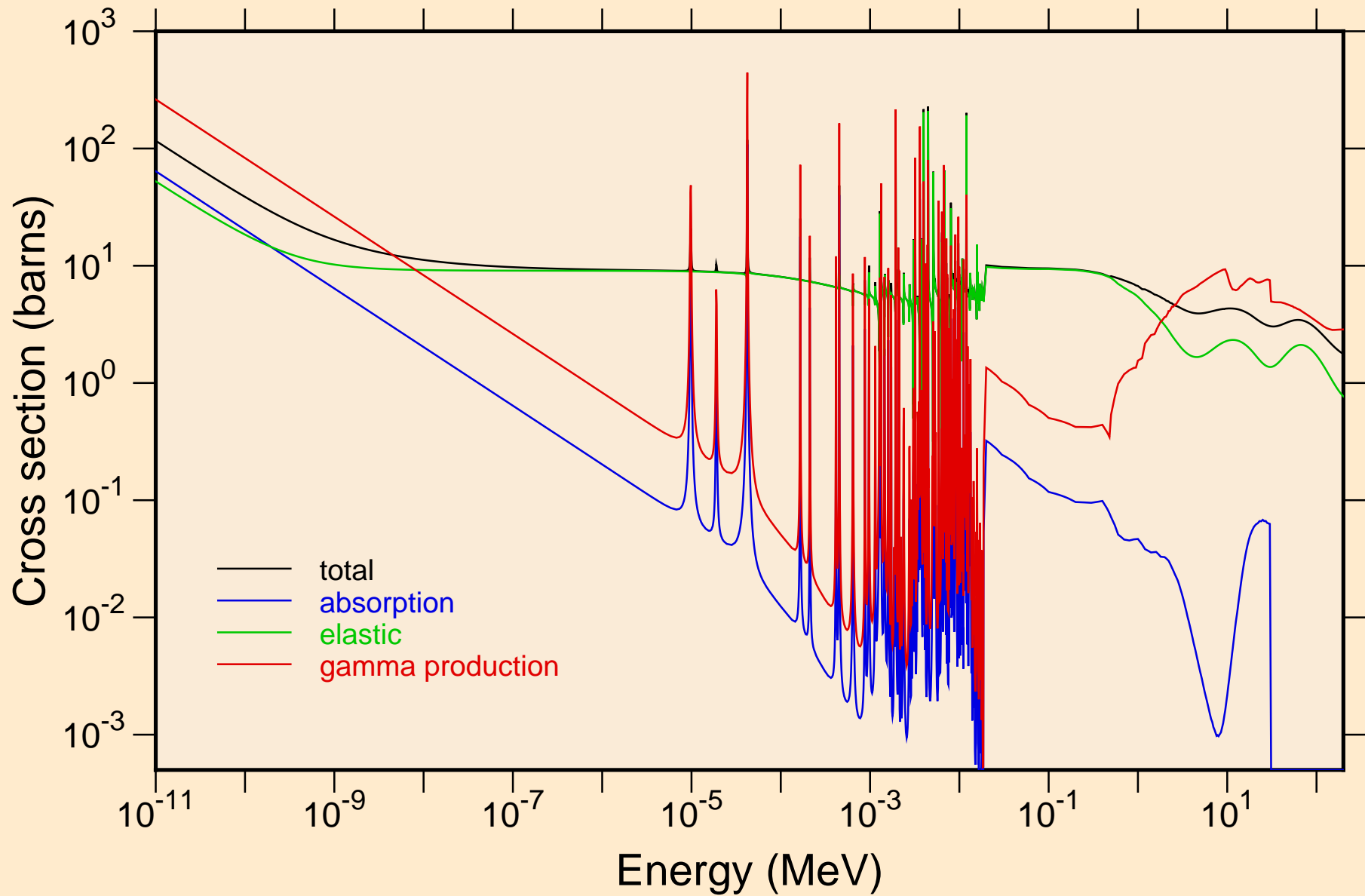
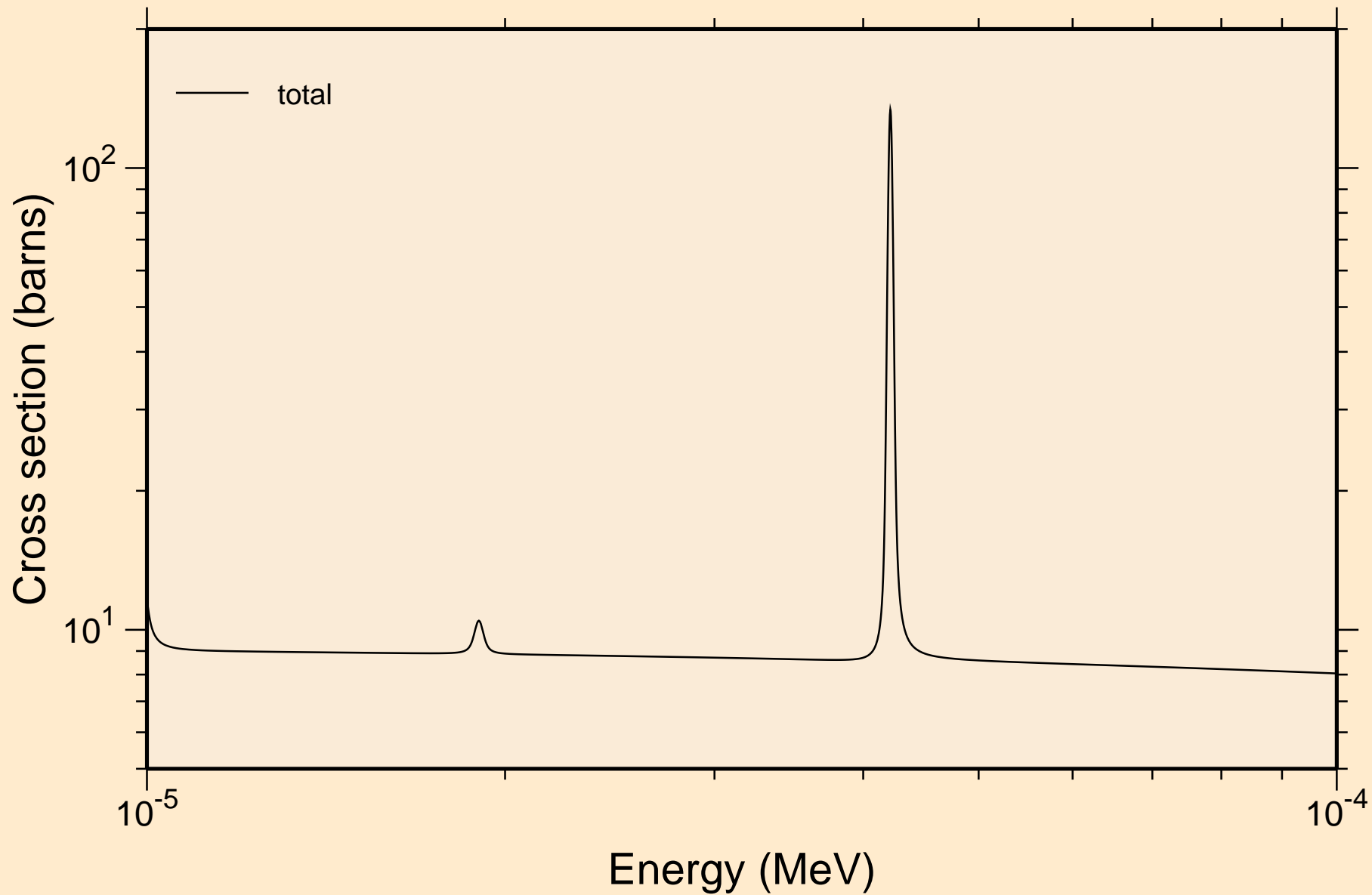


# RU102 NRG TENDL-2015, AKONING

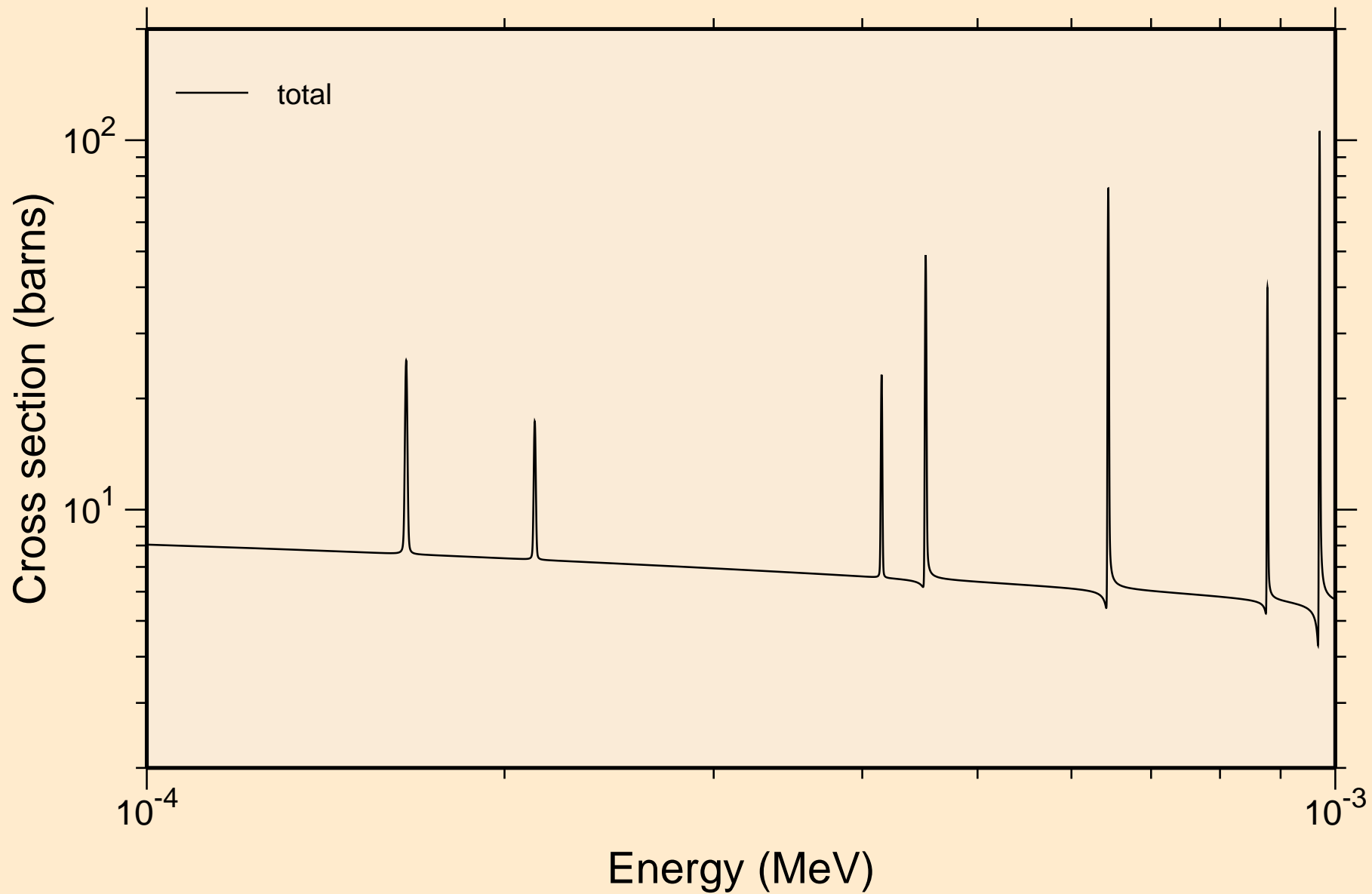
## Principal cross sections



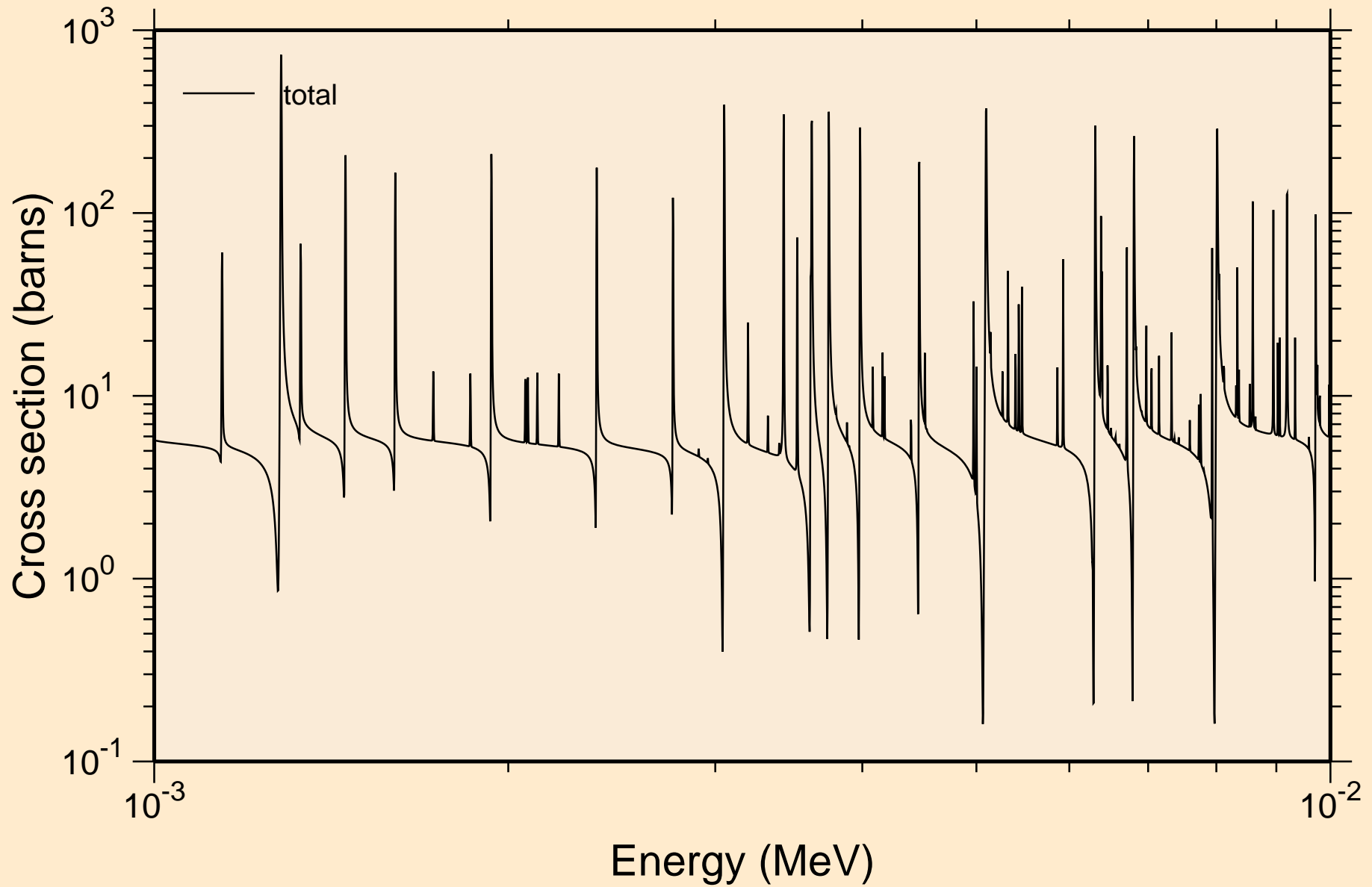
RU102 NRG TENDL-2015, AKONING  
resonance total cross section



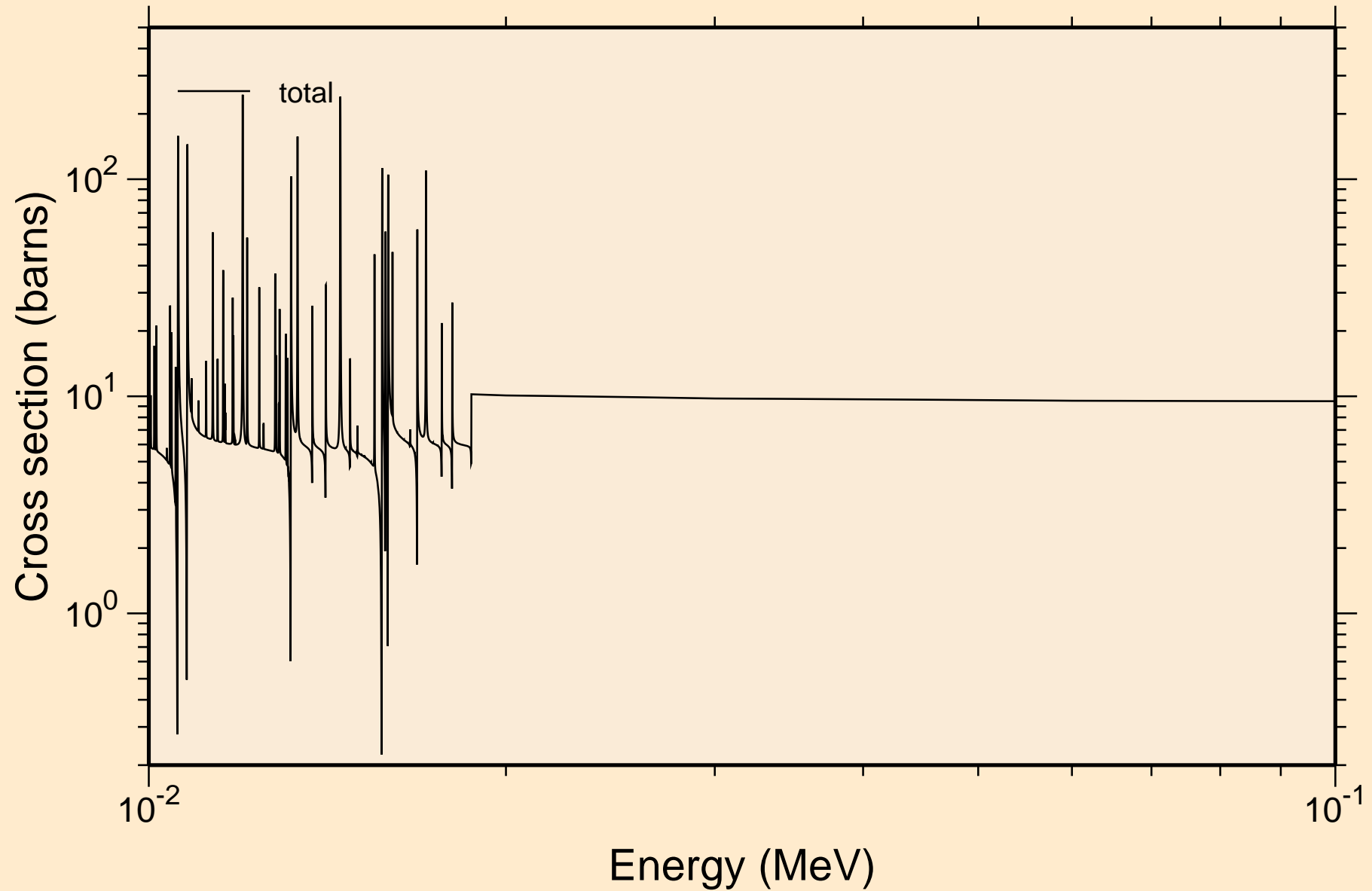
RU102 NRG TENDL-2015, AKONING  
resonance total cross section



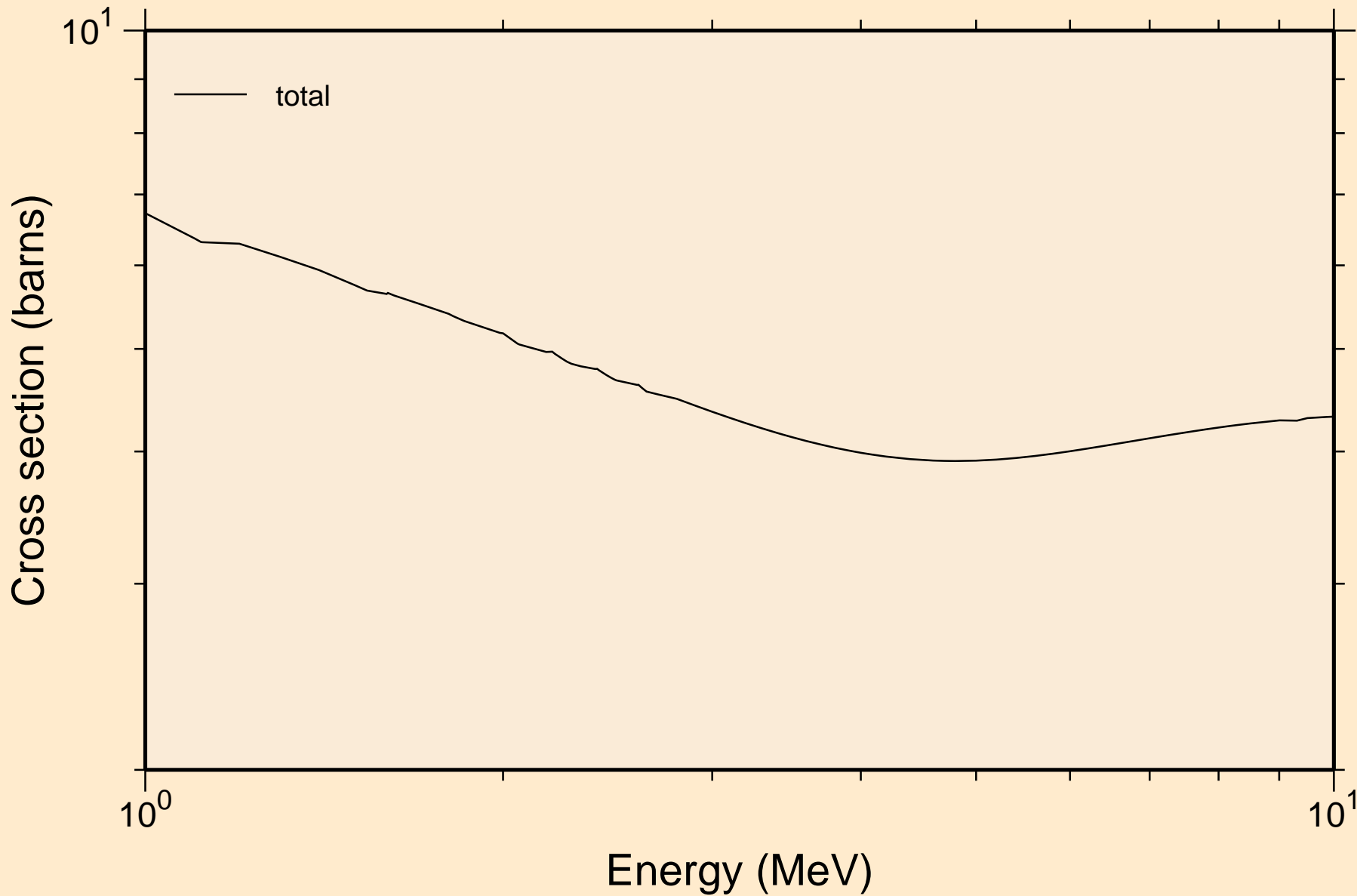
RU102 NRG TENDL-2015, AKONING  
resonance total cross section



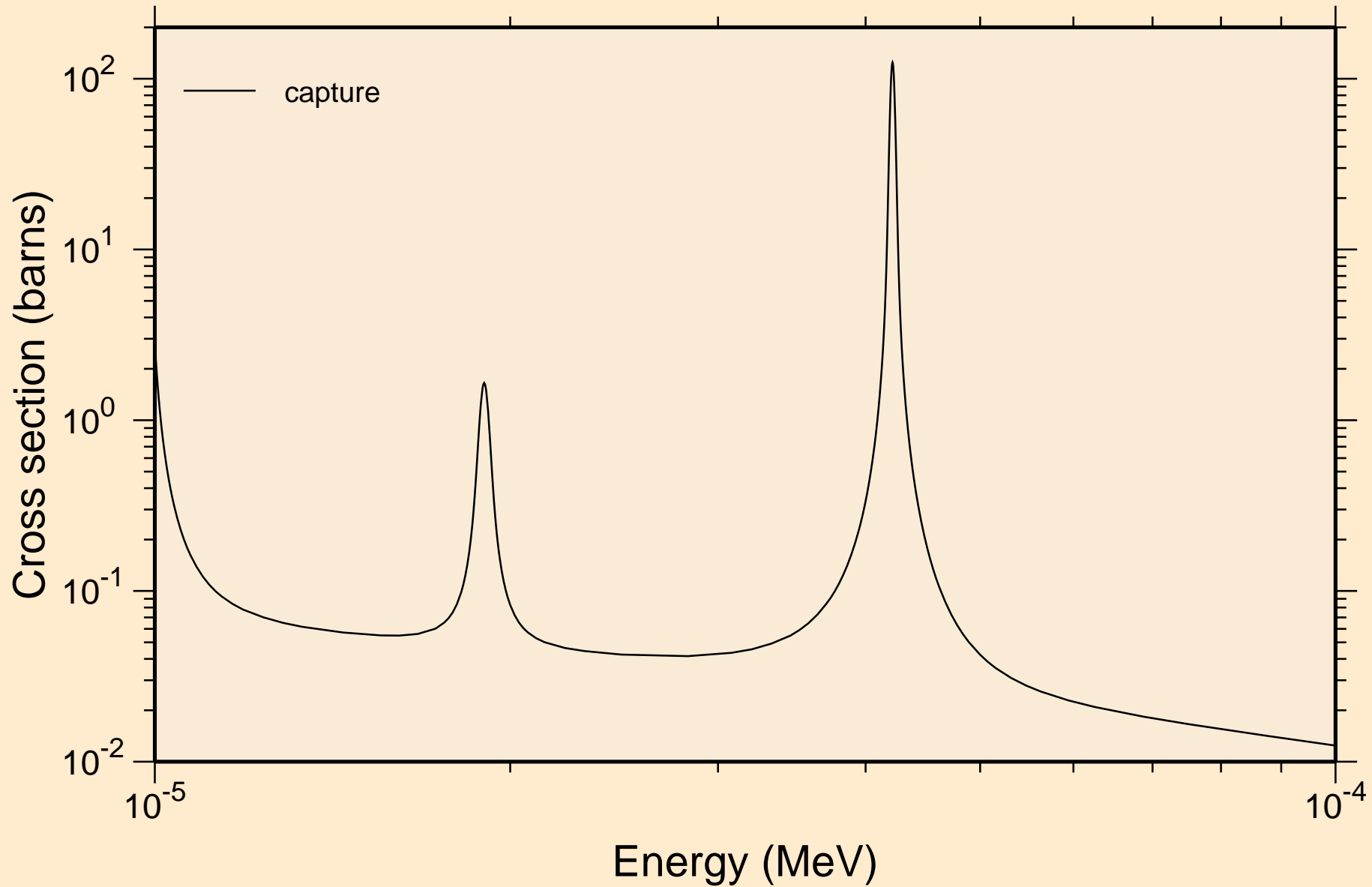
RU102 NRG TENDL-2015, AKONING  
resonance total cross section



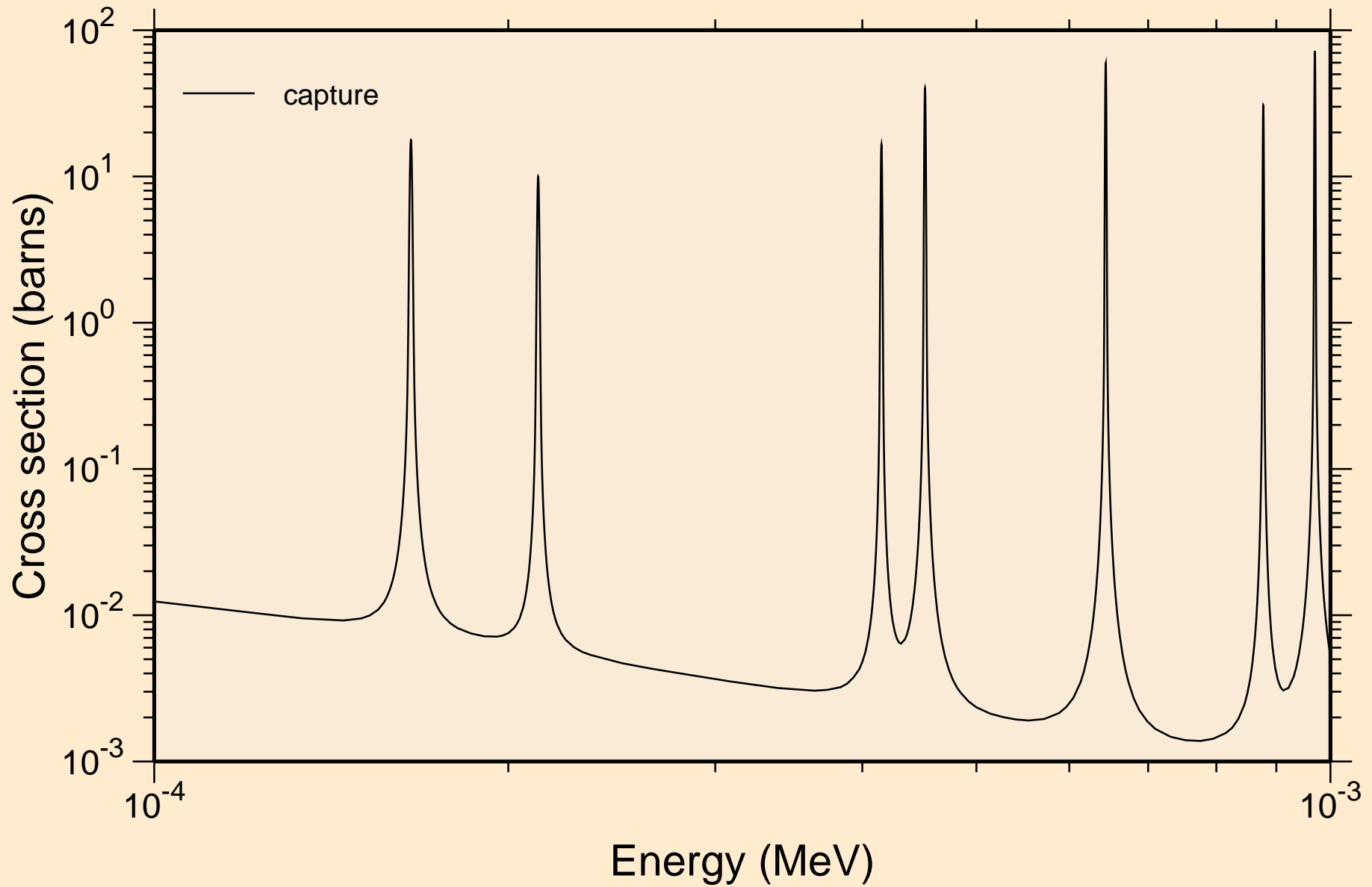
RU102 NRG TENDL-2015, AKONING  
resonance total cross section



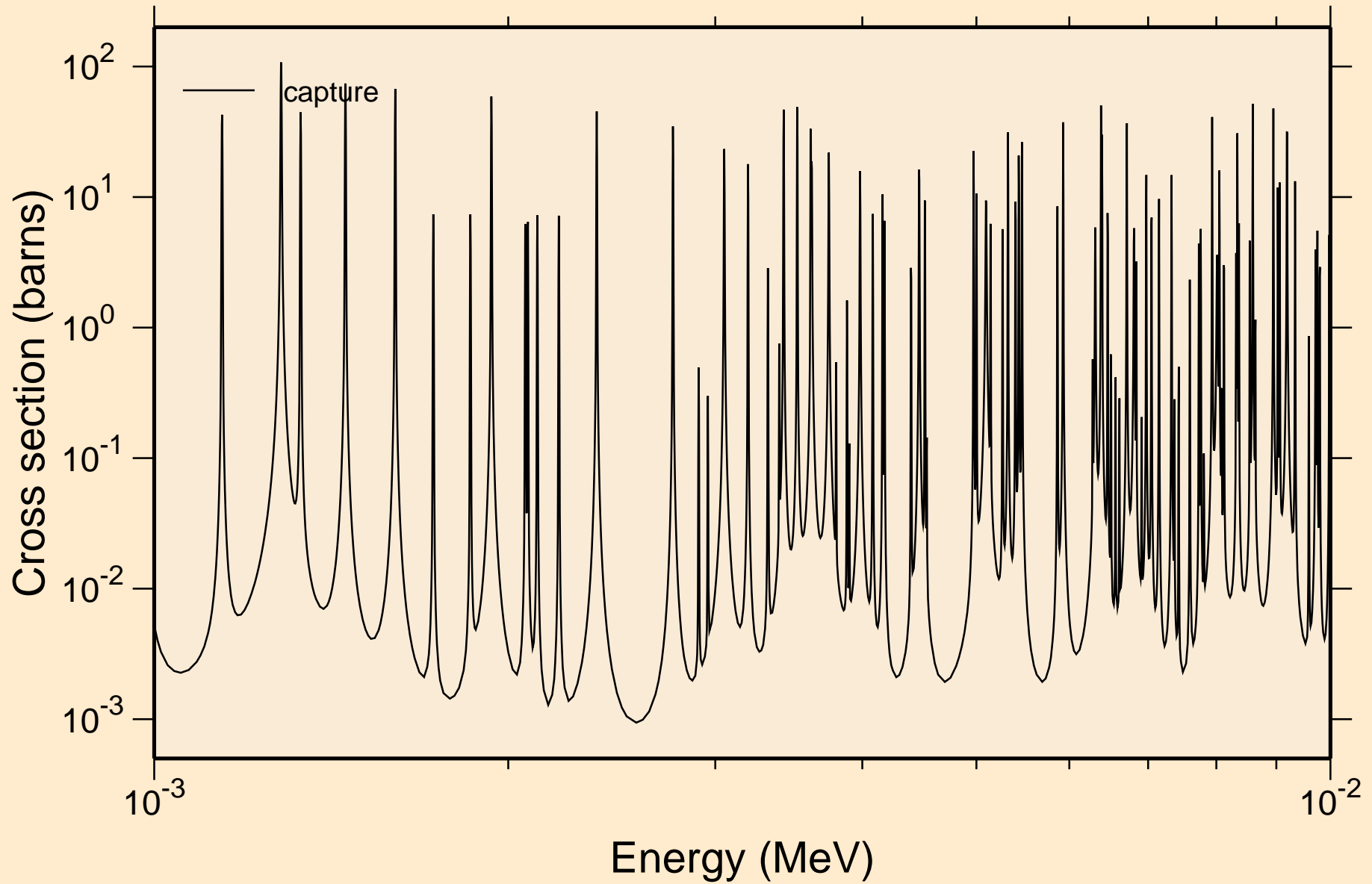
RU102 NRG TENDL-2015, AKONING  
resonance absorption cross sections



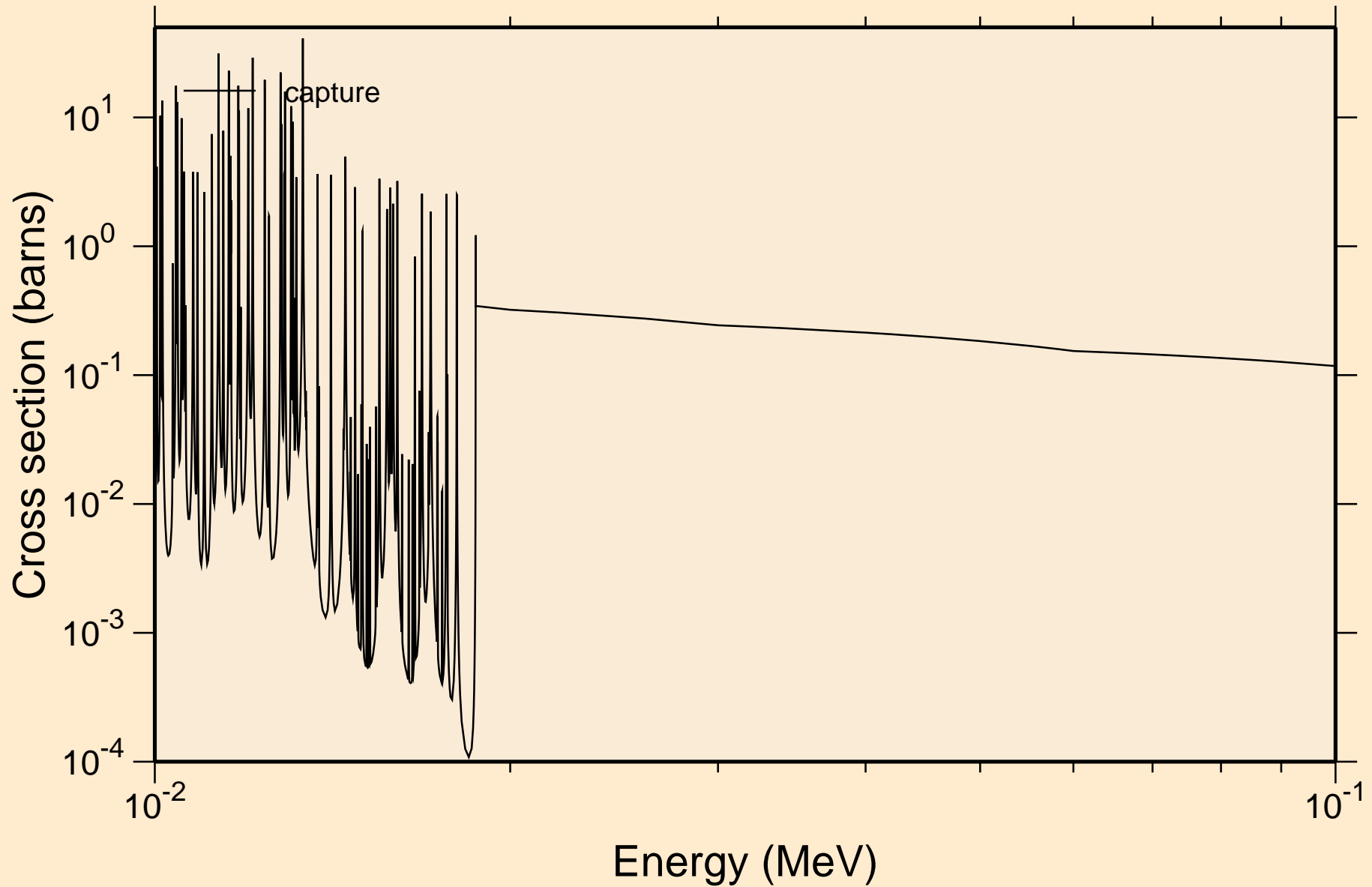
# RU102 NRG TENDL-2015, AKONING resonance absorption cross sections



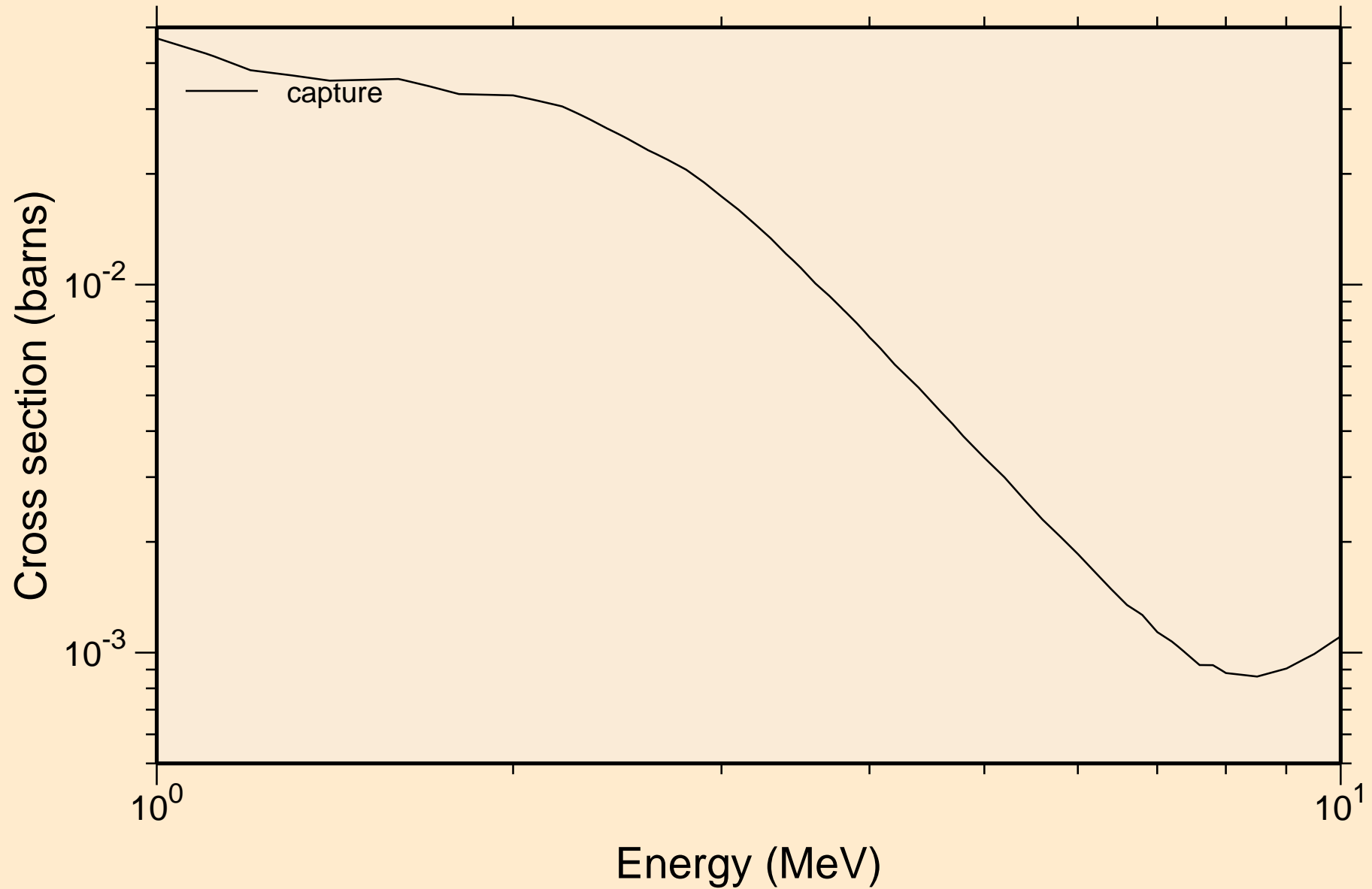
RU102 NRG TENDL-2015, AKONING  
resonance absorption cross sections



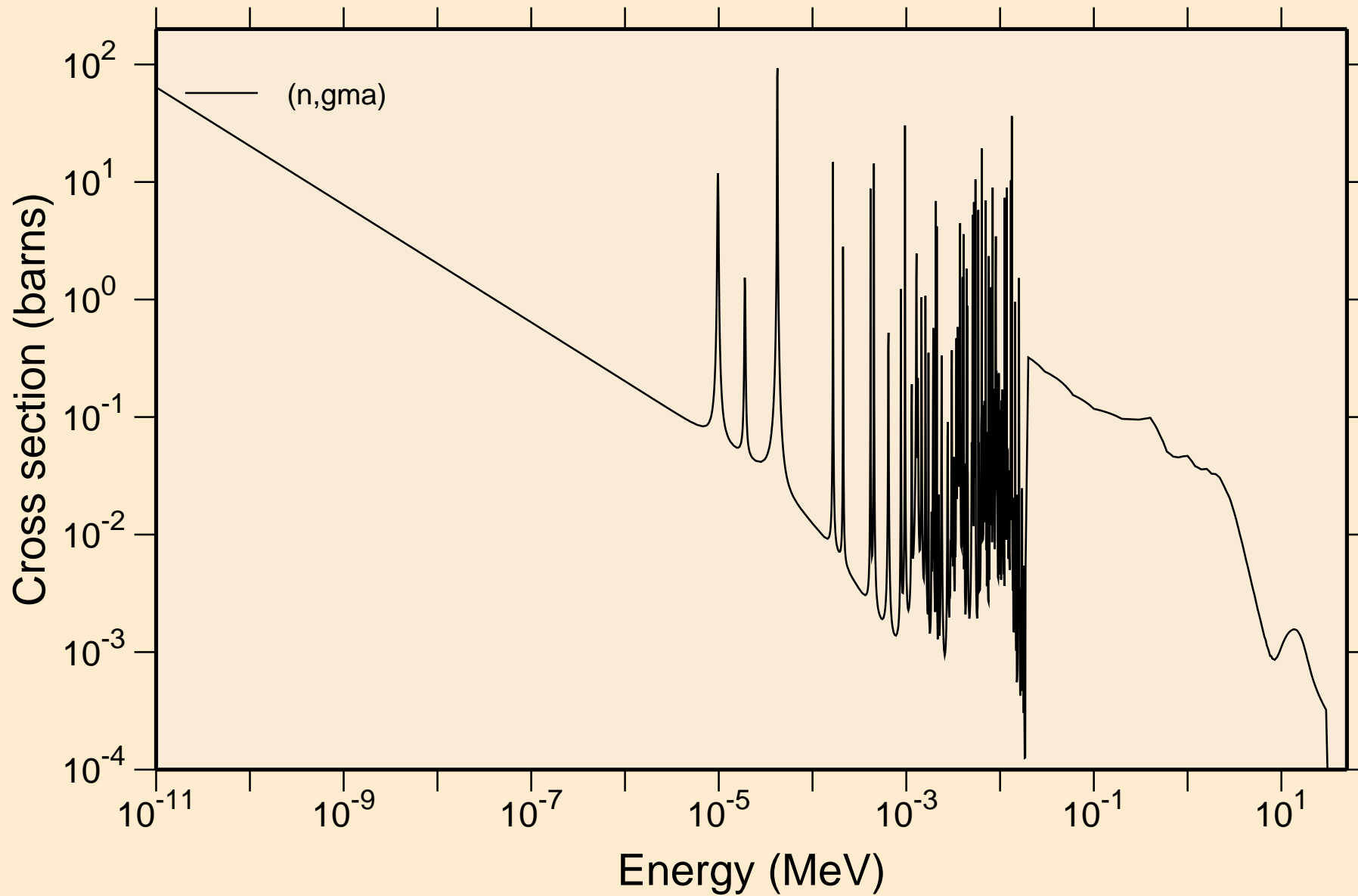
RU102 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RU102 NRG TENDL-2015, AKONING  
resonance absorption cross sections

