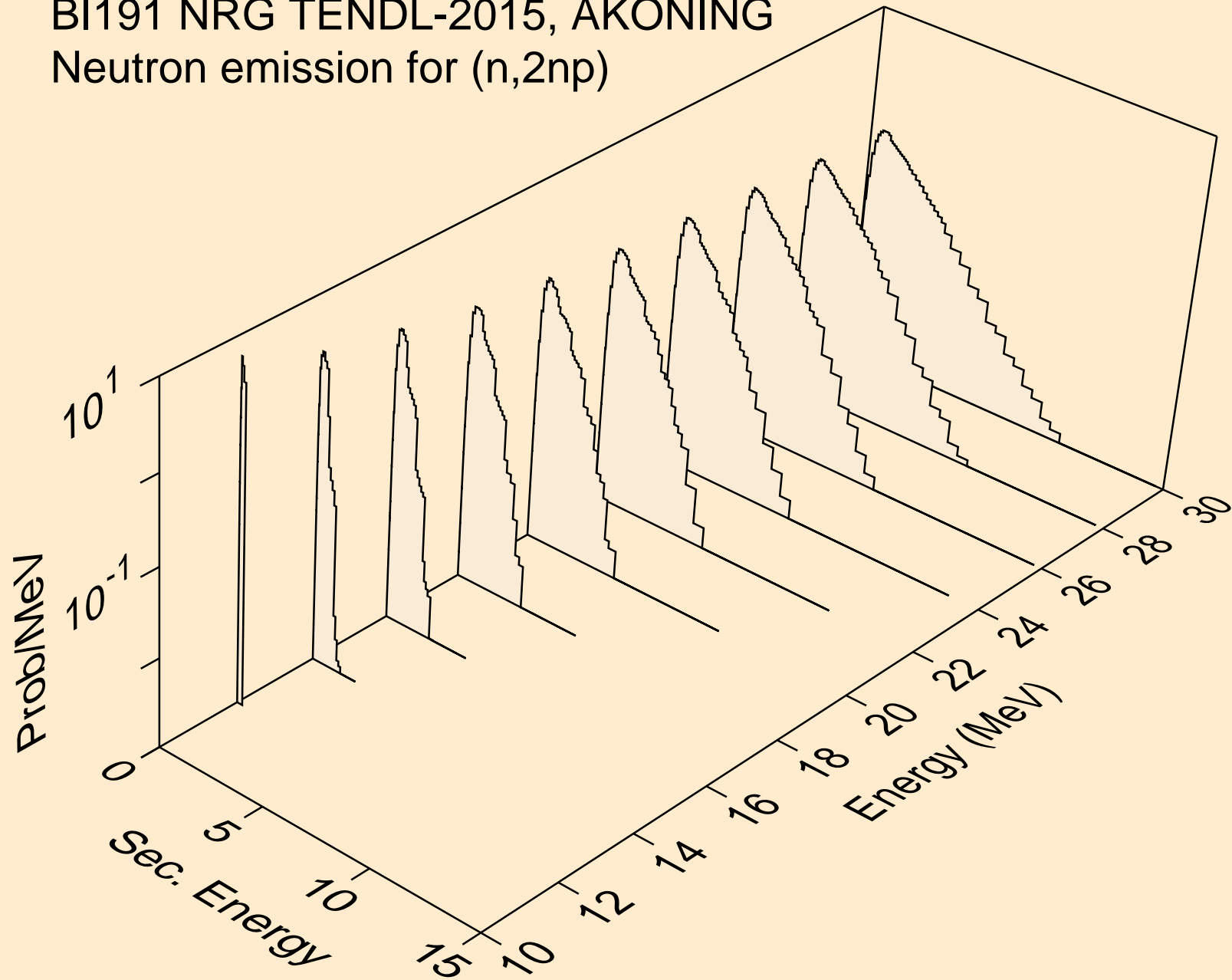




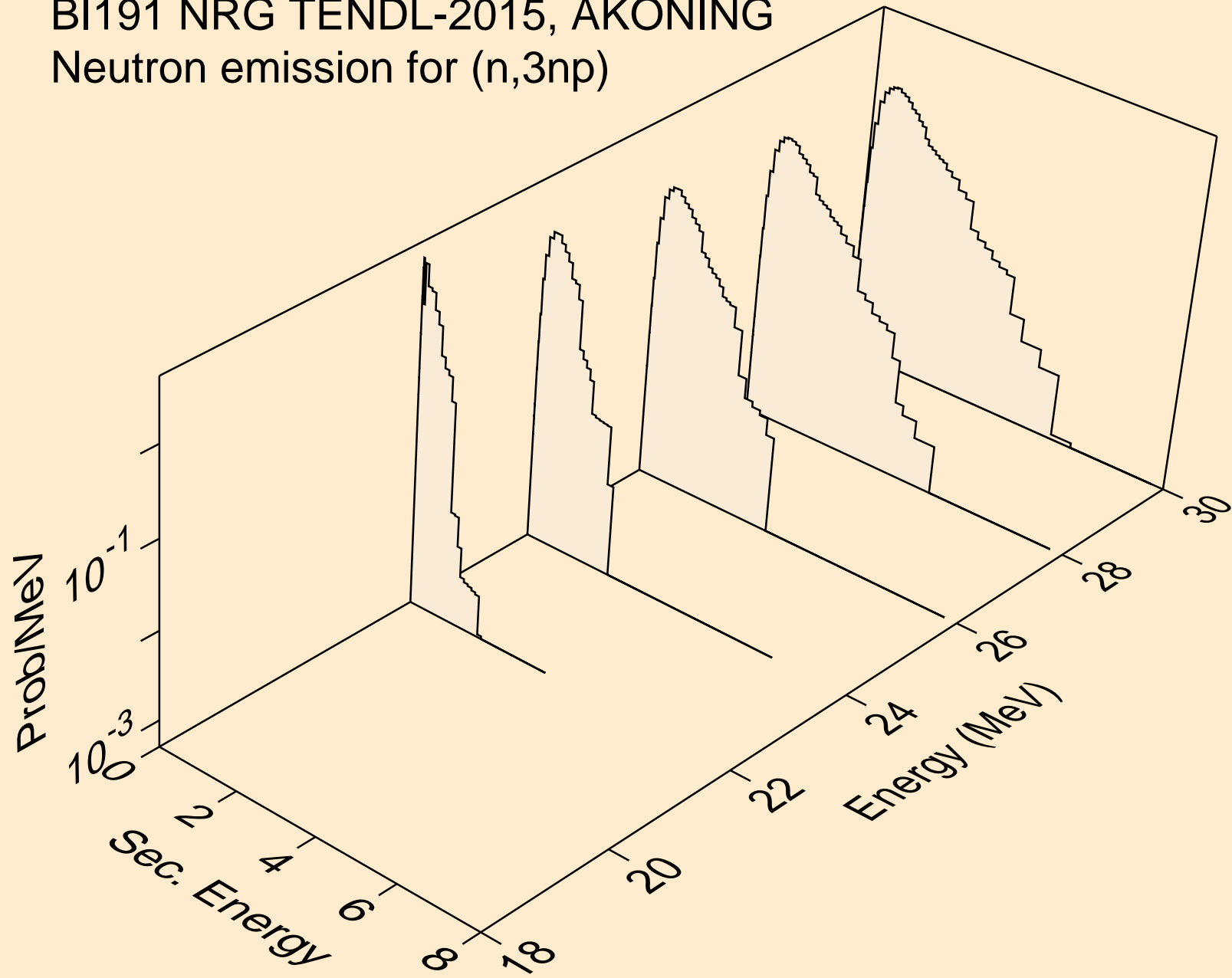
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



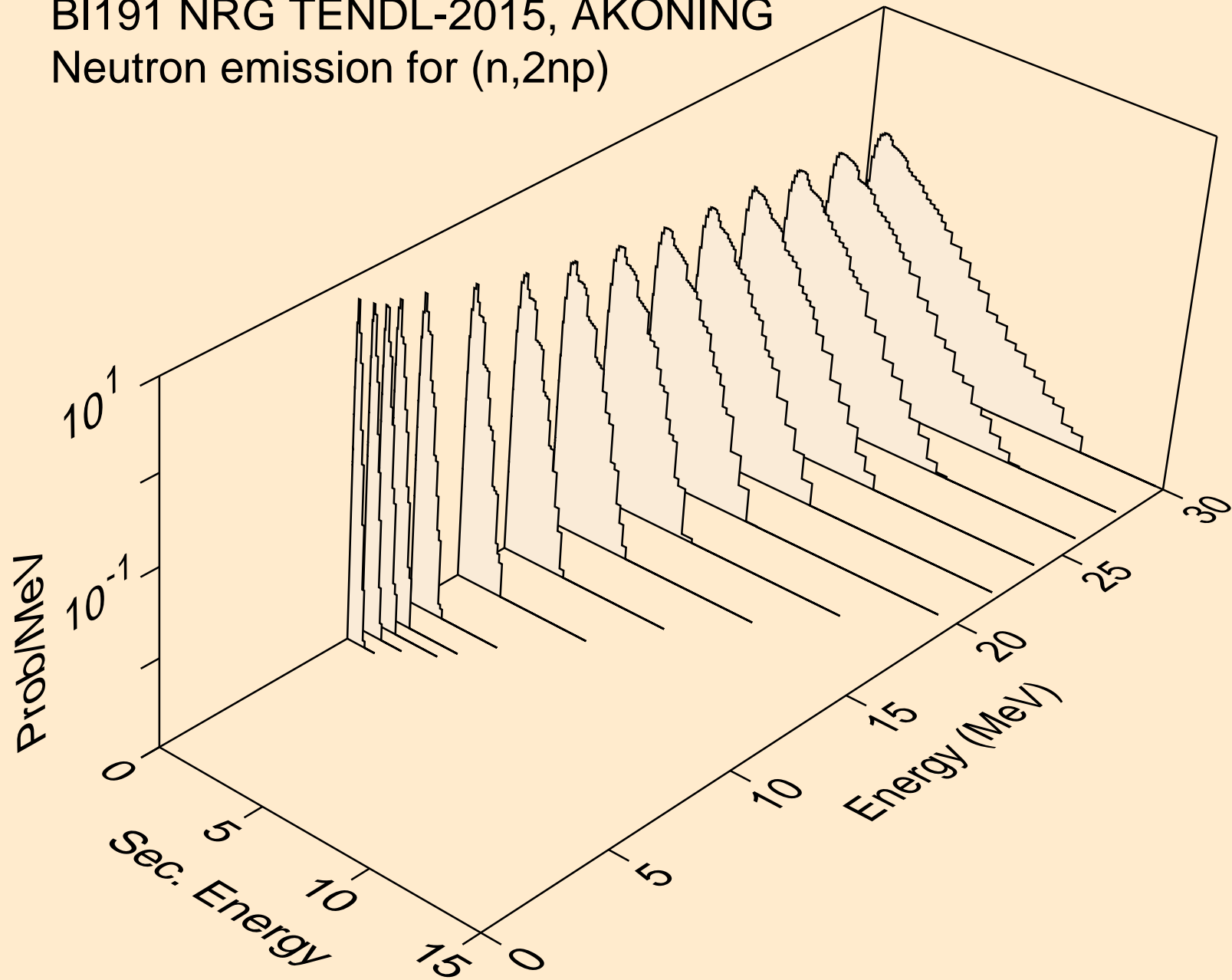
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



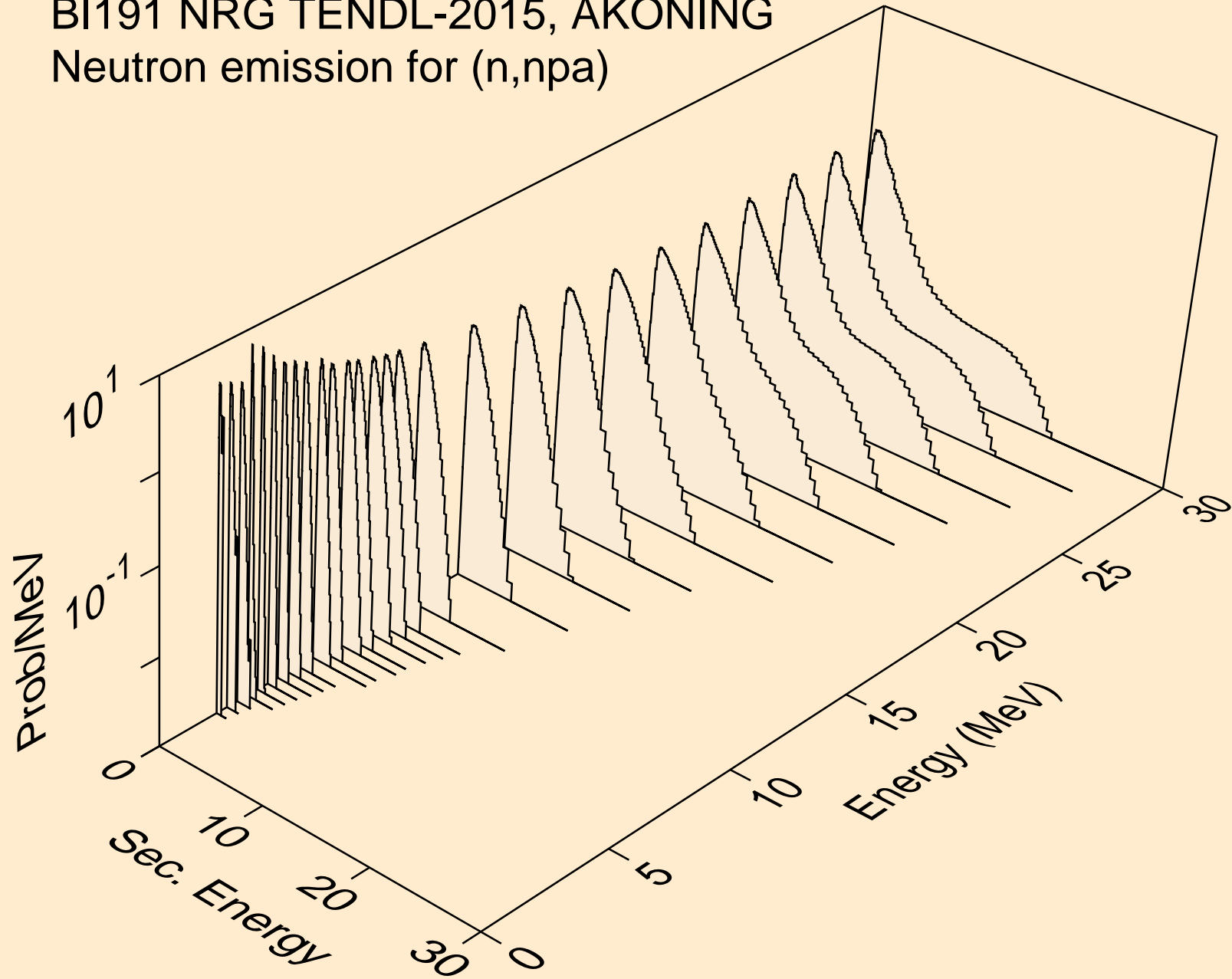
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



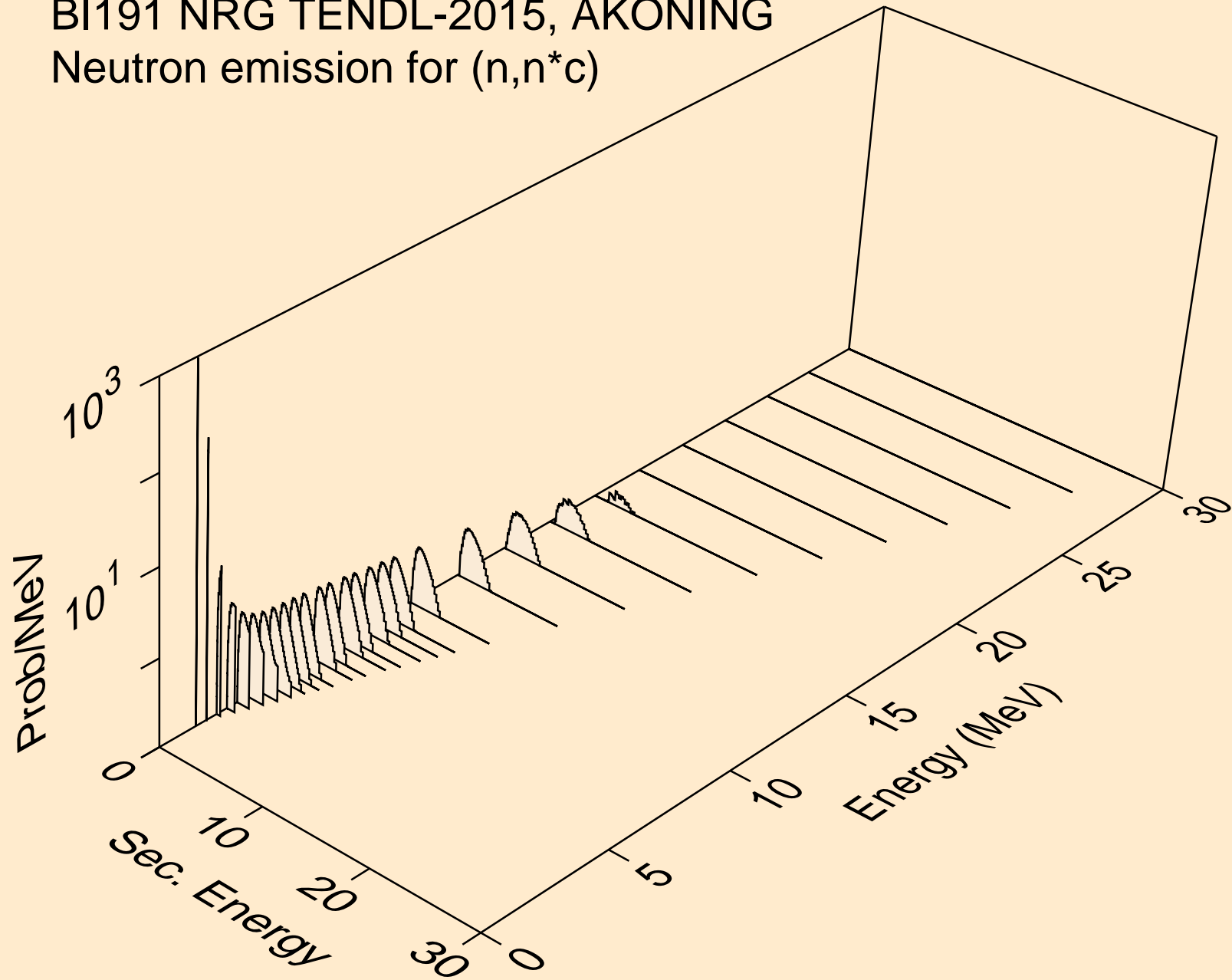
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



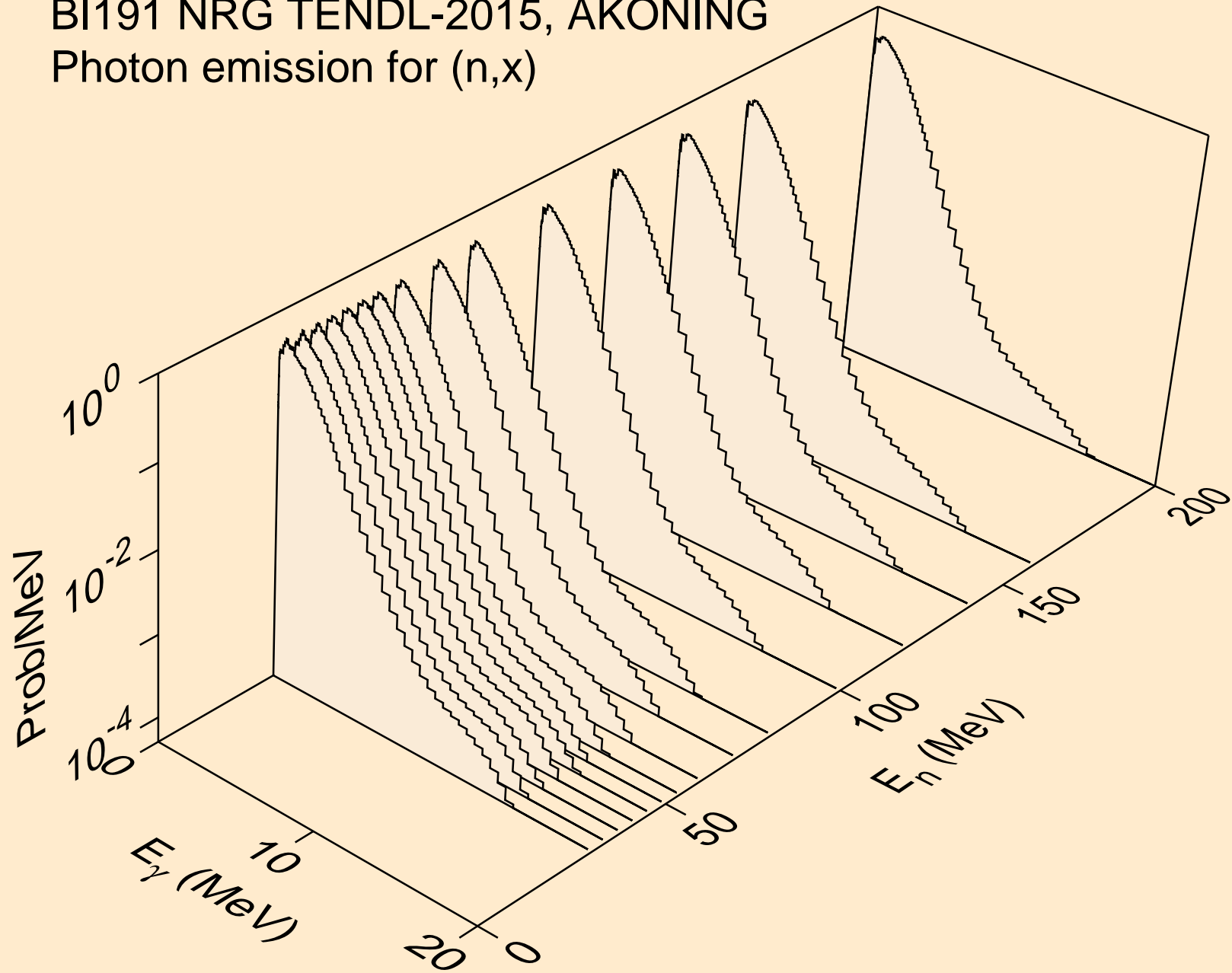
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



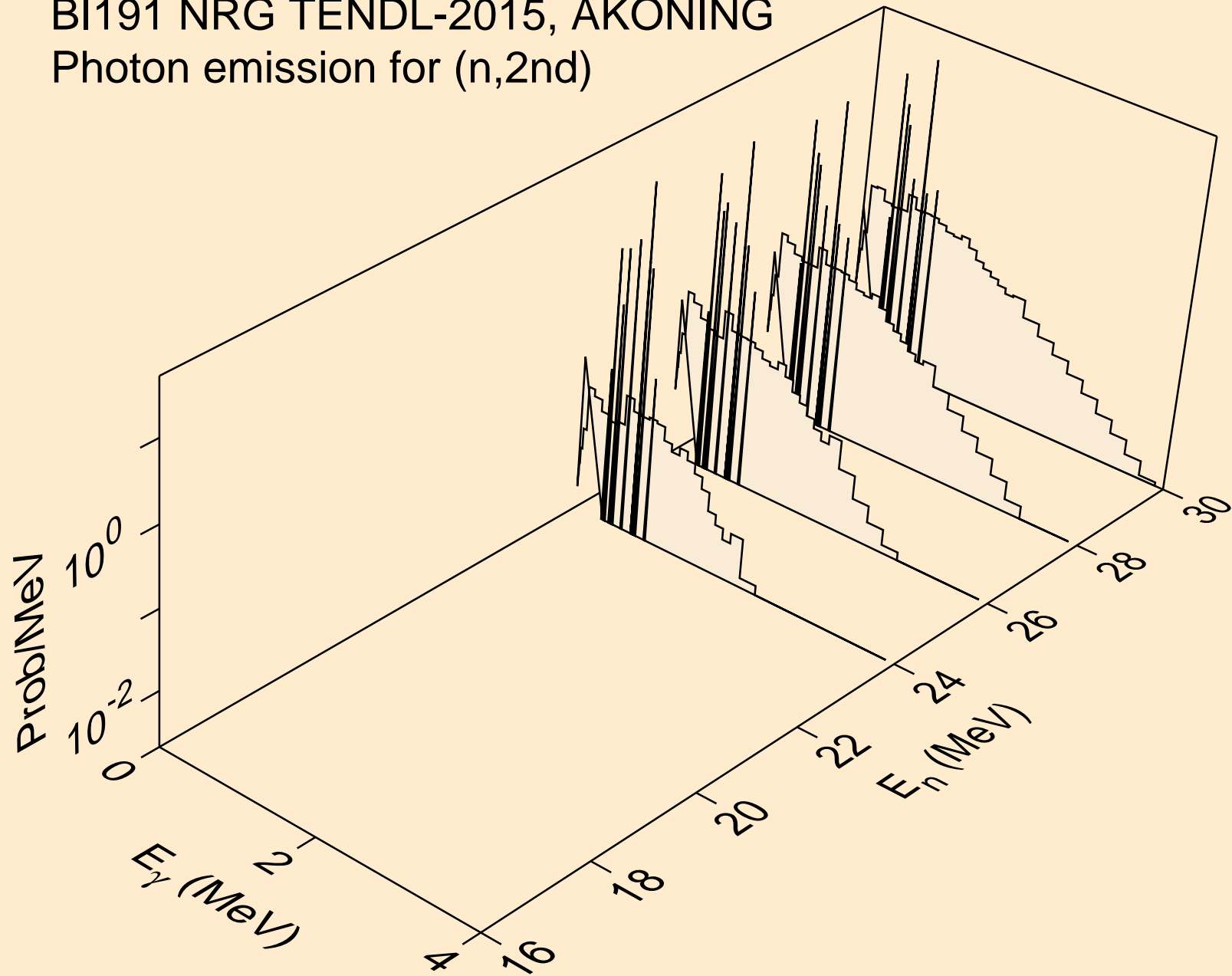
BI191 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

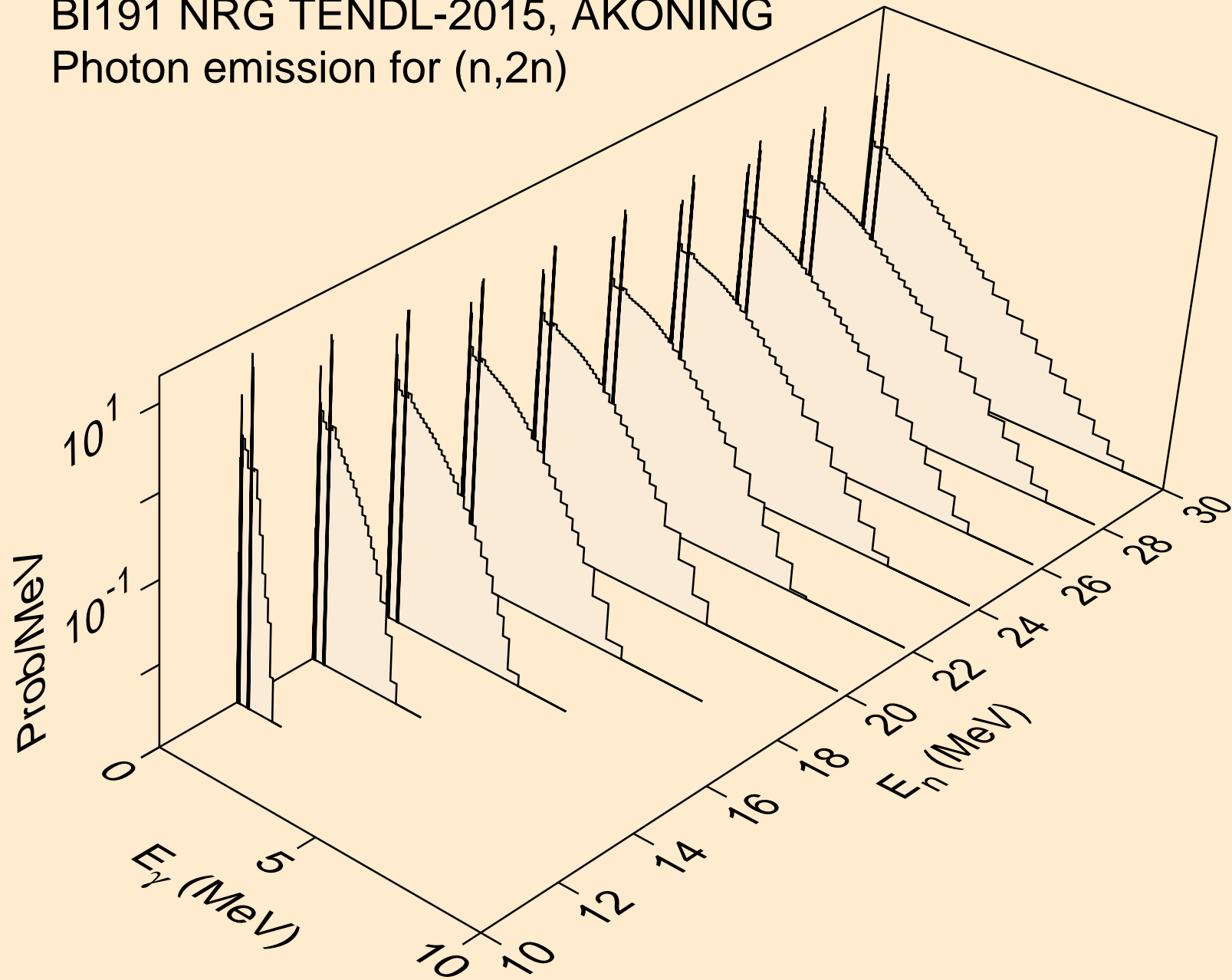


BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

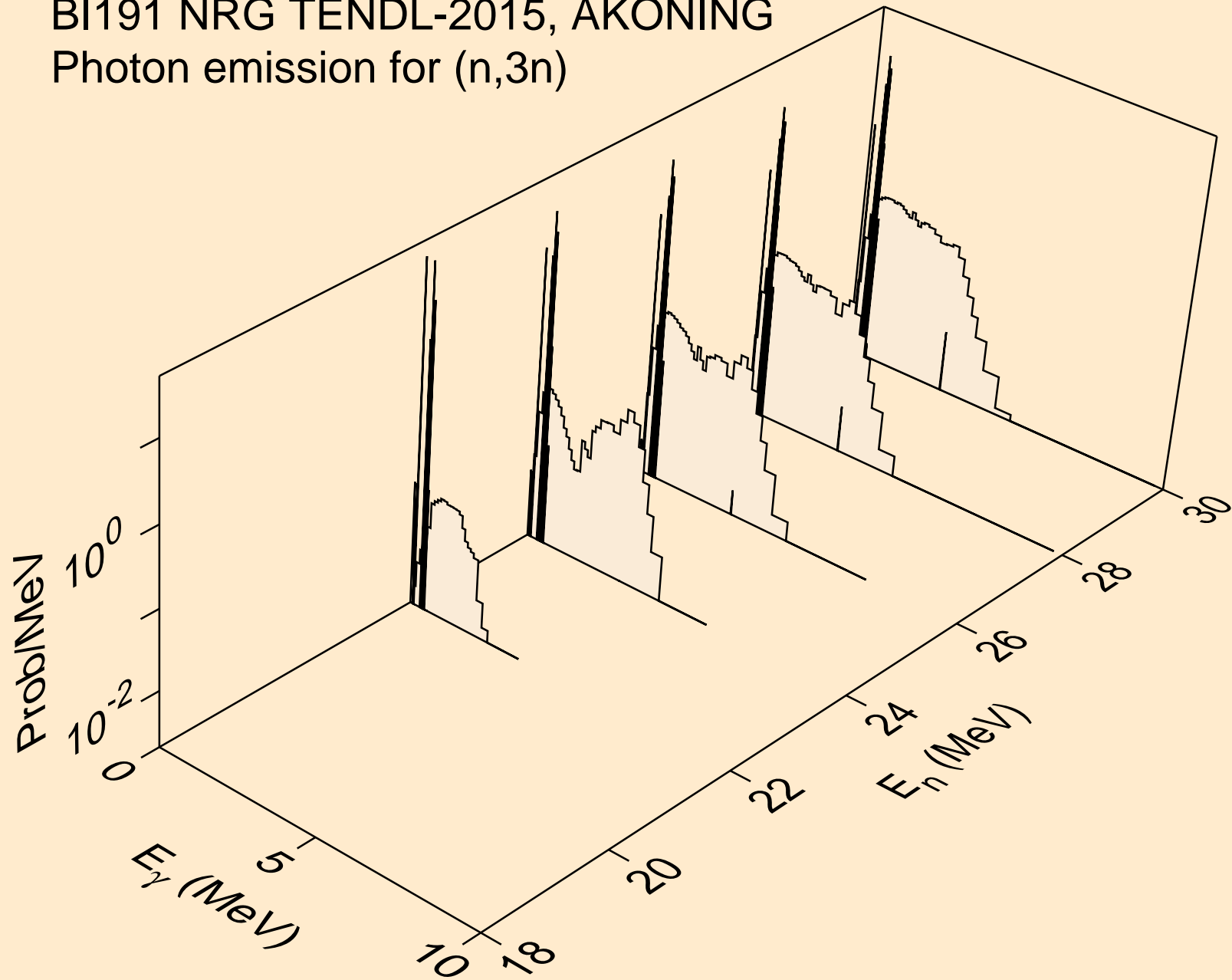




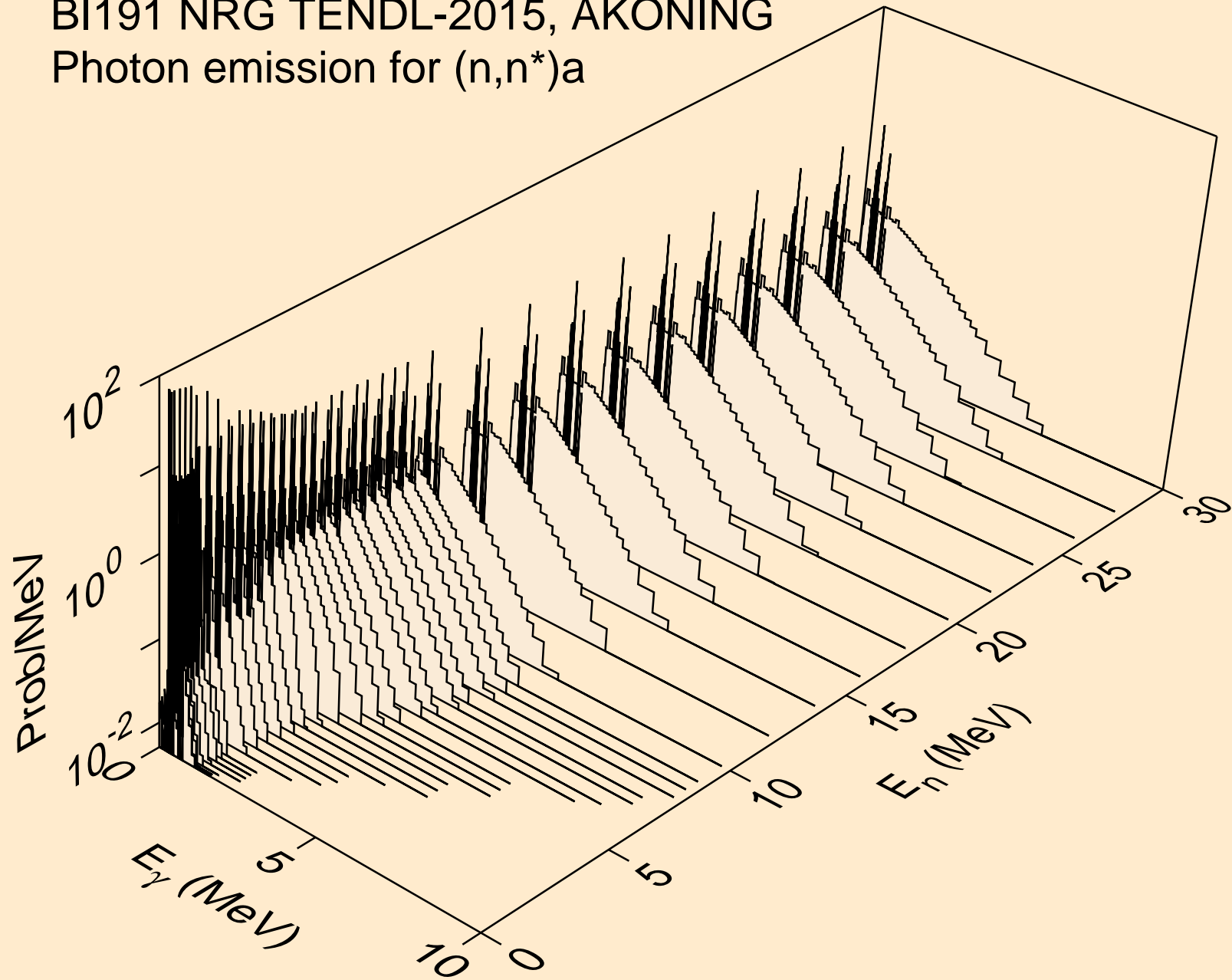
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



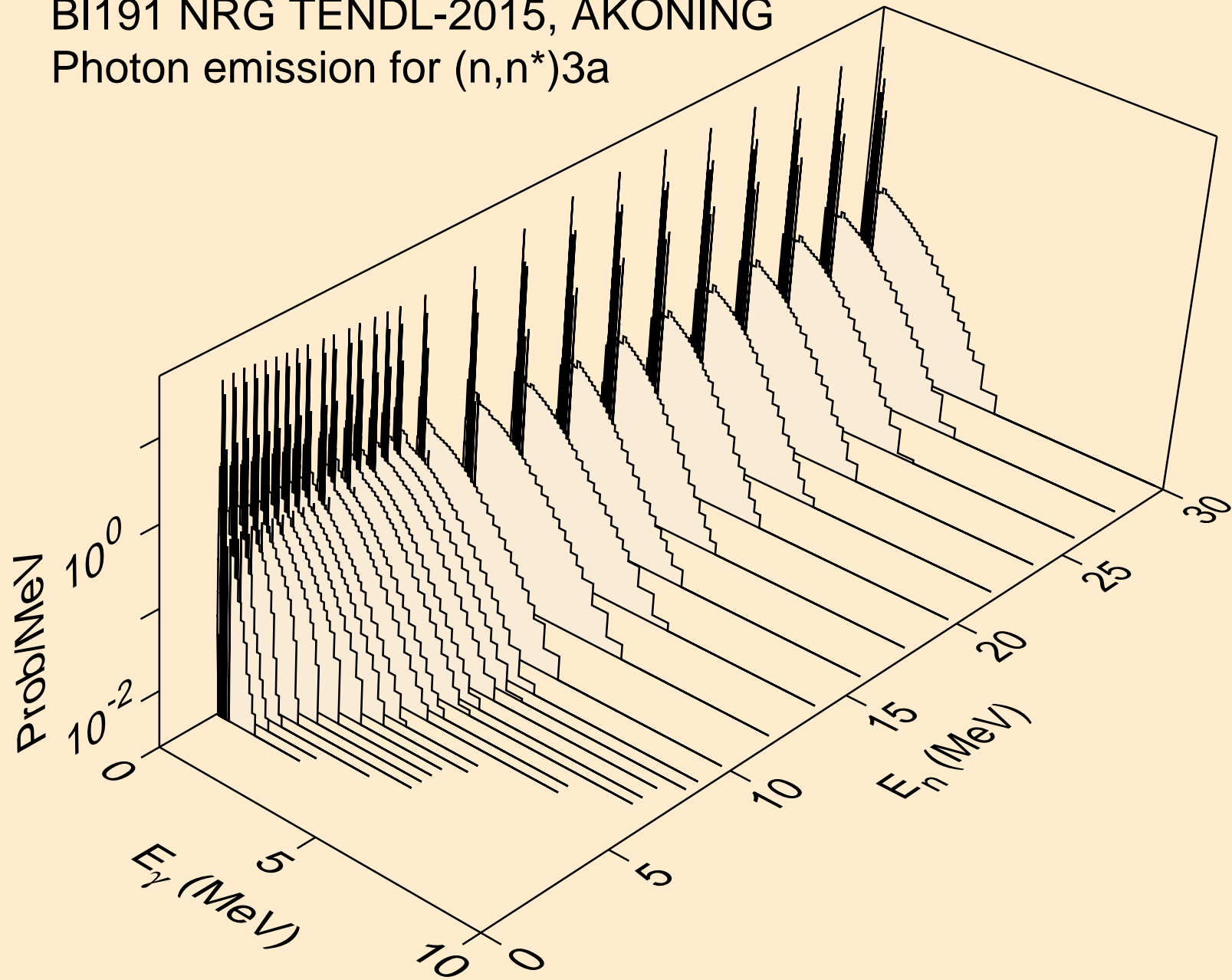
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



