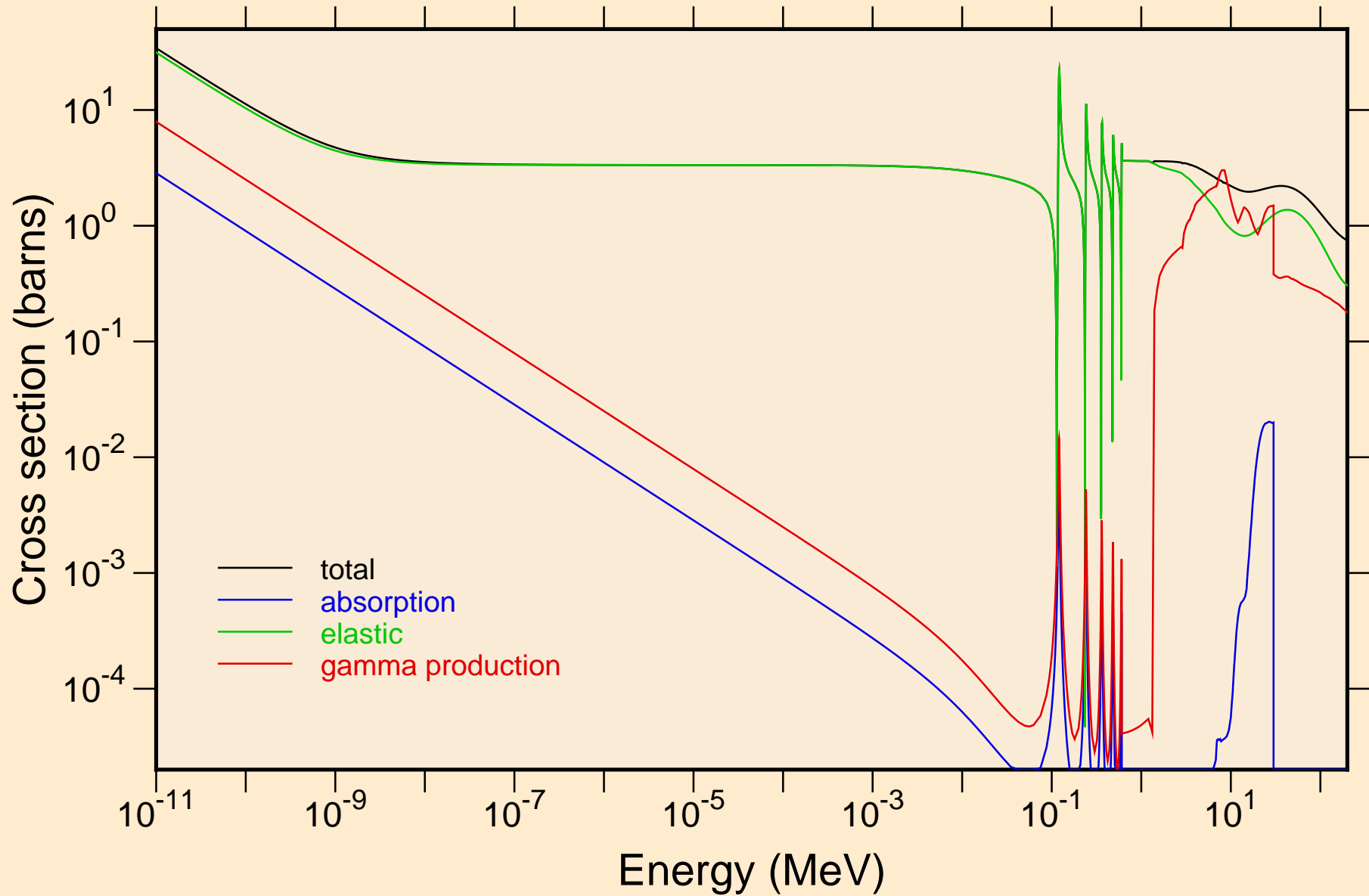
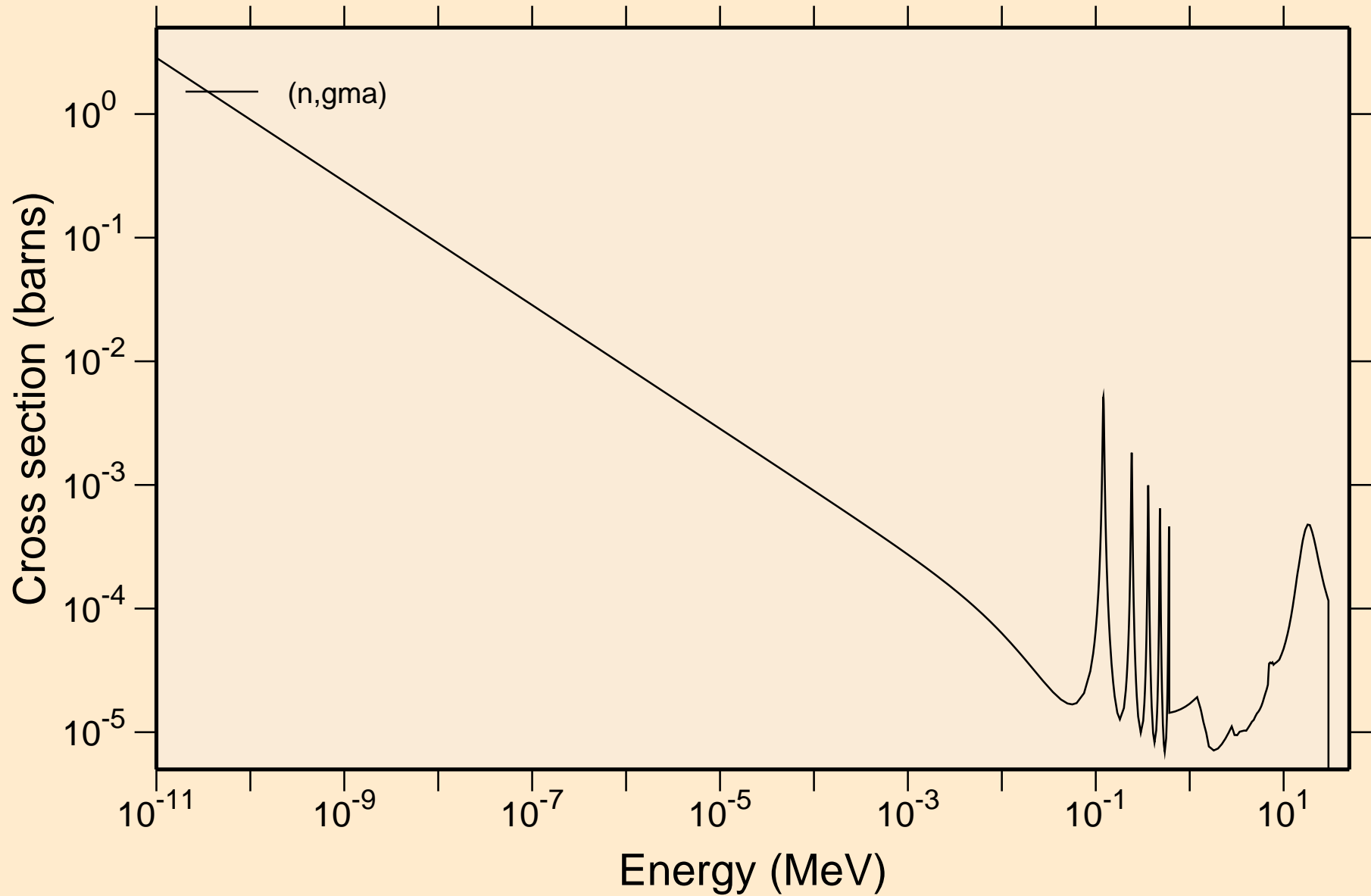


