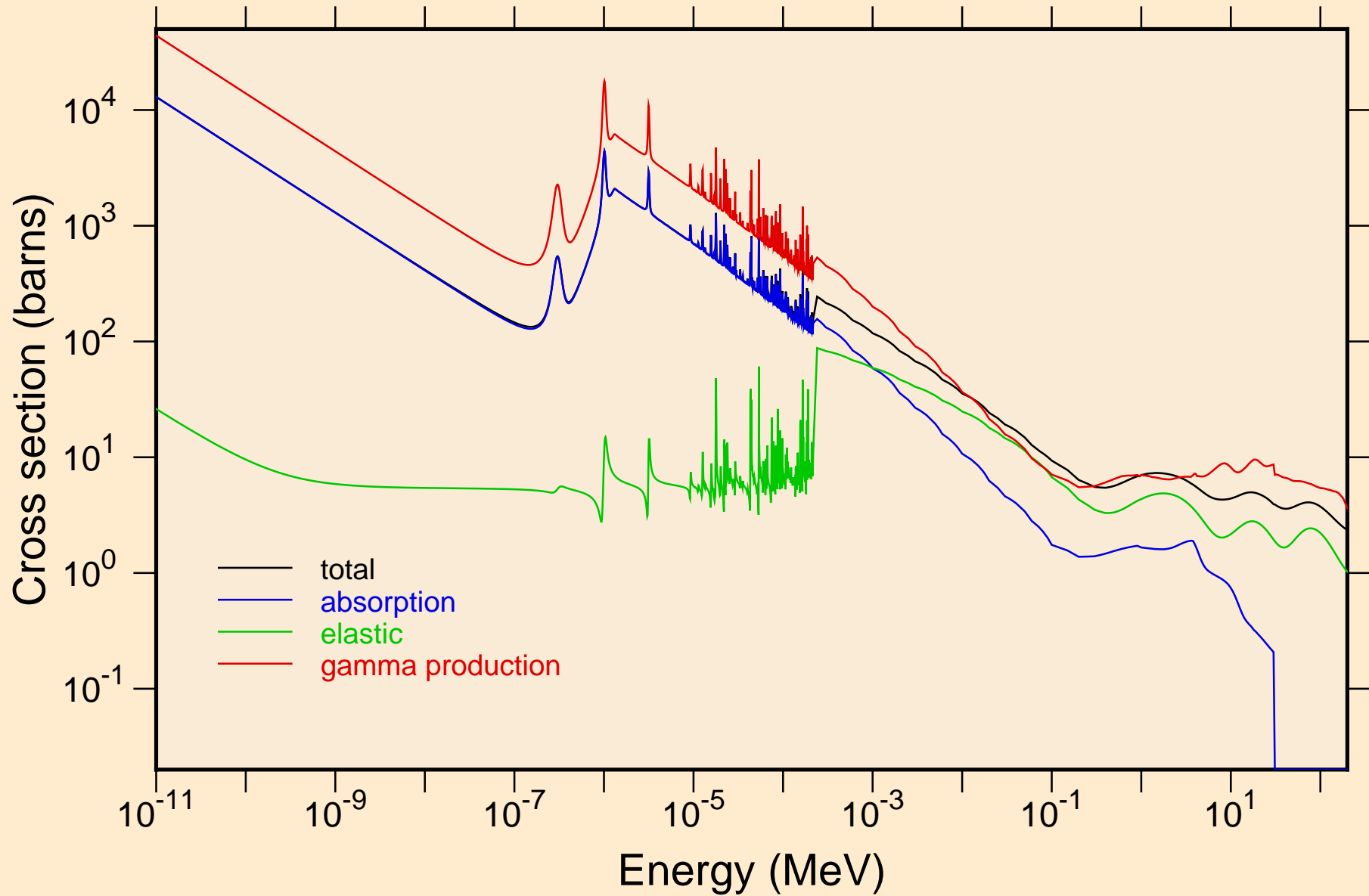
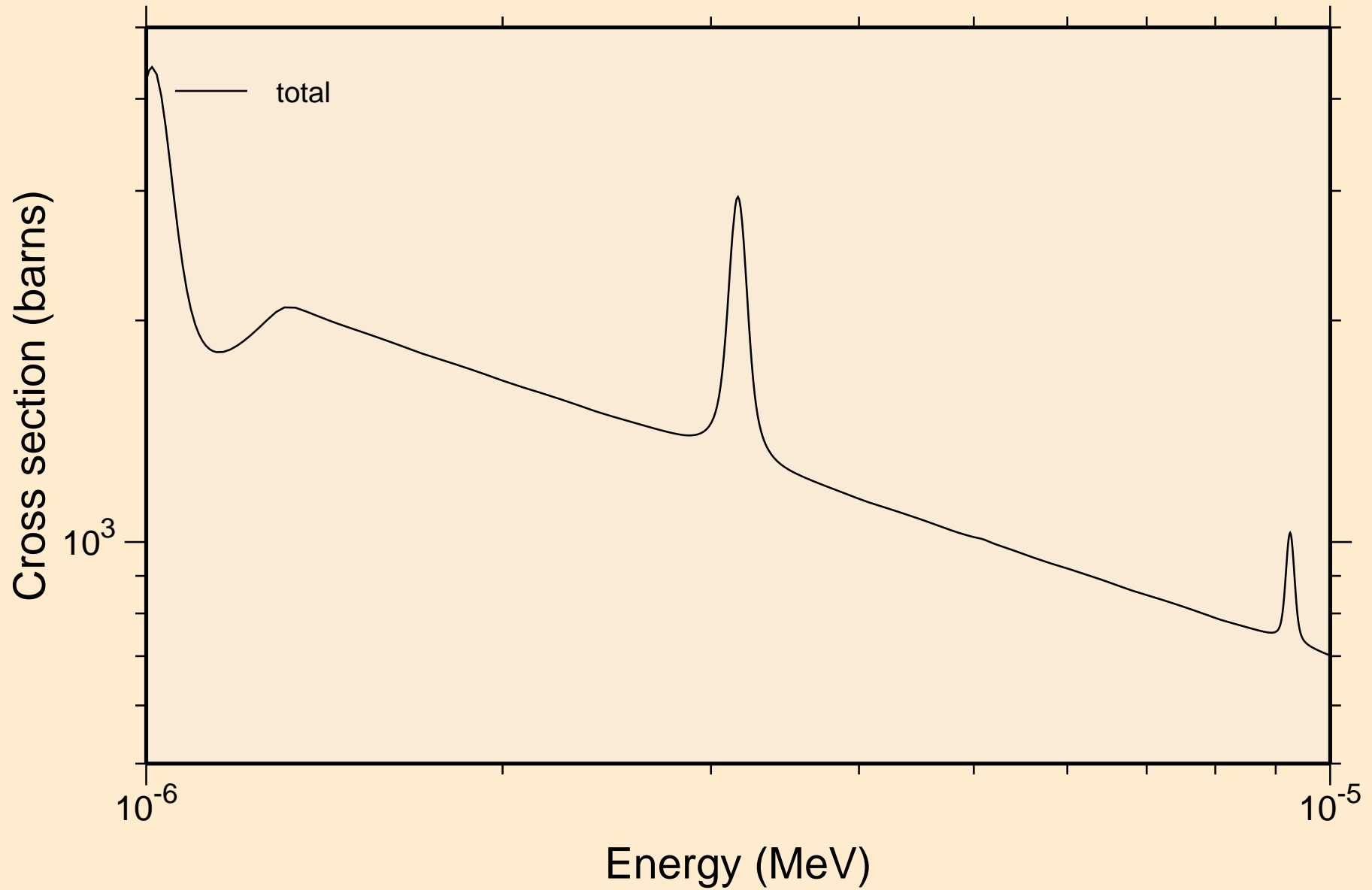


# DY147 NRG TENDL-2015, AKONING

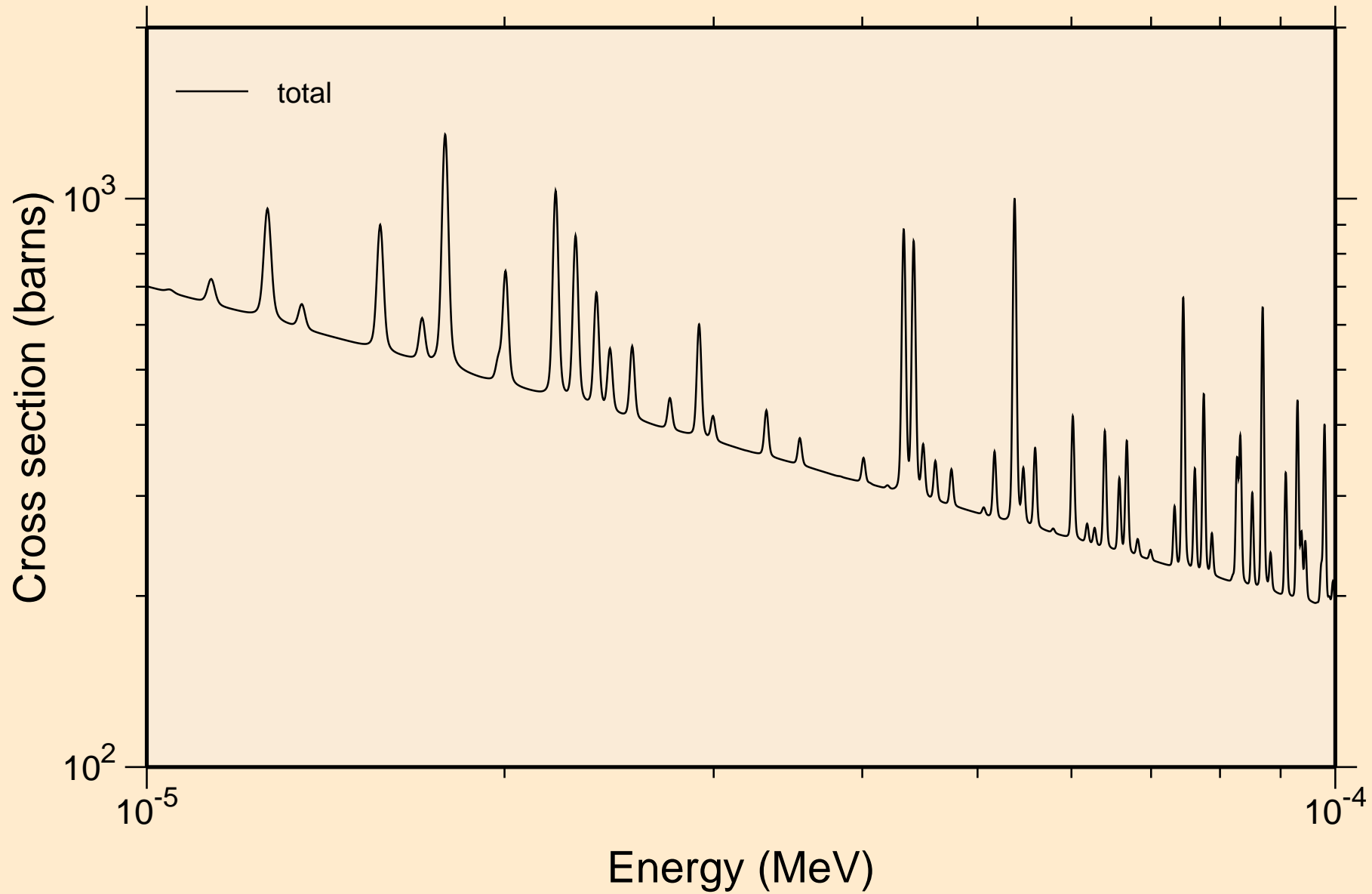
## Principal cross sections



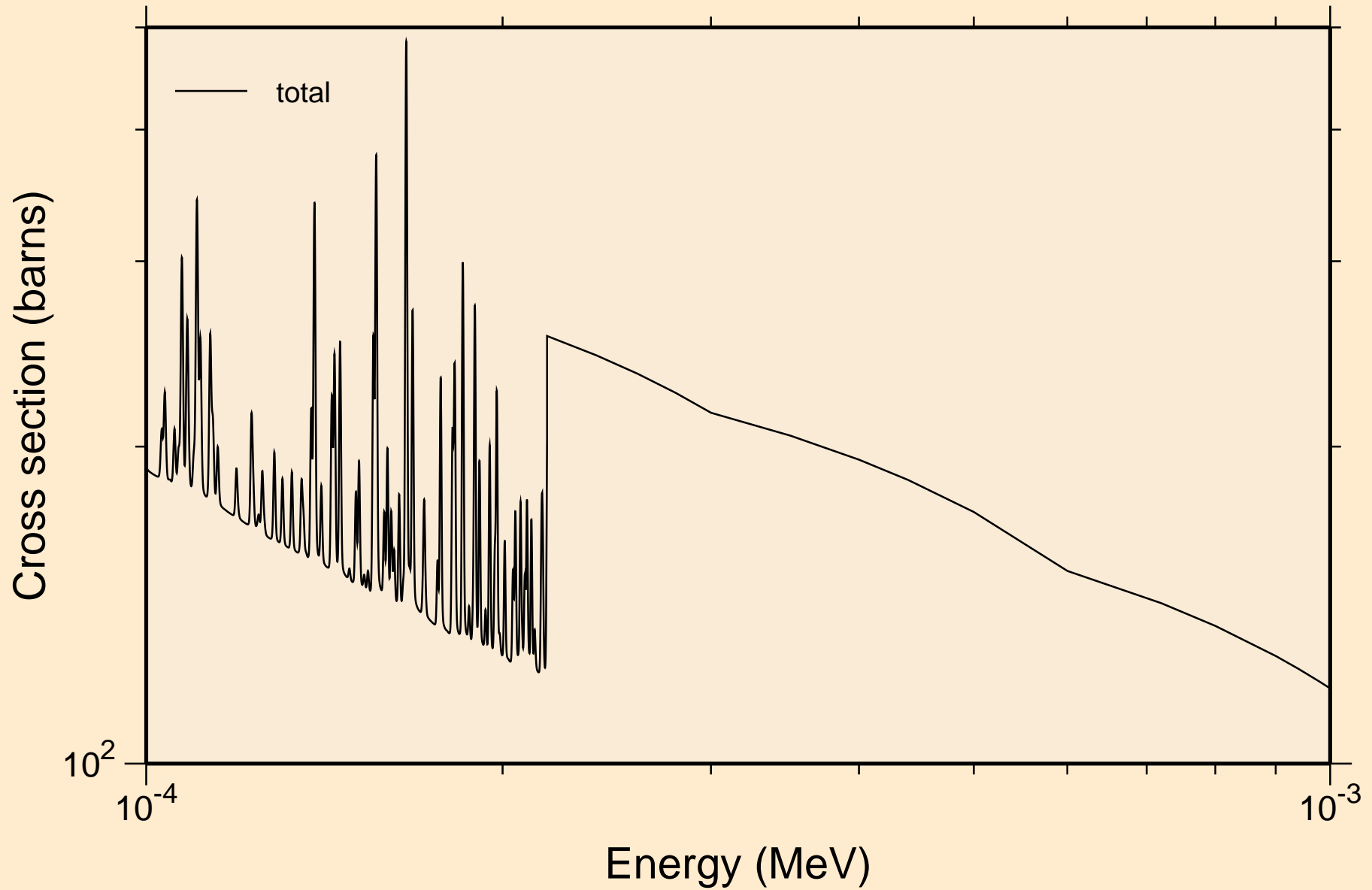
DY147 NRG TENDL-2015, AKONING  
resonance total cross section



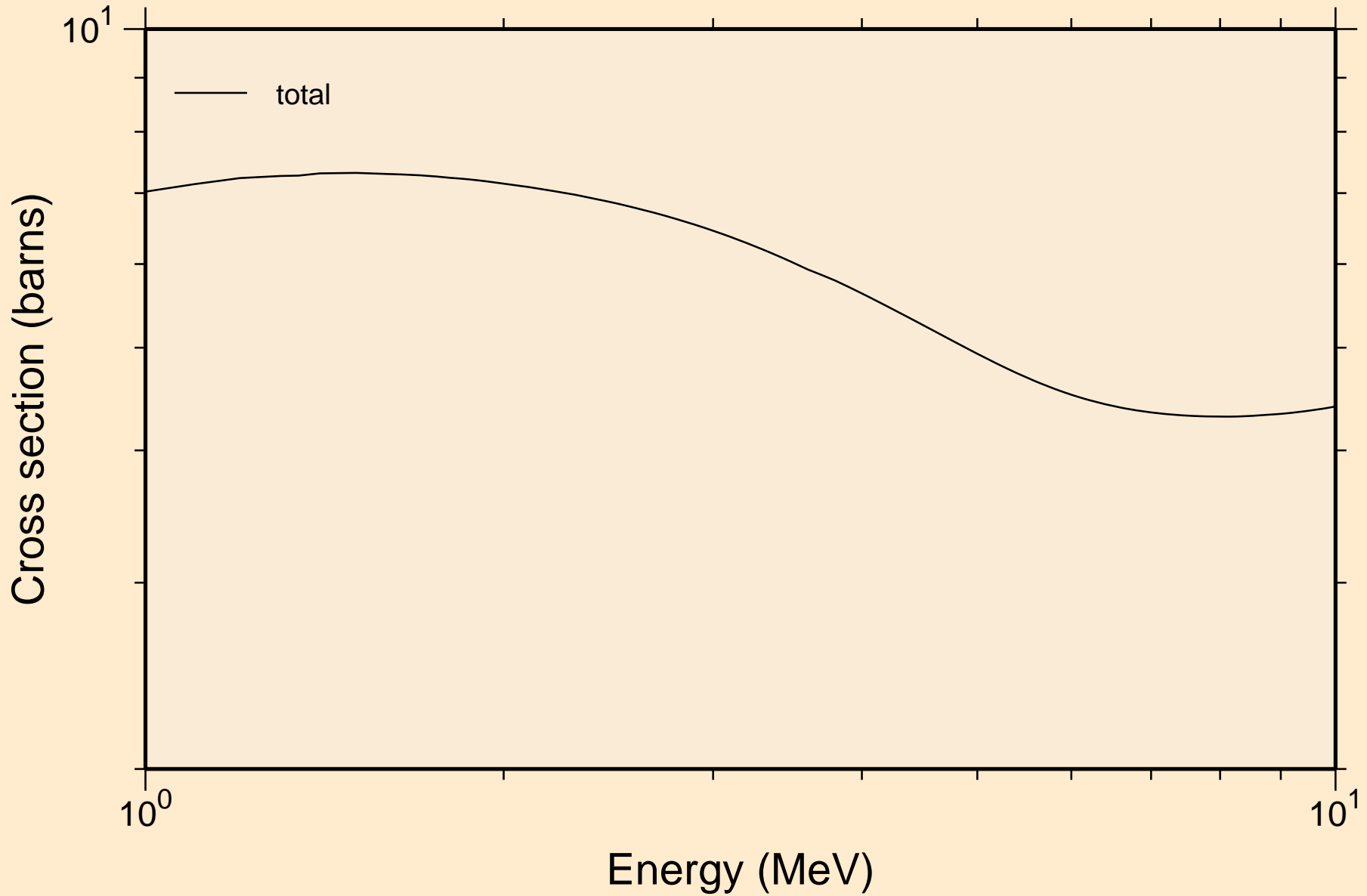
DY147 NRG TENDL-2015, AKONING  
resonance total cross section



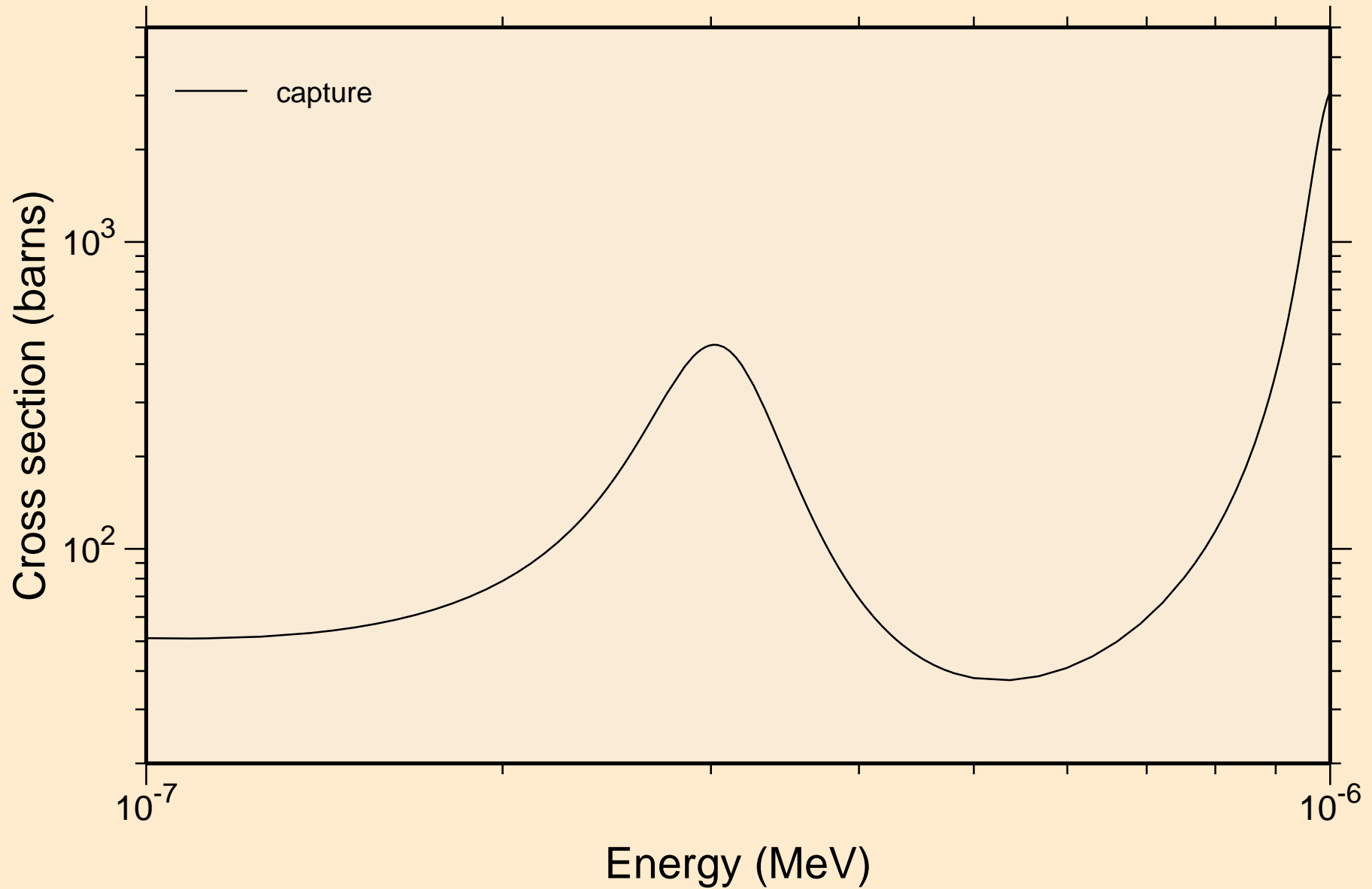
DY147 NRG TENDL-2015, AKONING  
resonance total cross section



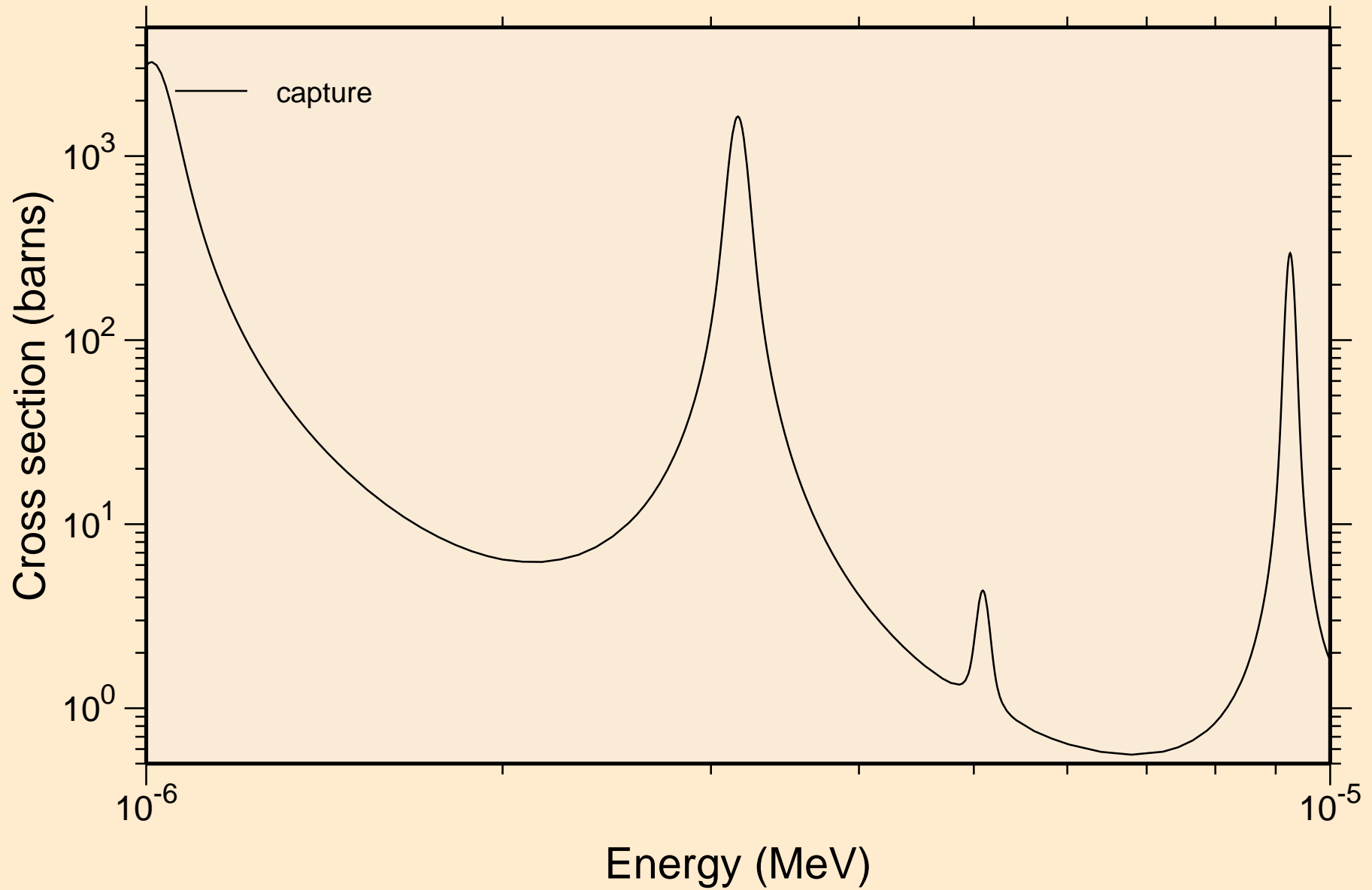
DY147 NRG TENDL-2015, AKONING  
resonance total cross section



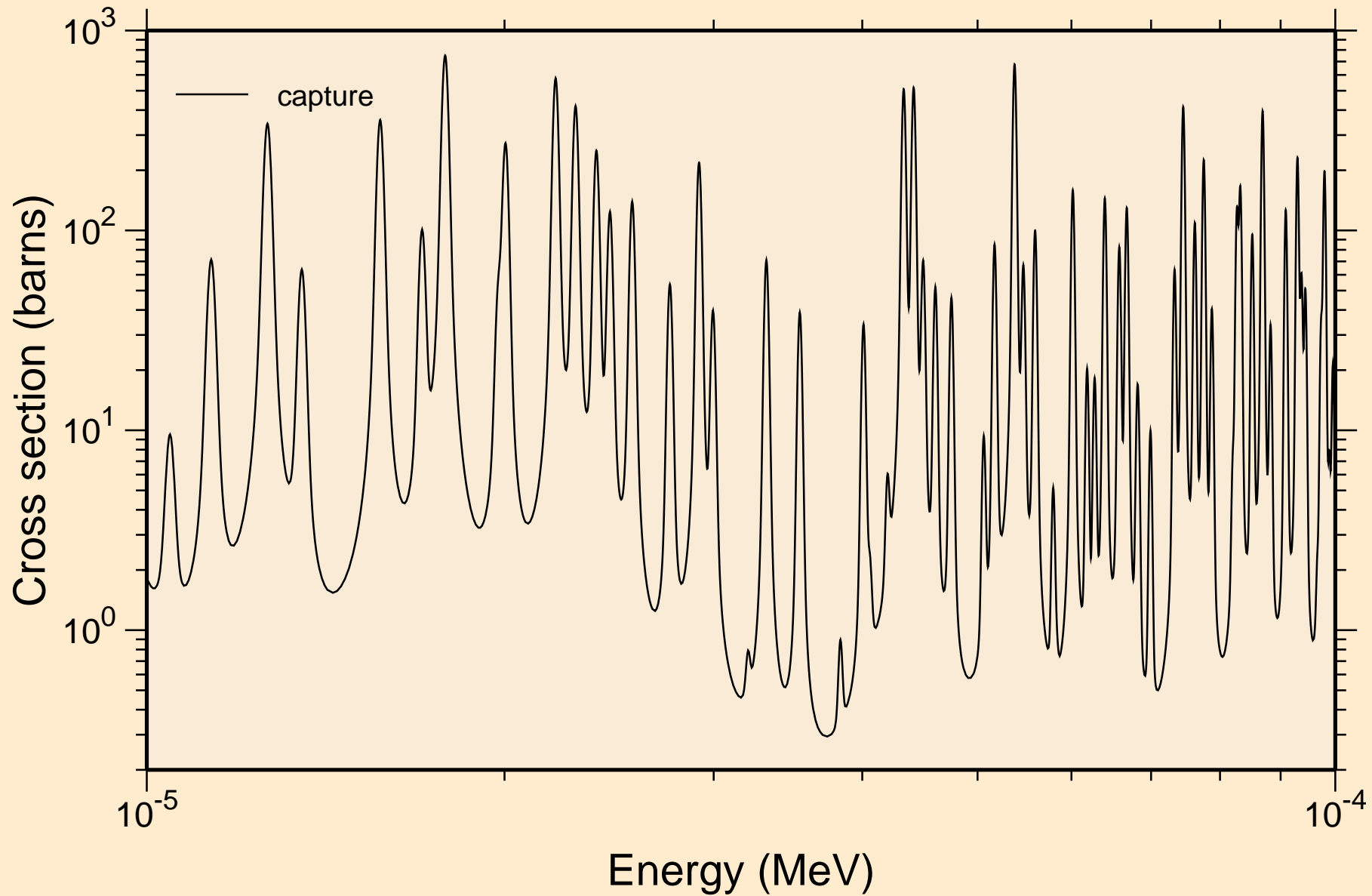
DY147 NRG TENDL-2015, AKONING  
resonance absorption cross sections