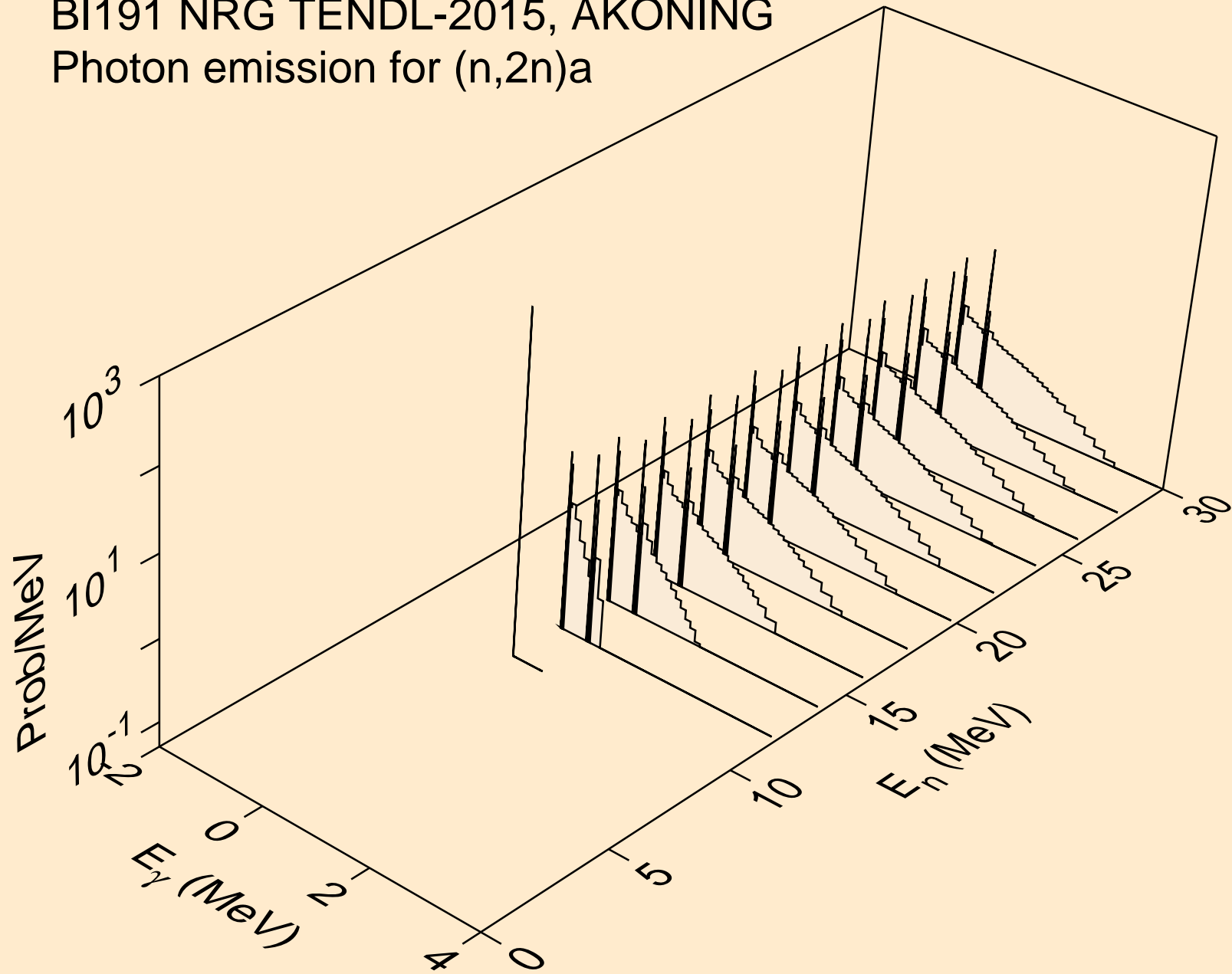
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



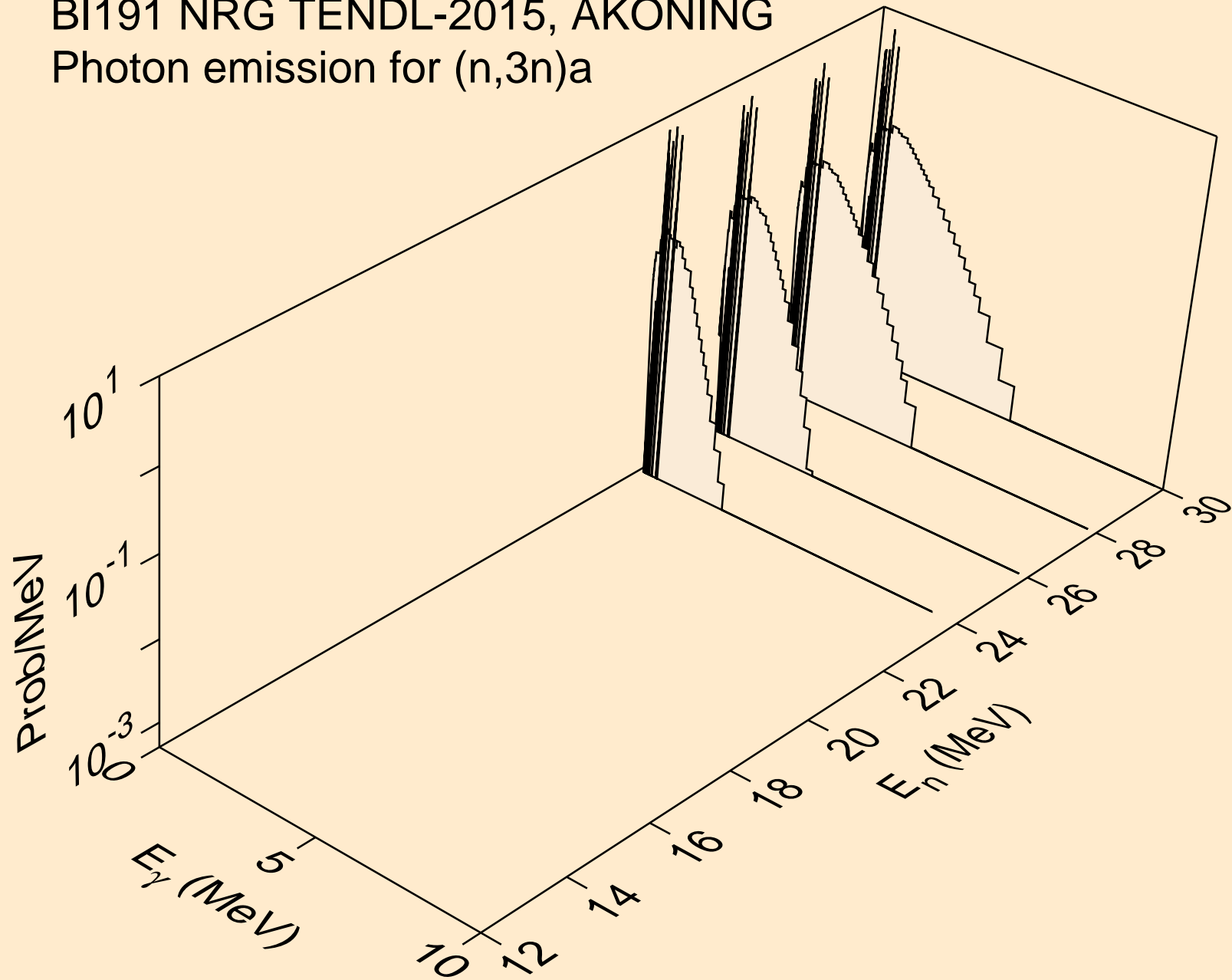
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



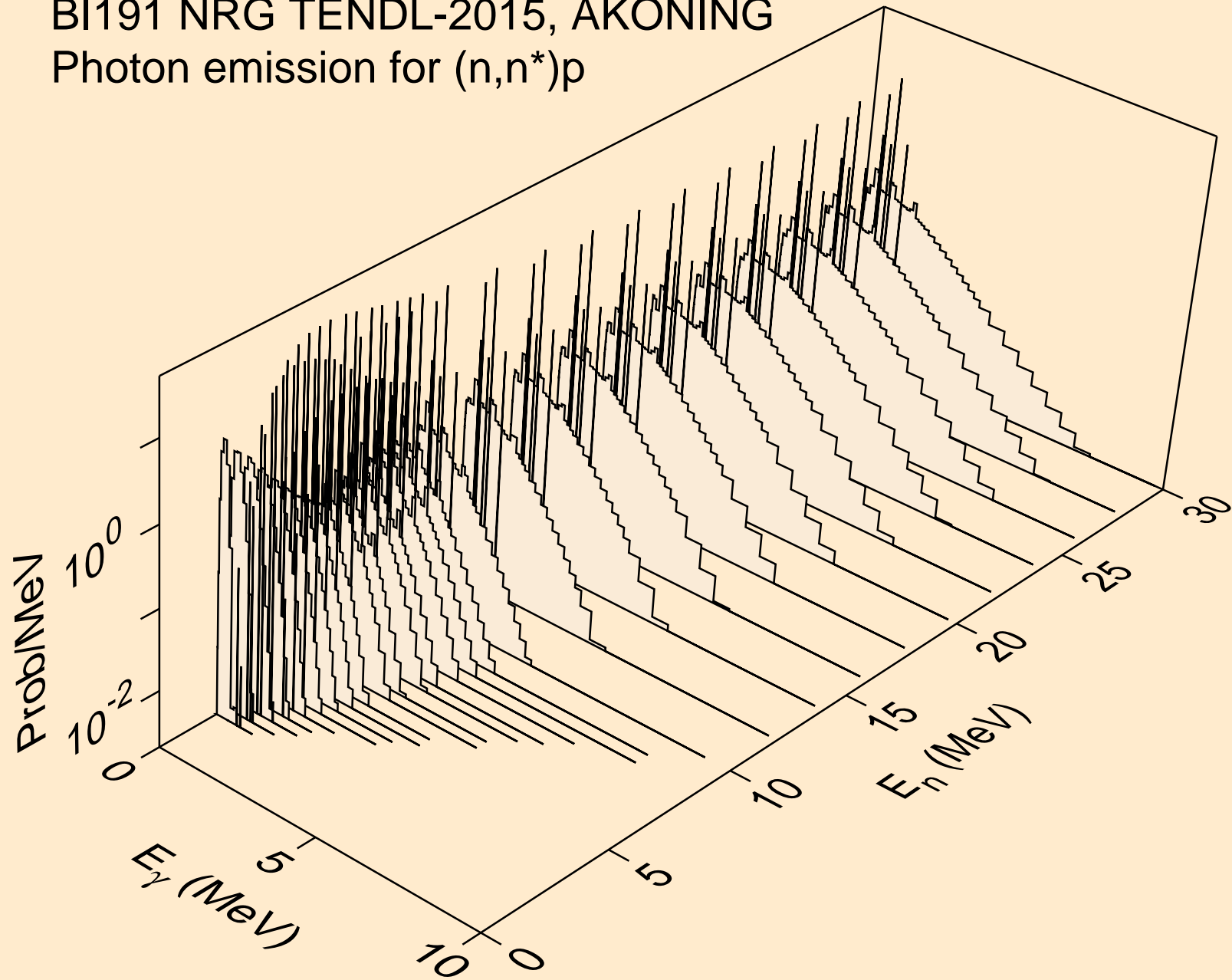
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



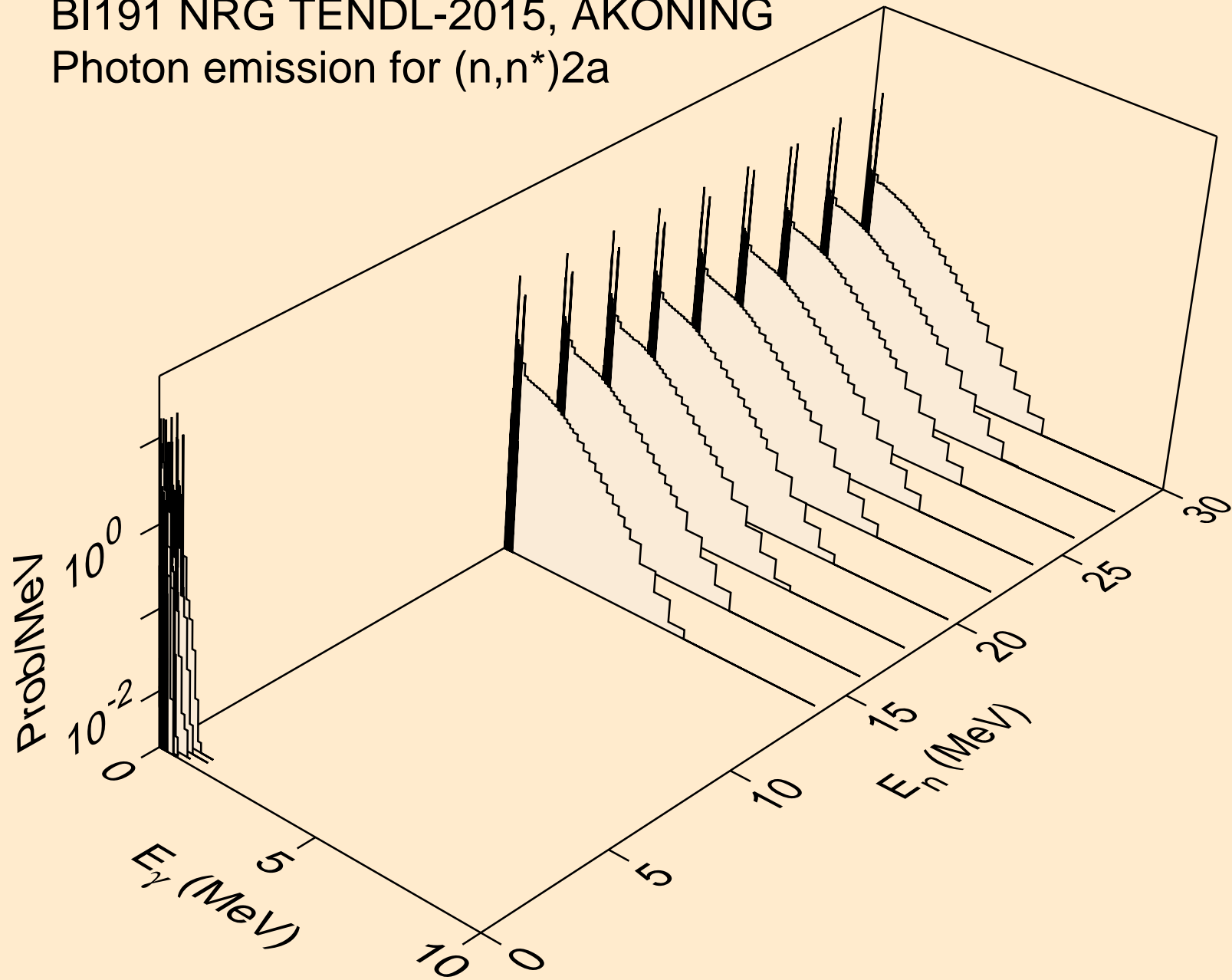
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

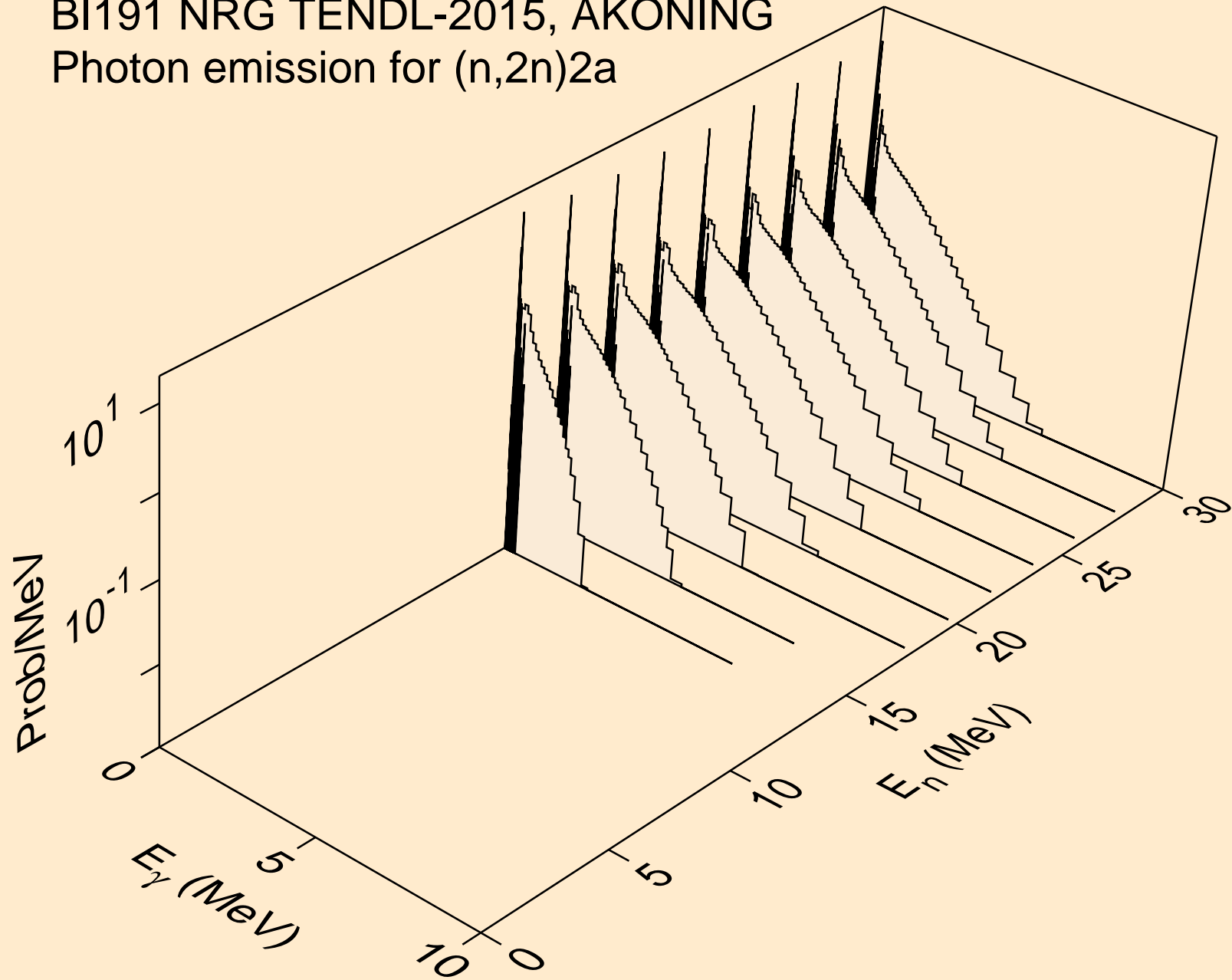


BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

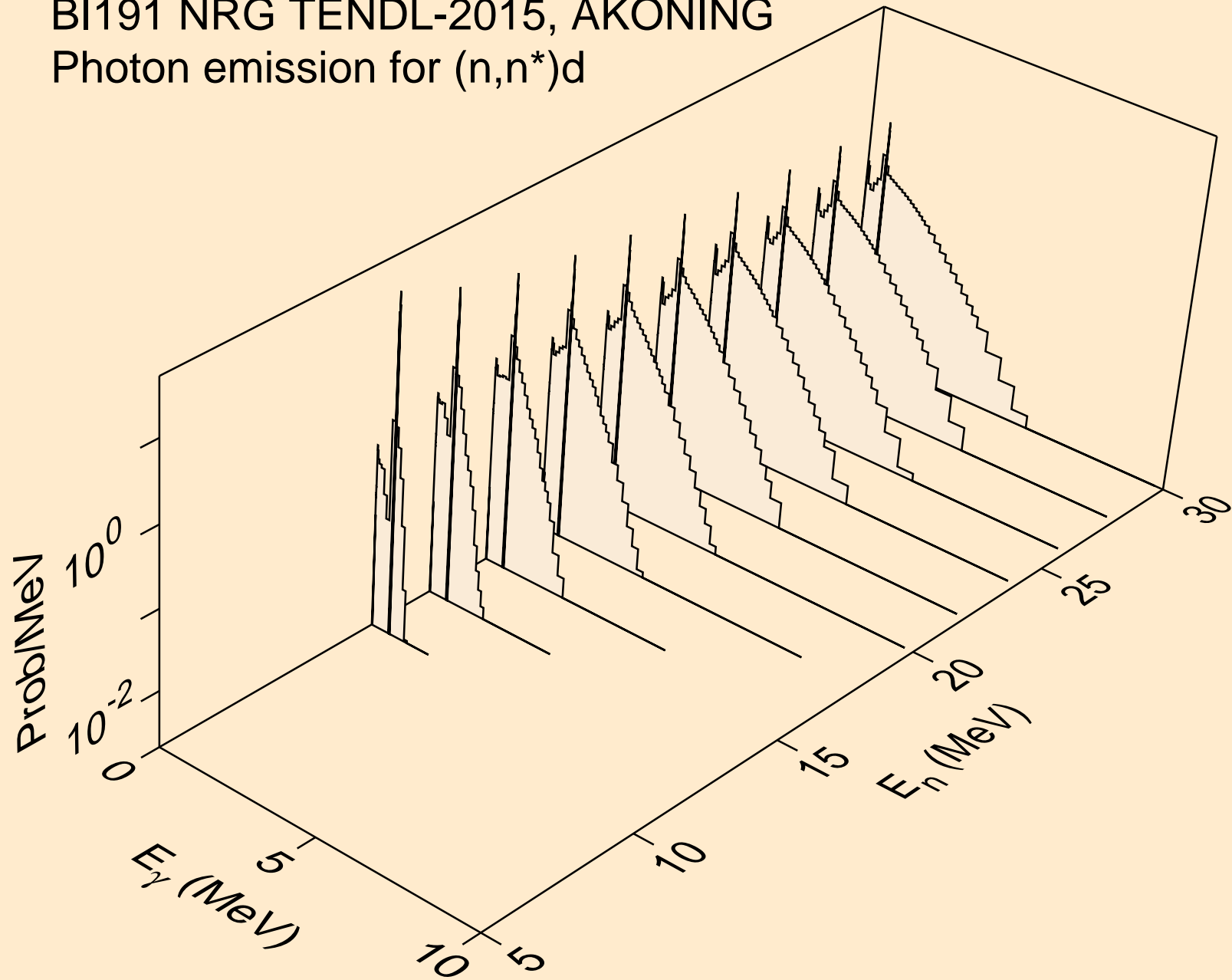




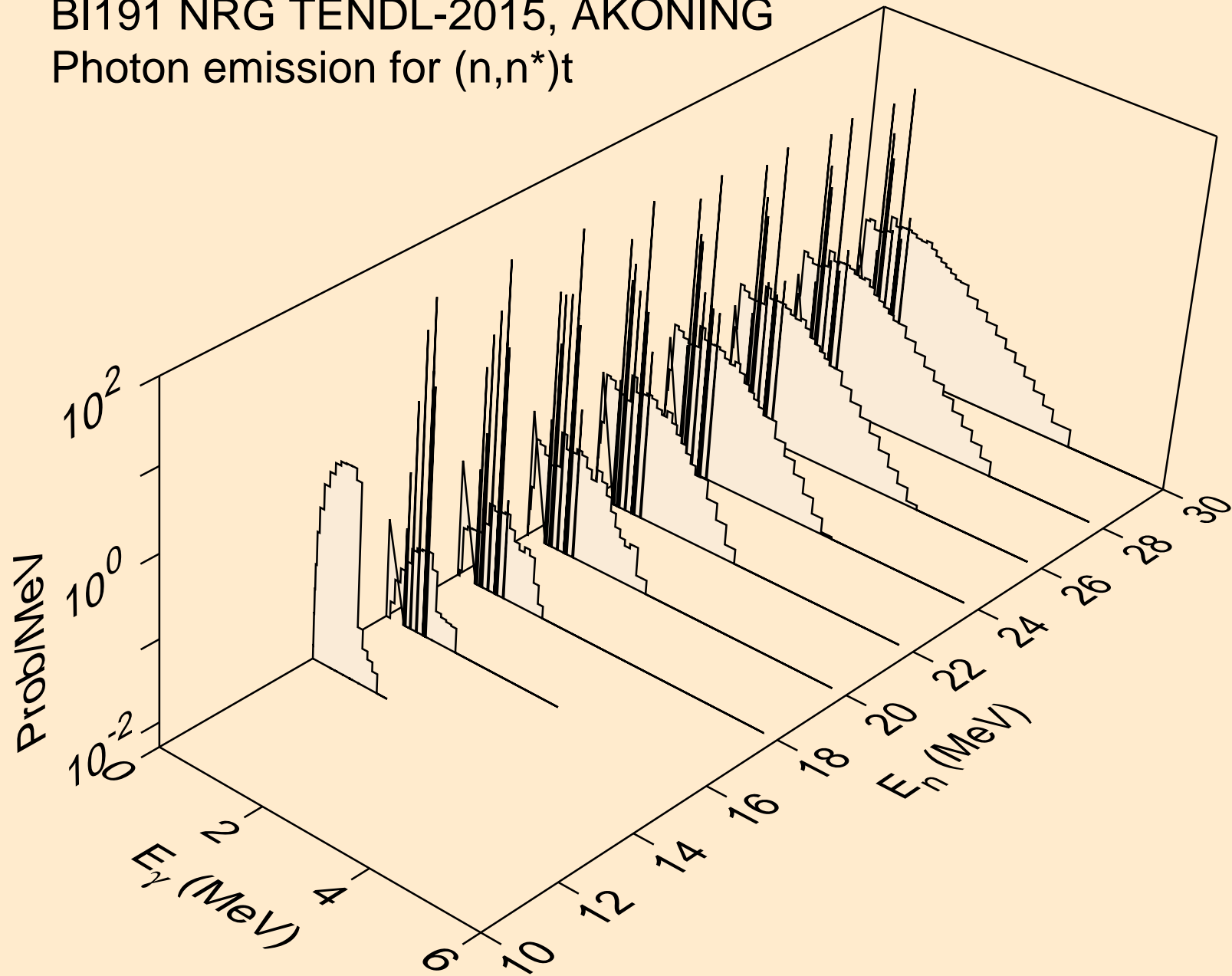
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



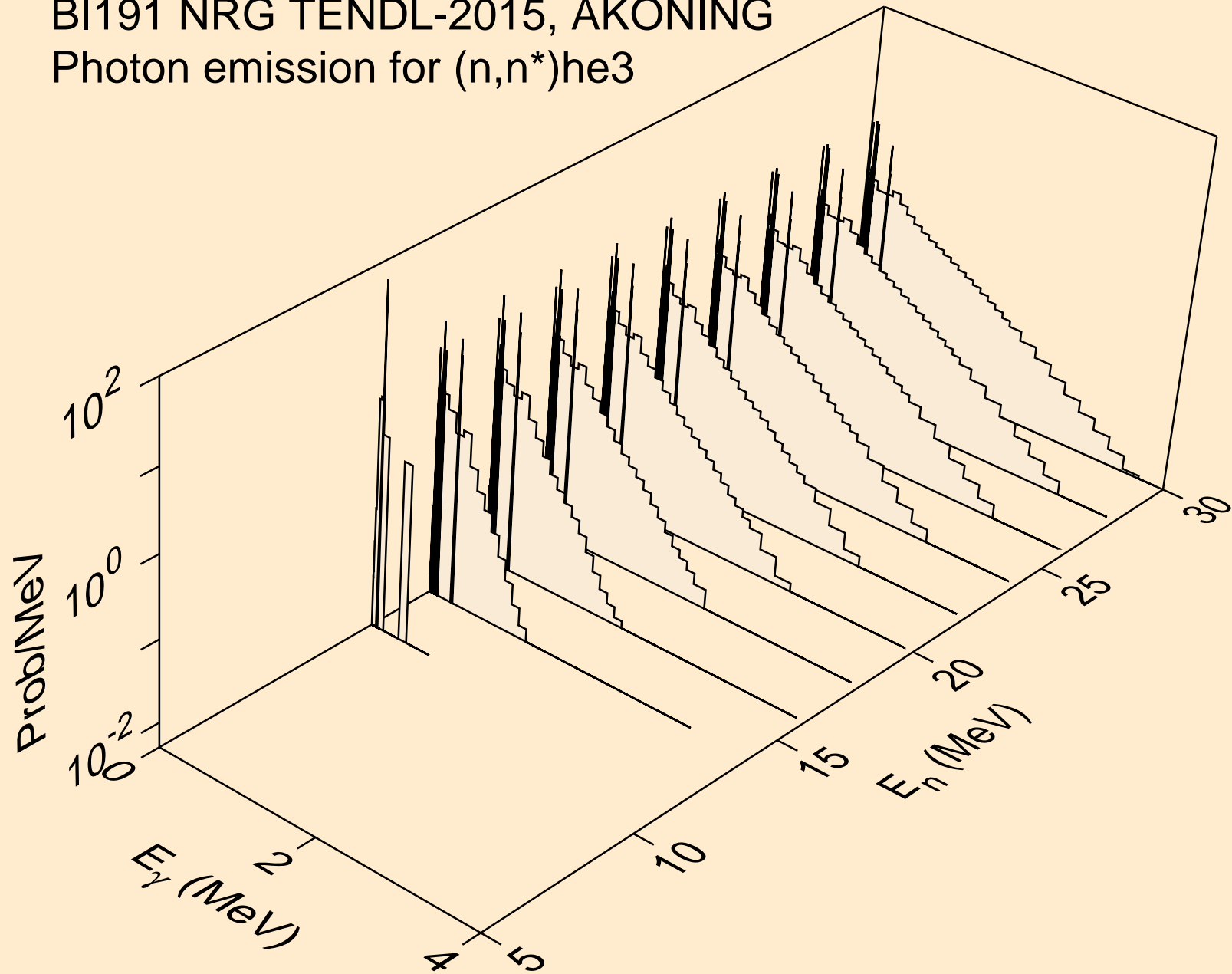
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



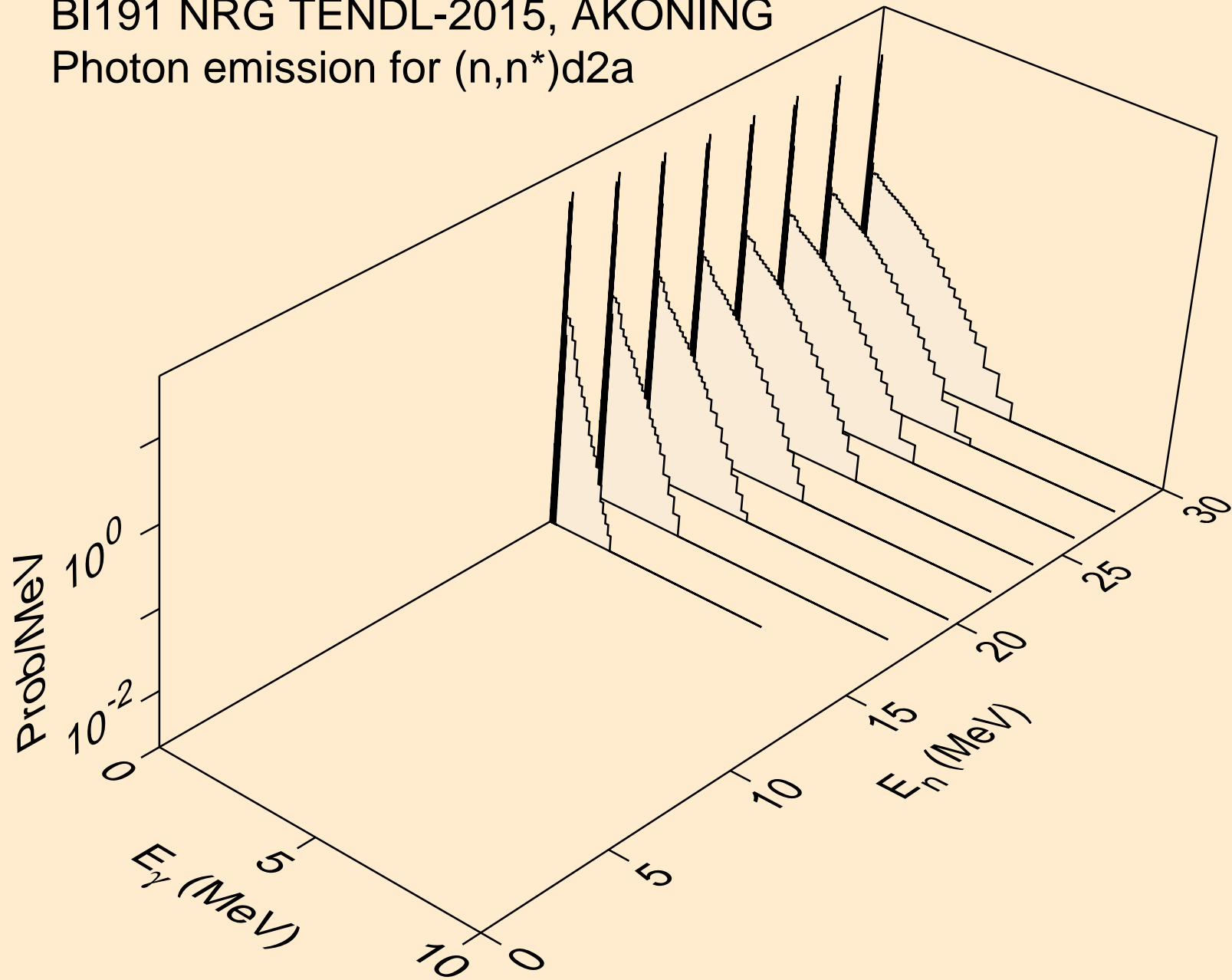
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



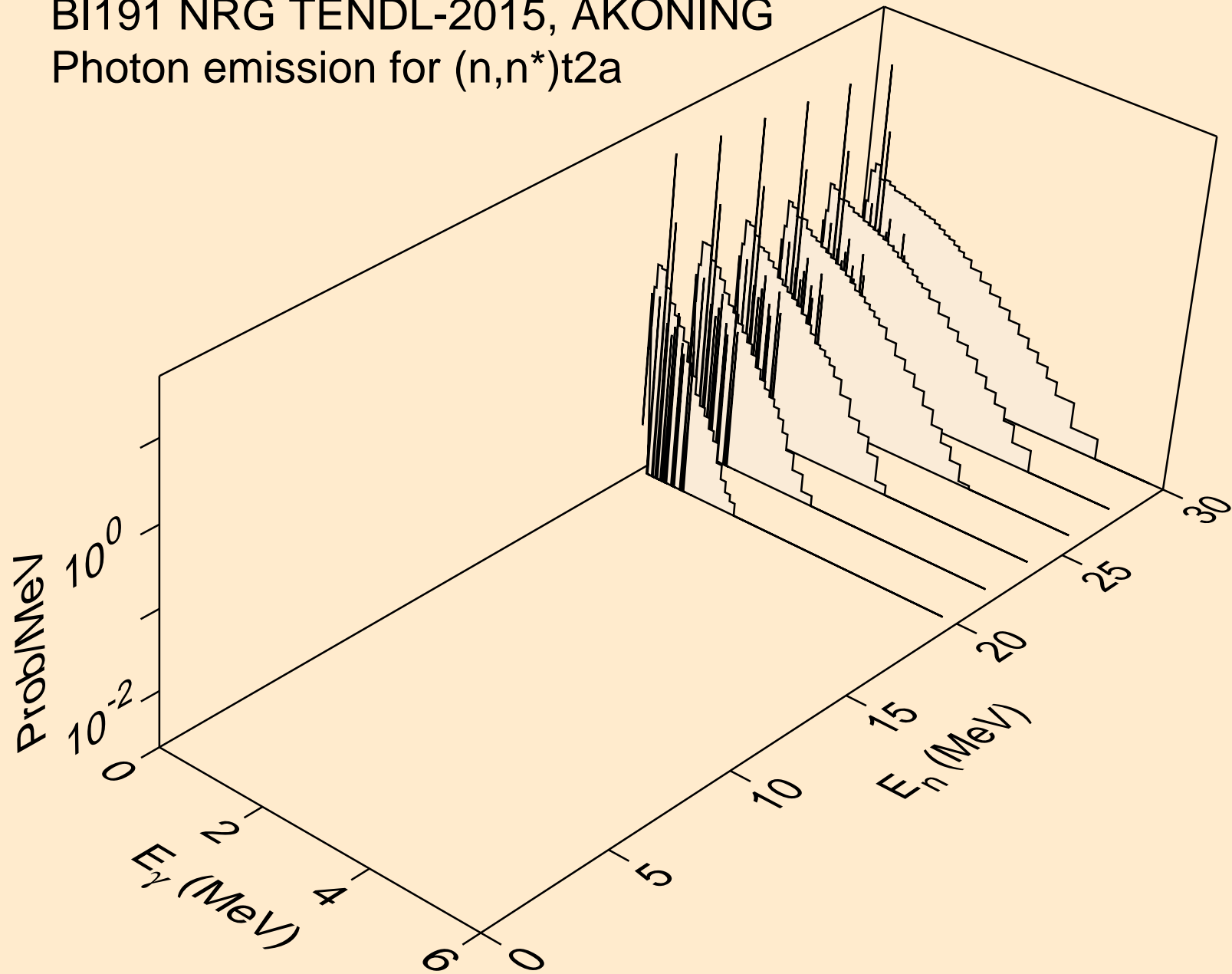
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



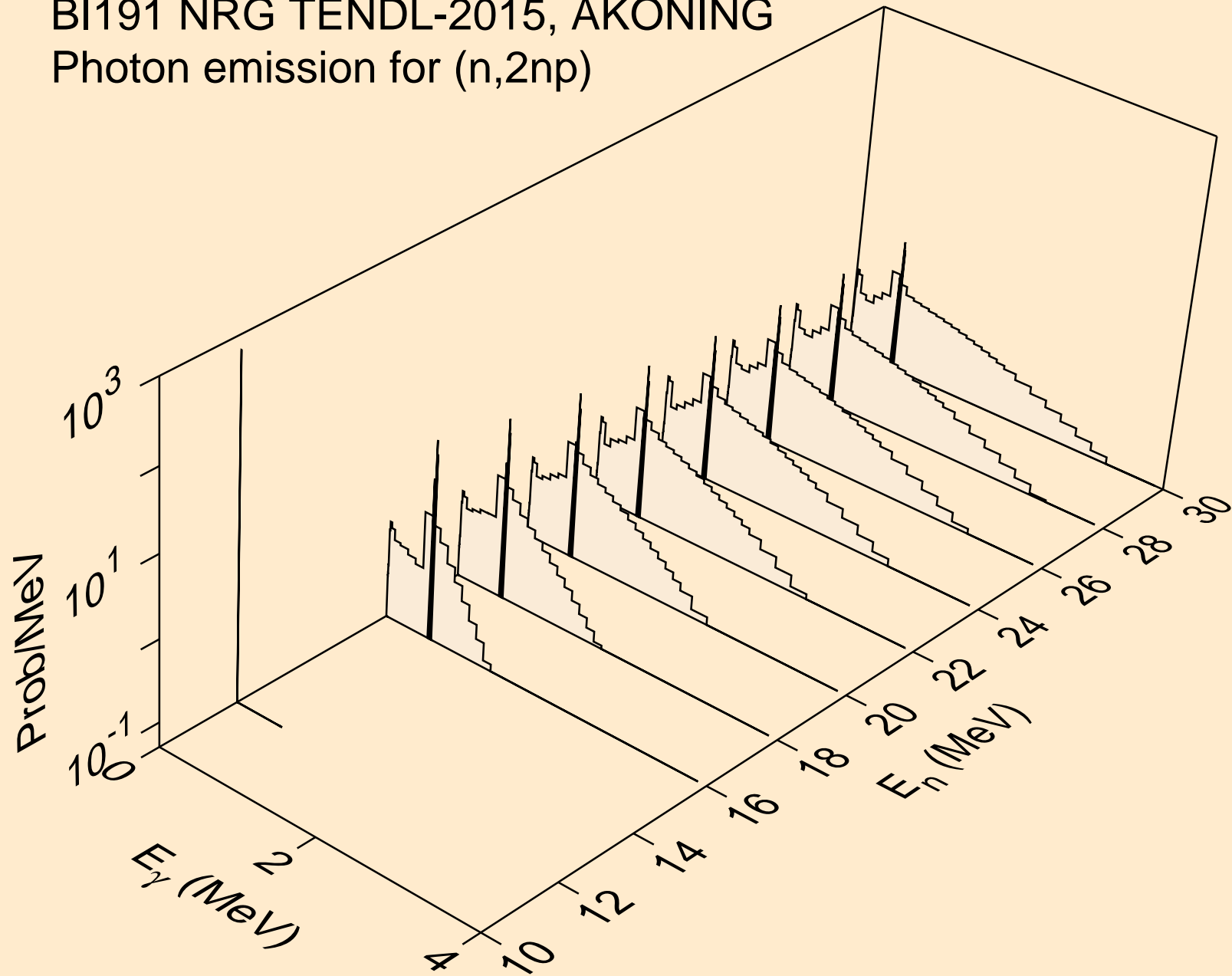
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



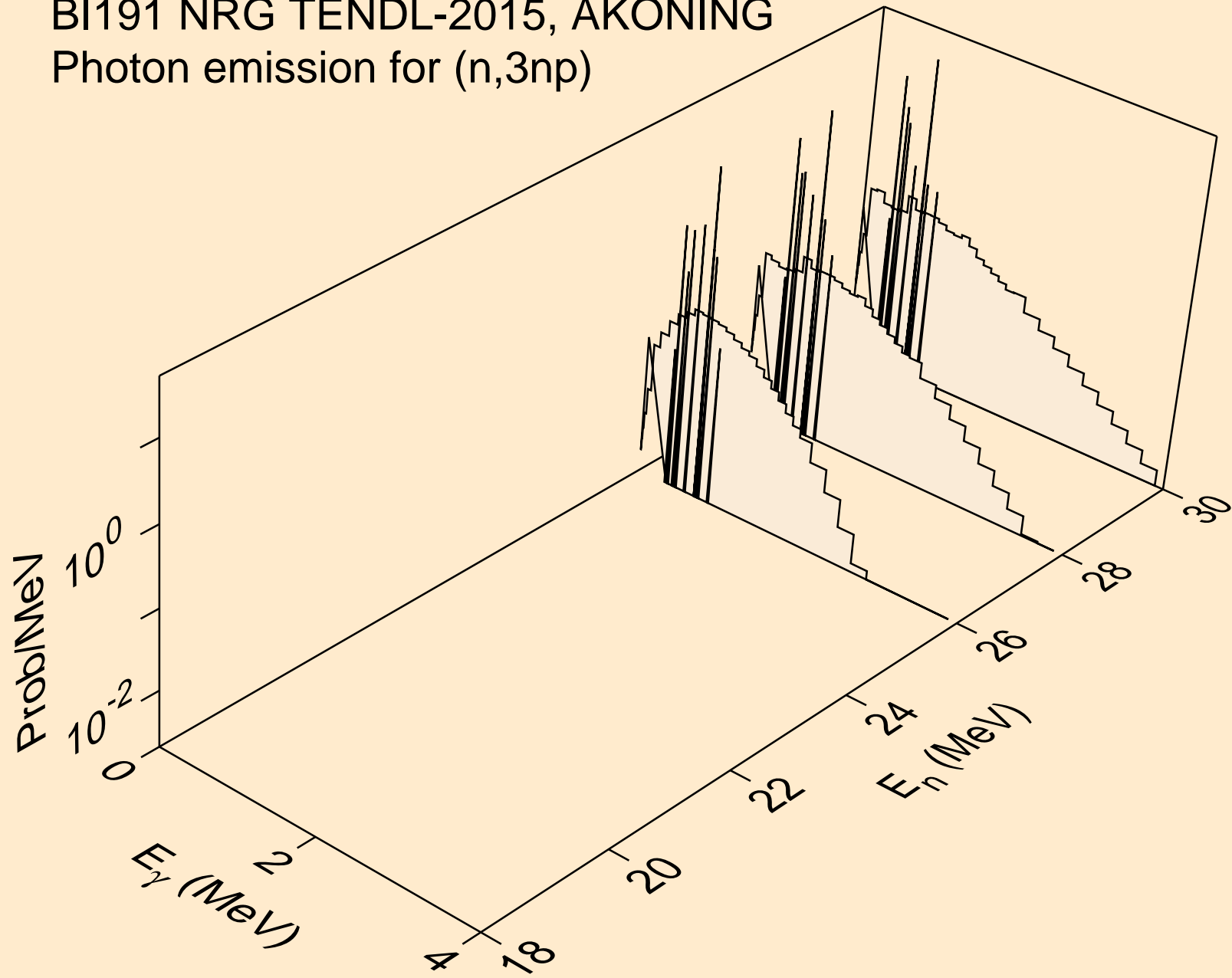
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

