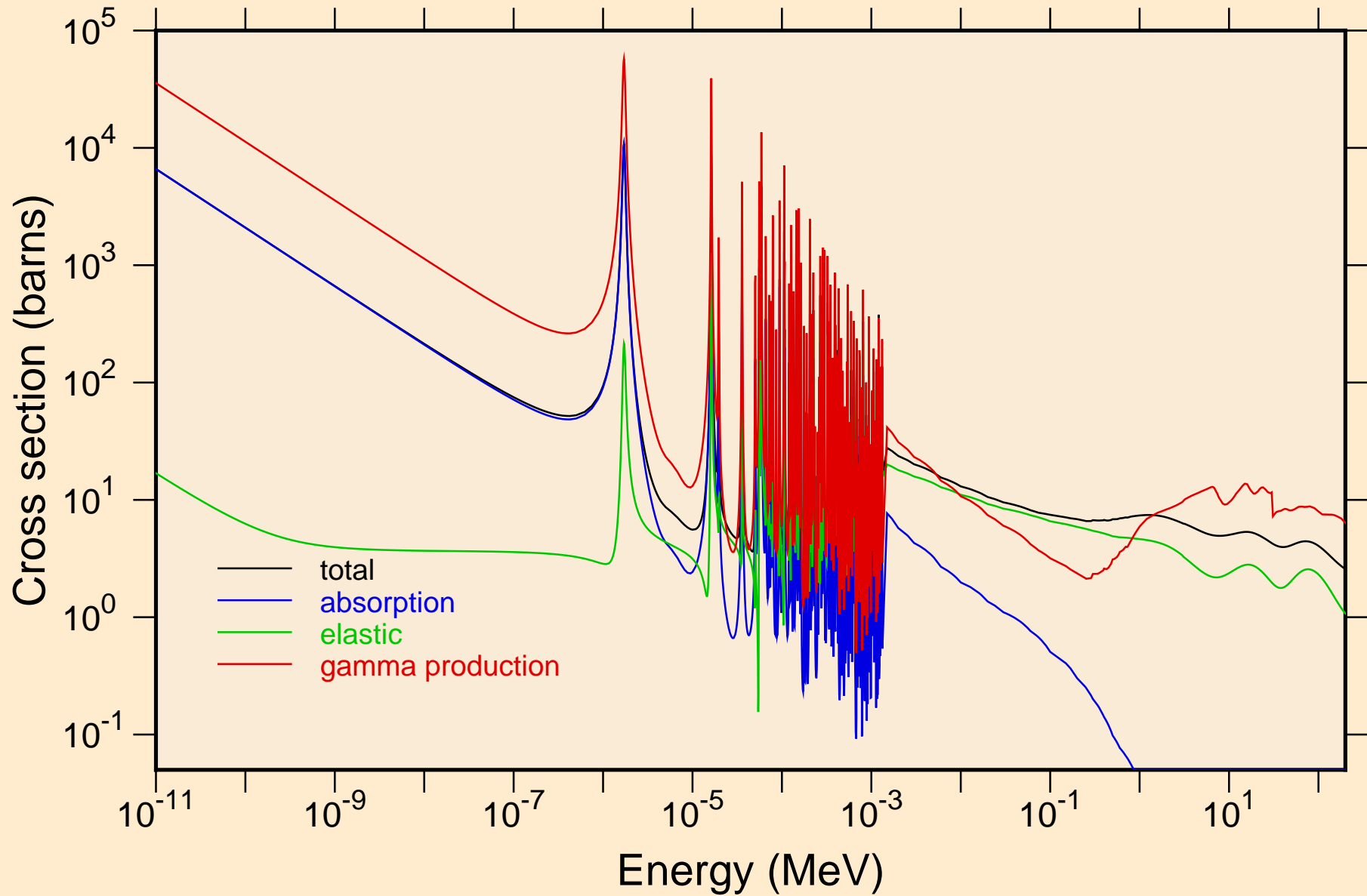
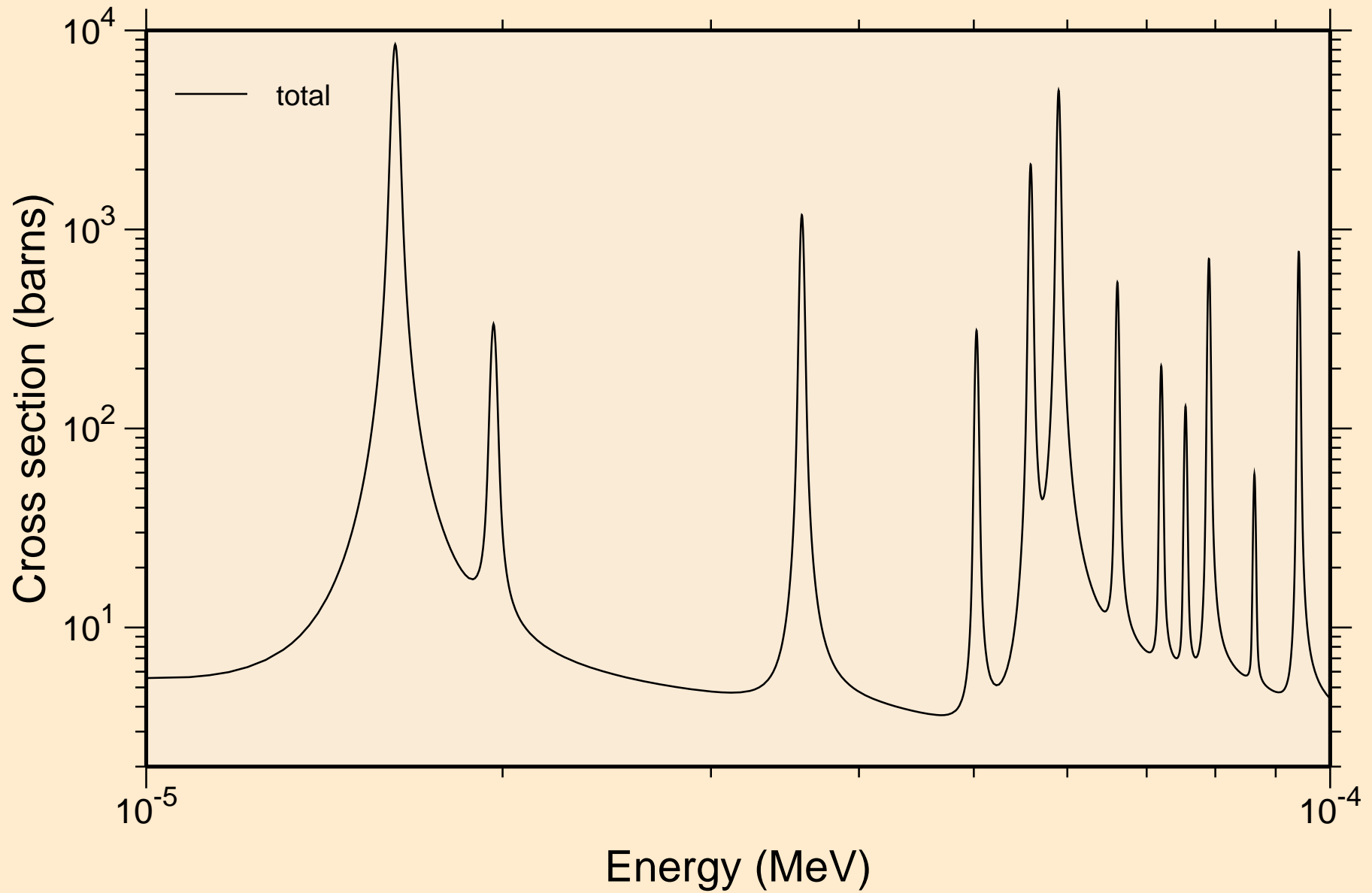


# DY163 NRG TENDL-2015, AKONING

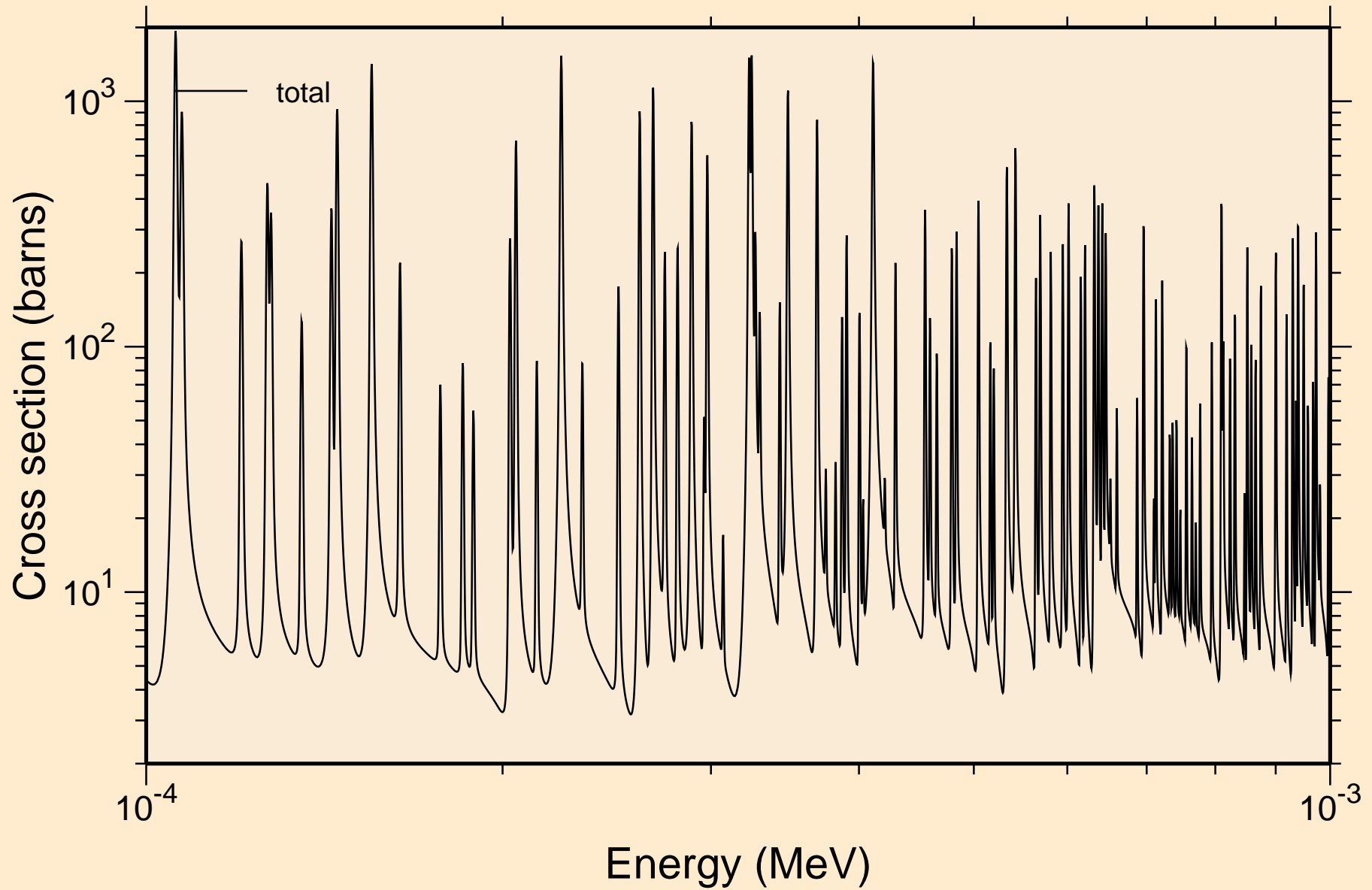
## Principal cross sections



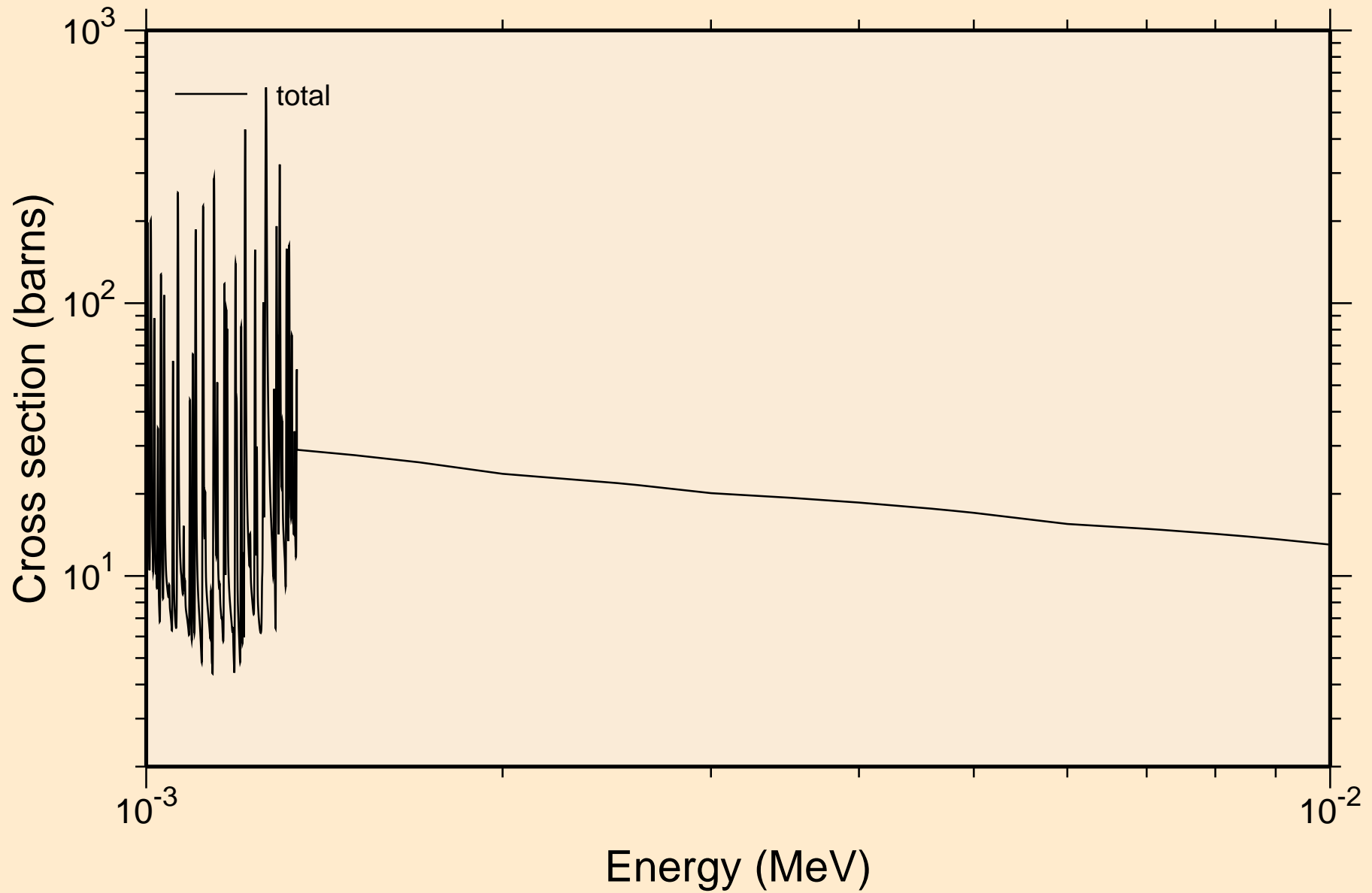
DY163 NRG TENDL-2015, AKONING  
resonance total cross section



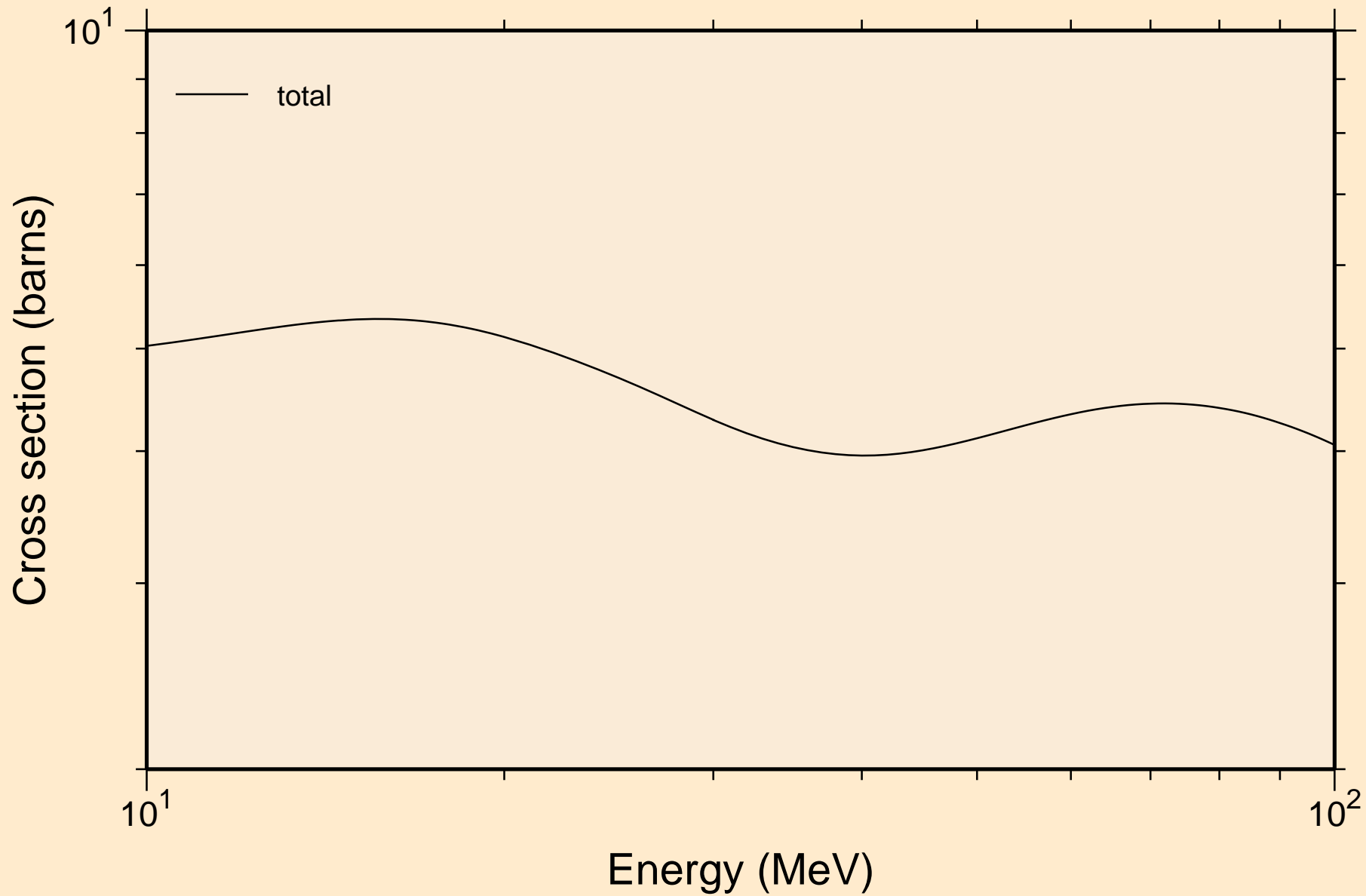
DY163 NRG TENDL-2015, AKONING  
resonance total cross section



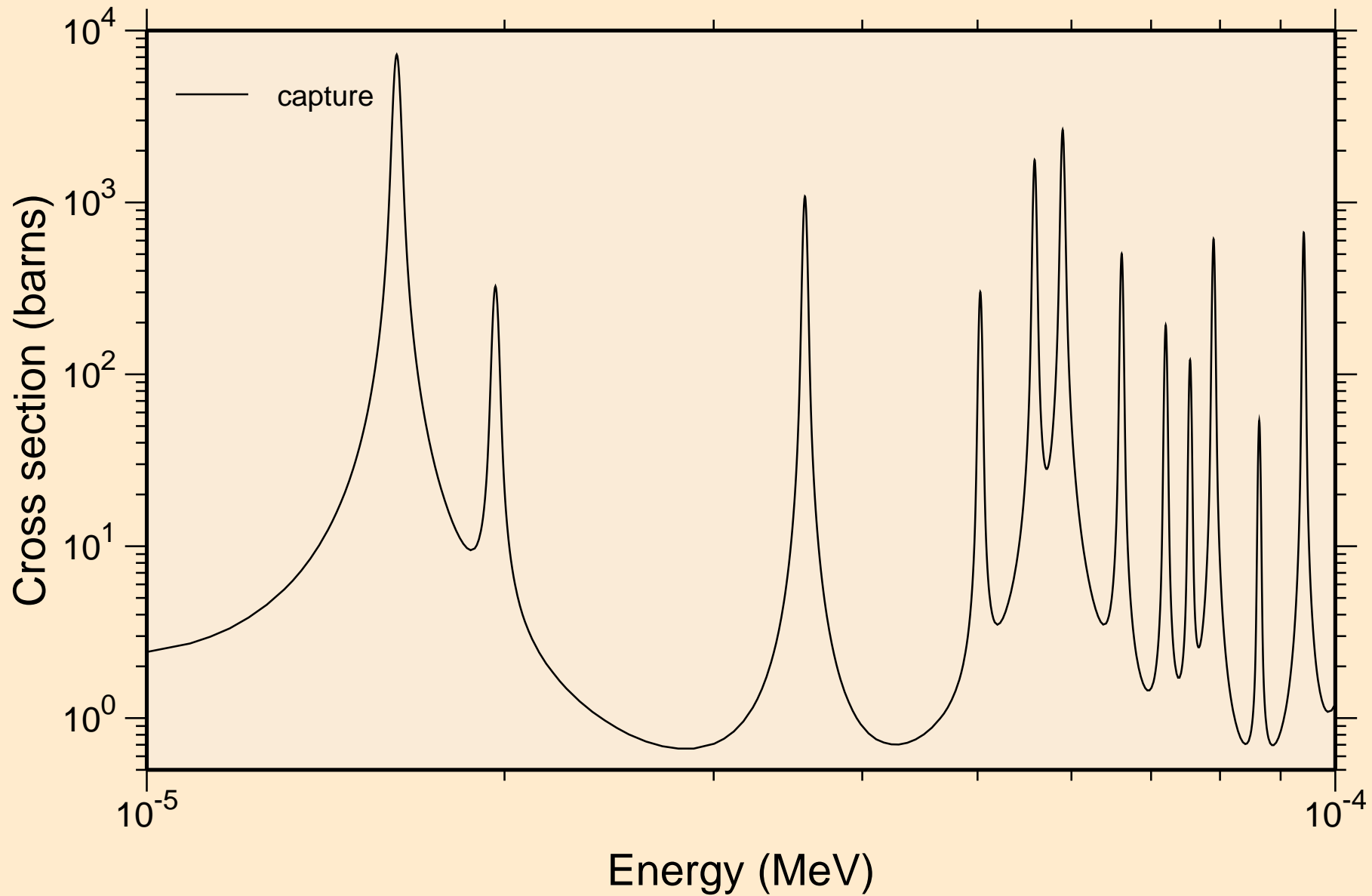
DY163 NRG TENDL-2015, AKONING  
resonance total cross section



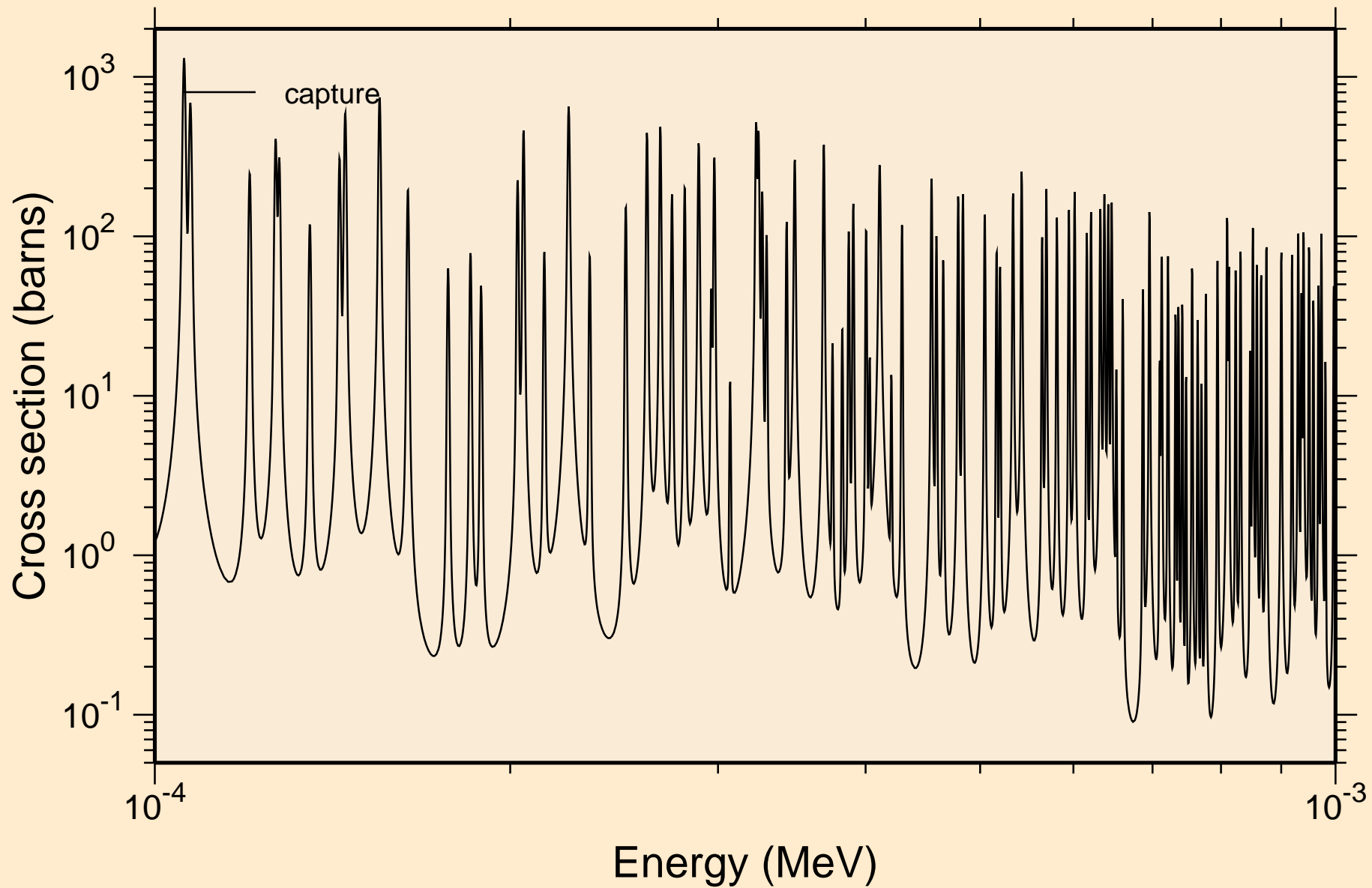
DY163 NRG TENDL-2015, AKONING  
resonance total cross section



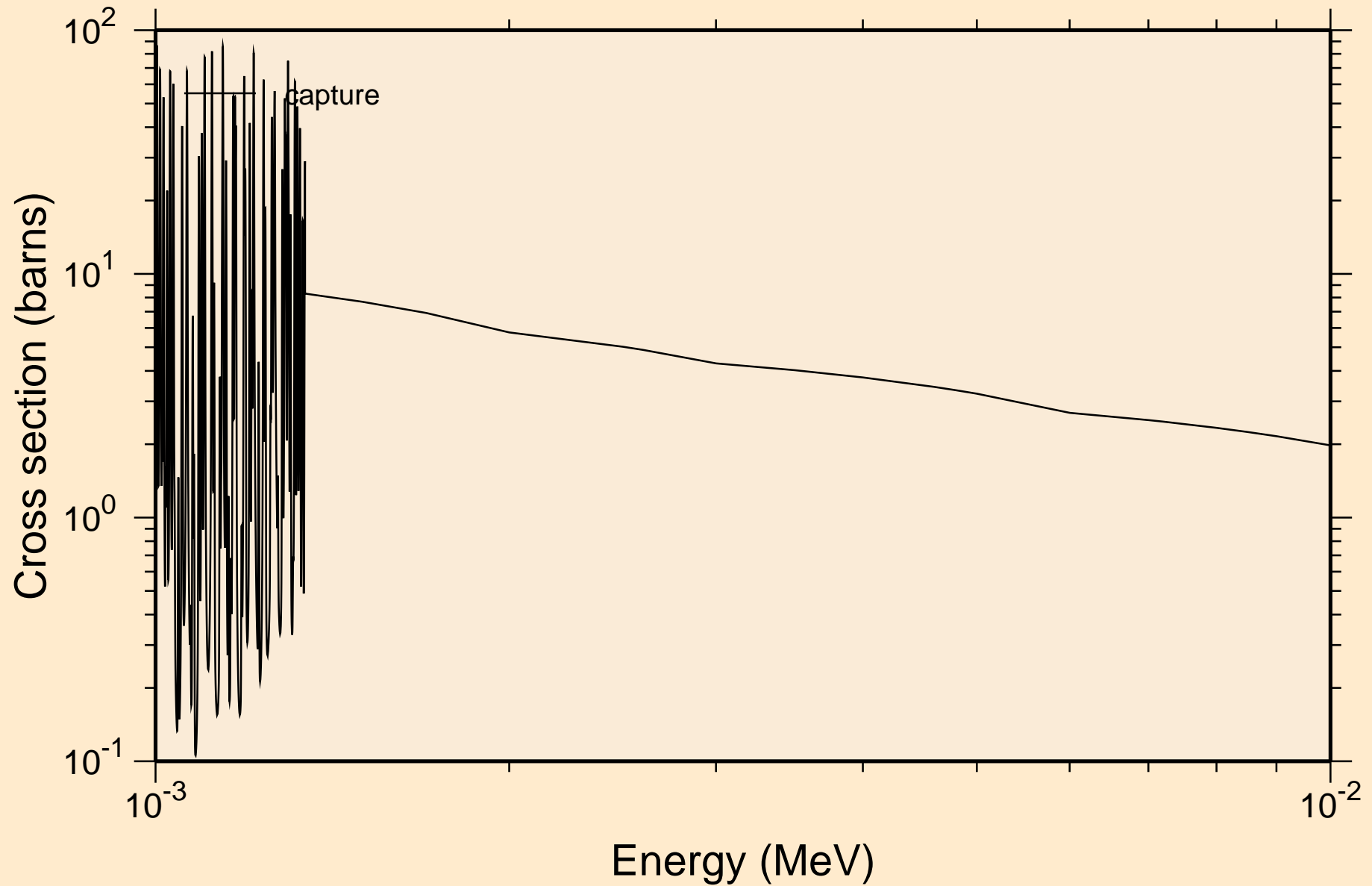
DY163 NRG TENDL-2015, AKONING  
resonance absorption cross sections