# S038 NRG TENDL-2015, AKONING

## Principal cross sections

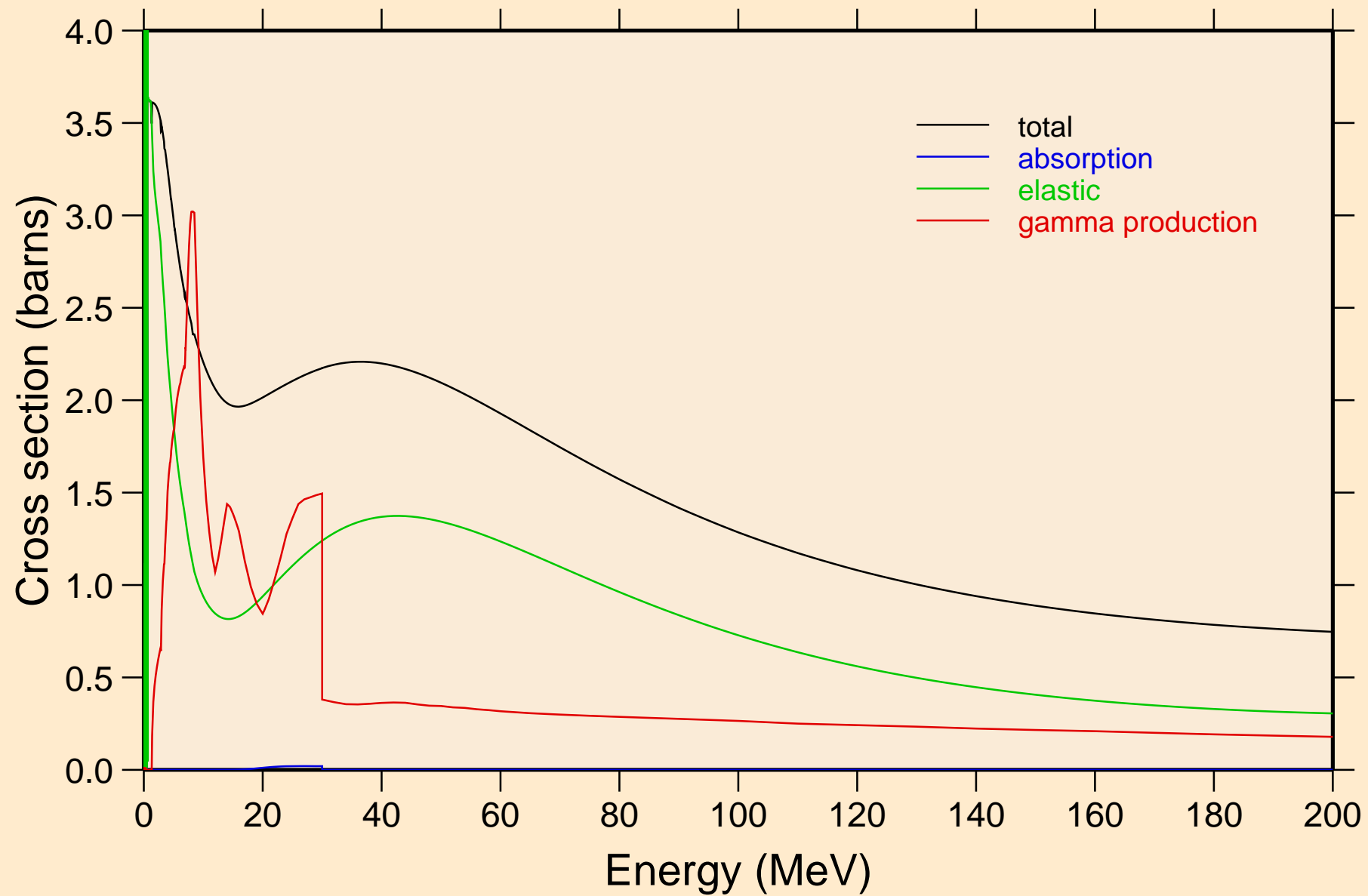


S038 NRG TENDL-2015, AKONING  
Non-threshold reactions

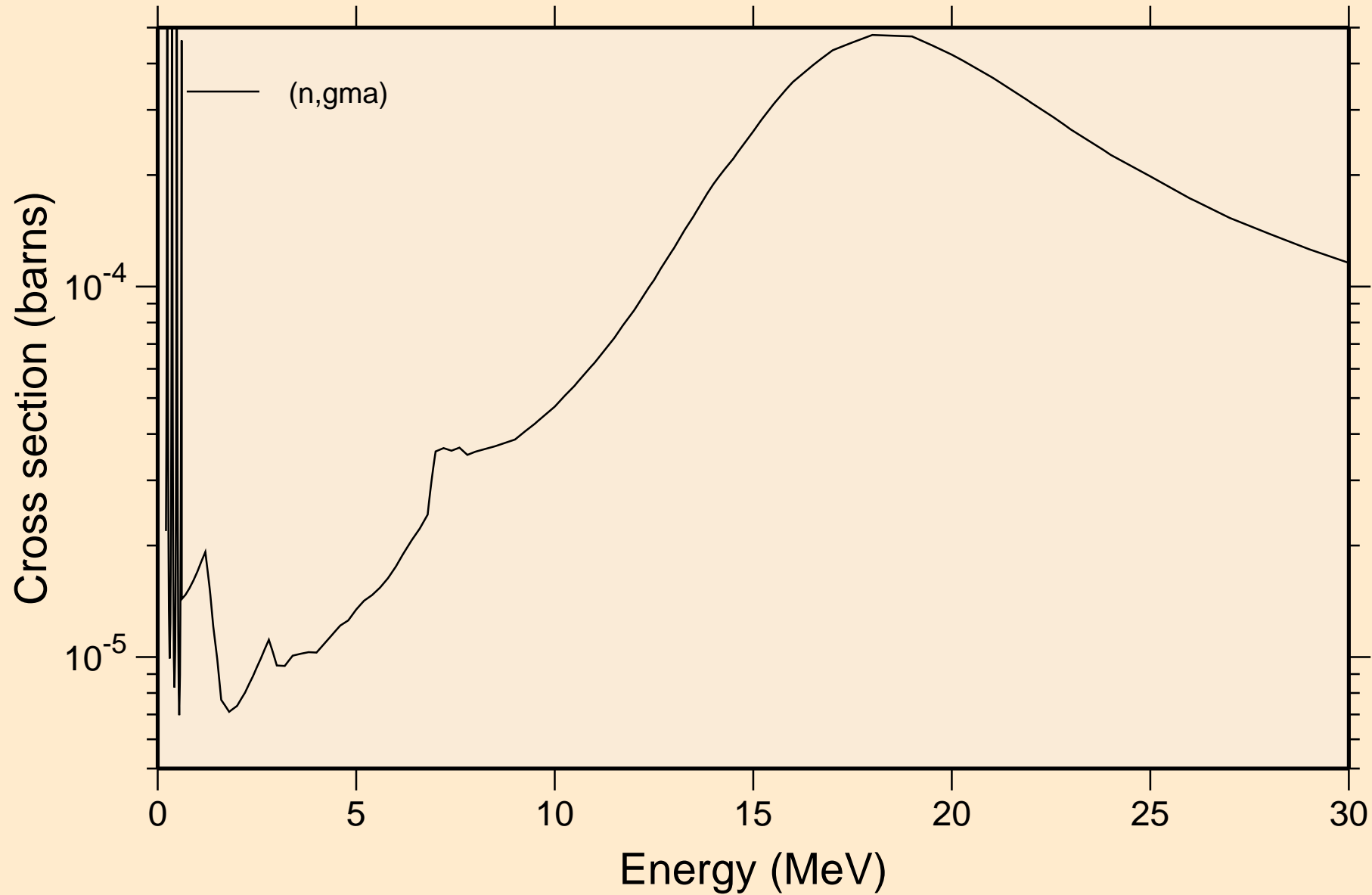


# S038 NRG TENDL-2015, AKONING

## Principal cross sections

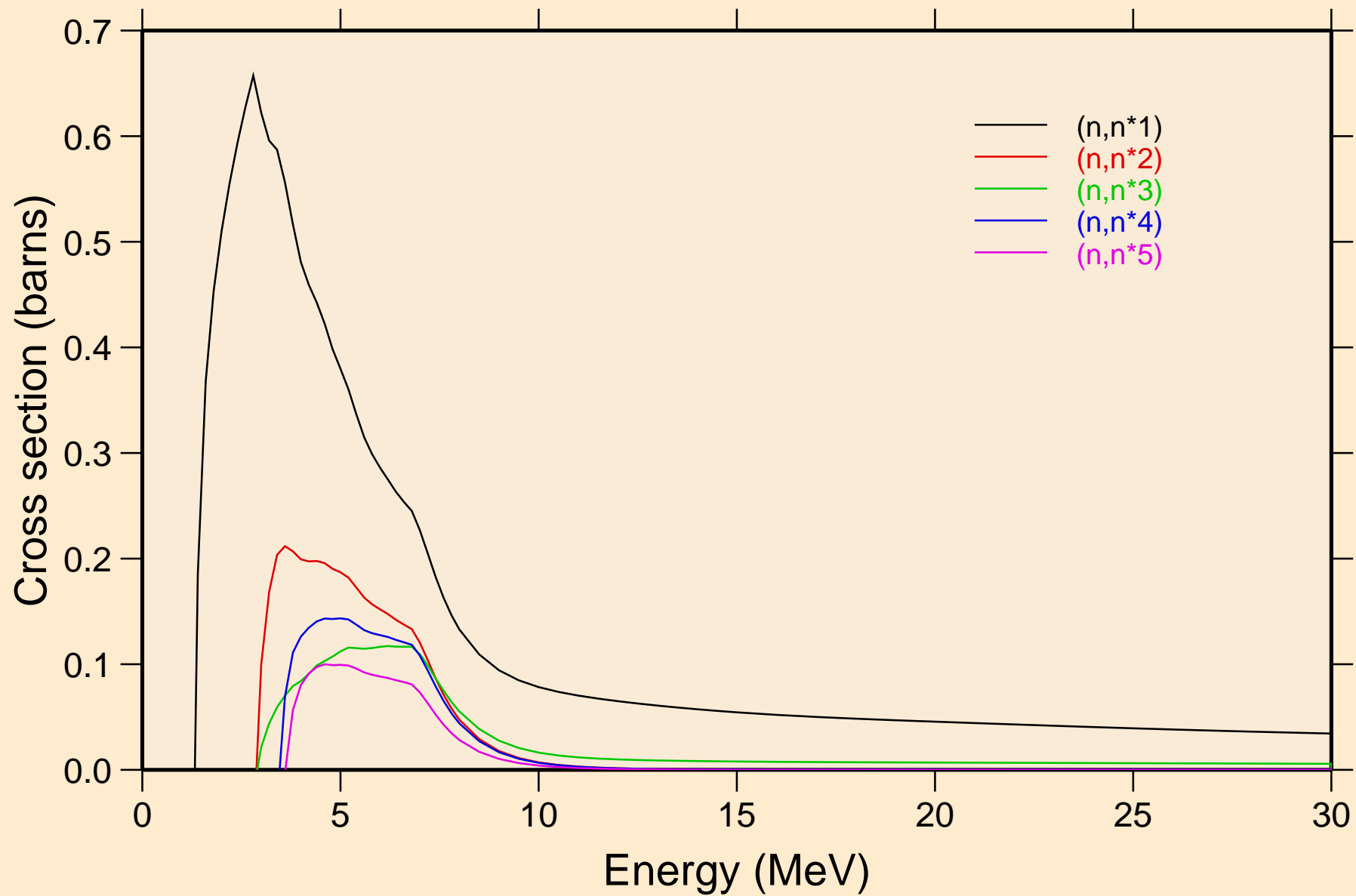


S038 NRG TENDL-2015, AKONING  
Non-threshold reactions



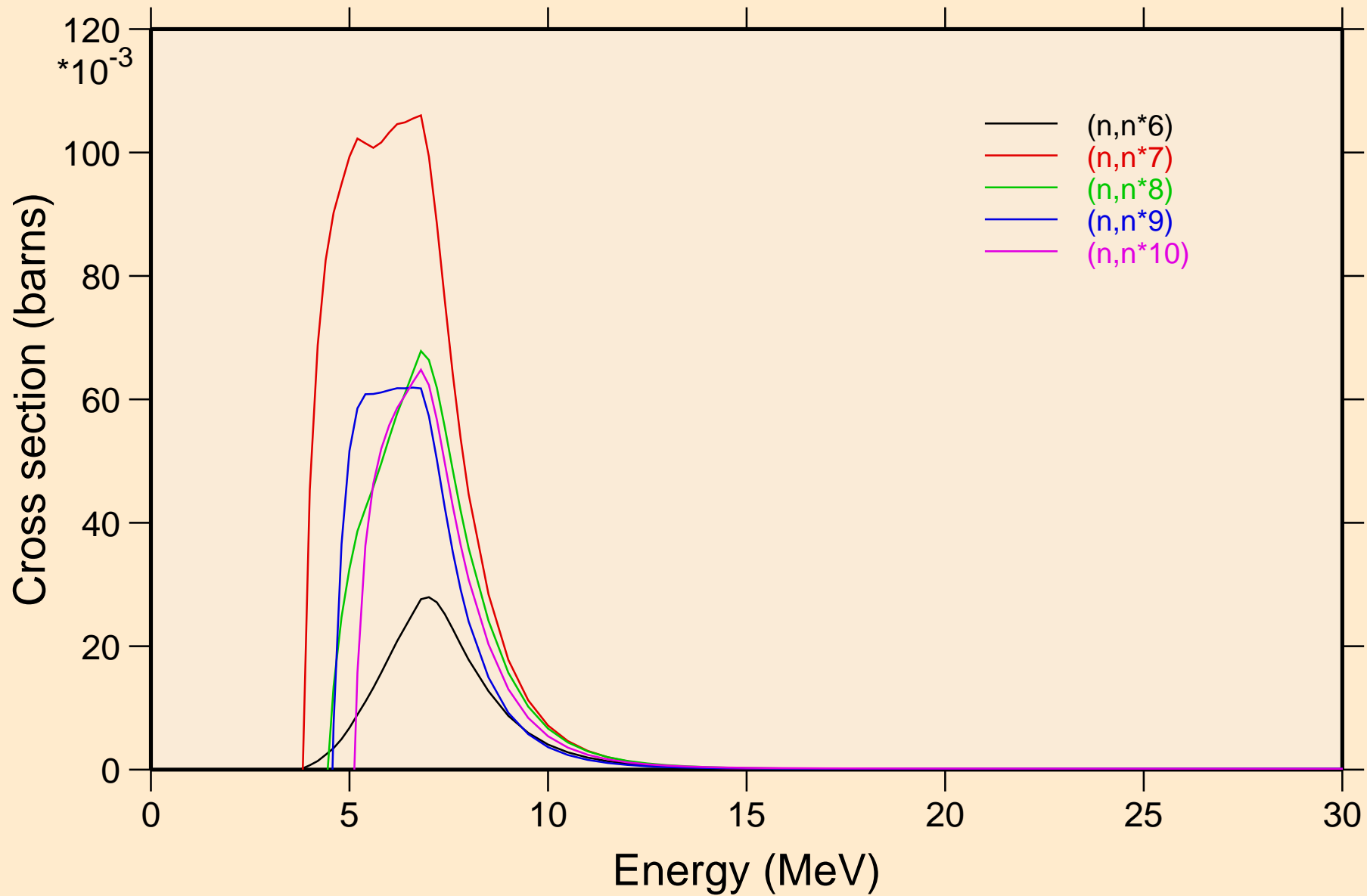
# S038 NRG TENDL-2015, AKONING

## Inelastic levels



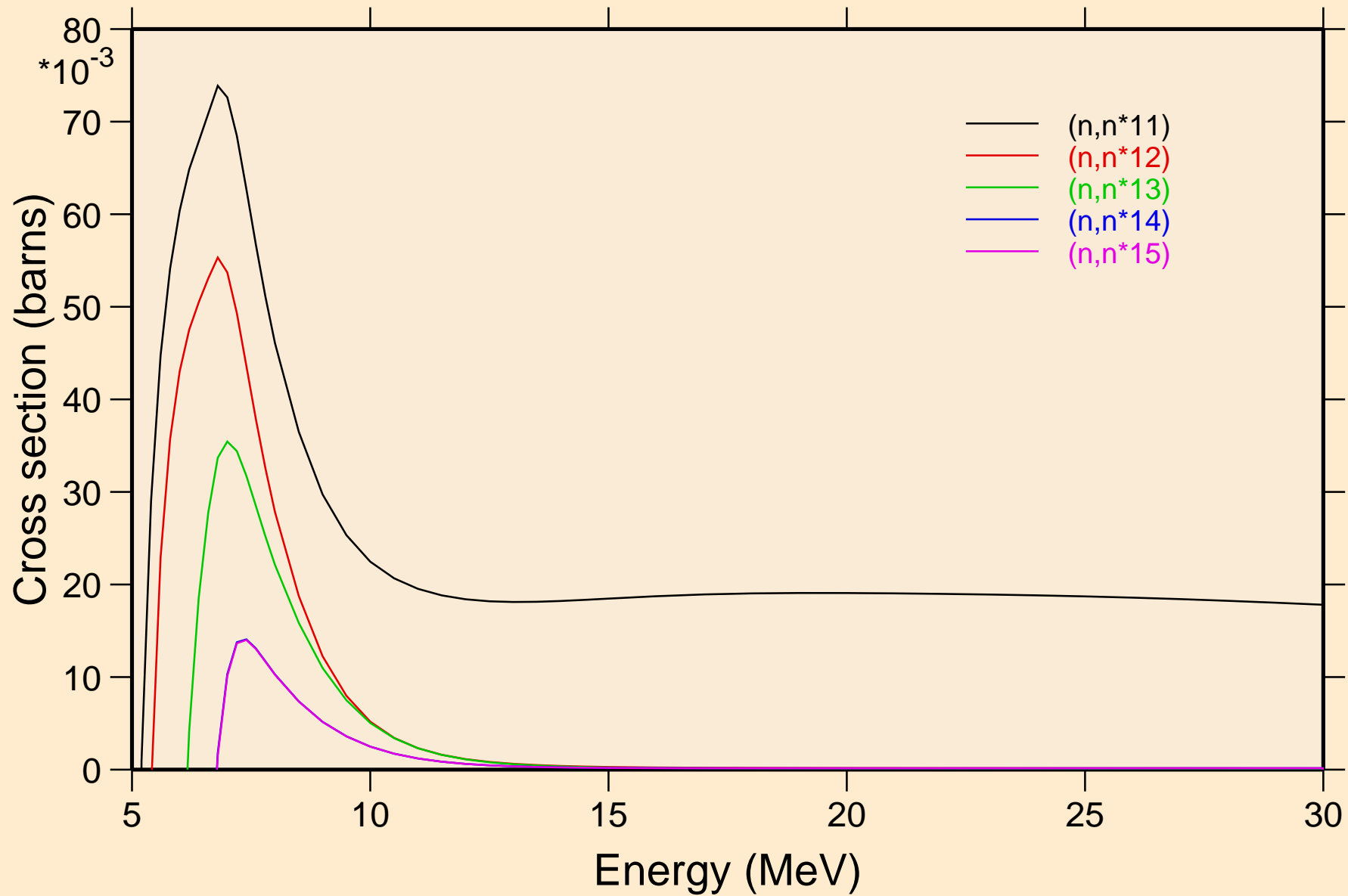
# S038 NRG TENDL-2015, AKONING

## Inelastic levels



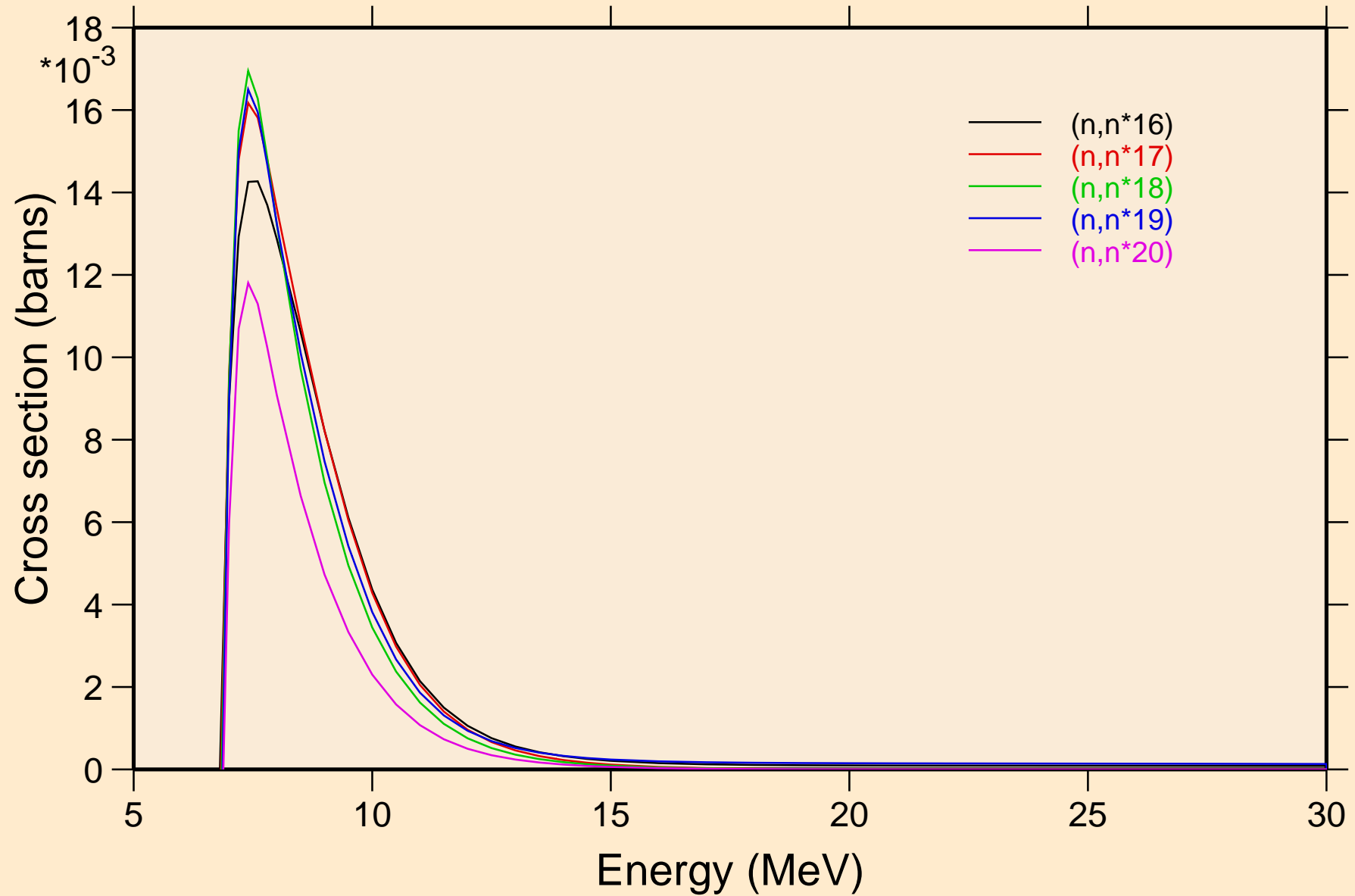
# S038 NRG TENDL-2015, AKONING

## Inelastic levels



# S038 NRG TENDL-2015, AKONING

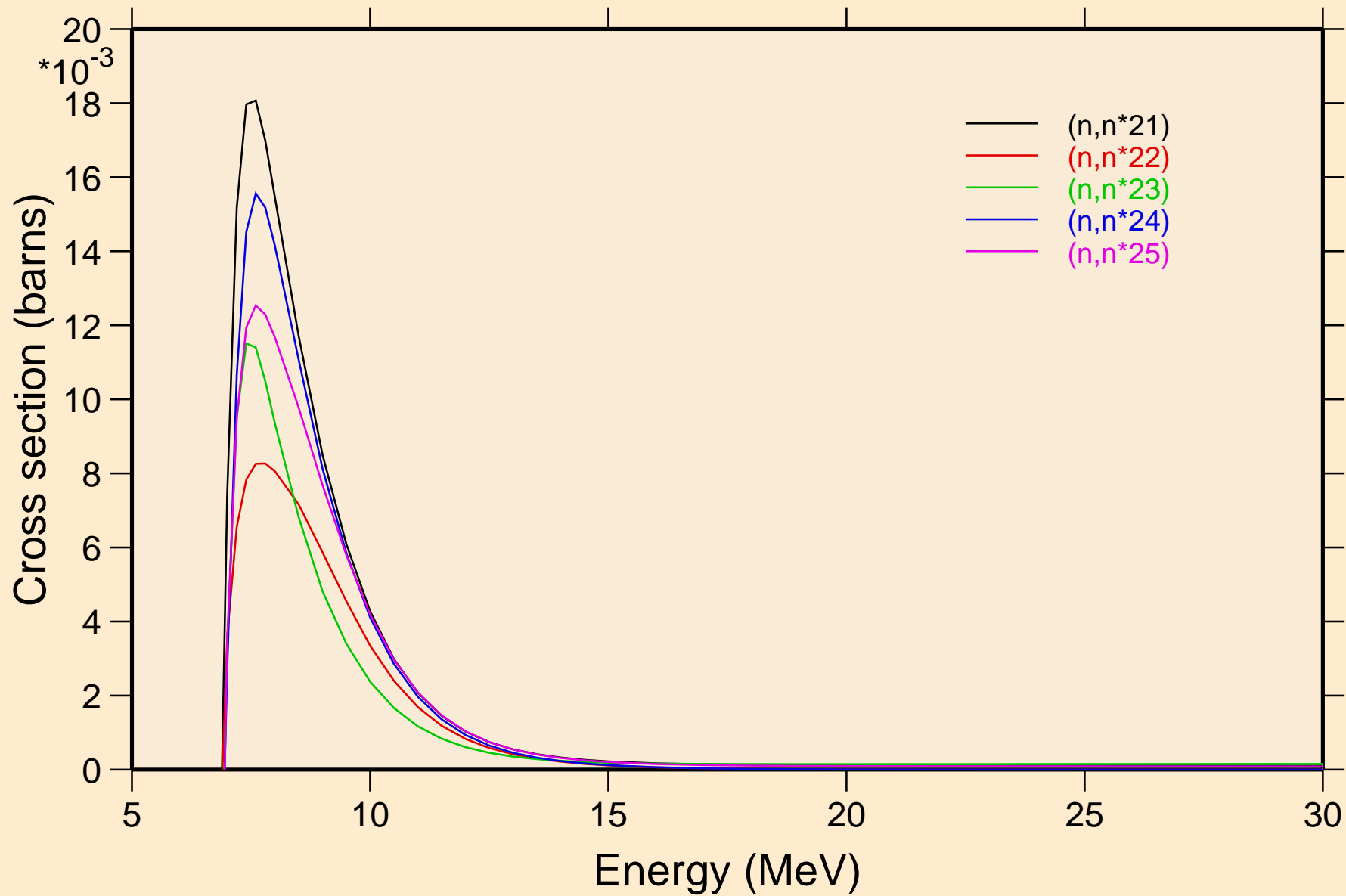
## Inelastic levels



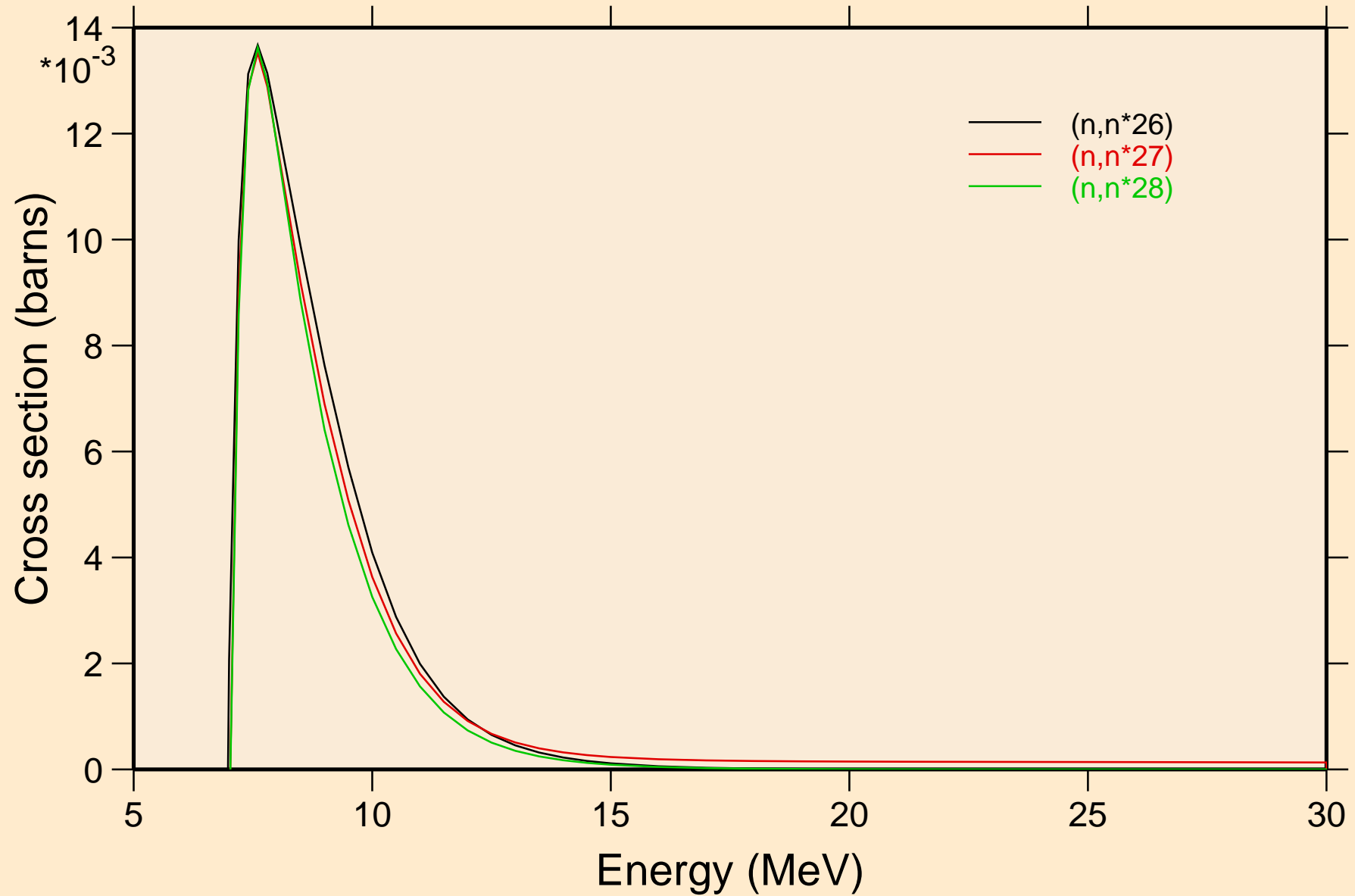


# S038 NRG TENDL-2015, AKONING

## Inelastic levels

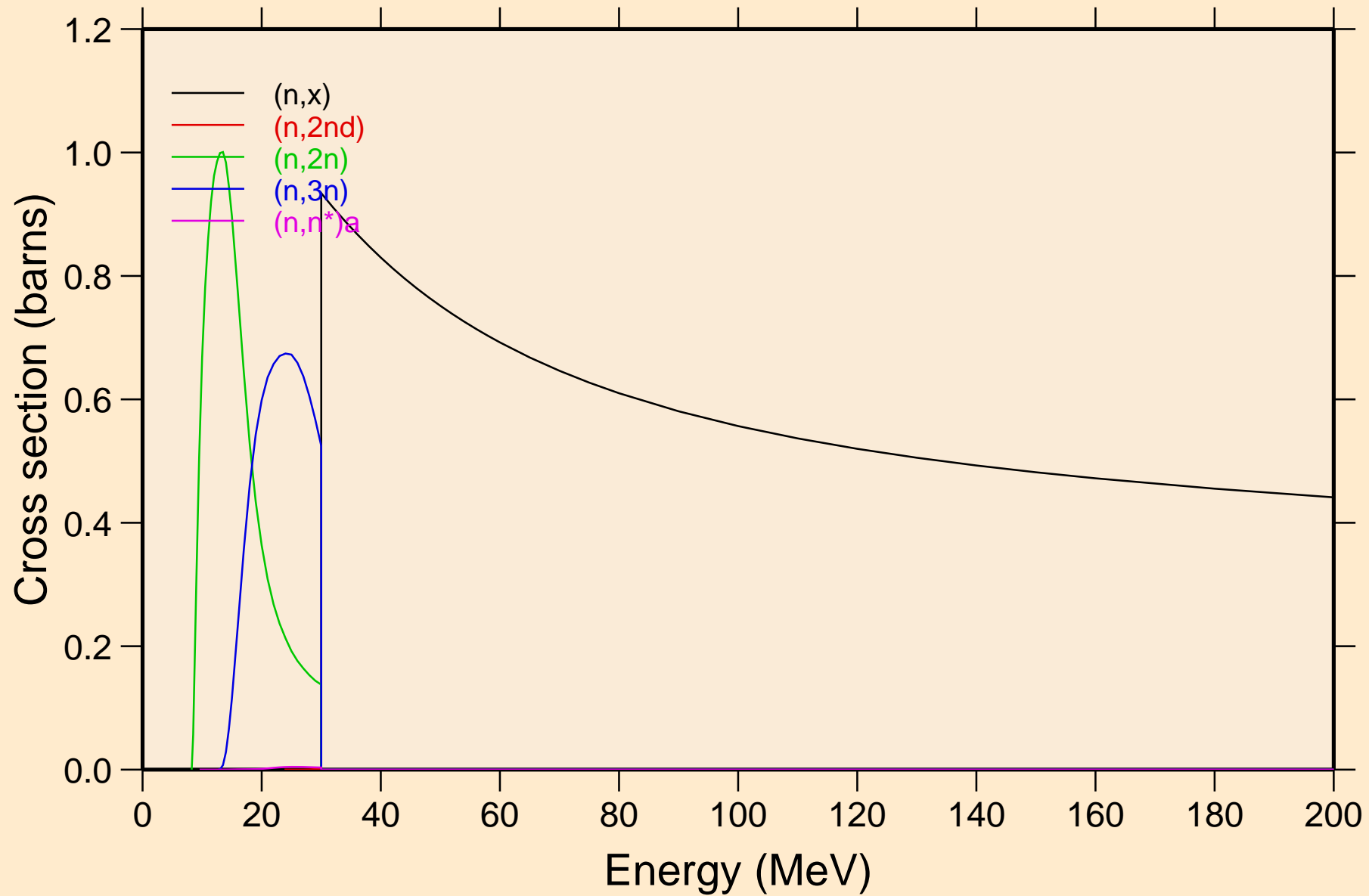


S038 NRG TENDL-2015, AKONING  
Inelastic levels



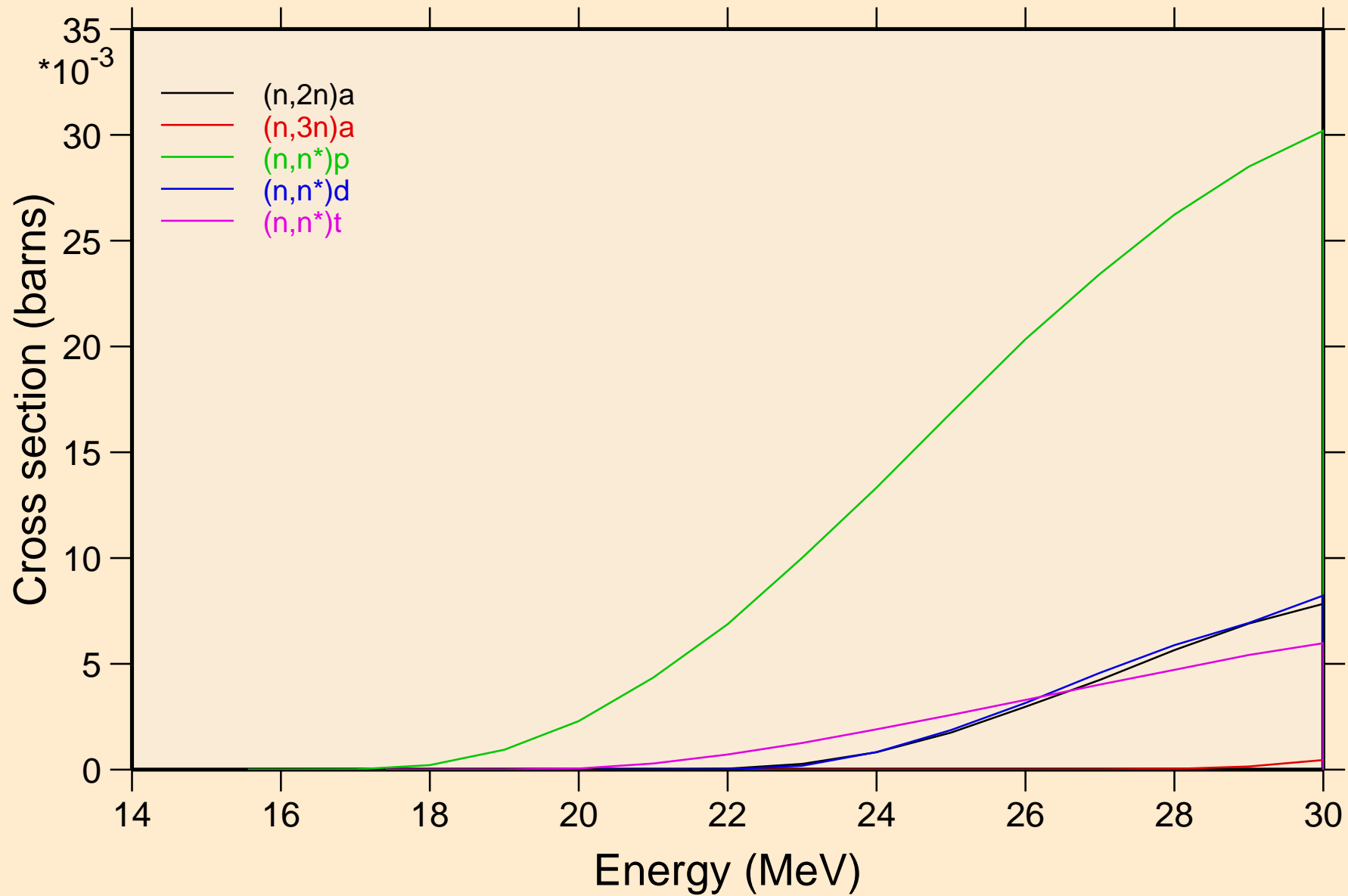
# S038 NRG TENDL-2015, AKONING

## Threshold reactions



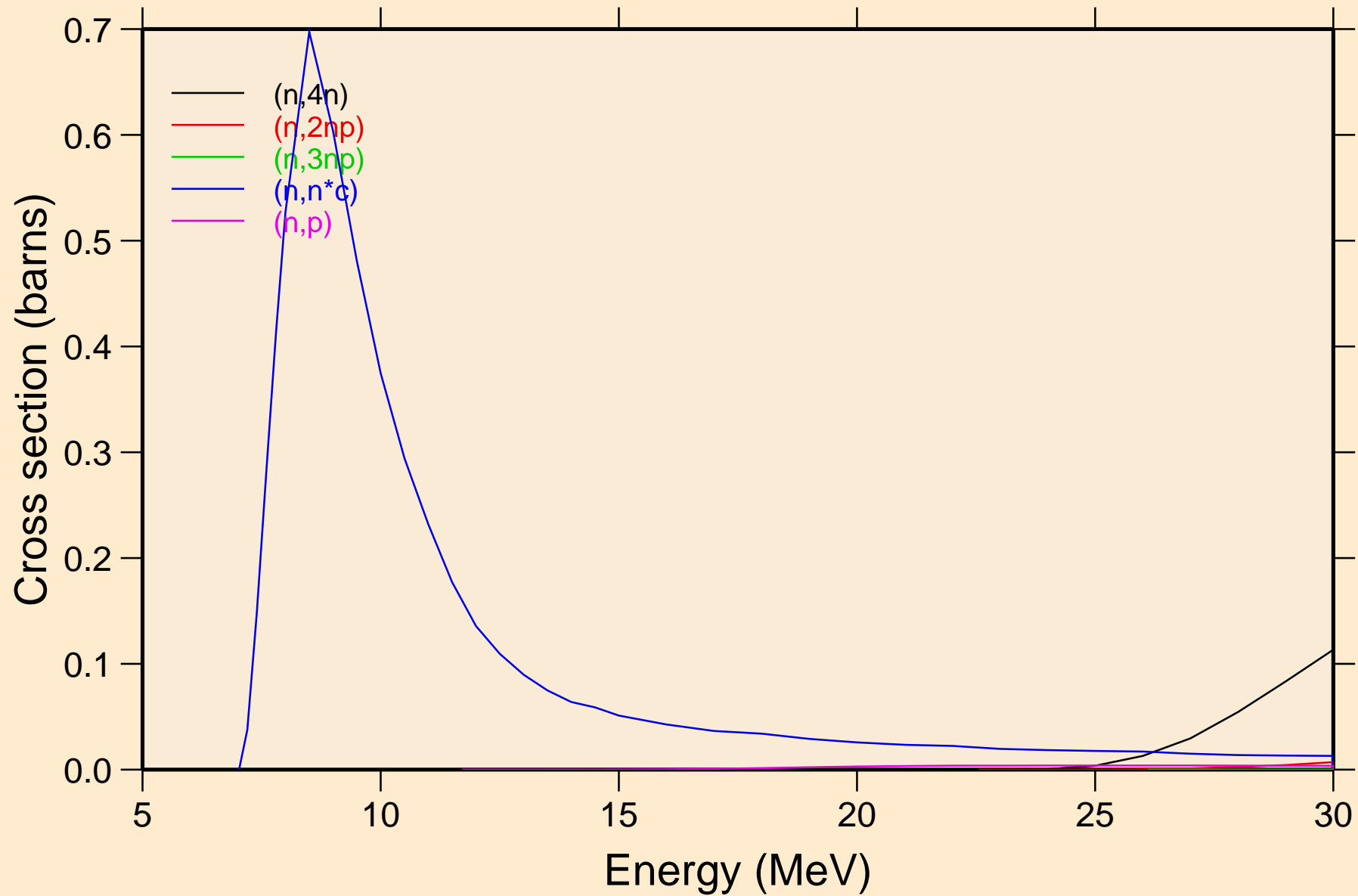
# S038 NRG TENDL-2015, AKONING

## Threshold reactions



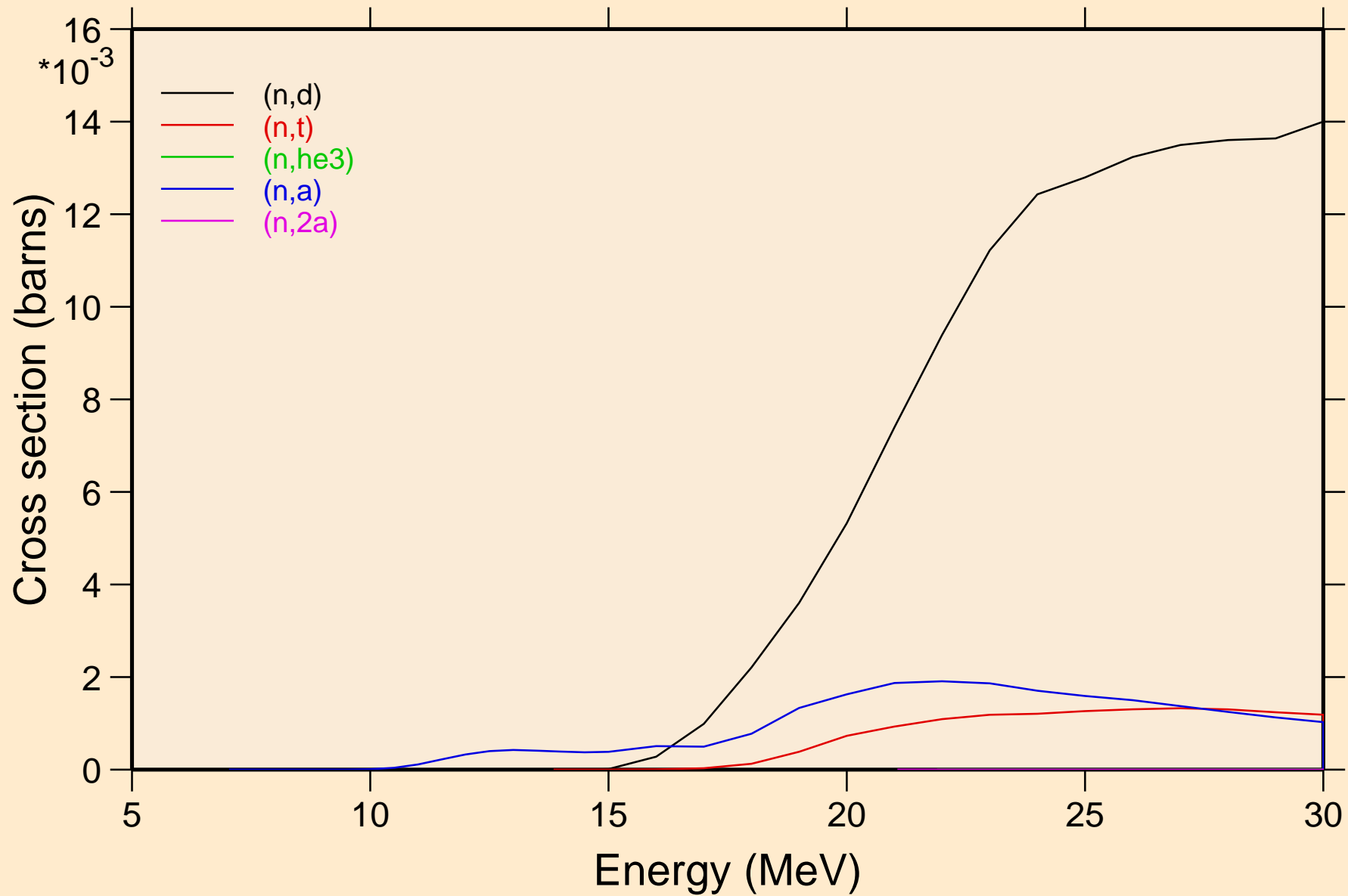
# S038 NRG TENDL-2015, AKONING

## Threshold reactions

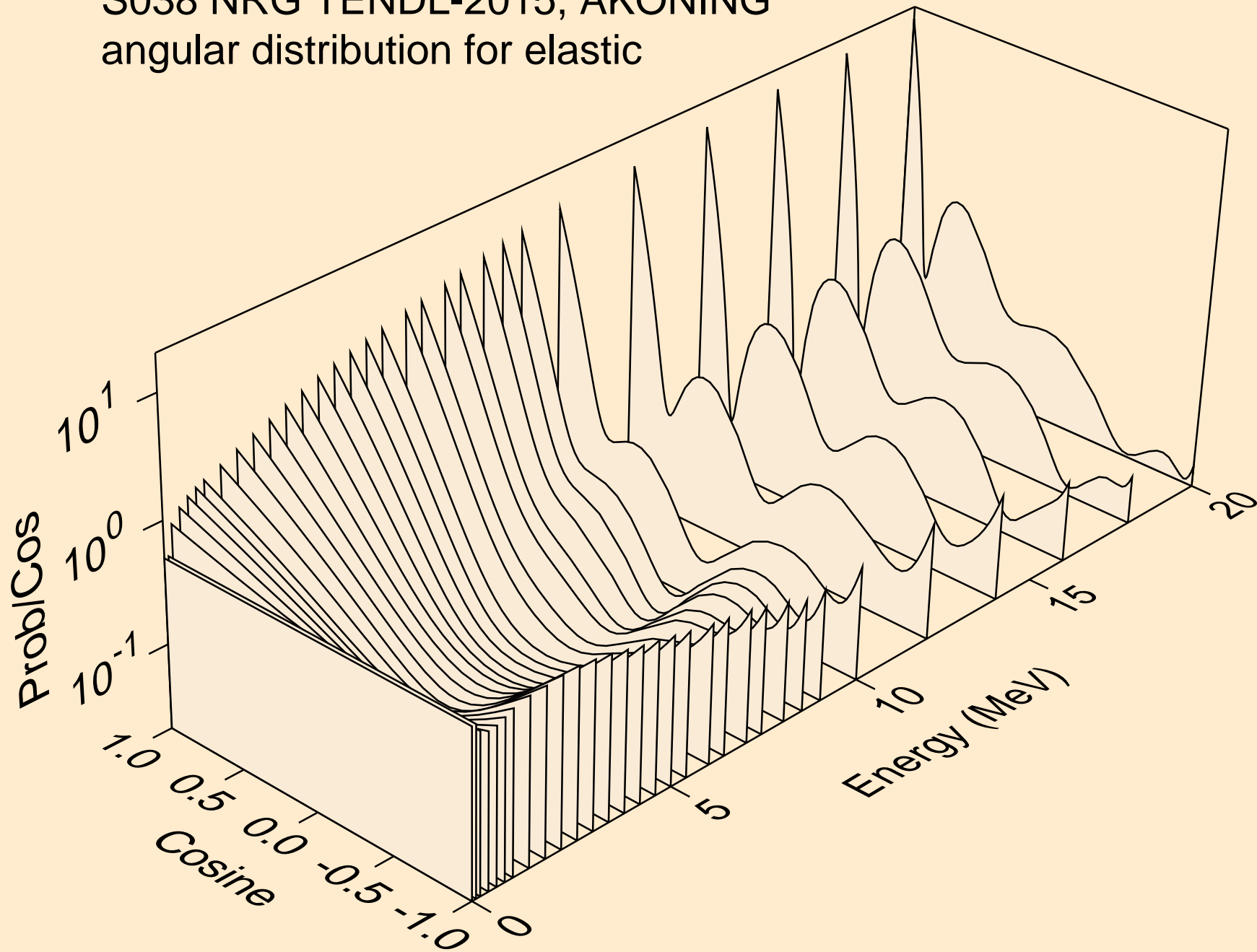


# S038 NRG TENDL-2015, AKONING

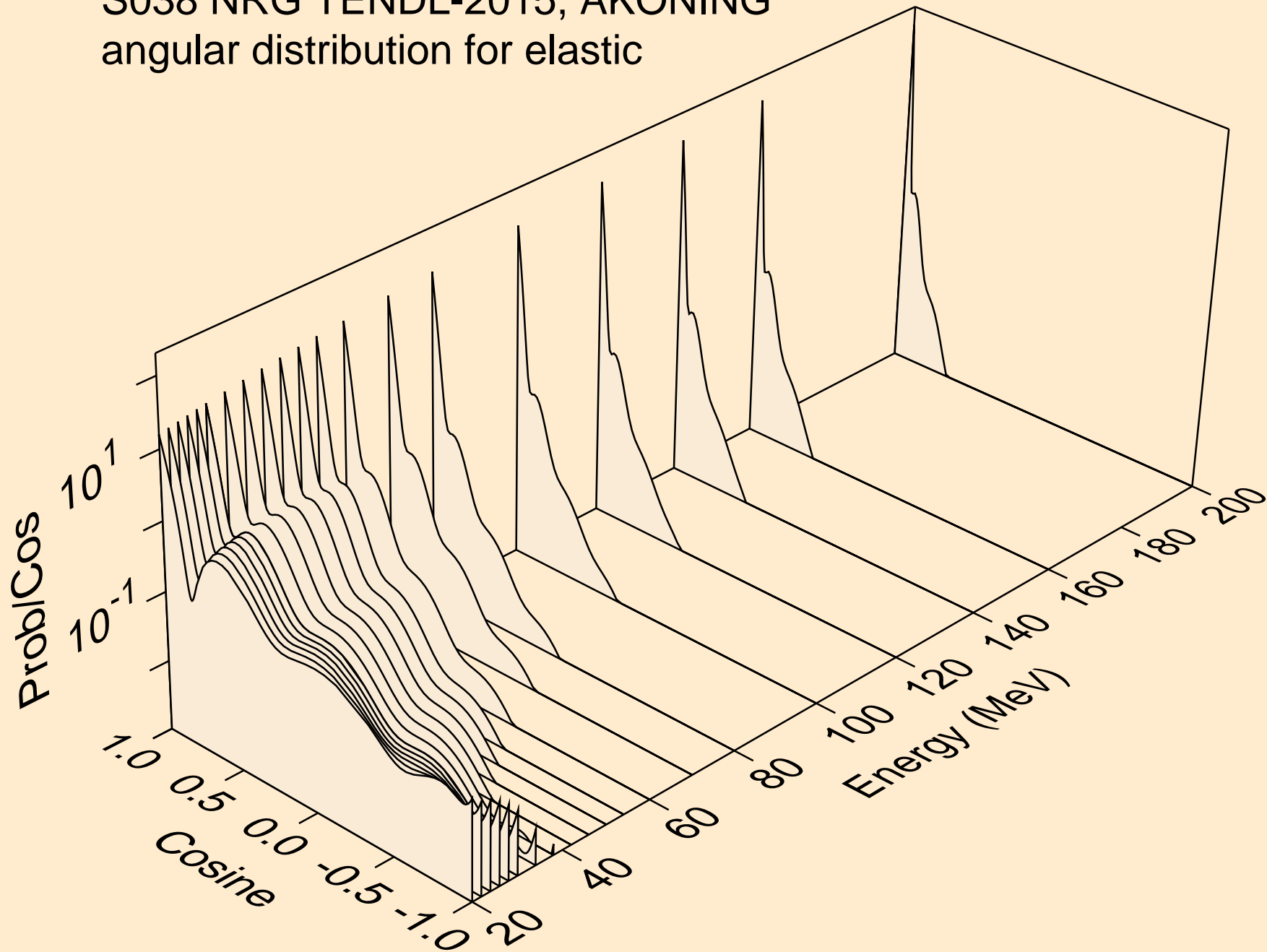
## Threshold reactions



S038 NRG TENDL-2015, AKONING  
angular distribution for elastic

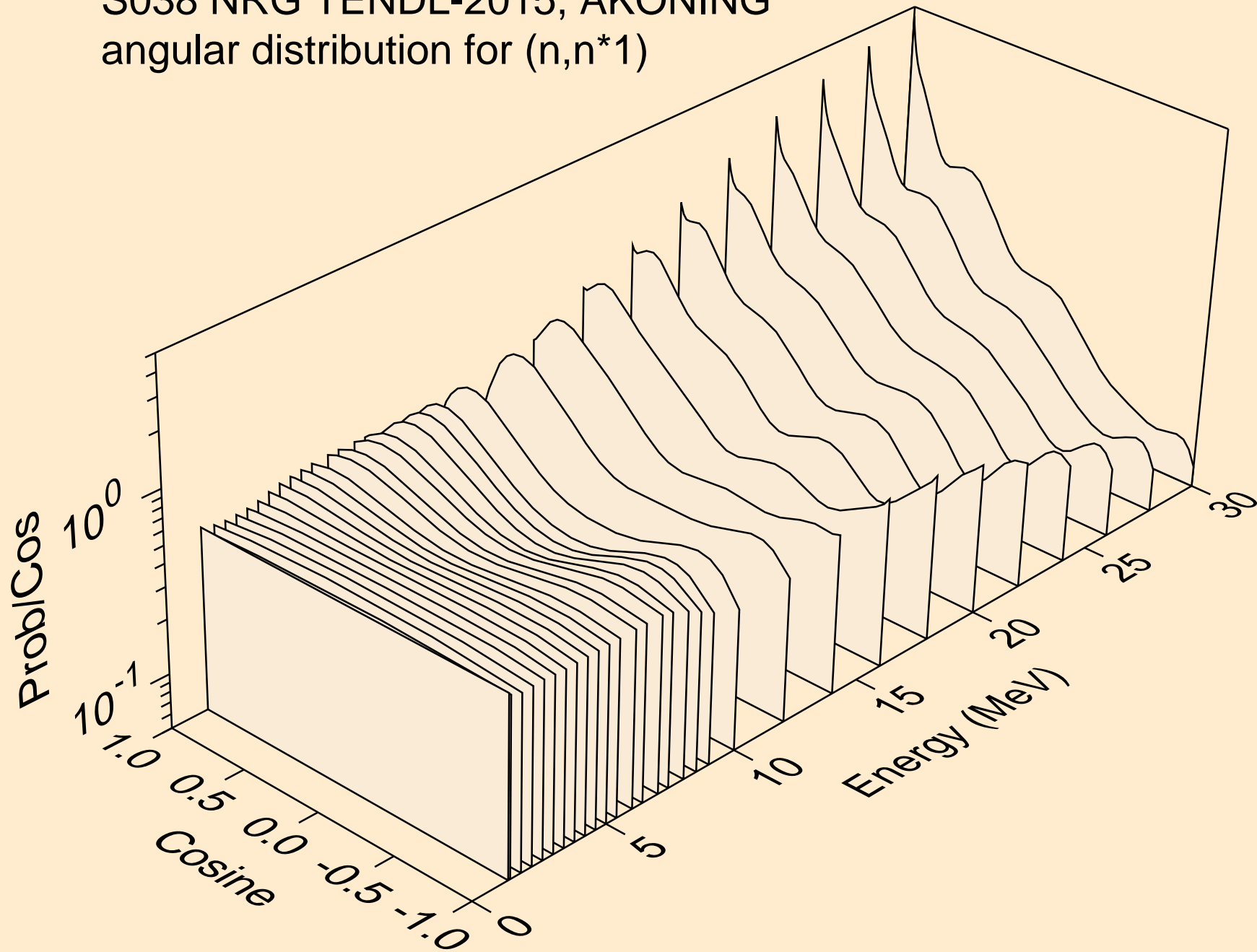


S038 NRG TENDL-2015, AKONING  
angular distribution for elastic

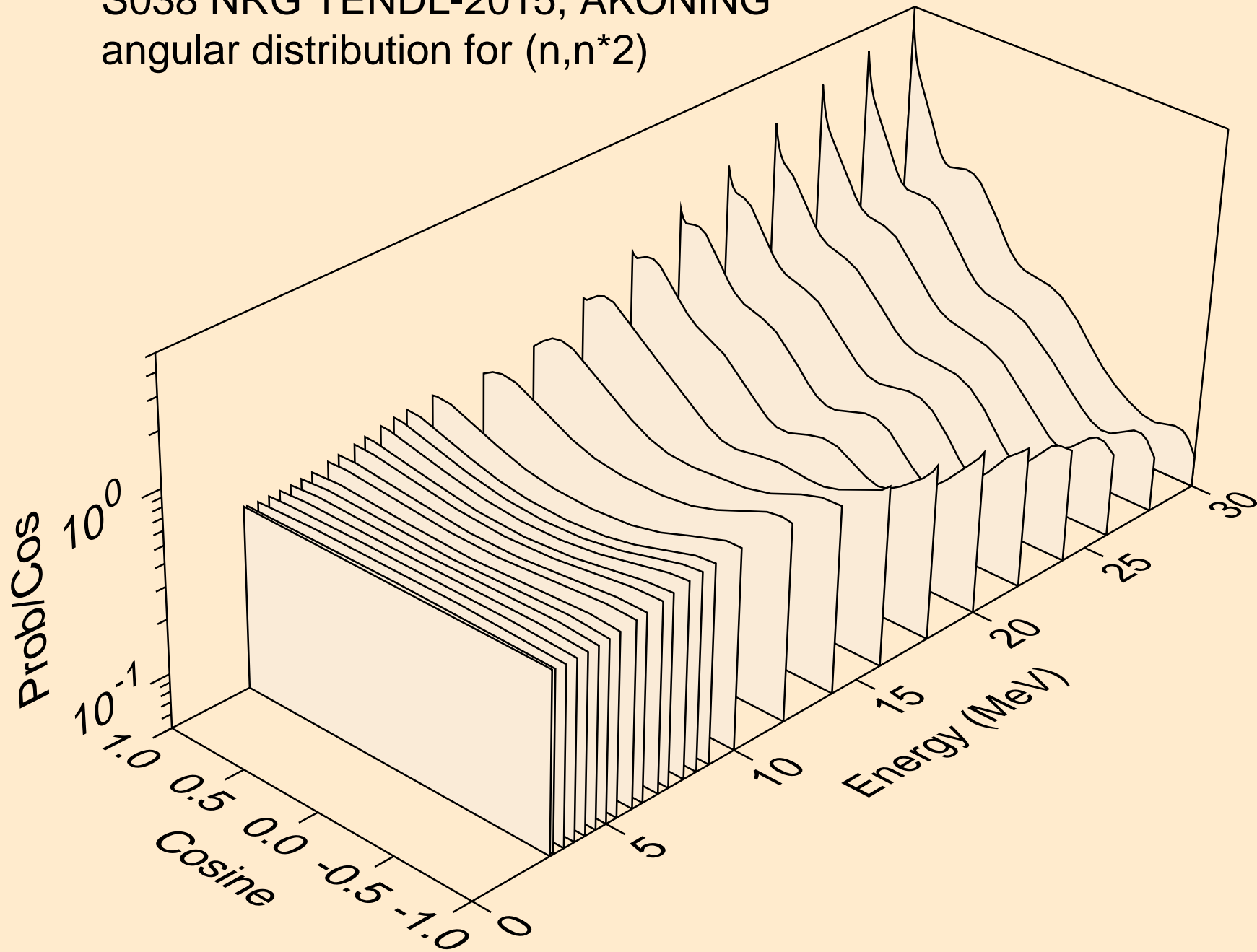




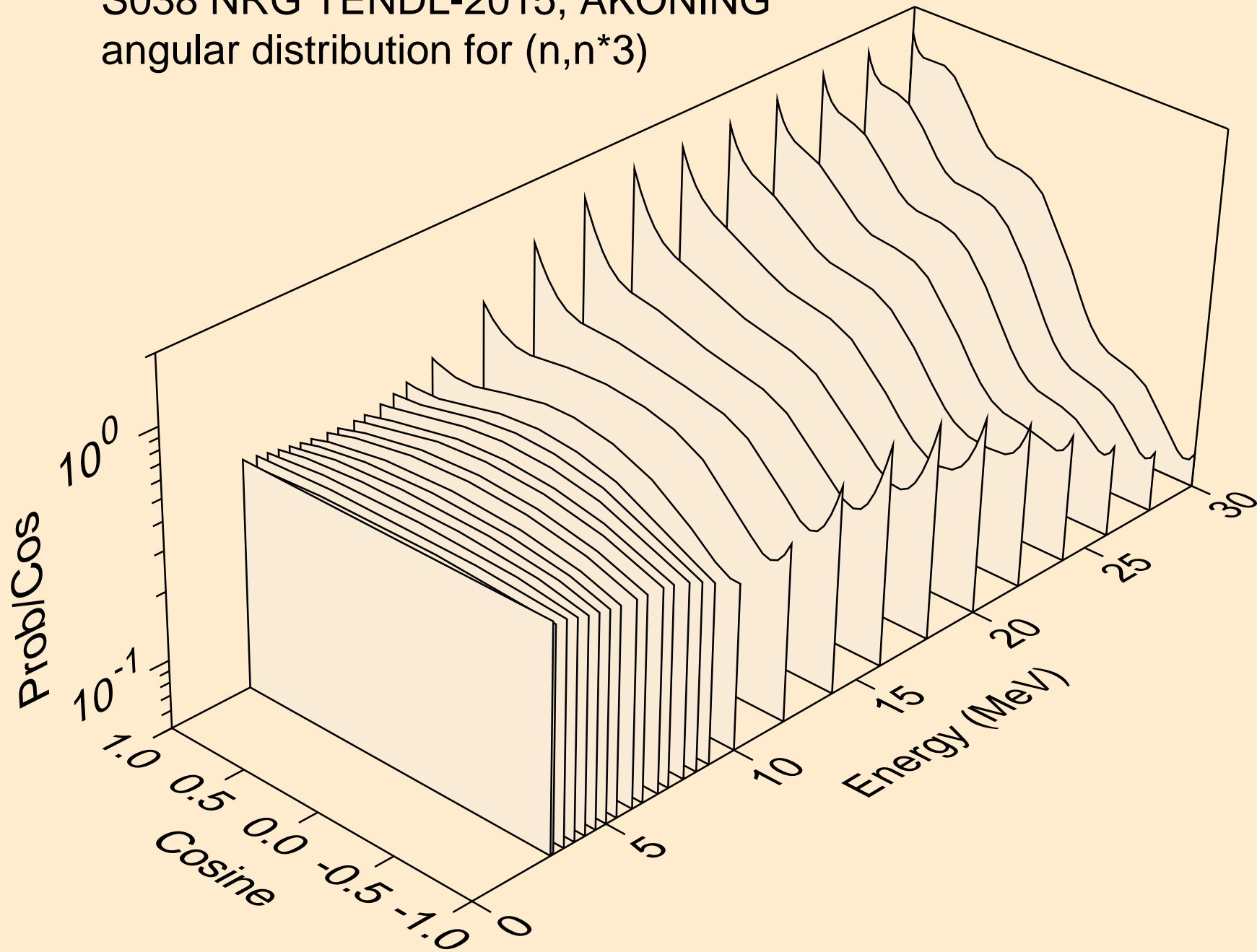
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



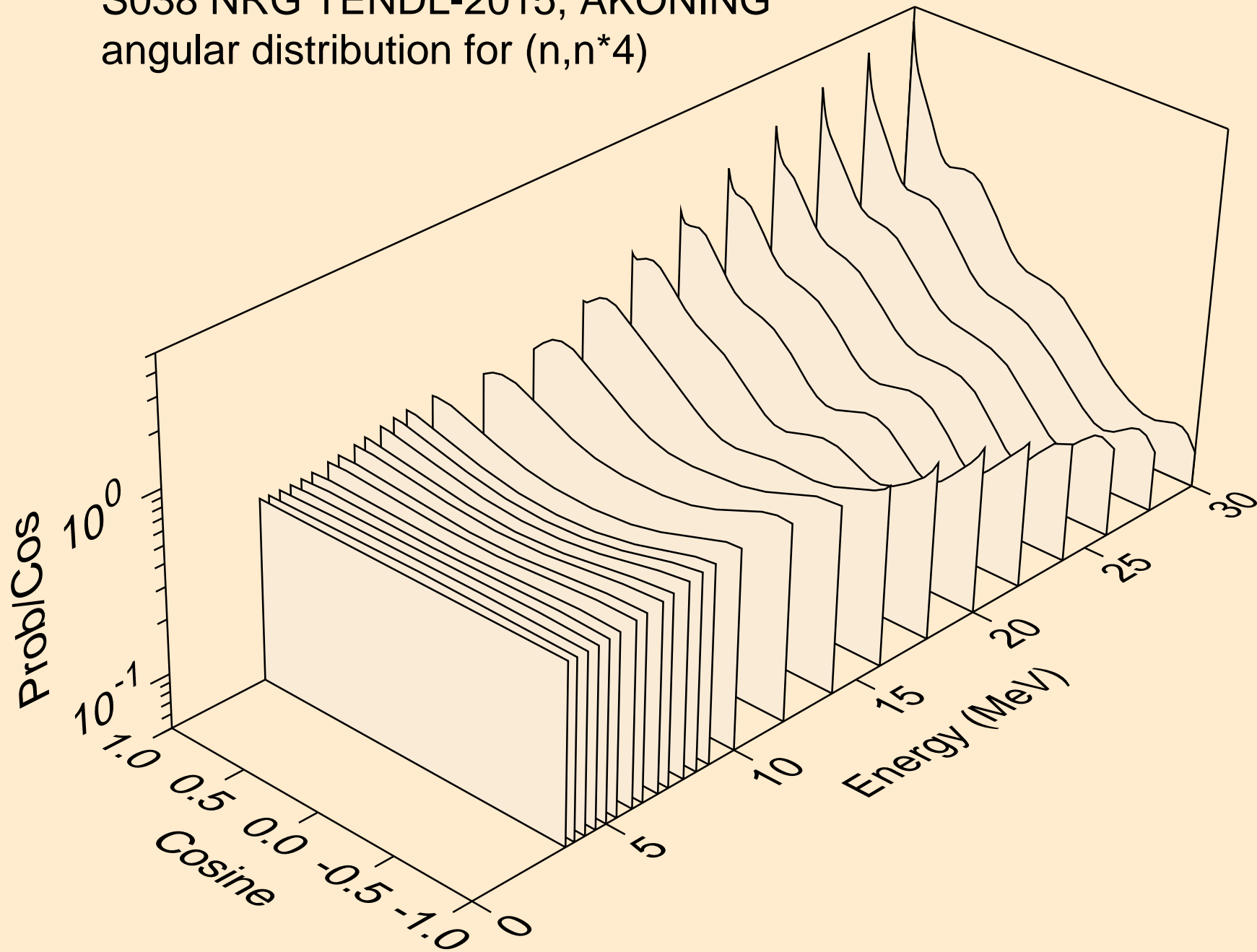
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



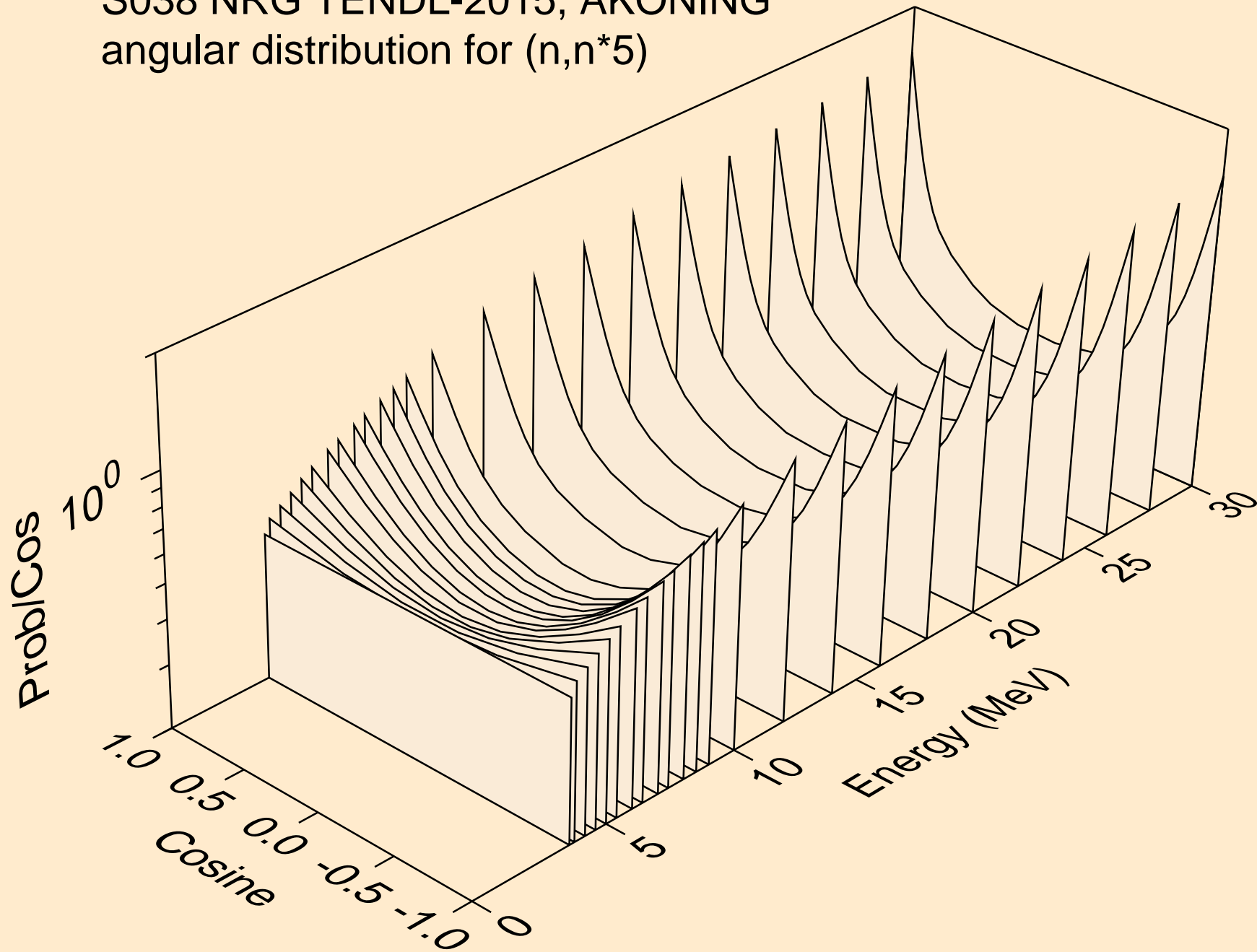
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



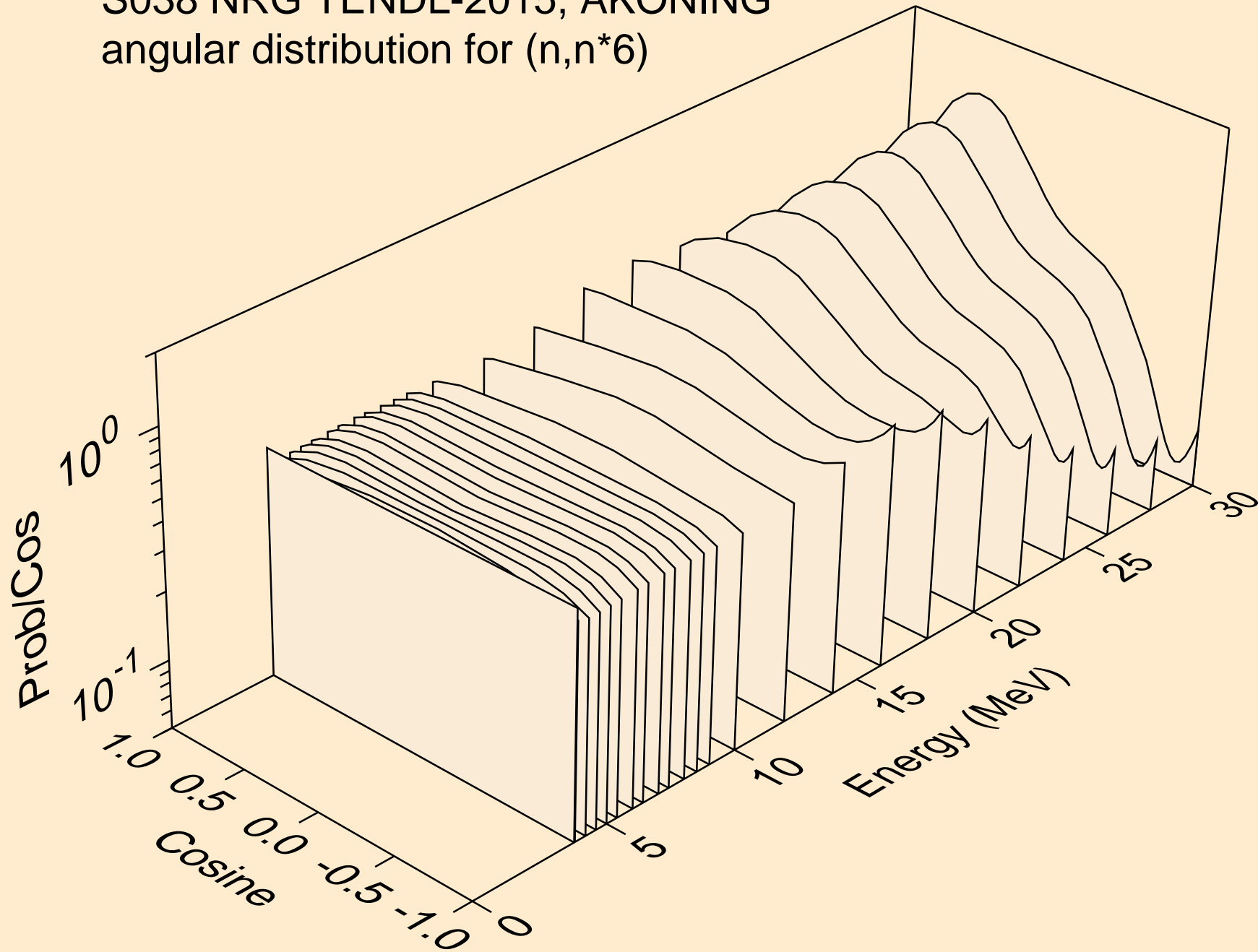
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



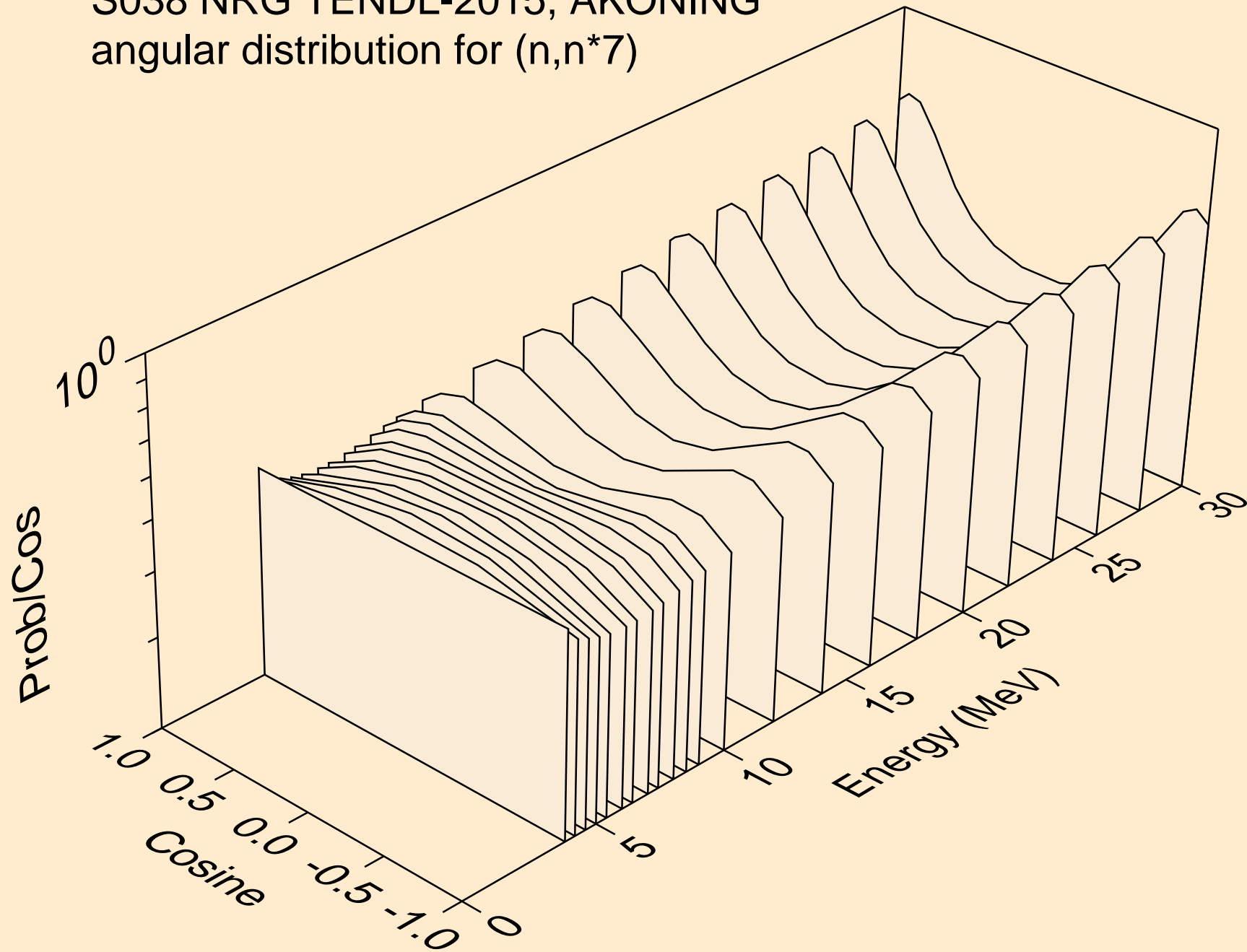
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



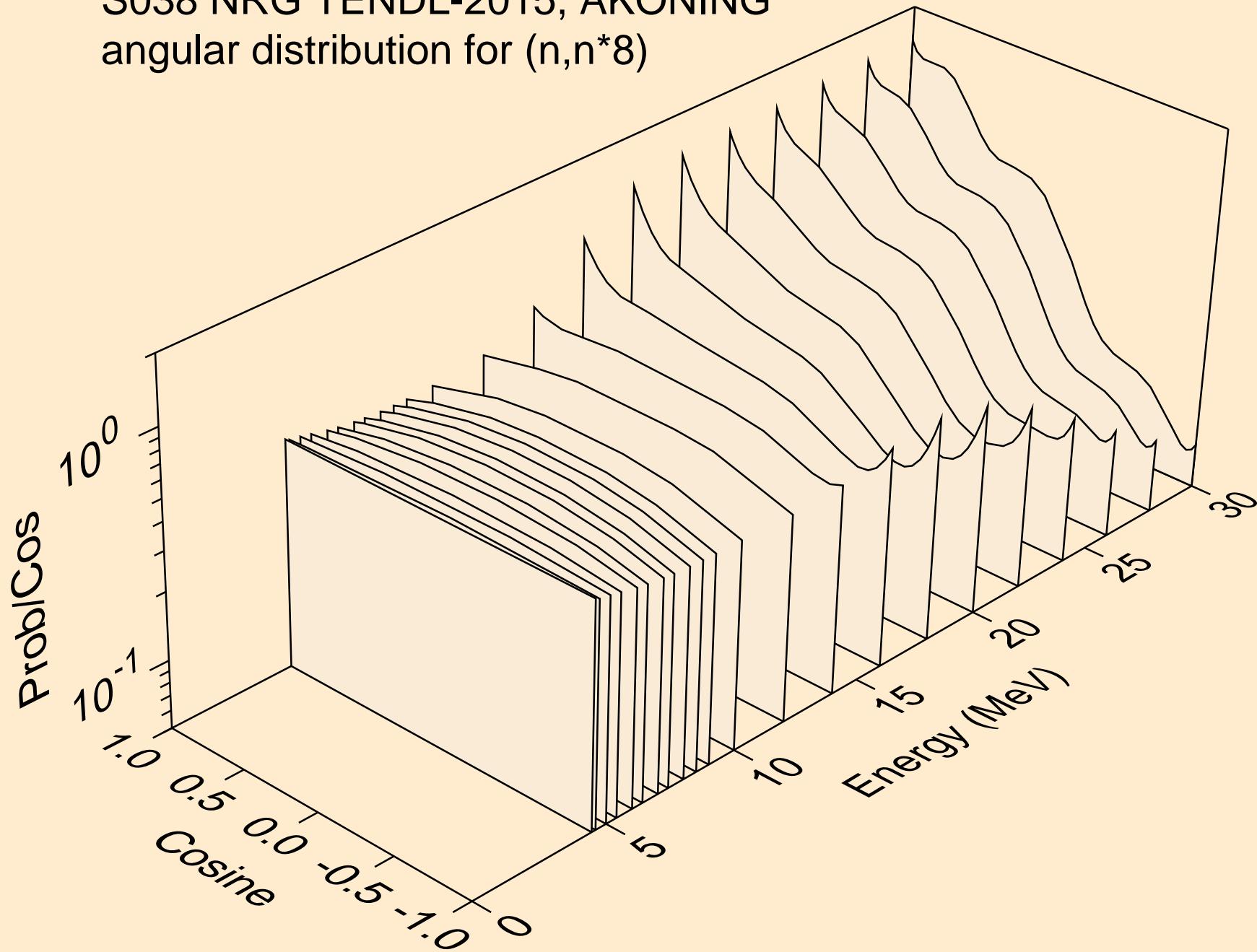
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