DY147 NRG TENDL-2015, AKONING  
resonance absorption cross sections

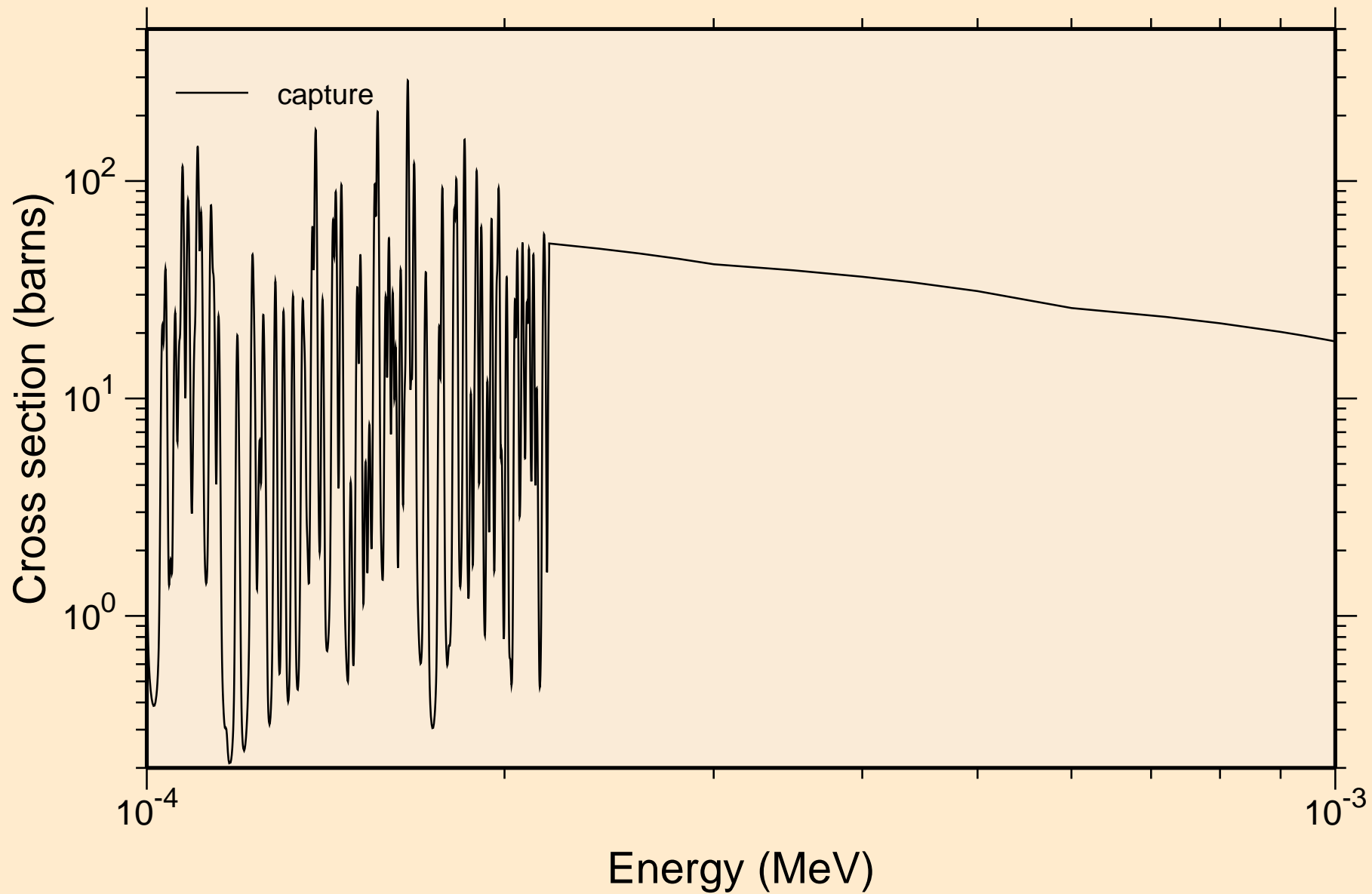


DY147 NRG TENDL-2015, AKONING  
resonance absorption cross sections

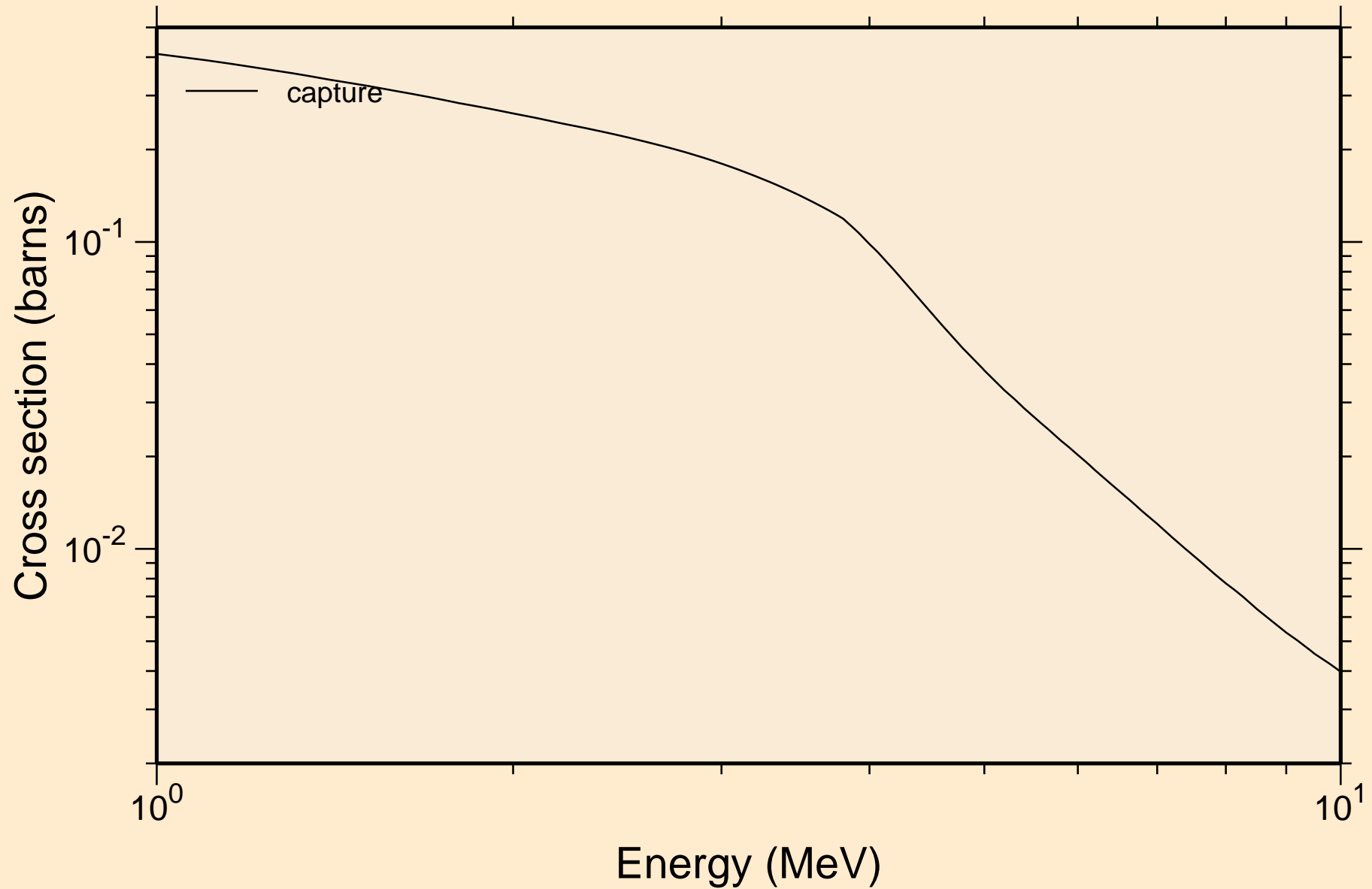




DY147 NRG TENDL-2015, AKONING  
resonance absorption cross sections

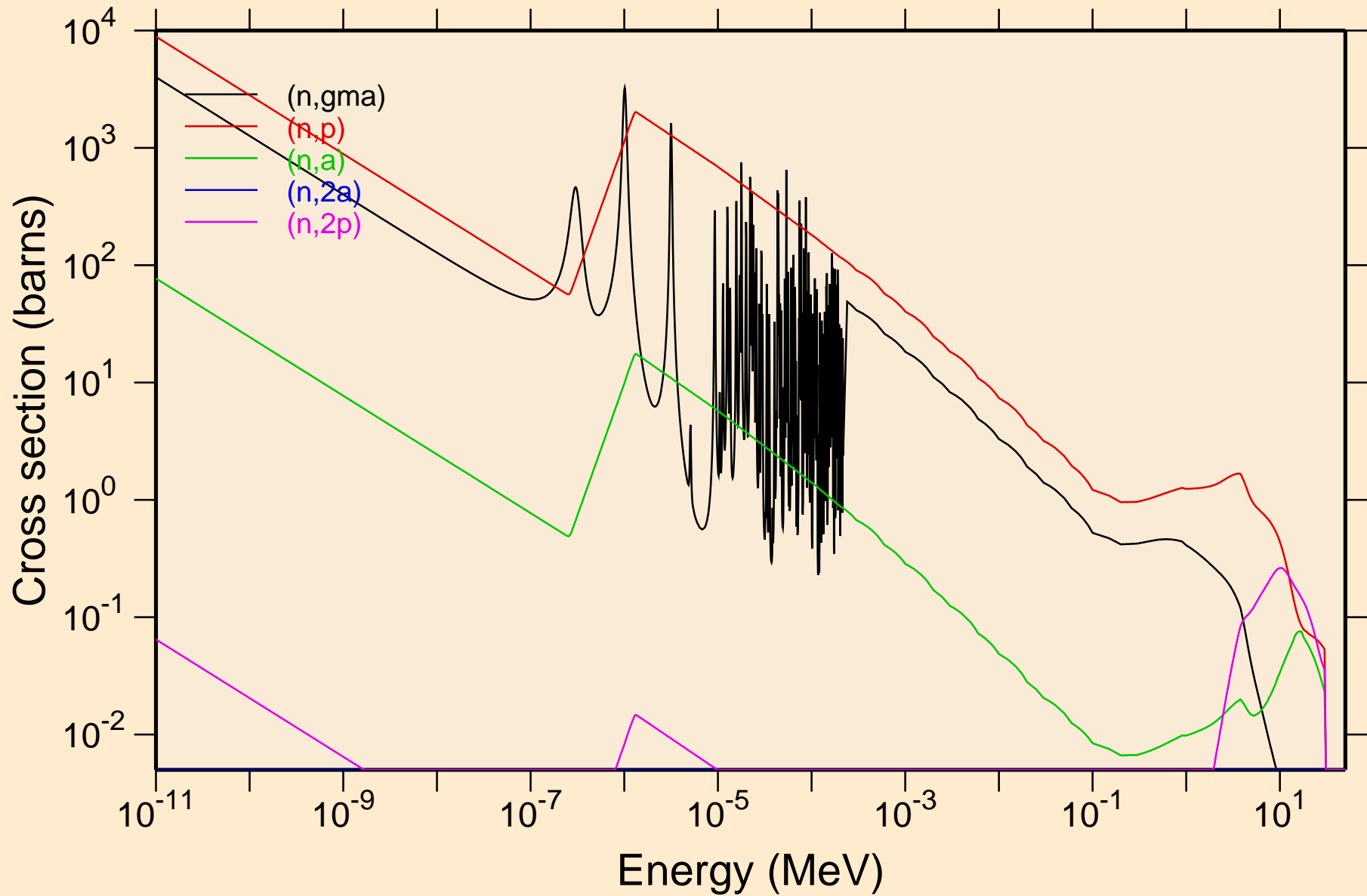


DY147 NRG TENDL-2015, AKONING  
resonance absorption cross sections

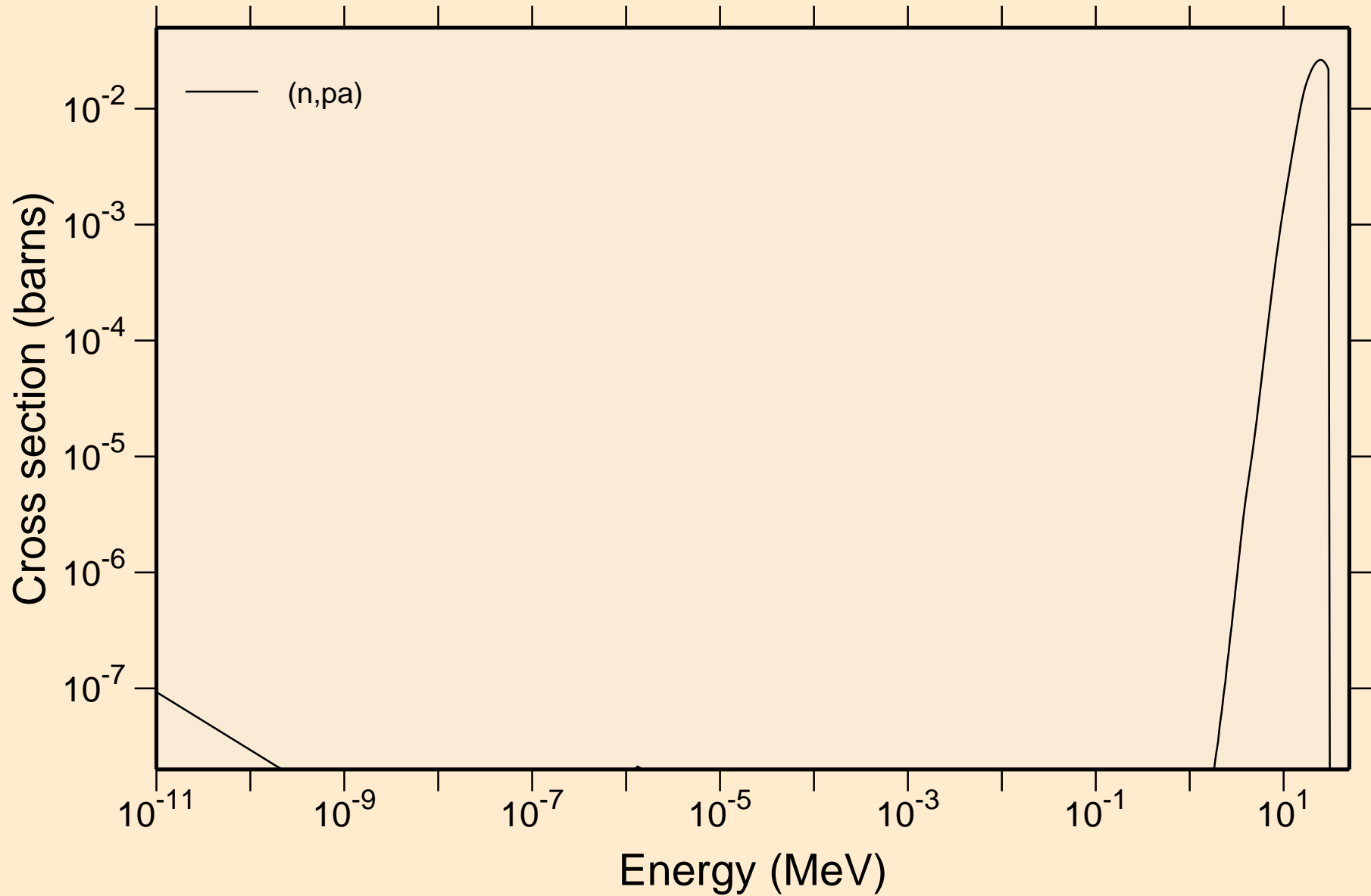


# DY147 NRG TENDL-2015, AKONING

## Non-threshold reactions

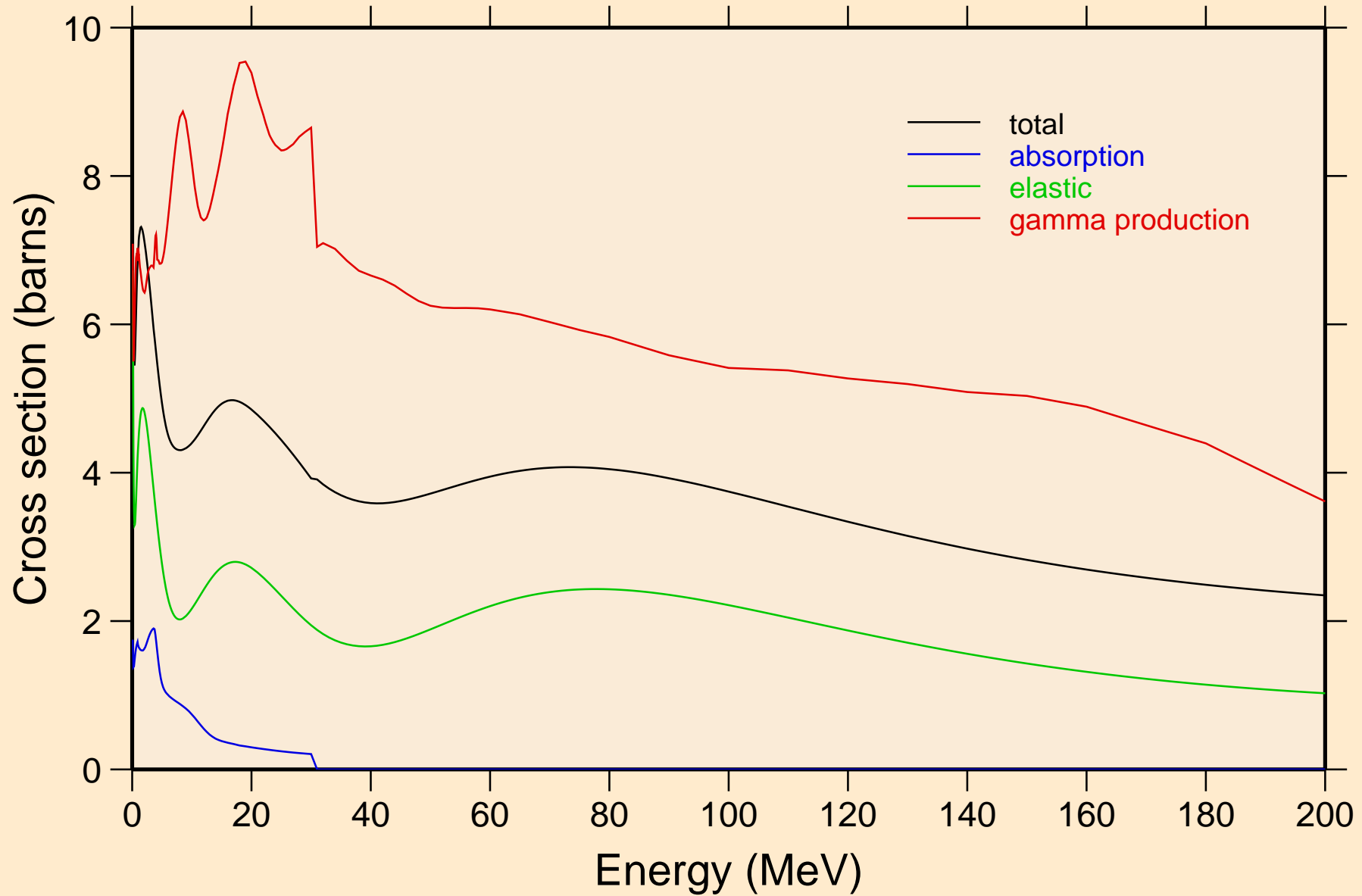


DY147 NRG TENDL-2015, AKONING  
Non-threshold reactions



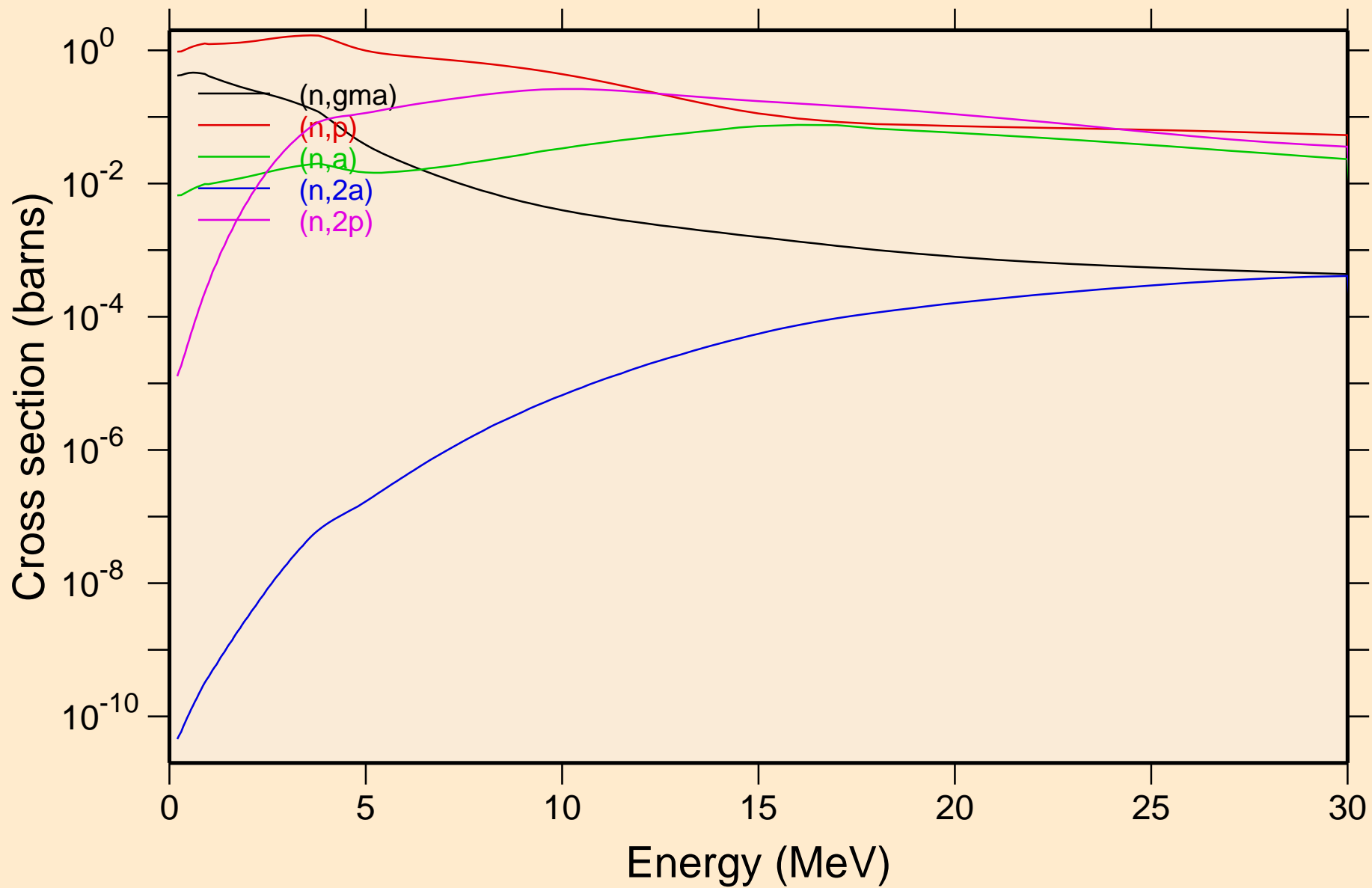
# DY147 NRG TENDL-2015, AKONING

## Principal cross sections

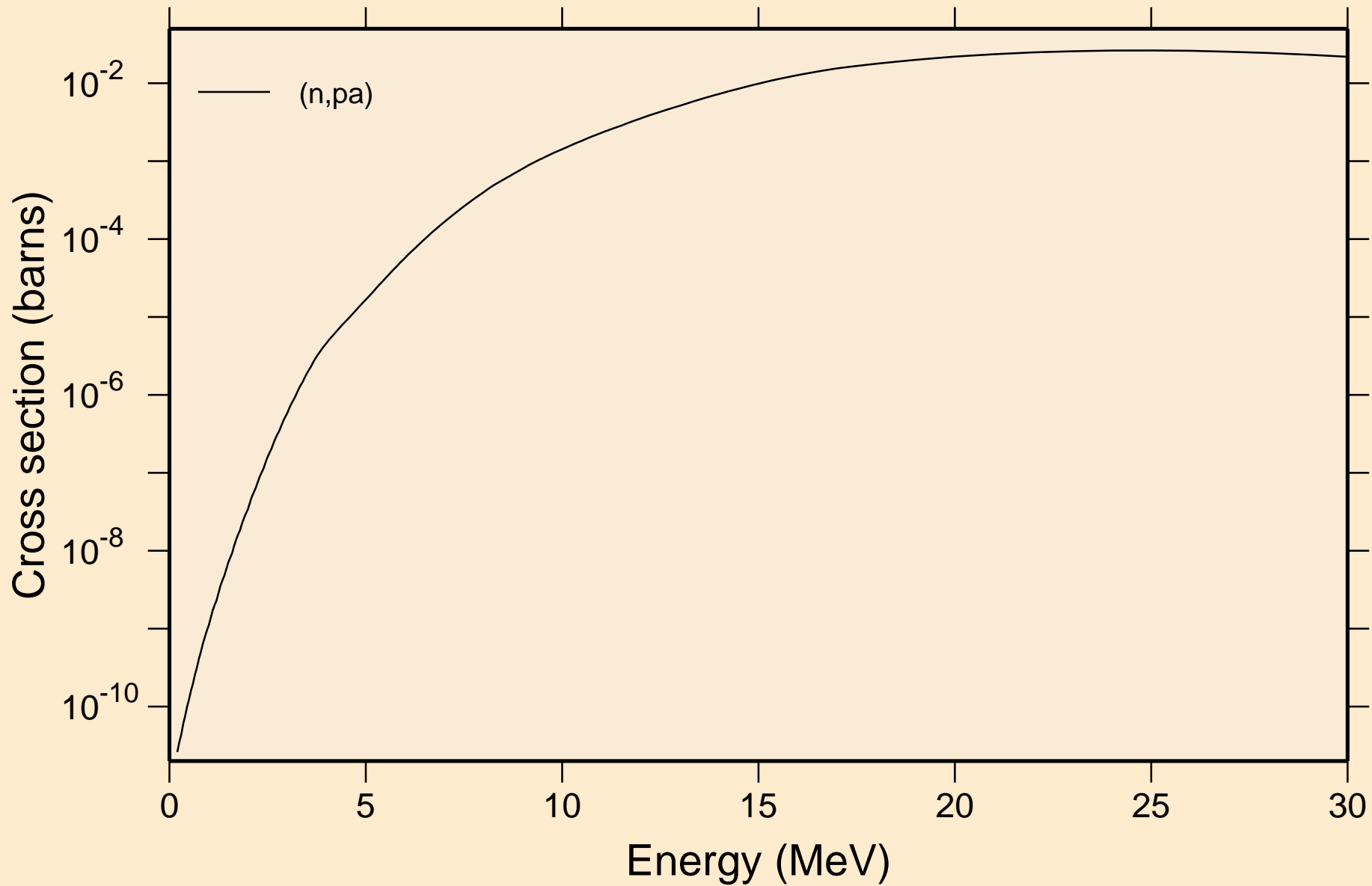


# DY147 NRG TENDL-2015, AKONING

## Non-threshold reactions

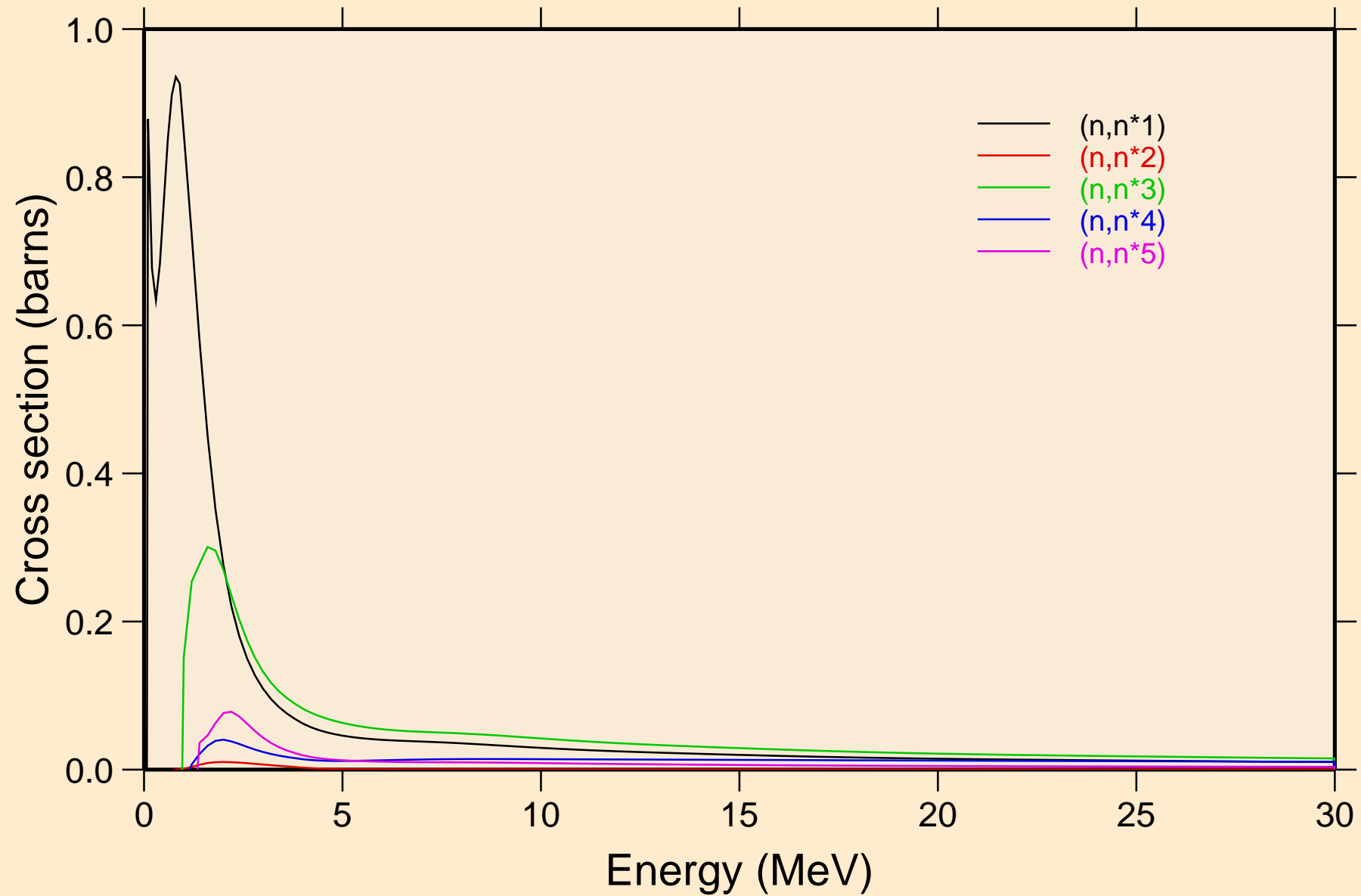


DY147 NRG TENDL-2015, AKONING  
Non-threshold reactions



# DY147 NRG TENDL-2015, AKONING

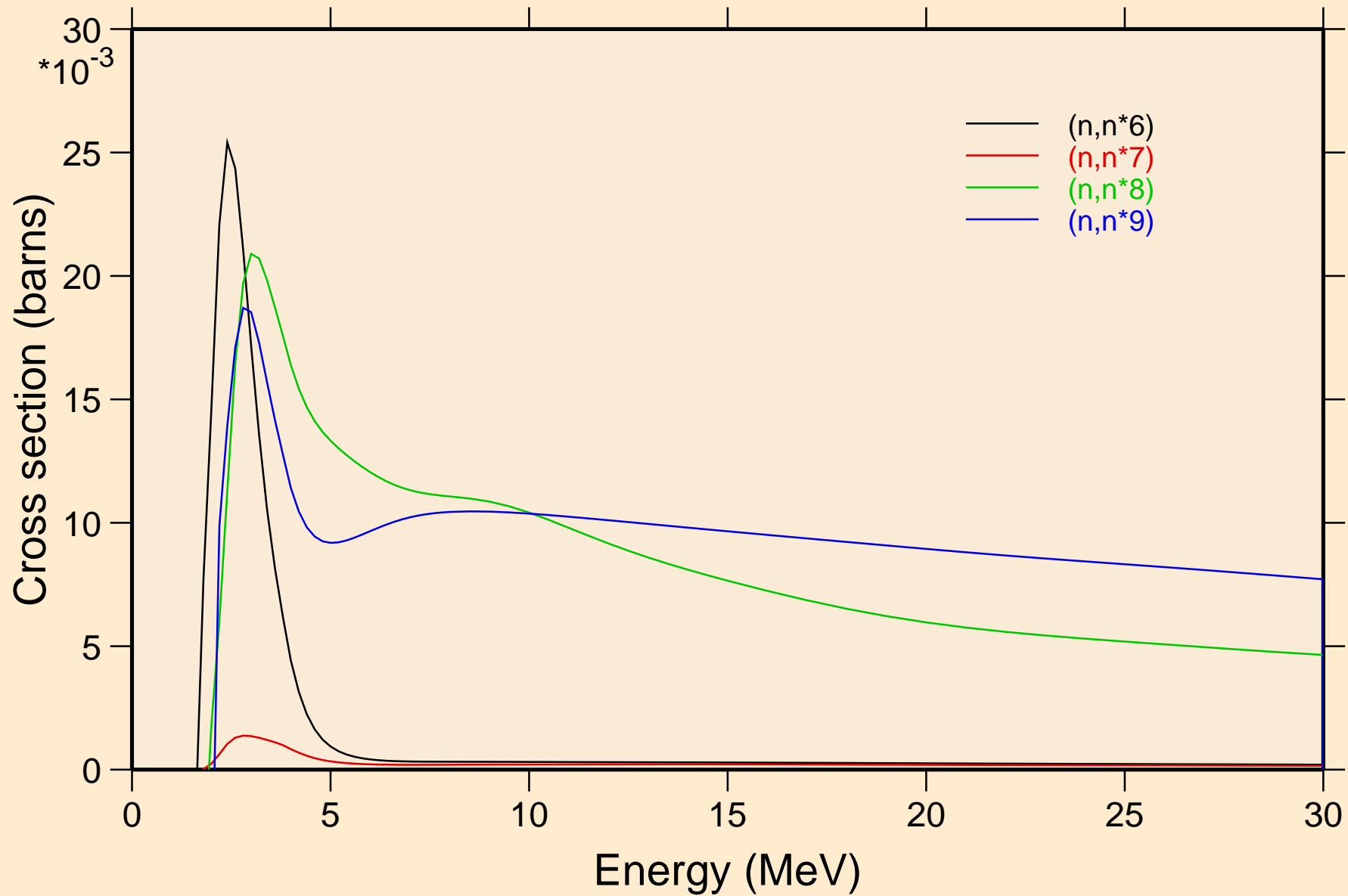
## Inelastic levels





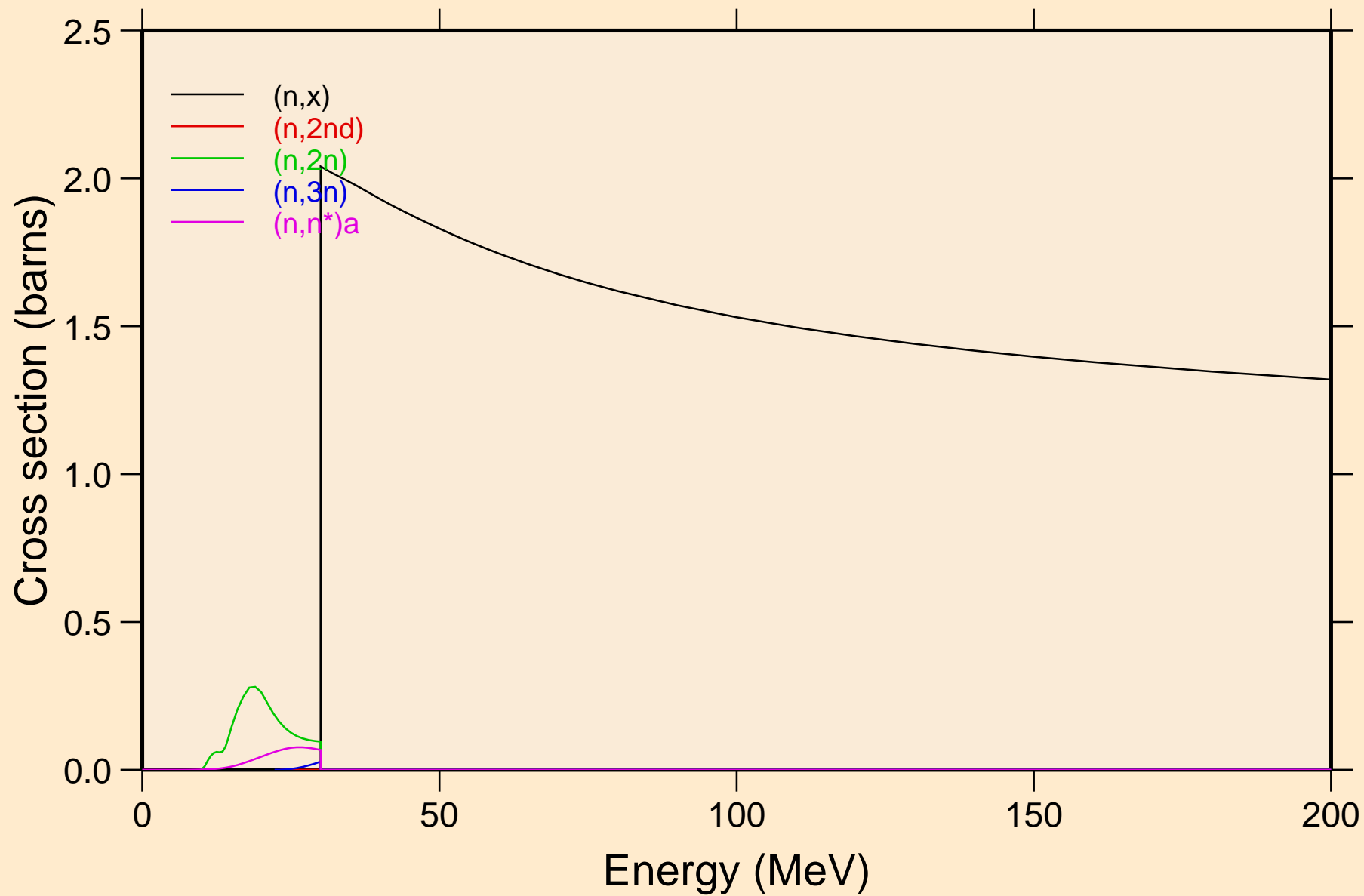
# DY147 NRG TENDL-2015, AKONING

## Inelastic levels



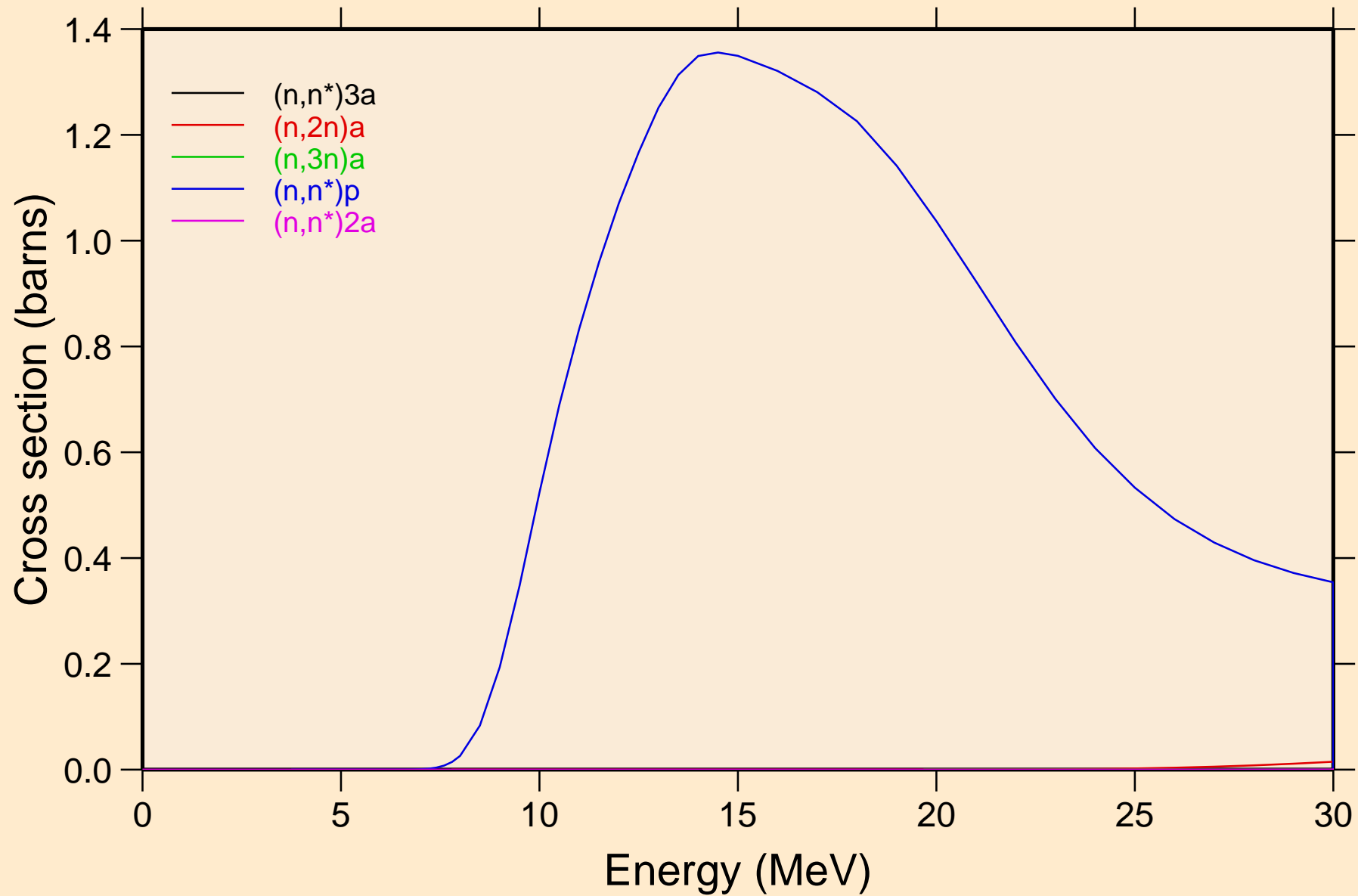
# DY147 NRG TENDL-2015, AKONING

## Threshold reactions



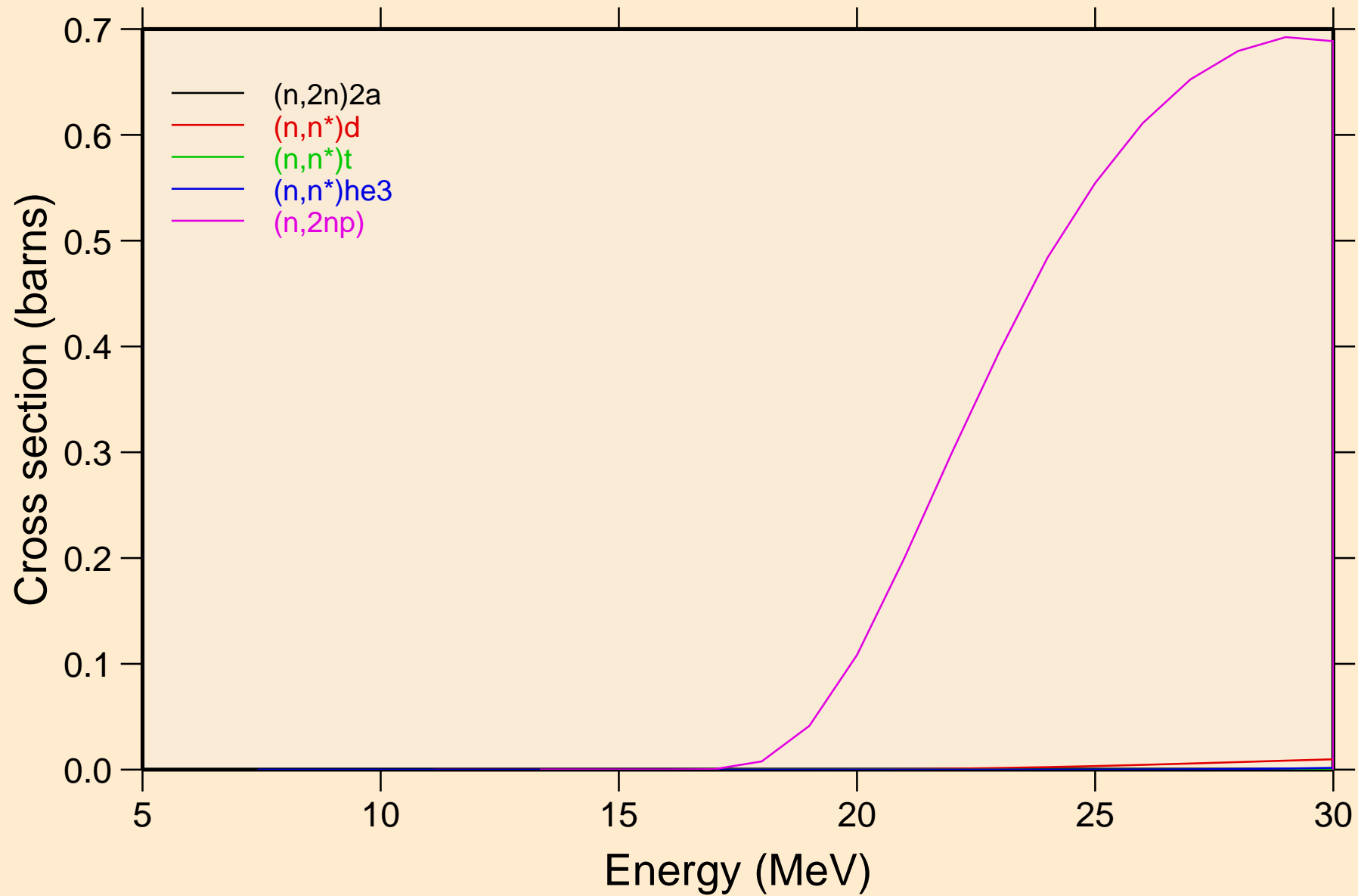
# DY147 NRG TENDL-2015, AKONING

## Threshold reactions



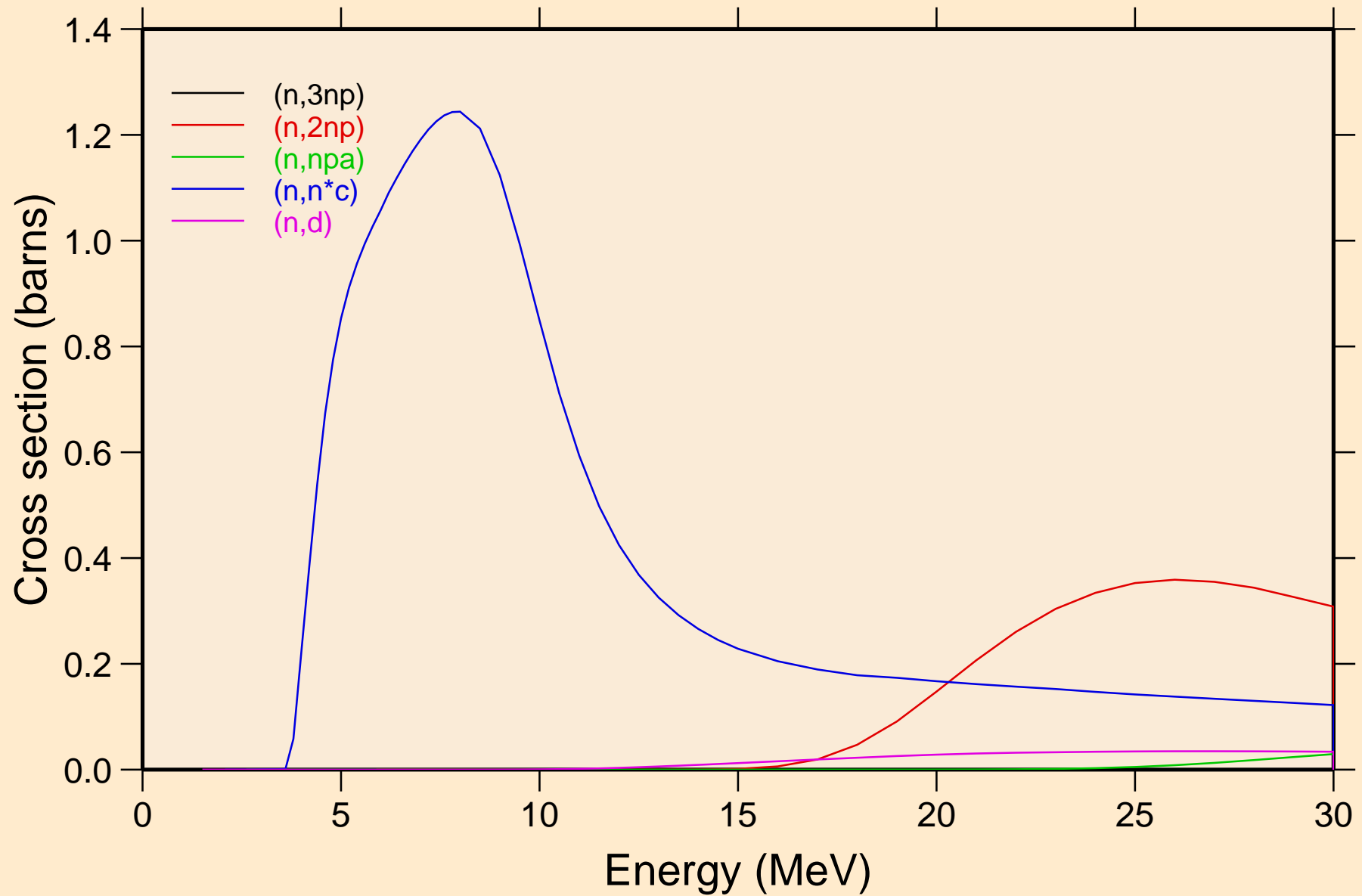
# DY147 NRG TENDL-2015, AKONING

## Threshold reactions



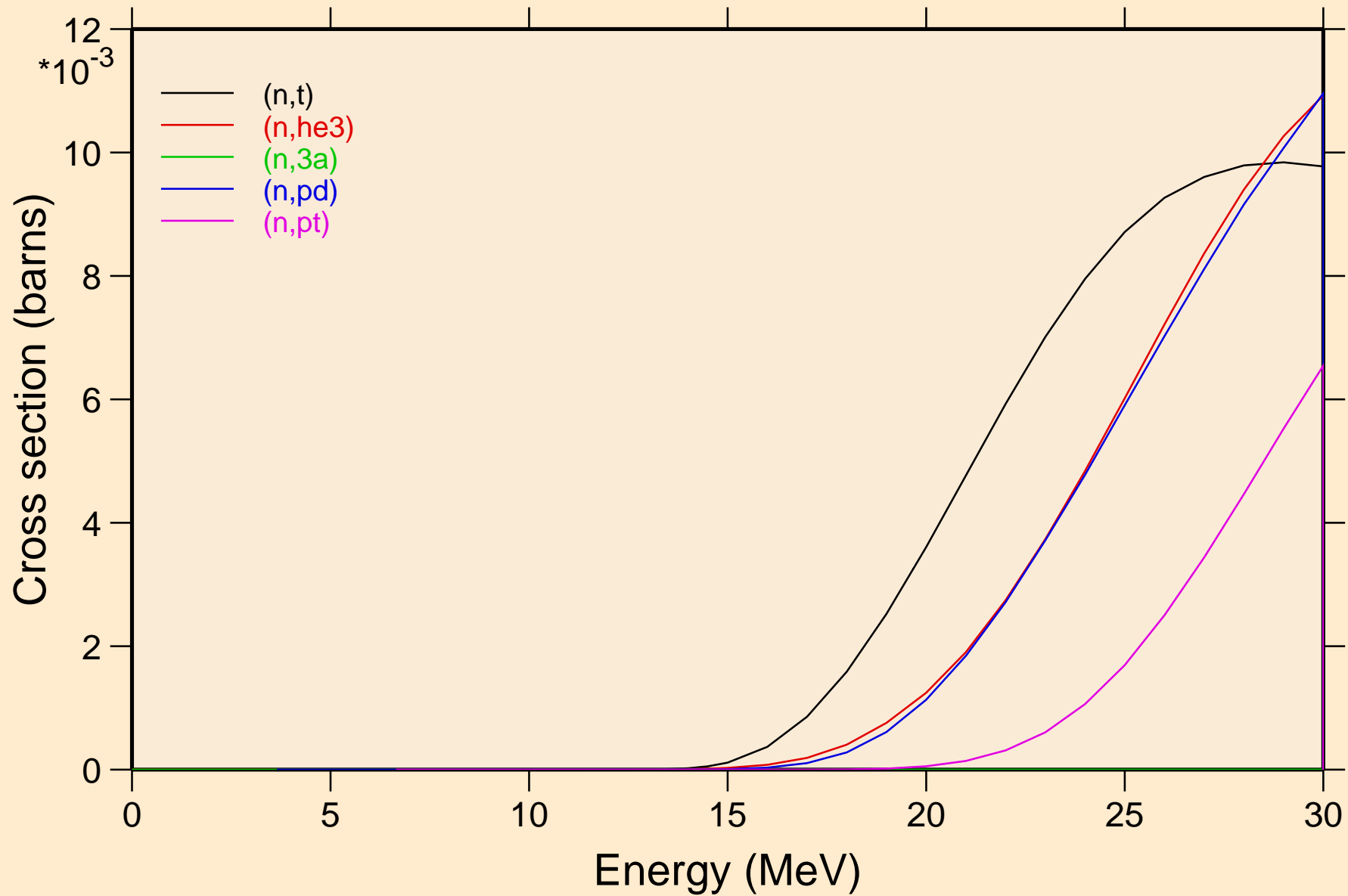
# DY147 NRG TENDL-2015, AKONING

## Threshold reactions



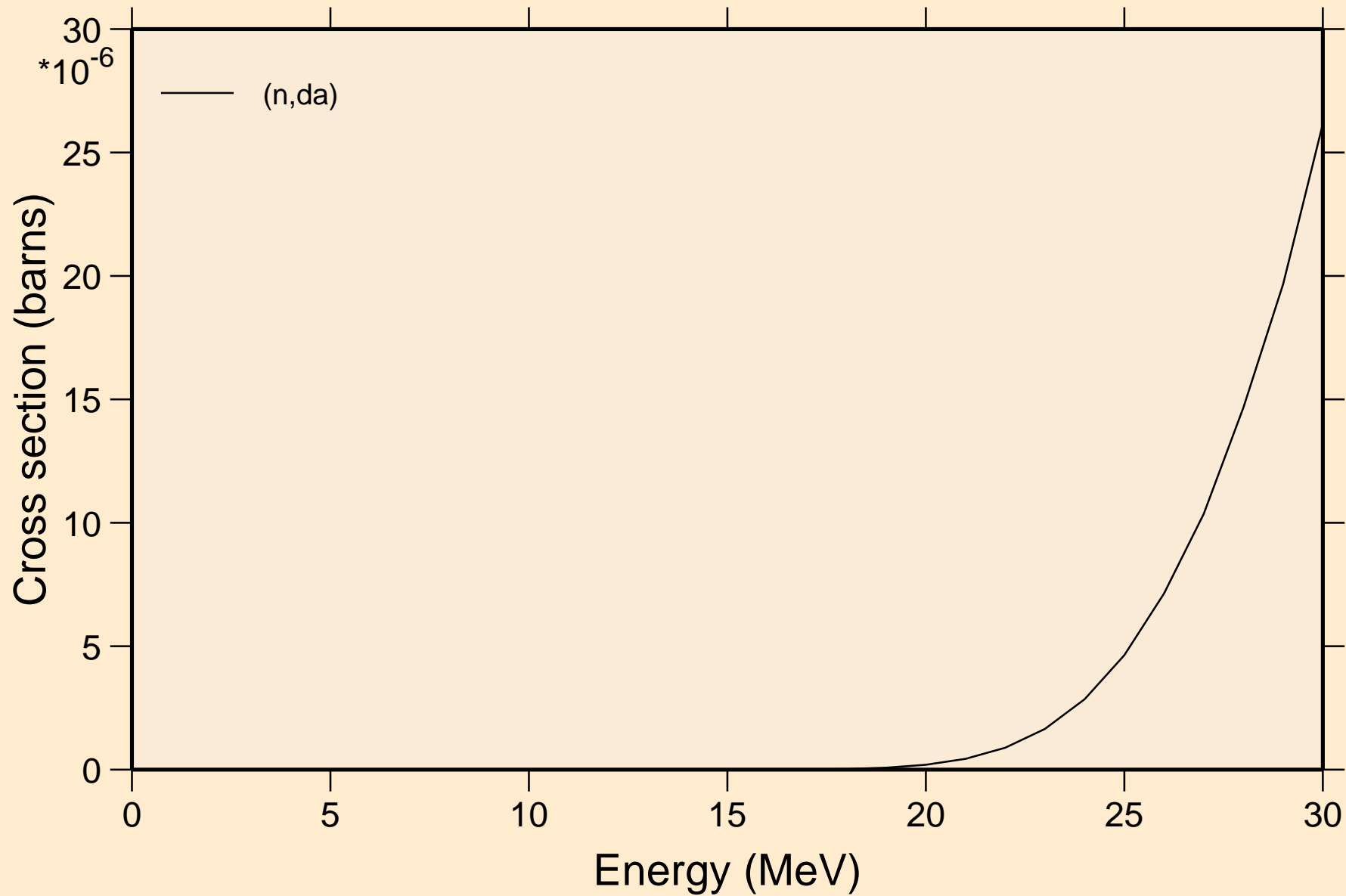
# DY147 NRG TENDL-2015, AKONING

## Threshold reactions

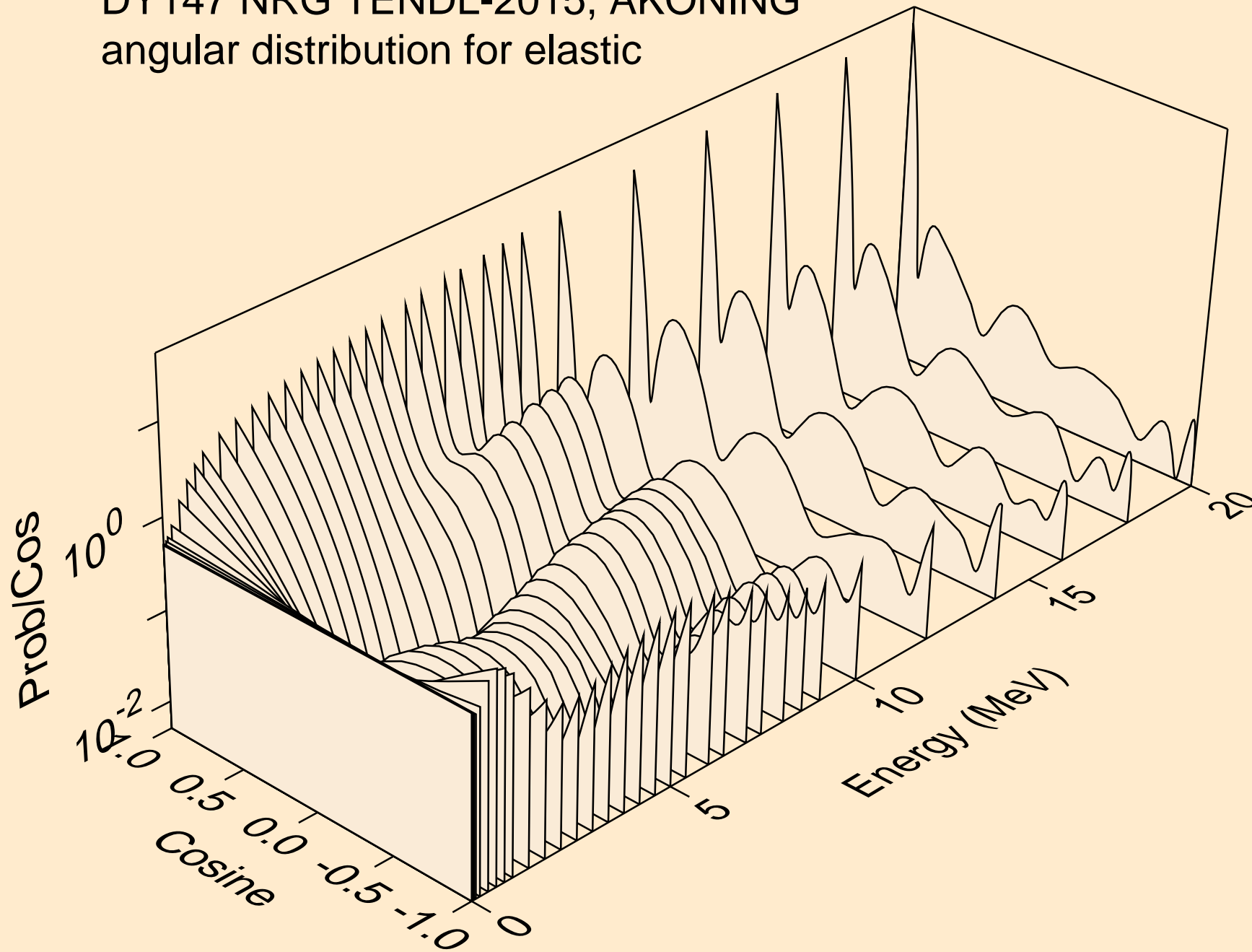


# DY147 NRG TENDL-2015, AKONING

## Threshold reactions

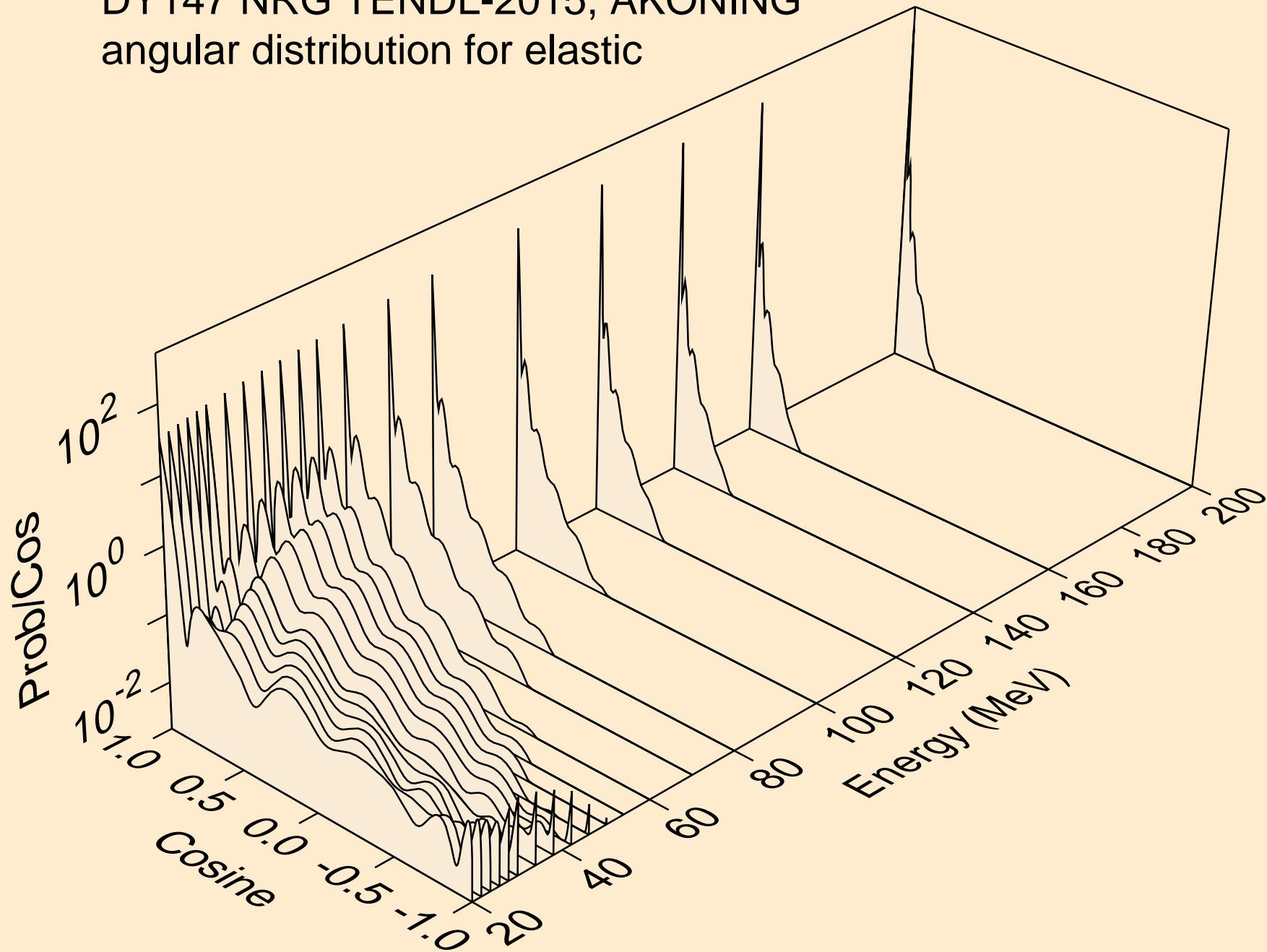


DY147 NRG TENDL-2015, AKONING  
angular distribution for elastic

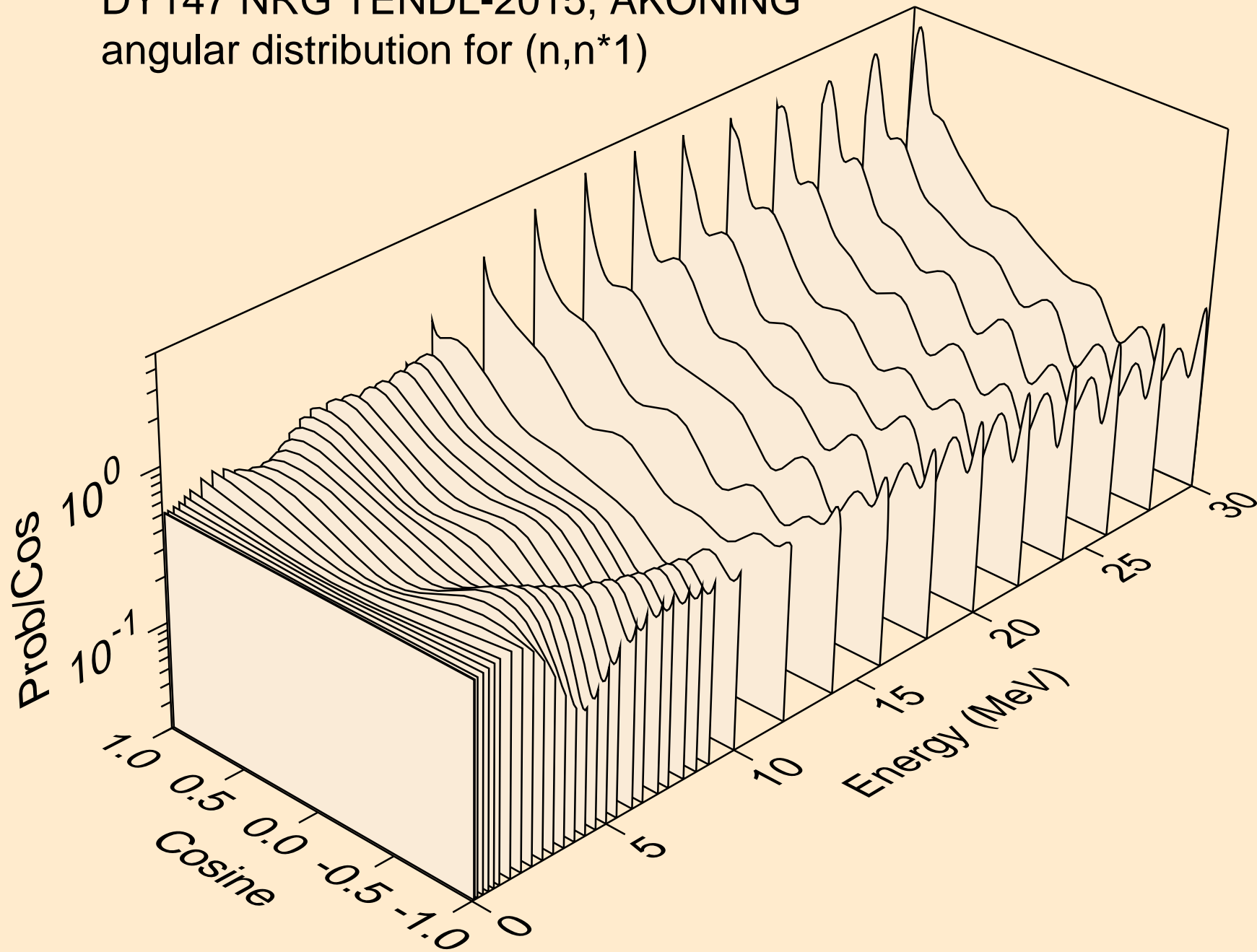




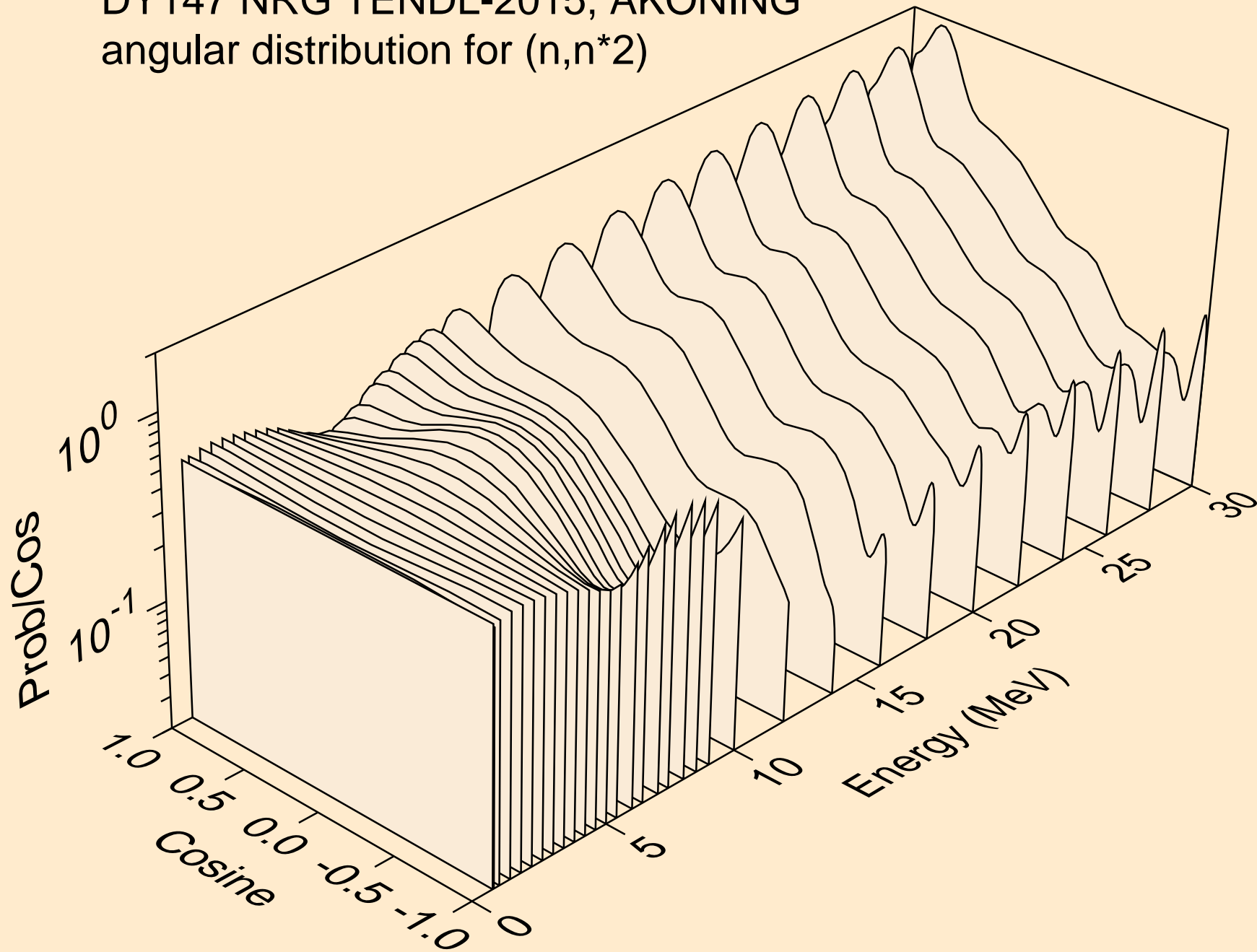
DY147 NRG TENDL-2015, AKONING  
angular distribution for elastic



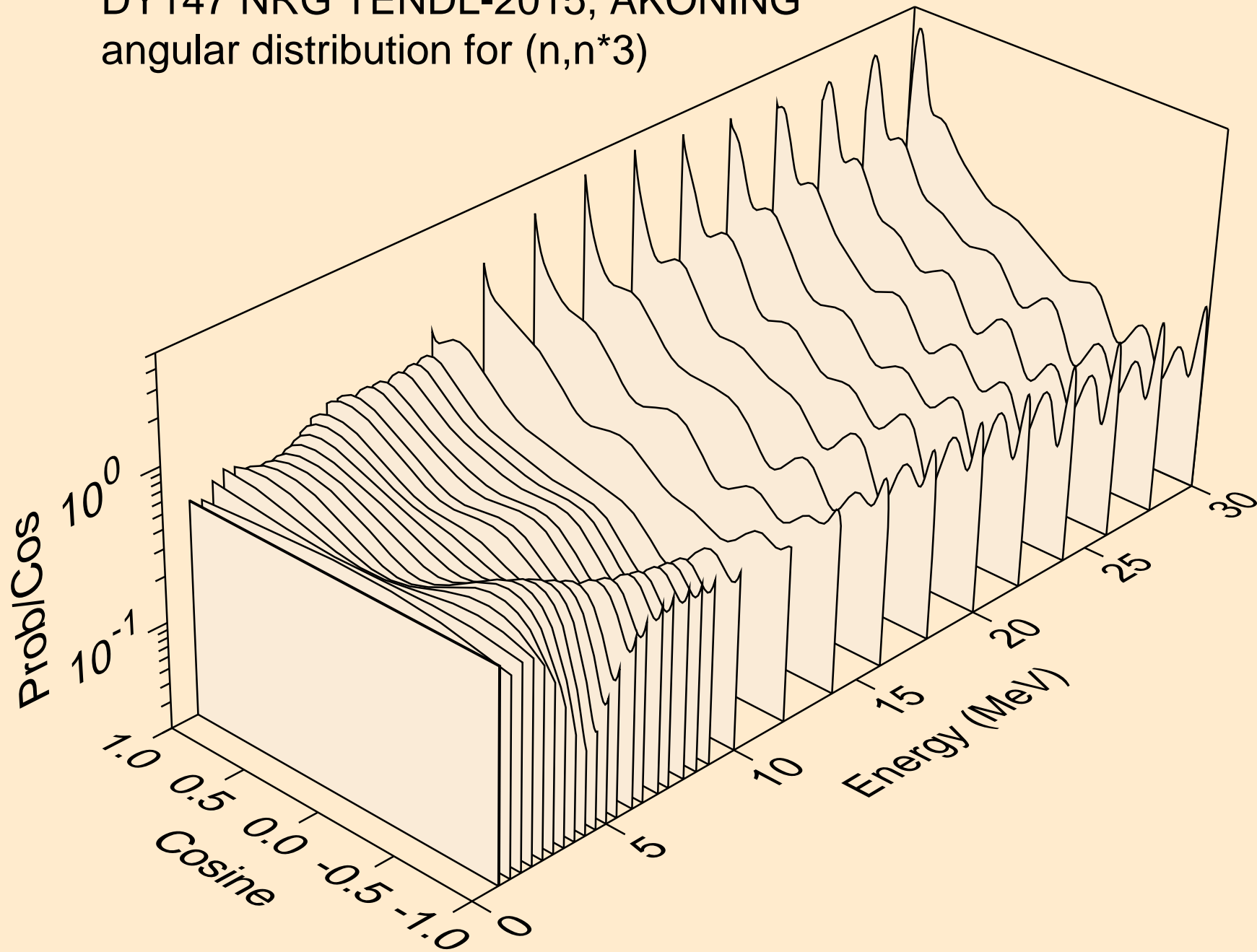
DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



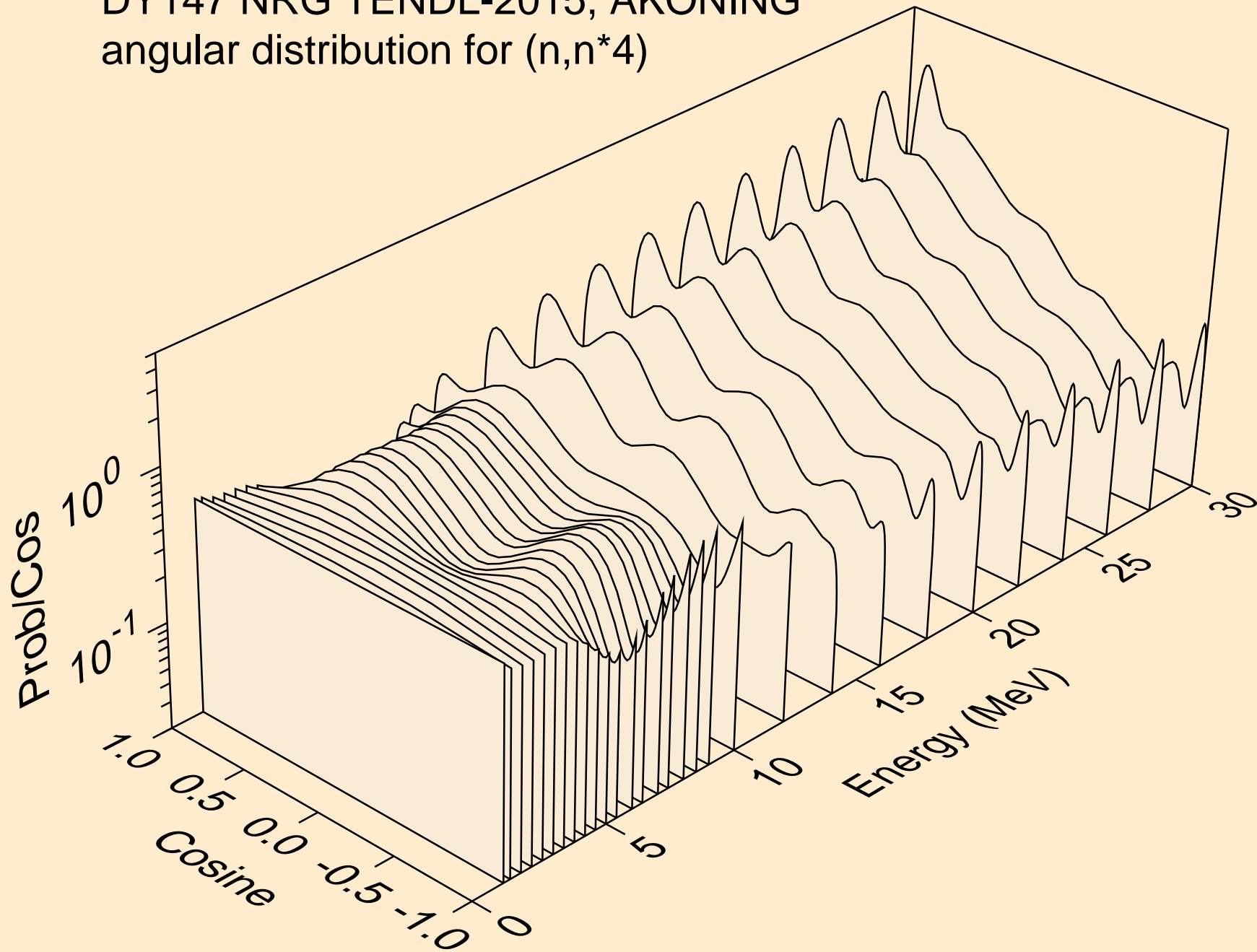
DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



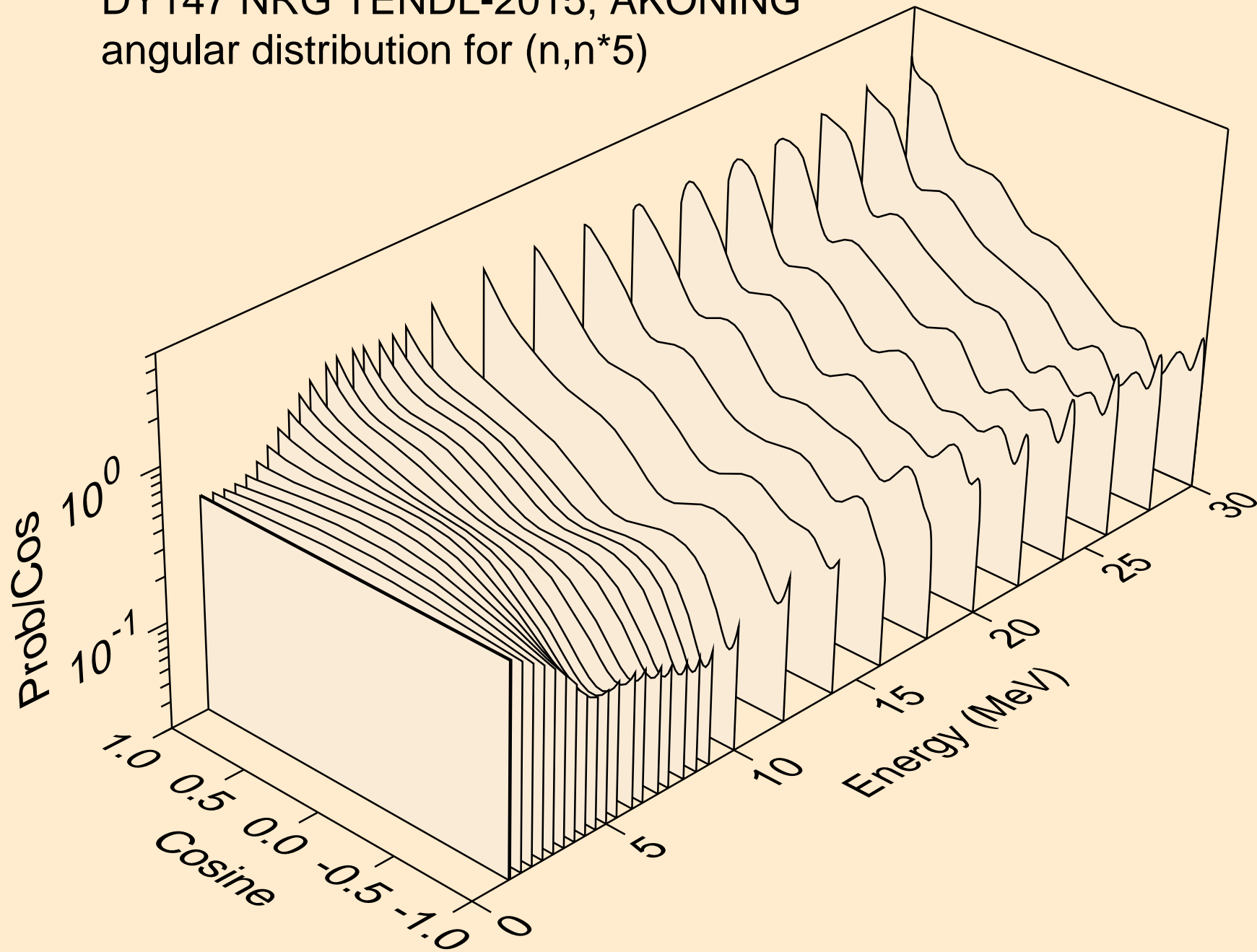
DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



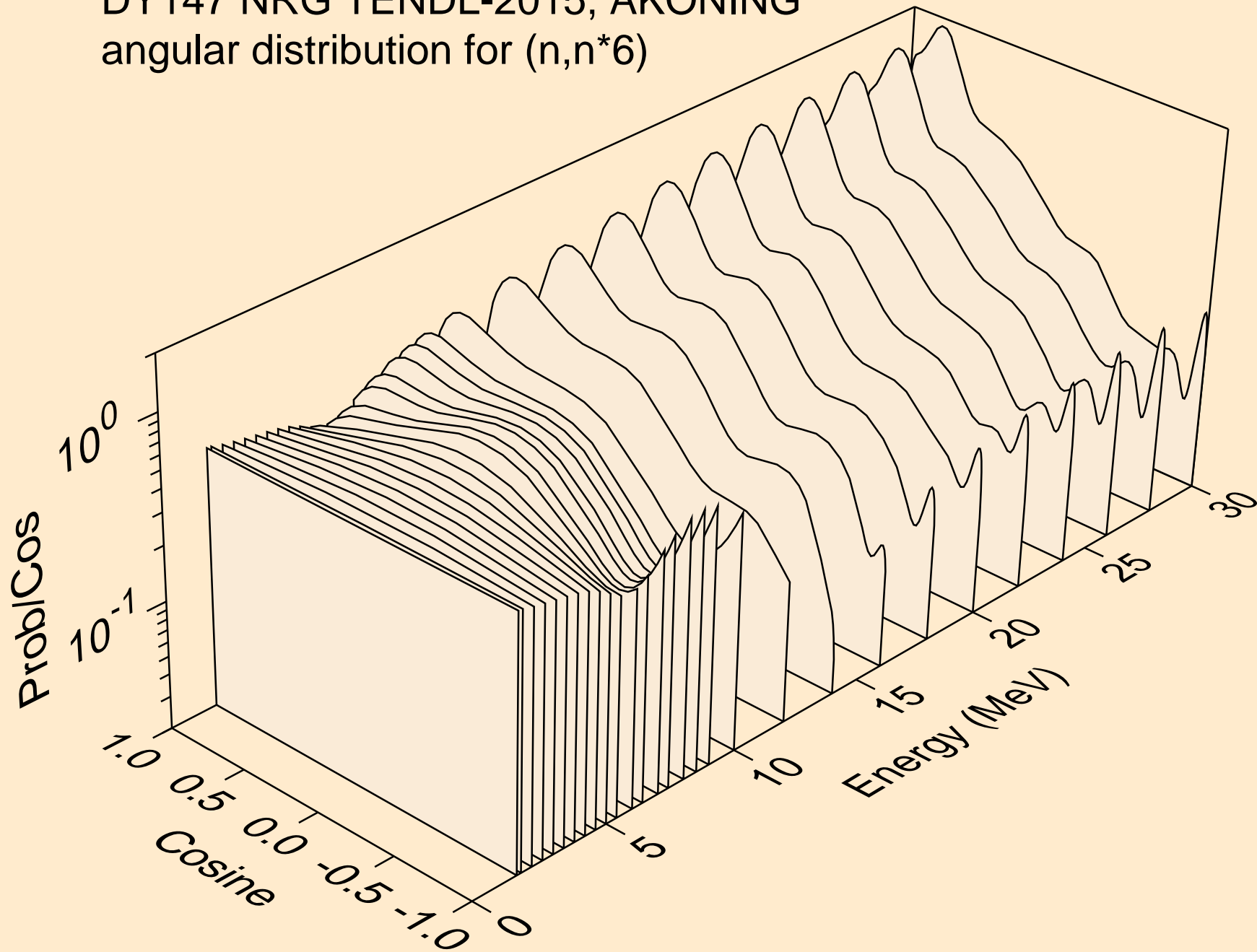
DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



