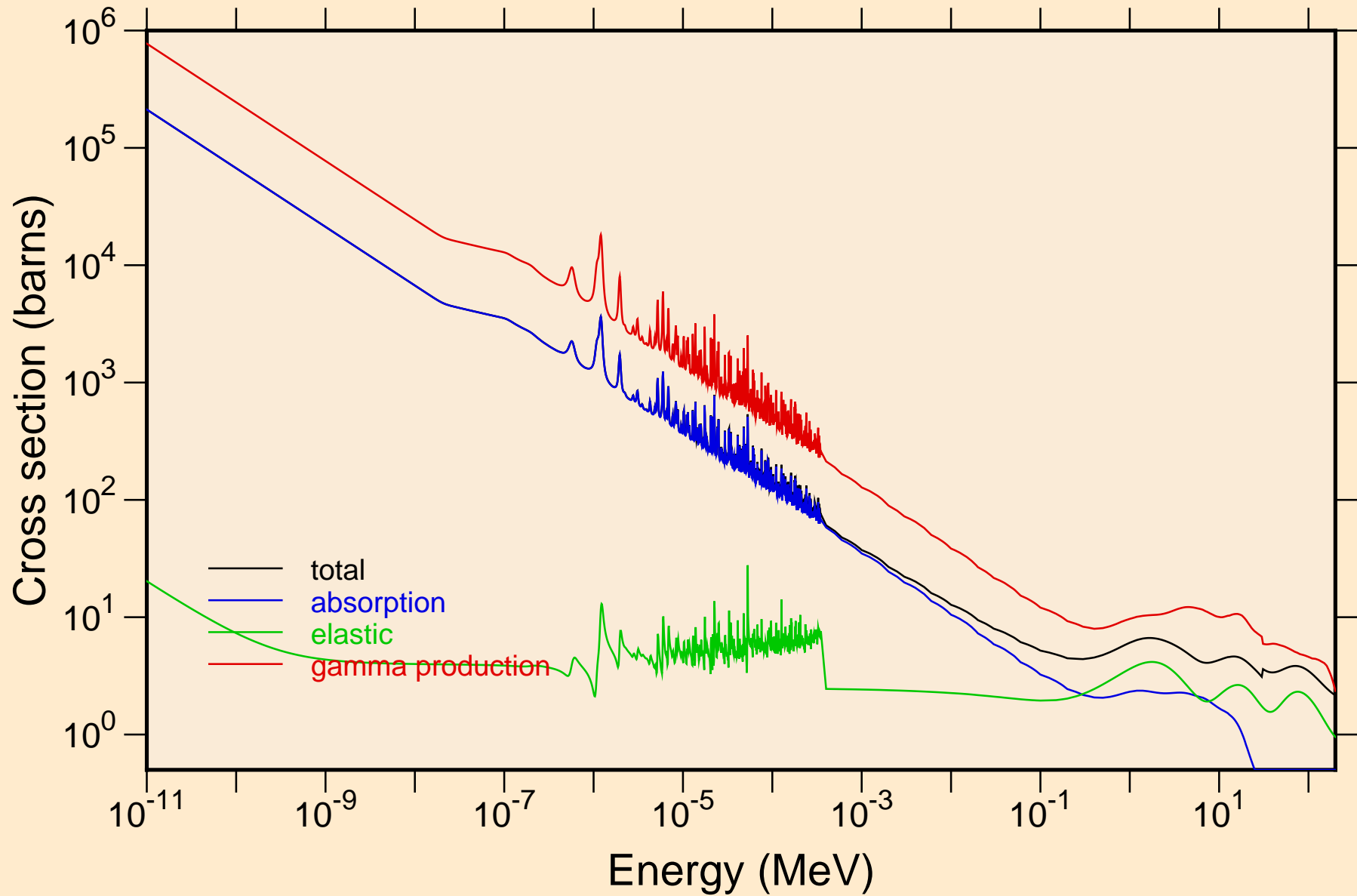
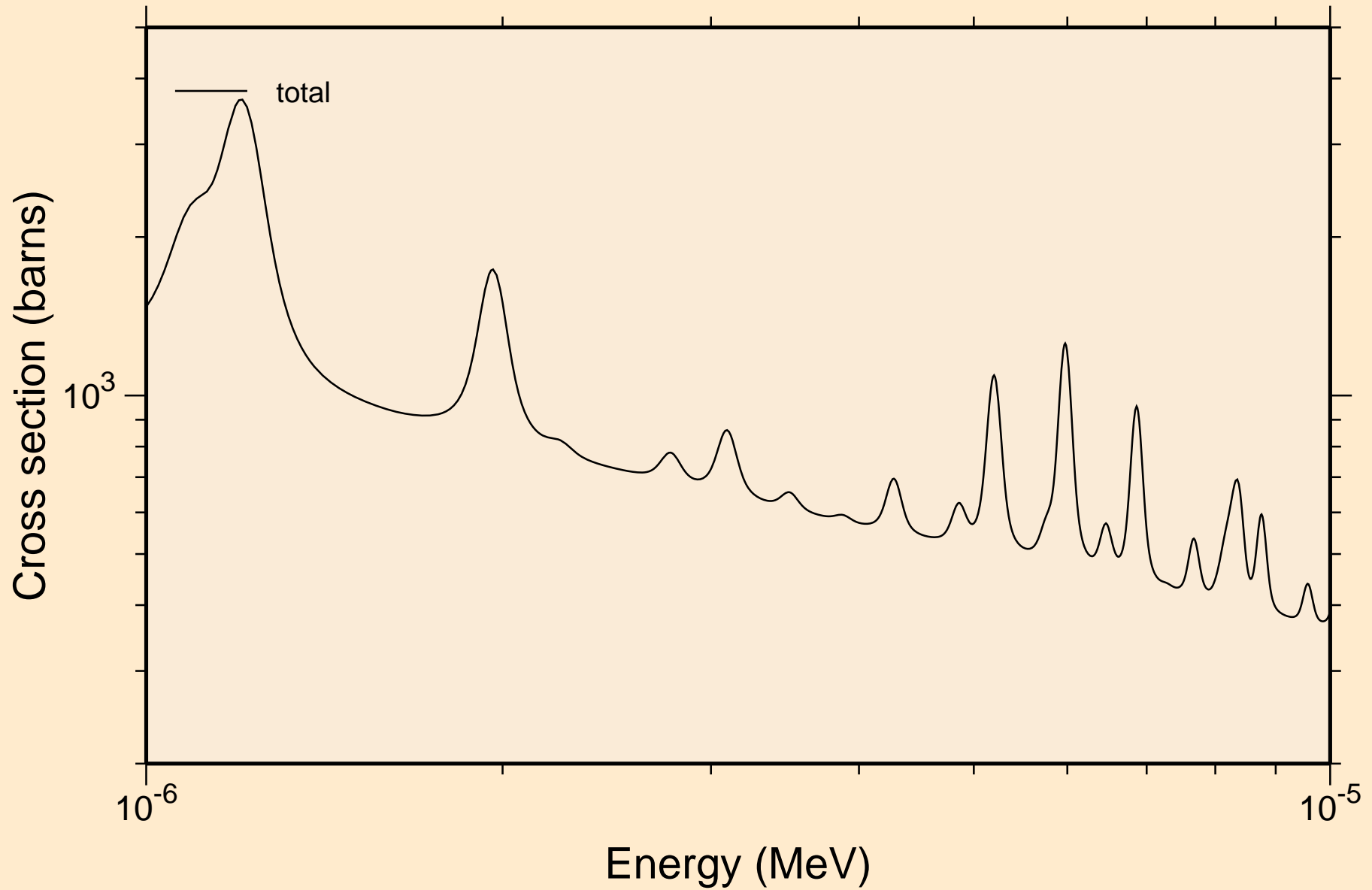


# PM131 NRG TENDL-2015, AKONING

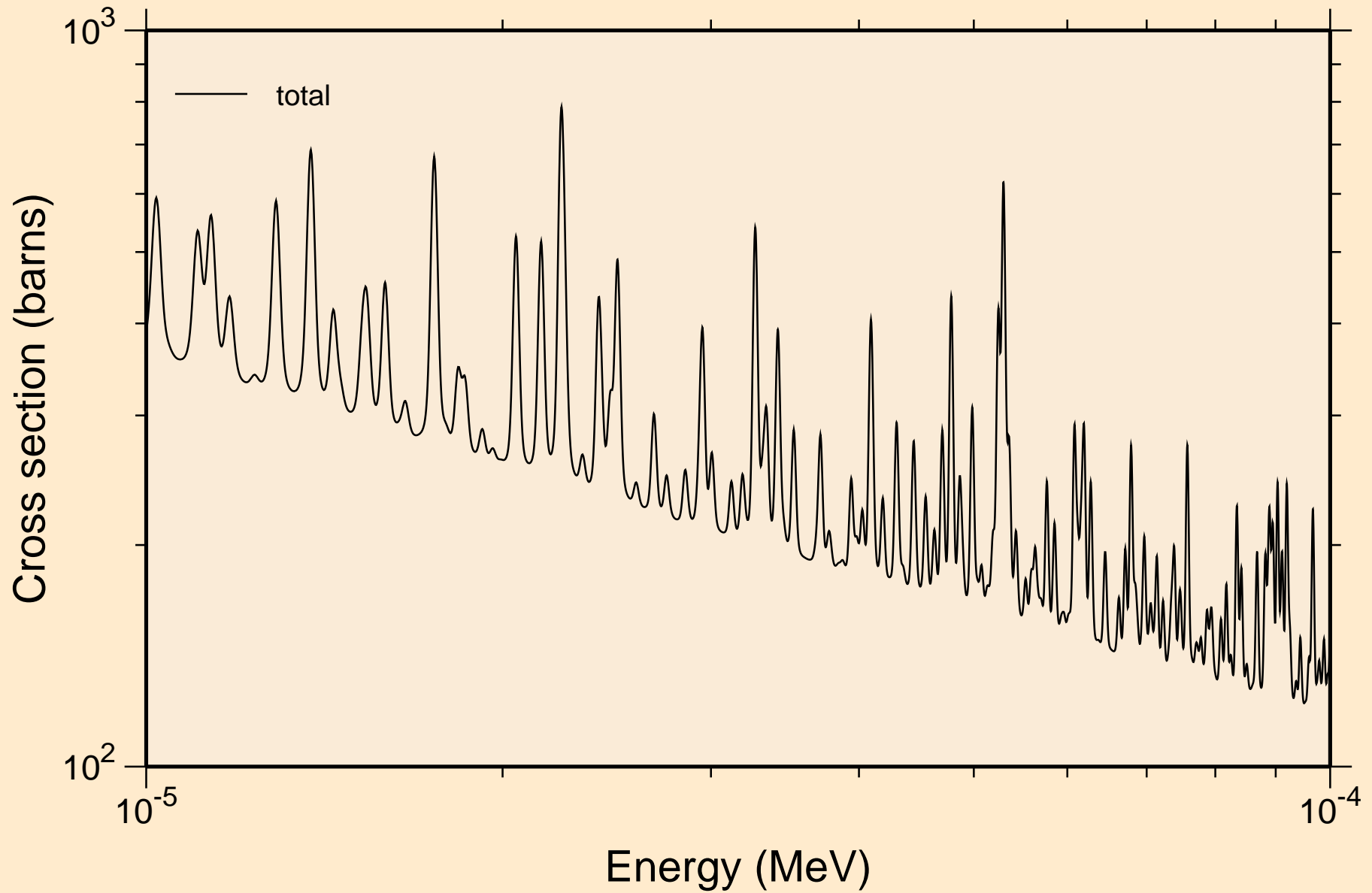
## Principal cross sections



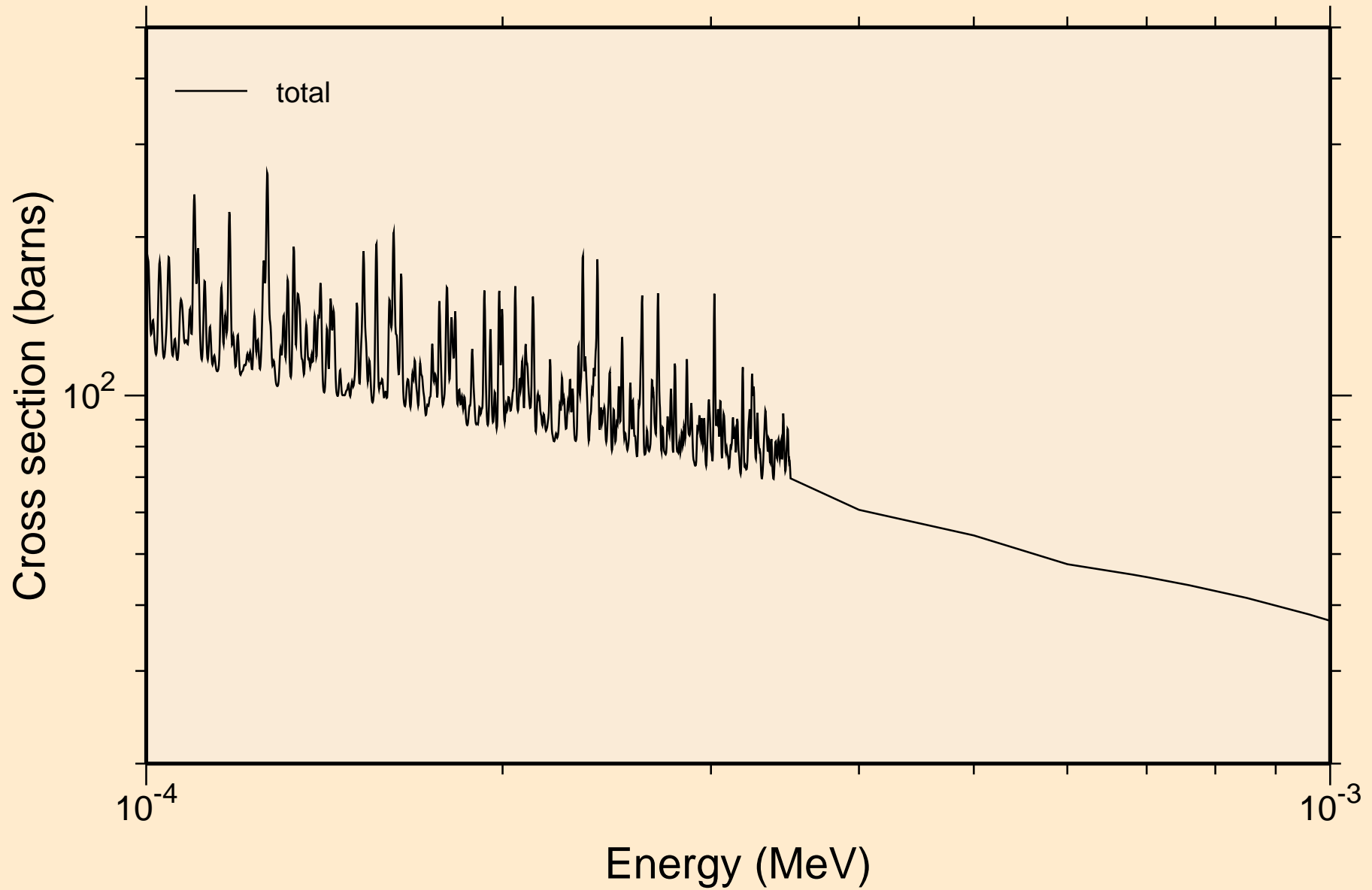
PM131 NRG TENDL-2015, AKONING  
resonance total cross section



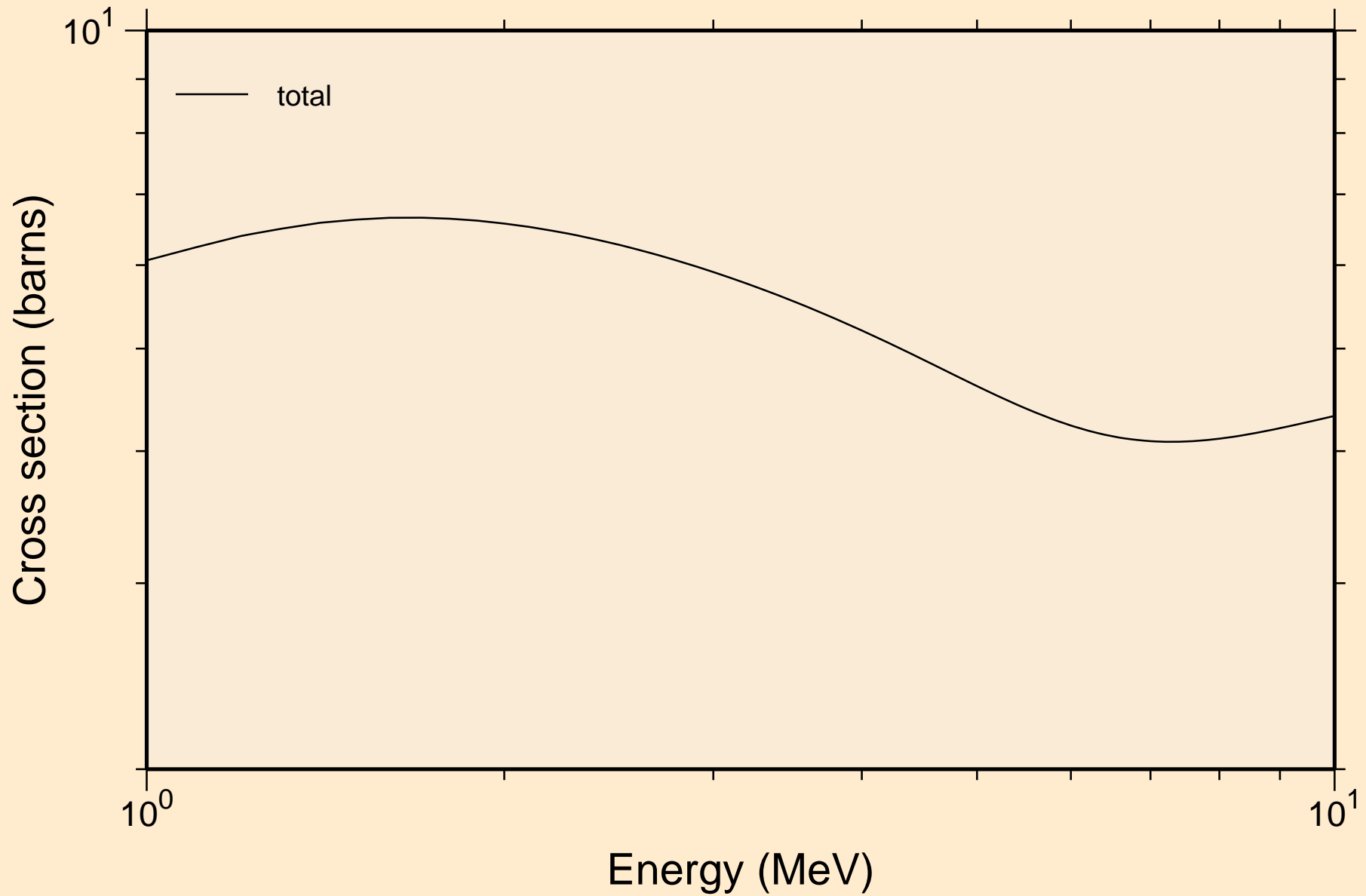
PM131 NRG TENDL-2015, AKONING  
resonance total cross section



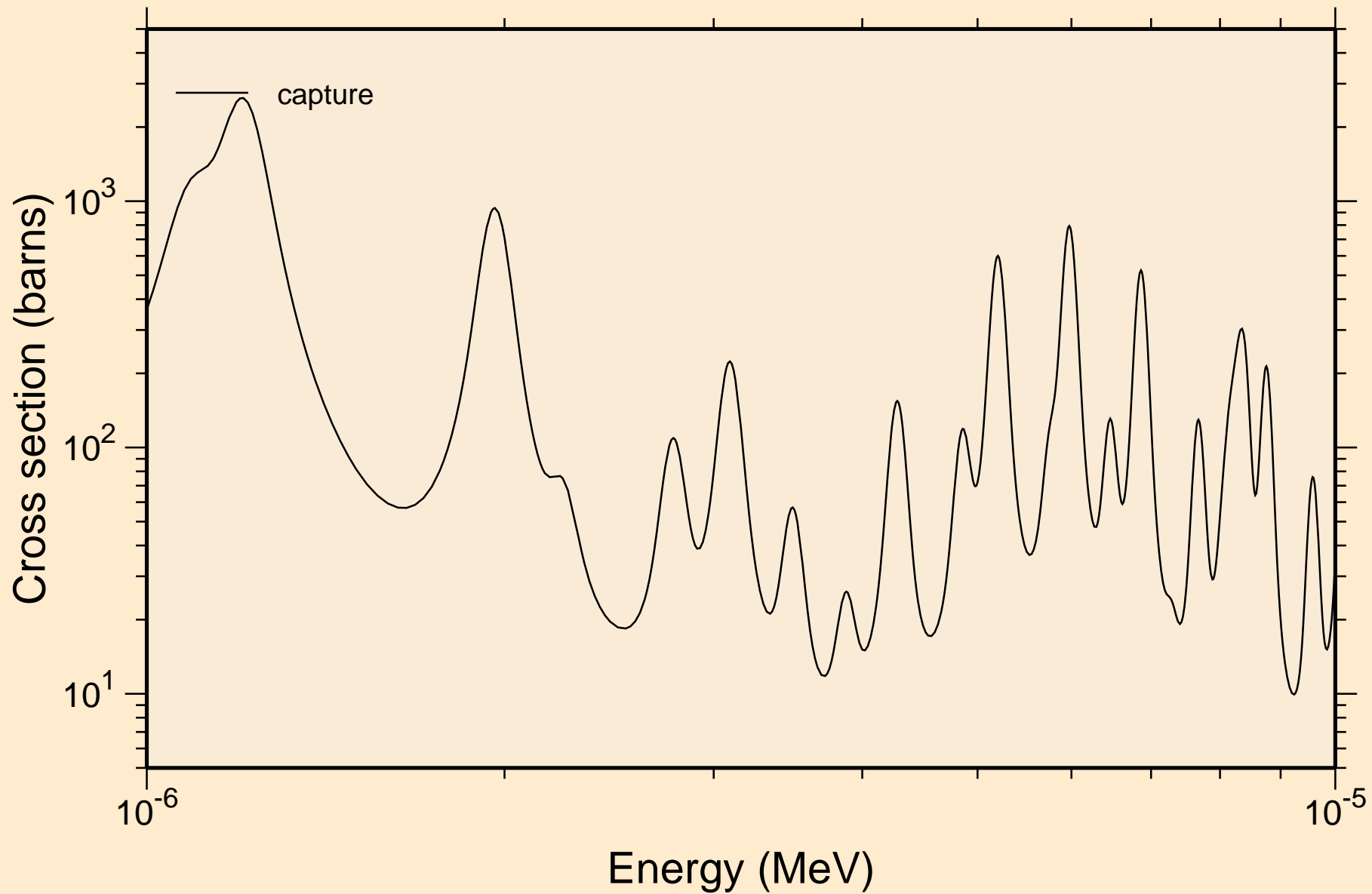
PM131 NRG TENDL-2015, AKONING  
resonance total cross section



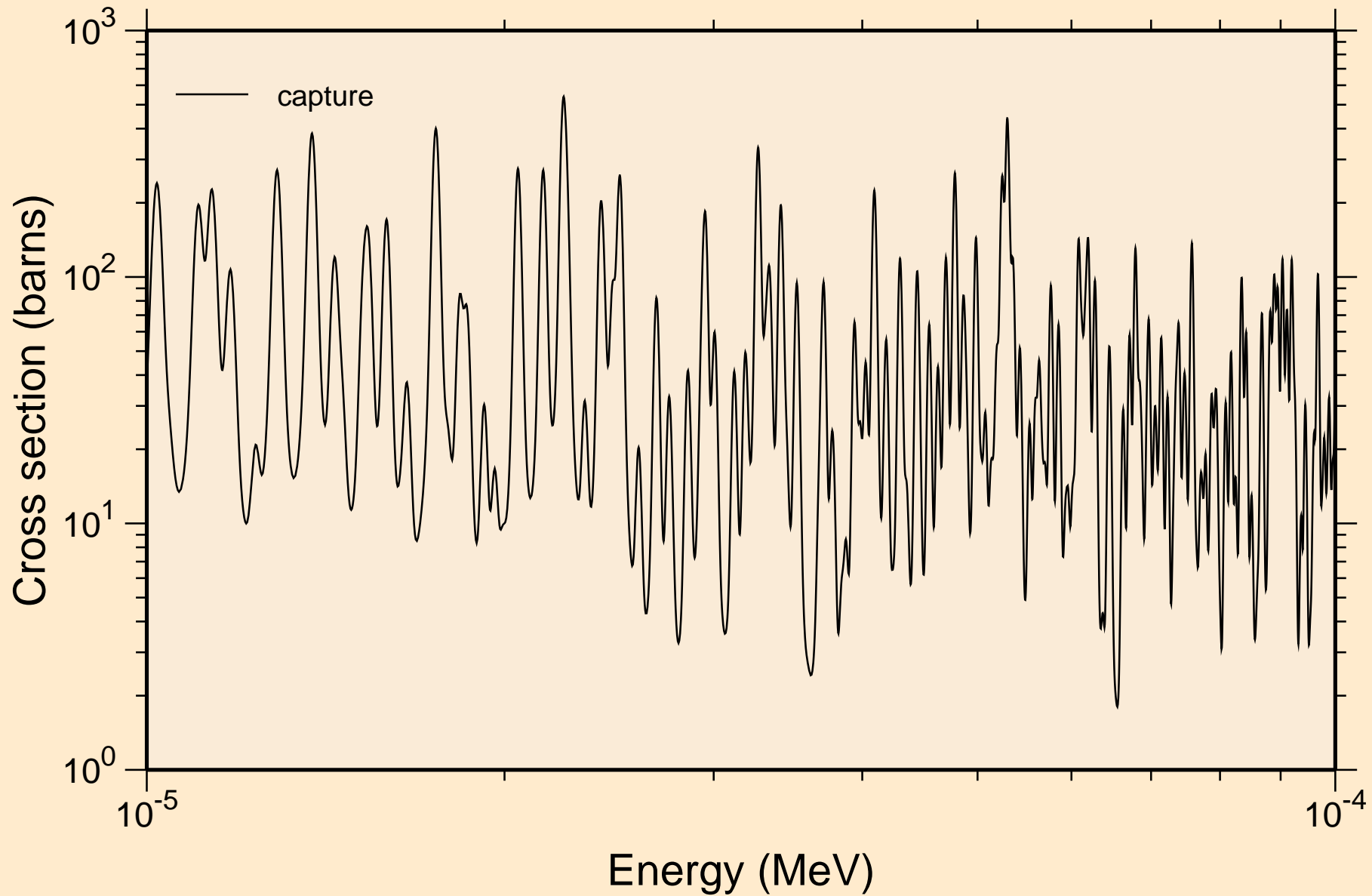
PM131 NRG TENDL-2015, AKONING  
resonance total cross section



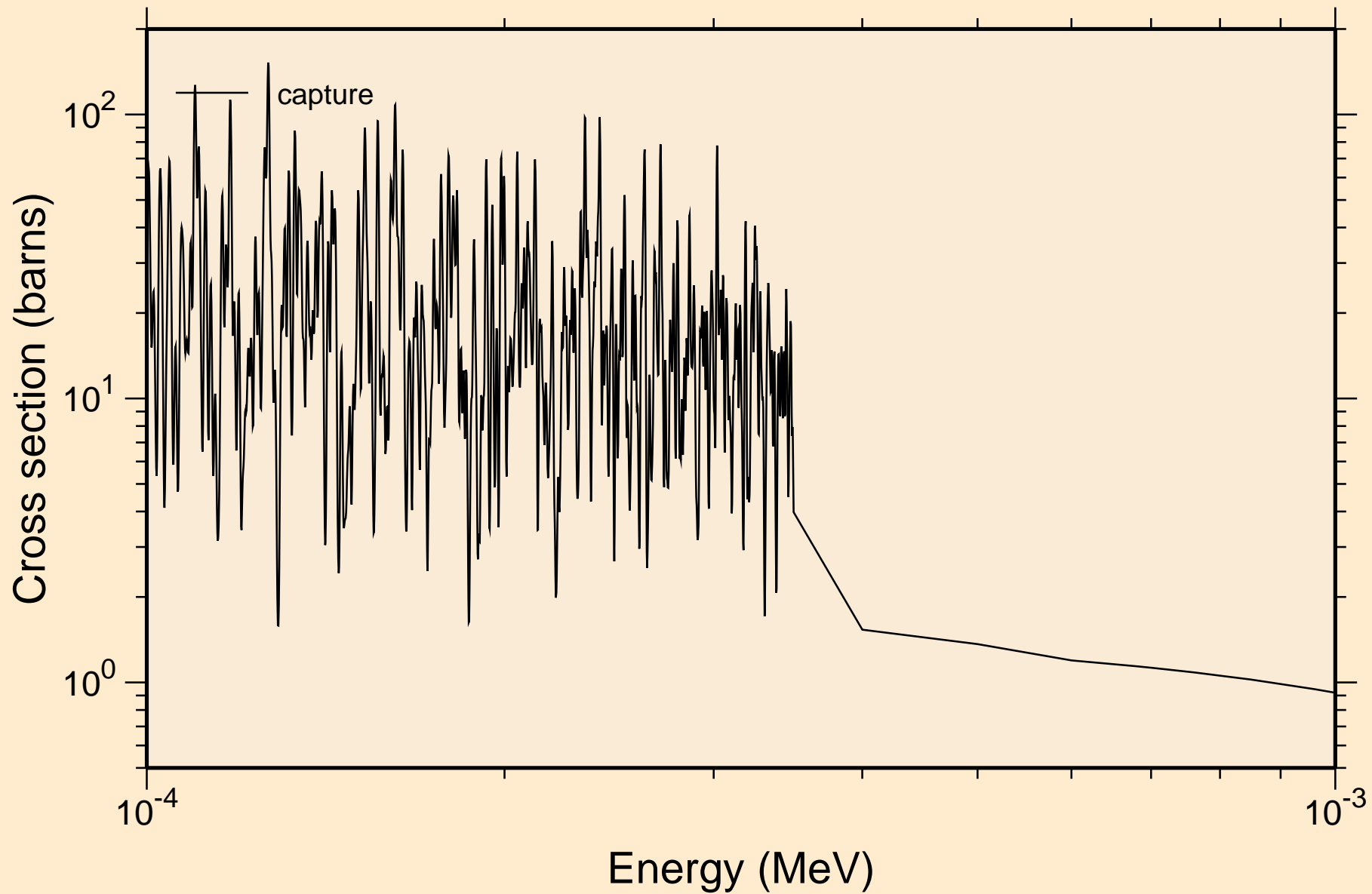
PM131 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PM131 NRG TENDL-2015, AKONING  
resonance absorption cross sections

