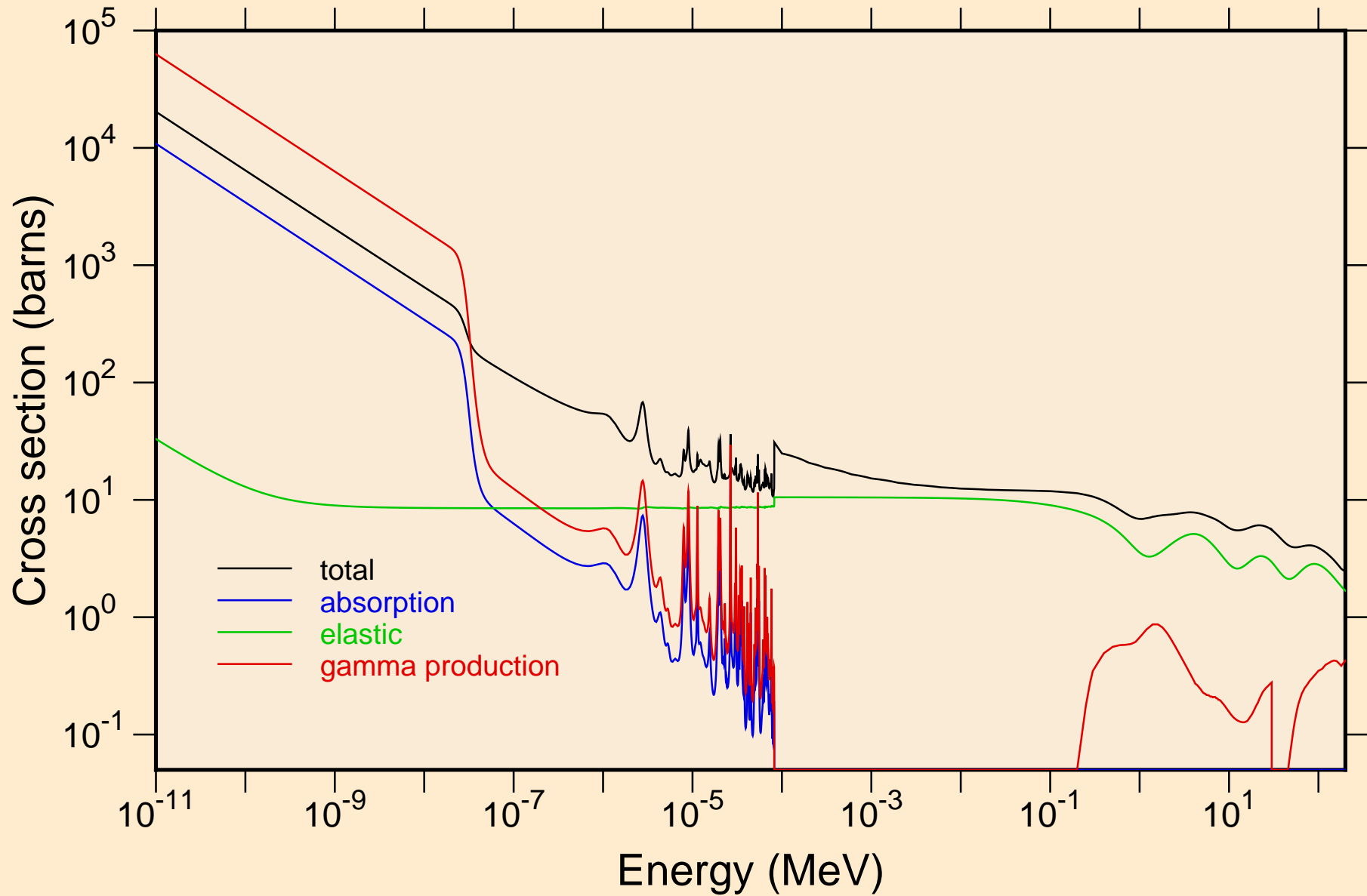
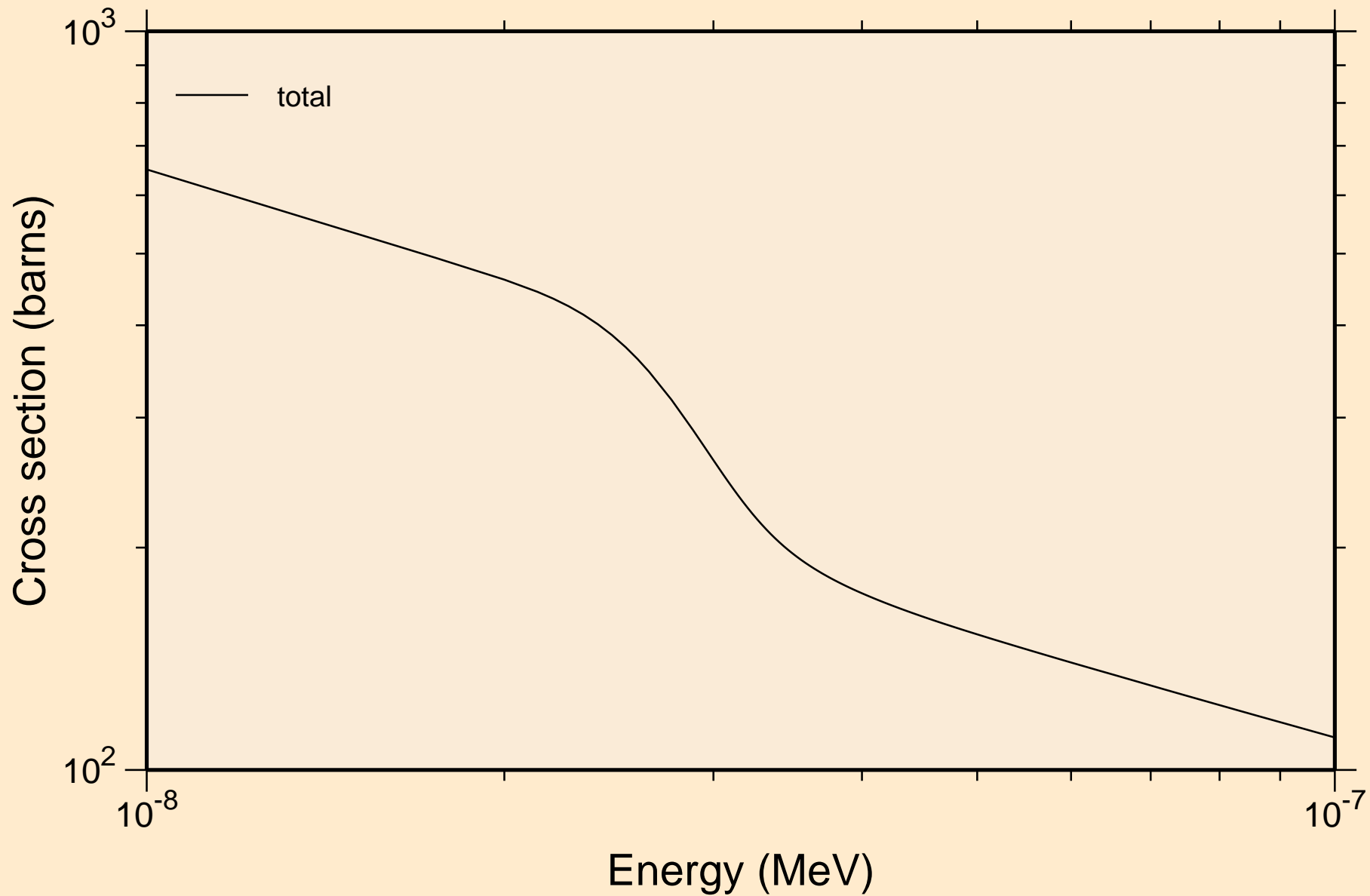


# PU233 NRG TENDL-2015, AKONING

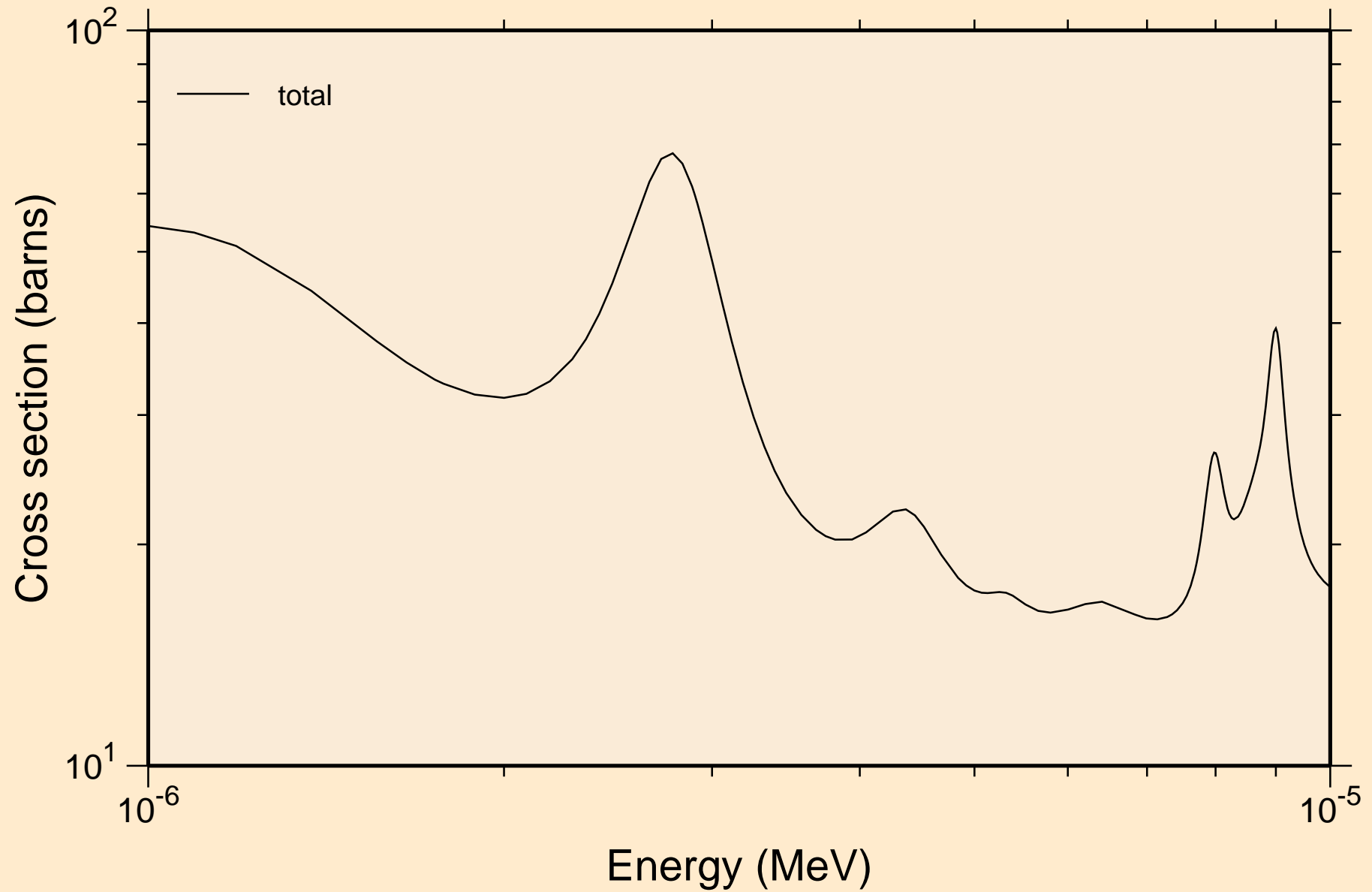
## Principal cross sections



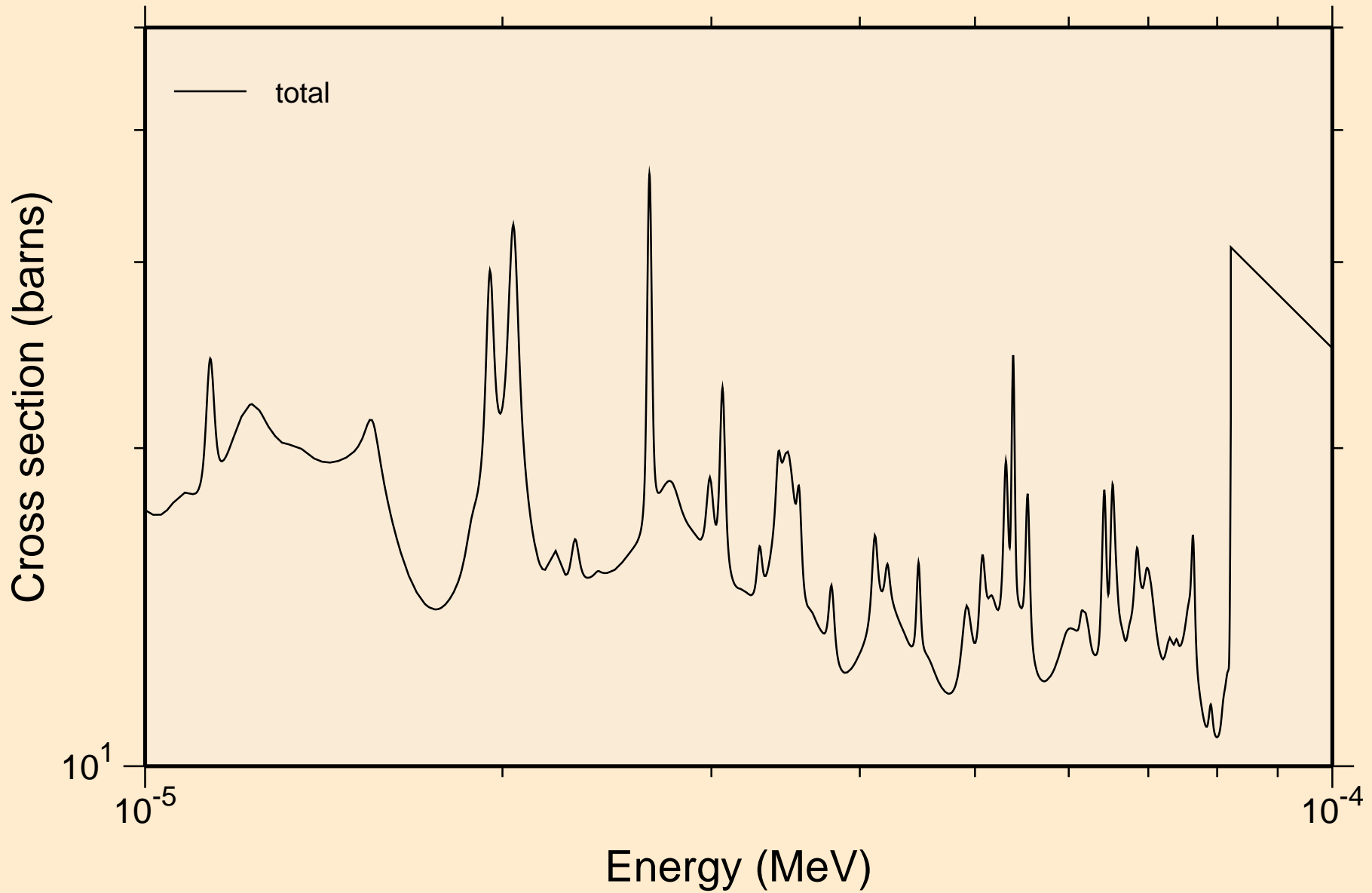
PU233 NRG TENDL-2015, AKONING  
resonance total cross section



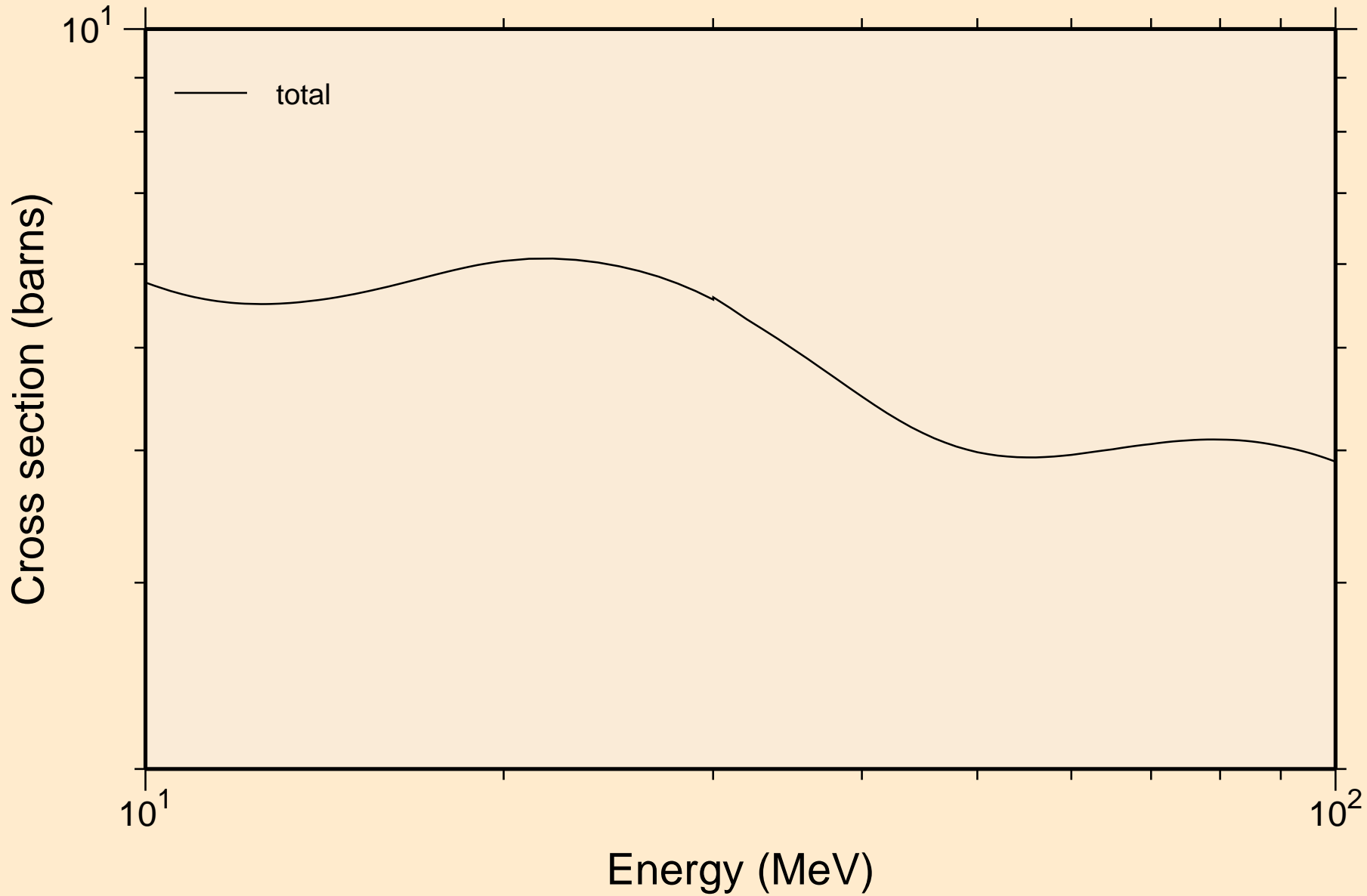
PU233 NRG TENDL-2015, AKONING  
resonance total cross section



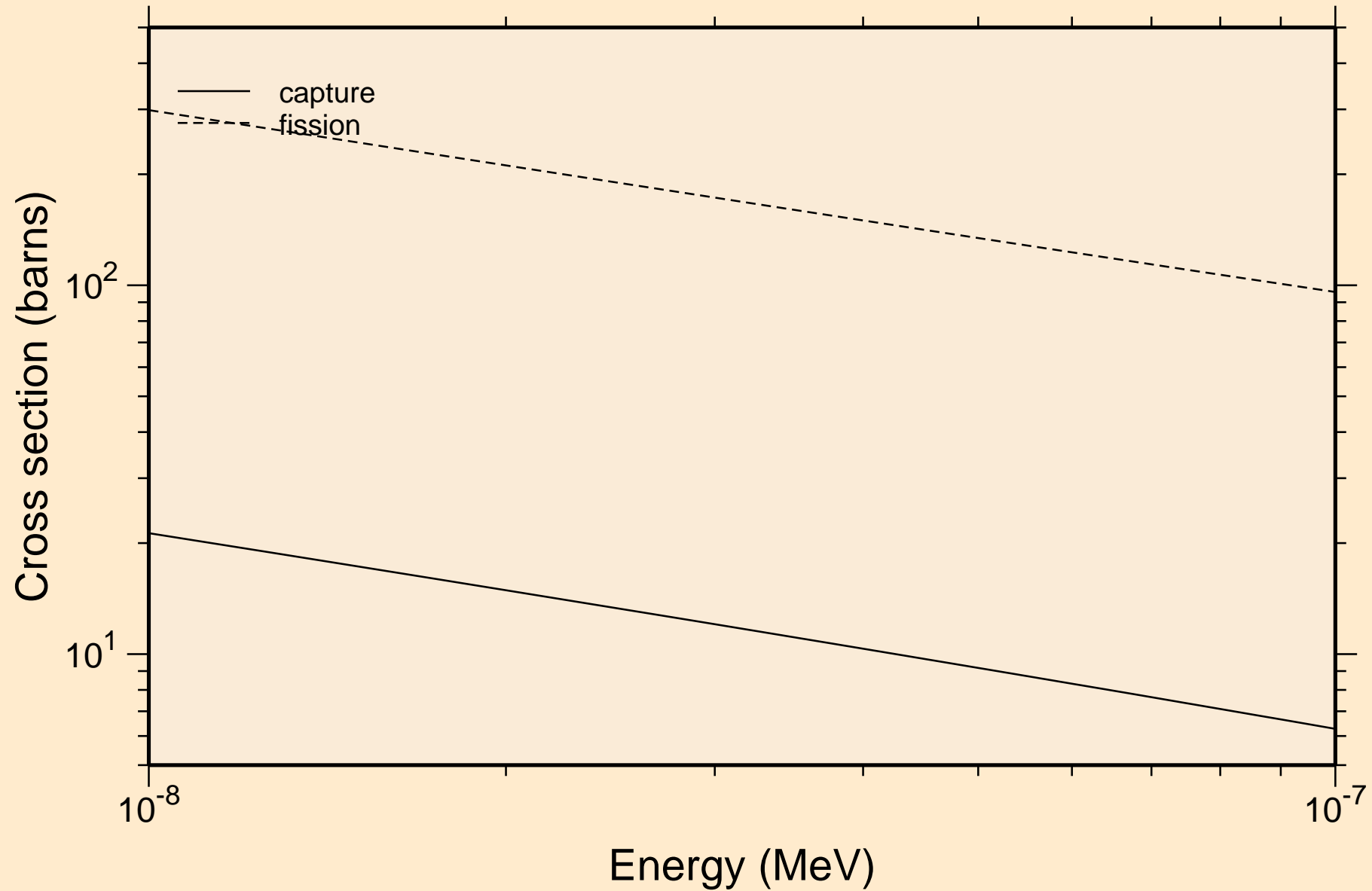
PU233 NRG TENDL-2015, AKONING  
resonance total cross section



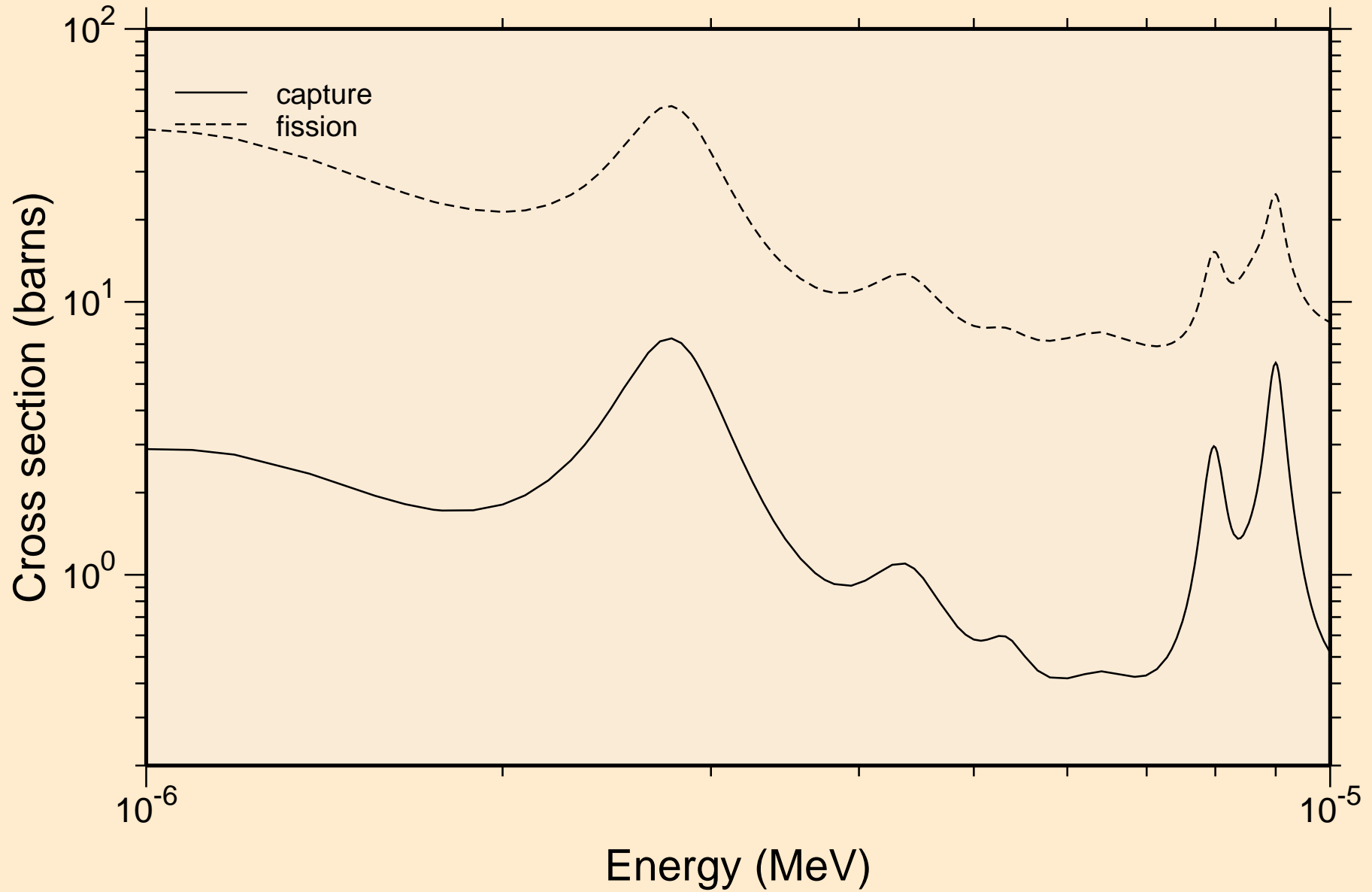
PU233 NRG TENDL-2015, AKONING  
resonance total cross section



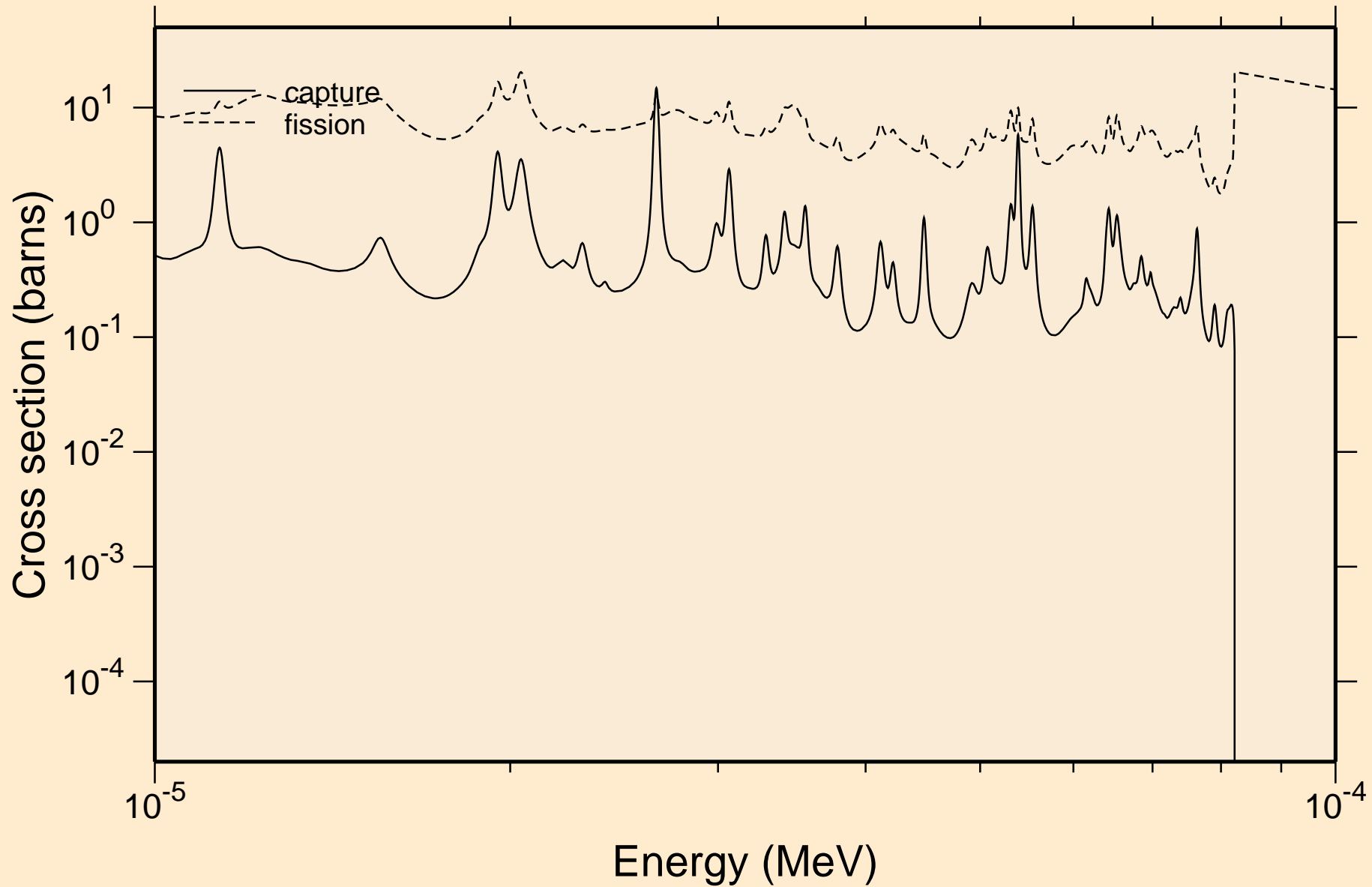
PU233 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PU233 NRG TENDL-2015, AKONING  
resonance absorption cross sections