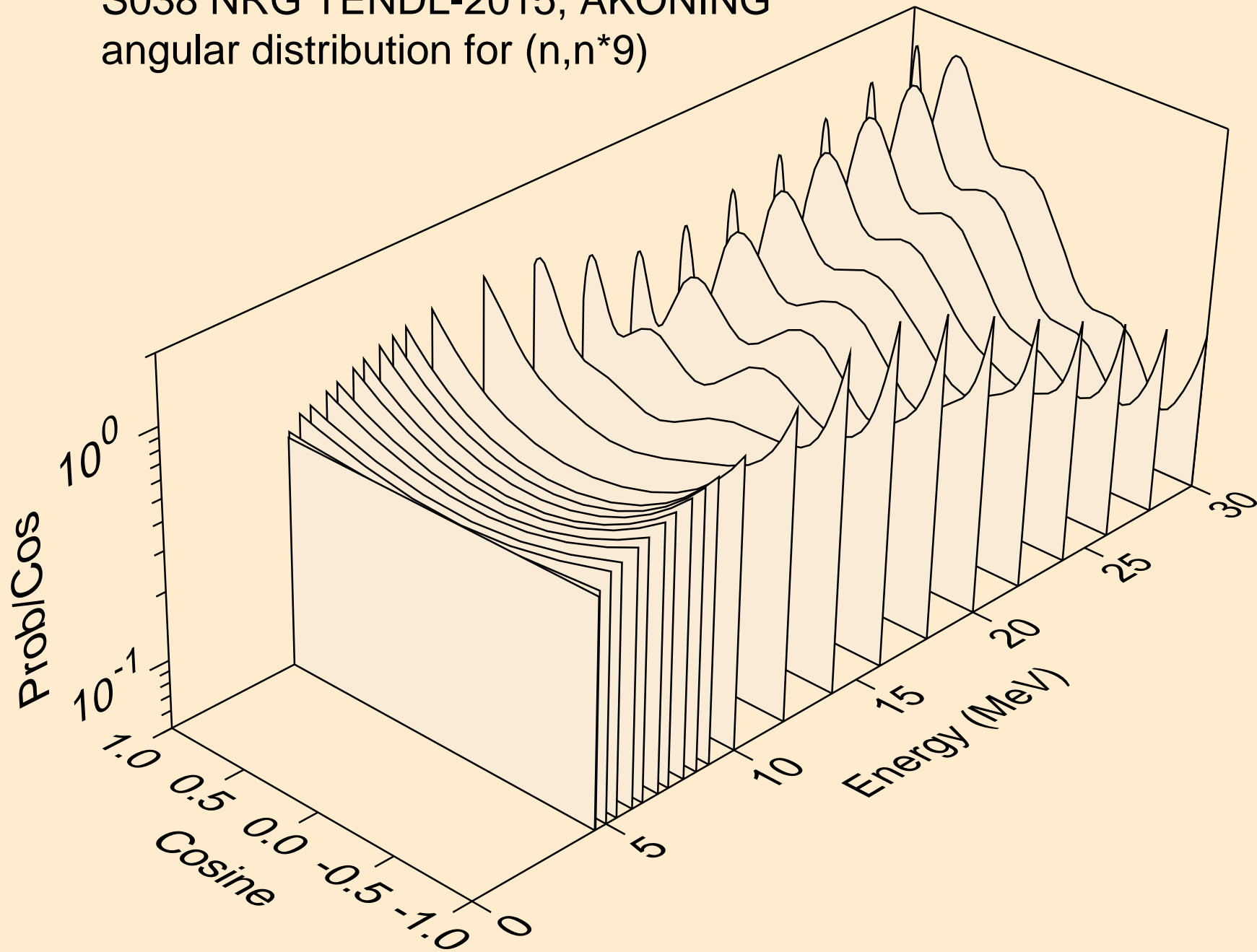


S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

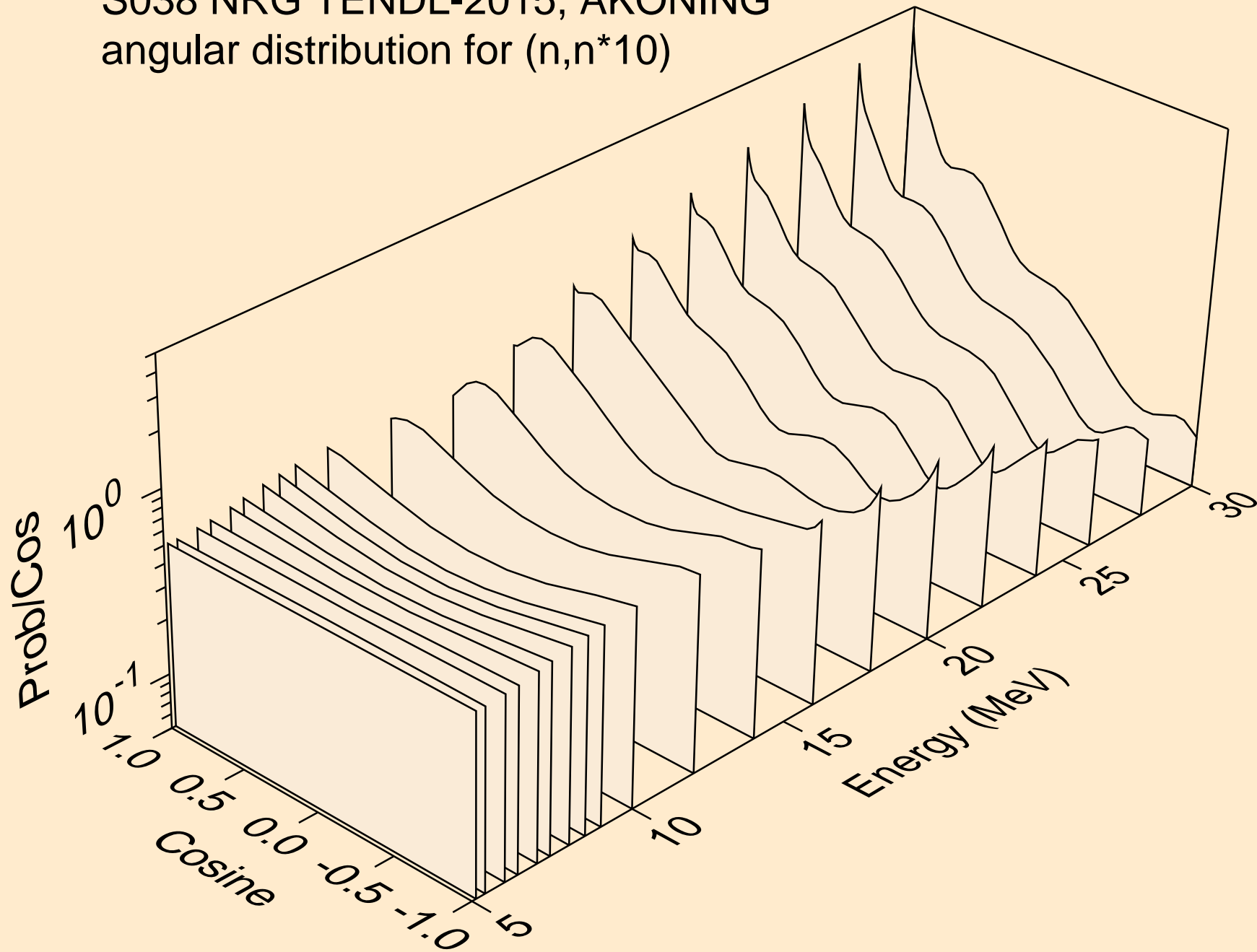




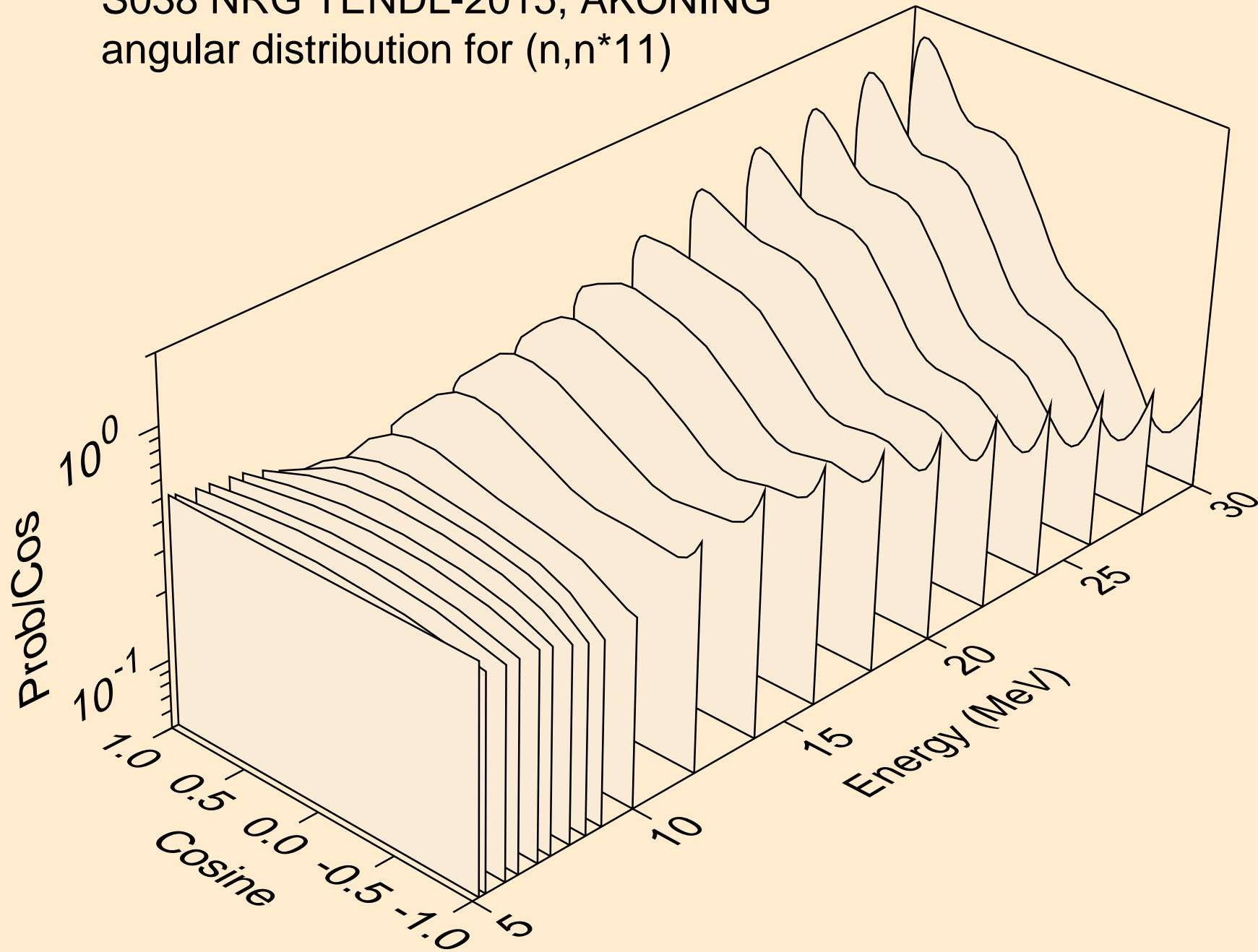
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



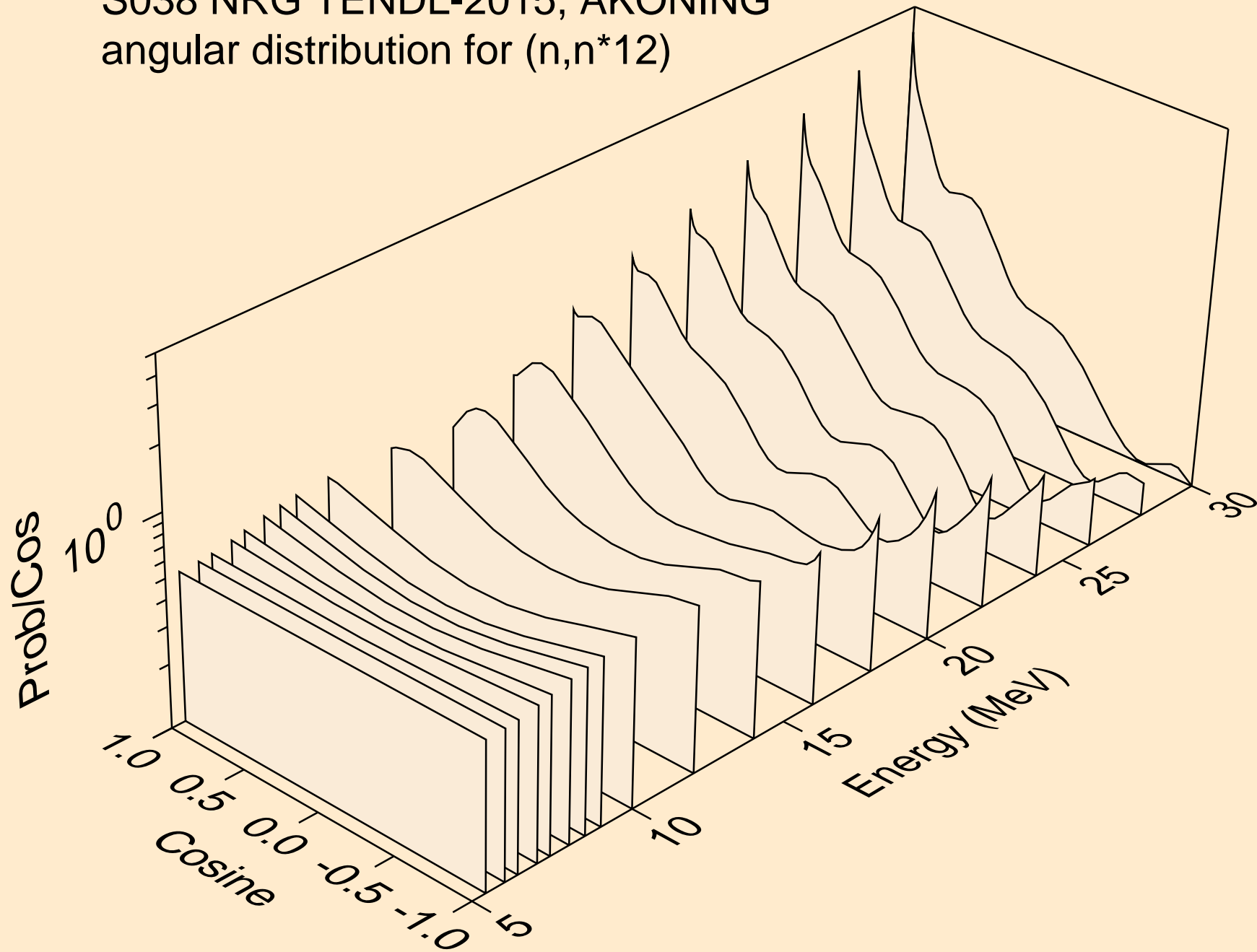
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angular distribution for (n,n\*10)



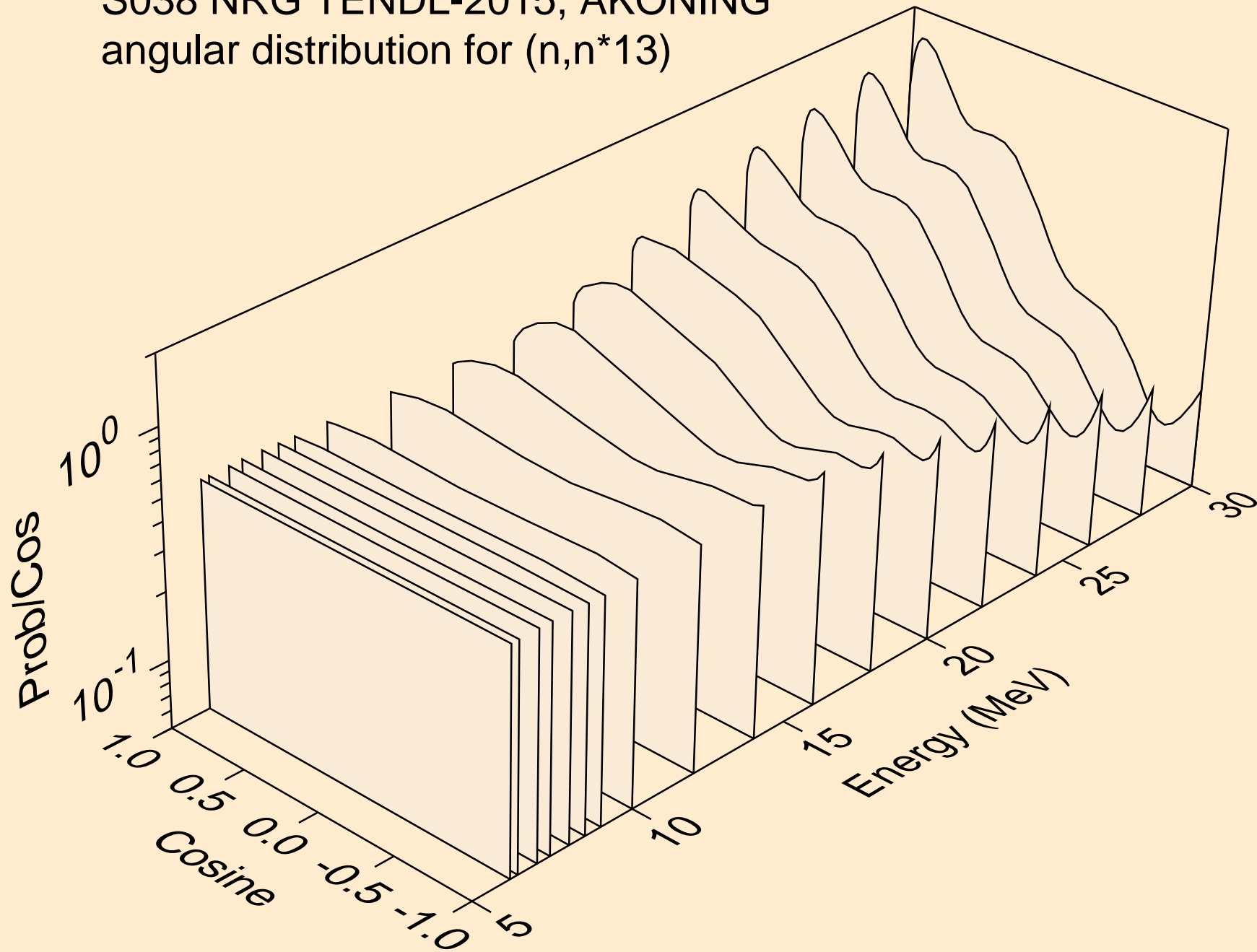
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



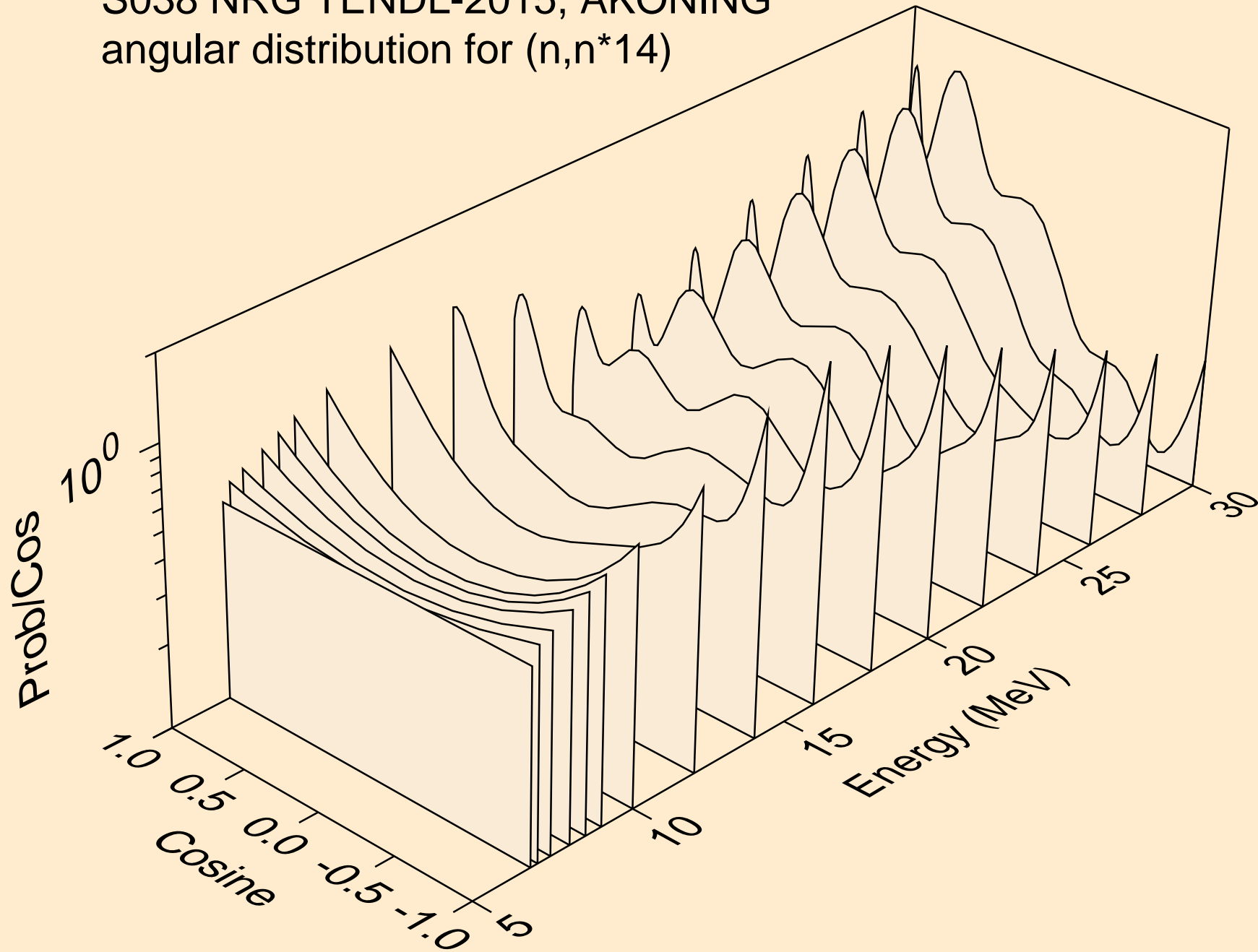
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



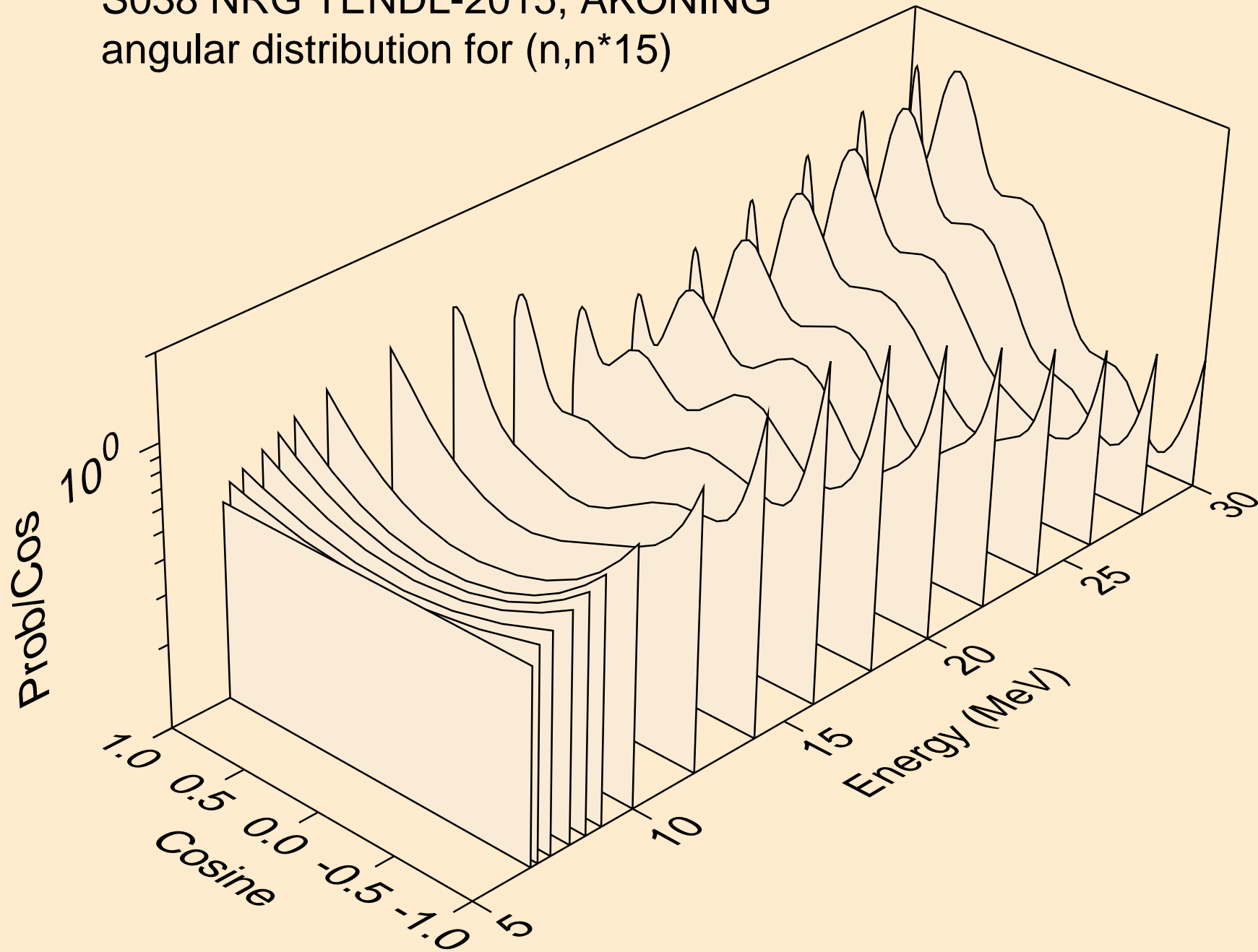
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angular distribution for (n,n\*13)



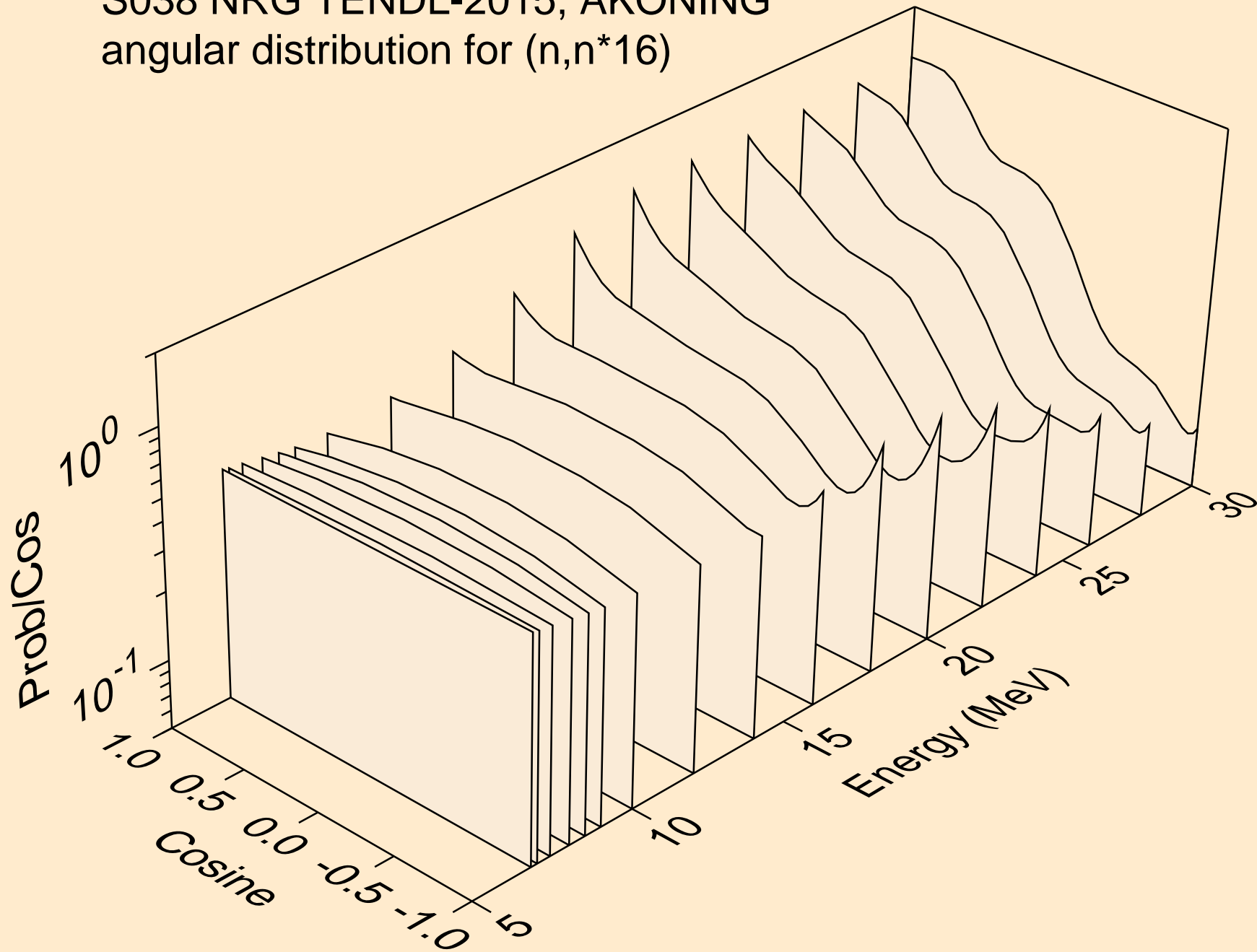
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

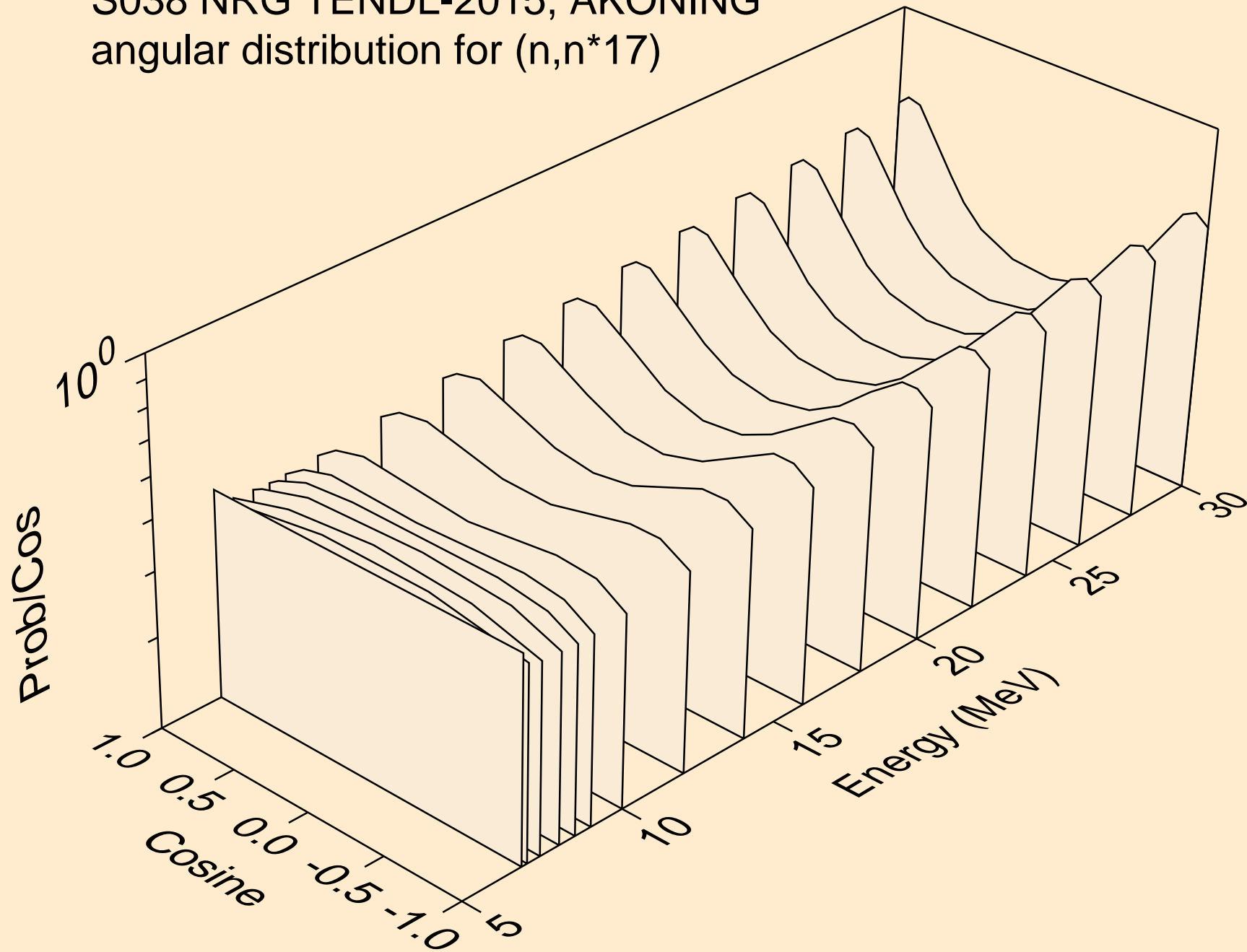


S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

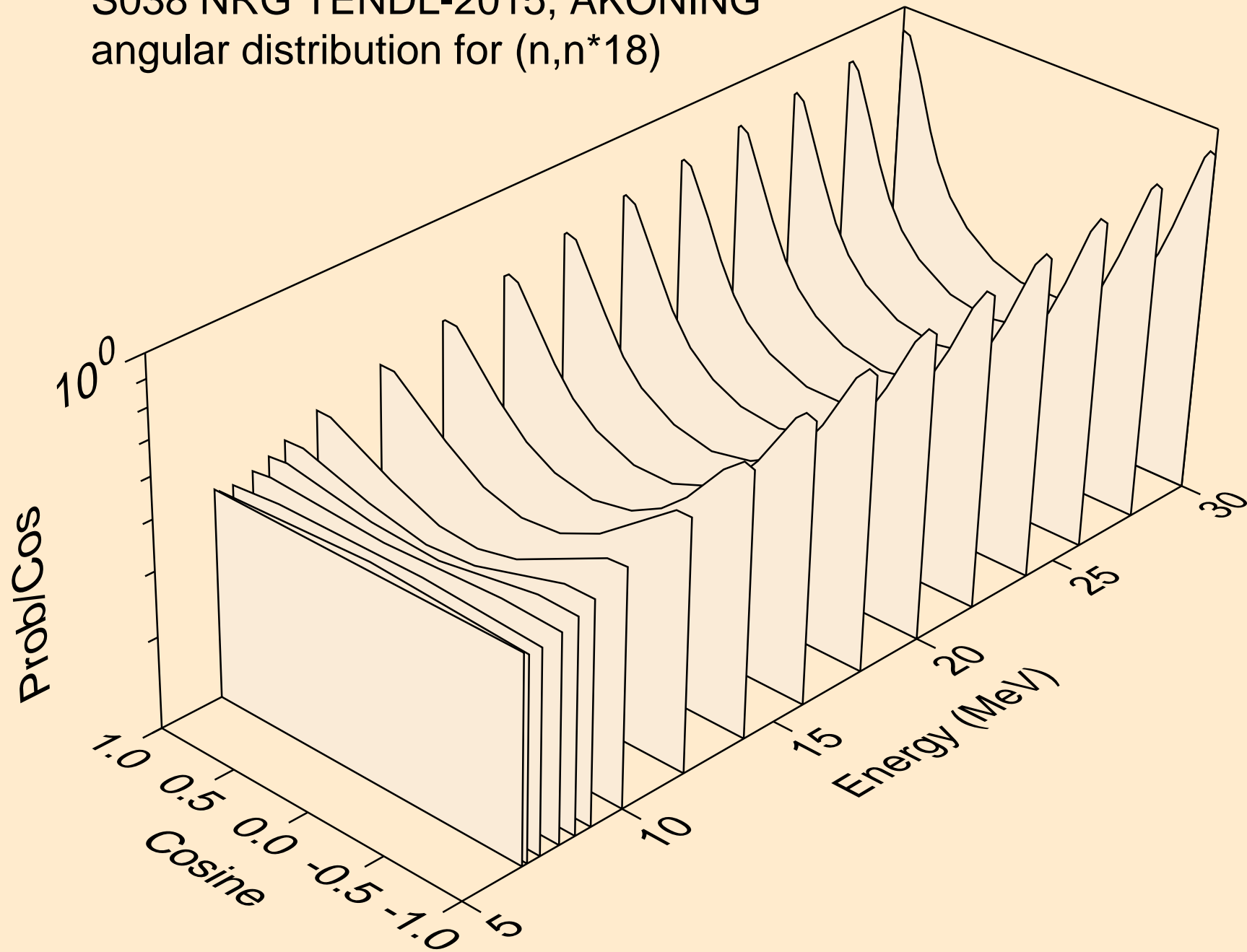




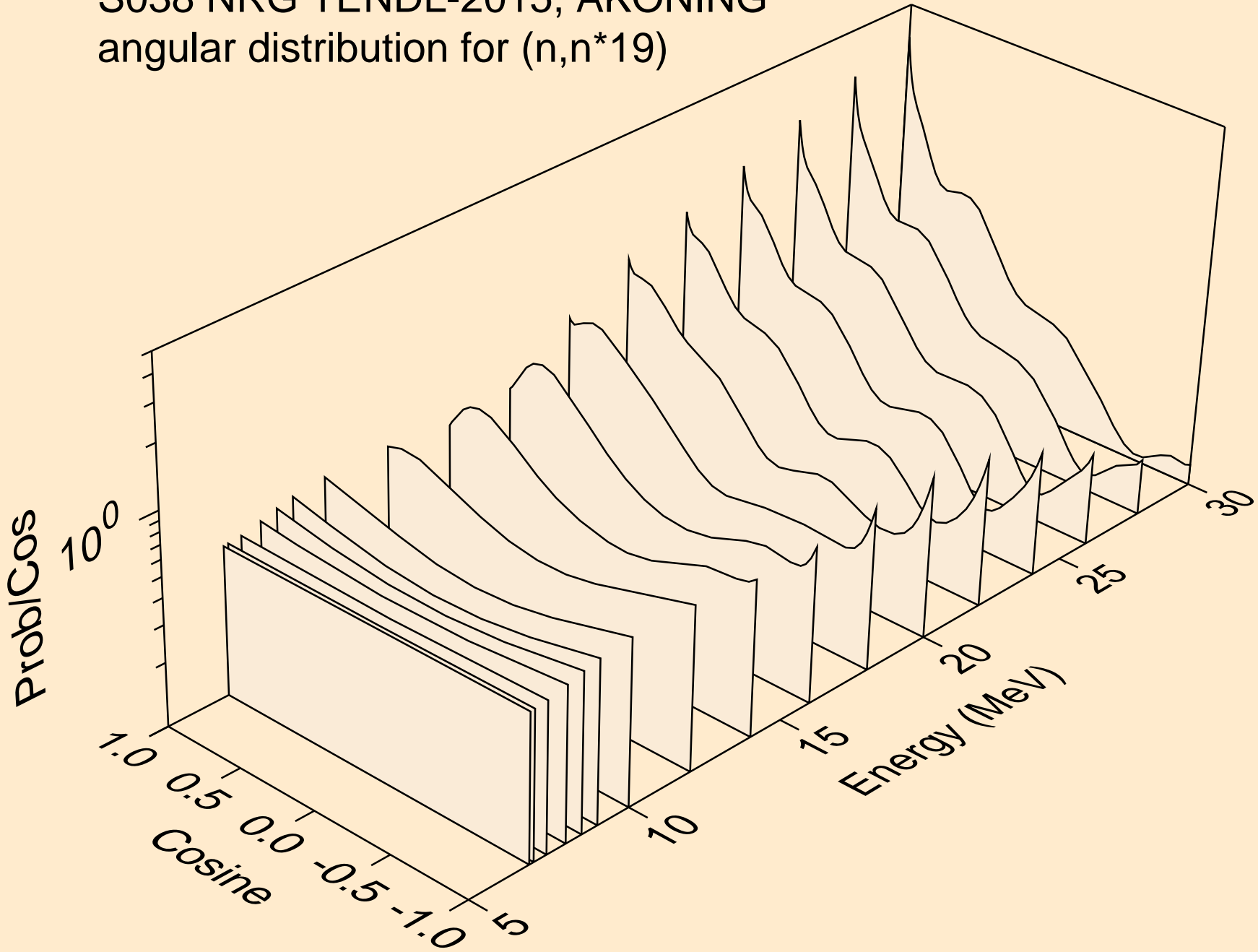
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angular distribution for (n,n\*17)



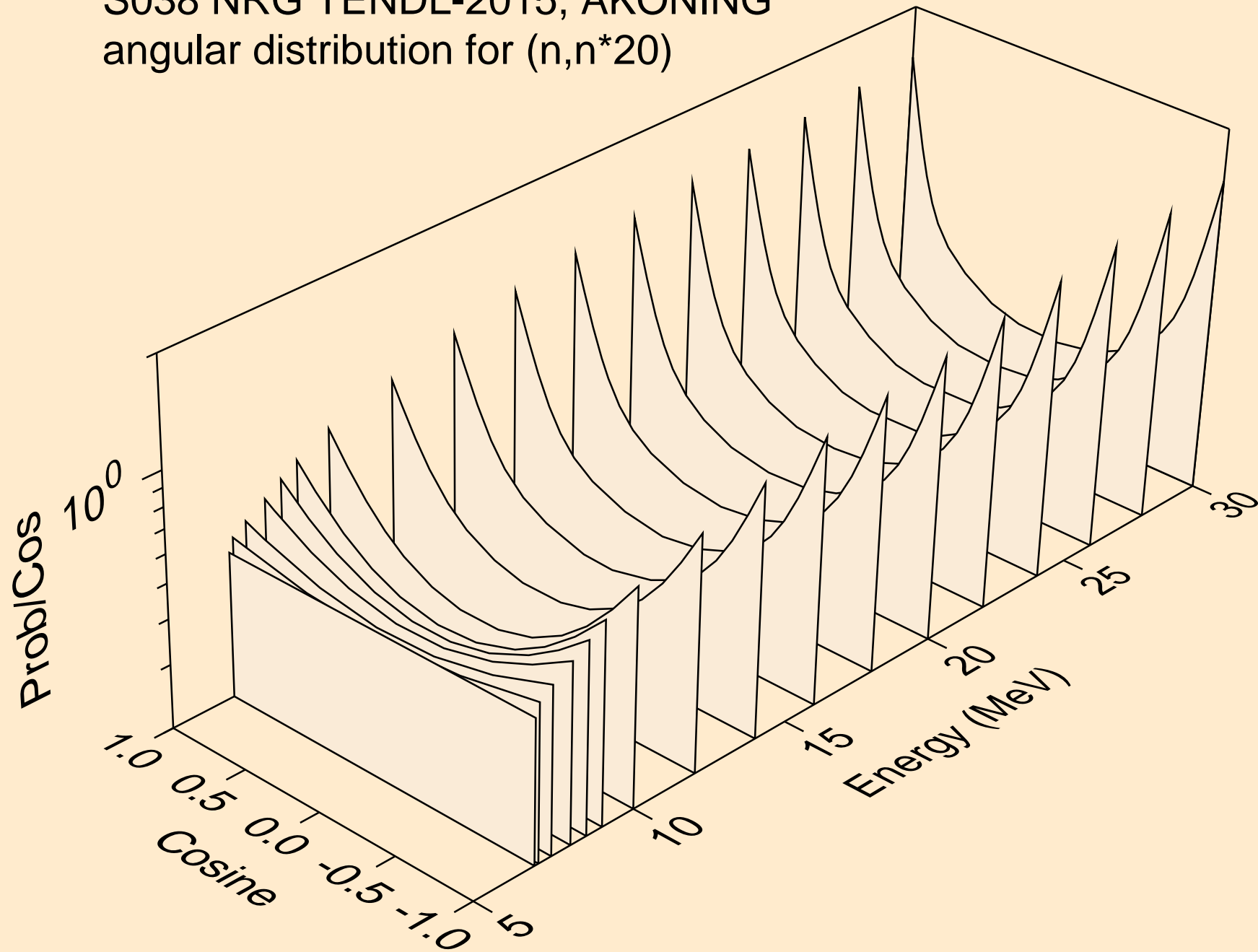
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angular distribution for (n,n\*18)



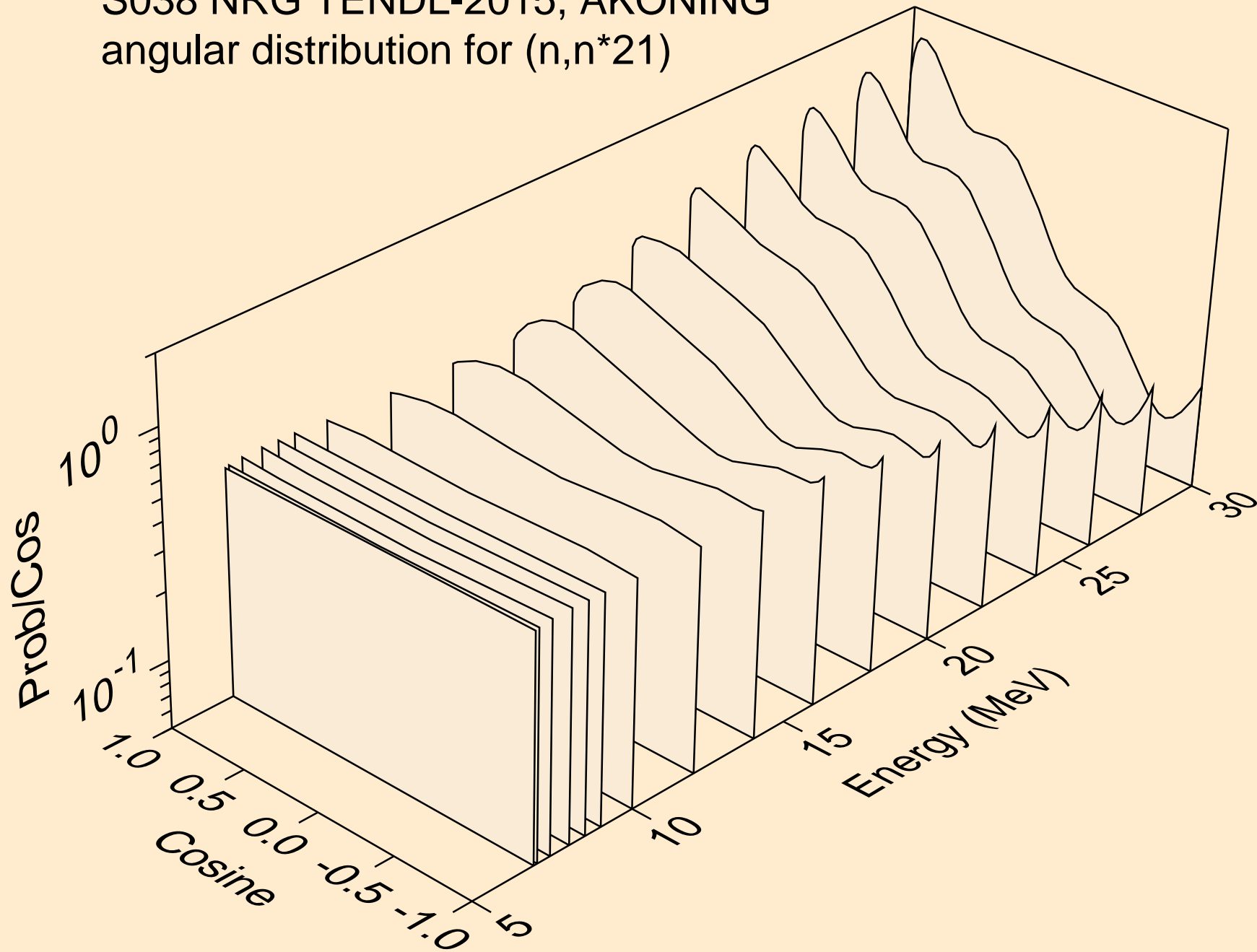
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



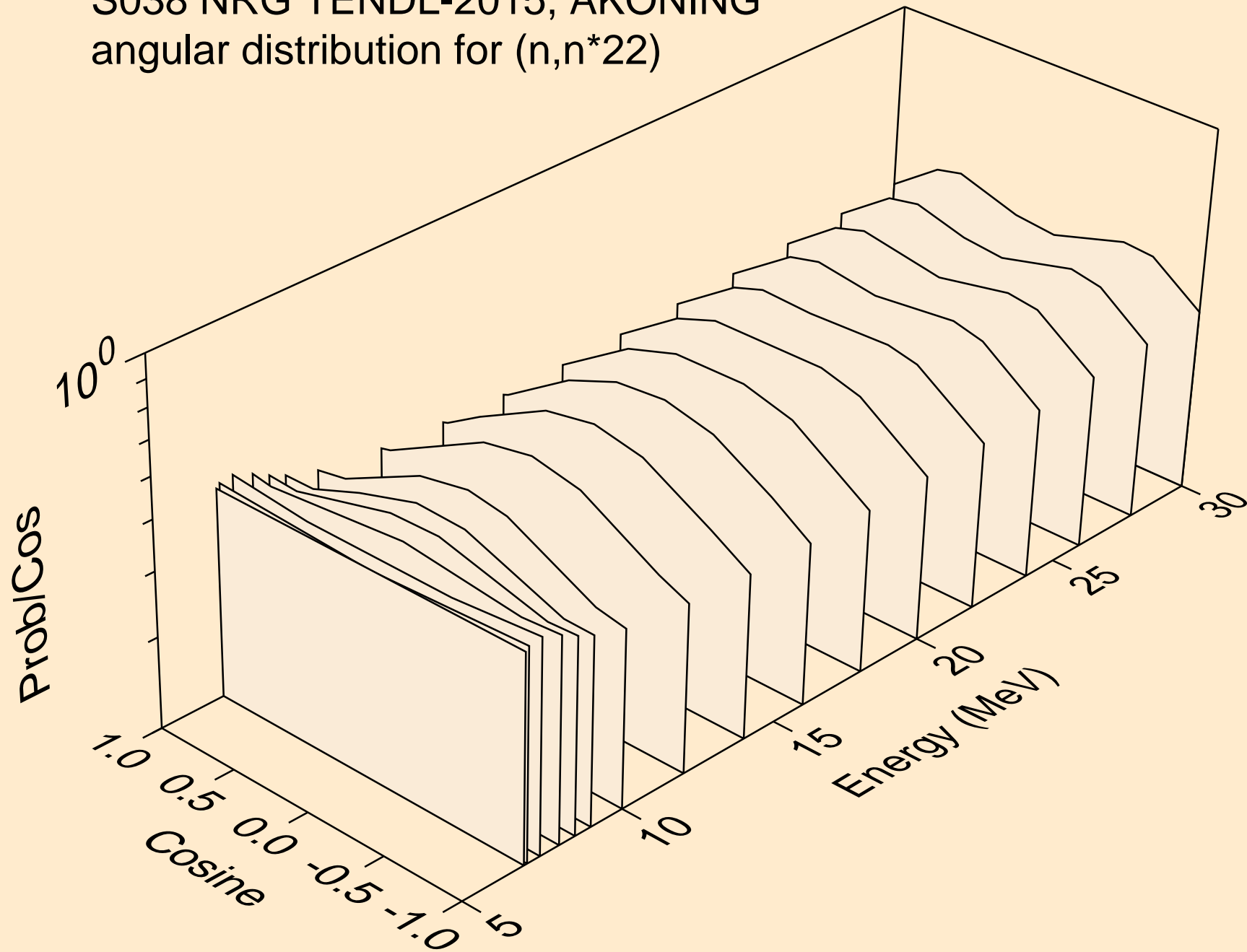
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