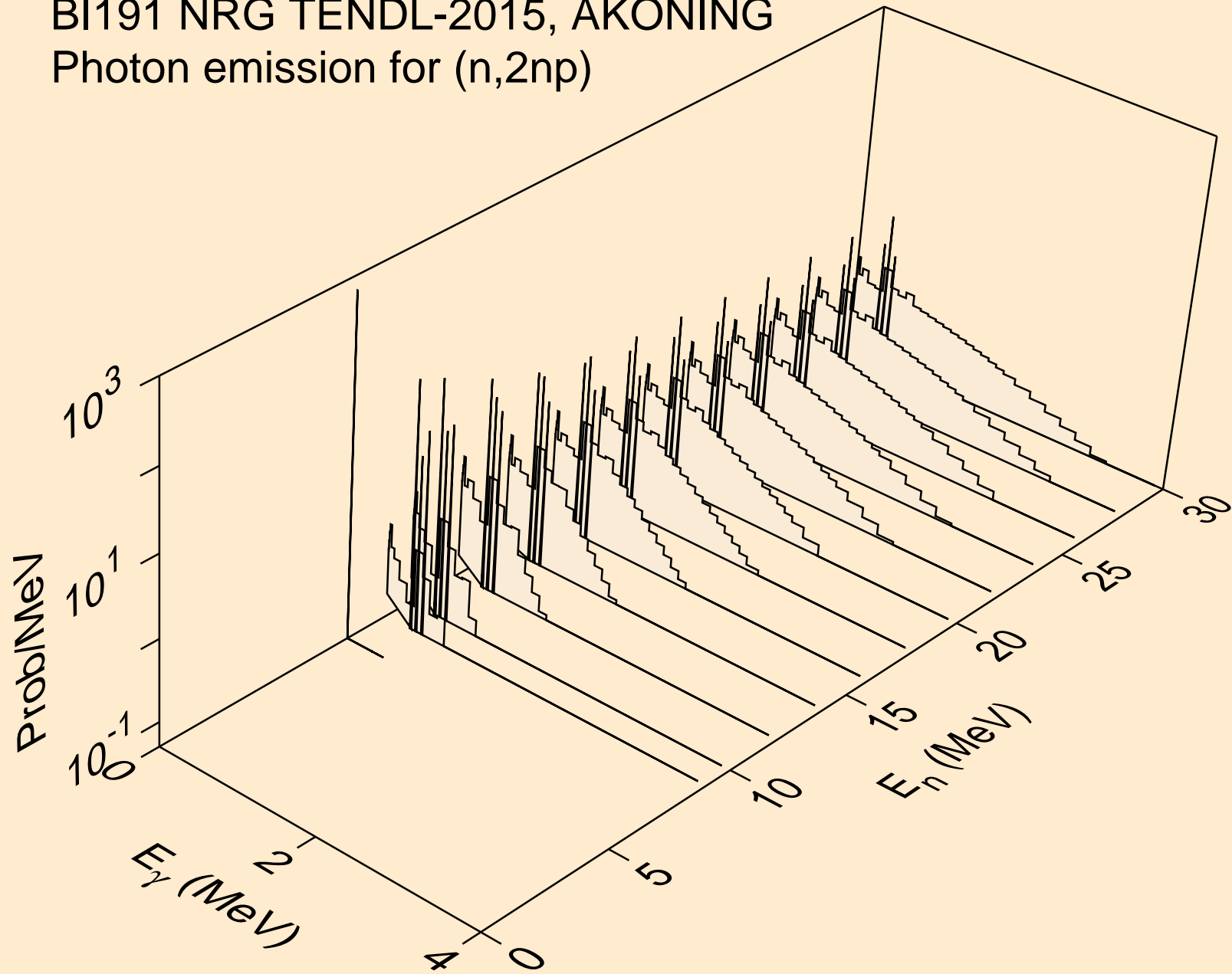


BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

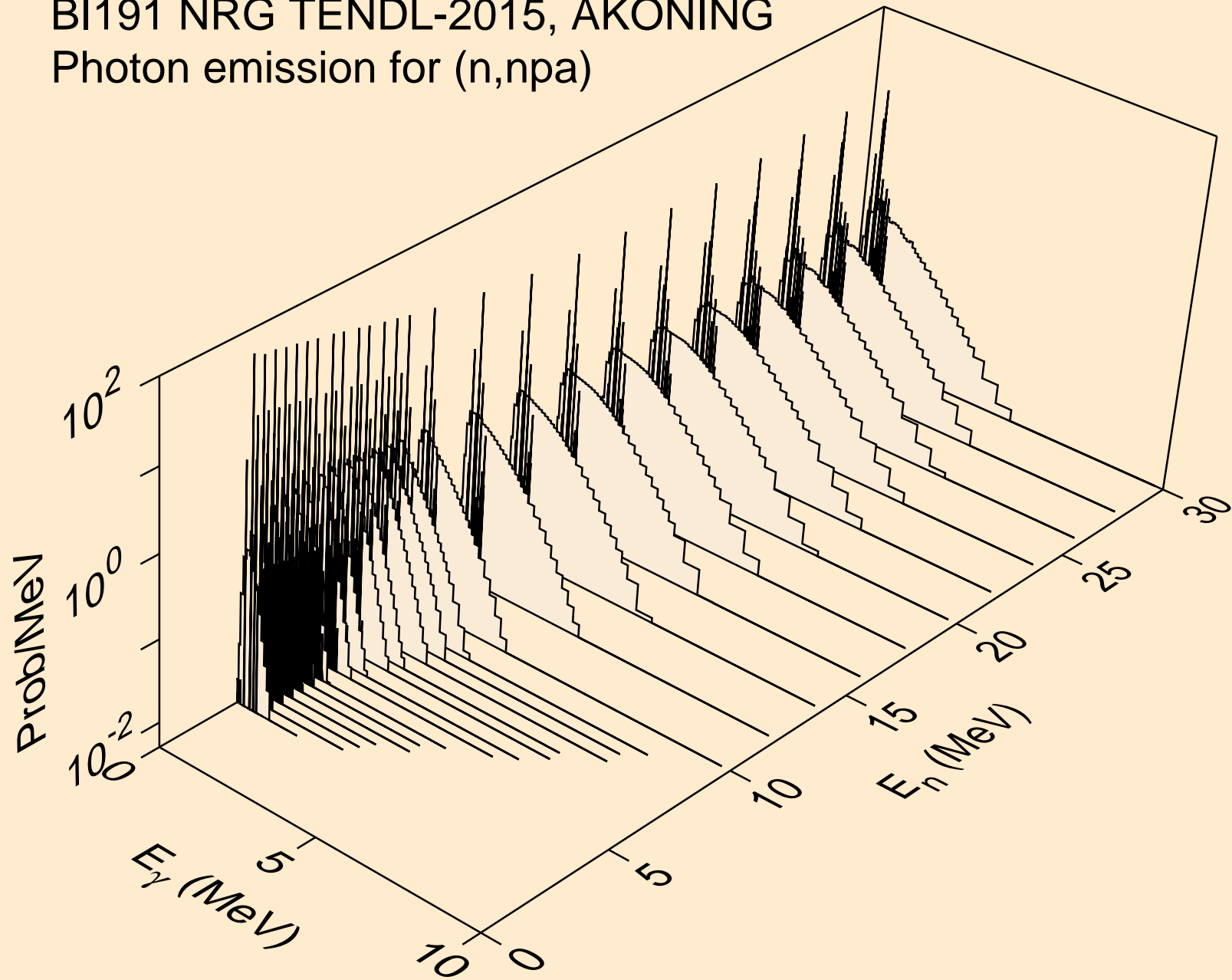




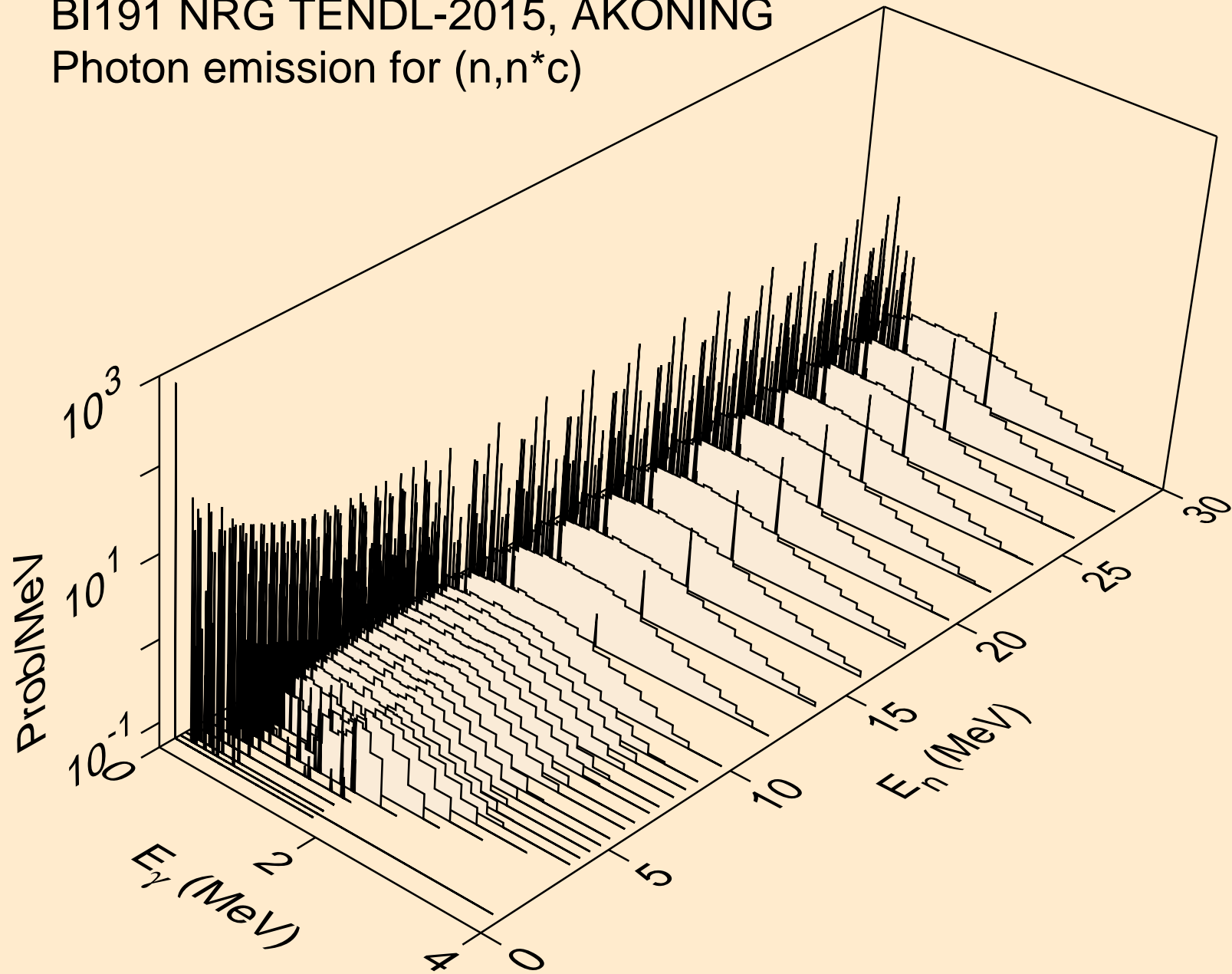
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



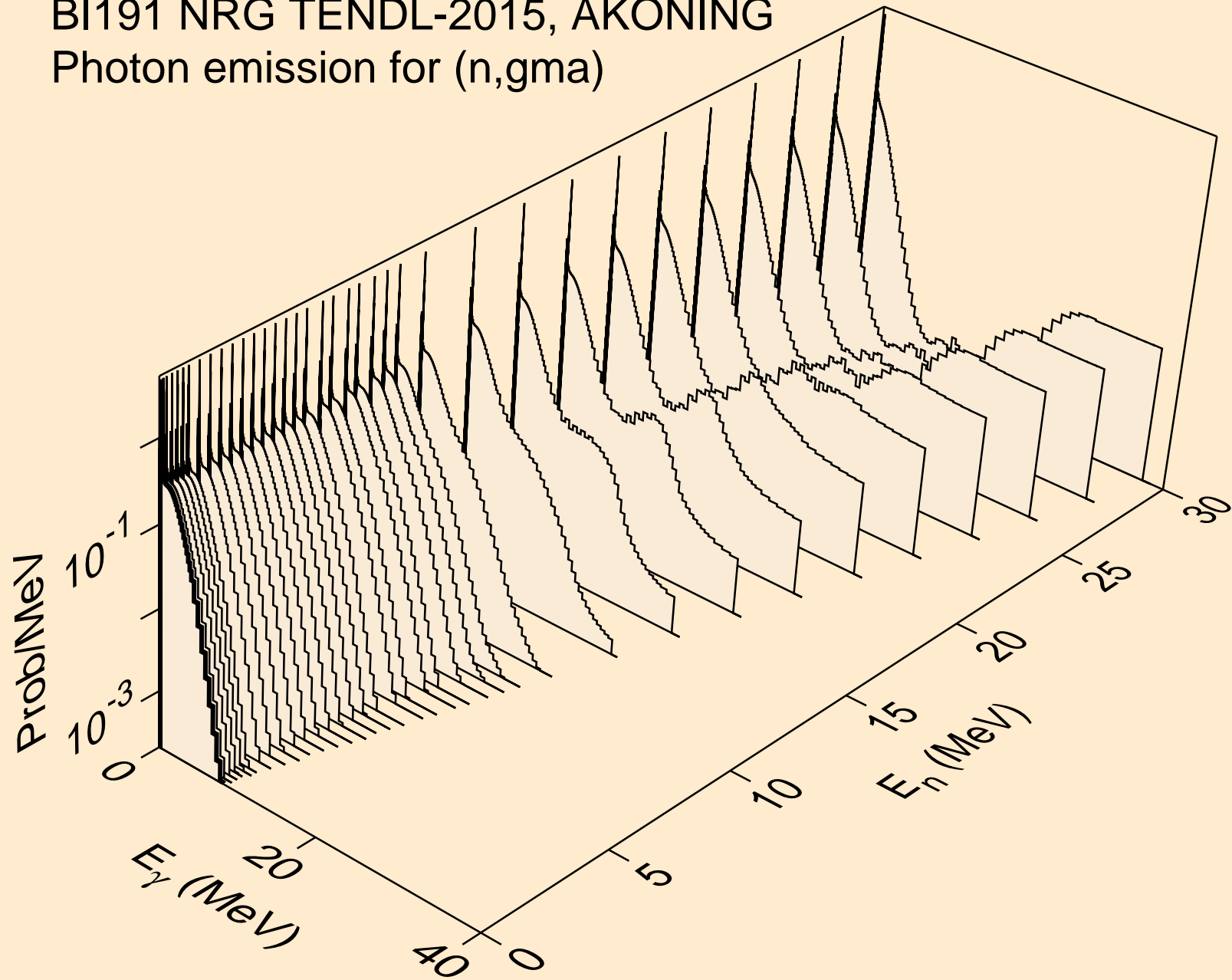
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



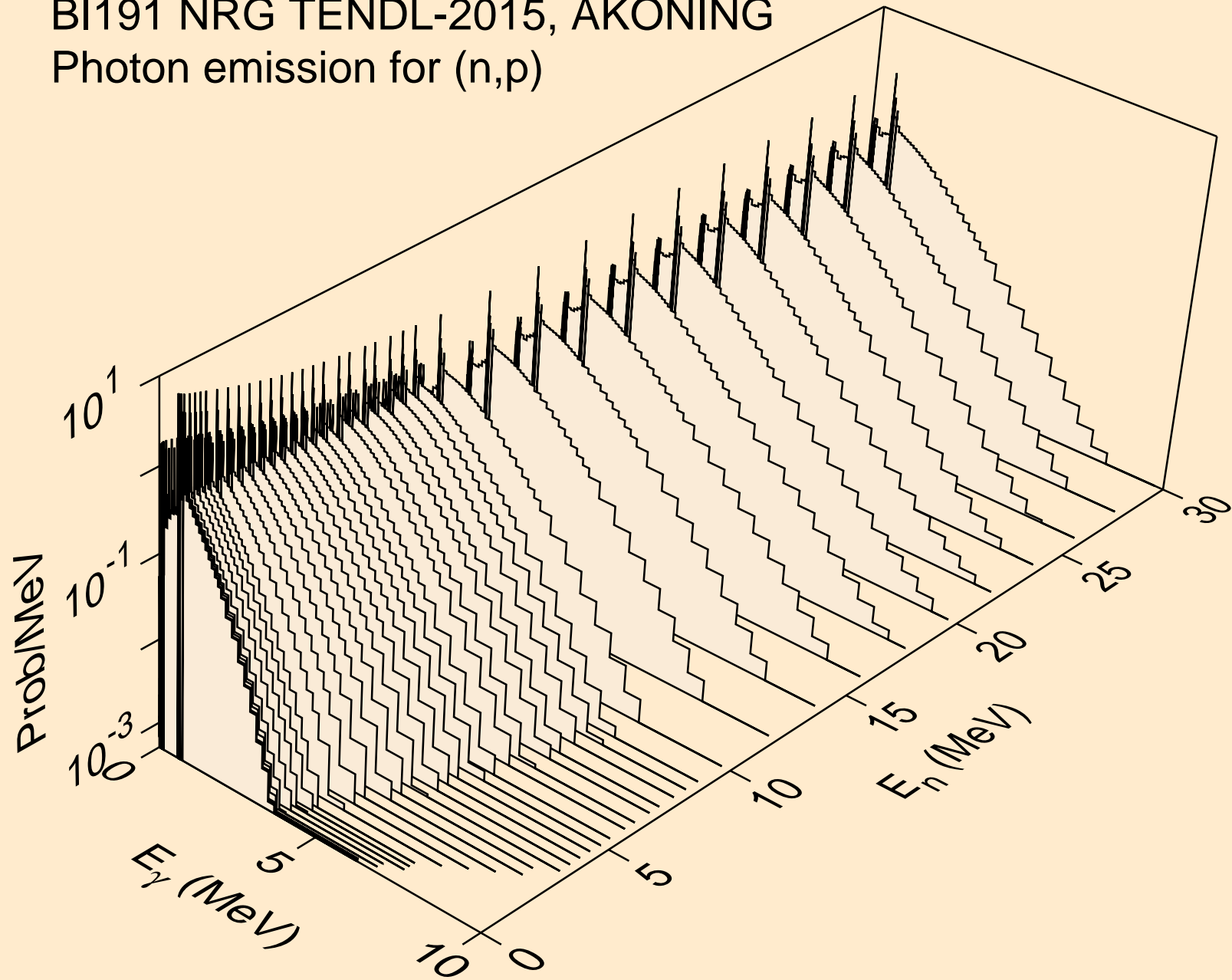
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



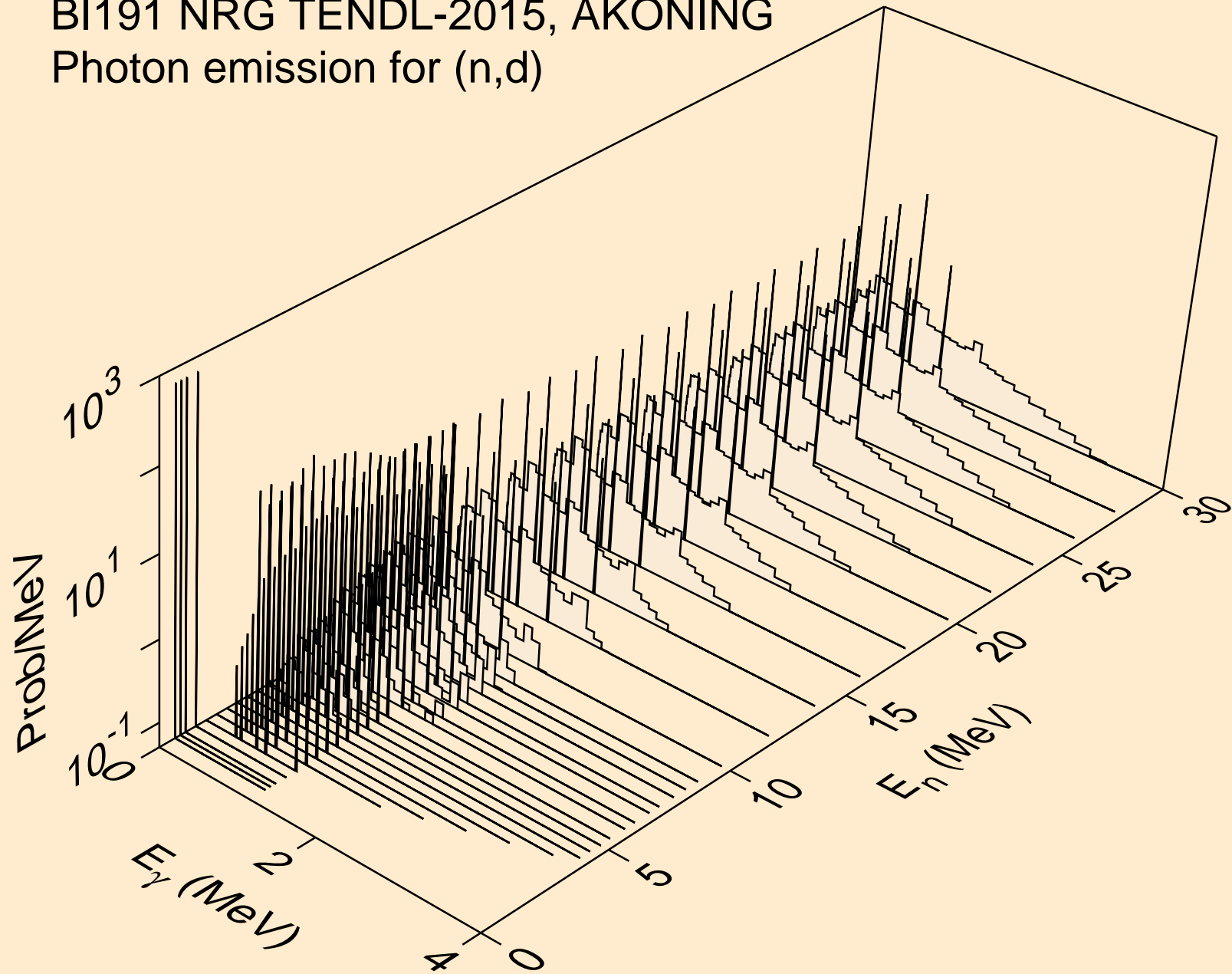
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



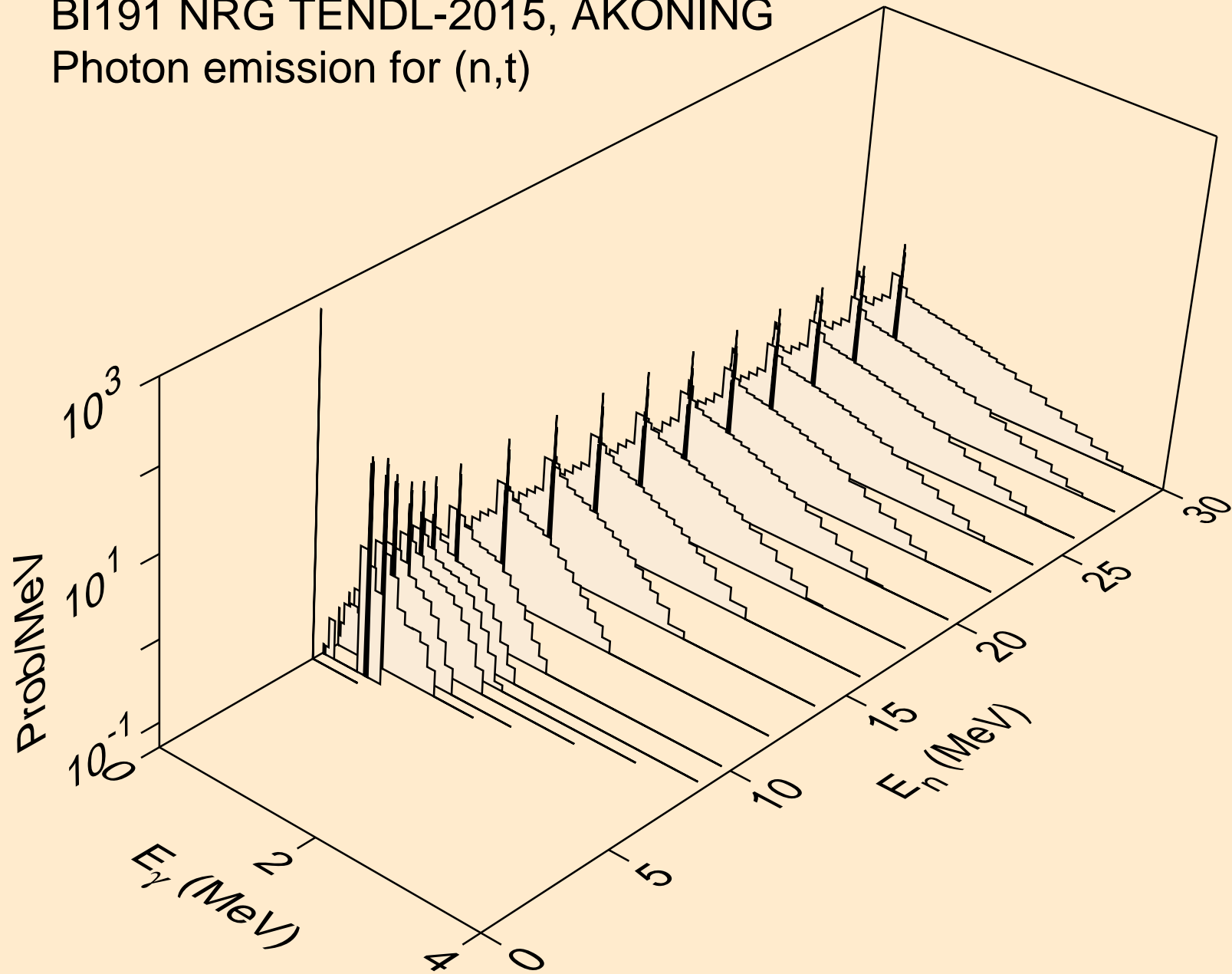
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



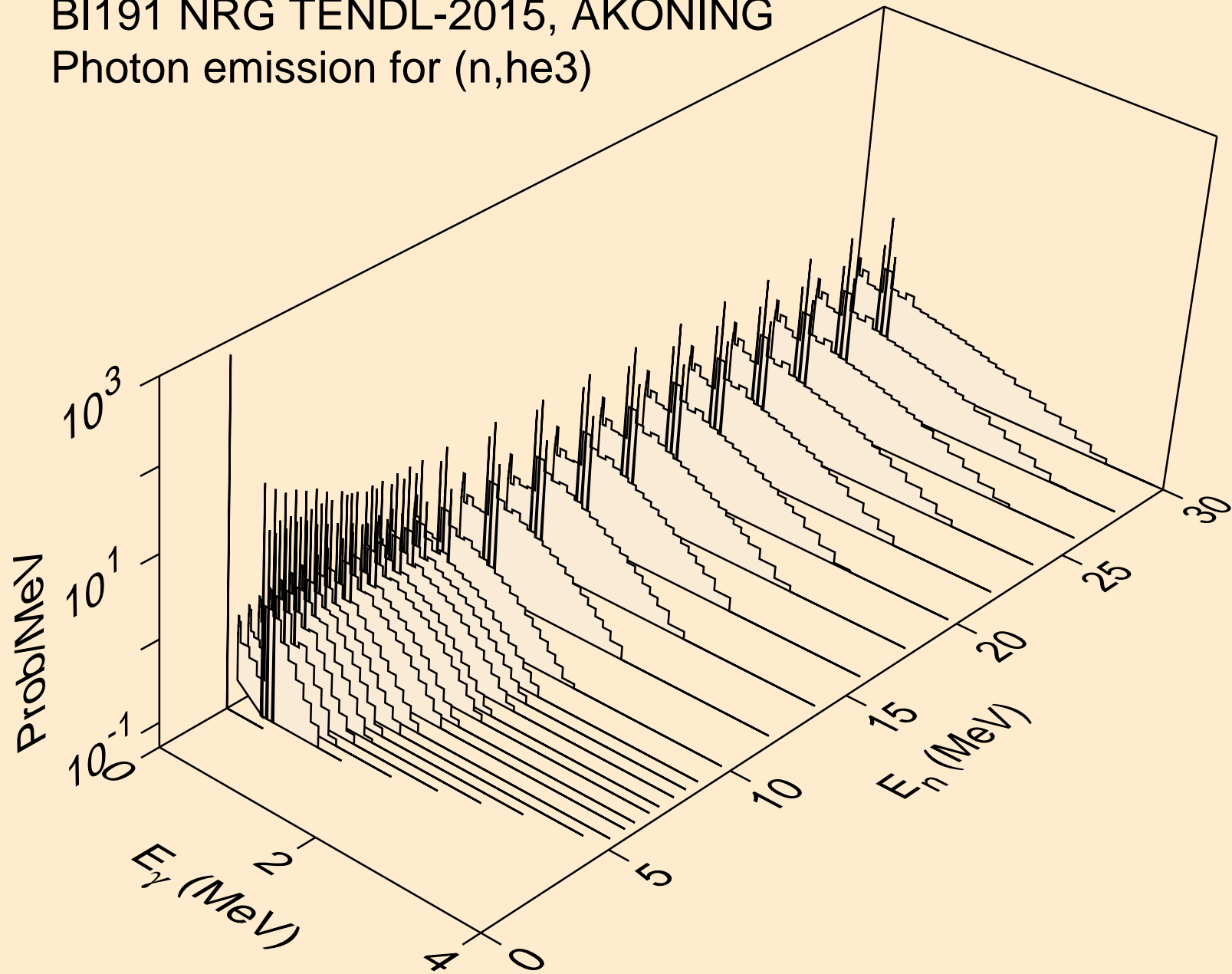
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

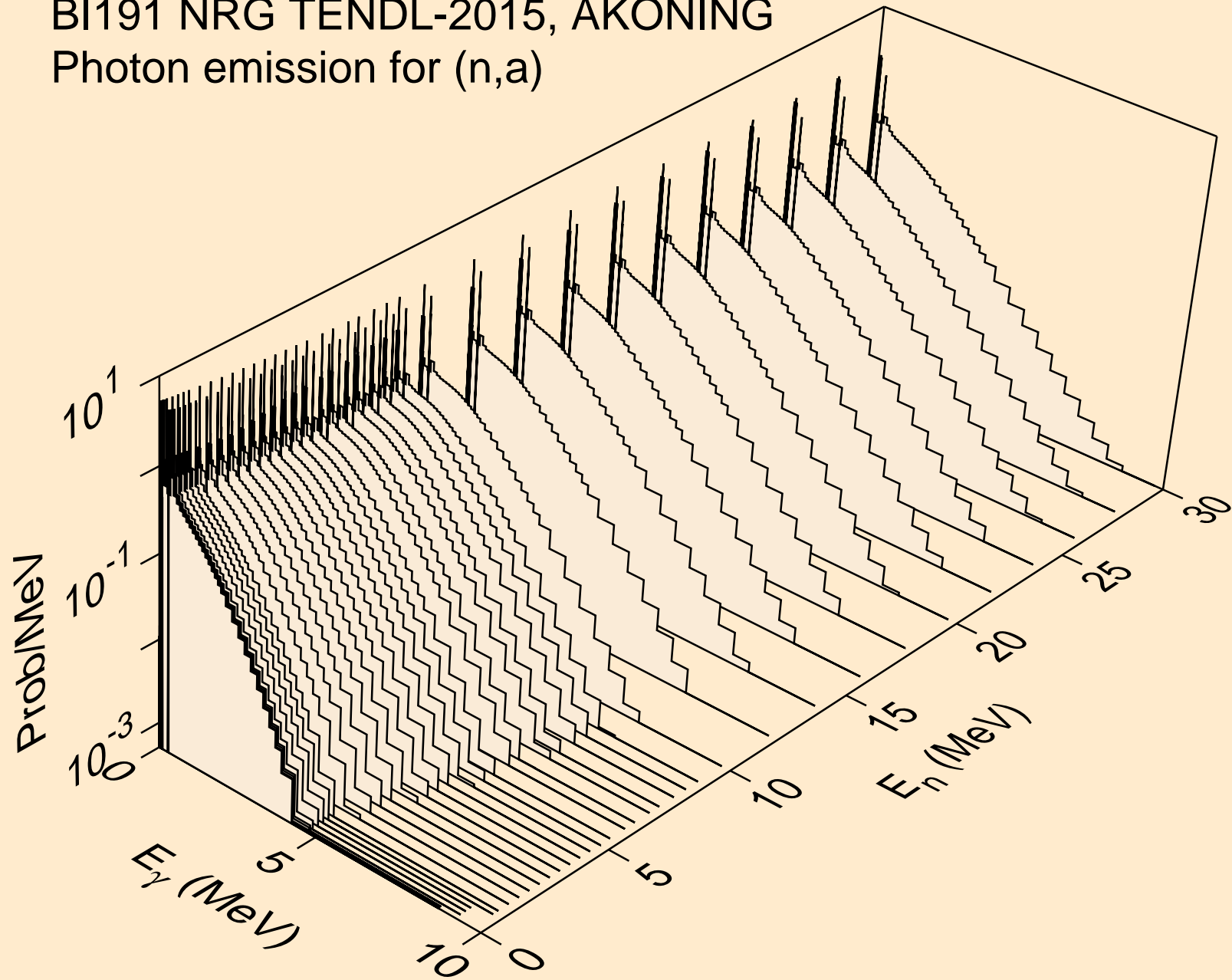


BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

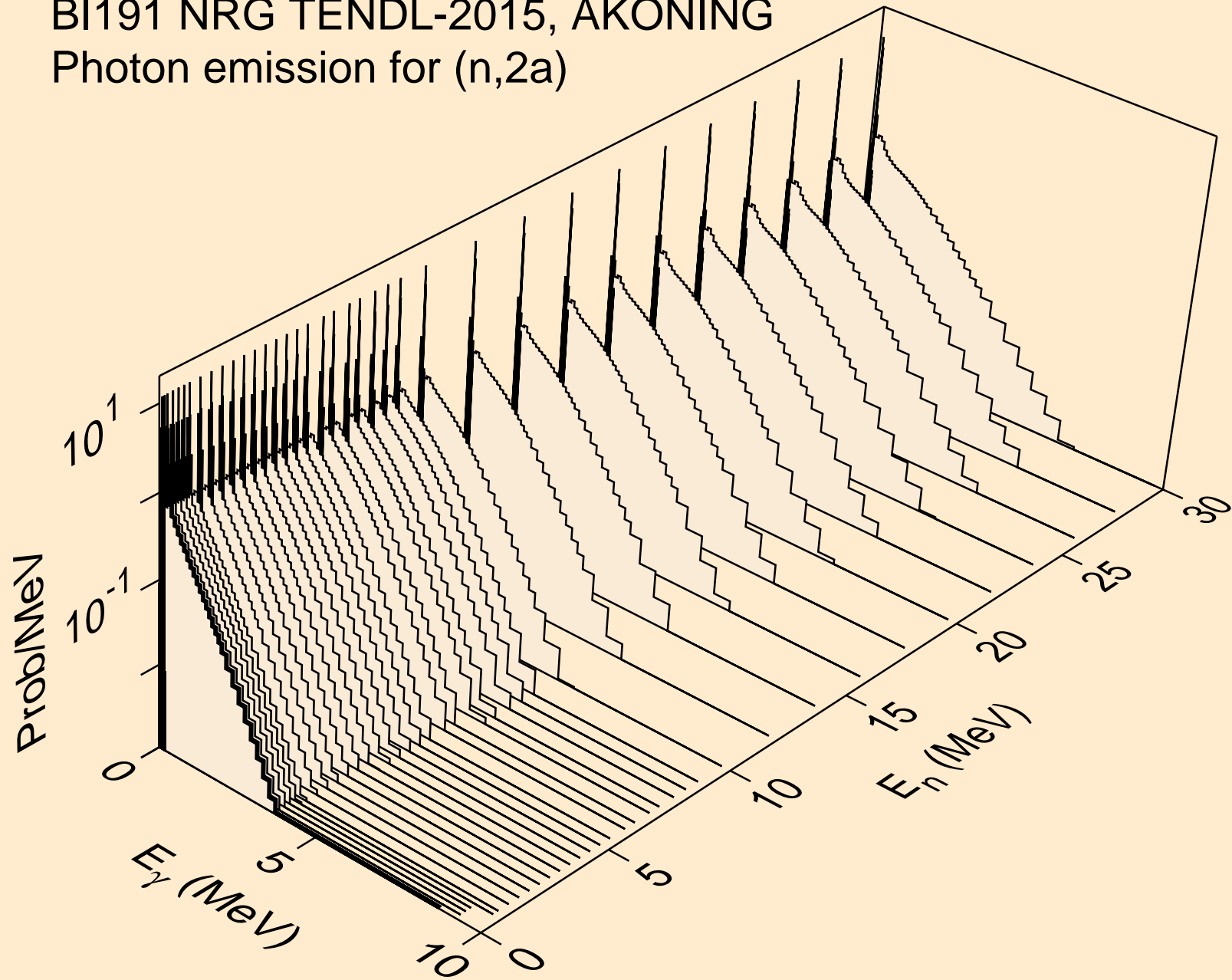




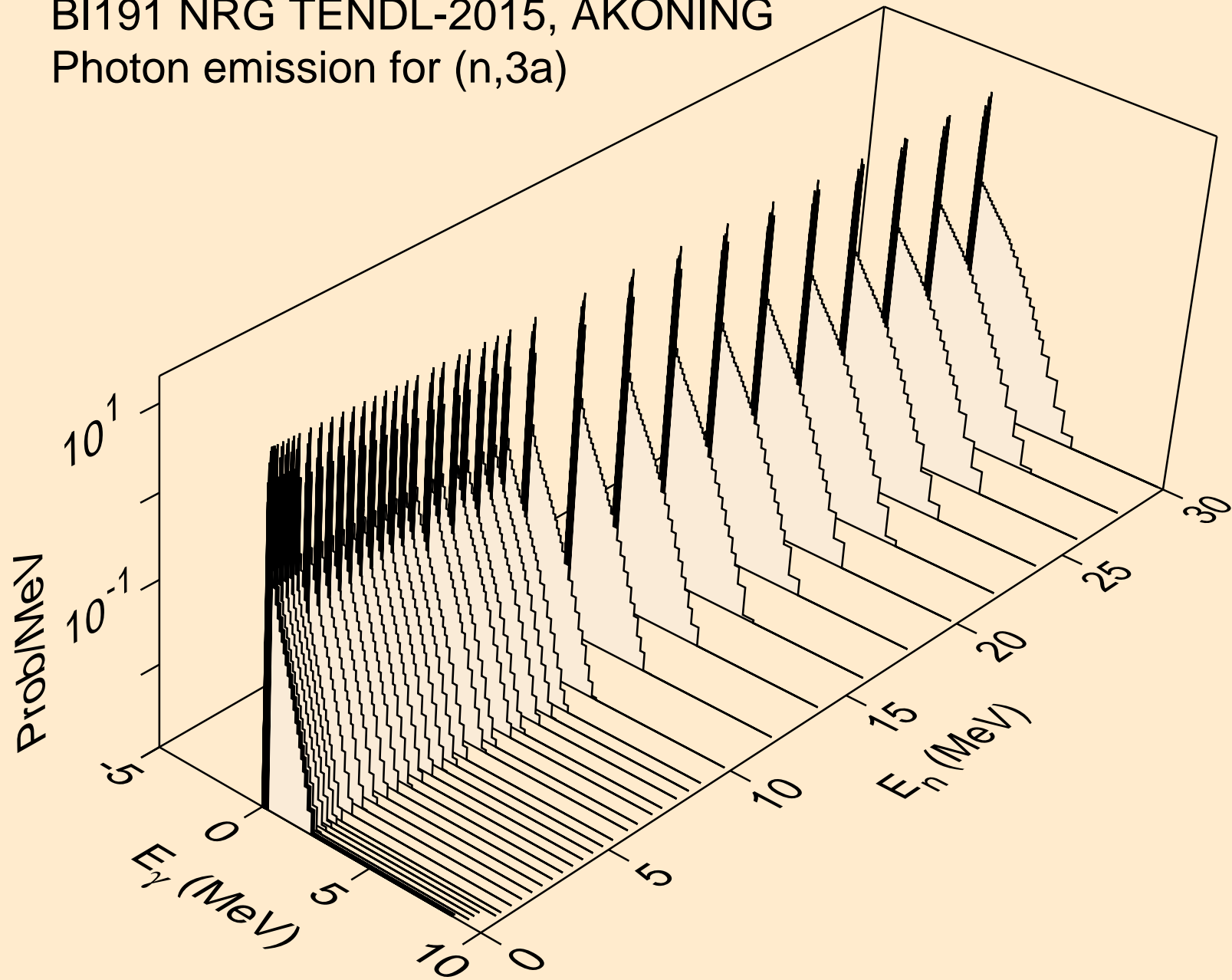
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