DY163 NRG TENDL-2015, AKONING  
resonance absorption cross sections

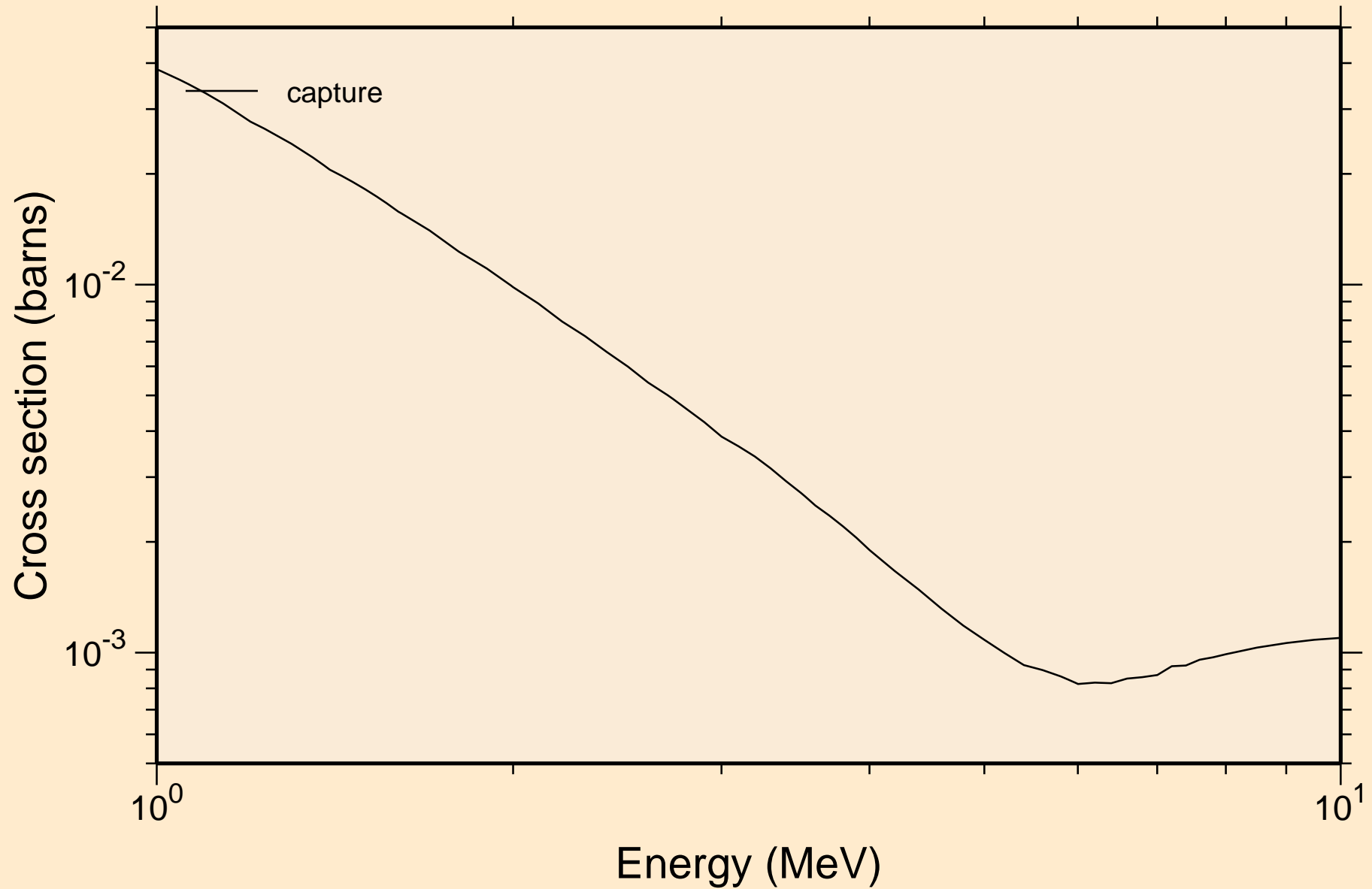


DY163 NRG TENDL-2015, AKONING  
resonance absorption cross sections



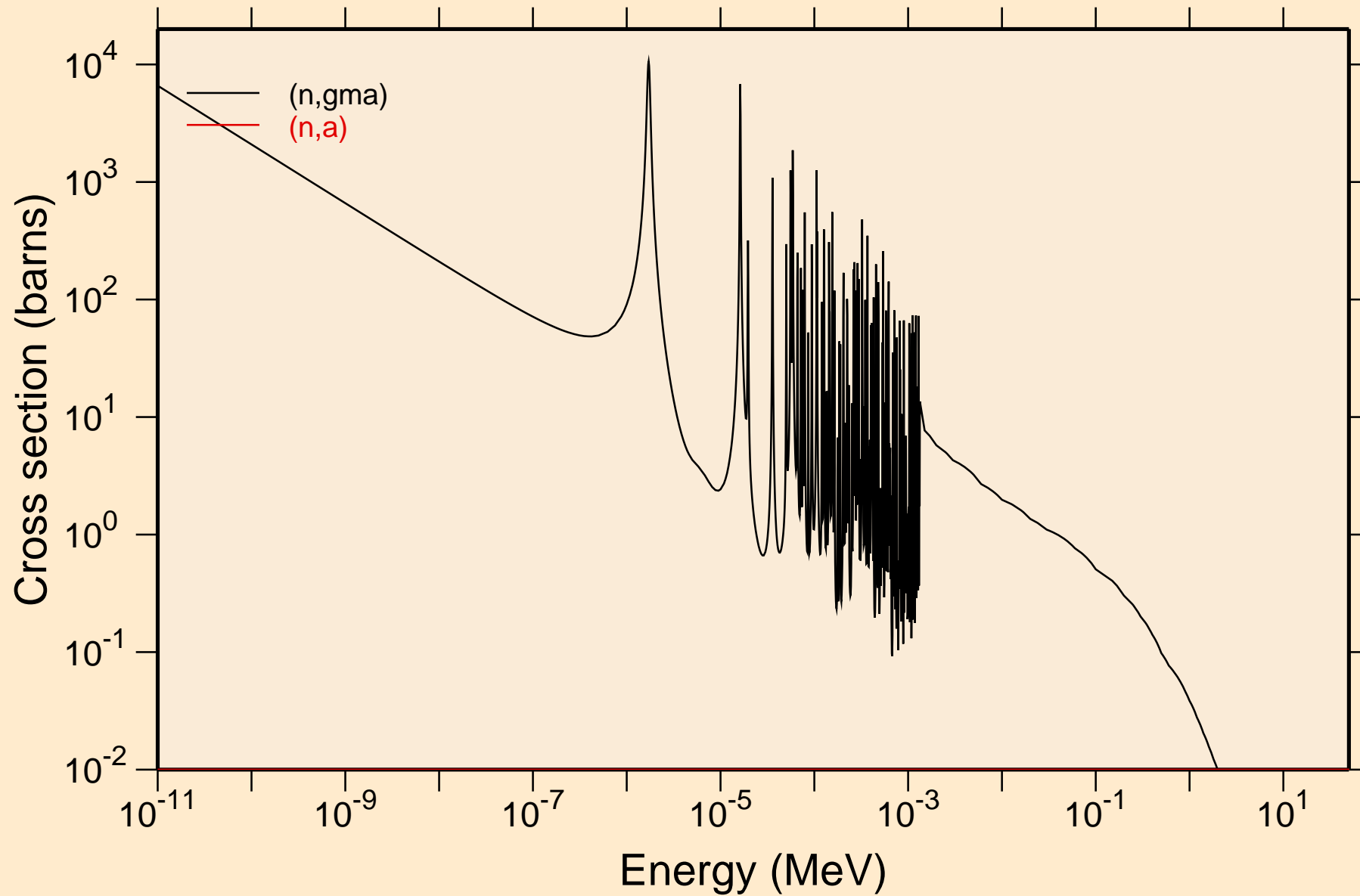


DY163 NRG TENDL-2015, AKONING  
resonance absorption cross sections



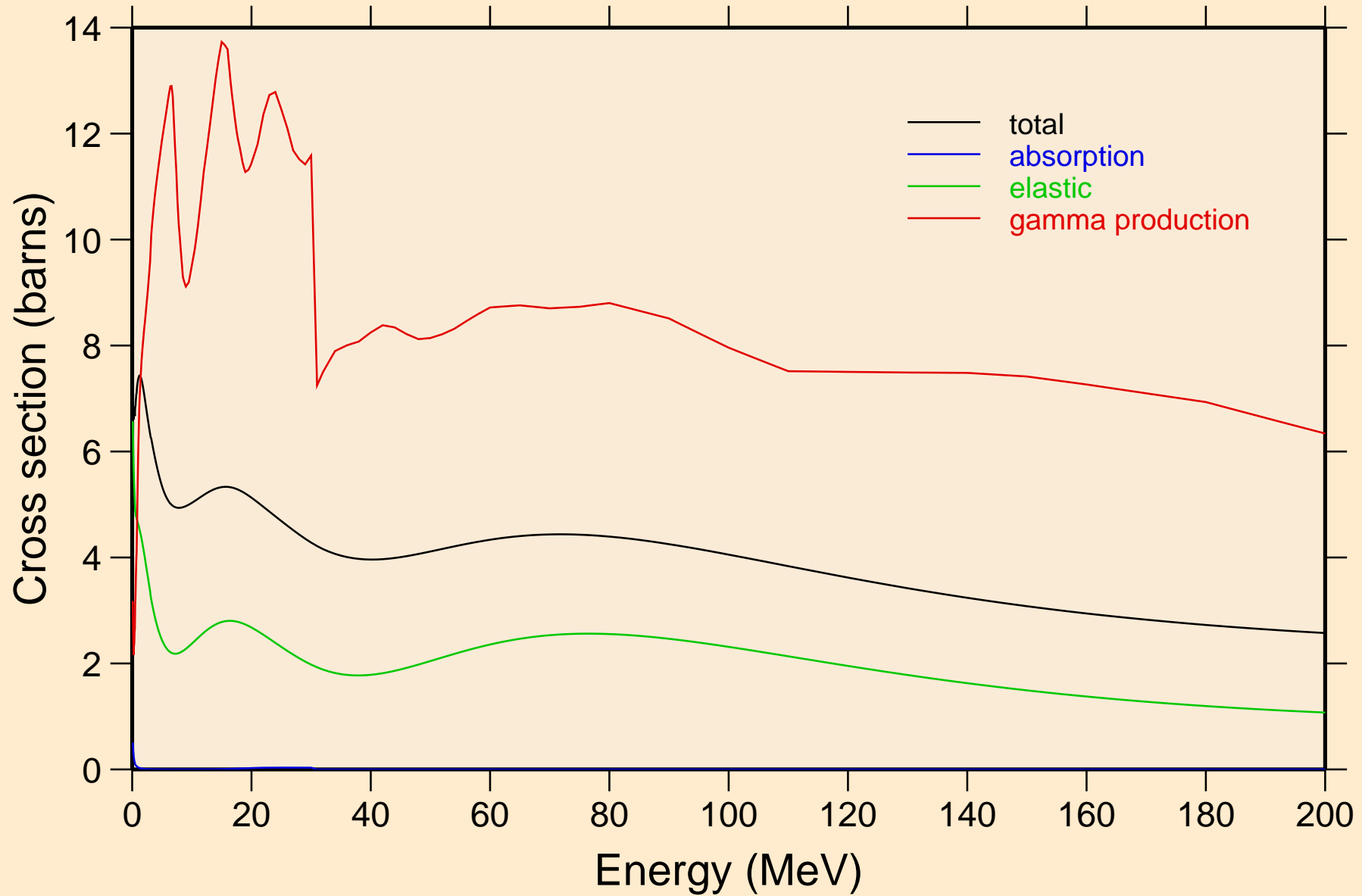
# DY163 NRG TENDL-2015, AKONING

## Non-threshold reactions



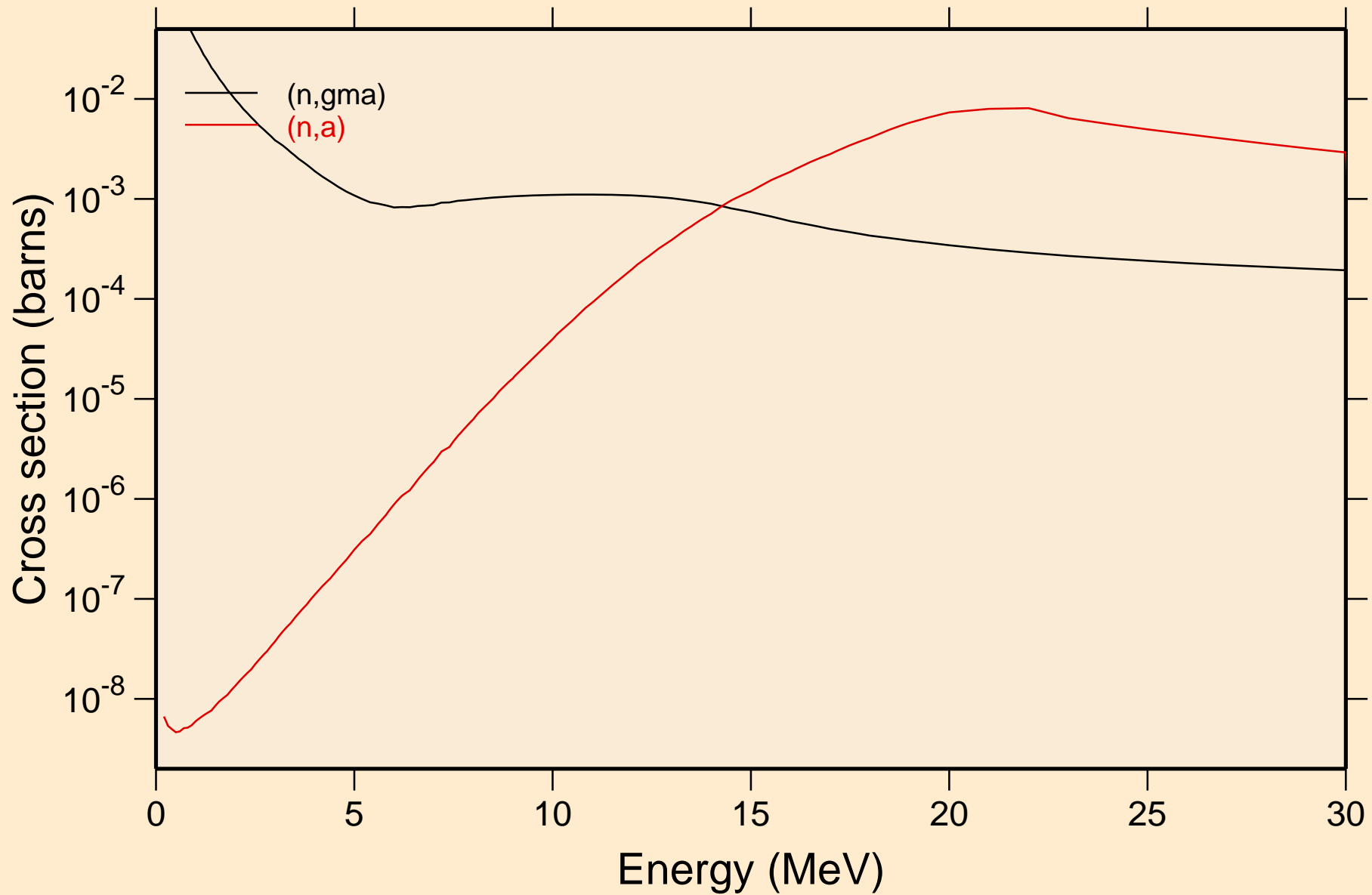
# DY163 NRG TENDL-2015, AKONING

## Principal cross sections



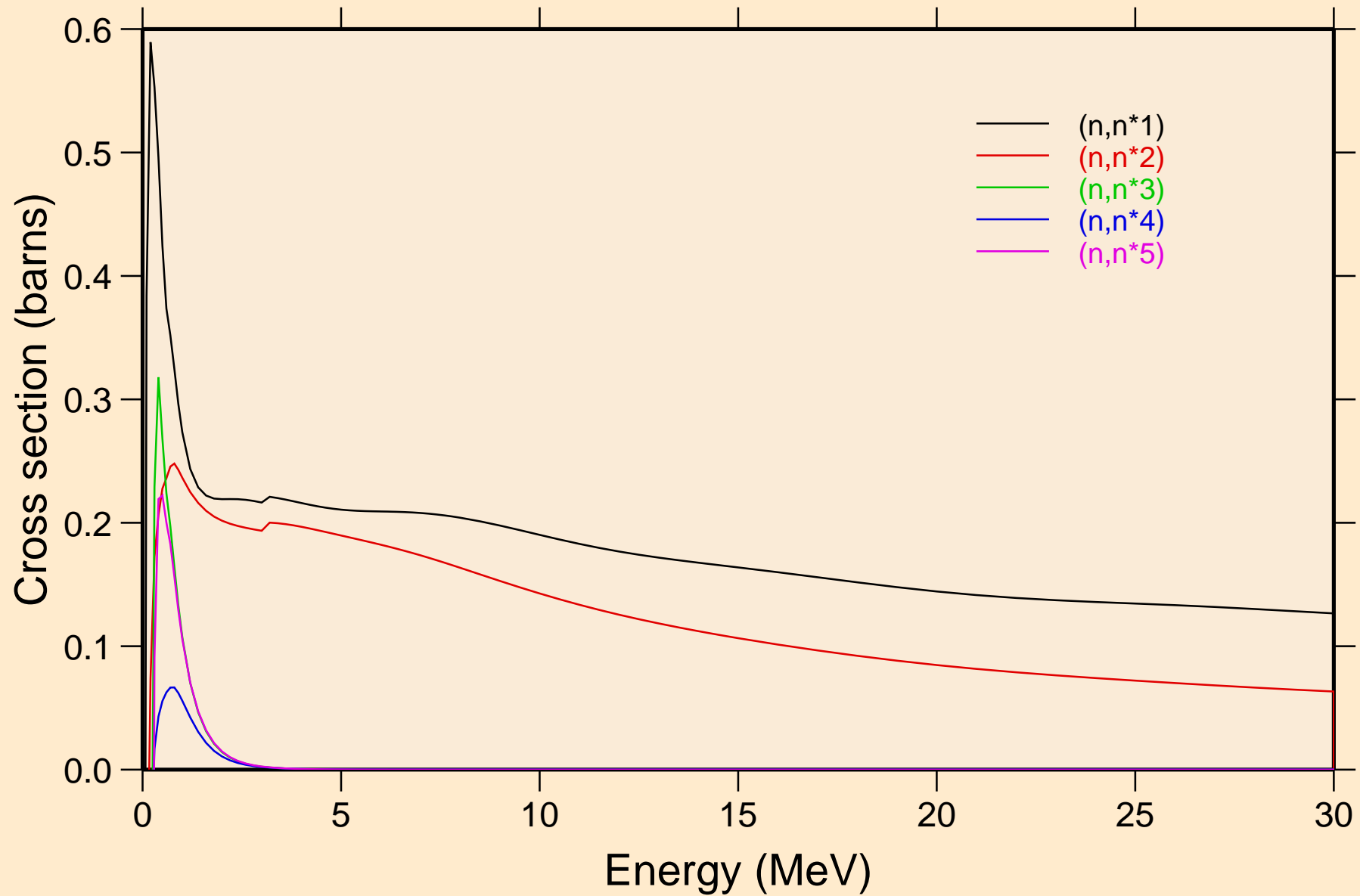
# DY163 NRG TENDL-2015, AKONING

## Non-threshold reactions



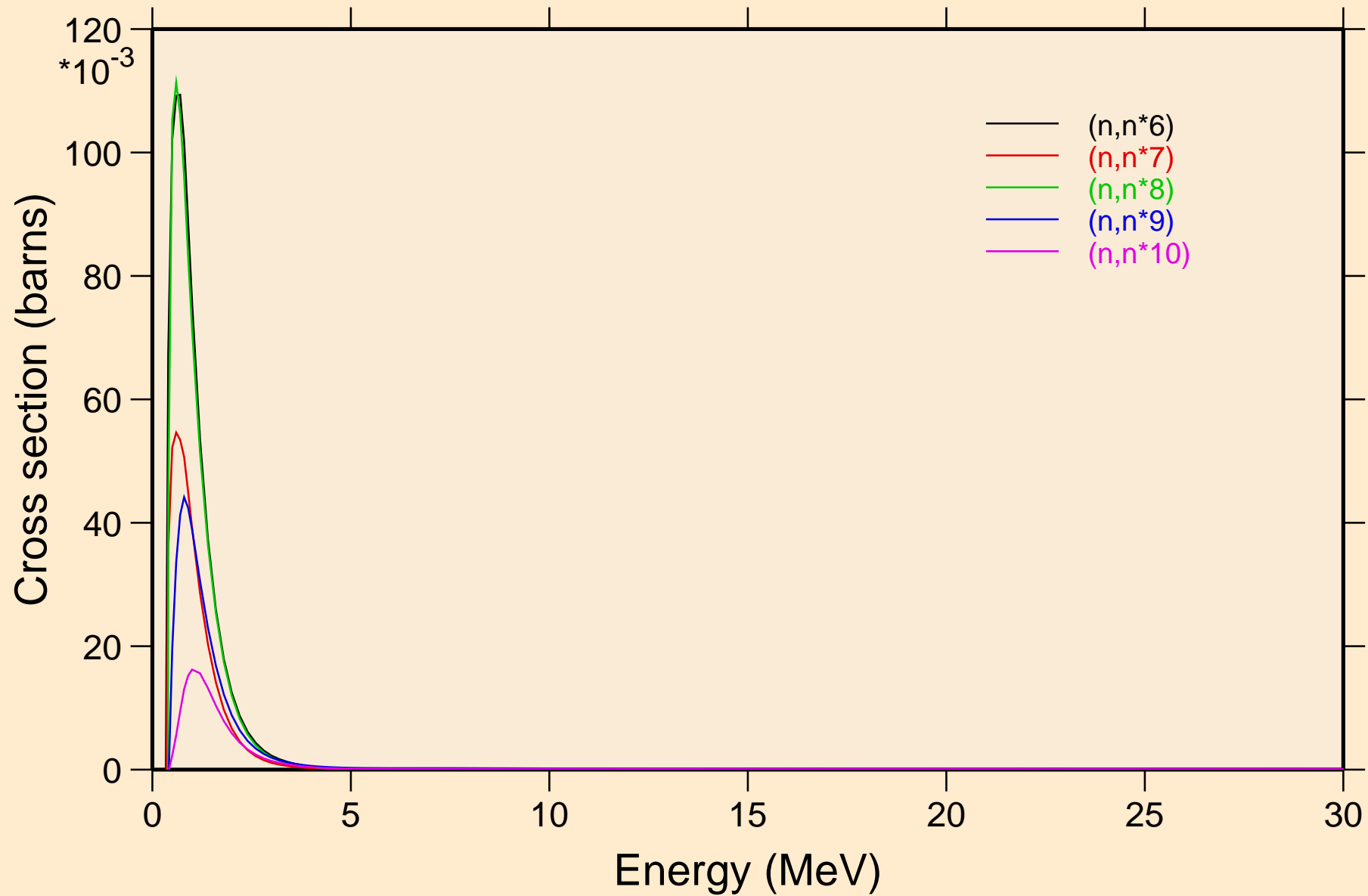
# DY163 NRG TENDL-2015, AKONING

## Inelastic levels



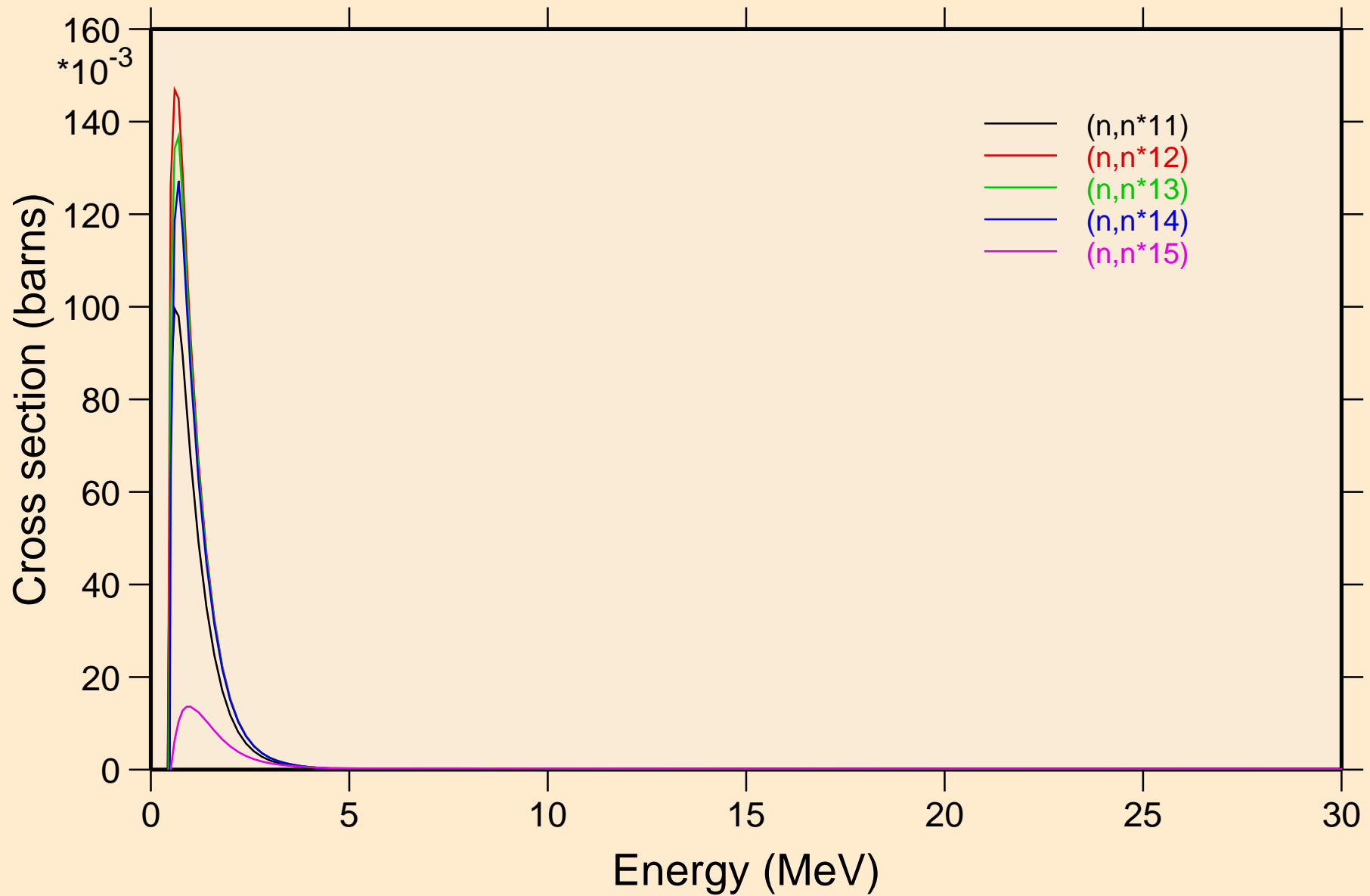
# DY163 NRG TENDL-2015, AKONING

## Inelastic levels



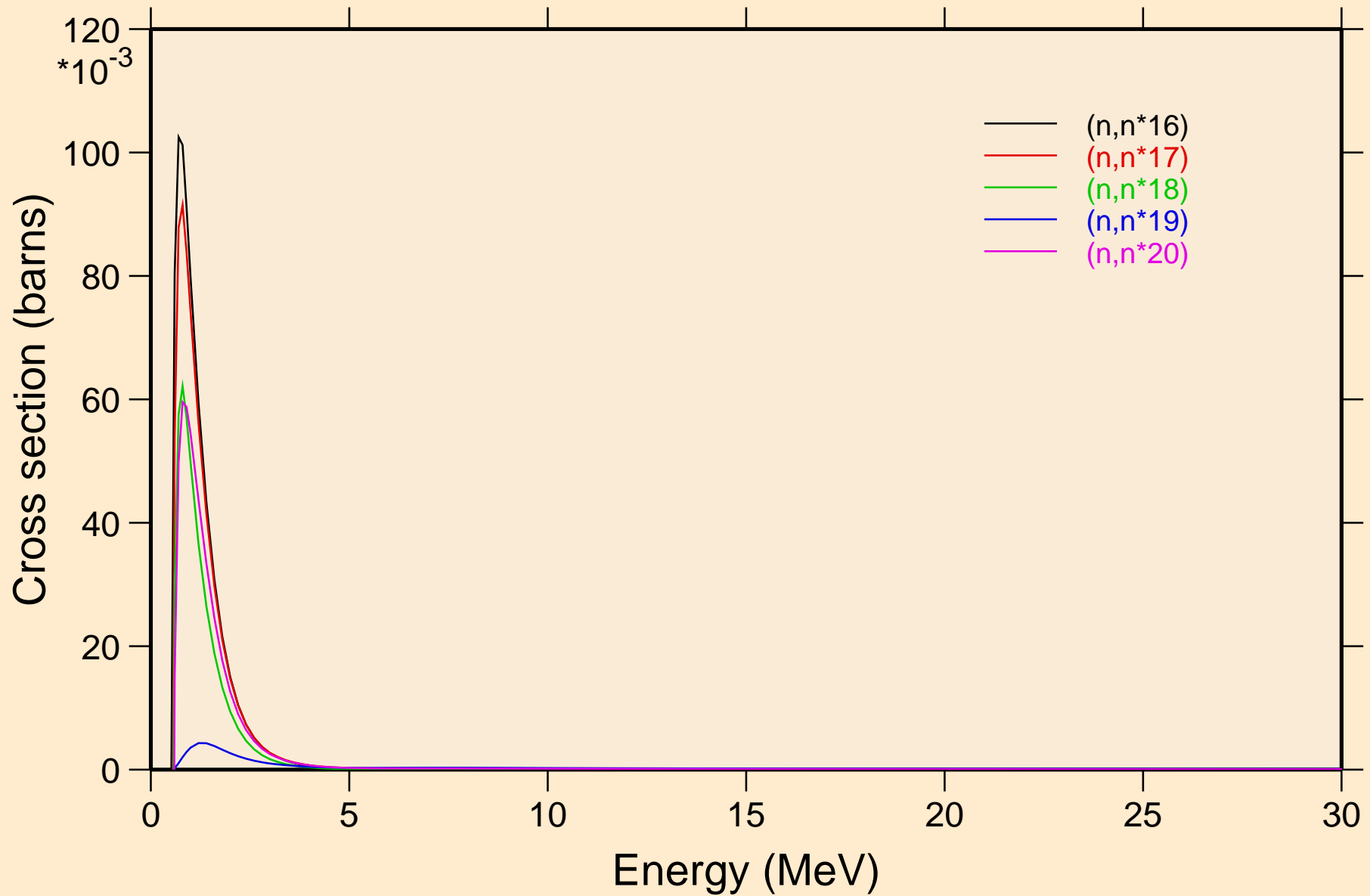
# DY163 NRG TENDL-2015, AKONING

## Inelastic levels



# DY163 NRG TENDL-2015, AKONING

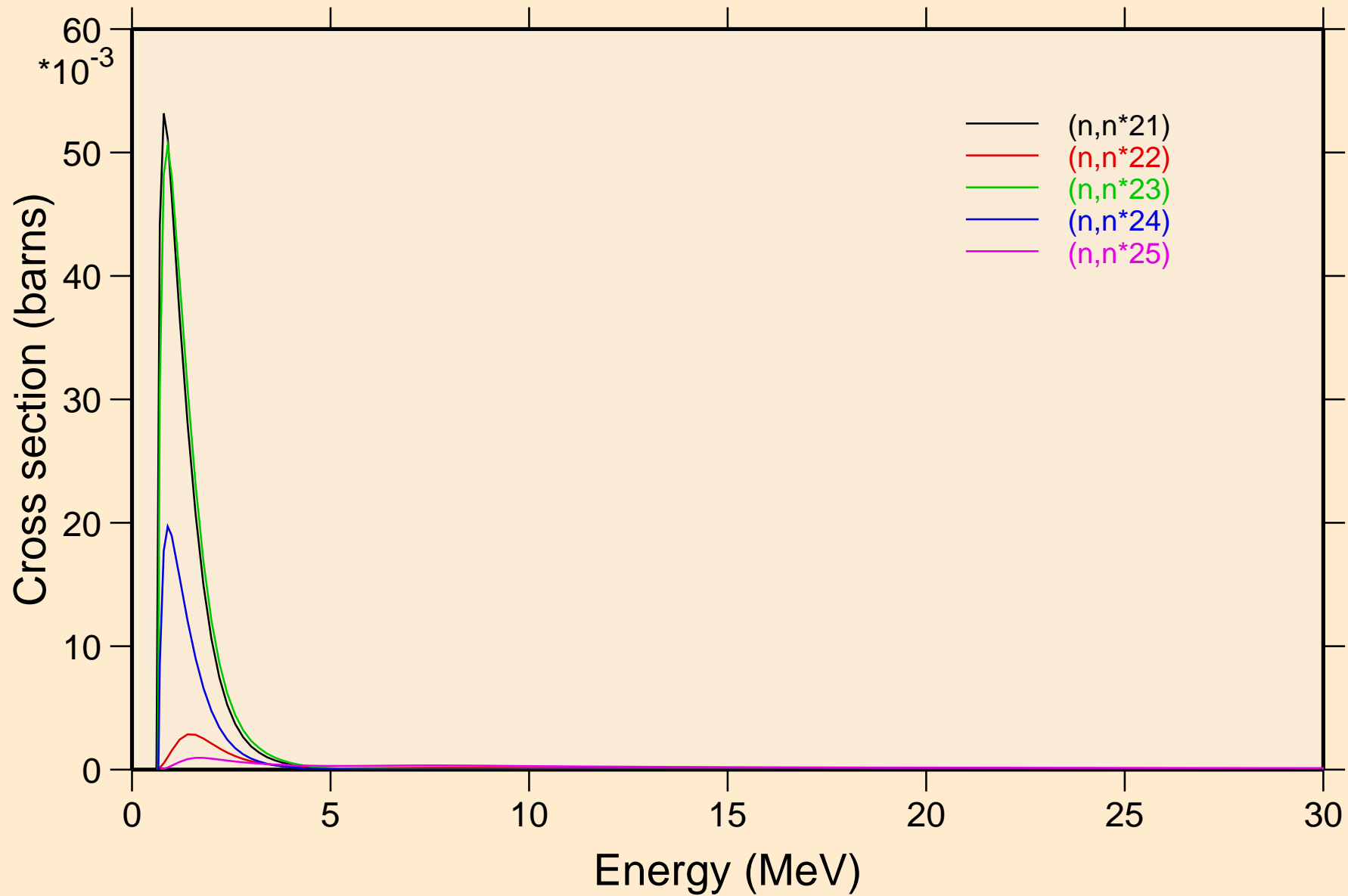
## Inelastic levels





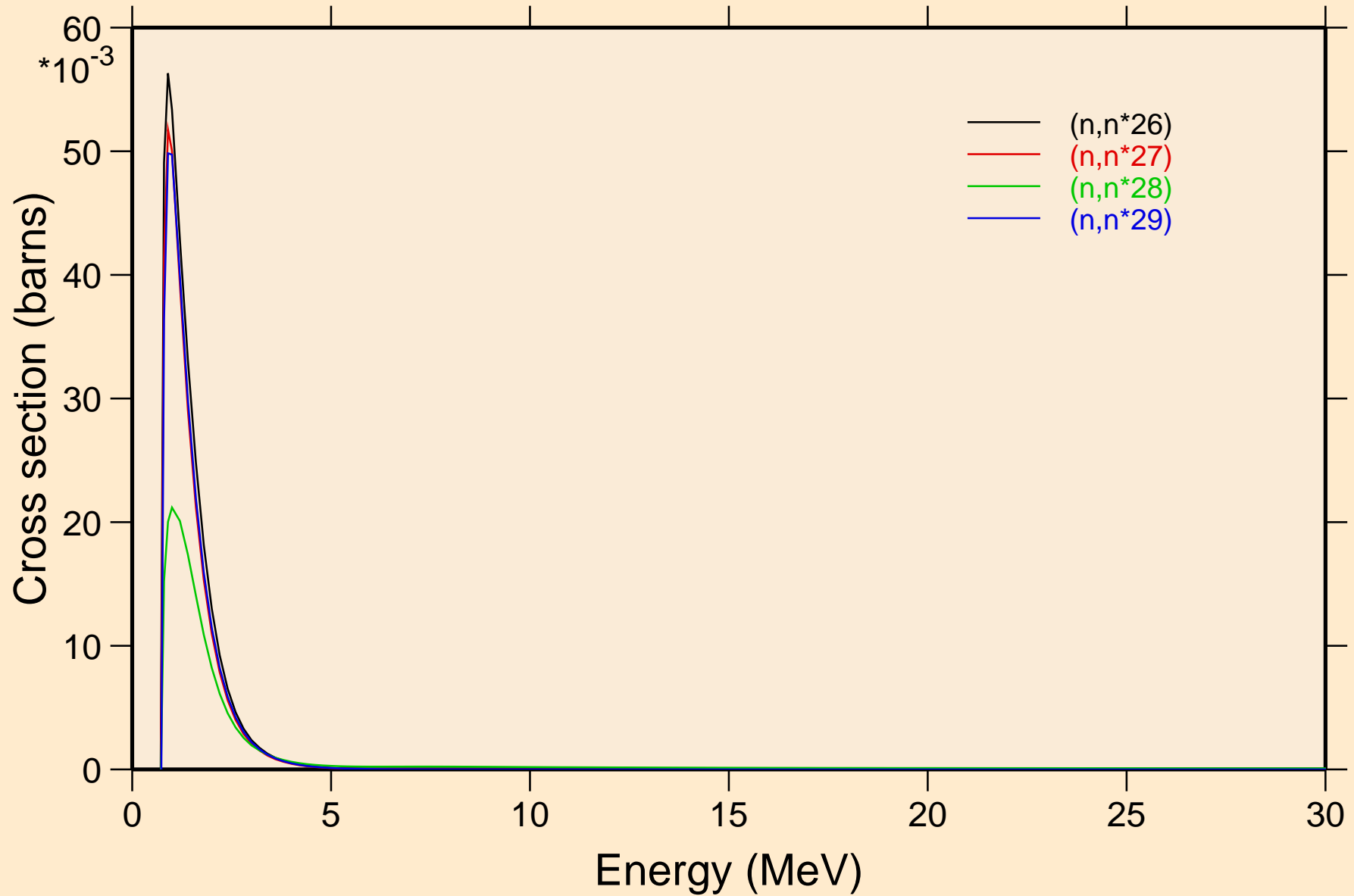
# DY163 NRG TENDL-2015, AKONING

## Inelastic levels



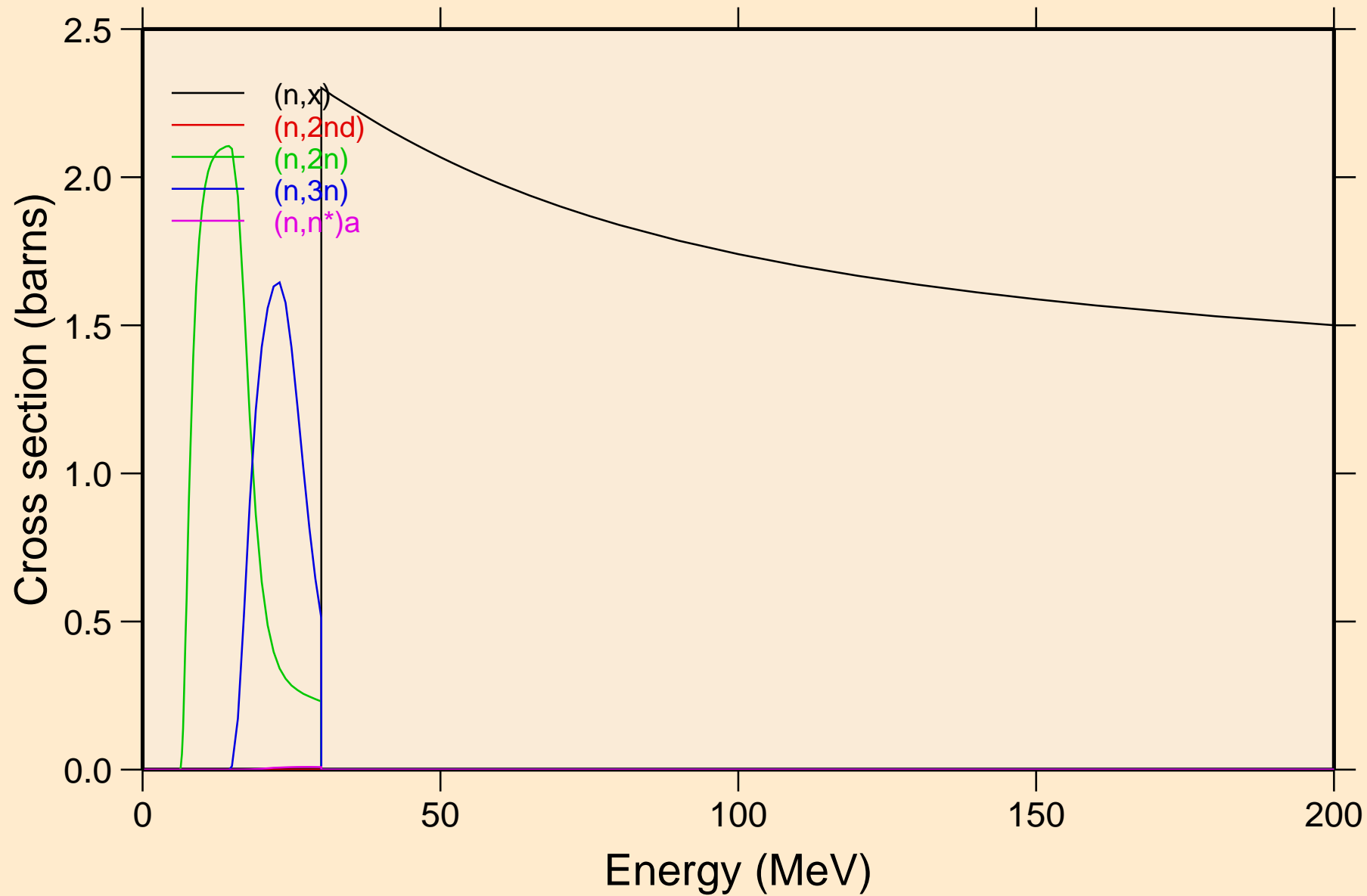
# DY163 NRG TENDL-2015, AKONING

## Inelastic levels



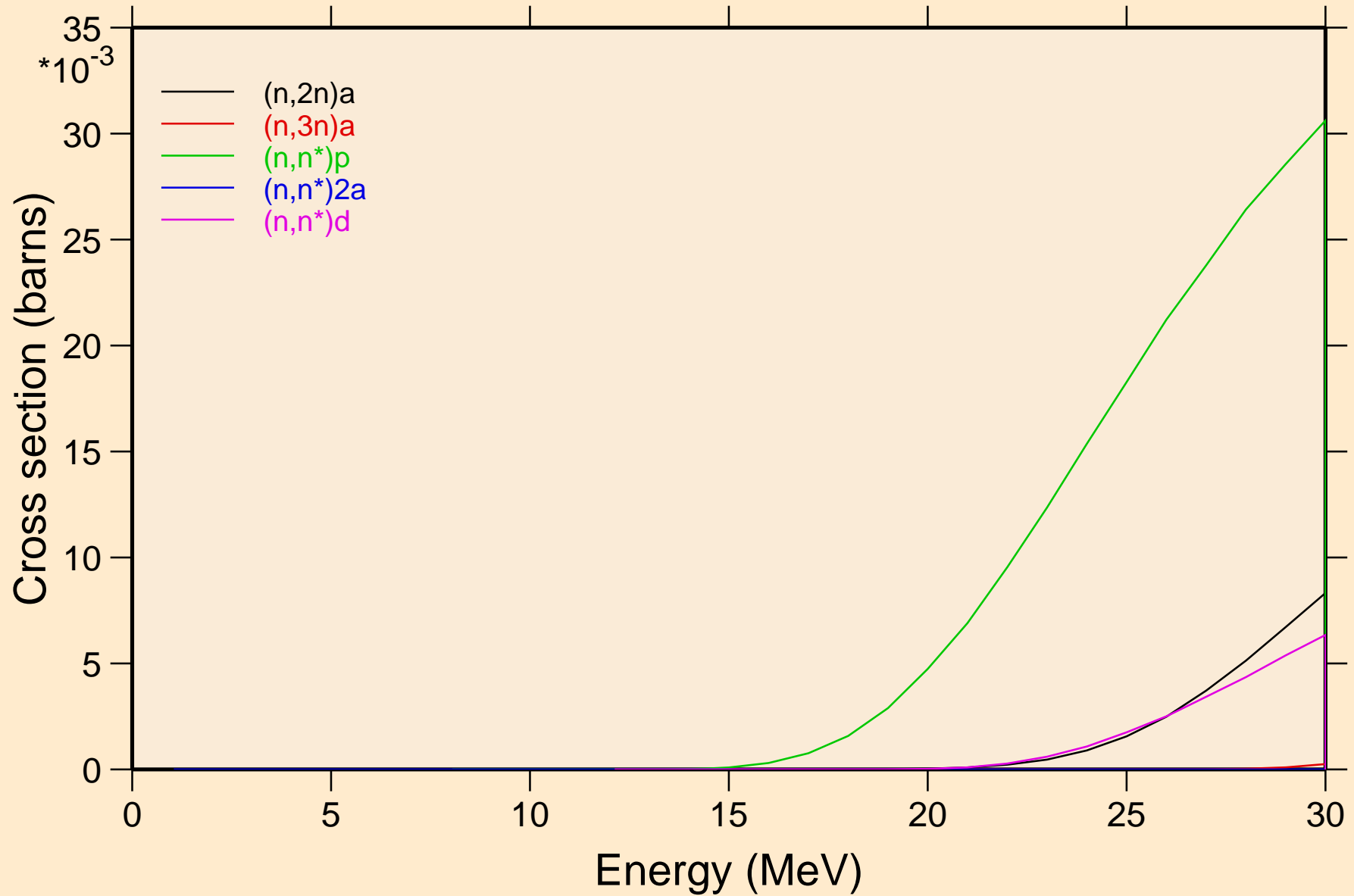
# DY163 NRG TENDL-2015, AKONING

## Threshold reactions



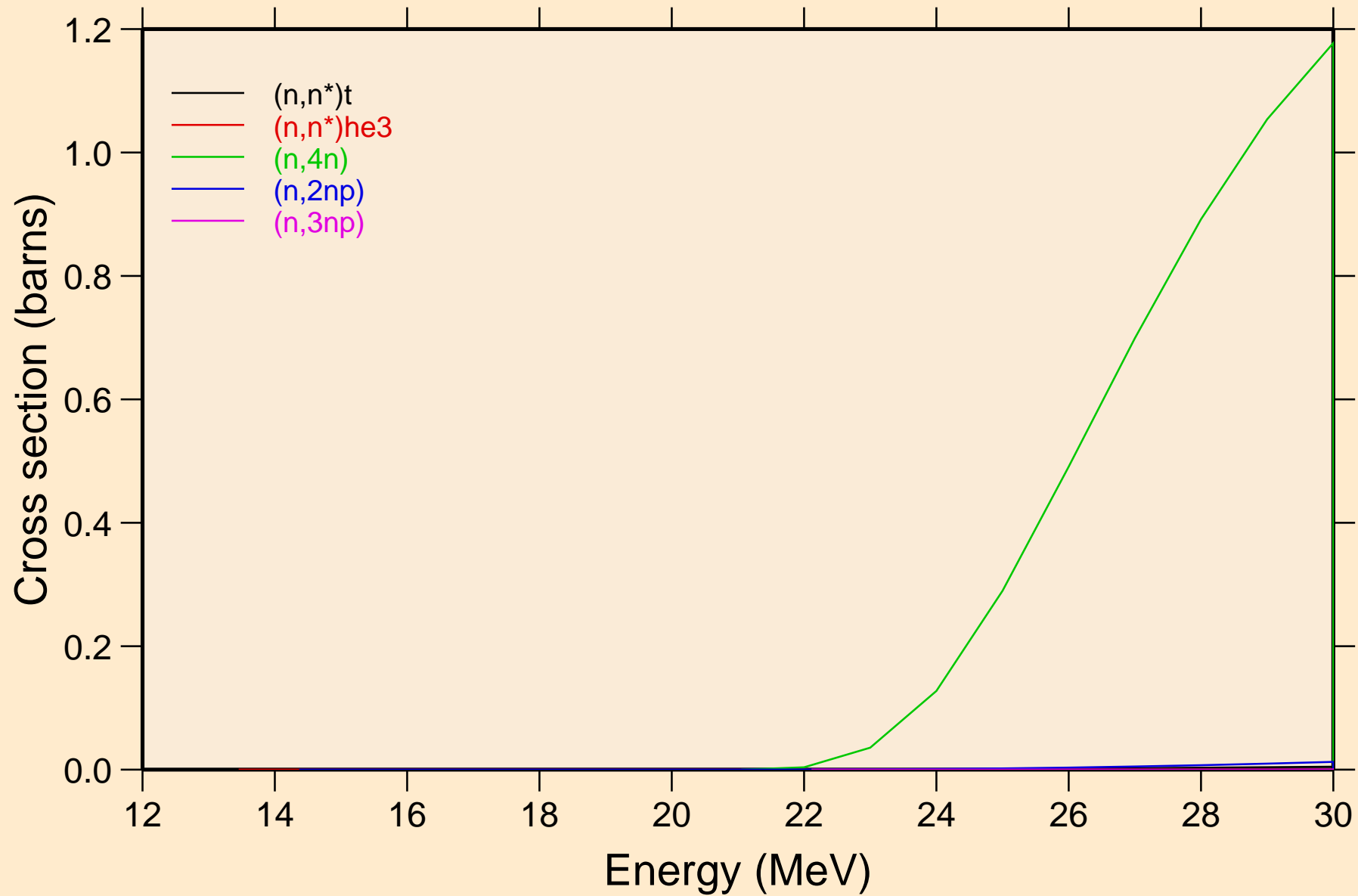
# DY163 NRG TENDL-2015, AKONING

## Threshold reactions



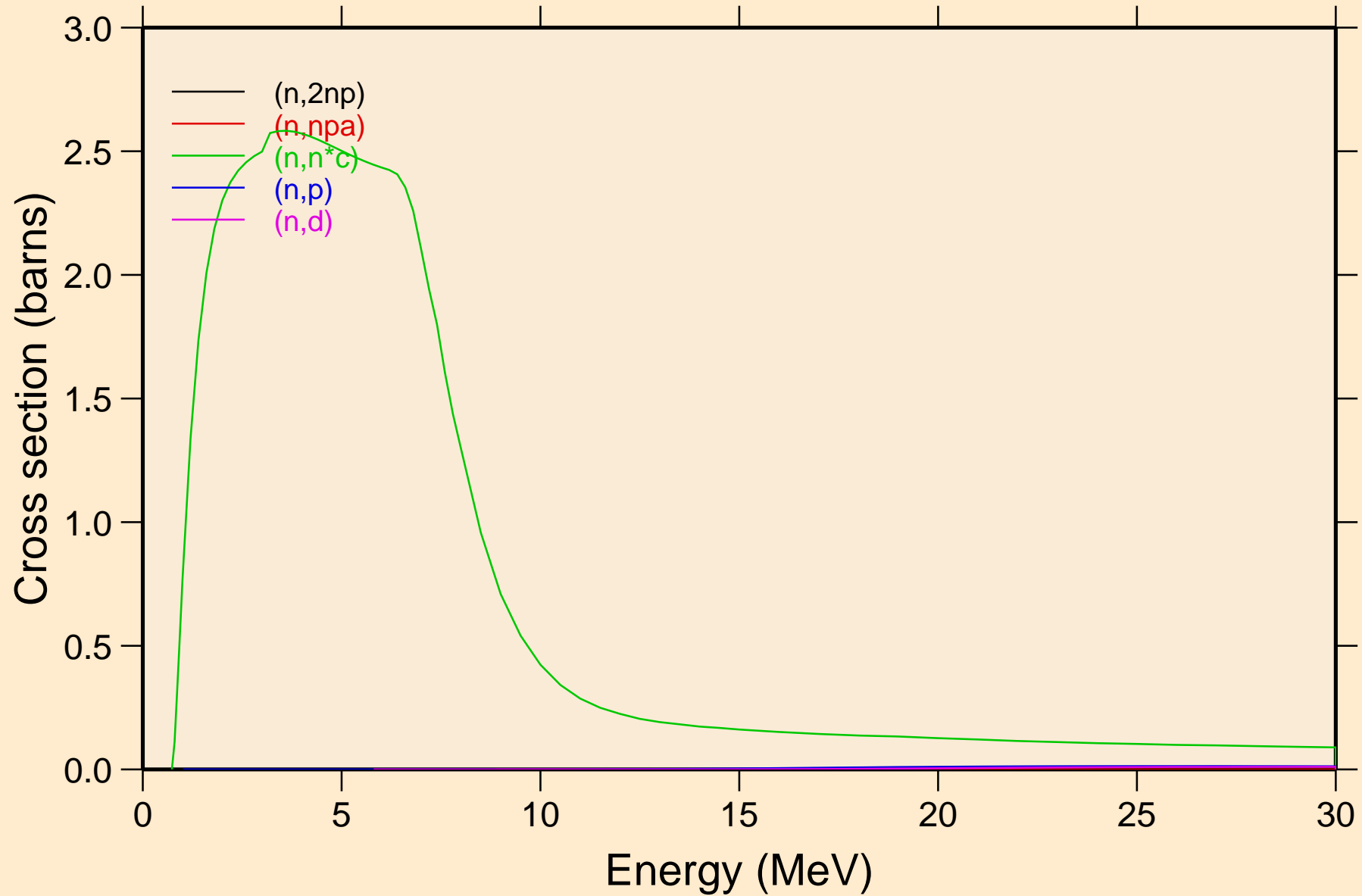
# DY163 NRG TENDL-2015, AKONING

## Threshold reactions



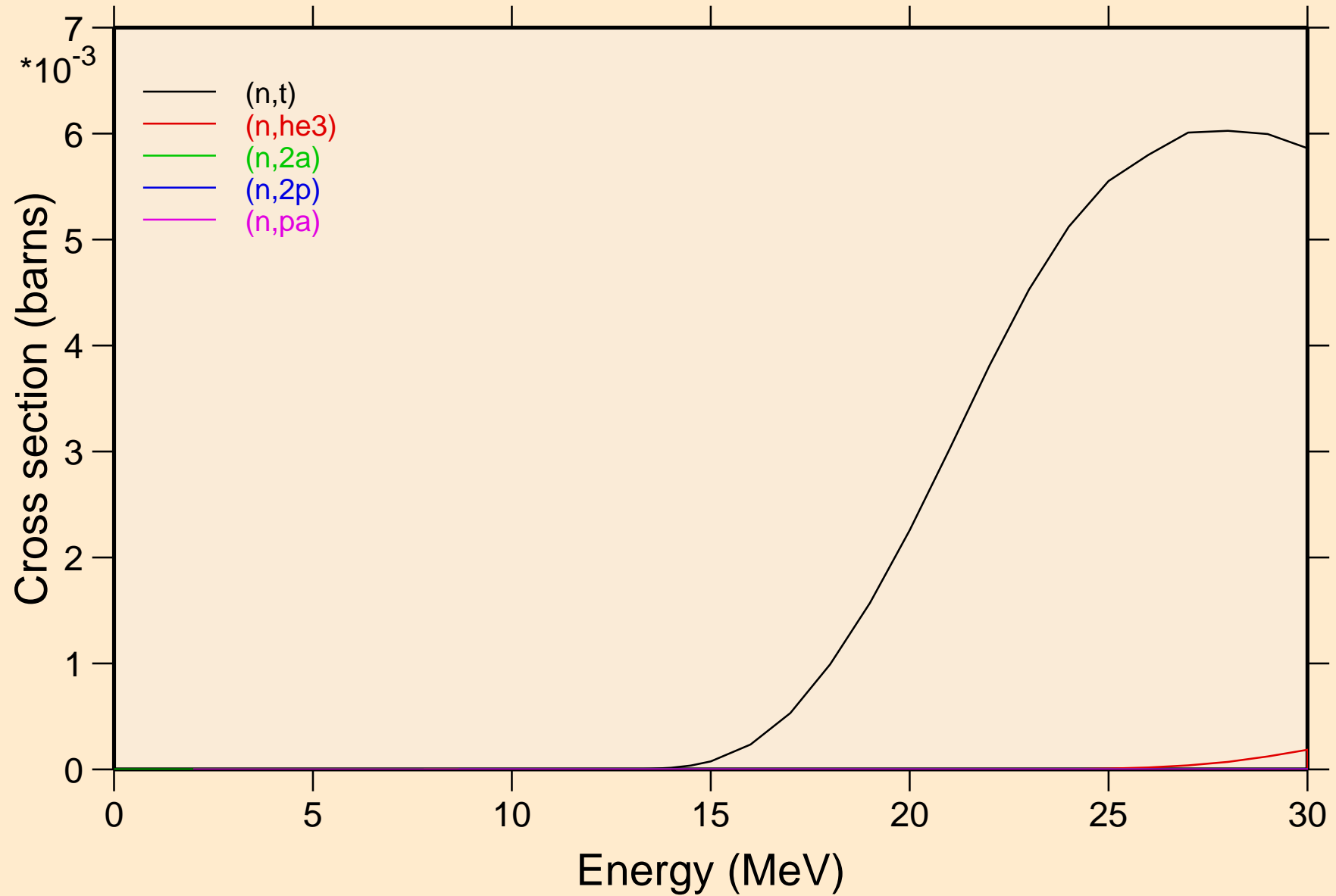
# DY163 NRG TENDL-2015, AKONING

## Threshold reactions



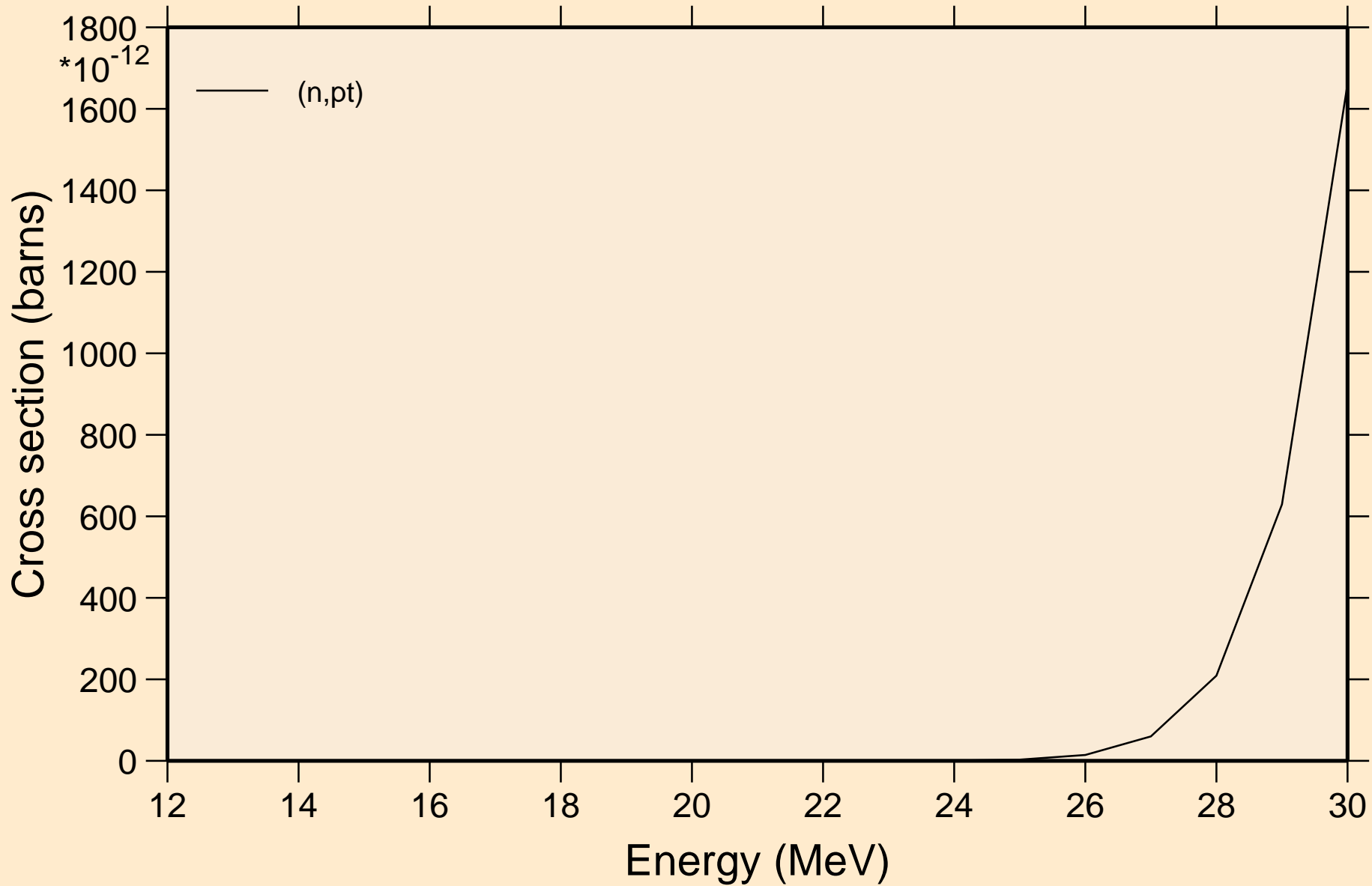
# DY163 NRG TENDL-2015, AKONING

## Threshold reactions



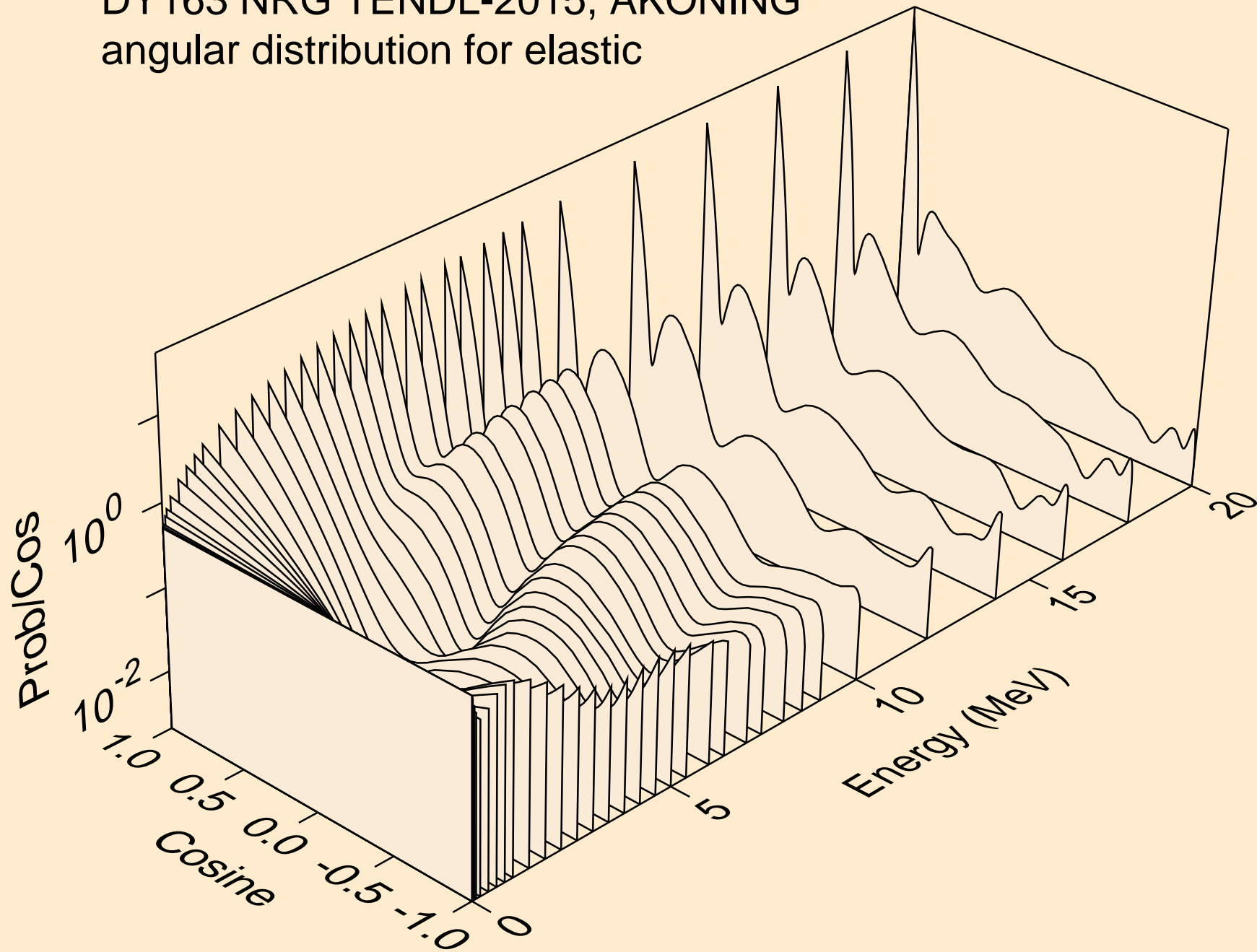
# DY163 NRG TENDL-2015, AKONING

## Threshold reactions

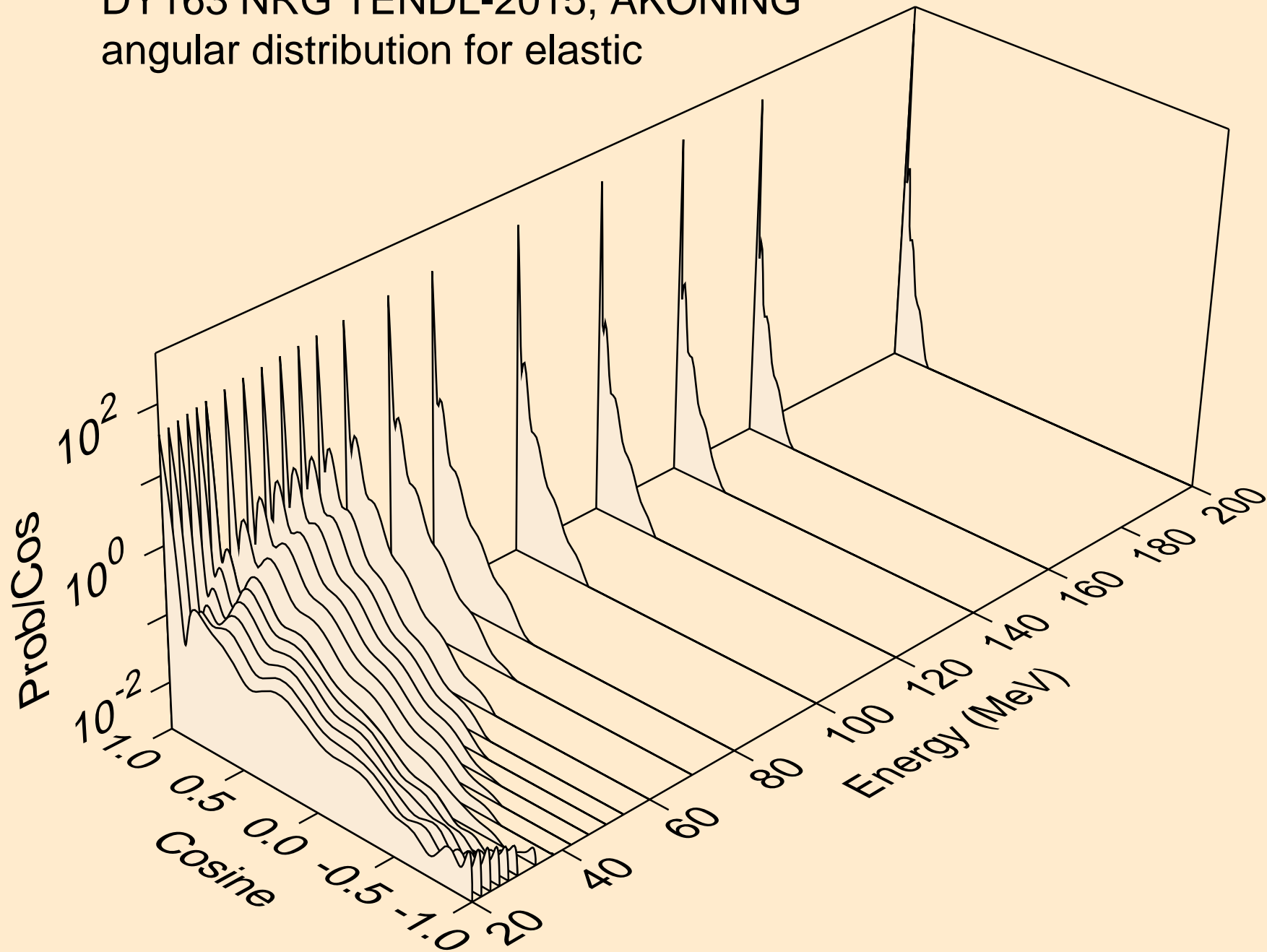




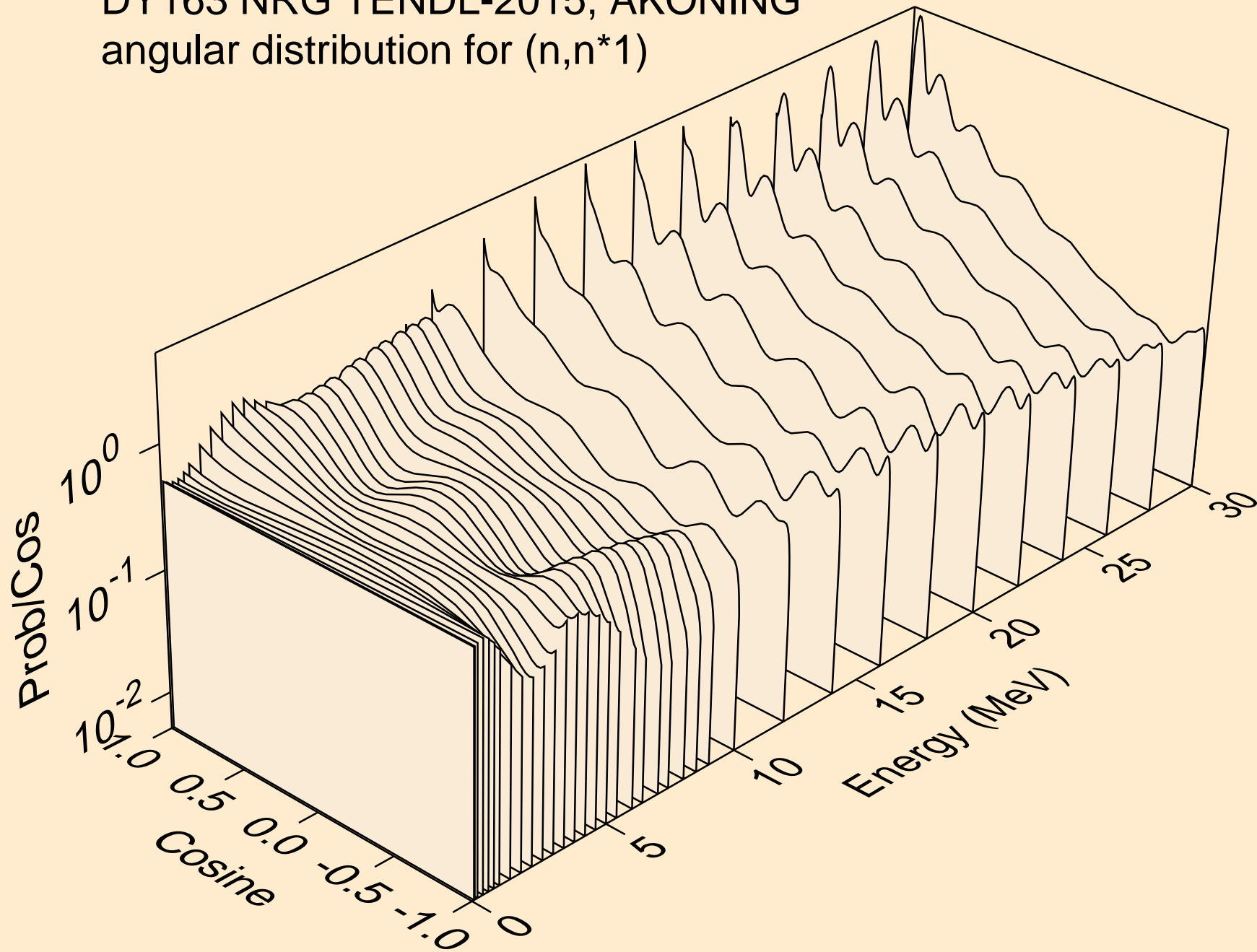
DY163 NRG TENDL-2015, AKONING  
angular distribution for elastic



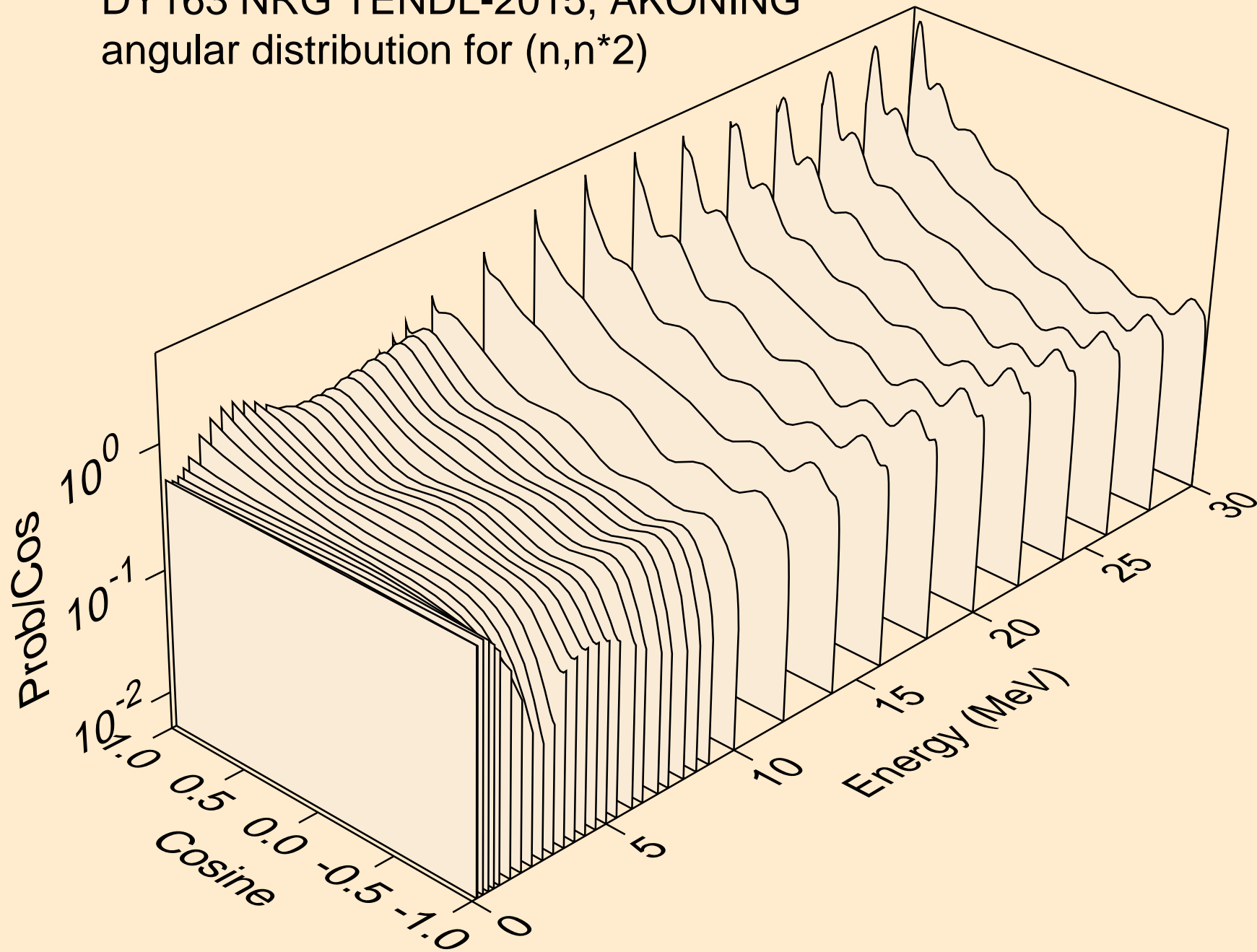
DY163 NRG TENDL-2015, AKONING  
angular distribution for elastic



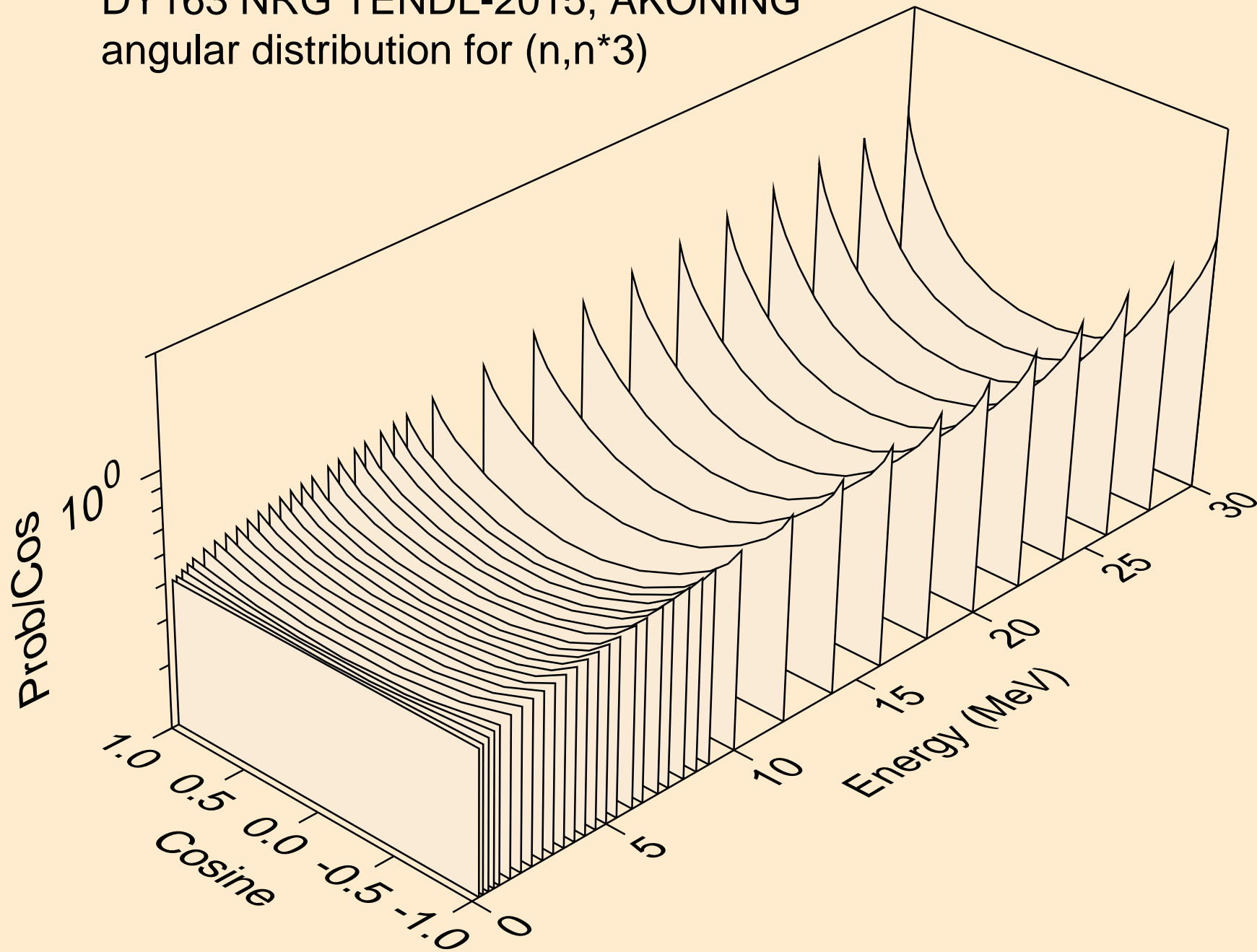
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



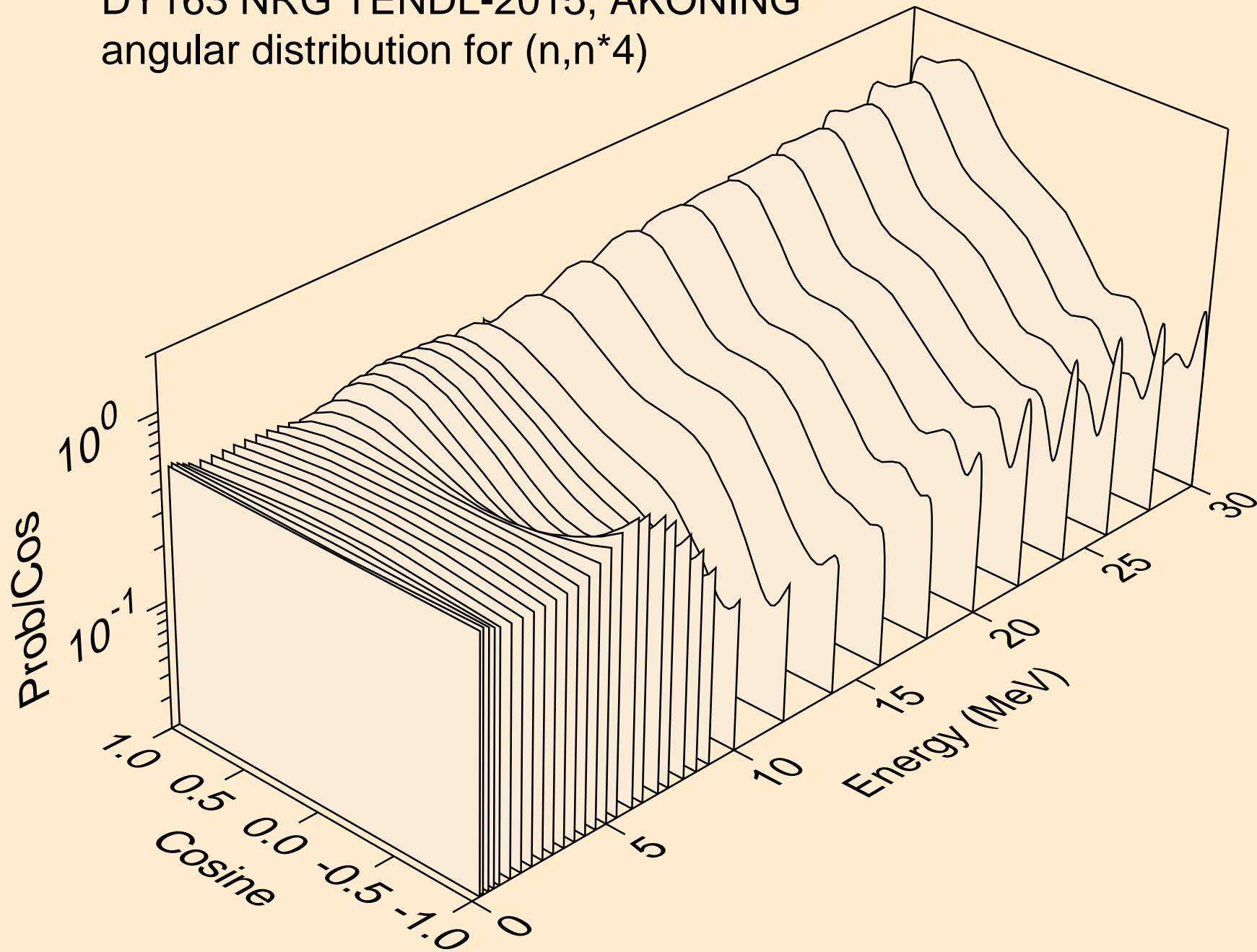
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



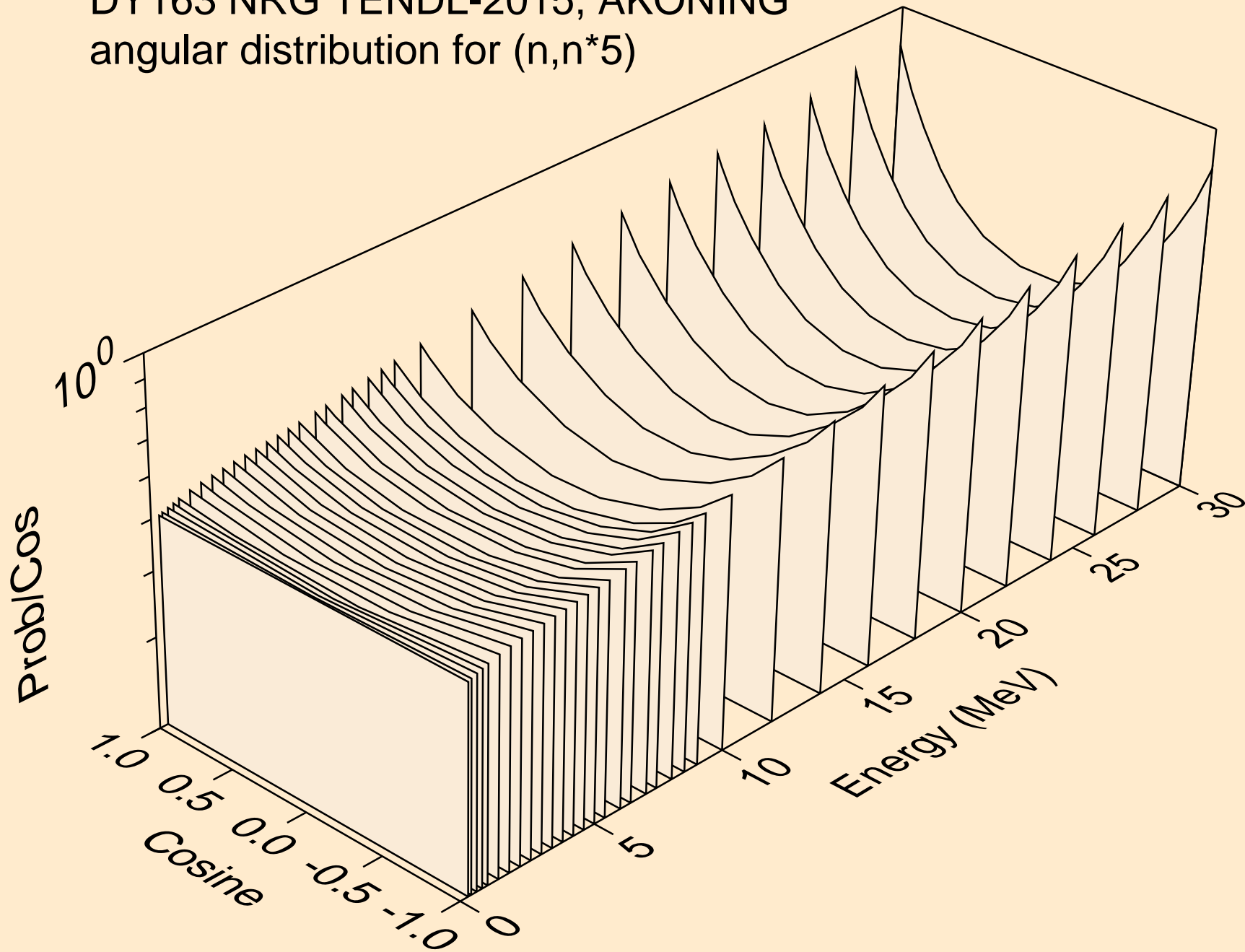
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



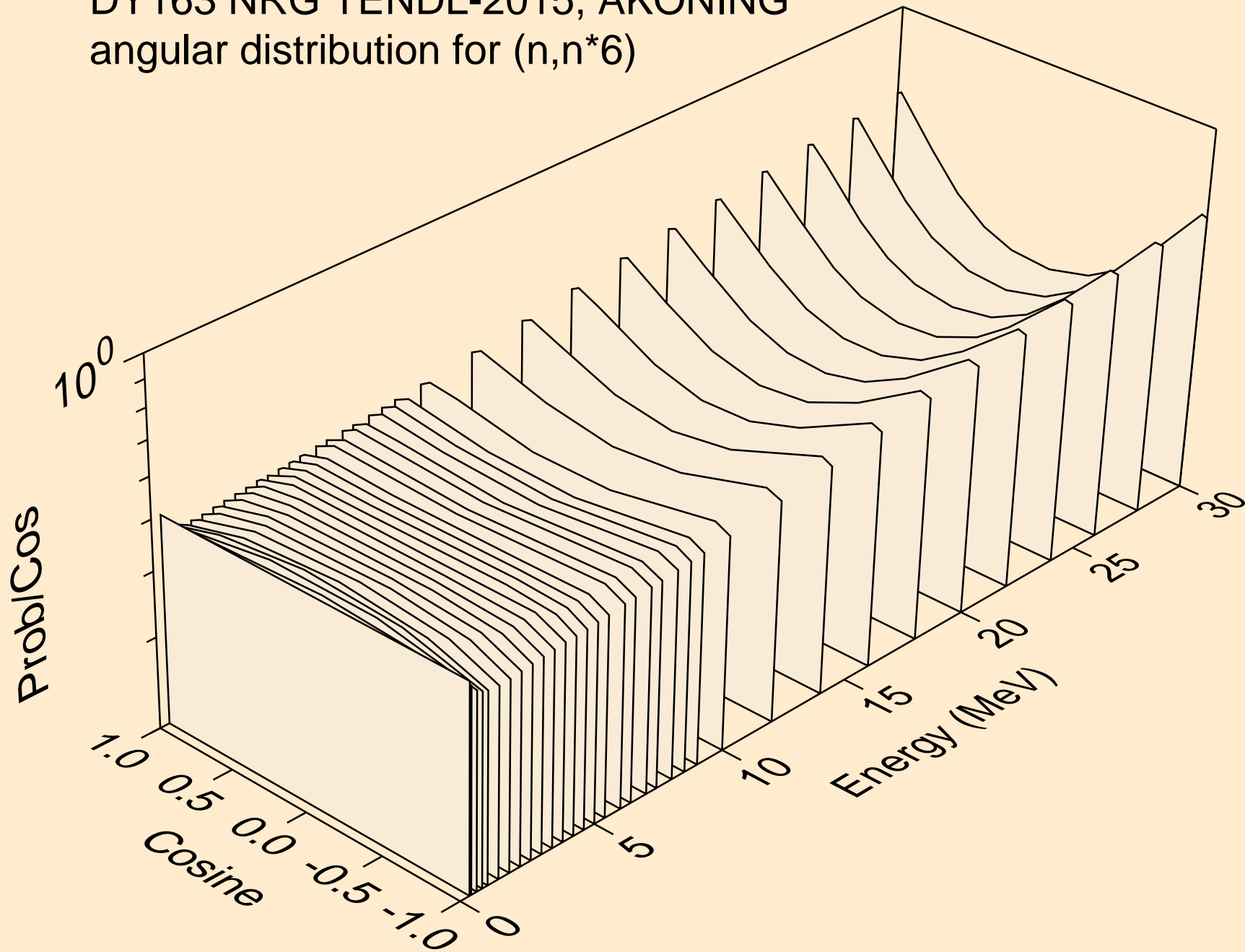
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