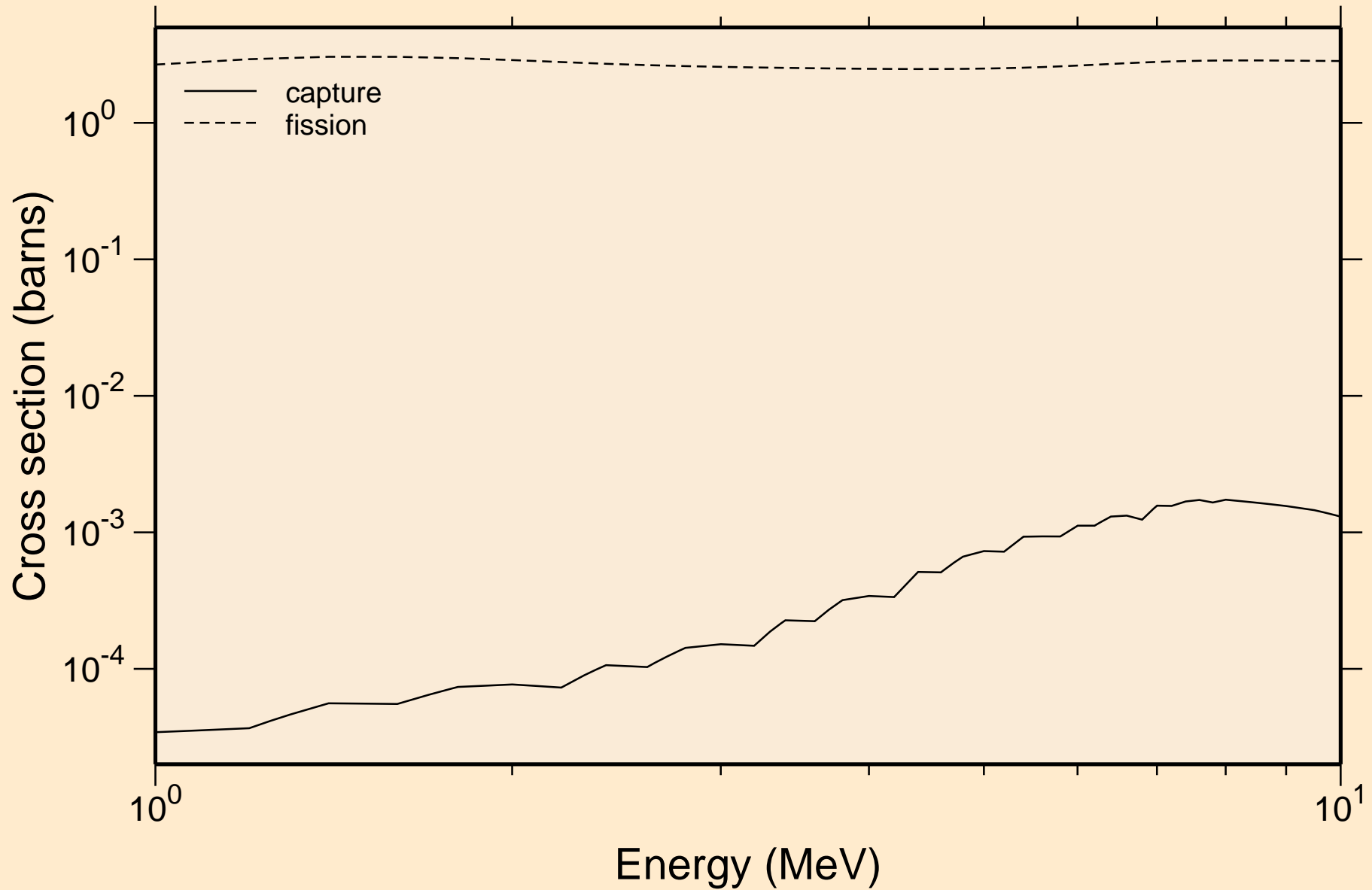


PU233 NRG TENDL-2015, AKONING  
resonance absorption cross sections



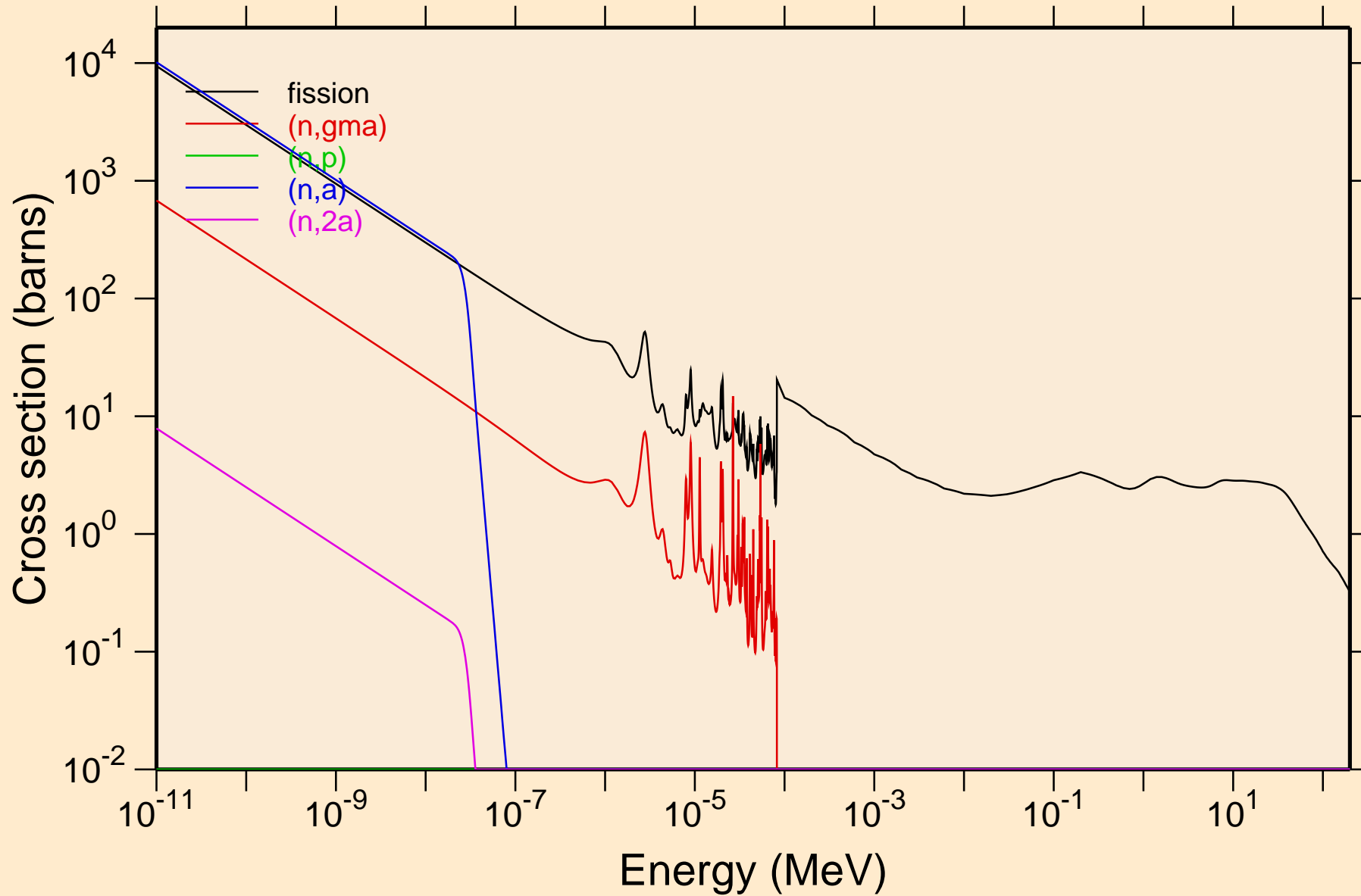


PU233 NRG TENDL-2015, AKONING  
resonance absorption cross sections

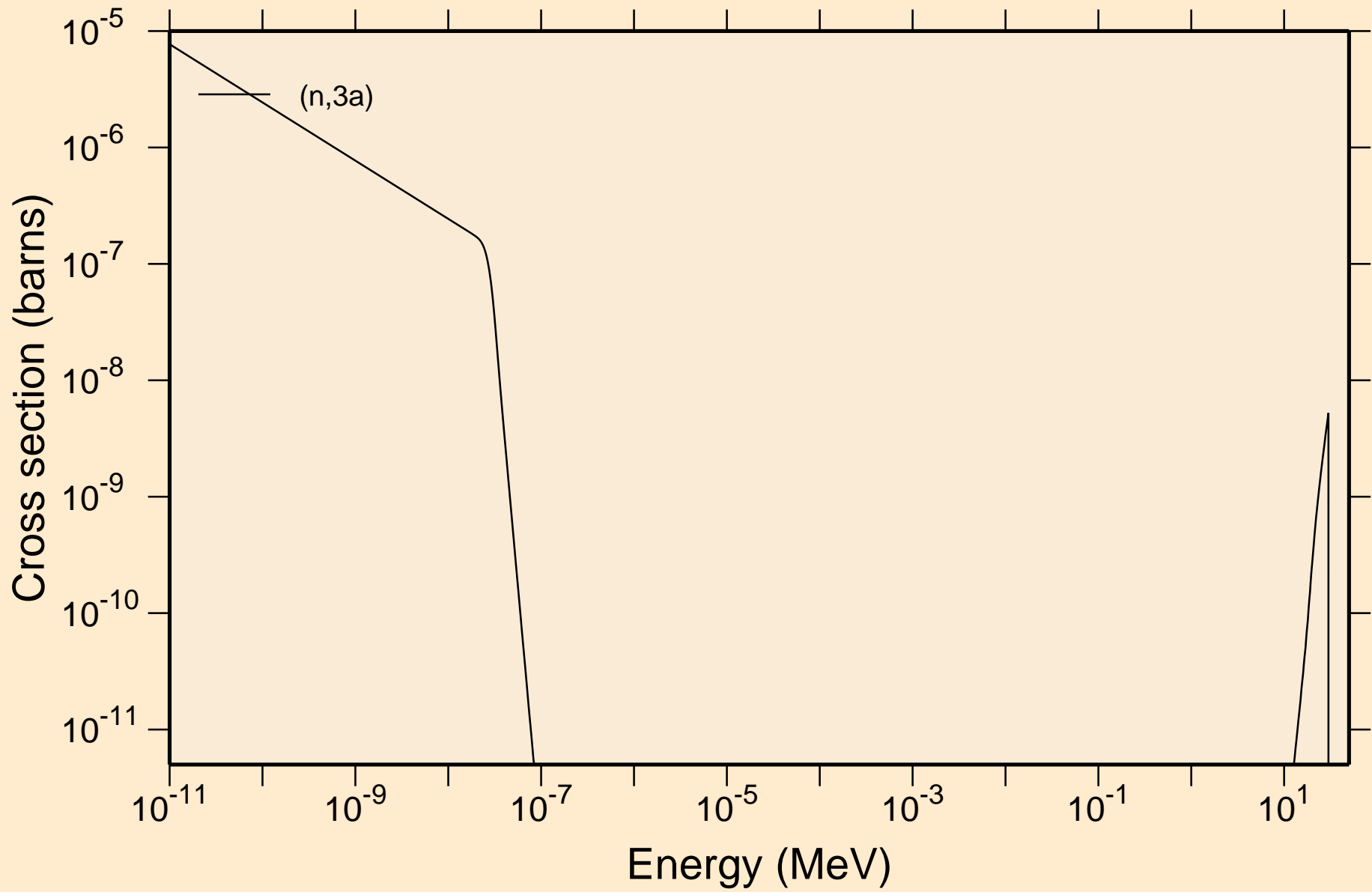


# PU233 NRG TENDL-2015, AKONING

## Non-threshold reactions

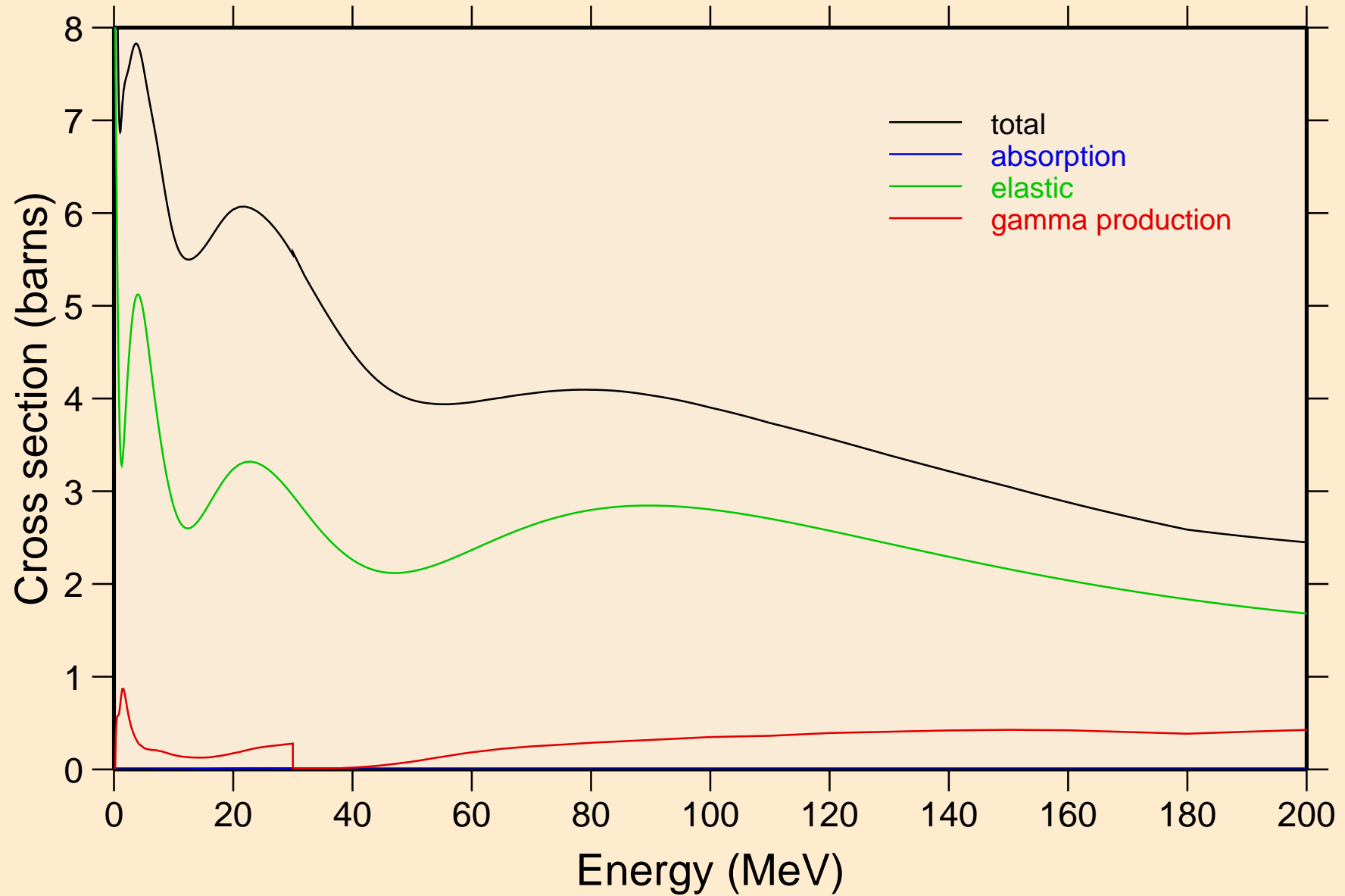


PU233 NRG TENDL-2015, AKONING  
Non-threshold reactions



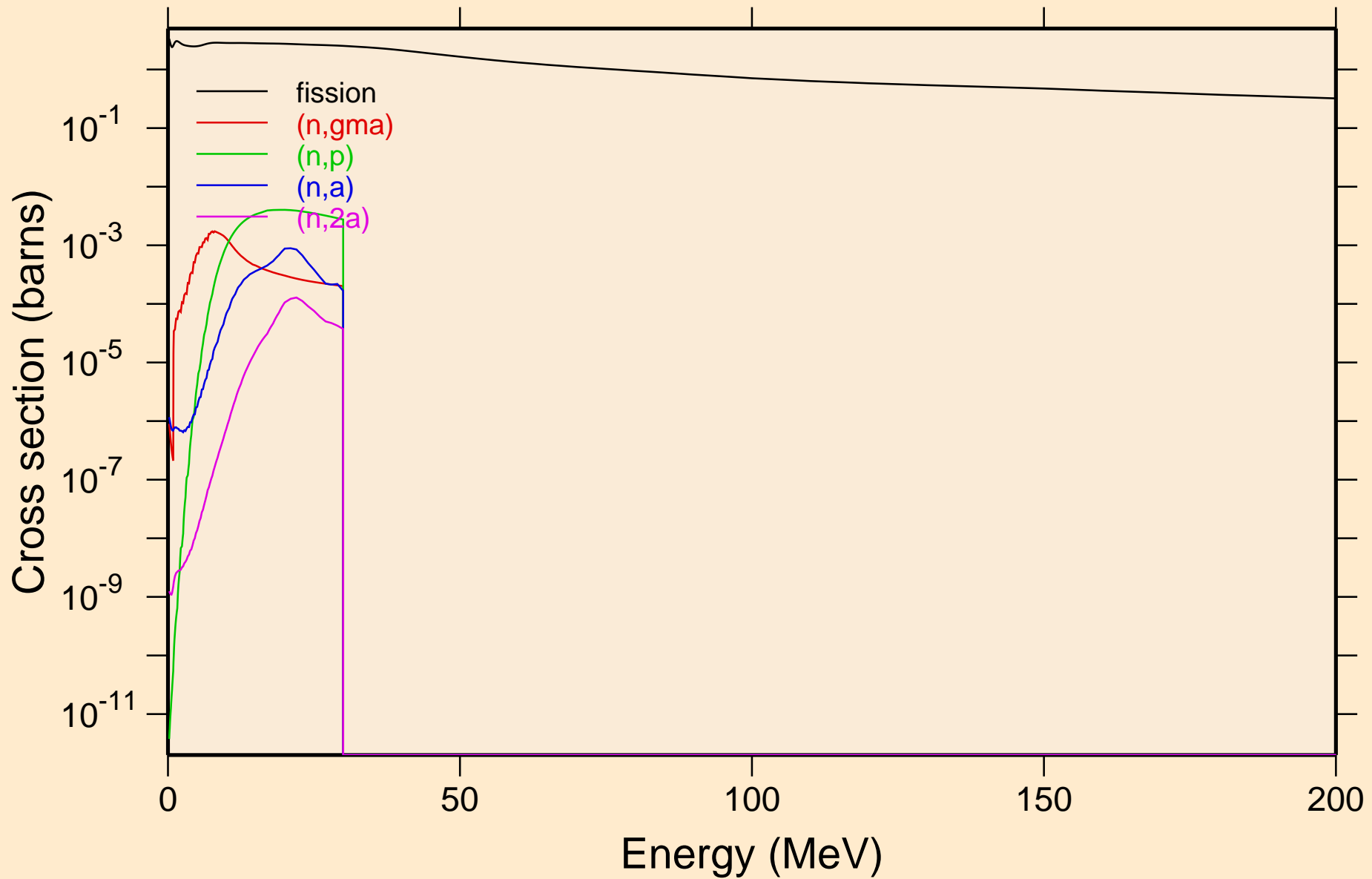
# PU233 NRG TENDL-2015, AKONING

## Principal cross sections

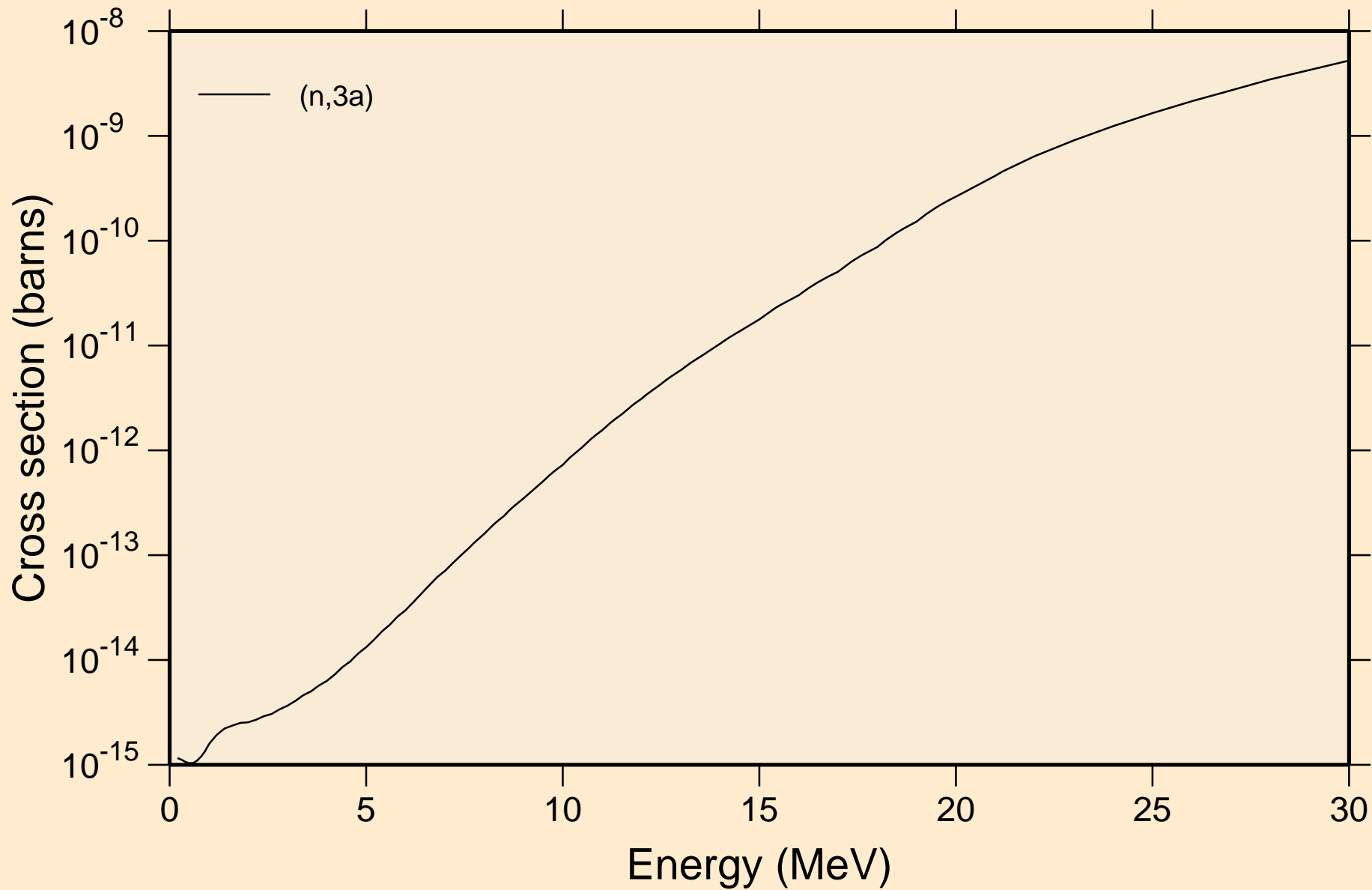


# PU233 NRG TENDL-2015, AKONING

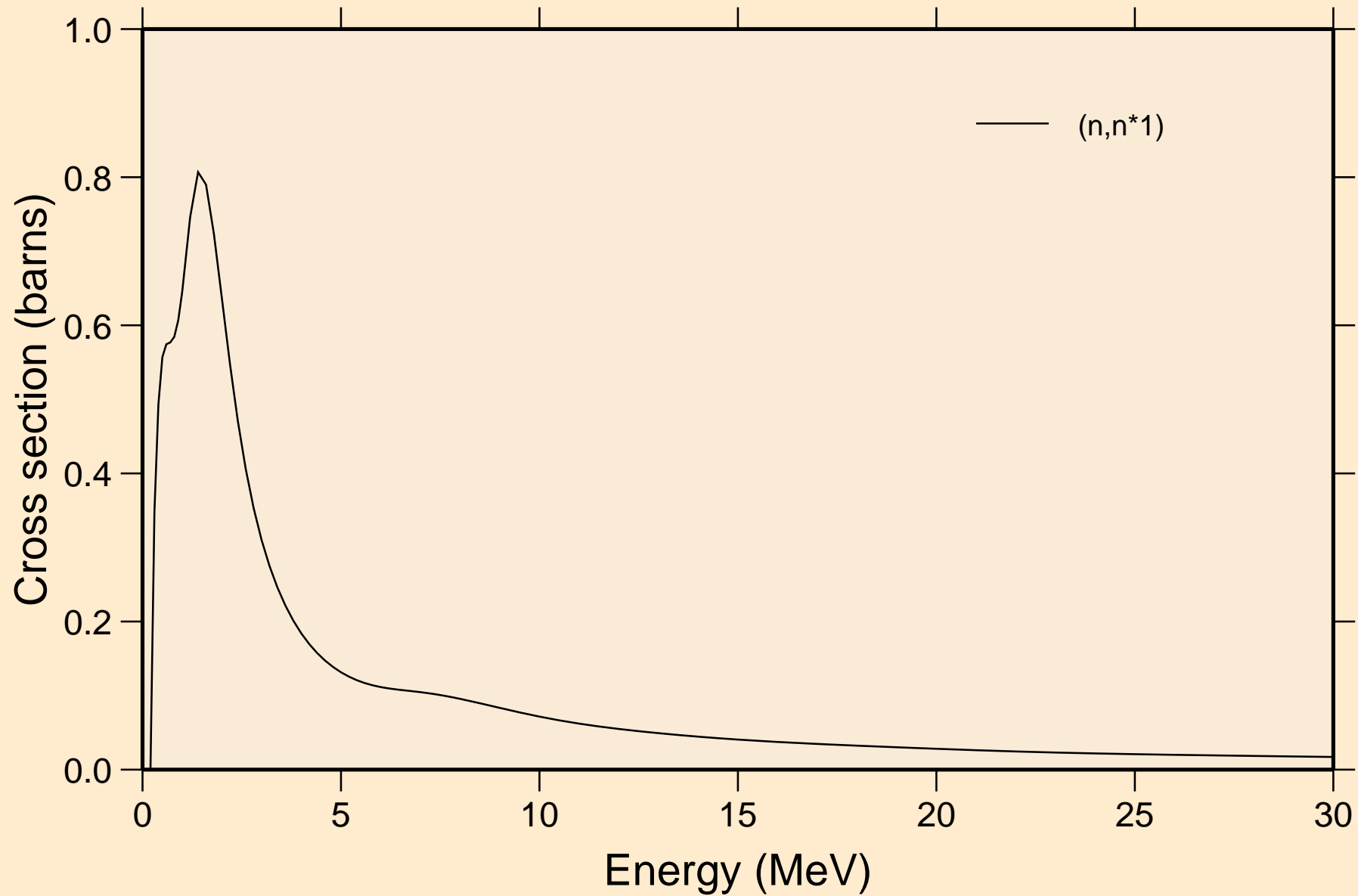
## Non-threshold reactions



PU233 NRG TENDL-2015, AKONING  
Non-threshold reactions

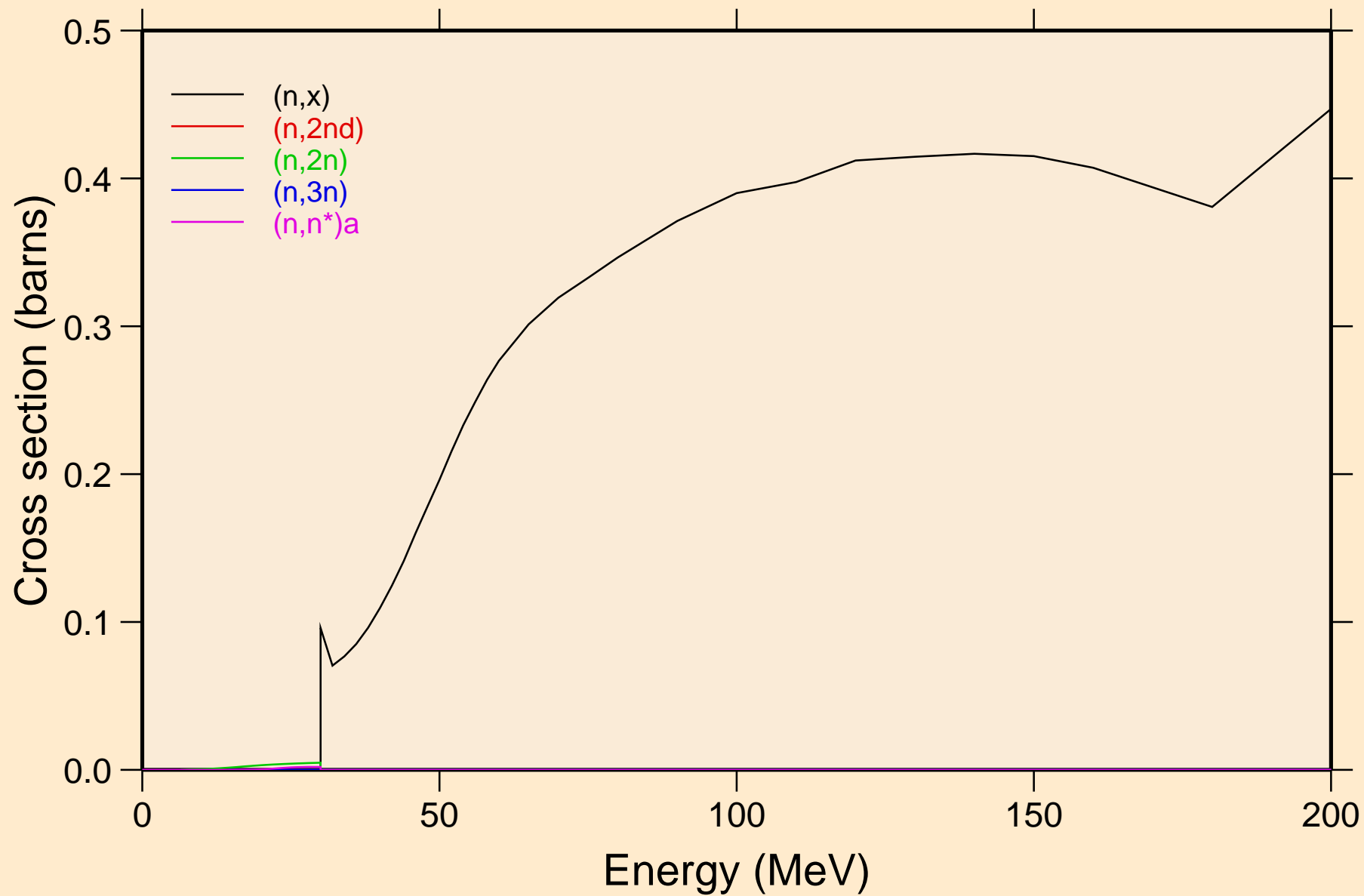


PU233 NRG TENDL-2015, AKONING  
Inelastic levels



# PU233 NRG TENDL-2015, AKONING

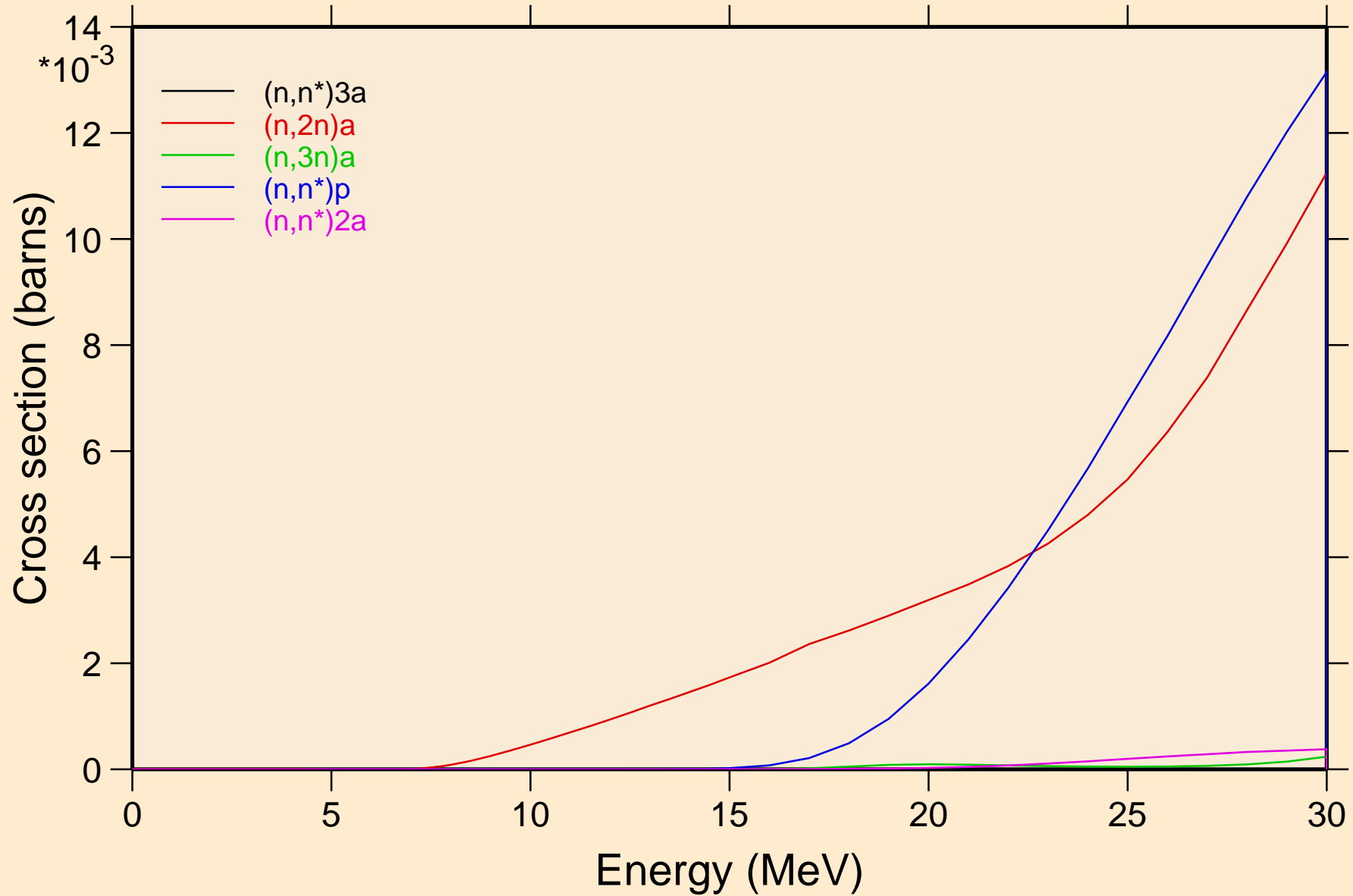
## Threshold reactions





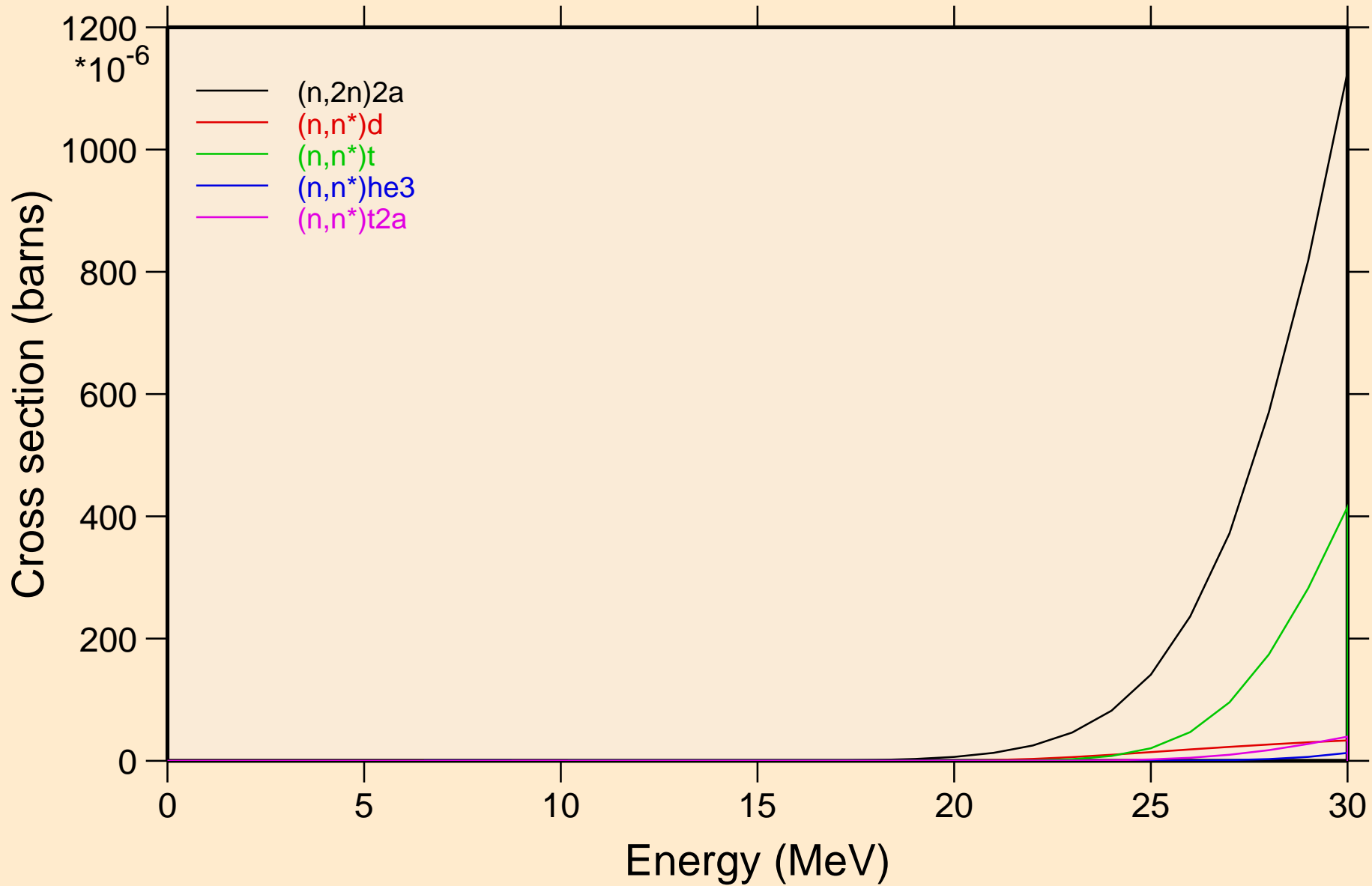
# PU233 NRG TENDL-2015, AKONING

## Threshold reactions



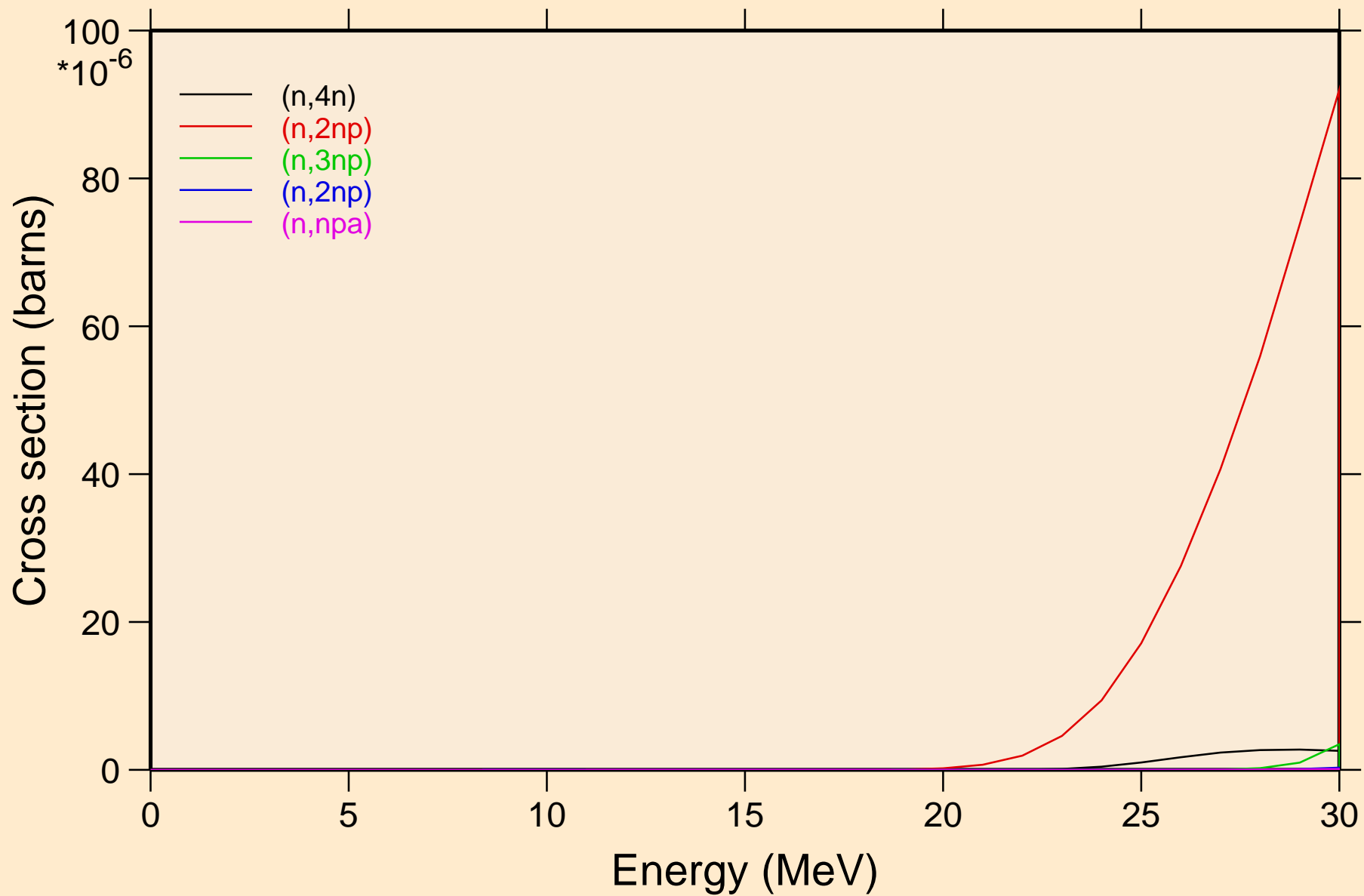
# PU233 NRG TENDL-2015, AKONING

## Threshold reactions



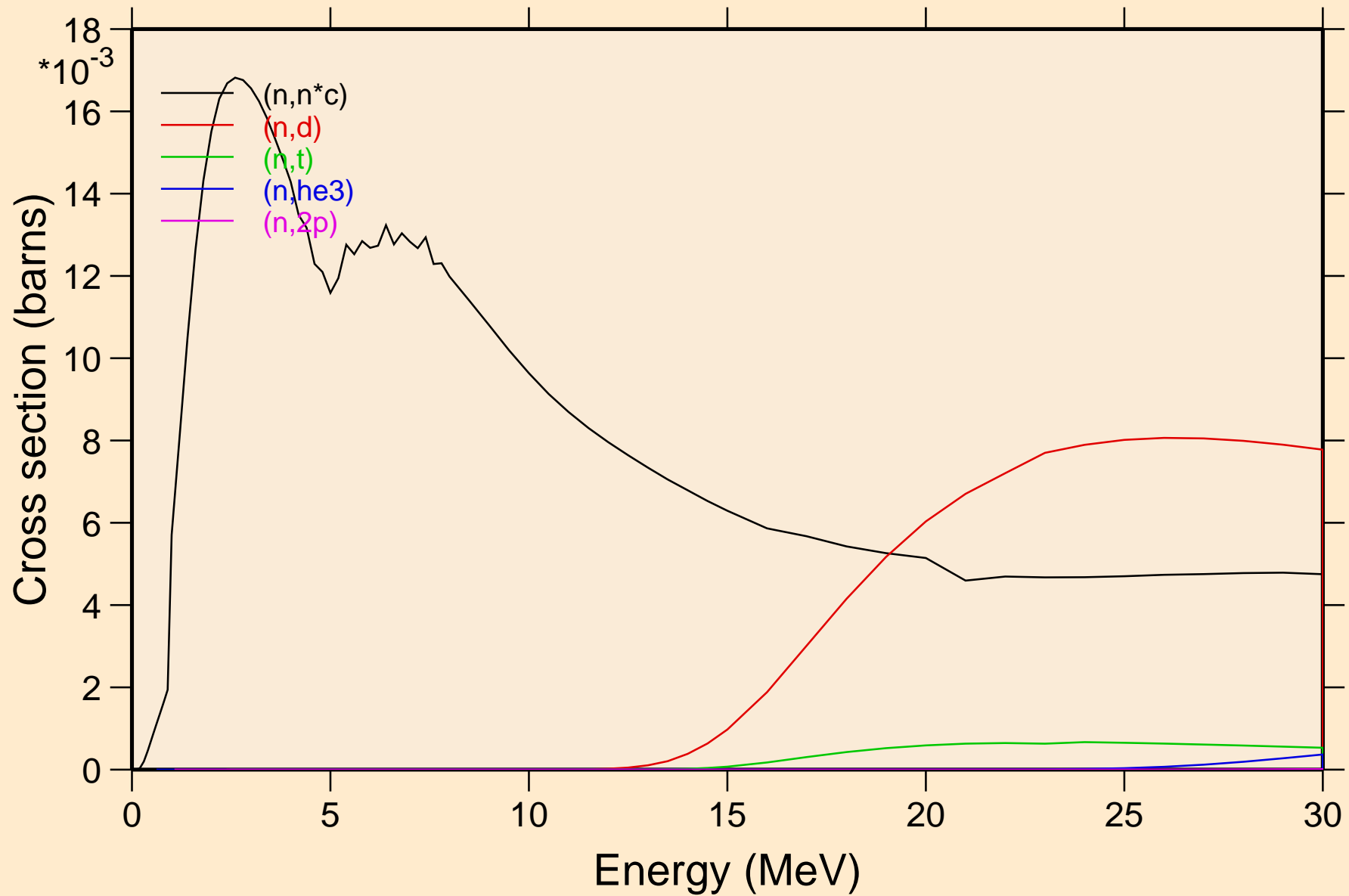
# PU233 NRG TENDL-2015, AKONING

## Threshold reactions



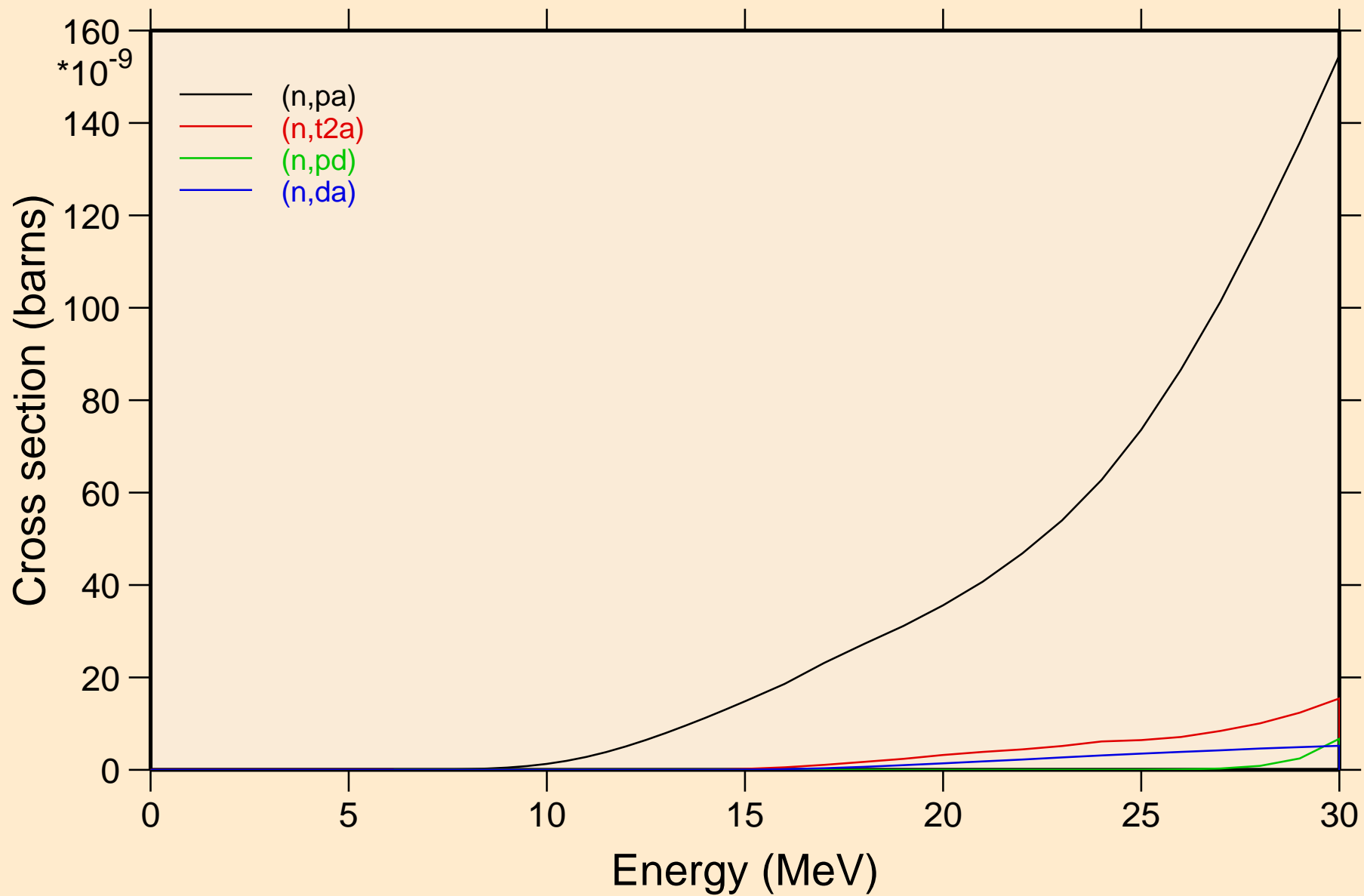
# PU233 NRG TENDL-2015, AKONING

## Threshold reactions

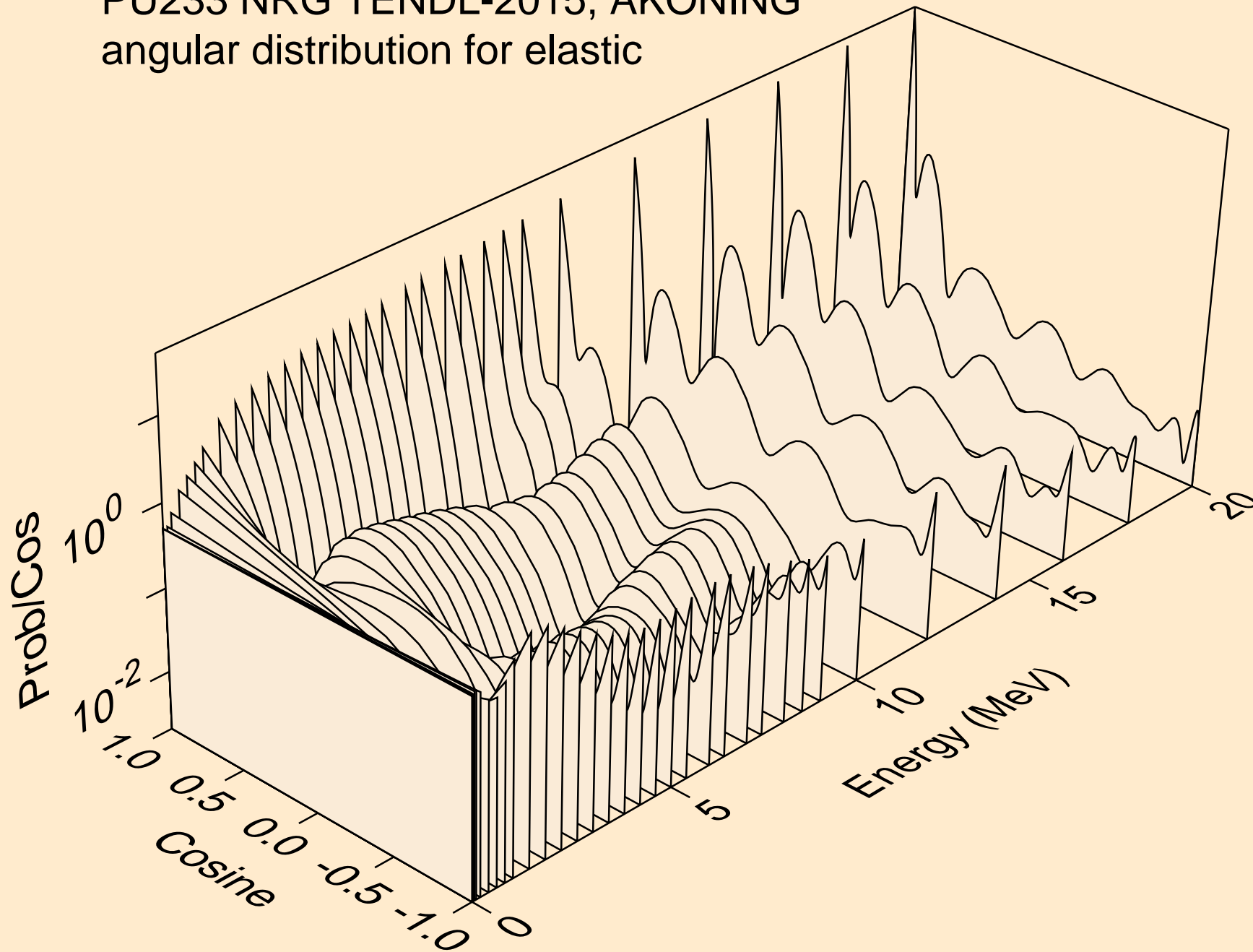


# PU233 NRG TENDL-2015, AKONING

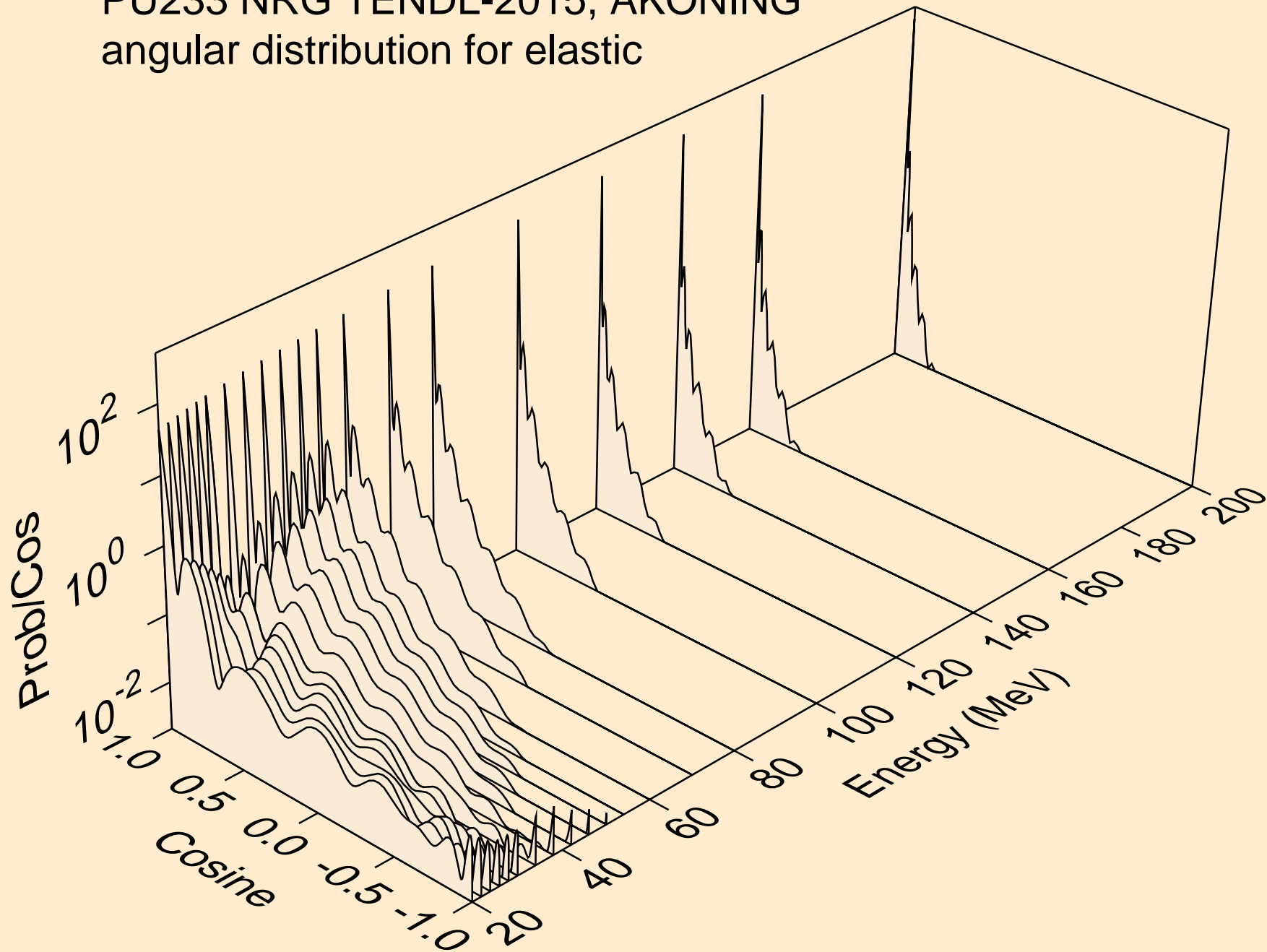
## Threshold reactions



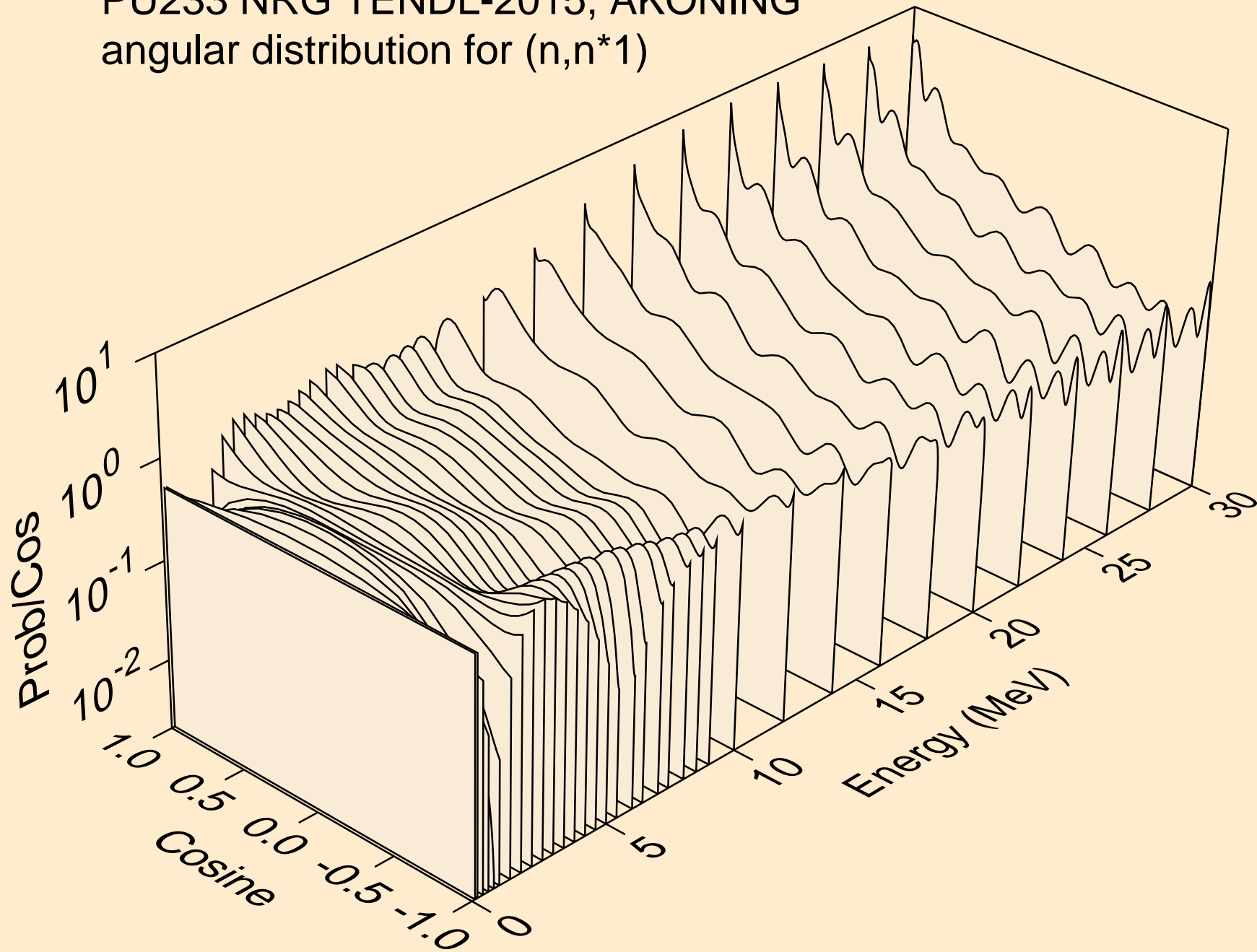
PU233 NRG TENDL-2015, AKONING  
angular distribution for elastic



PU233 NRG TENDL-2015, AKONING  
angular distribution for elastic



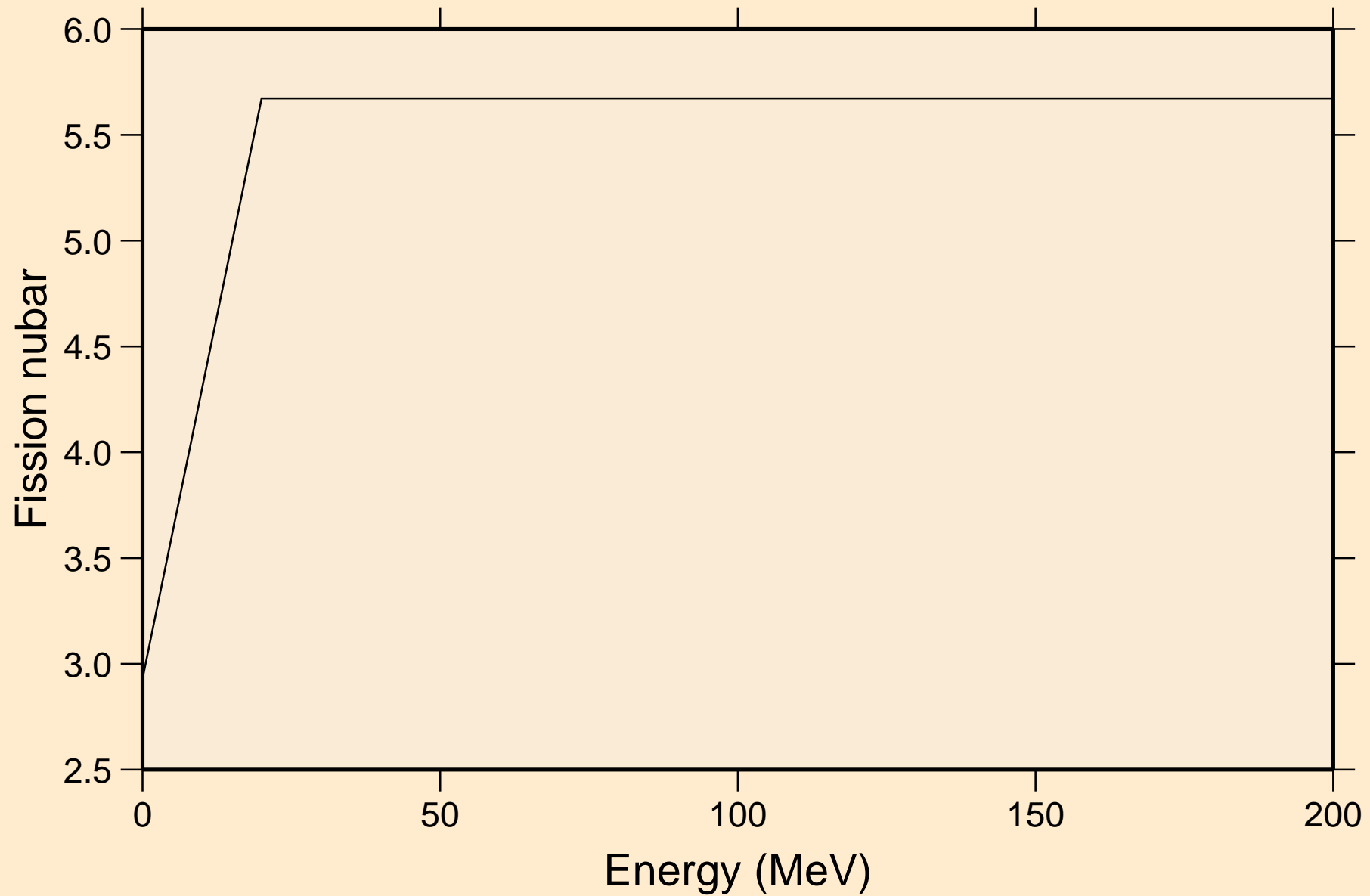
PU233 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



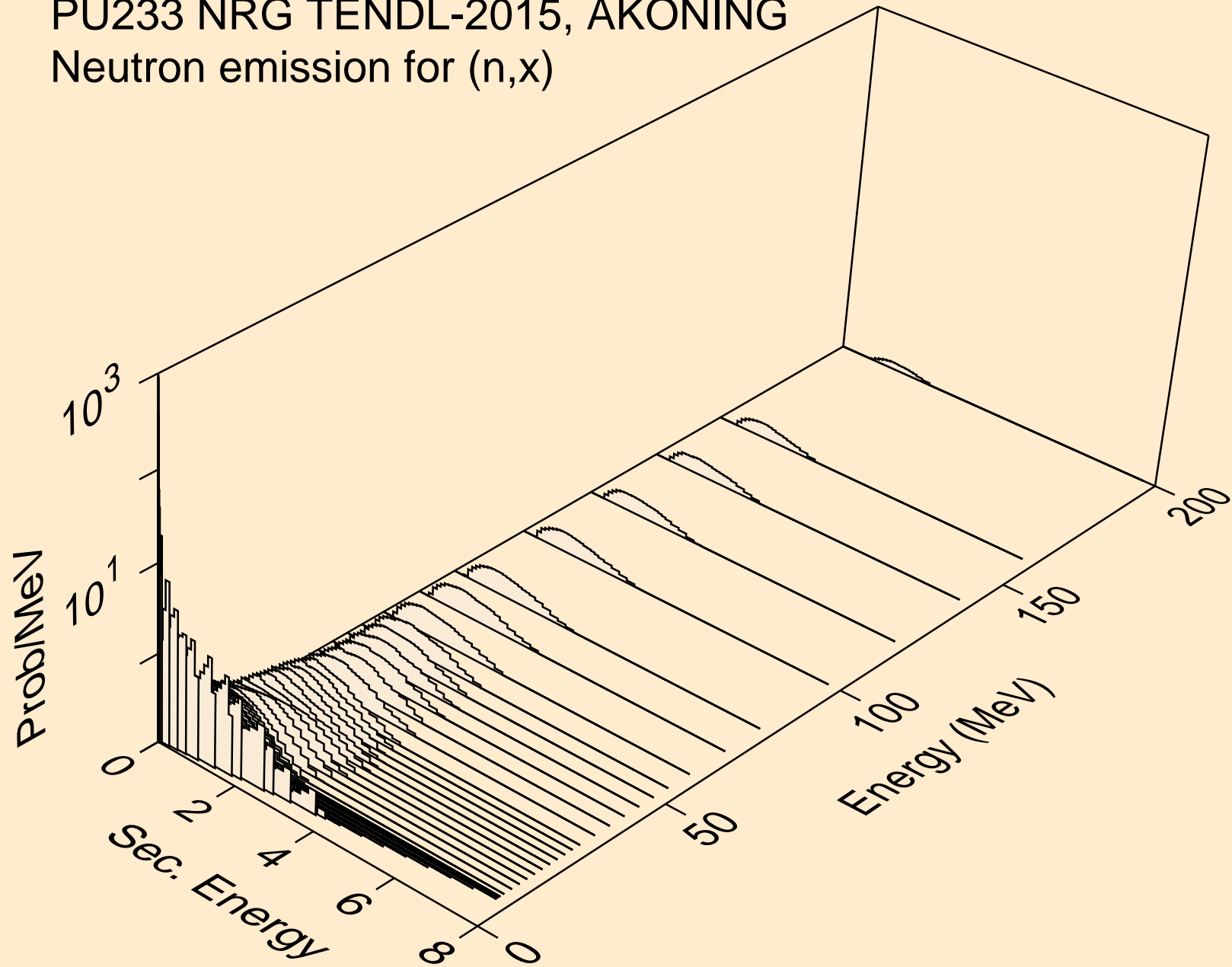


# PU233 NRG TENDL-2015, AKONING

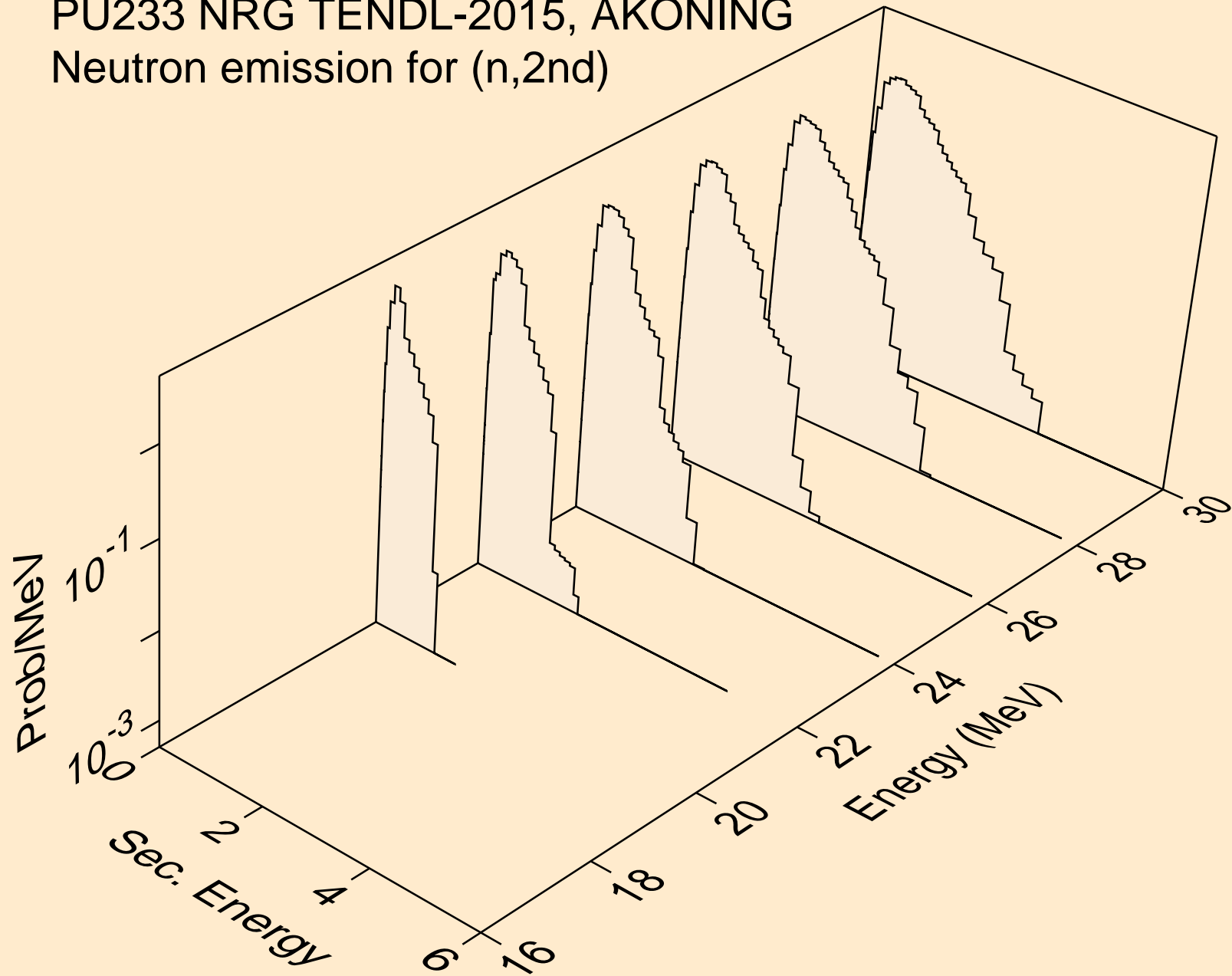
Total fission nubar



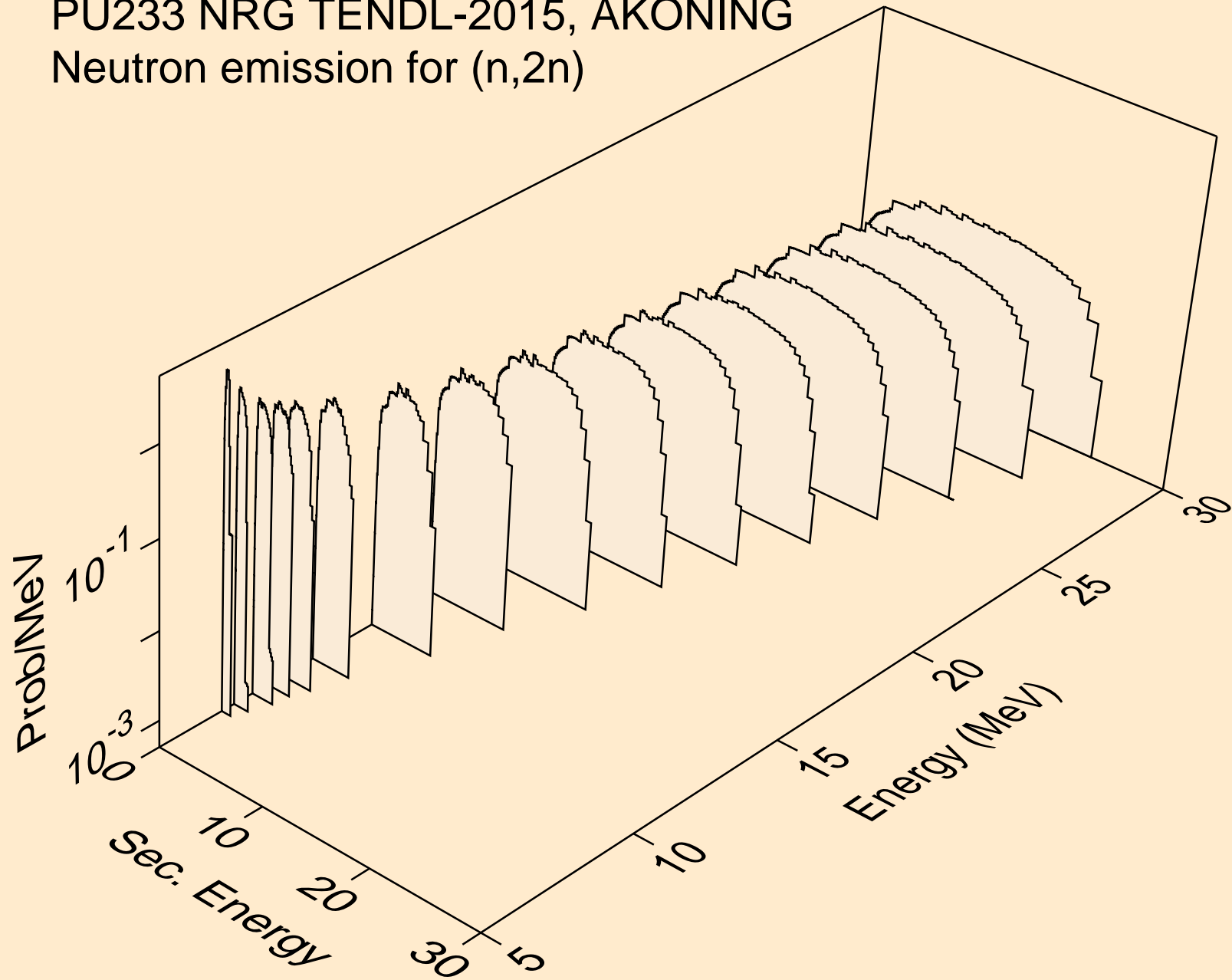
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



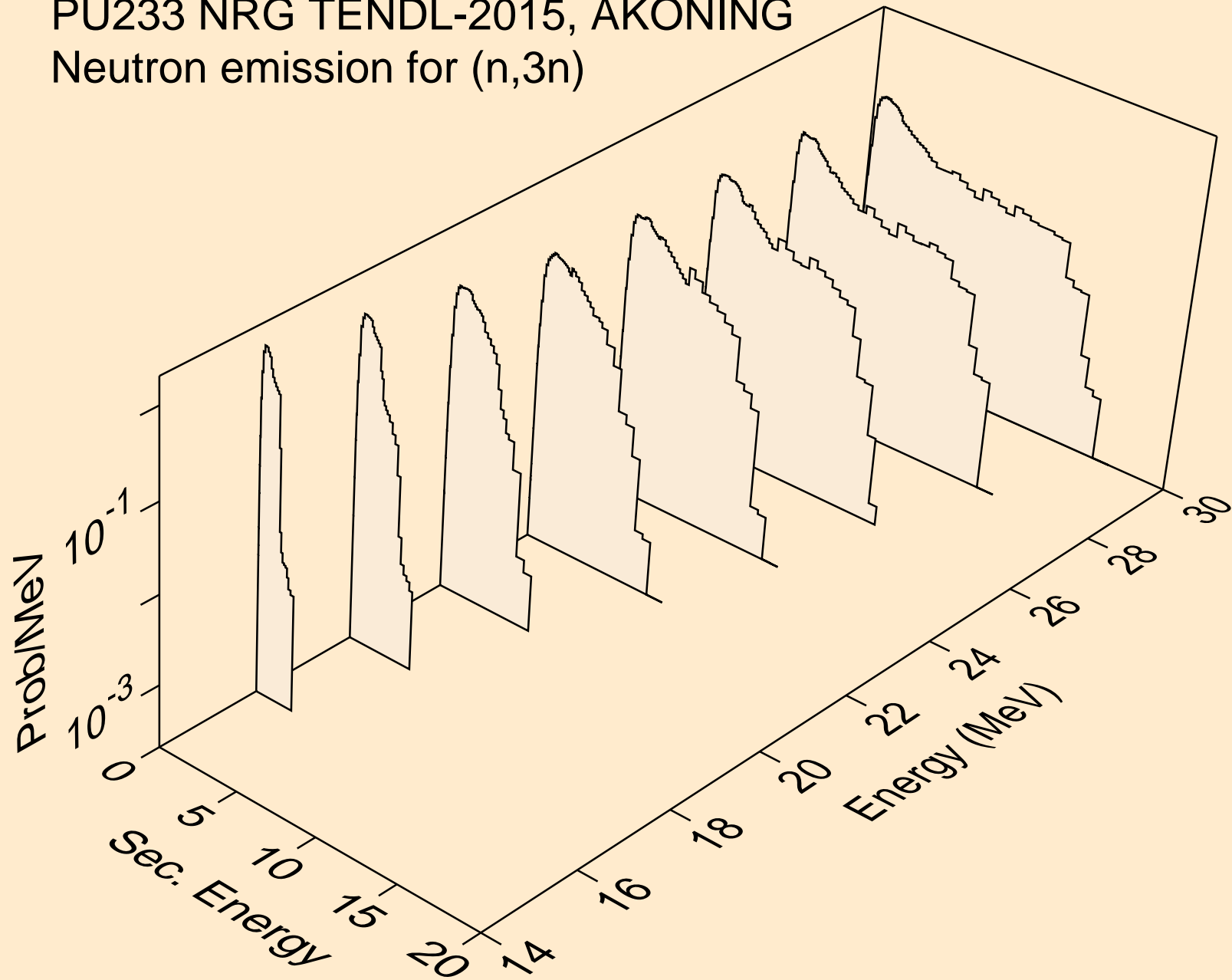
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



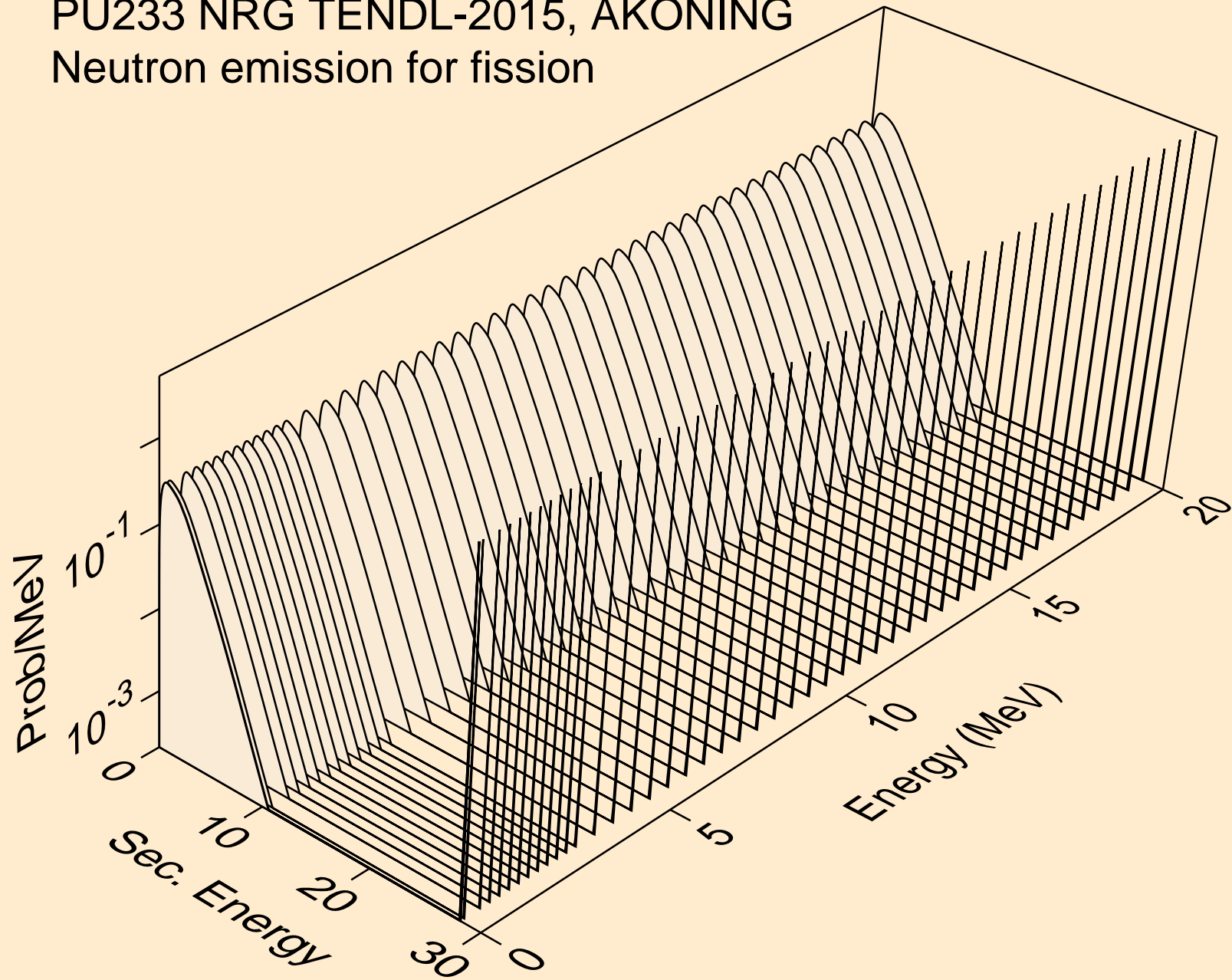
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



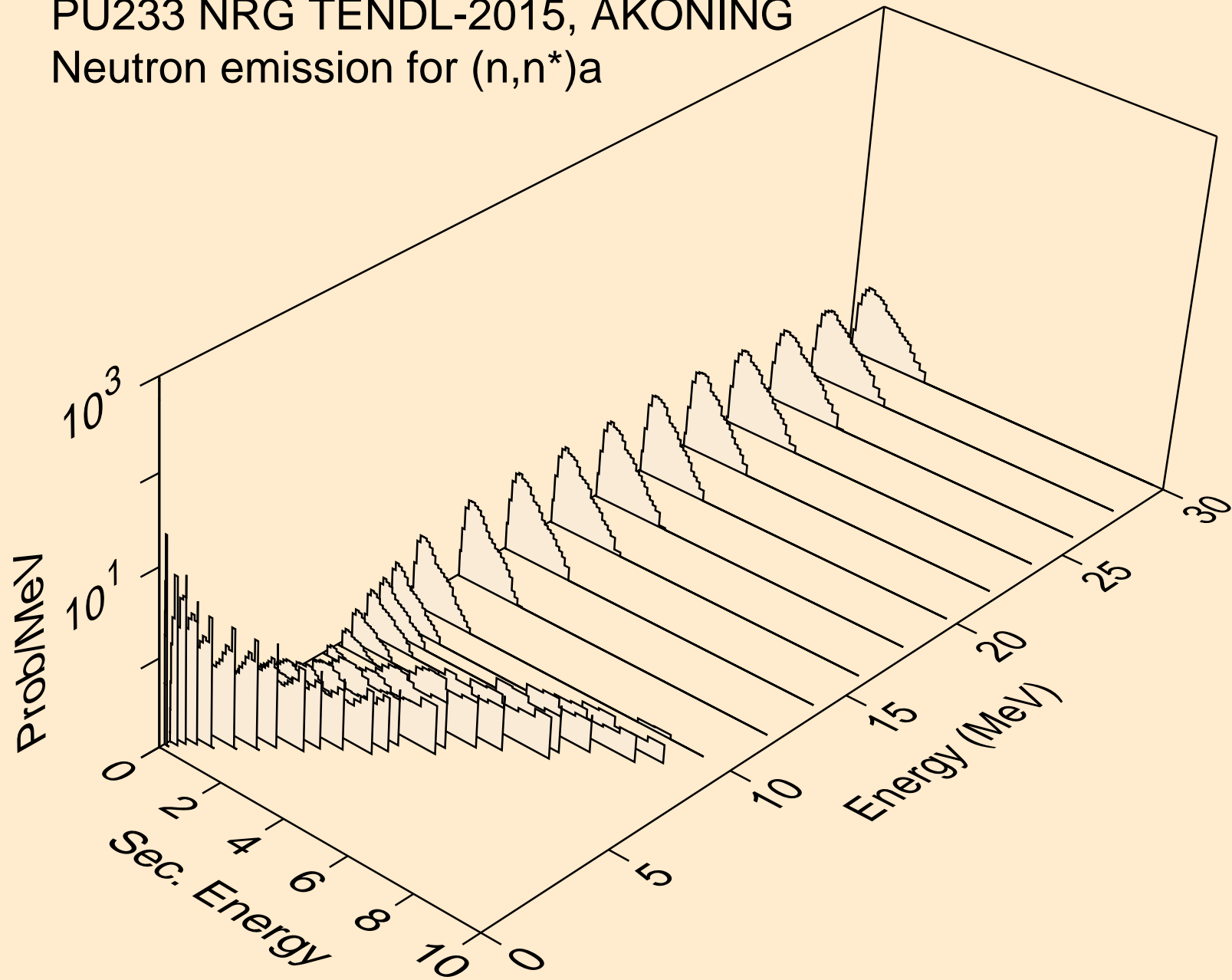
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