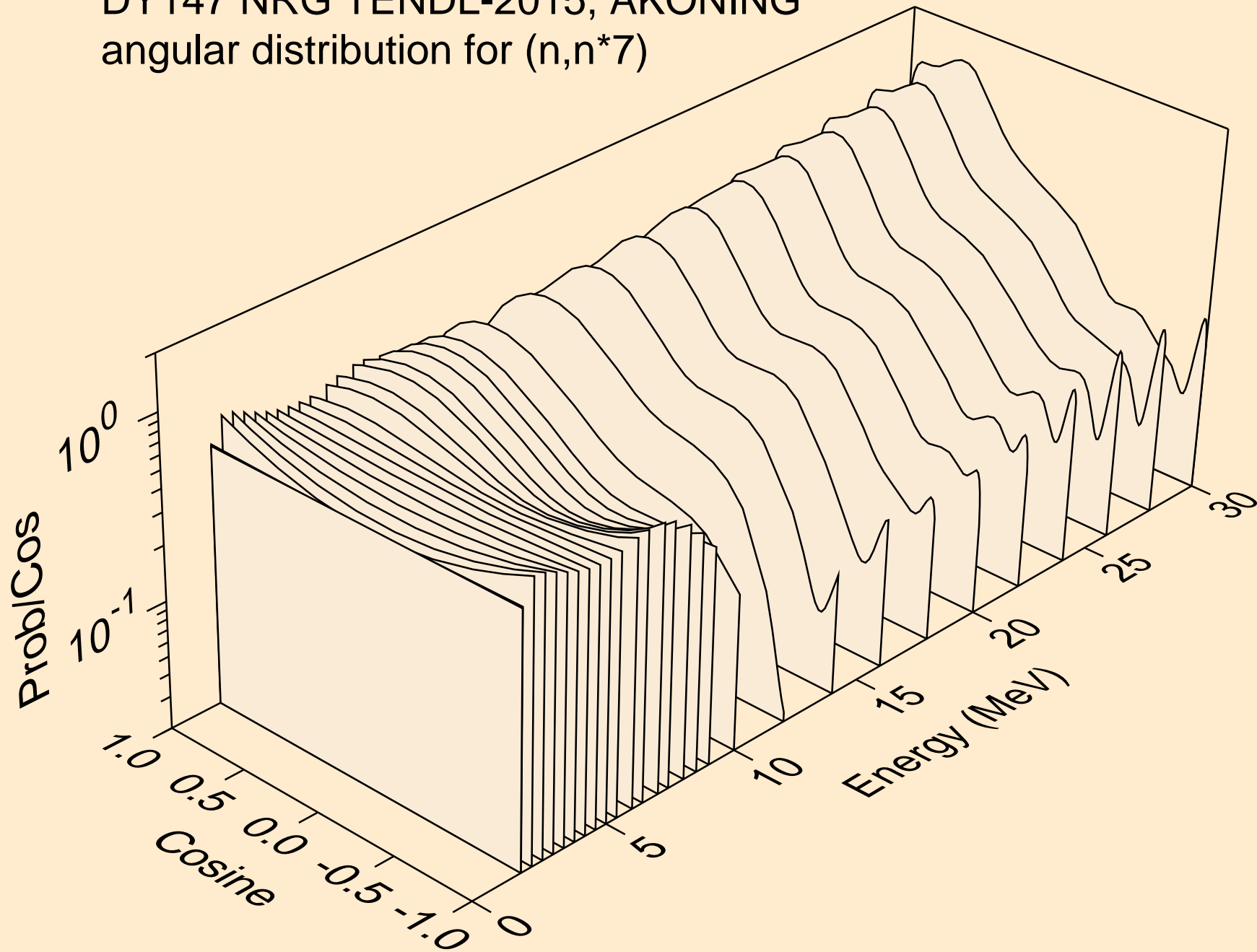
DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

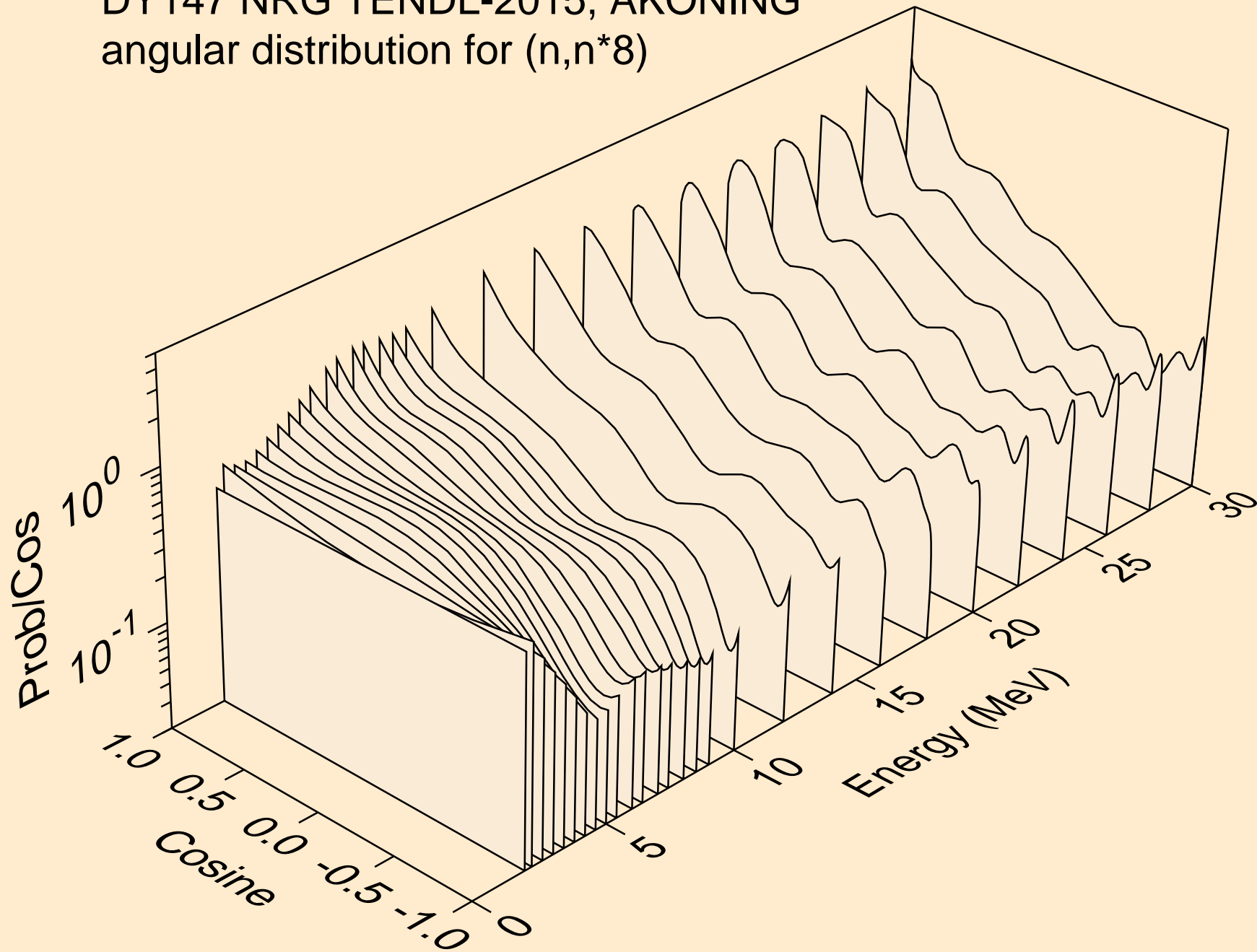


DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

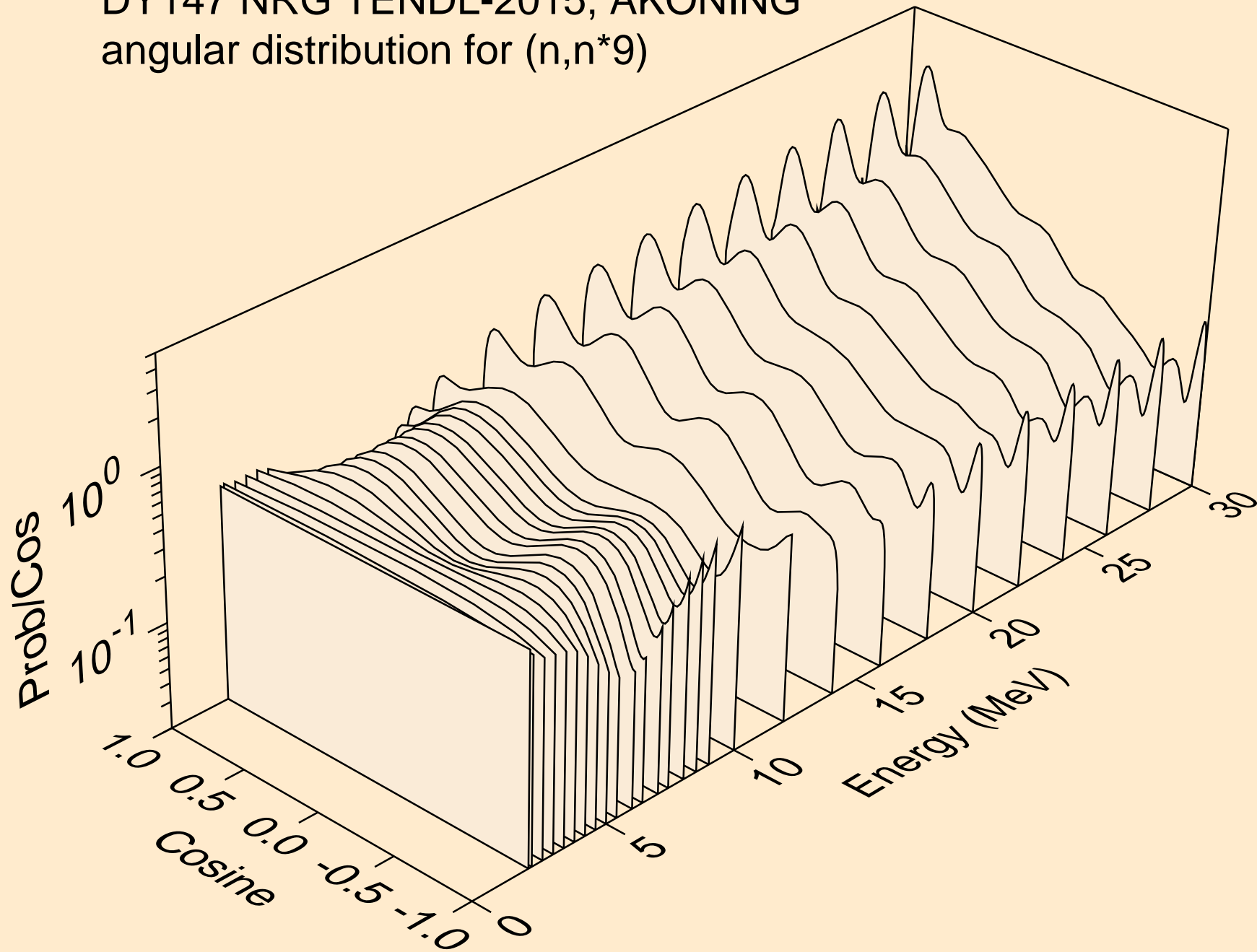




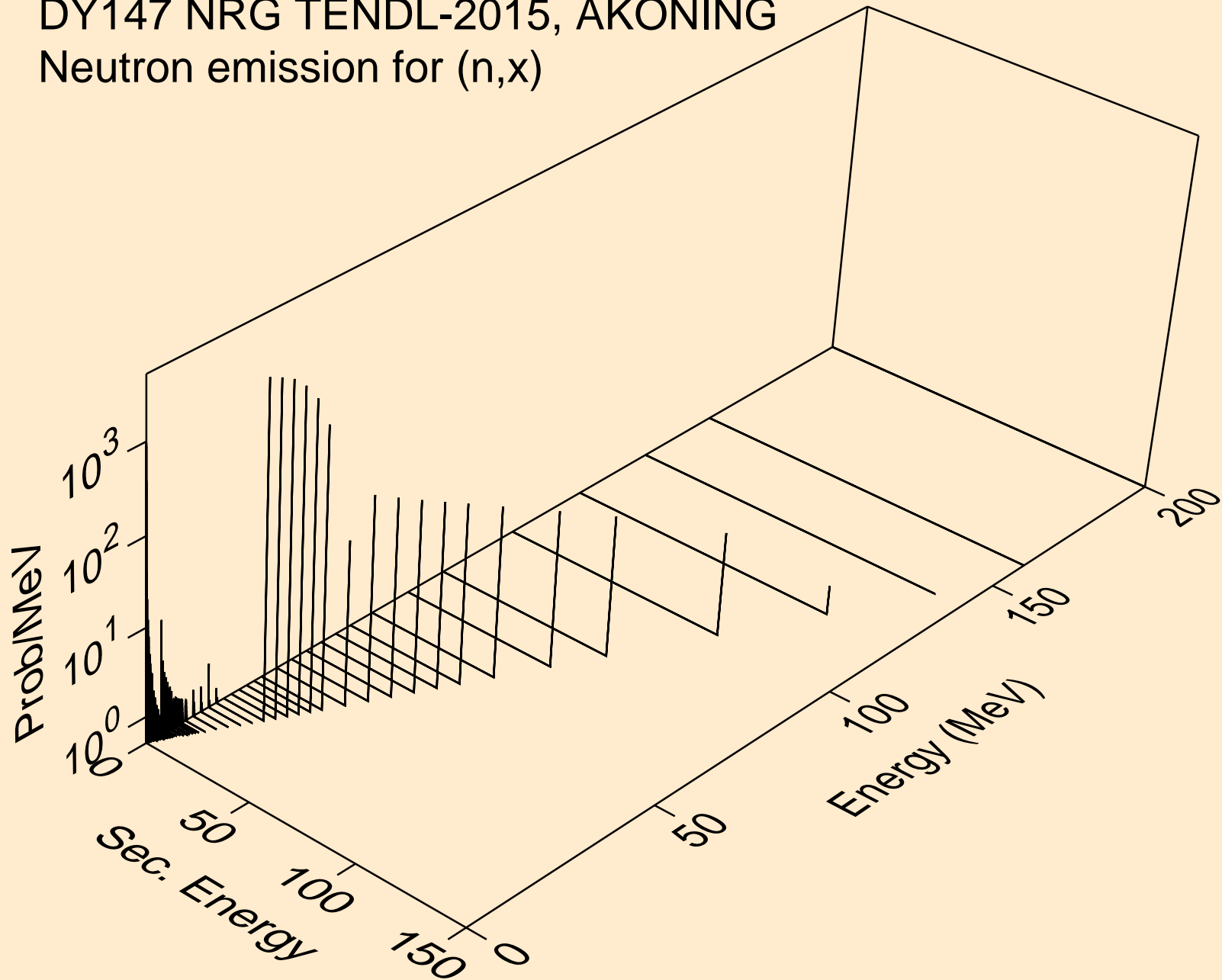
DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



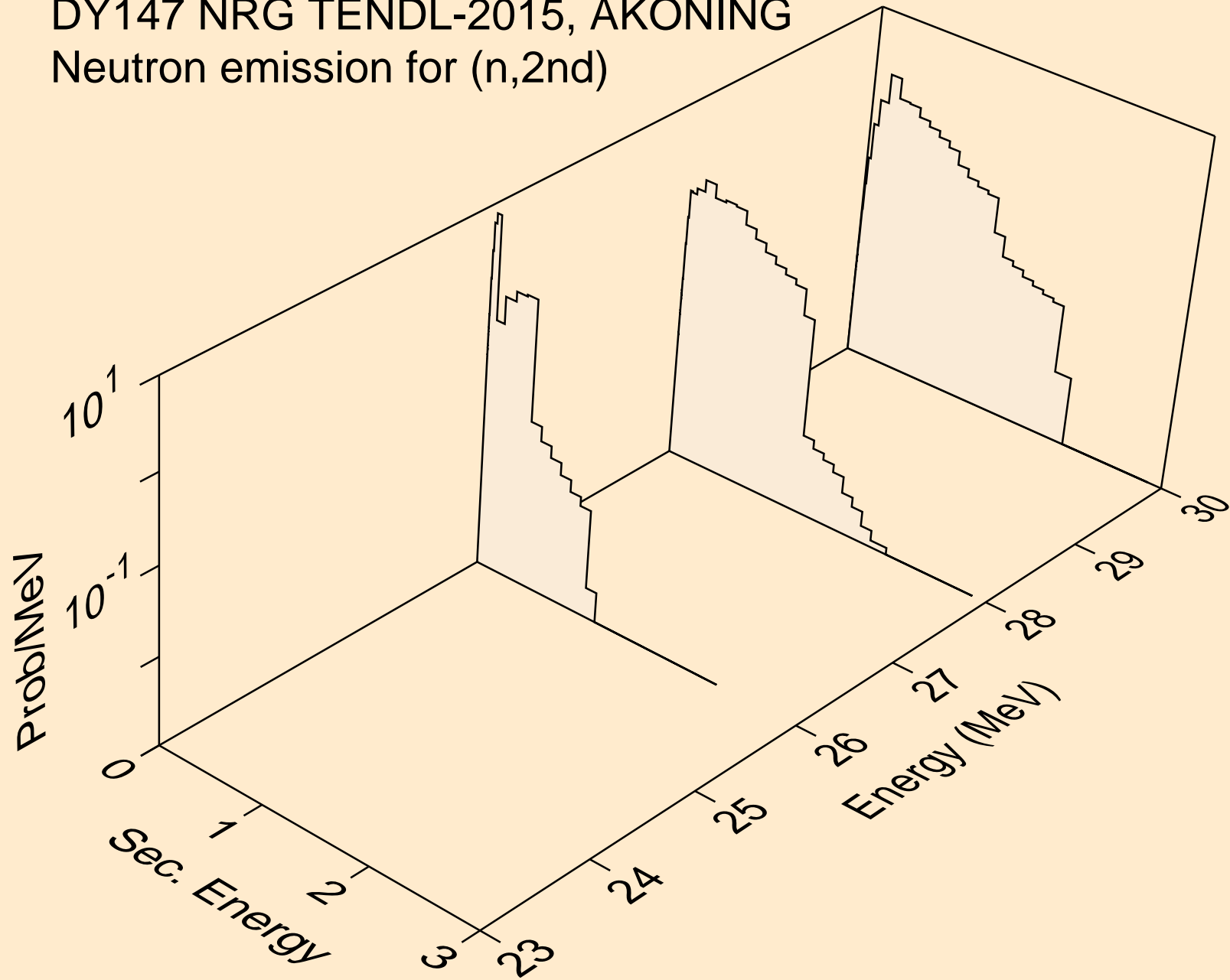
DY147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



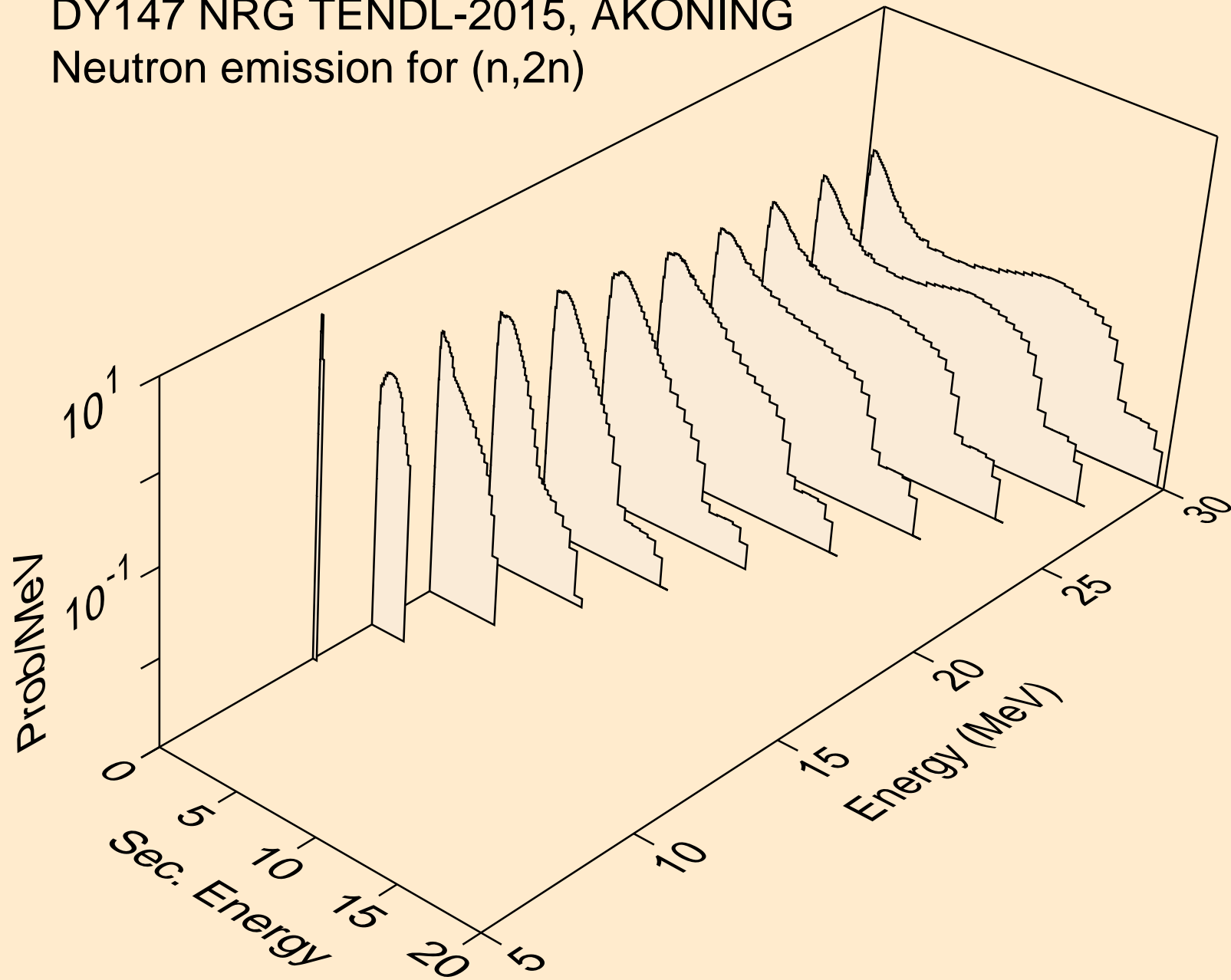
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



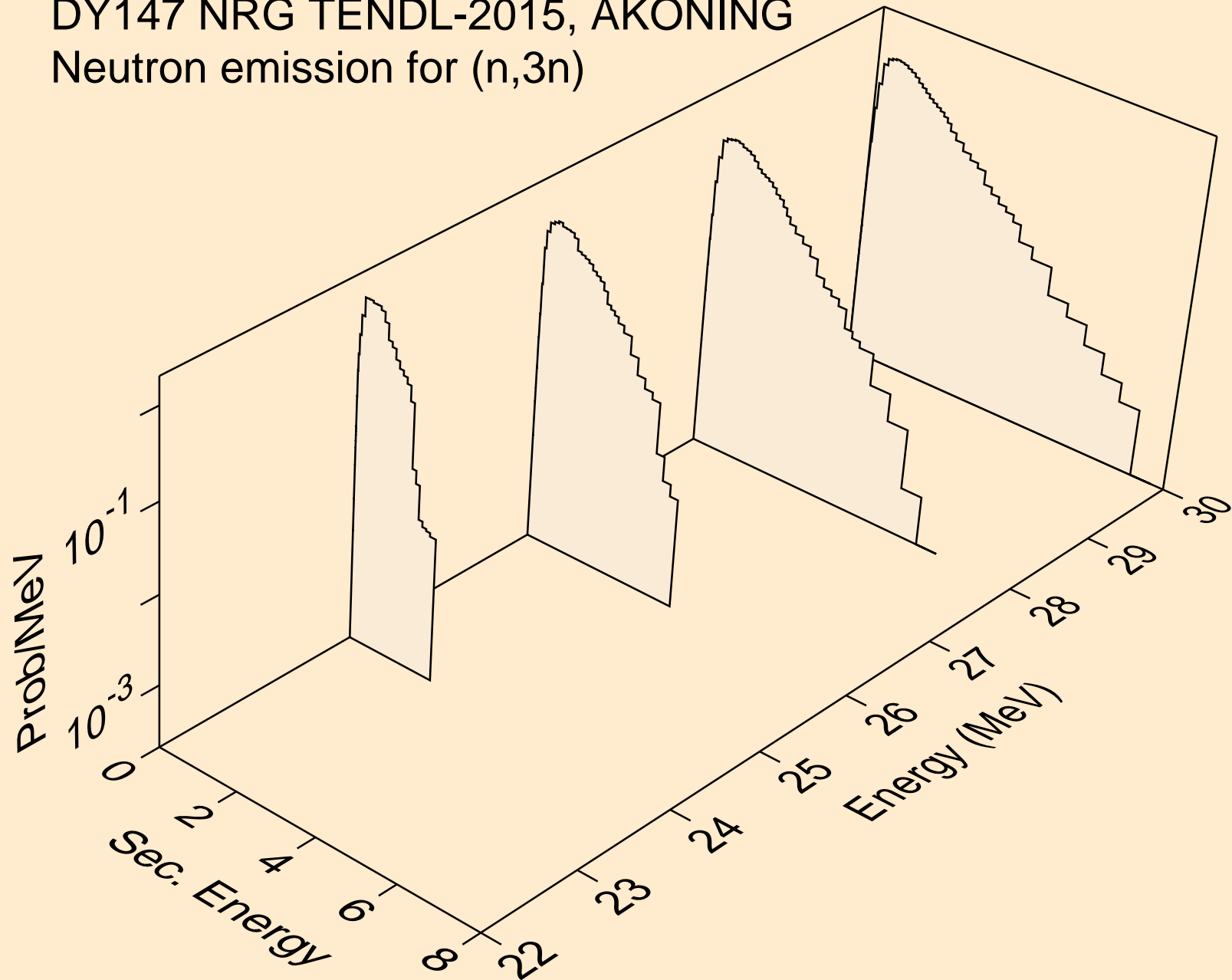
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



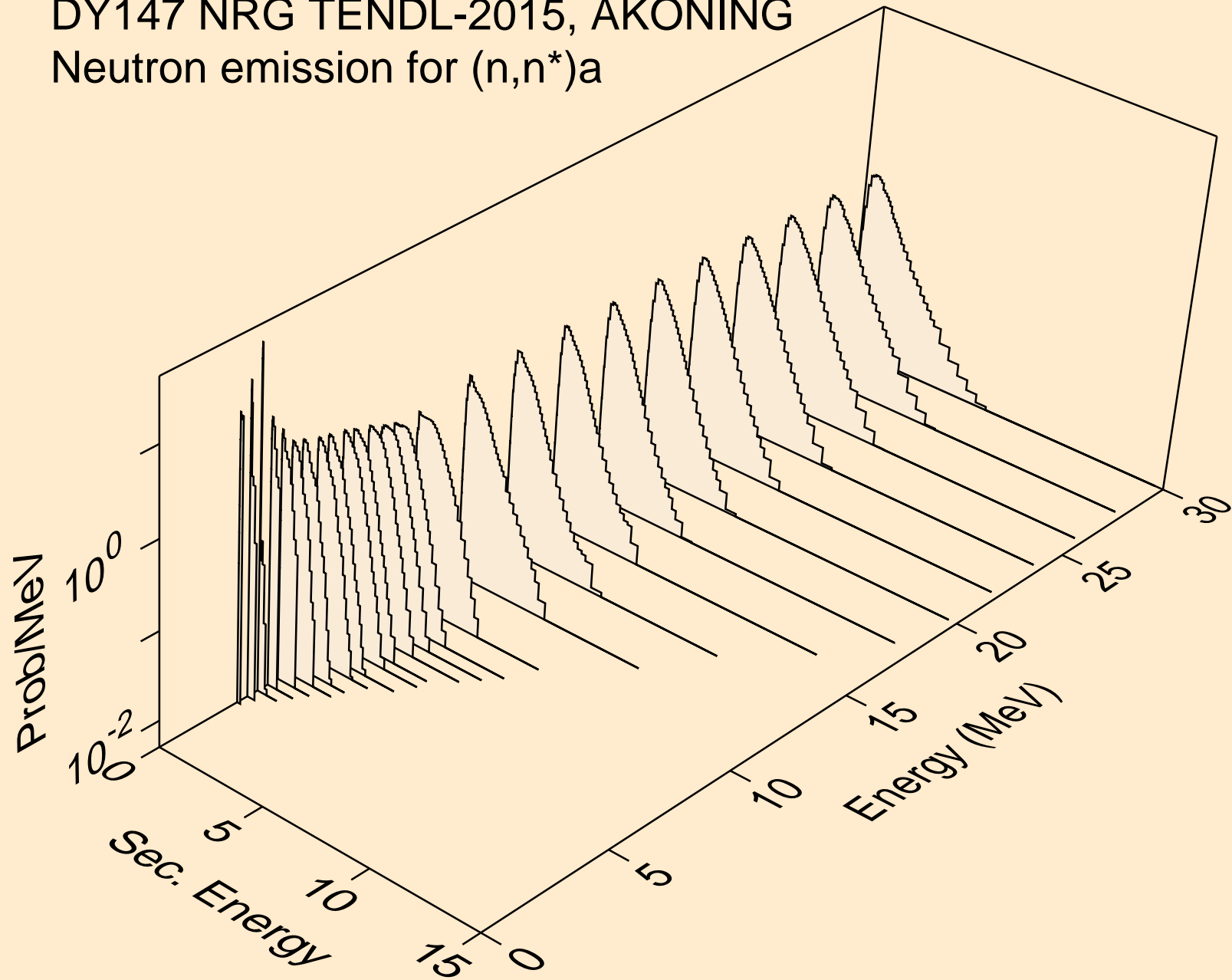
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



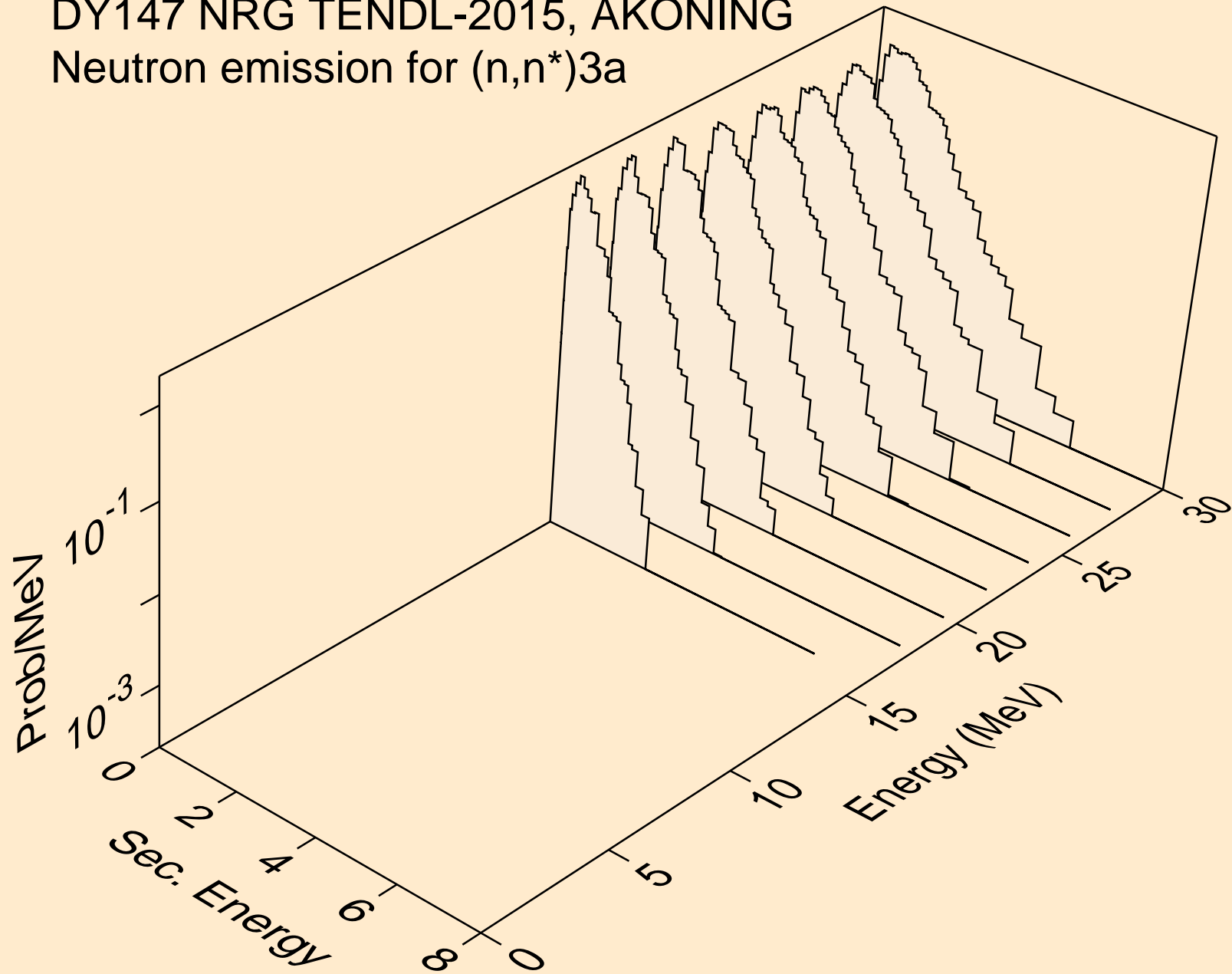
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

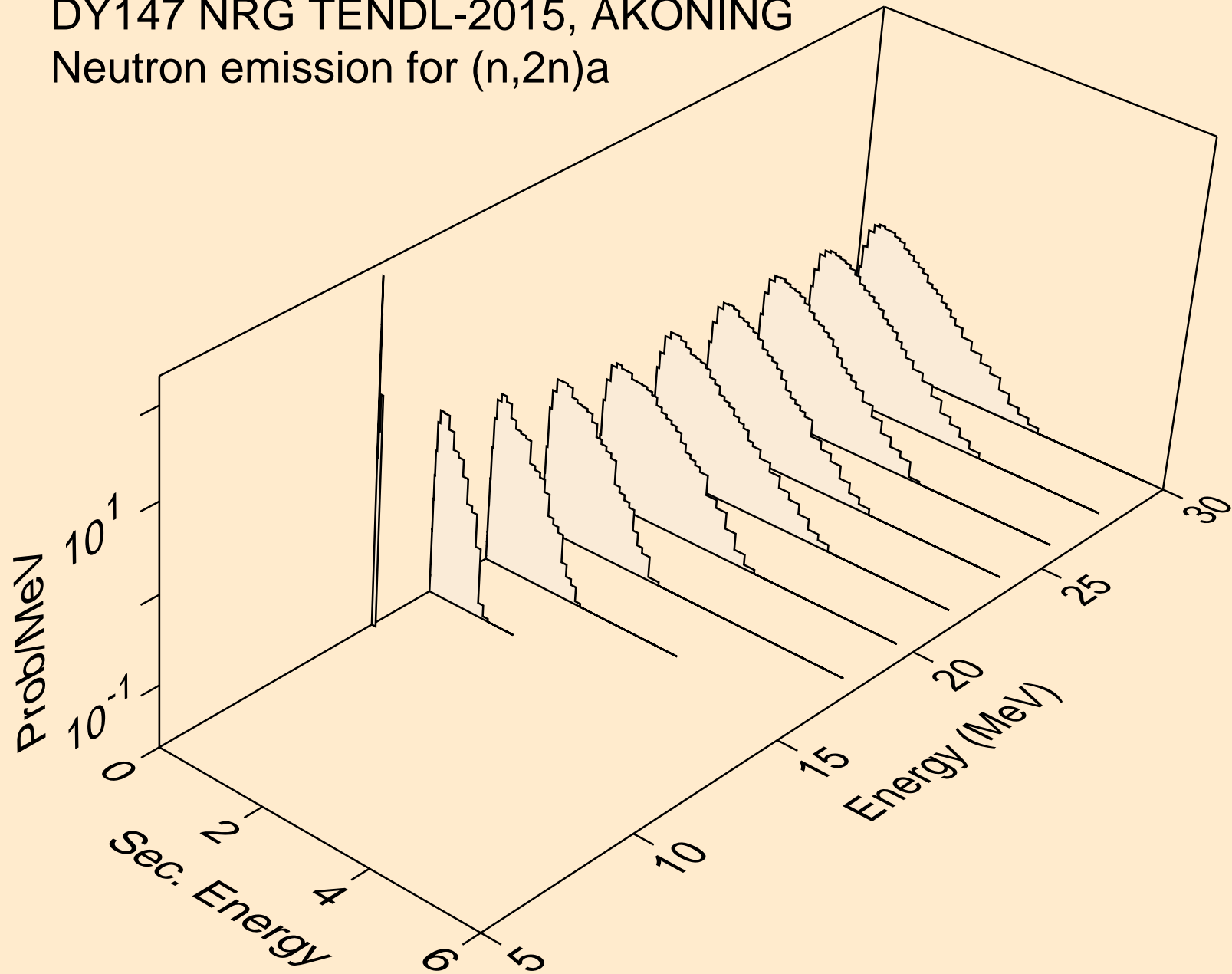


DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

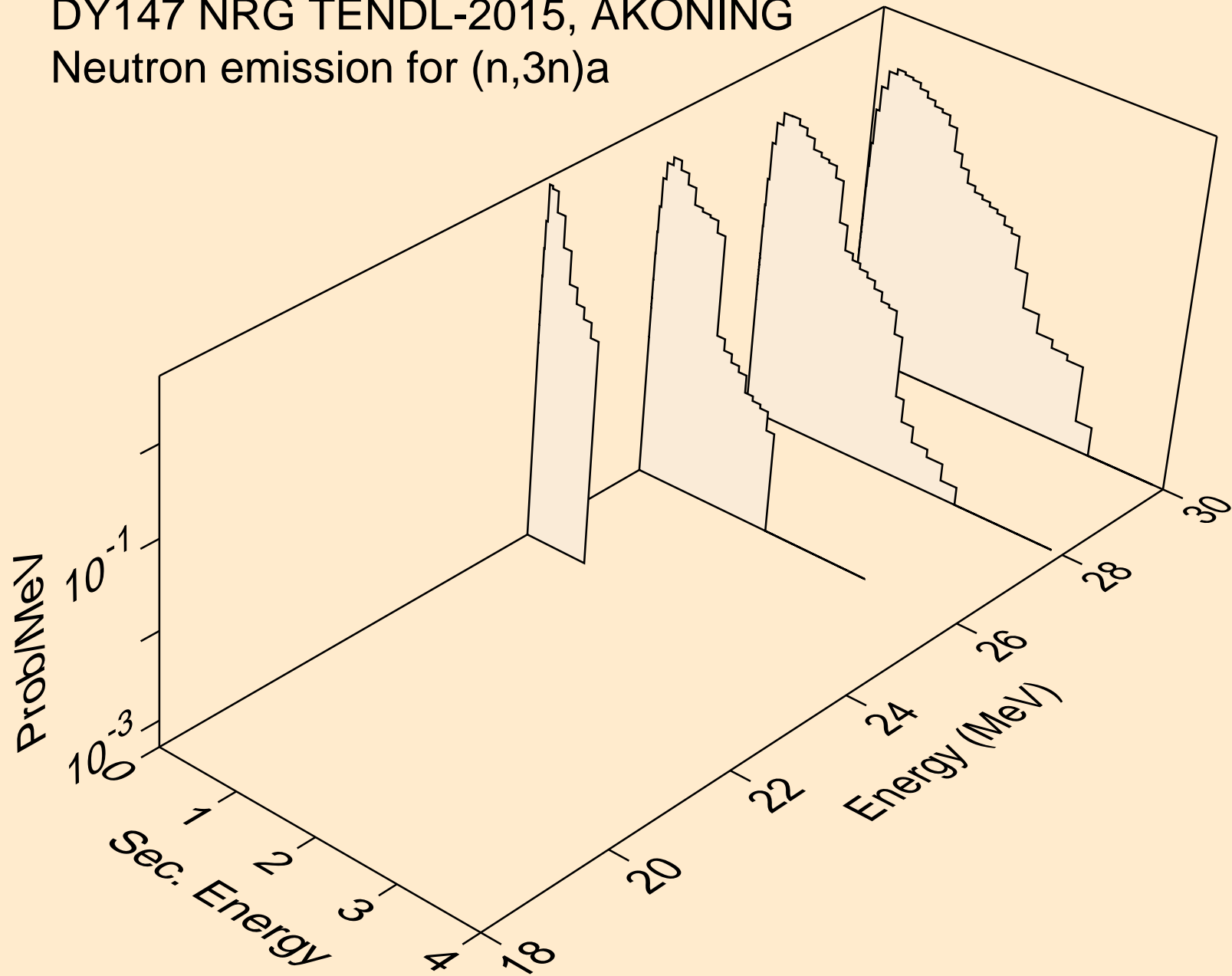




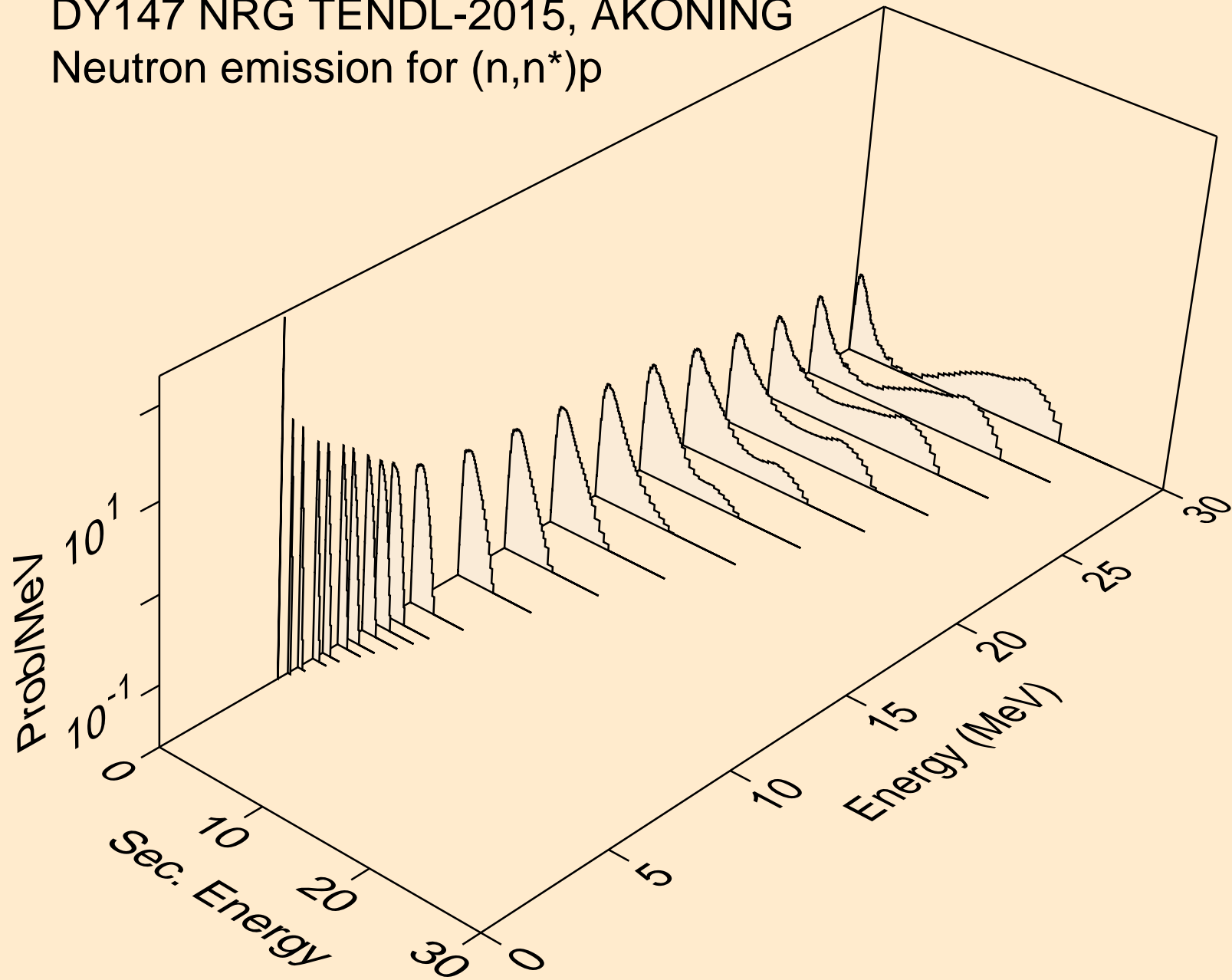
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



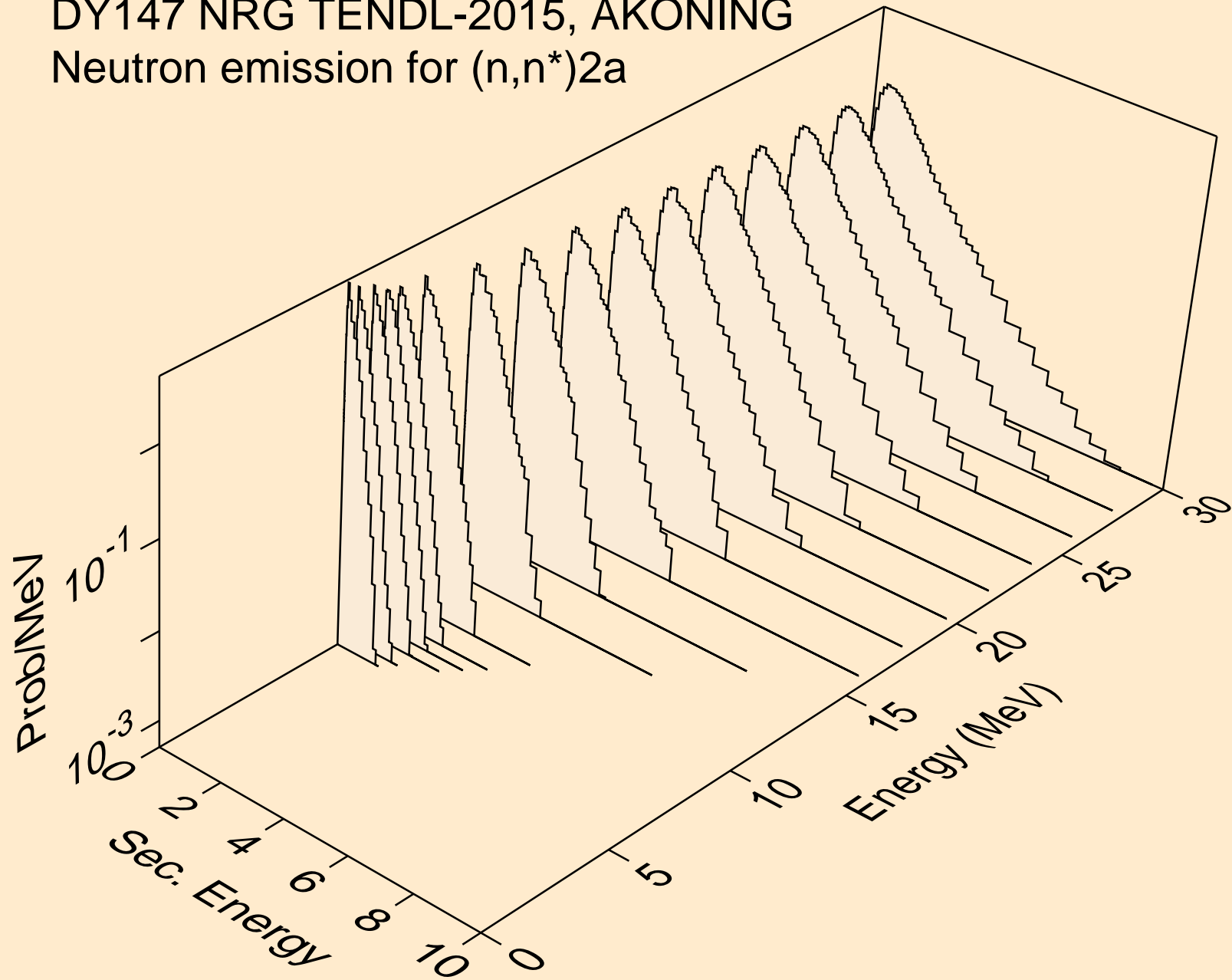
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



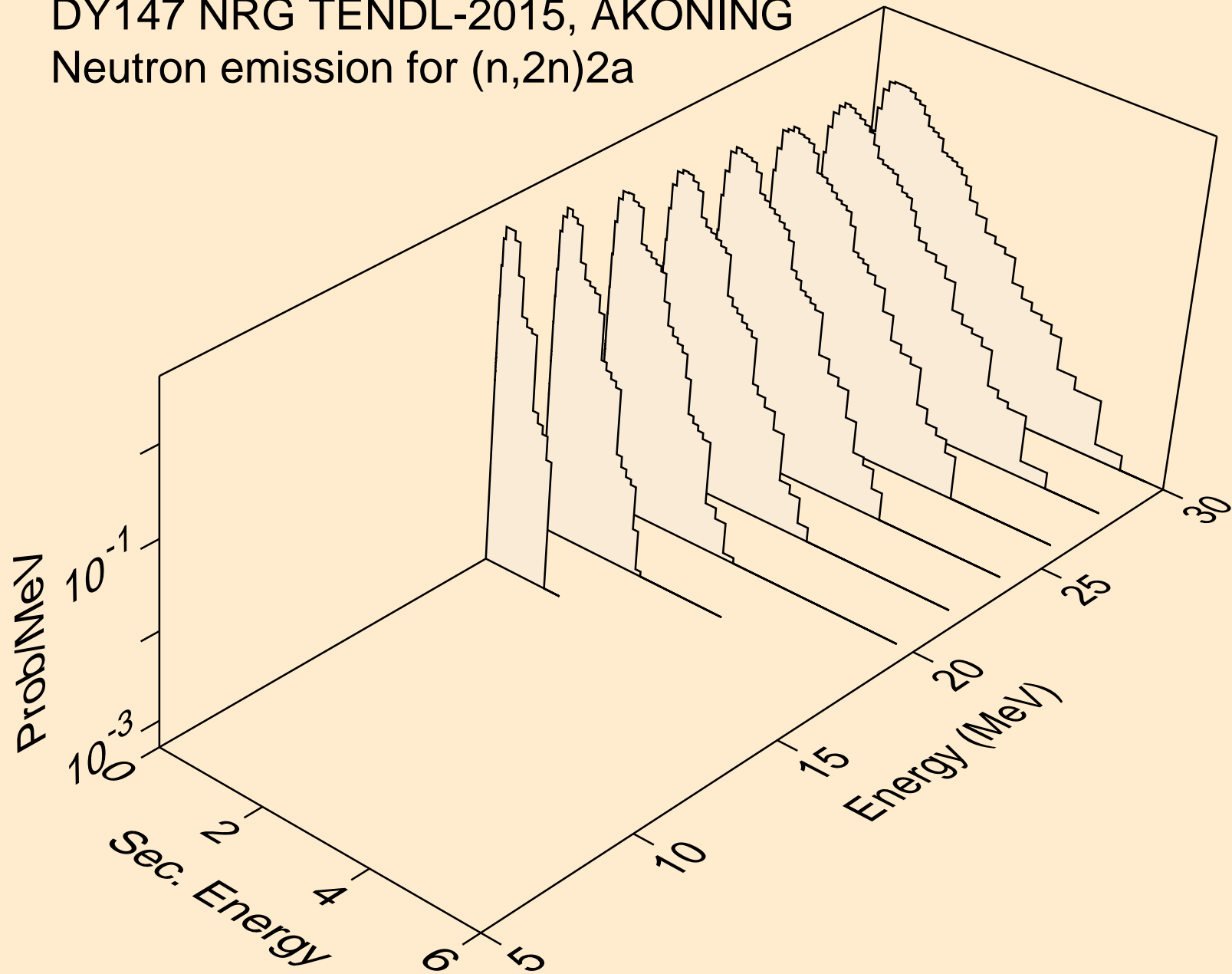
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



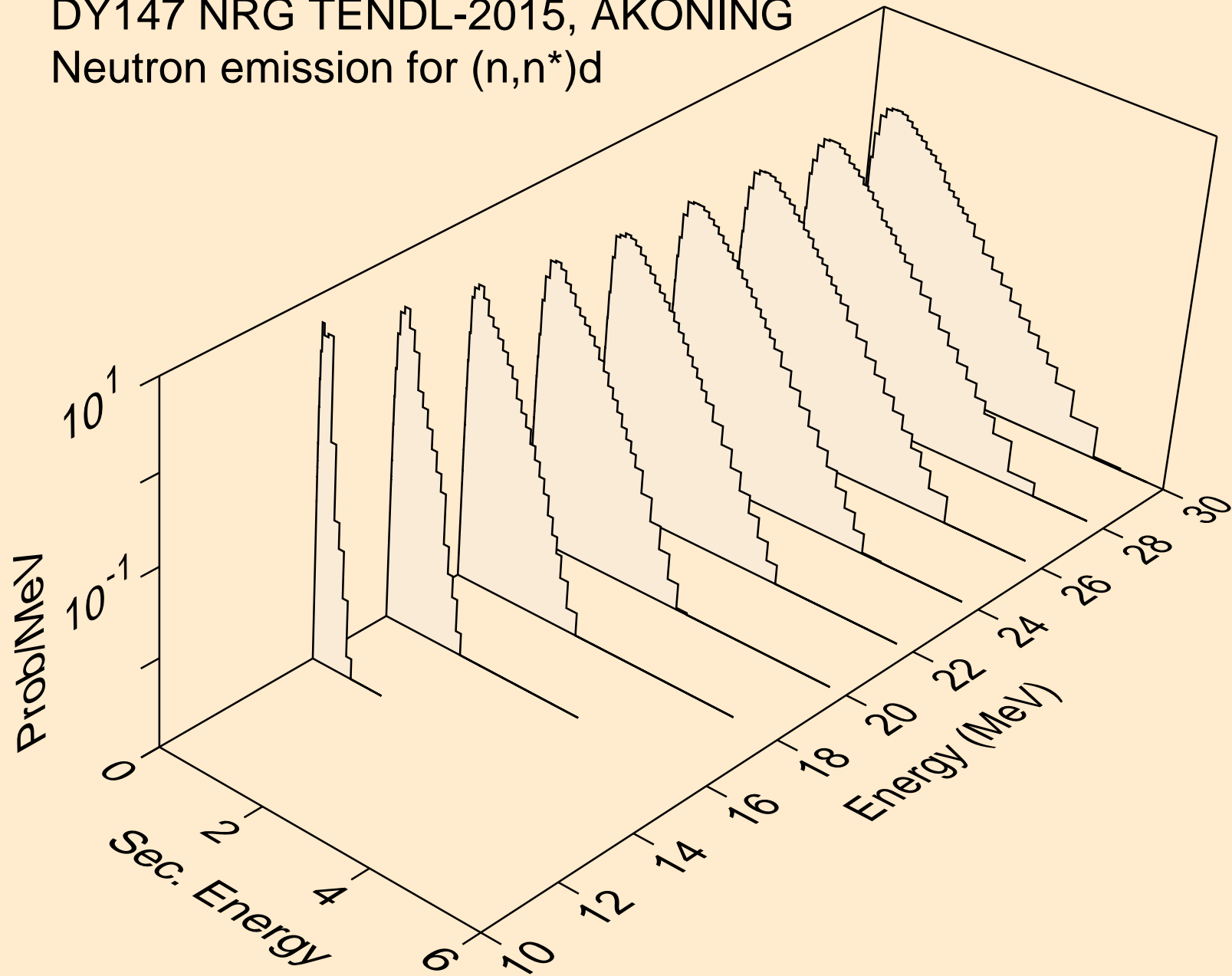
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



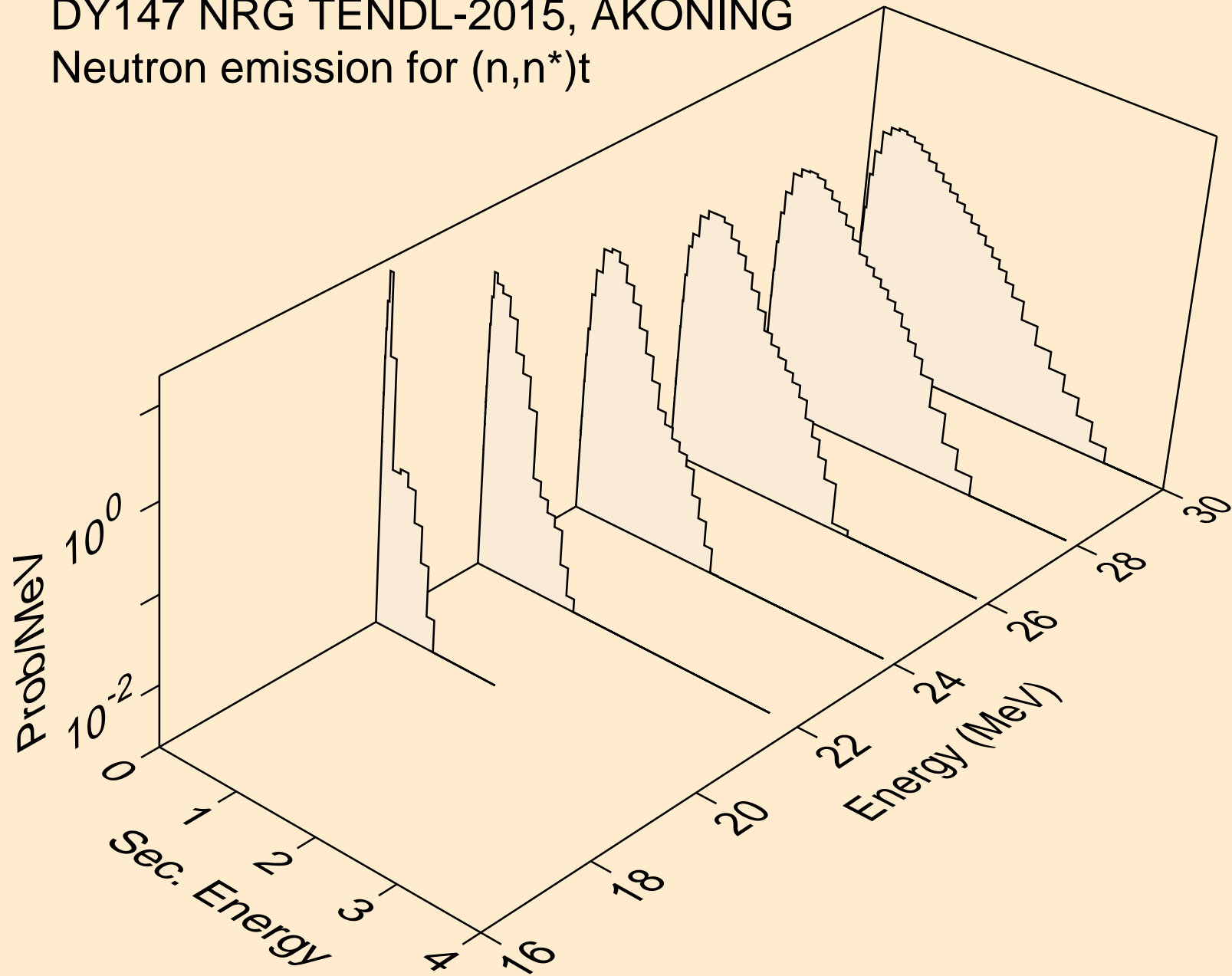
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