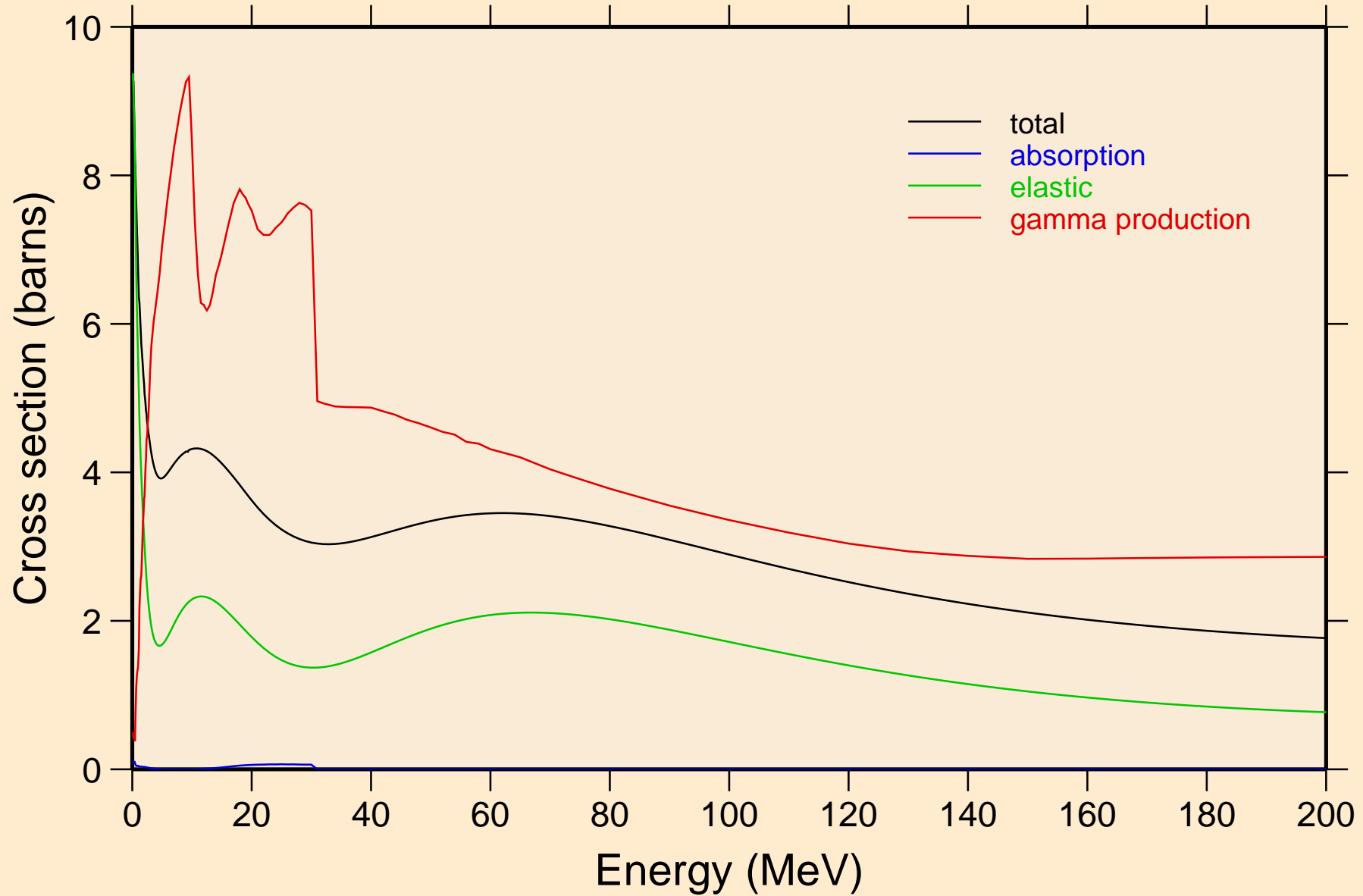


RU102 NRG TENDL-2015, AKONING  
Non-threshold reactions

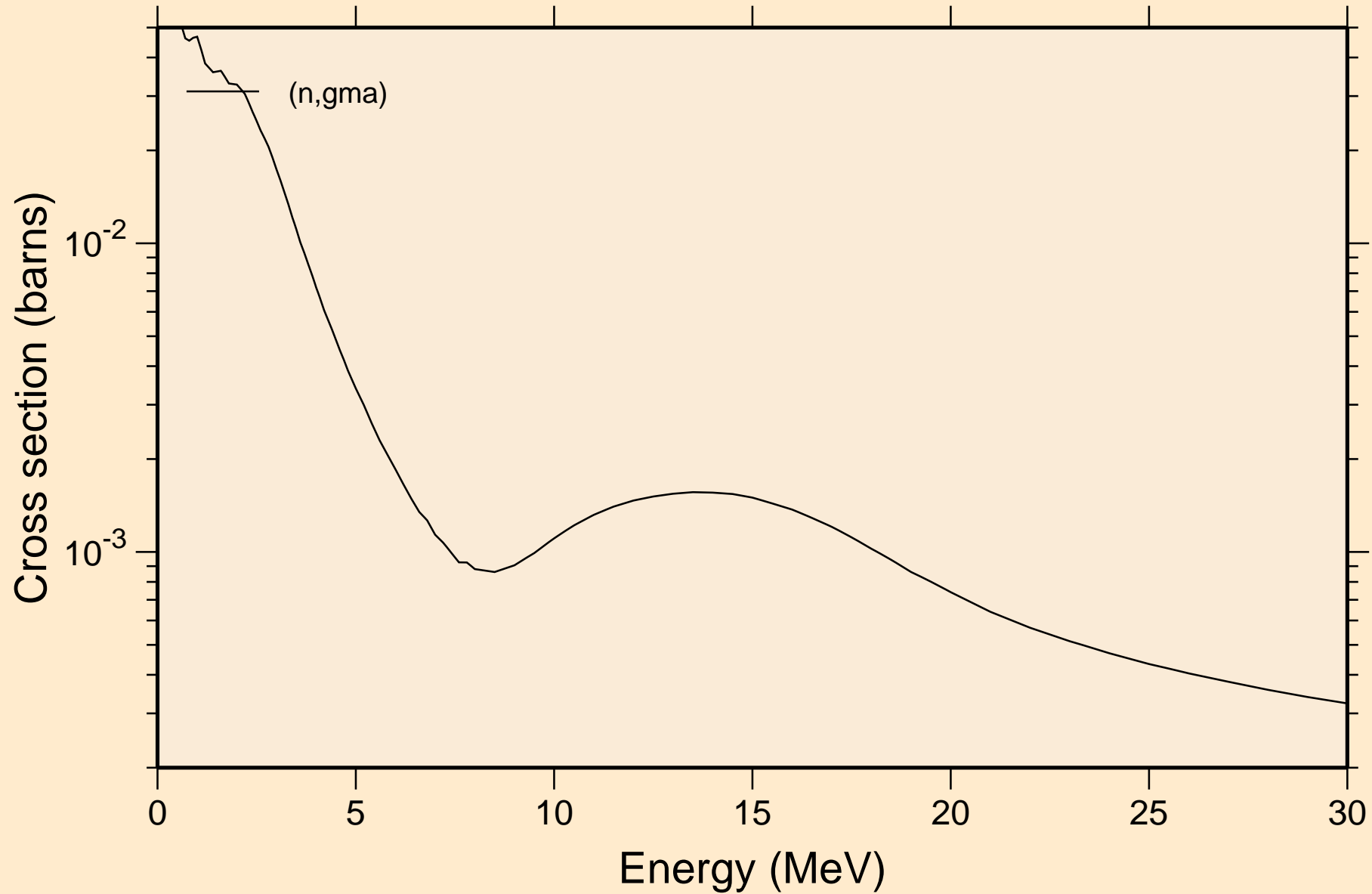


# RU102 NRG TENDL-2015, AKONING

## Principal cross sections

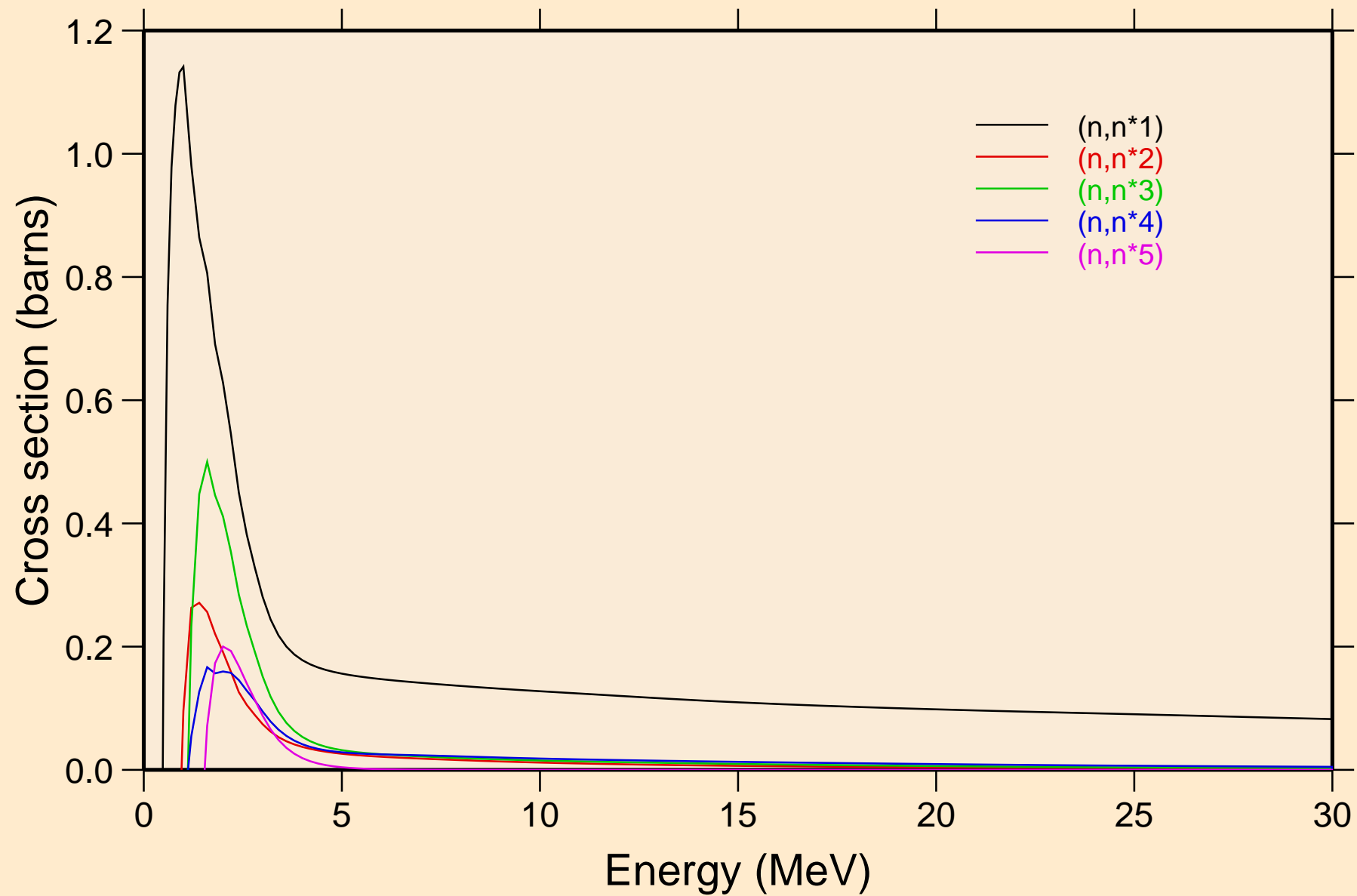


RU102 NRG TENDL-2015, AKONING  
Non-threshold reactions



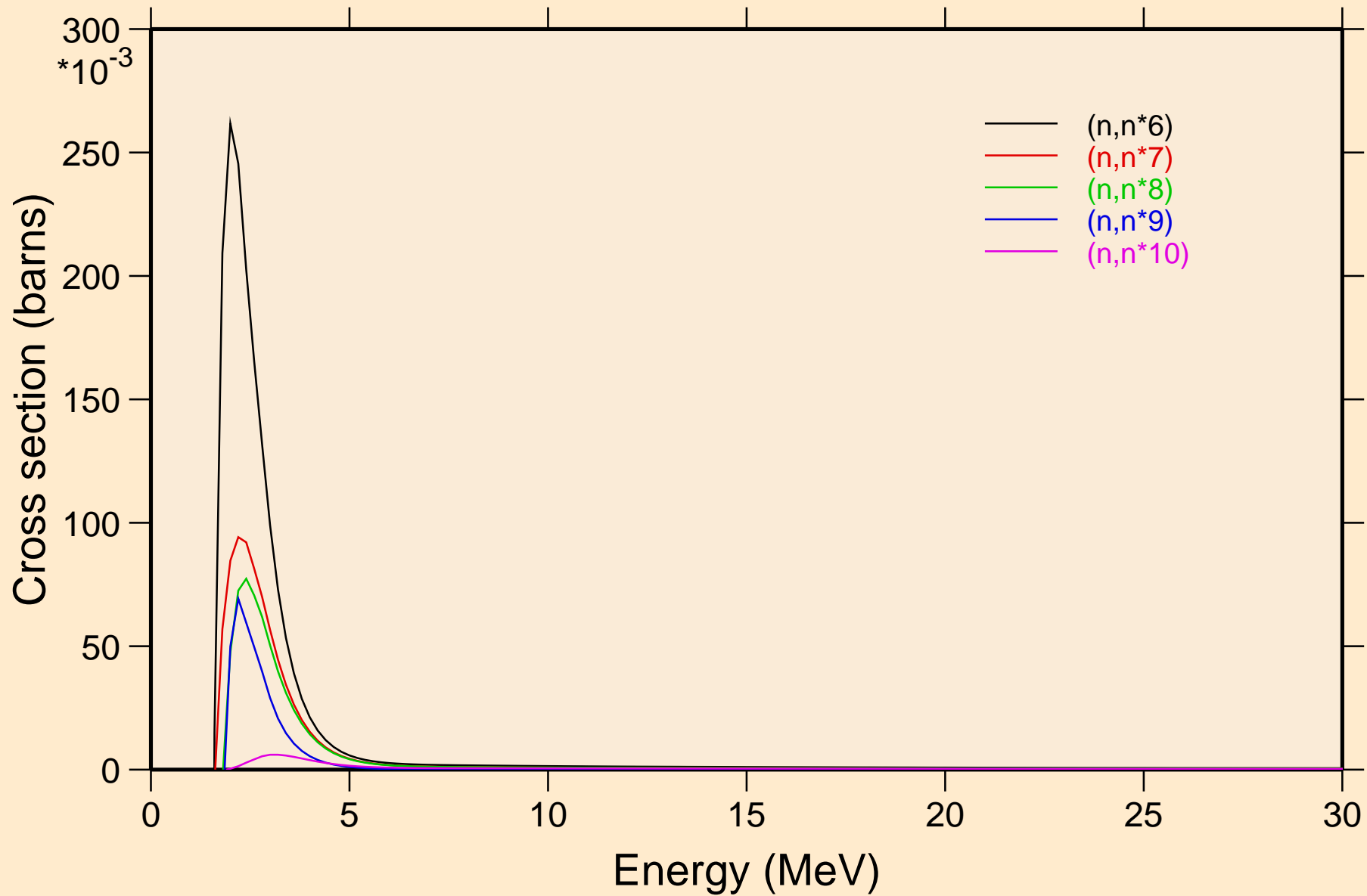
# RU102 NRG TENDL-2015, AKONING

## Inelastic levels



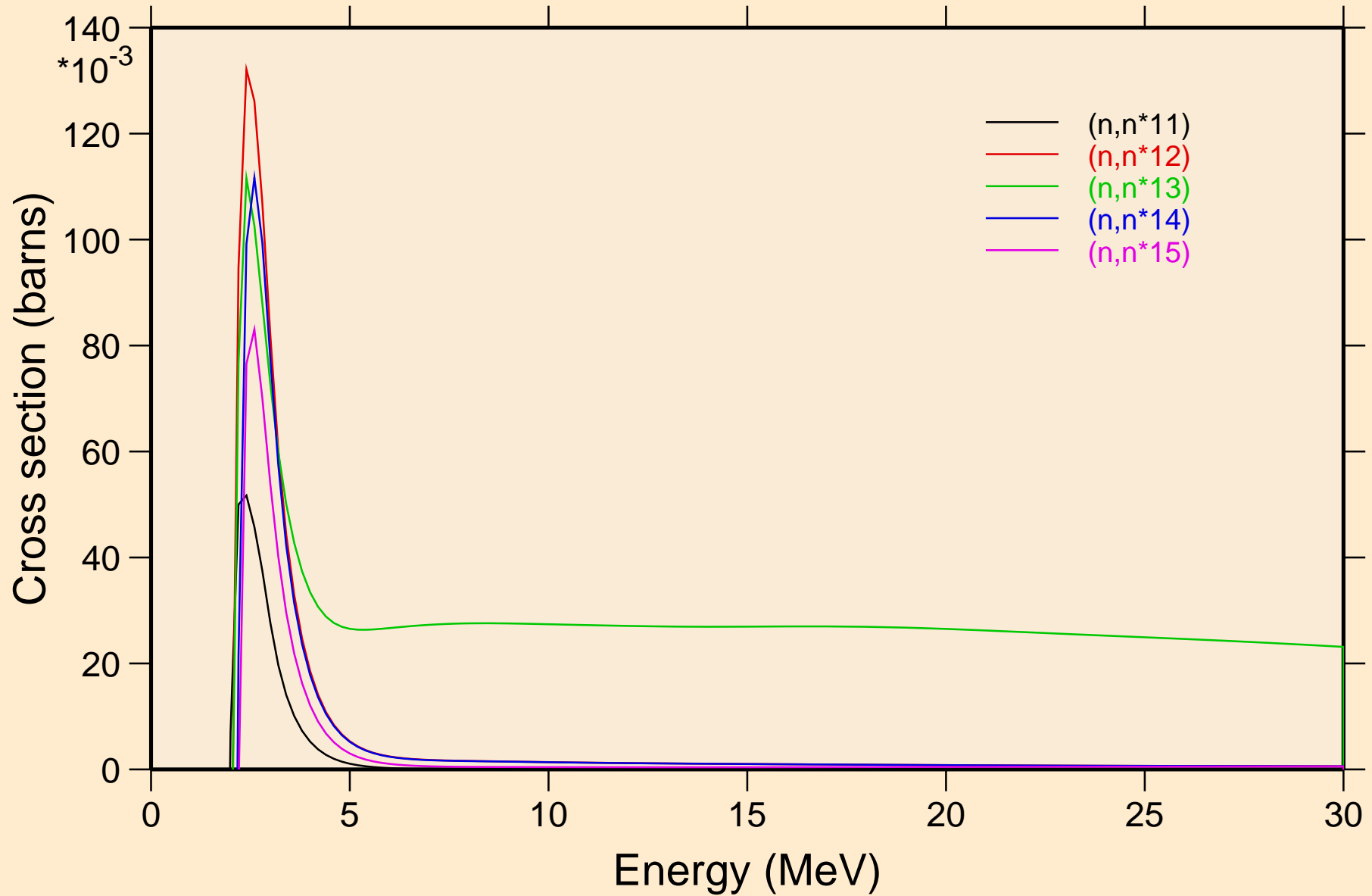
# RU102 NRG TENDL-2015, AKONING

## Inelastic levels



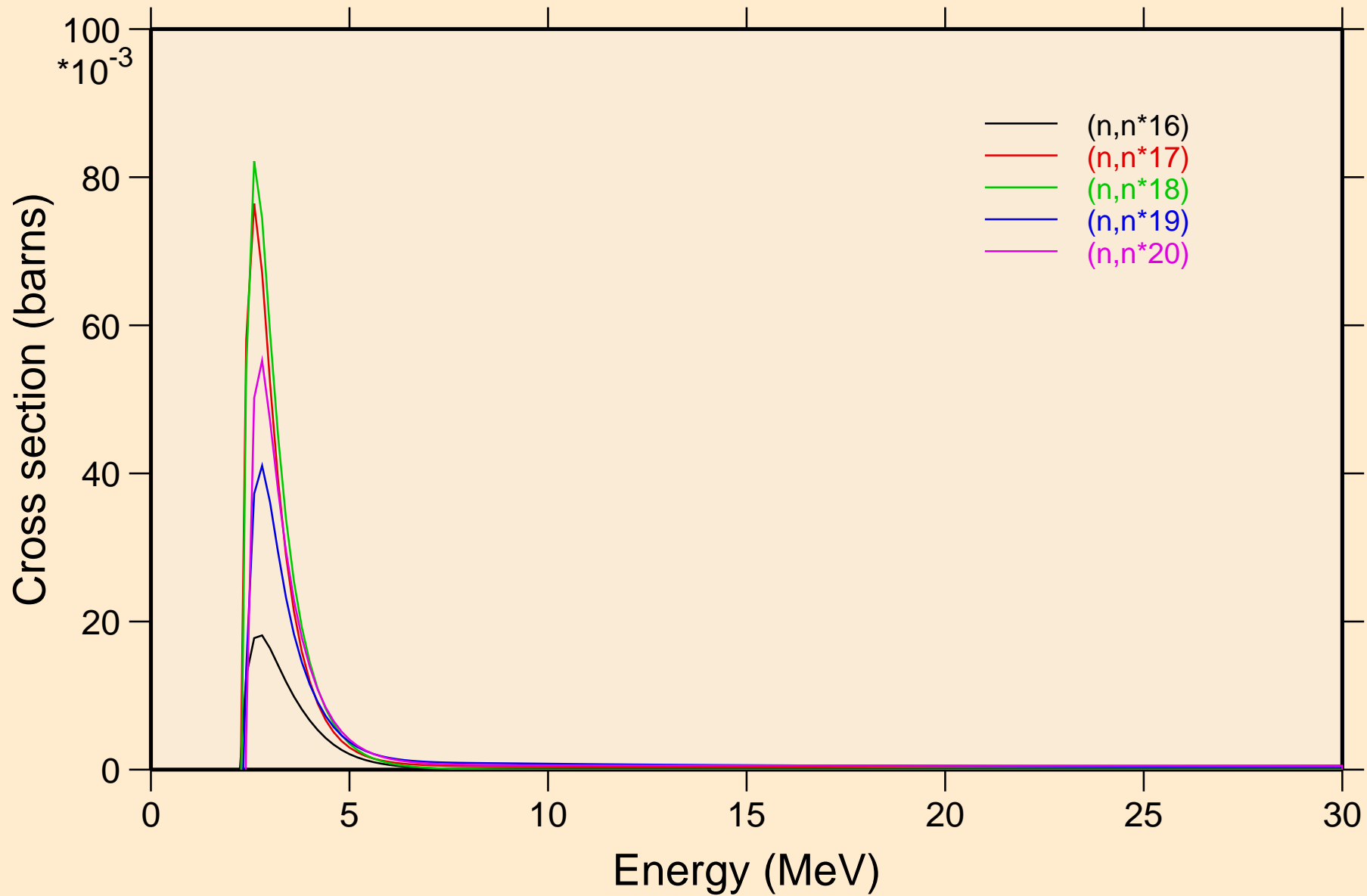
# RU102 NRG TENDL-2015, AKONING

## Inelastic levels



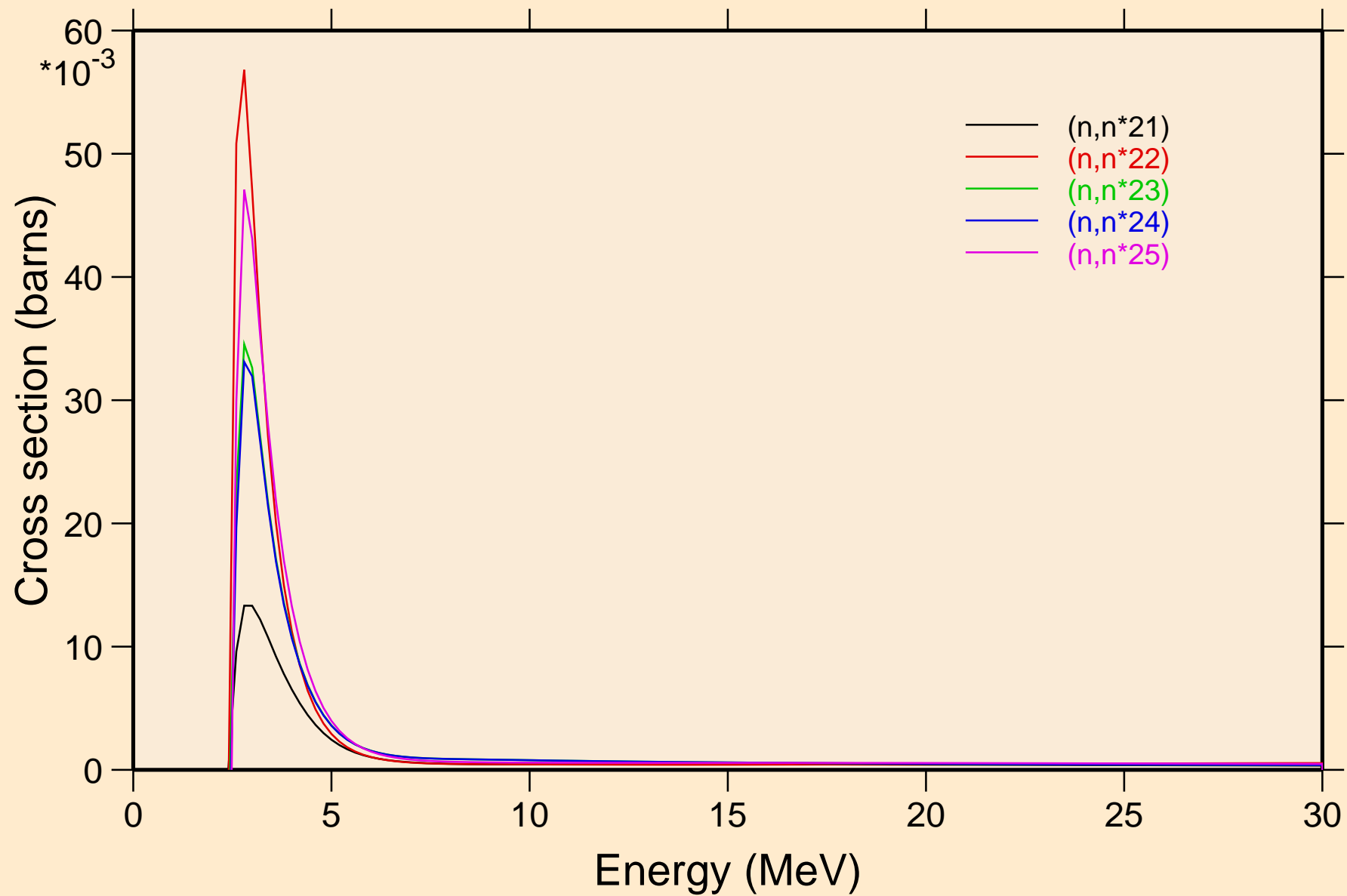
# RU102 NRG TENDL-2015, AKONING

## Inelastic levels



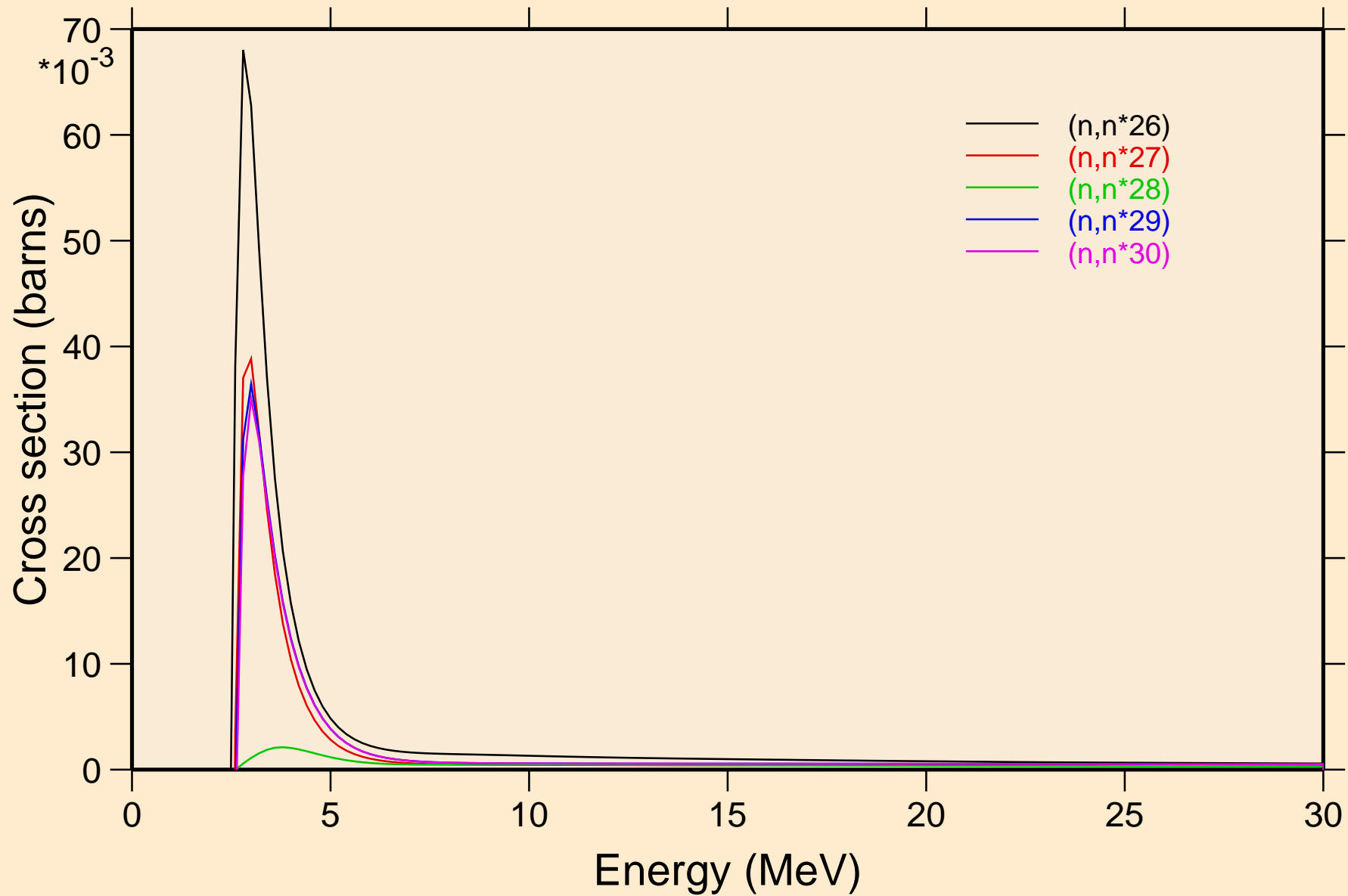
# RU102 NRG TENDL-2015, AKONING

## Inelastic levels



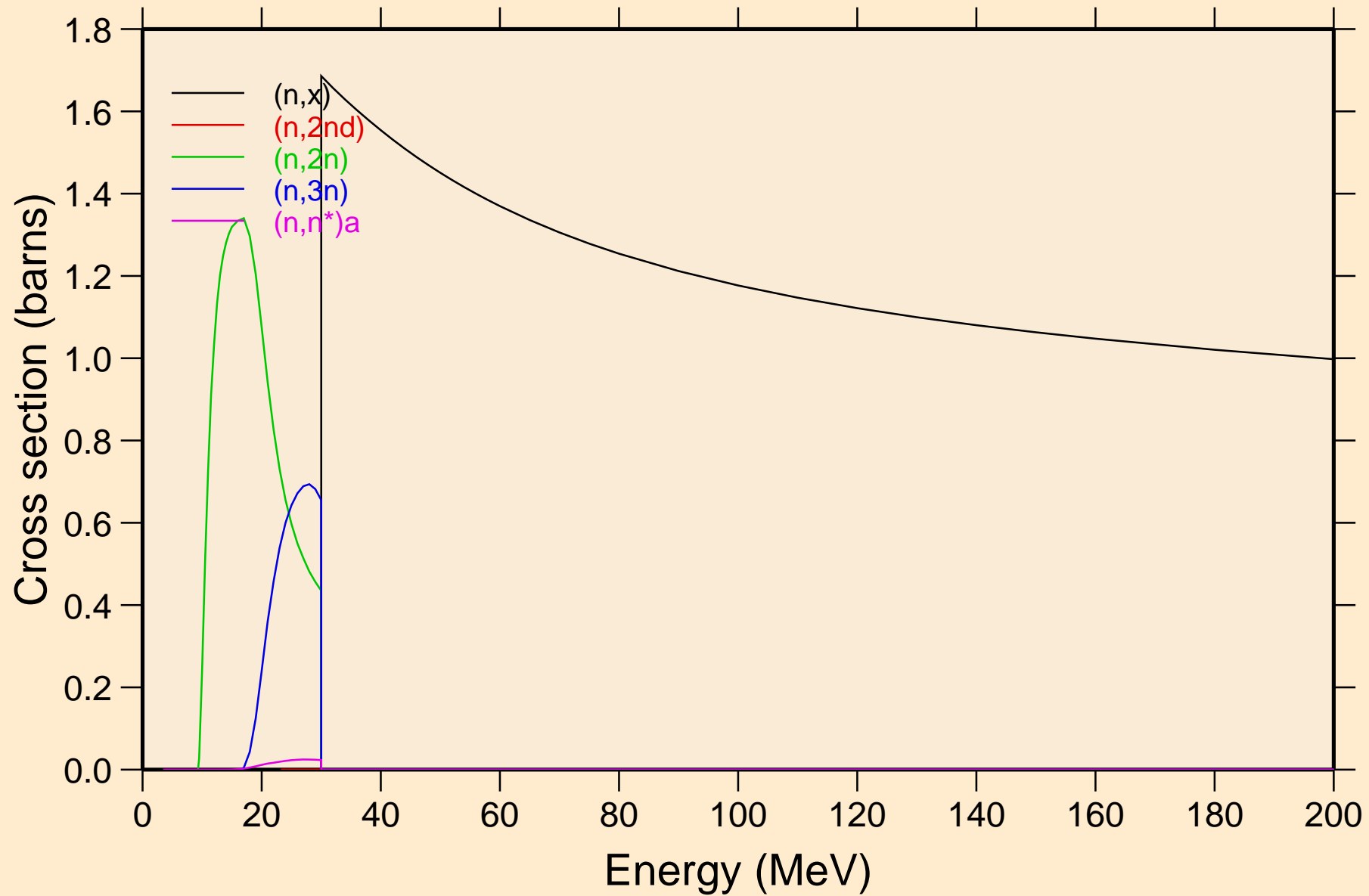
# RU102 NRG TENDL-2015, AKONING

## Inelastic levels



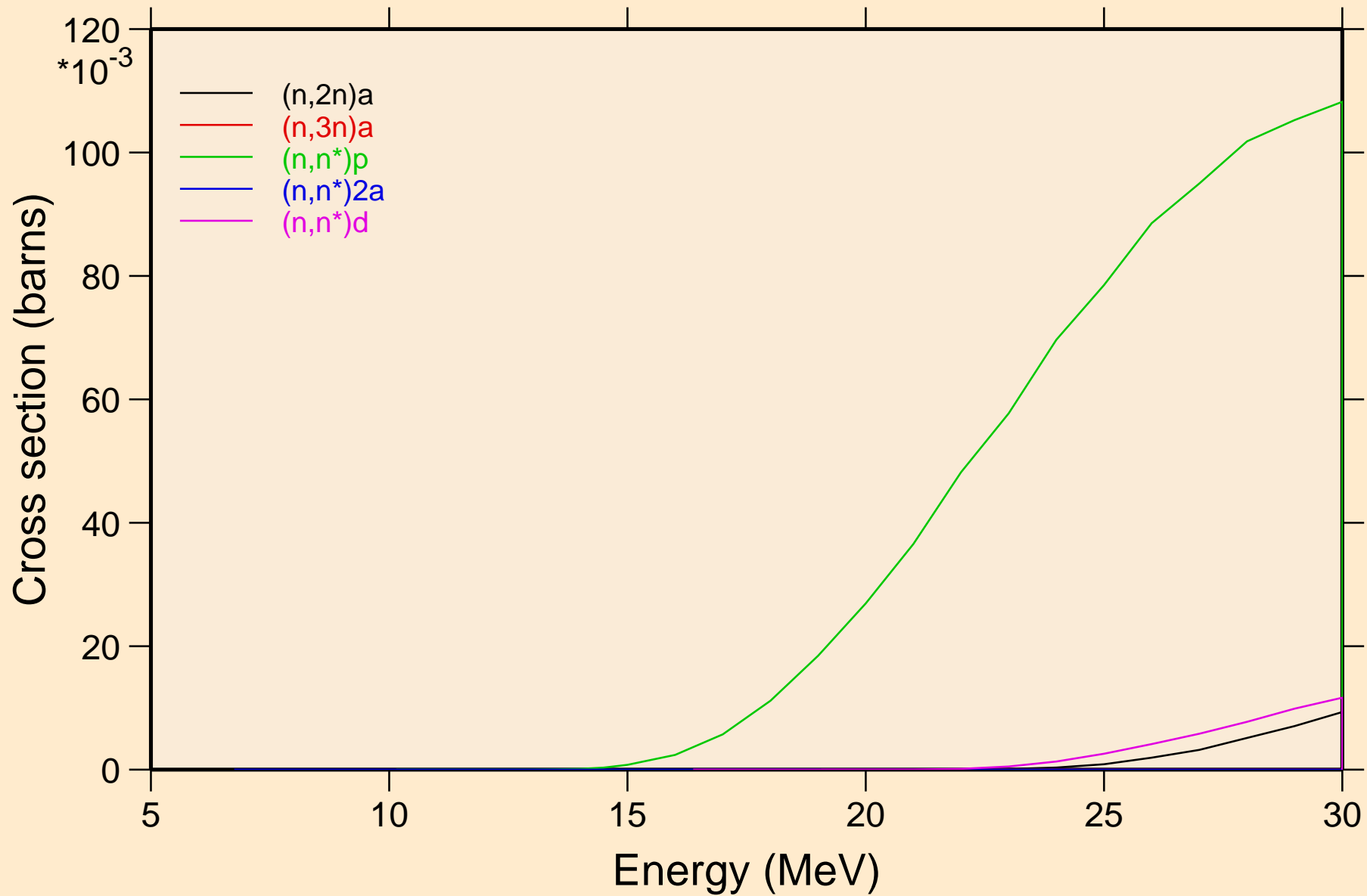
# RU102 NRG TENDL-2015, AKONING

## Threshold reactions



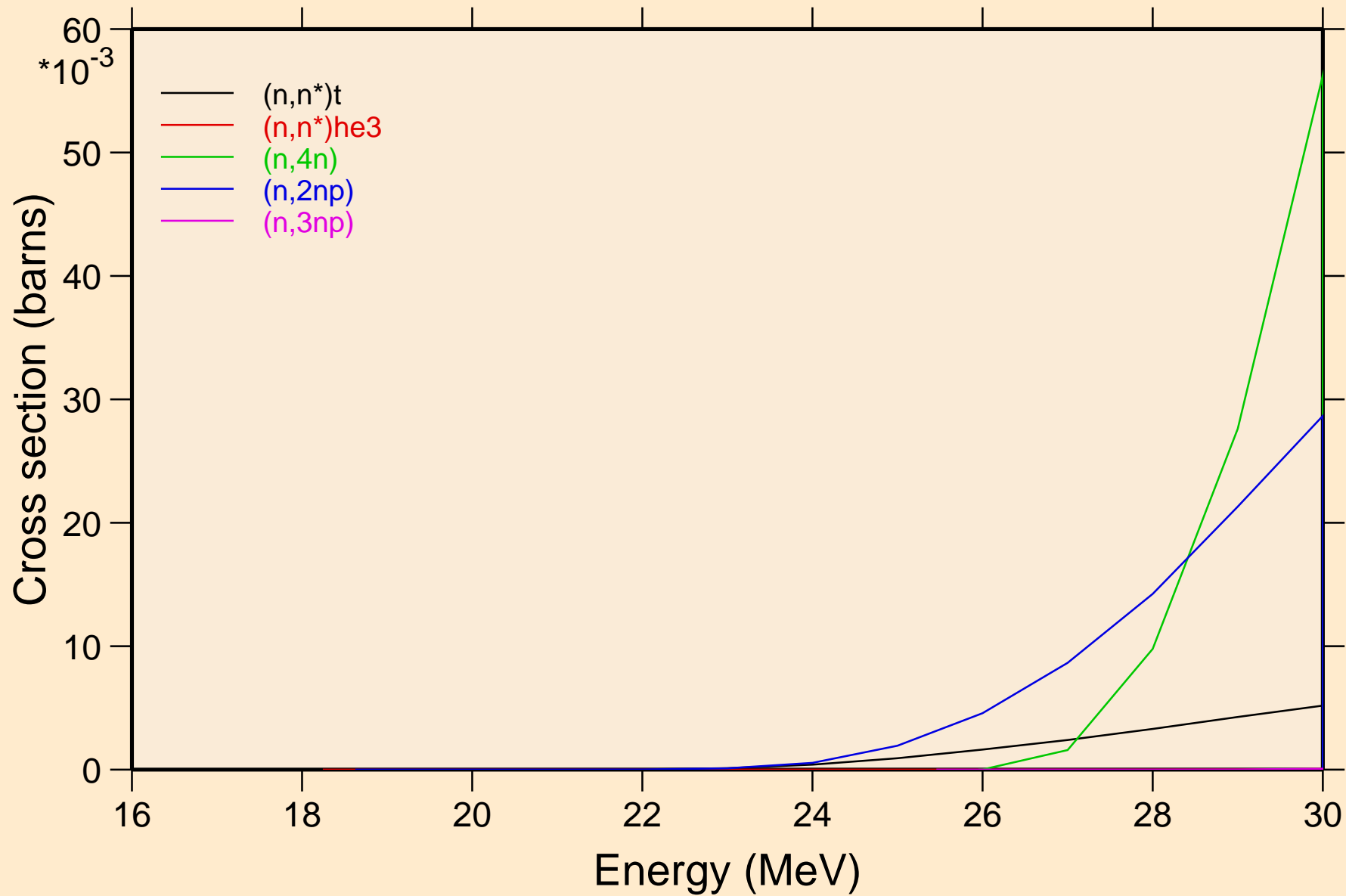
# RU102 NRG TENDL-2015, AKONING

## Threshold reactions



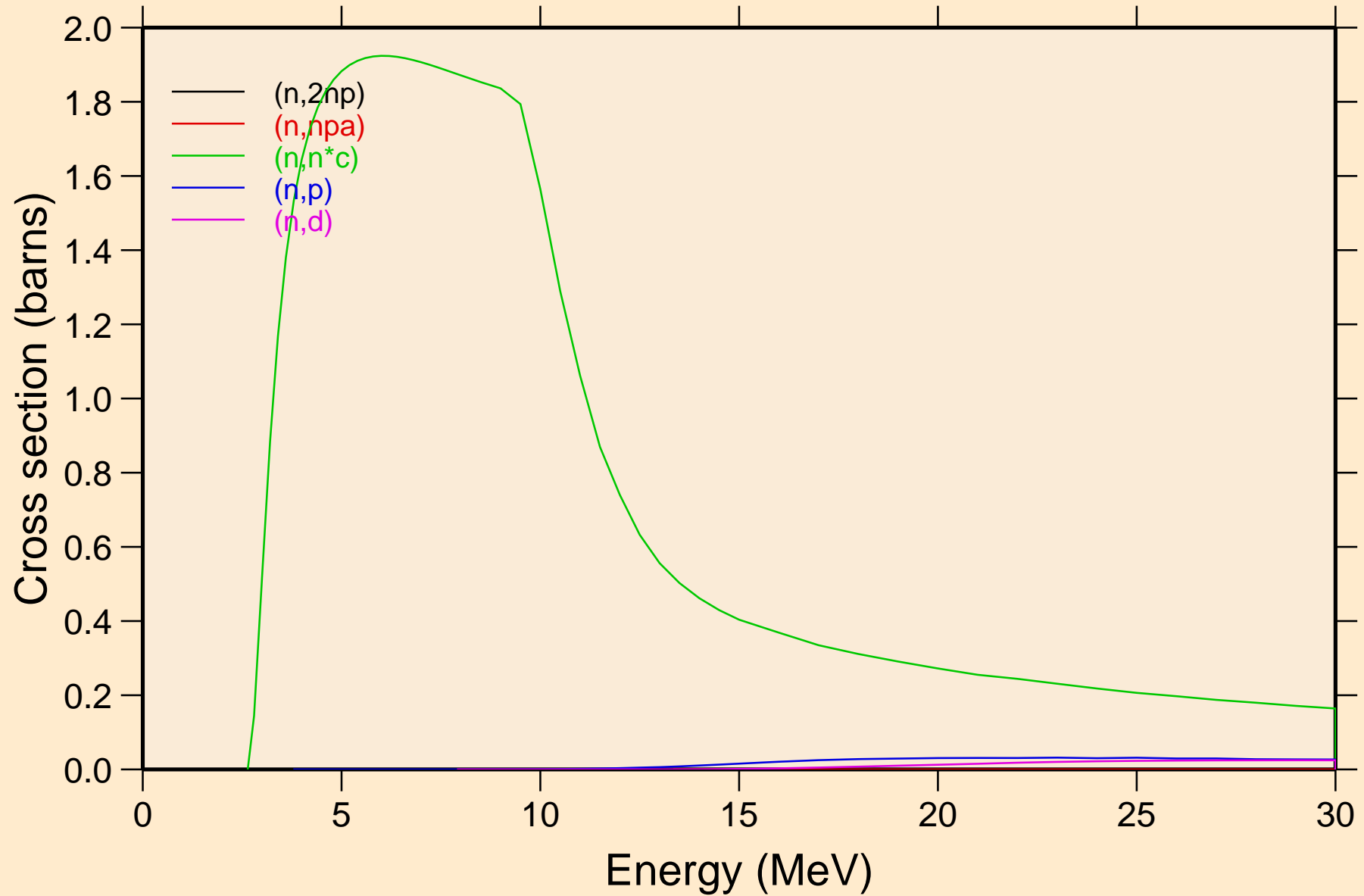
# RU102 NRG TENDL-2015, AKONING

## Threshold reactions



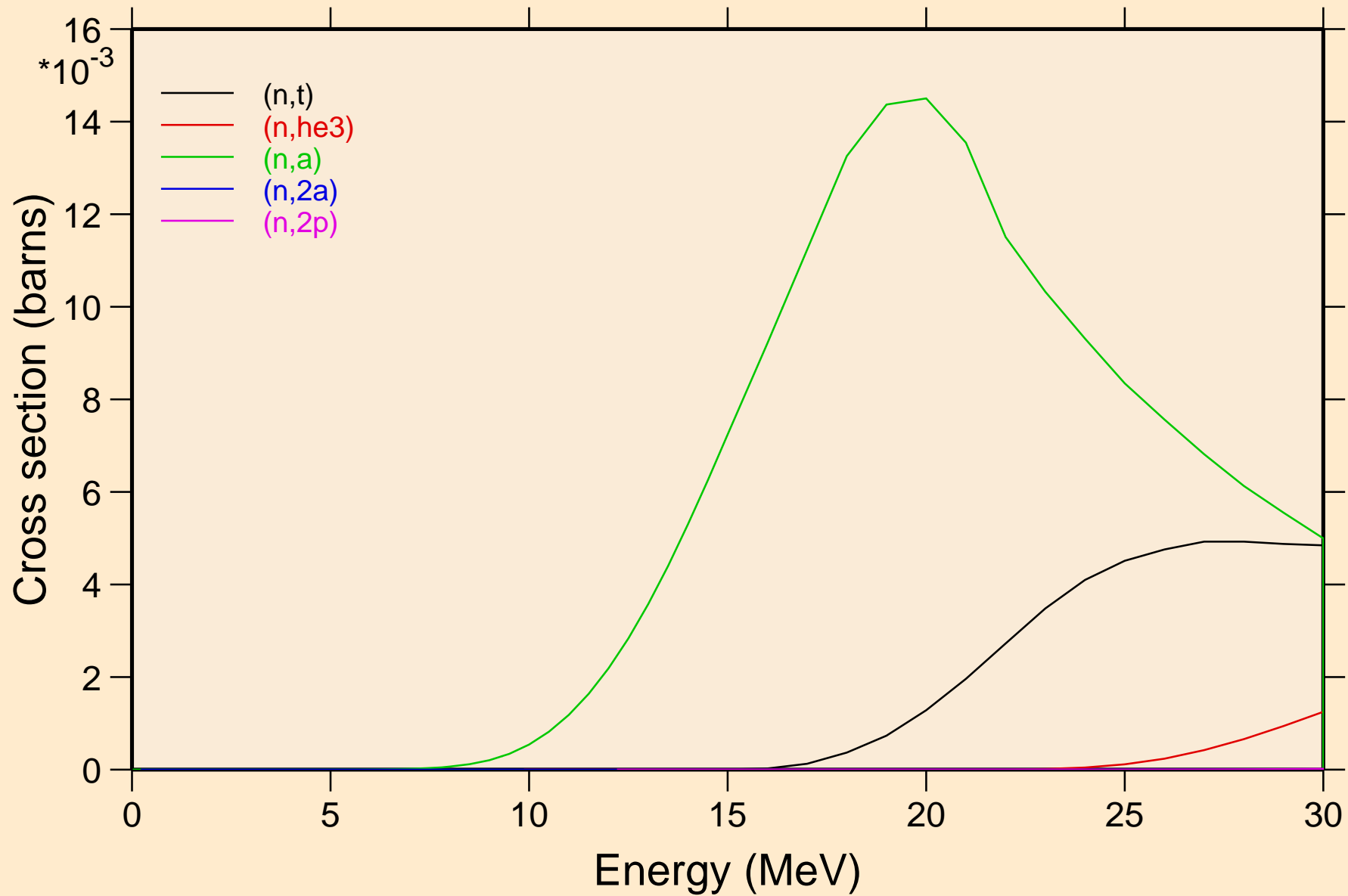
# RU102 NRG TENDL-2015, AKONING

## Threshold reactions



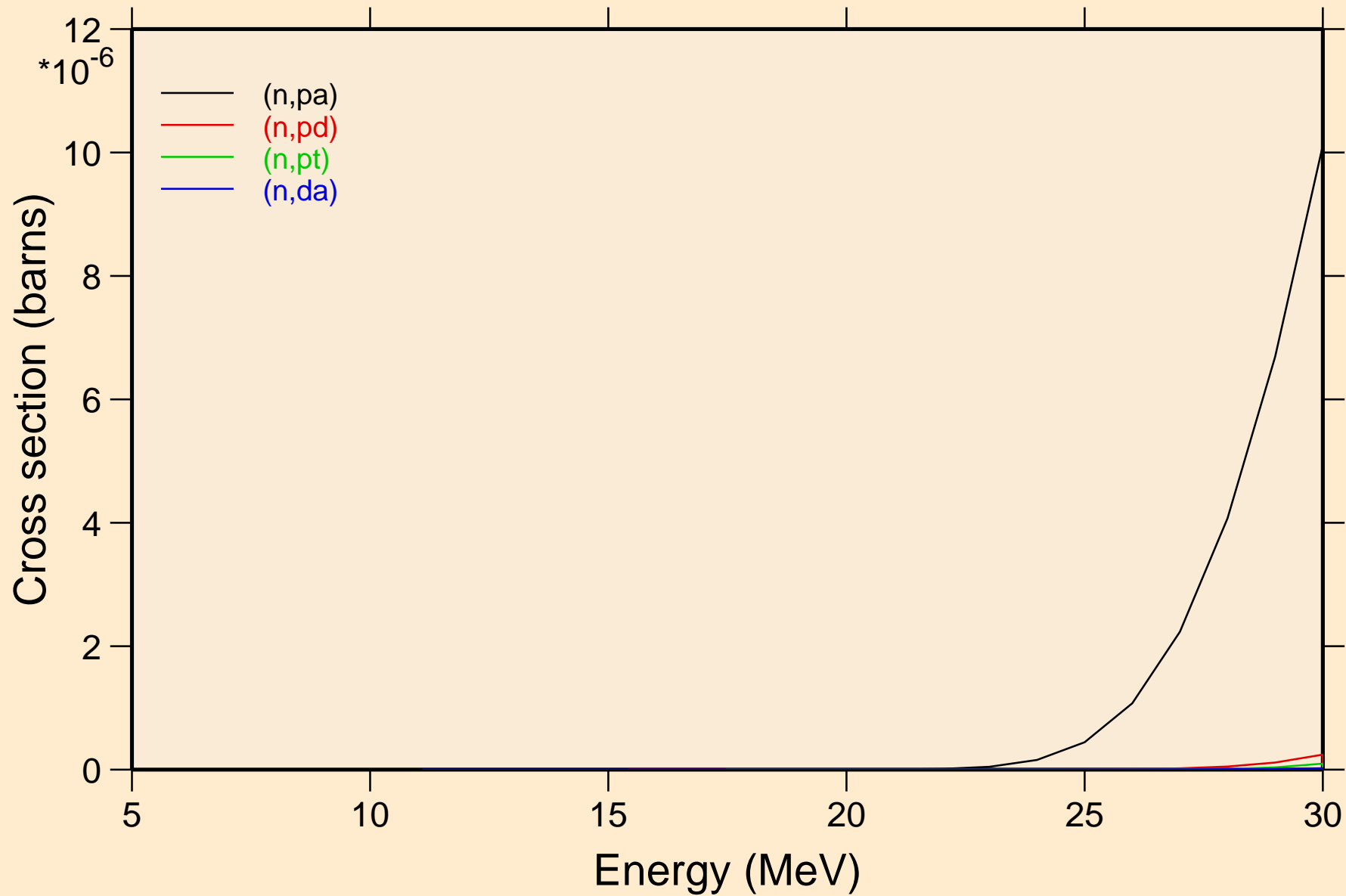
# RU102 NRG TENDL-2015, AKONING

## Threshold reactions

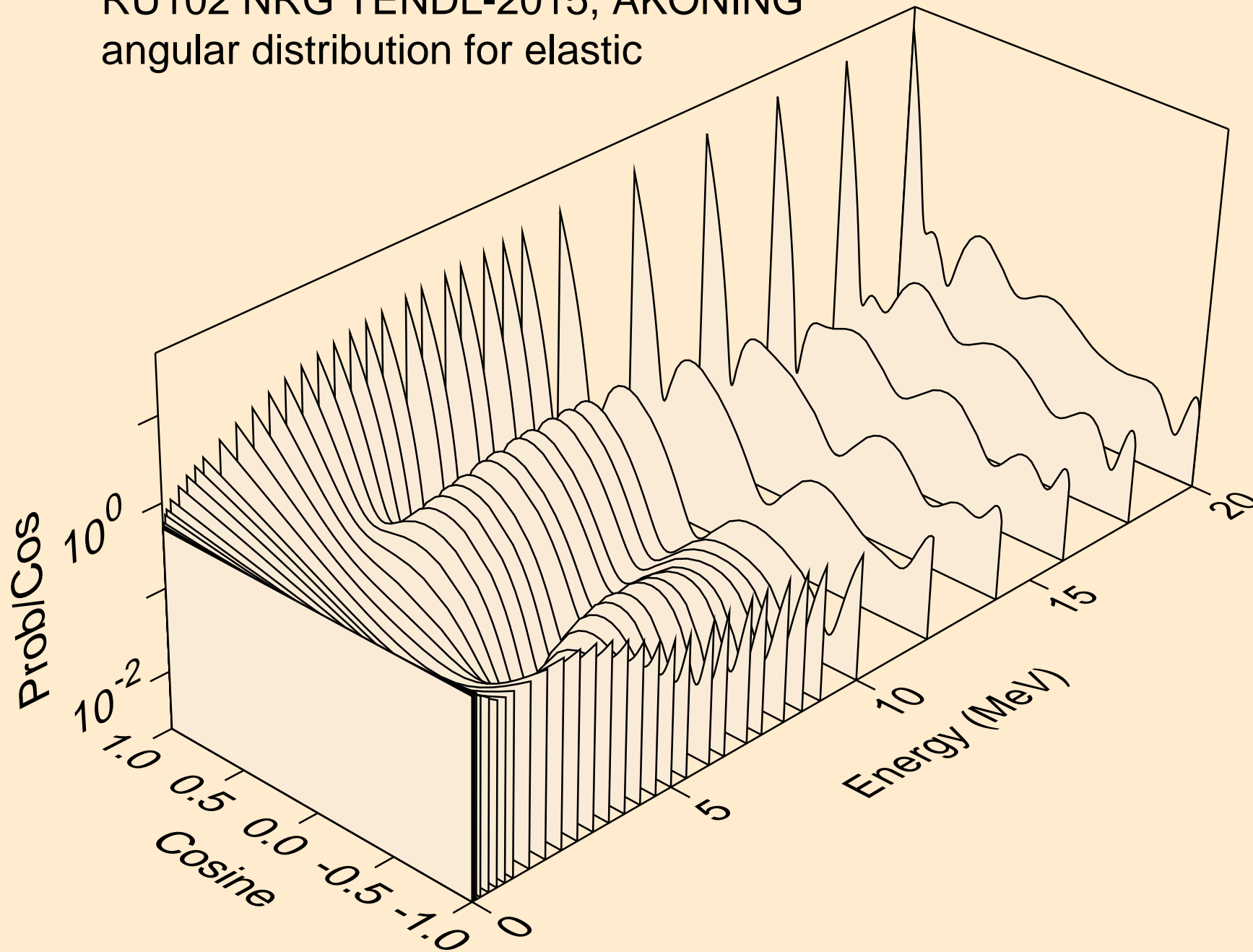


# RU102 NRG TENDL-2015, AKONING

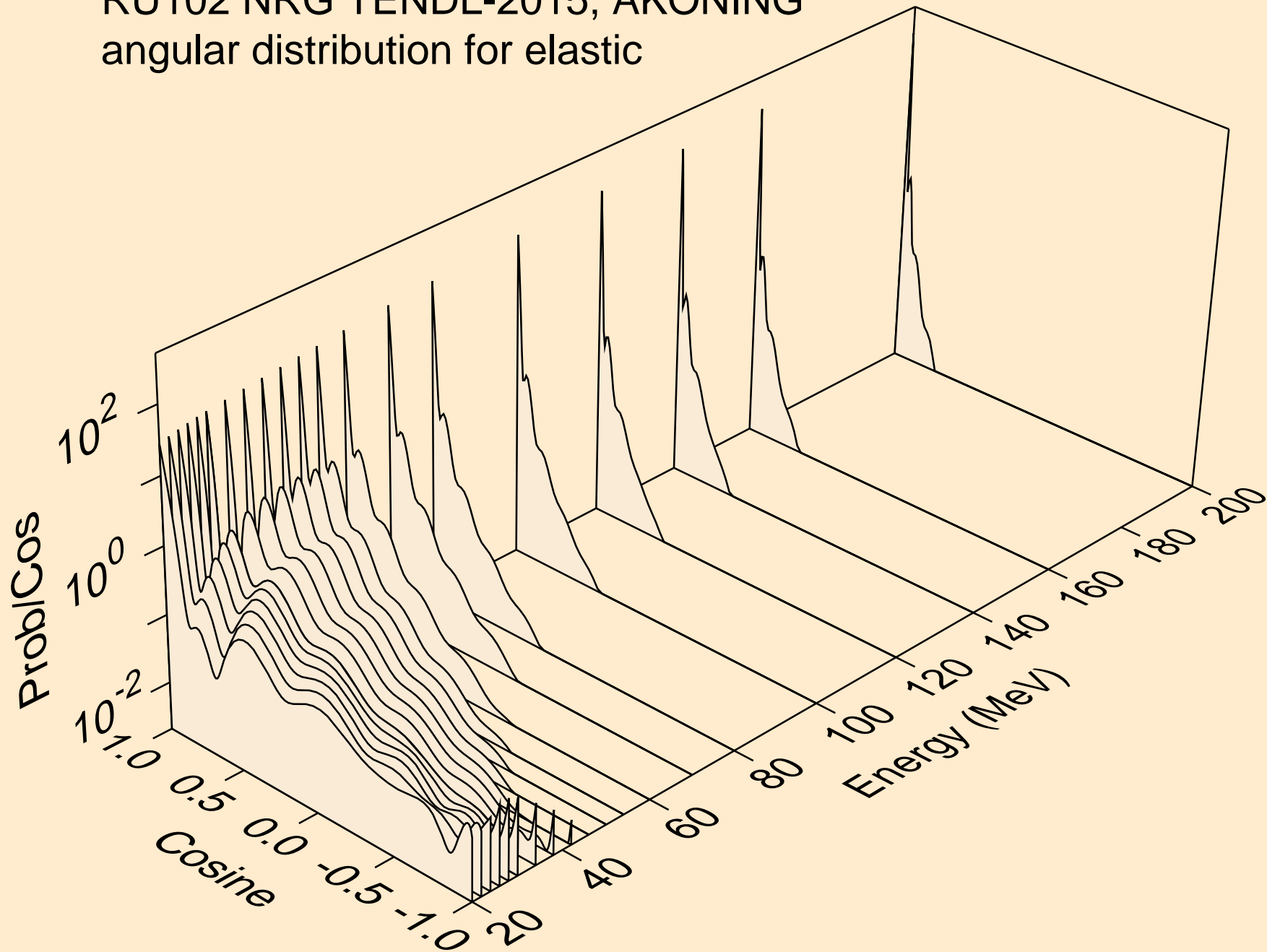
## Threshold reactions



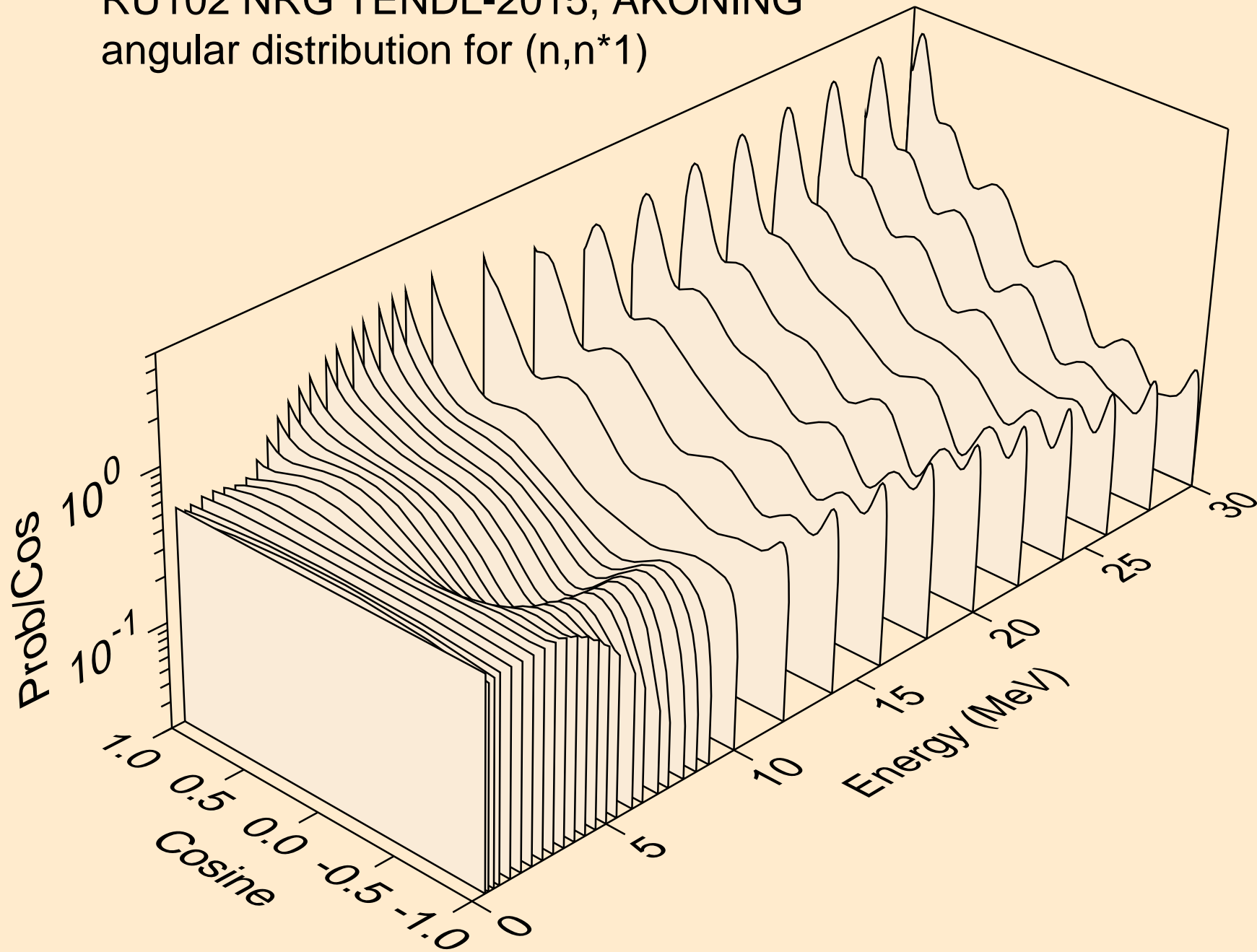
RU102 NRG TENDL-2015, AKONING  
angular distribution for elastic



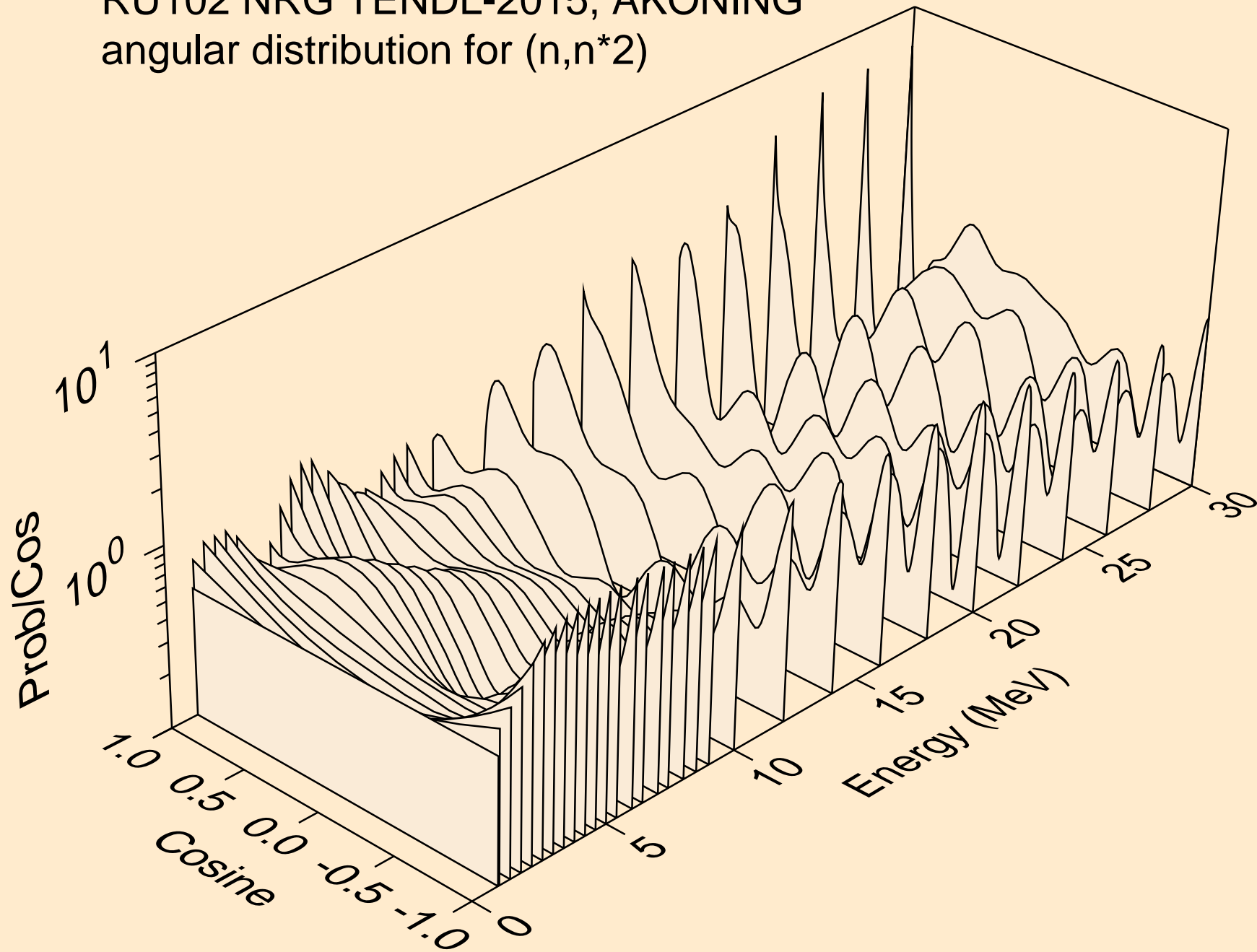
RU102 NRG TENDL-2015, AKONING  
angular distribution for elastic