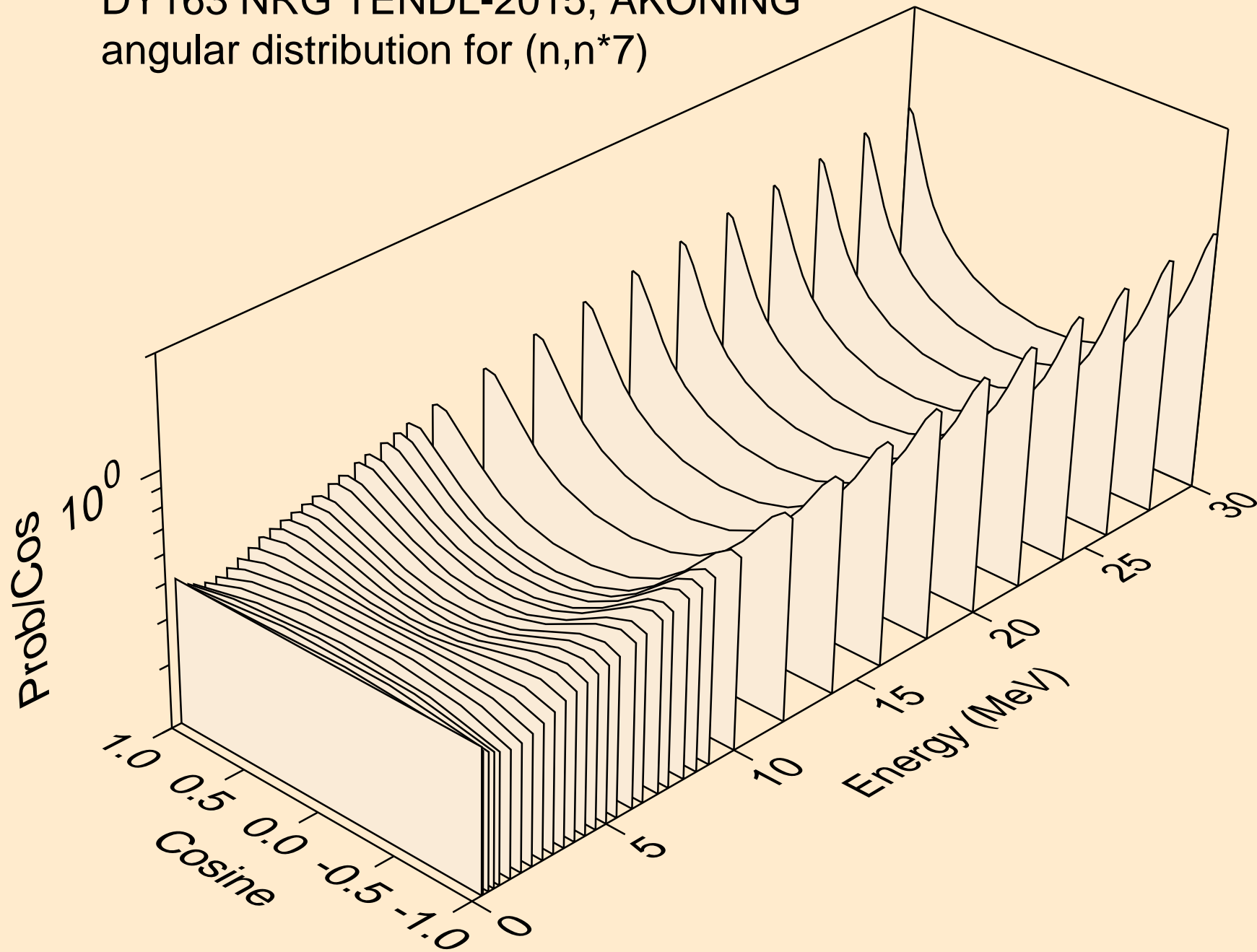


DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

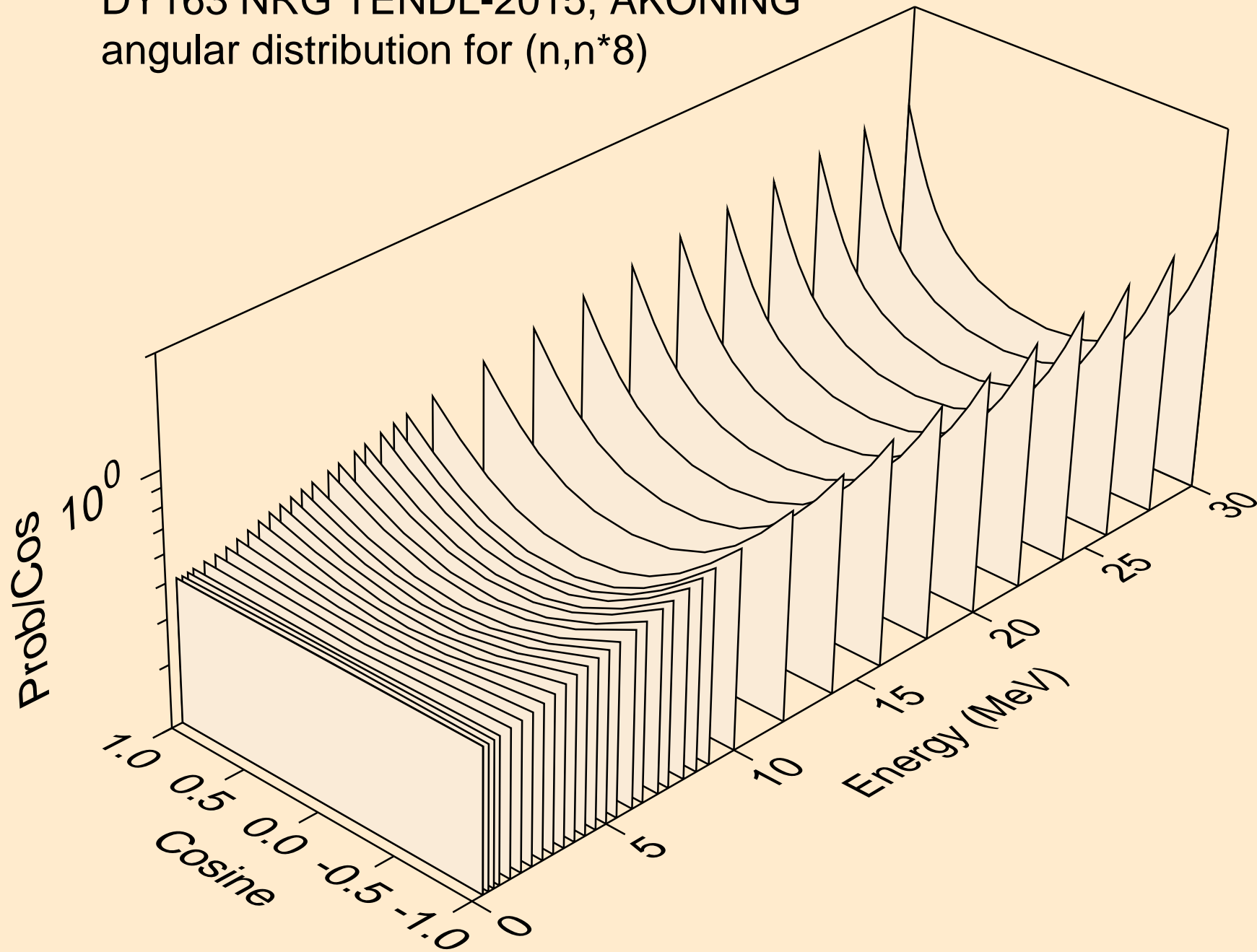




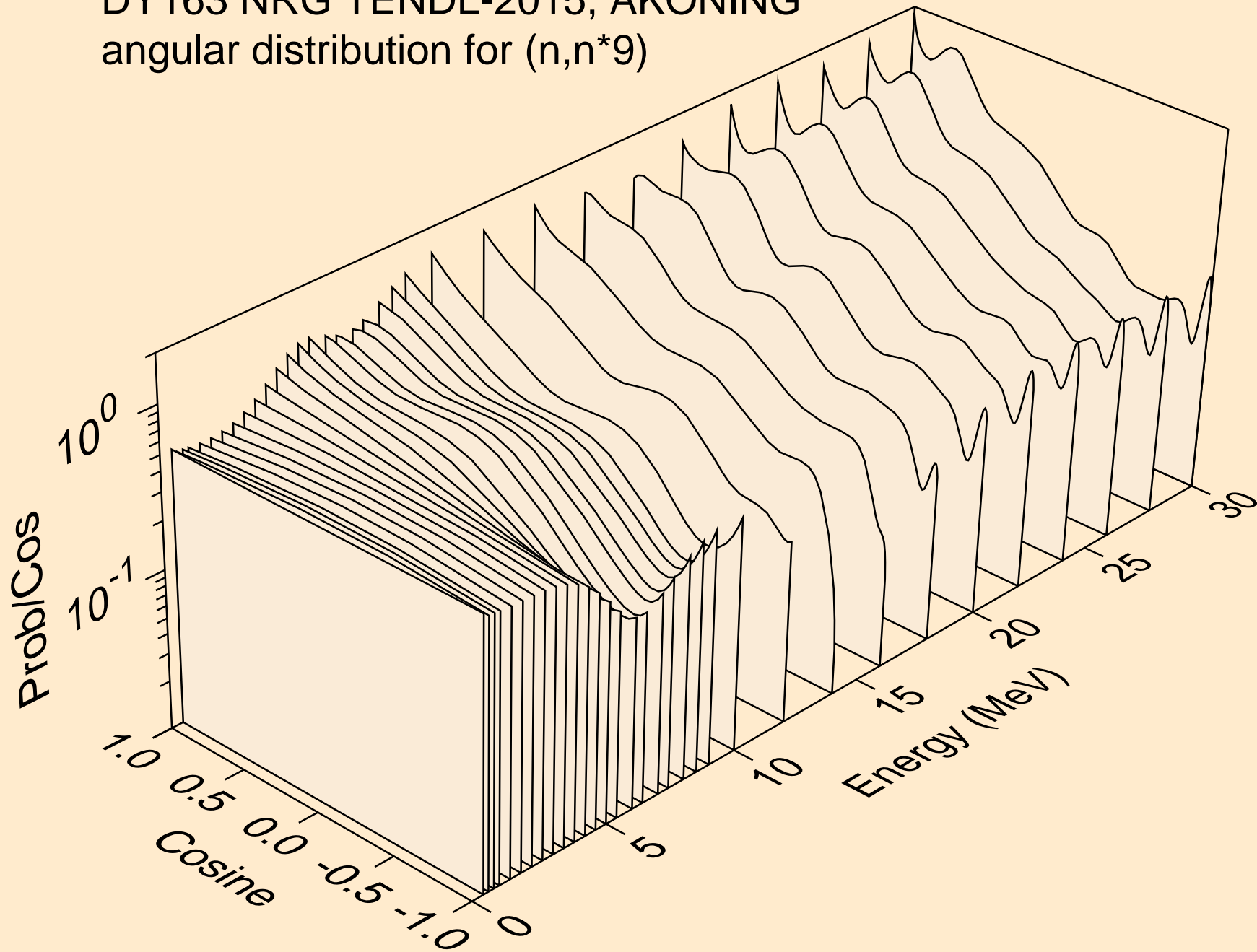
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



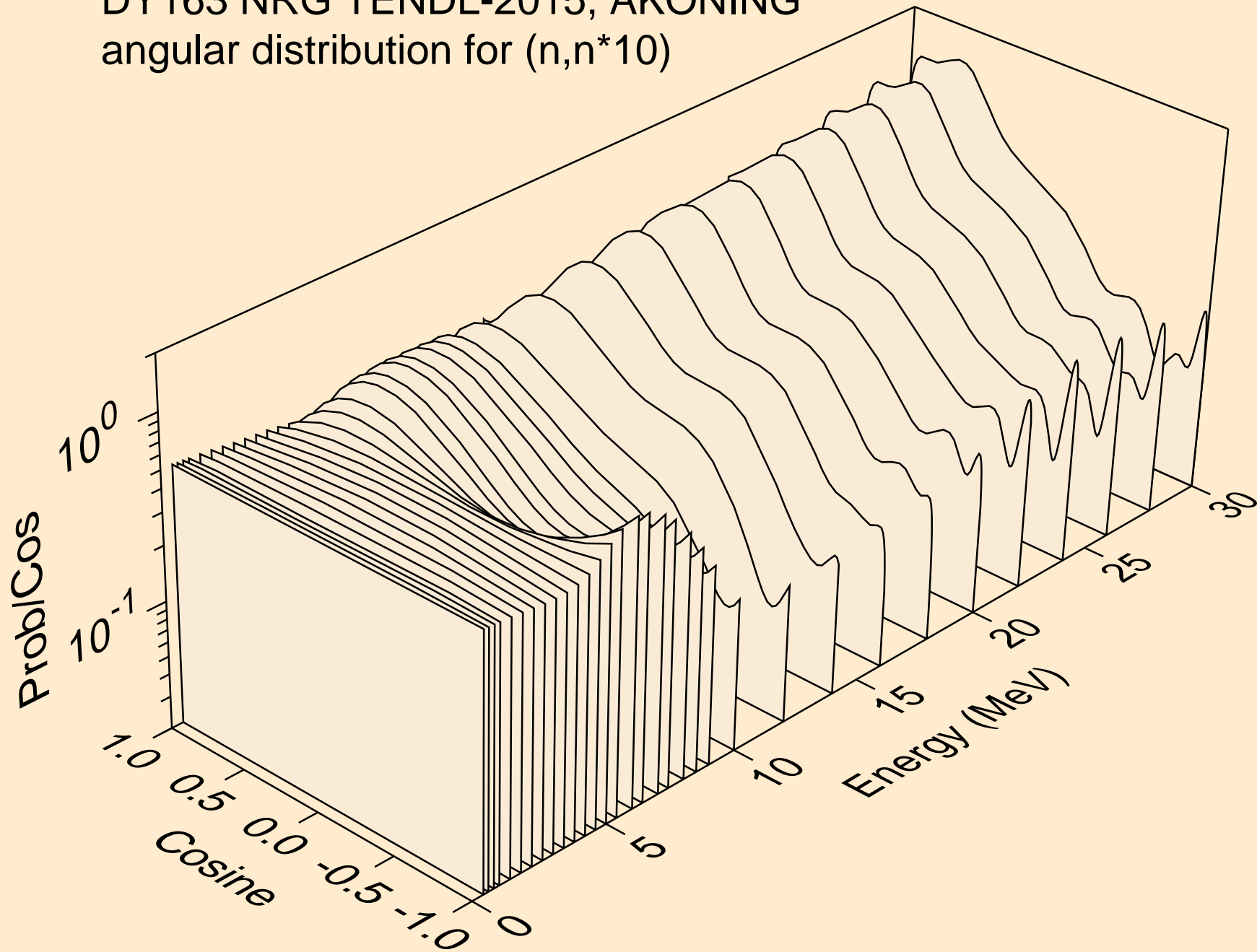
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



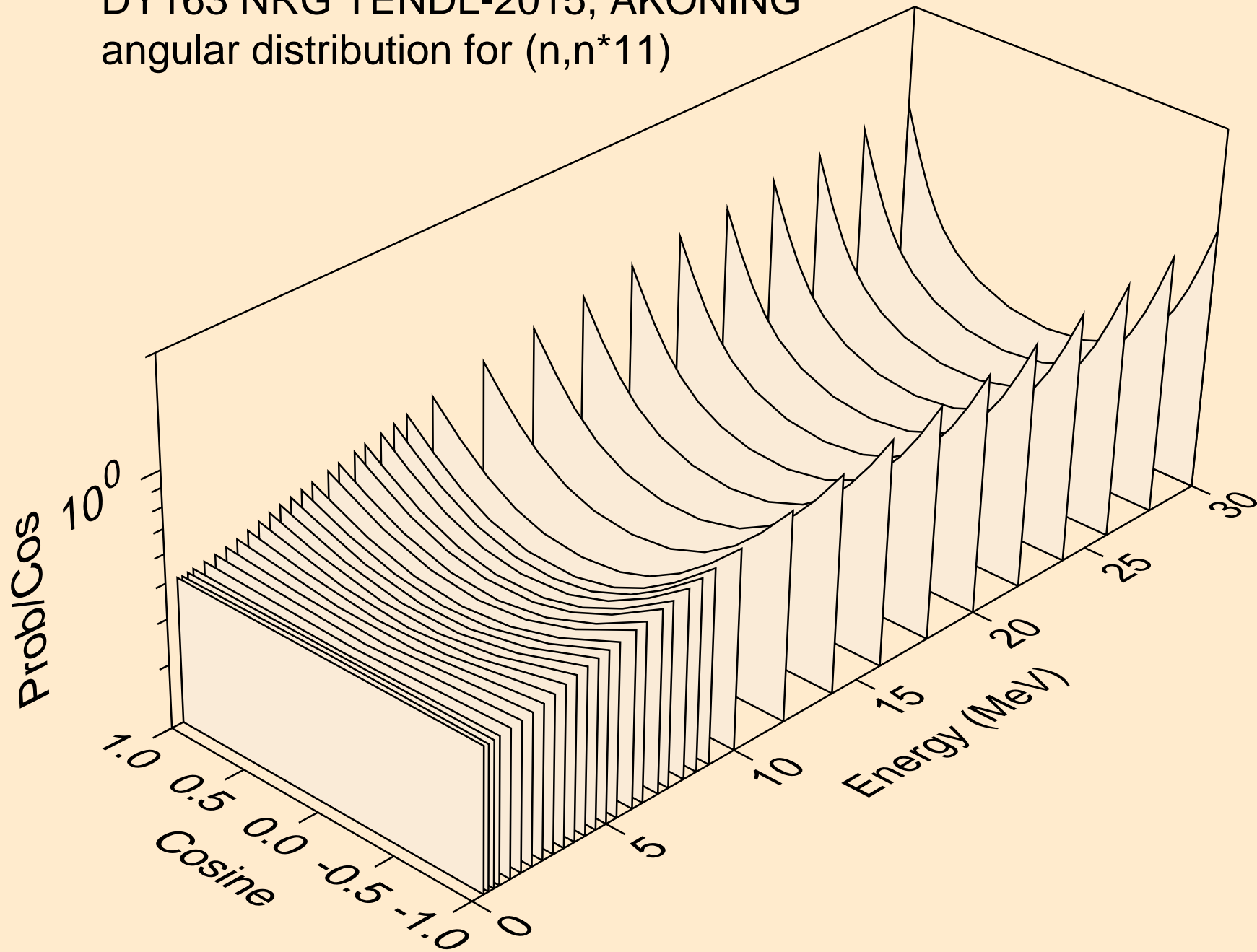
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



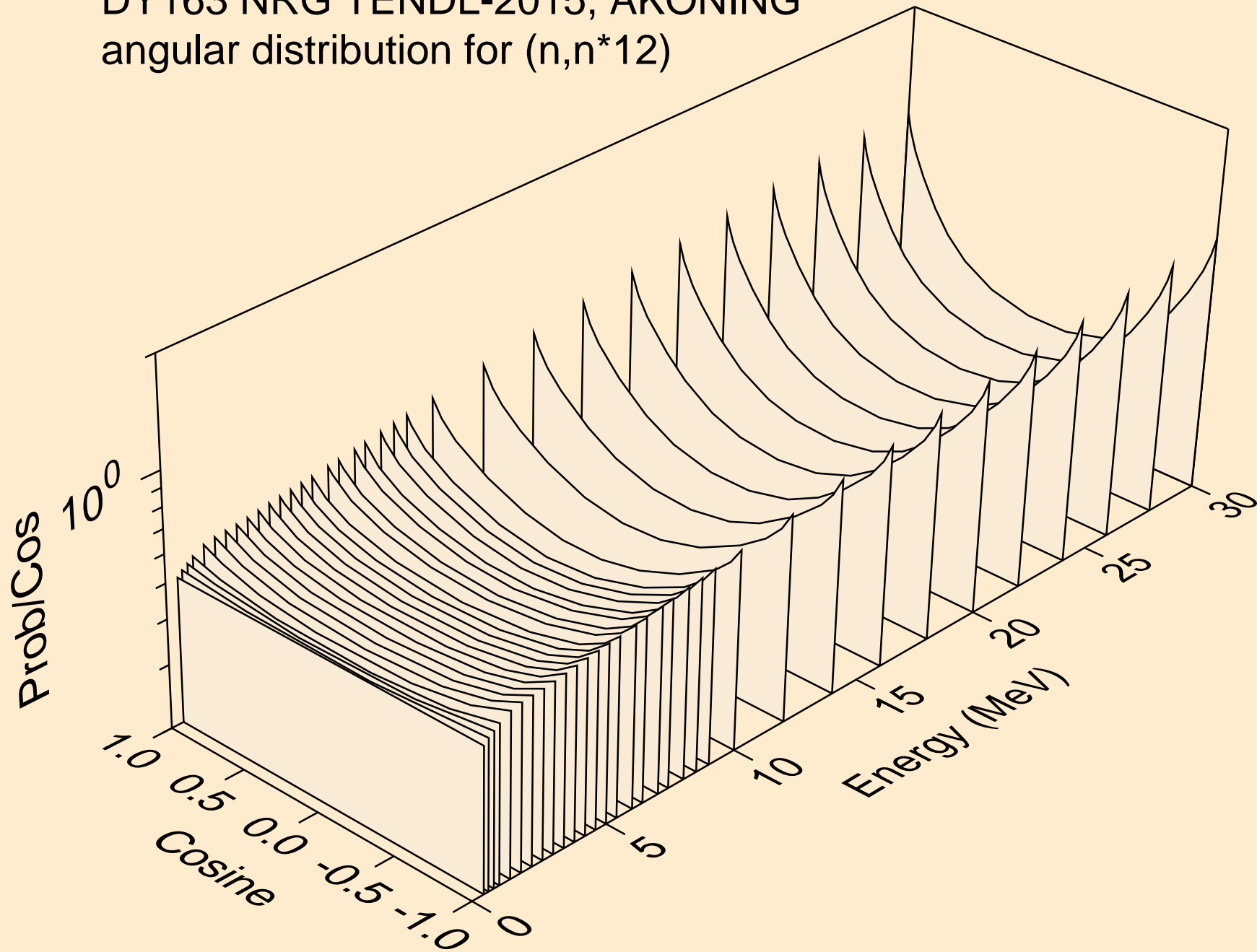
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



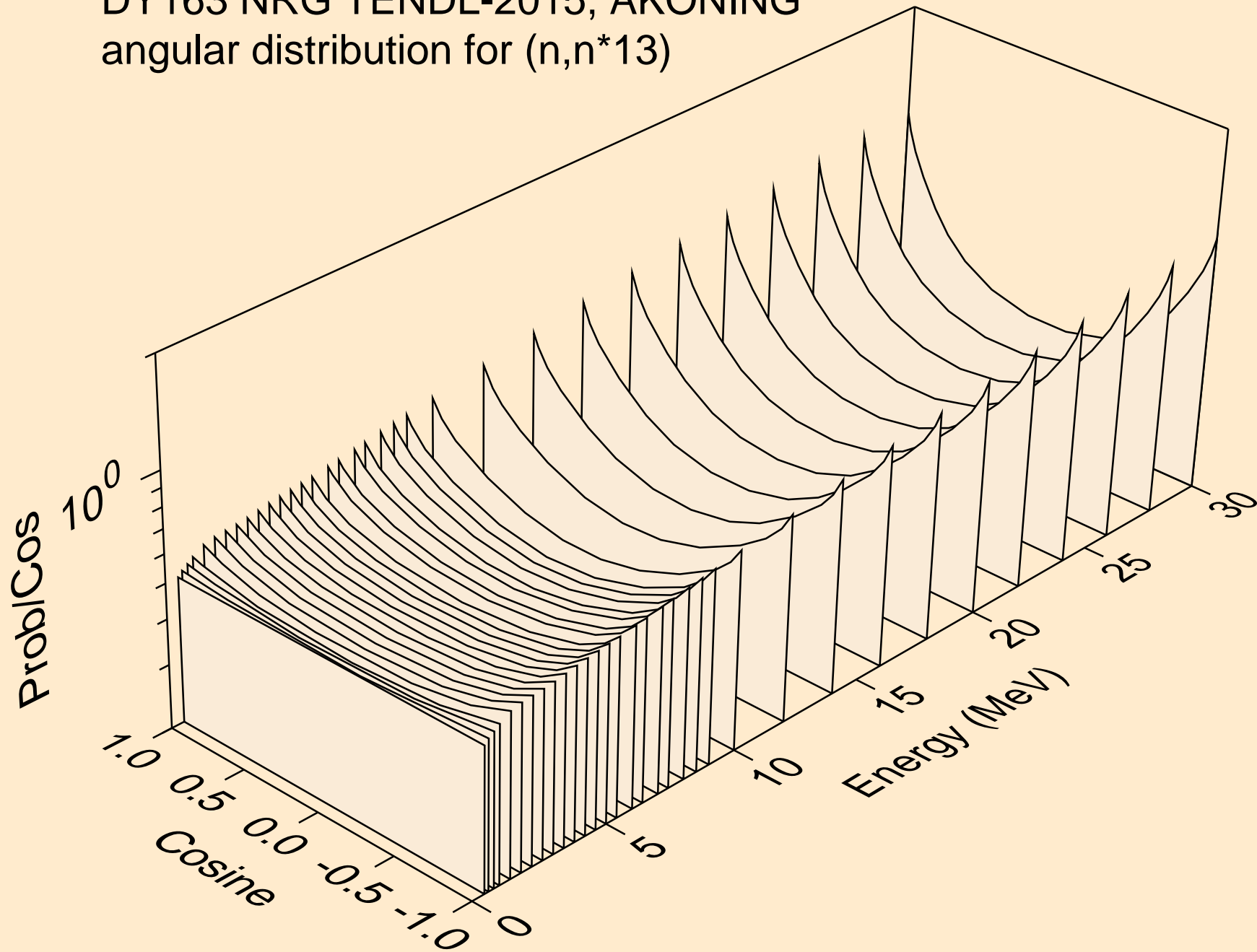
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



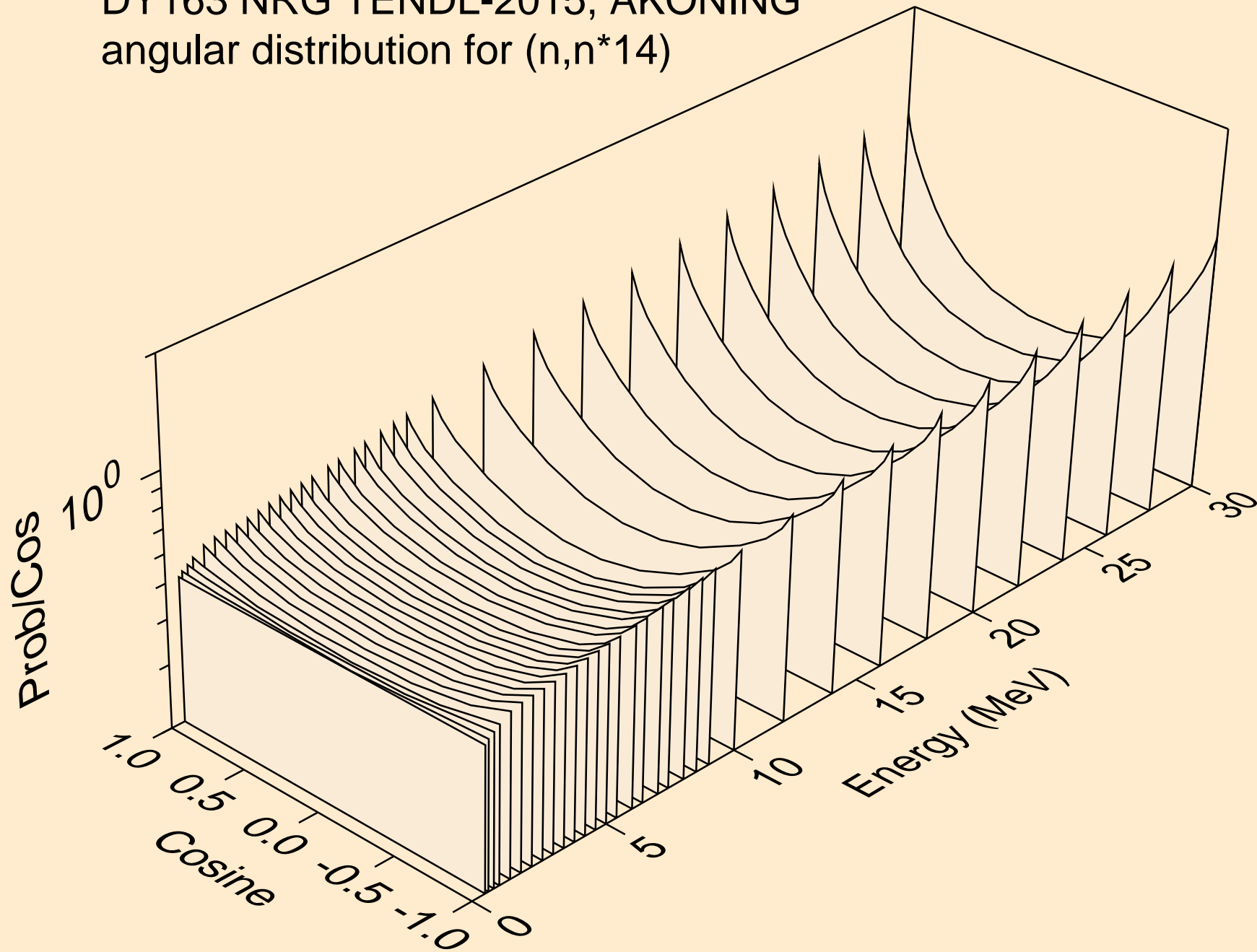
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

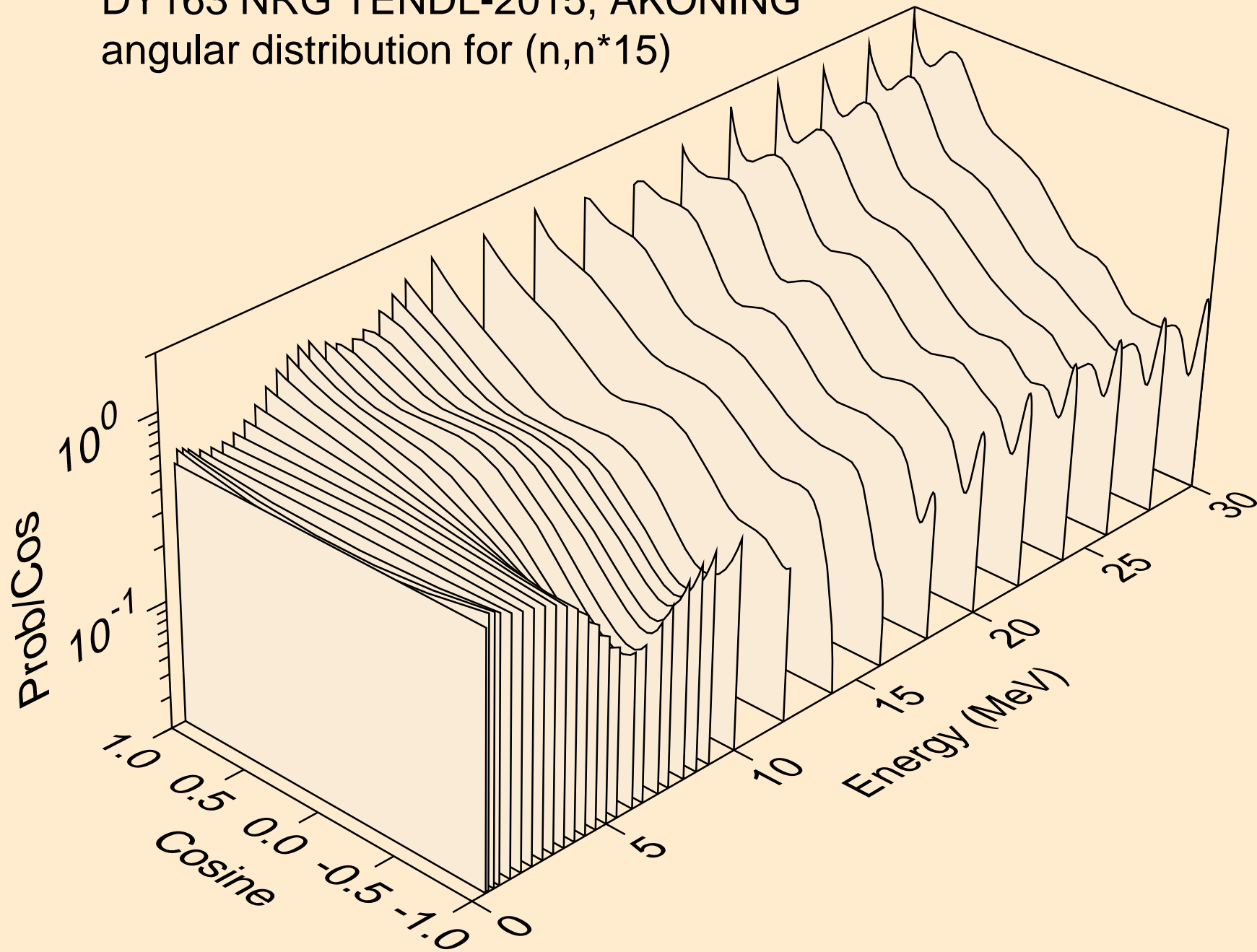


DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

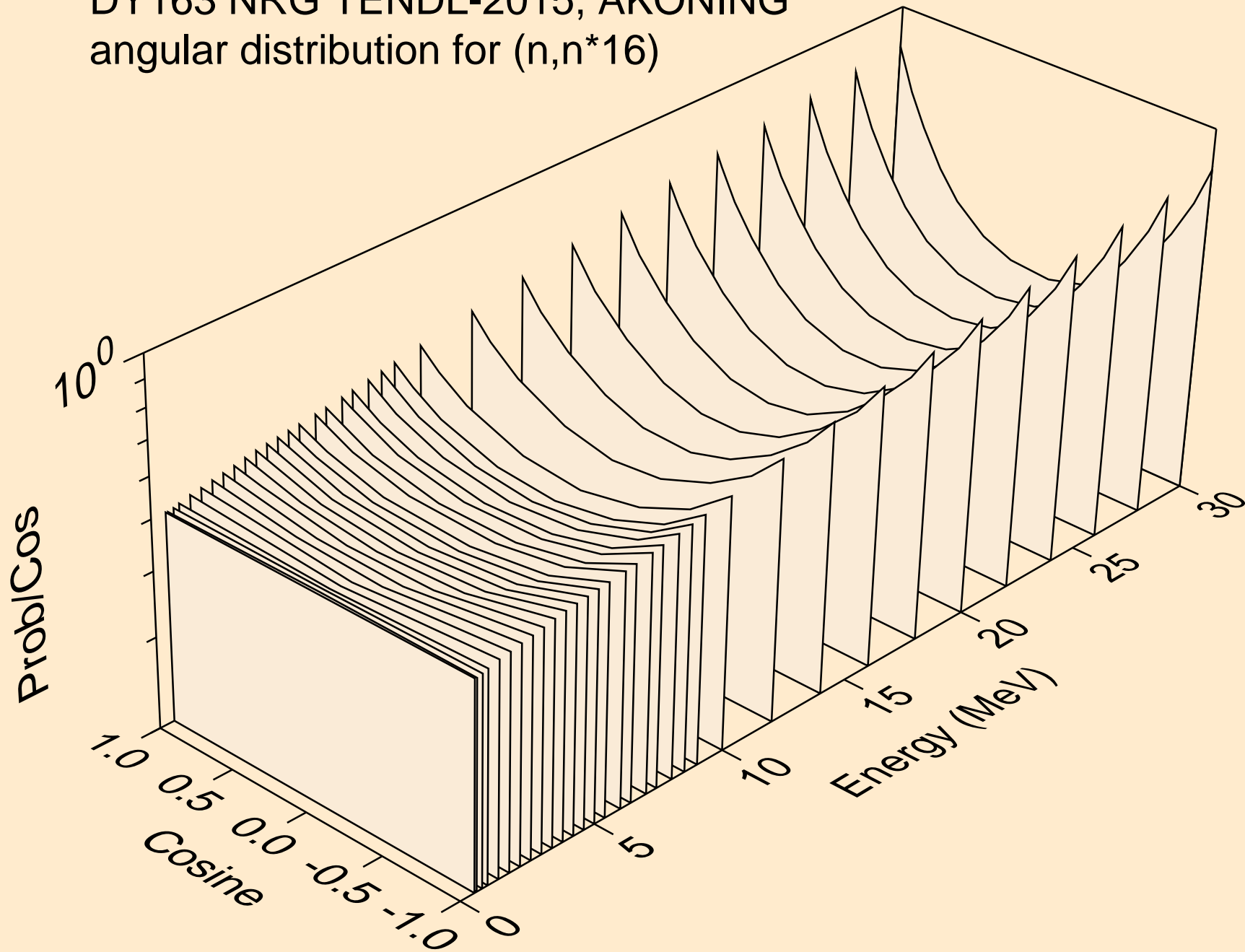




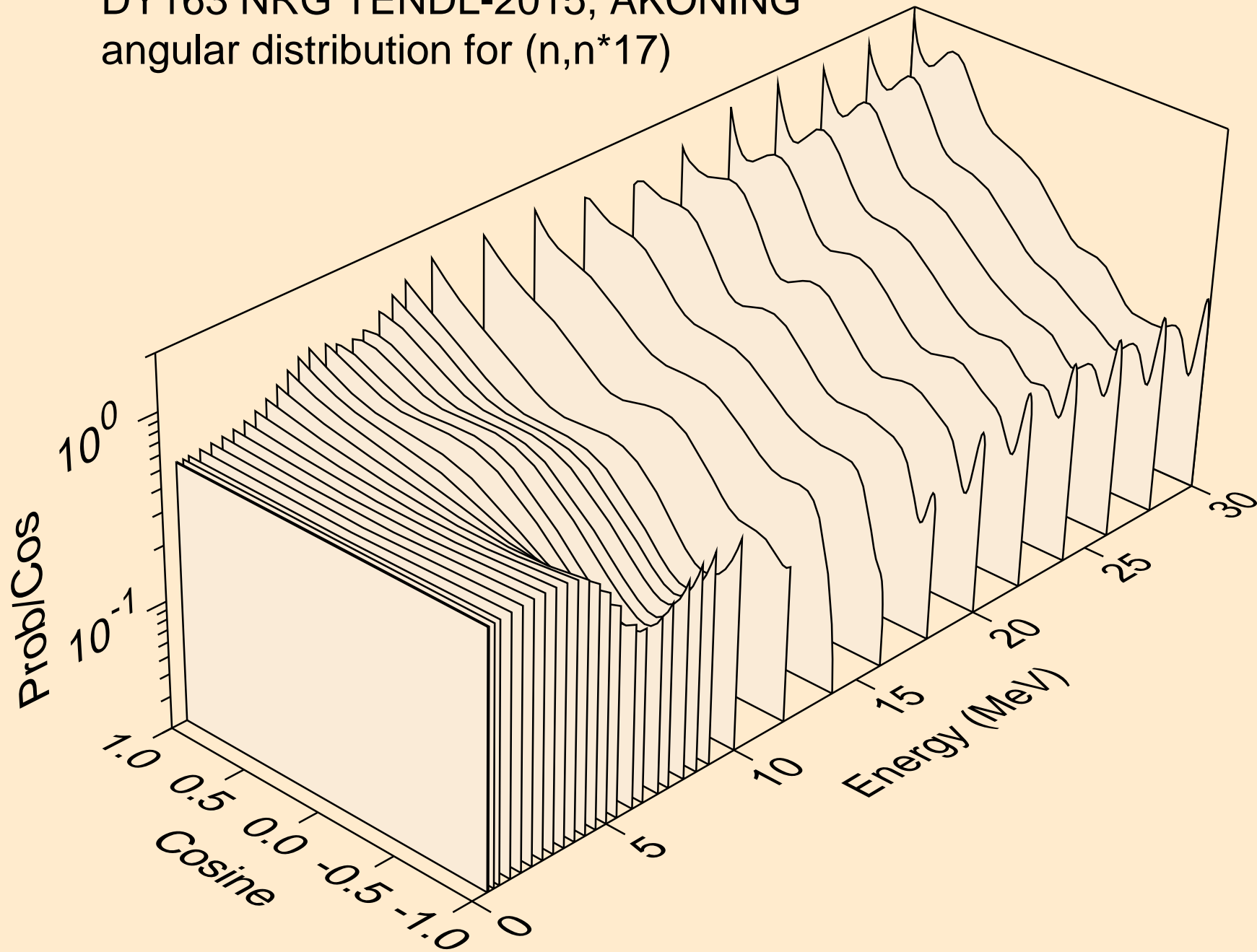
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



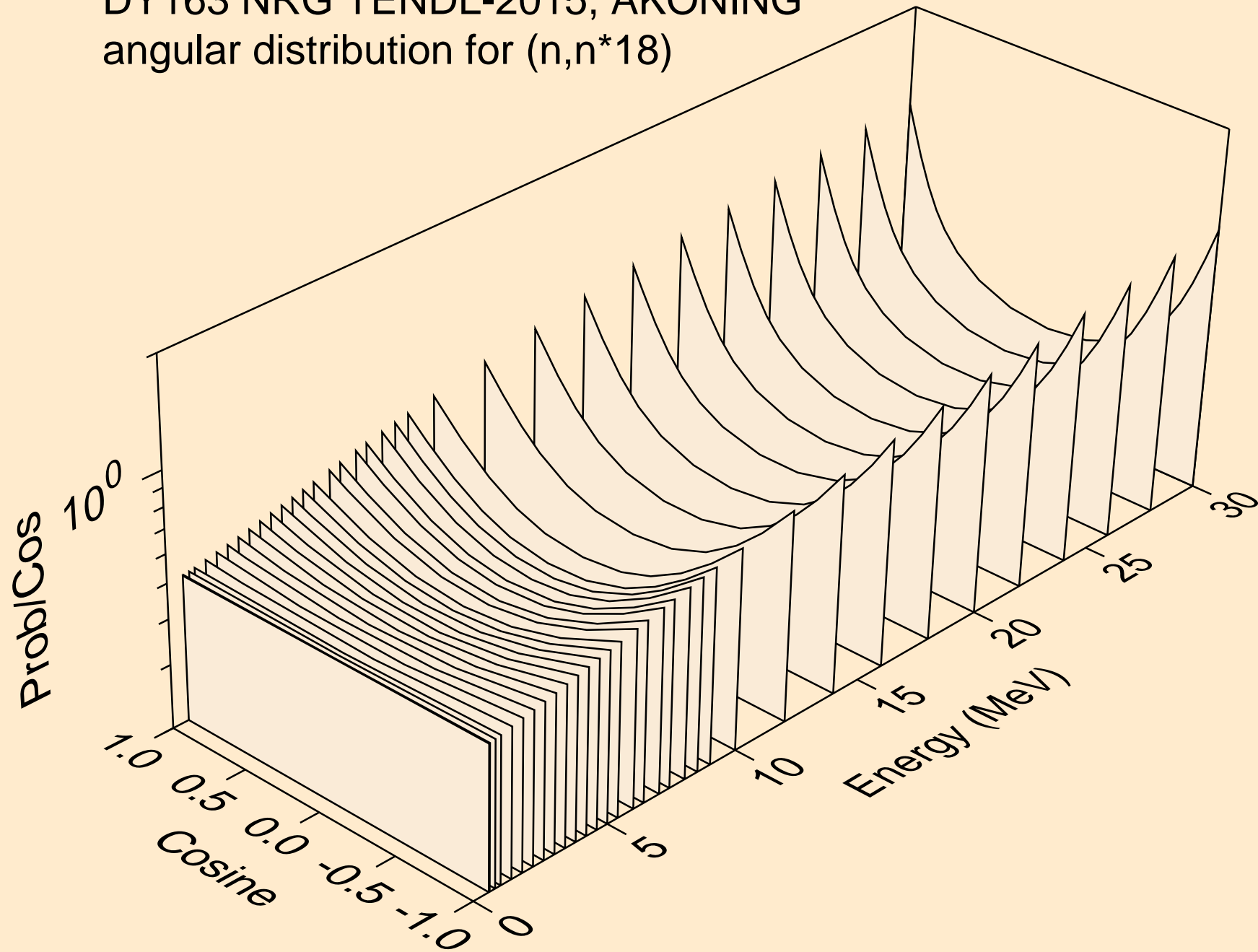
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



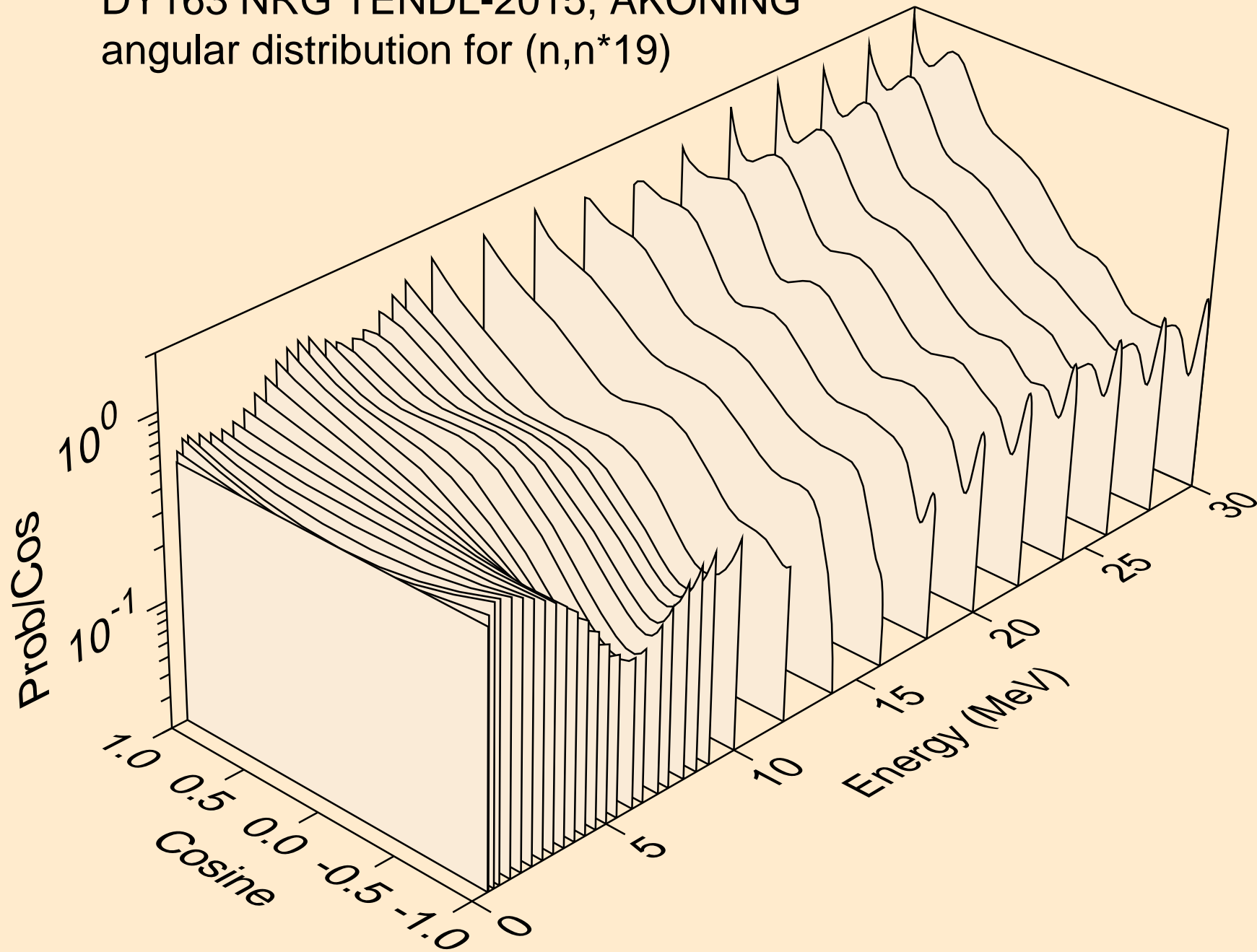
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



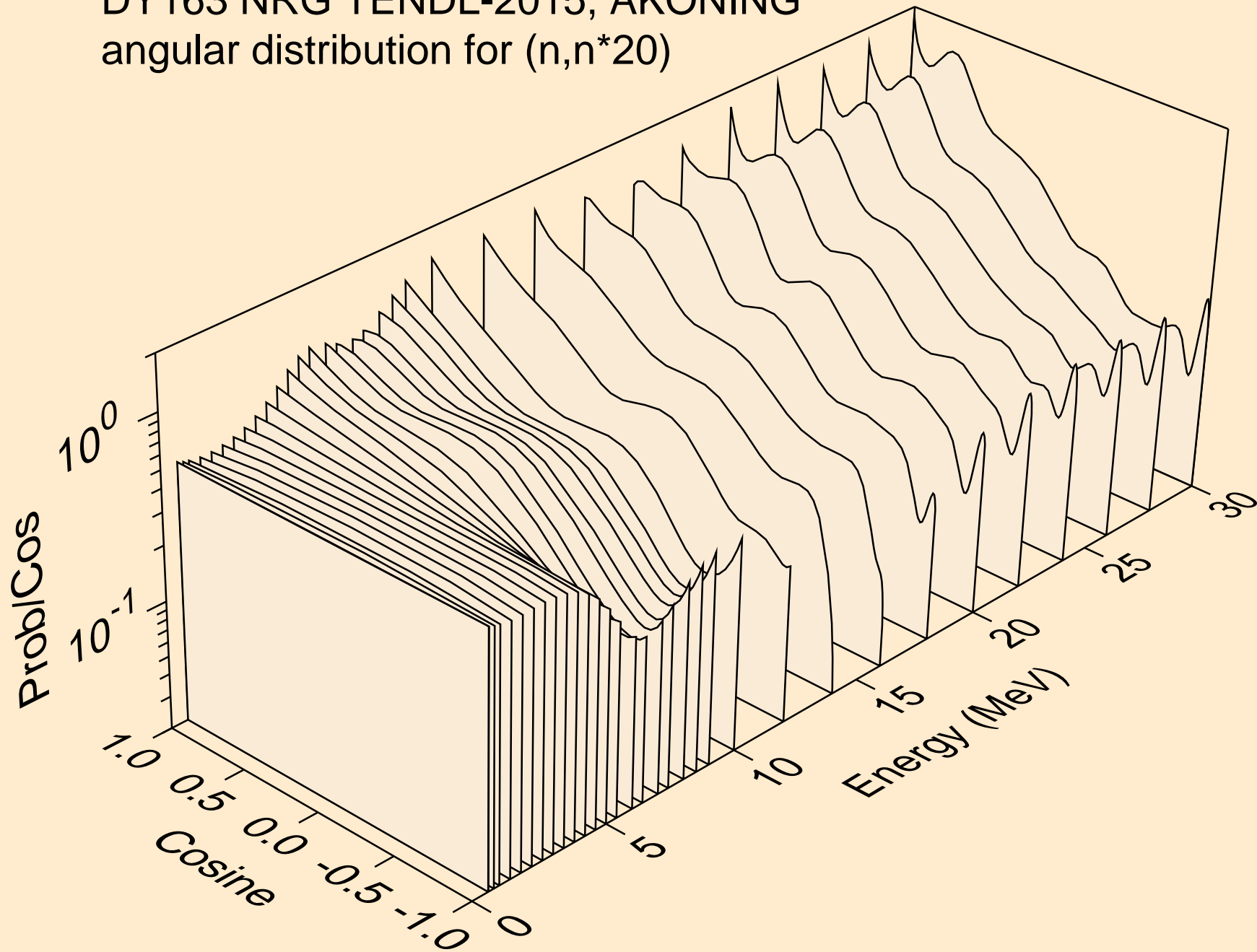
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



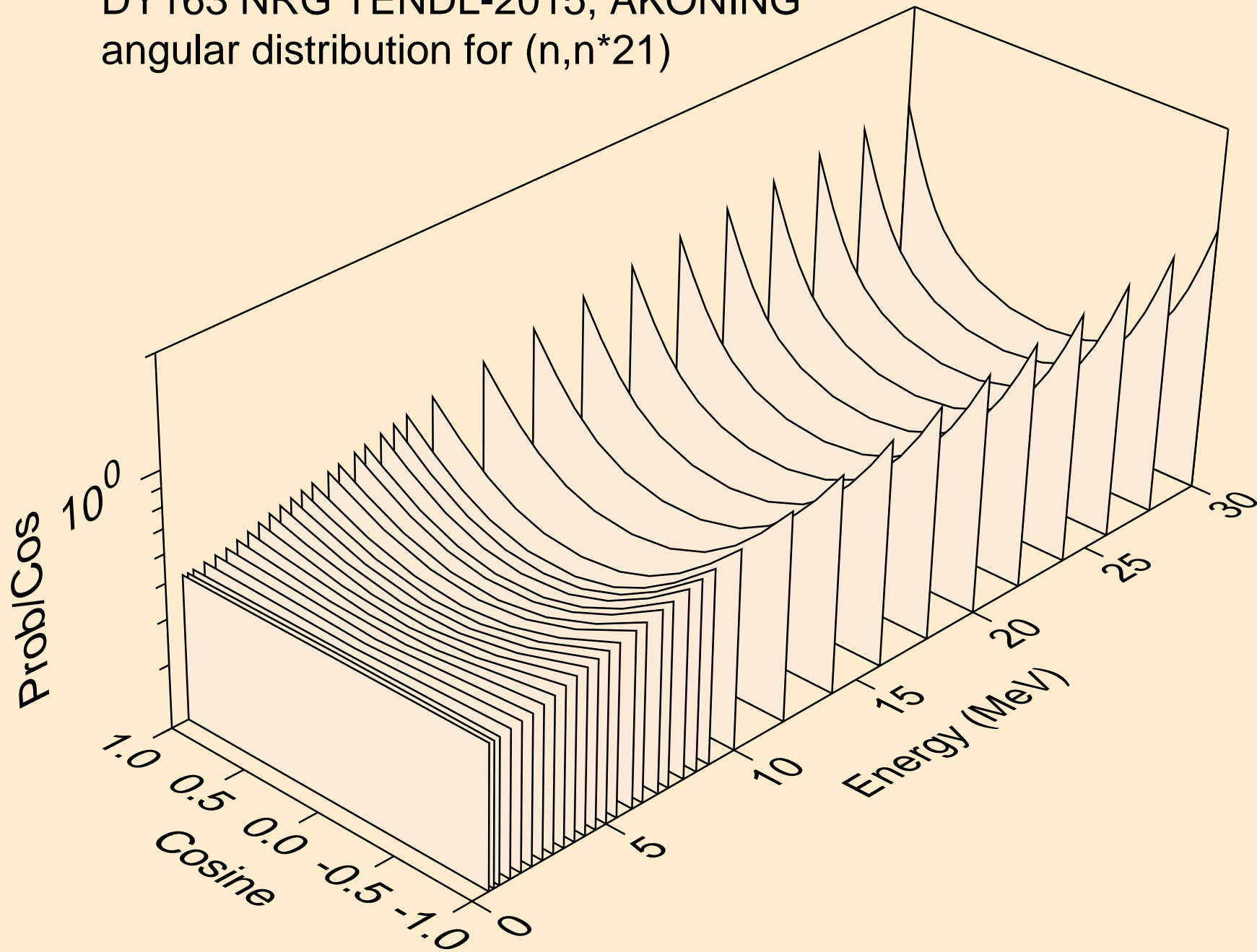
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



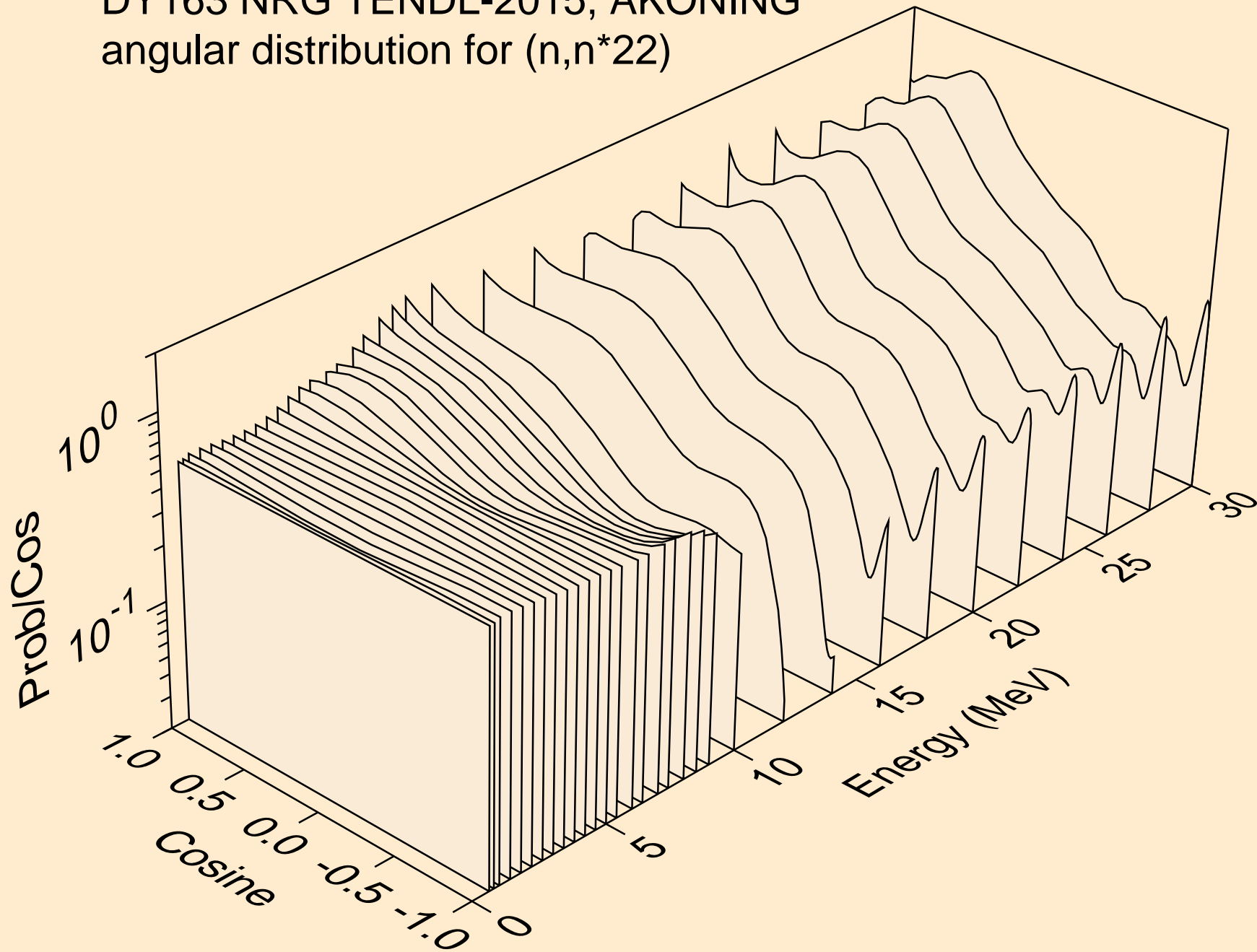
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

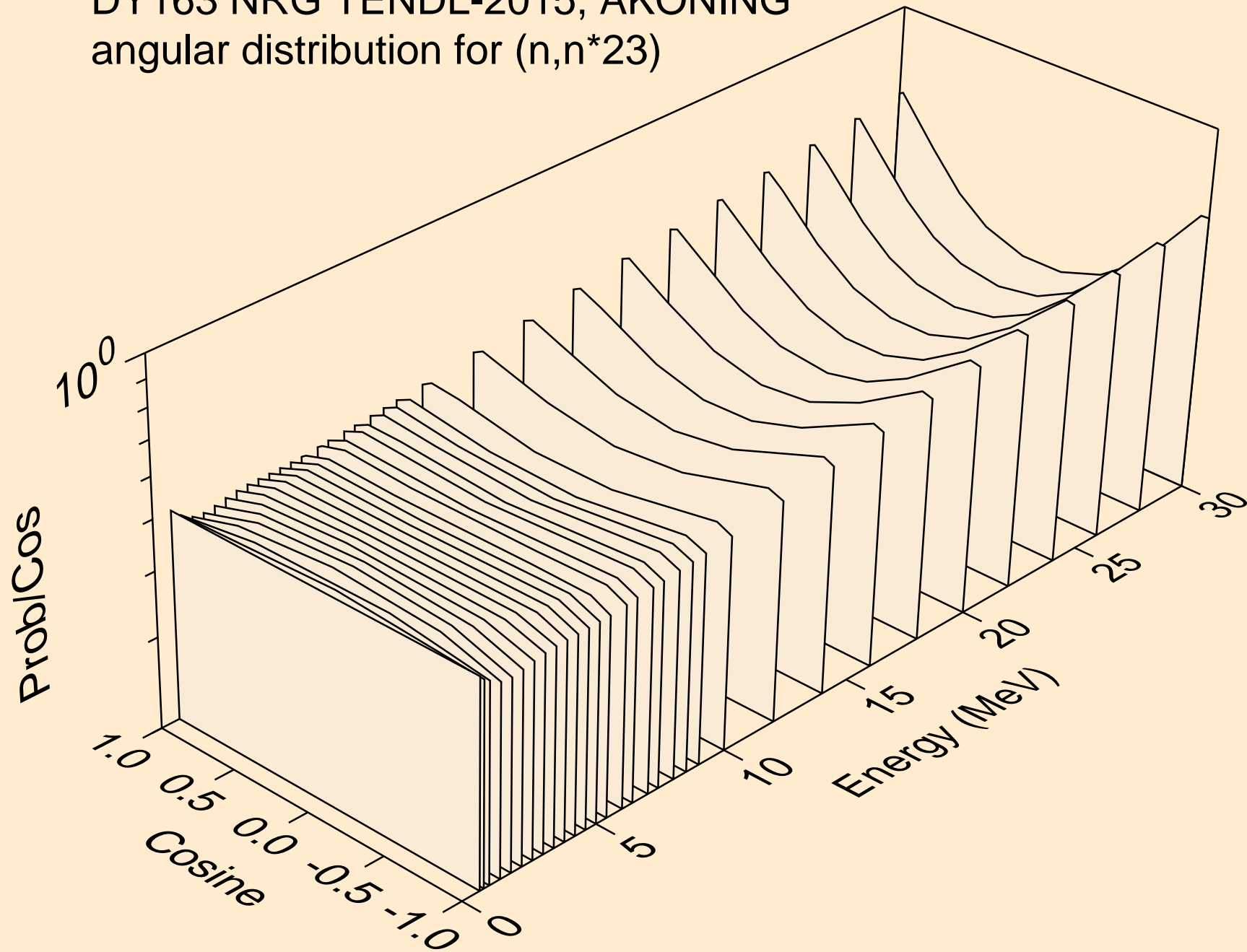


DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

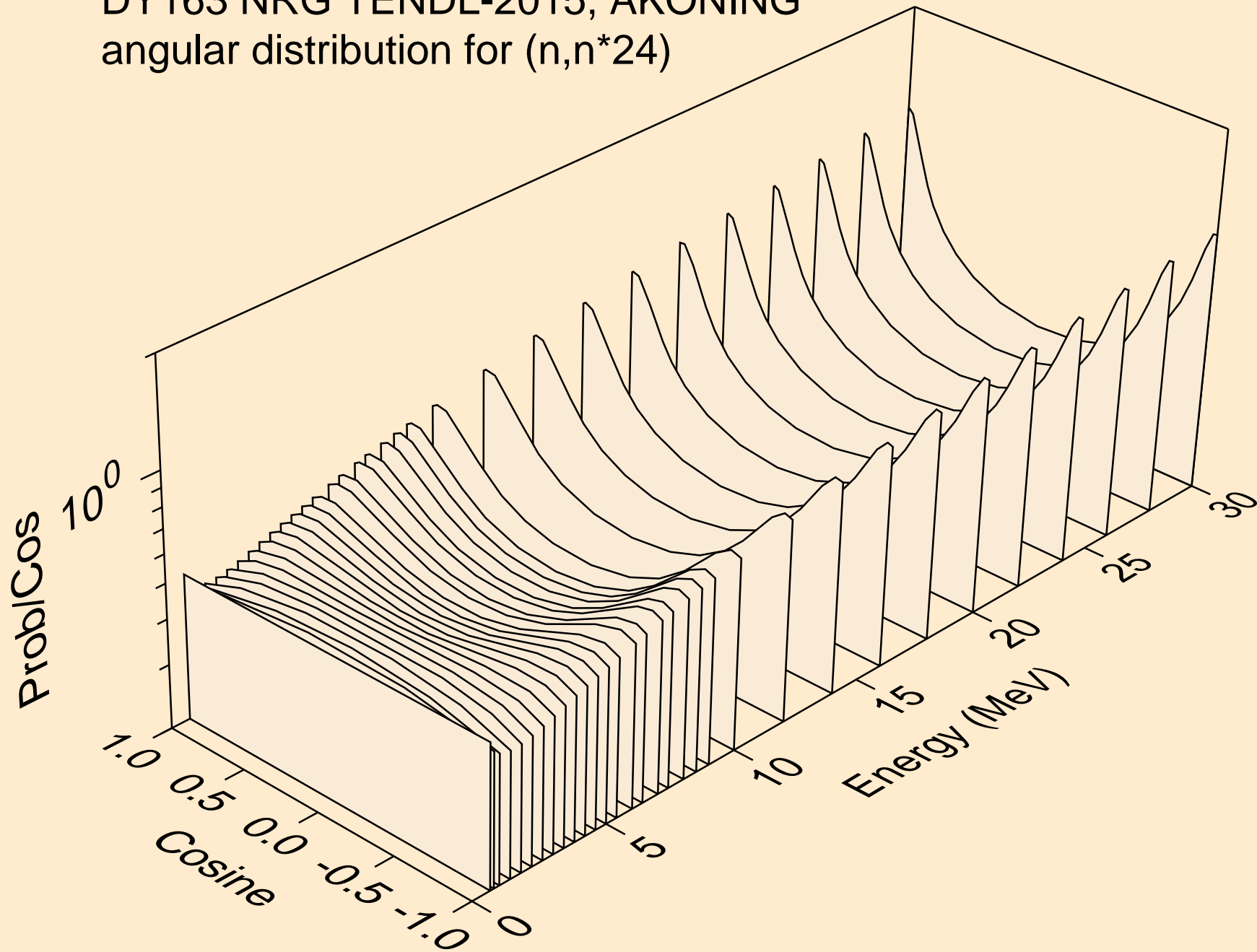




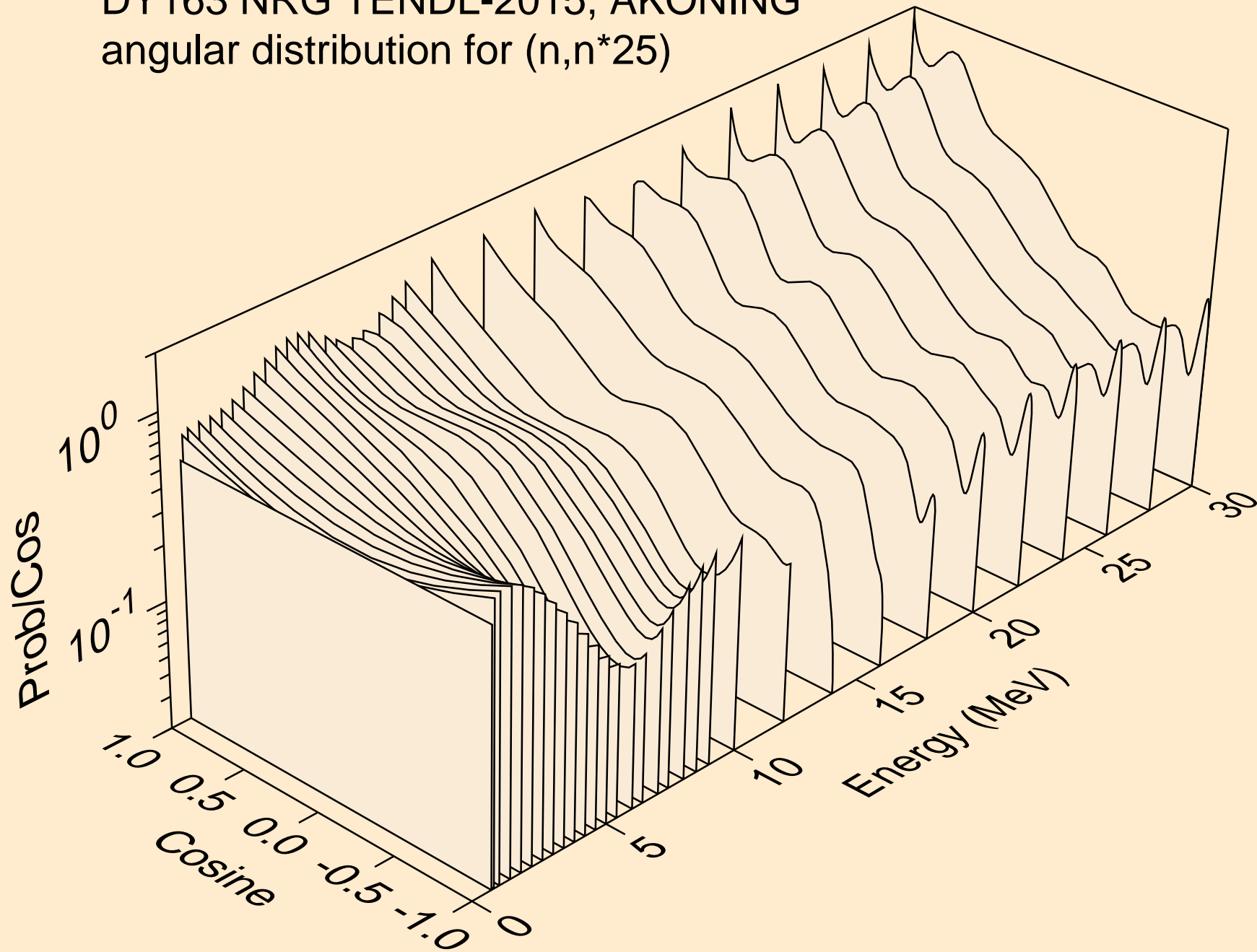
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



