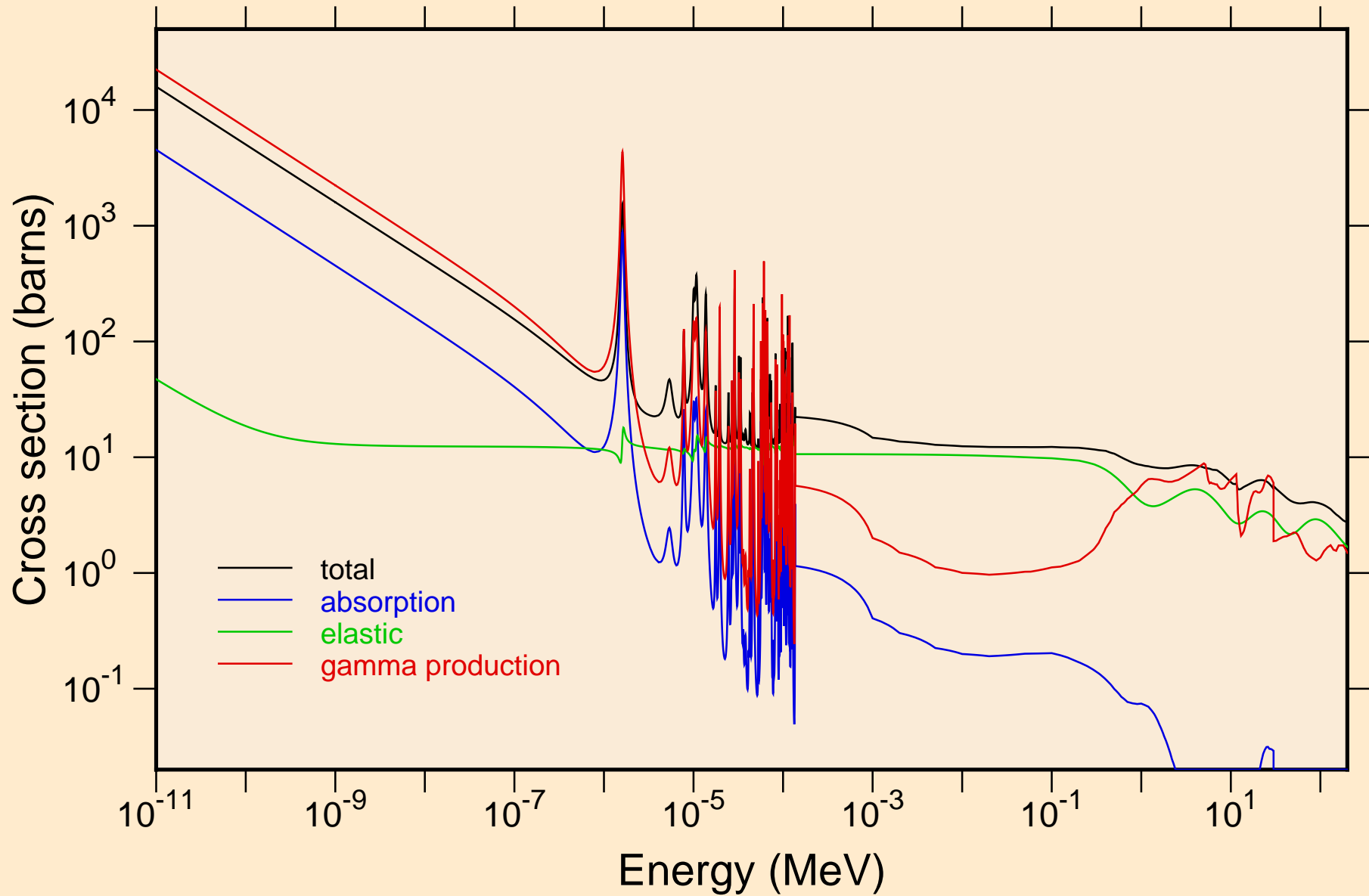
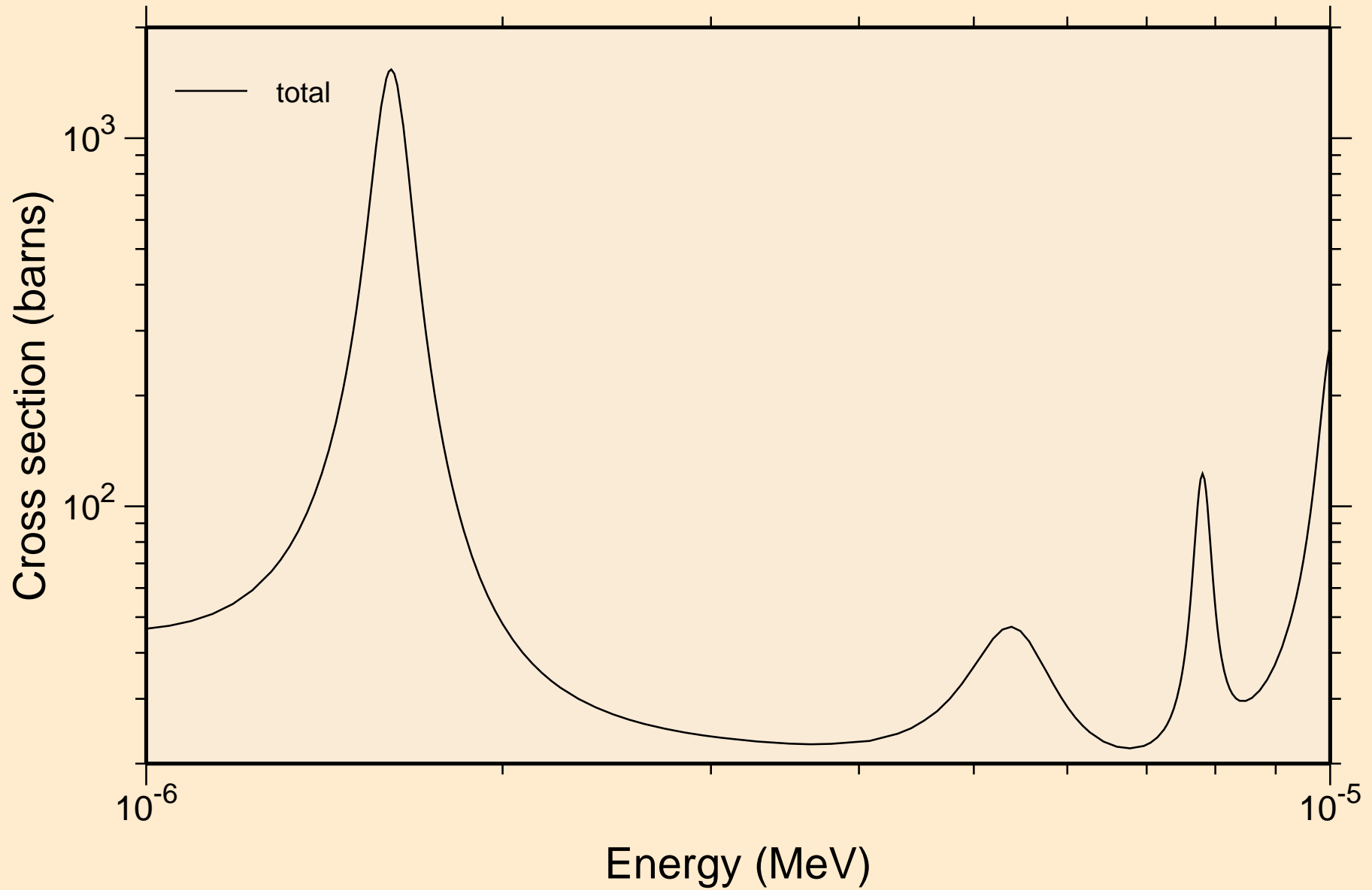


# PU243 NRG TENDL-2015, AKONING

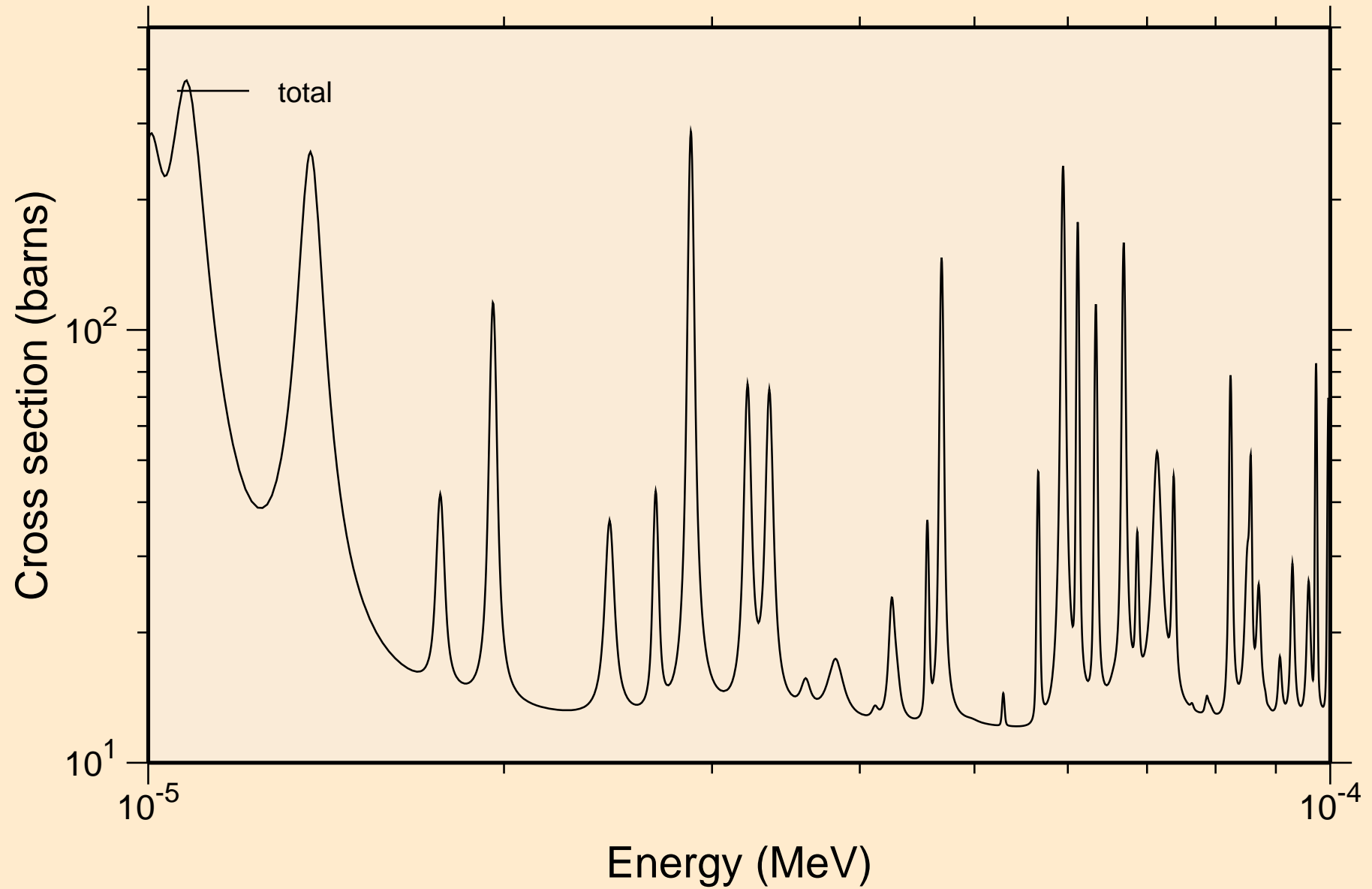
## Principal cross sections



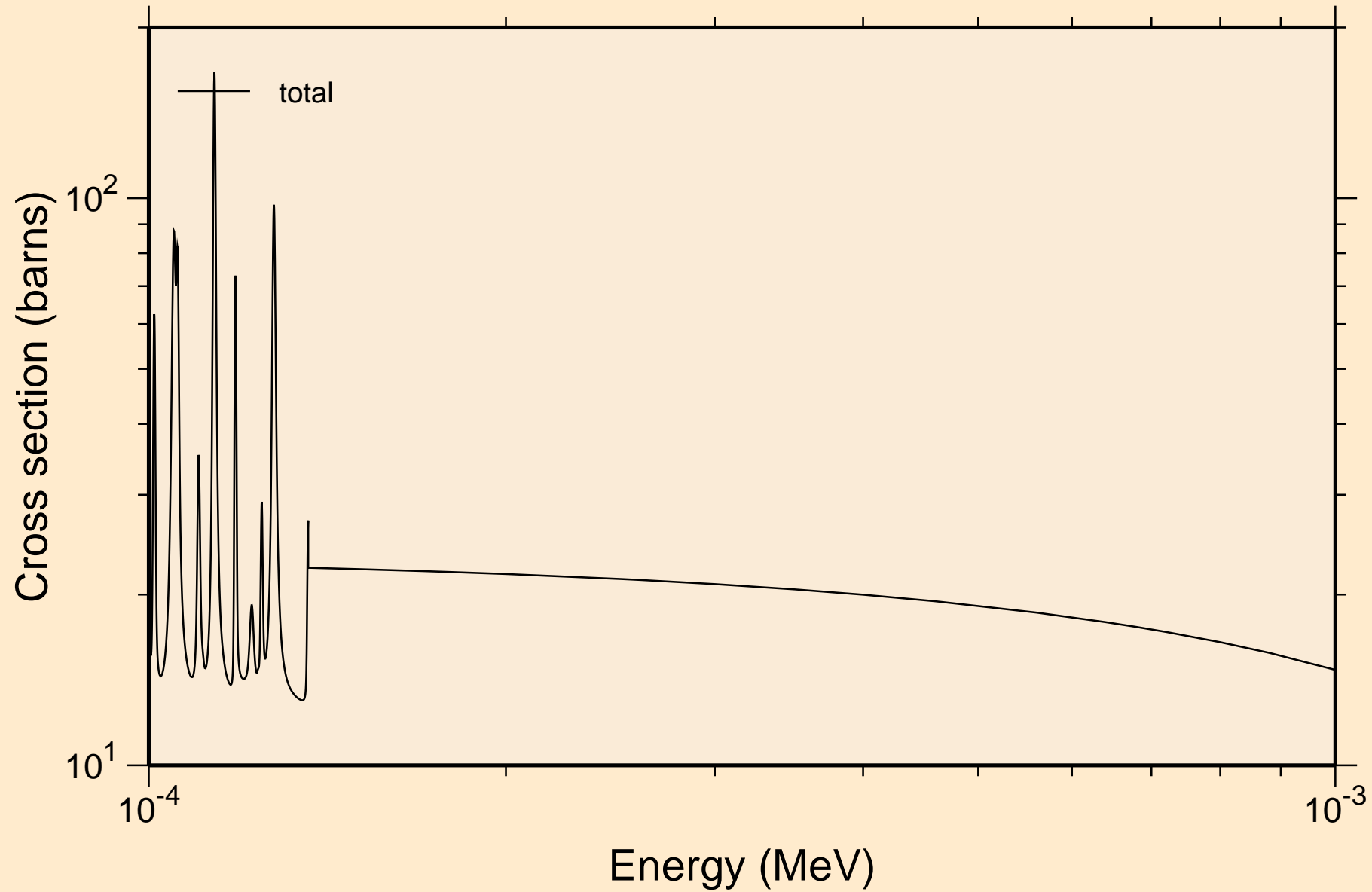
PU243 NRG TENDL-2015, AKONING  
resonance total cross section



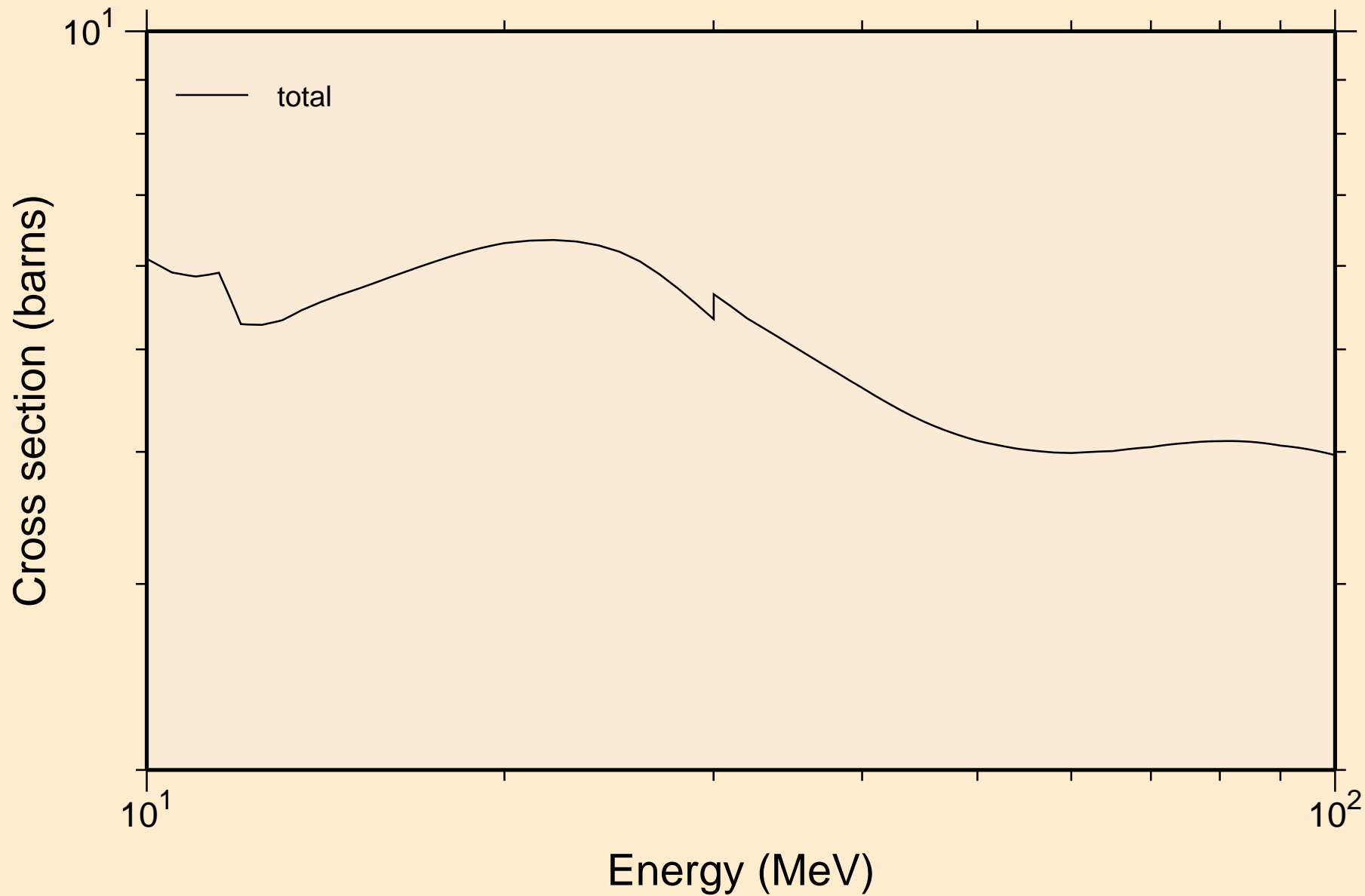
PU243 NRG TENDL-2015, AKONING  
resonance total cross section



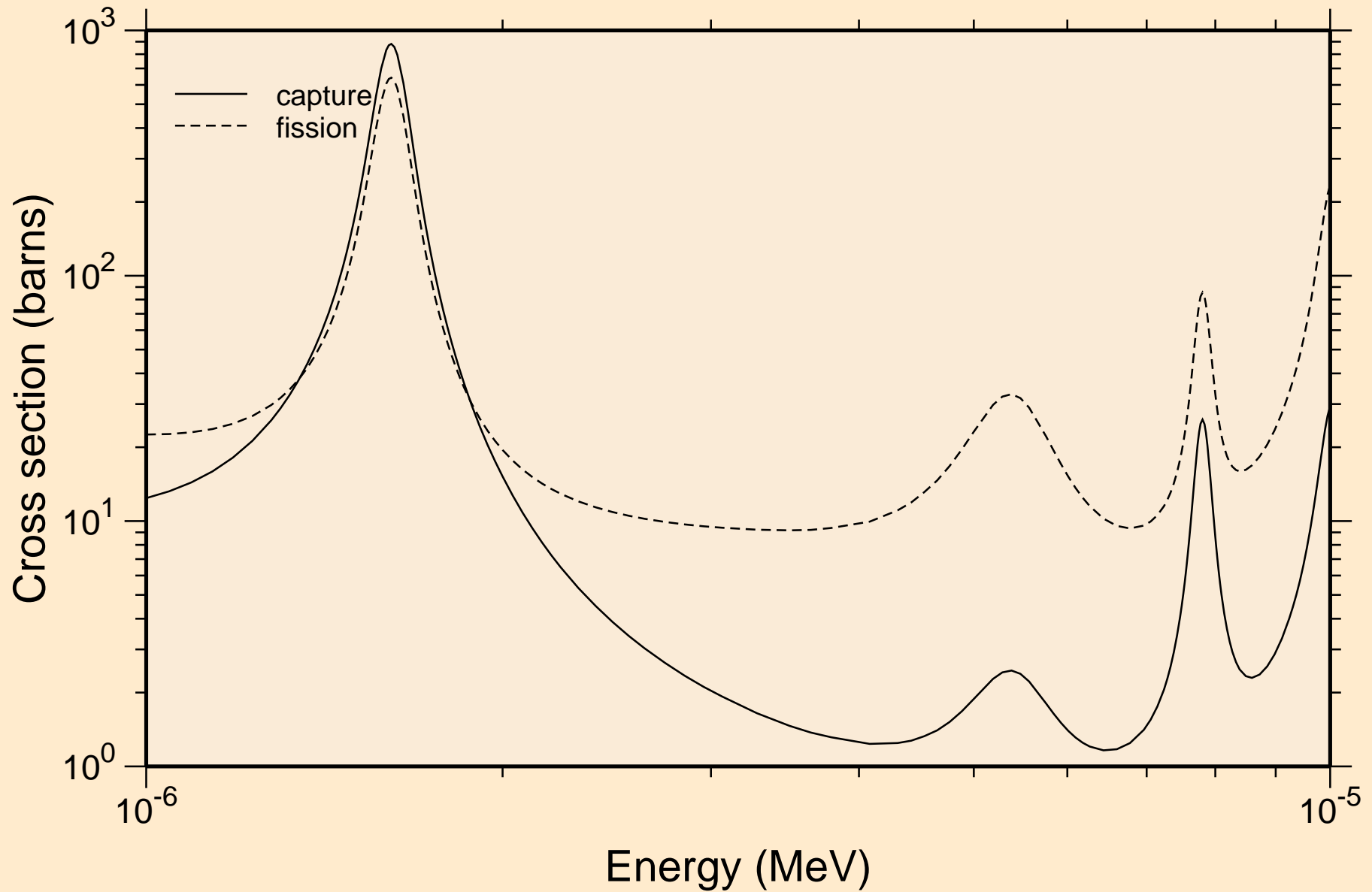
PU243 NRG TENDL-2015, AKONING  
resonance total cross section



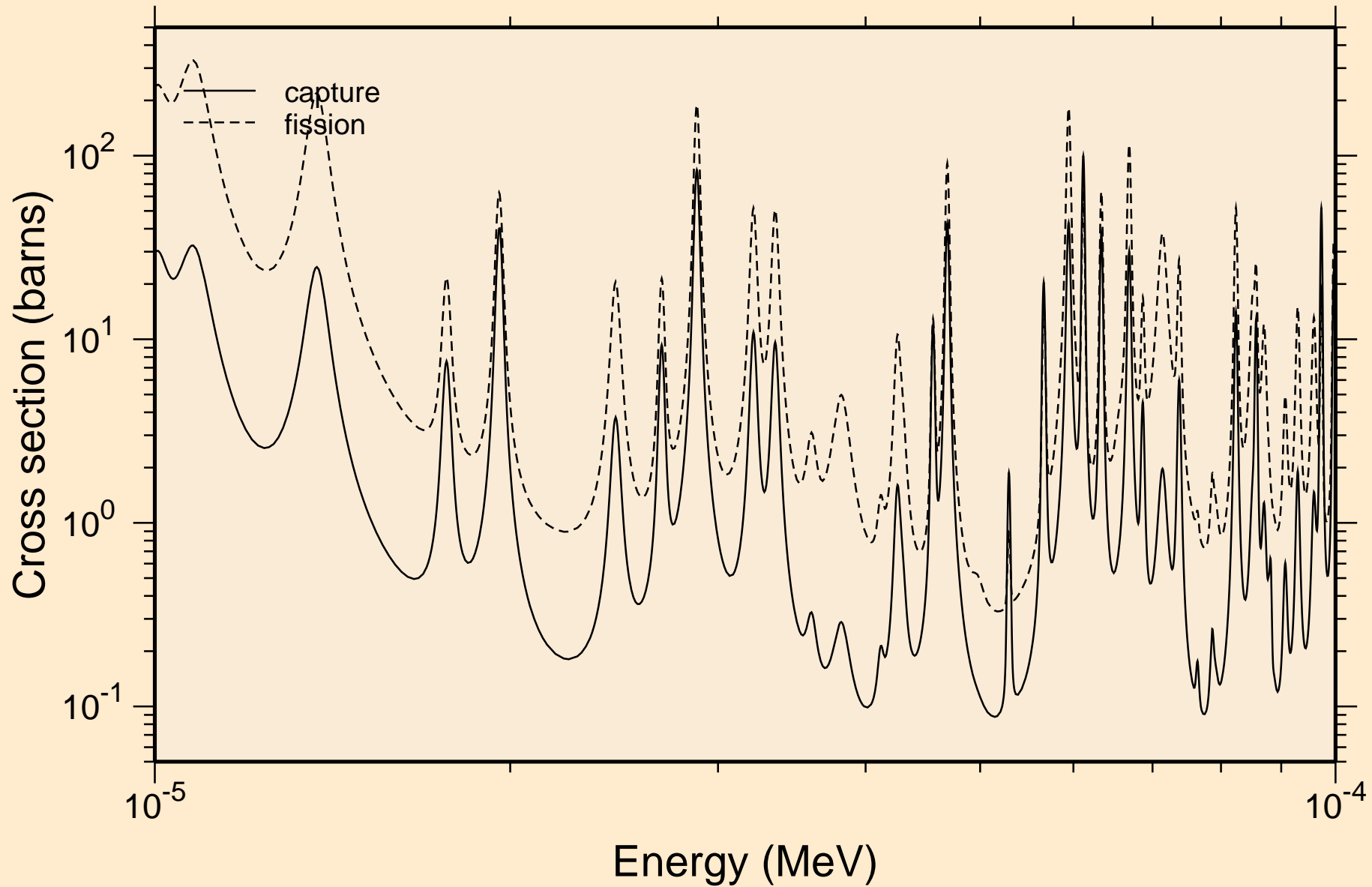
PU243 NRG TENDL-2015, AKONING  
resonance total cross section



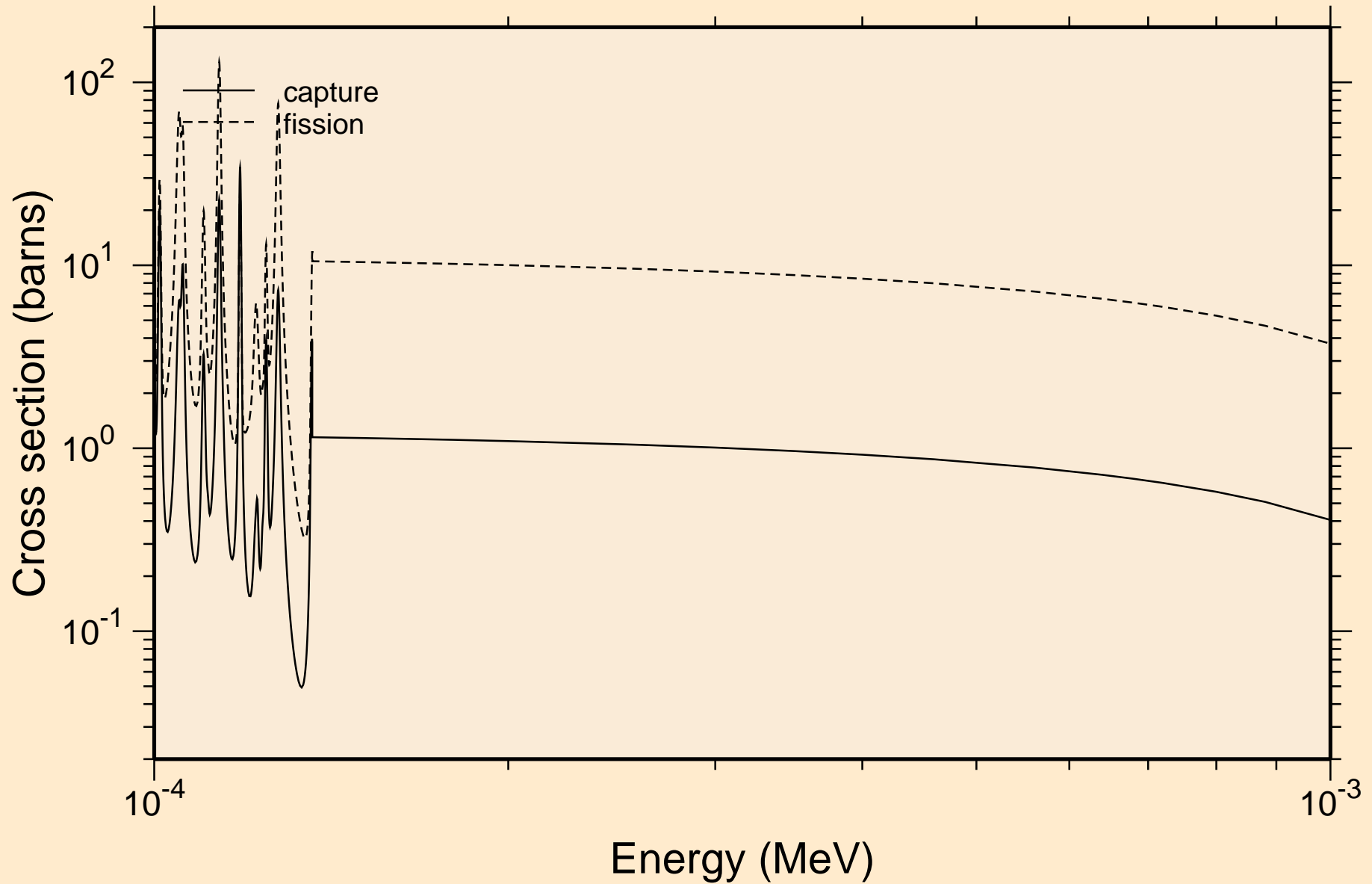
PU243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PU243 NRG TENDL-2015, AKONING  
resonance absorption cross sections