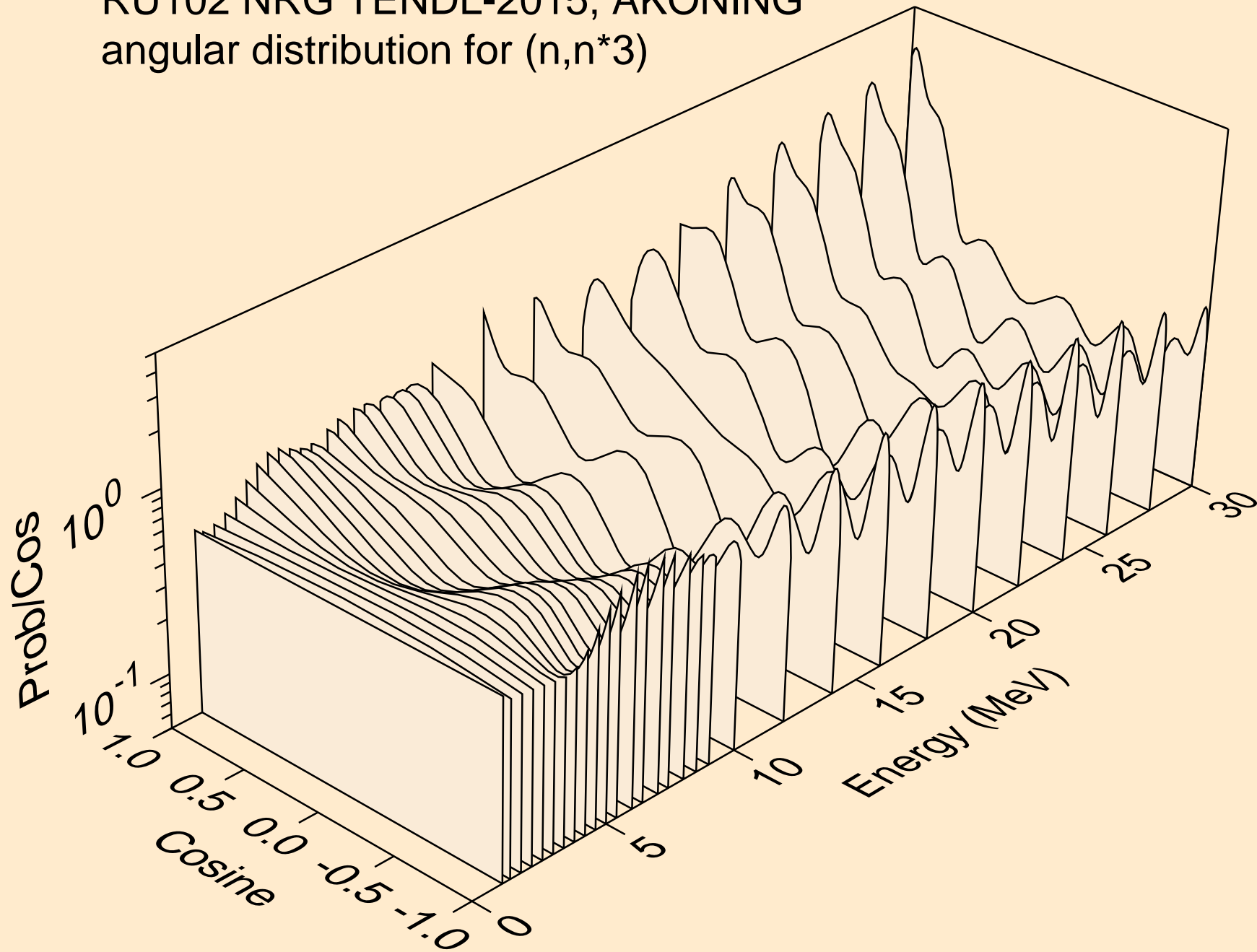
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



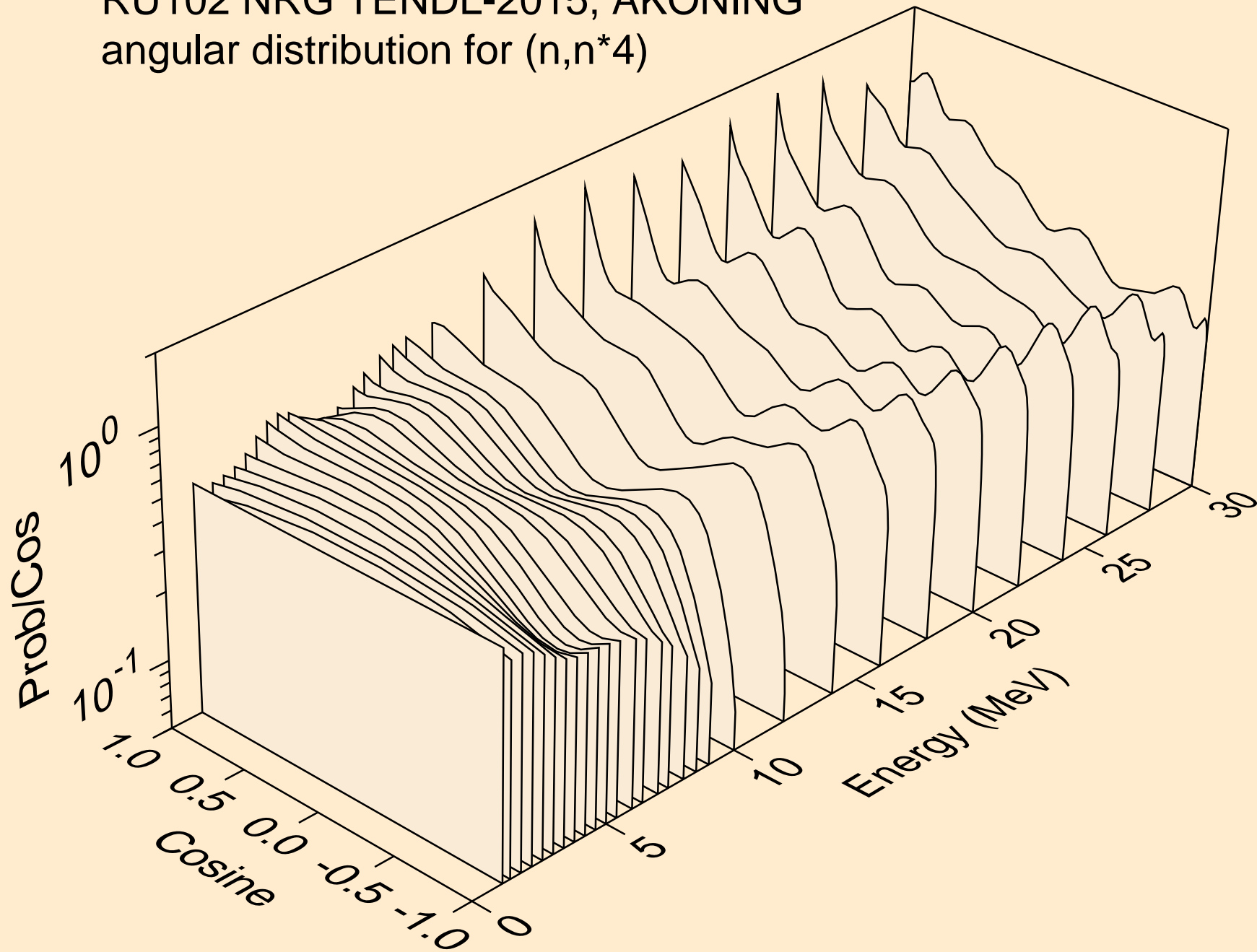
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



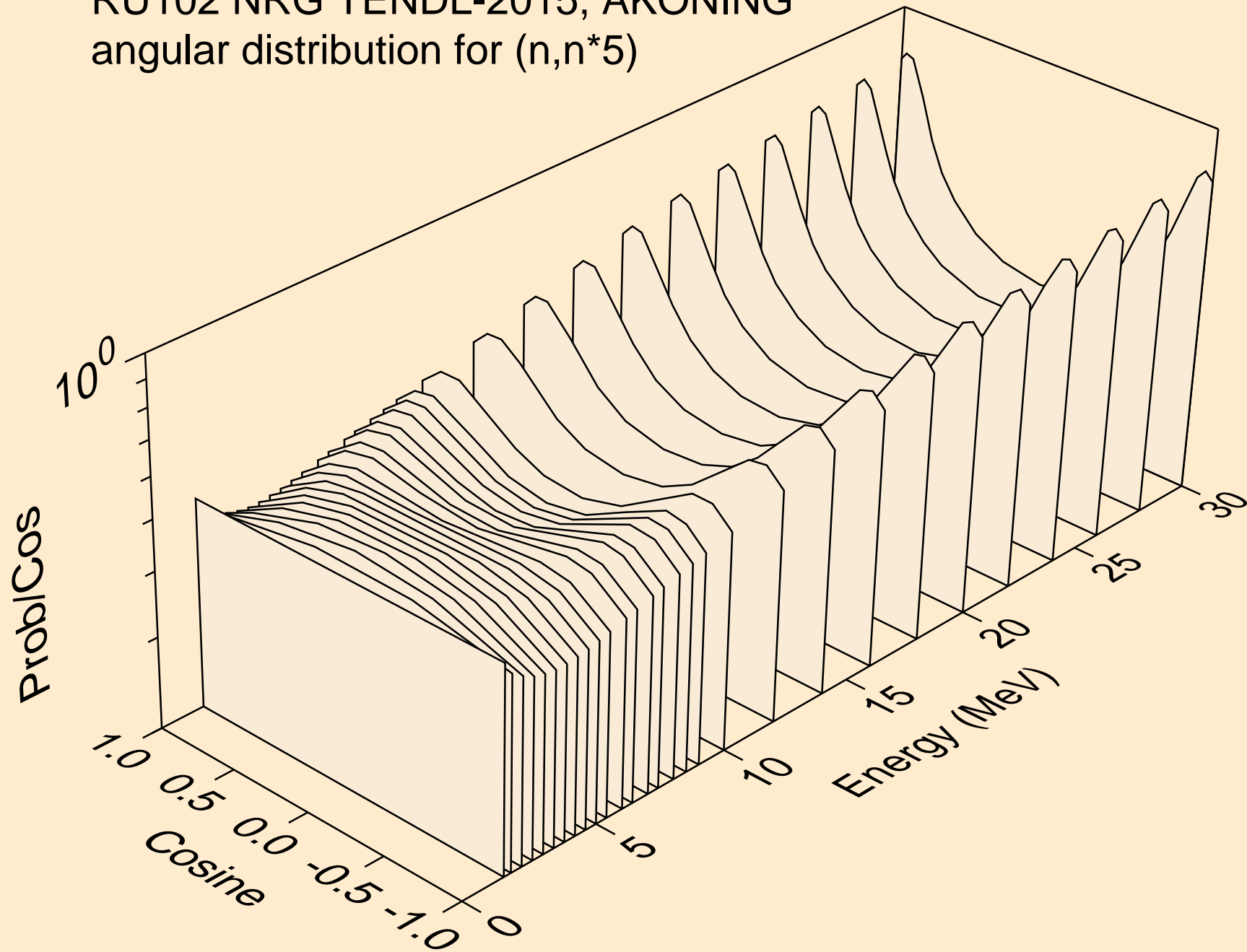
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



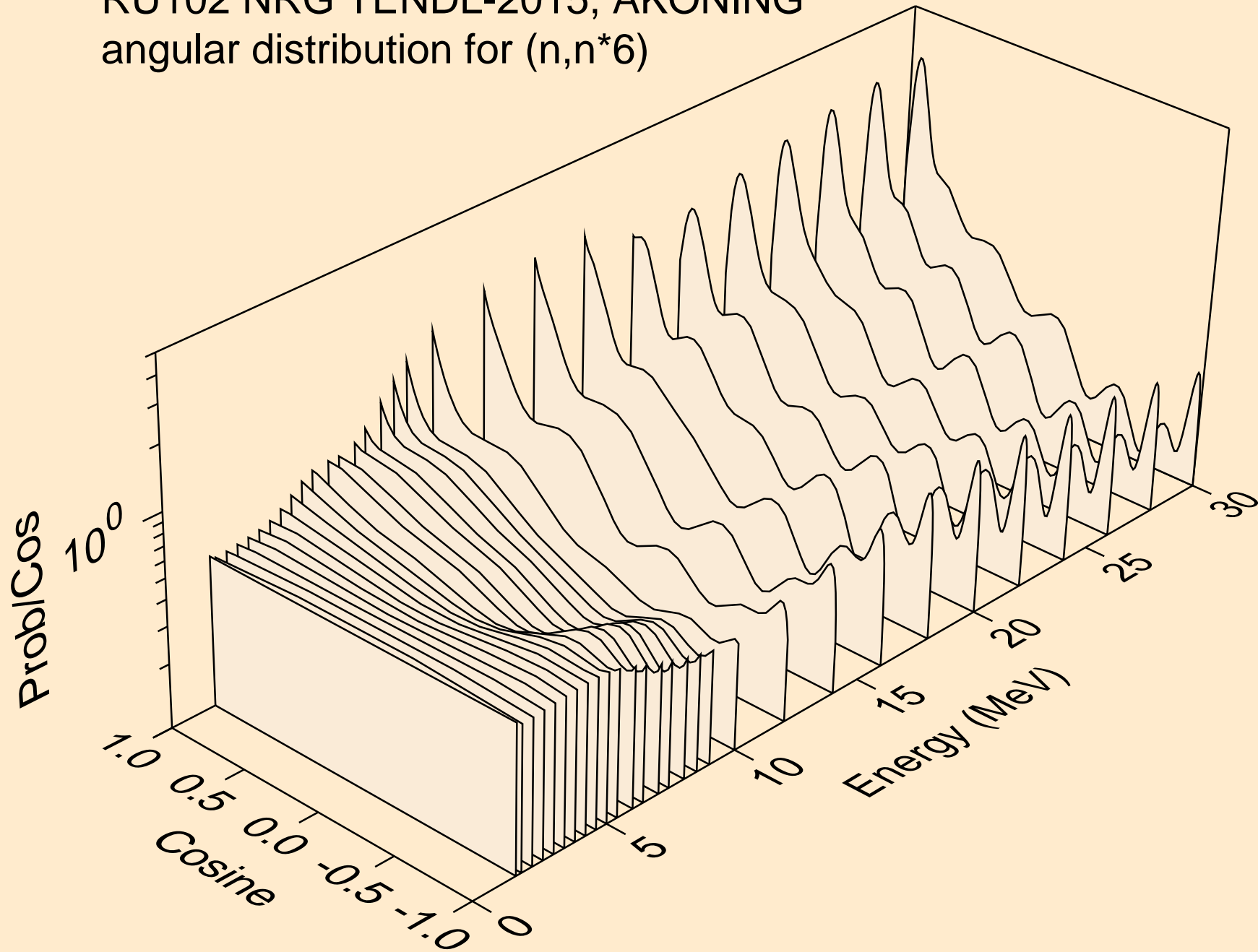
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



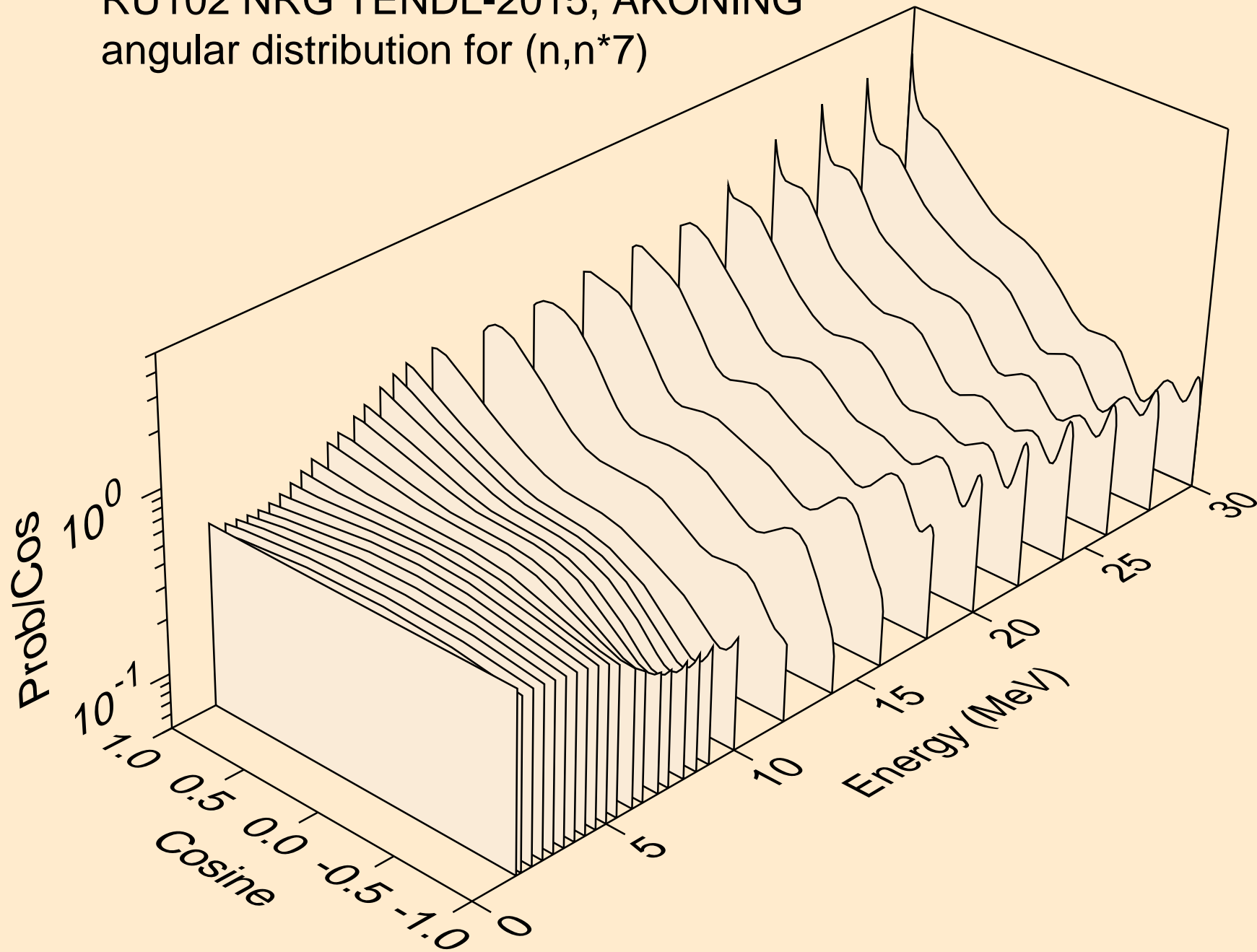
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



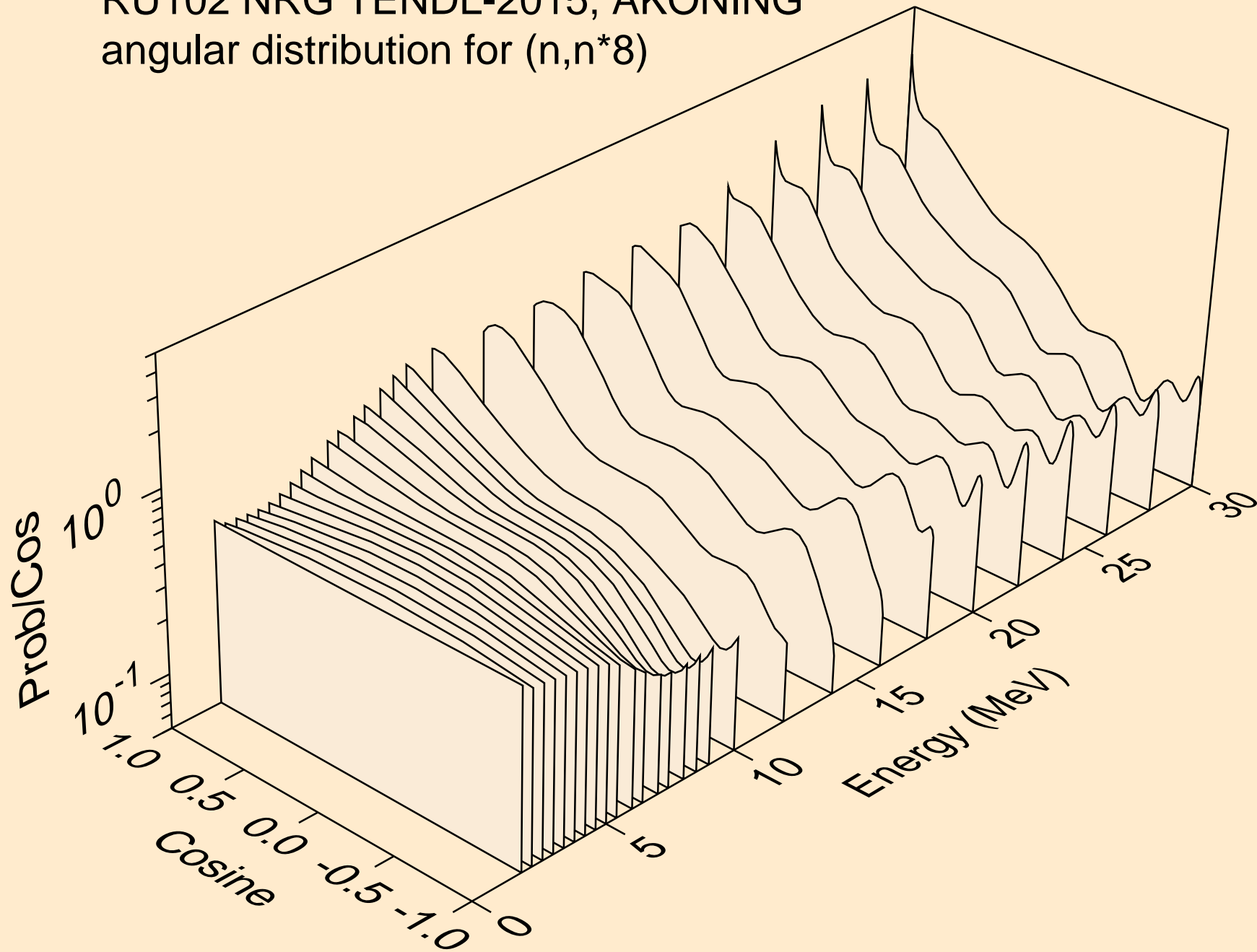
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



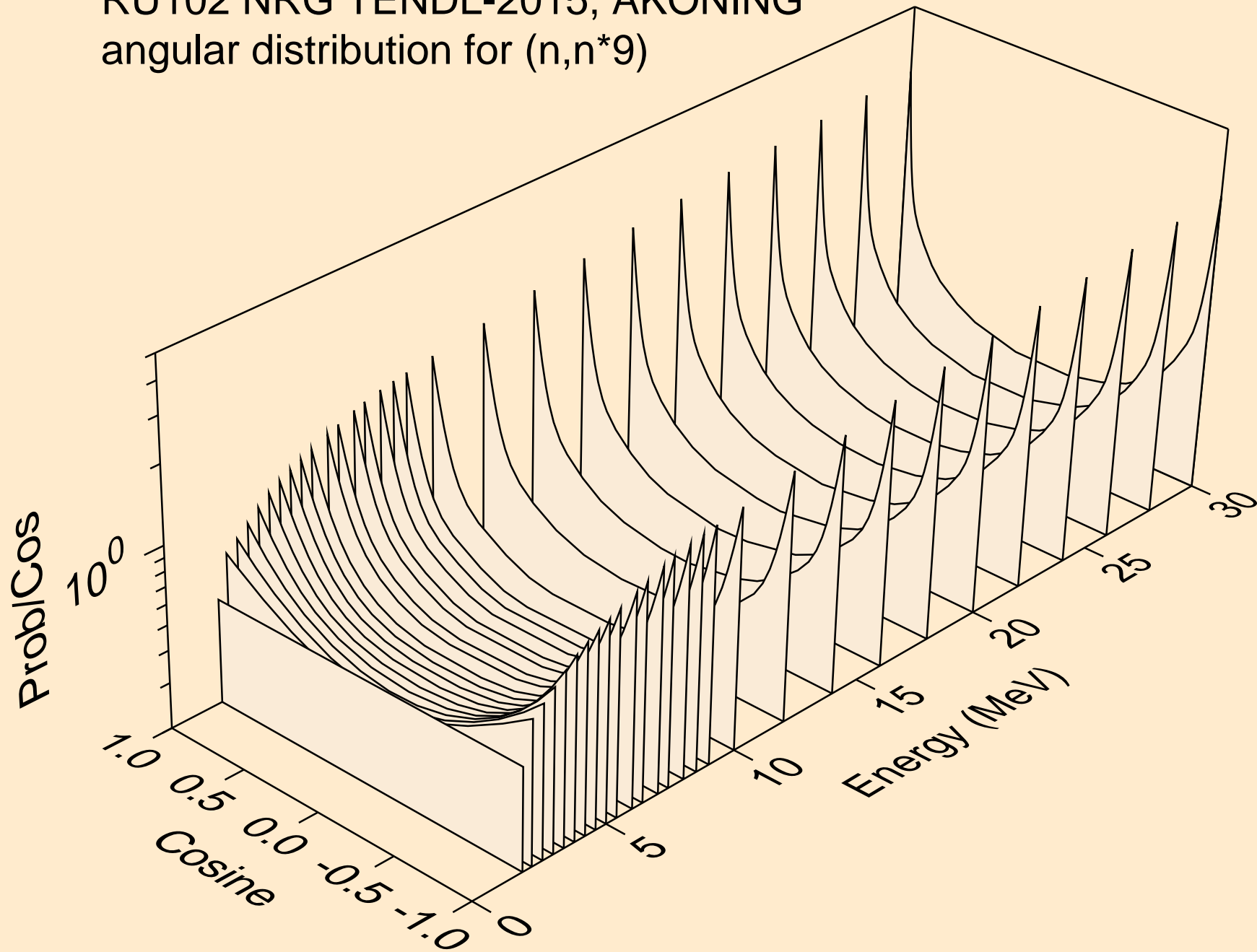
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



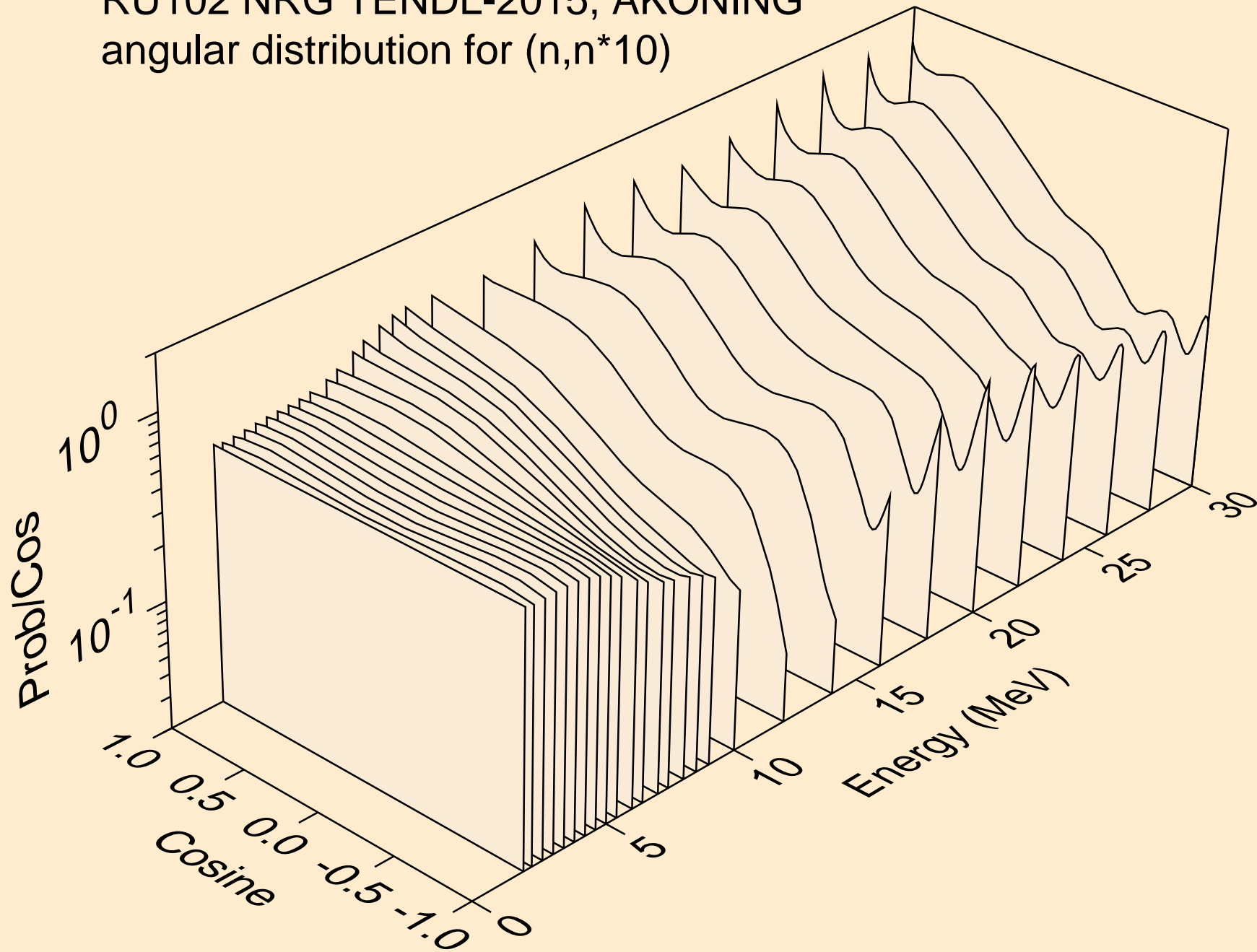
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



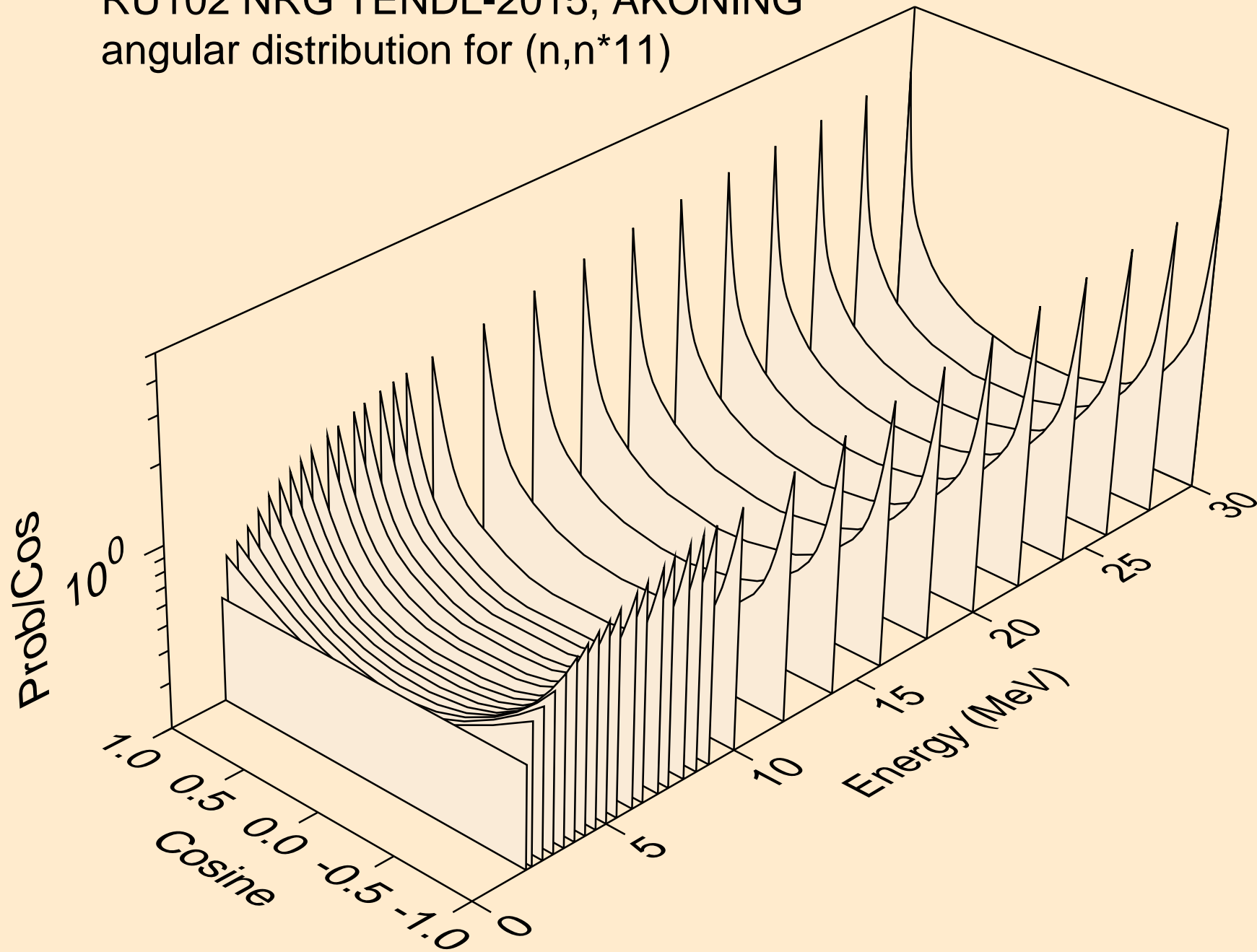
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



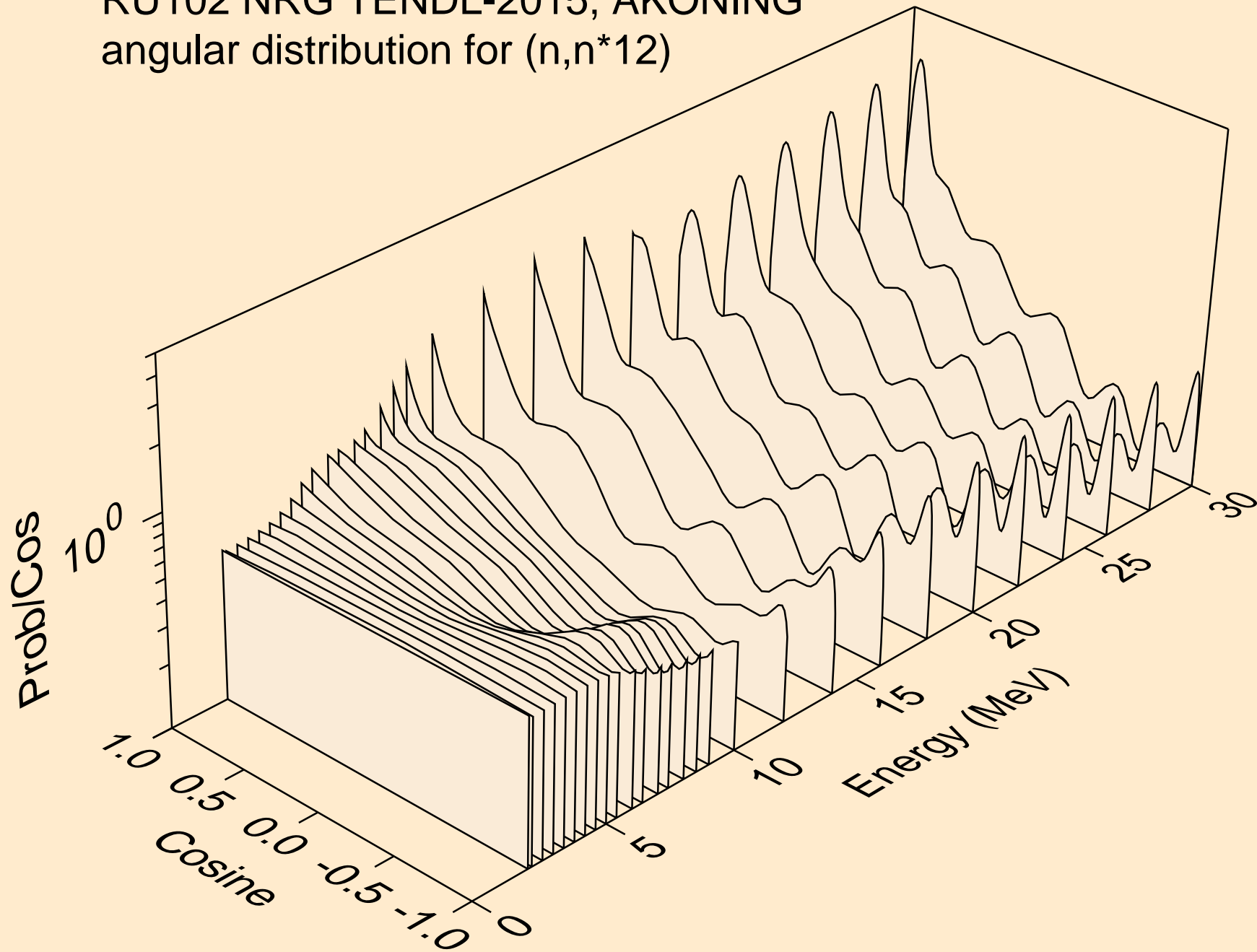
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



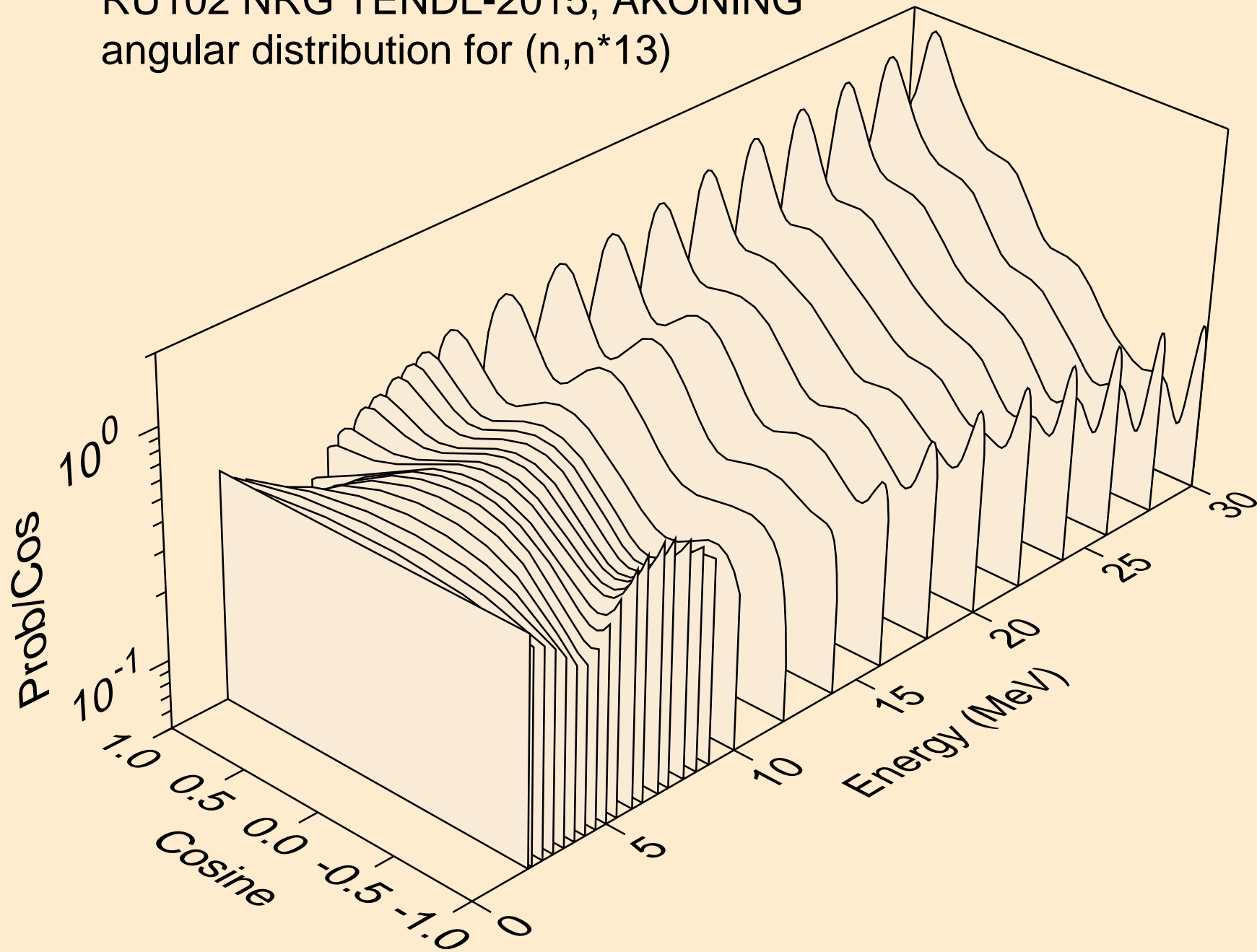
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angular distribution for (n,n\*11)



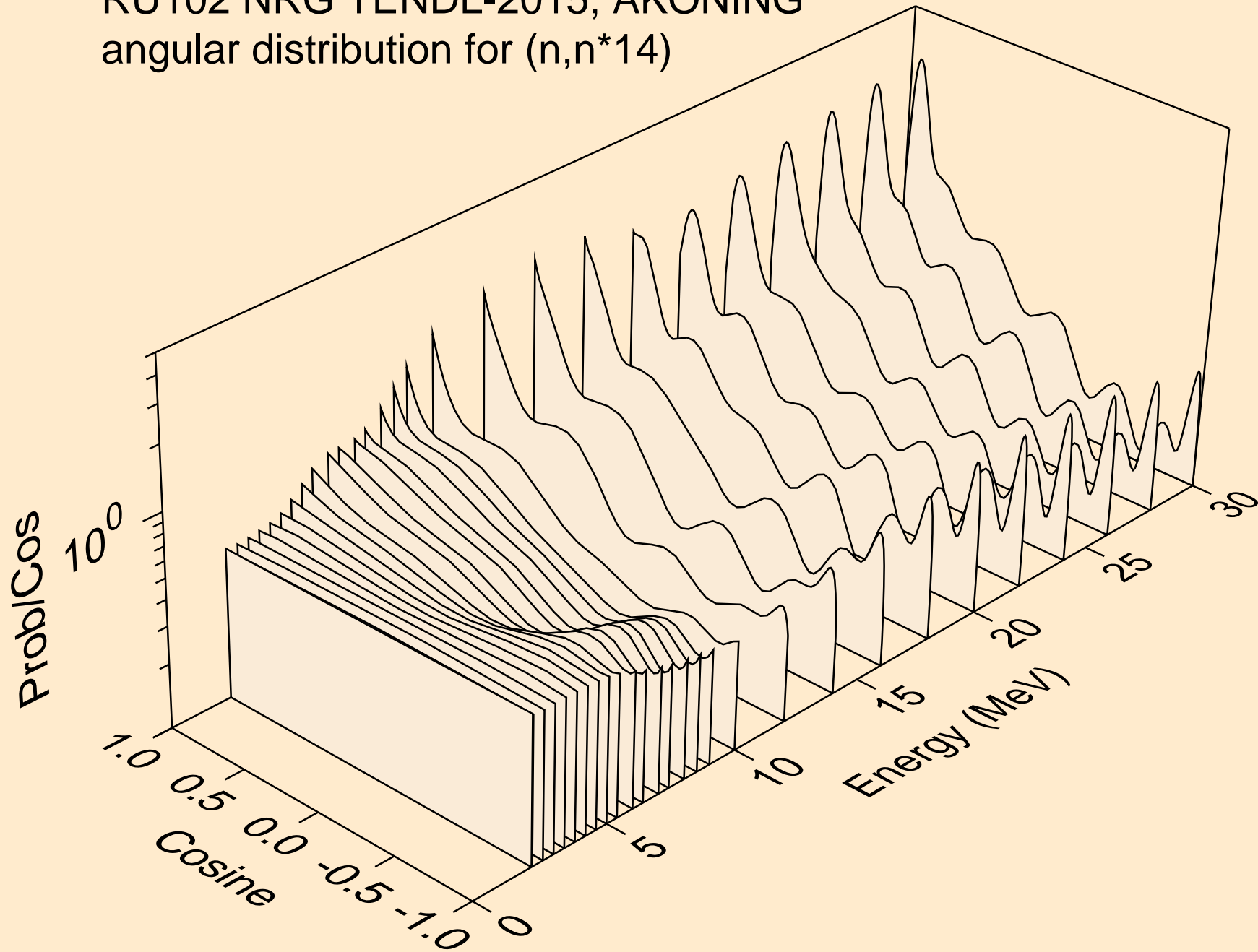
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angular distribution for (n,n\*12)



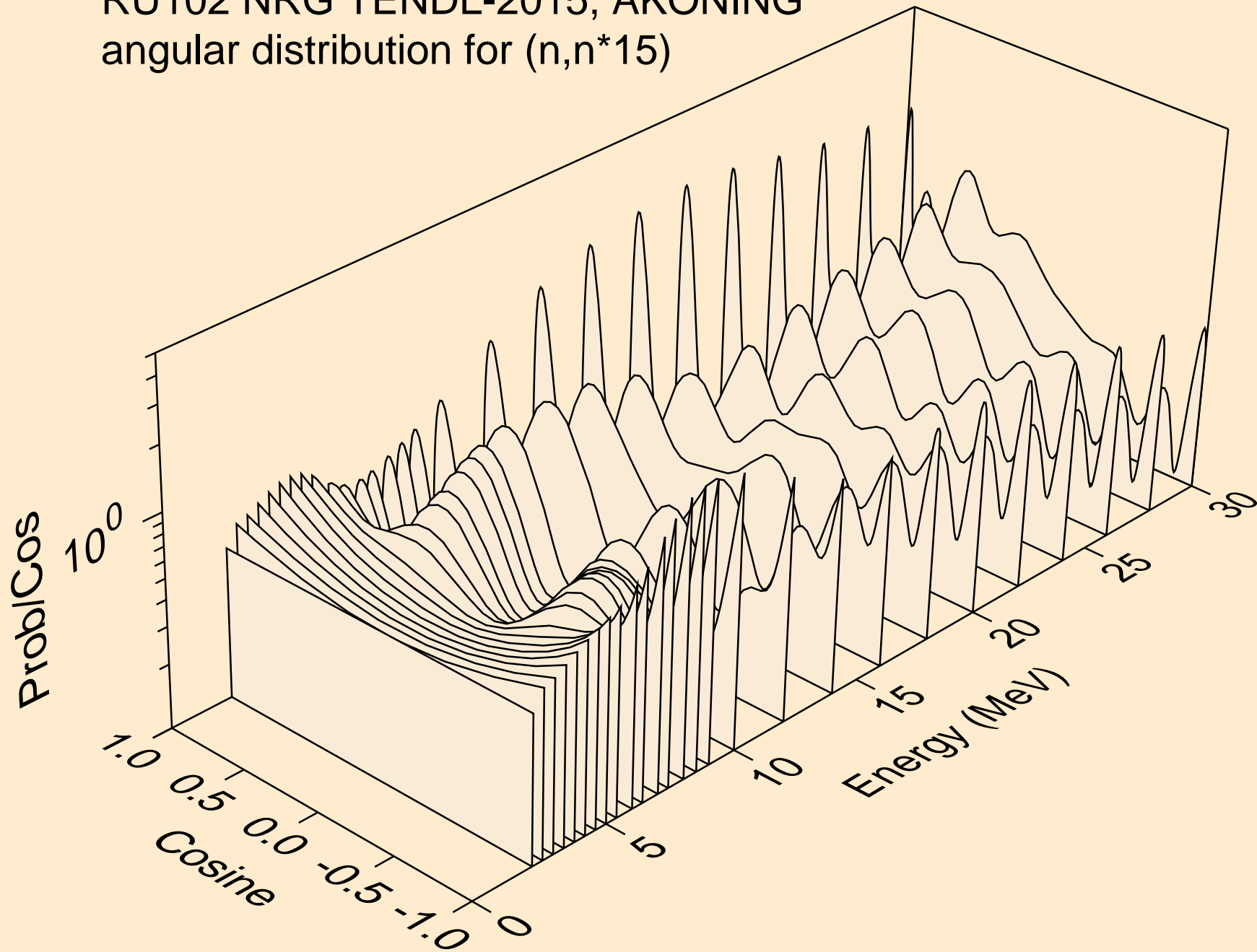
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angular distribution for (n,n\*13)



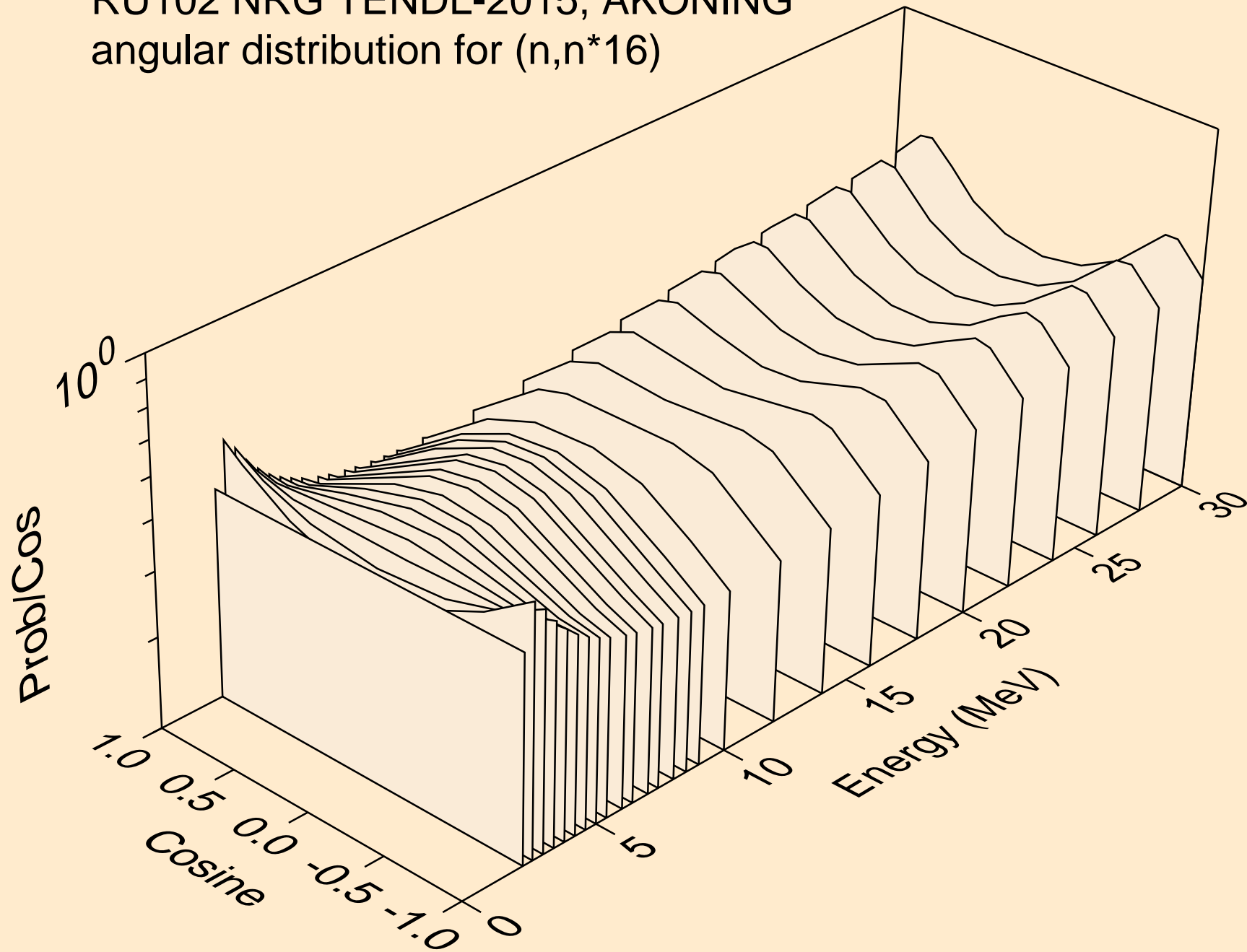
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angular distribution for (n,n\*14)



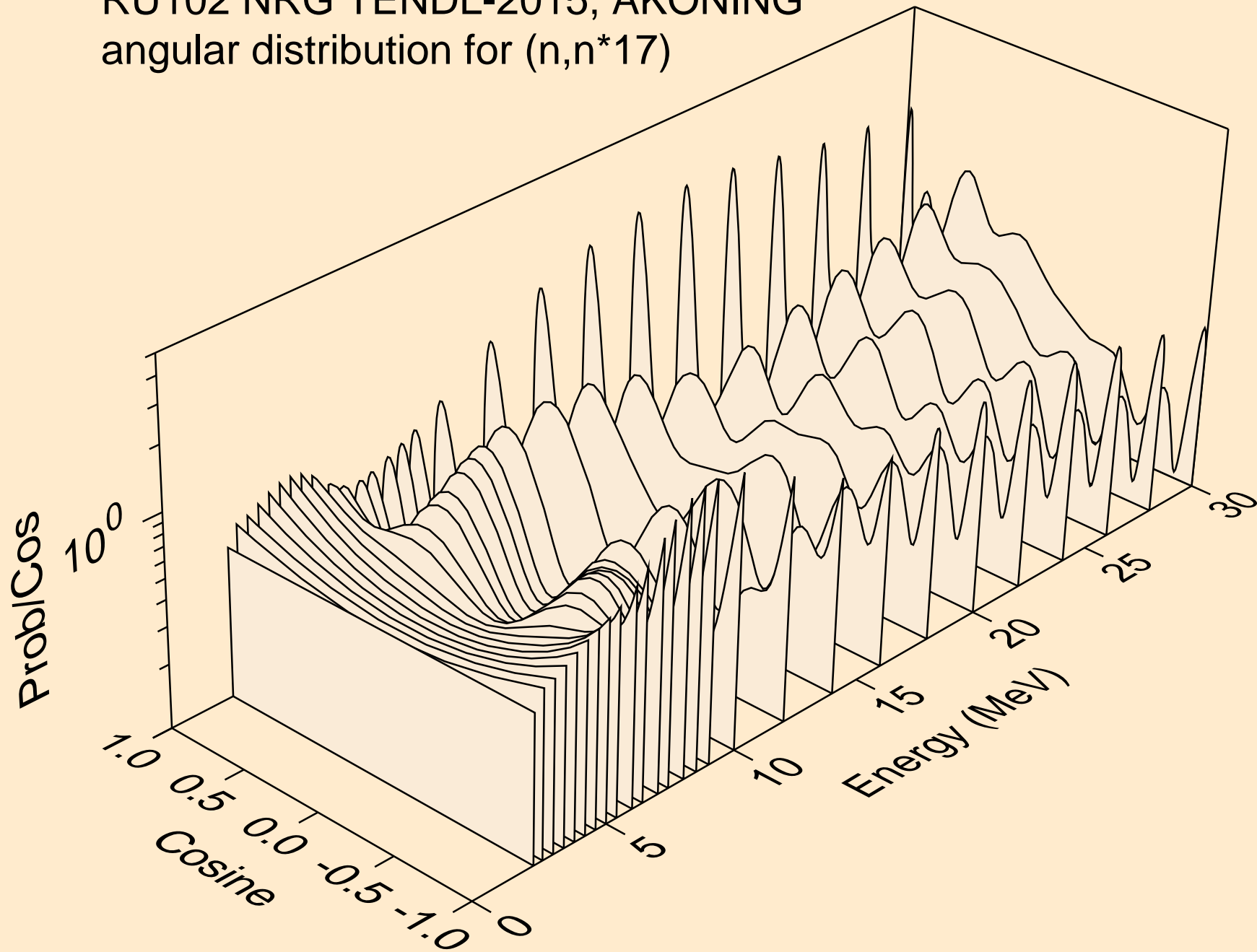
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



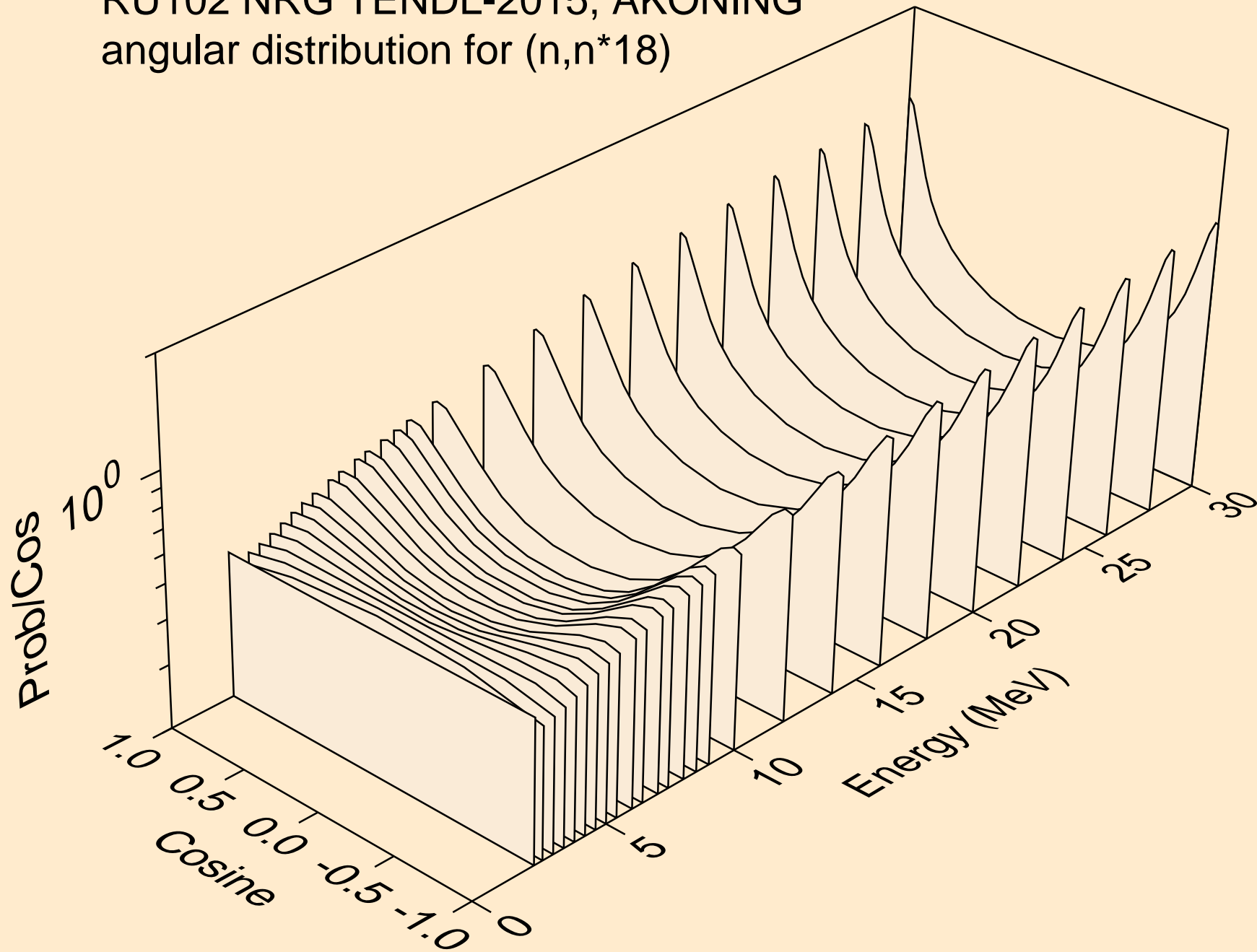
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