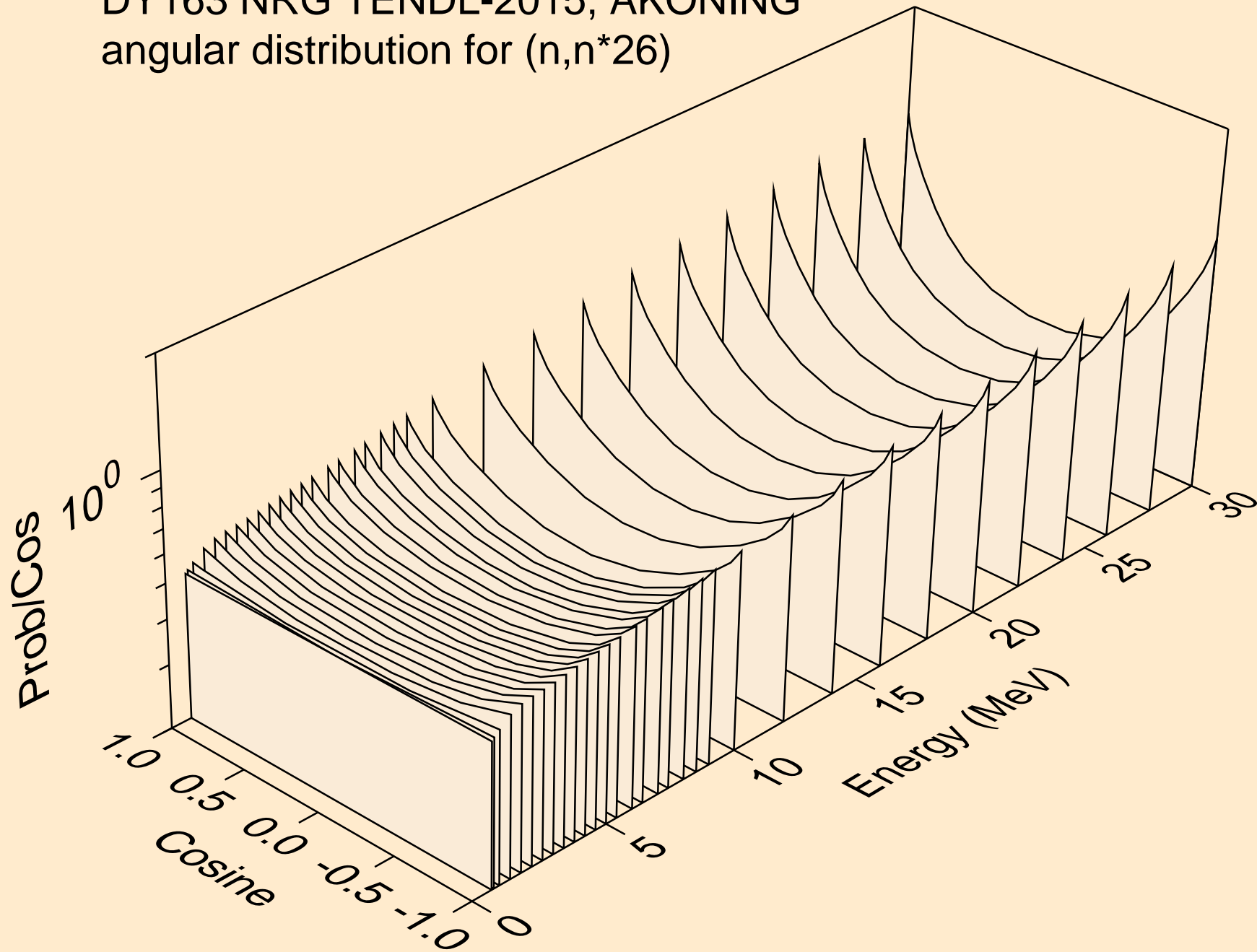
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



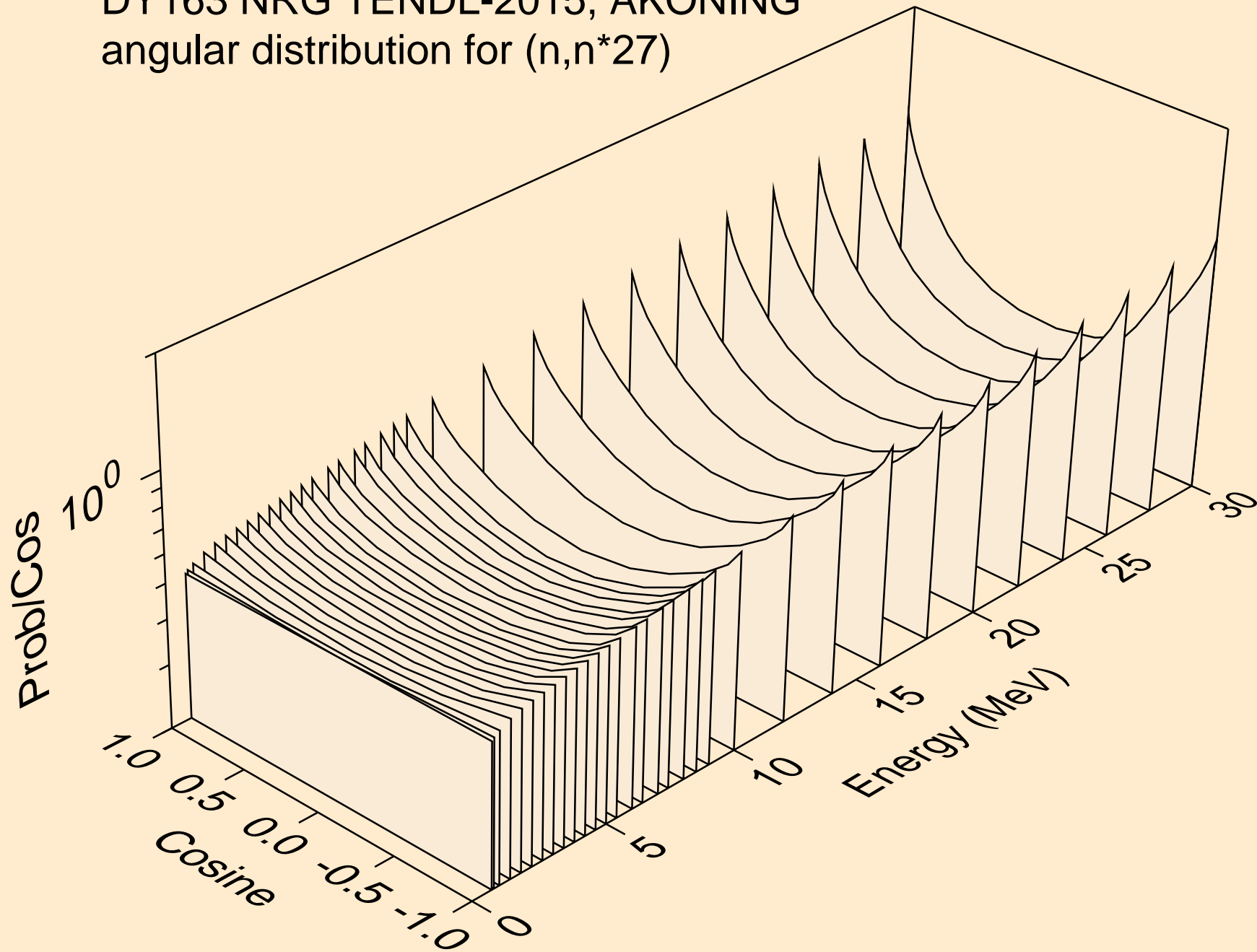
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



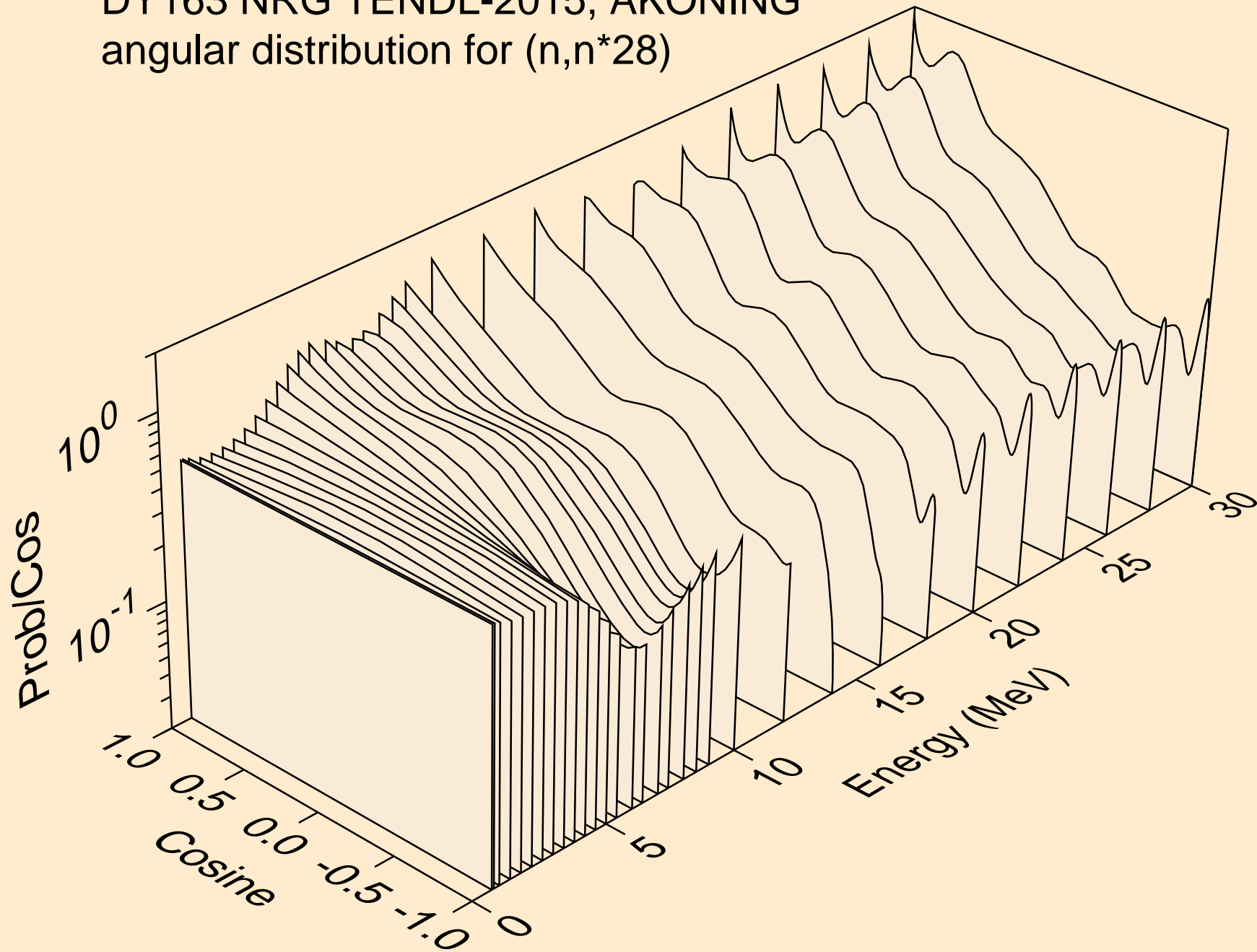
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



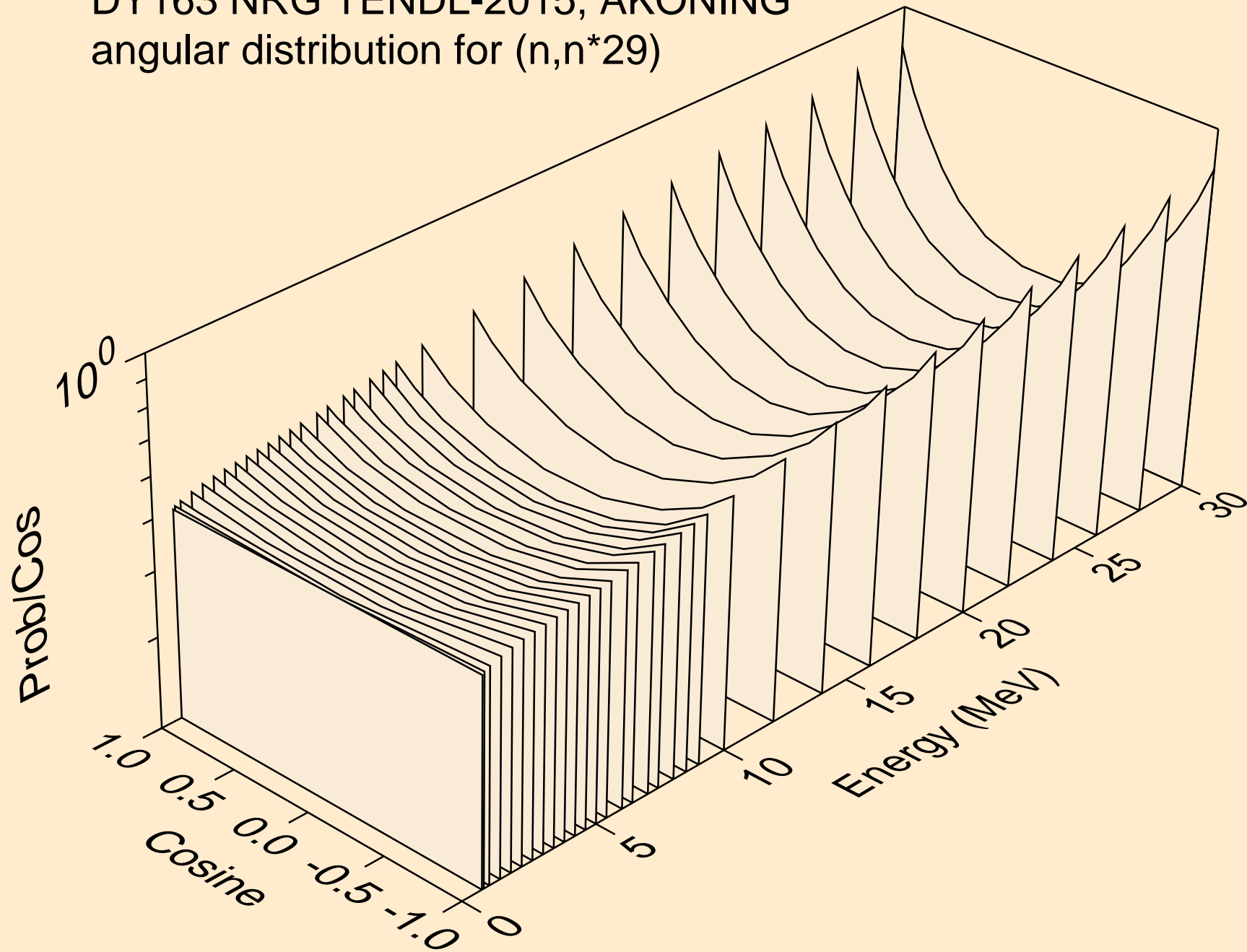
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



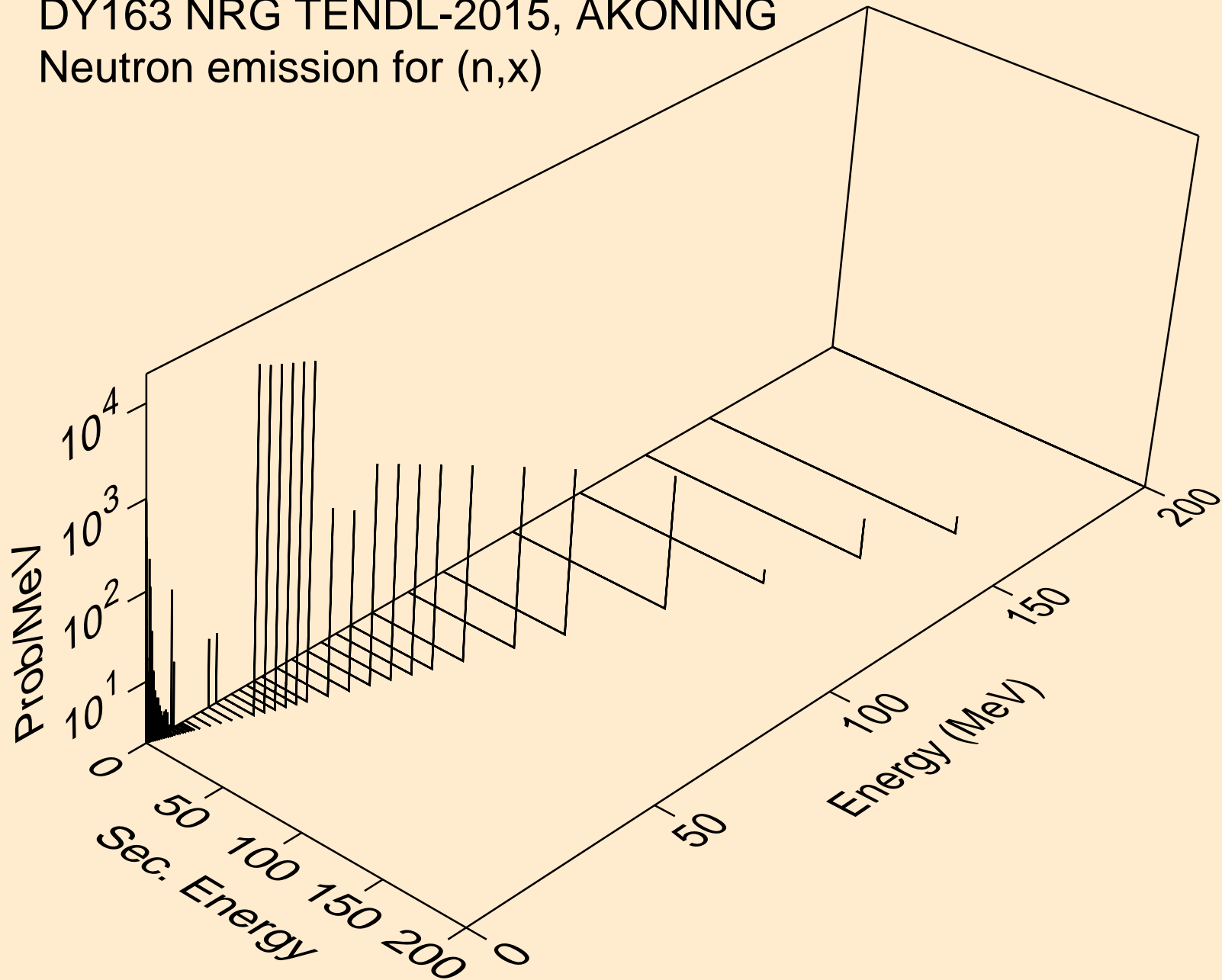
DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



DY163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

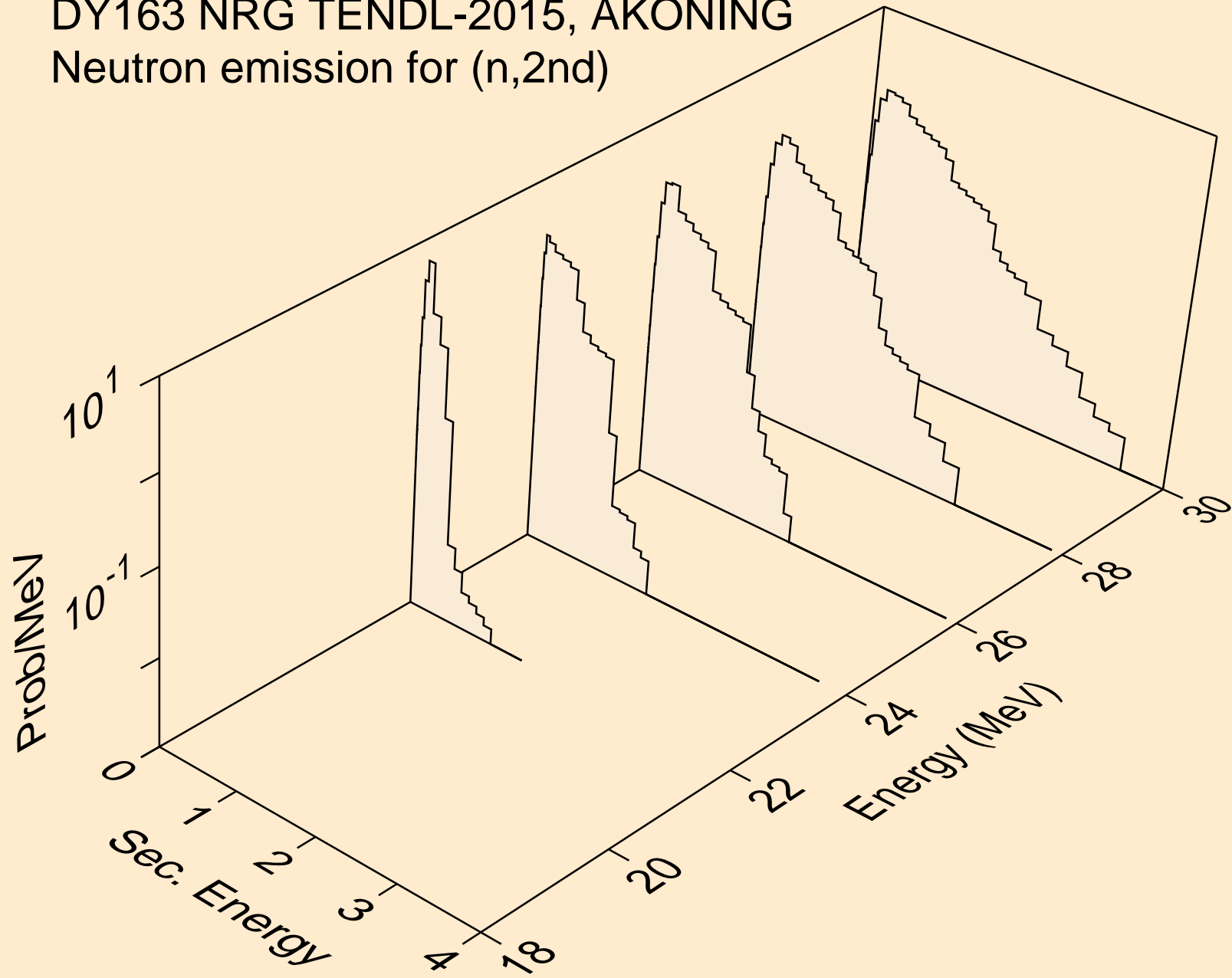


DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

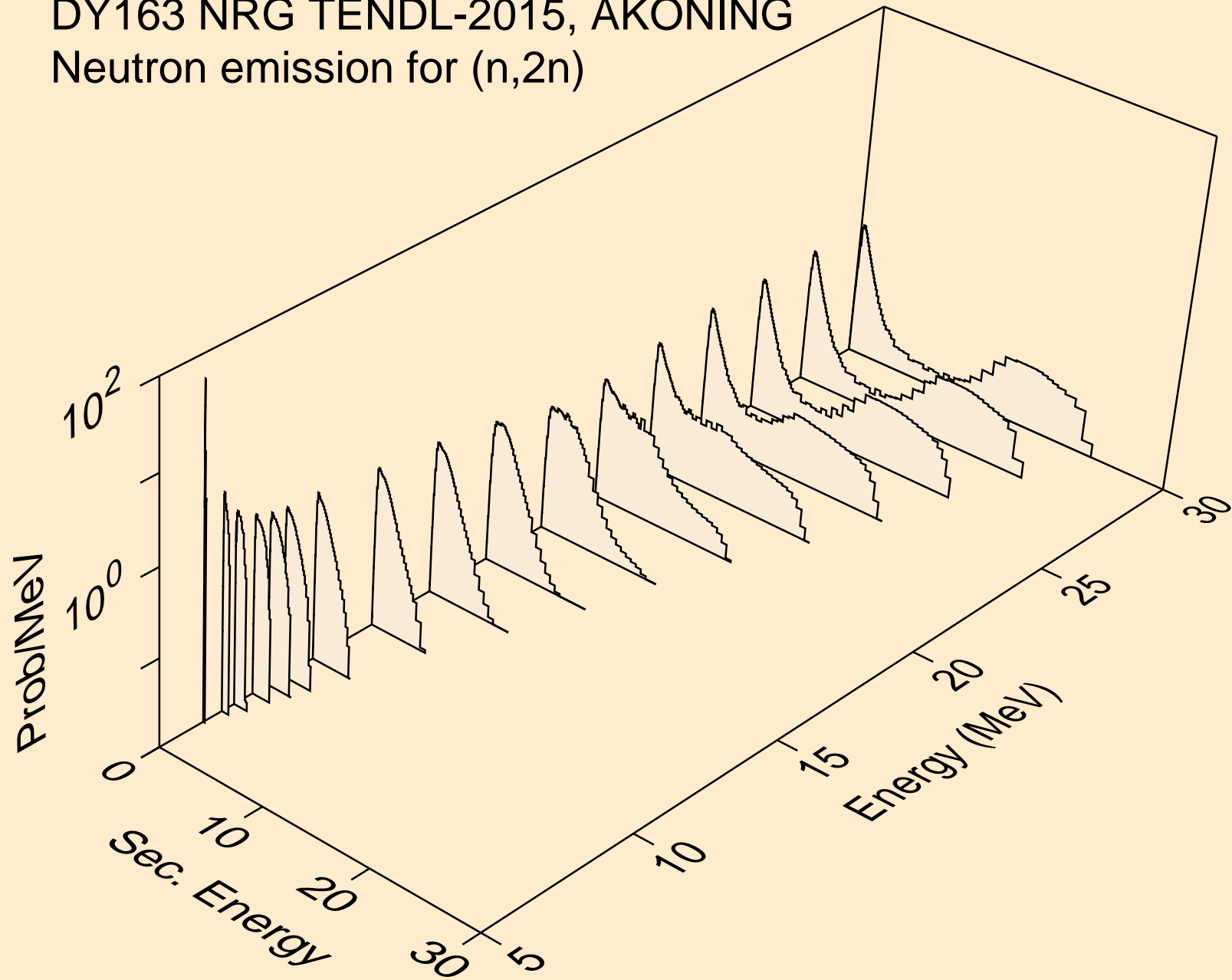




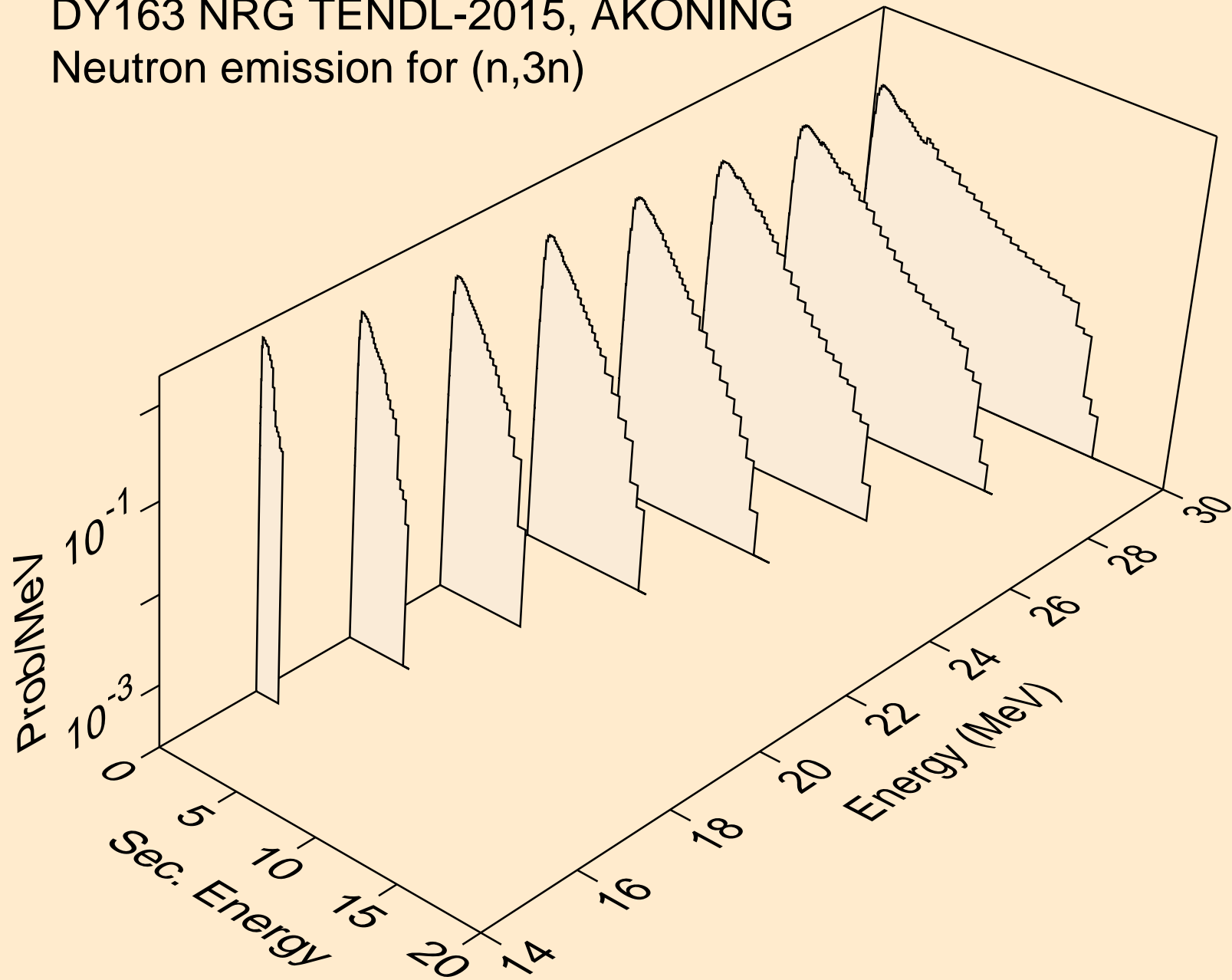
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



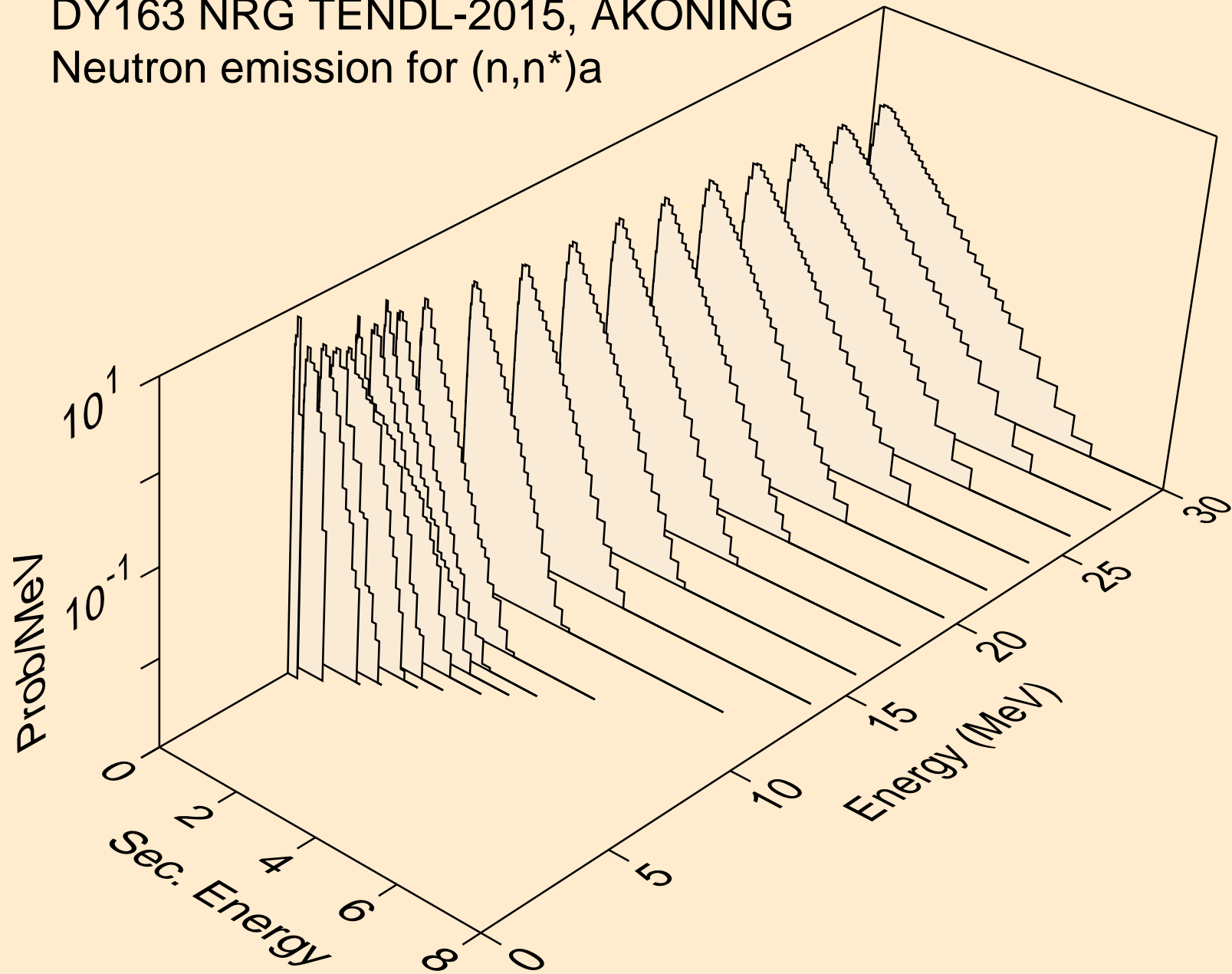
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



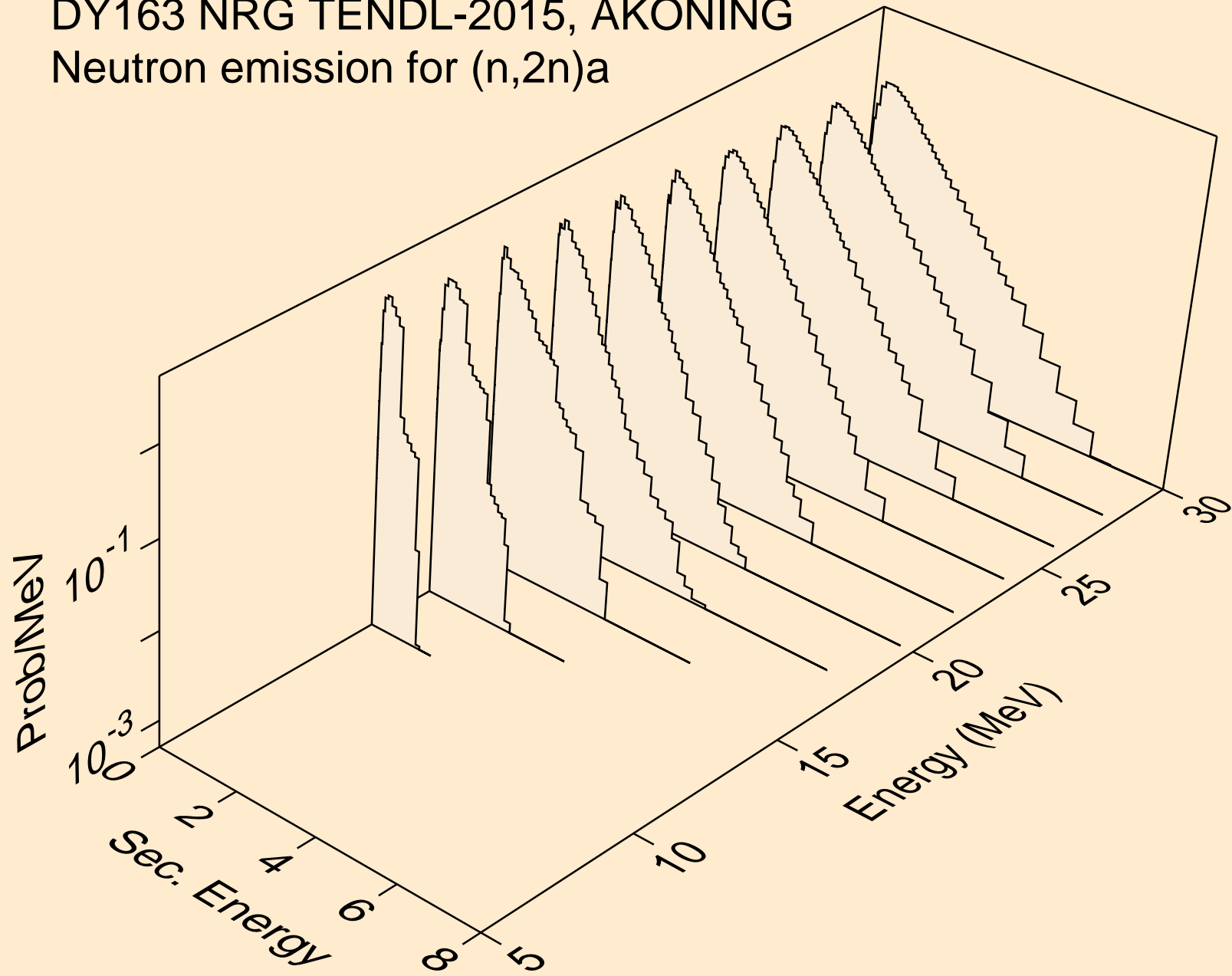
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



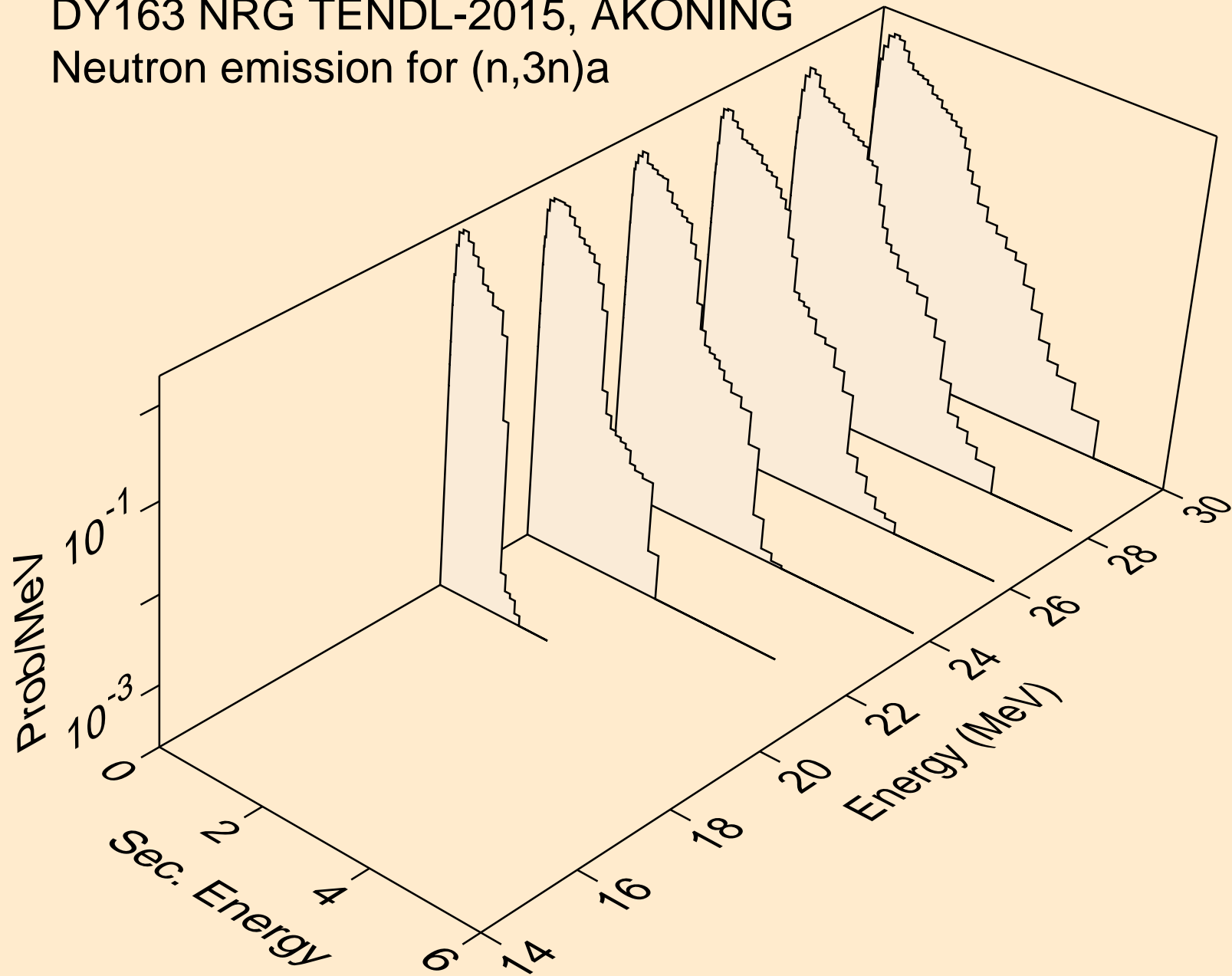
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



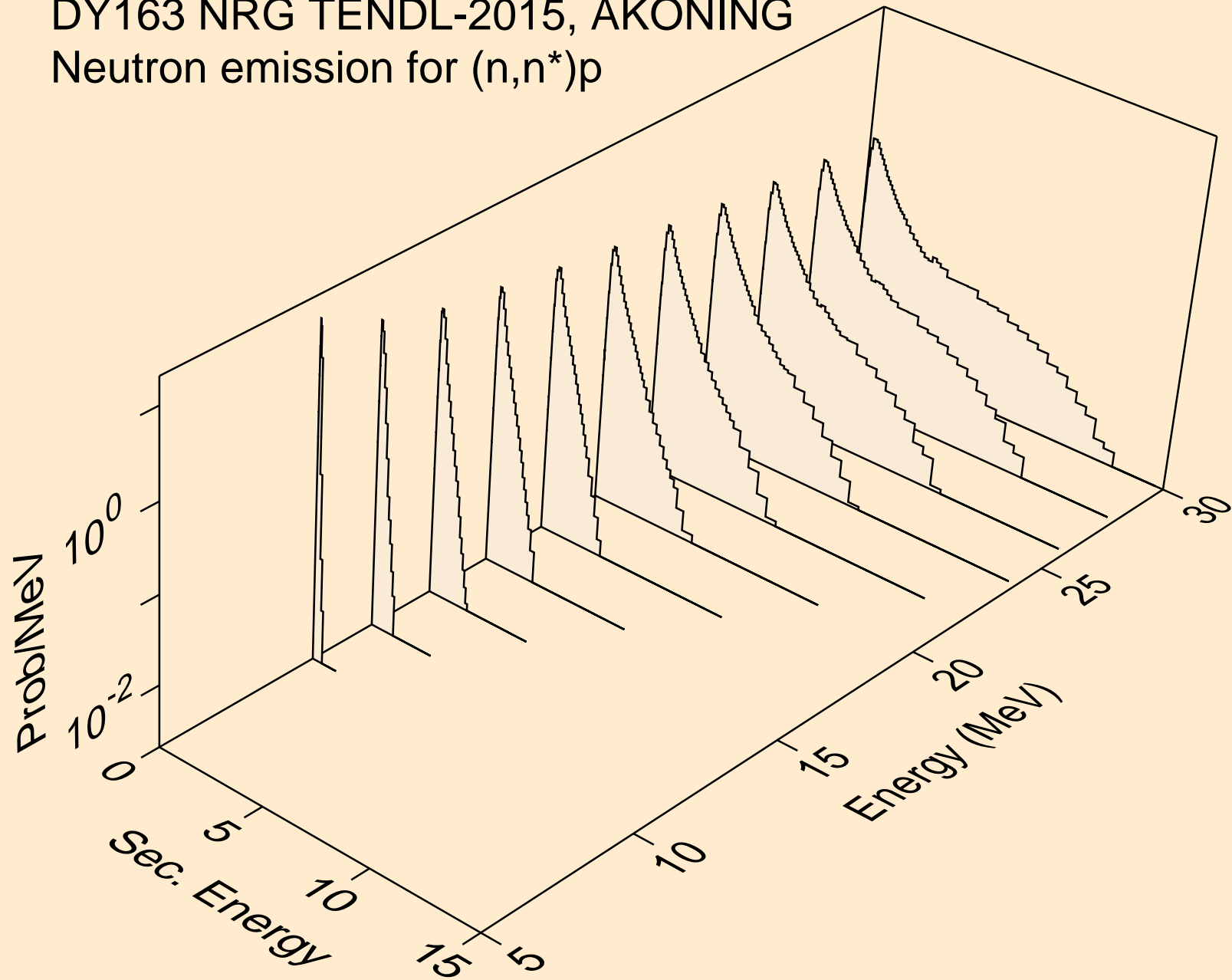
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



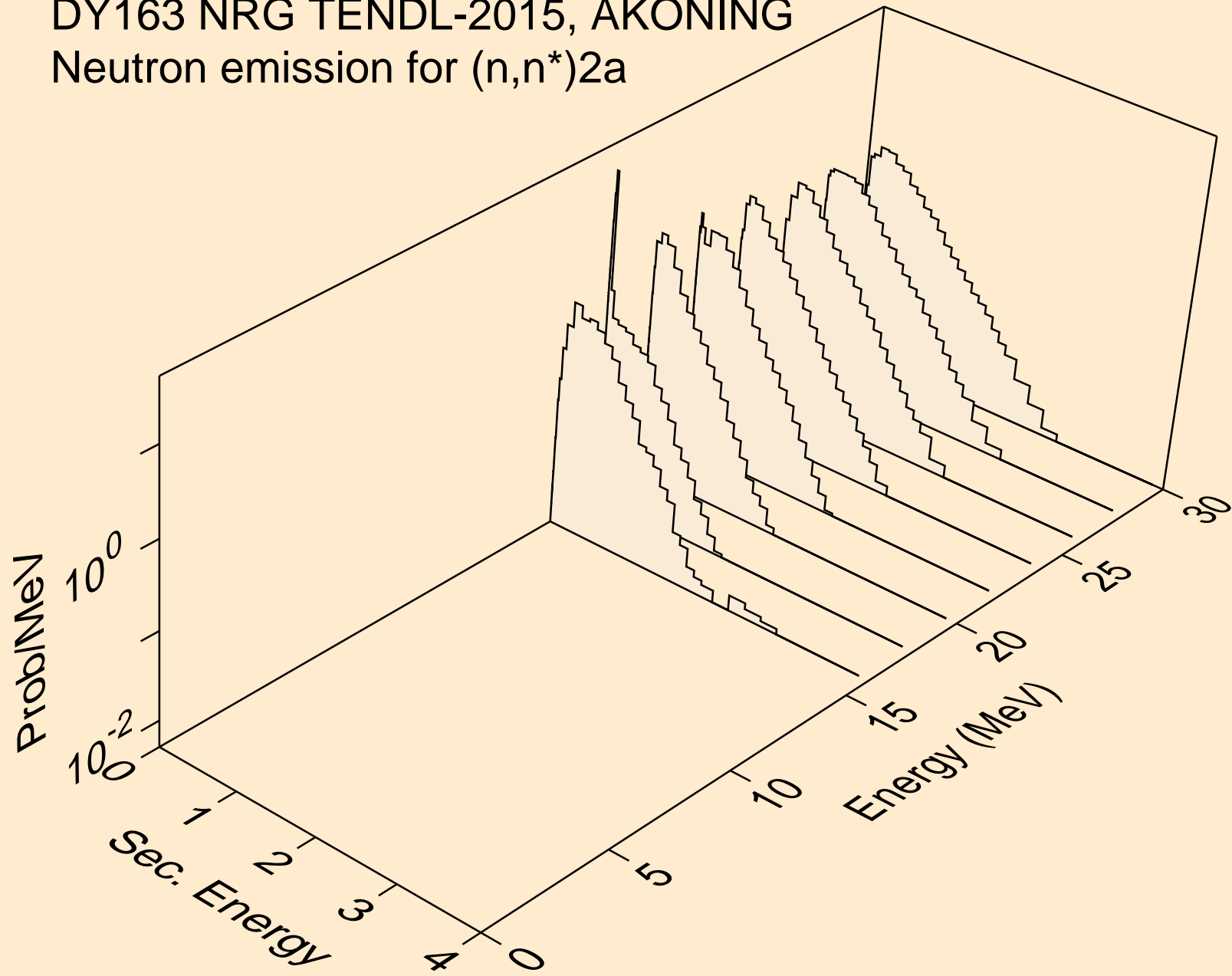
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

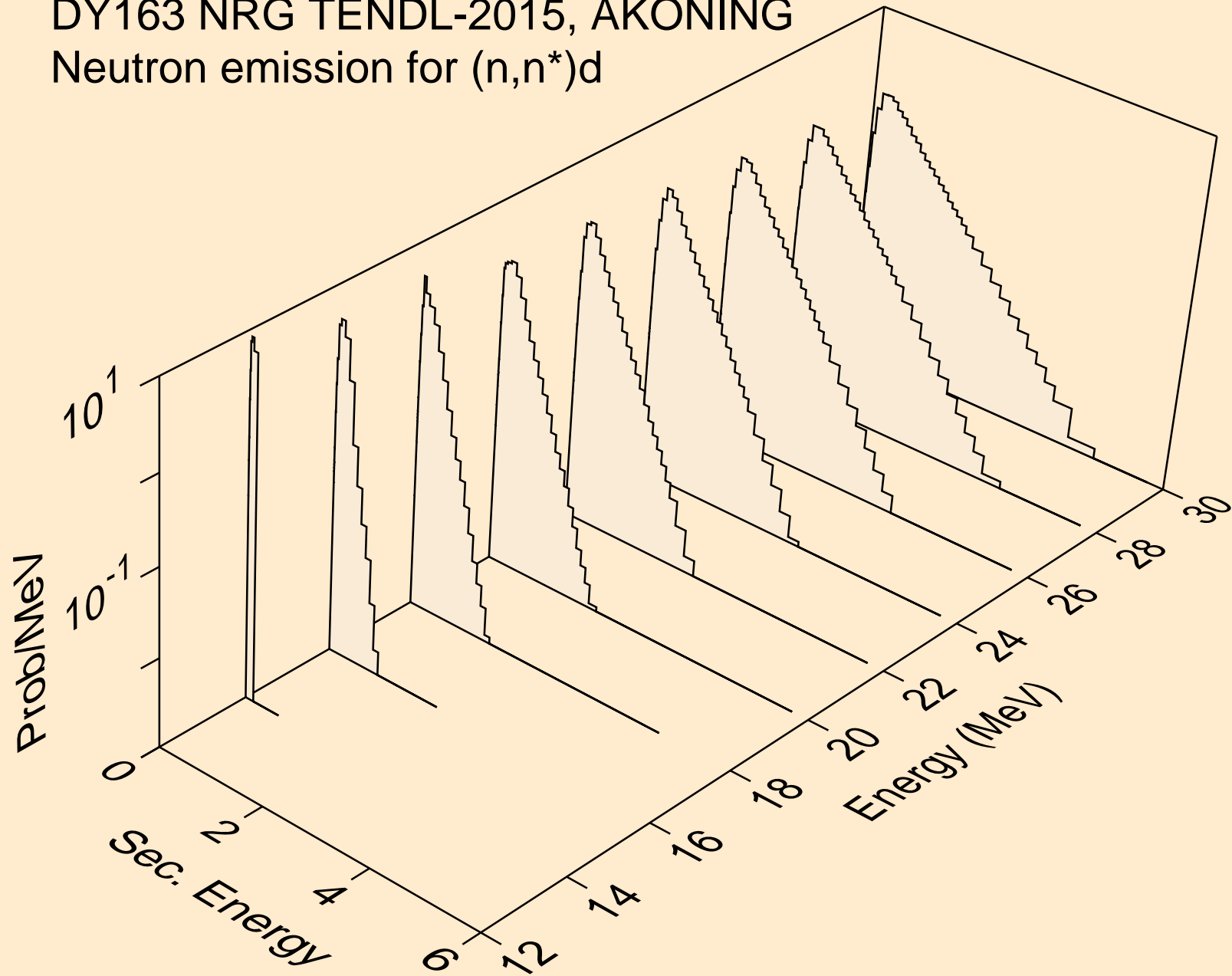


DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

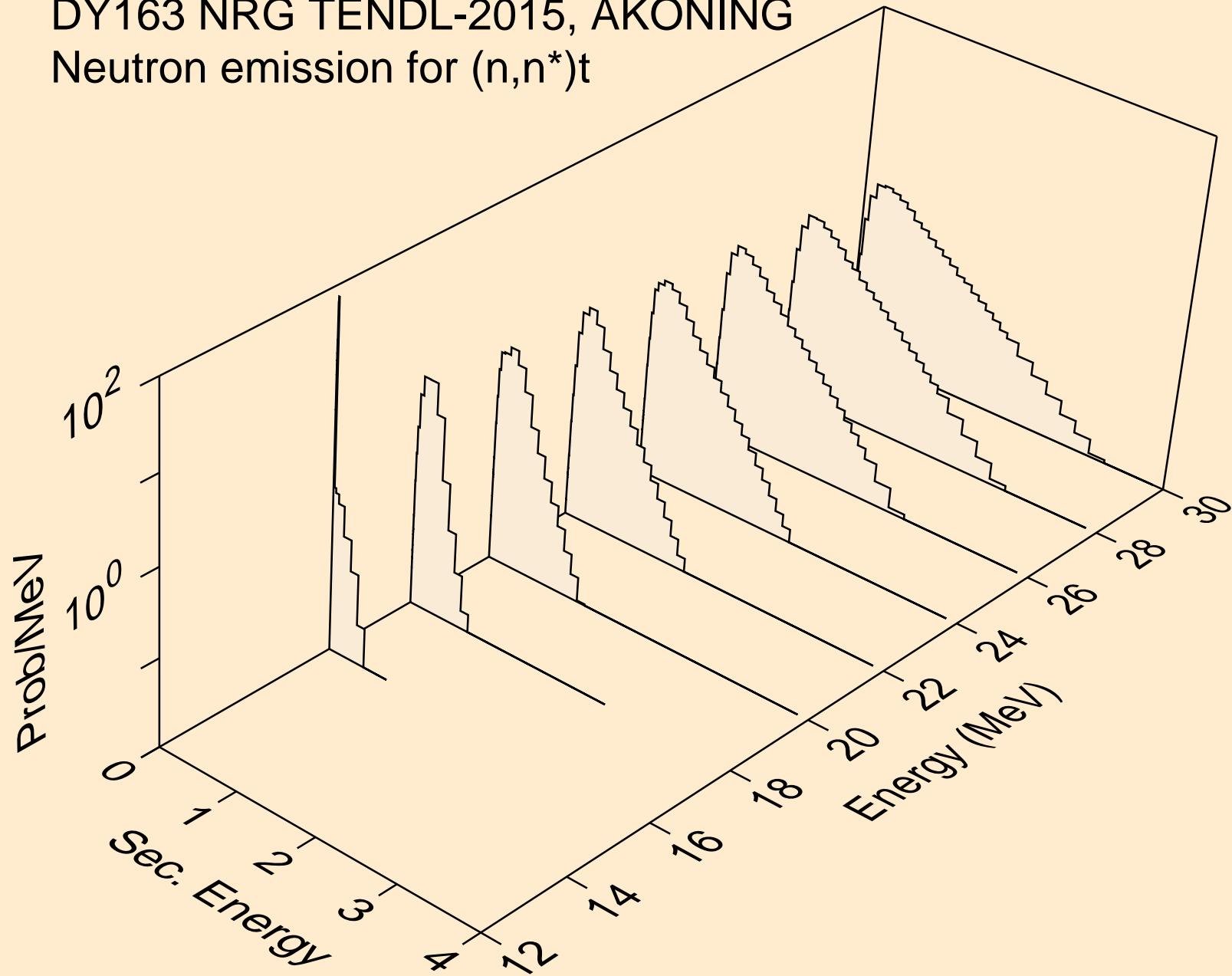




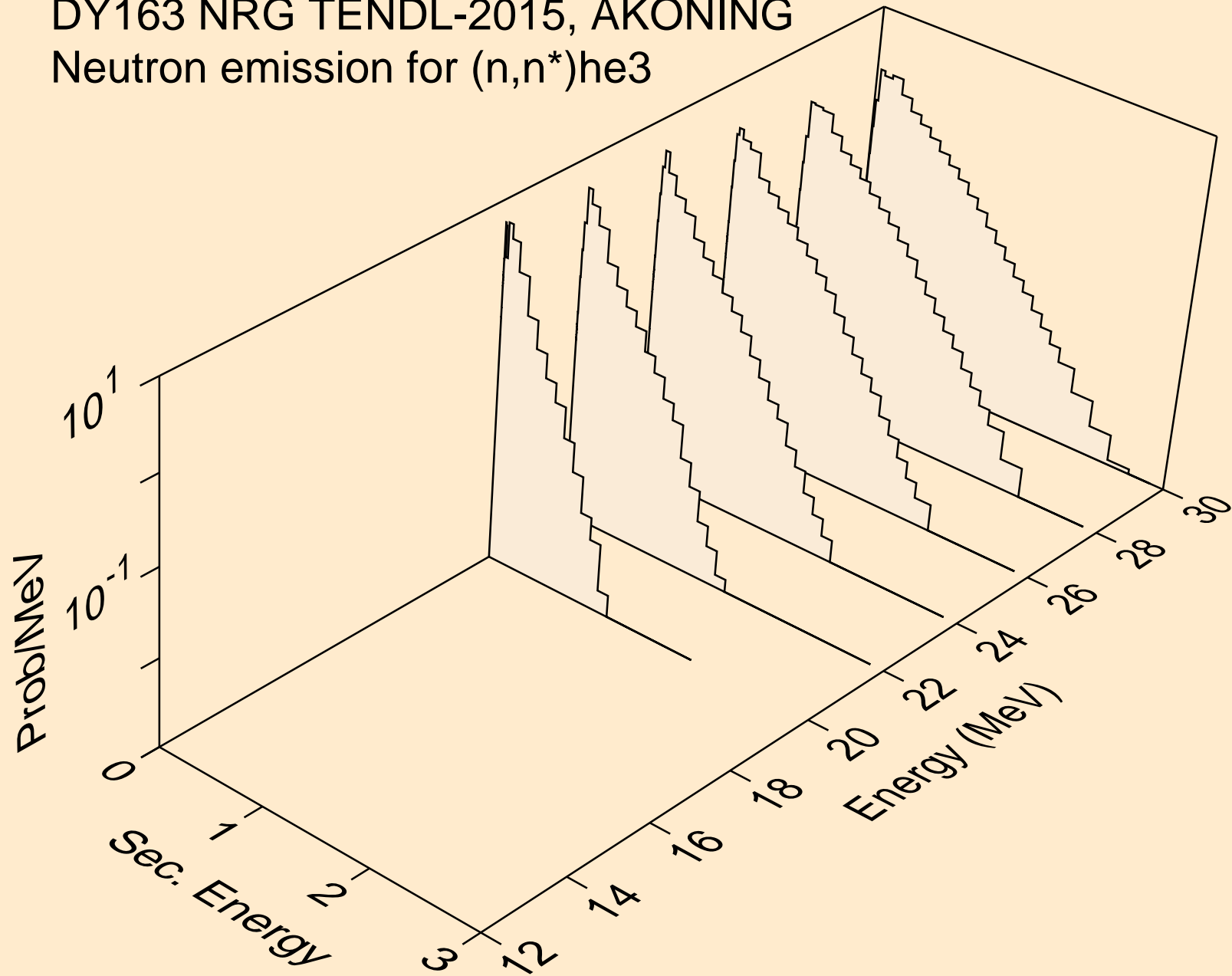
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