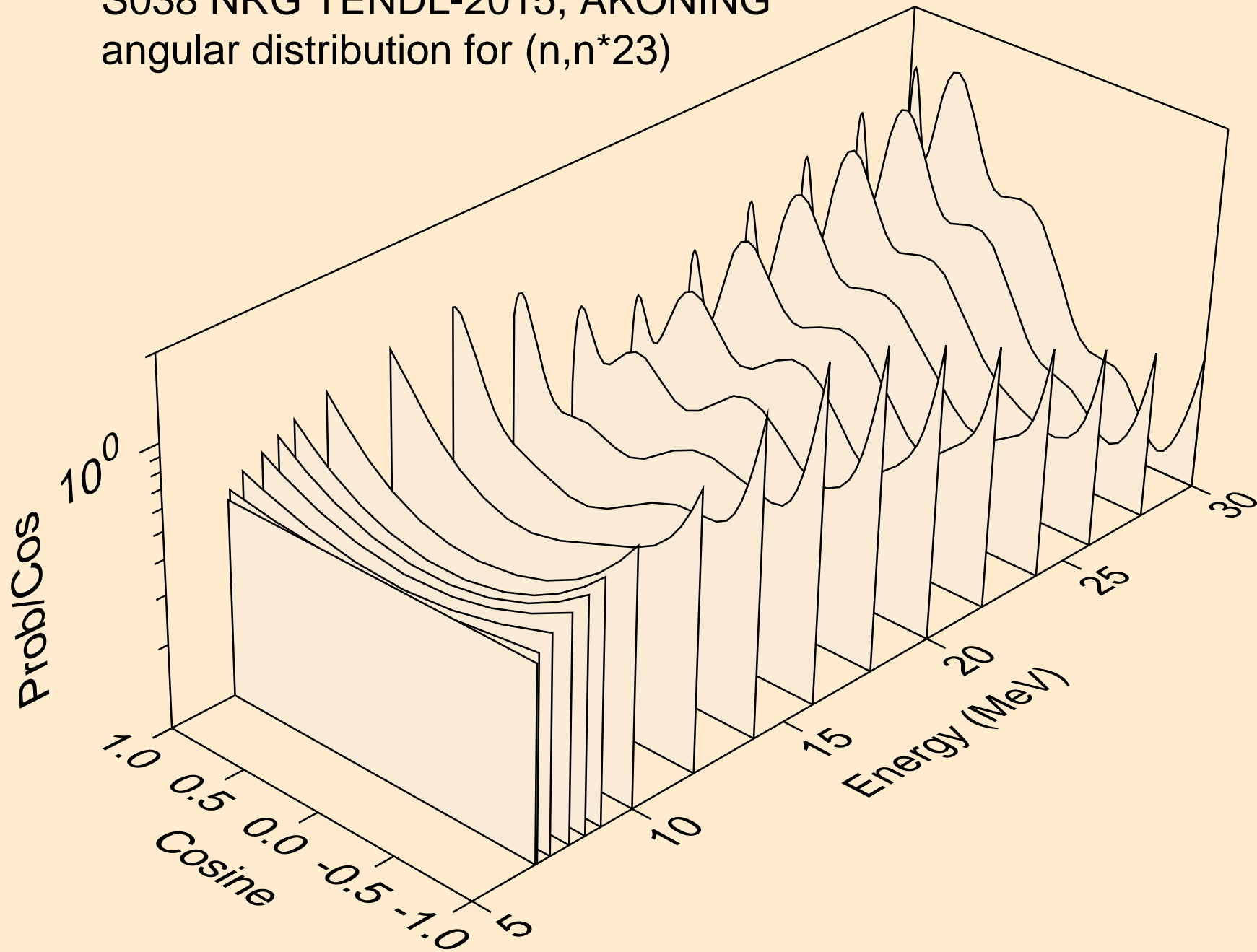
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



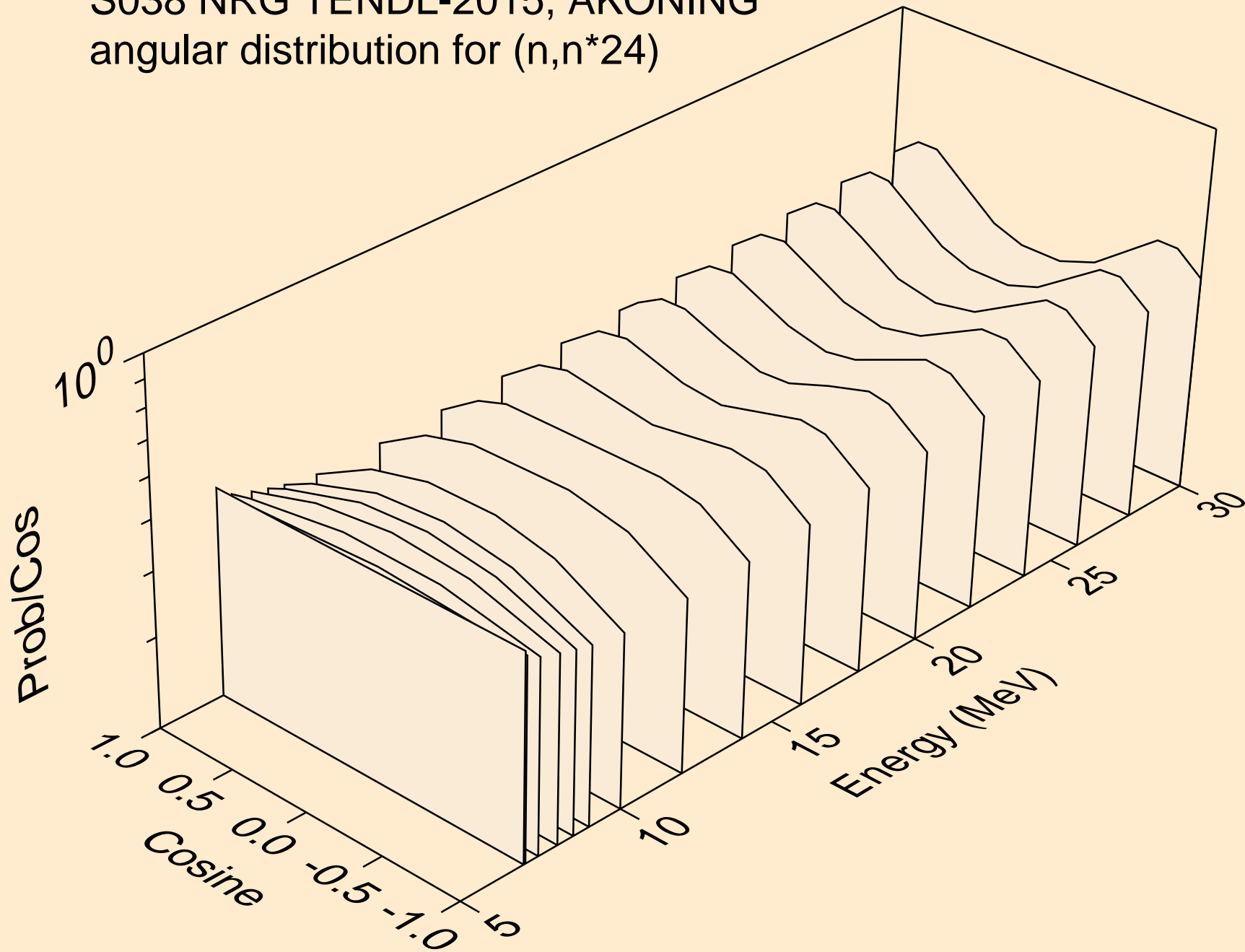
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

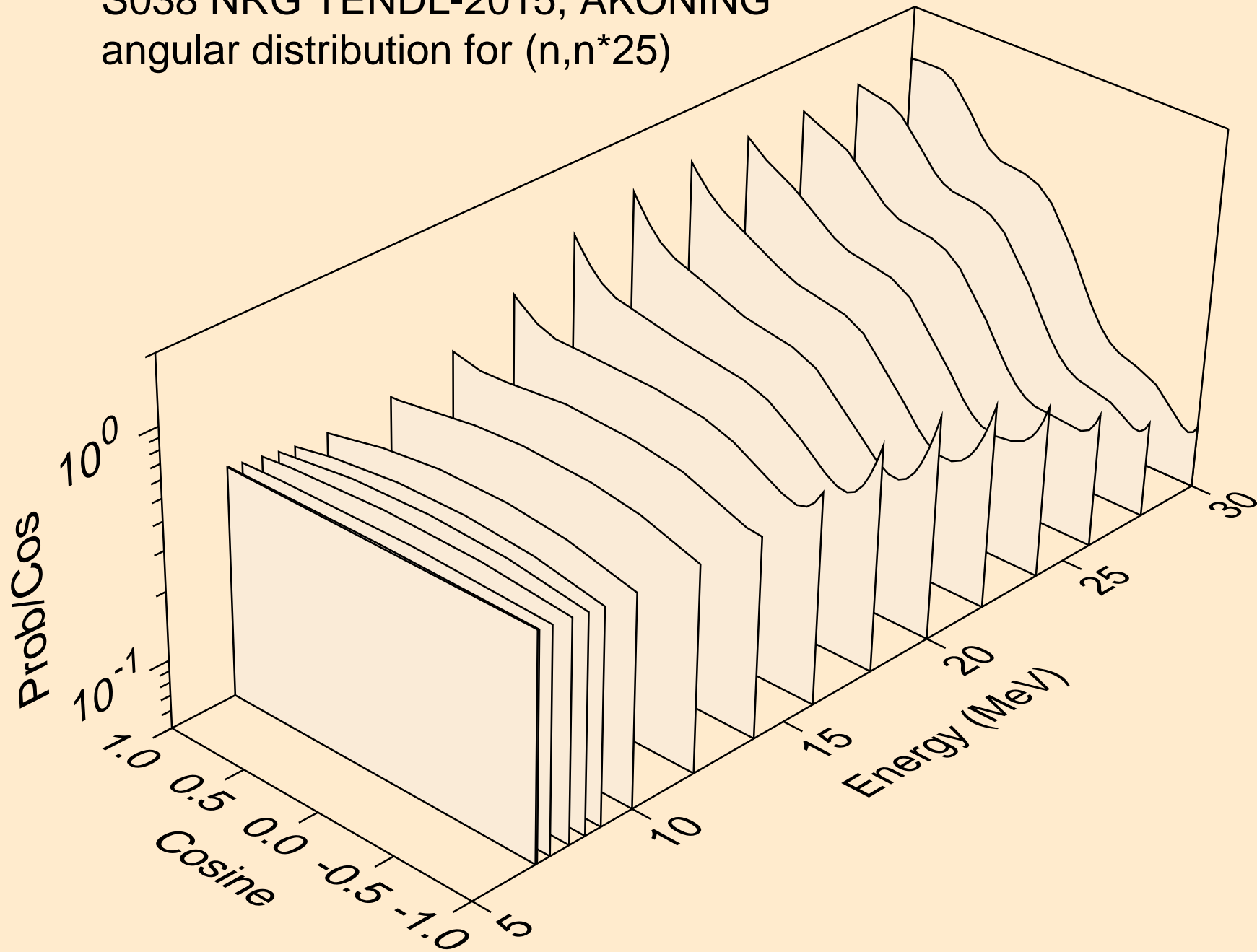


S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

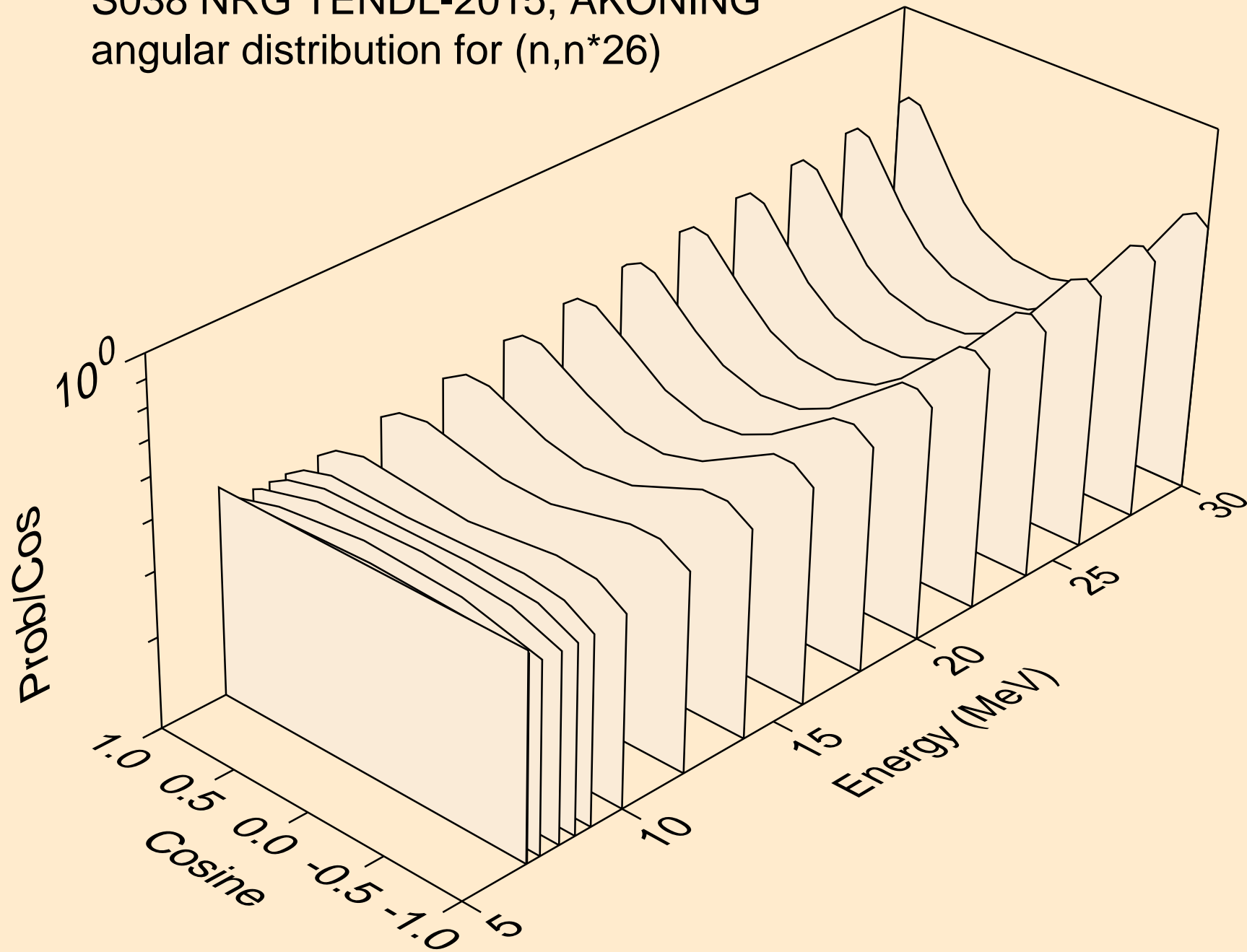




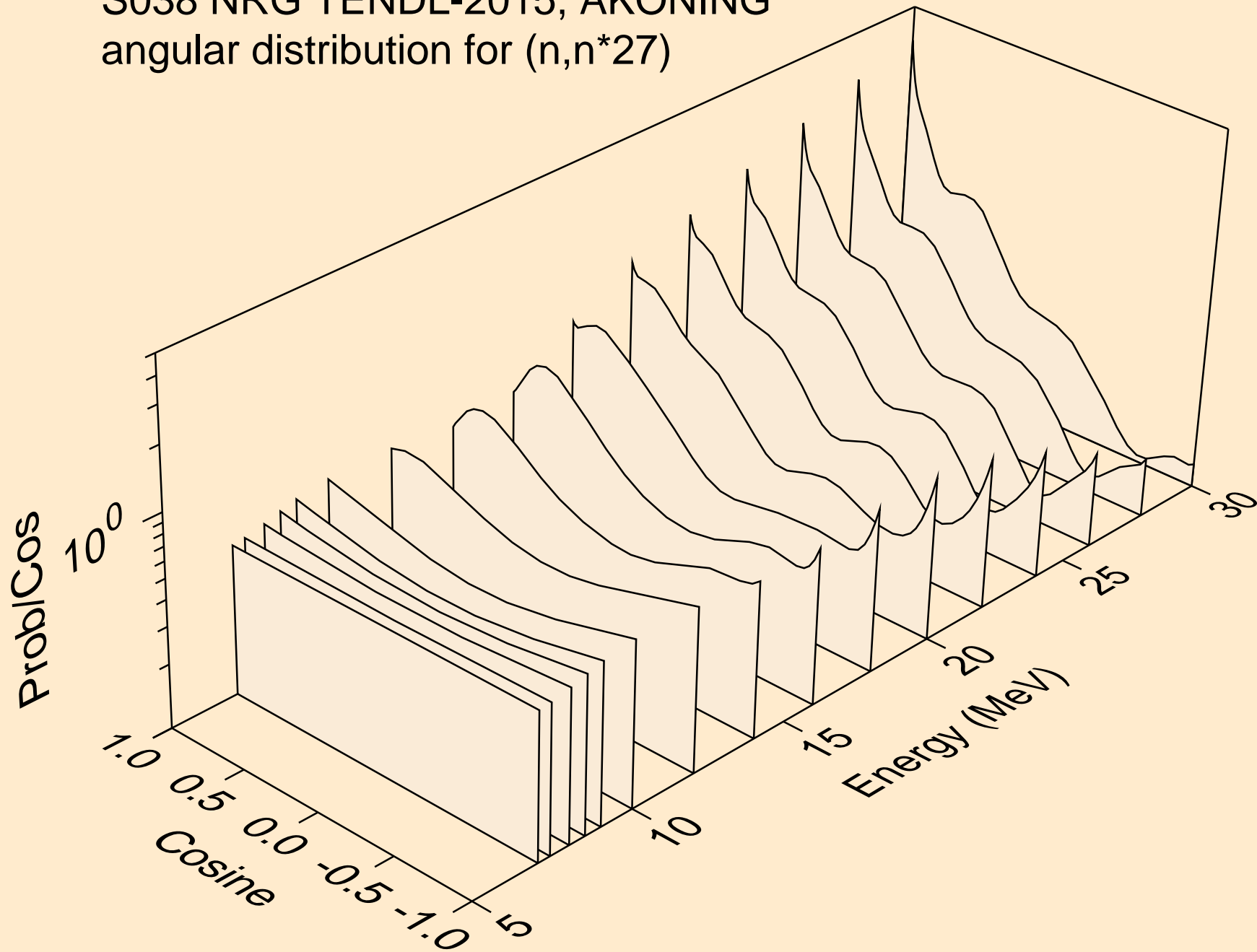
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



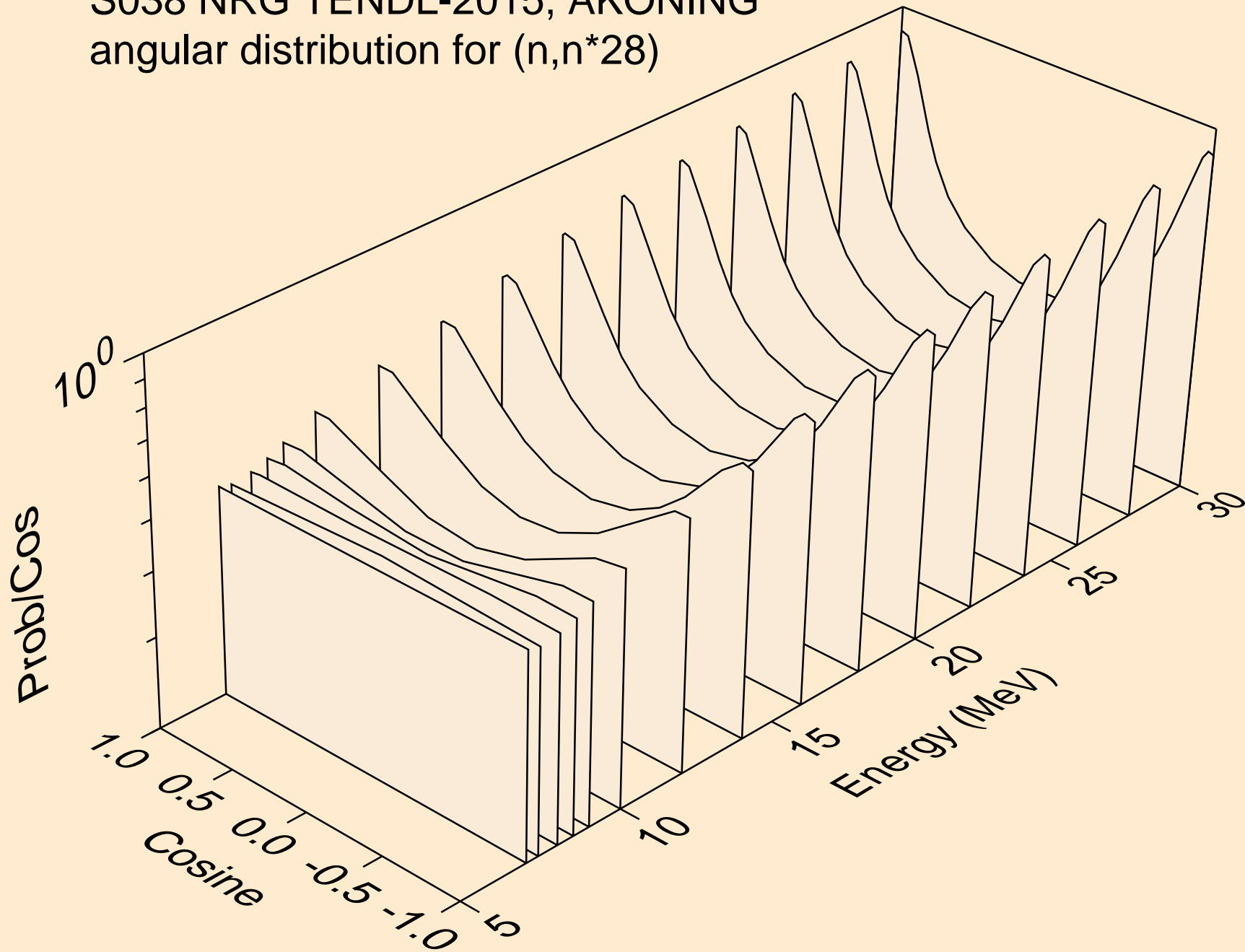
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



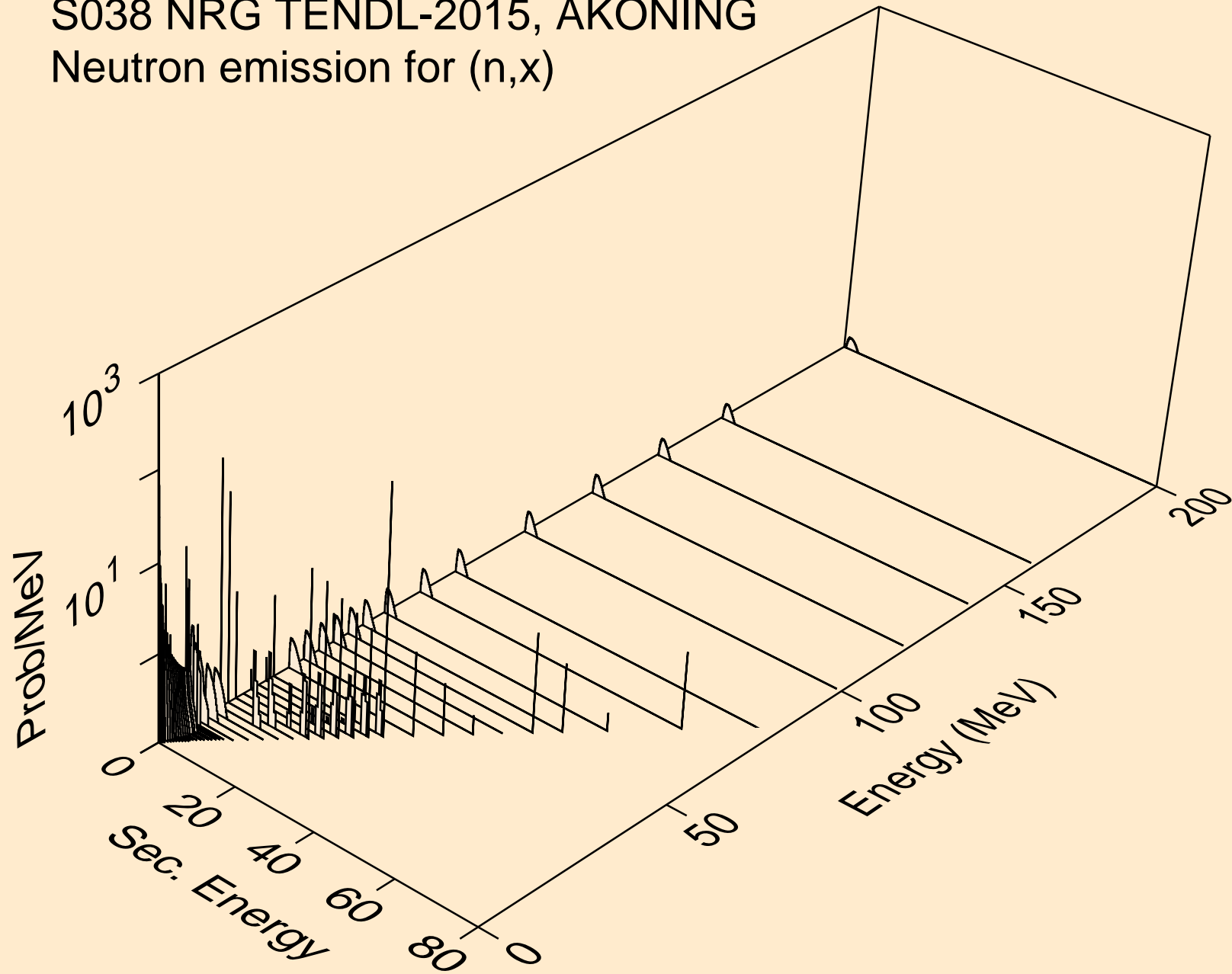
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



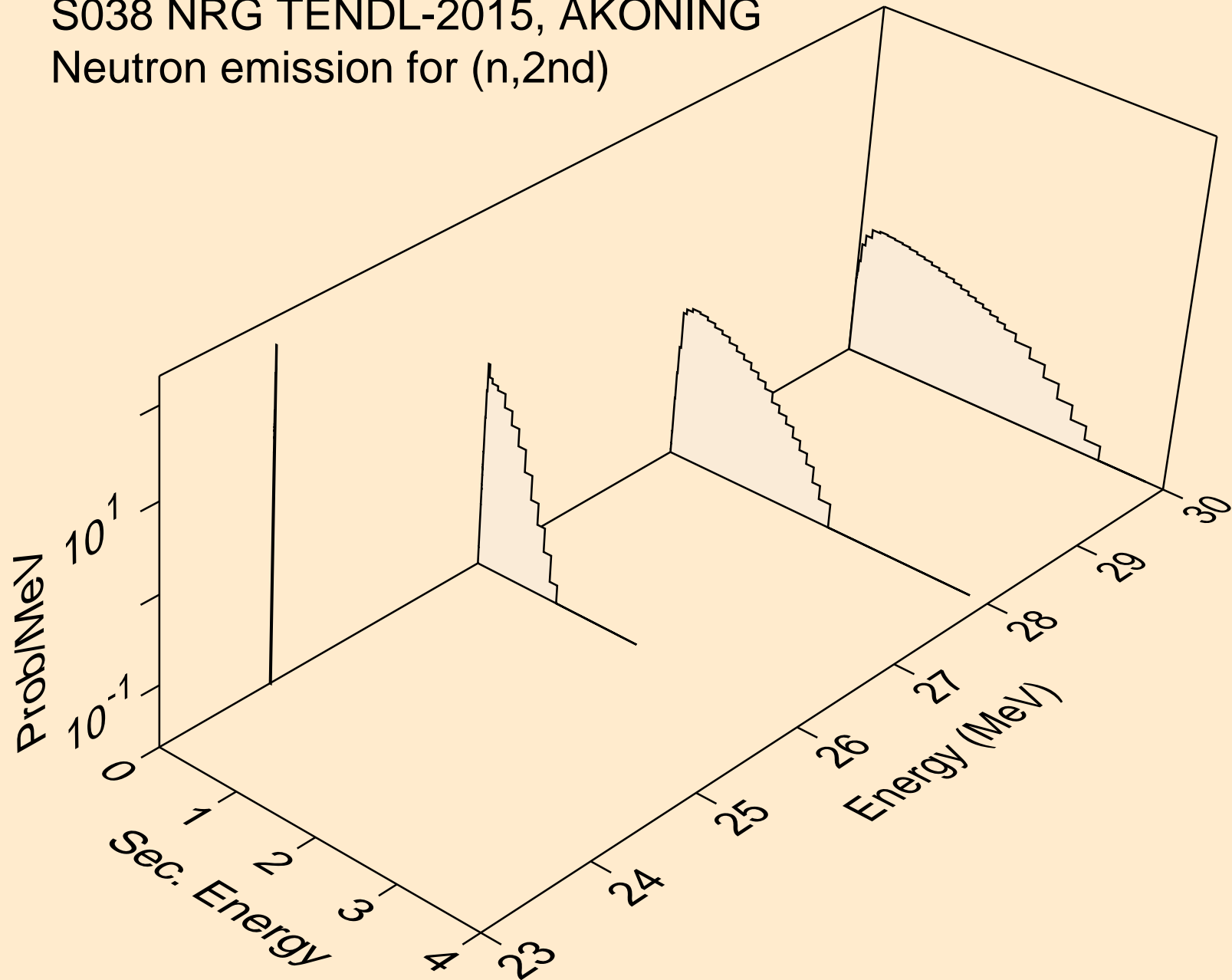
S038 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



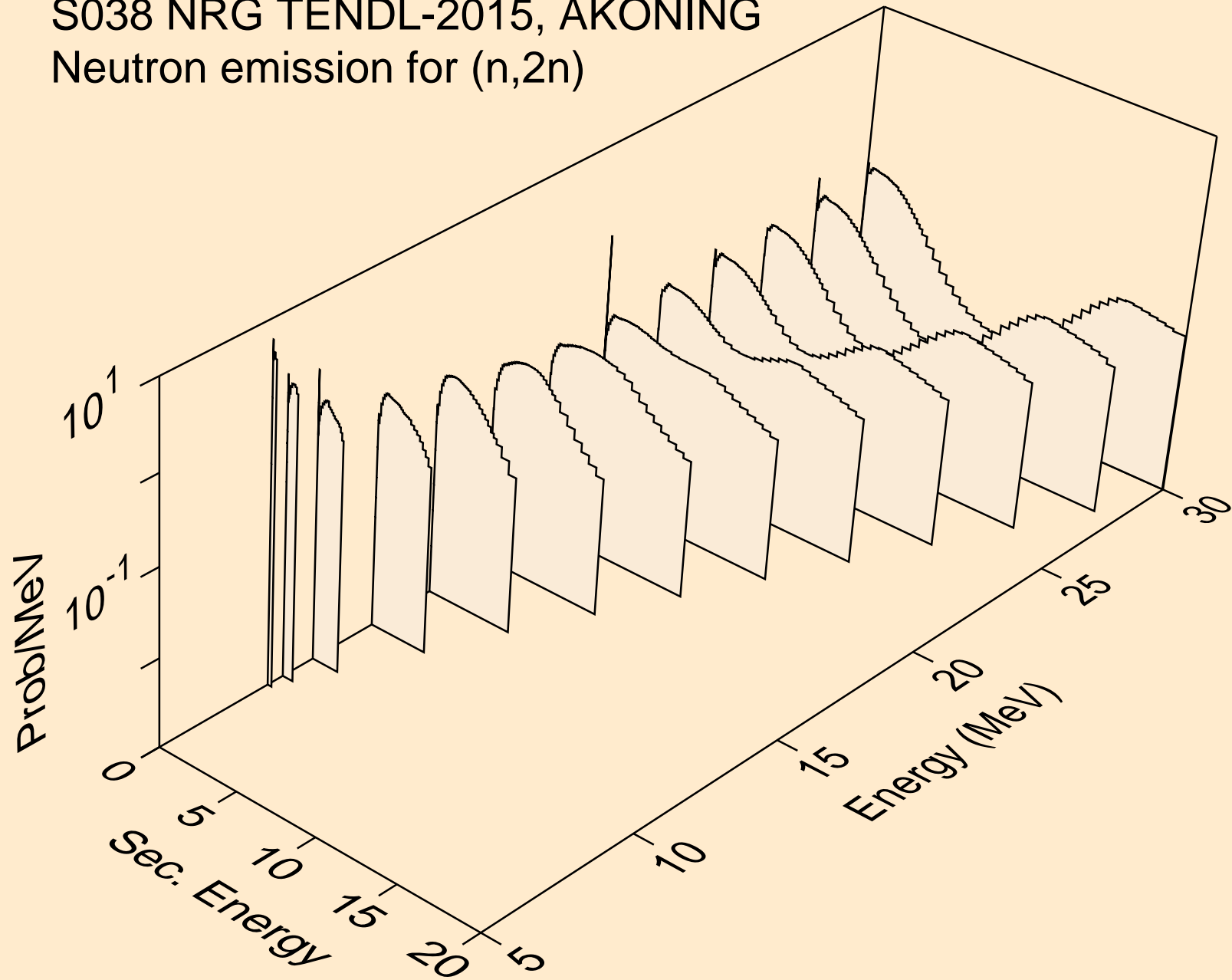
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



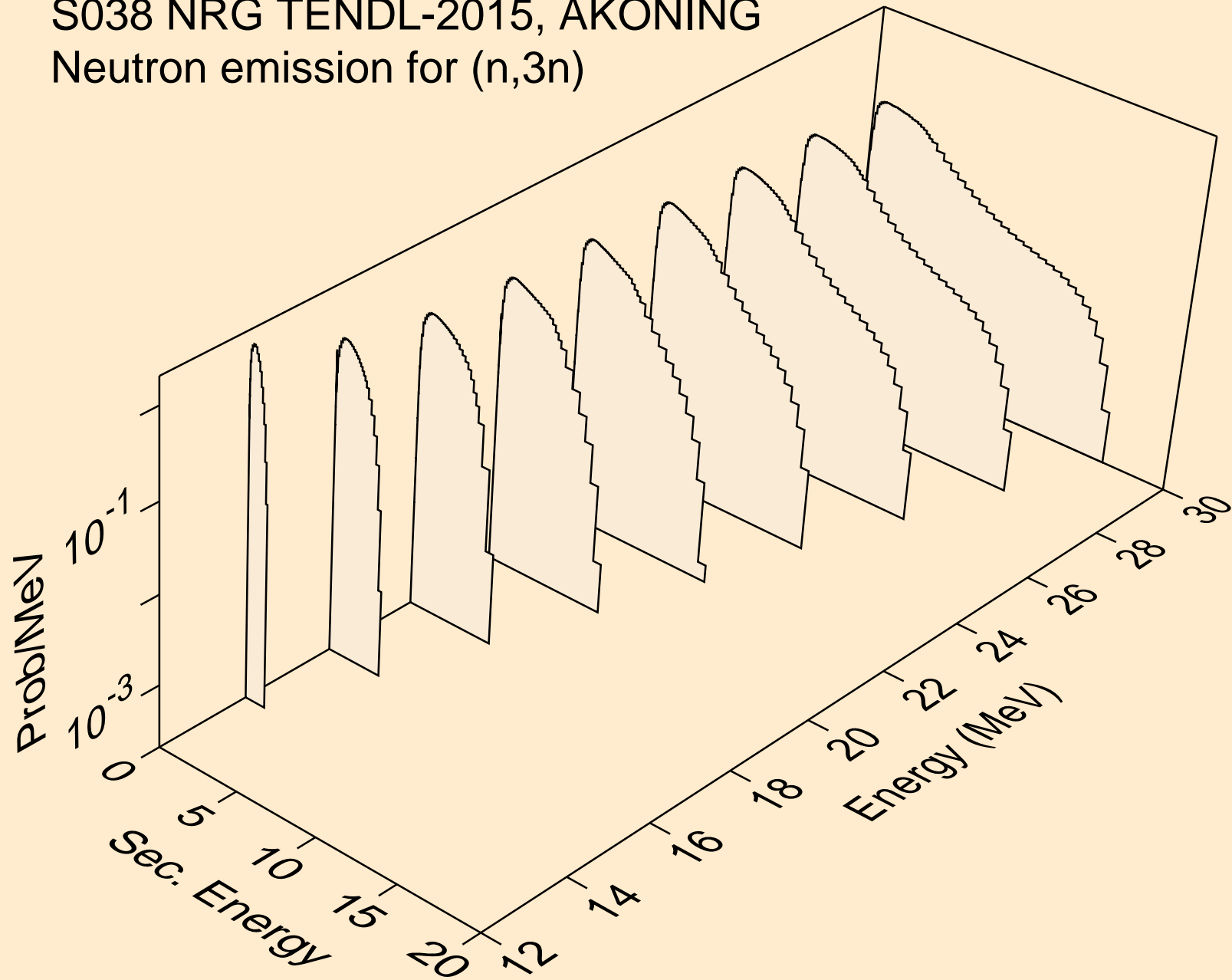
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

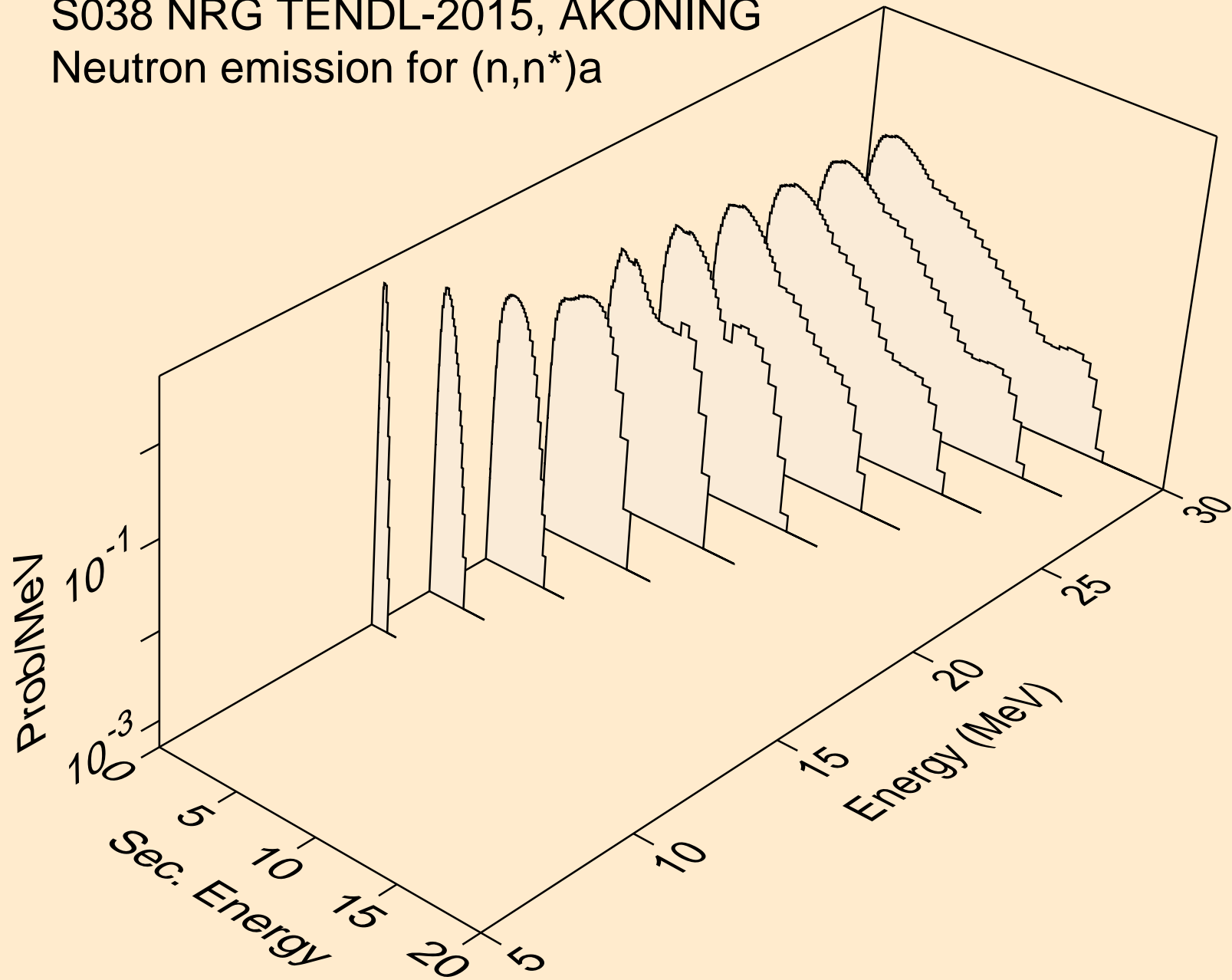


S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

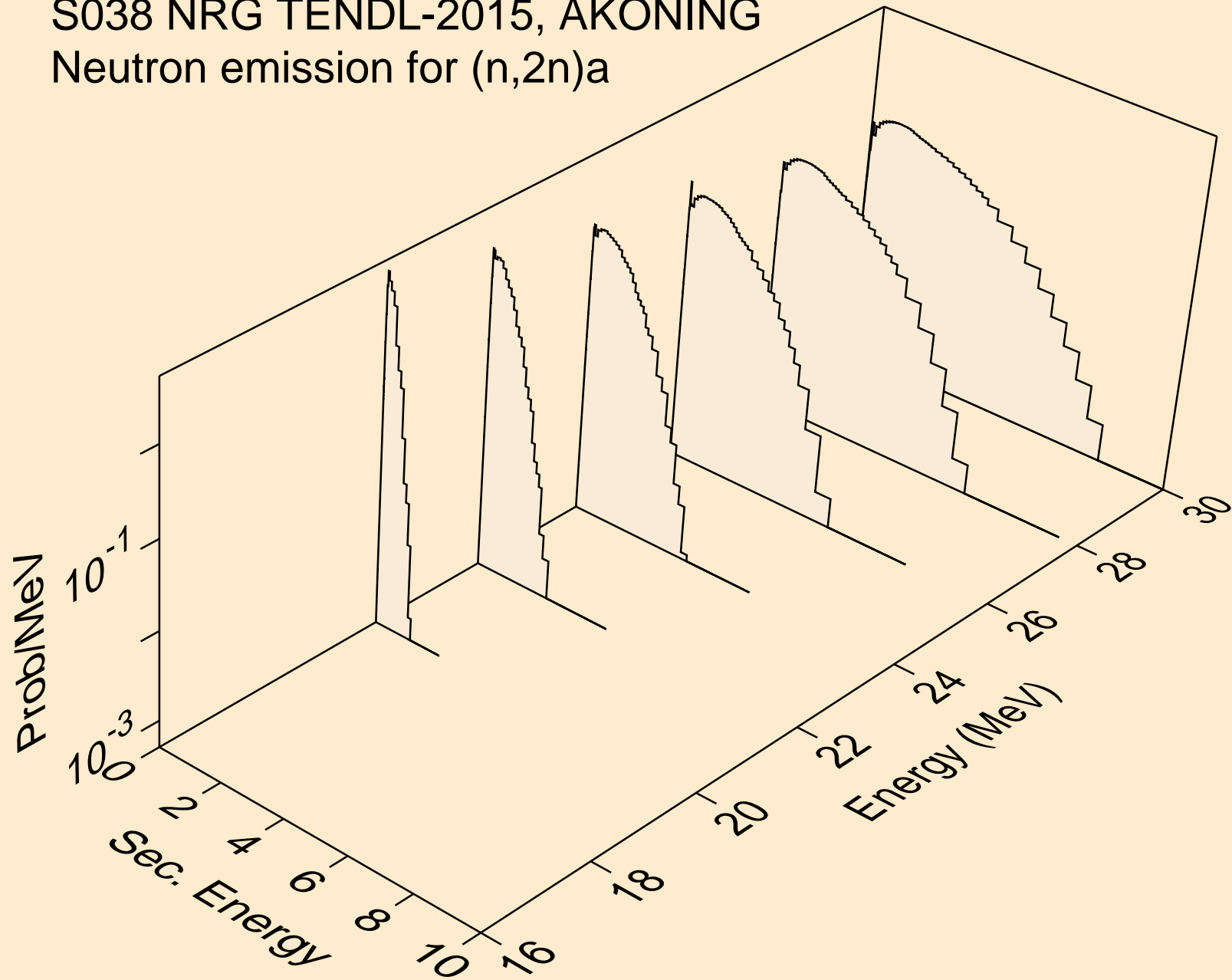




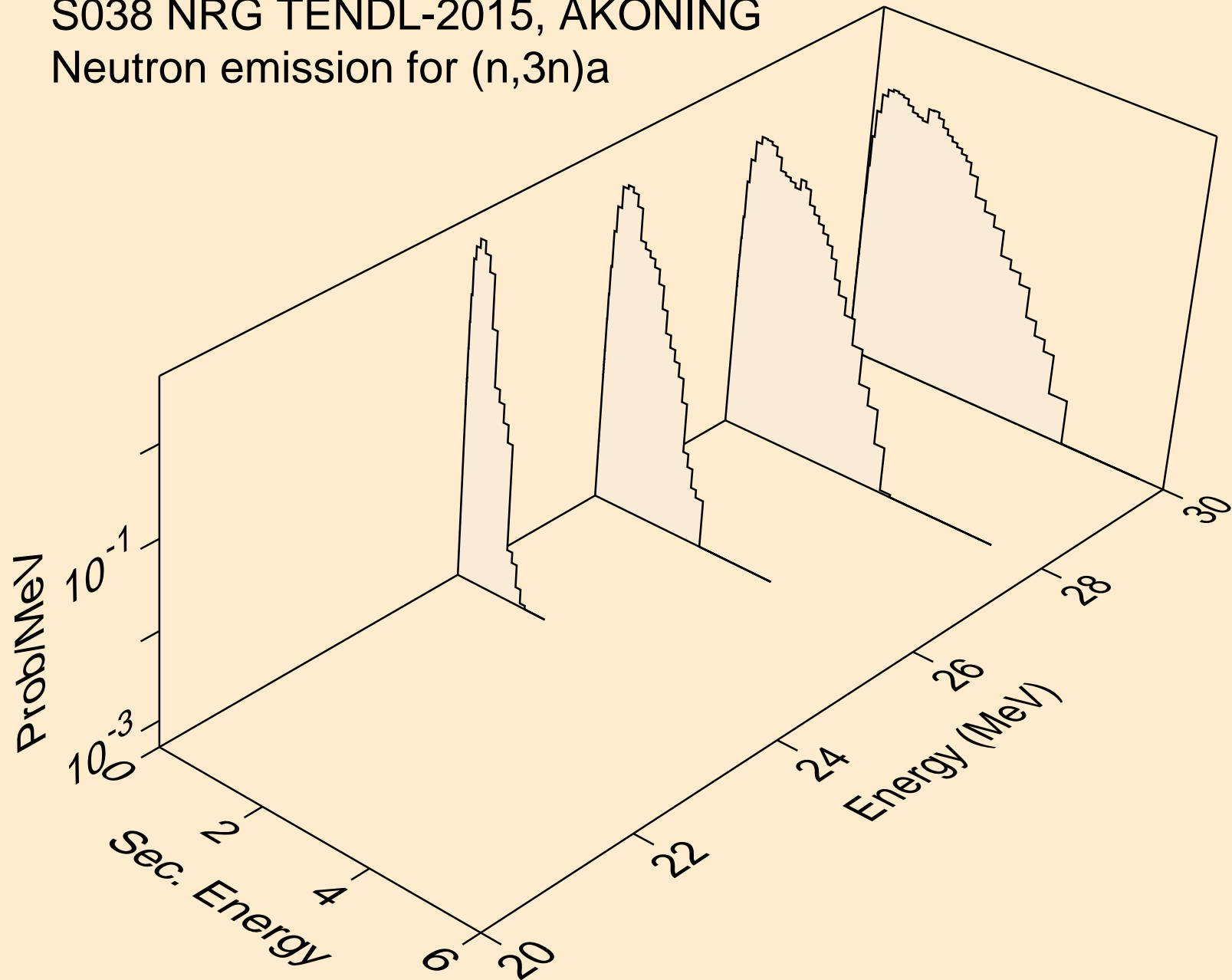
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



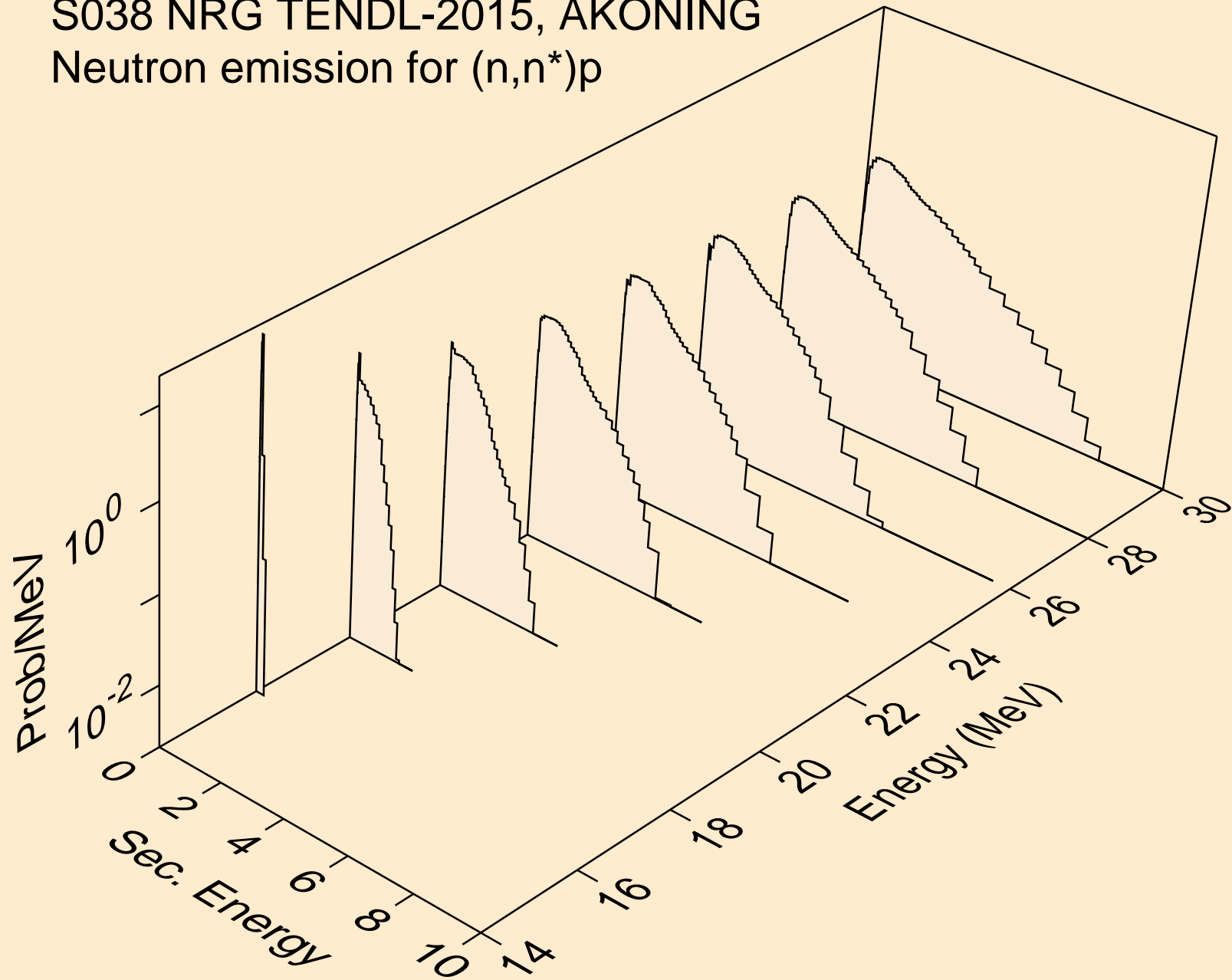
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