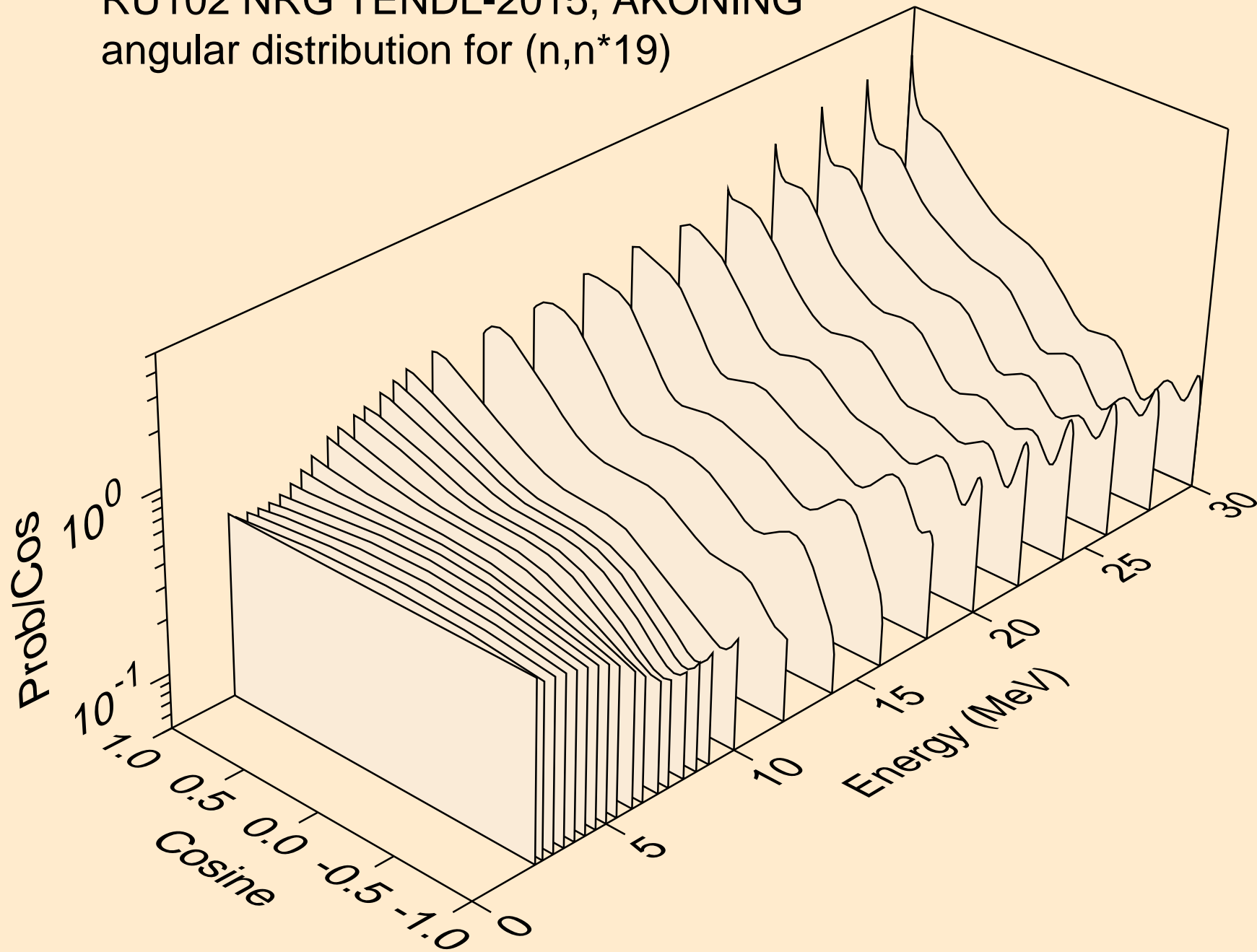
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



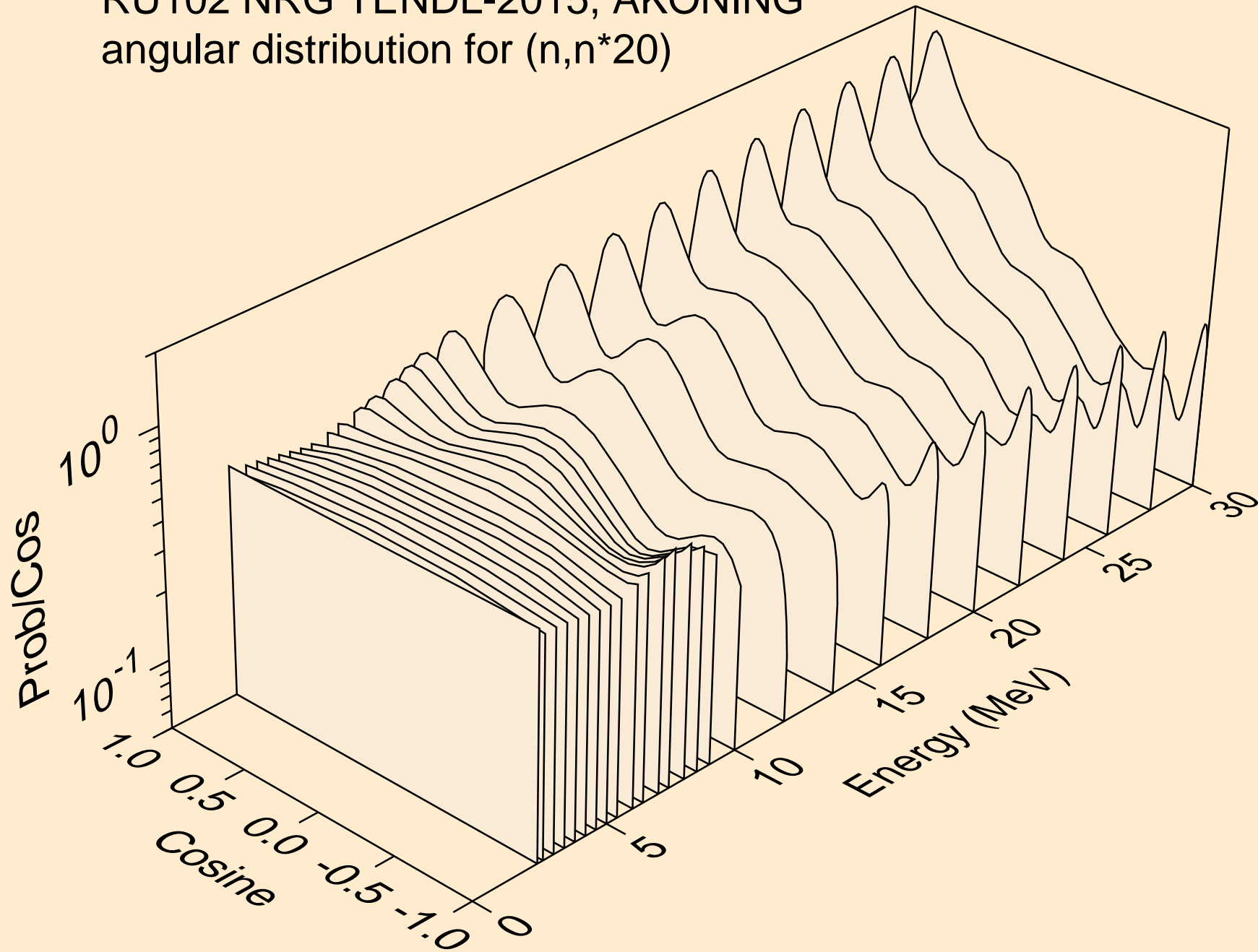
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



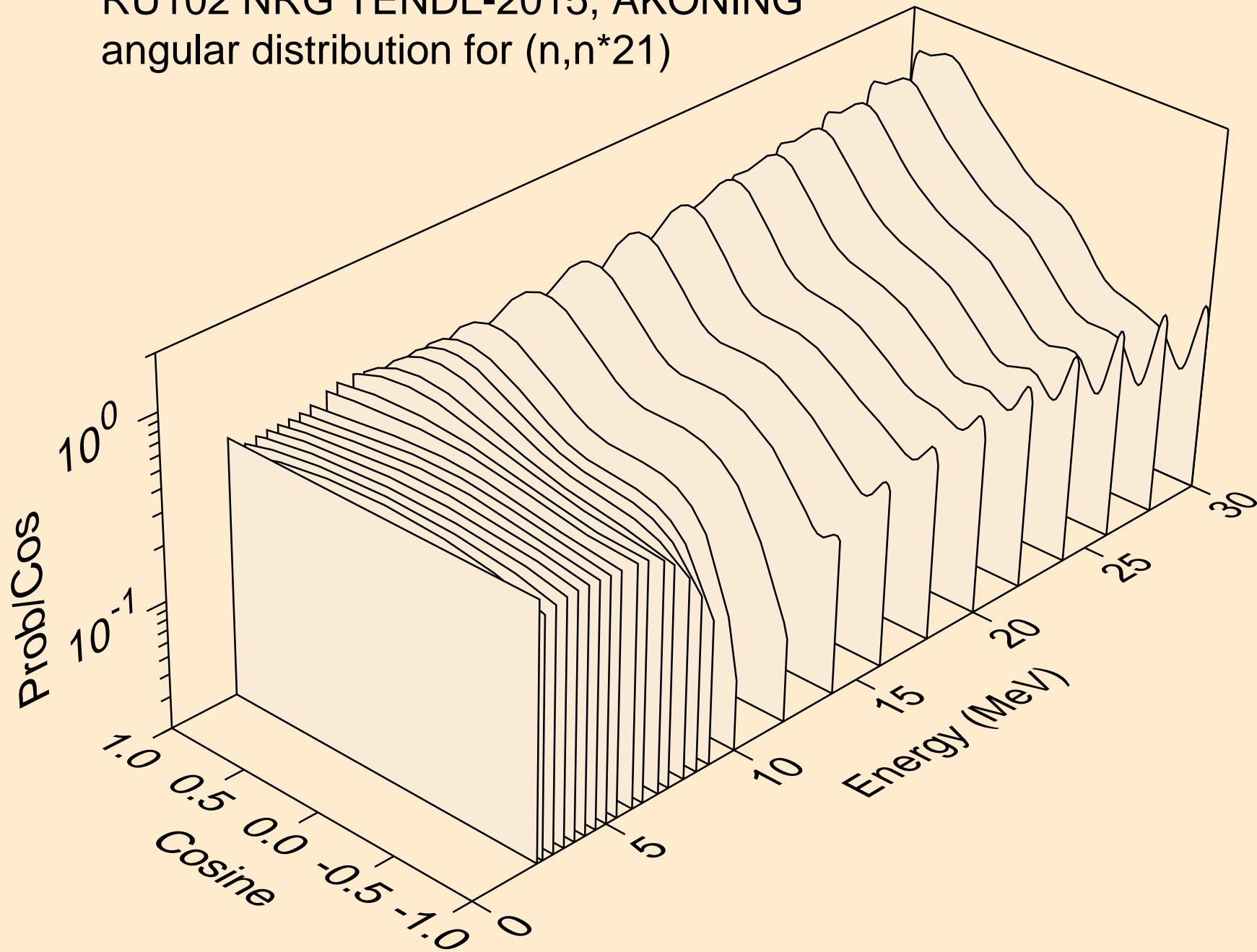
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angular distribution for (n,n\*19)



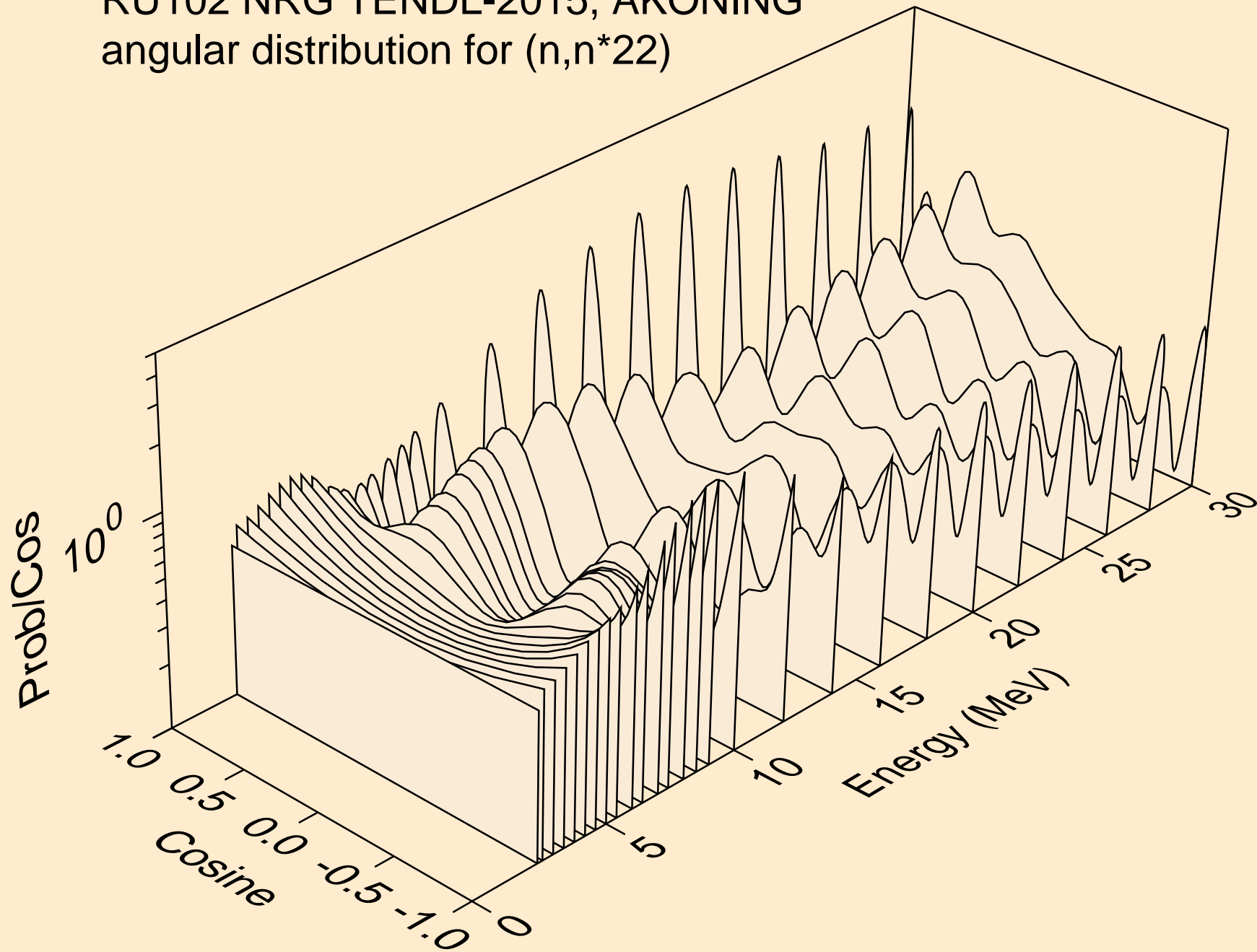
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angular distribution for (n,n\*20)



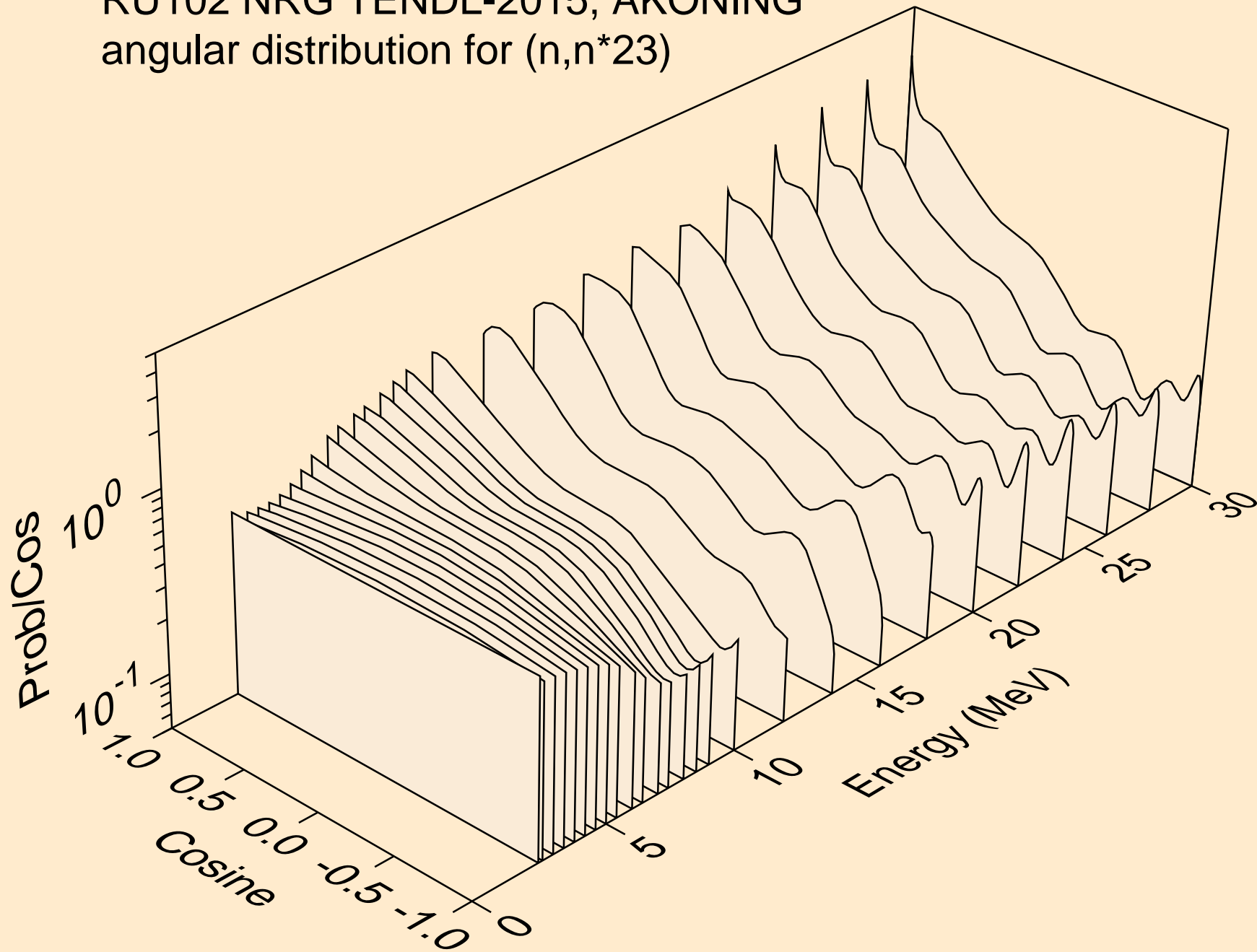
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



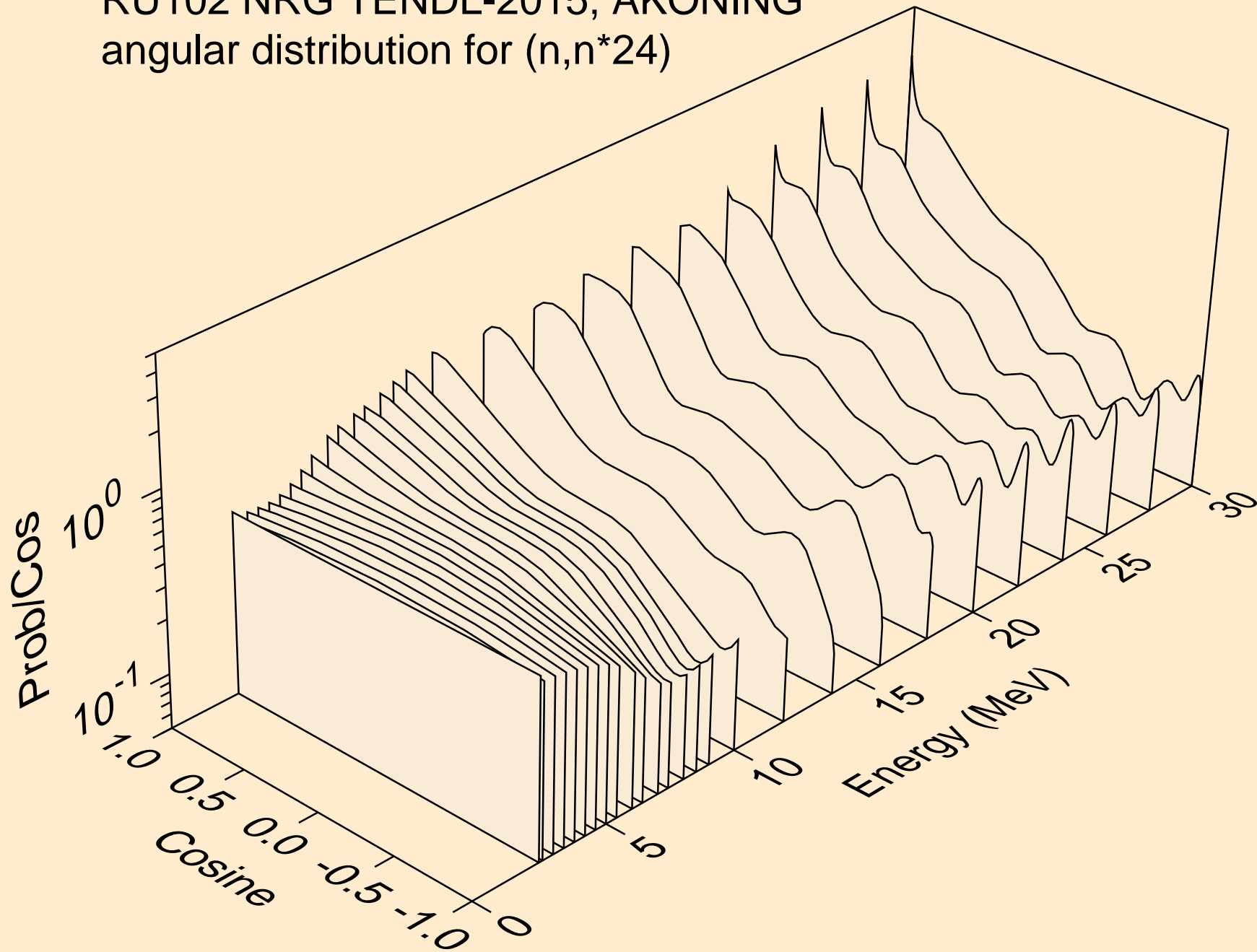
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



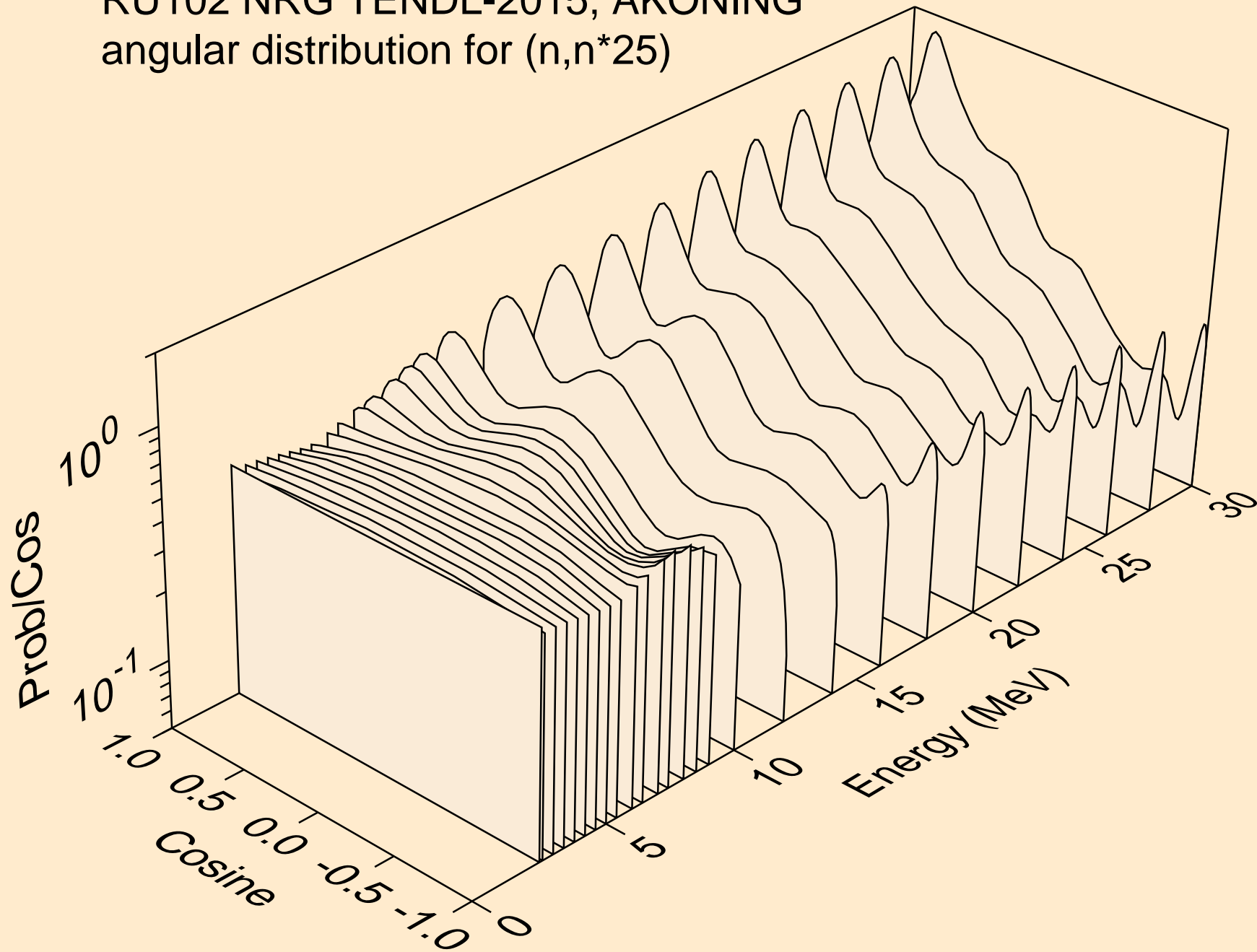
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



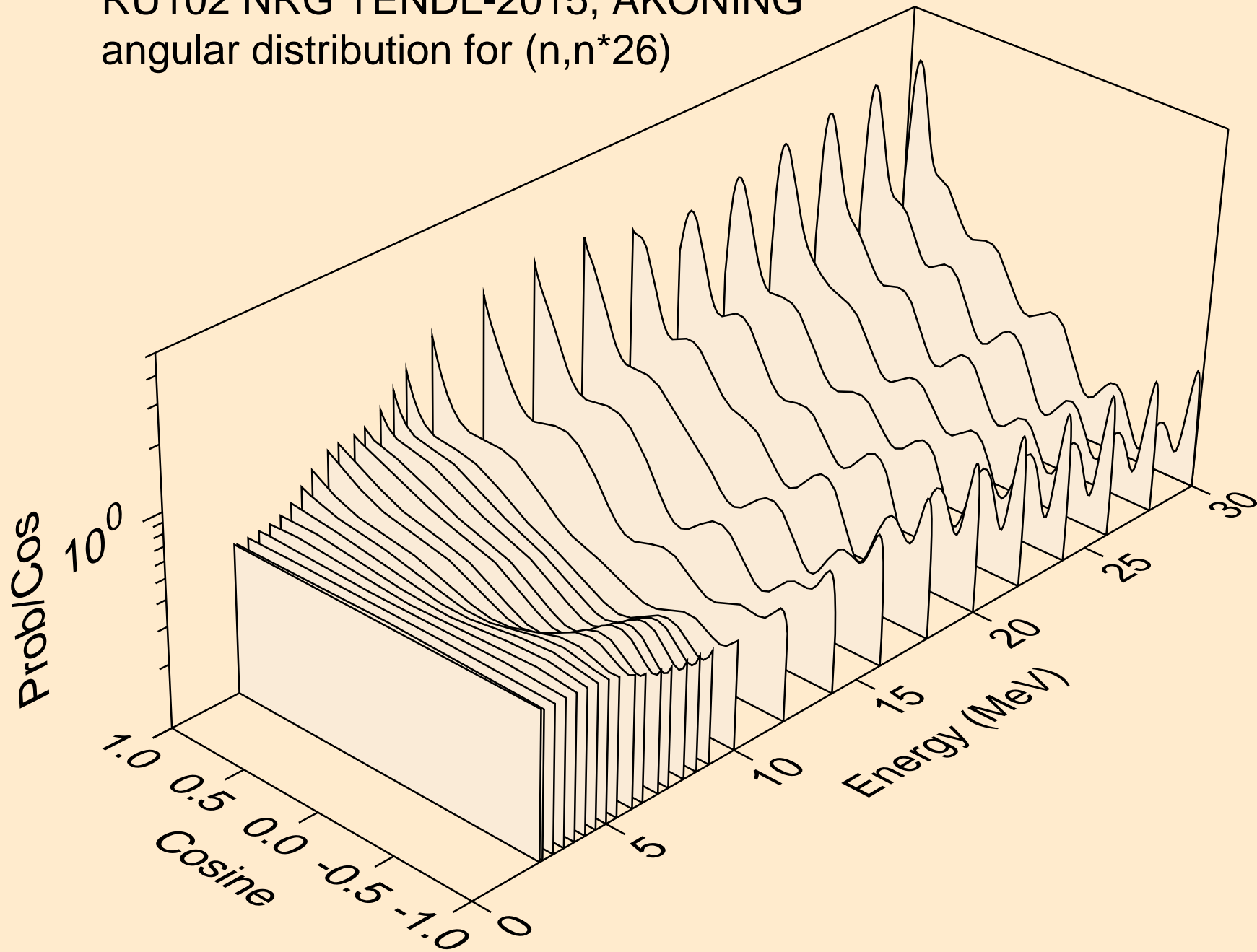
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



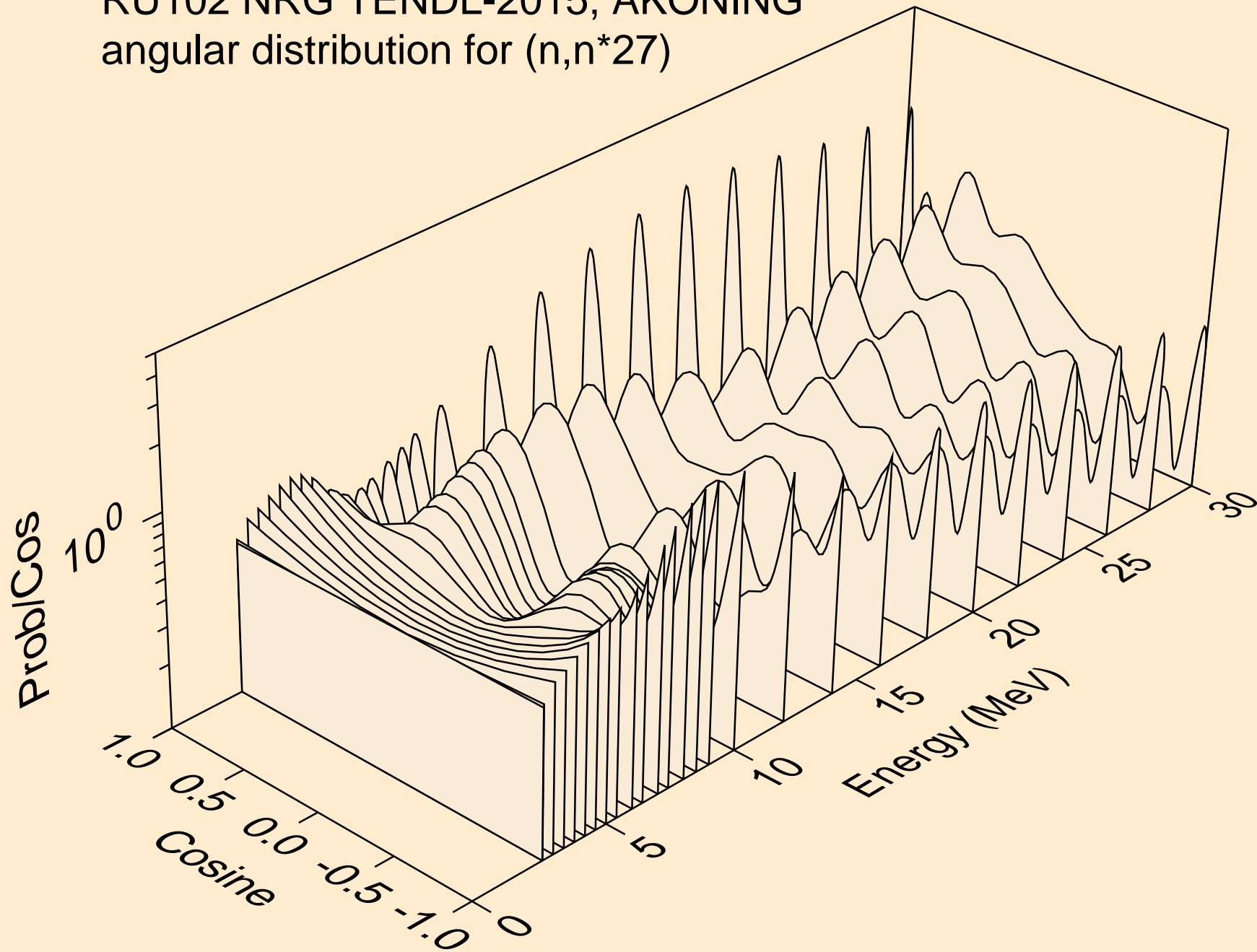
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



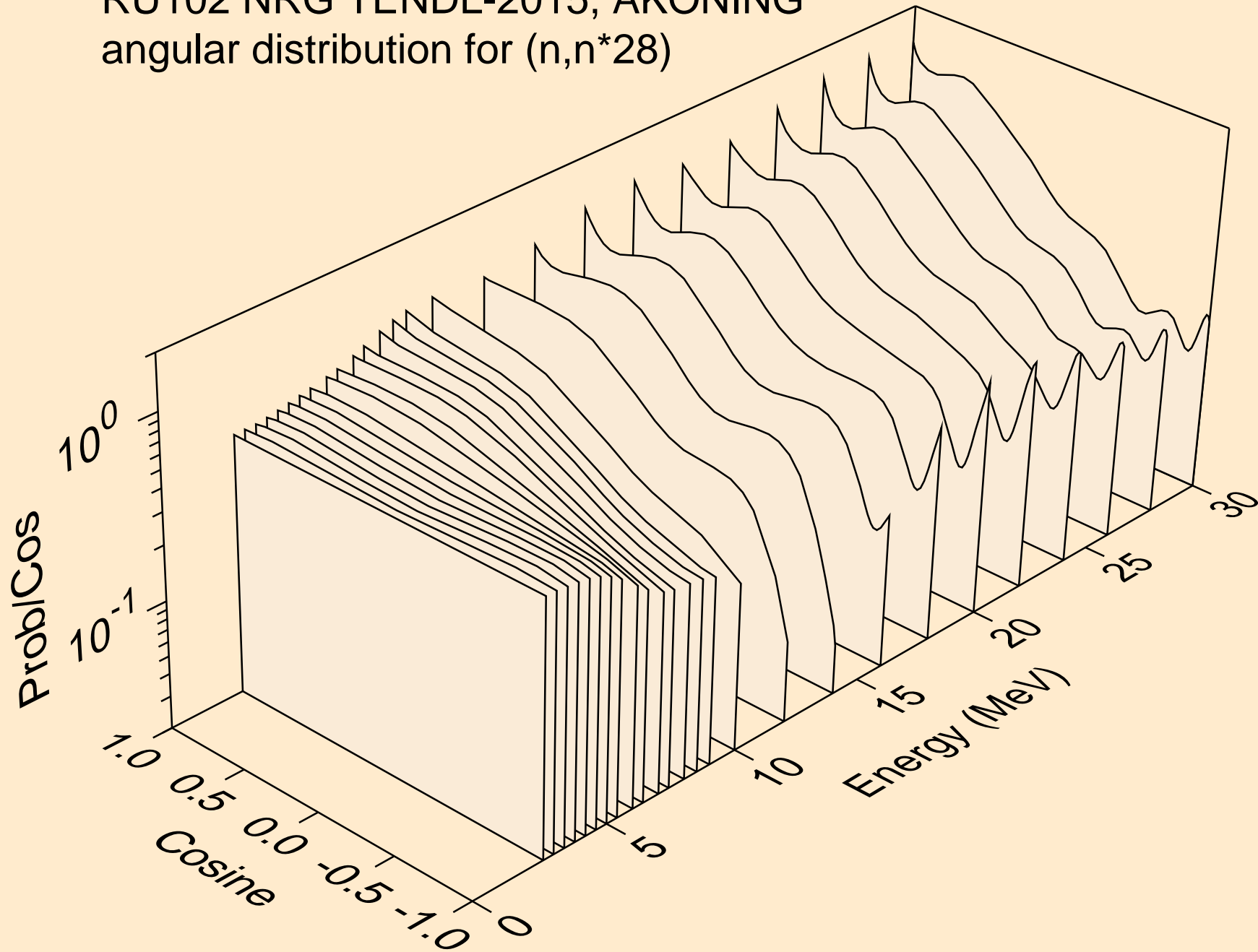
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



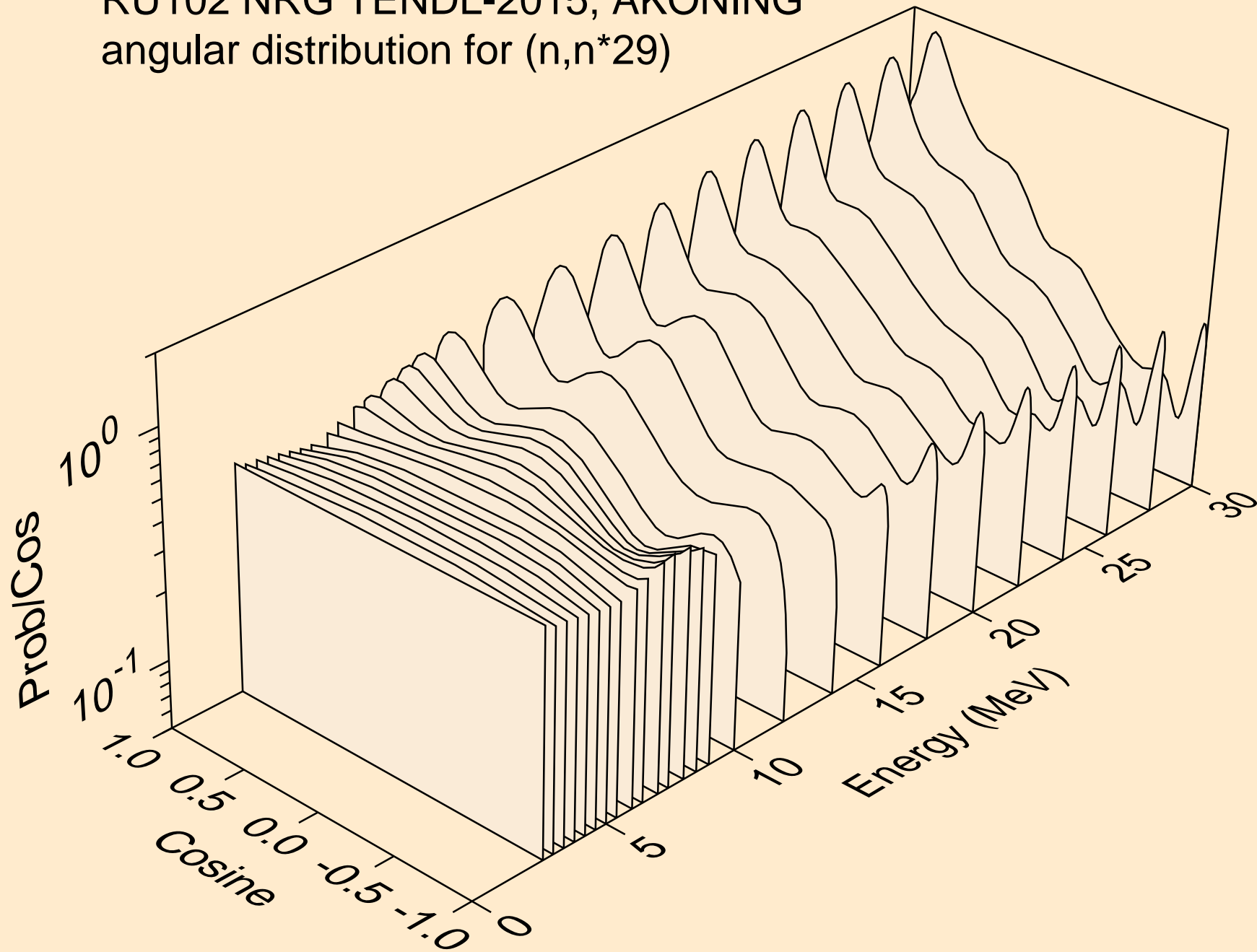
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



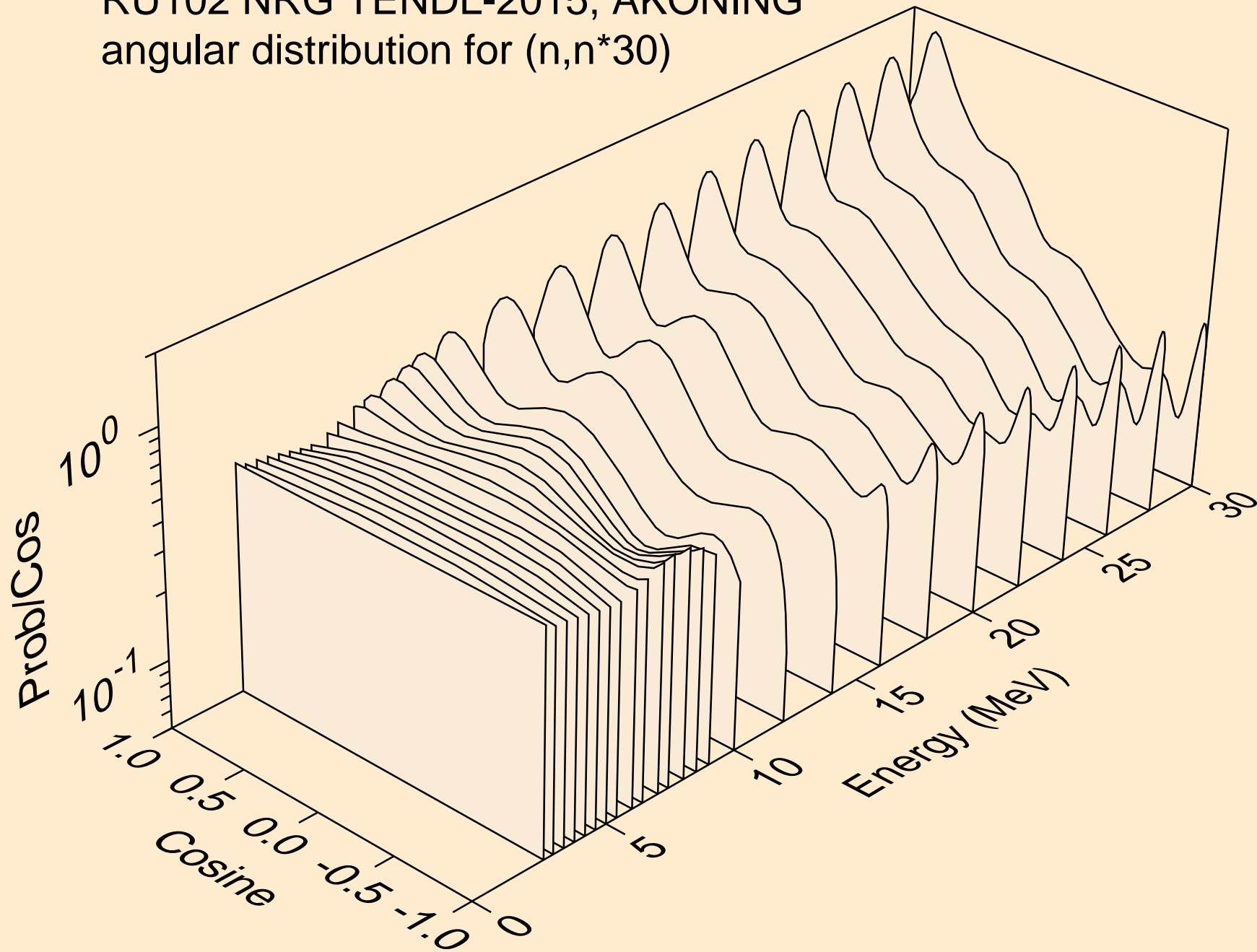
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



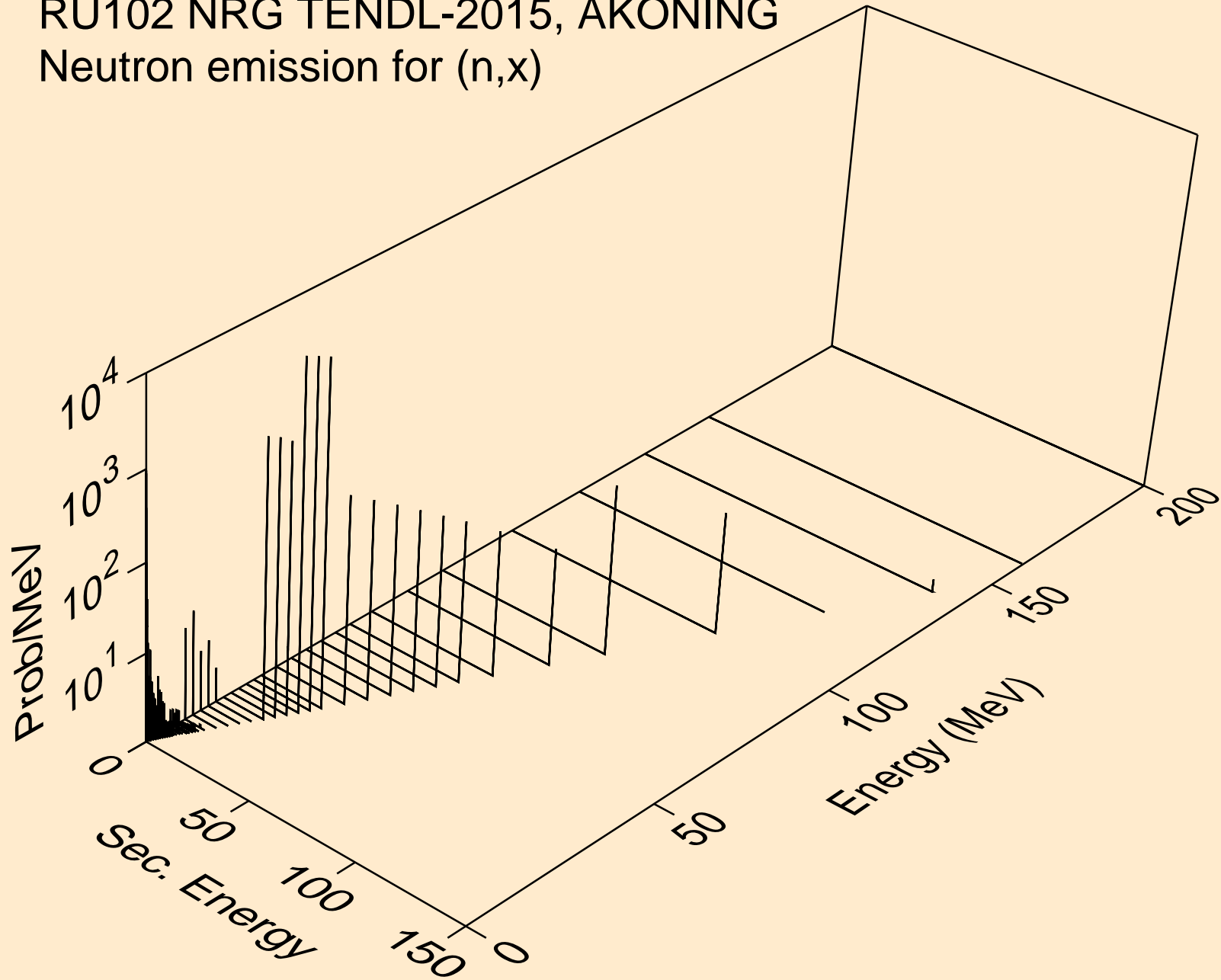
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



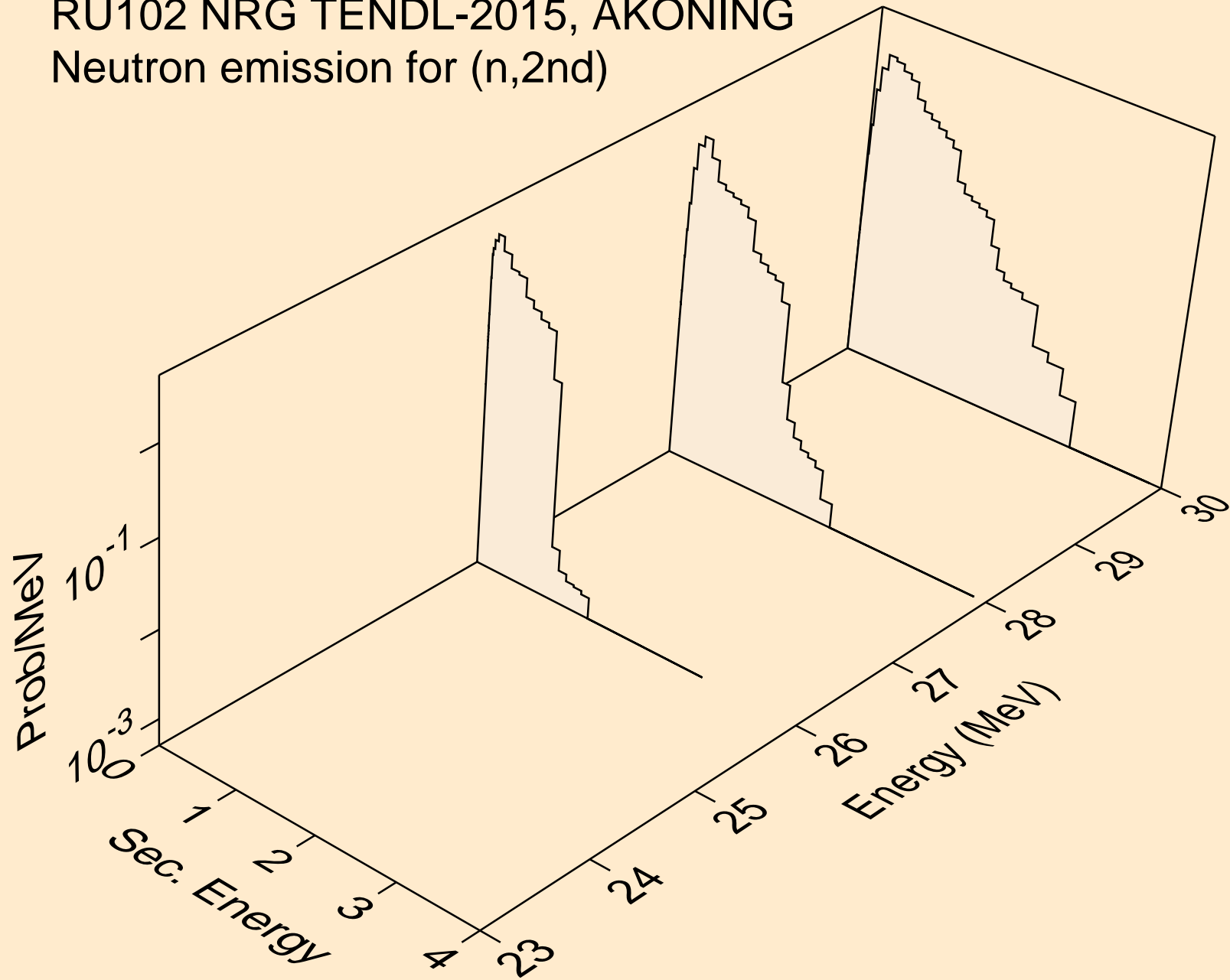
RU102 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



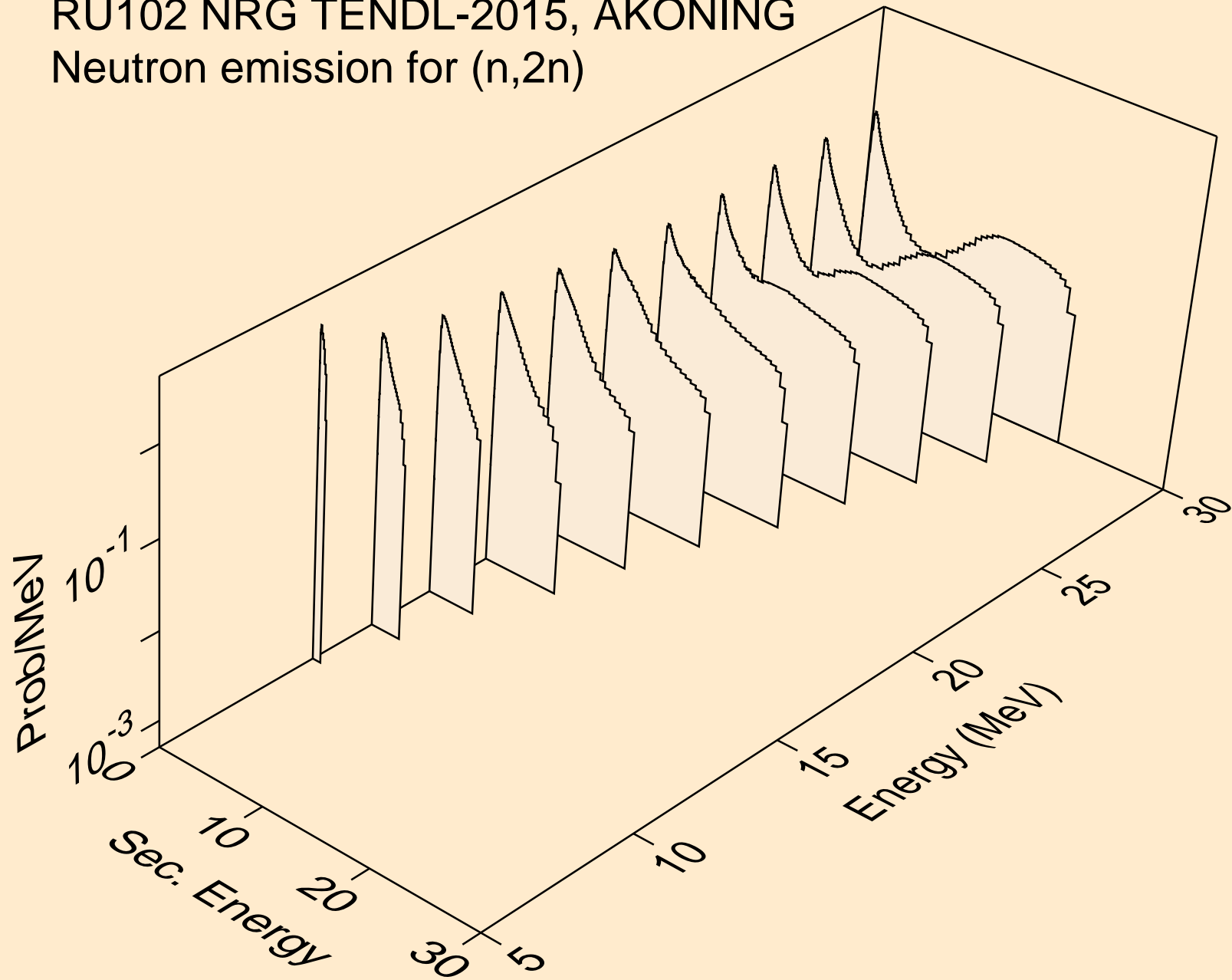
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