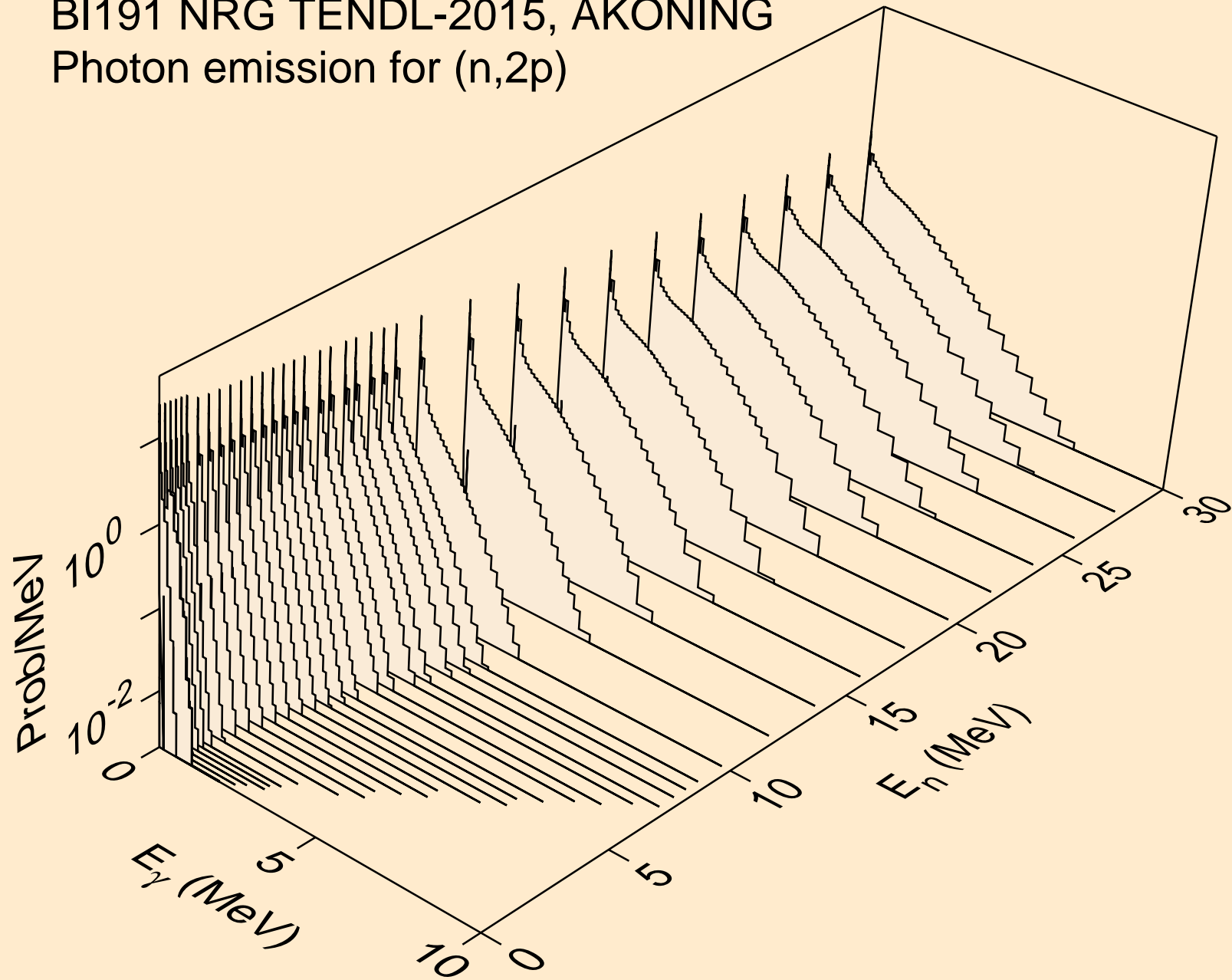
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



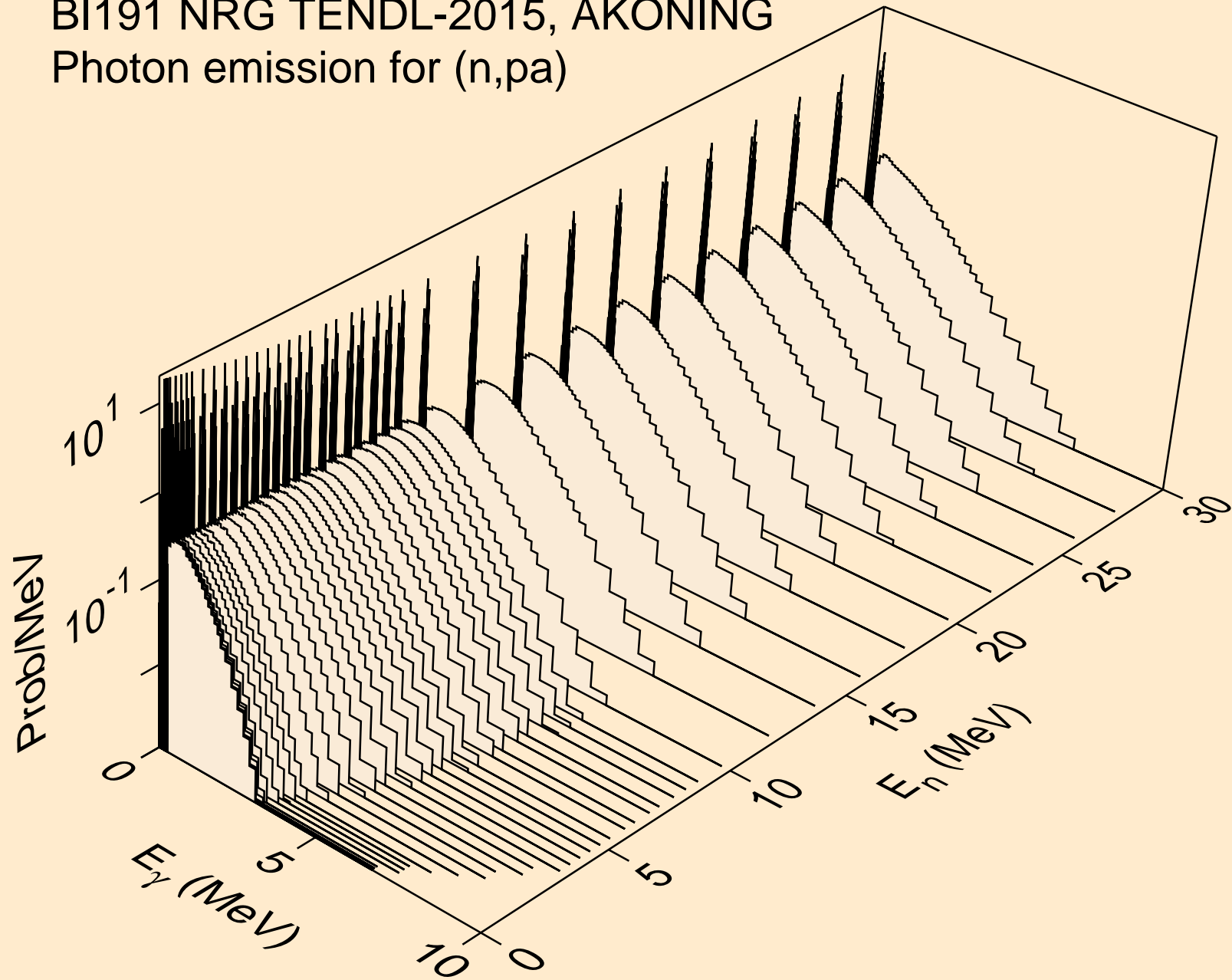
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



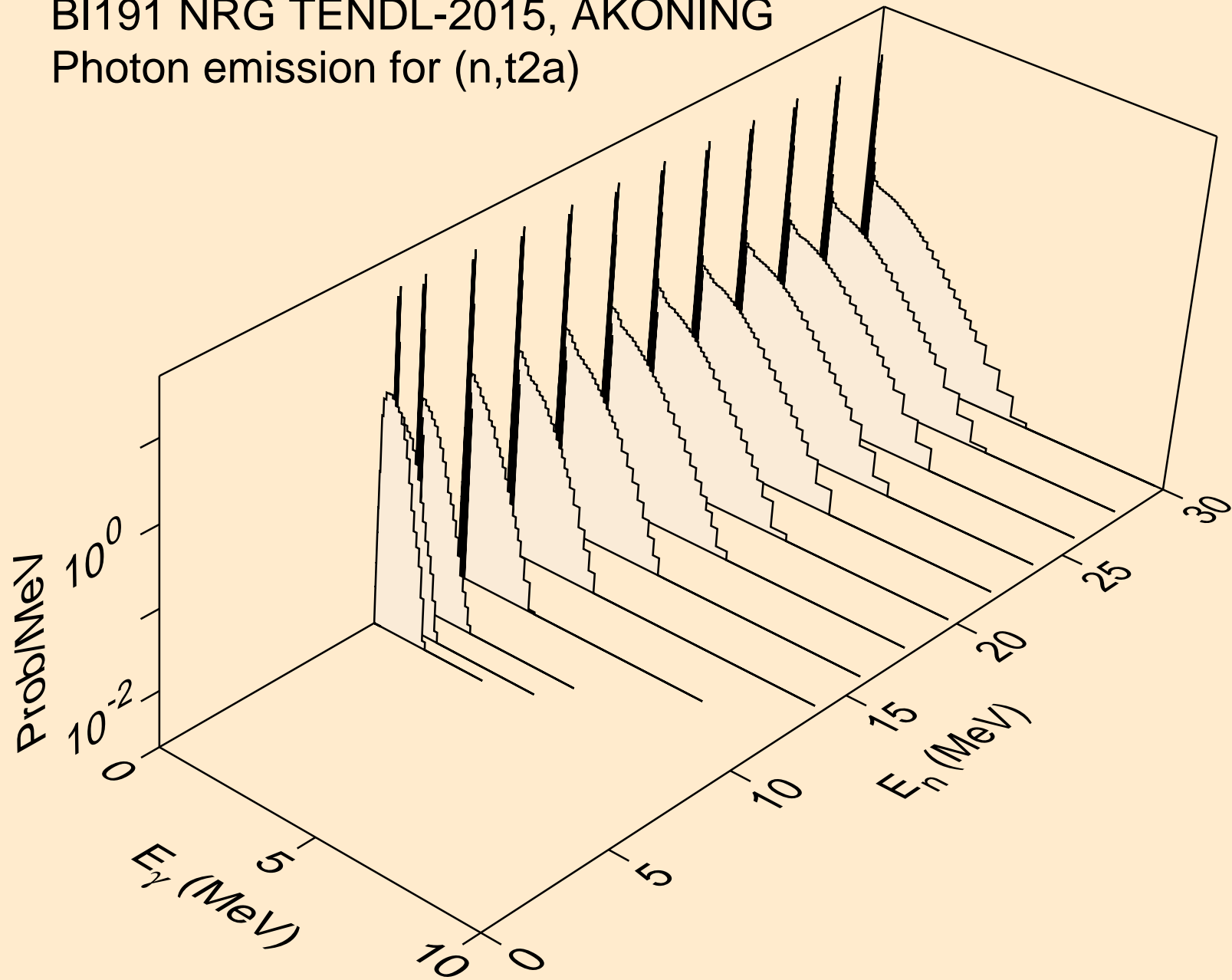
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



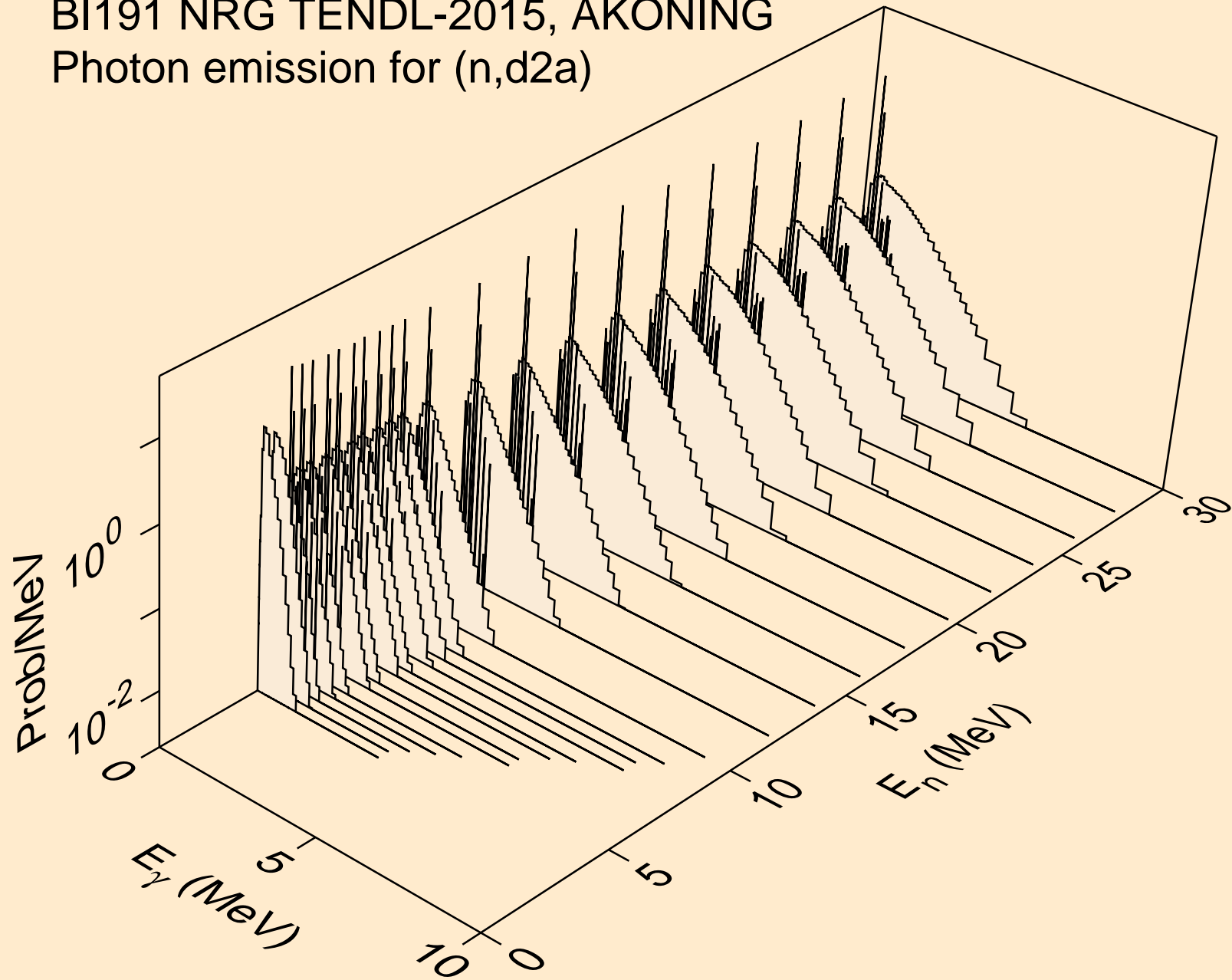
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



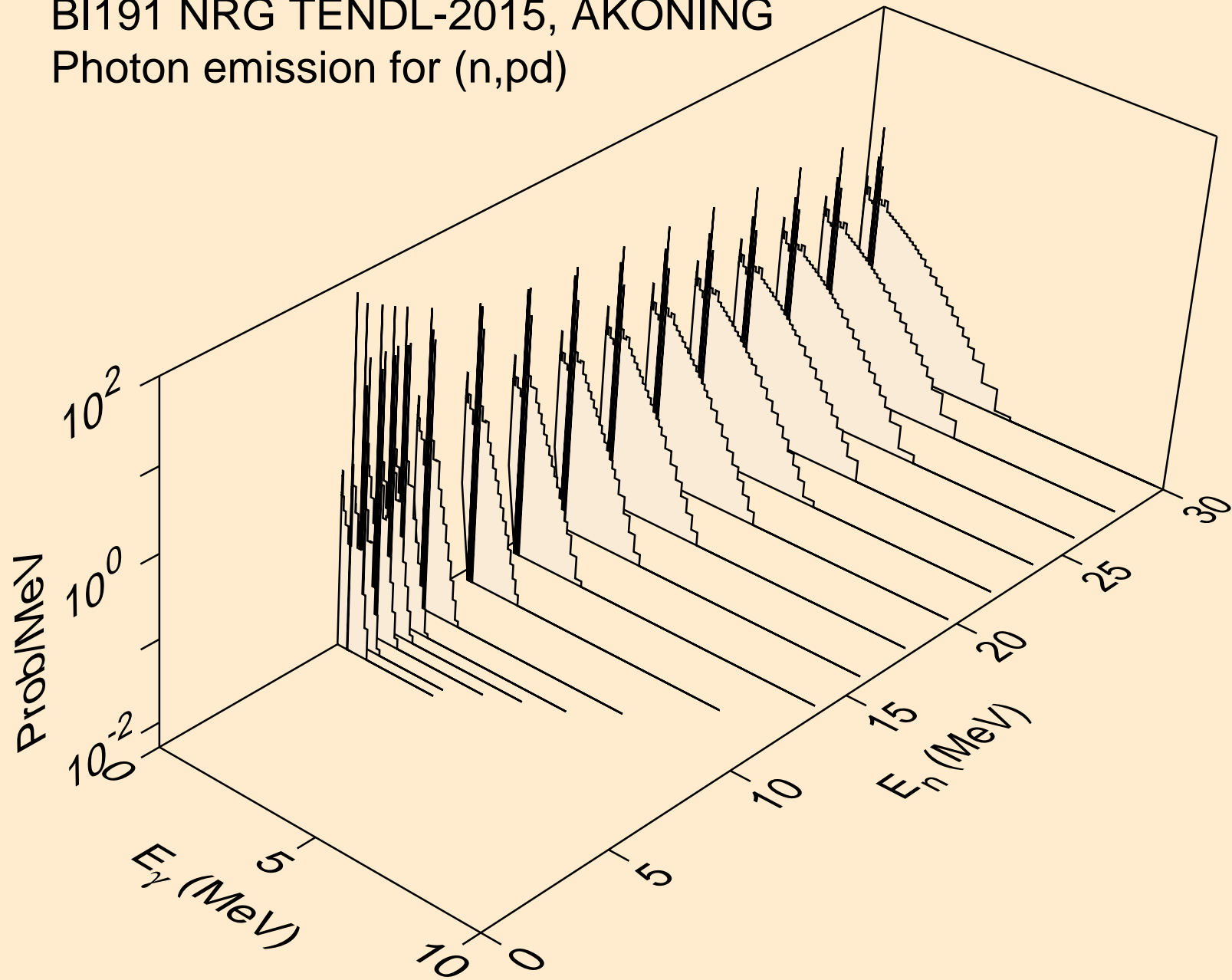
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

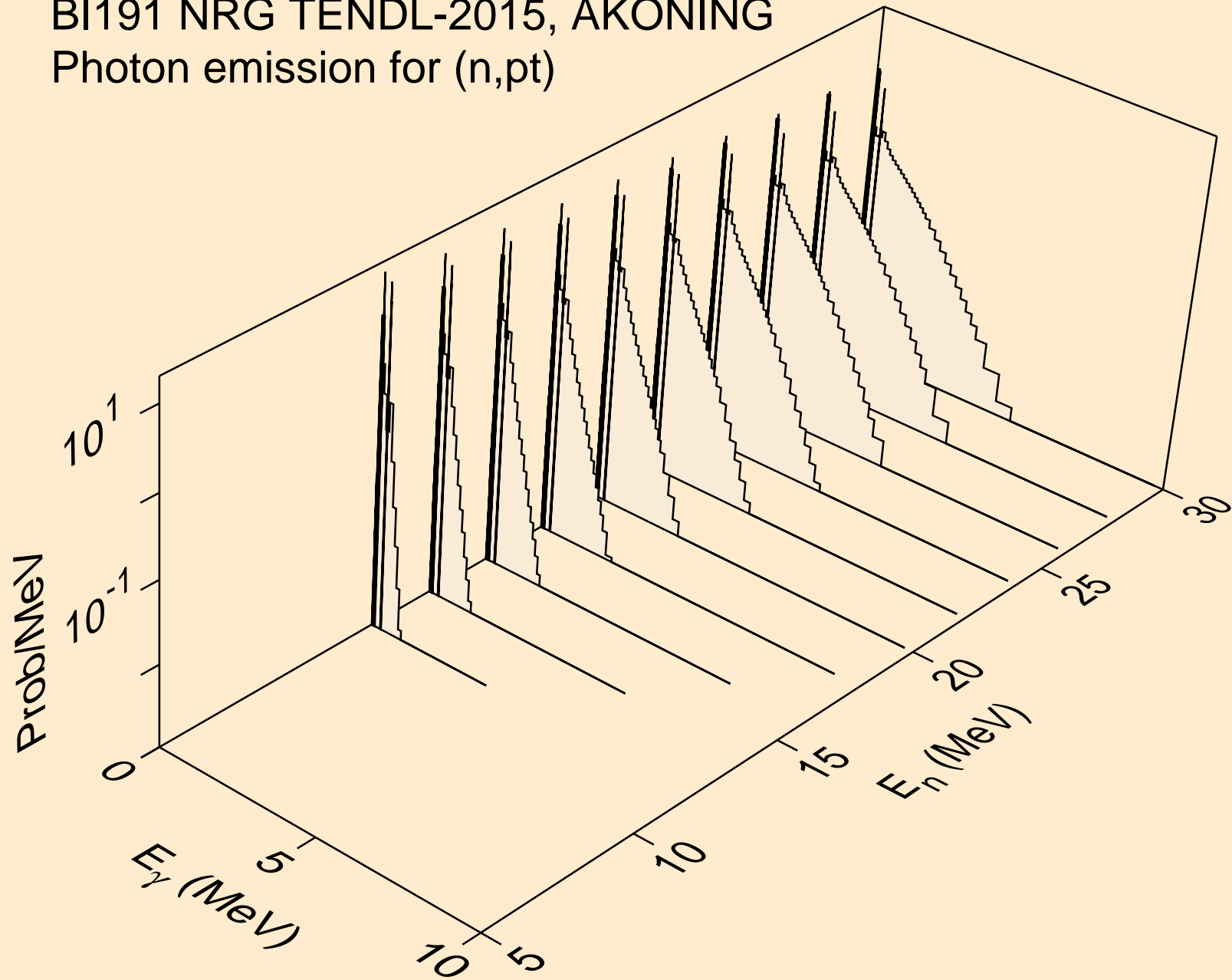


BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

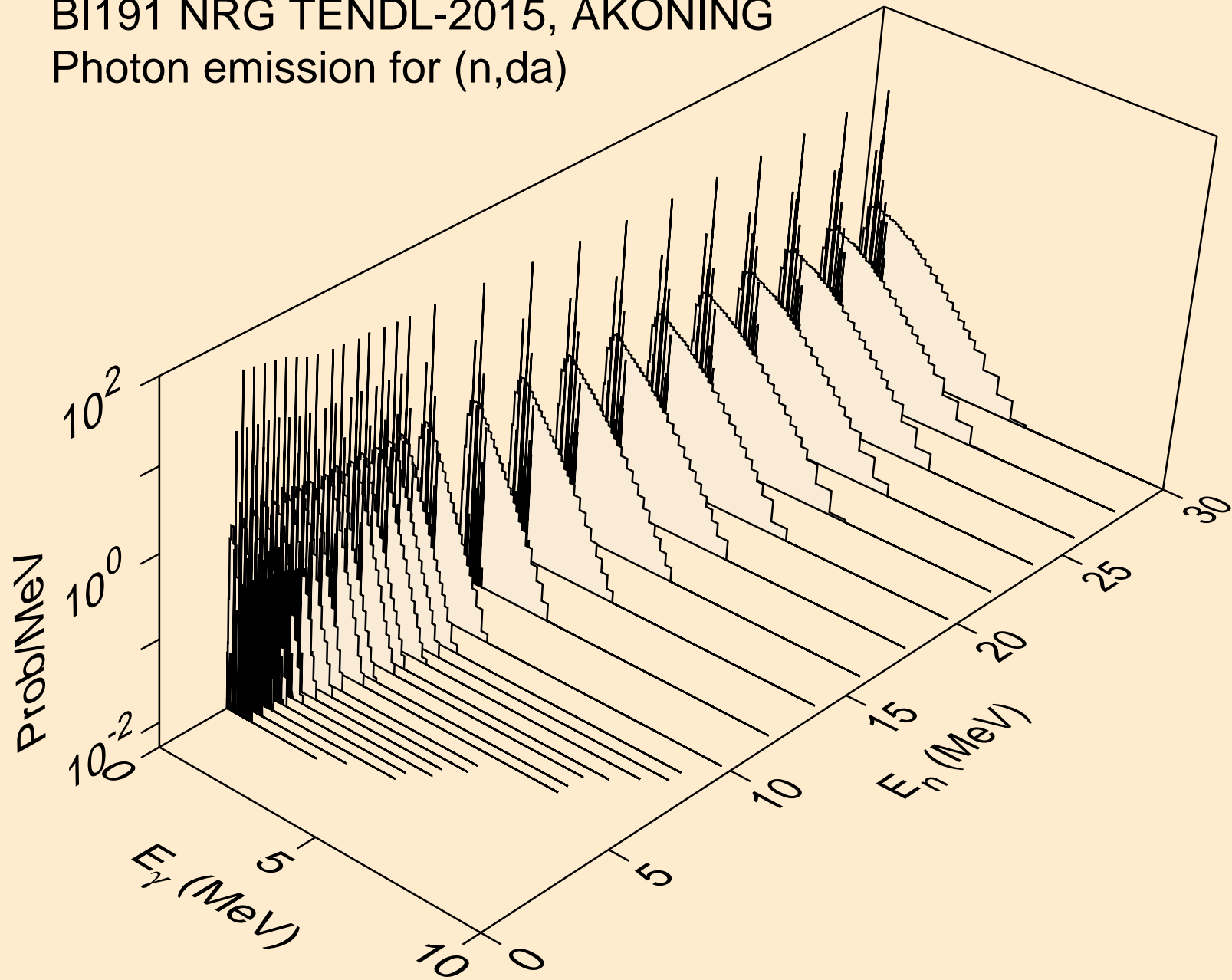




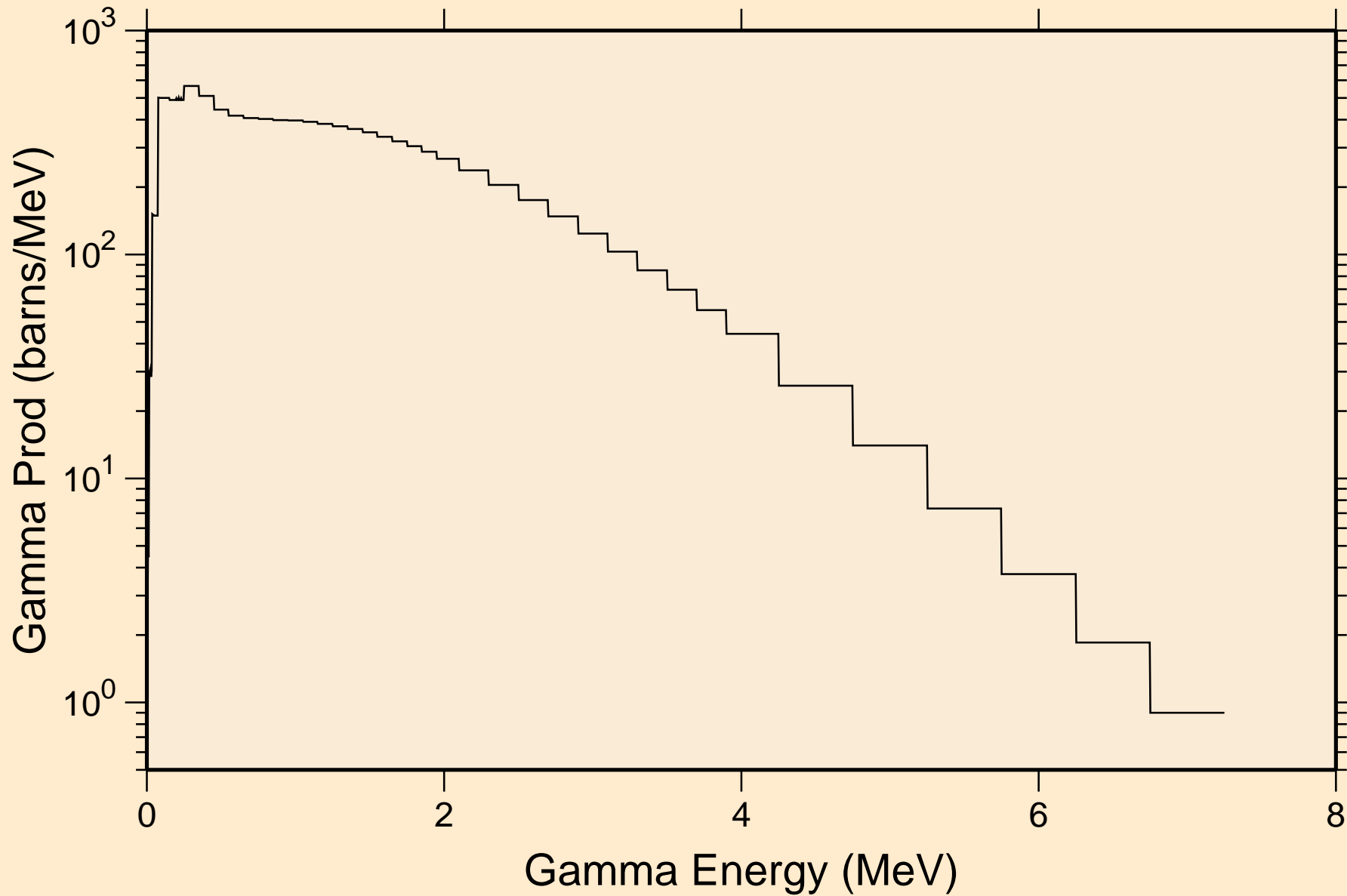
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



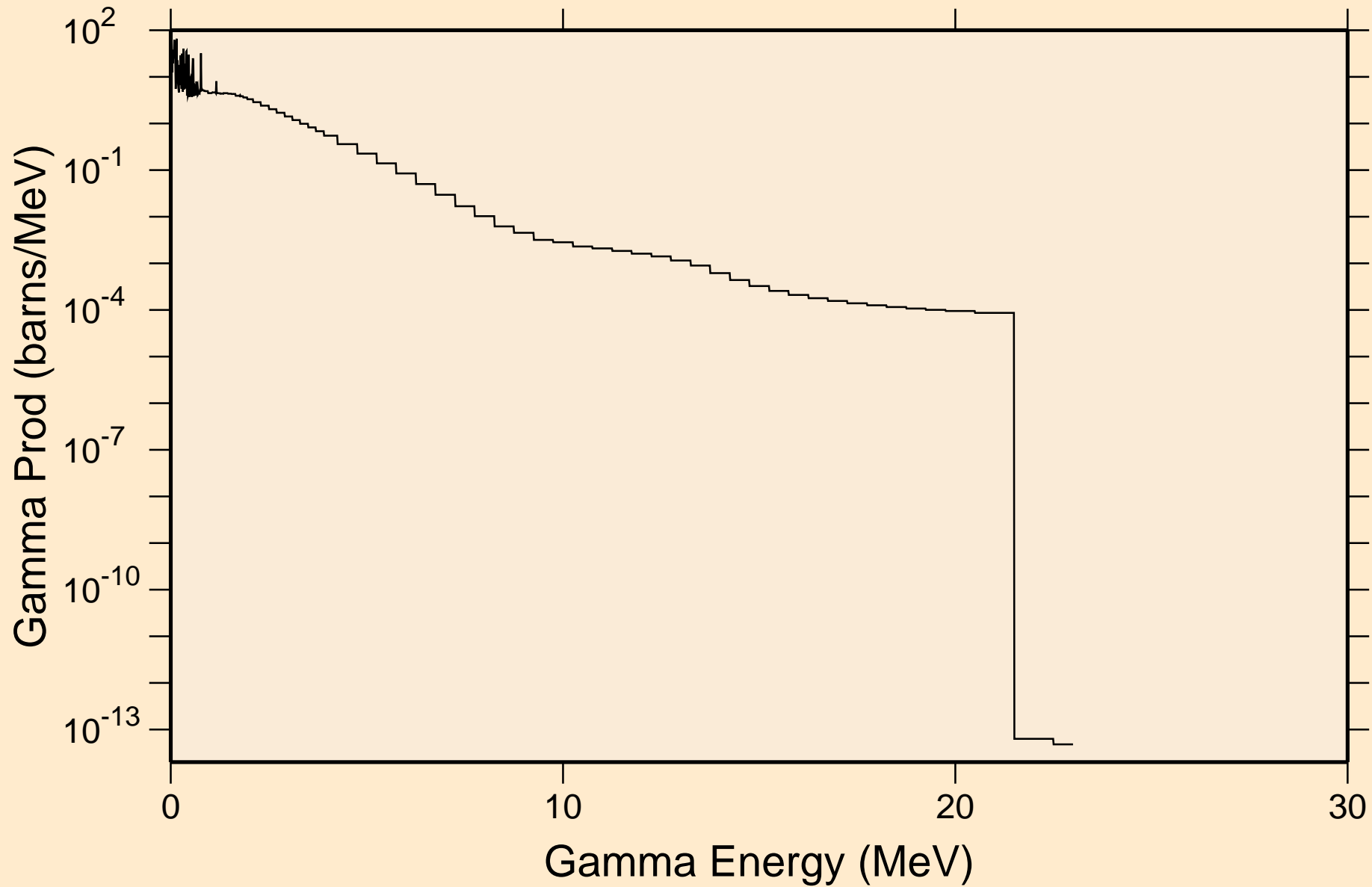
BI191 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI191 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