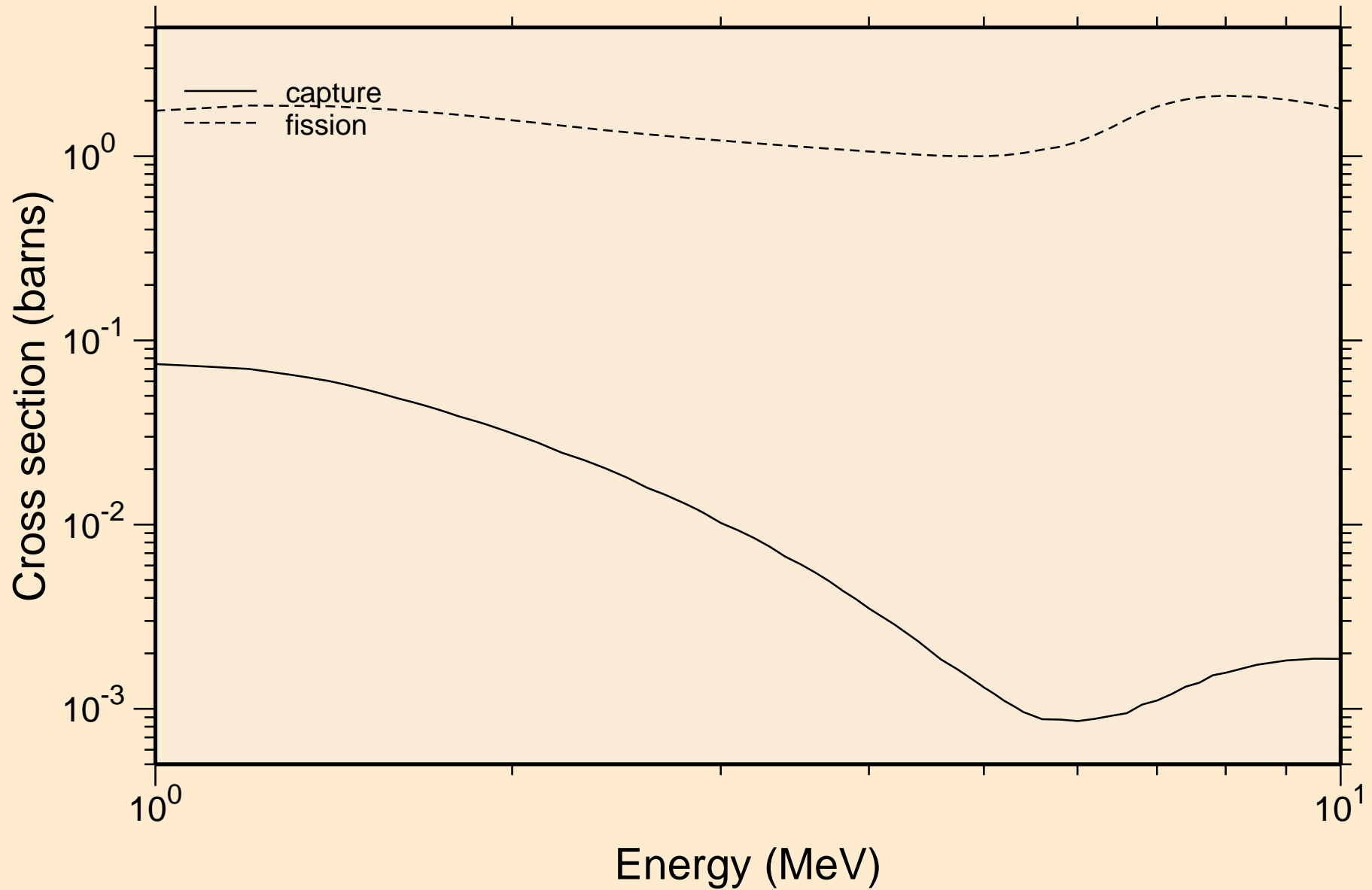


PU243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



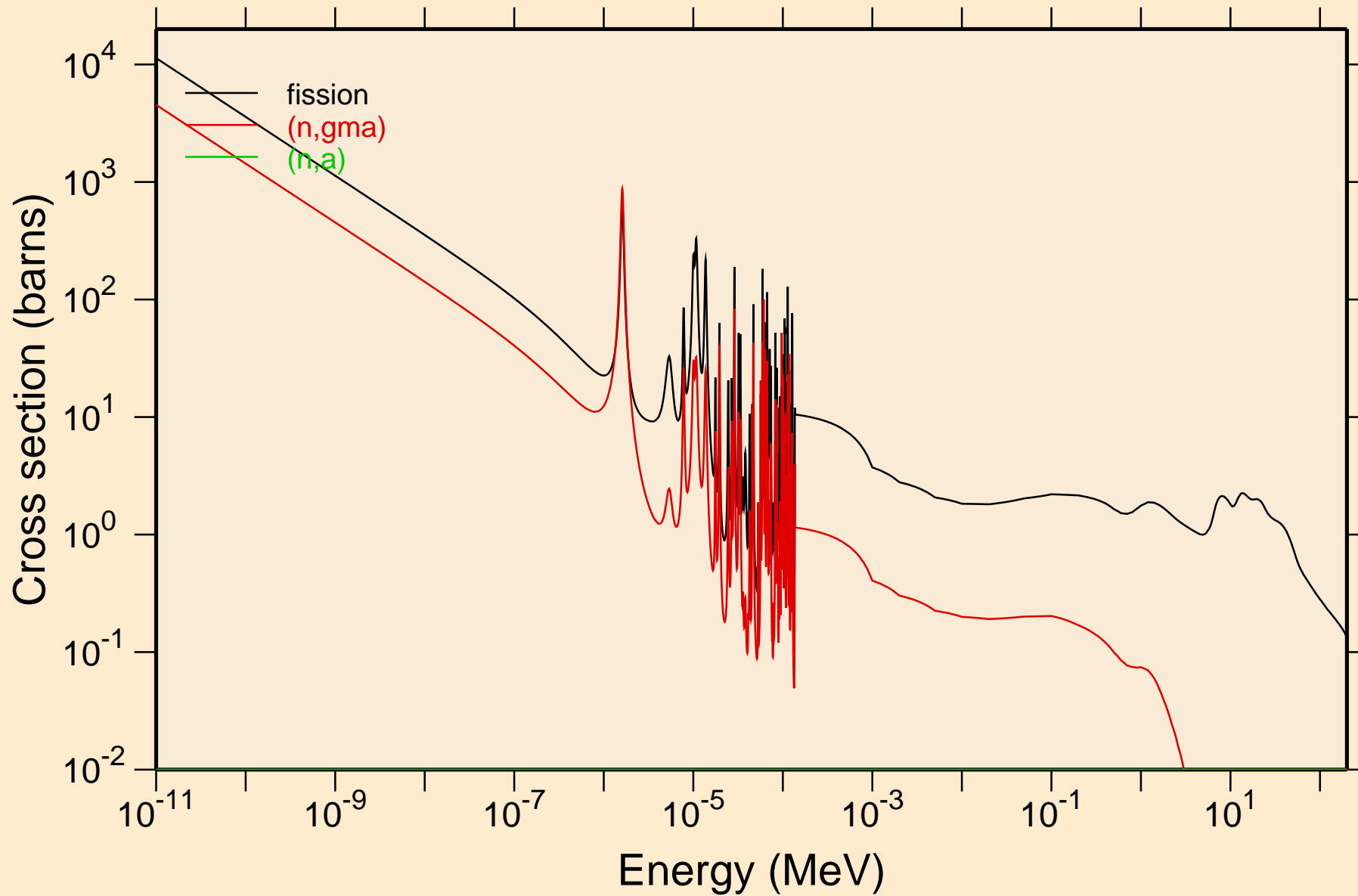


PU243 NRG TENDL-2015, AKONING  
resonance absorption cross sections



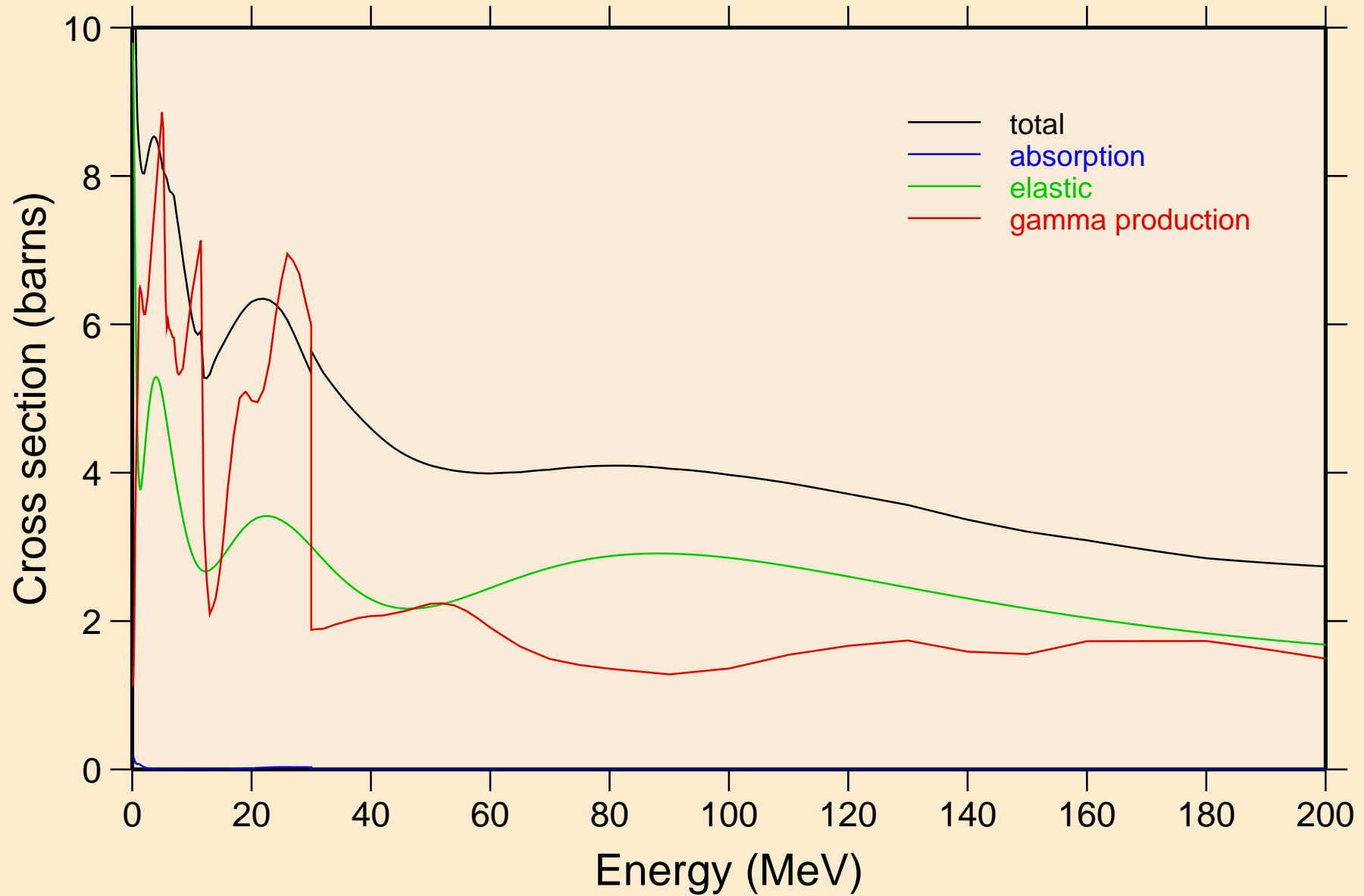
# PU243 NRG TENDL-2015, AKONING

## Non-threshold reactions



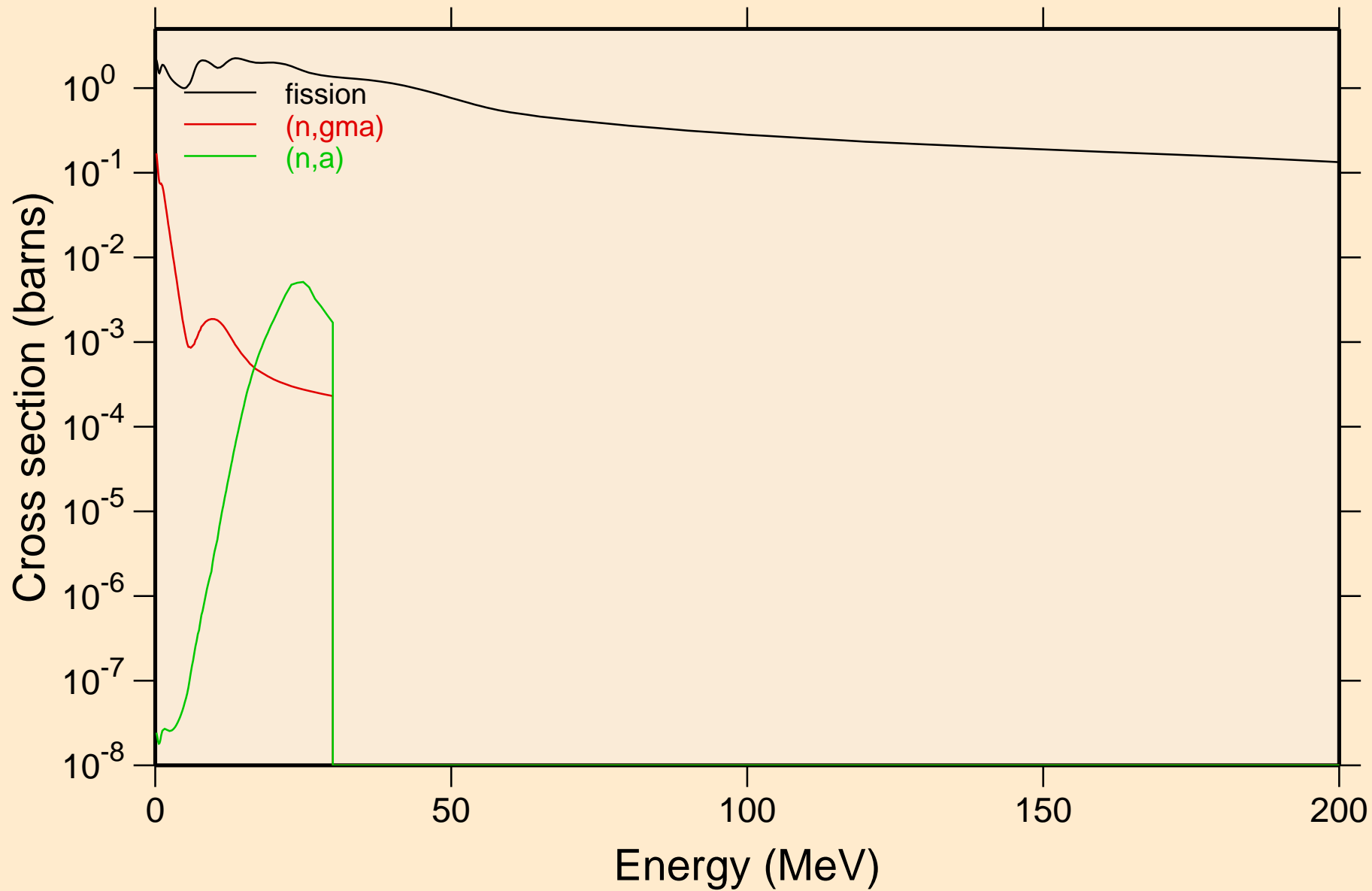
# PU243 NRG TENDL-2015, AKONING

## Principal cross sections



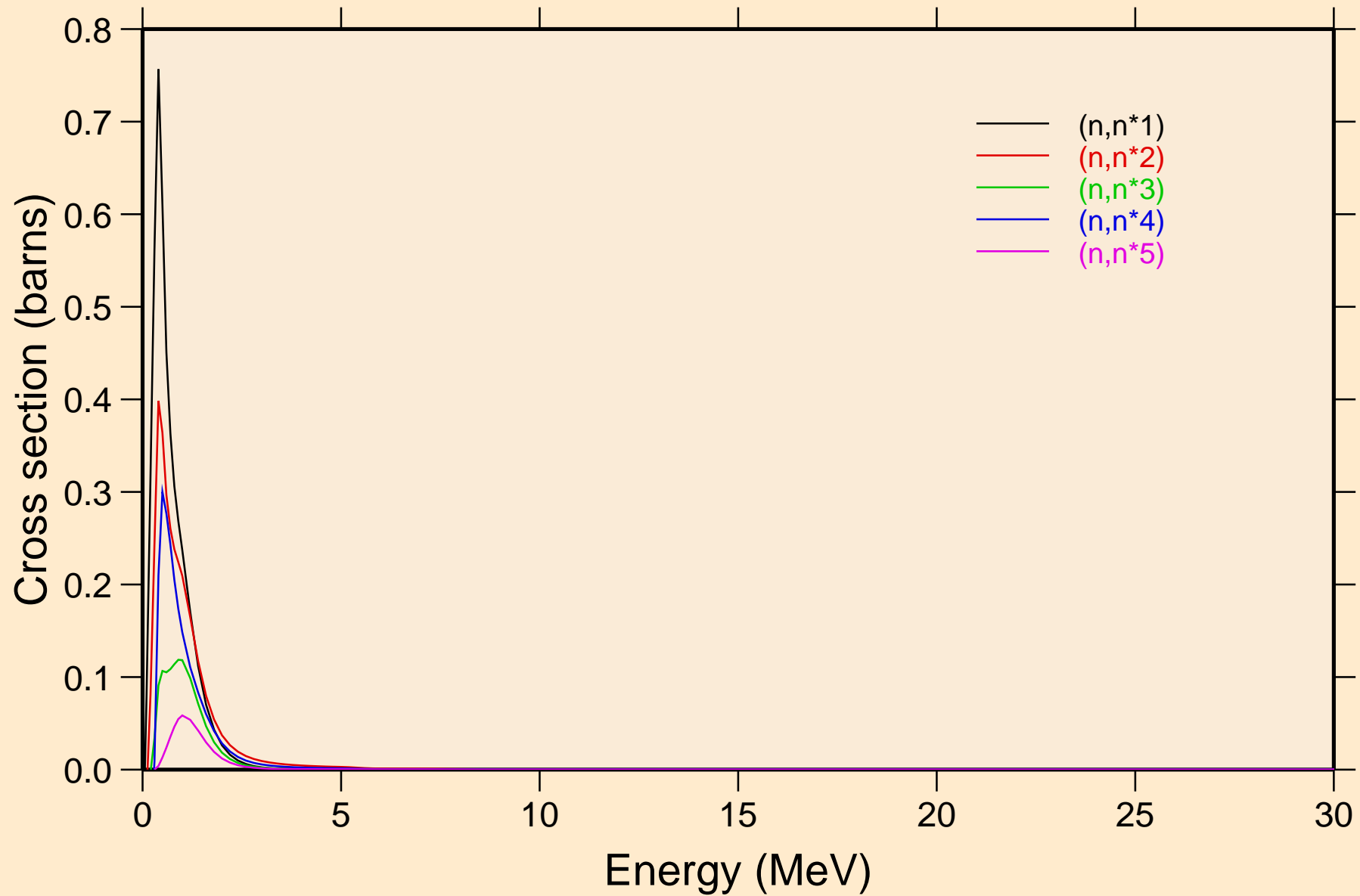
# PU243 NRG TENDL-2015, AKONING

## Non-threshold reactions



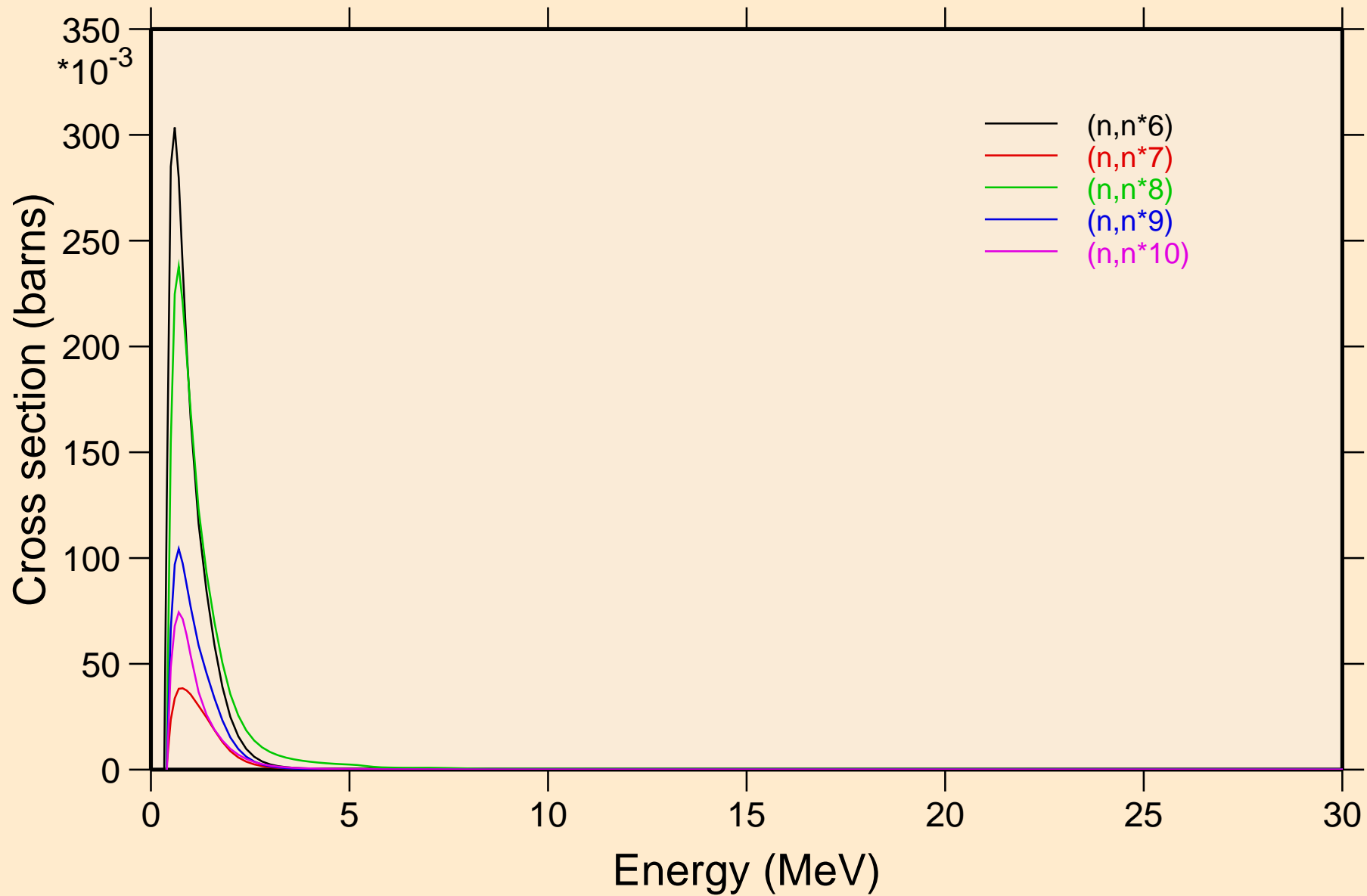
# PU243 NRG TENDL-2015, AKONING

## Inelastic levels



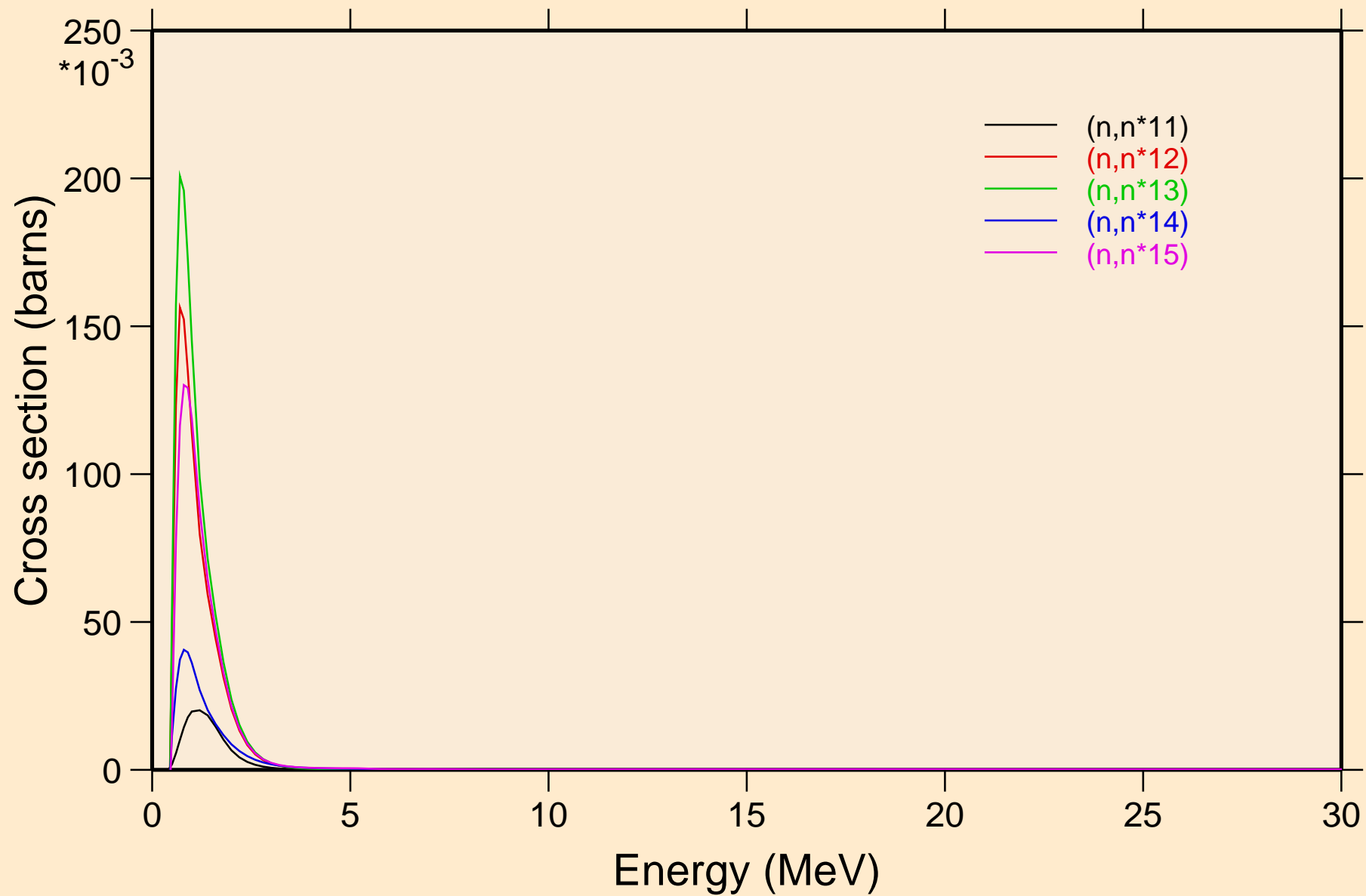
# PU243 NRG TENDL-2015, AKONING

## Inelastic levels



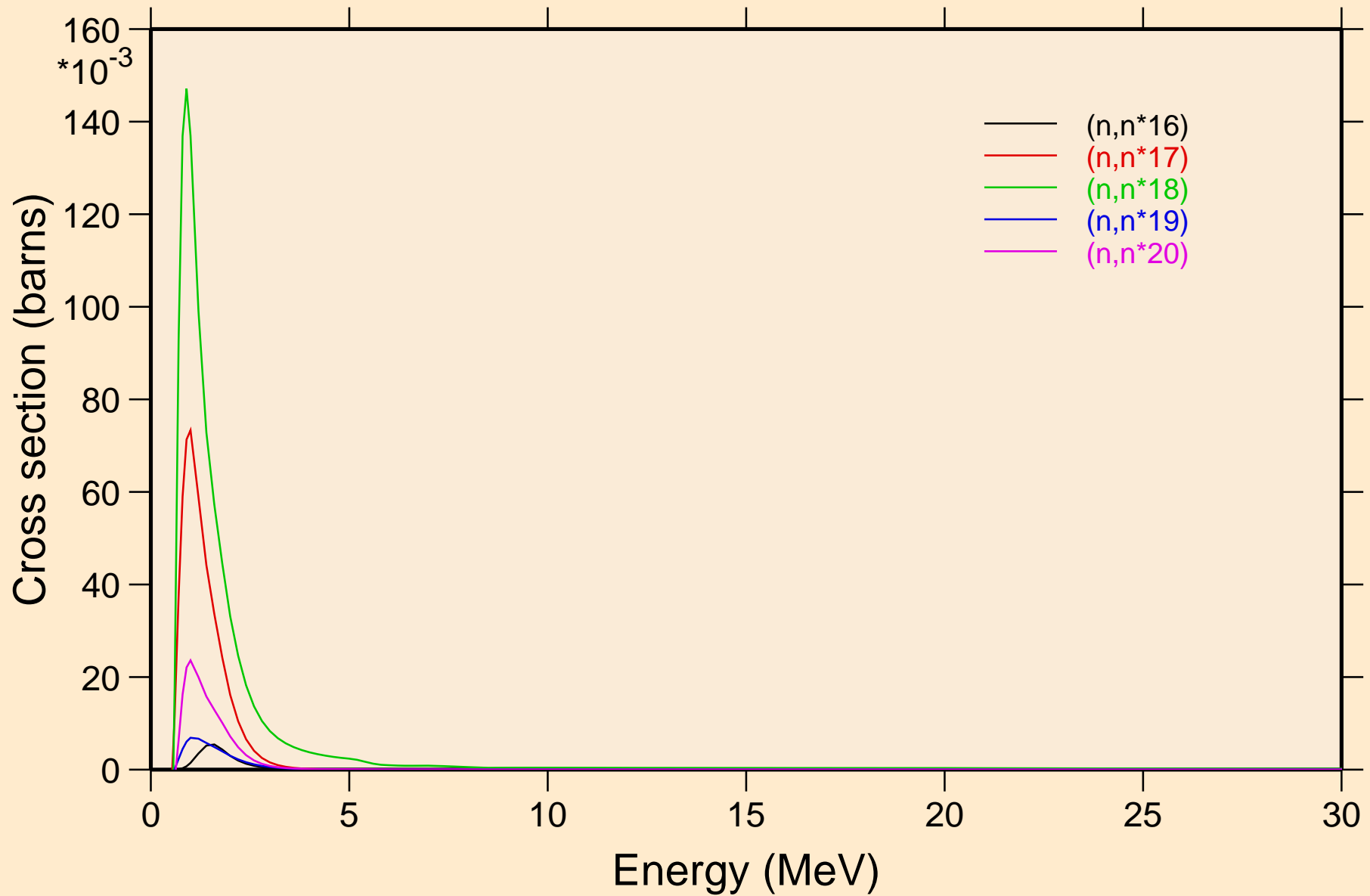
# PU243 NRG TENDL-2015, AKONING

## Inelastic levels



# PU243 NRG TENDL-2015, AKONING

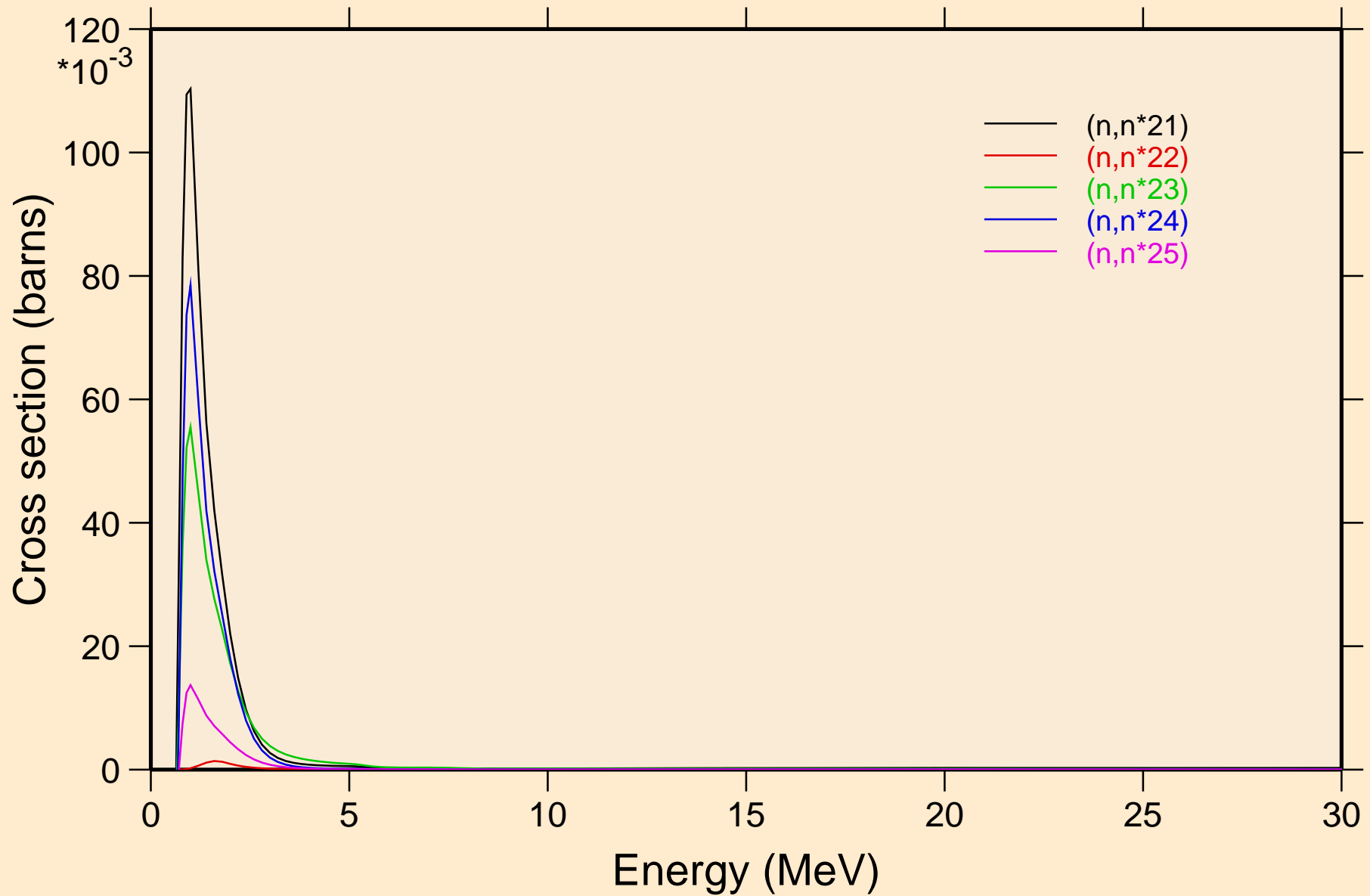
## Inelastic levels





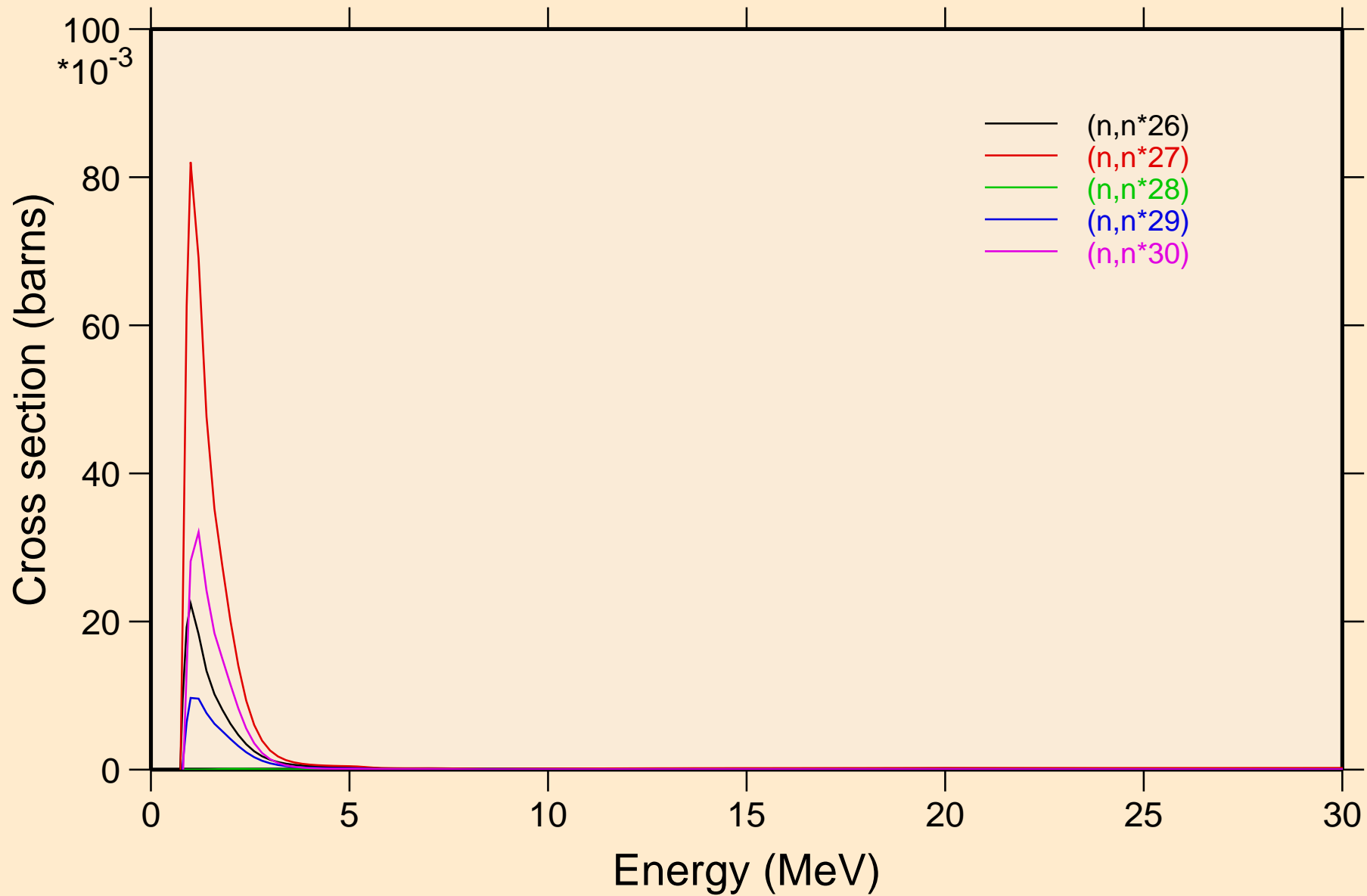
# PU243 NRG TENDL-2015, AKONING

## Inelastic levels



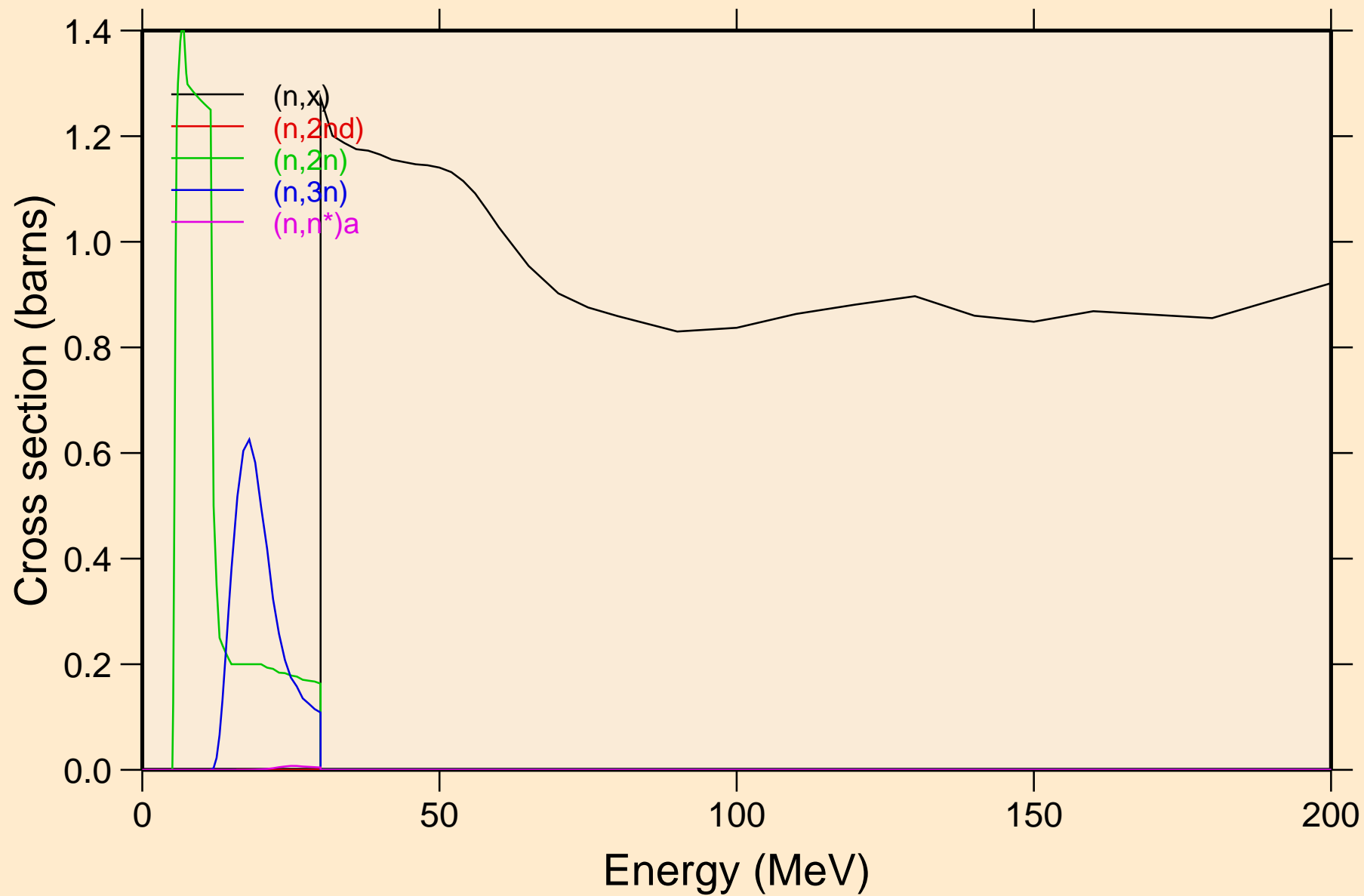
# PU243 NRG TENDL-2015, AKONING

## Inelastic levels



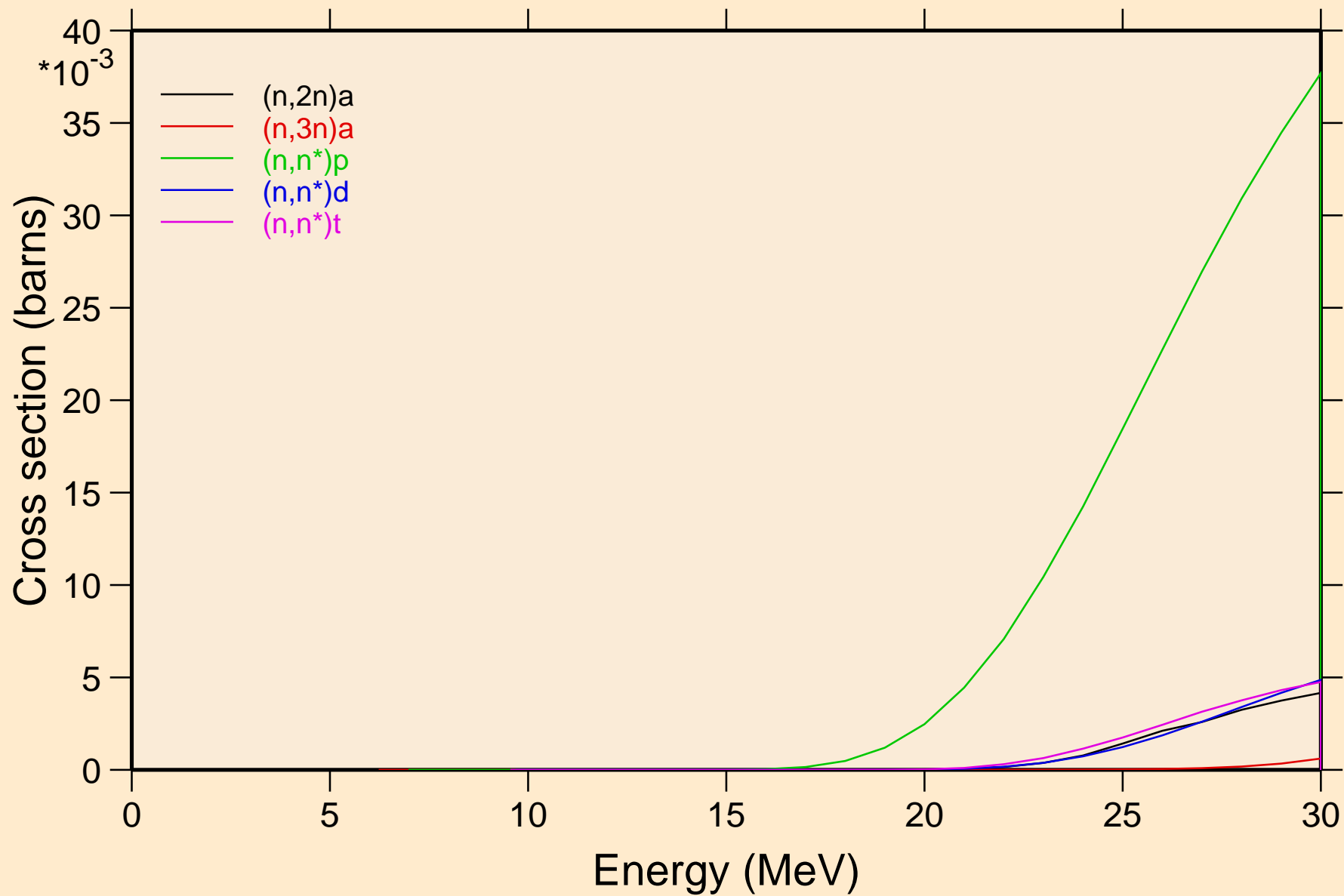
# PU243 NRG TENDL-2015, AKONING

## Threshold reactions



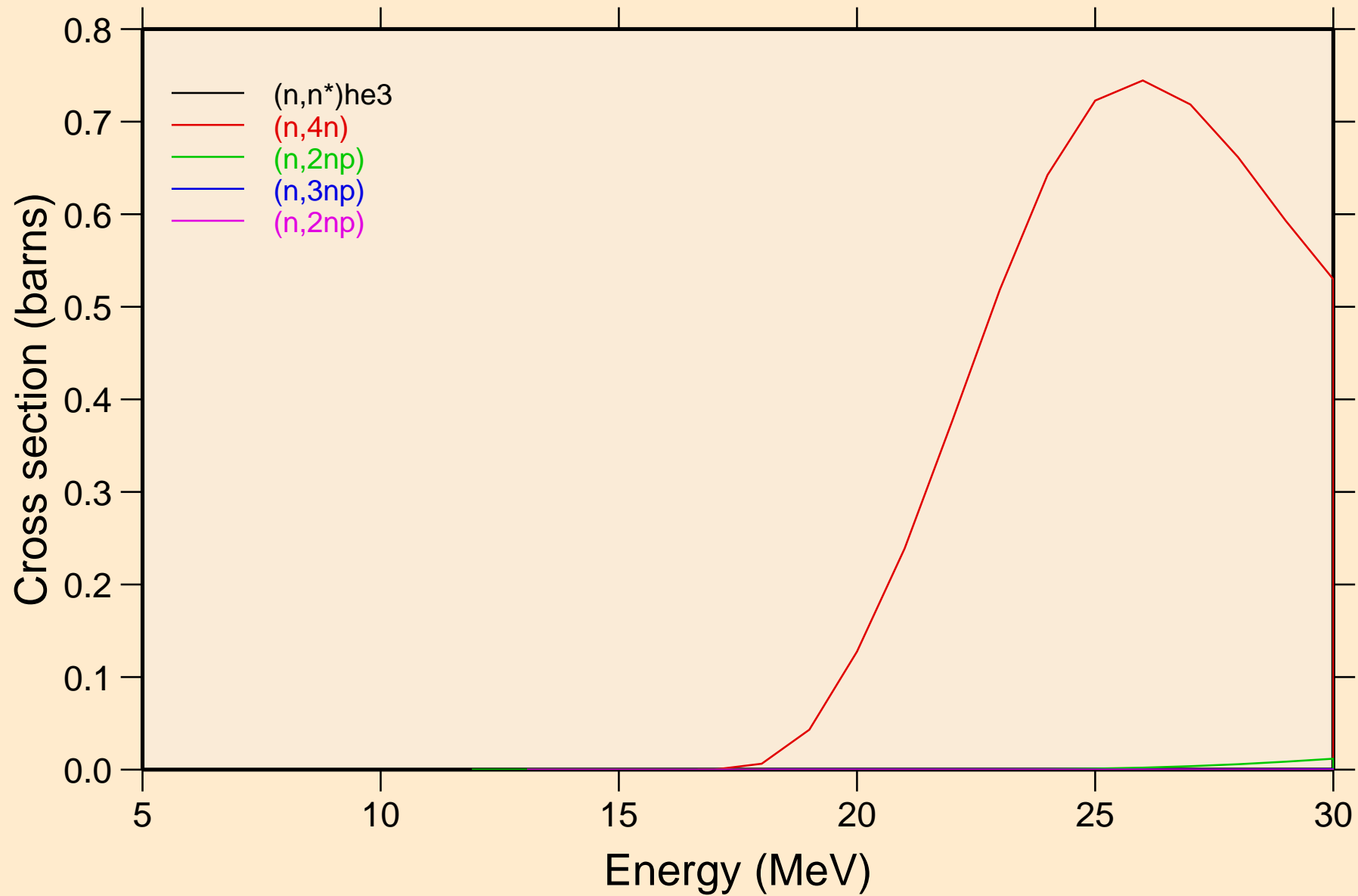
# PU243 NRG TENDL-2015, AKONING

## Threshold reactions



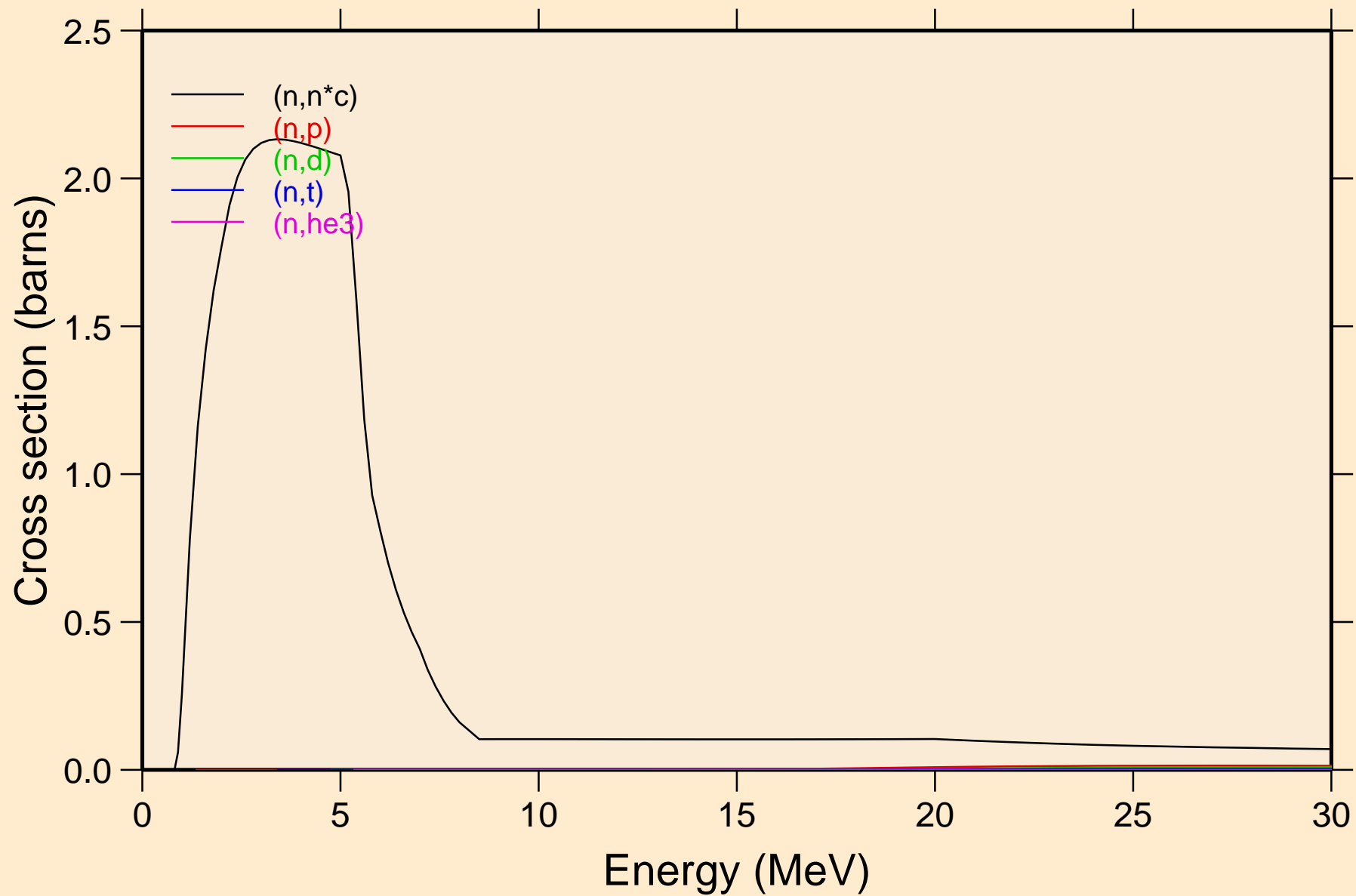
# PU243 NRG TENDL-2015, AKONING

## Threshold reactions



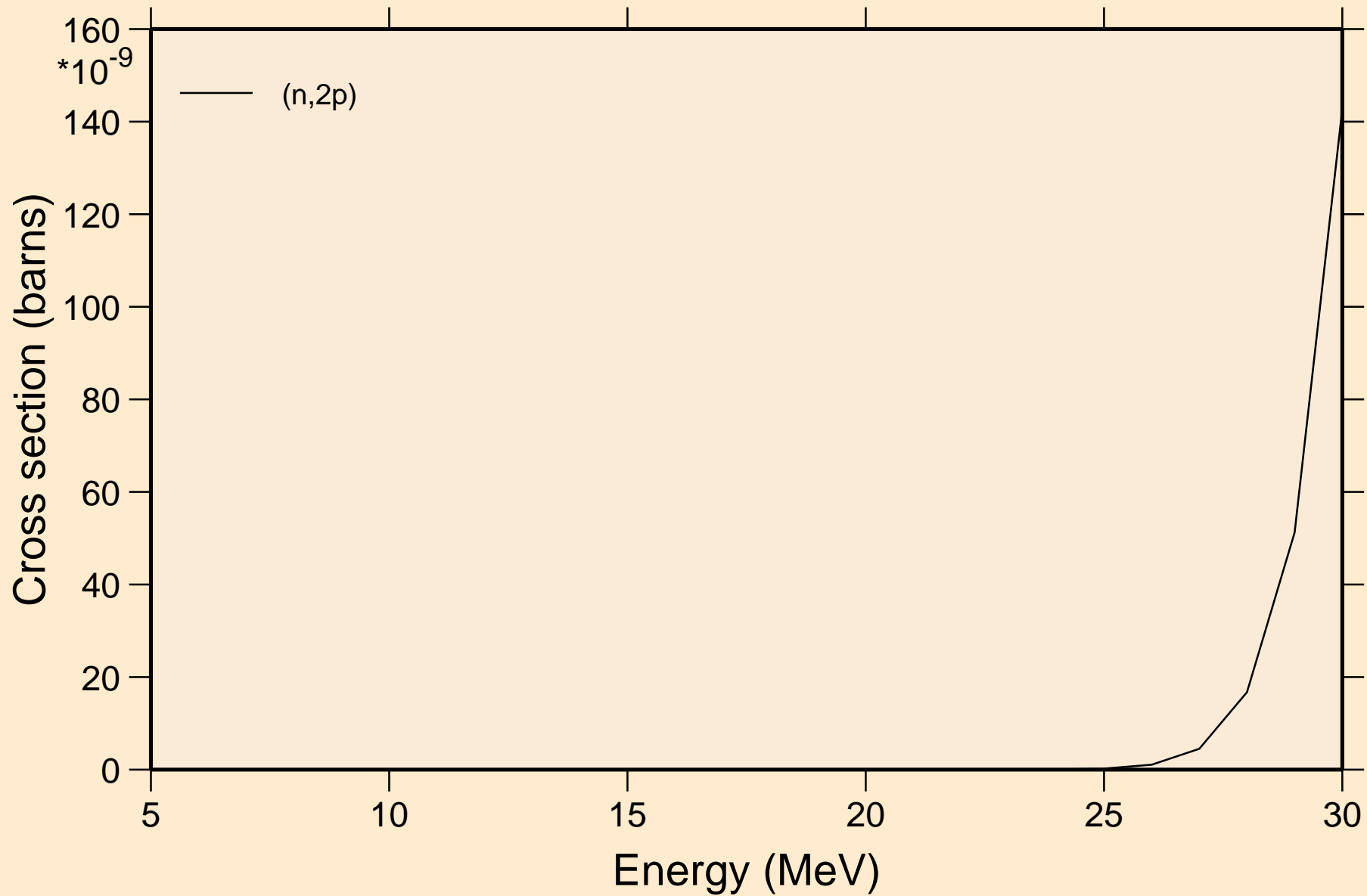
# PU243 NRG TENDL-2015, AKONING

## Threshold reactions

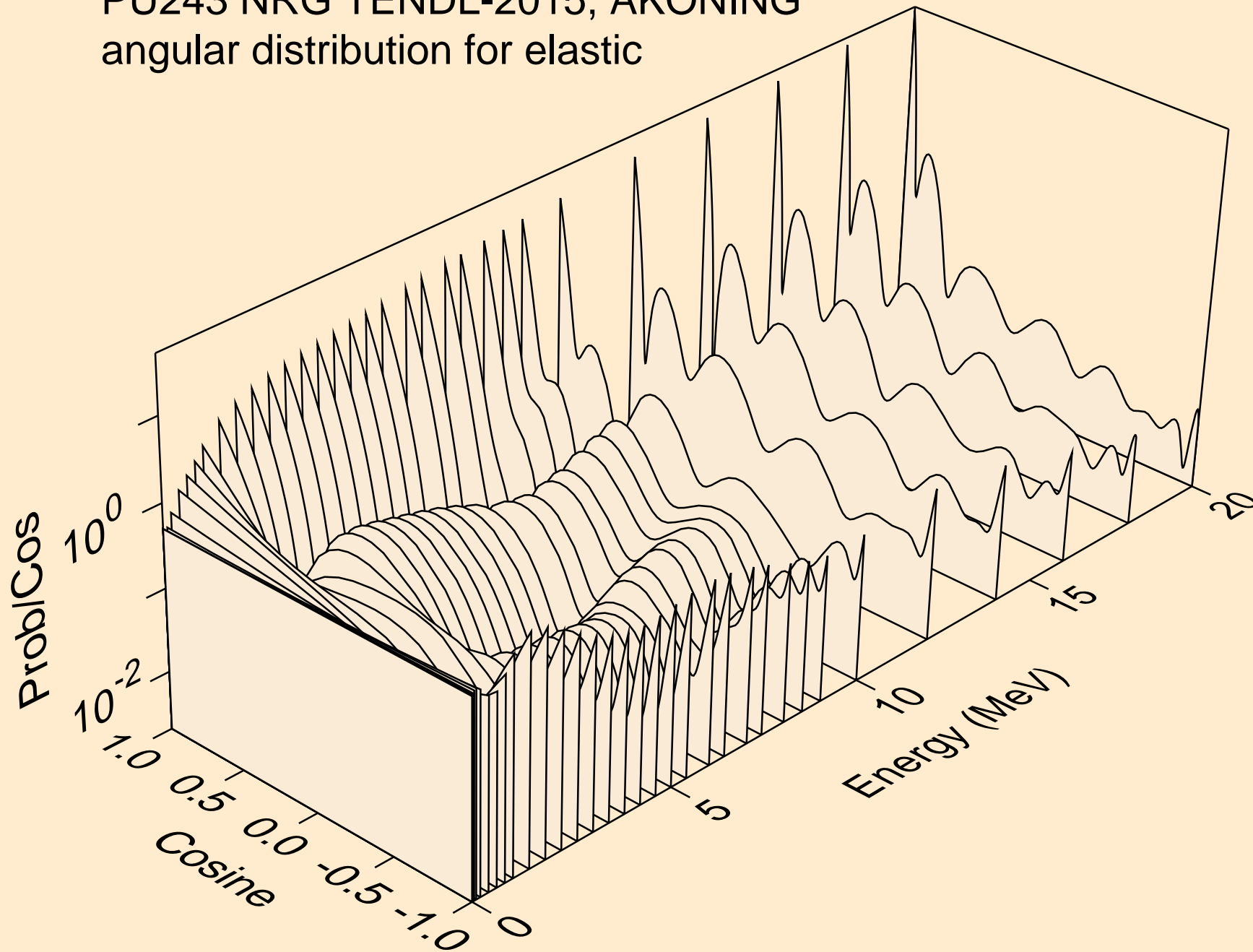


# PU243 NRG TENDL-2015, AKONING

## Threshold reactions

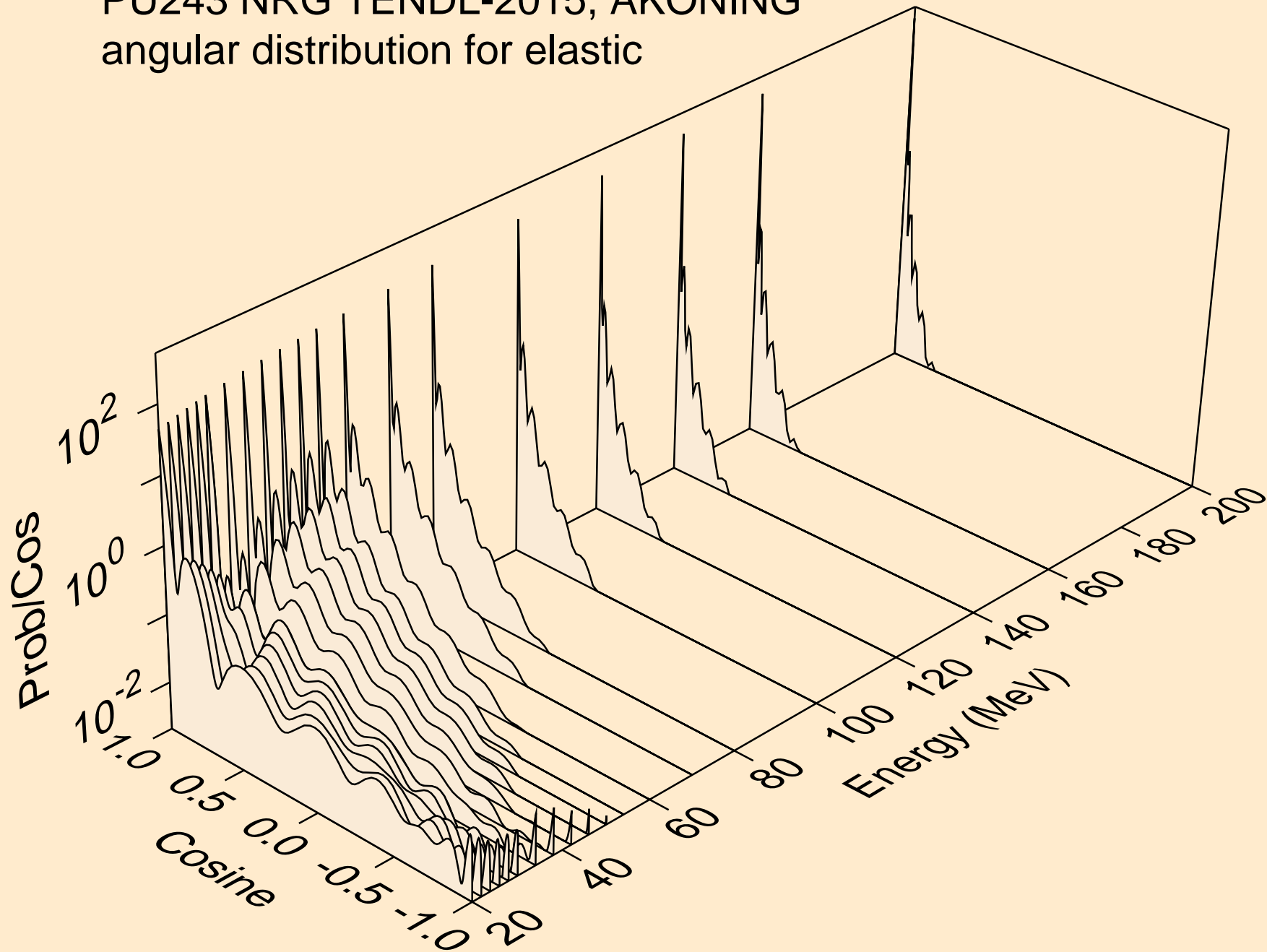


PU243 NRG TENDL-2015, AKONING  
angular distribution for elastic

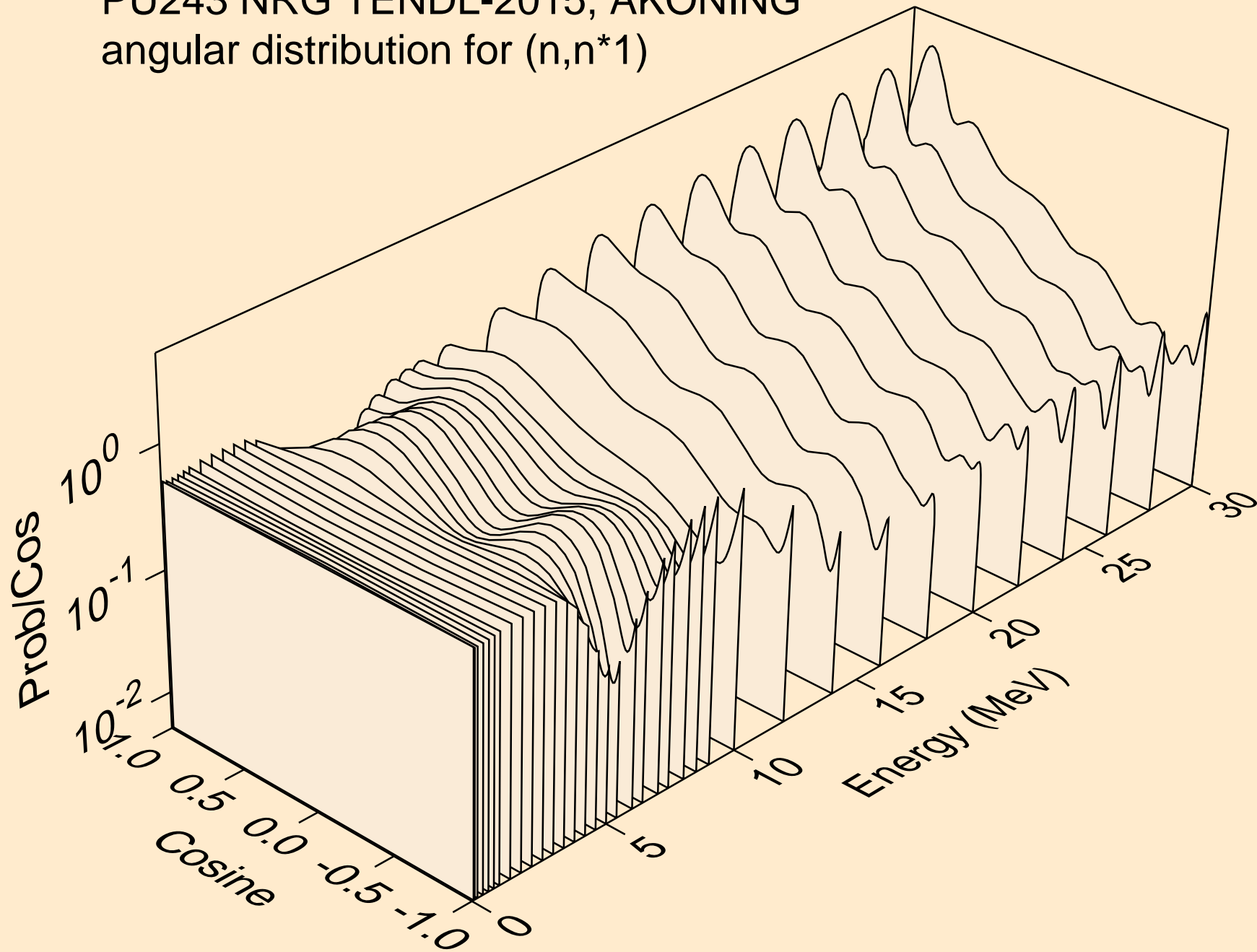




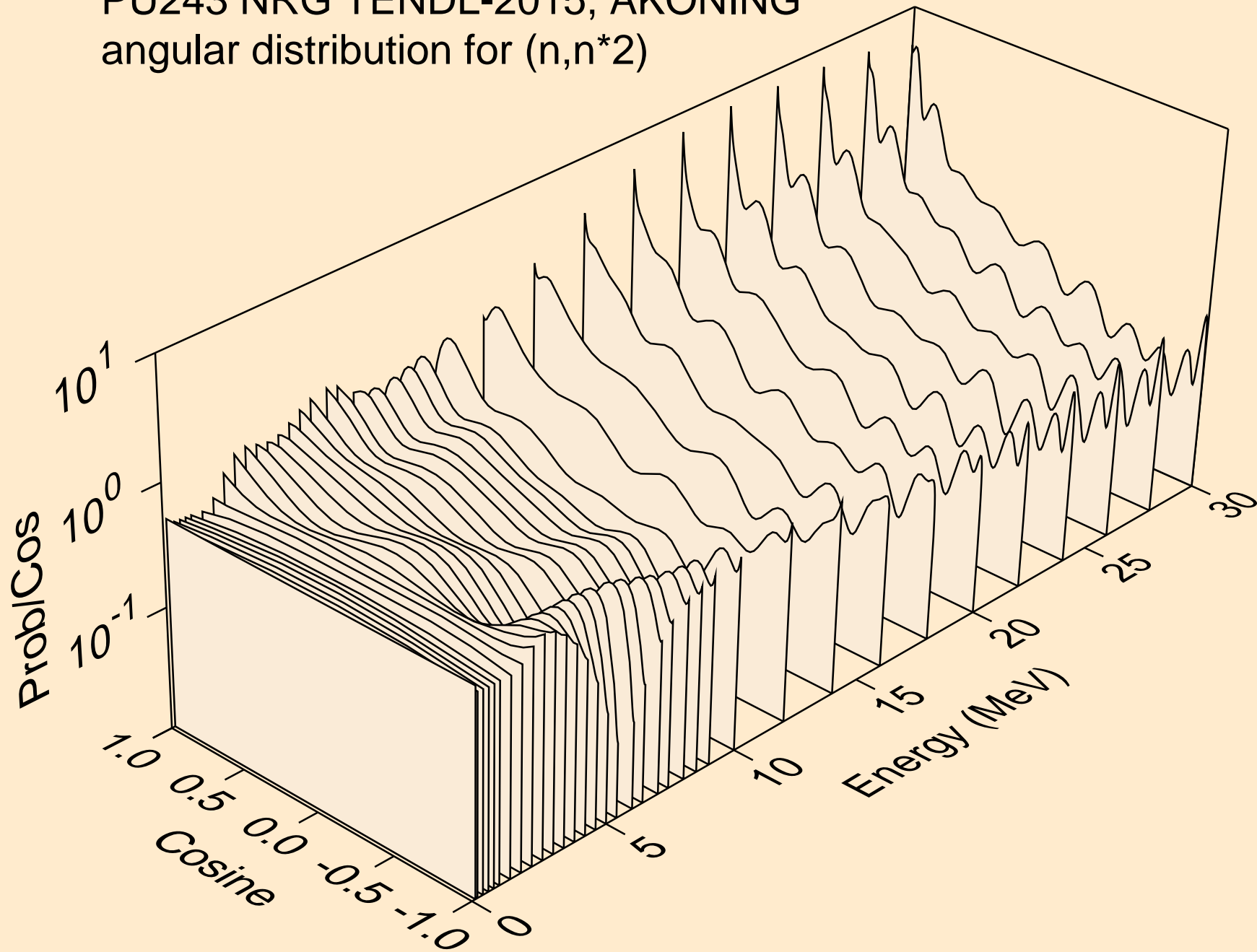
PU243 NRG TENDL-2015, AKONING  
angular distribution for elastic



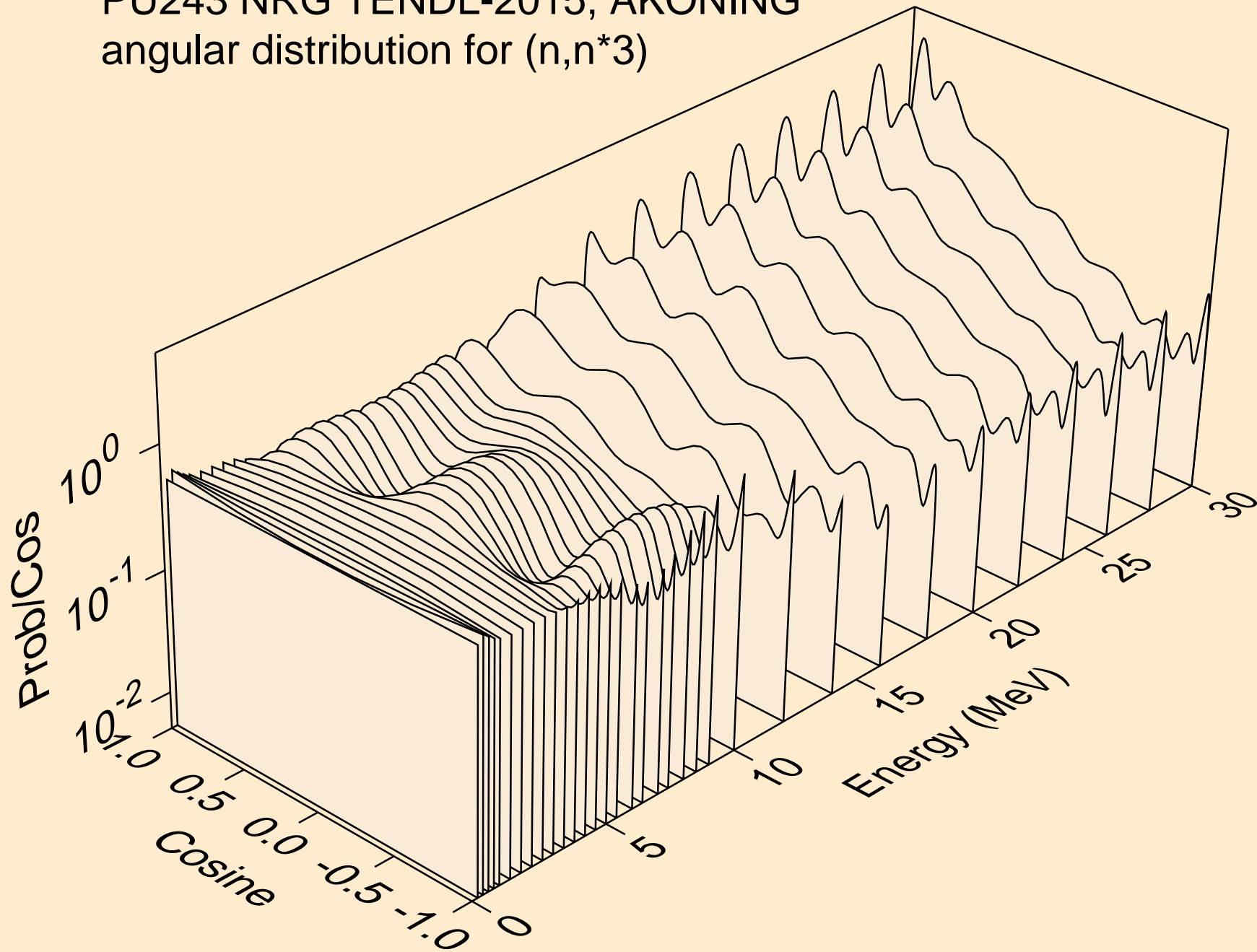
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



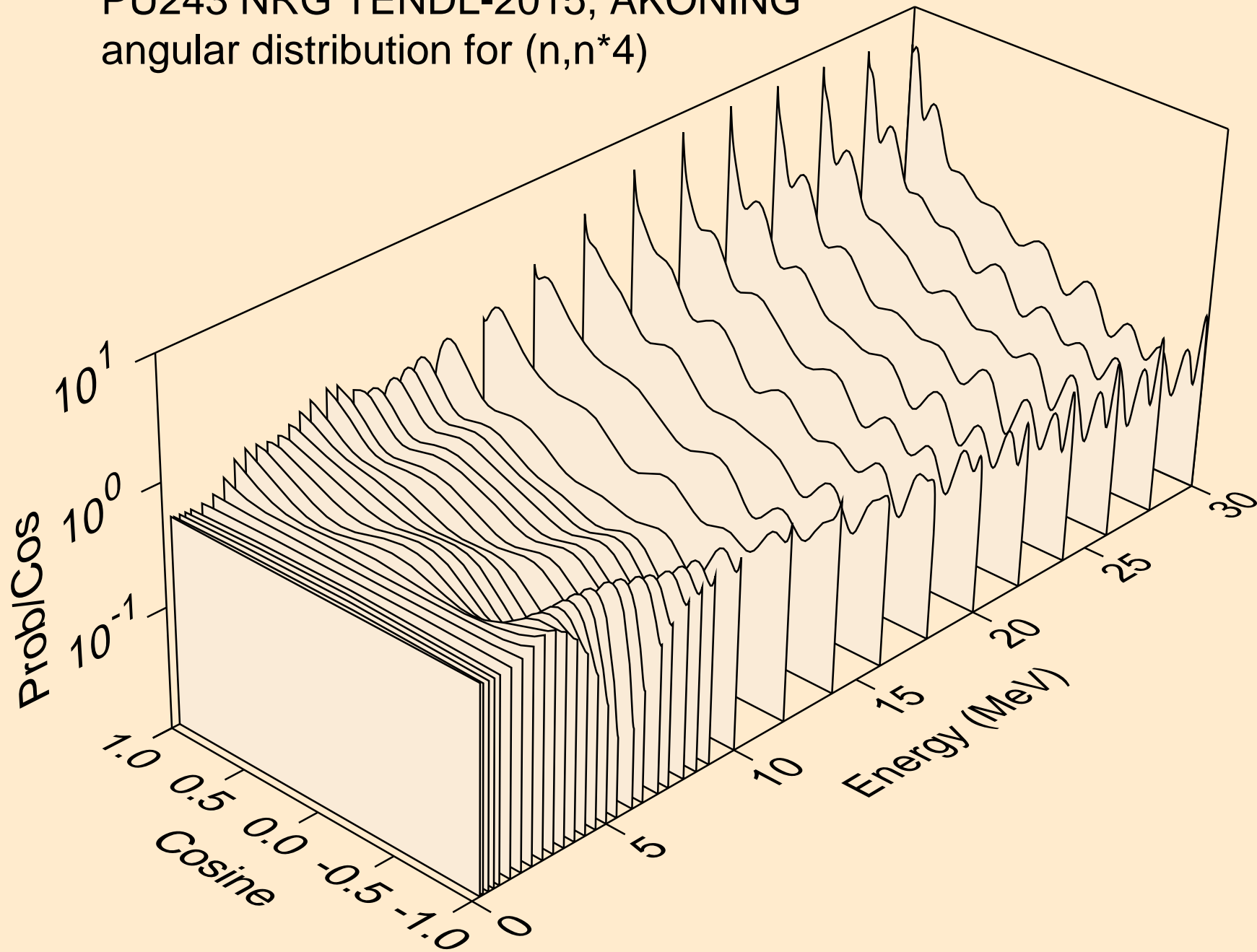
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



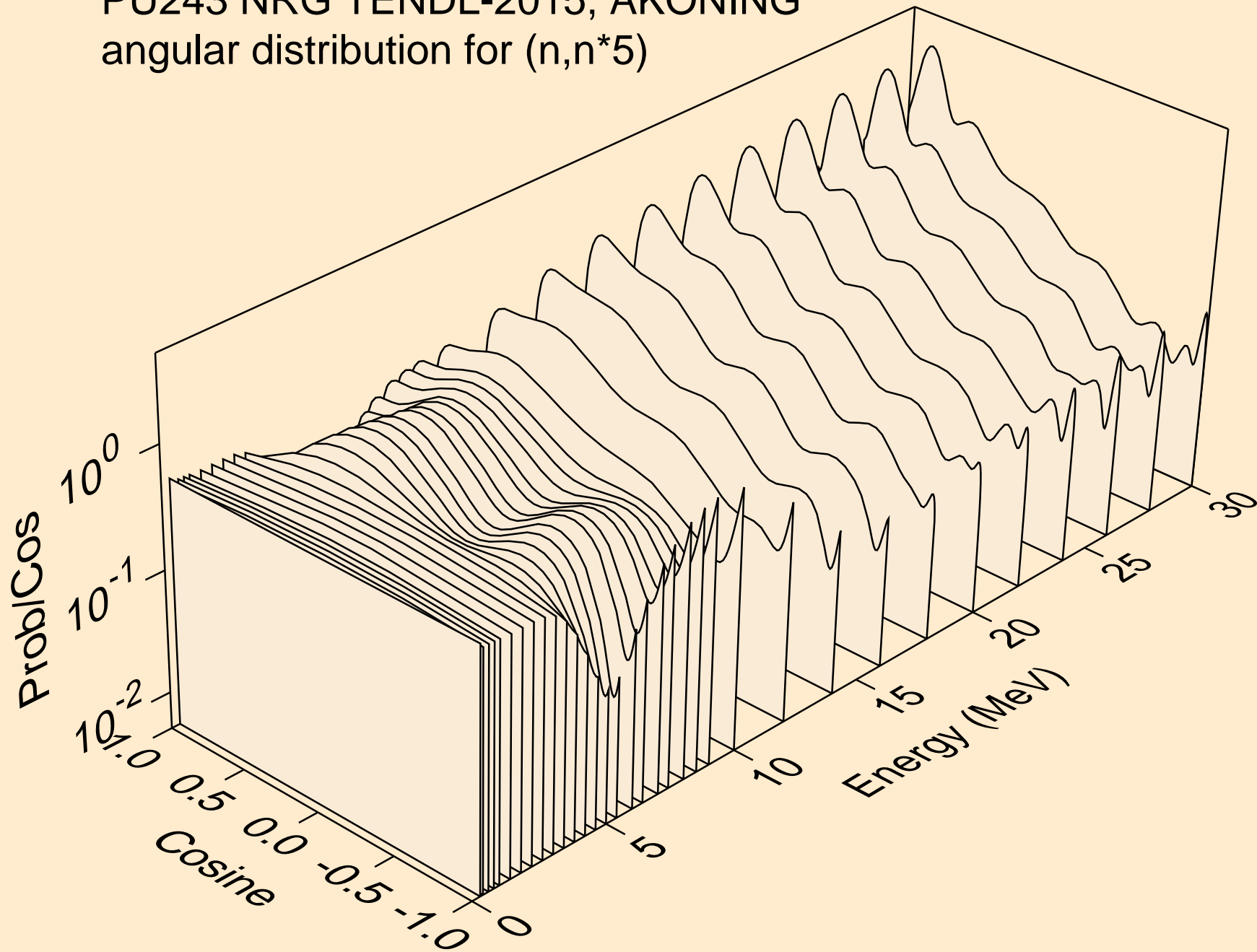
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



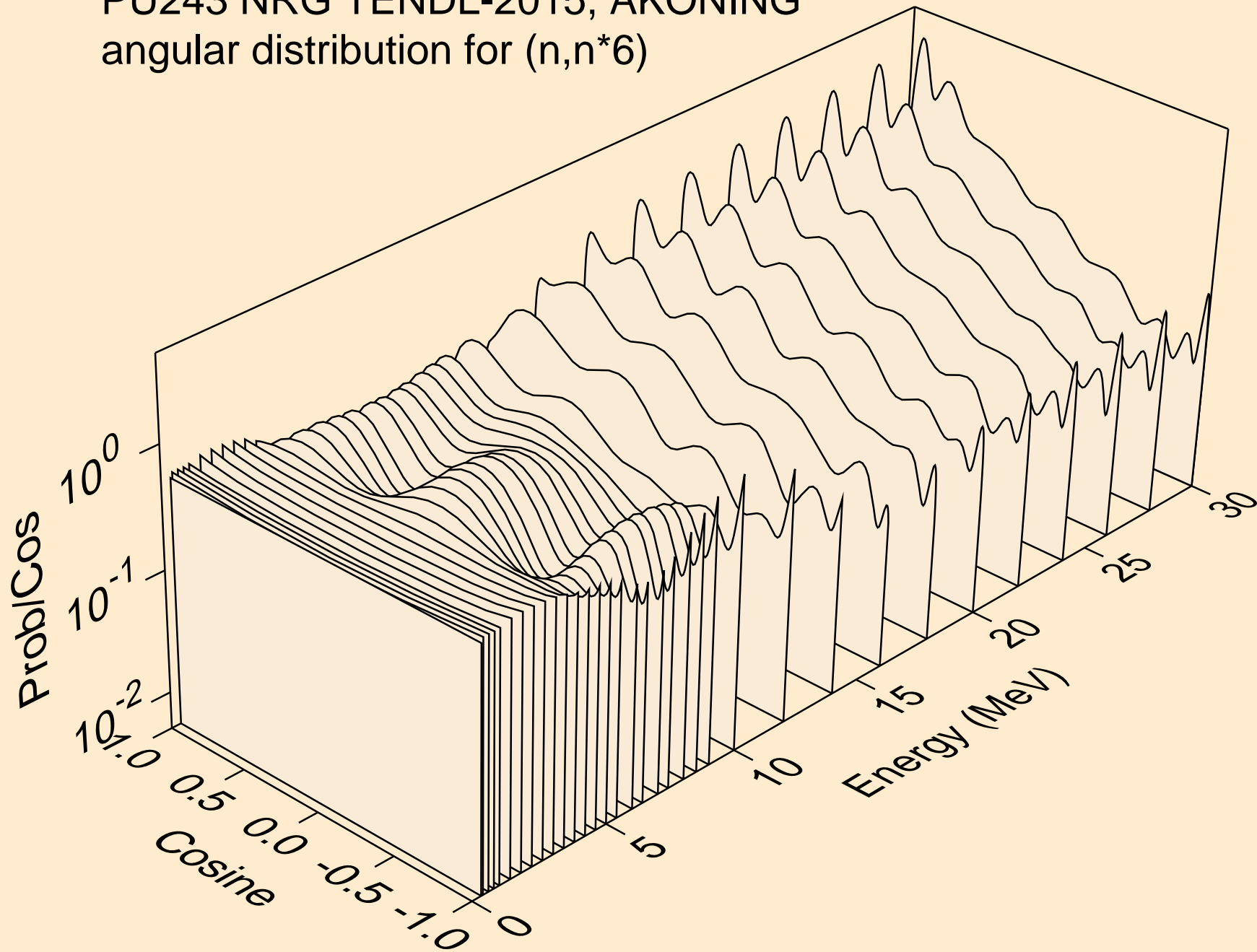
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