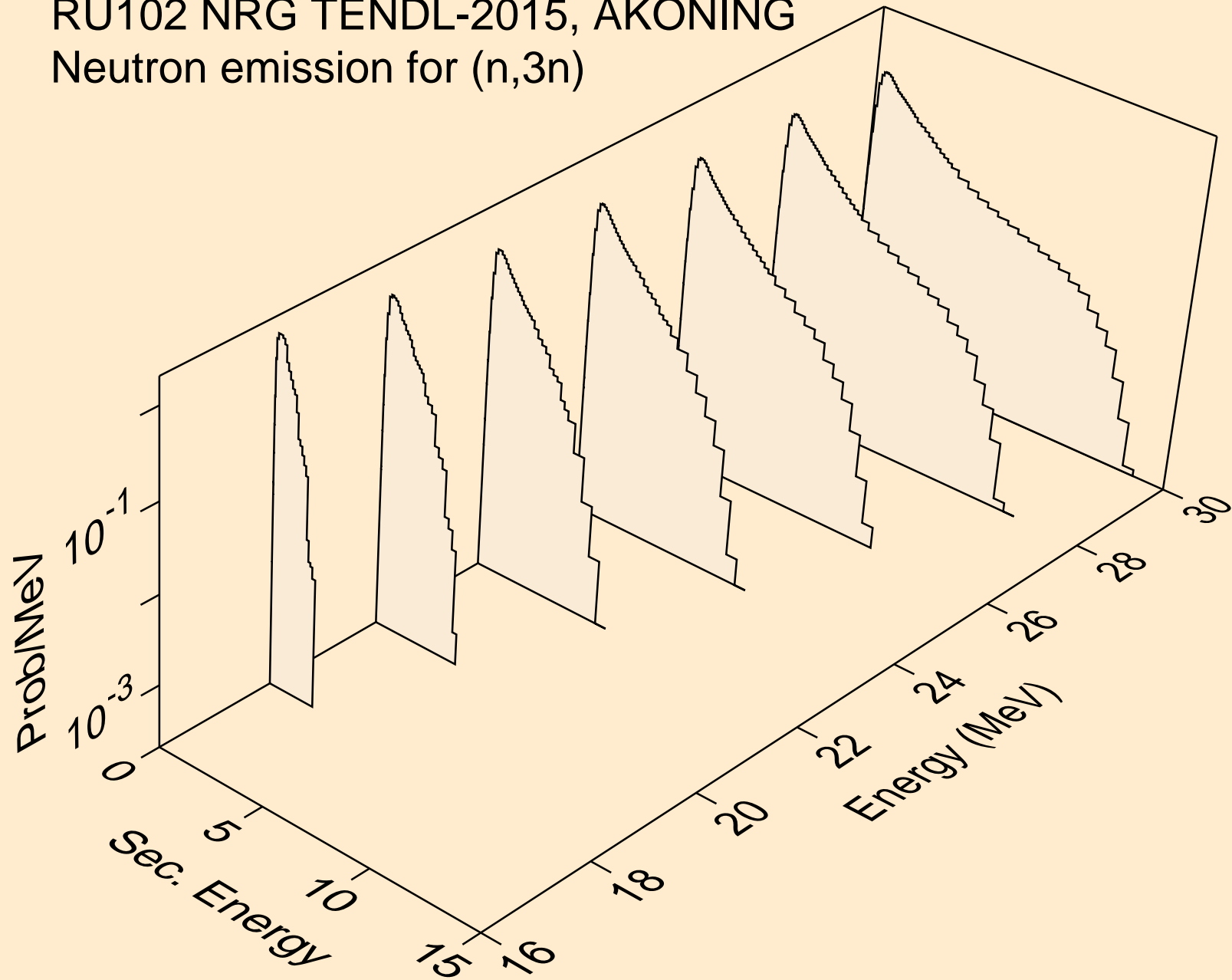
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



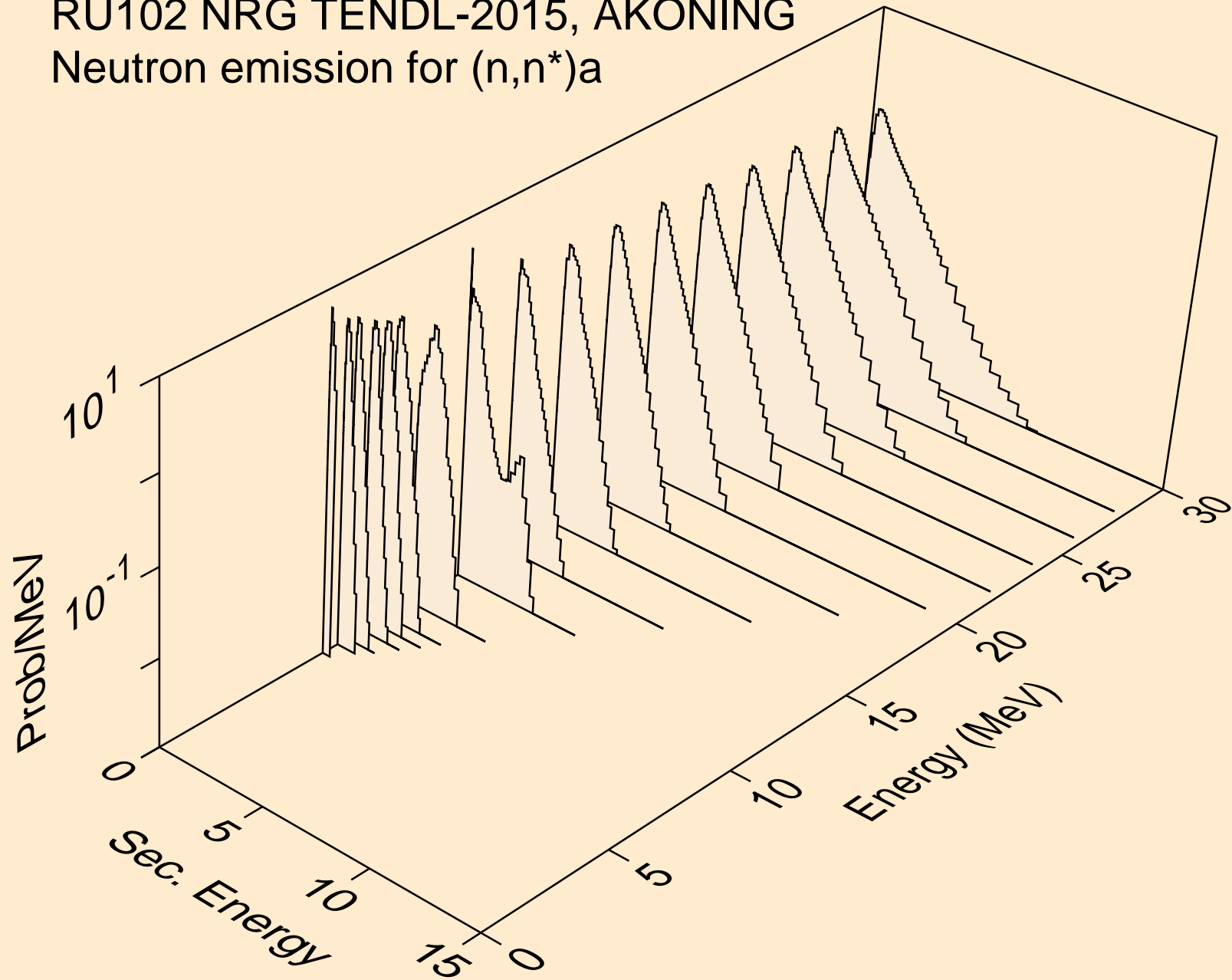
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



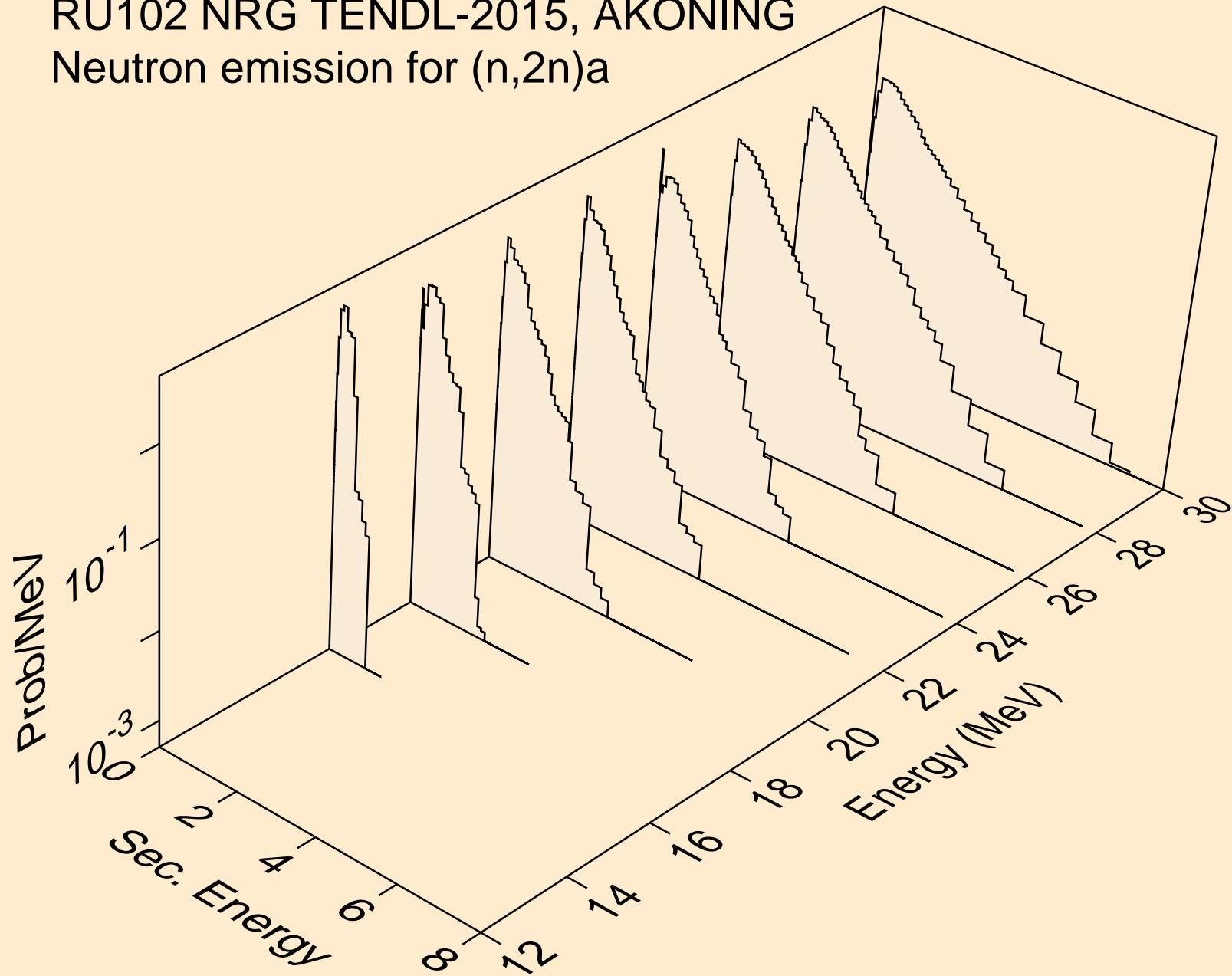
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



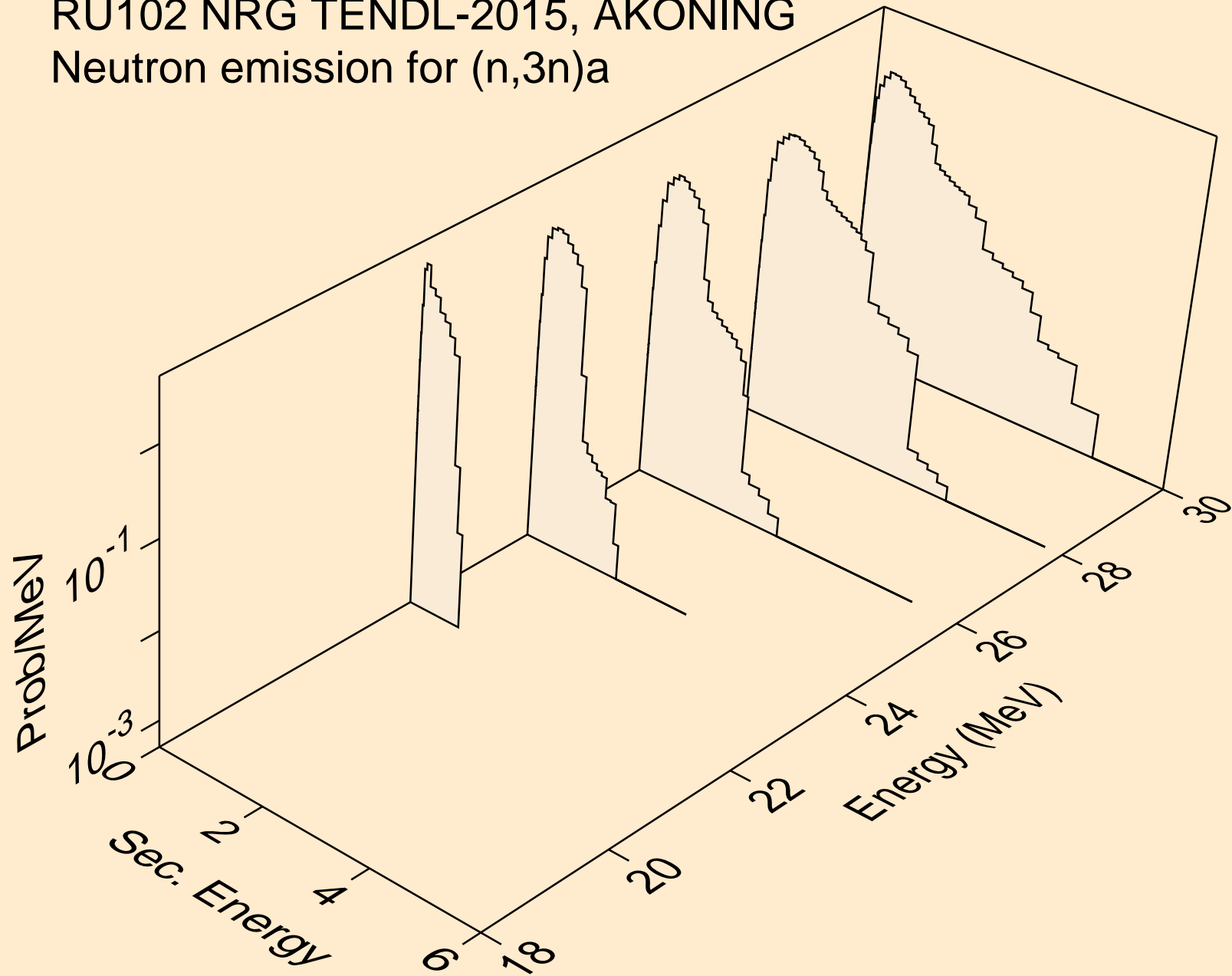
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



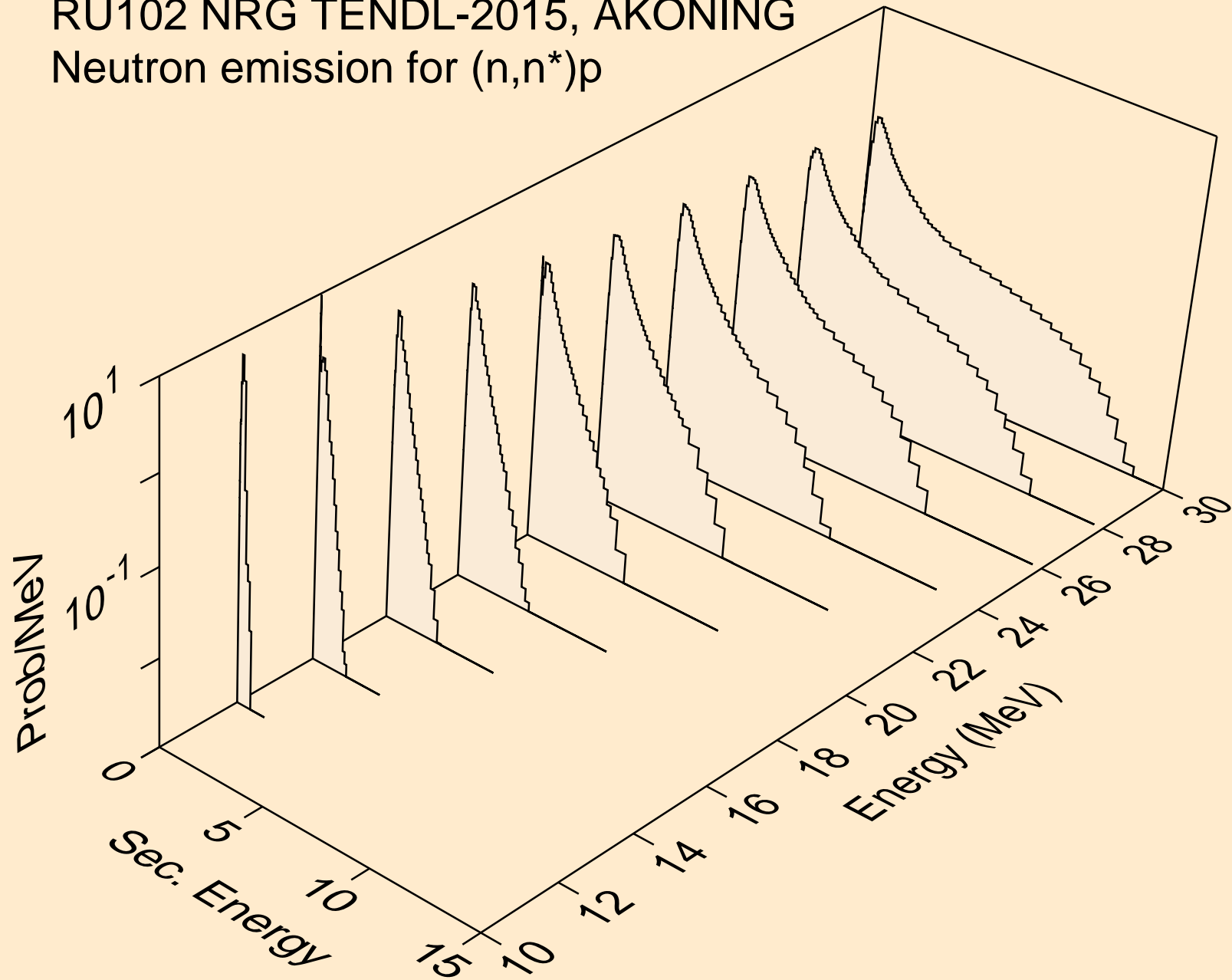
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



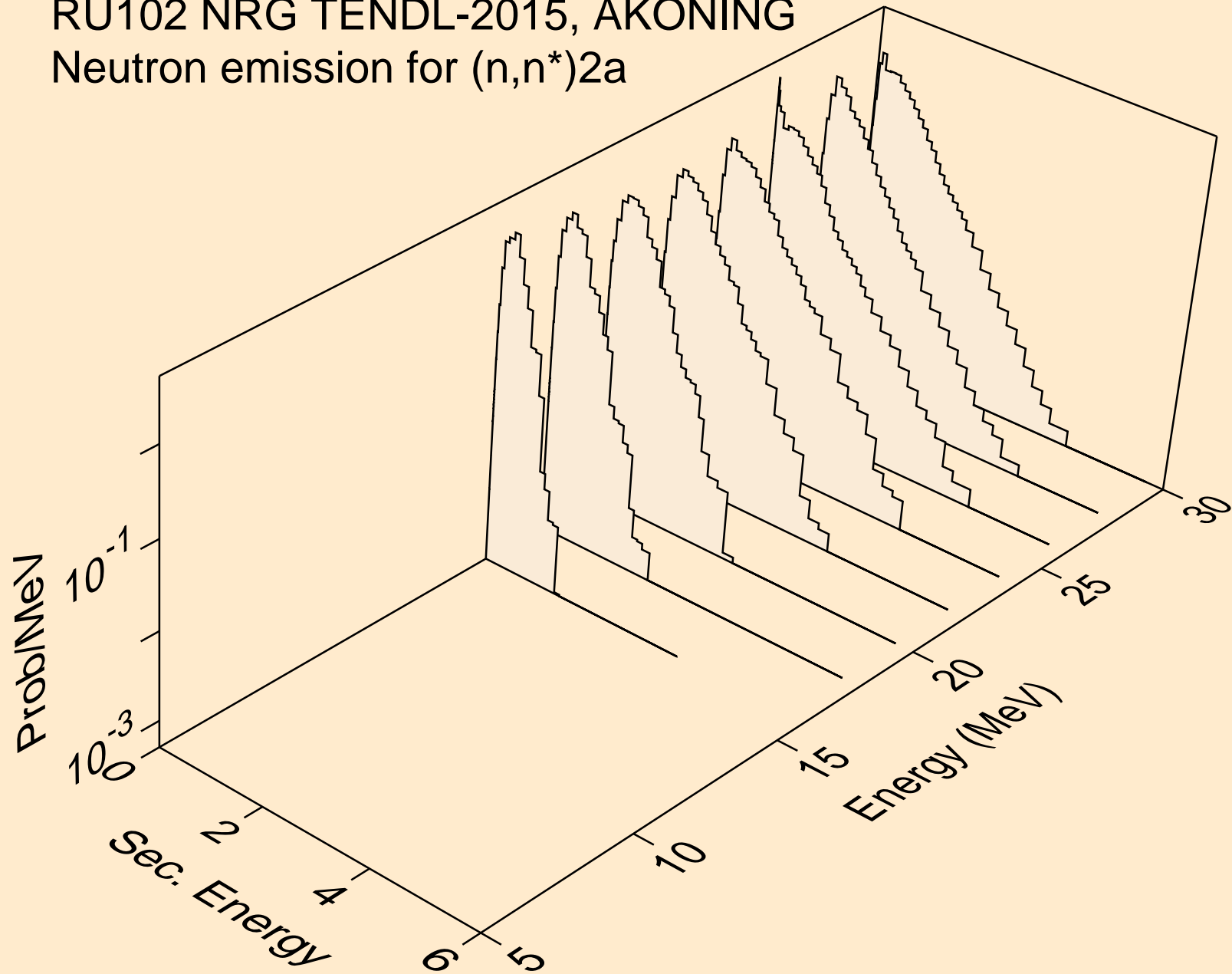
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



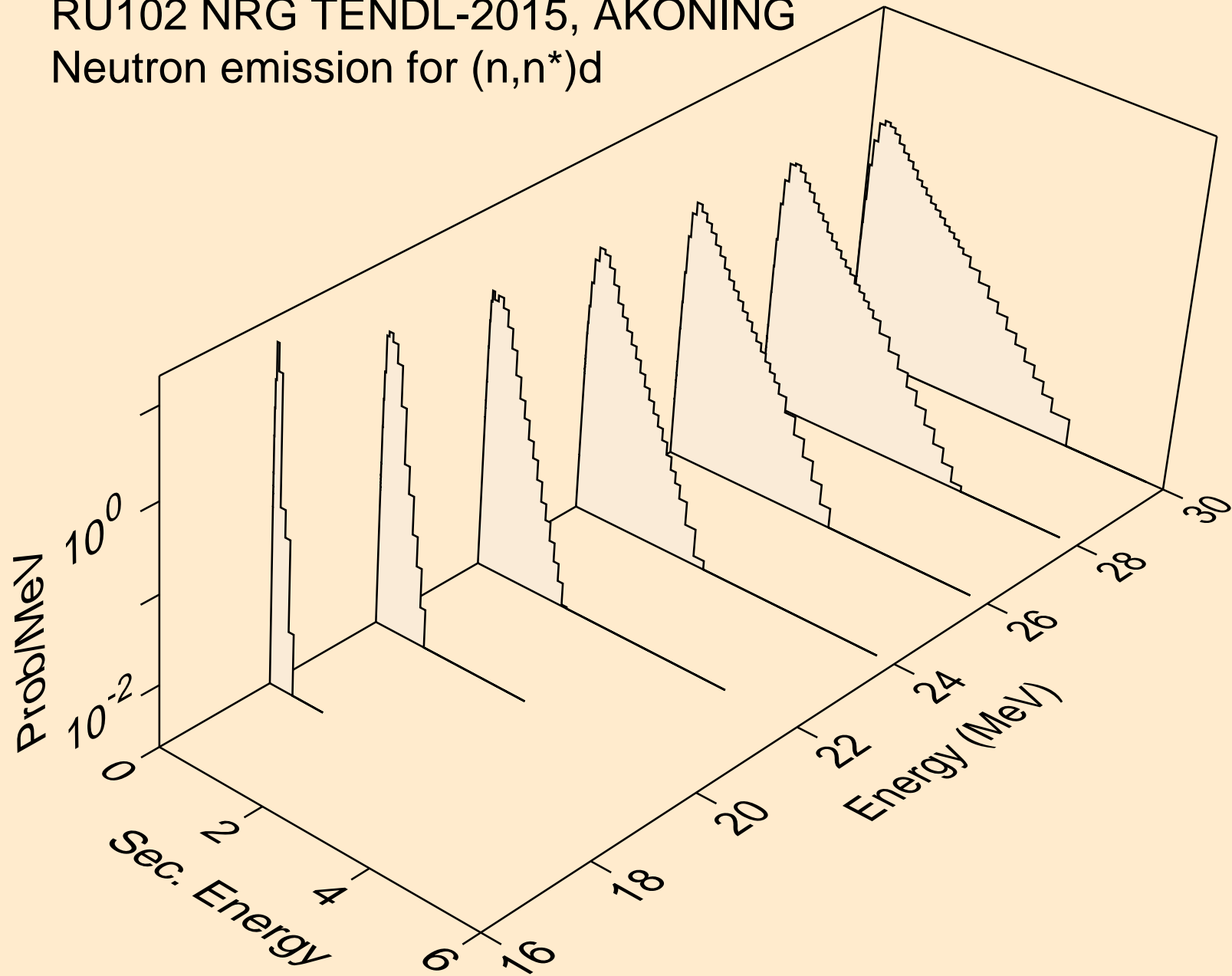
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



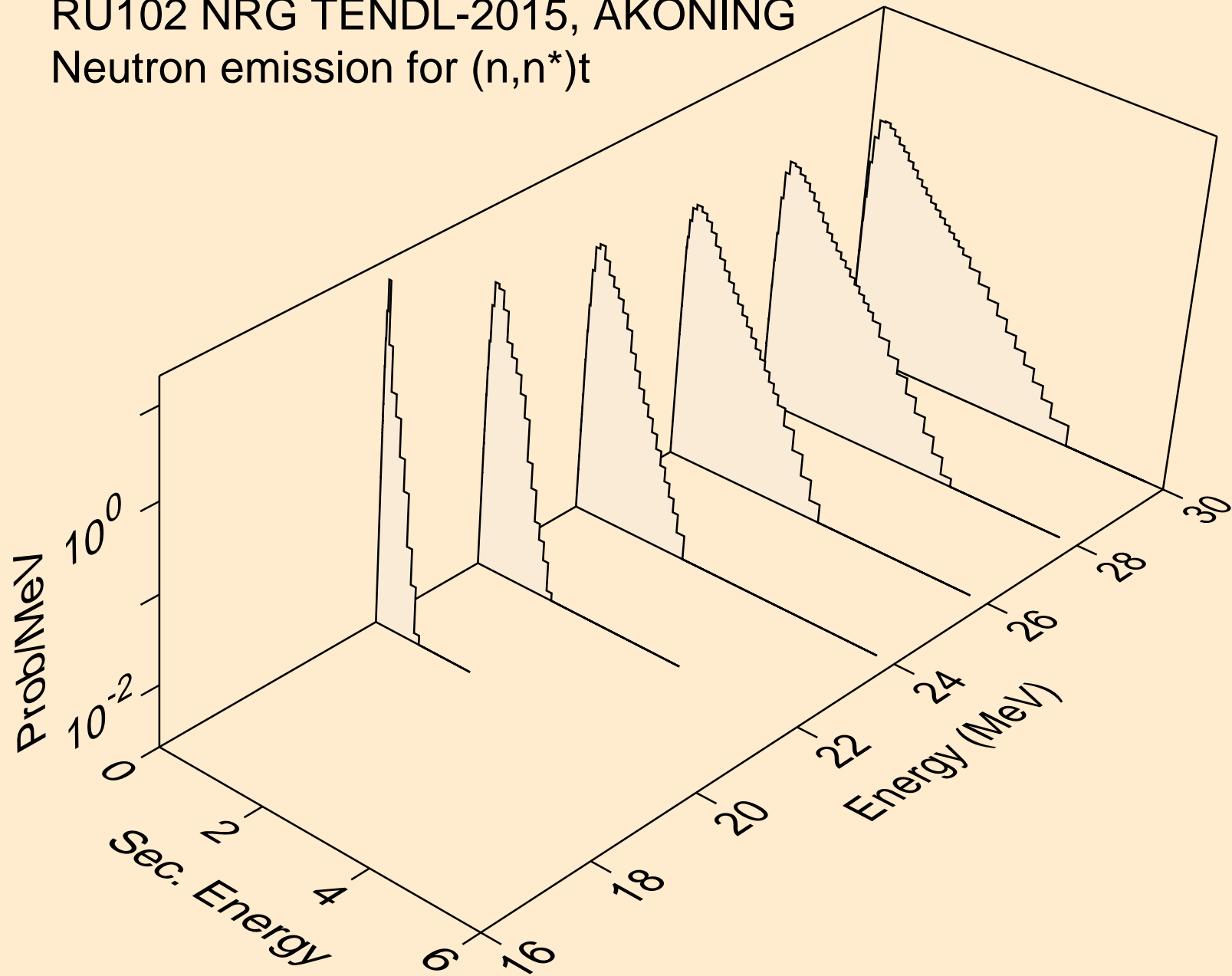
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



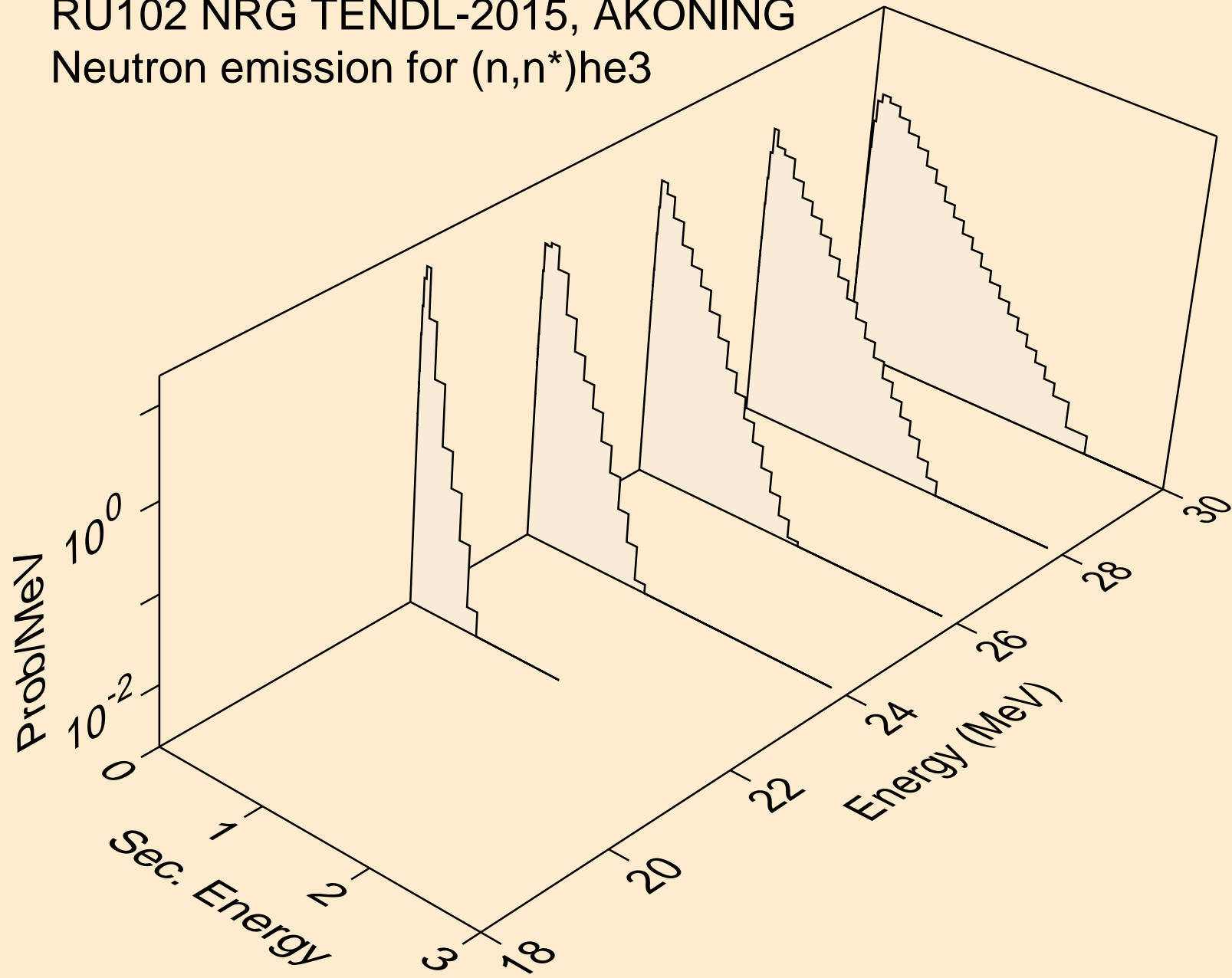
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



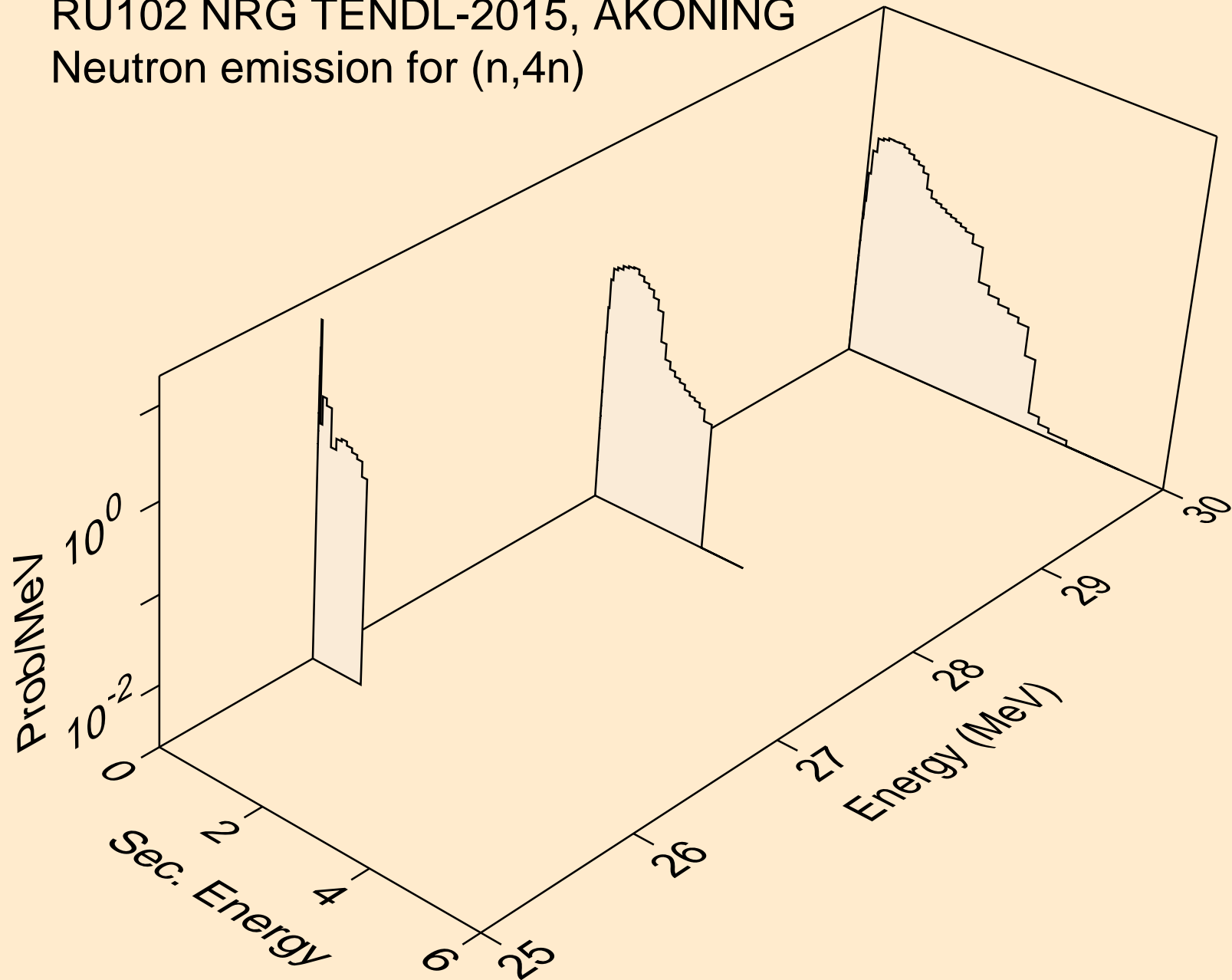
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



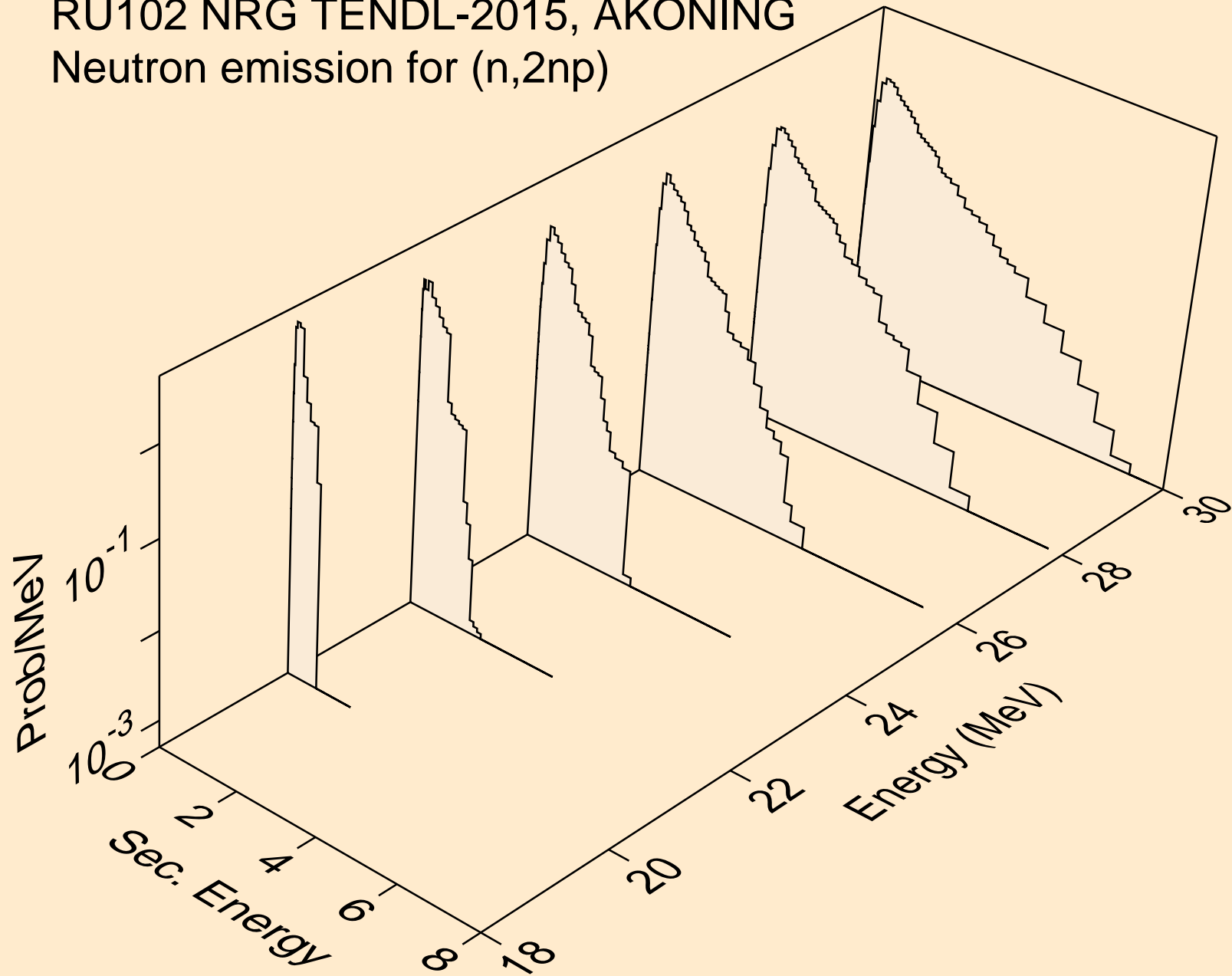
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



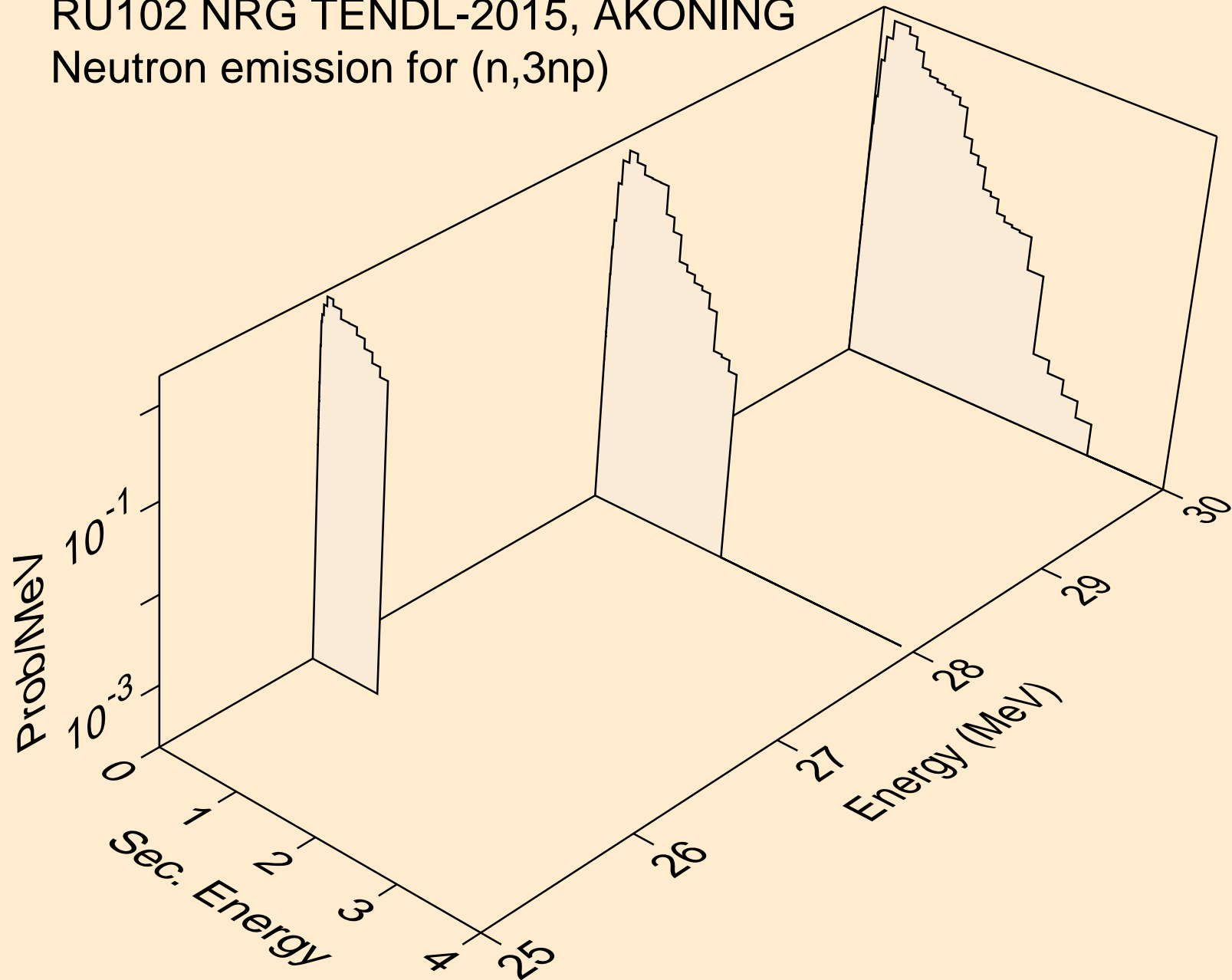
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



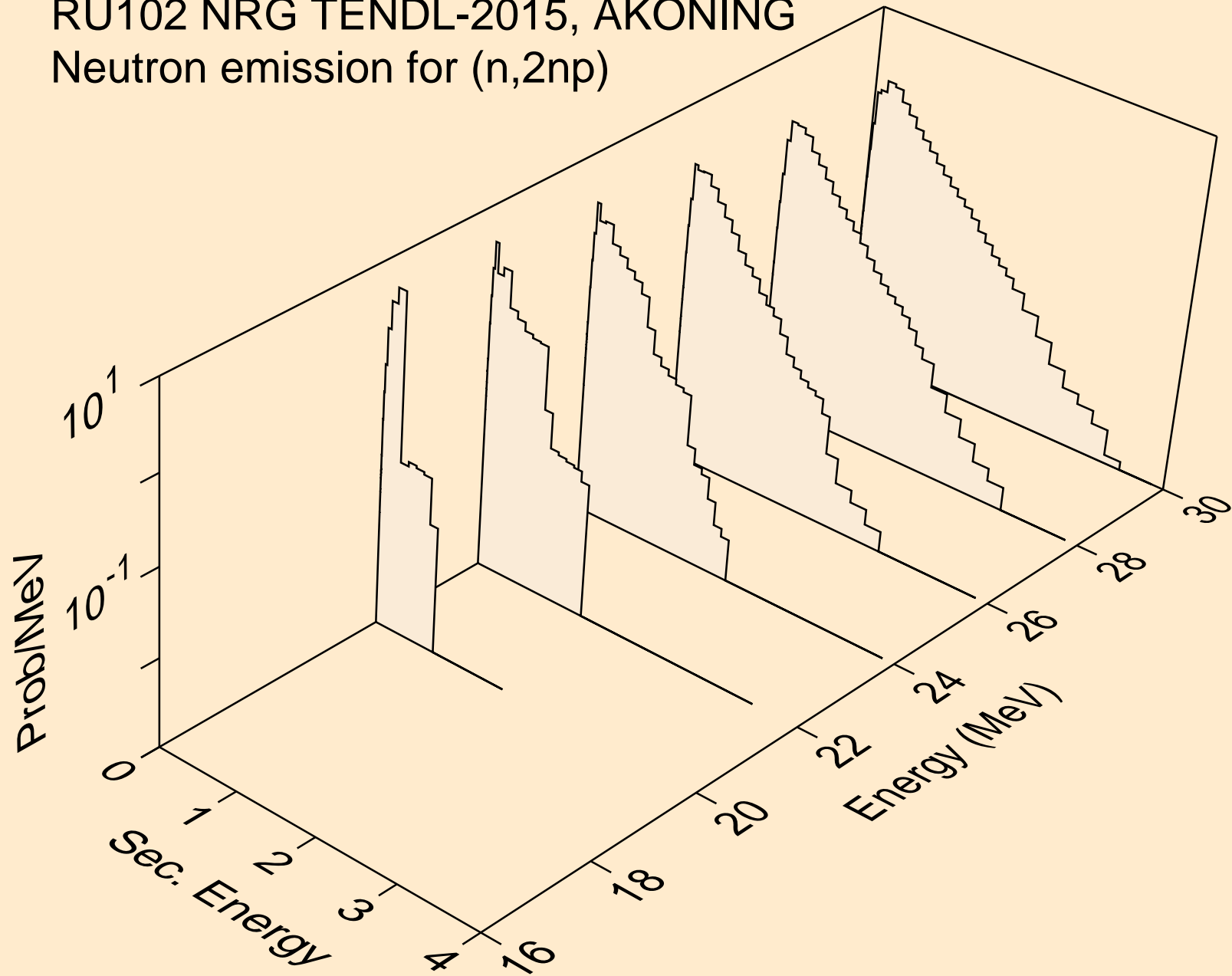
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



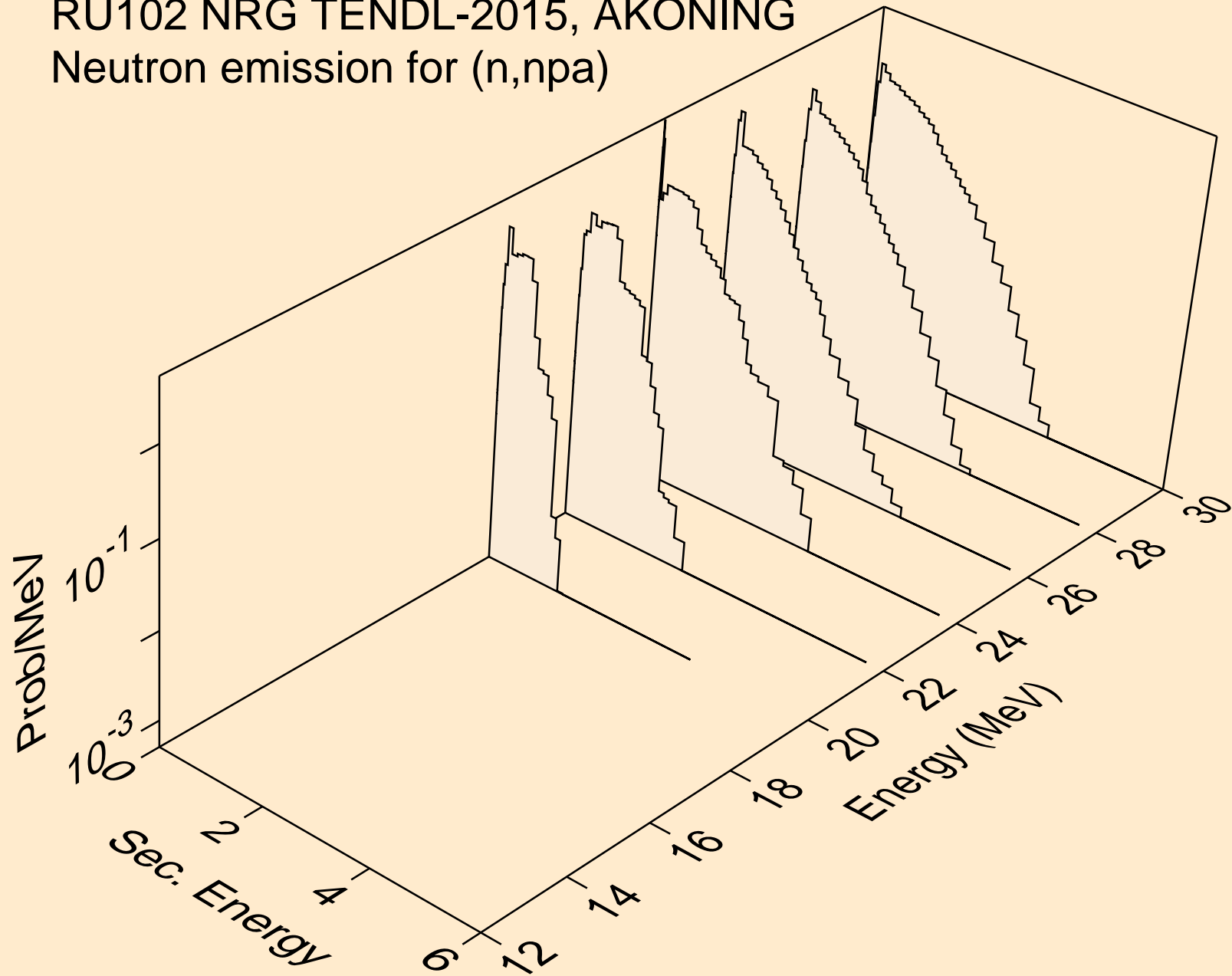
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



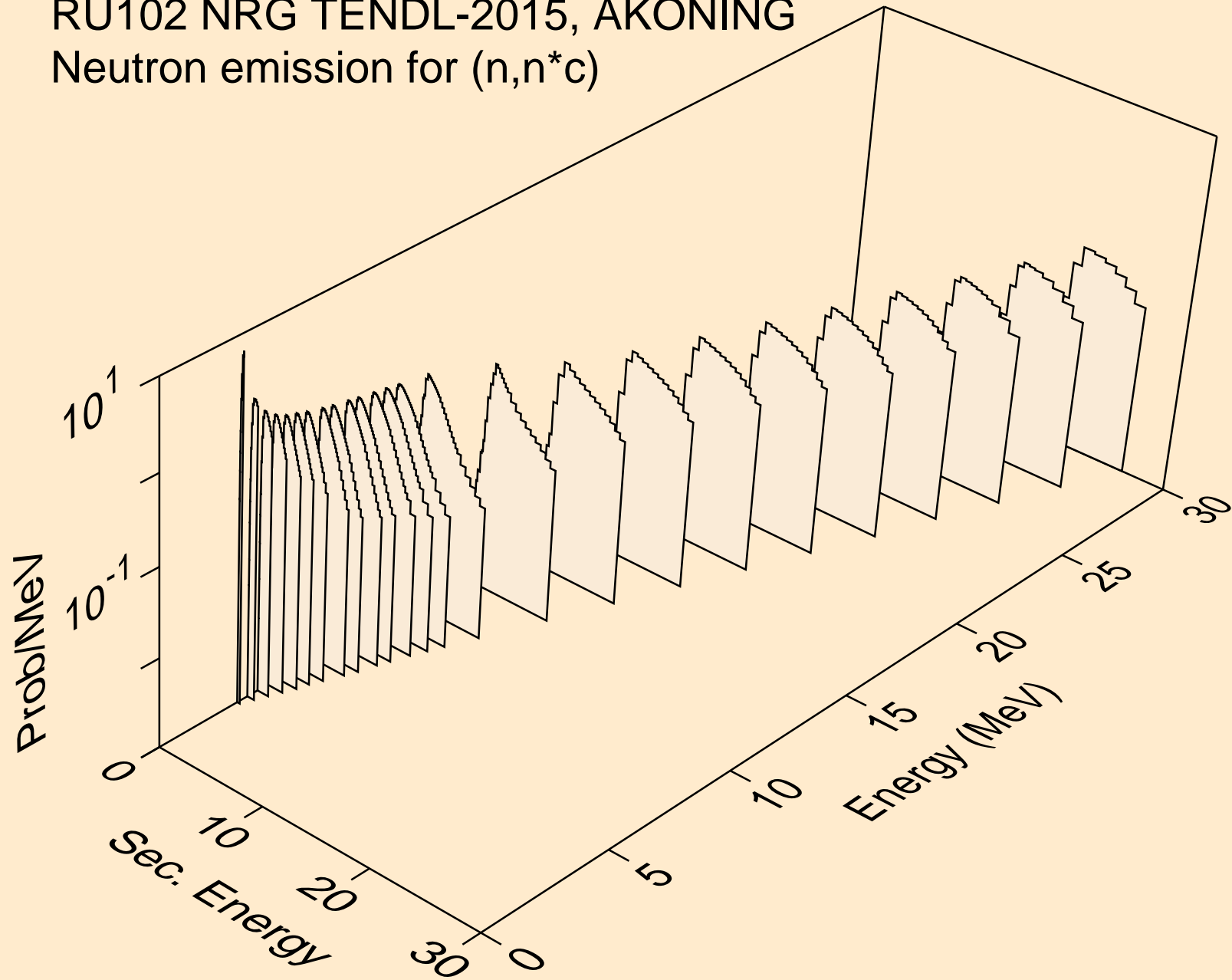
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



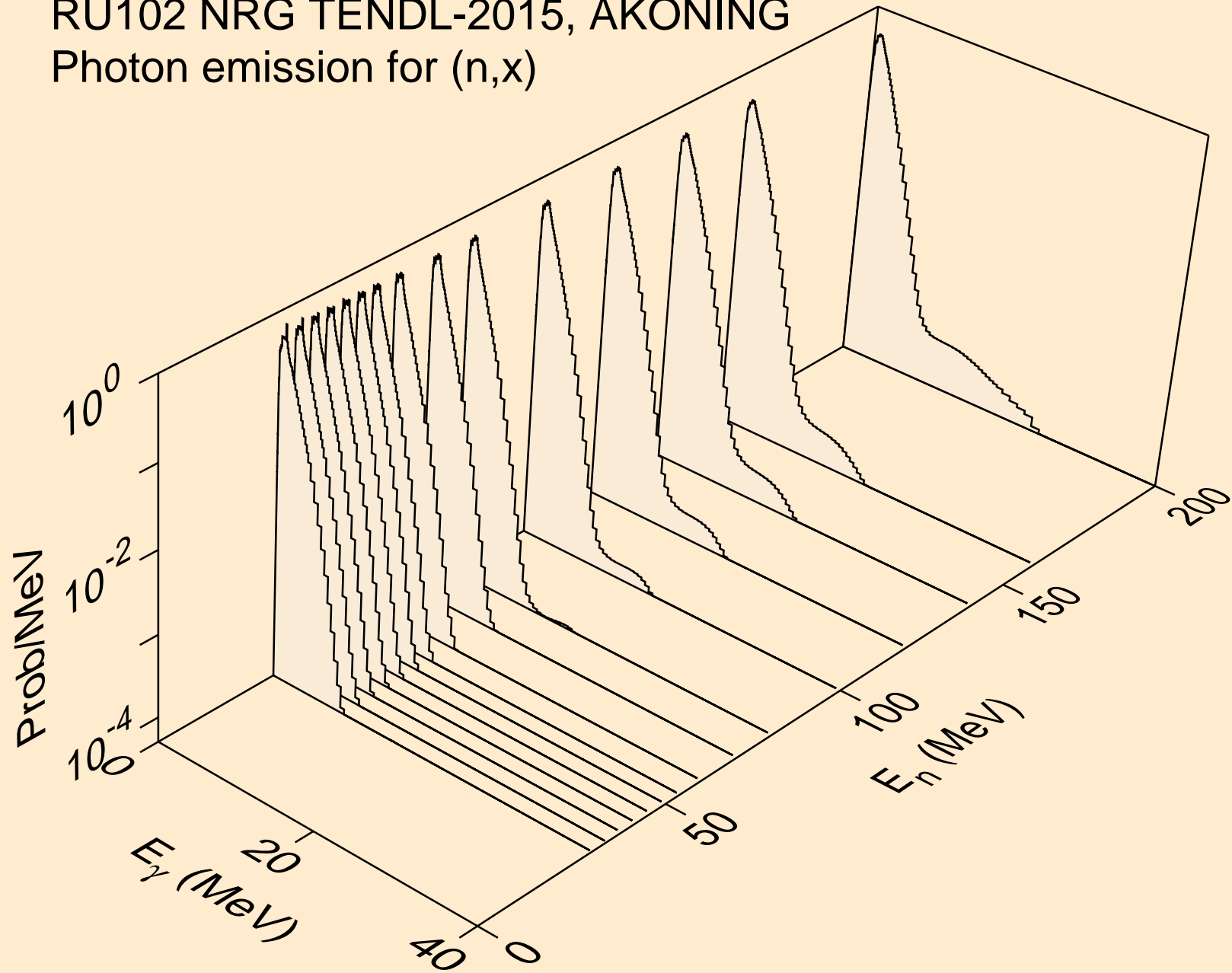
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