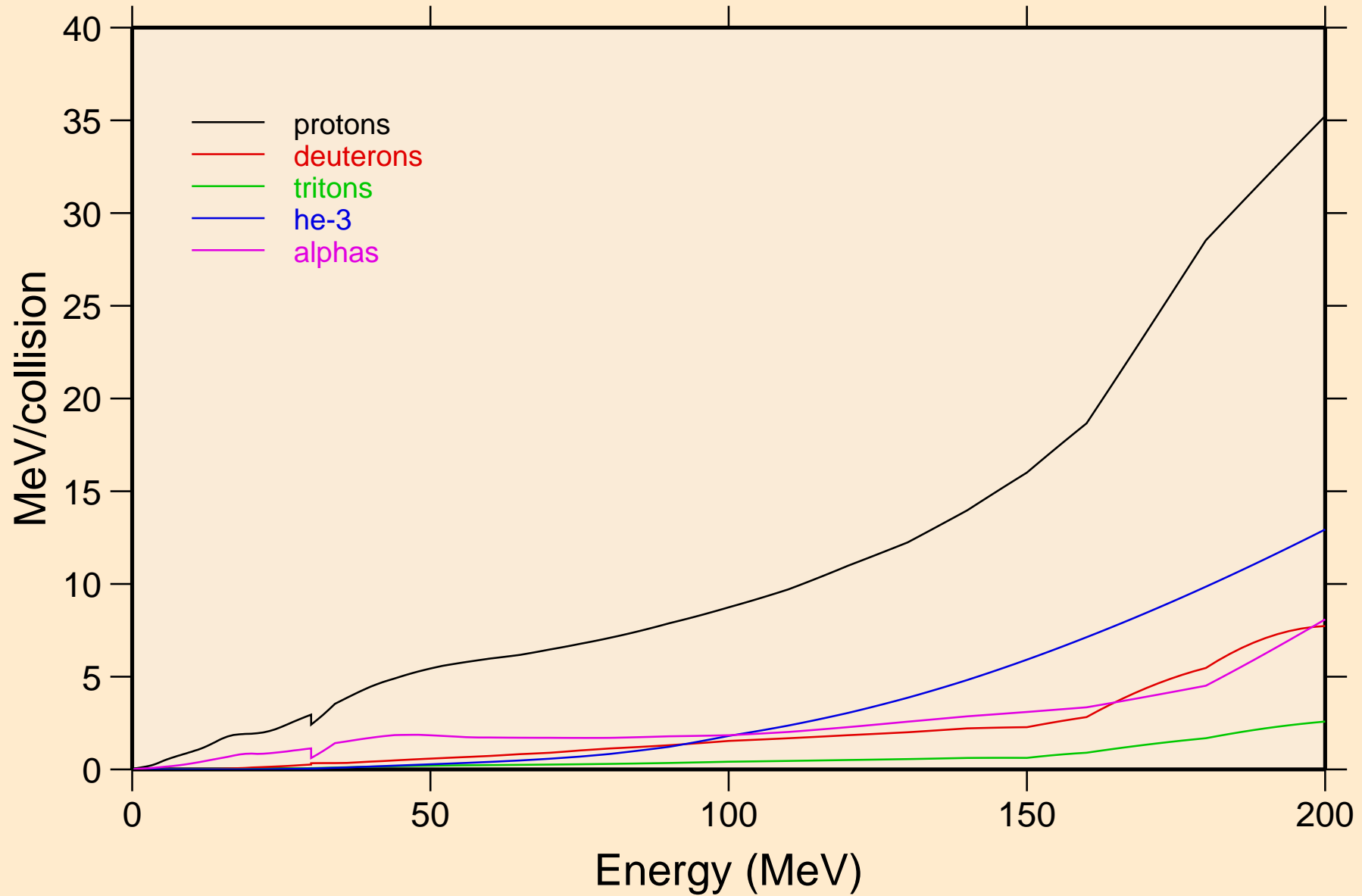


BI191 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



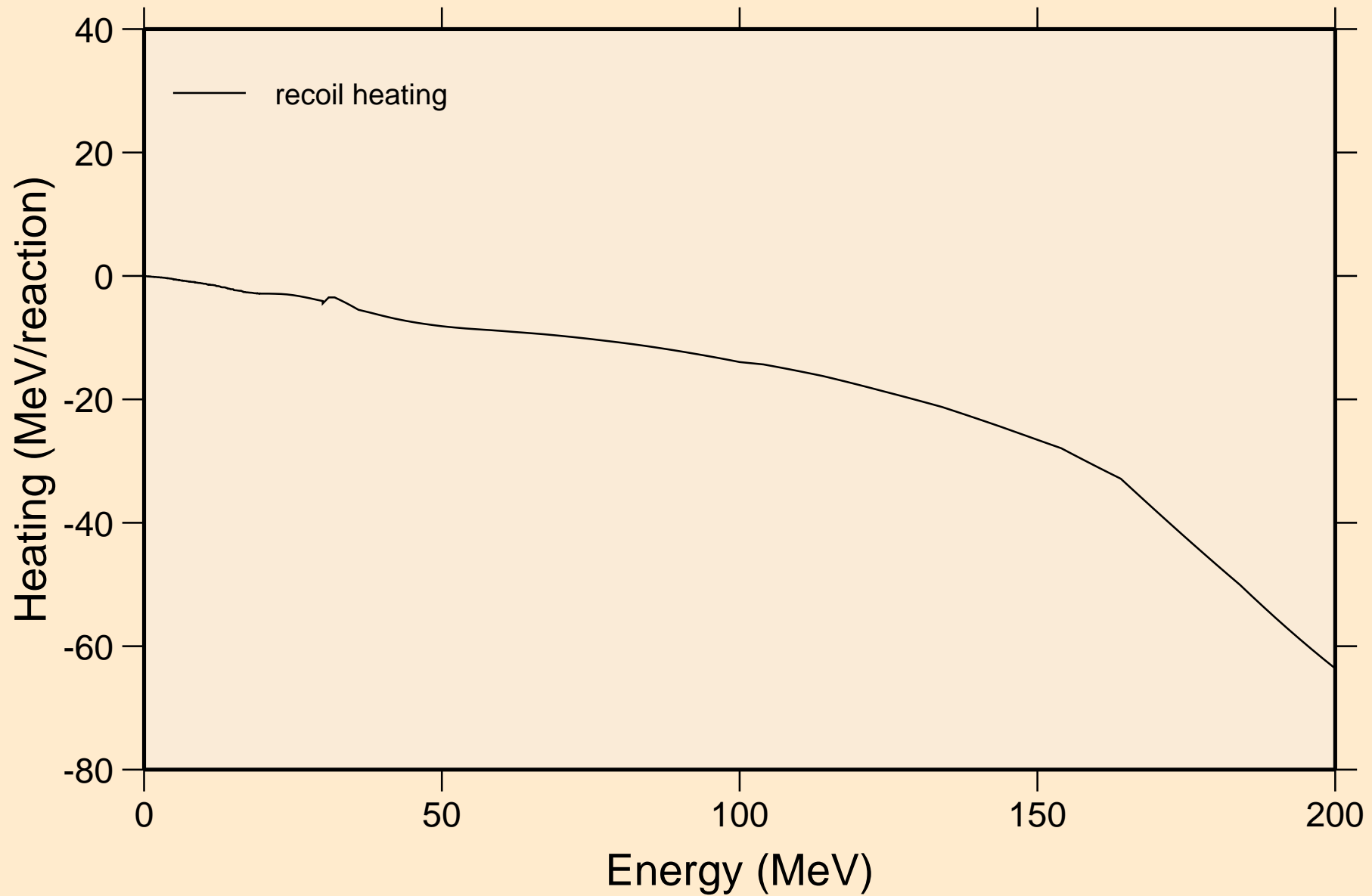
# BI191 NRG TENDL-2015, AKONING

## Particle heating contributions



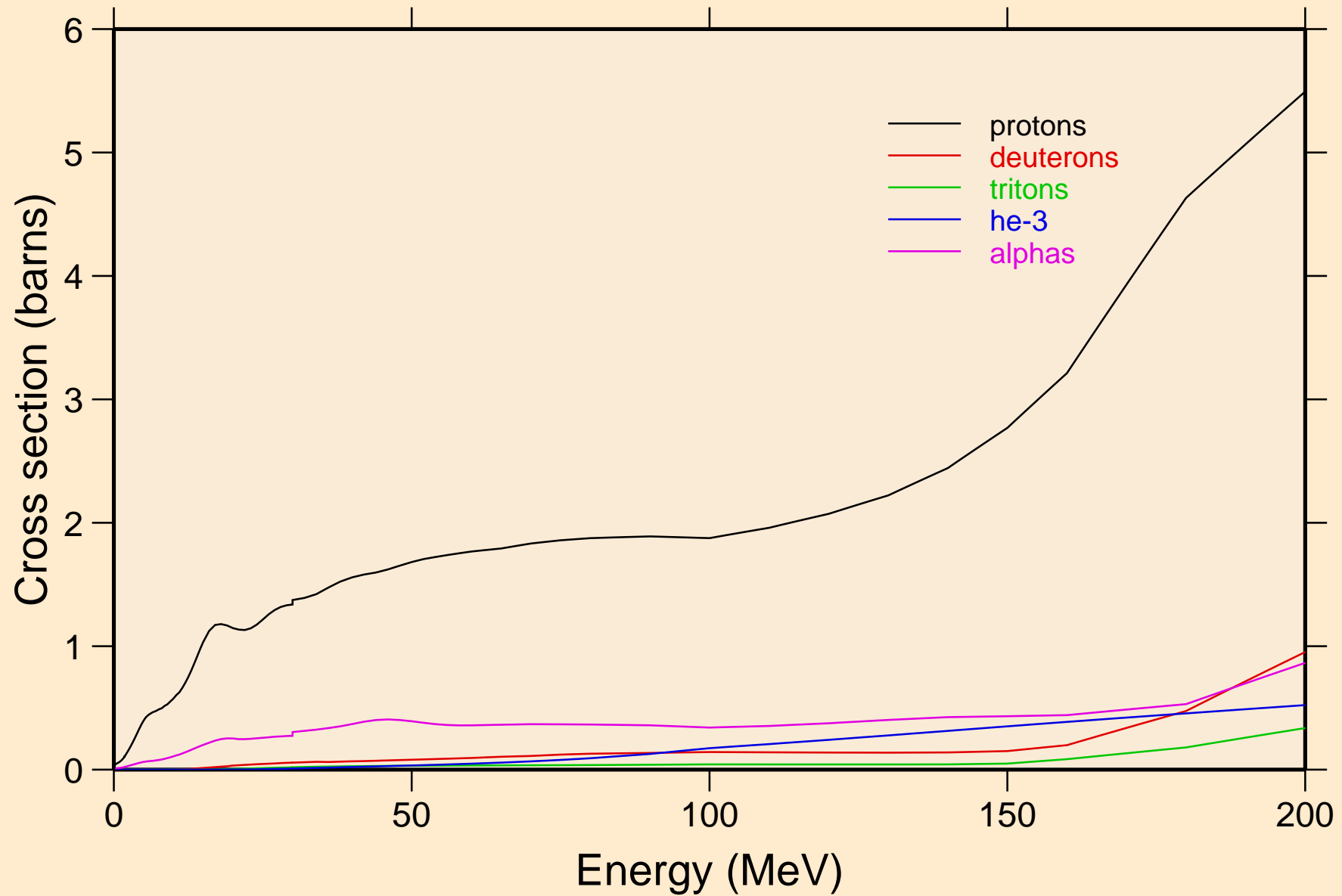
# BI191 NRG TENDL-2015, AKONING

## Recoil Heating

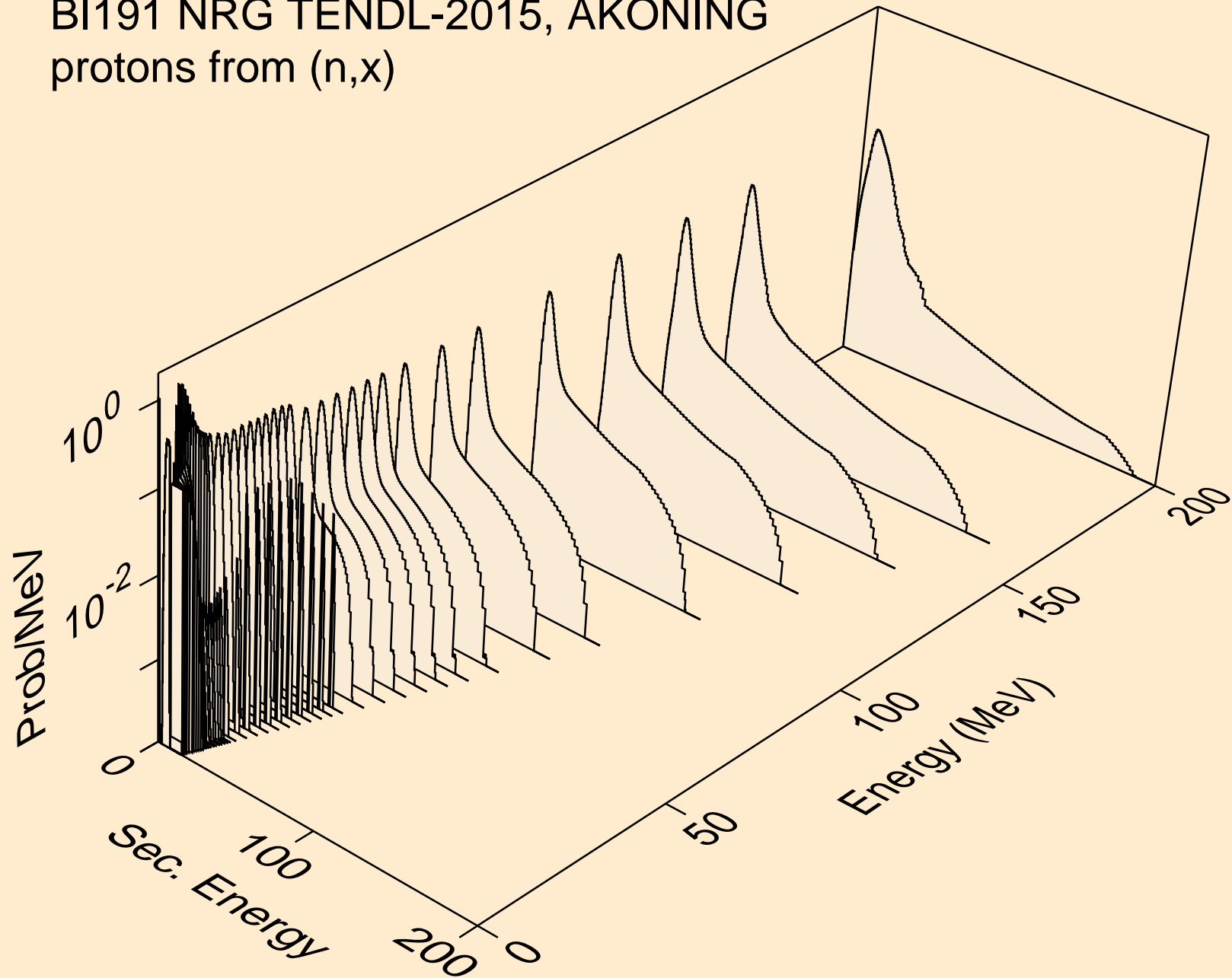


# BI191 NRG TENDL-2015, AKONING

## Particle production cross sections

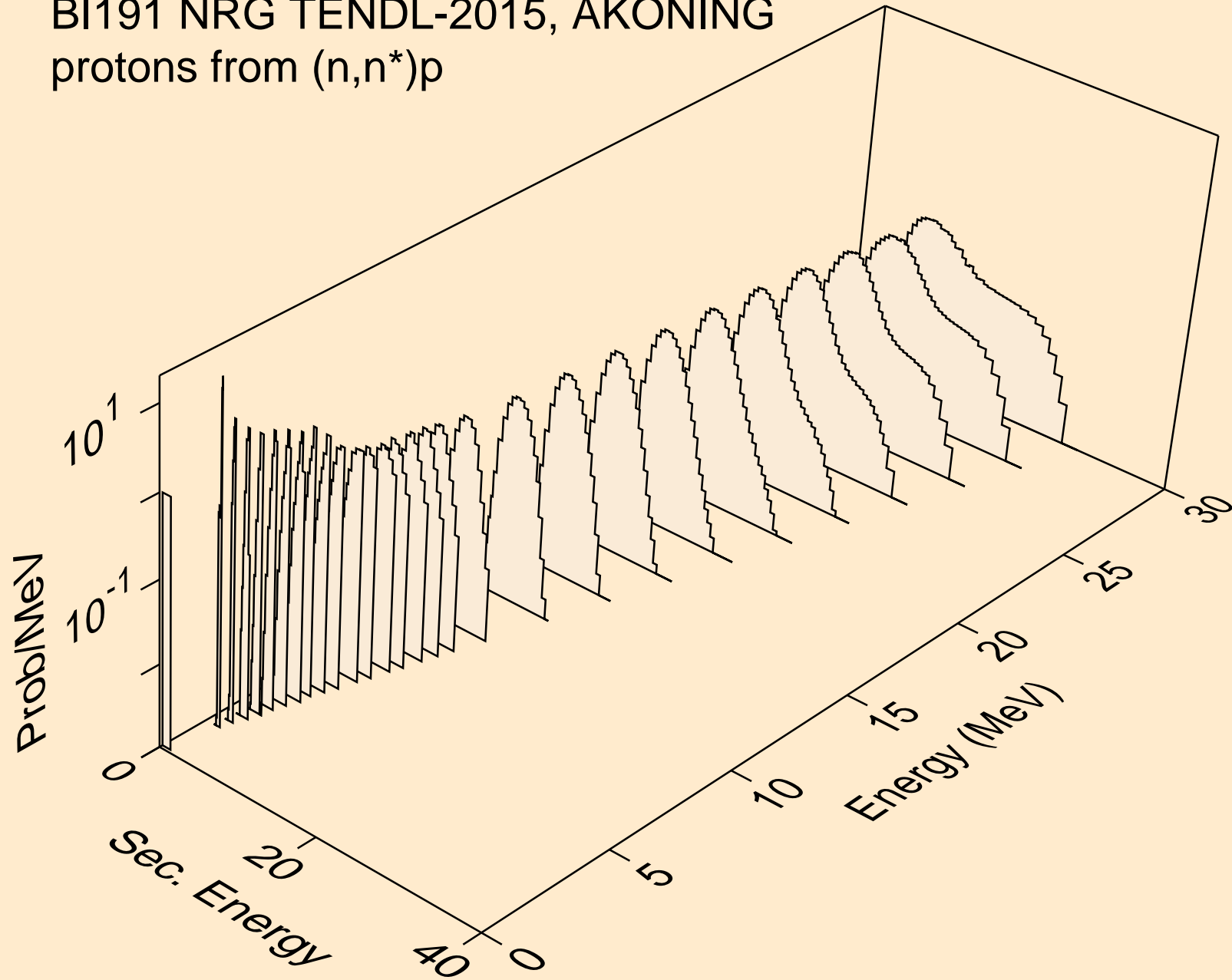


BI191 NRG TENDL-2015, AKONING  
protons from (n,x)

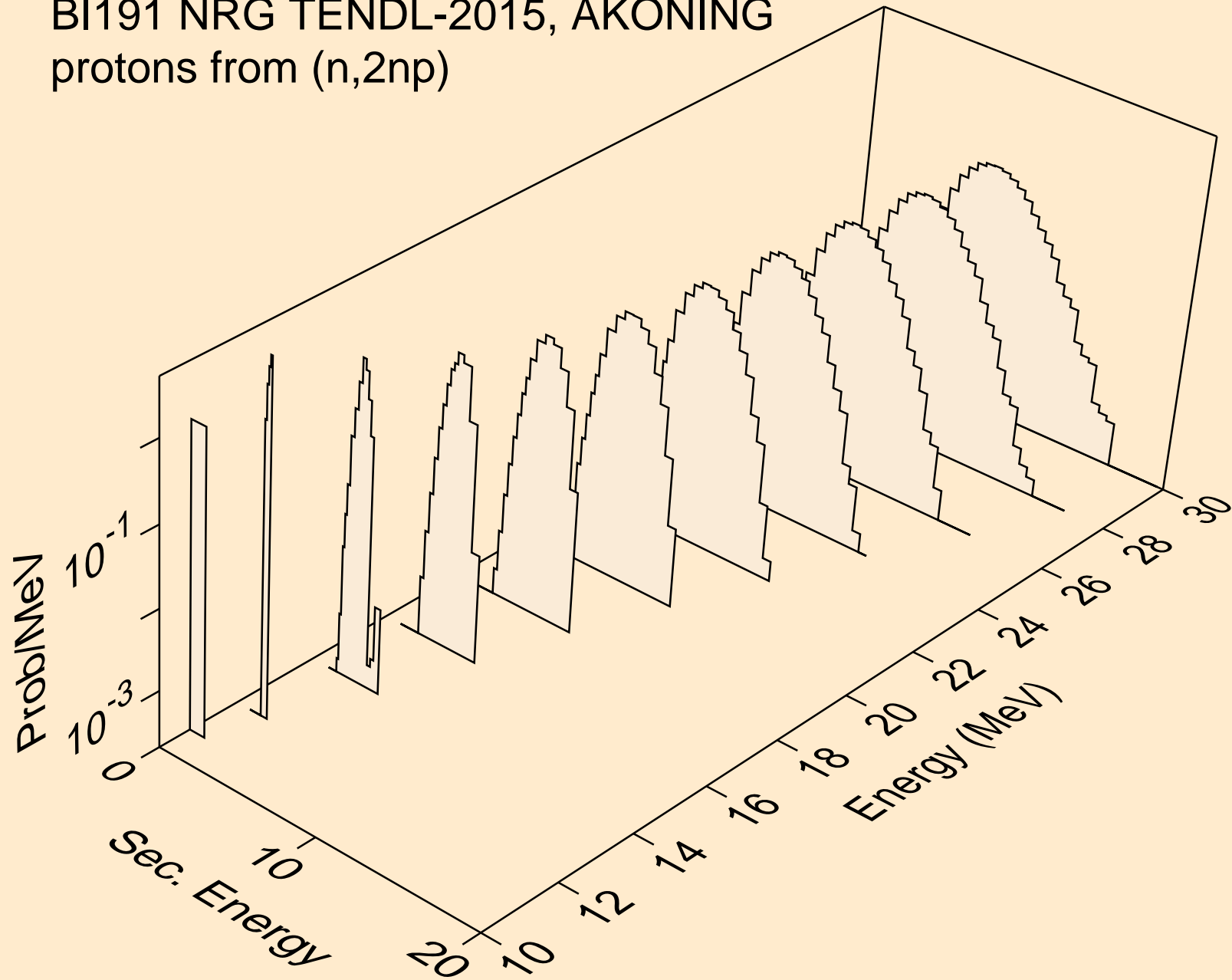




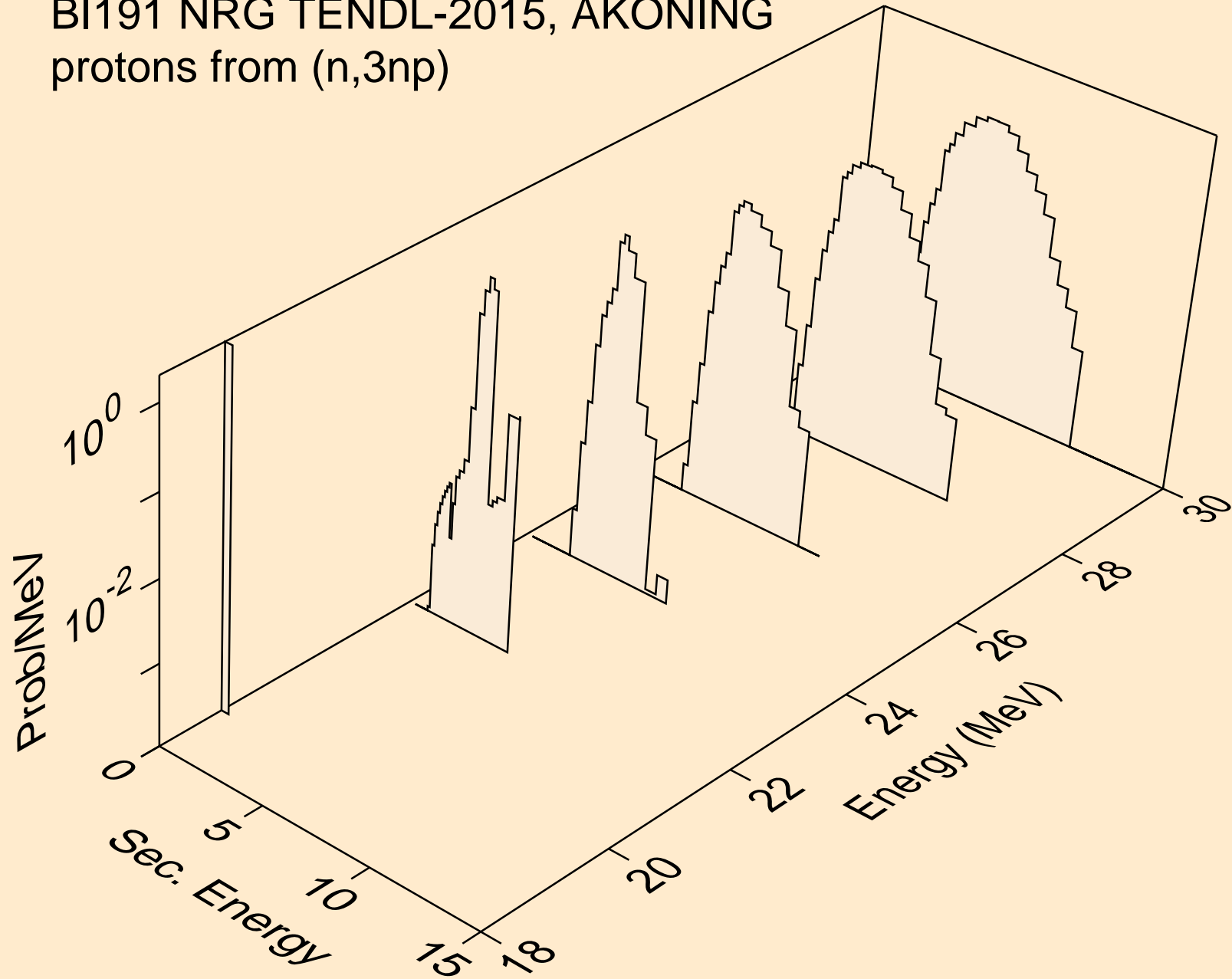
BI191 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



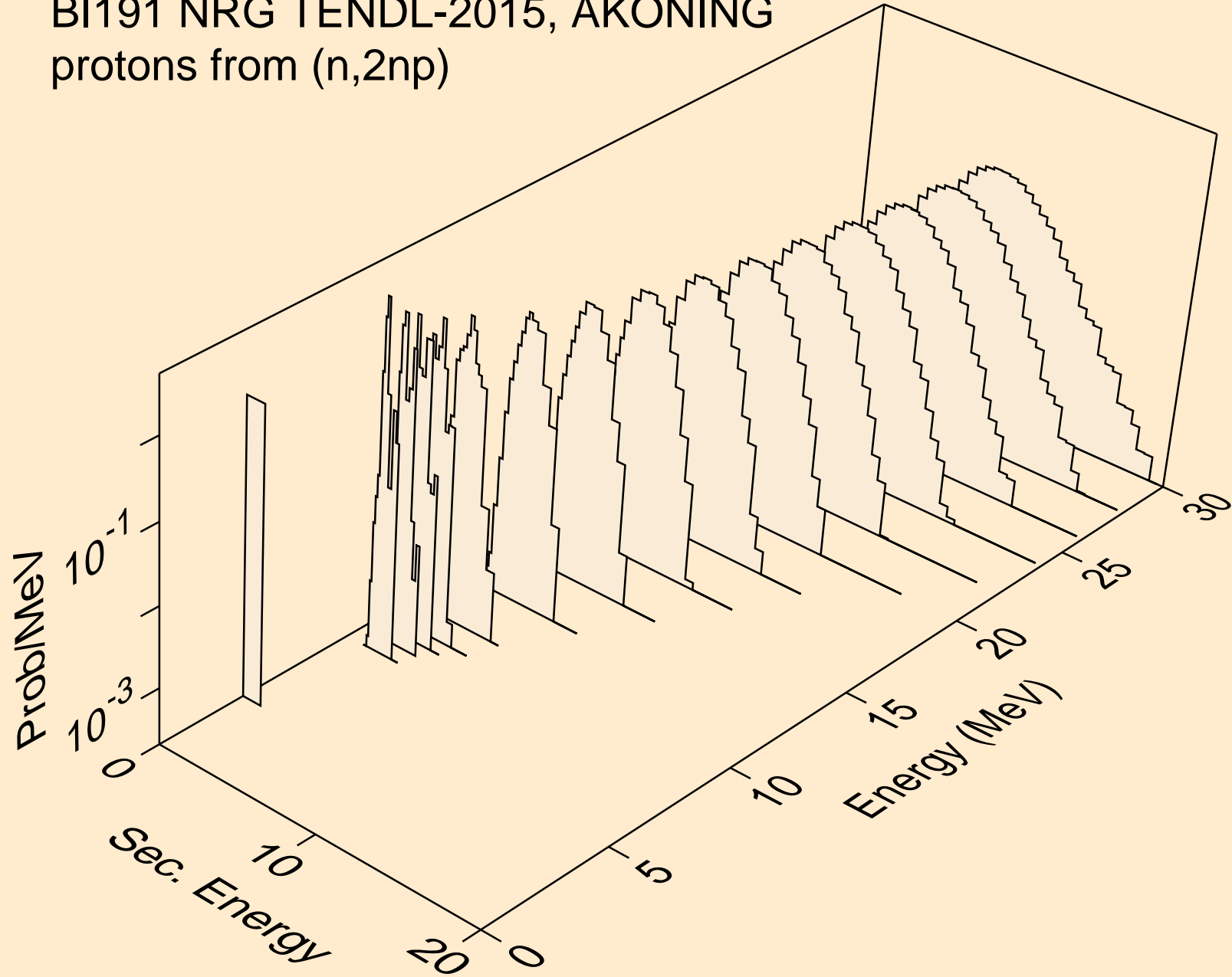
BI191 NRG TENDL-2015, AKONING  
protons from (n,2np)



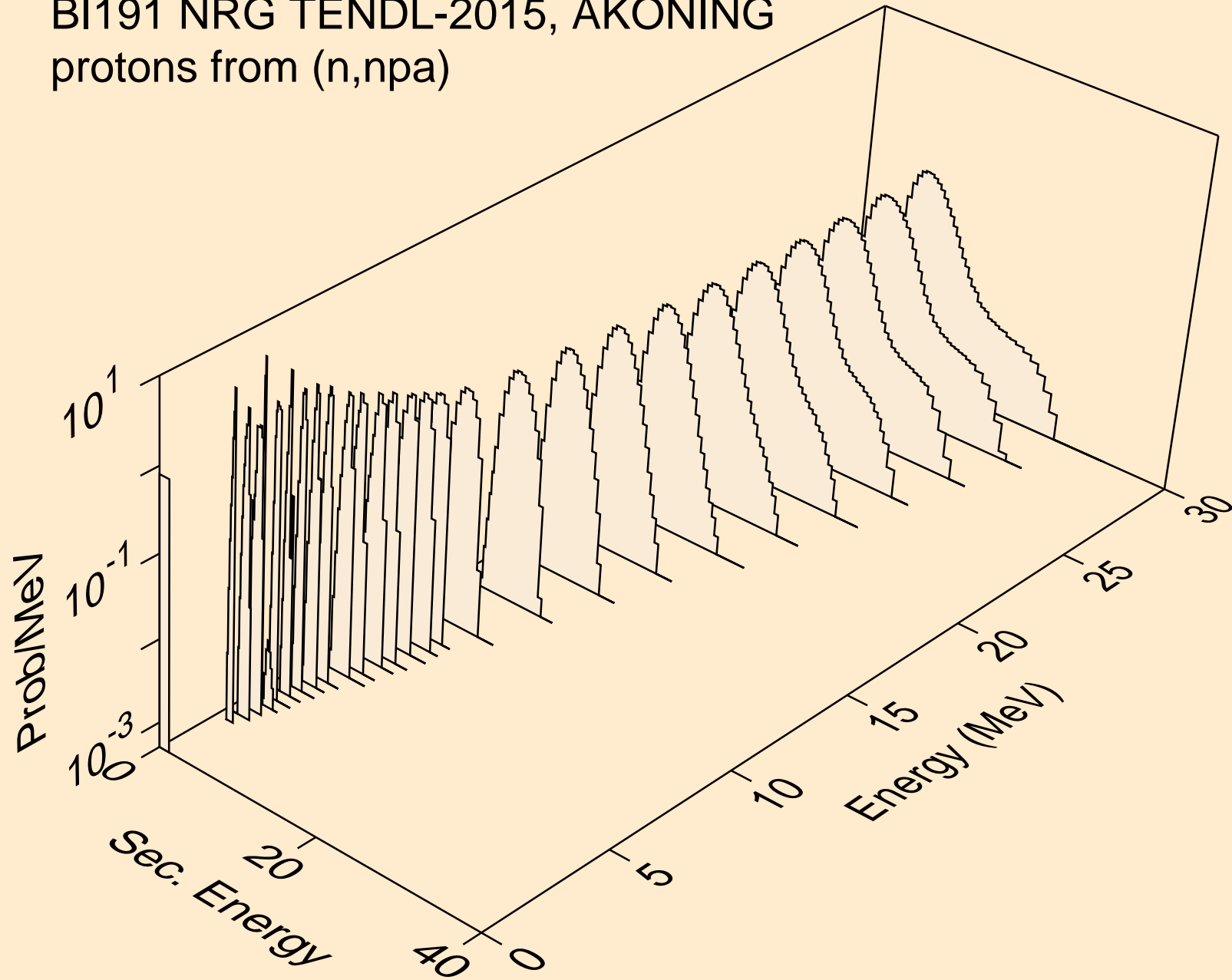
BI191 NRG TENDL-2015, AKONING  
protons from (n,3np)



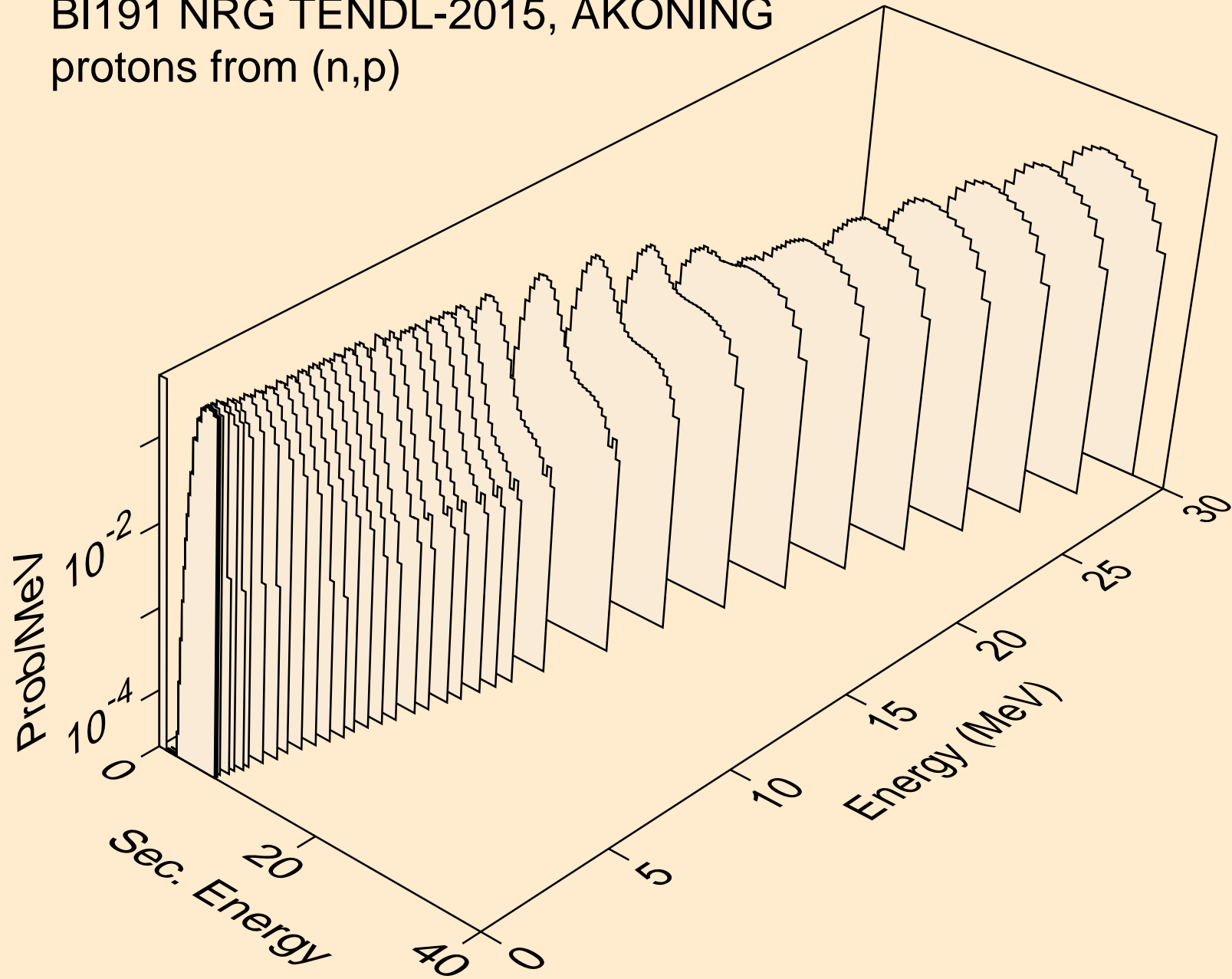
BI191 NRG TENDL-2015, AKONING  
protons from (n,2np)



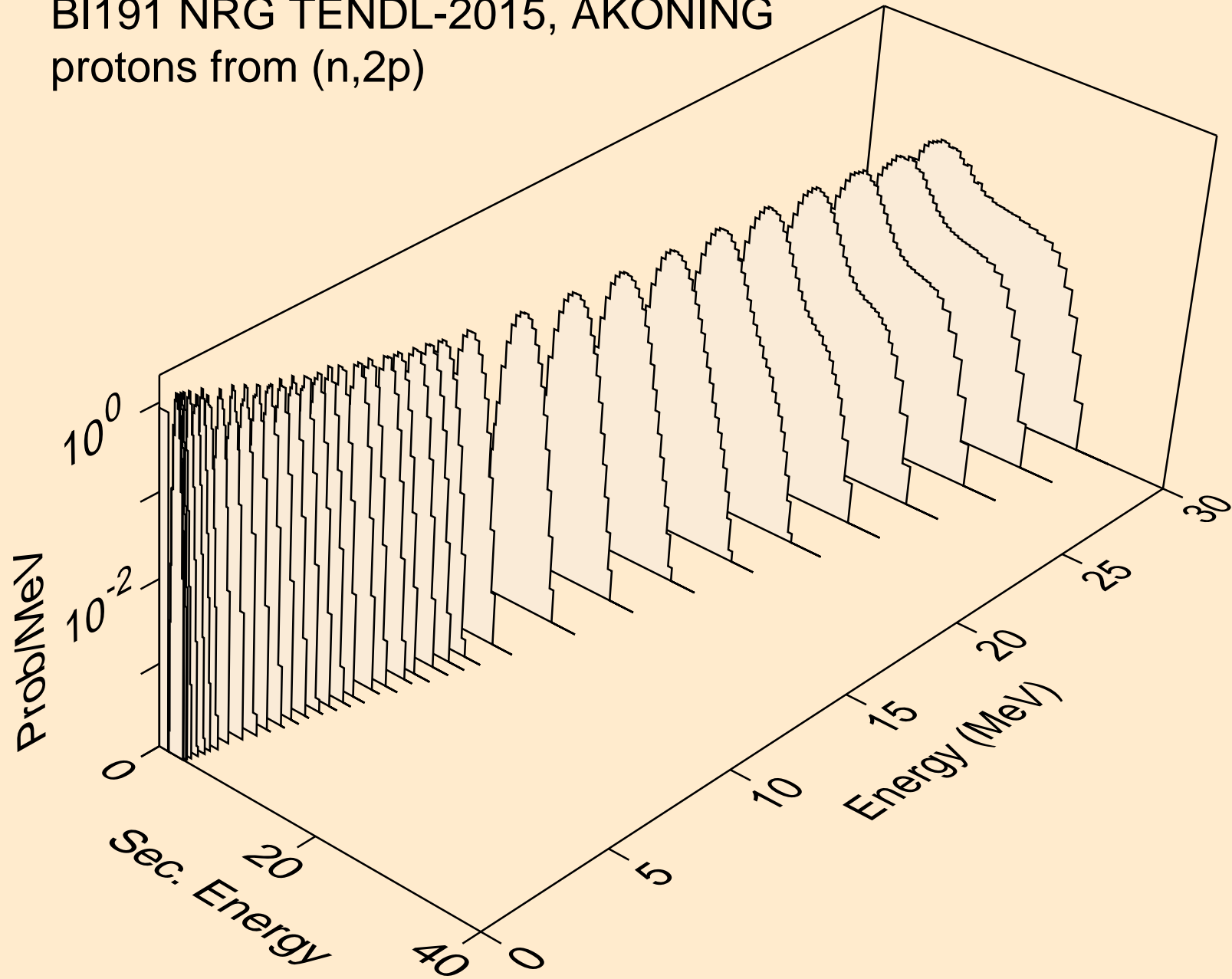
BI191 NRG TENDL-2015, AKONING  
protons from (n,npa)



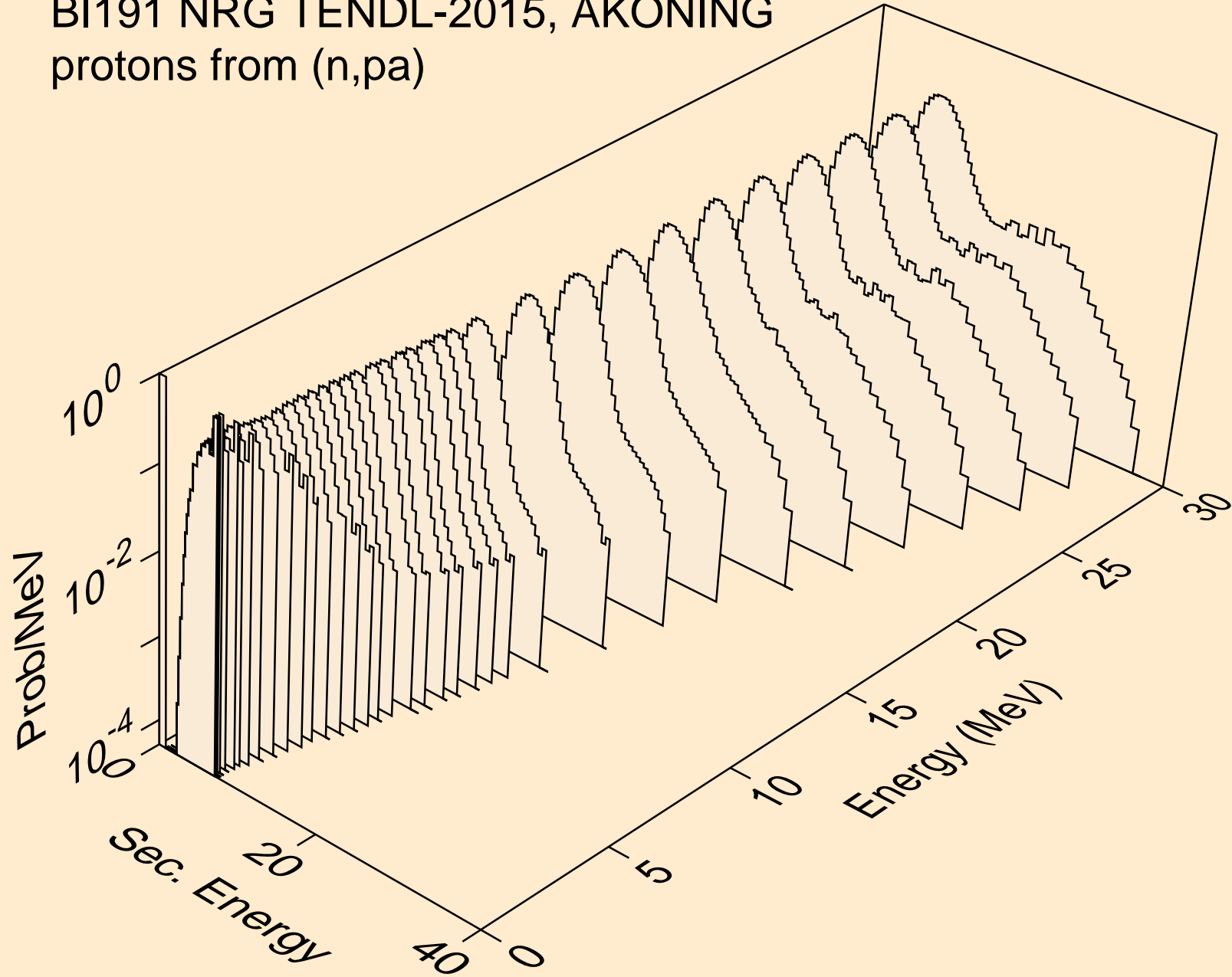
BI191 NRG TENDL-2015, AKONING  
protons from (n,p)



BI191 NRG TENDL-2015, AKONING  
protons from (n,2p)

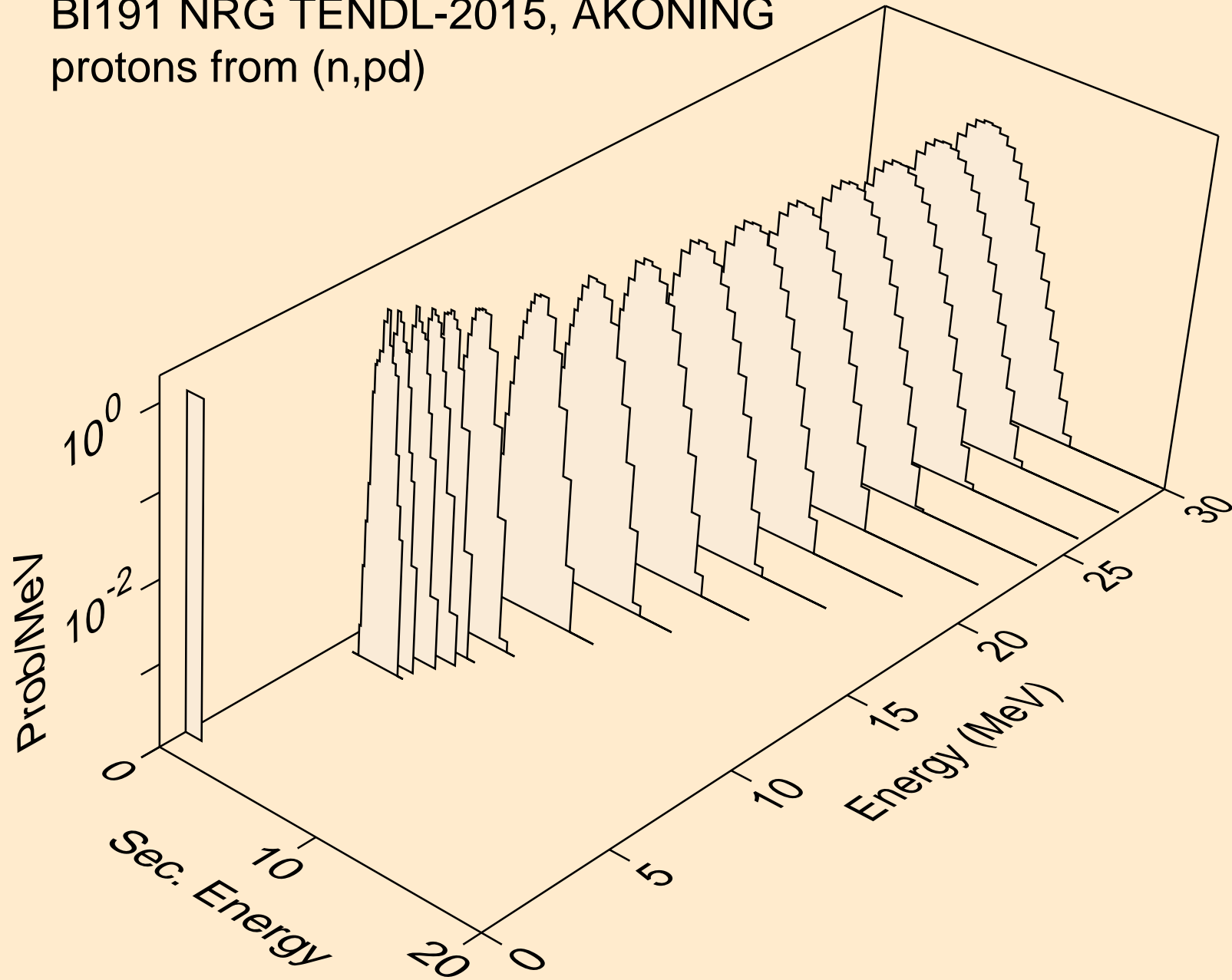


BI191 NRG TENDL-2015, AKONING  
protons from (n,pa)