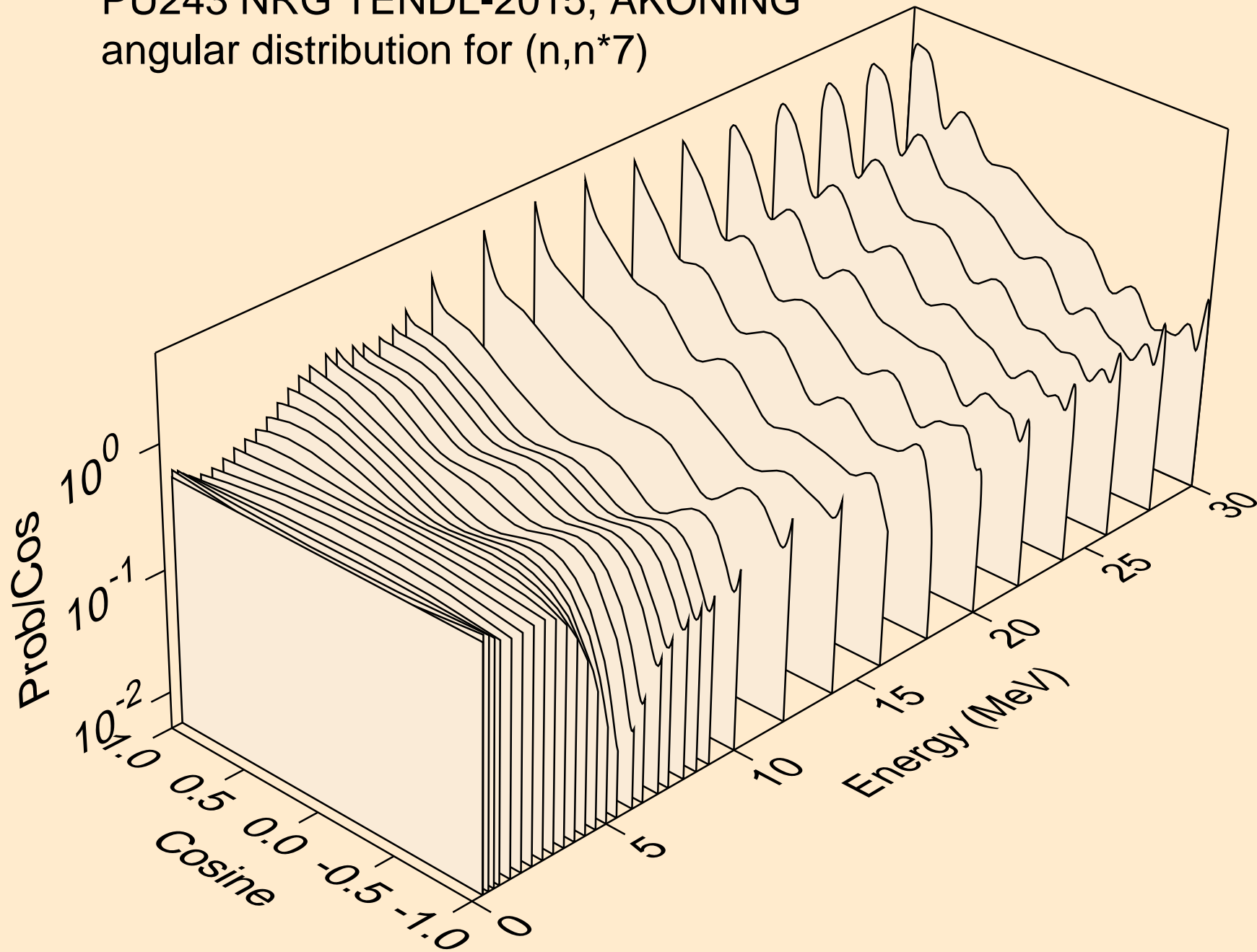
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

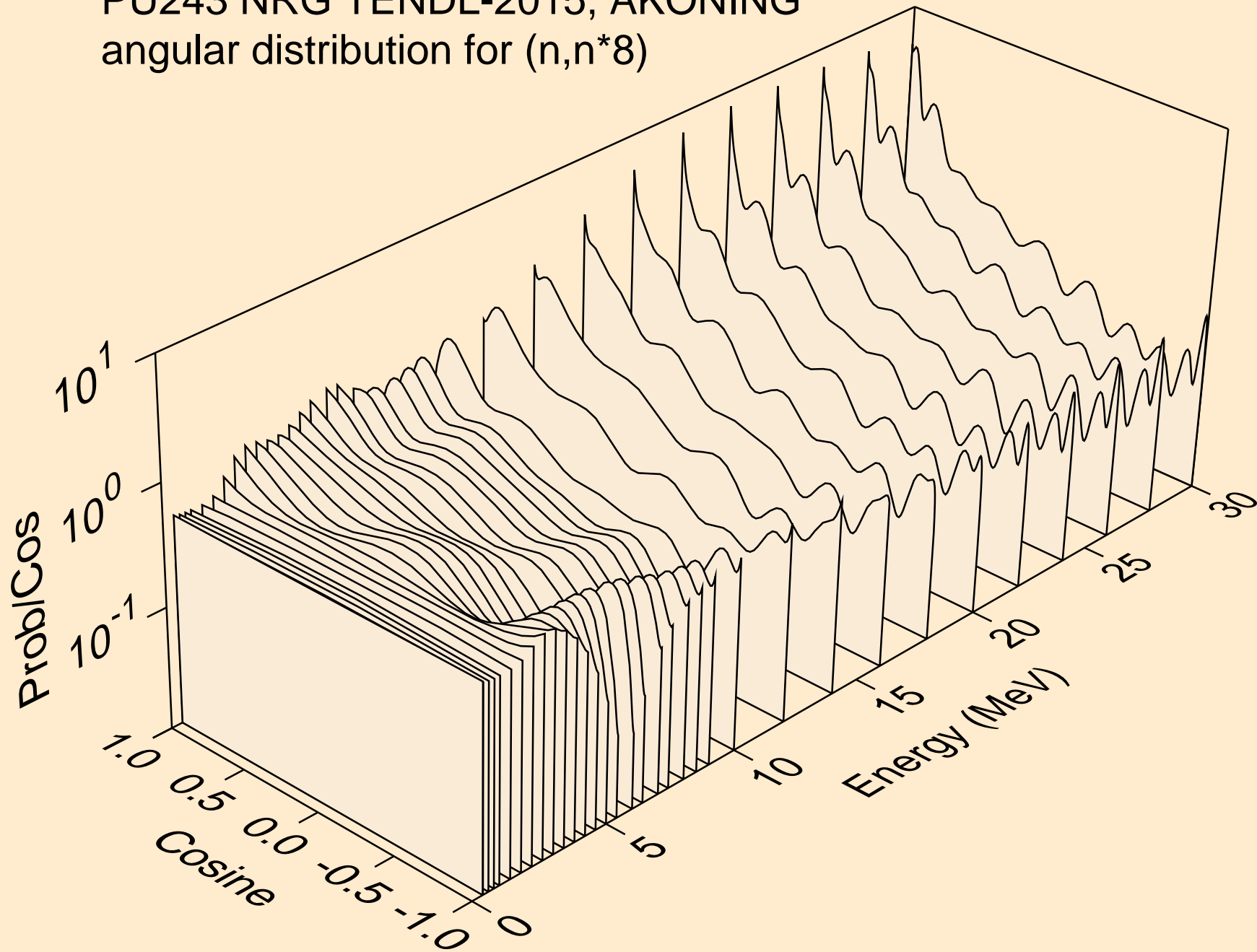


PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

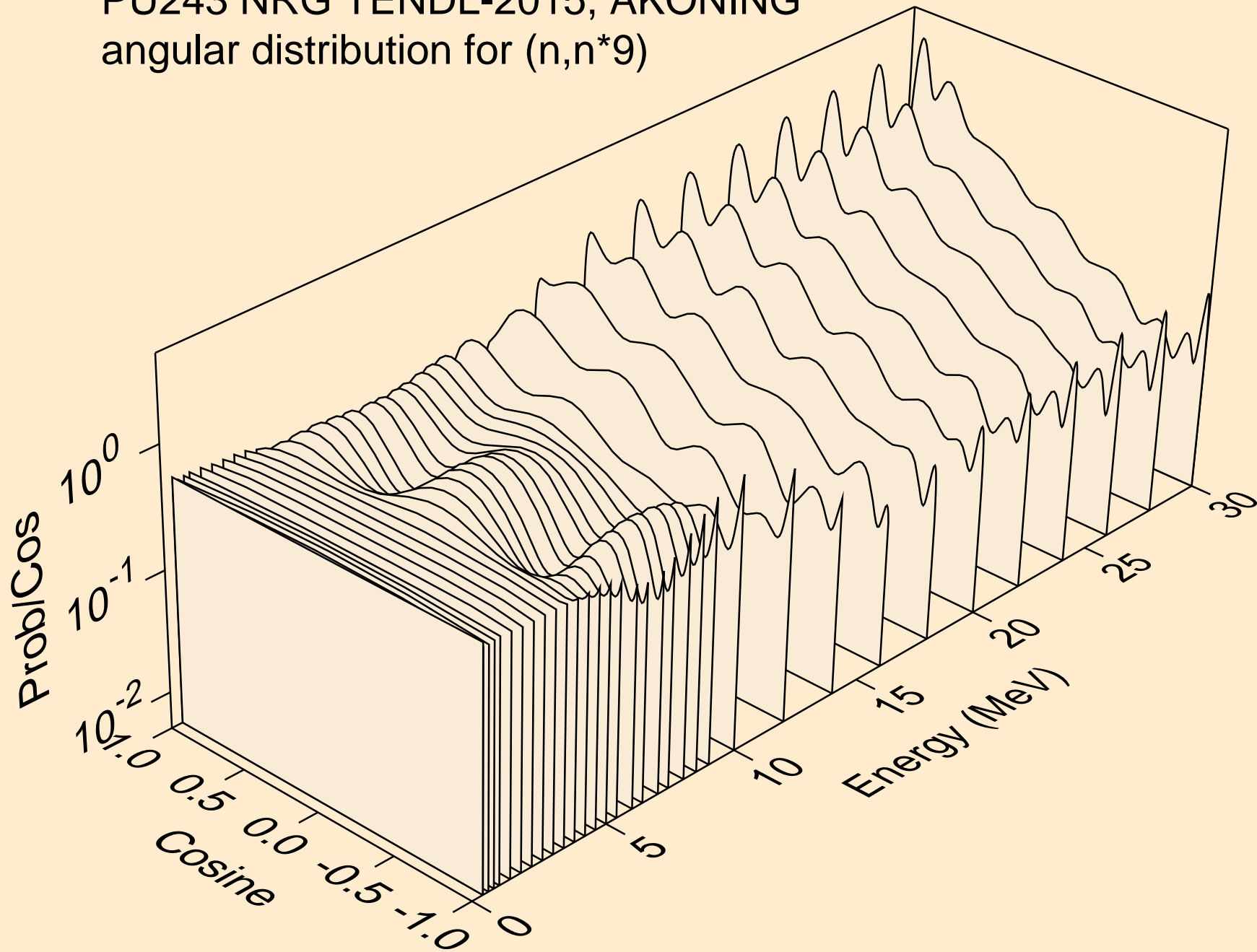




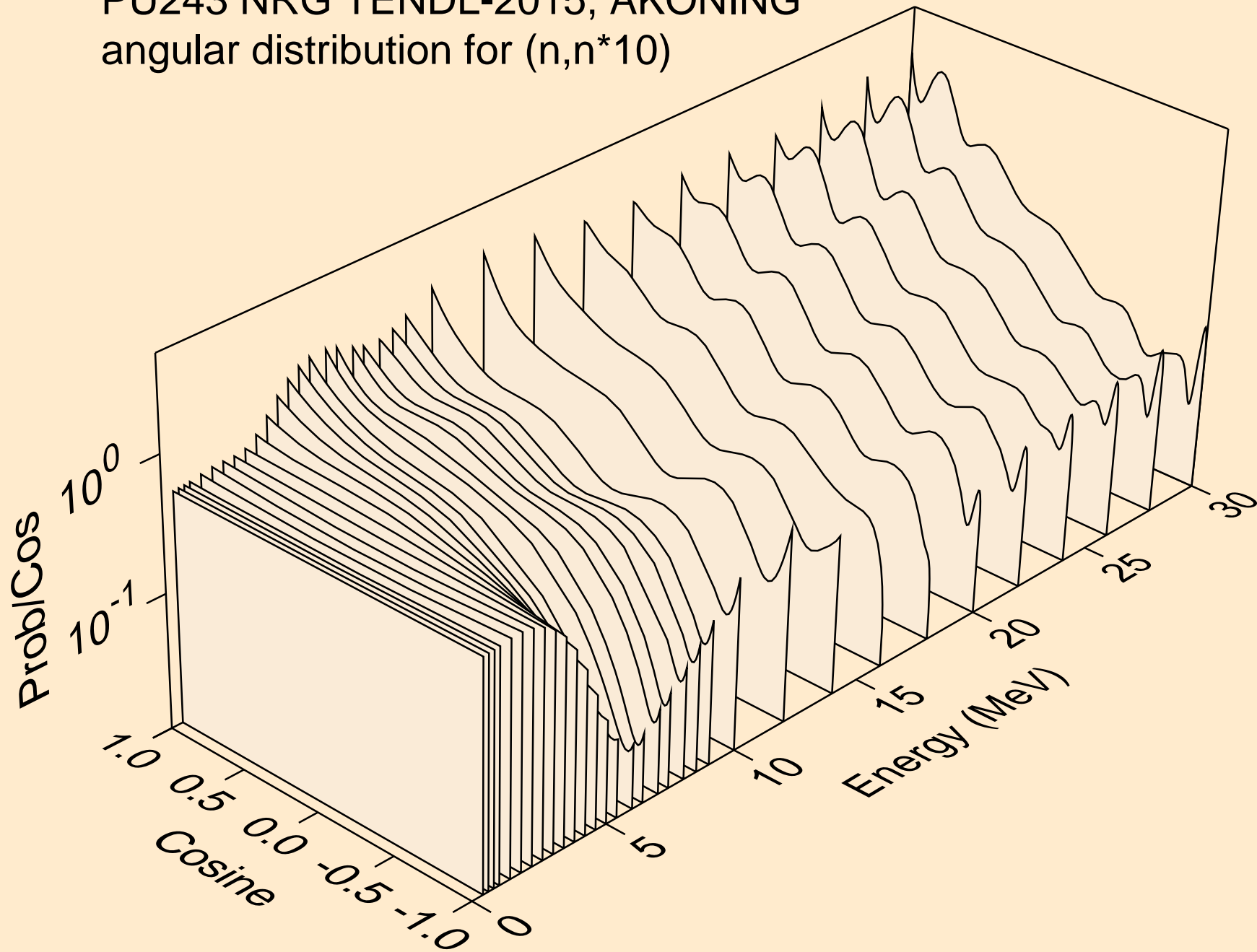
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



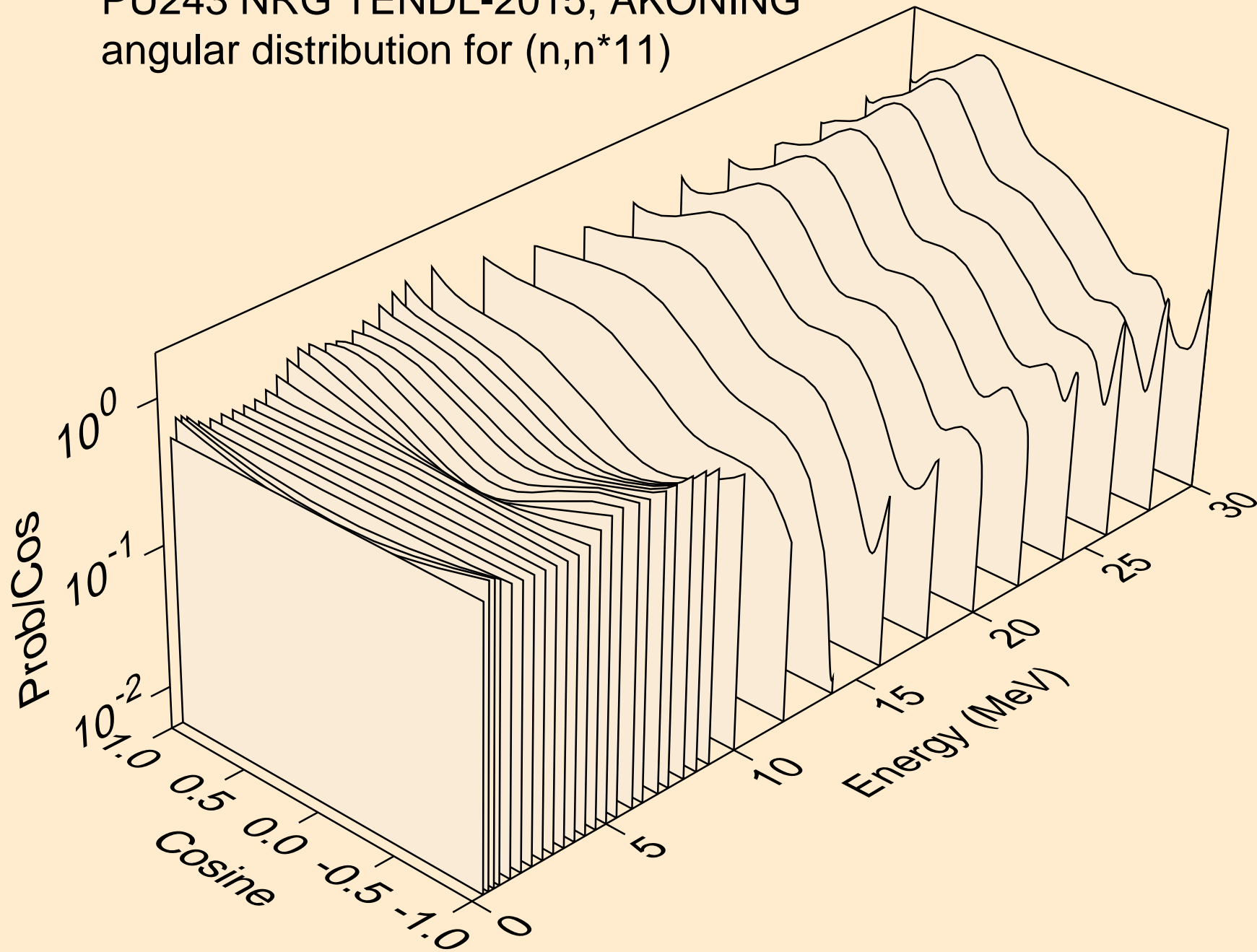
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



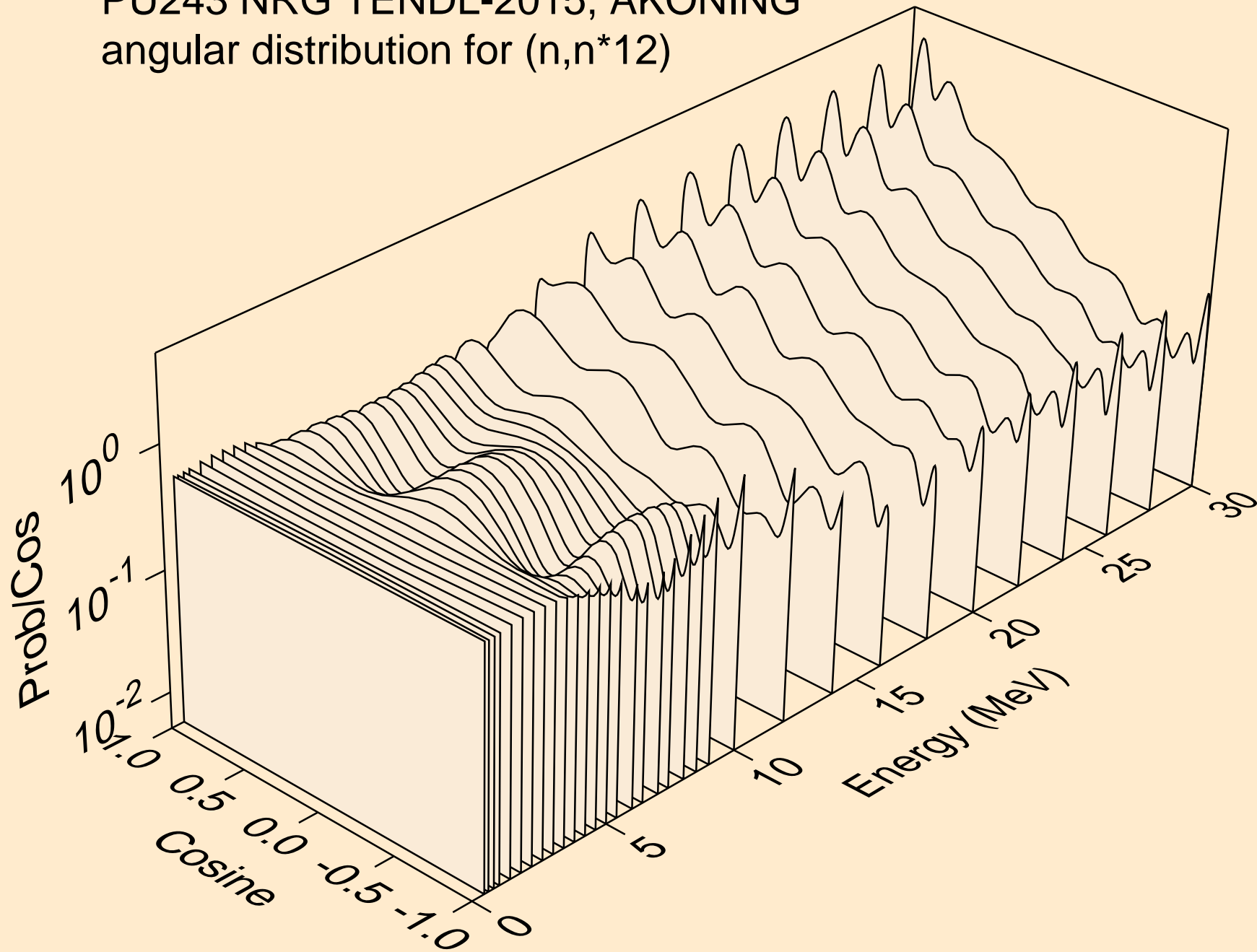
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



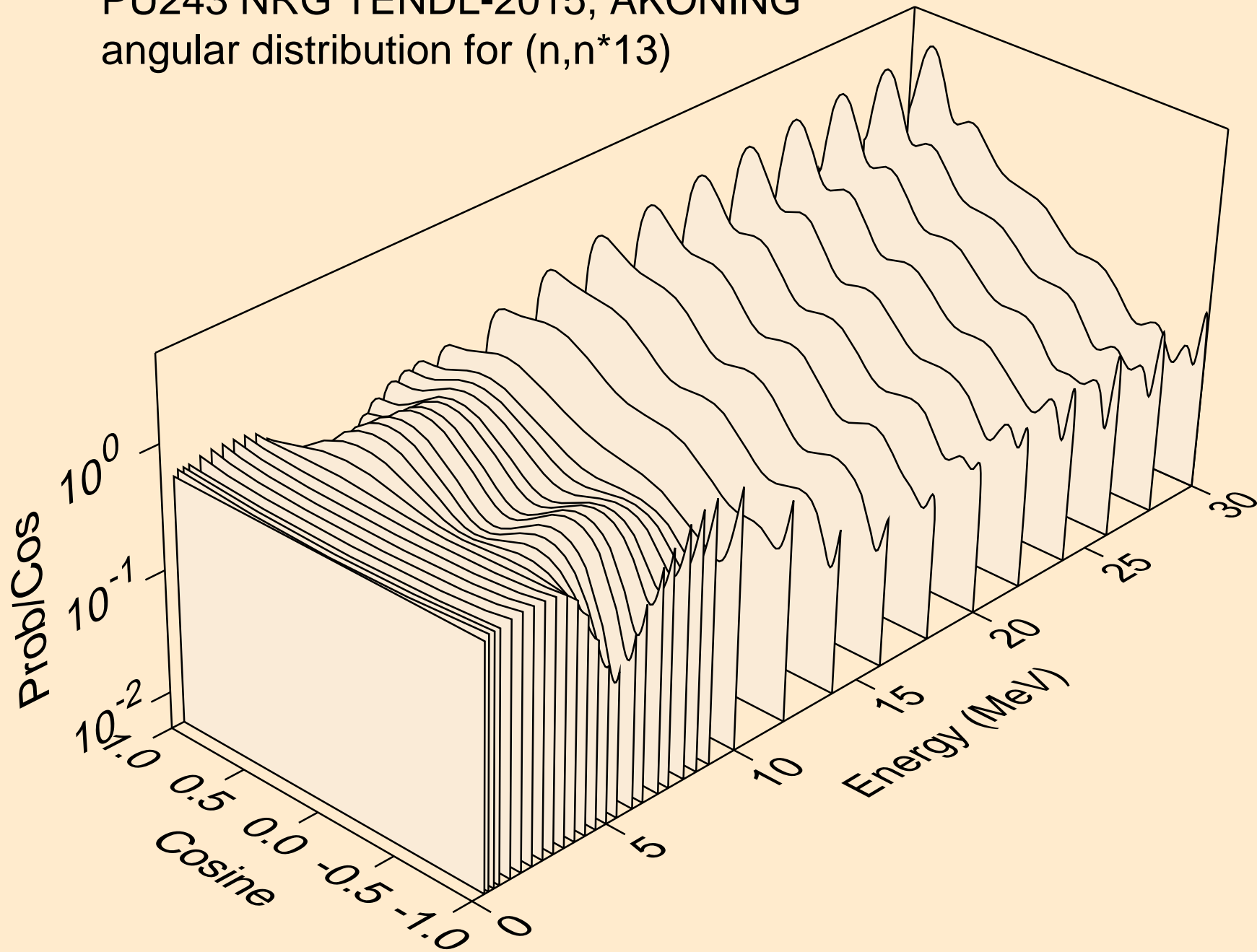
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



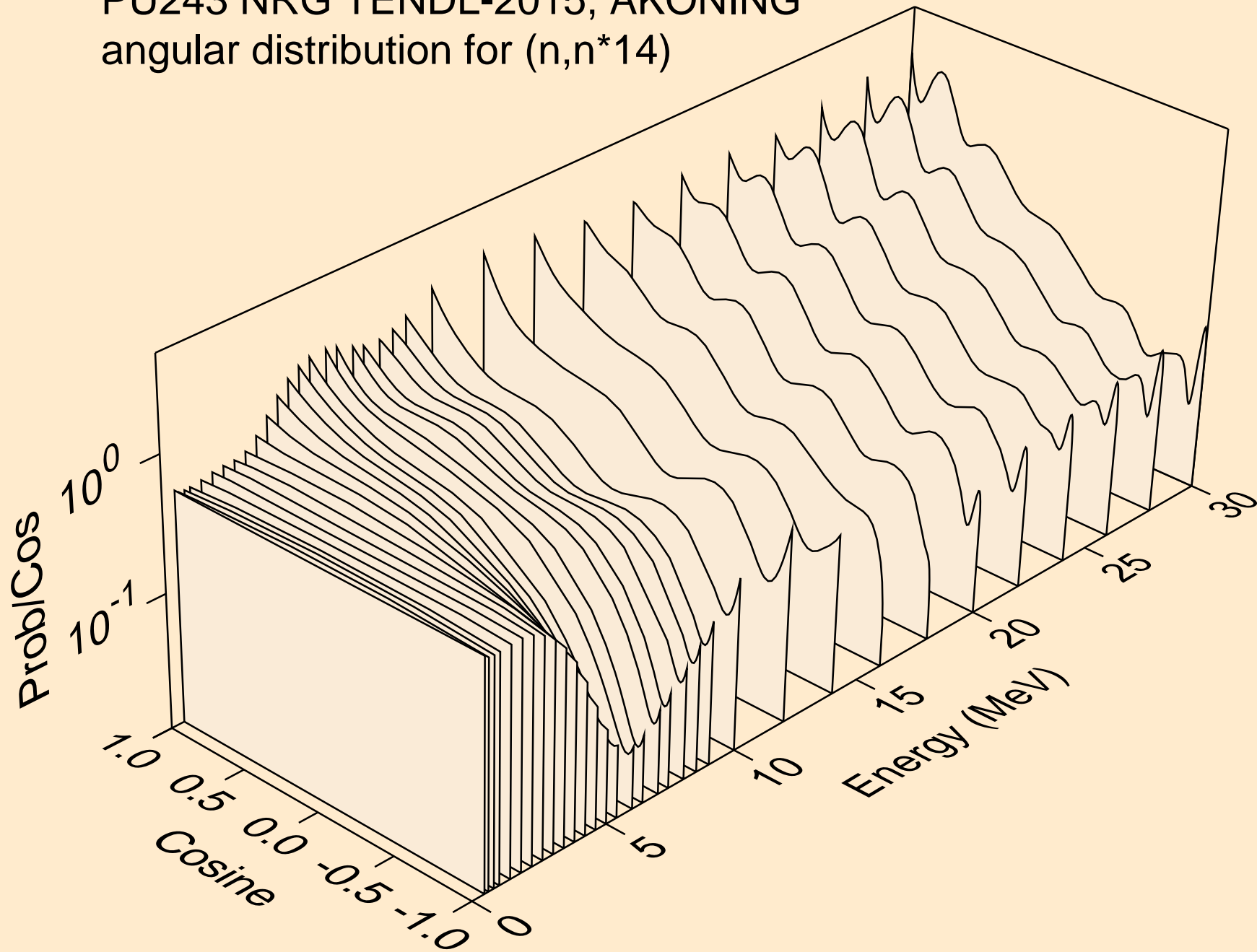
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



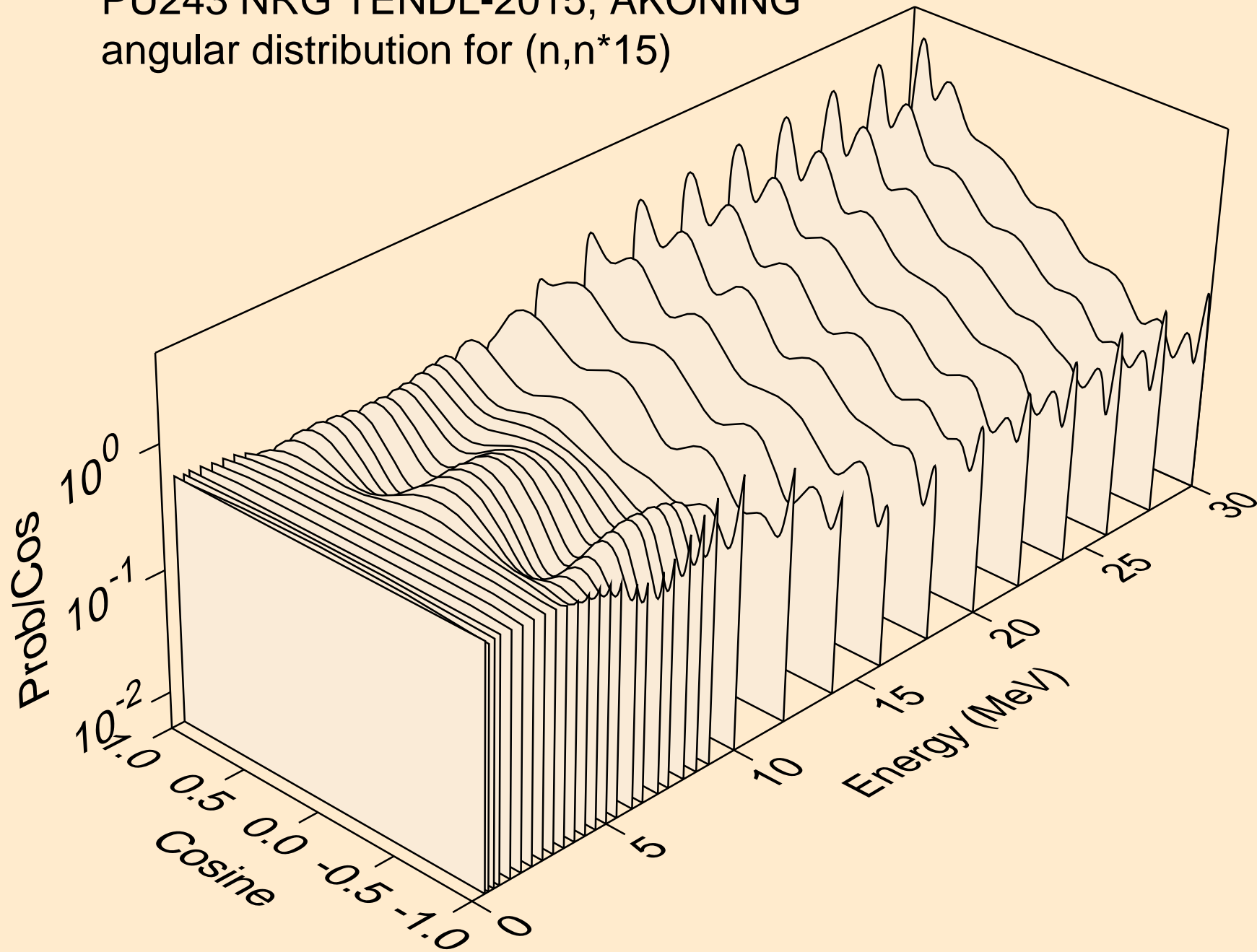
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

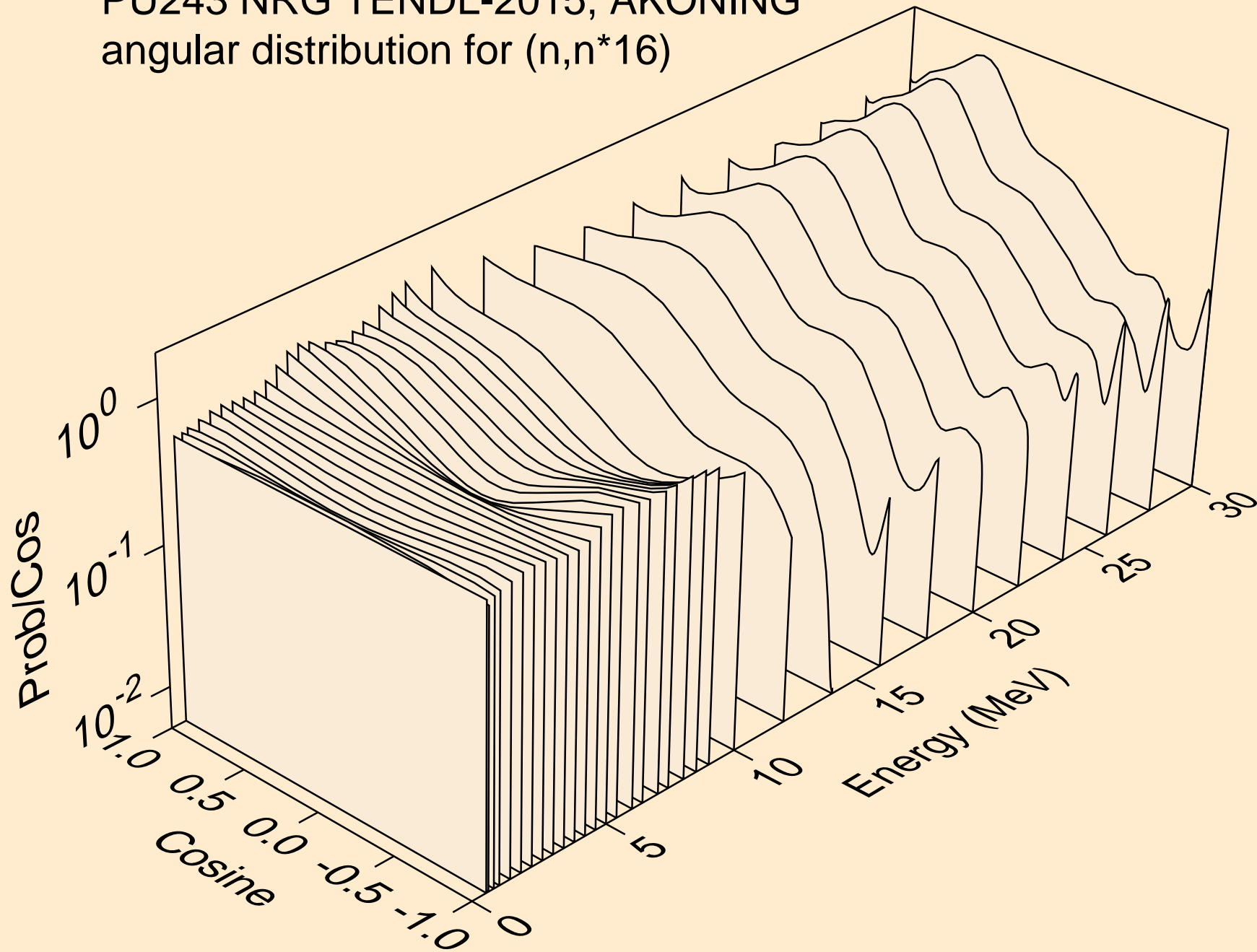


PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

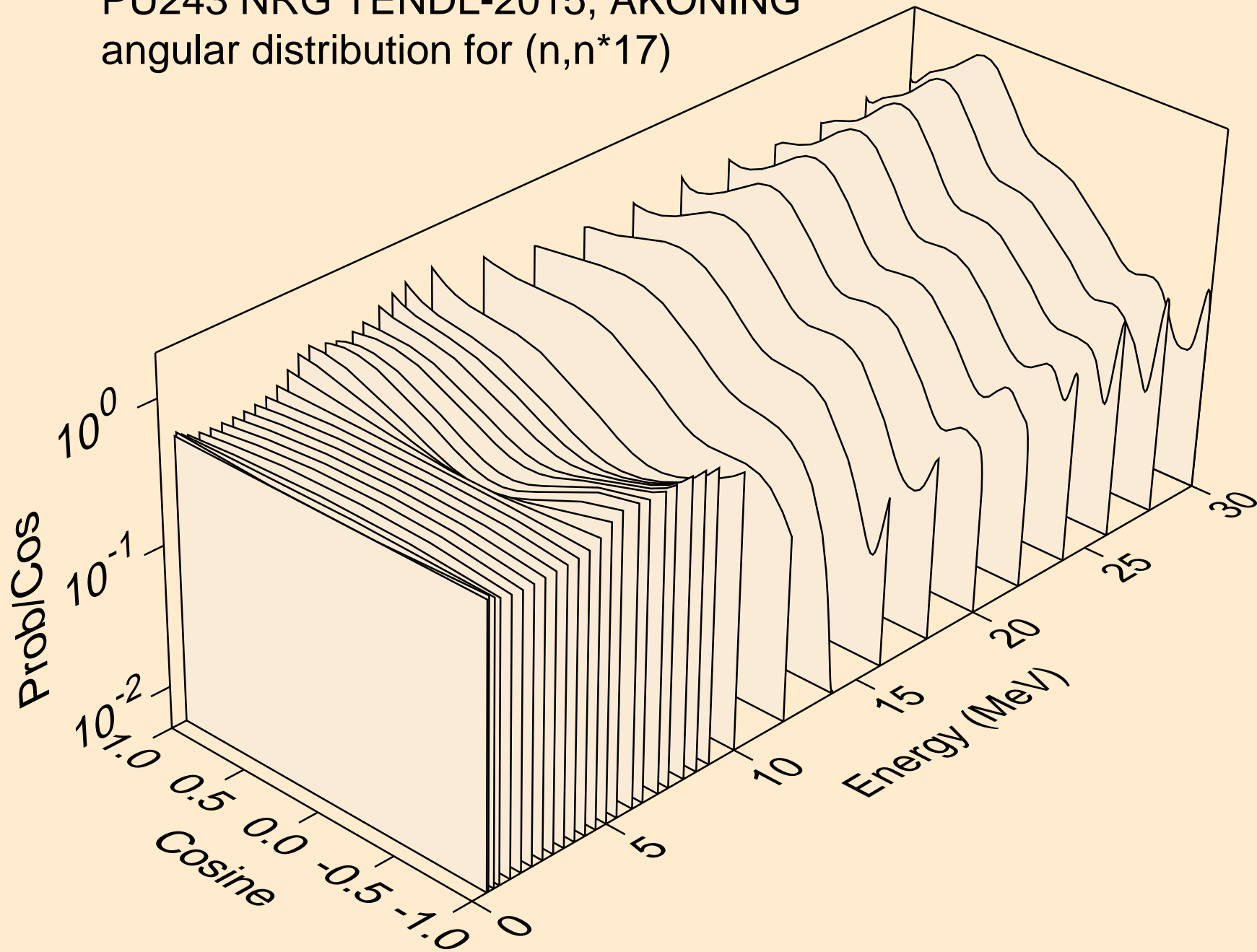




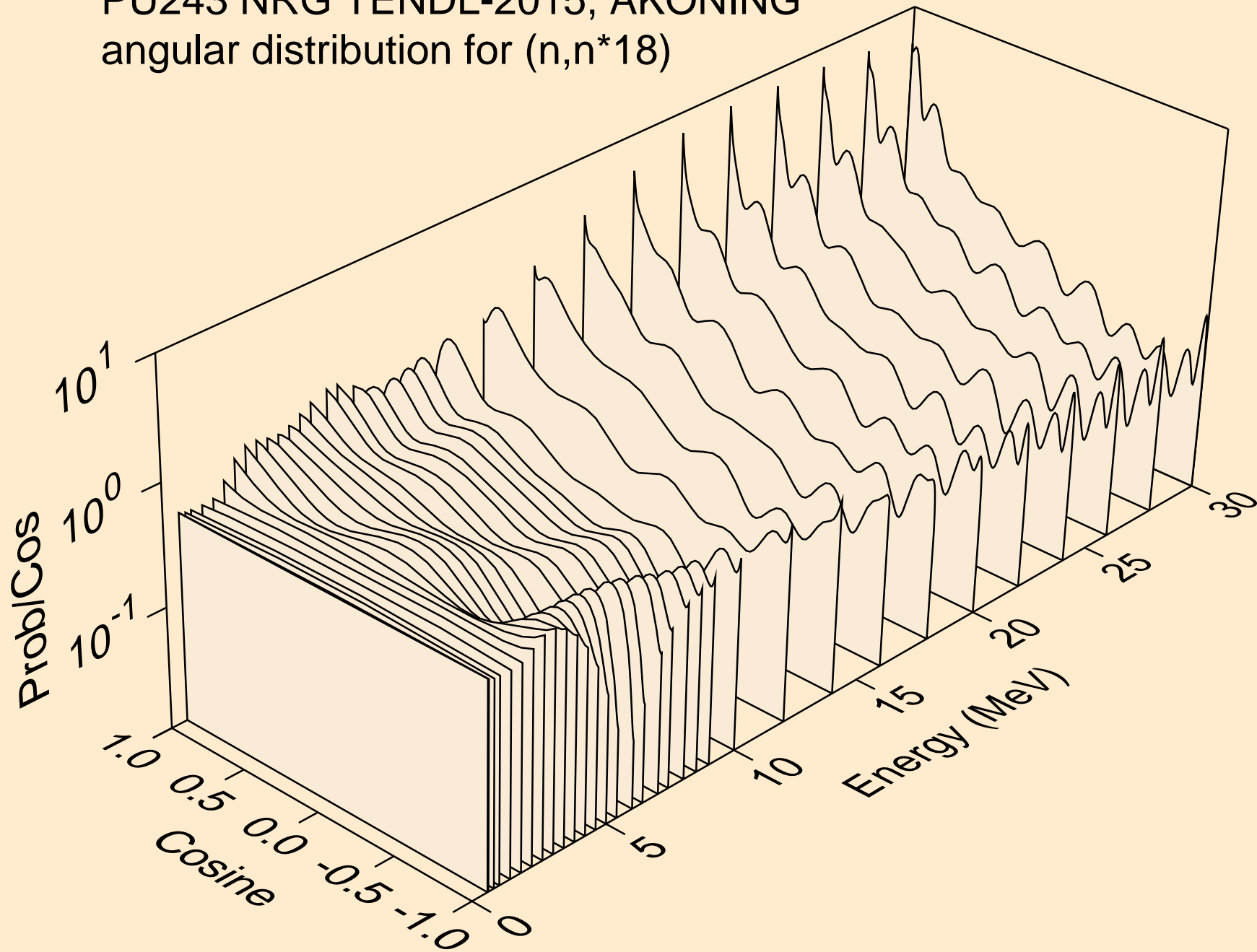
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



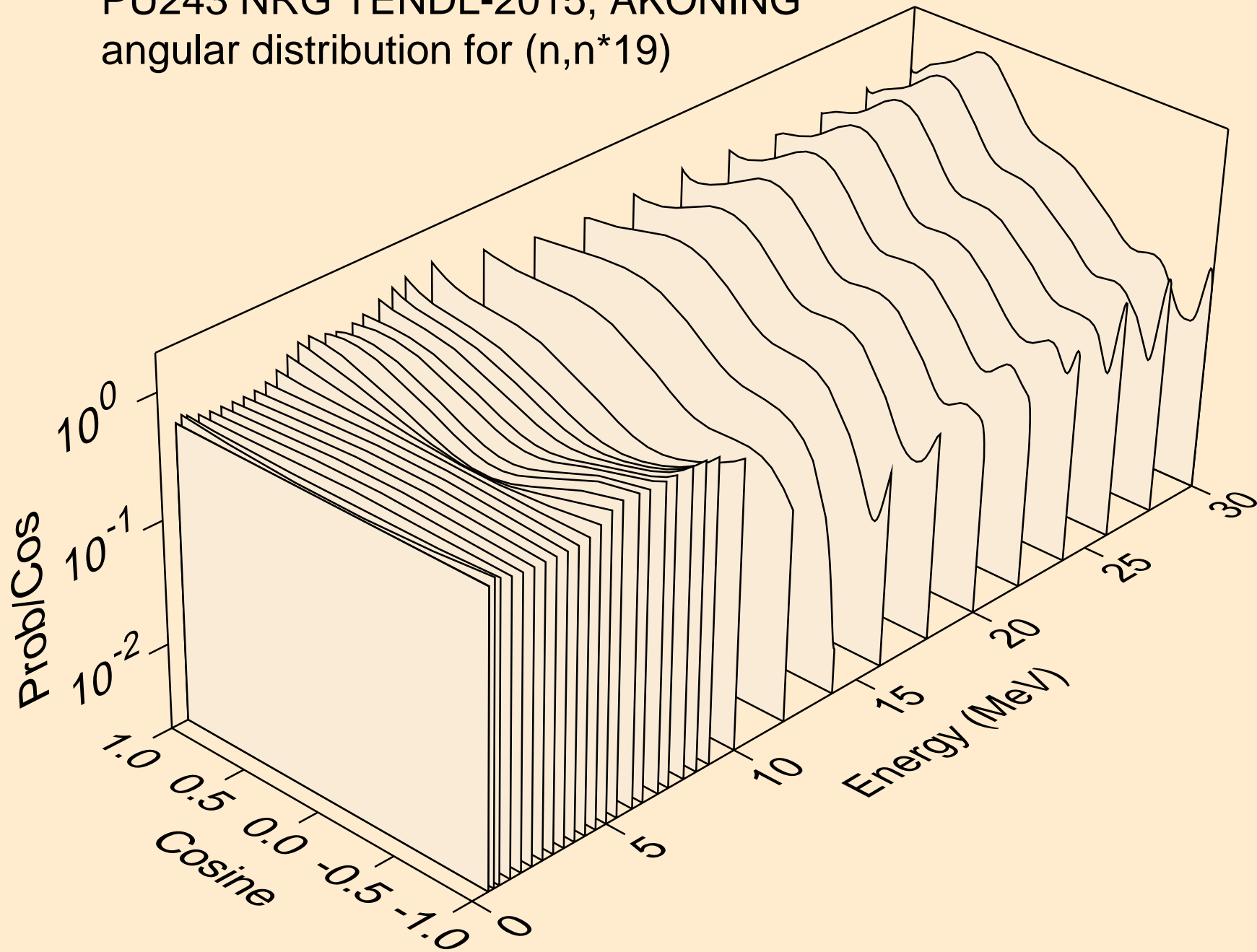
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



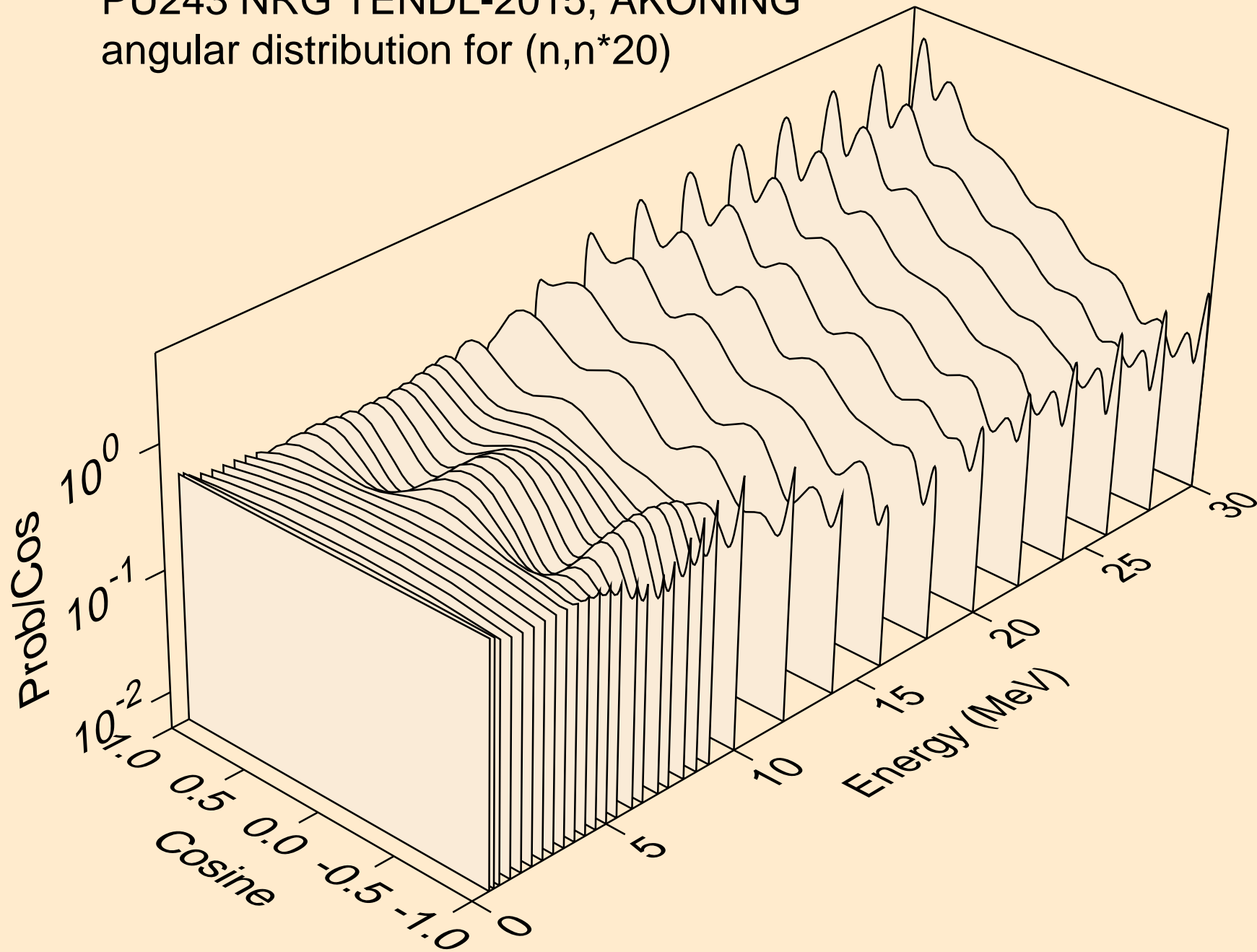
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



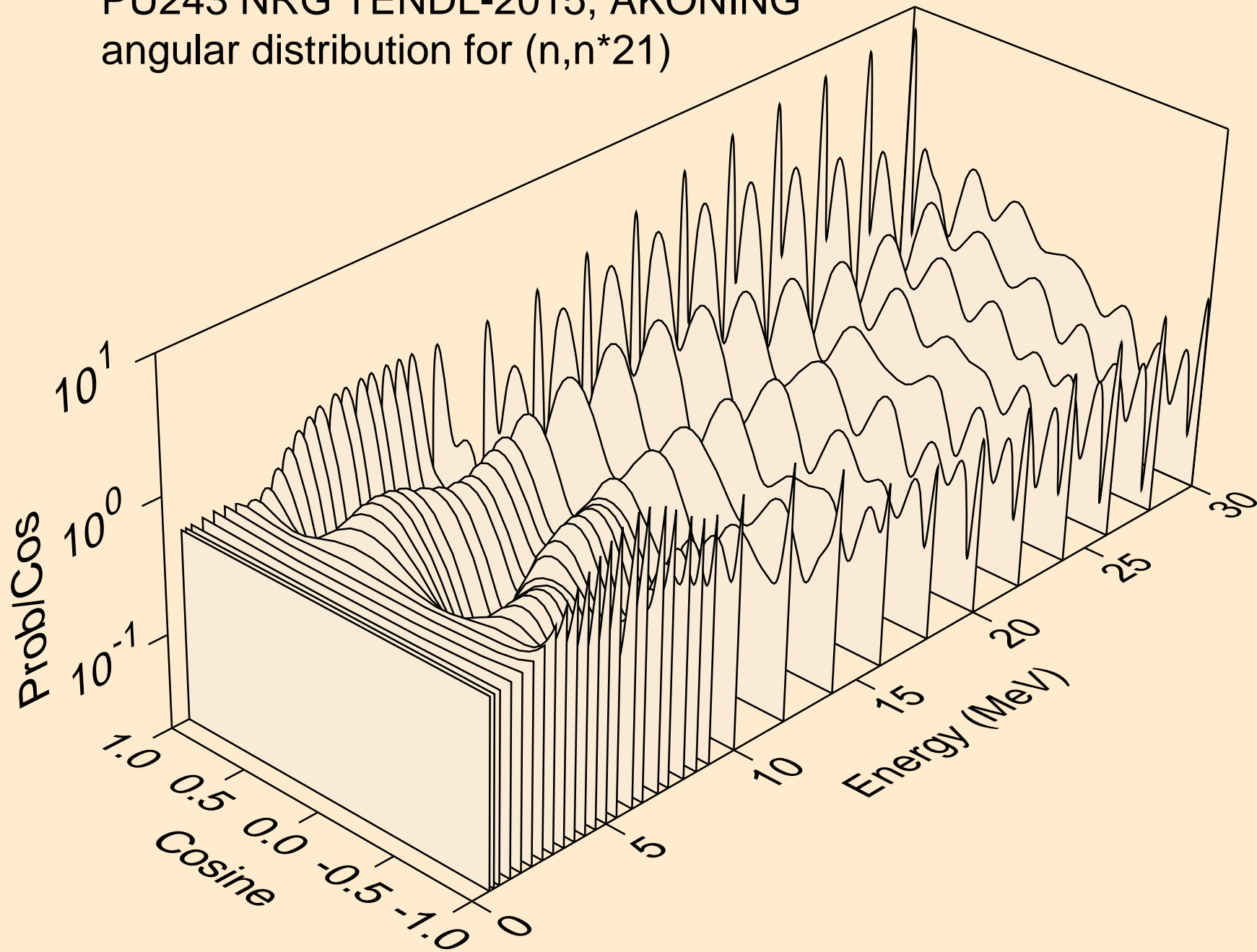
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