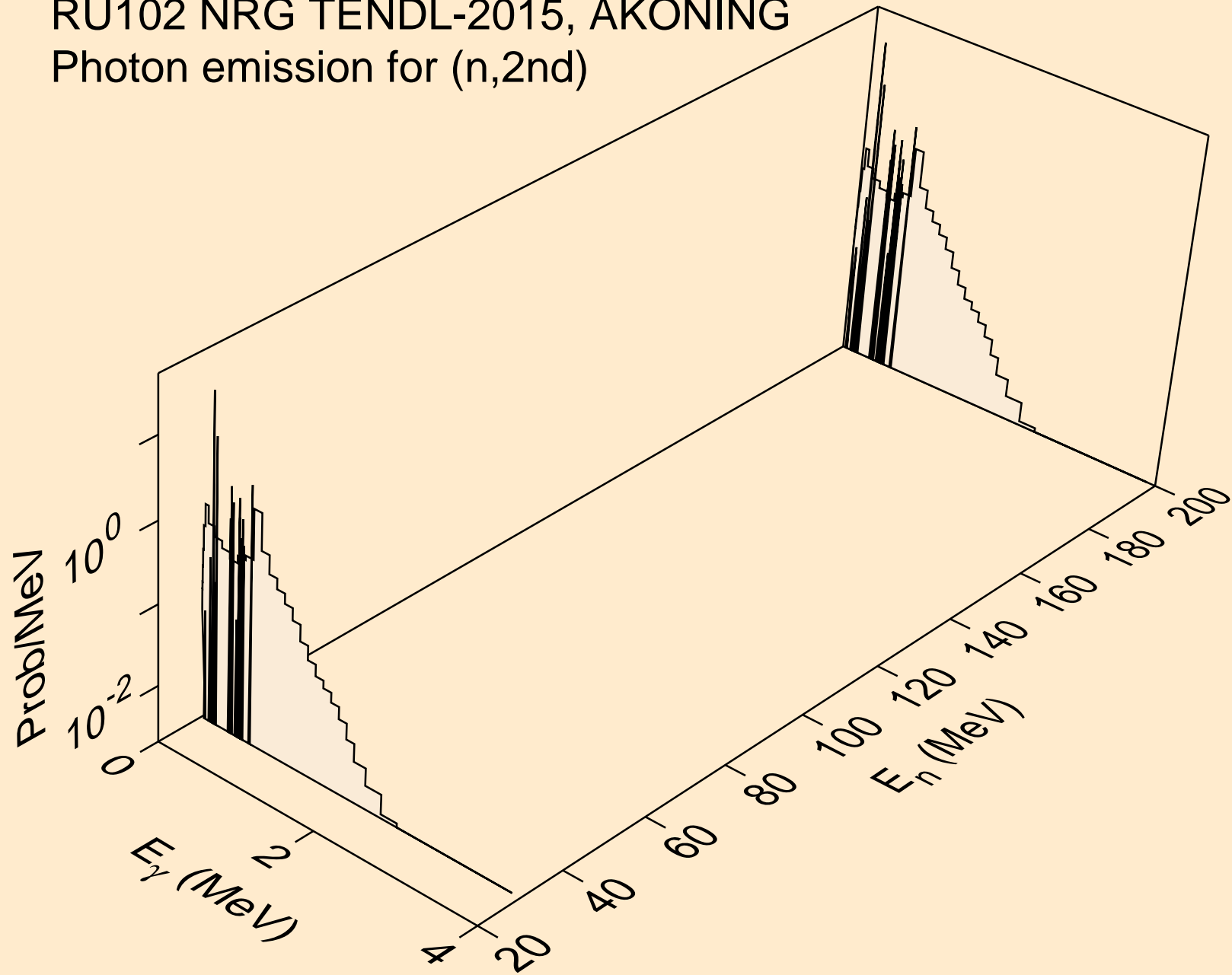
RU102 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



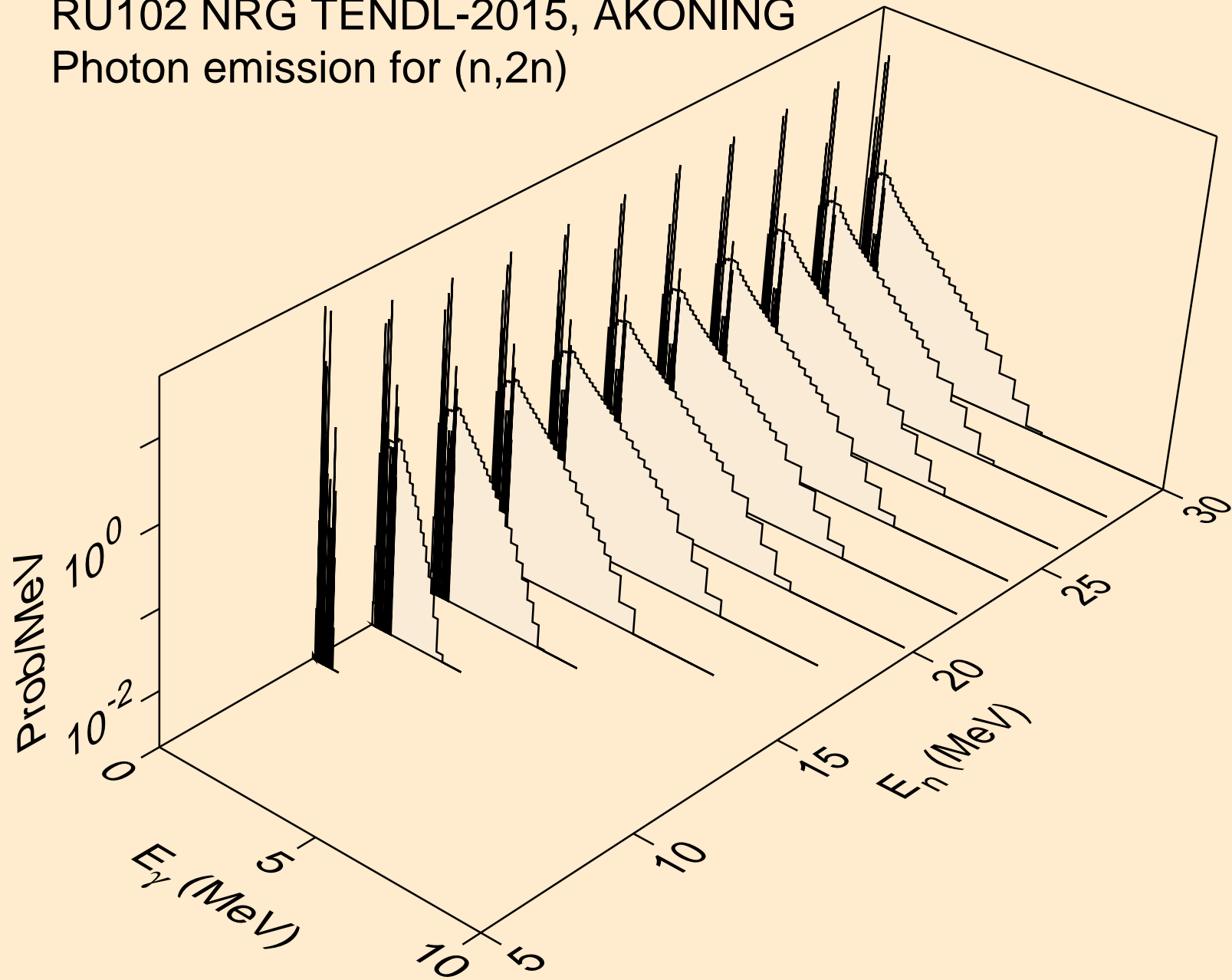
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



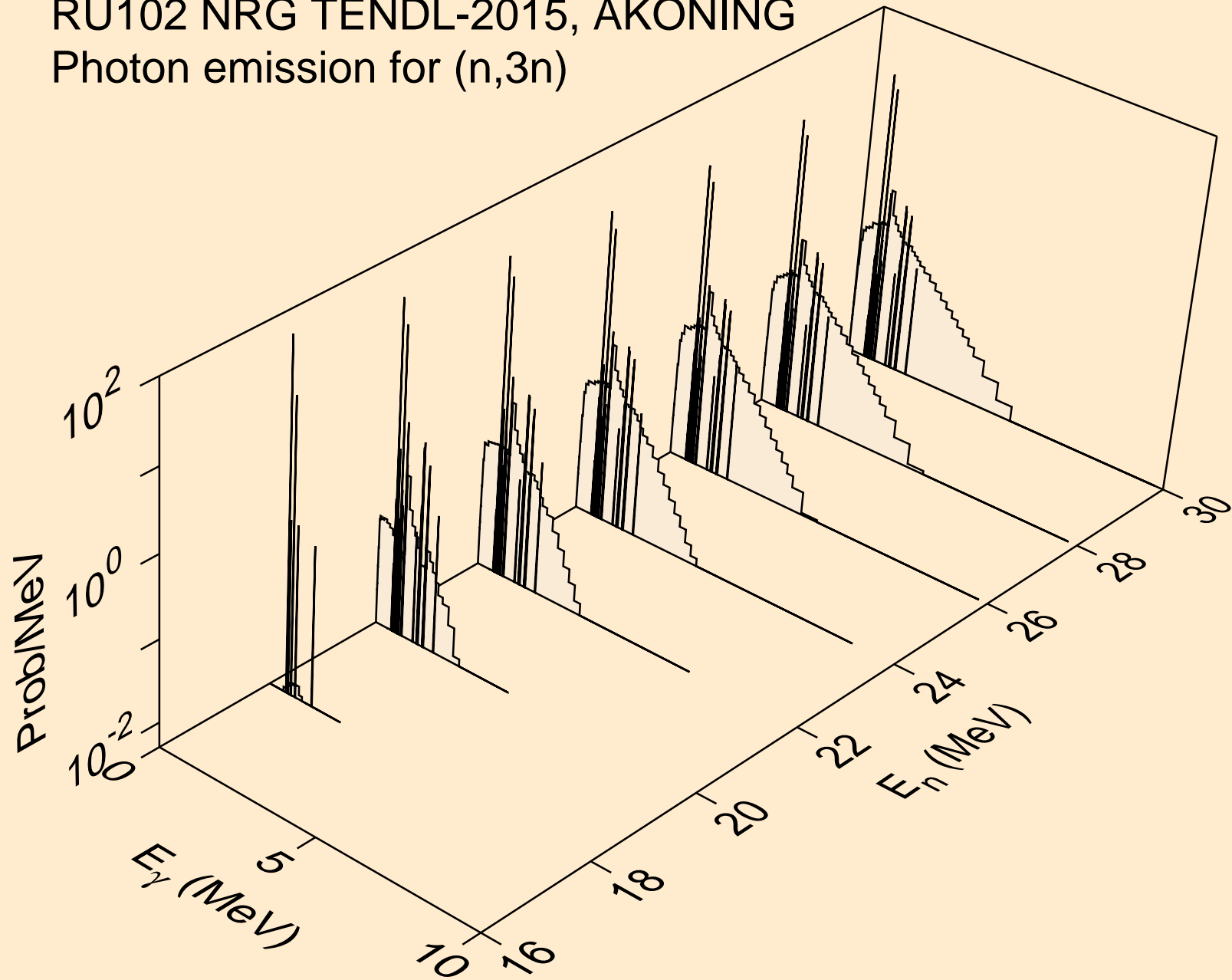
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Photon emission for (n,2nd)



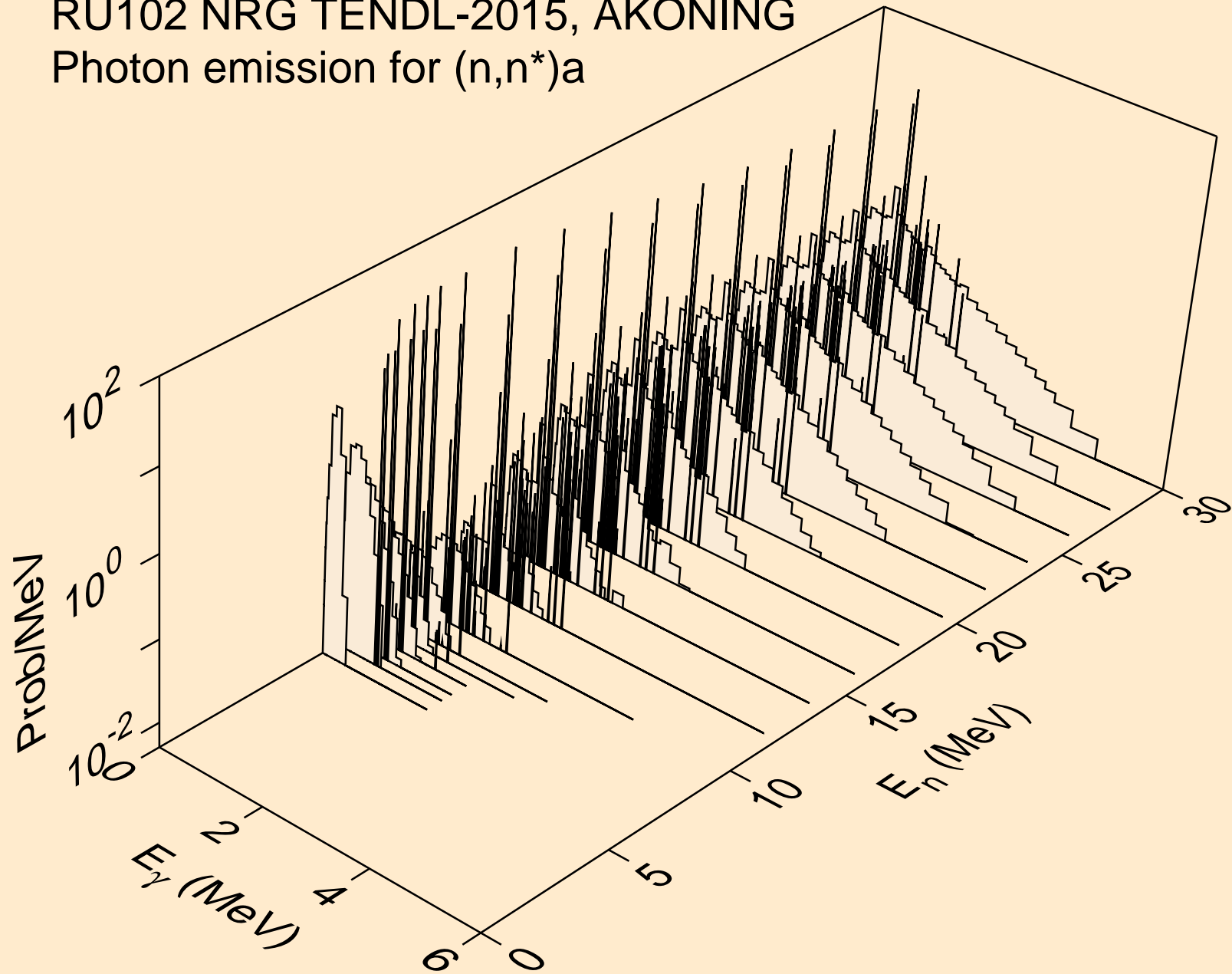
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Photon emission for (n,2n)



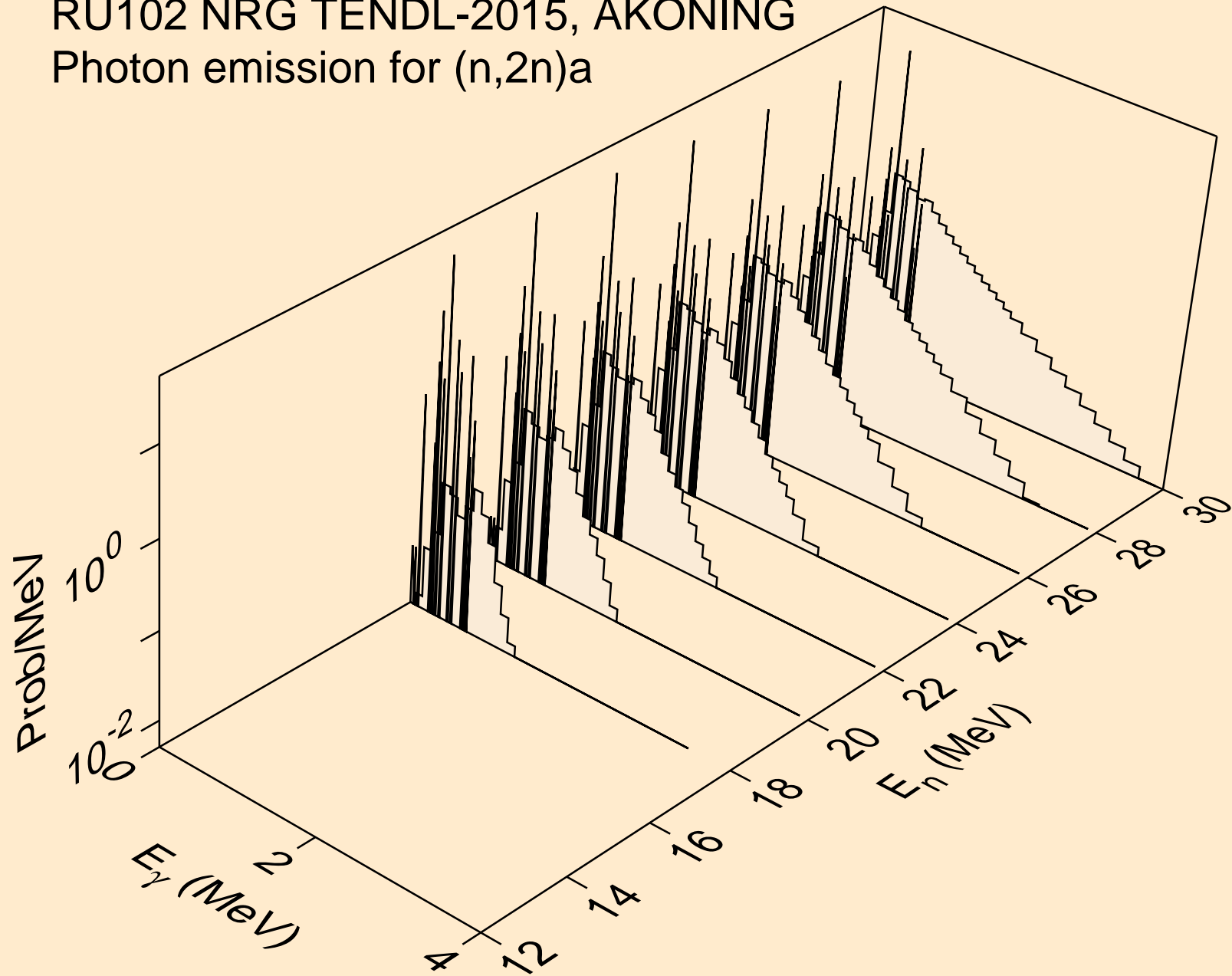
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Photon emission for (n,3n)



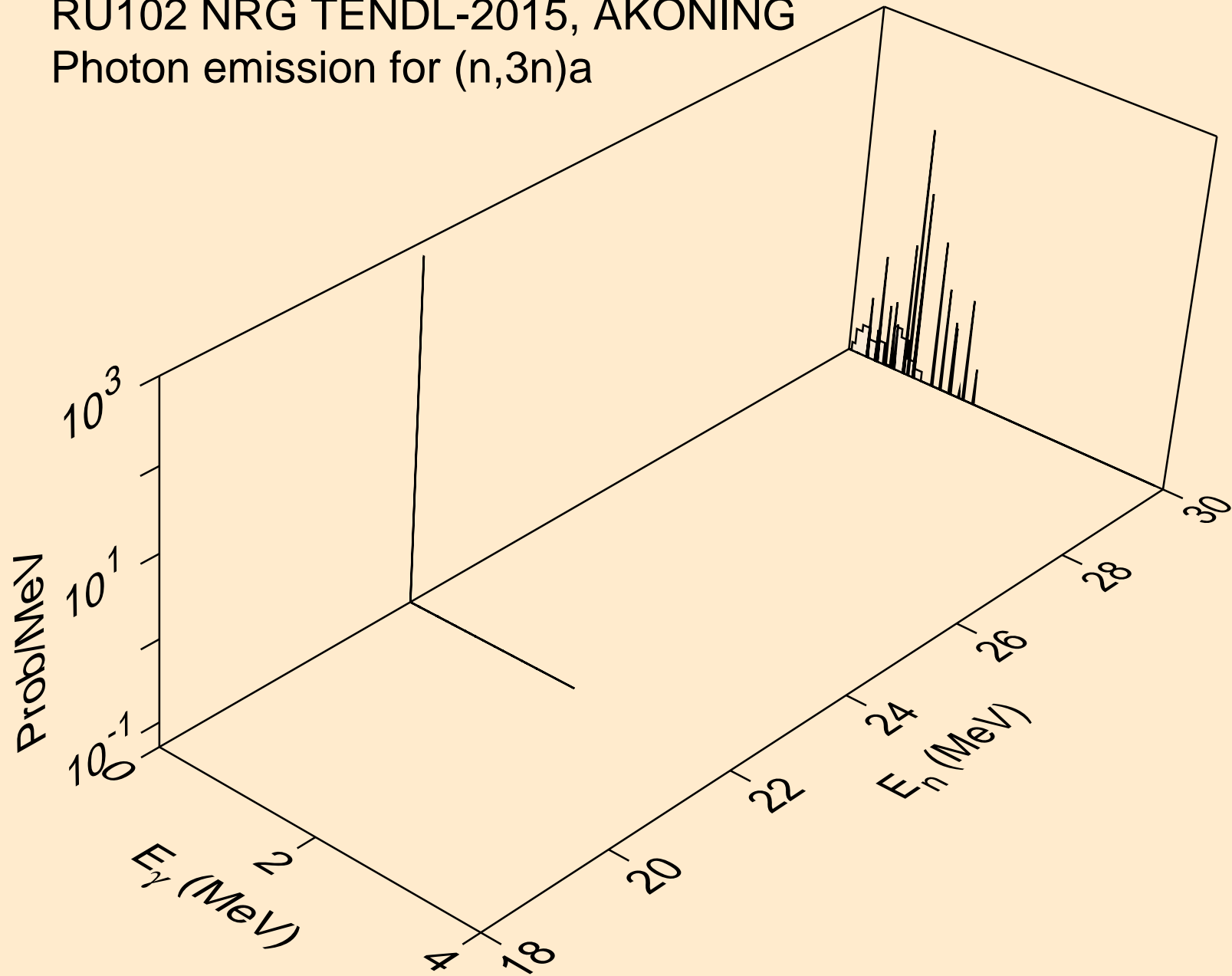
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



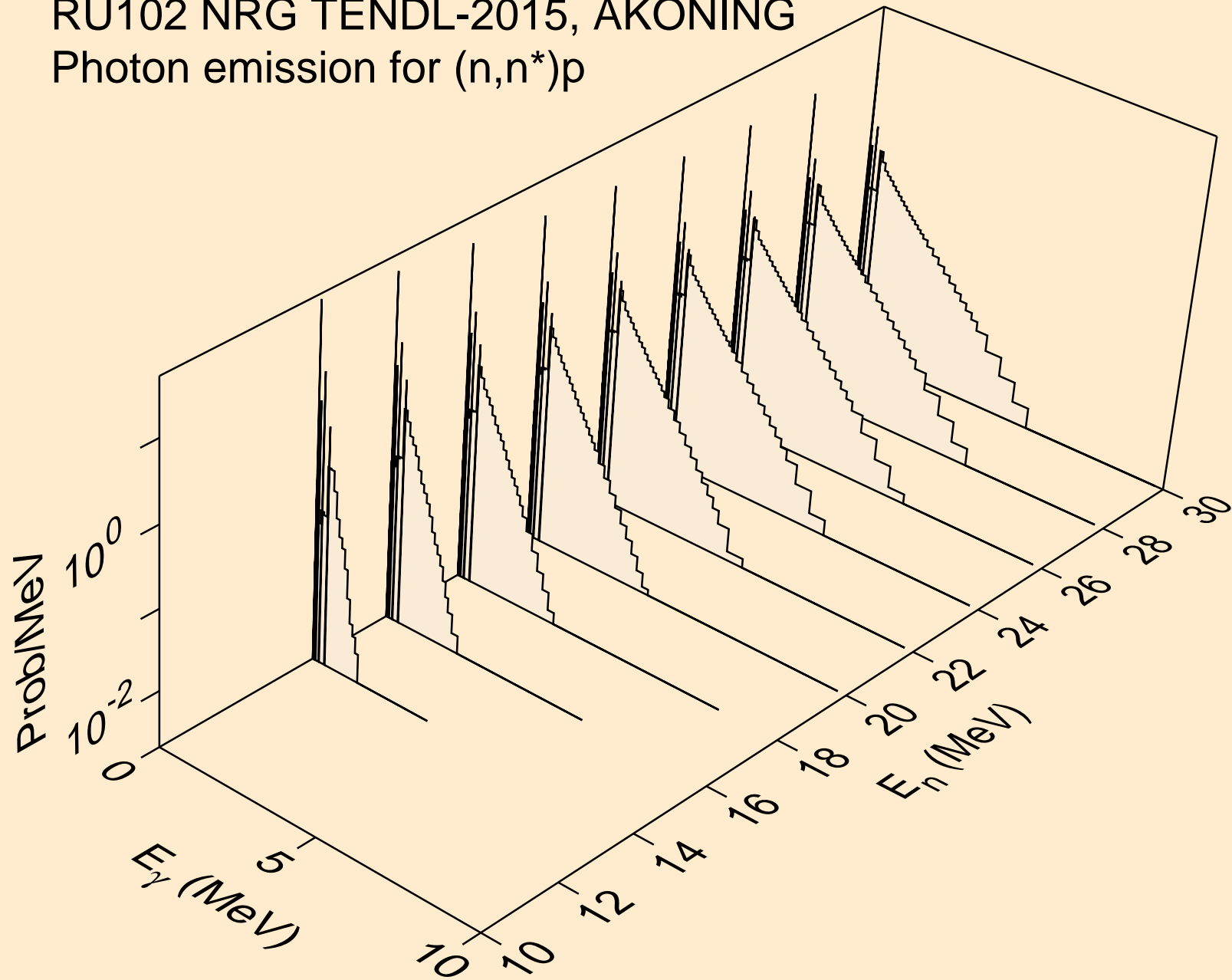
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



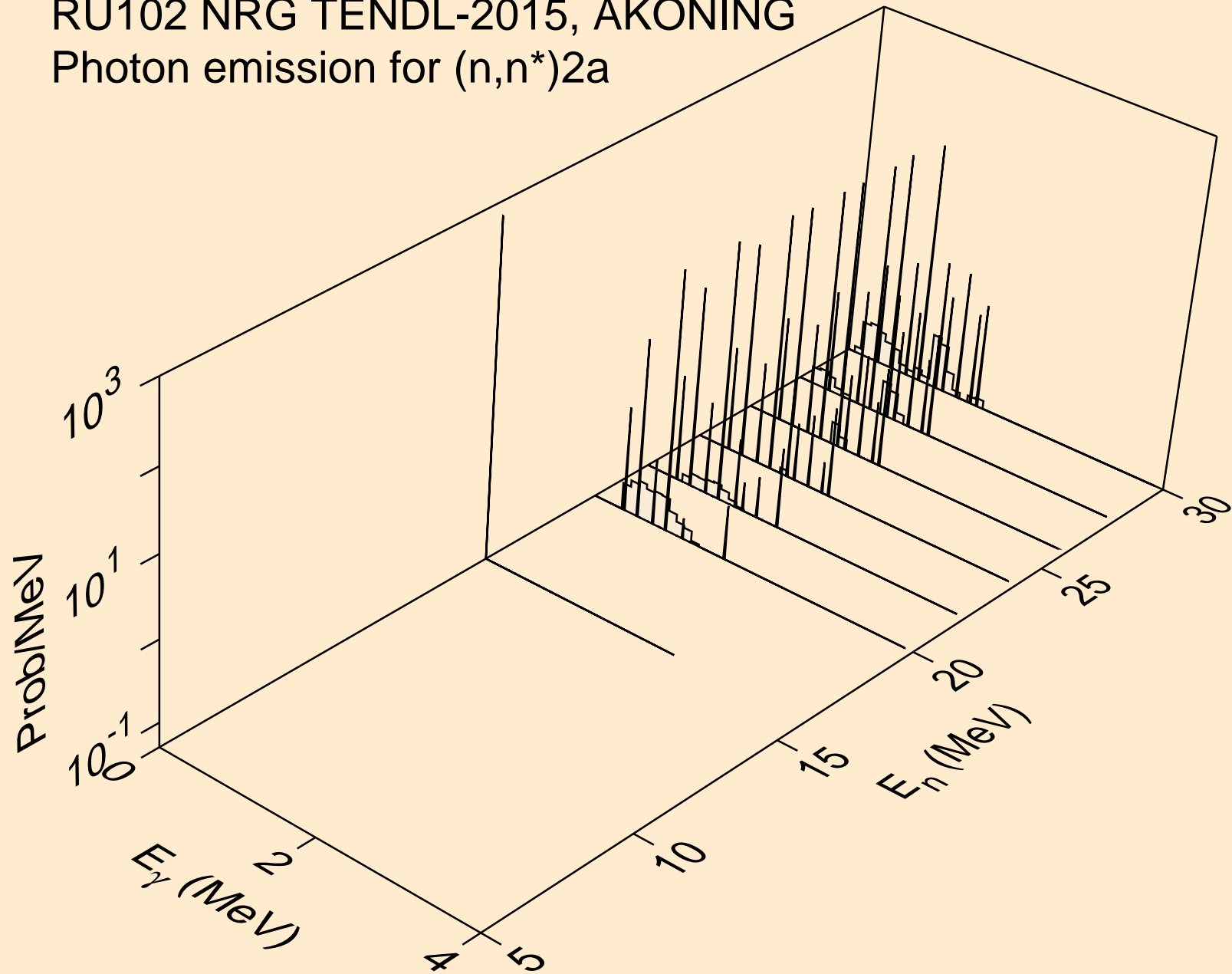
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Photon emission for (n,3n)a



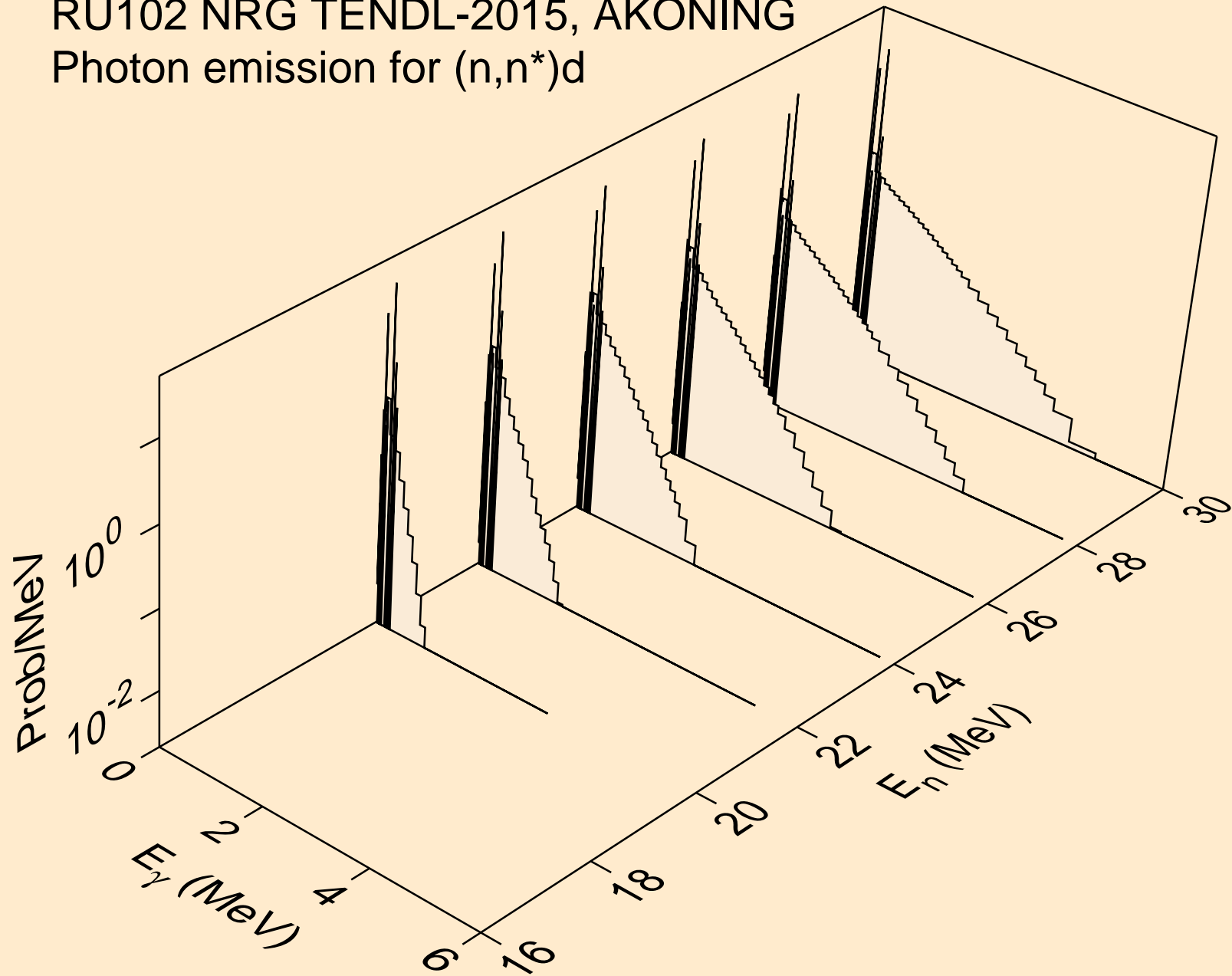
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



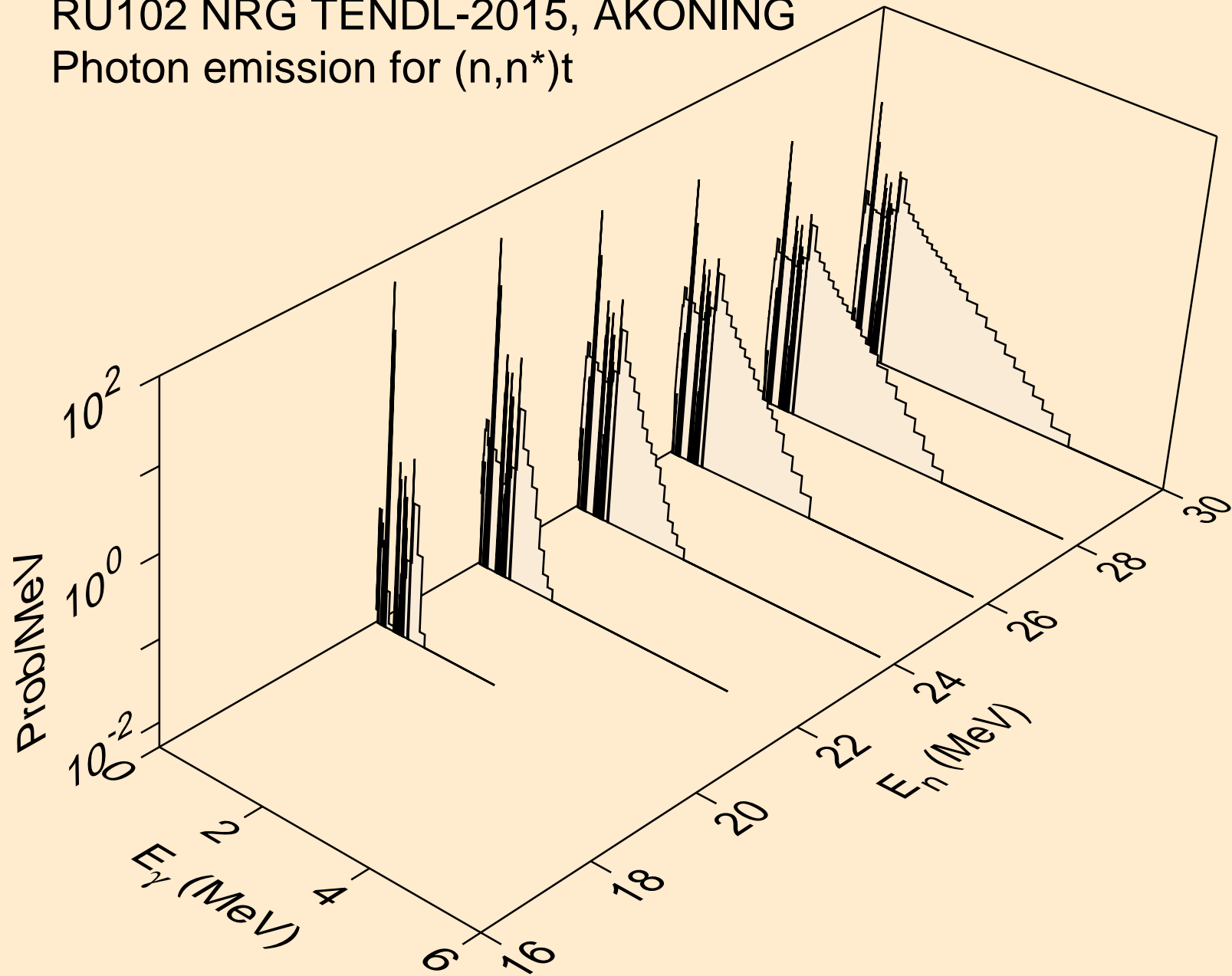
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Photon emission for (n,n\*)2a



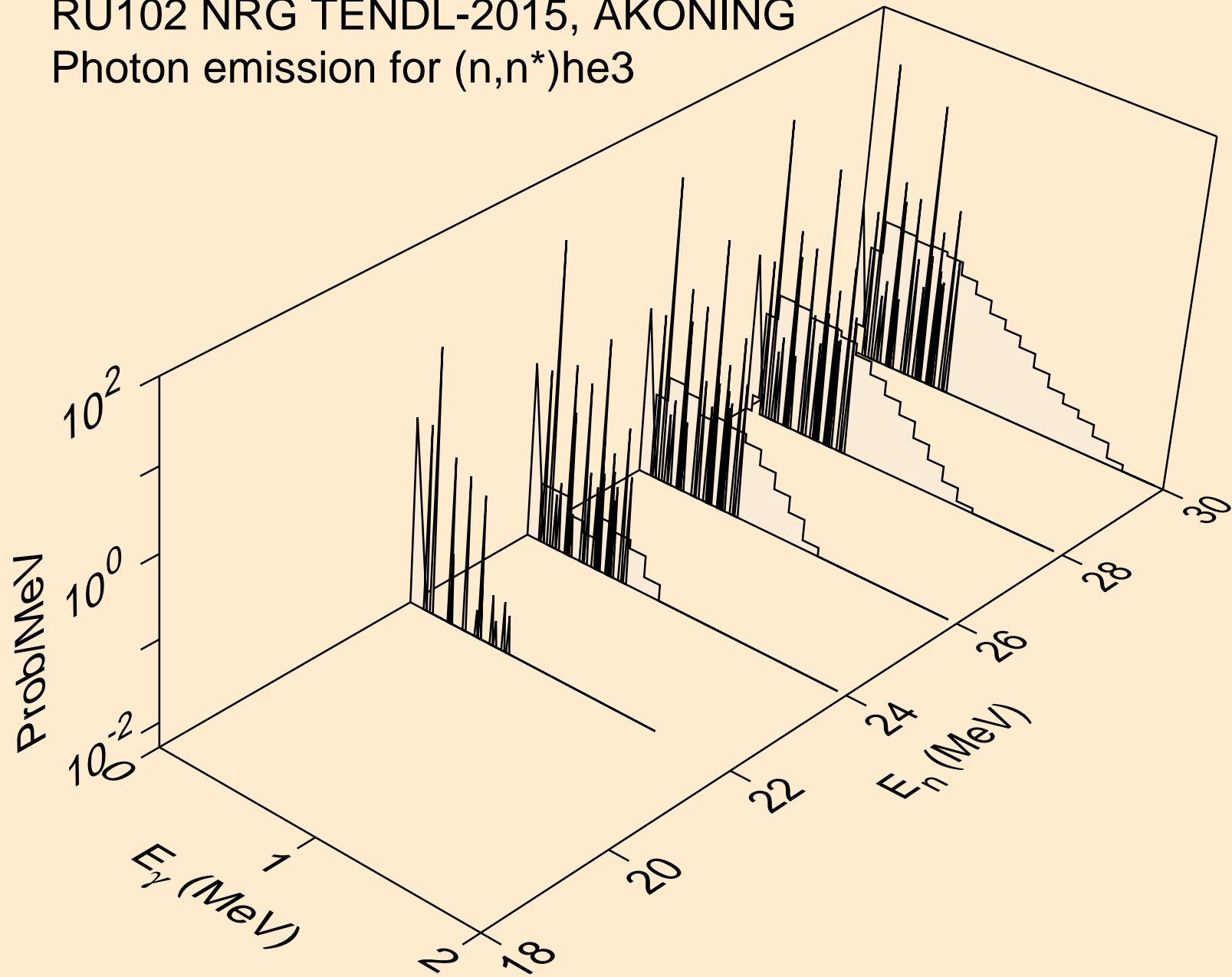
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



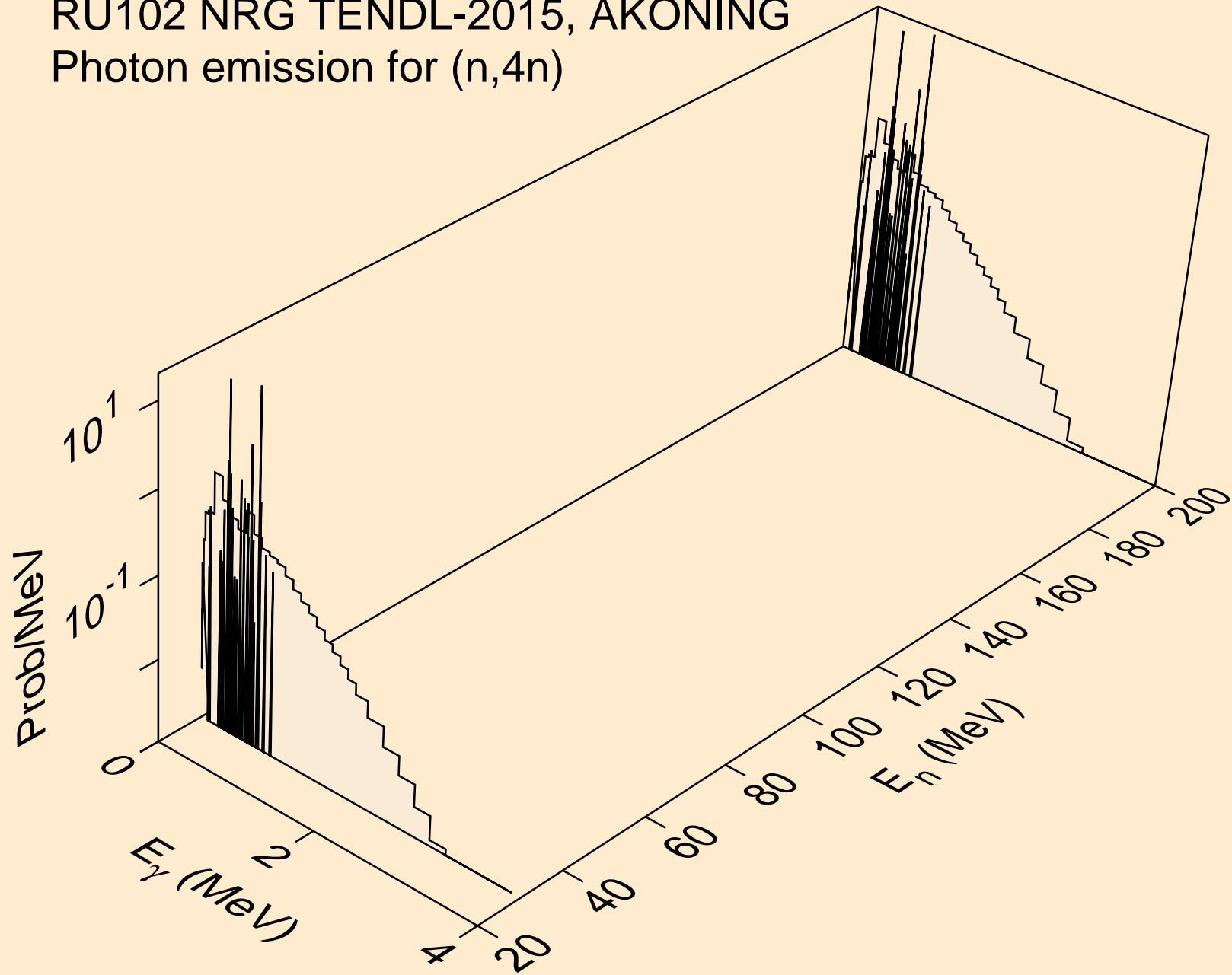
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



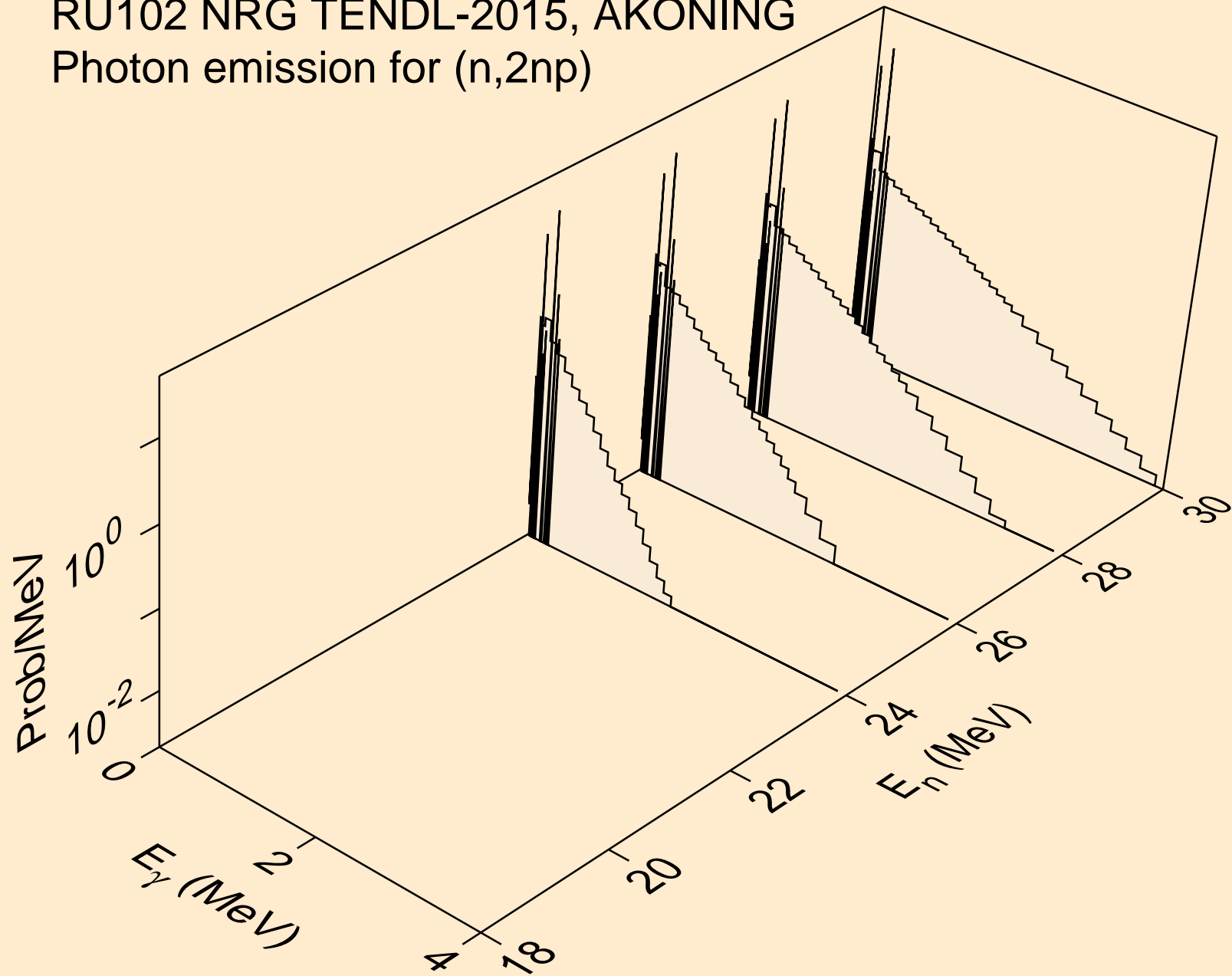
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Photon emission for (n,n\*)he3



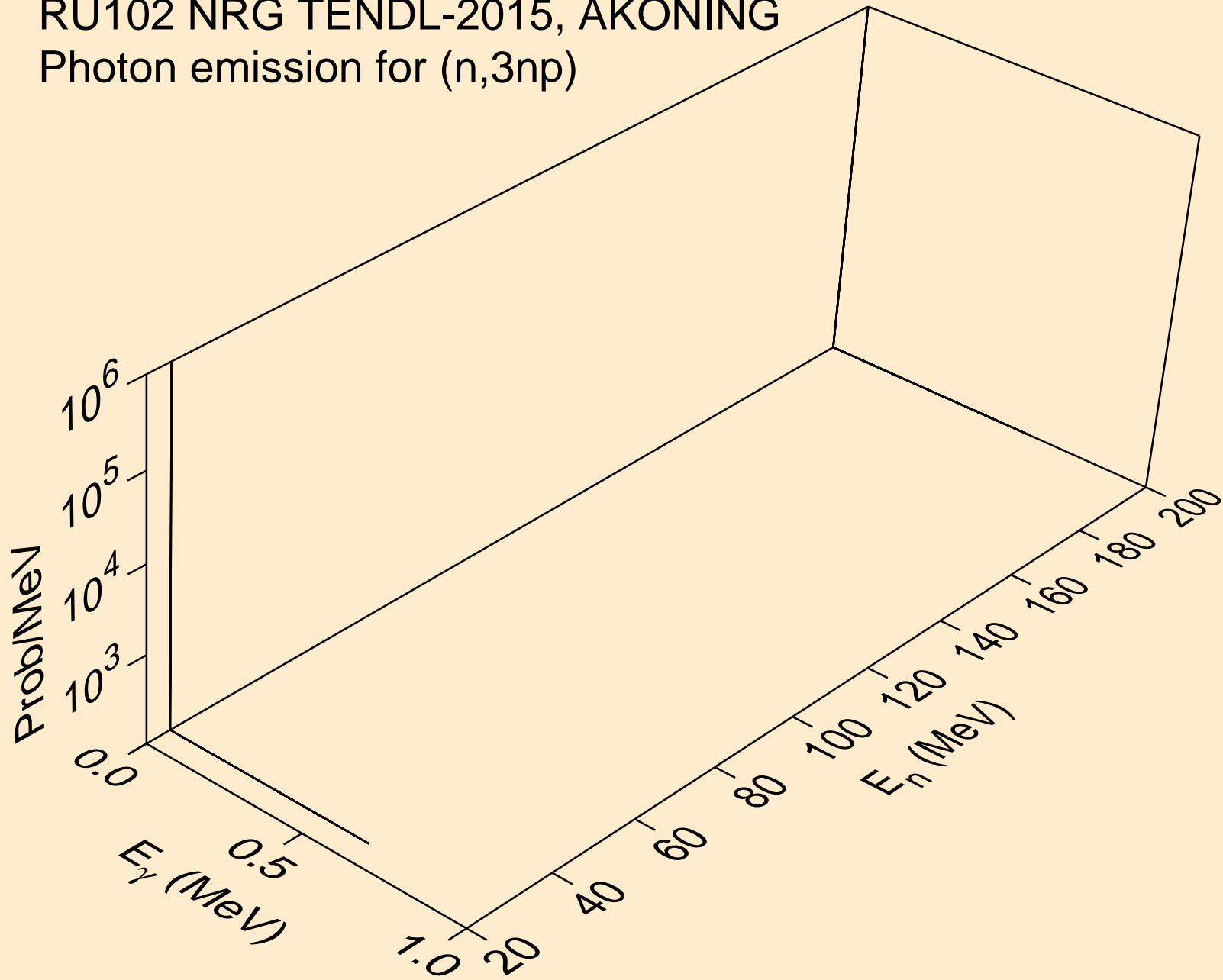
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Photon emission for (n,4n)



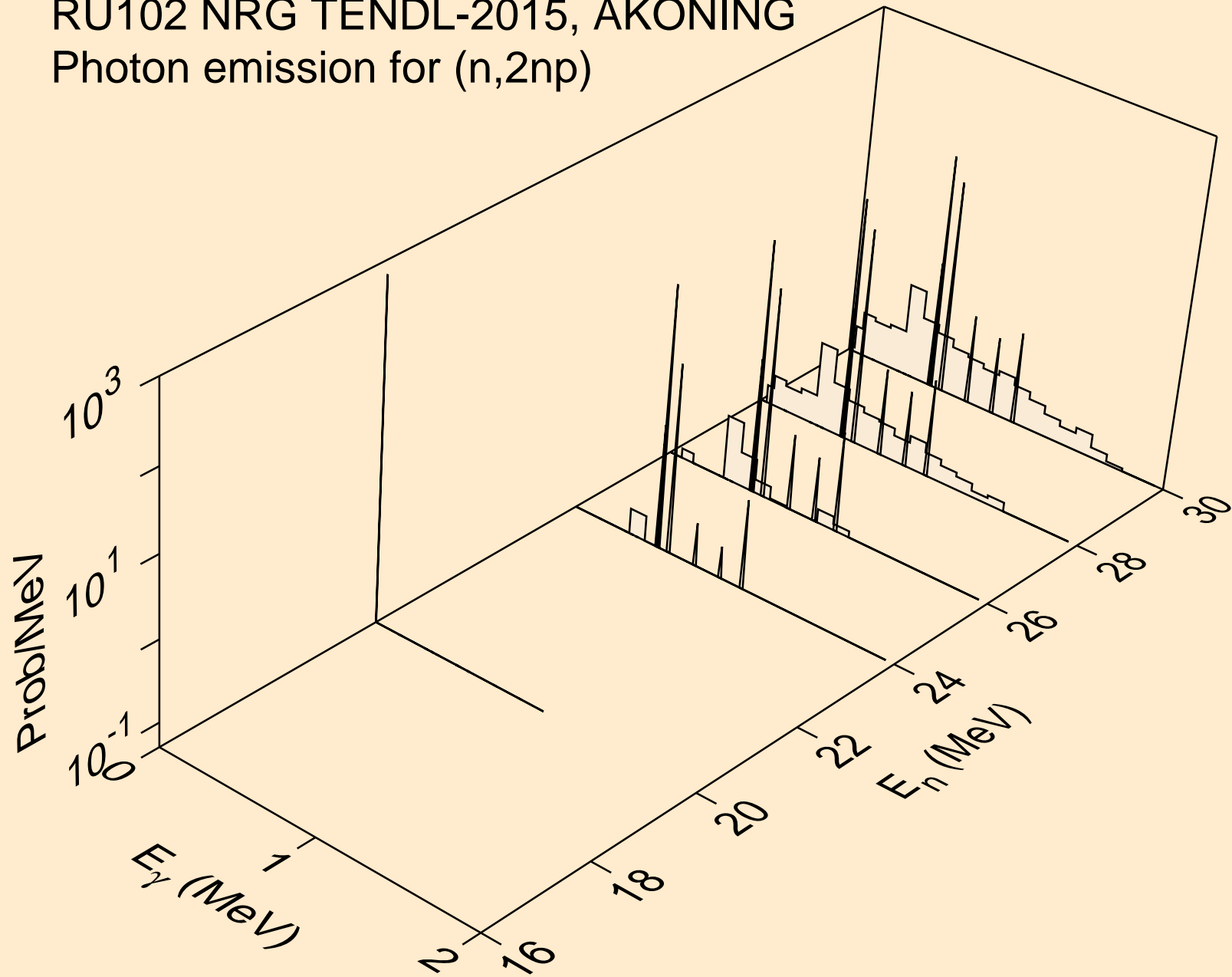
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Photon emission for (n,2np)