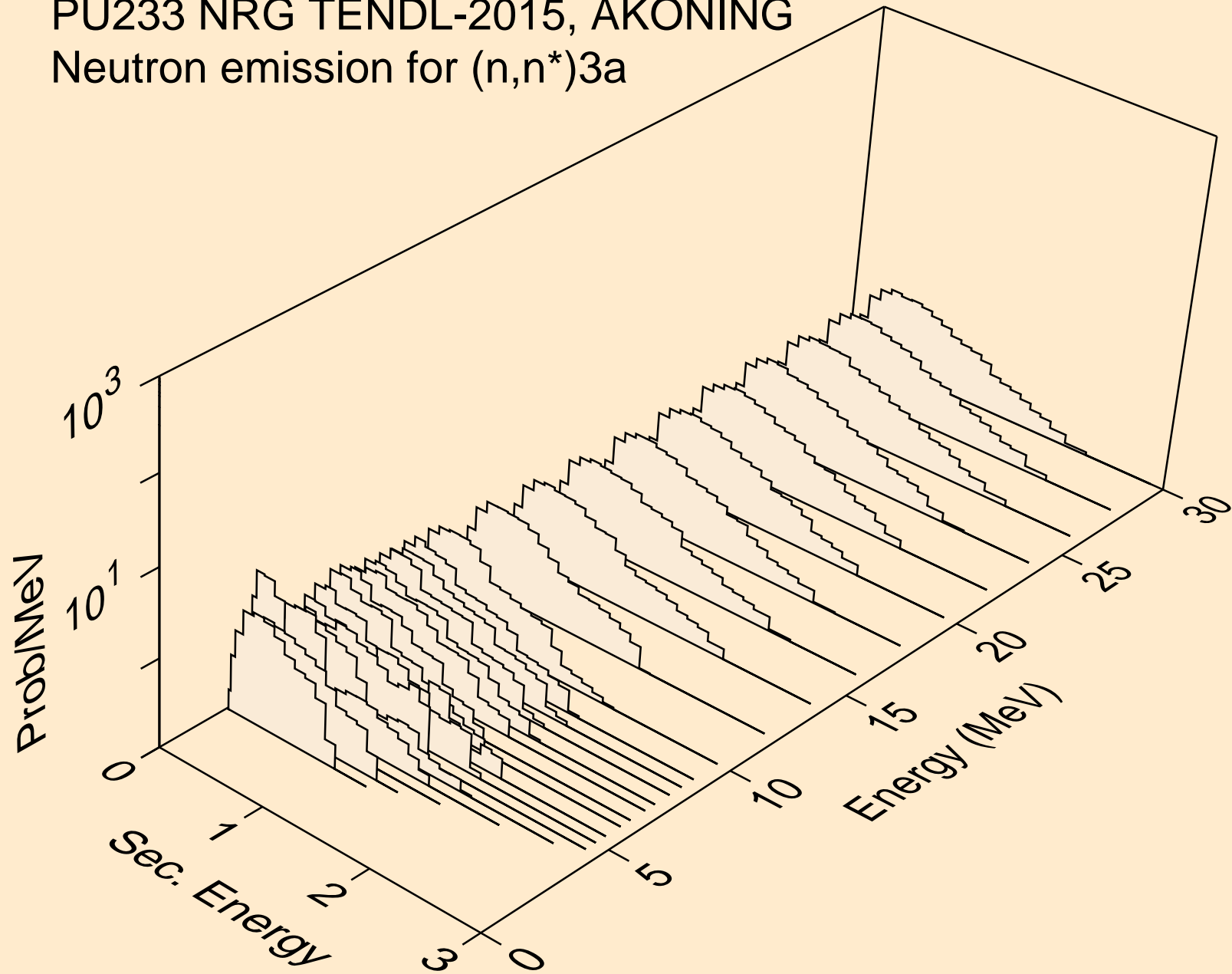
PU233 NRG TENDL-2015, AKONING  
Neutron emission for fission



PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

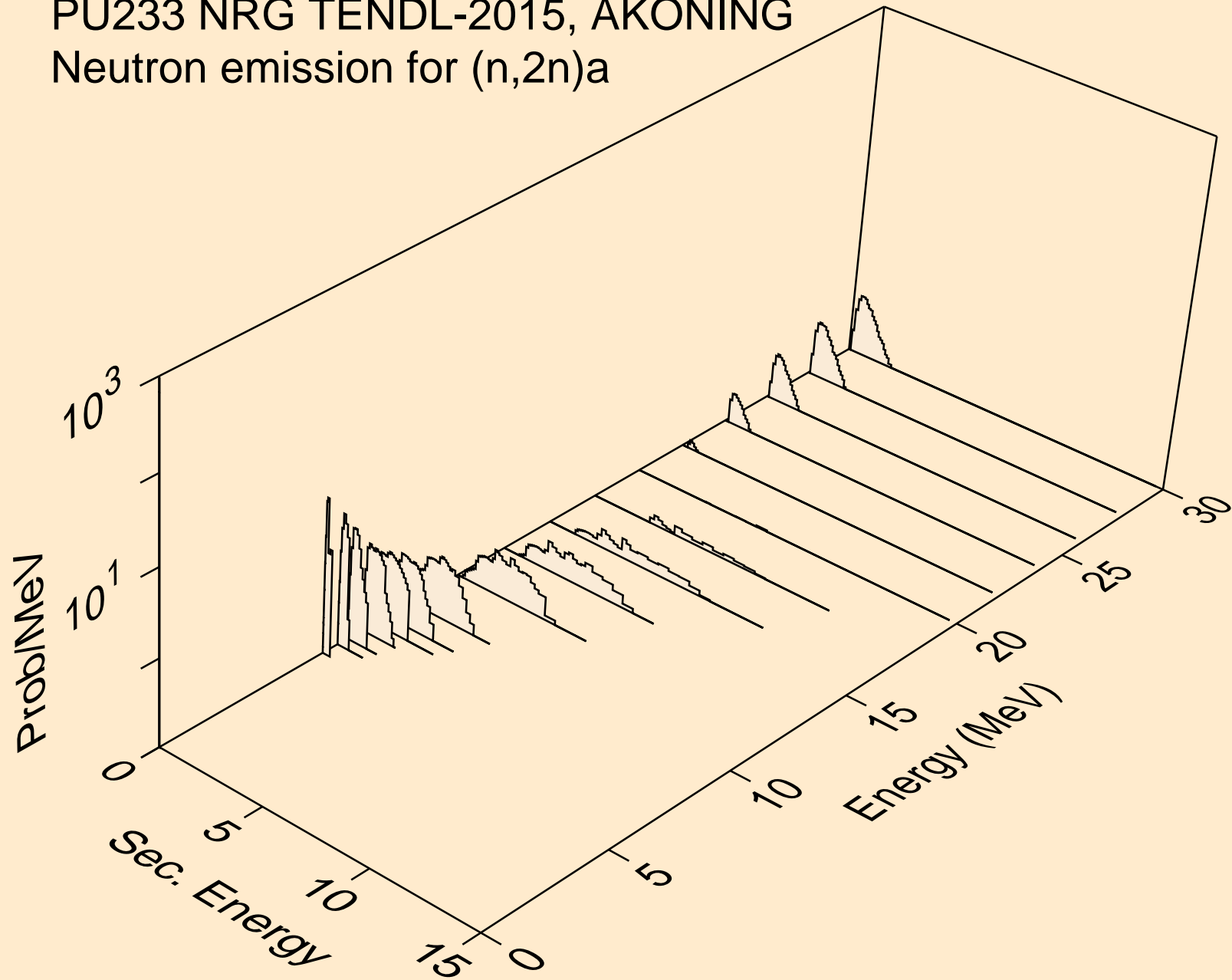


PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

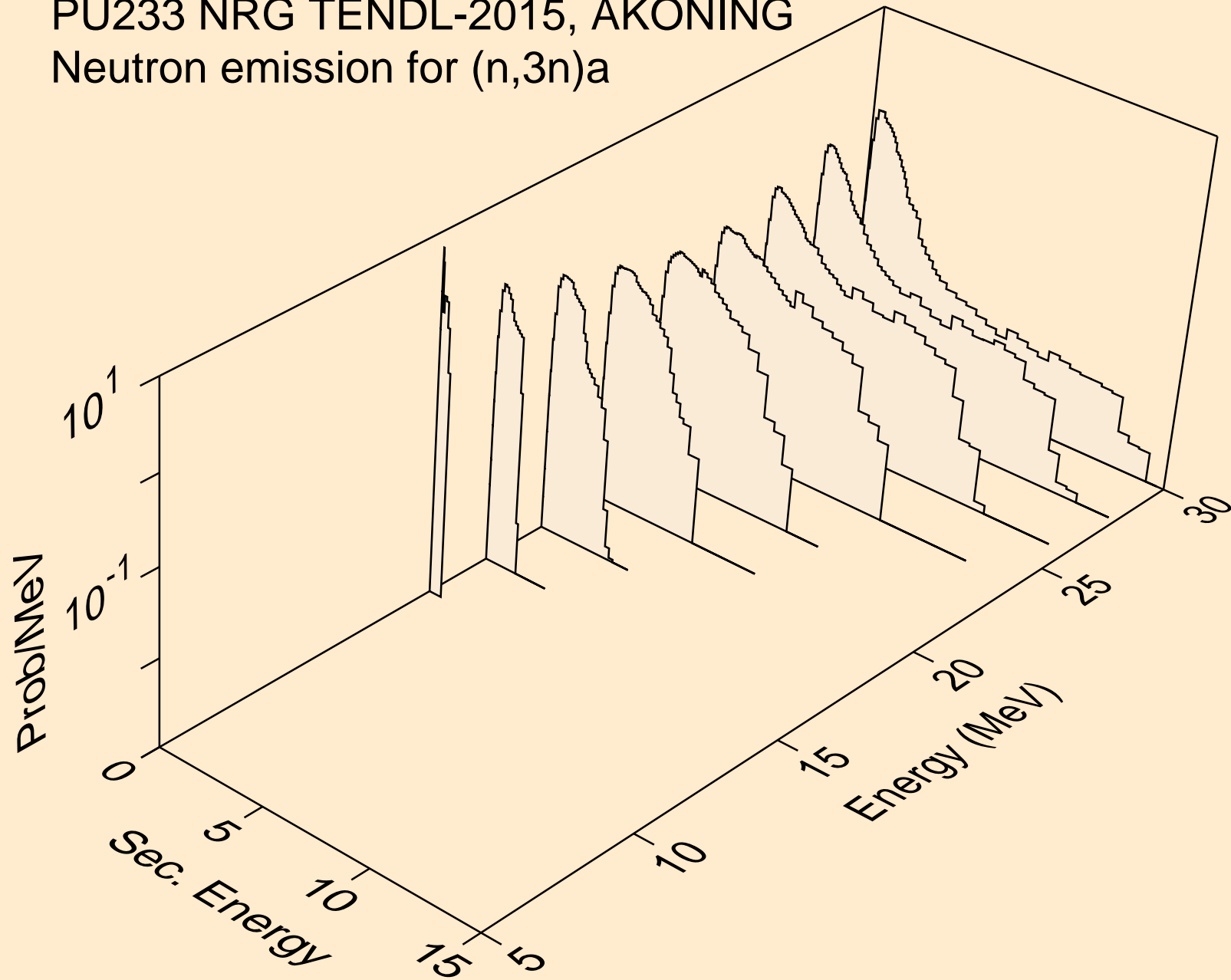




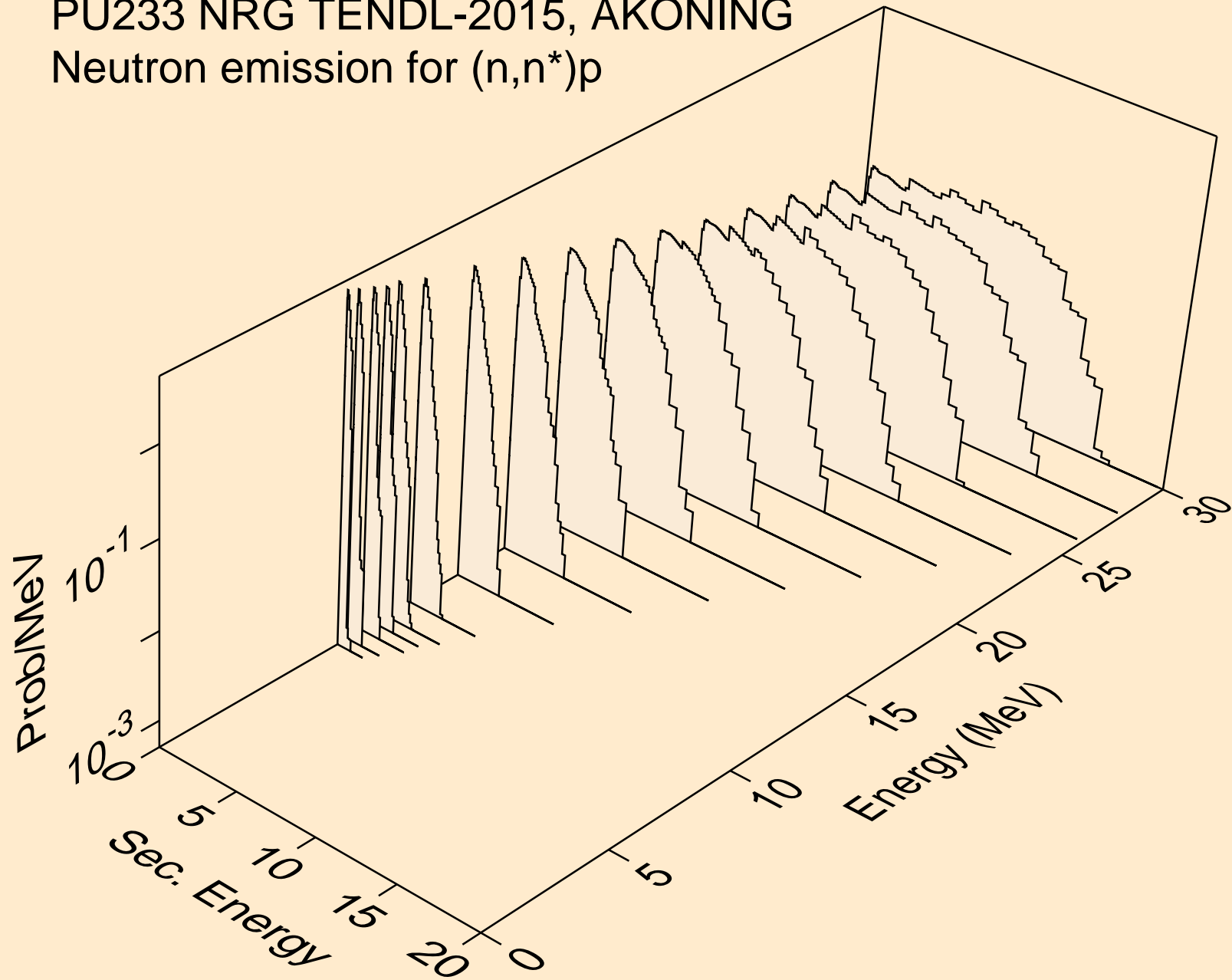
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



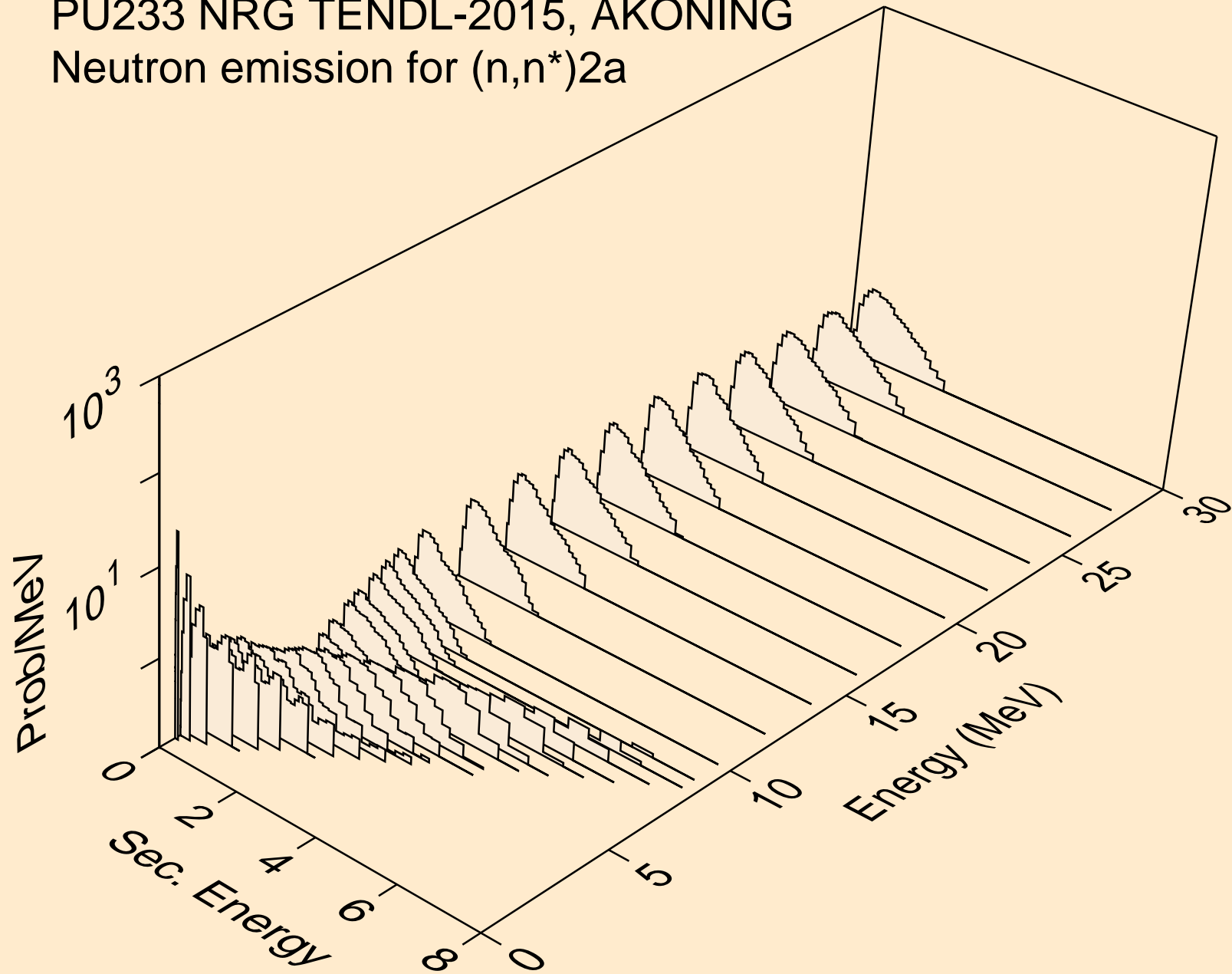
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



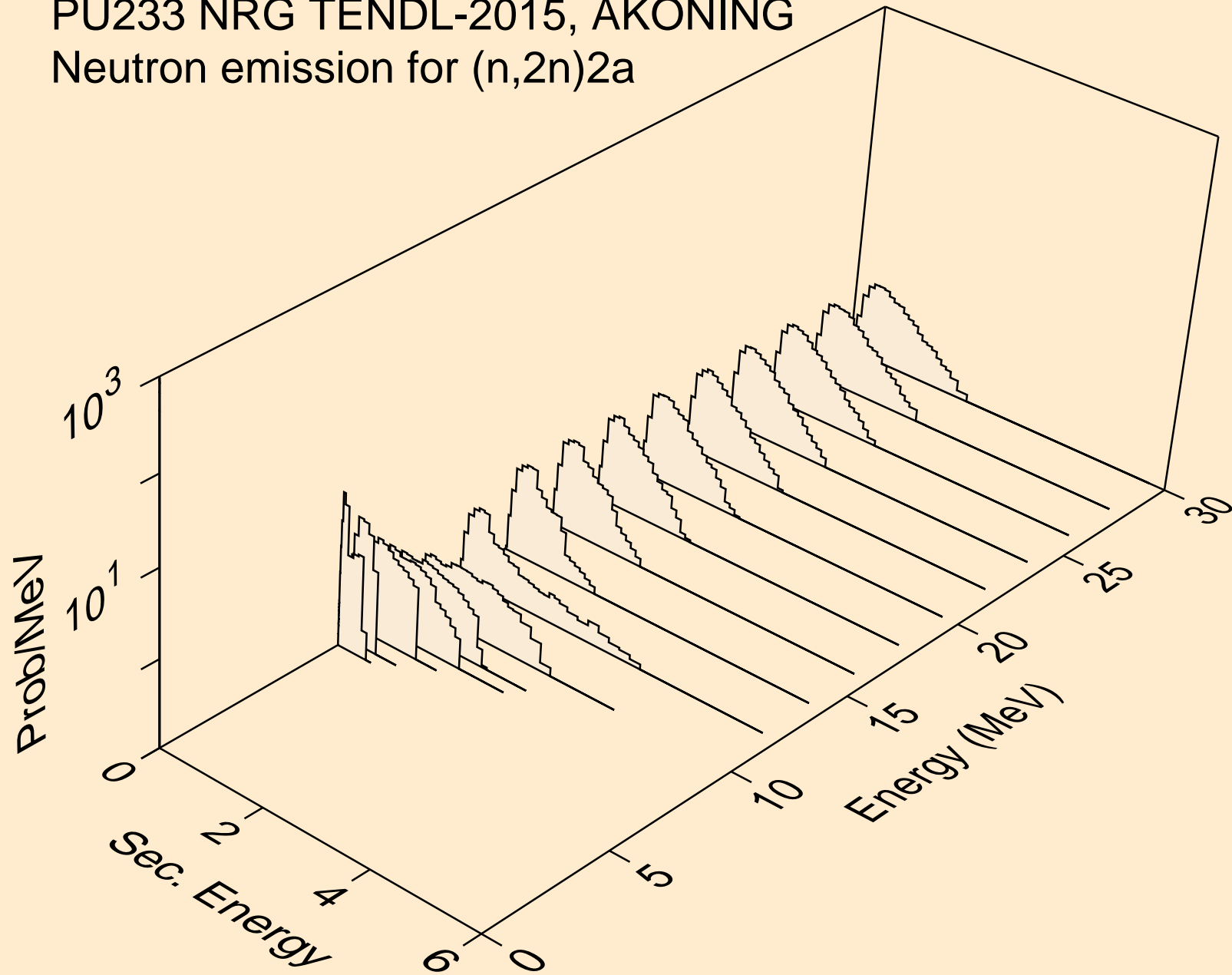
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



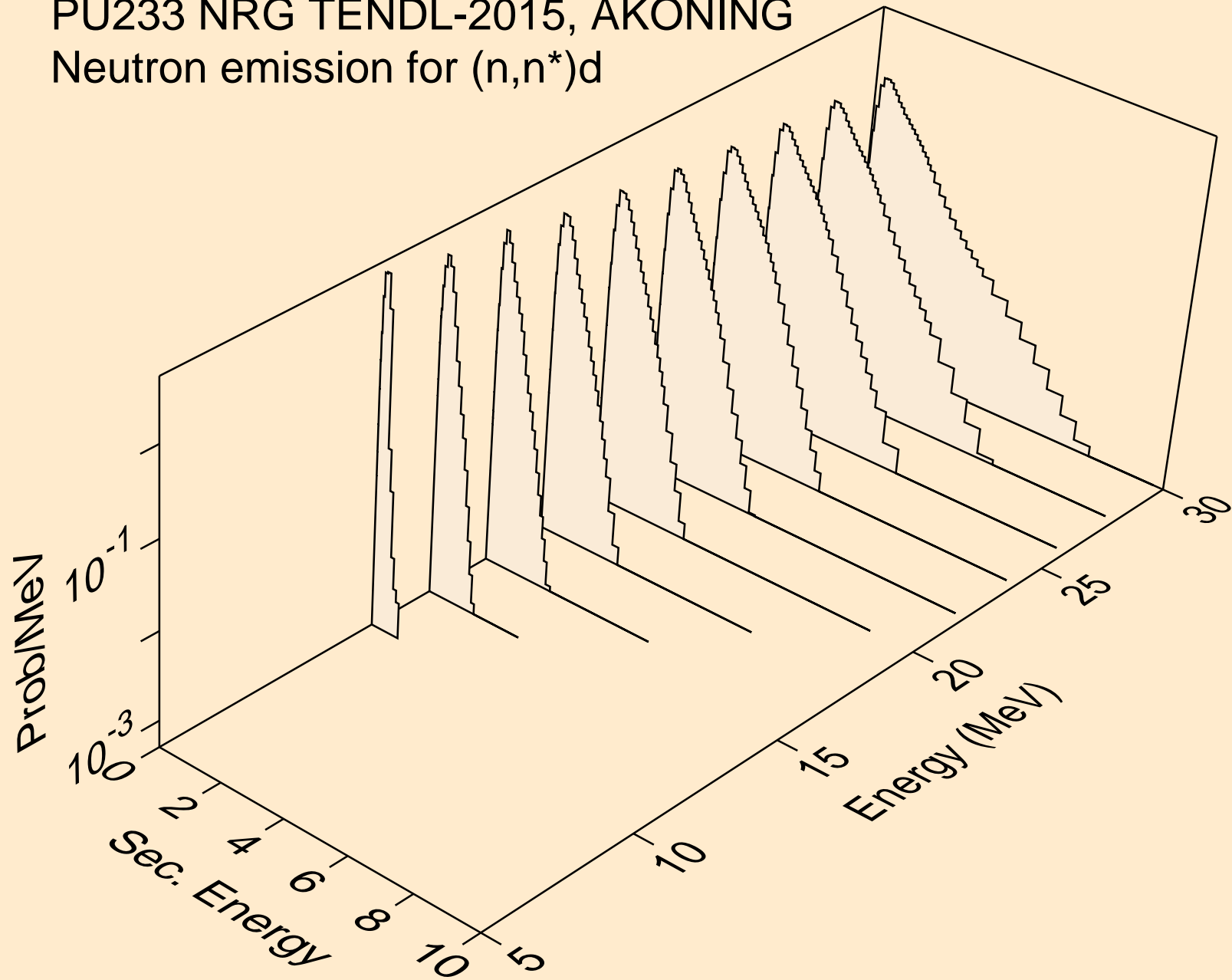
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



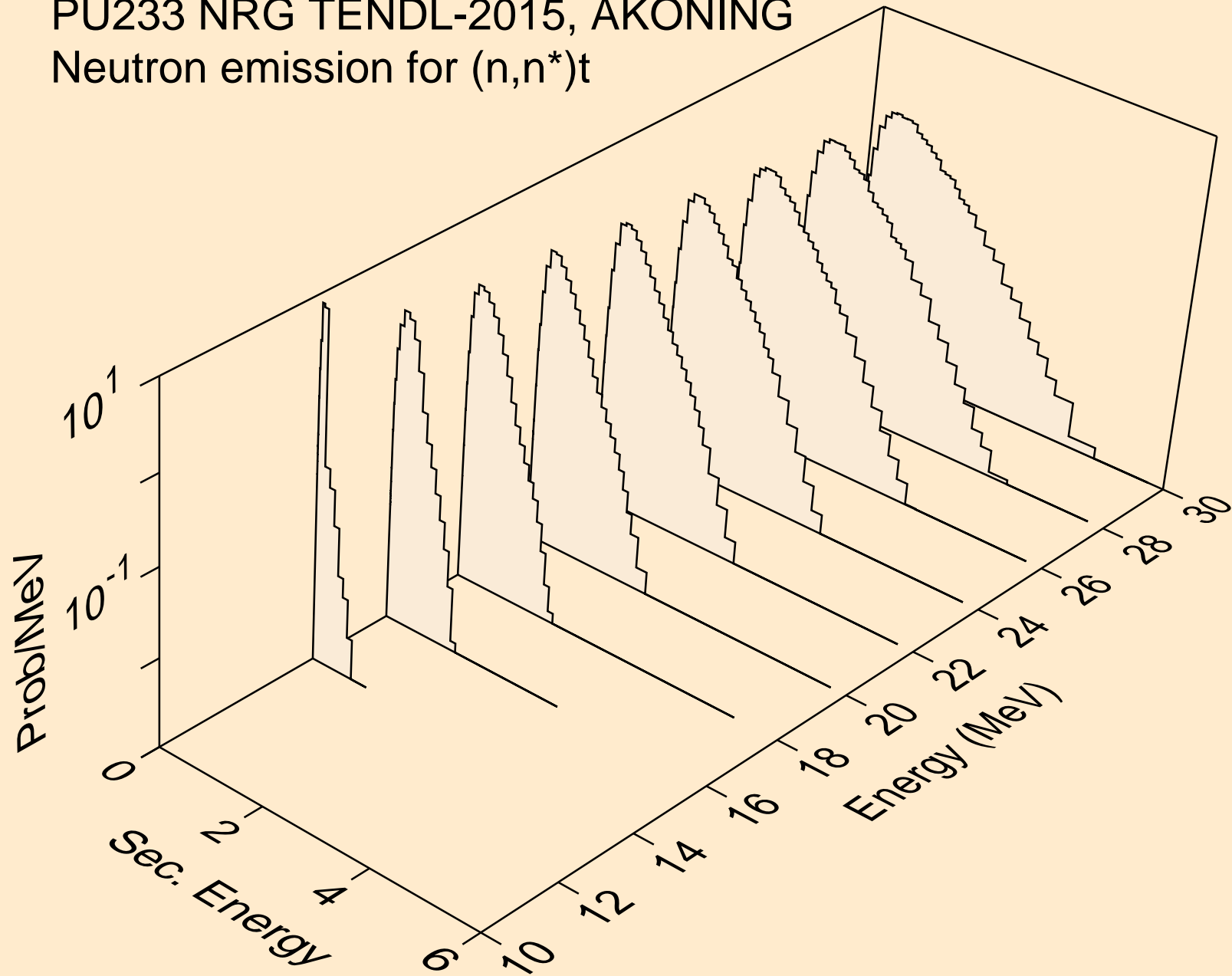
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



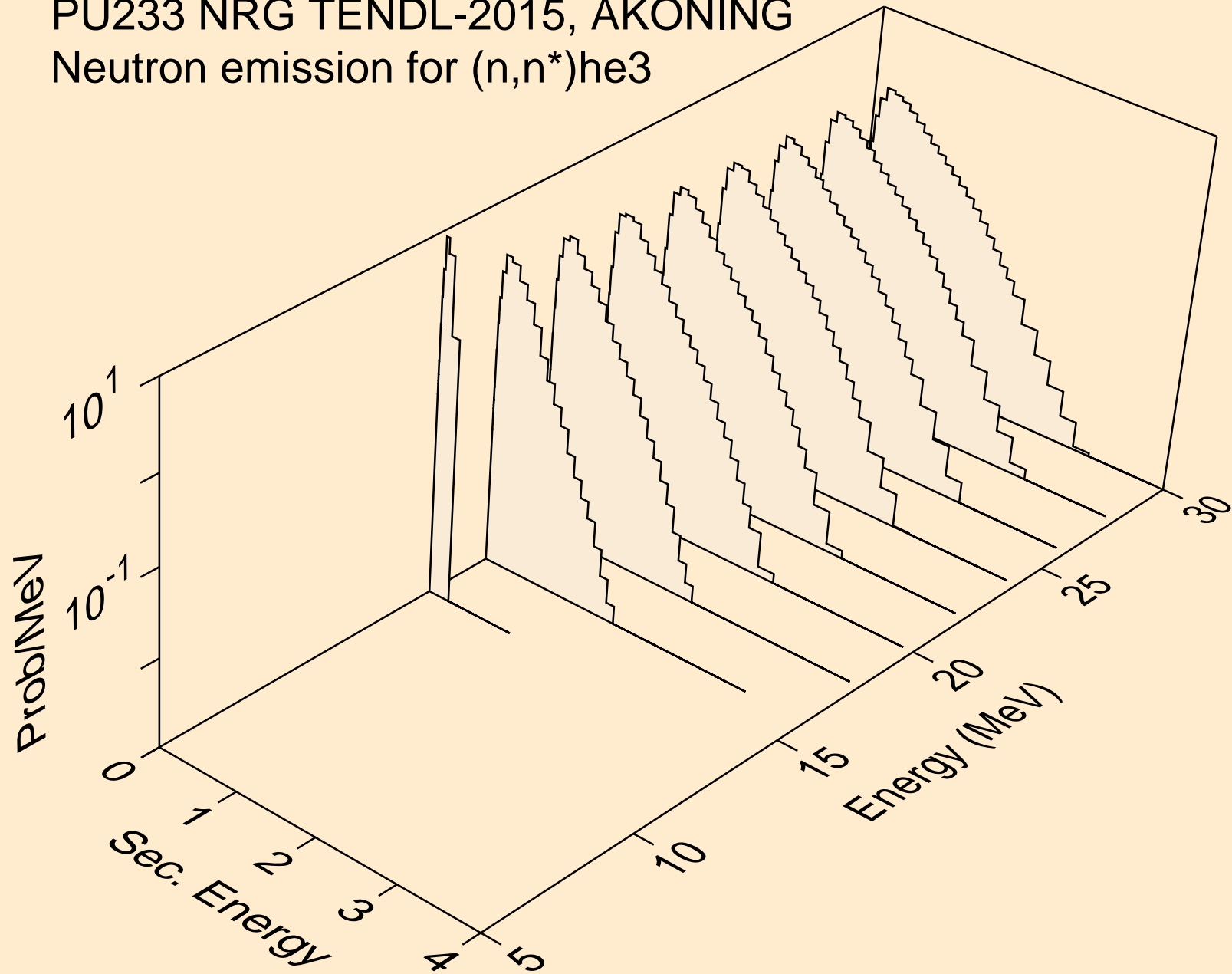
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

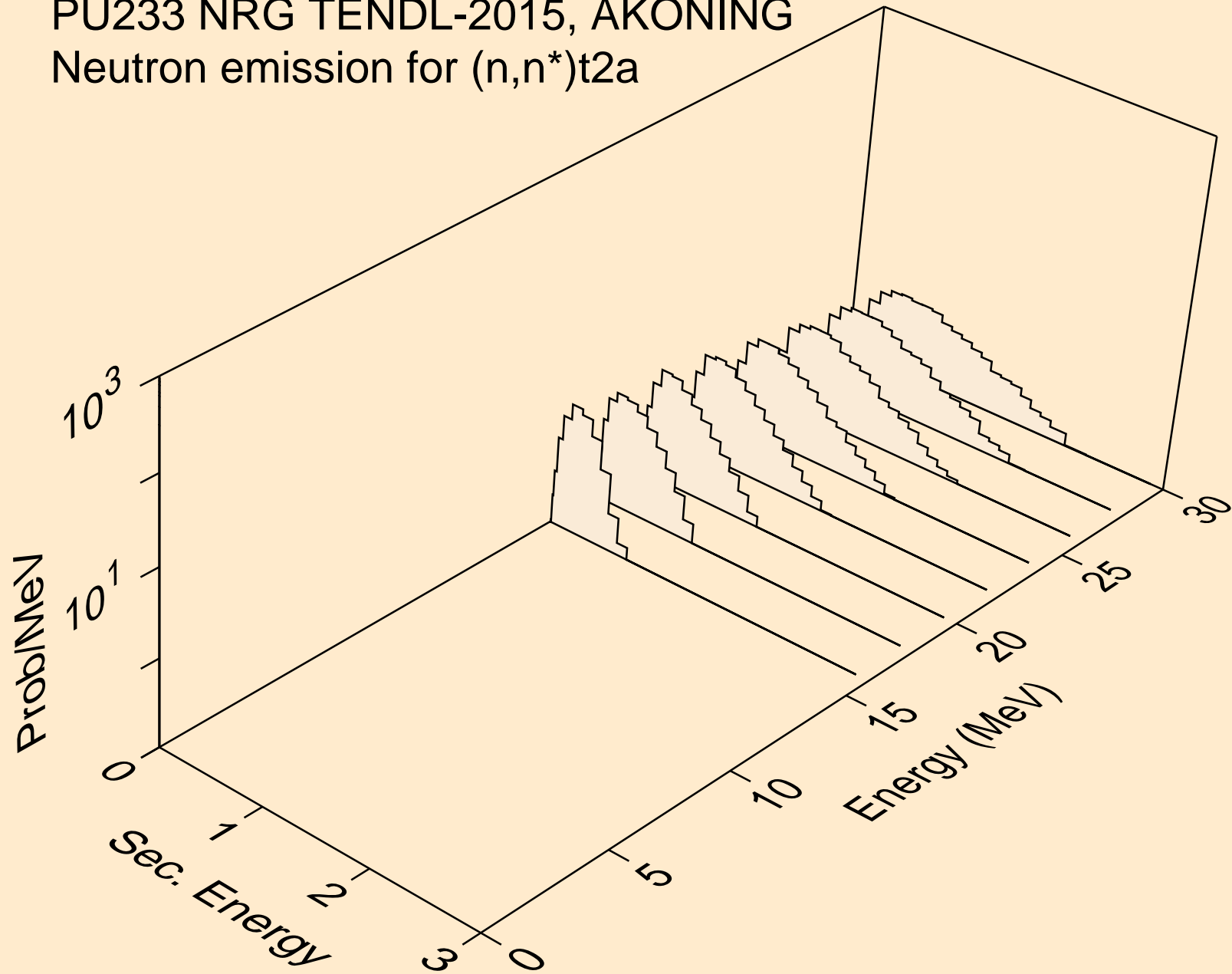


PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

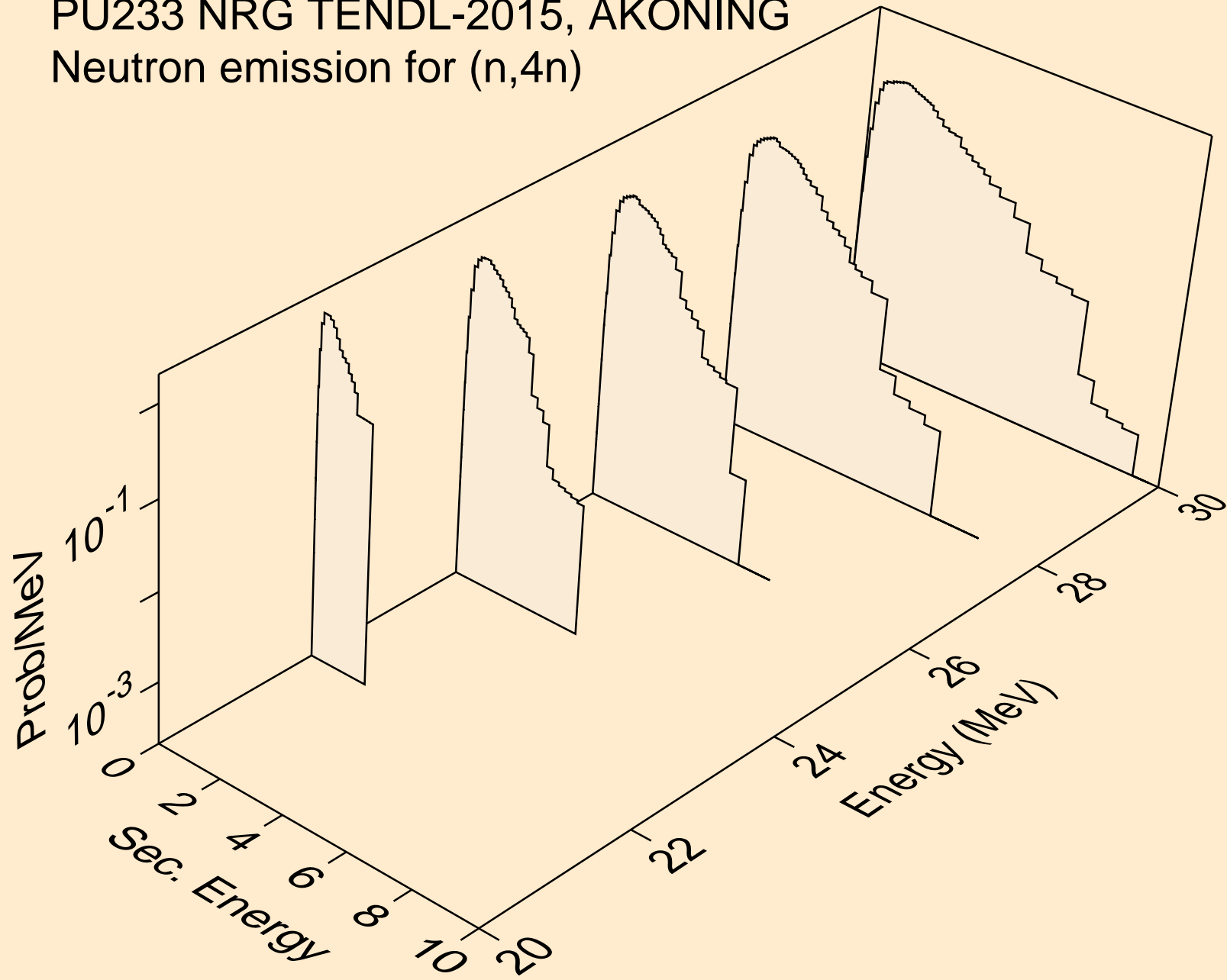




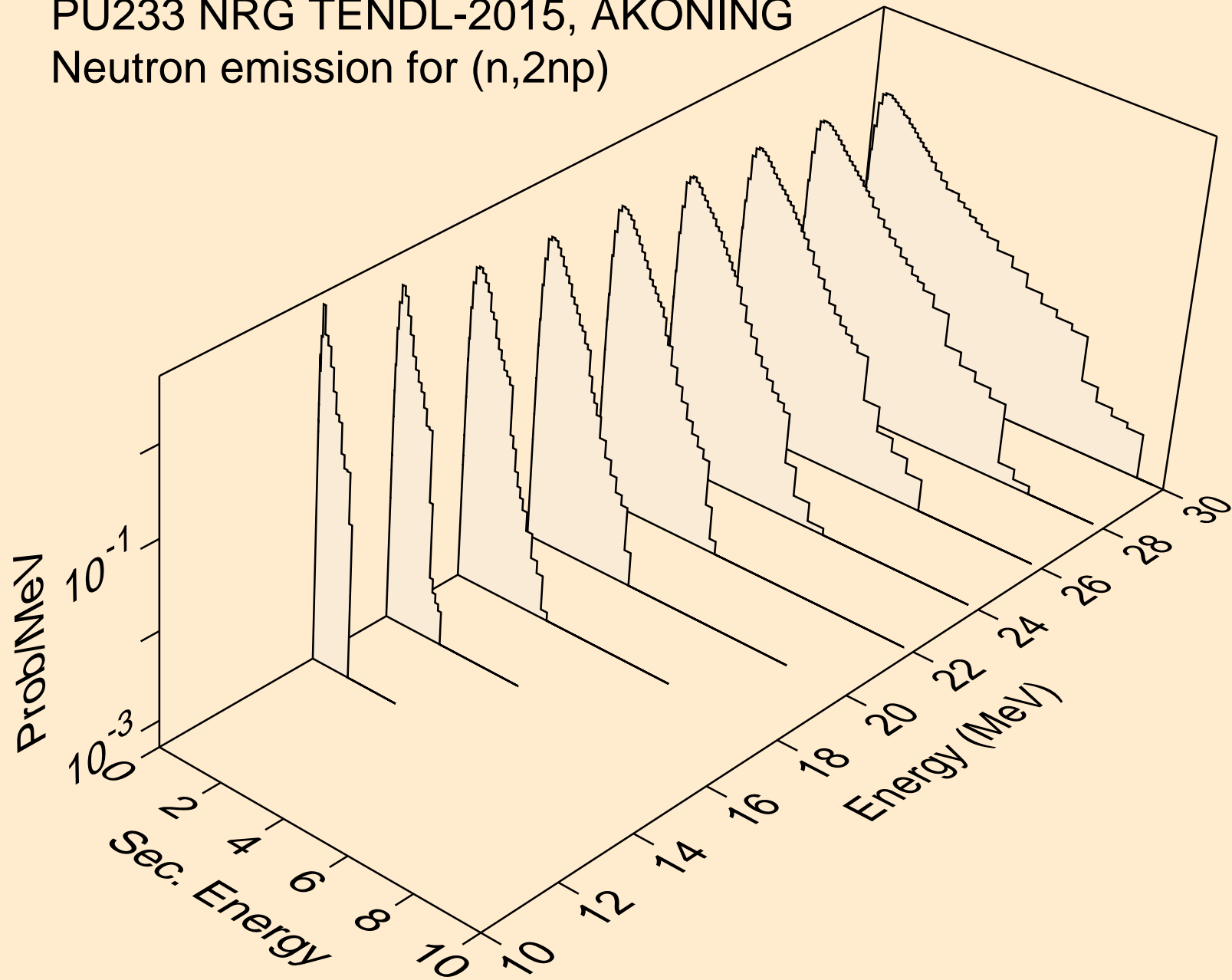
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



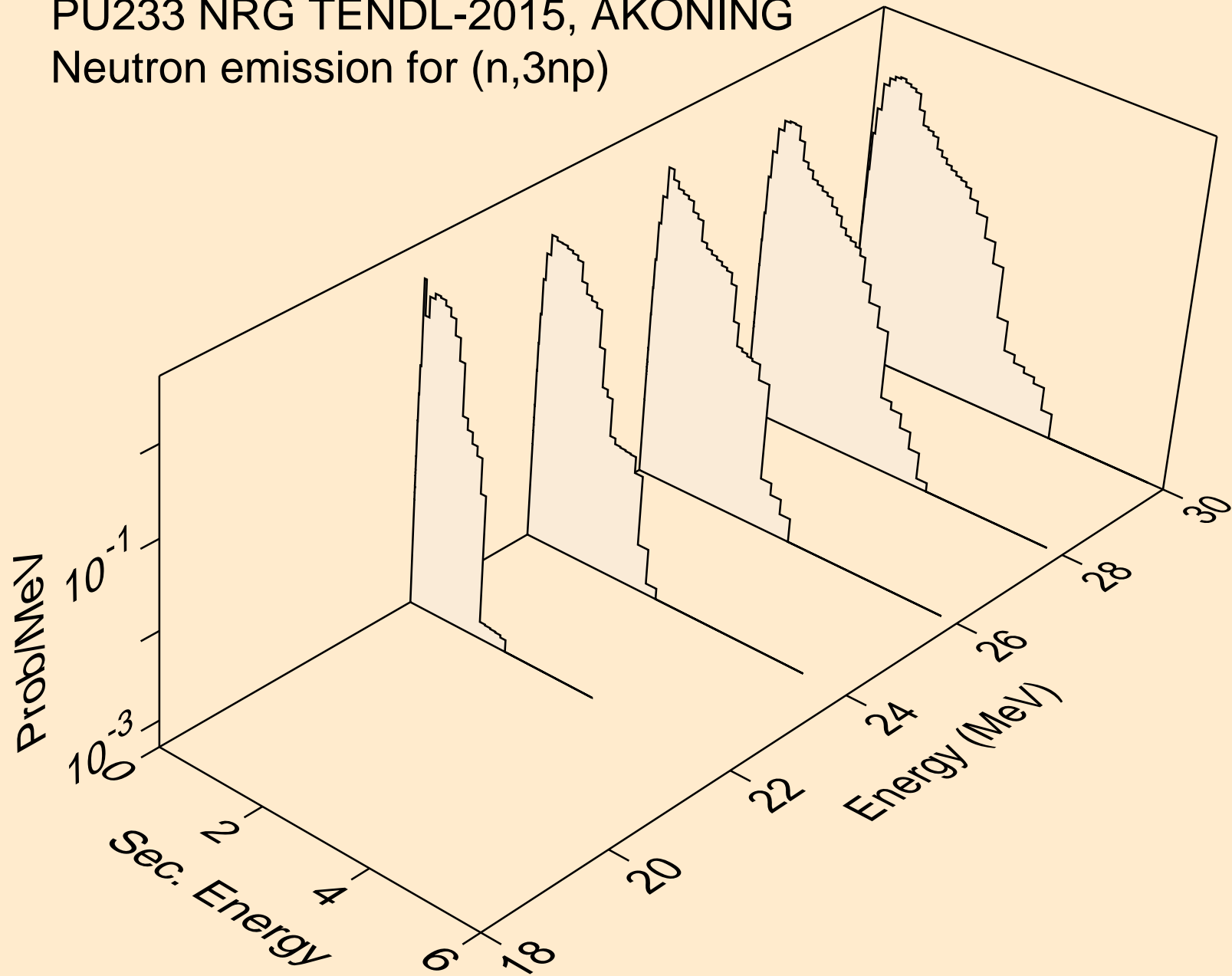
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



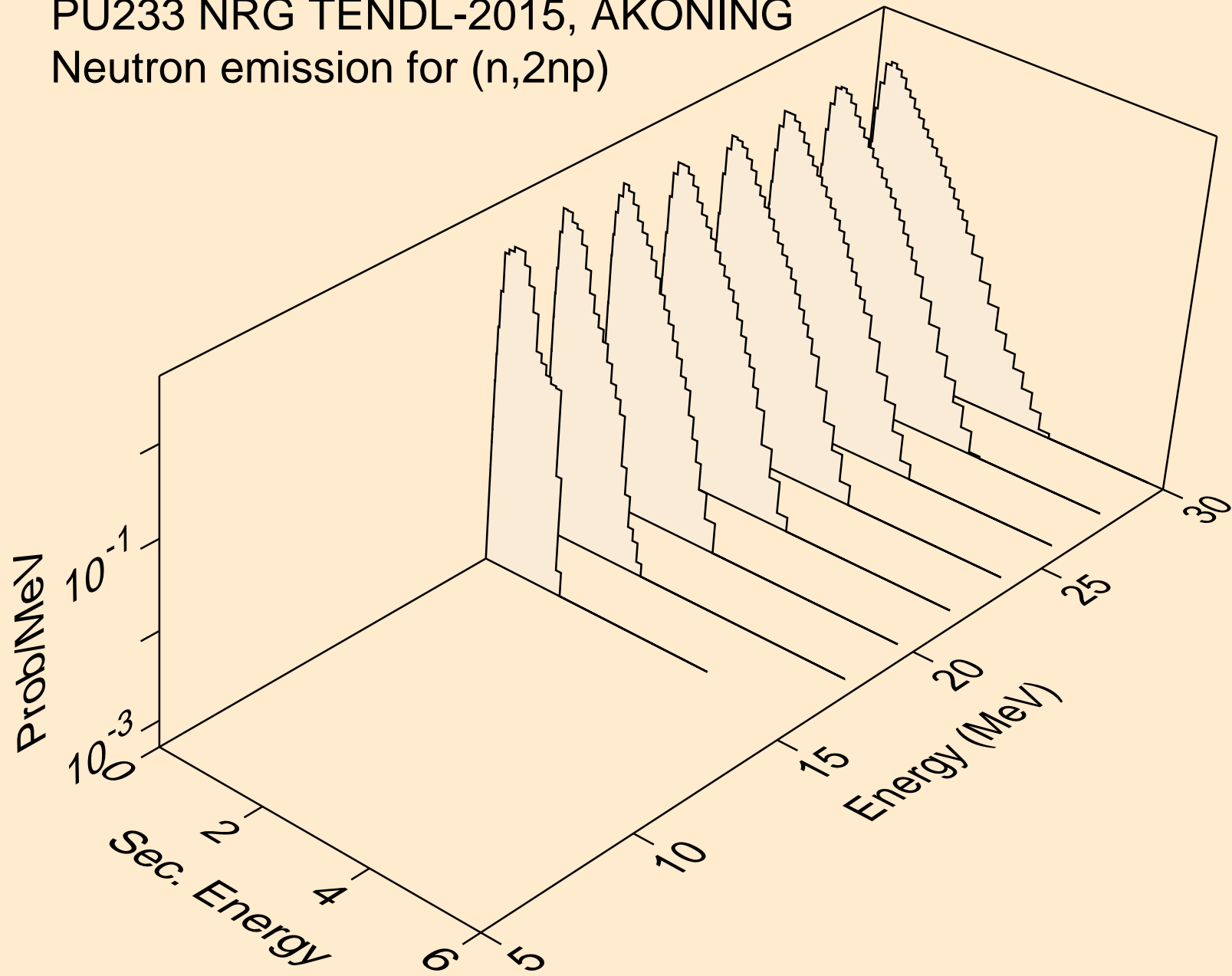
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



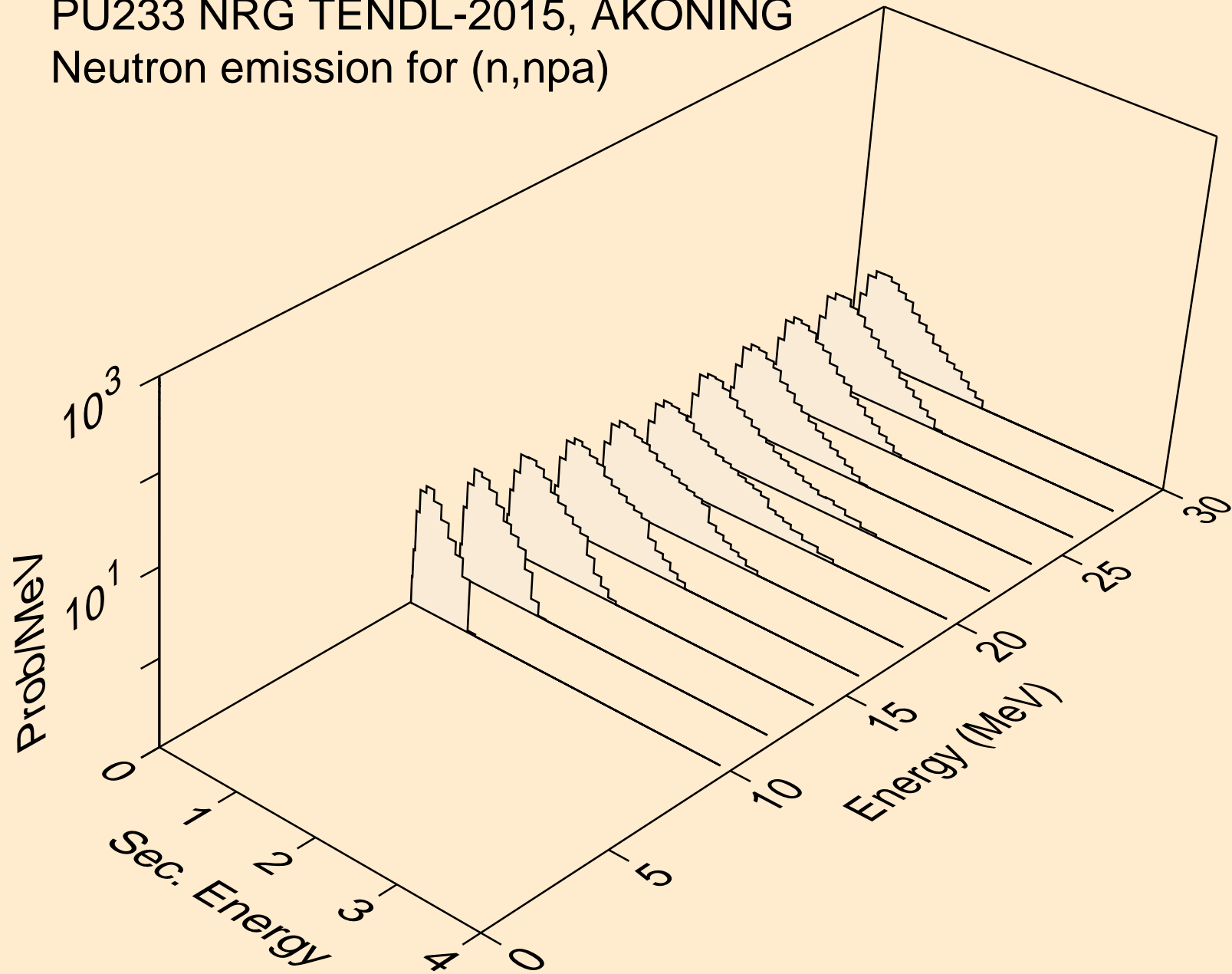
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



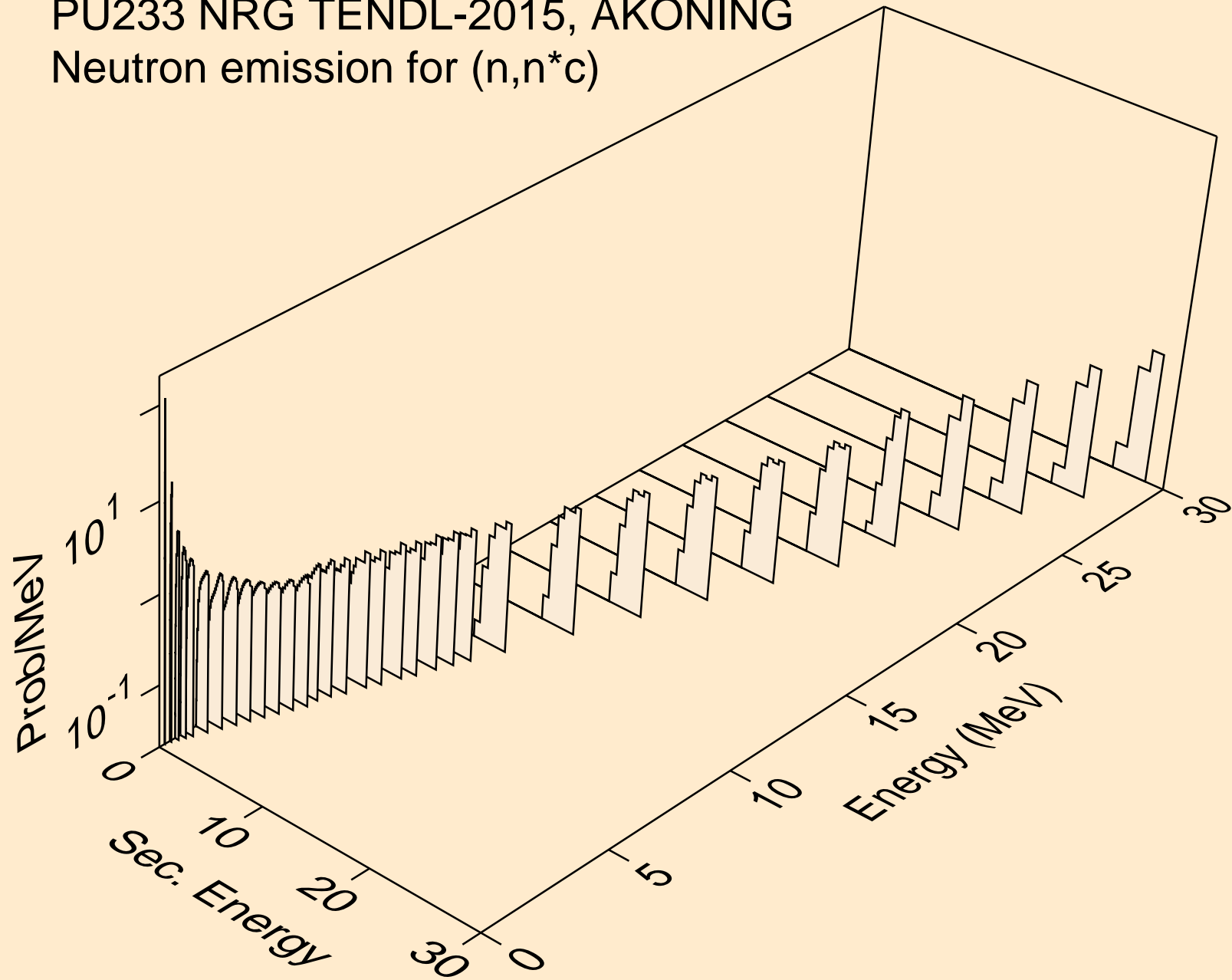
PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