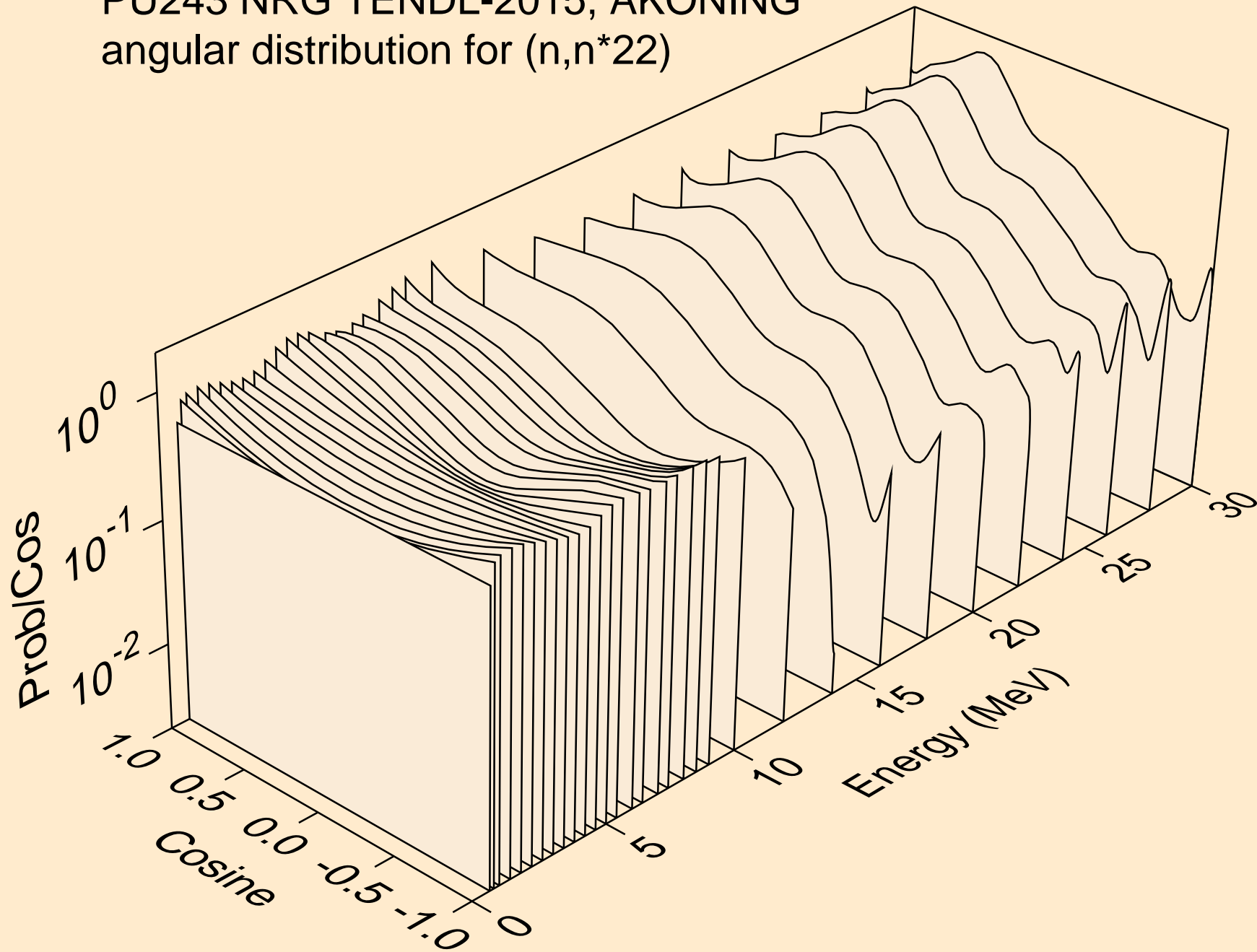
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



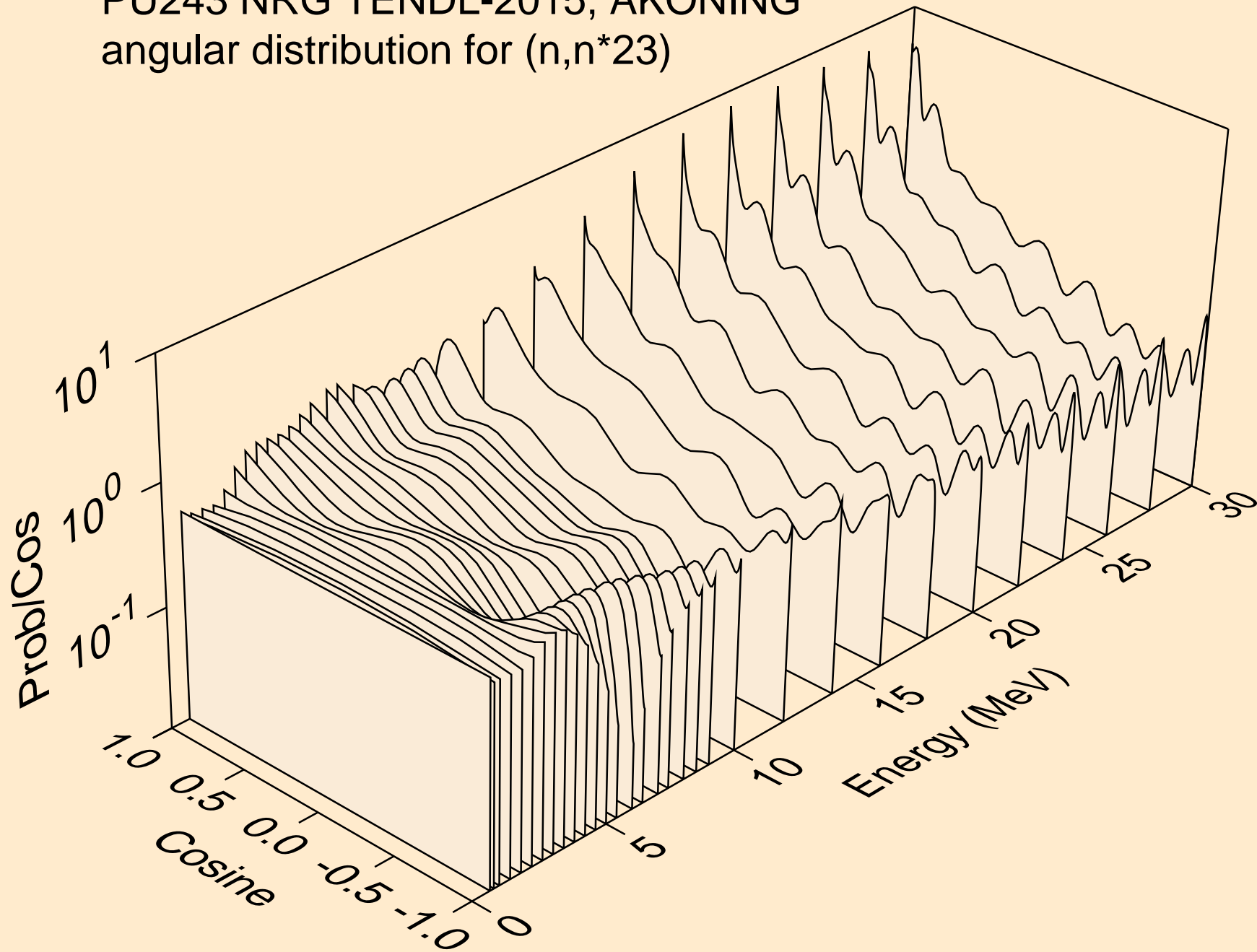
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

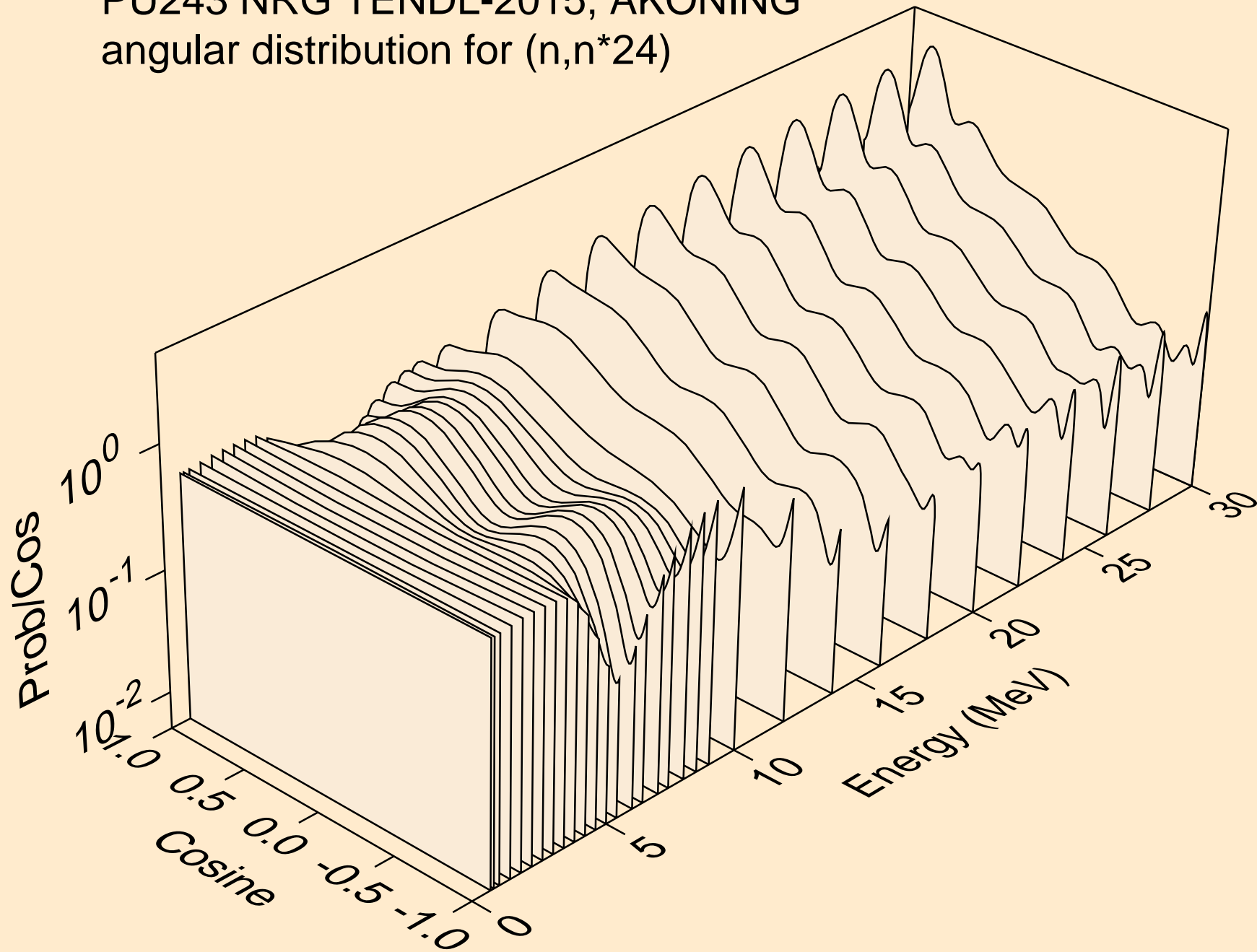


PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

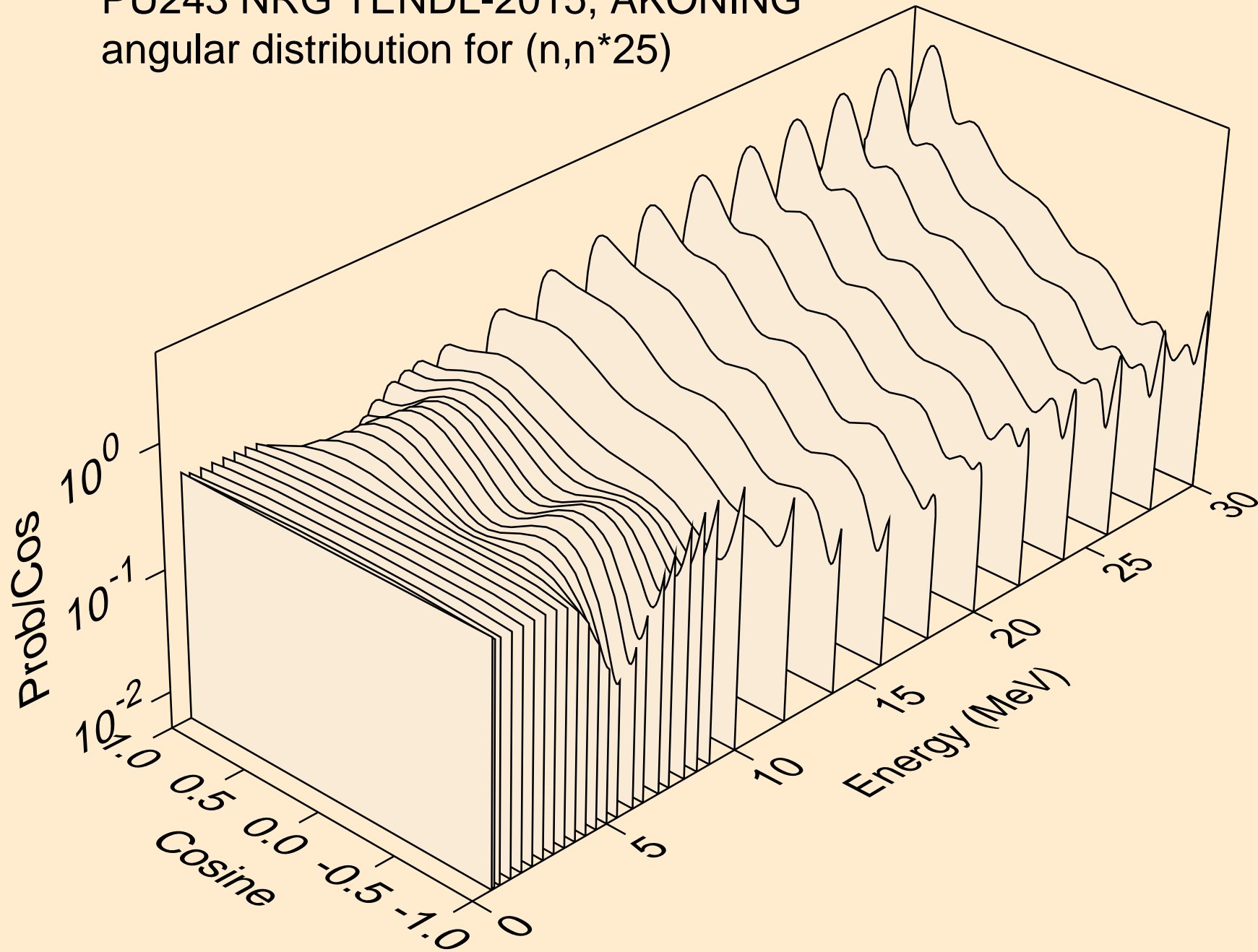




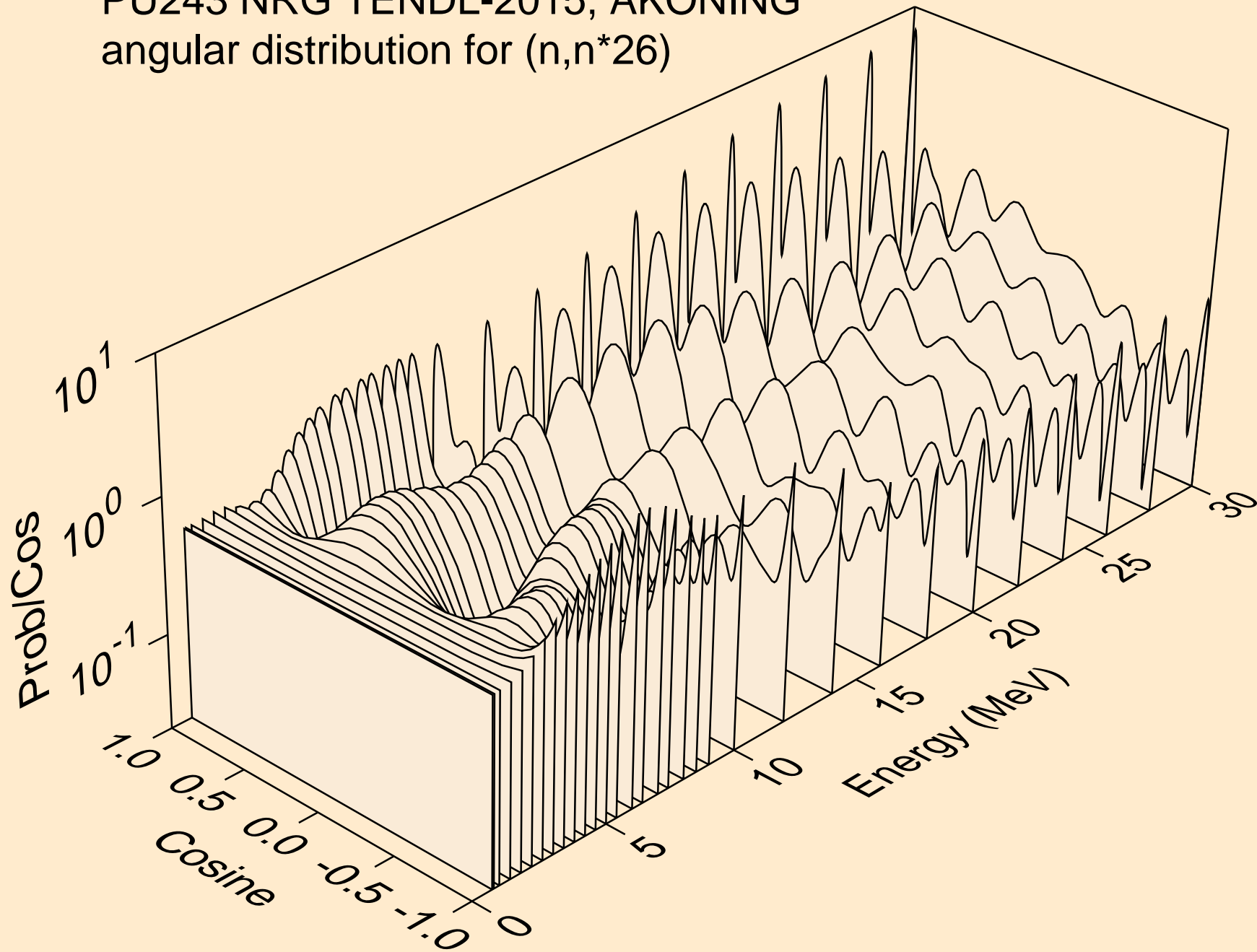
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



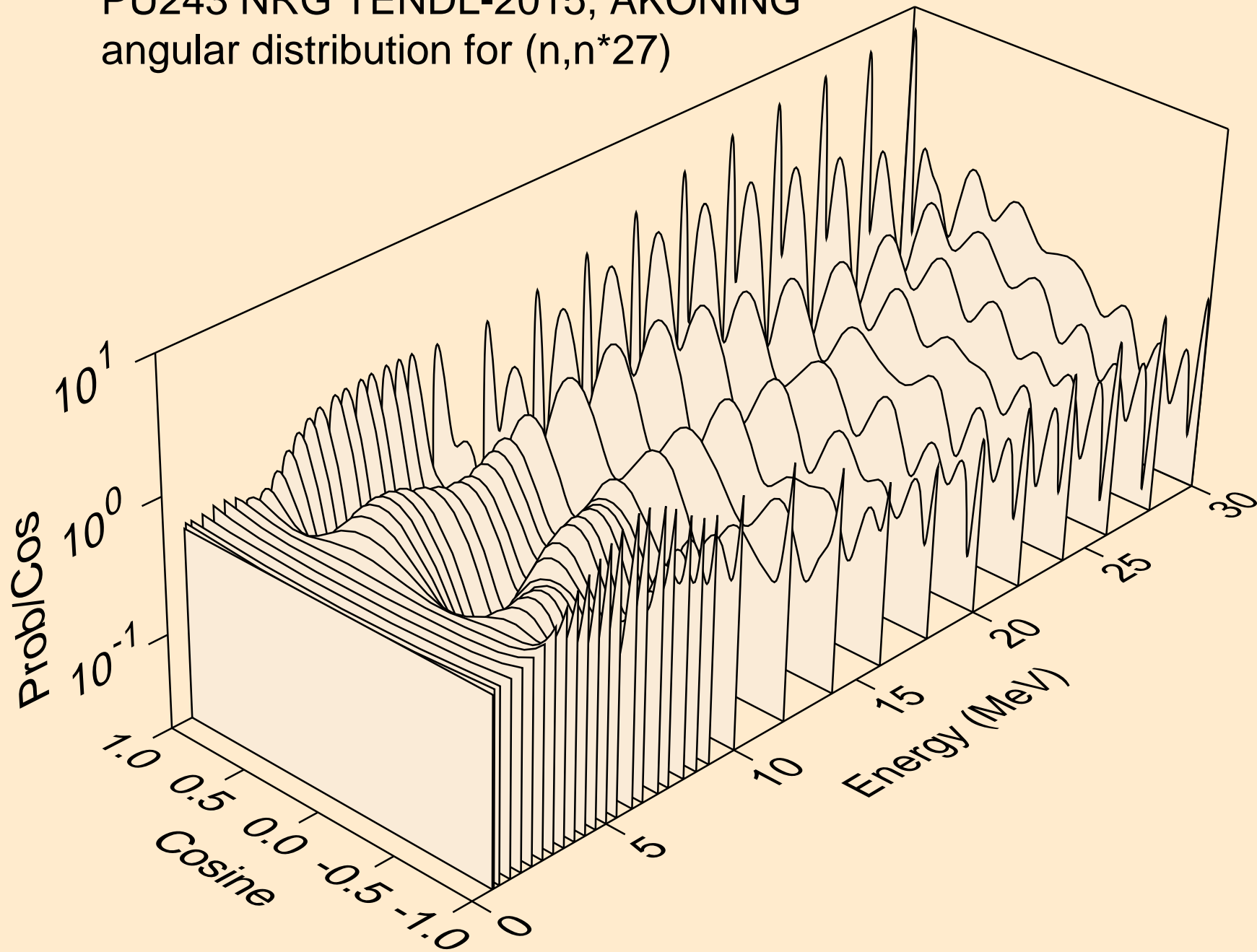
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



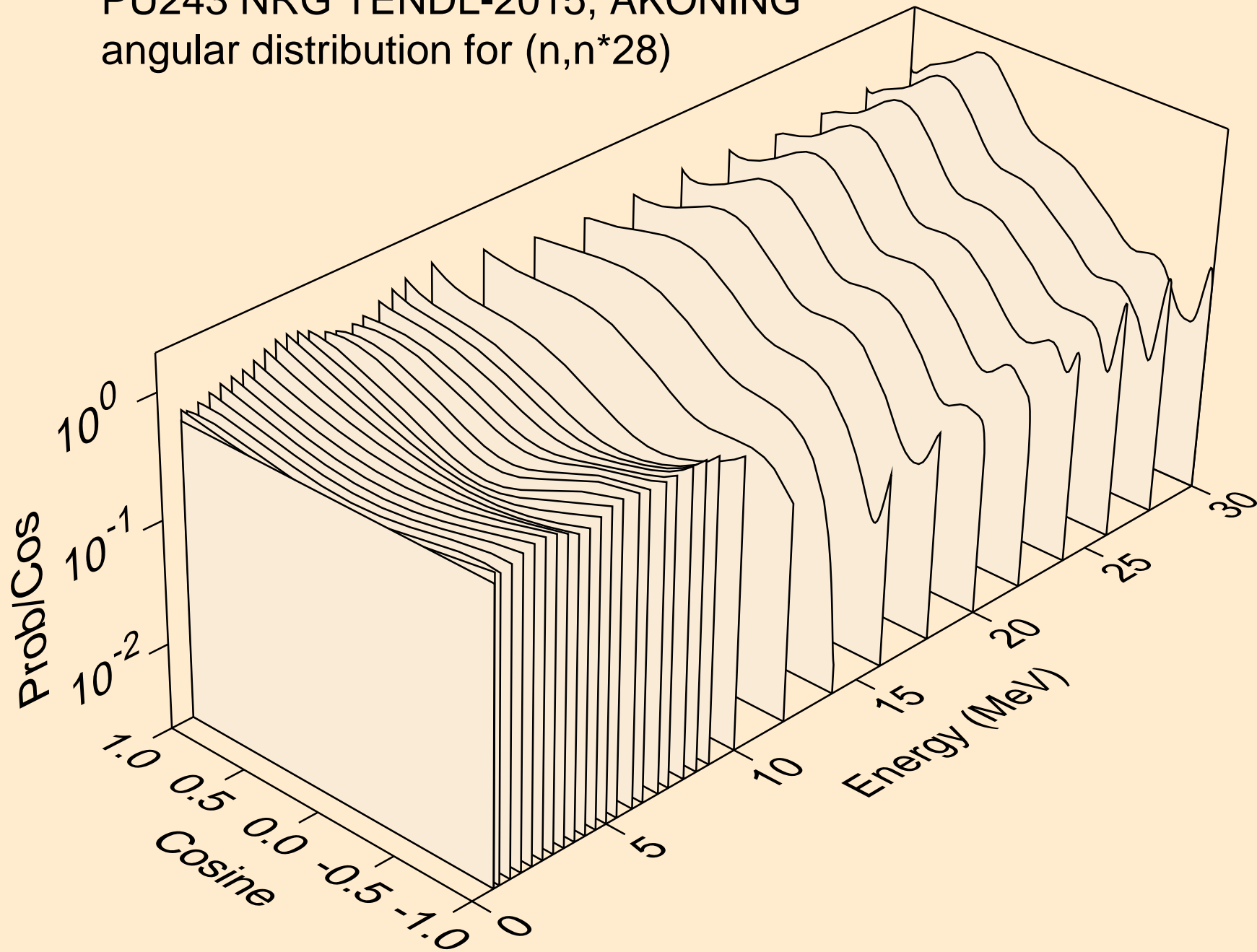
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



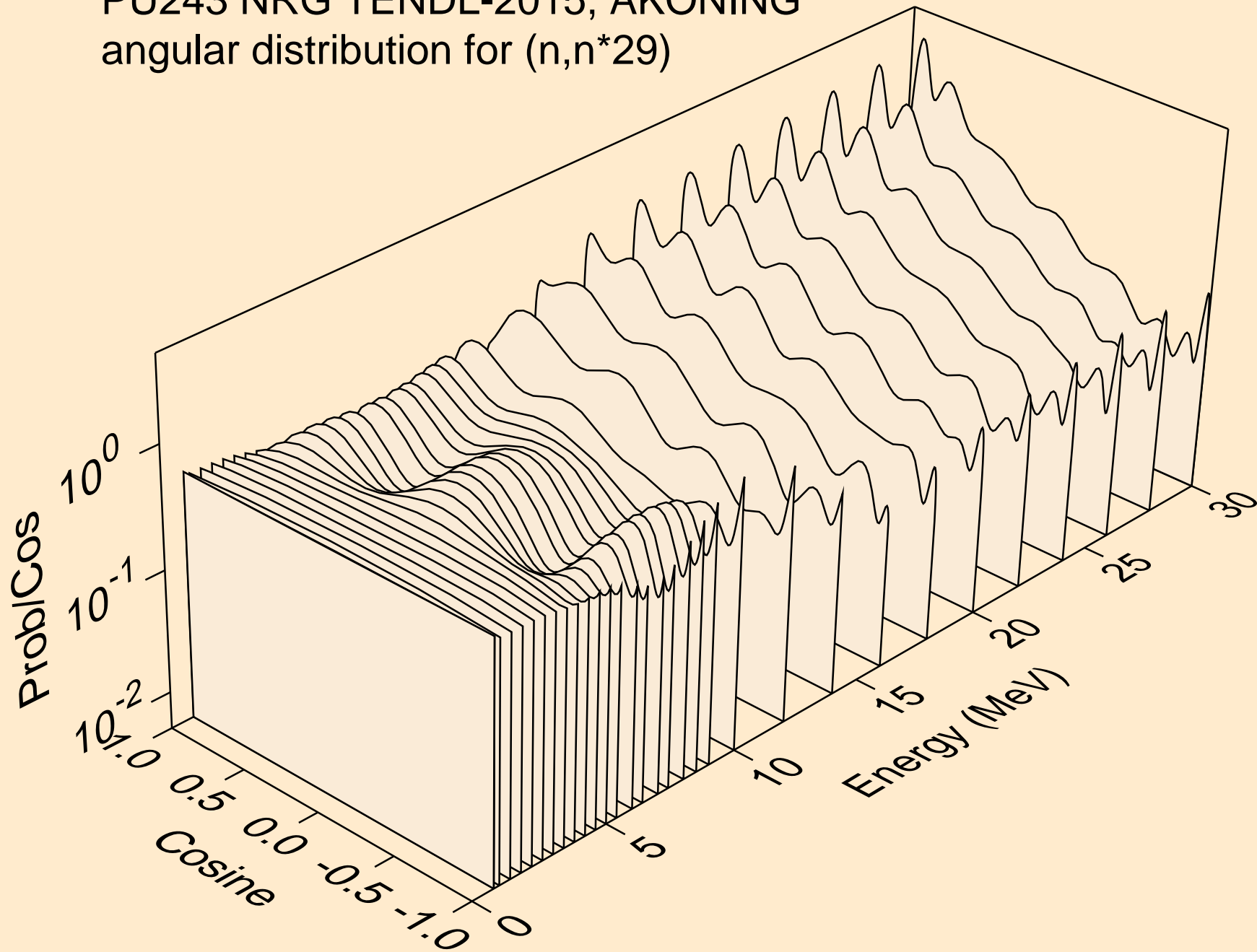
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



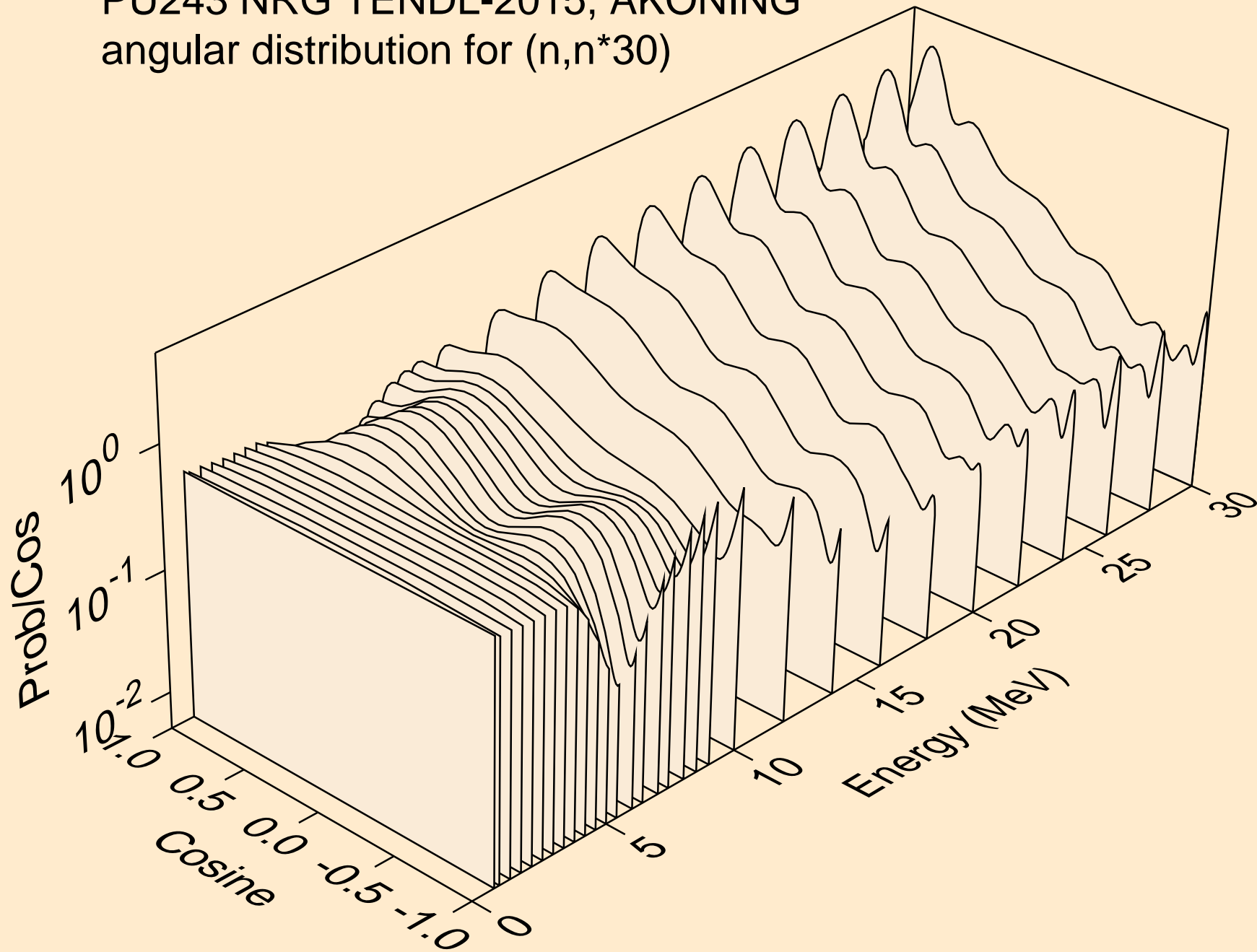
PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

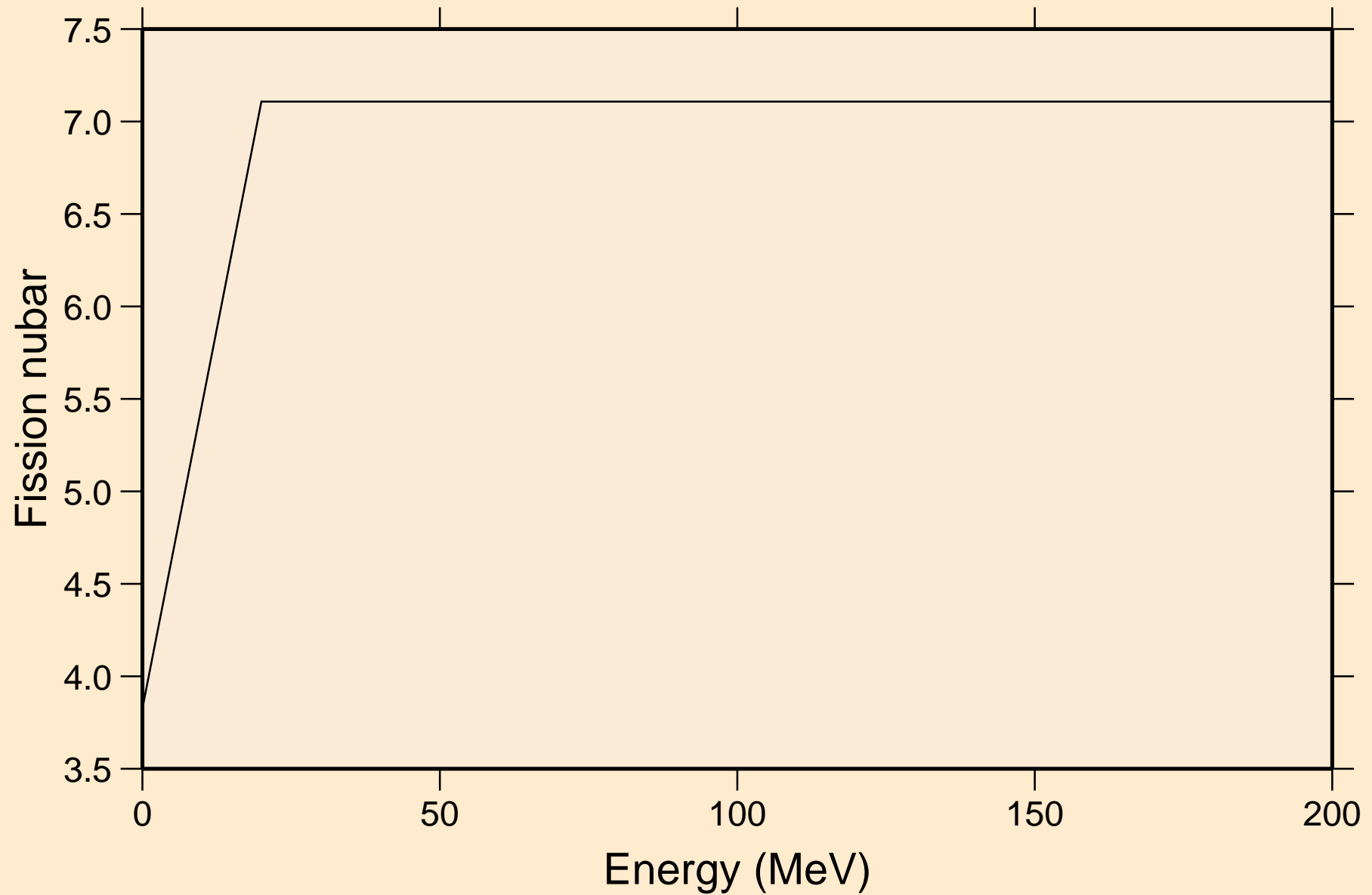


PU243 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



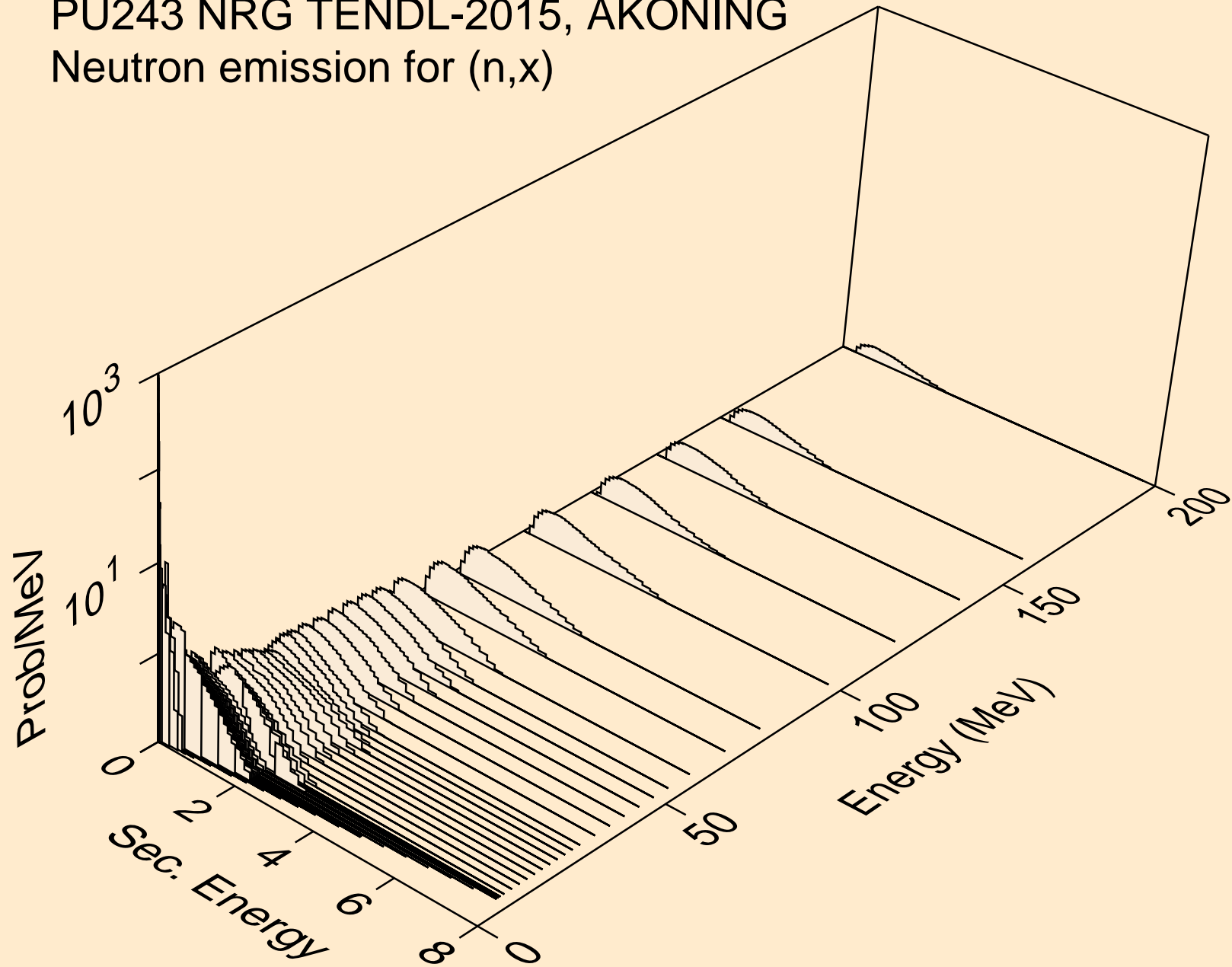
# PU243 NRG TENDL-2015, AKONING

Total fission nubar

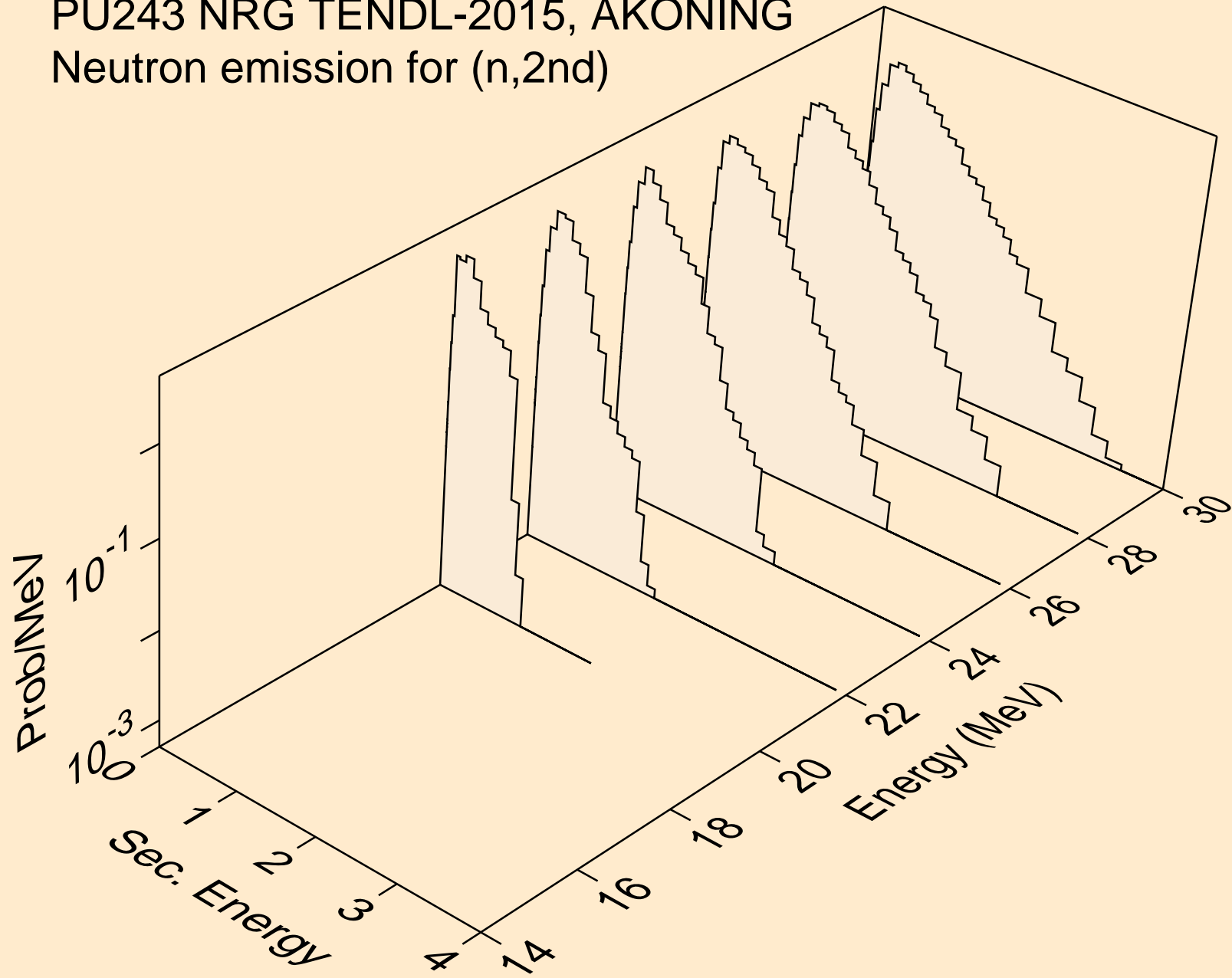




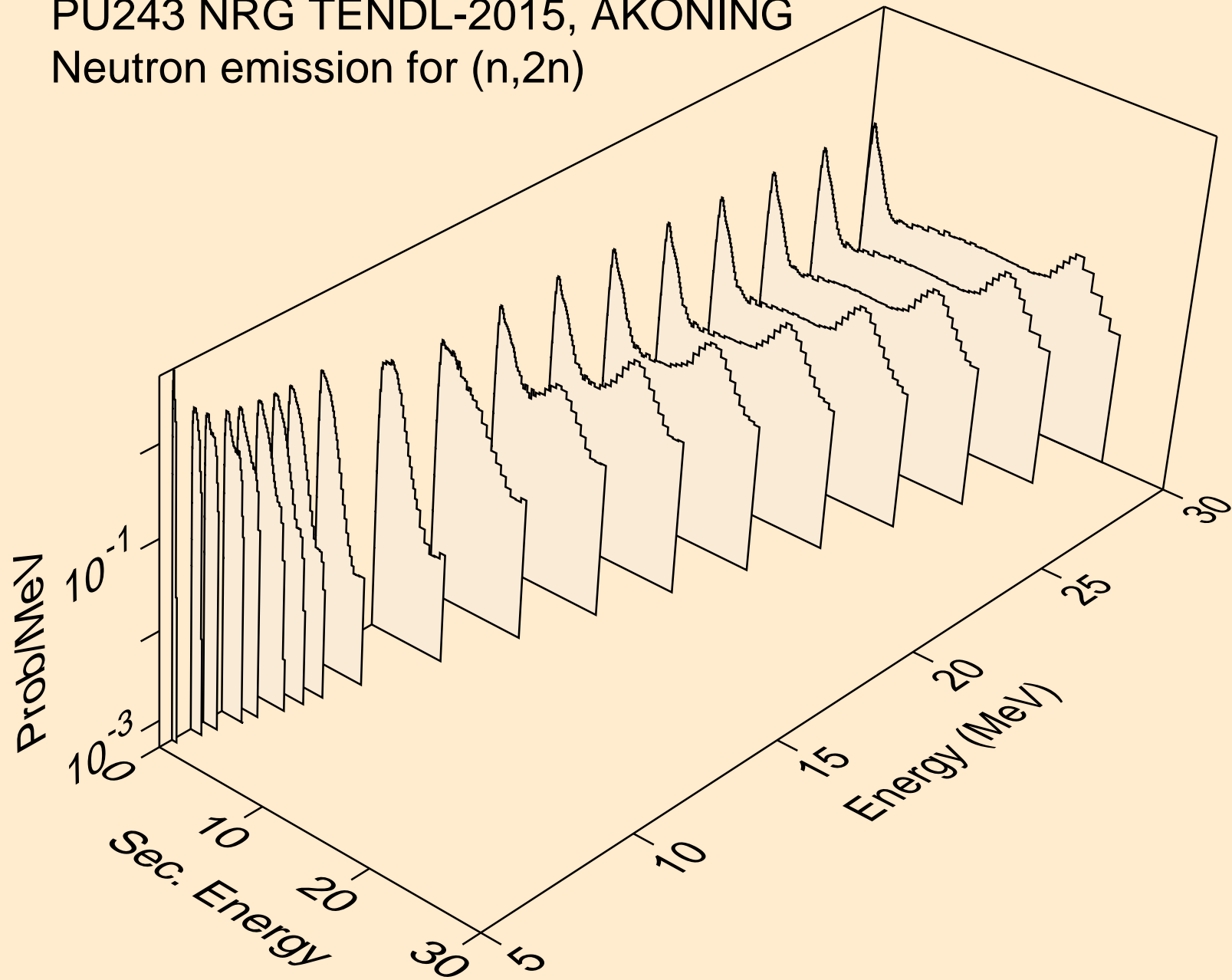
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



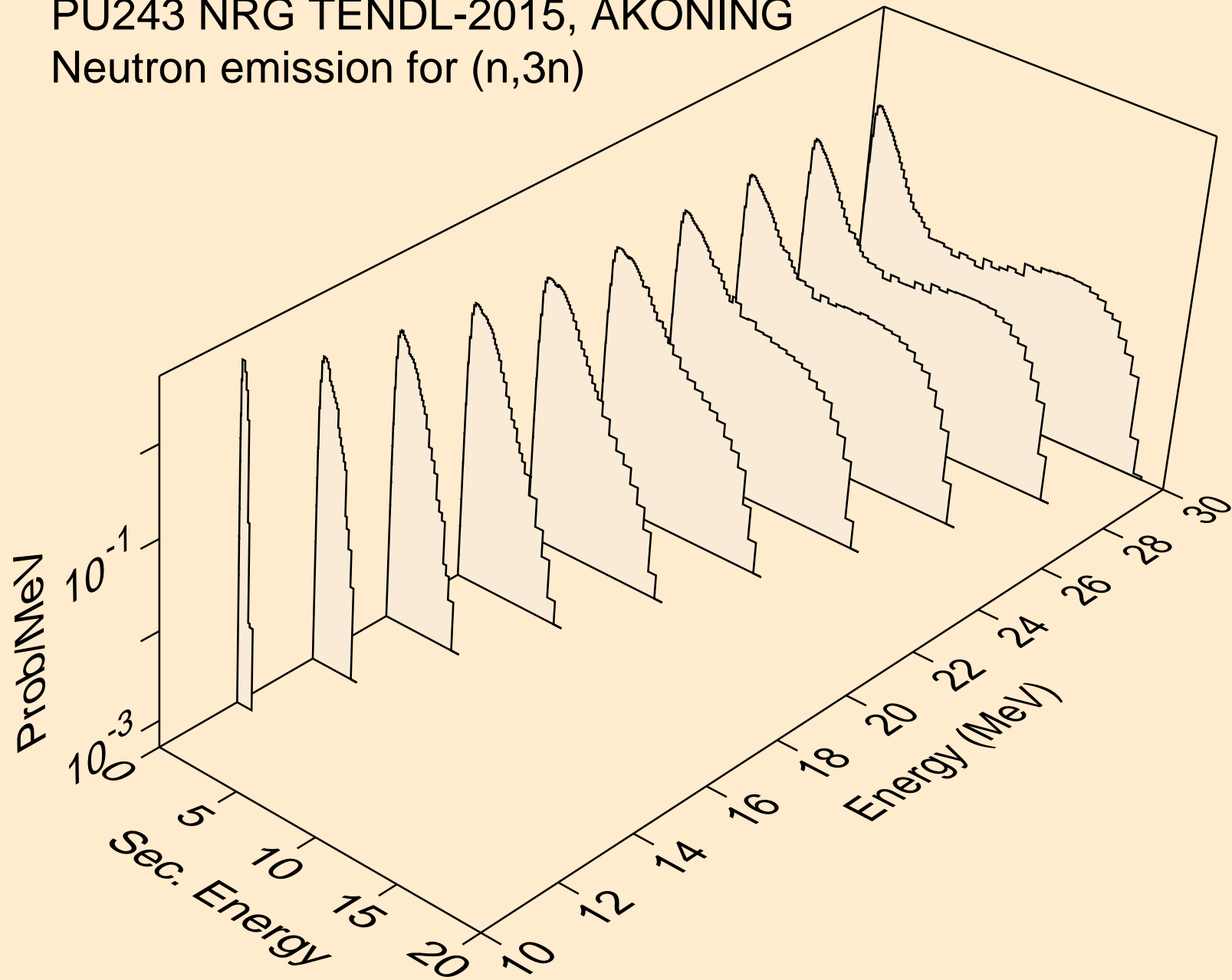
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



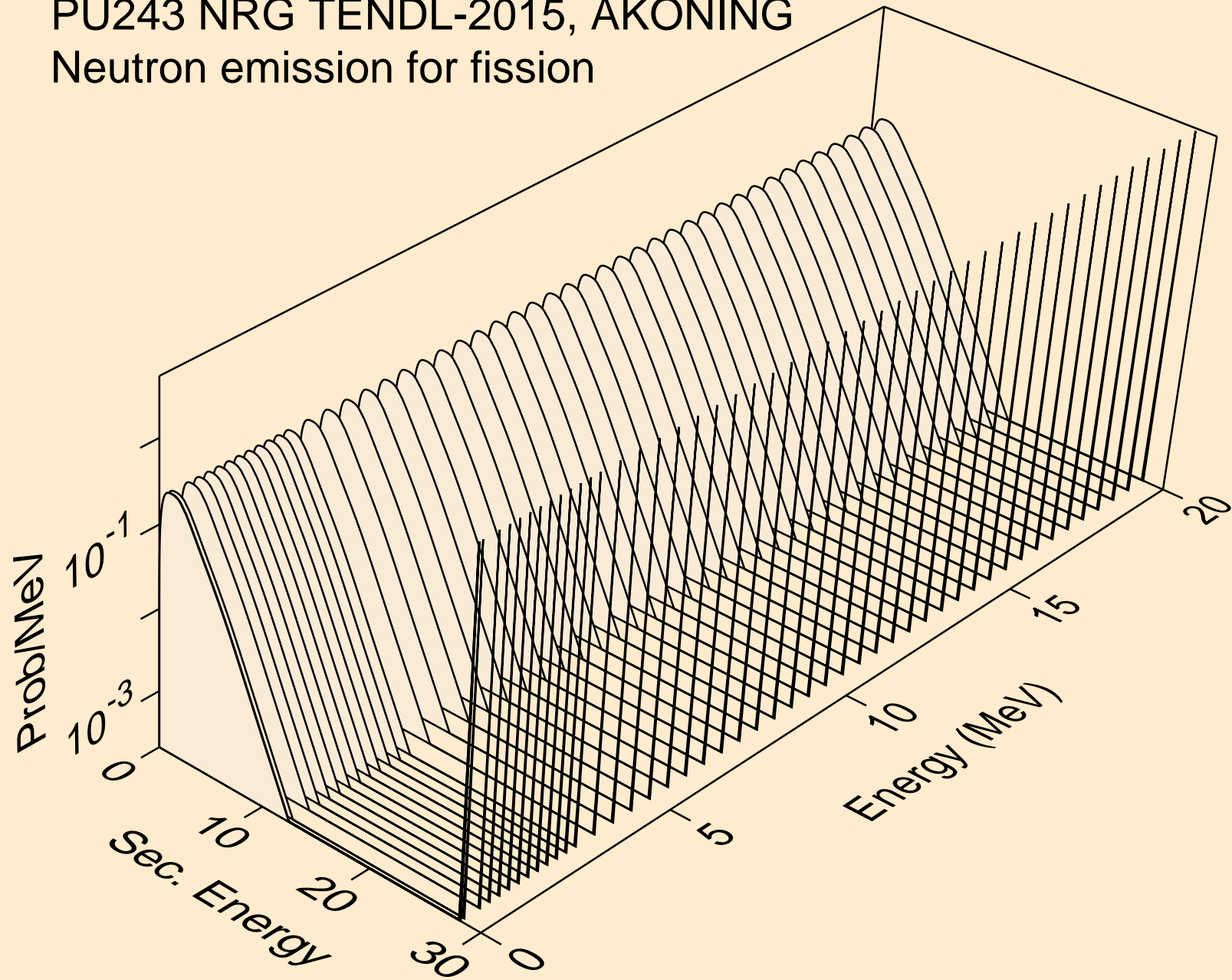
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



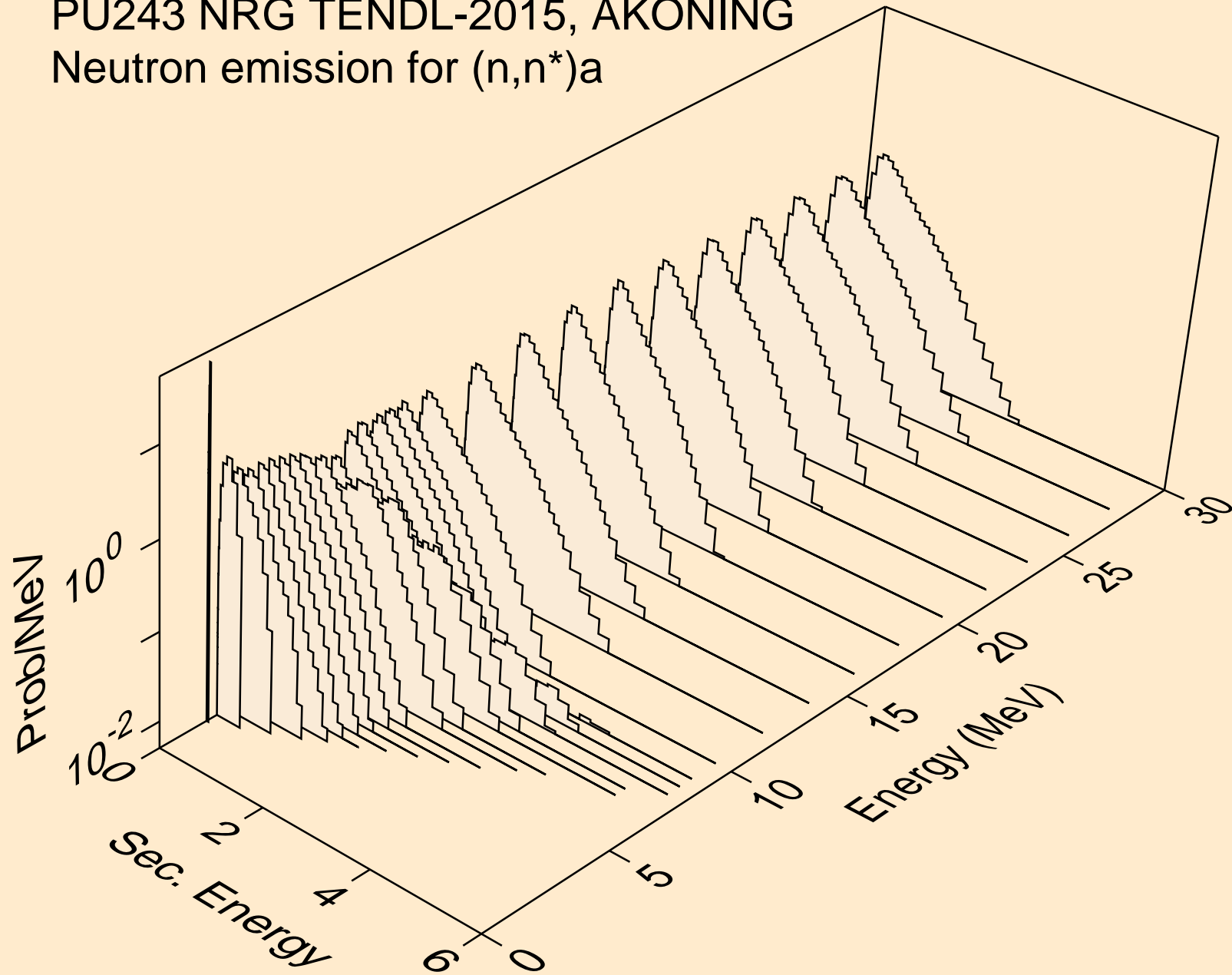
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