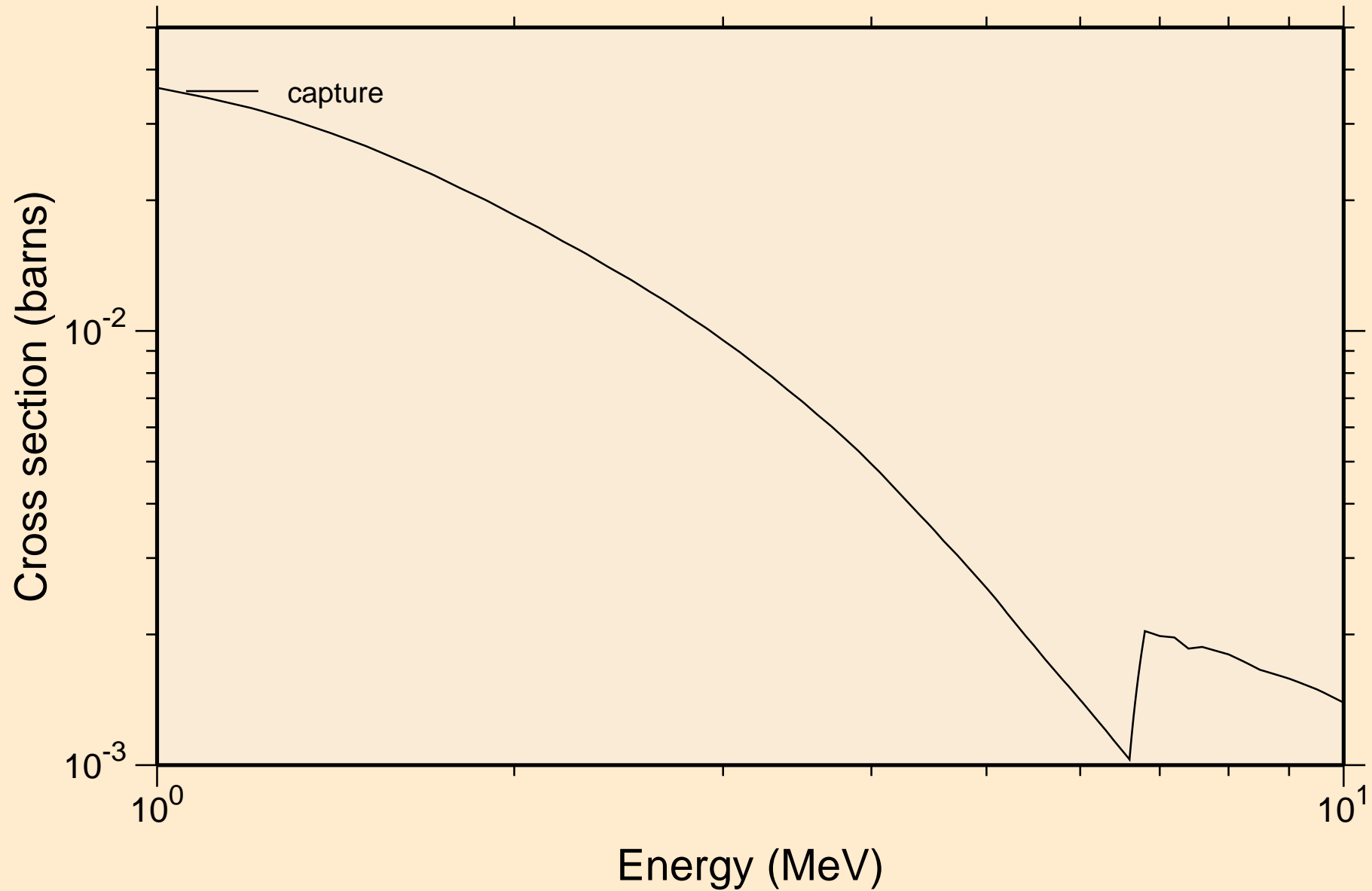


PM131 NRG TENDL-2015, AKONING  
resonance absorption cross sections



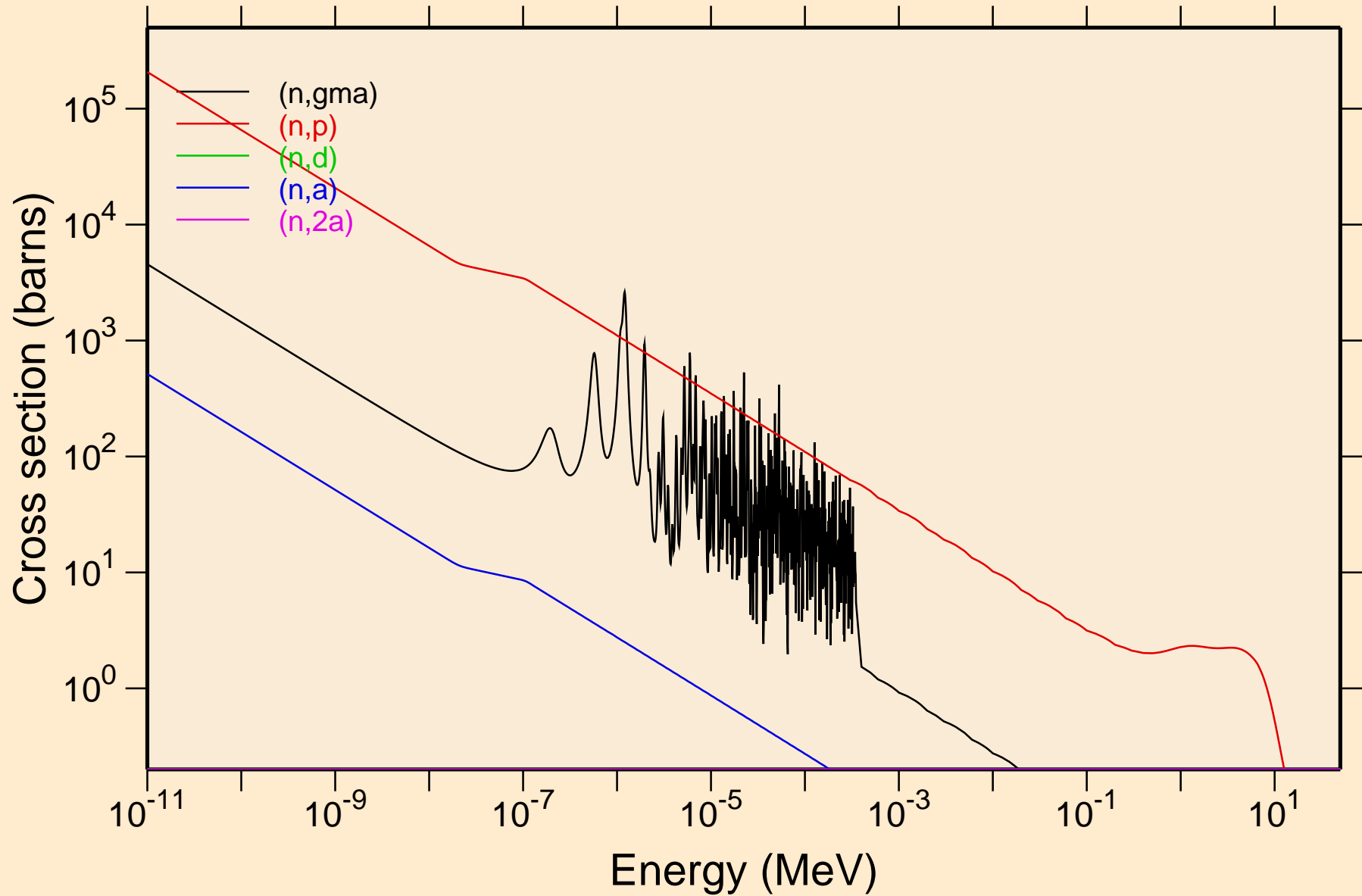


PM131 NRG TENDL-2015, AKONING  
resonance absorption cross sections

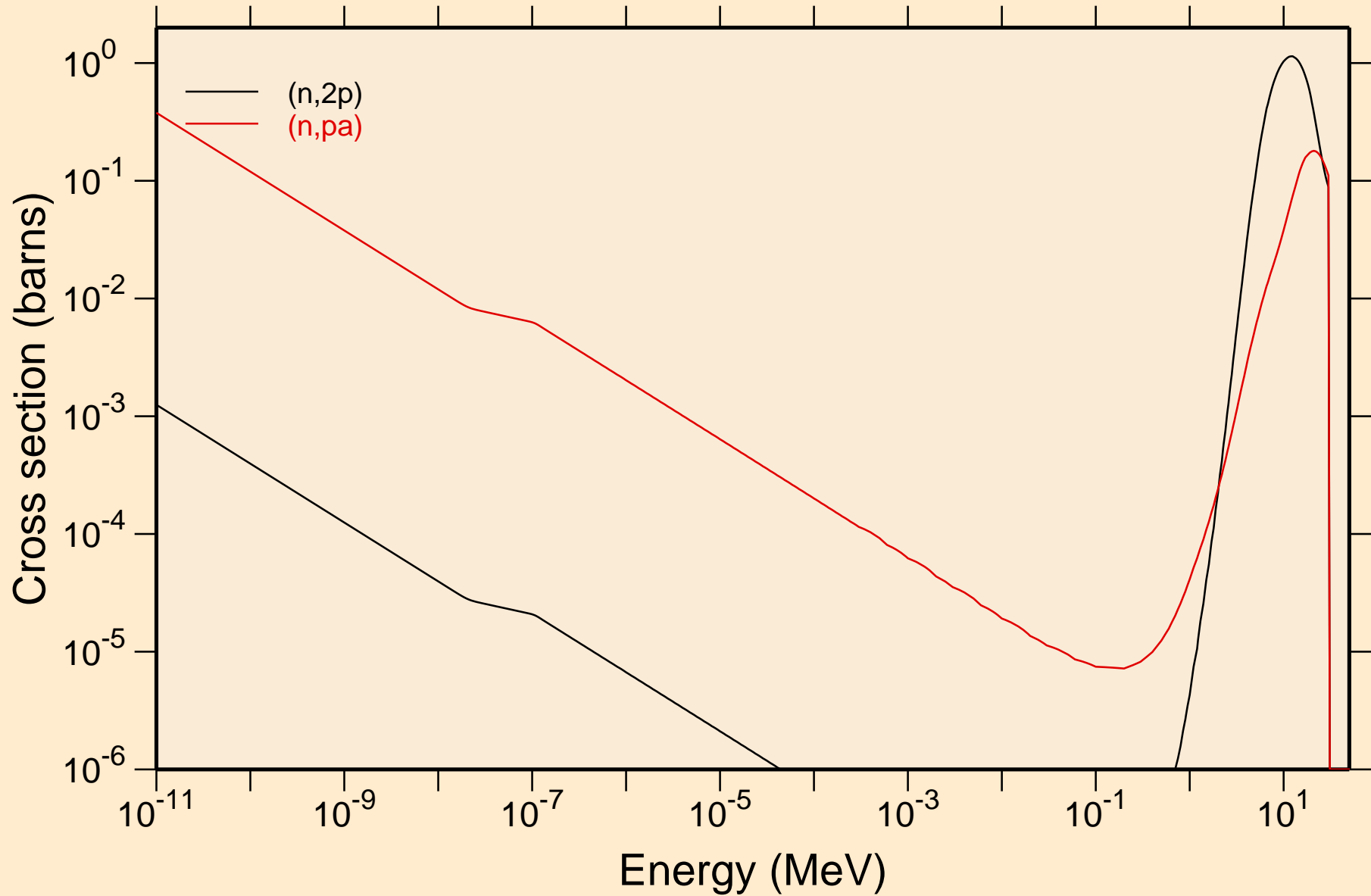


# PM131 NRG TENDL-2015, AKONING

## Non-threshold reactions

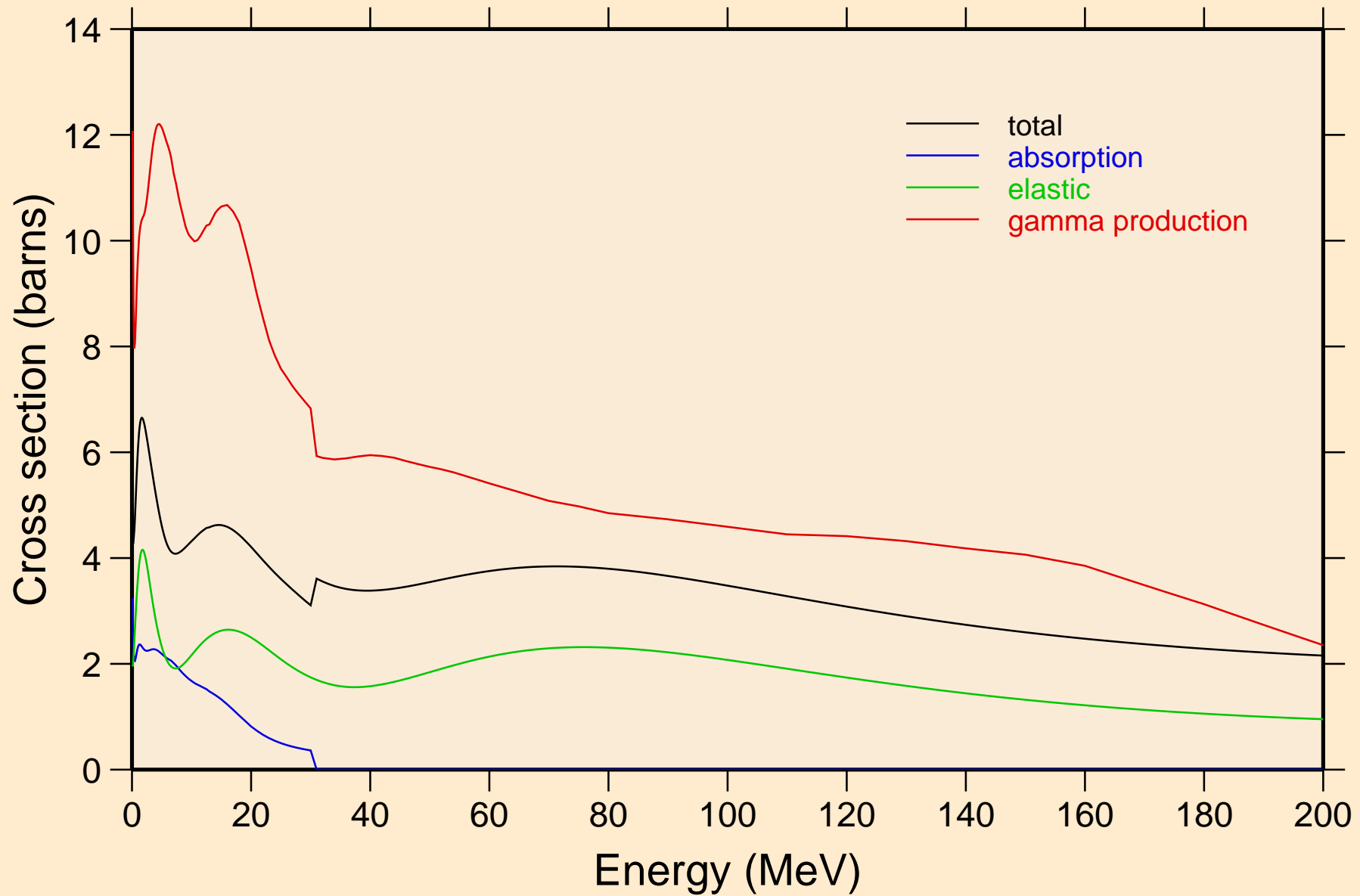


PM131 NRG TENDL-2015, AKONING  
Non-threshold reactions



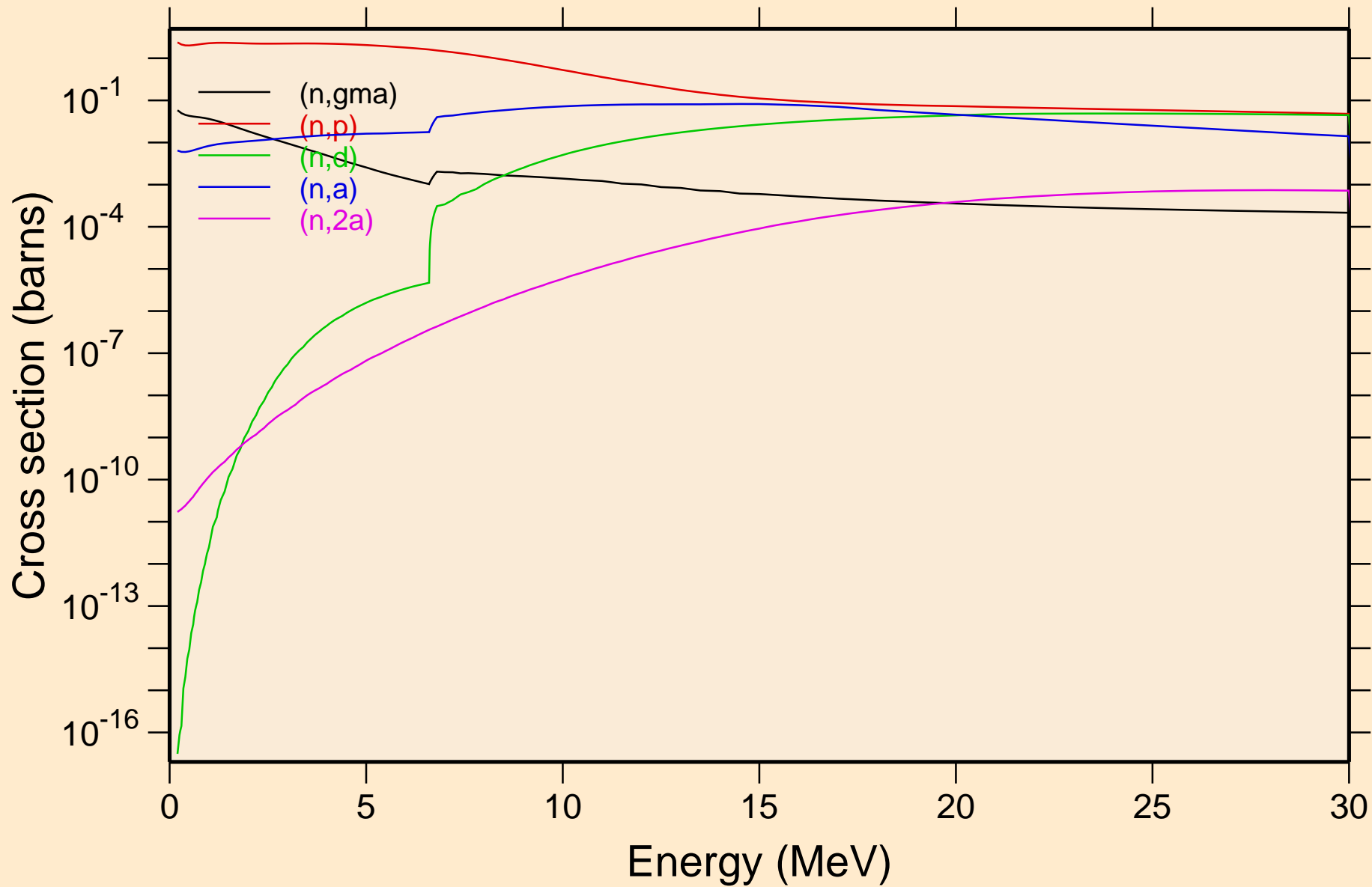
# PM131 NRG TENDL-2015, AKONING

## Principal cross sections

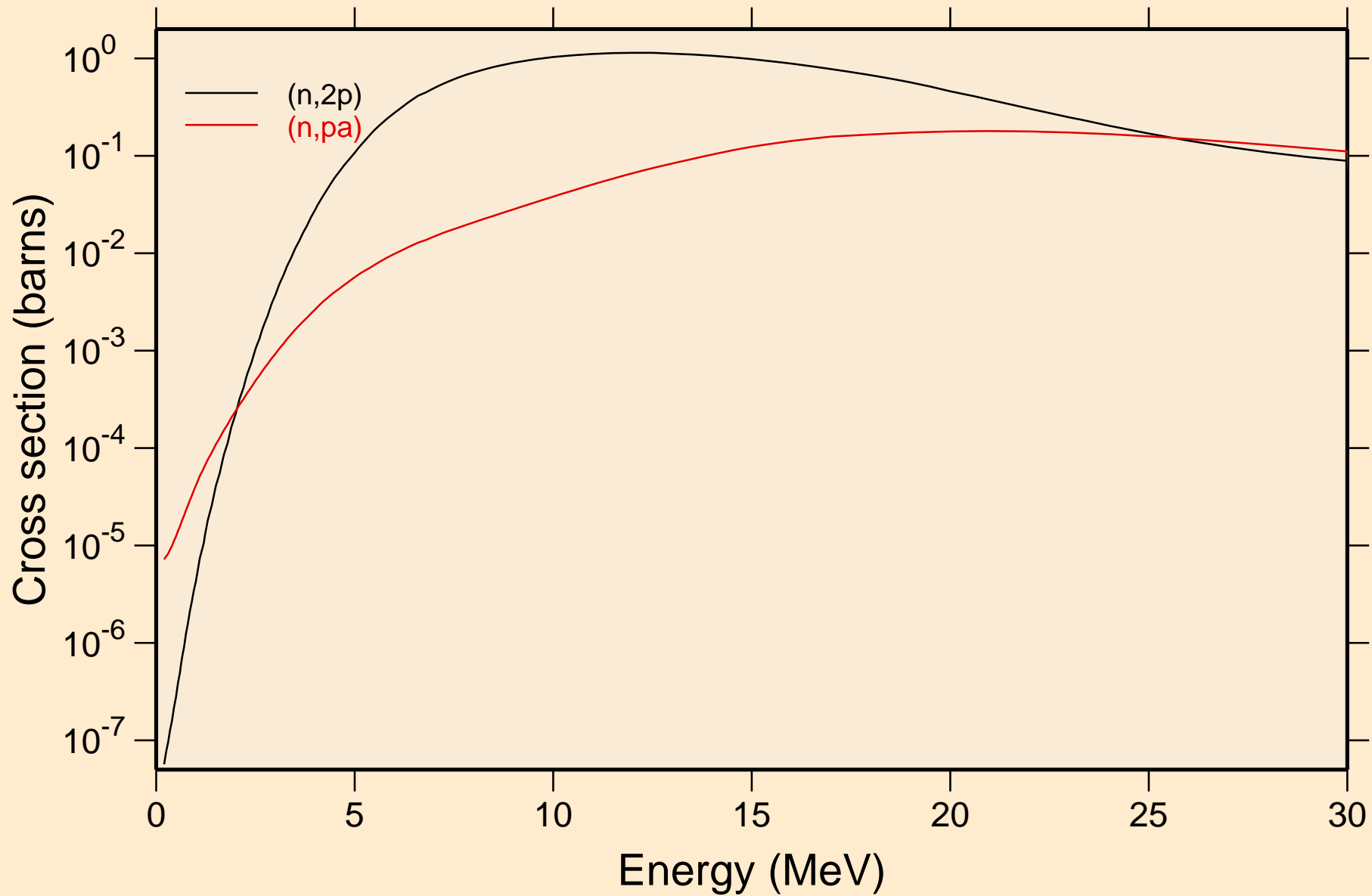


# PM131 NRG TENDL-2015, AKONING

## Non-threshold reactions

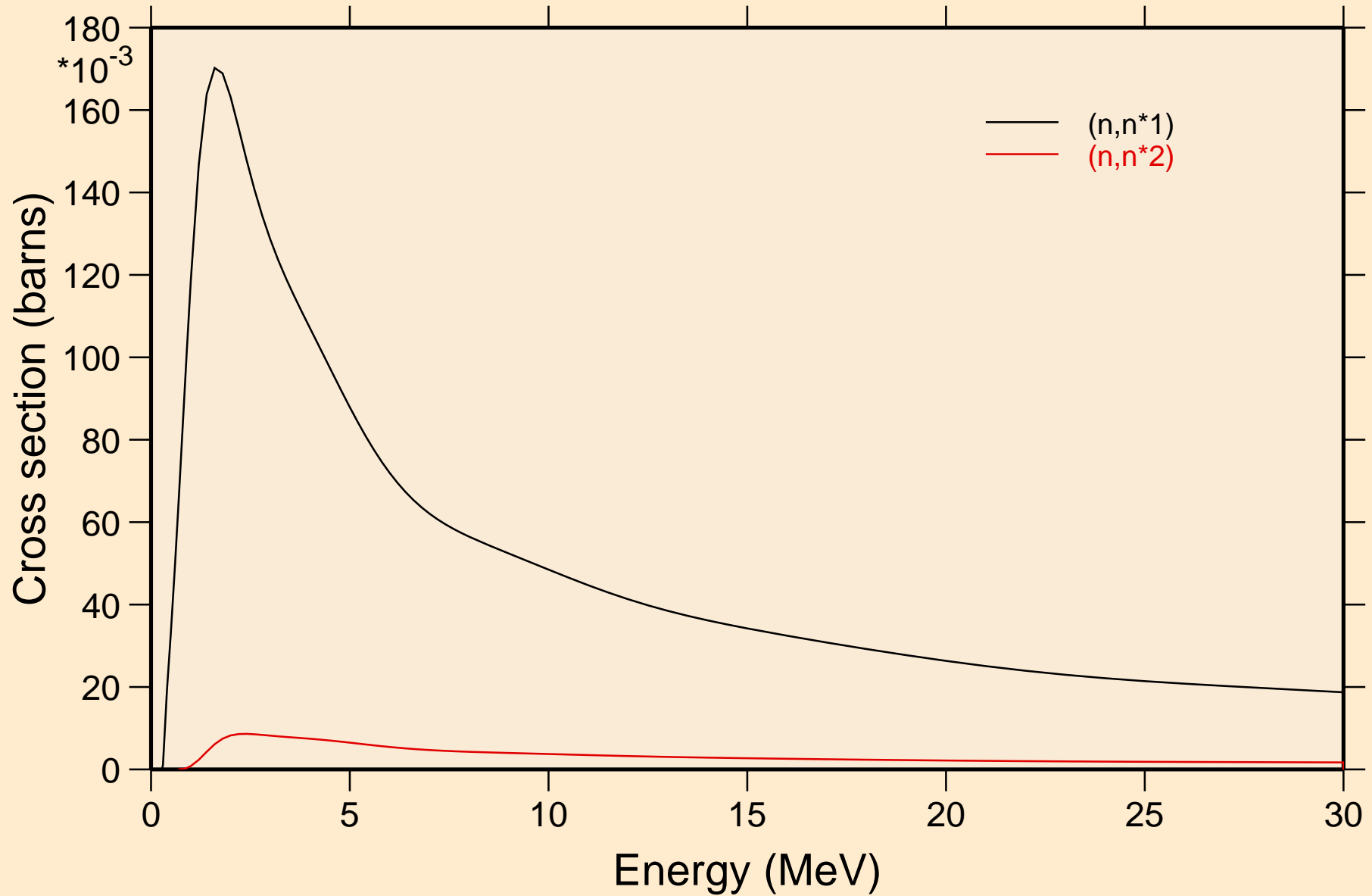


PM131 NRG TENDL-2015, AKONING  
Non-threshold reactions



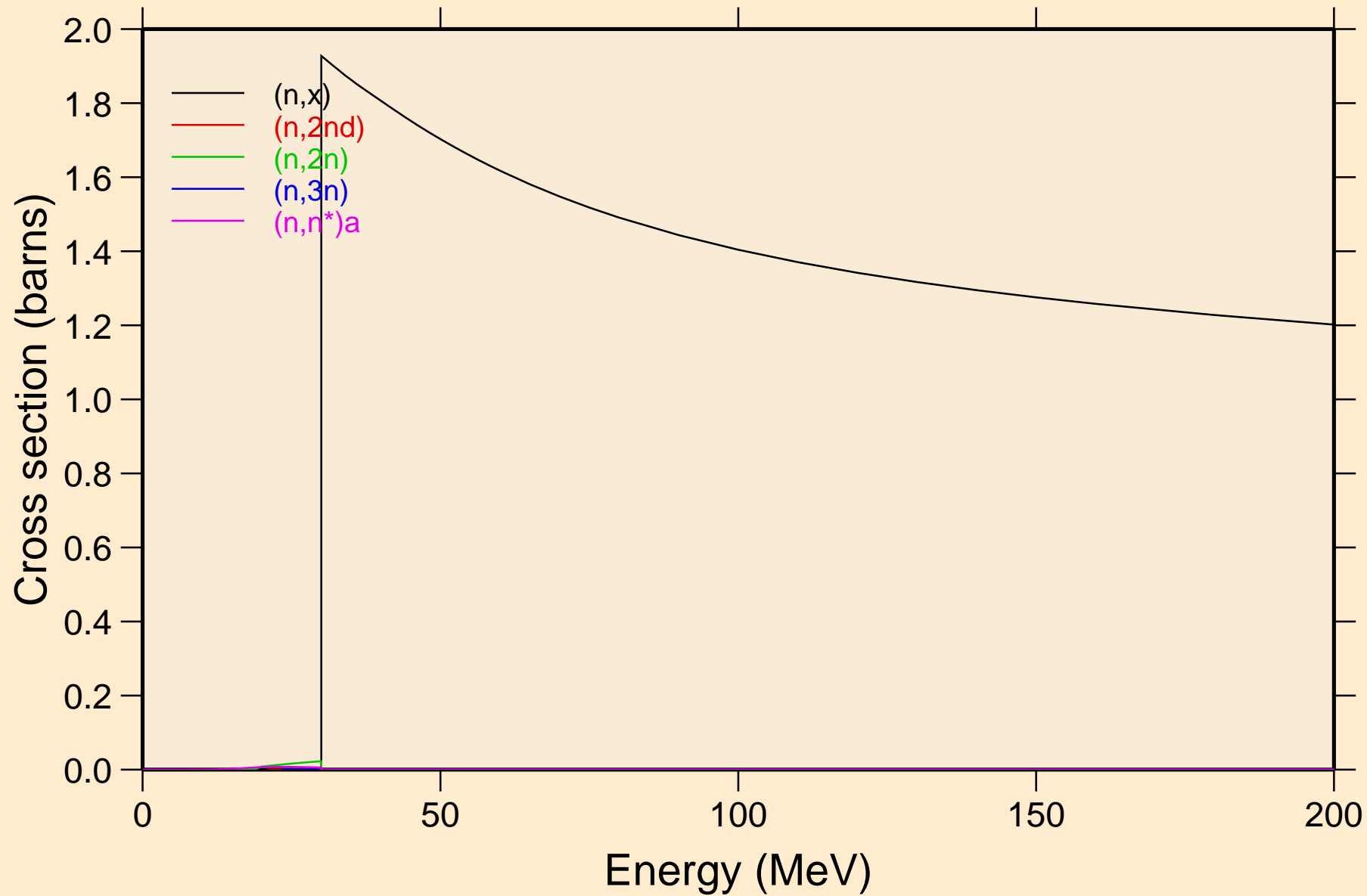
# PM131 NRG TENDL-2015, AKONING

## Inelastic levels



# PM131 NRG TENDL-2015, AKONING

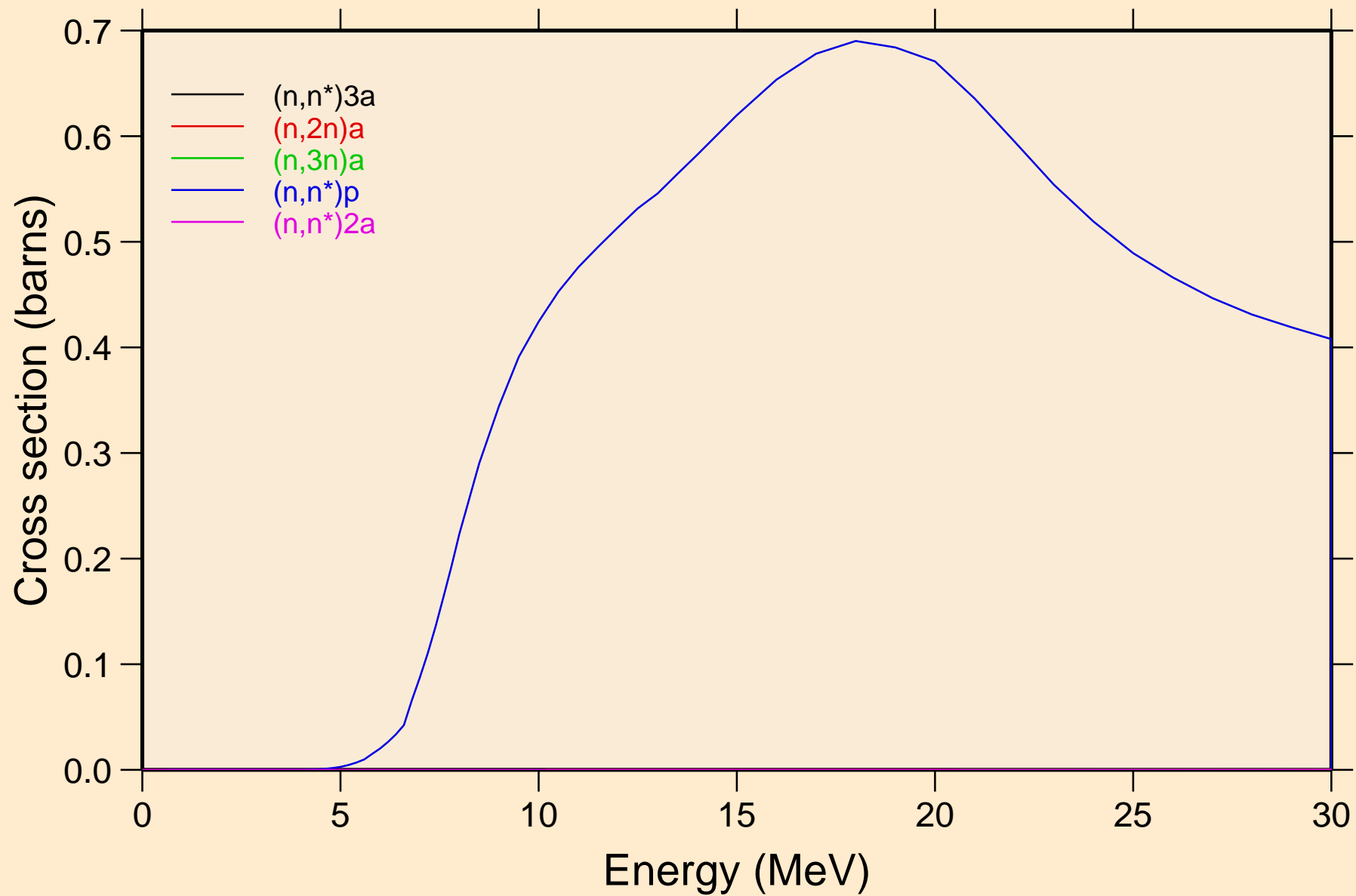
## Threshold reactions





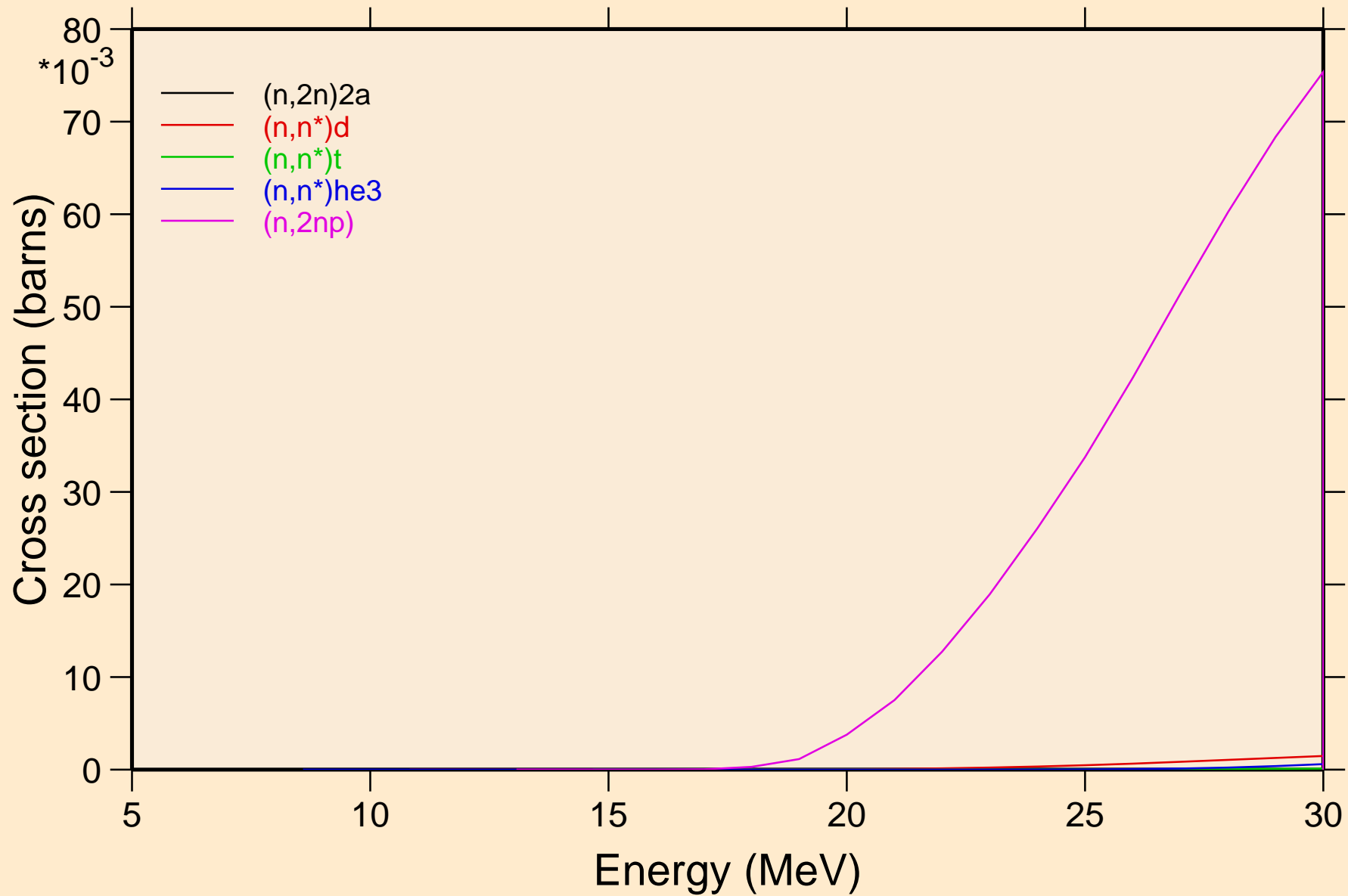
# PM131 NRG TENDL-2015, AKONING

## Threshold reactions



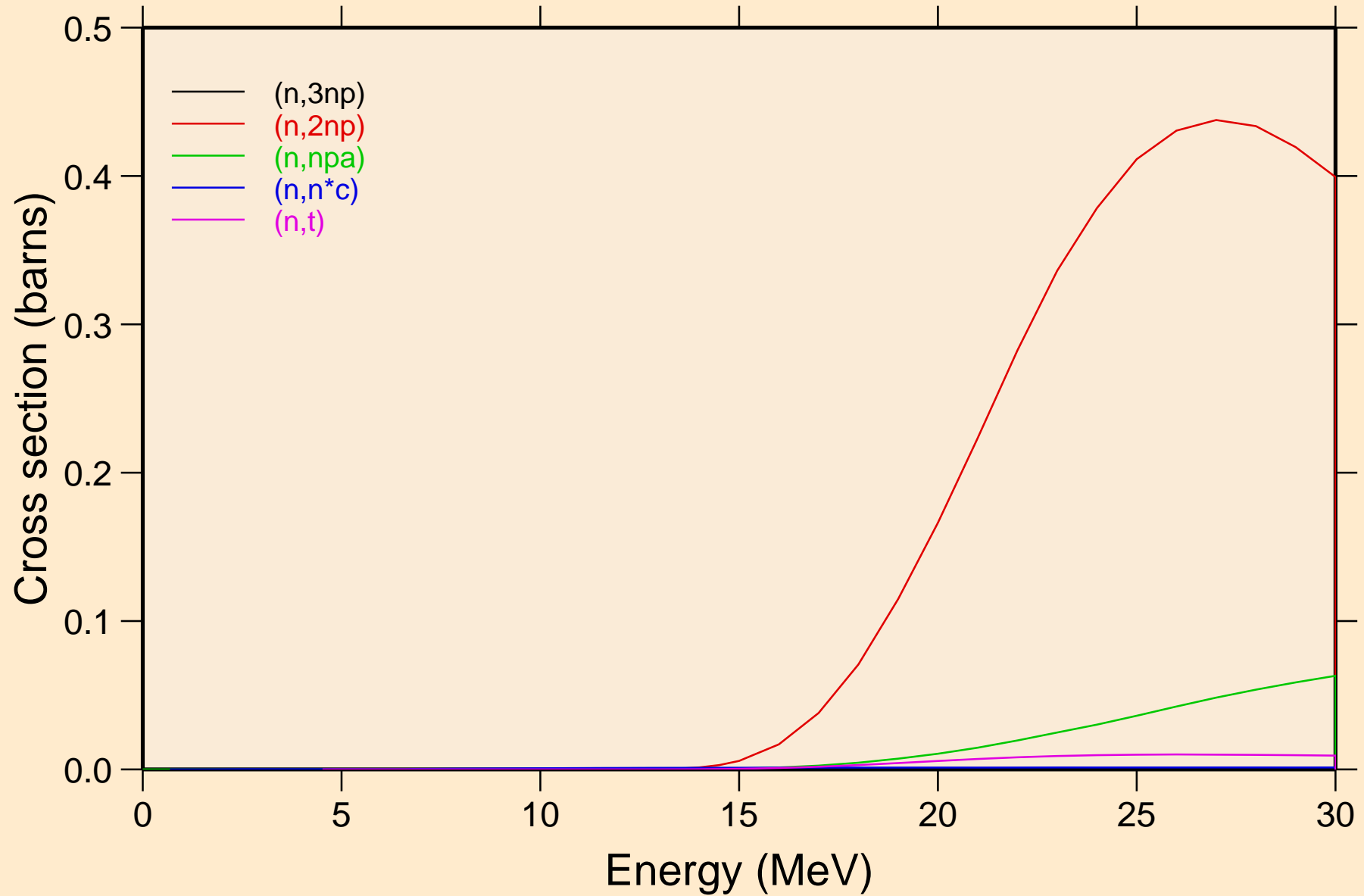
# PM131 NRG TENDL-2015, AKONING

## Threshold reactions



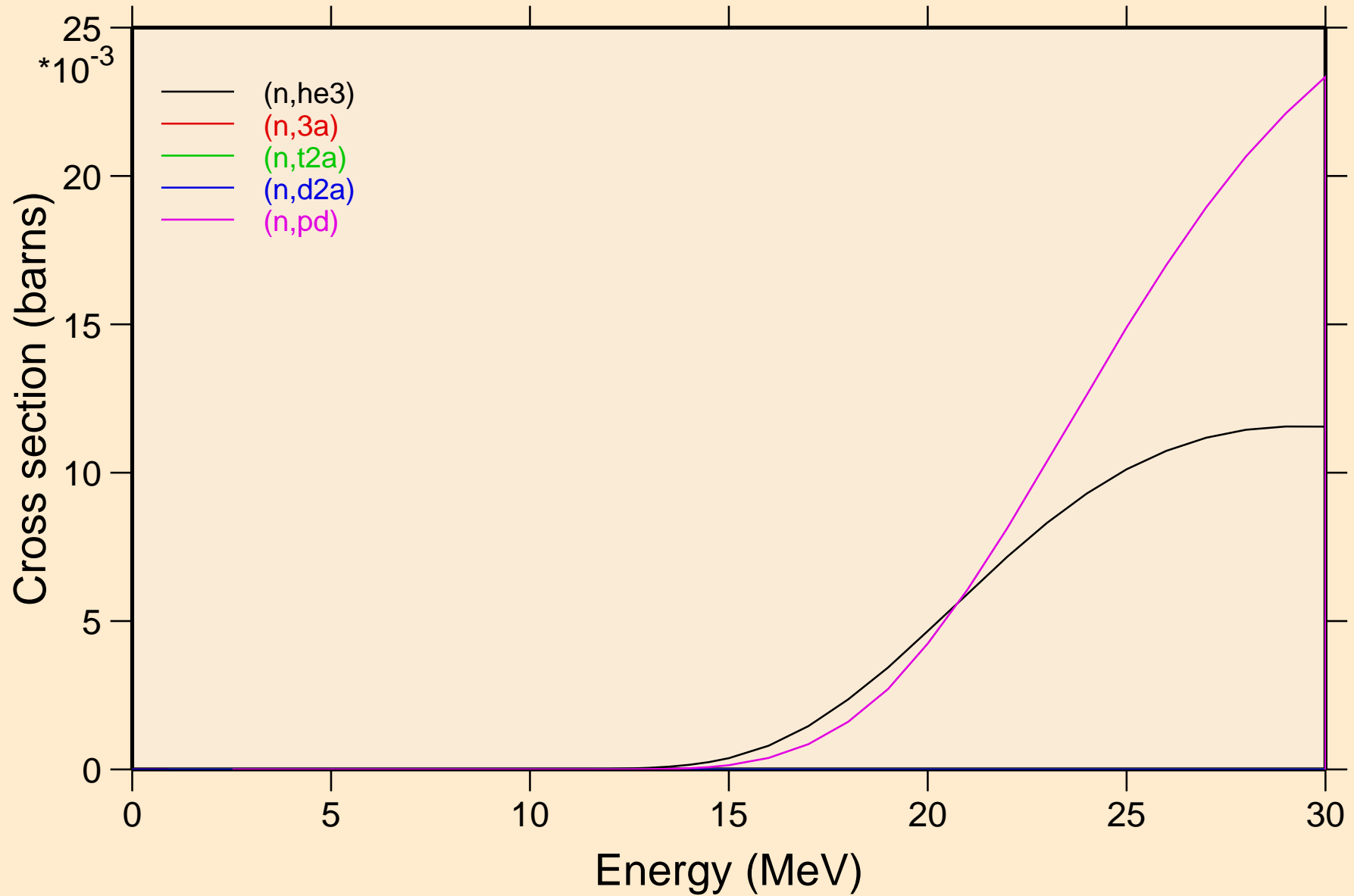
# PM131 NRG TENDL-2015, AKONING

## Threshold reactions



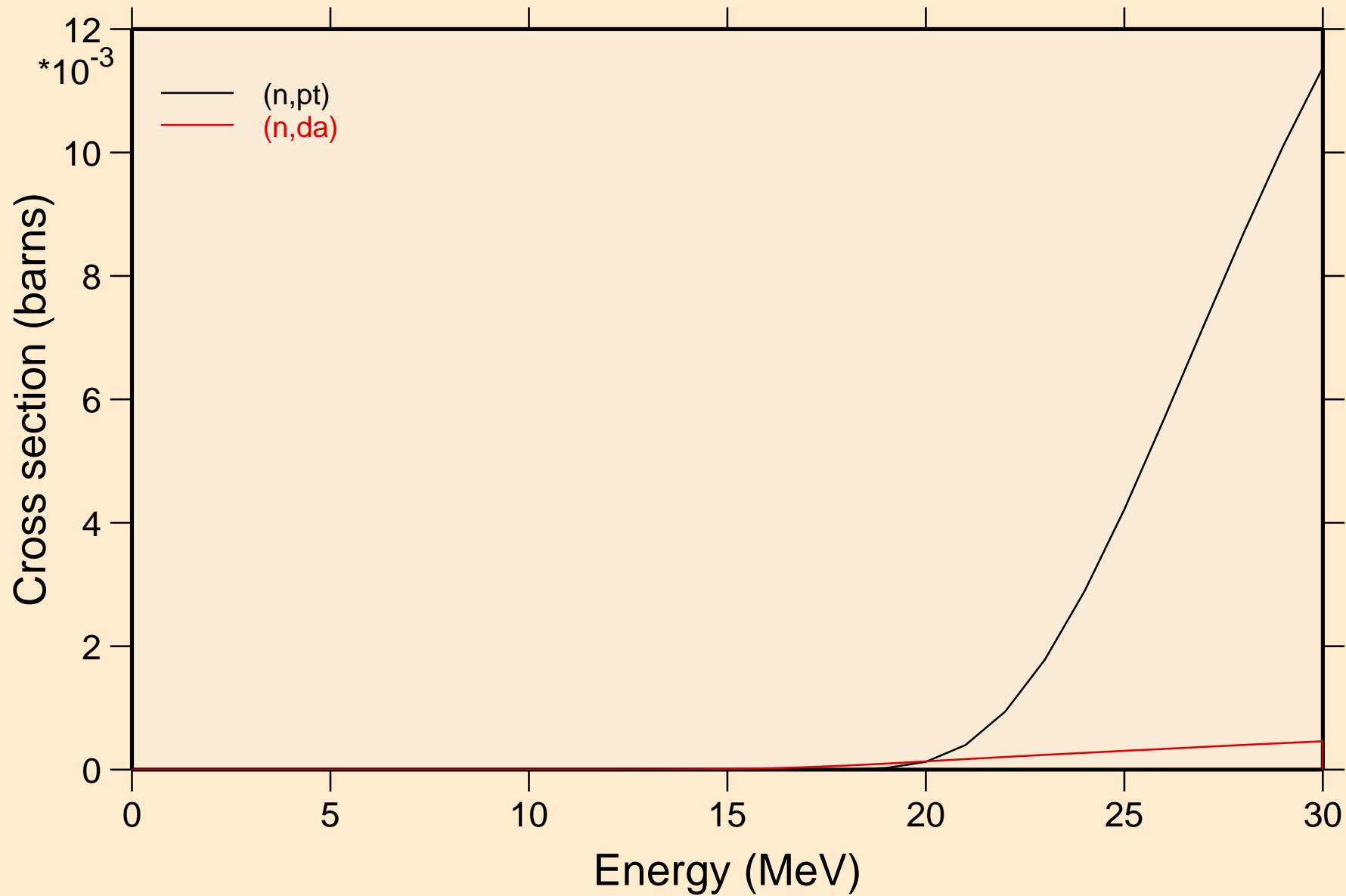
# PM131 NRG TENDL-2015, AKONING

## Threshold reactions

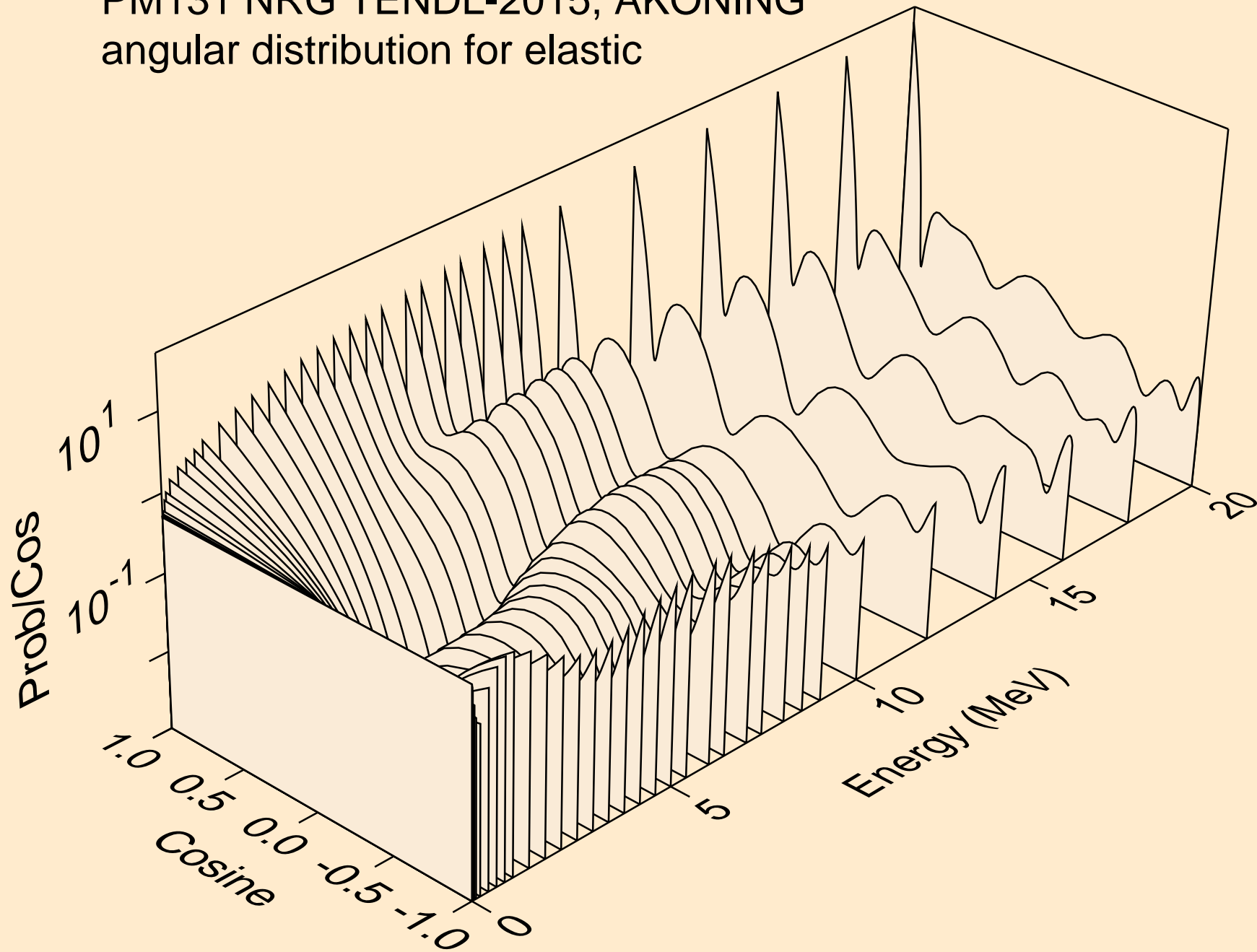


# PM131 NRG TENDL-2015, AKONING

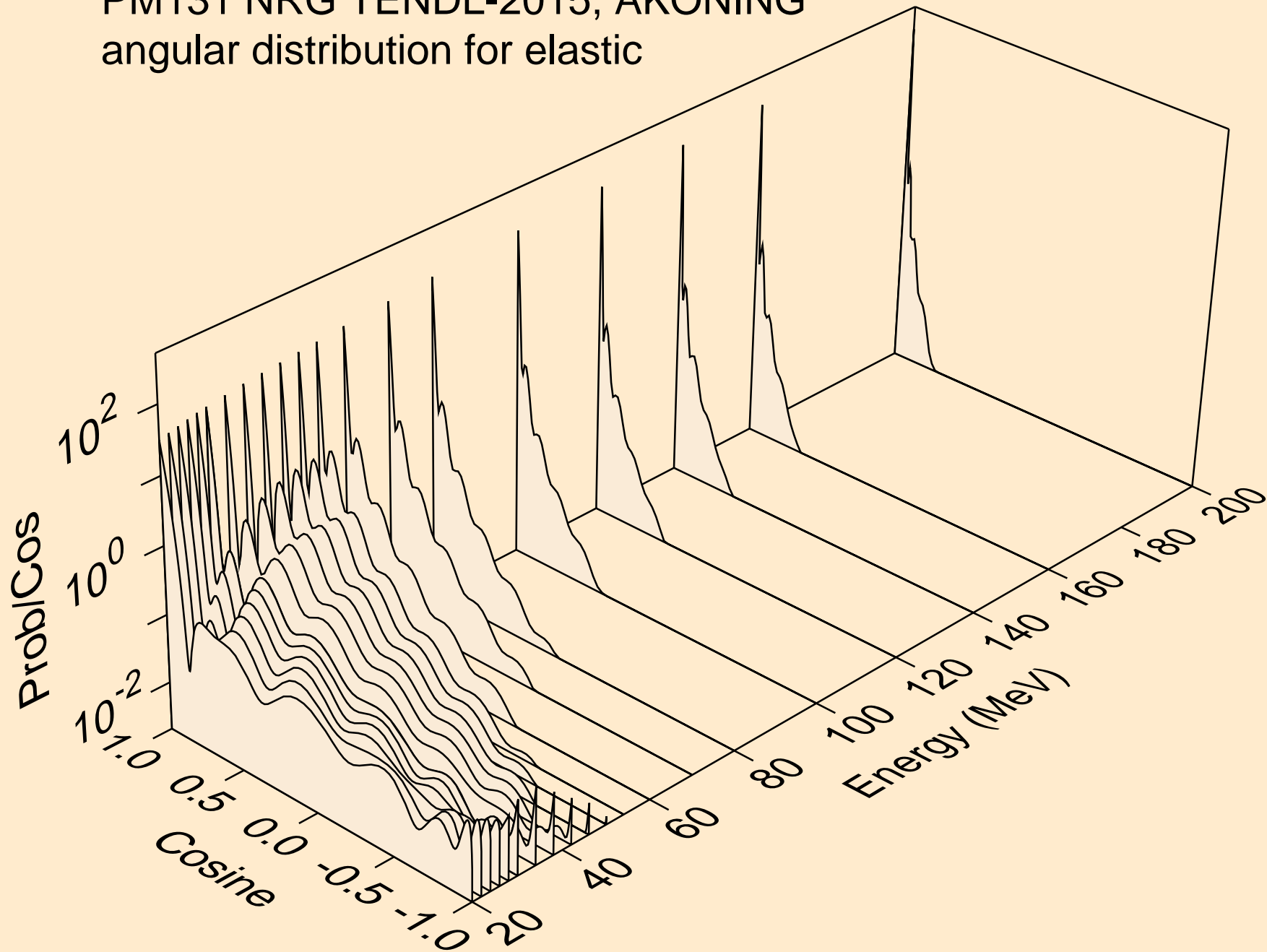
## Threshold reactions



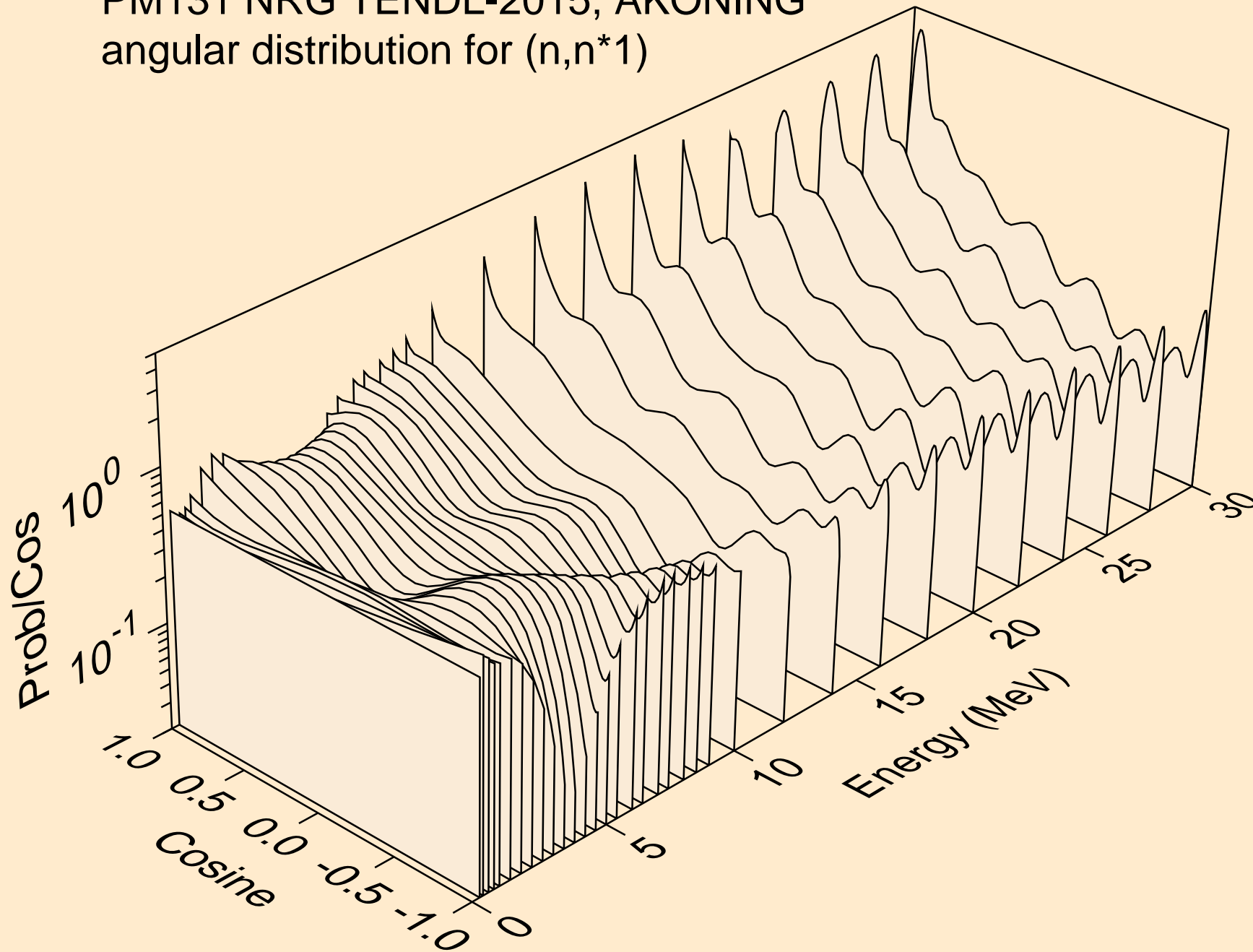
PM131 NRG TENDL-2015, AKONING  
angular distribution for elastic



PM131 NRG TENDL-2015, AKONING  
angular distribution for elastic

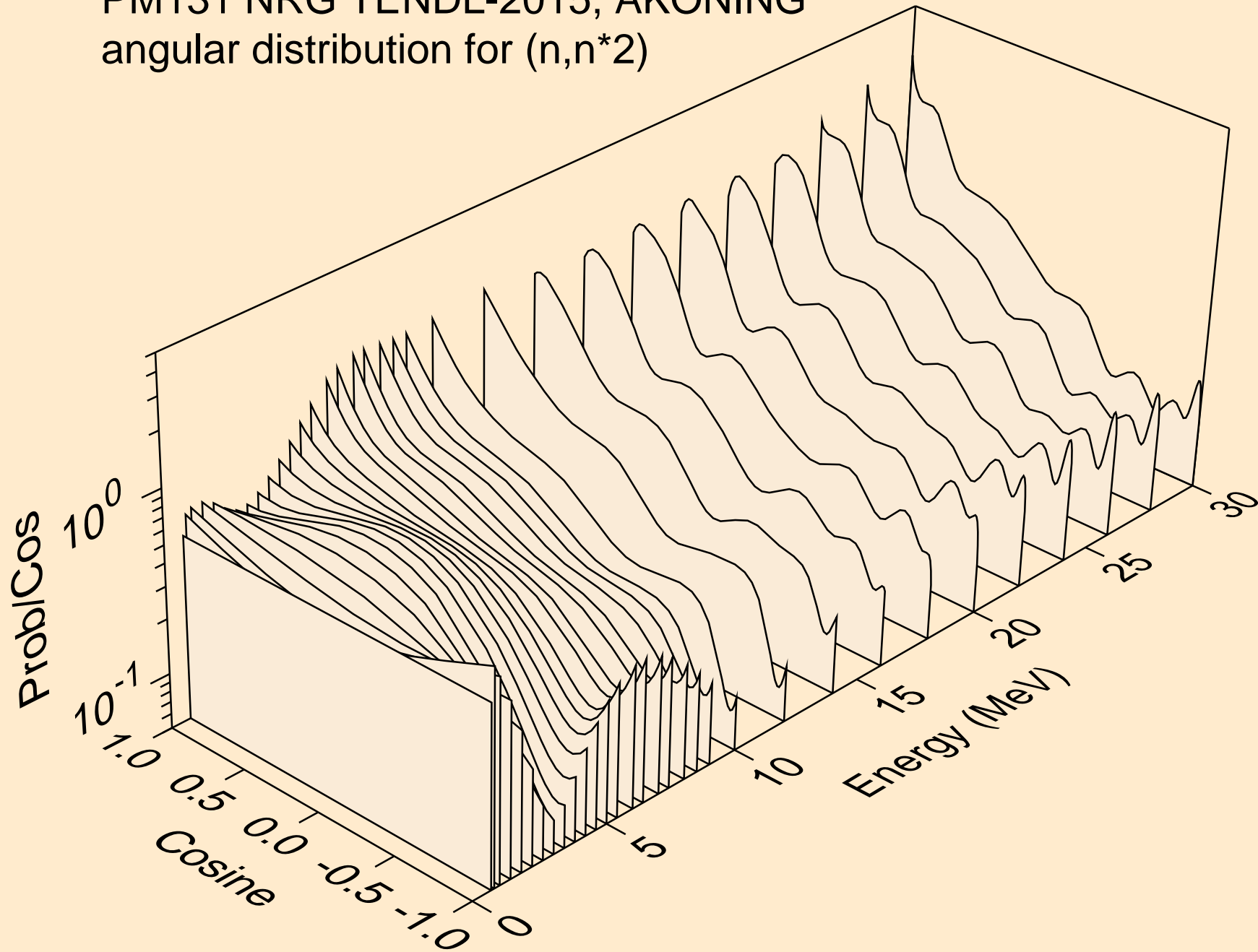


PM131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

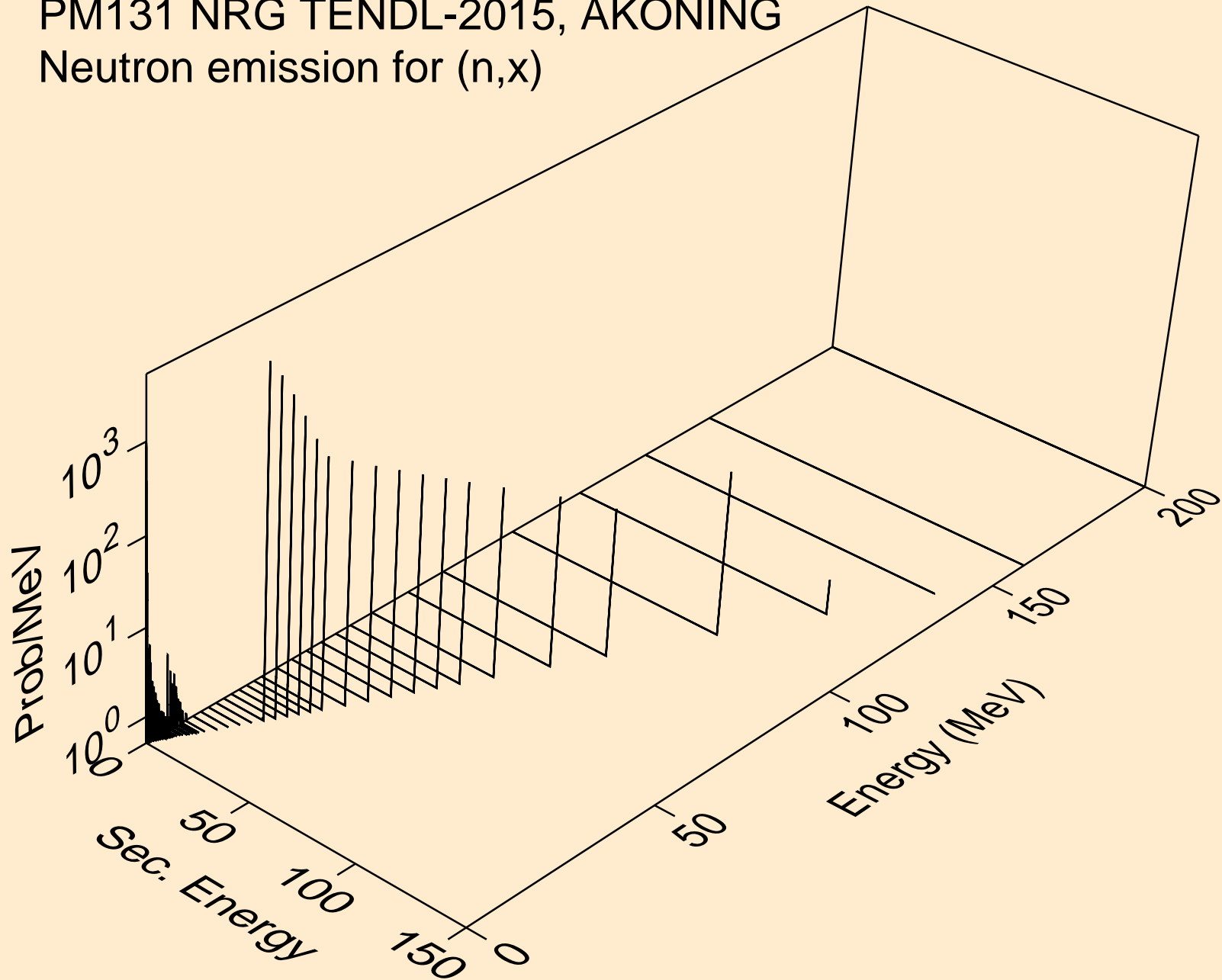




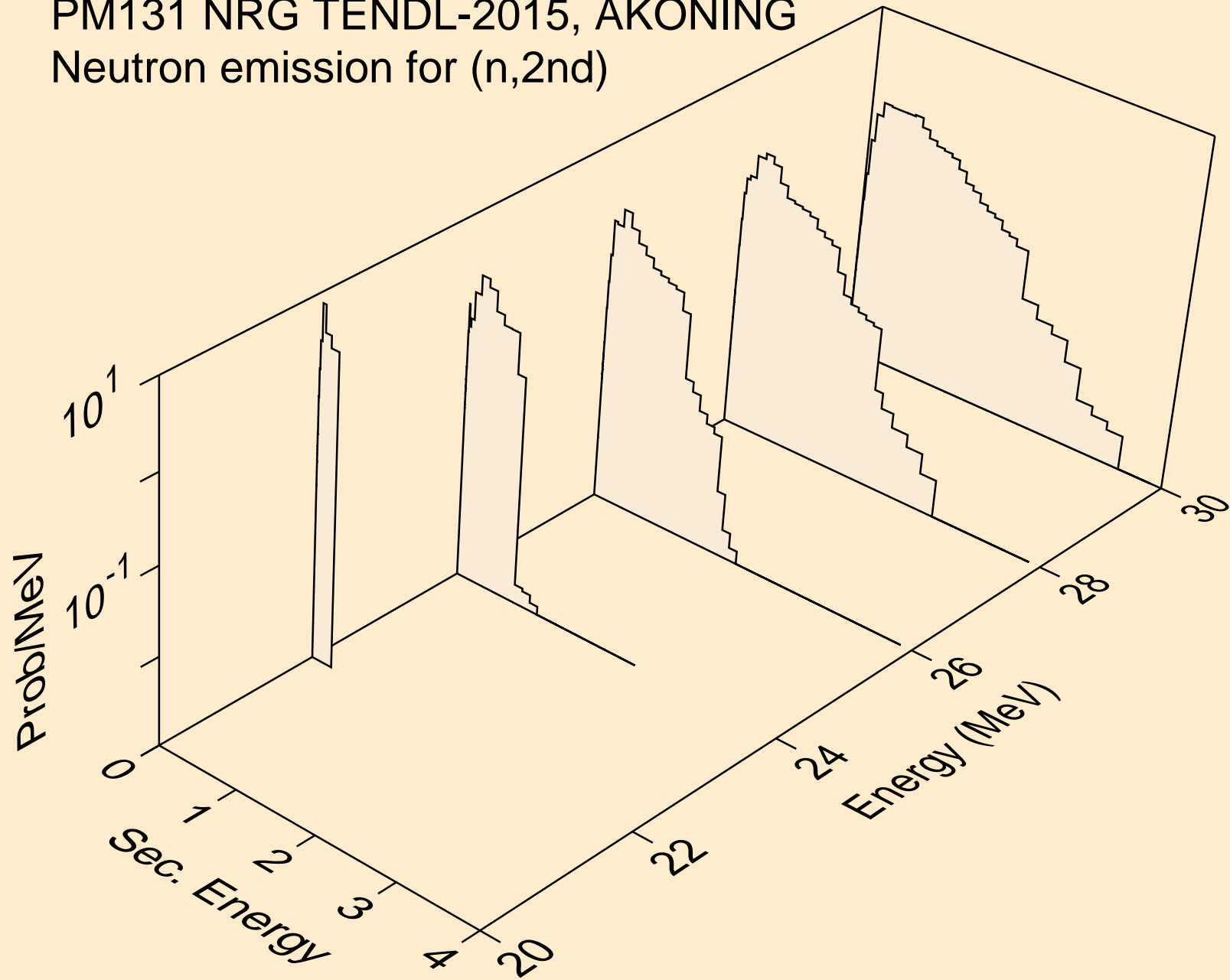
PM131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



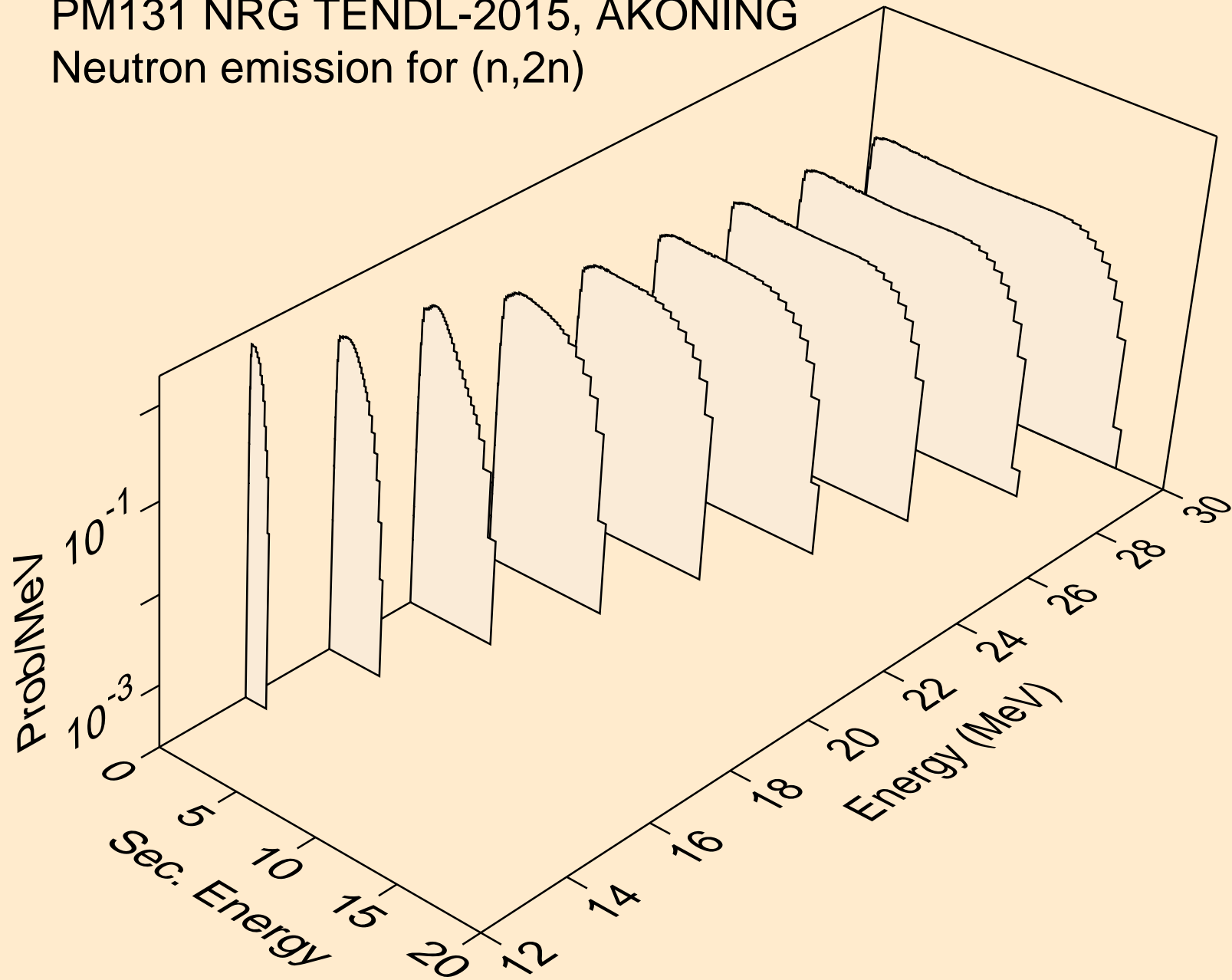
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



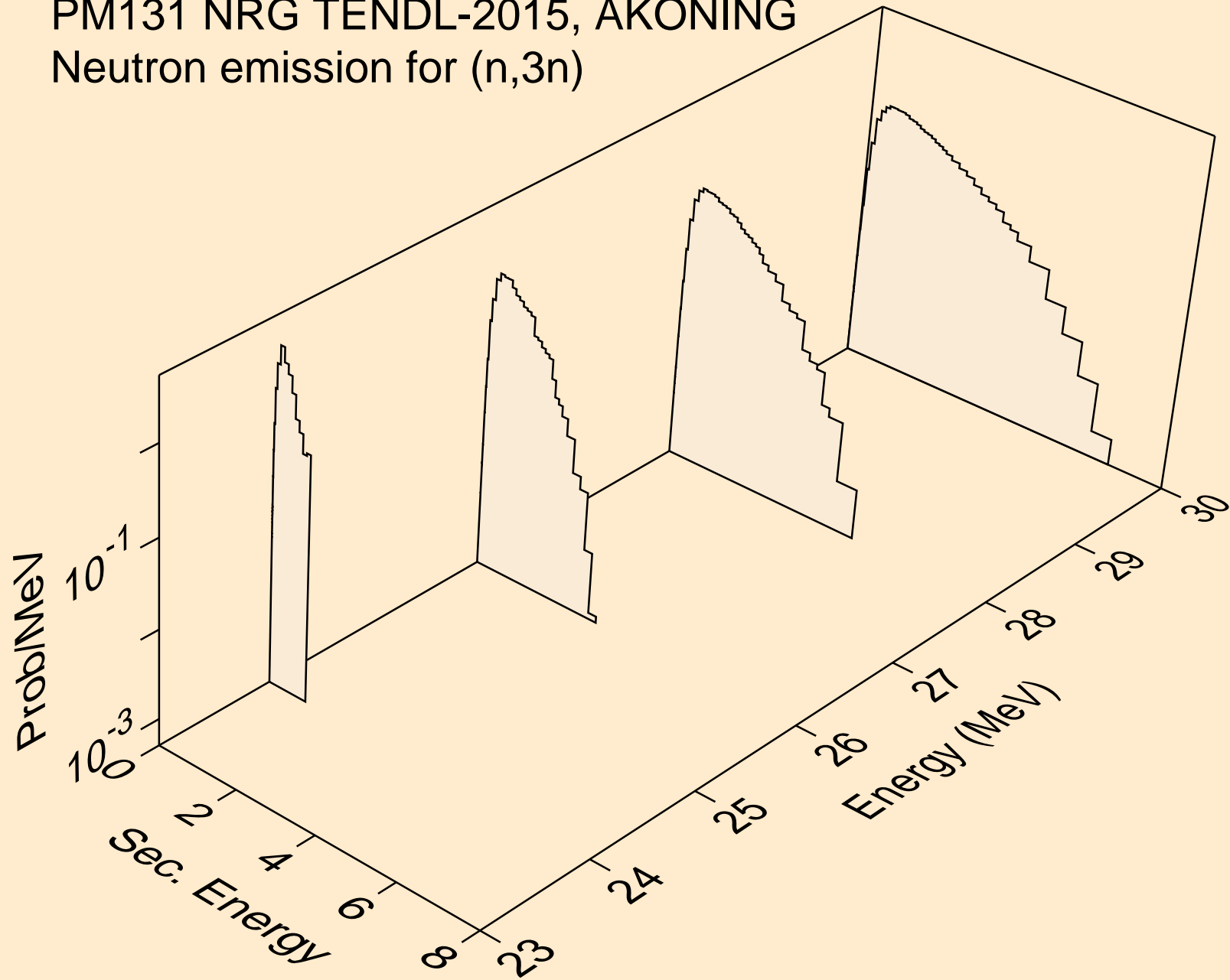
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



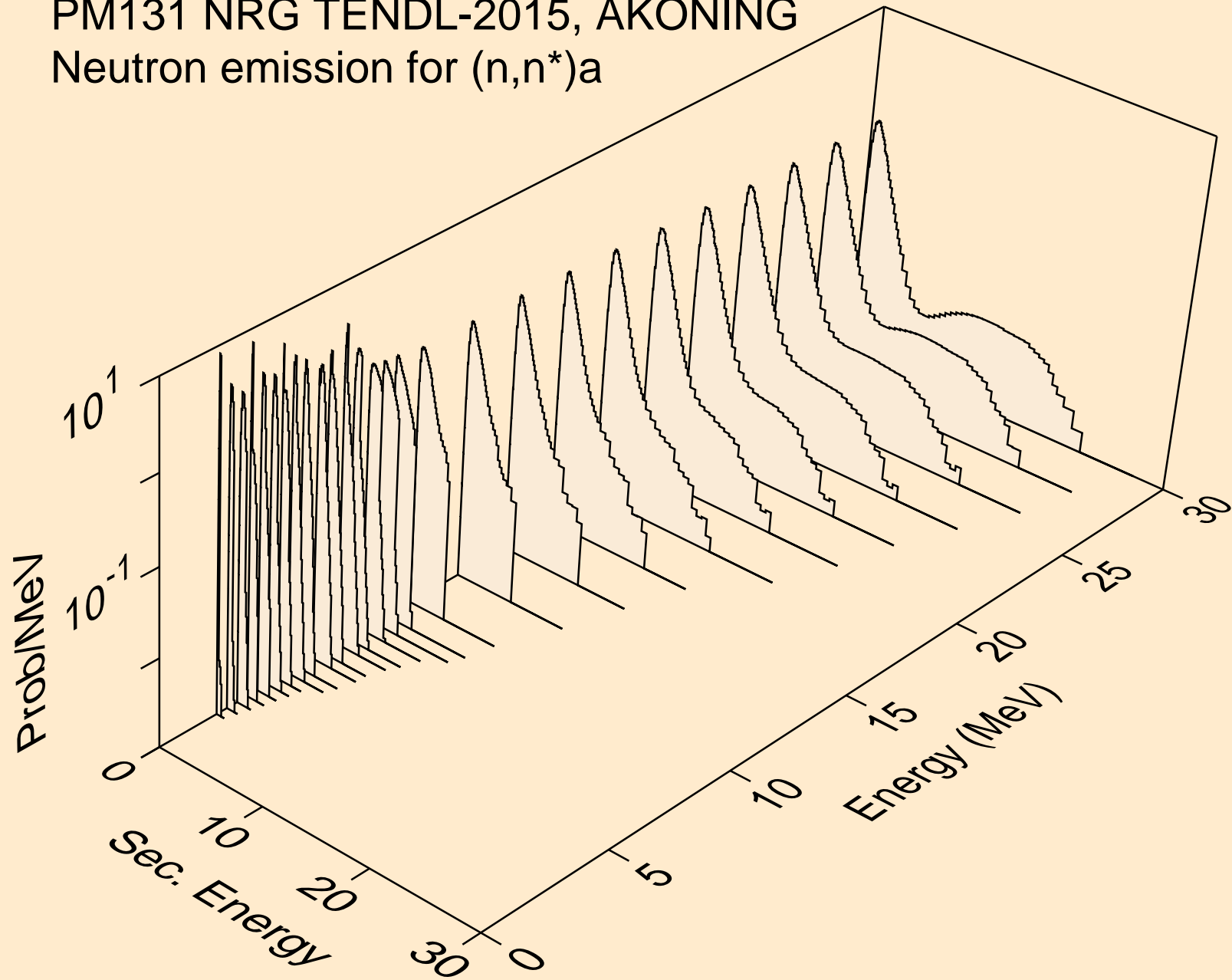
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