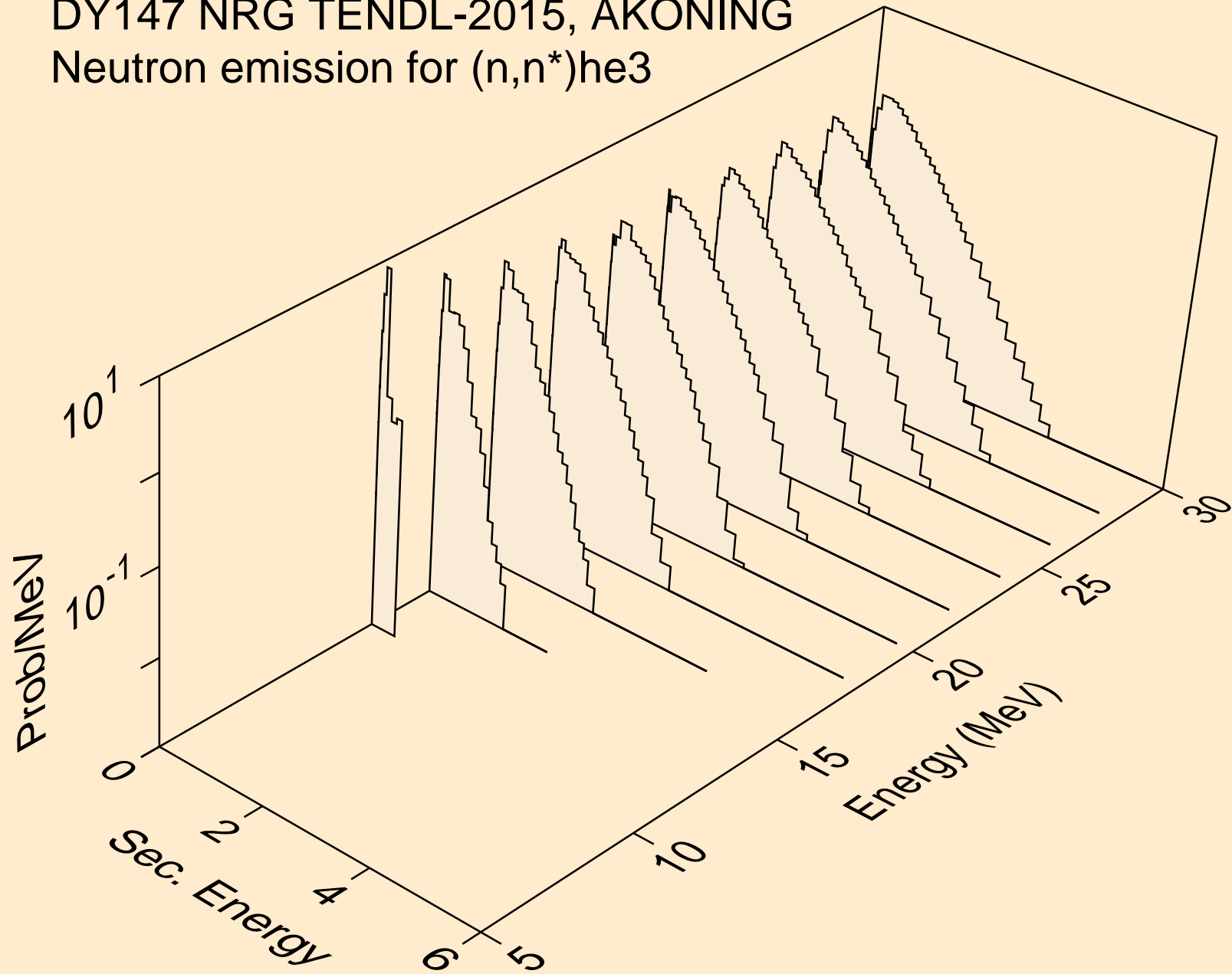
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

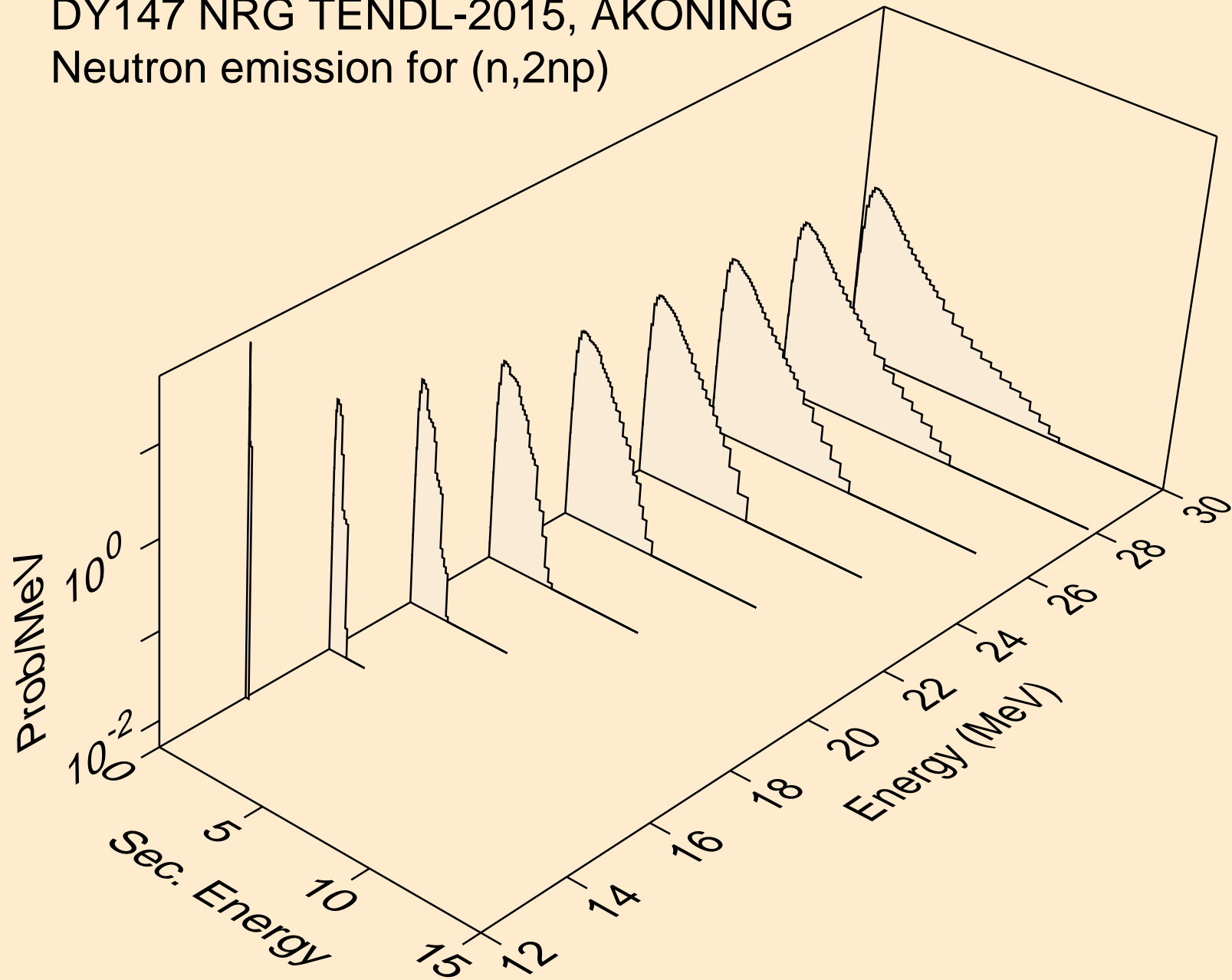


DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

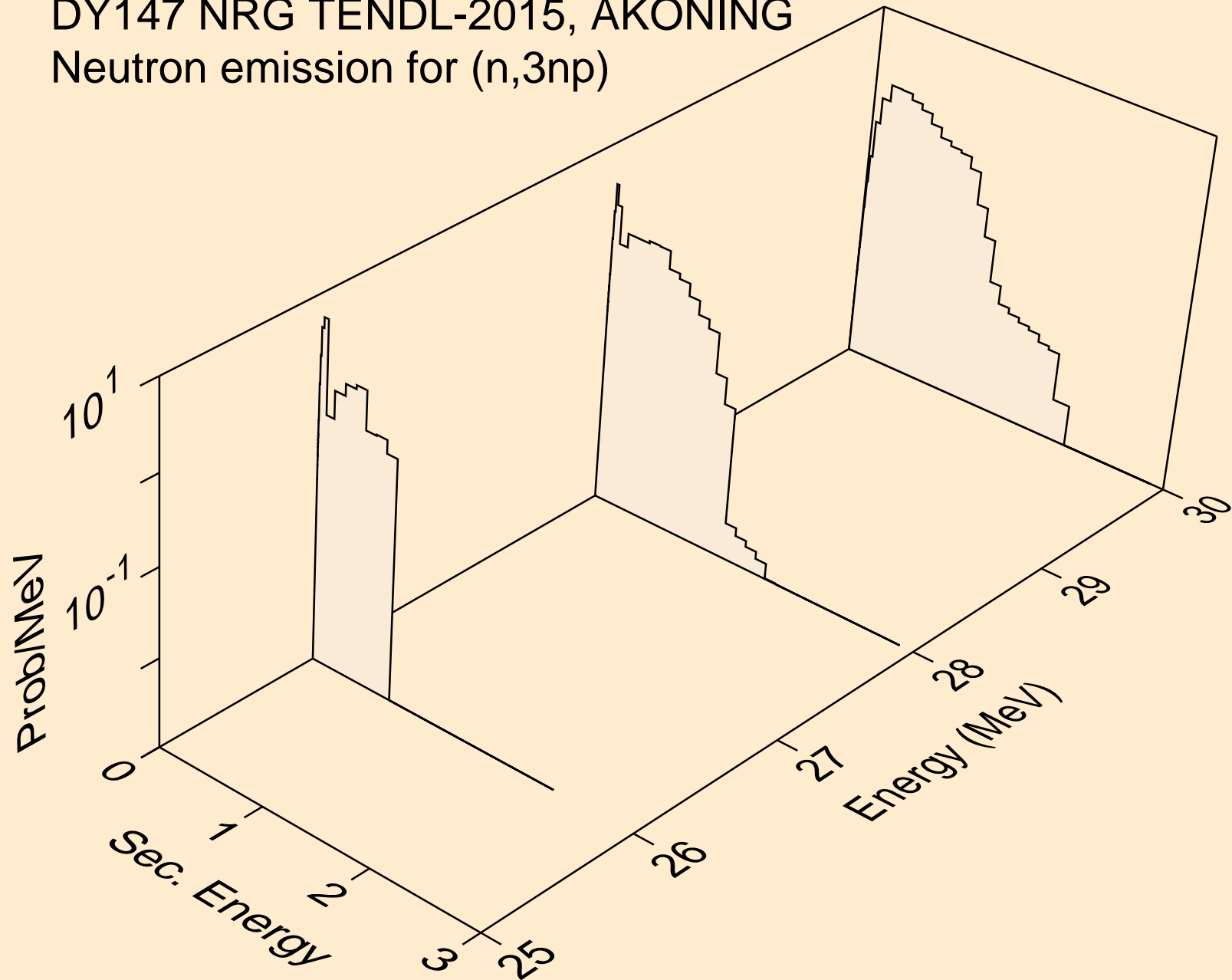




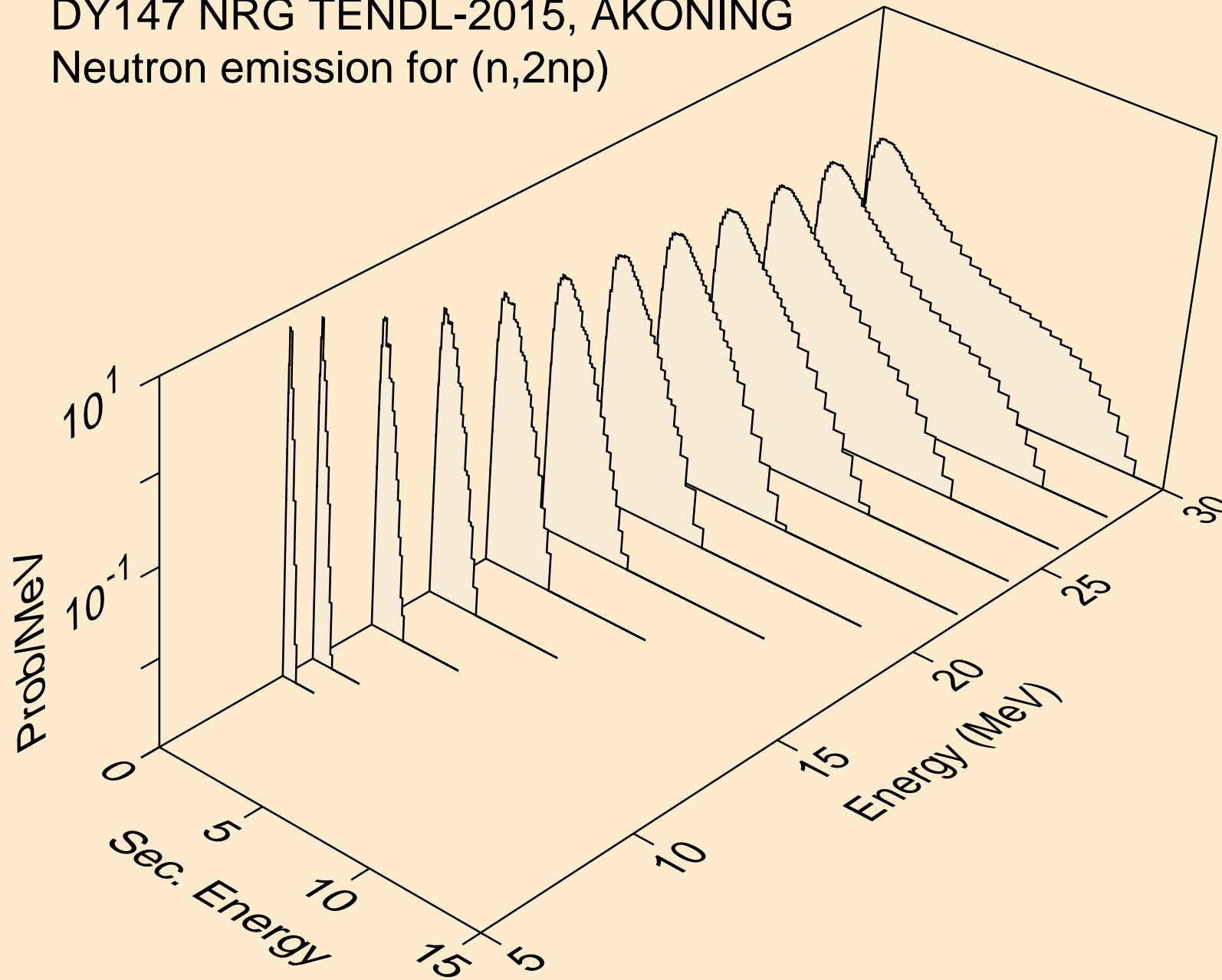
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



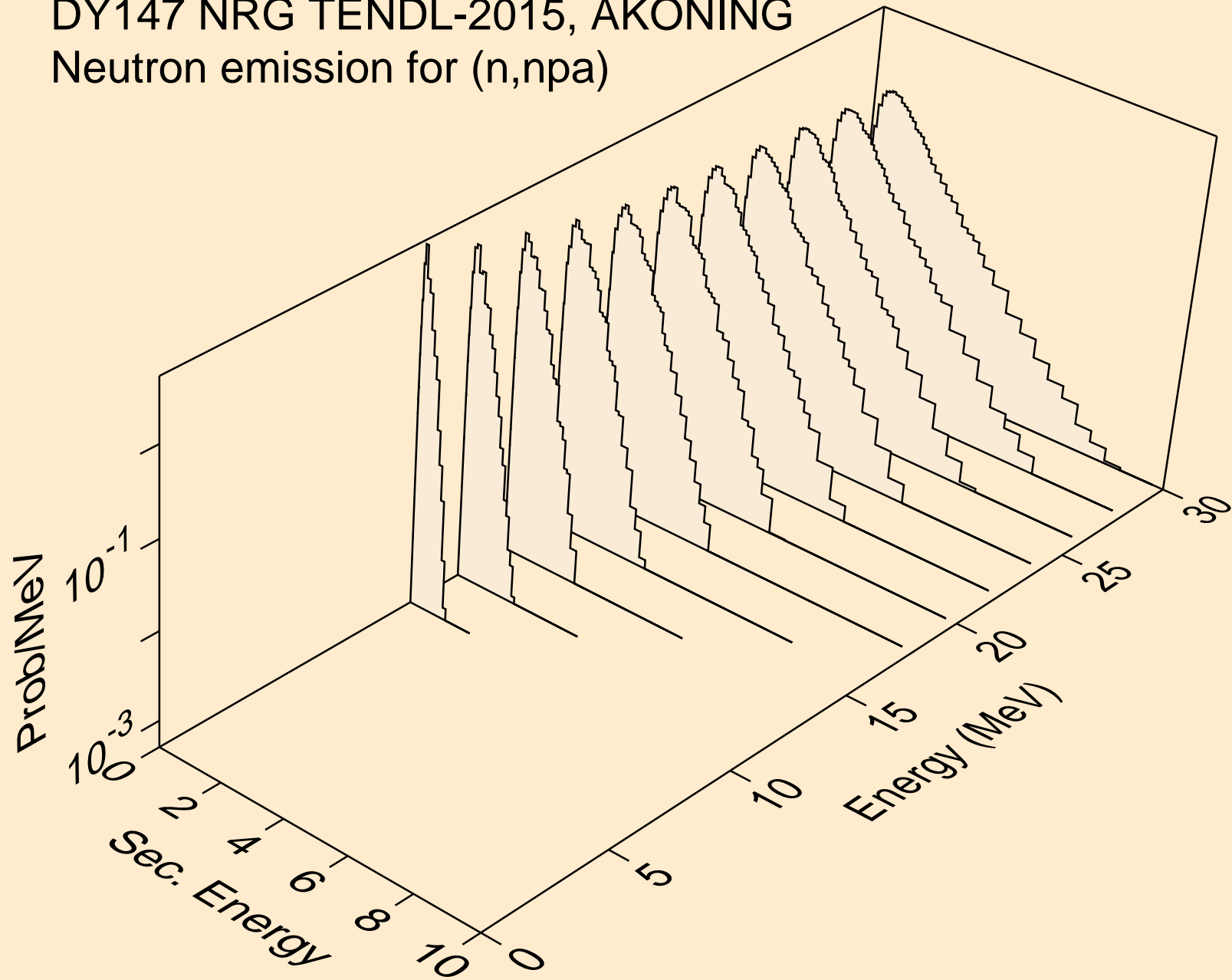
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



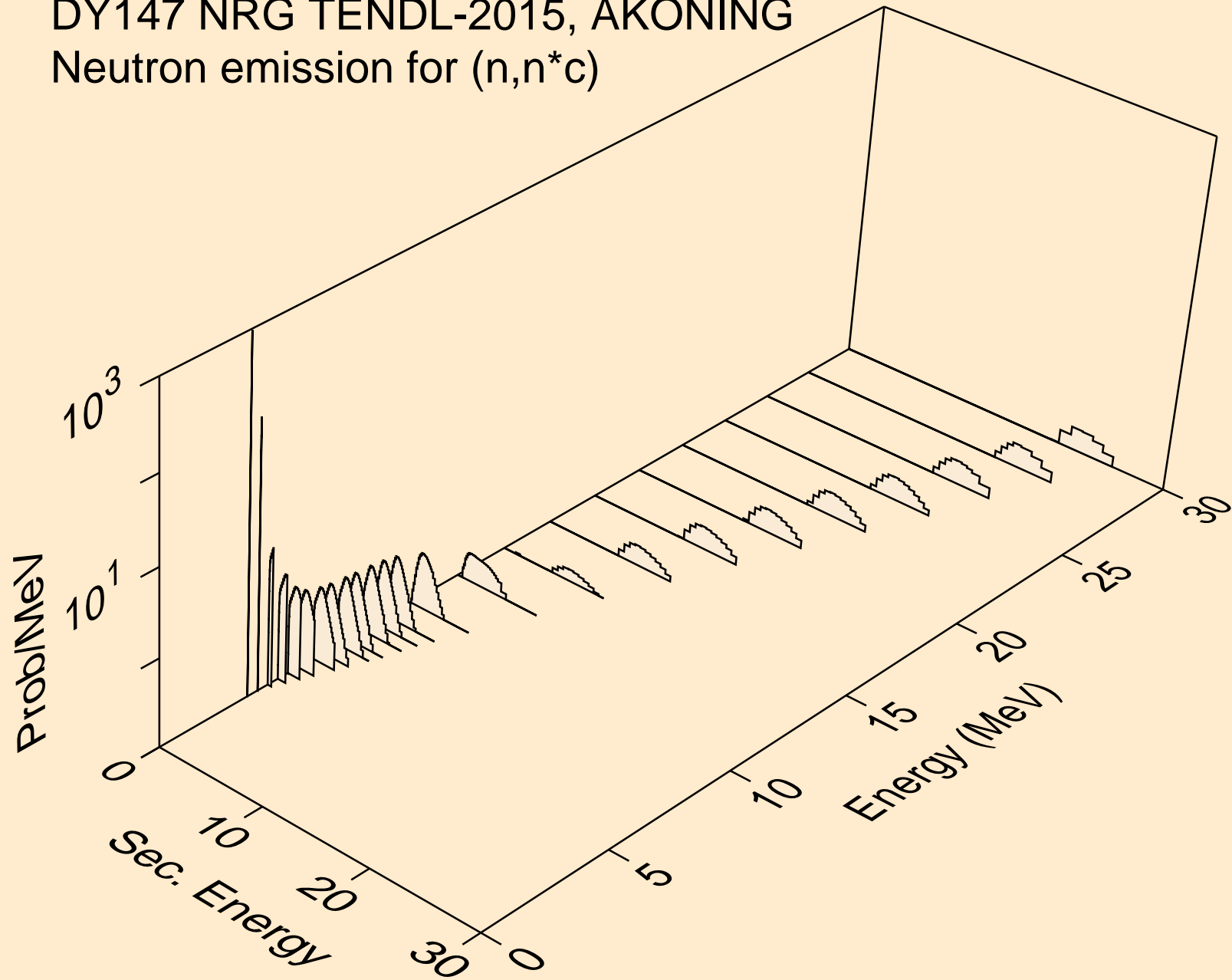
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



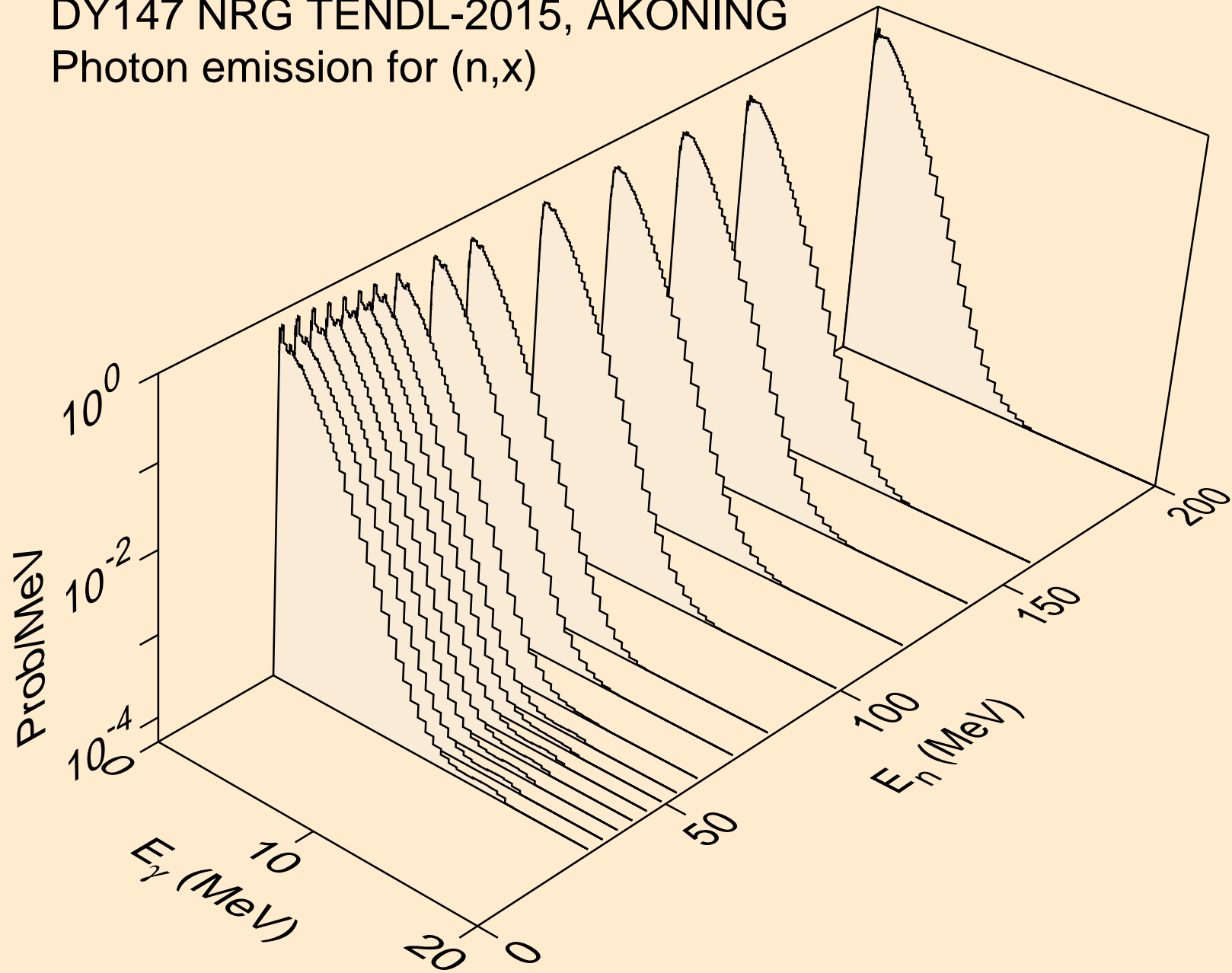
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



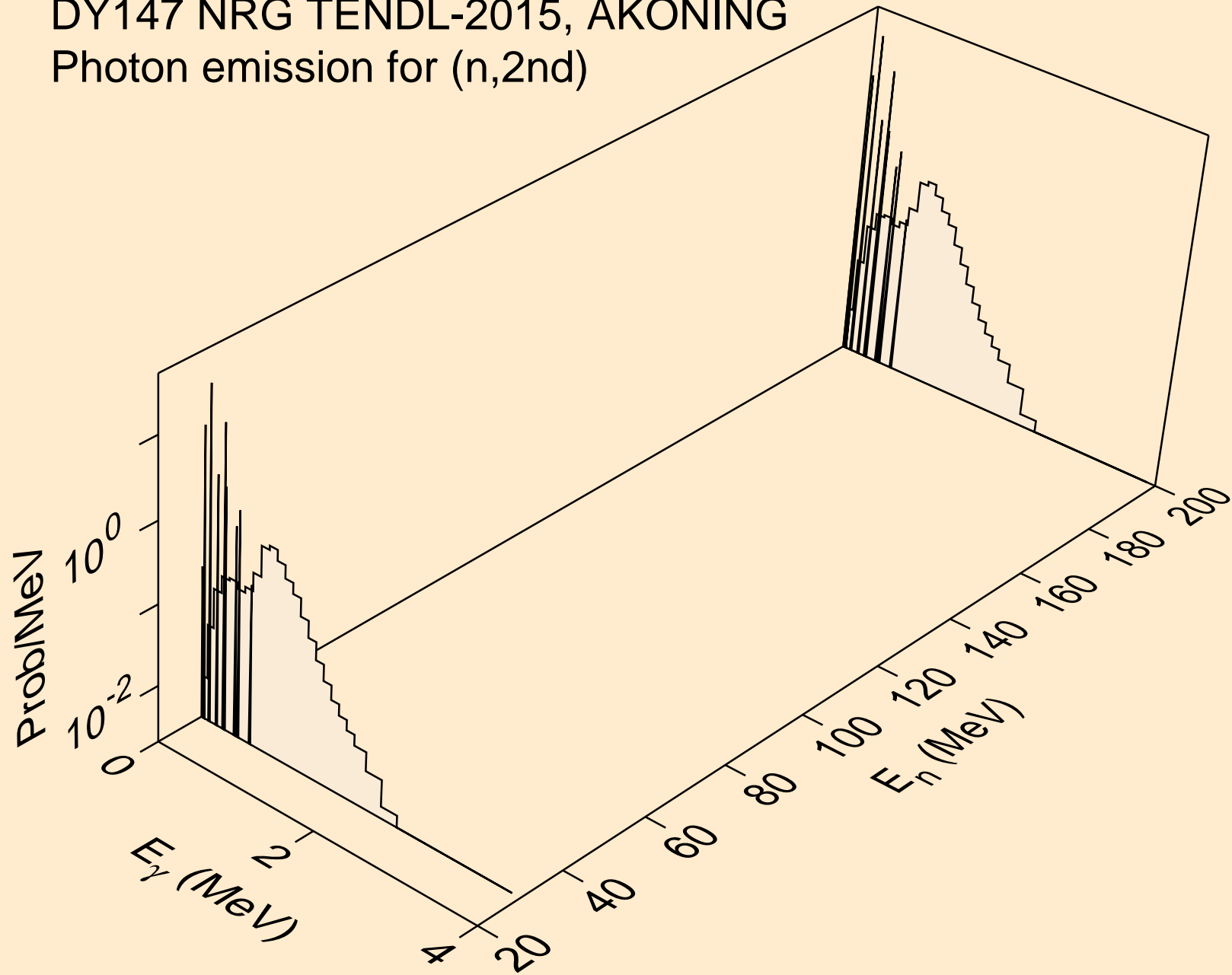
DY147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



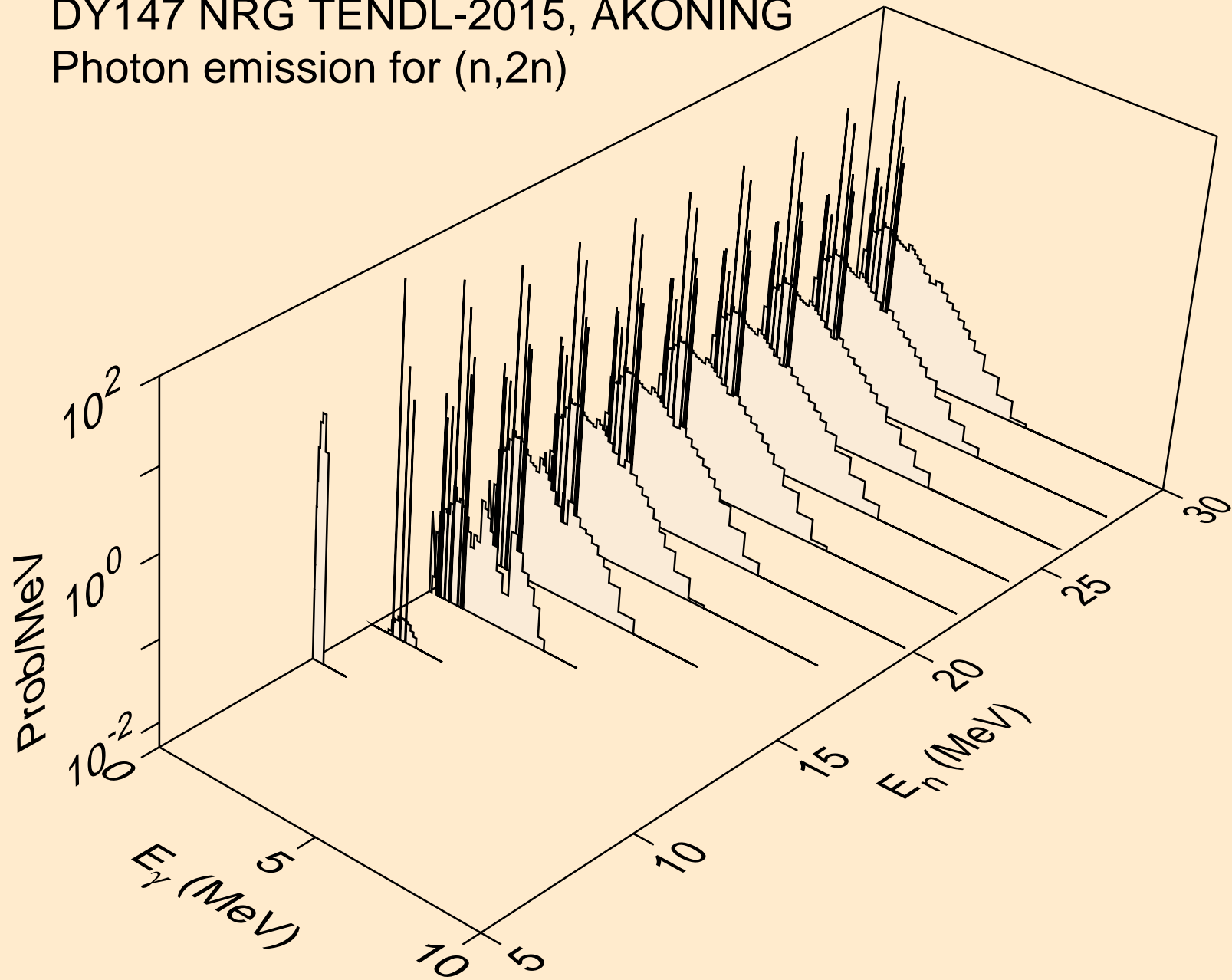
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

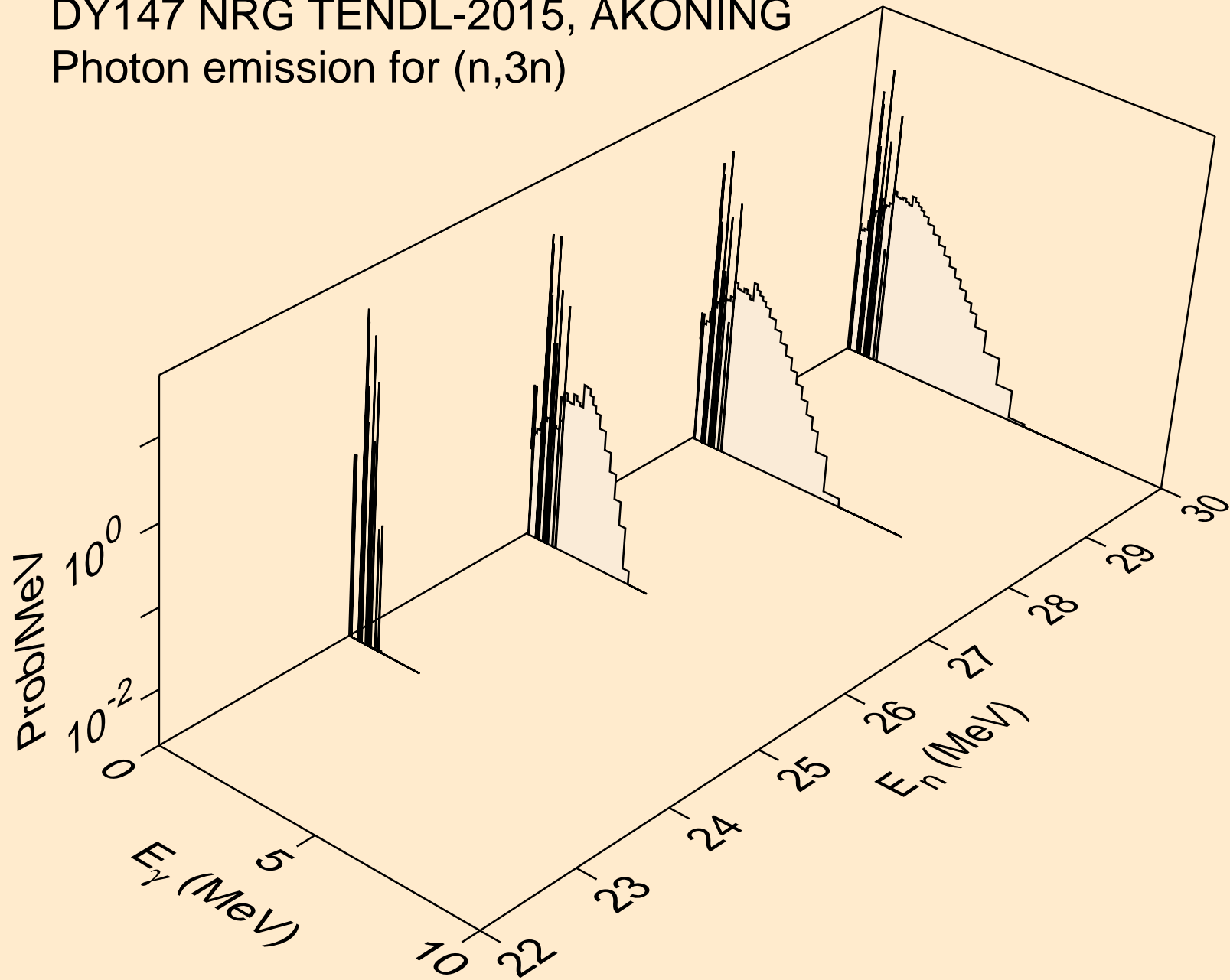


DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

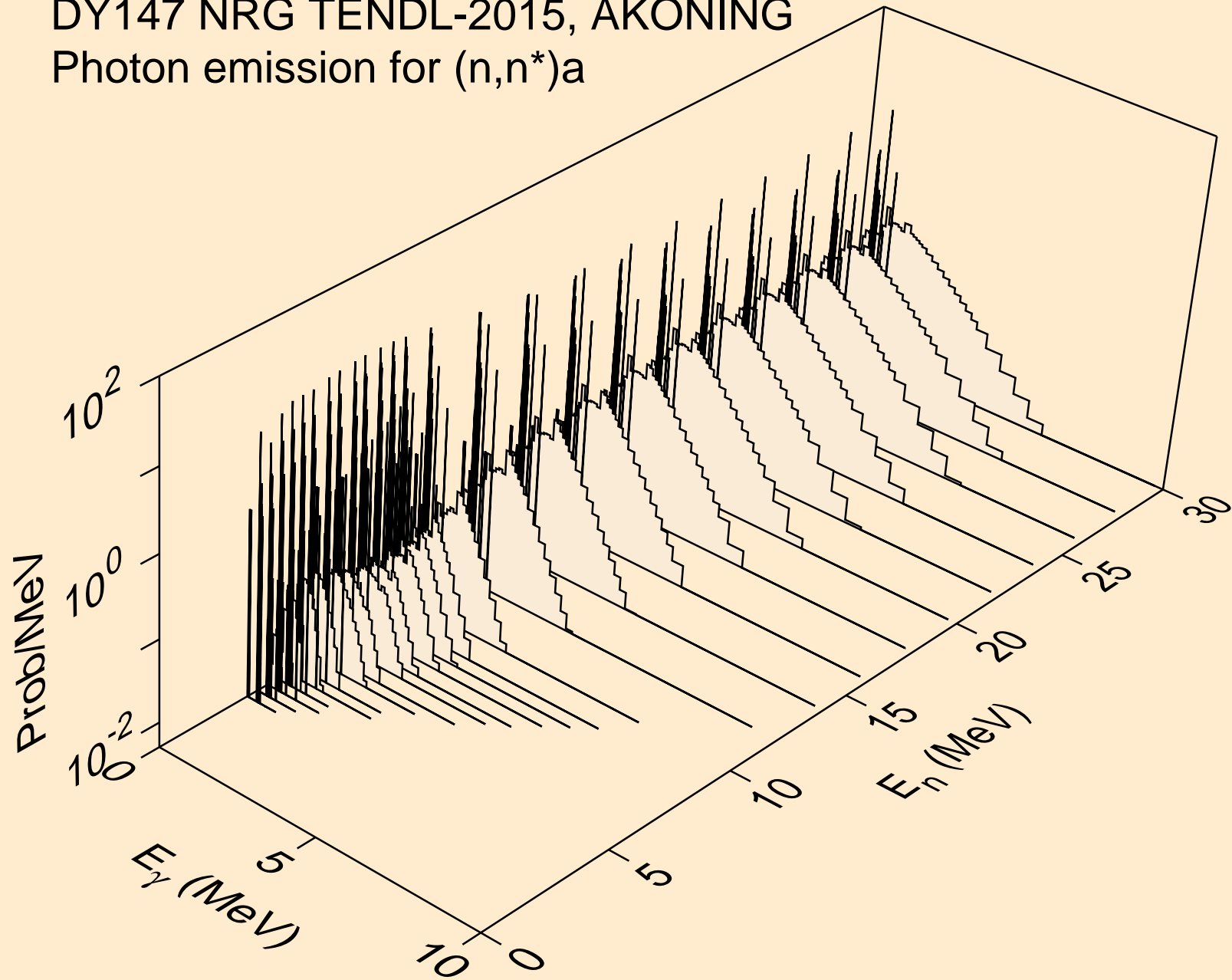




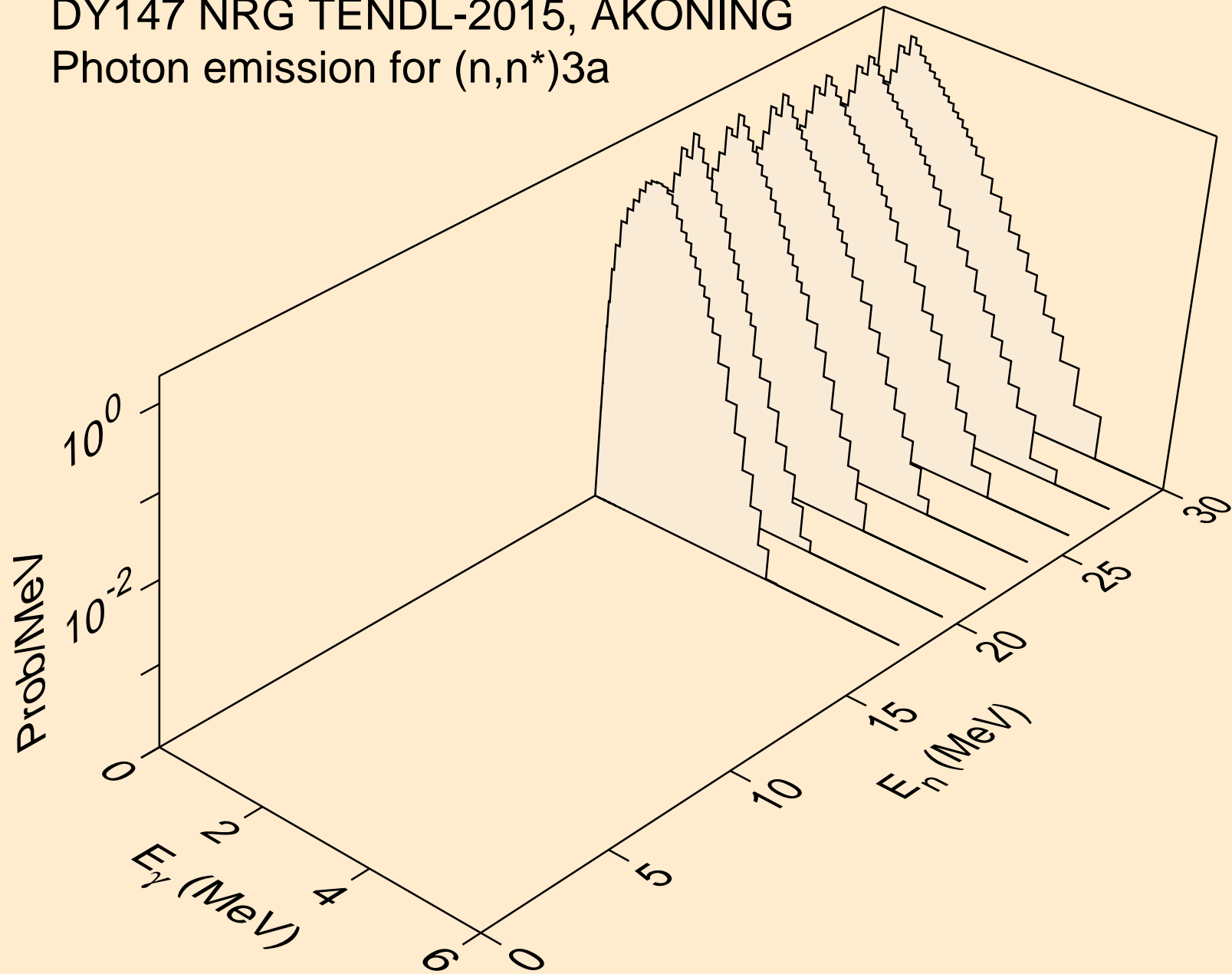
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



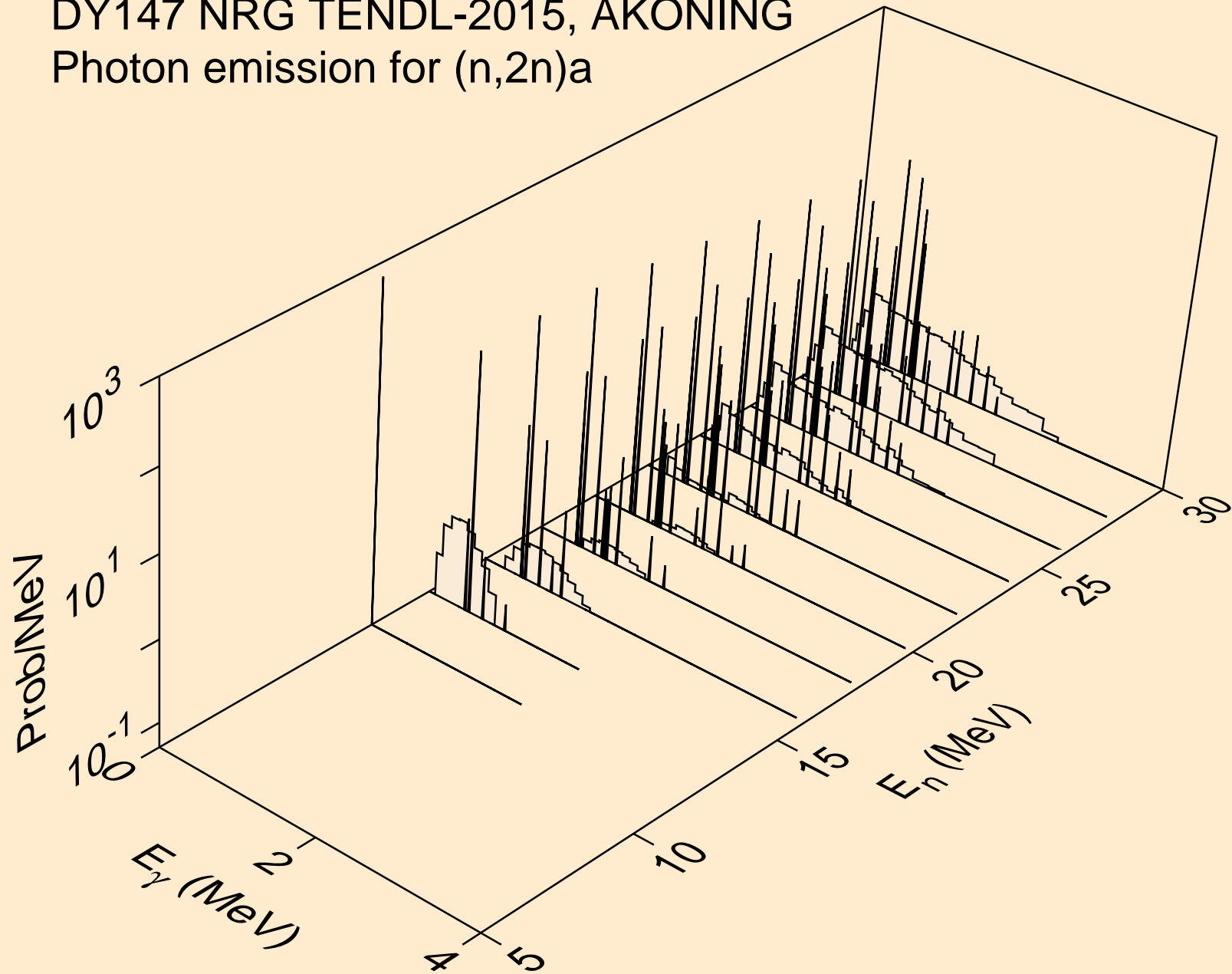
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



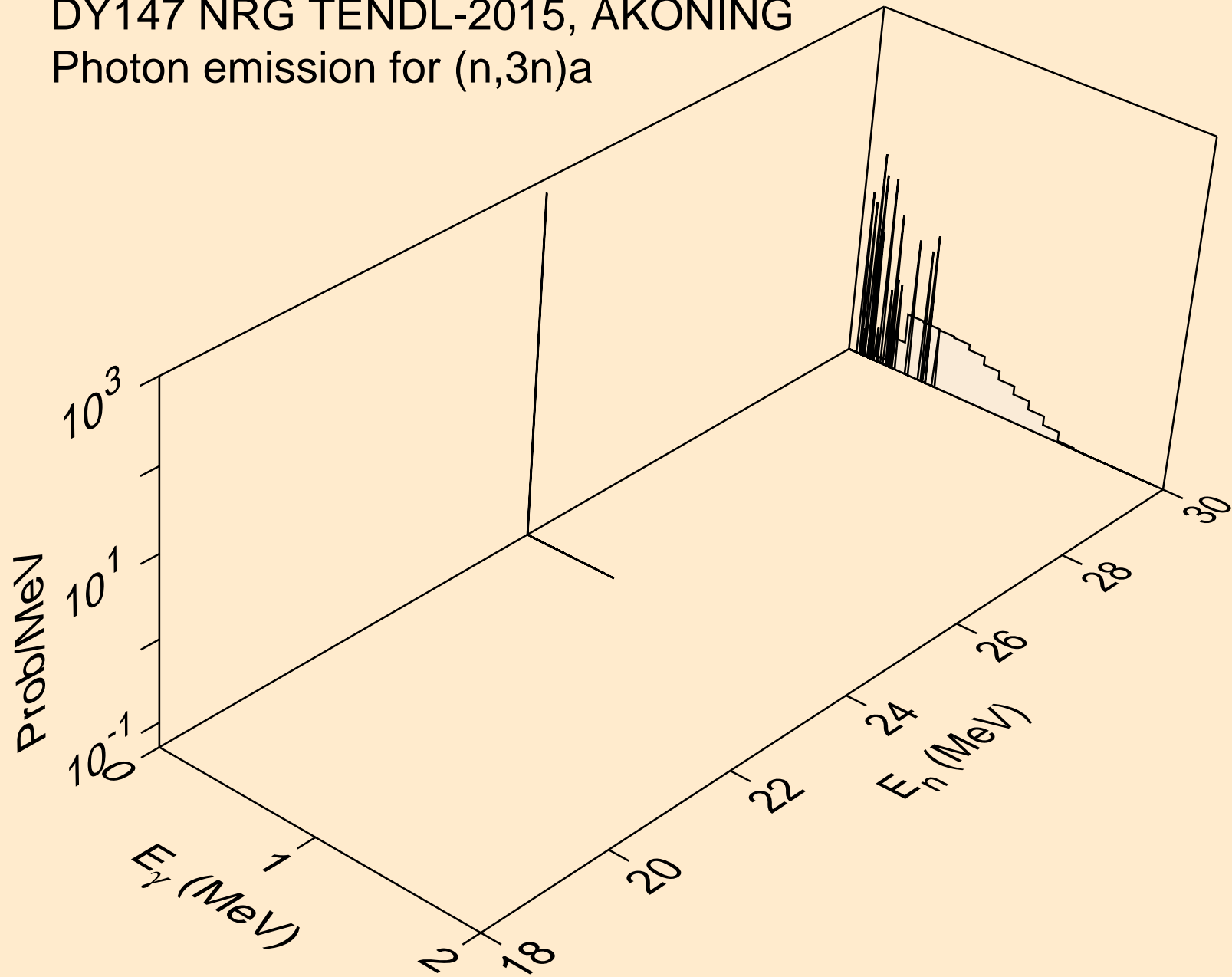
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



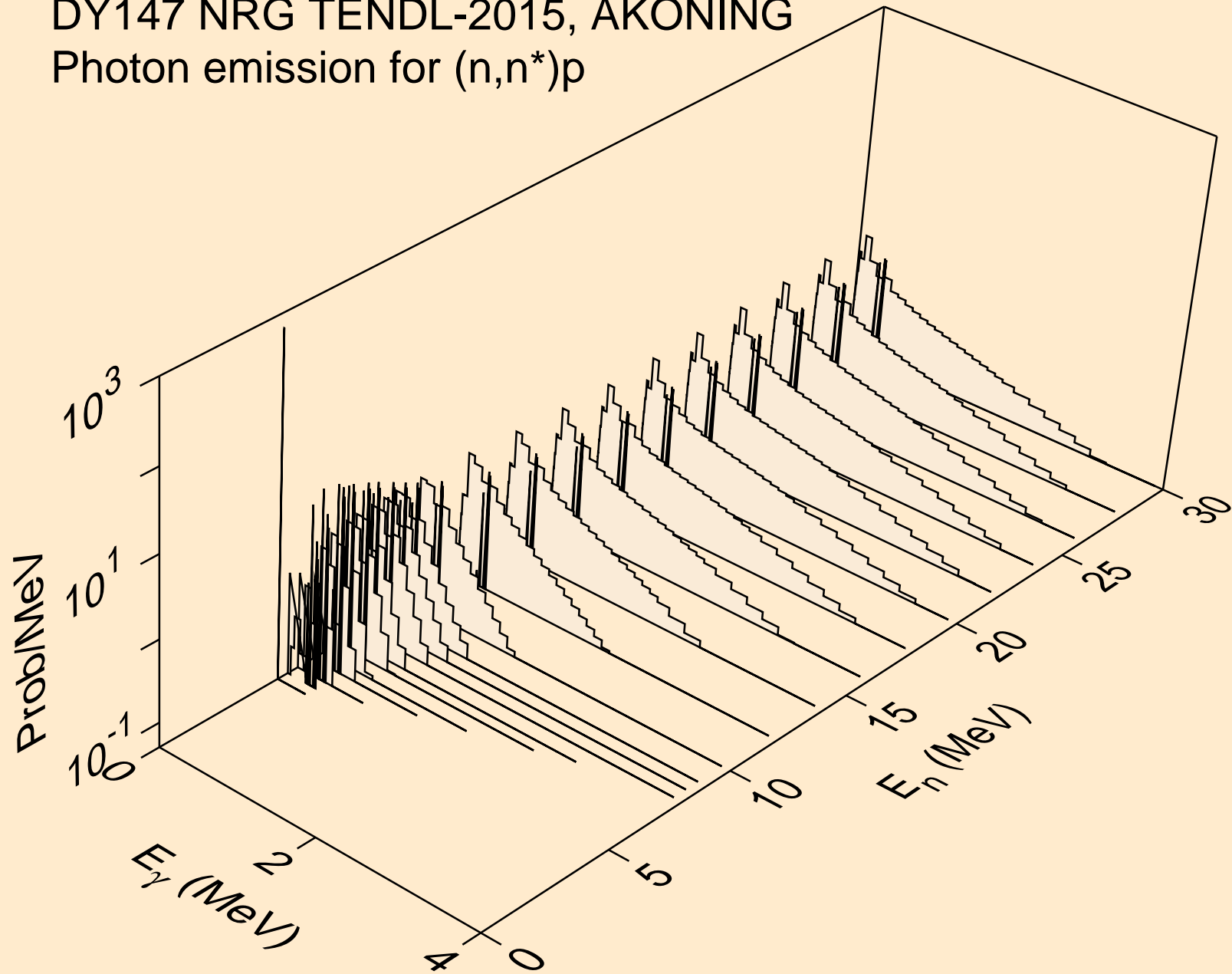
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



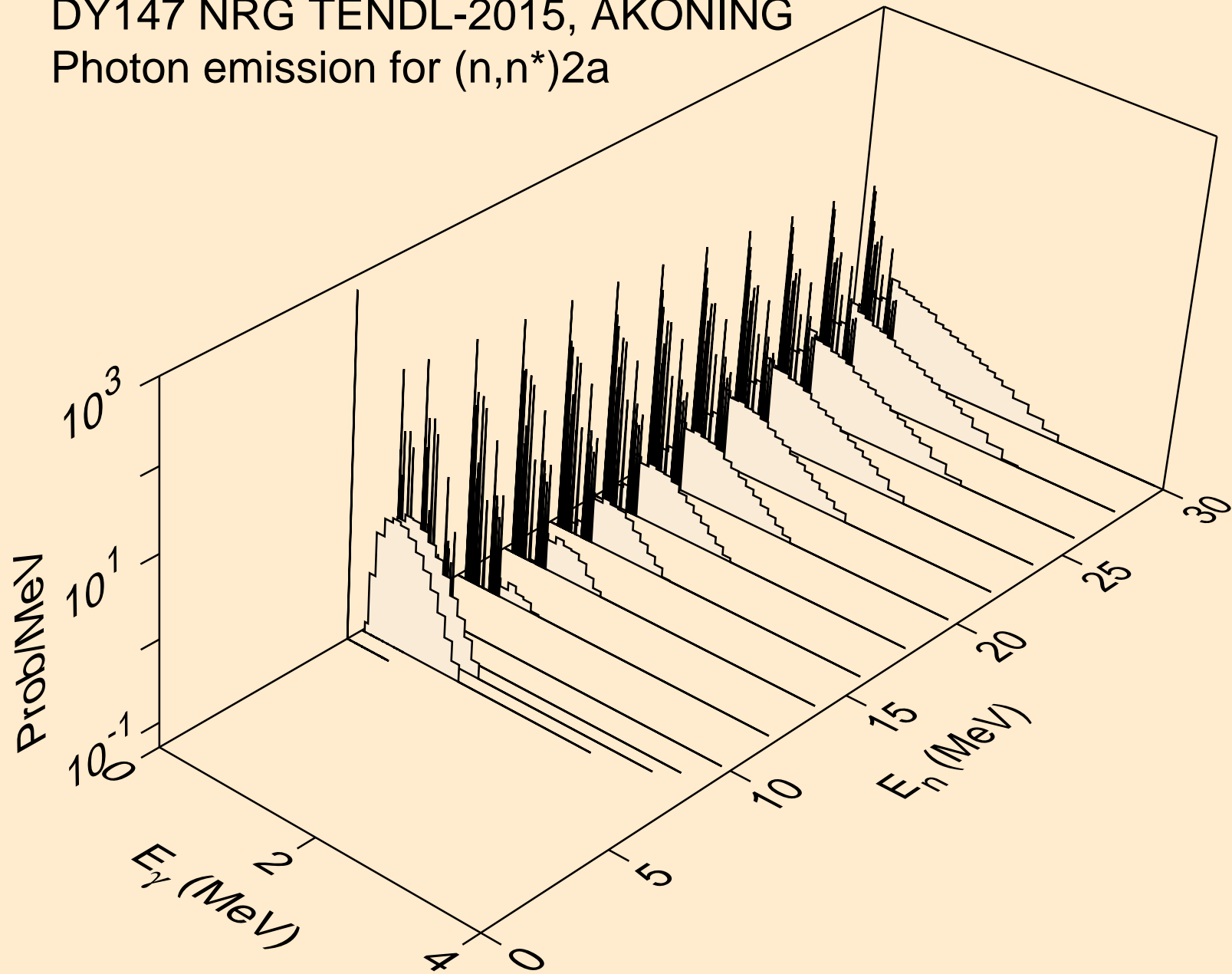
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