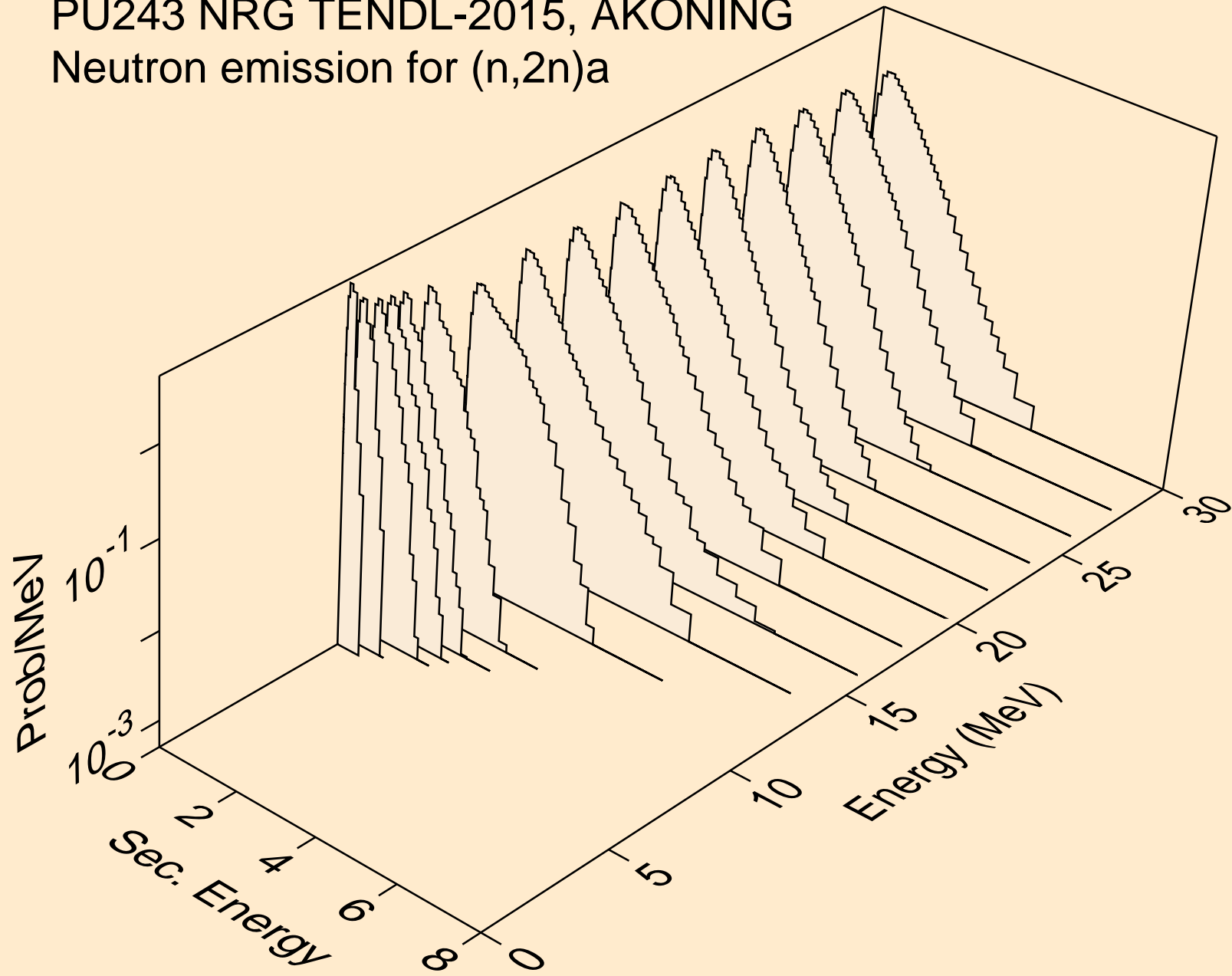
PU243 NRG TENDL-2015, AKONING  
Neutron emission for fission



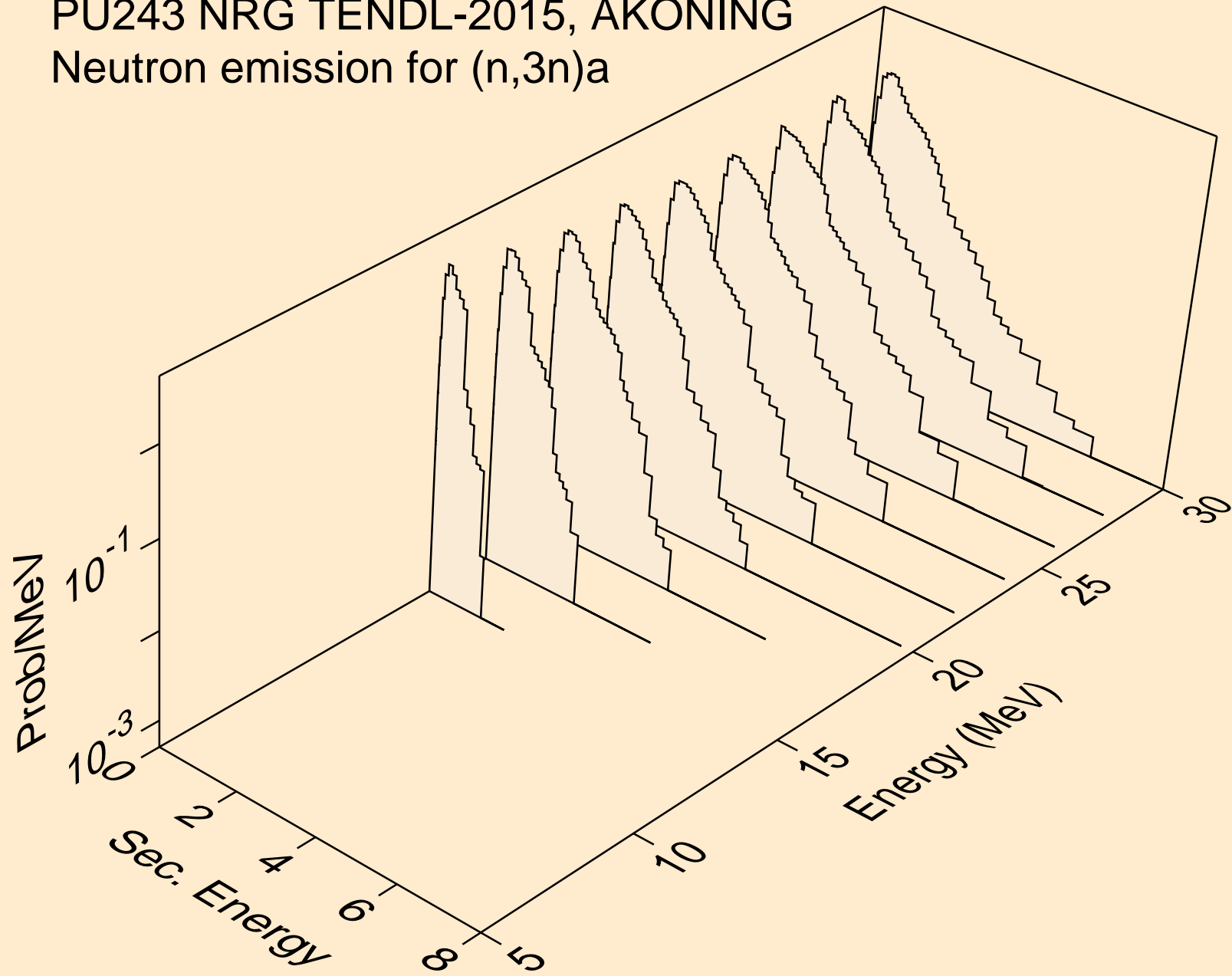
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

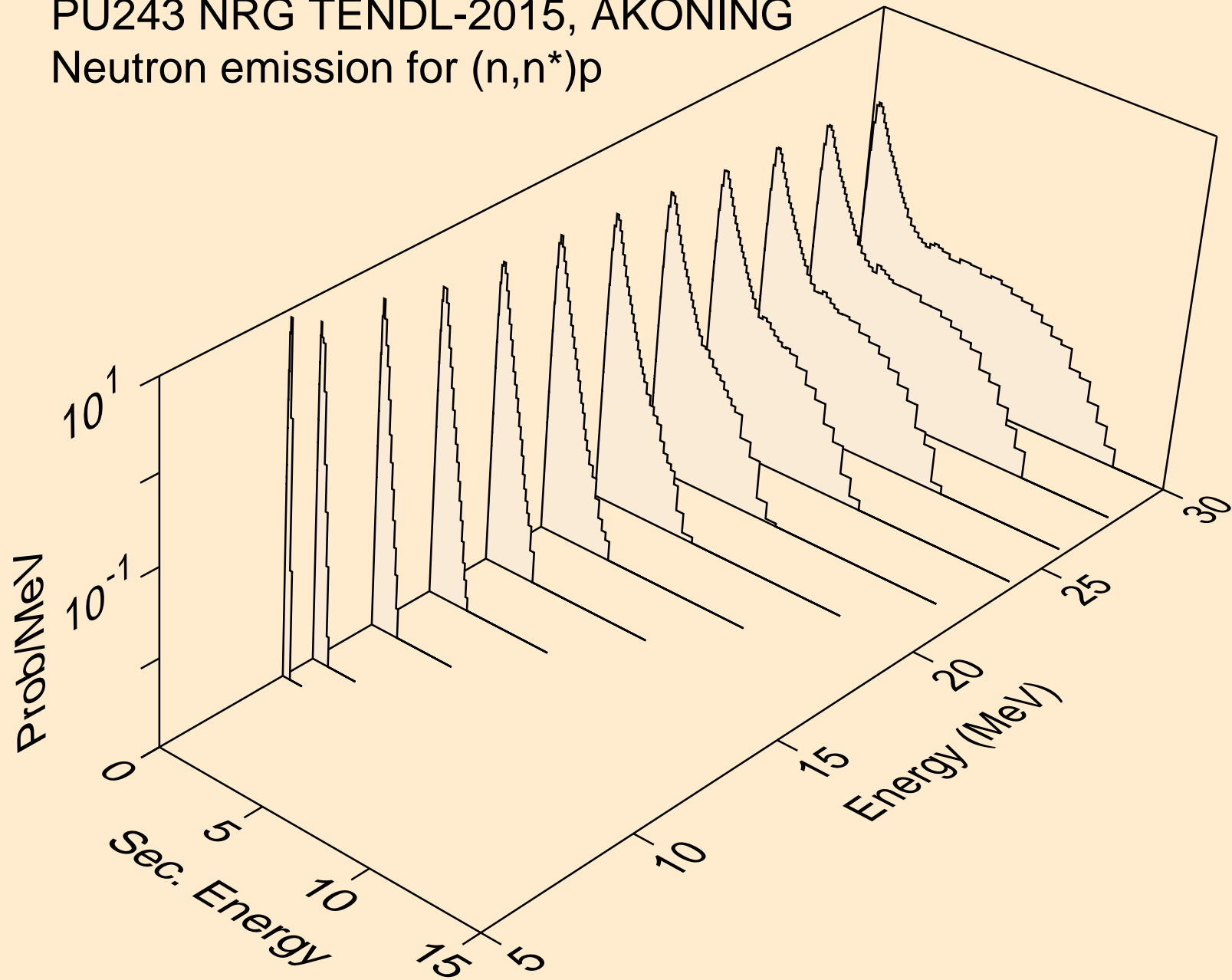


PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

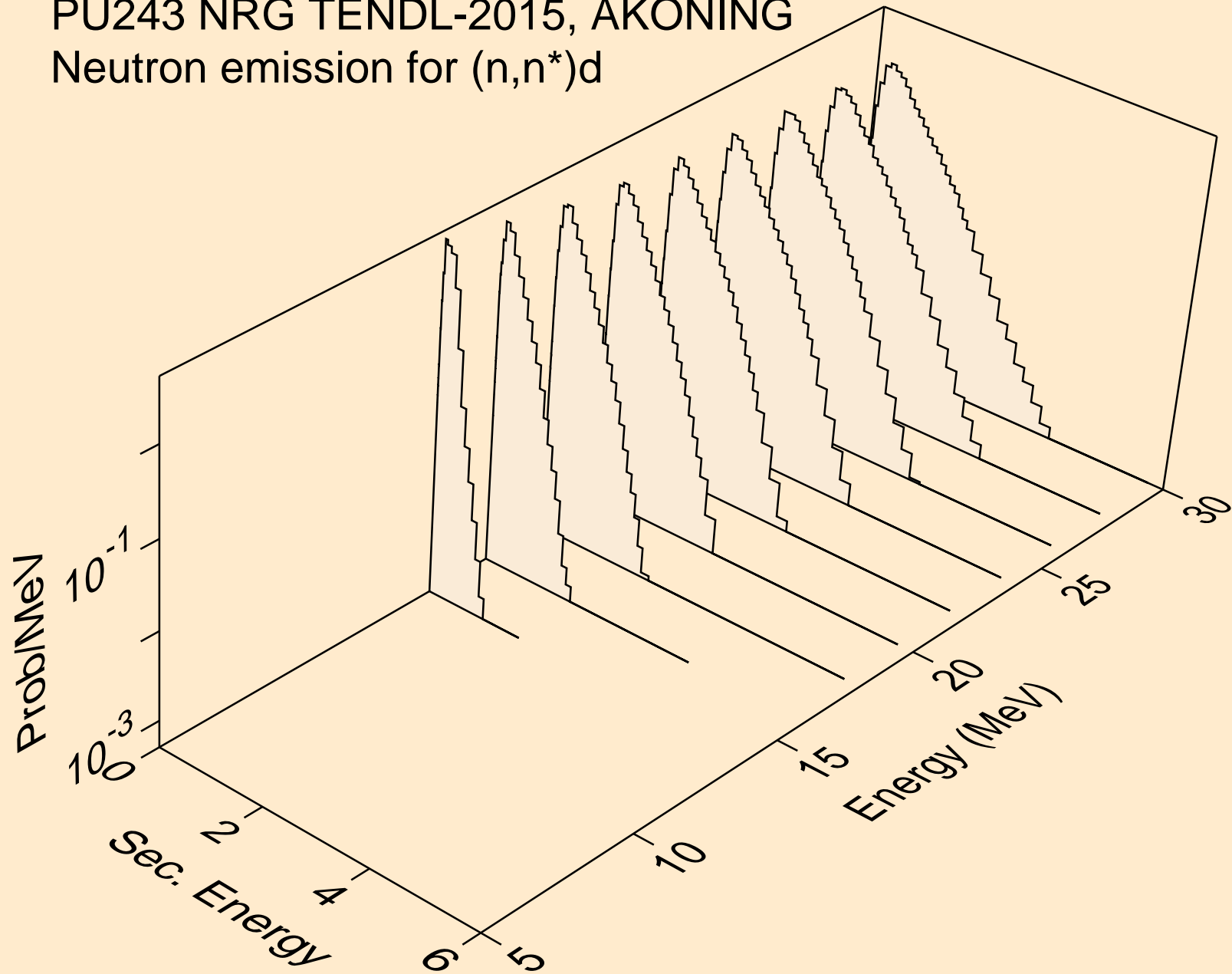




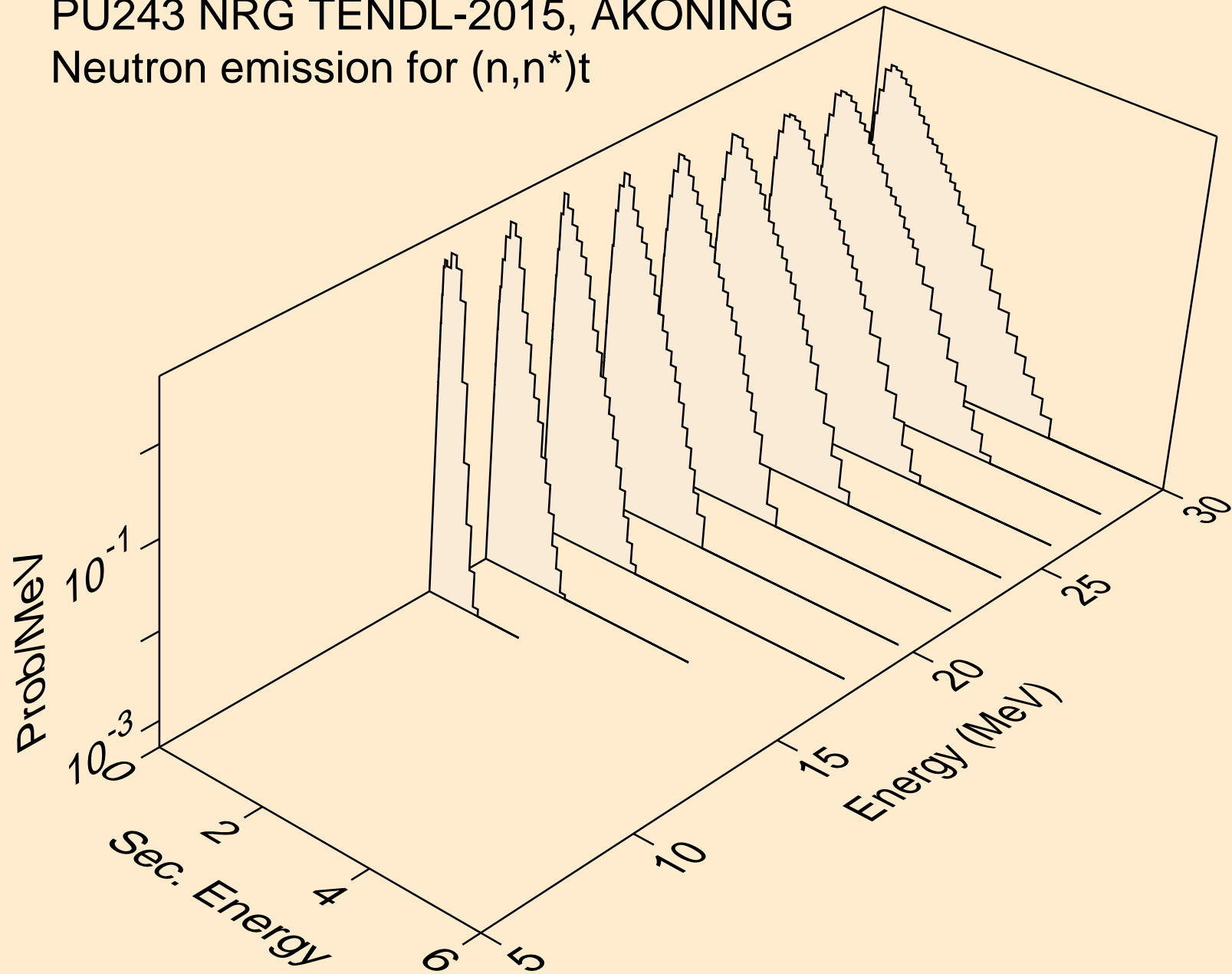
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



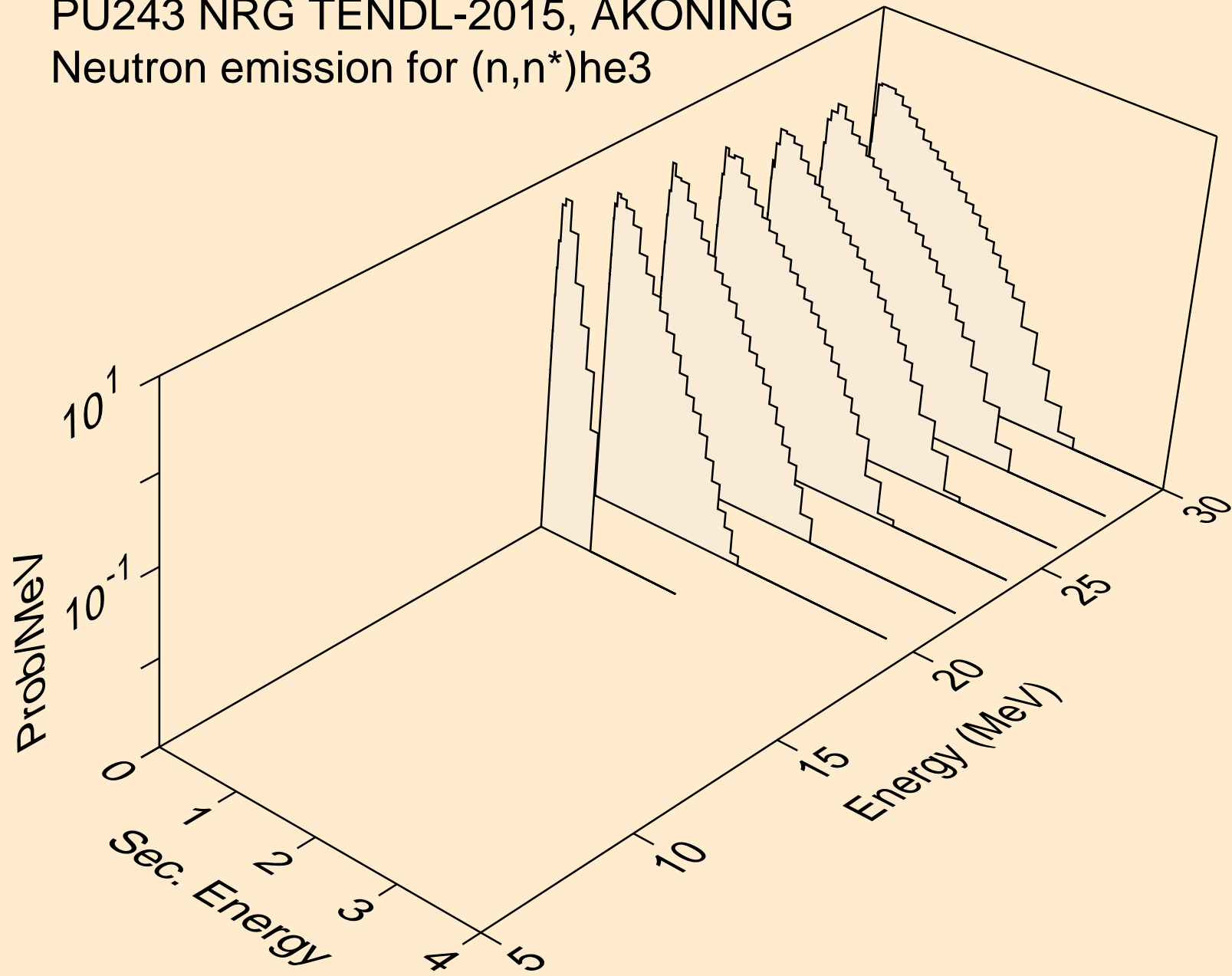
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



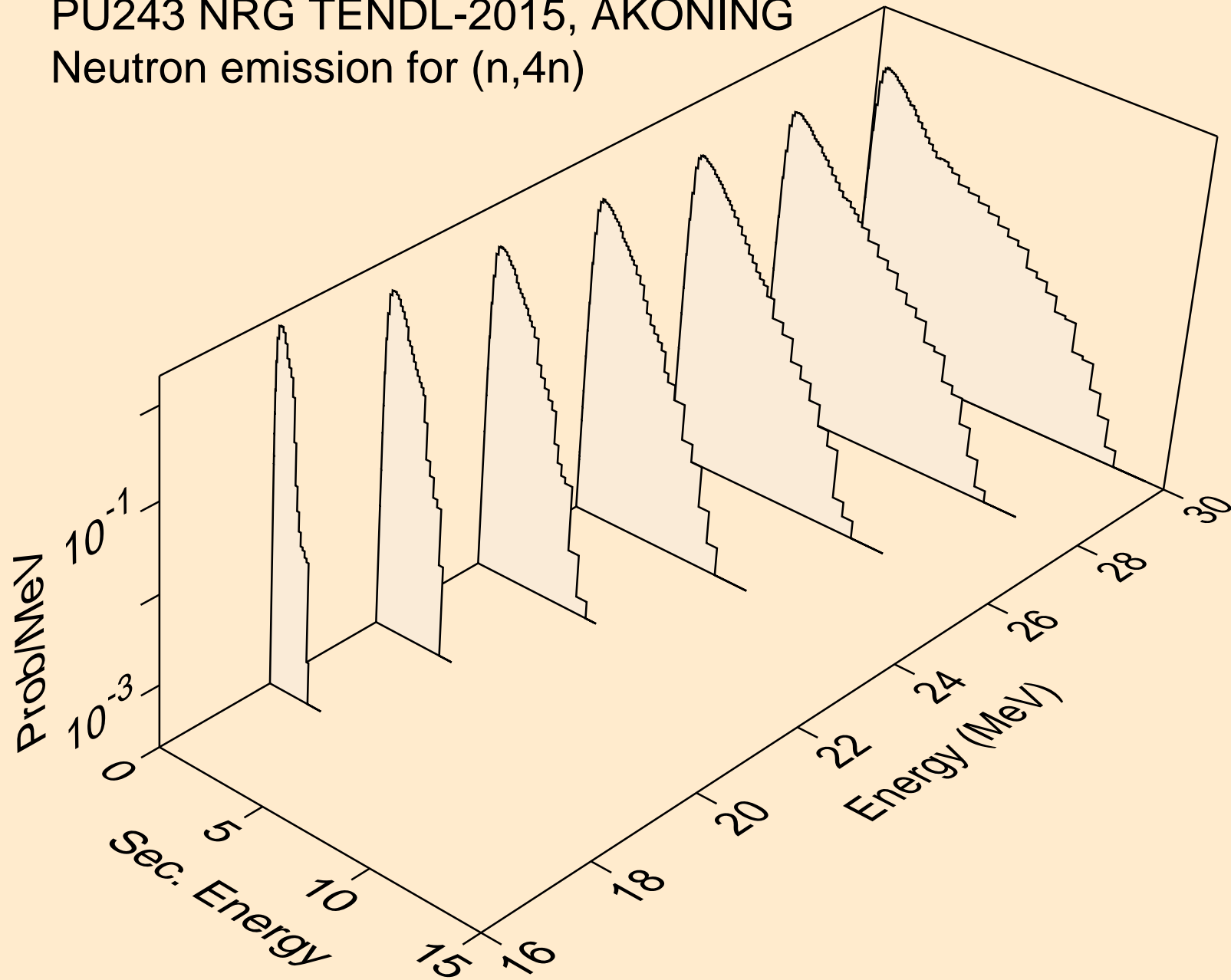
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



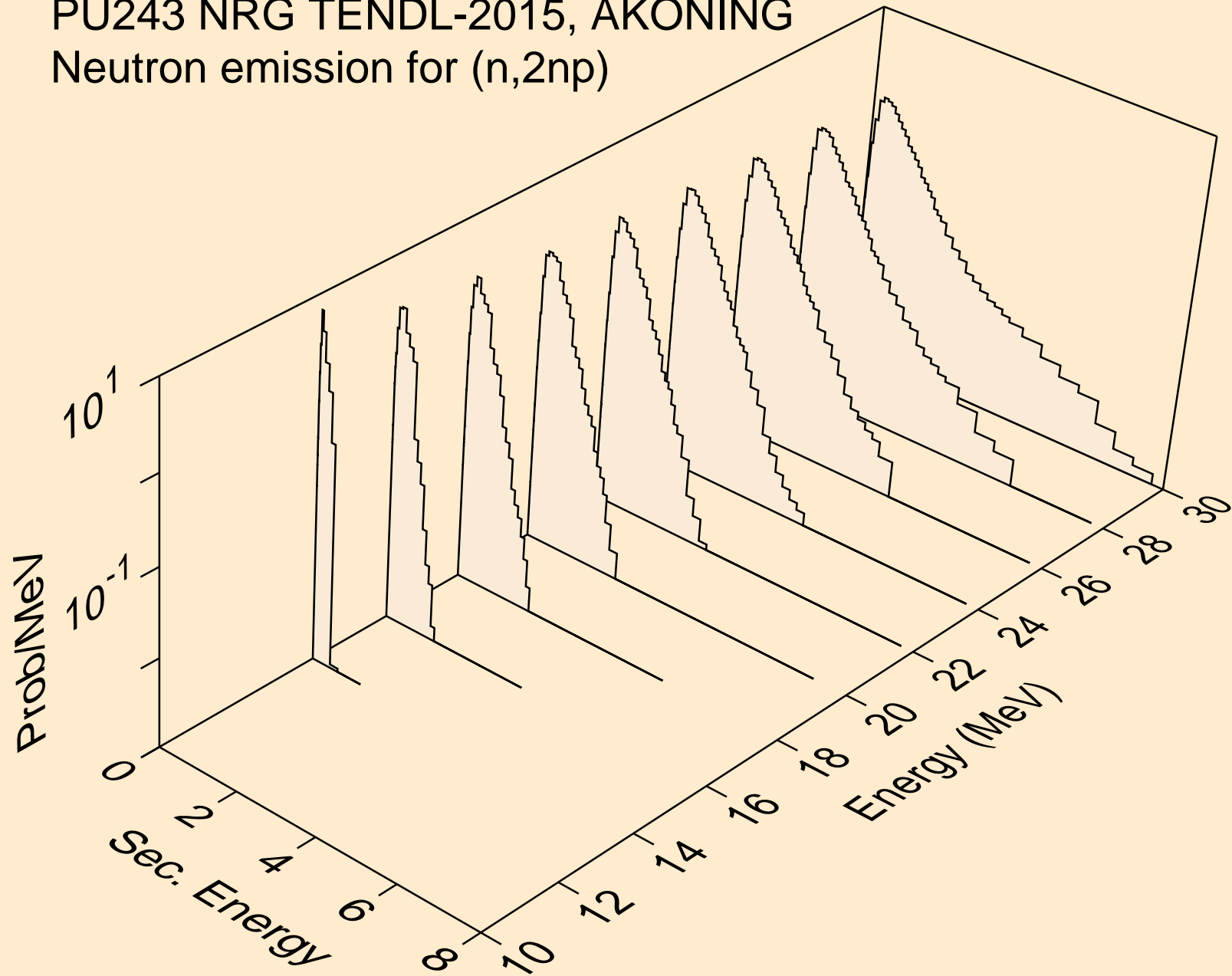
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



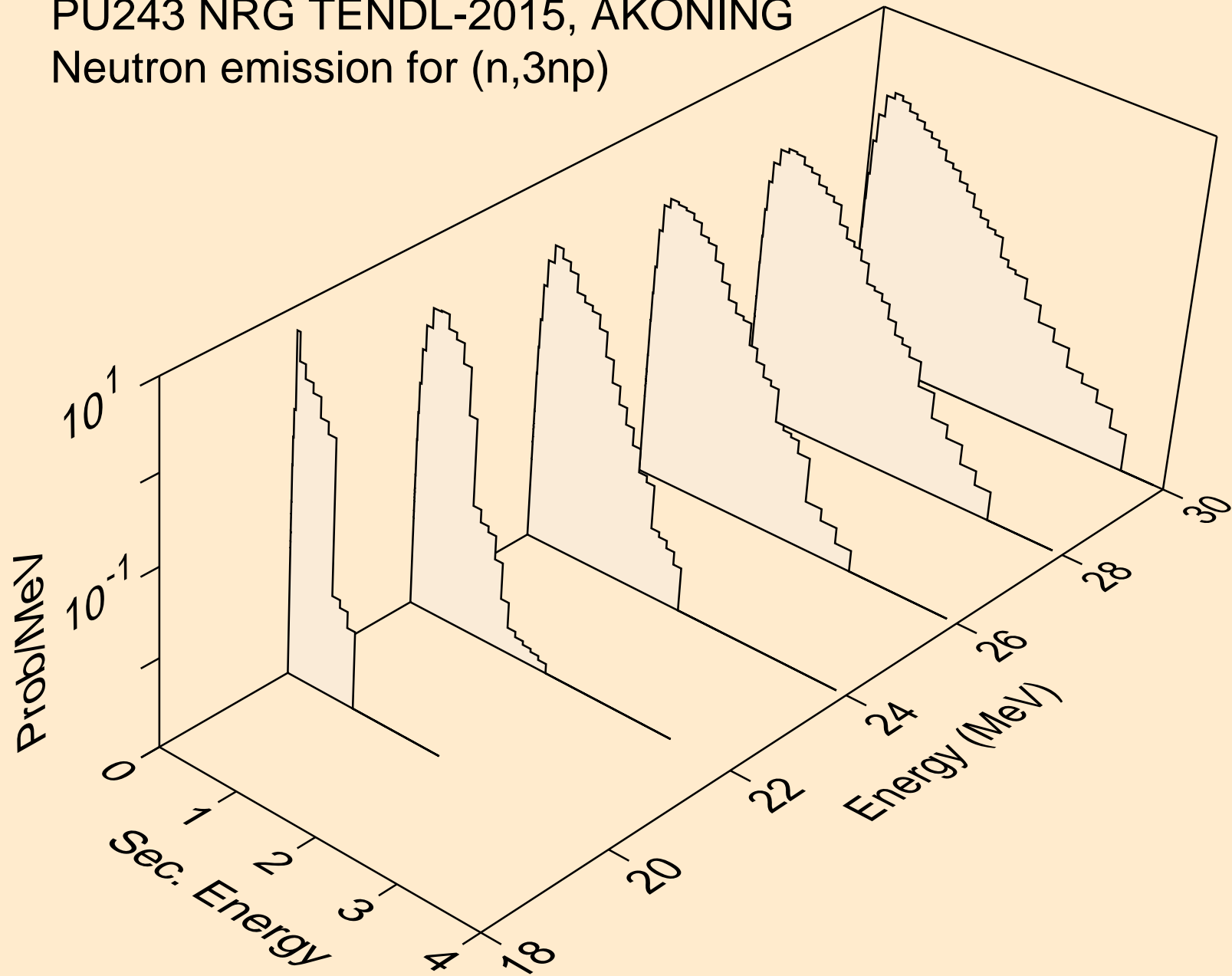
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



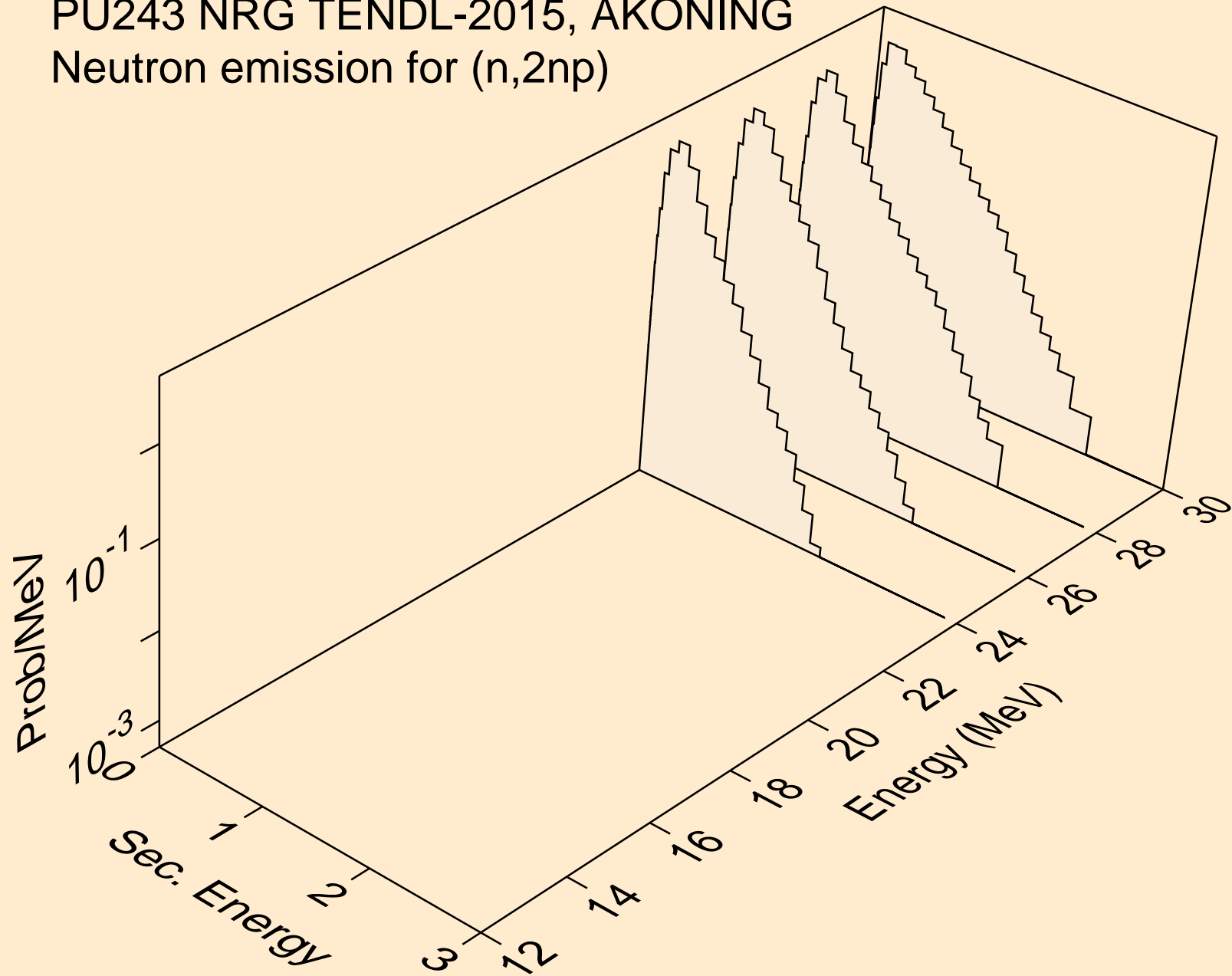
PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

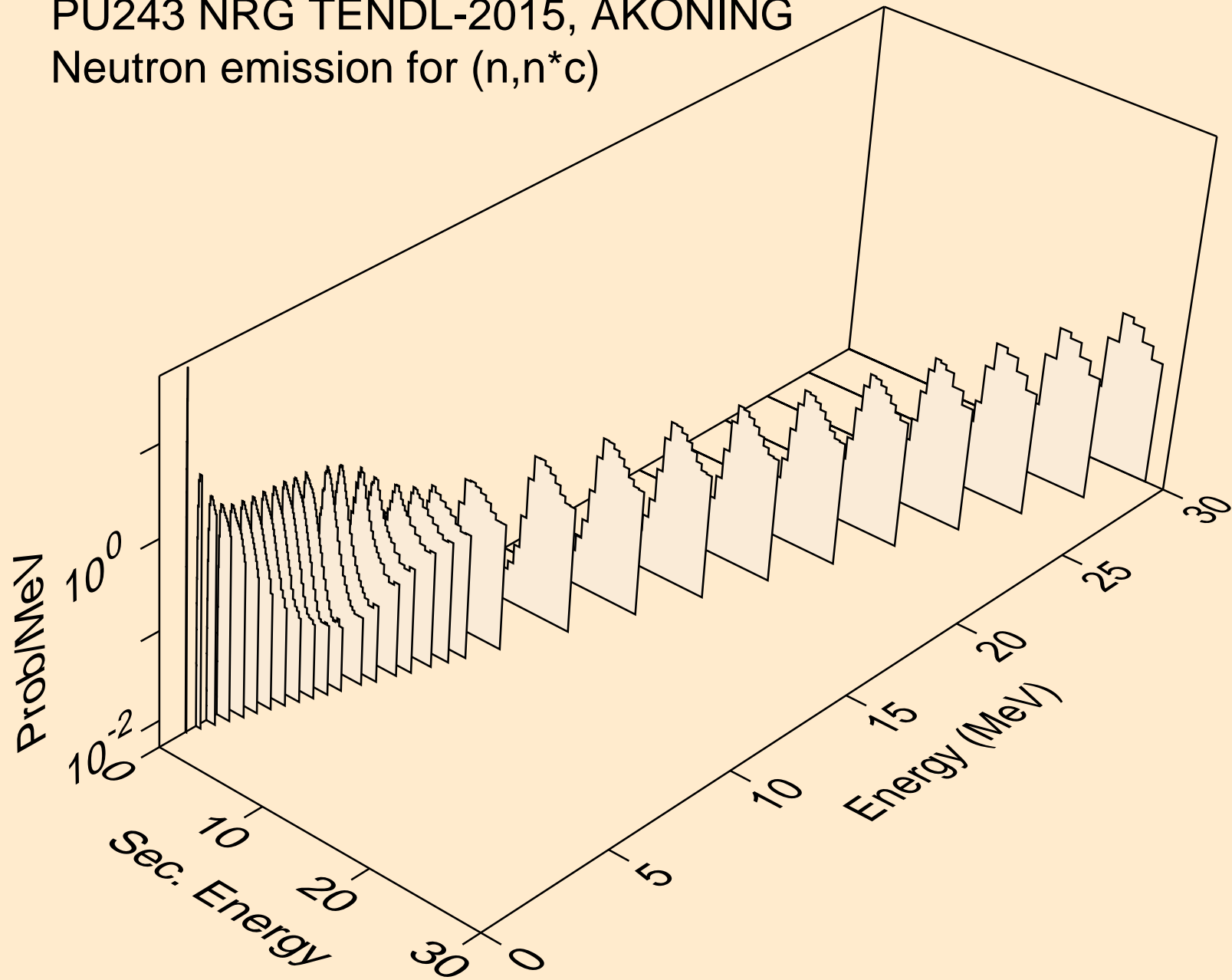


PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



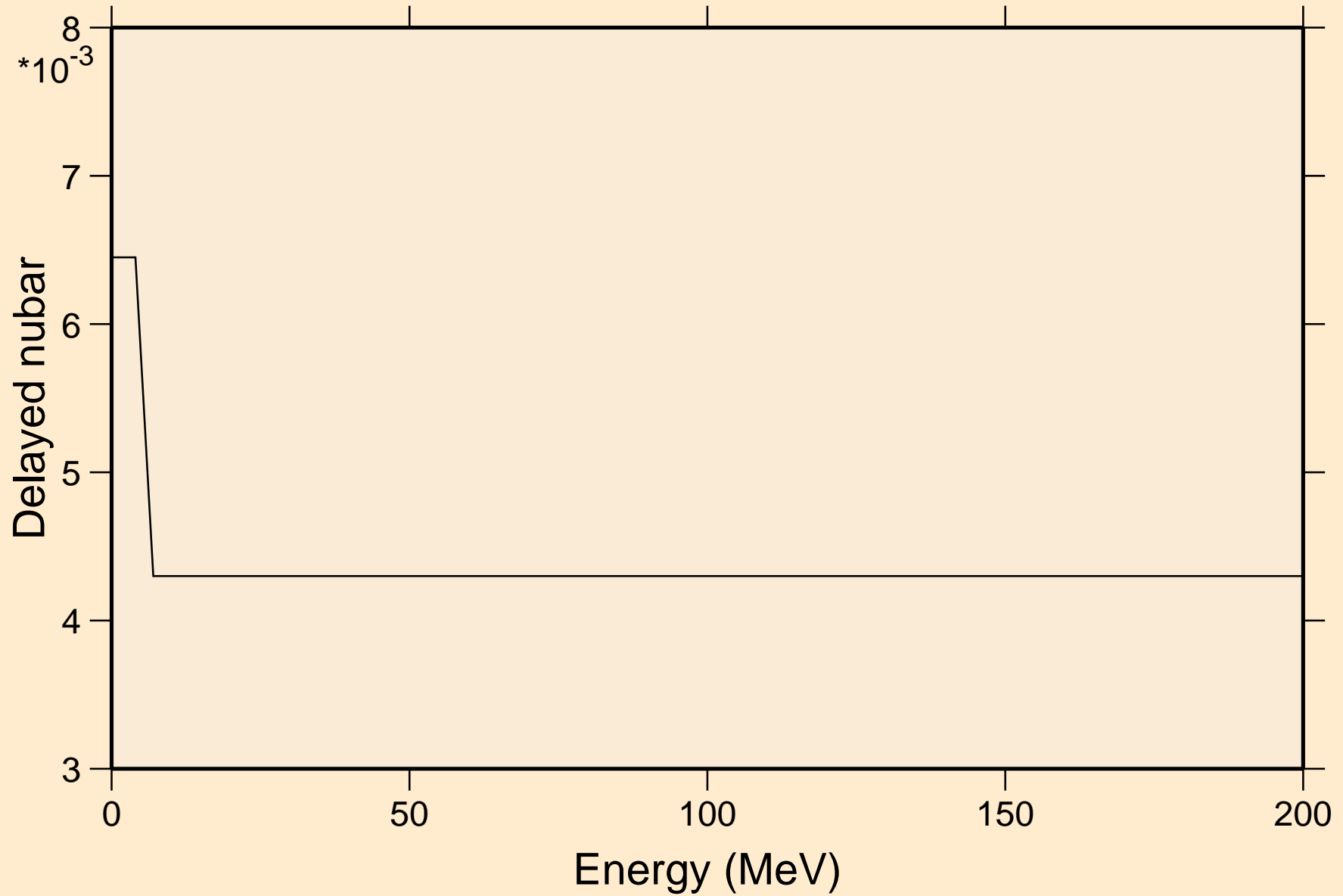


PU243 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



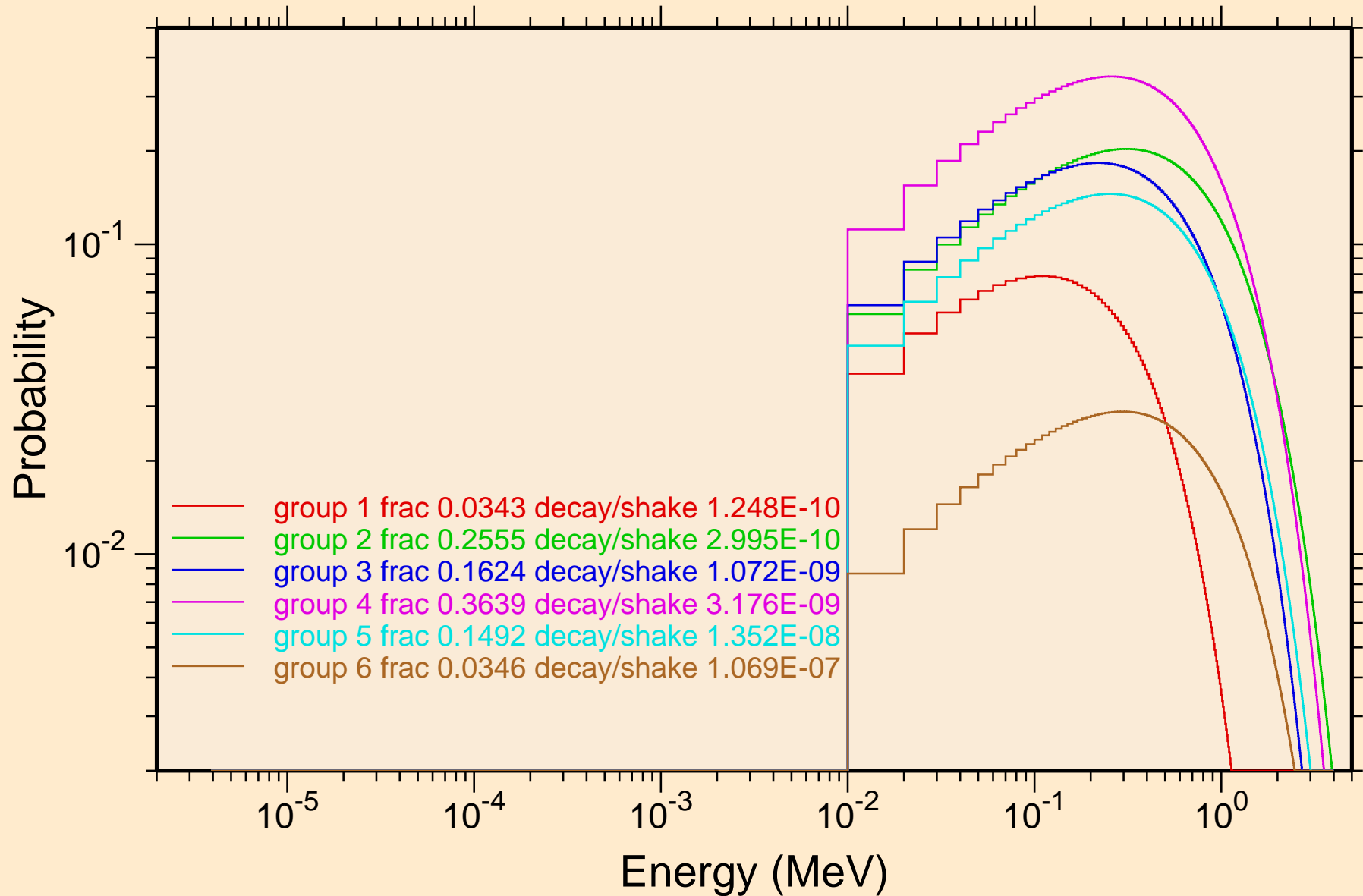
# PU243 NRG TENDL-2015, AKONING

Delayed nubar

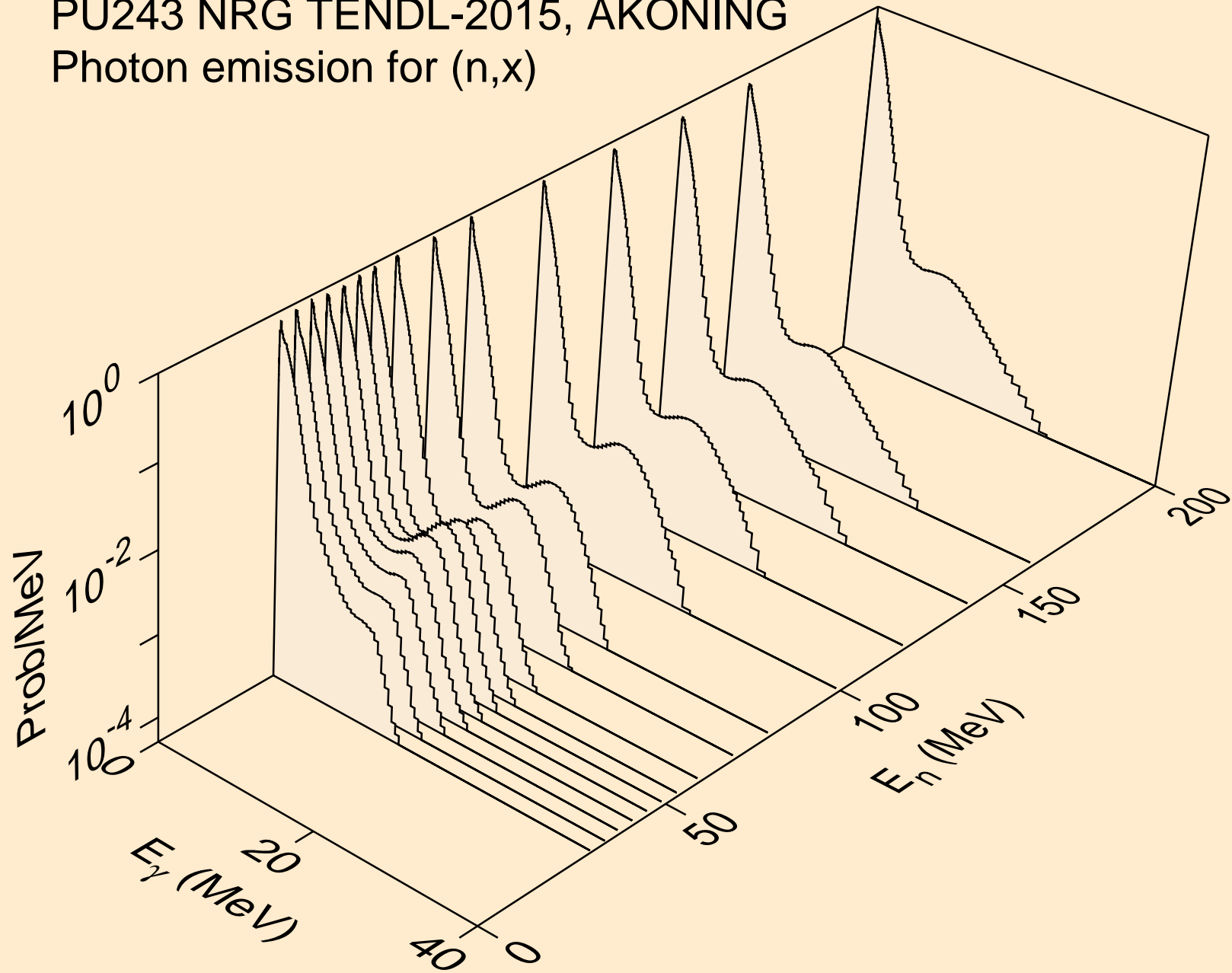


# PU243 NRG TENDL-2015, AKONING

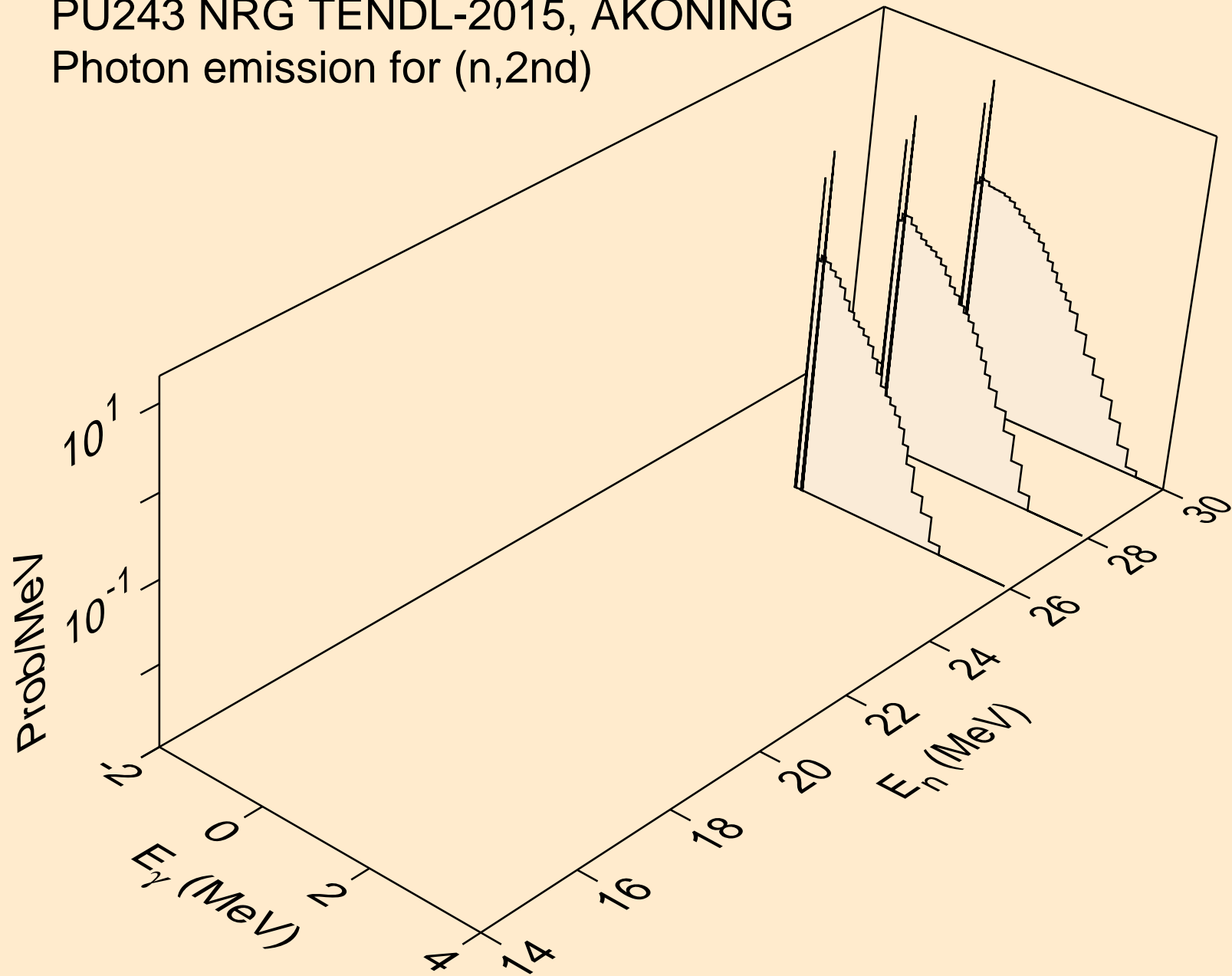
## Delayed neutron spectra



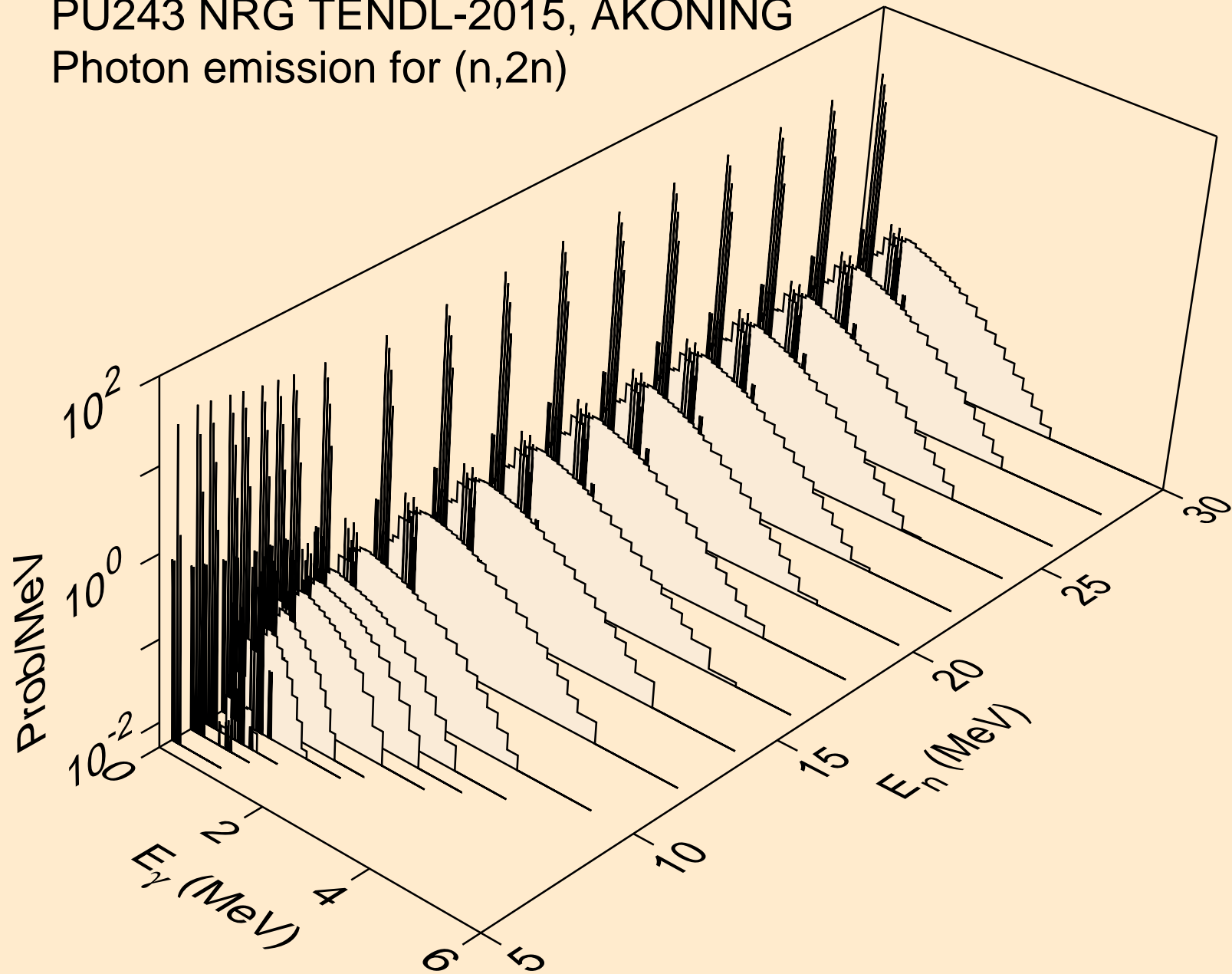
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