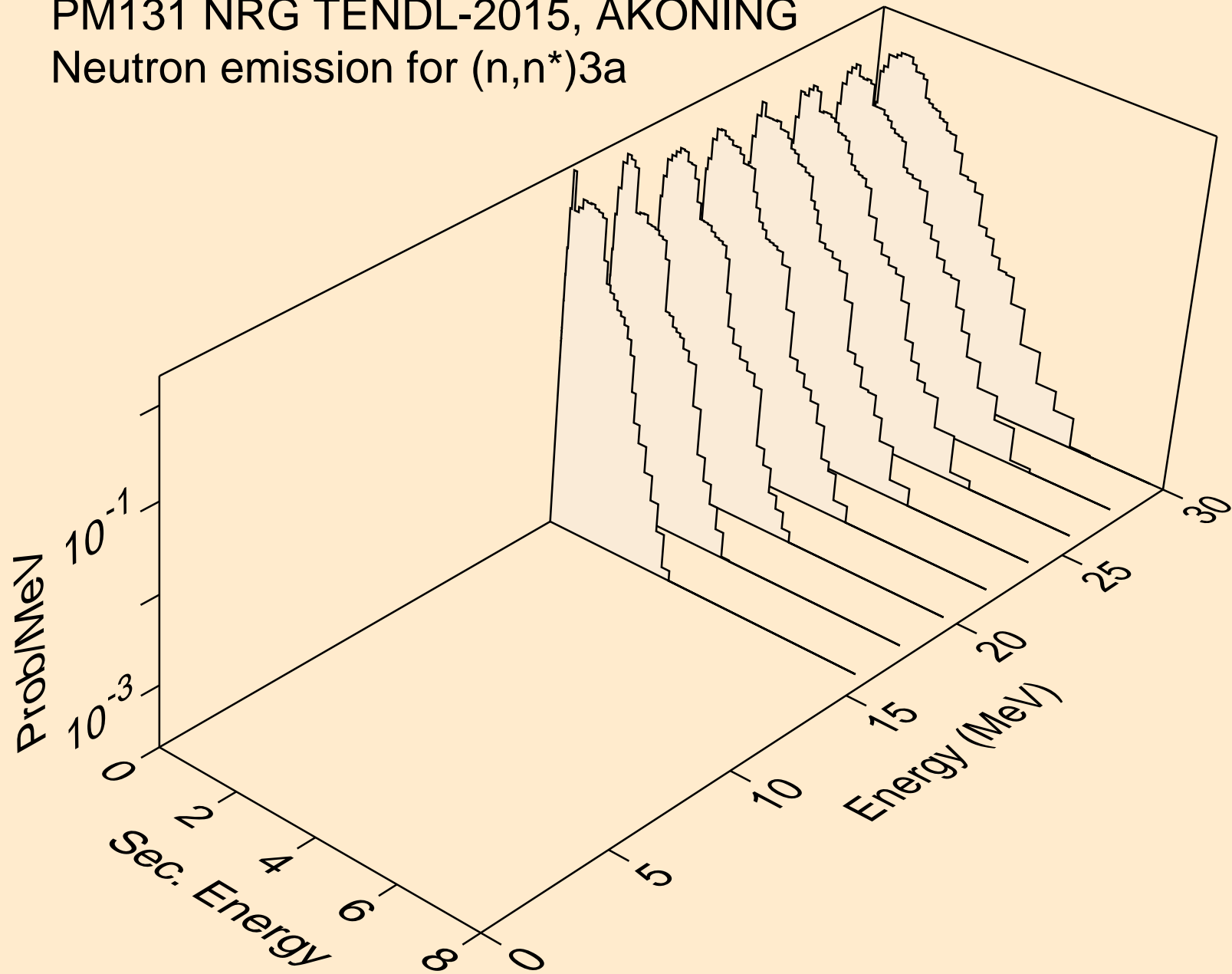
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



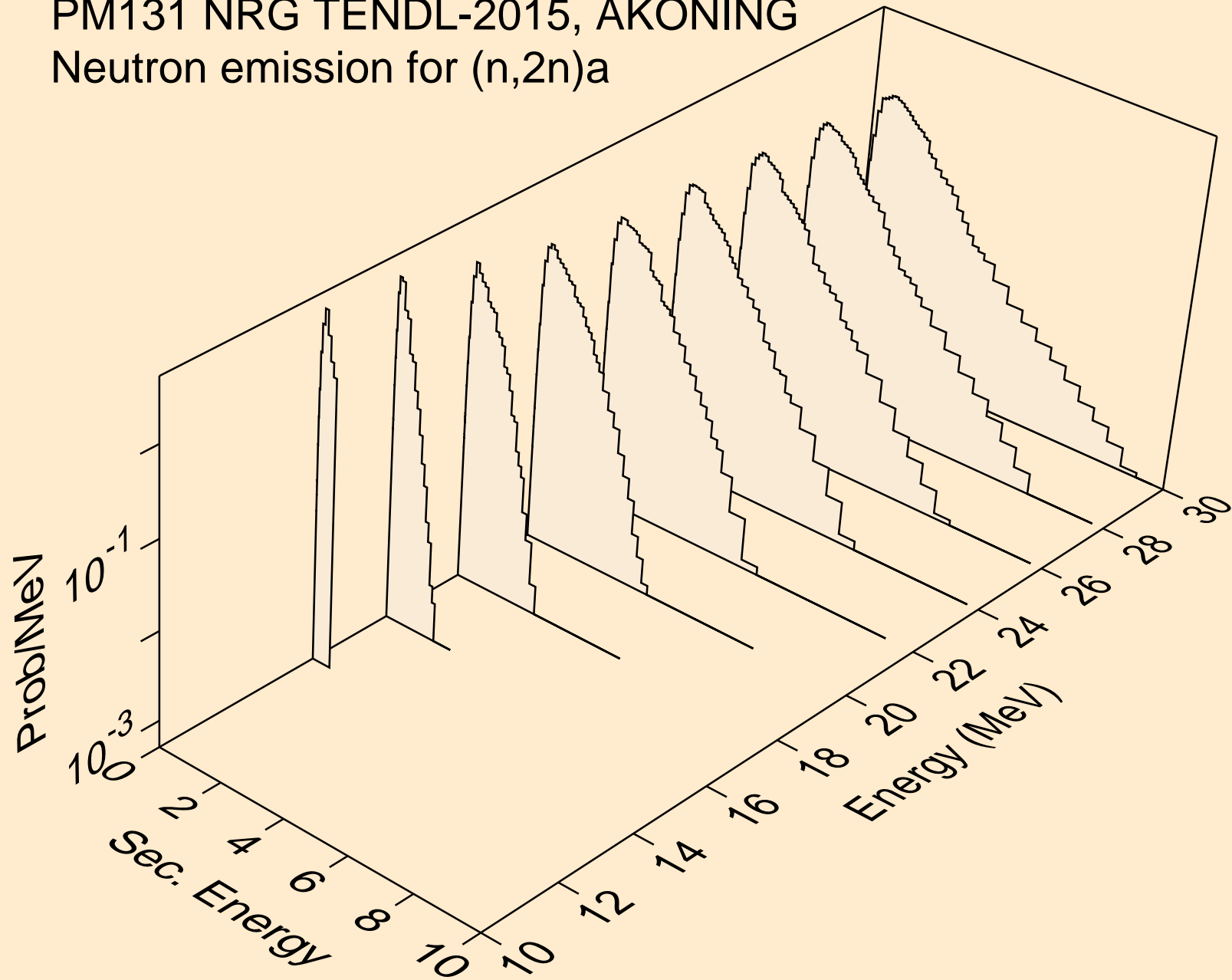
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

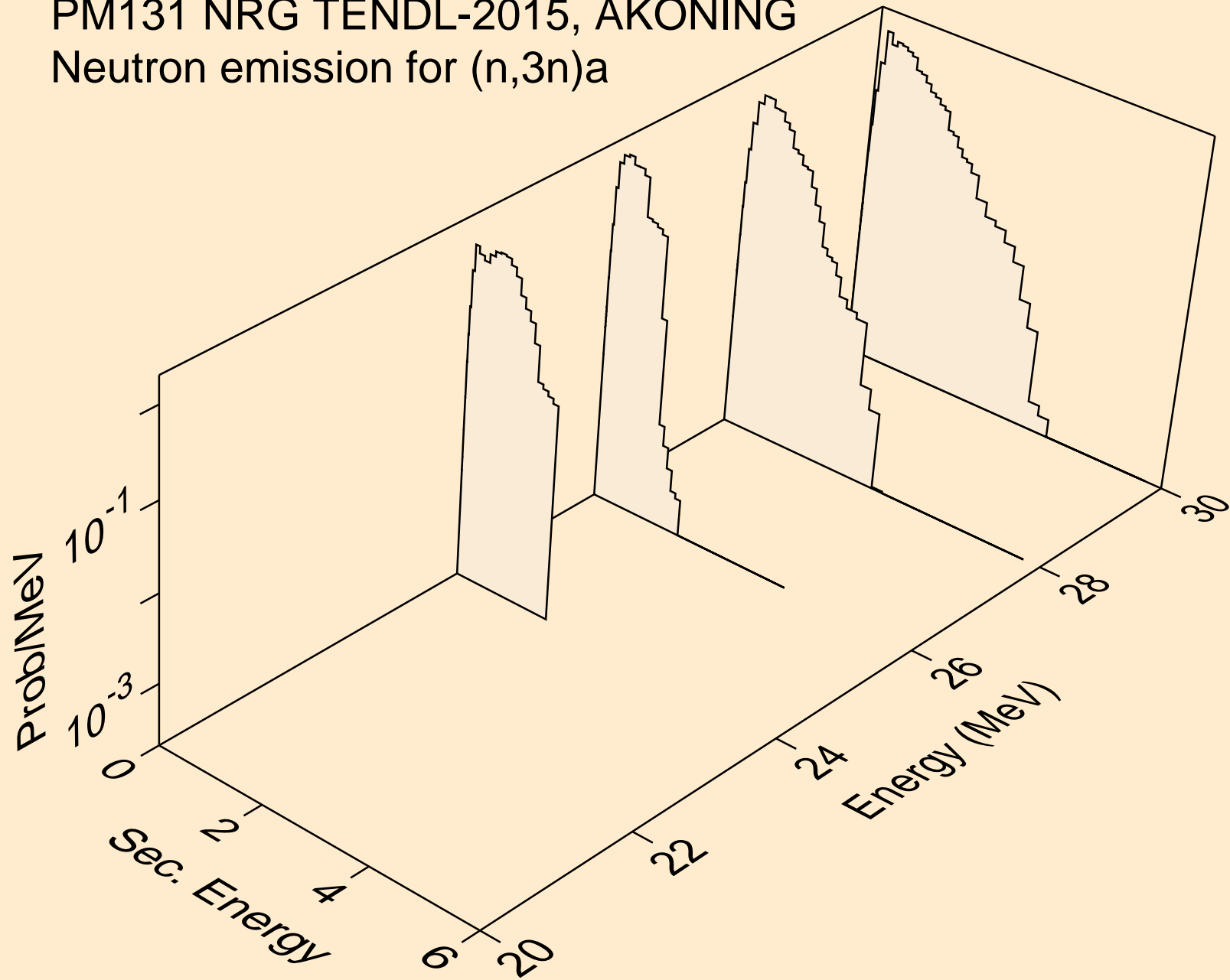


PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

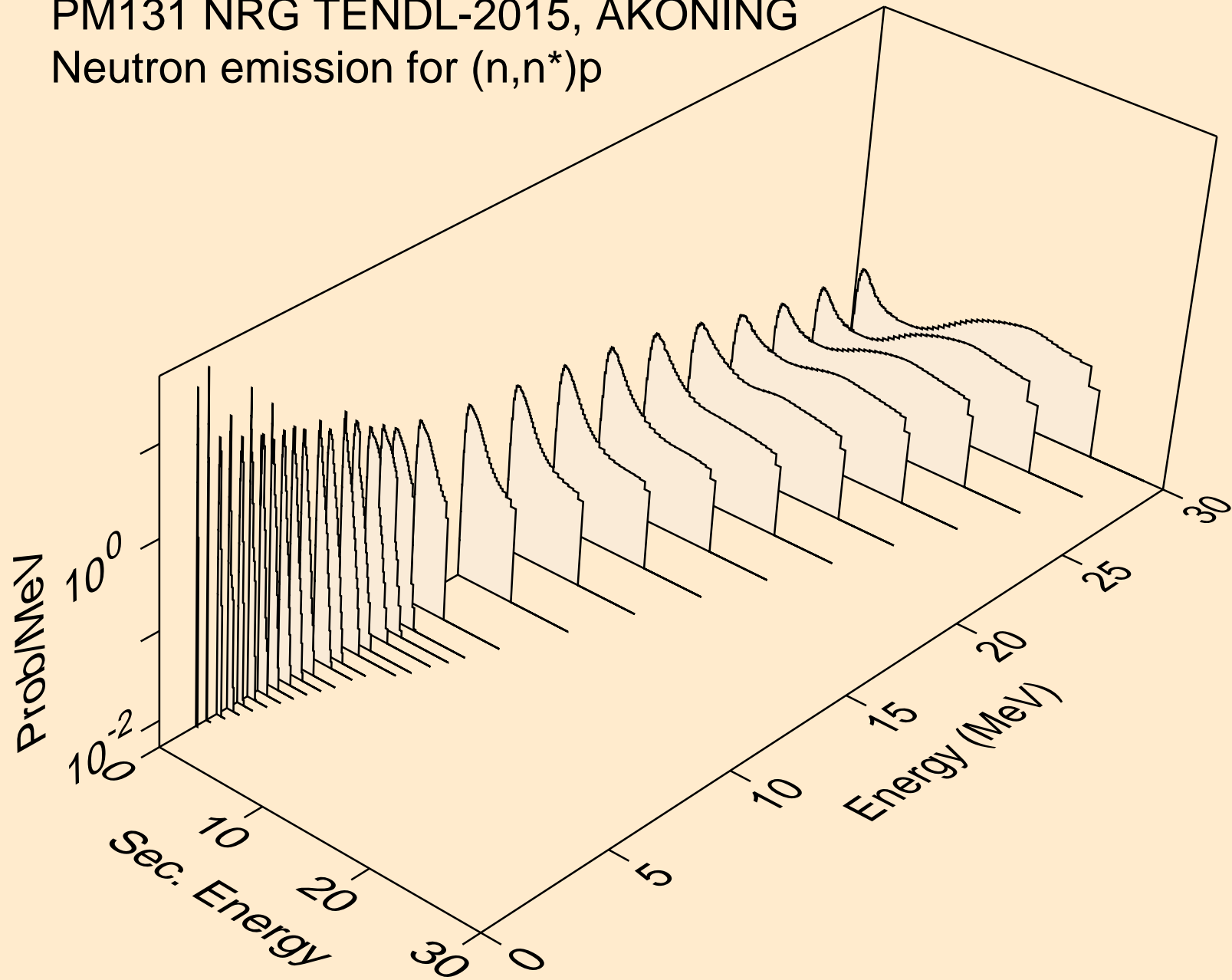




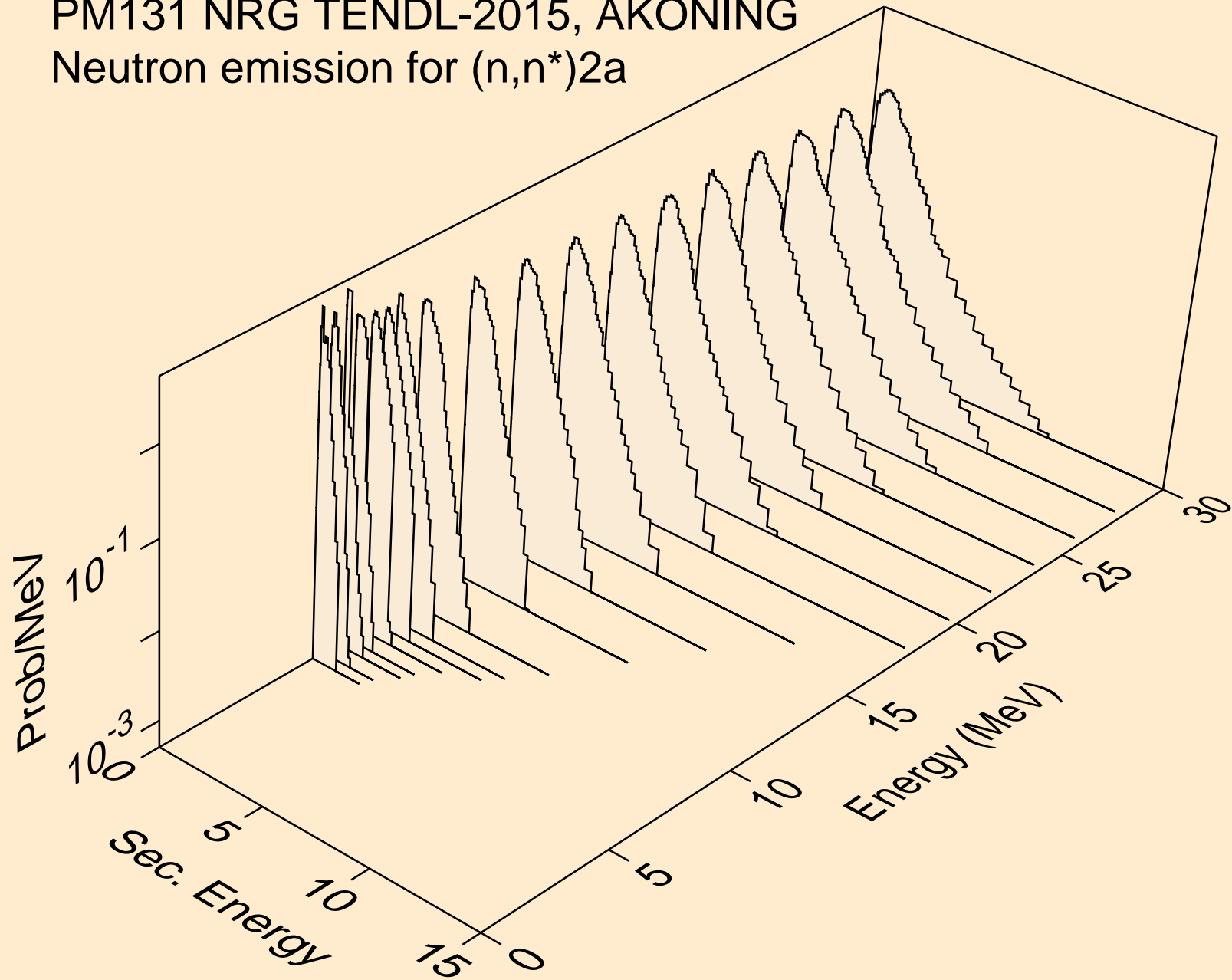
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



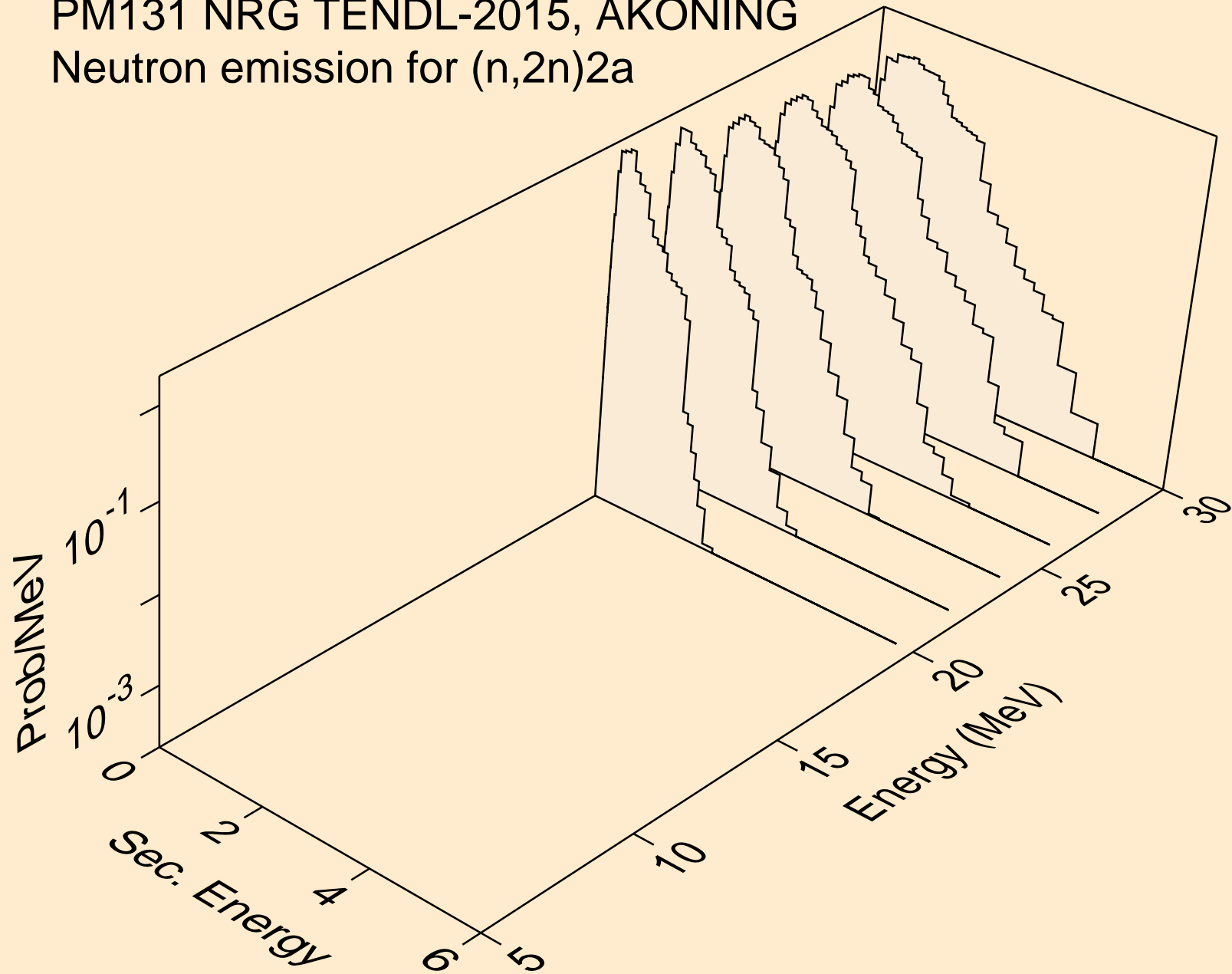
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



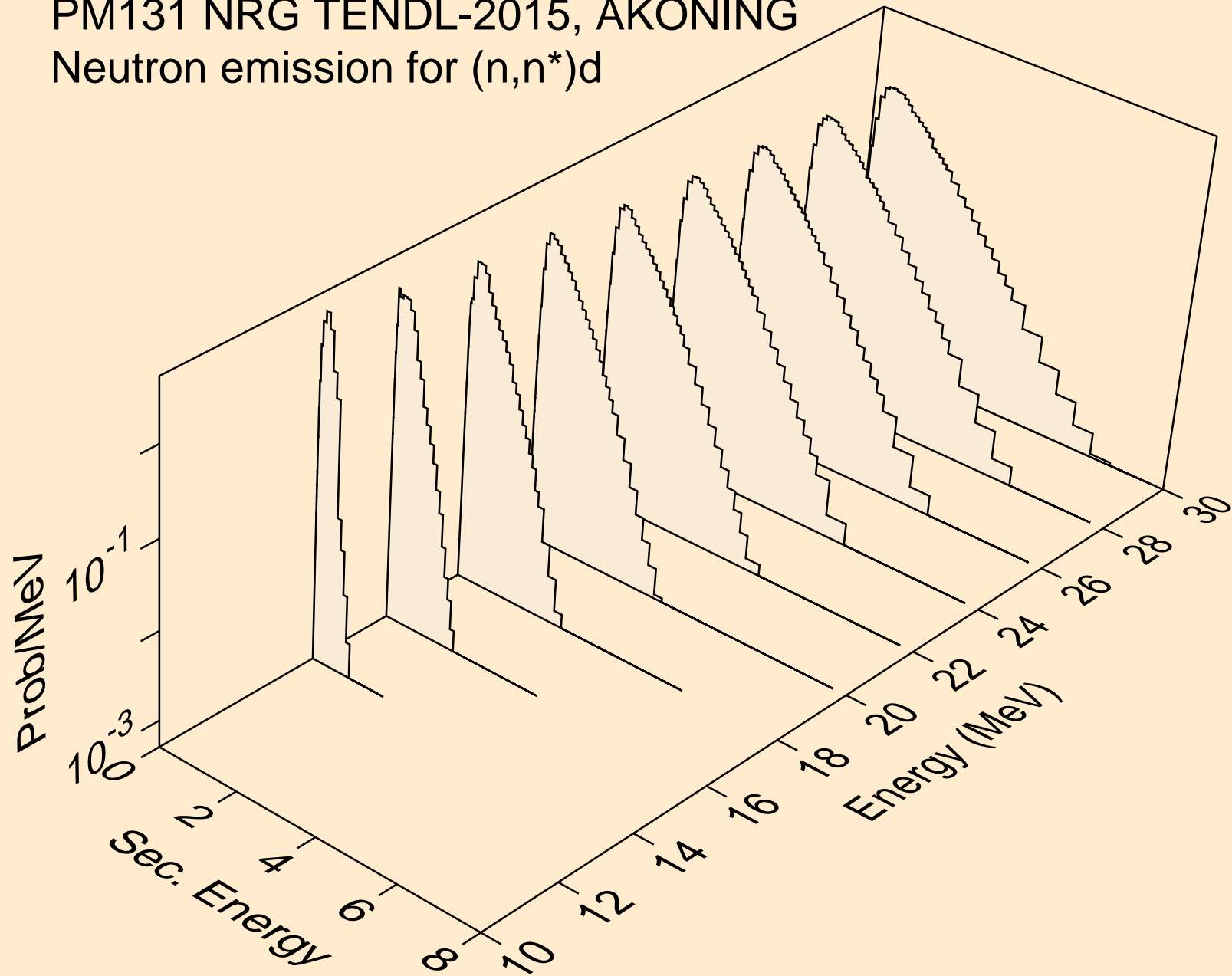
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



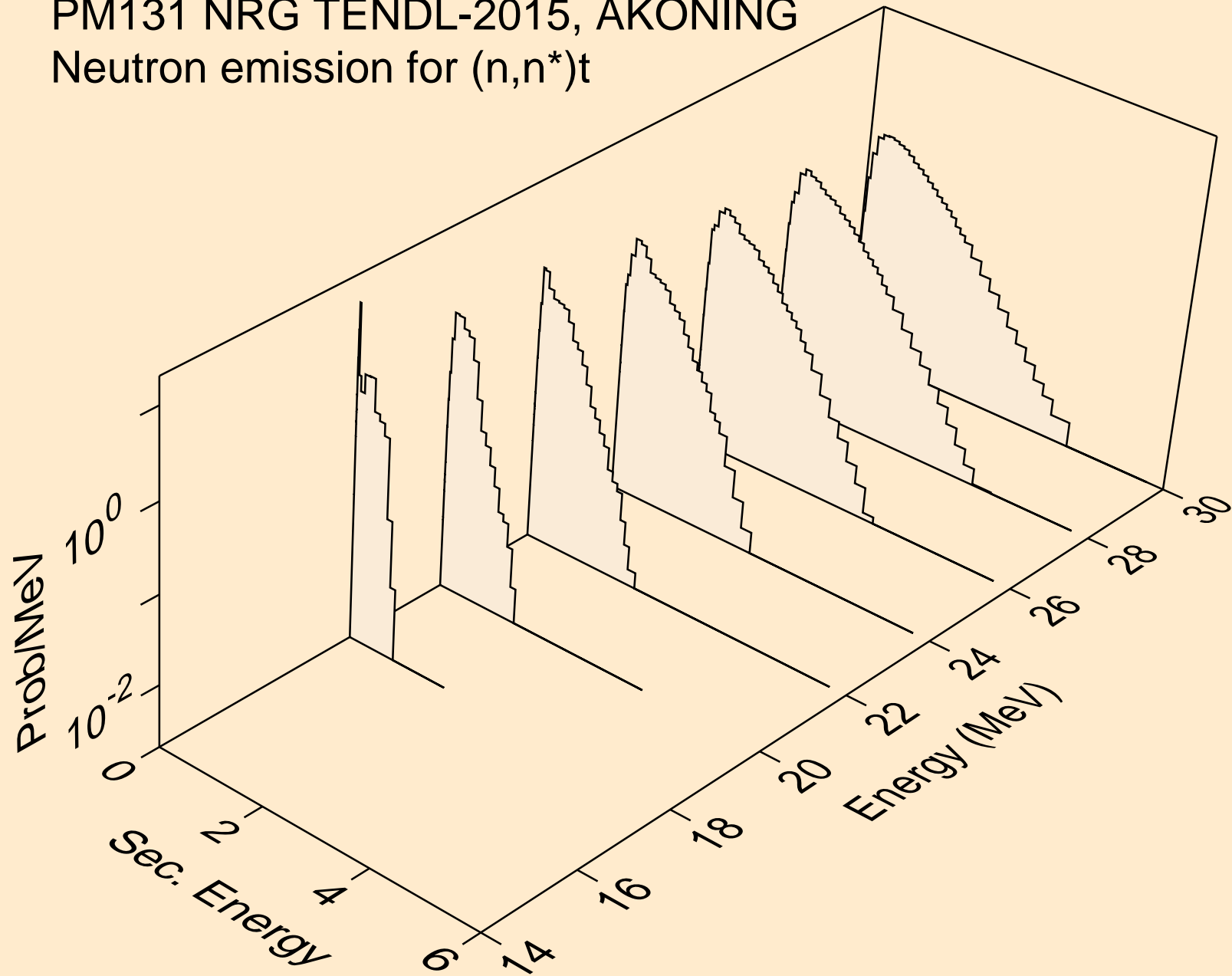
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



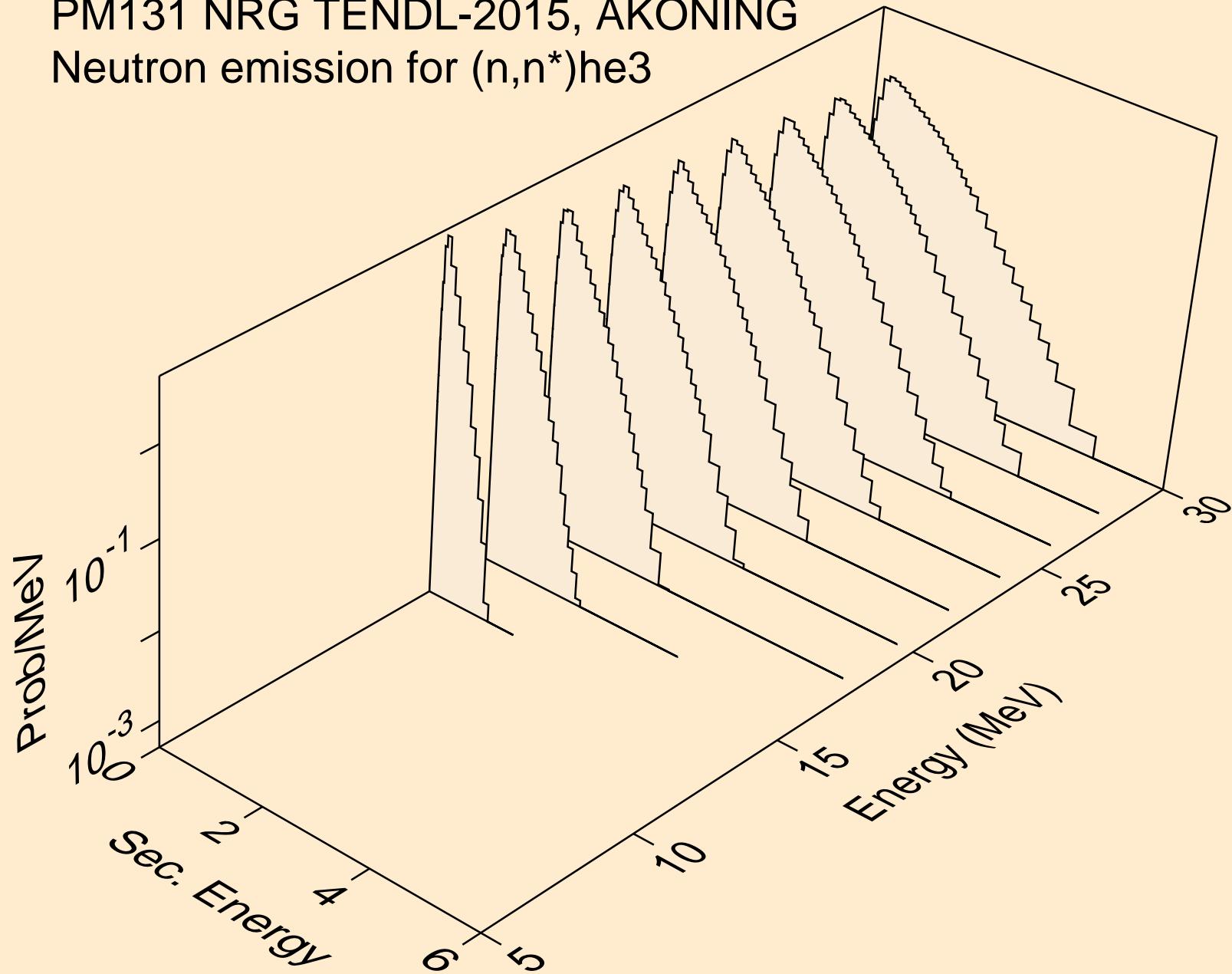
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



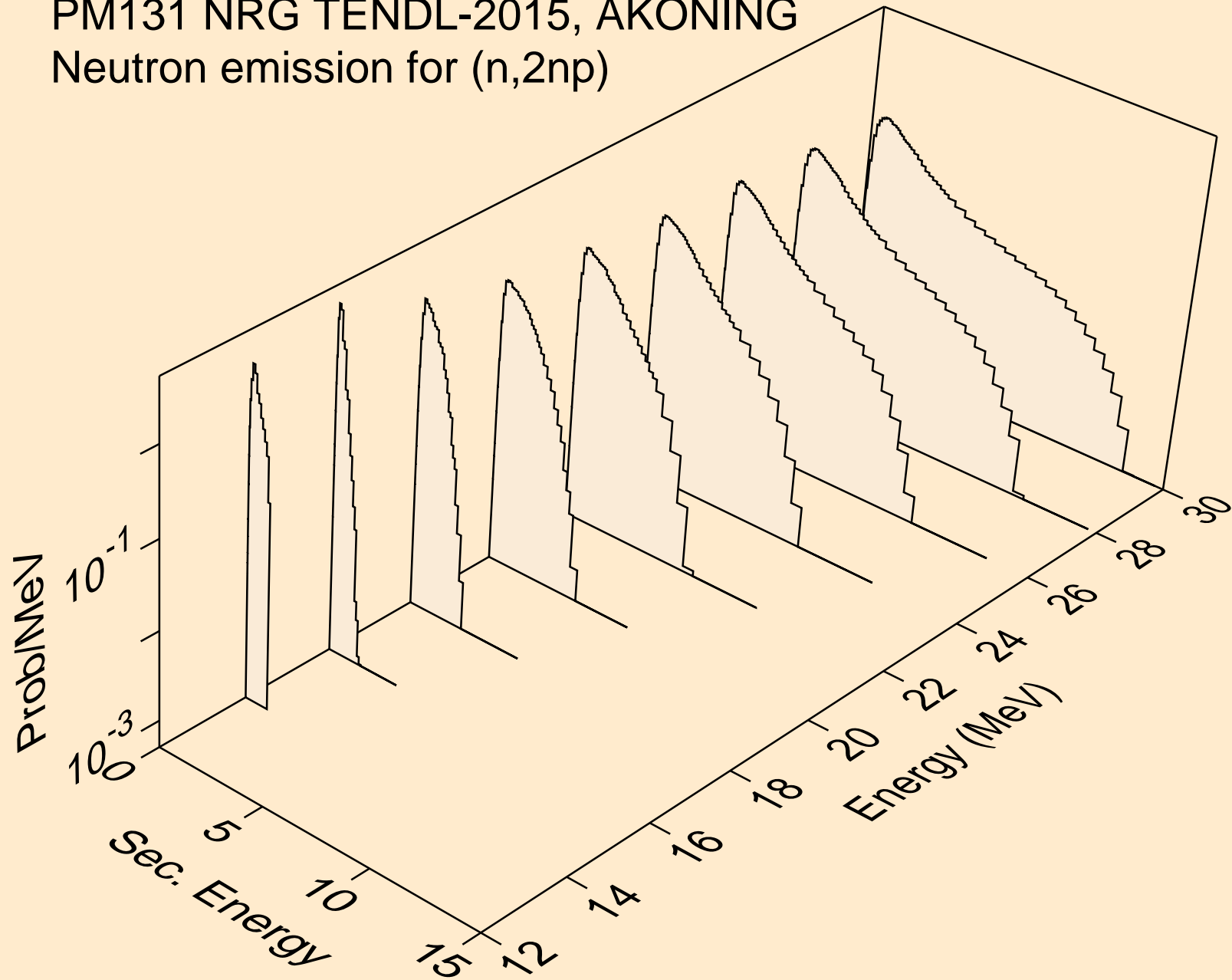
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

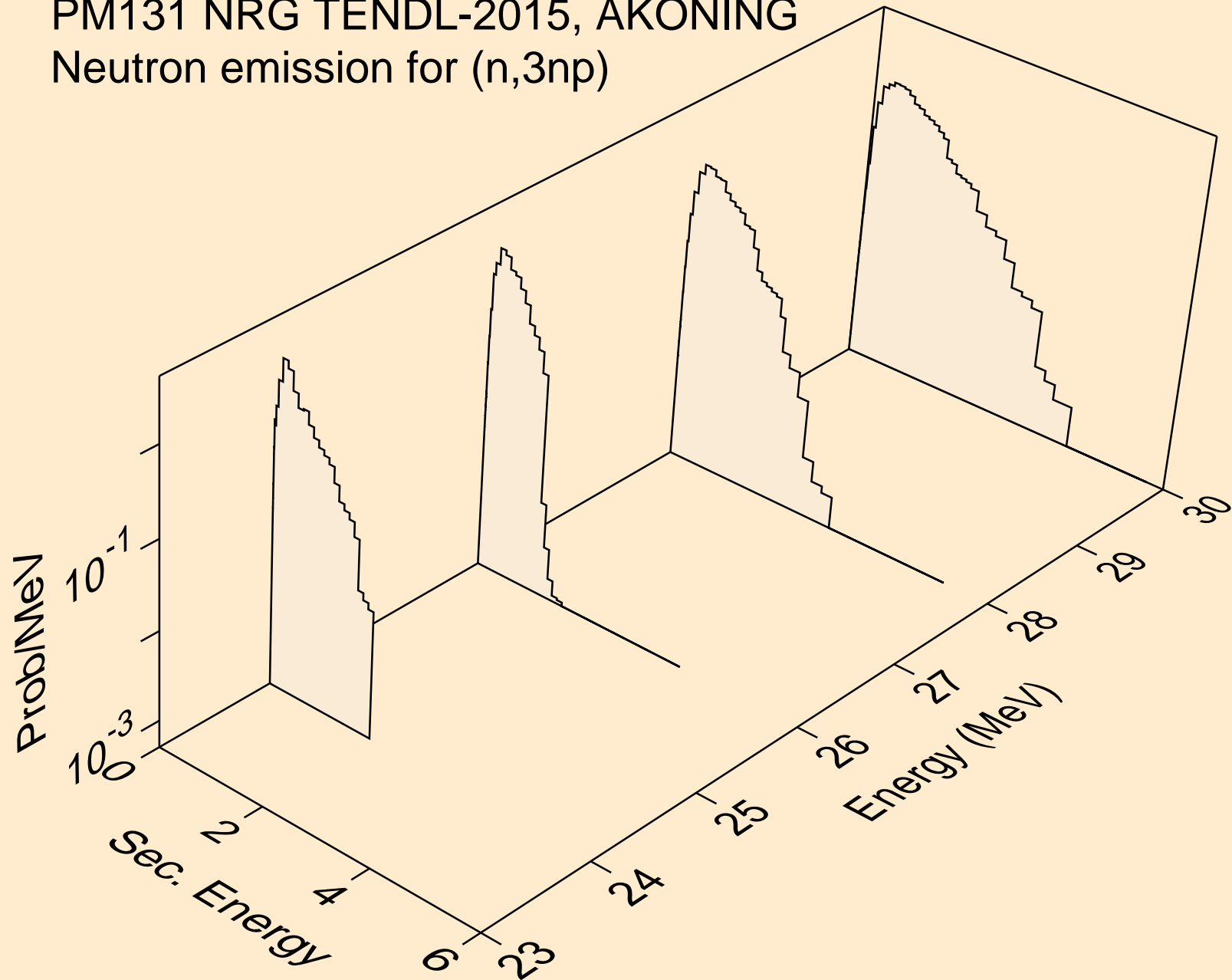


PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

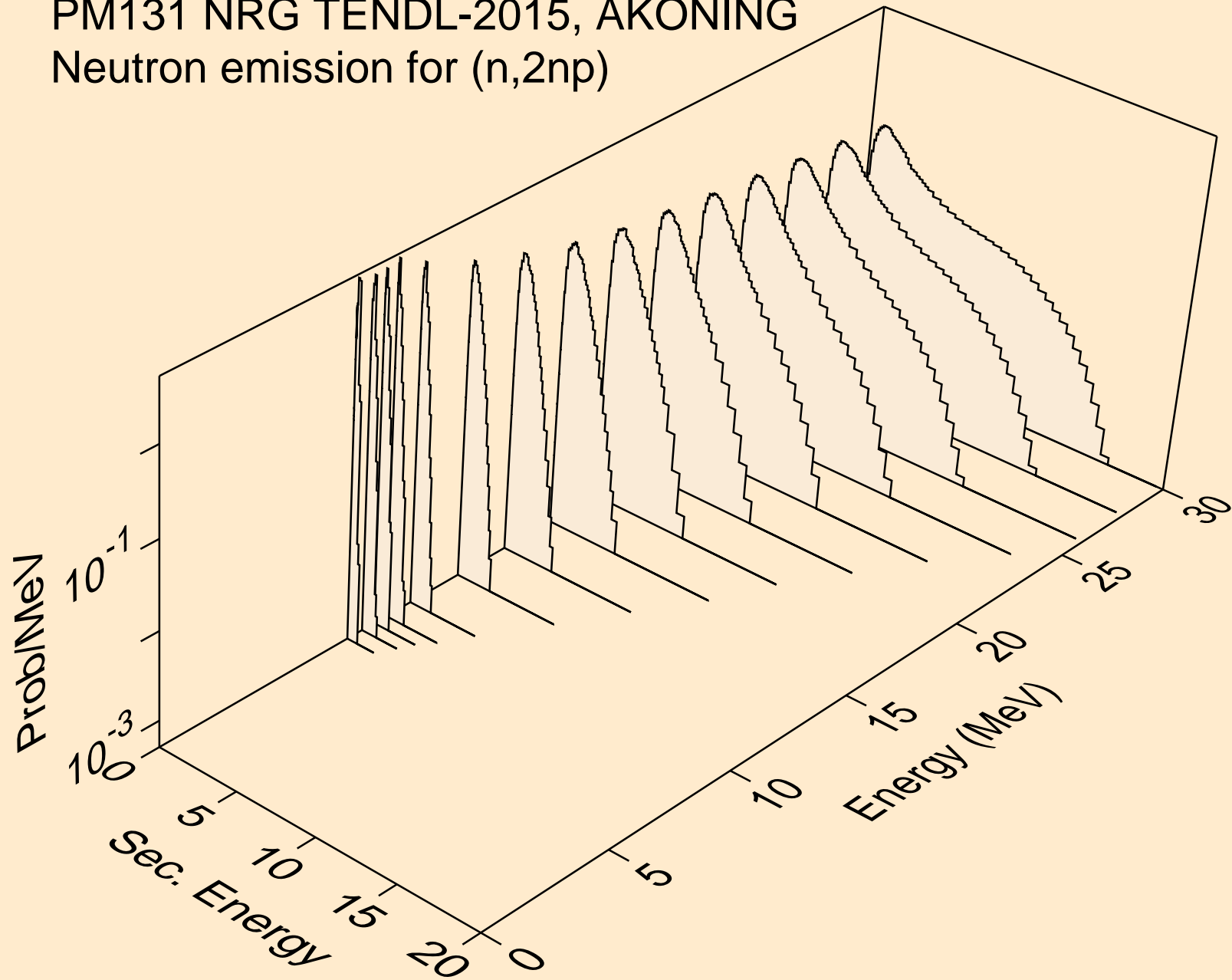




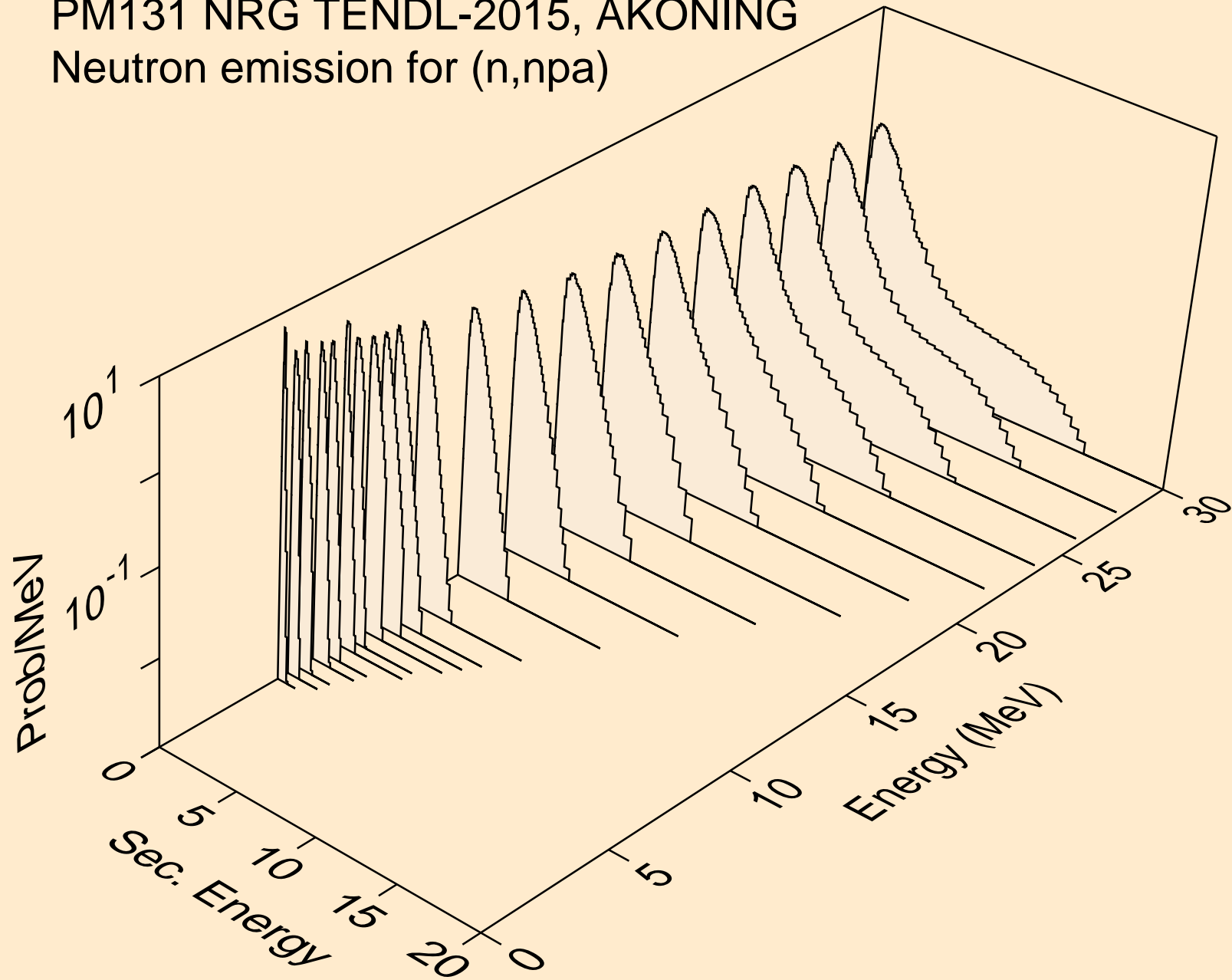
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



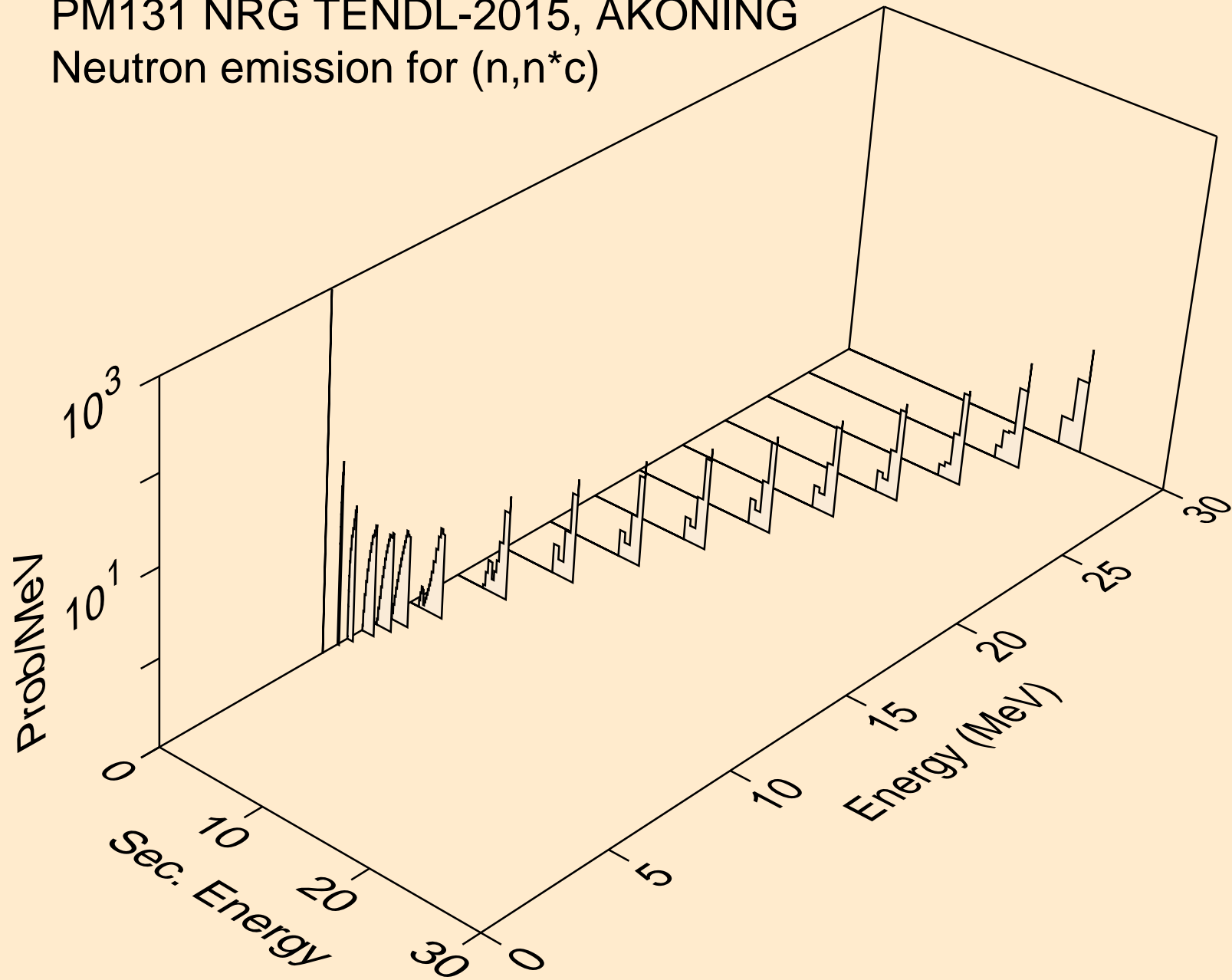
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



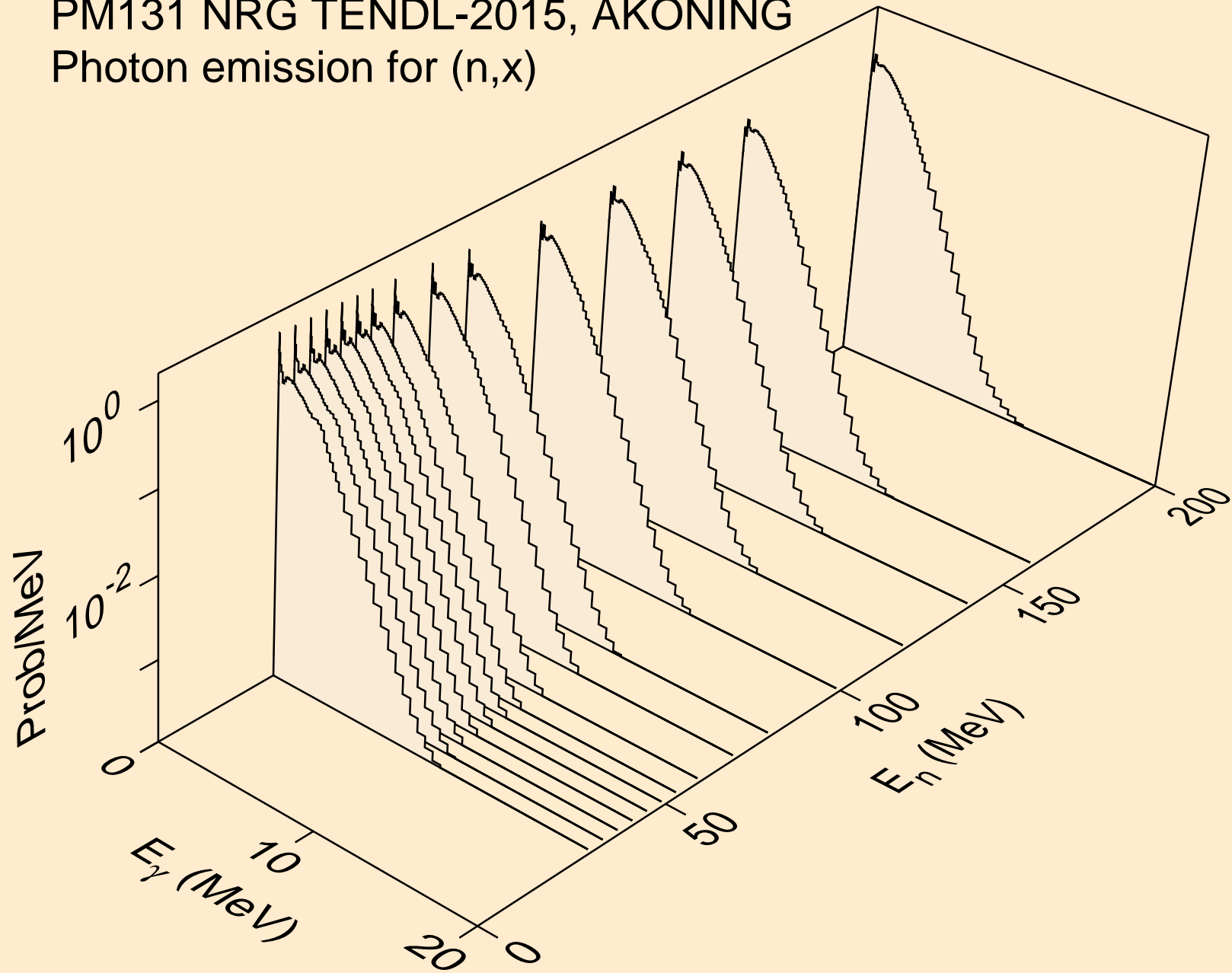
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



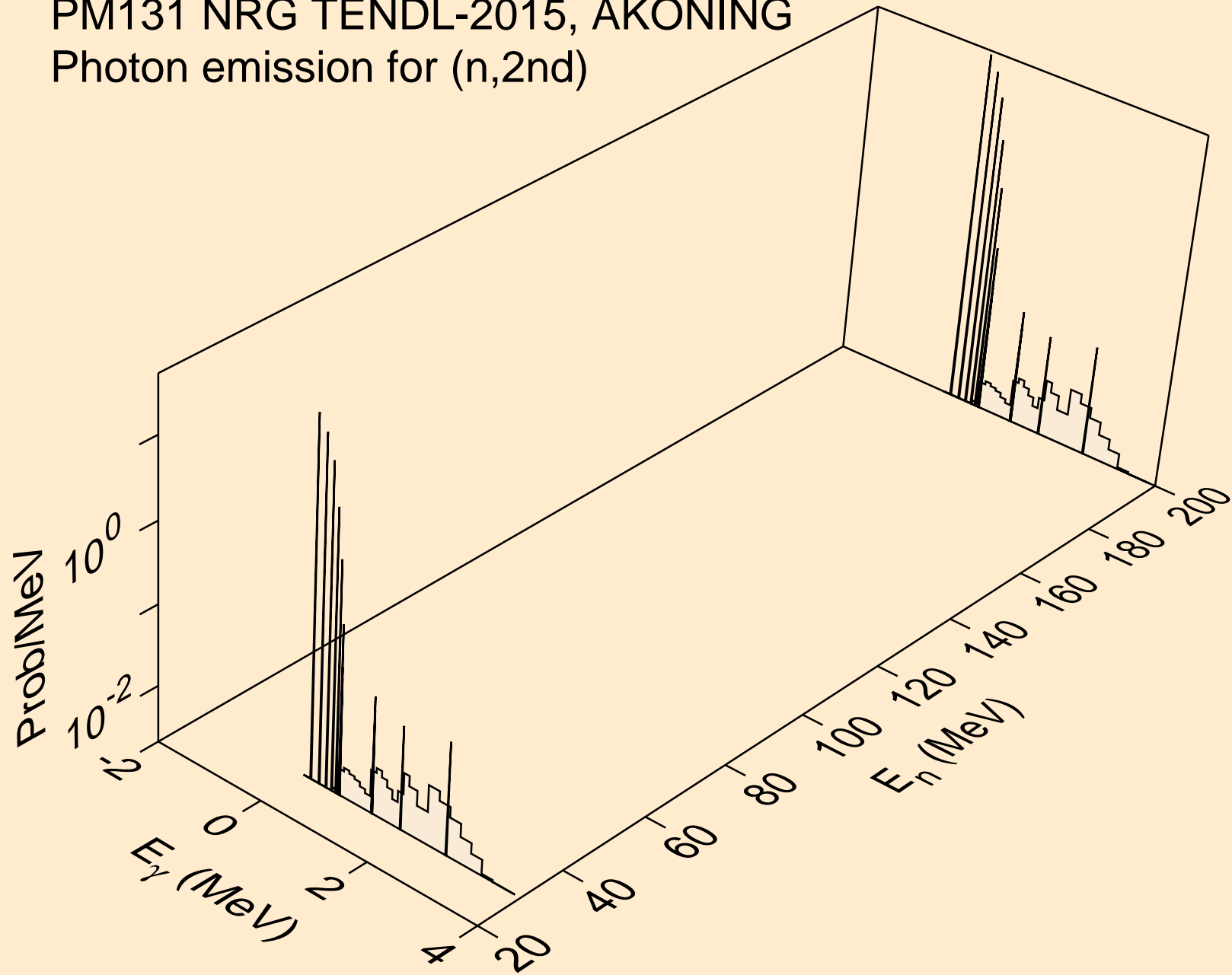
PM131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