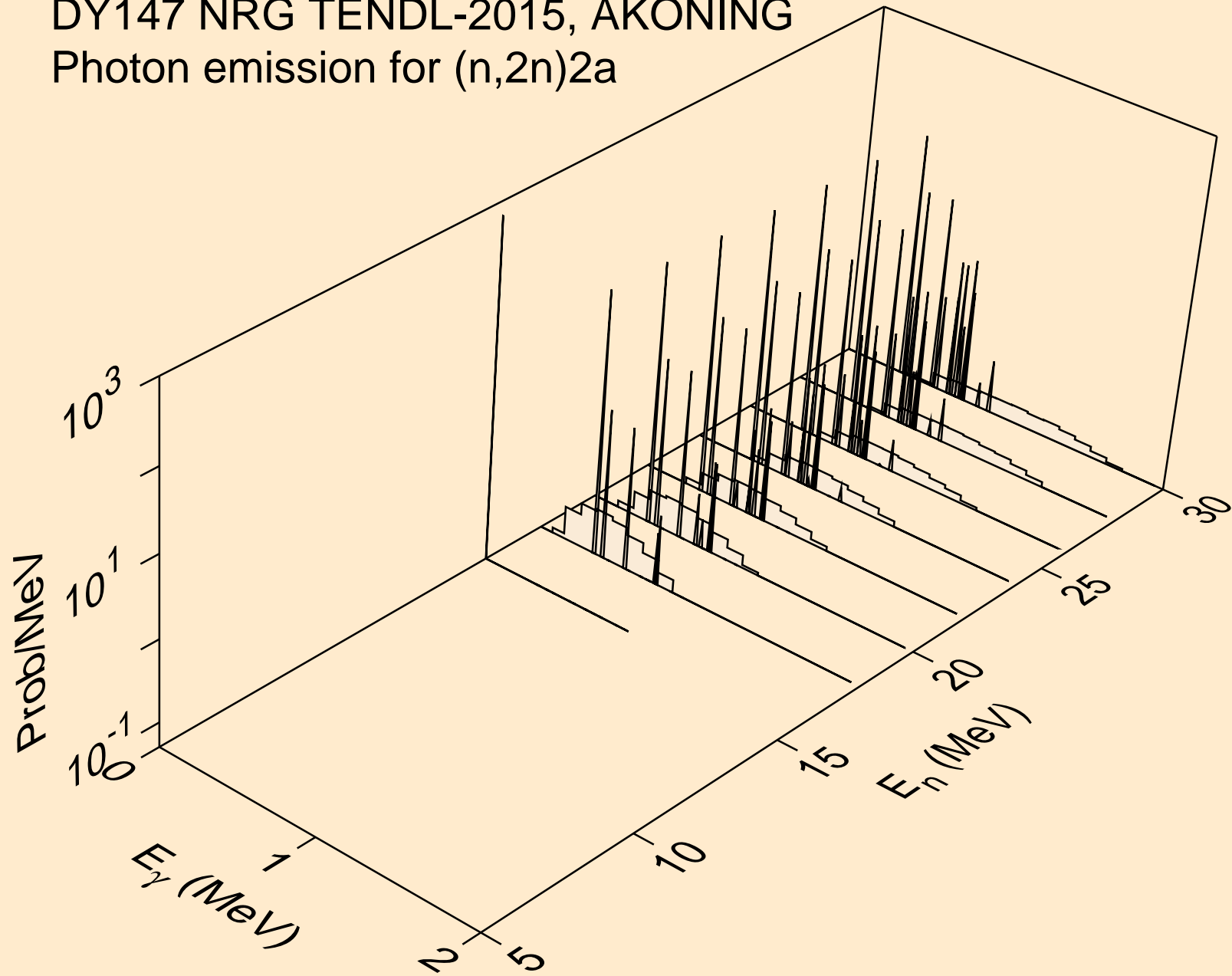
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

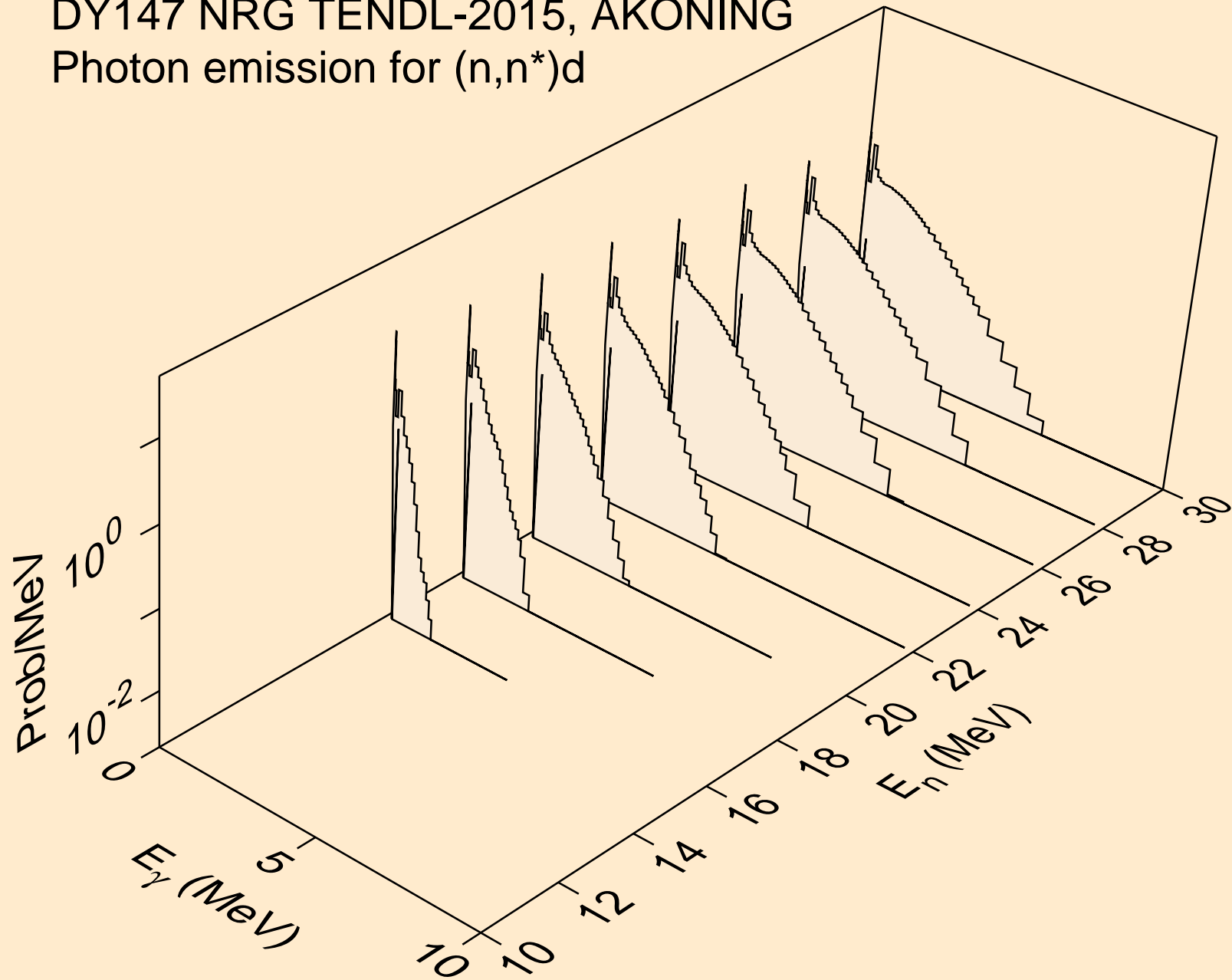


DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

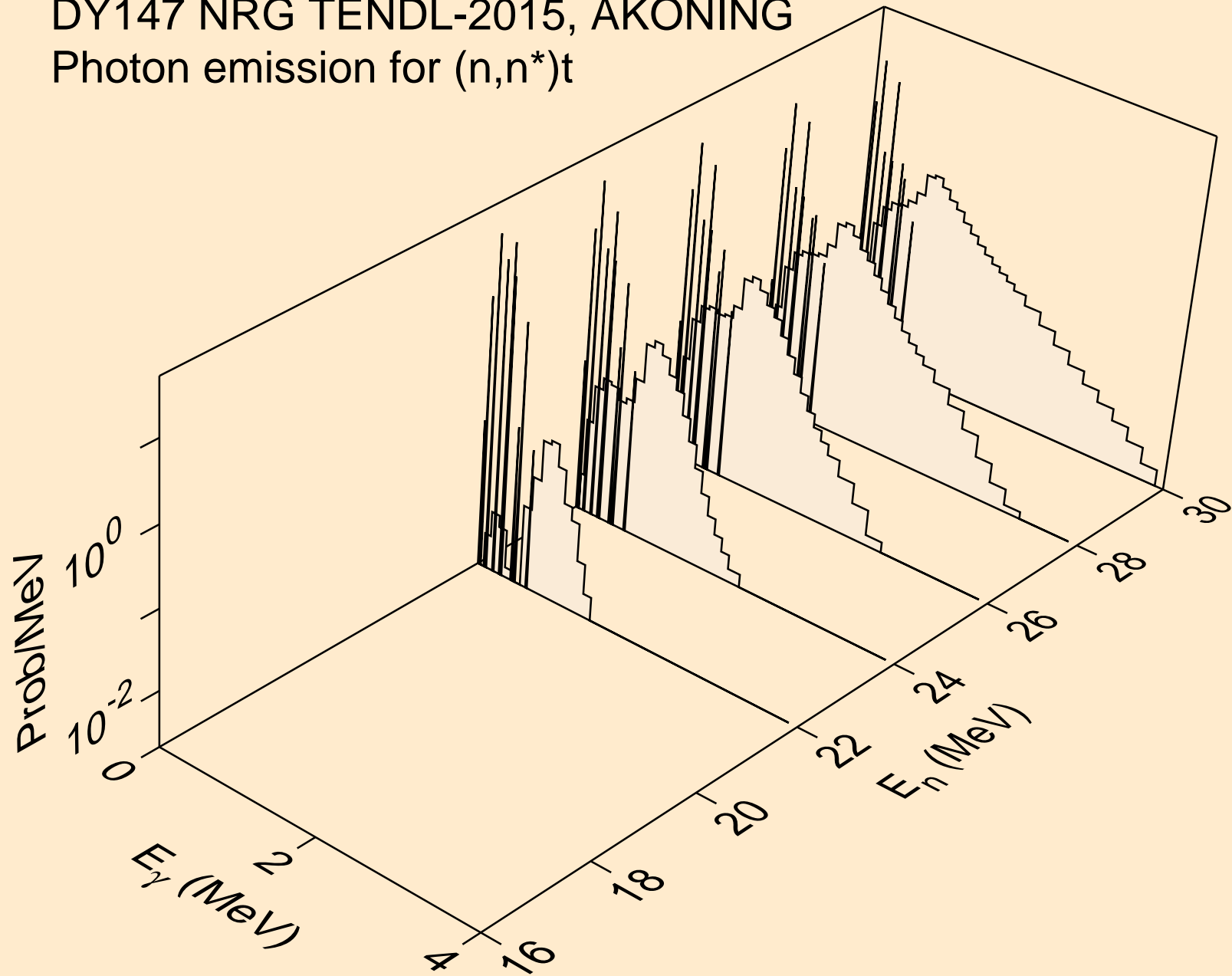




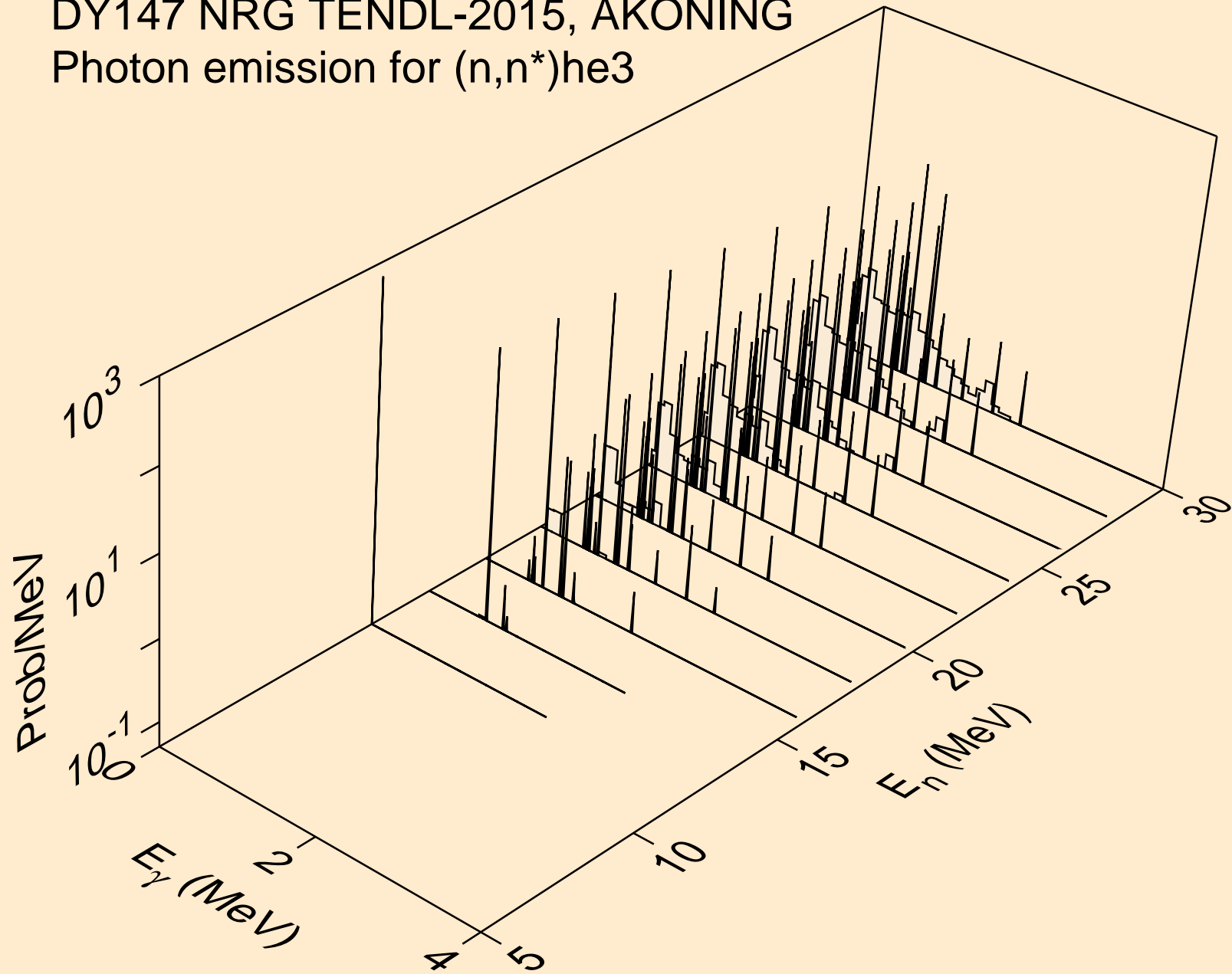
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



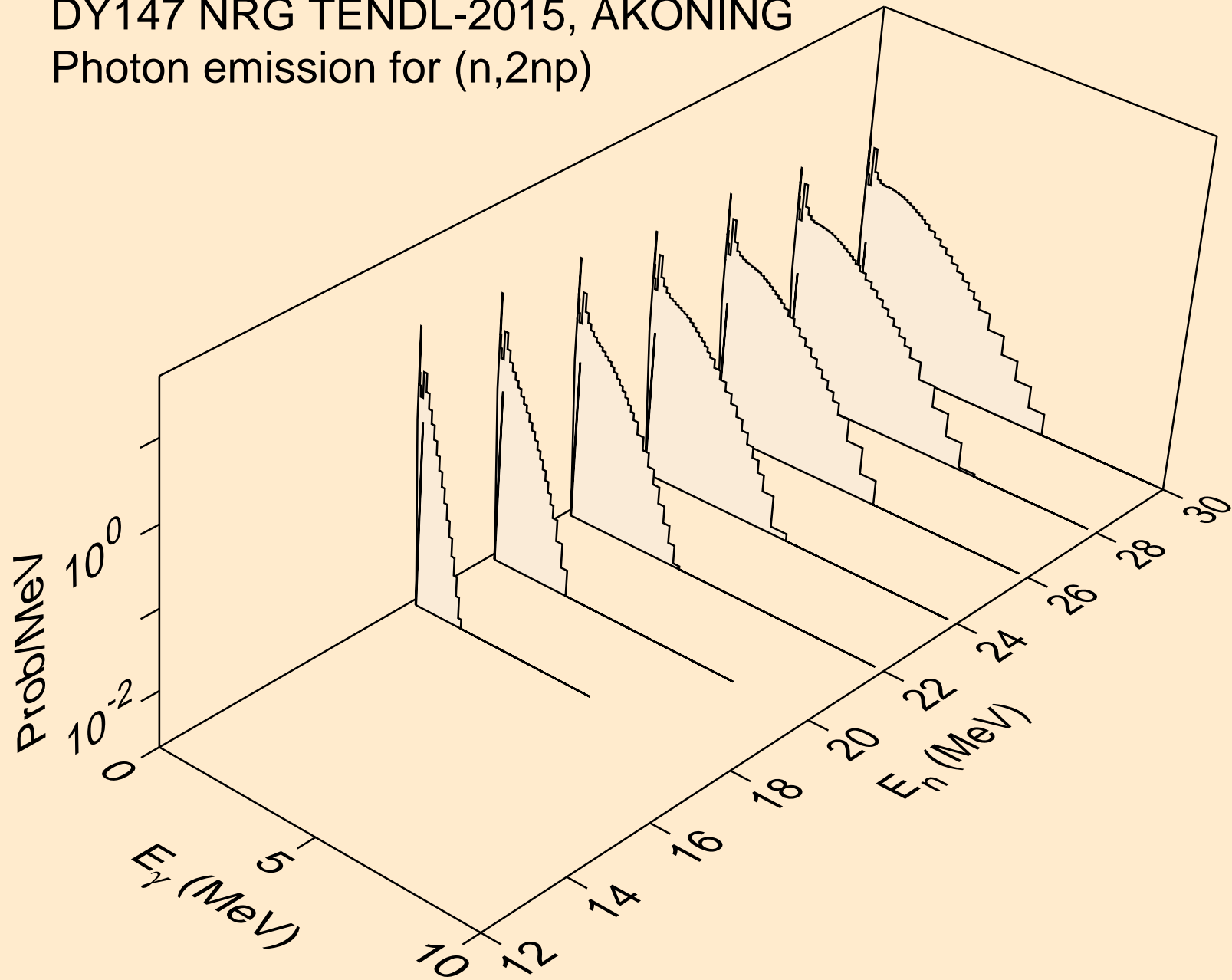
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



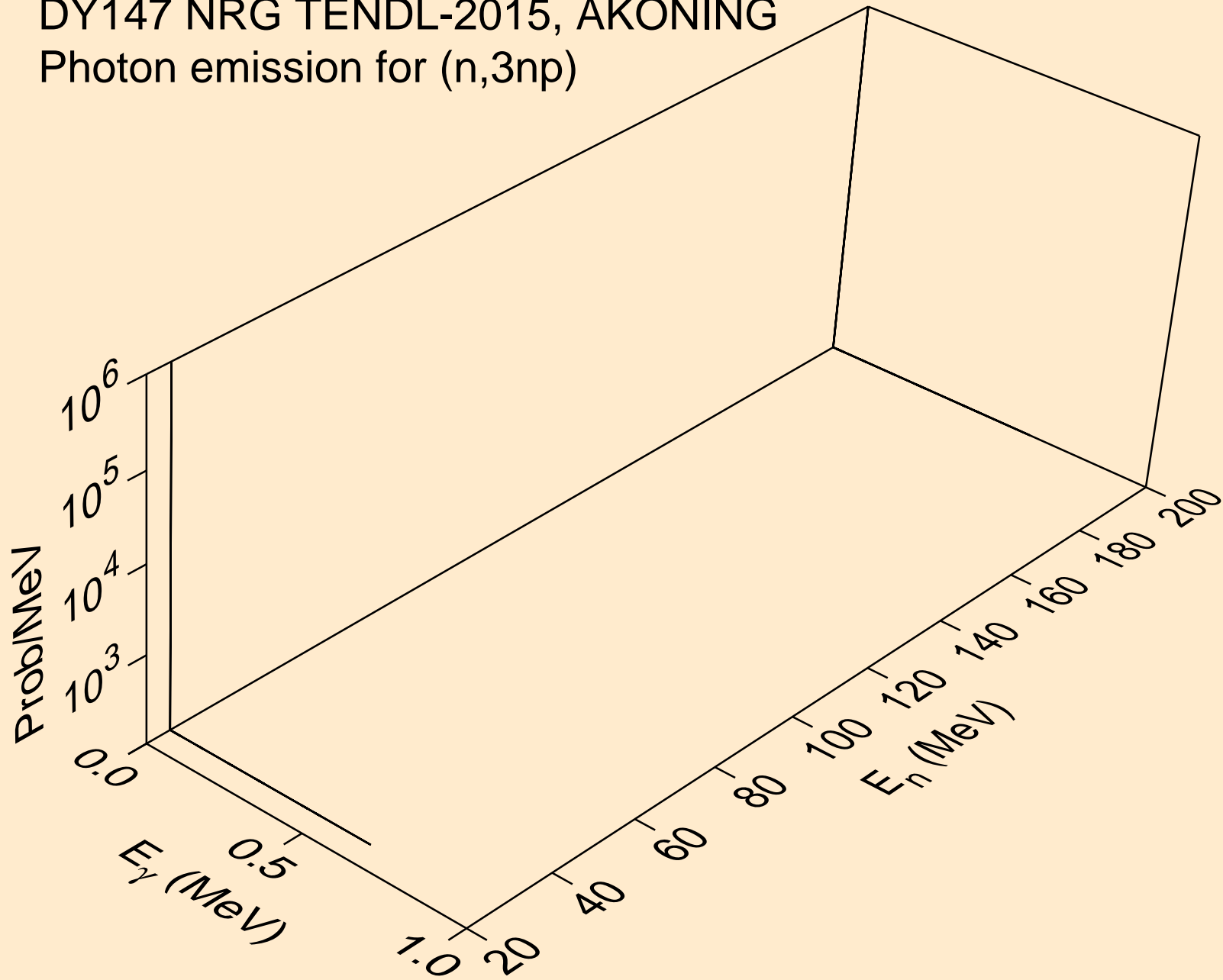
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



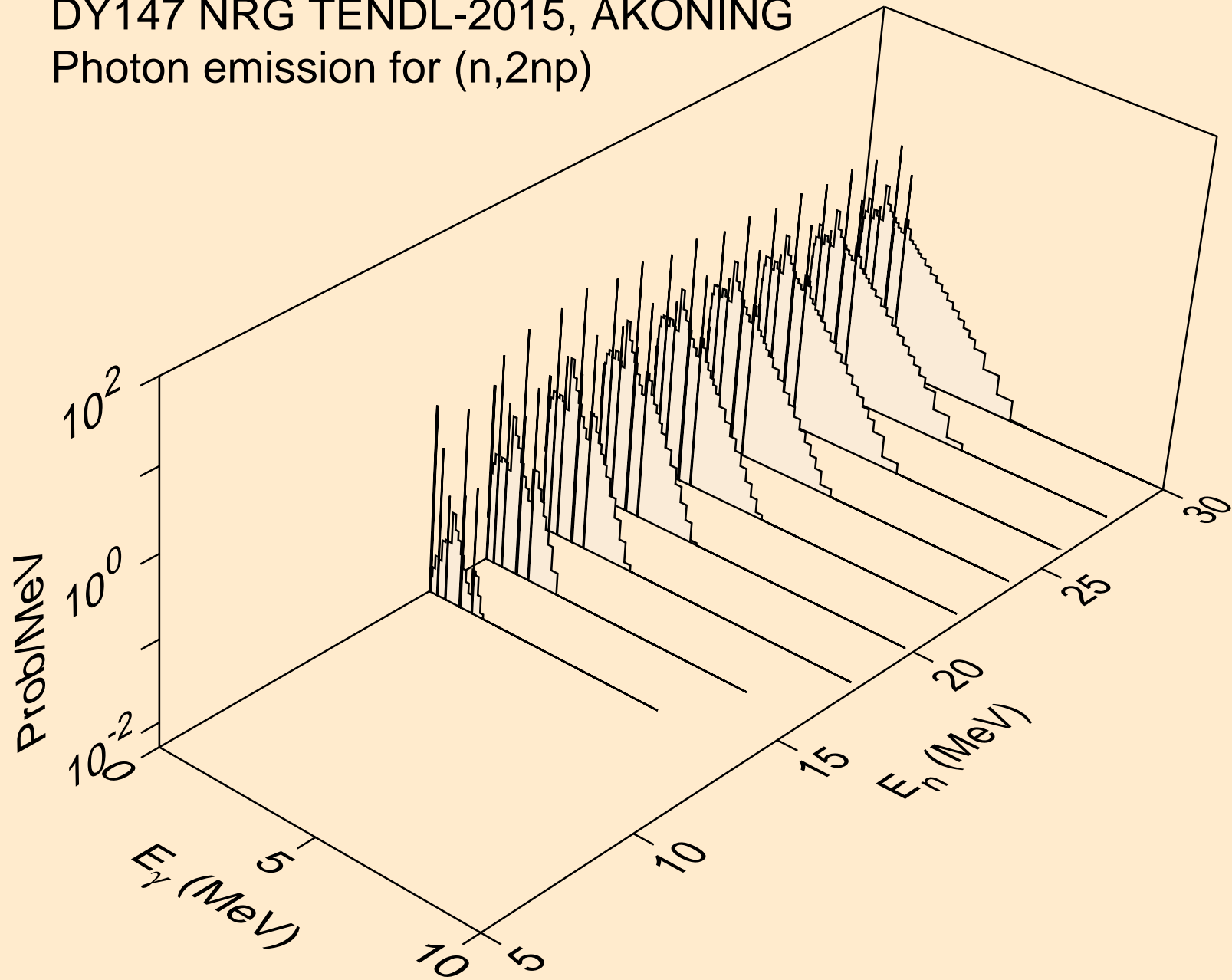
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



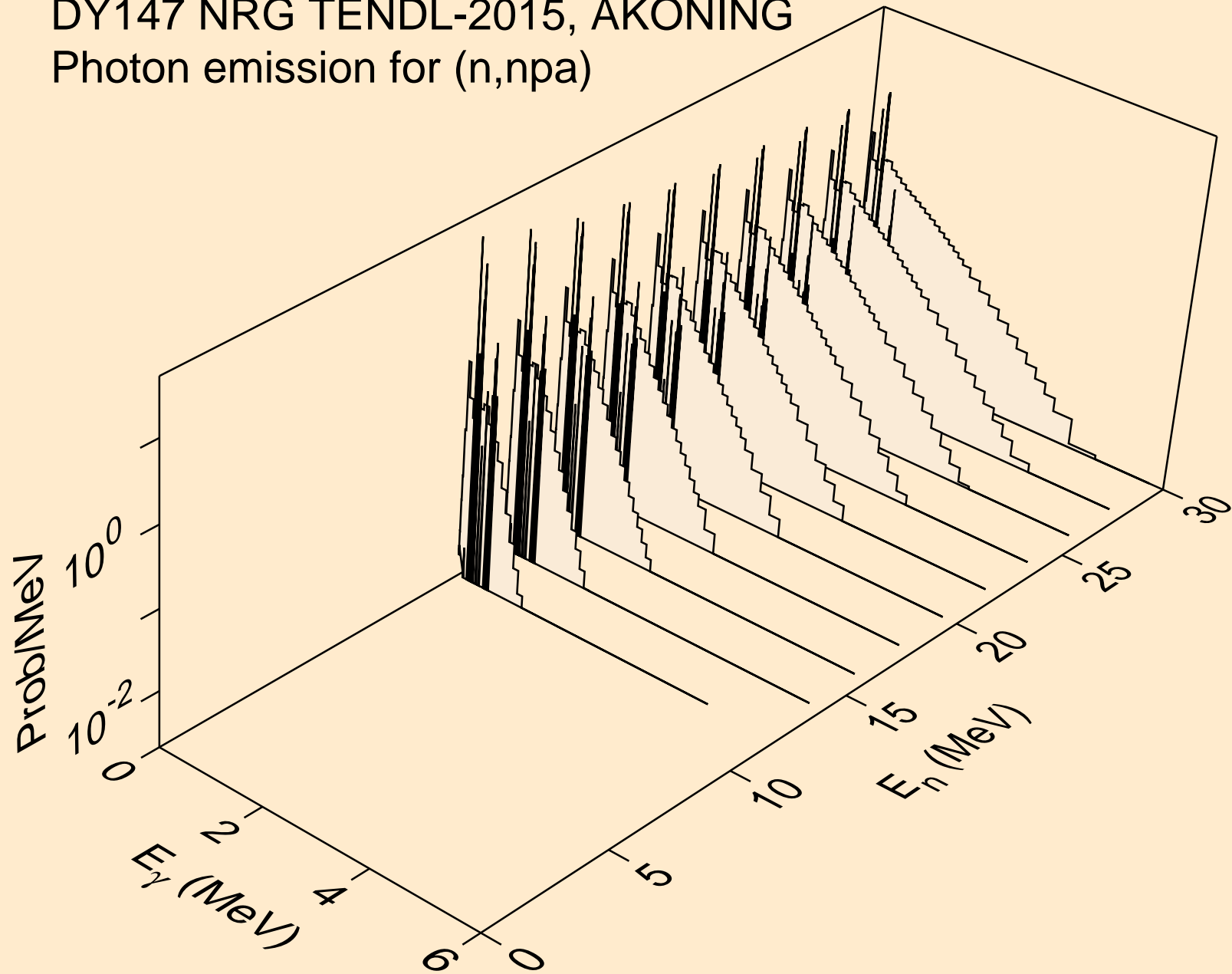
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



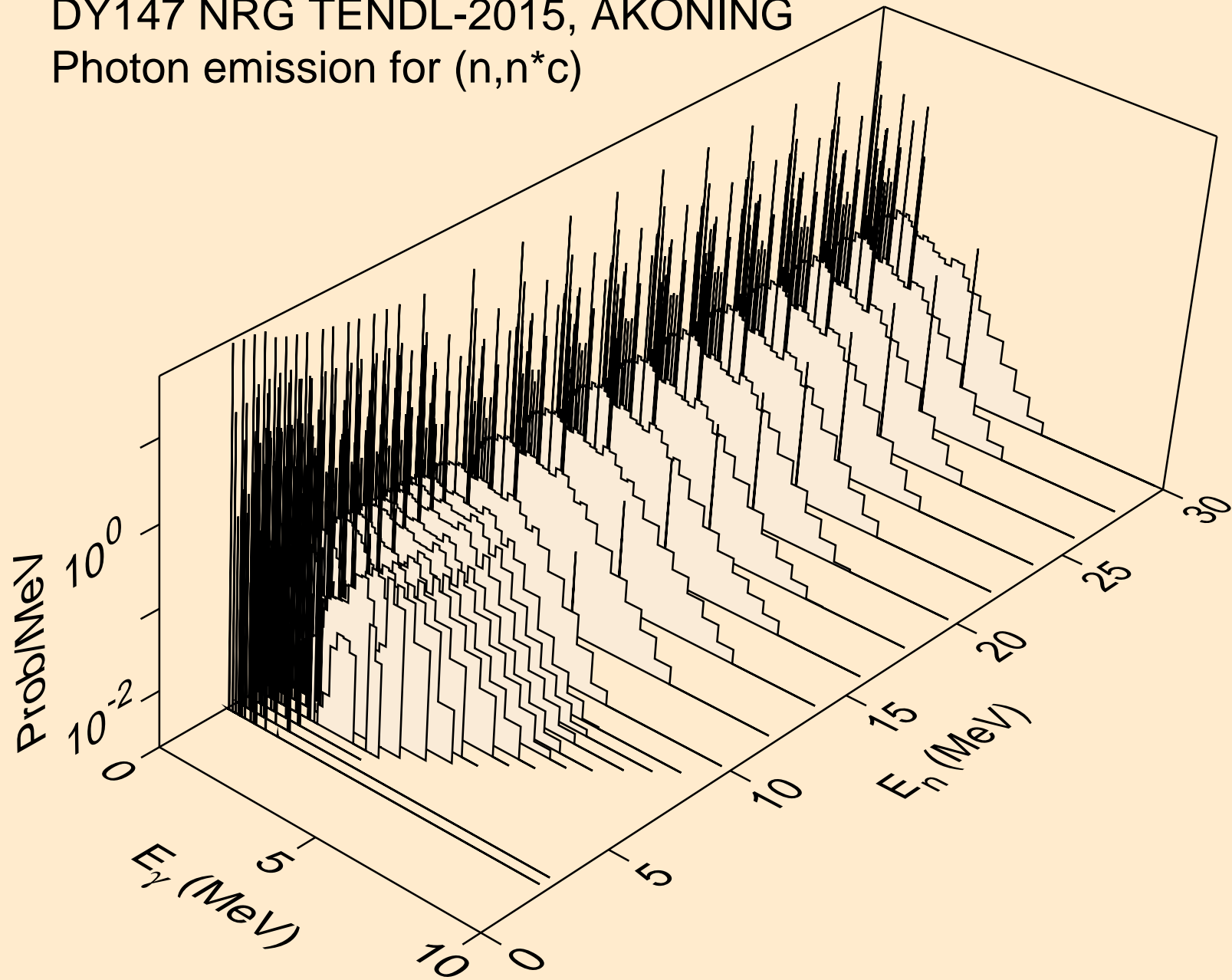
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

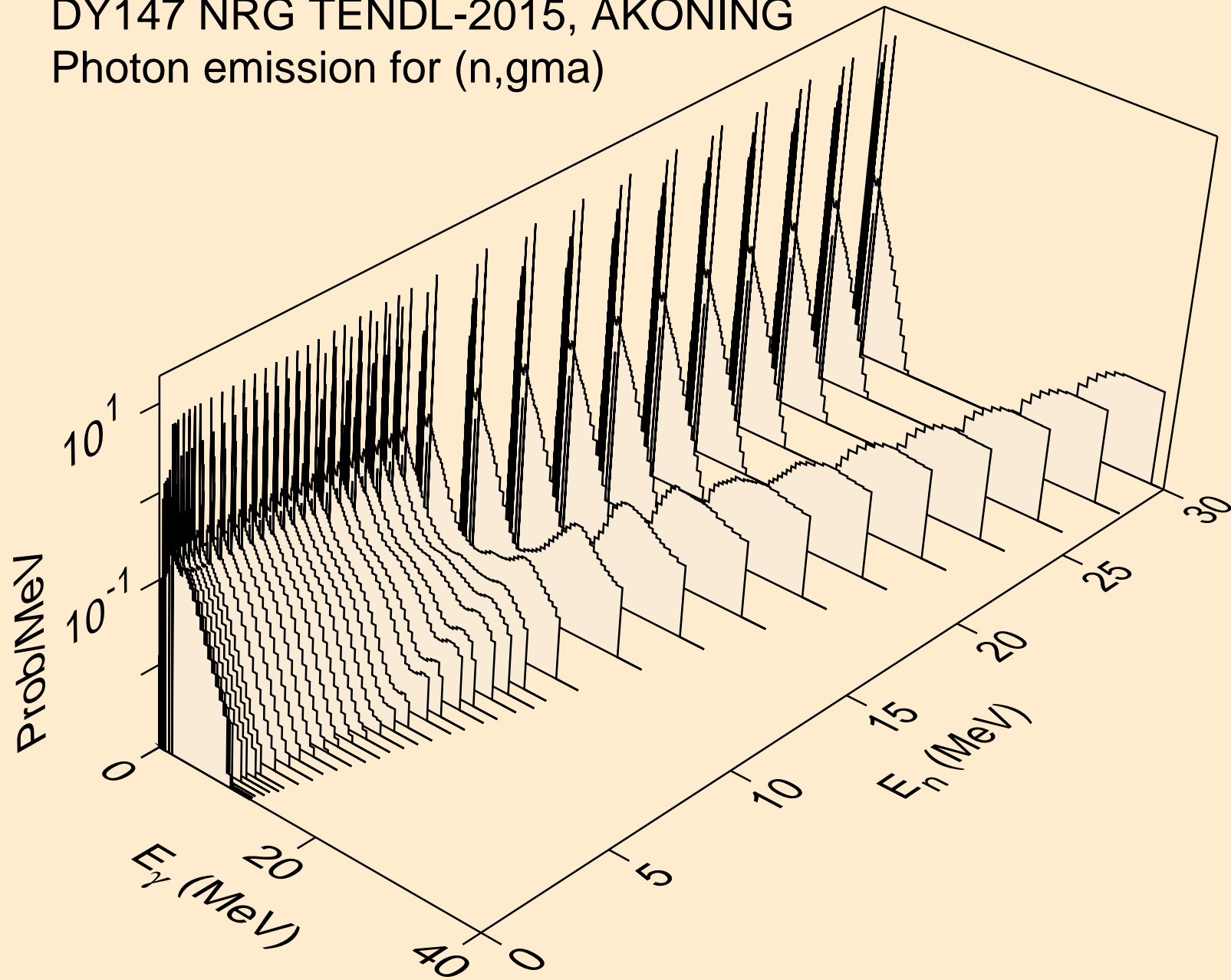


DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

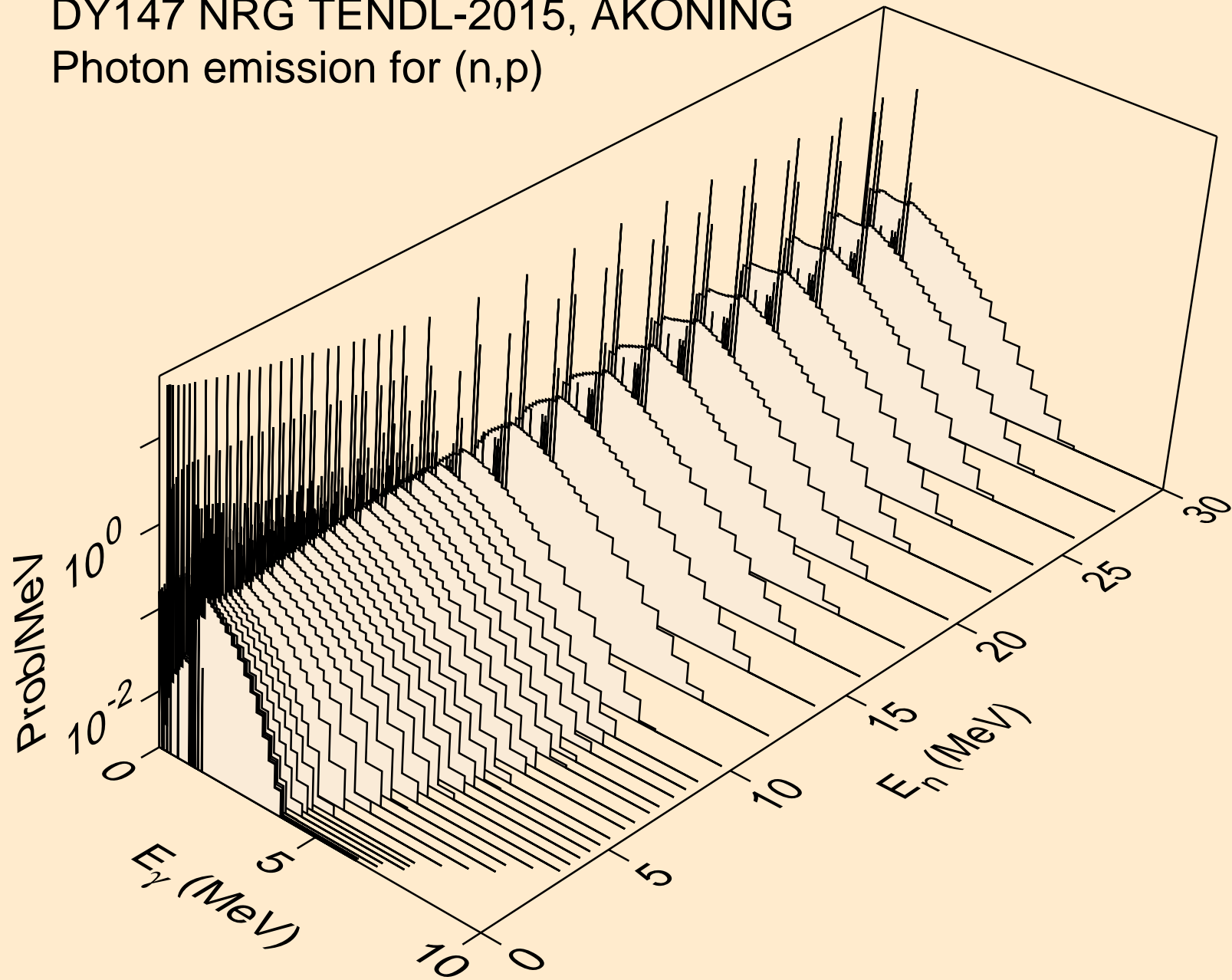




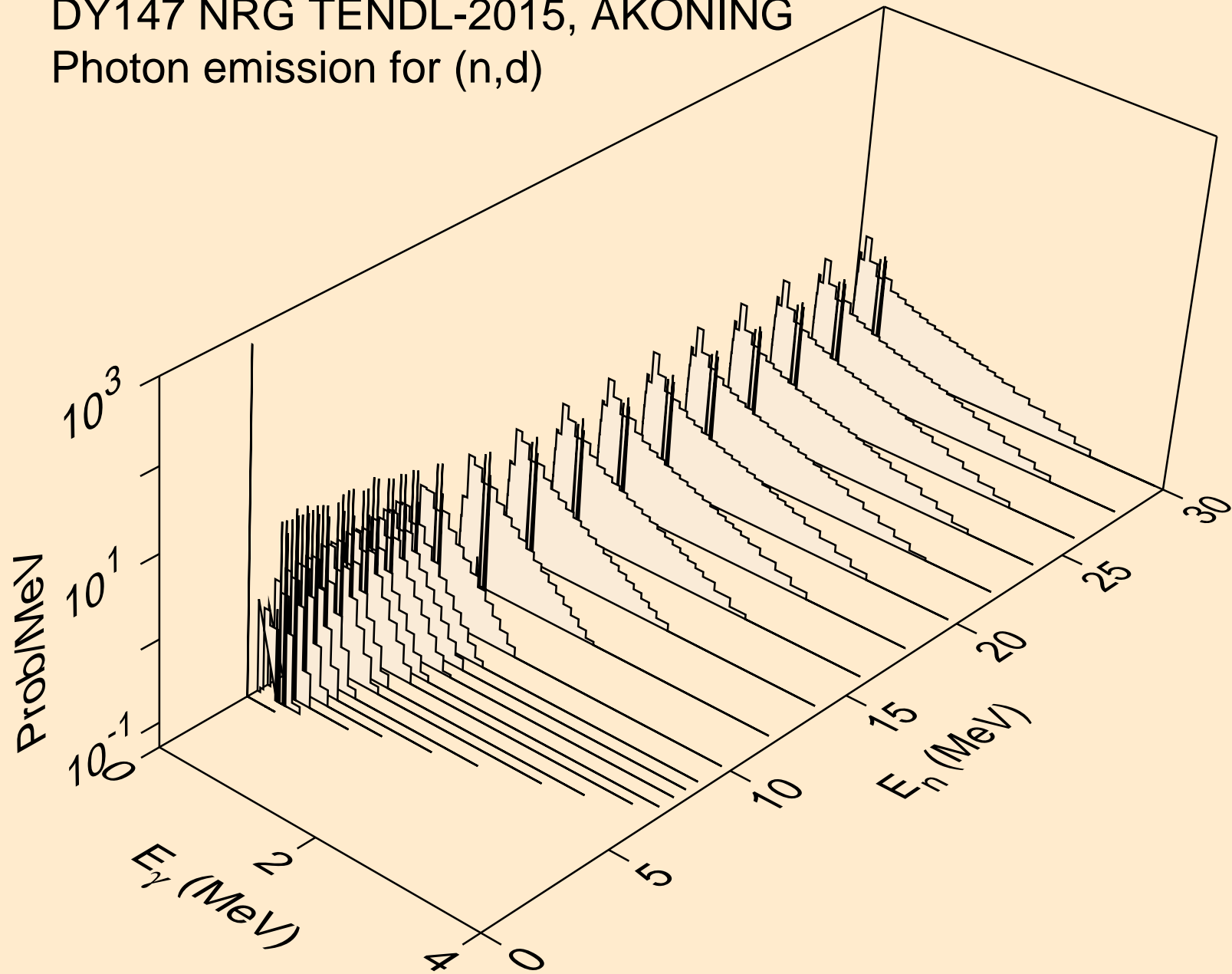
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



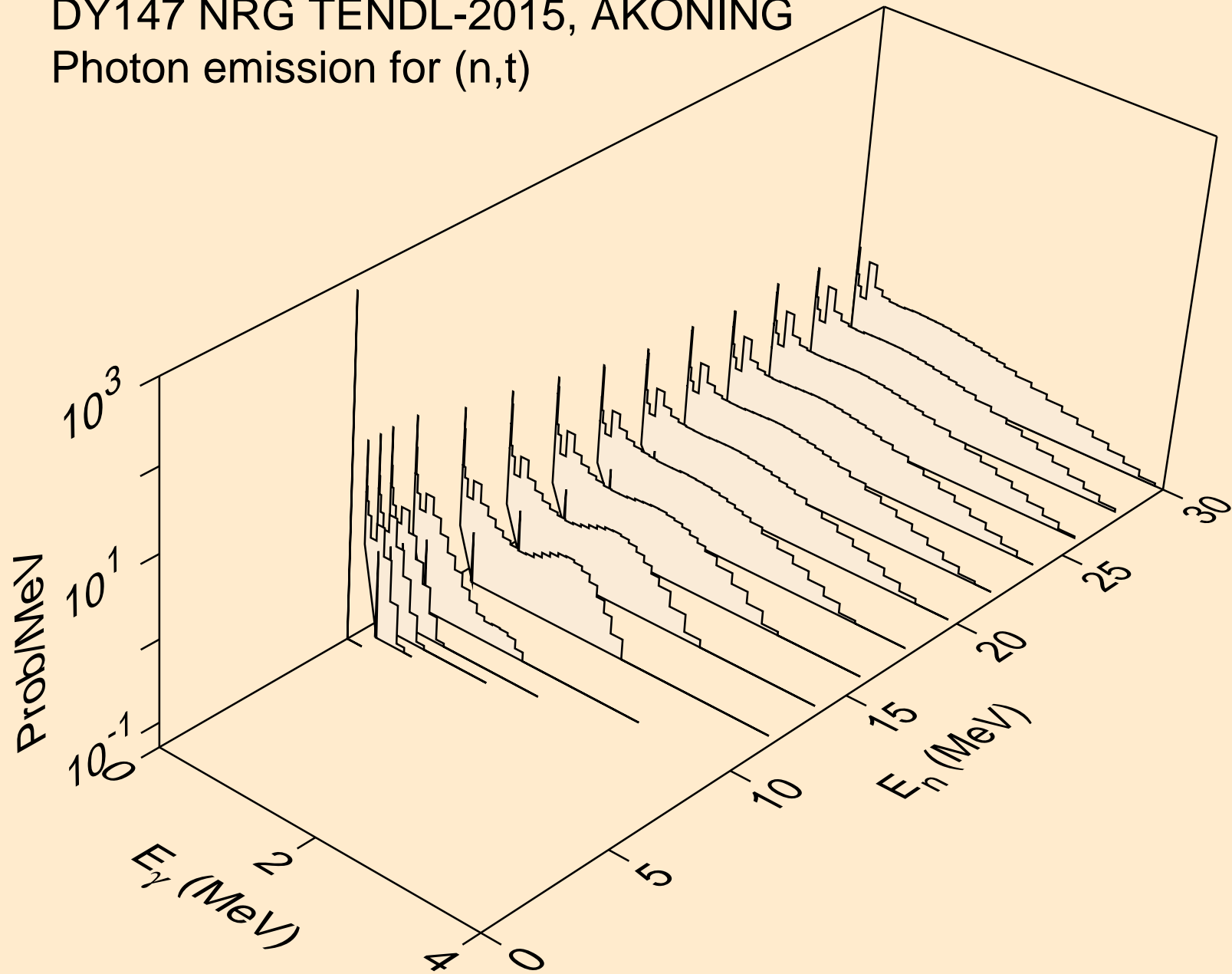
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



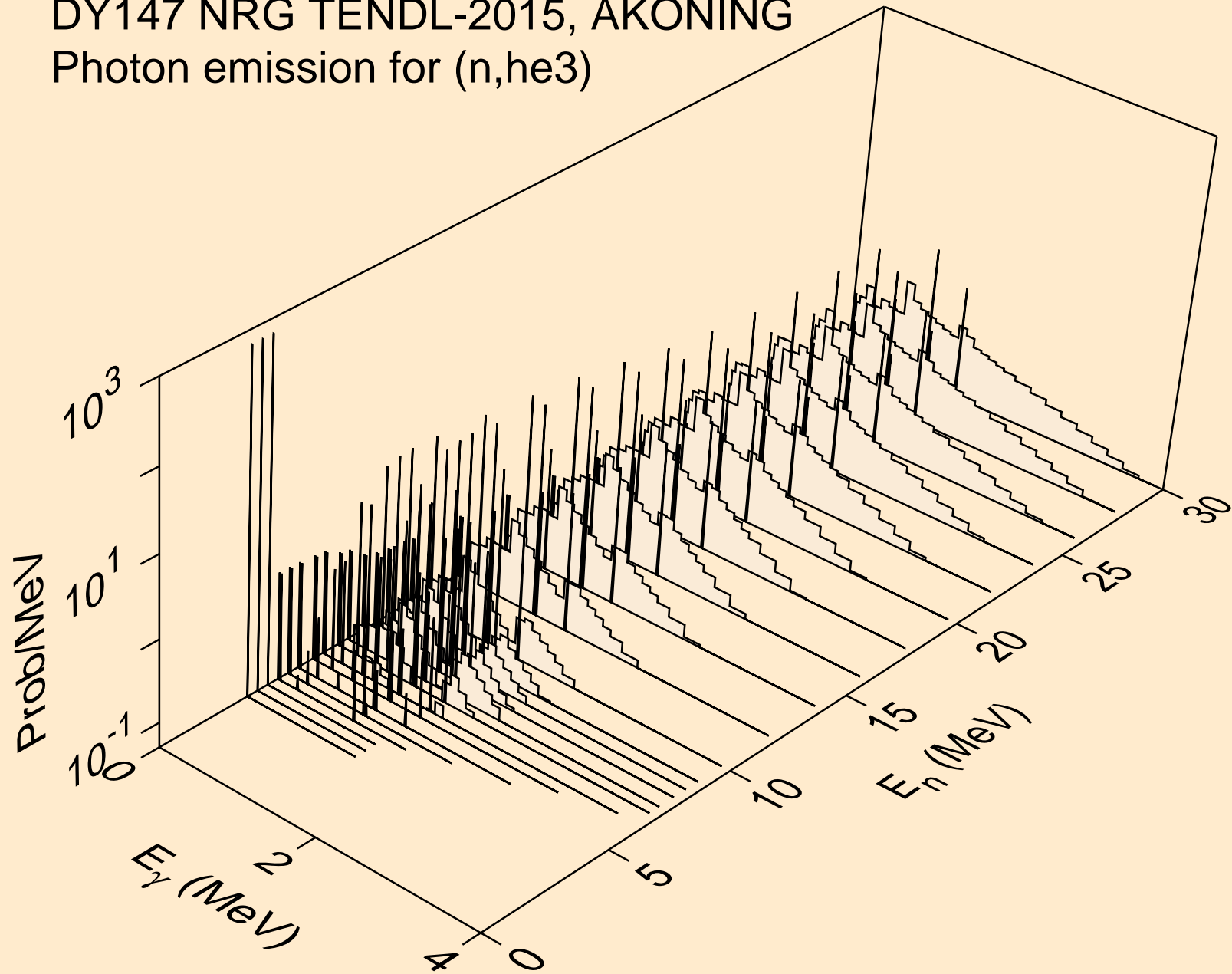
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



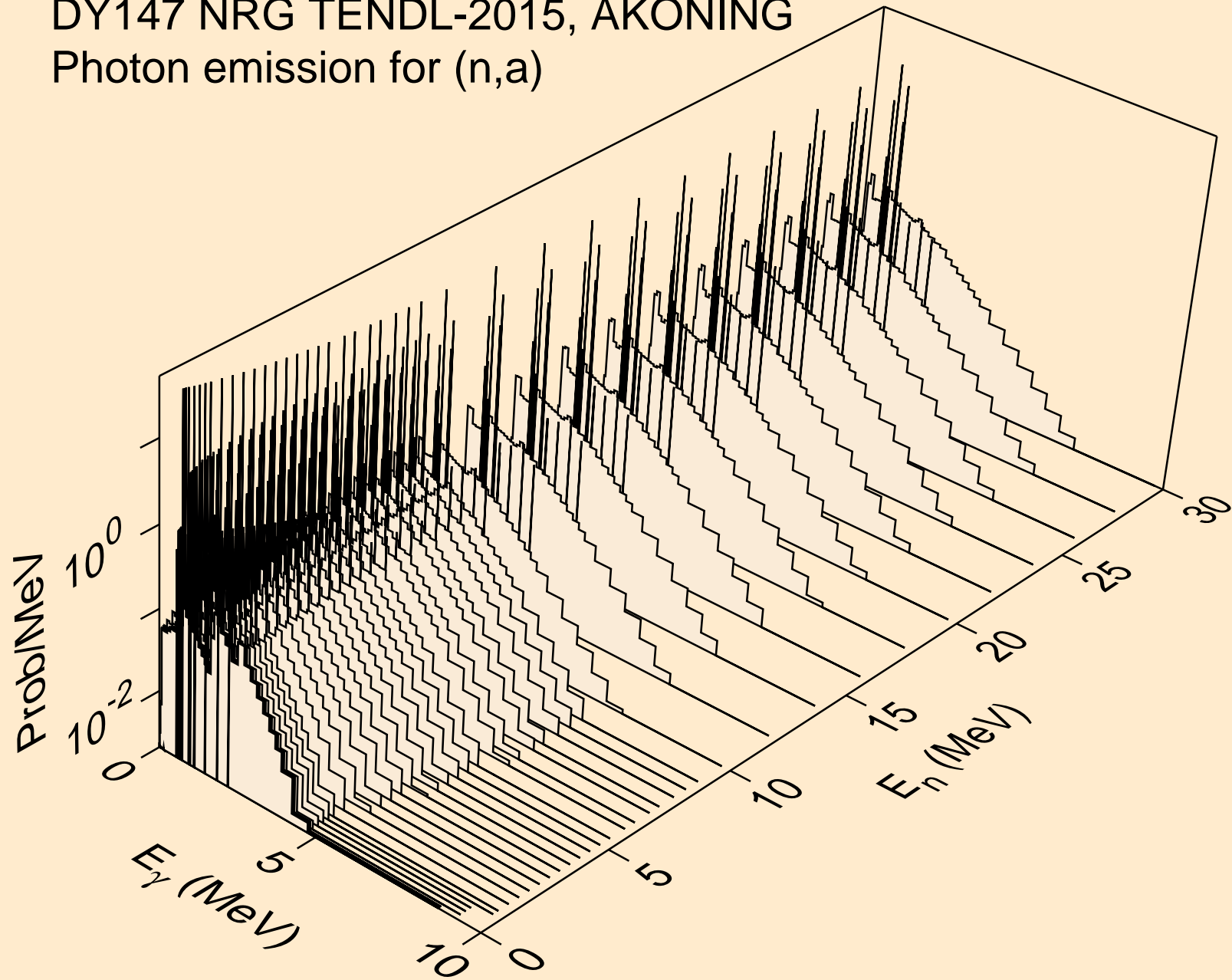
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



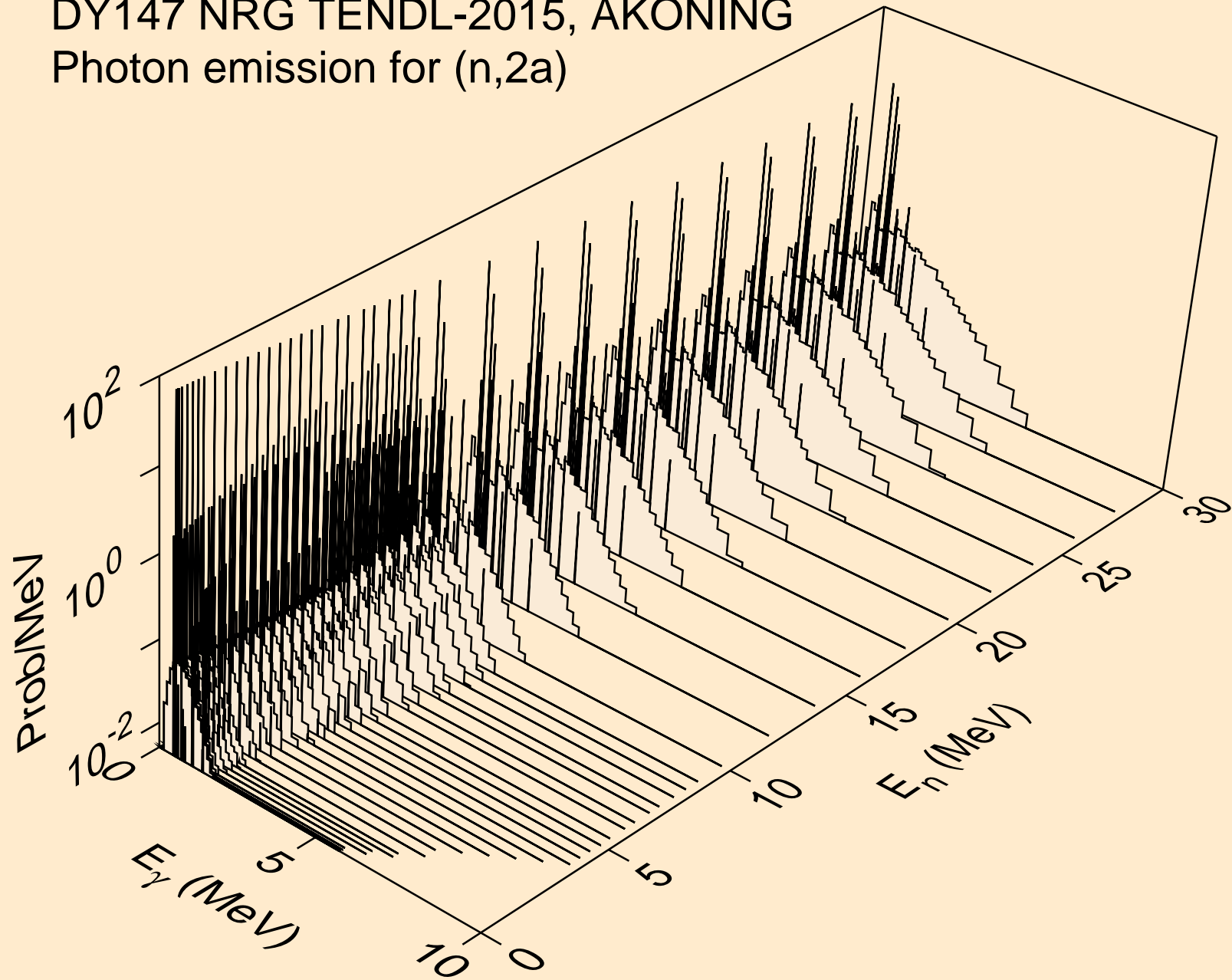
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