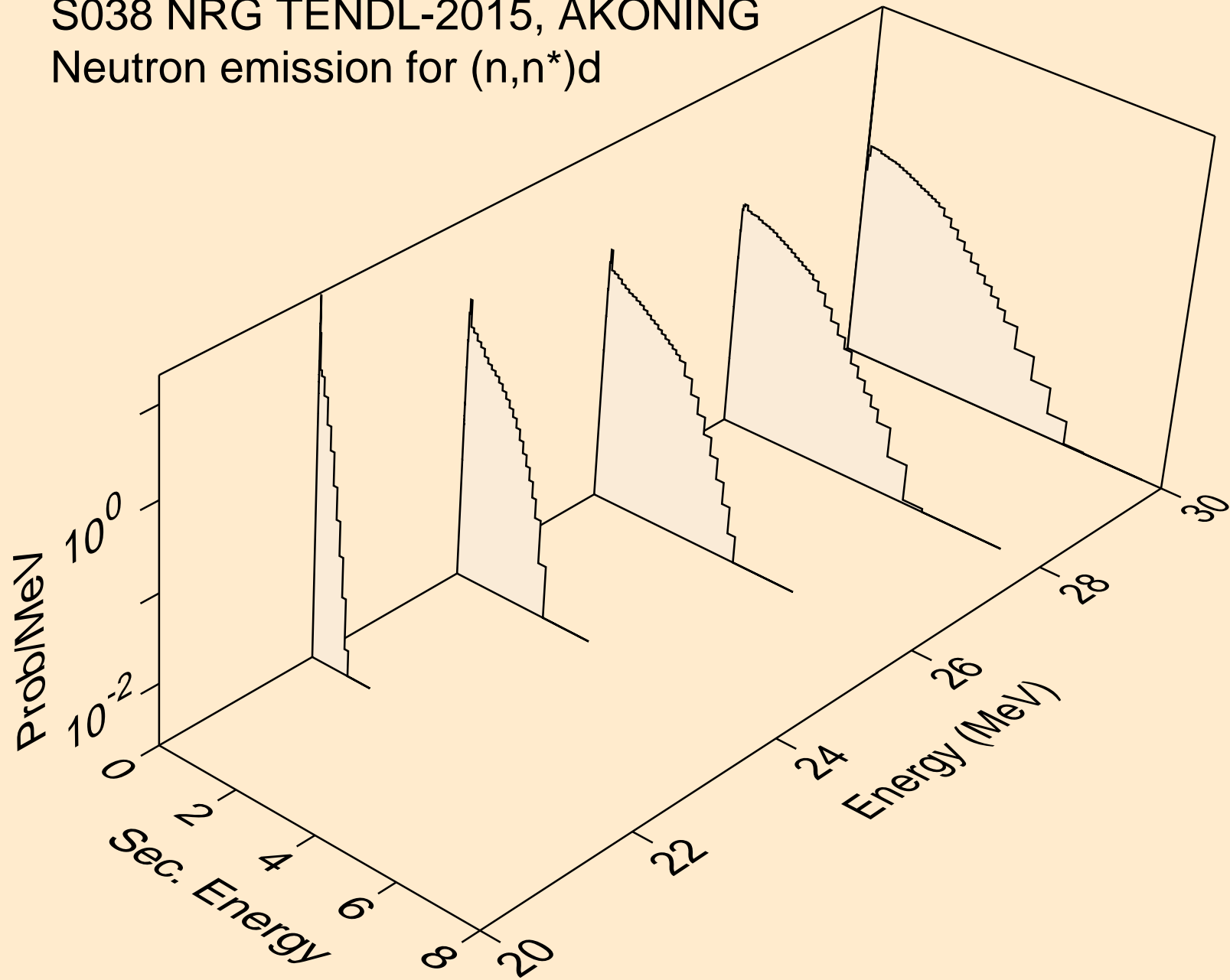
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



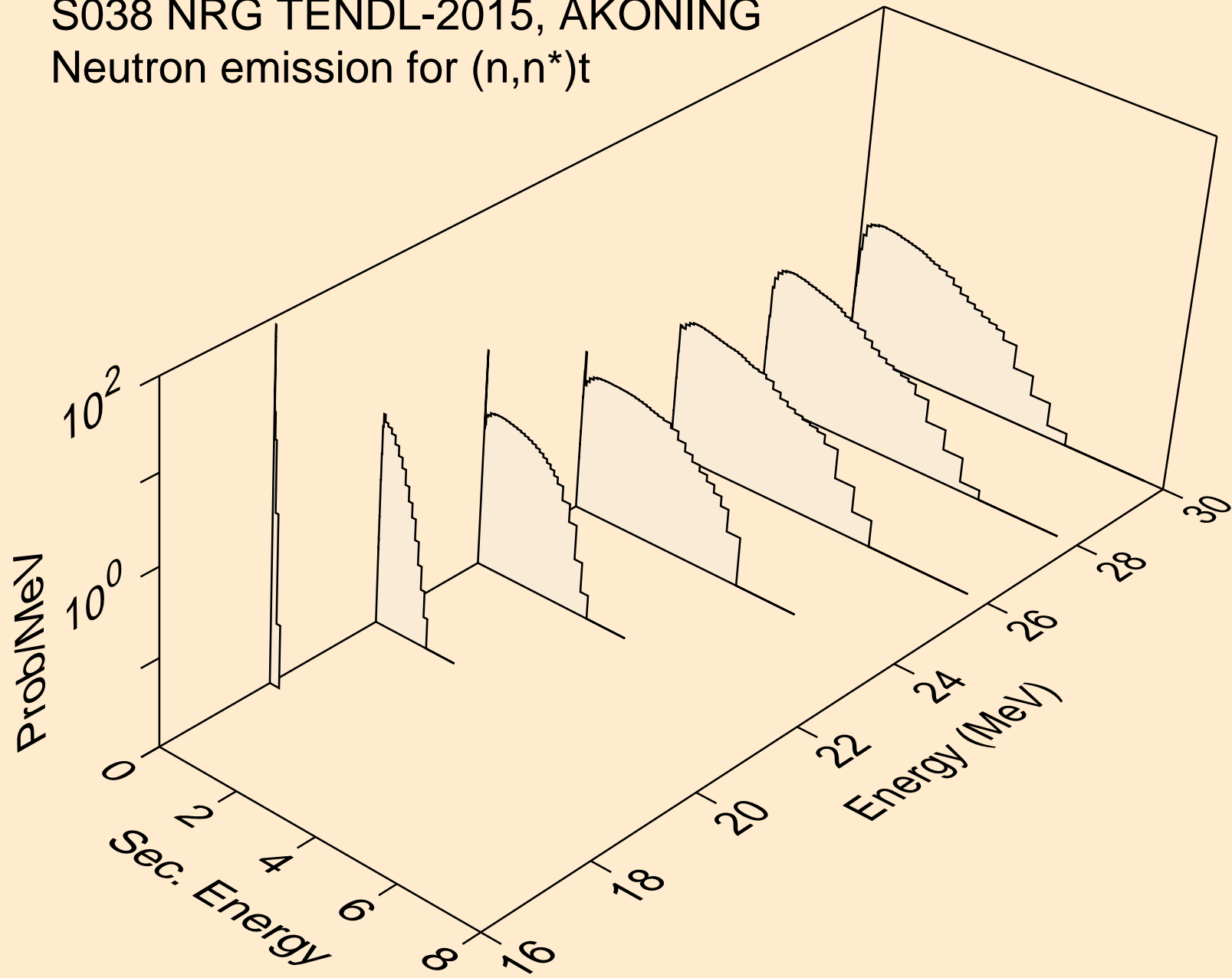
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



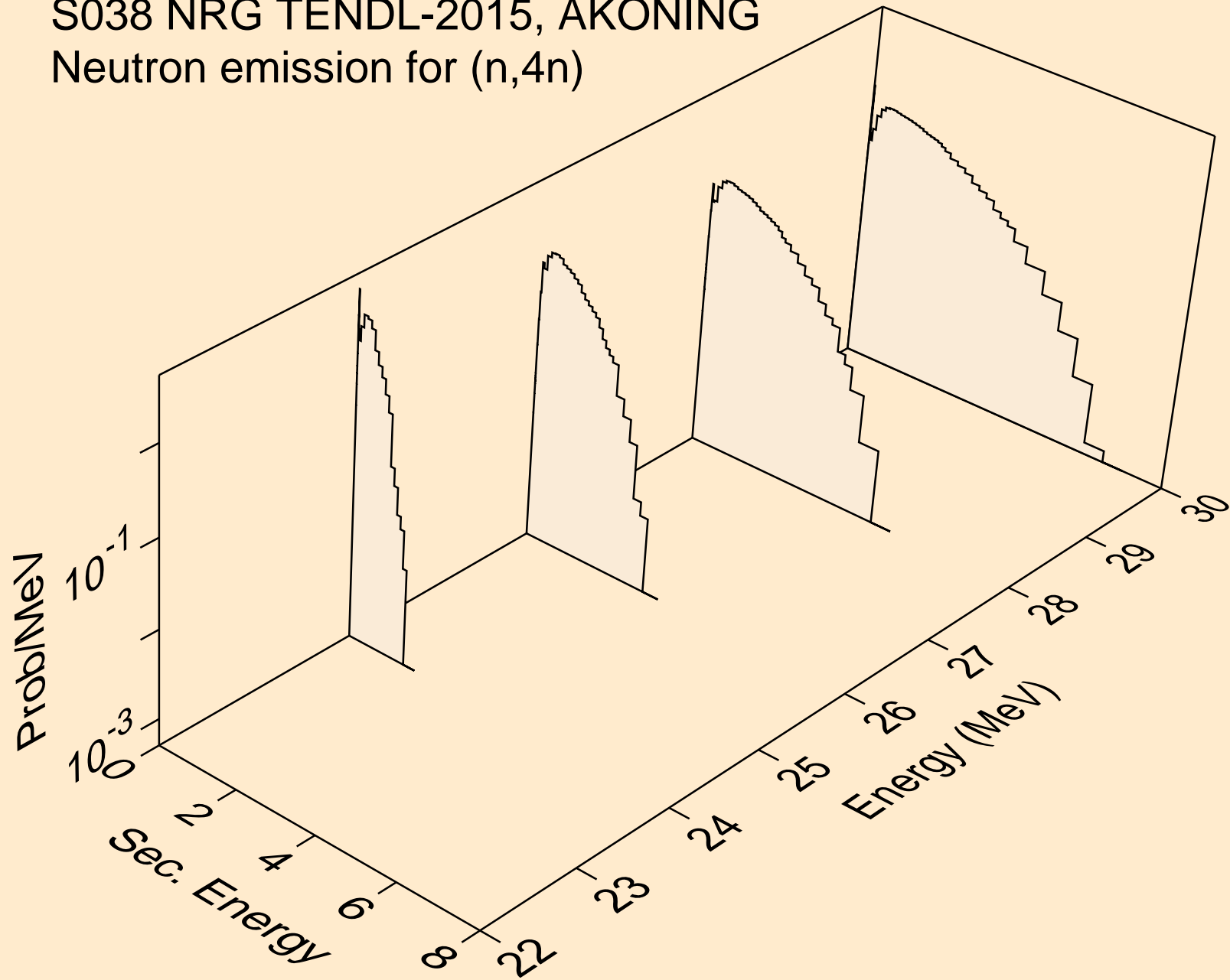
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



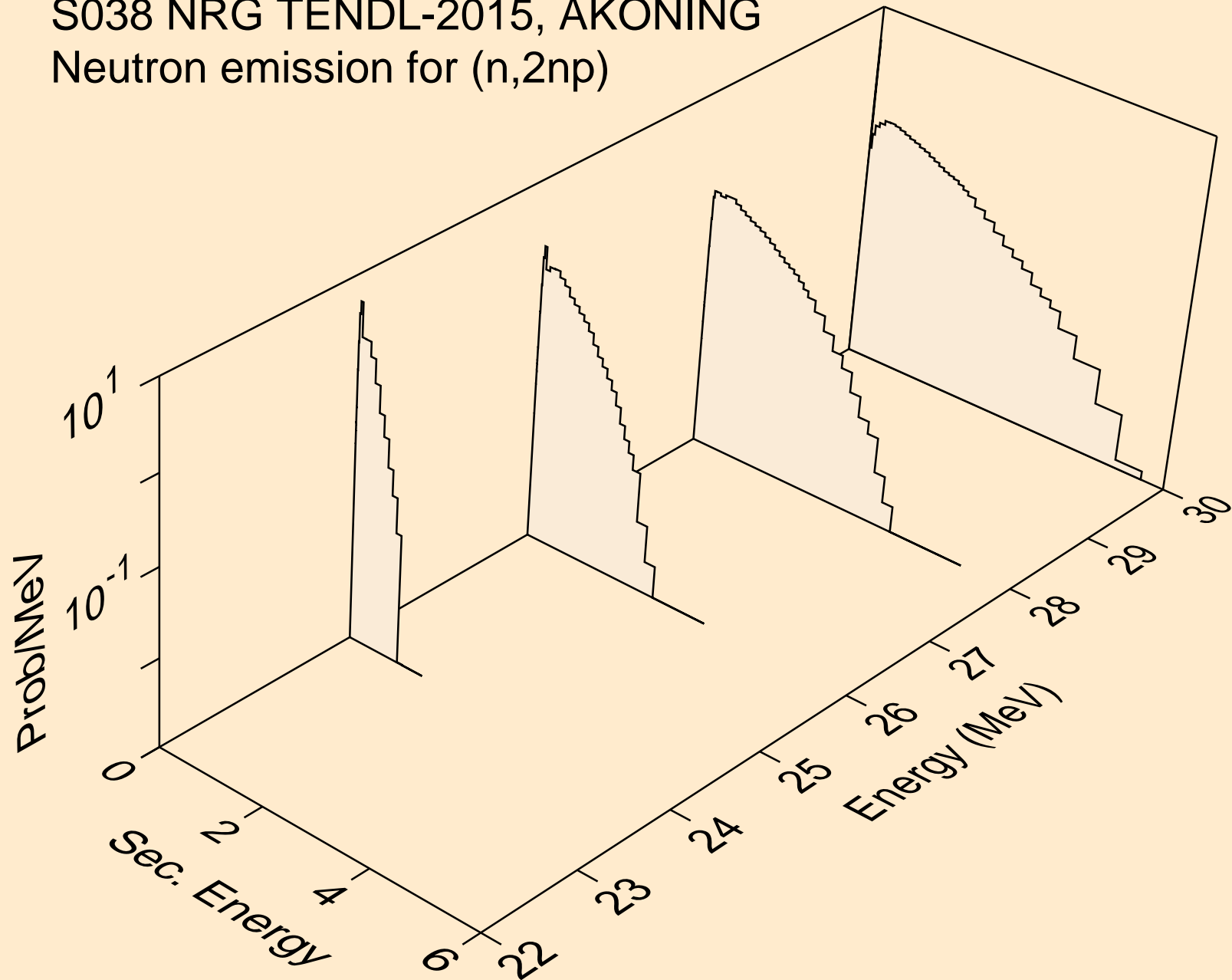
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

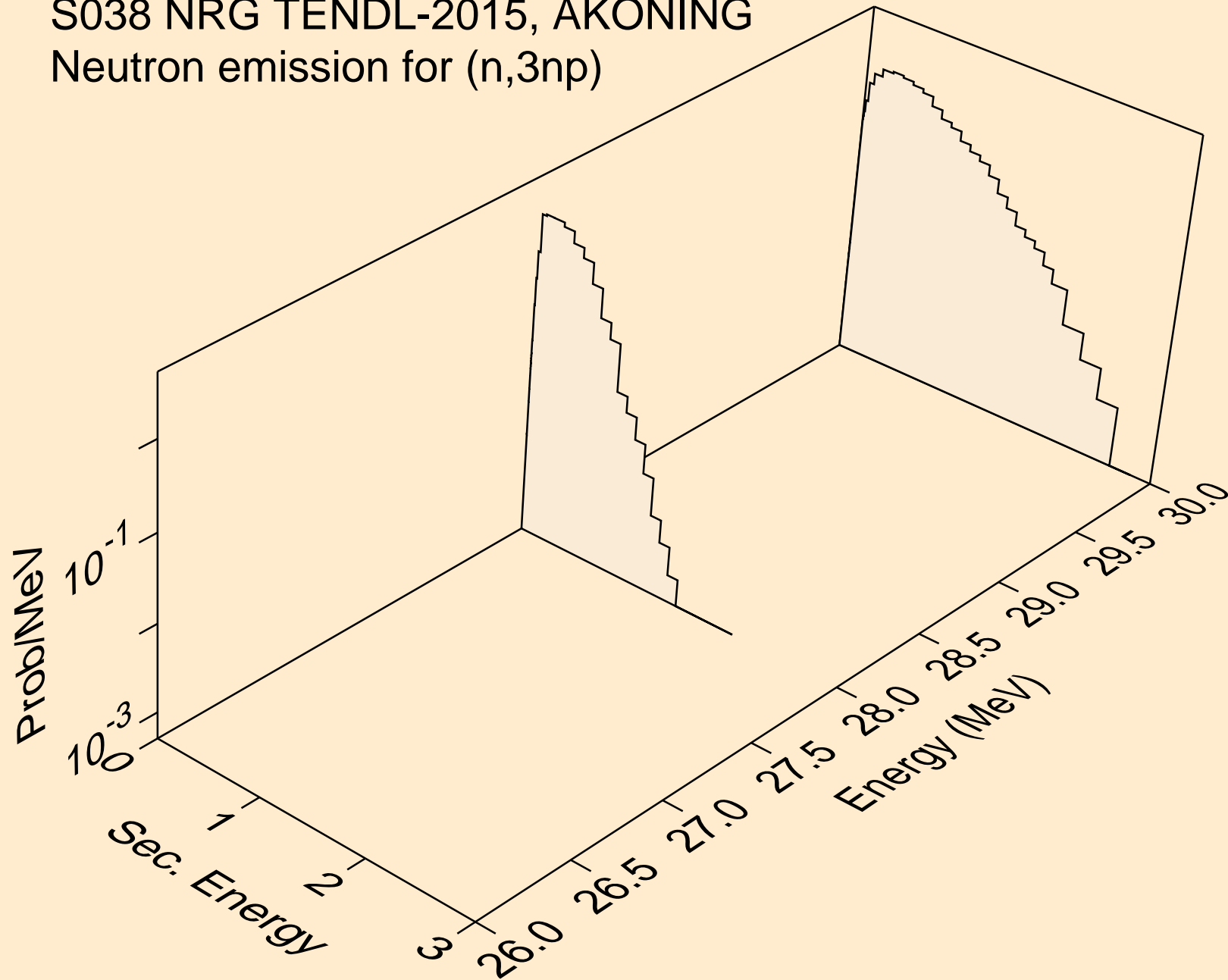


S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

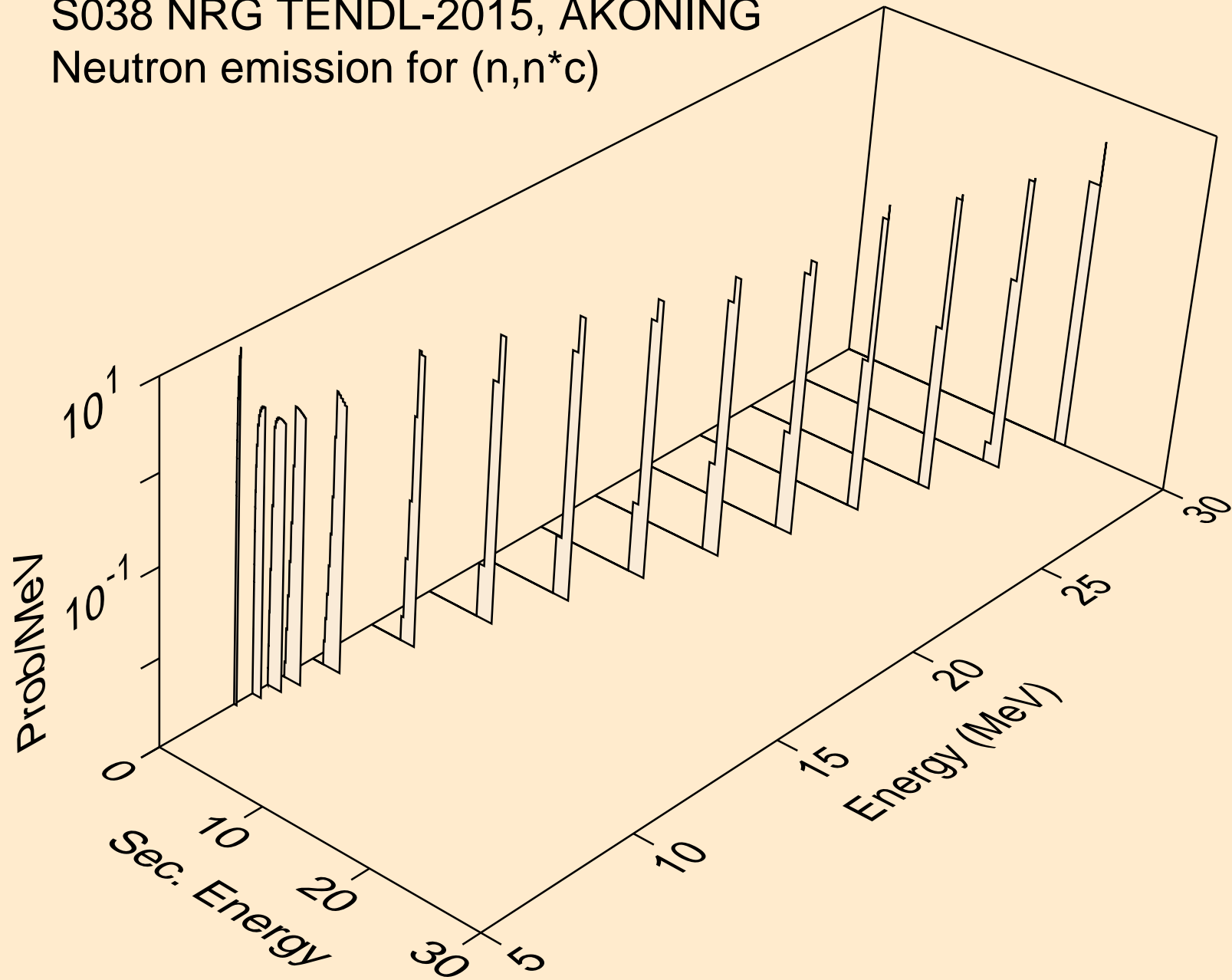




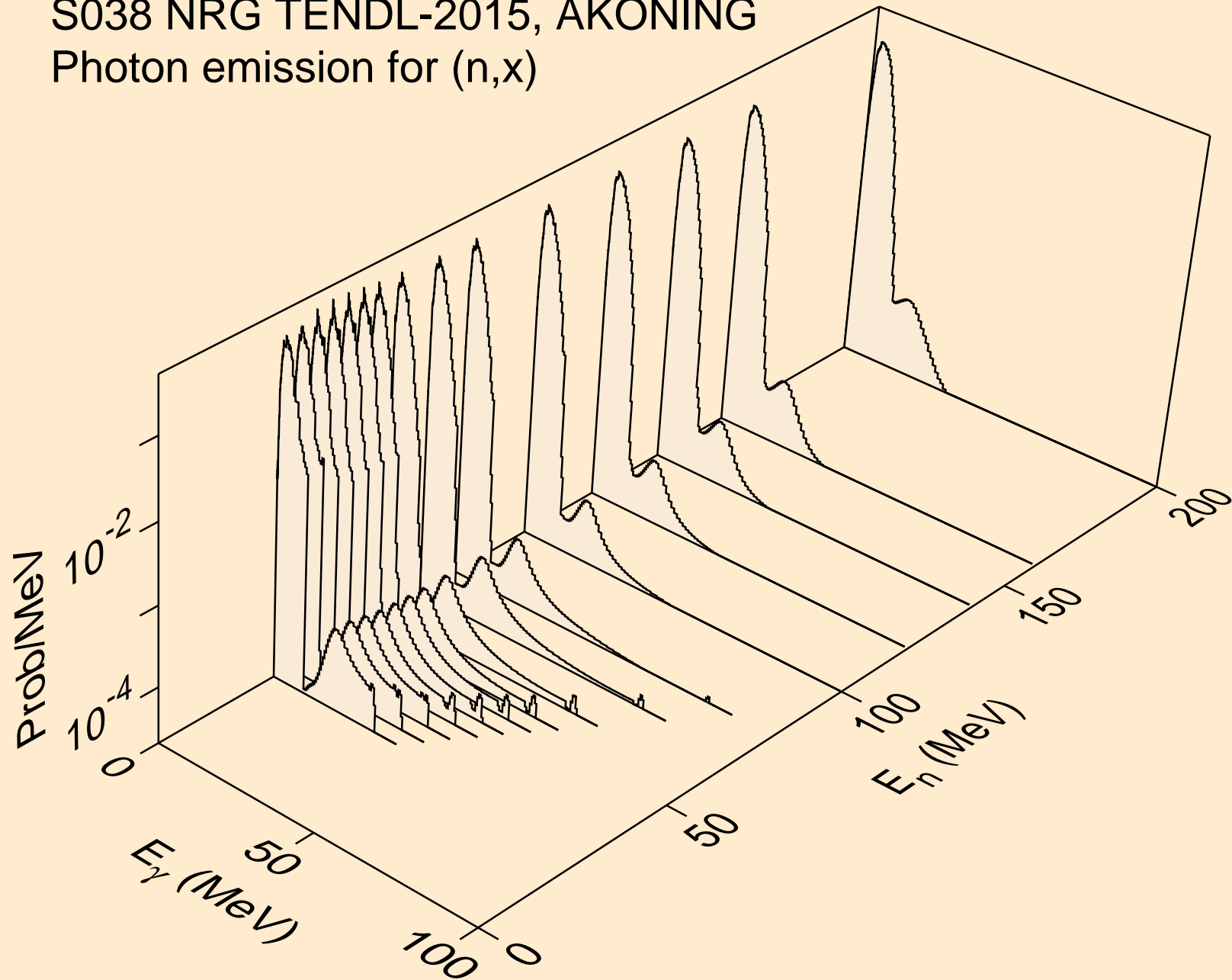
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



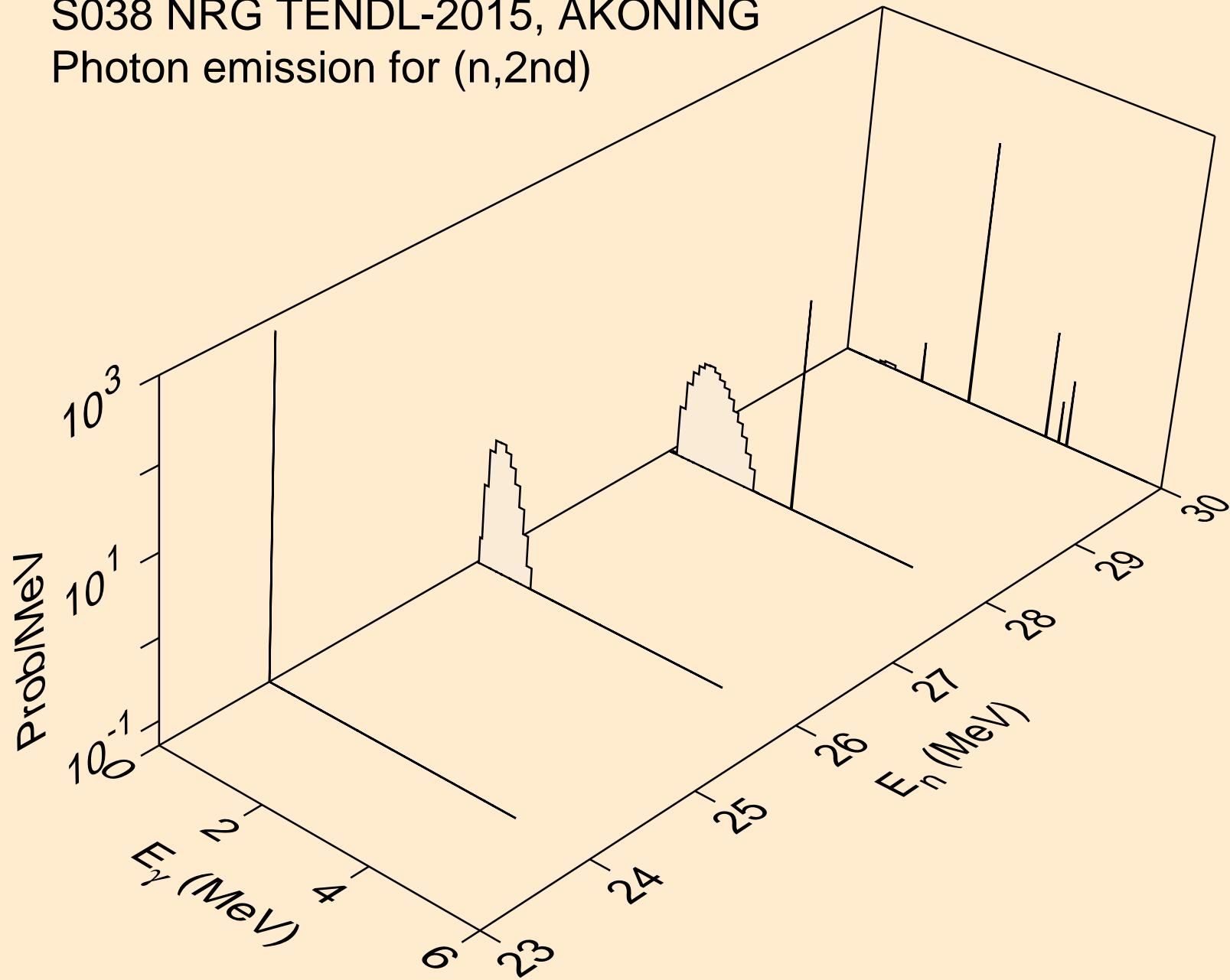
S038 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



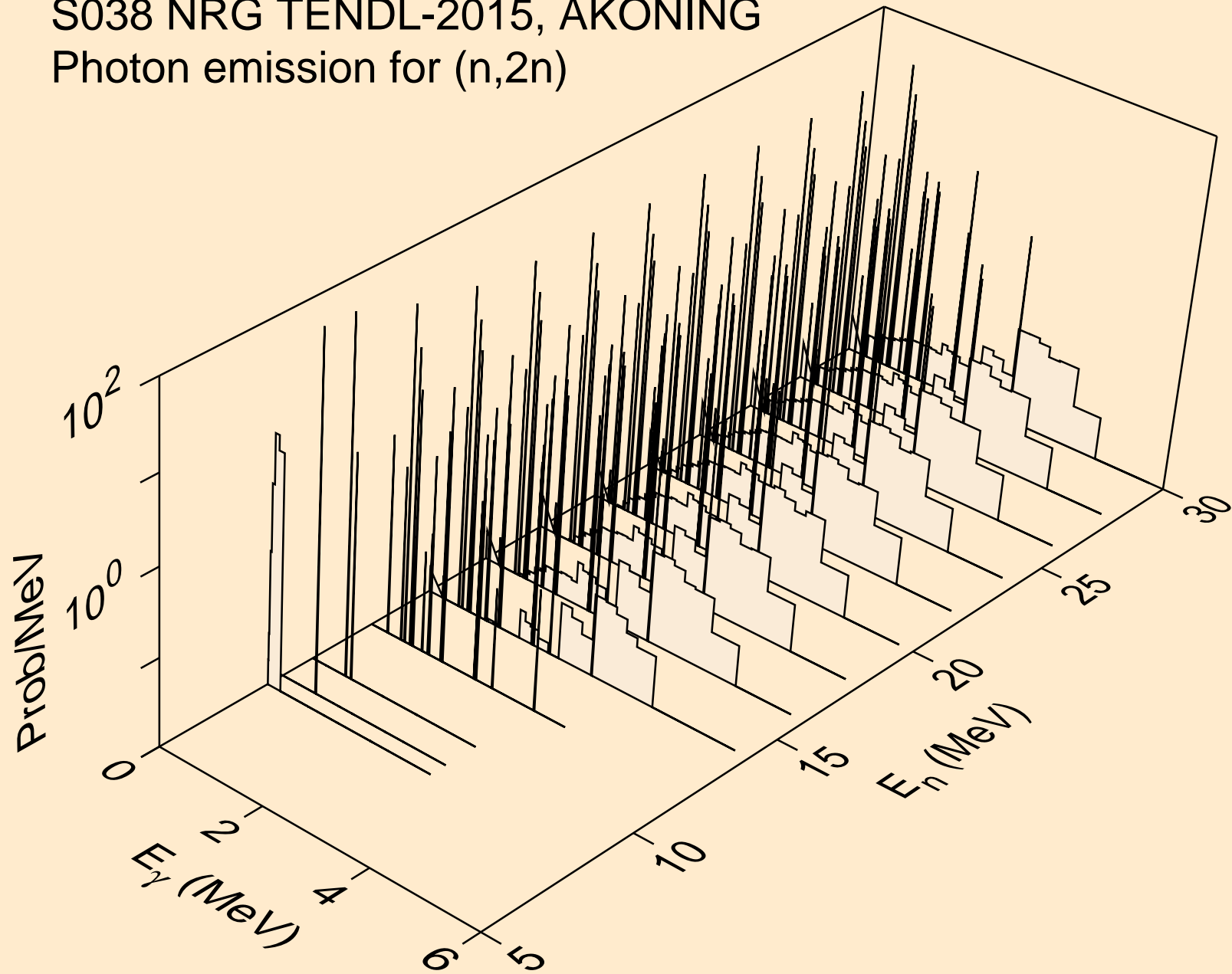
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



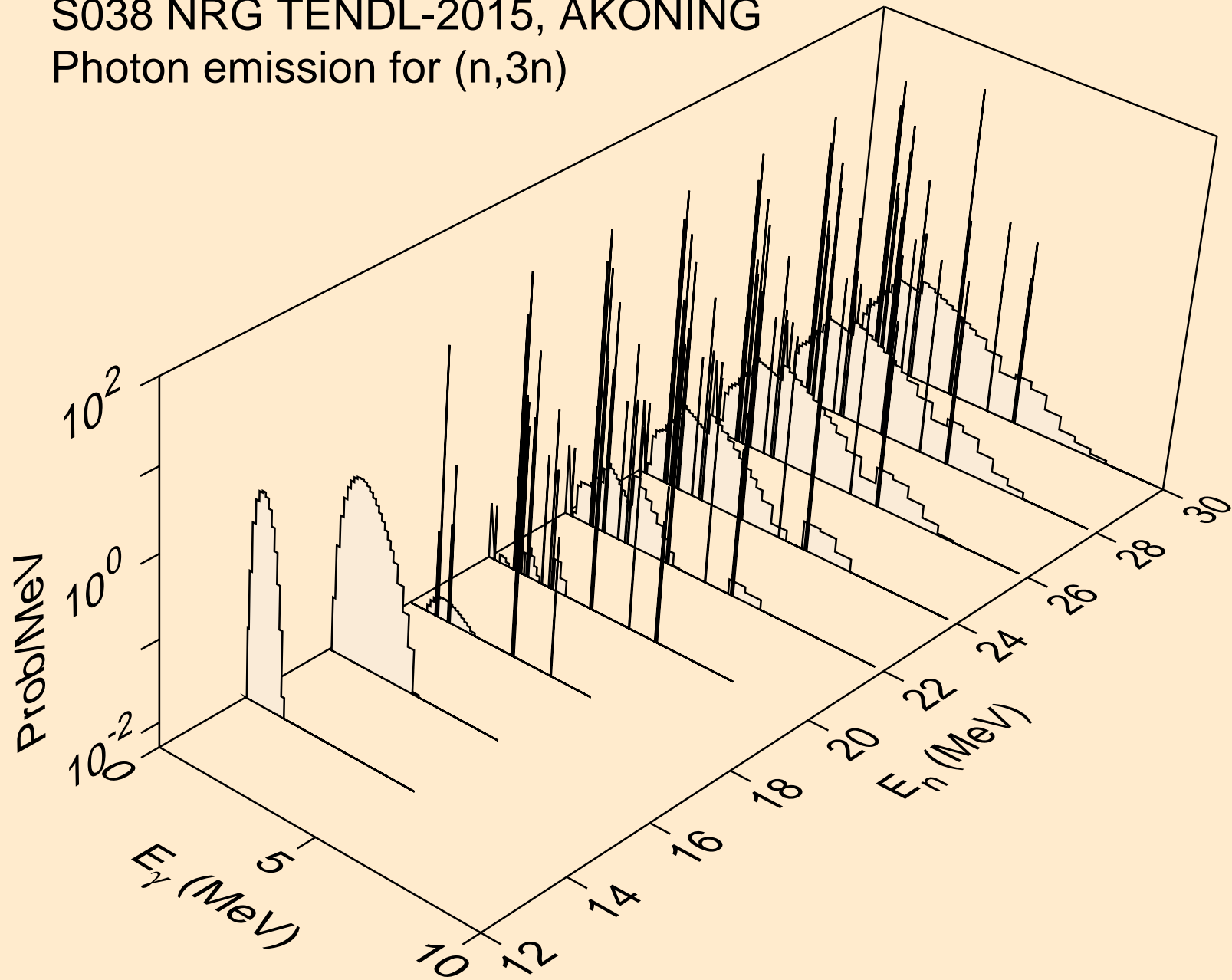
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



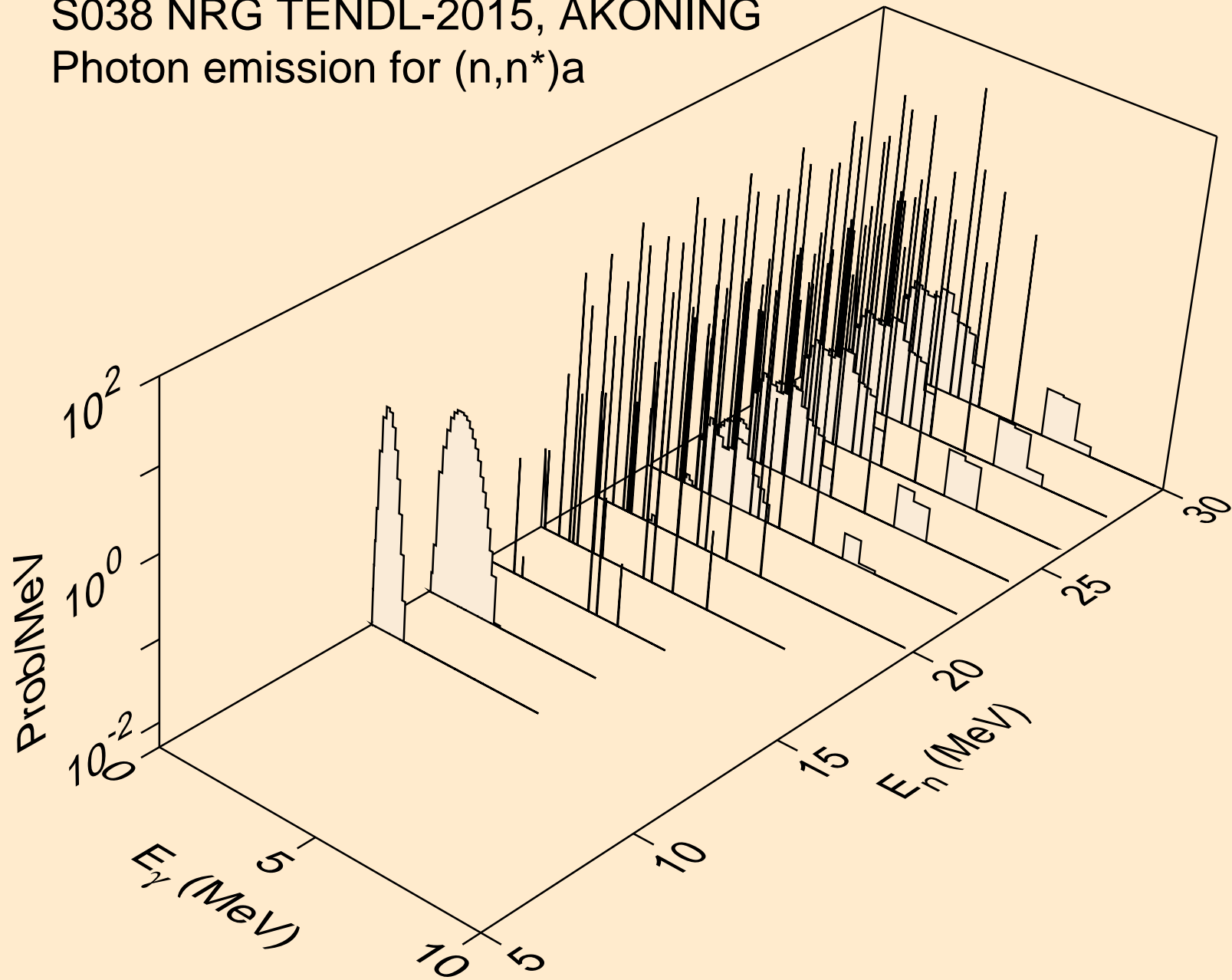
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



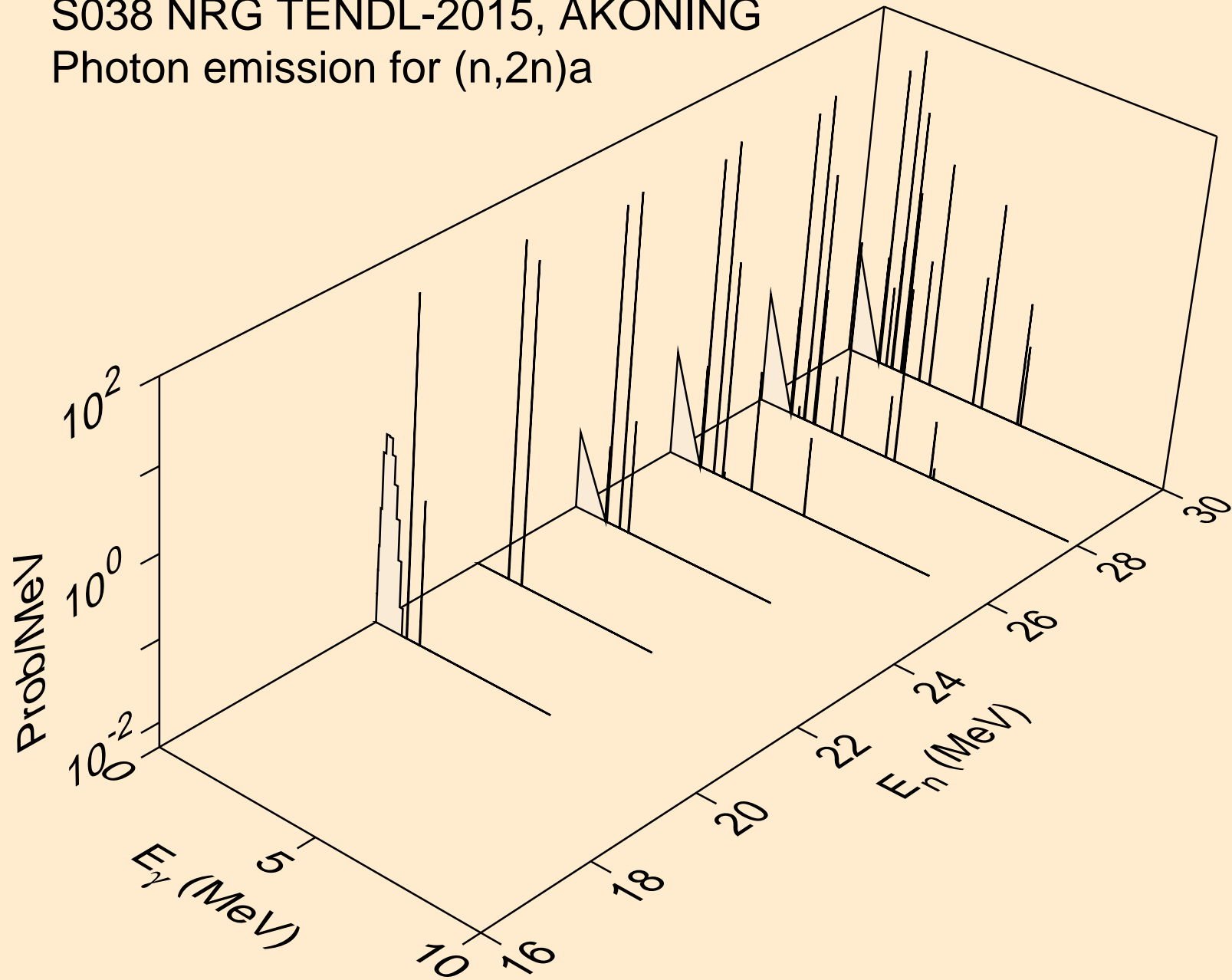
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