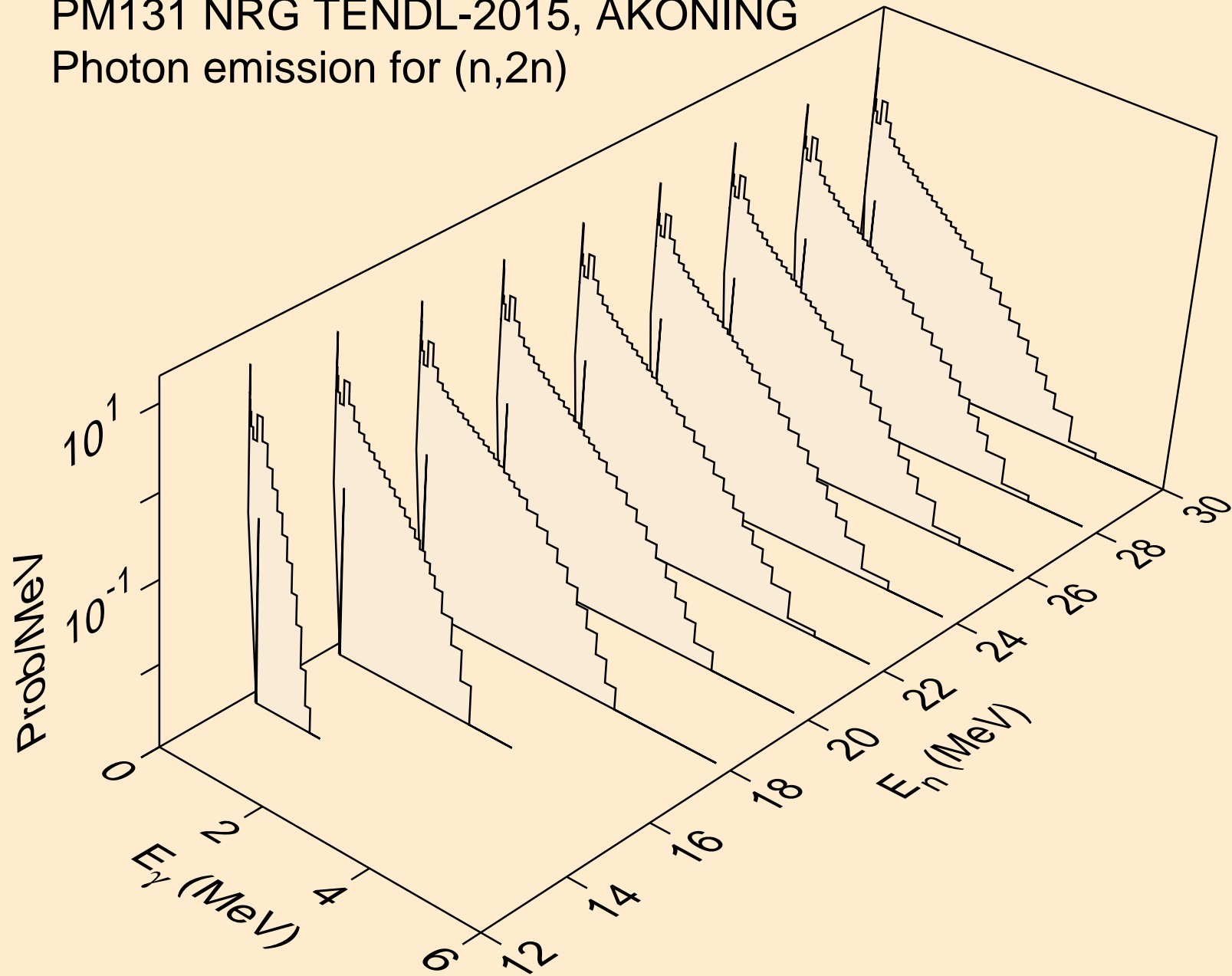
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



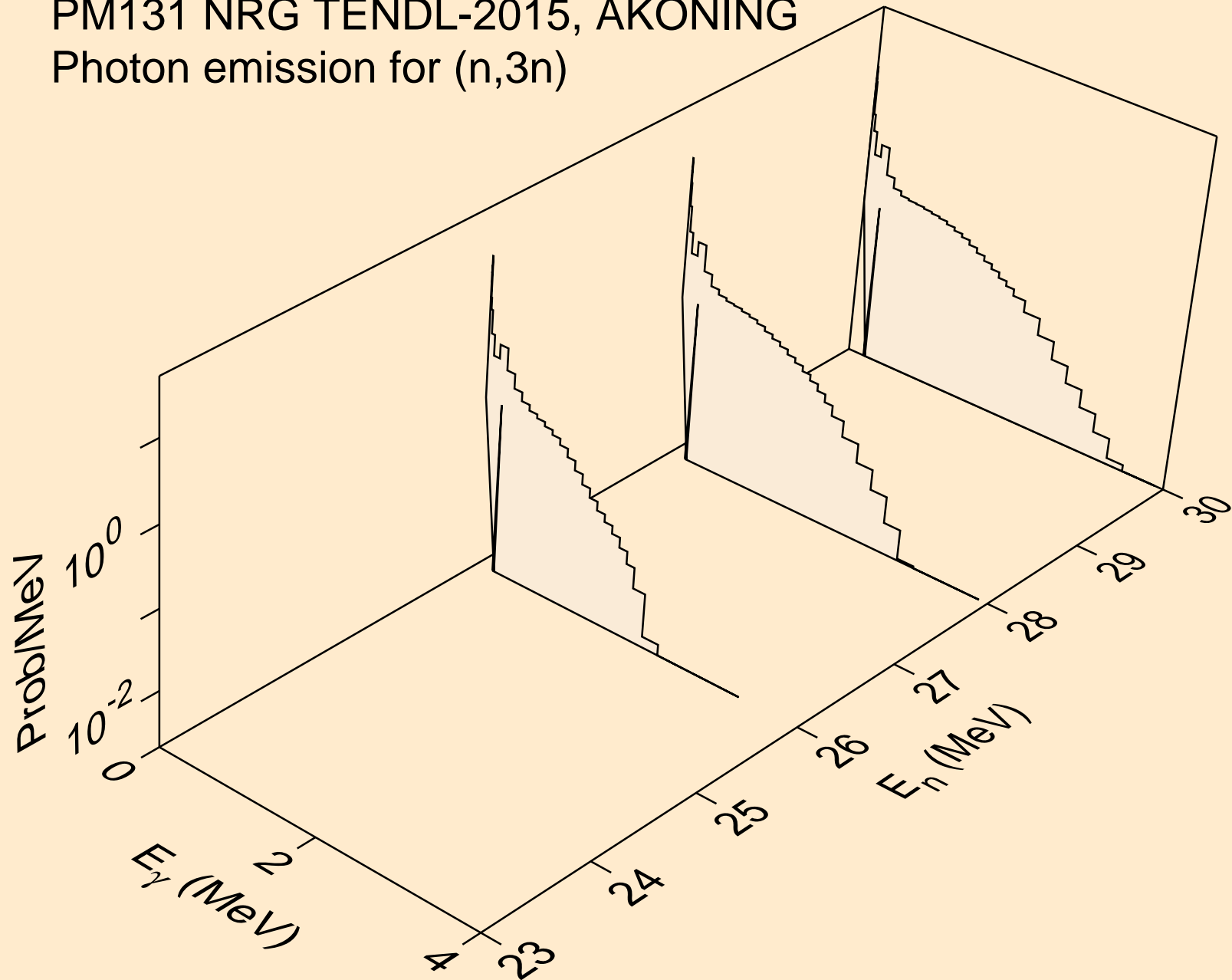
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

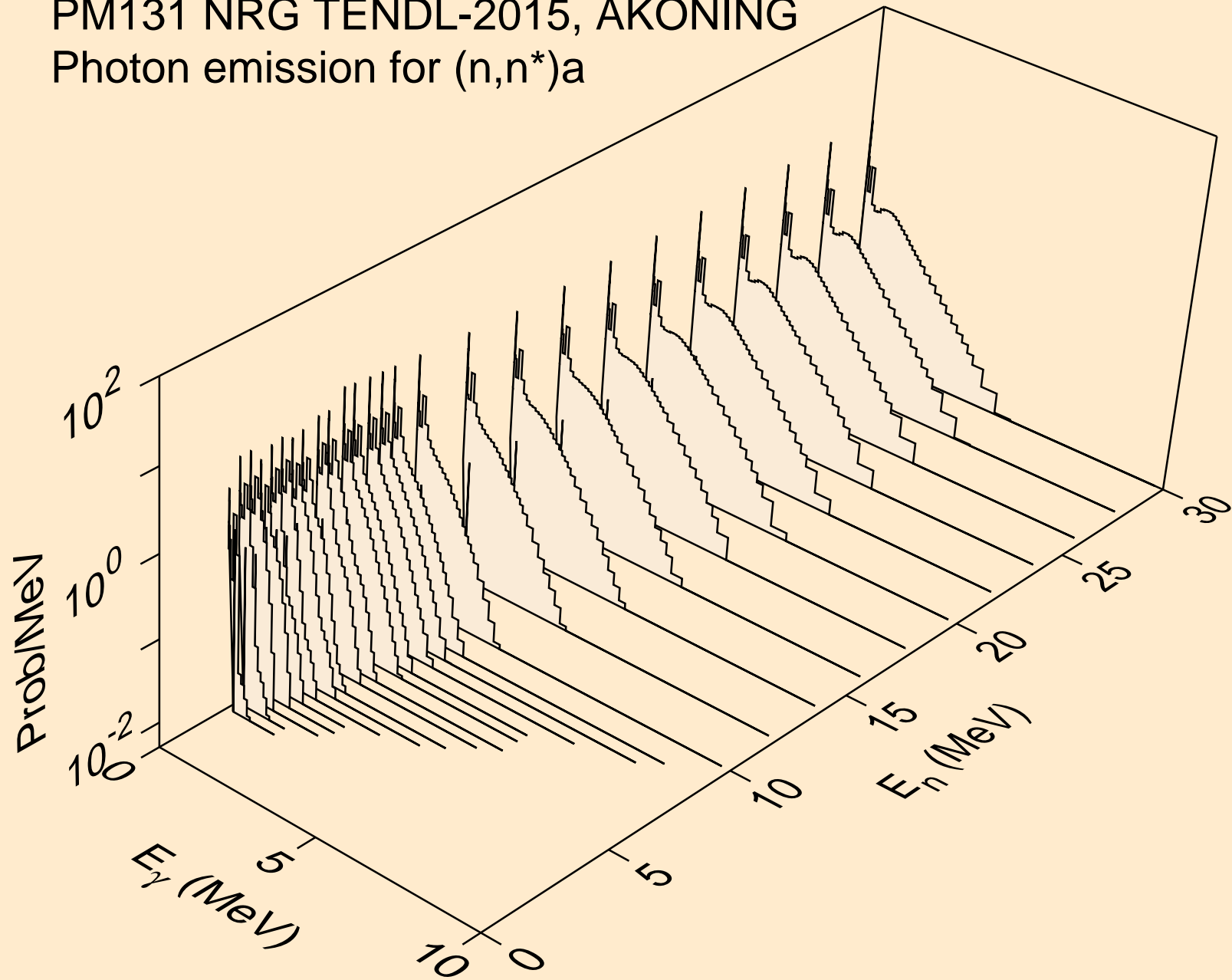


PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

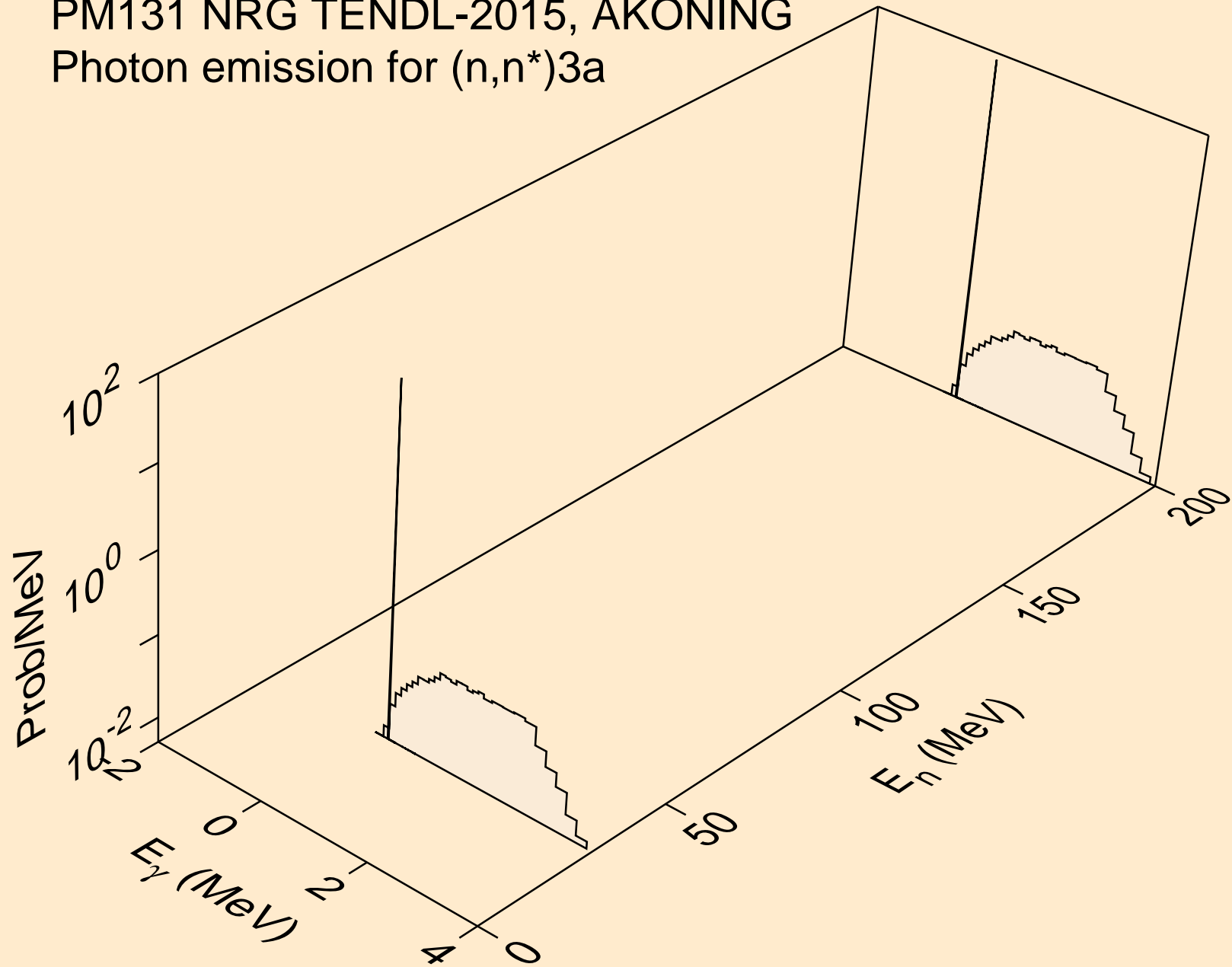




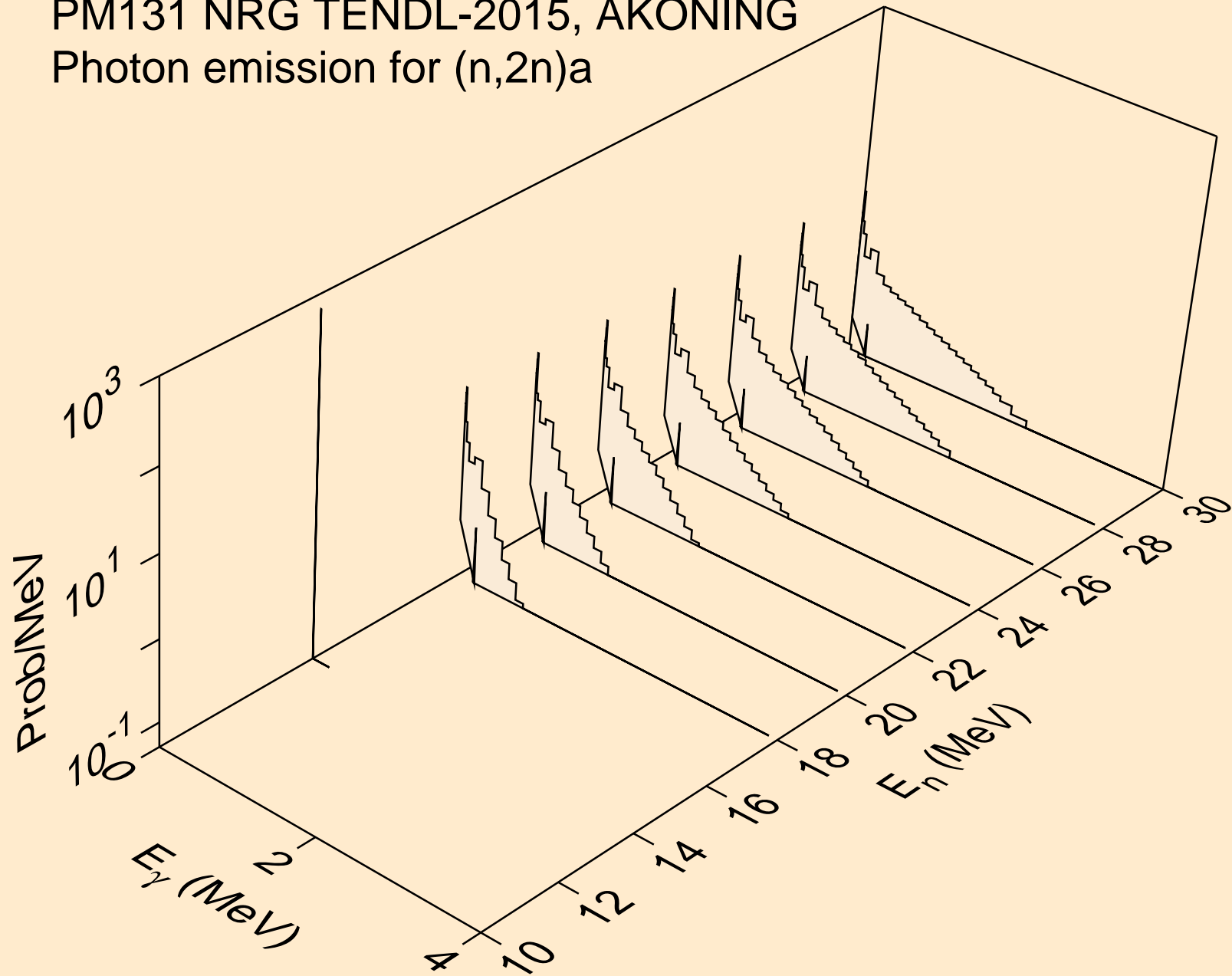
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



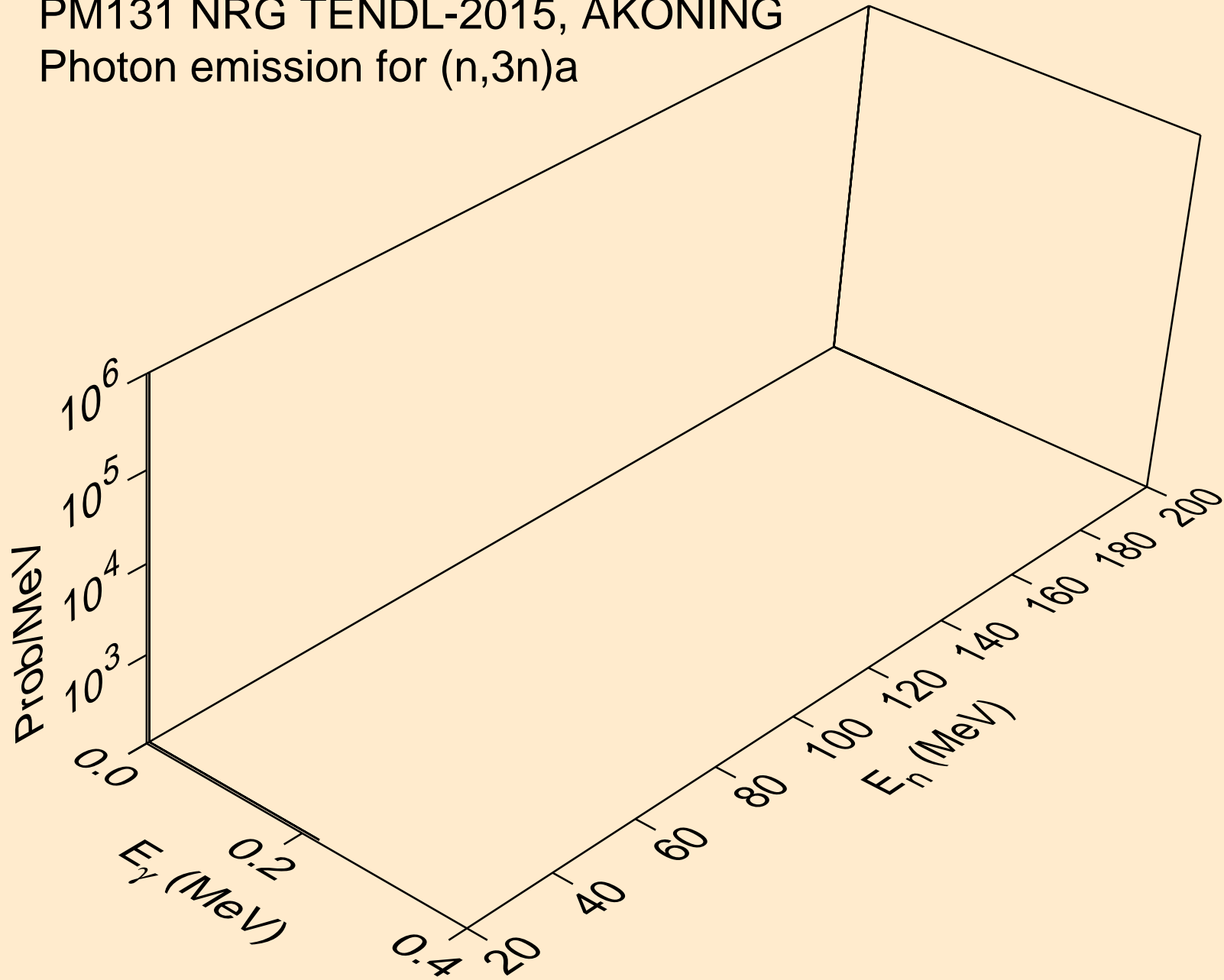
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



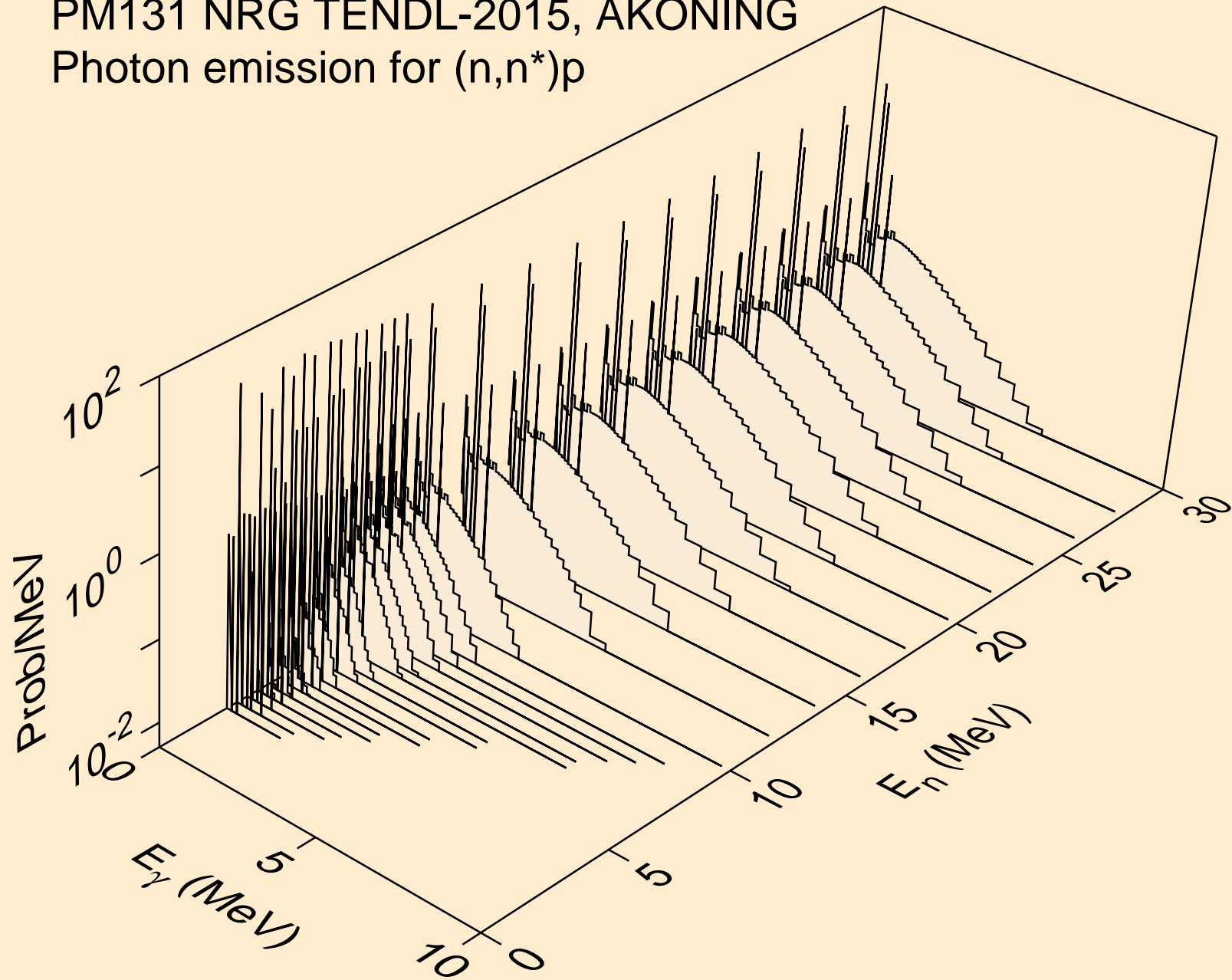
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



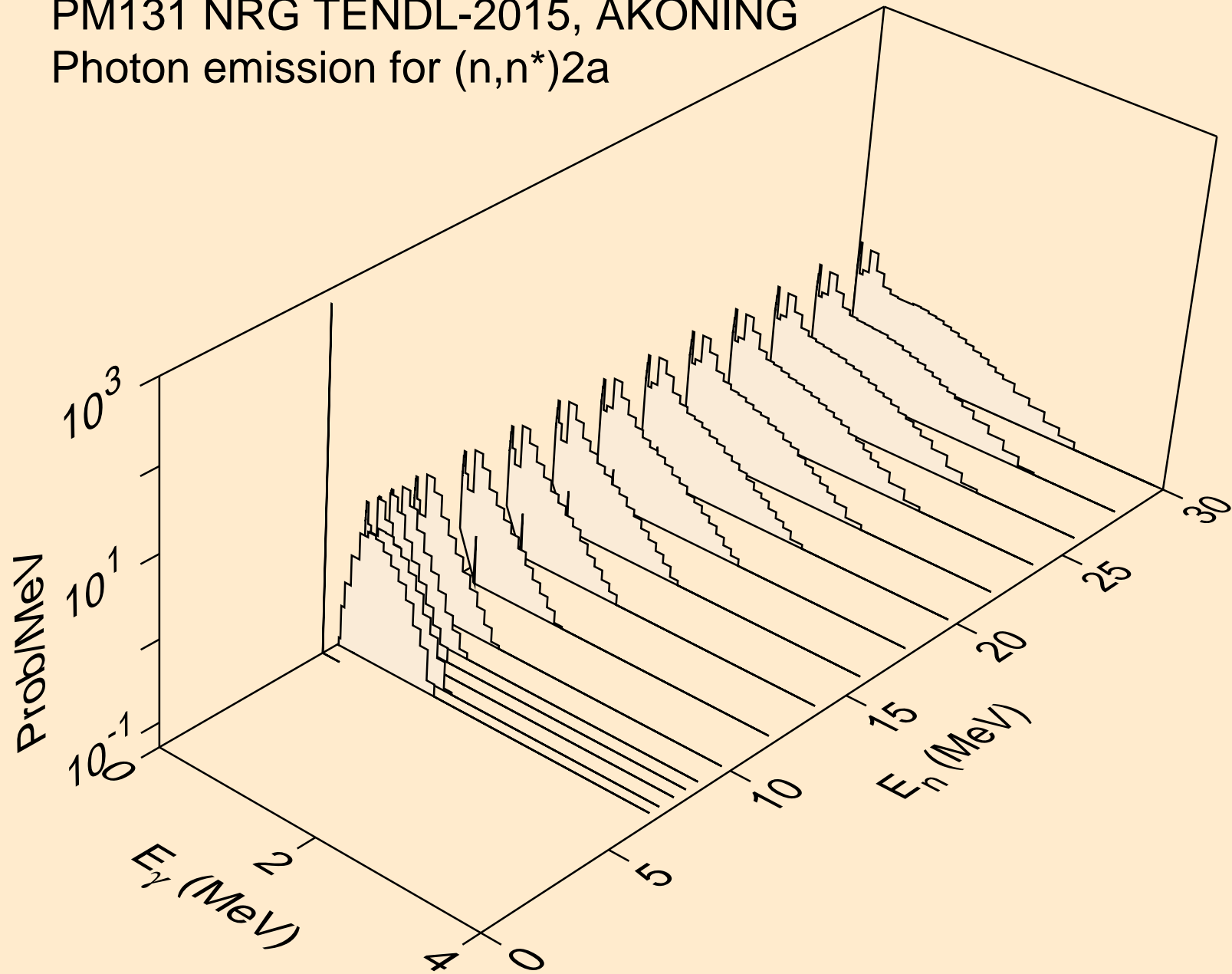
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



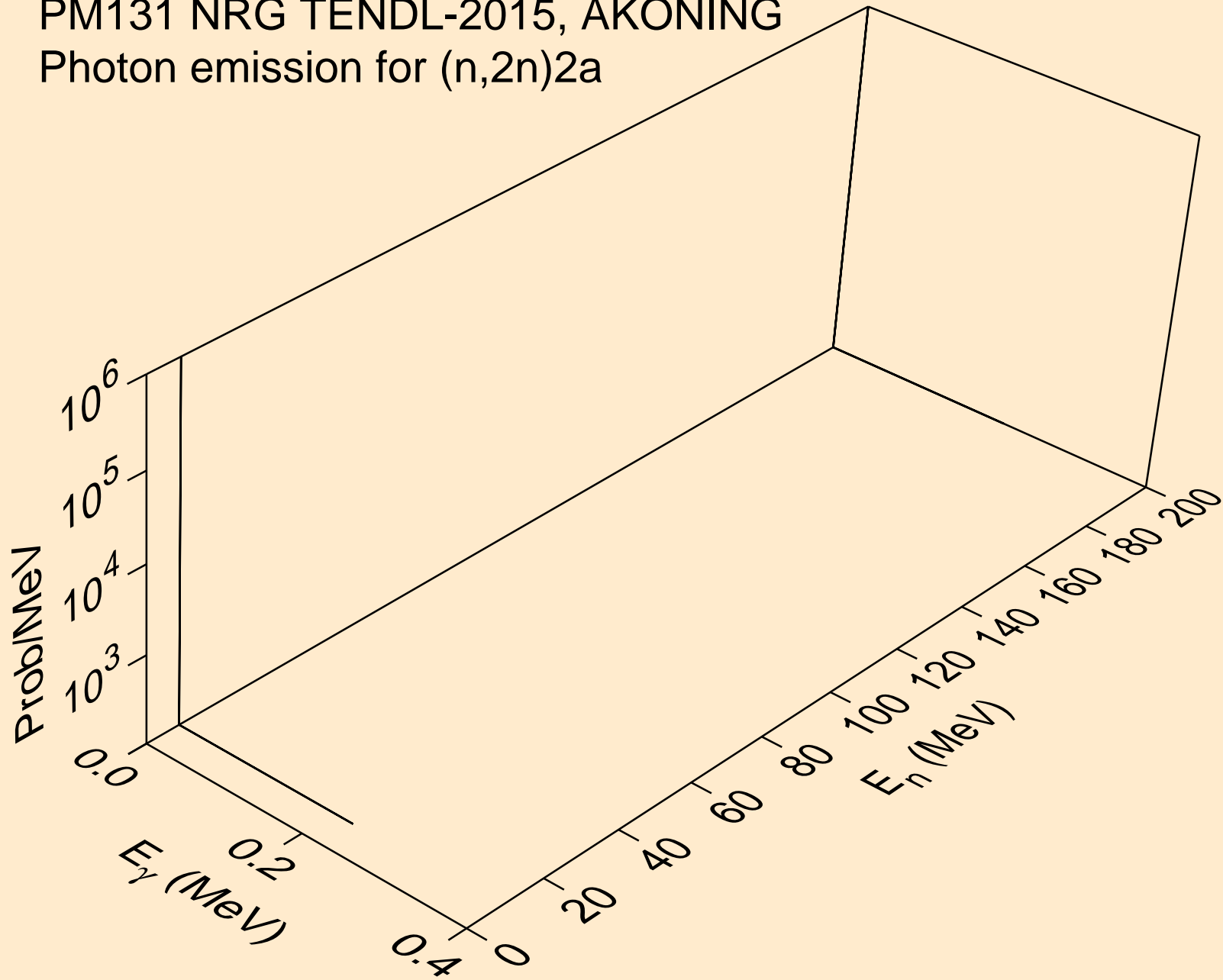
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



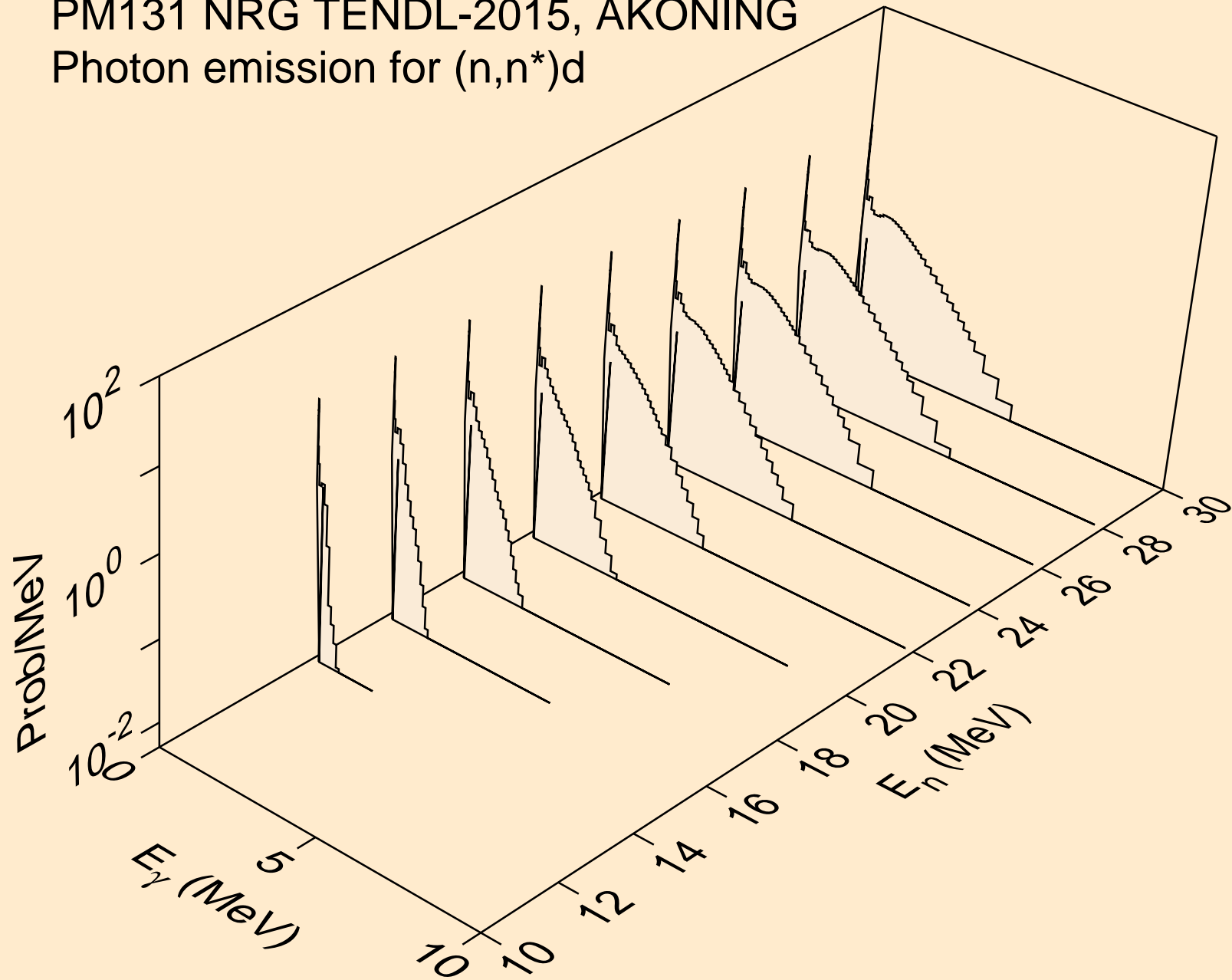
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

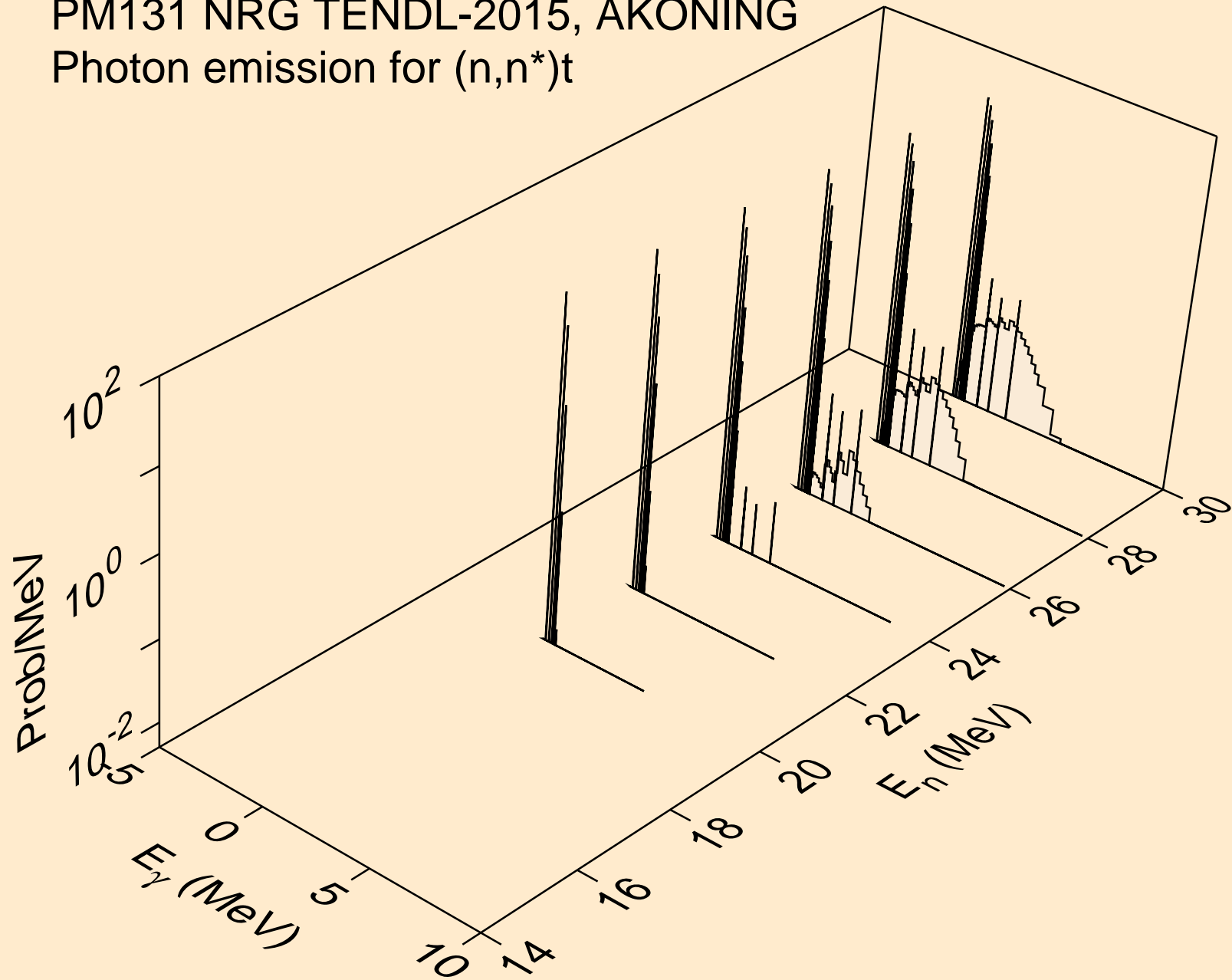


PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

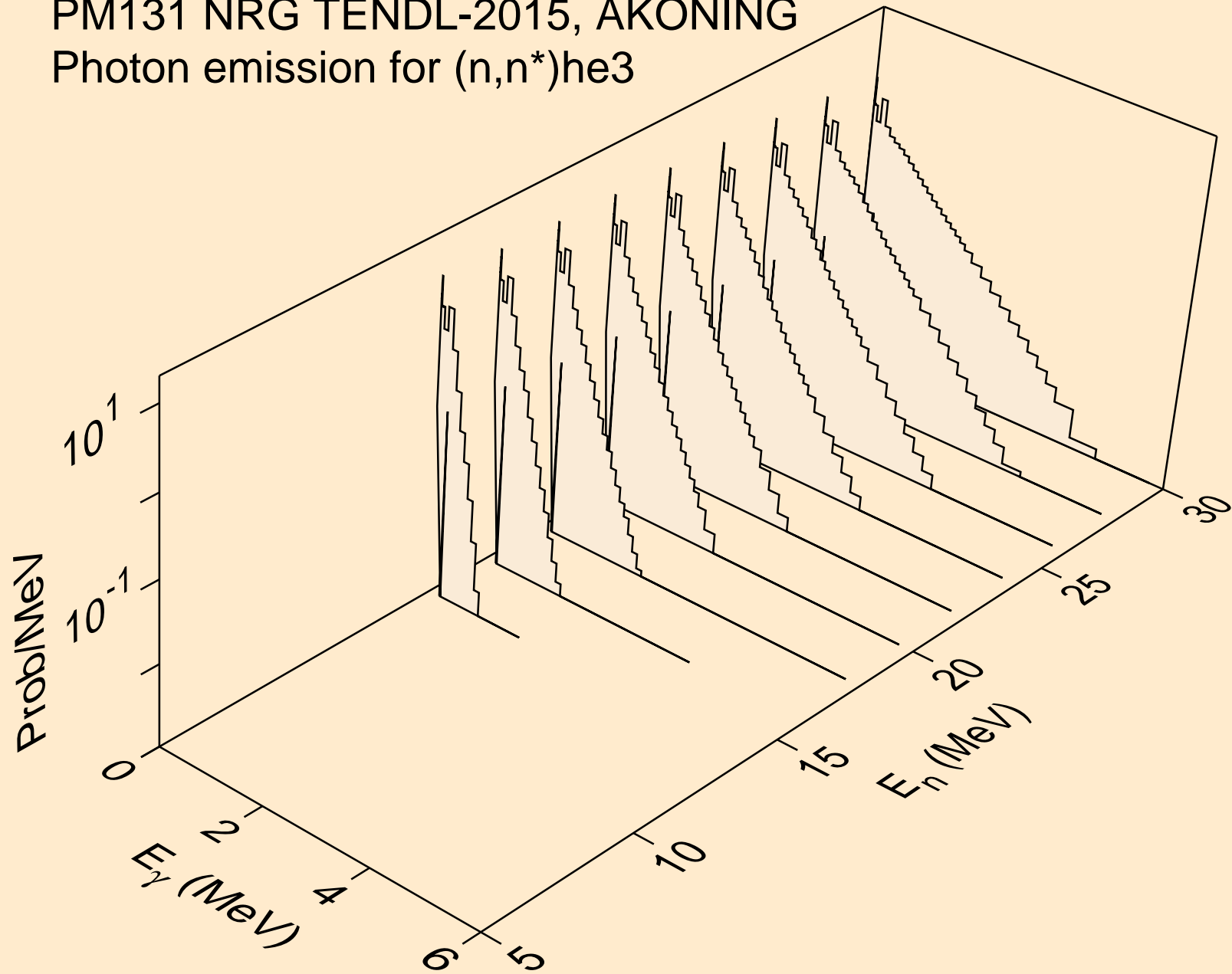




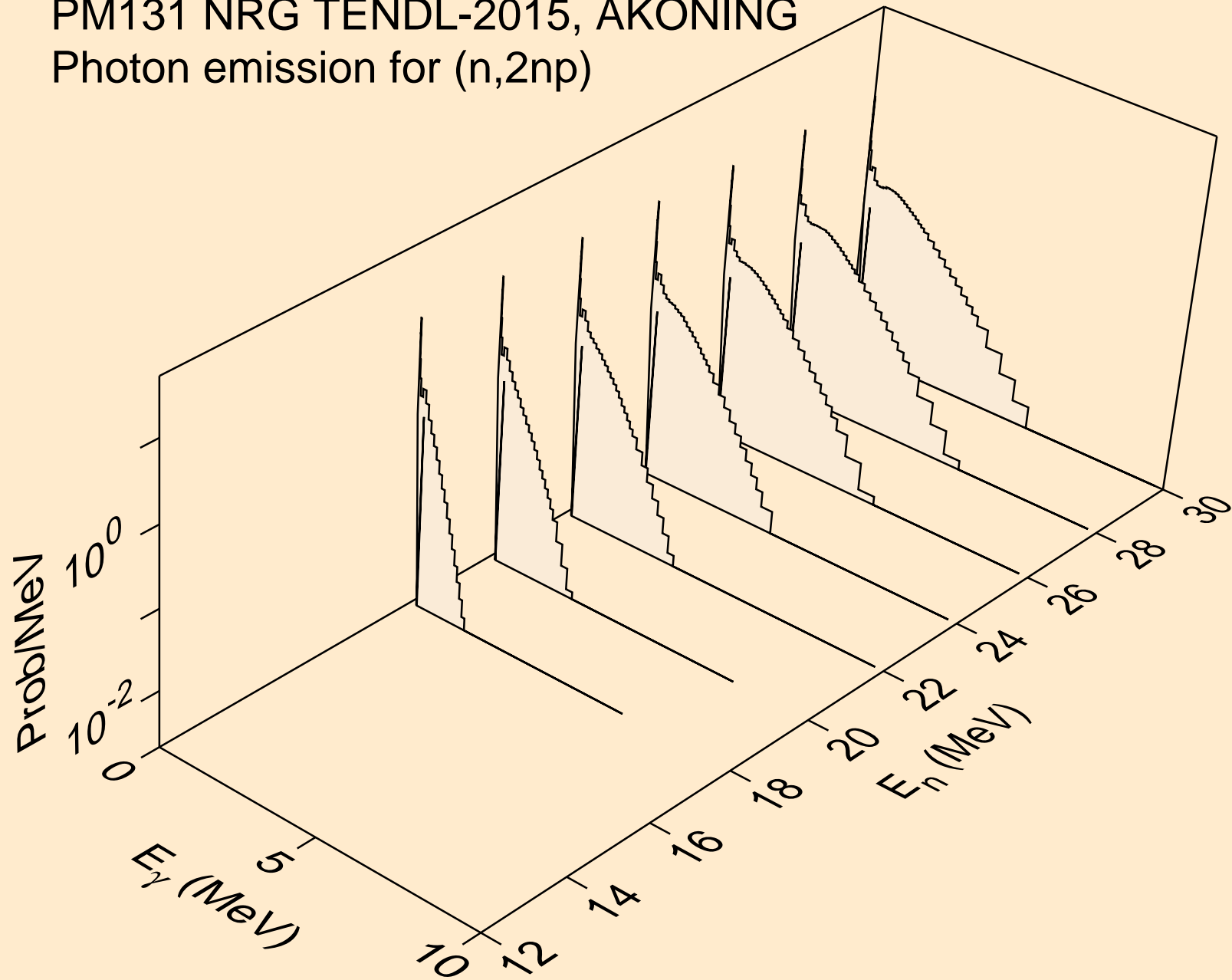
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



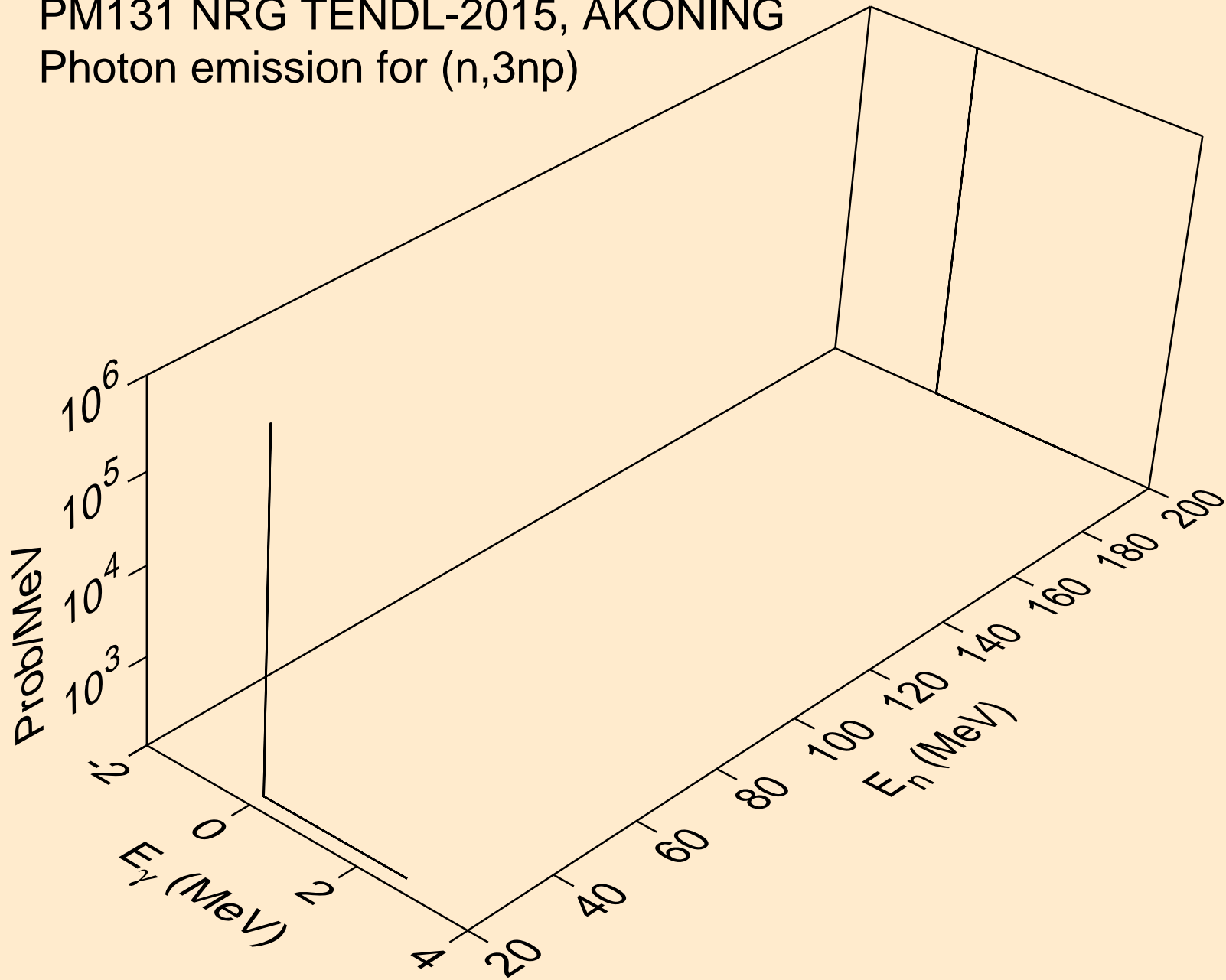
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



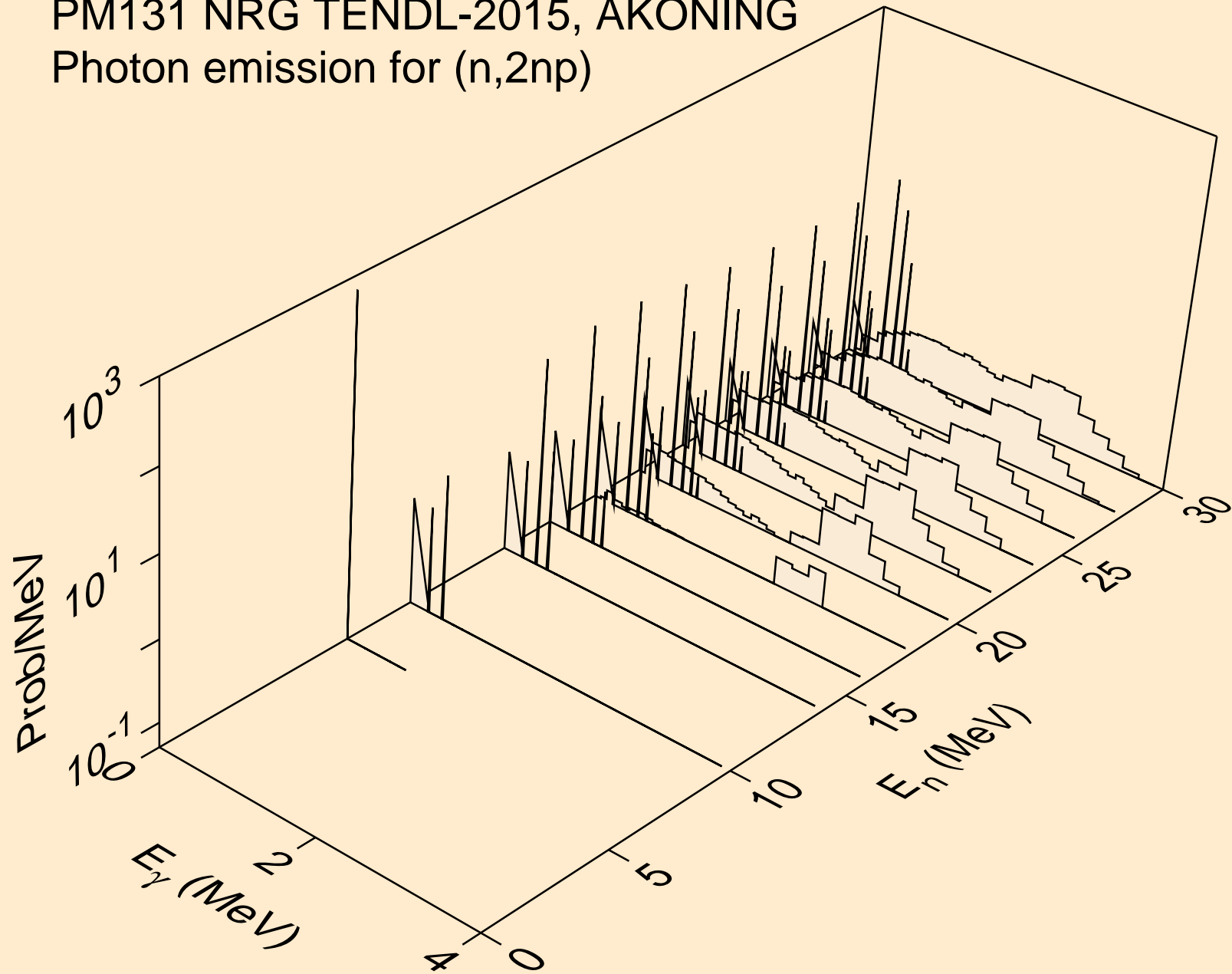
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