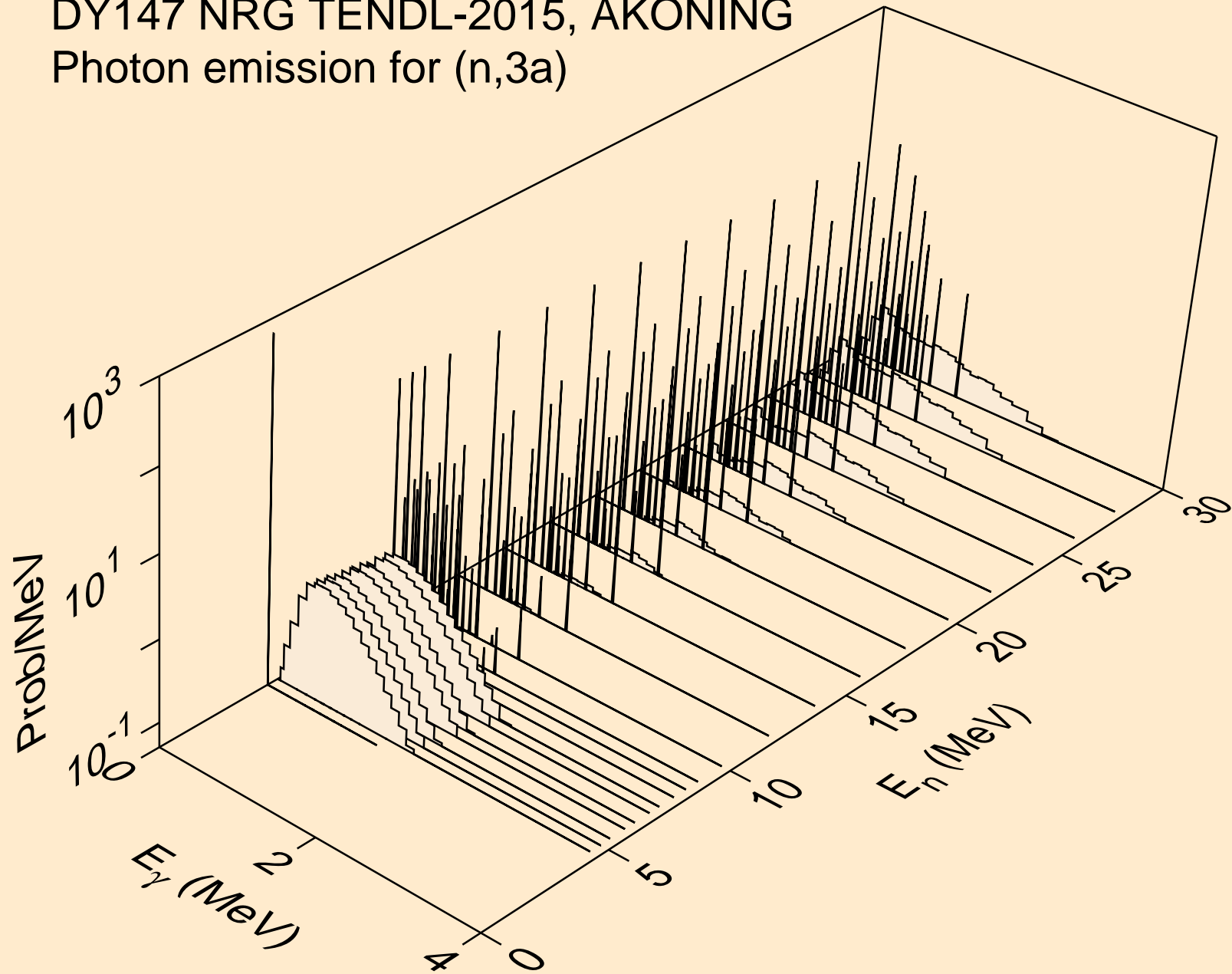
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

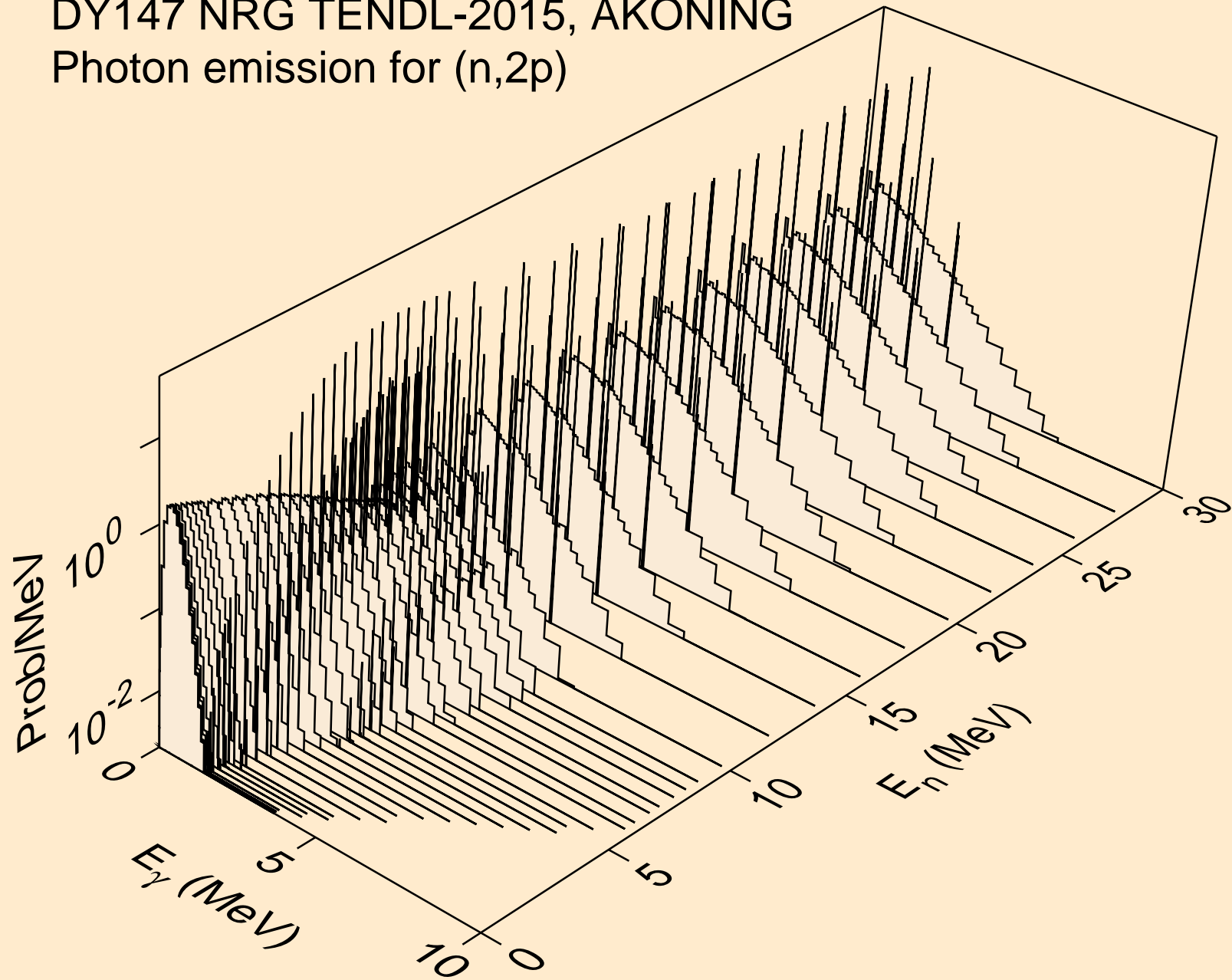


DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

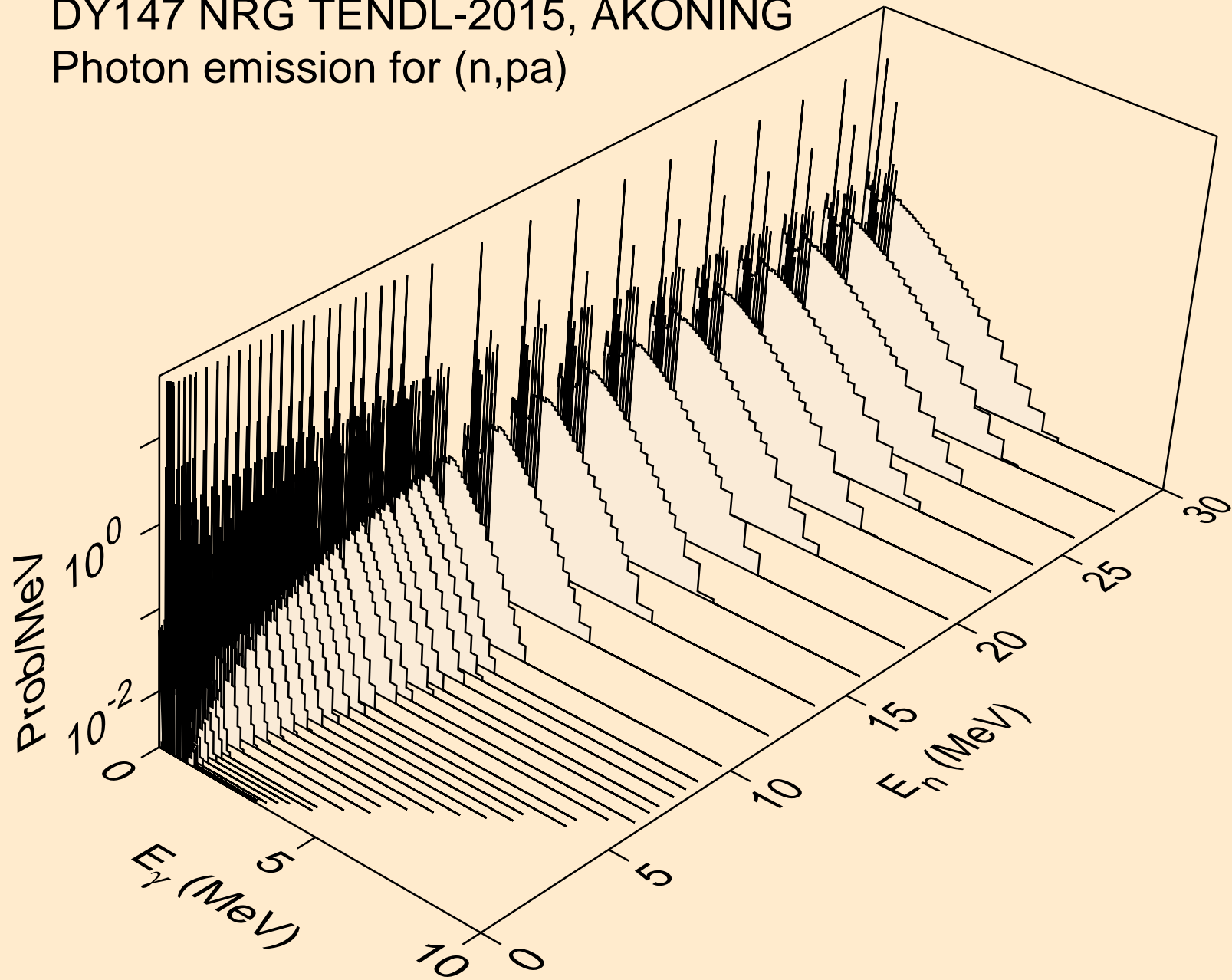




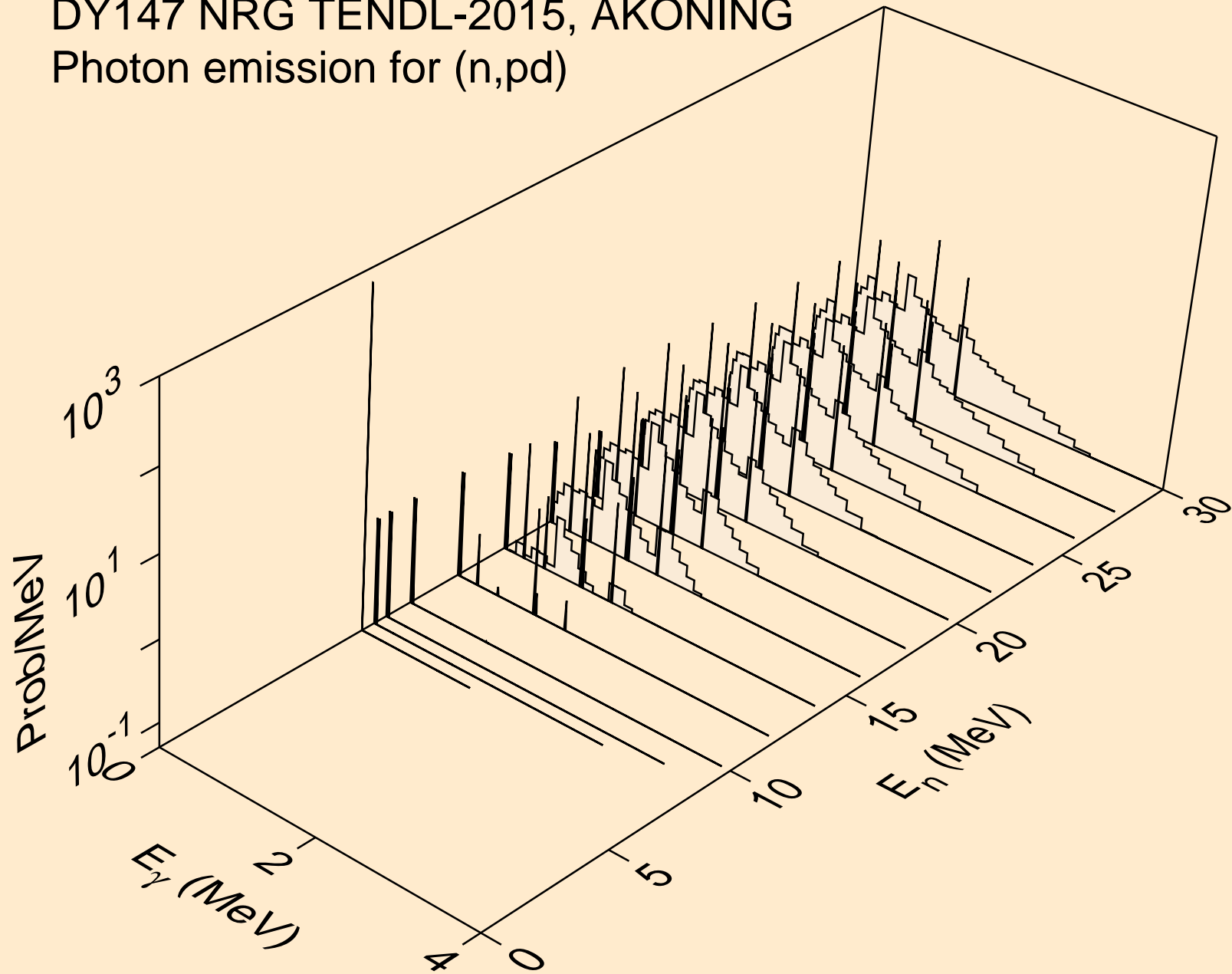
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



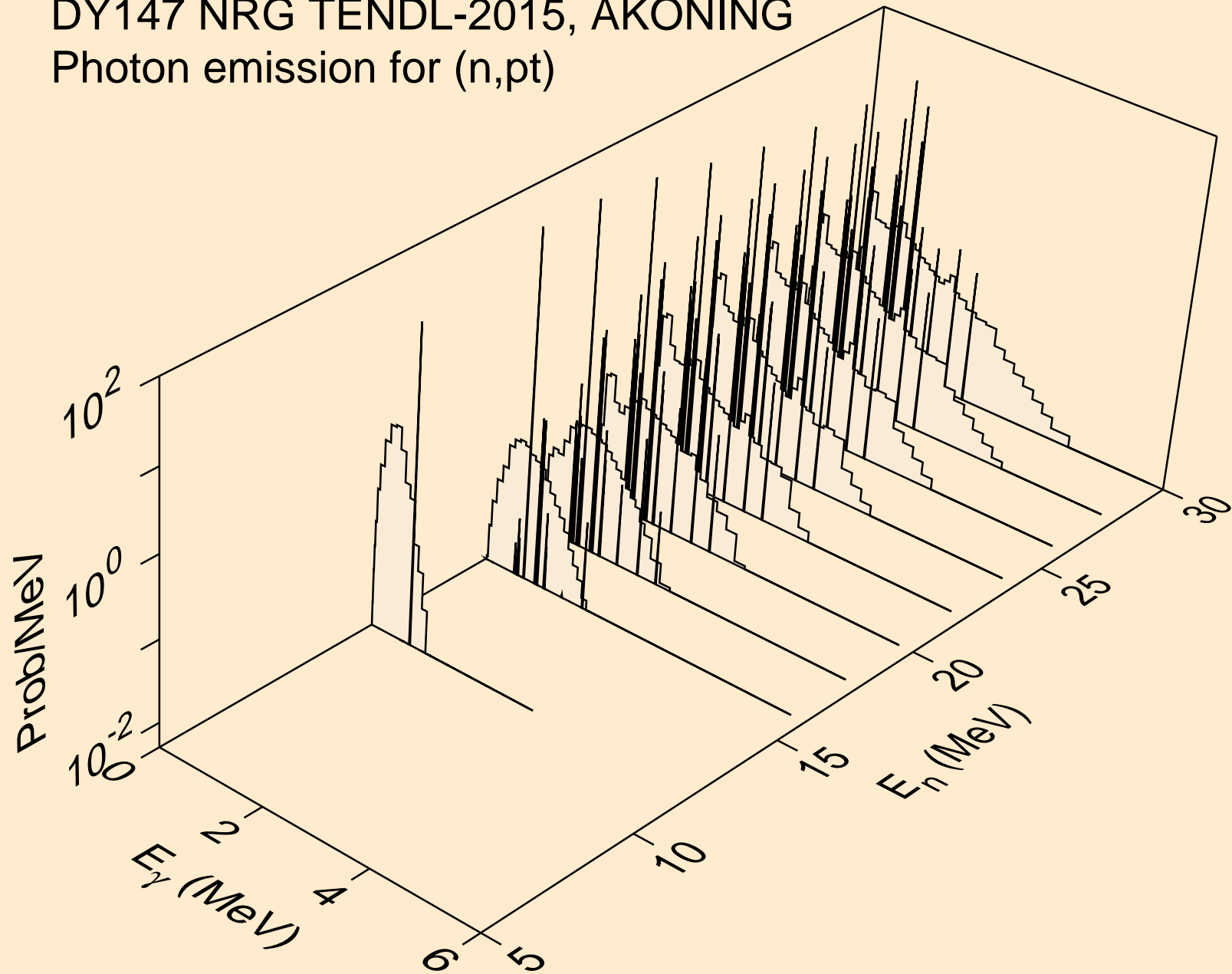
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



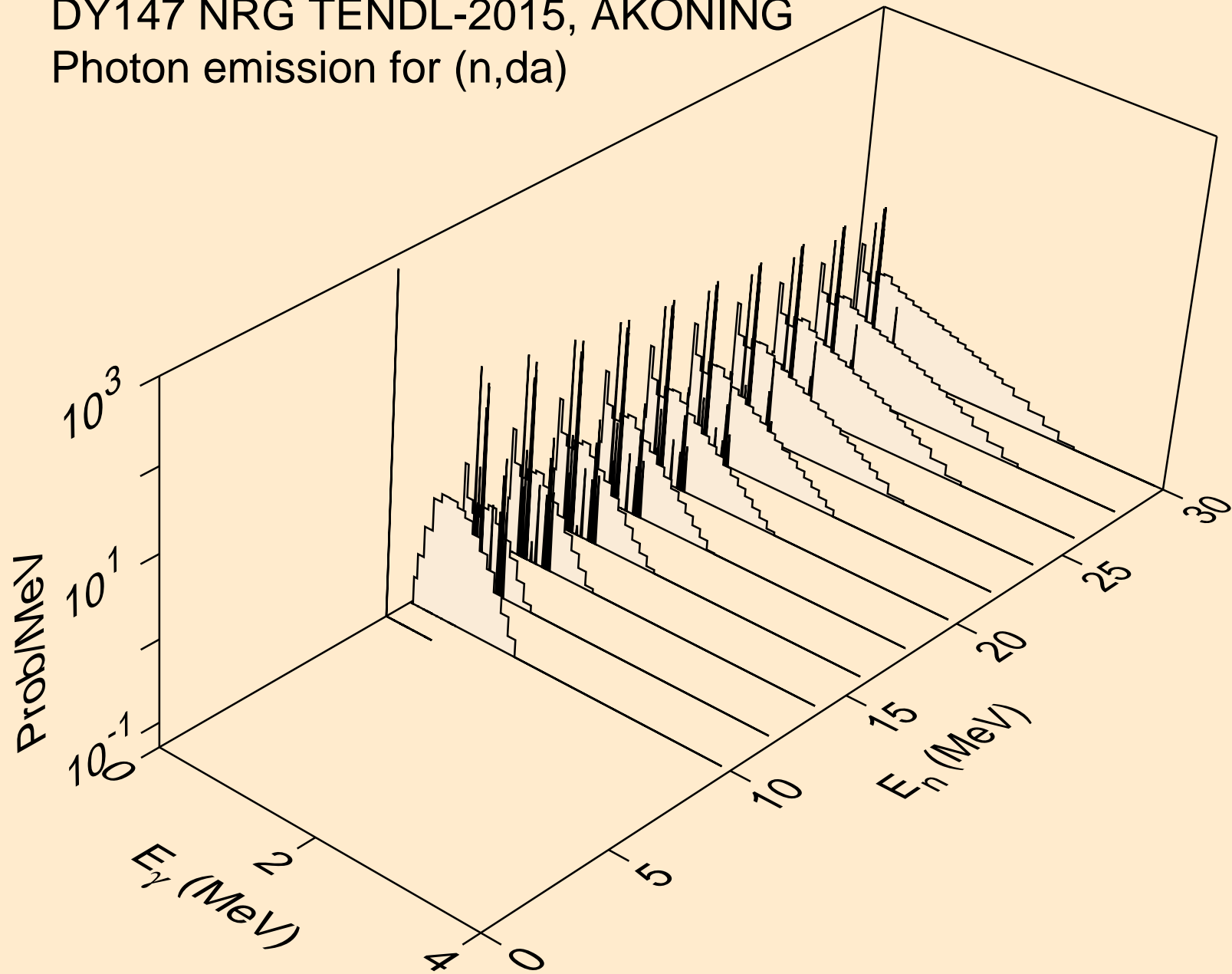
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



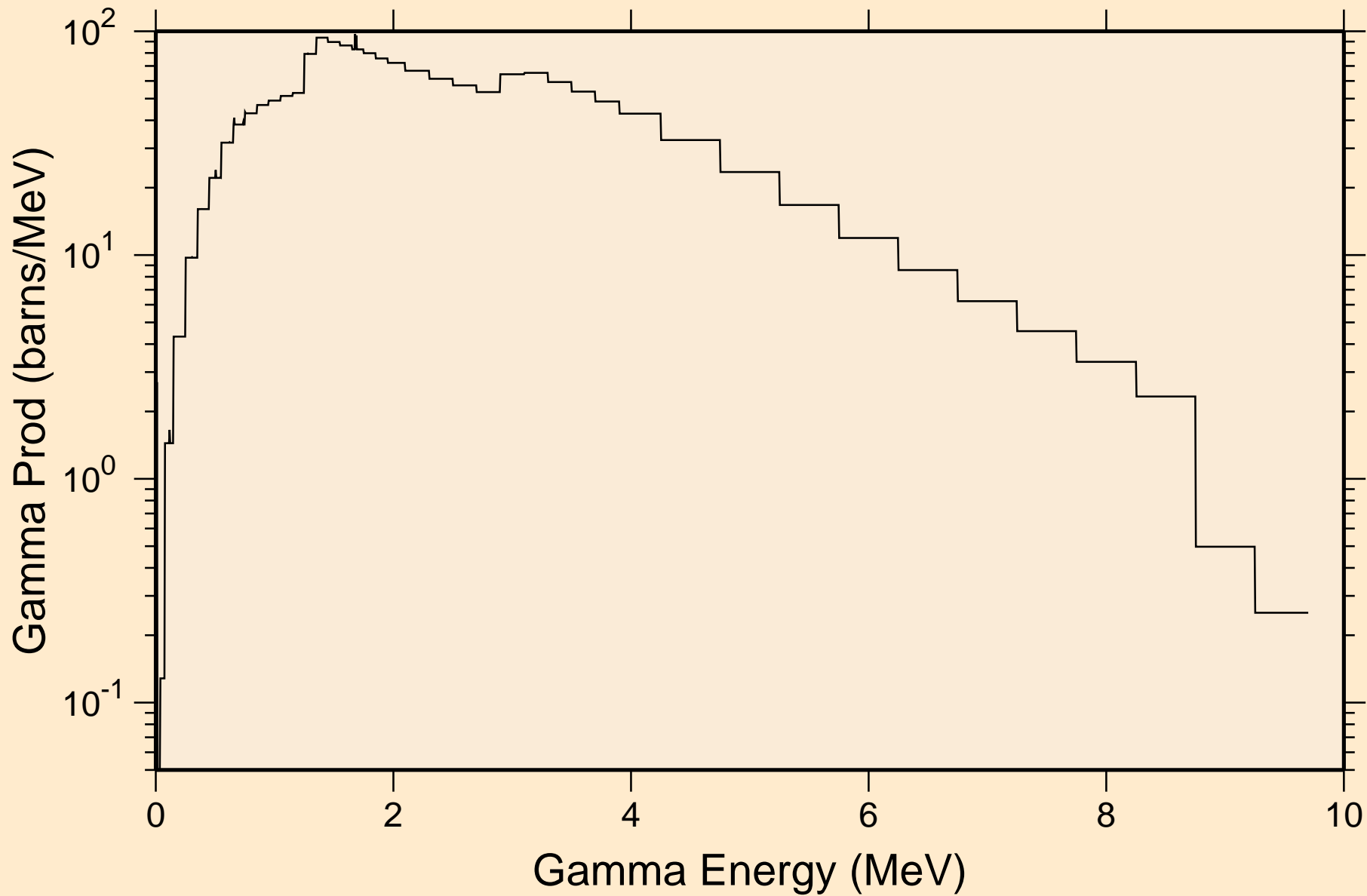
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



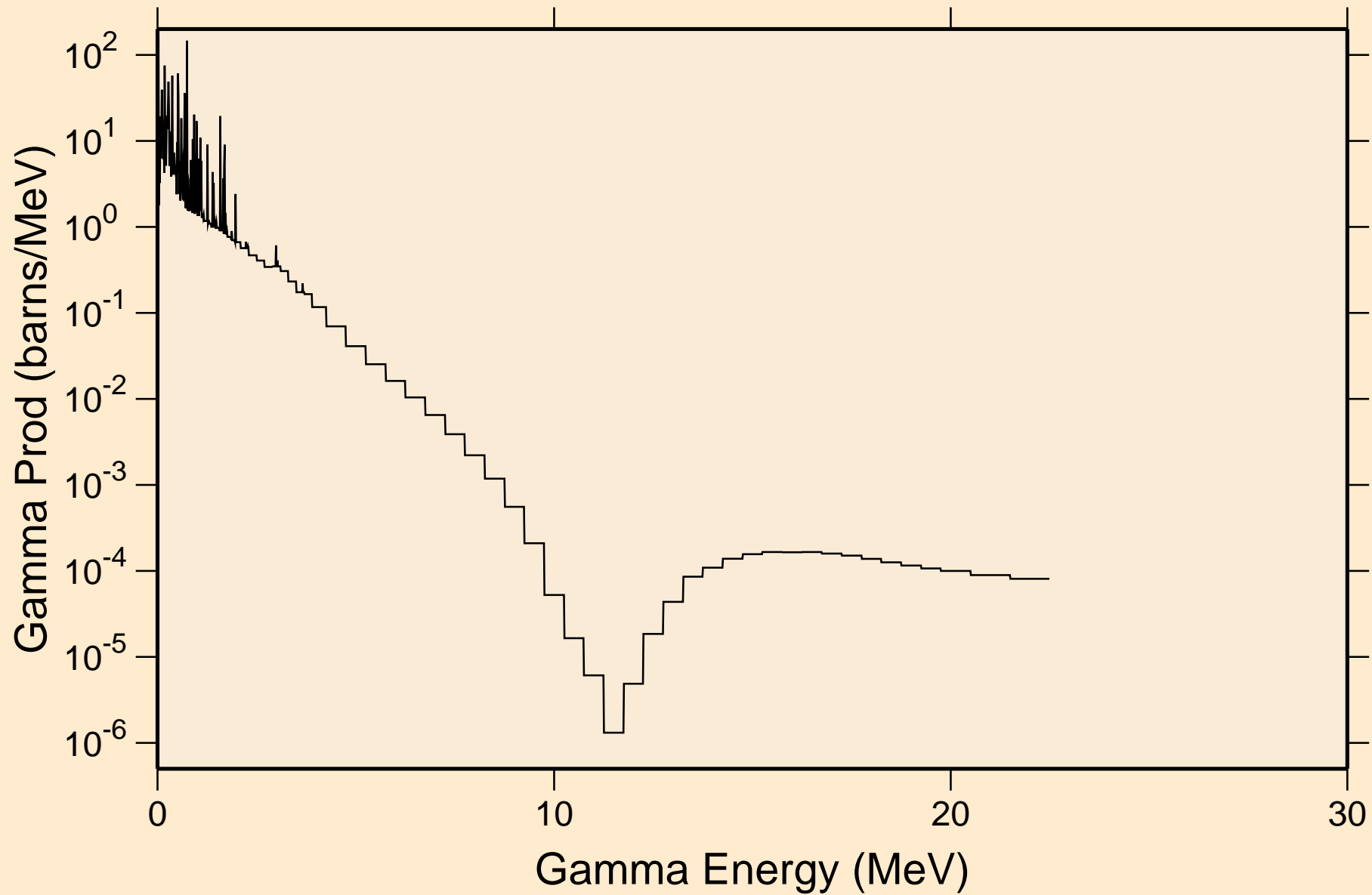
DY147 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



DY147 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

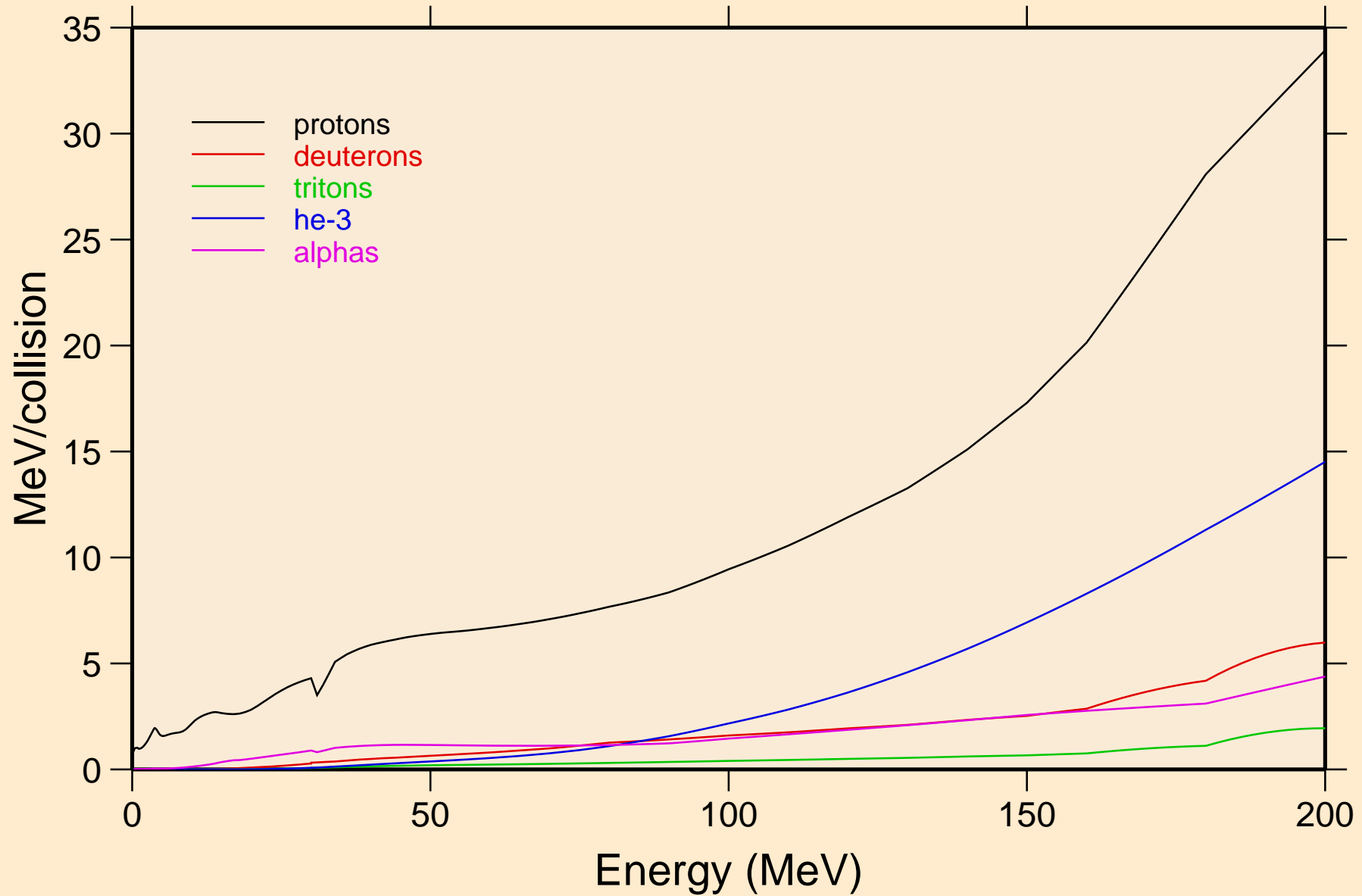


DY147 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# DY147 NRG TENDL-2015, AKONING

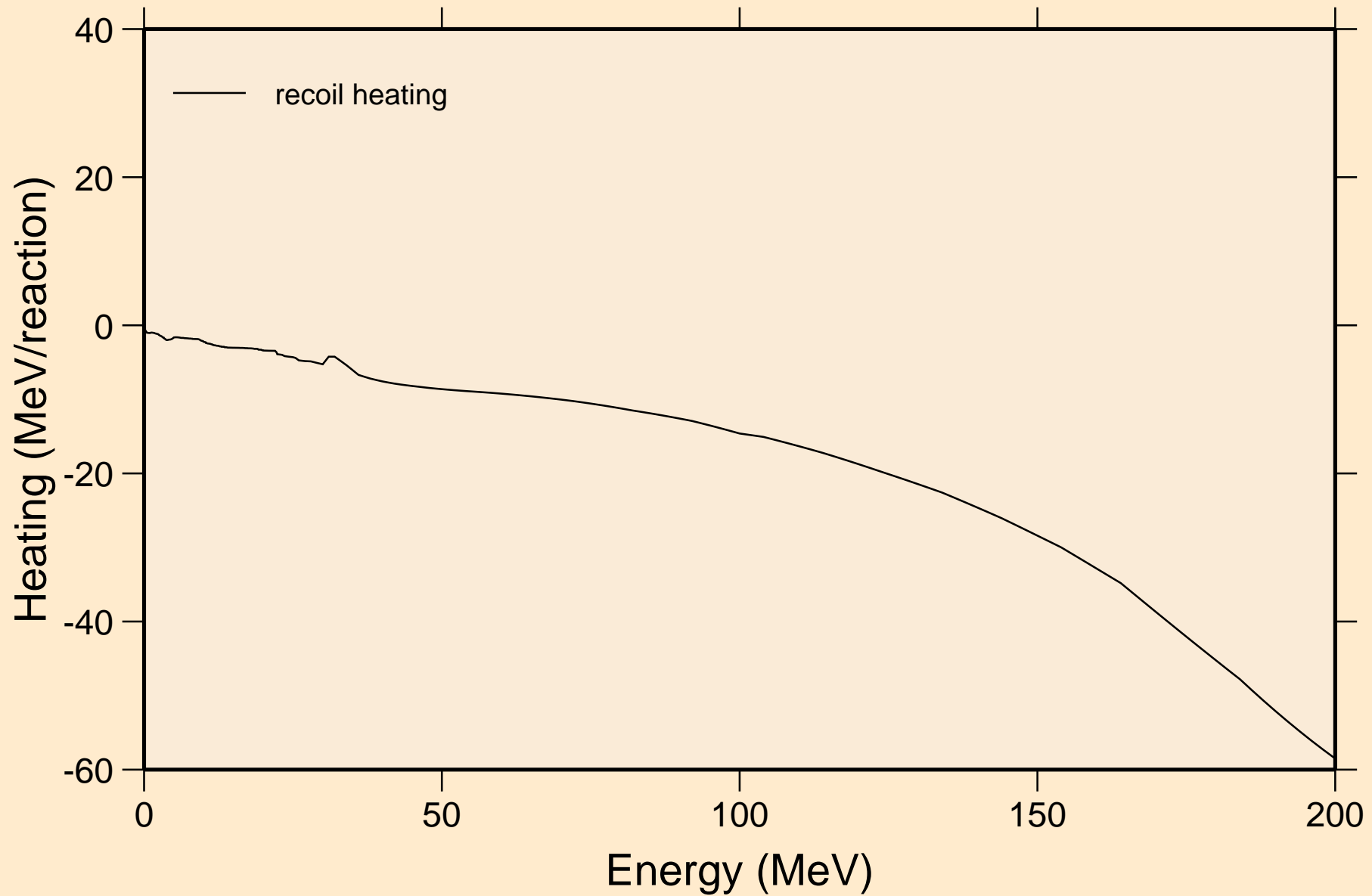
## Particle heating contributions





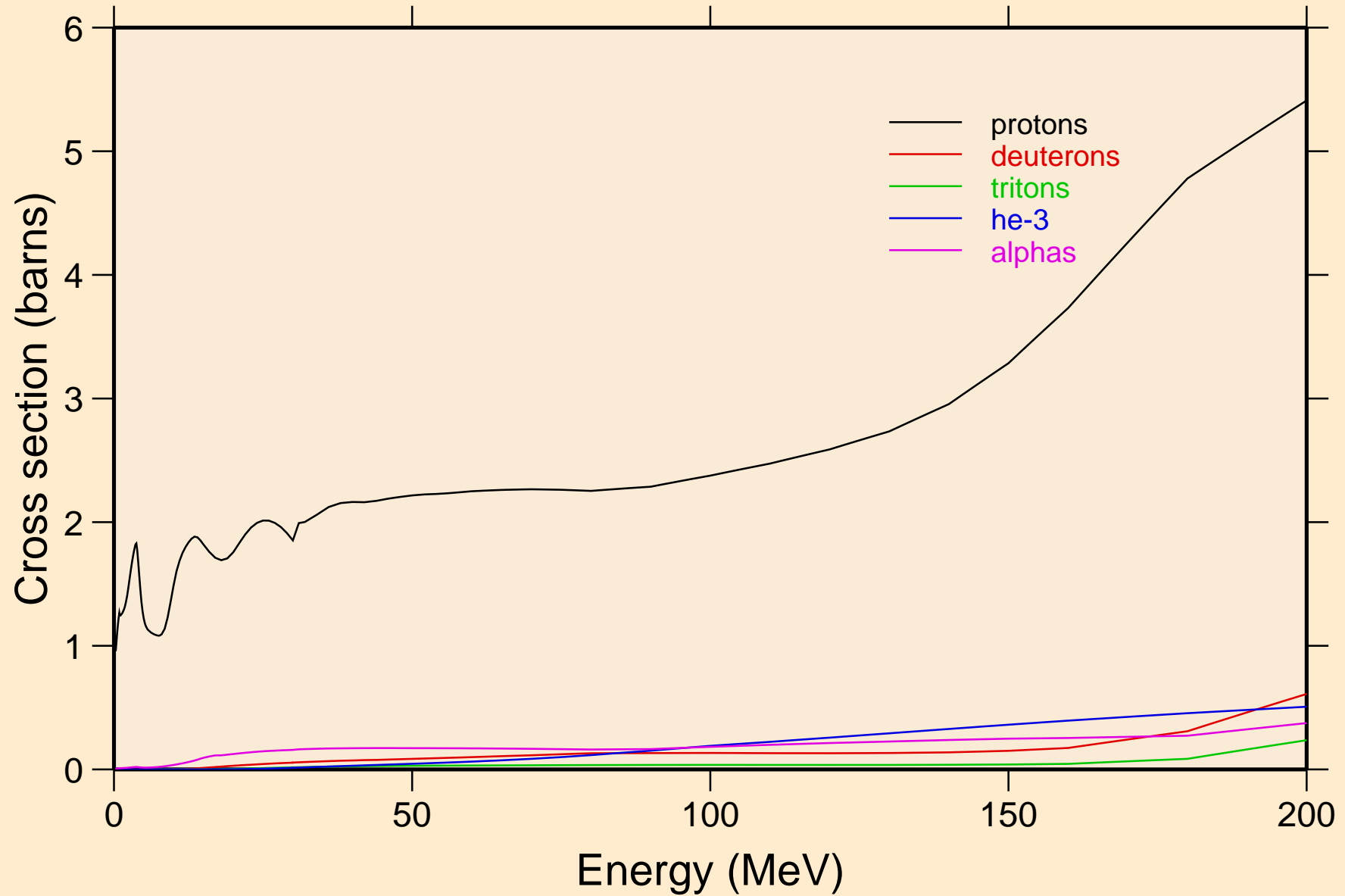
# DY147 NRG TENDL-2015, AKONING

## Recoil Heating

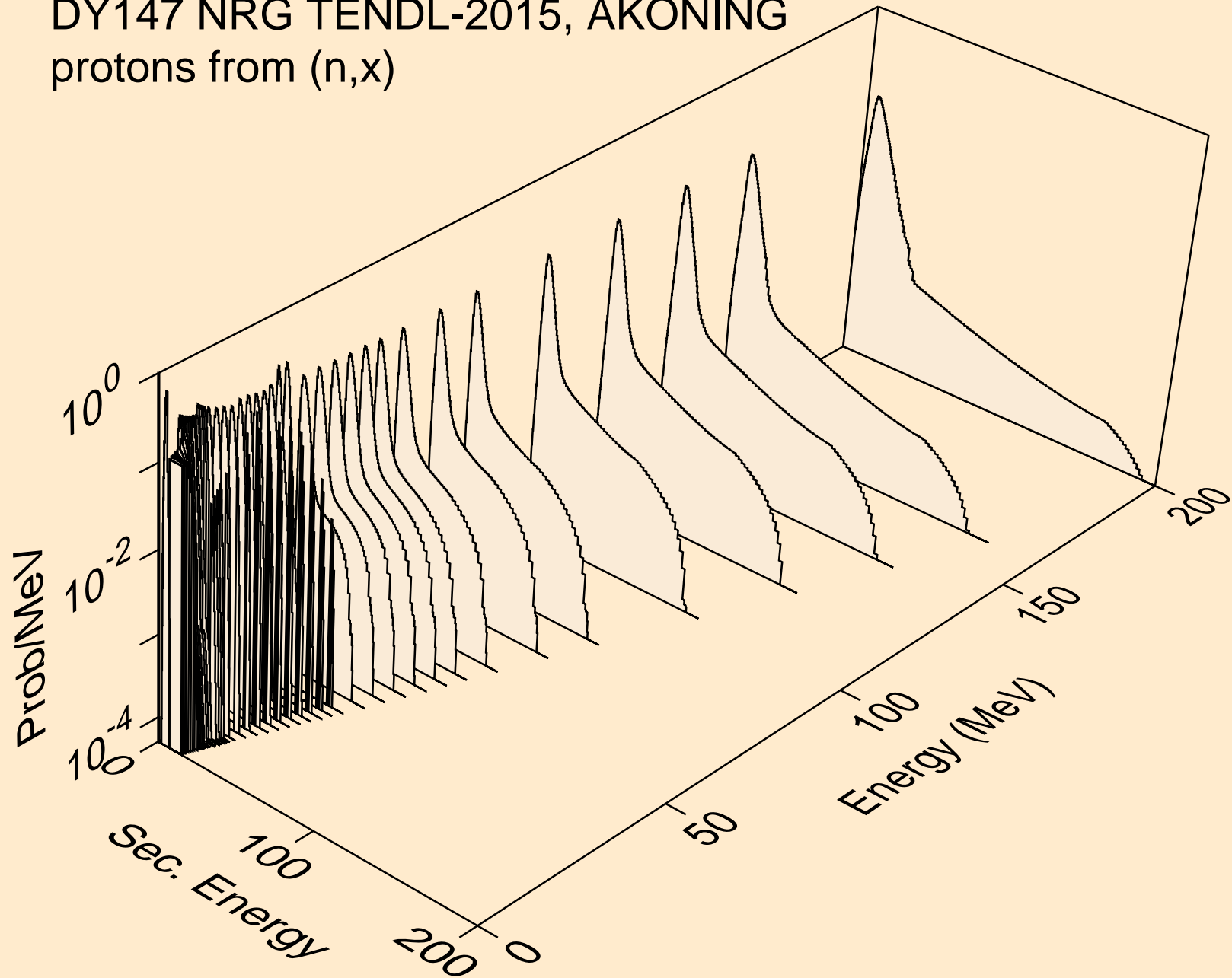


# DY147 NRG TENDL-2015, AKONING

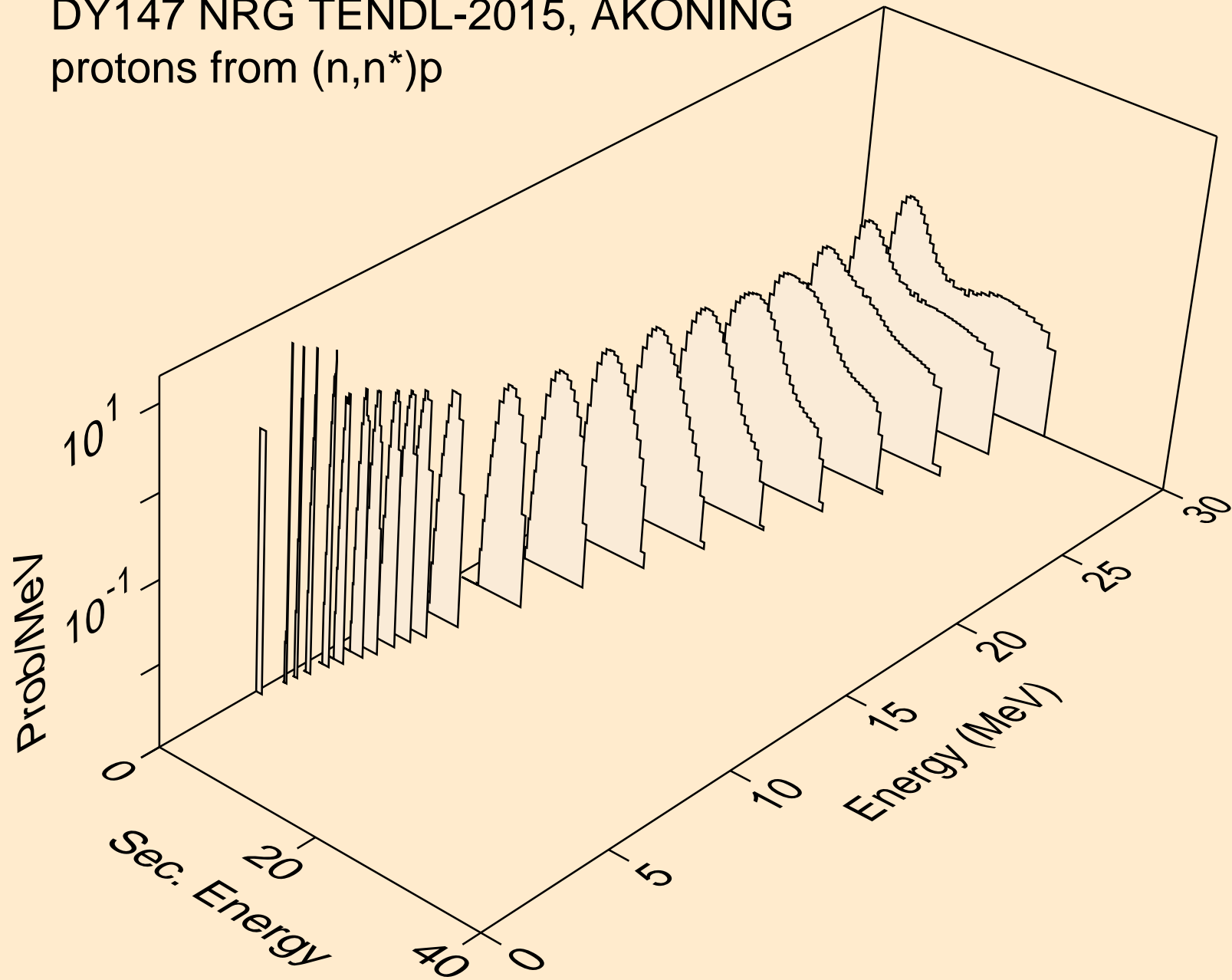
## Particle production cross sections



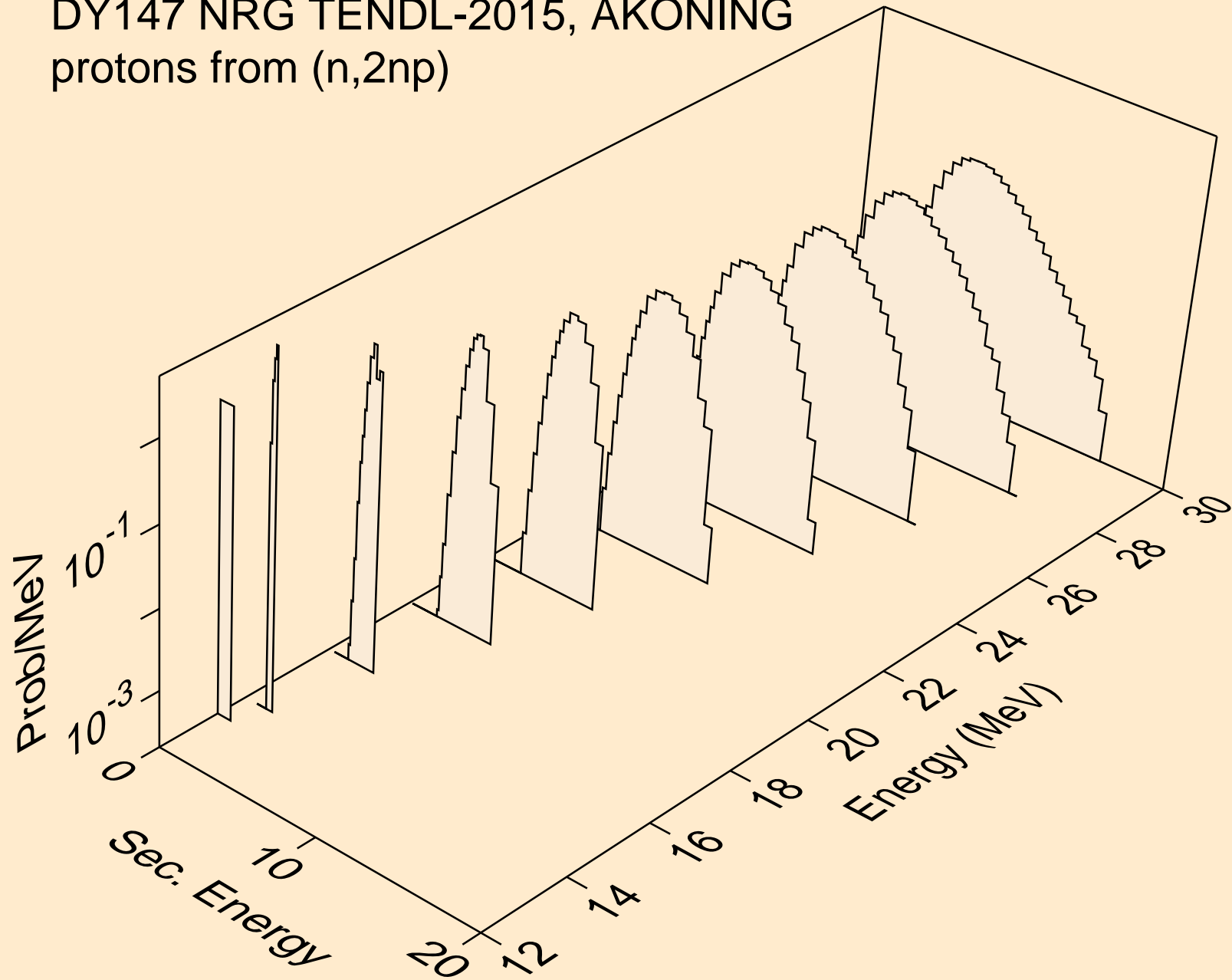
DY147 NRG TENDL-2015, AKONING  
protons from (n,x)



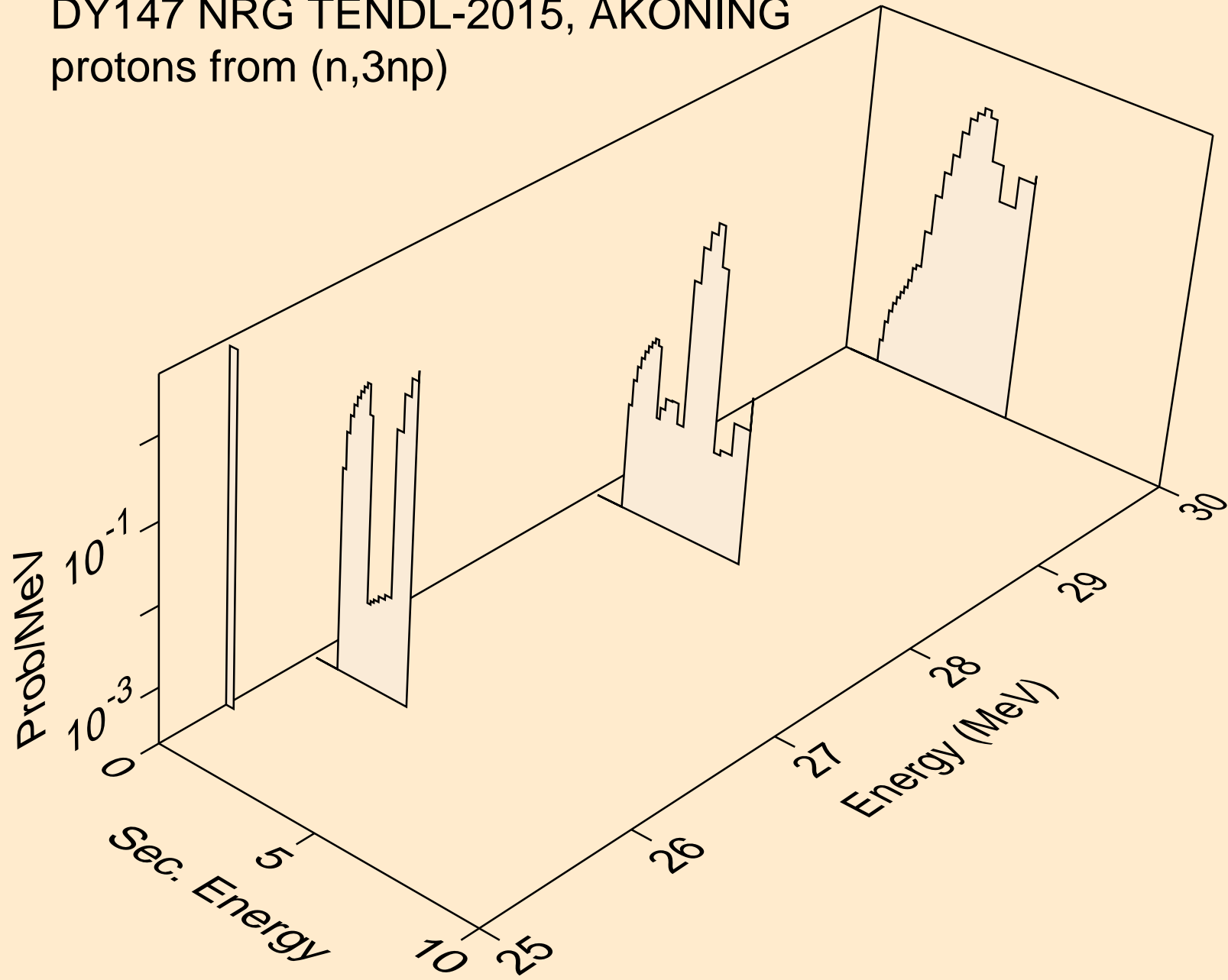
DY147 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



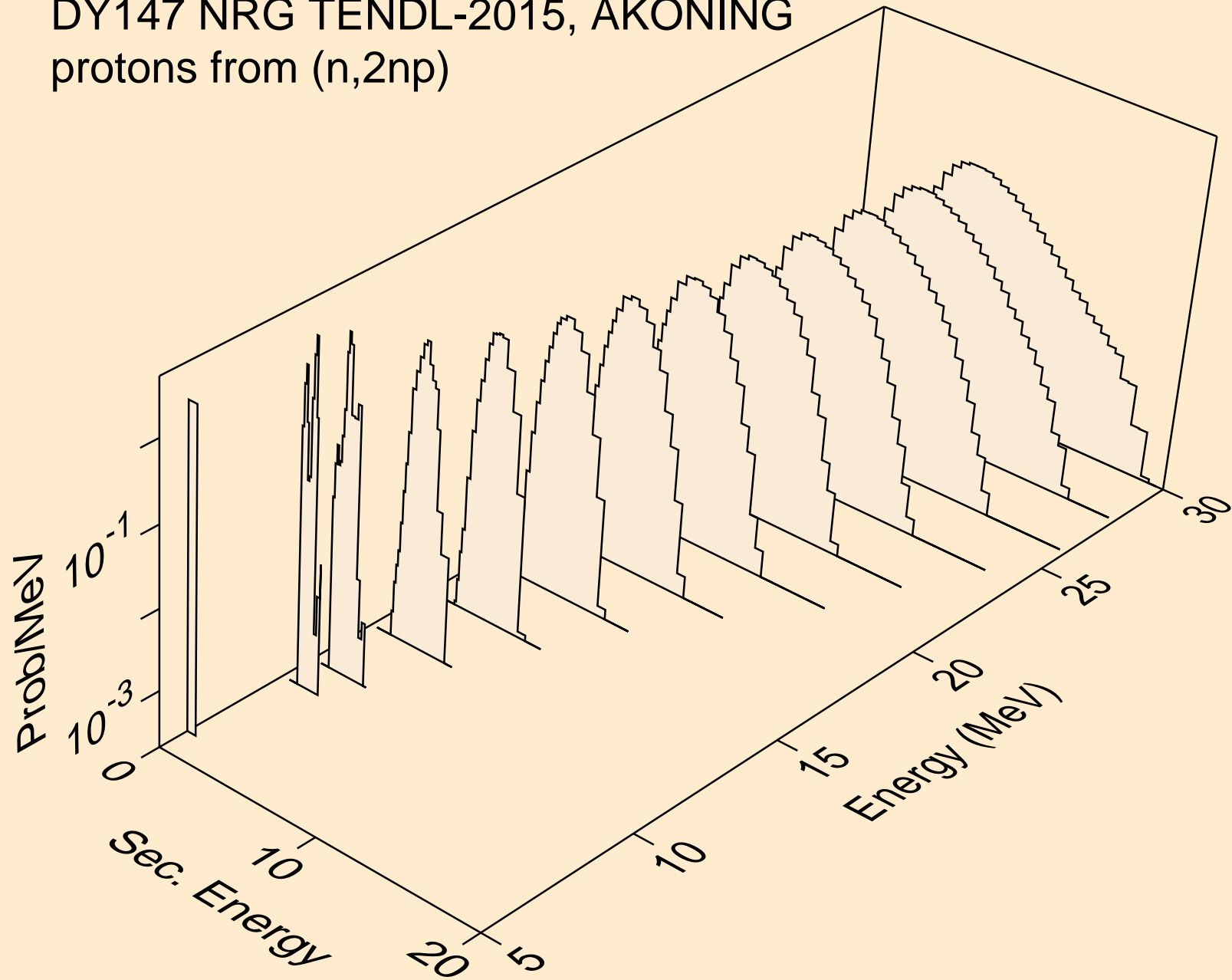
DY147 NRG TENDL-2015, AKONING  
protons from (n,2np)