S038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

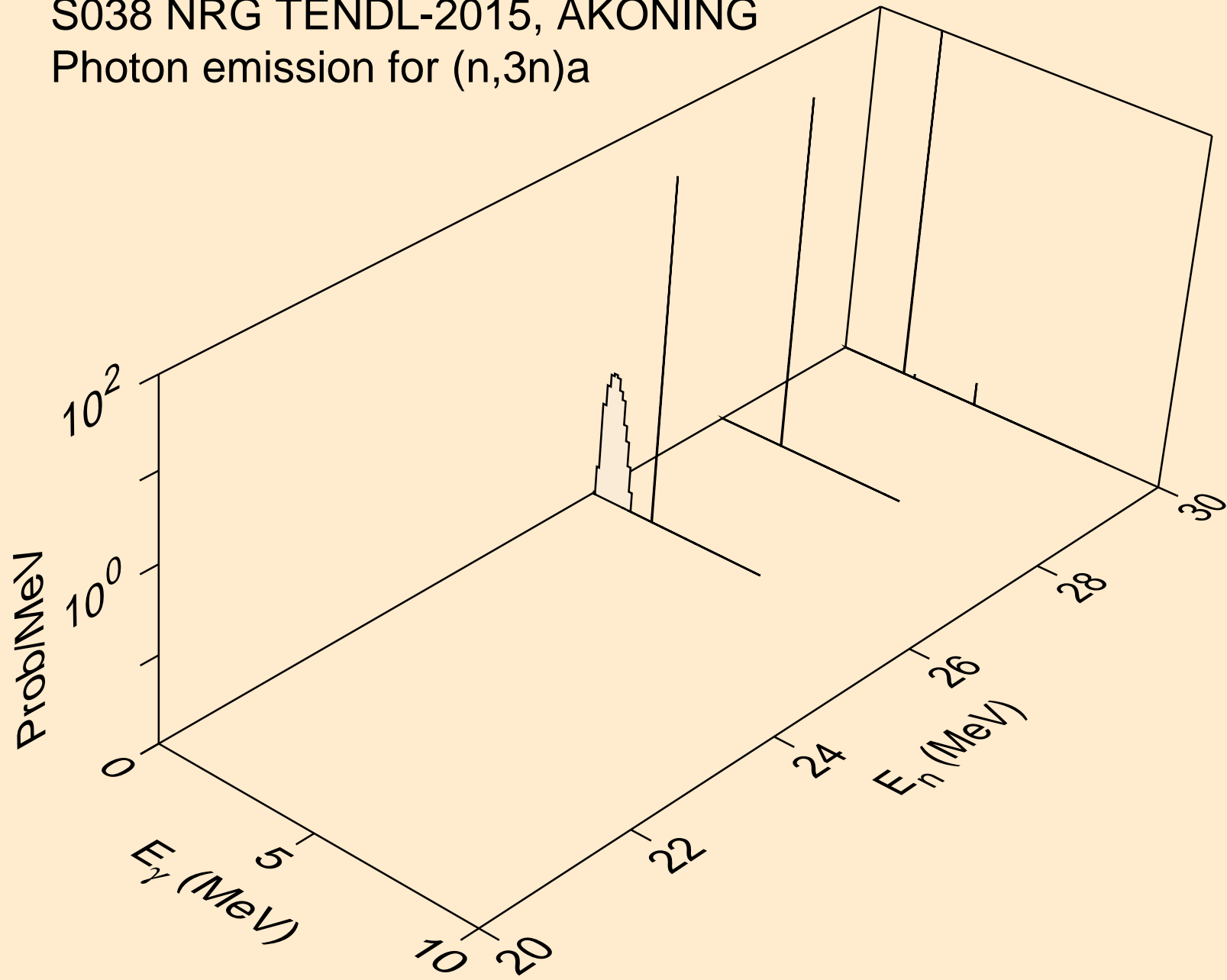


S038 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

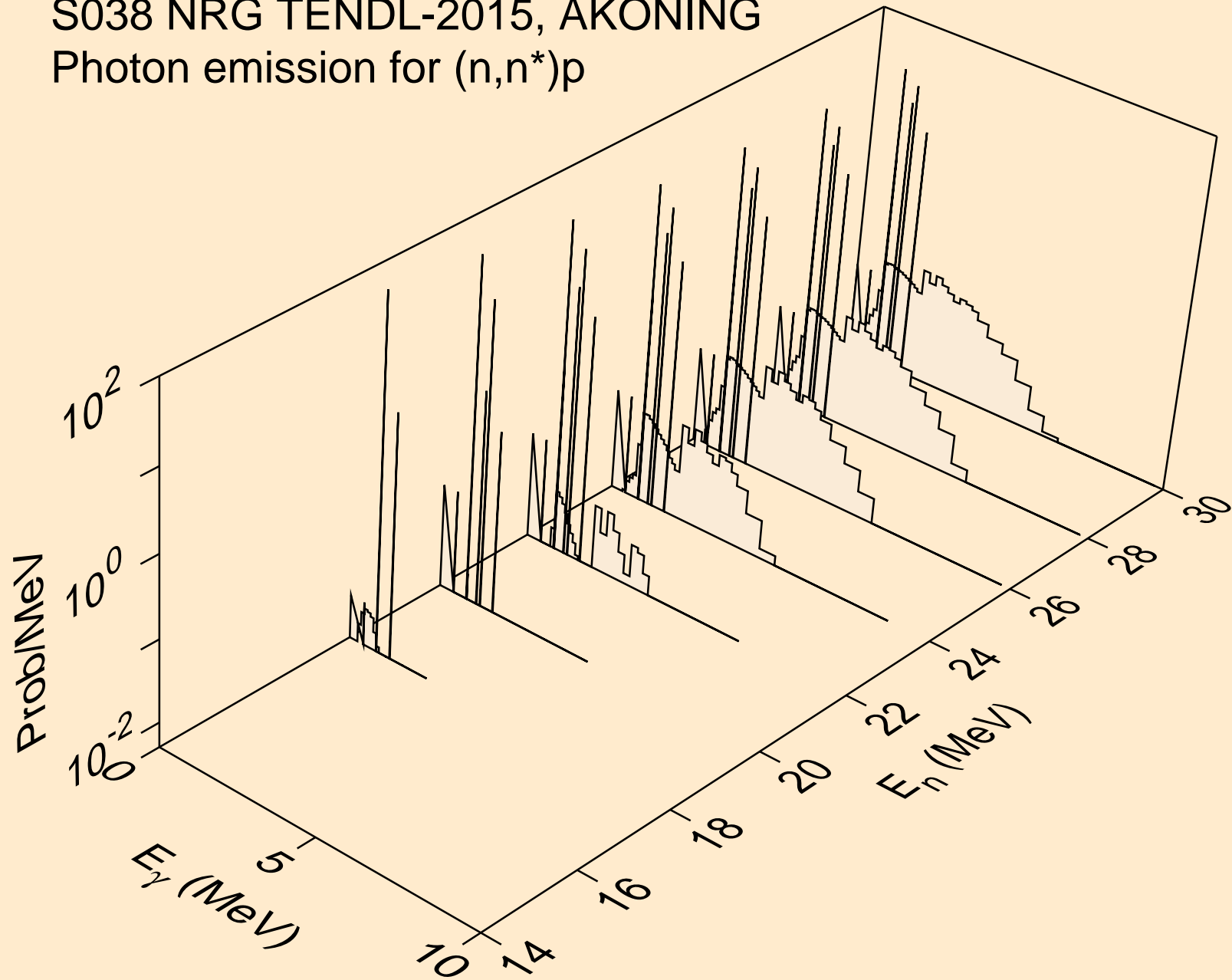




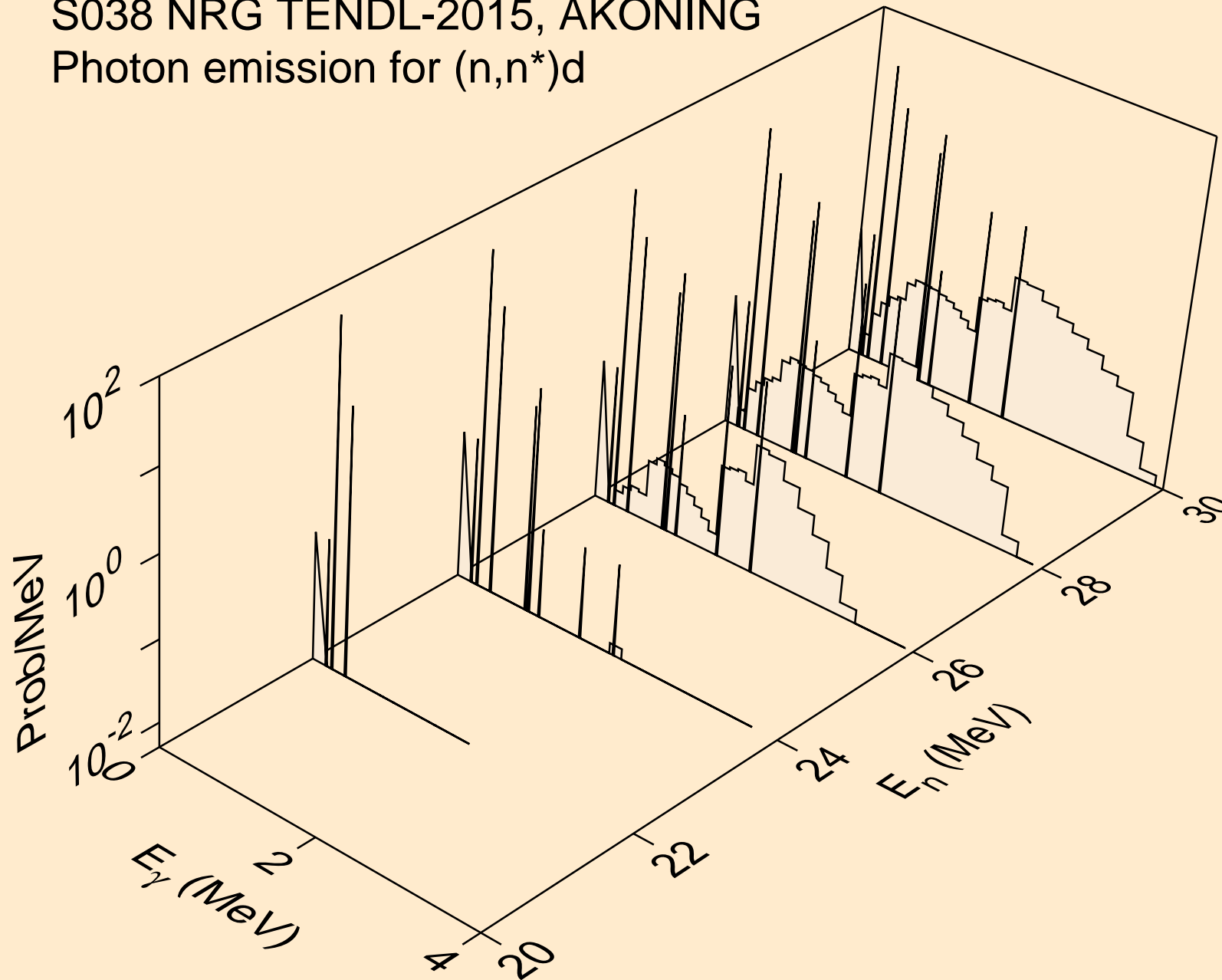
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



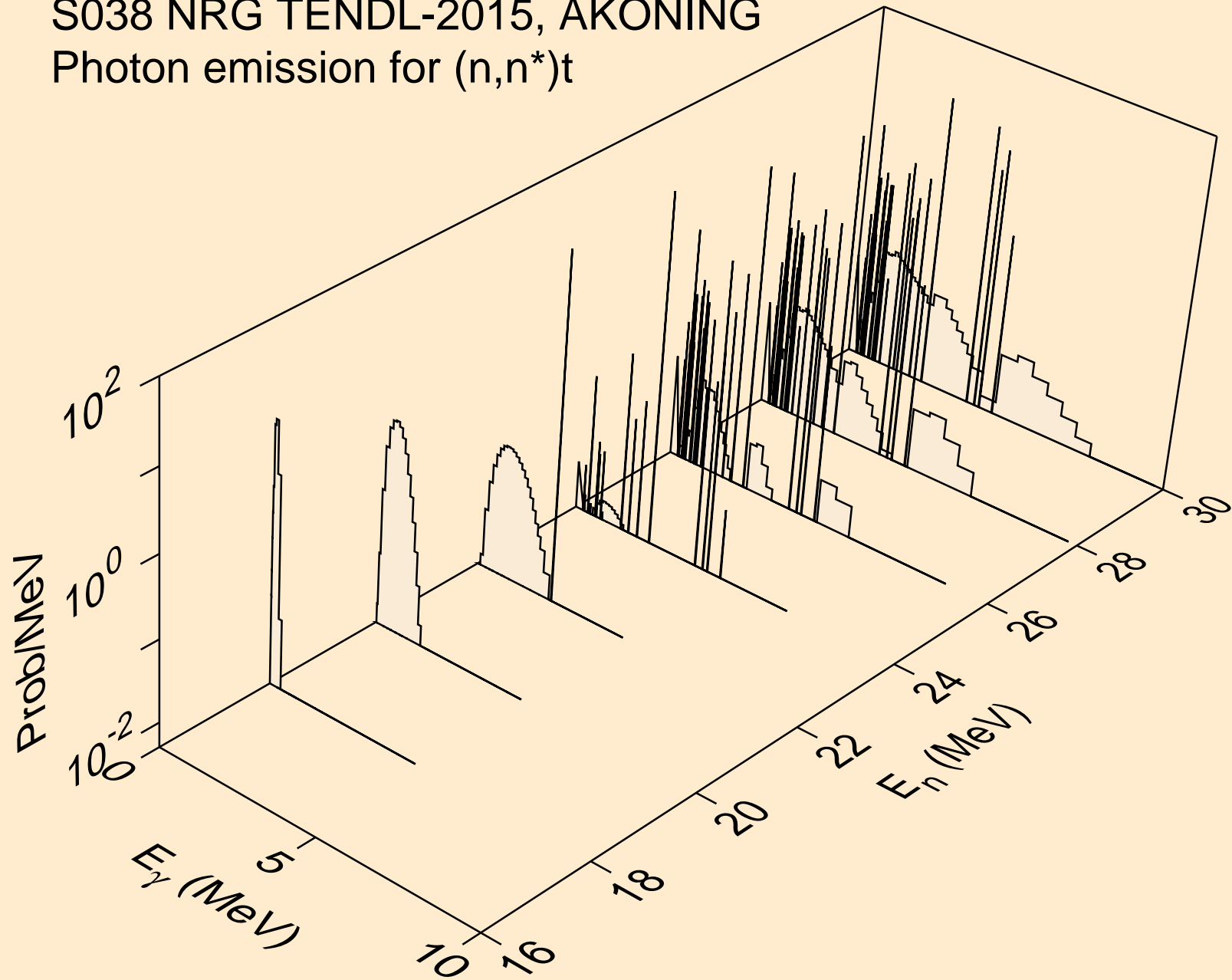
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



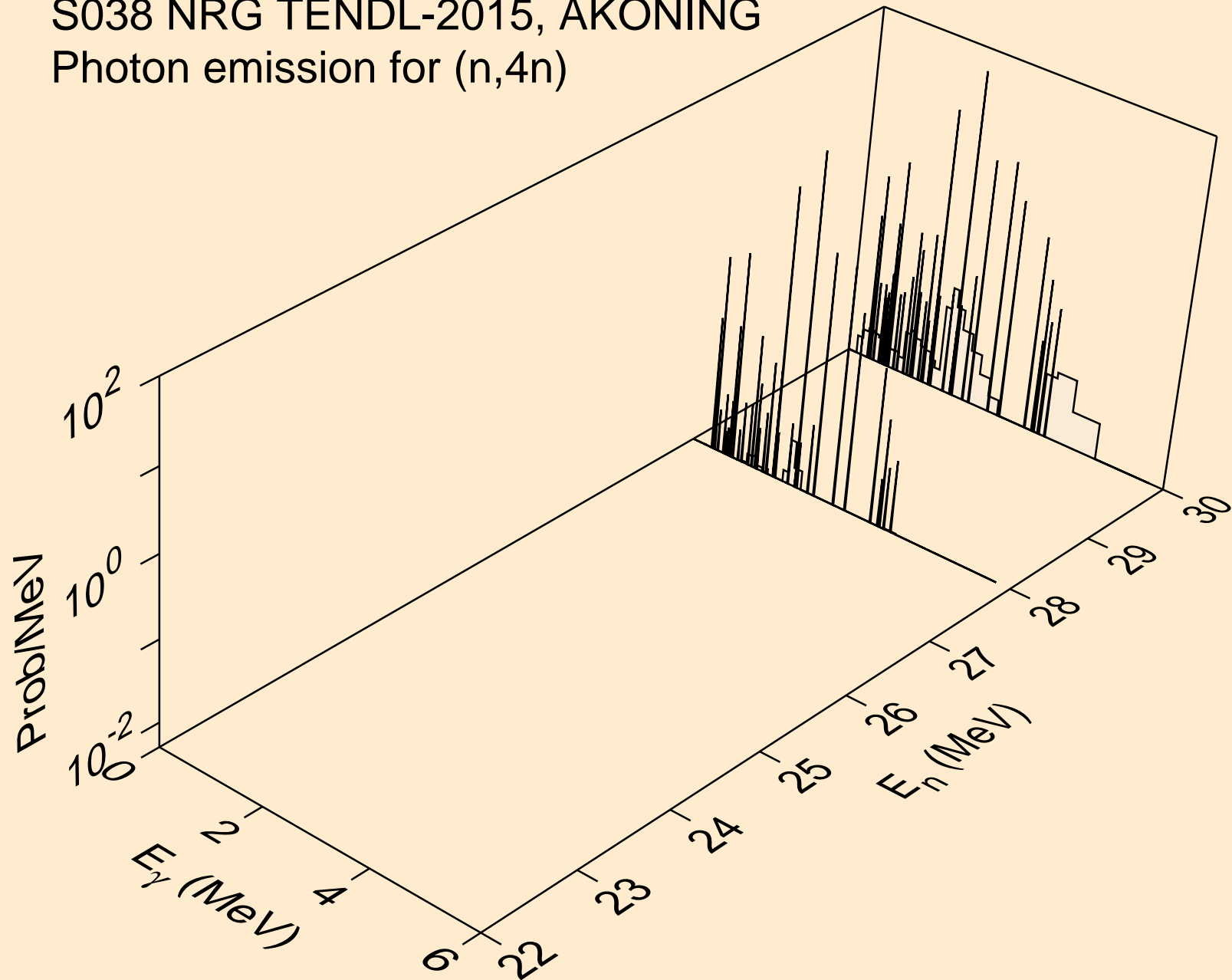
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



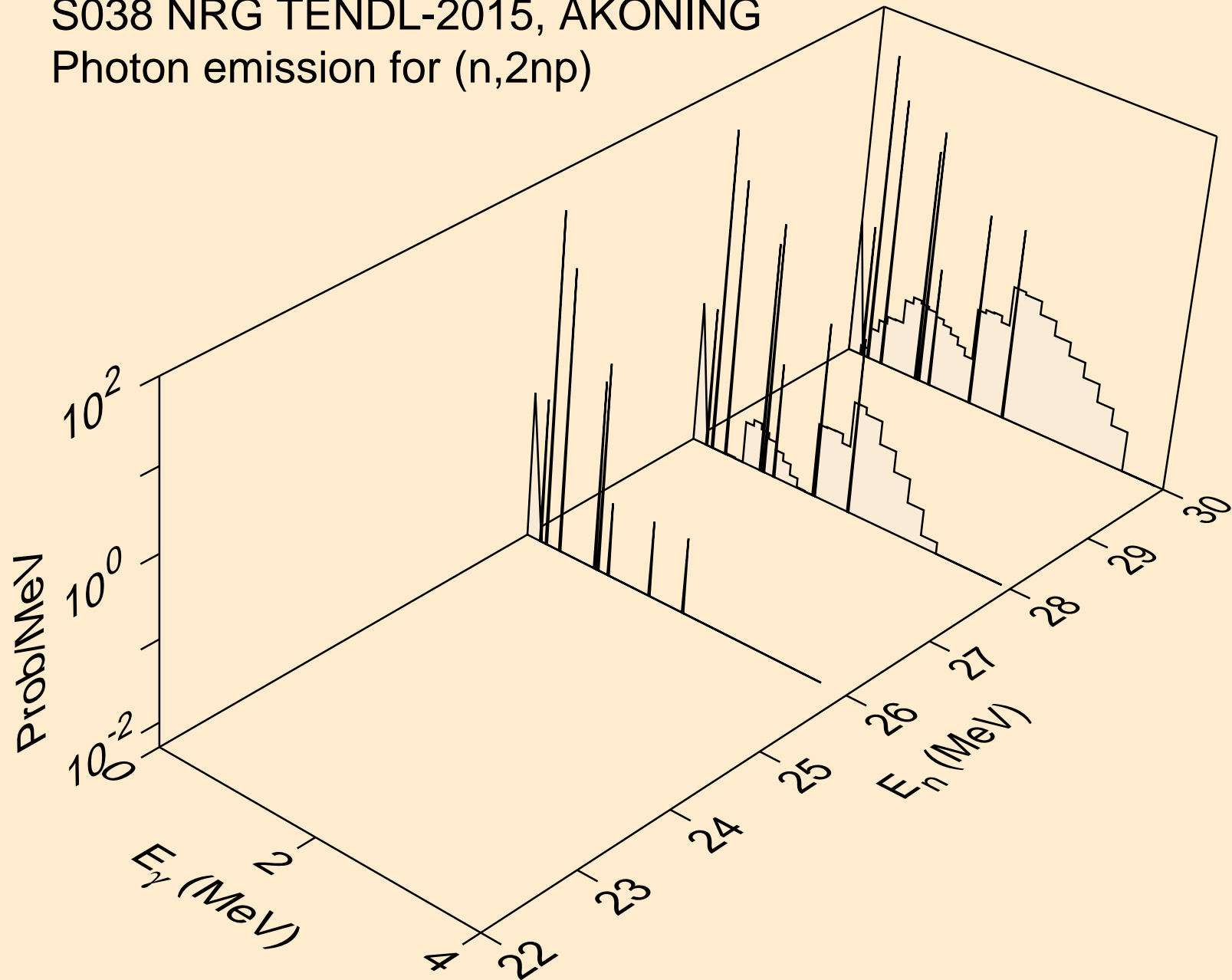
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



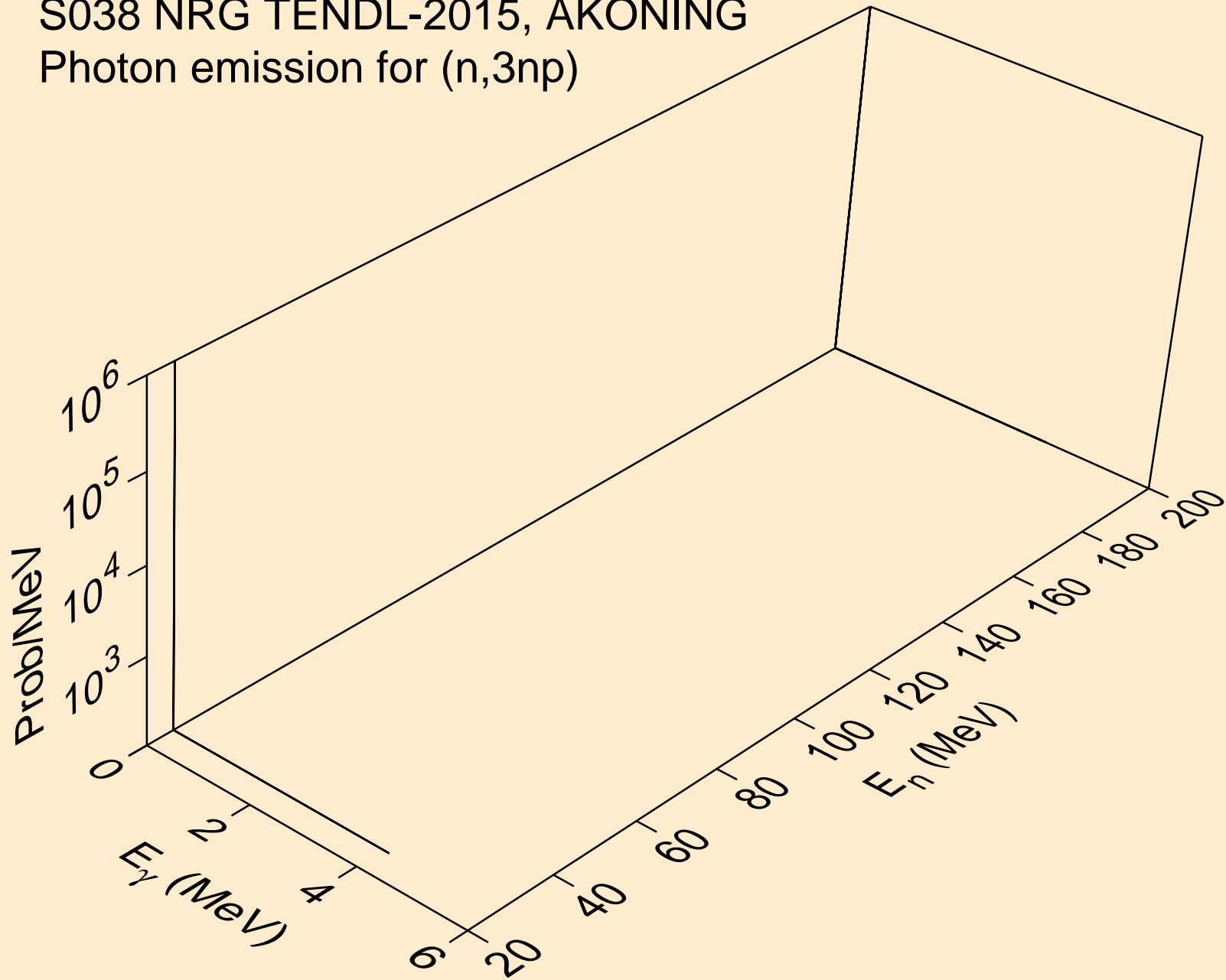
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



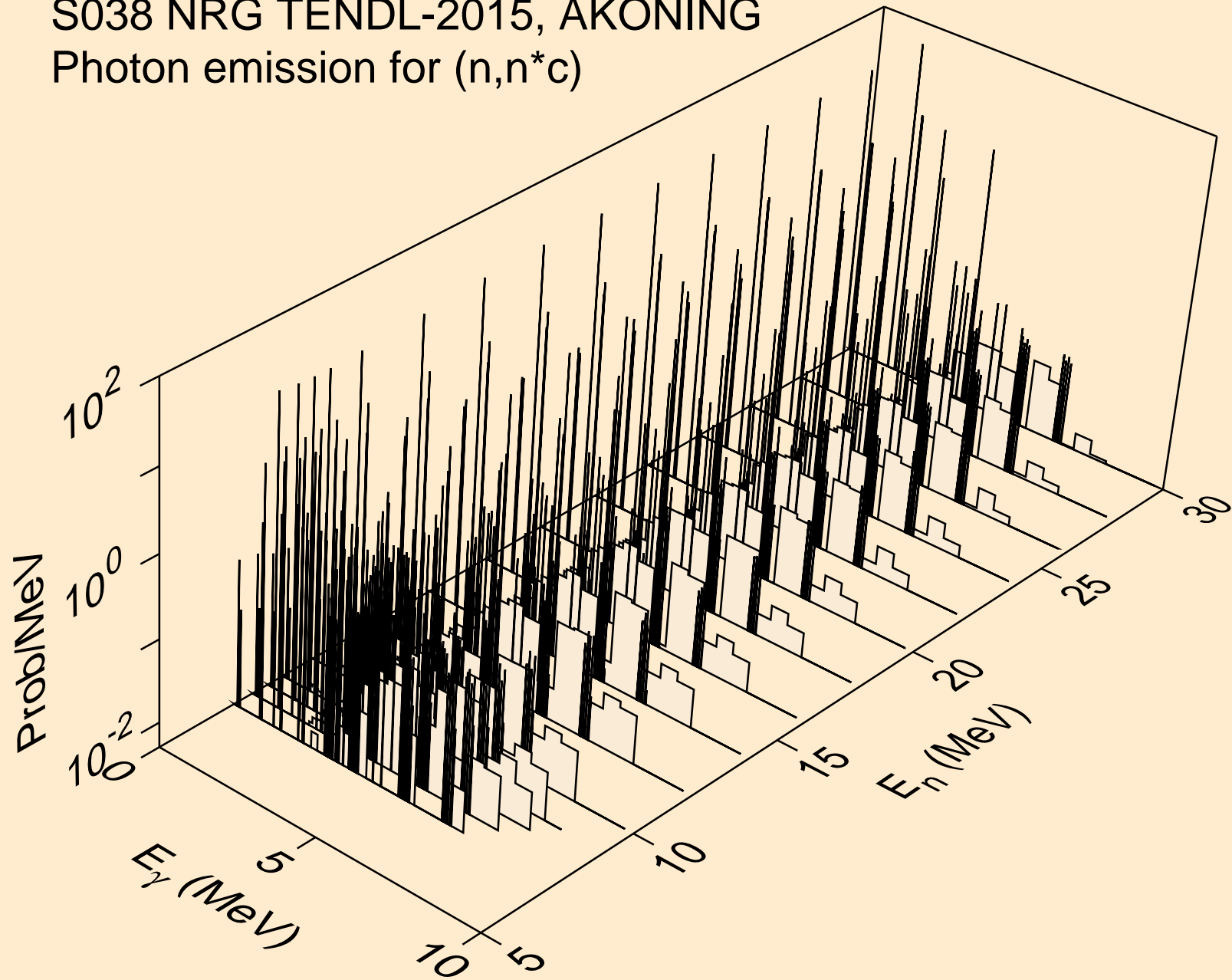
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



S038 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

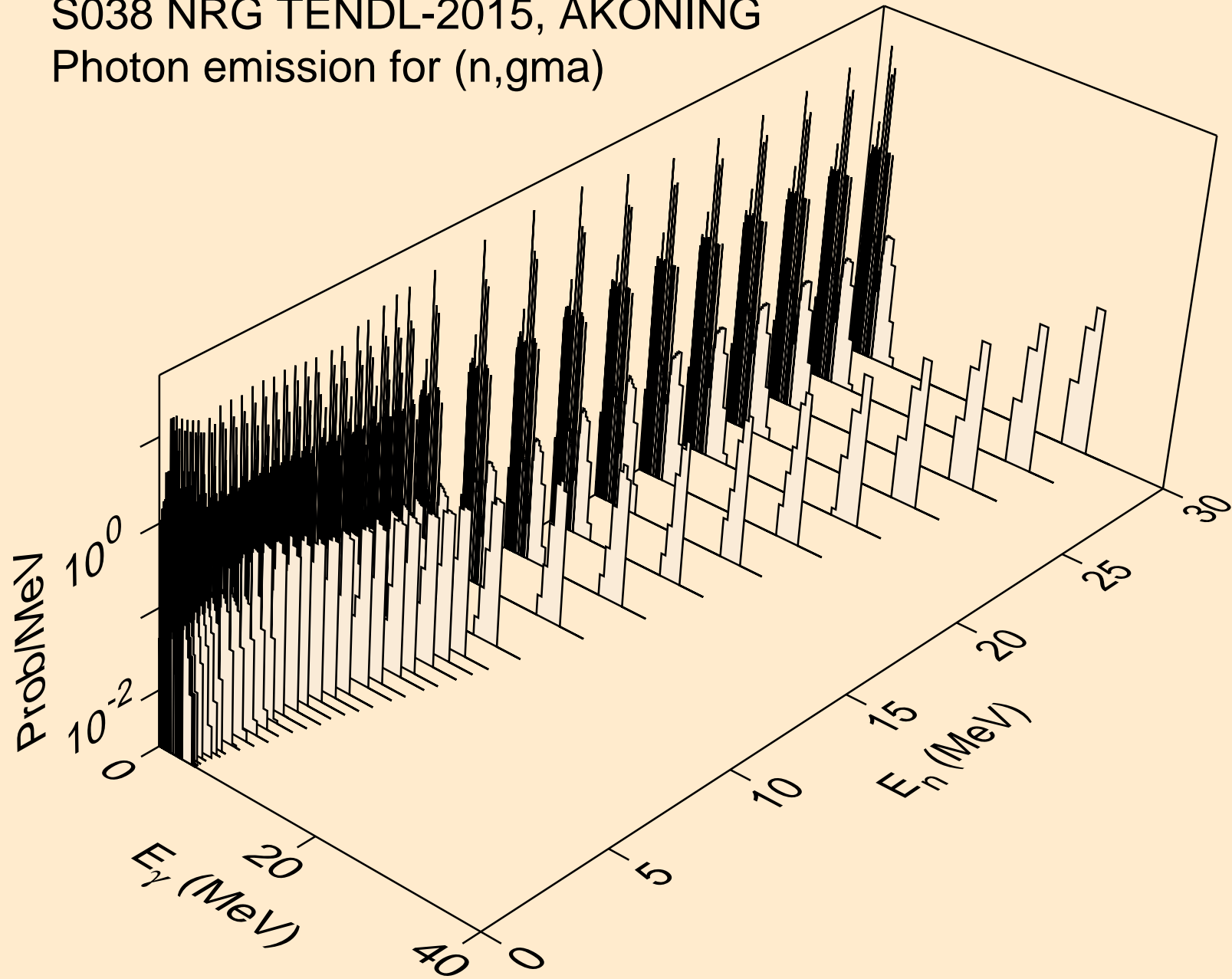


S038 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

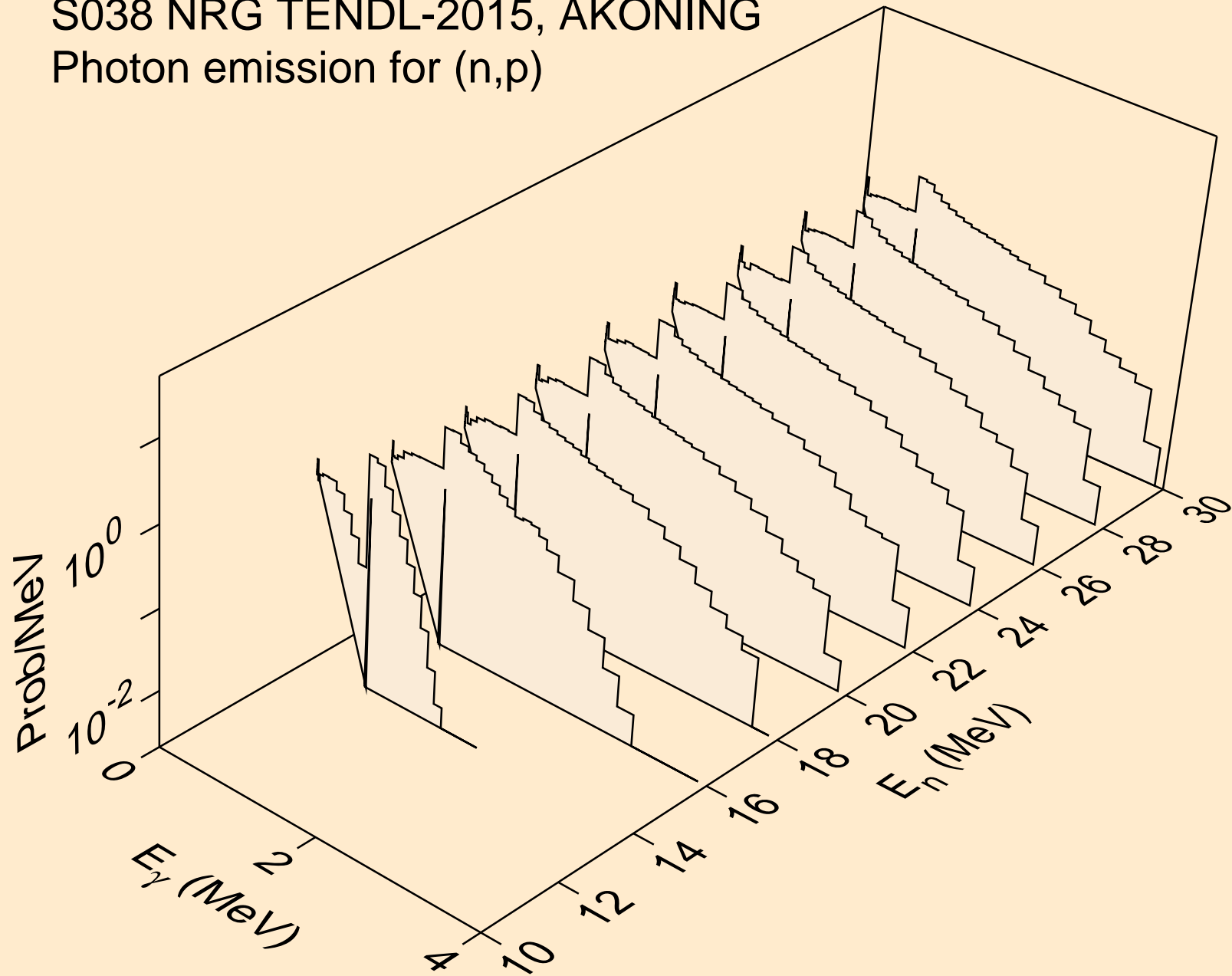




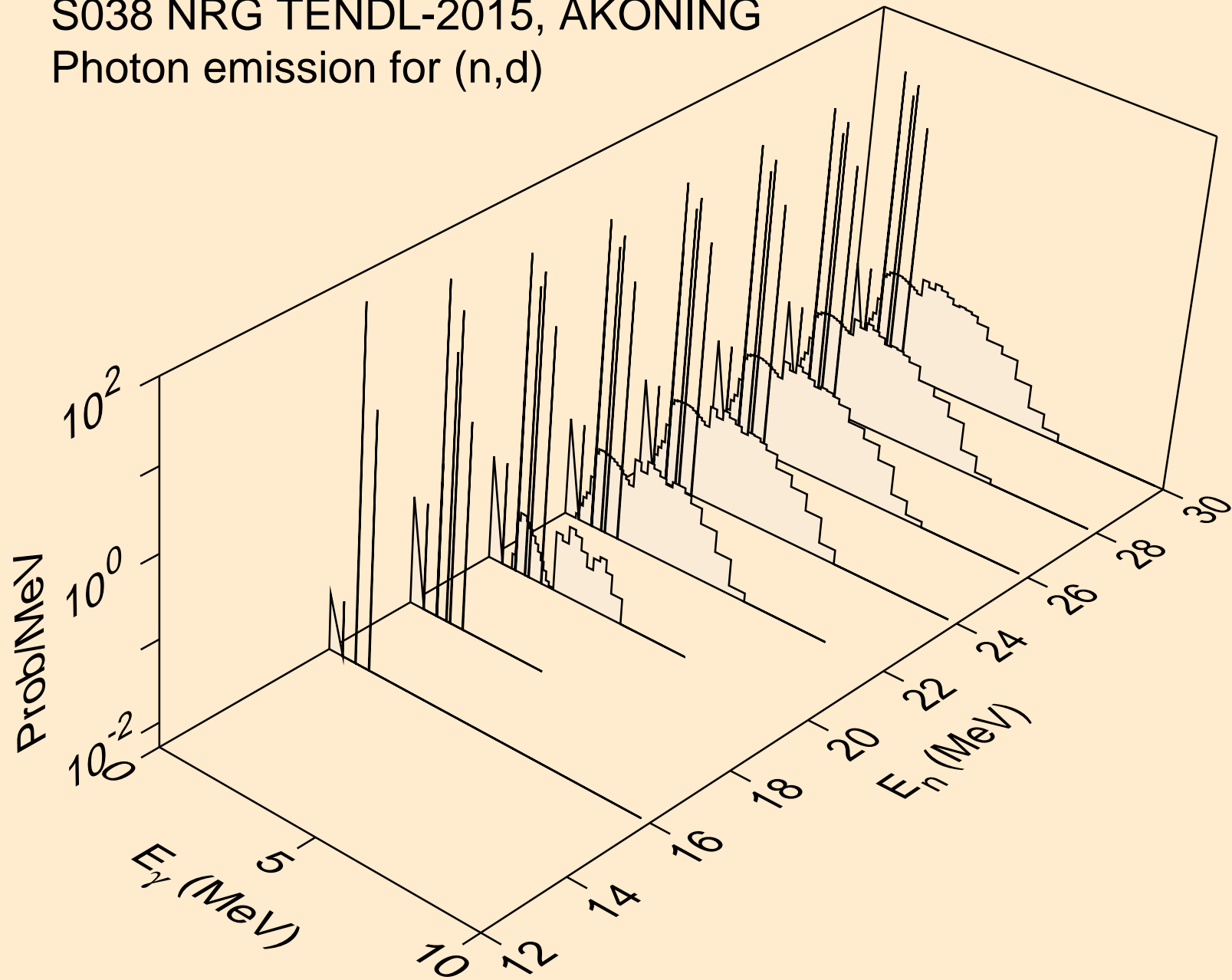
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



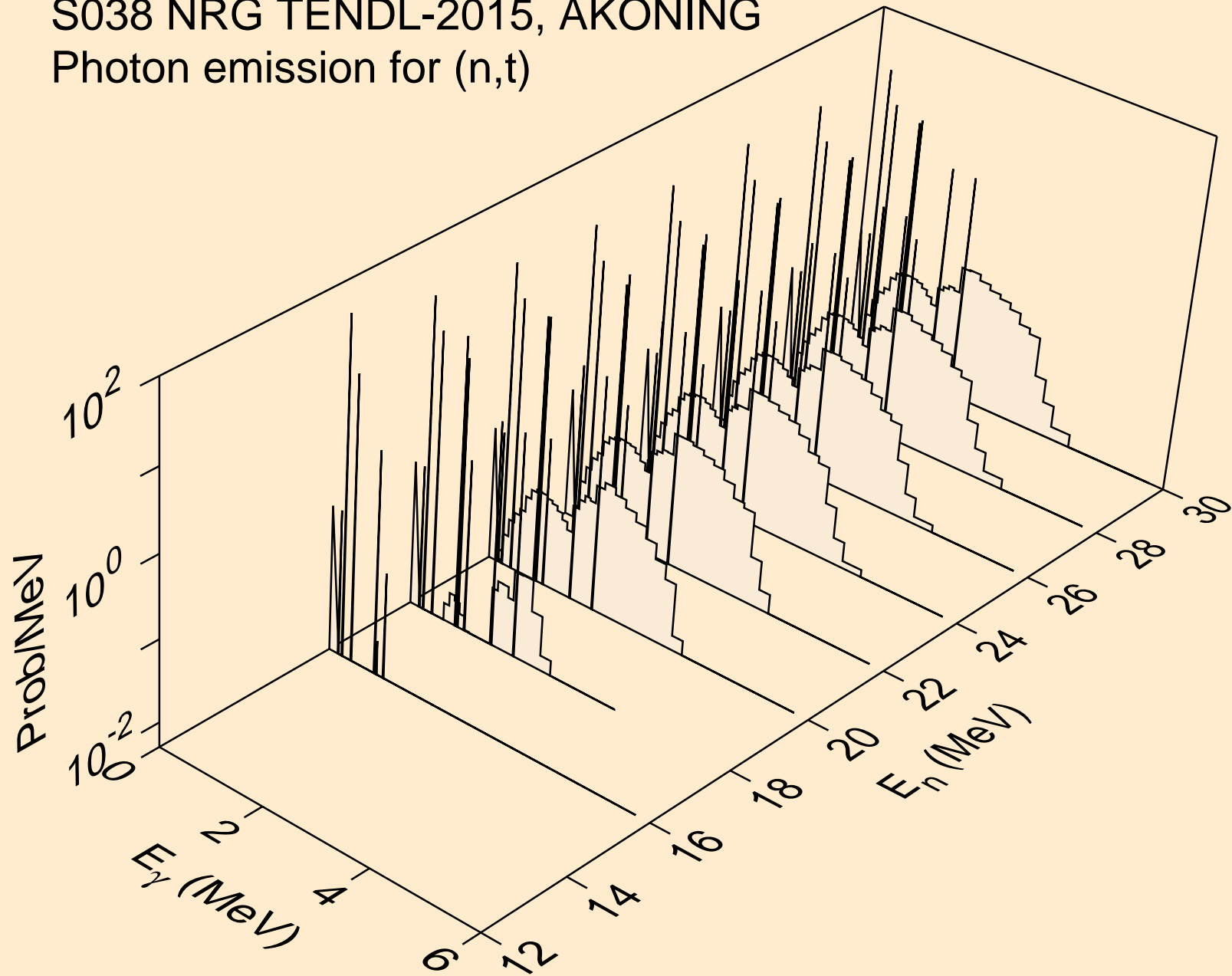
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



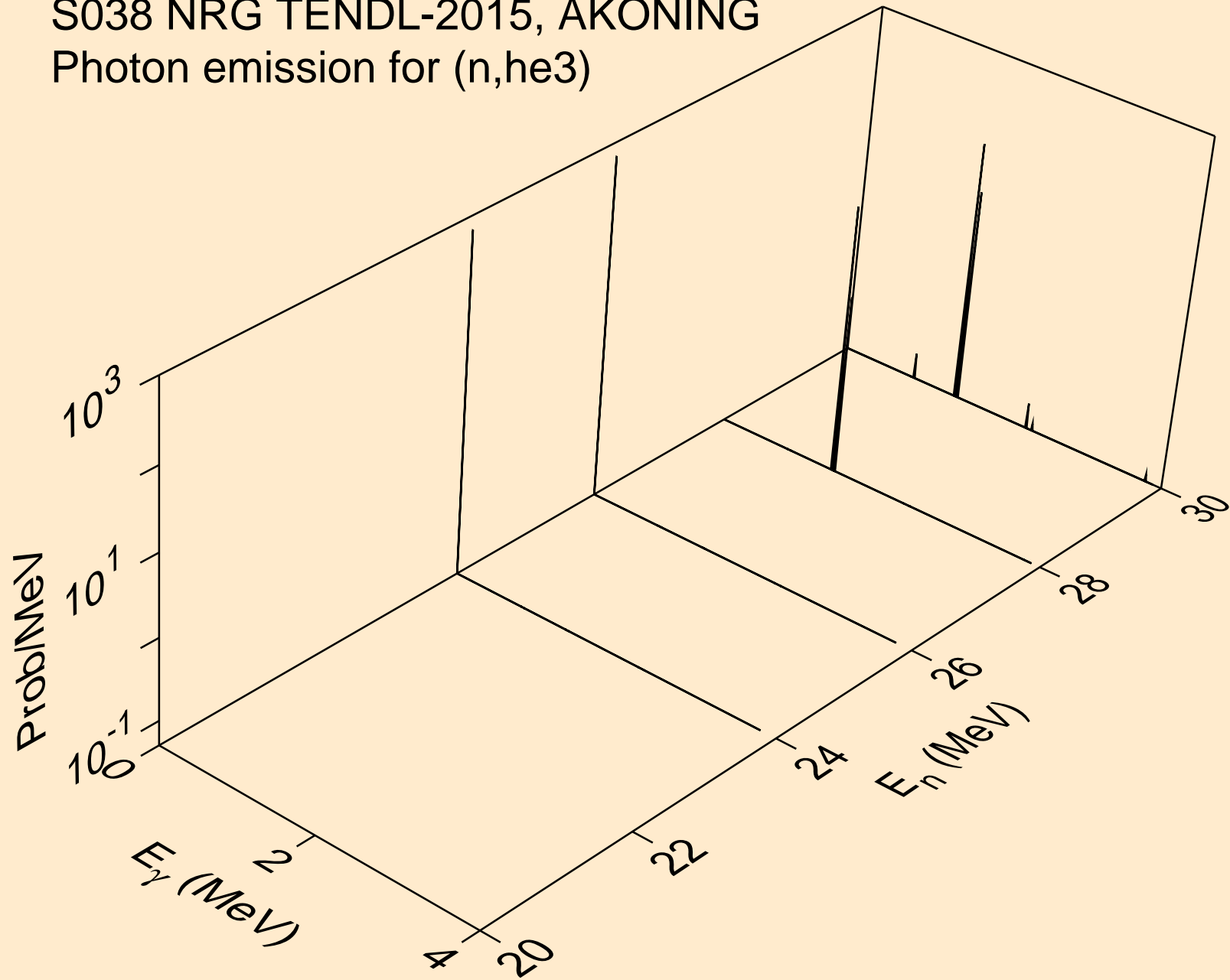
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