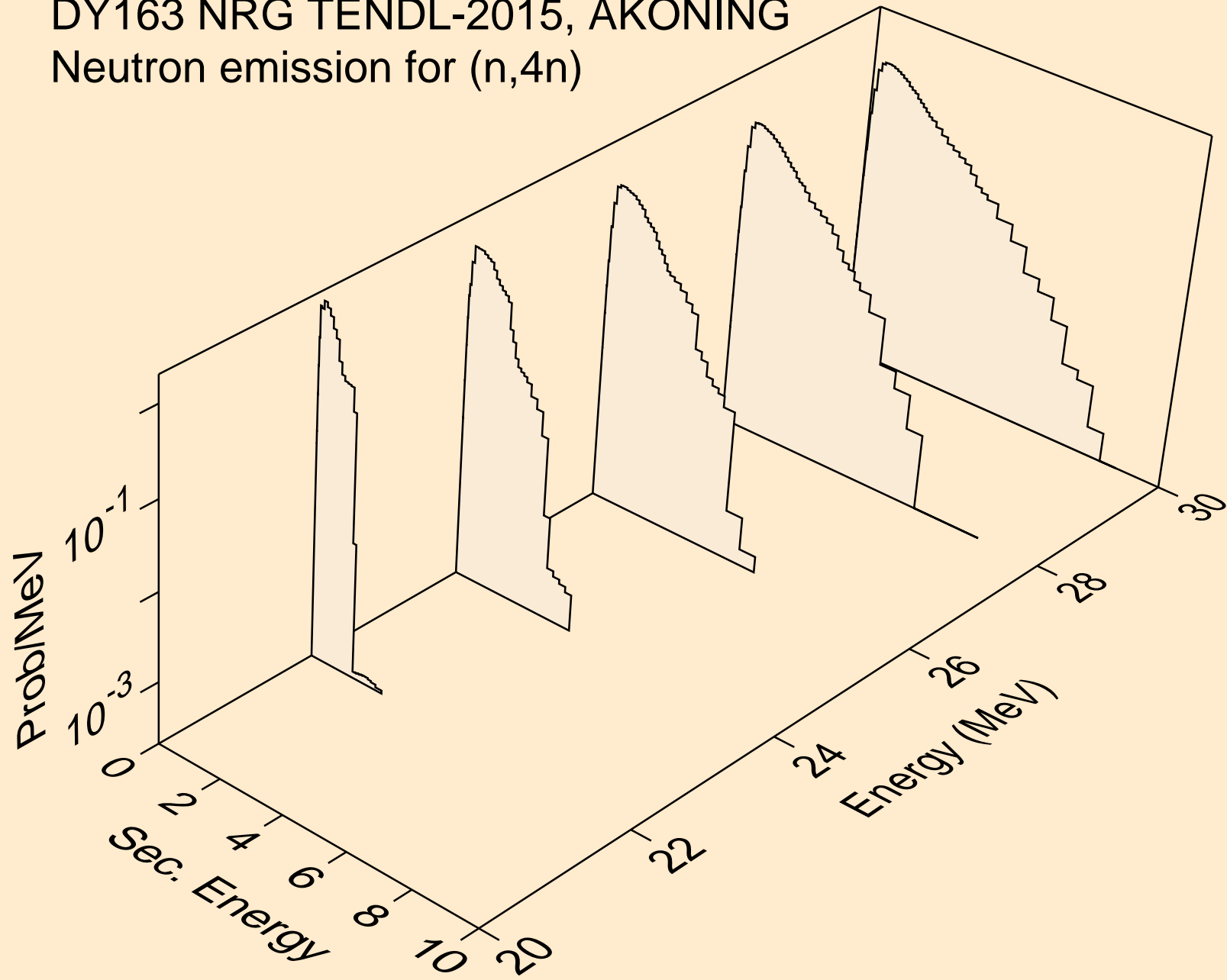
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



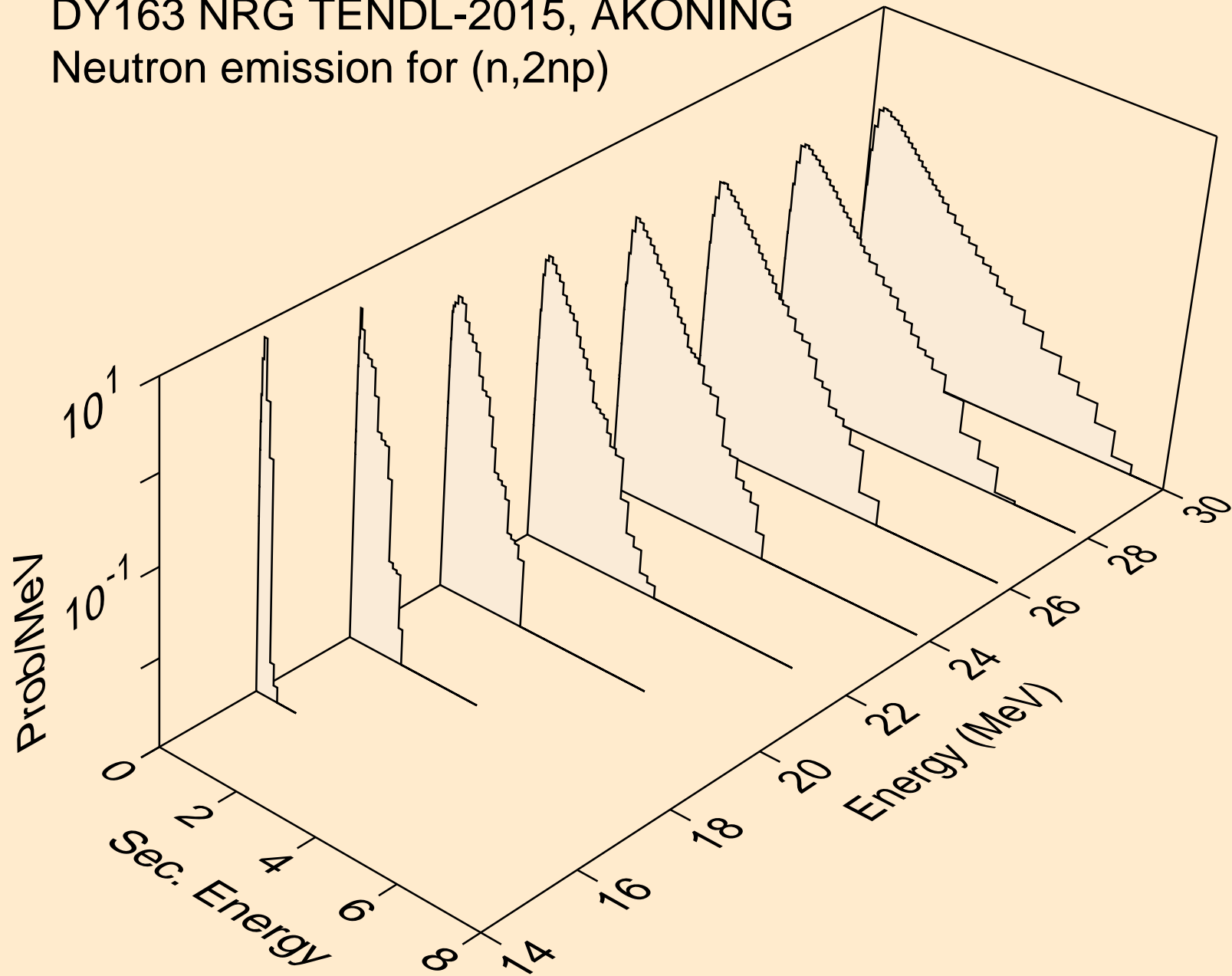
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



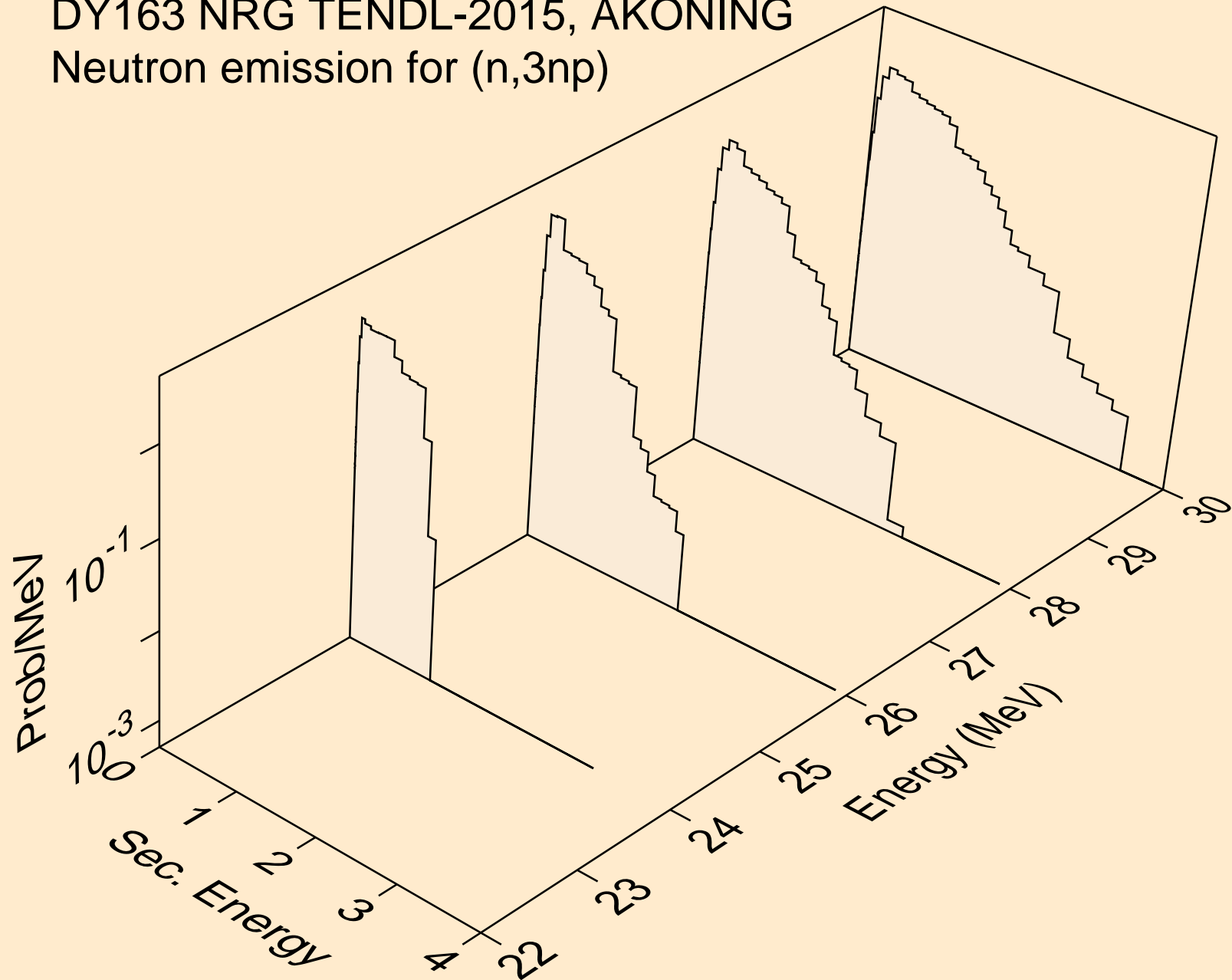
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



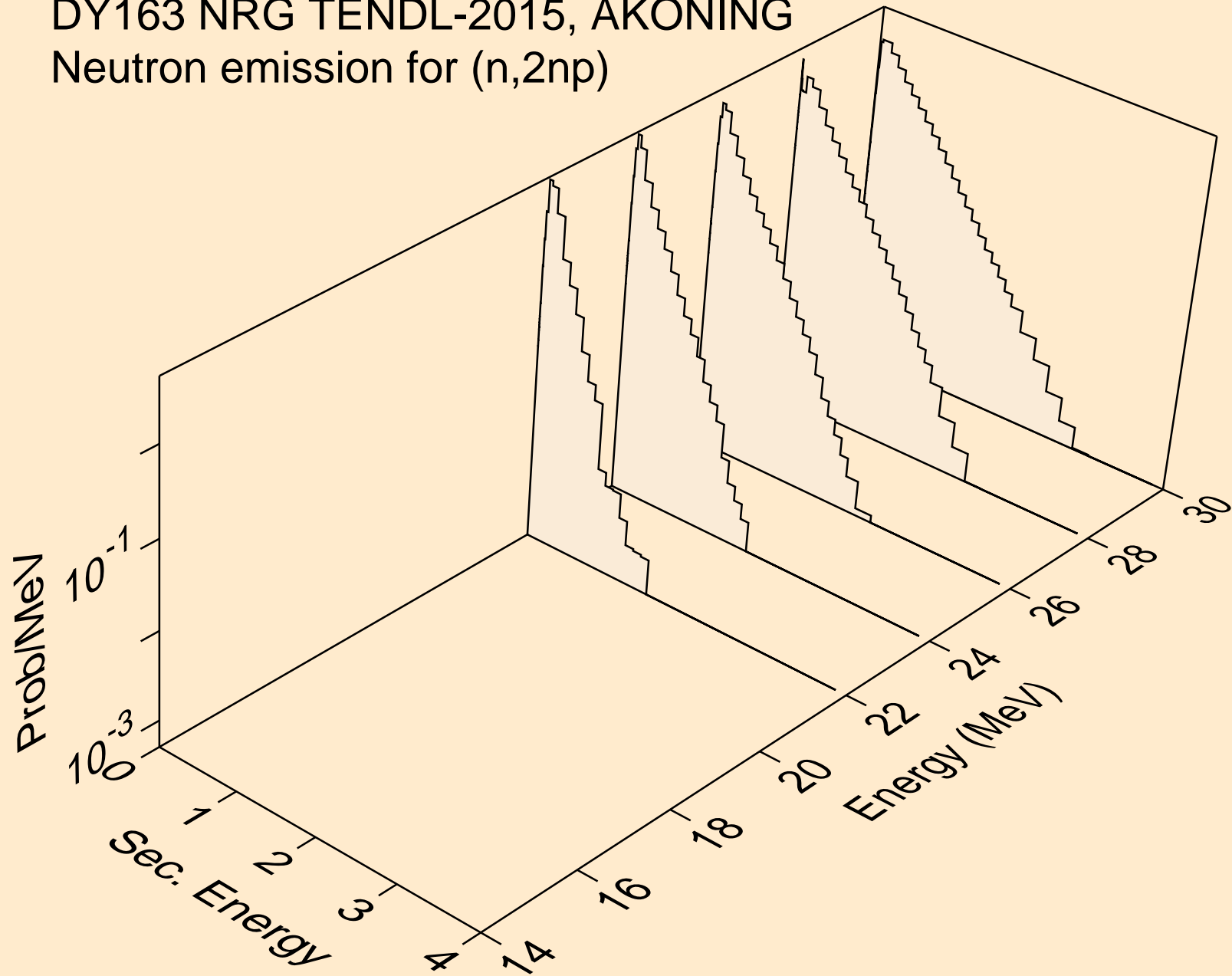
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



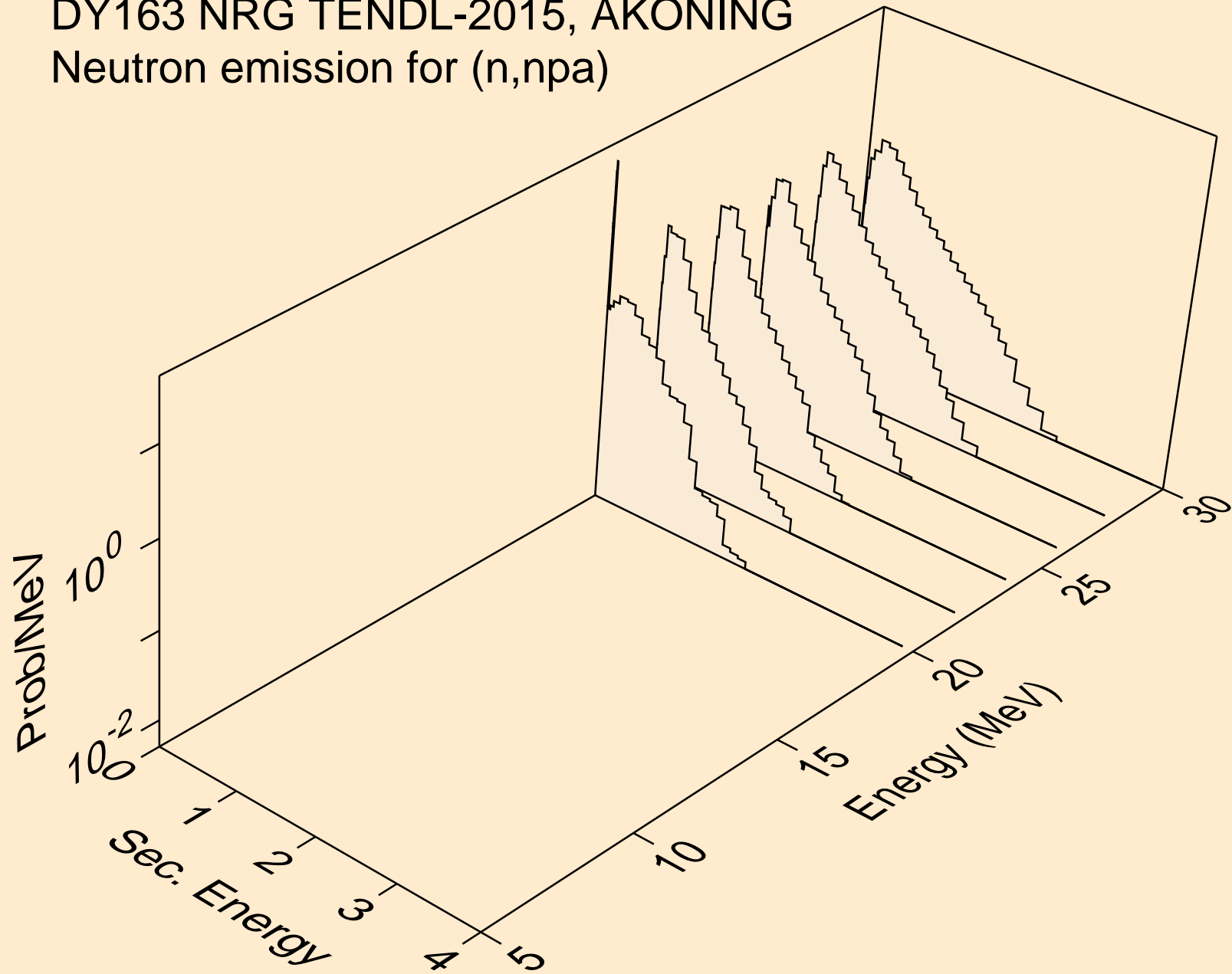
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

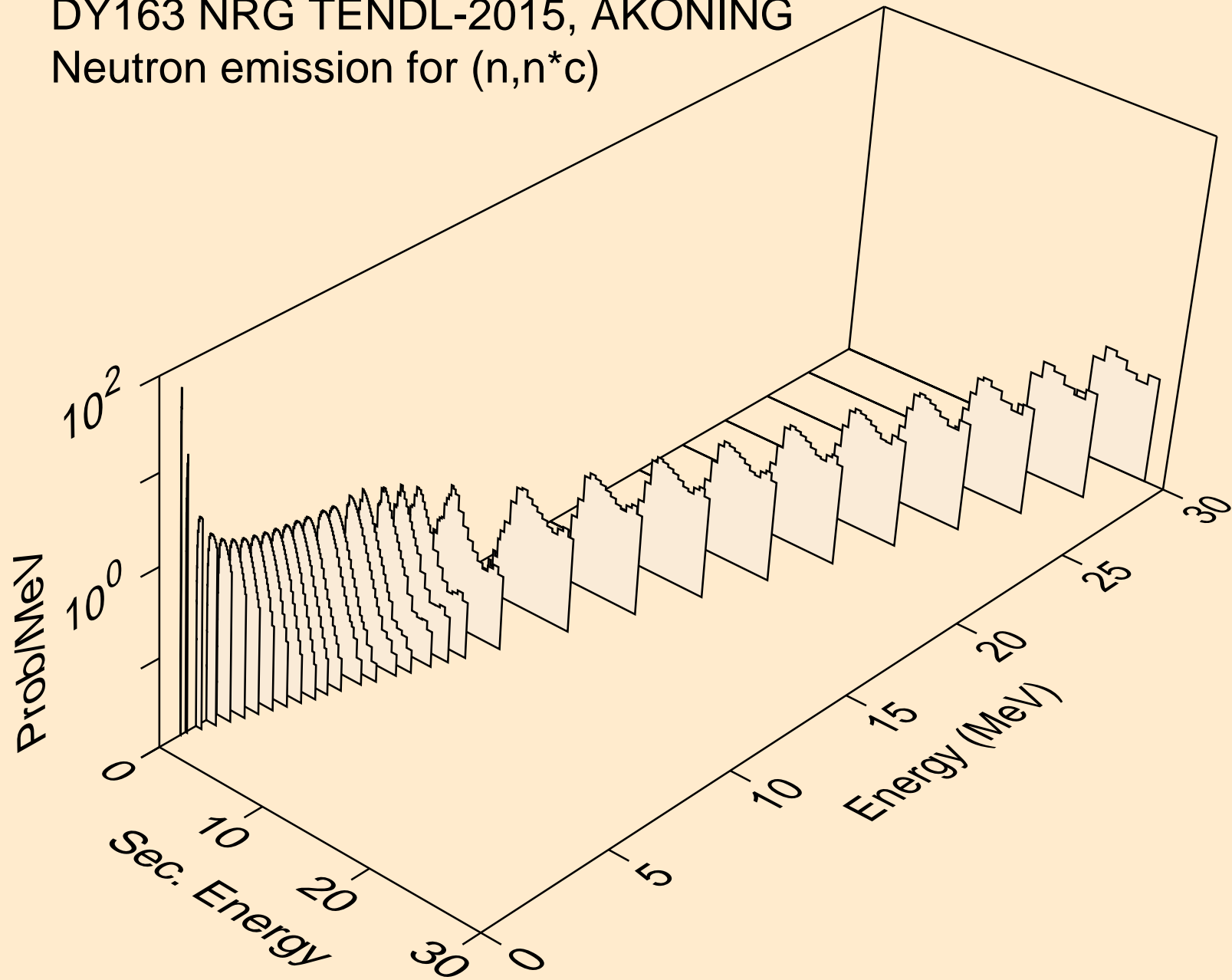


DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

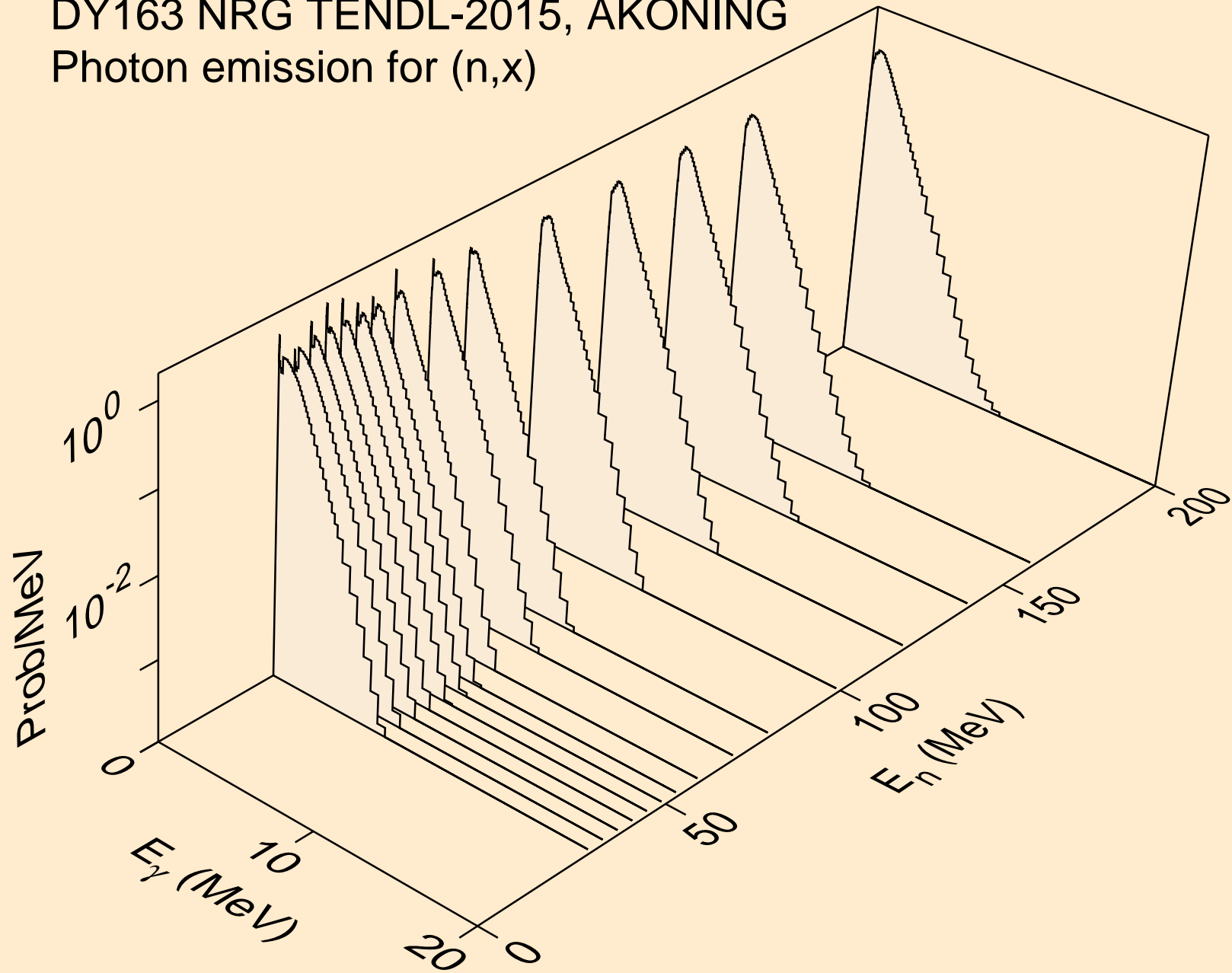




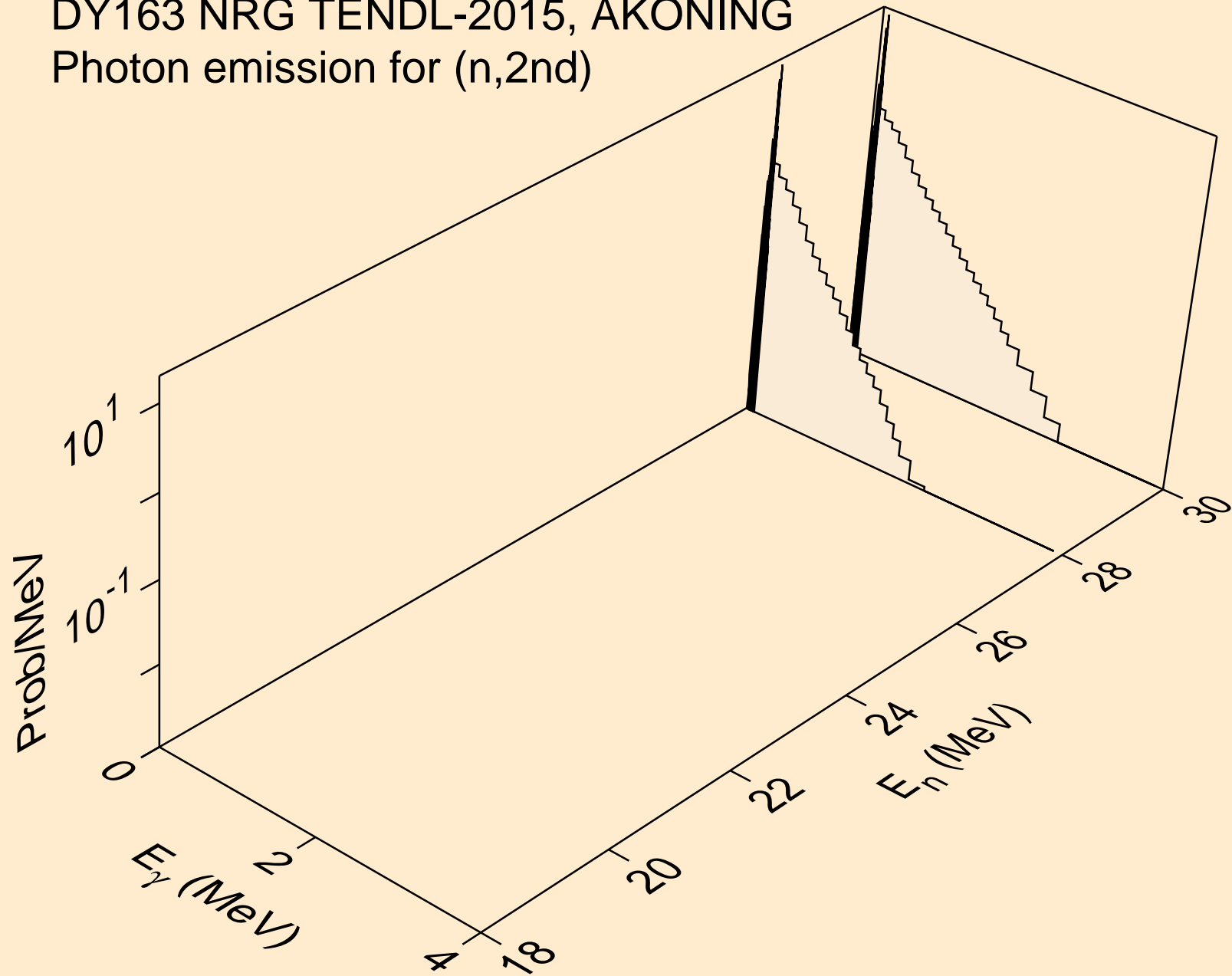
DY163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



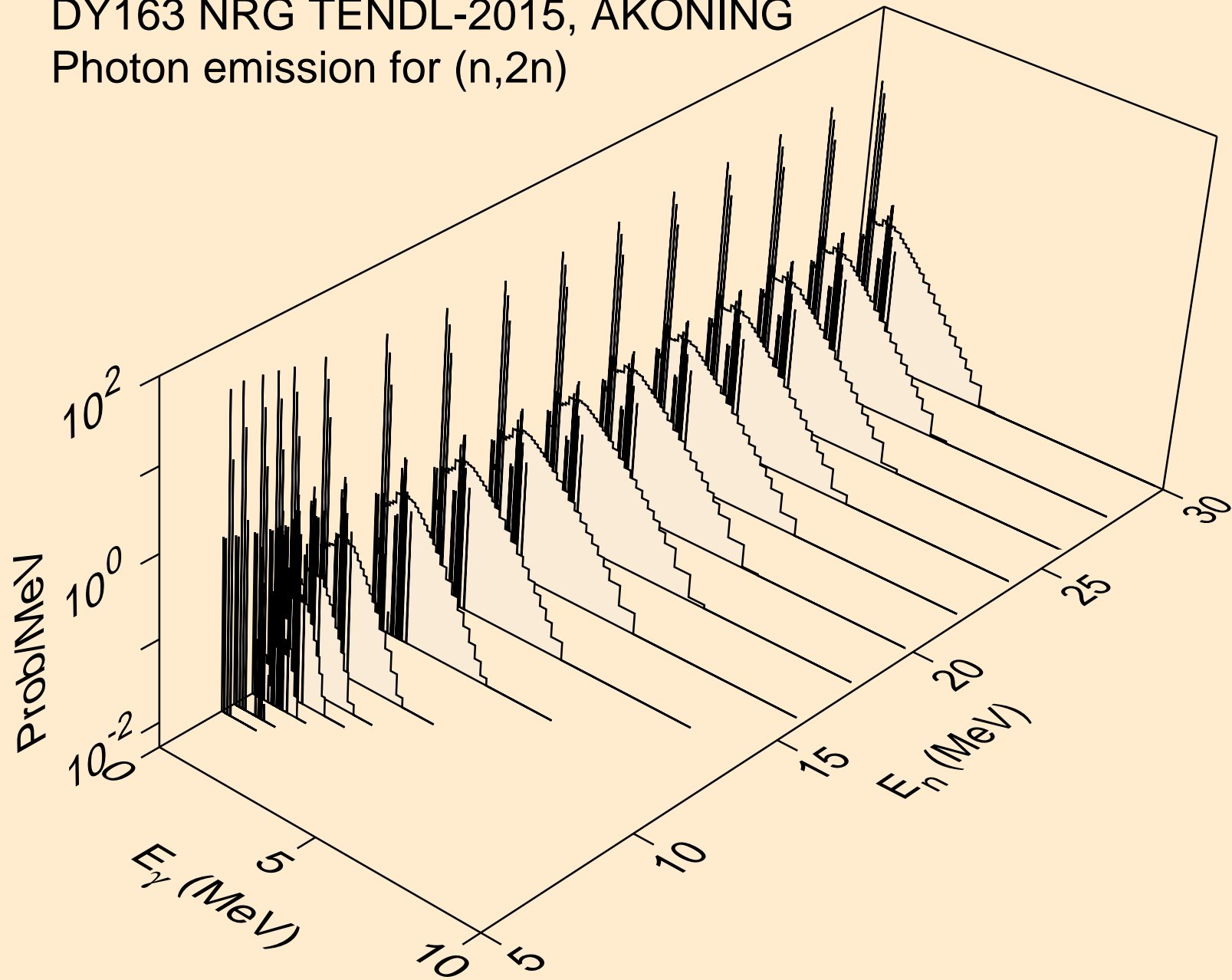
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



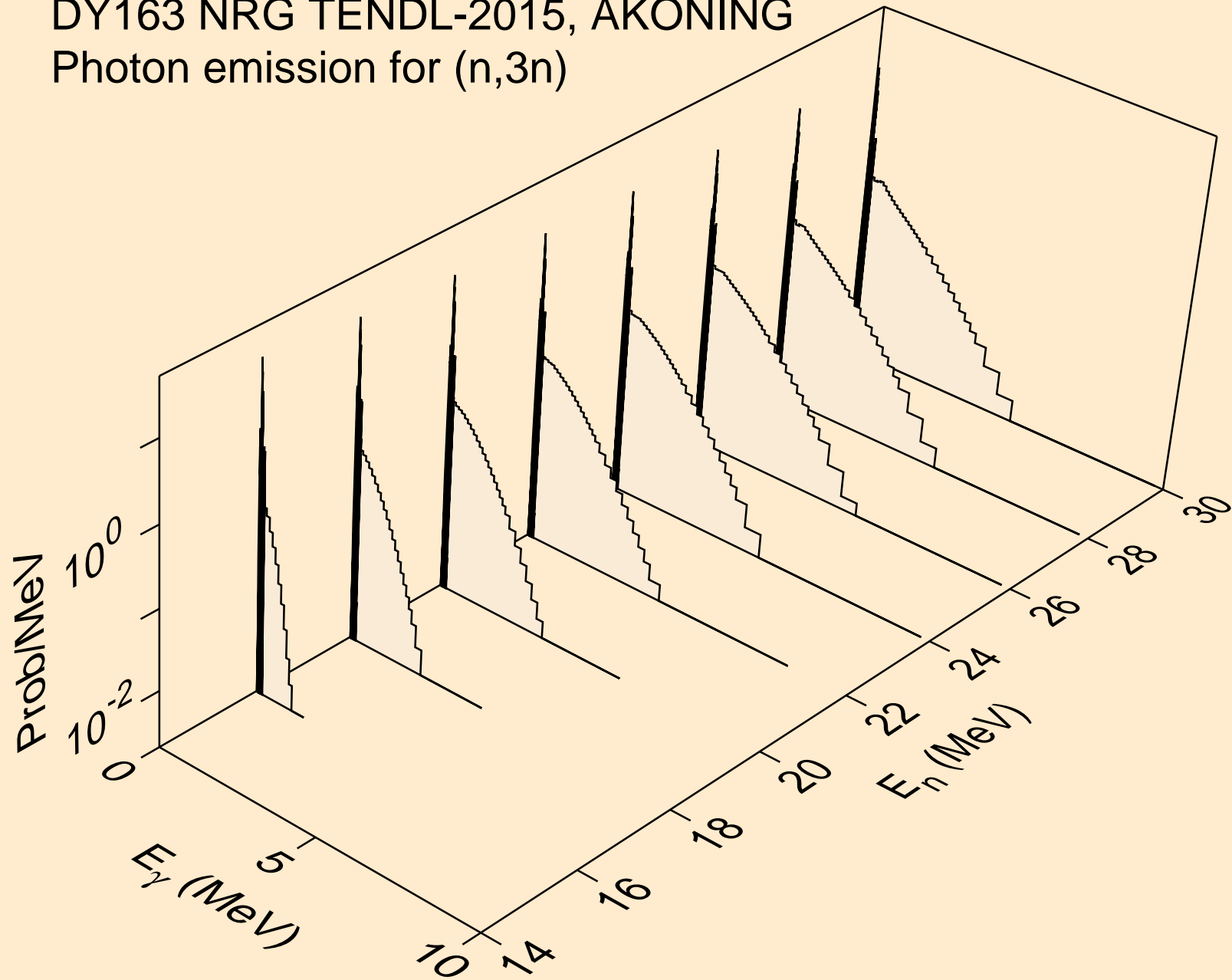
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



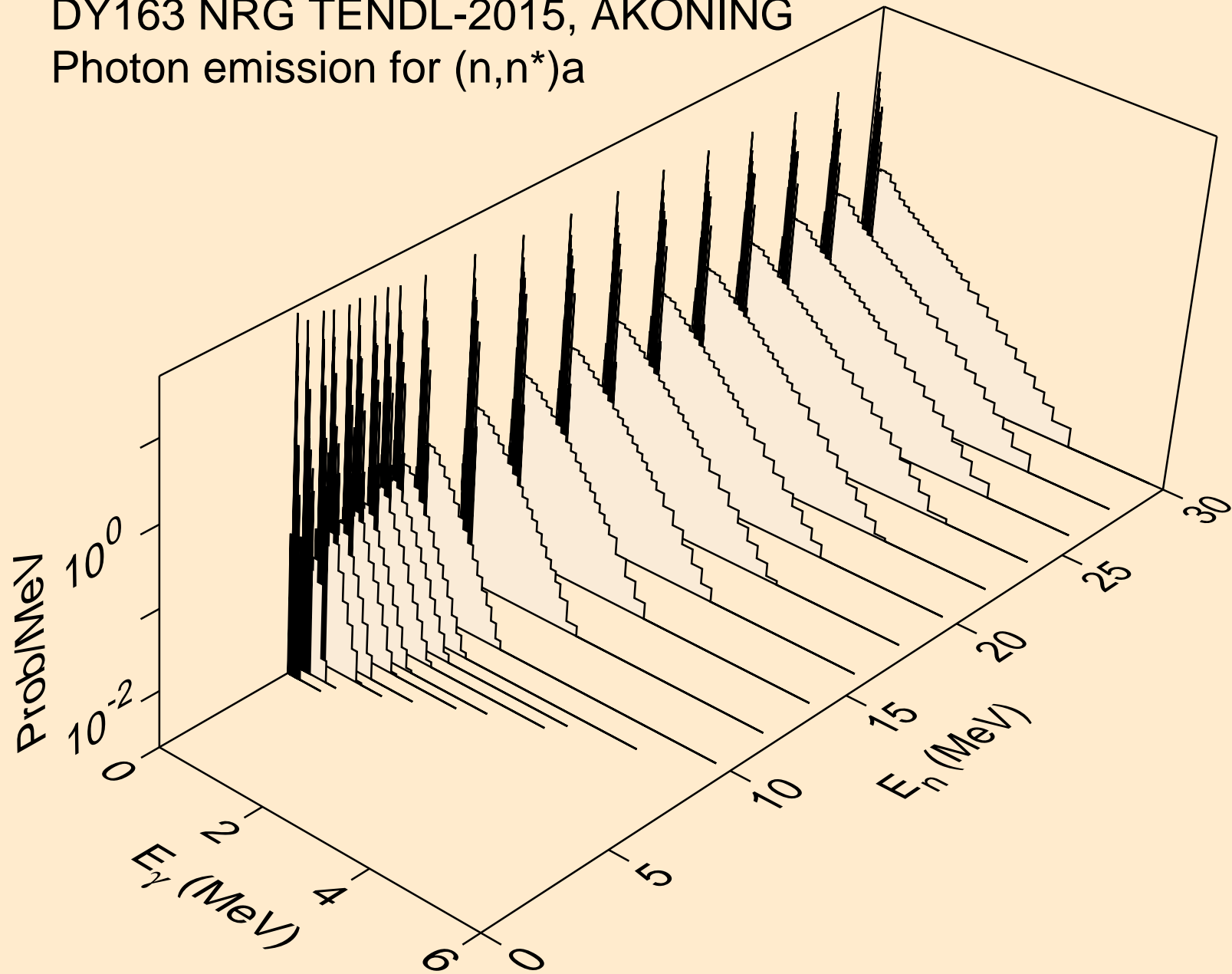
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



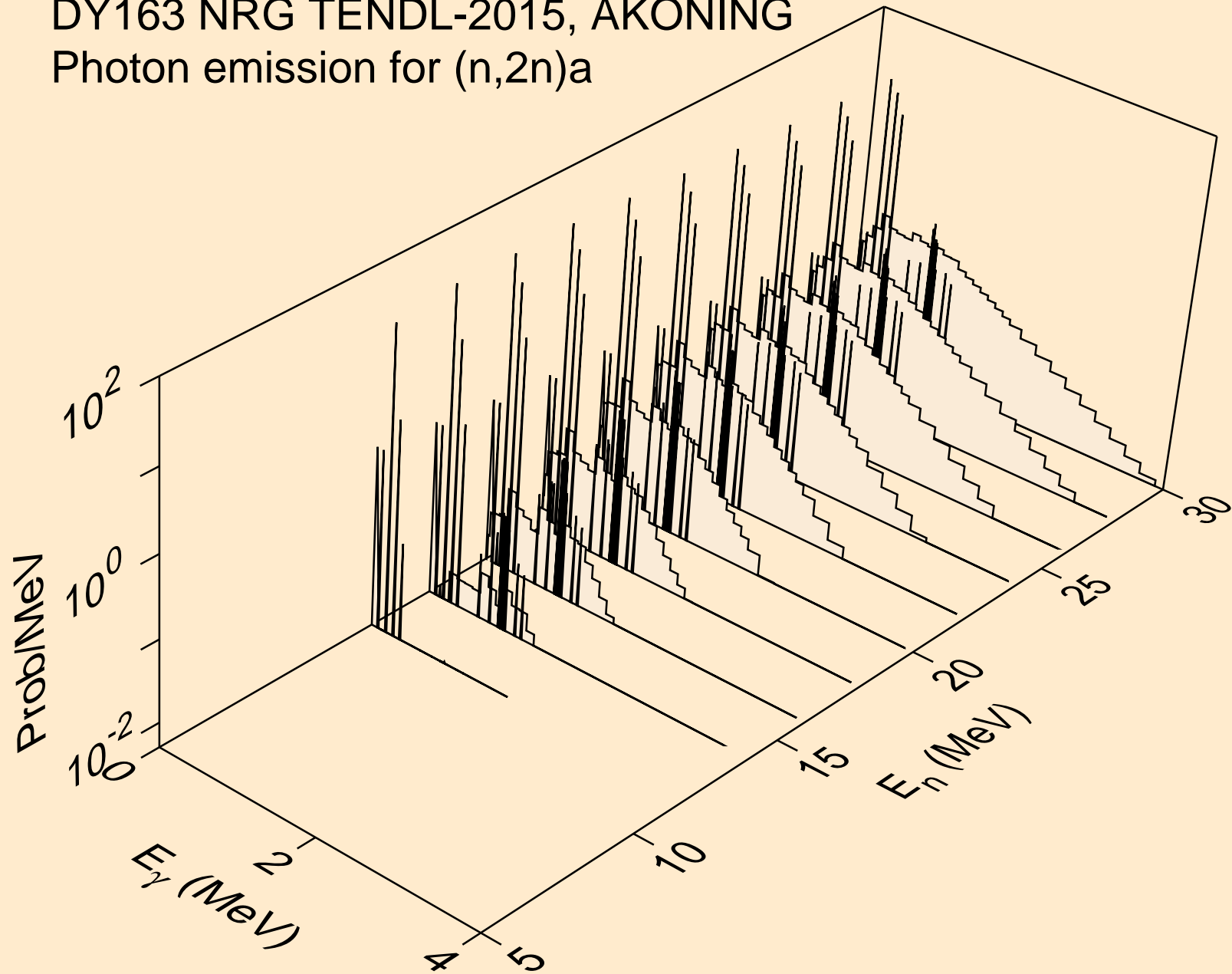
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



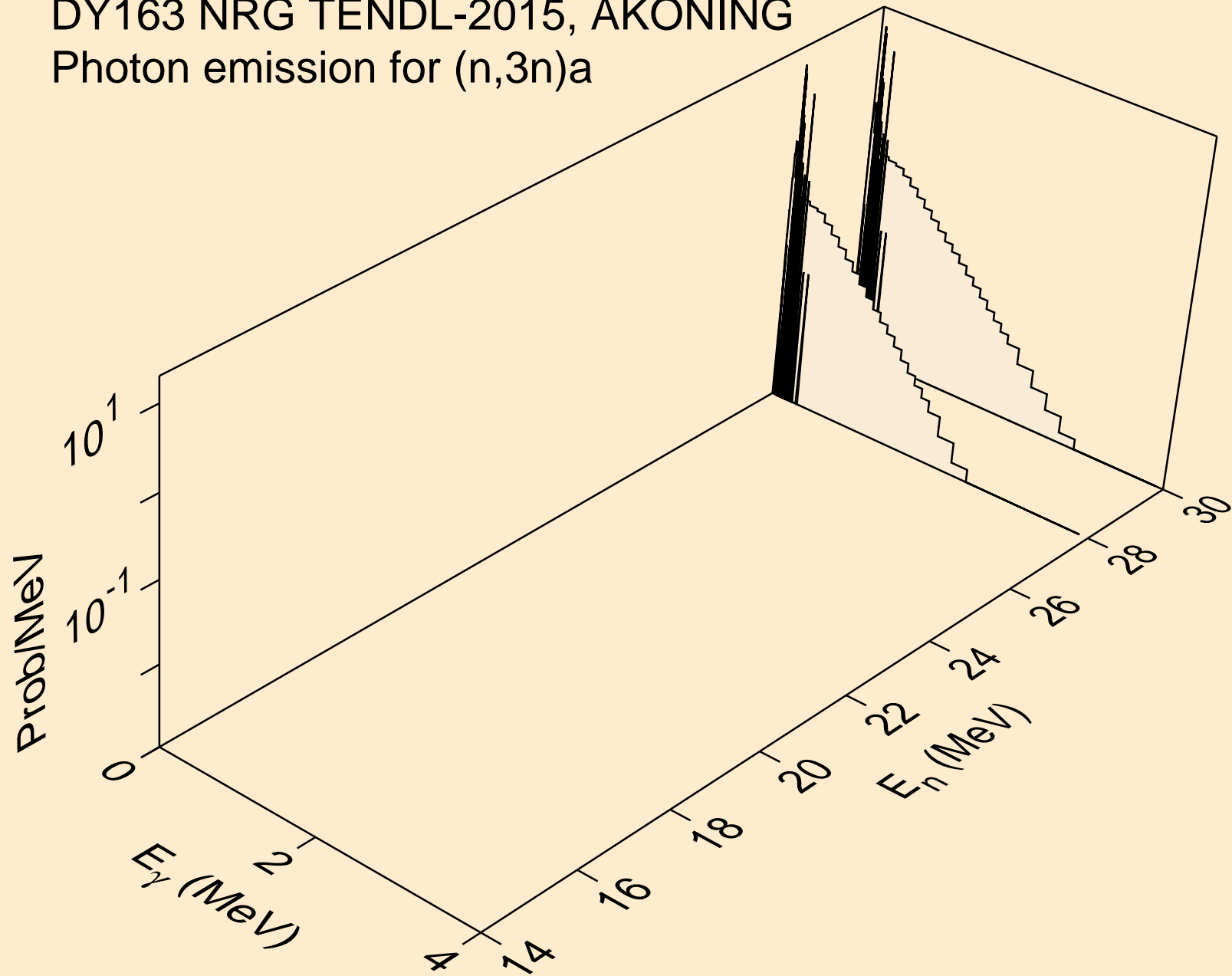
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

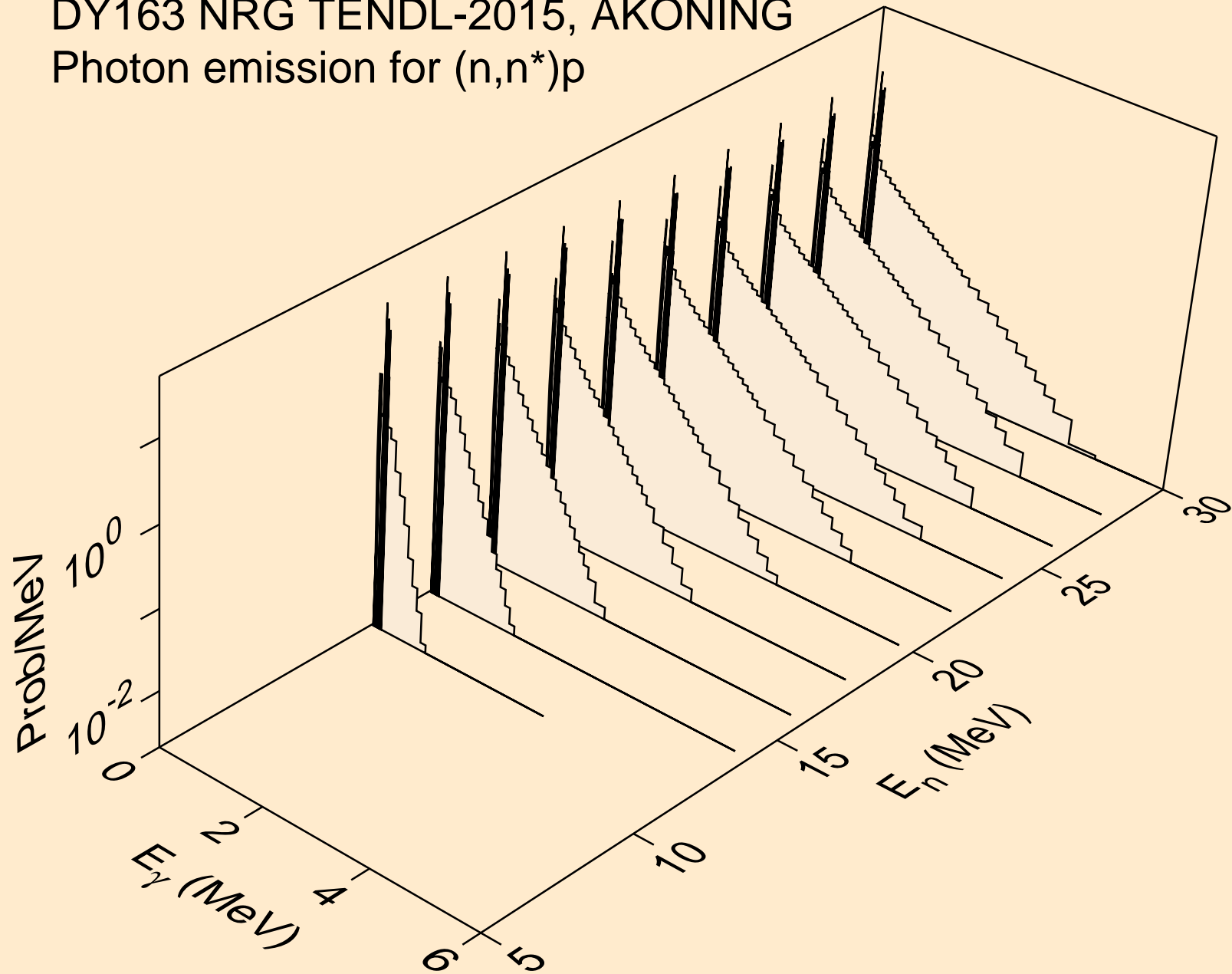


DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

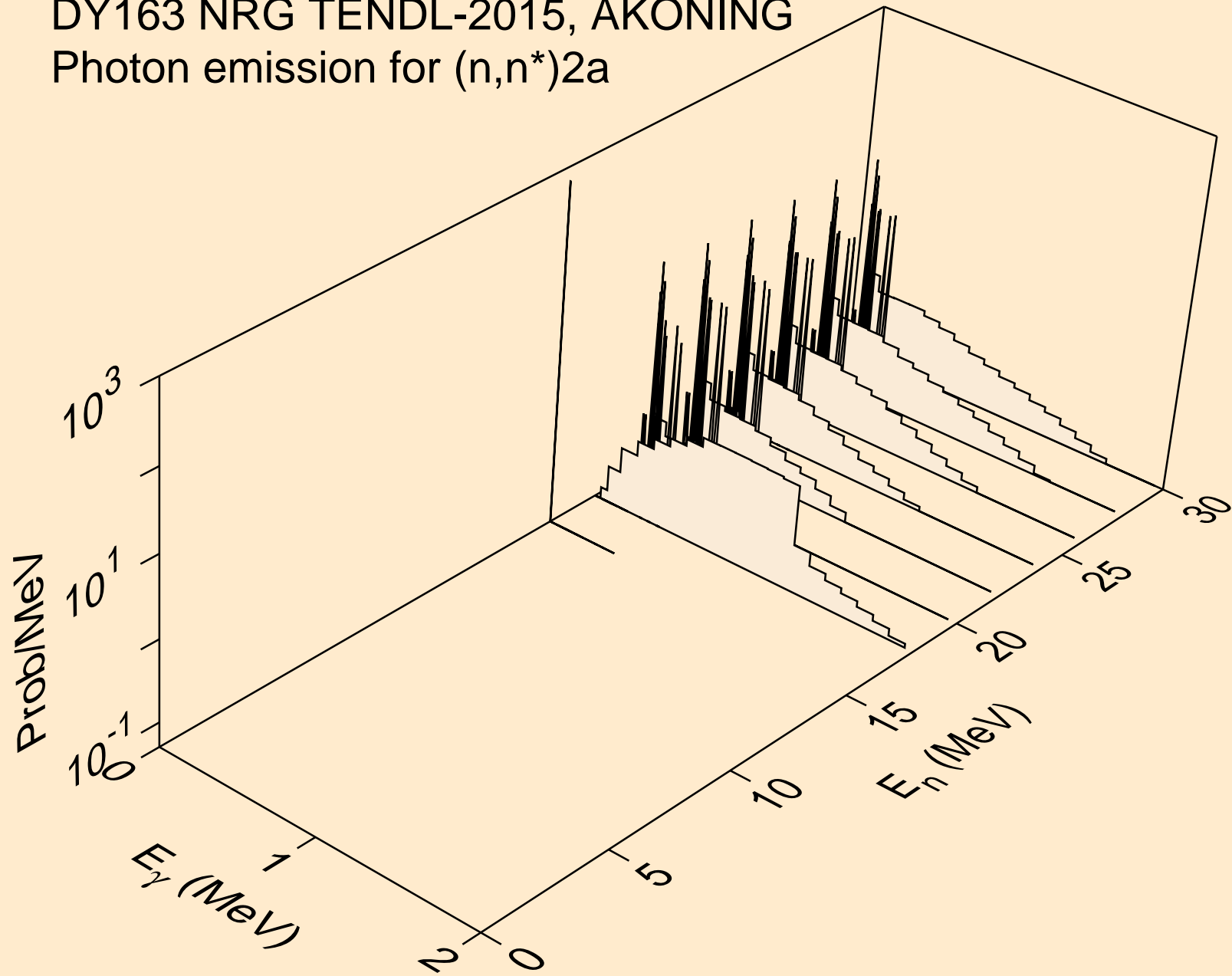




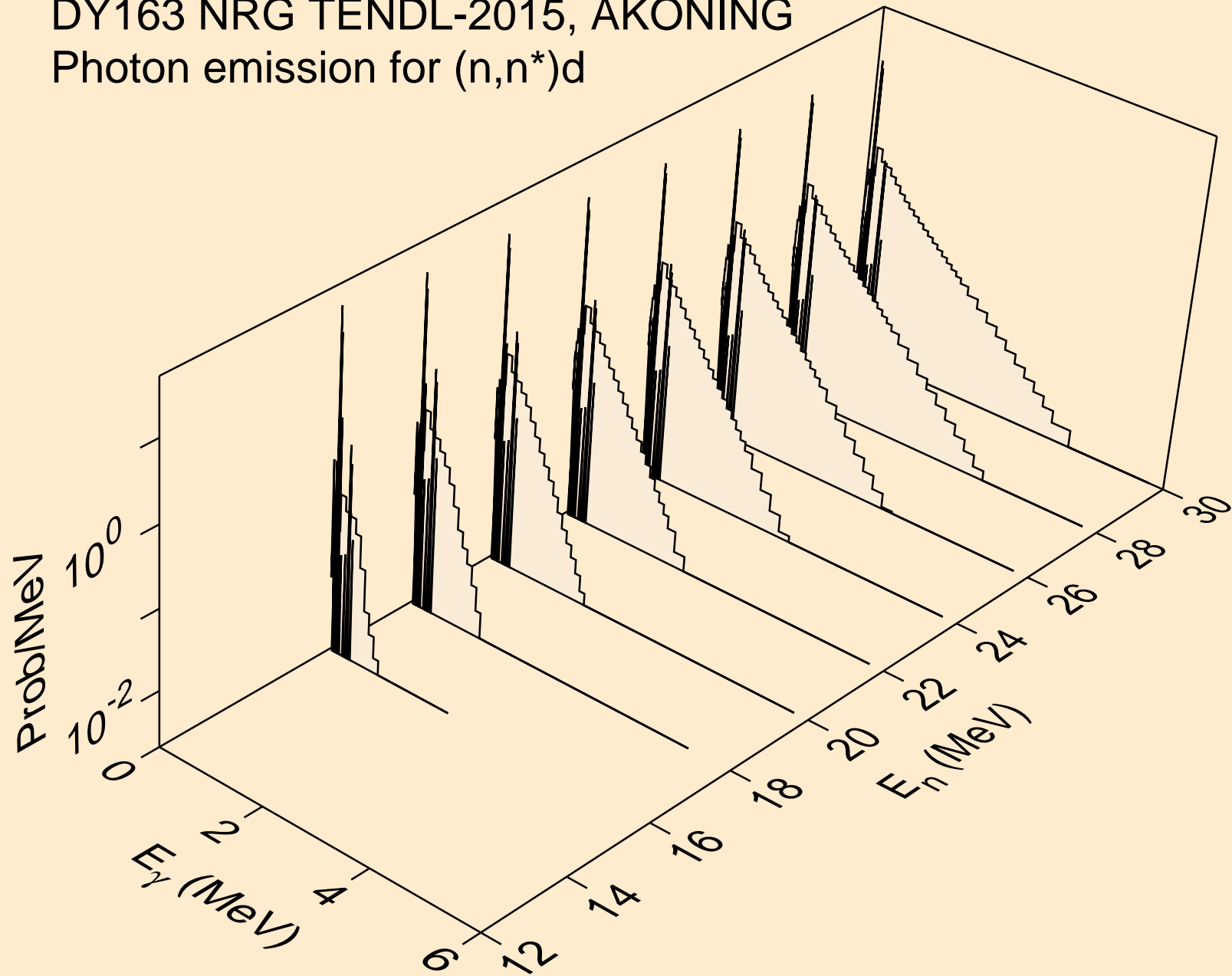
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



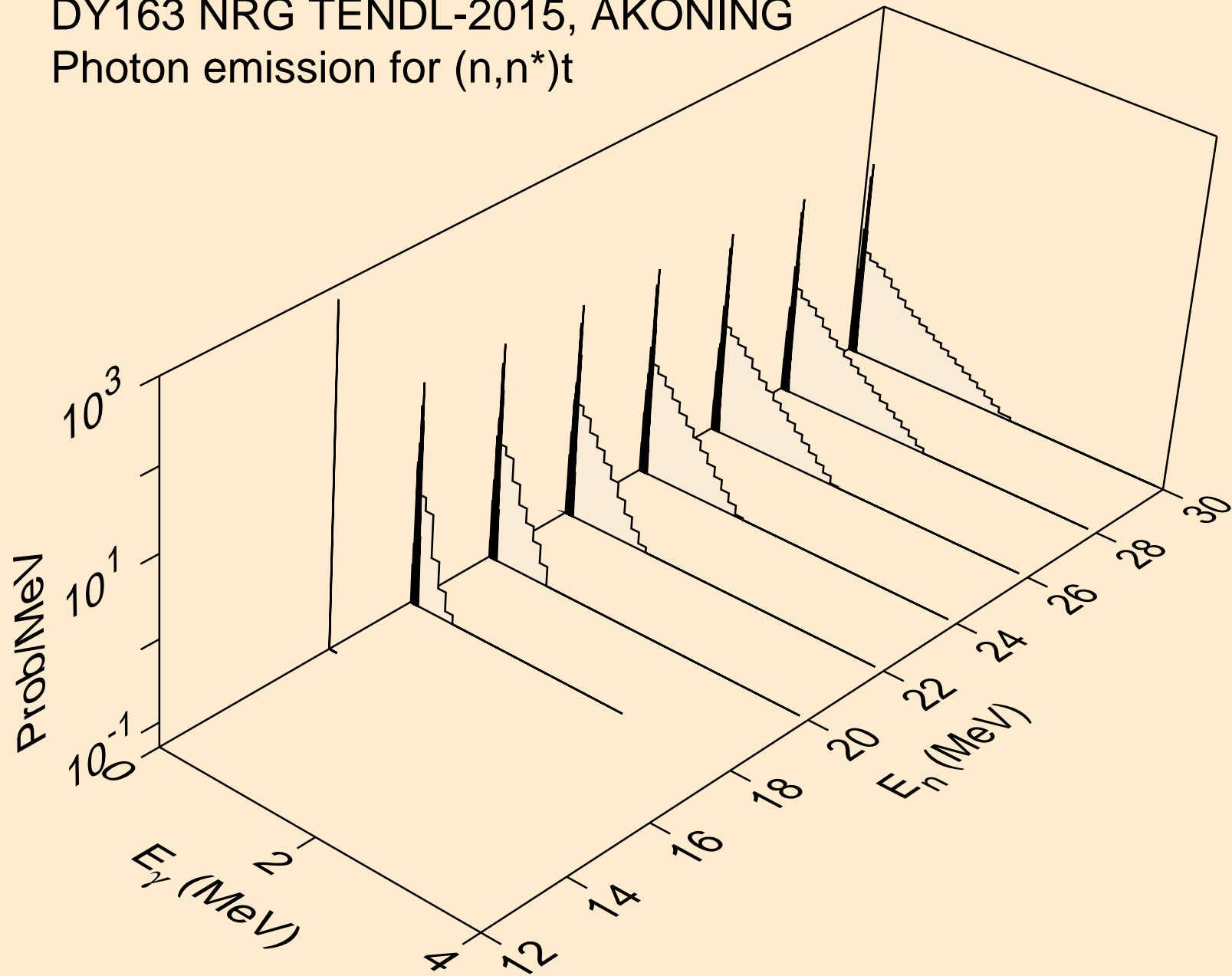
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