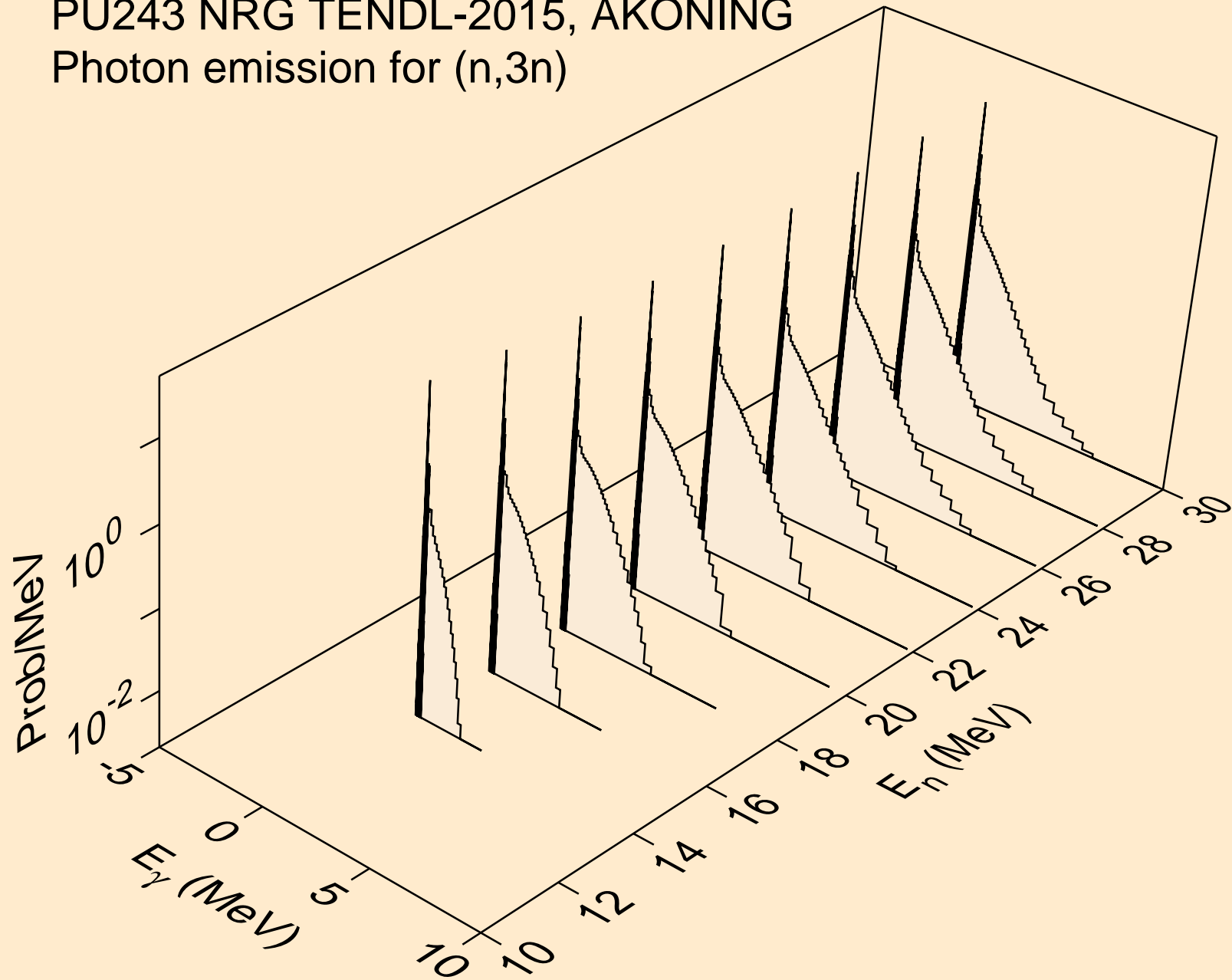
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



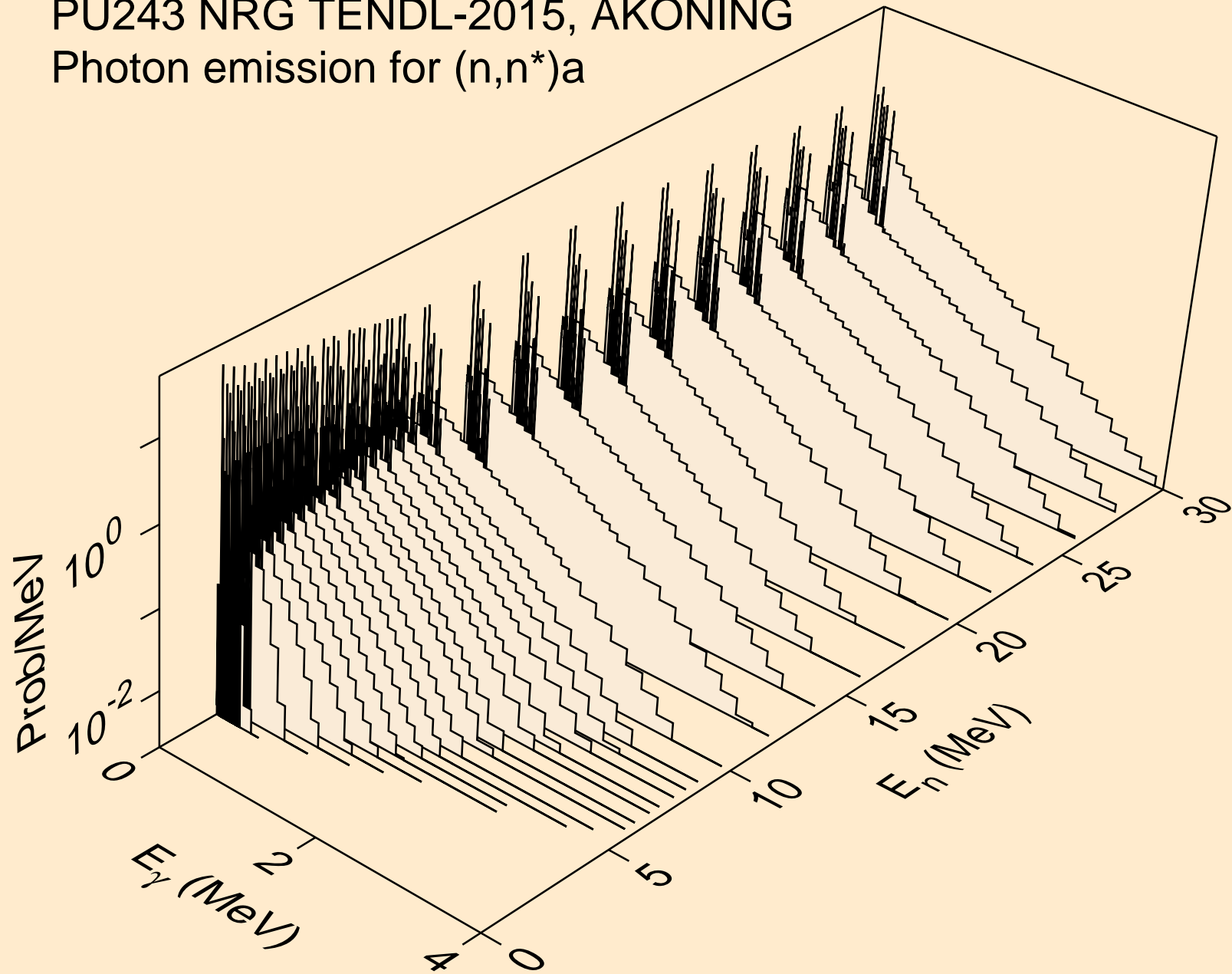
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

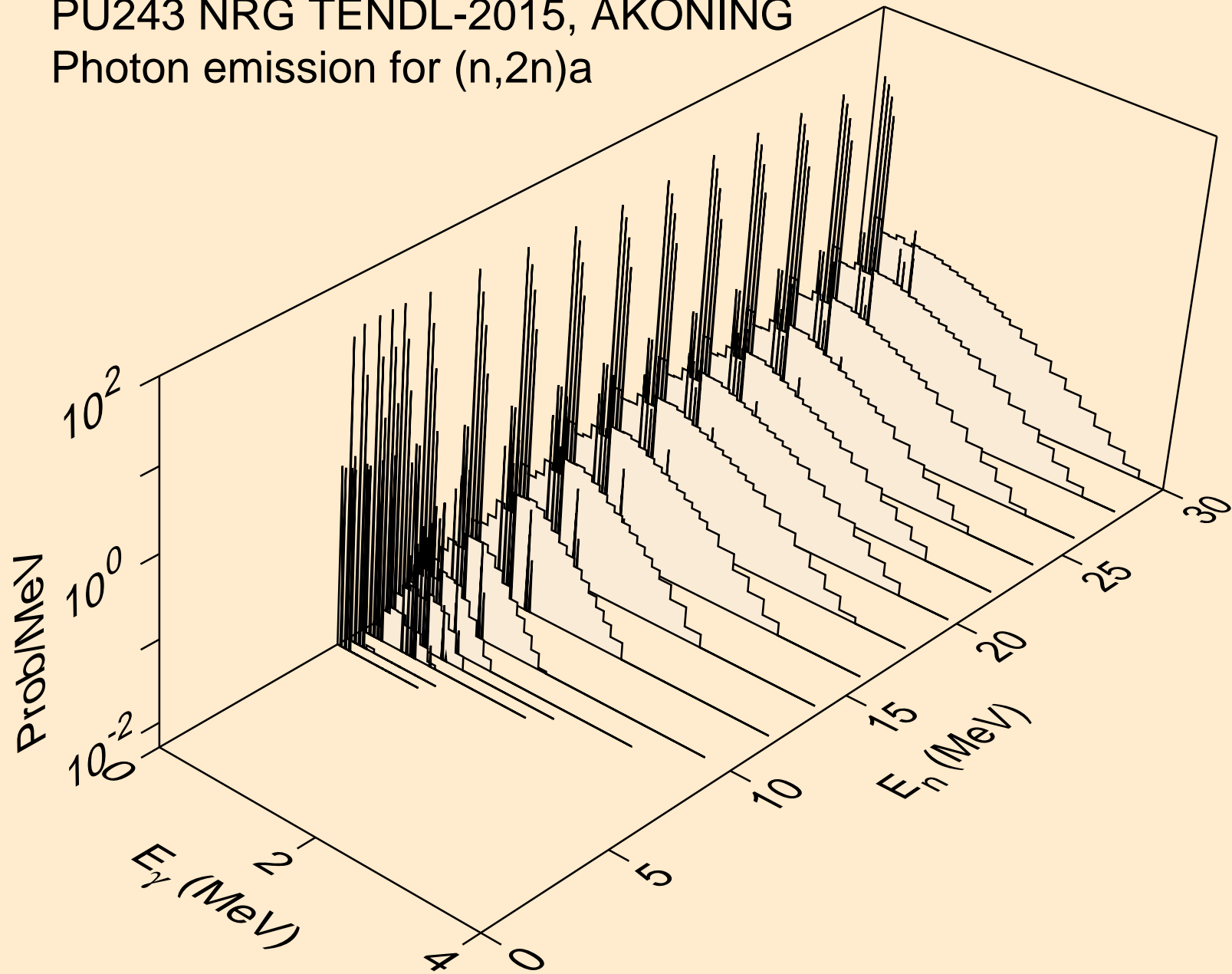


PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

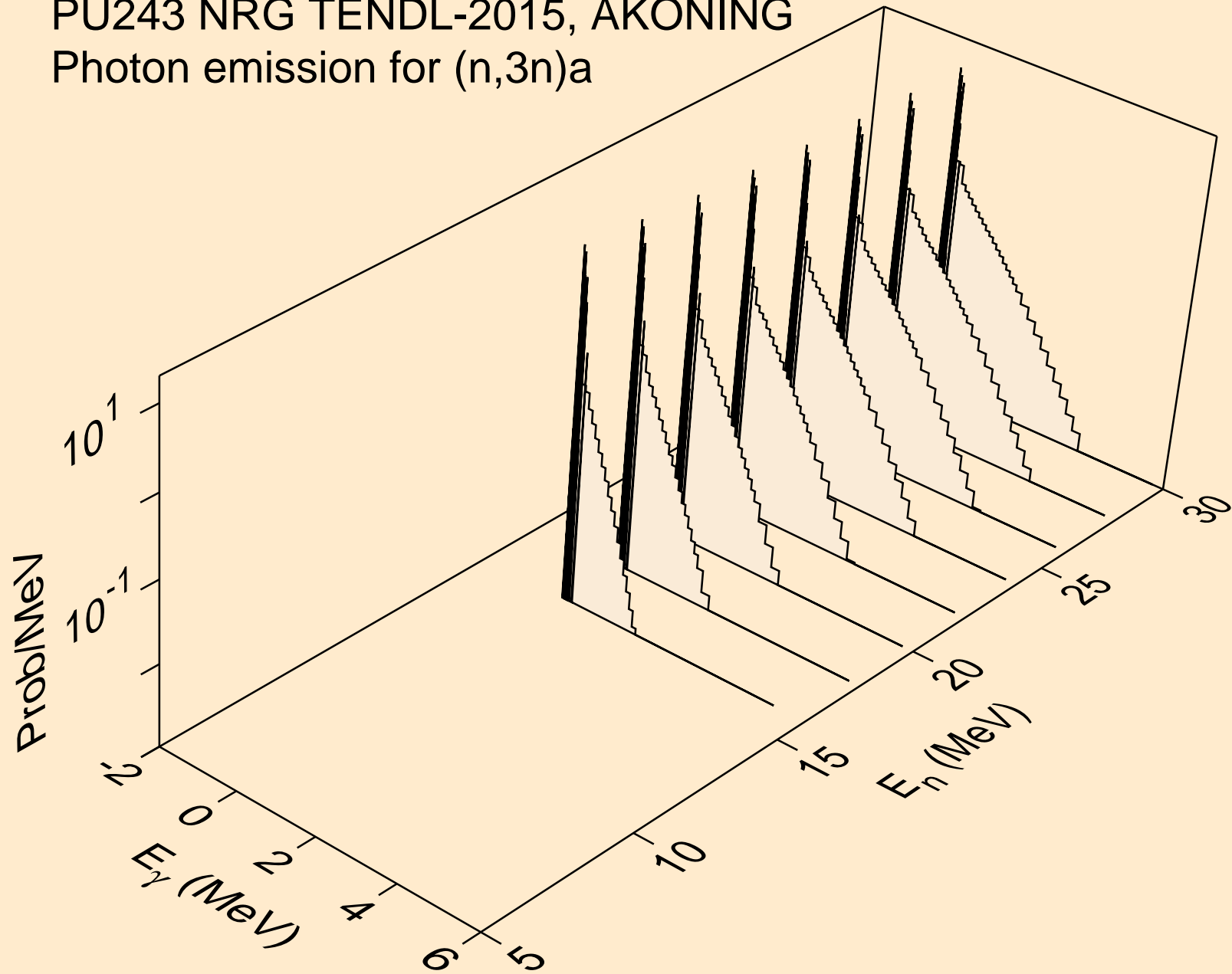




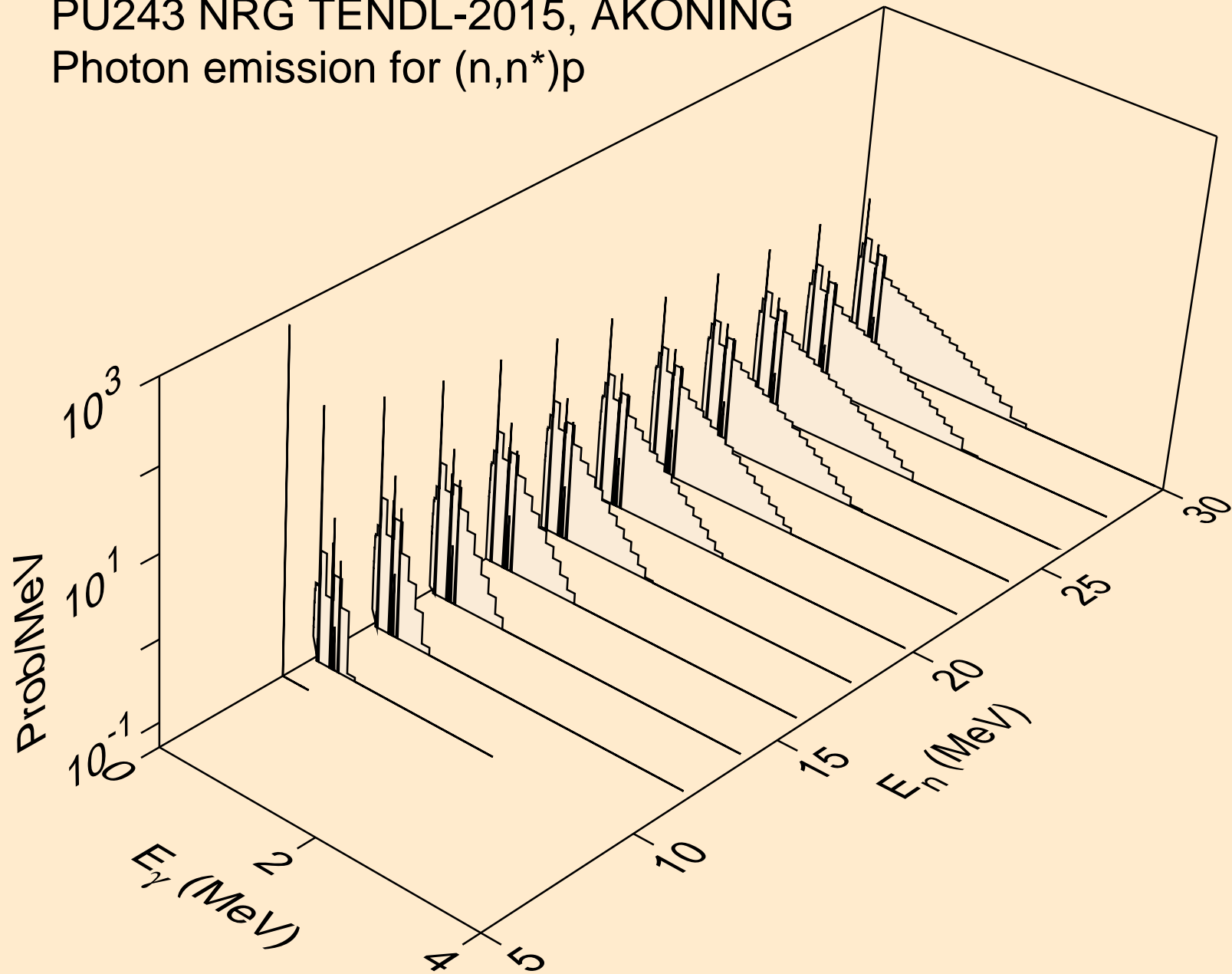
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



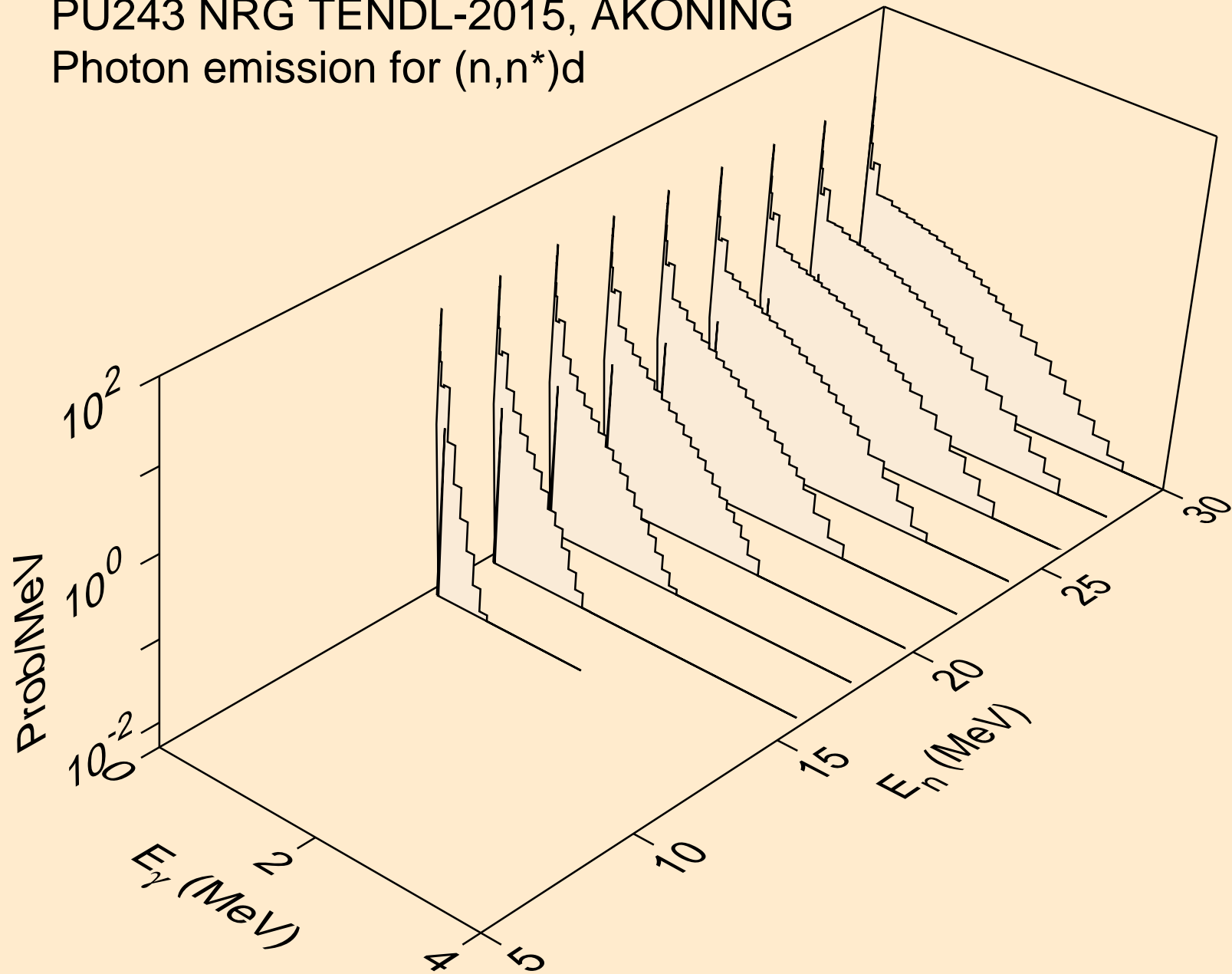
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



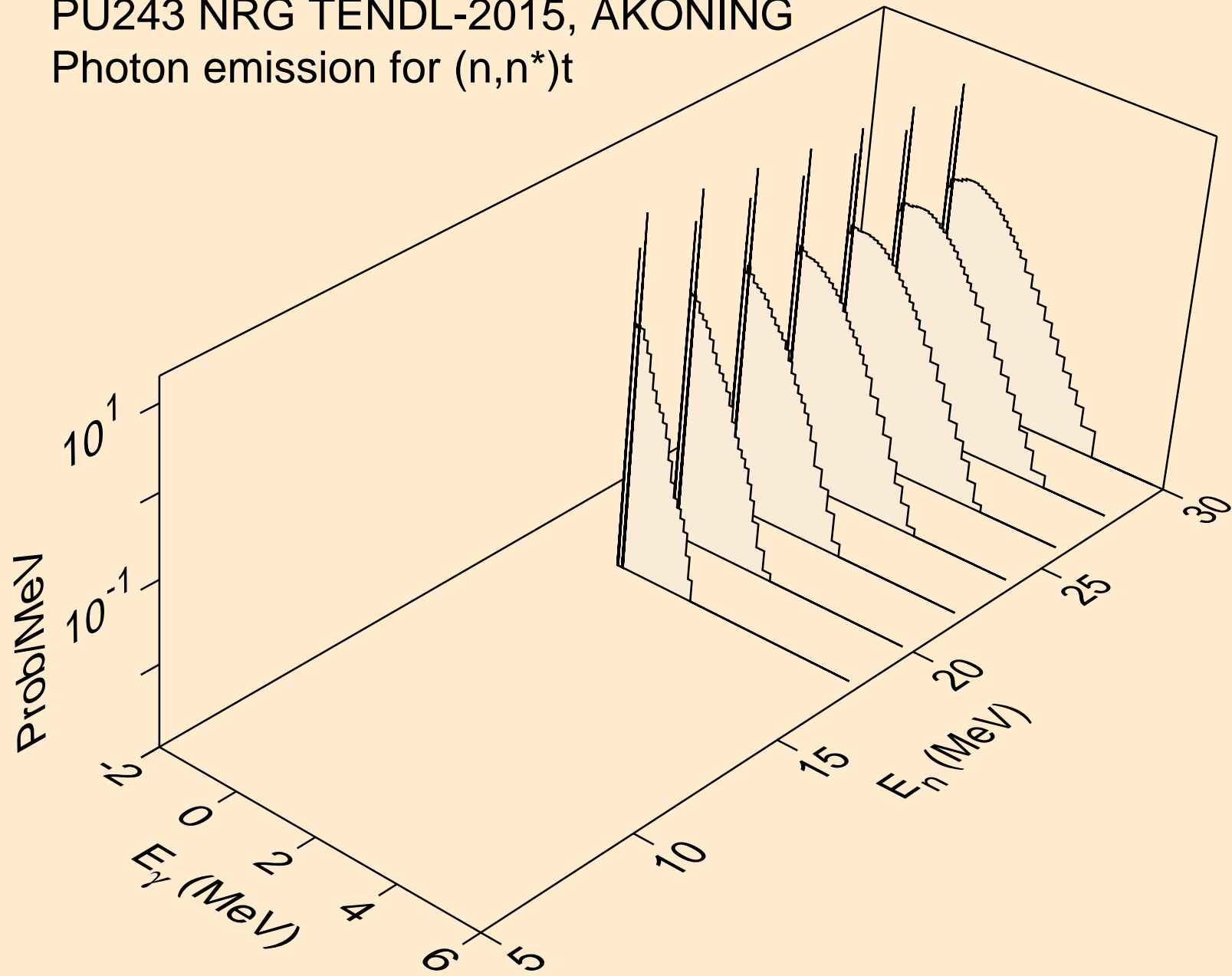
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



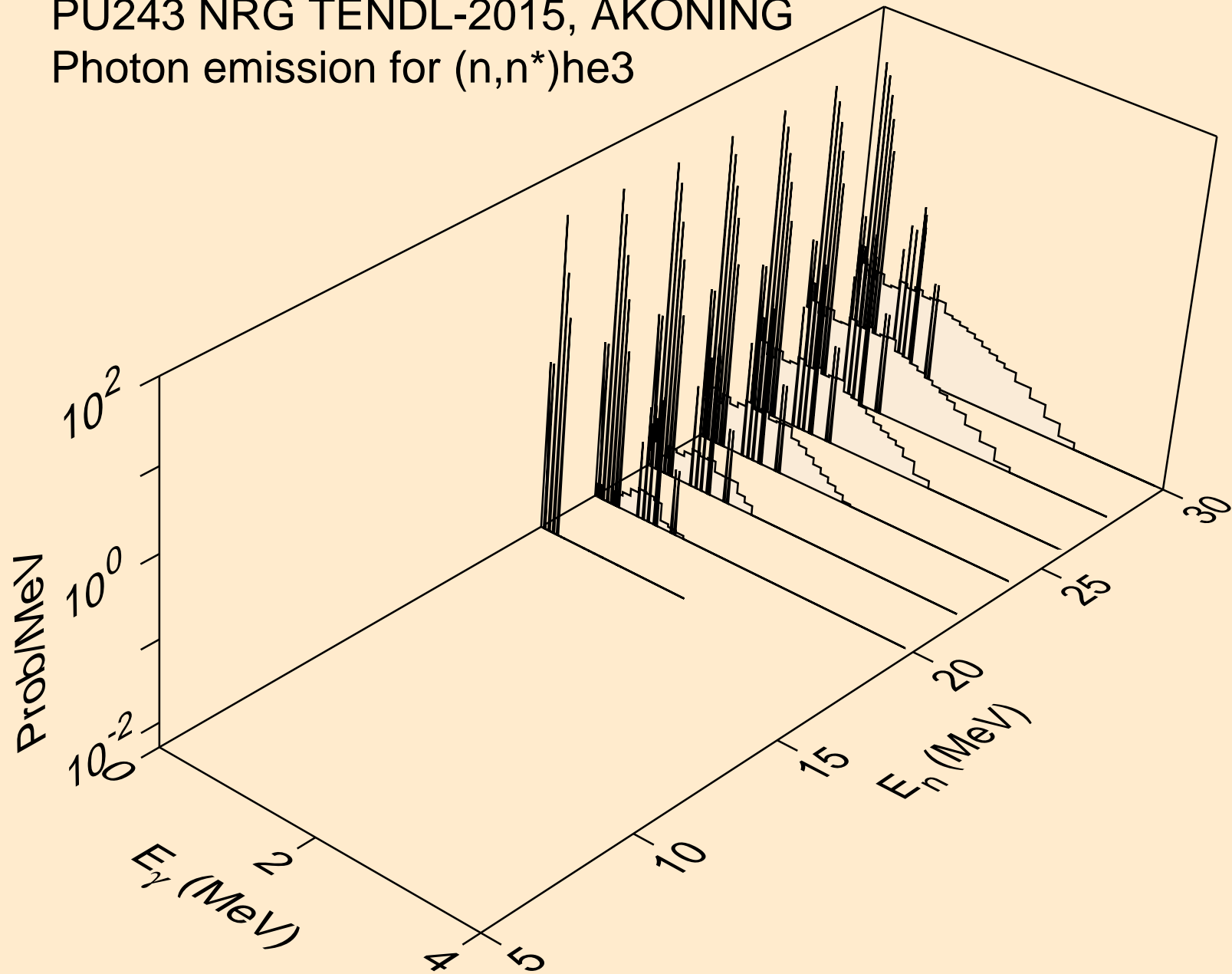
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



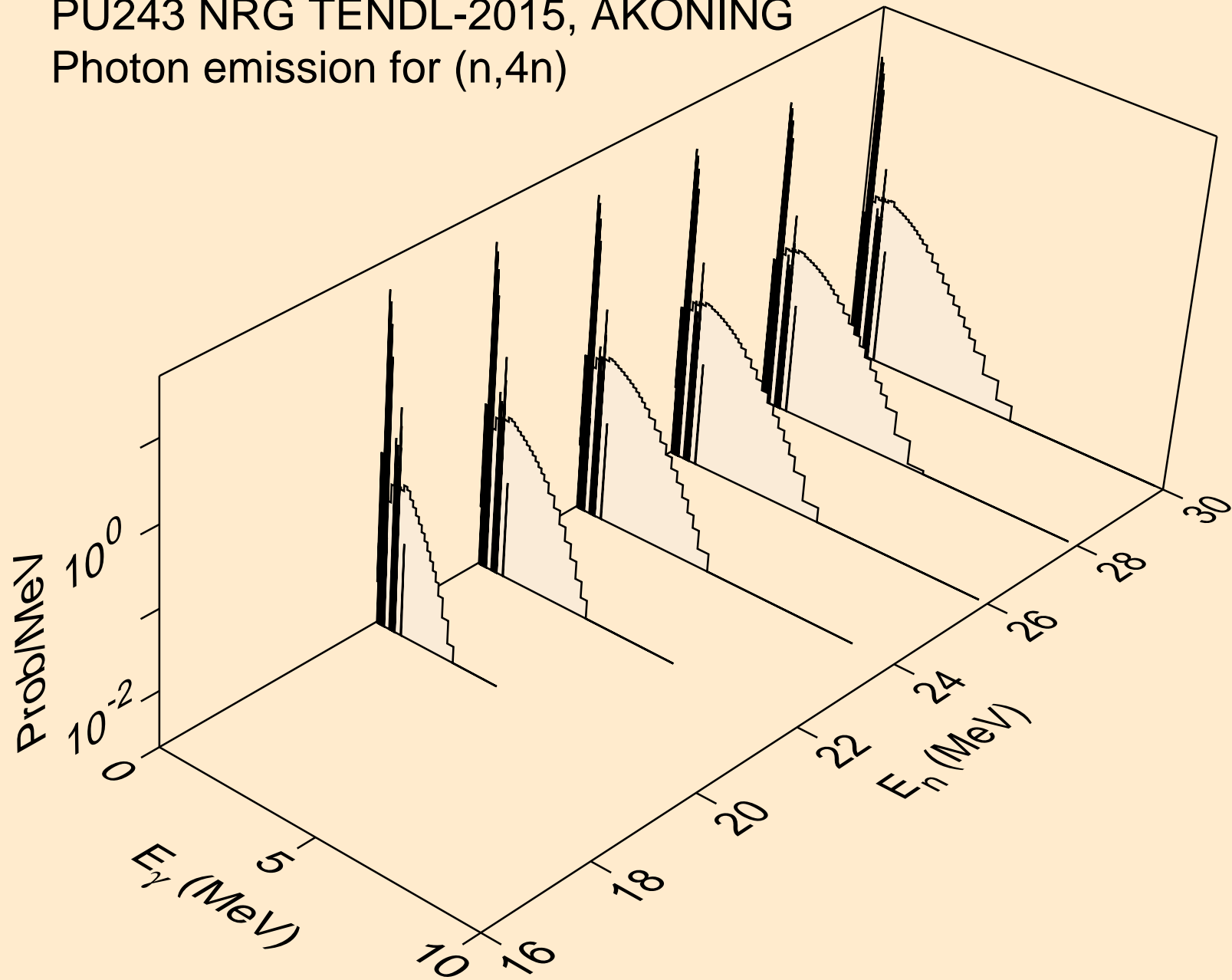
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



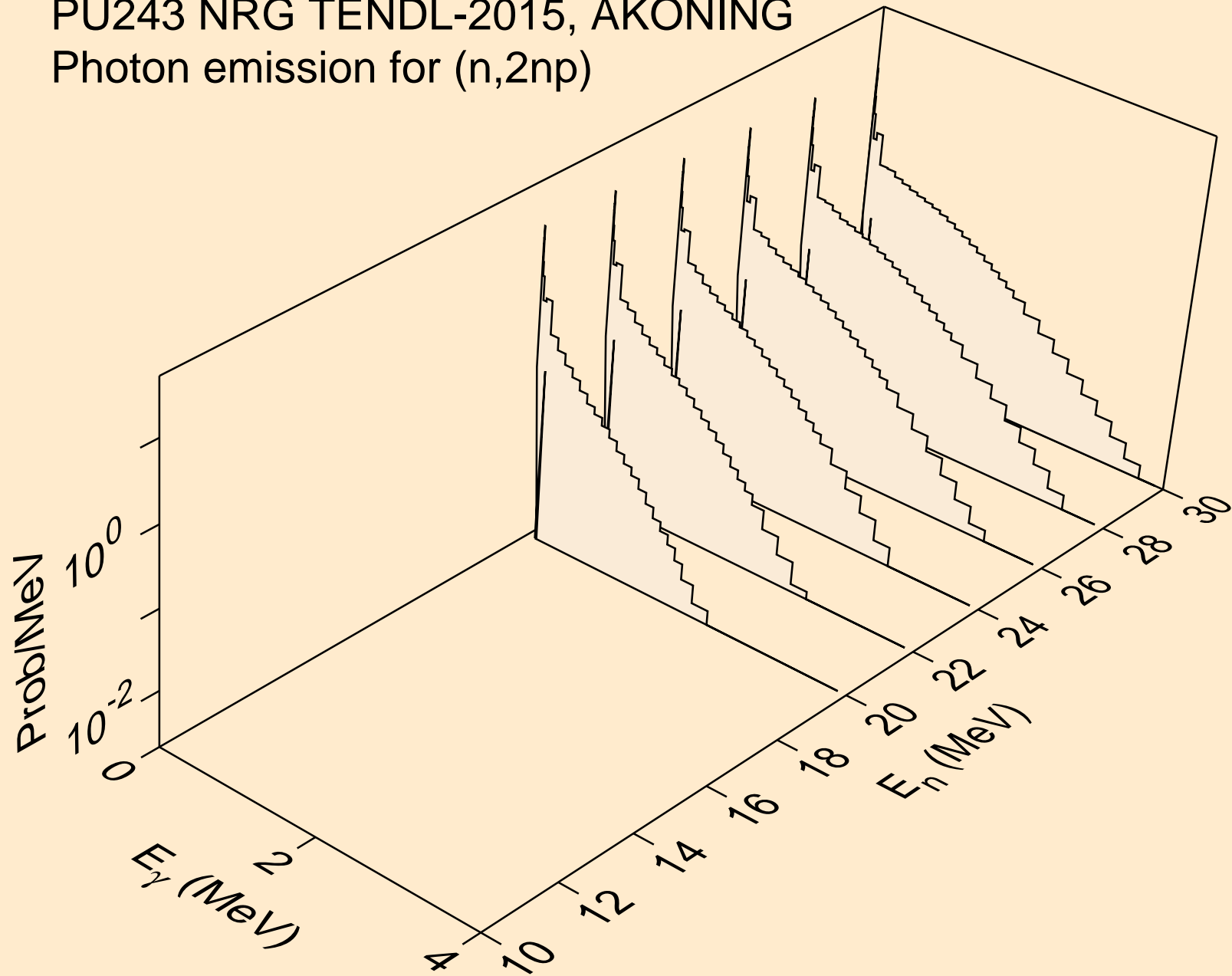
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

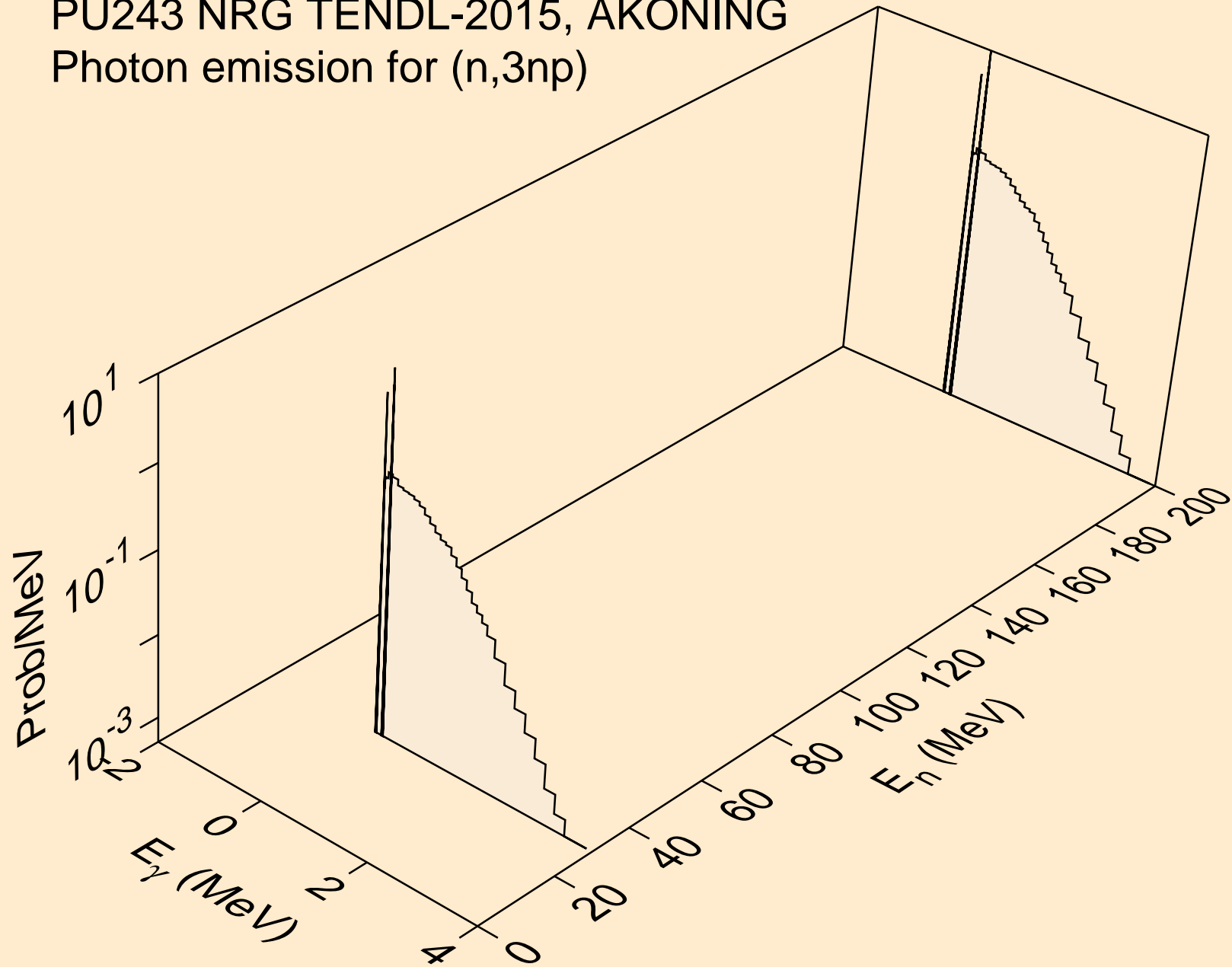


PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

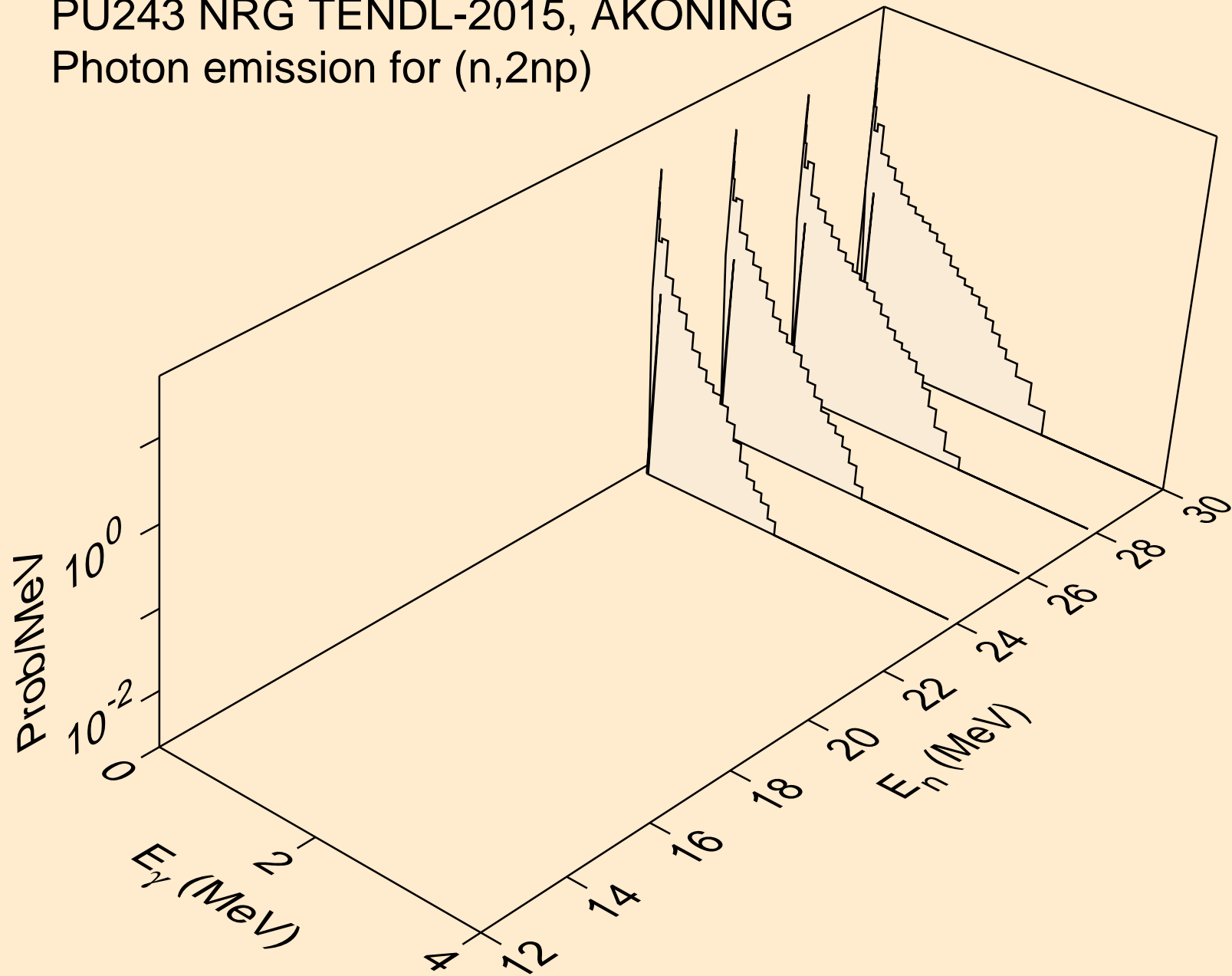




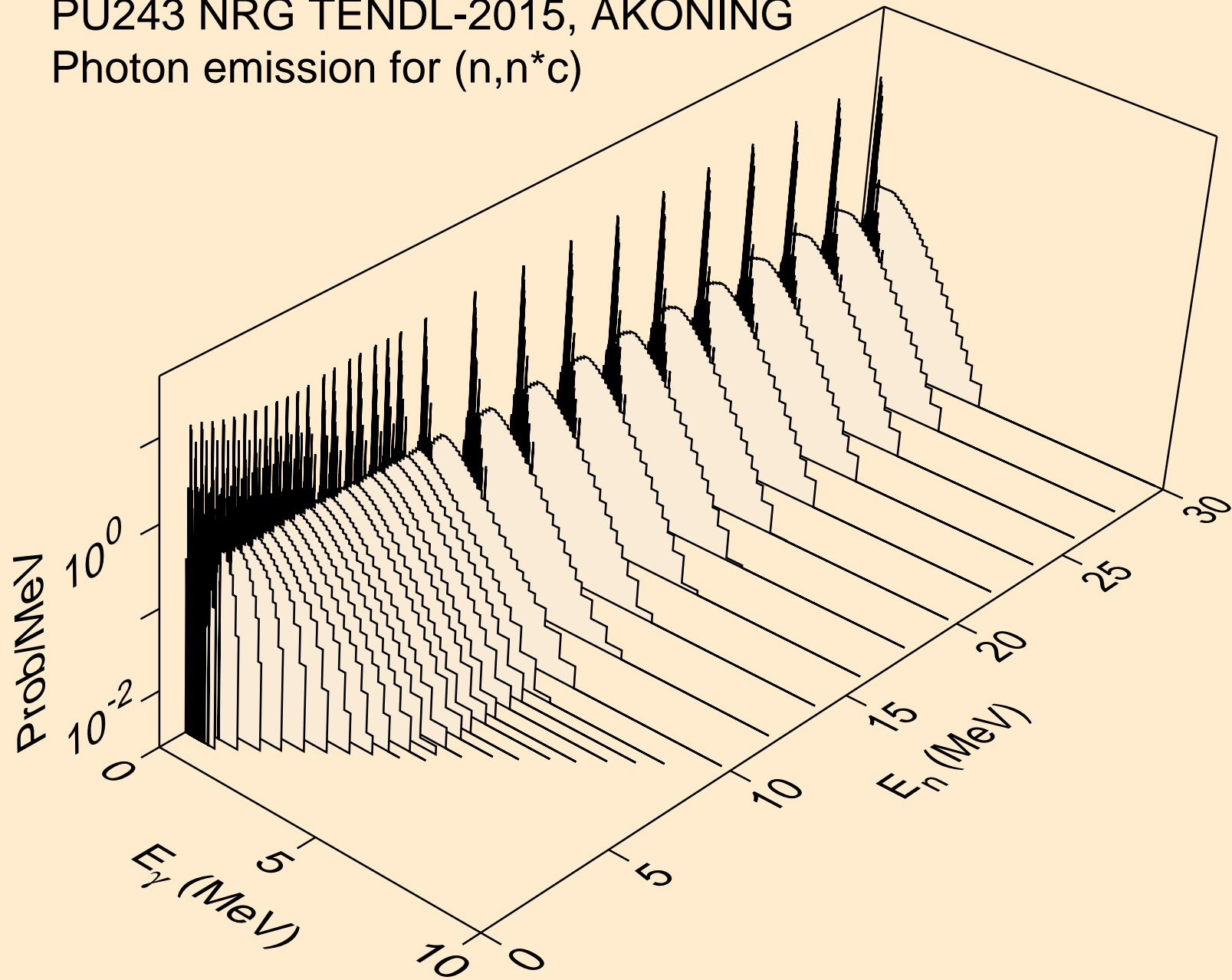
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



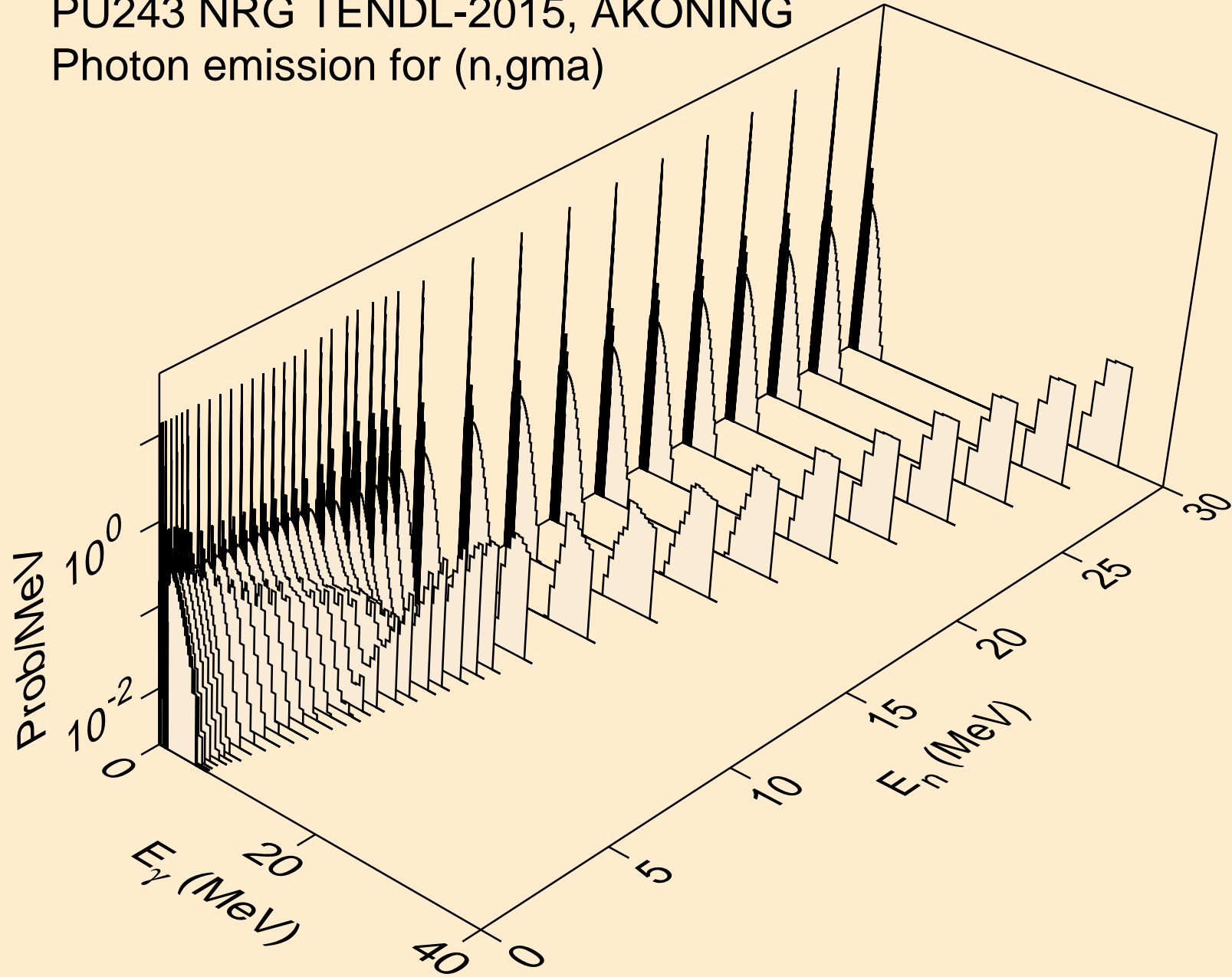
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



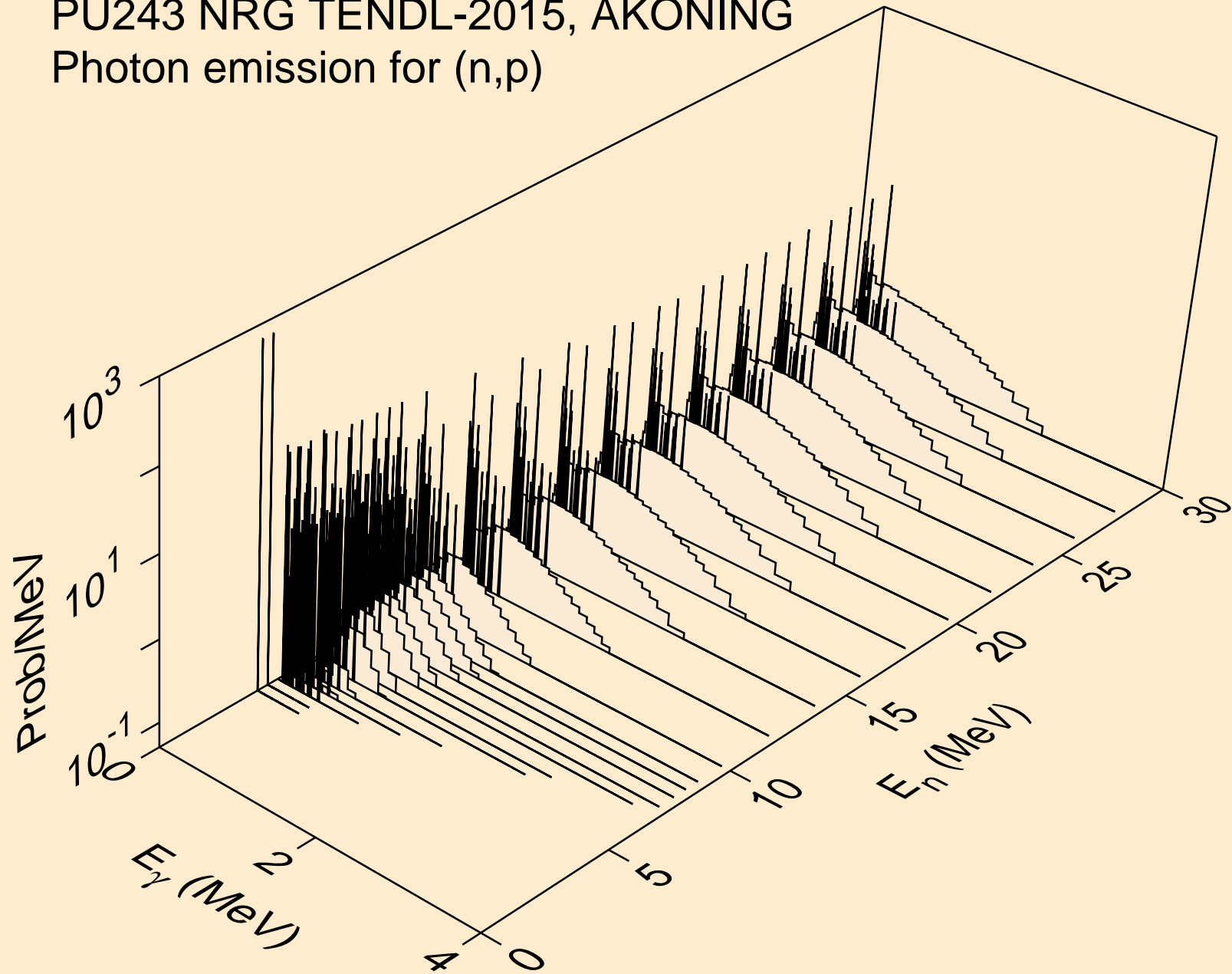
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