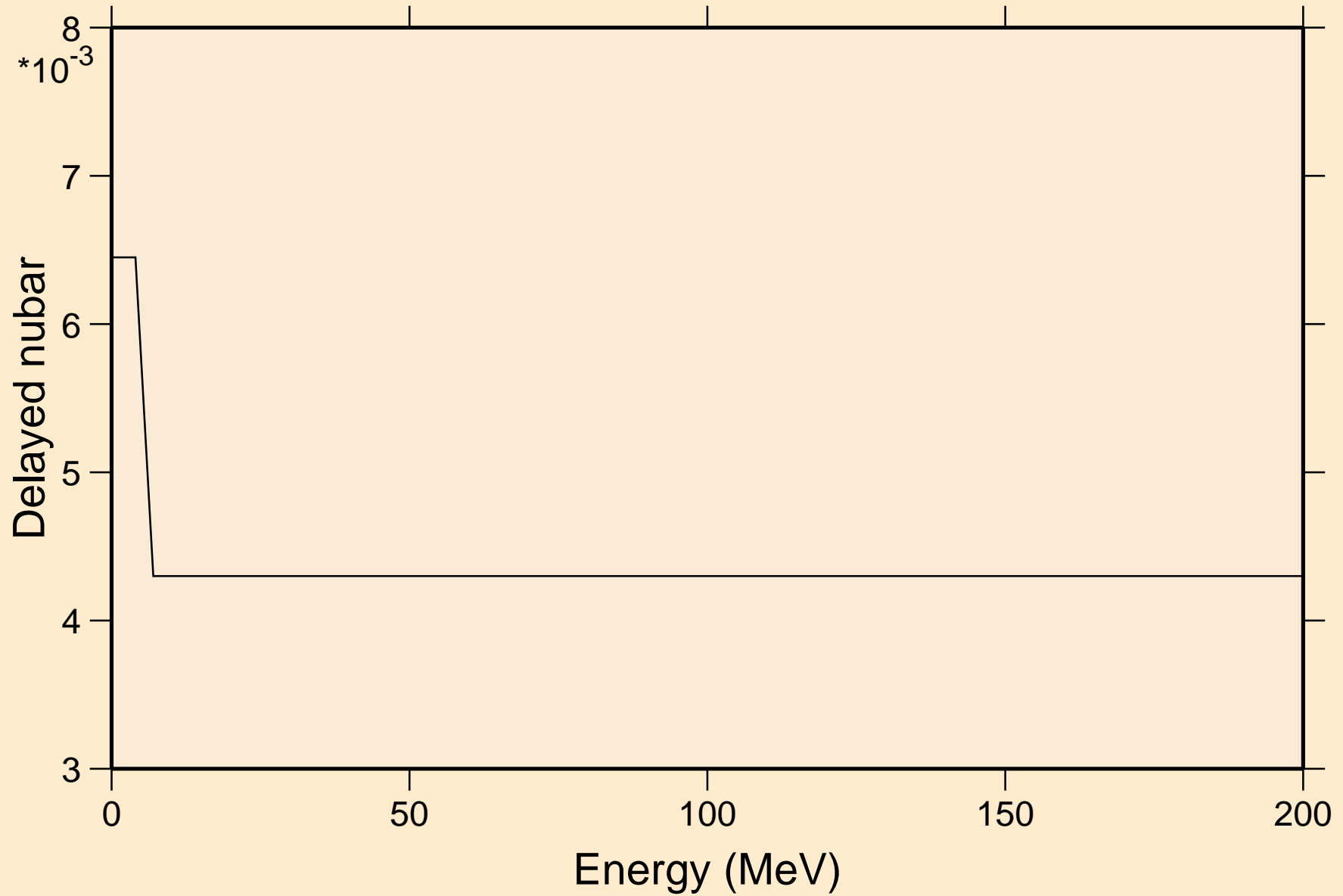


PU233 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



# PU233 NRG TENDL-2015, AKONING

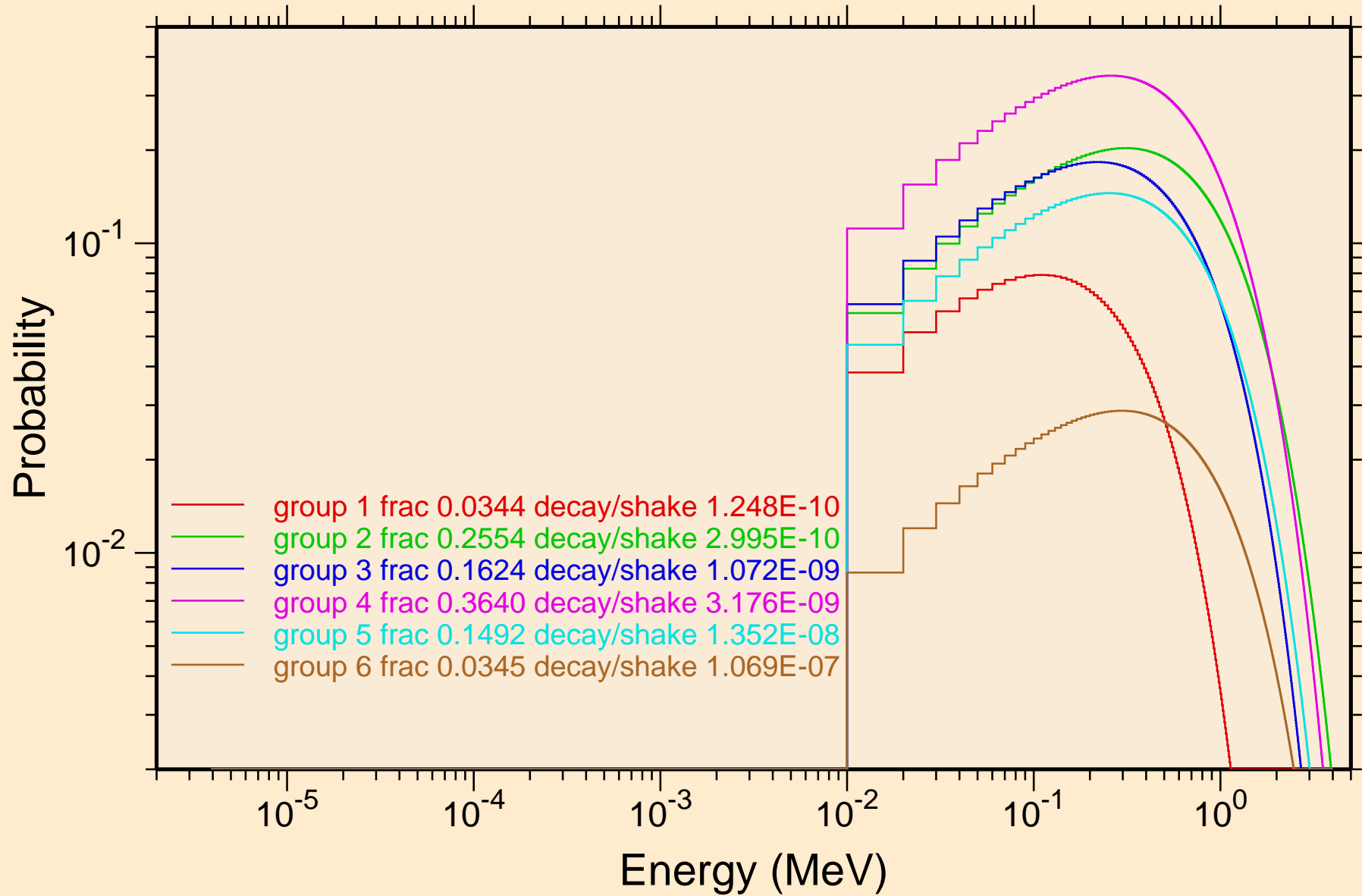
Delayed nubar



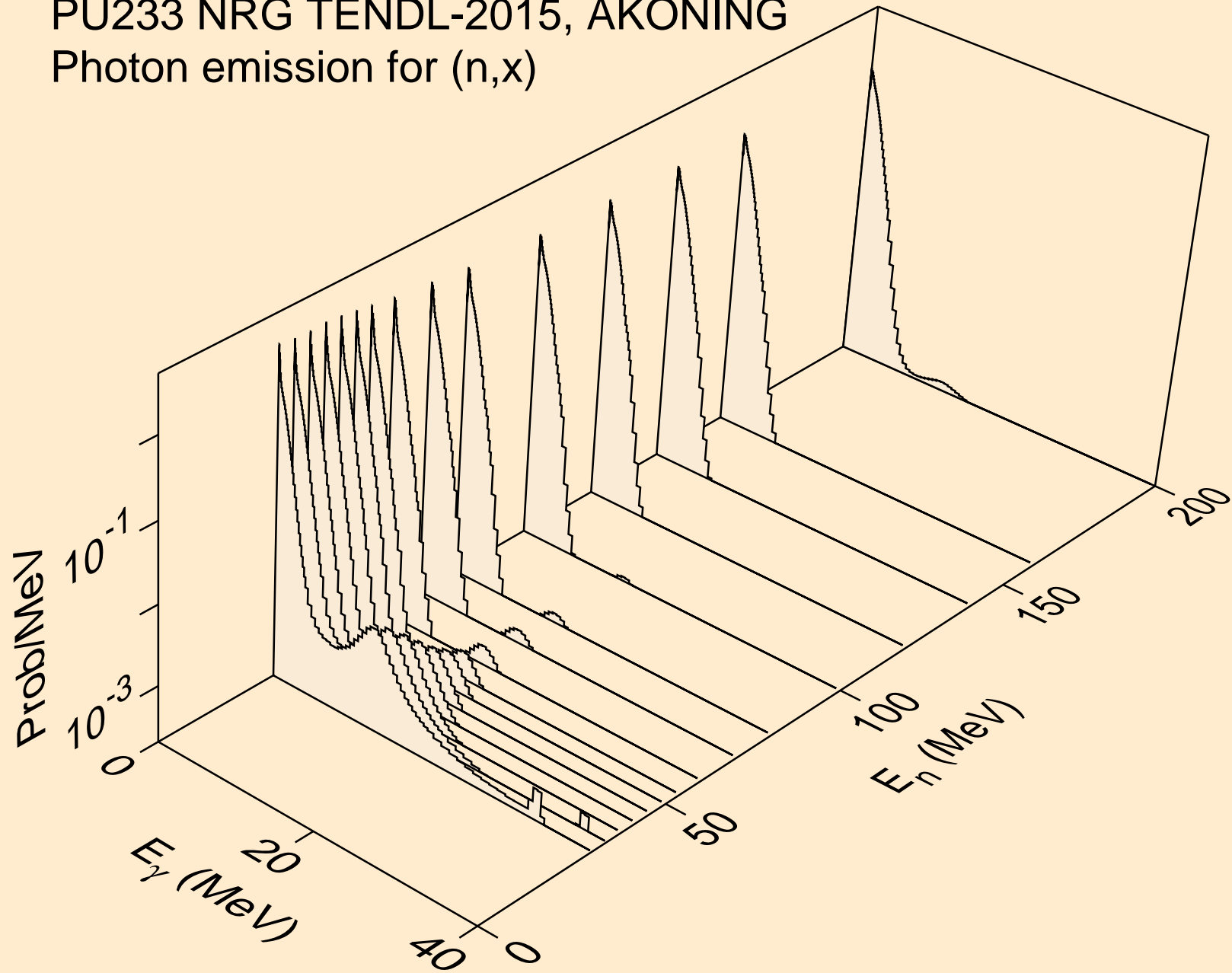


# PU233 NRG TENDL-2015, AKONING

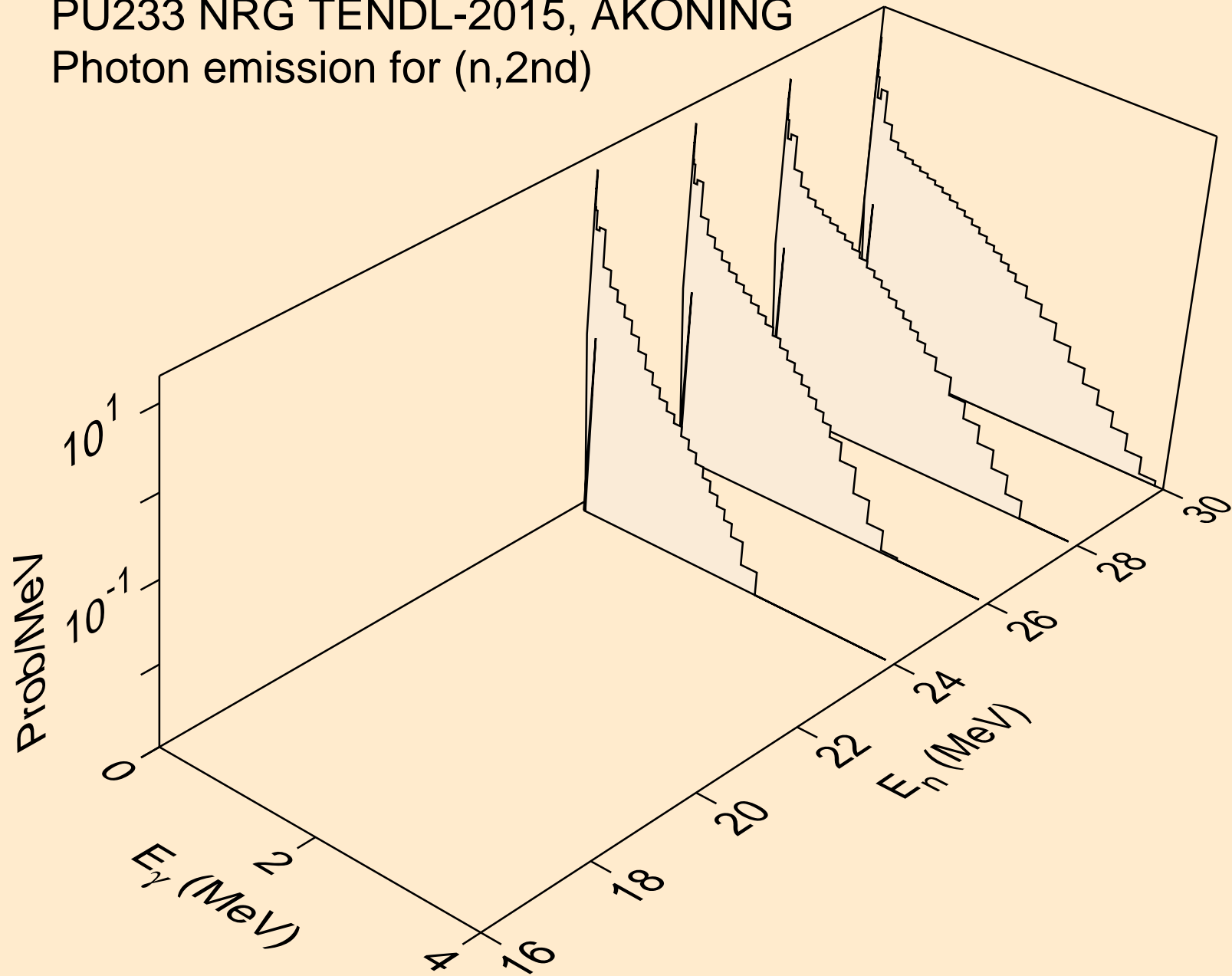
## Delayed neutron spectra



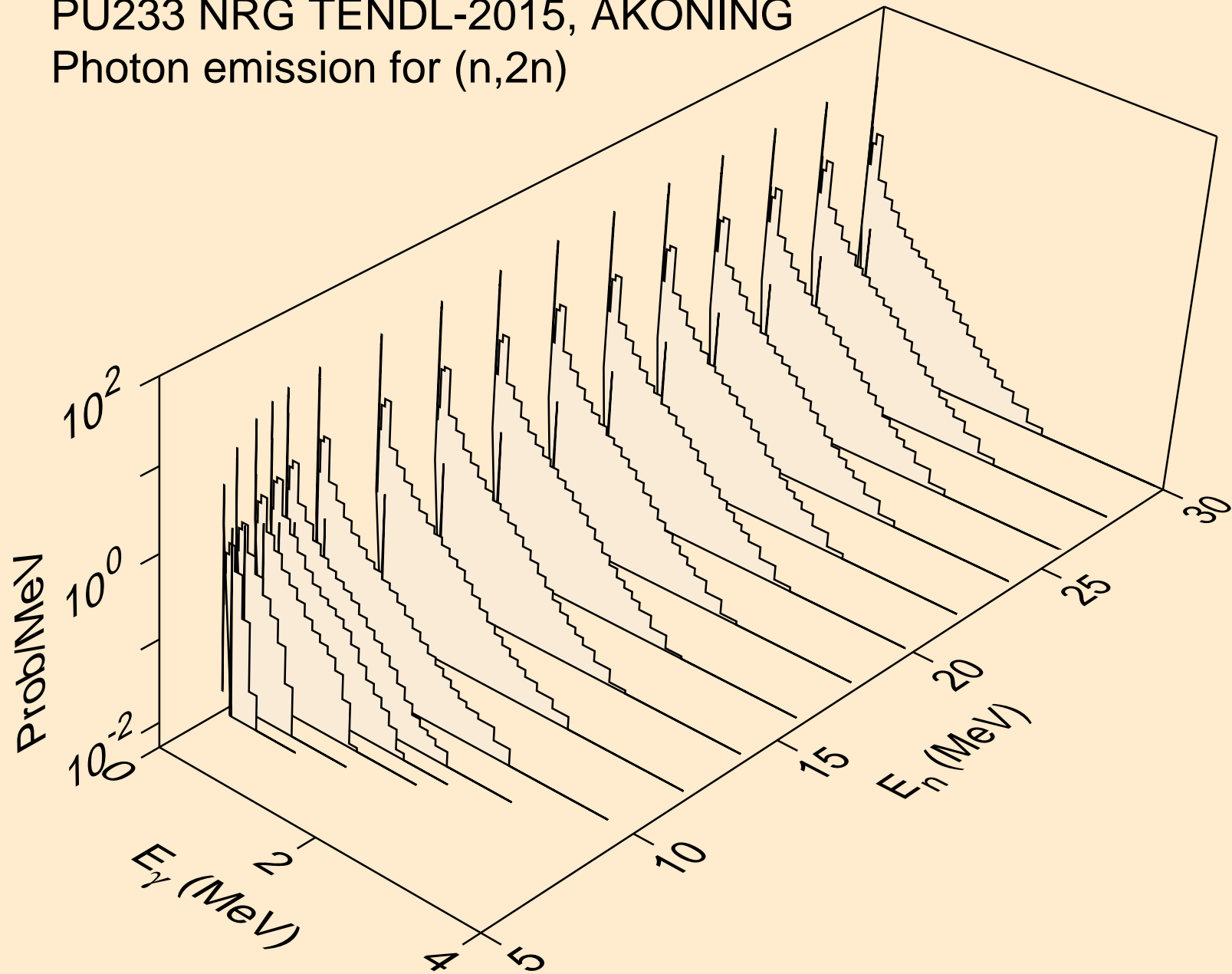
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



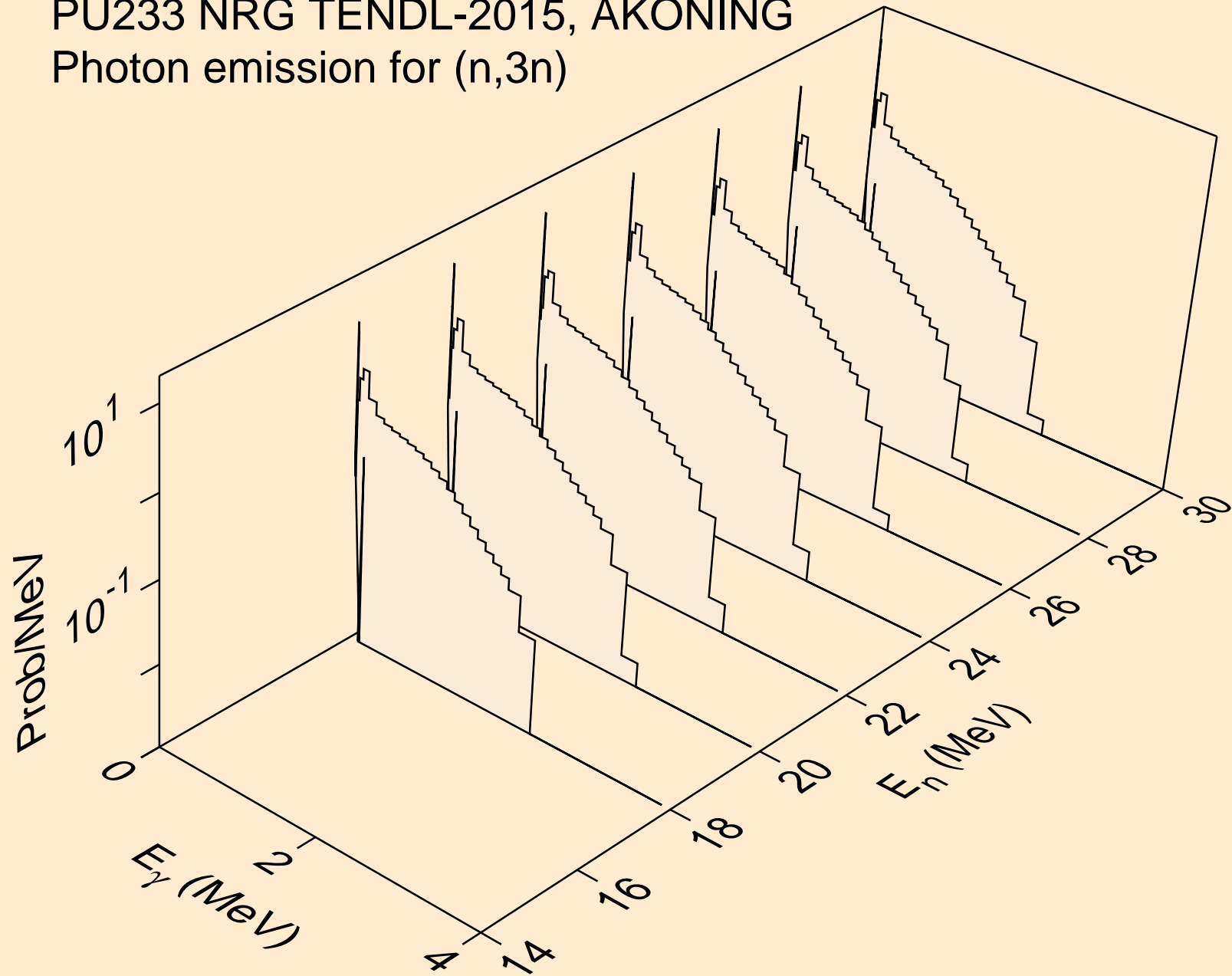
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



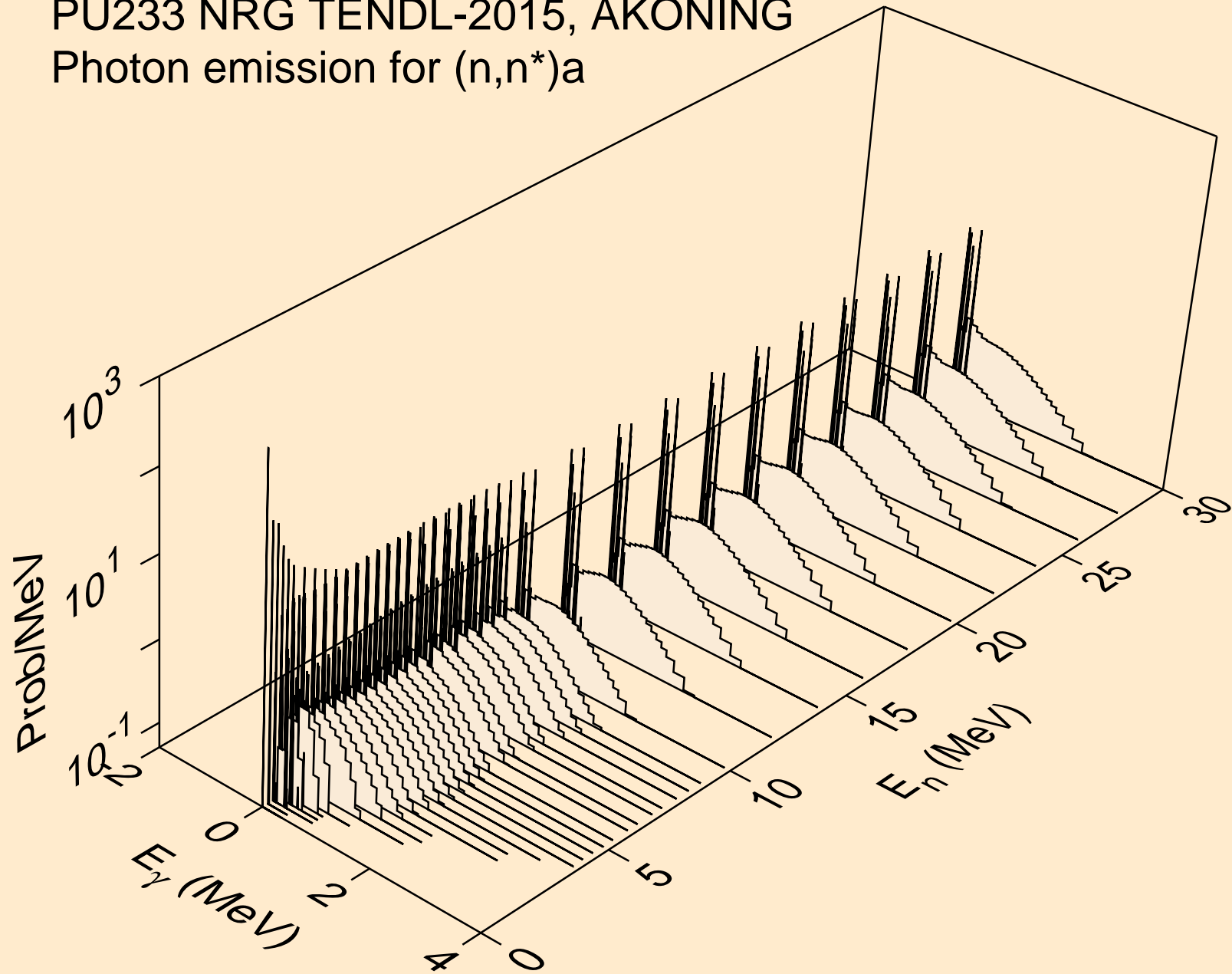
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



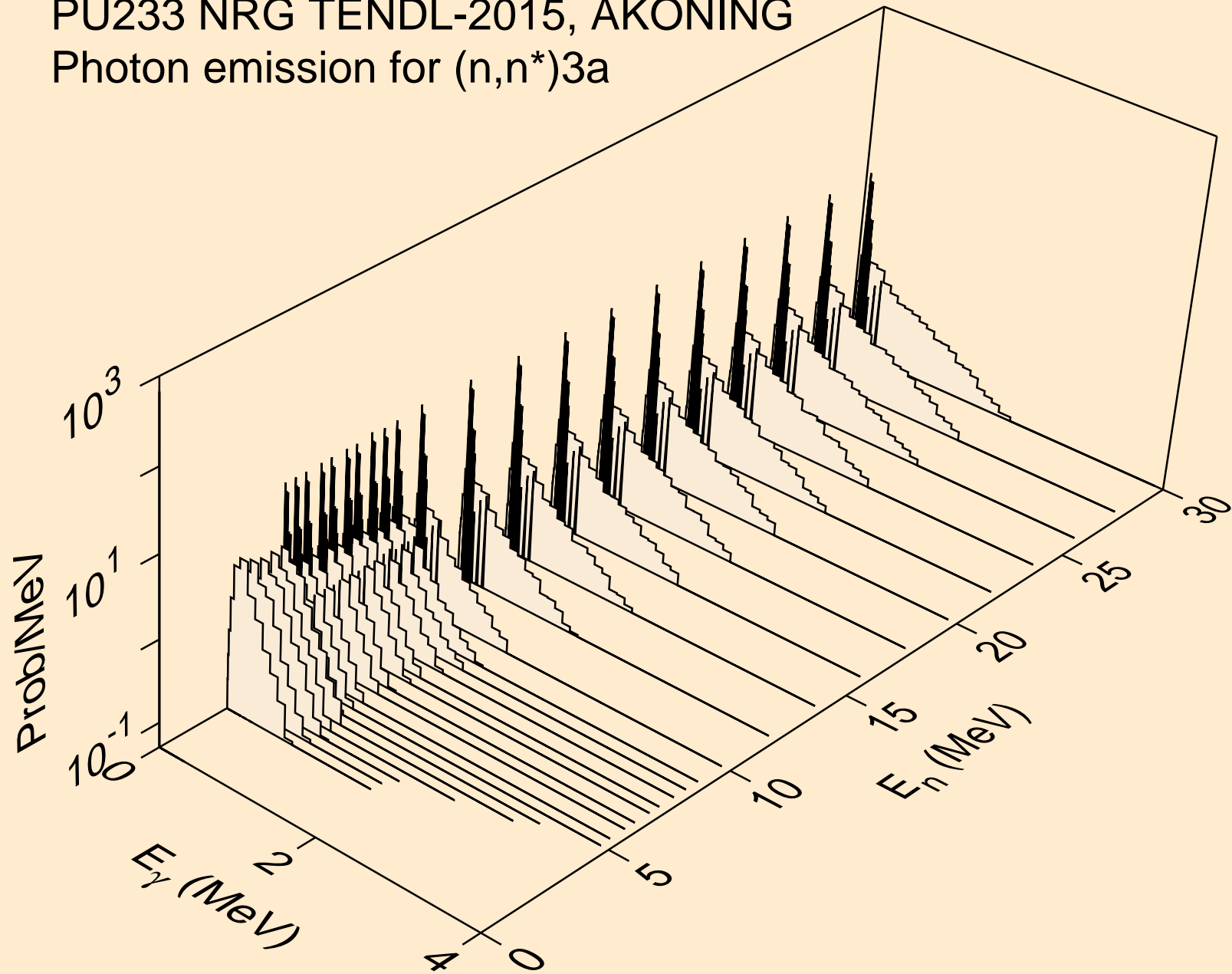
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



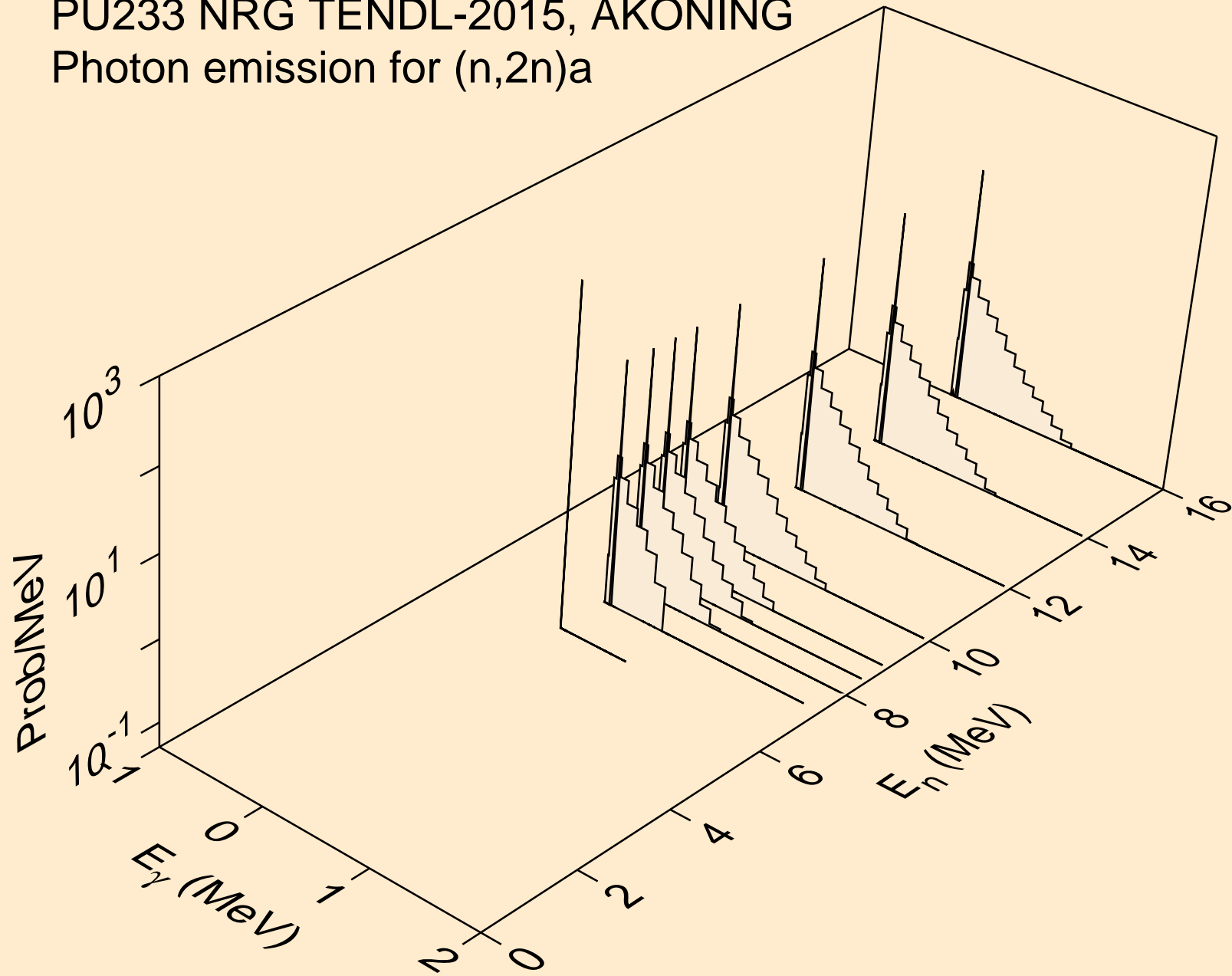
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

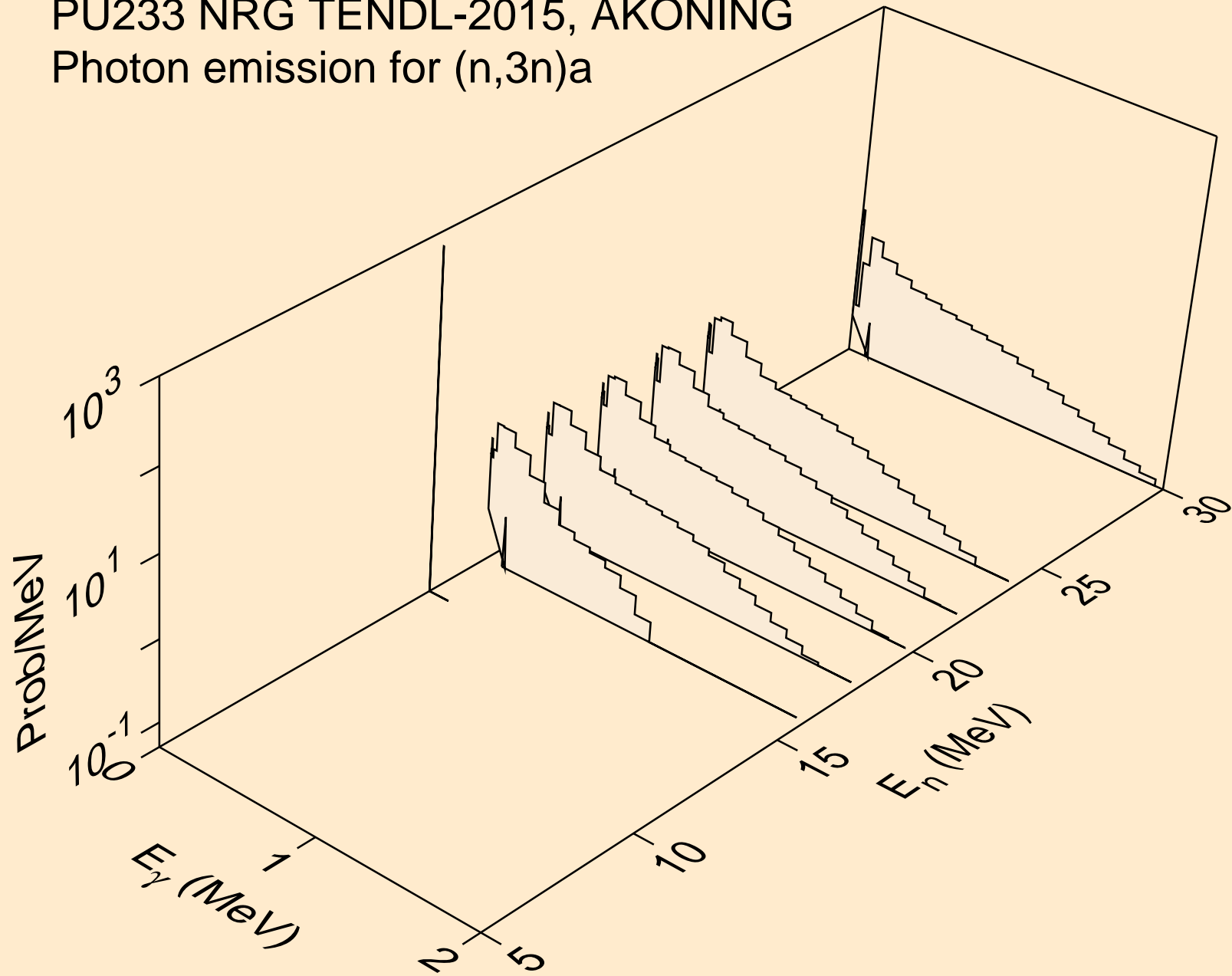


PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

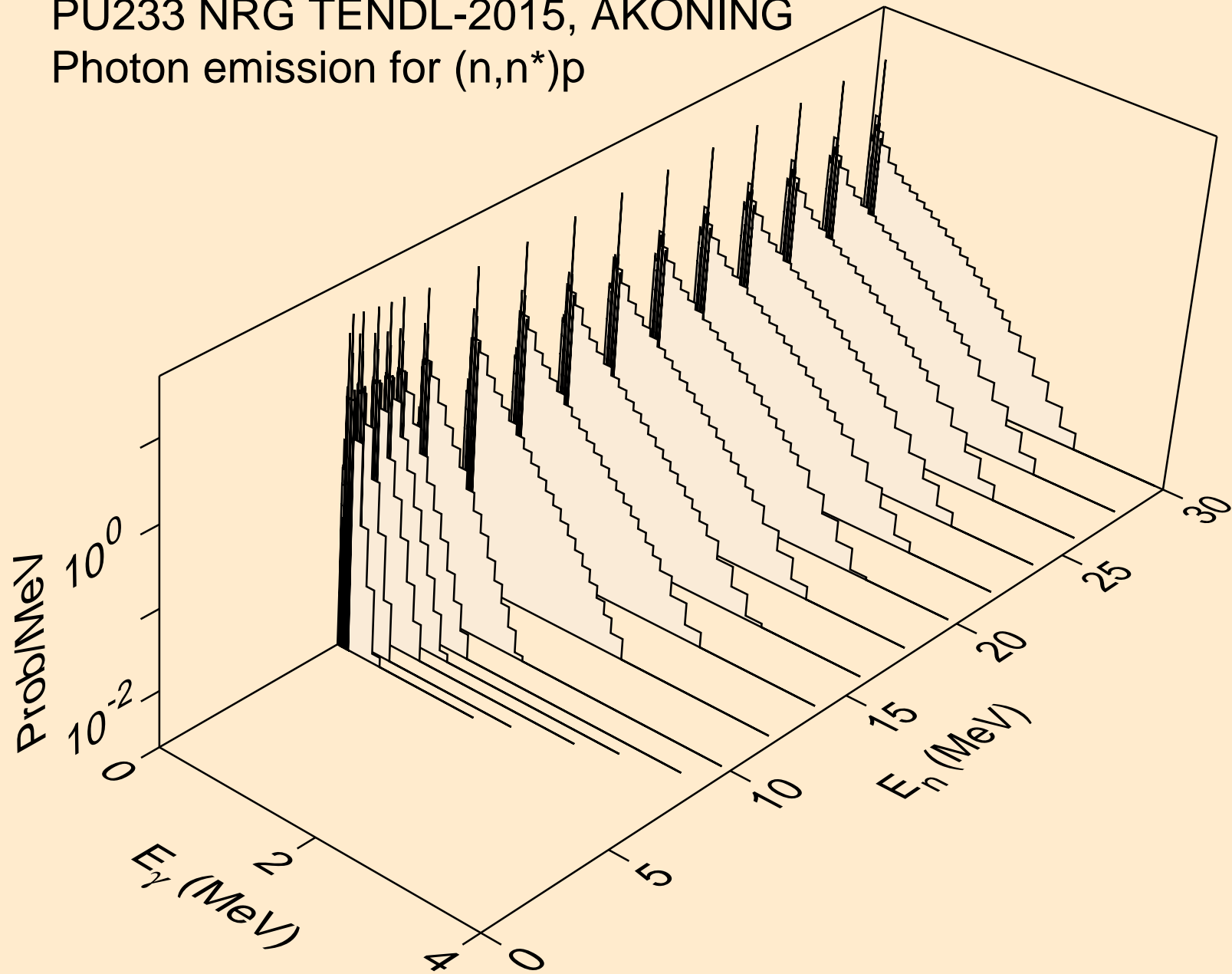




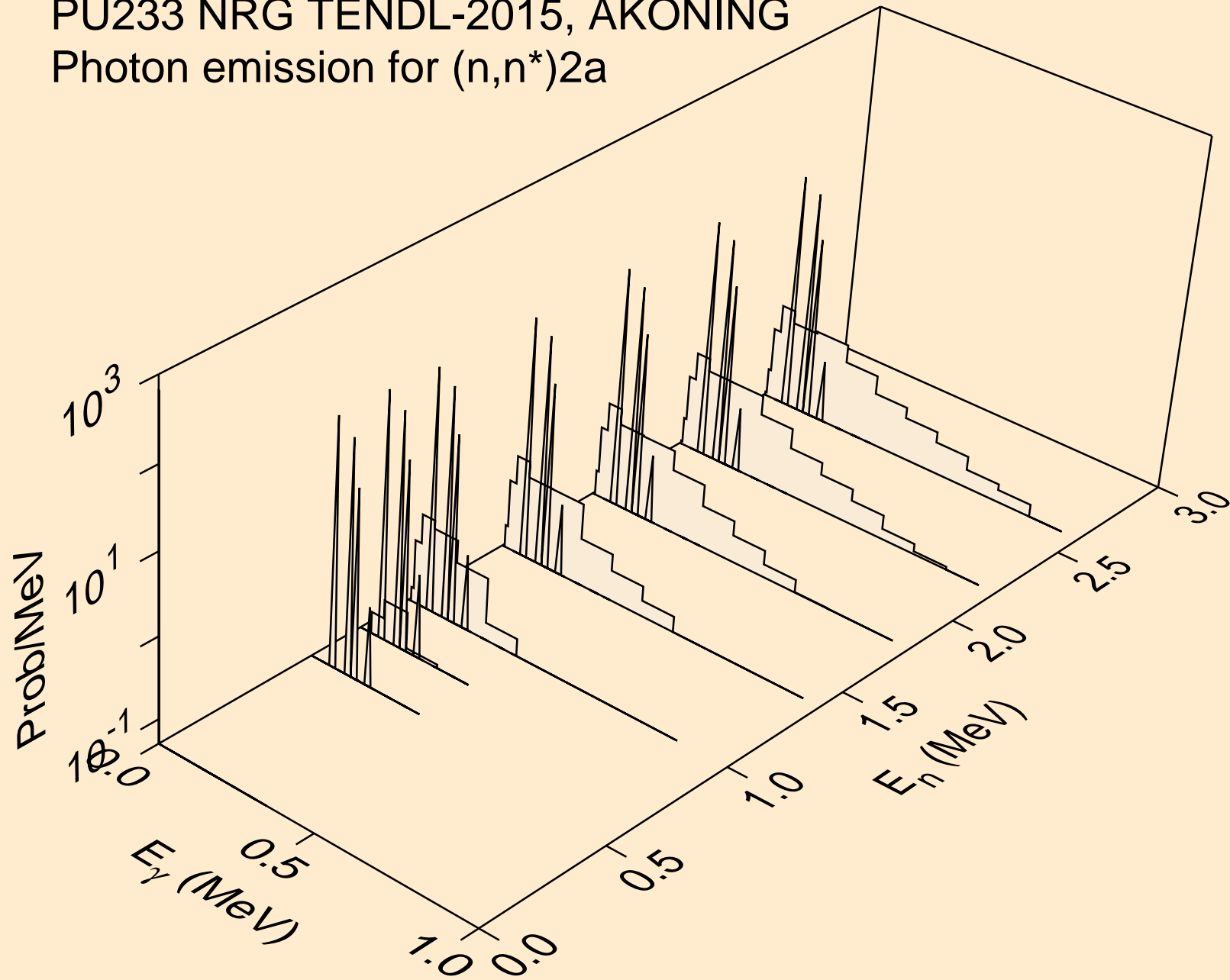
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



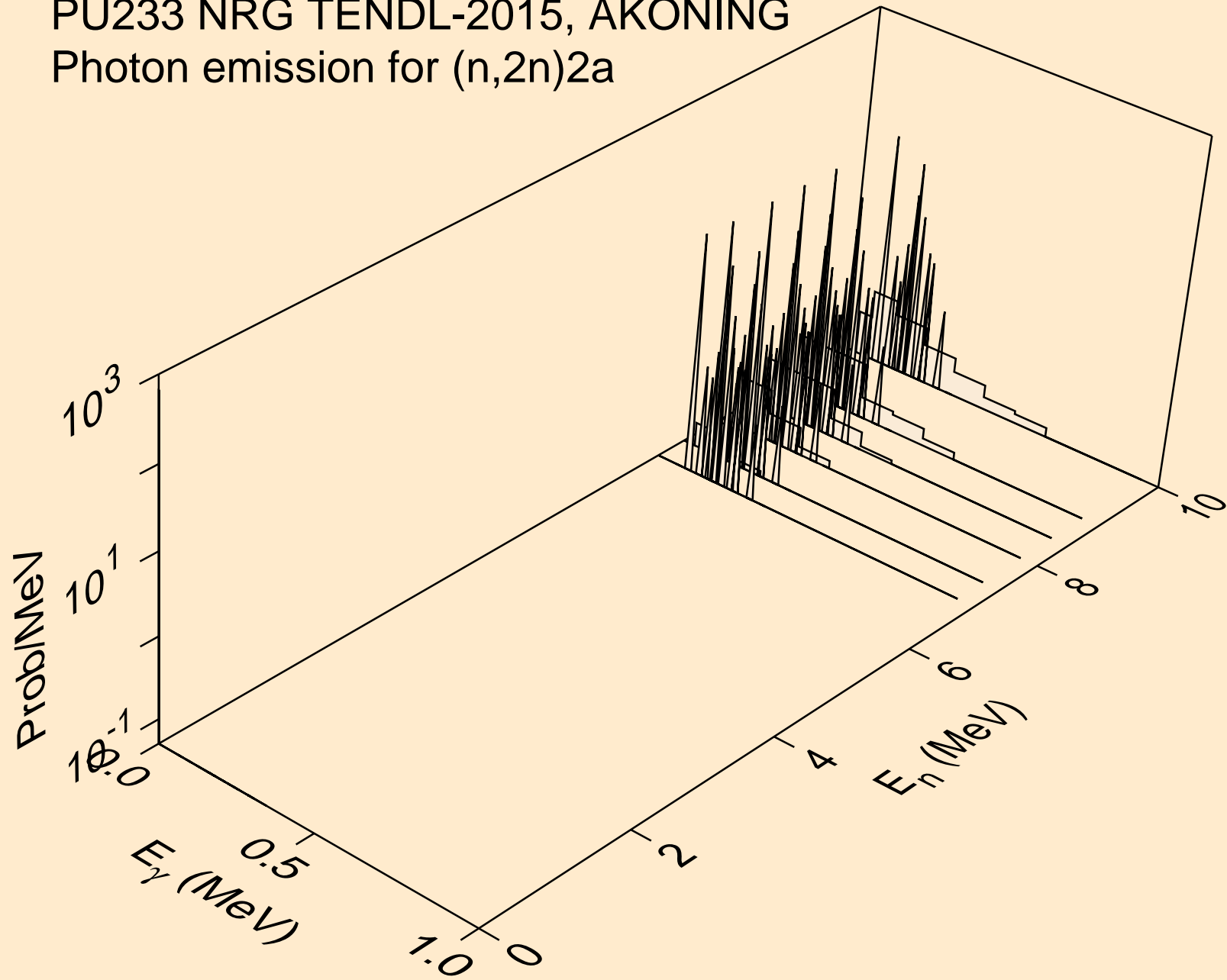
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



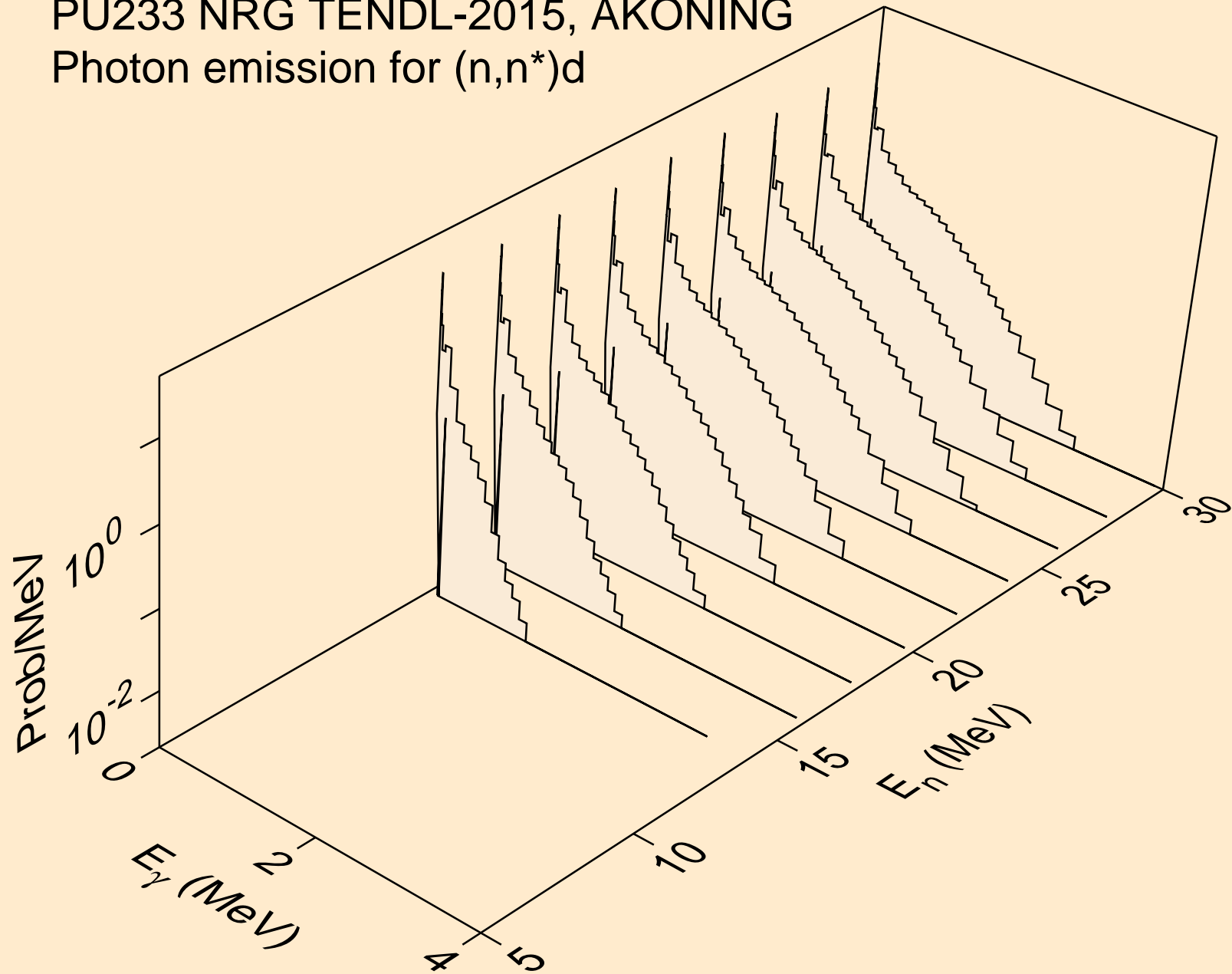
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



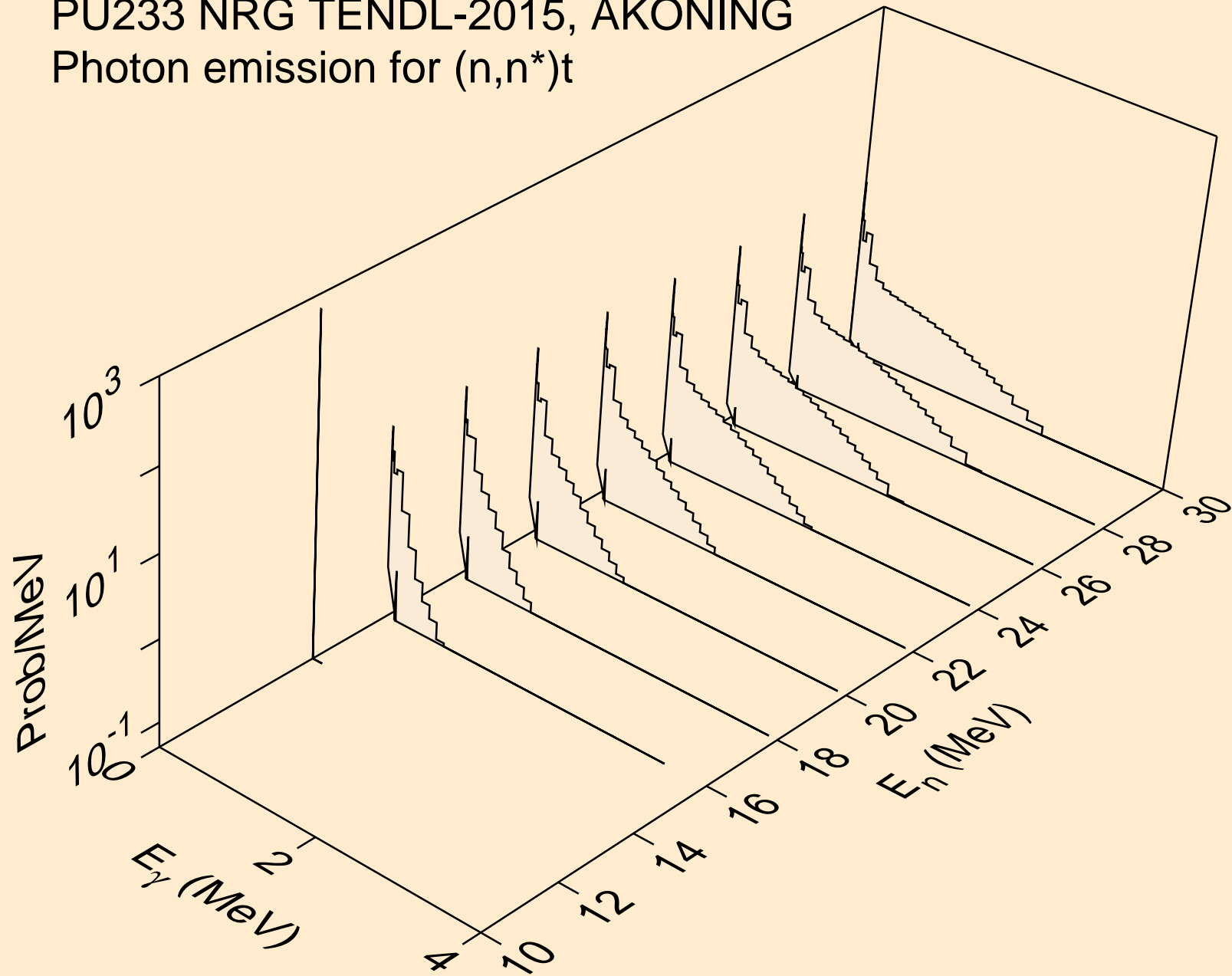
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



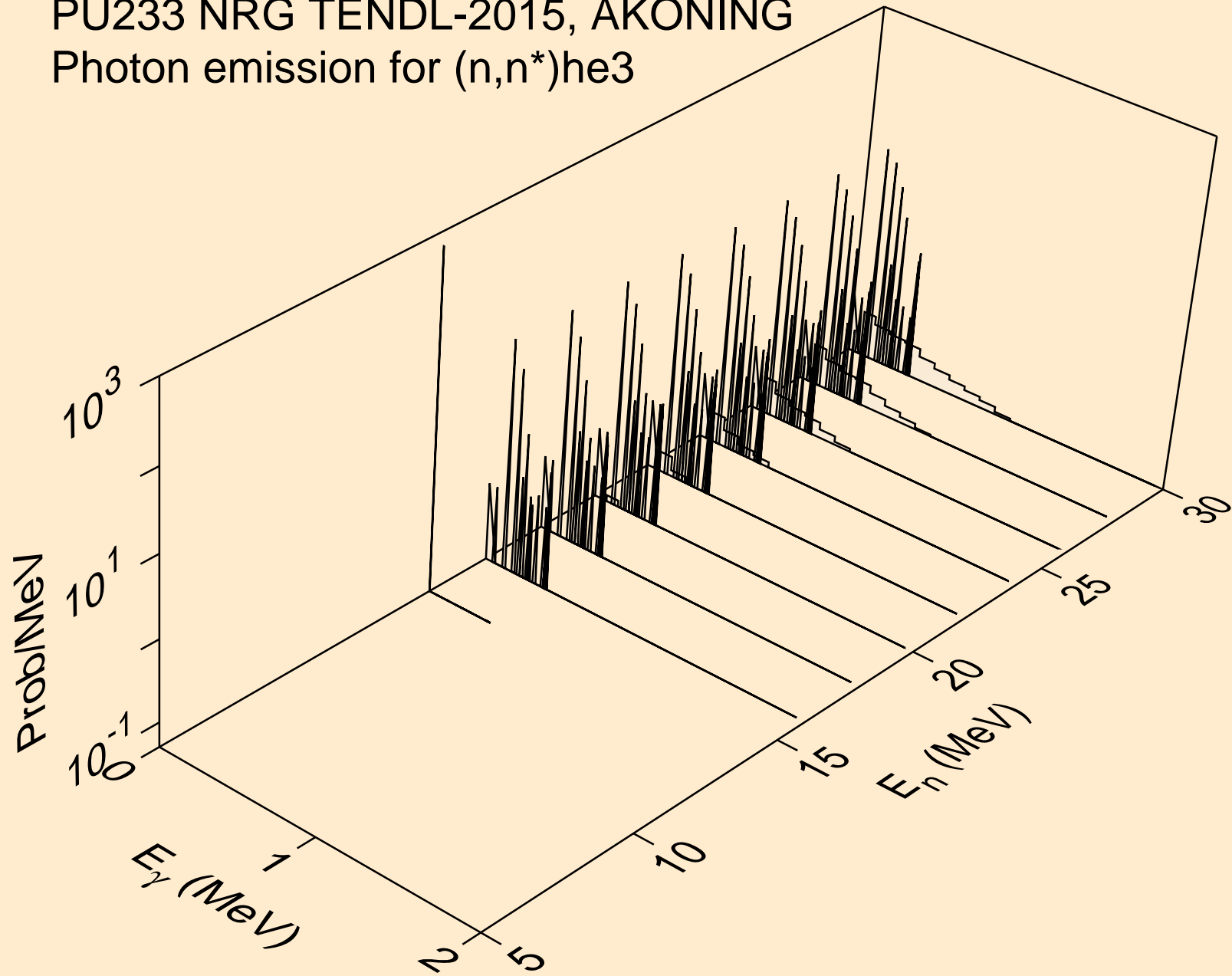
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