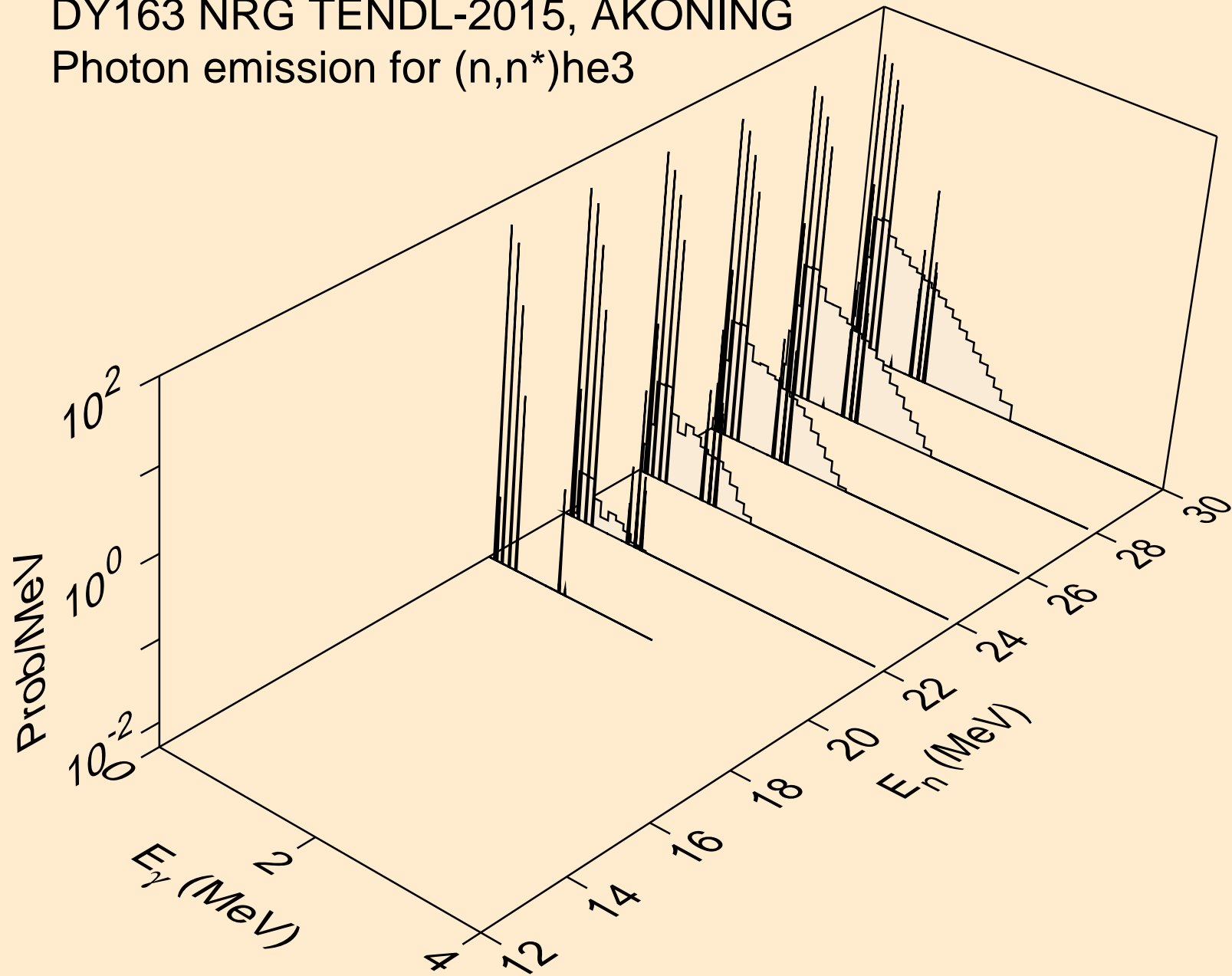
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



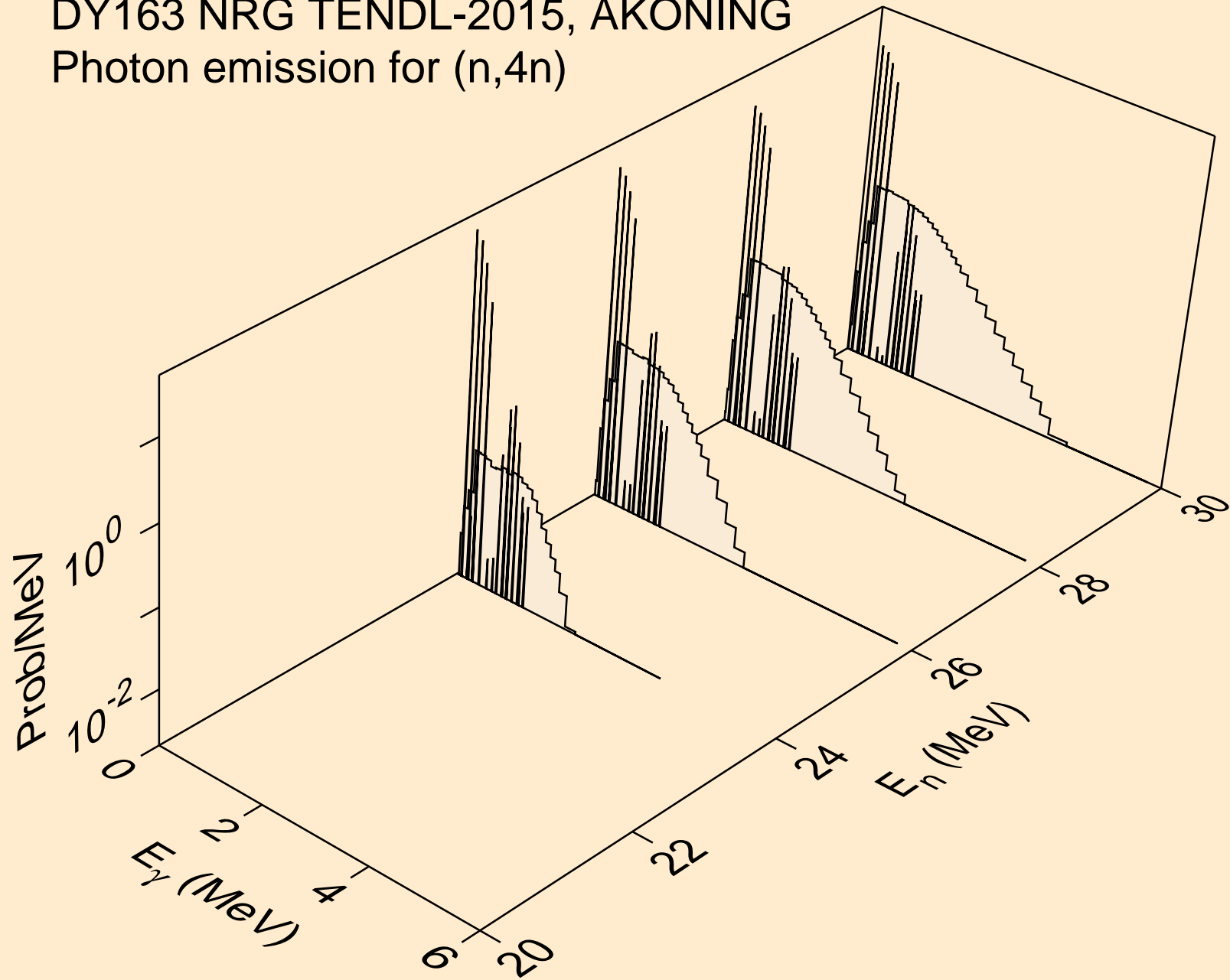
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



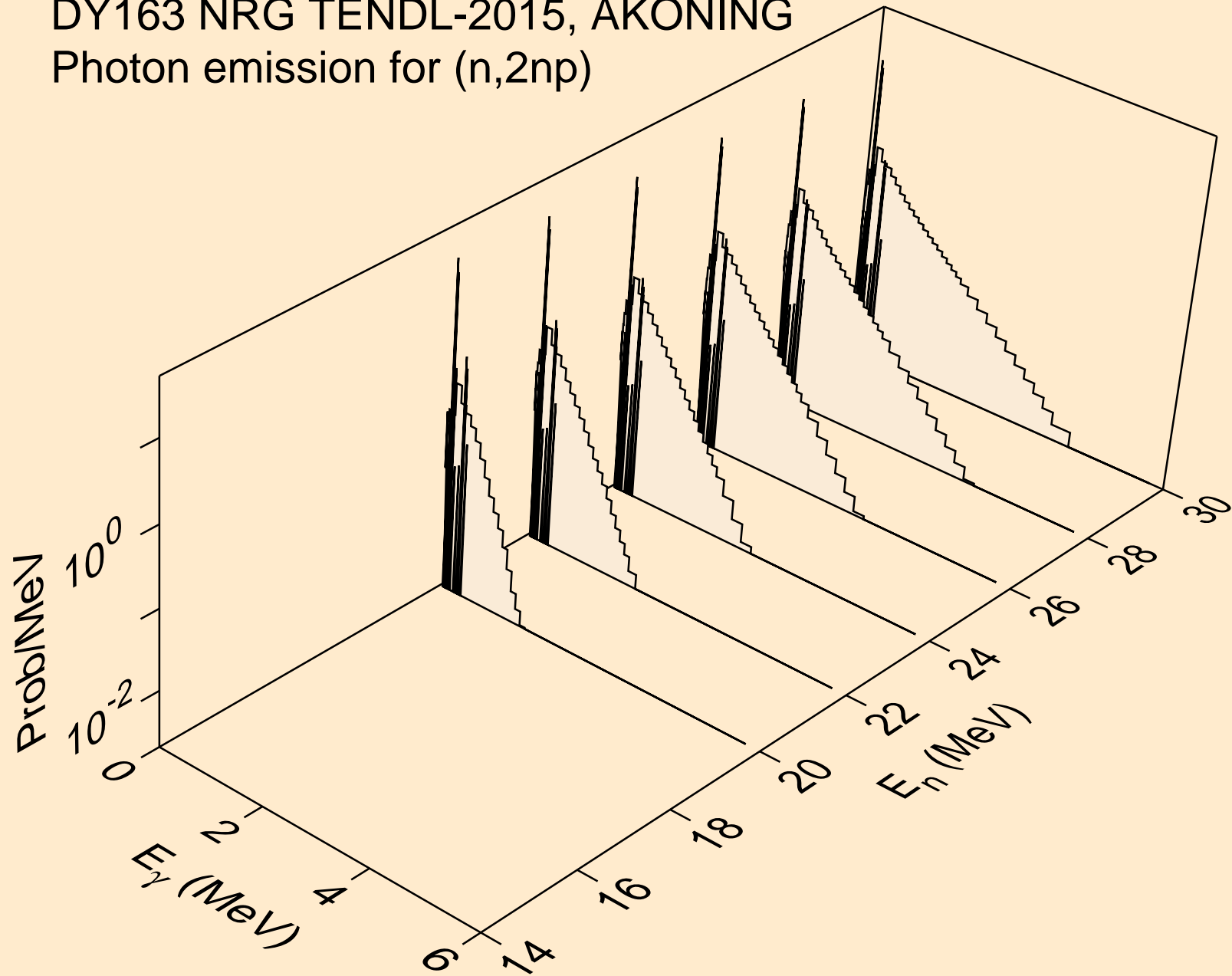
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



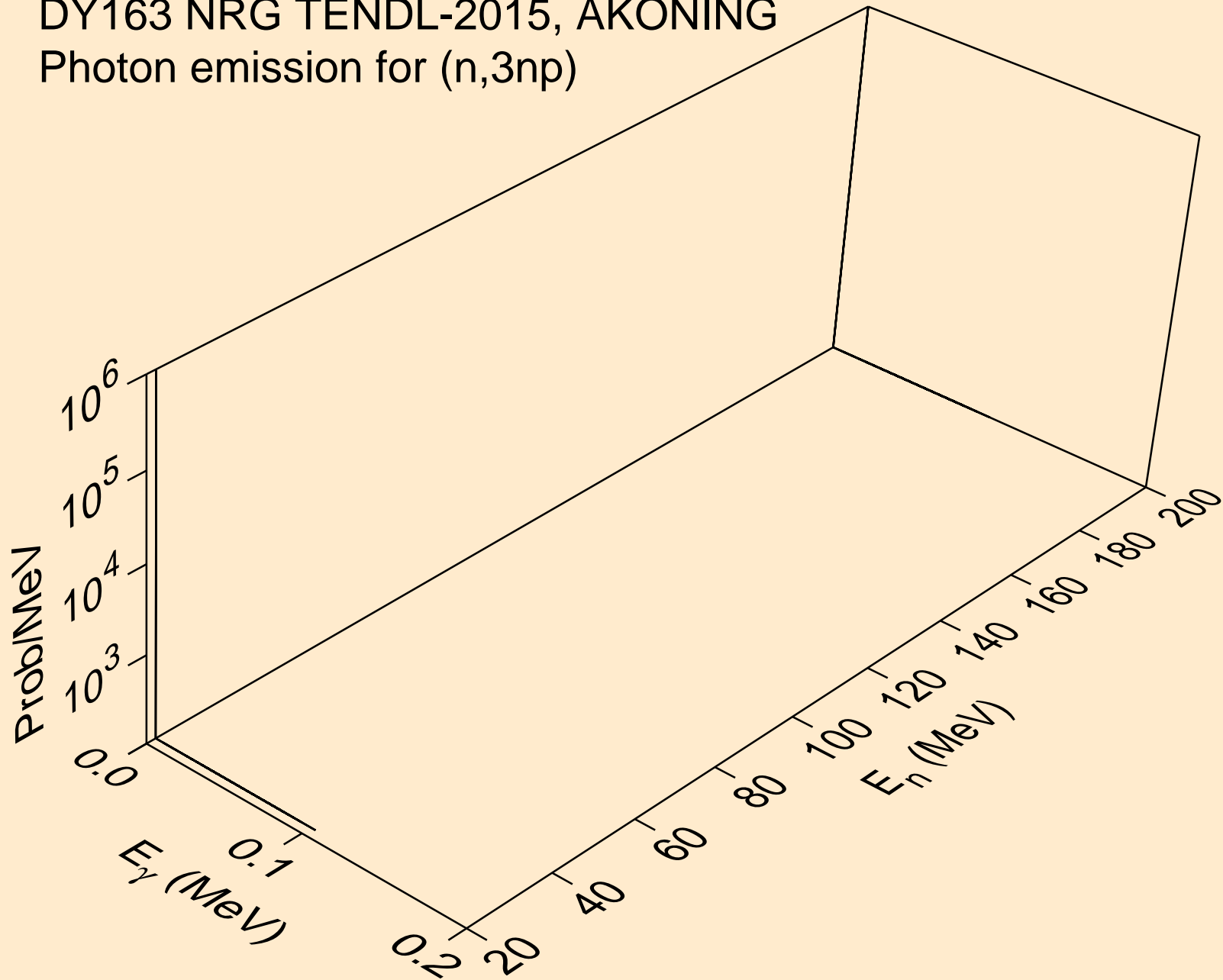
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

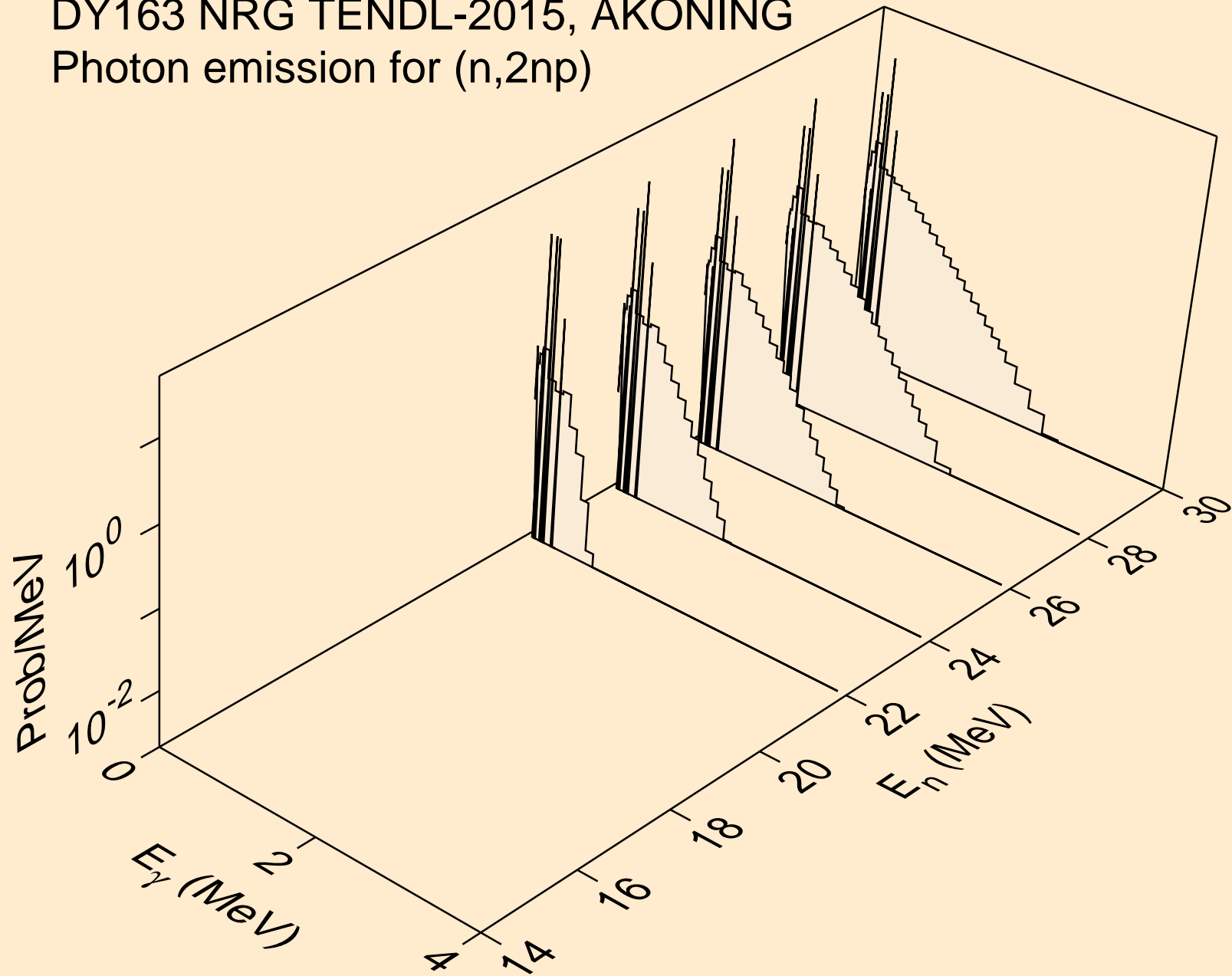


DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

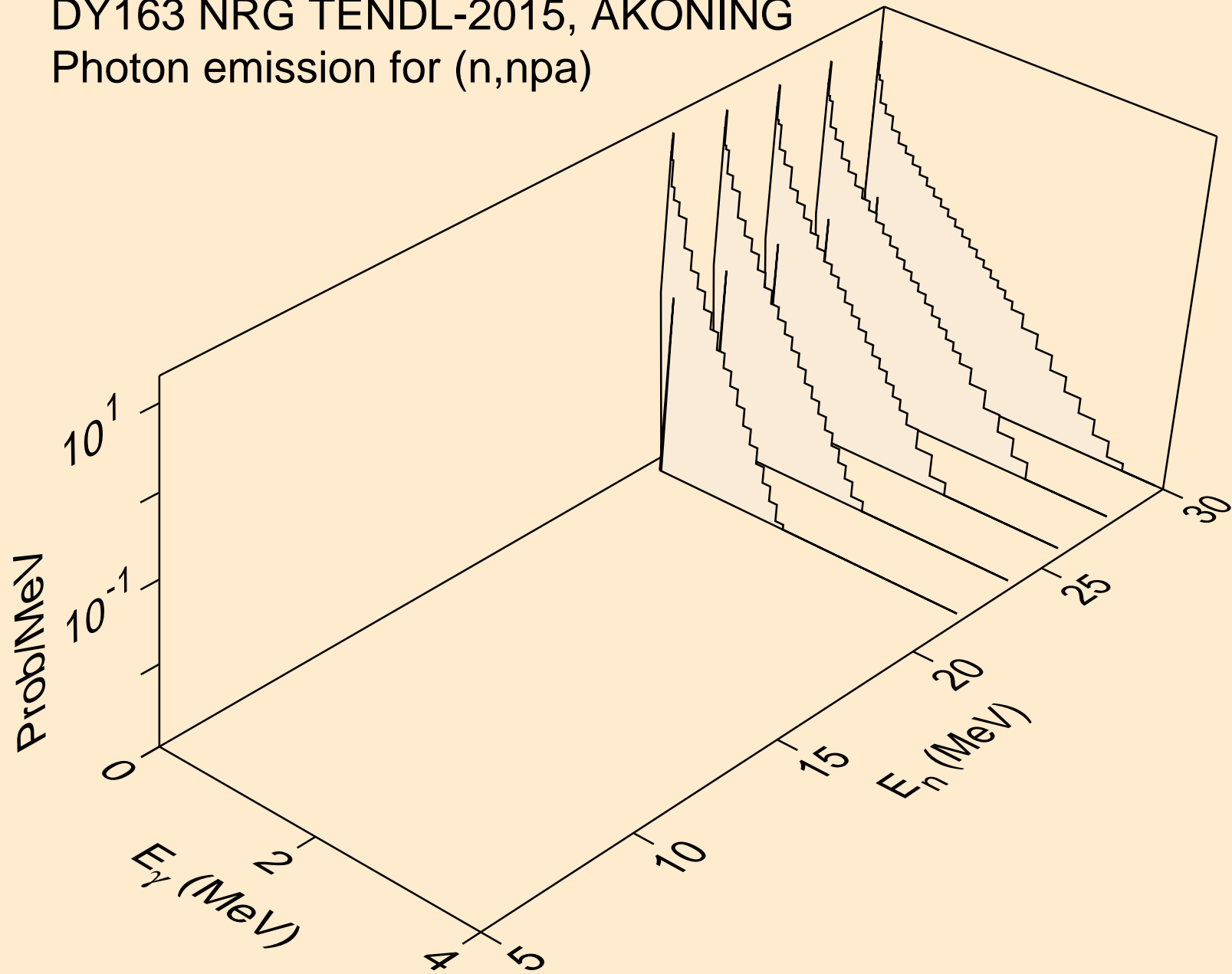




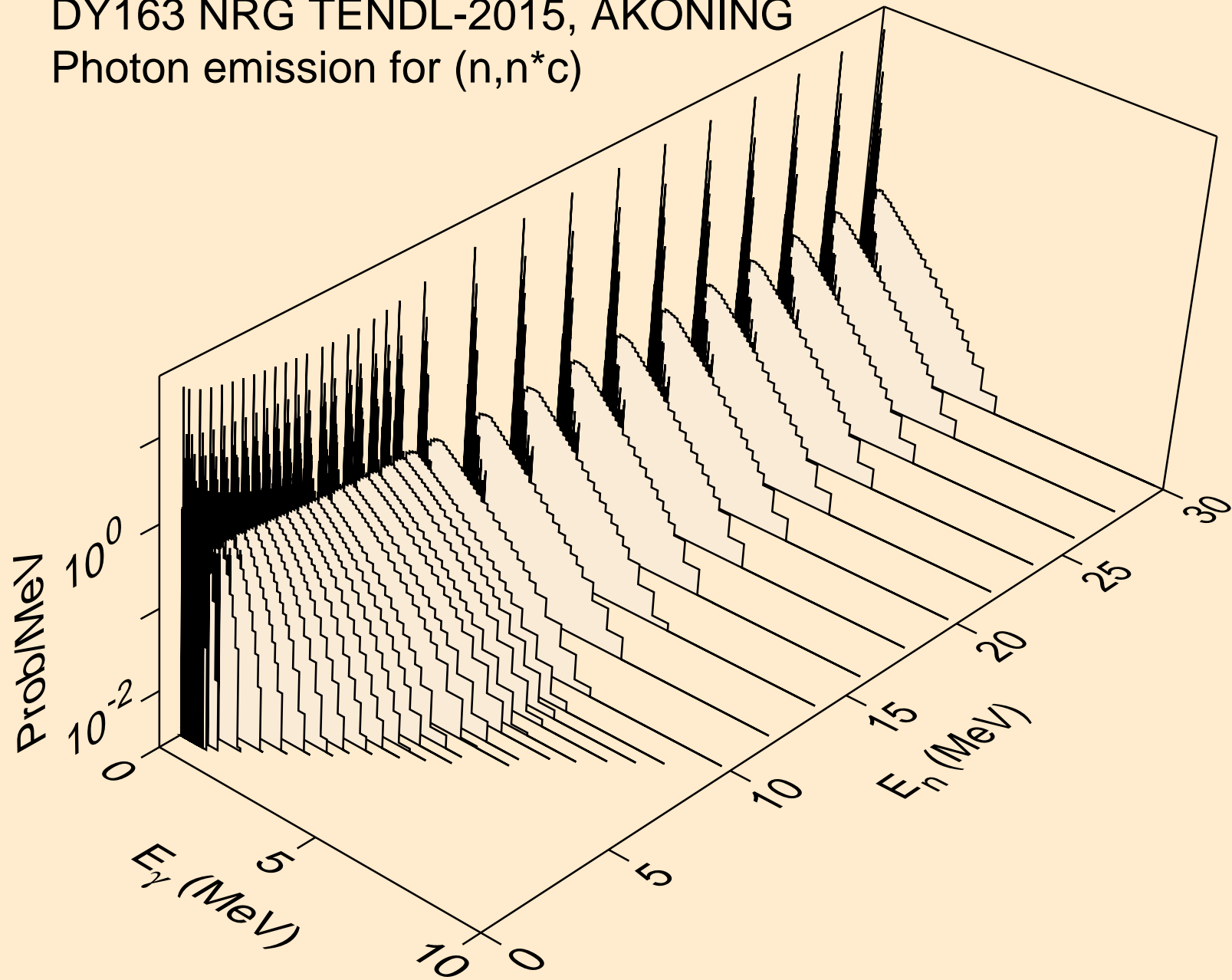
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



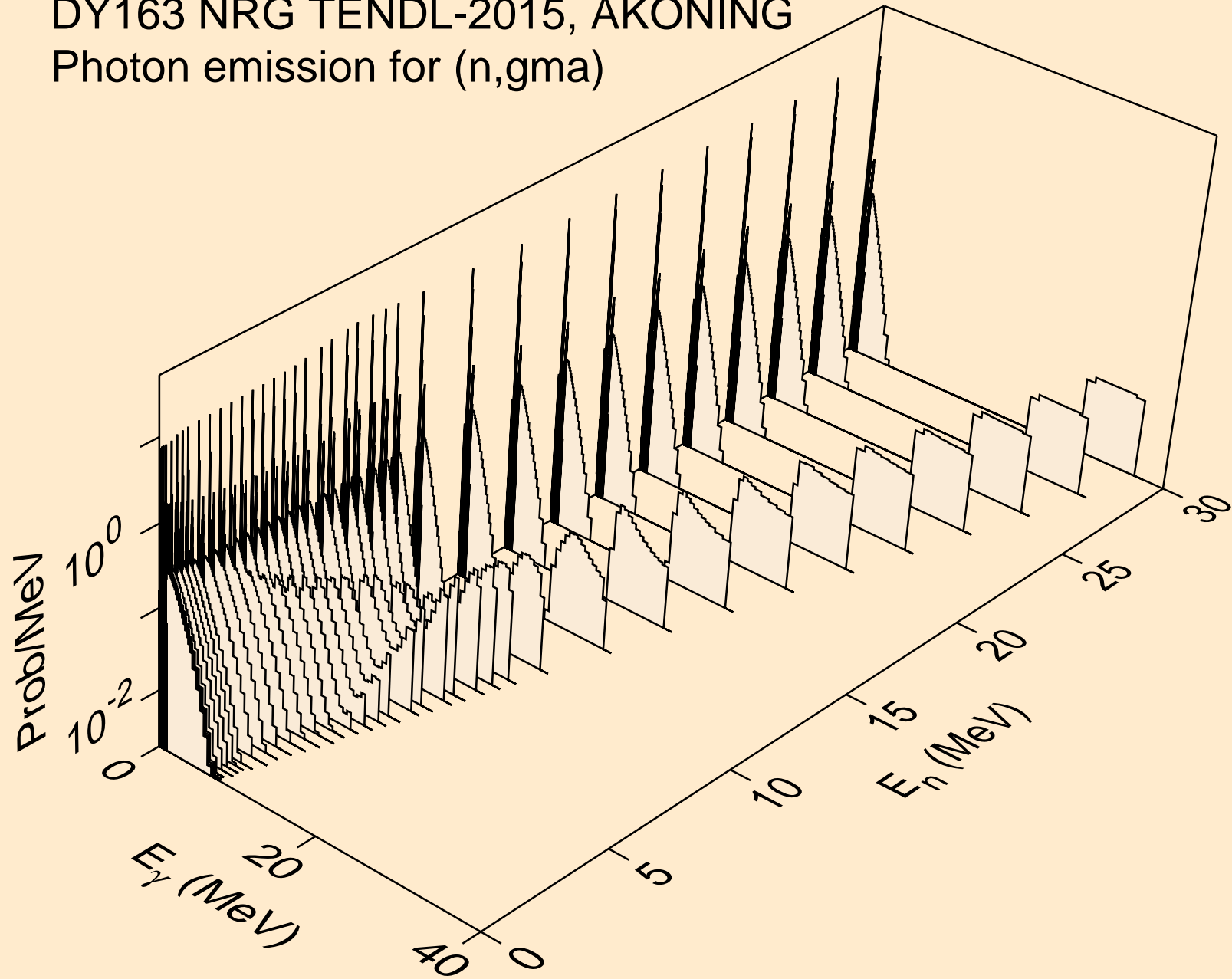
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



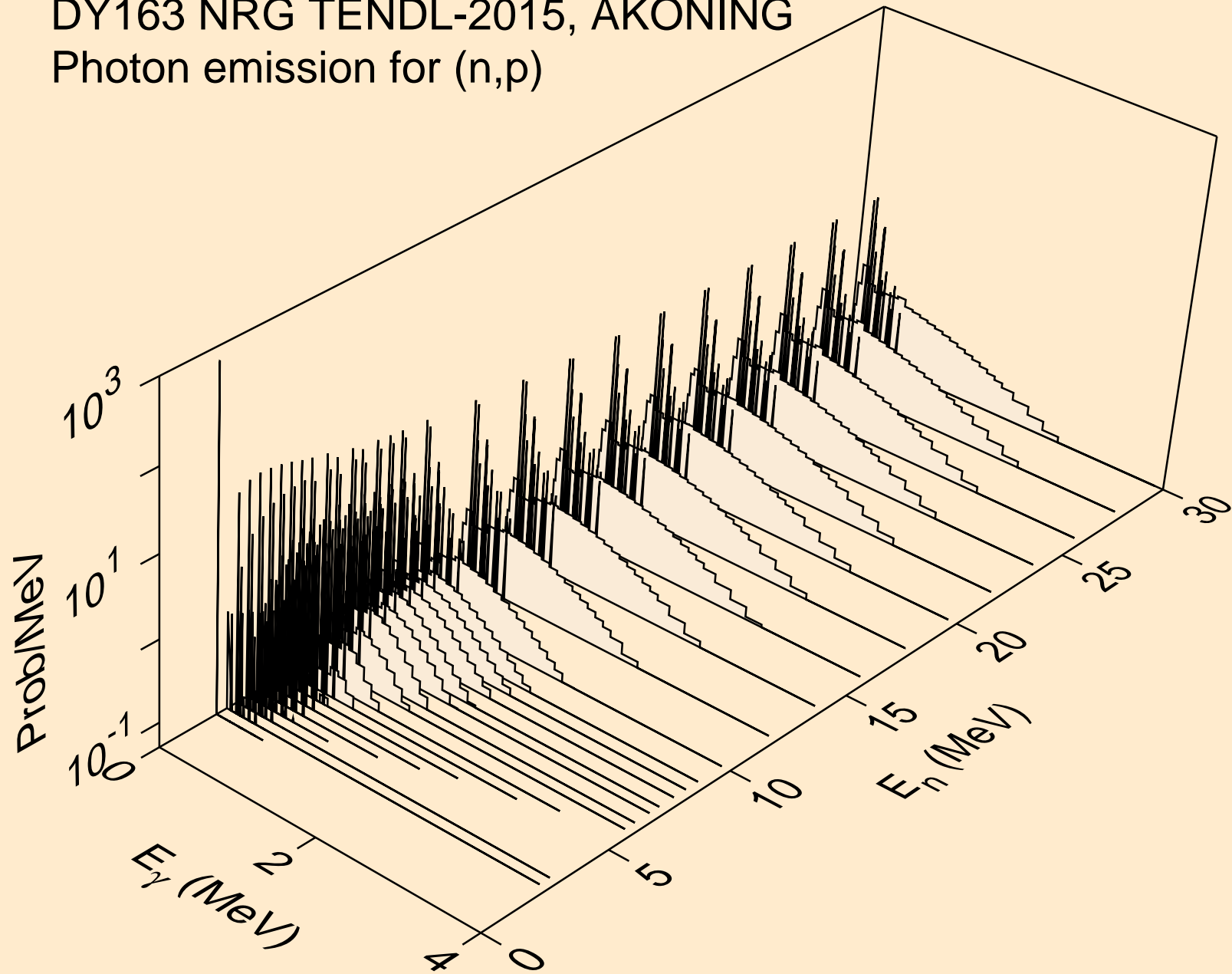
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



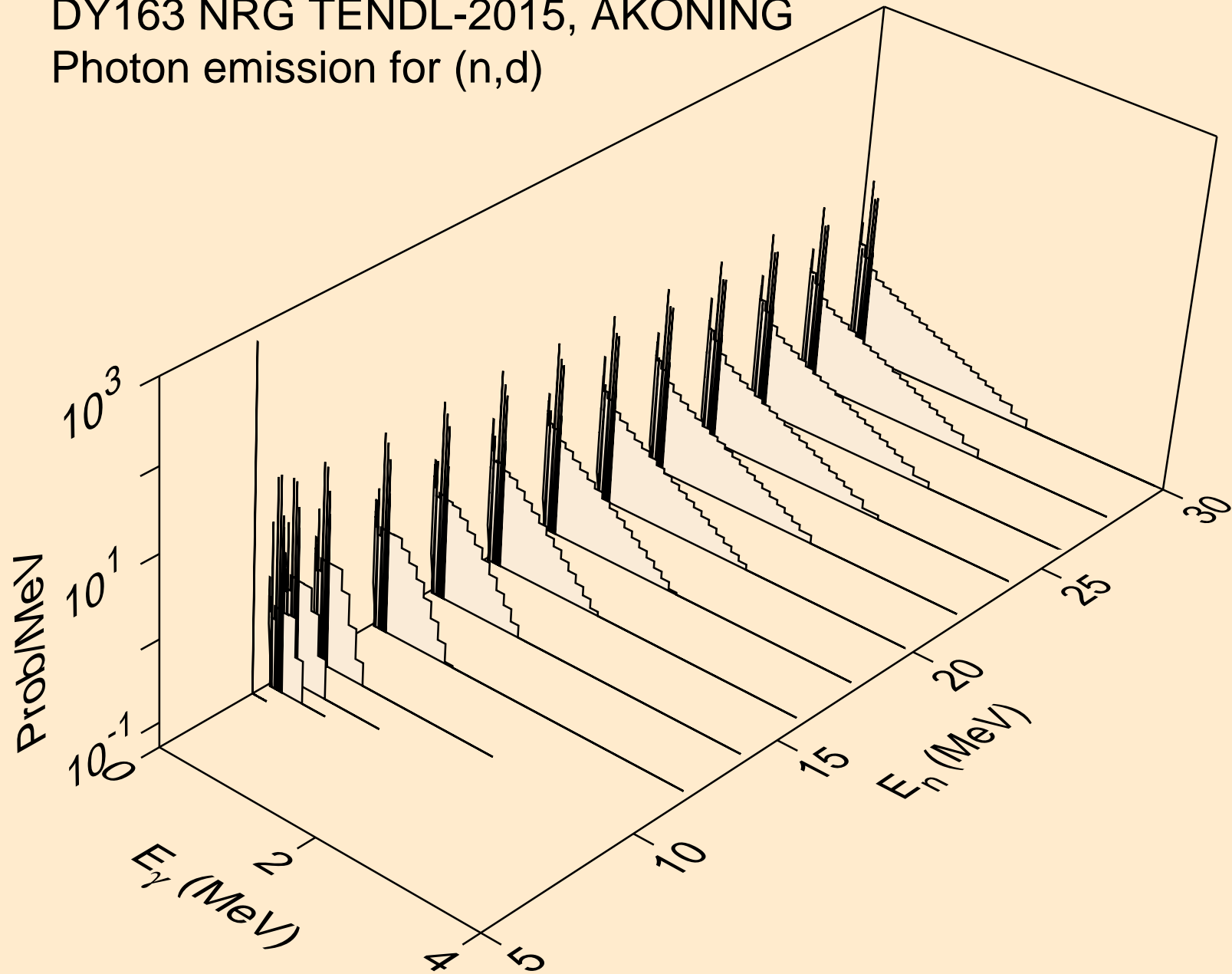
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



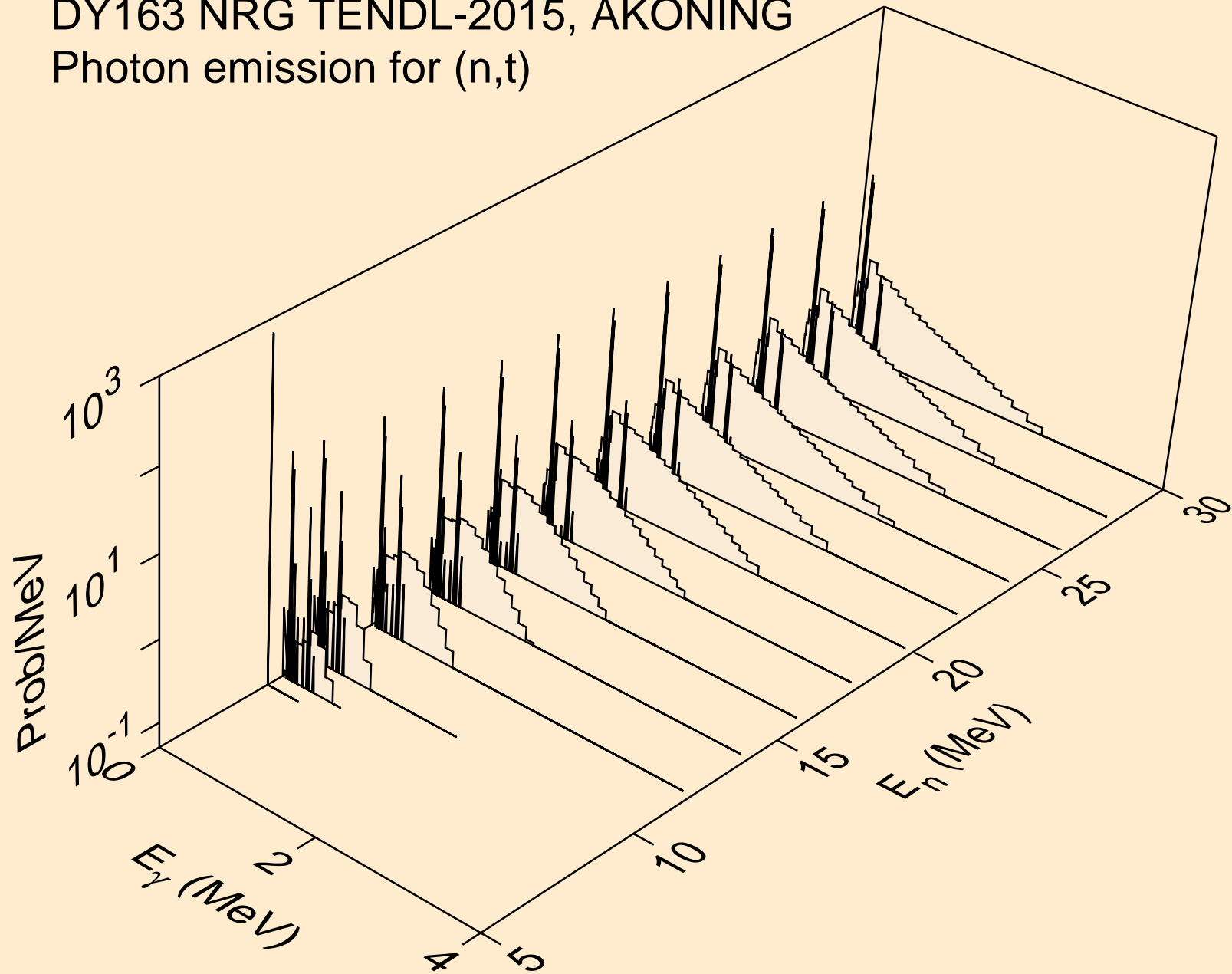
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



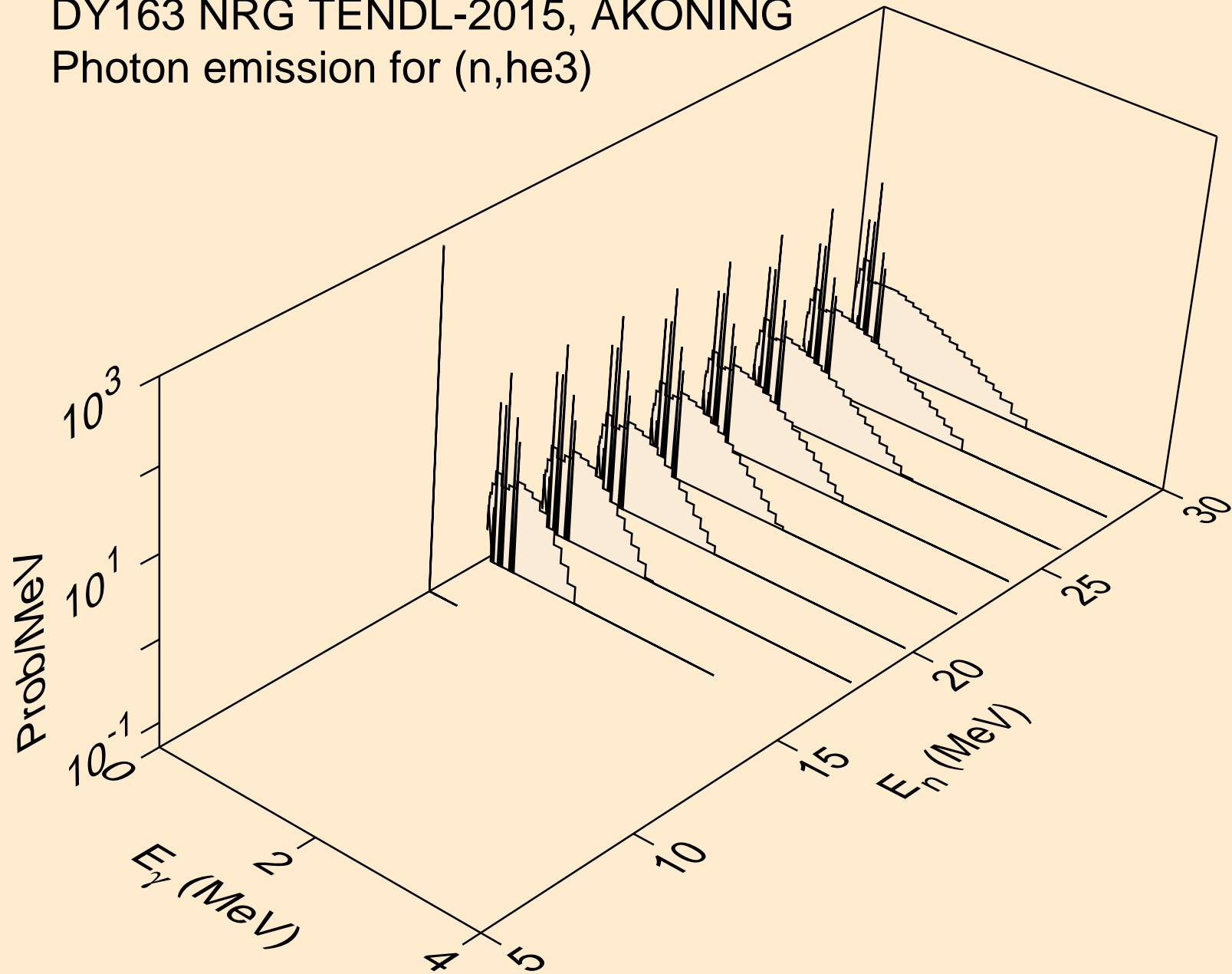
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

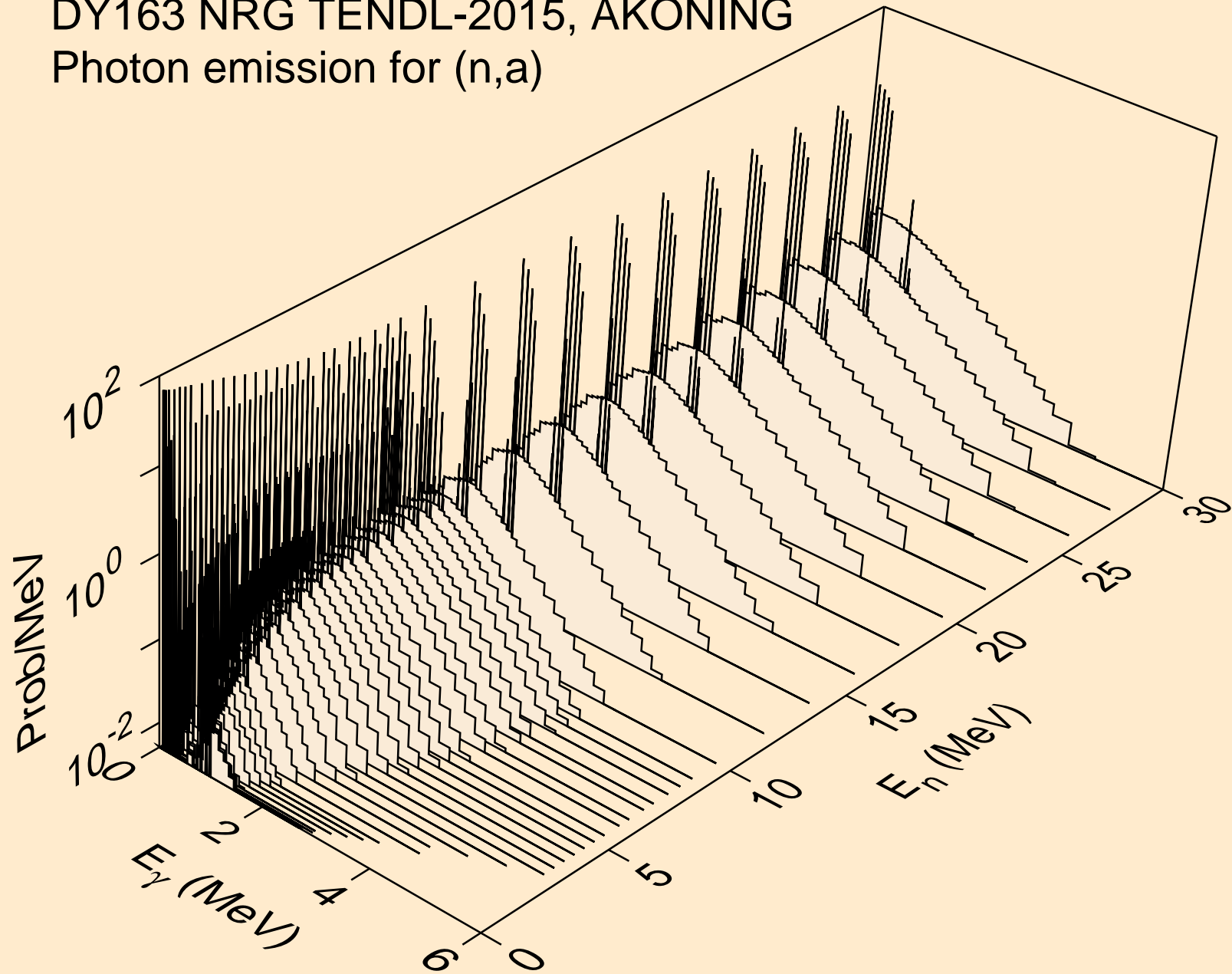


DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

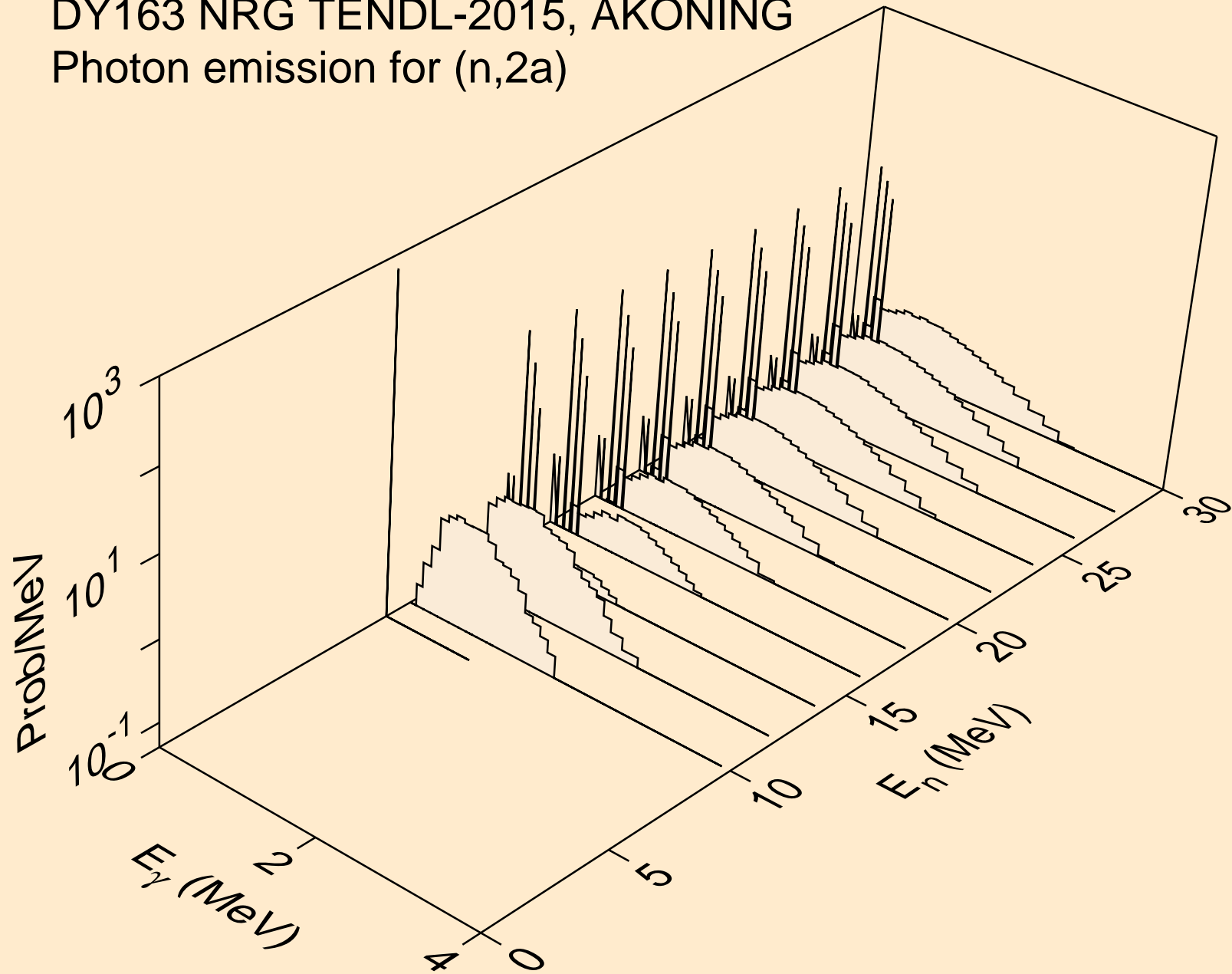




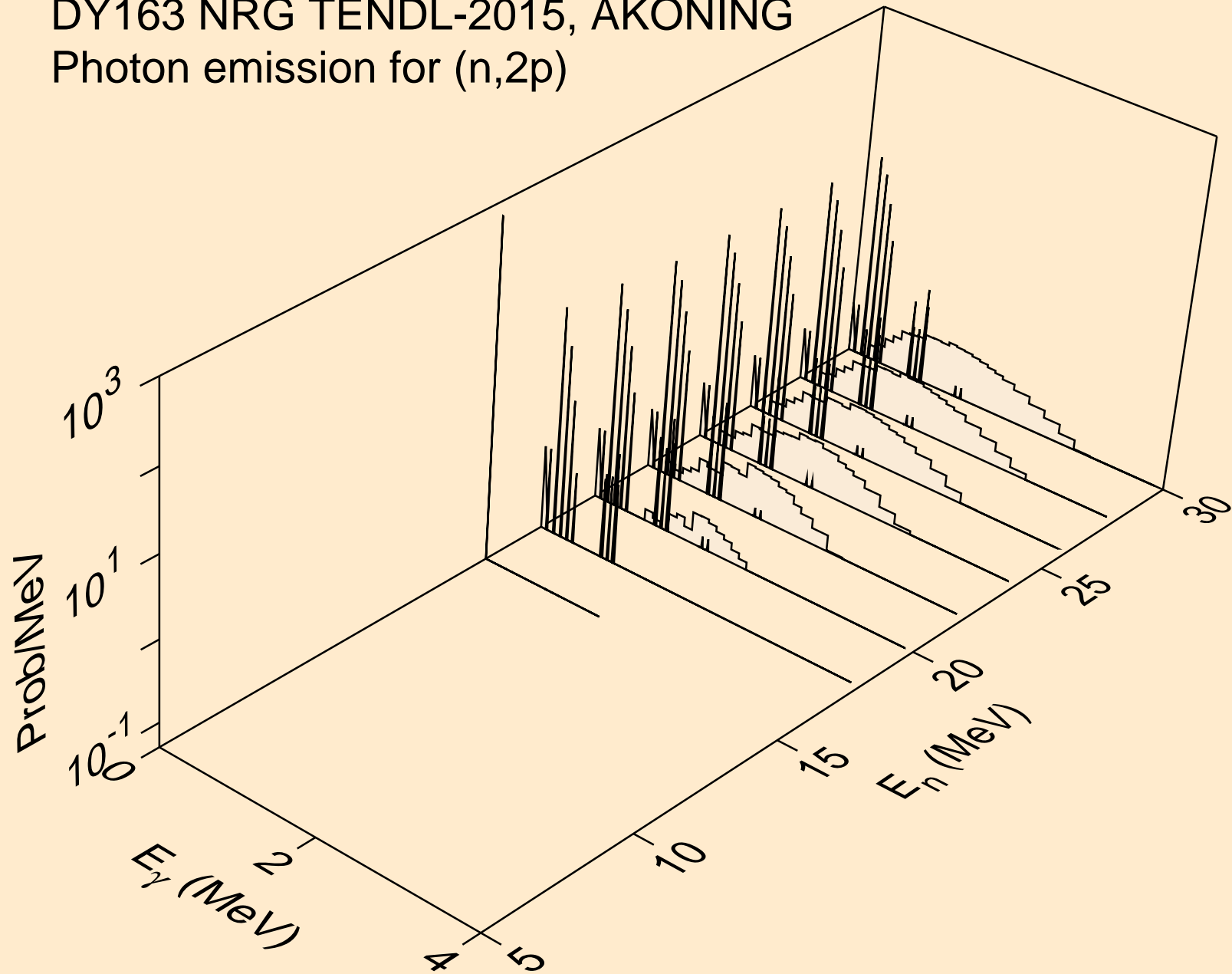
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



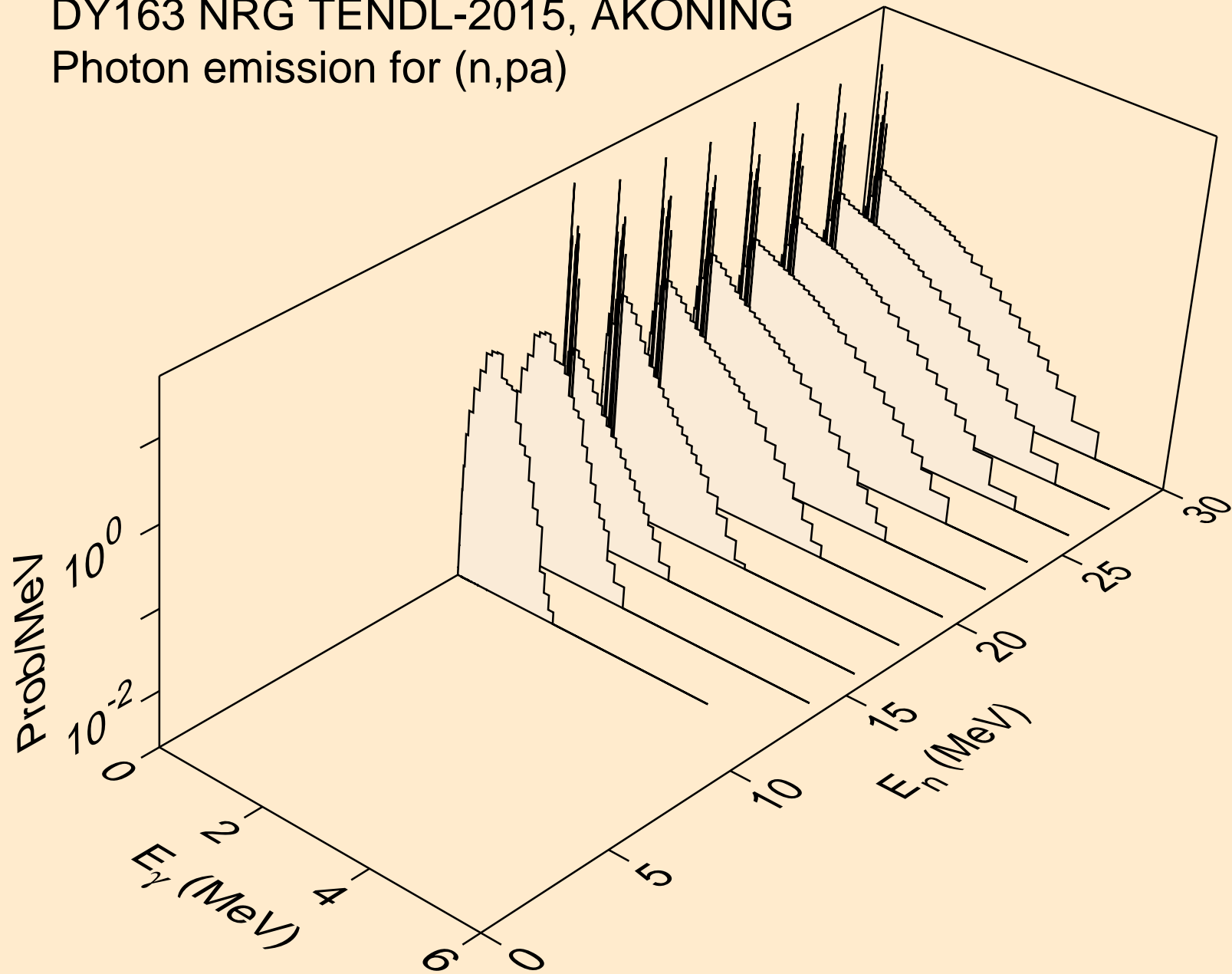
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



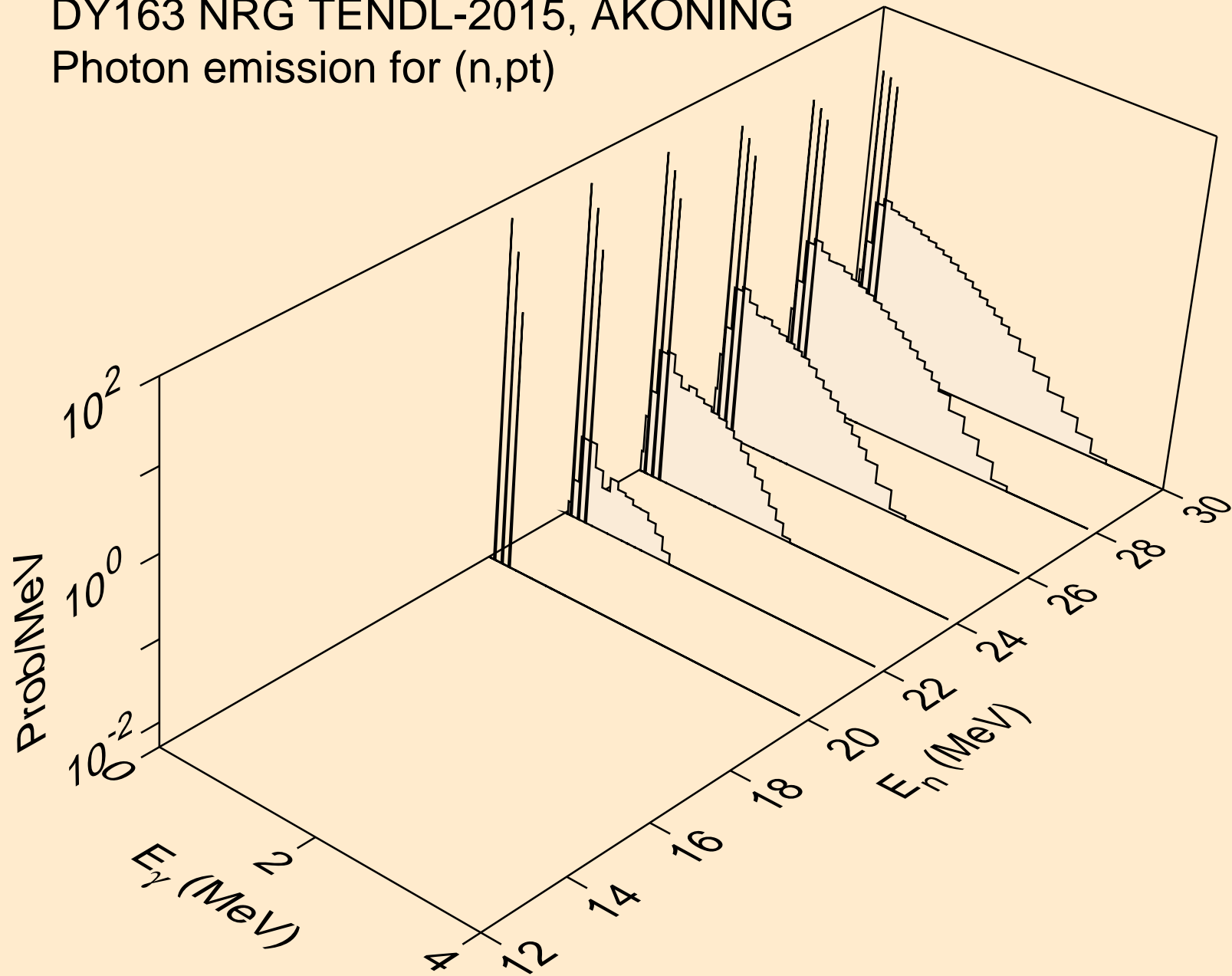
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