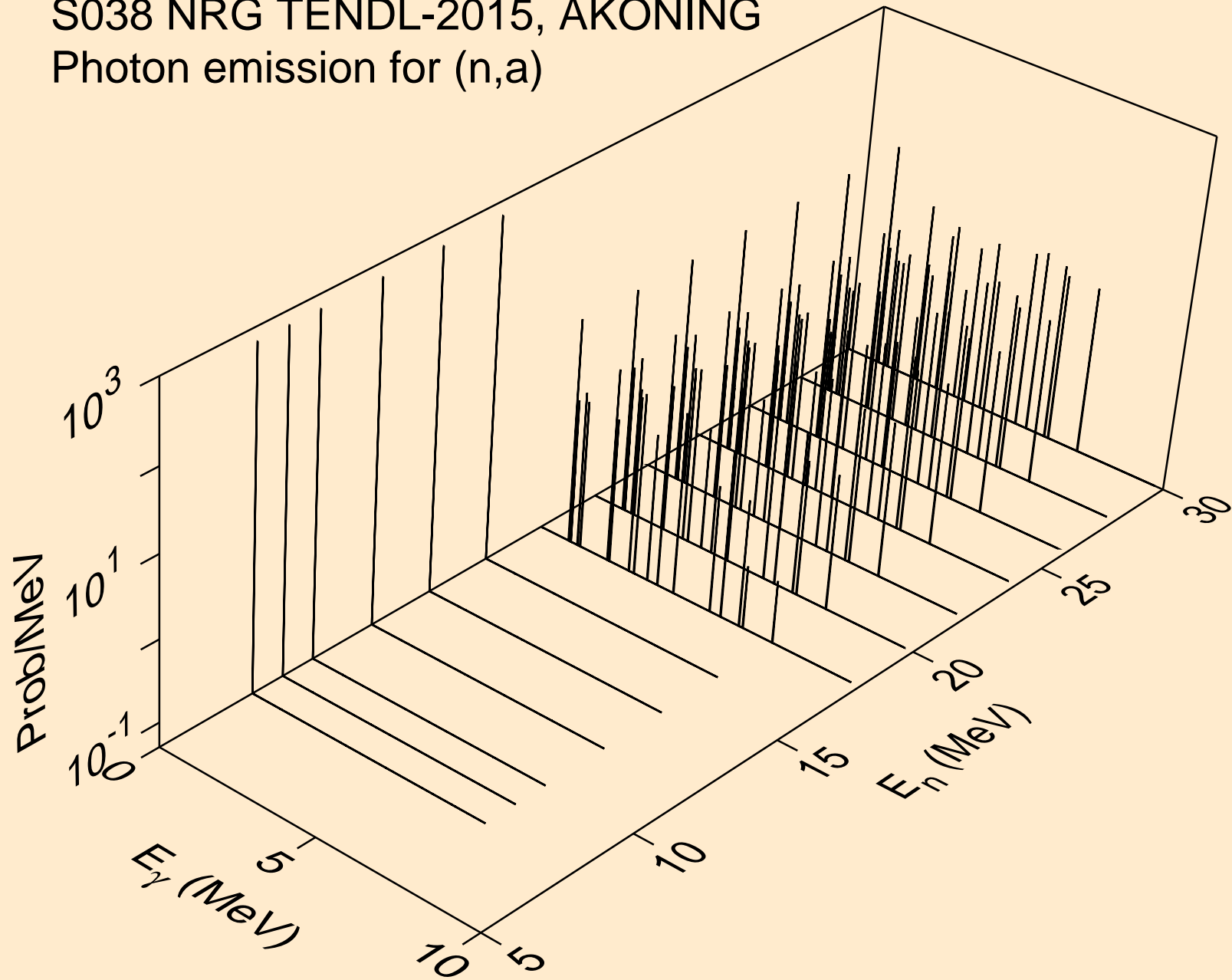
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



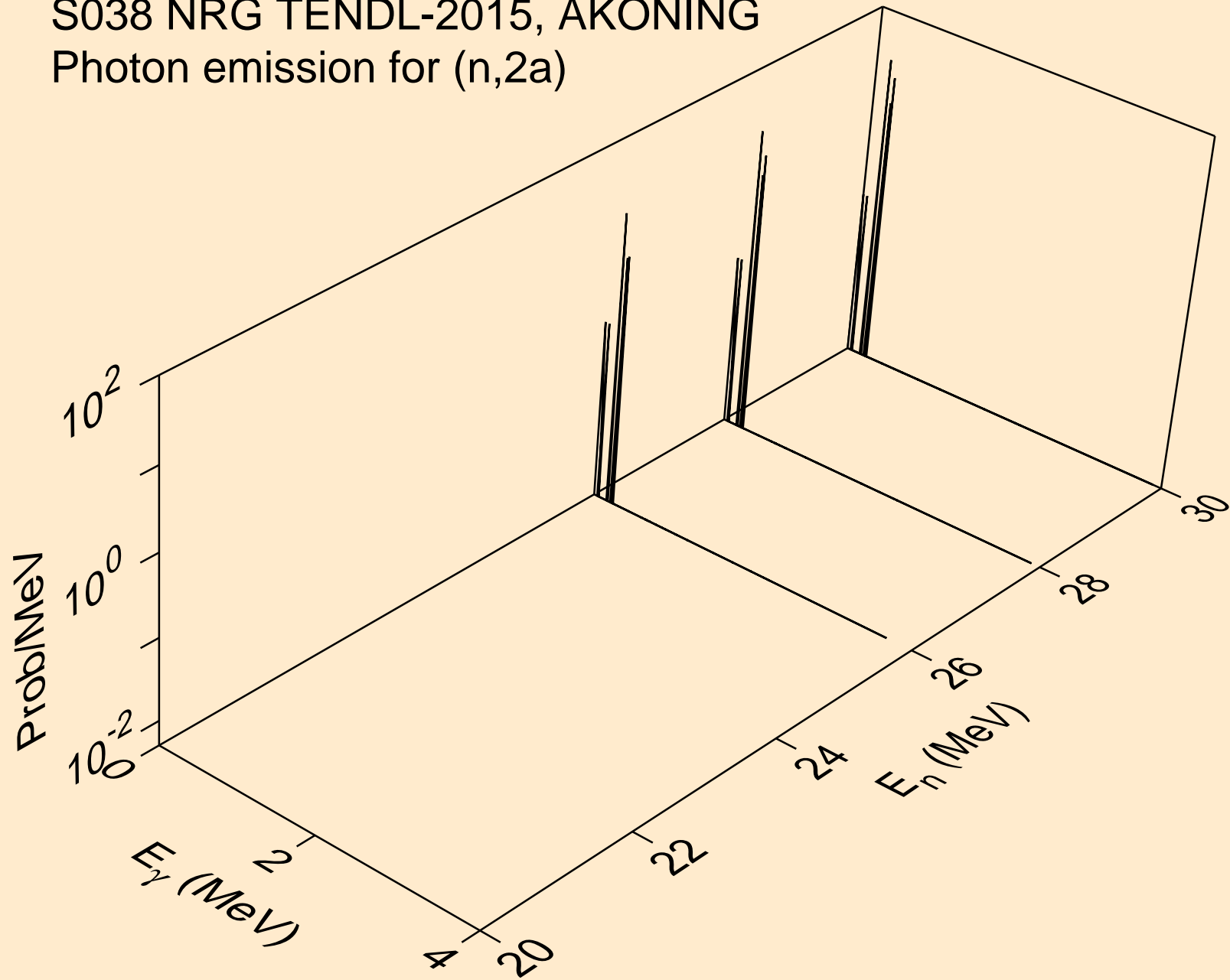
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



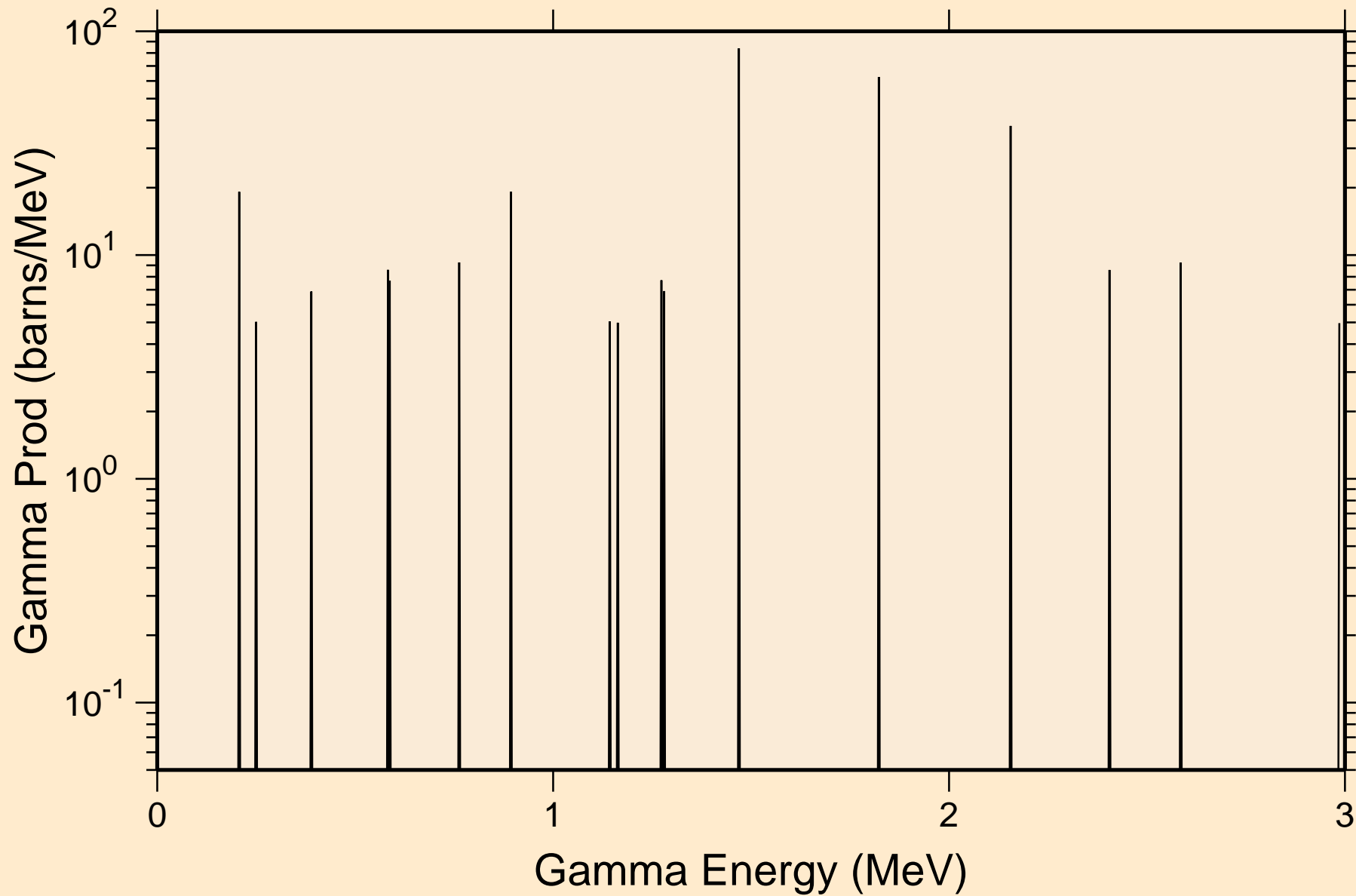
S038 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



S038 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

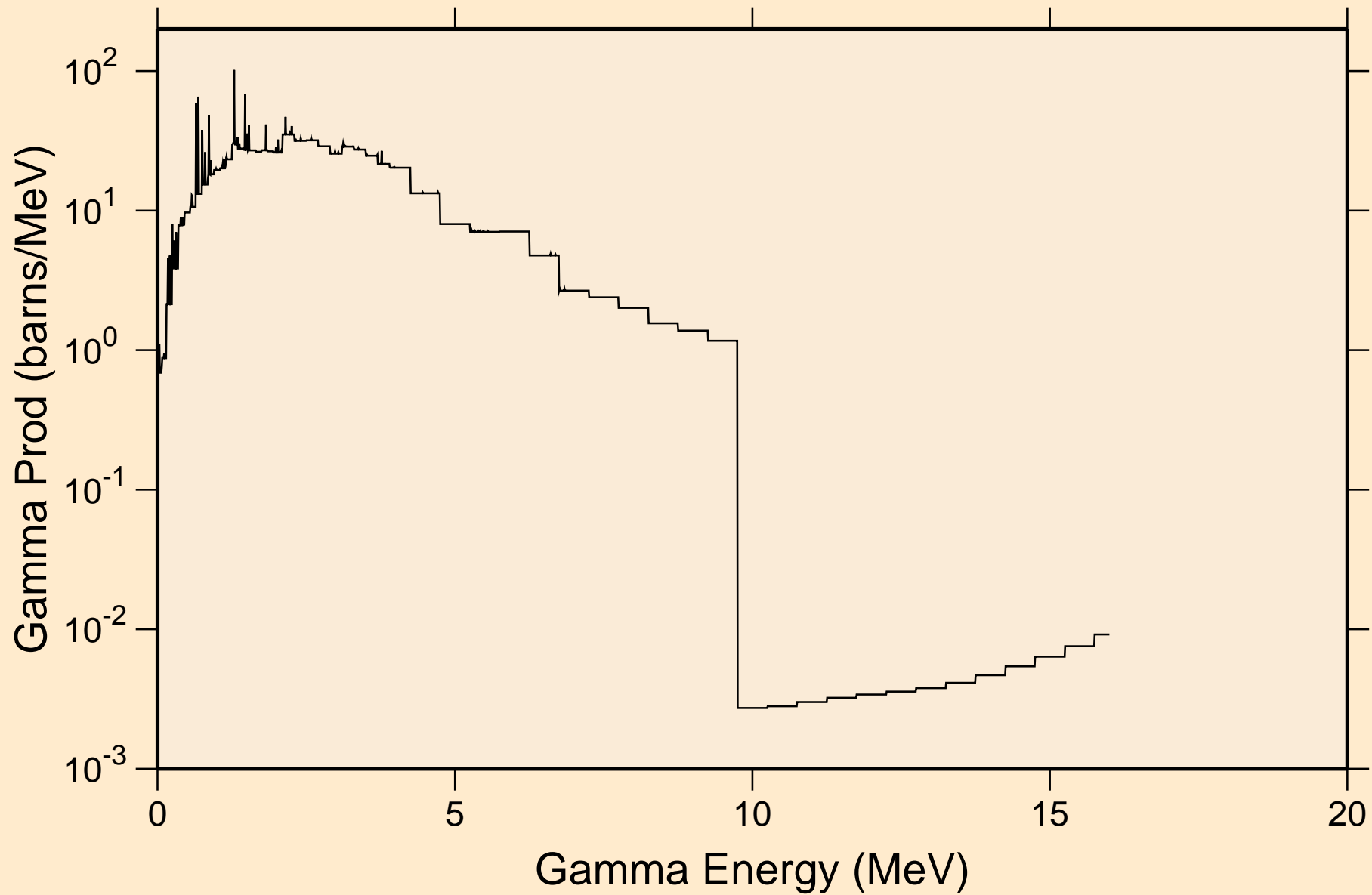


S038 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



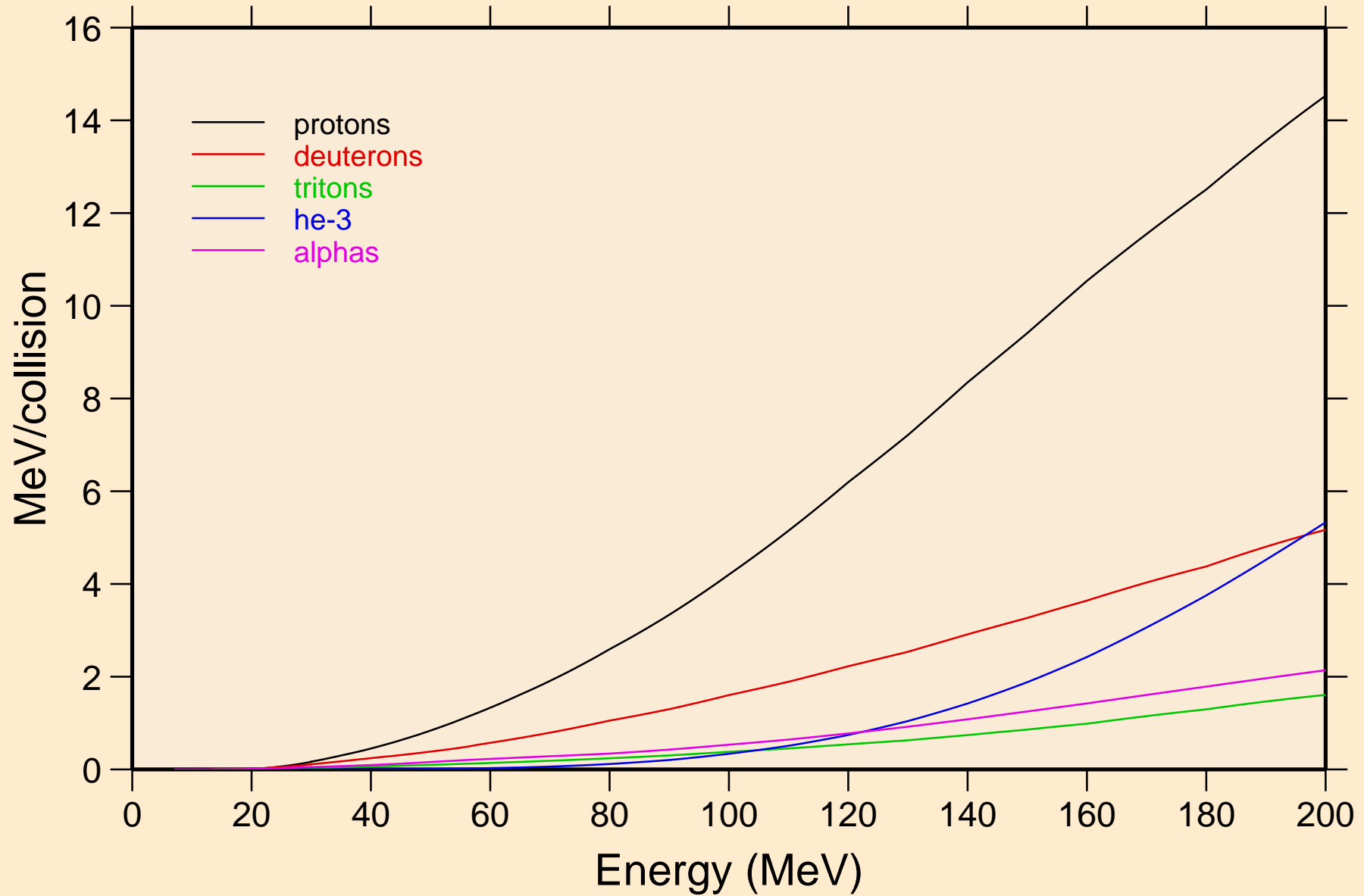


S038 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



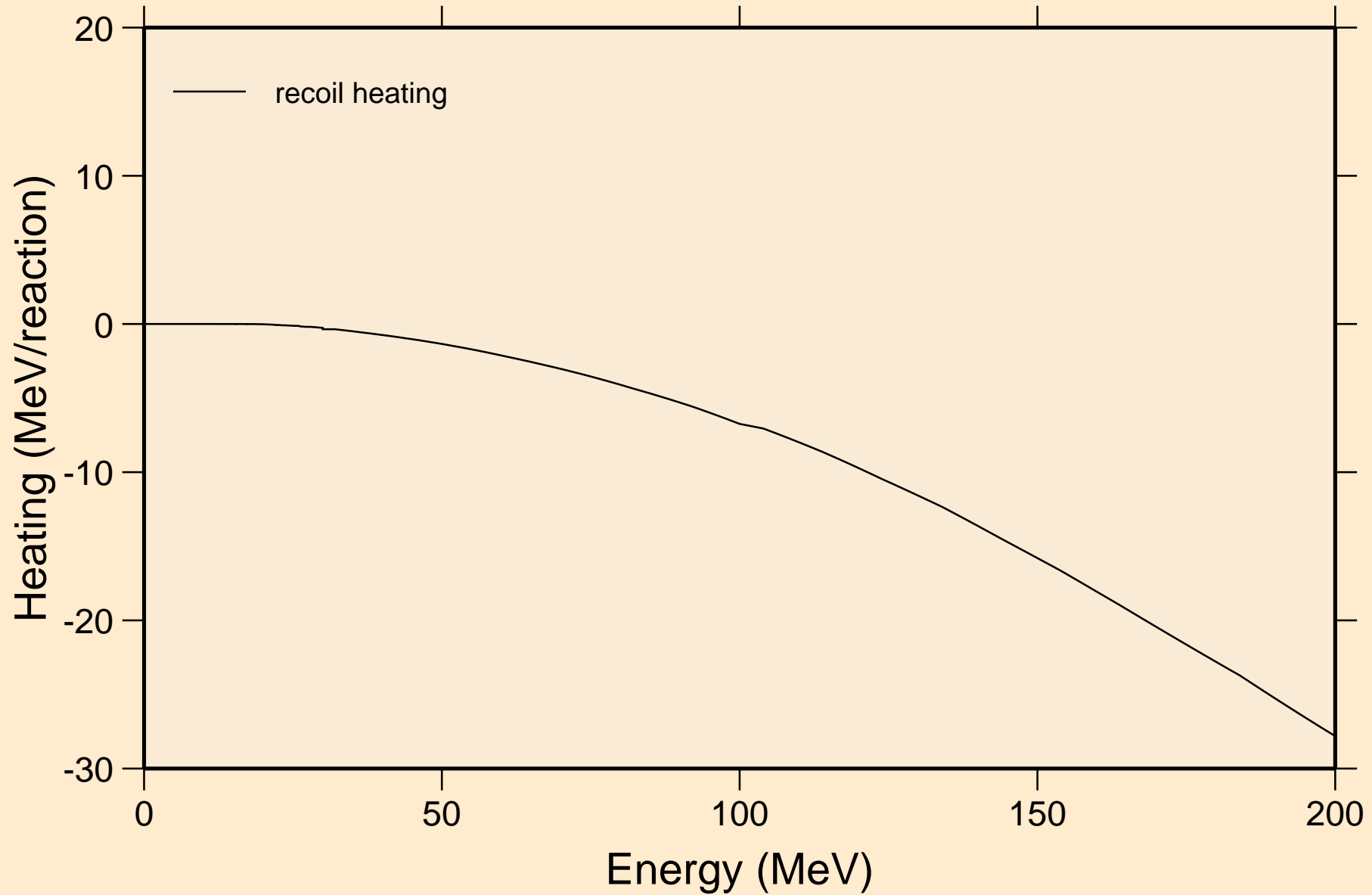
# S038 NRG TENDL-2015, AKONING

## Particle heating contributions



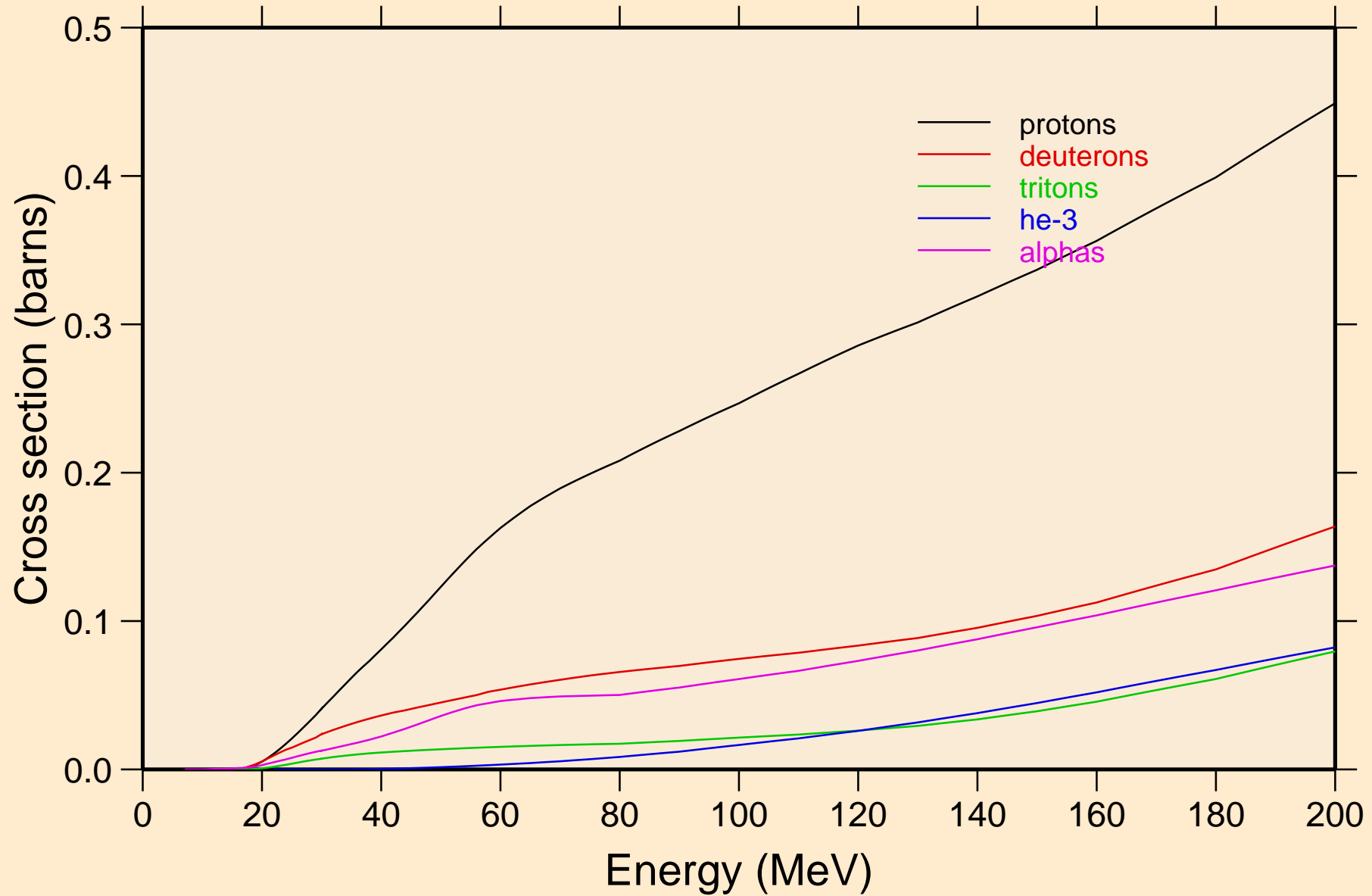
# S038 NRG TENDL-2015, AKONING

## Recoil Heating

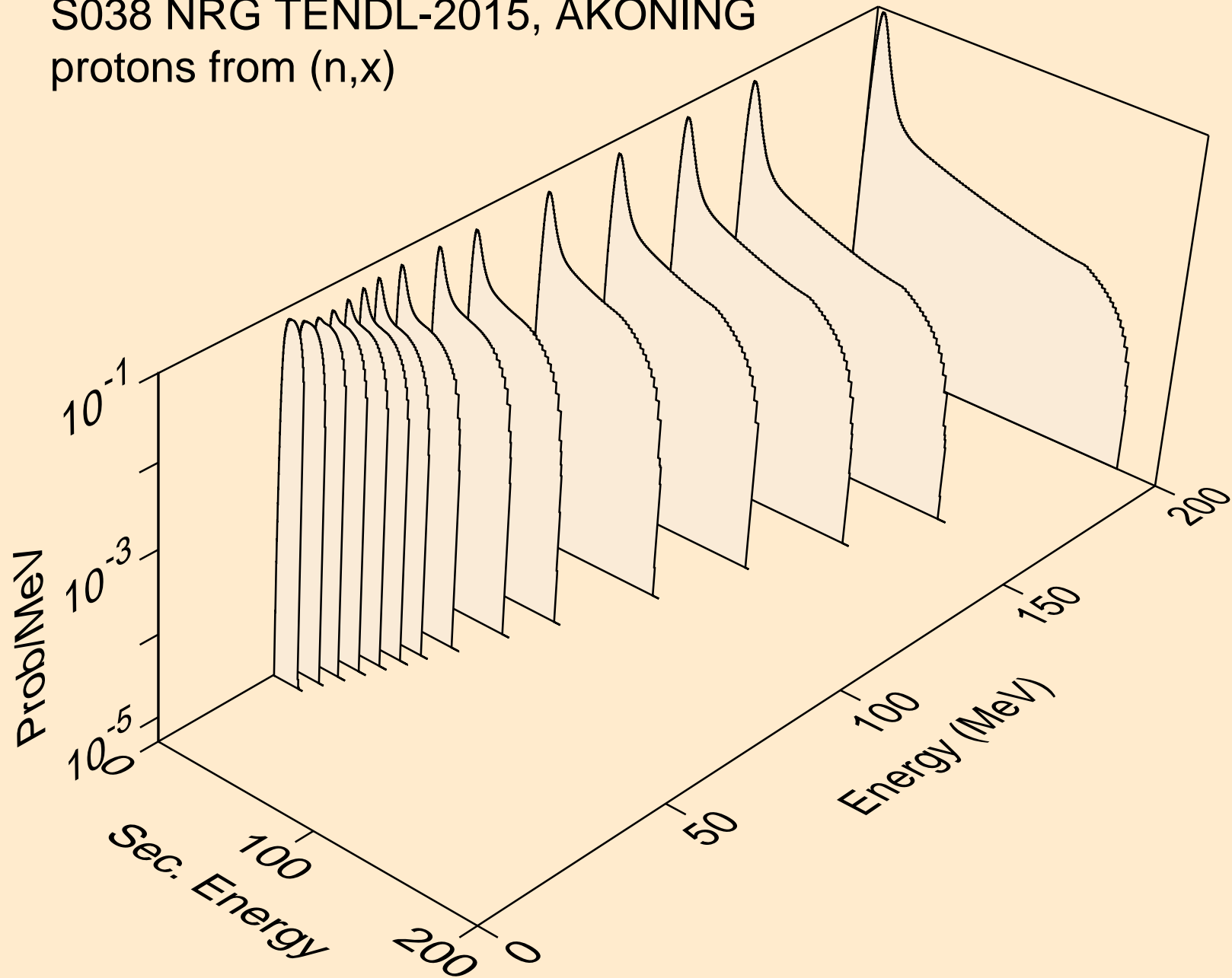


# S038 NRG TENDL-2015, AKONING

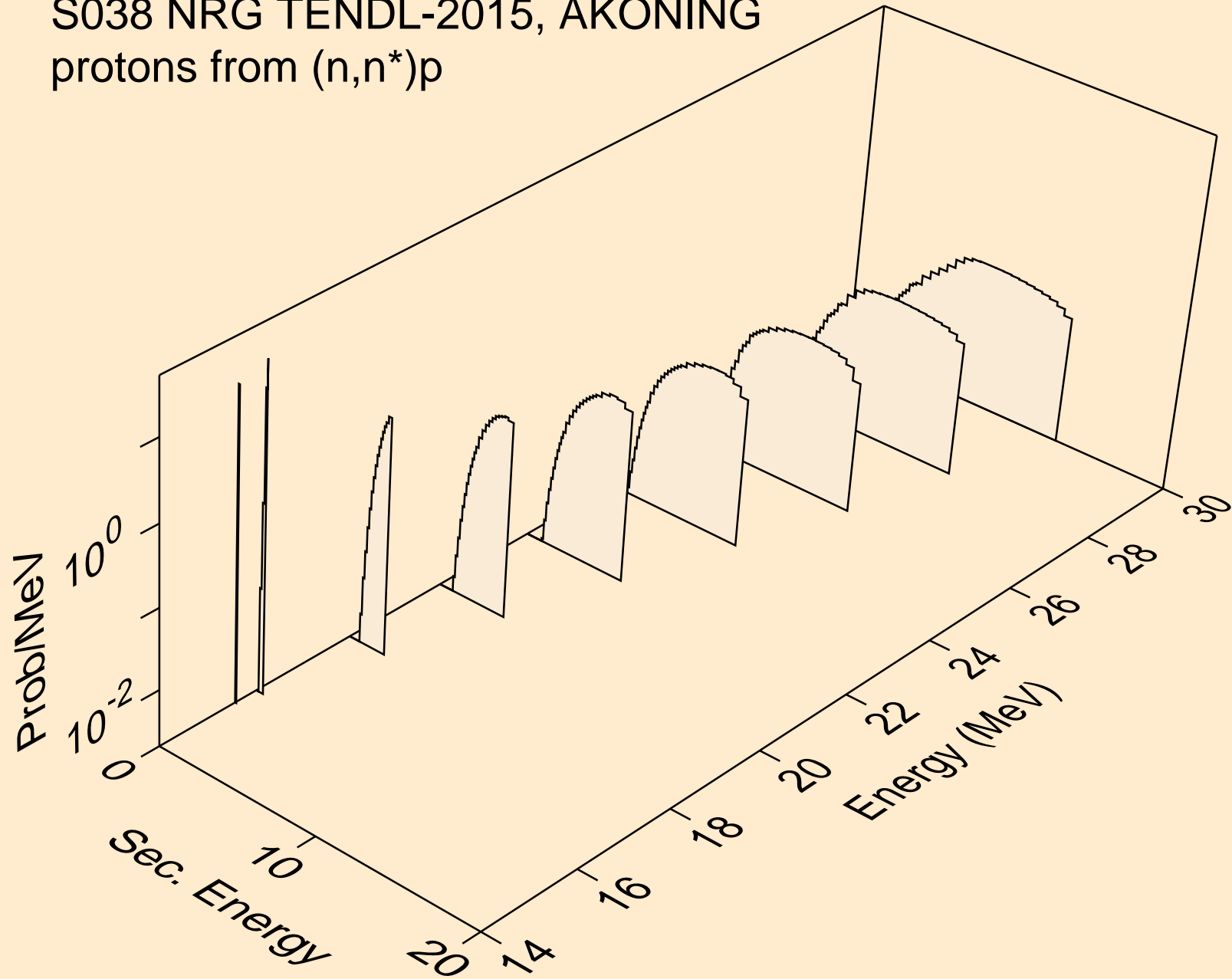
## Particle production cross sections



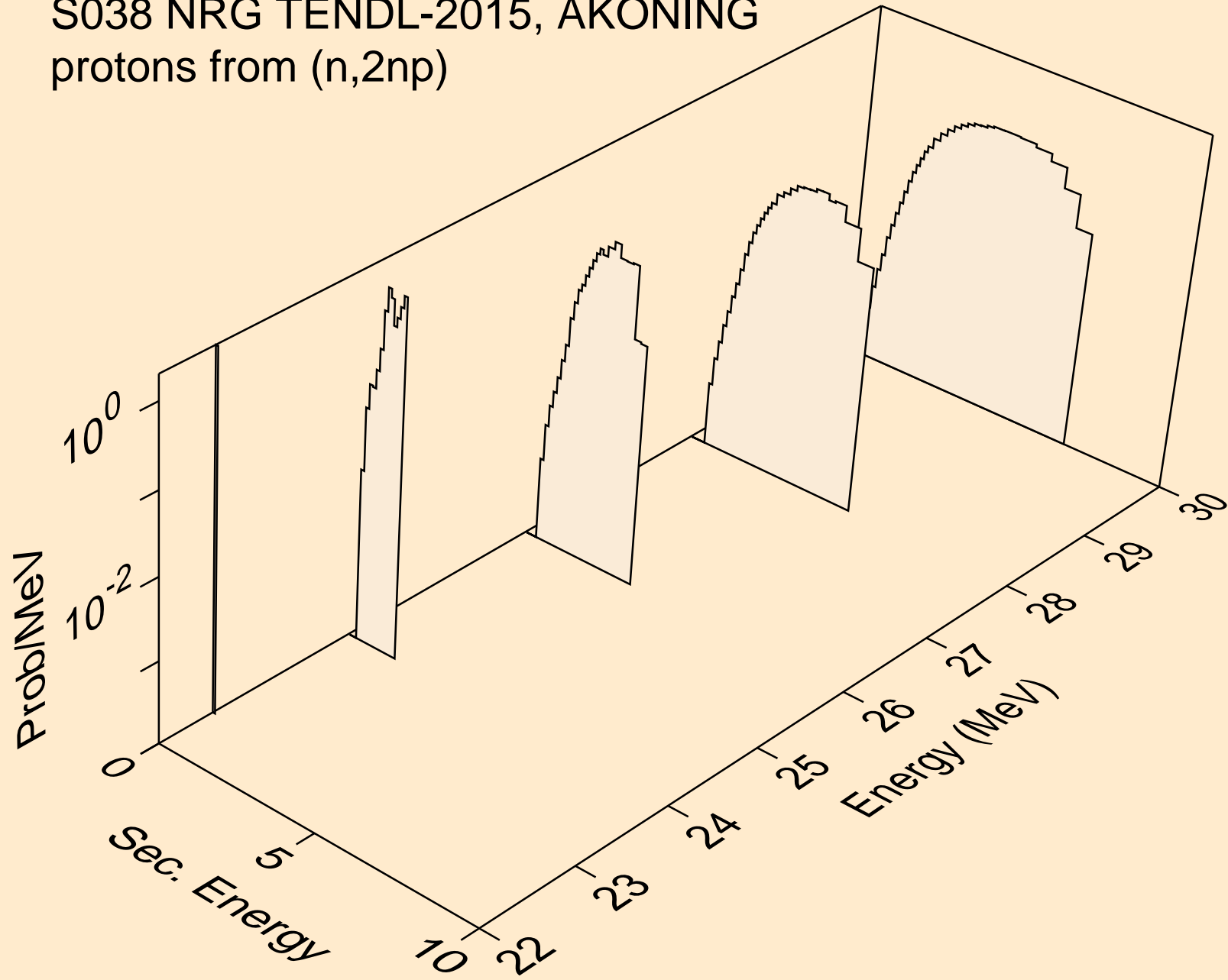
S038 NRG TENDL-2015, AKONING  
protons from (n,x)



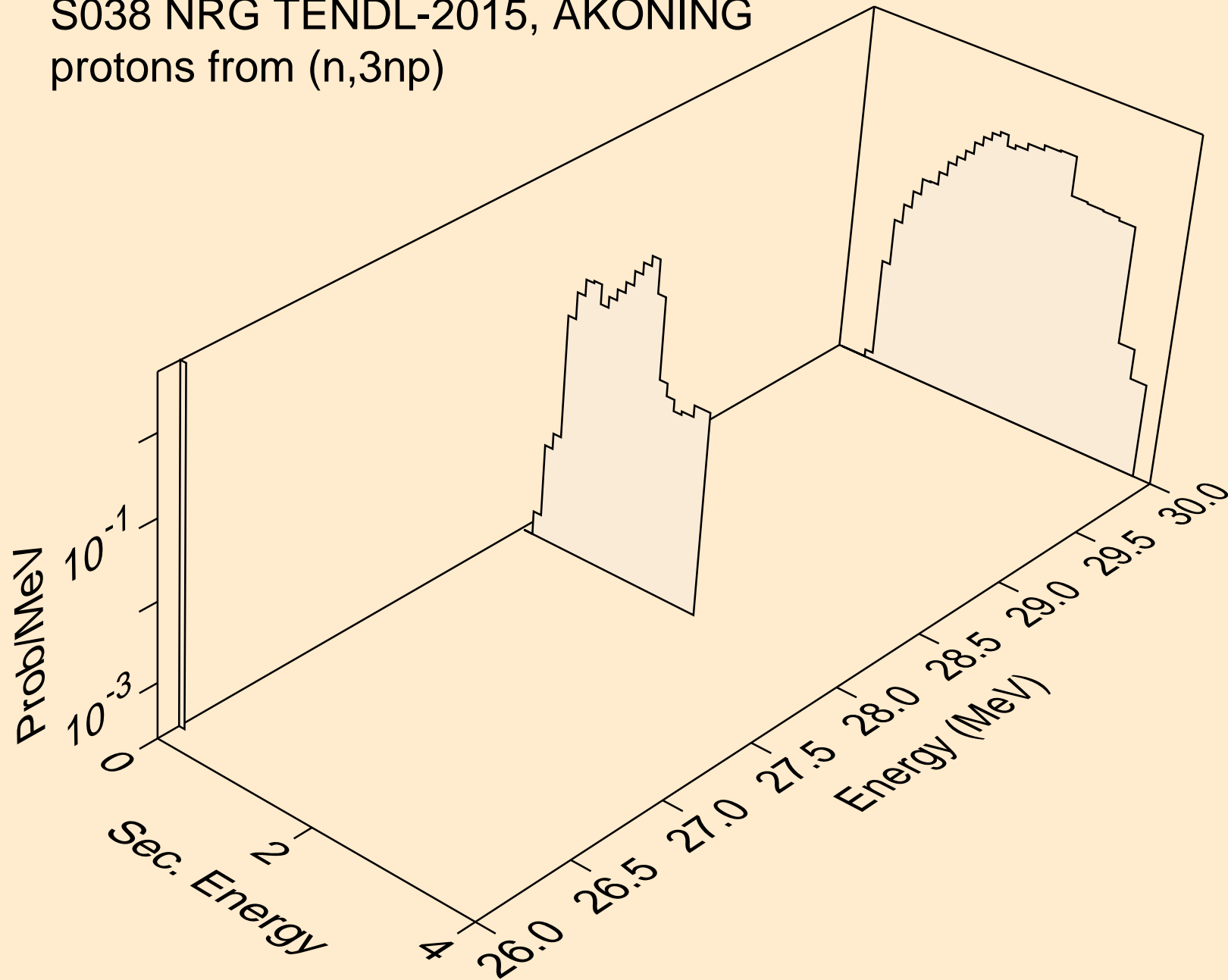
S038 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



S038 NRG TENDL-2015, AKONING  
protons from (n,2np)

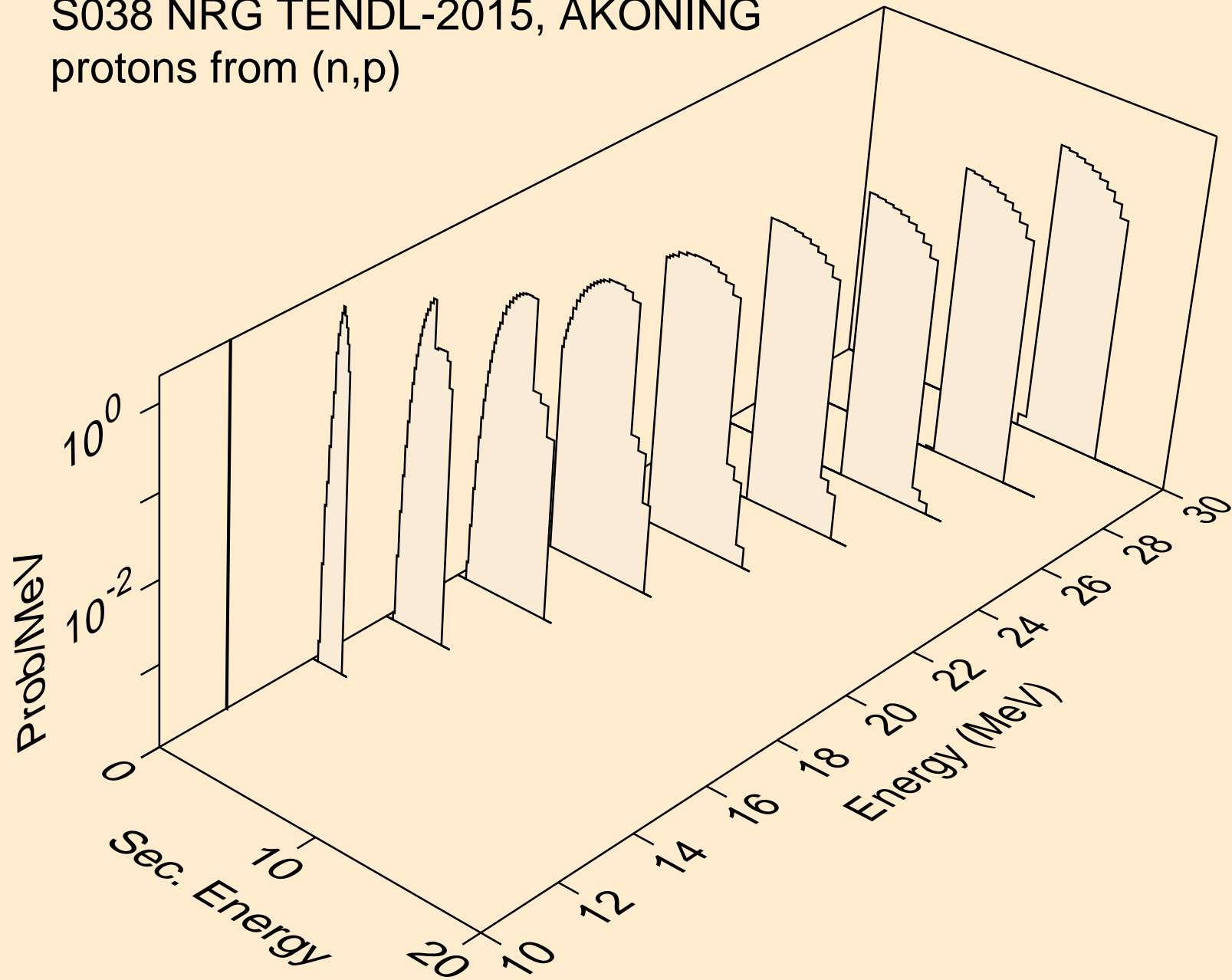


S038 NRG TENDL-2015, AKONING  
protons from (n,3np)

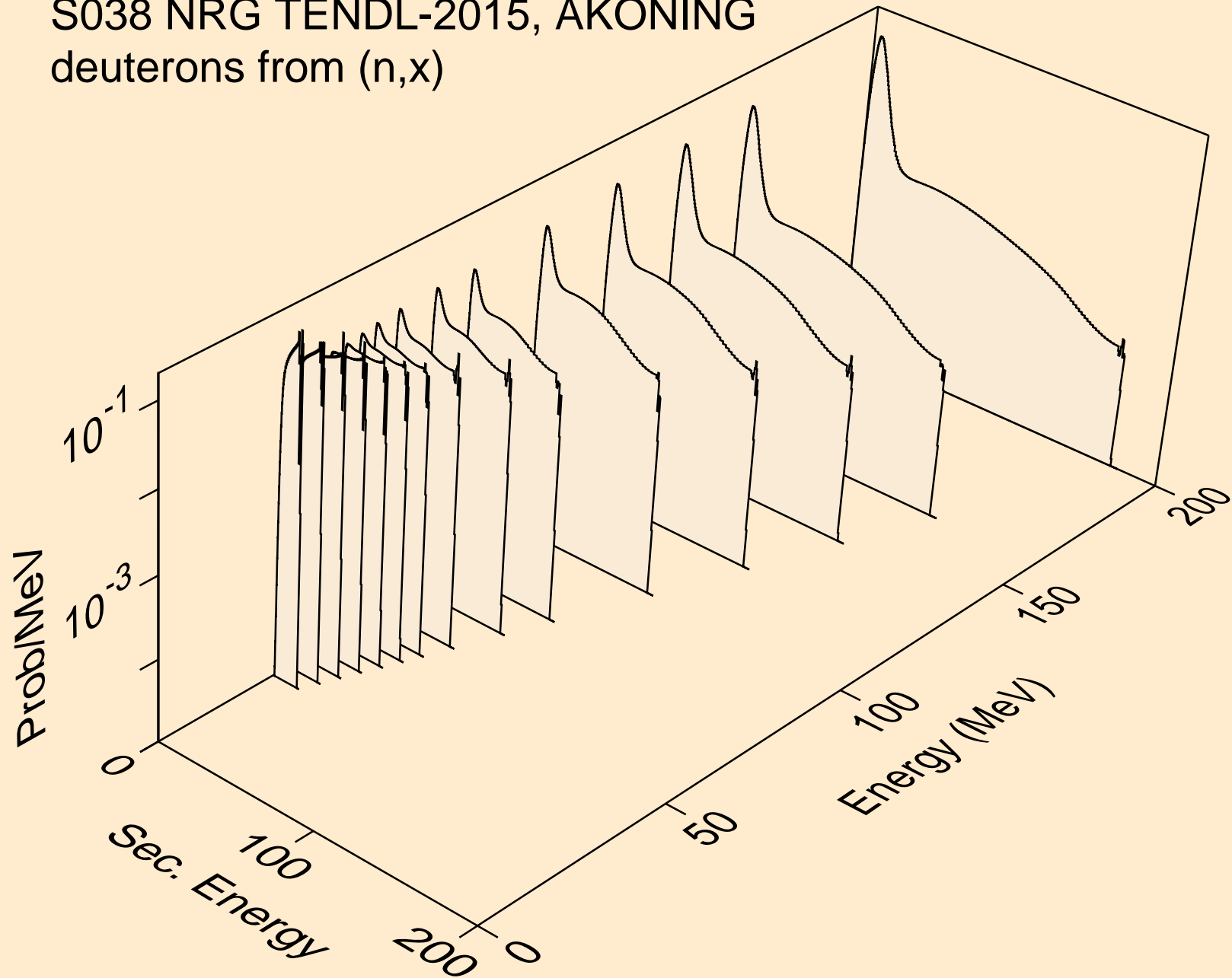




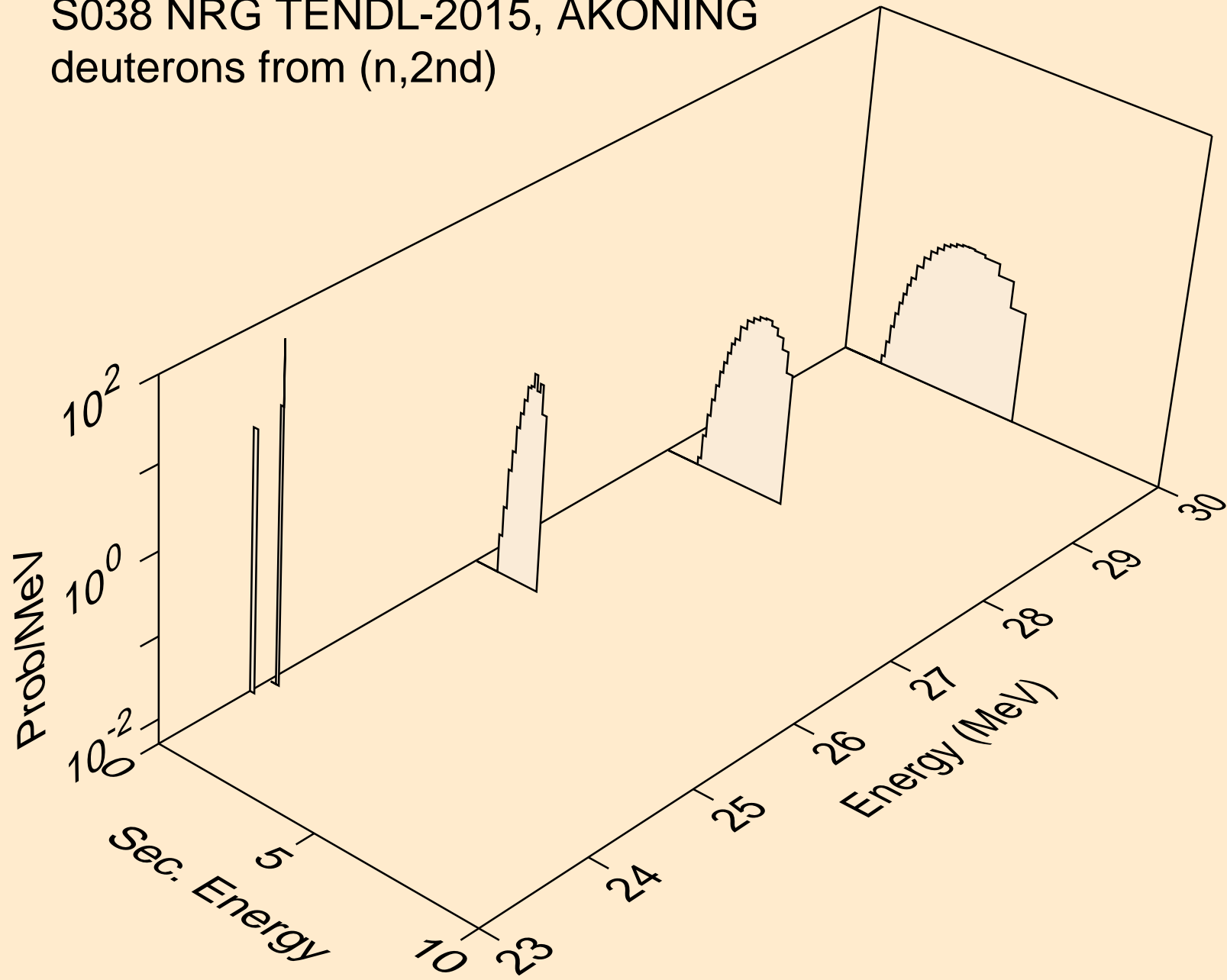
S038 NRG TENDL-2015, AKONING  
protons from (n,p)