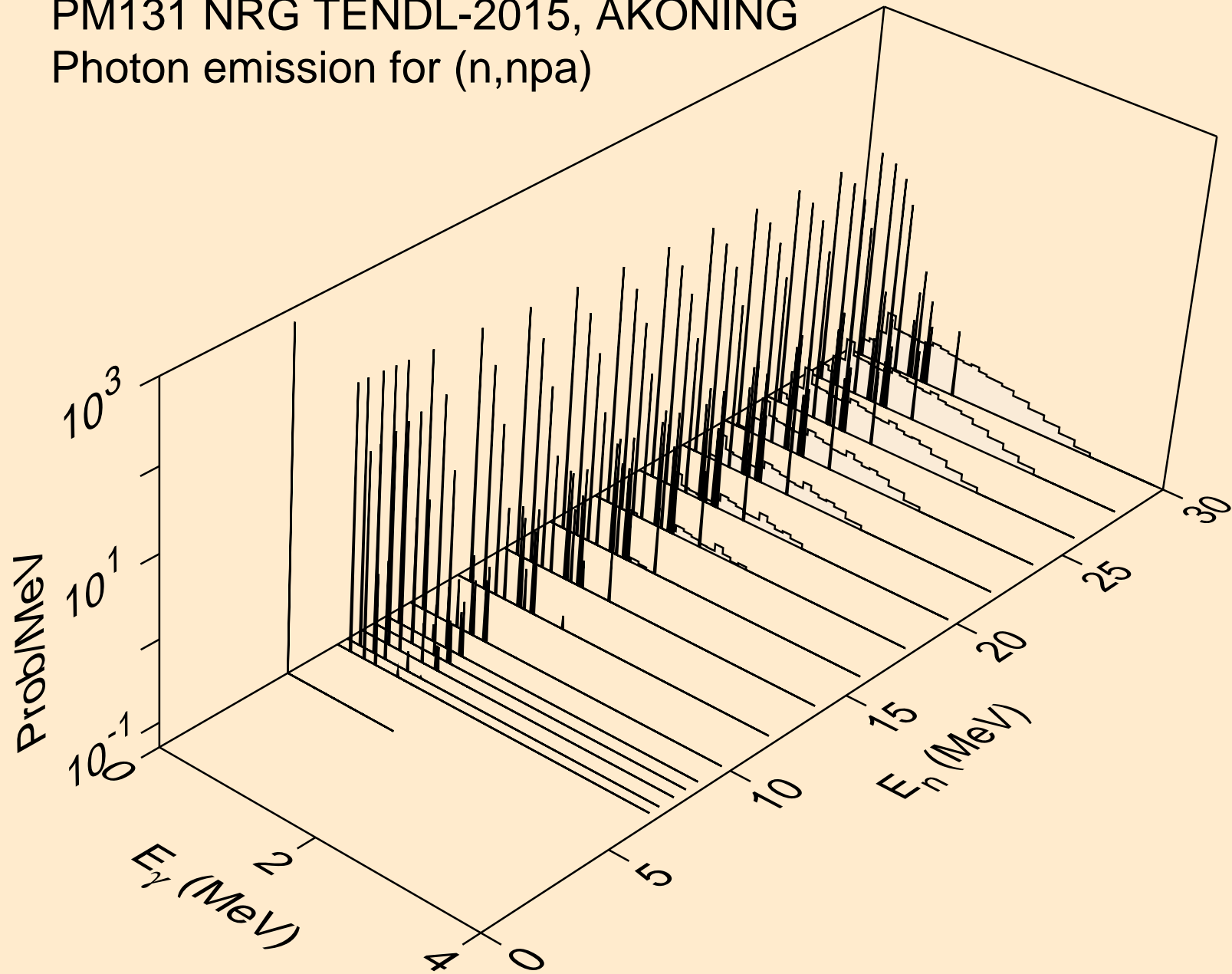
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



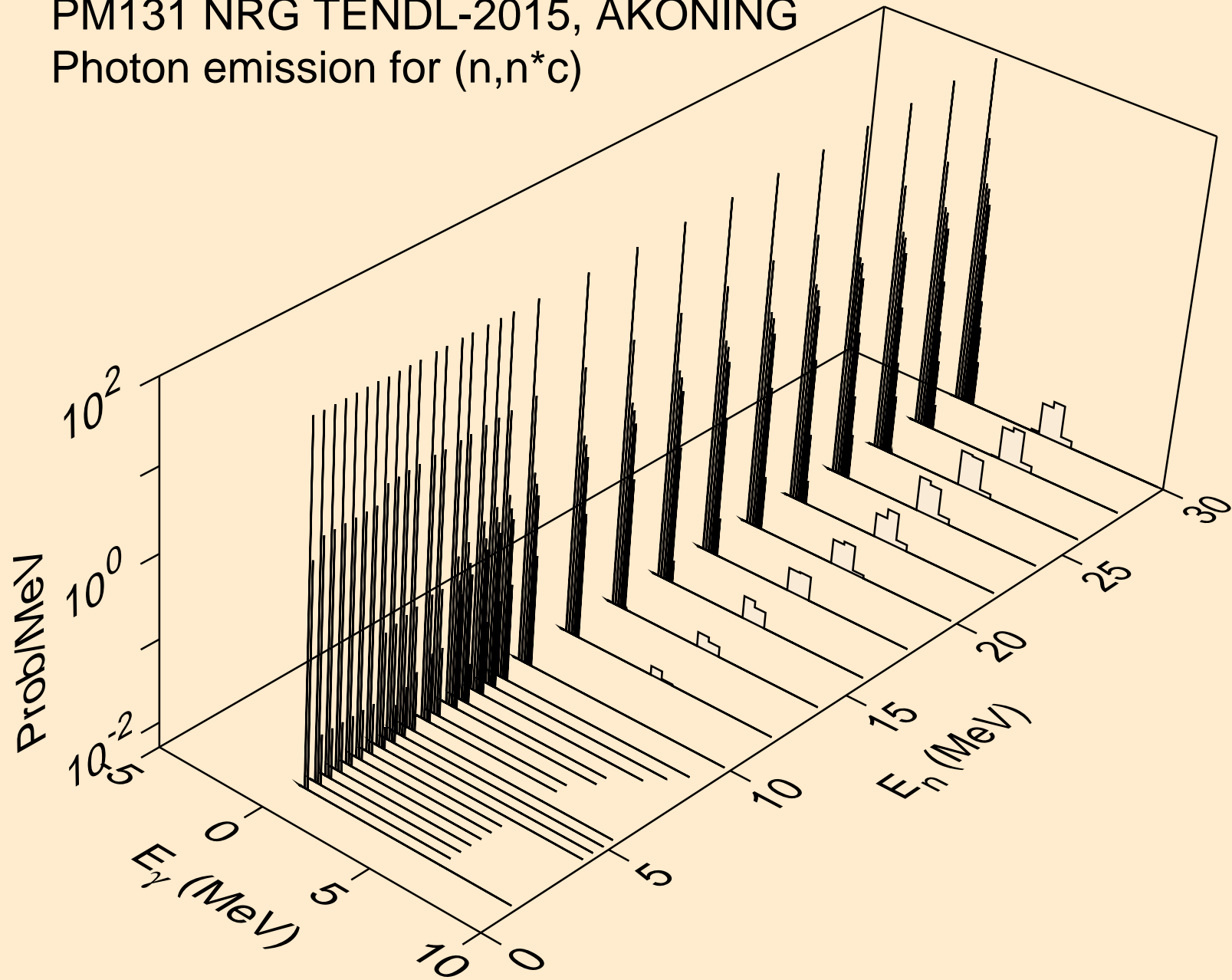
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



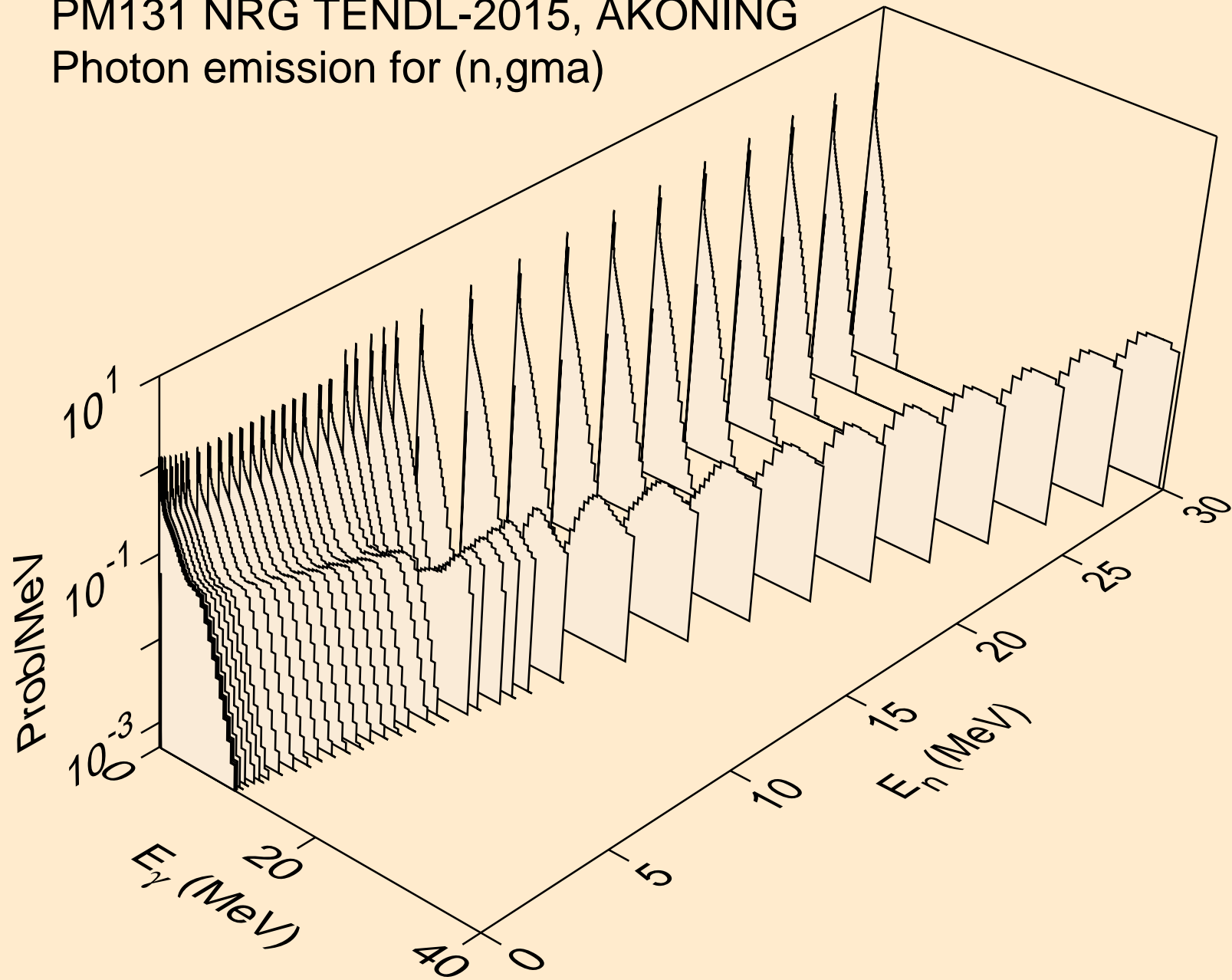
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

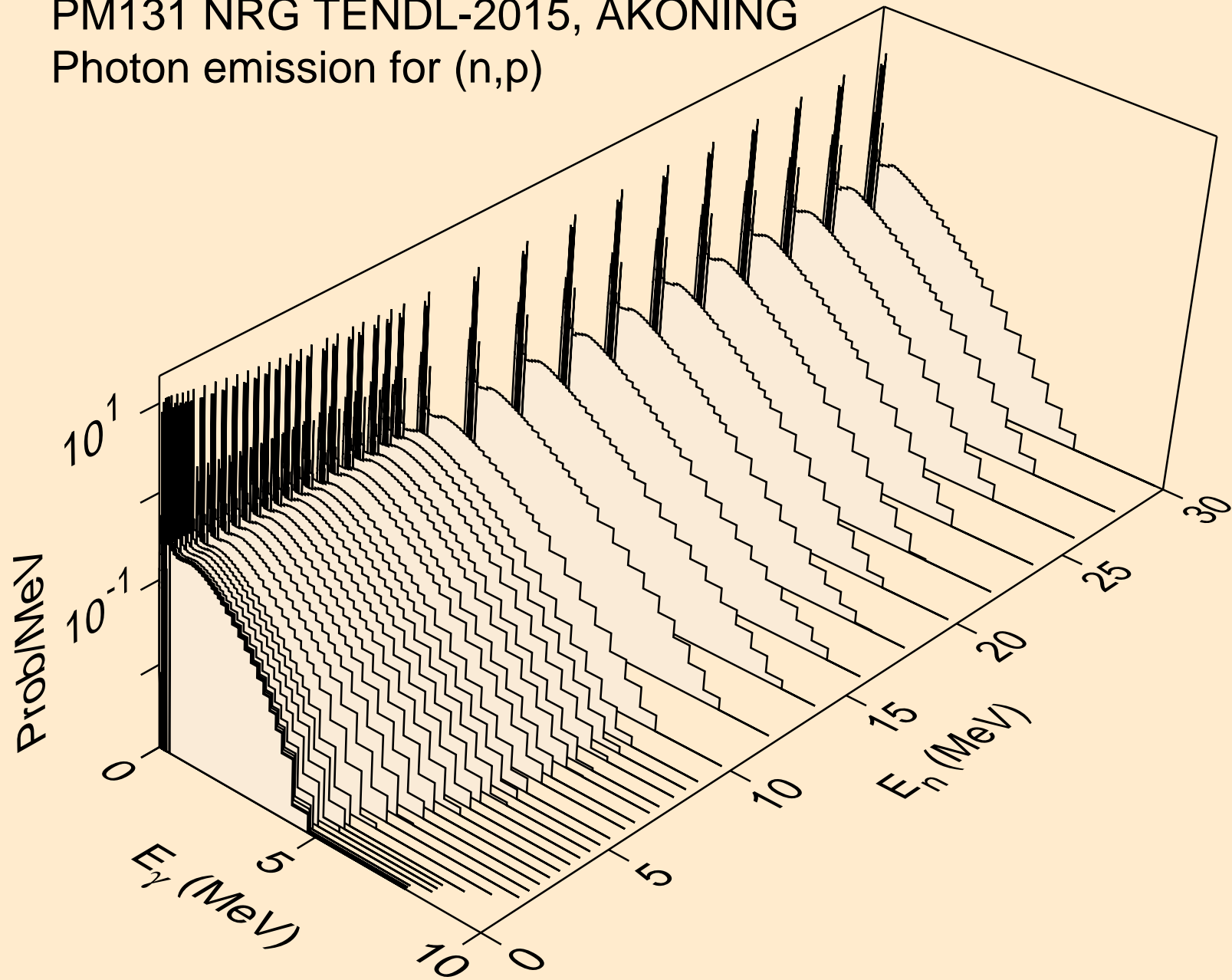


PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

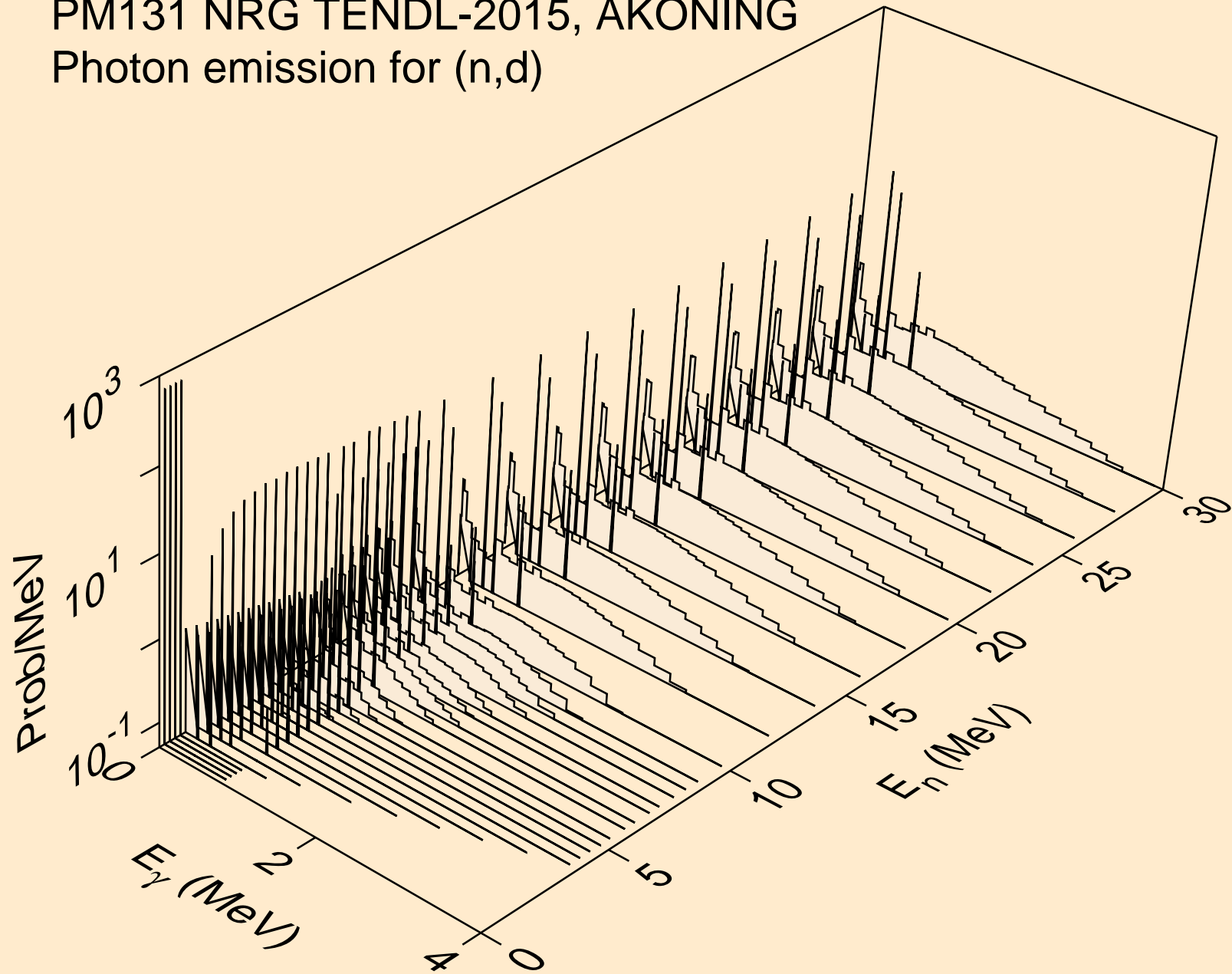




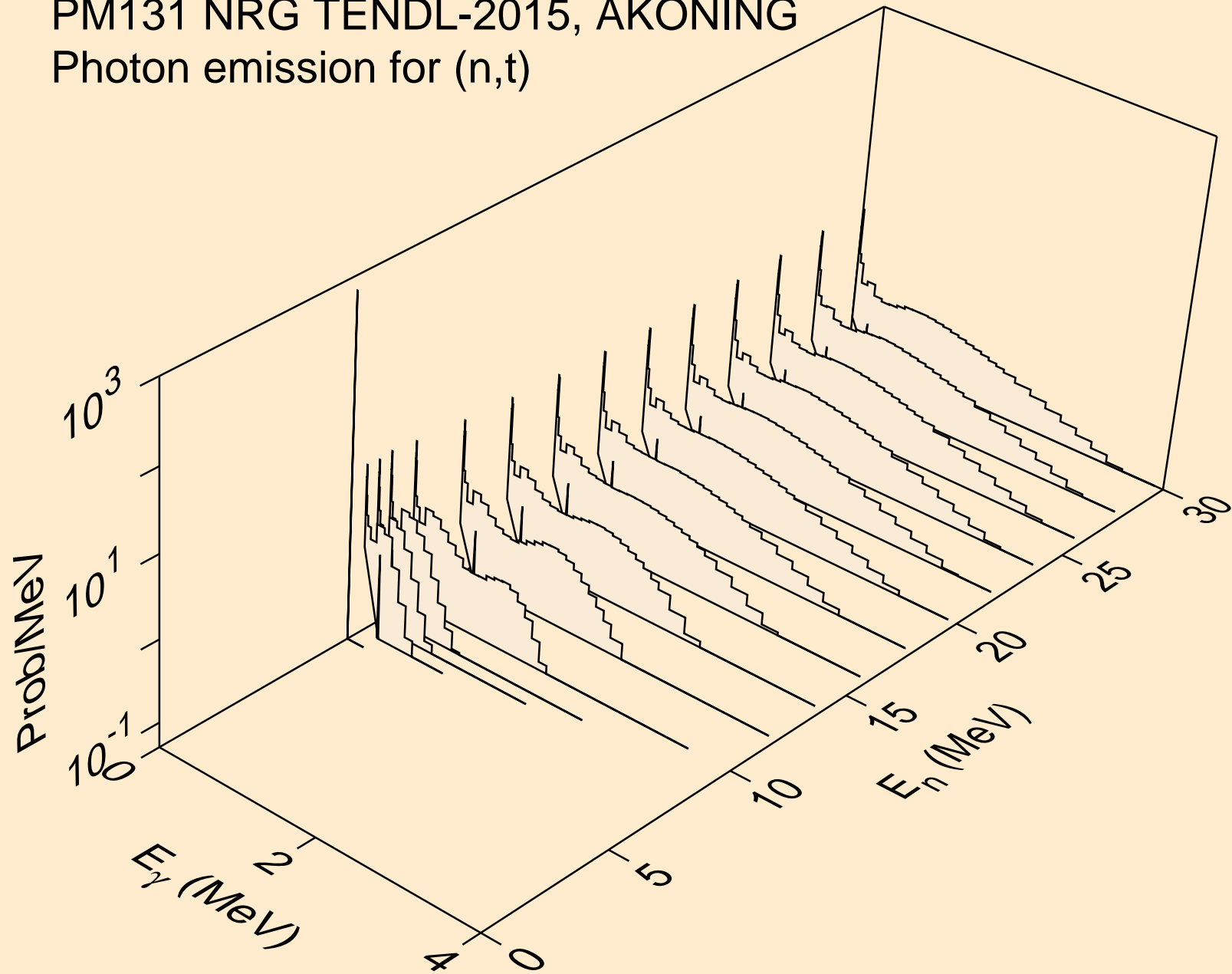
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



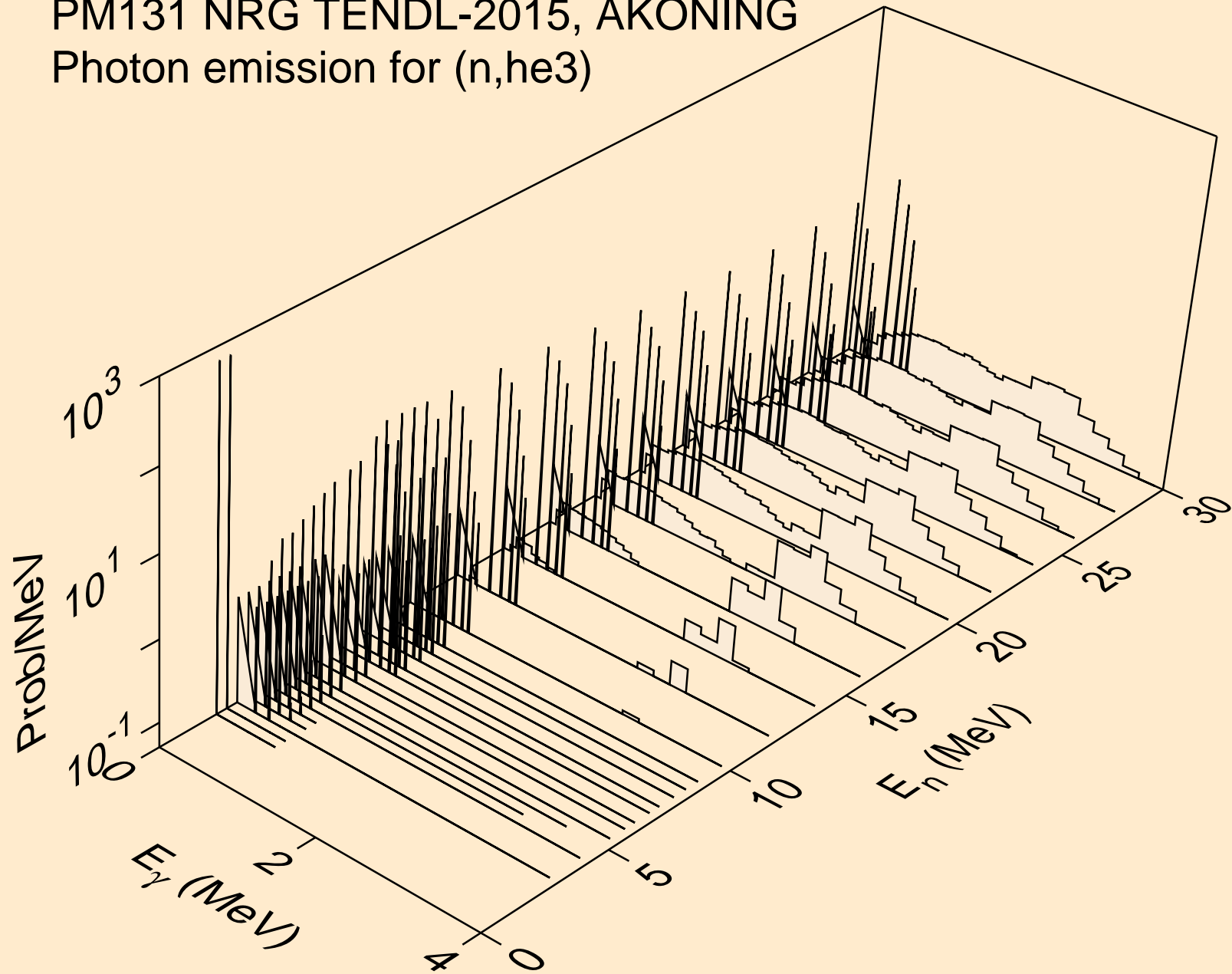
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



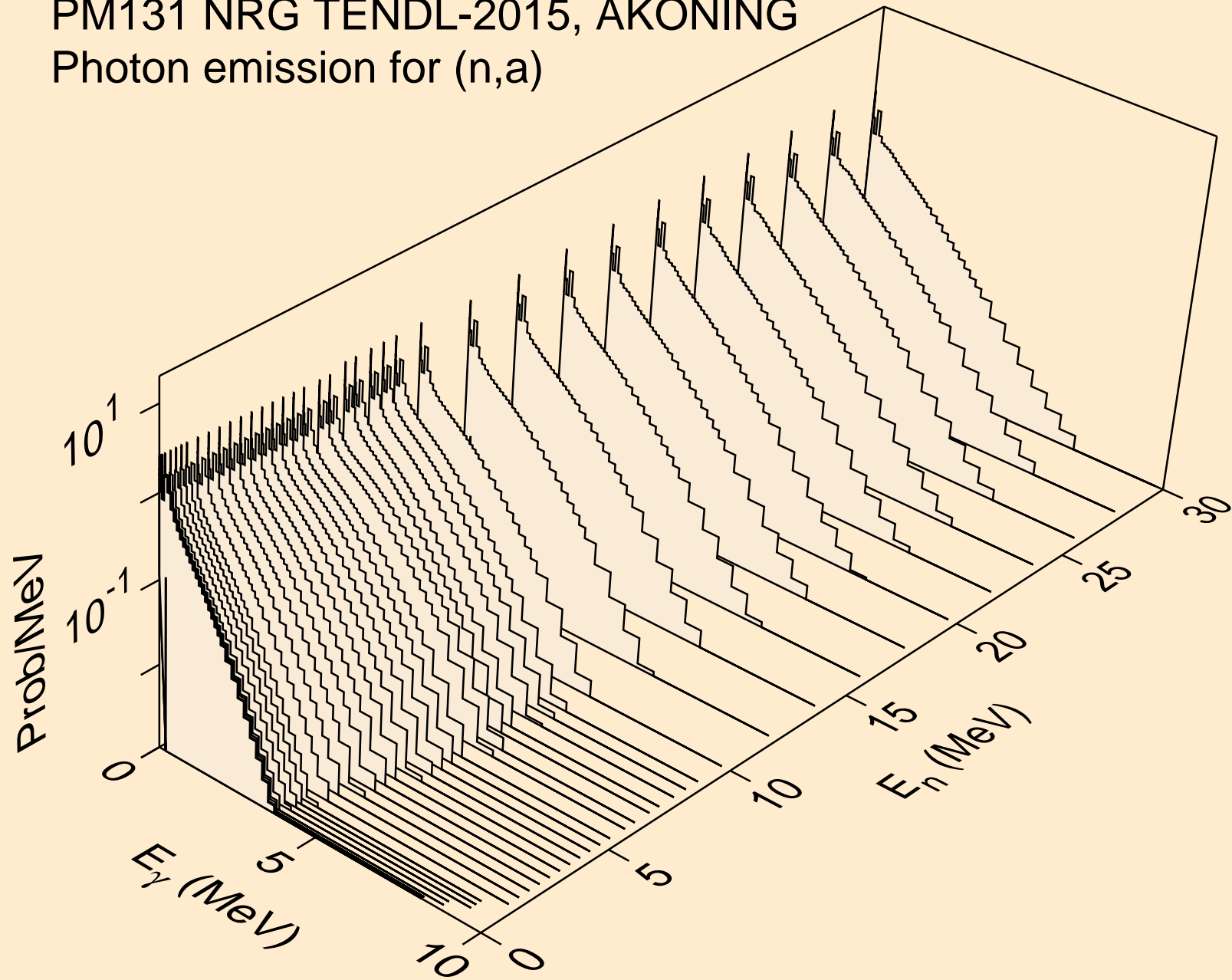
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



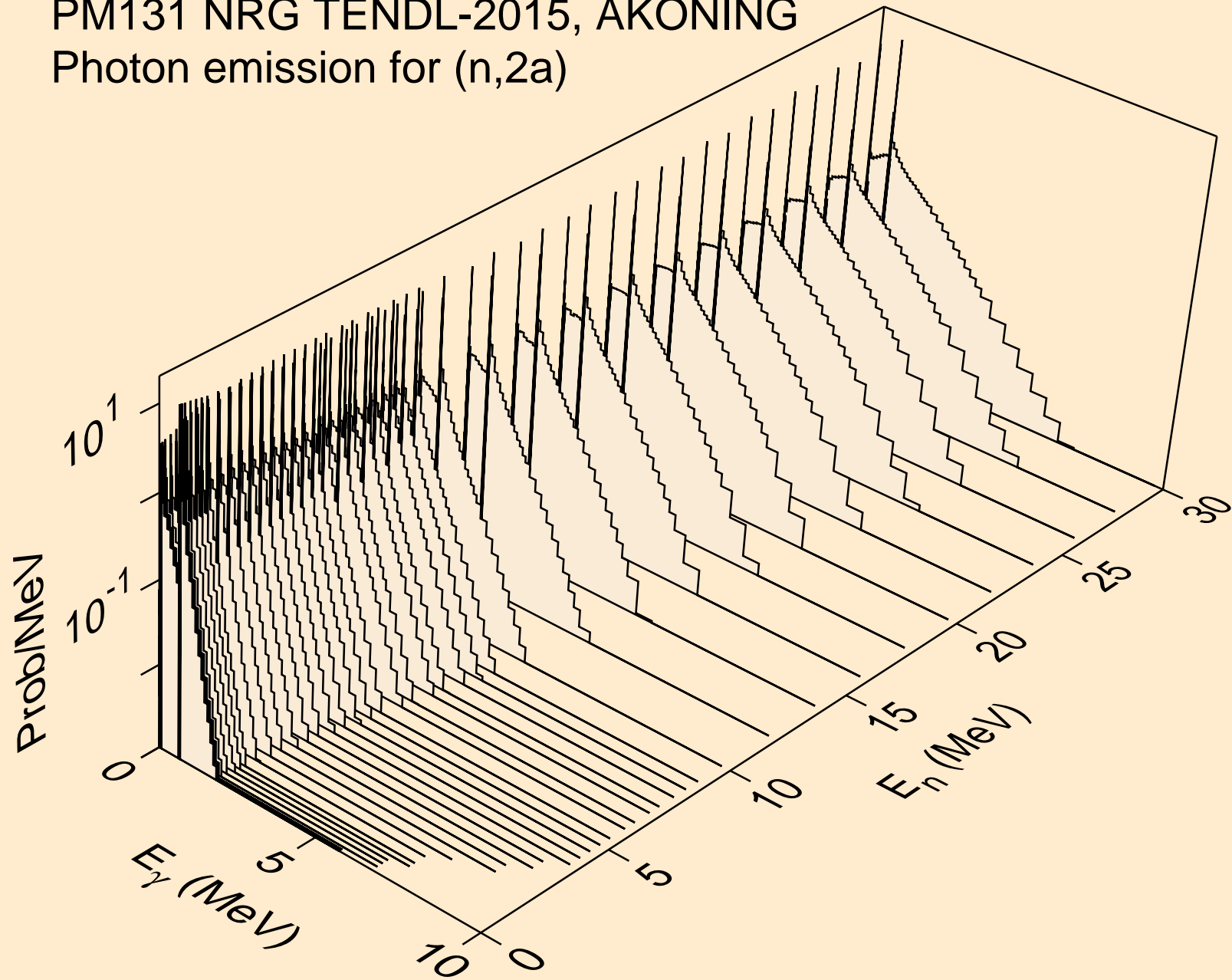
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



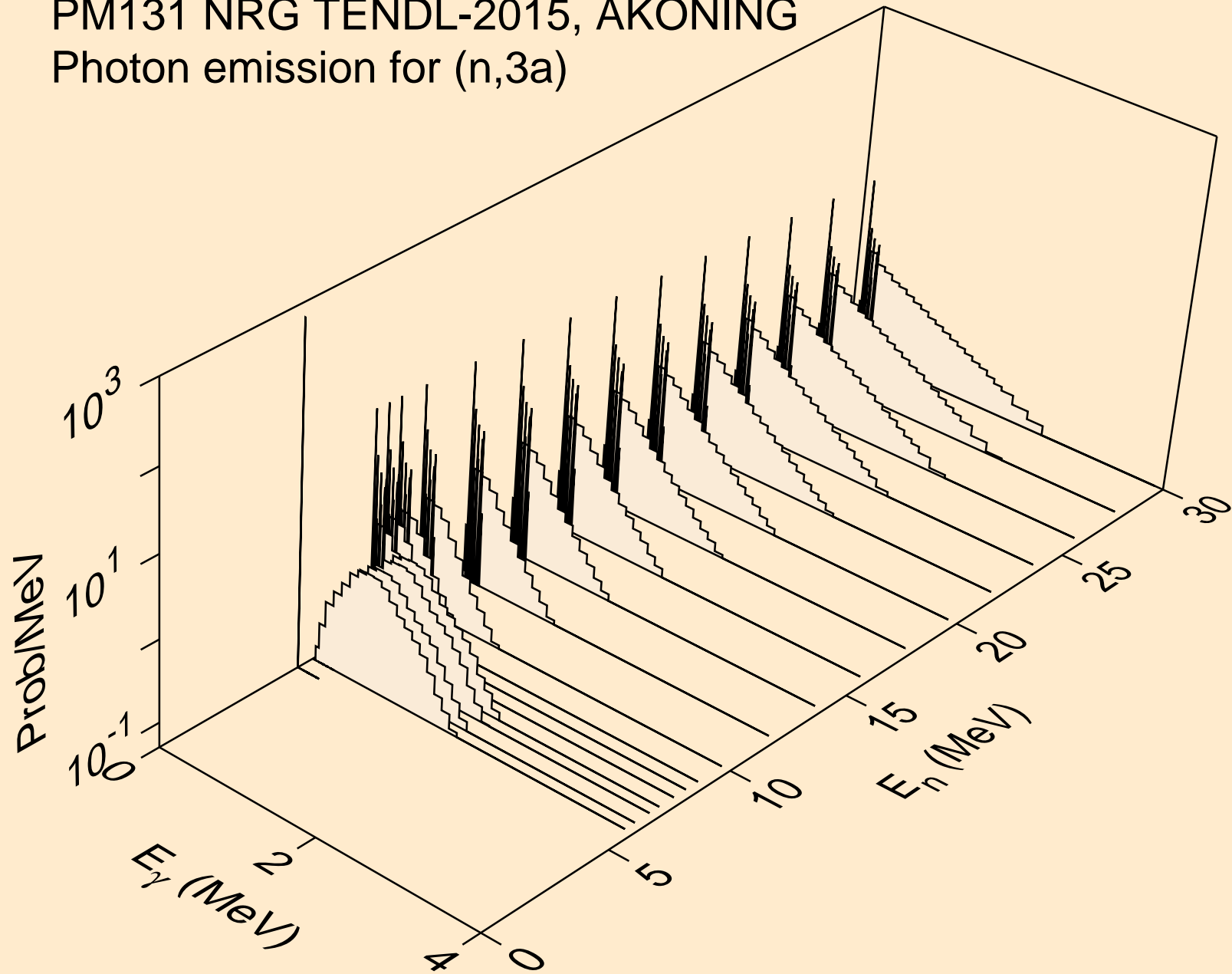
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



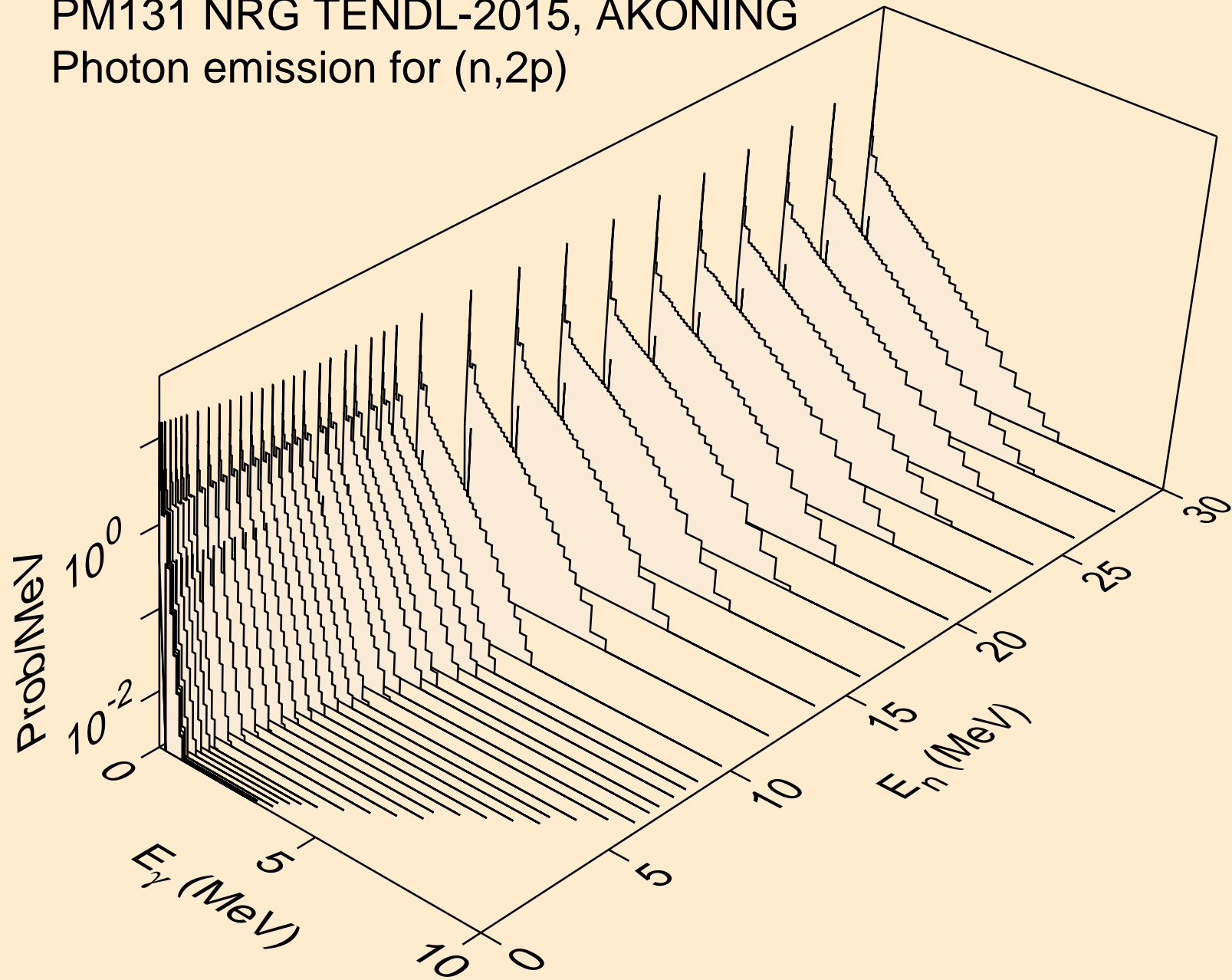
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

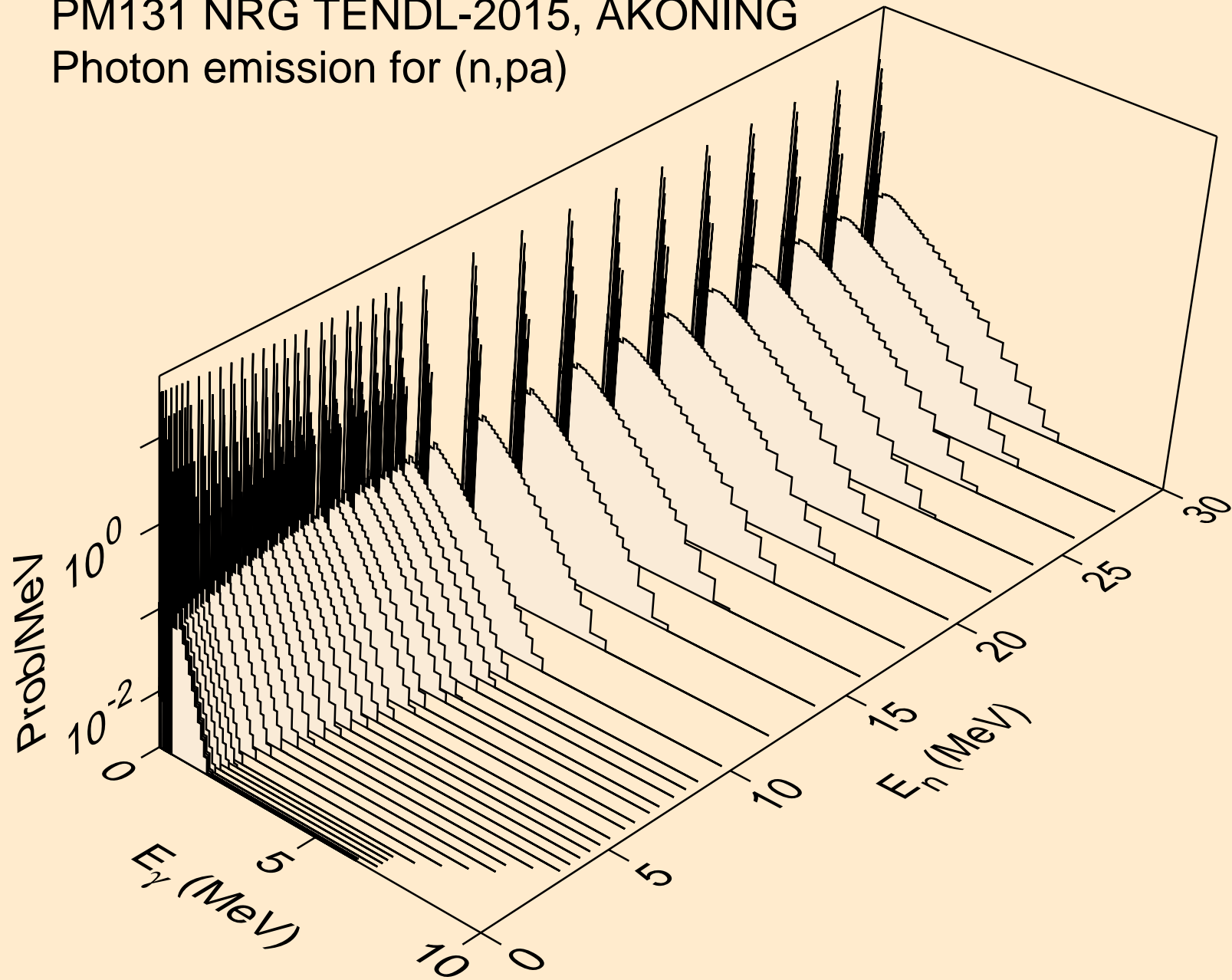


PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

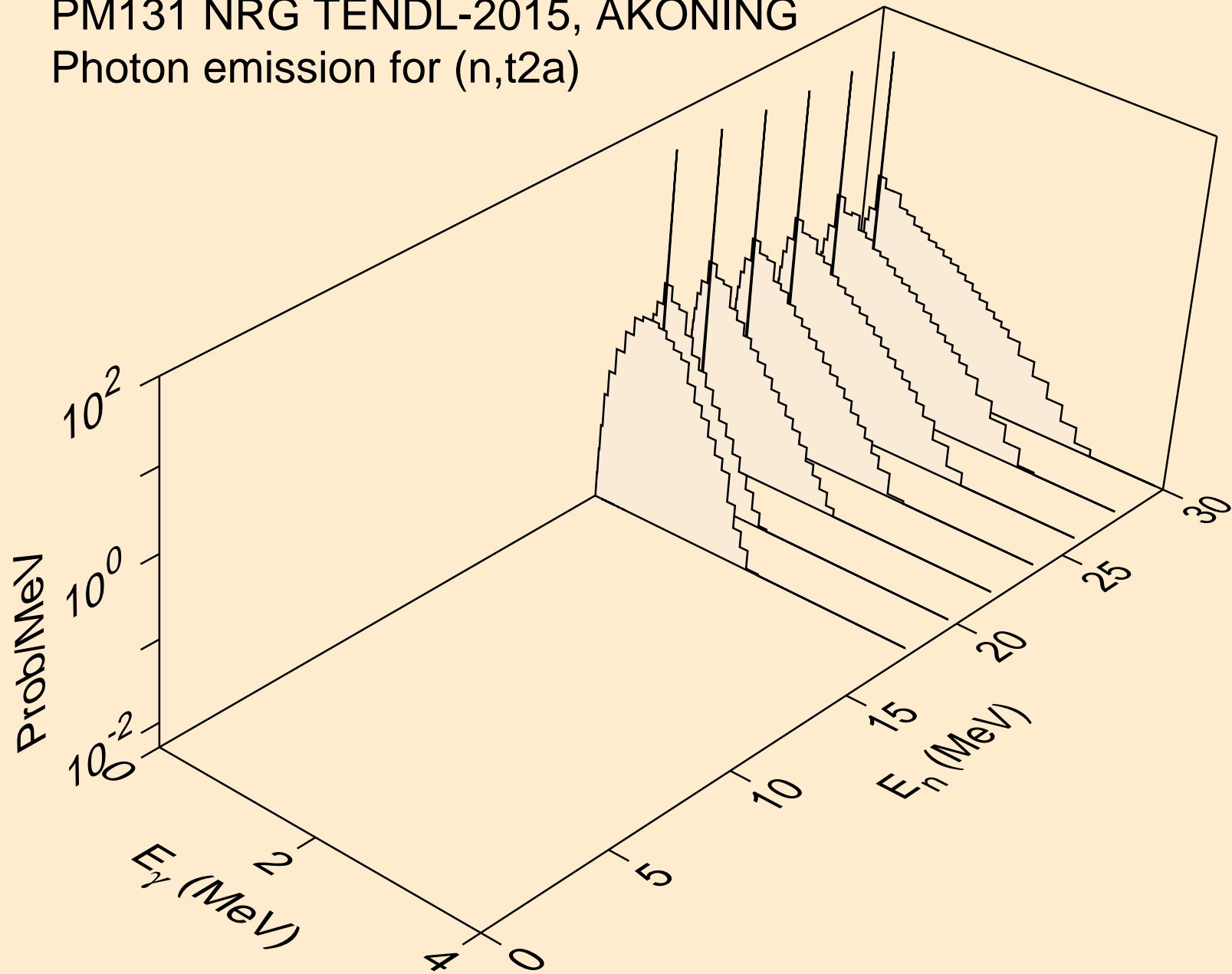




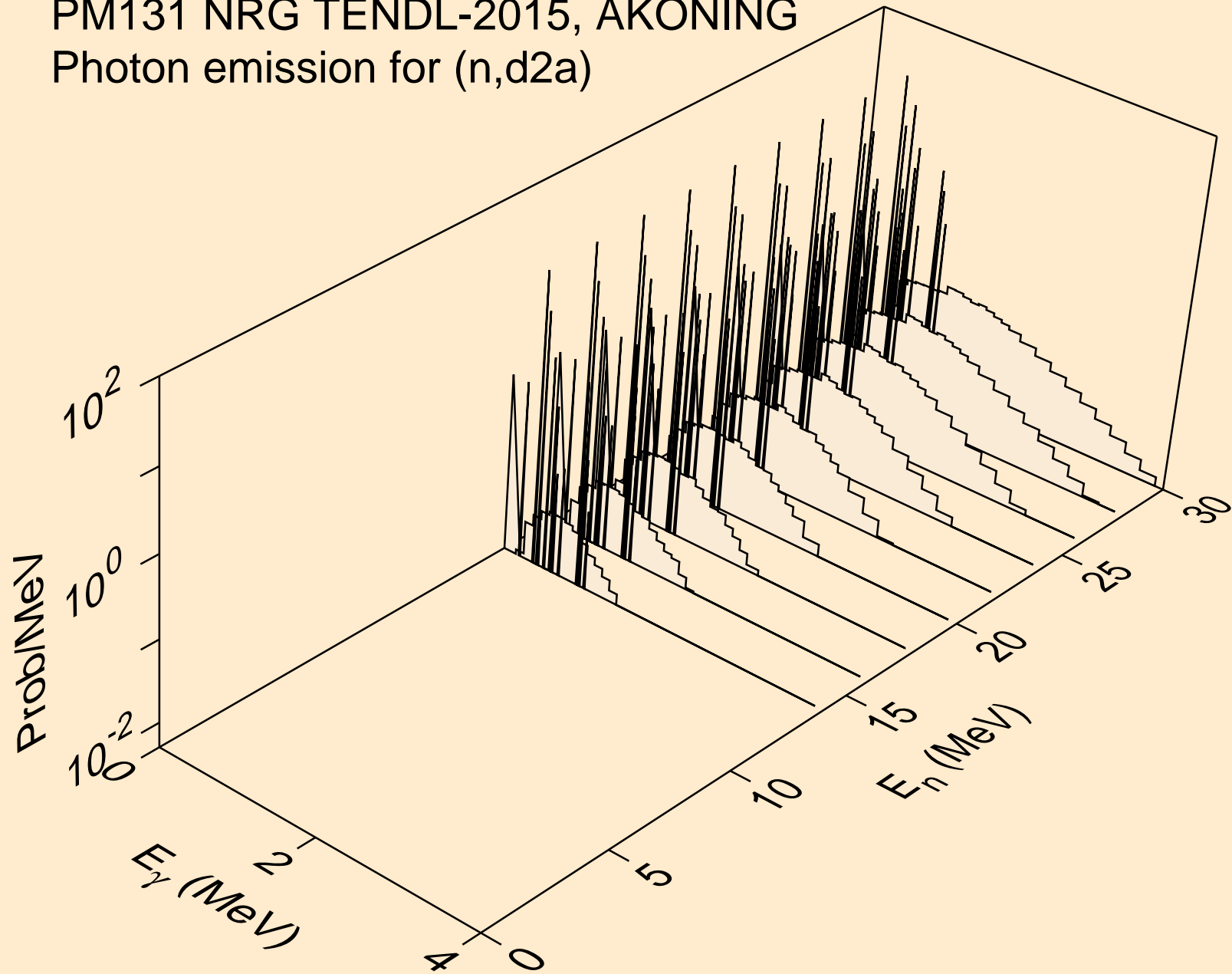
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



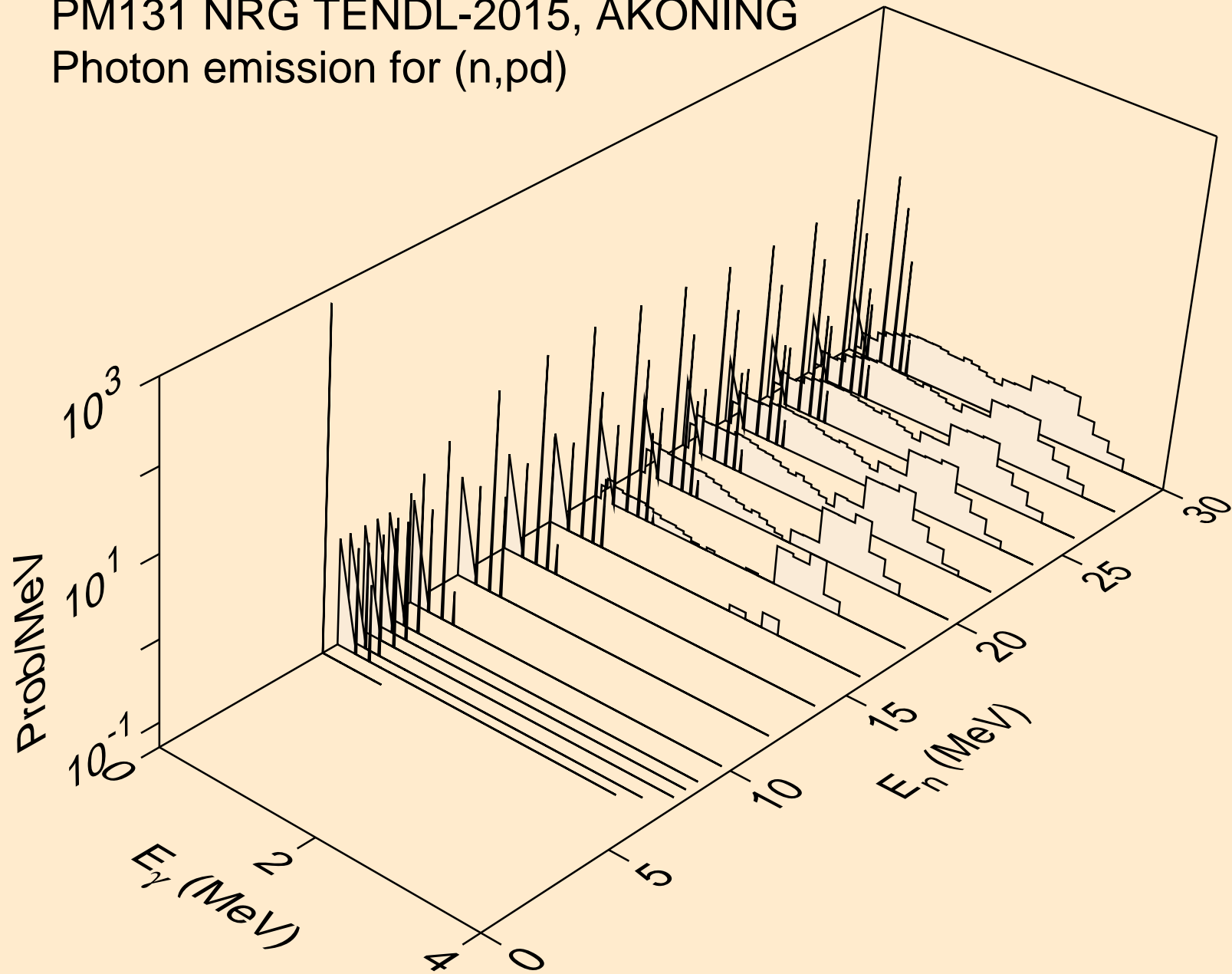
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



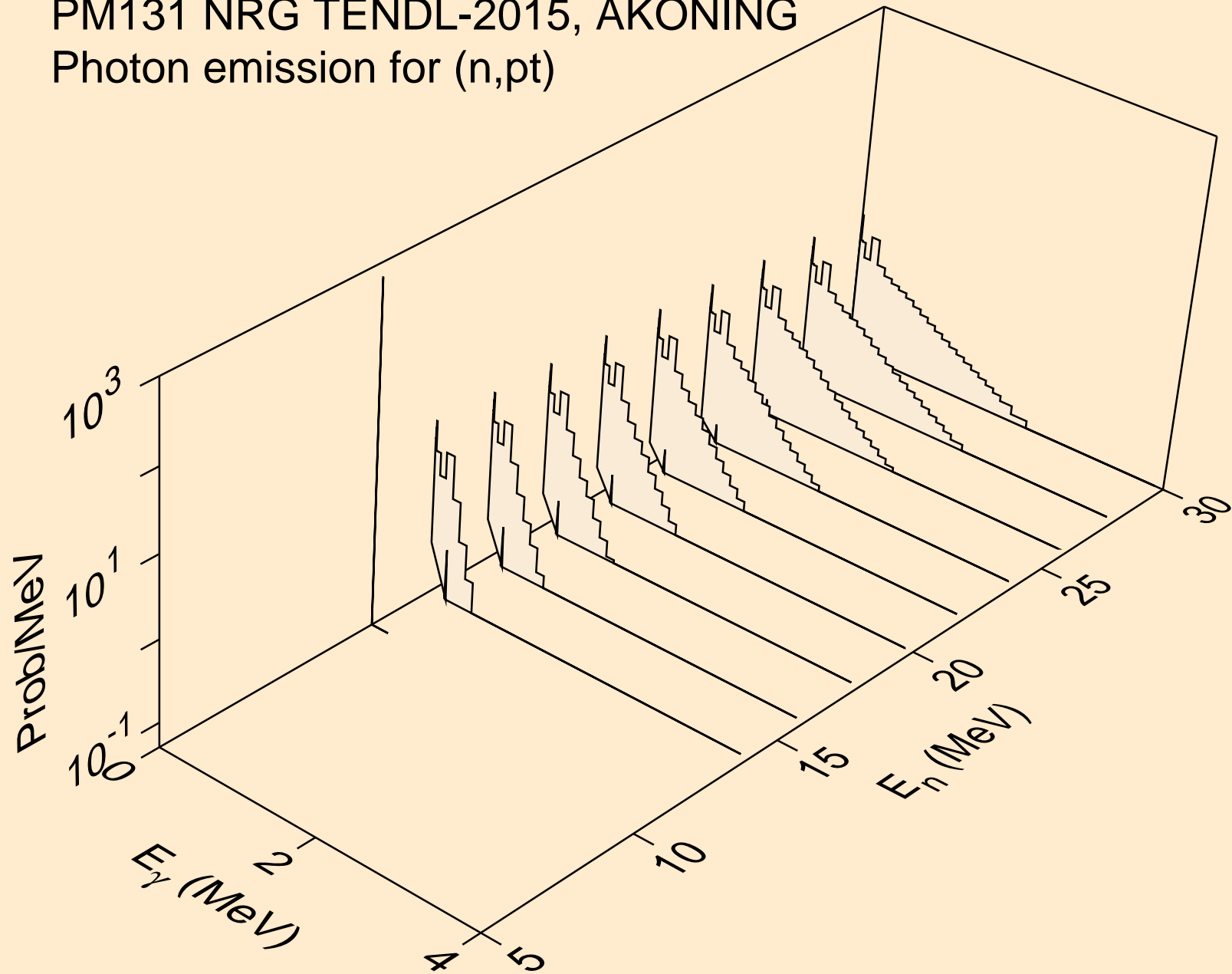
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