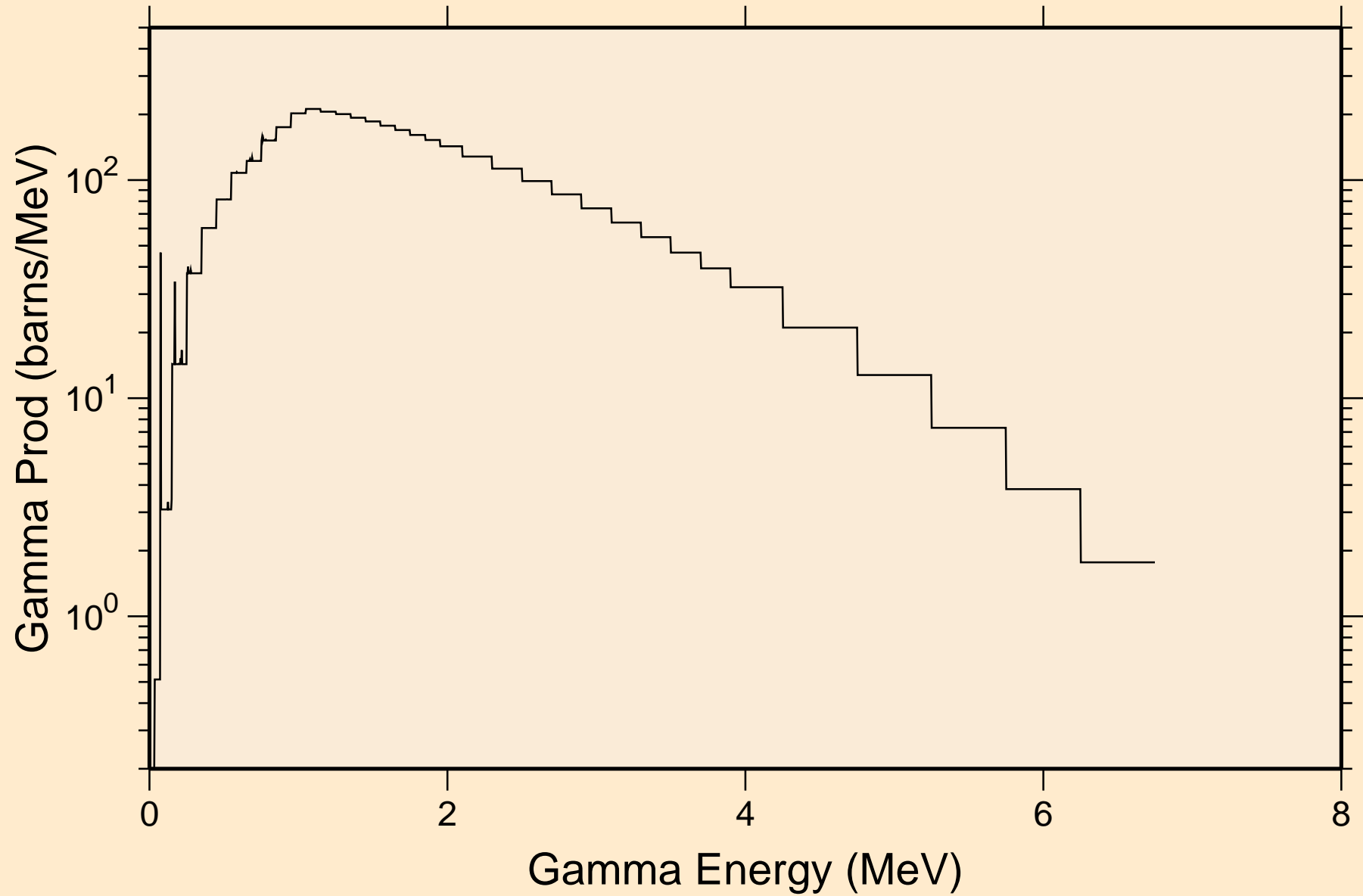
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



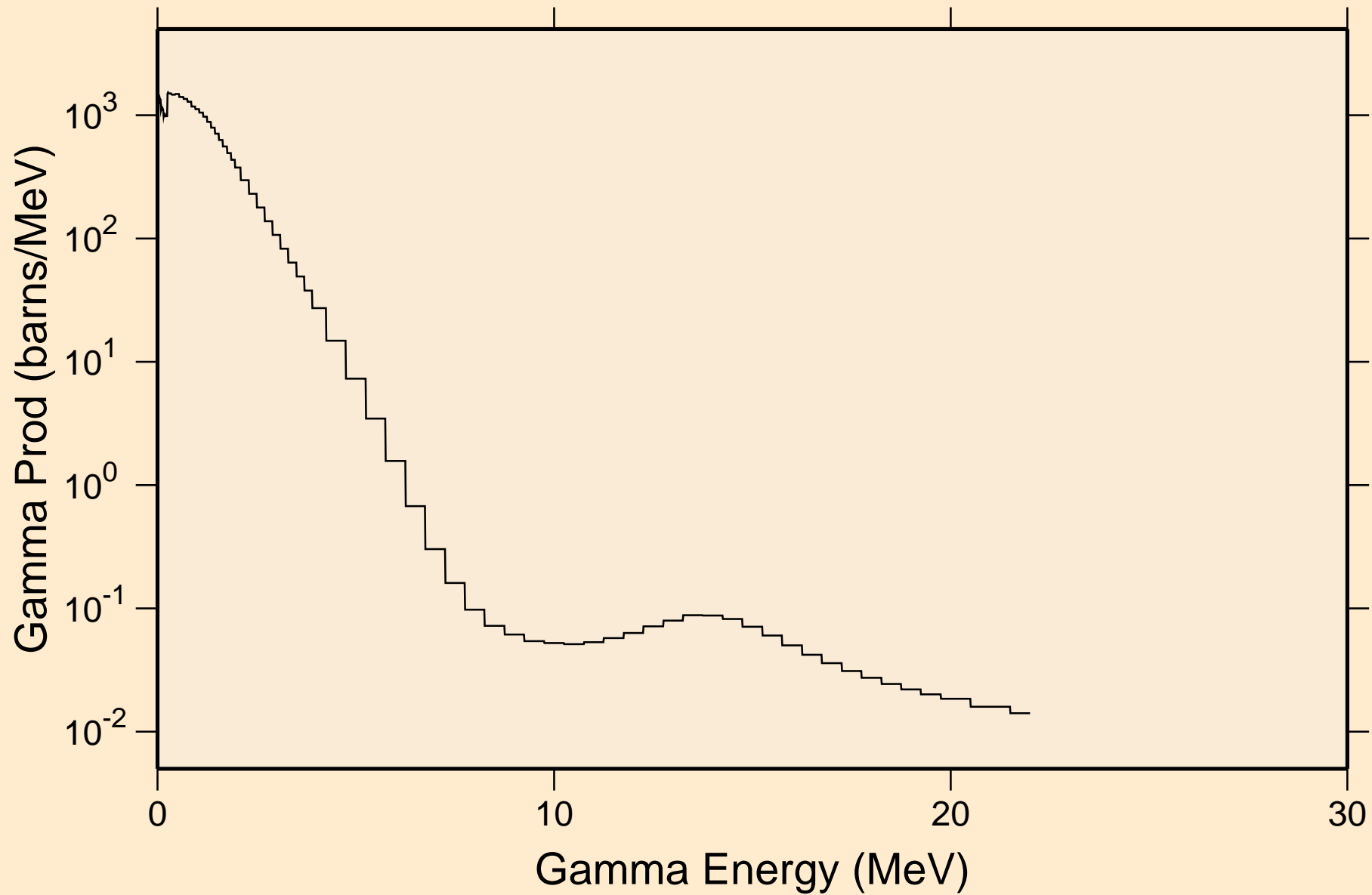
DY163 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



DY163 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

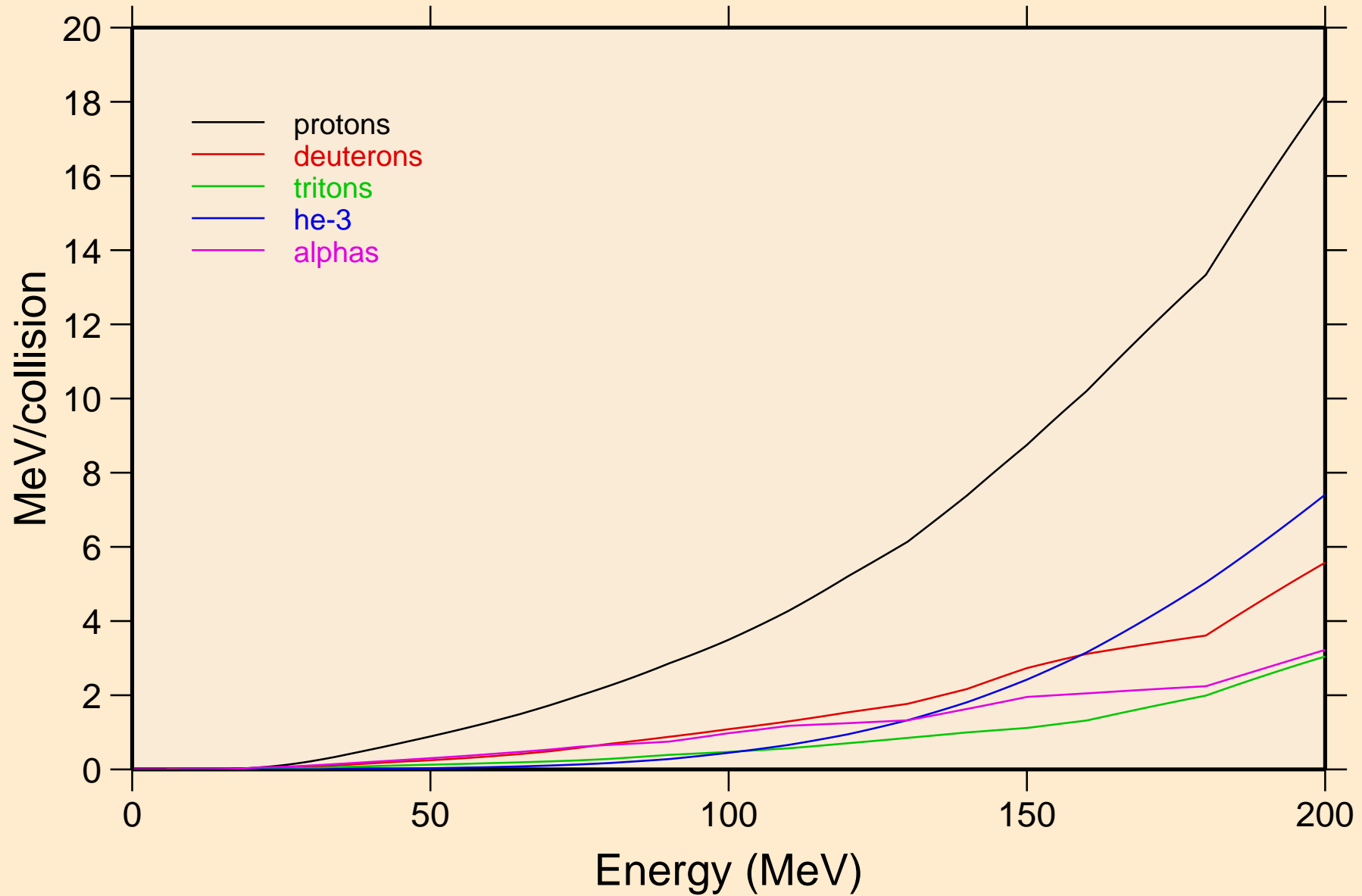


DY163 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# DY163 NRG TENDL-2015, AKONING

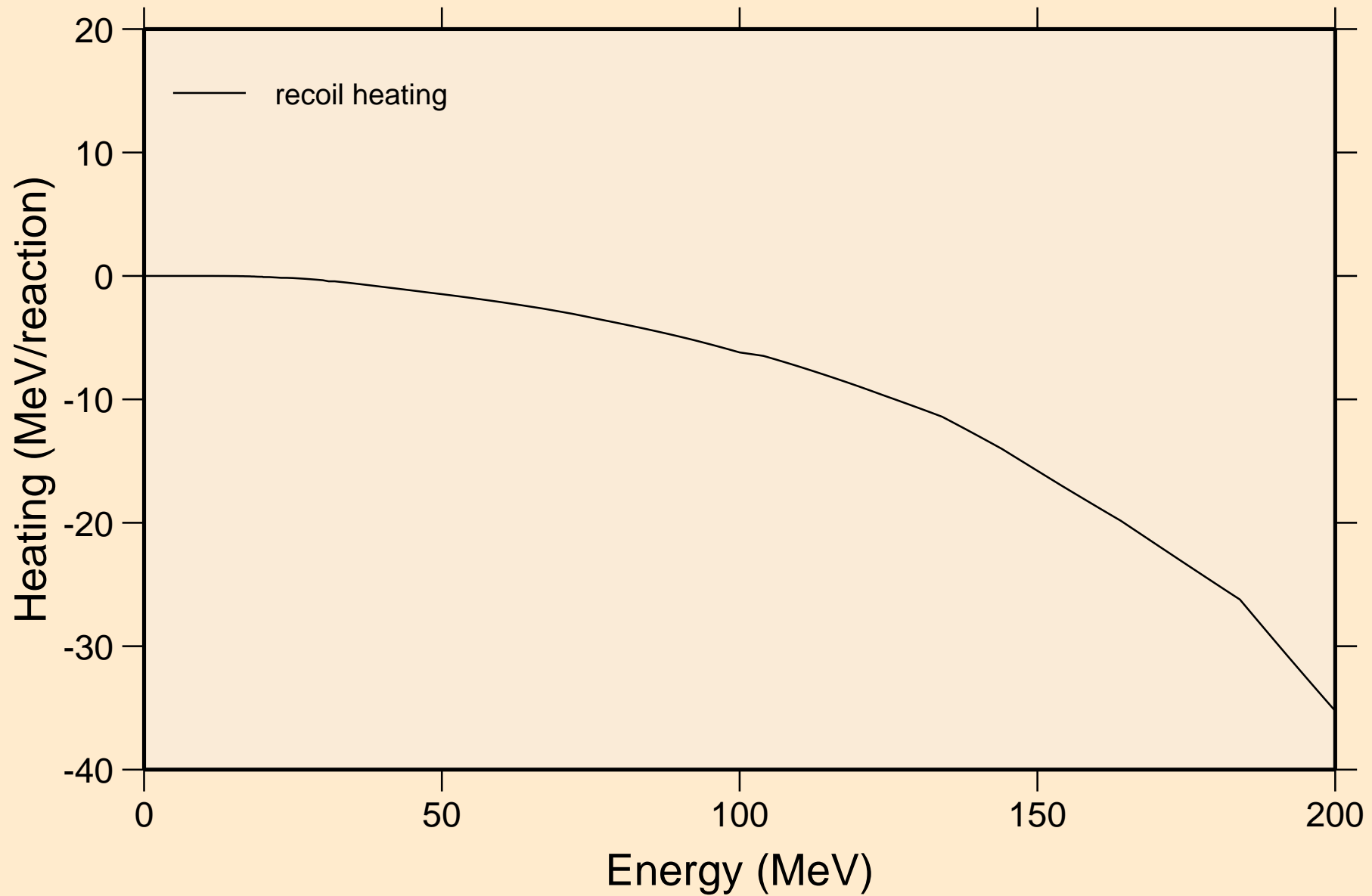
## Particle heating contributions





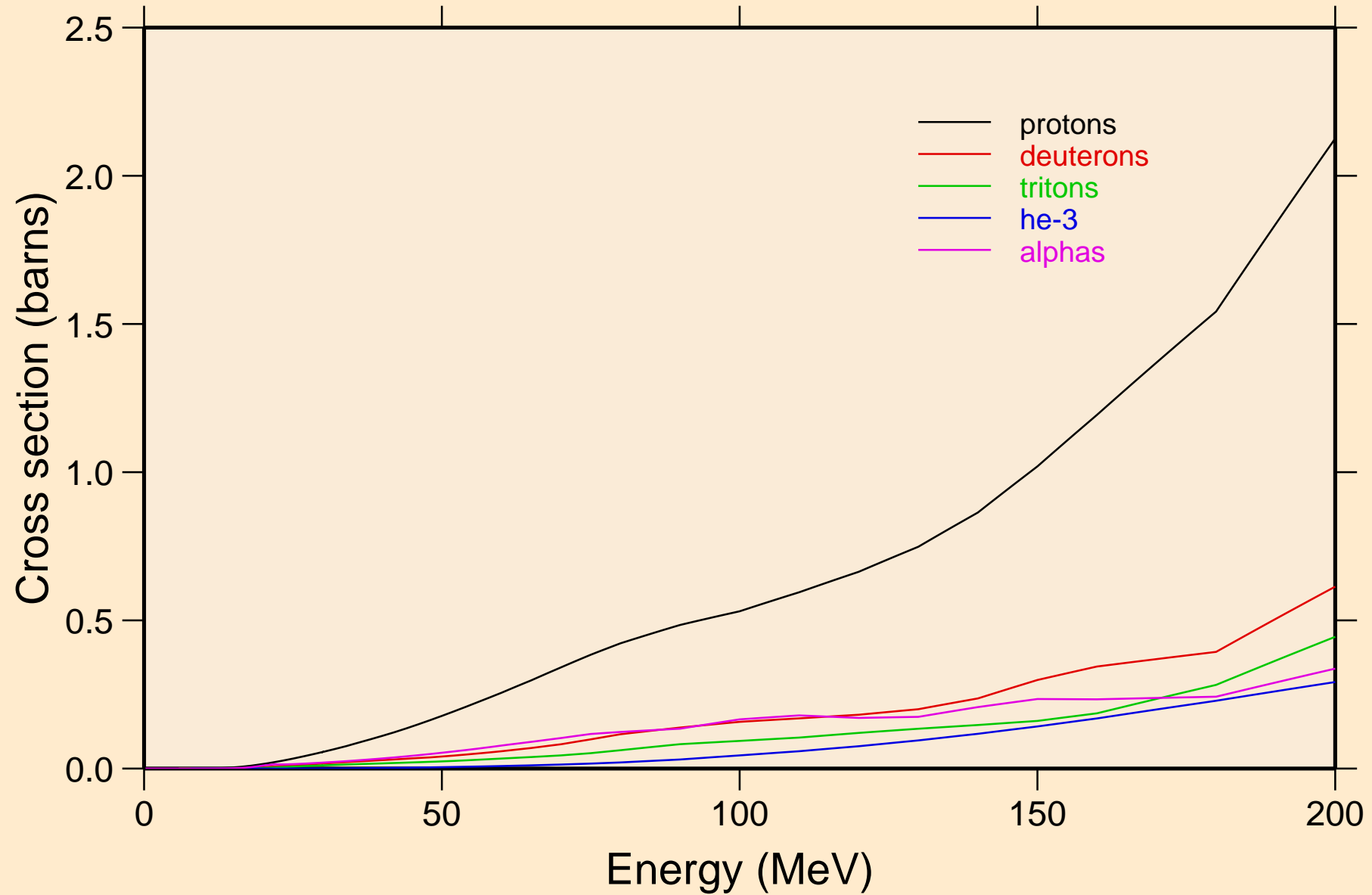
# DY163 NRG TENDL-2015, AKONING

## Recoil Heating

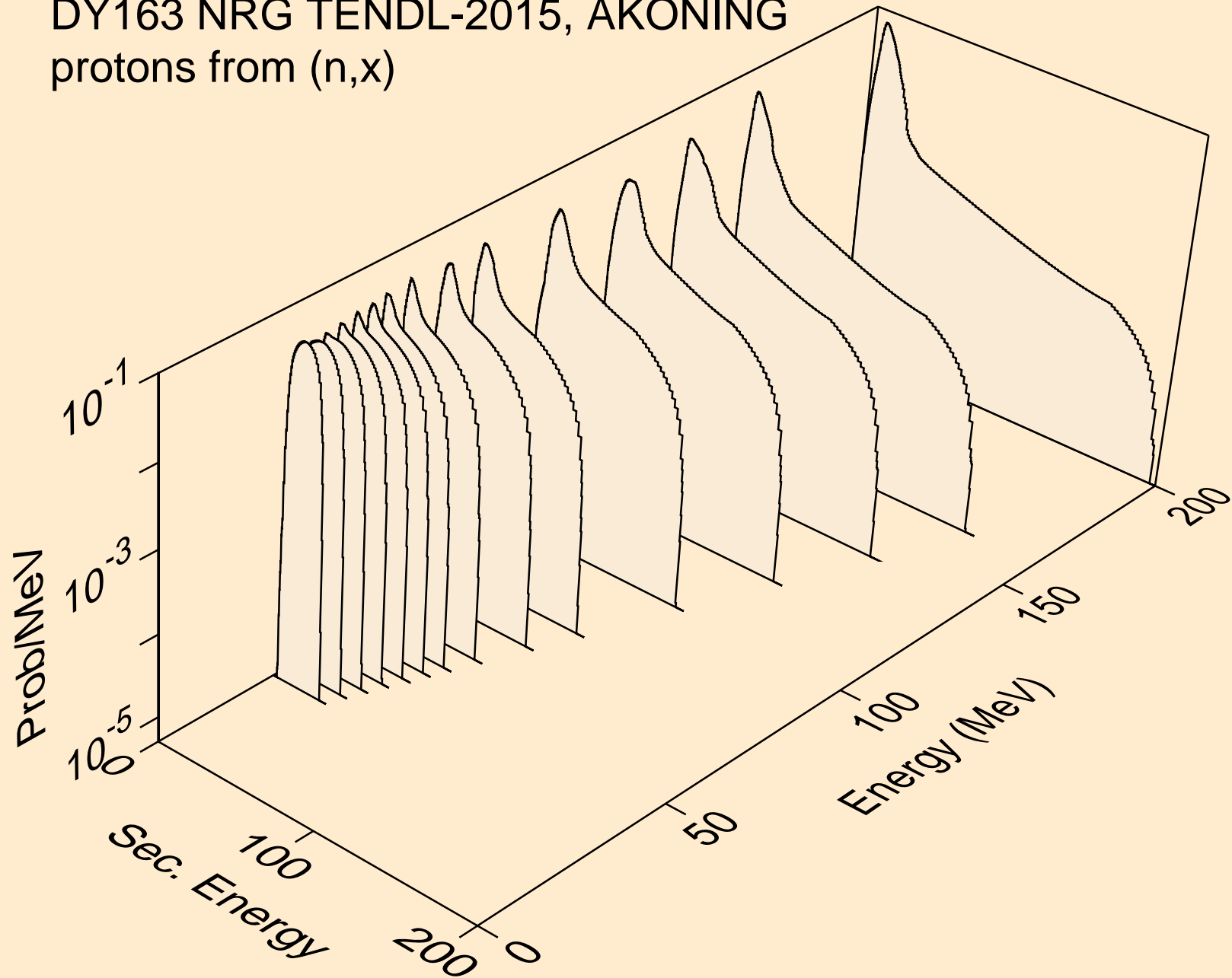


# DY163 NRG TENDL-2015, AKONING

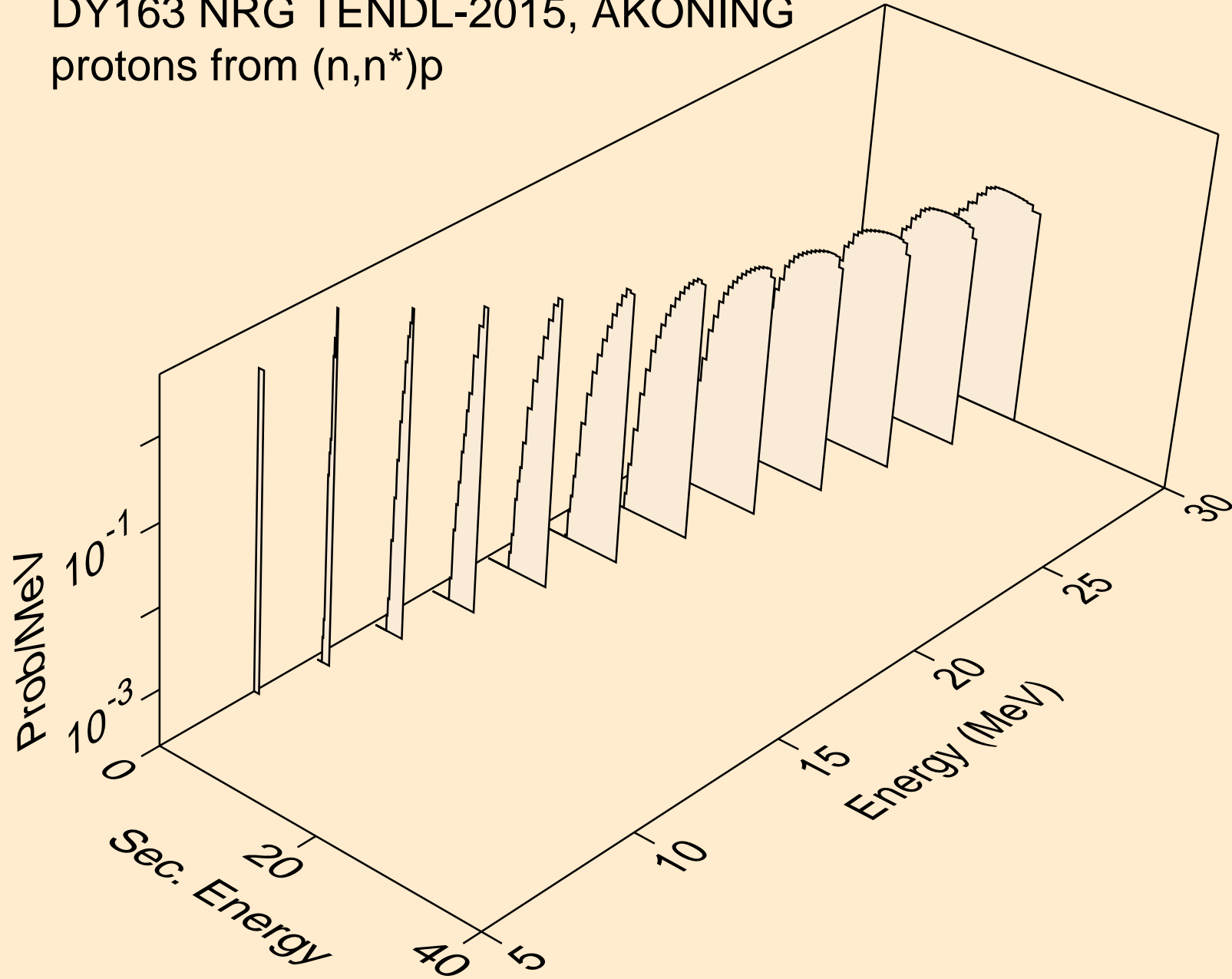
## Particle production cross sections



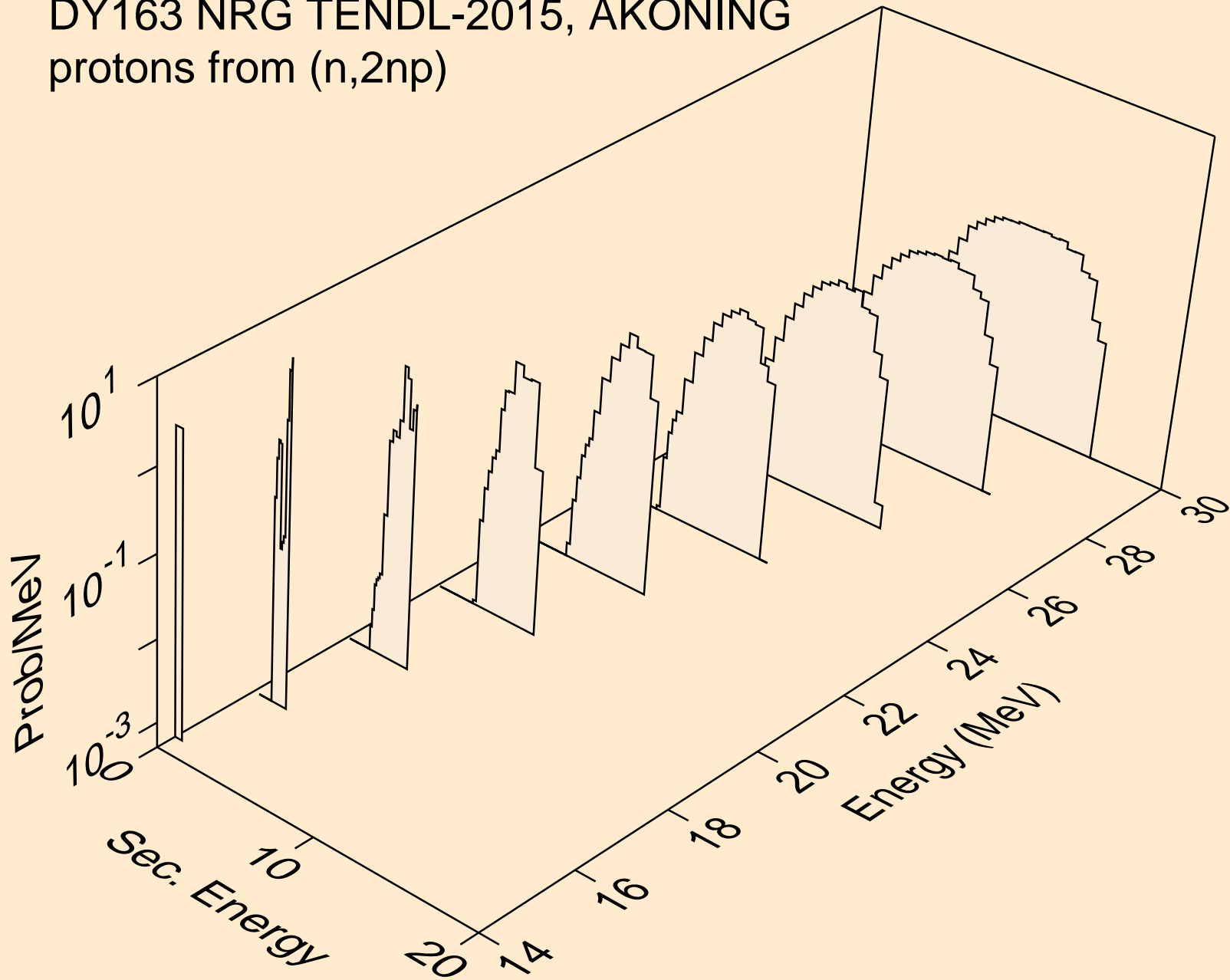
DY163 NRG TENDL-2015, AKONING  
protons from (n,x)



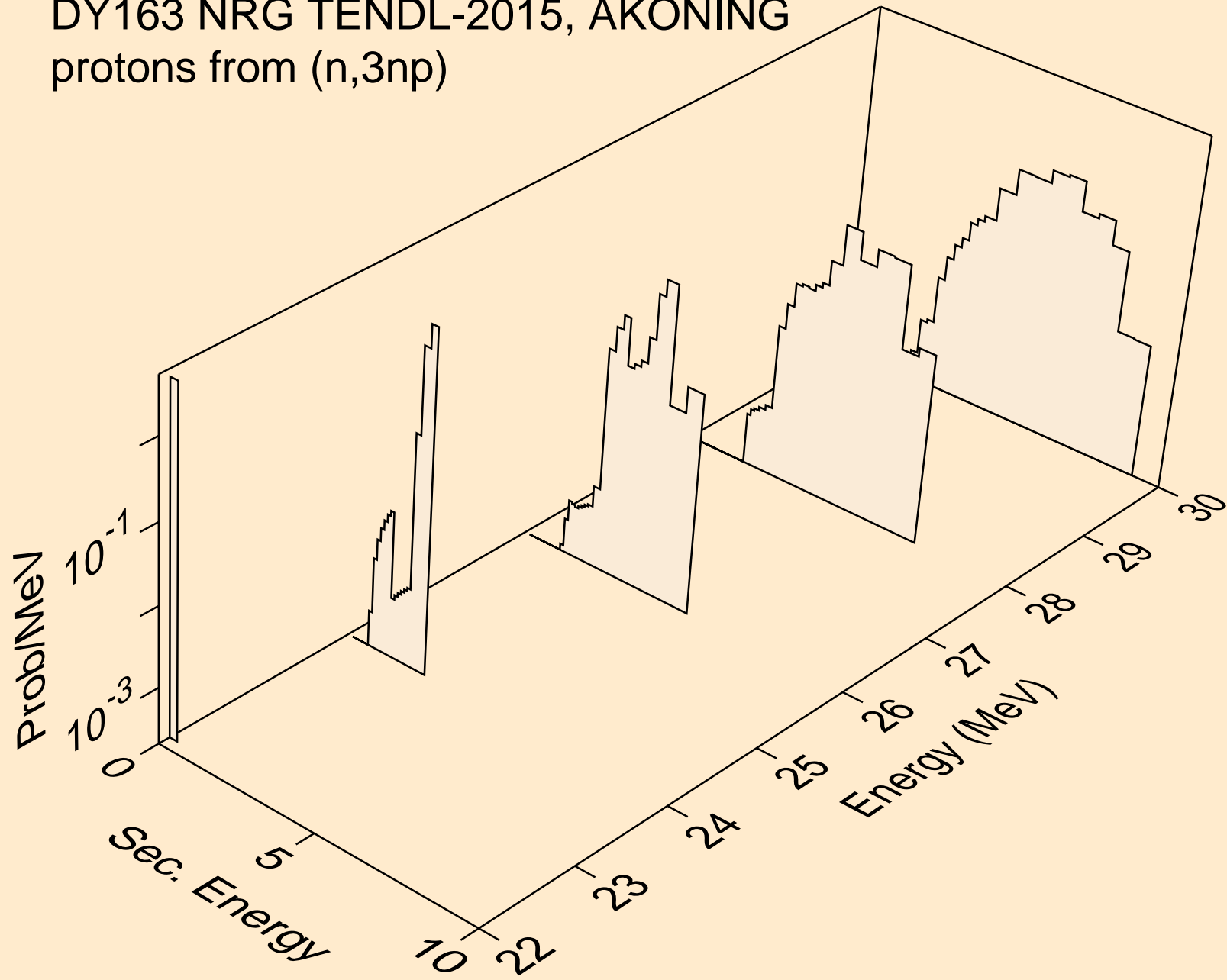
DY163 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



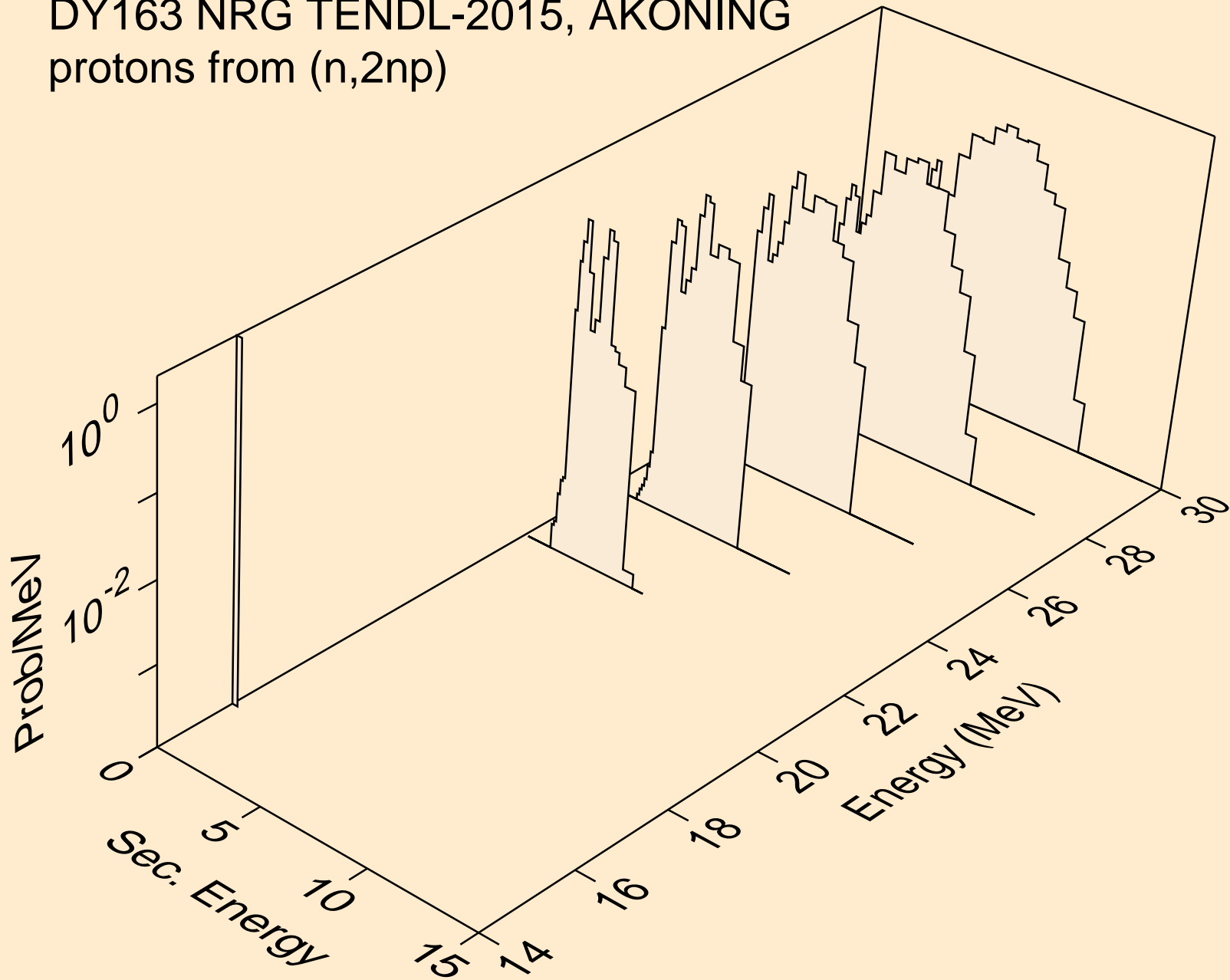
DY163 NRG TENDL-2015, AKONING  
protons from (n,2np)



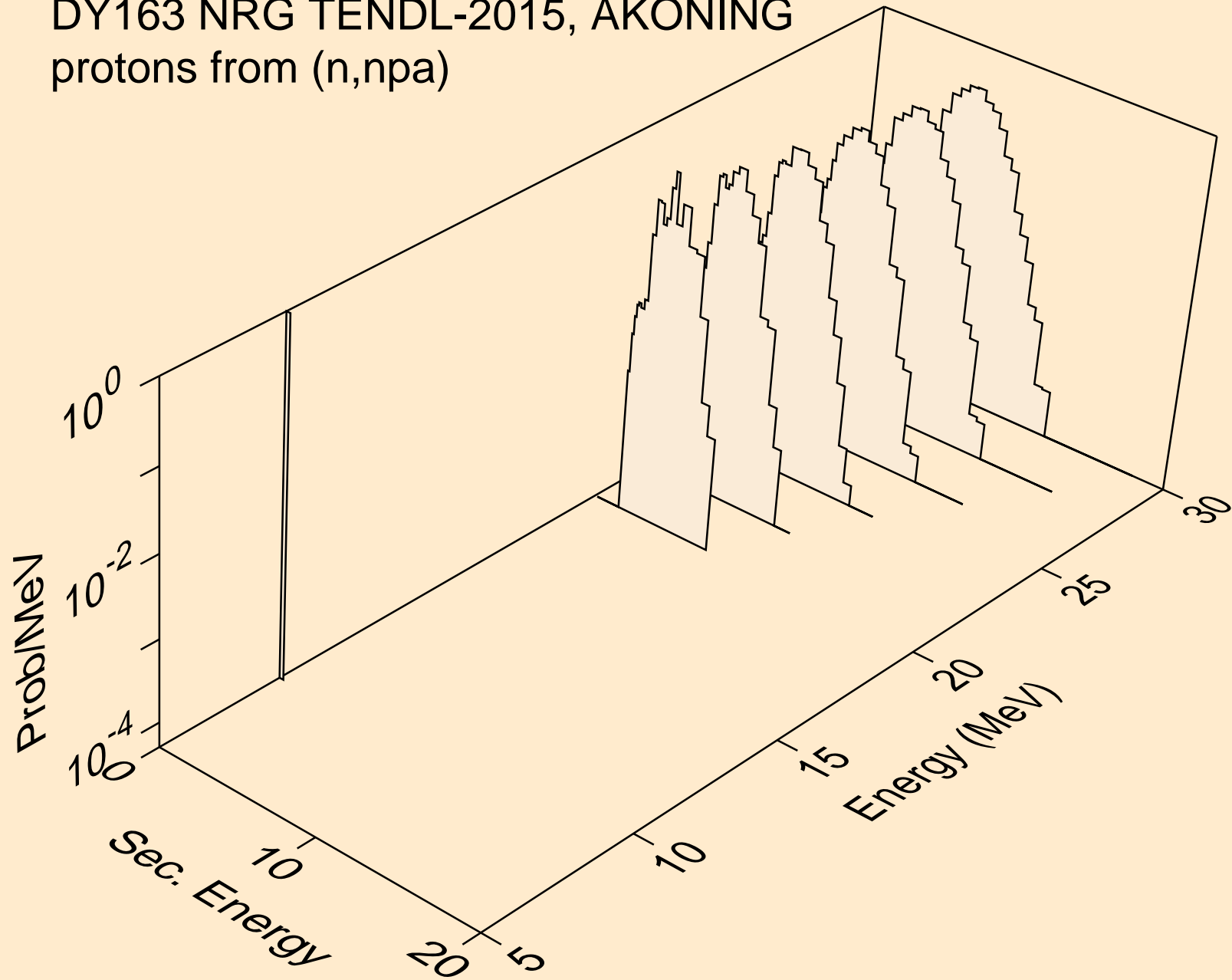
DY163 NRG TENDL-2015, AKONING  
protons from (n,3np)



DY163 NRG TENDL-2015, AKONING  
protons from (n,2np)

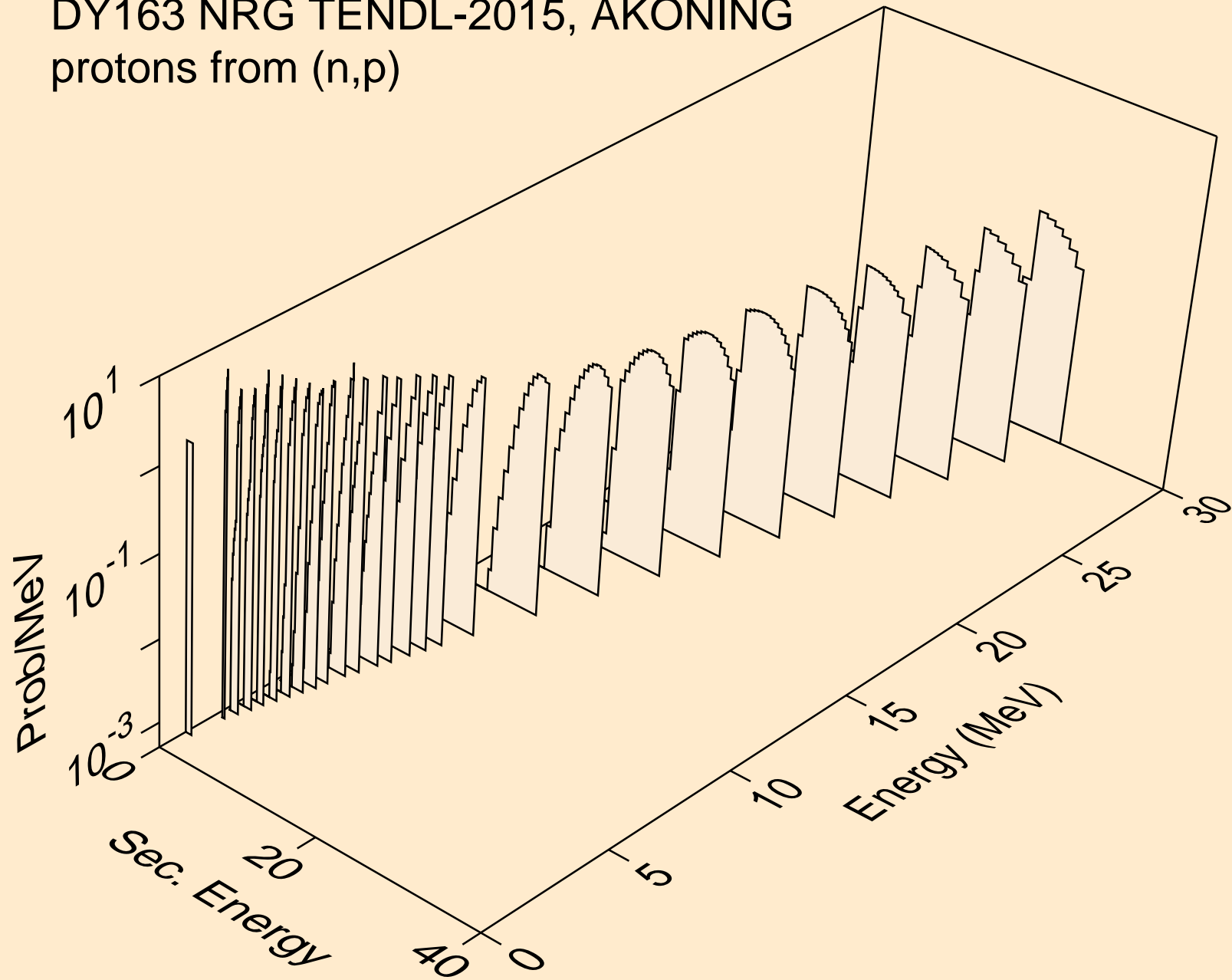


DY163 NRG TENDL-2015, AKONING  
protons from (n,npa)

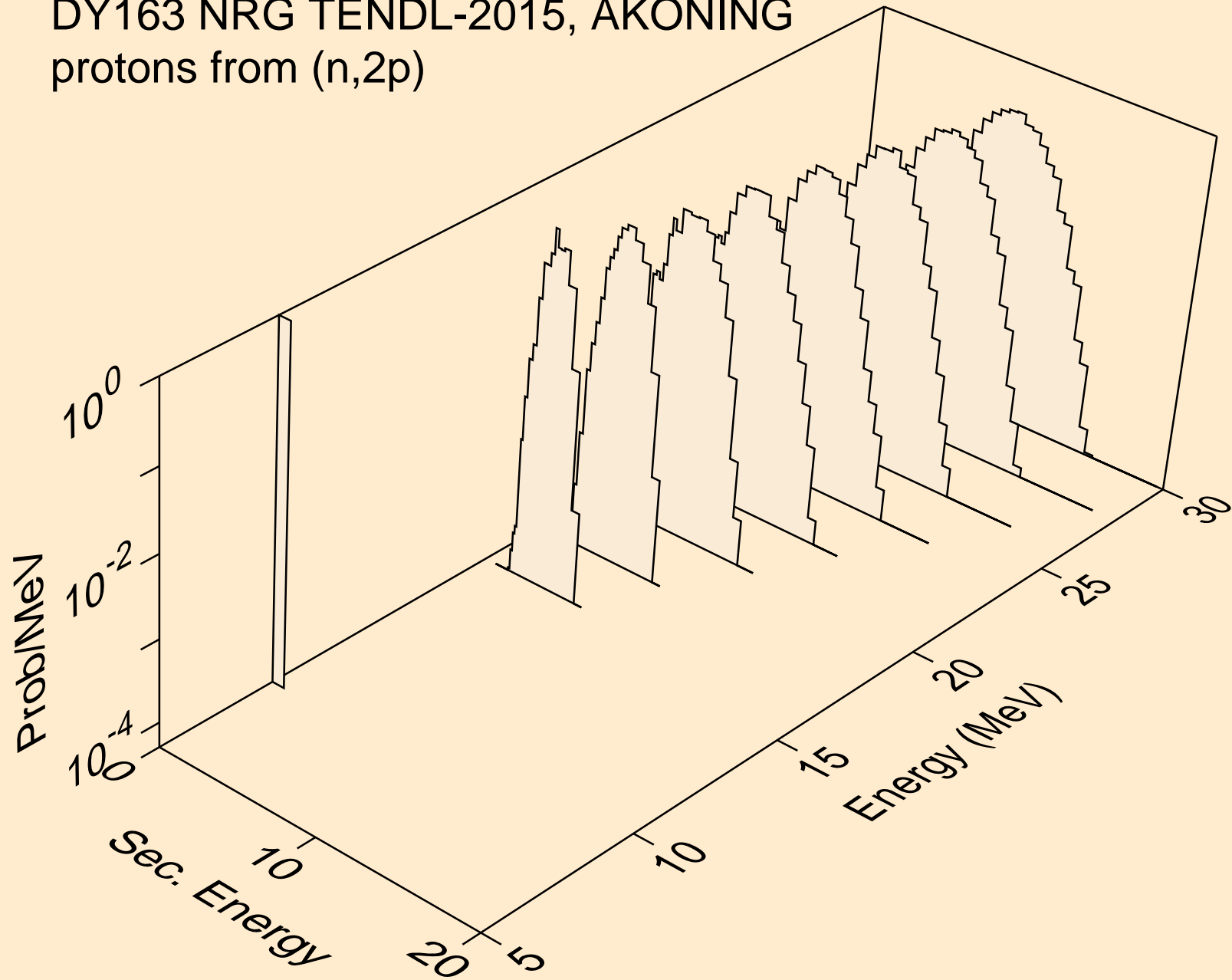




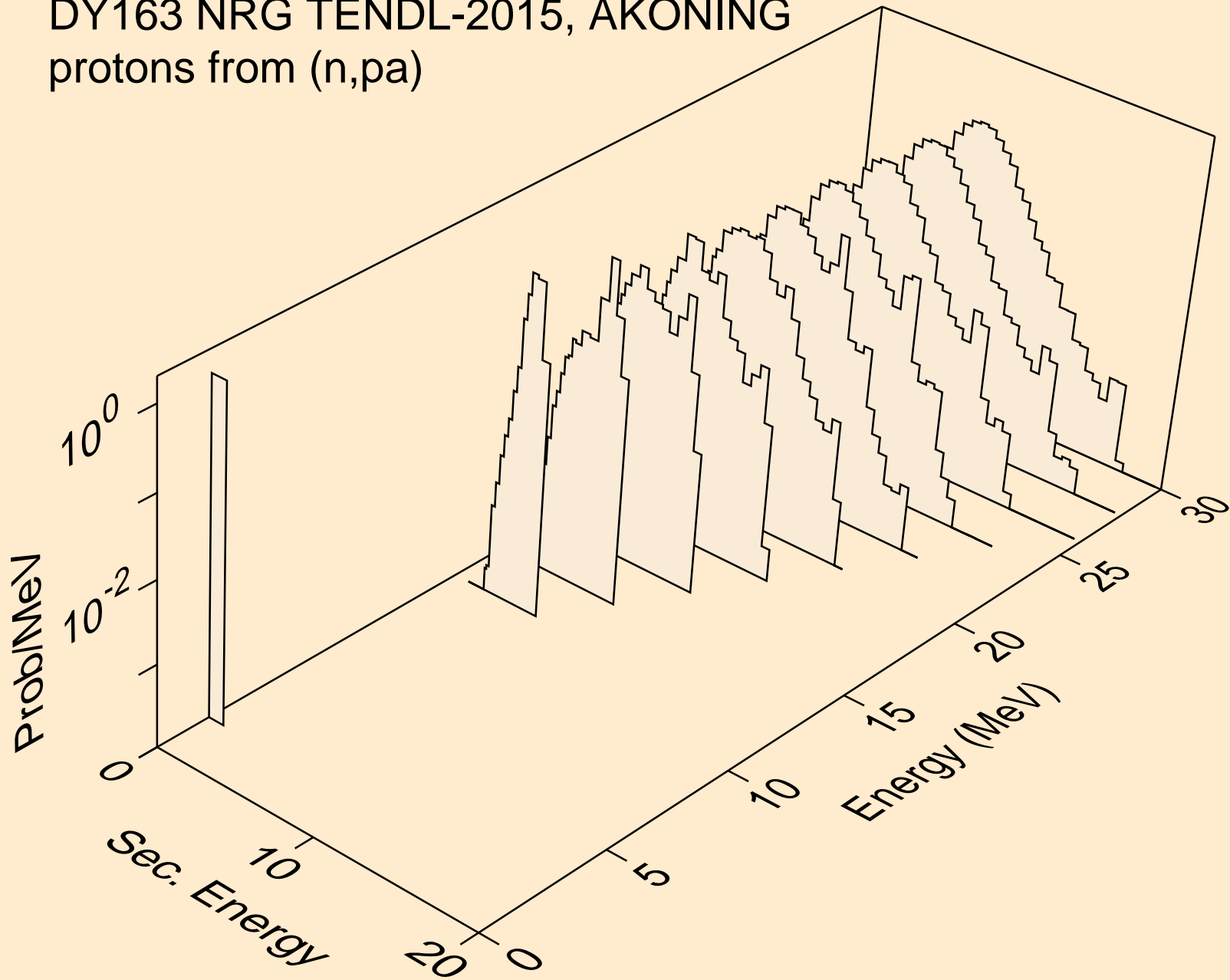
DY163 NRG TENDL-2015, AKONING  
protons from (n,p)



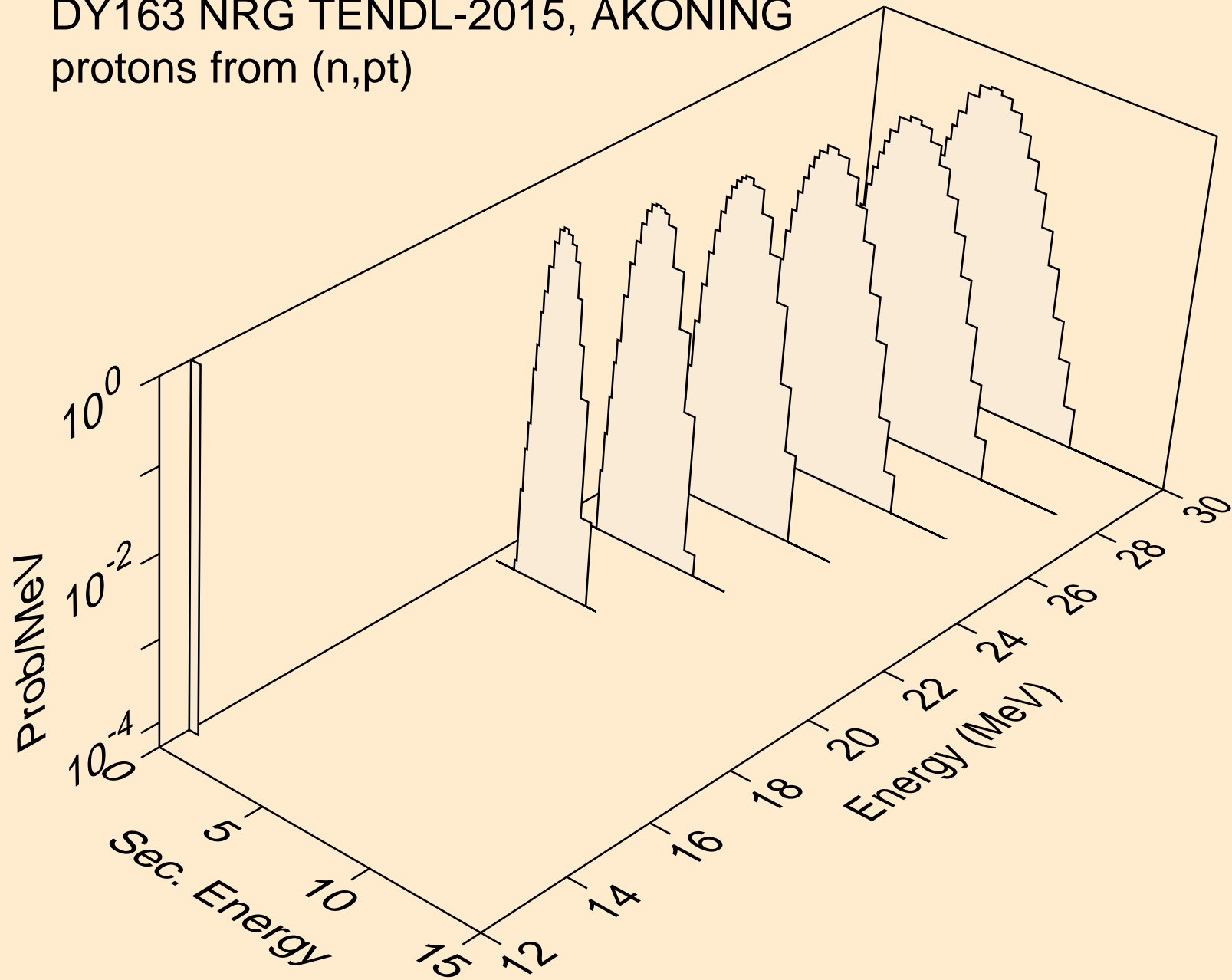
DY163 NRG TENDL-2015, AKONING  
protons from (n,2p)



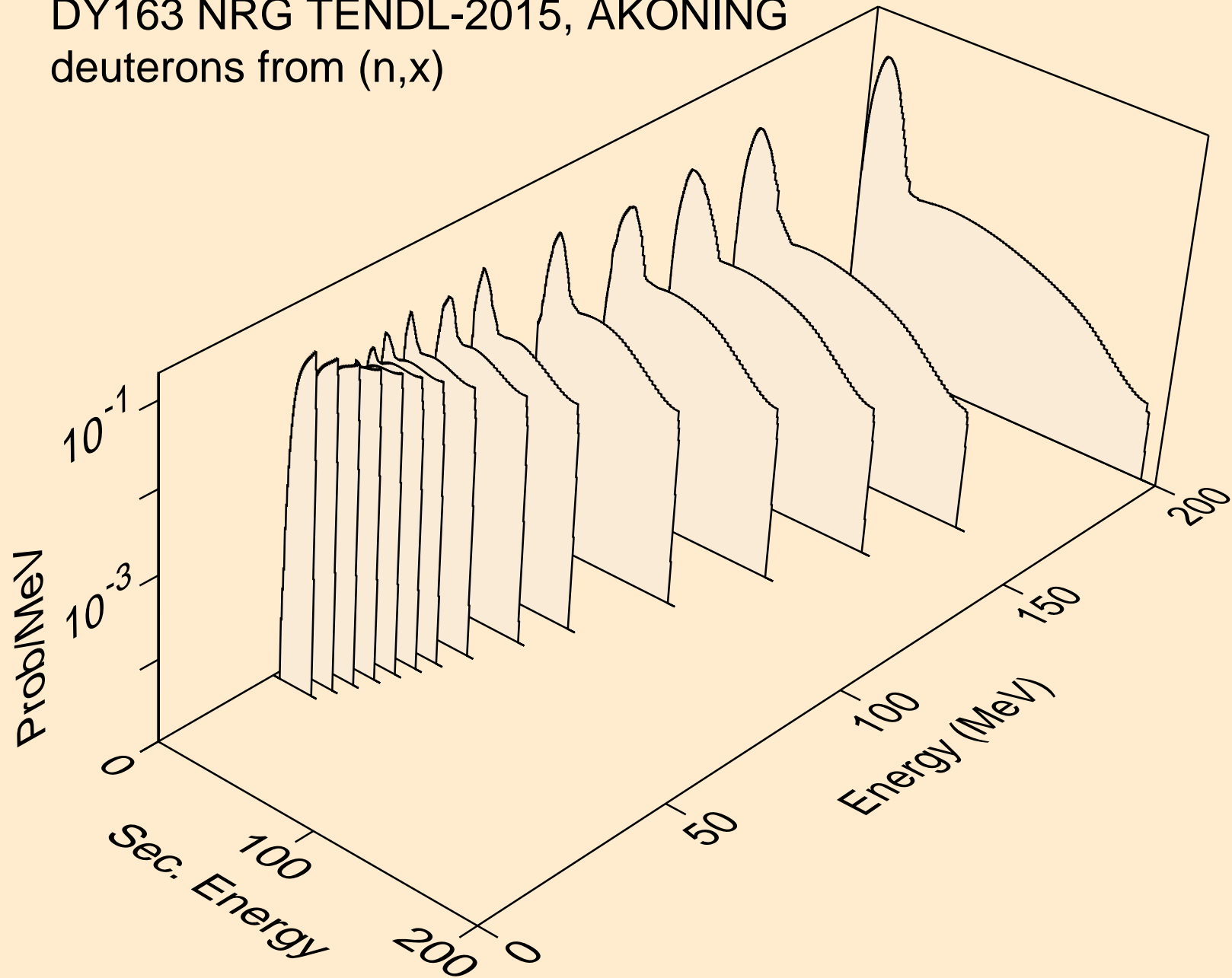
DY163 NRG TENDL-2015, AKONING  
protons from (n,pa)



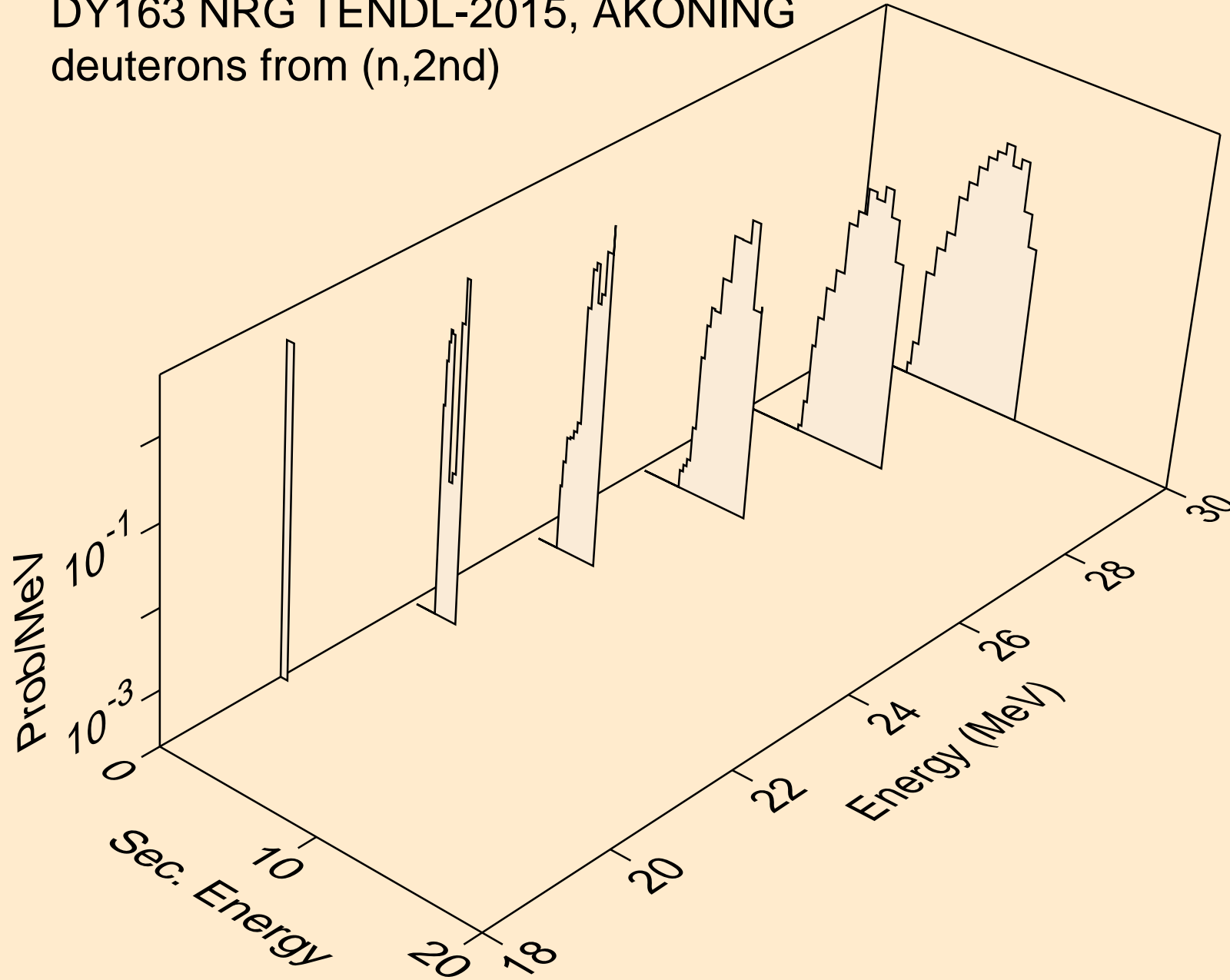
DY163 NRG TENDL-2015, AKONING  
protons from (n,pt)