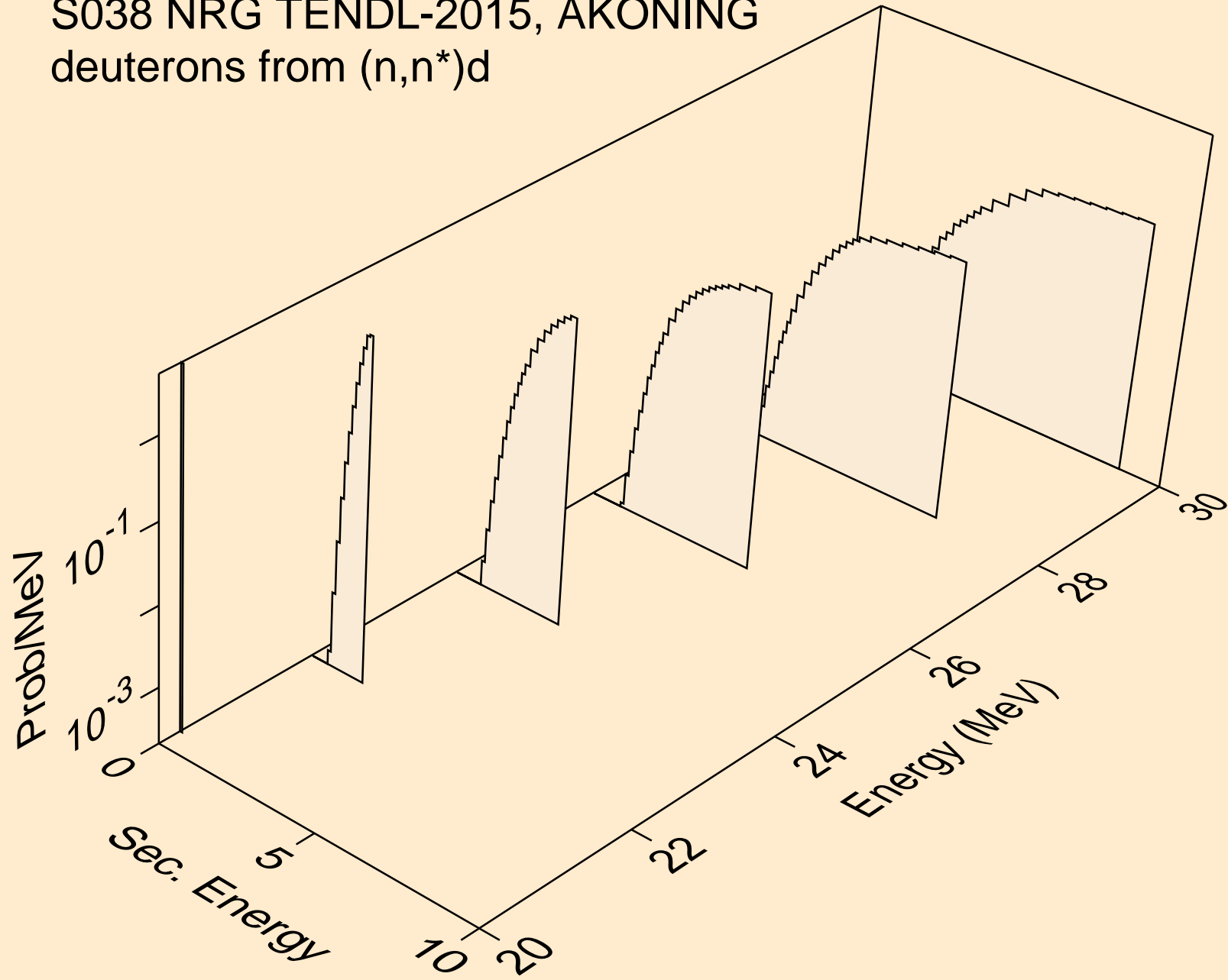
S038 NRG TENDL-2015, AKONING  
deuterons from (n,x)



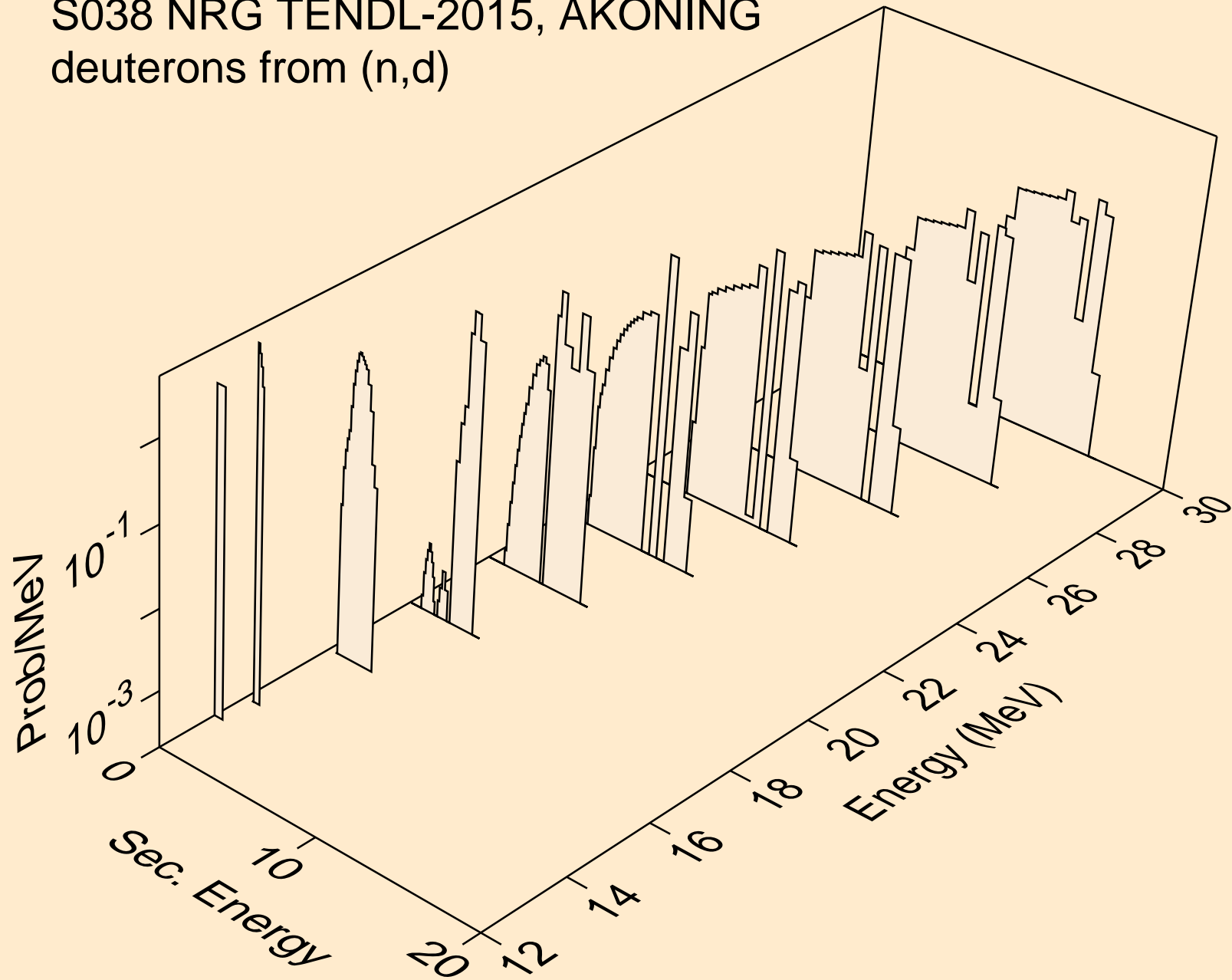
S038 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



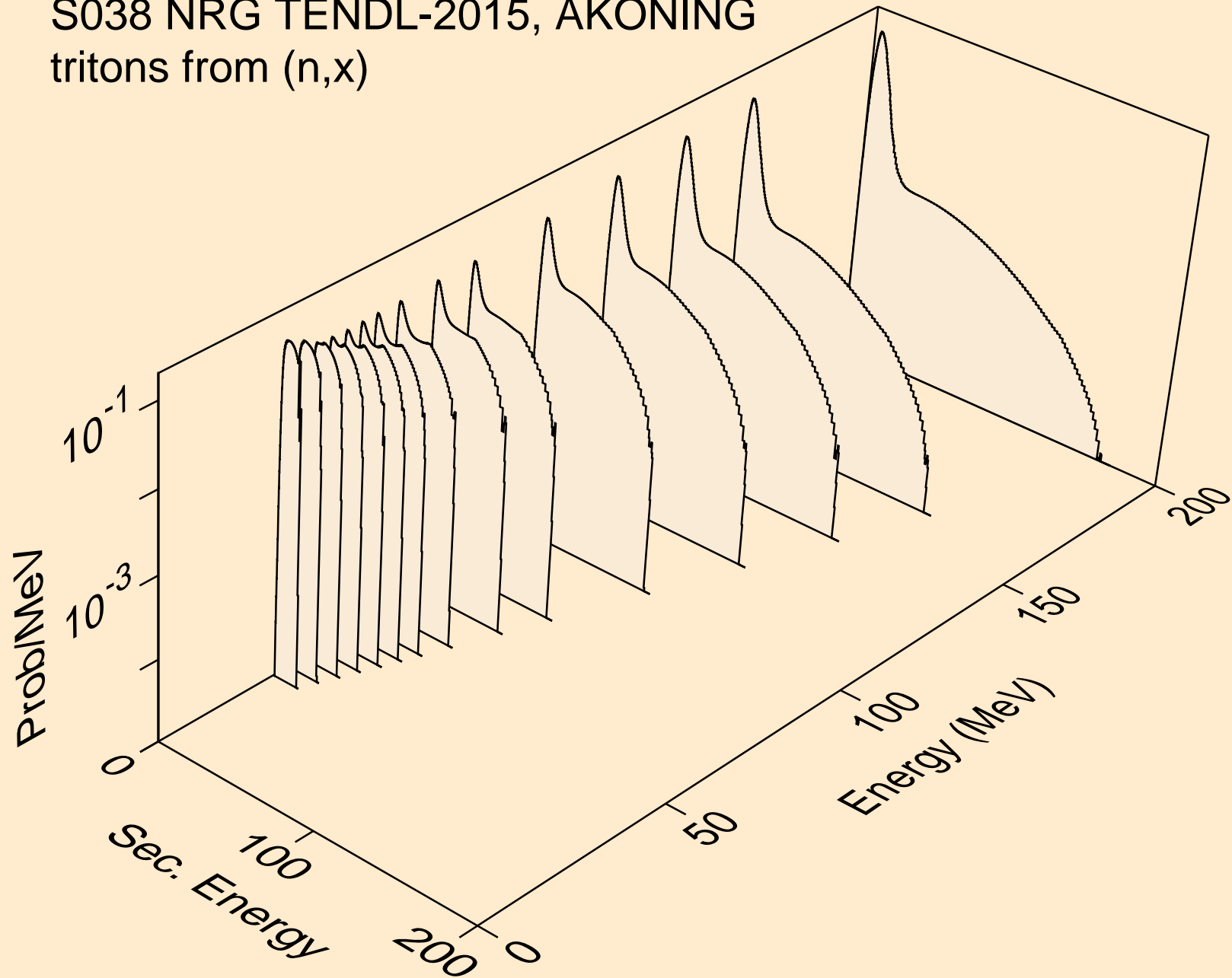
S038 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



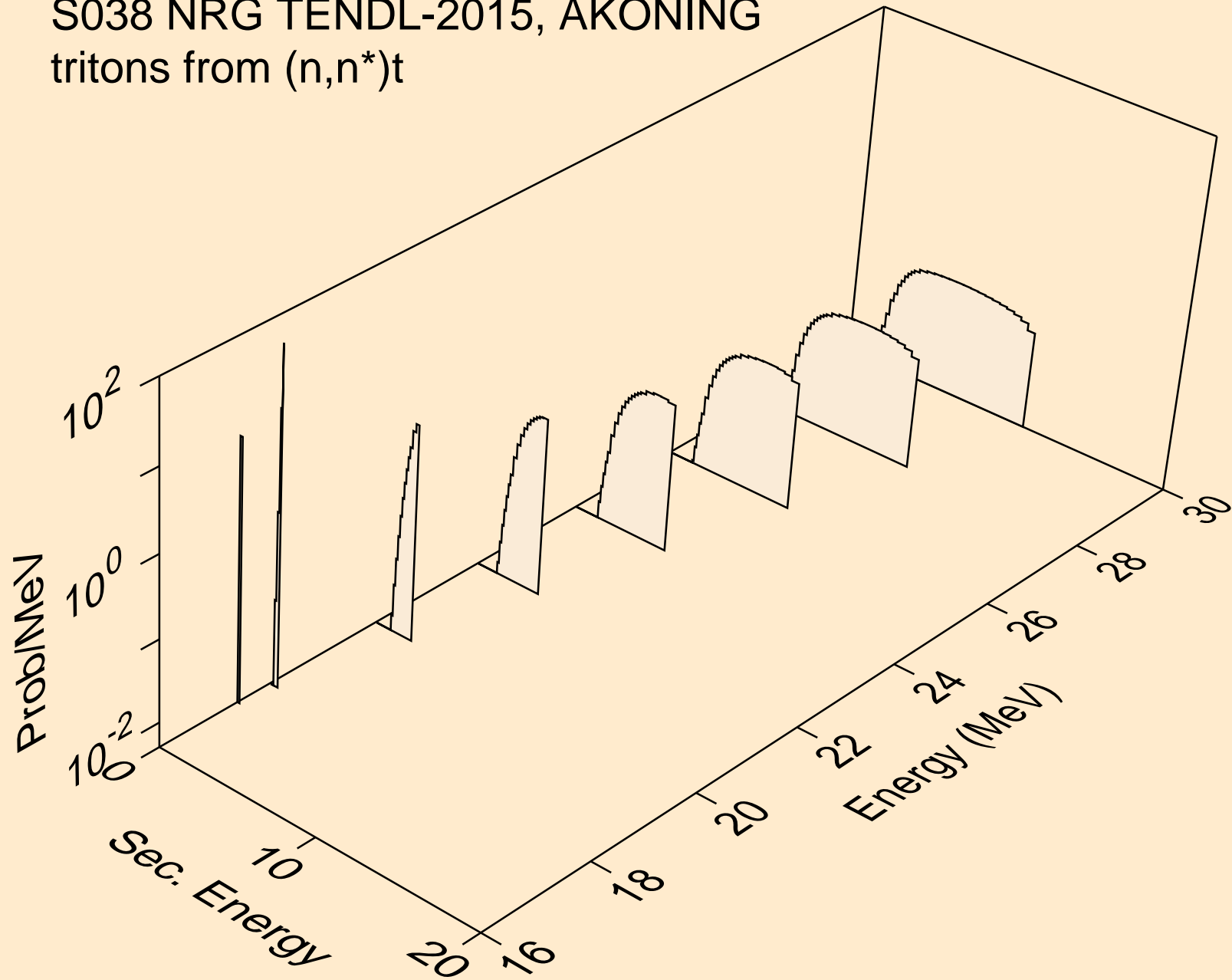
S038 NRG TENDL-2015, AKONING  
deuterons from (n,d)



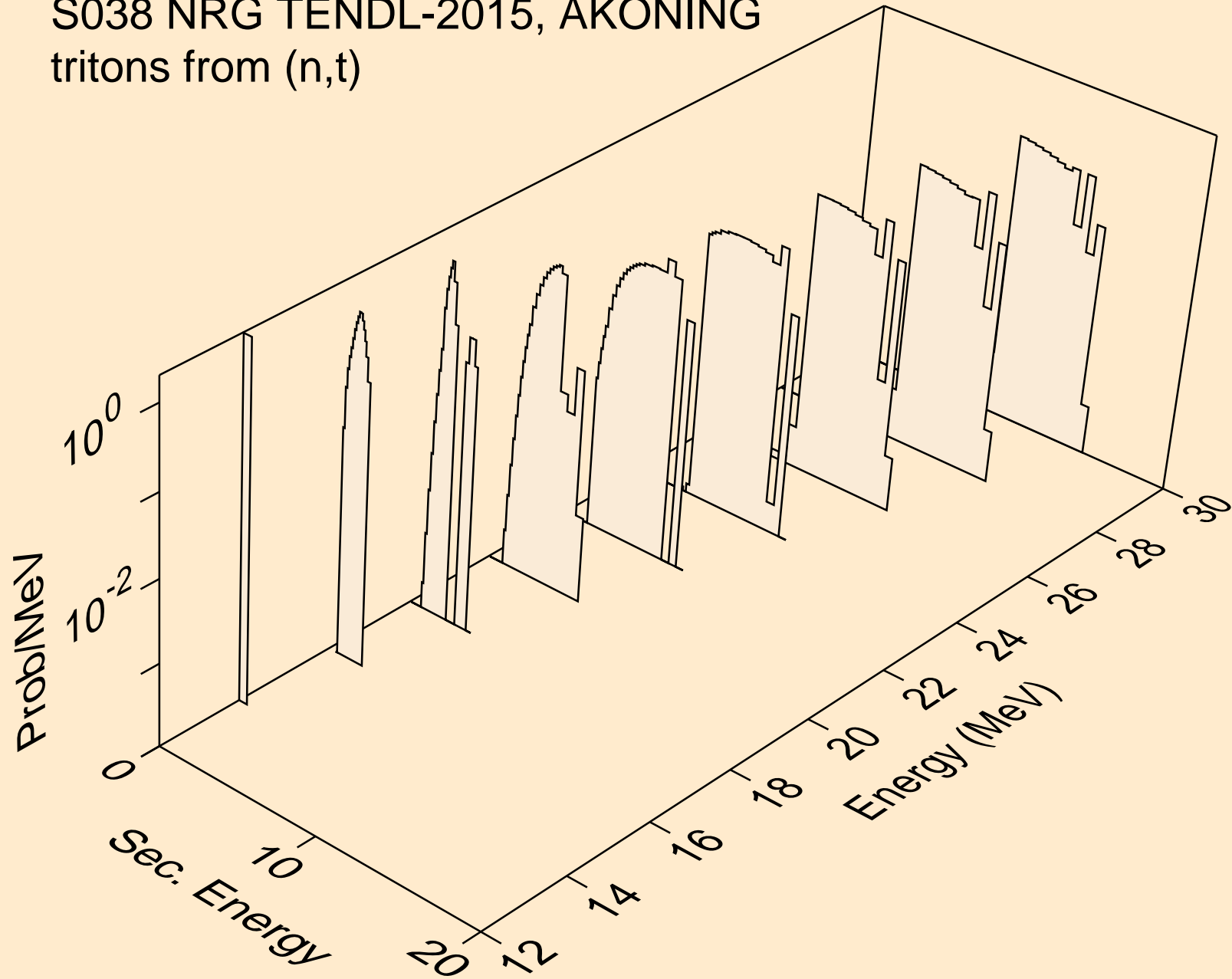
S038 NRG TENDL-2015, AKONING  
tritons from (n,x)



S038 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

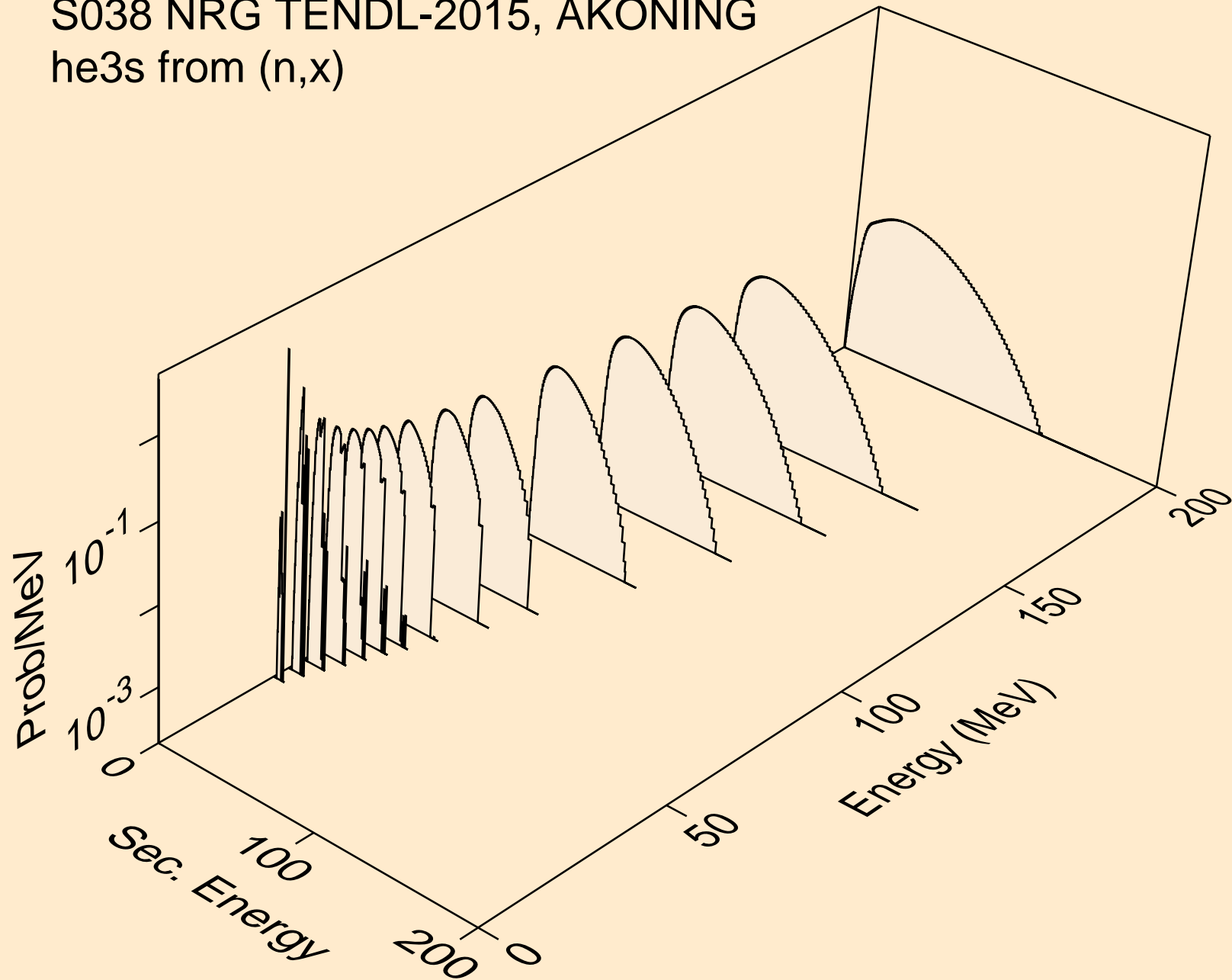


S038 NRG TENDL-2015, AKONING  
tritons from (n,t)

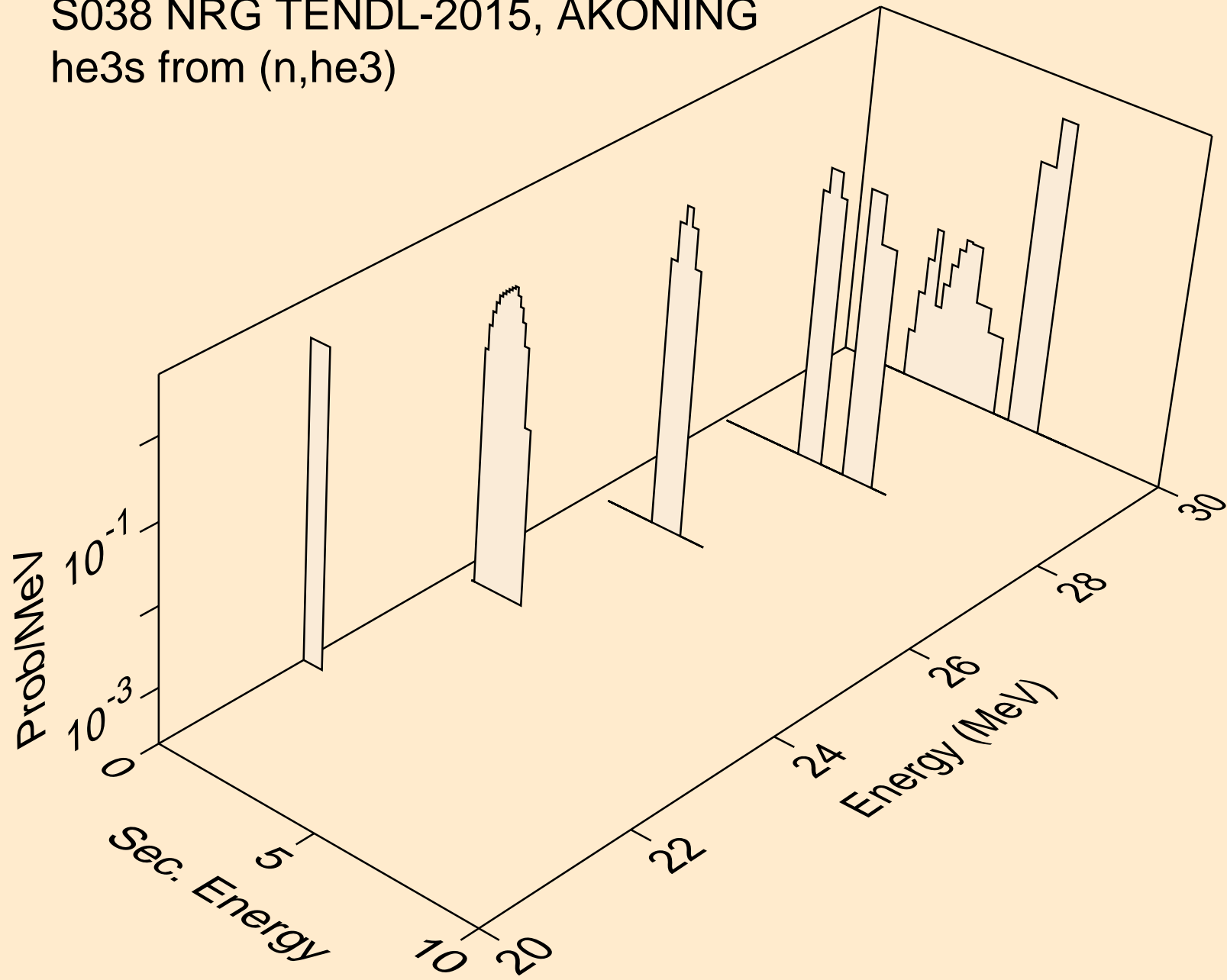




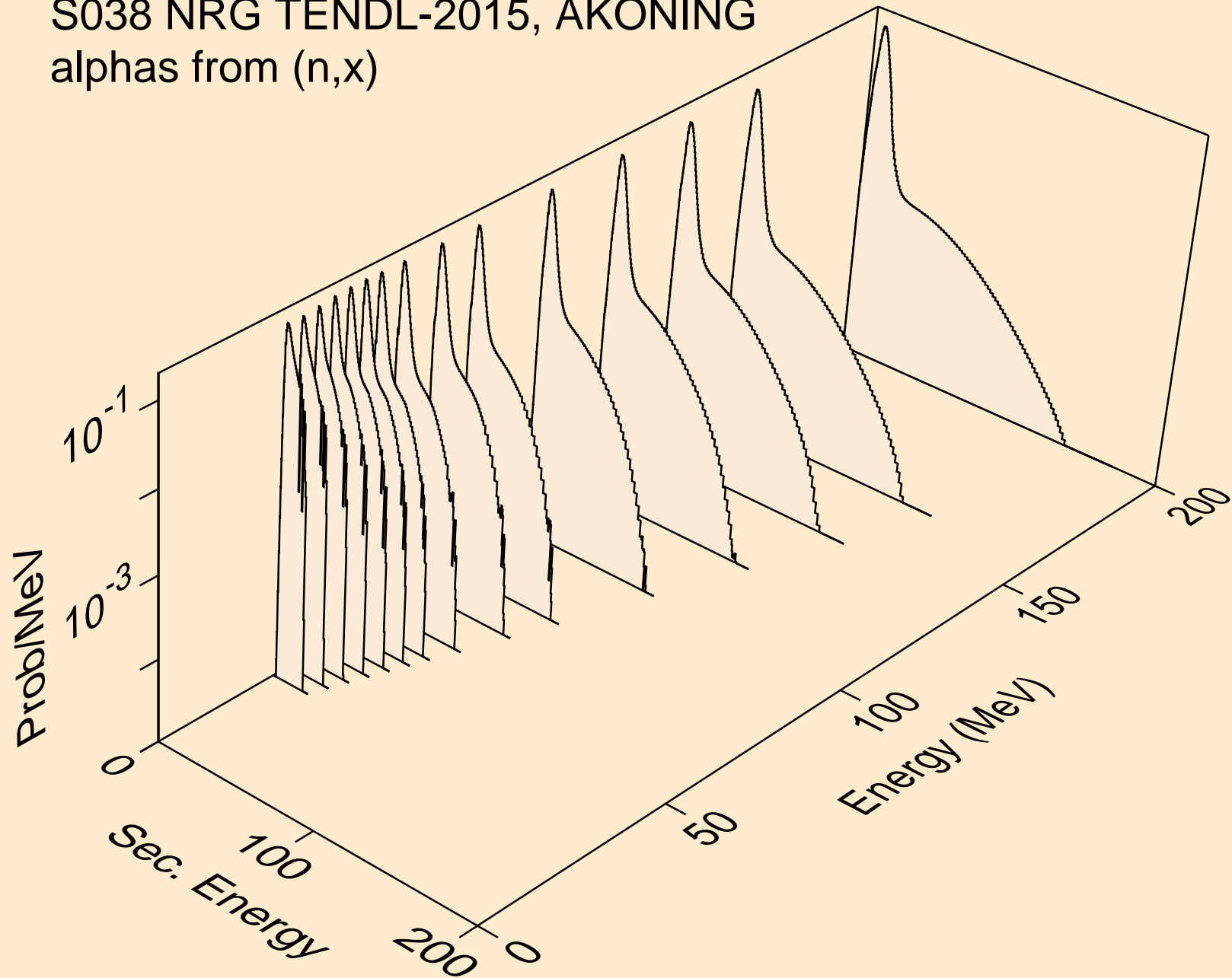
S038 NRG TENDL-2015, AKONING  
he3s from (n,x)



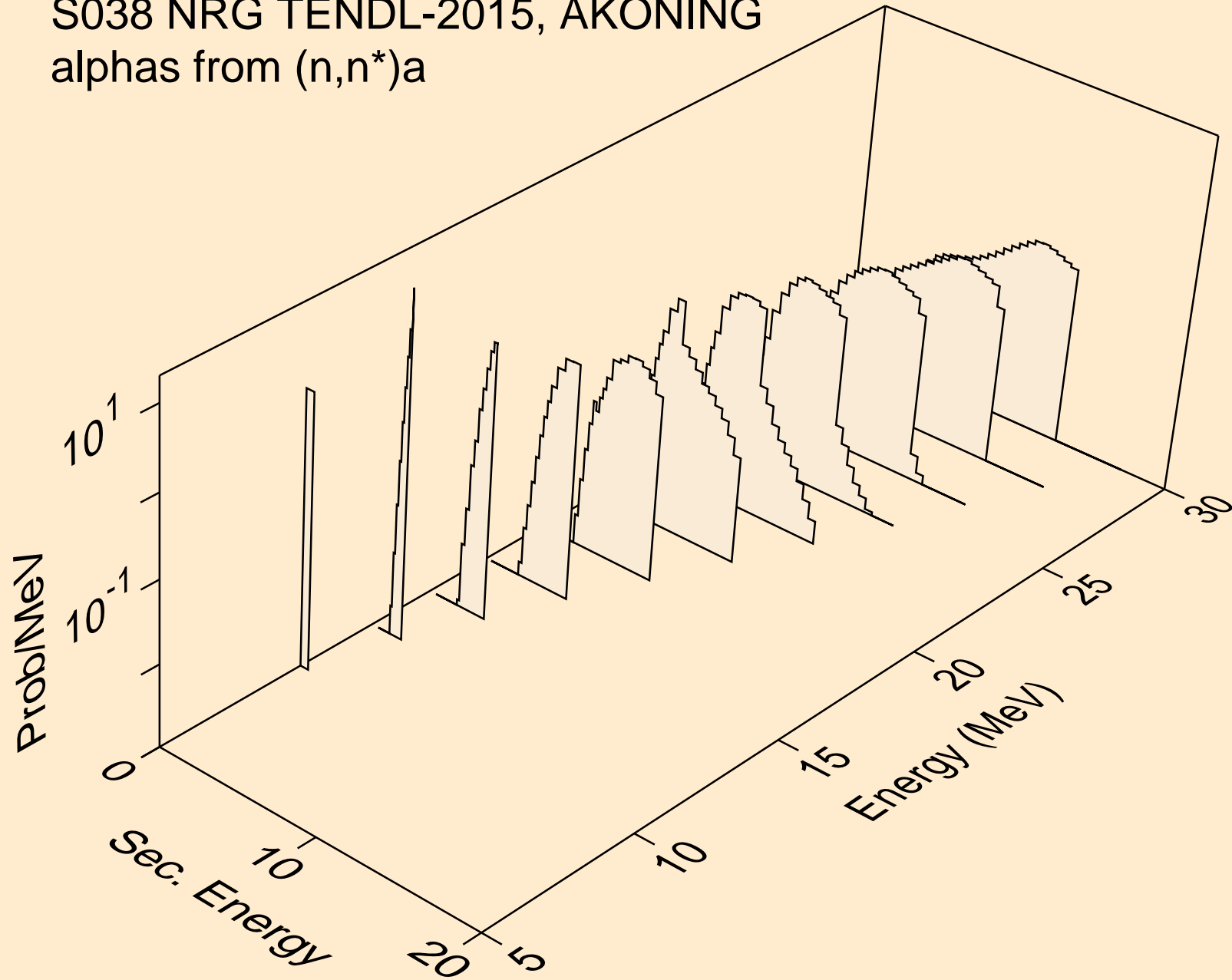
S038 NRG TENDL-2015, AKONING  
he3s from (n,he3)



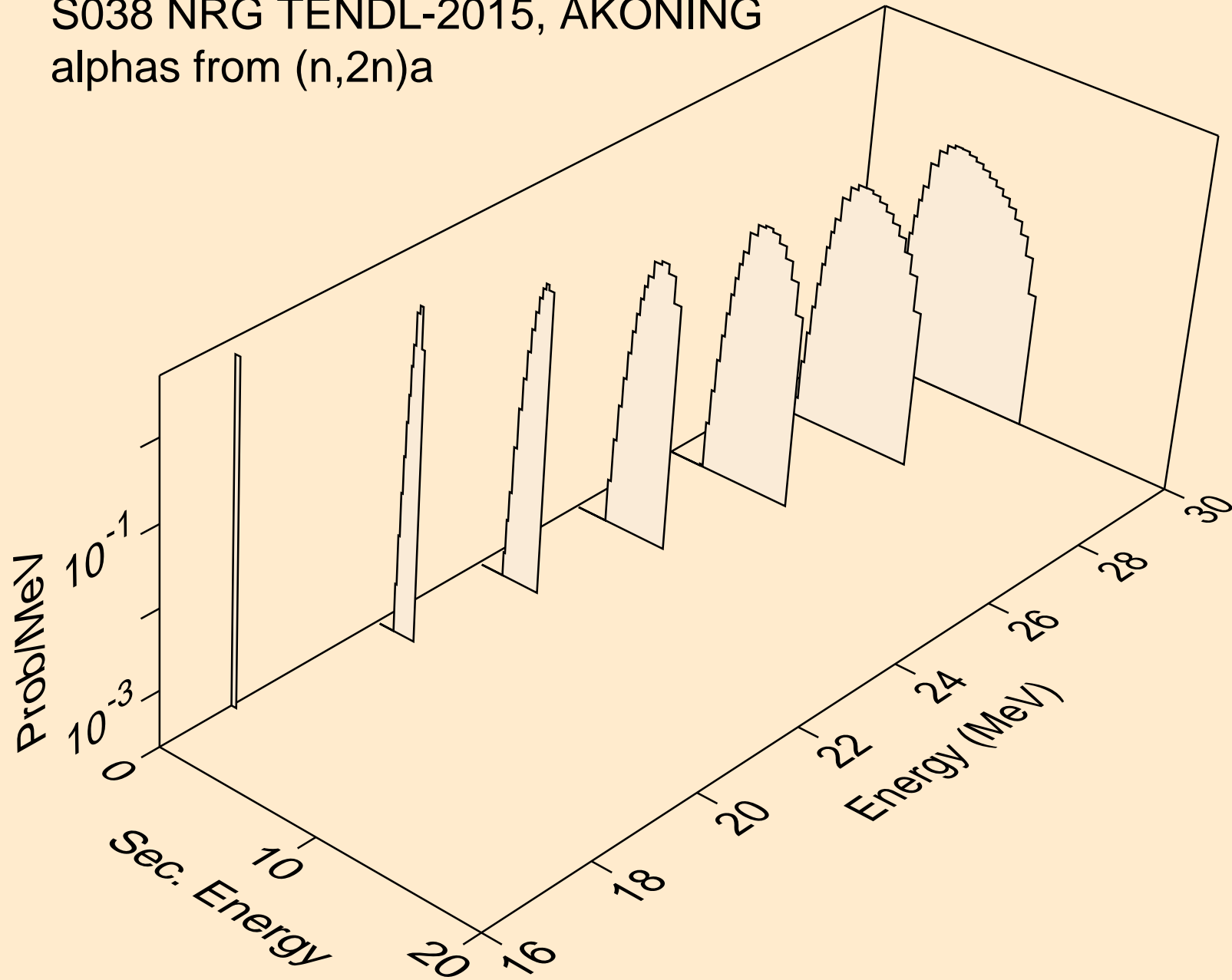
S038 NRG TENDL-2015, AKONING  
alphas from (n,x)



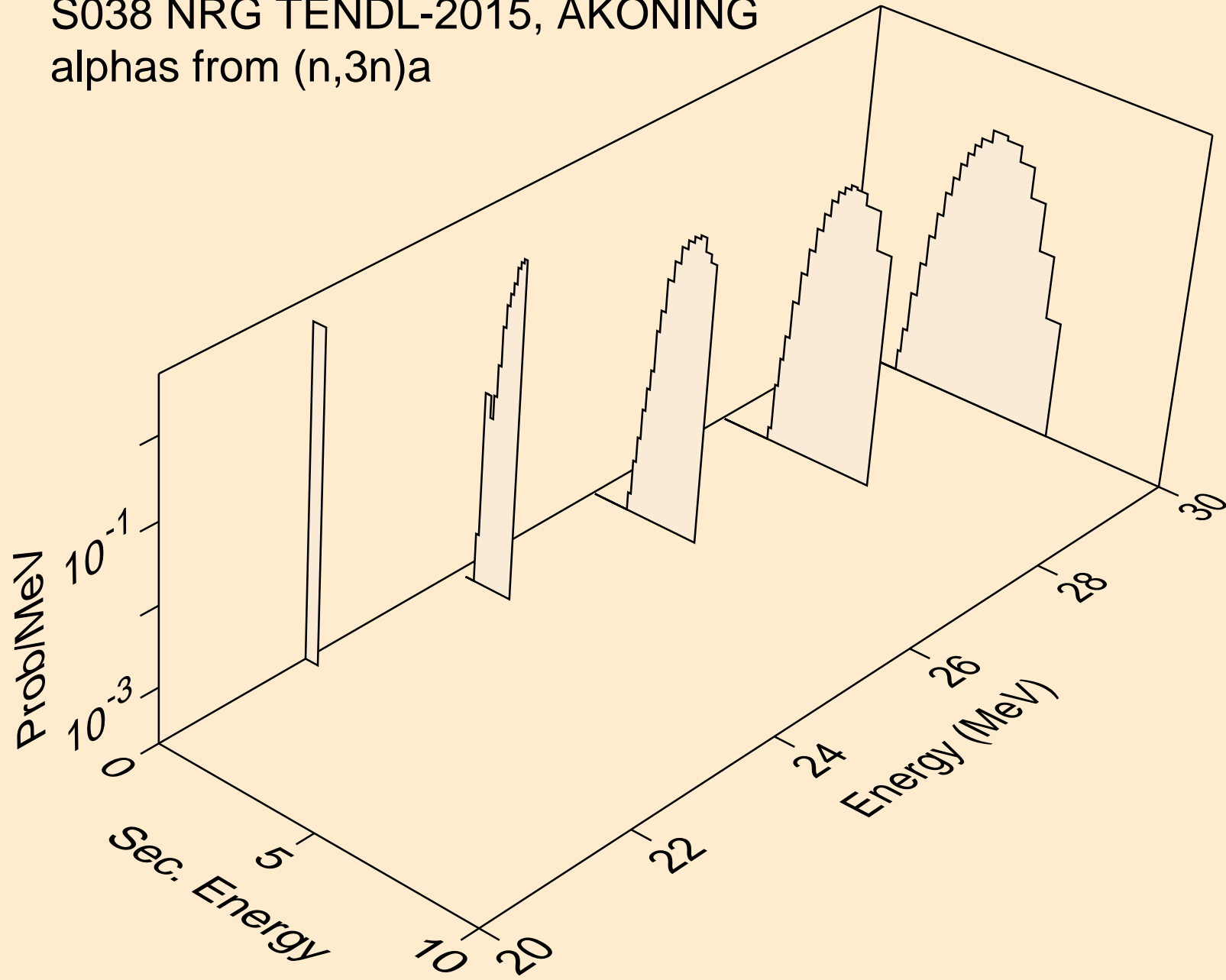
S038 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



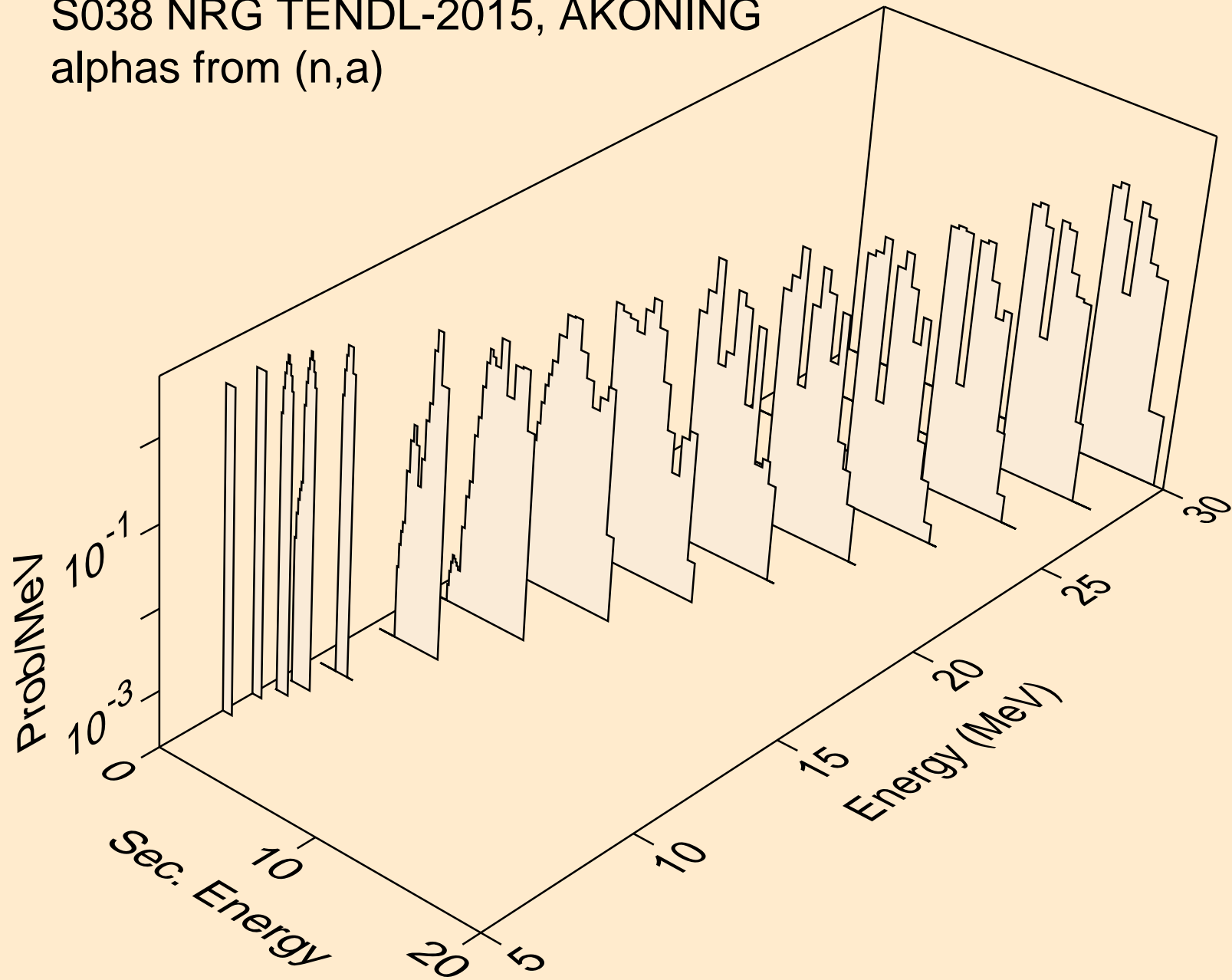
S038 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



S038 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



S038 NRG TENDL-2015, AKONING  
alphas from (n,a)



S038 NRG TENDL-2015, AKONING  
alphas from (n,2a)