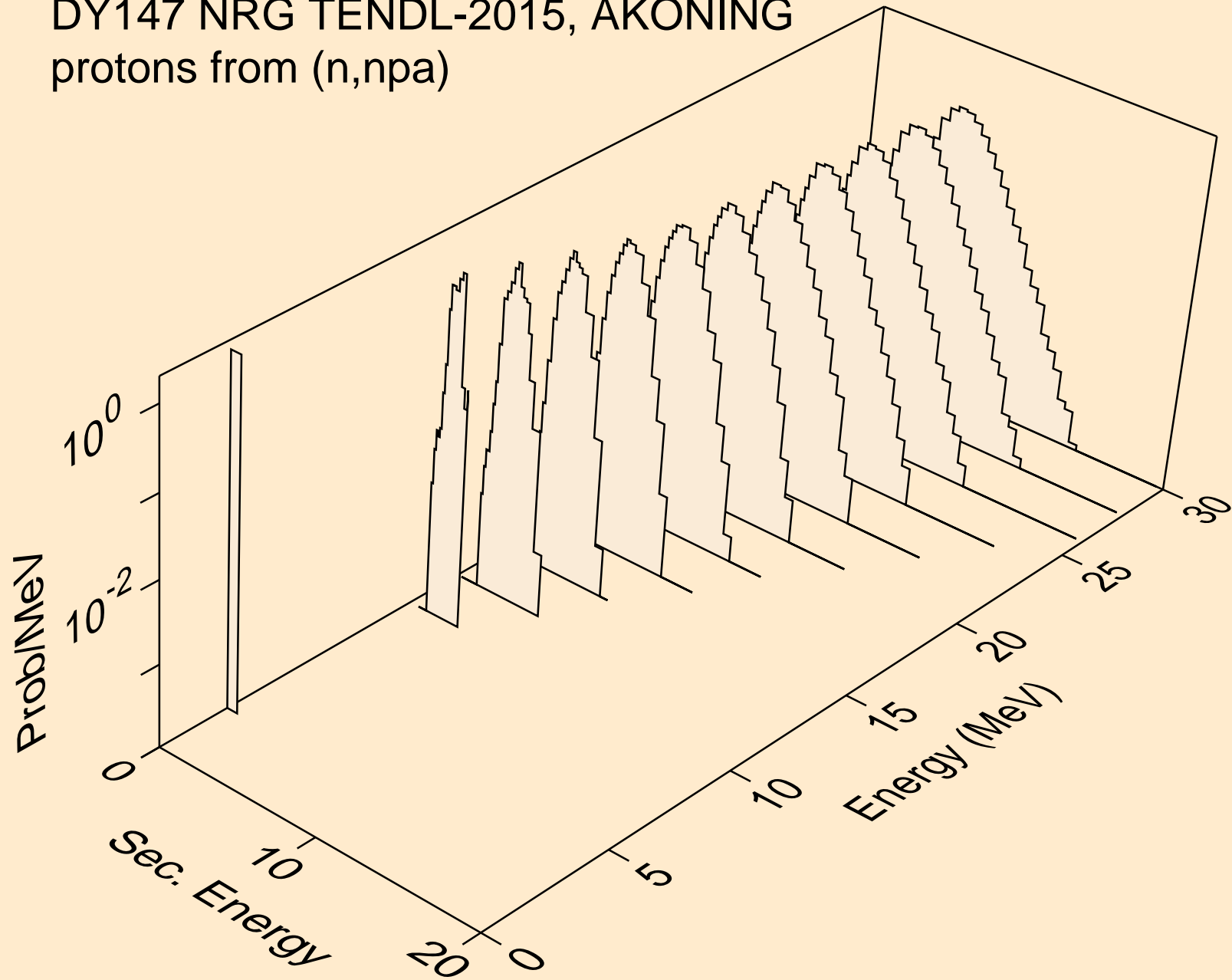
DY147 NRG TENDL-2015, AKONING  
protons from (n,3np)



DY147 NRG TENDL-2015, AKONING  
protons from (n,2np)

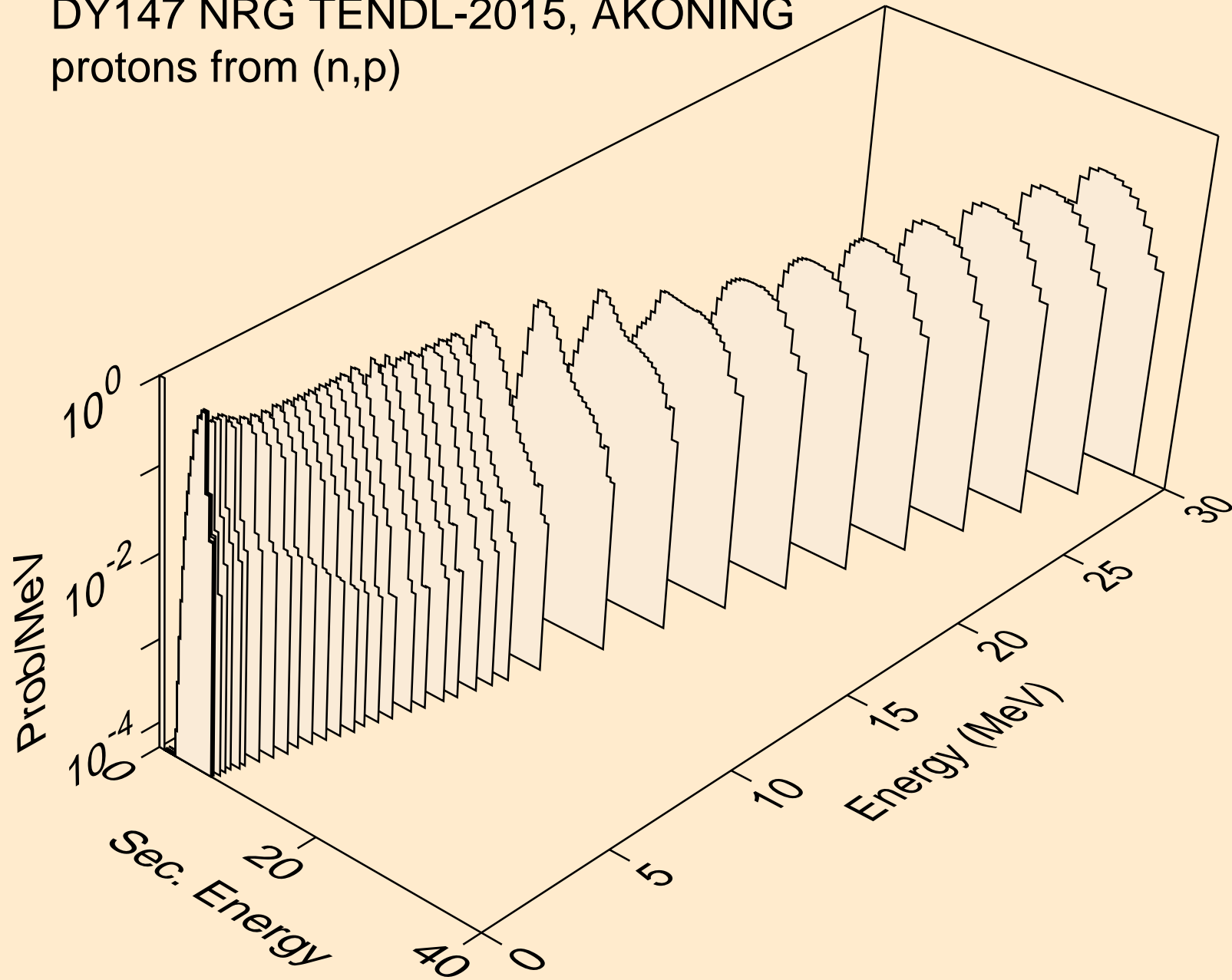


DY147 NRG TENDL-2015, AKONING  
protons from (n,npa)

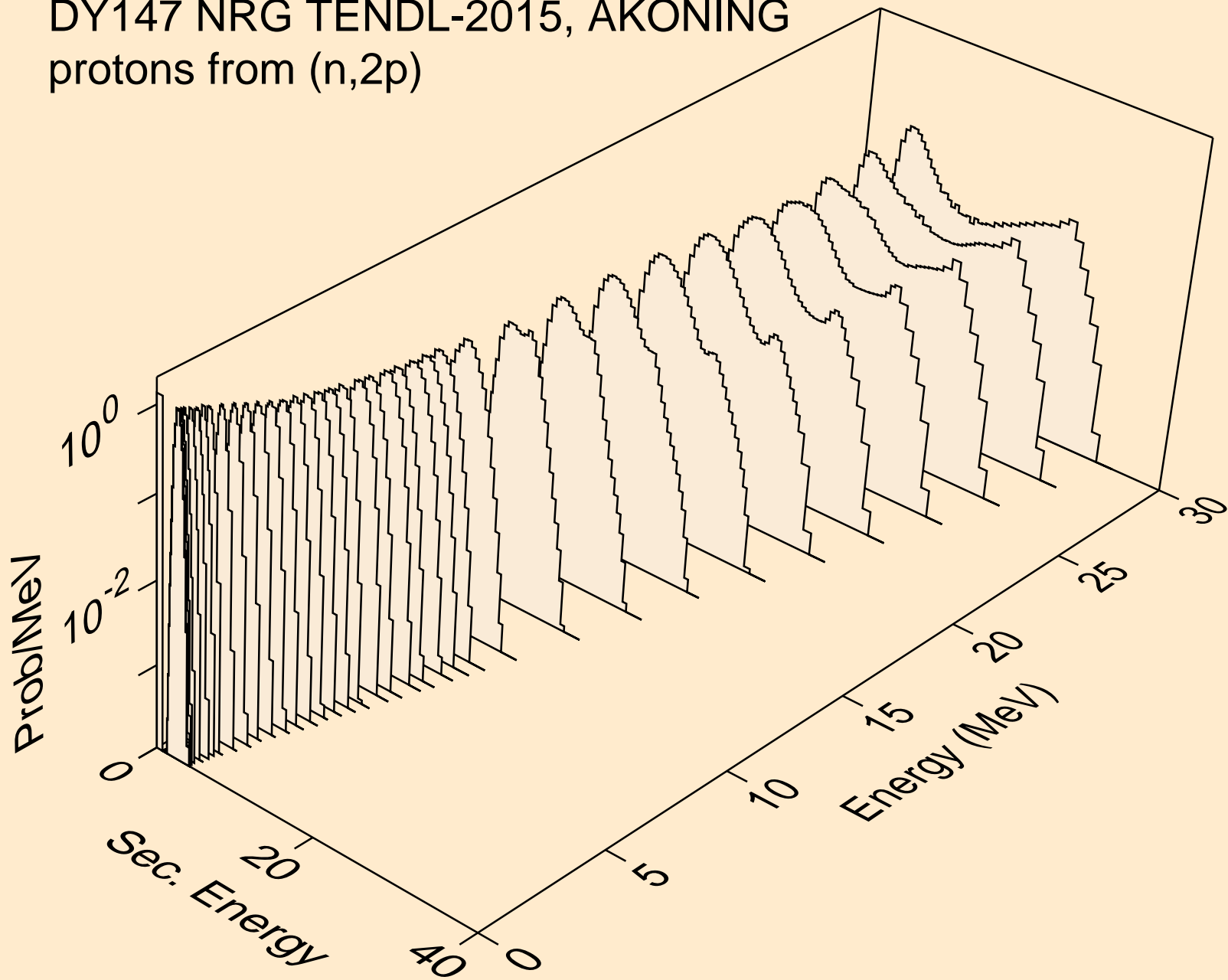




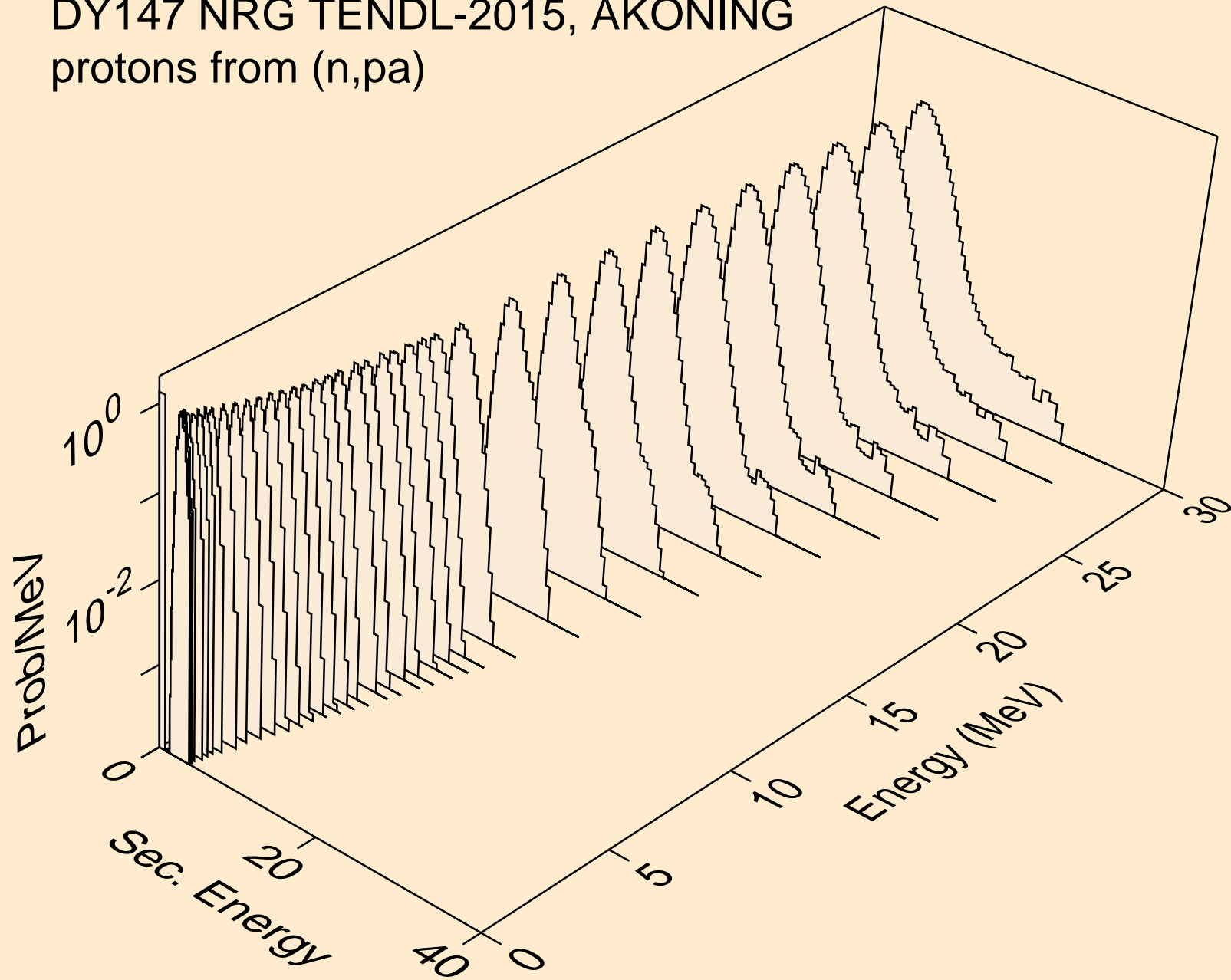
DY147 NRG TENDL-2015, AKONING  
protons from (n,p)



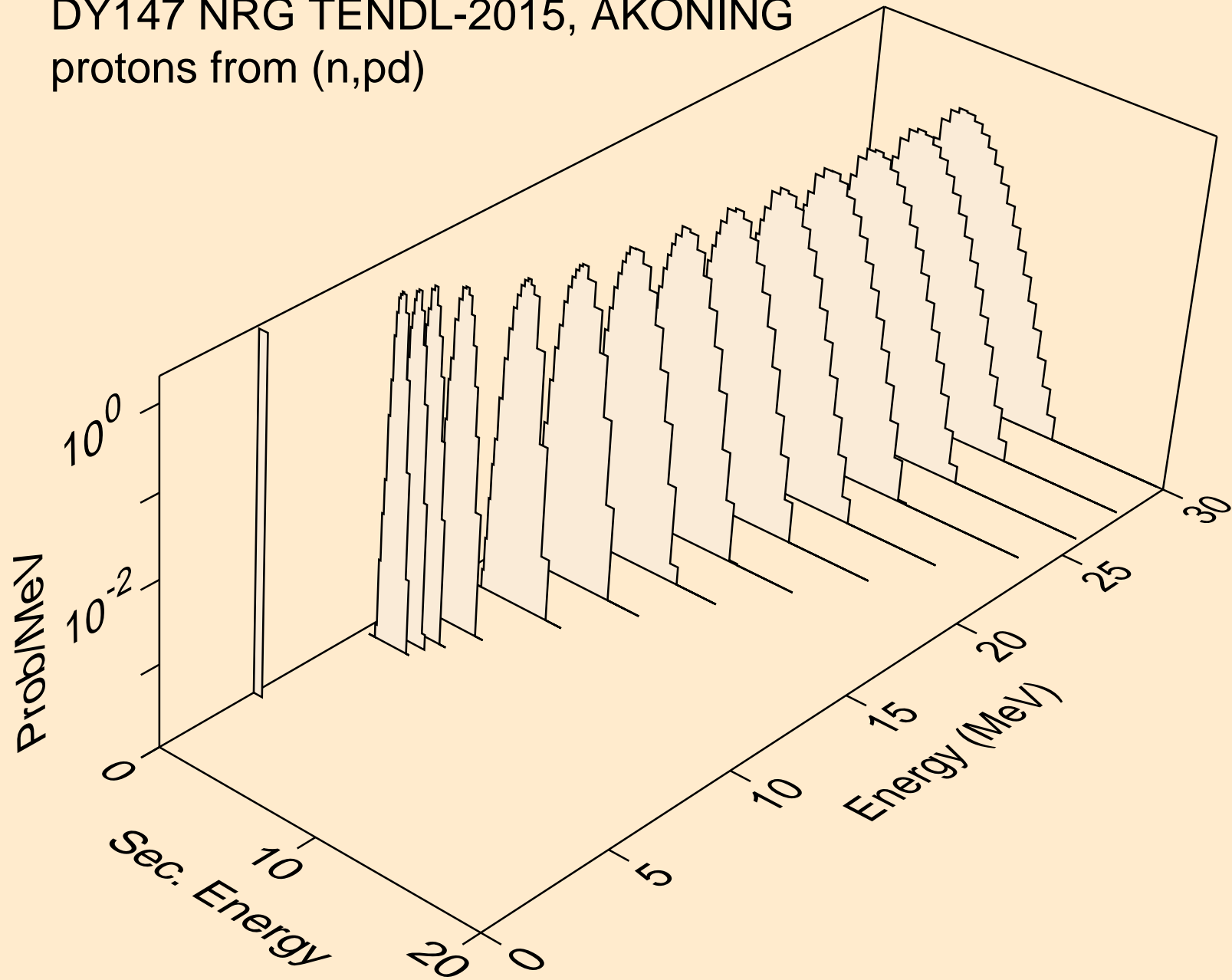
DY147 NRG TENDL-2015, AKONING  
protons from (n,2p)



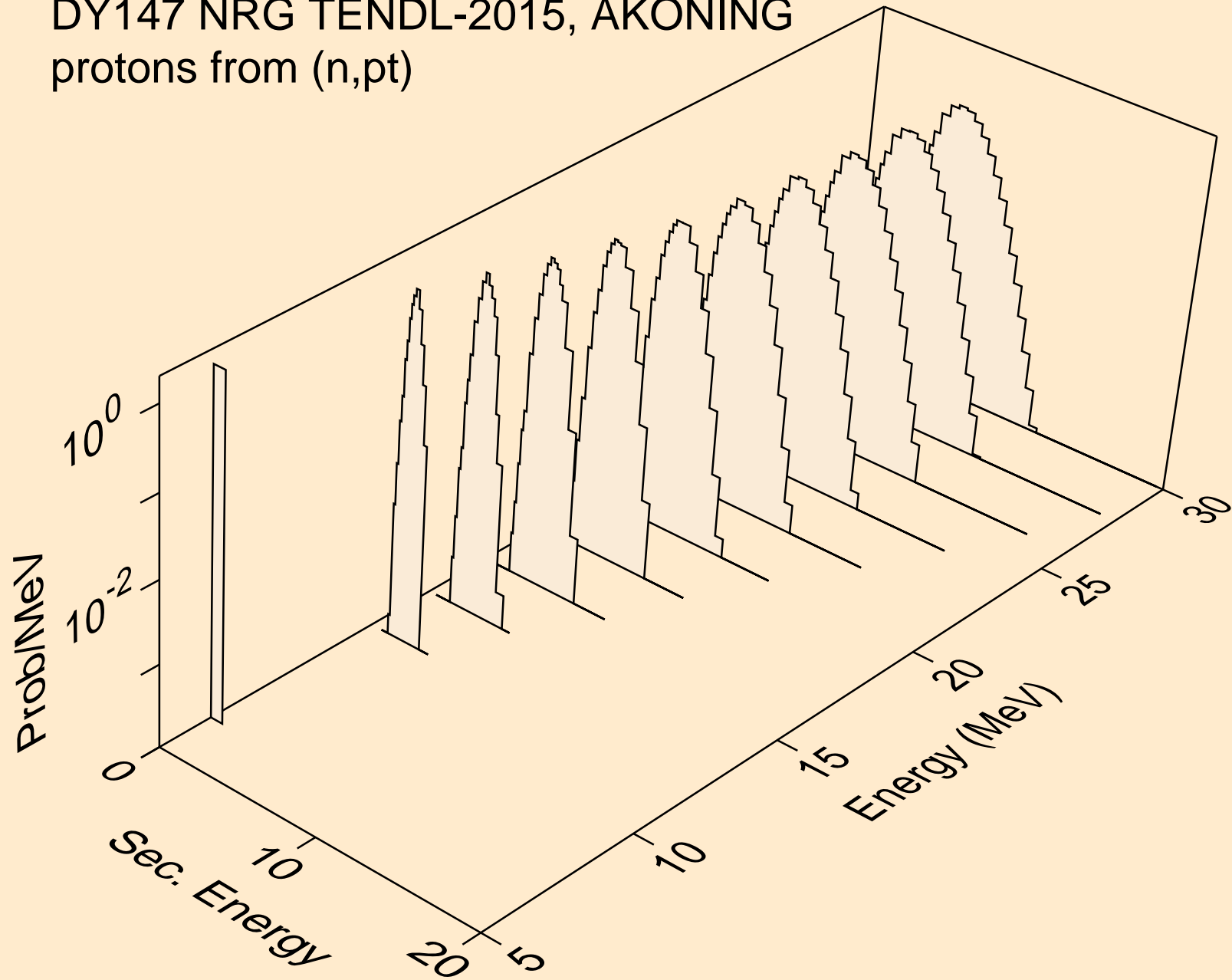
DY147 NRG TENDL-2015, AKONING  
protons from (n,pa)



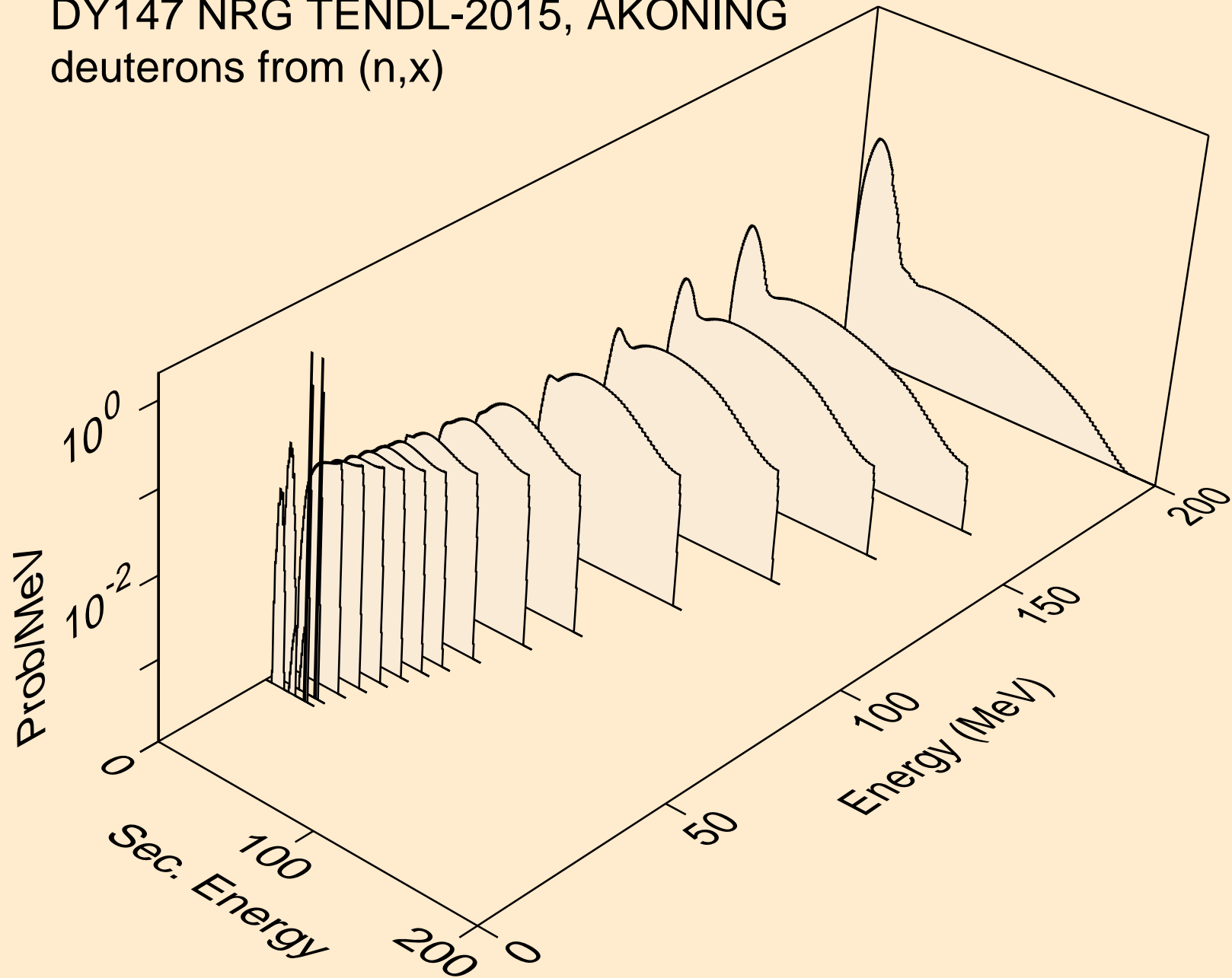
DY147 NRG TENDL-2015, AKONING  
protons from (n,pd)



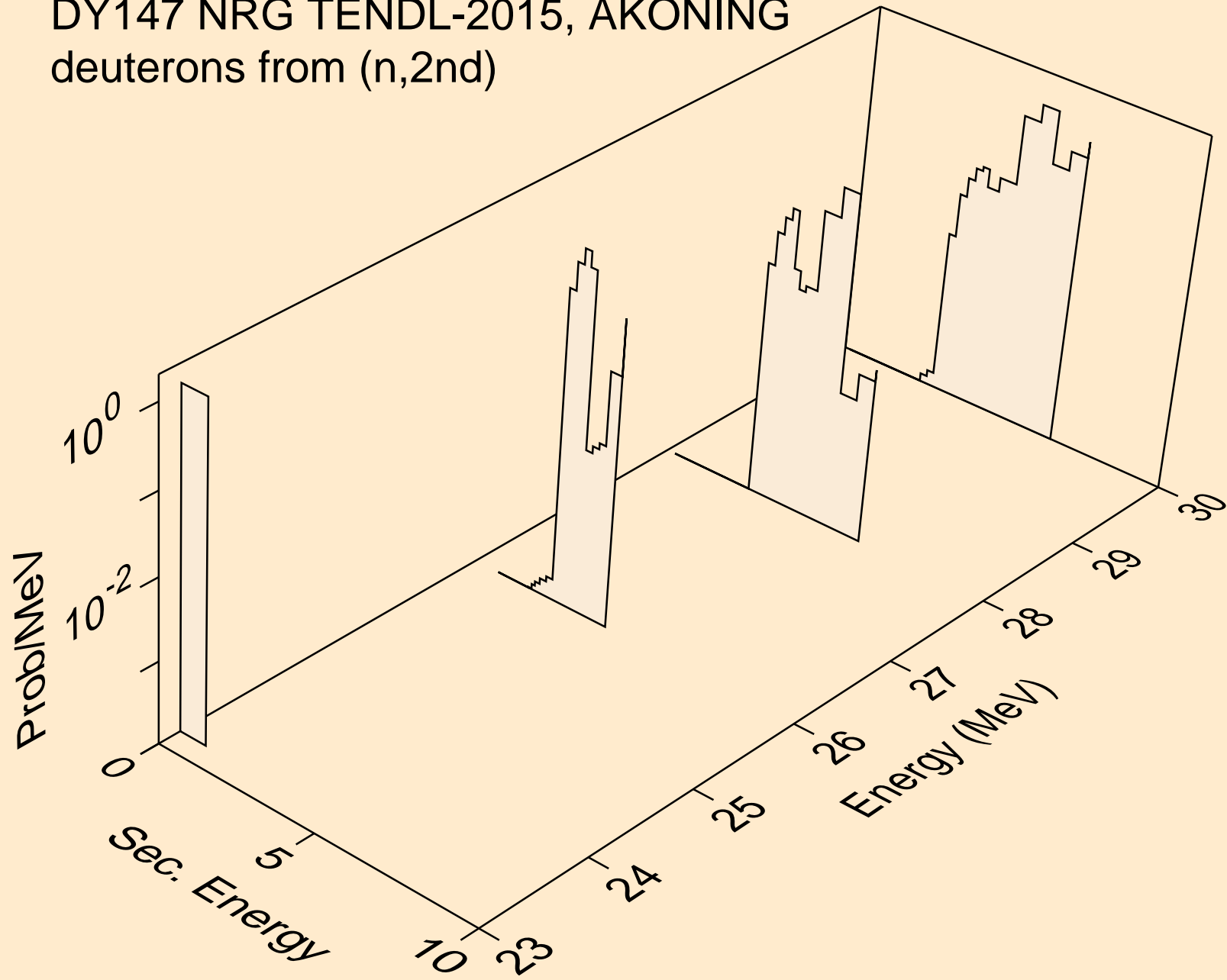
DY147 NRG TENDL-2015, AKONING  
protons from (n,pt)



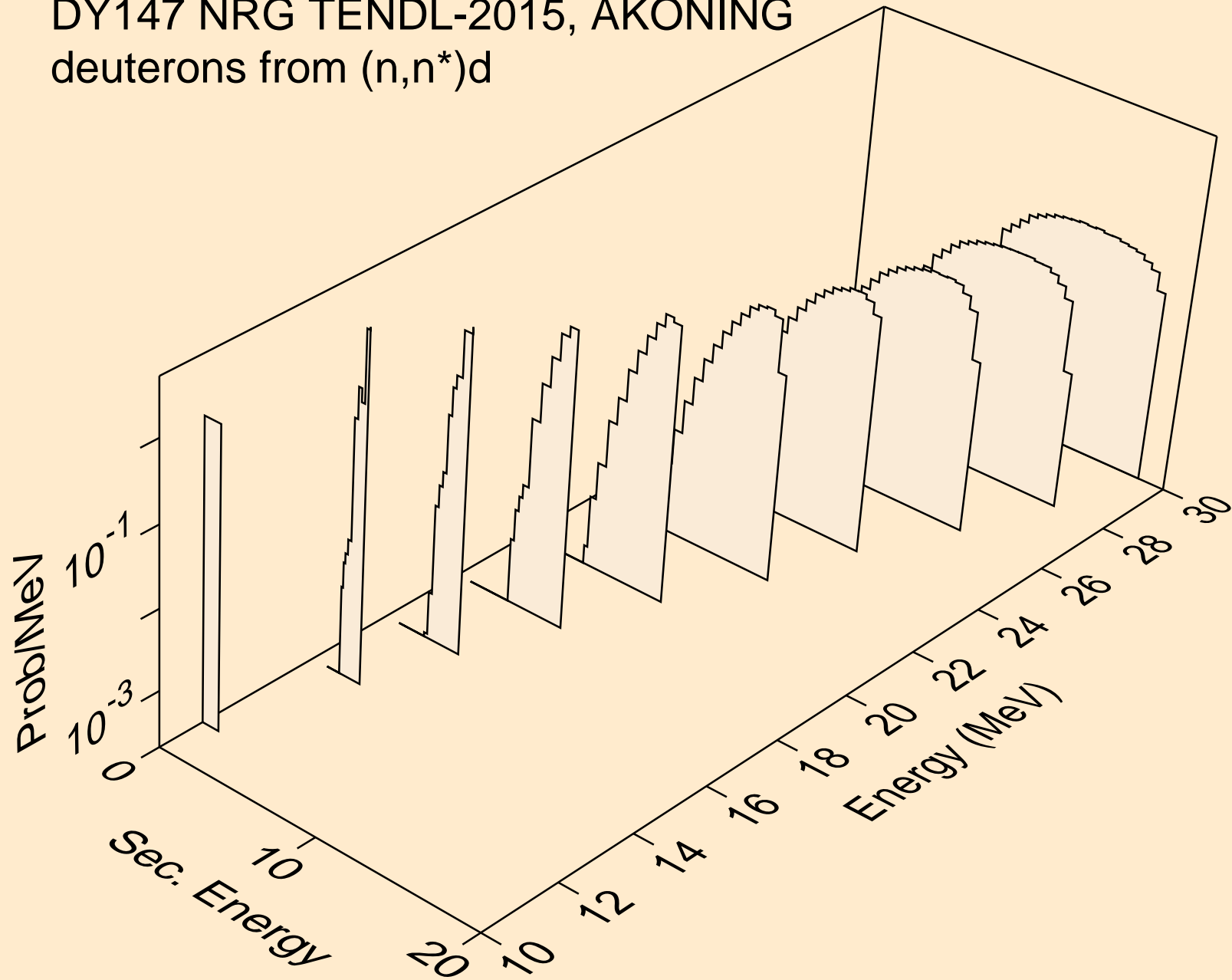
DY147 NRG TENDL-2015, AKONING  
deuterons from (n,x)



DY147 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

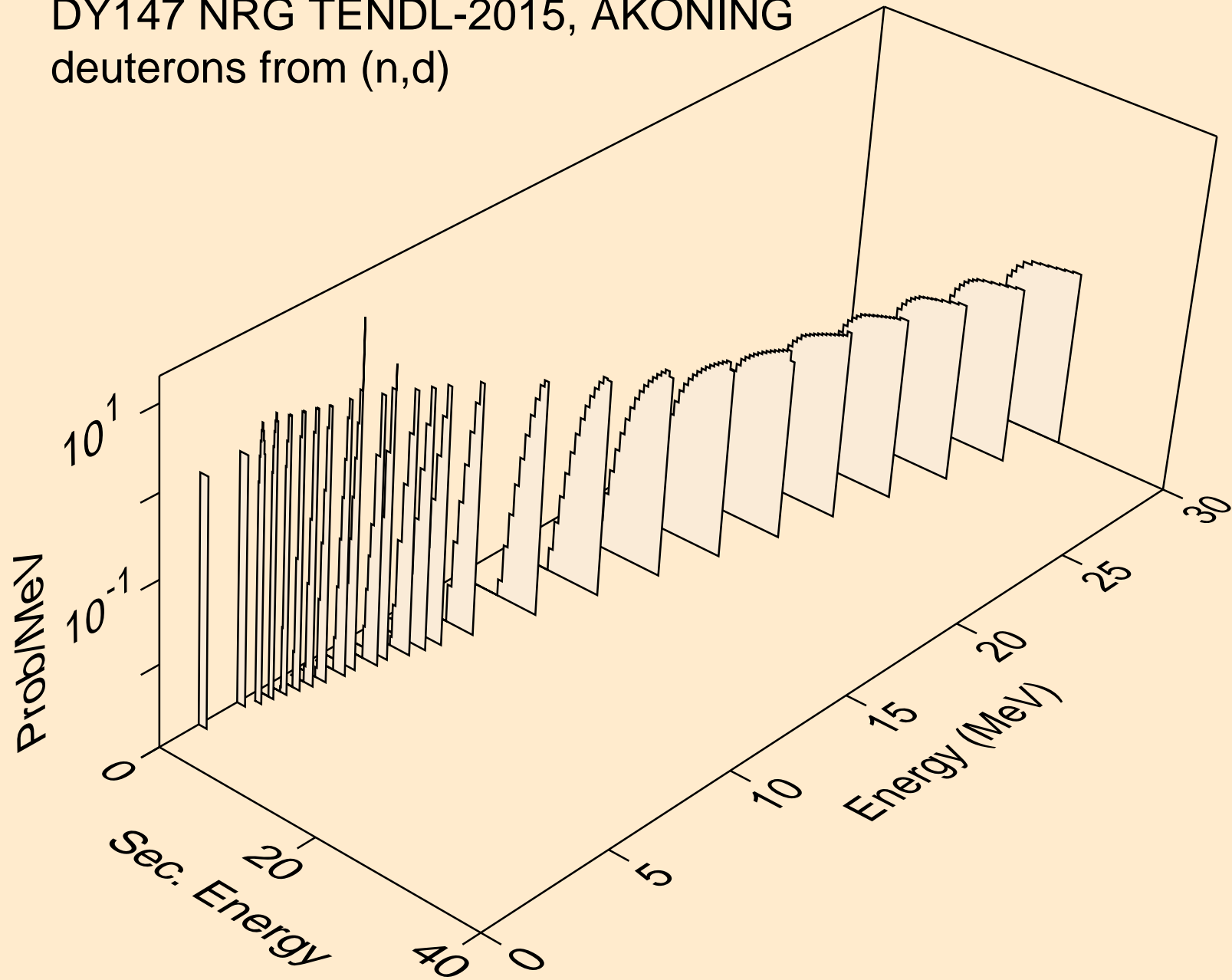


DY147 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

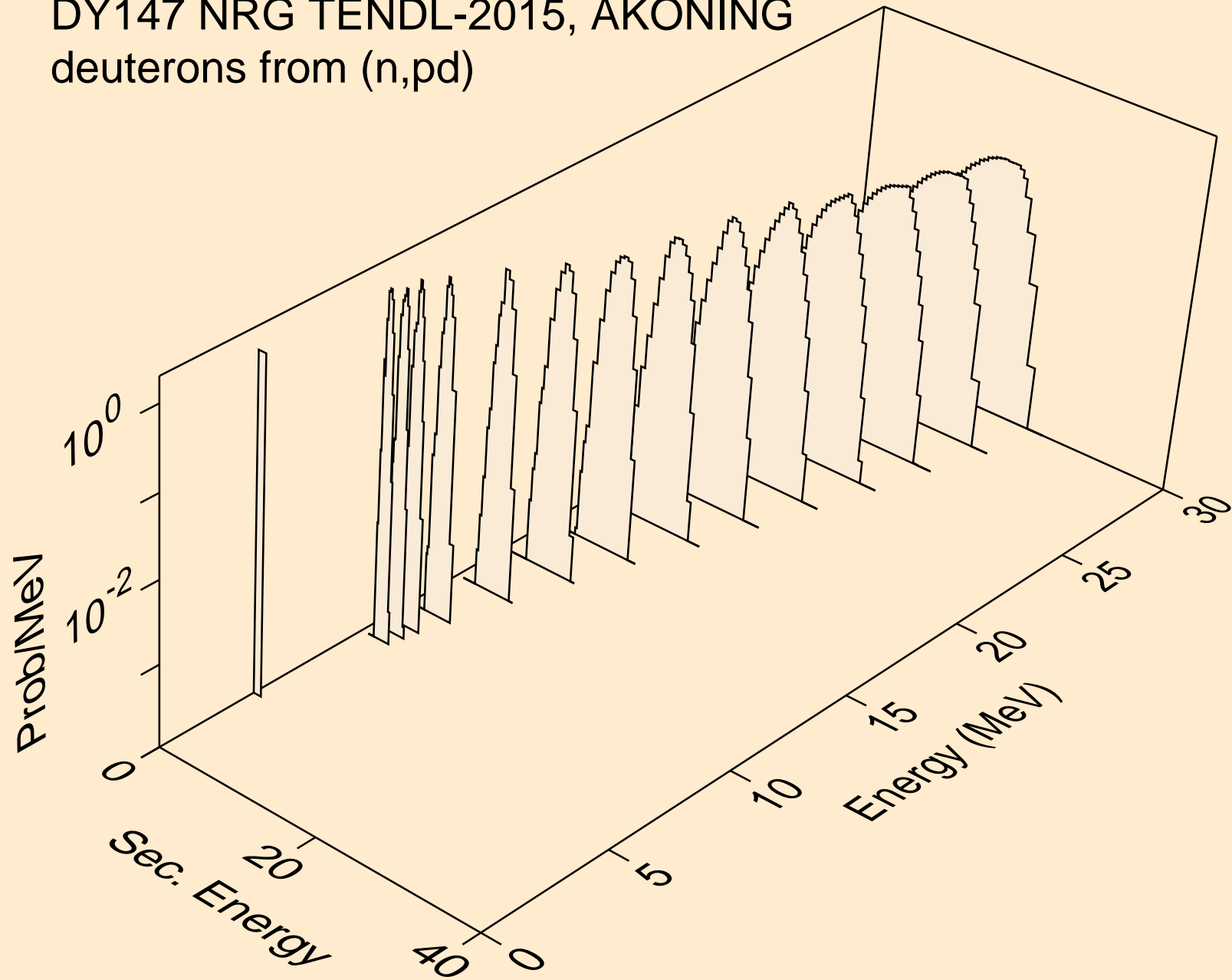




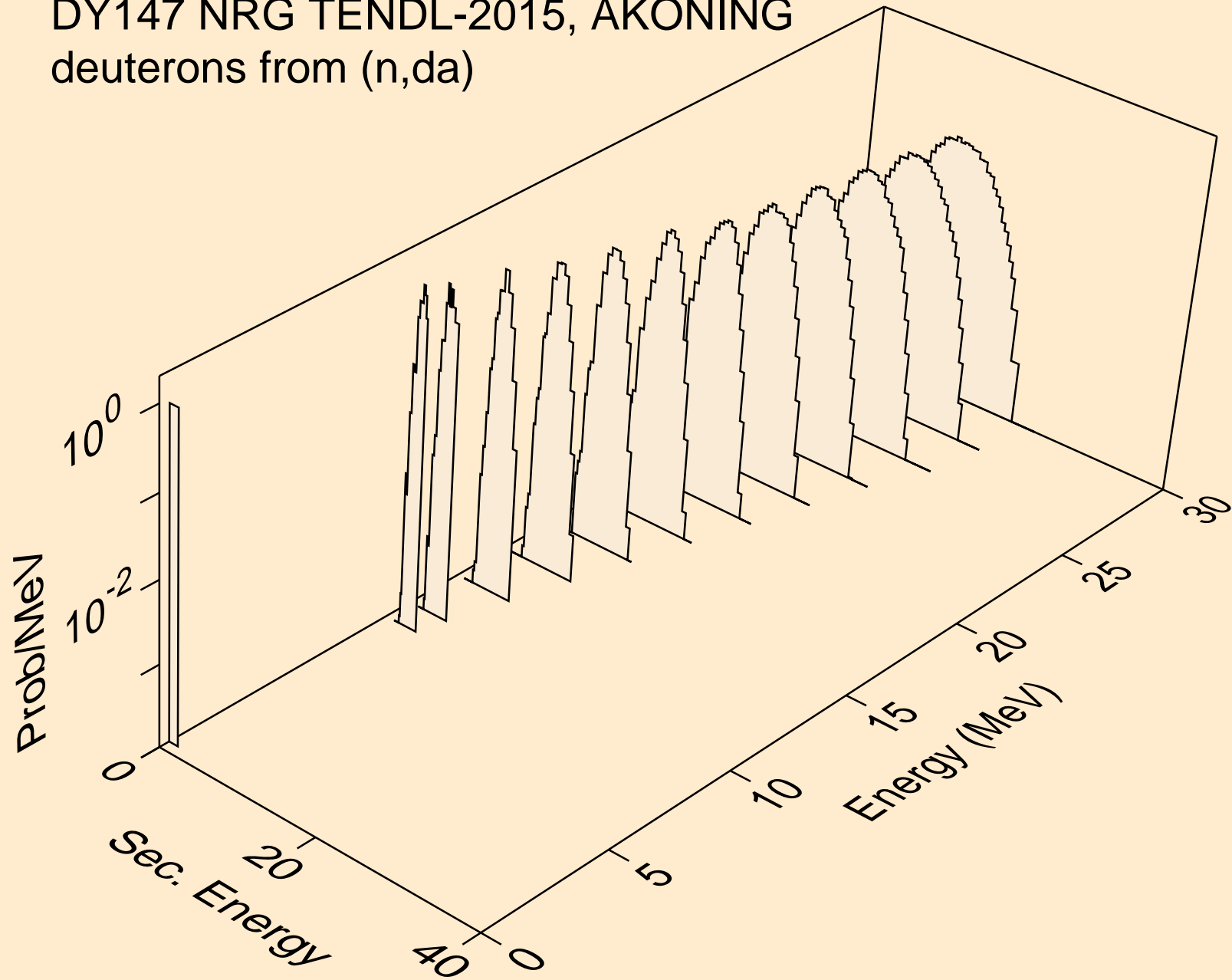
DY147 NRG TENDL-2015, AKONING  
deuterons from (n,d)



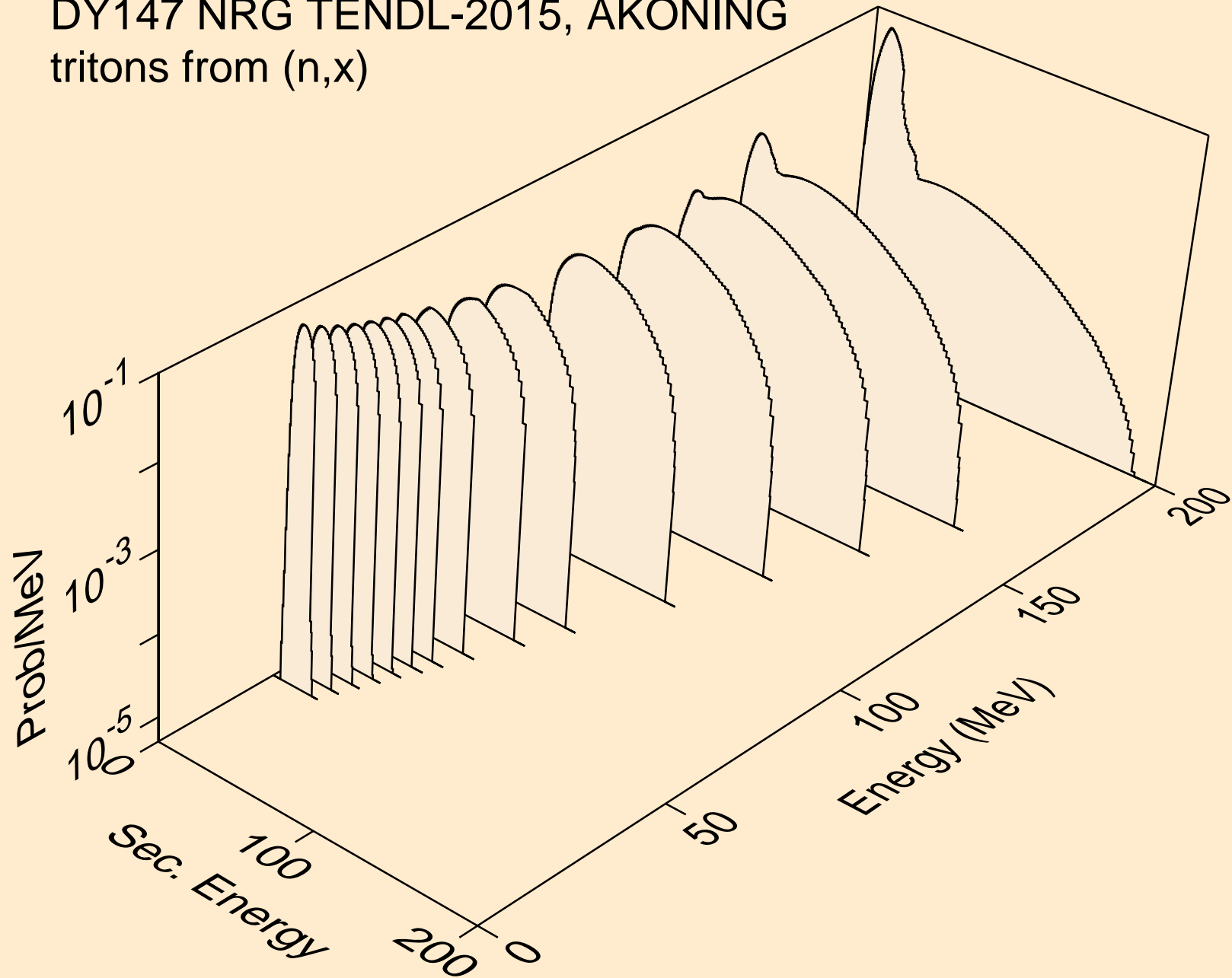
DY147 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



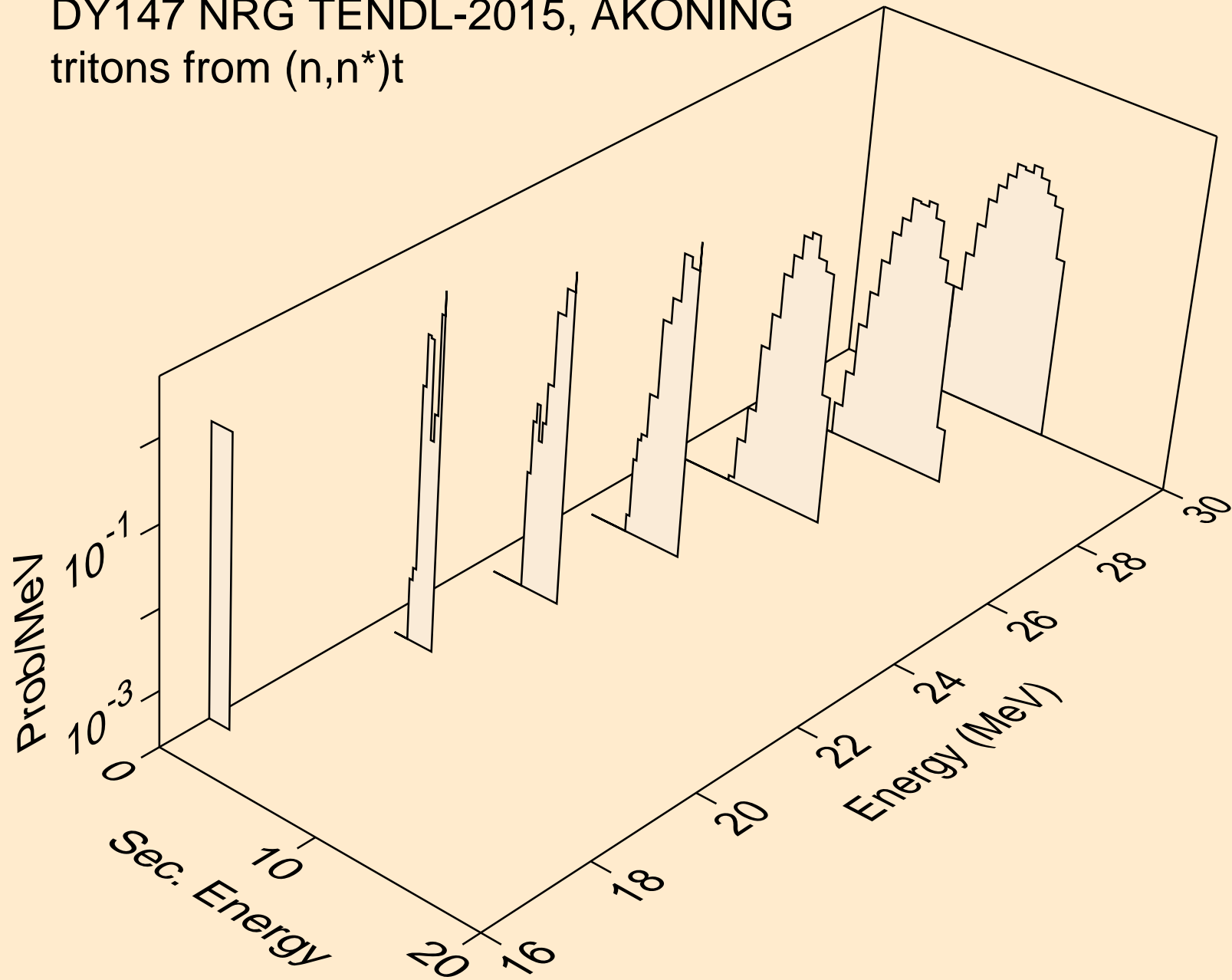
DY147 NRG TENDL-2015, AKONING  
deuterons from (n,da)



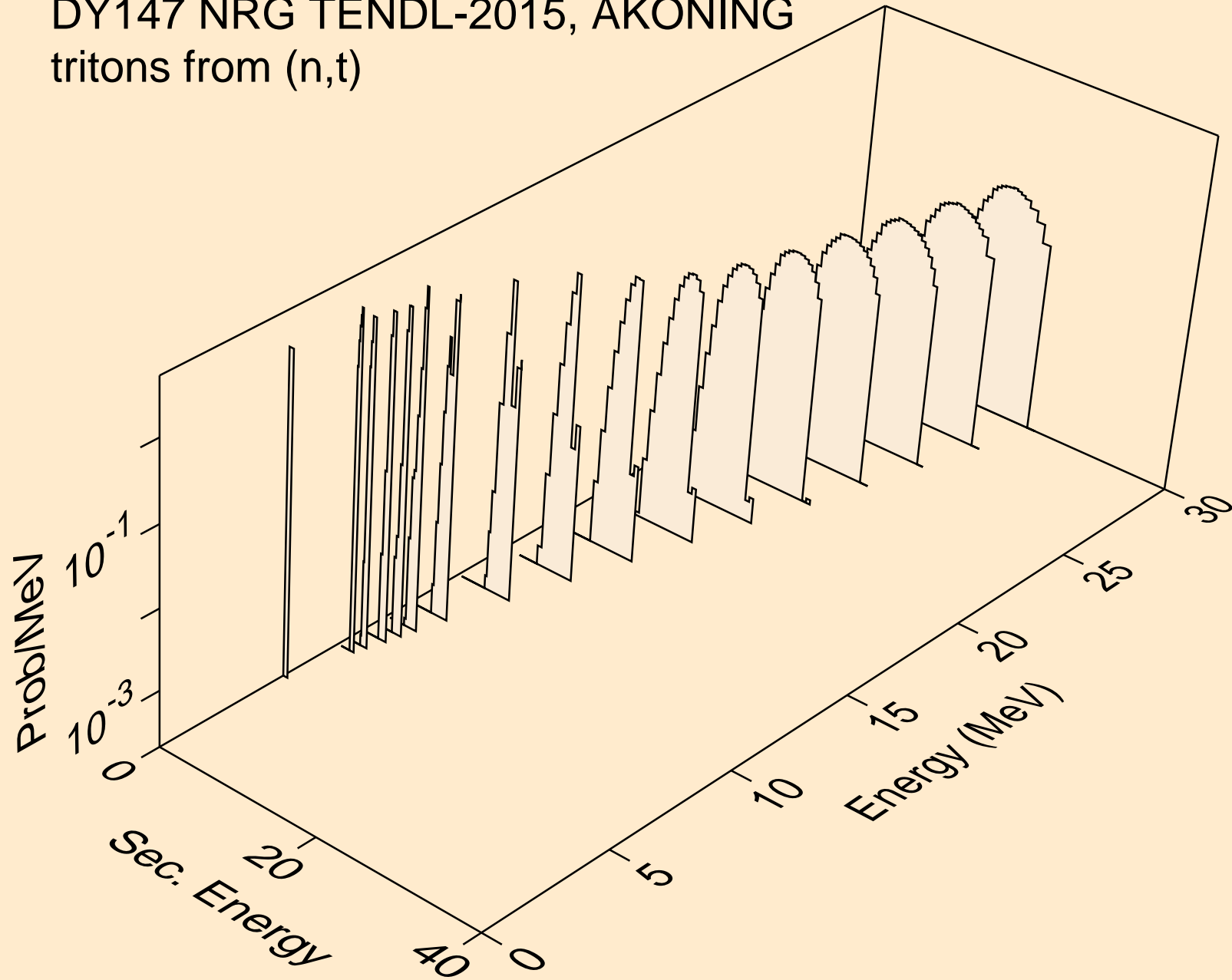
DY147 NRG TENDL-2015, AKONING  
tritons from (n,x)