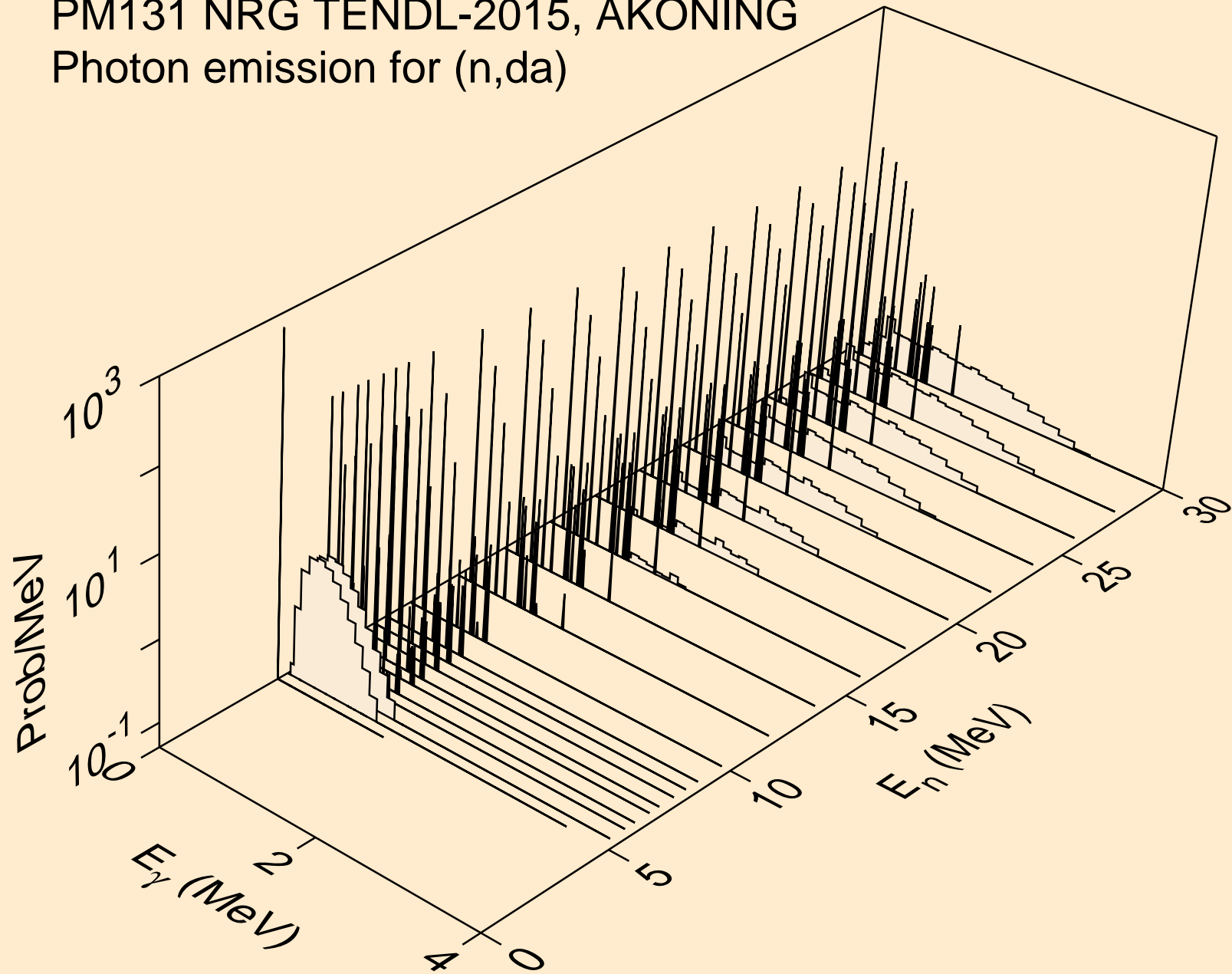
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



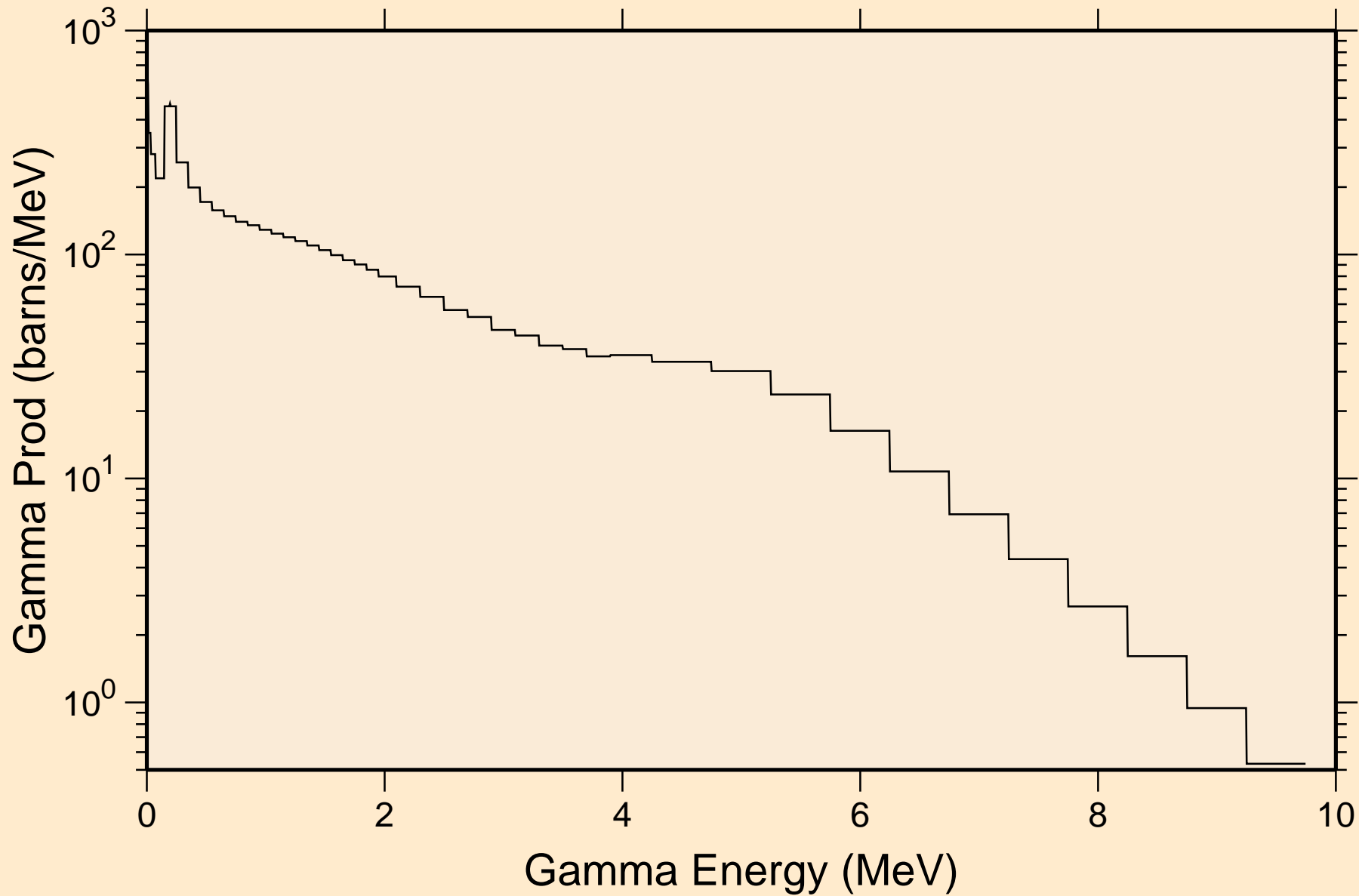
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



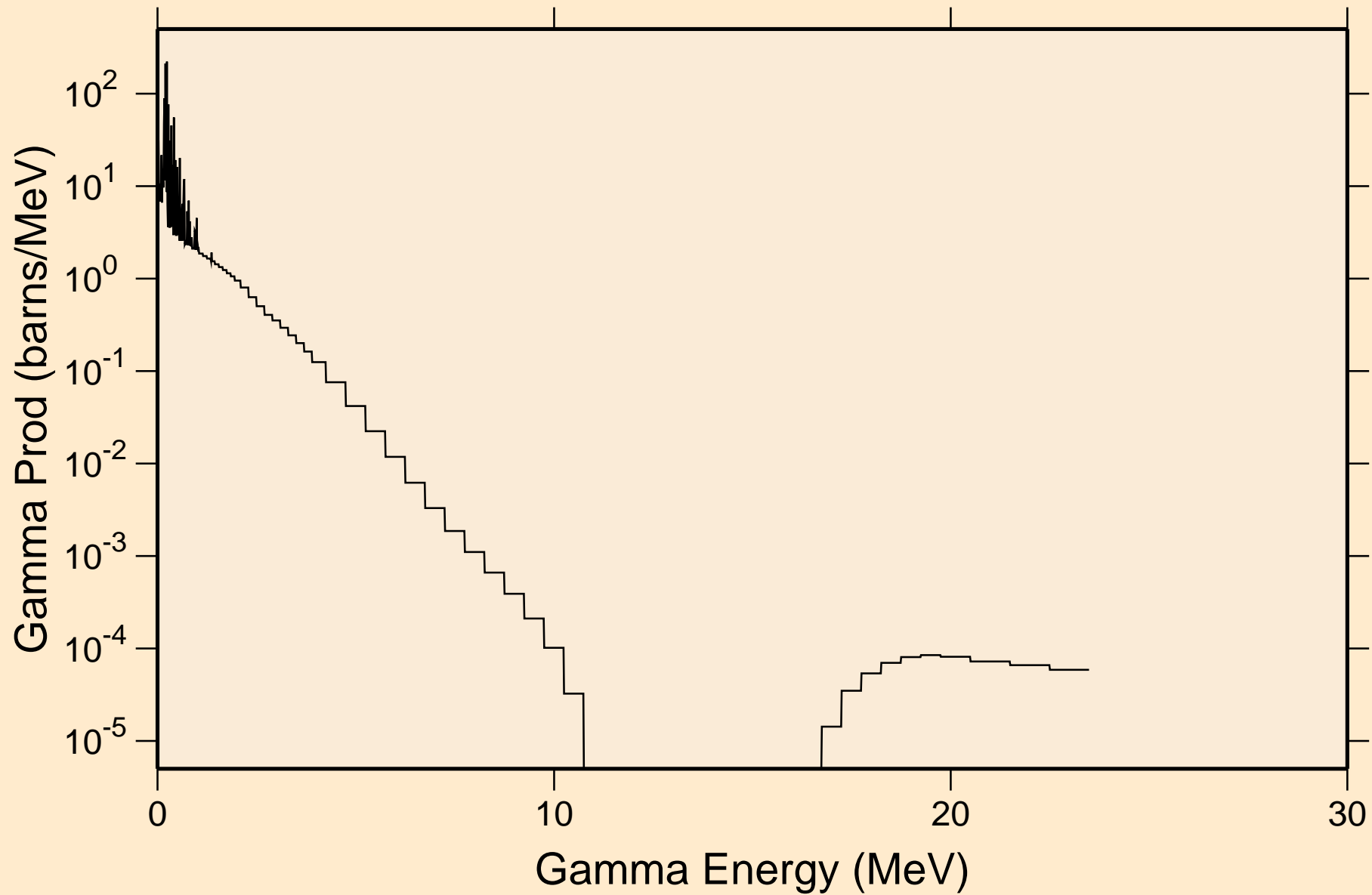
PM131 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PM131 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



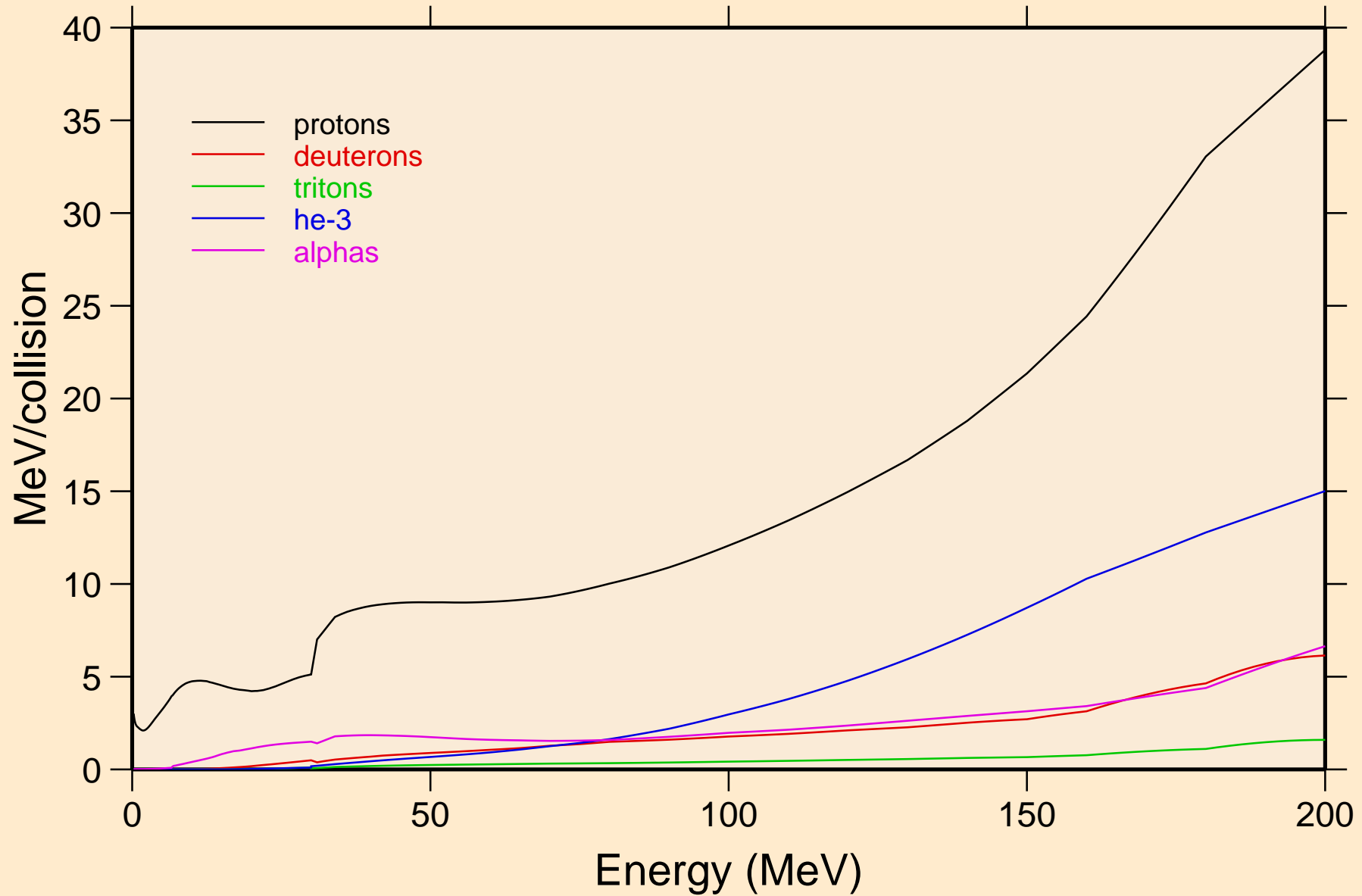
PM131 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





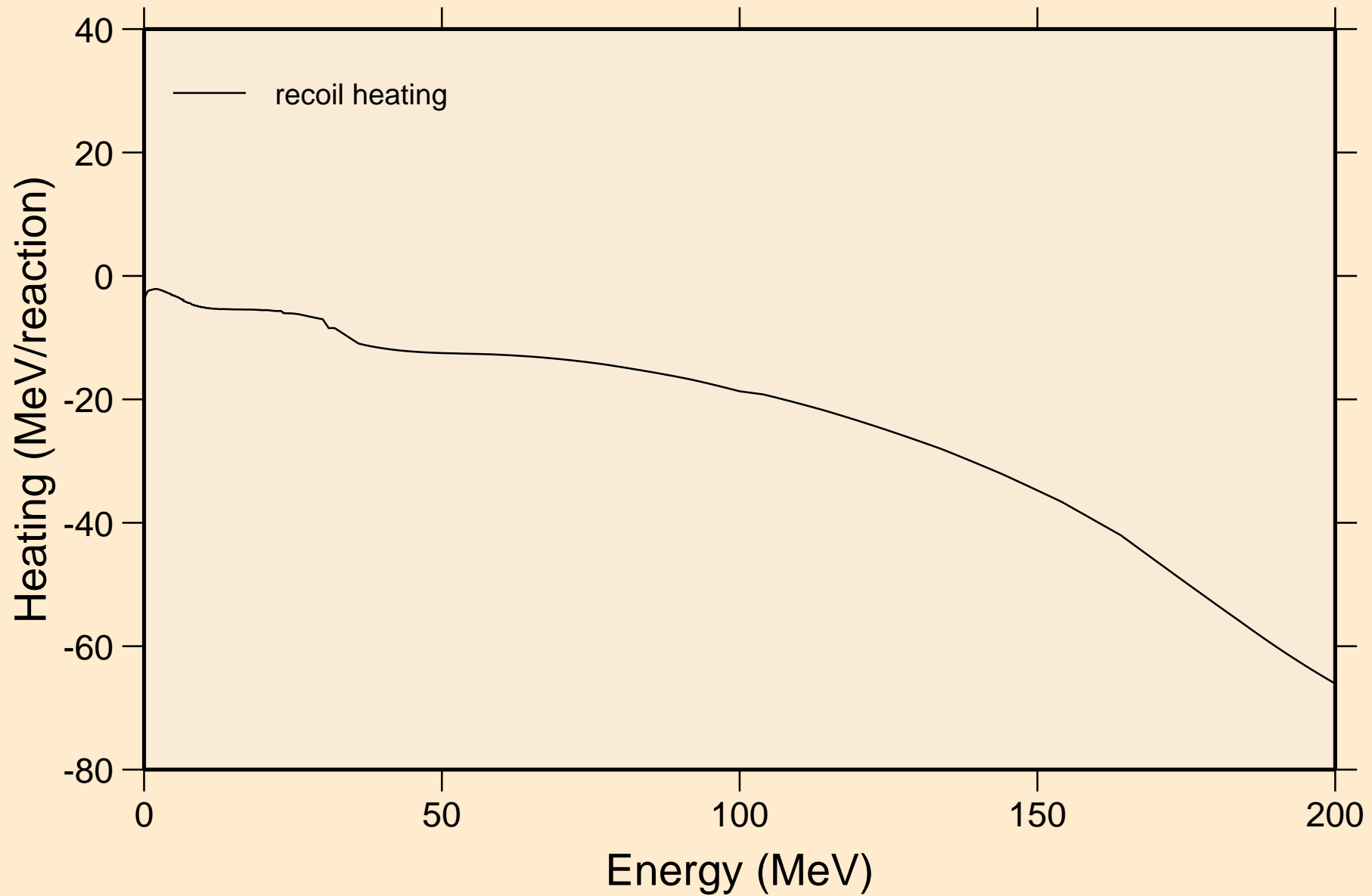
# PM131 NRG TENDL-2015, AKONING

## Particle heating contributions



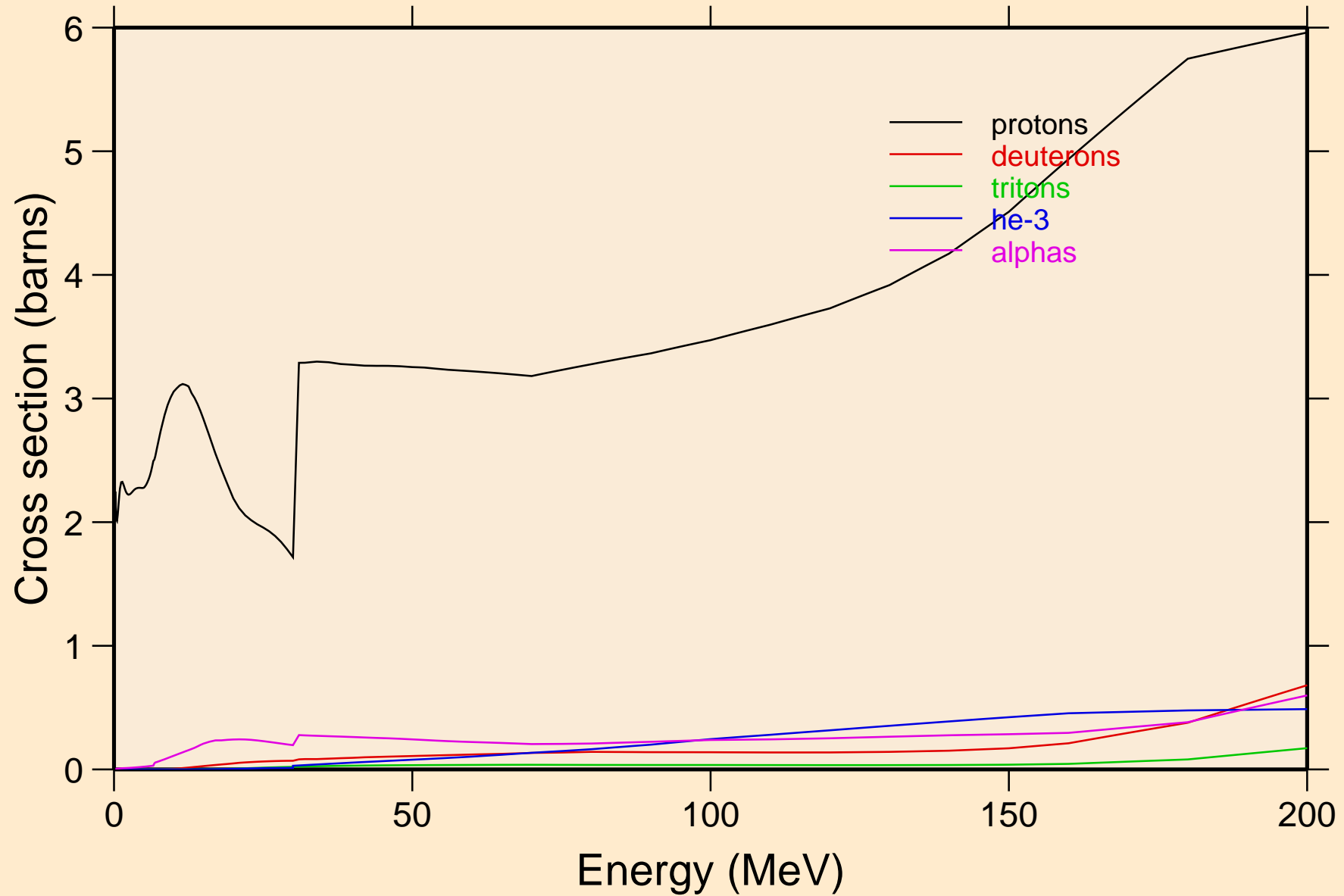
# PM131 NRG TENDL-2015, AKONING

## Recoil Heating

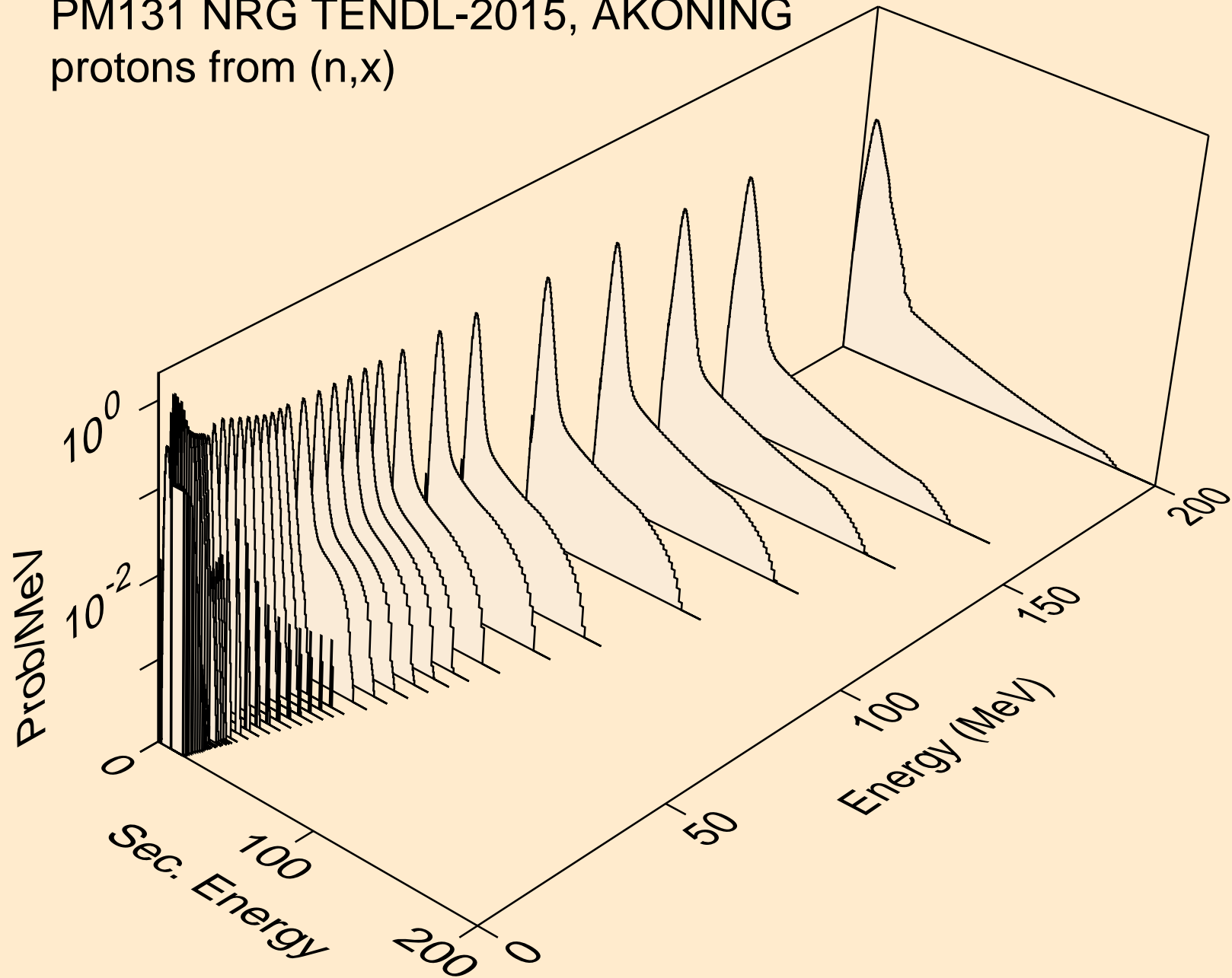


# PM131 NRG TENDL-2015, AKONING

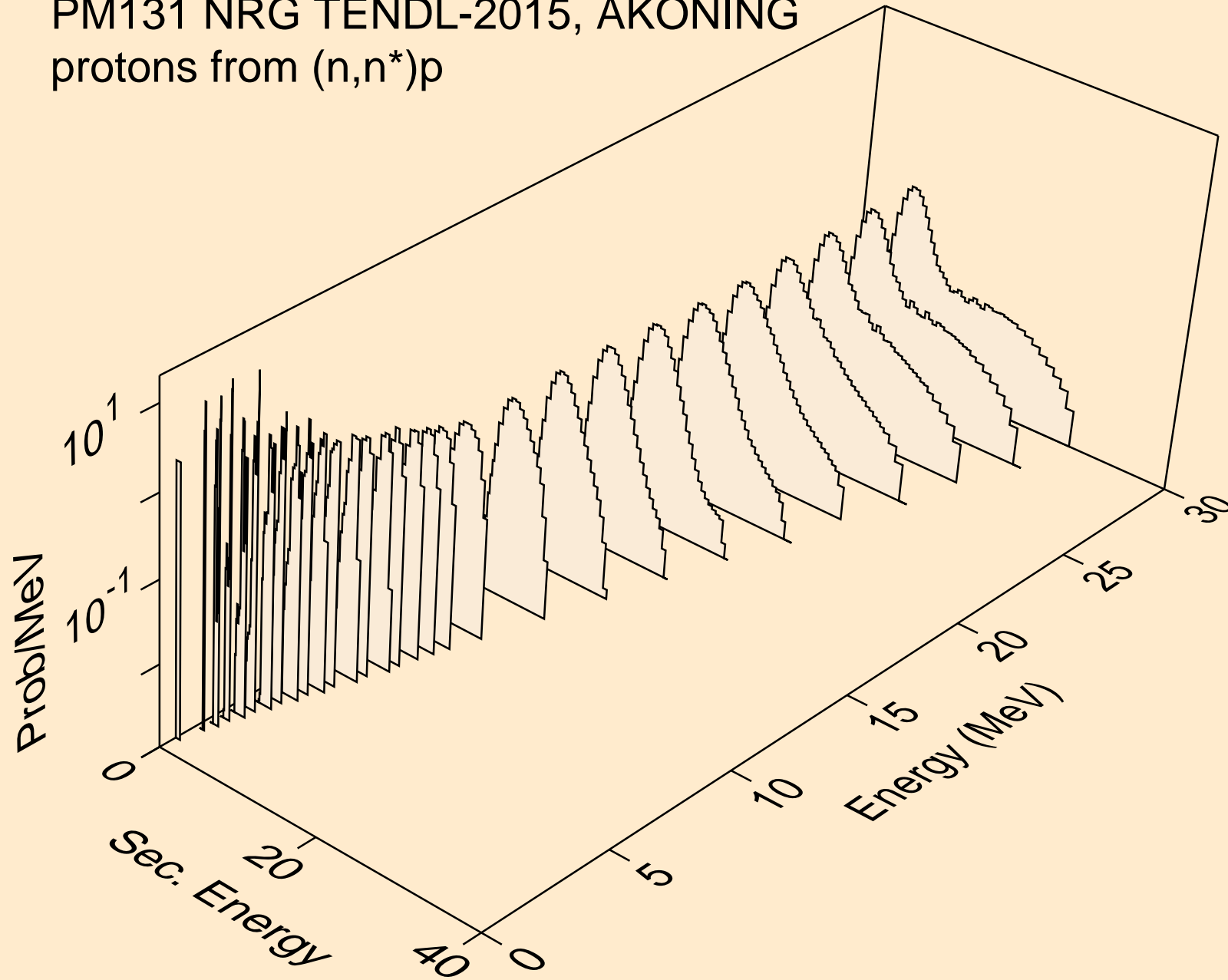
## Particle production cross sections



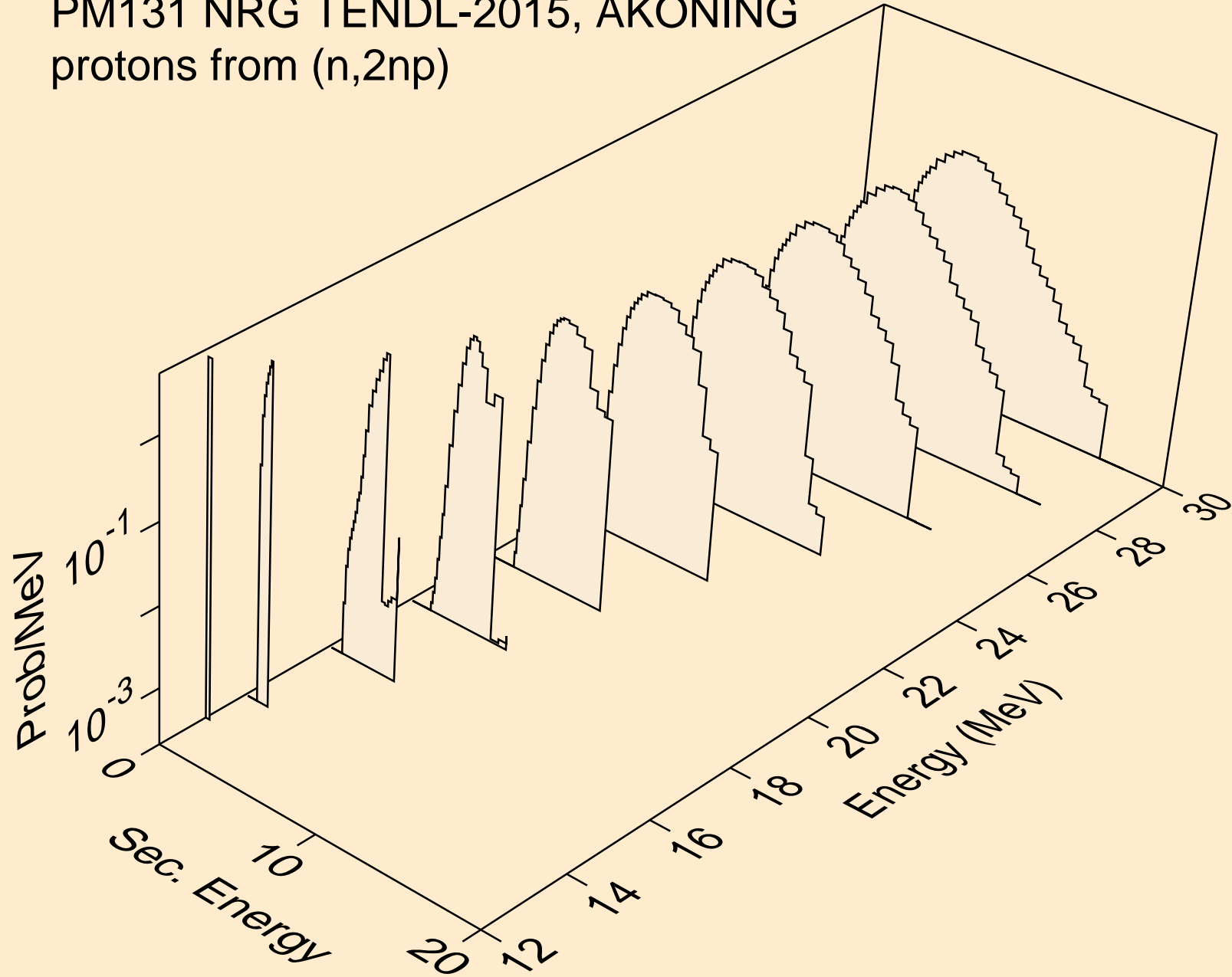
PM131 NRG TENDL-2015, AKONING  
protons from (n,x)



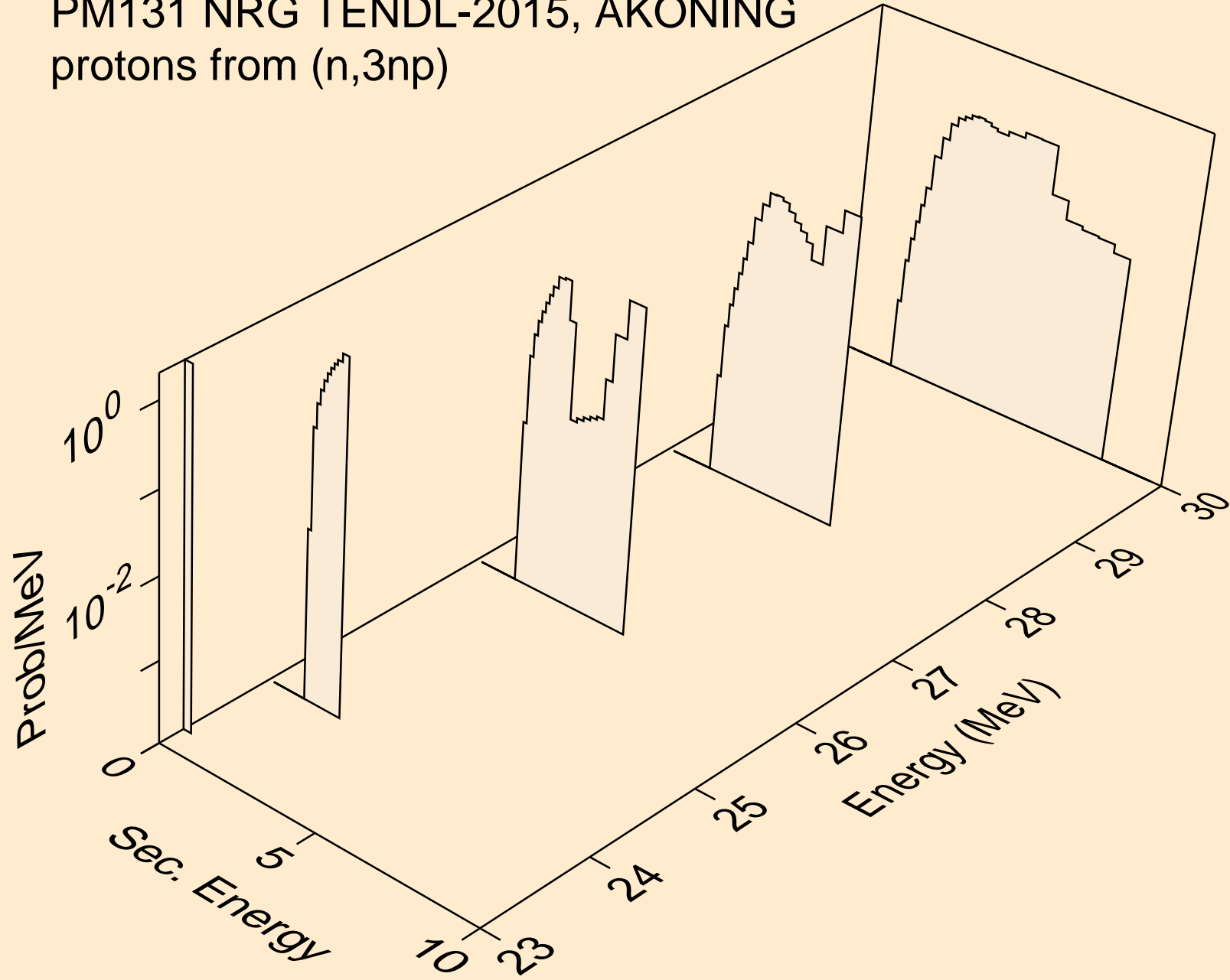
PM131 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



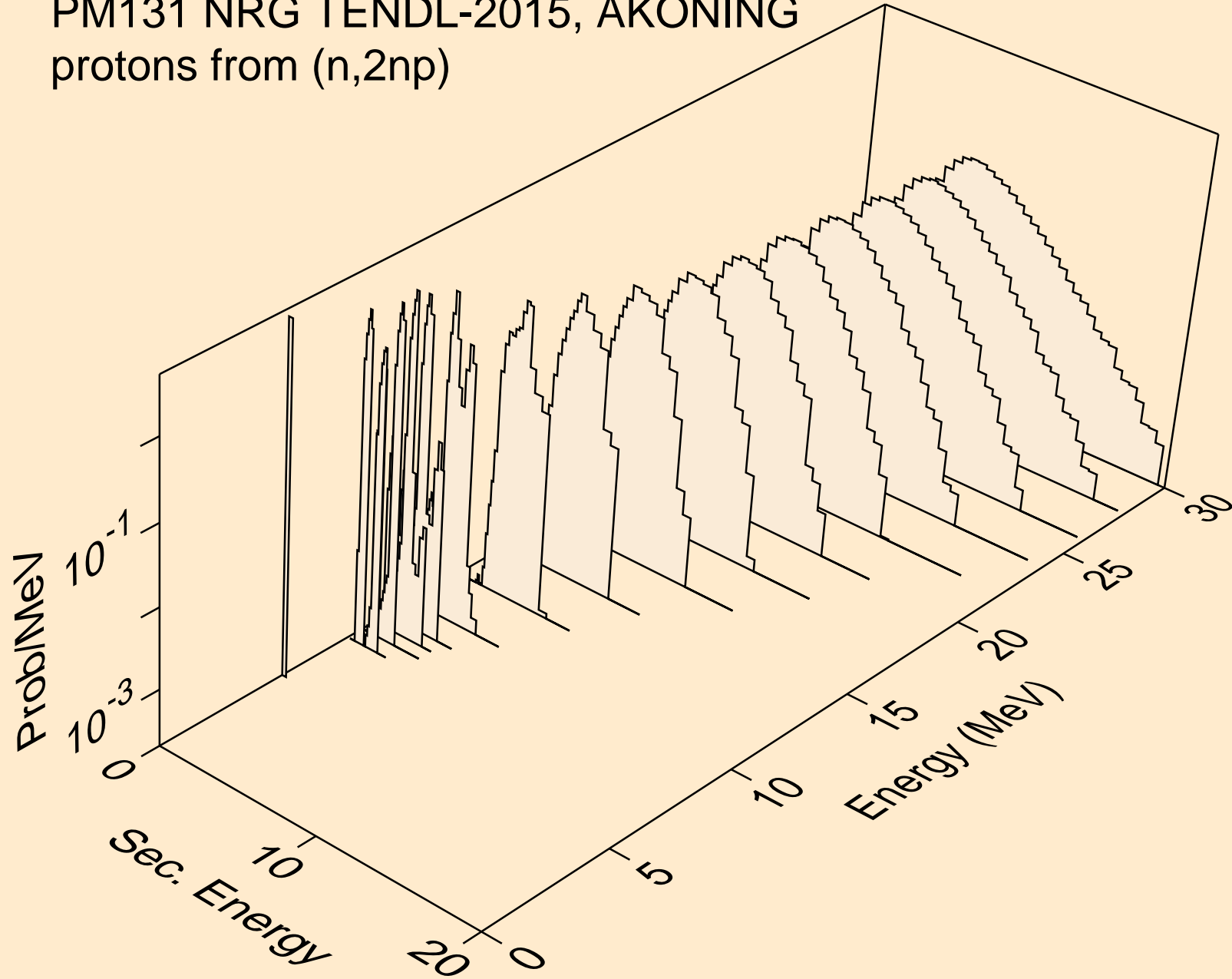
PM131 NRG TENDL-2015, AKONING  
protons from (n,2np)



PM131 NRG TENDL-2015, AKONING  
protons from (n,3np)

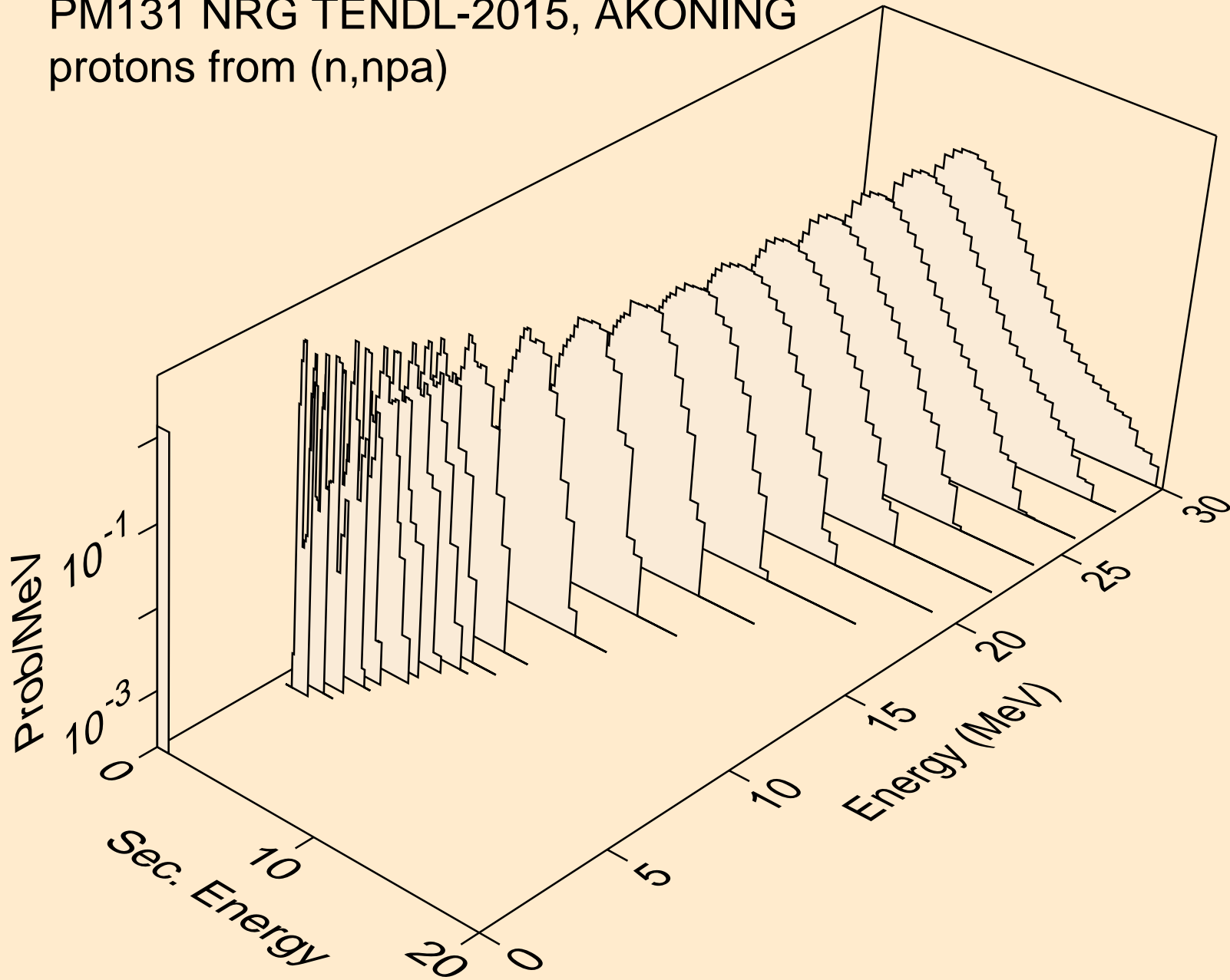


PM131 NRG TENDL-2015, AKONING  
protons from (n,2np)

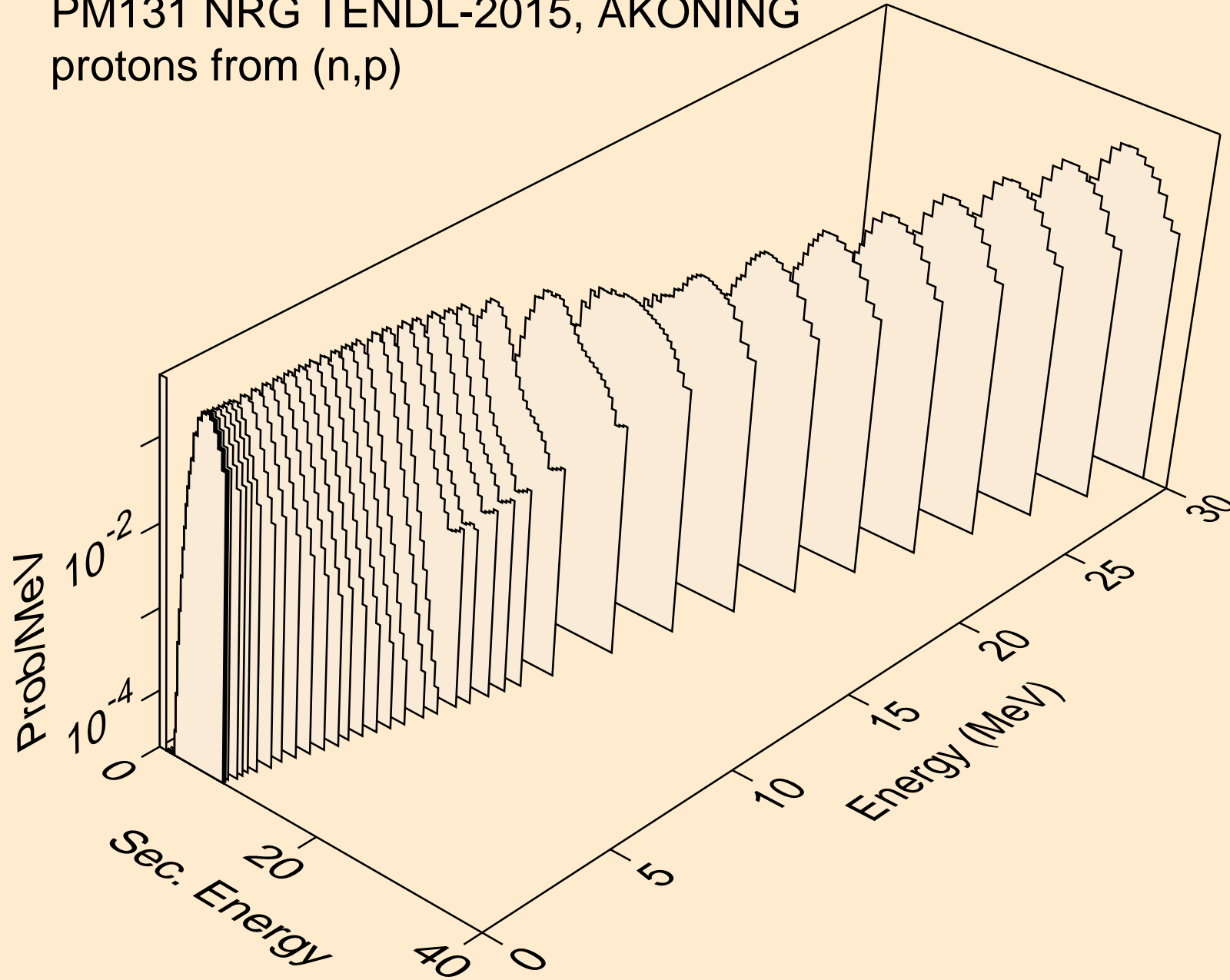




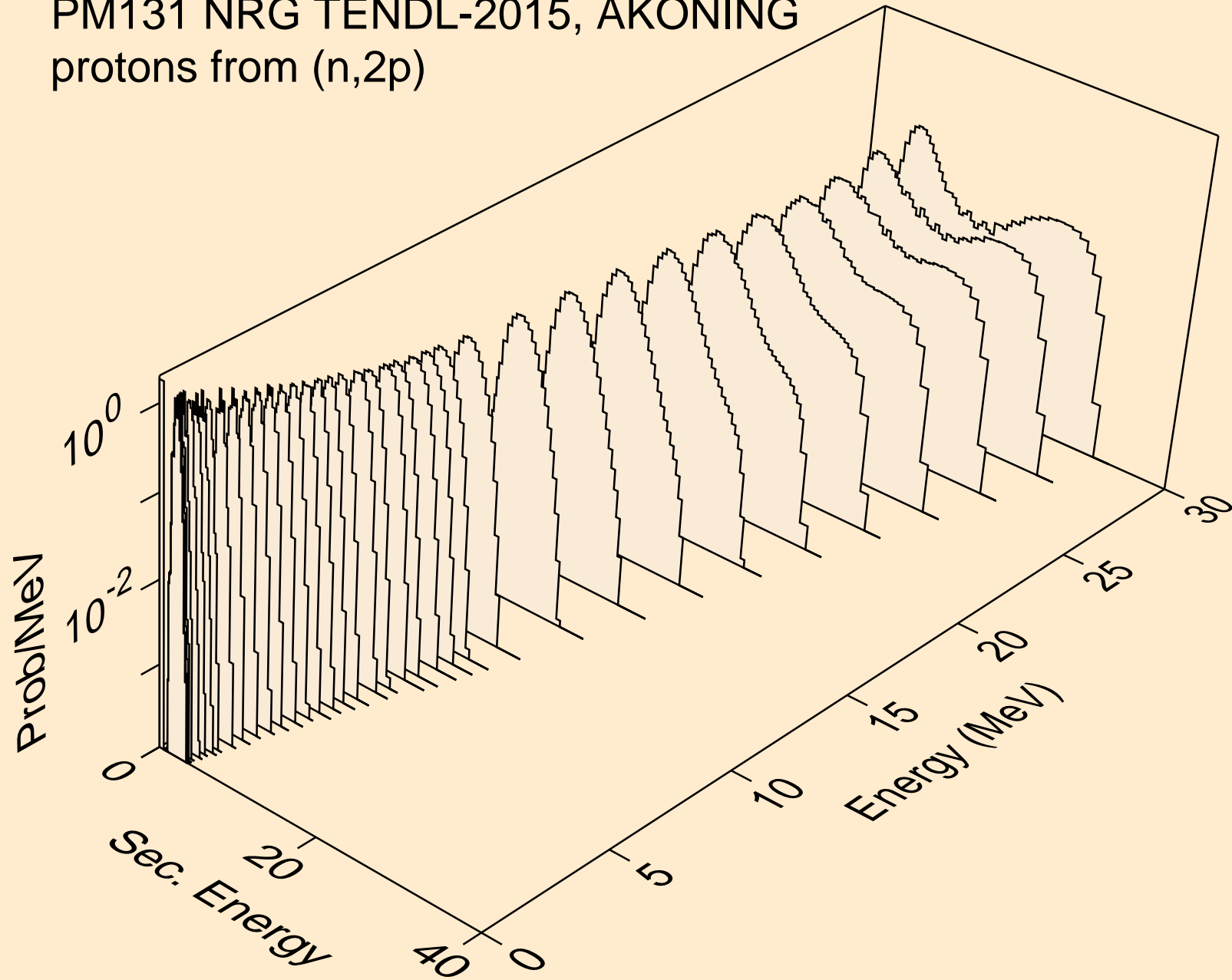
PM131 NRG TENDL-2015, AKONING  
protons from (n,npa)



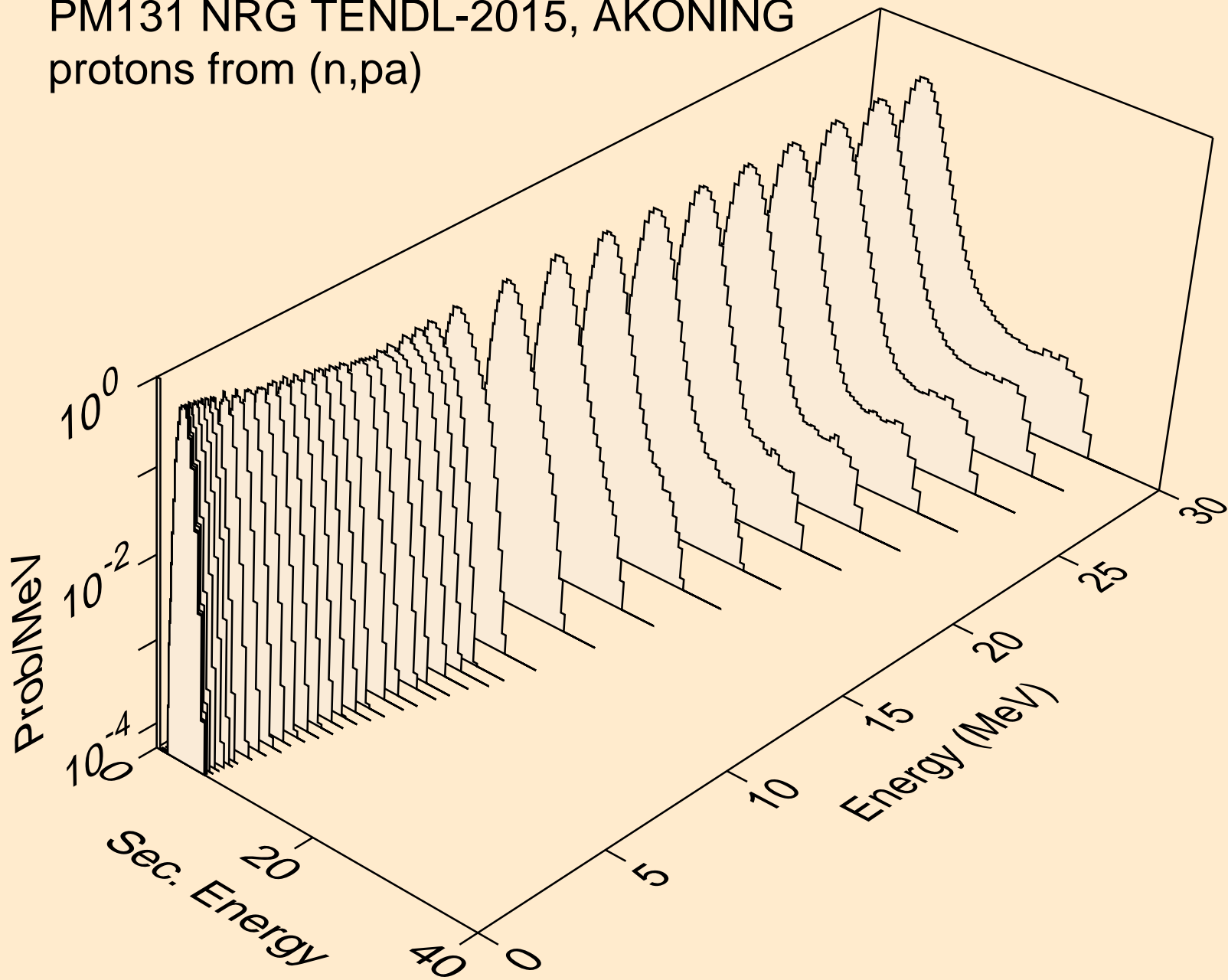
PM131 NRG TENDL-2015, AKONING  
protons from (n,p)