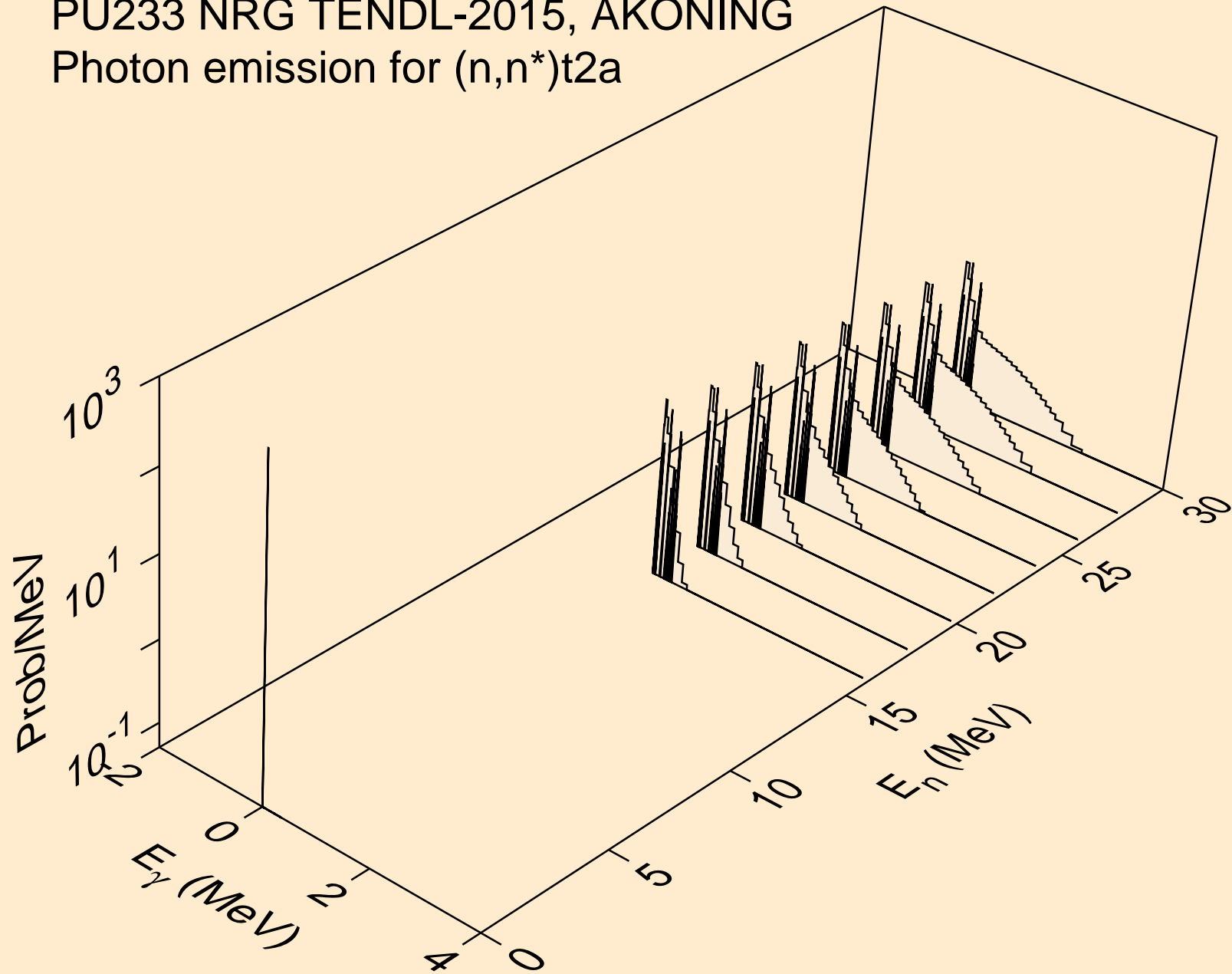
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

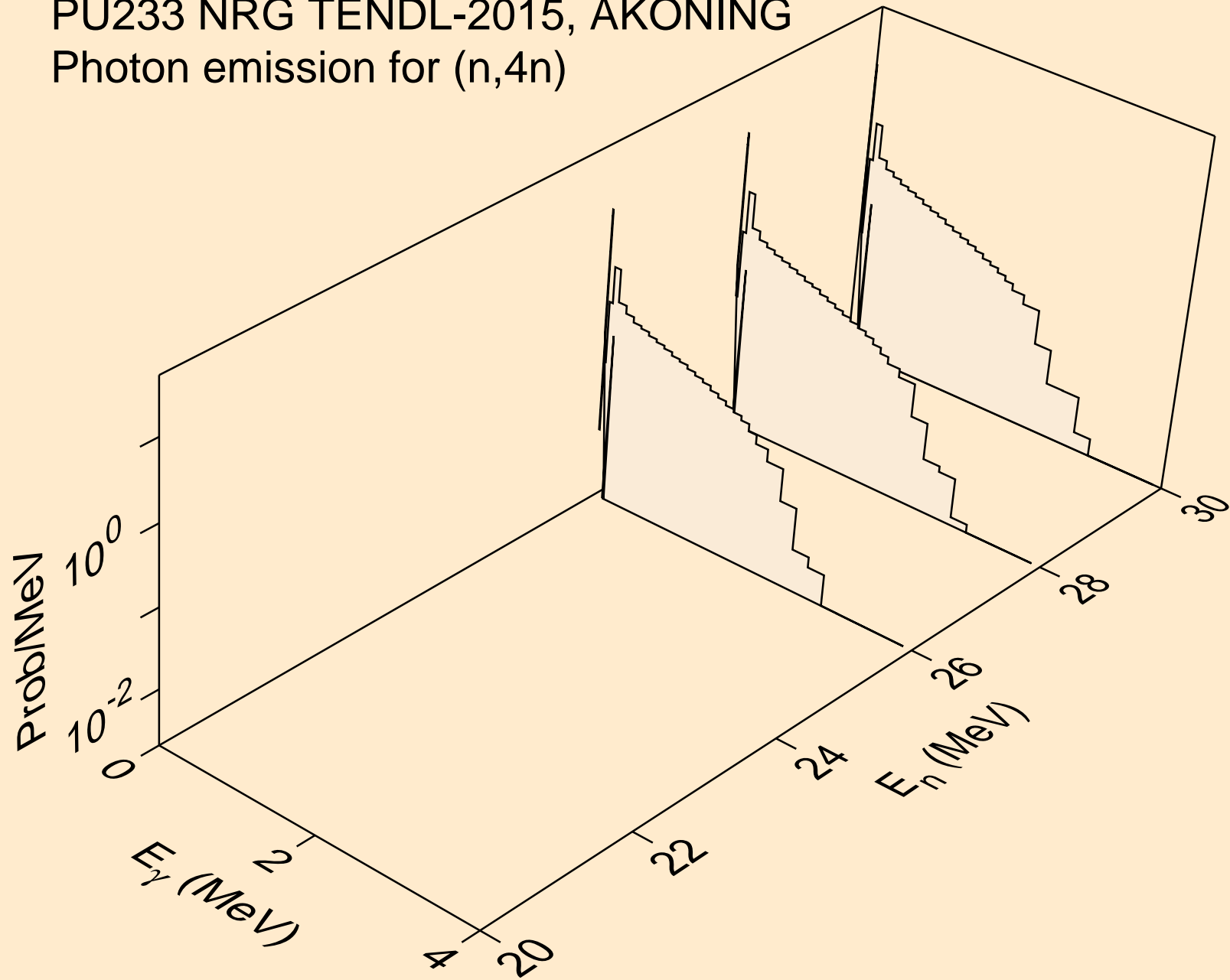


PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a

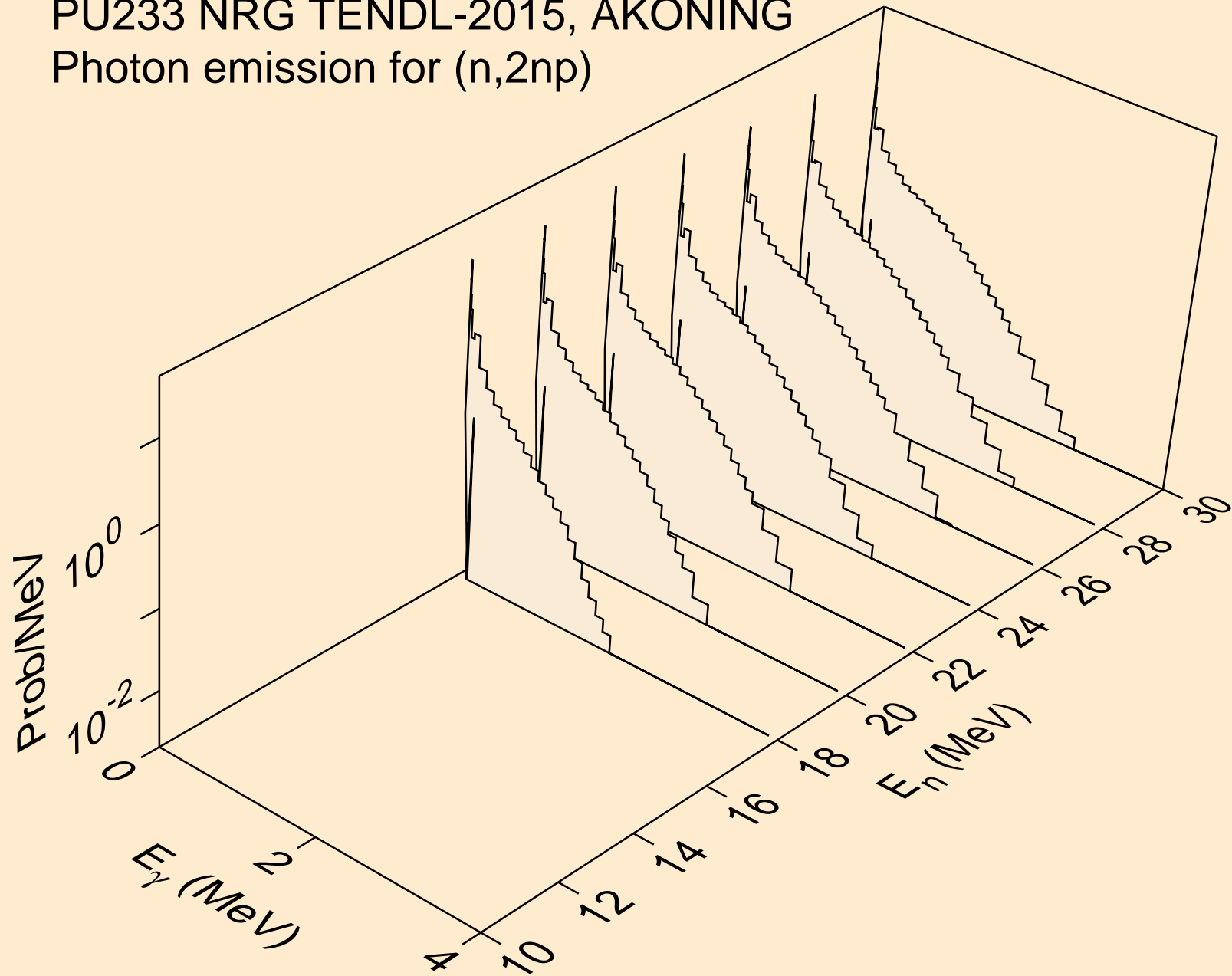




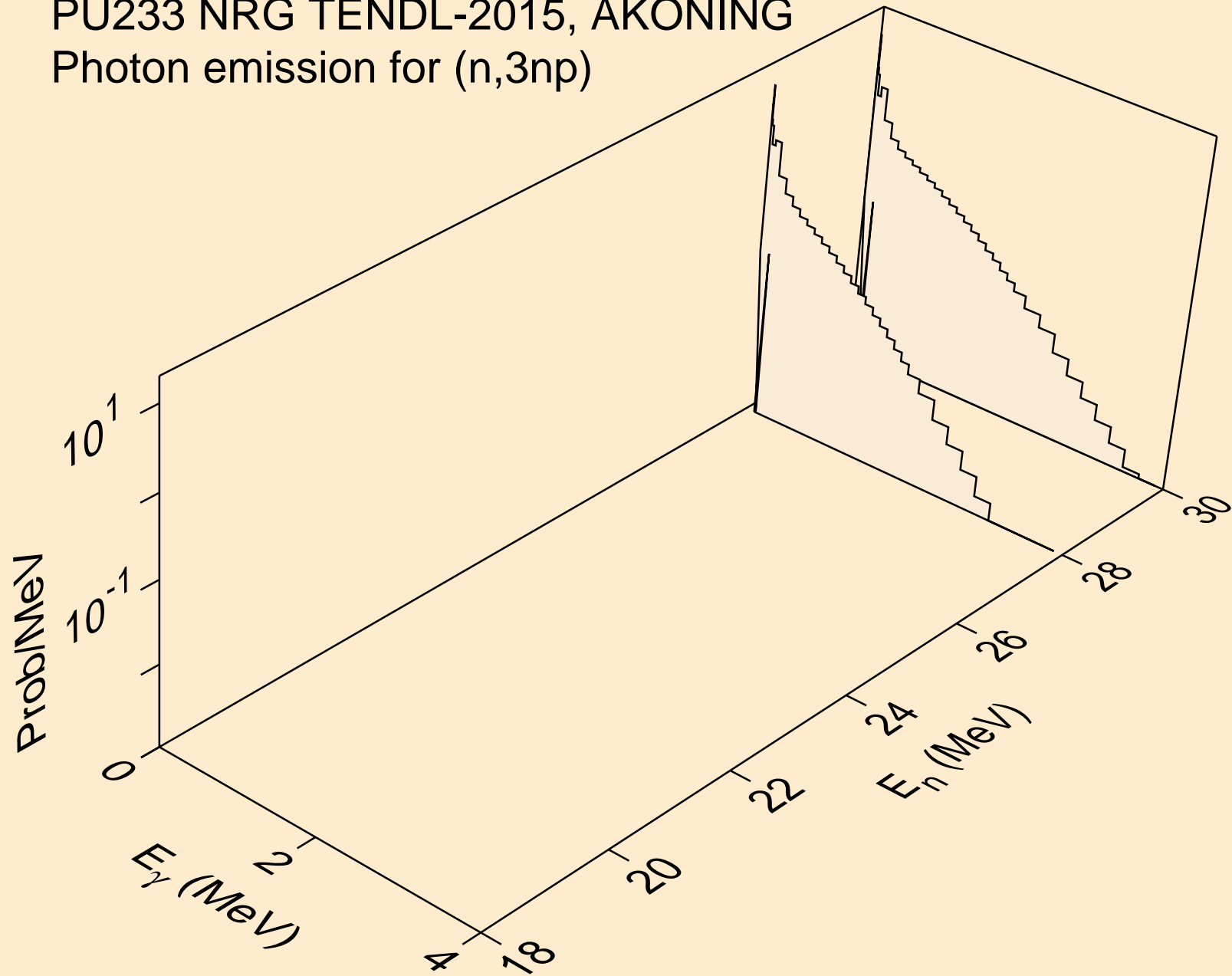
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



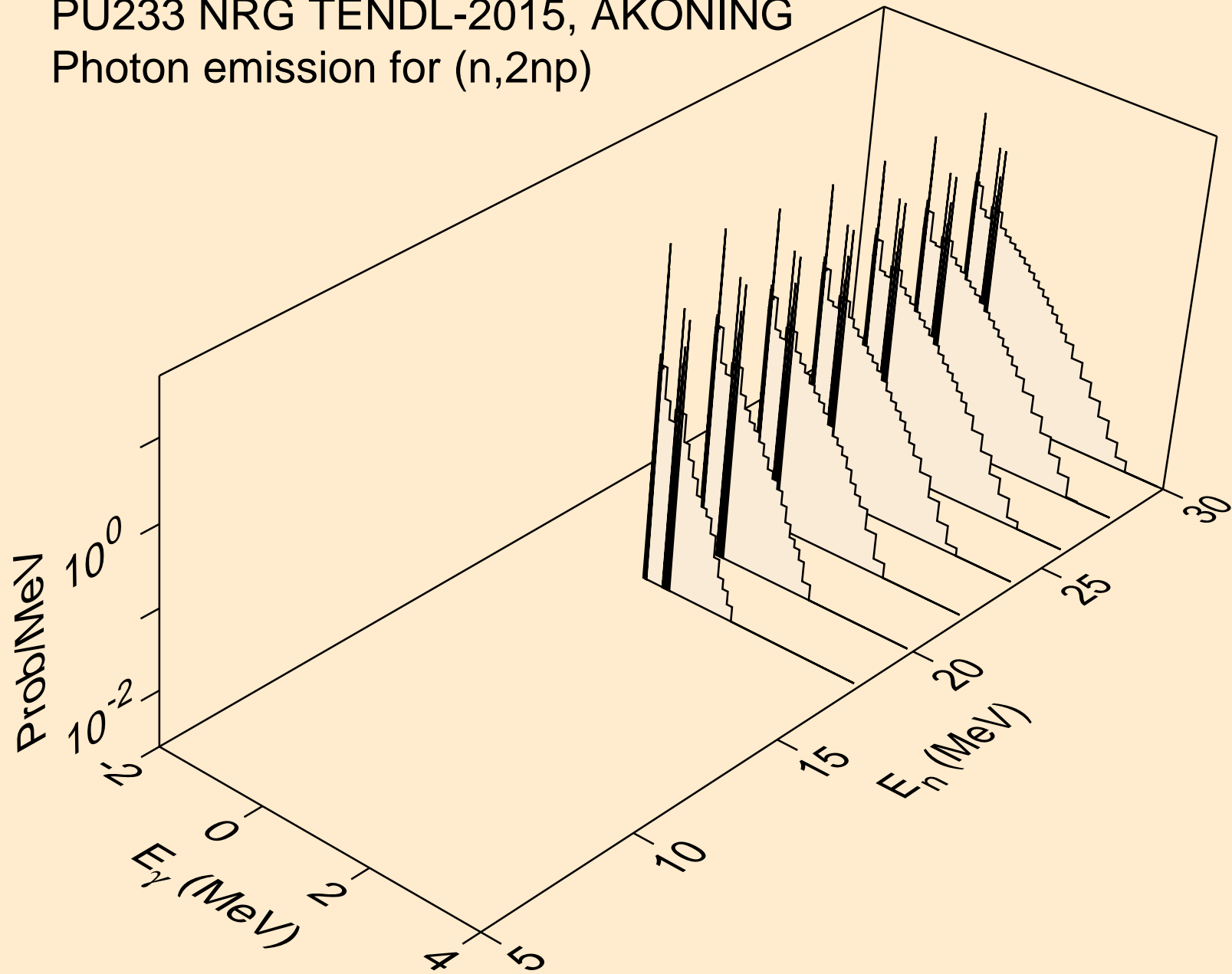
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



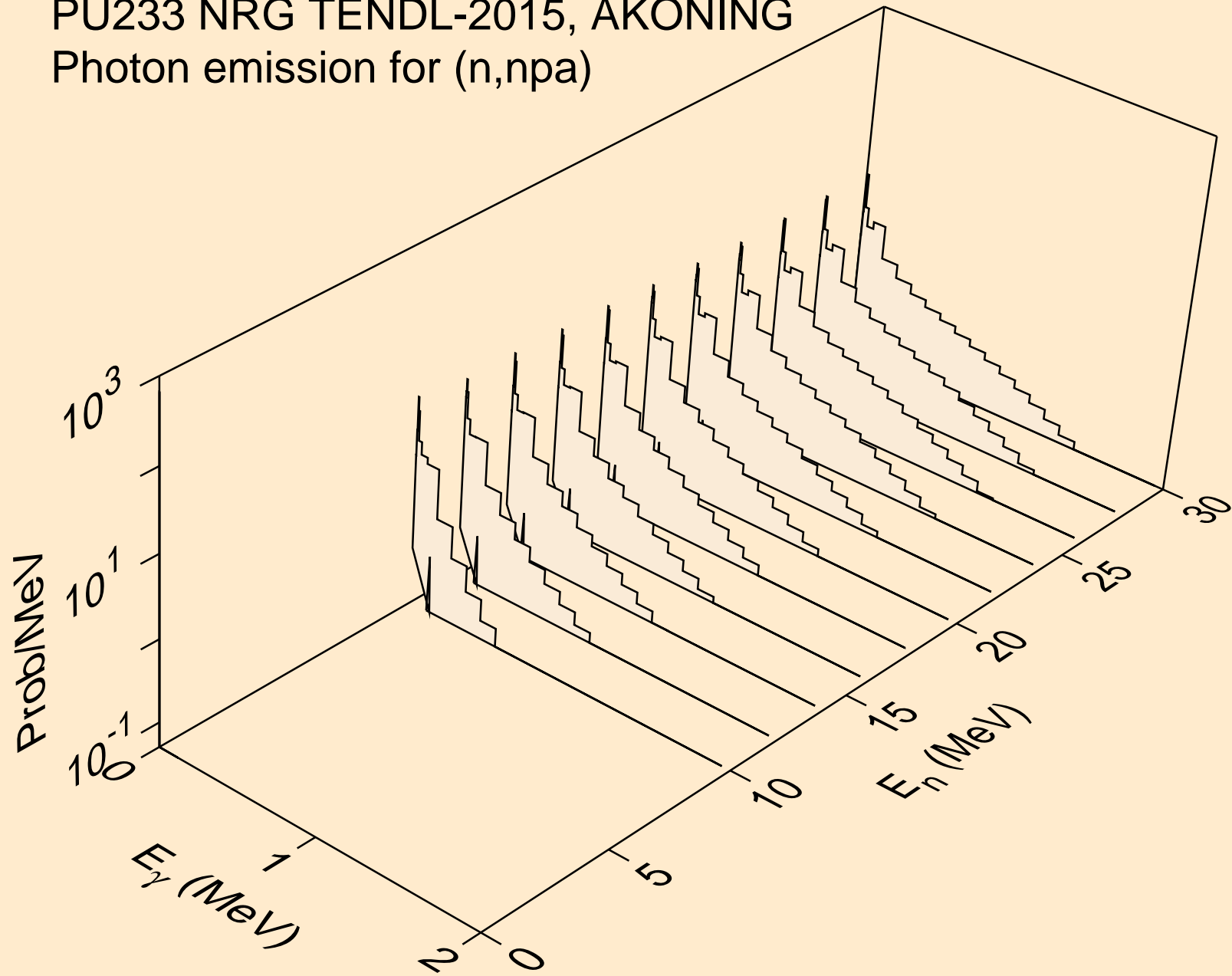
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



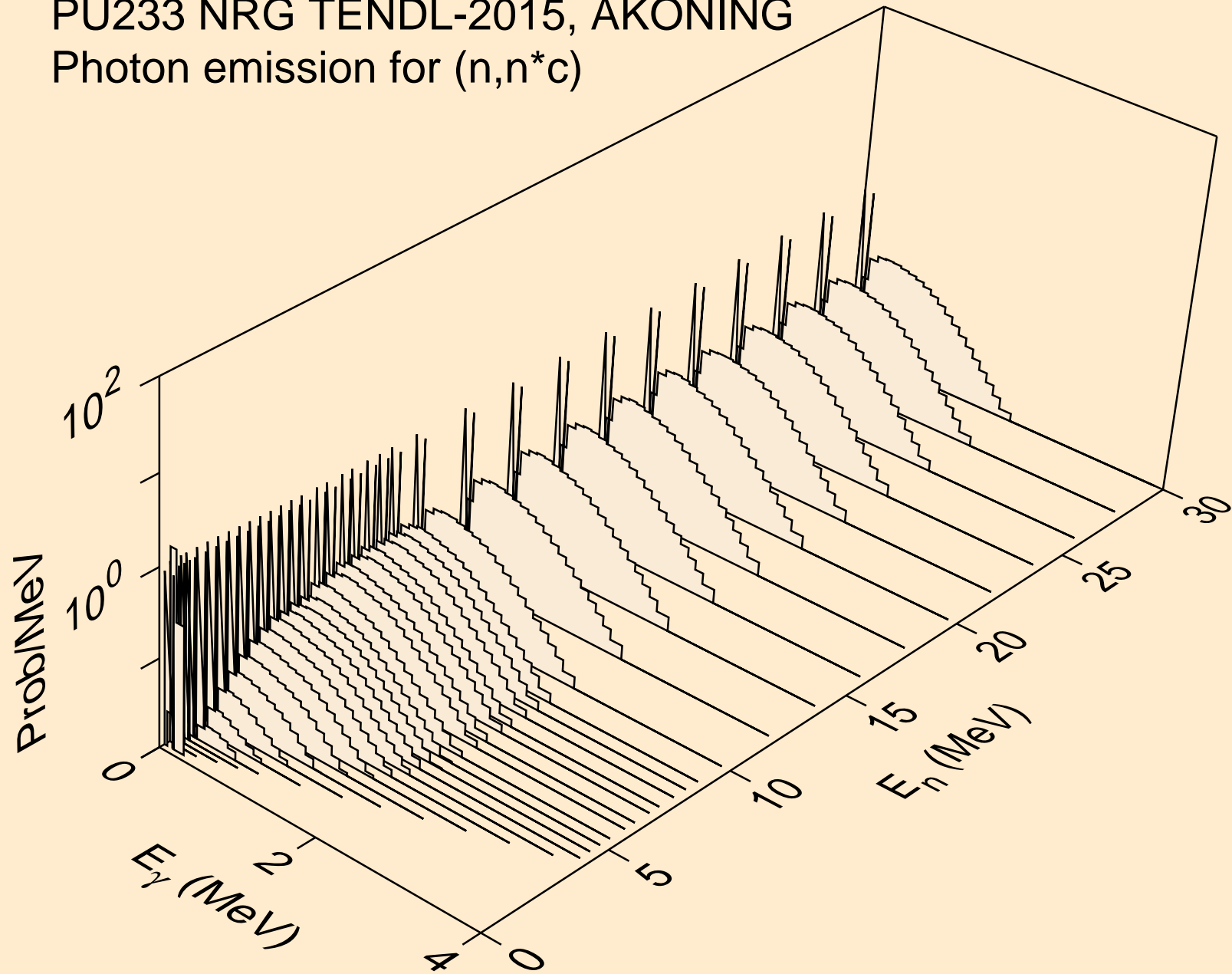
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



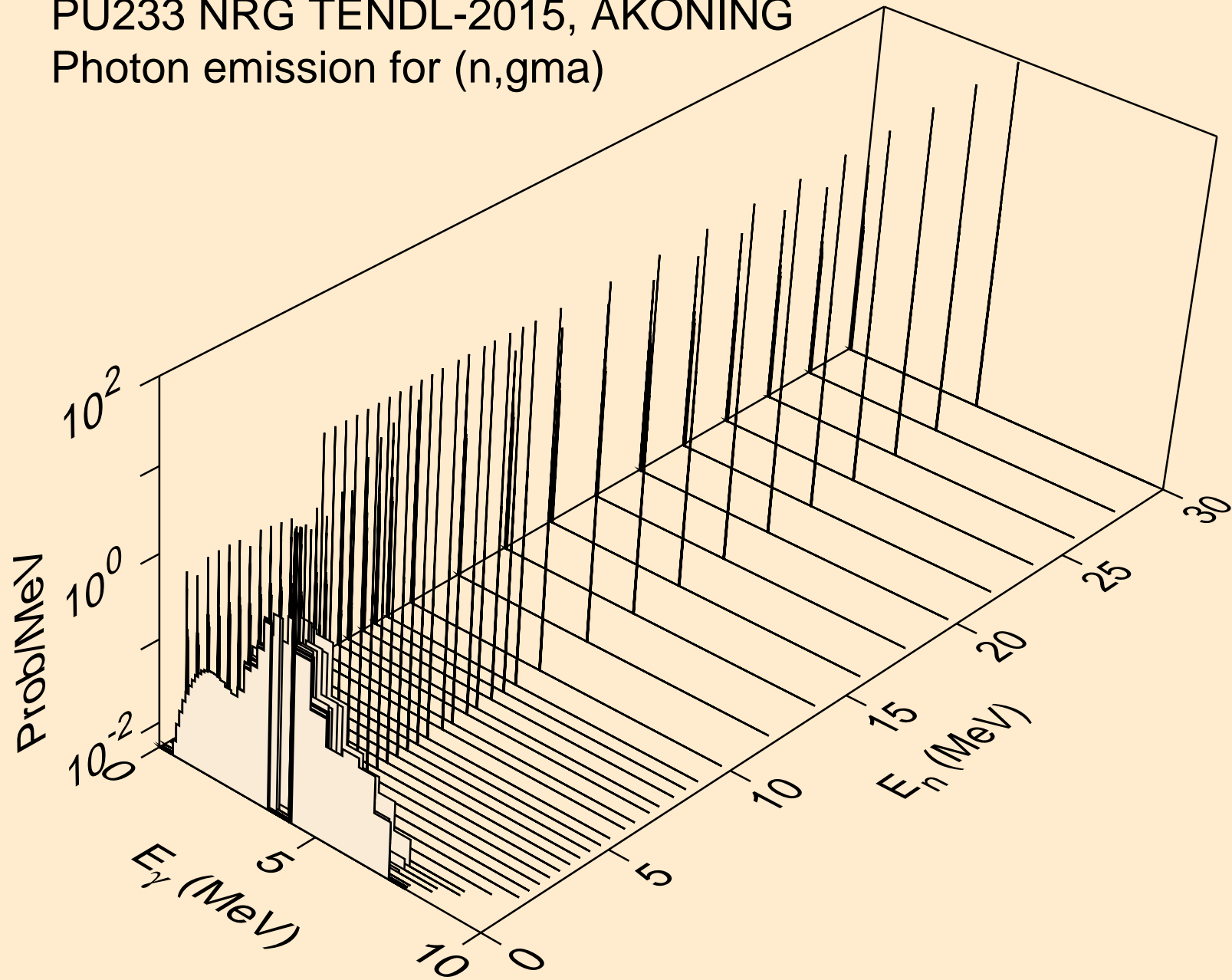
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



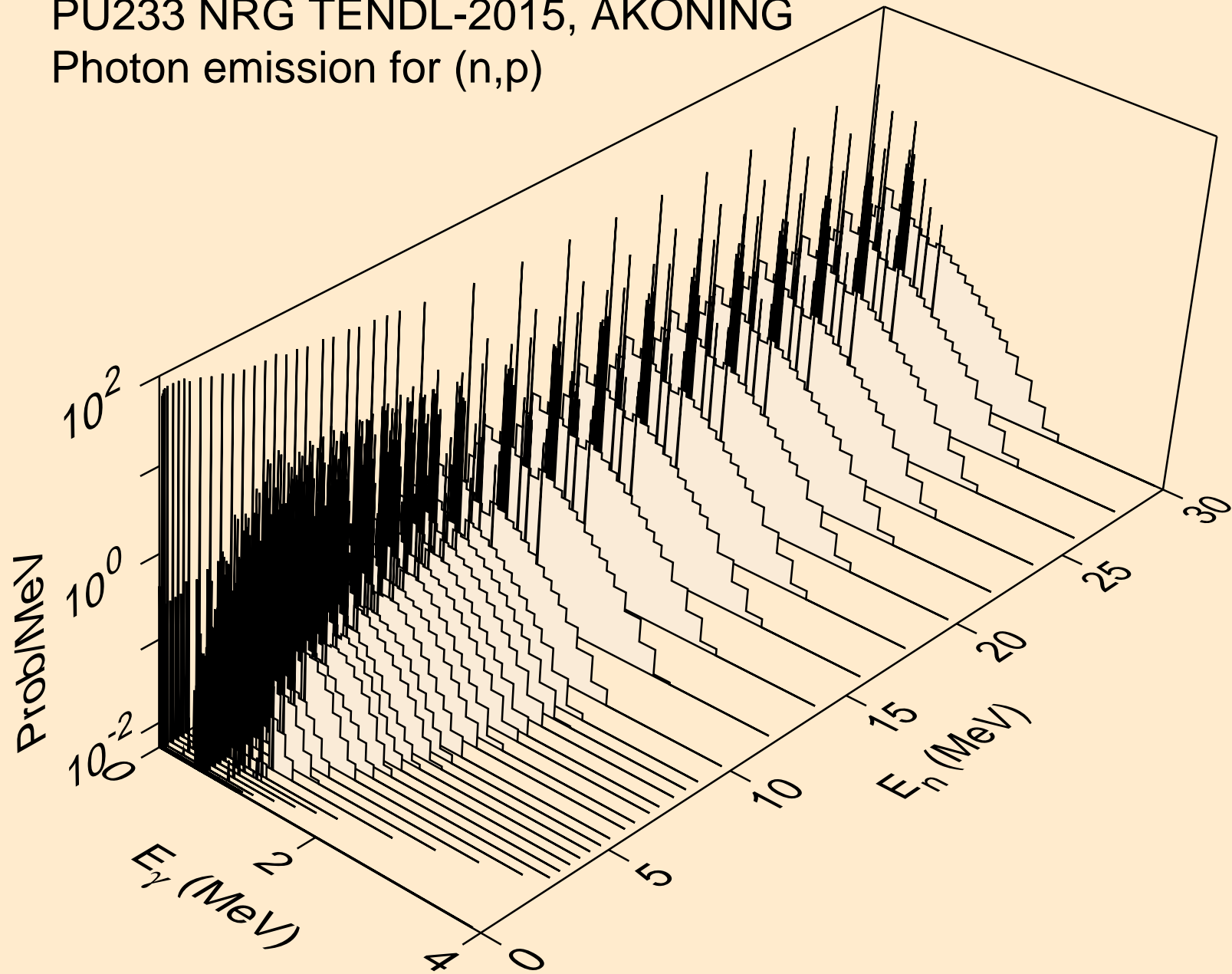
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

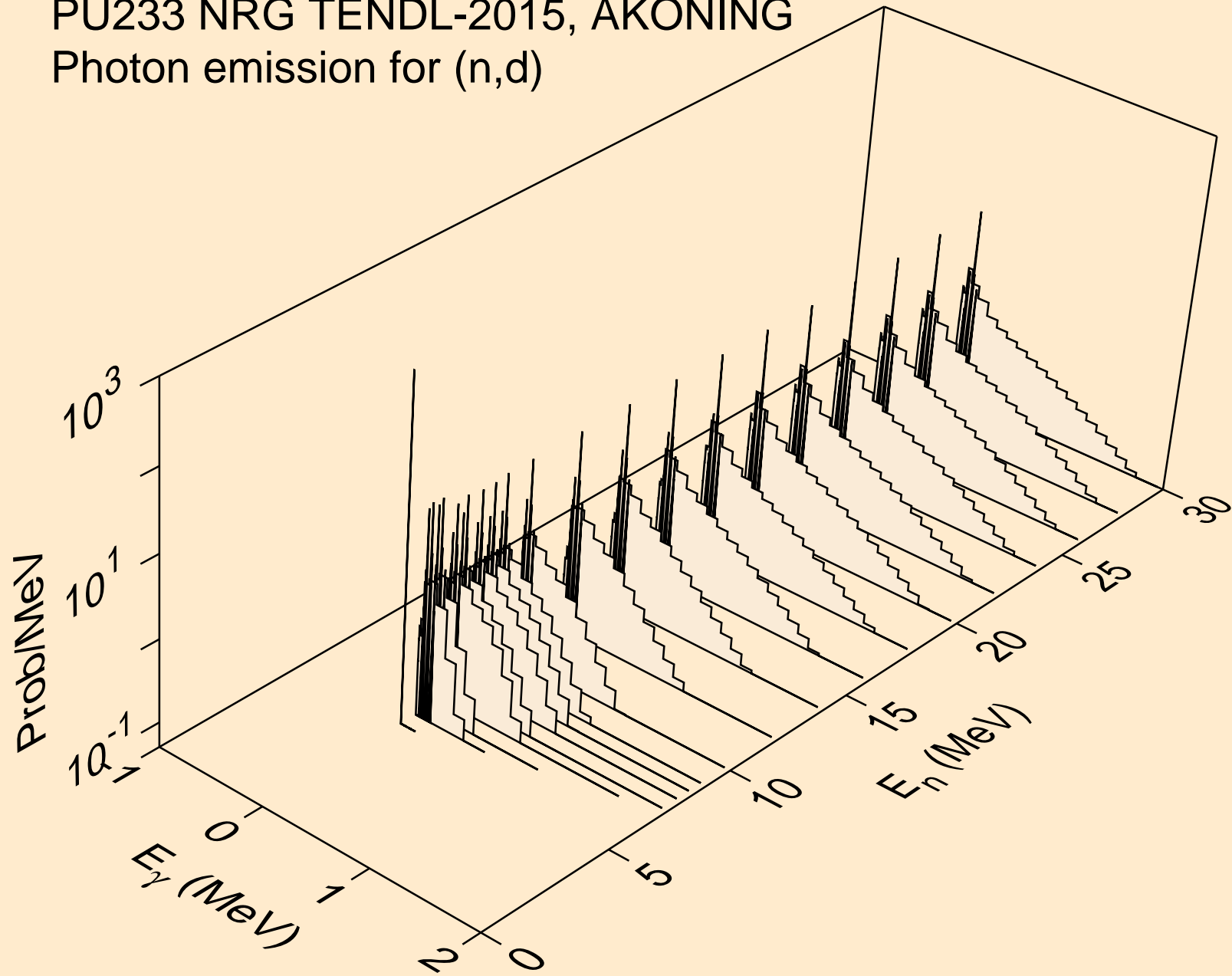


PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

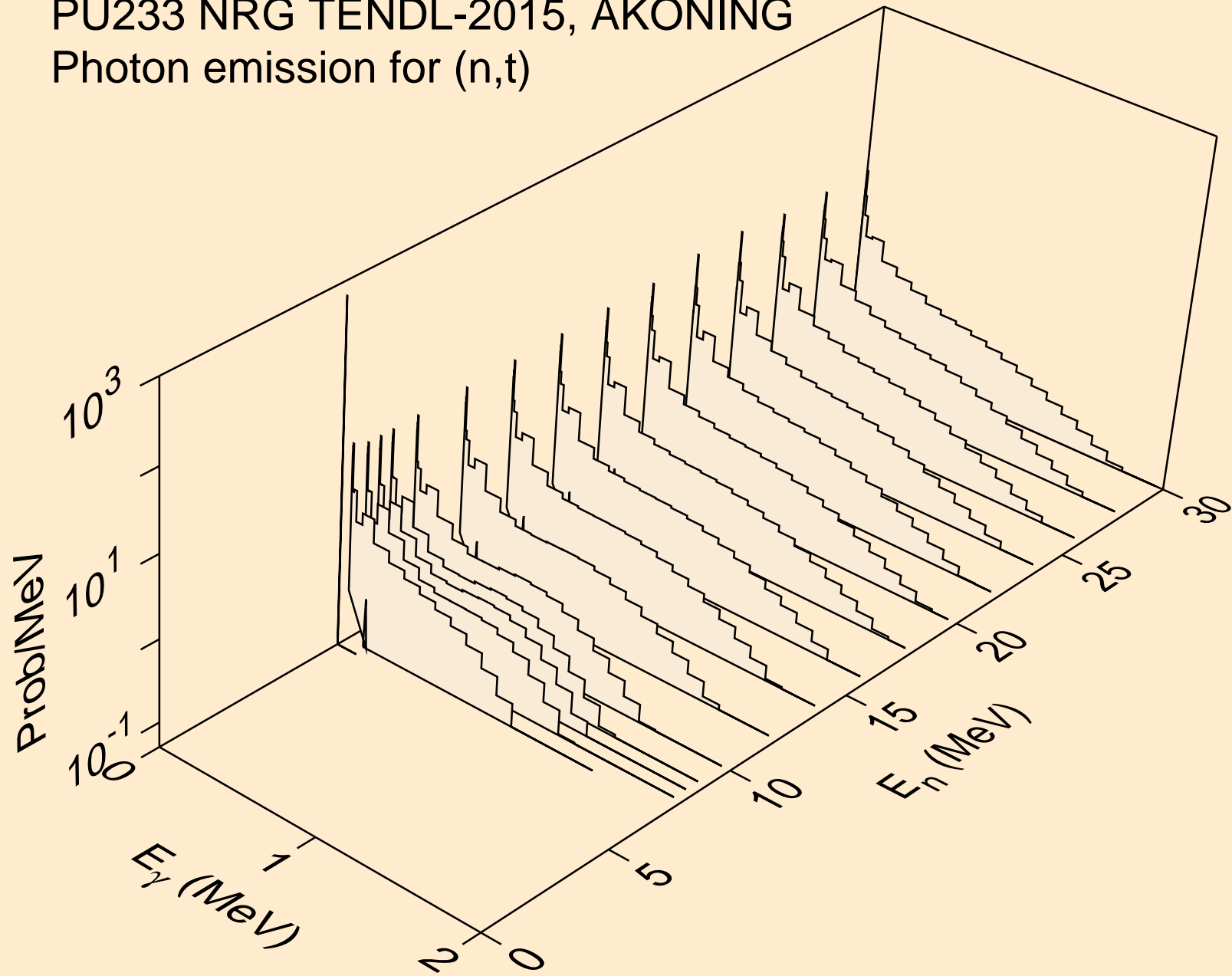




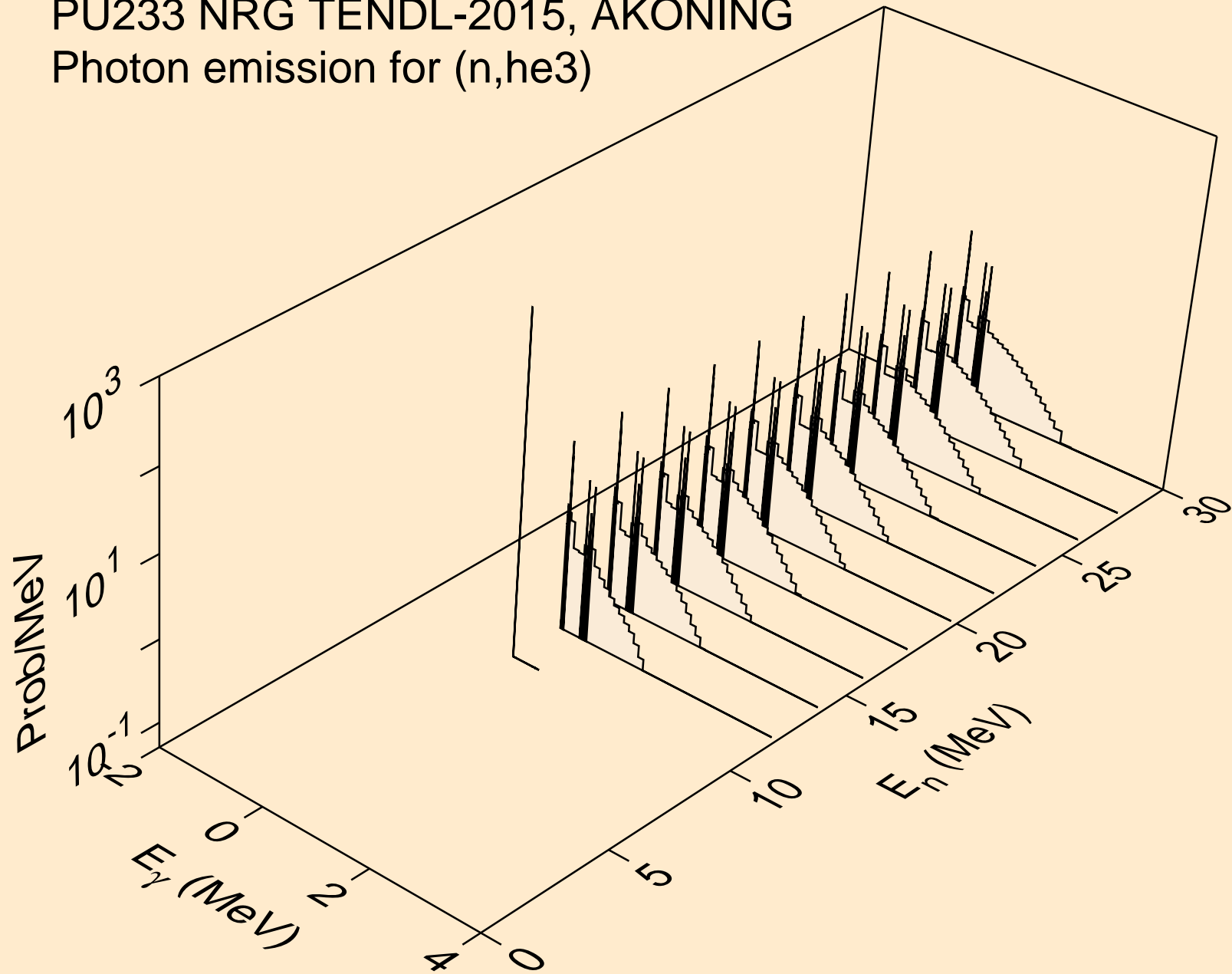
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



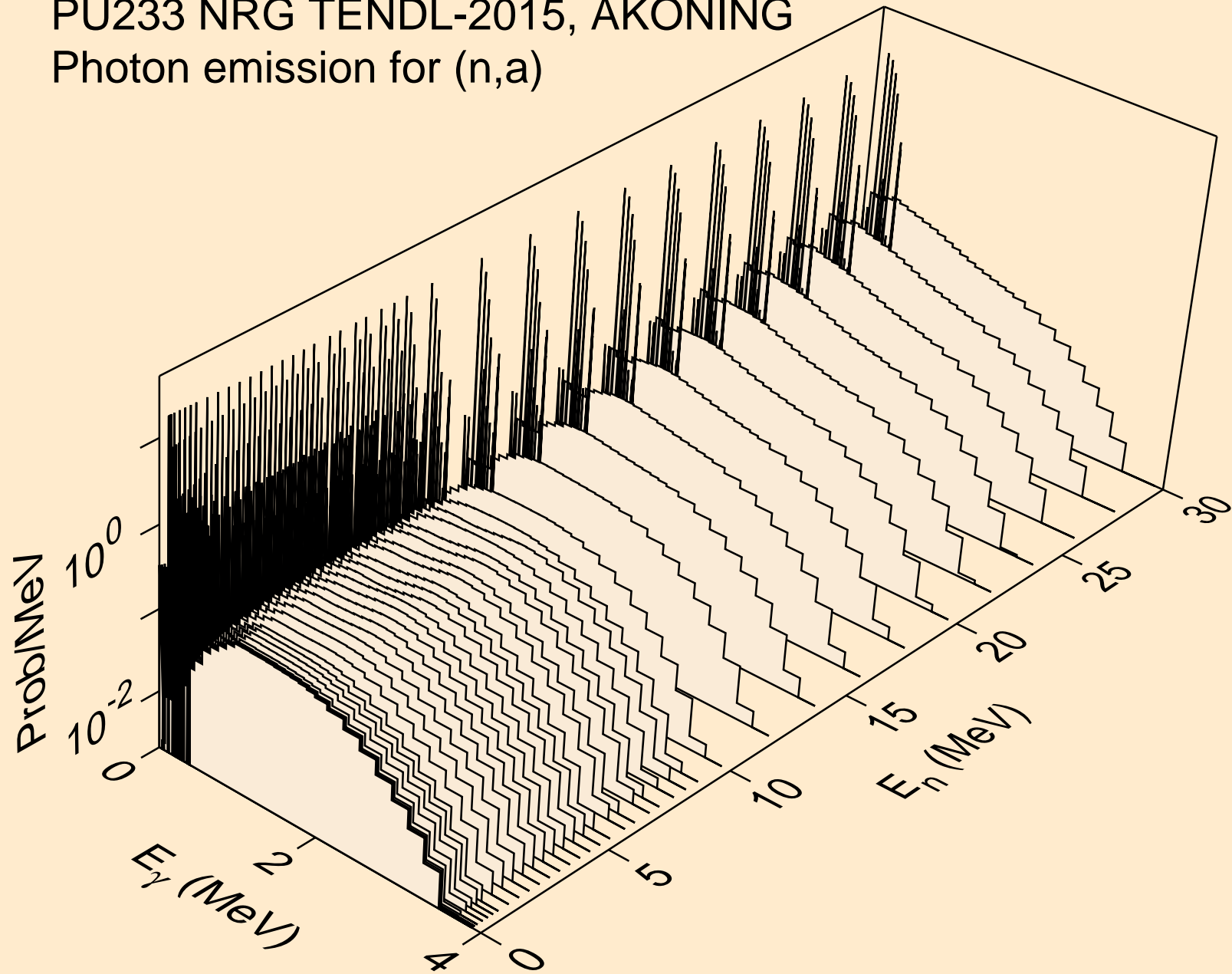
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



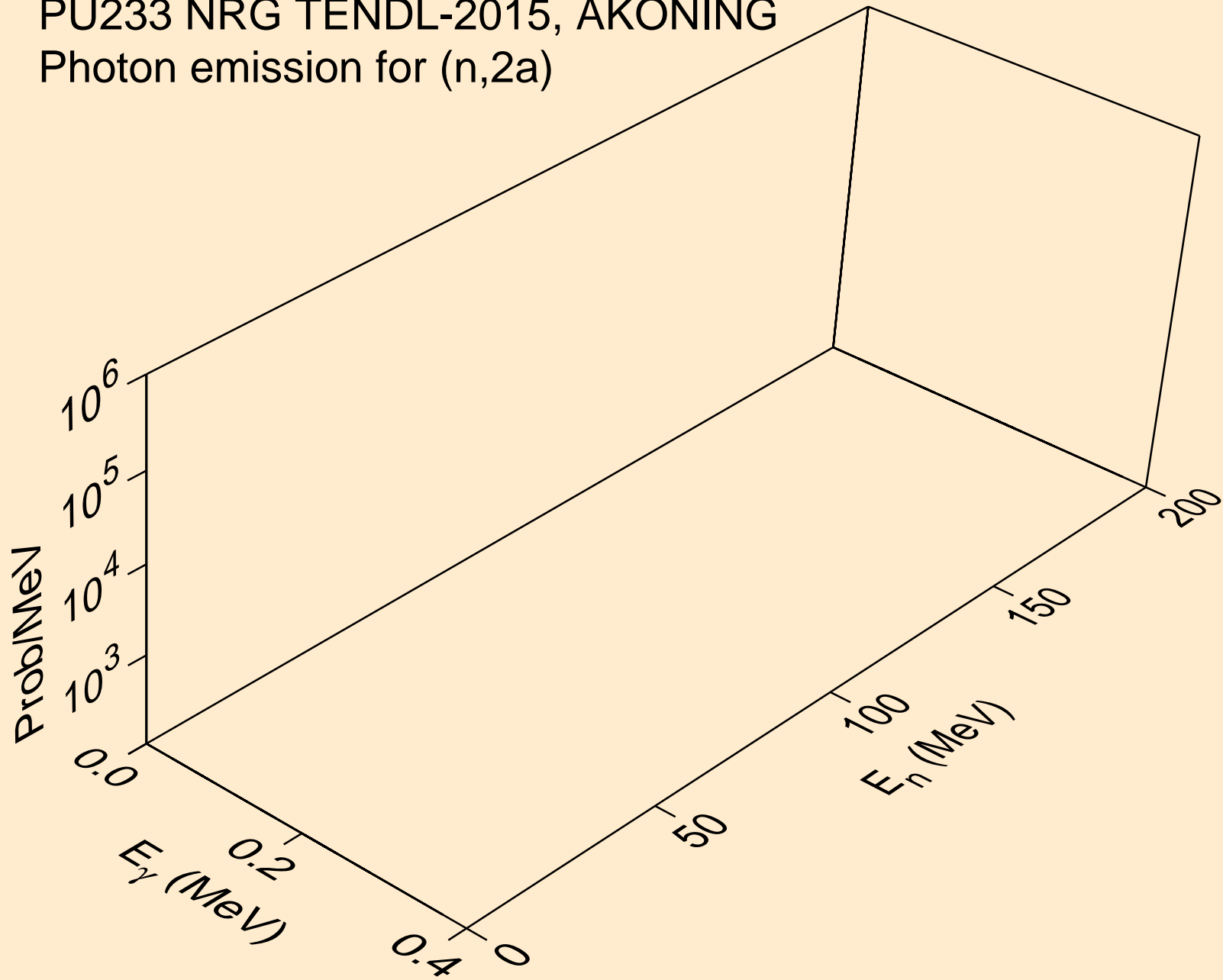
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



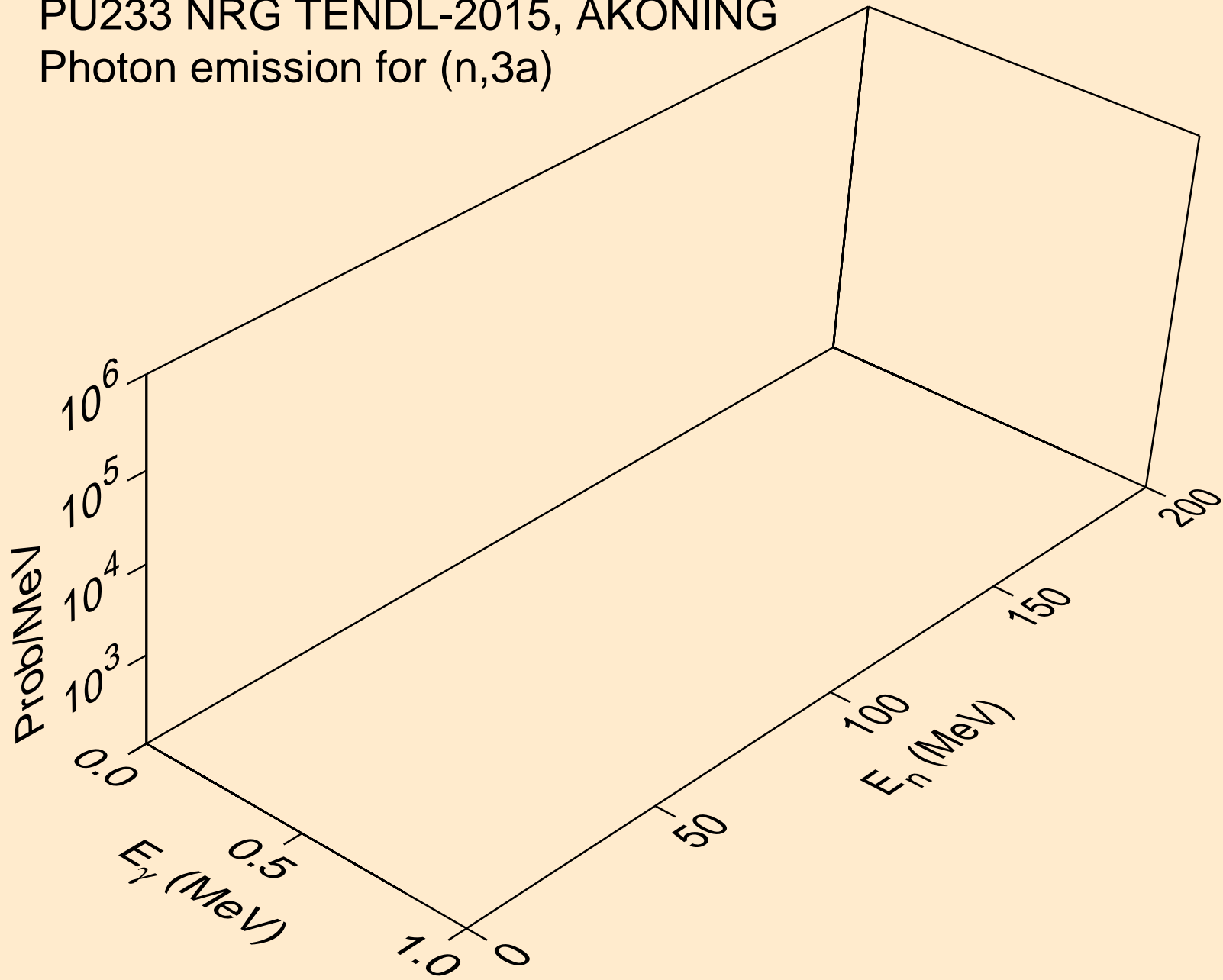
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



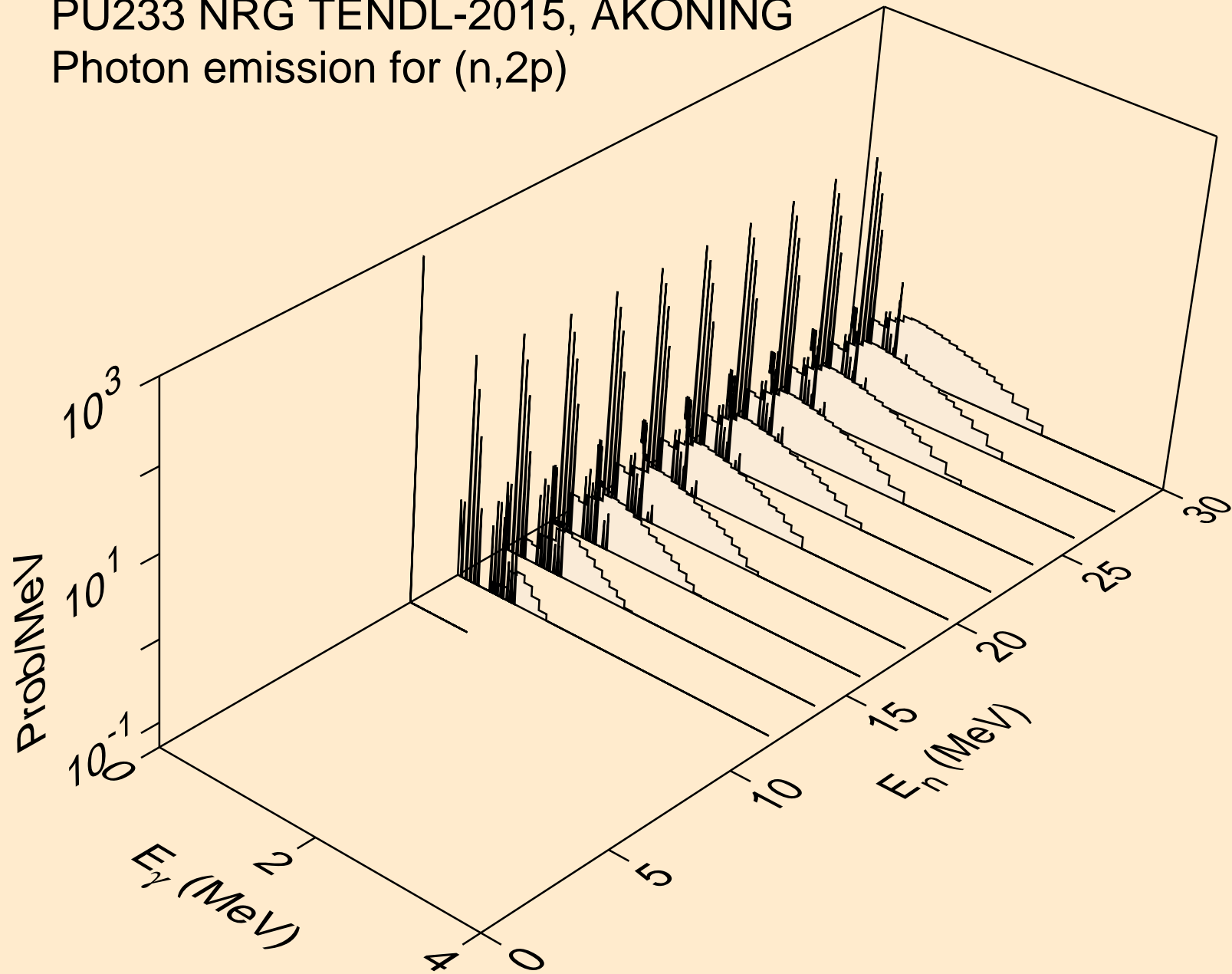
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