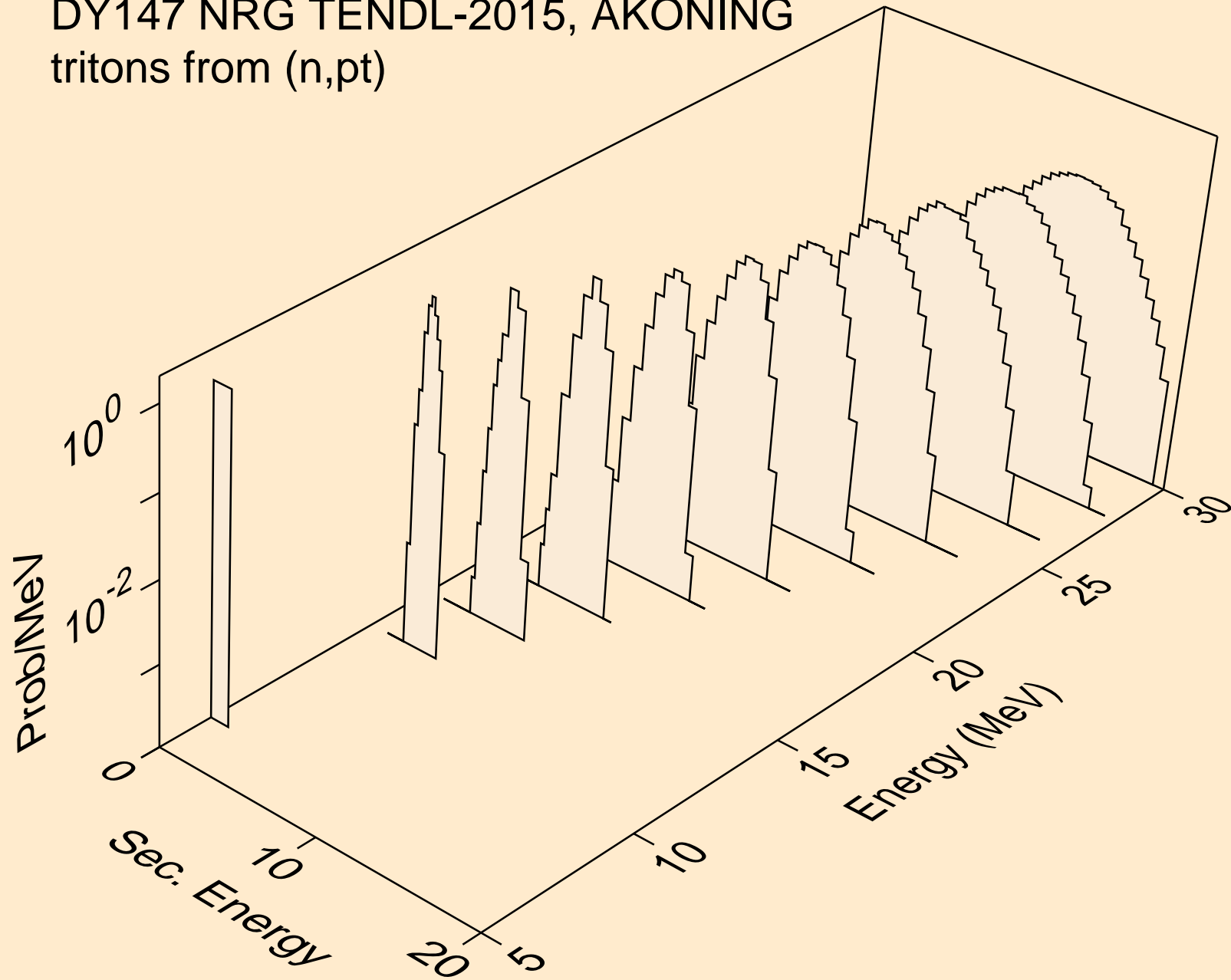
DY147 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



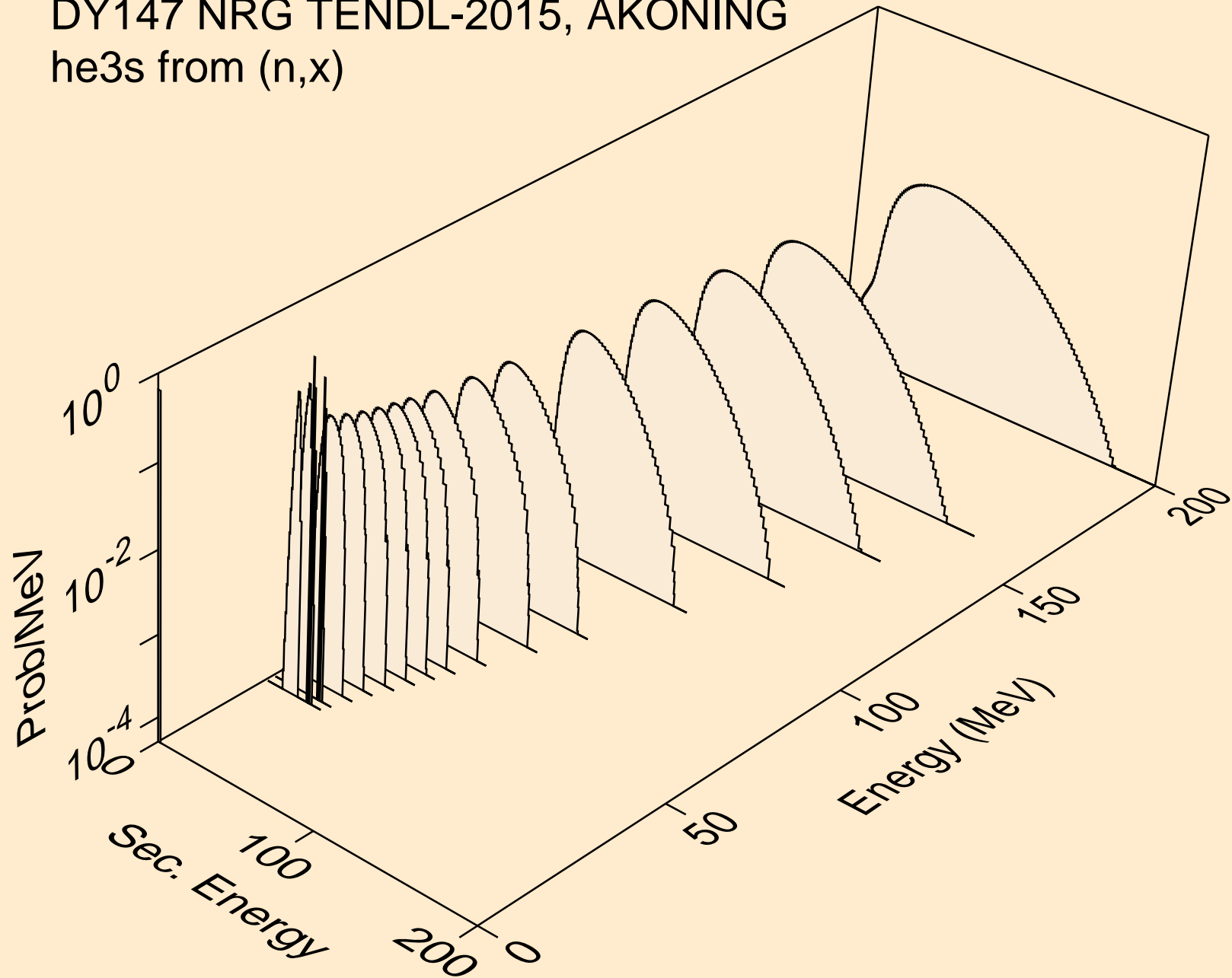
DY147 NRG TENDL-2015, AKONING  
tritons from (n,t)



DY147 NRG TENDL-2015, AKONING  
tritons from (n,pt)

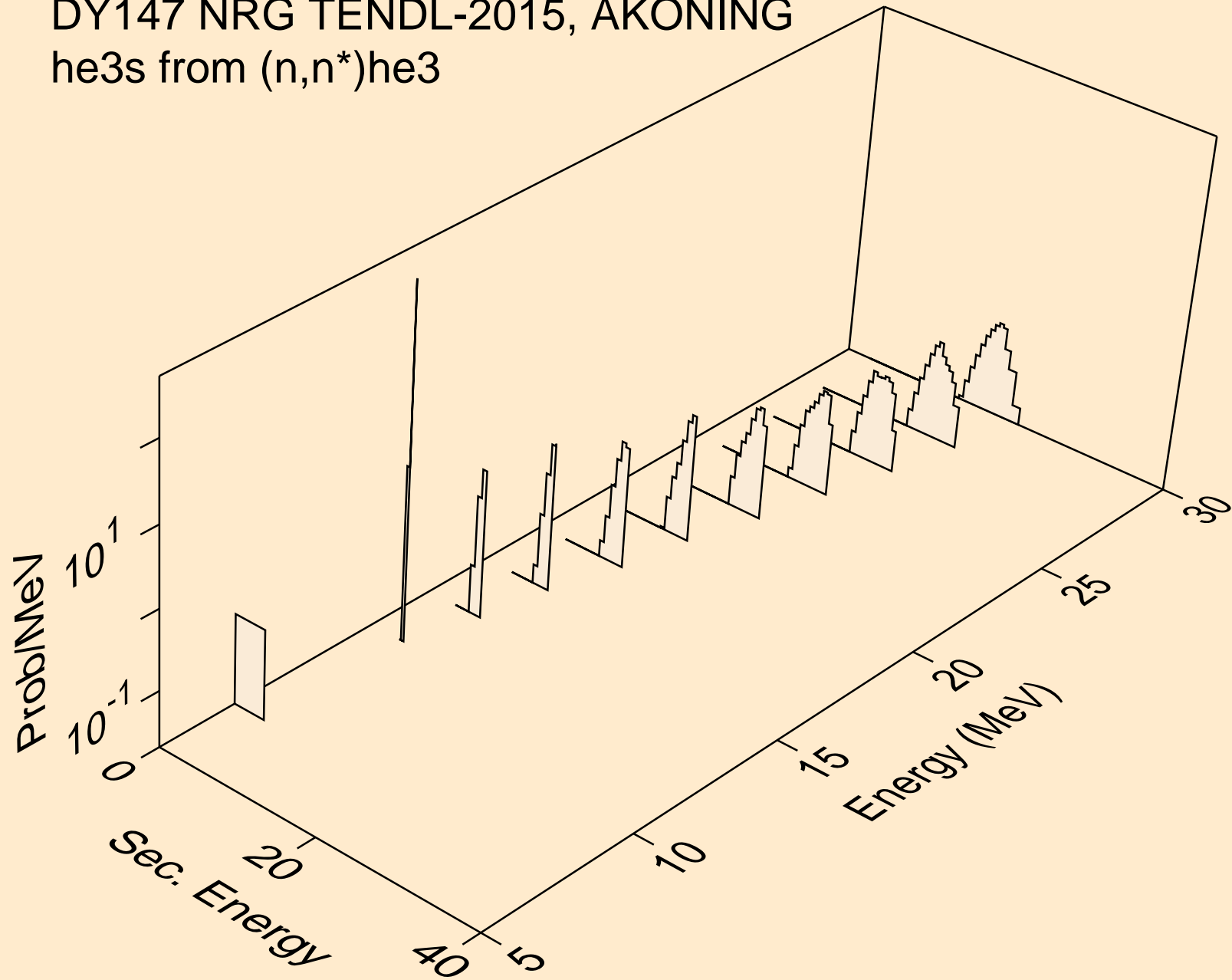


DY147 NRG TENDL-2015, AKONING  
he3s from (n,x)

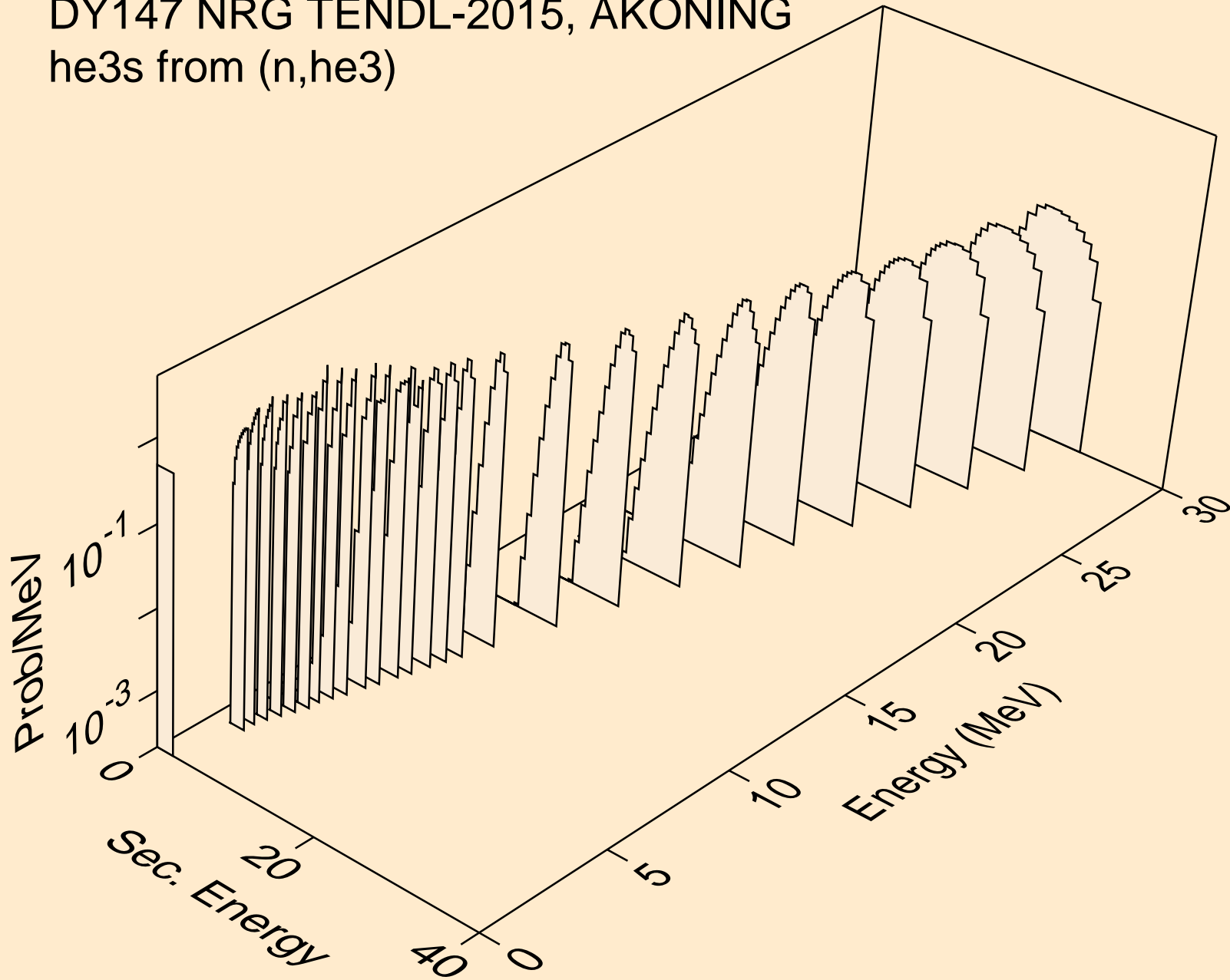




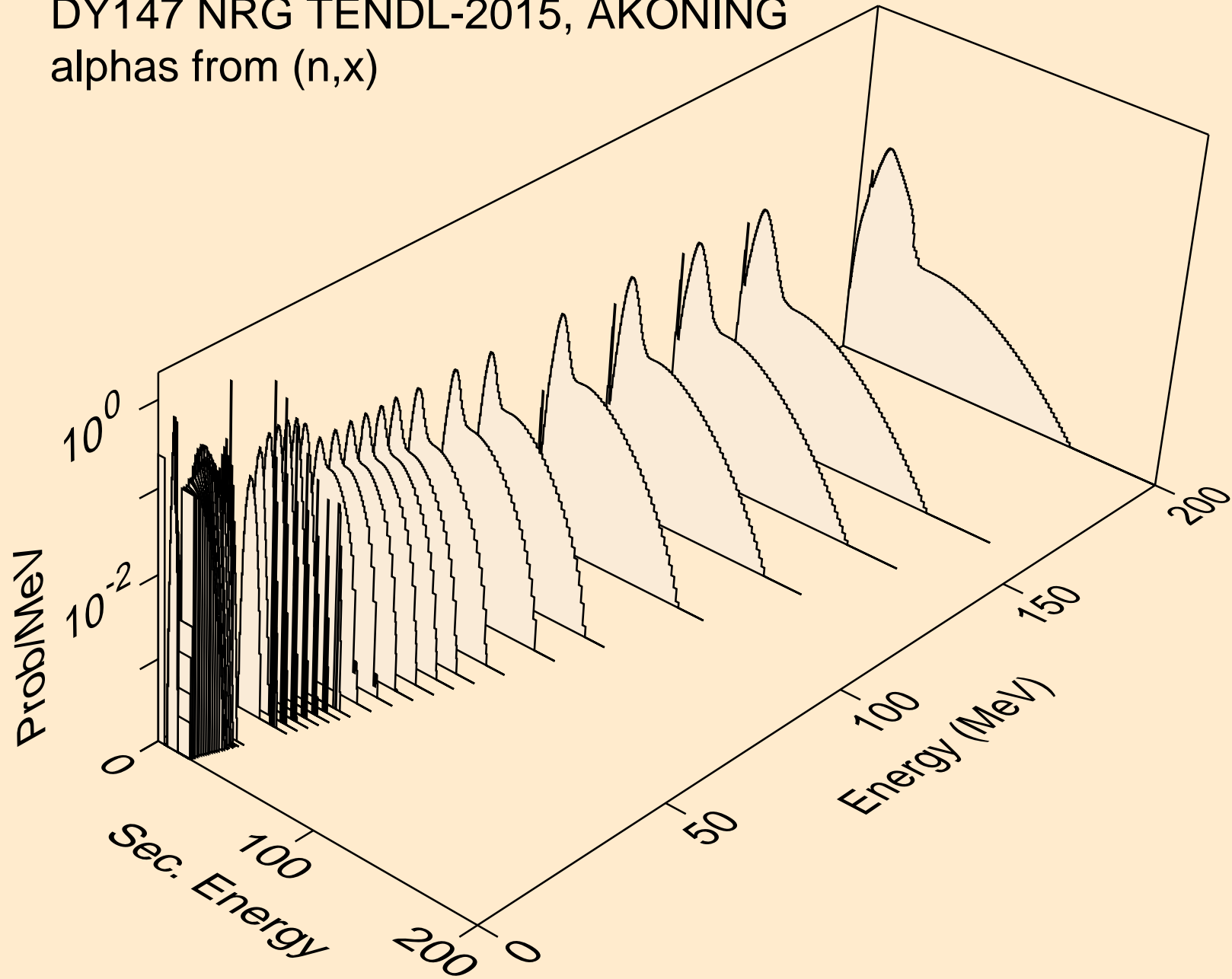
DY147 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



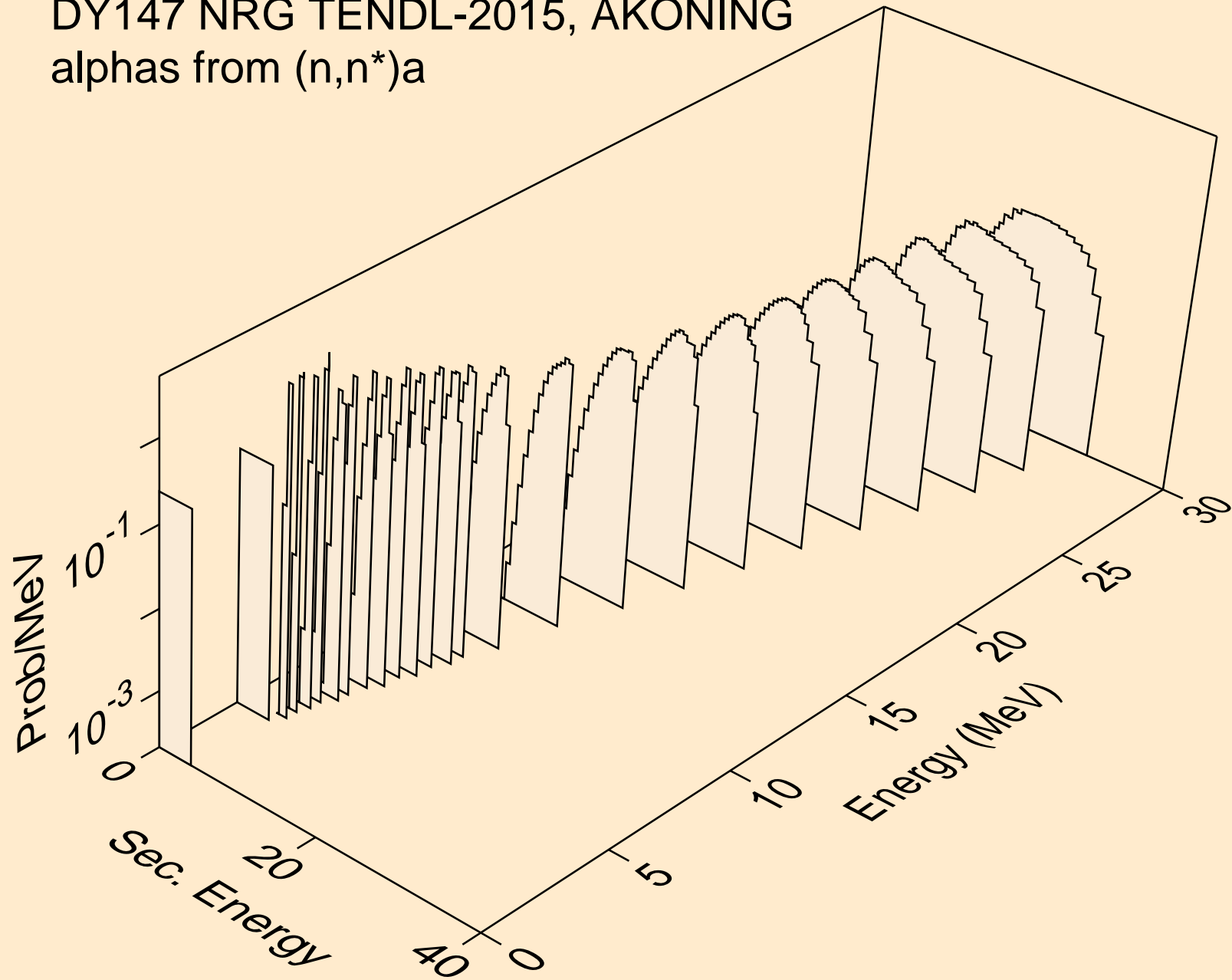
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he3s from (n,he3)



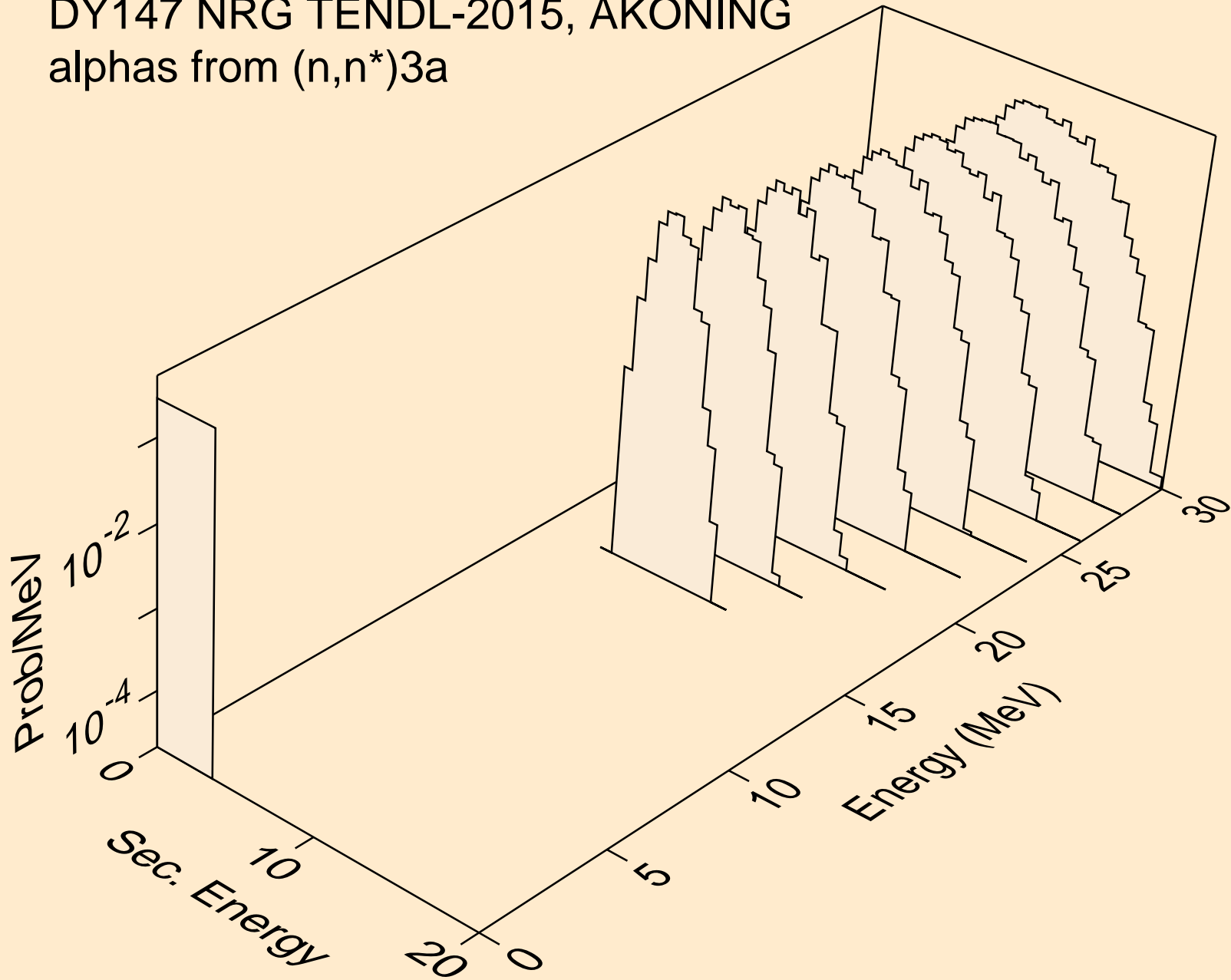
DY147 NRG TENDL-2015, AKONING  
alphas from (n,x)



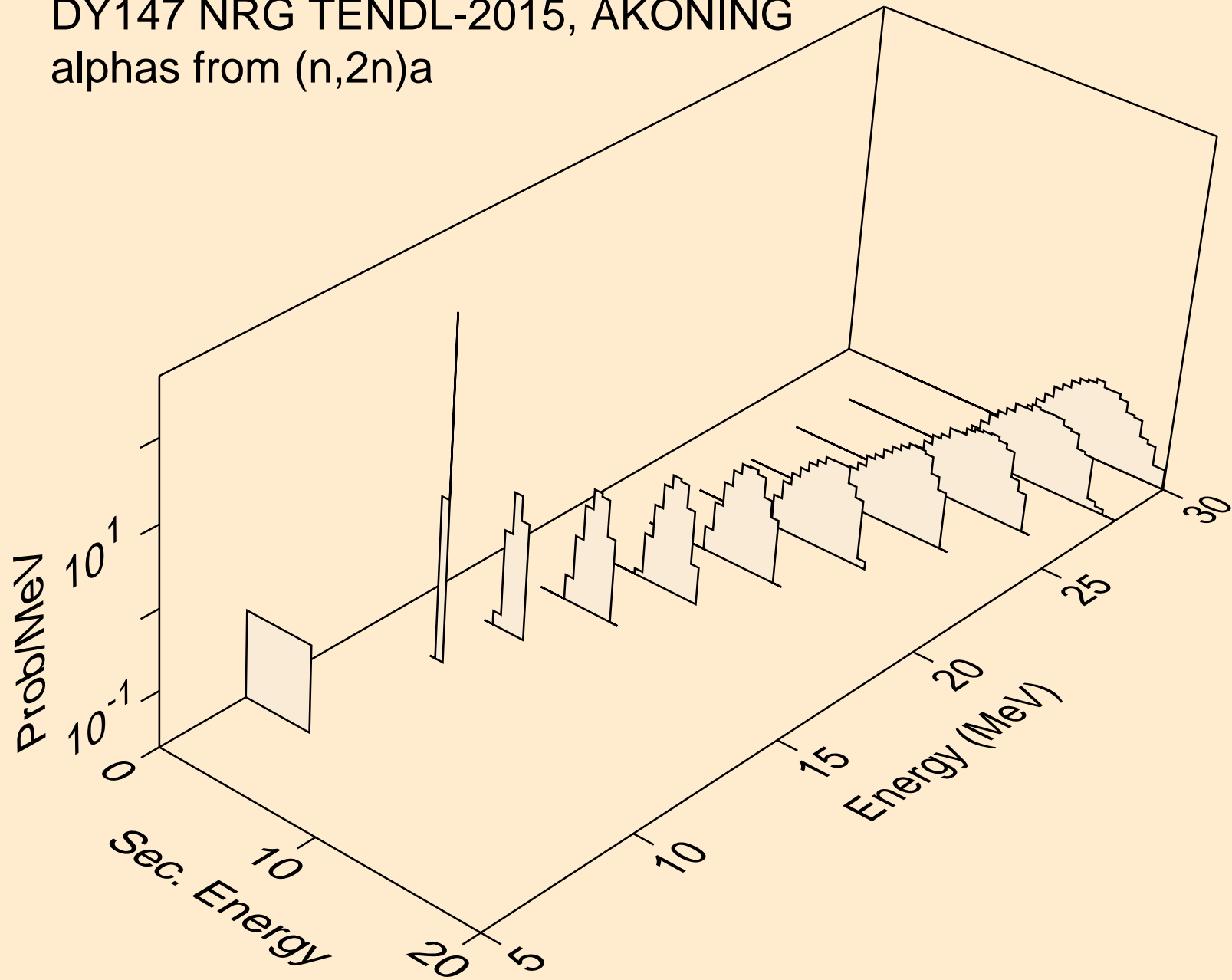
DY147 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



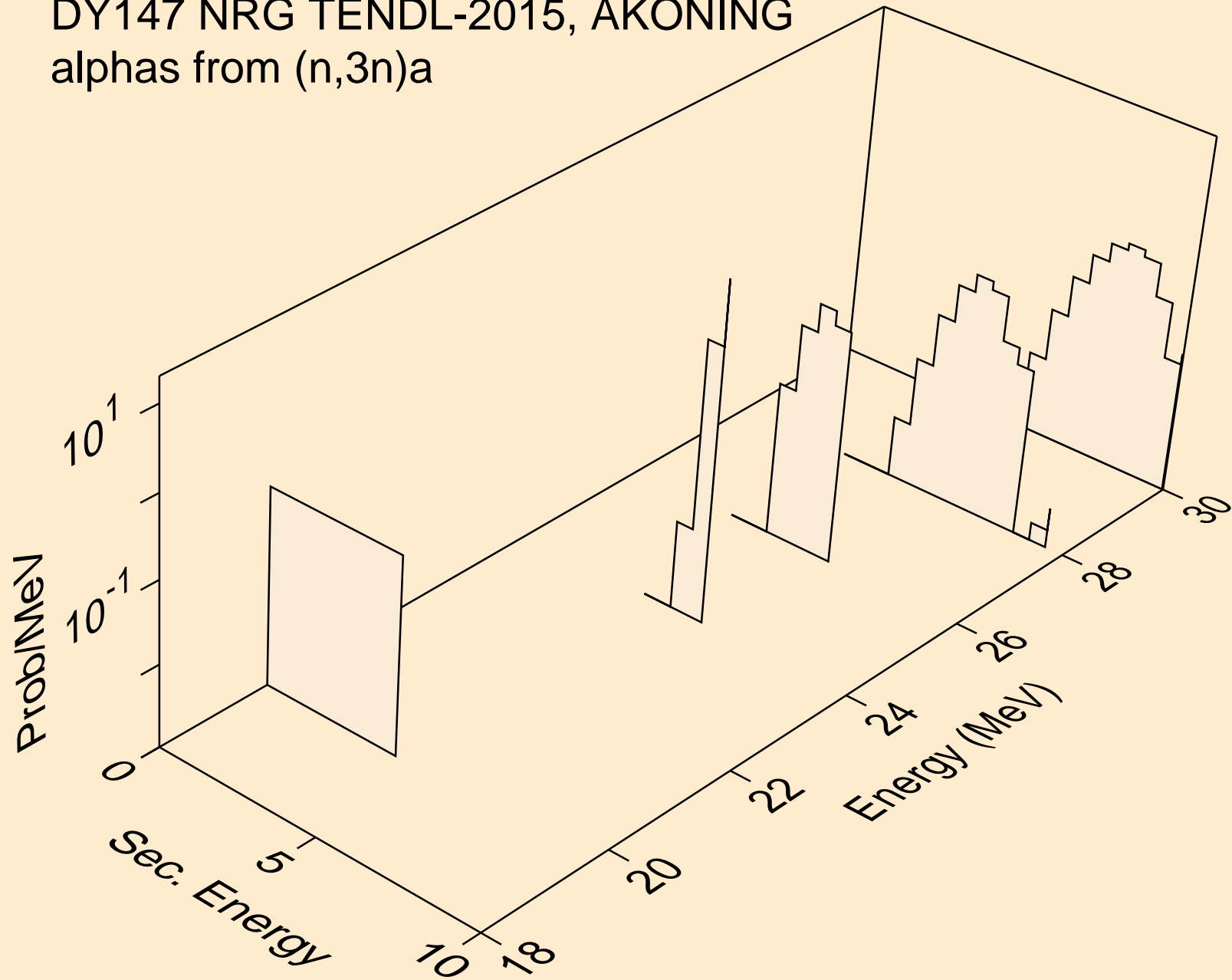
DY147 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



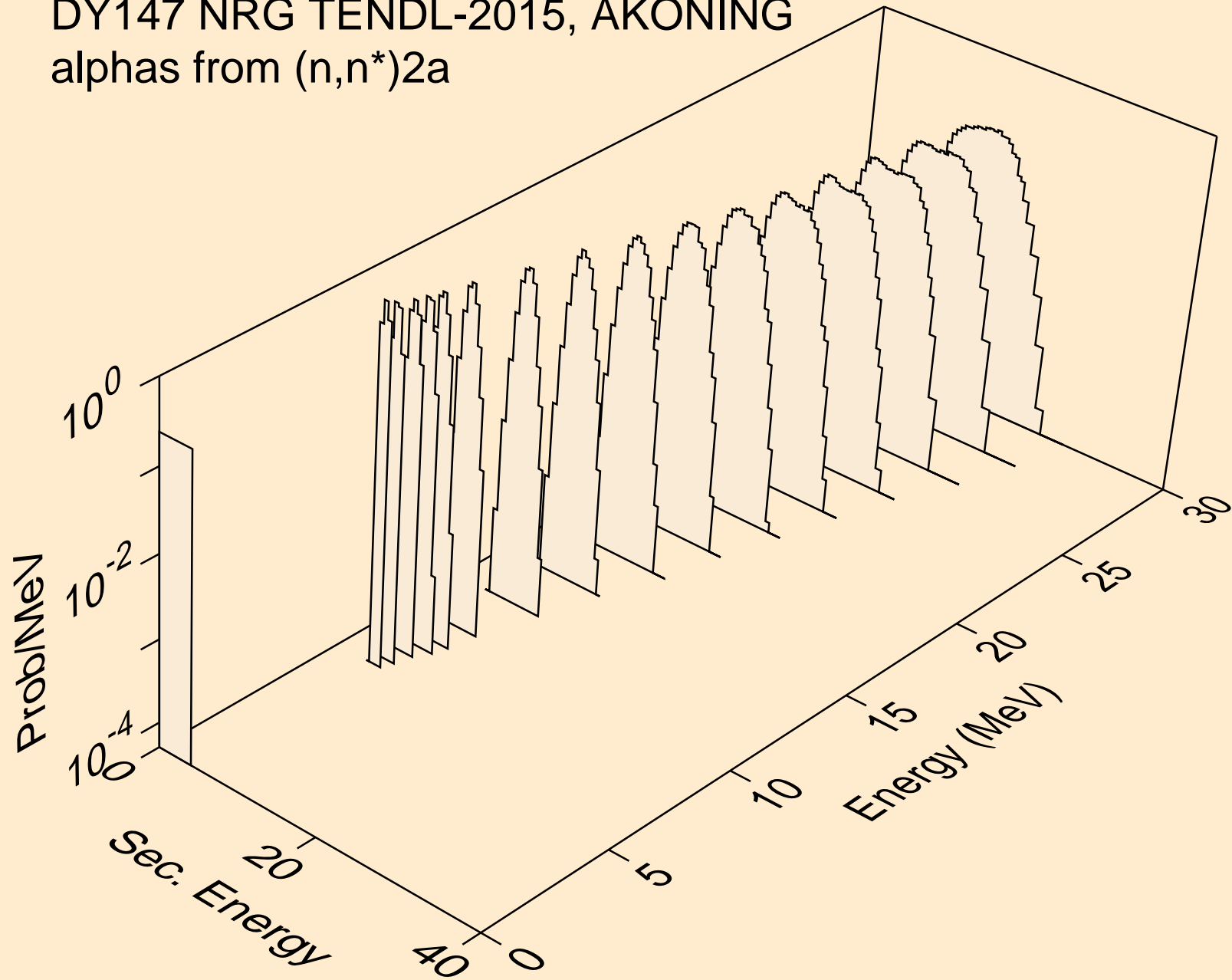
DY147 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



DY147 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

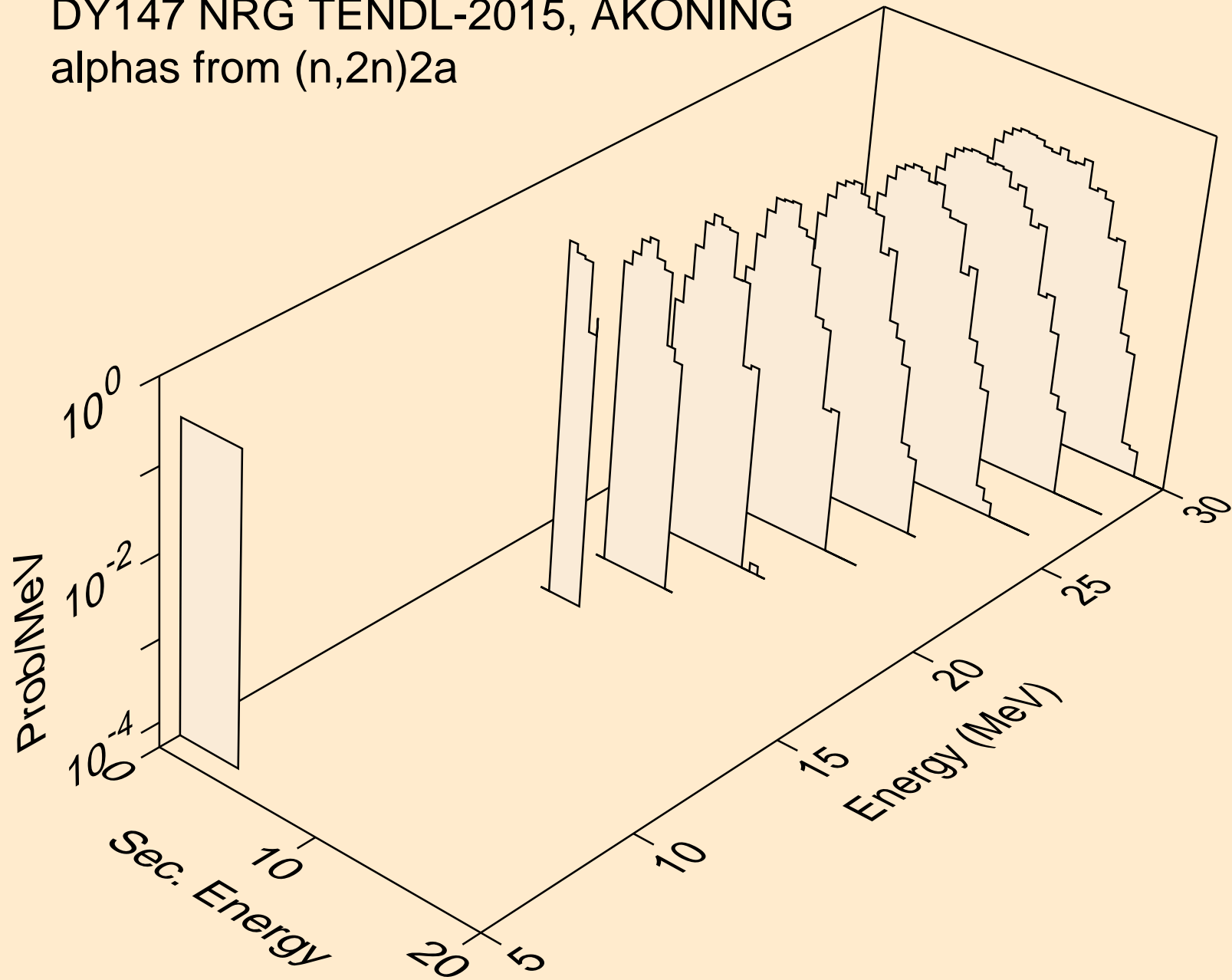


DY147 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

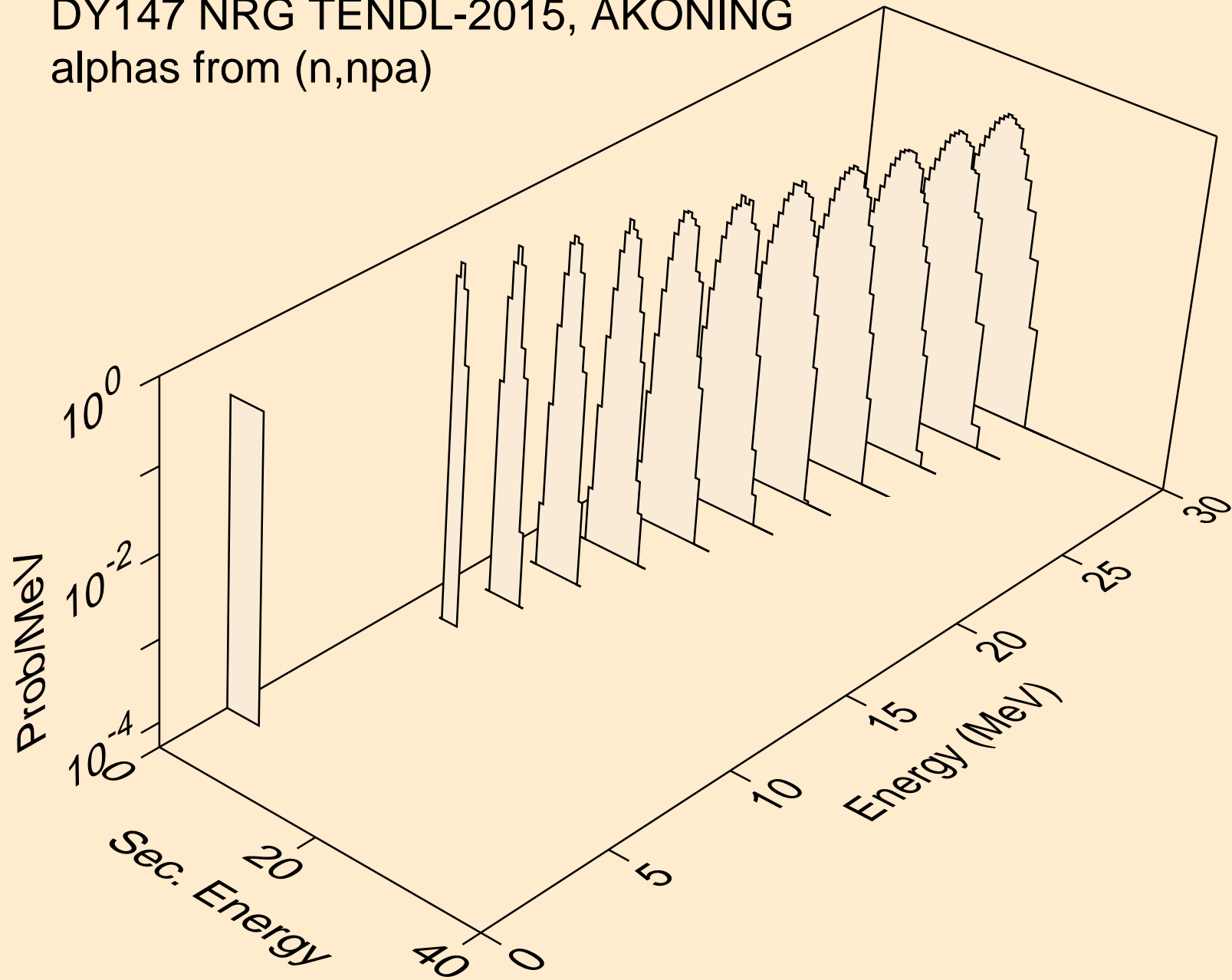




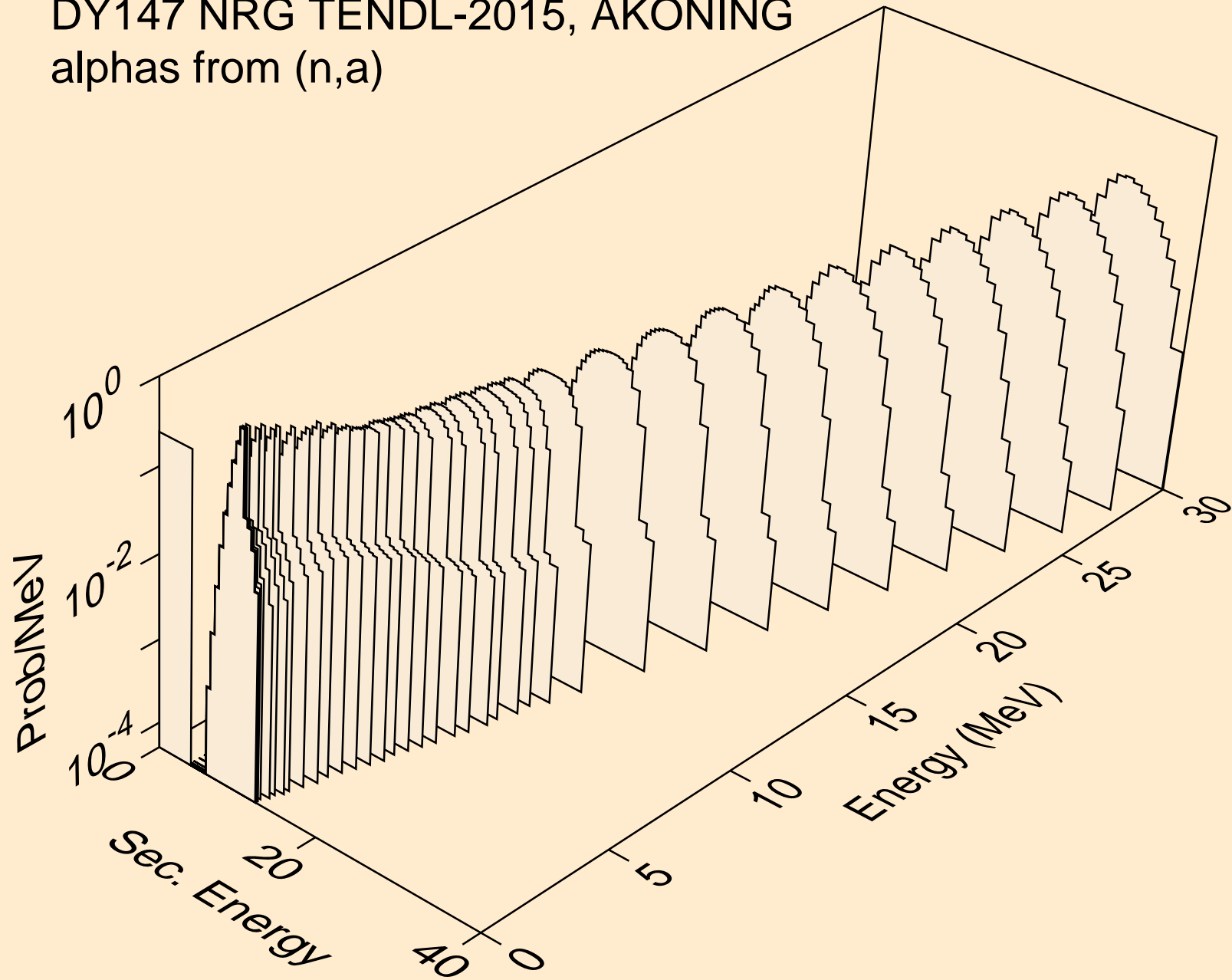
DY147 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



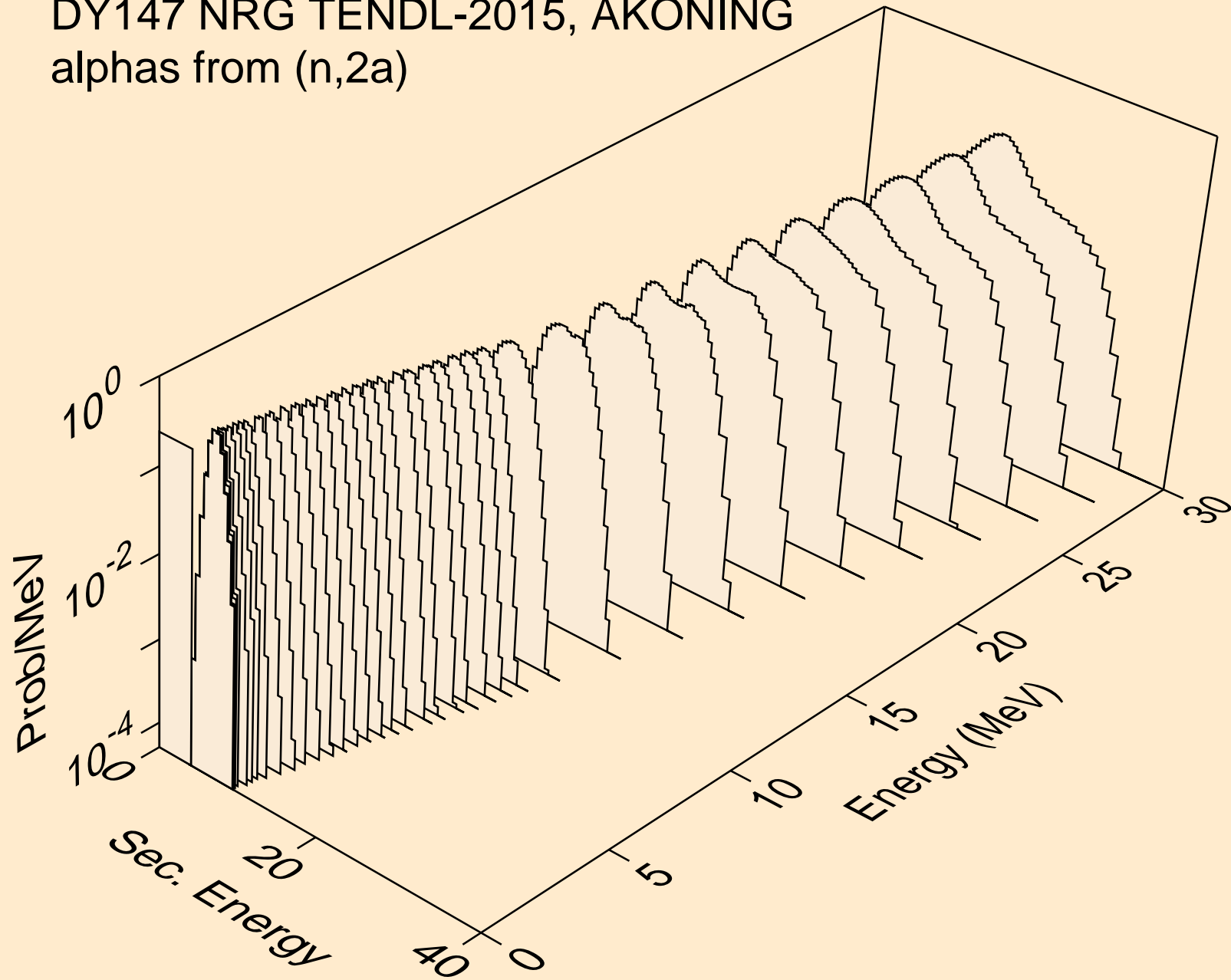
DY147 NRG TENDL-2015, AKONING  
alphas from (n,npa)



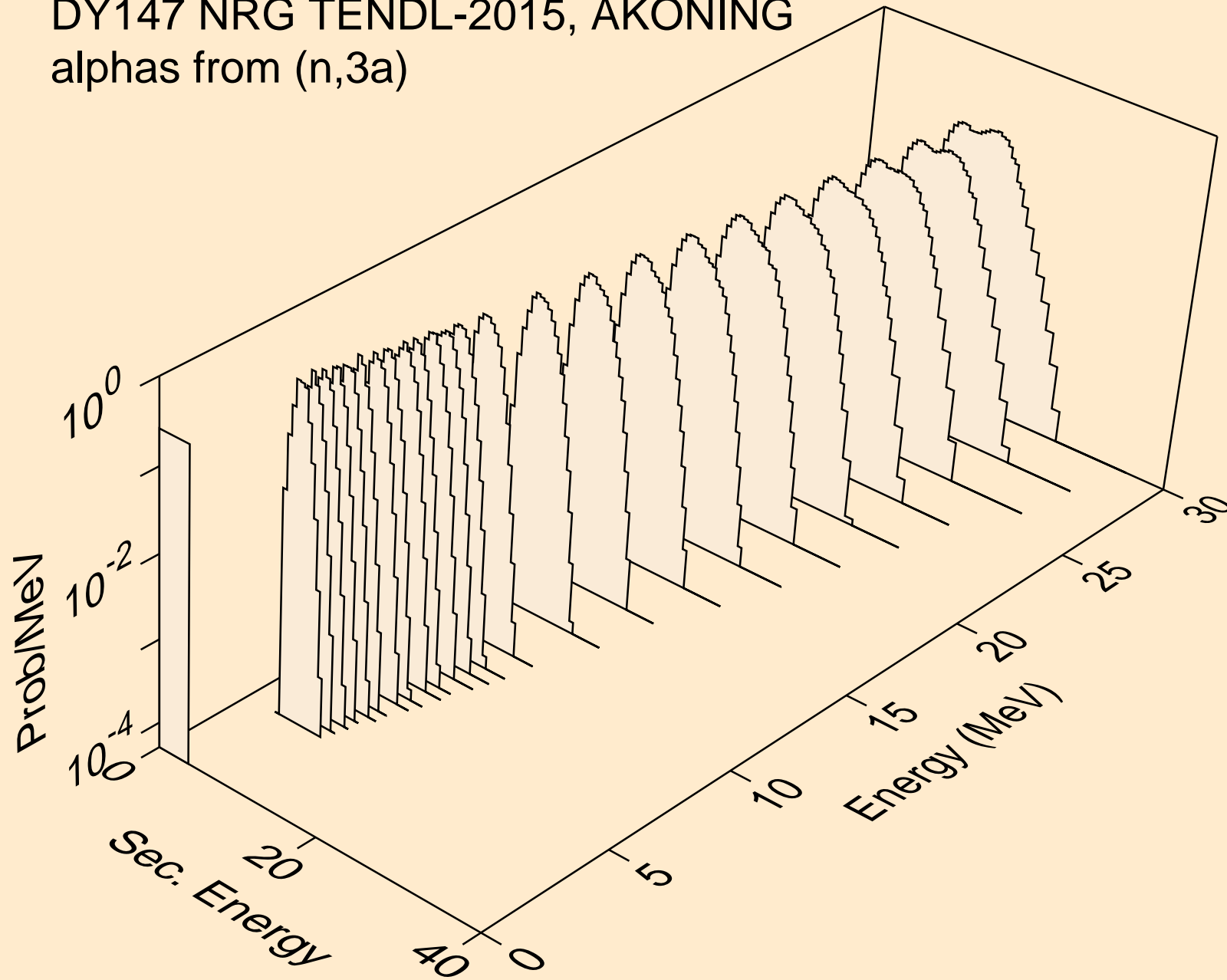
DY147 NRG TENDL-2015, AKONING  
alphas from (n,a)



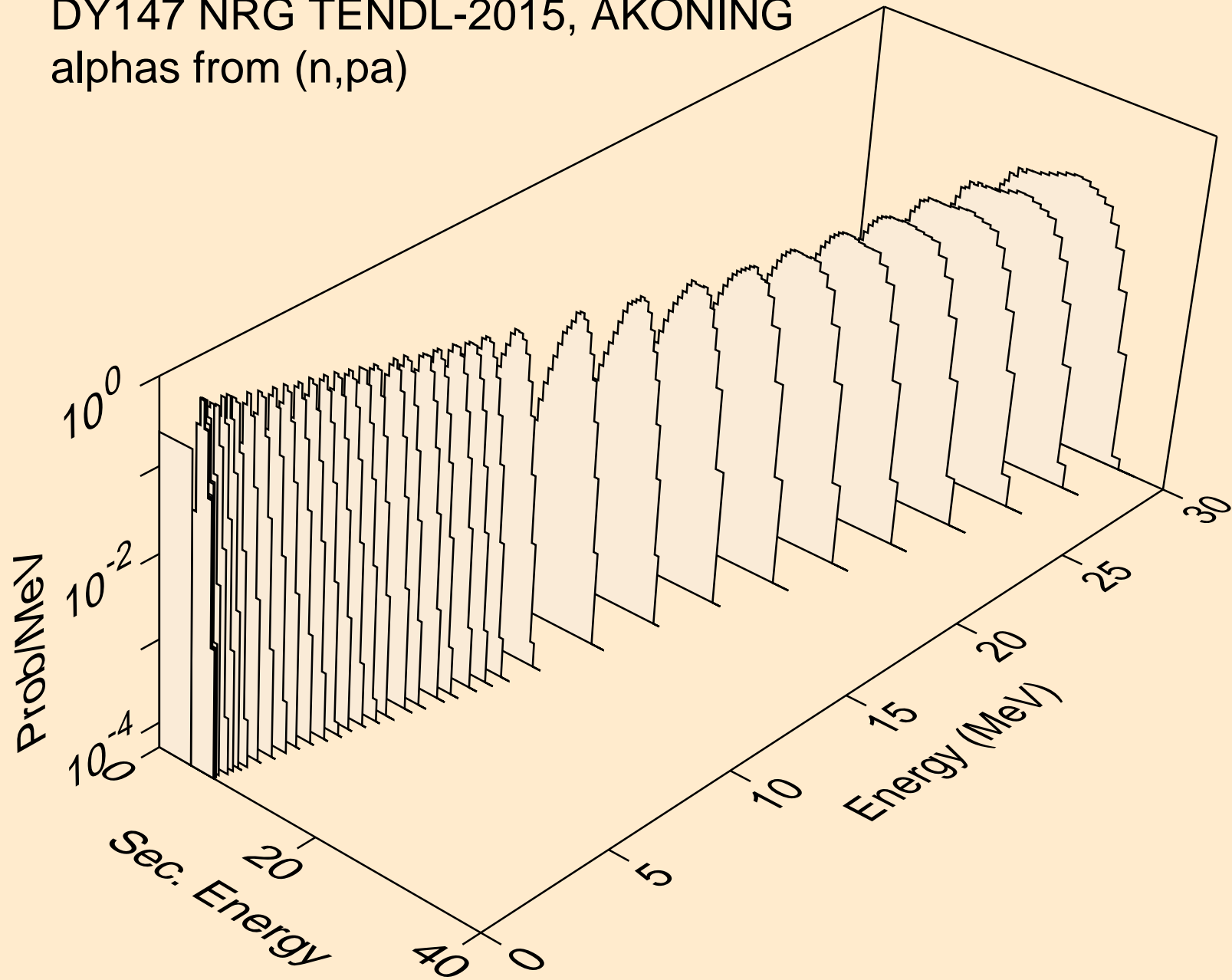
DY147 NRG TENDL-2015, AKONING  
alphas from (n,2a)



DY147 NRG TENDL-2015, AKONING  
alphas from (n,3a)



DY147 NRG TENDL-2015, AKONING  
alphas from (n,pa)



DY147 NRG TENDL-2015, AKONING  
alphas from (n,da)