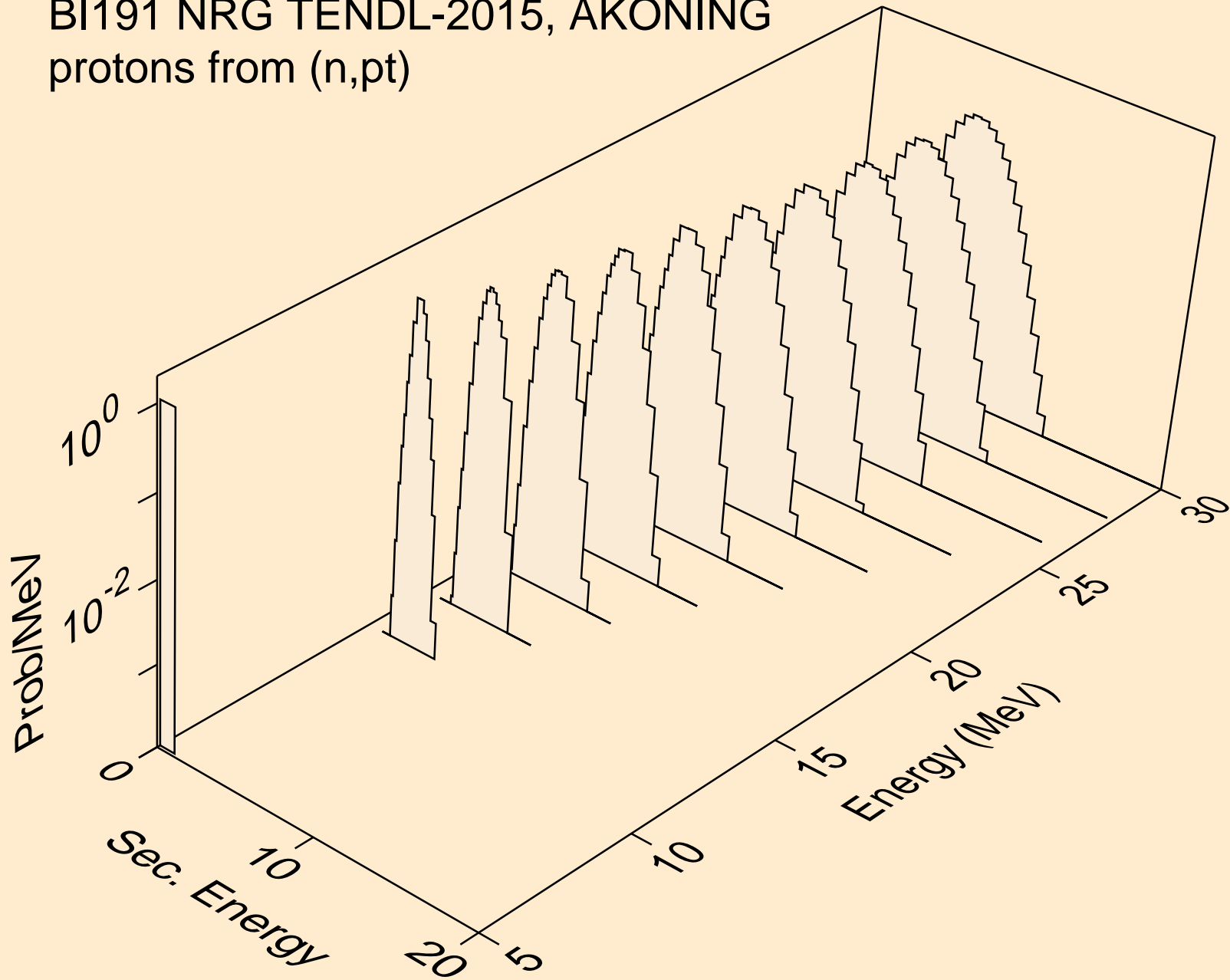




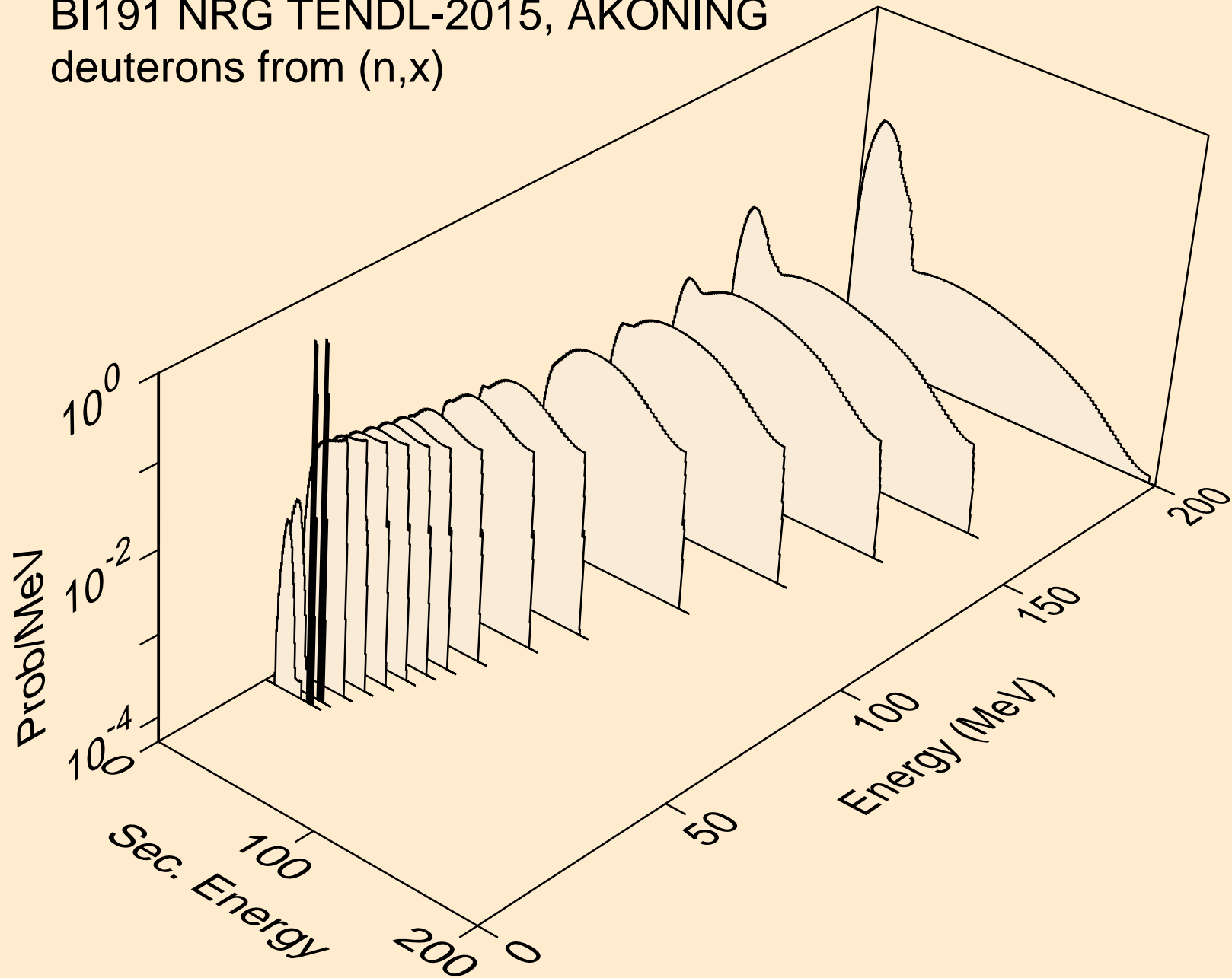
BI191 NRG TENDL-2015, AKONING  
protons from (n,pd)



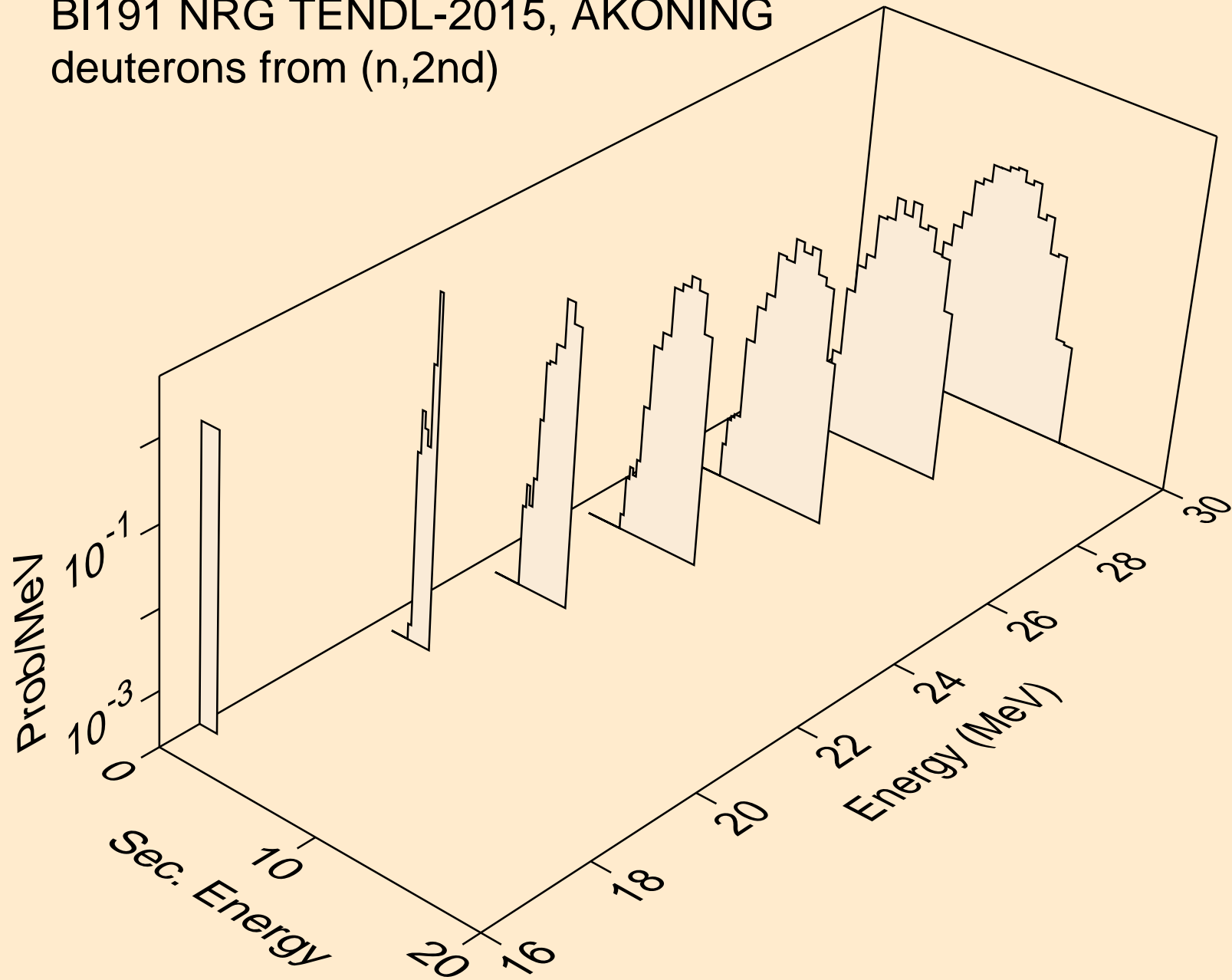
BI191 NRG TENDL-2015, AKONING  
protons from (n,pt)



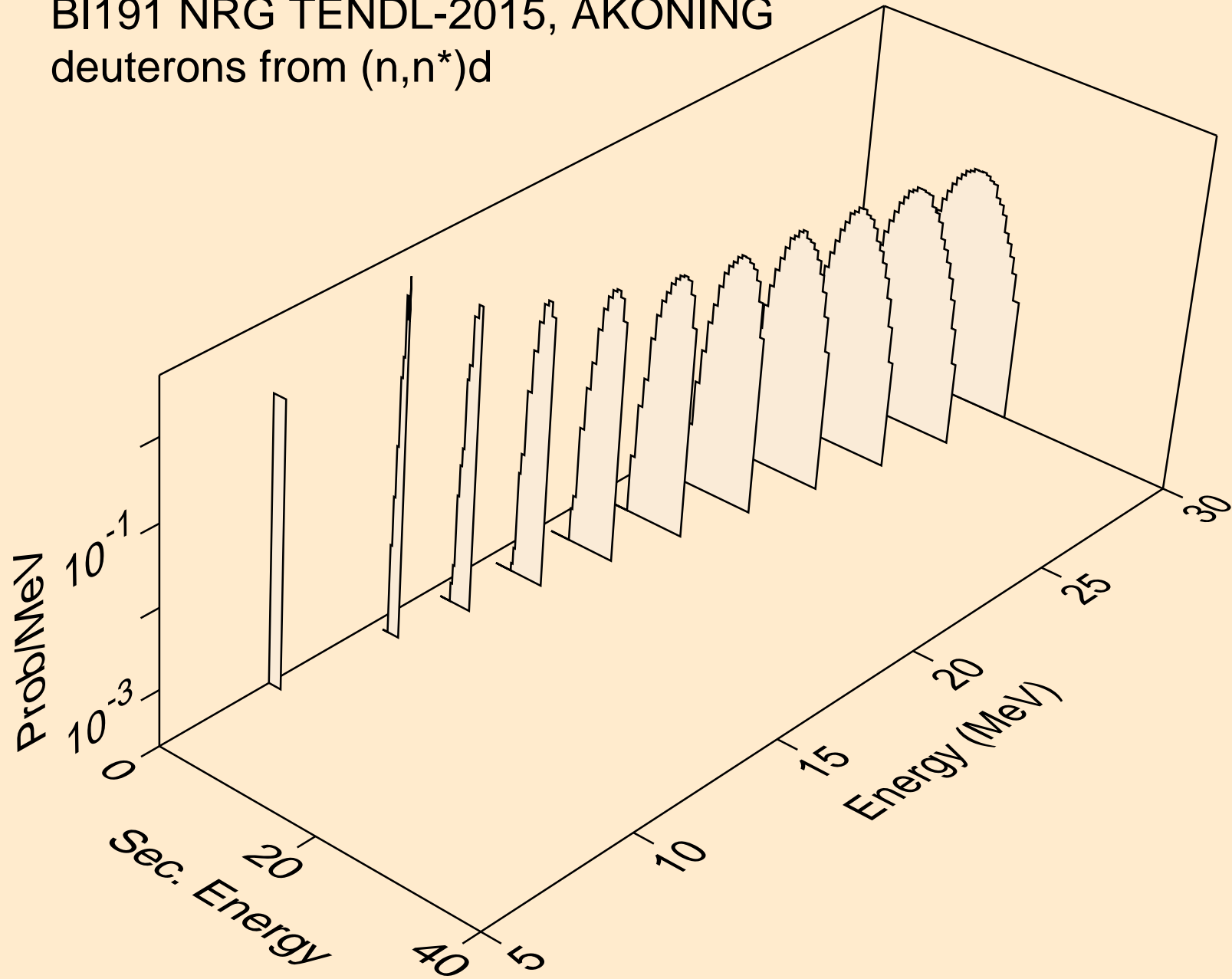
BI191 NRG TENDL-2015, AKONING  
deuterons from (n,x)



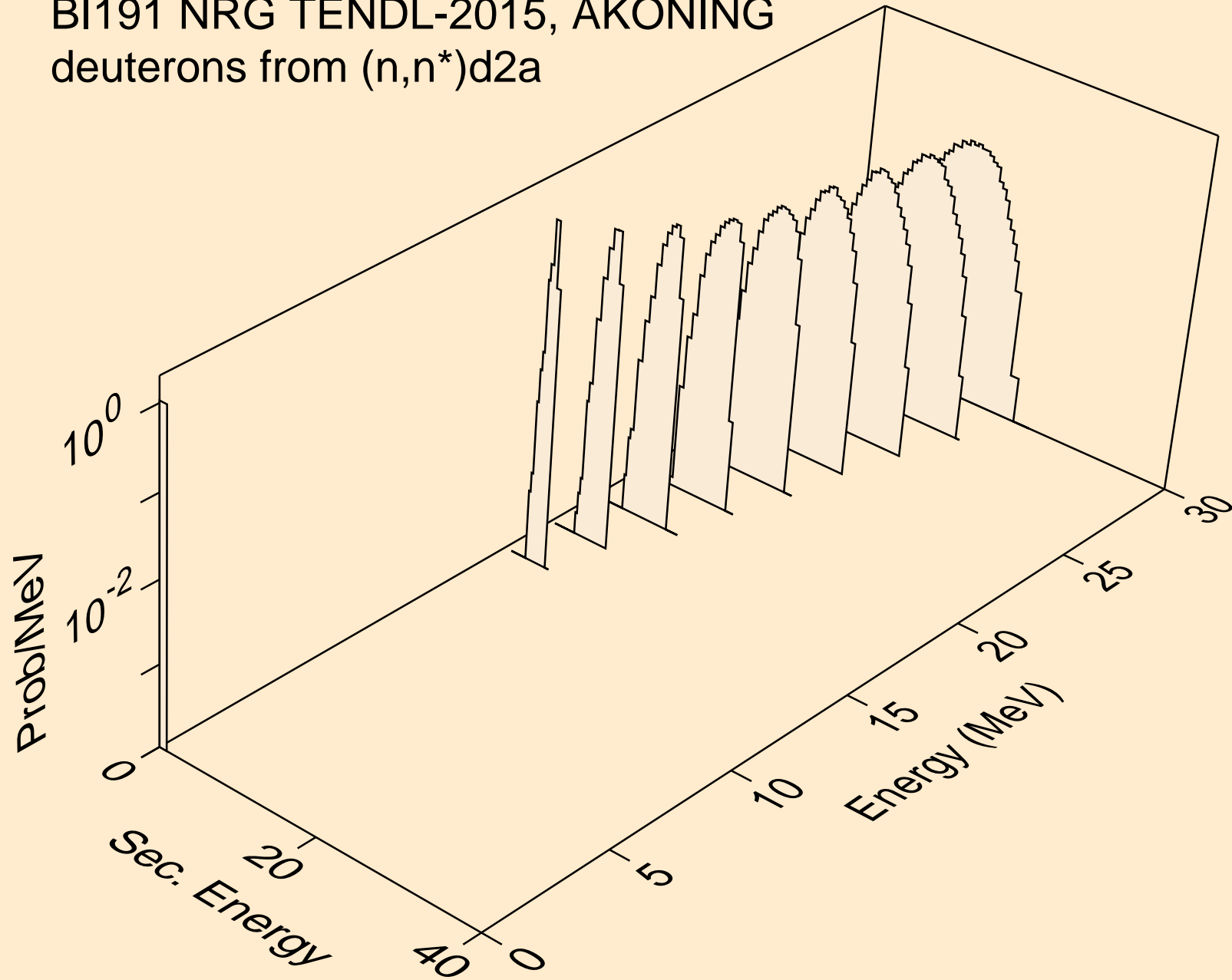
BI191 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



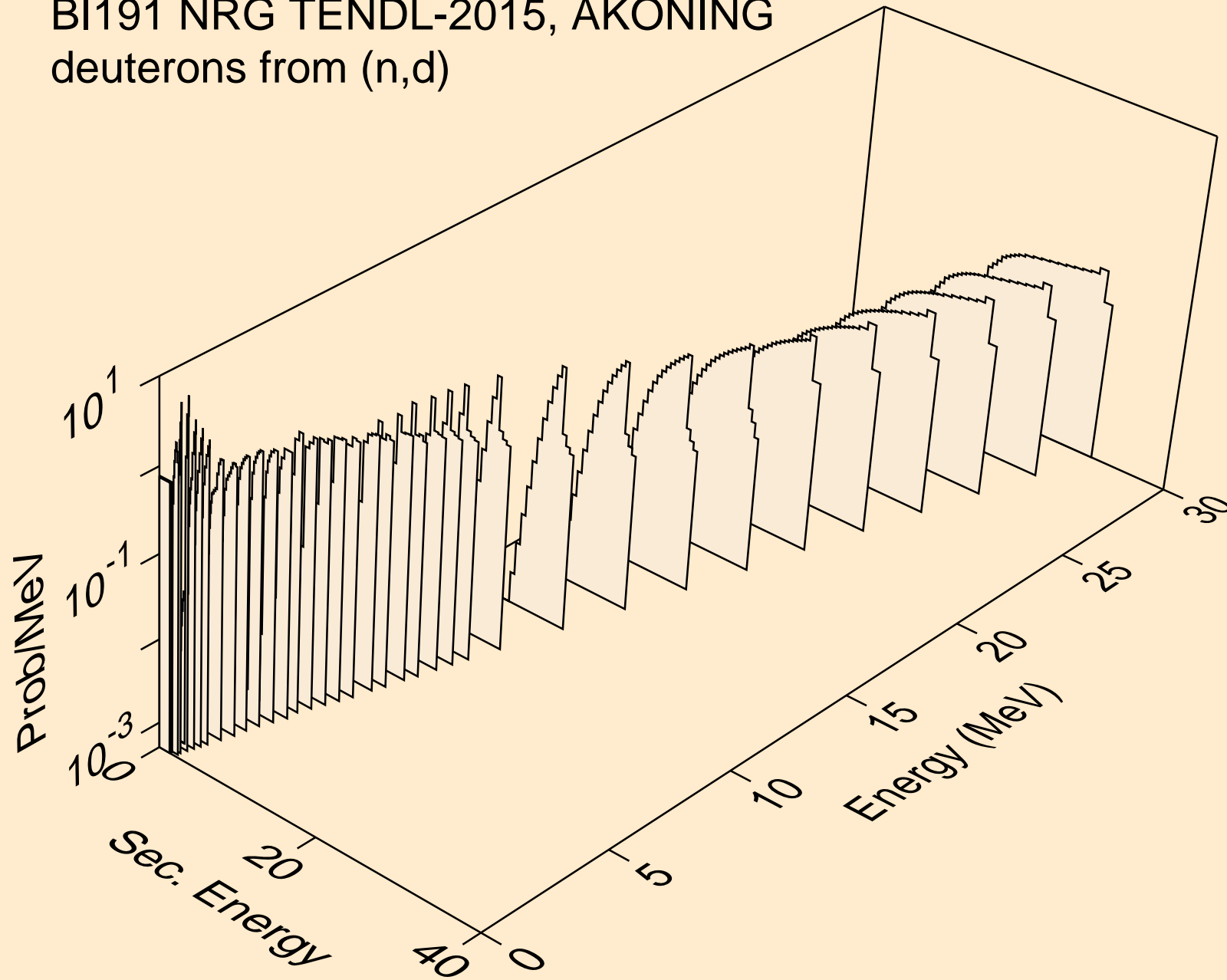
BI191 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



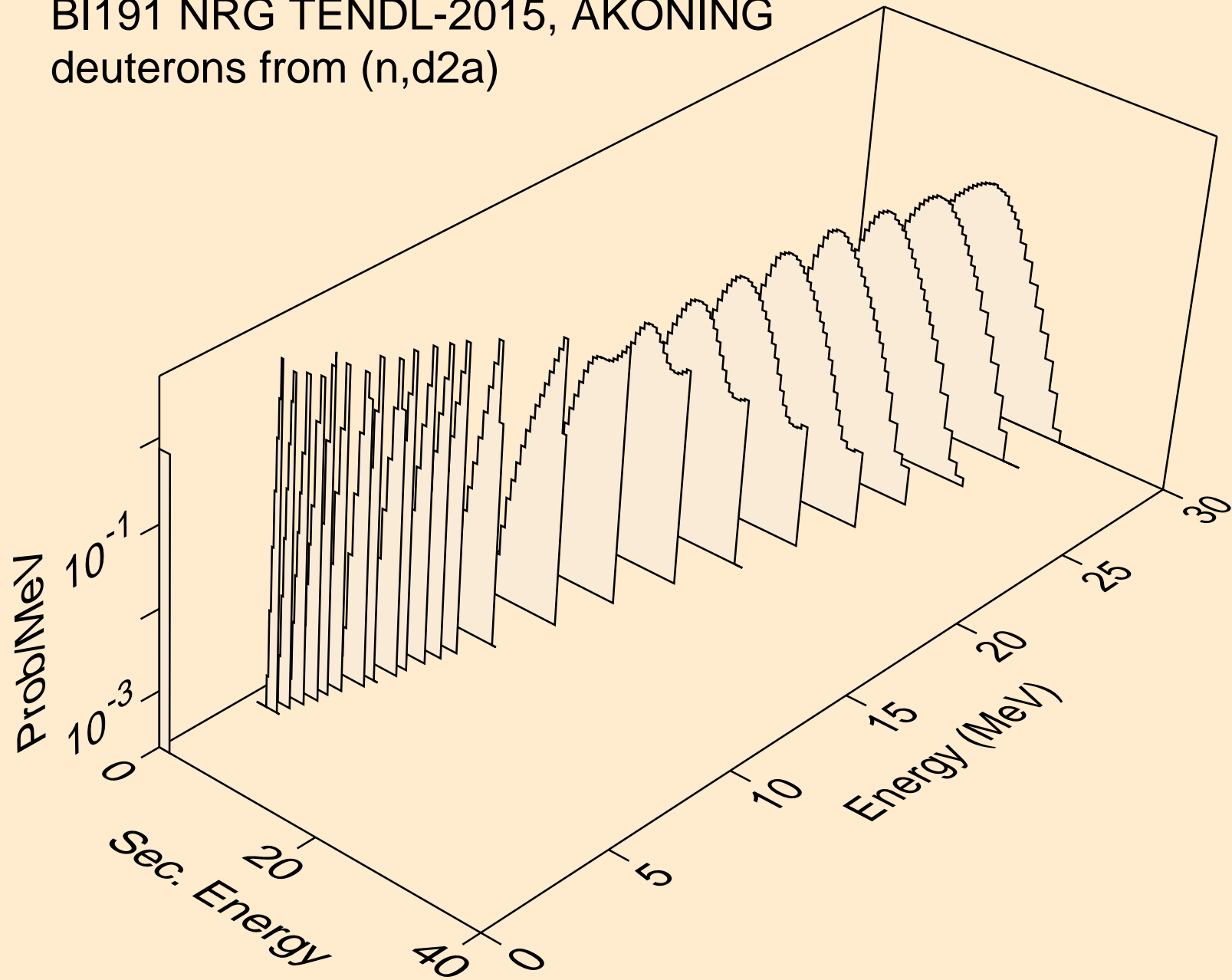
BI191 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



BI191 NRG TENDL-2015, AKONING  
deuterons from (n,d)

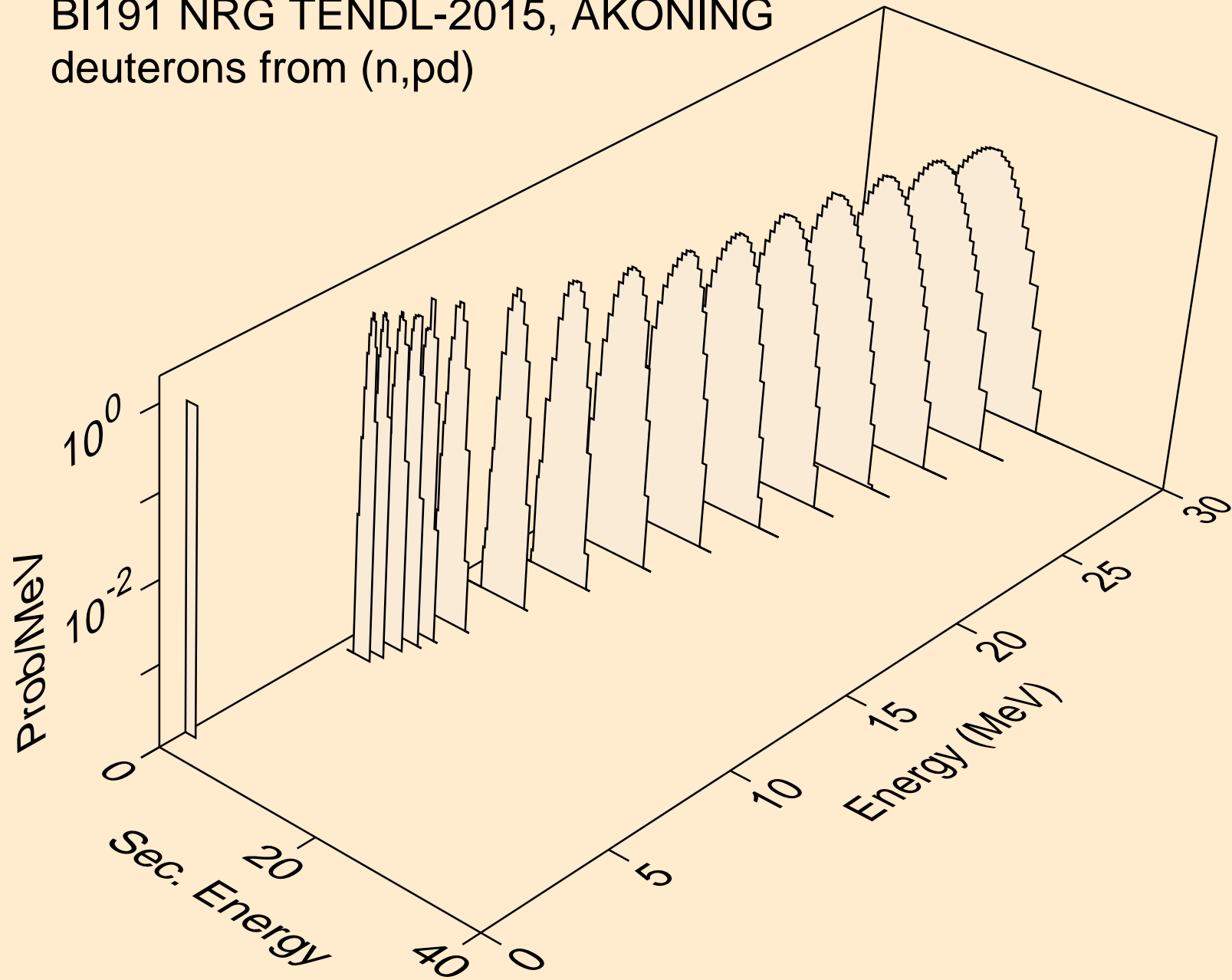


BI191 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

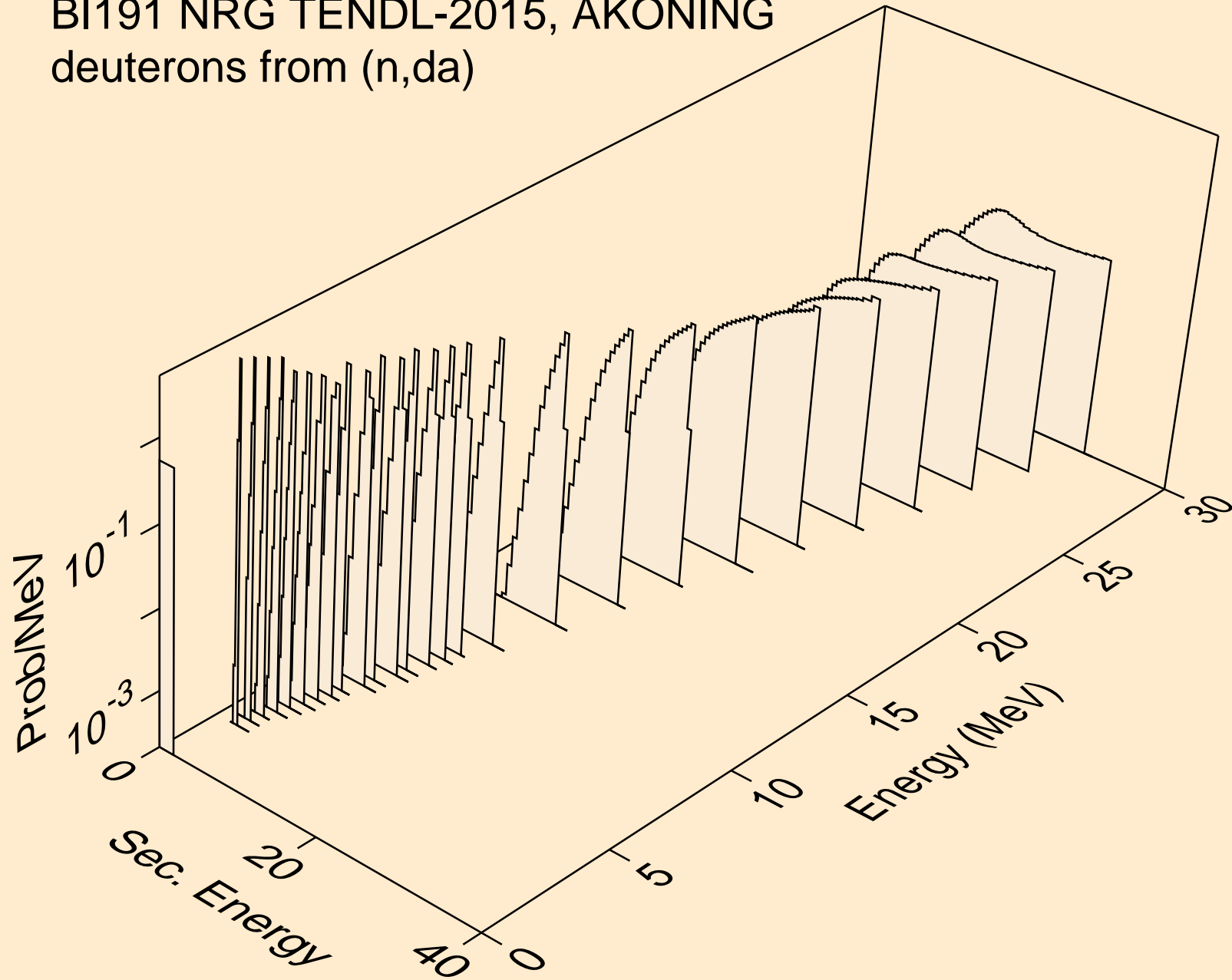




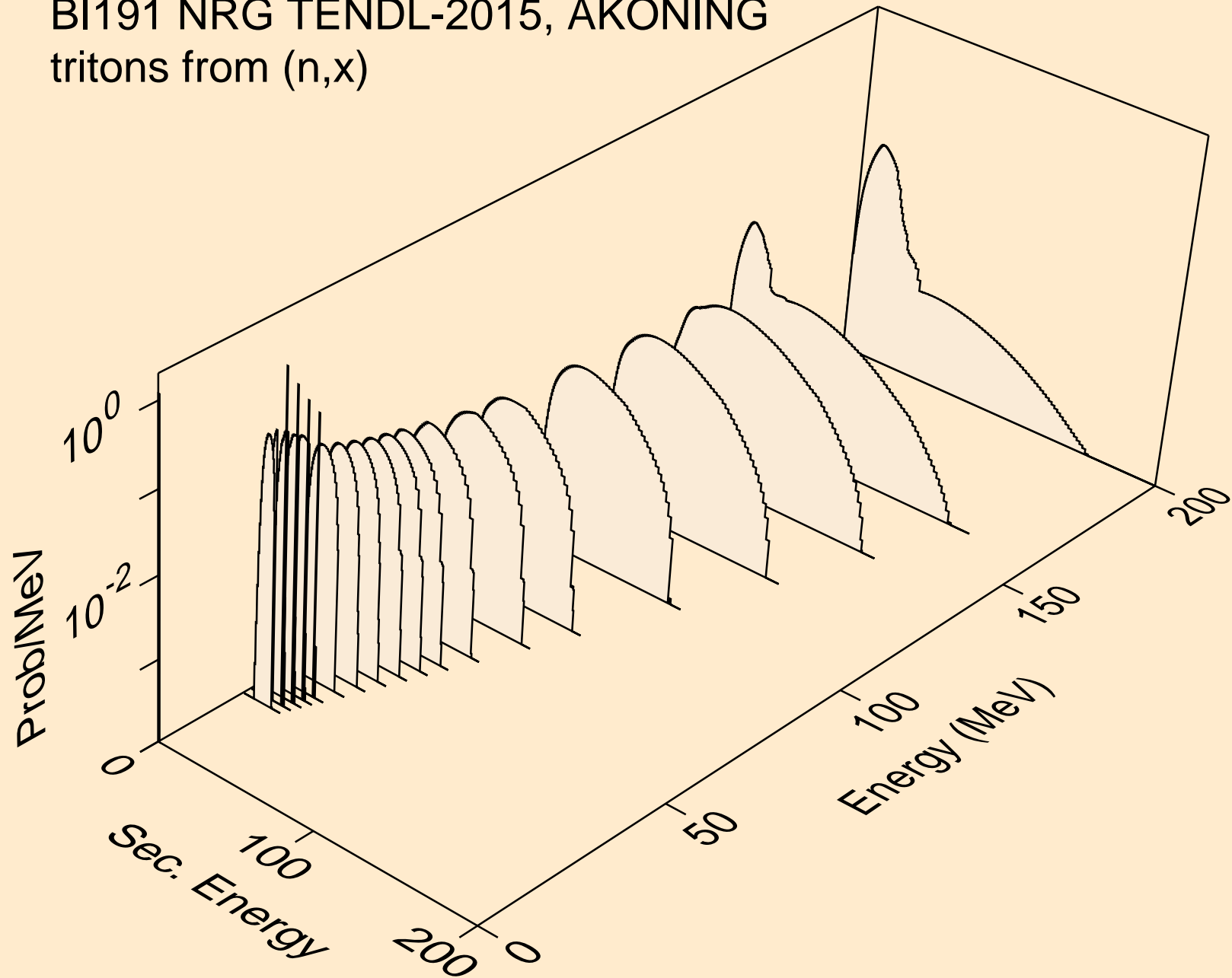
BI191 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



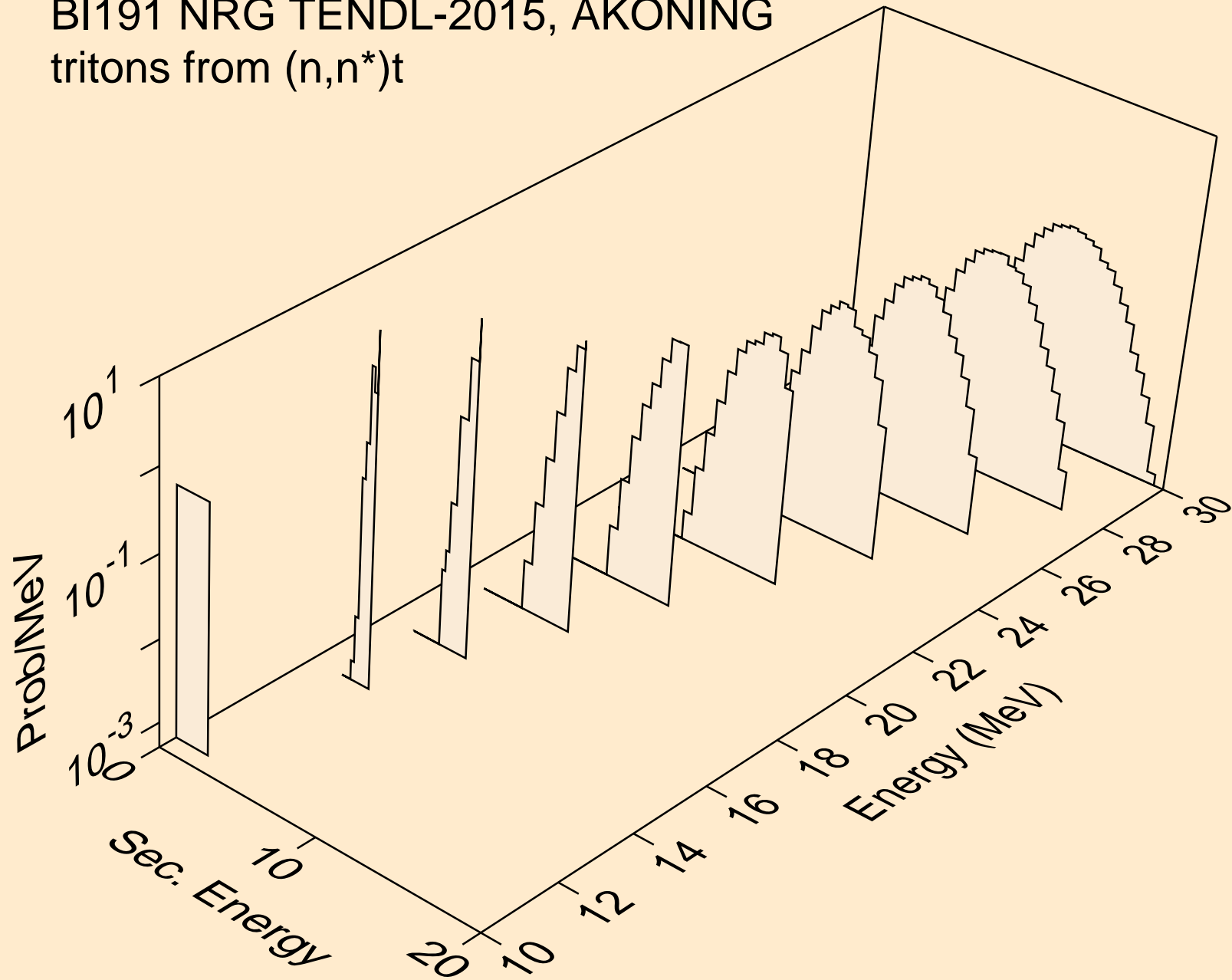
BI191 NRG TENDL-2015, AKONING  
deuterons from (n,da)



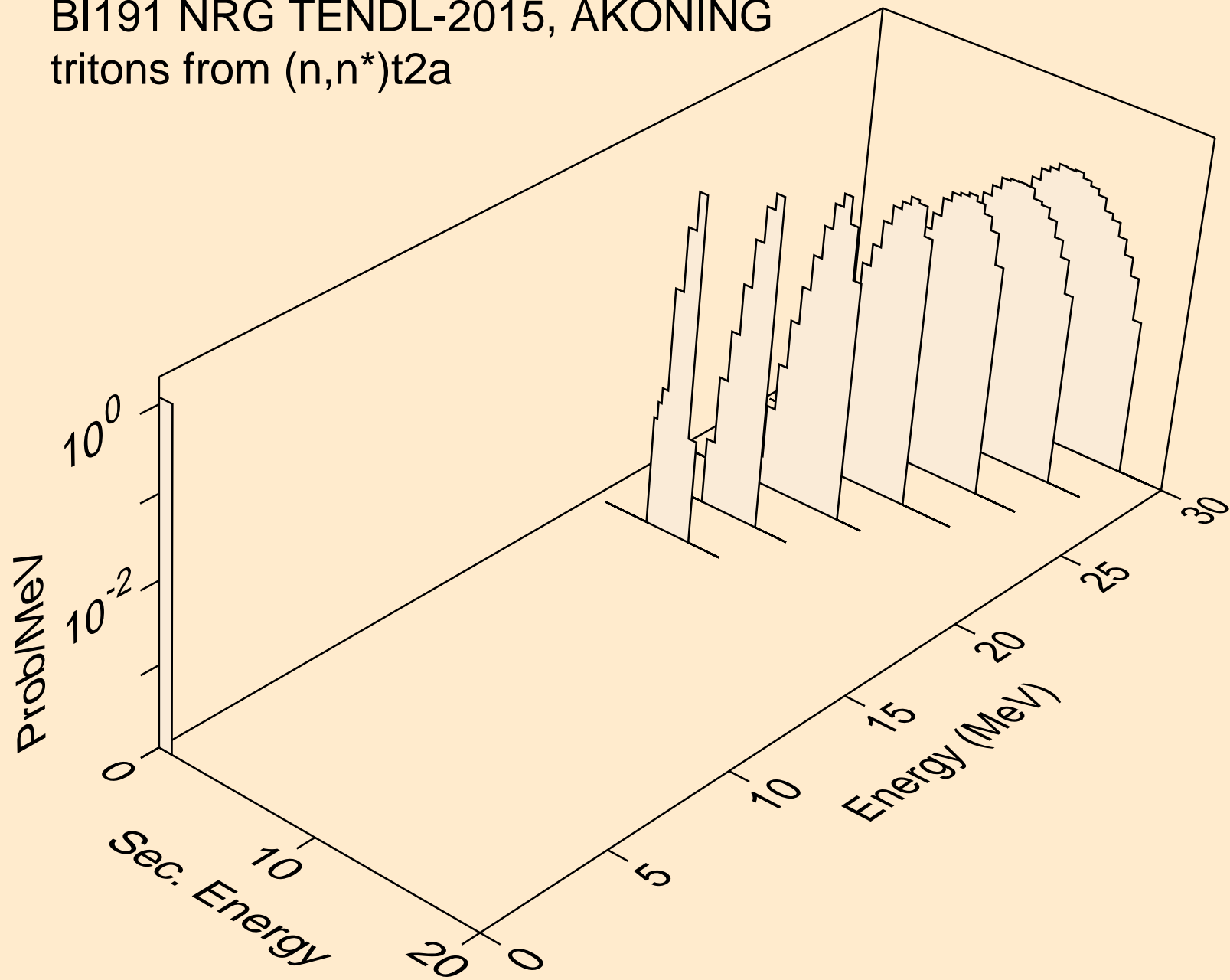
BI191 NRG TENDL-2015, AKONING  
tritons from (n,x)