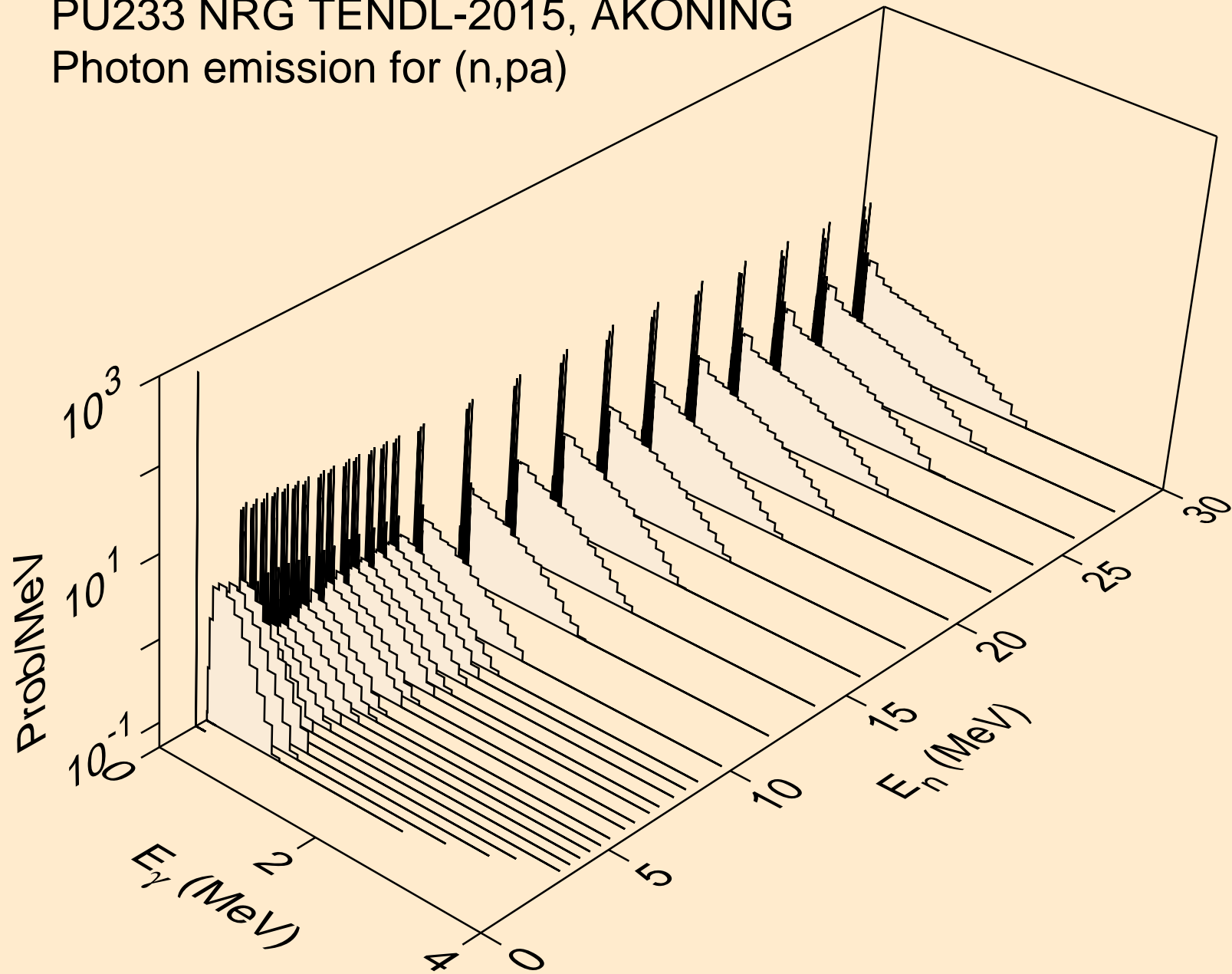
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

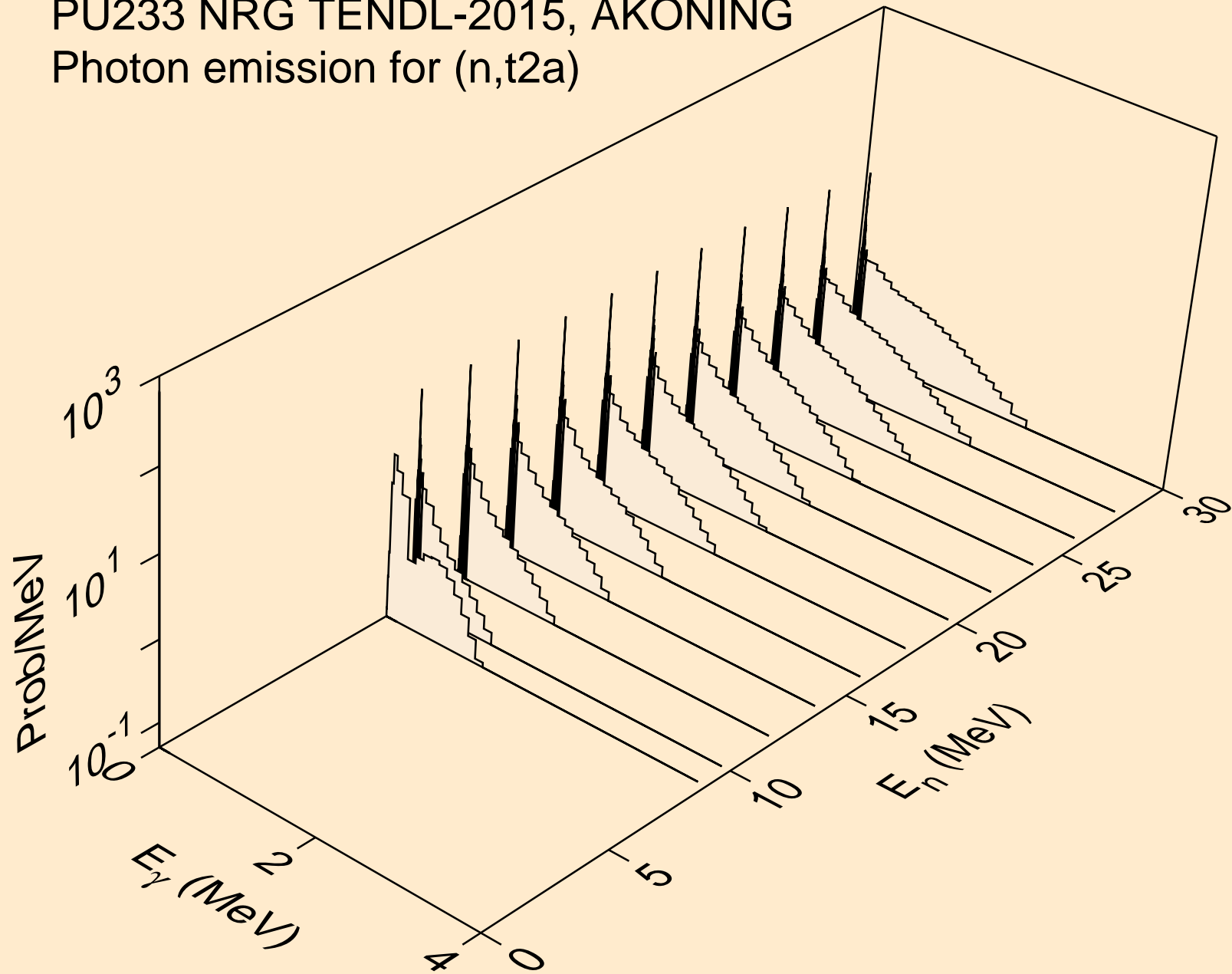


PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

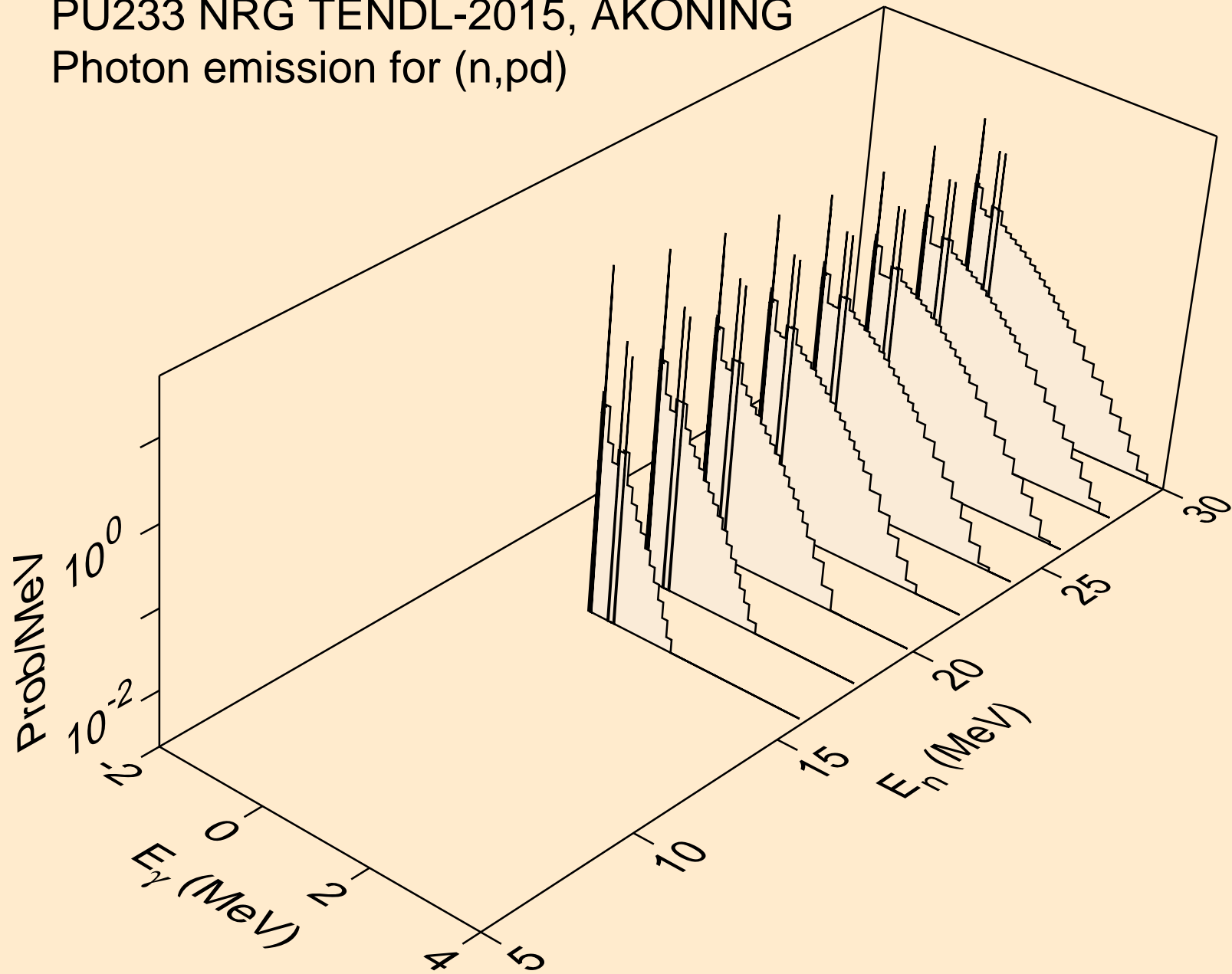




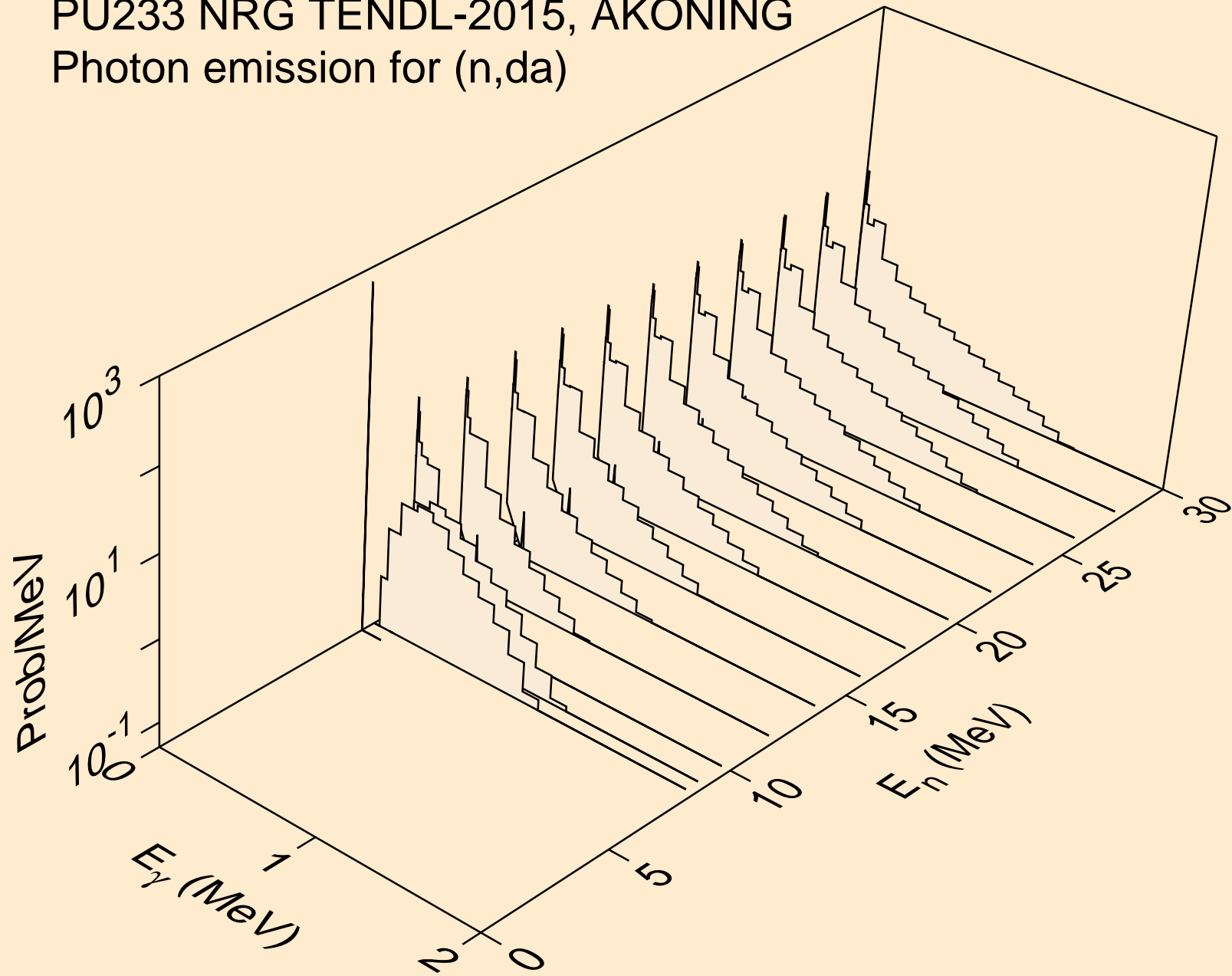
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



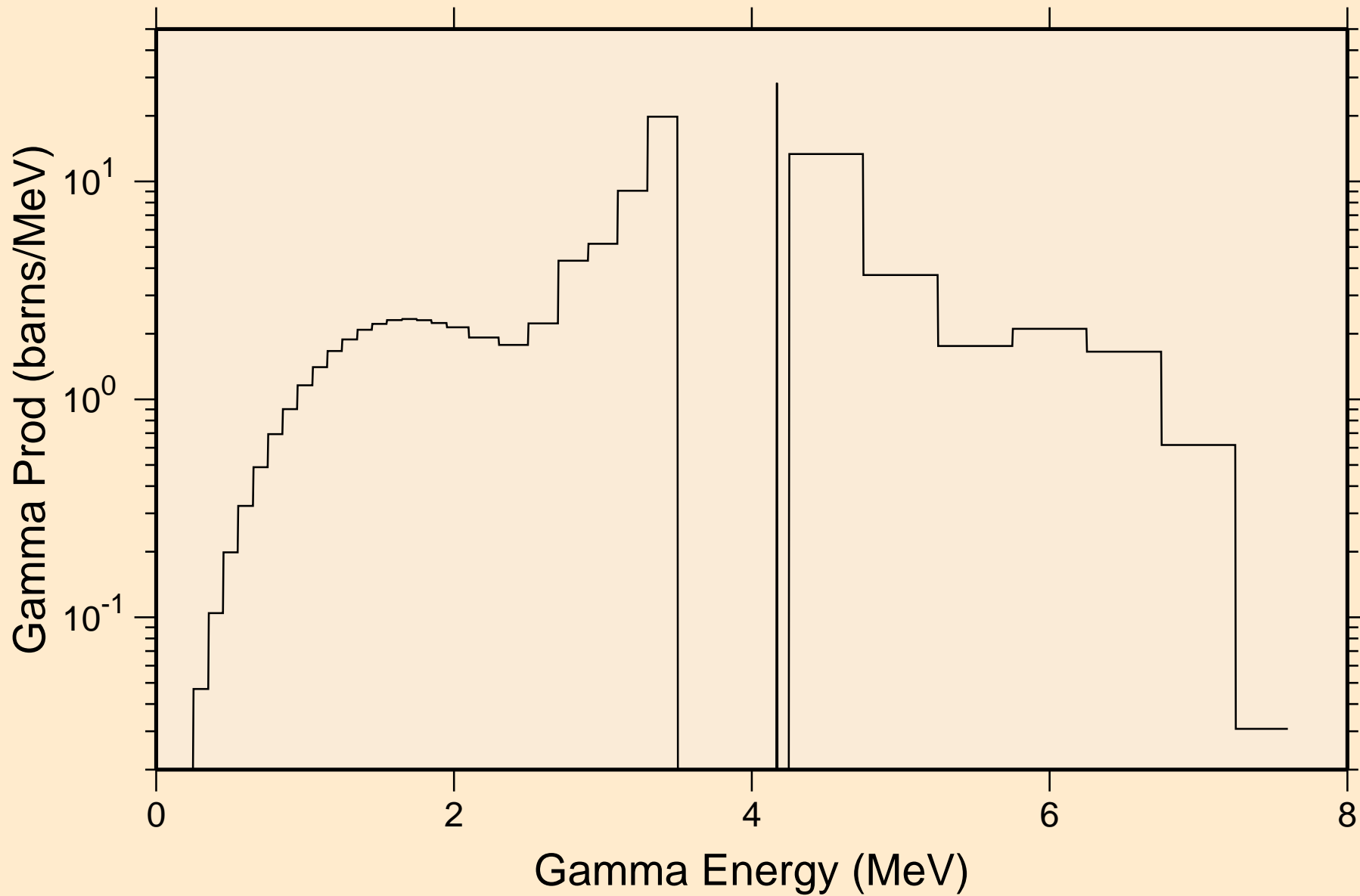
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



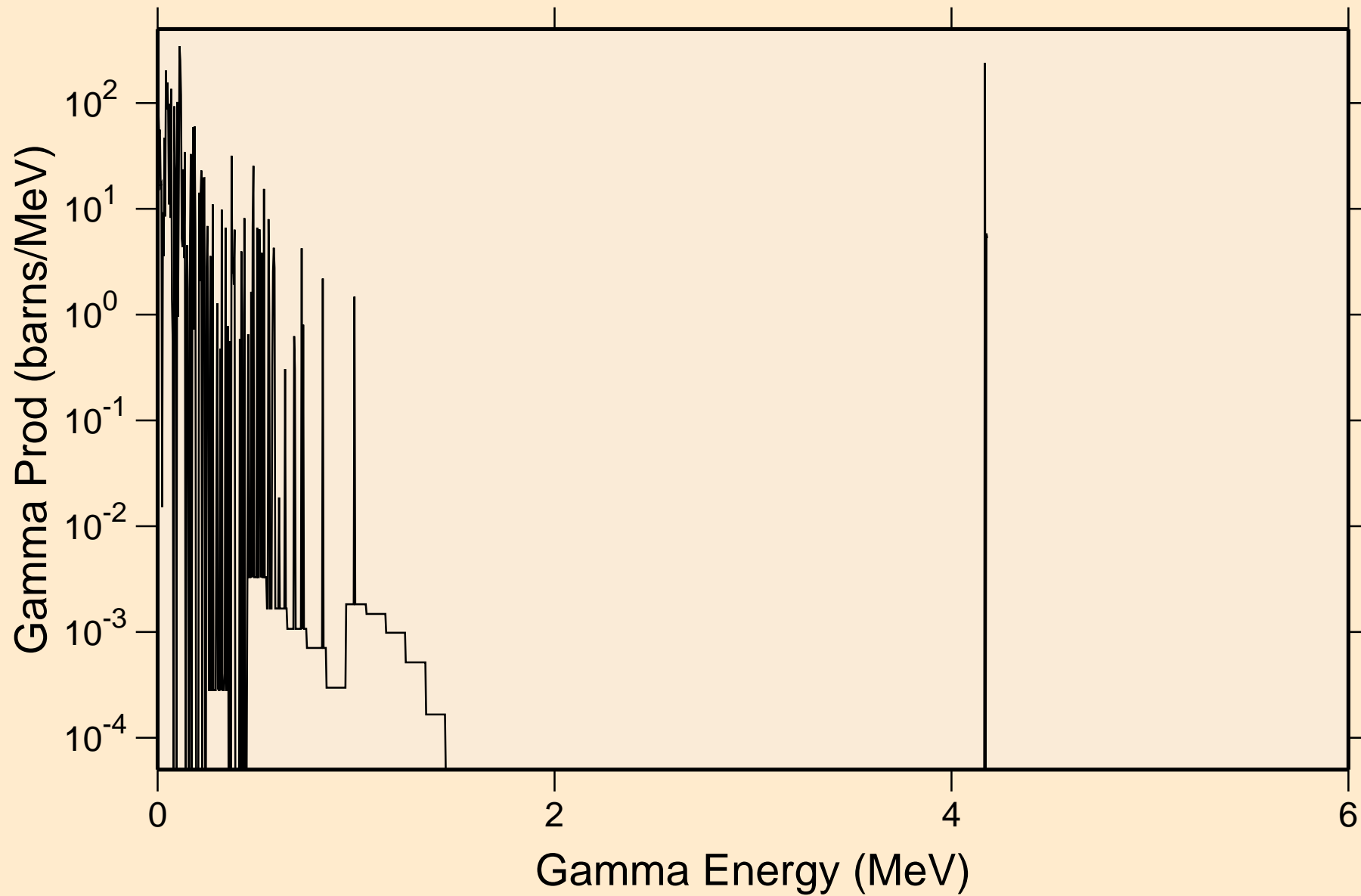
PU233 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PU233 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

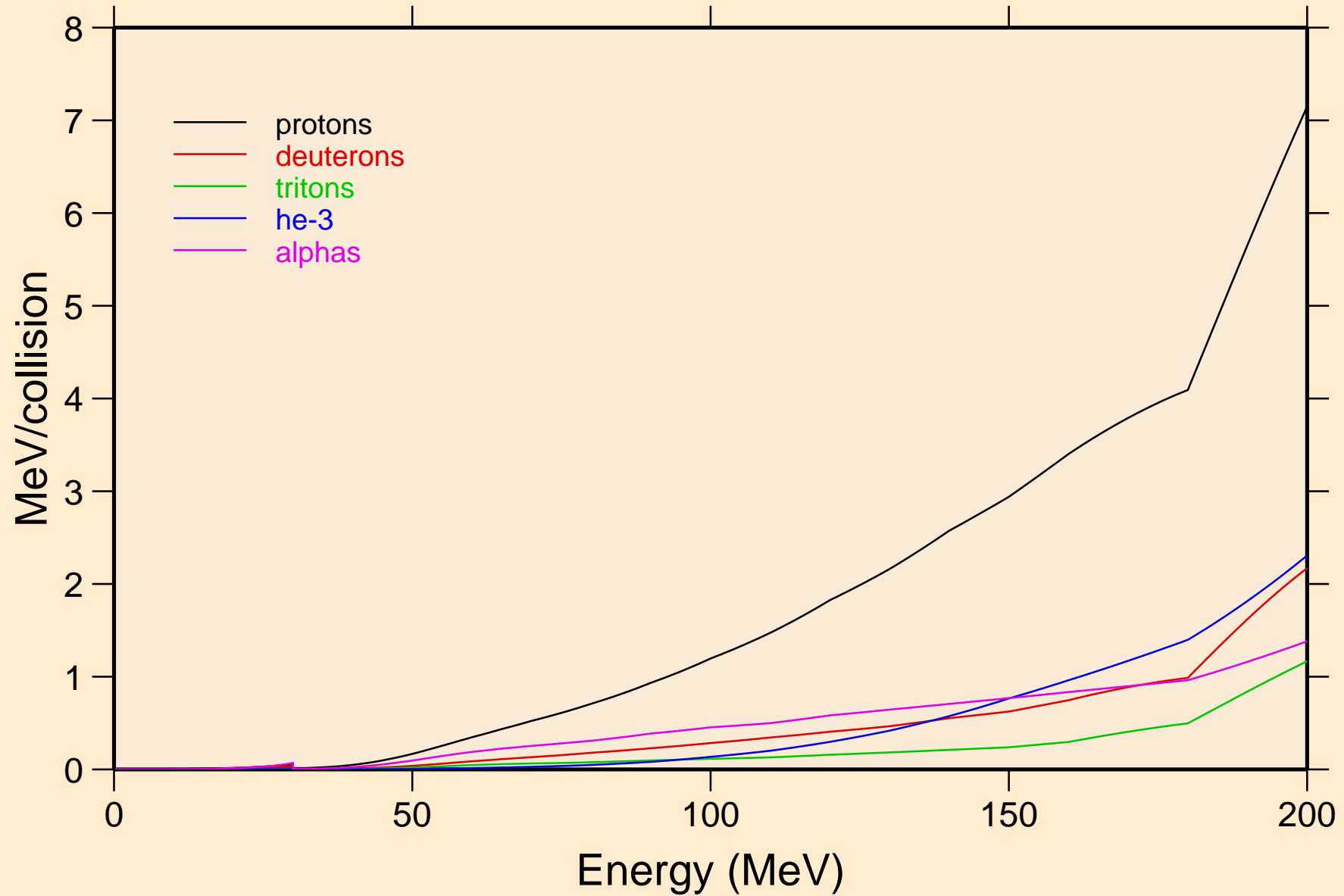


PU233 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



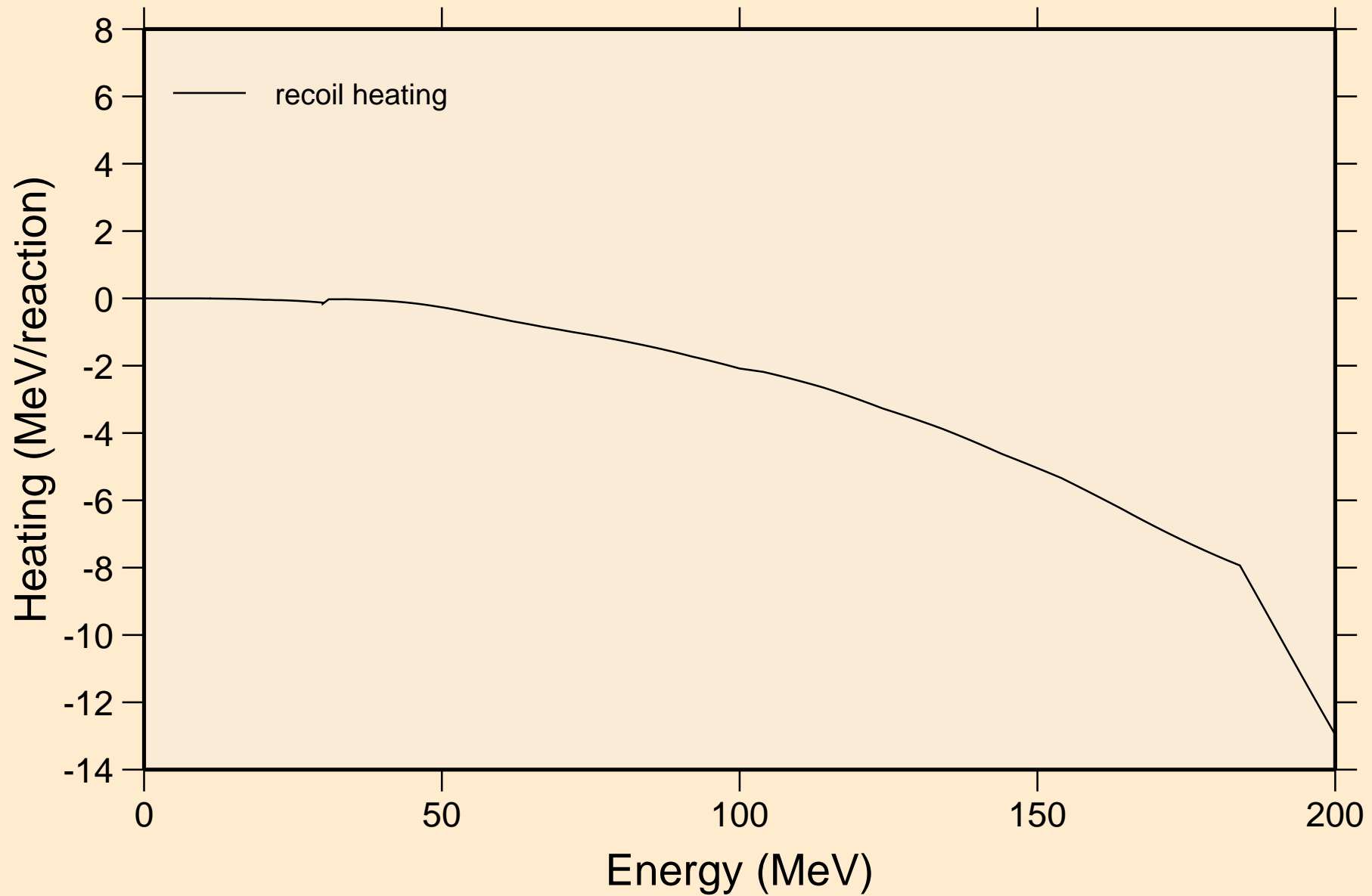
# PU233 NRG TENDL-2015, AKONING

## Particle heating contributions



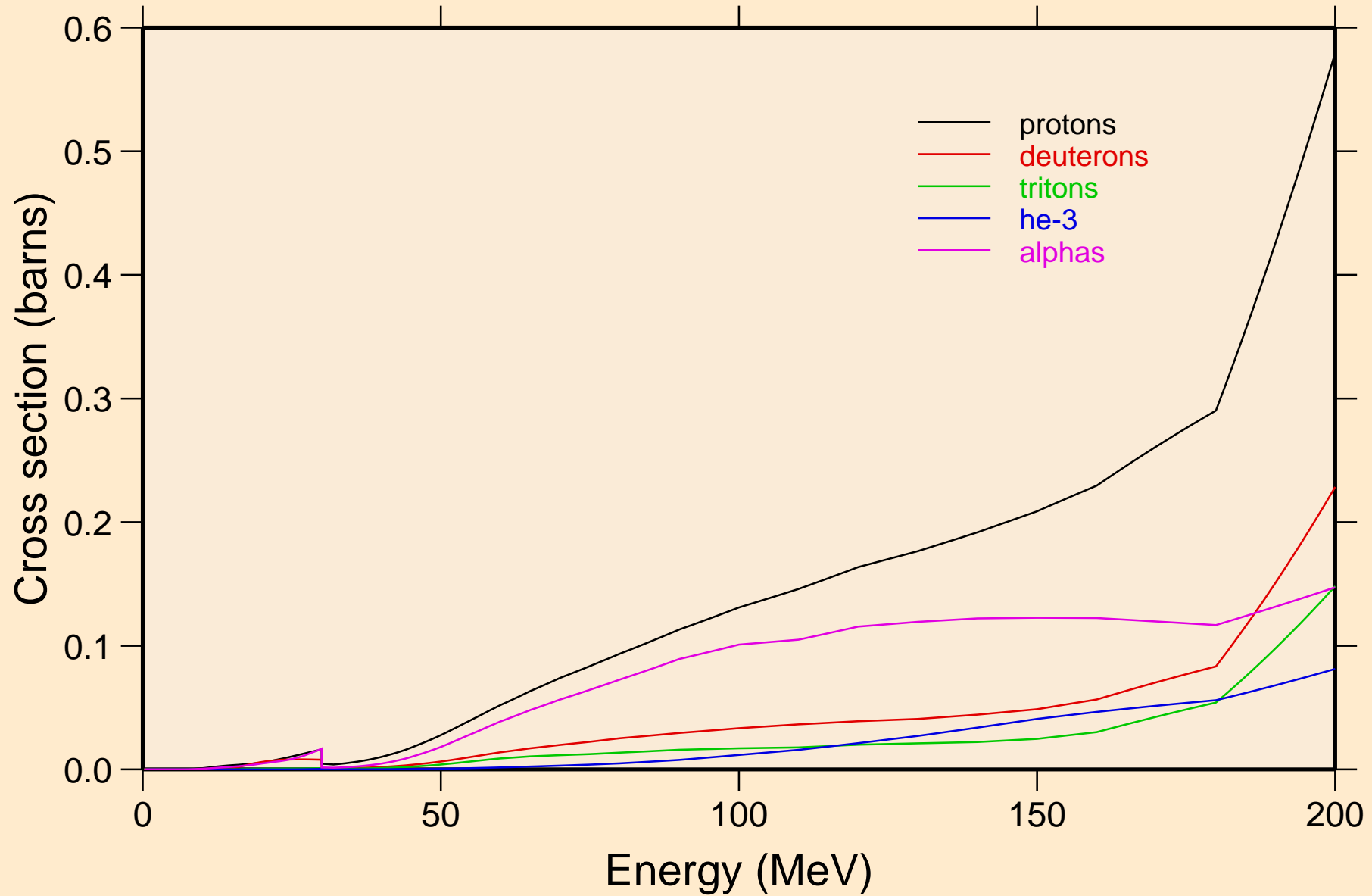
# PU233 NRG TENDL-2015, AKONING

## Recoil Heating



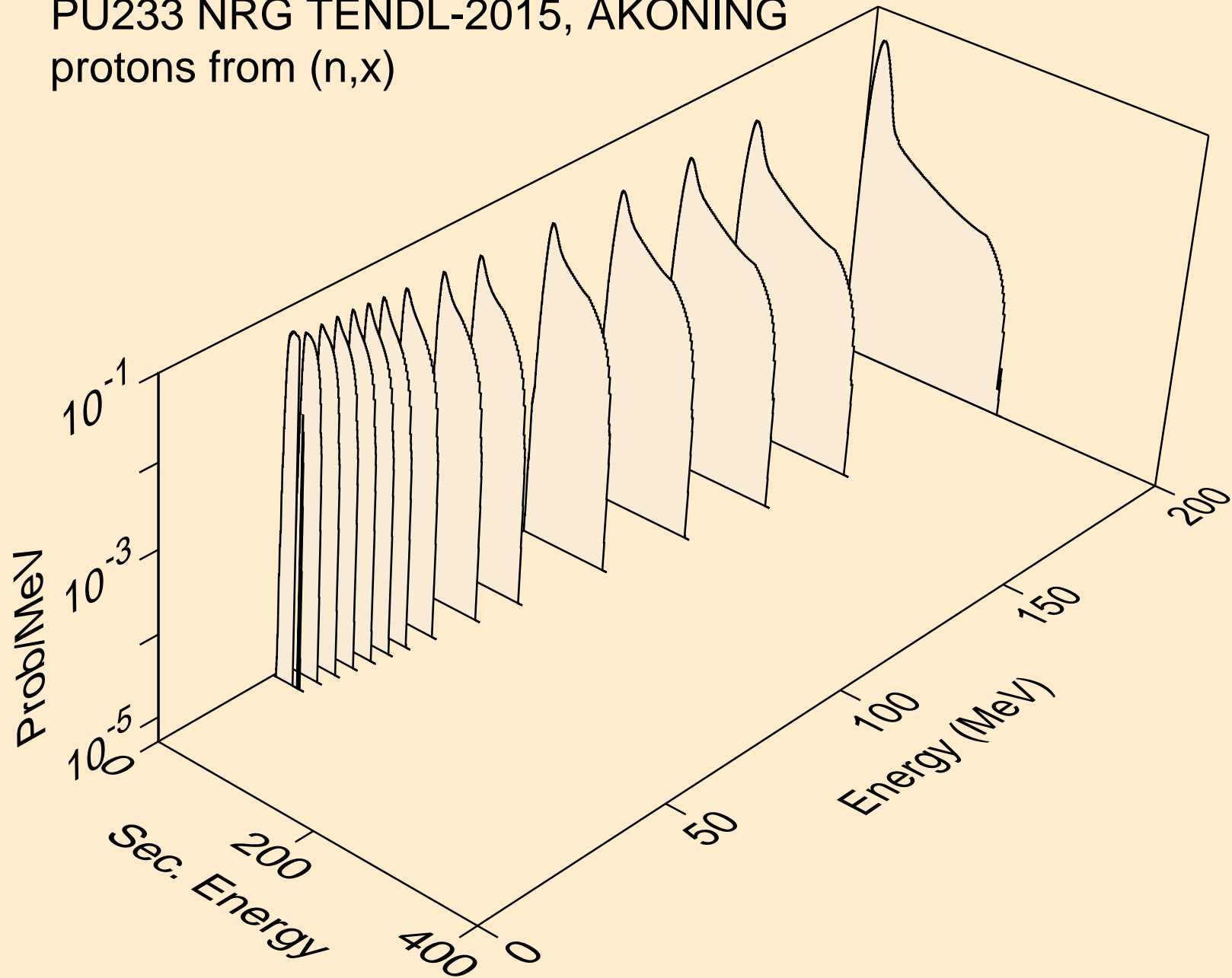
# PU233 NRG TENDL-2015, AKONING

## Particle production cross sections

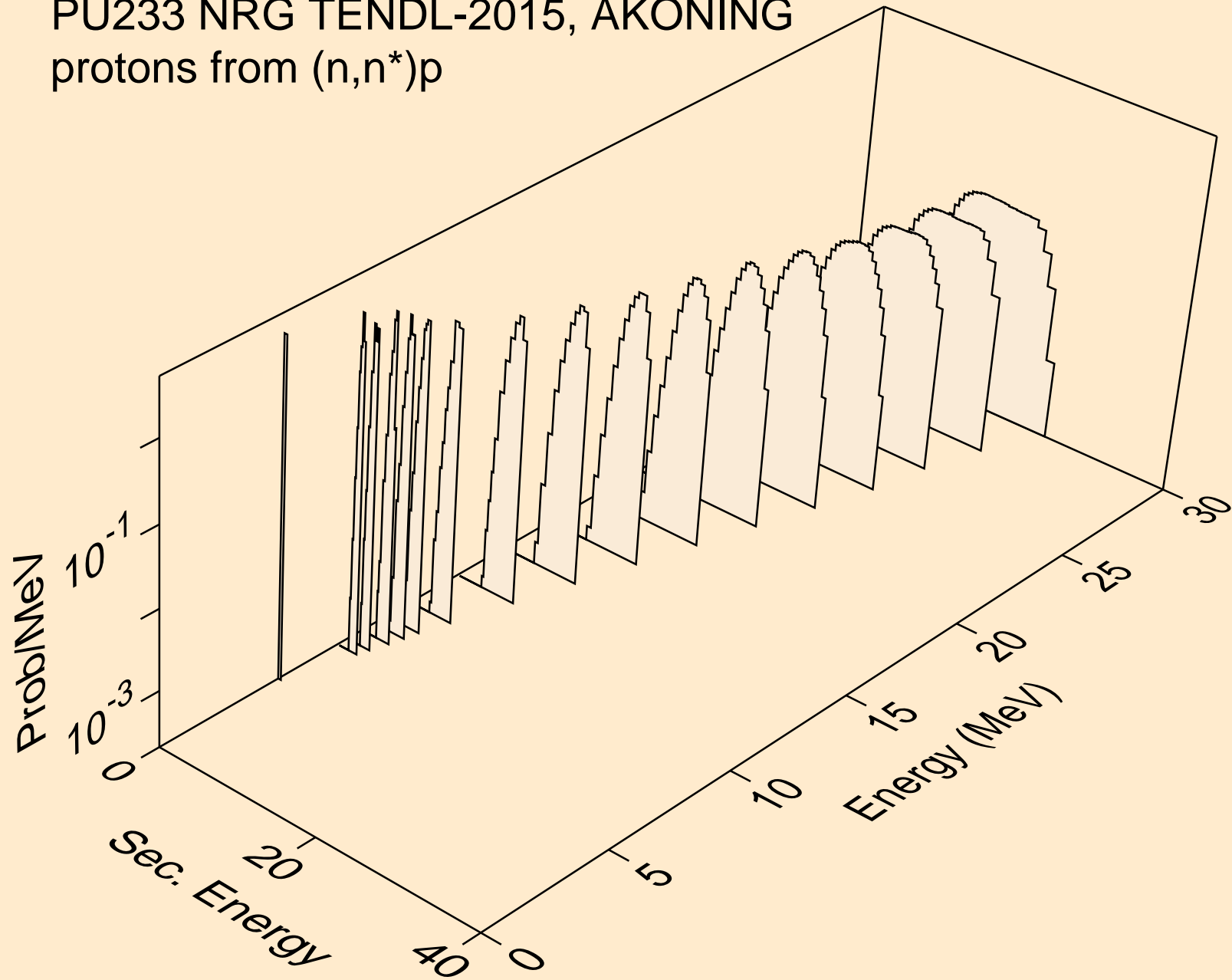




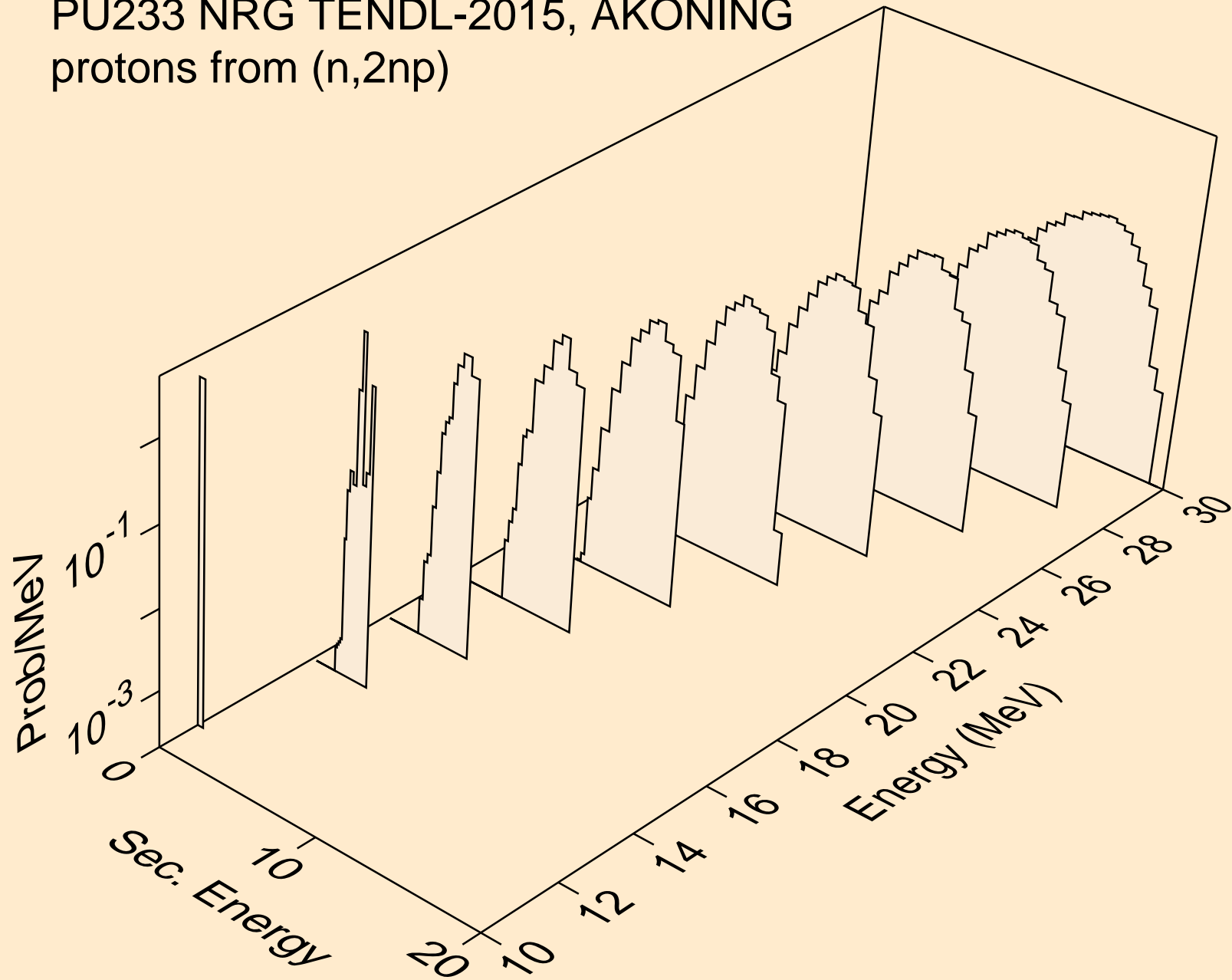
PU233 NRG TENDL-2015, AKONING  
protons from (n,x)



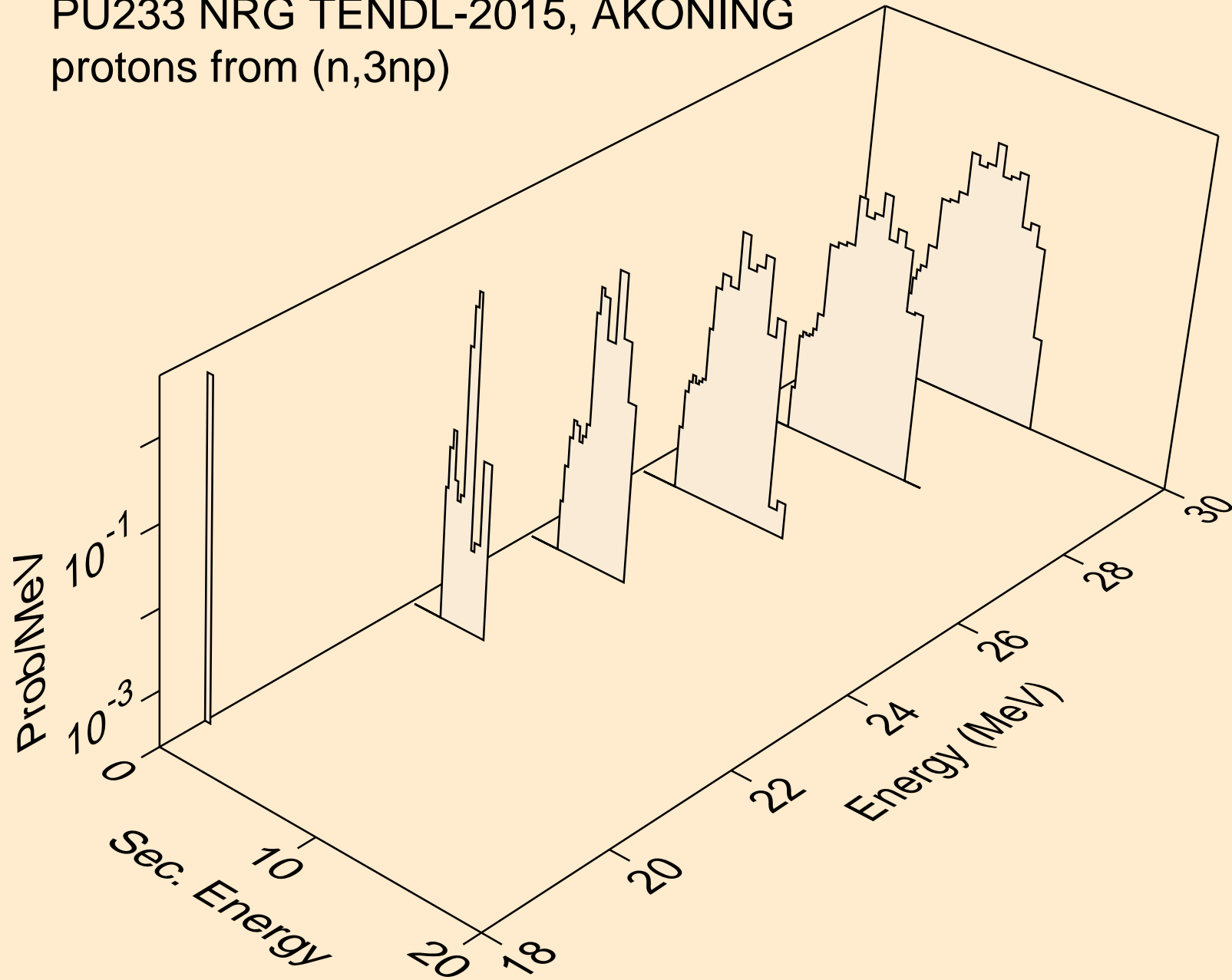
PU233 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



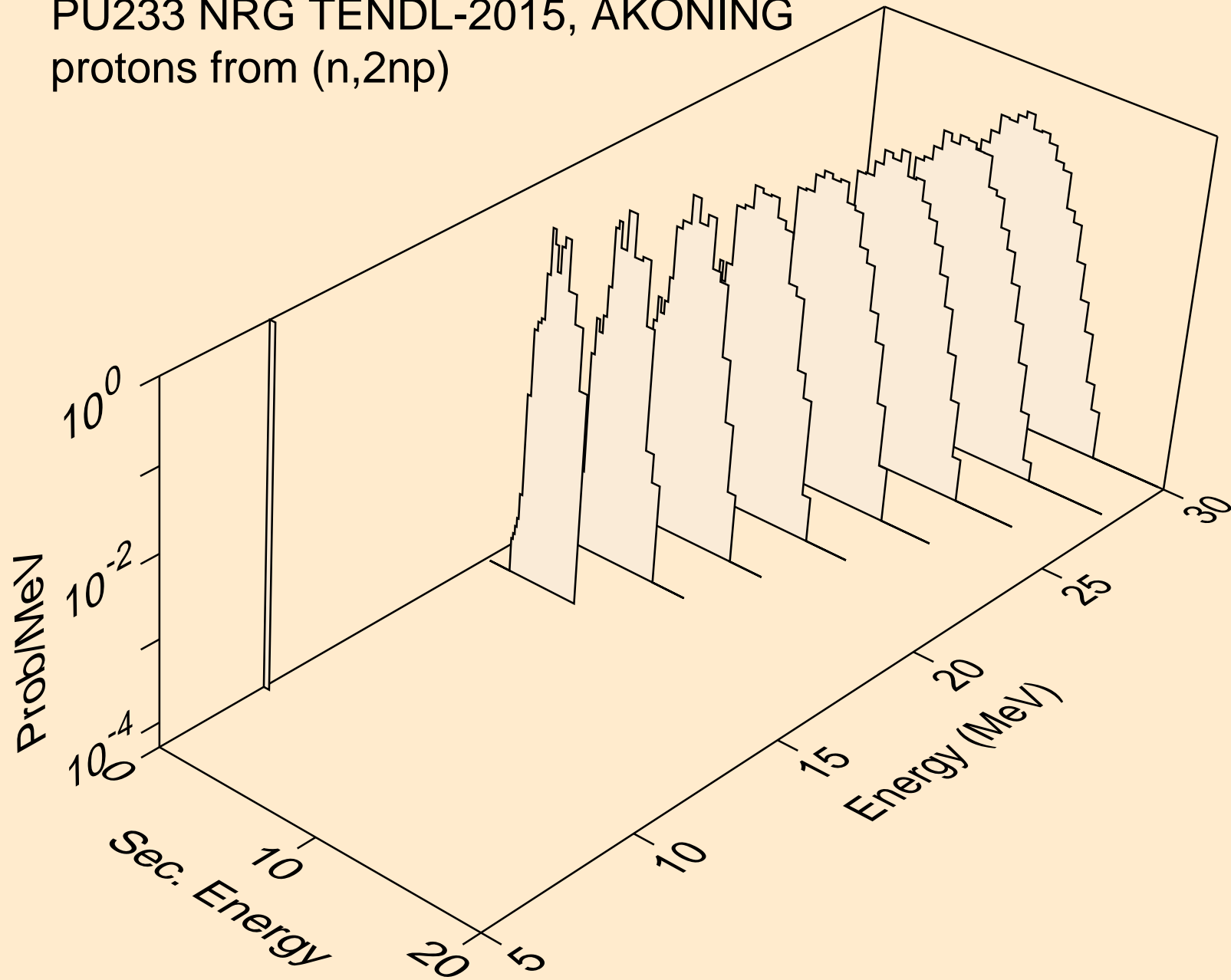
PU233 NRG TENDL-2015, AKONING  
protons from (n,2np)



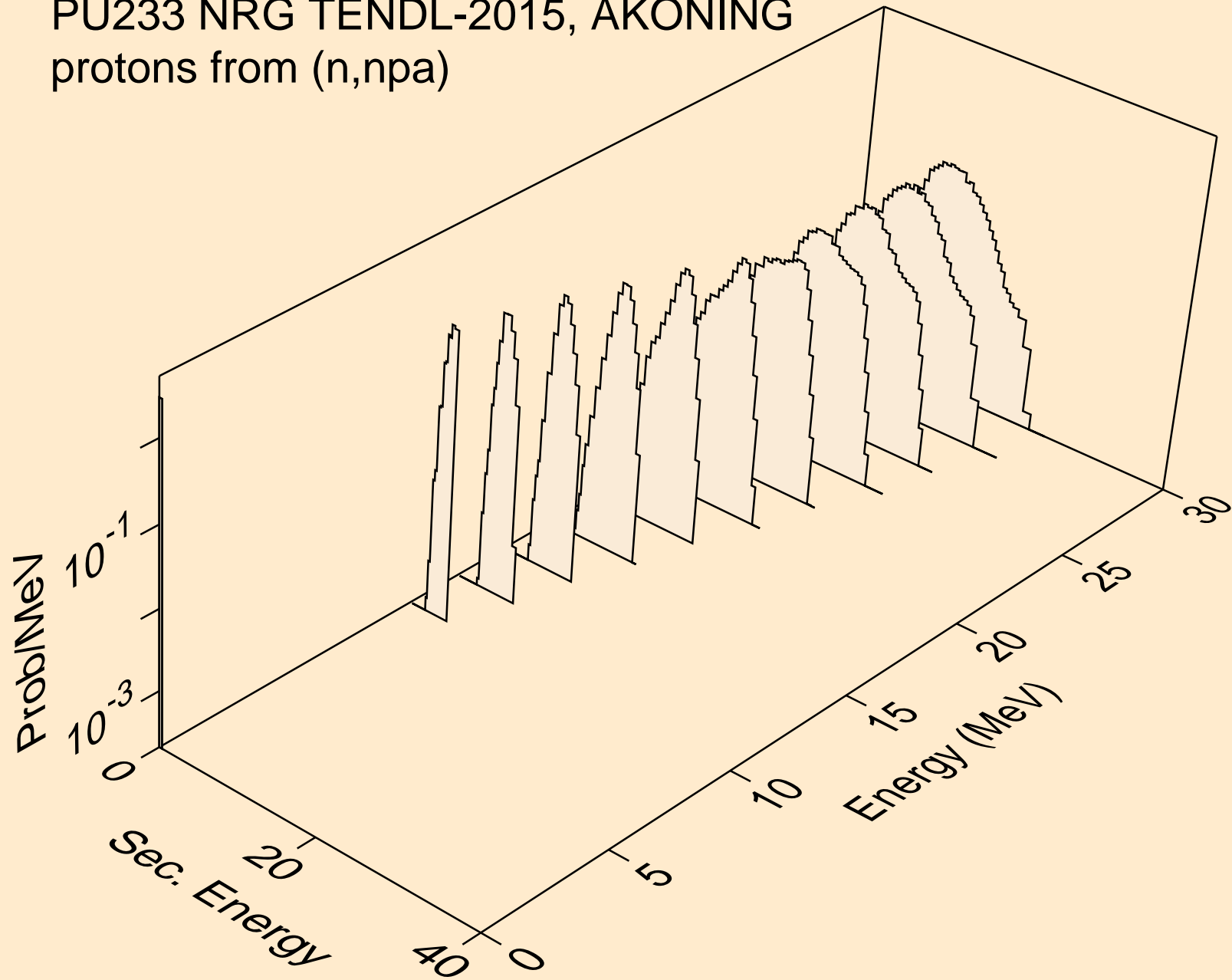
PU233 NRG TENDL-2015, AKONING  
protons from (n,3np)



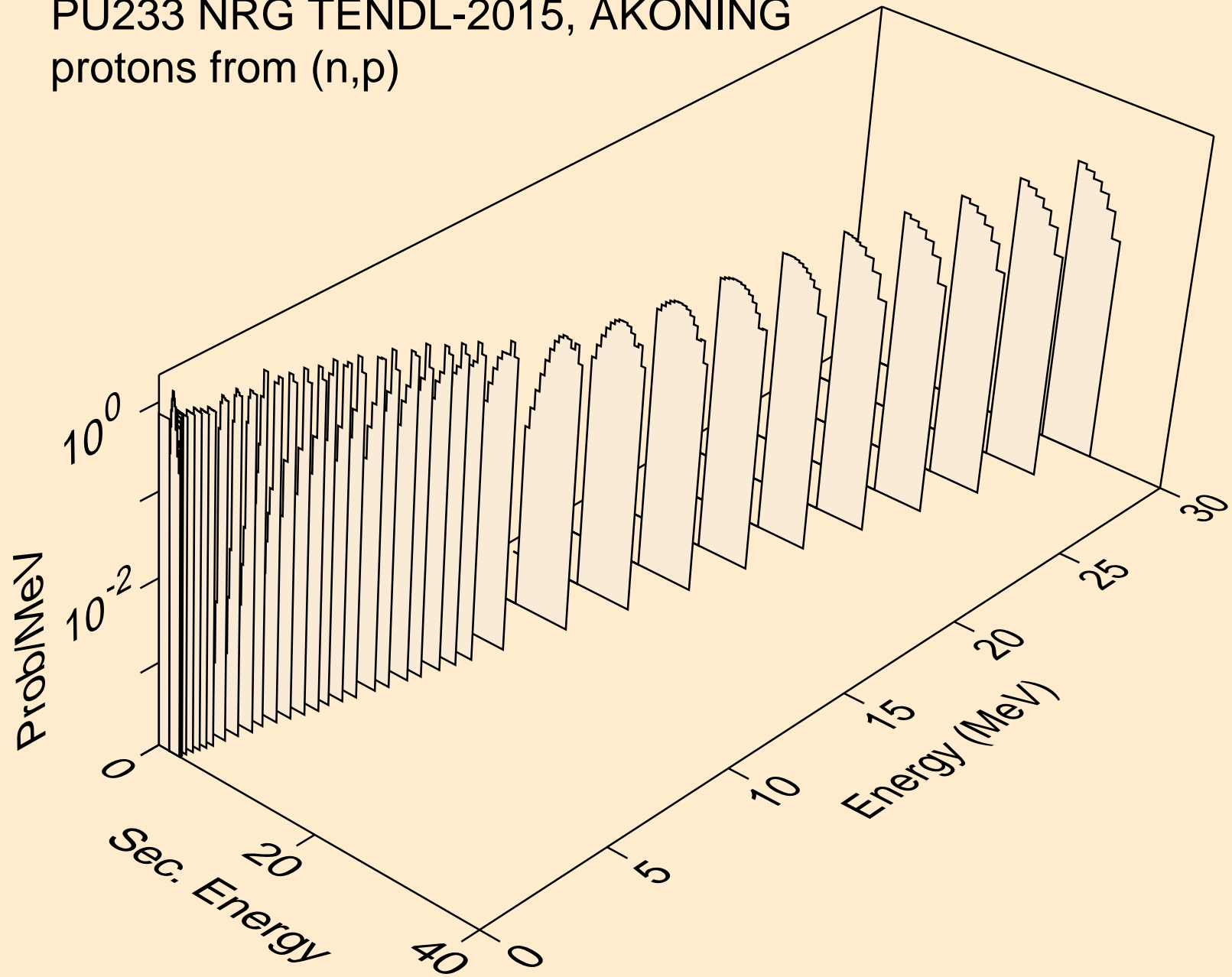
PU233 NRG TENDL-2015, AKONING  
protons from (n,2np)