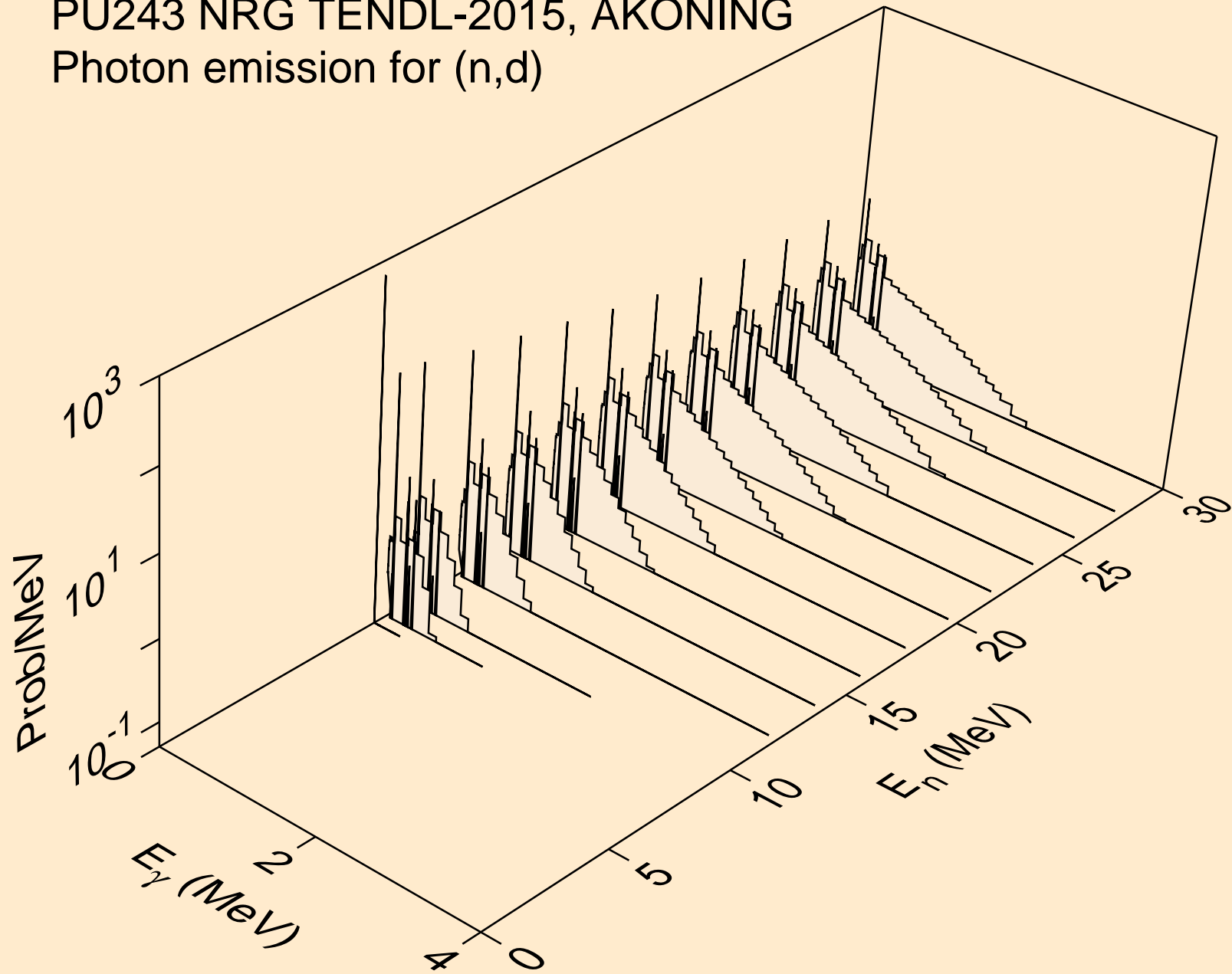
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



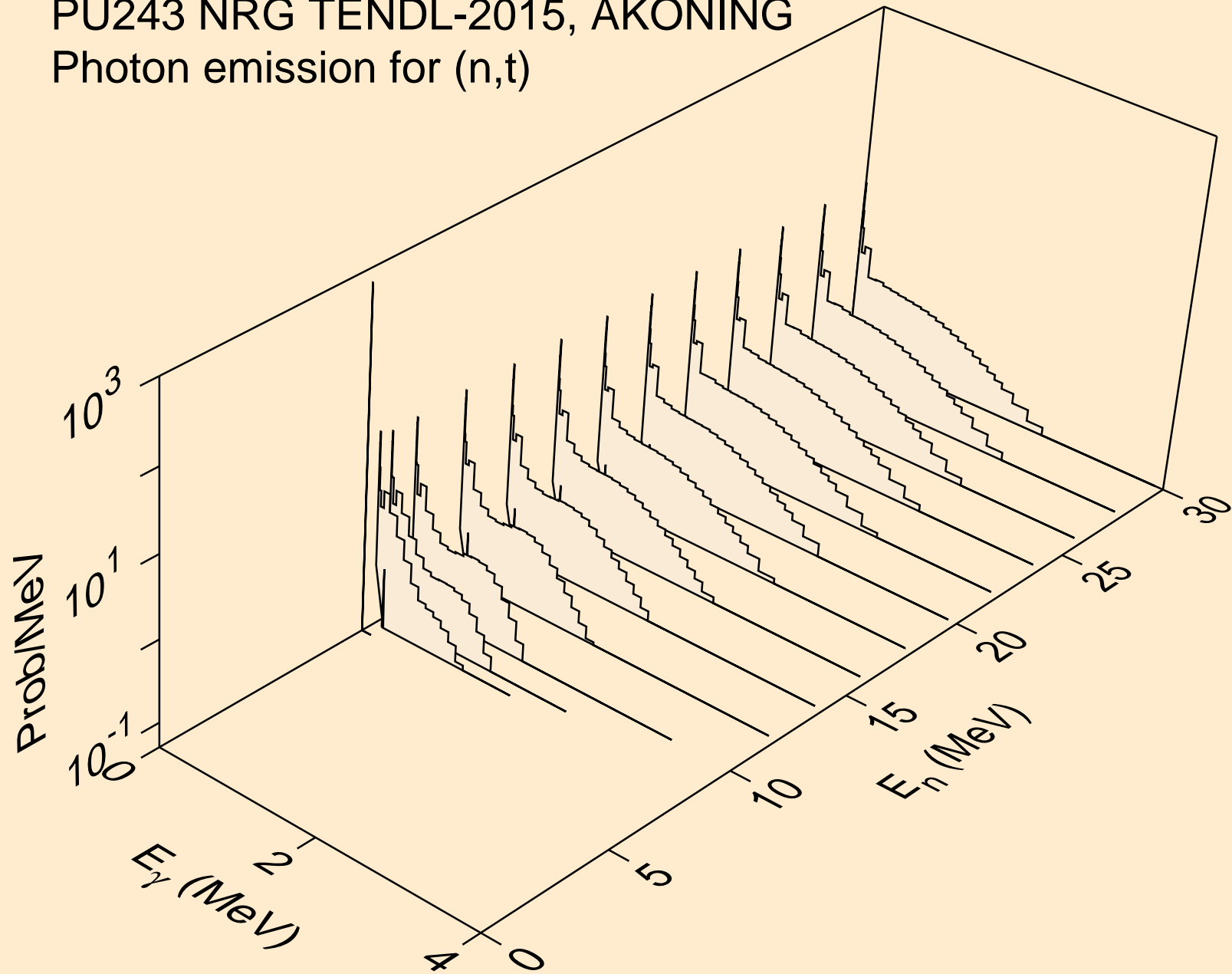
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



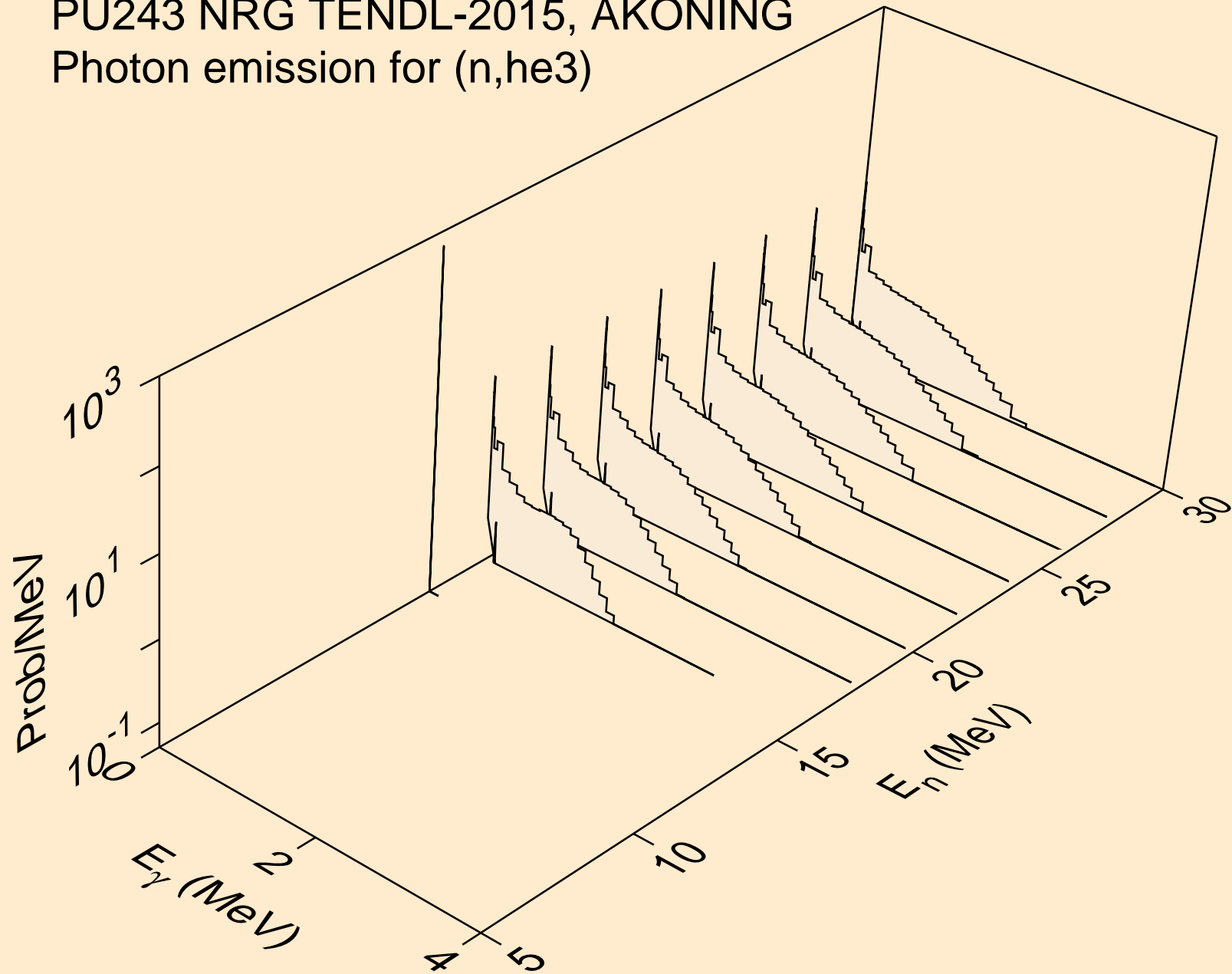
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

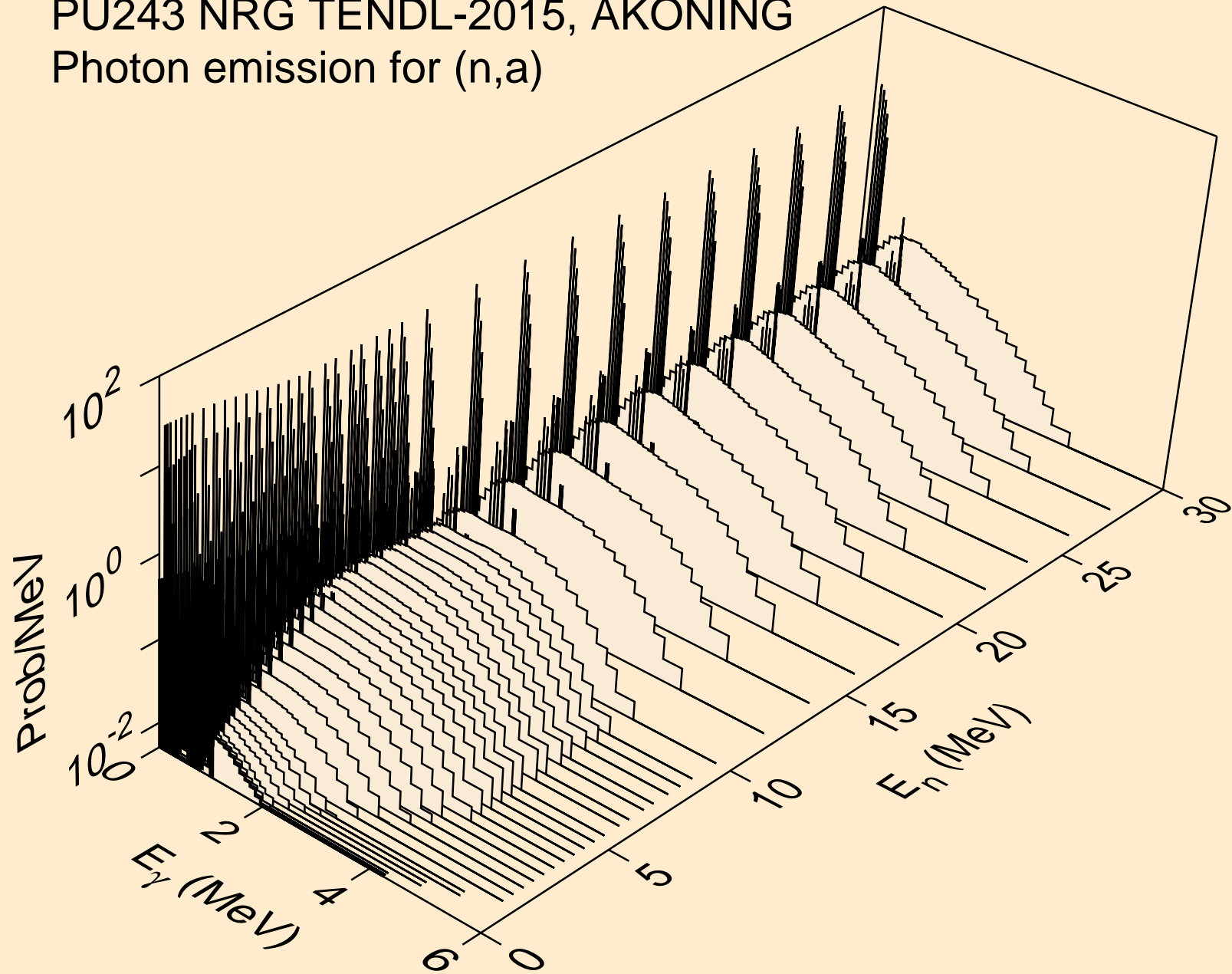


PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

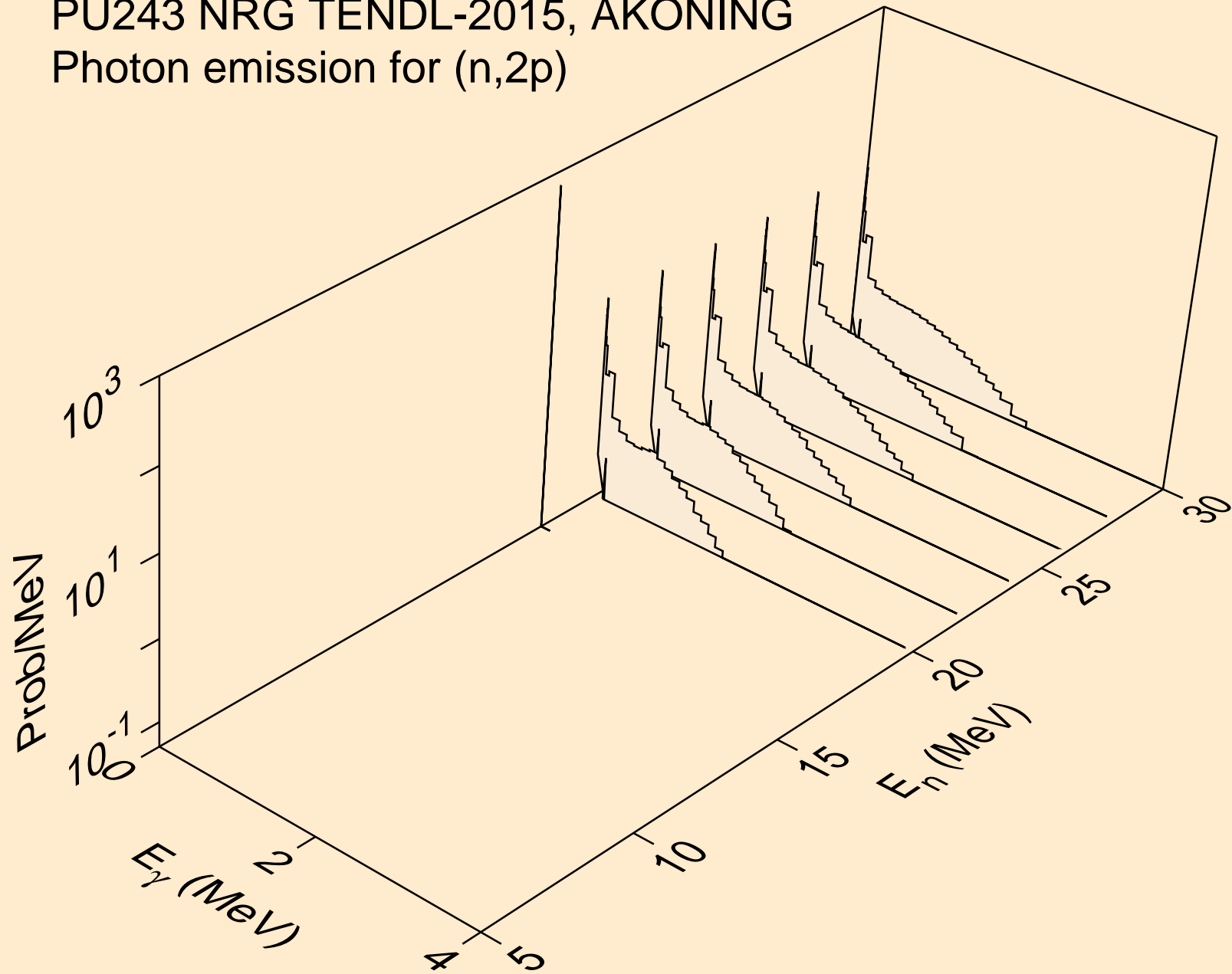




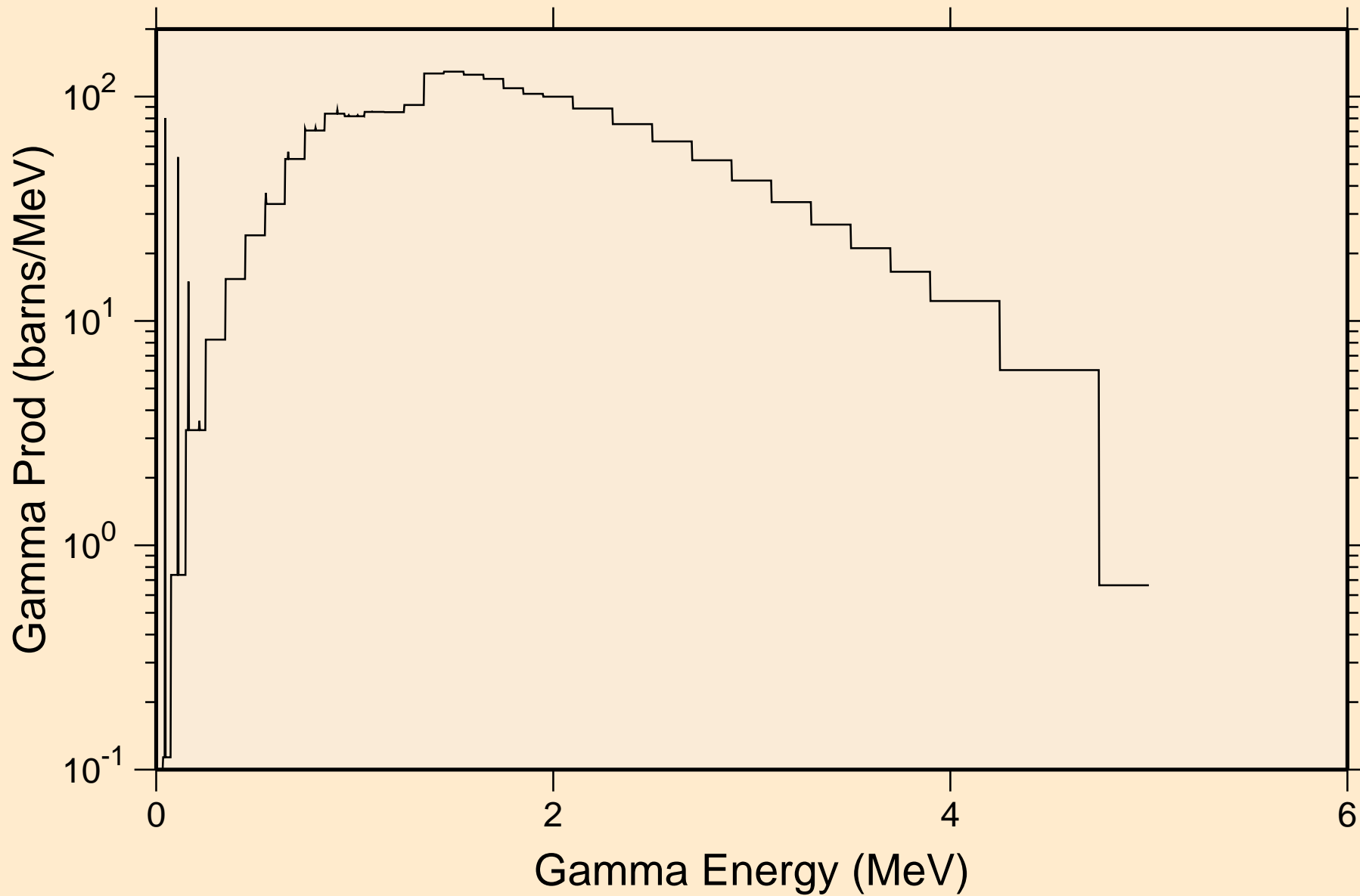
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



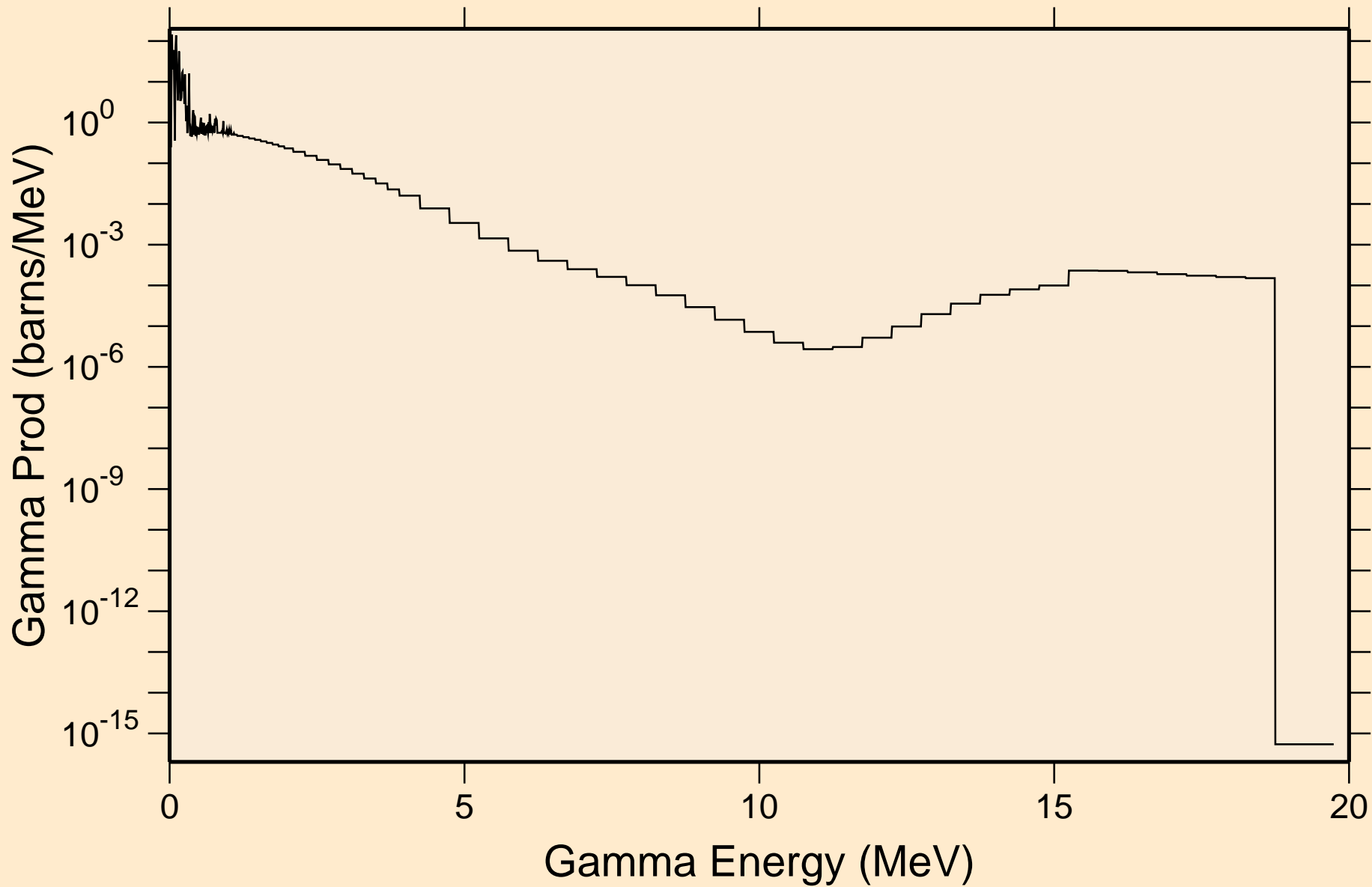
PU243 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



PU243 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

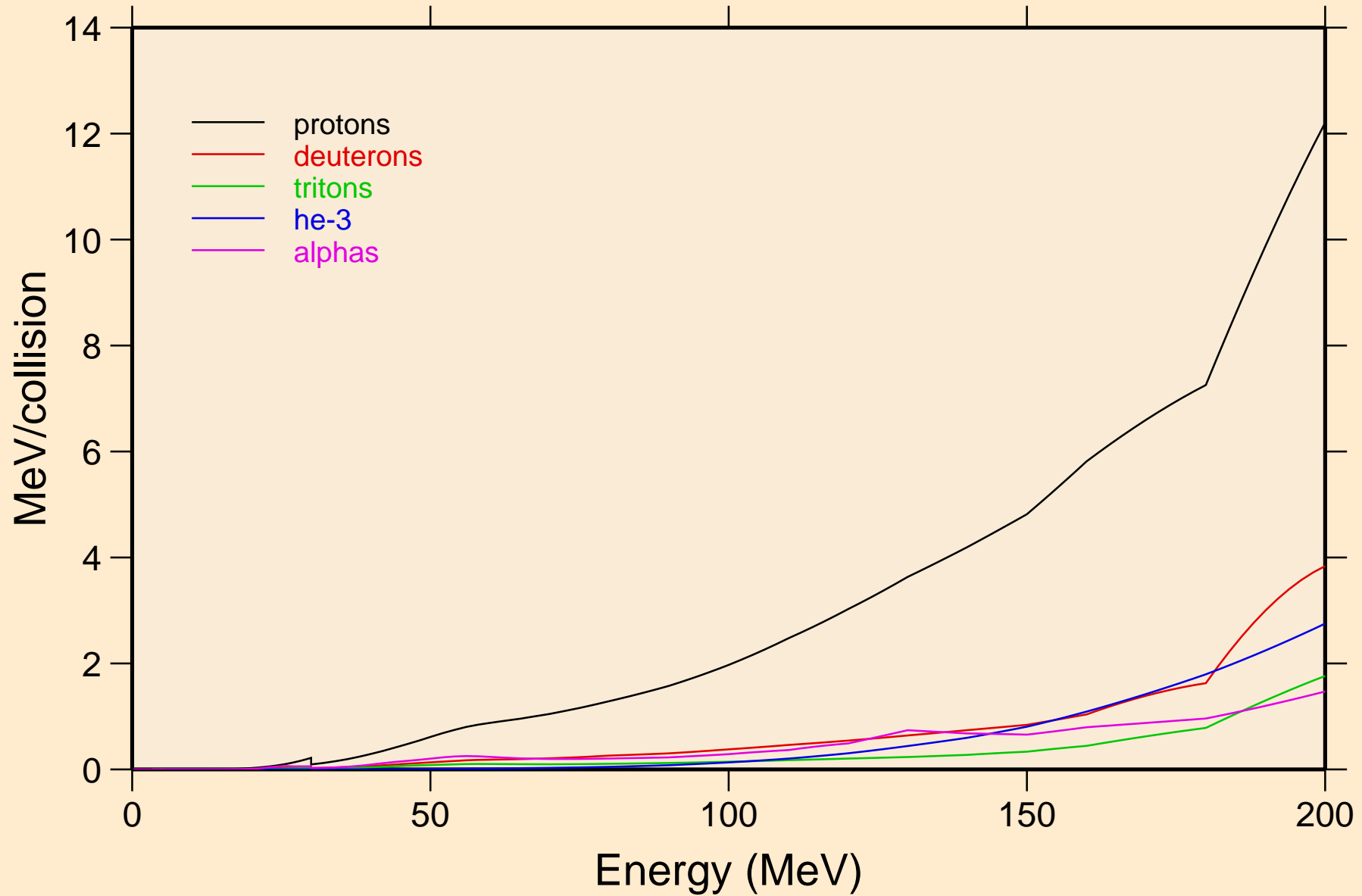


PU243 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



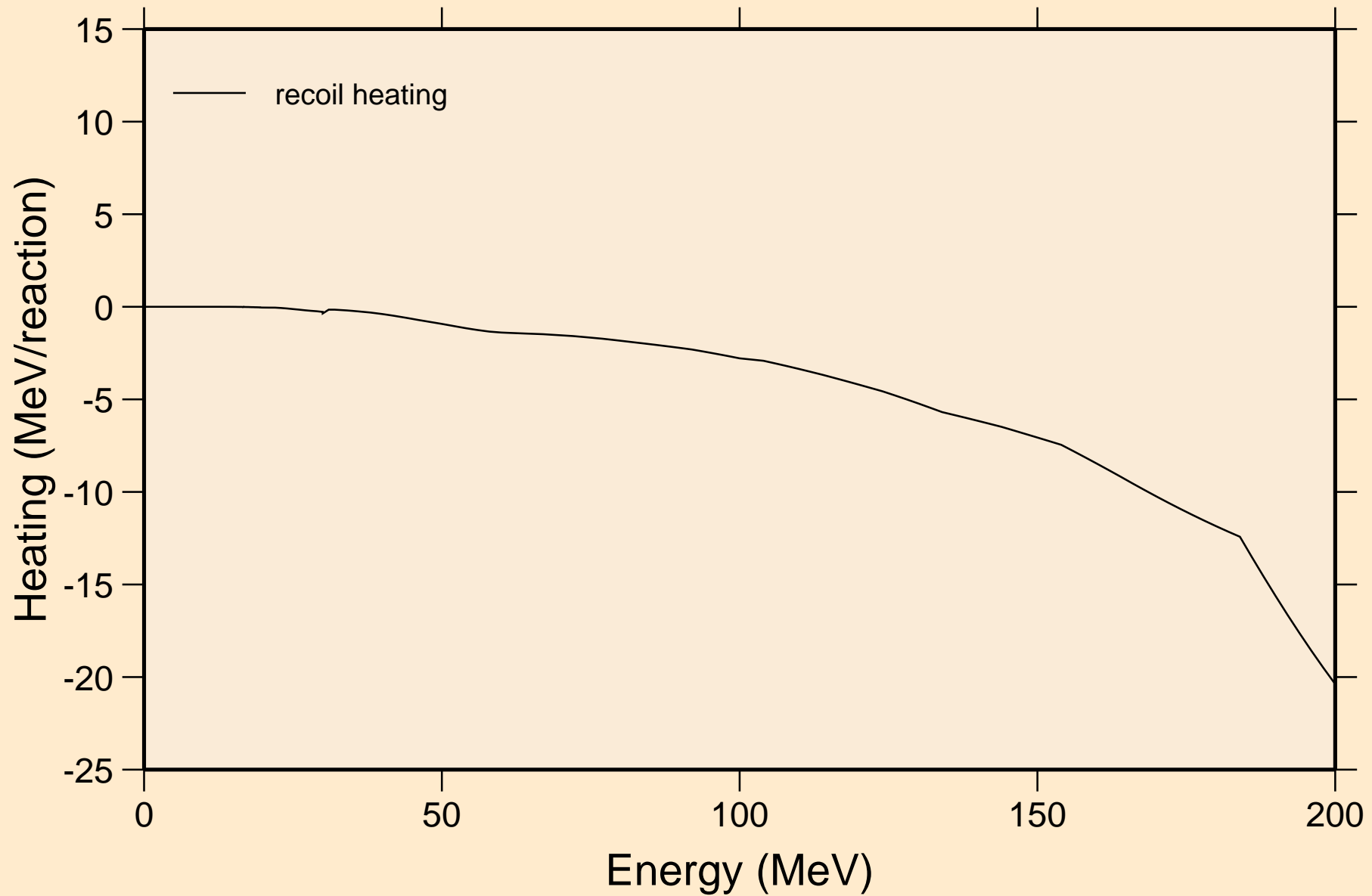
# PU243 NRG TENDL-2015, AKONING

## Particle heating contributions



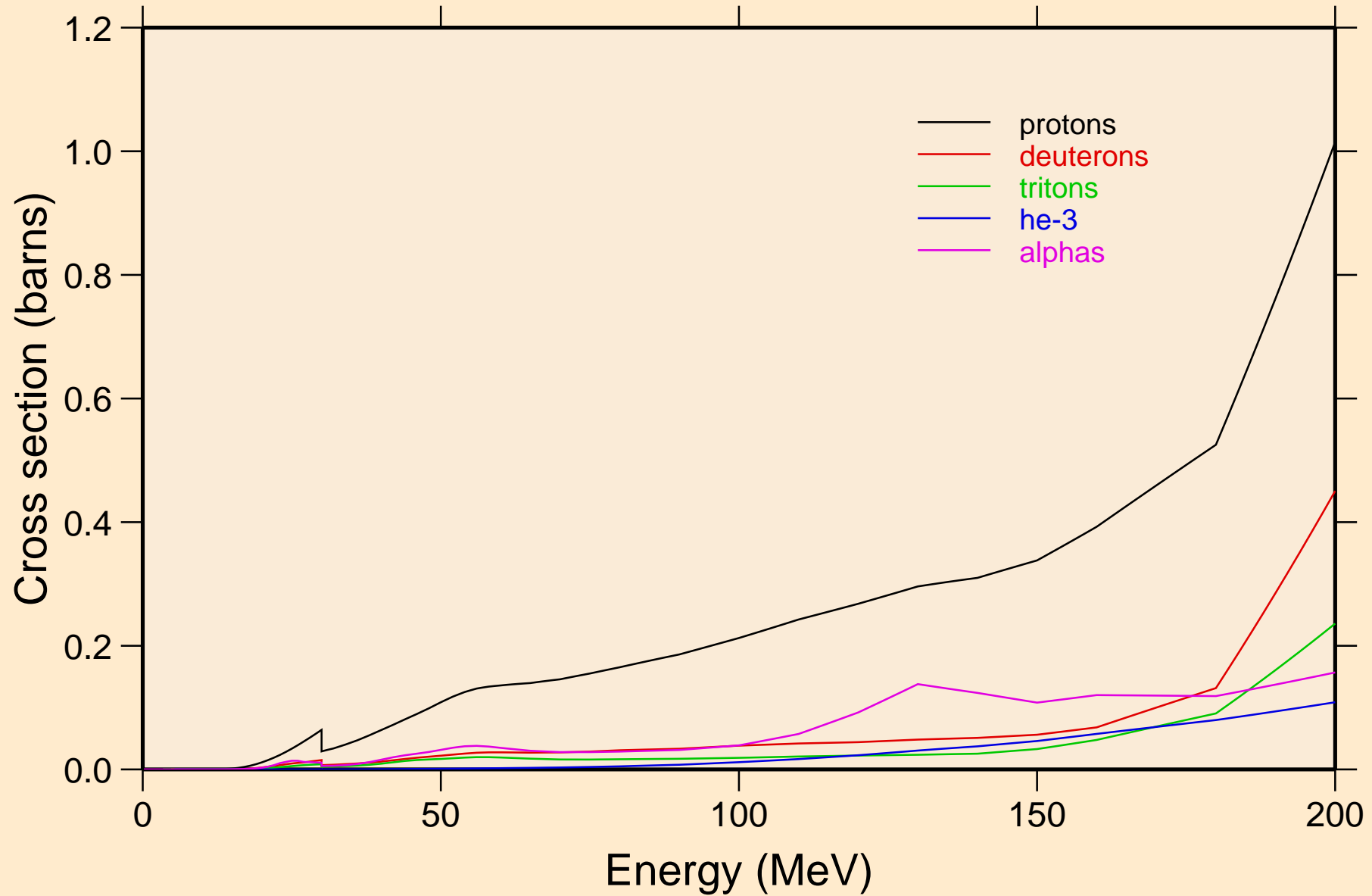
# PU243 NRG TENDL-2015, AKONING

## Recoil Heating

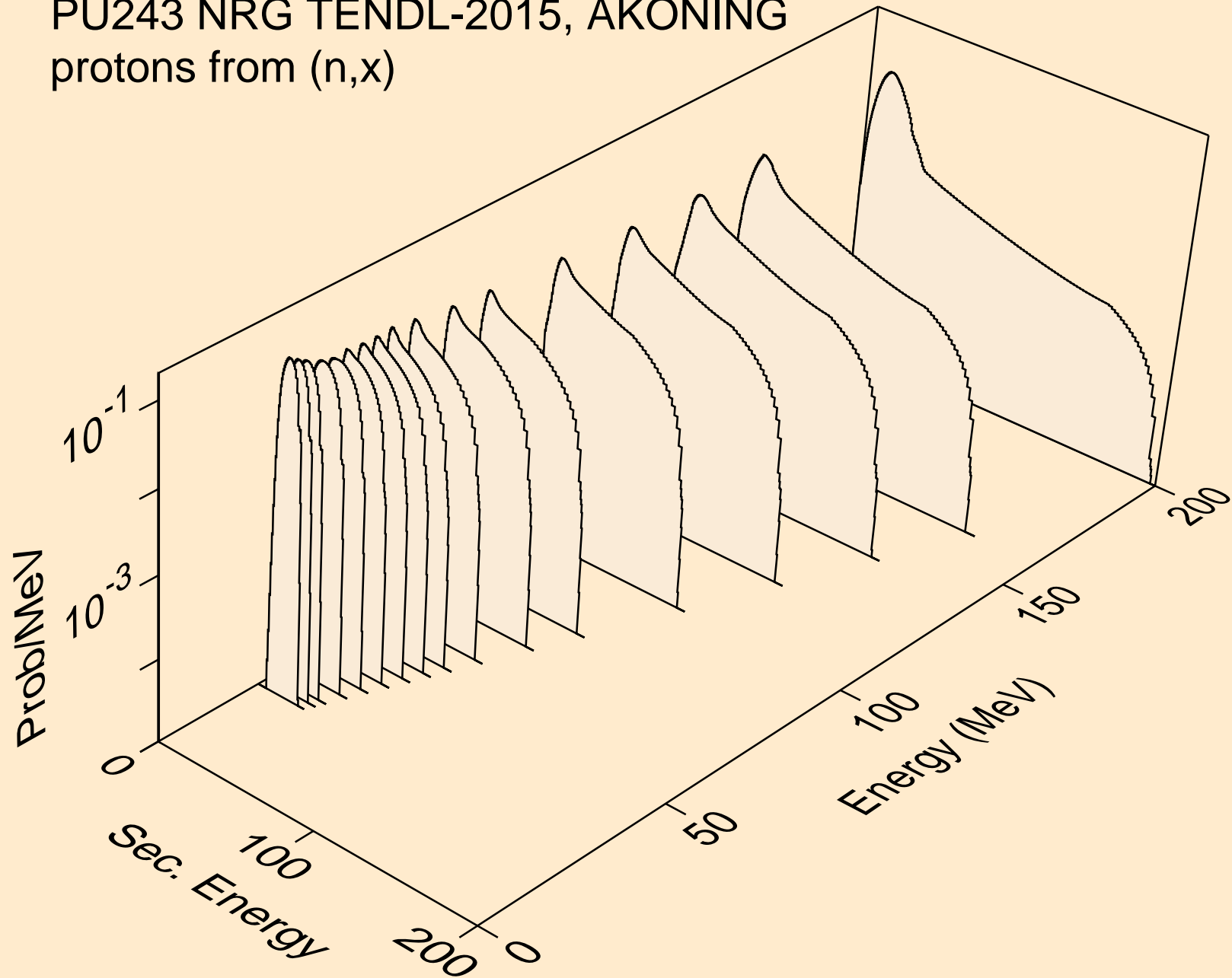


# PU243 NRG TENDL-2015, AKONING

## Particle production cross sections

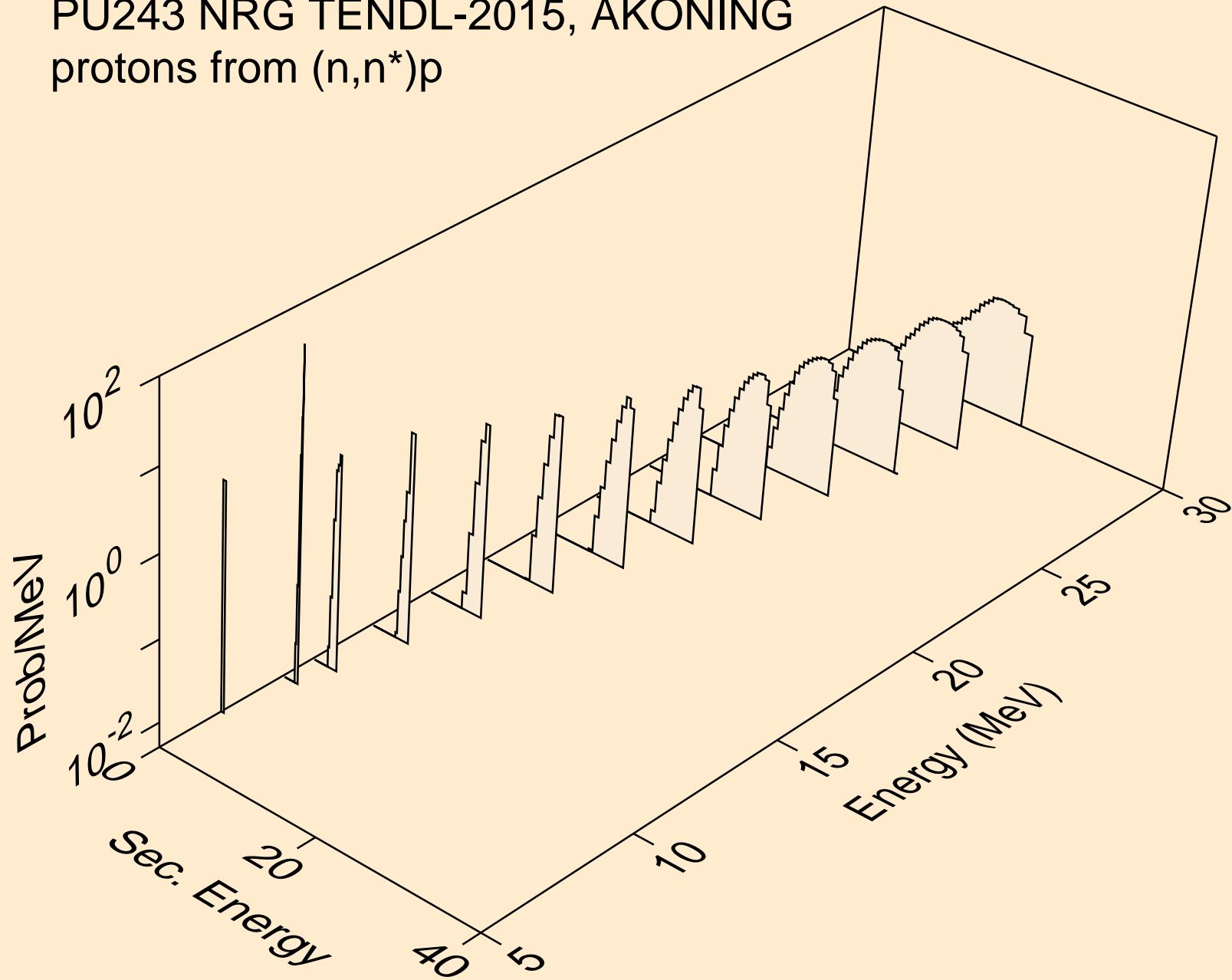


PU243 NRG TENDL-2015, AKONING  
protons from (n,x)

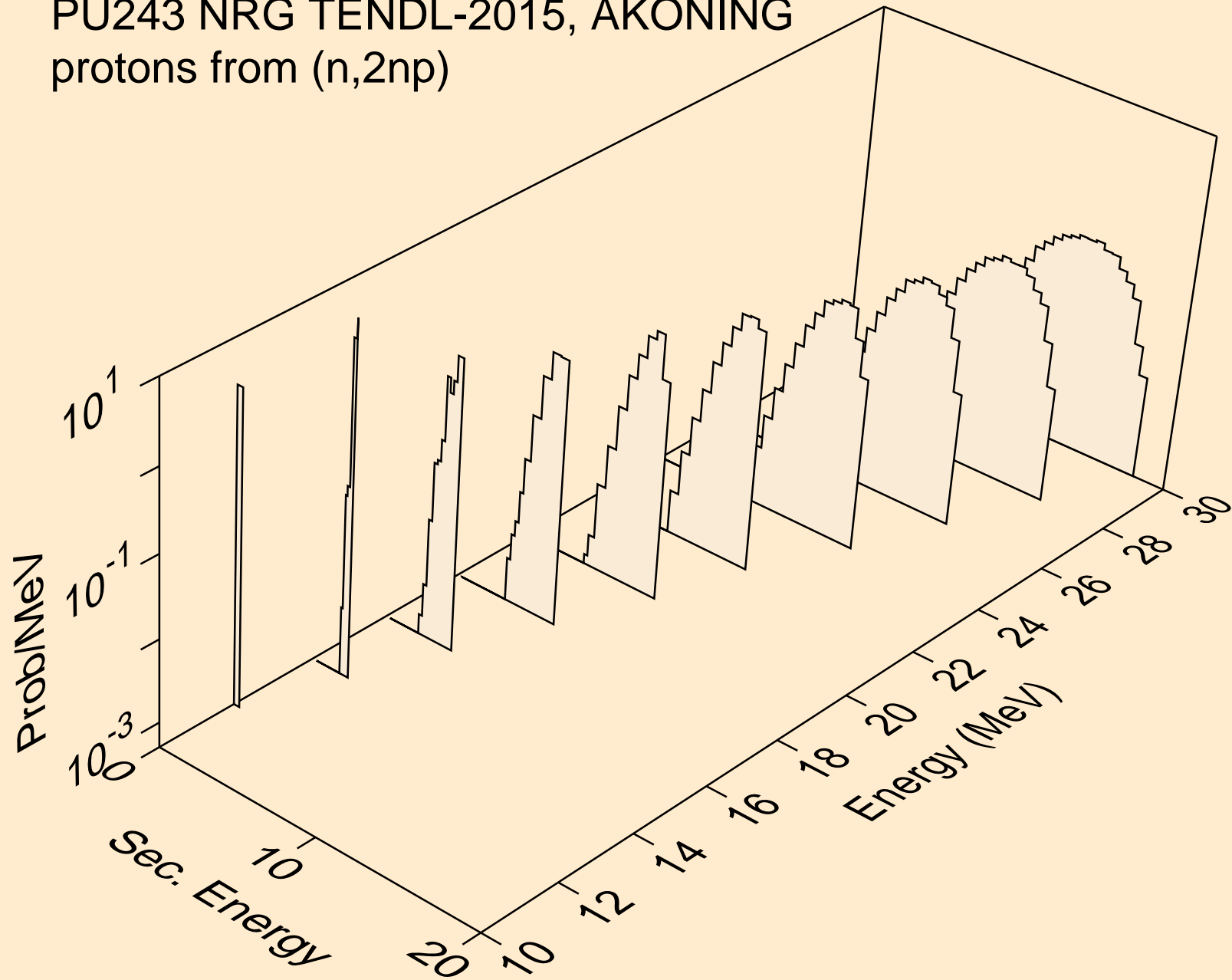




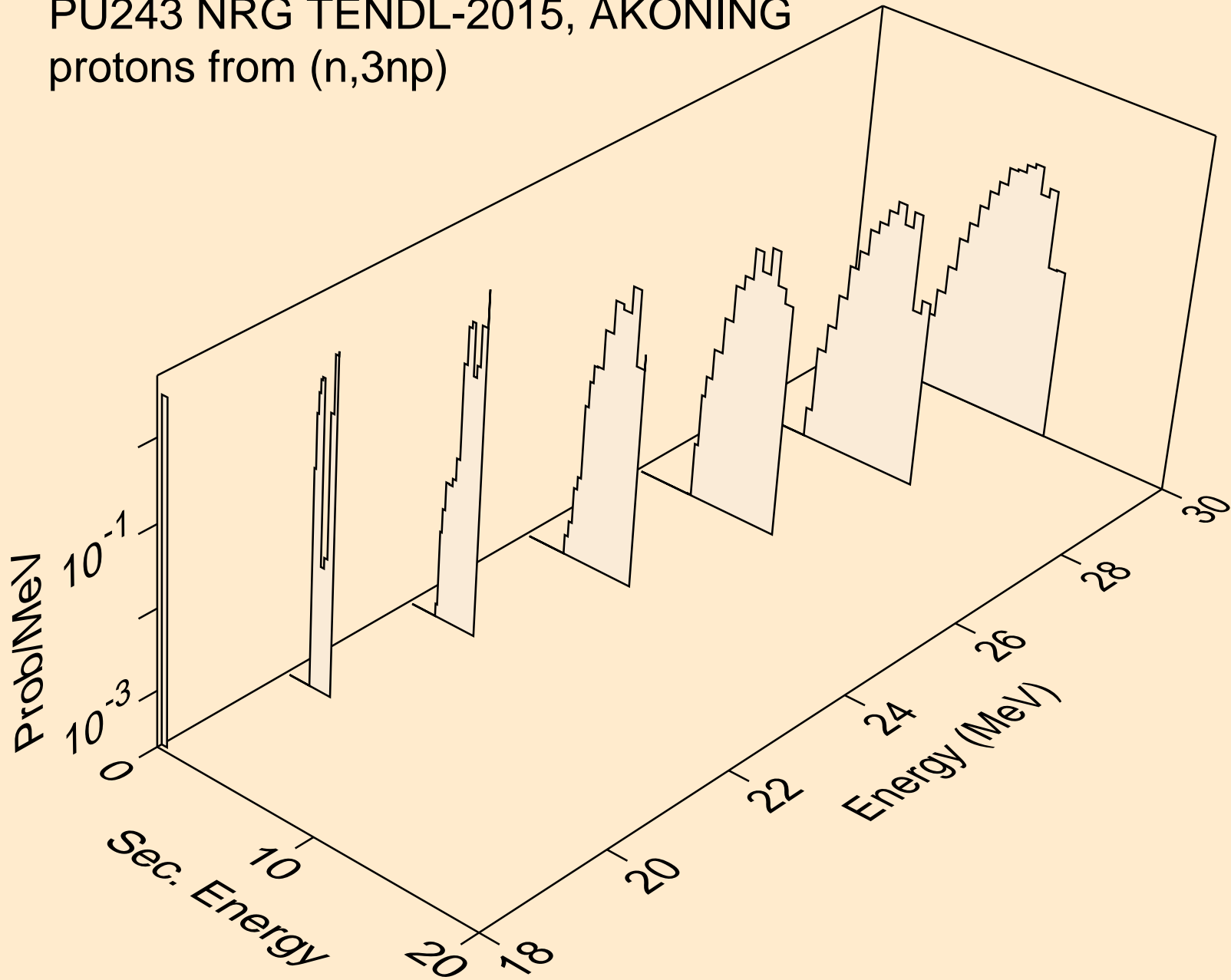
PU243 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



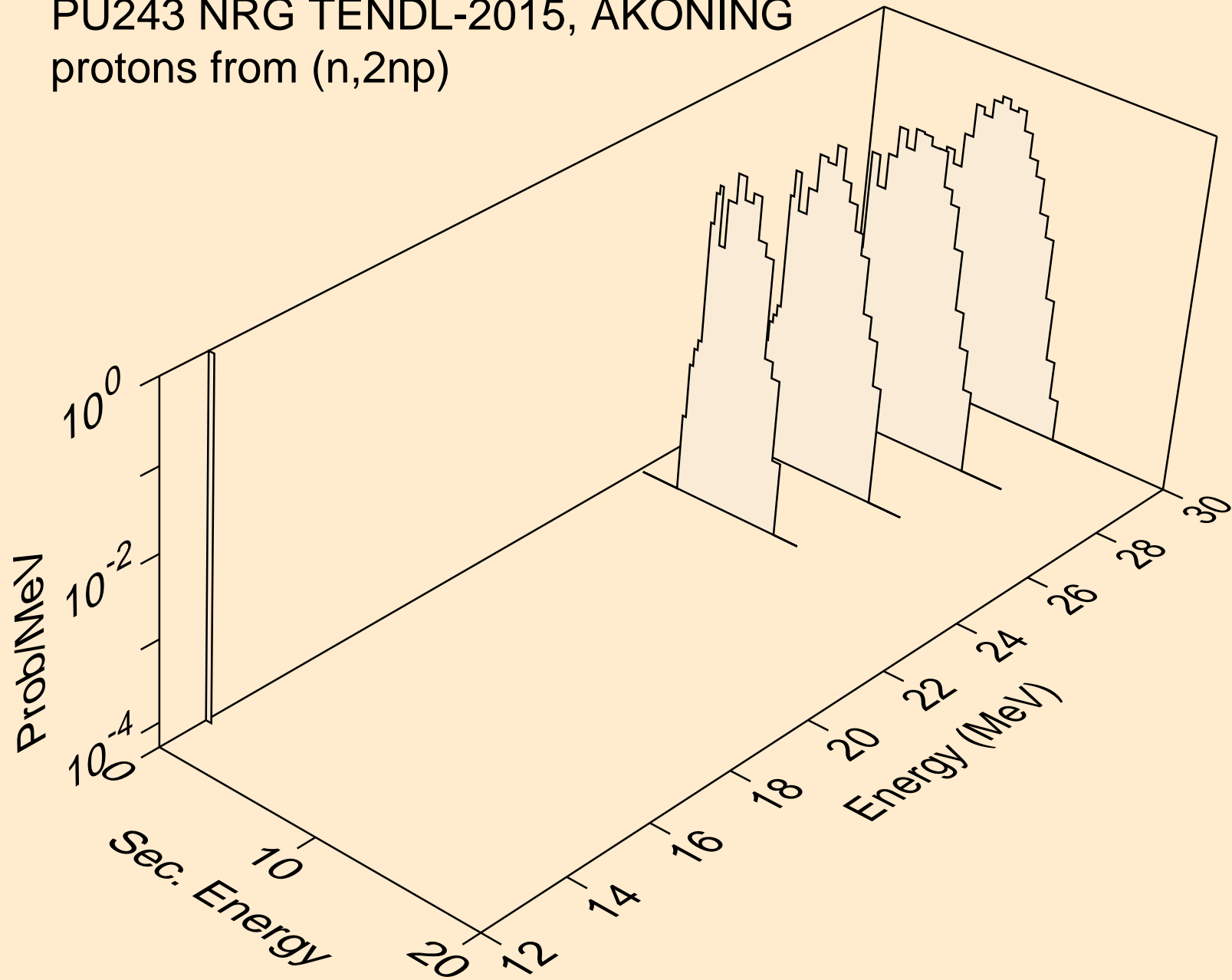
PU243 NRG TENDL-2015, AKONING  
protons from (n,2np)



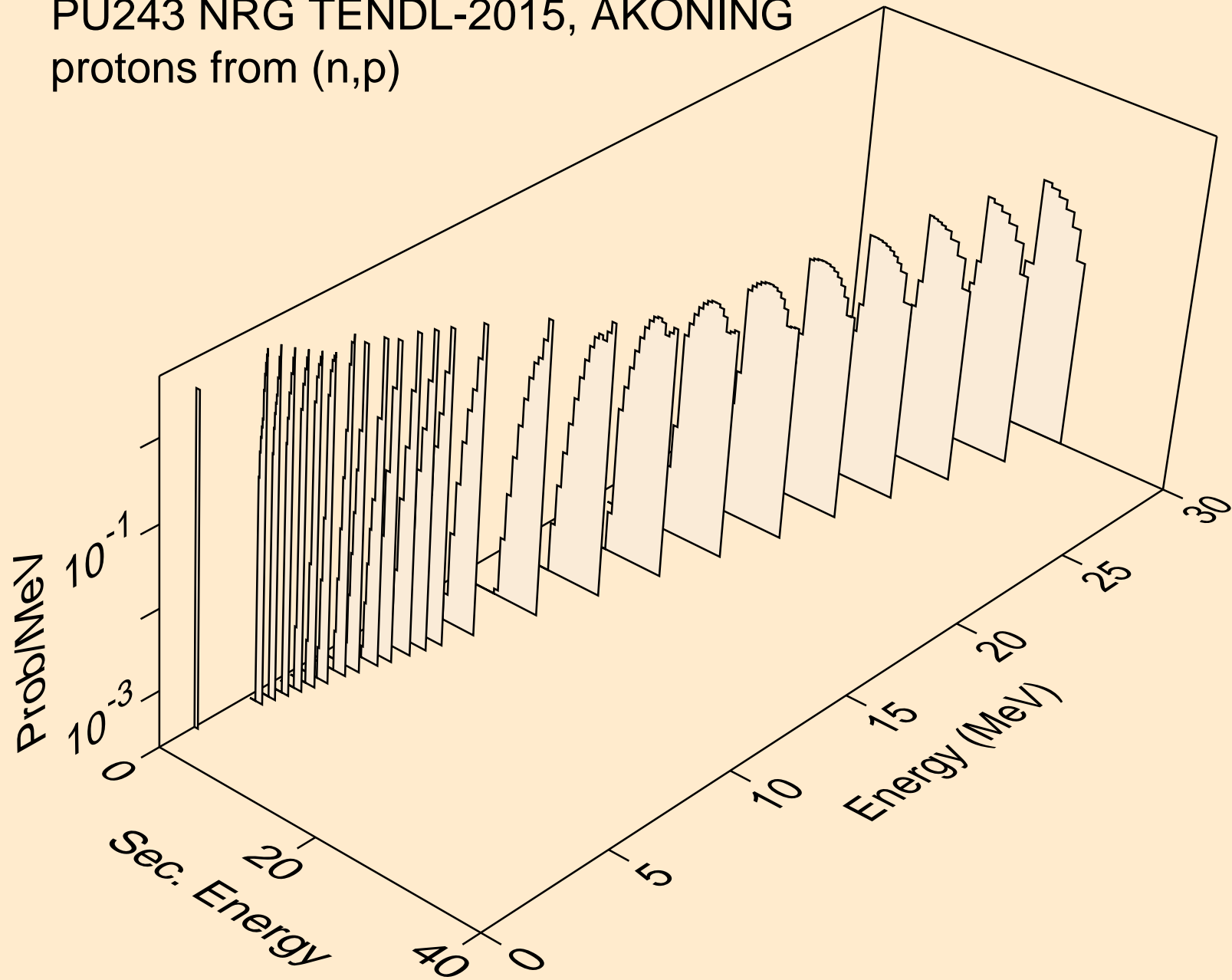
PU243 NRG TENDL-2015, AKONING  
protons from (n,3np)