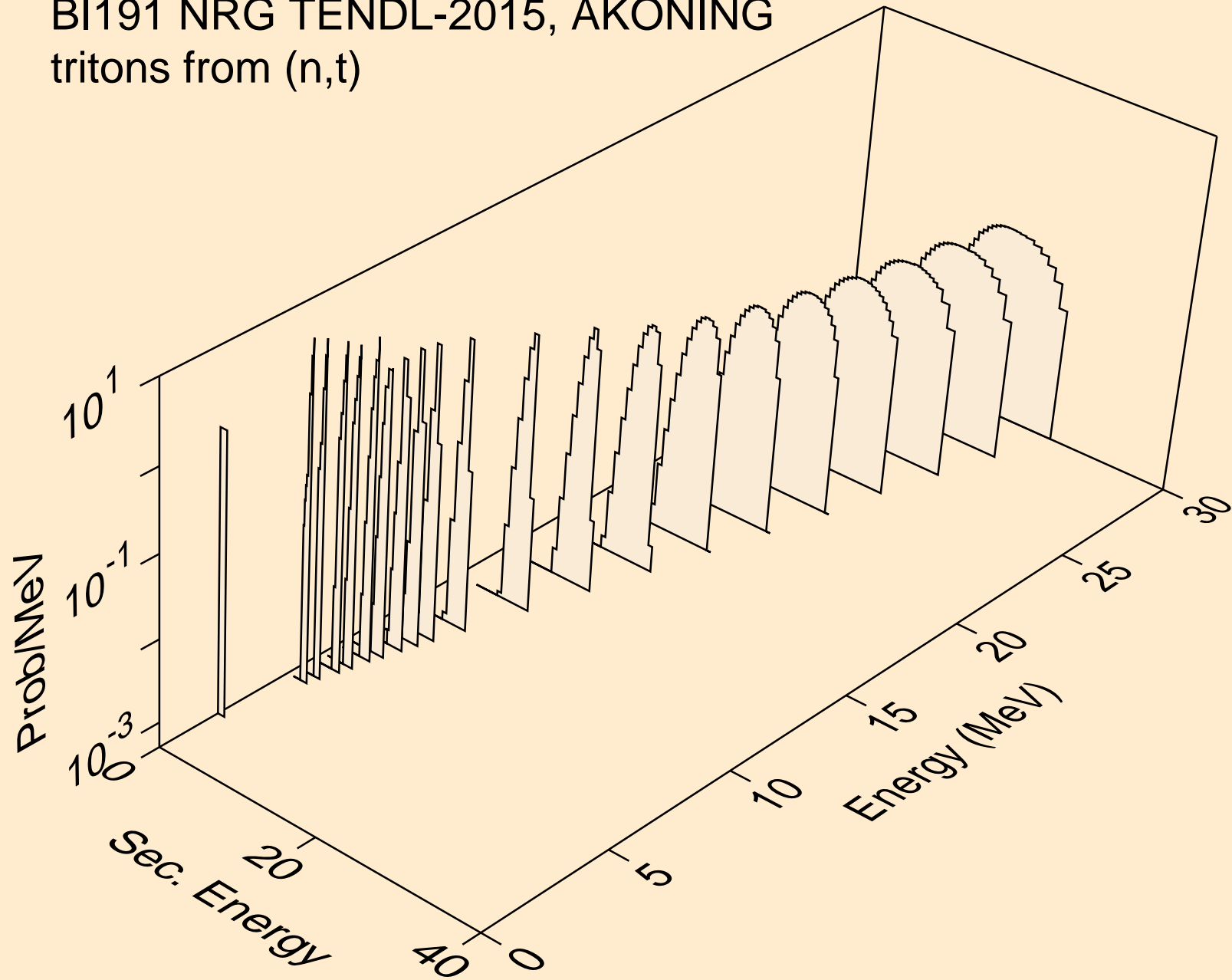
BI191 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



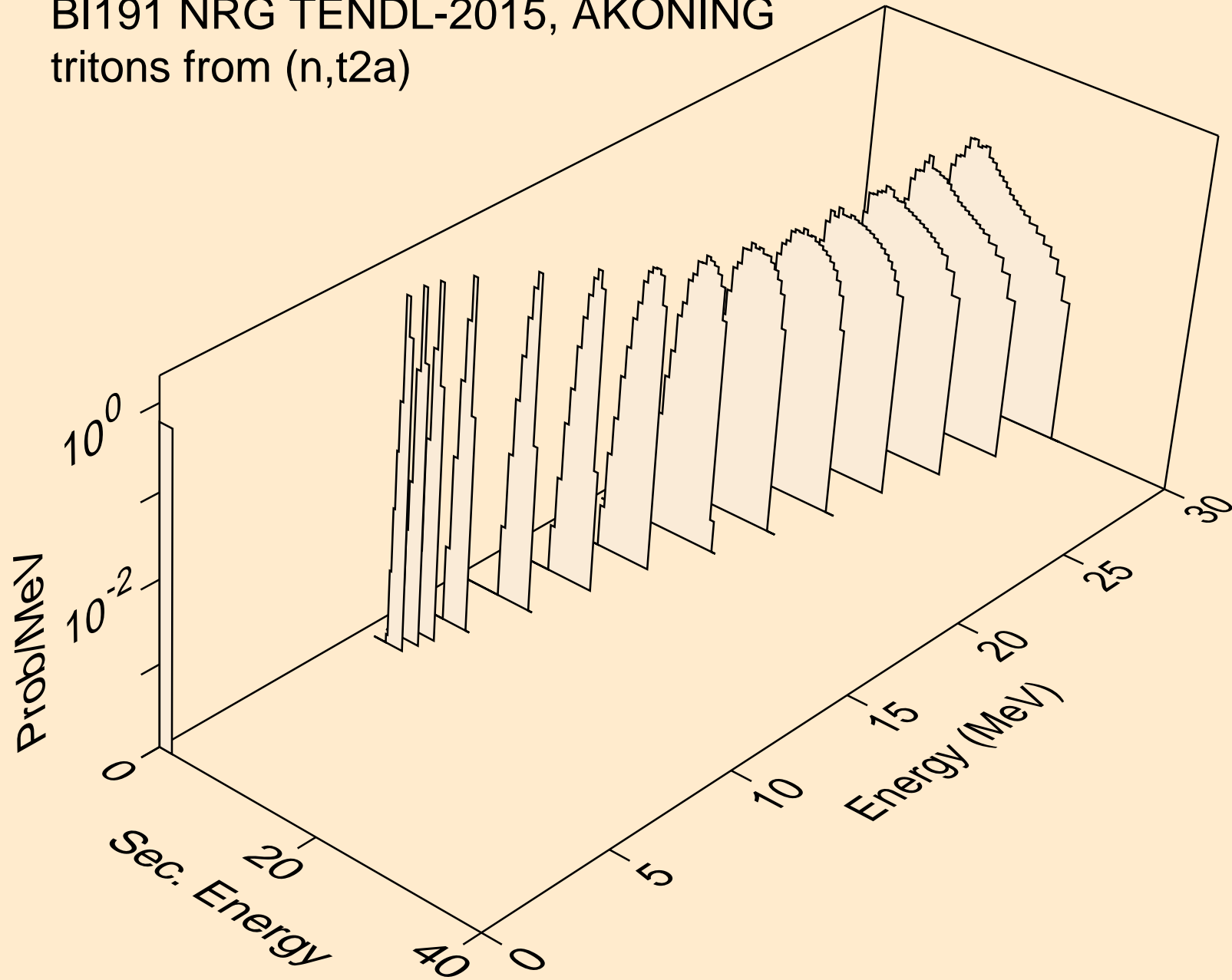
BI191 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



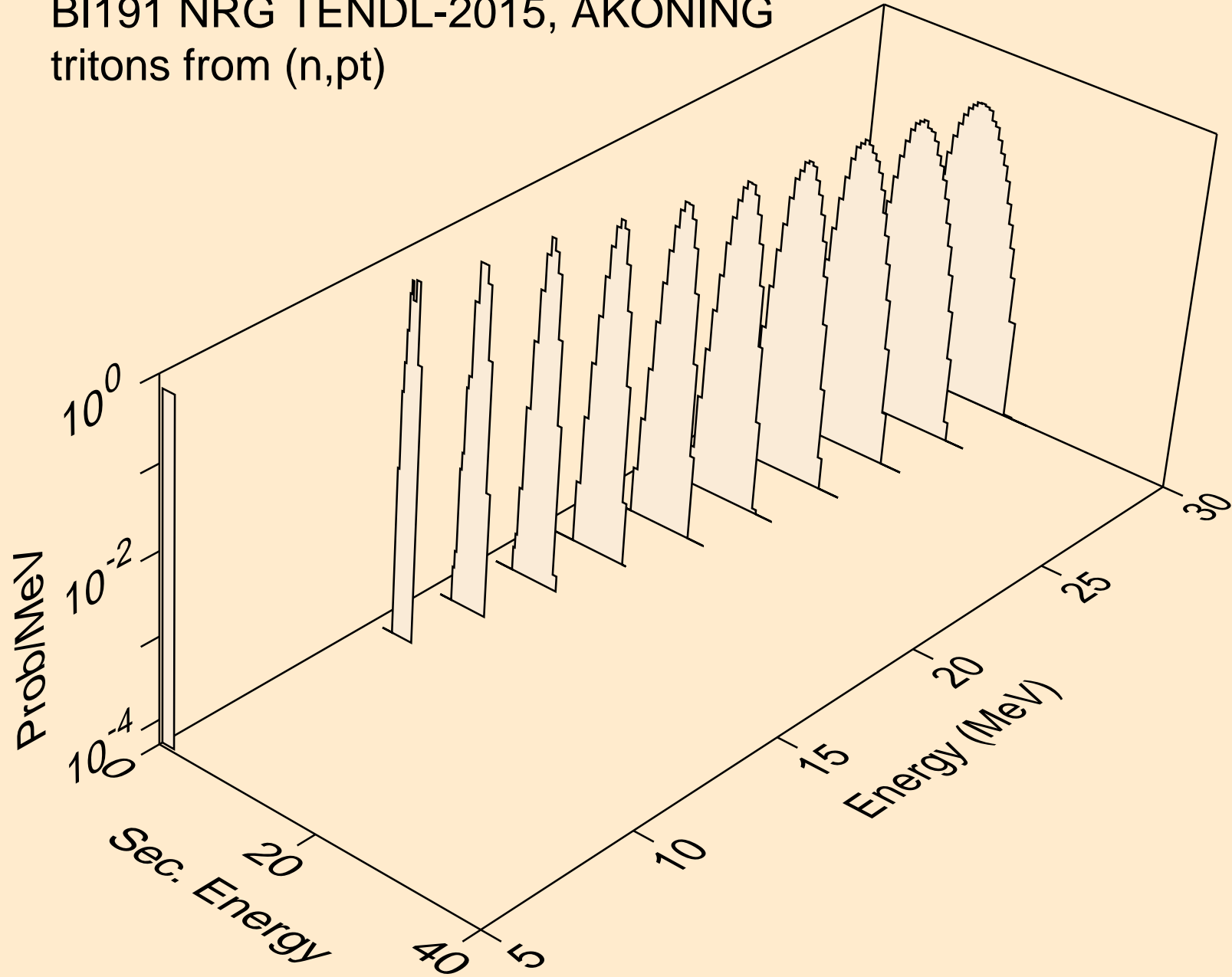
BI191 NRG TENDL-2015, AKONING  
tritons from (n,t)



BI191 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

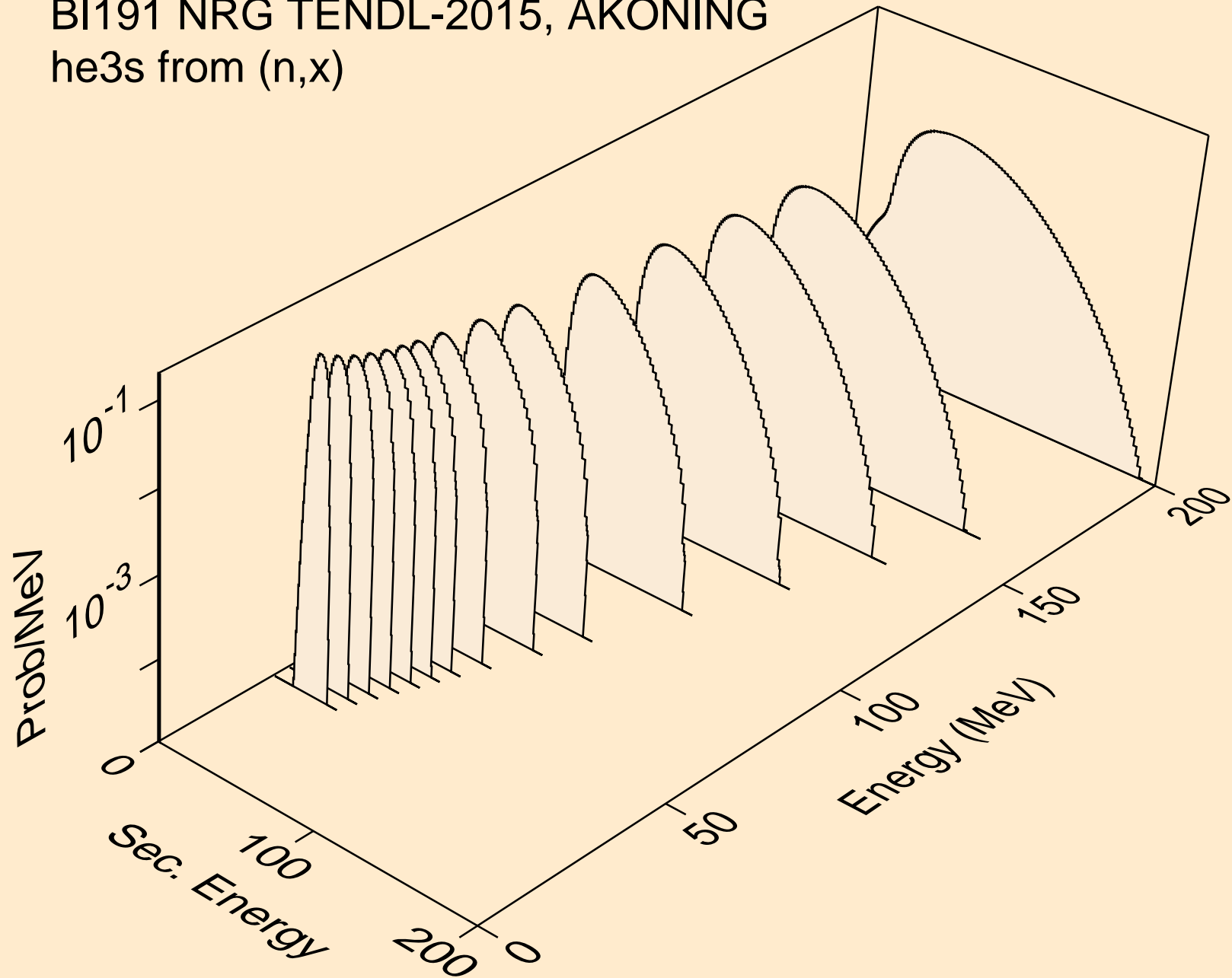


BI191 NRG TENDL-2015, AKONING  
tritons from (n,pt)

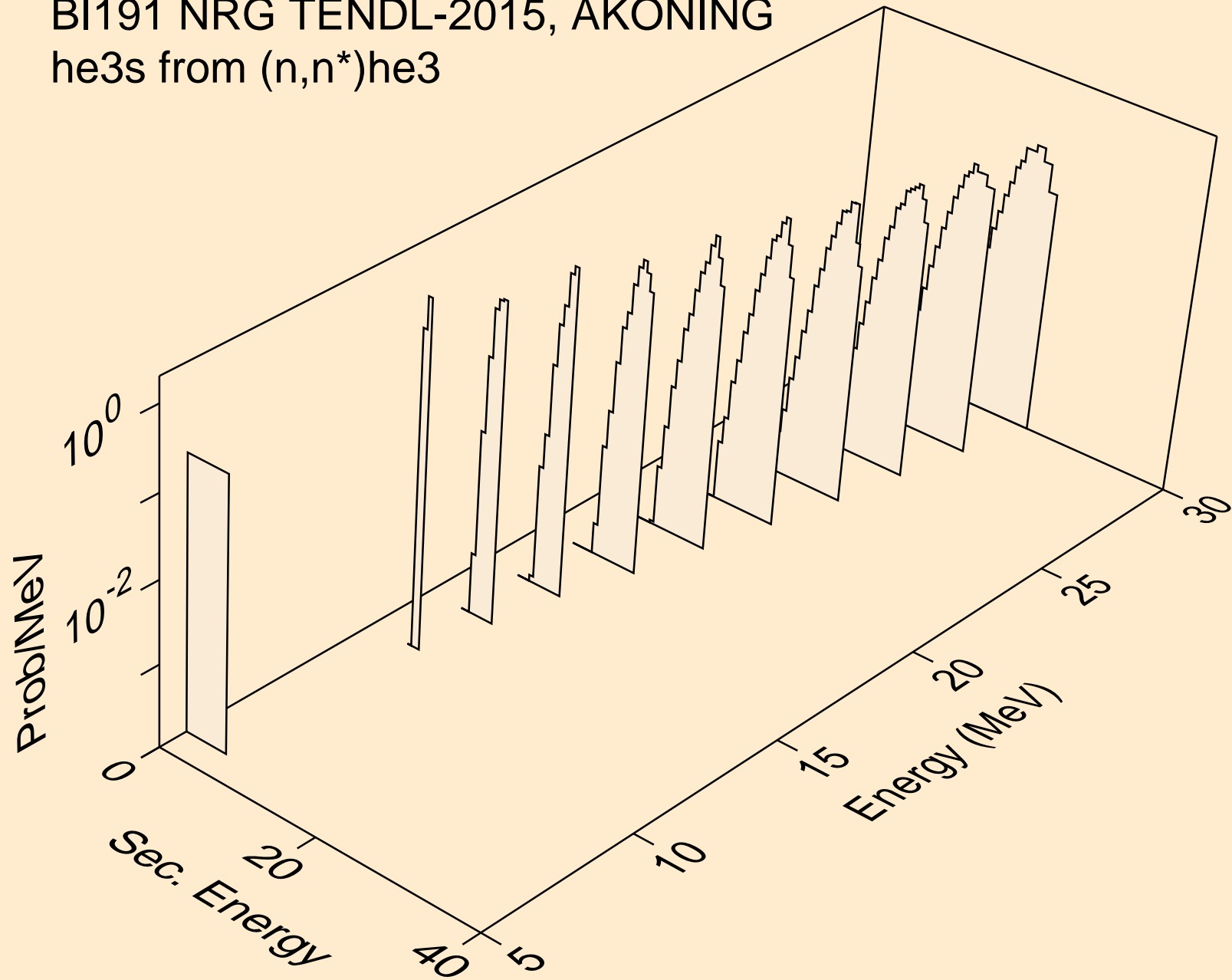




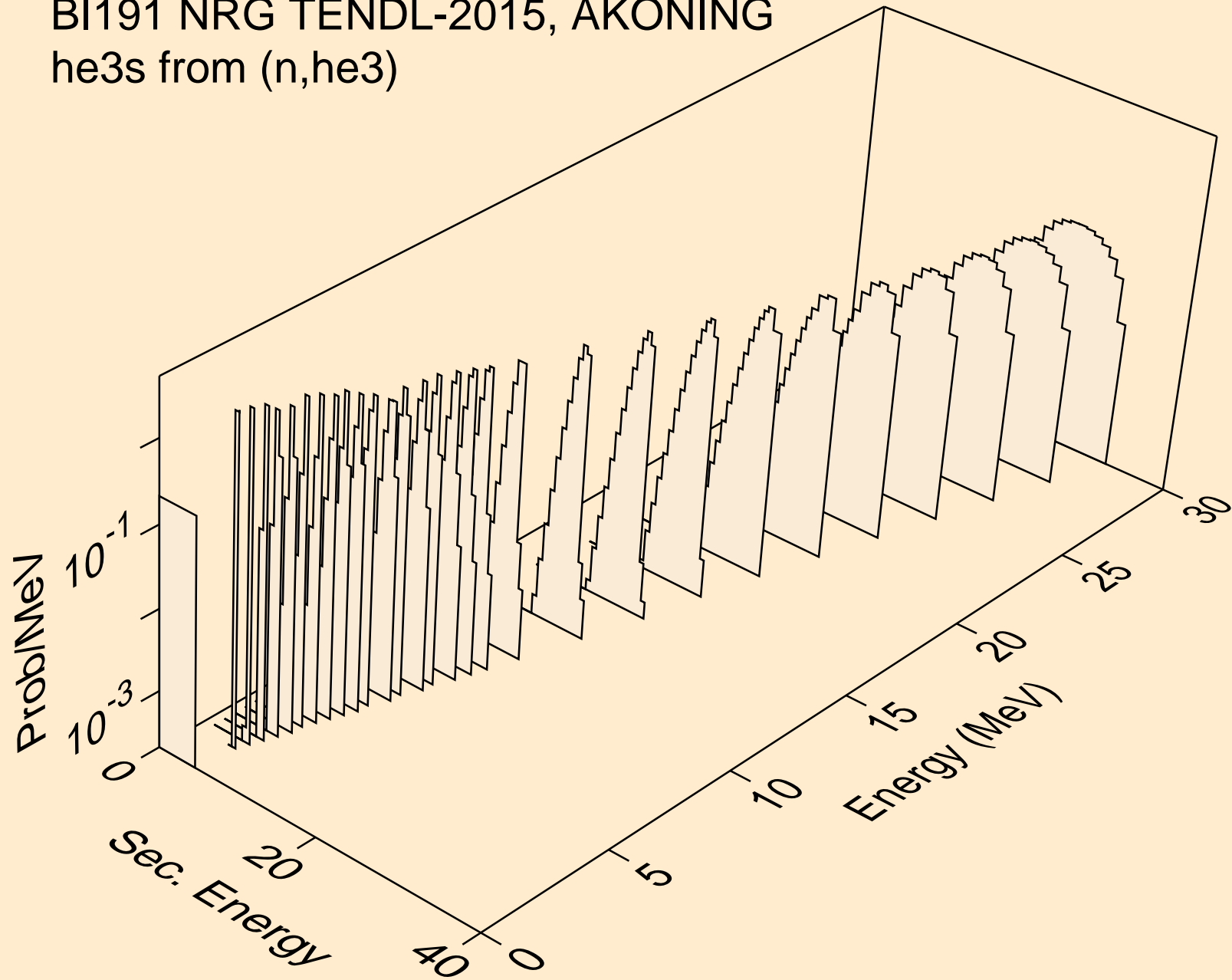
BI191 NRG TENDL-2015, AKONING  
he3s from (n,x)



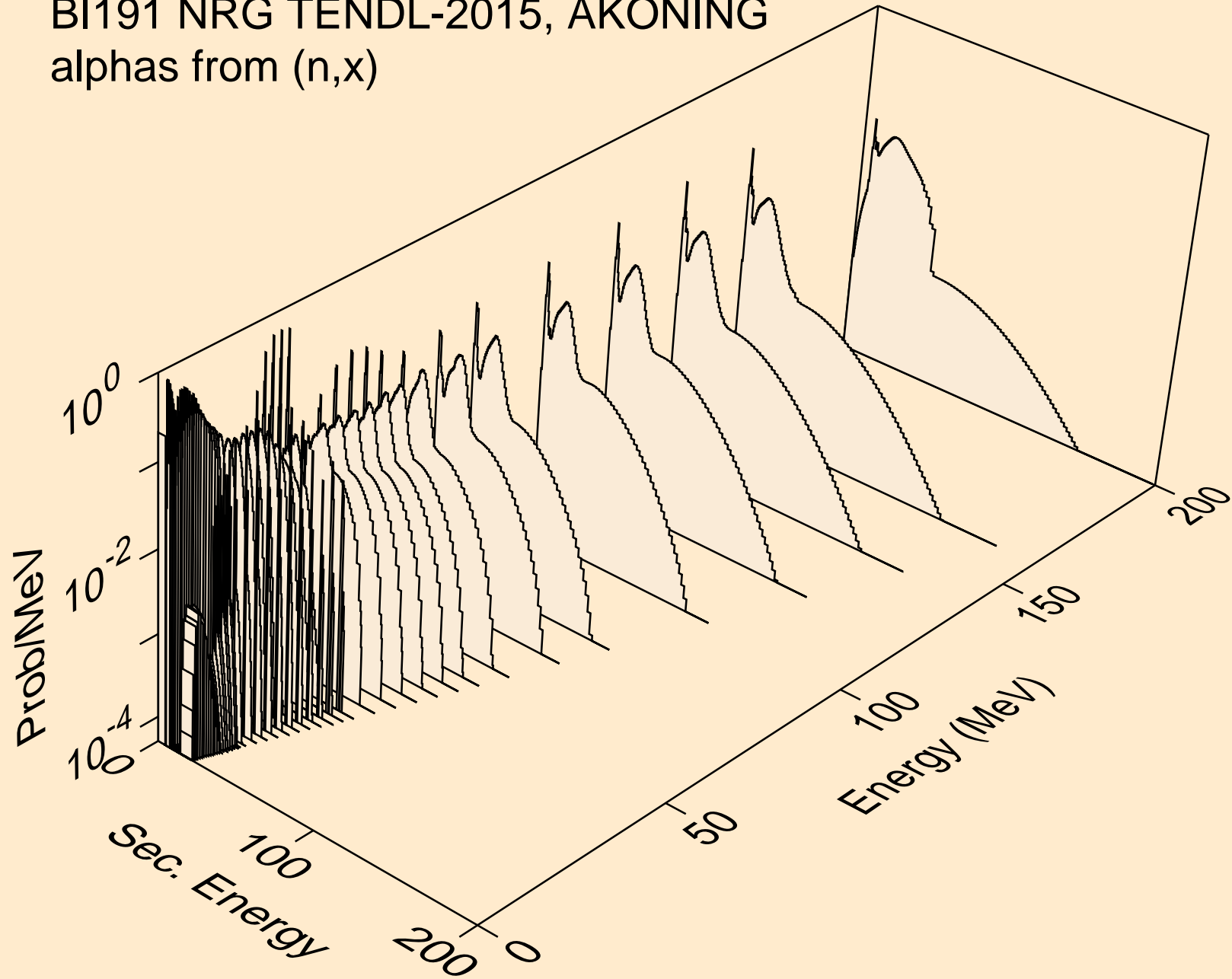
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he3s from (n,n\*)he3



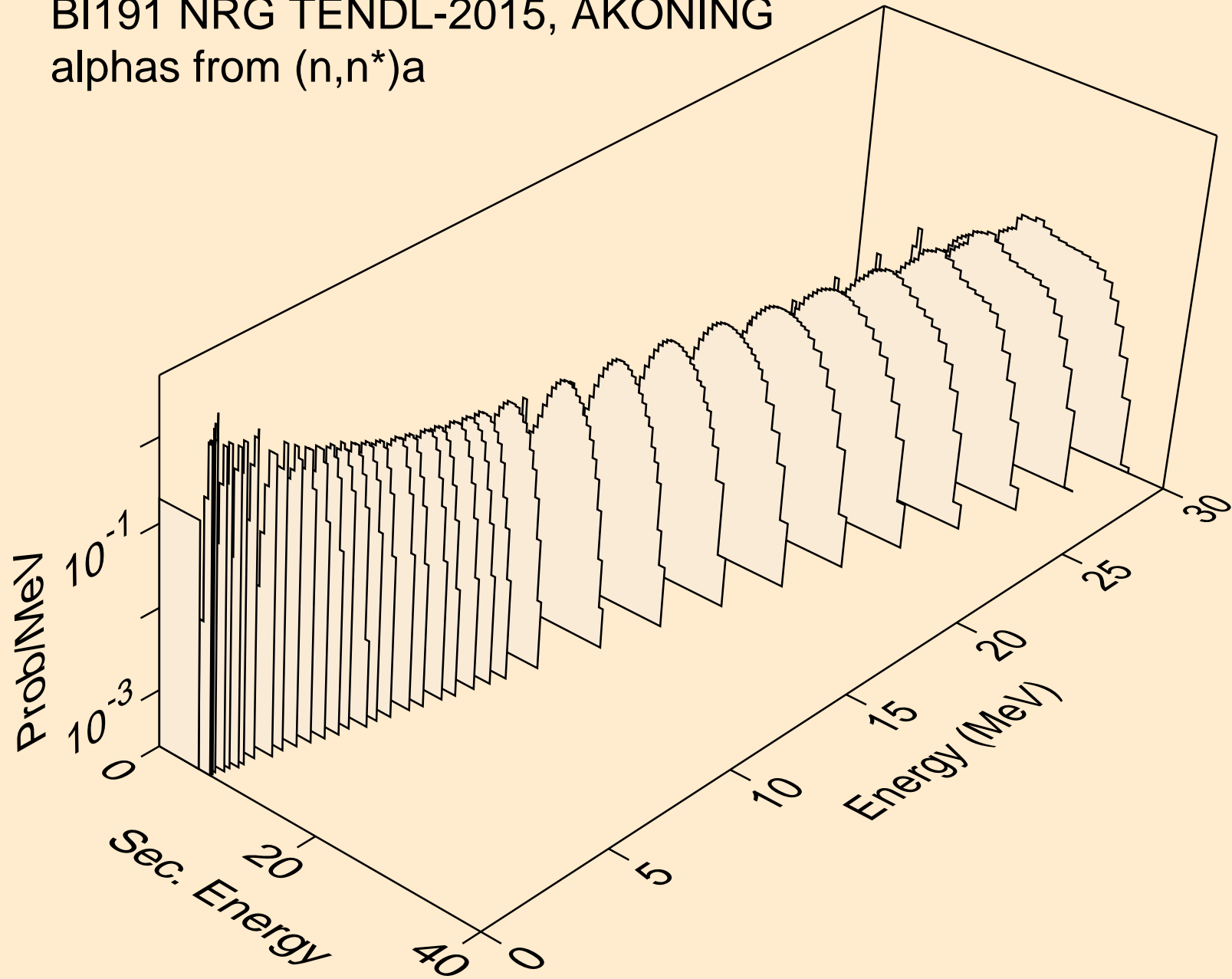
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he3s from (n,he3)



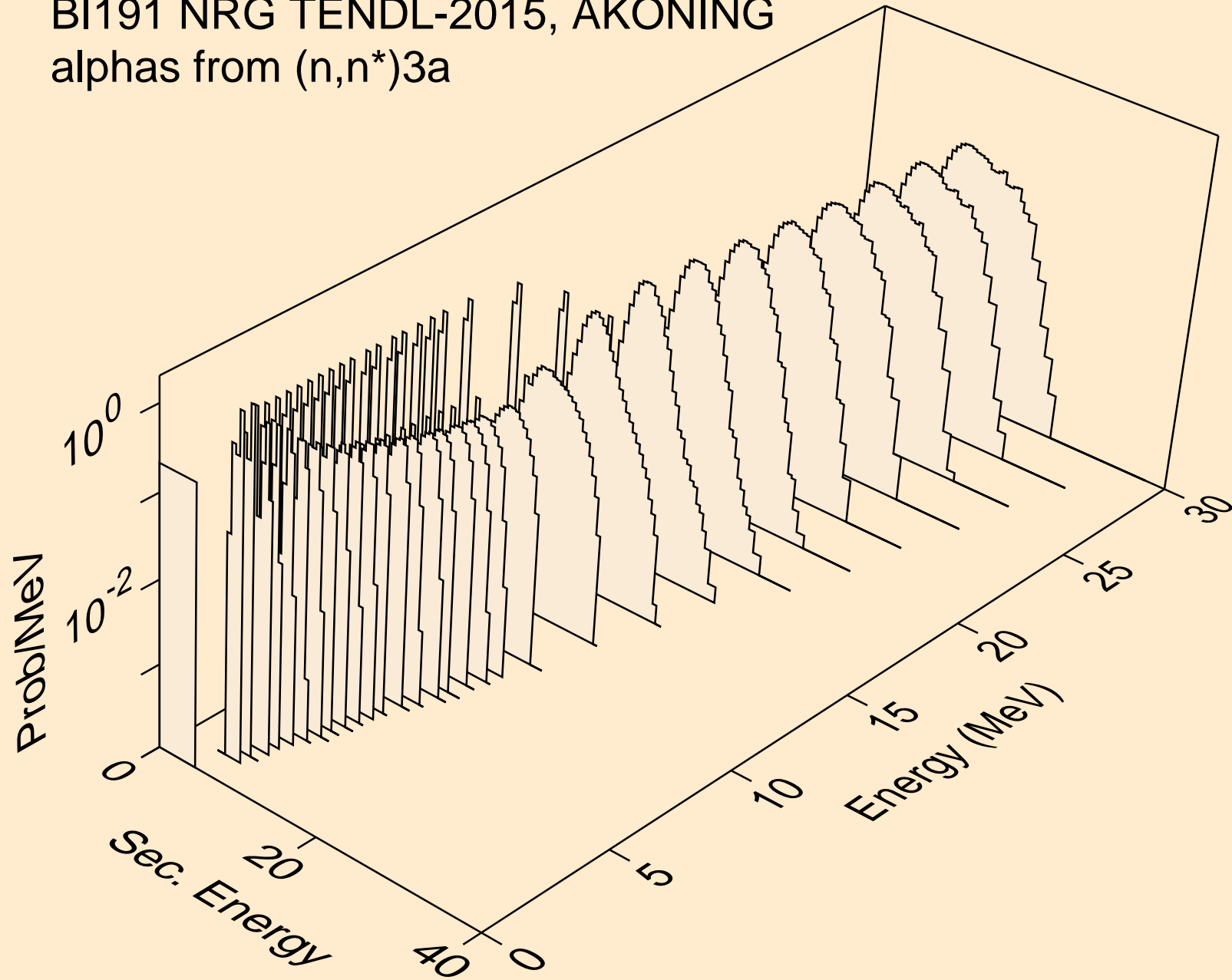
BI191 NRG TENDL-2015, AKONING  
alphas from (n,x)



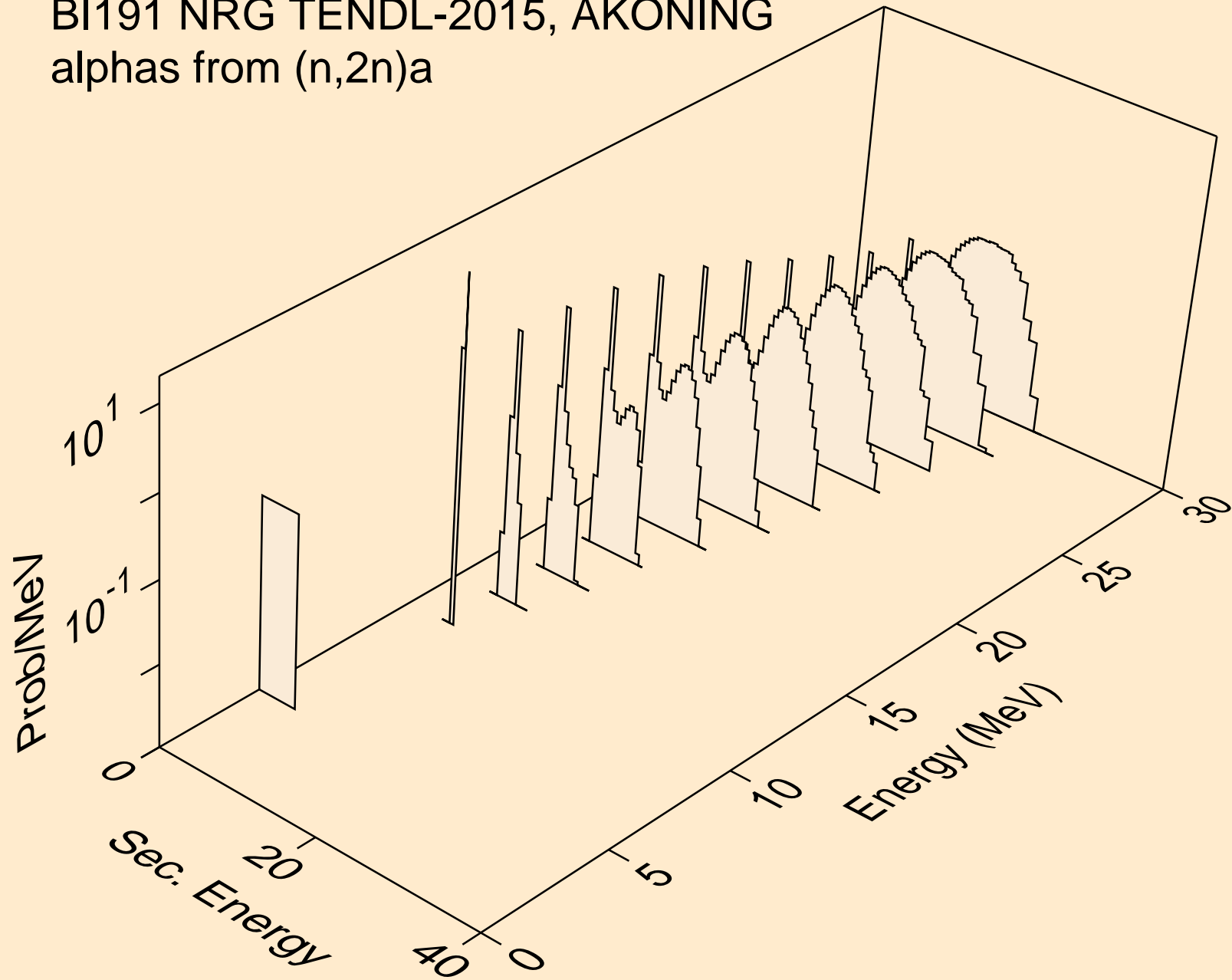
BI191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



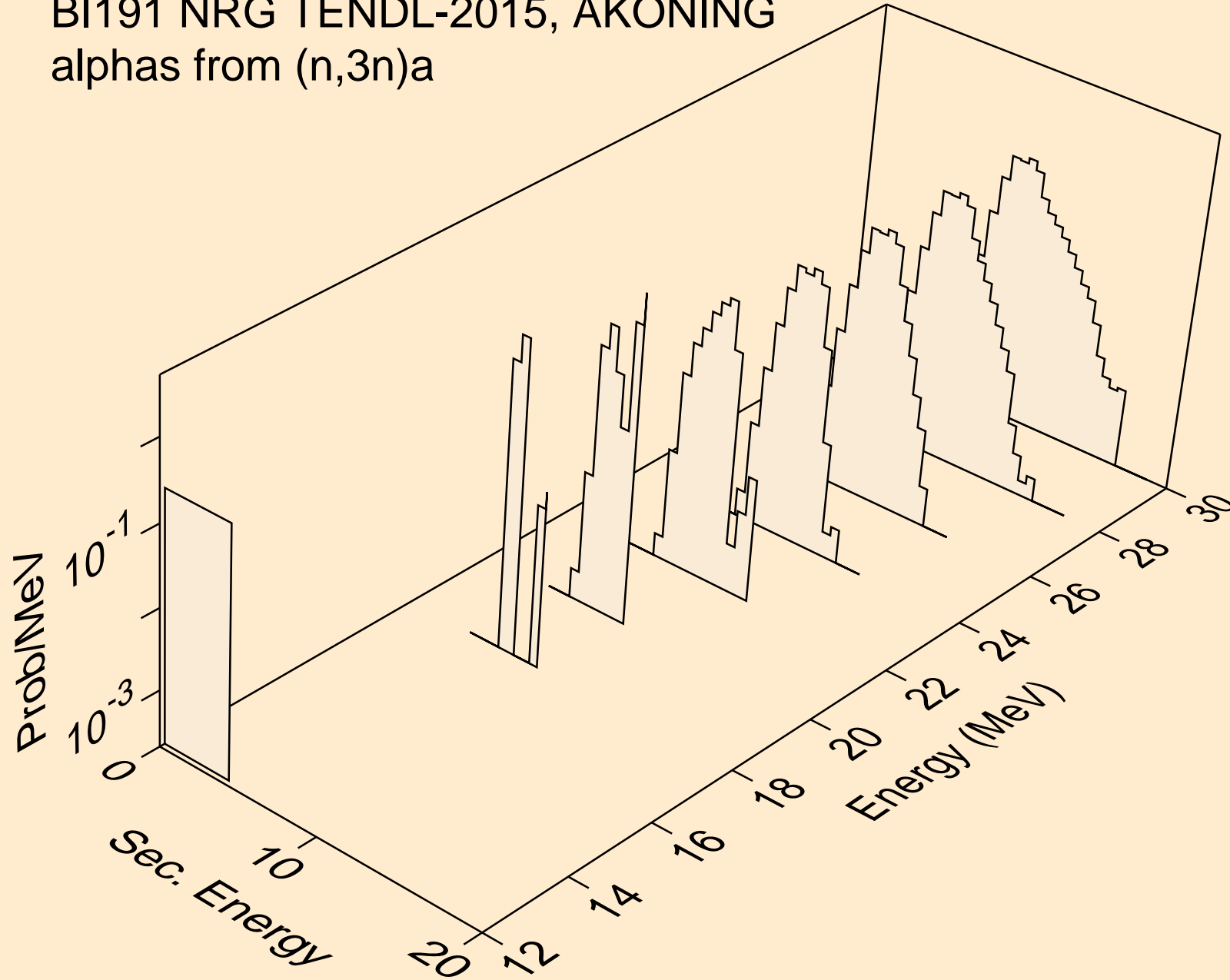
BI191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