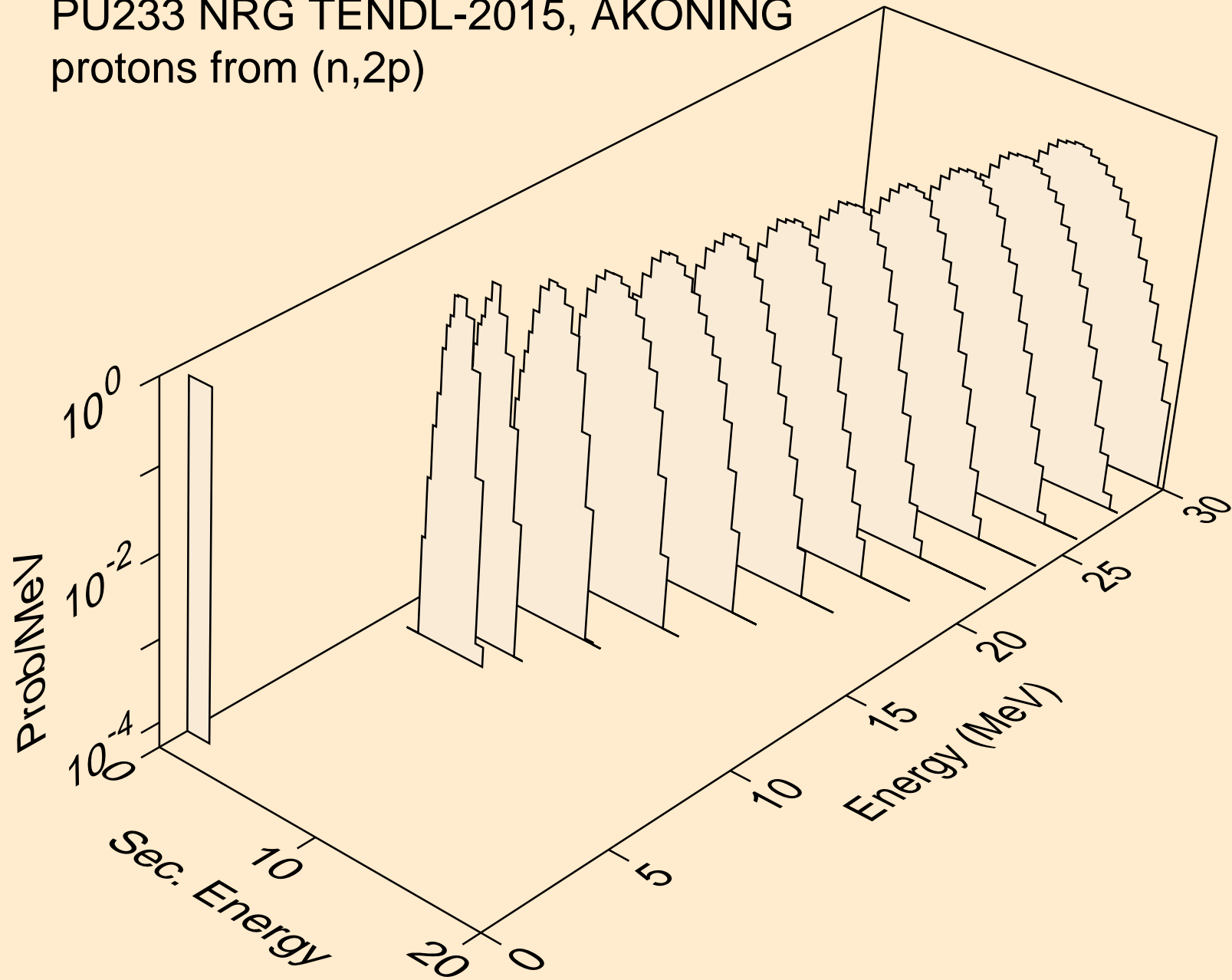
PU233 NRG TENDL-2015, AKONING  
protons from (n,npa)



PU233 NRG TENDL-2015, AKONING  
protons from (n,p)

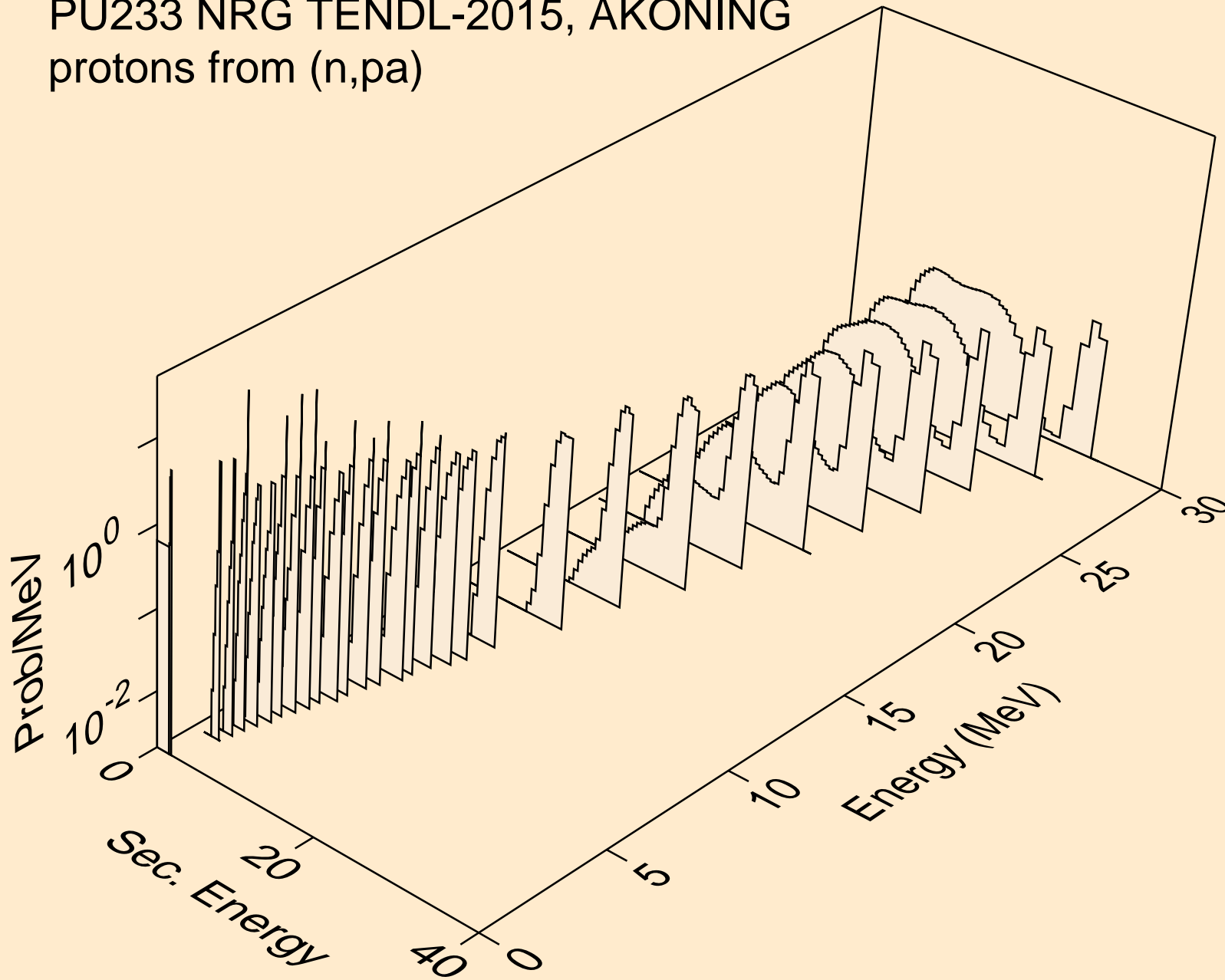


PU233 NRG TENDL-2015, AKONING  
protons from (n,2p)

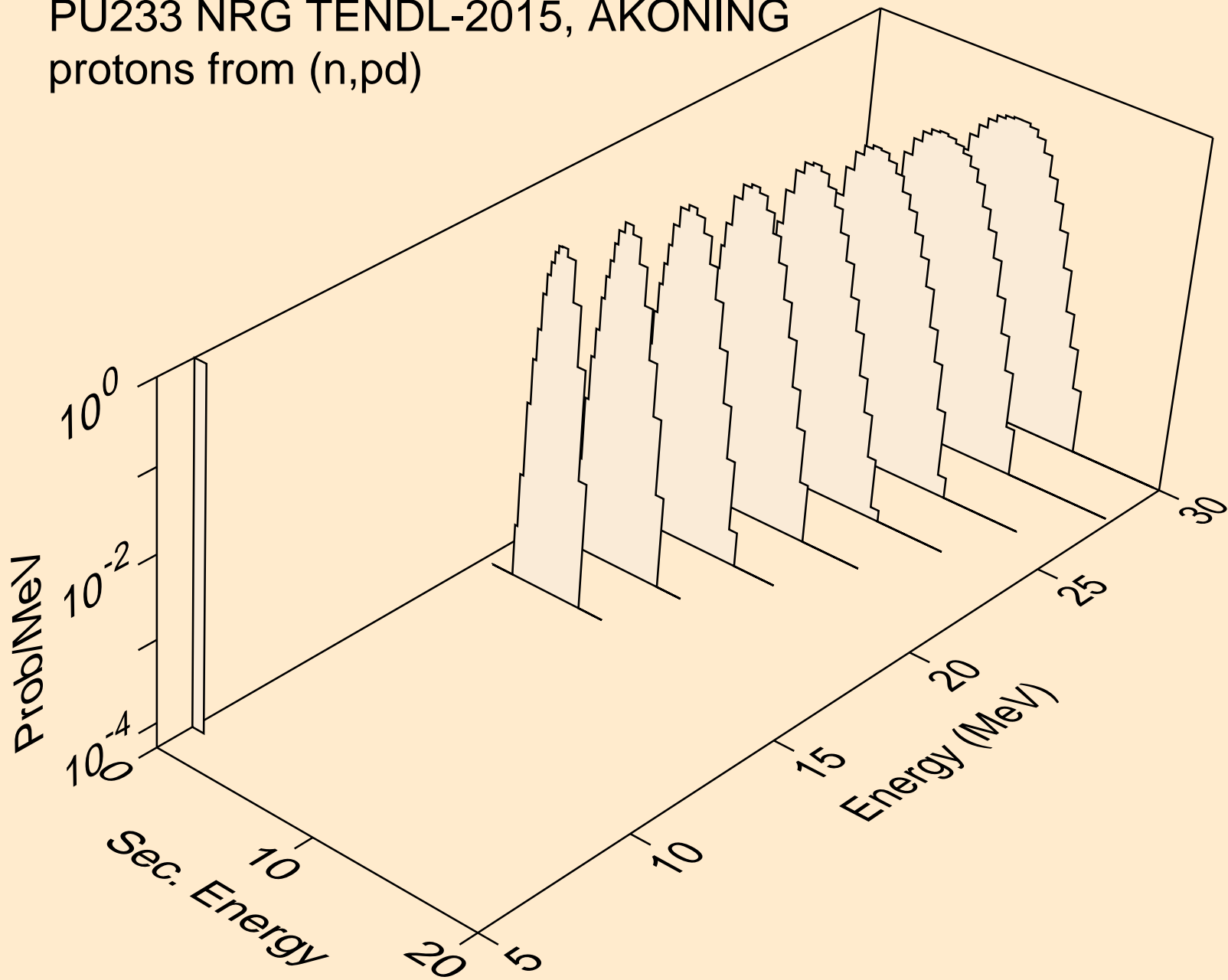




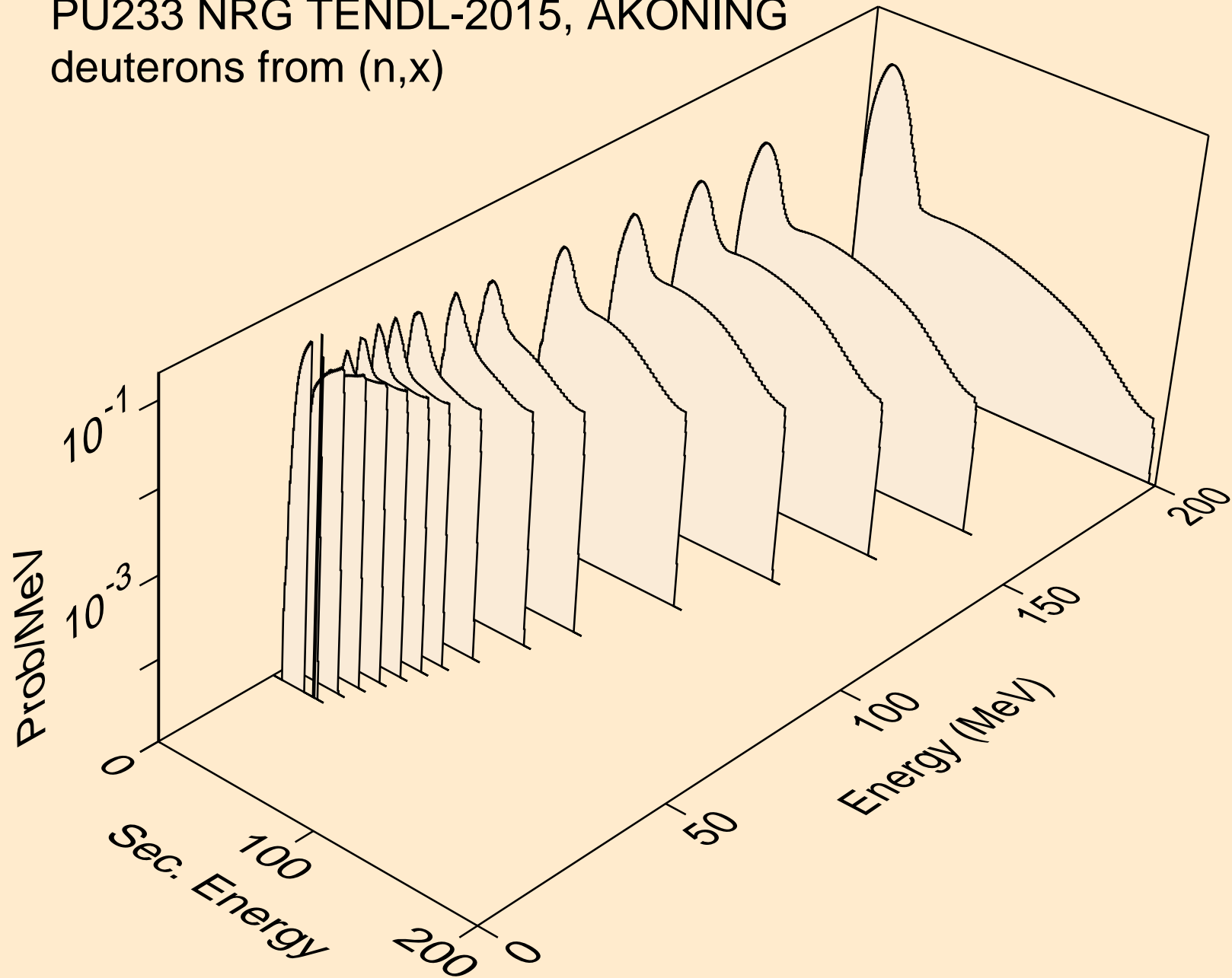
PU233 NRG TENDL-2015, AKONING  
protons from (n,pa)



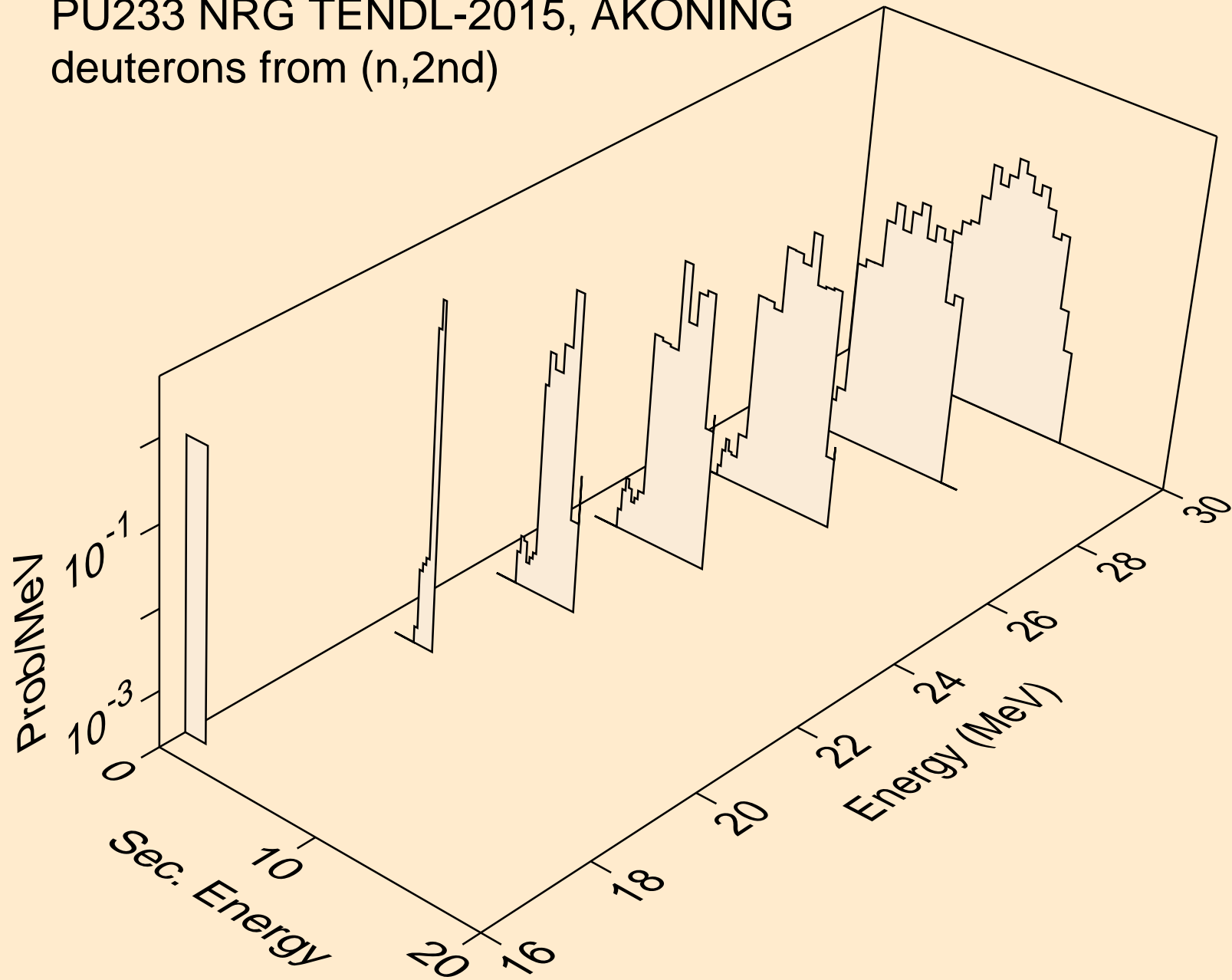
PU233 NRG TENDL-2015, AKONING  
protons from (n,pd)



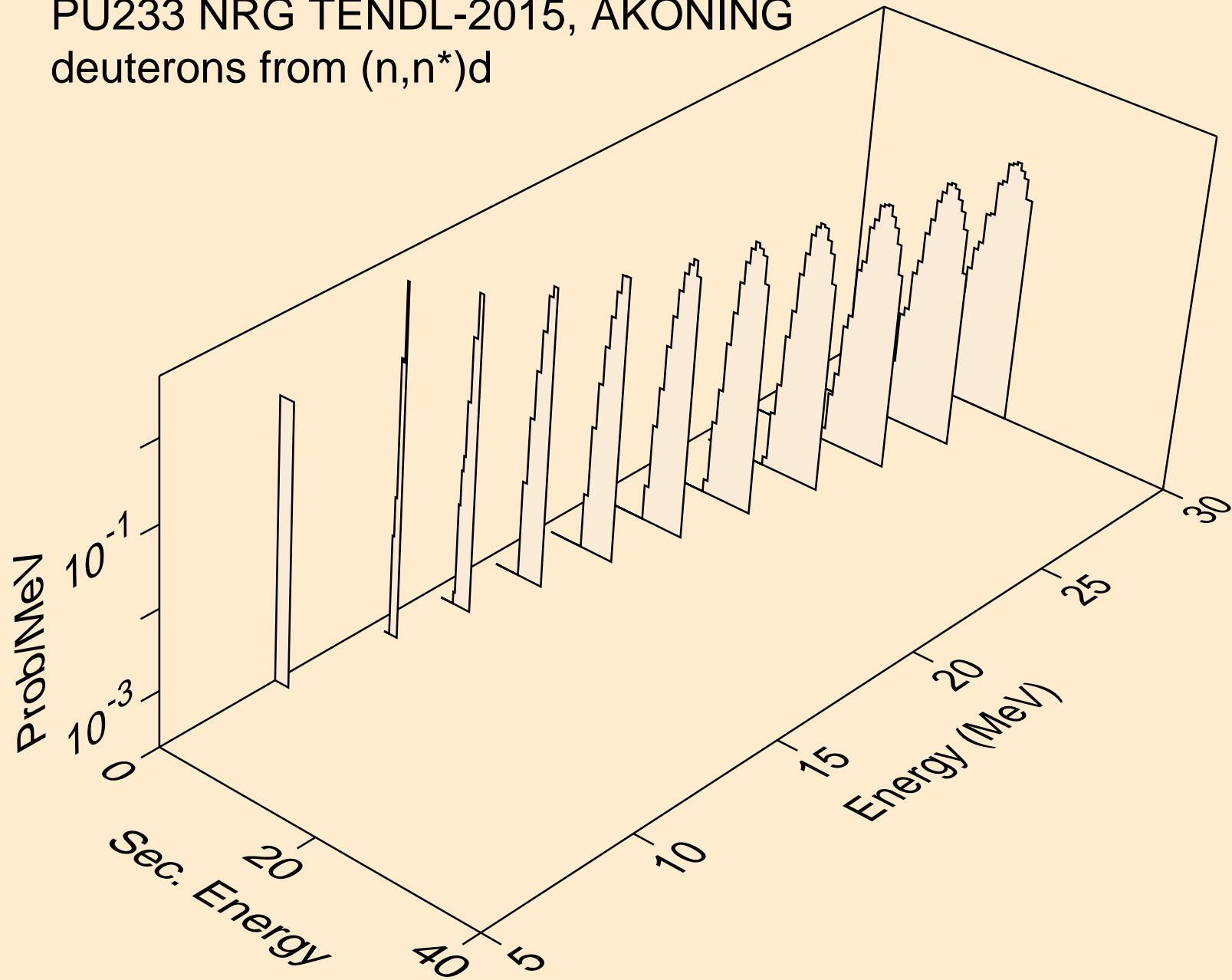
PU233 NRG TENDL-2015, AKONING  
deuterons from (n,x)



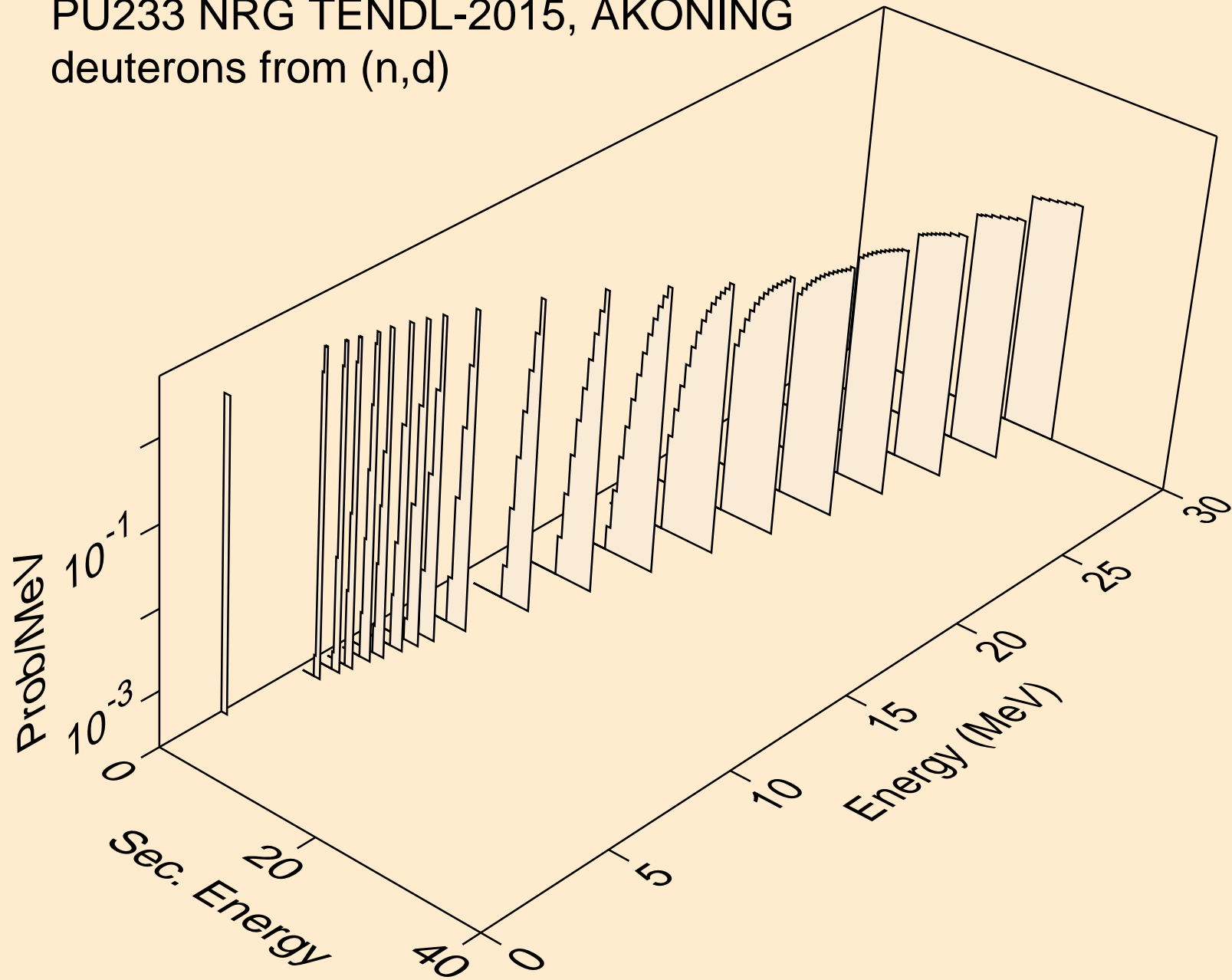
PU233 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



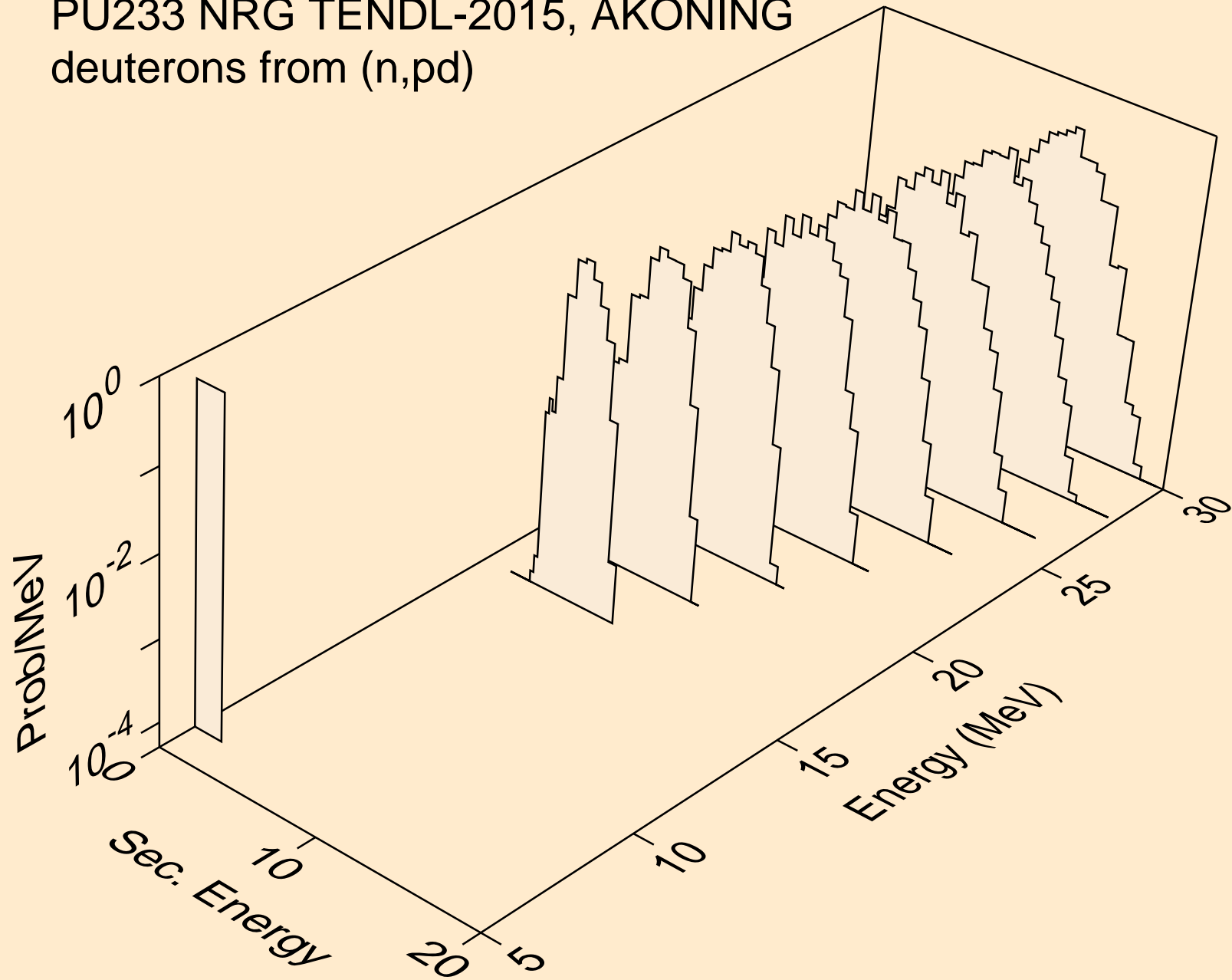
PU233 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



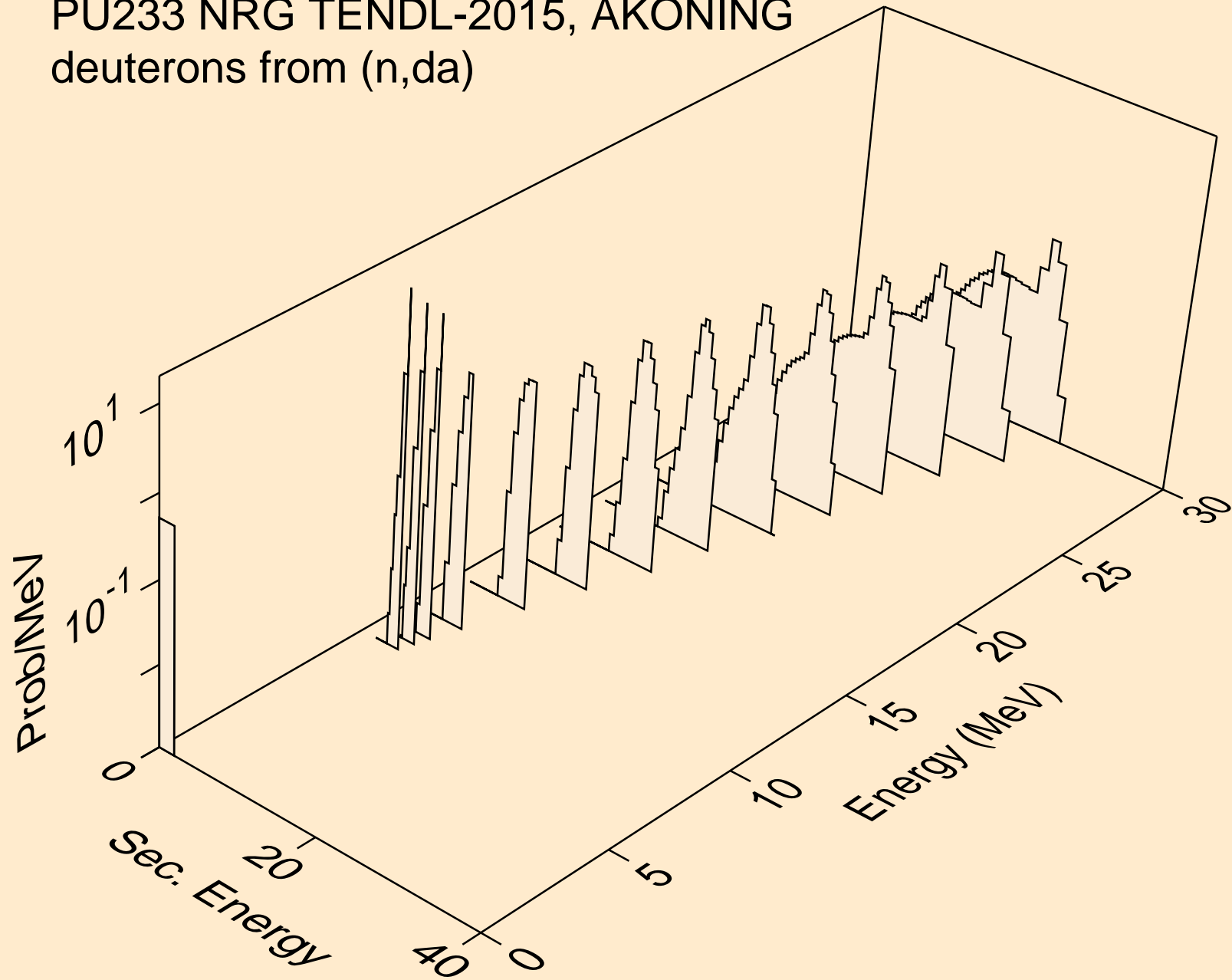
PU233 NRG TENDL-2015, AKONING  
deuterons from (n,d)



PU233 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

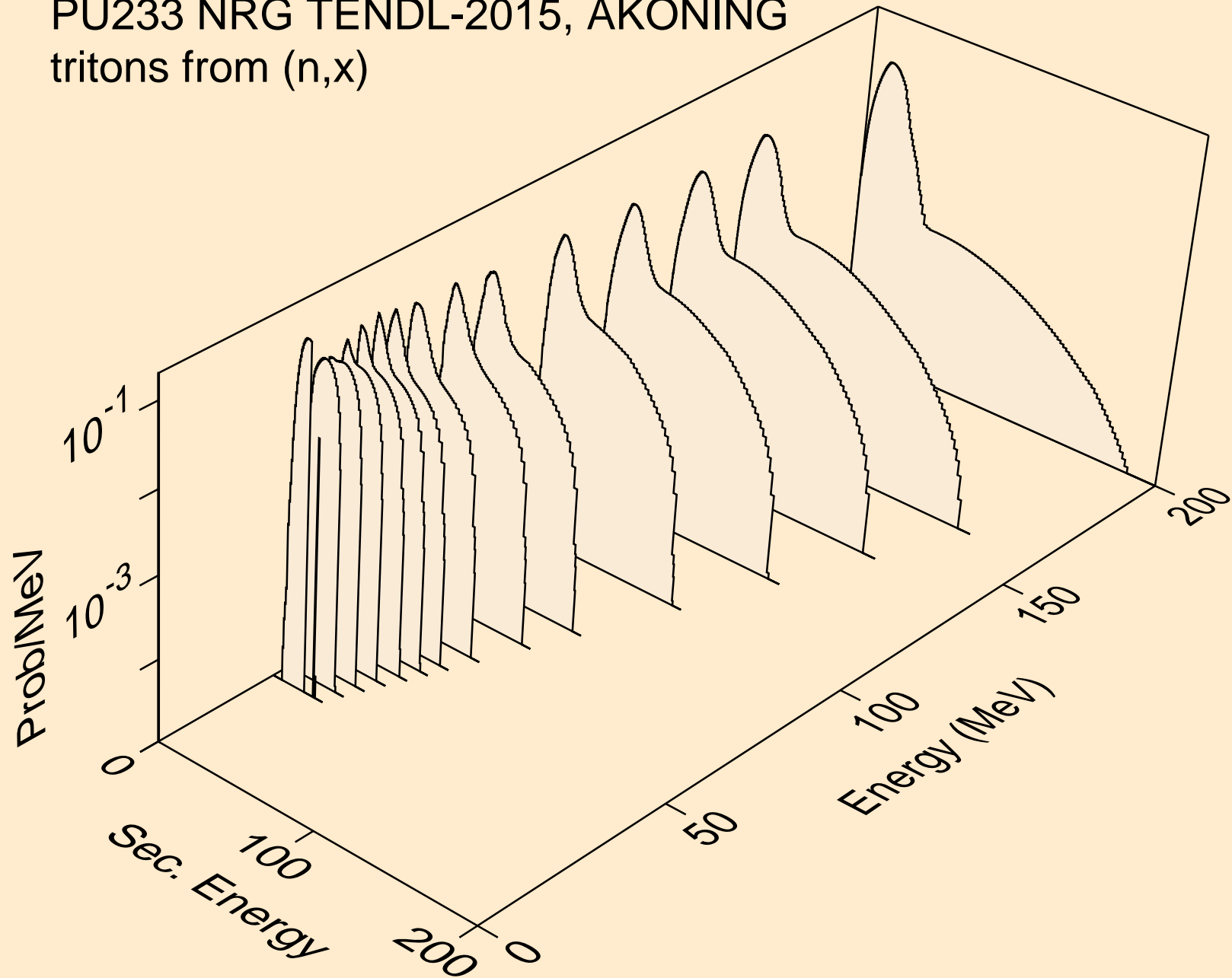


PU233 NRG TENDL-2015, AKONING  
deuterons from (n,da)

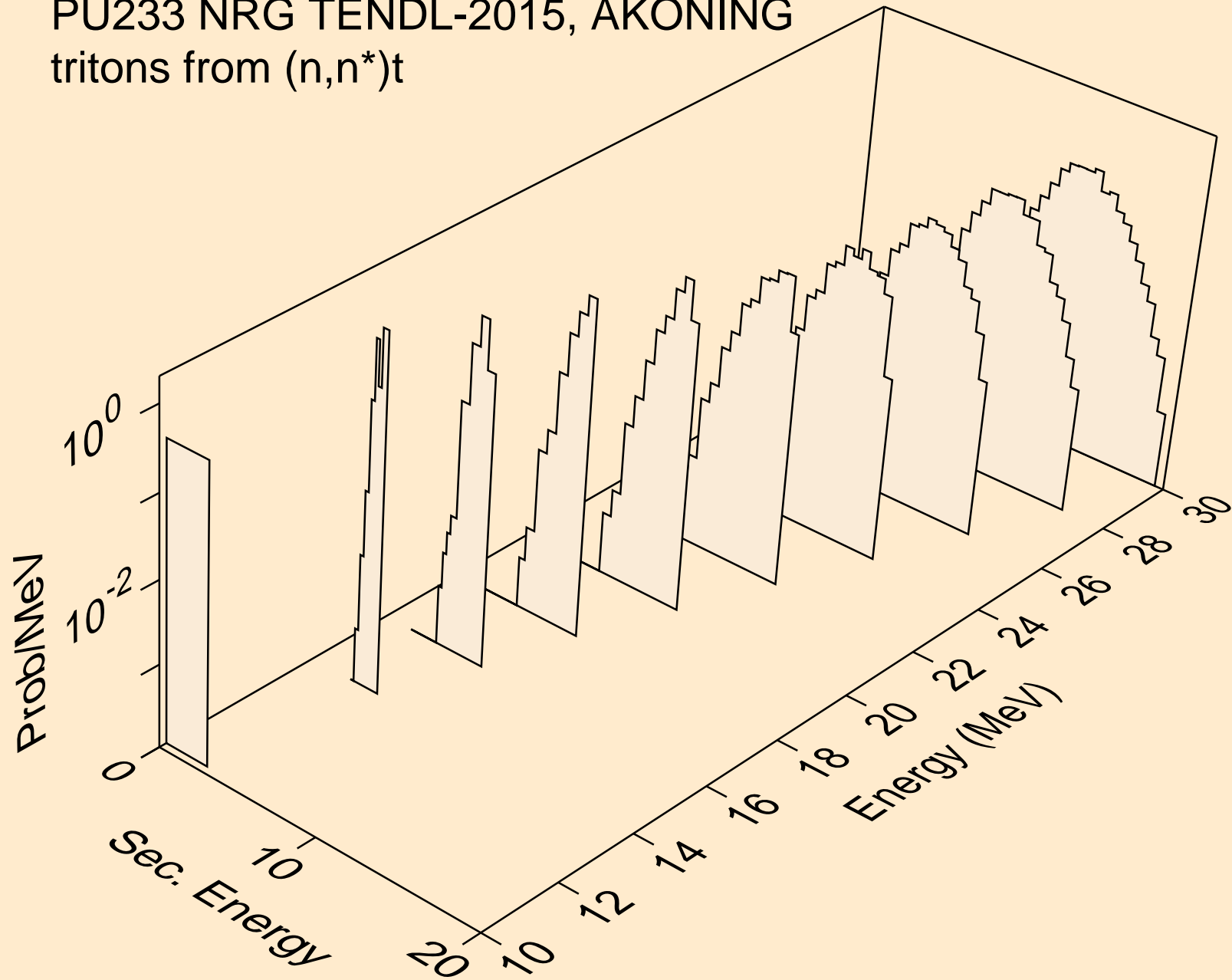




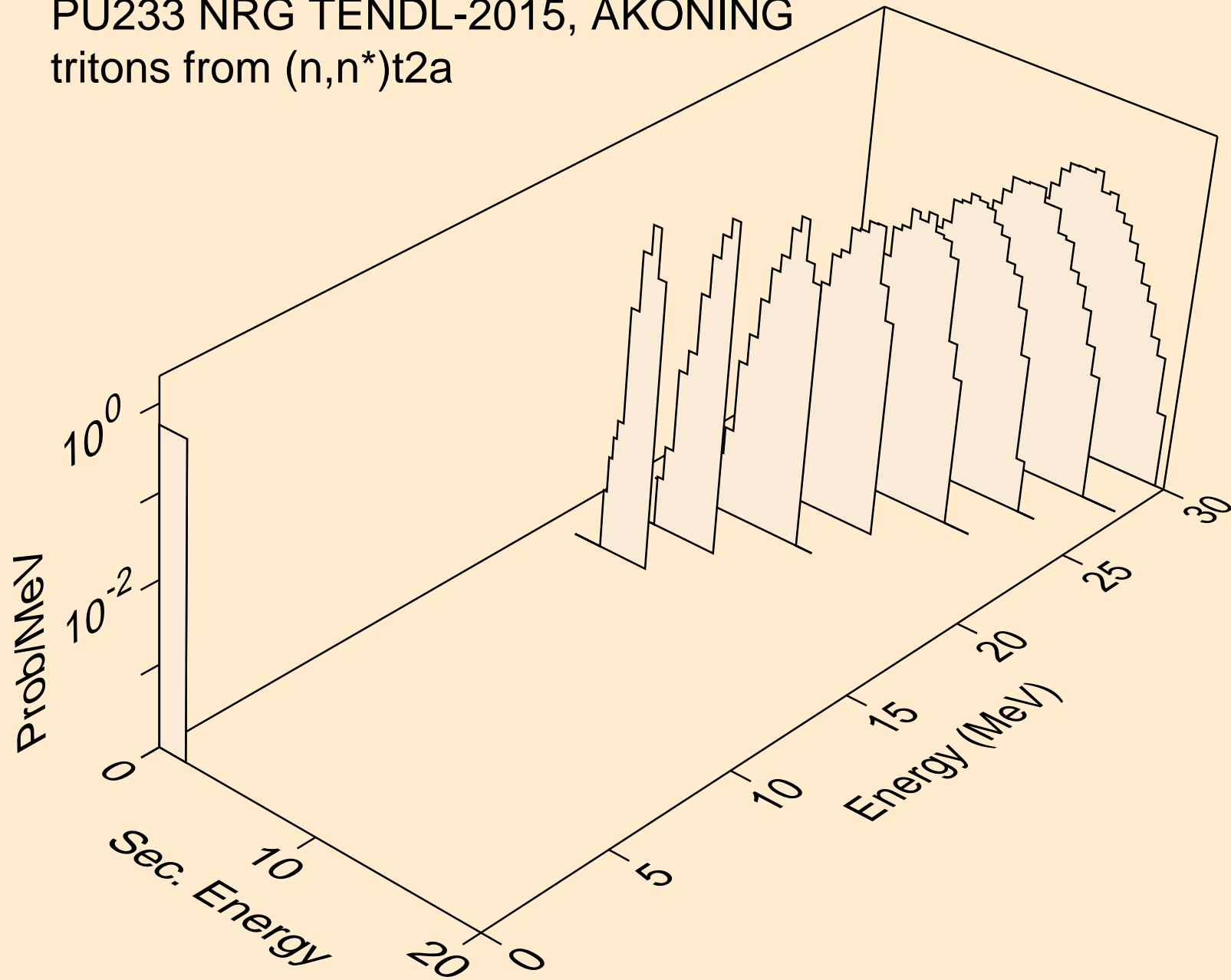
PU233 NRG TENDL-2015, AKONING  
tritons from (n,x)



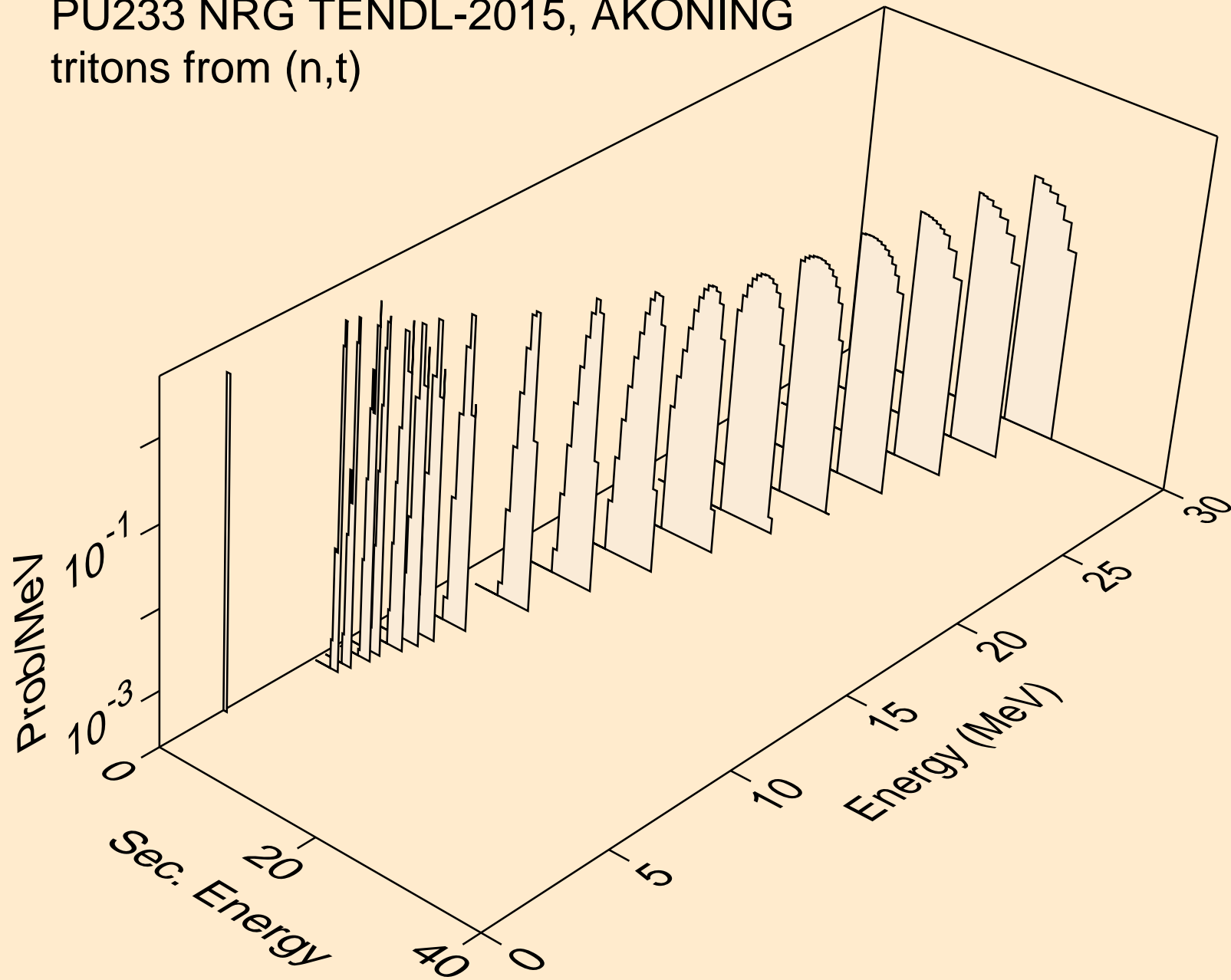
PU233 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



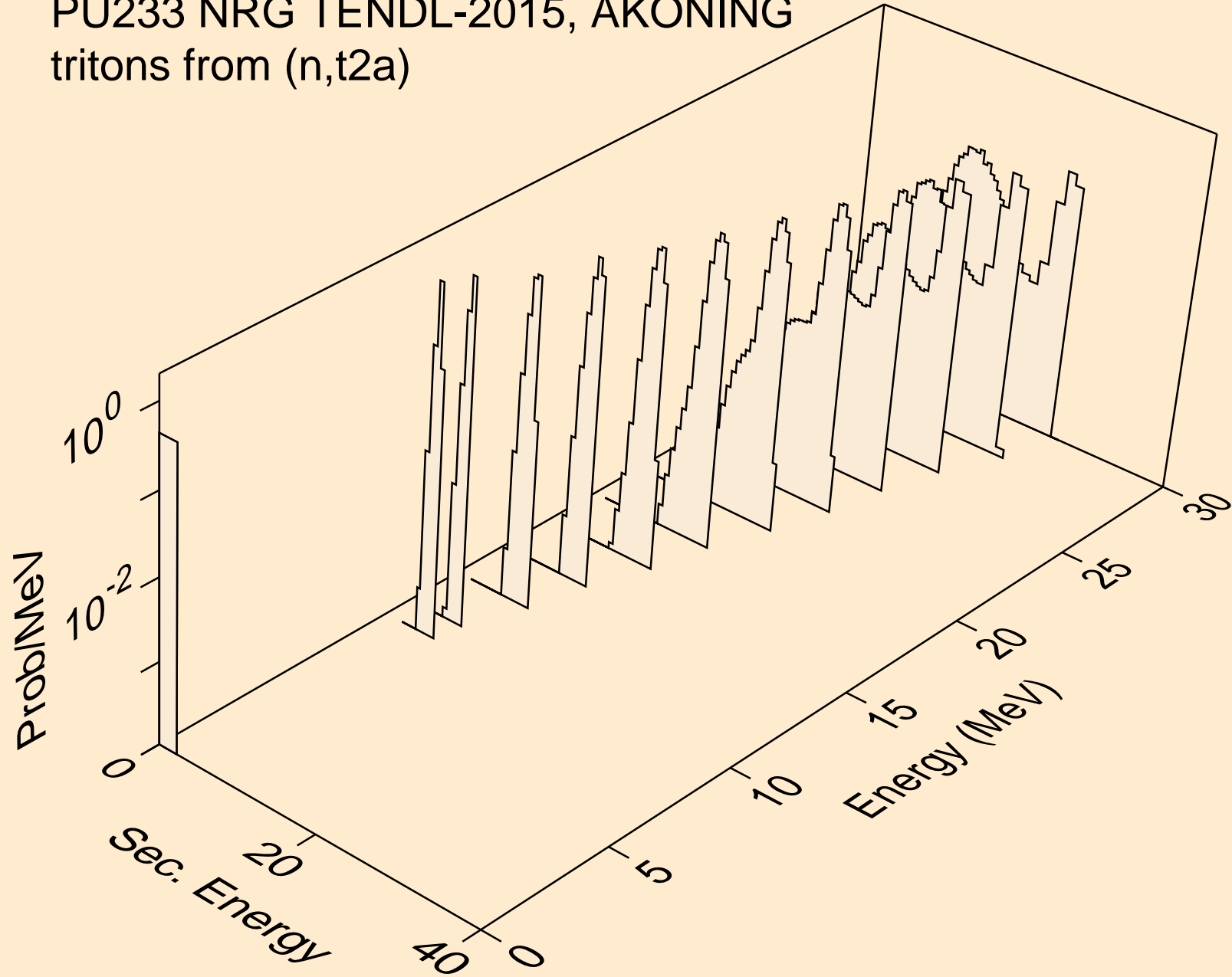
PU233 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



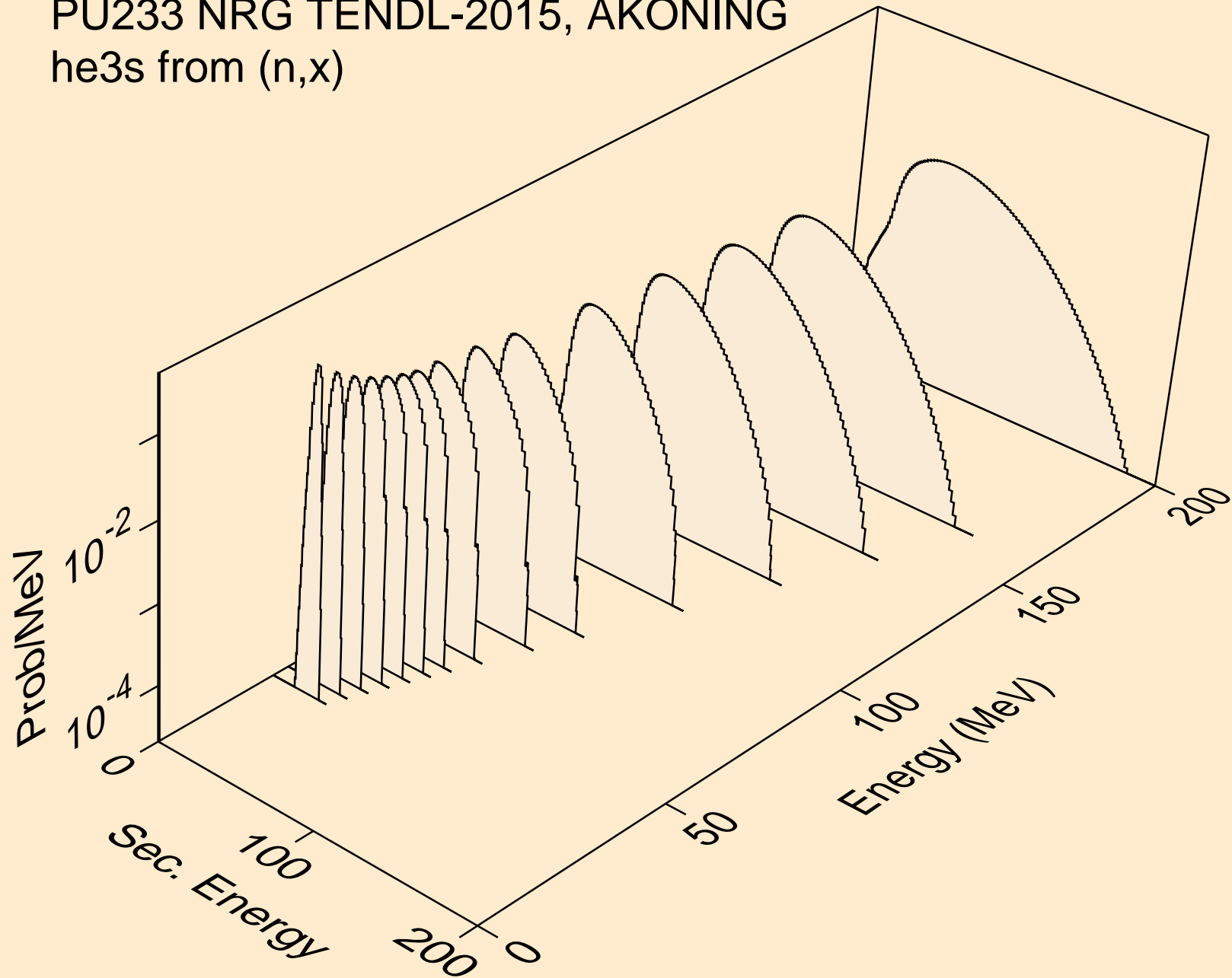
PU233 NRG TENDL-2015, AKONING  
tritons from (n,t)