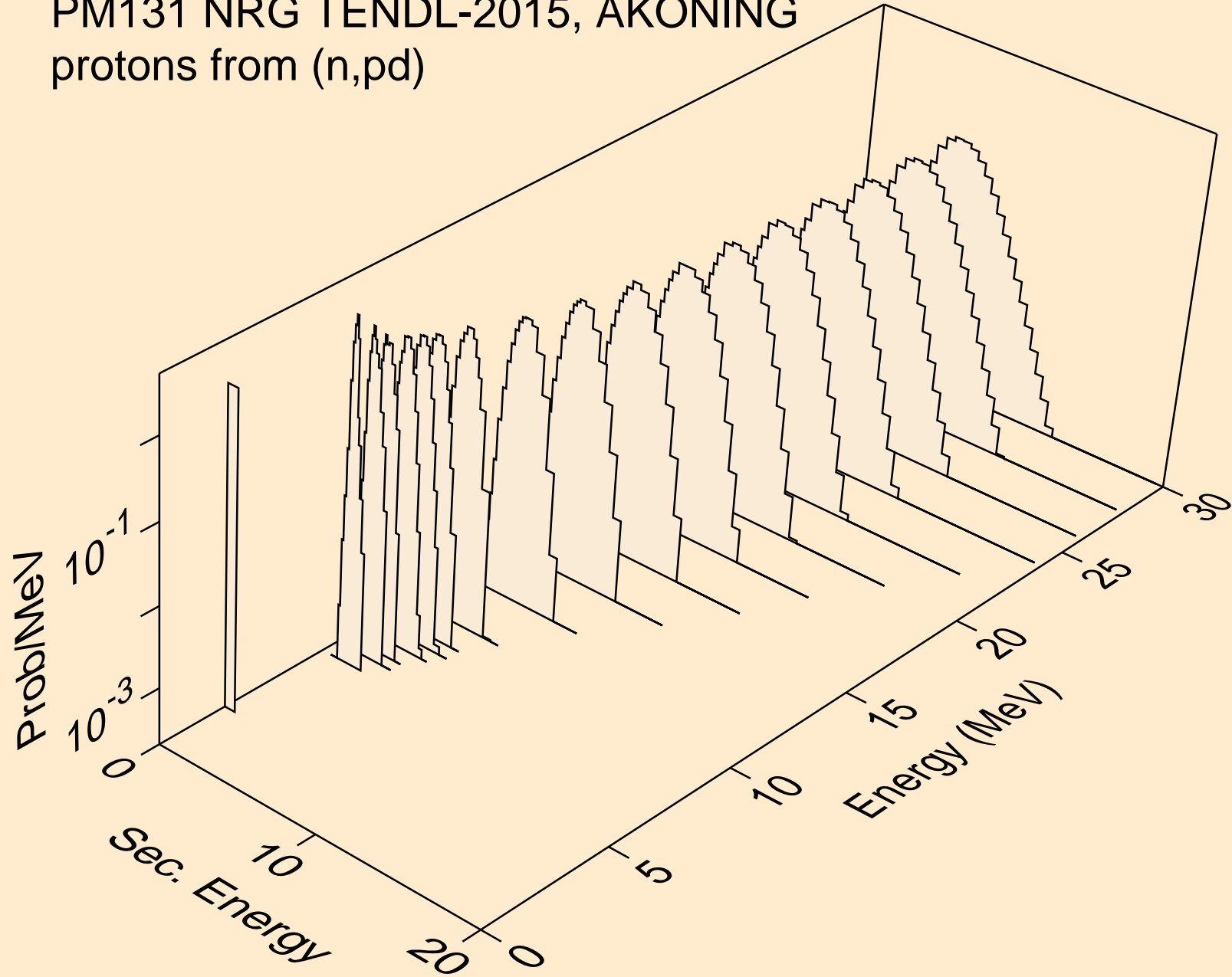
PM131 NRG TENDL-2015, AKONING  
protons from (n,2p)



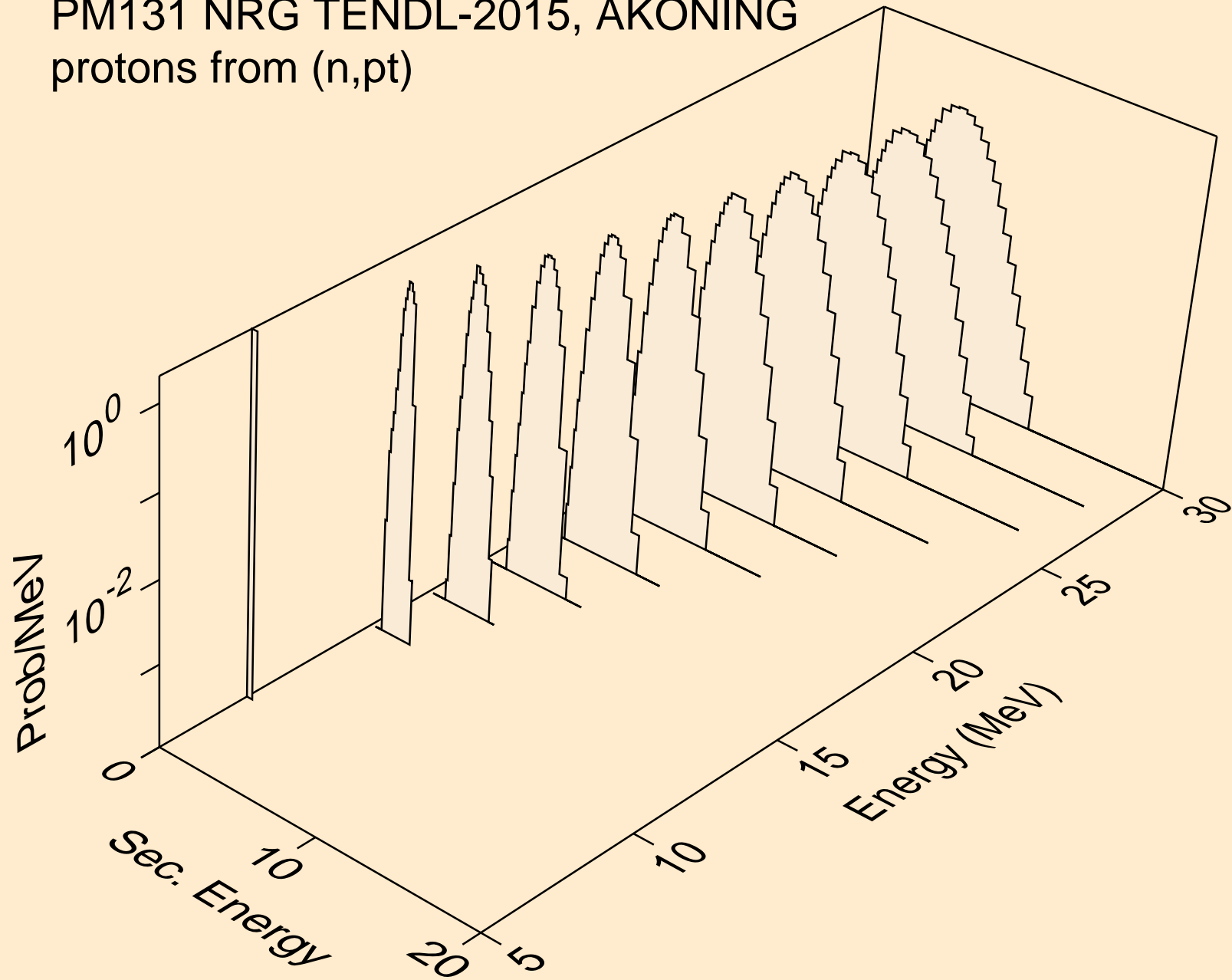
PM131 NRG TENDL-2015, AKONING  
protons from (n,pa)



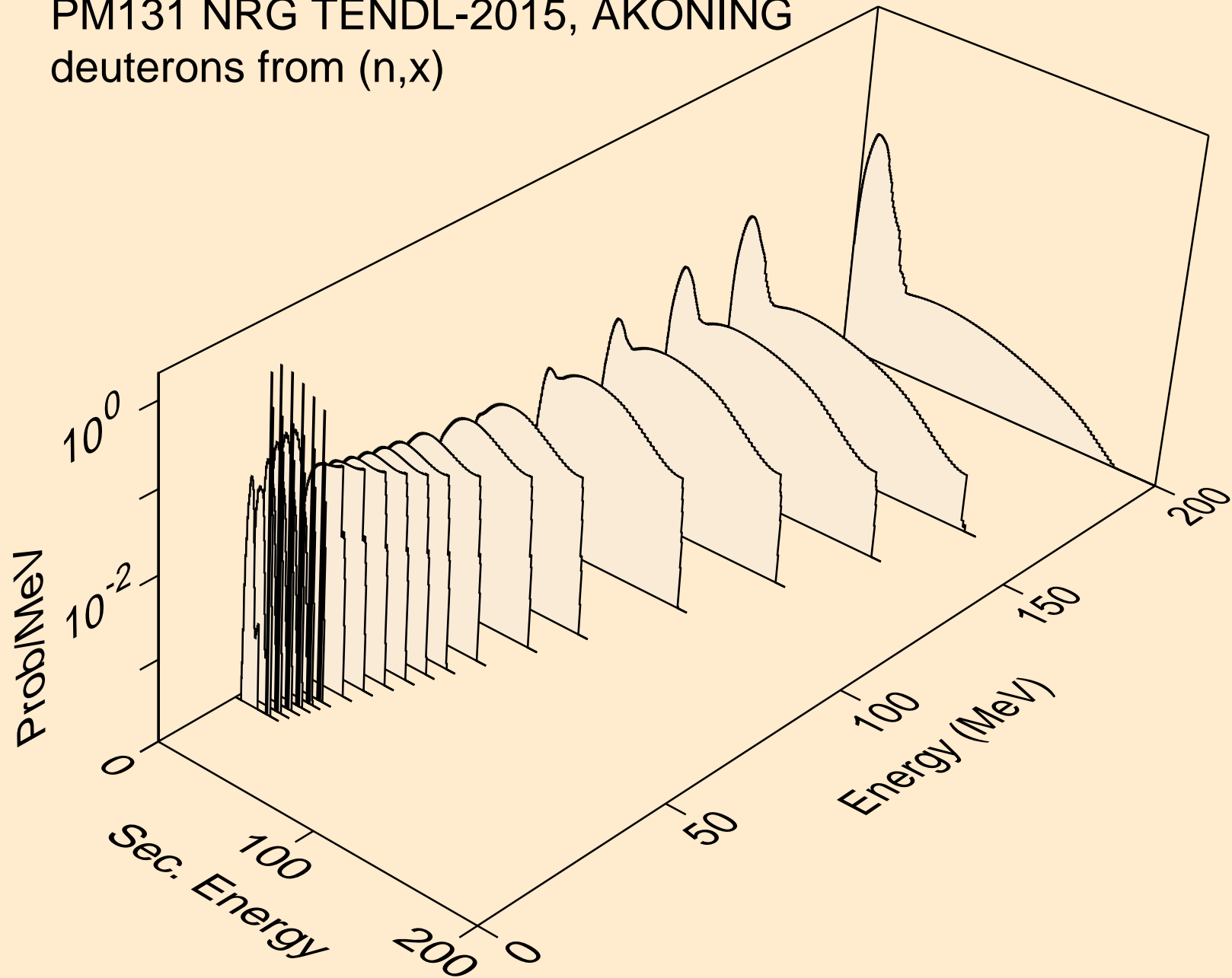
PM131 NRG TENDL-2015, AKONING  
protons from (n,pd)



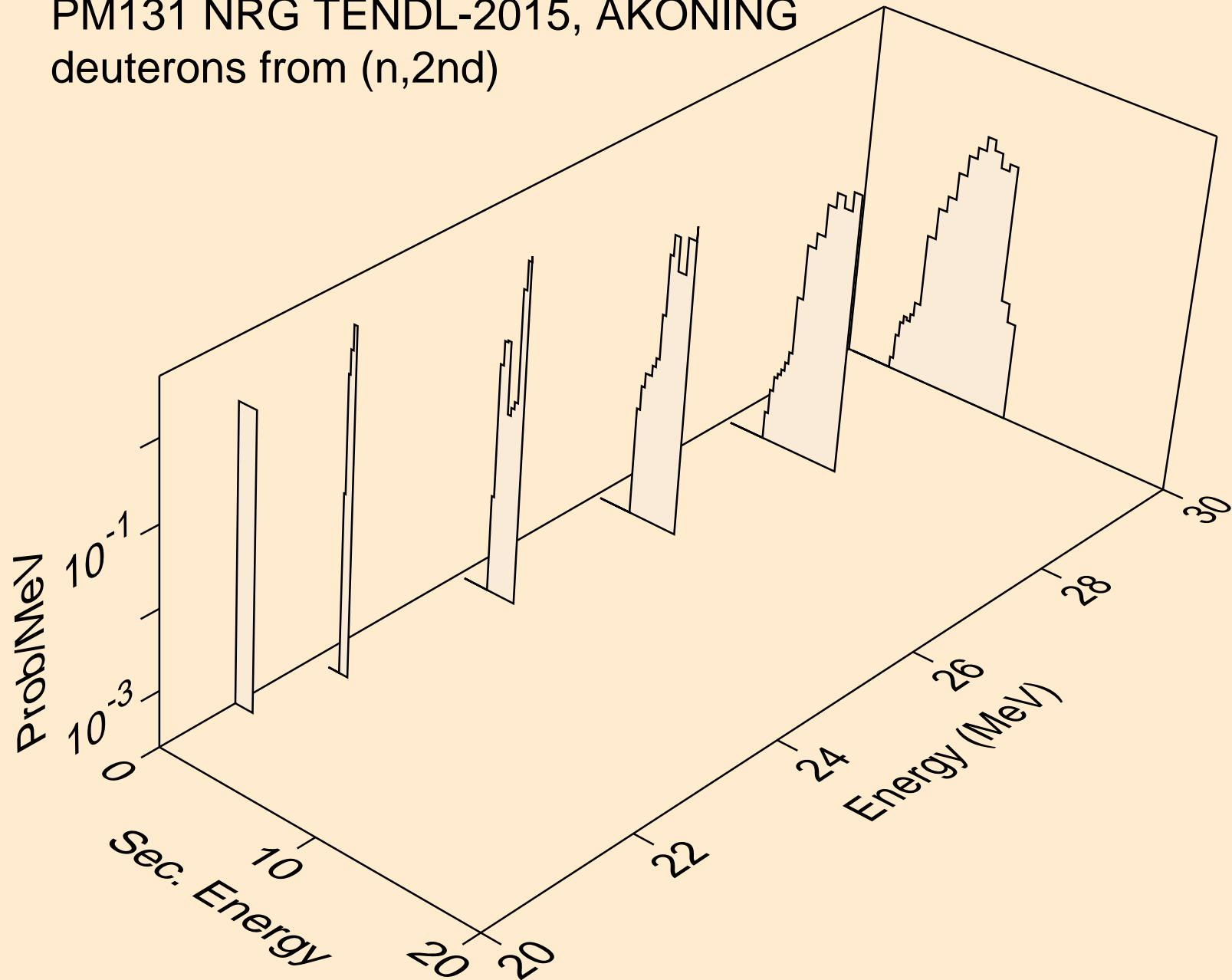
PM131 NRG TENDL-2015, AKONING  
protons from (n,pt)



PM131 NRG TENDL-2015, AKONING  
deuterons from (n,x)

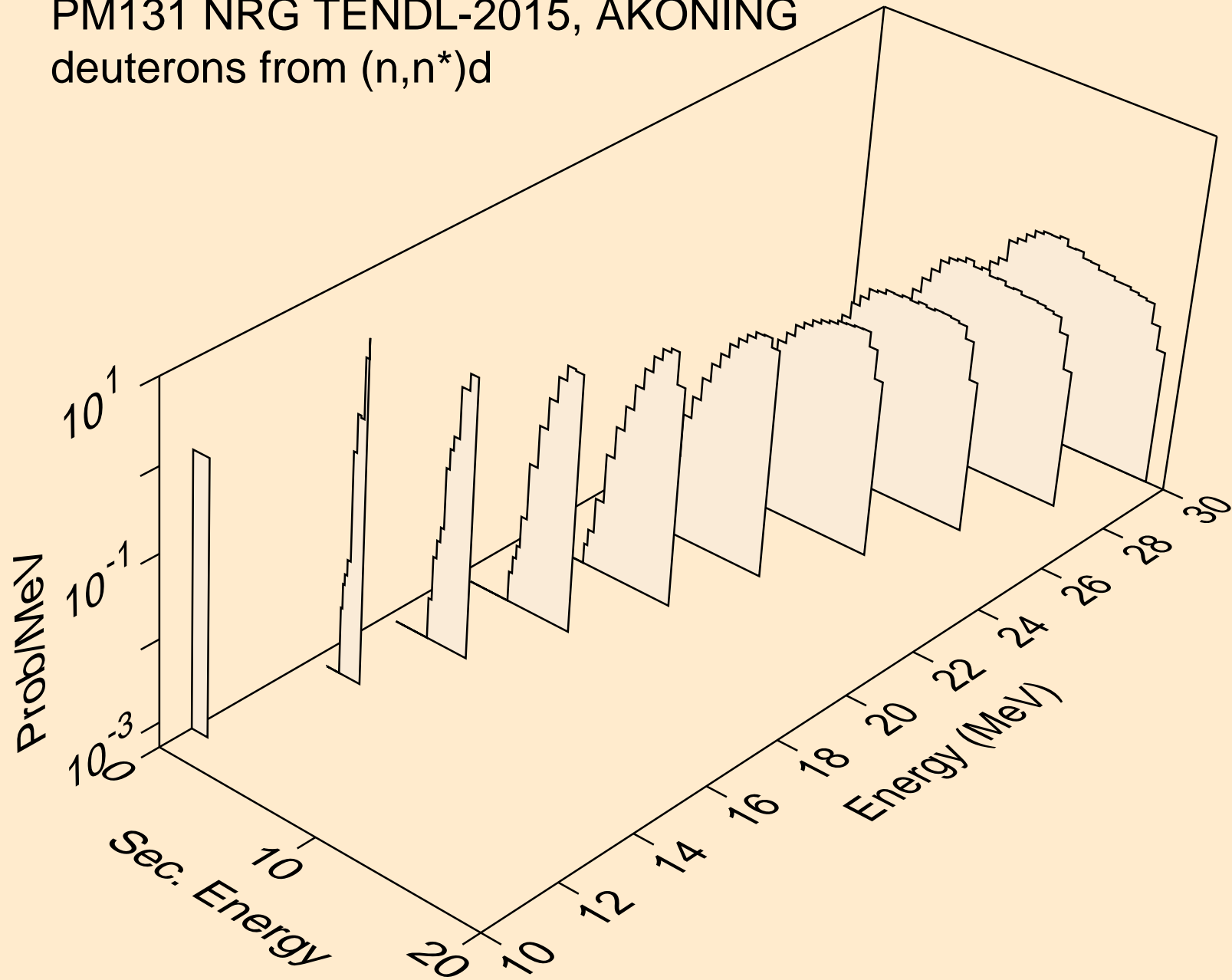


PM131 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

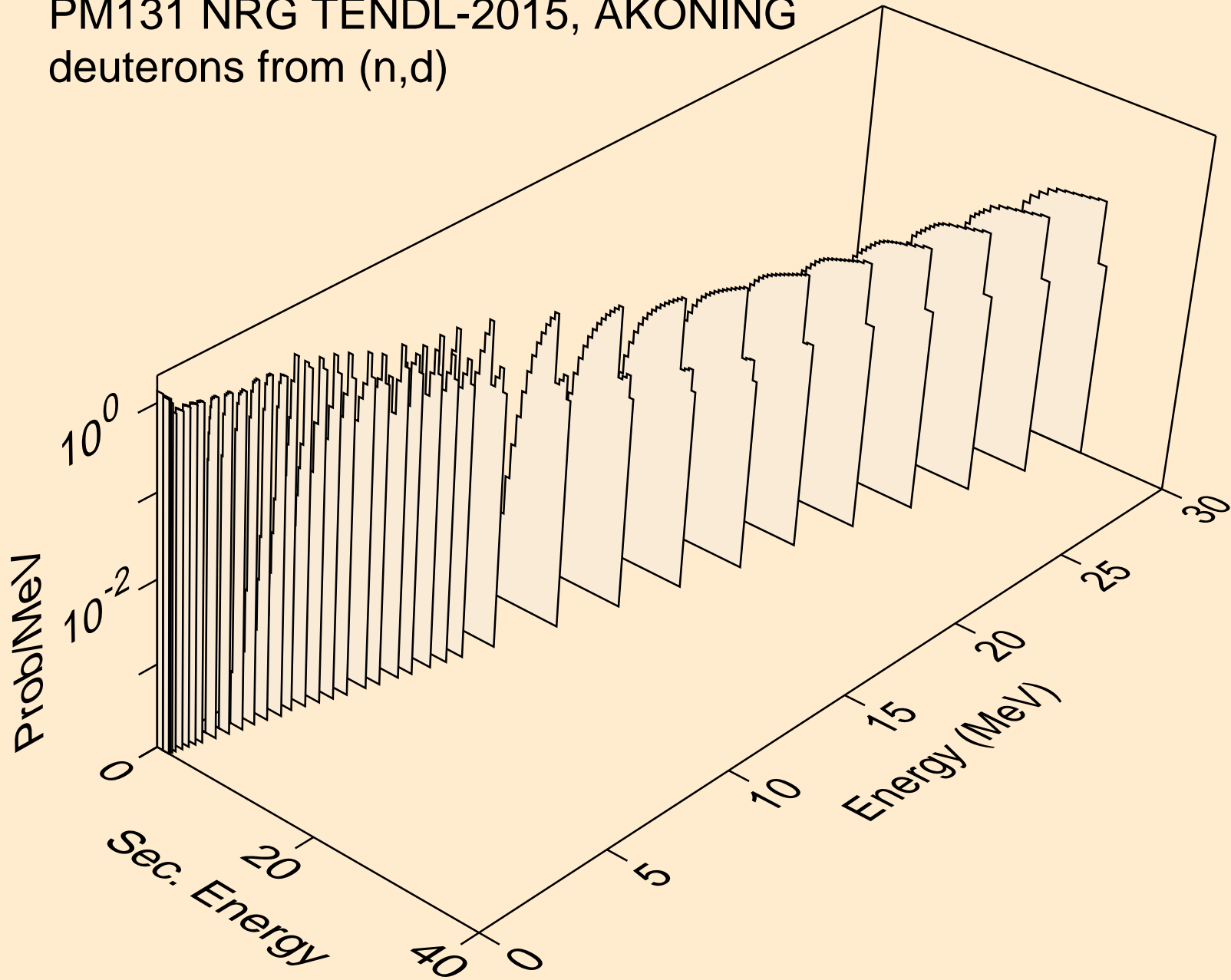




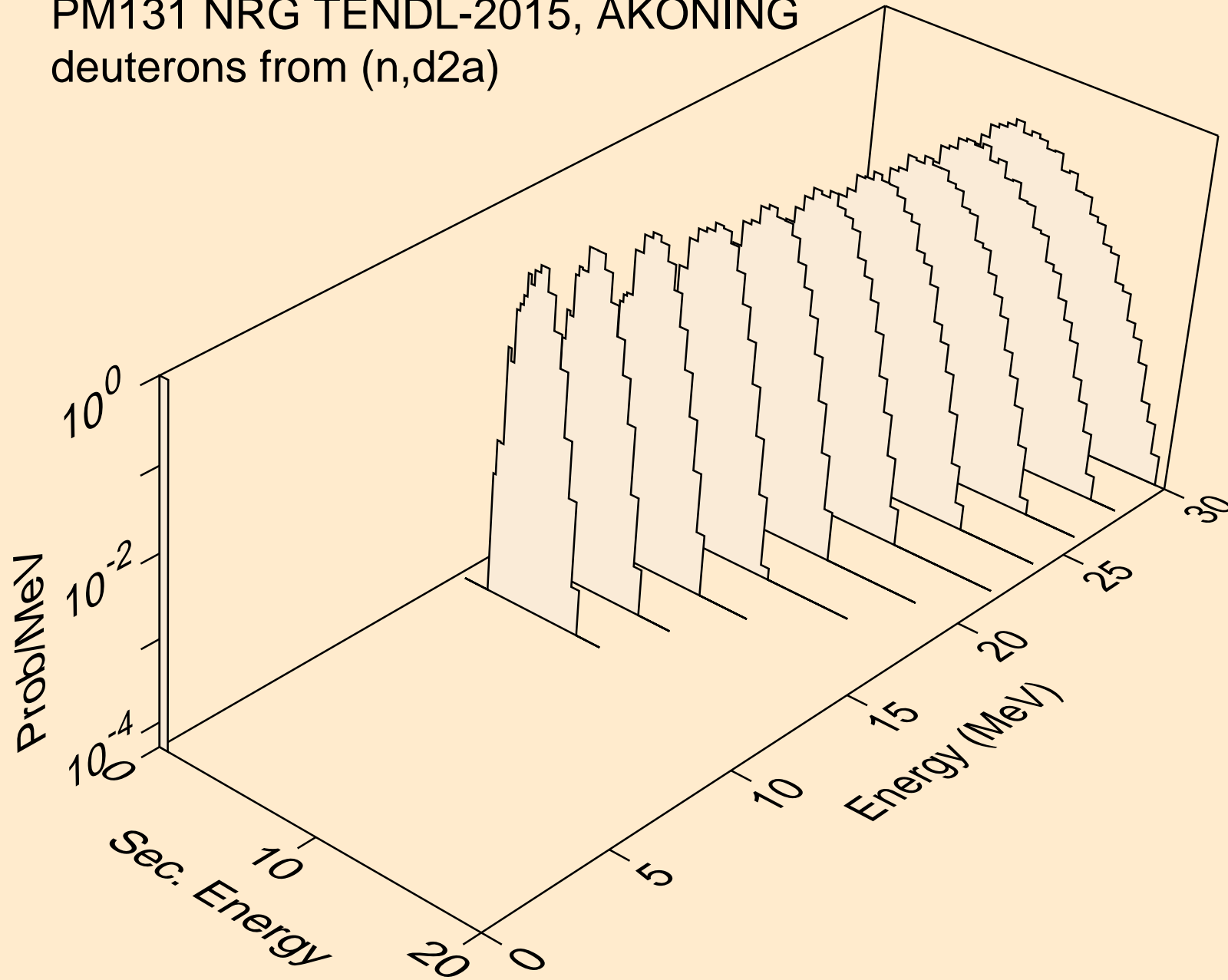
PM131 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



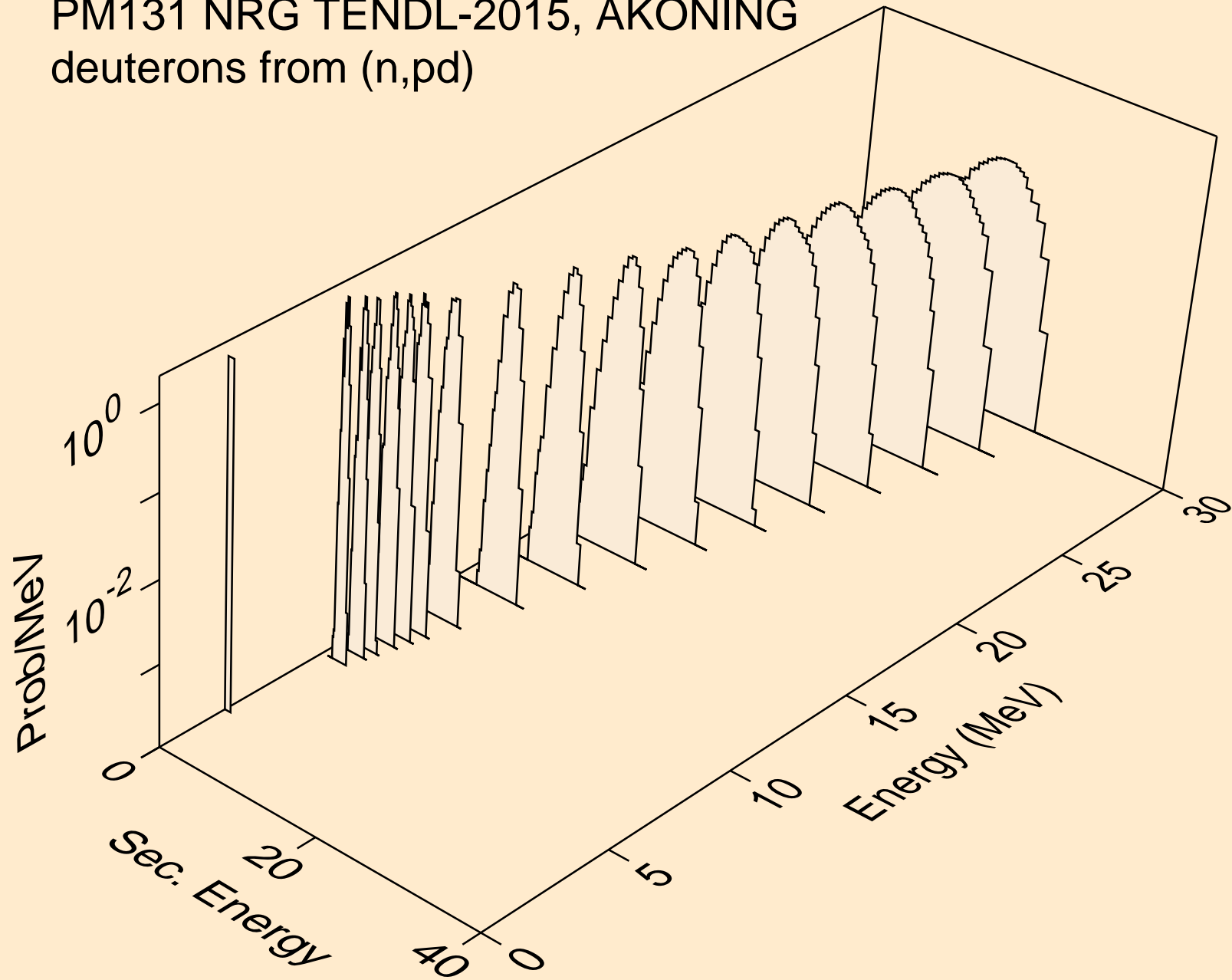
PM131 NRG TENDL-2015, AKONING  
deuterons from (n,d)



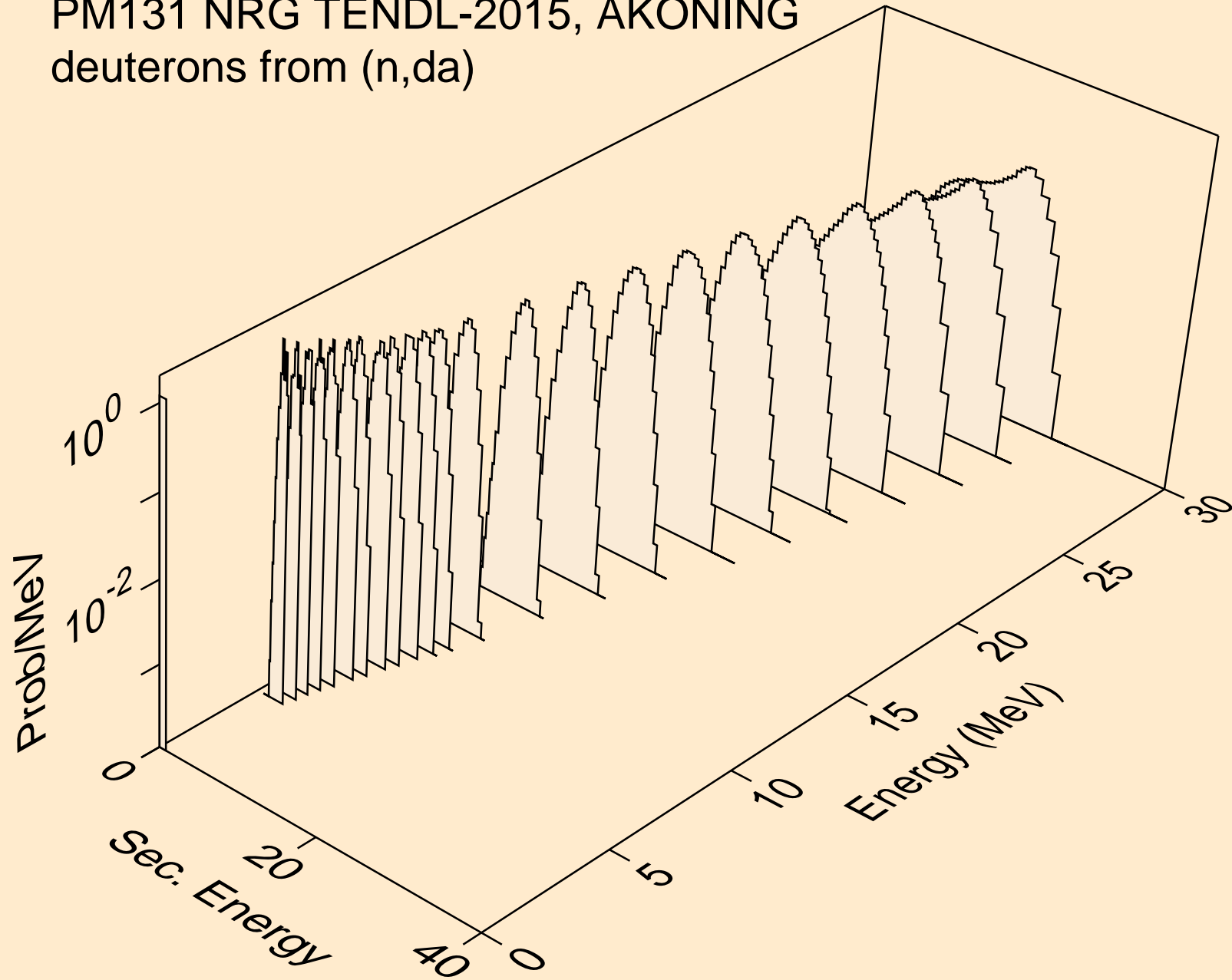
PM131 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



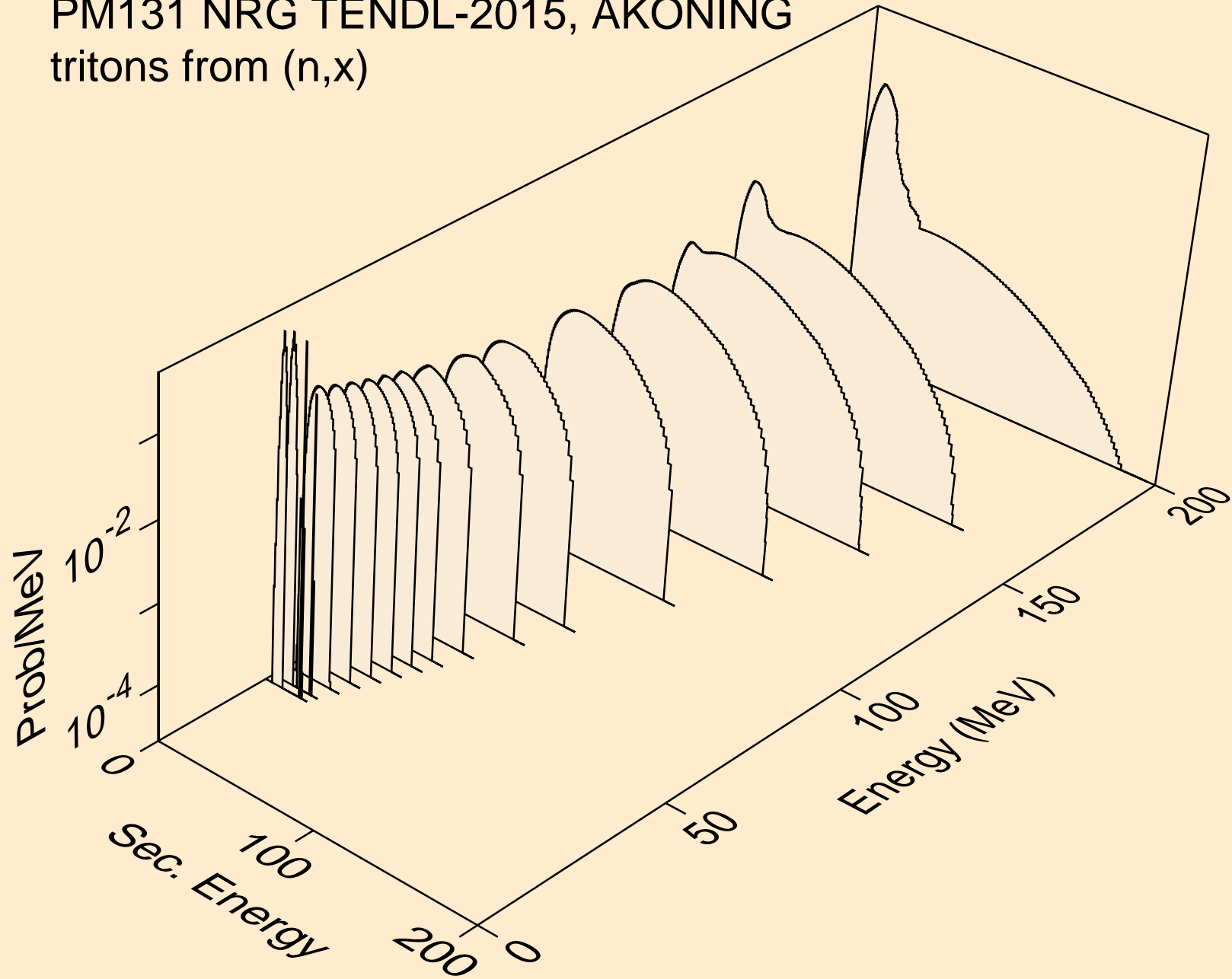
PM131 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



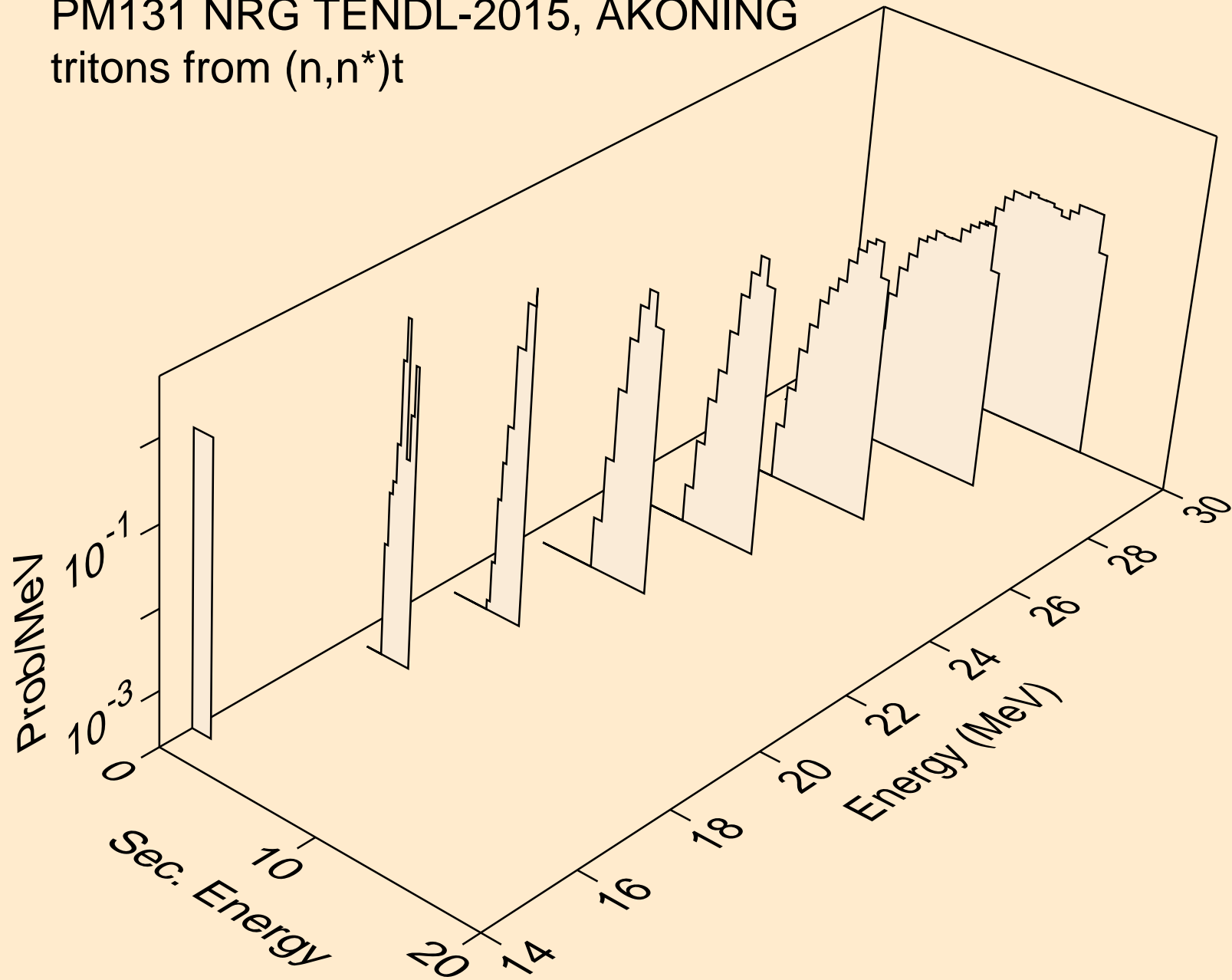
PM131 NRG TENDL-2015, AKONING  
deuterons from (n,da)



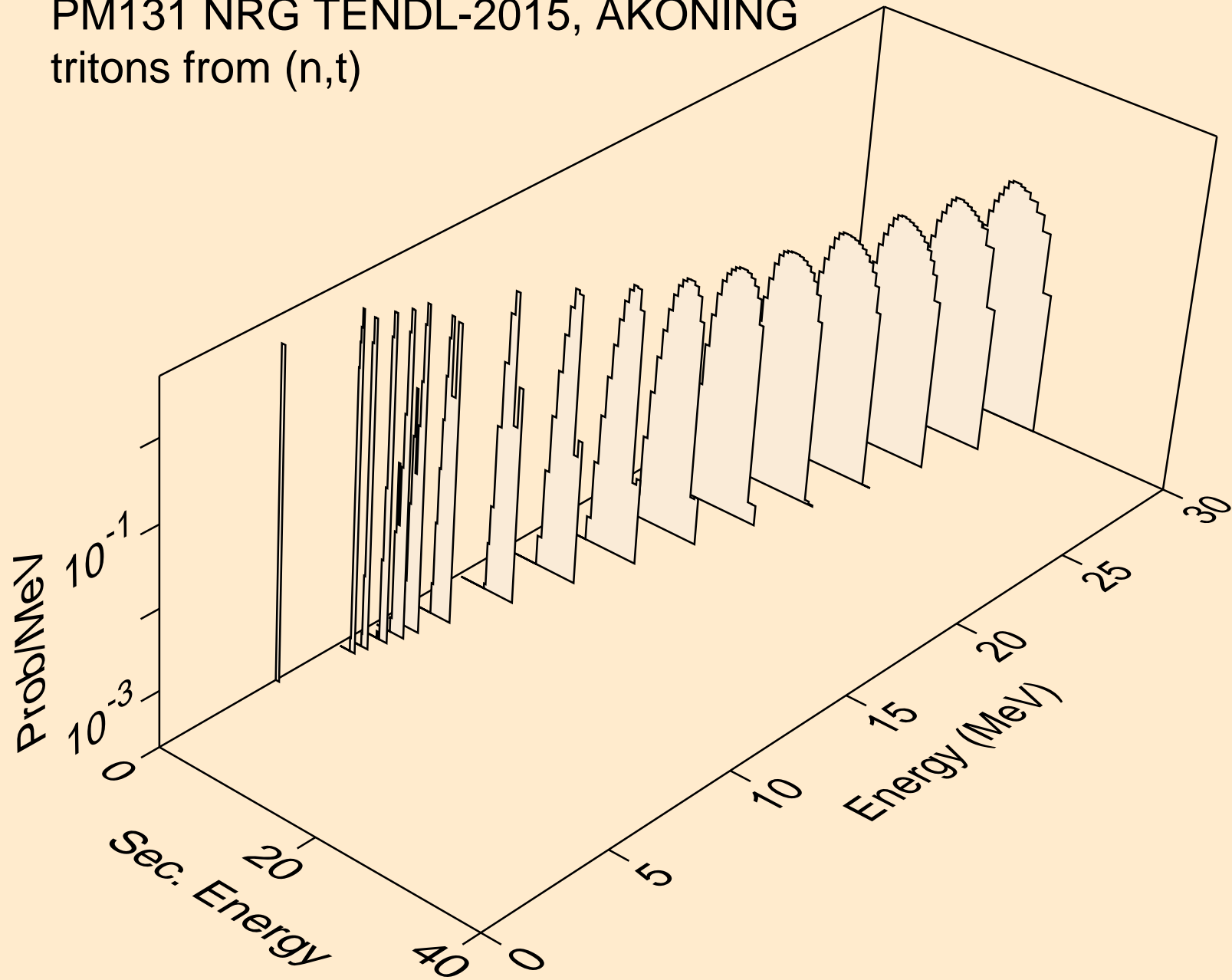
PM131 NRG TENDL-2015, AKONING  
tritons from (n,x)



PM131 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

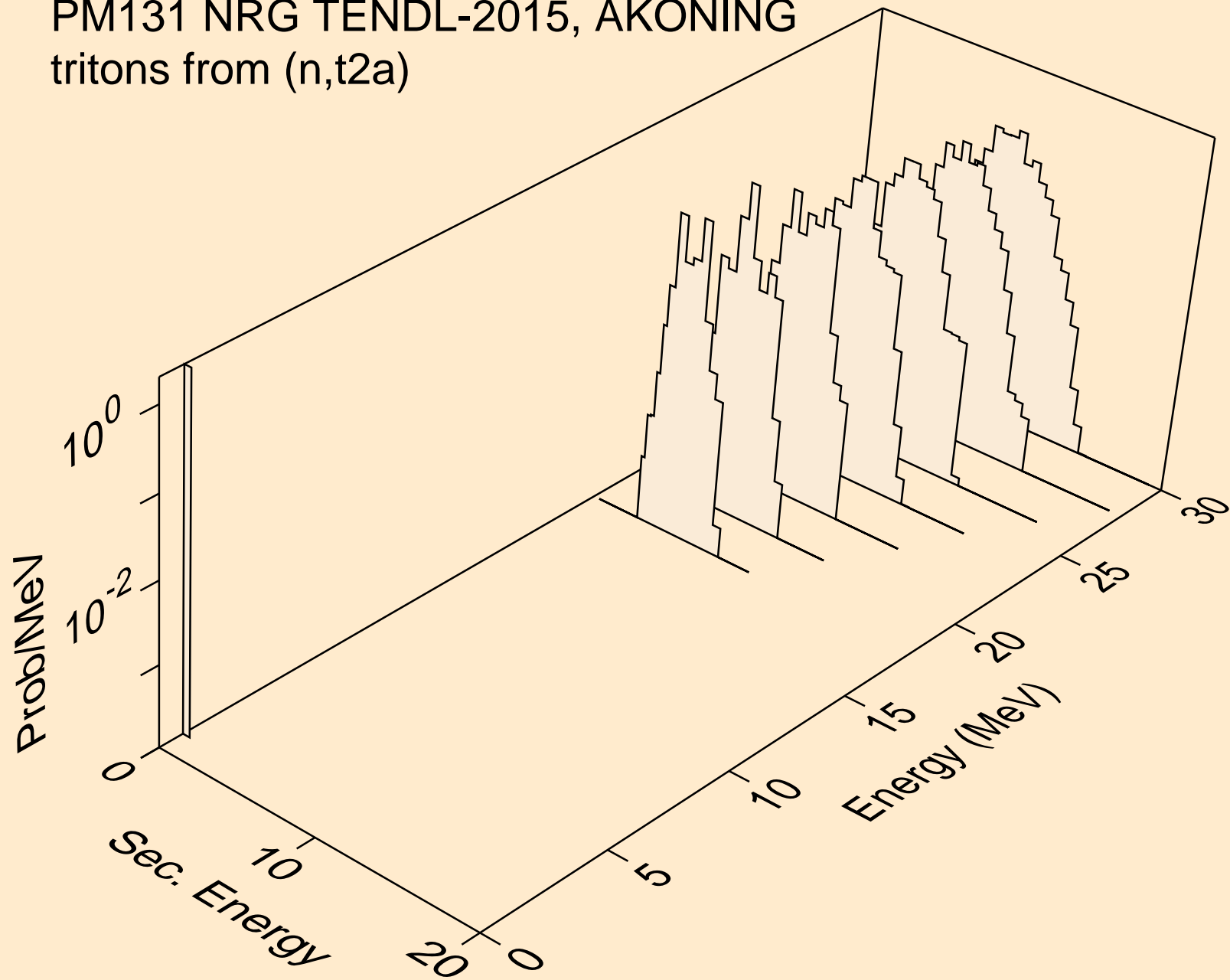


PM131 NRG TENDL-2015, AKONING  
tritons from (n,t)

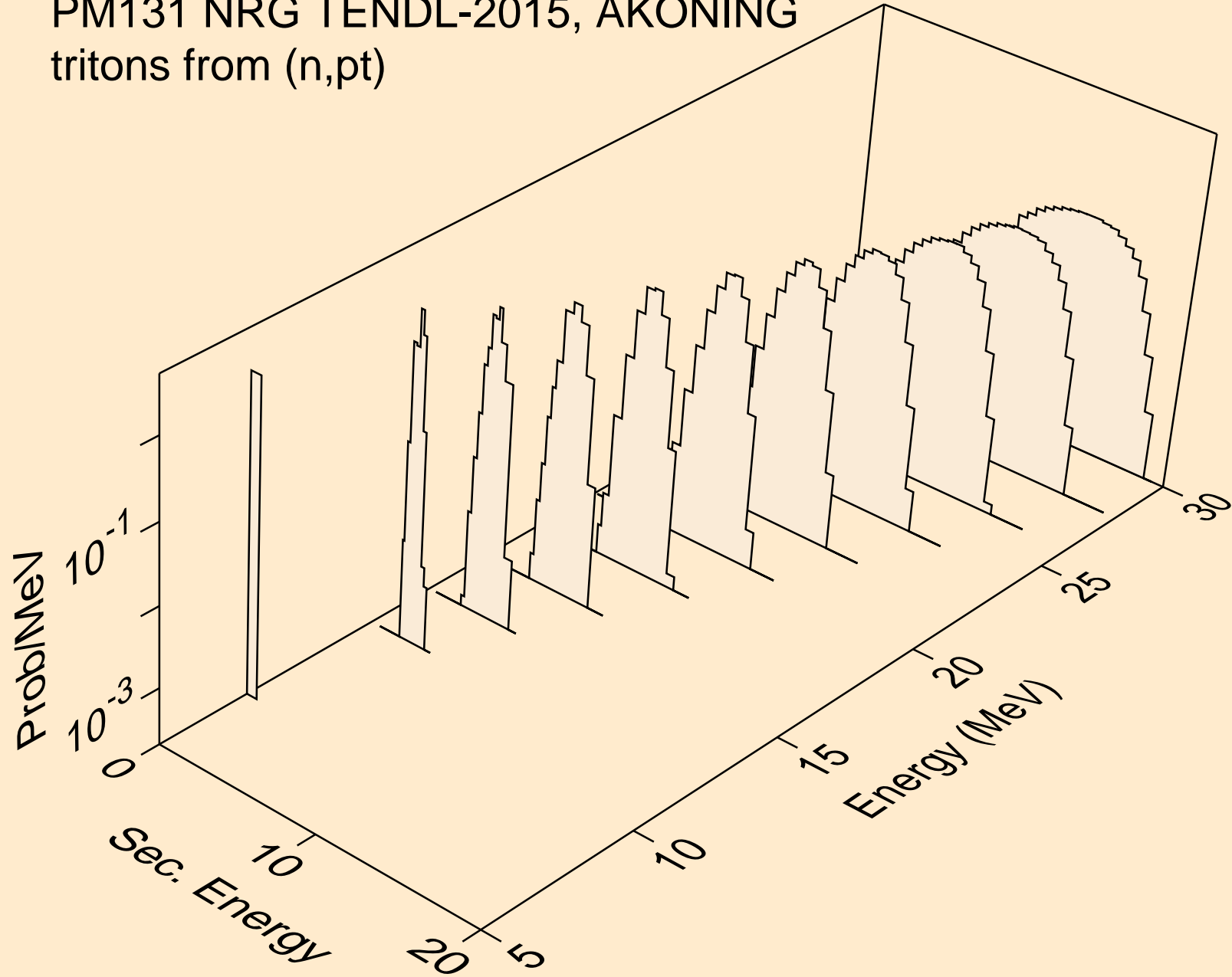




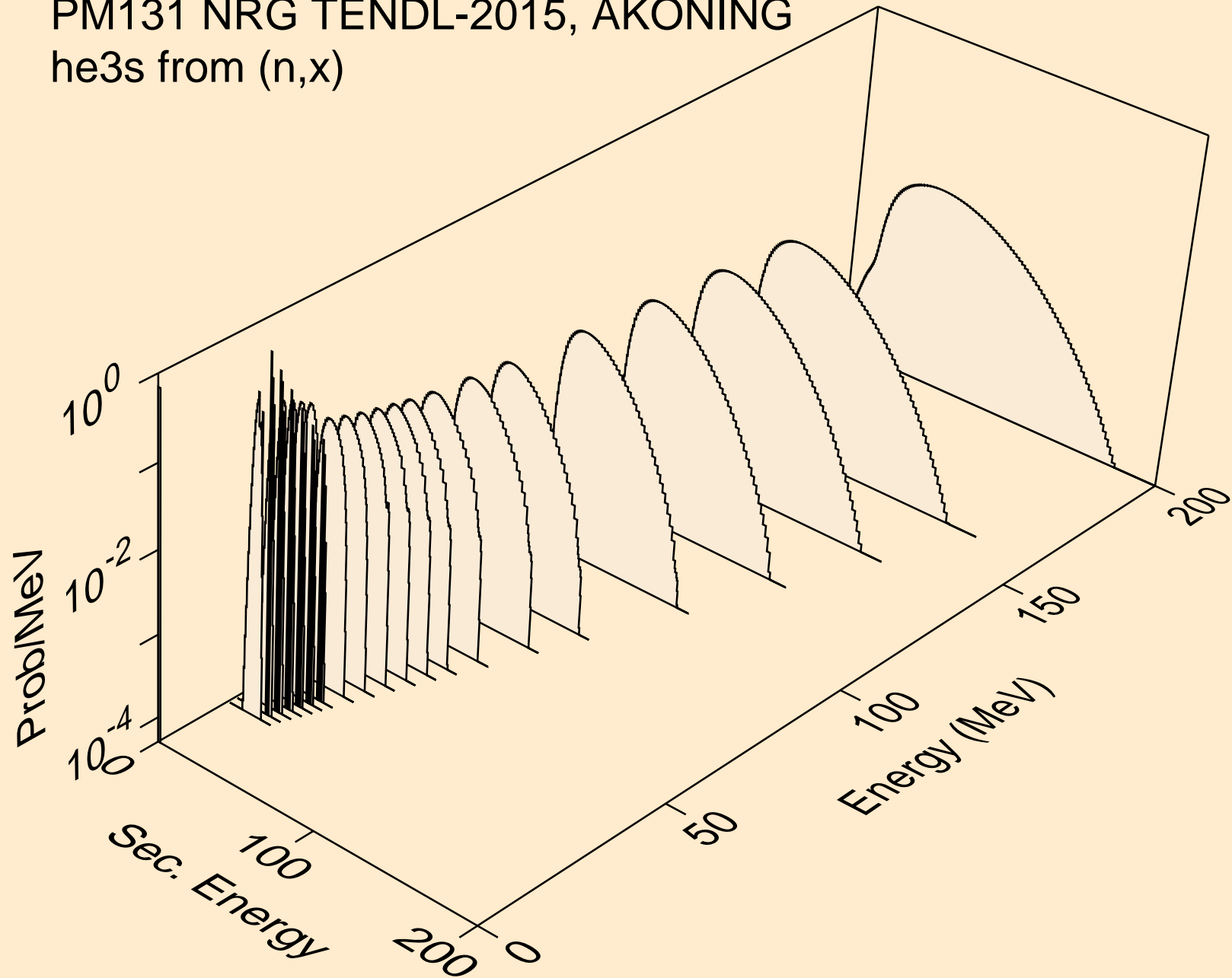
PM131 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



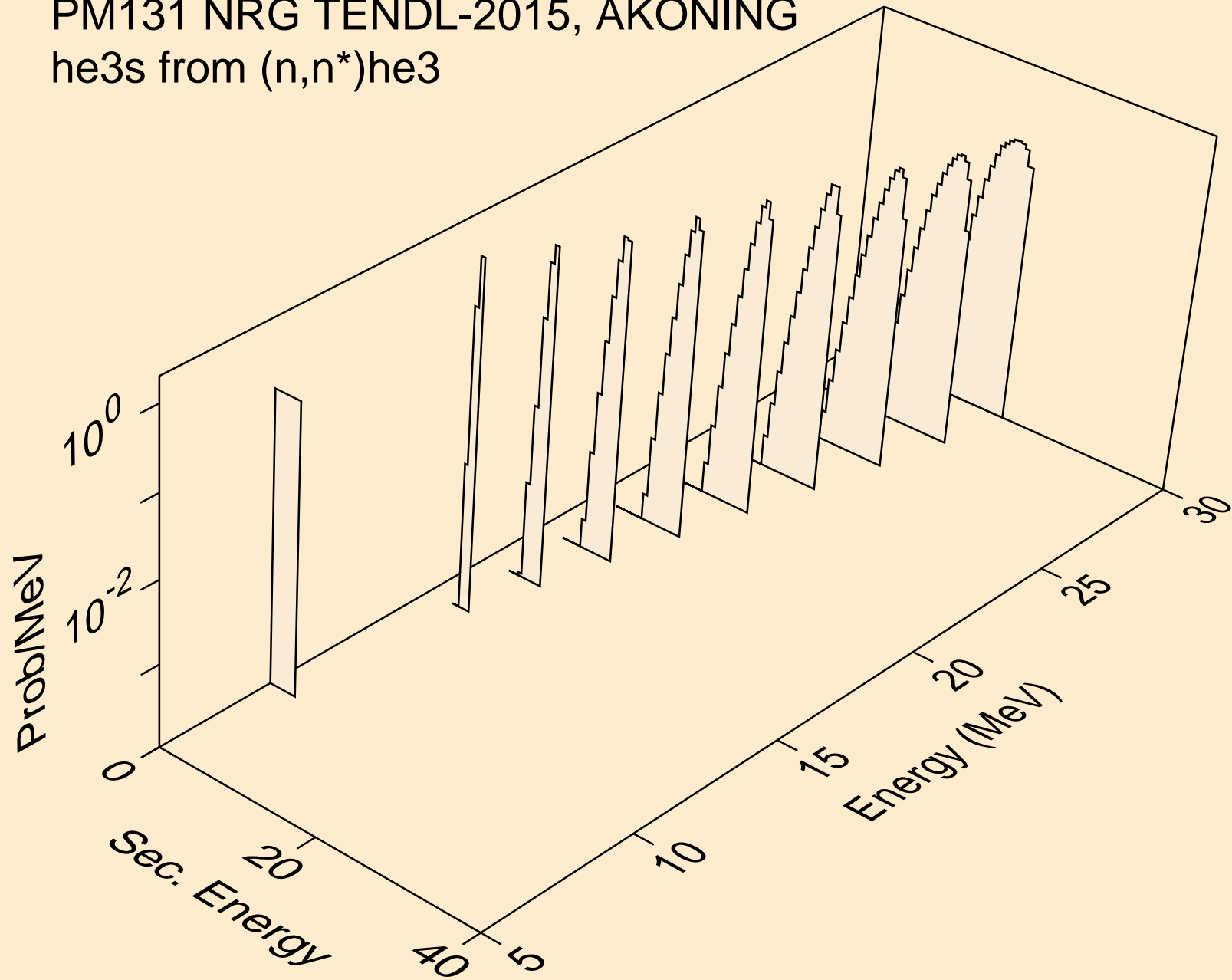
PM131 NRG TENDL-2015, AKONING  
tritons from (n,pt)