BI191 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

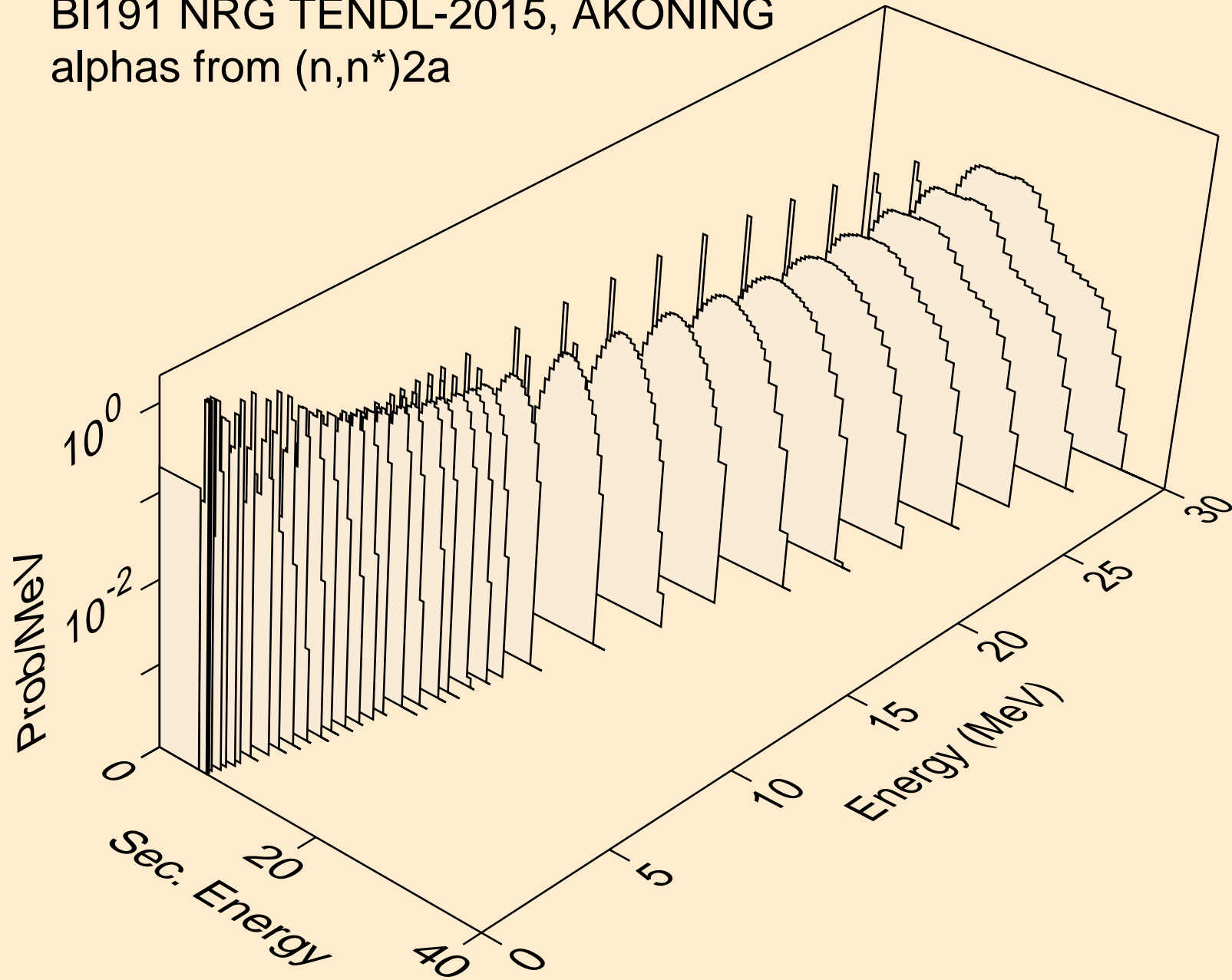


BI191 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

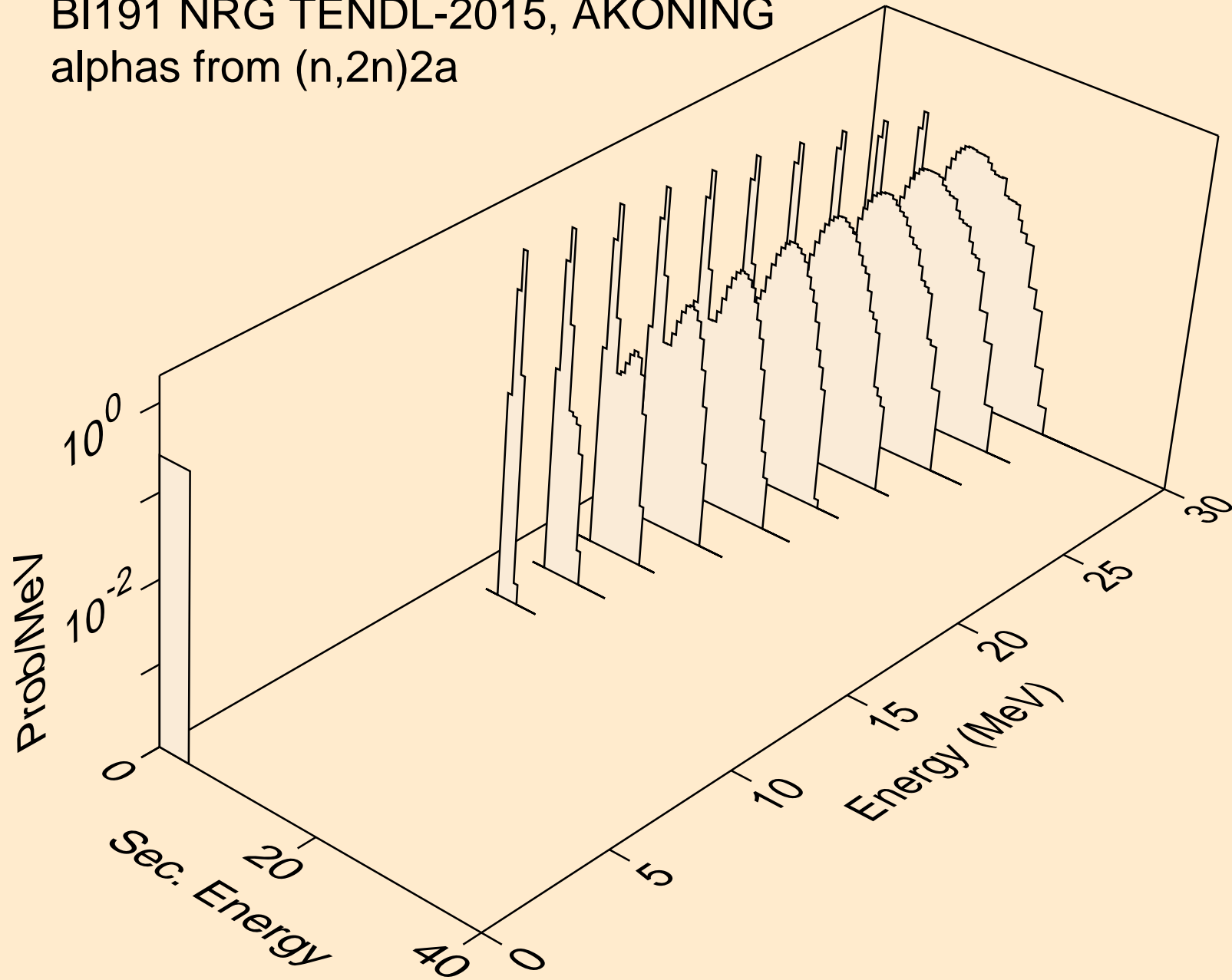




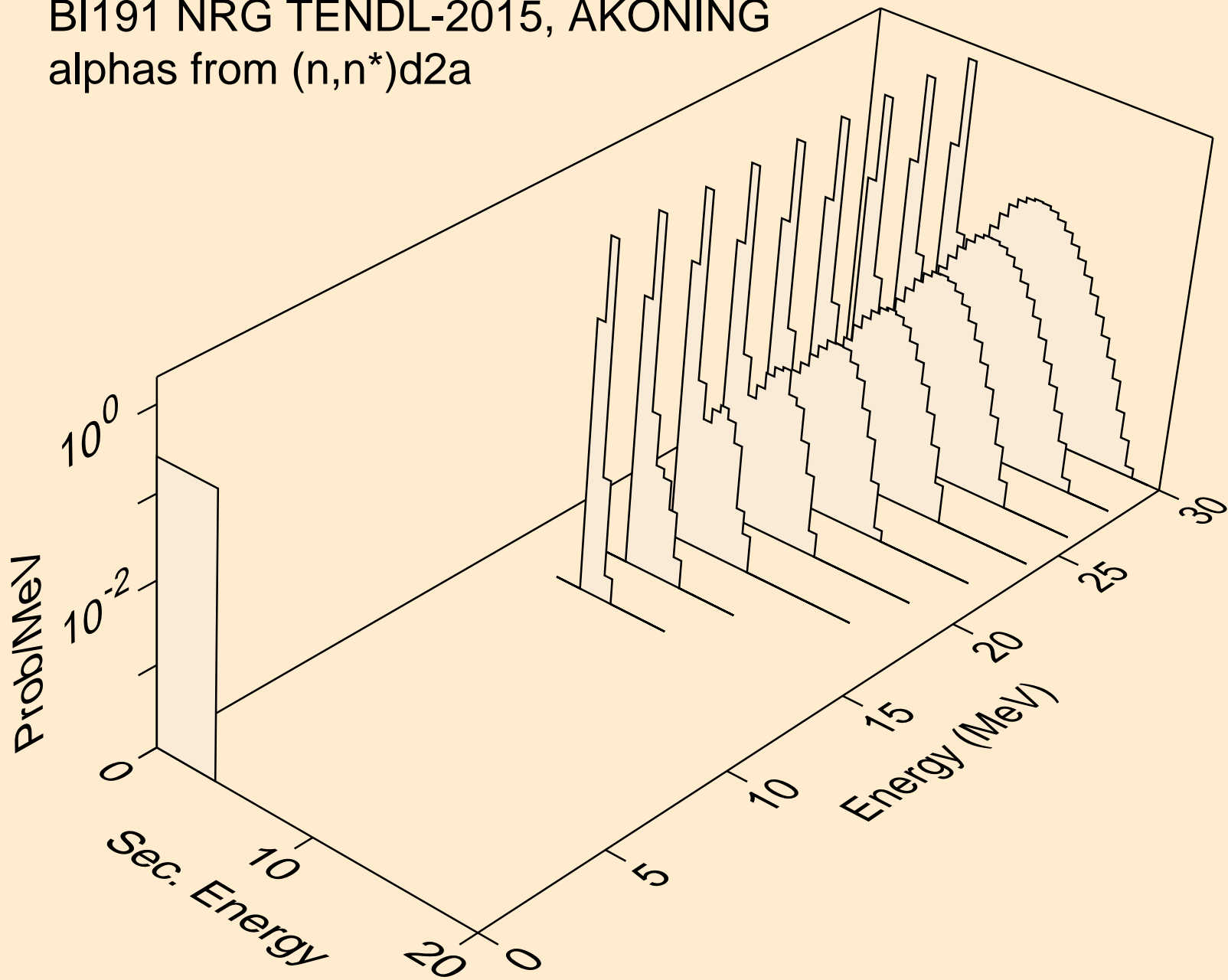
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alphas from (n,n\*)2a



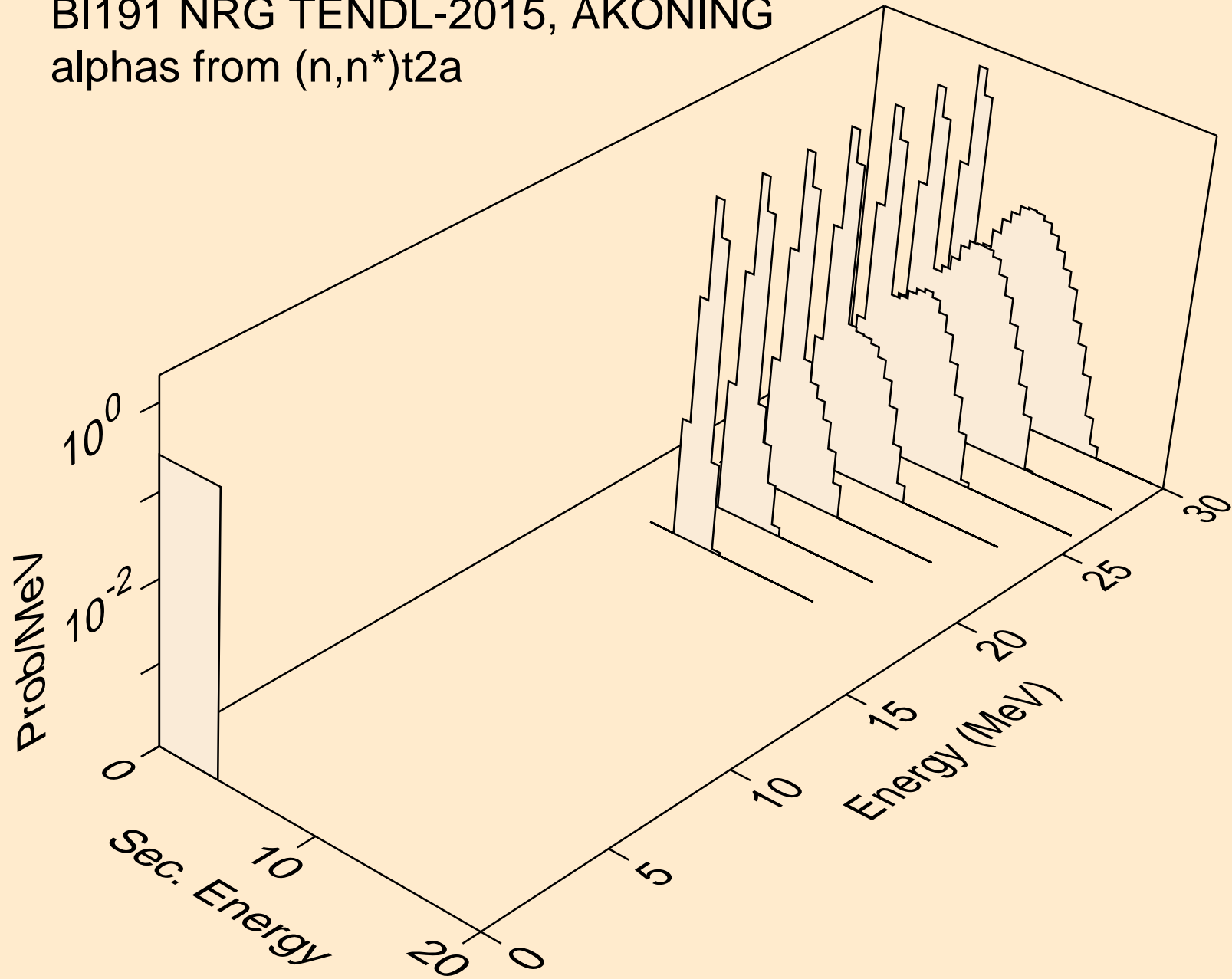
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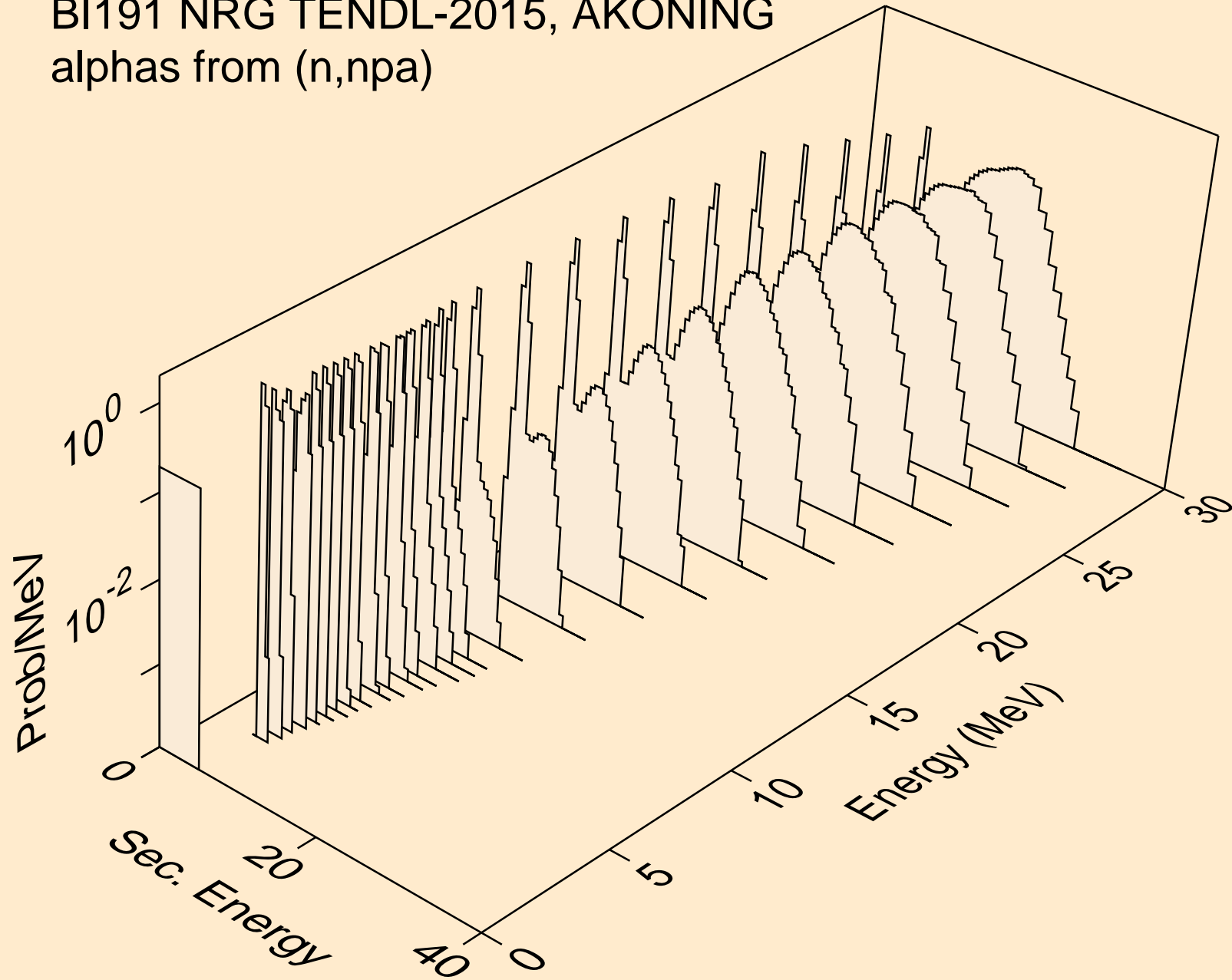
BI191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



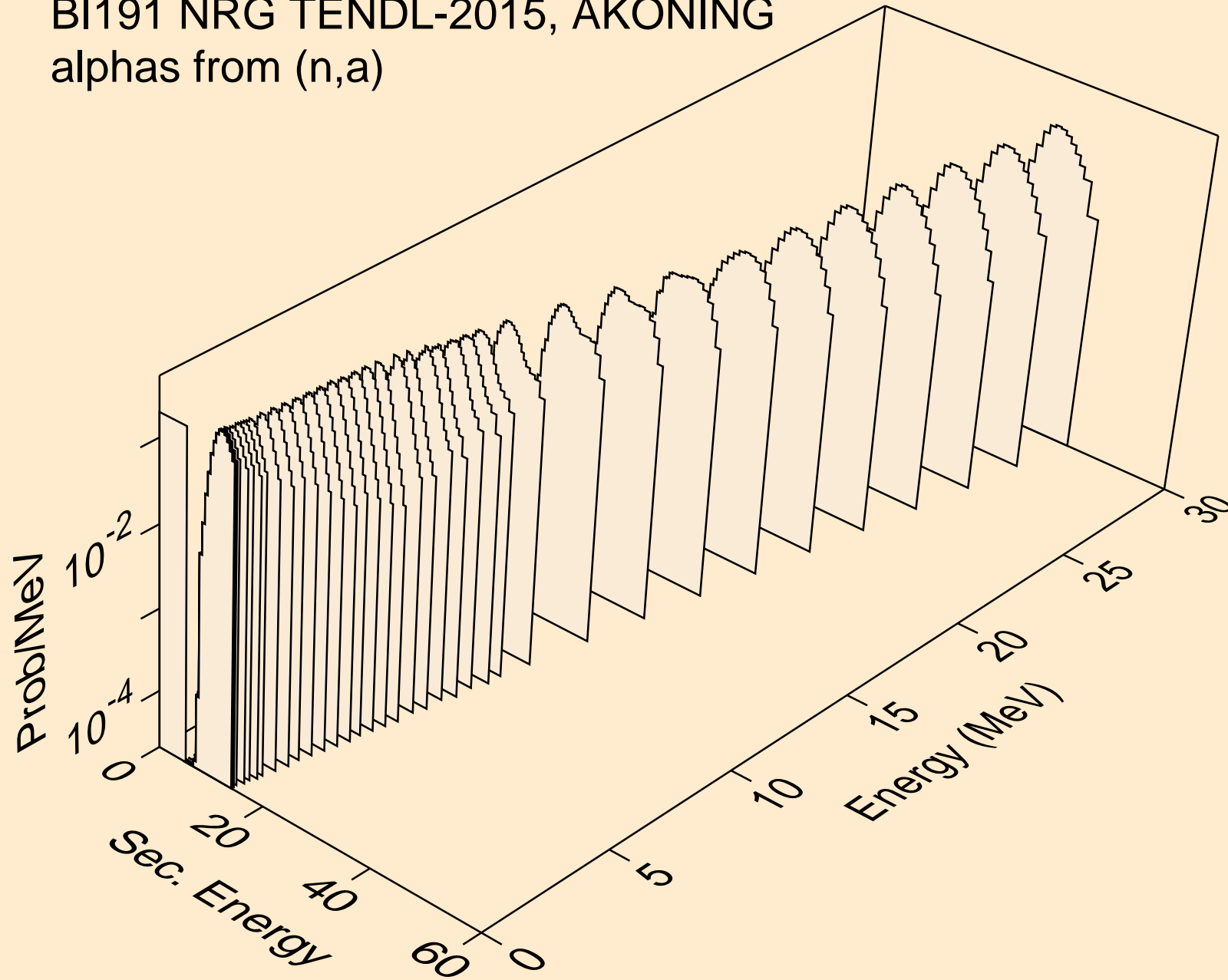
BI191 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



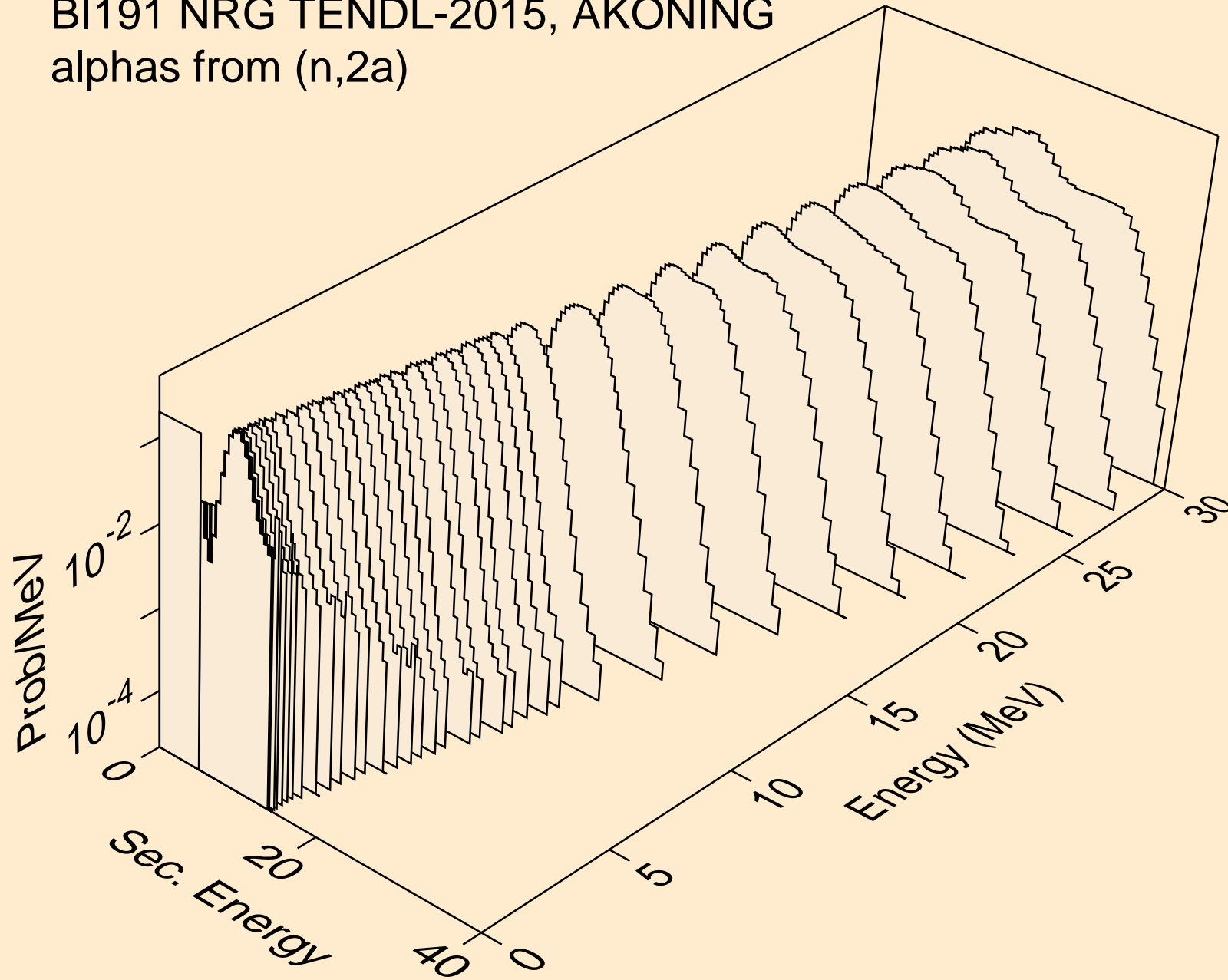
BI191 NRG TENDL-2015, AKONING  
alphas from (n,npa)



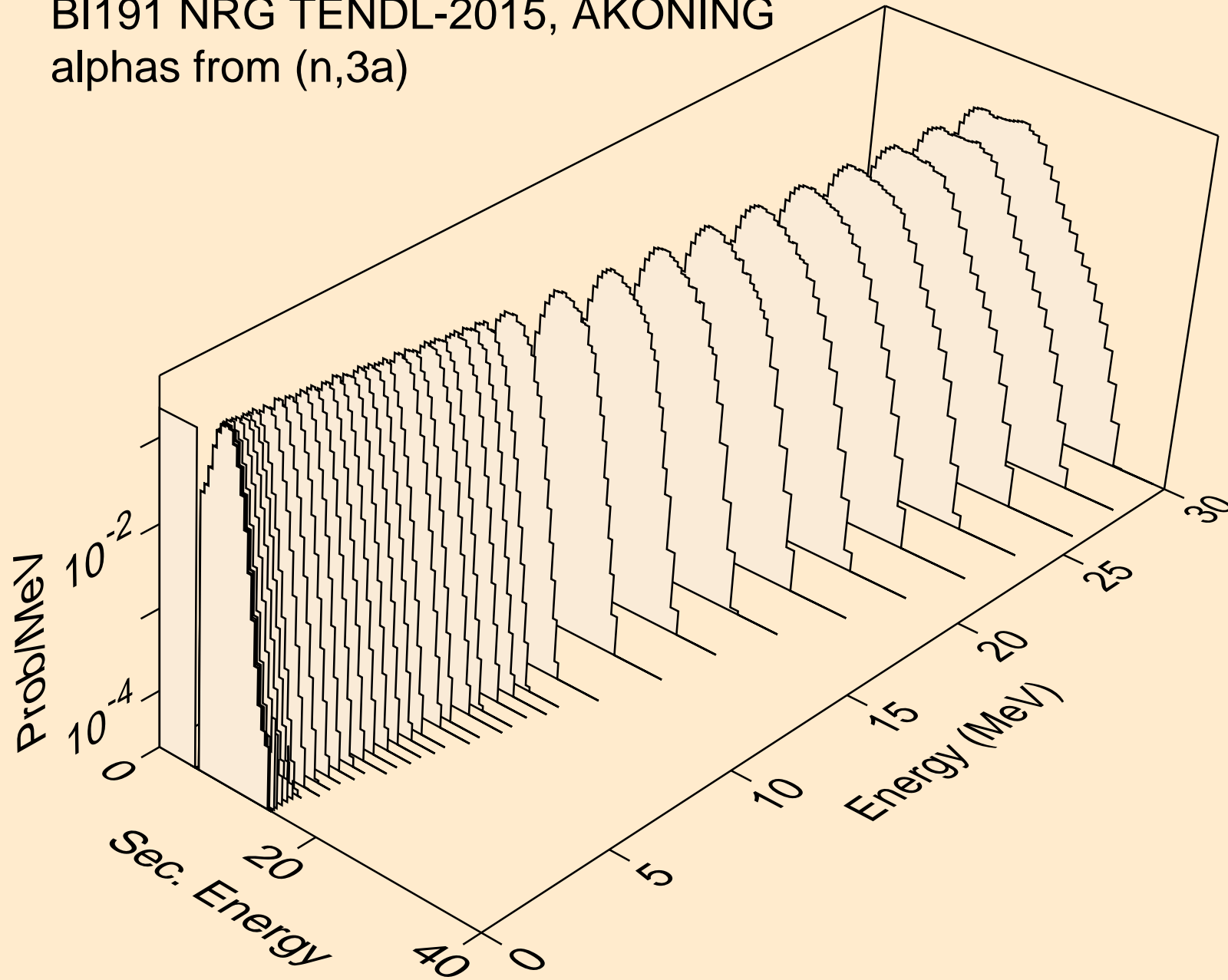
BI191 NRG TENDL-2015, AKONING  
alphas from (n,a)



BI191 NRG TENDL-2015, AKONING  
alphas from (n,2a)

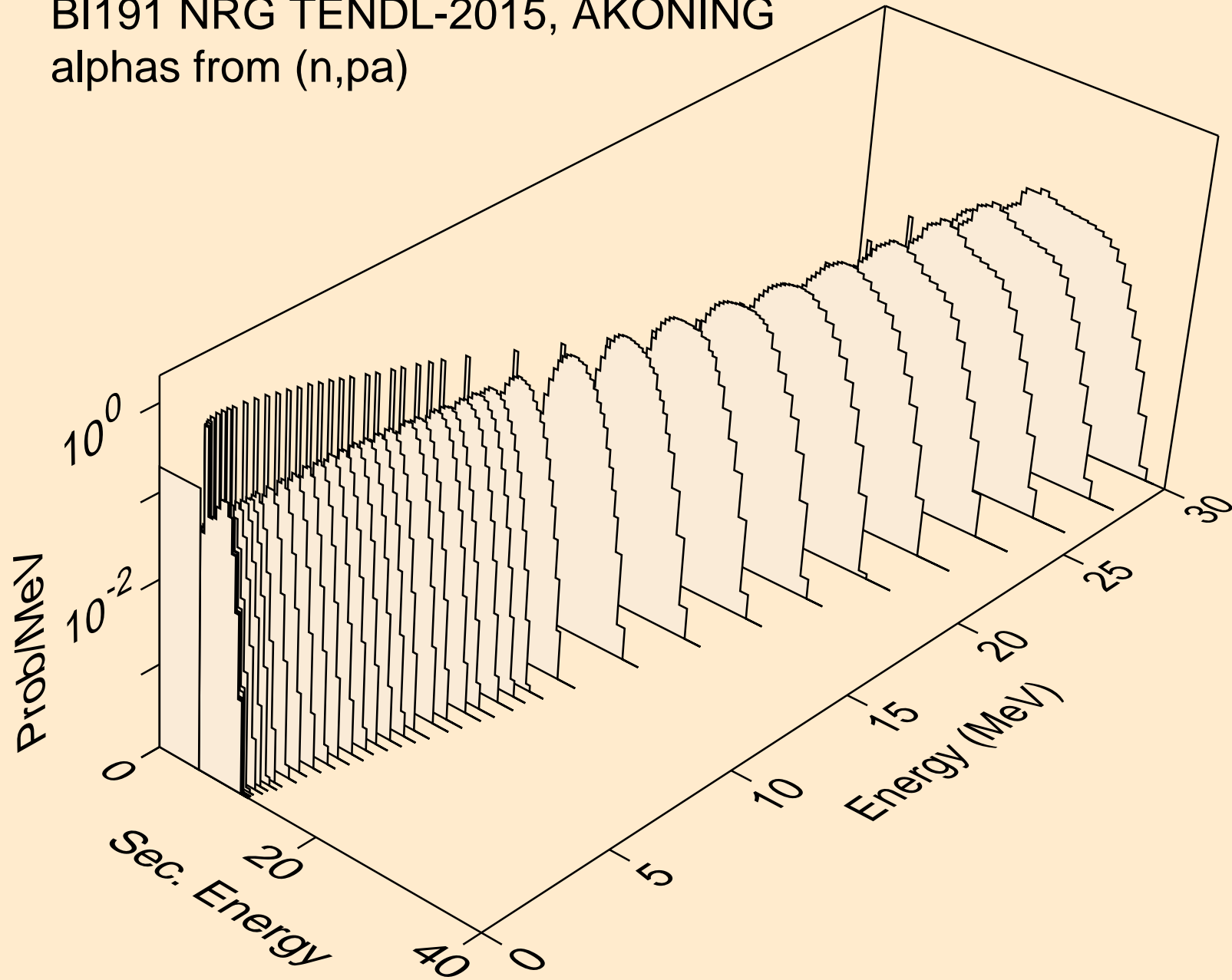


BI191 NRG TENDL-2015, AKONING  
alphas from (n,3a)

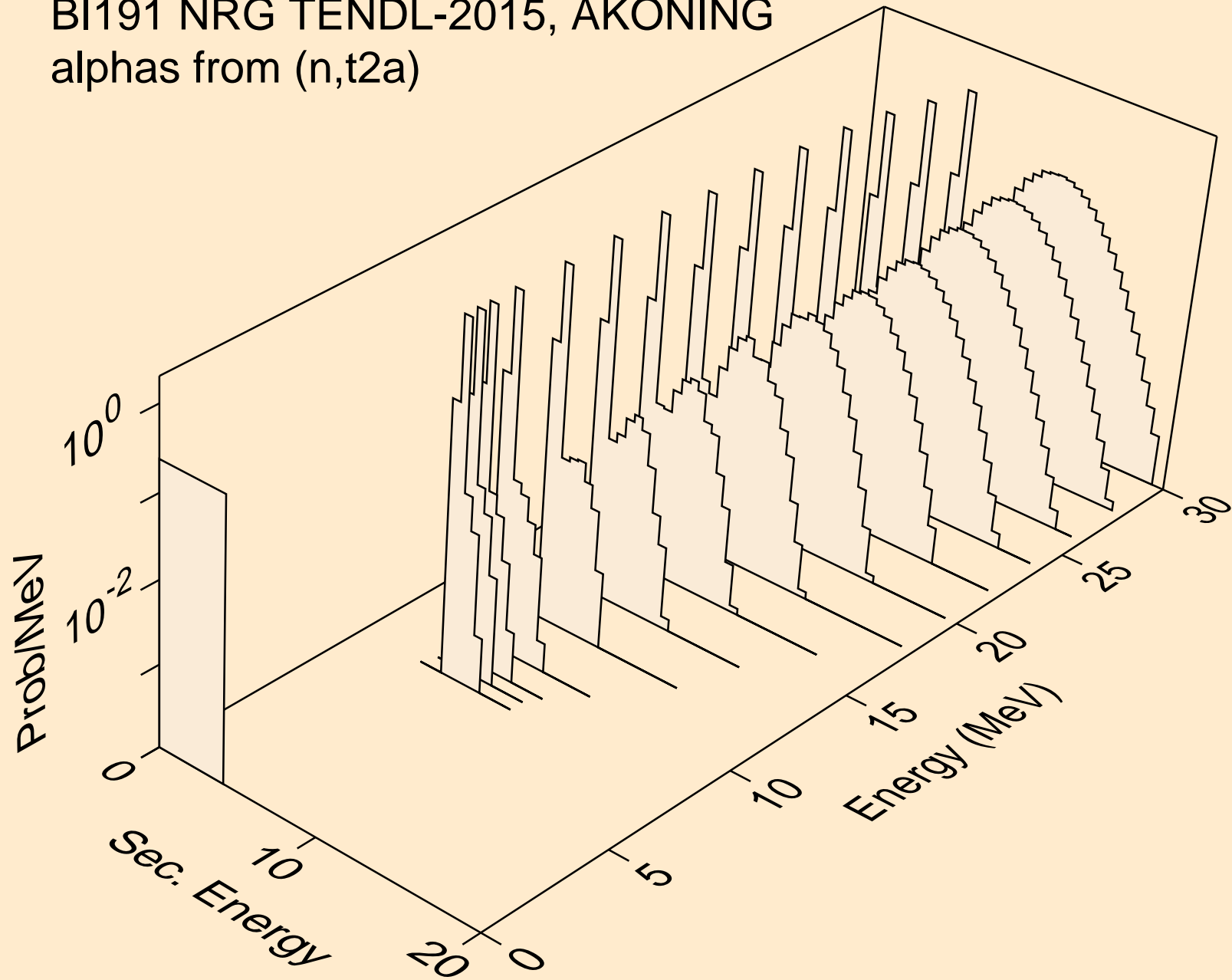




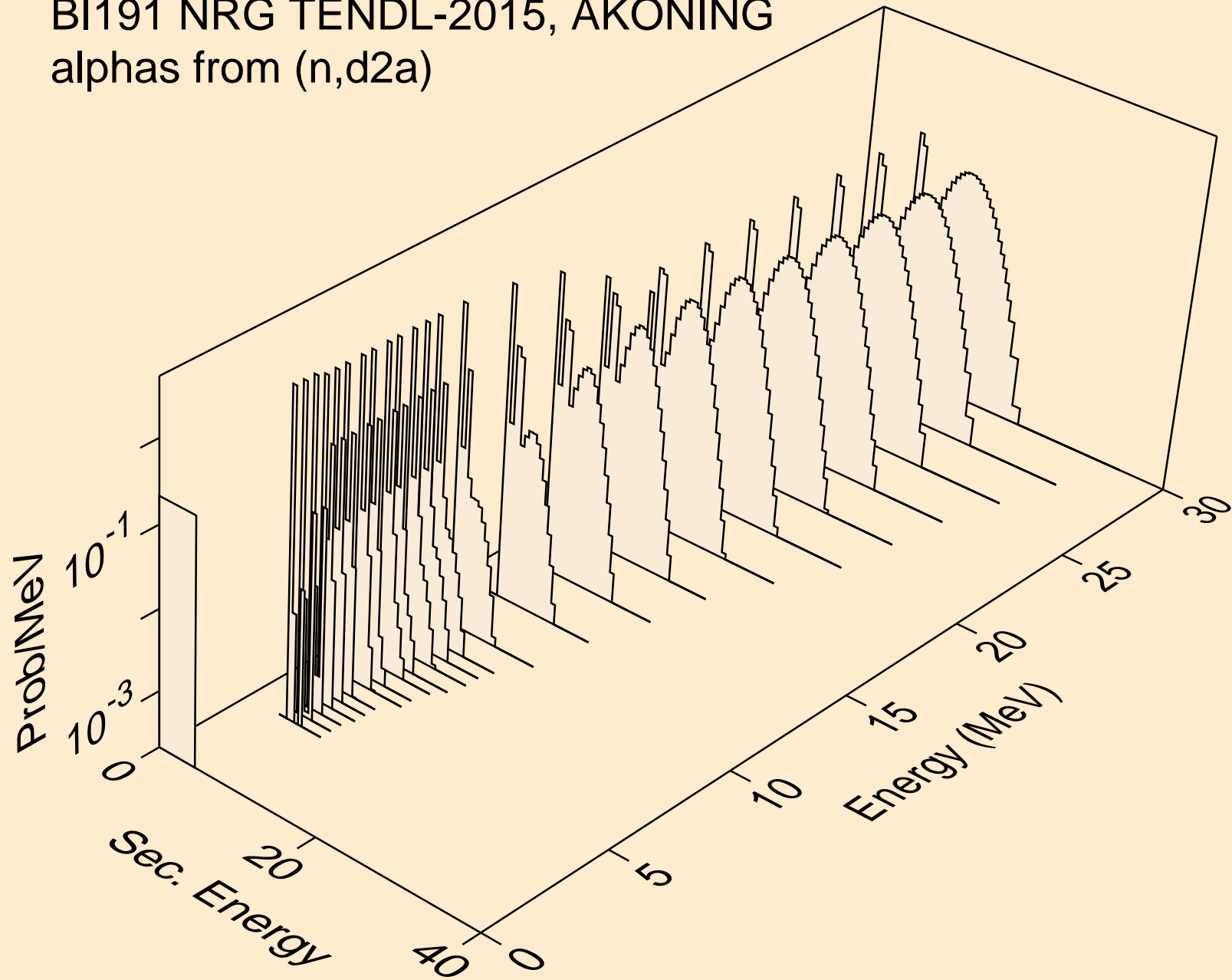
BI191 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BI191 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



BI191 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



BI191 NRG TENDL-2015, AKONING  
alphas from (n,da)