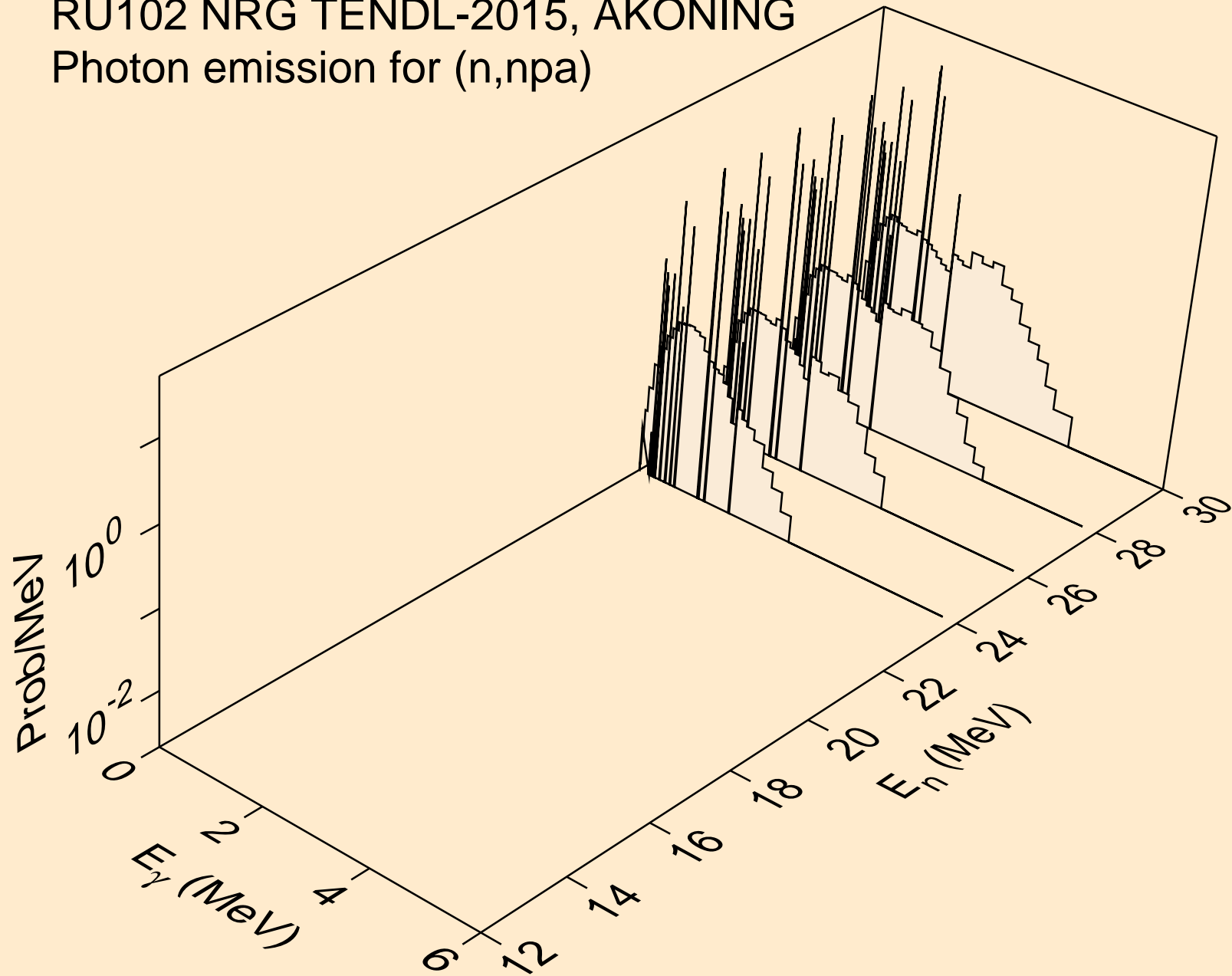
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Photon emission for (n,3np)



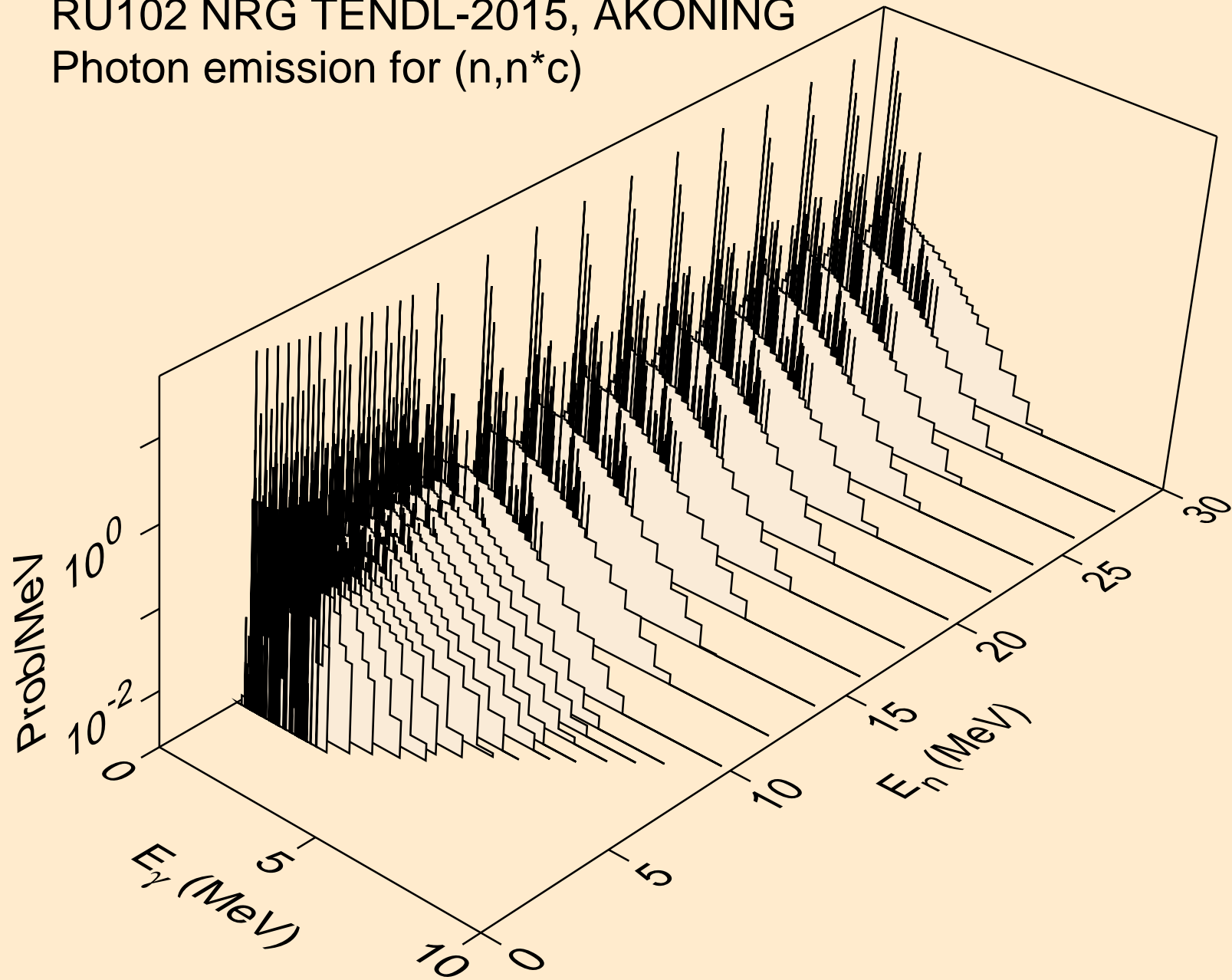
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Photon emission for (n,2np)



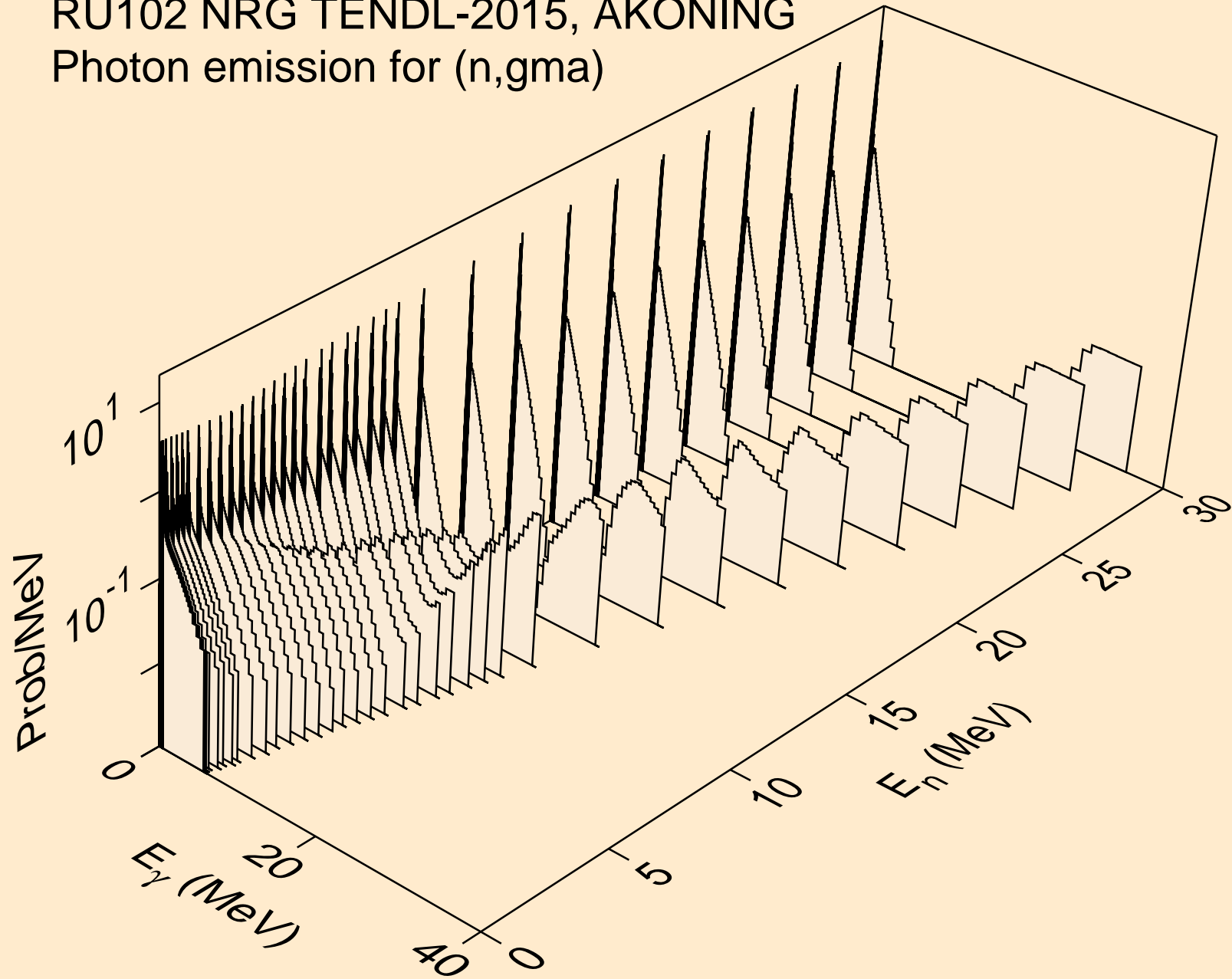
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



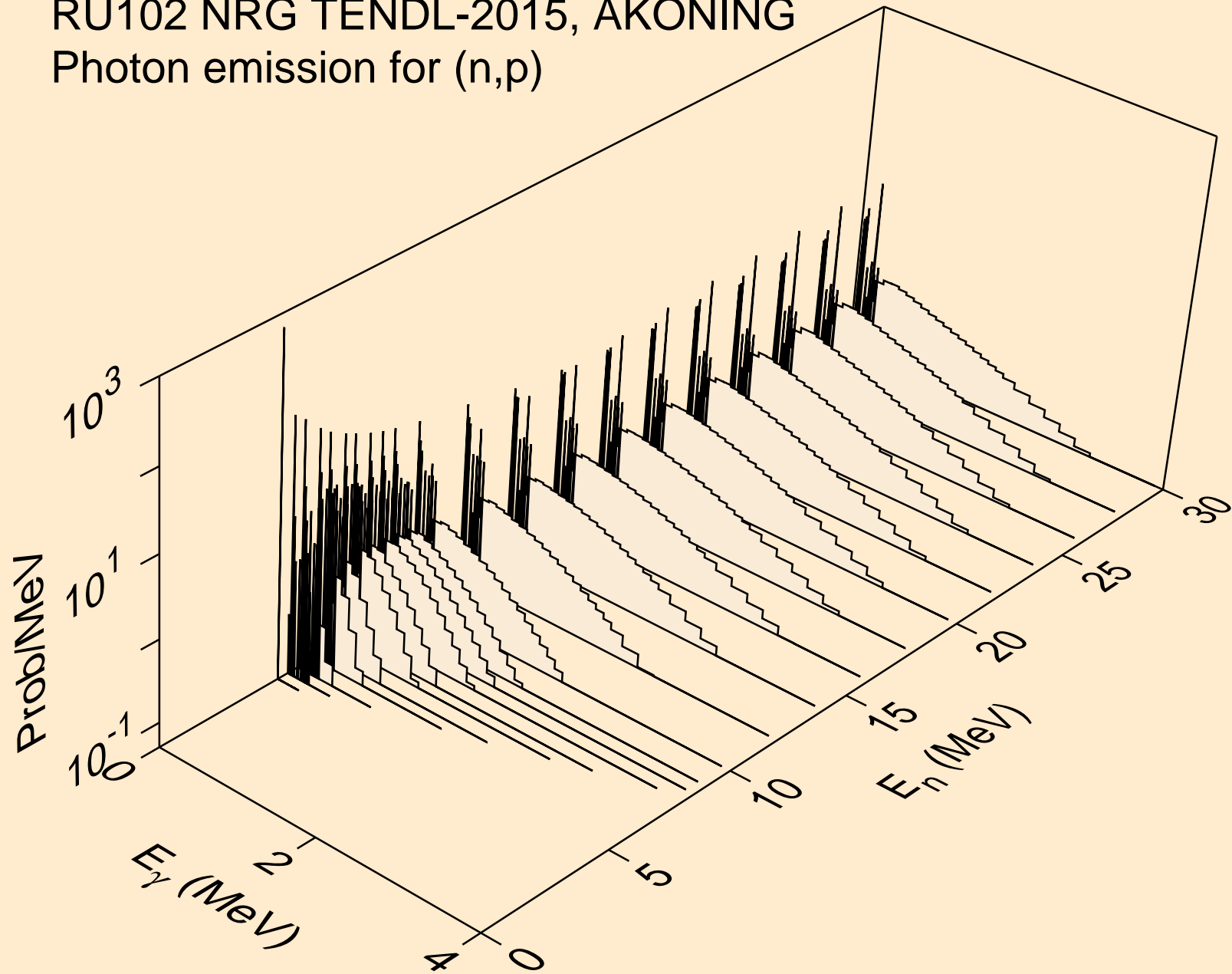
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



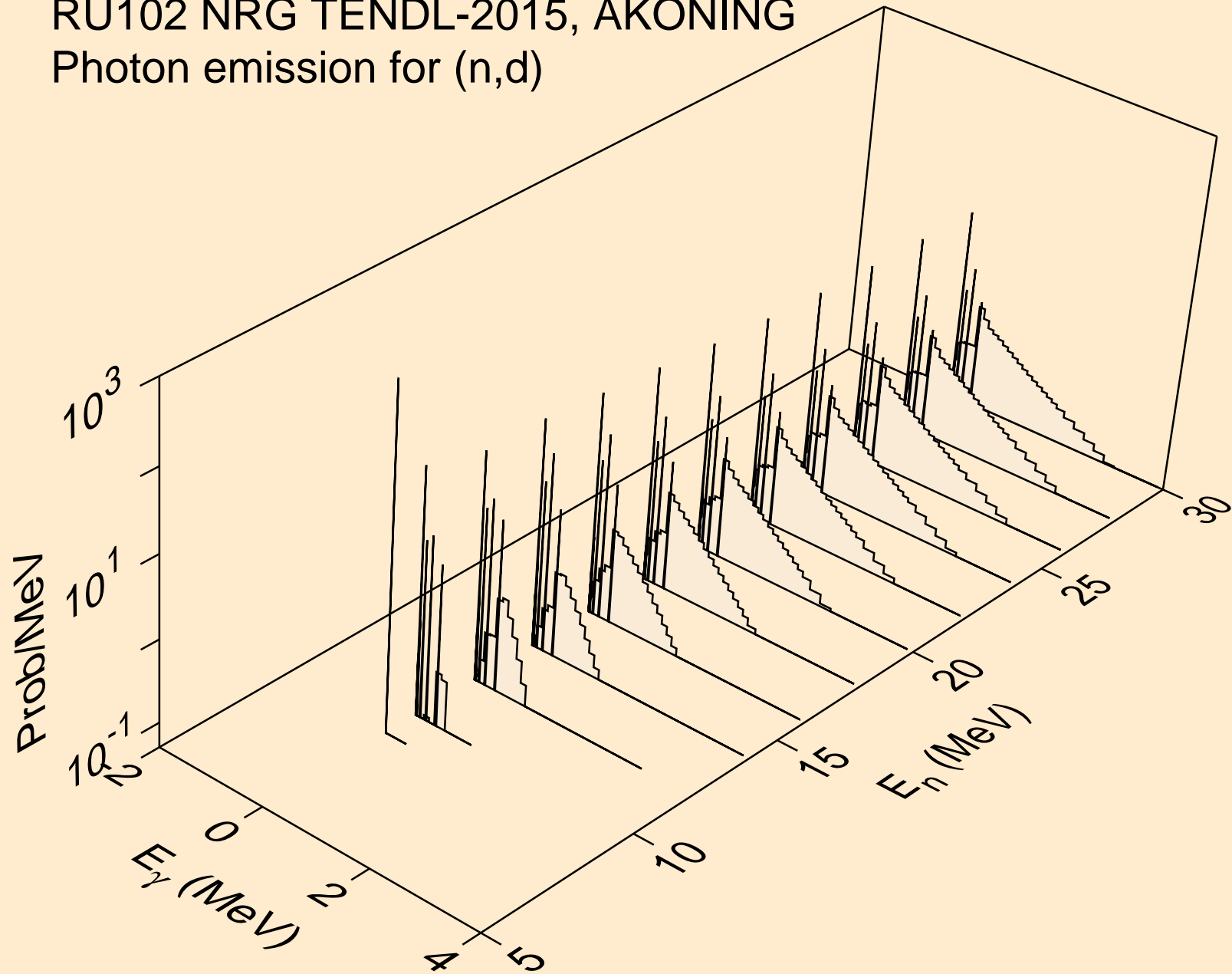
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



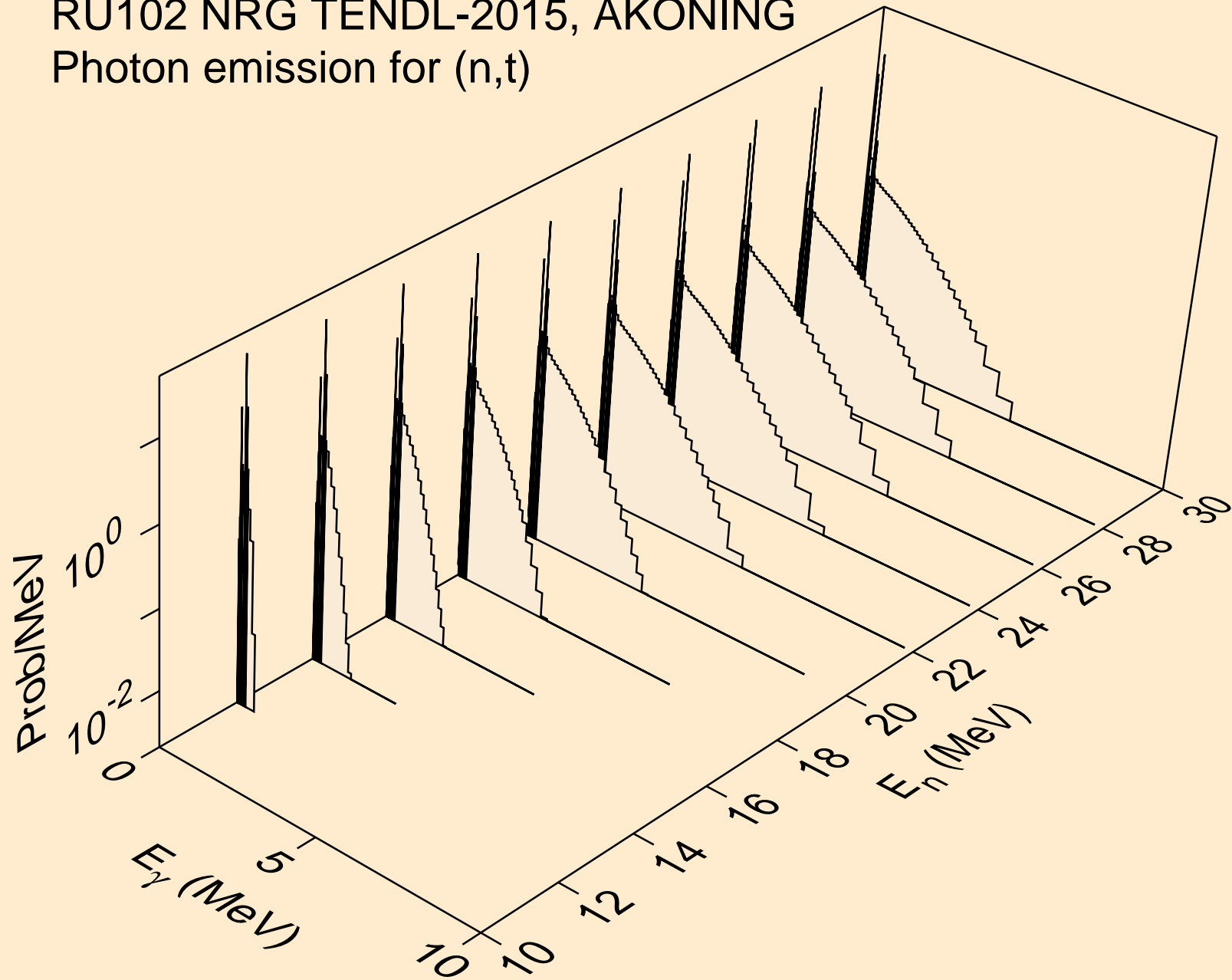
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



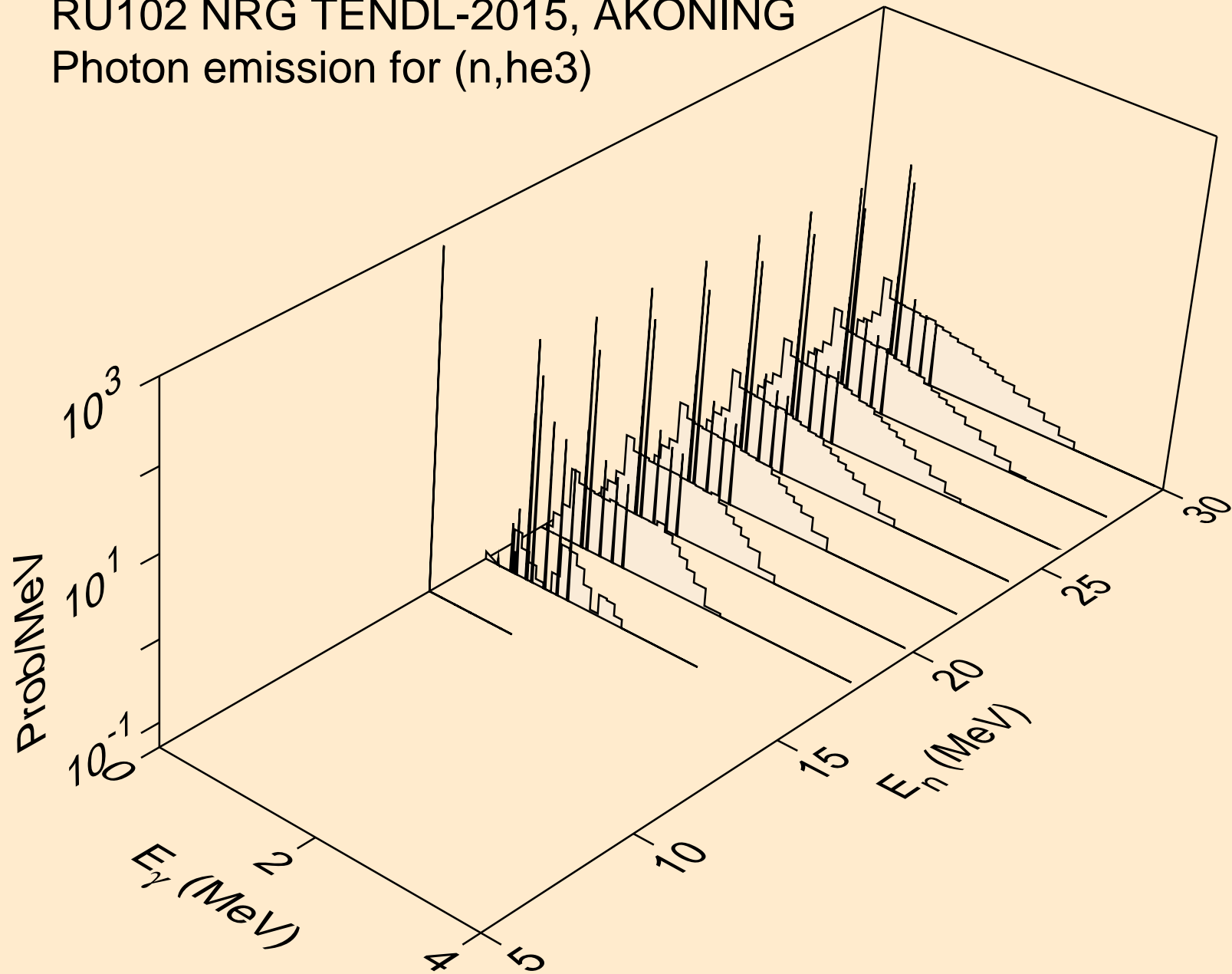
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Photon emission for (n,d)



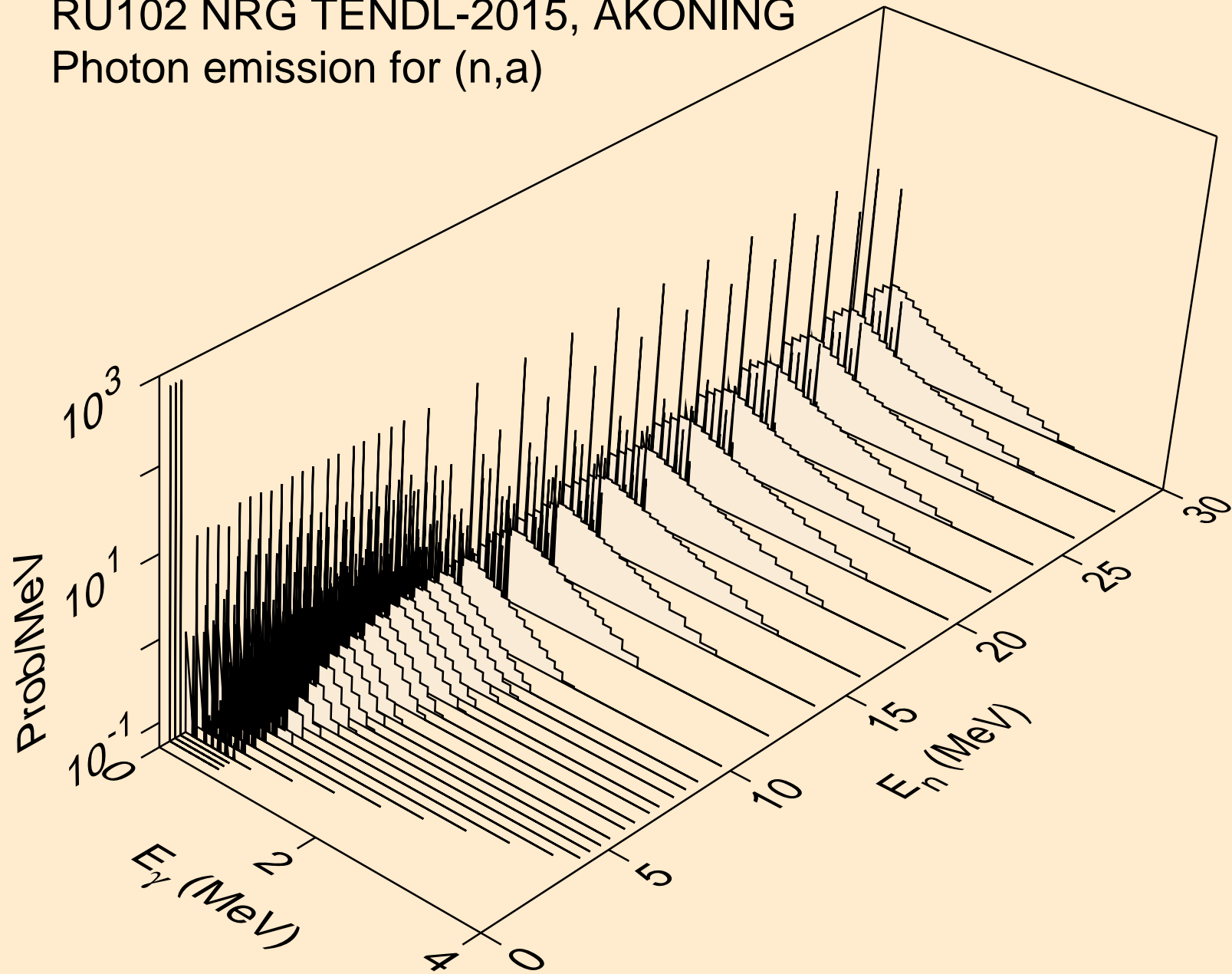
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



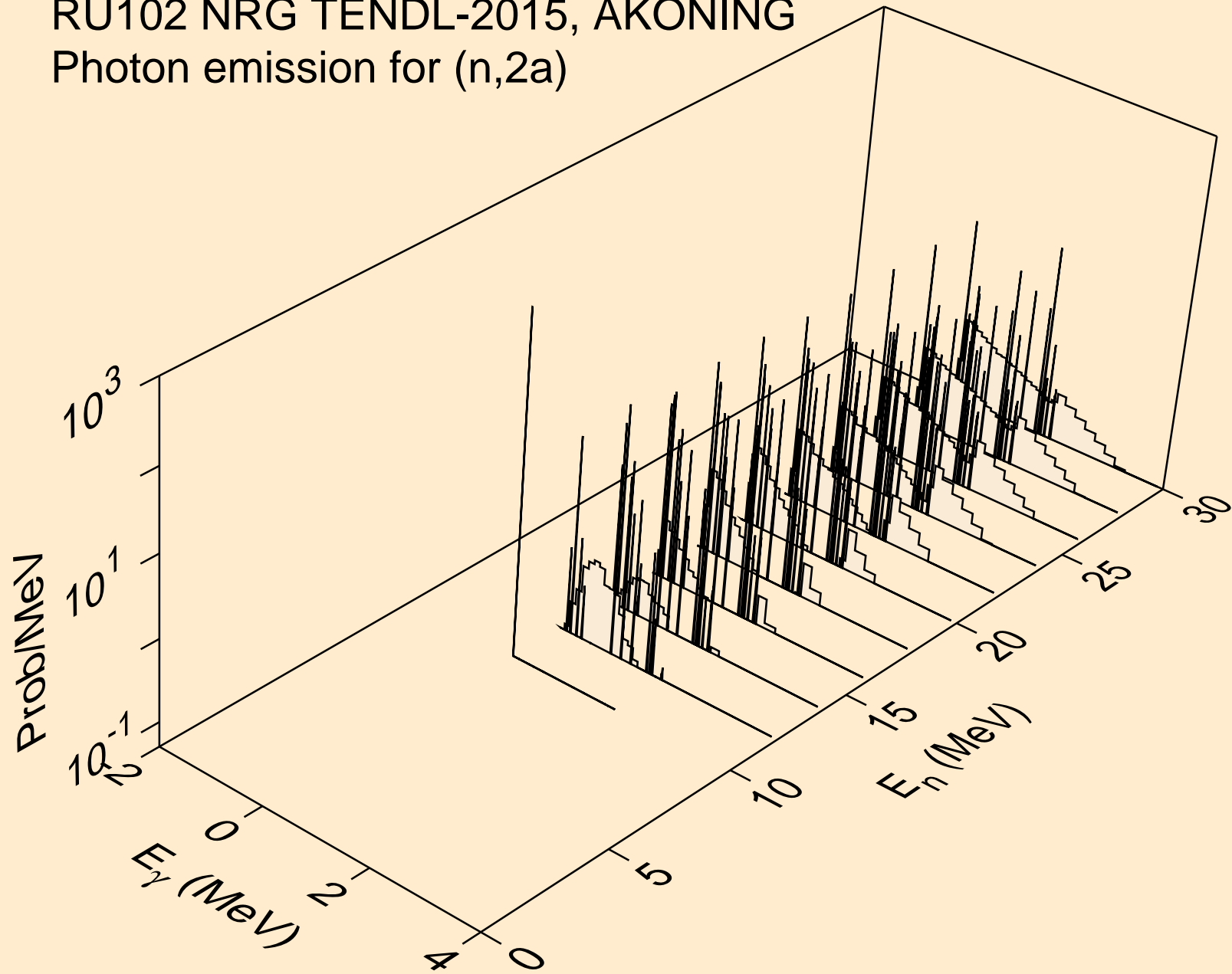
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Photon emission for (n,he3)



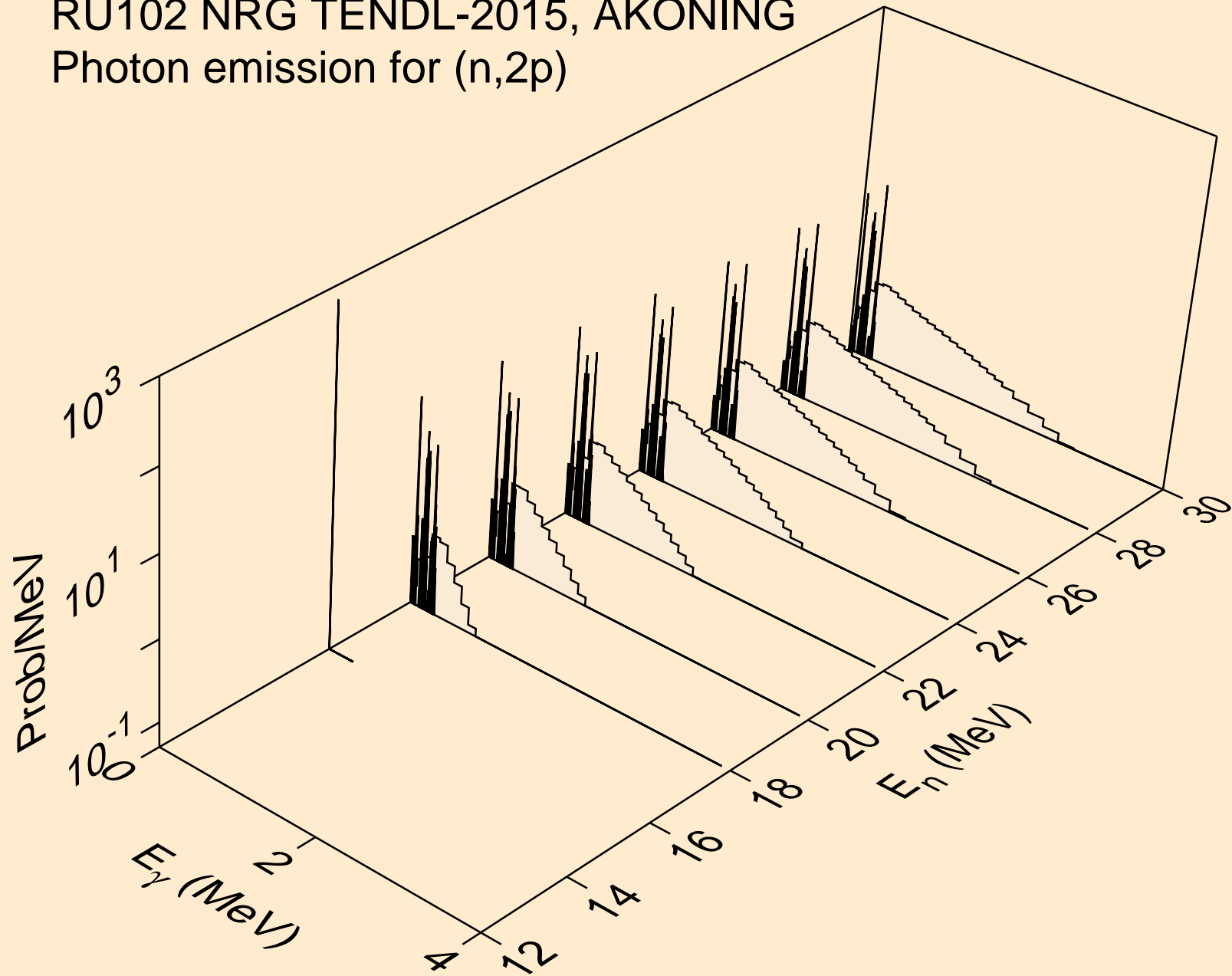
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Photon emission for (n,a)



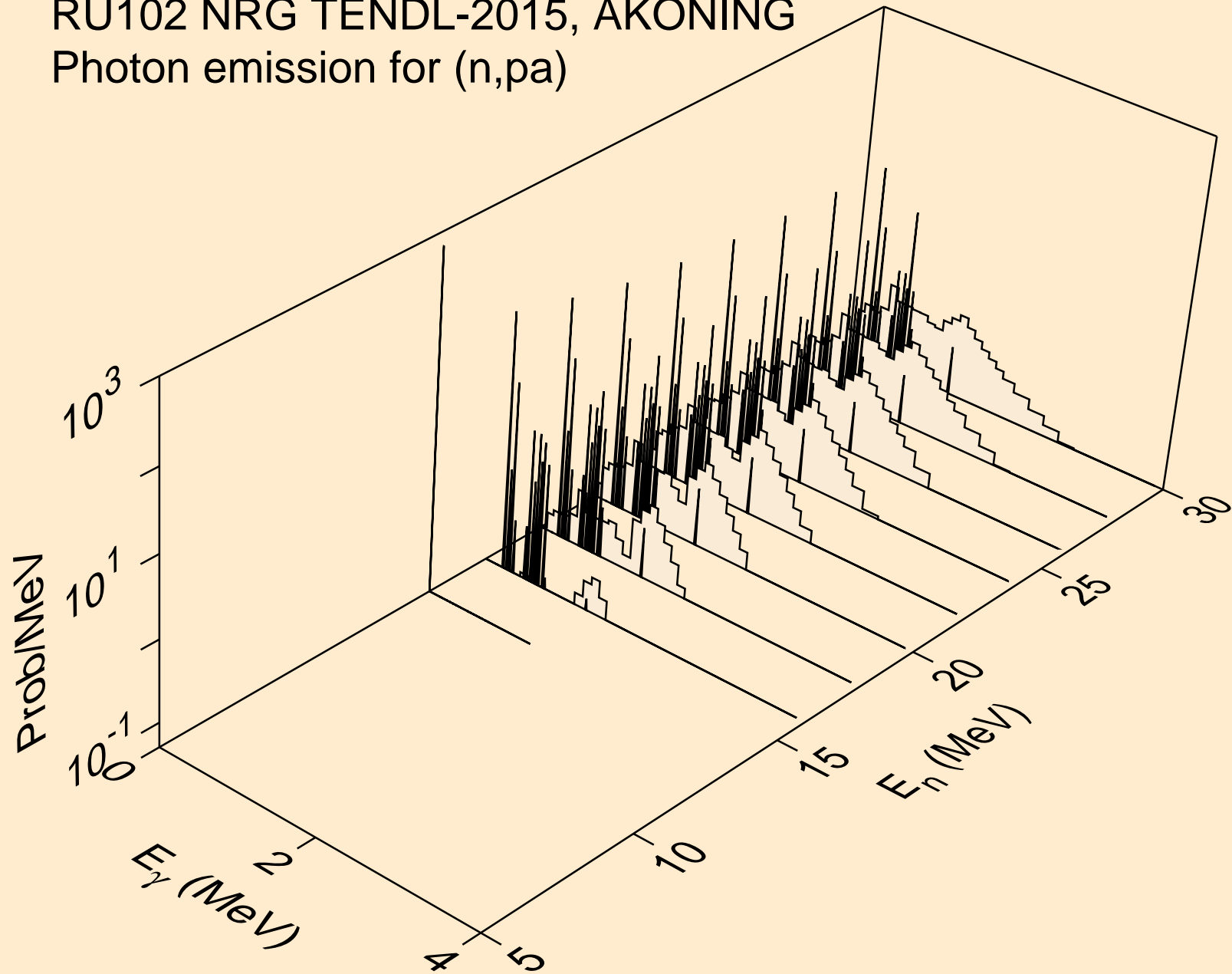
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Photon emission for (n,2a)



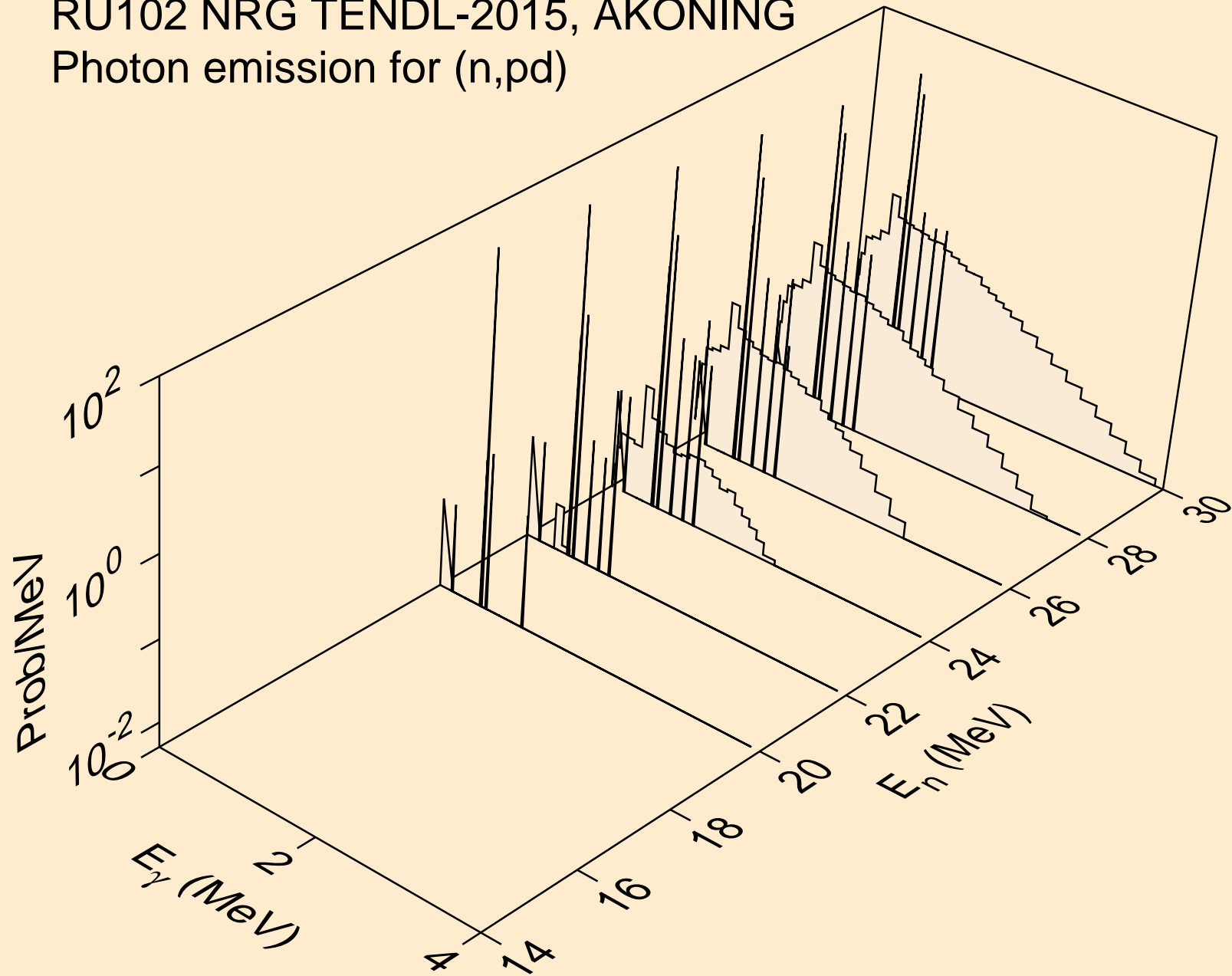
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Photon emission for (n,2p)



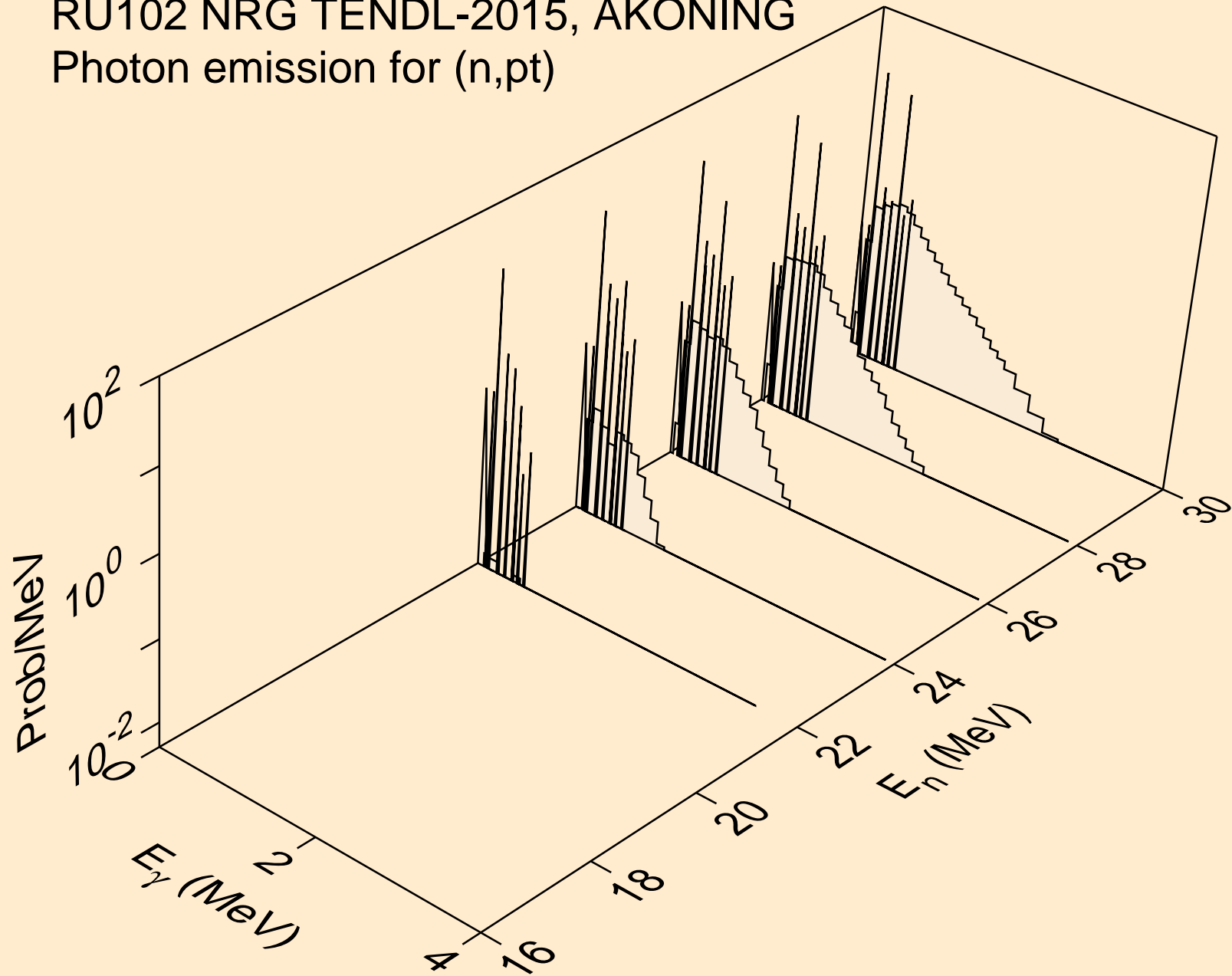
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Photon emission for (n,p $\alpha$ )



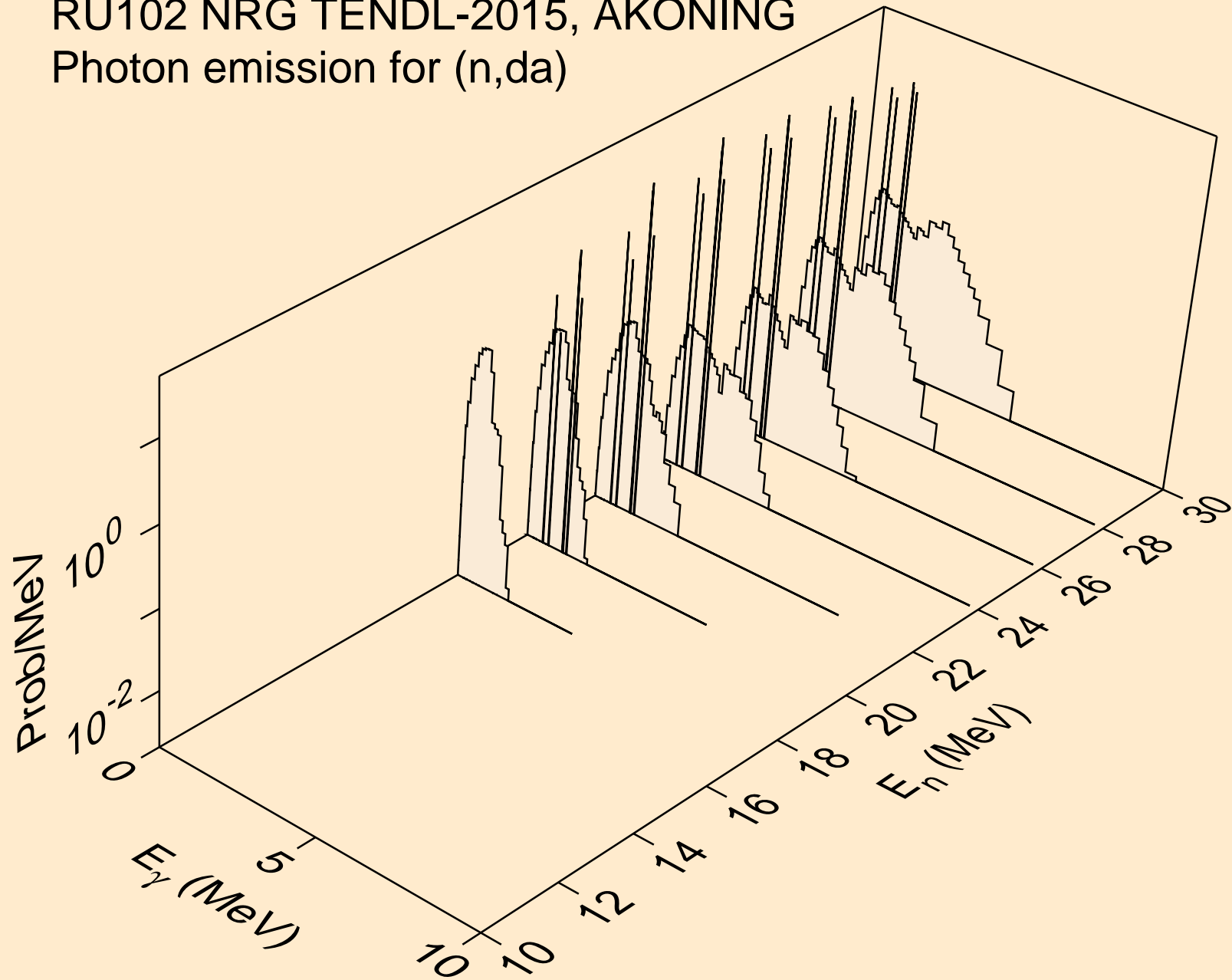
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



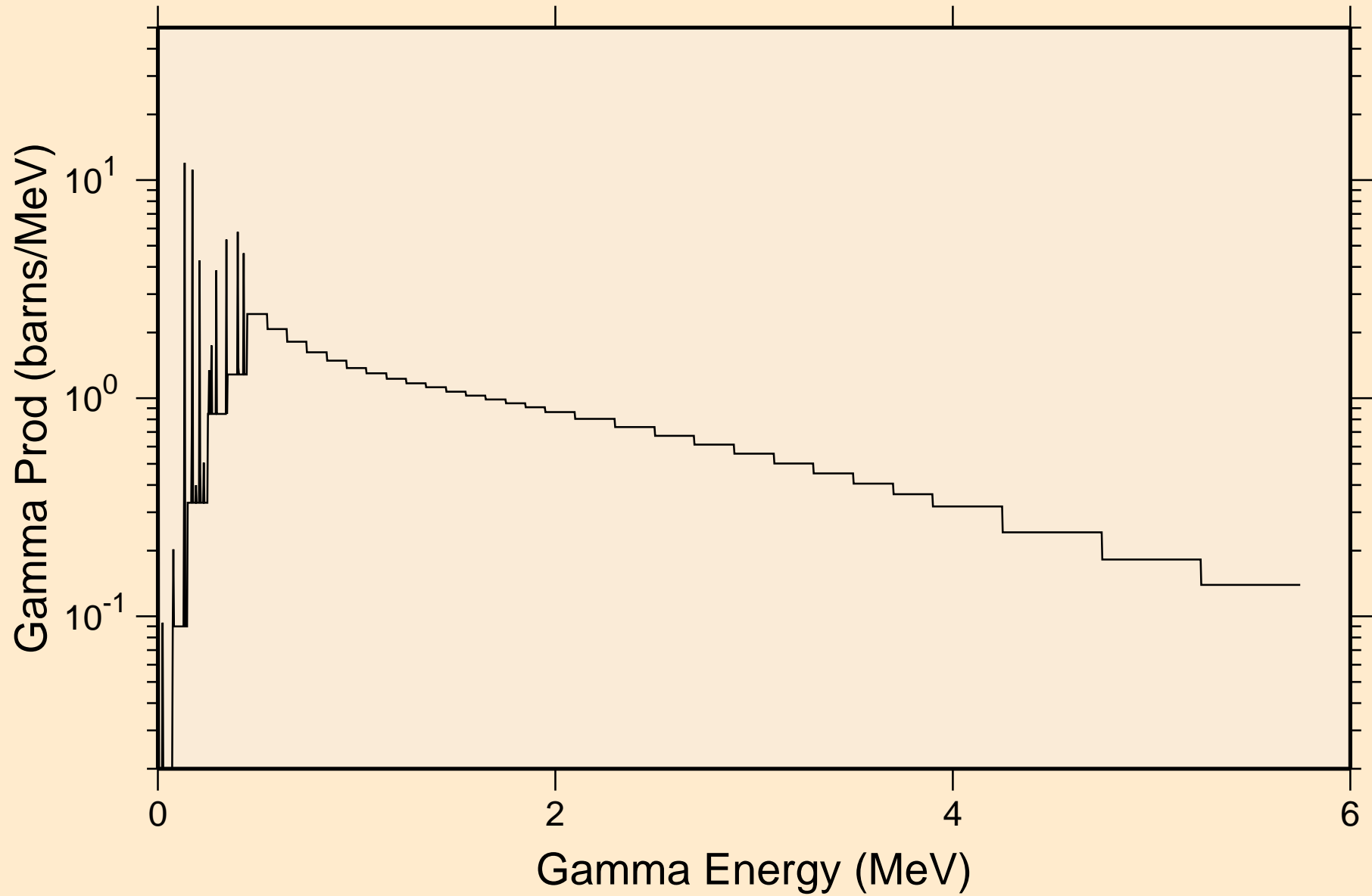
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



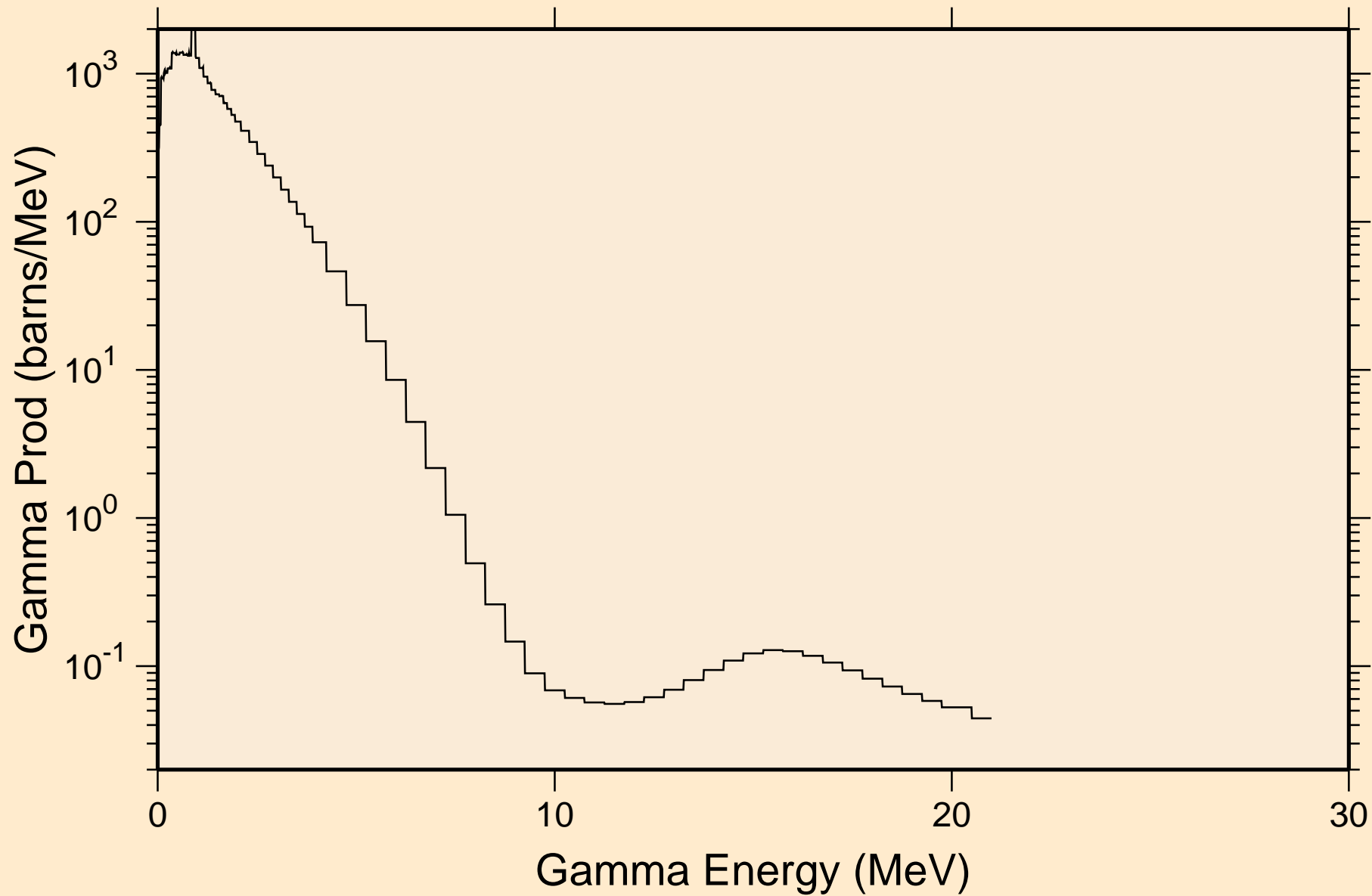
RU102 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