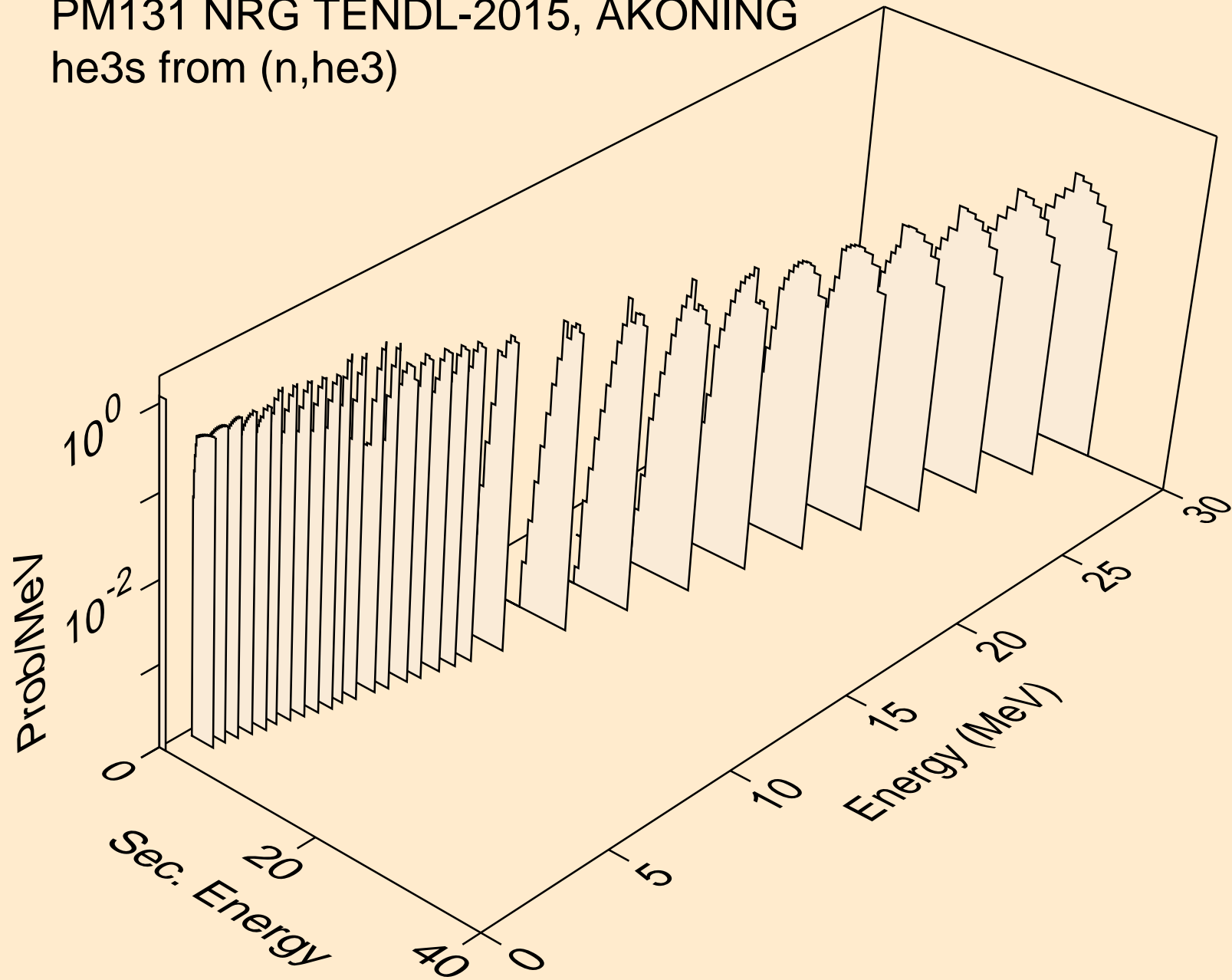
PM131 NRG TENDL-2015, AKONING  
he3s from (n,x)



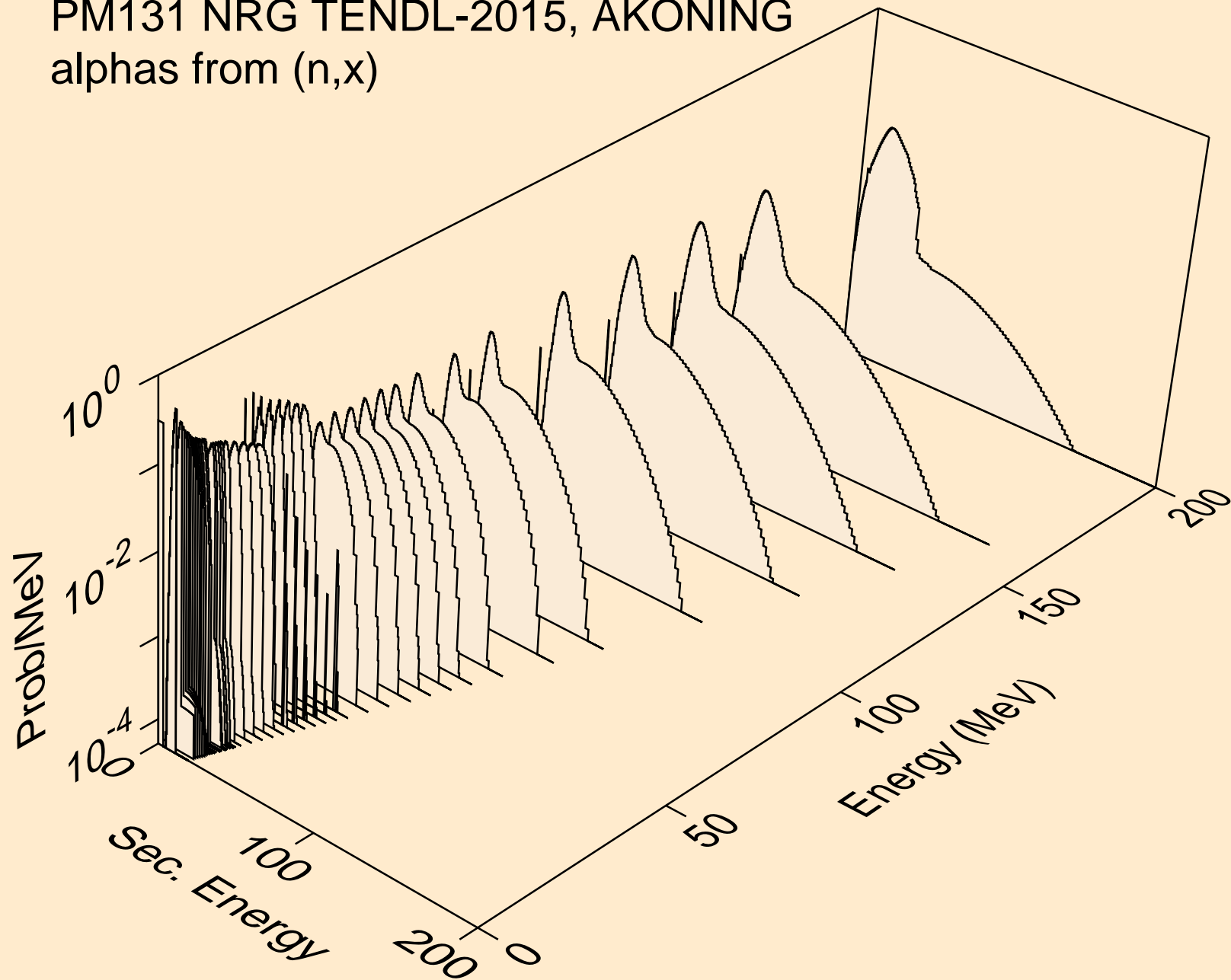
PM131 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



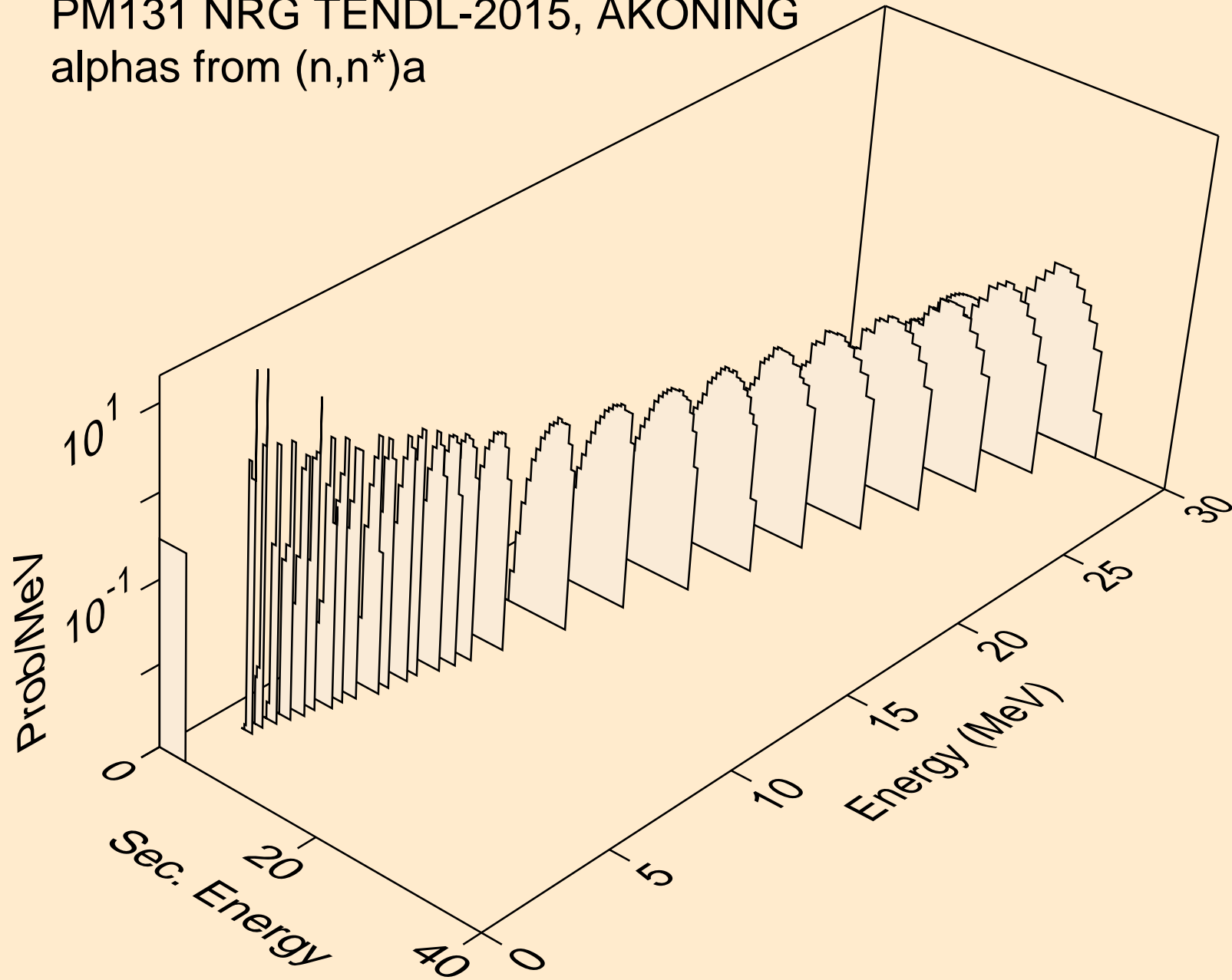
PM131 NRG TENDL-2015, AKONING  
he3s from (n,he3)



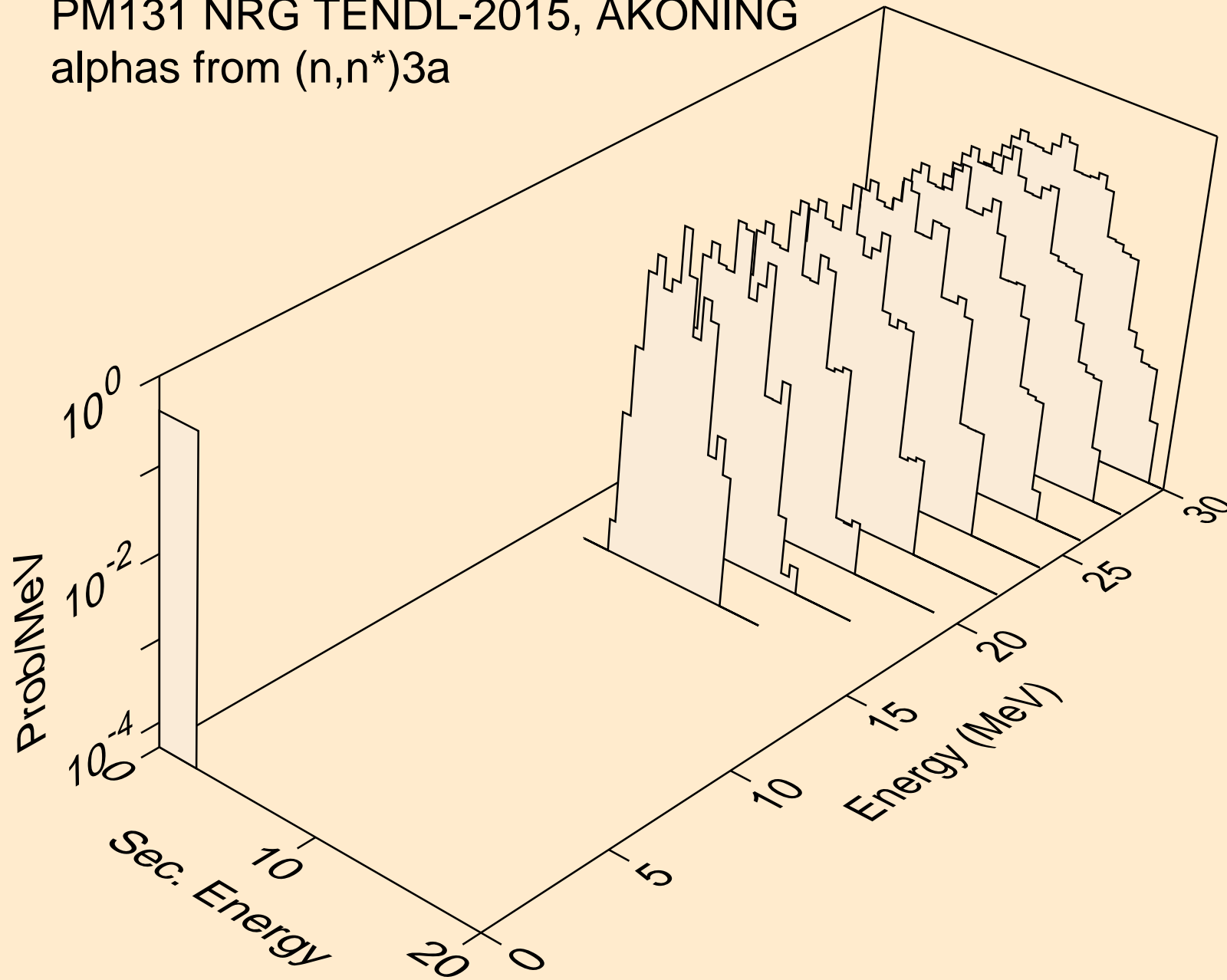
PM131 NRG TENDL-2015, AKONING  
alphas from (n,x)



PM131 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

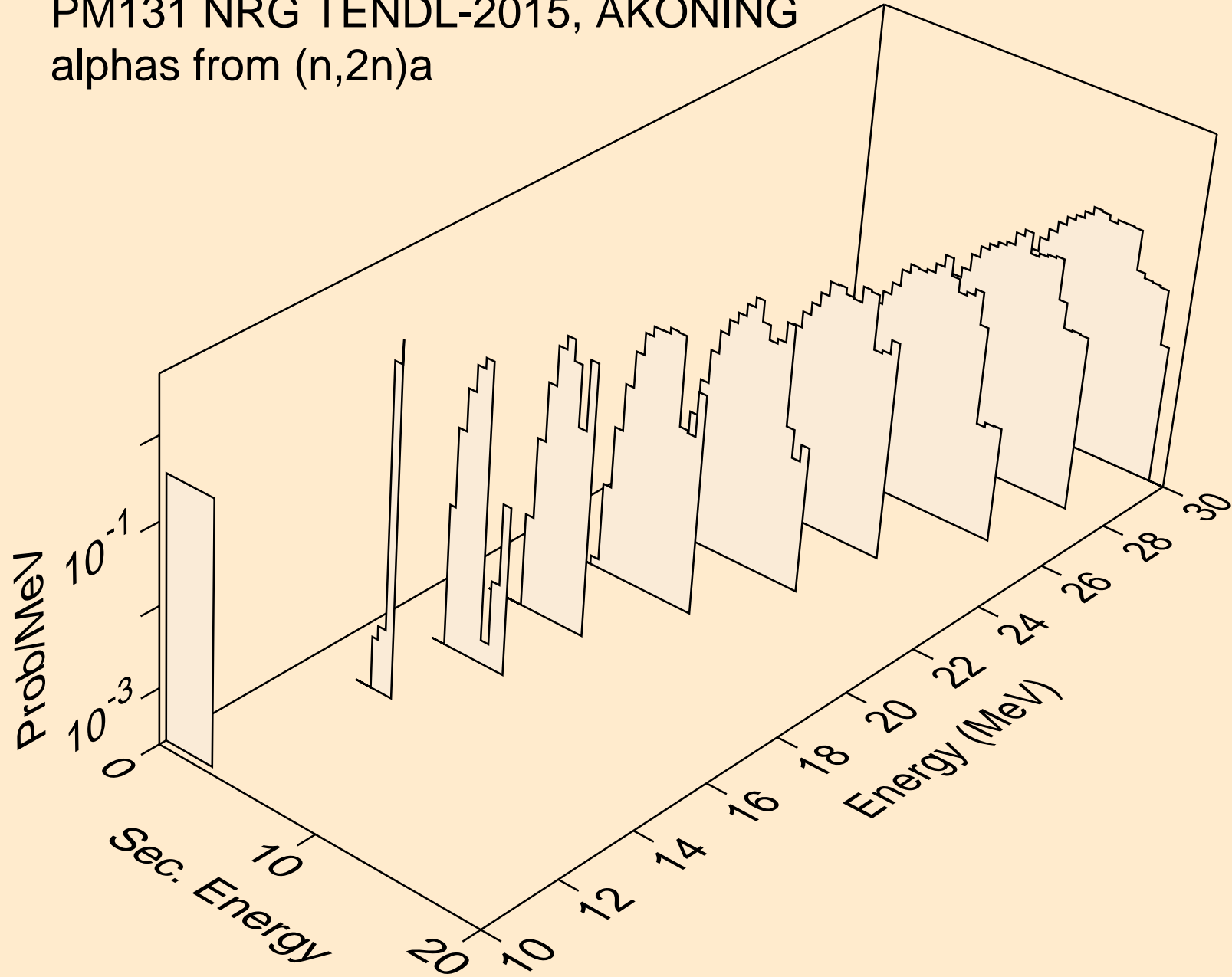


PM131 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

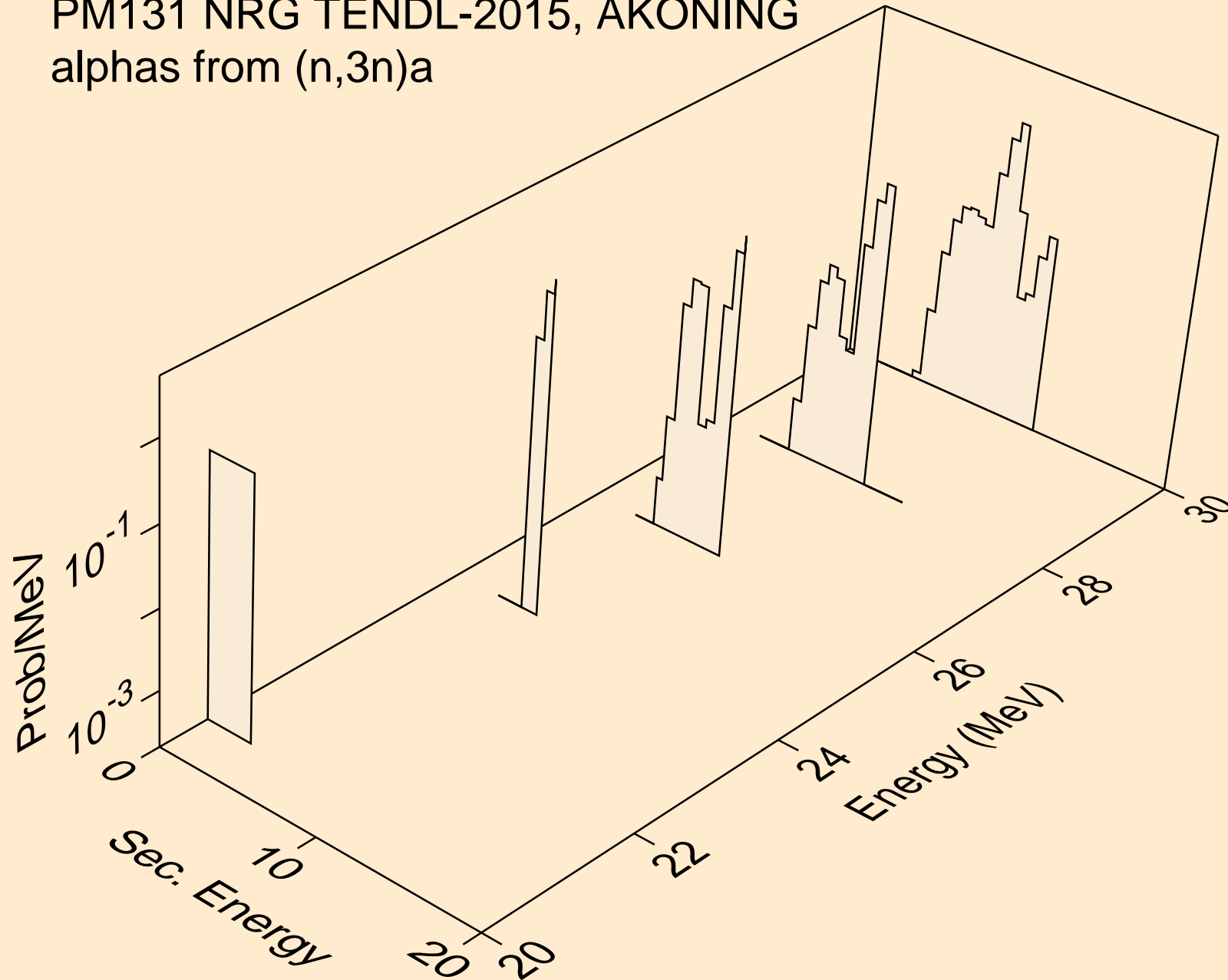




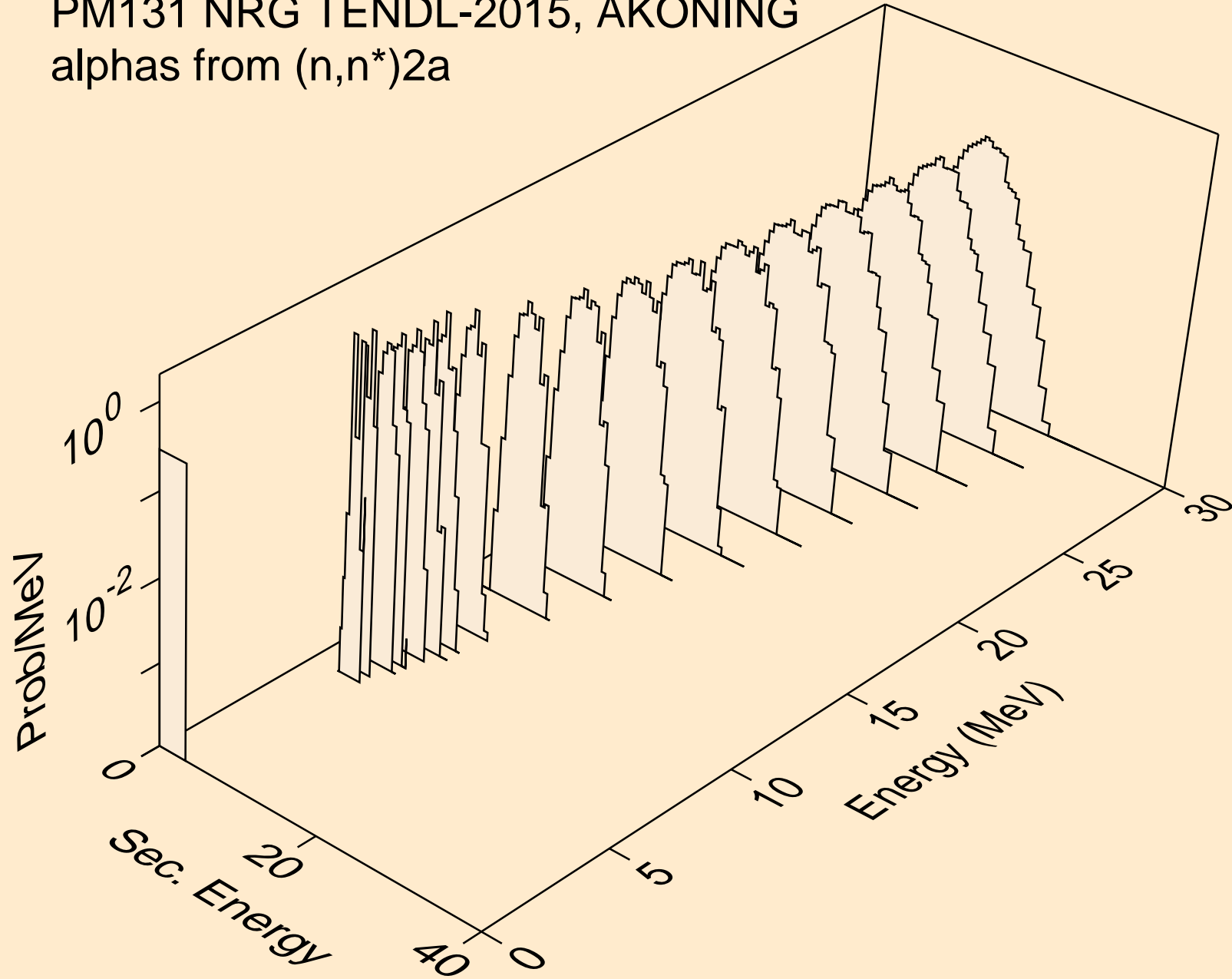
PM131 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



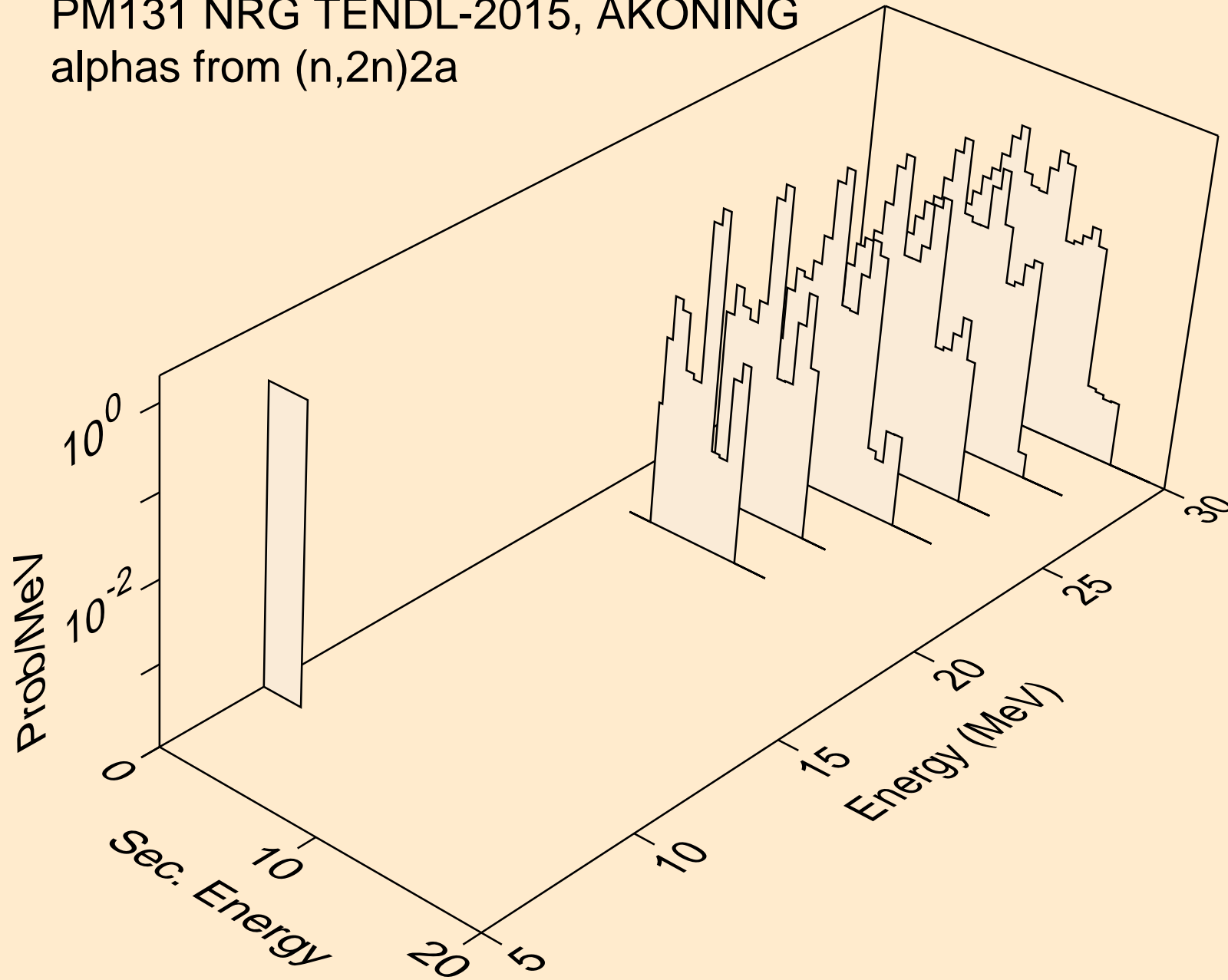
PM131 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



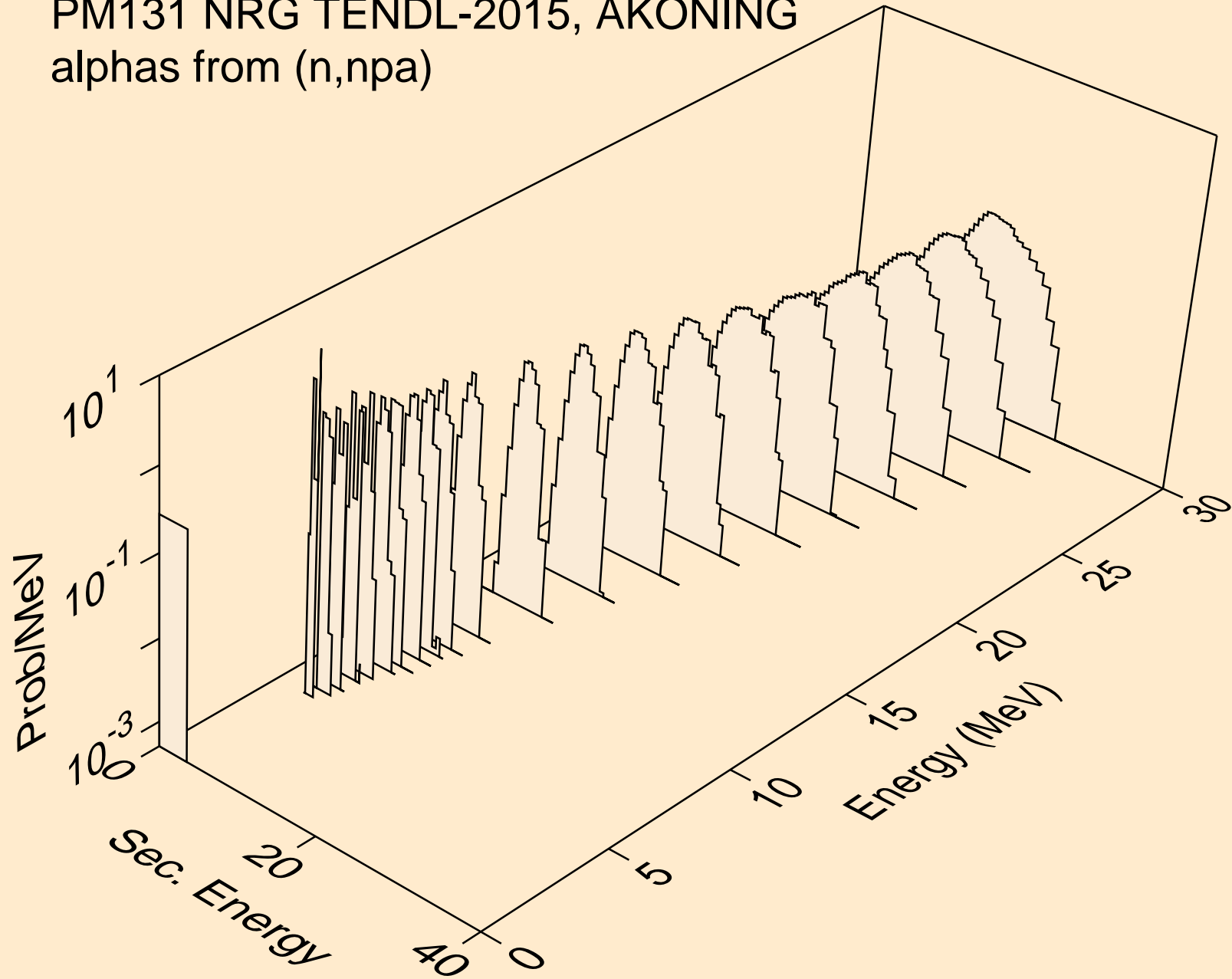
PM131 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



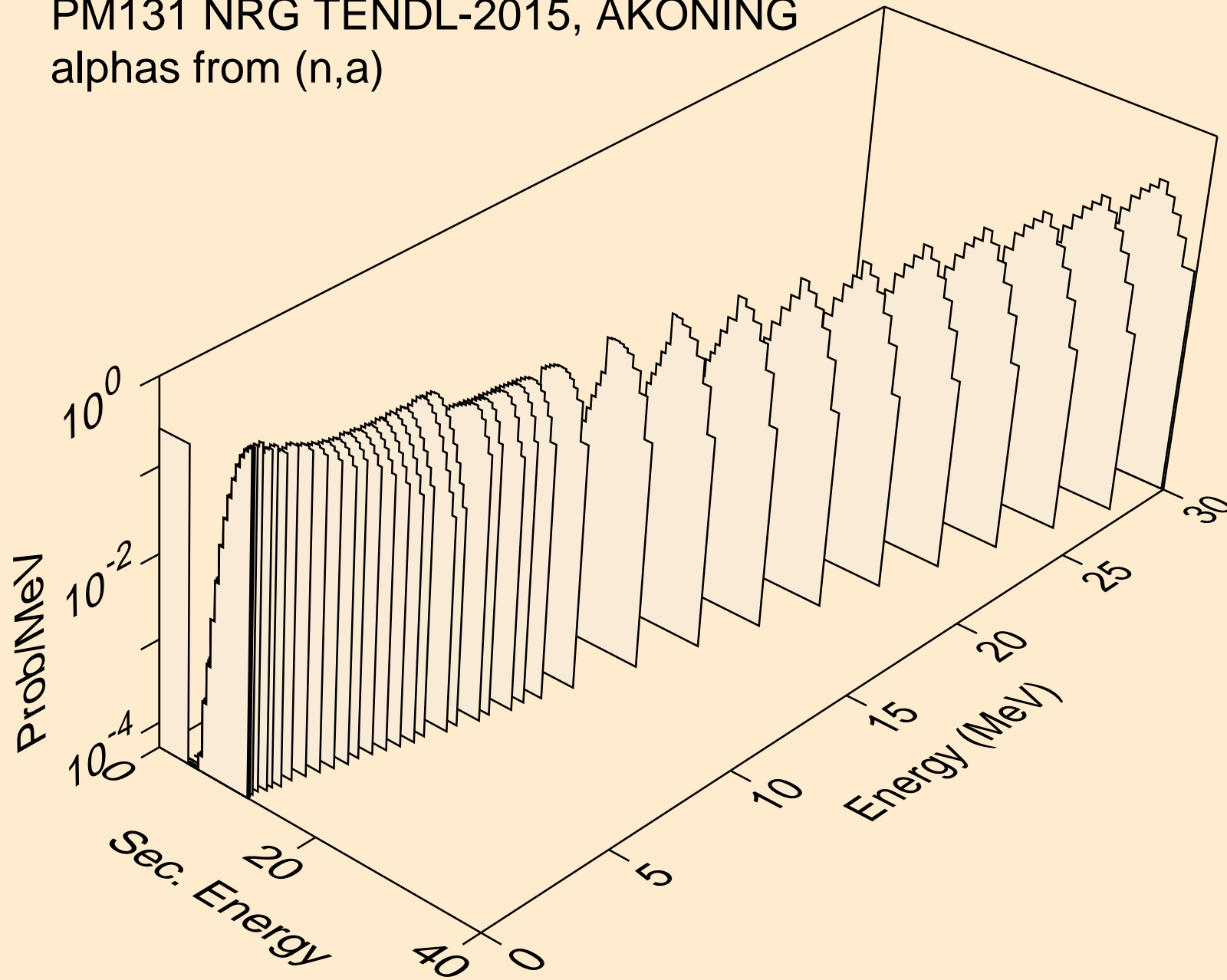
PM131 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



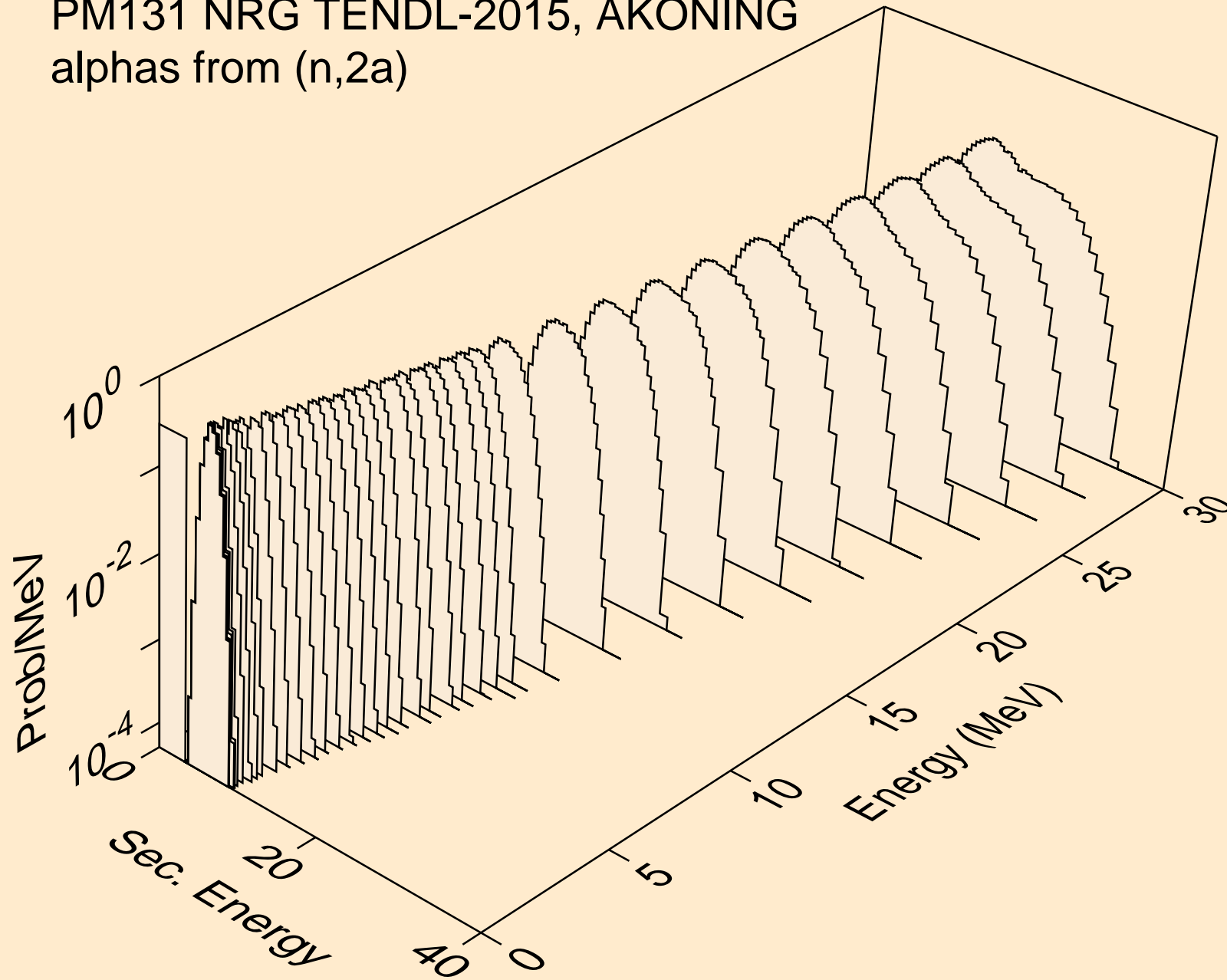
PM131 NRG TENDL-2015, AKONING  
alphas from (n,npa)



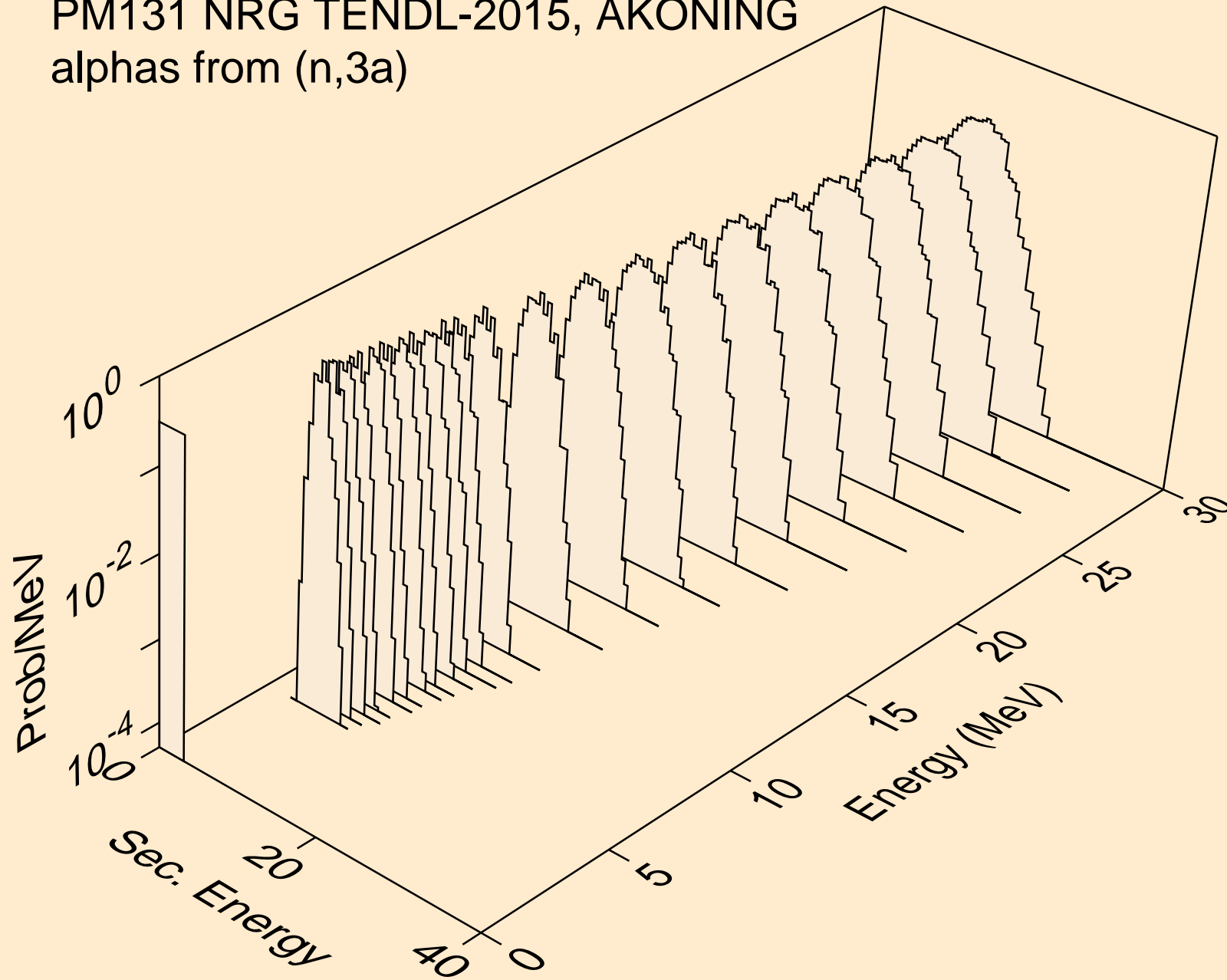
PM131 NRG TENDL-2015, AKONING  
alphas from (n,a)



PM131 NRG TENDL-2015, AKONING  
alphas from (n,2a)

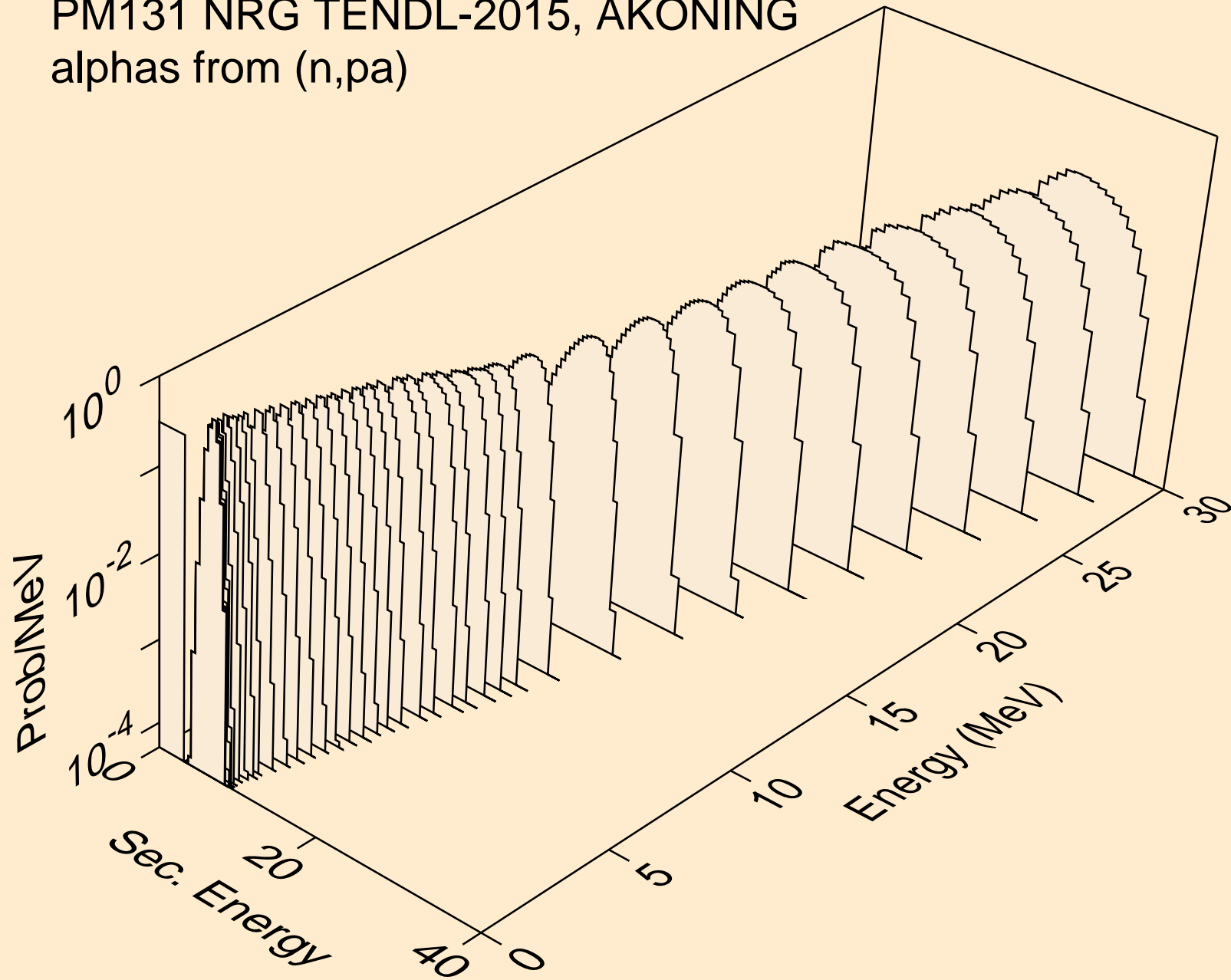


PM131 NRG TENDL-2015, AKONING  
alphas from (n,3a)

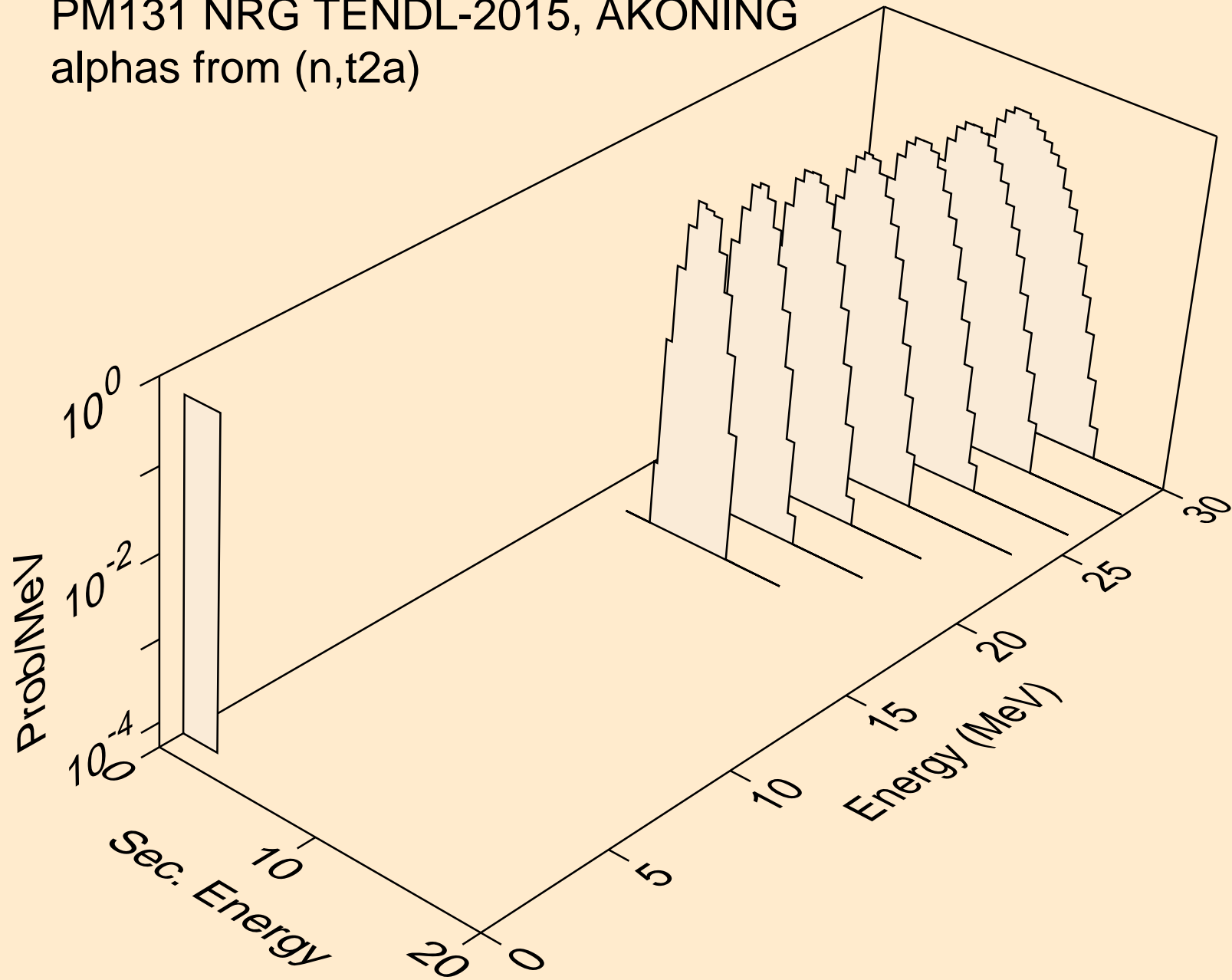




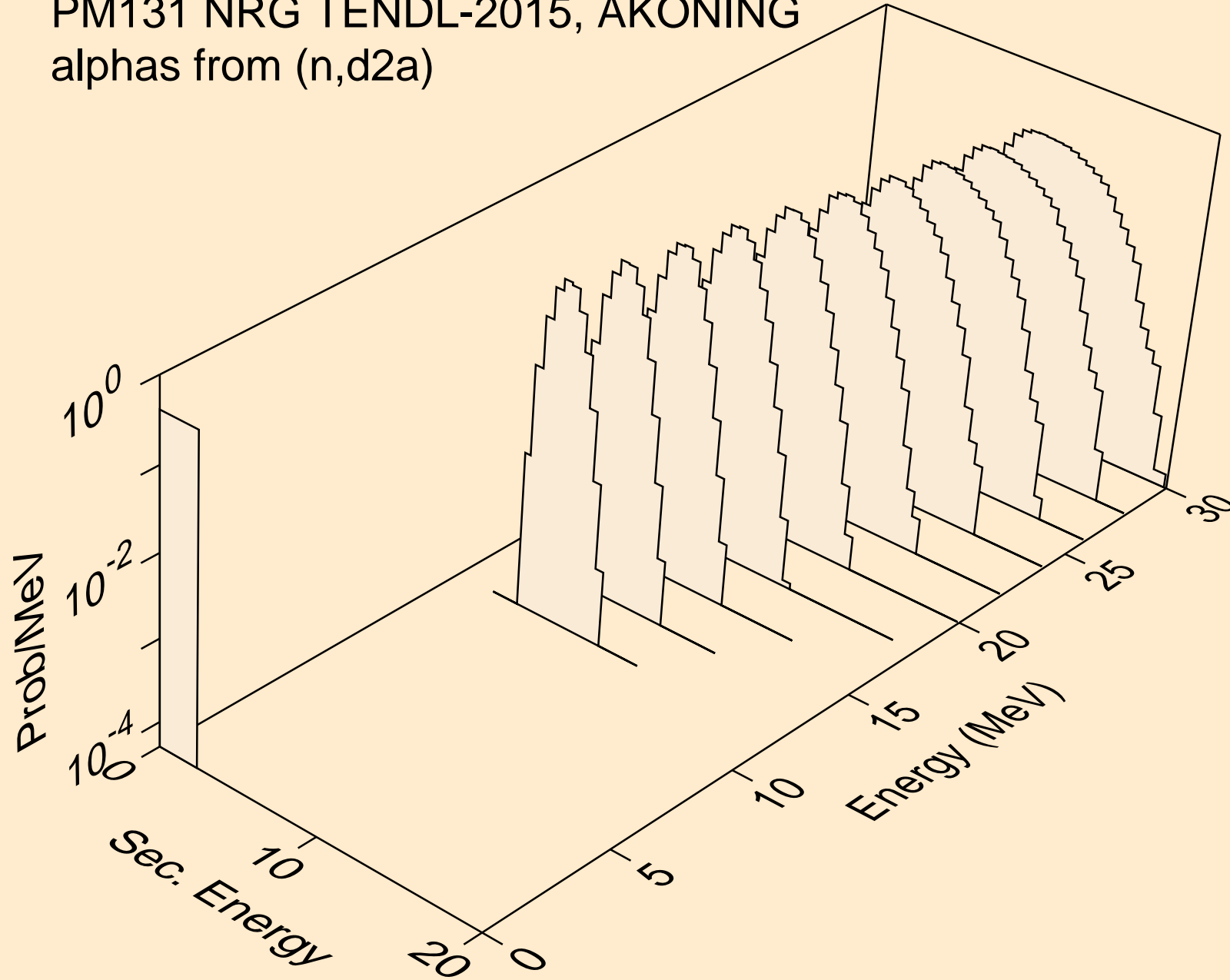
PM131 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PM131 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PM131 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



PM131 NRG TENDL-2015, AKONING  
alphas from (n,da)