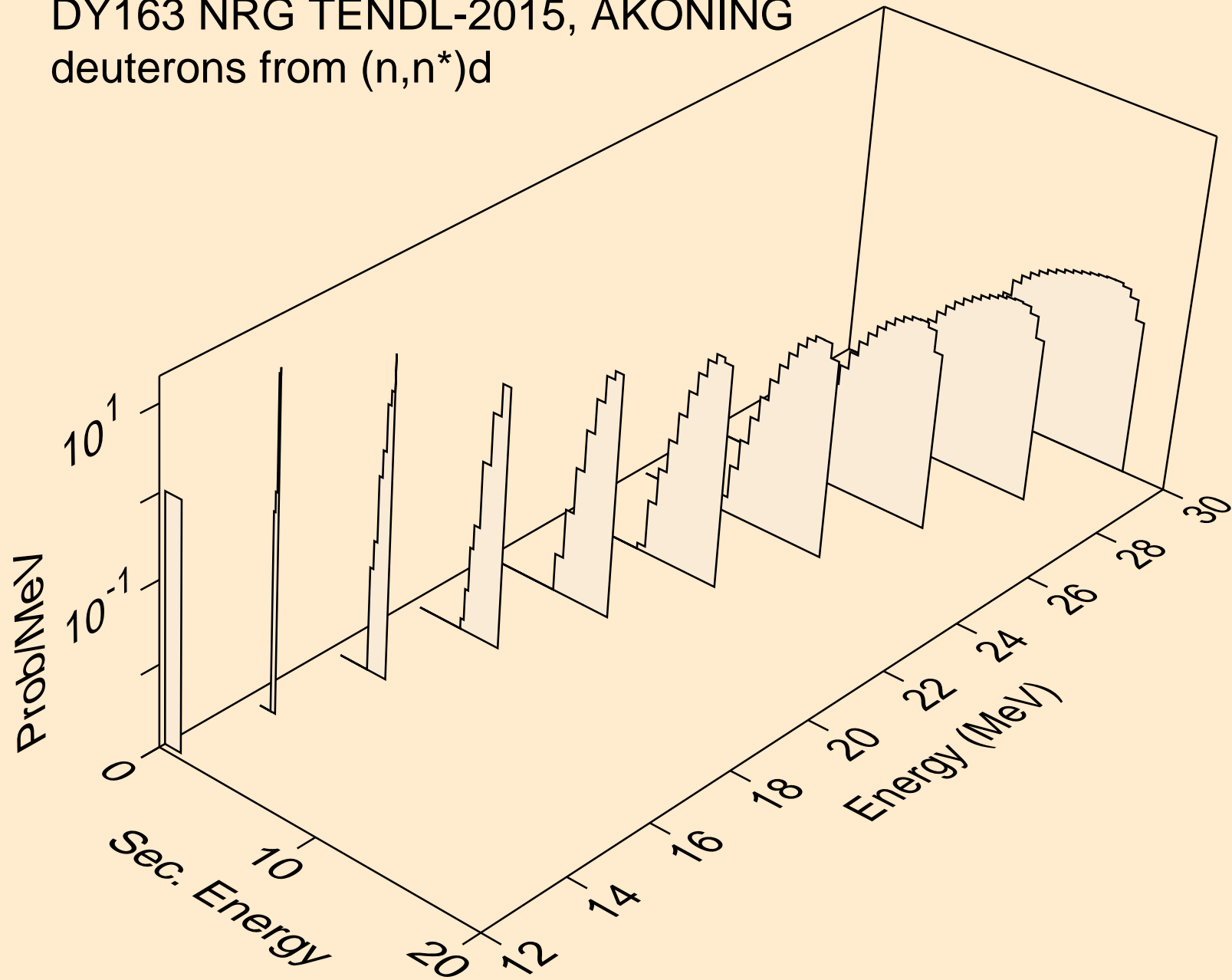
DY163 NRG TENDL-2015, AKONING  
deuterons from (n,x)



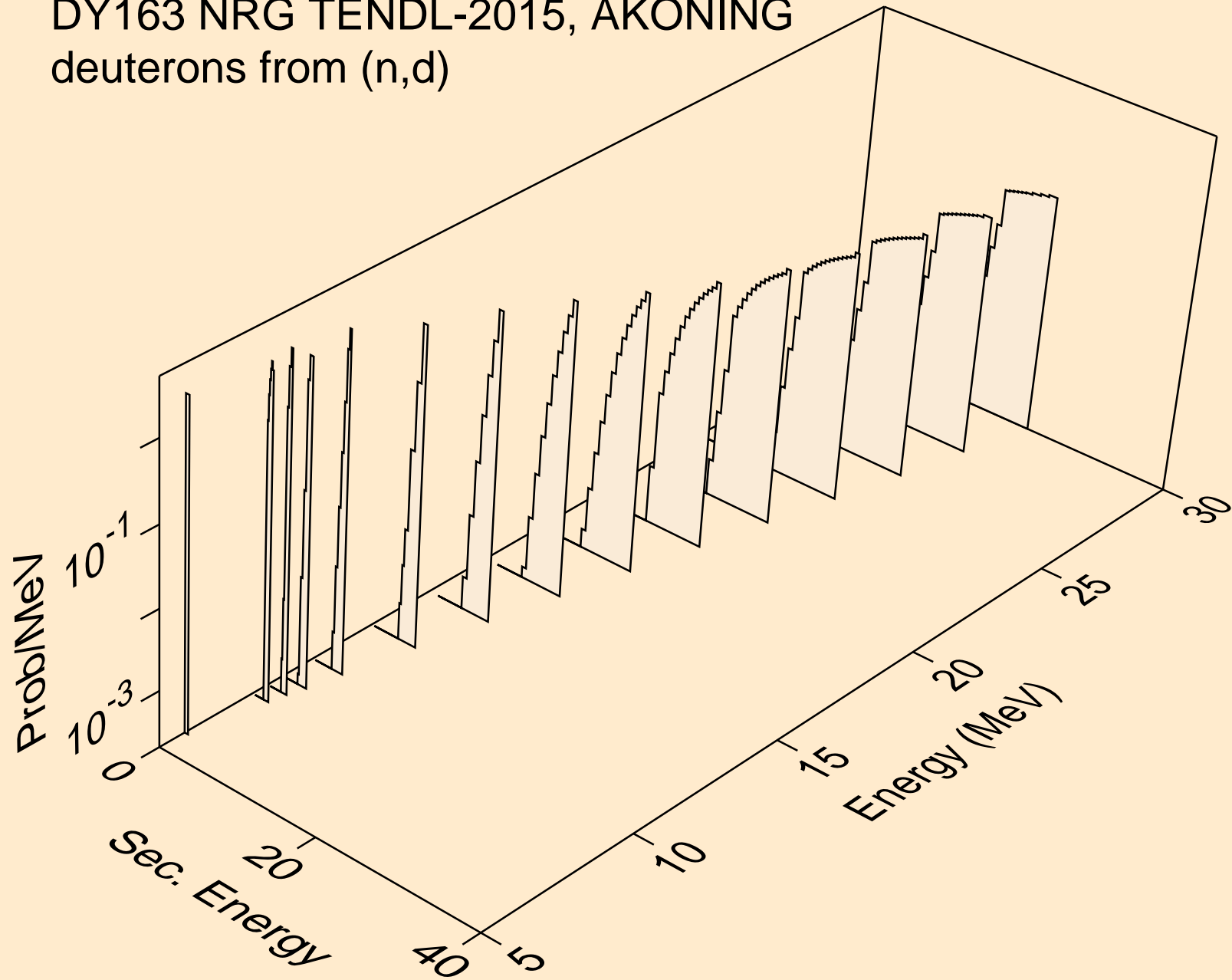
DY163 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



DY163 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

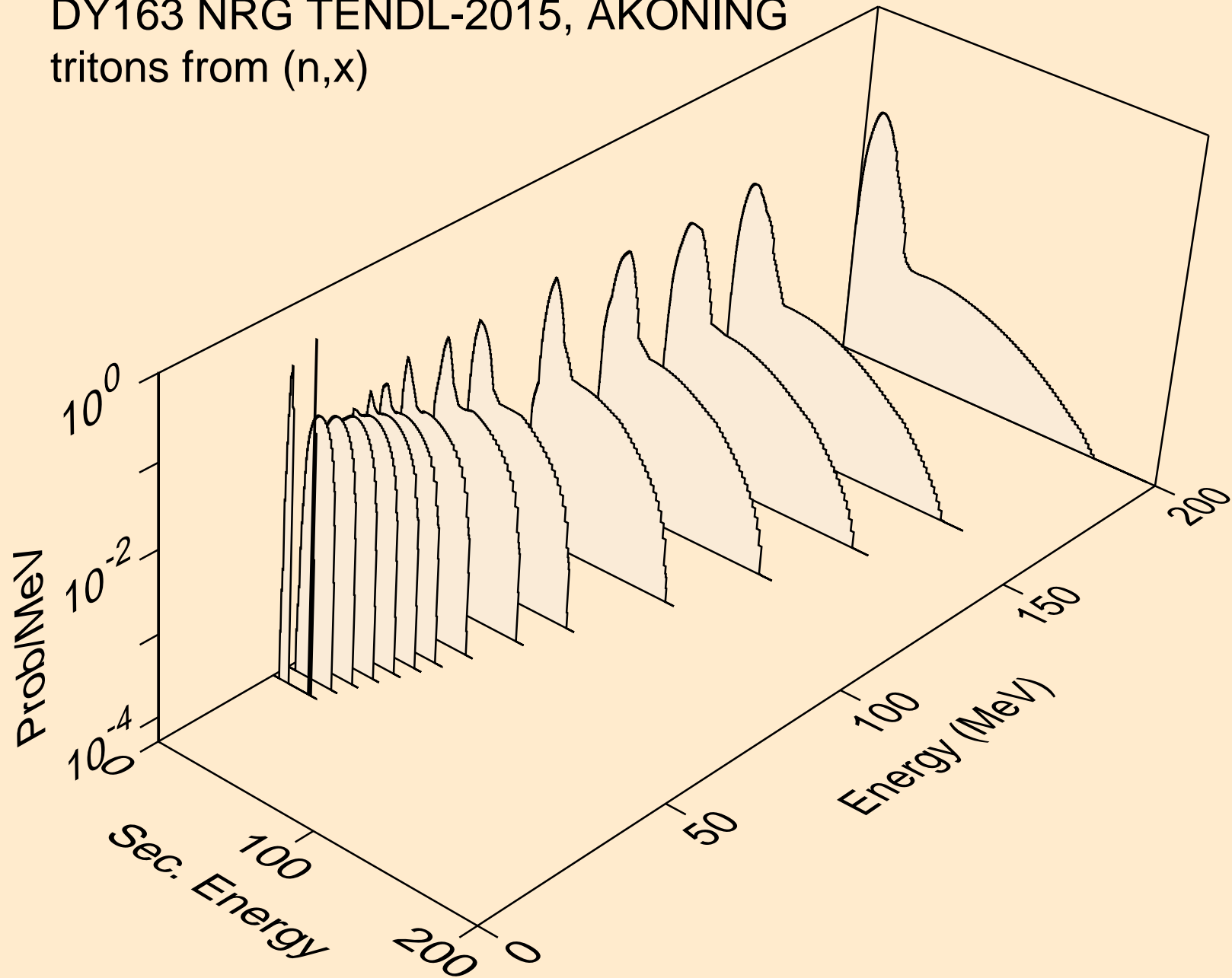


DY163 NRG TENDL-2015, AKONING  
deuterons from (n,d)

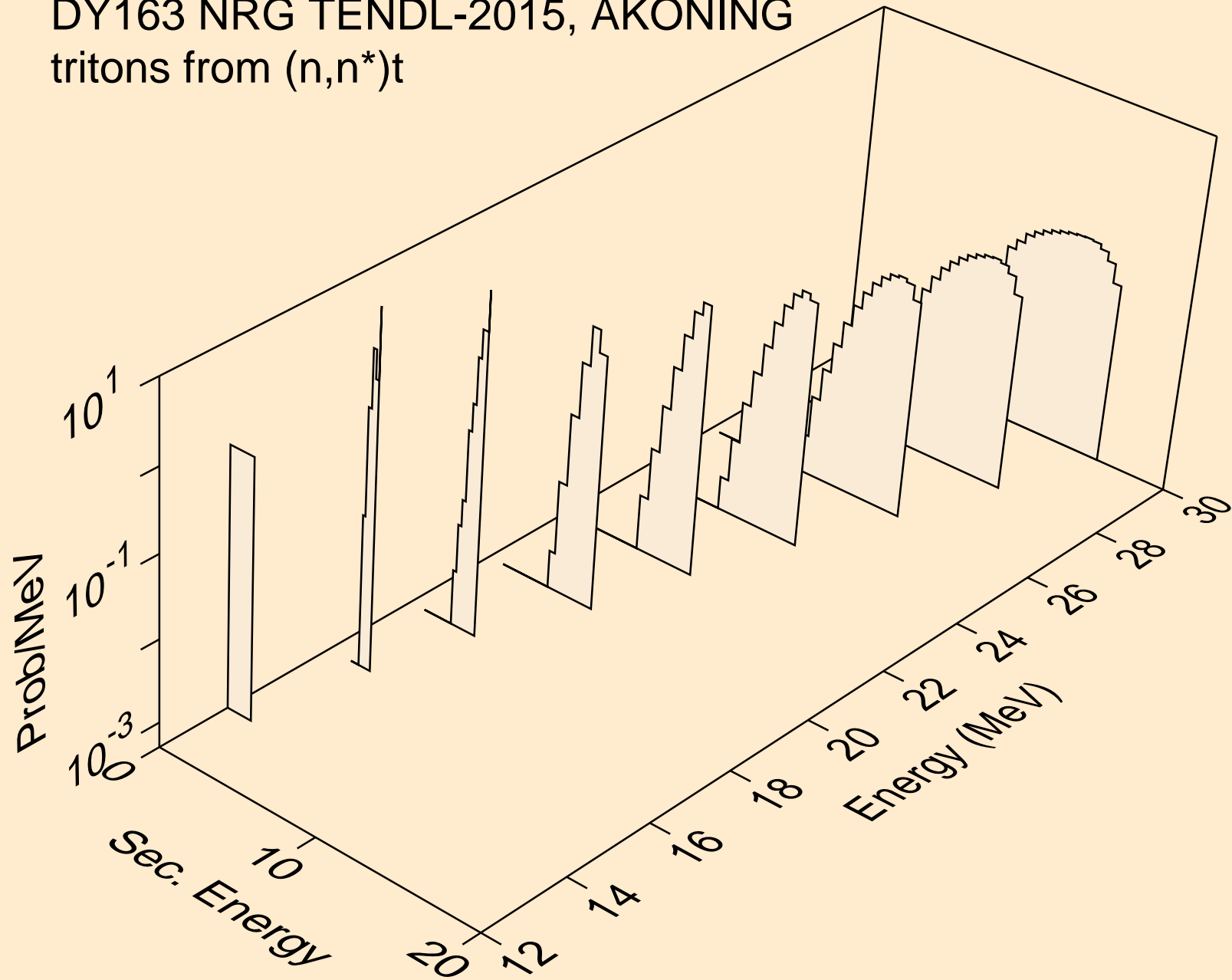




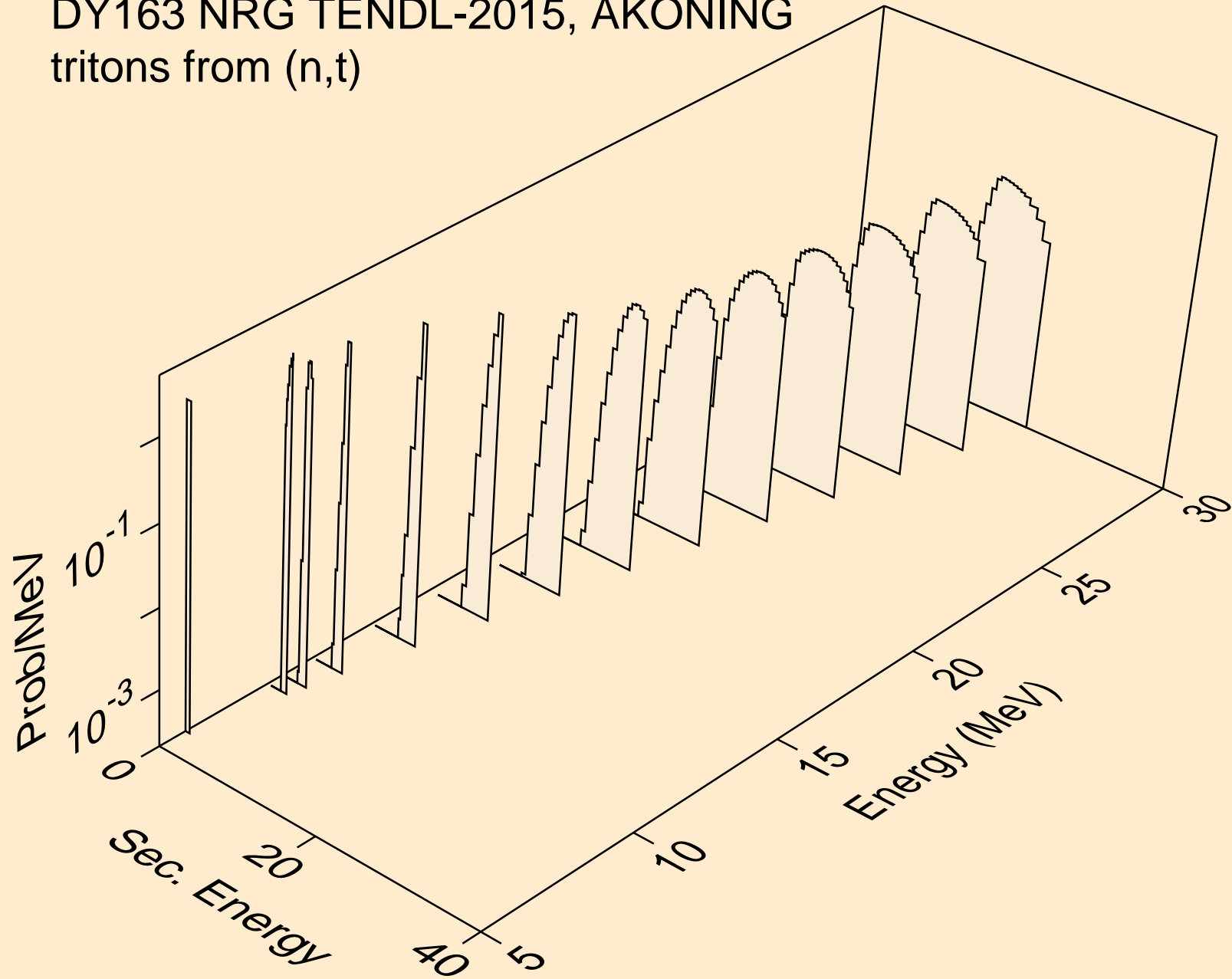
DY163 NRG TENDL-2015, AKONING  
tritons from (n,x)



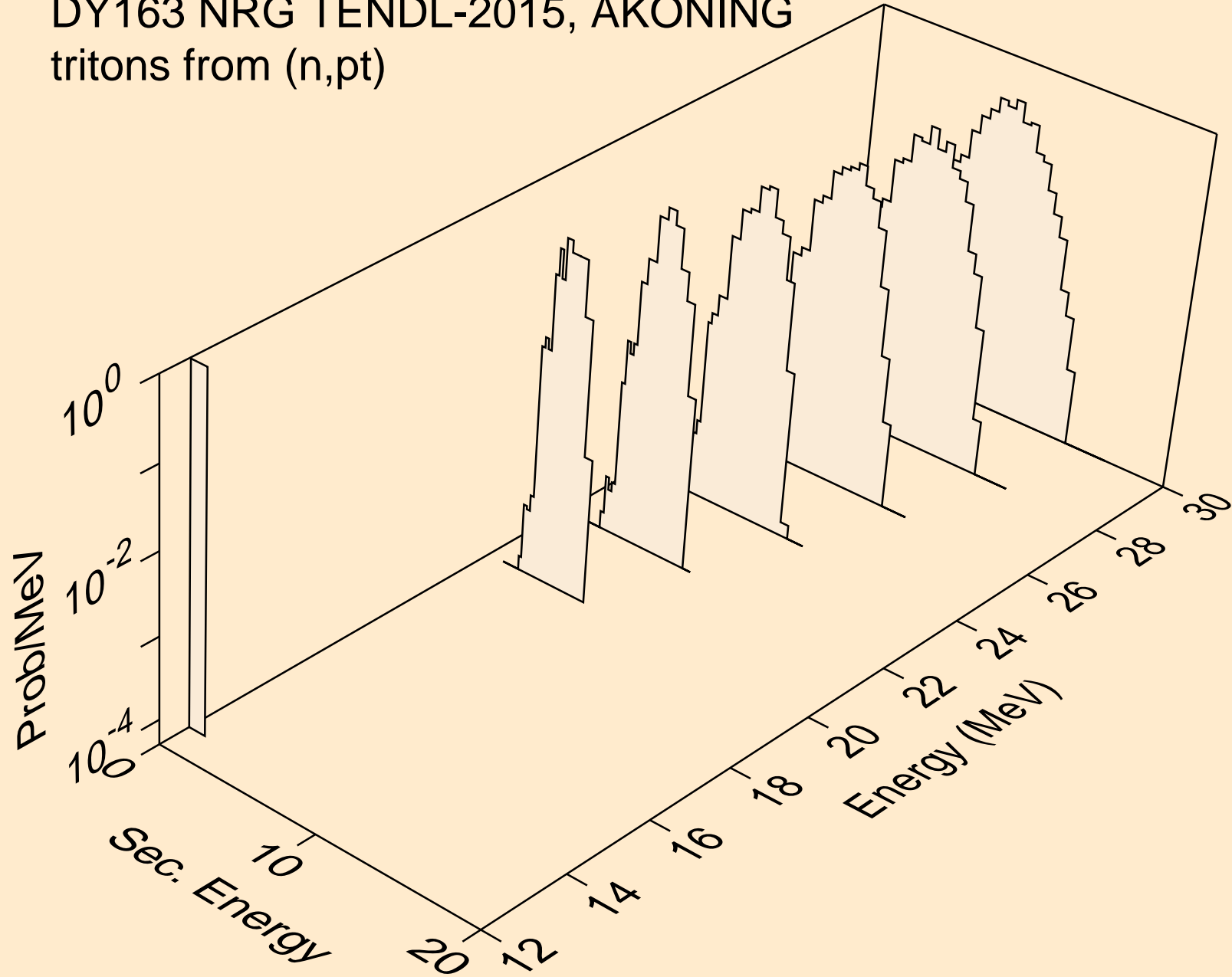
DY163 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



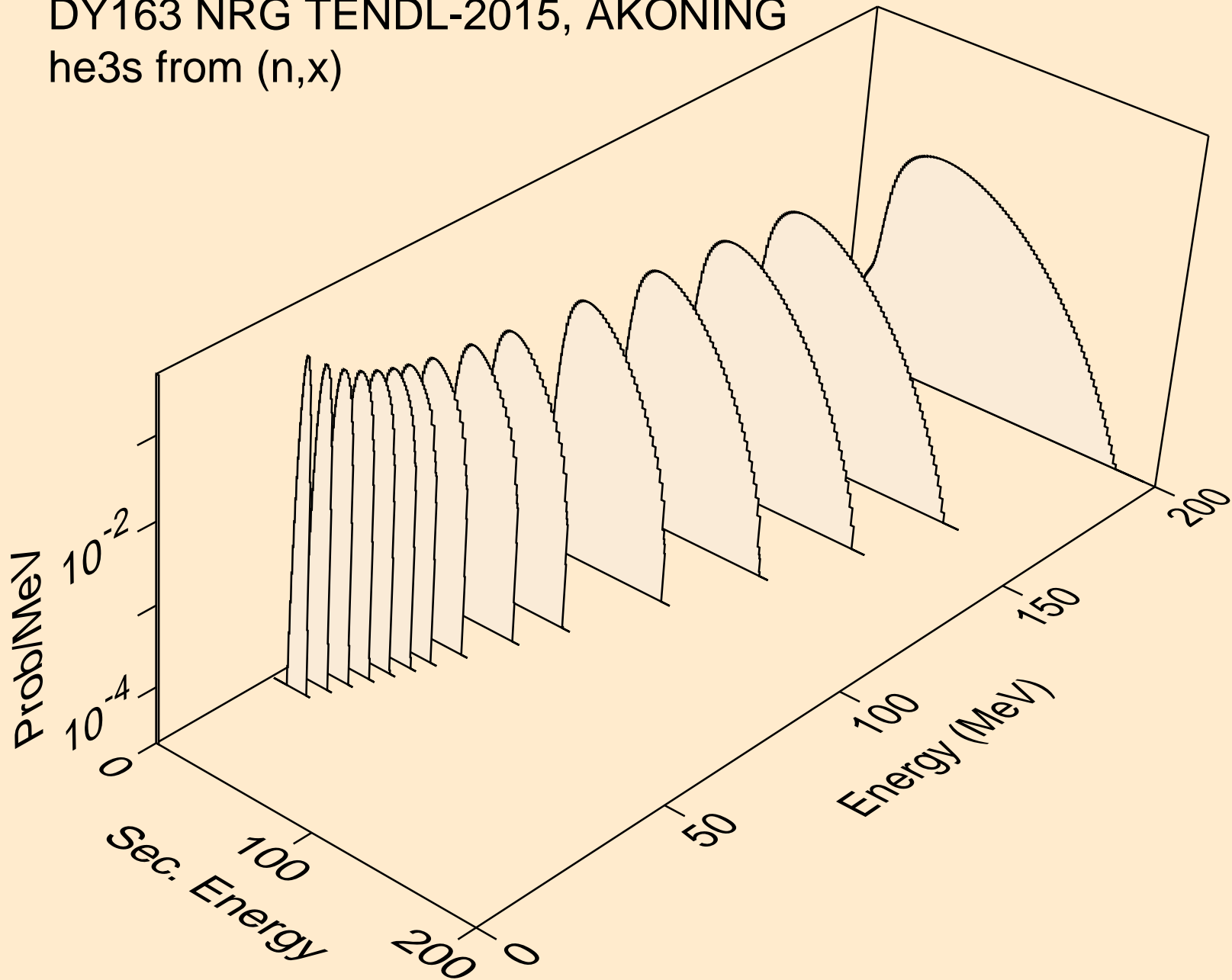
DY163 NRG TENDL-2015, AKONING  
tritons from (n,t)



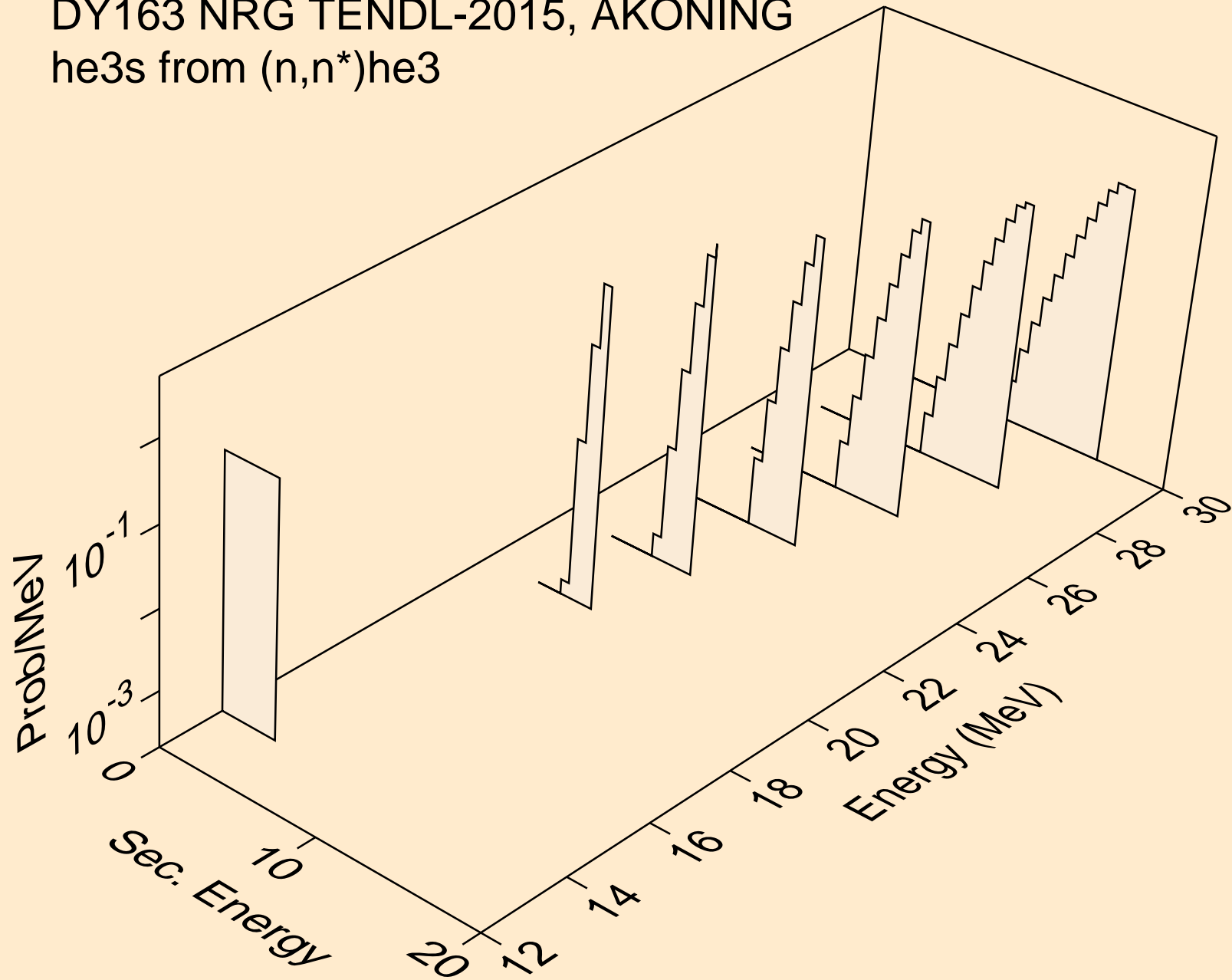
DY163 NRG TENDL-2015, AKONING  
tritons from (n,pt)



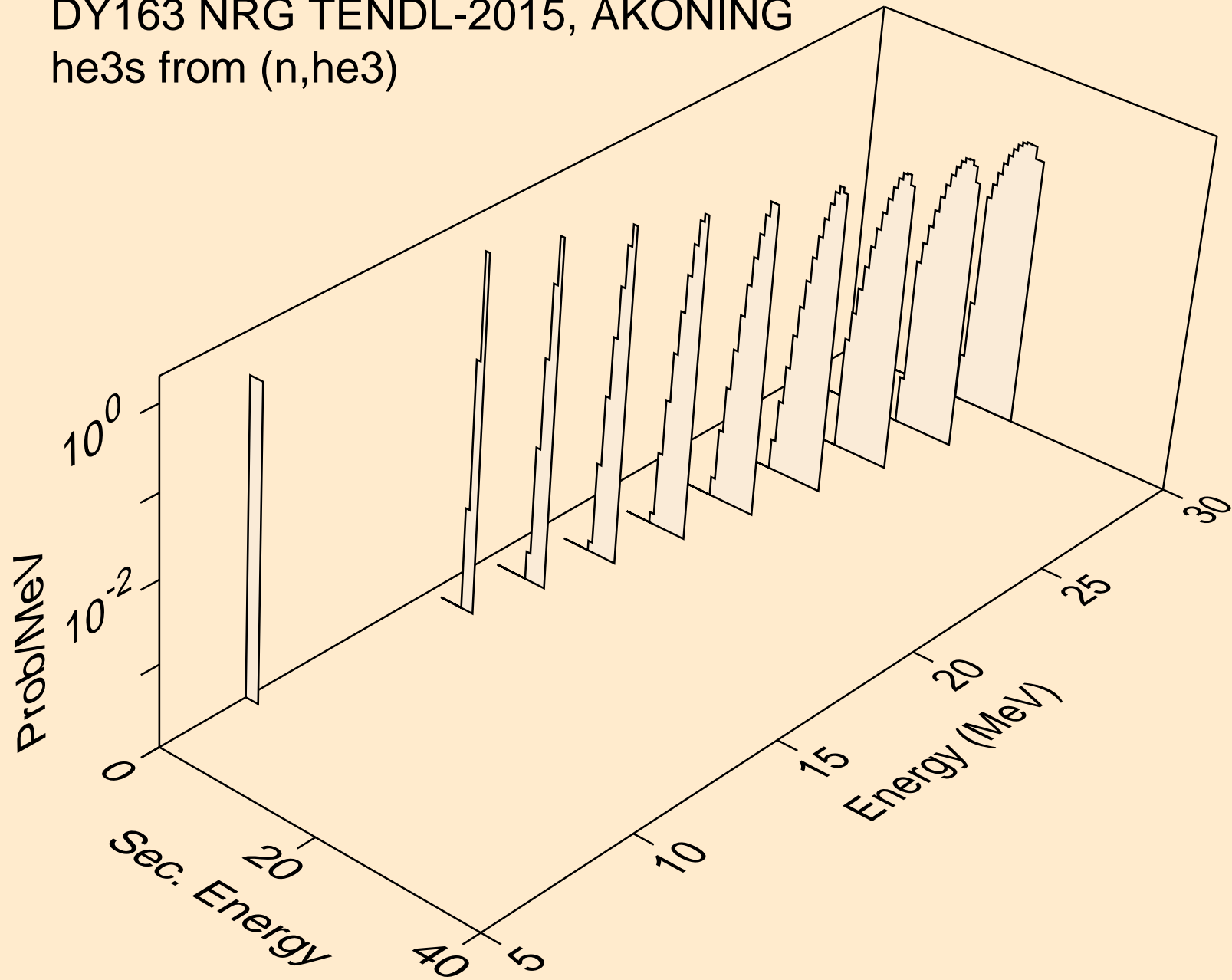
DY163 NRG TENDL-2015, AKONING  
he3s from (n,x)



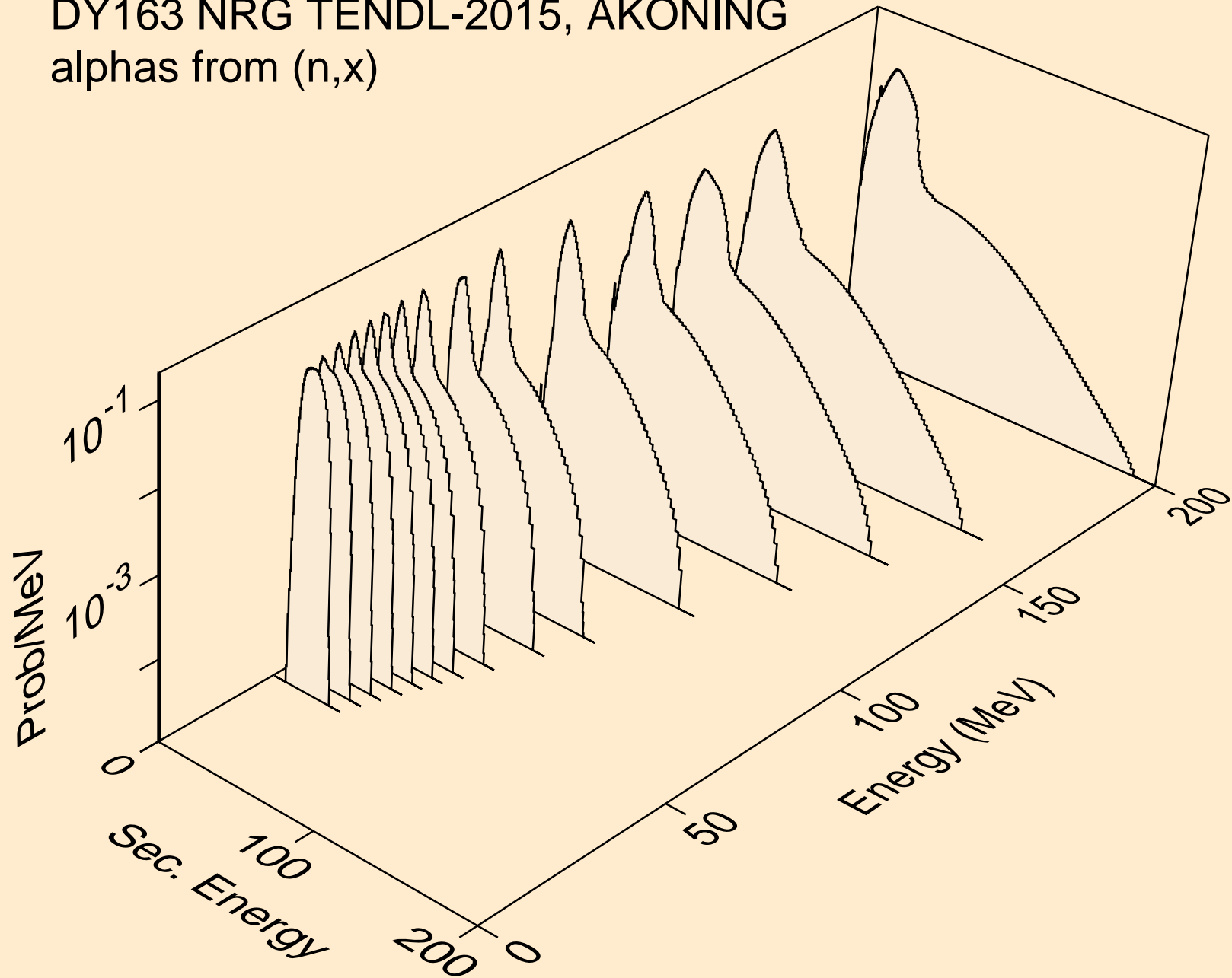
DY163 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



DY163 NRG TENDL-2015, AKONING  
he3s from (n,he3)

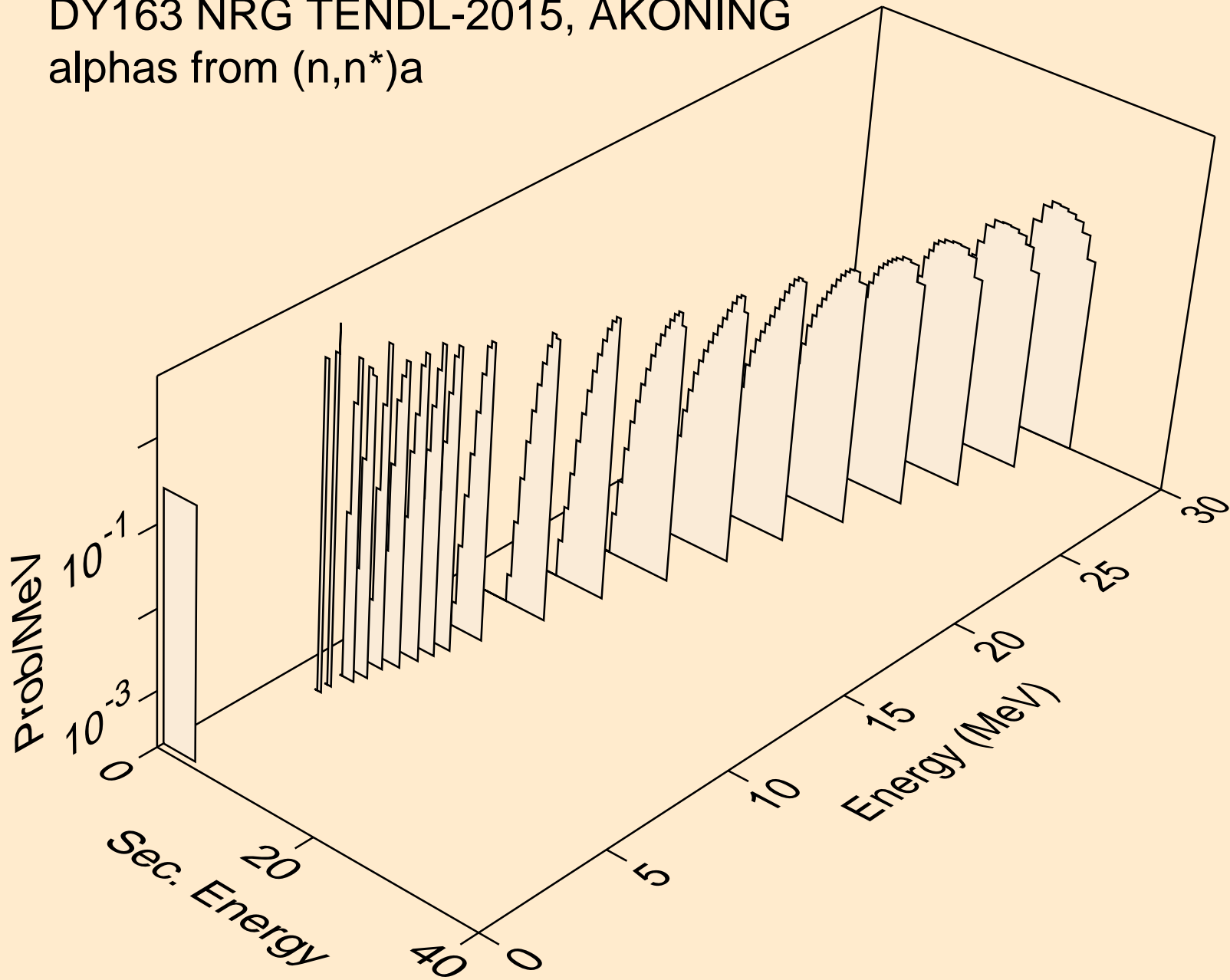


DY163 NRG TENDL-2015, AKONING  
alphas from (n,x)

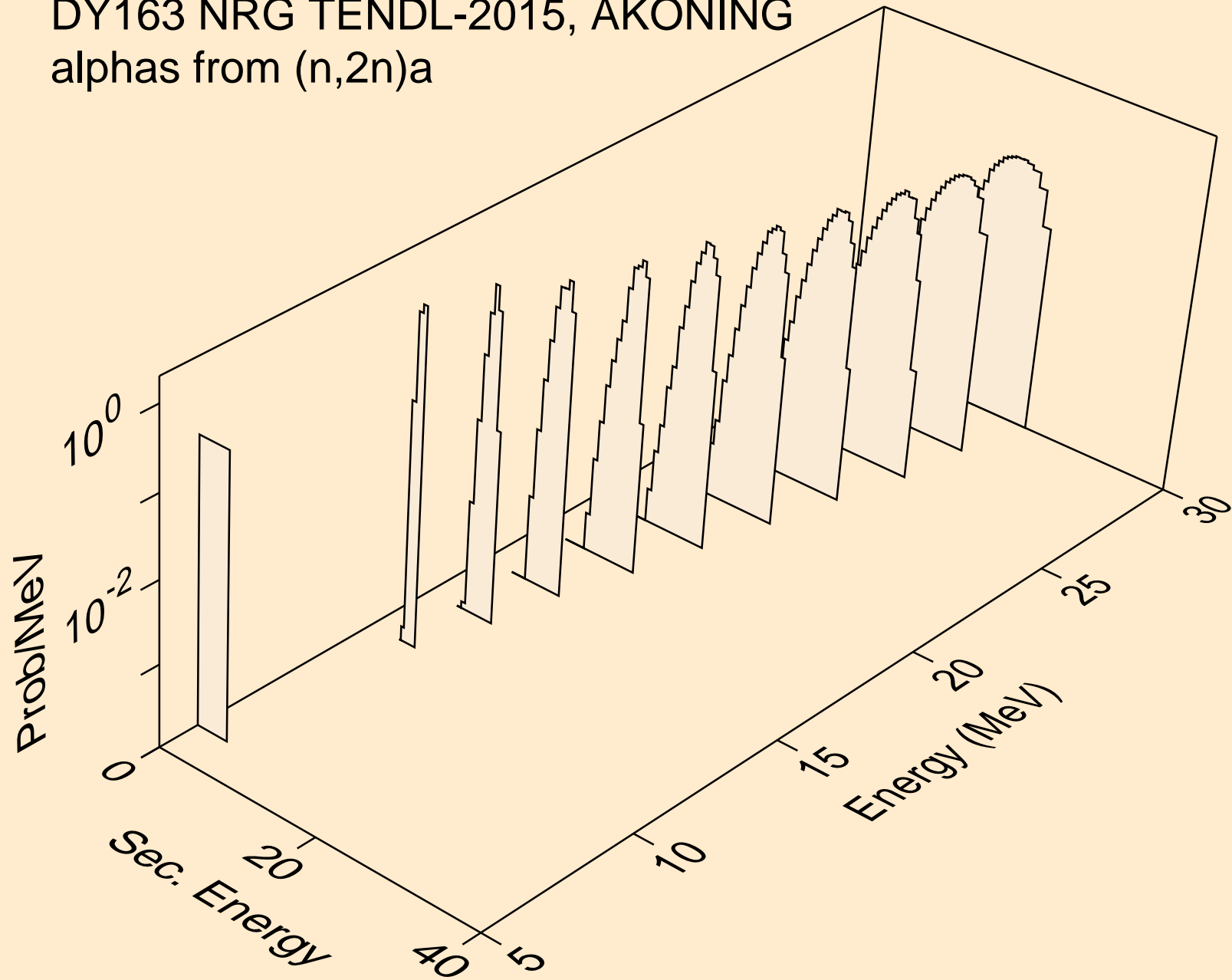




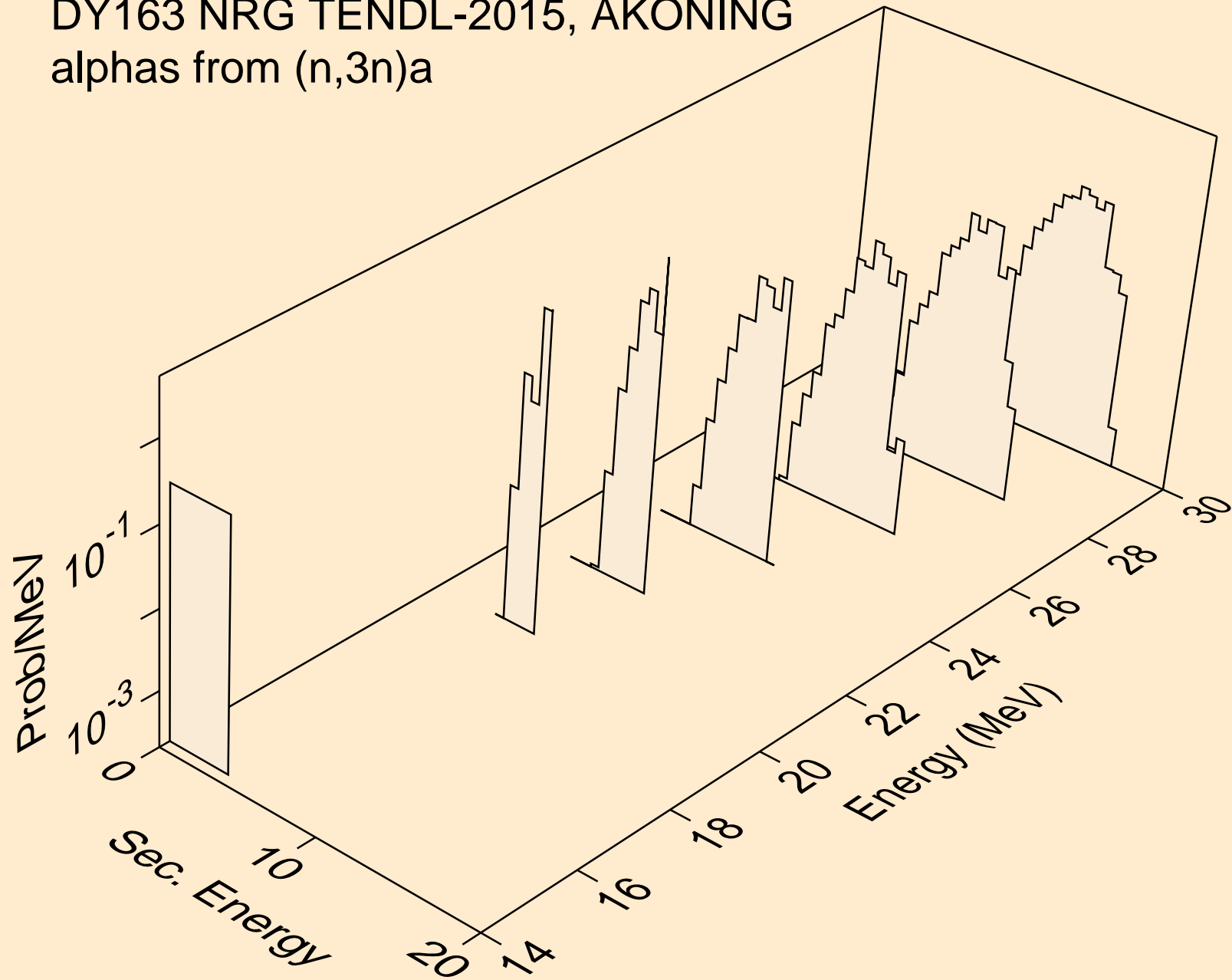
DY163 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



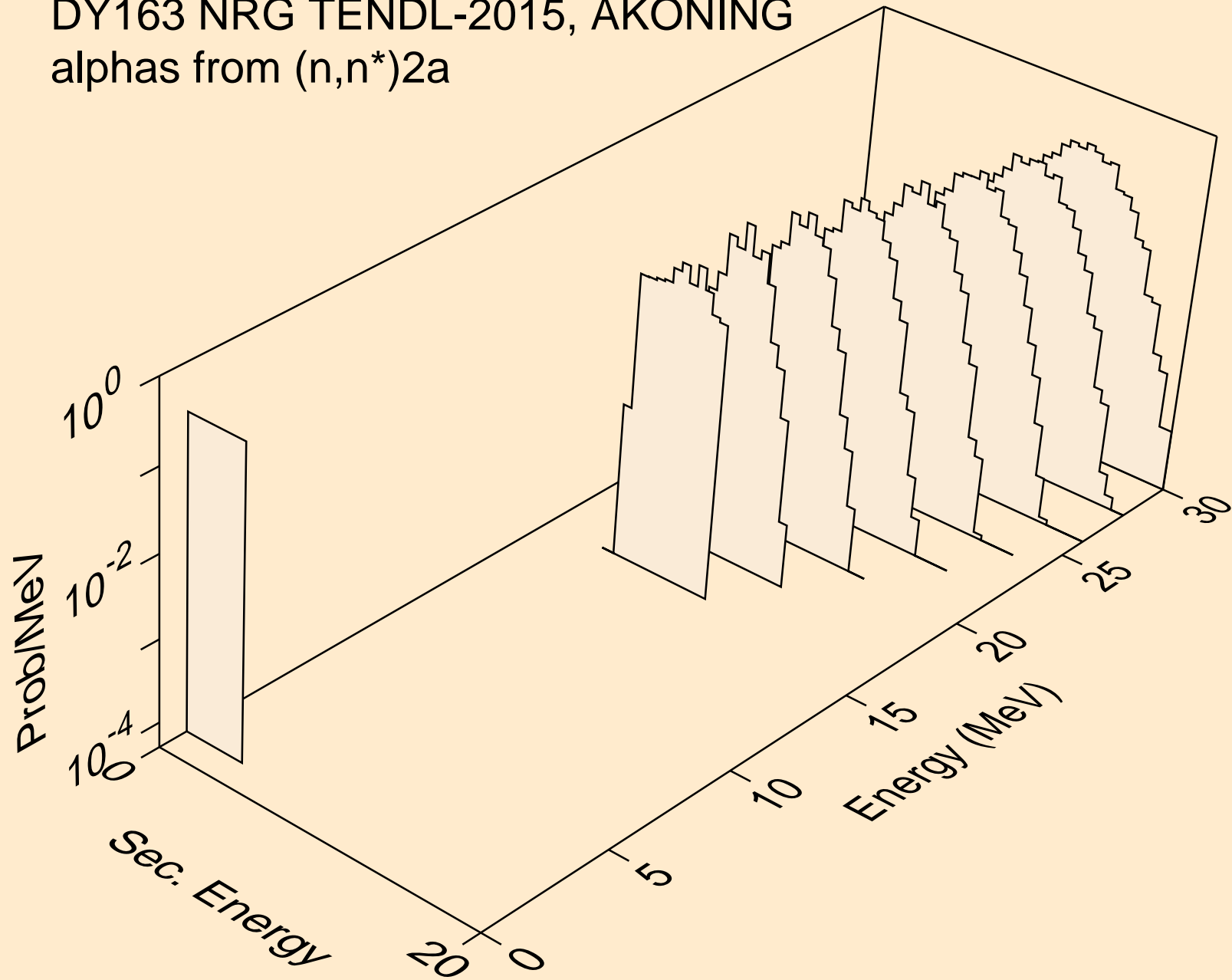
DY163 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



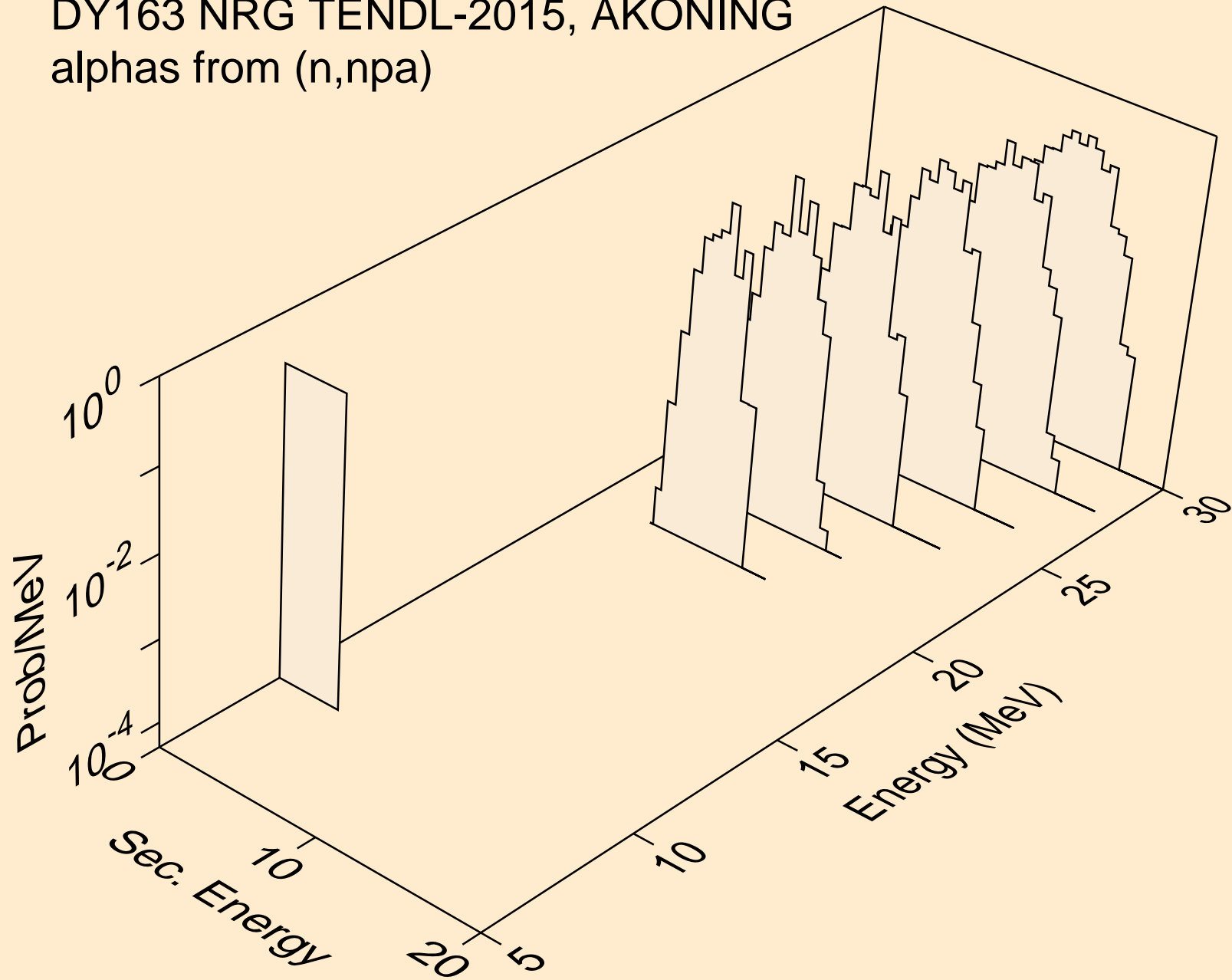
DY163 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



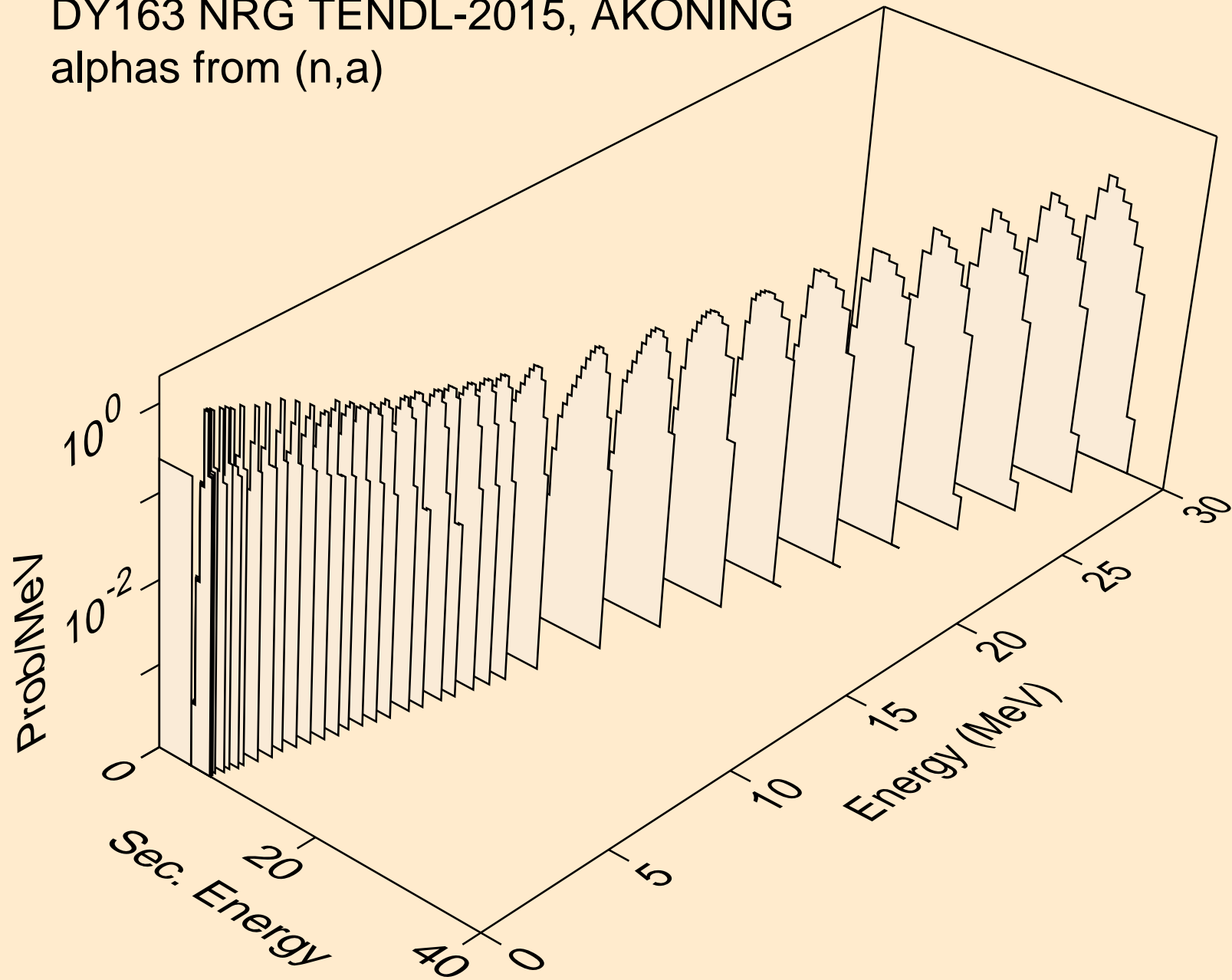
DY163 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



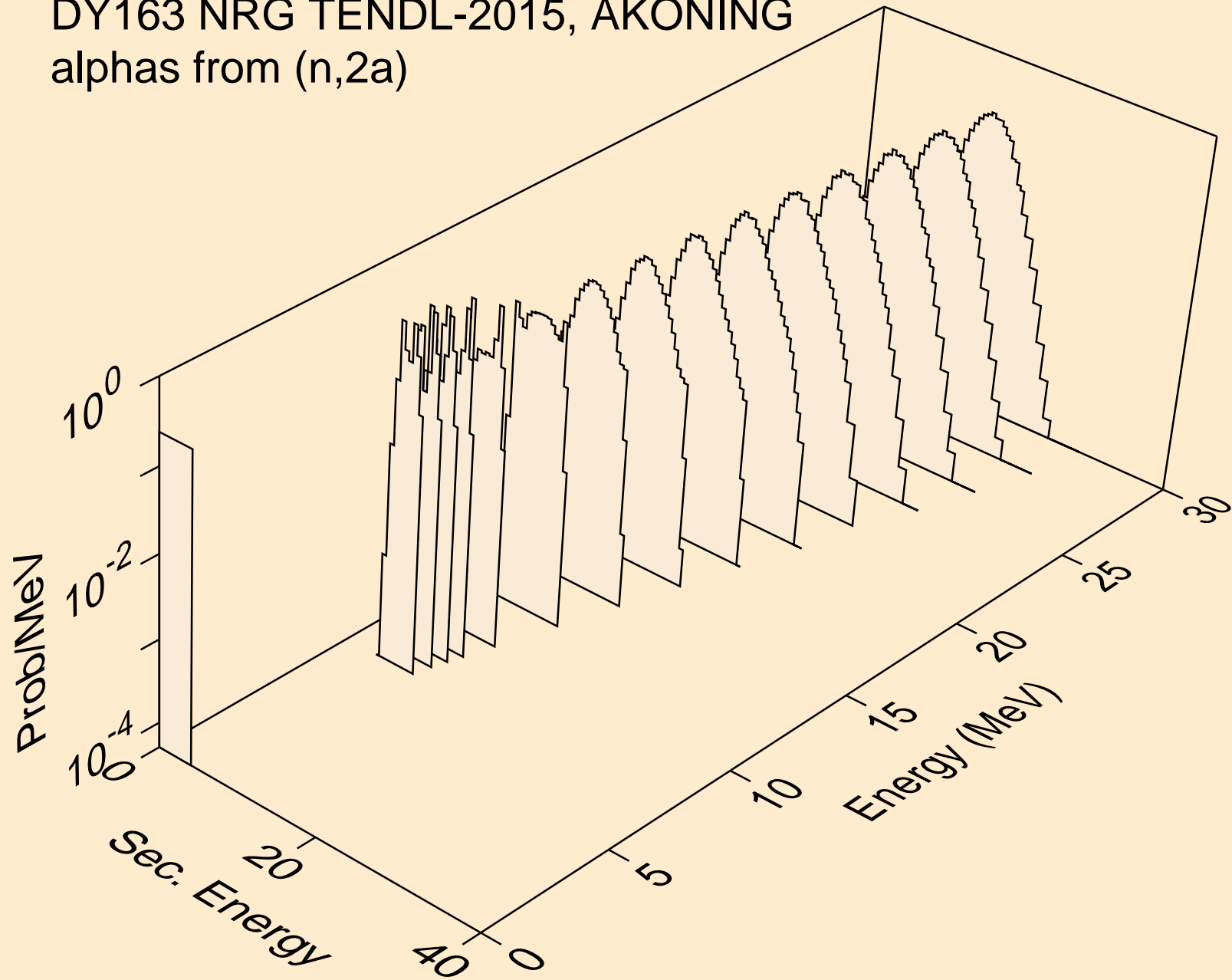
DY163 NRG TENDL-2015, AKONING  
alphas from (n,npa)



DY163 NRG TENDL-2015, AKONING  
alphas from (n,a)



DY163 NRG TENDL-2015, AKONING  
alphas from (n,2a)



DY163 NRG TENDL-2015, AKONING  
alphas from (n,pa)