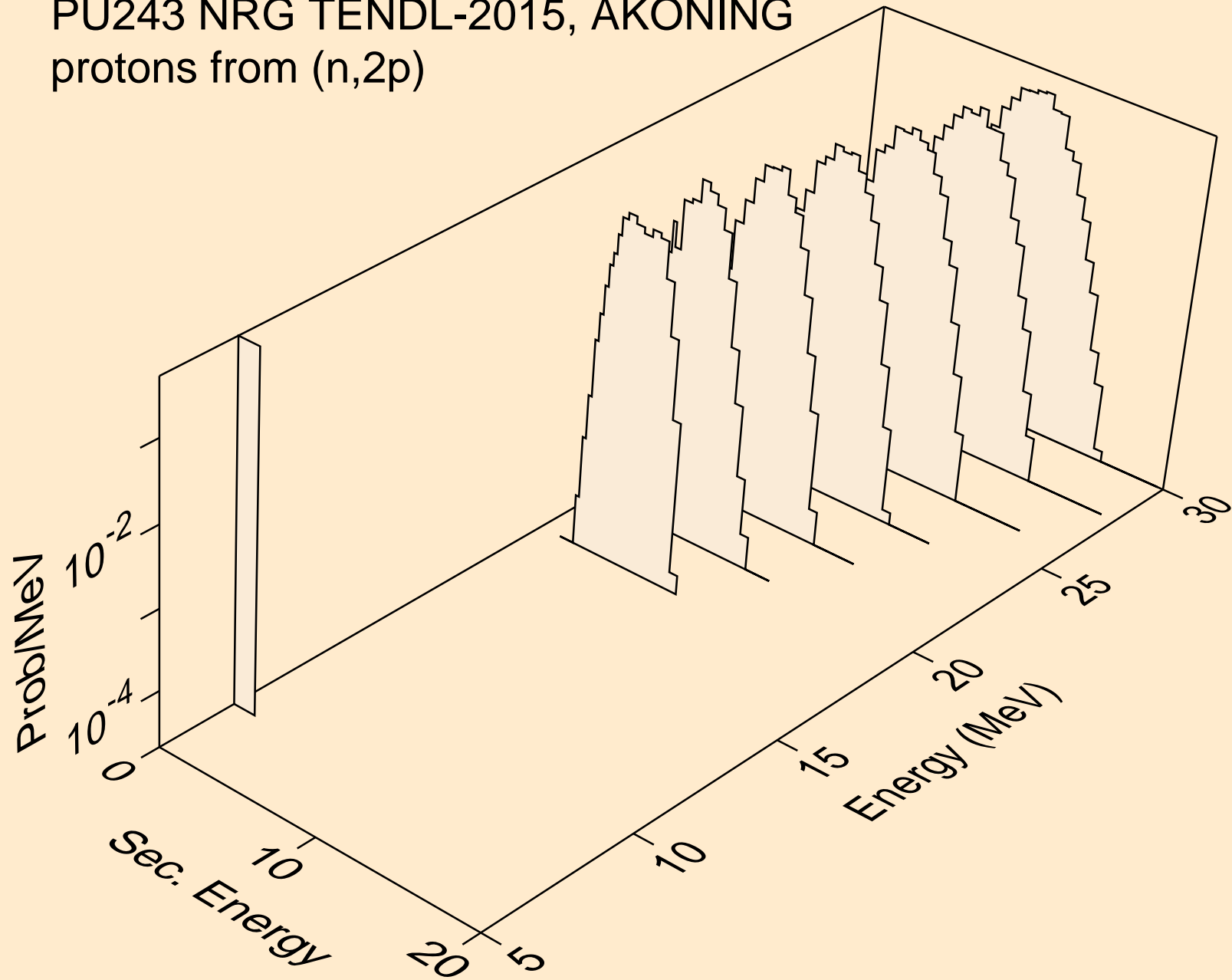
PU243 NRG TENDL-2015, AKONING  
protons from (n,2np)



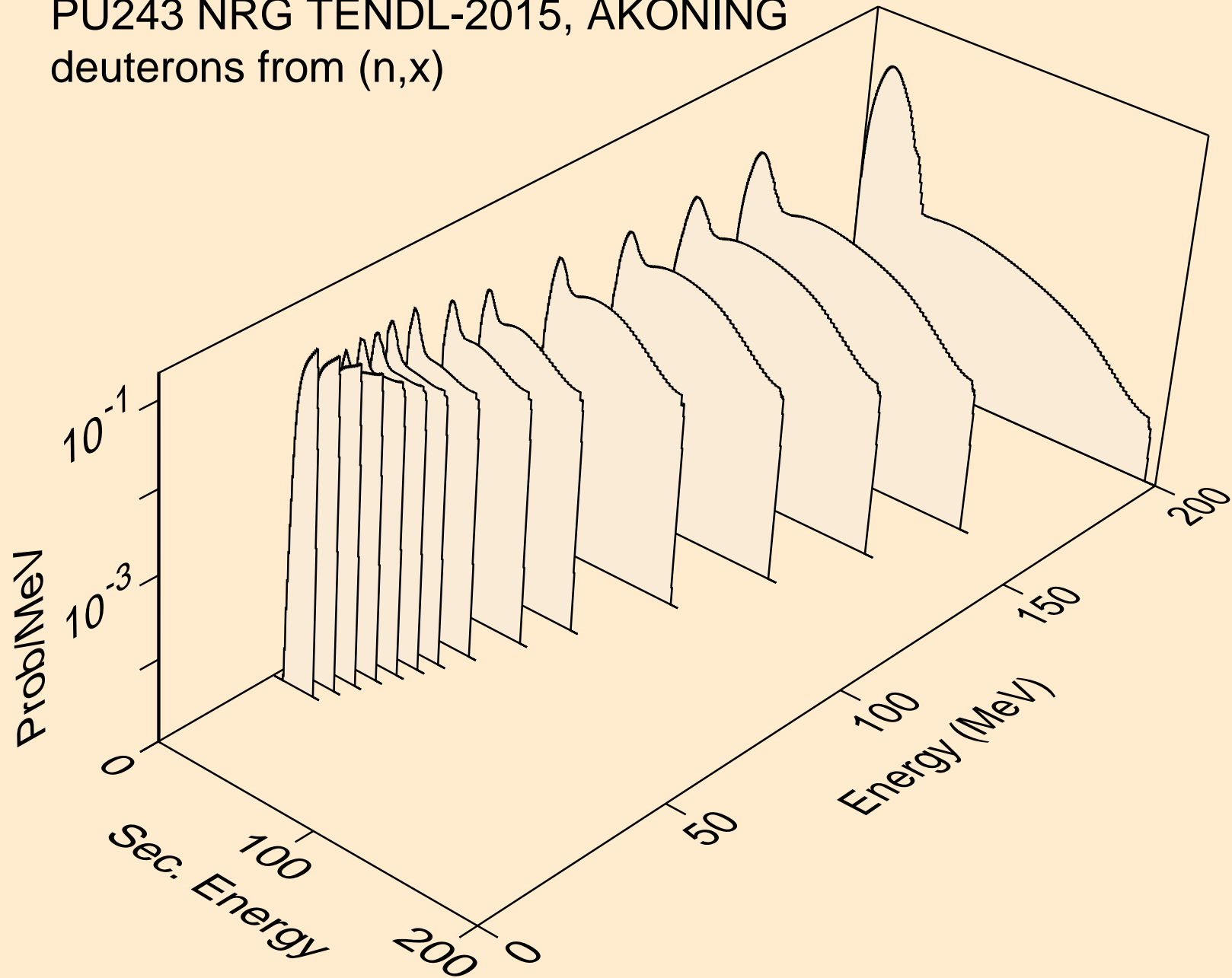
PU243 NRG TENDL-2015, AKONING  
protons from (n,p)



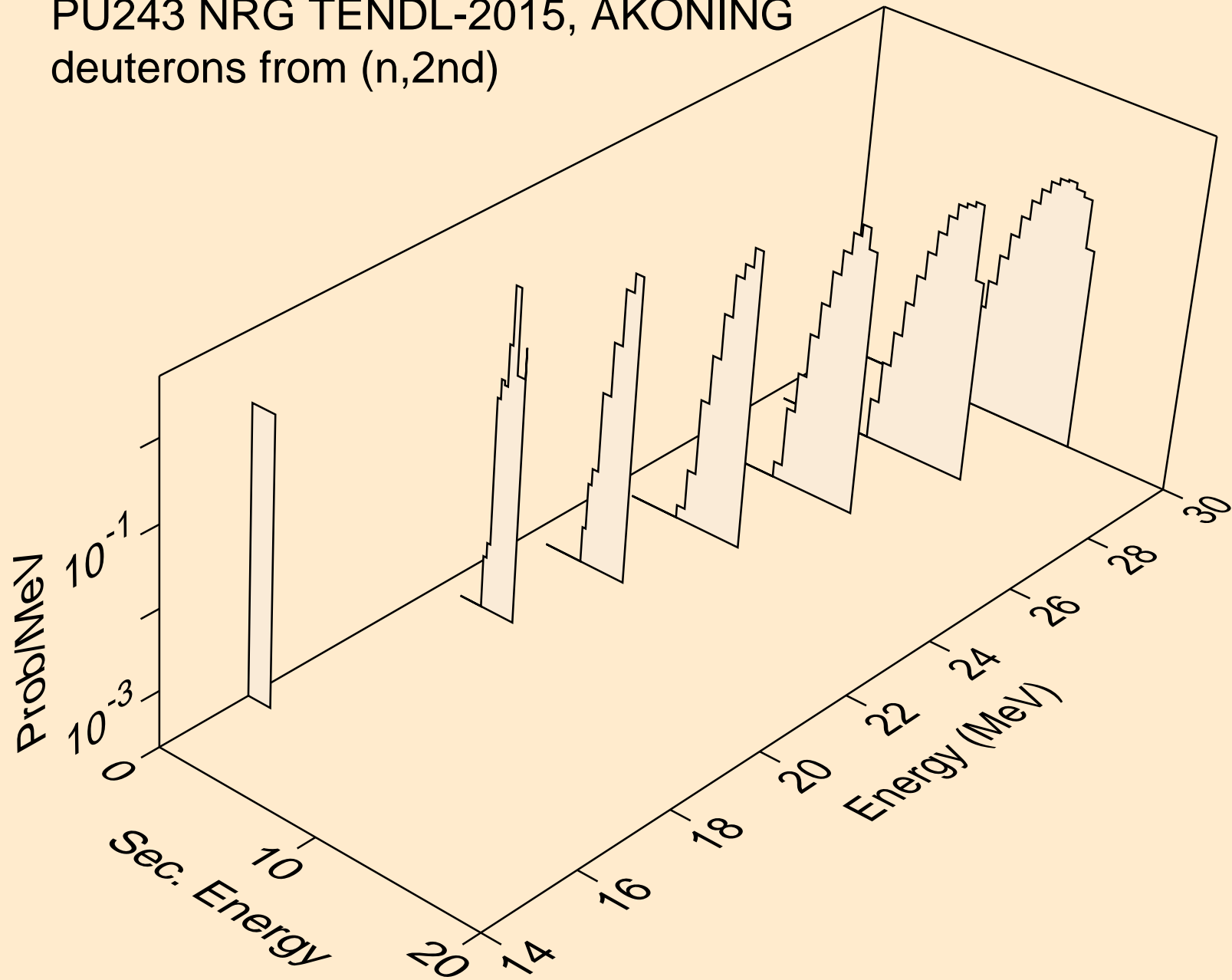
PU243 NRG TENDL-2015, AKONING  
protons from (n,2p)



PU243 NRG TENDL-2015, AKONING  
deuterons from (n,x)

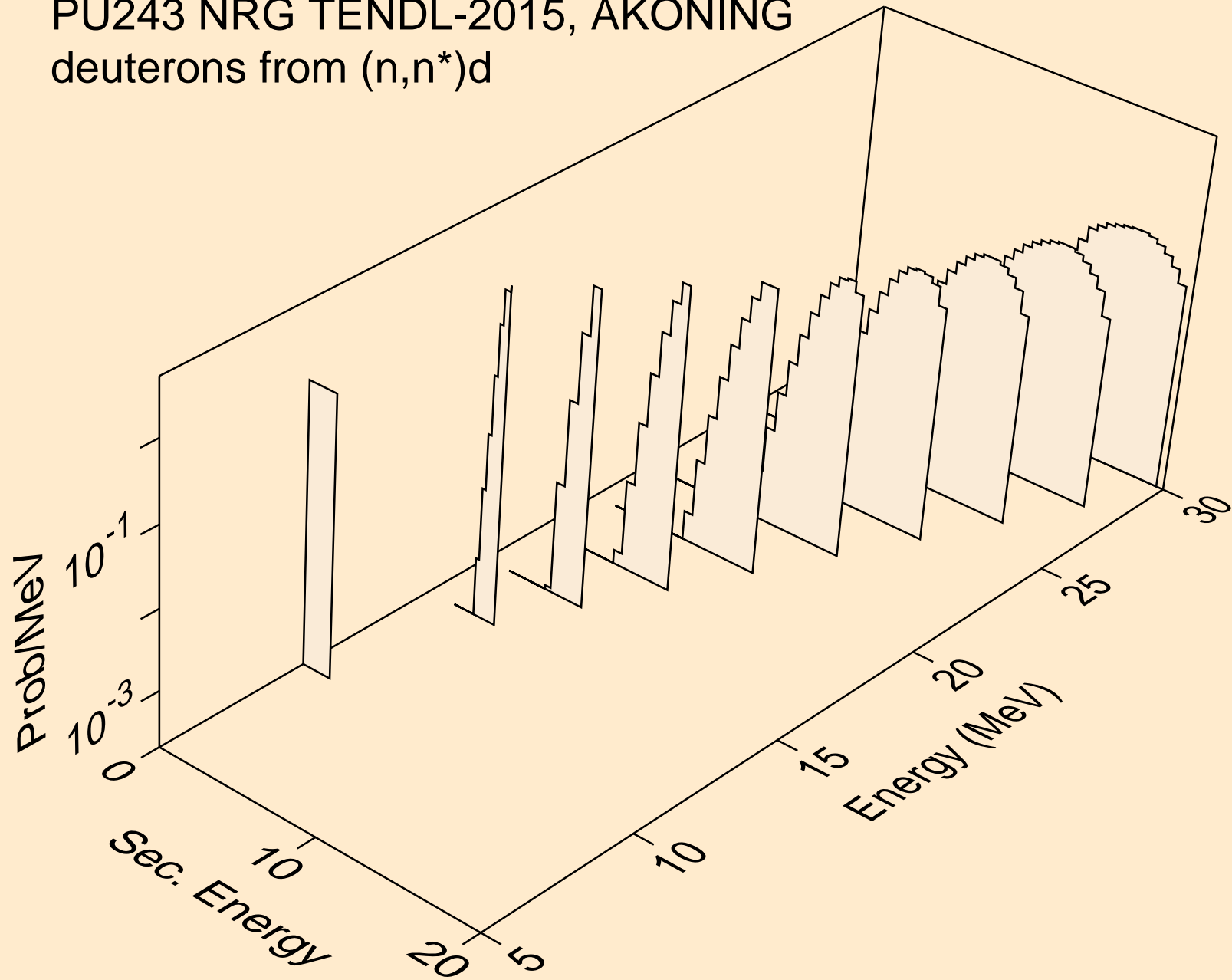


PU243 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

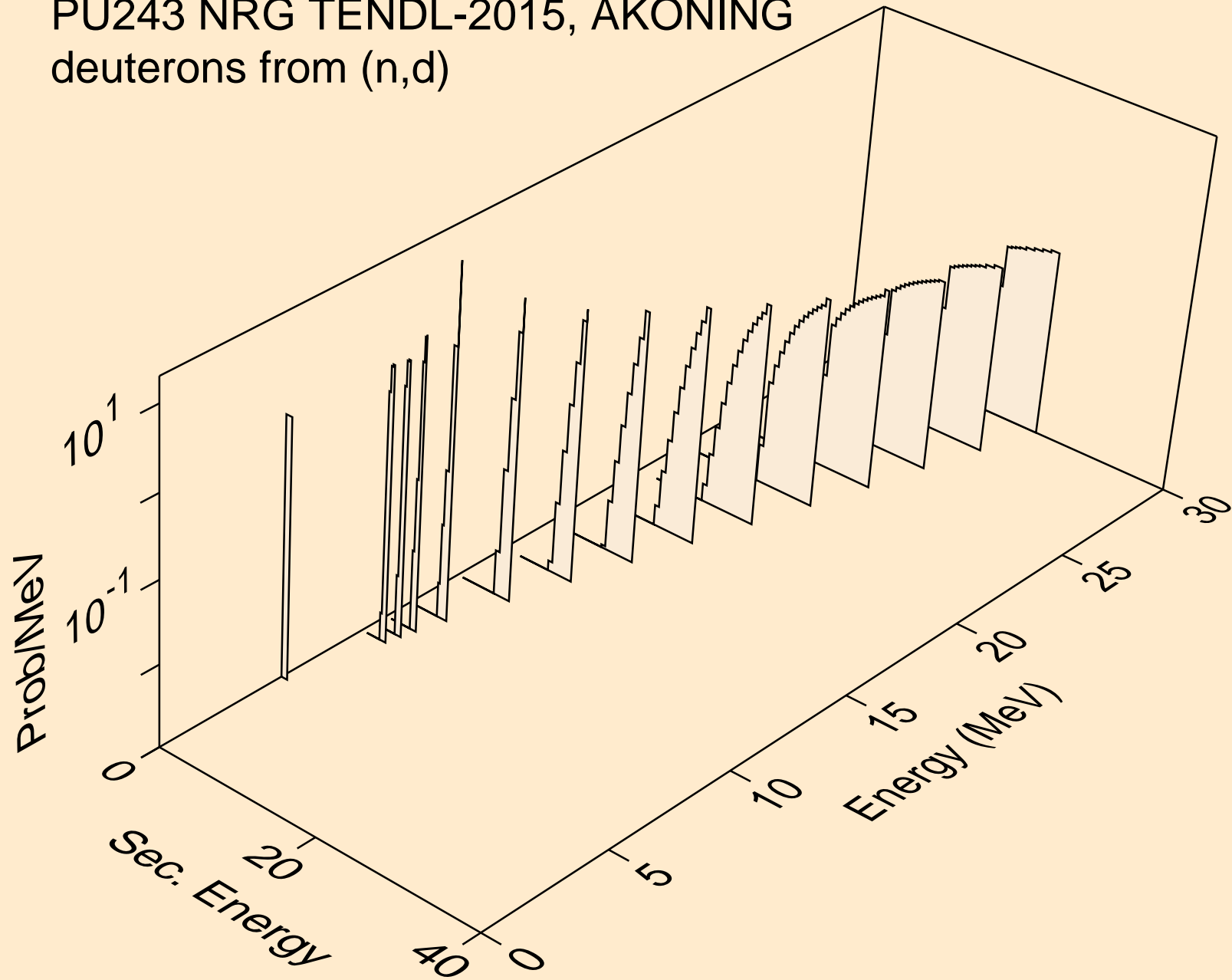




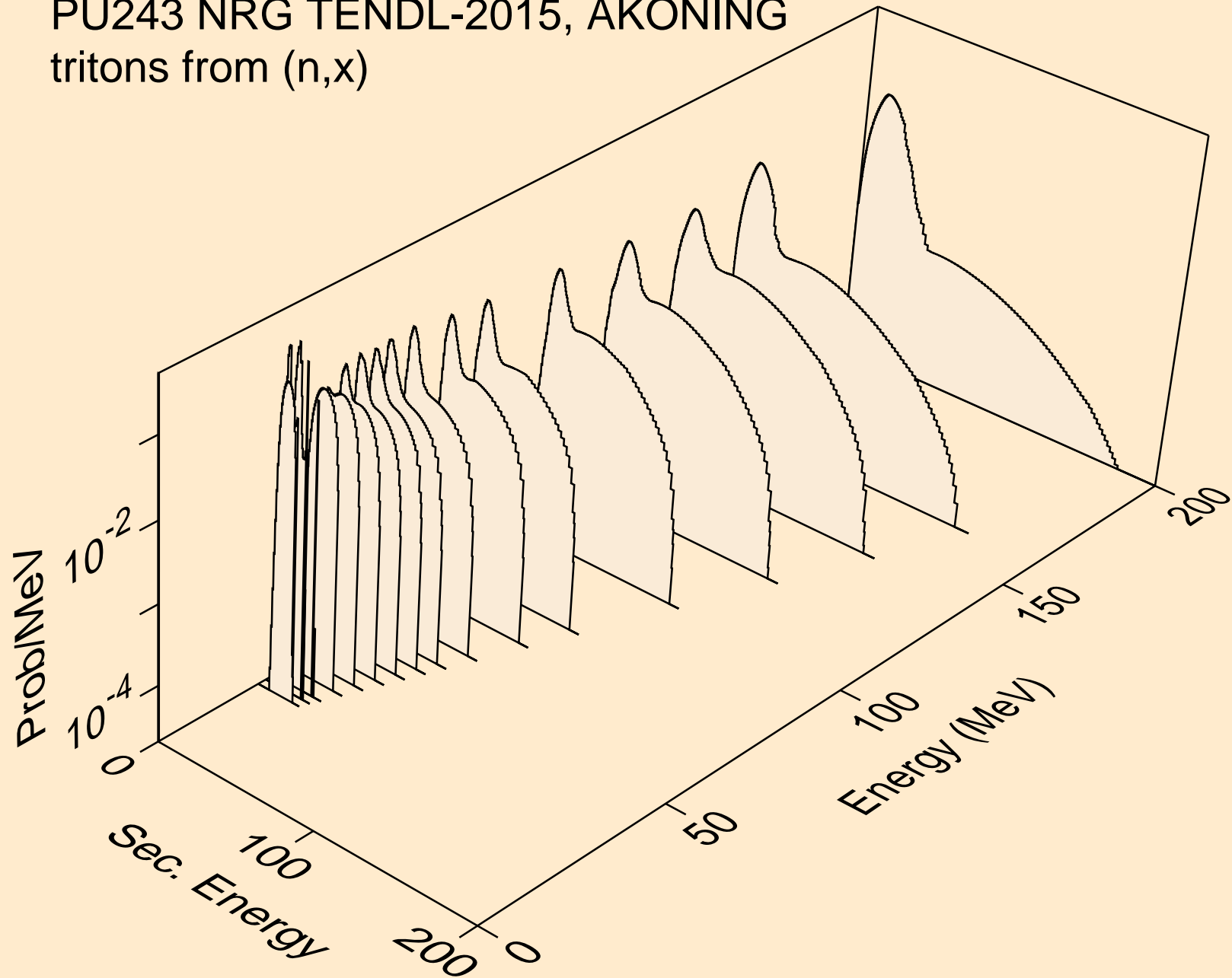
PU243 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



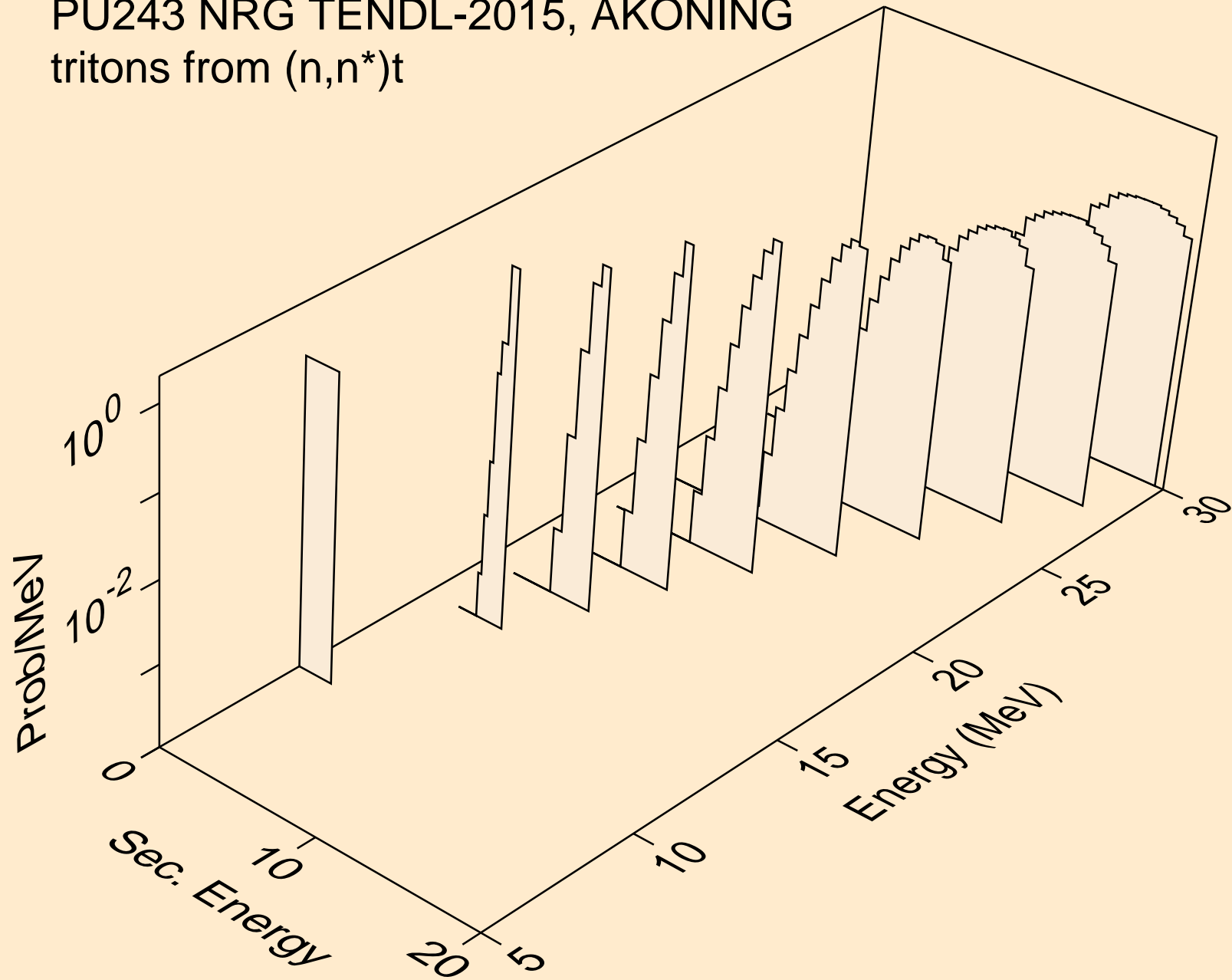
PU243 NRG TENDL-2015, AKONING  
deuterons from (n,d)



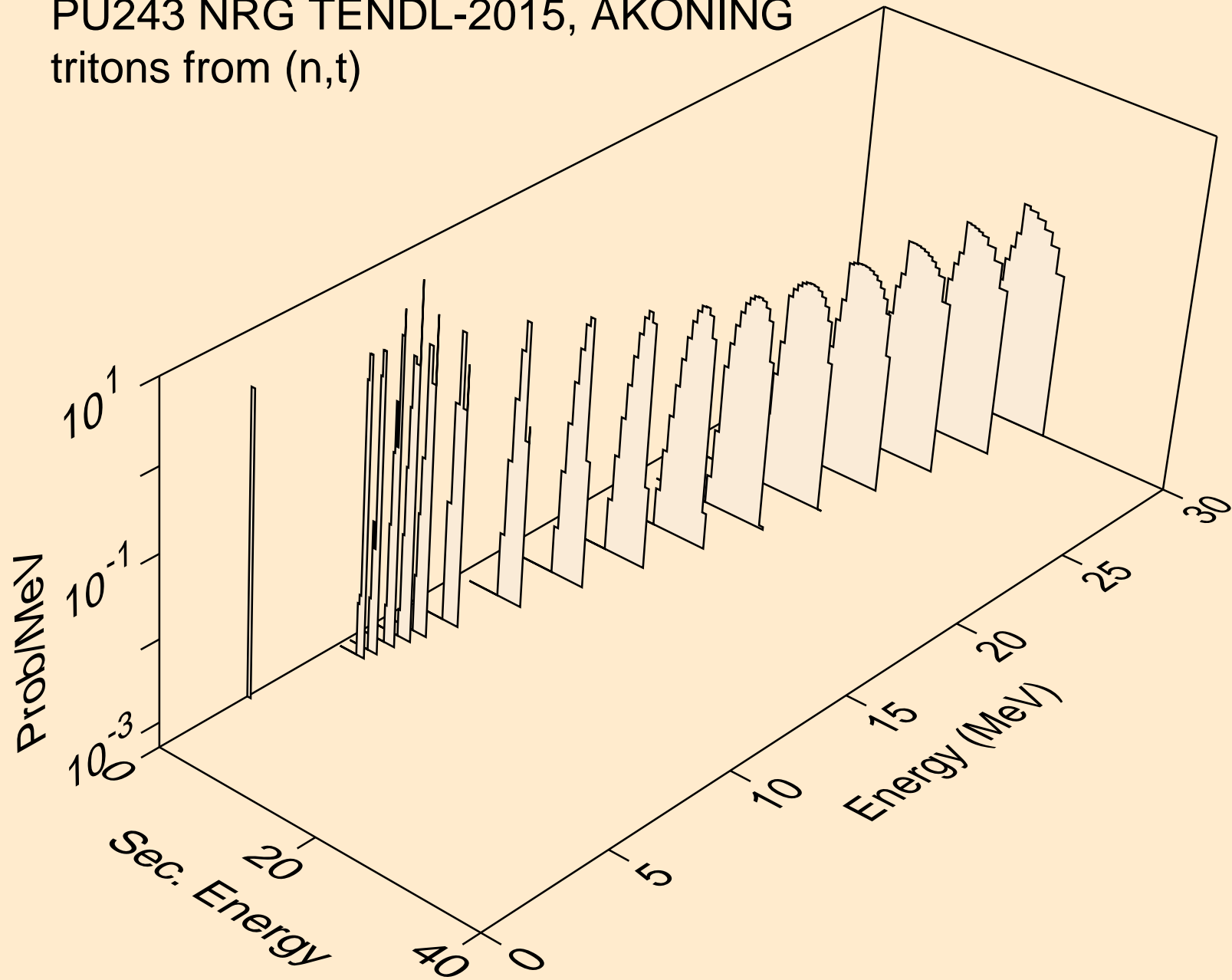
PU243 NRG TENDL-2015, AKONING  
tritons from (n,x)



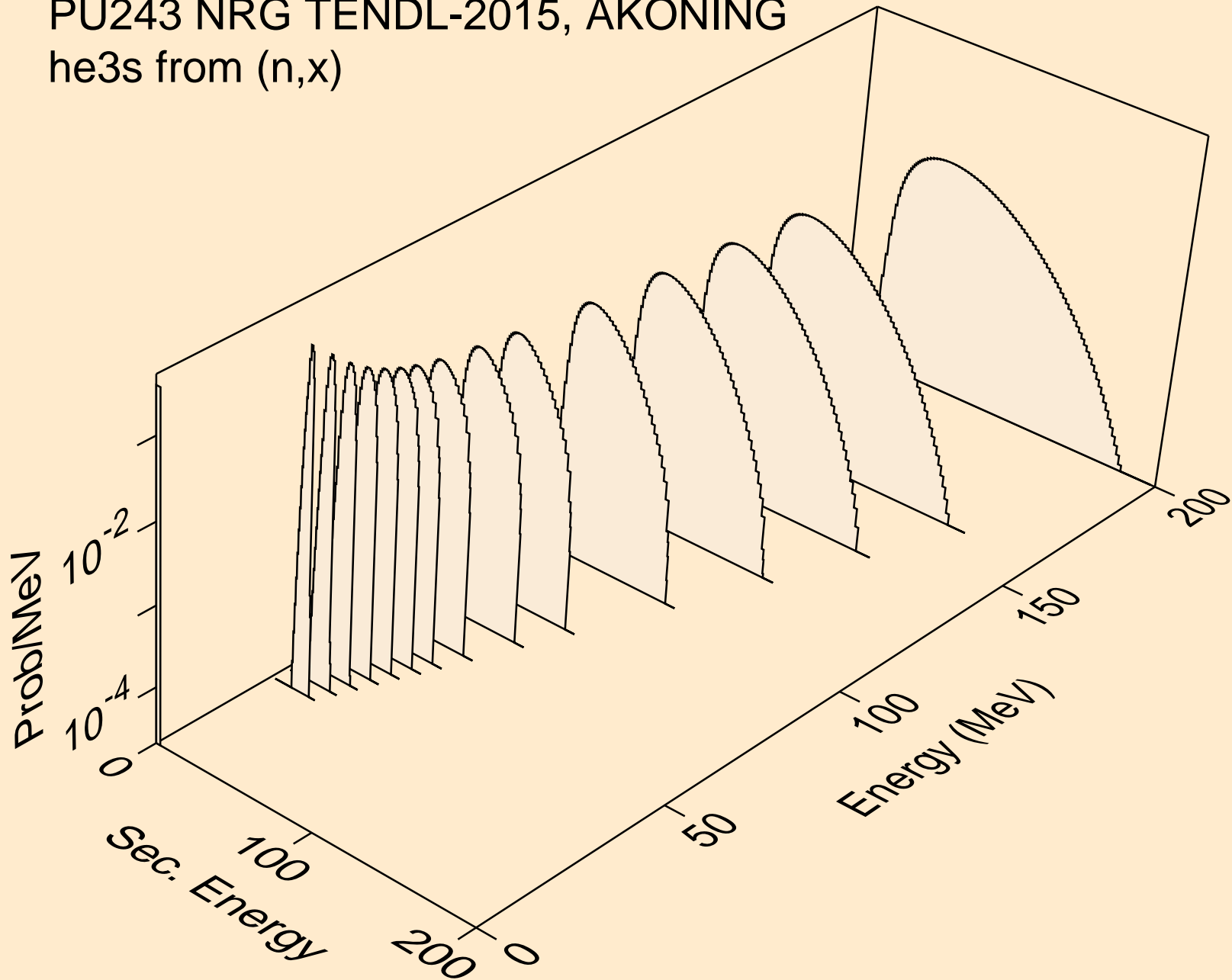
PU243 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



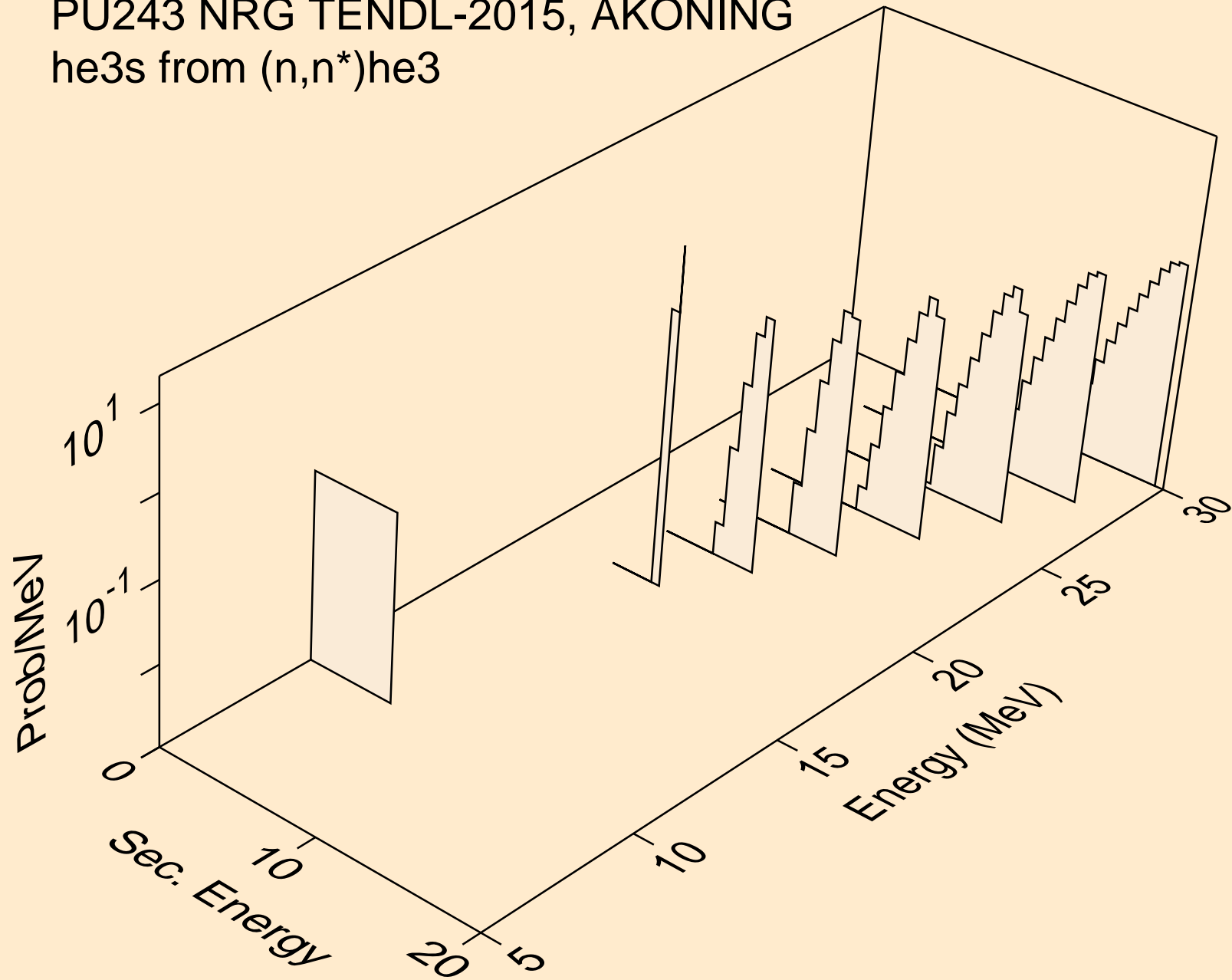
PU243 NRG TENDL-2015, AKONING  
tritons from (n,t)



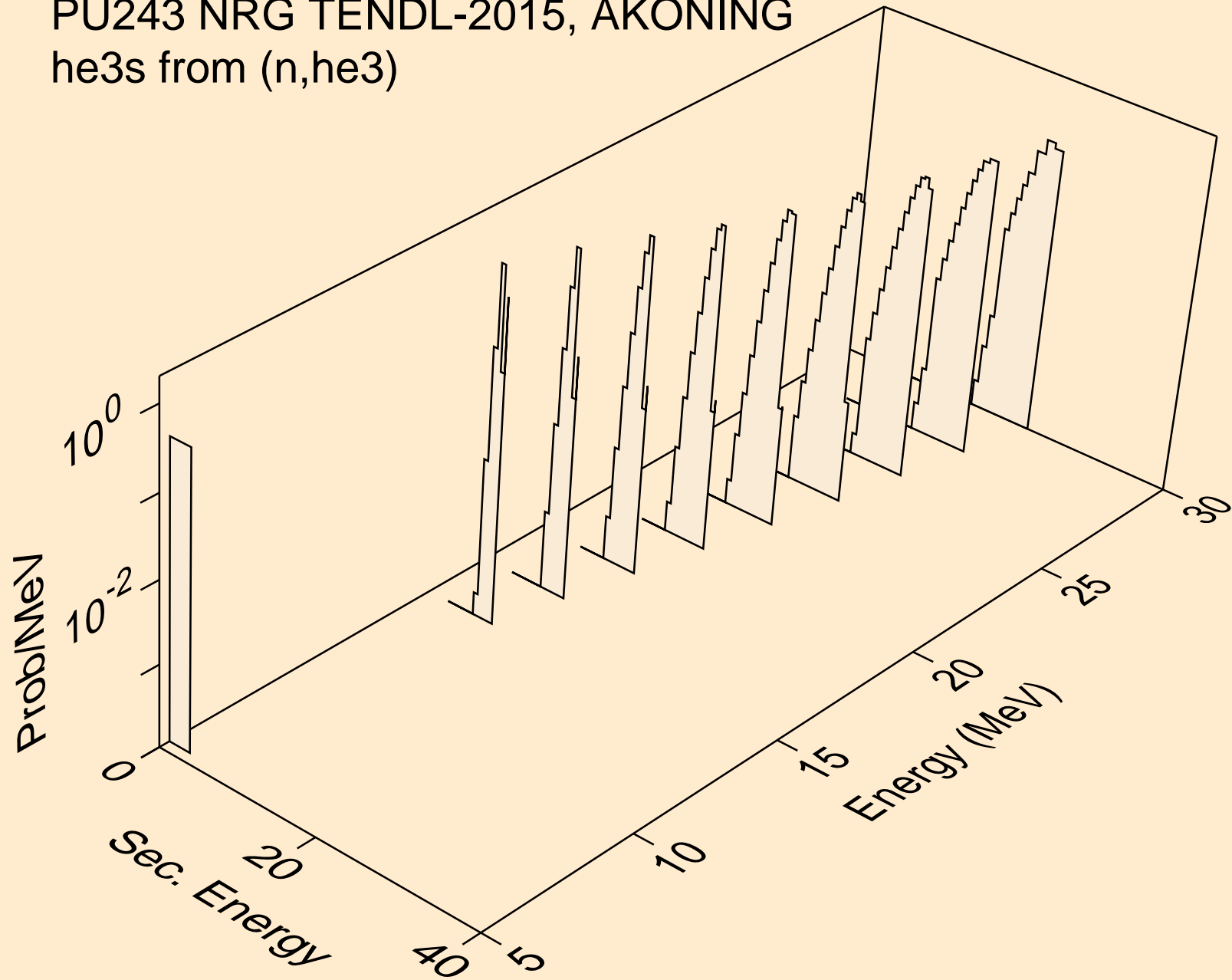
PU243 NRG TENDL-2015, AKONING  
he3s from (n,x)



PU243 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

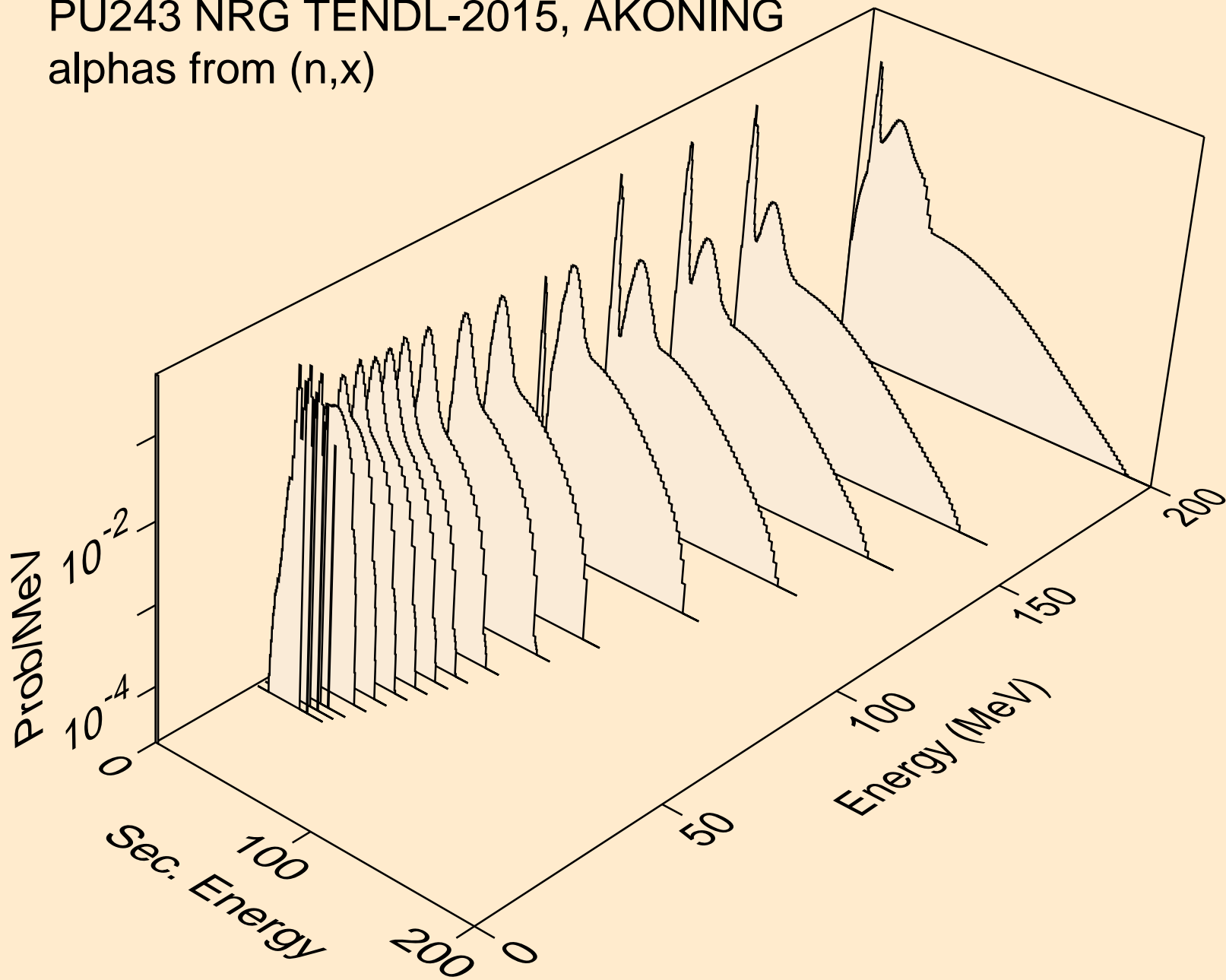


PU243 NRG TENDL-2015, AKONING  
he3s from (n,he3)

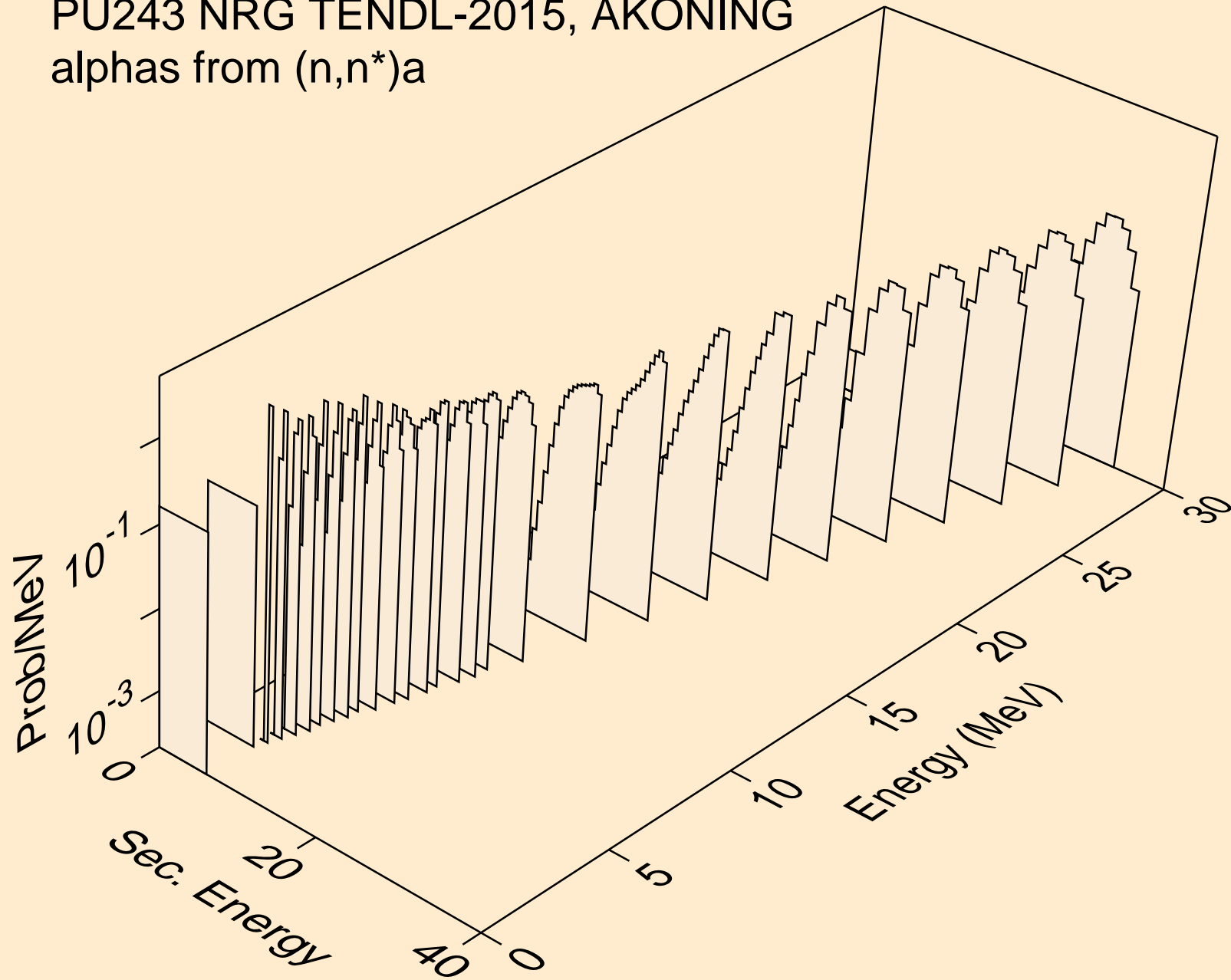




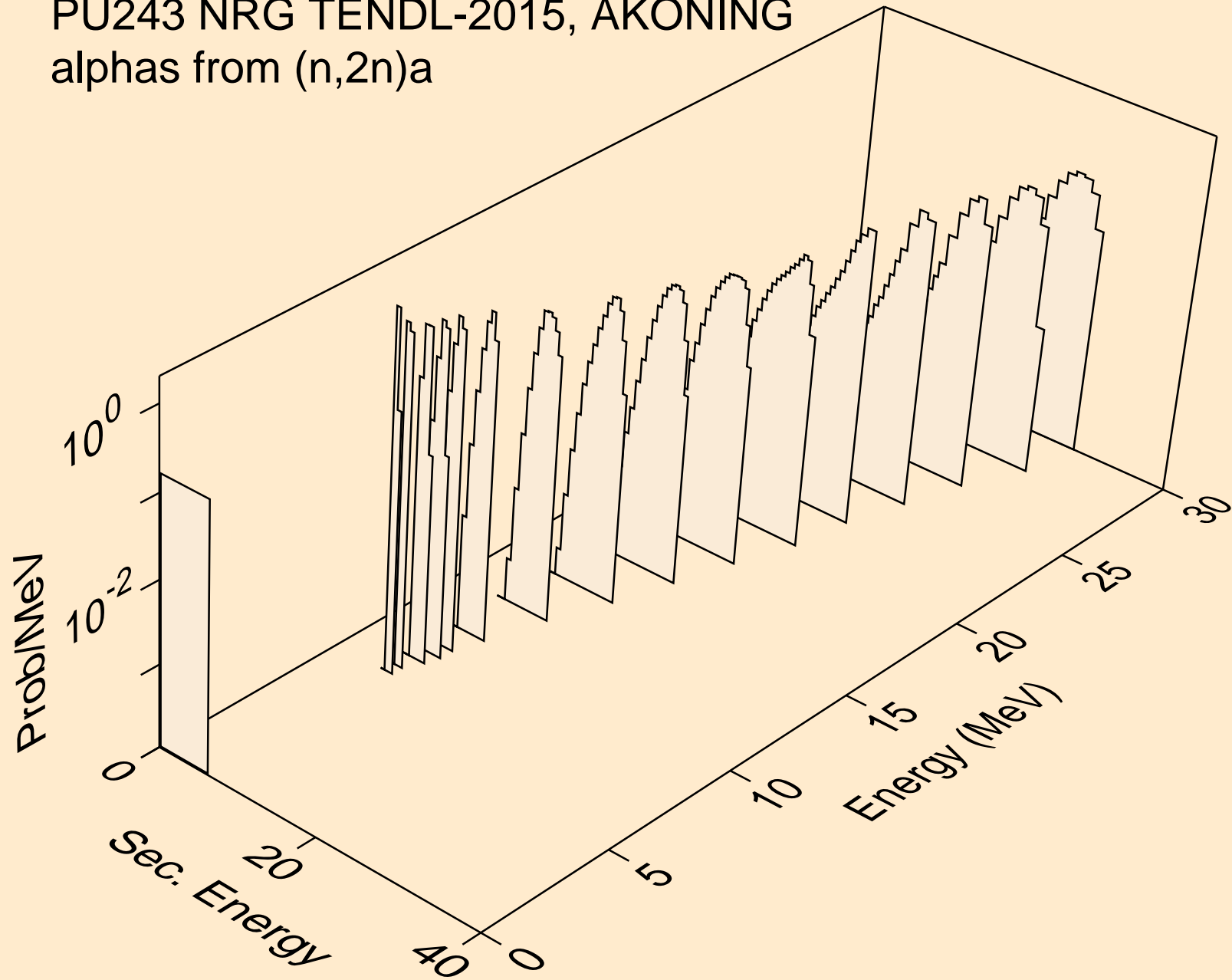
PU243 NRG TENDL-2015, AKONING  
alphas from (n,x)



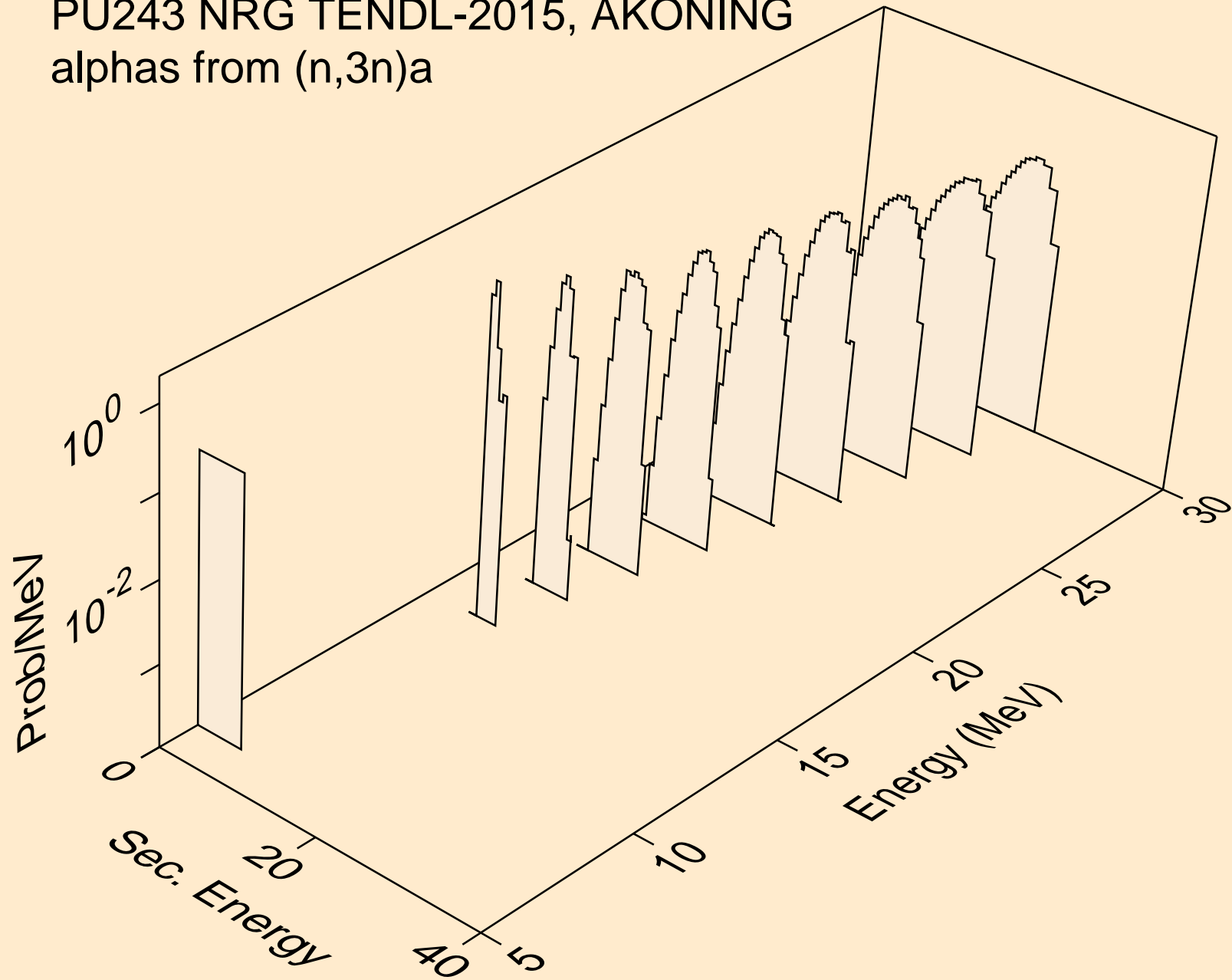
PU243 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



PU243 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PU243 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



PU243 NRG TENDL-2015, AKONING  
alphas from (n,a)