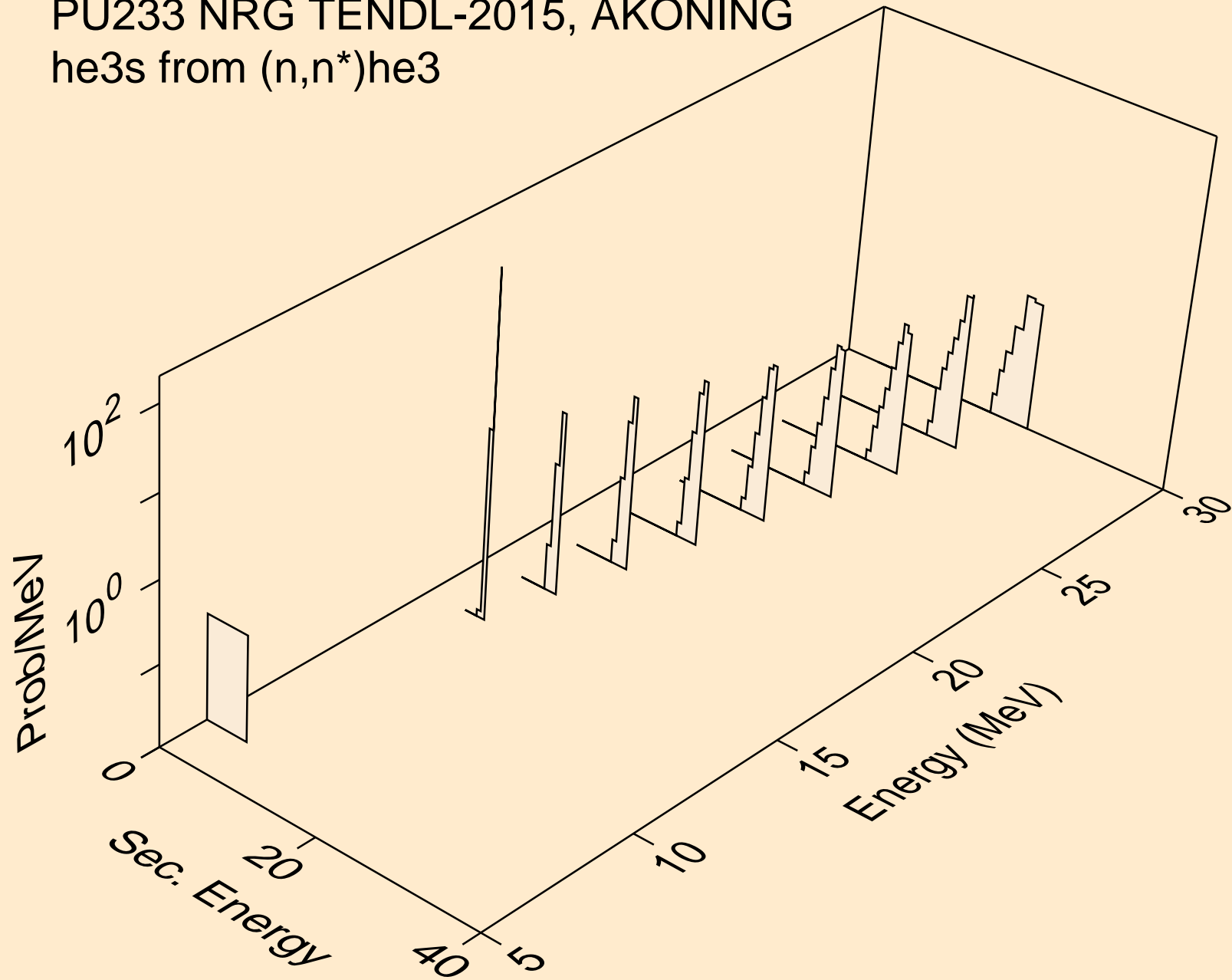
PU233 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



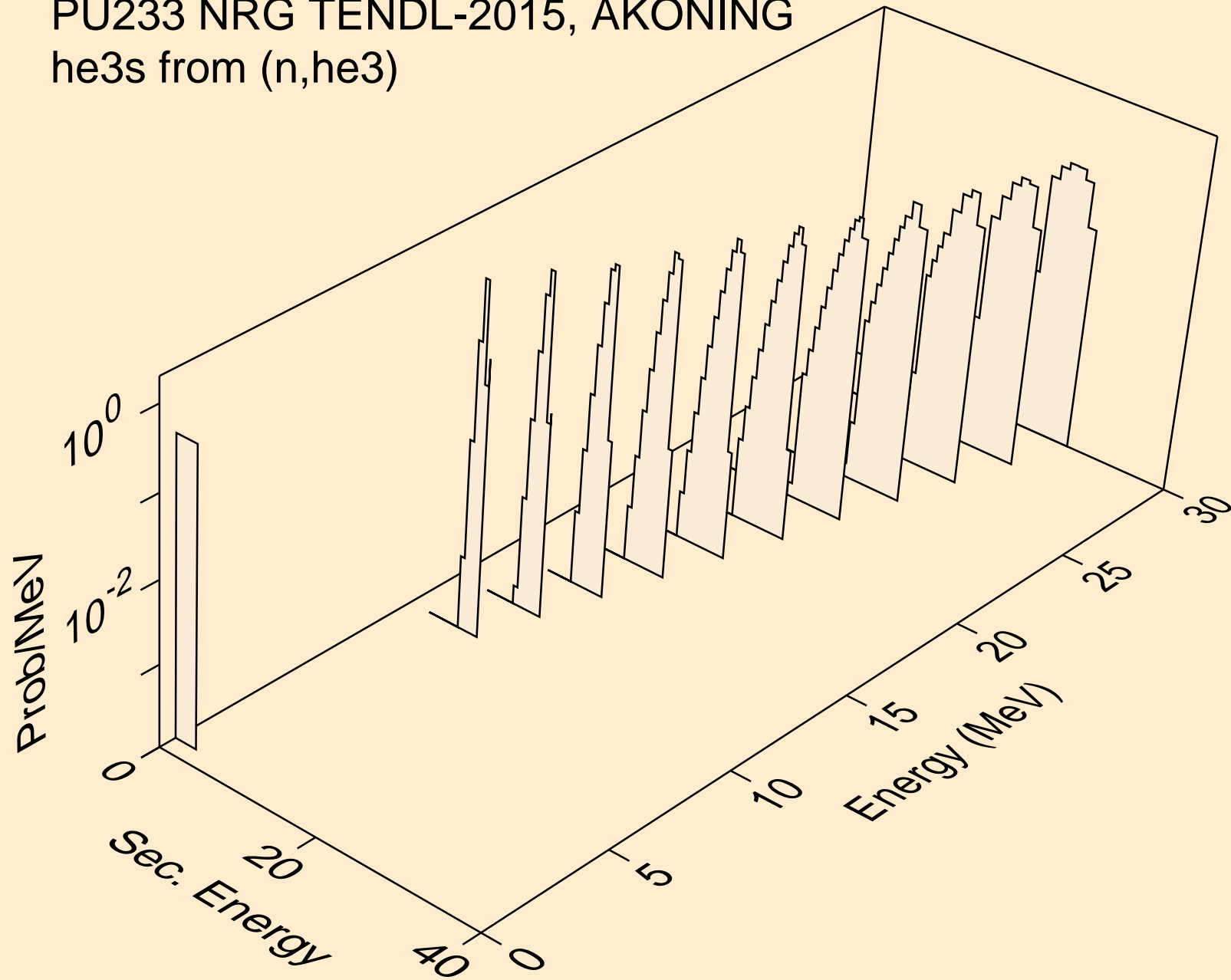
PU233 NRG TENDL-2015, AKONING  
he3s from (n,x)



PU233 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

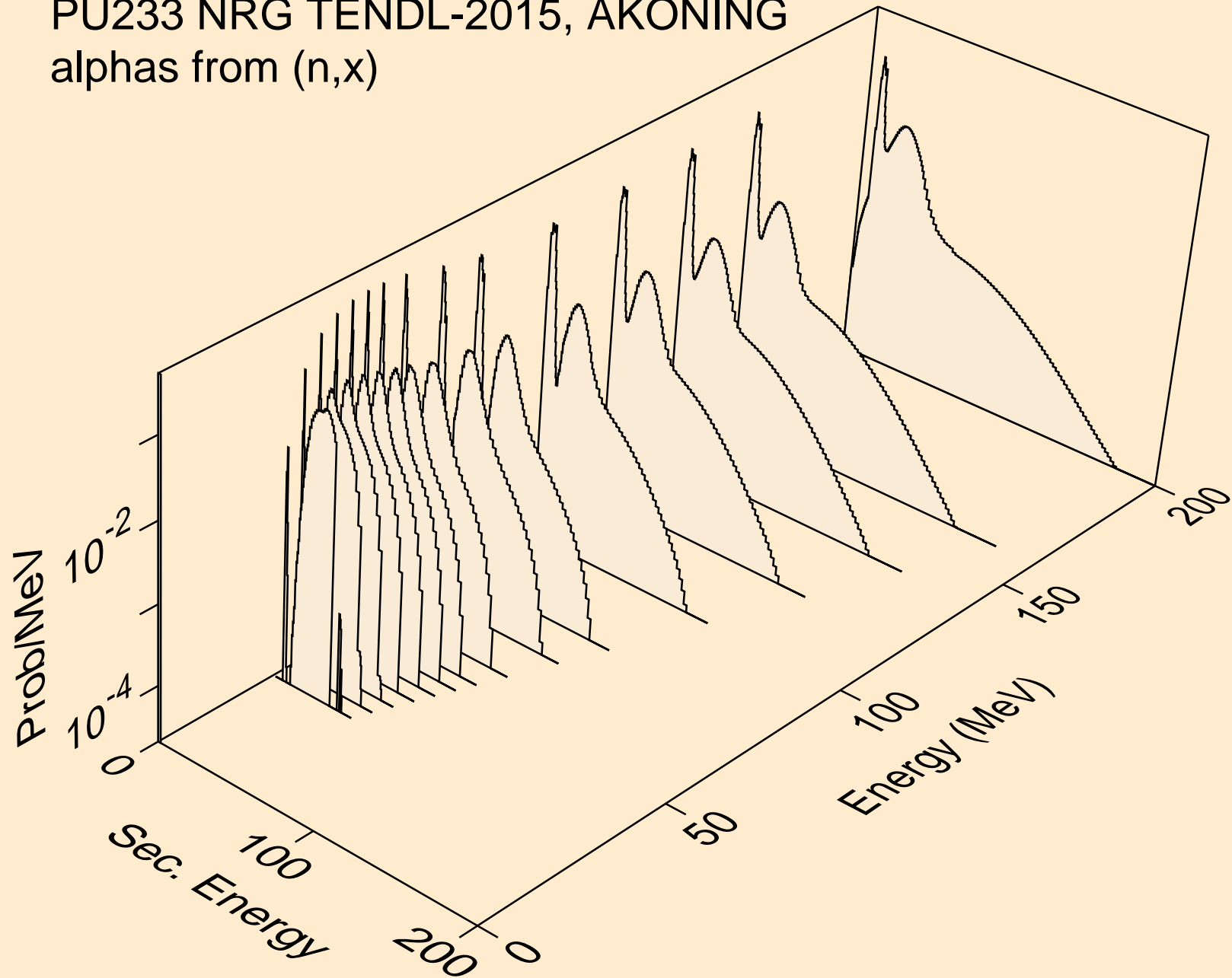


PU233 NRG TENDL-2015, AKONING  
he3s from (n,he3)

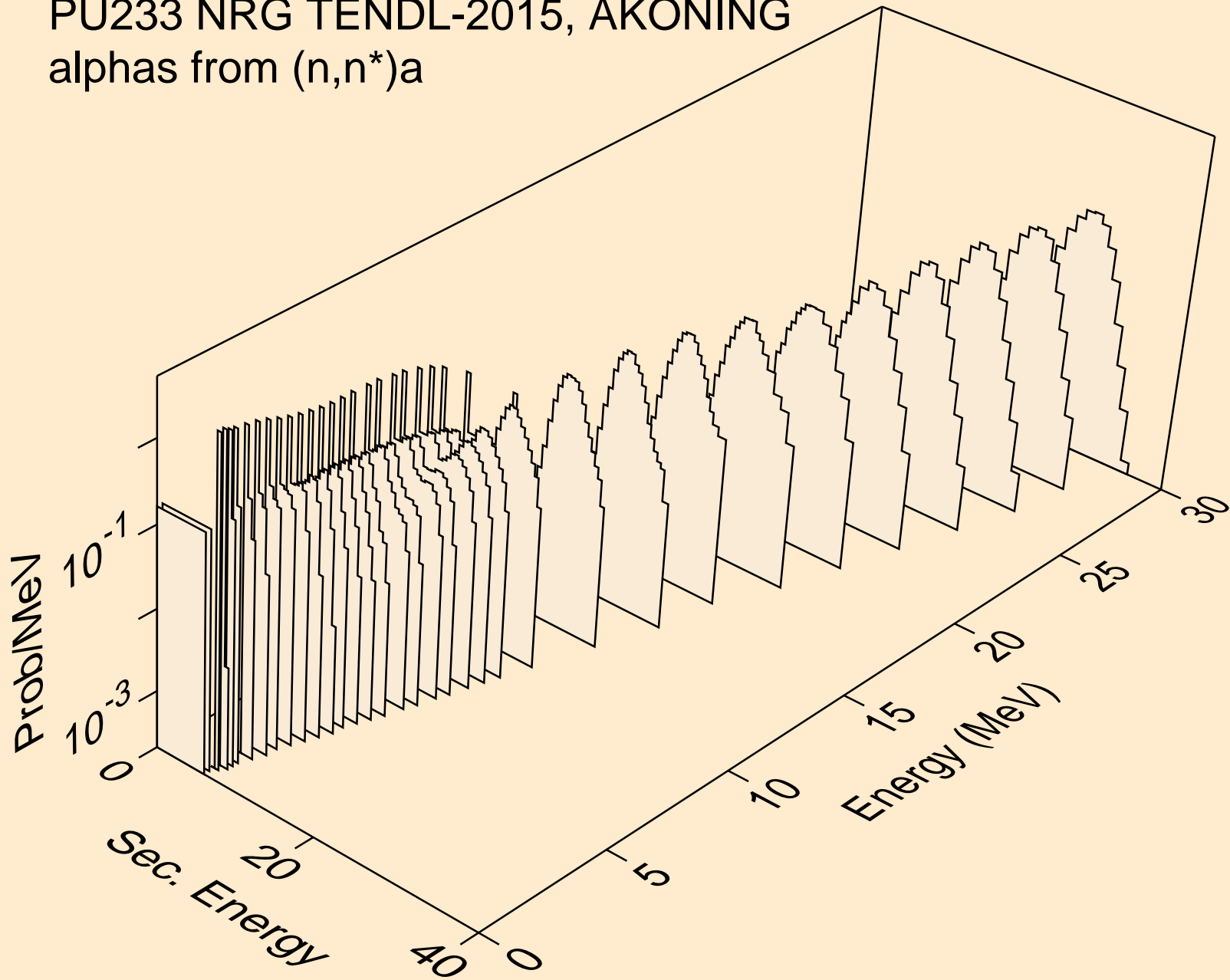




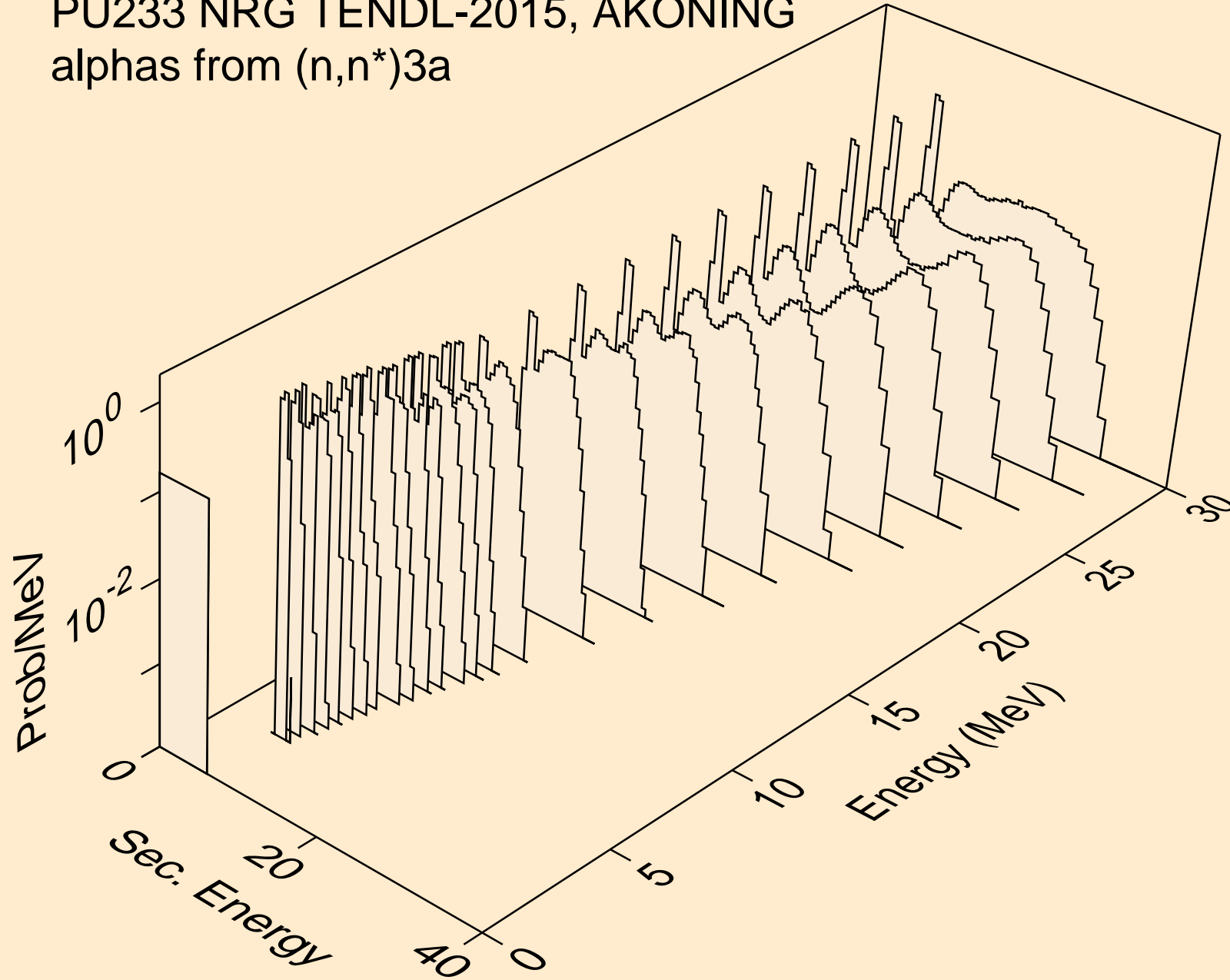
PU233 NRG TENDL-2015, AKONING  
alphas from (n,x)



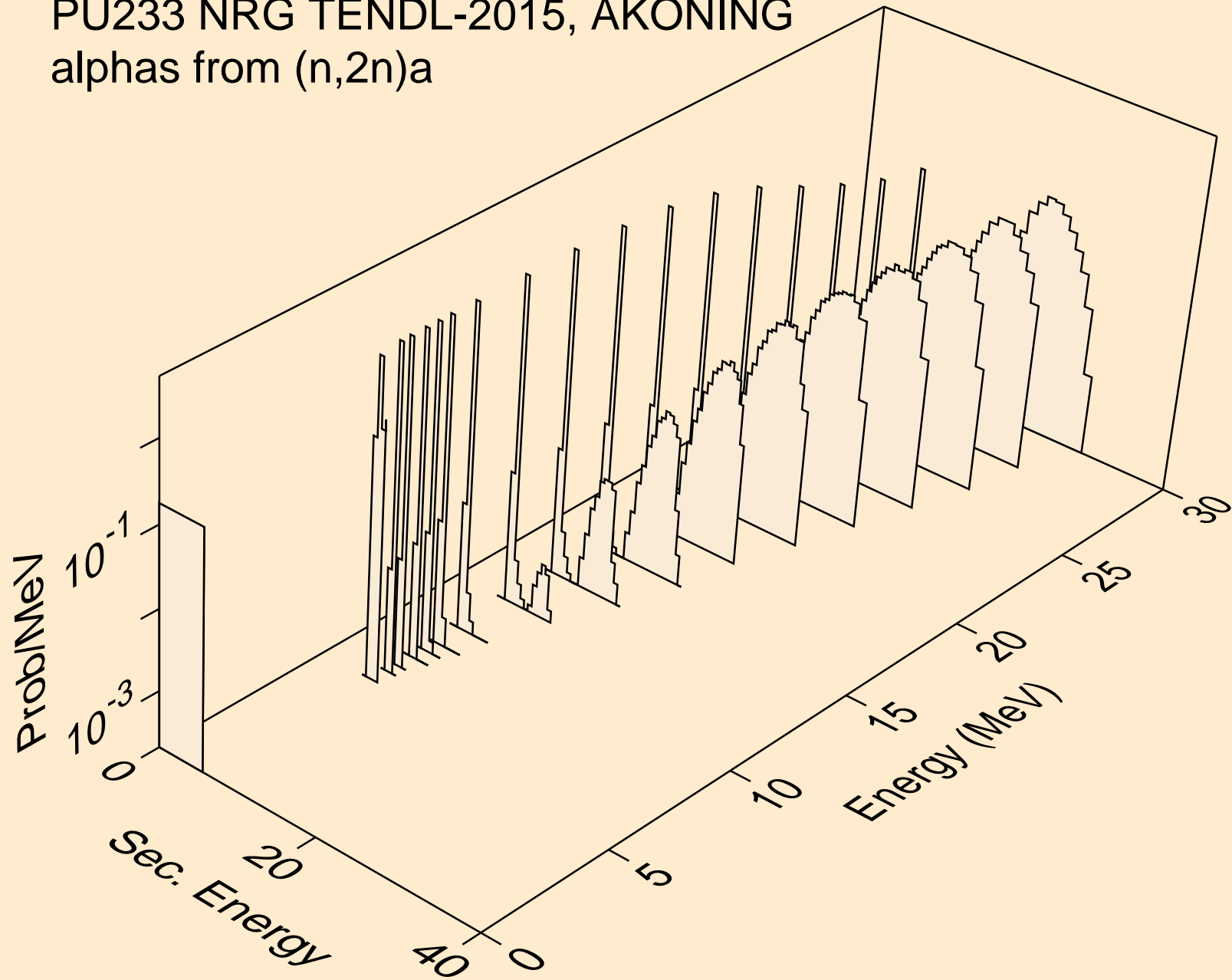
PU233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



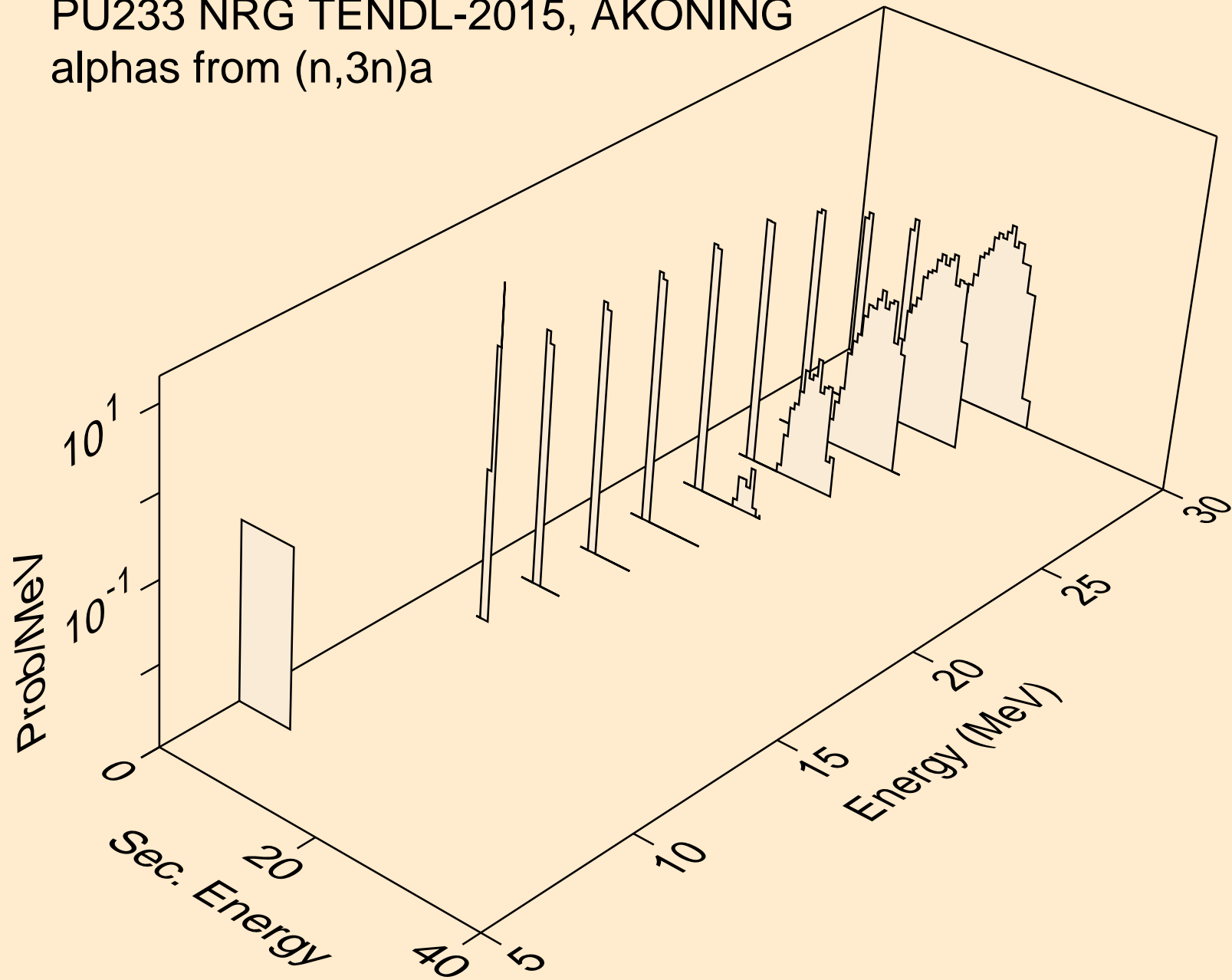
PU233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



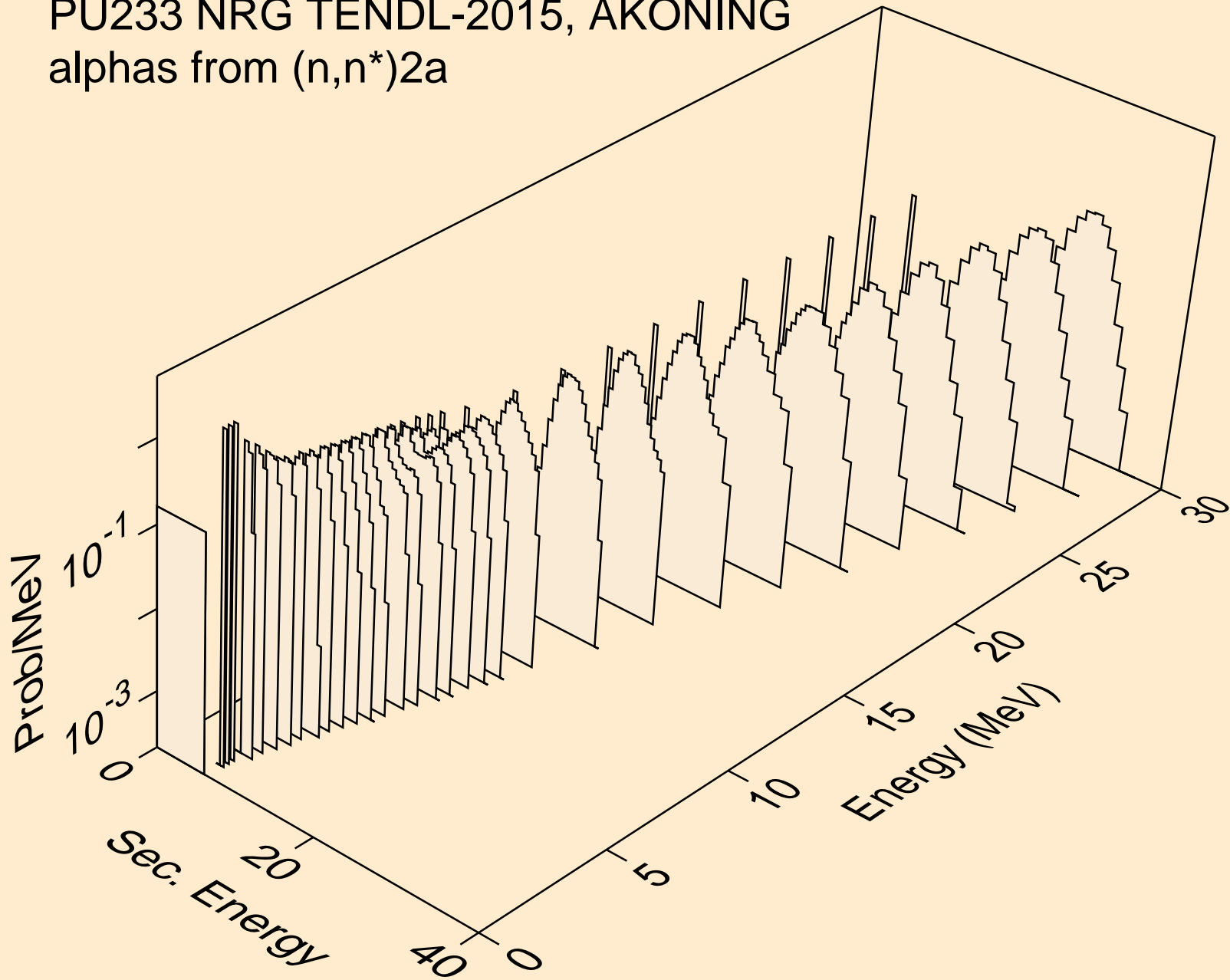
PU233 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



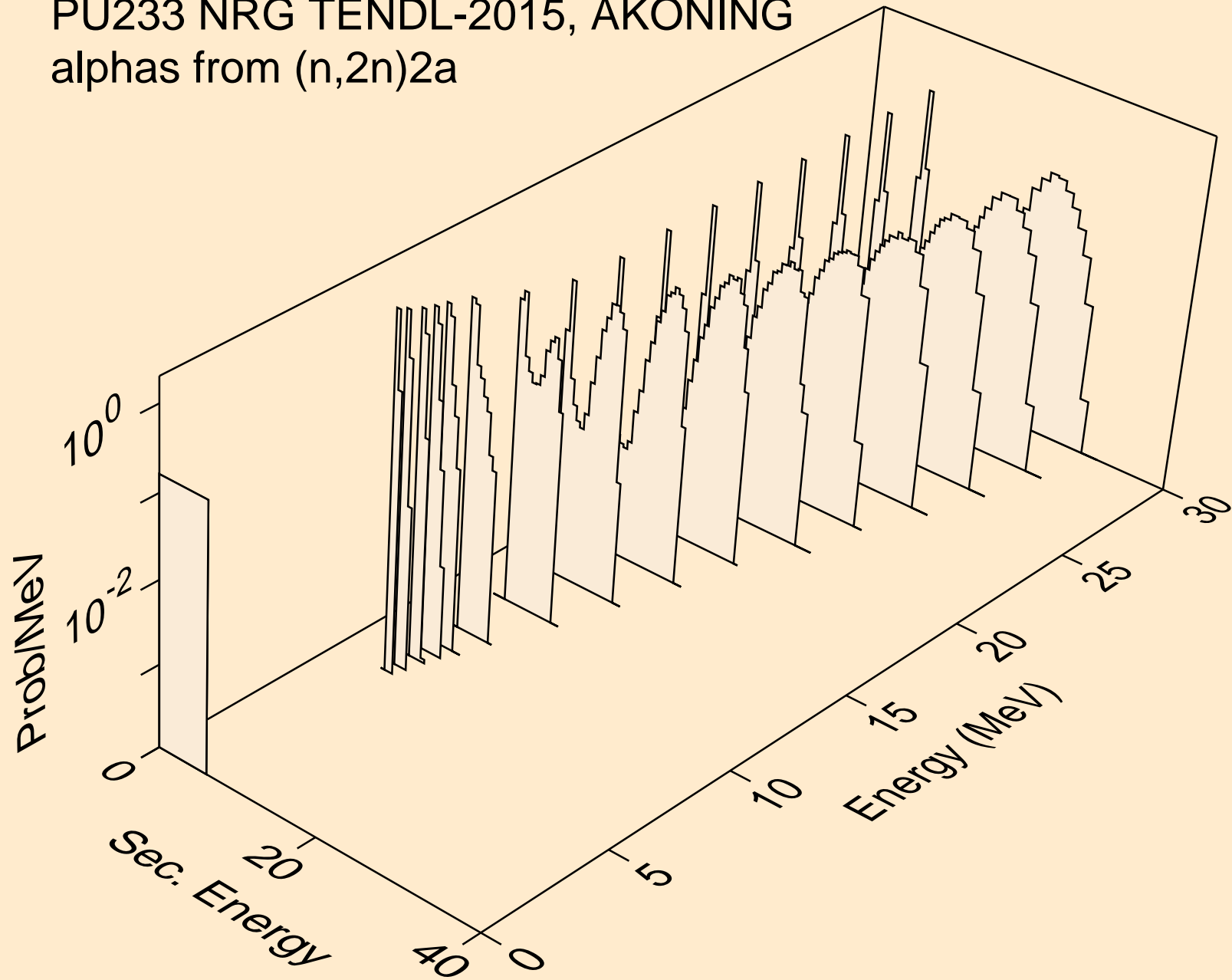
PU233 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



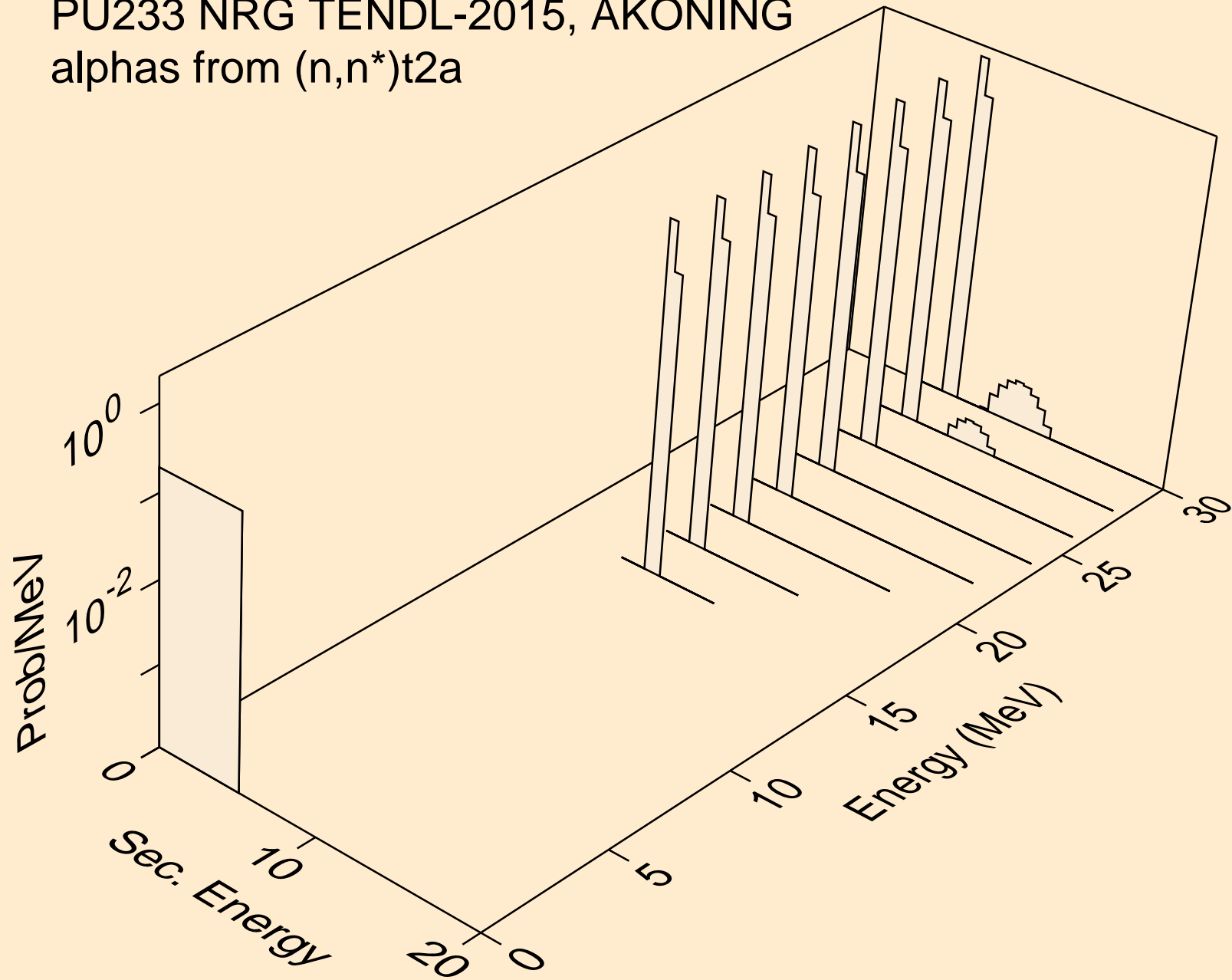
PU233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



PU233 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

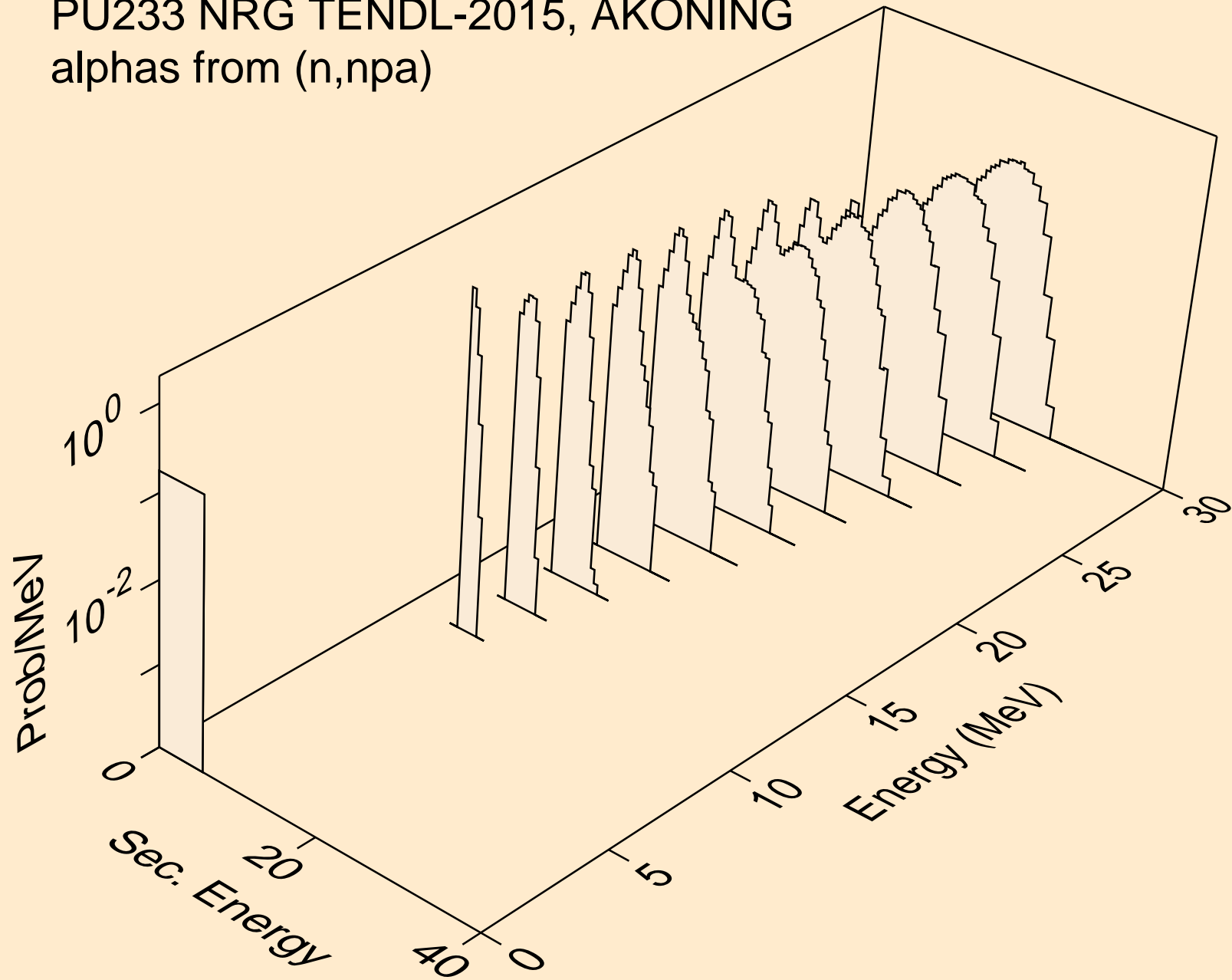


PU233 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a

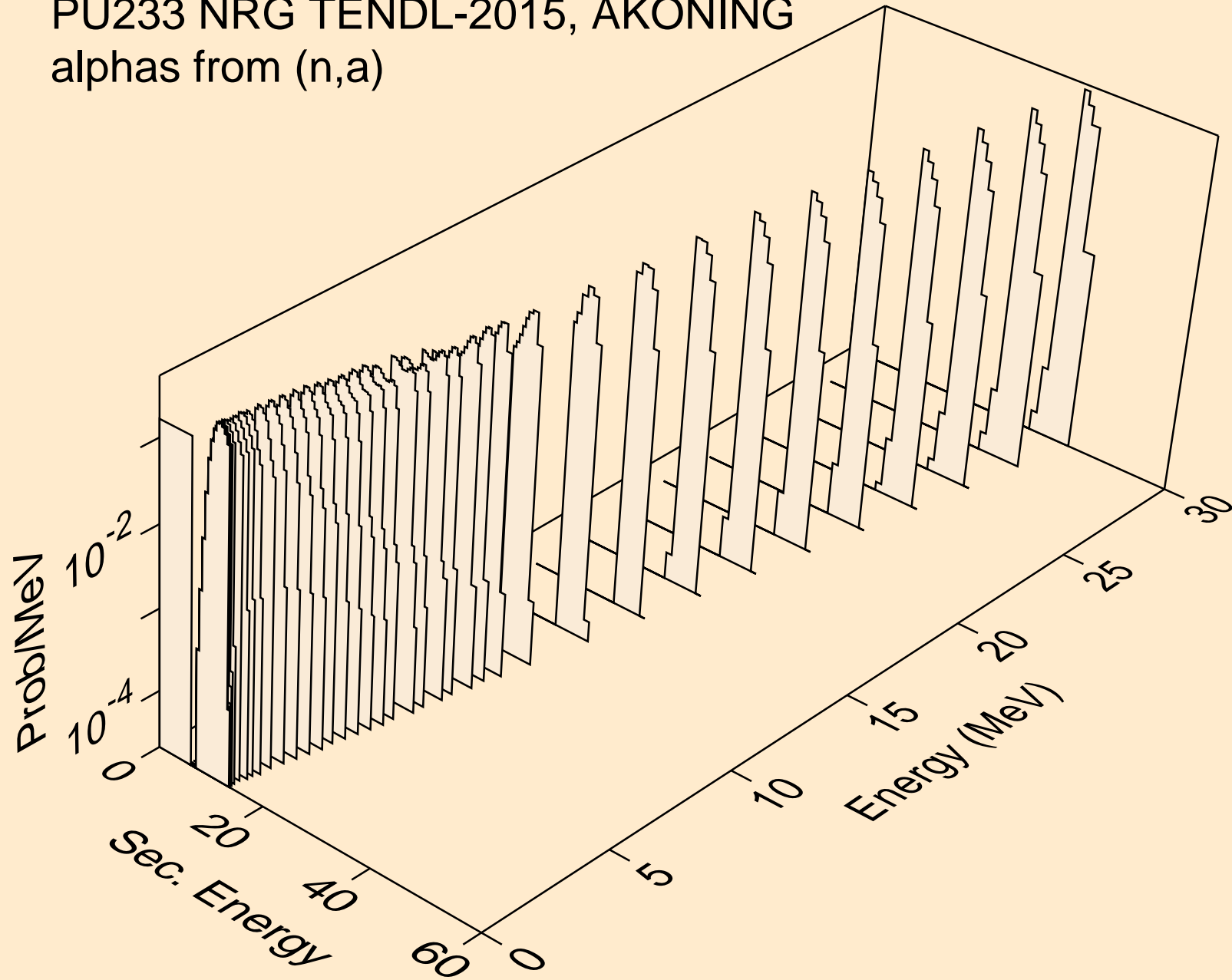




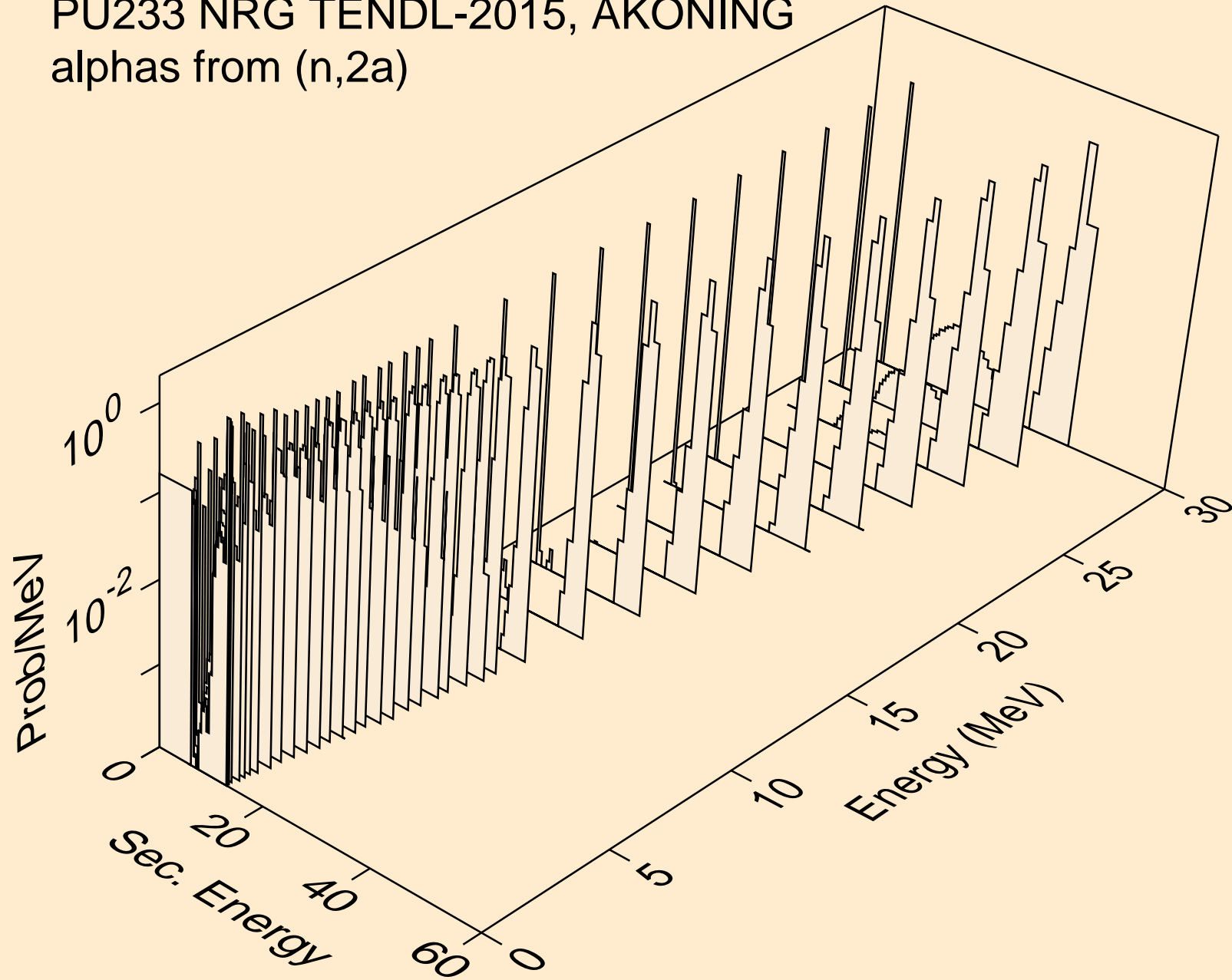
PU233 NRG TENDL-2015, AKONING  
alphas from (n,npa)



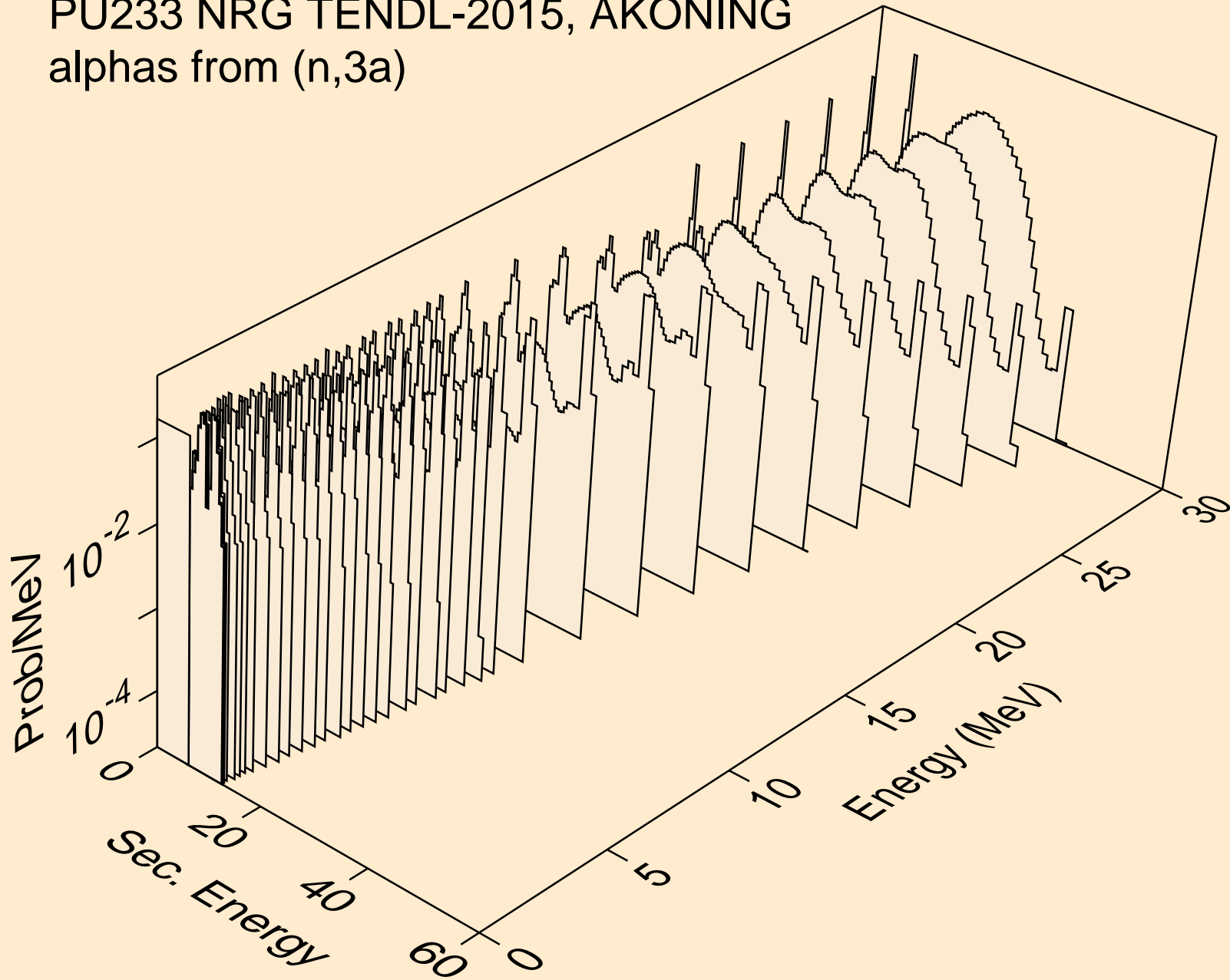
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alphas from (n,a)



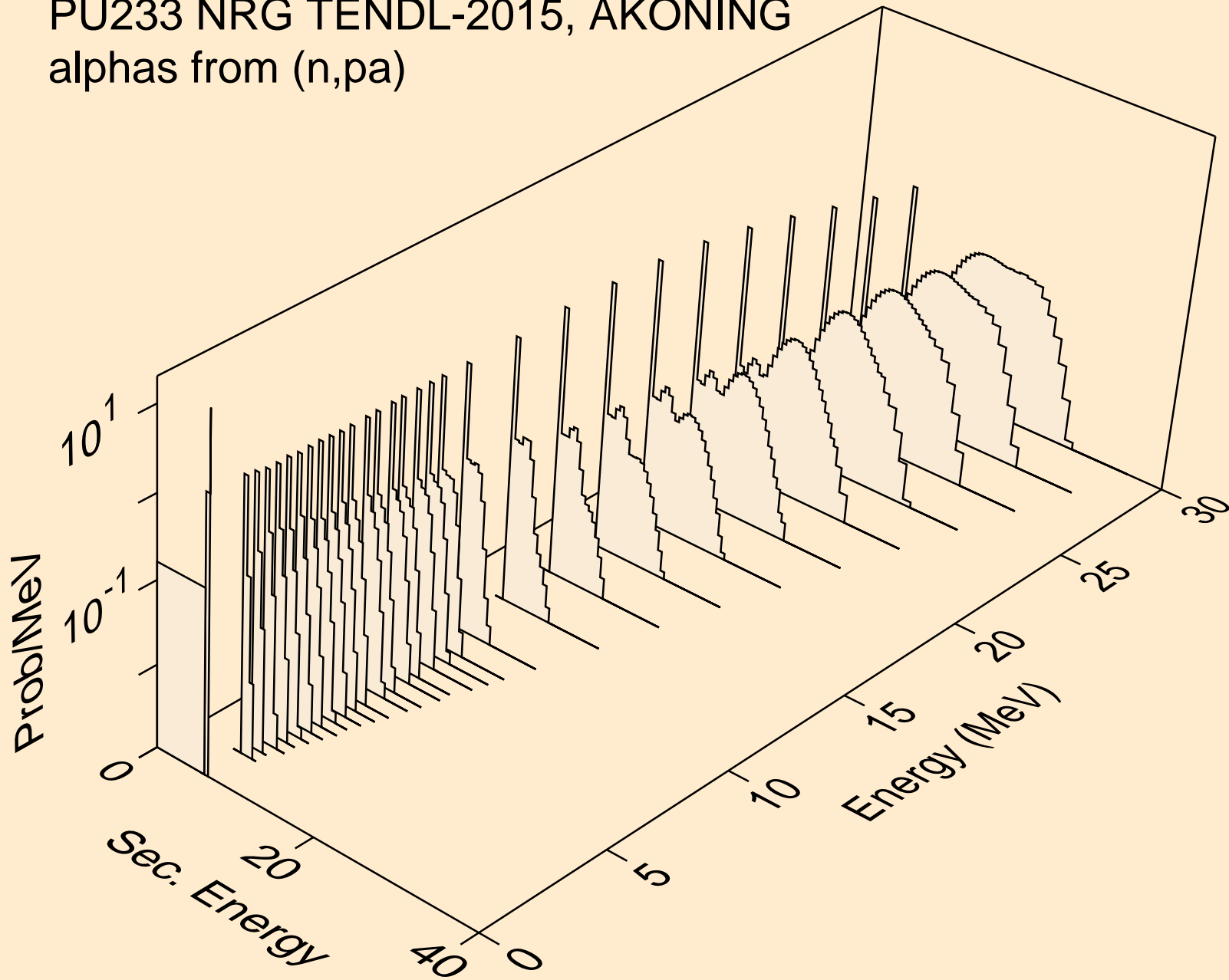
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alphas from (n,2a)



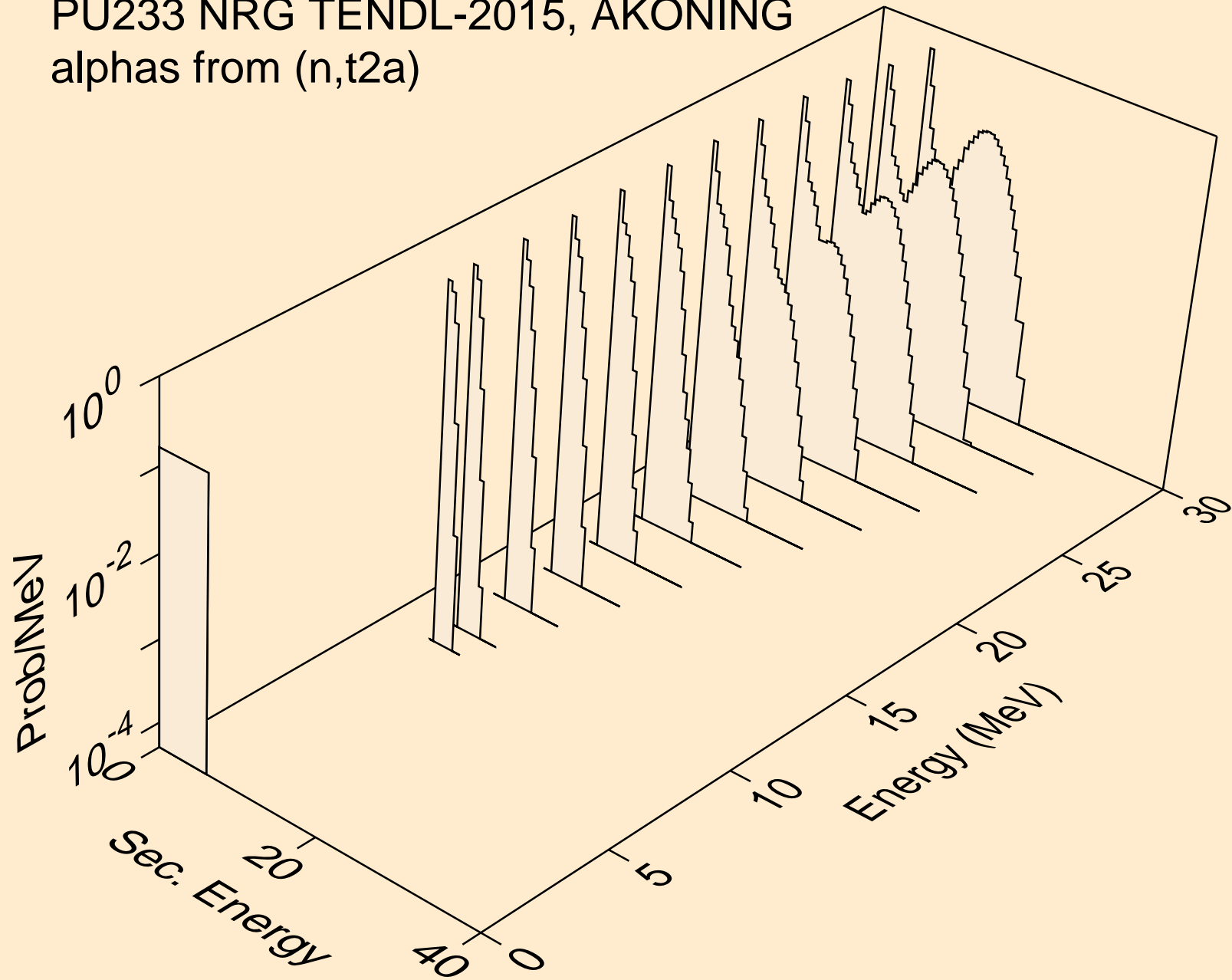
PU233 NRG TENDL-2015, AKONING  
alphas from (n,3a)



PU233 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PU233 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PU233 NRG TENDL-2015, AKONING  
alphas from (n,da)