RU102 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

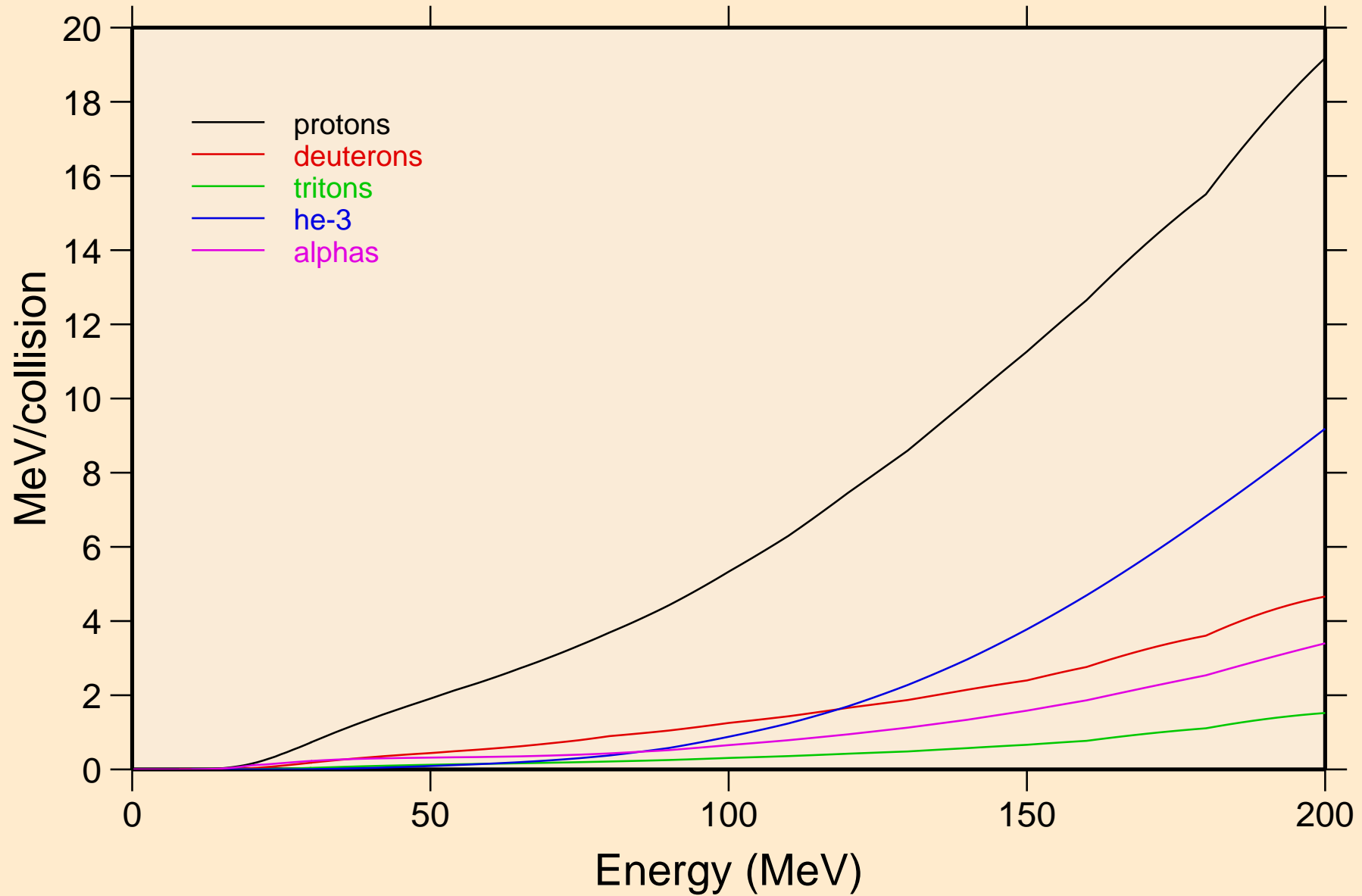


RU102 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



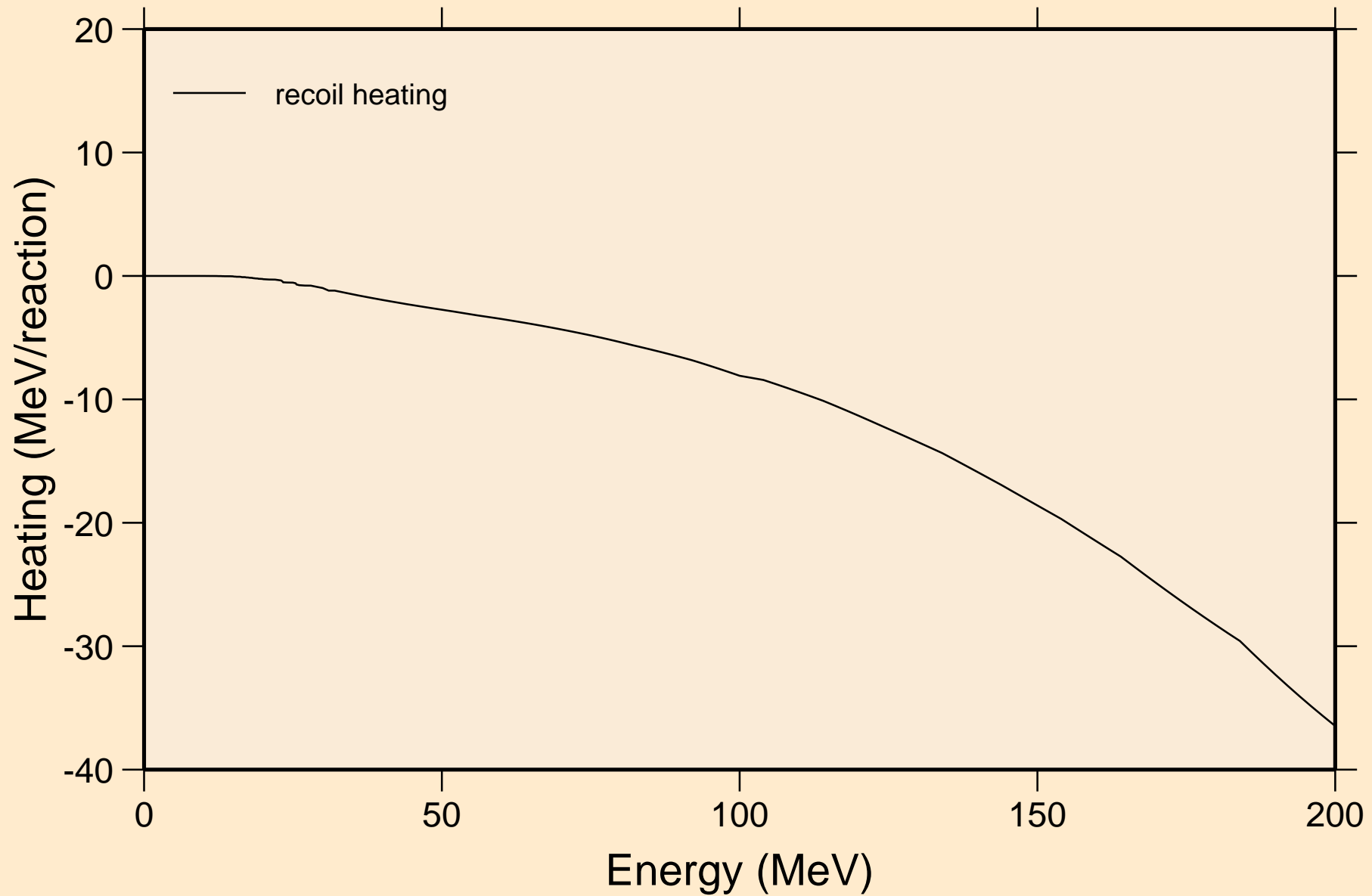
# RU102 NRG TENDL-2015, AKONING

## Particle heating contributions



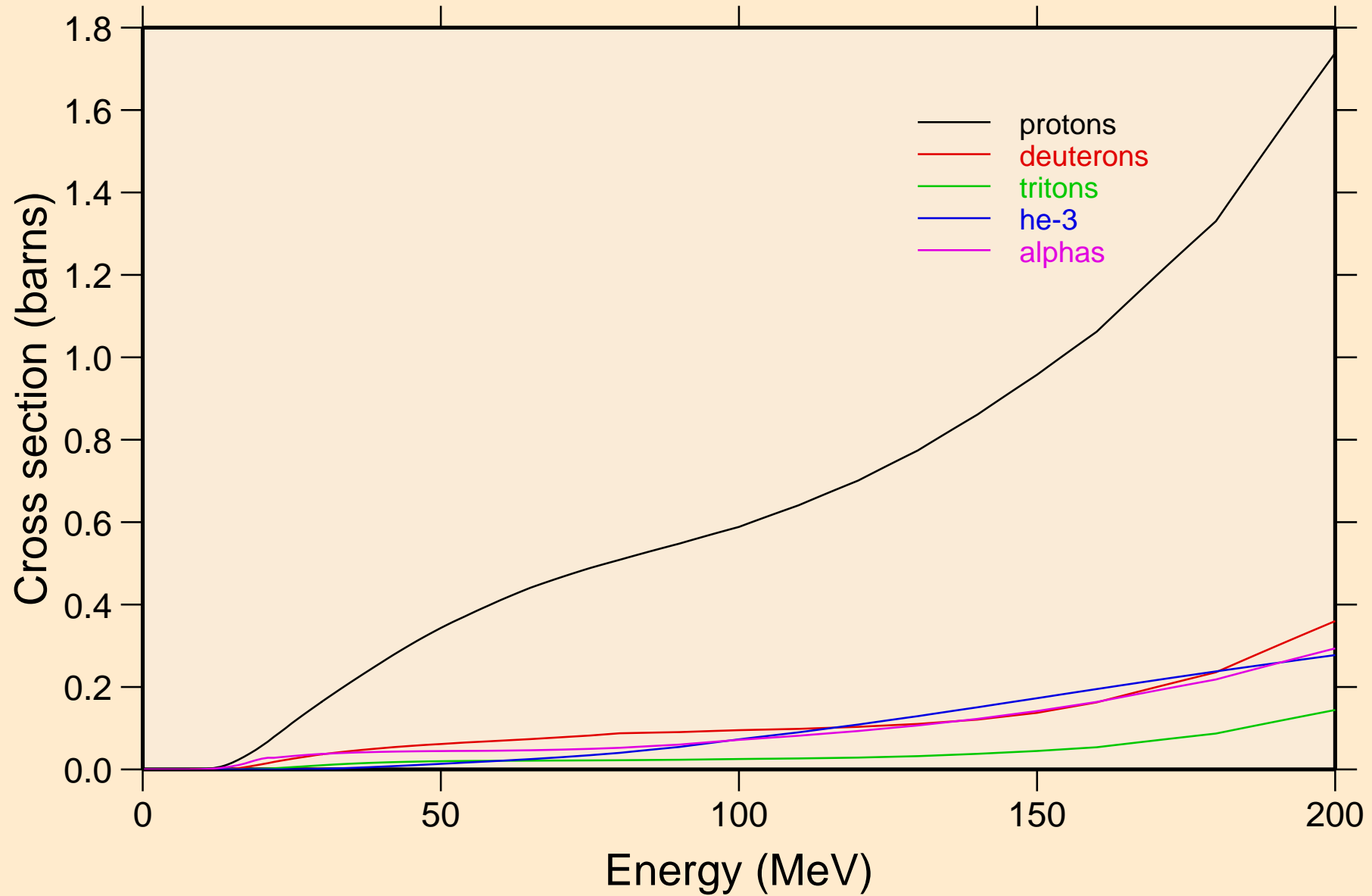
# RU102 NRG TENDL-2015, AKONING

## Recoil Heating

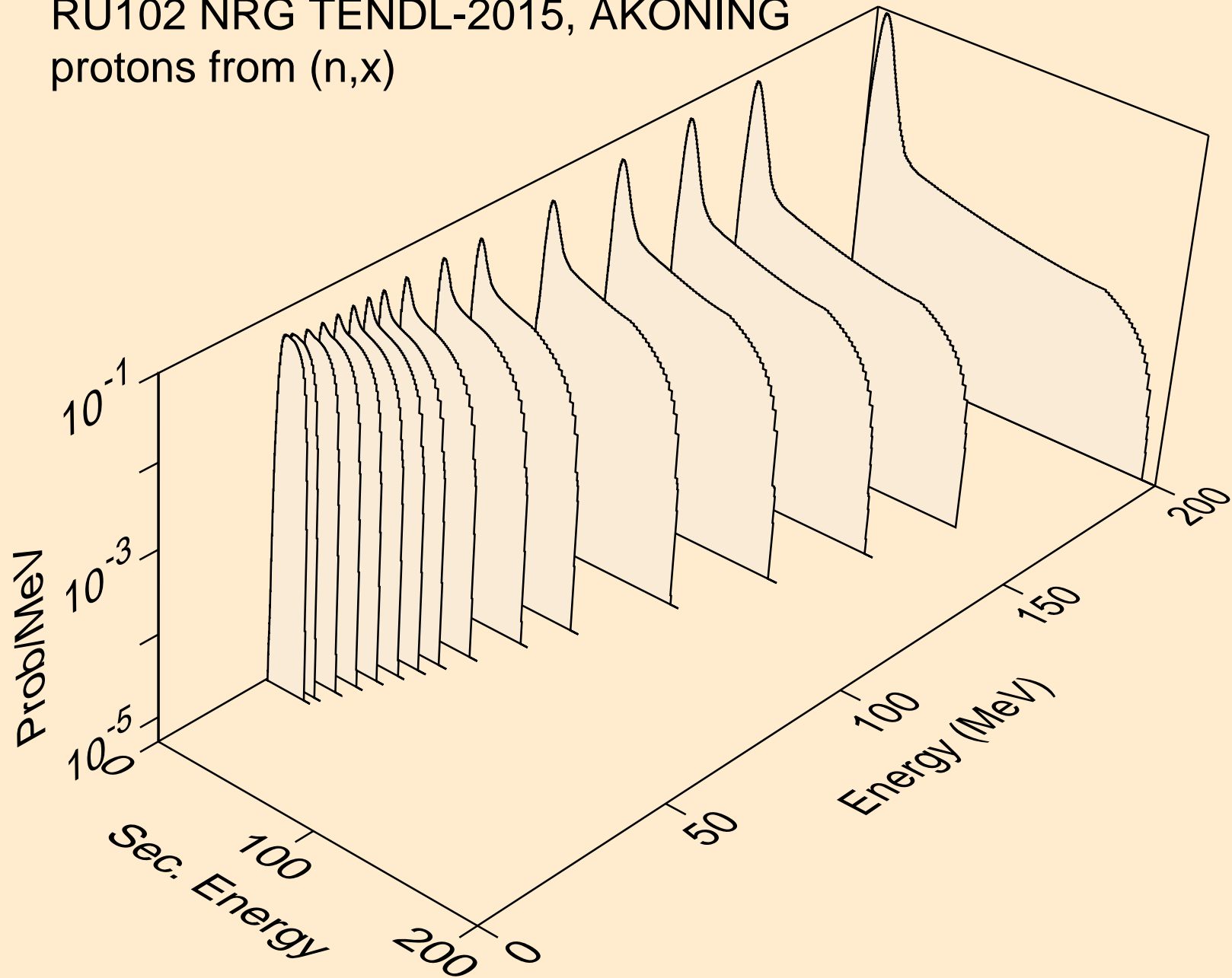


# RU102 NRG TENDL-2015, AKONING

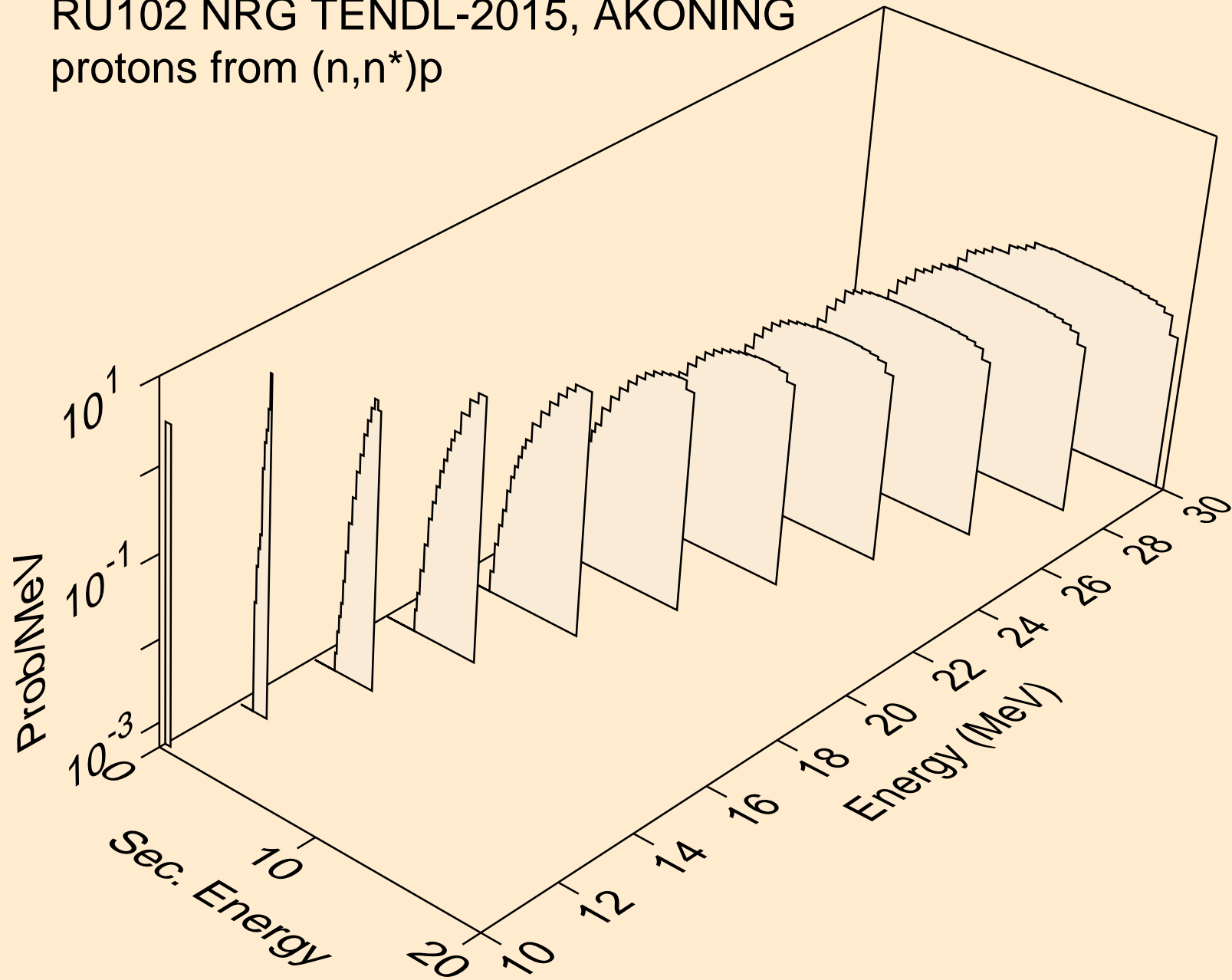
## Particle production cross sections



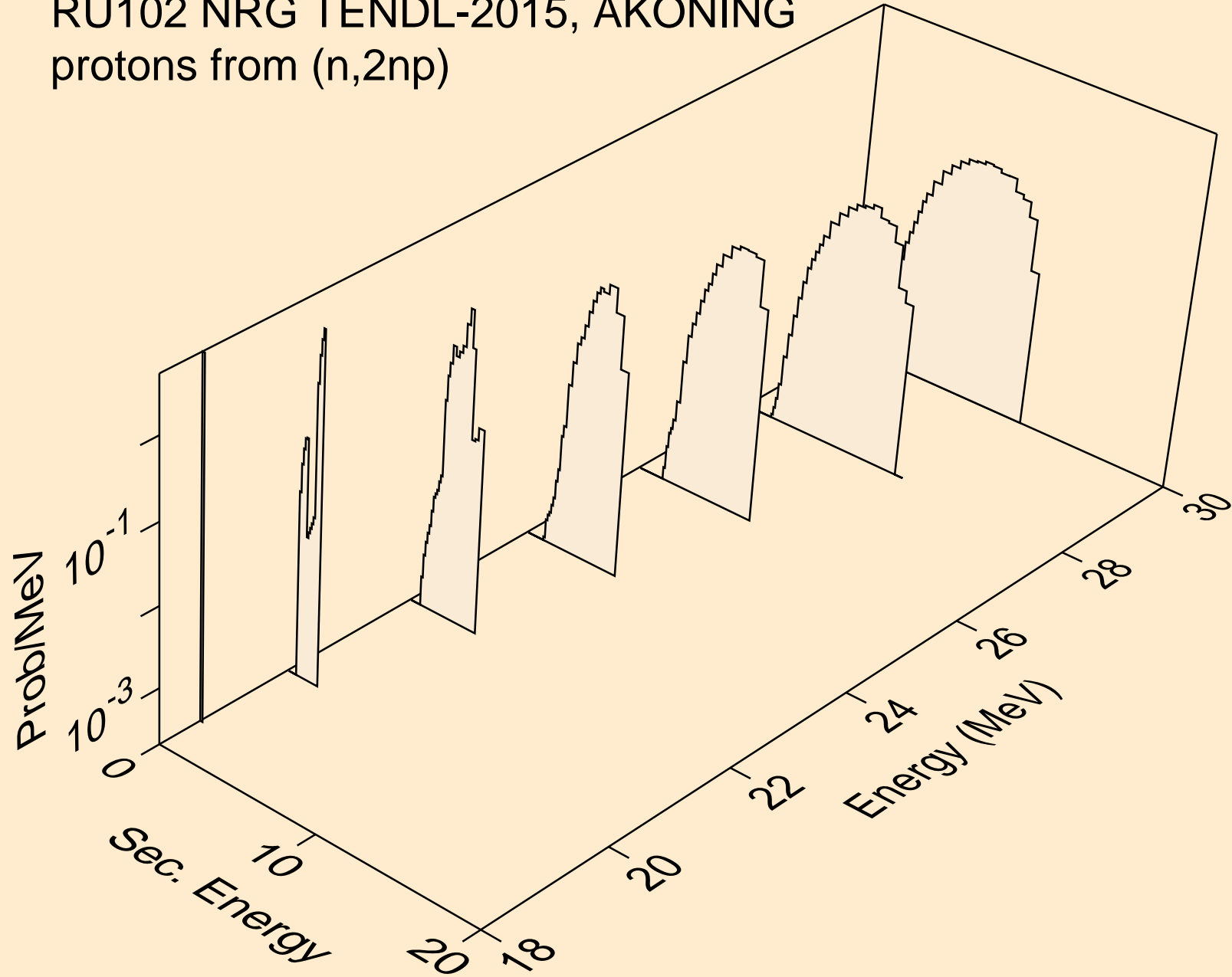
RU102 NRG TENDL-2015, AKONING  
protons from (n,x)



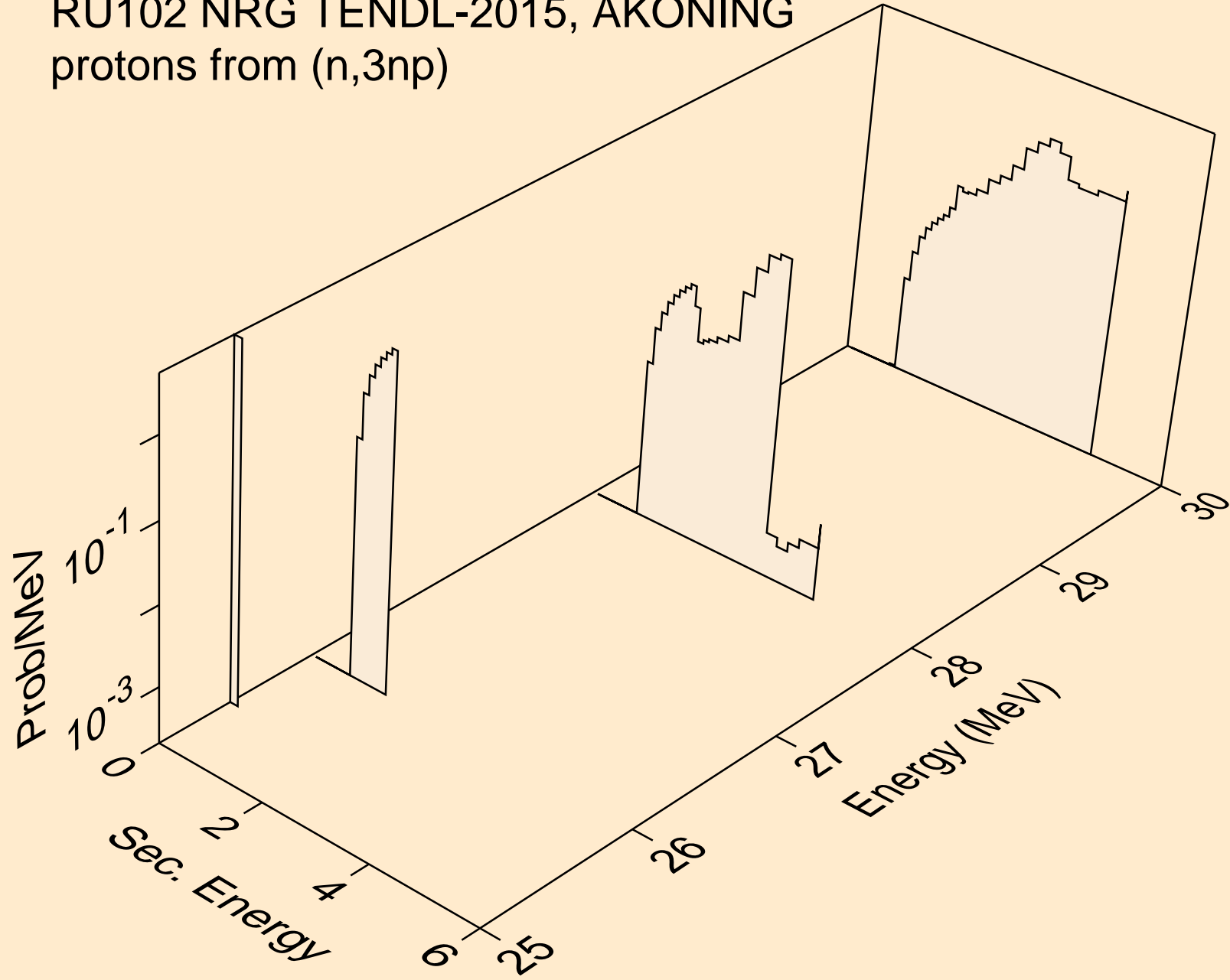
RU102 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



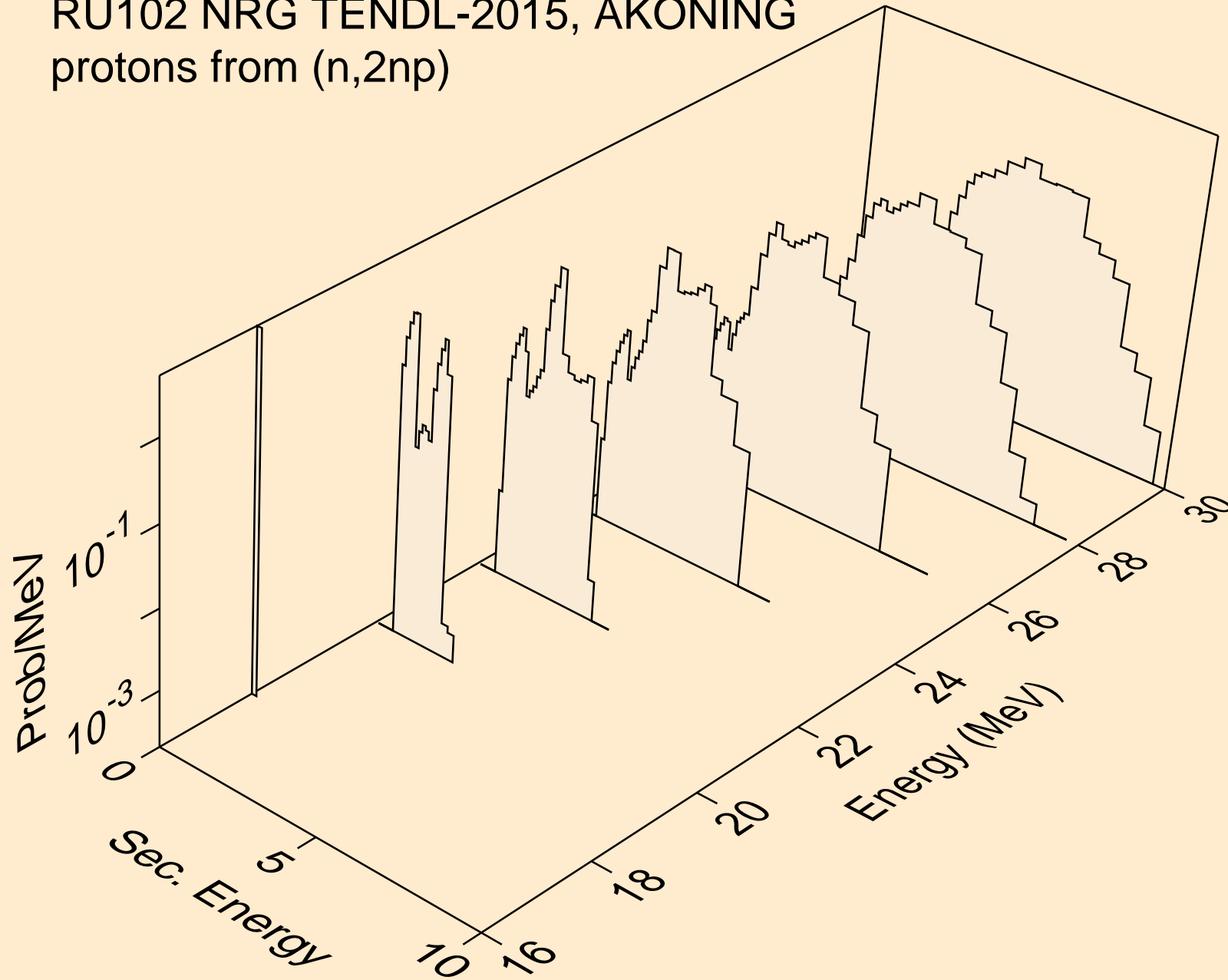
RU102 NRG TENDL-2015, AKONING  
protons from (n,2np)



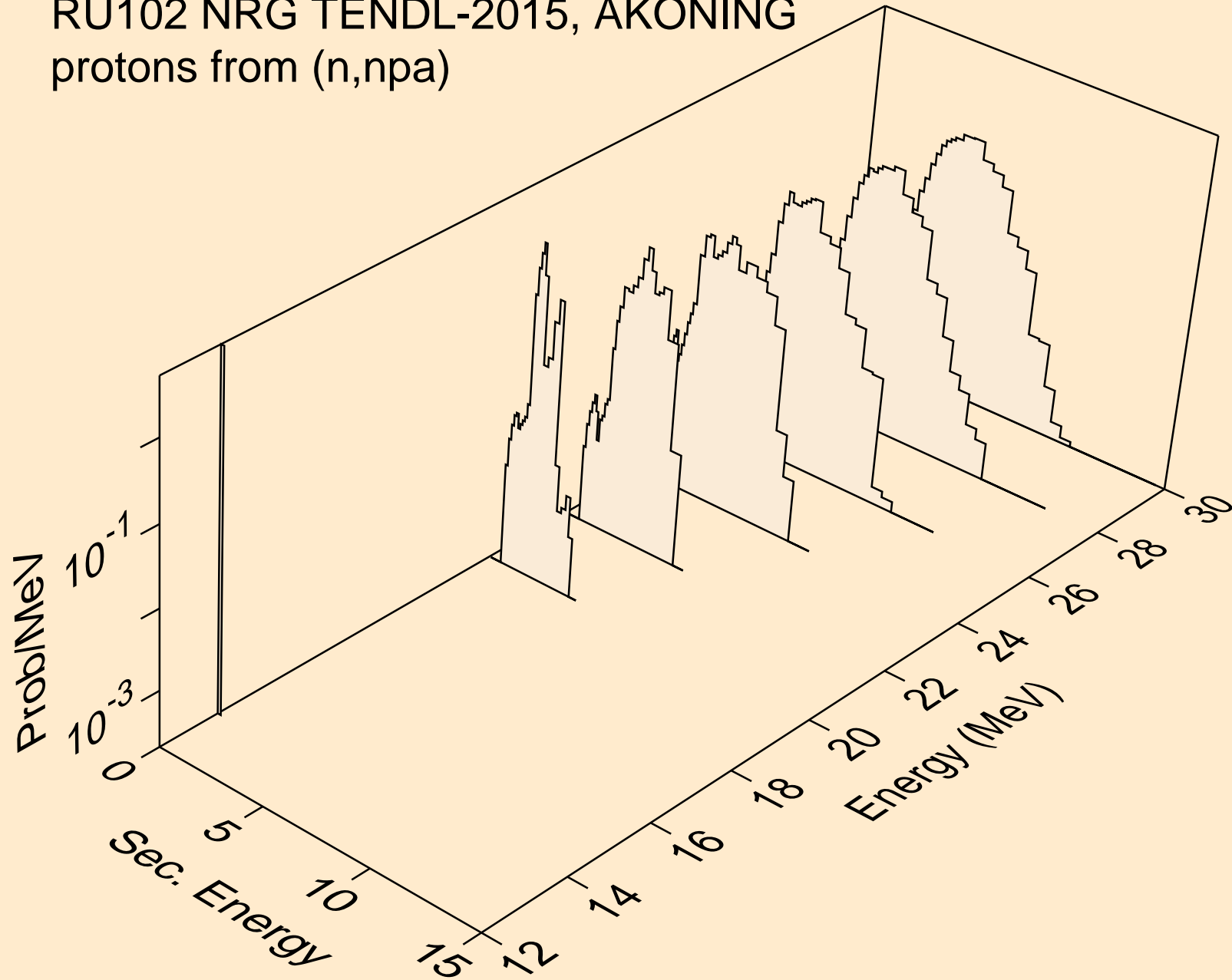
RU102 NRG TENDL-2015, AKONING  
protons from (n,3np)



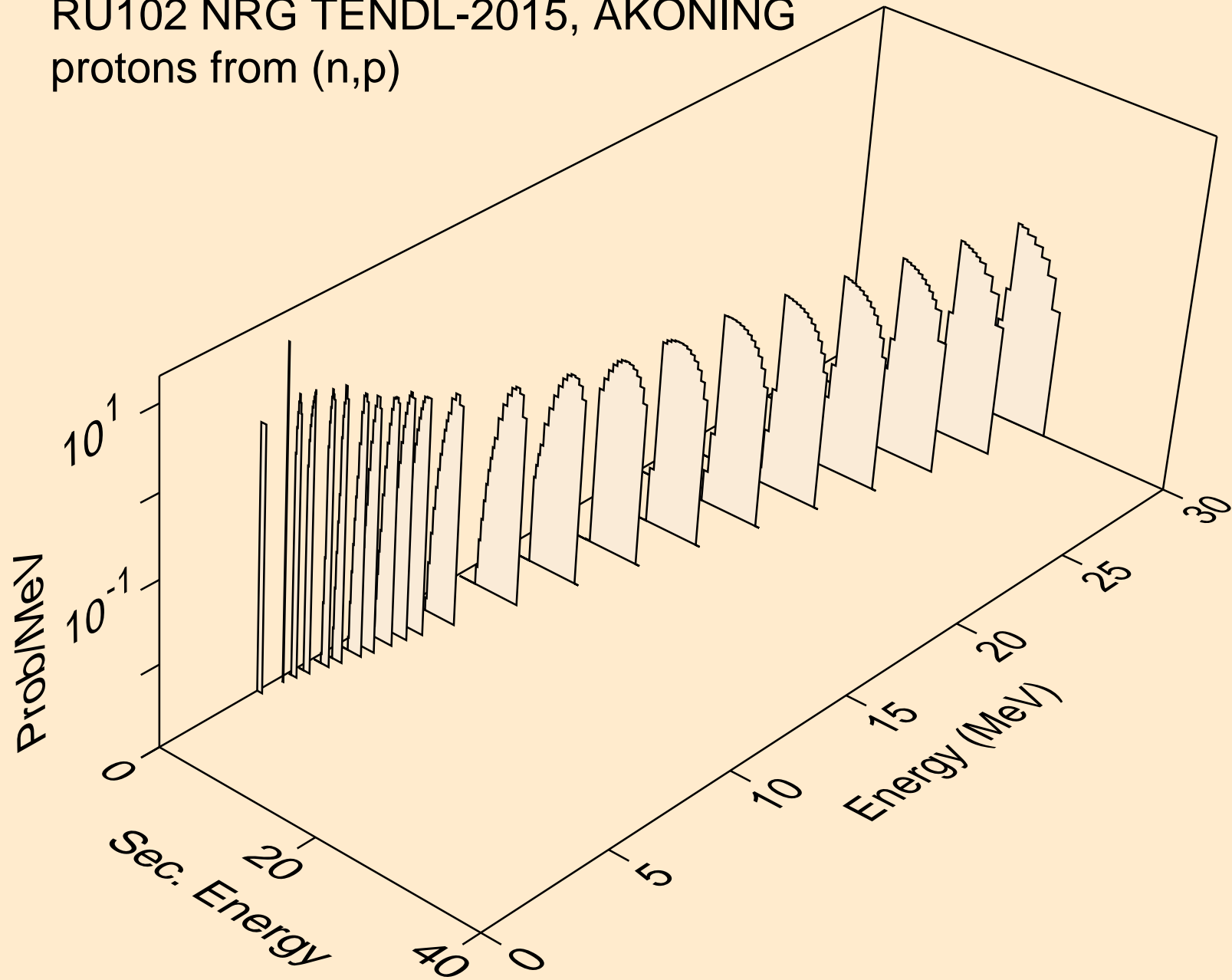
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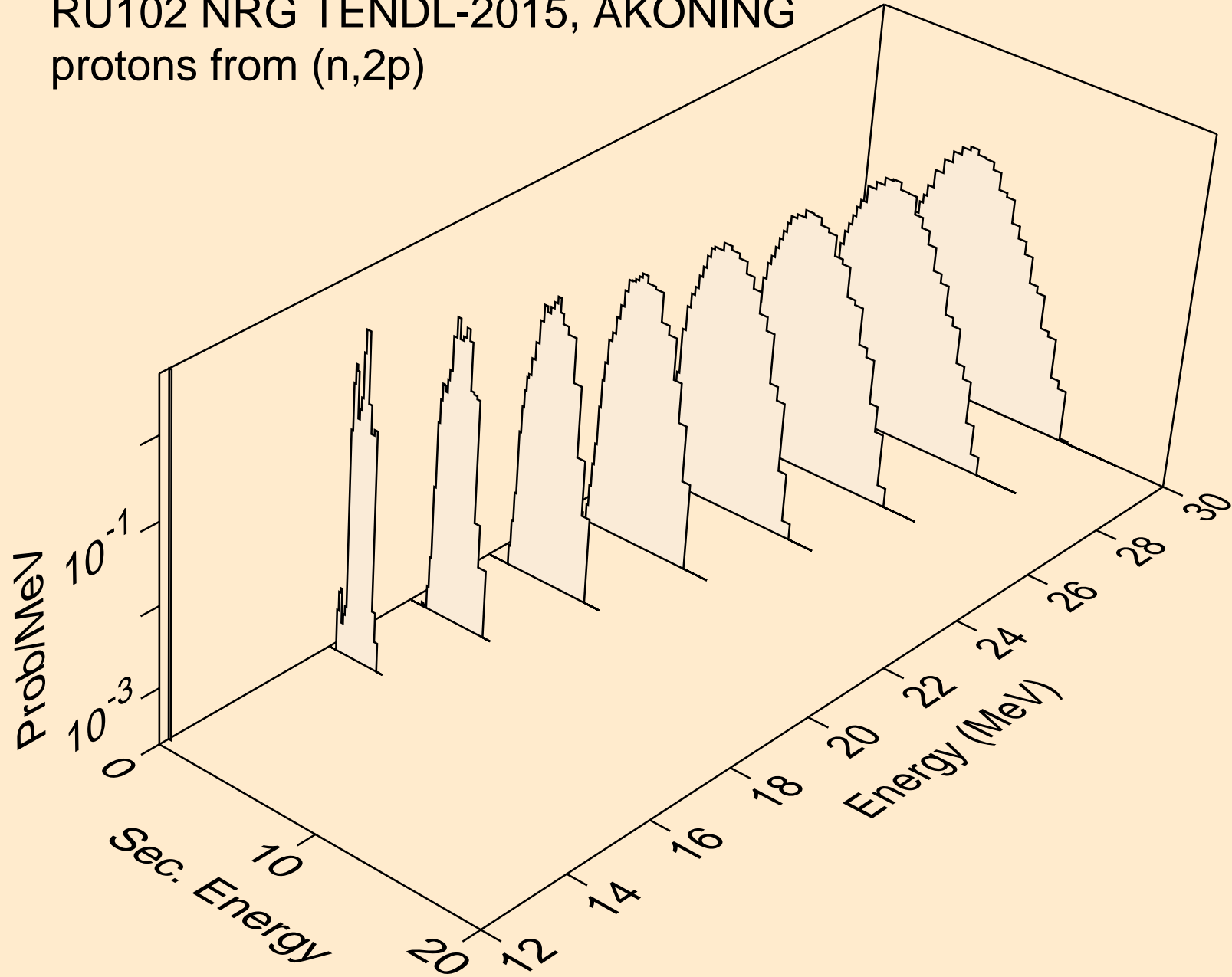
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protons from (n,npa)



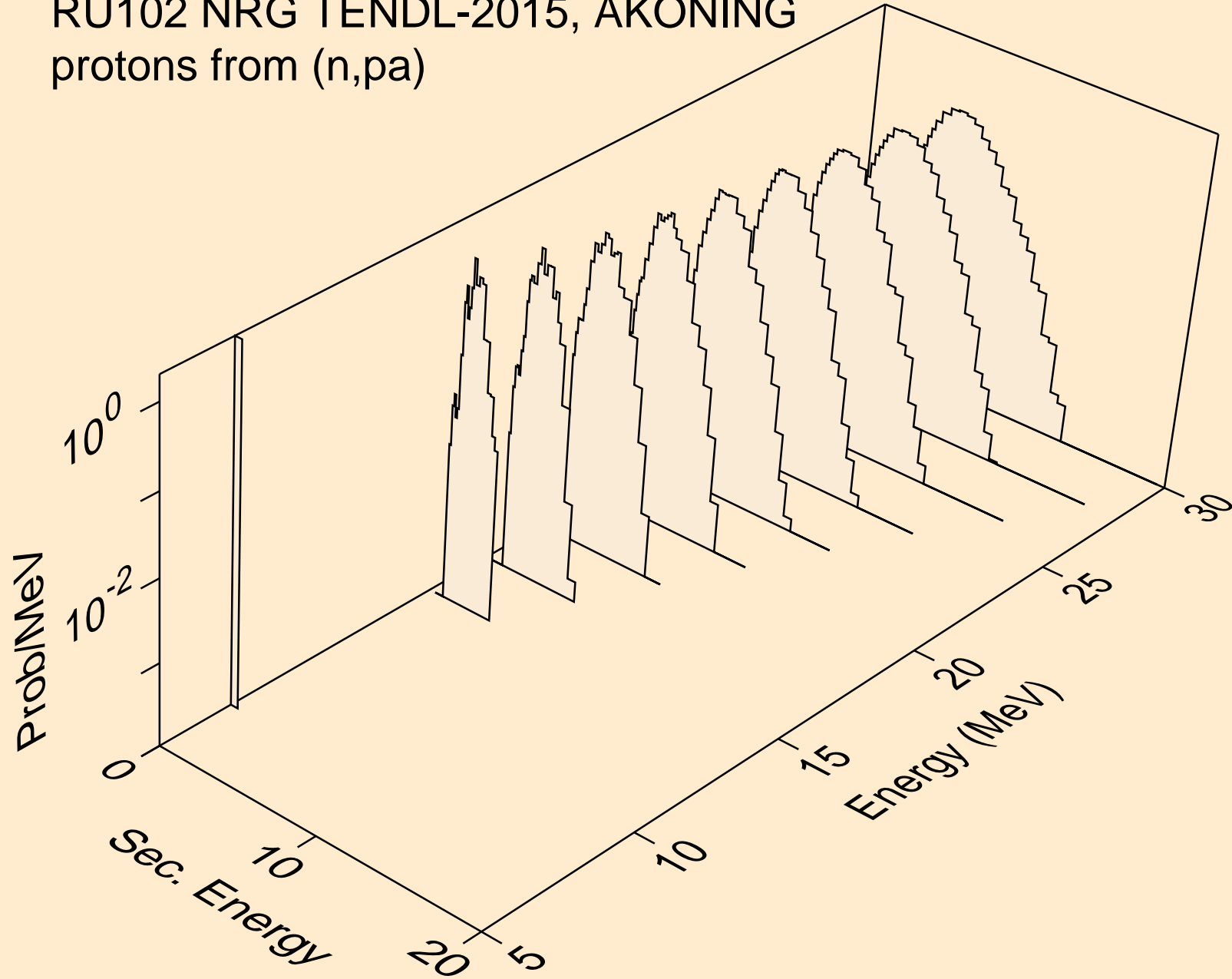
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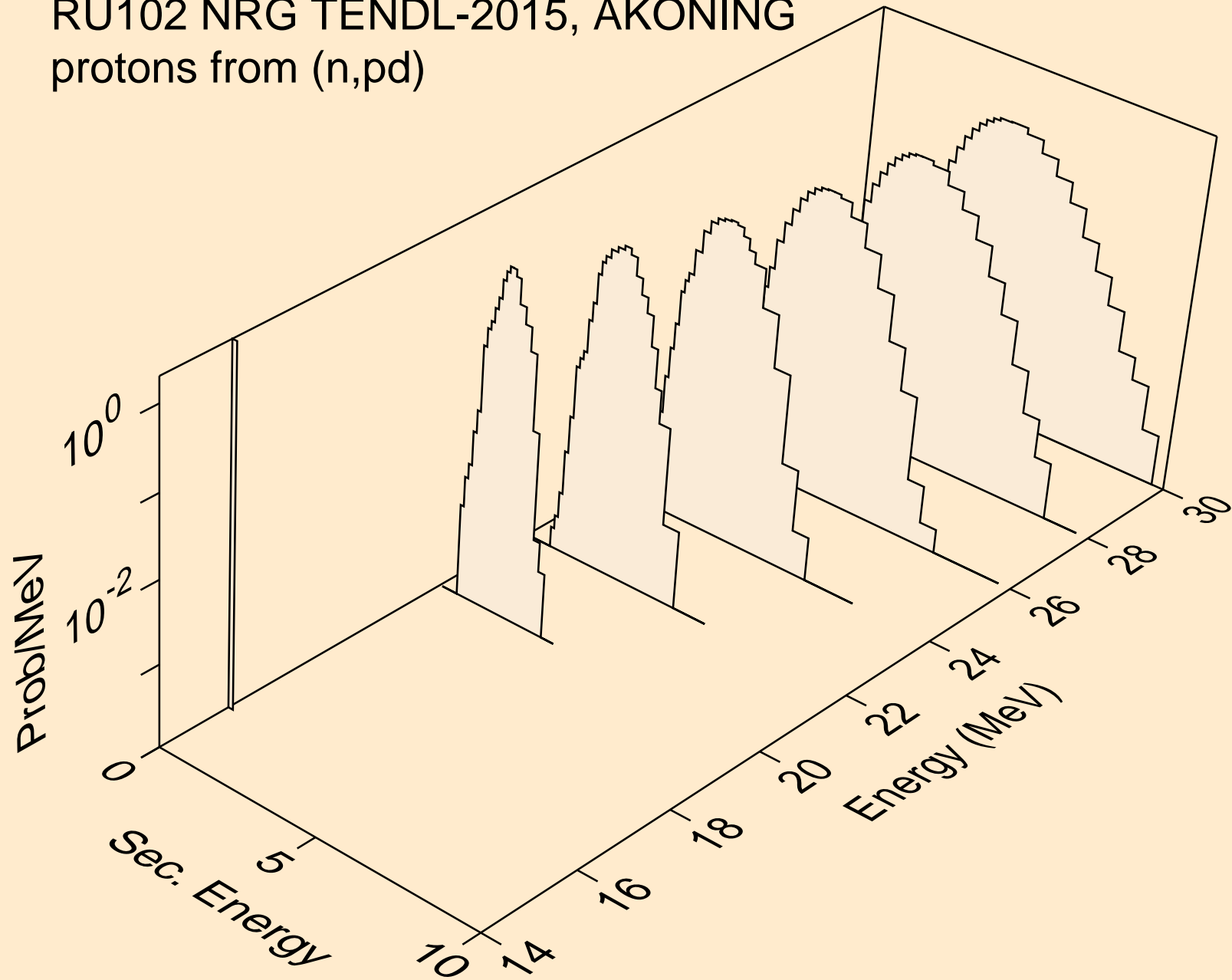
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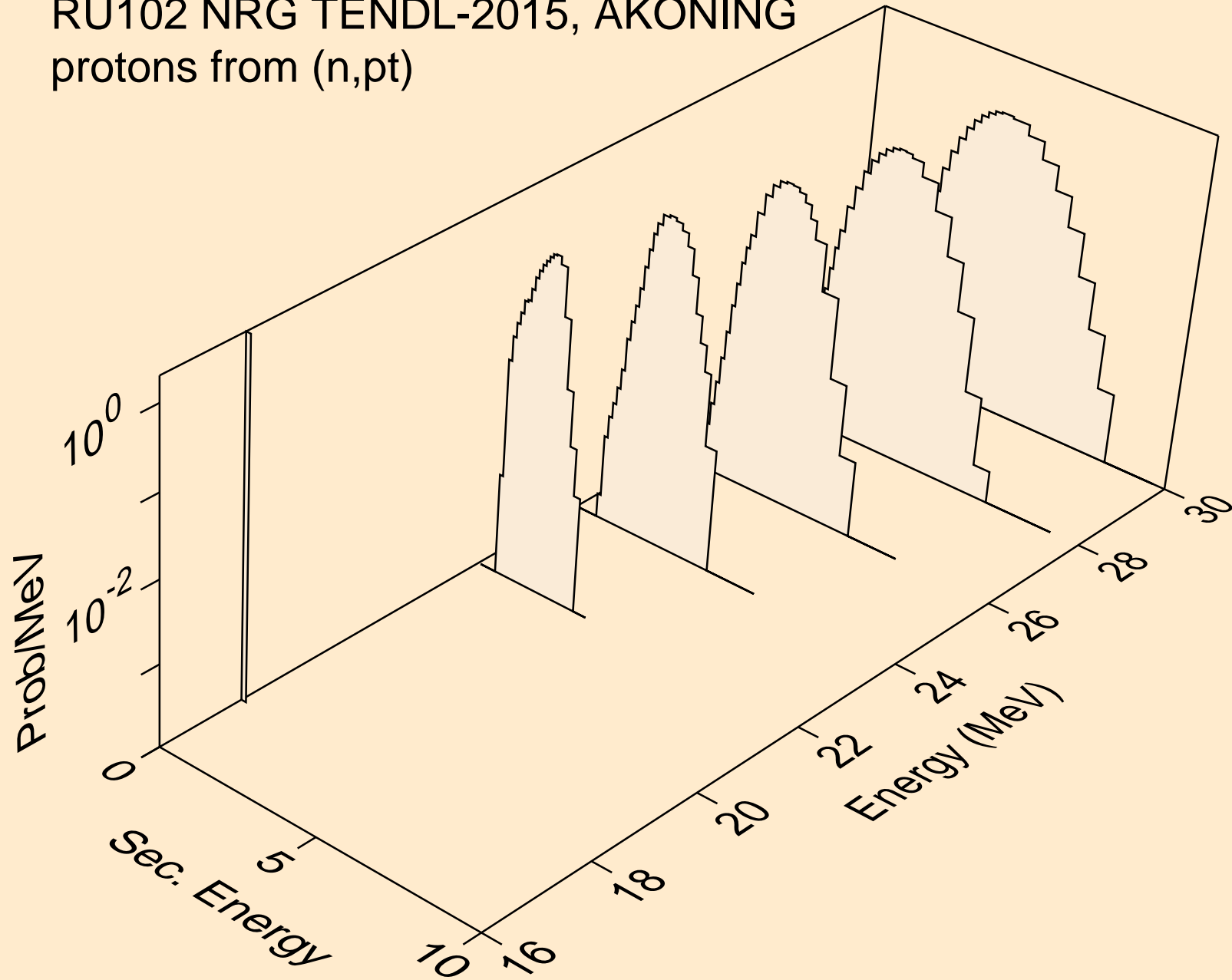
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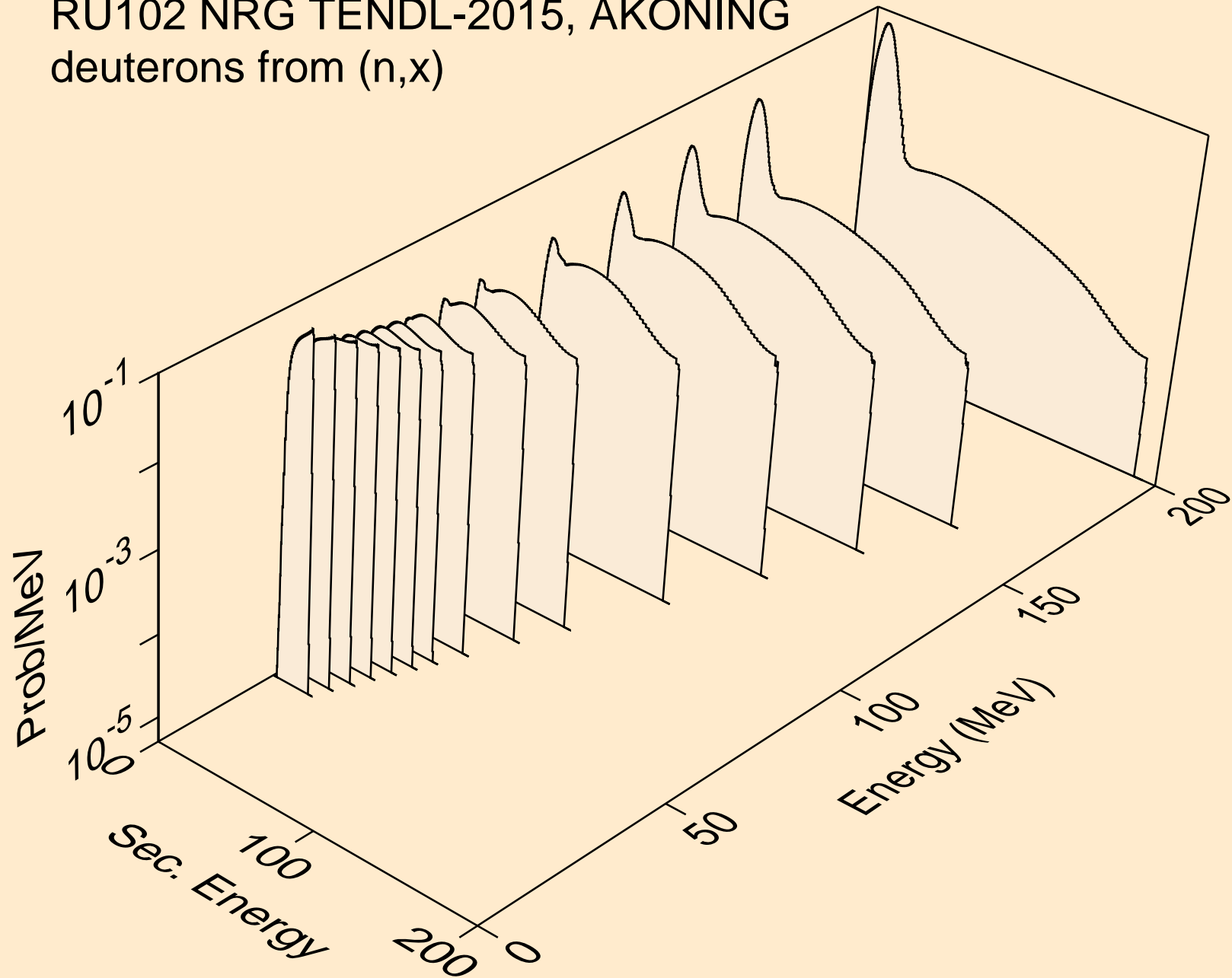
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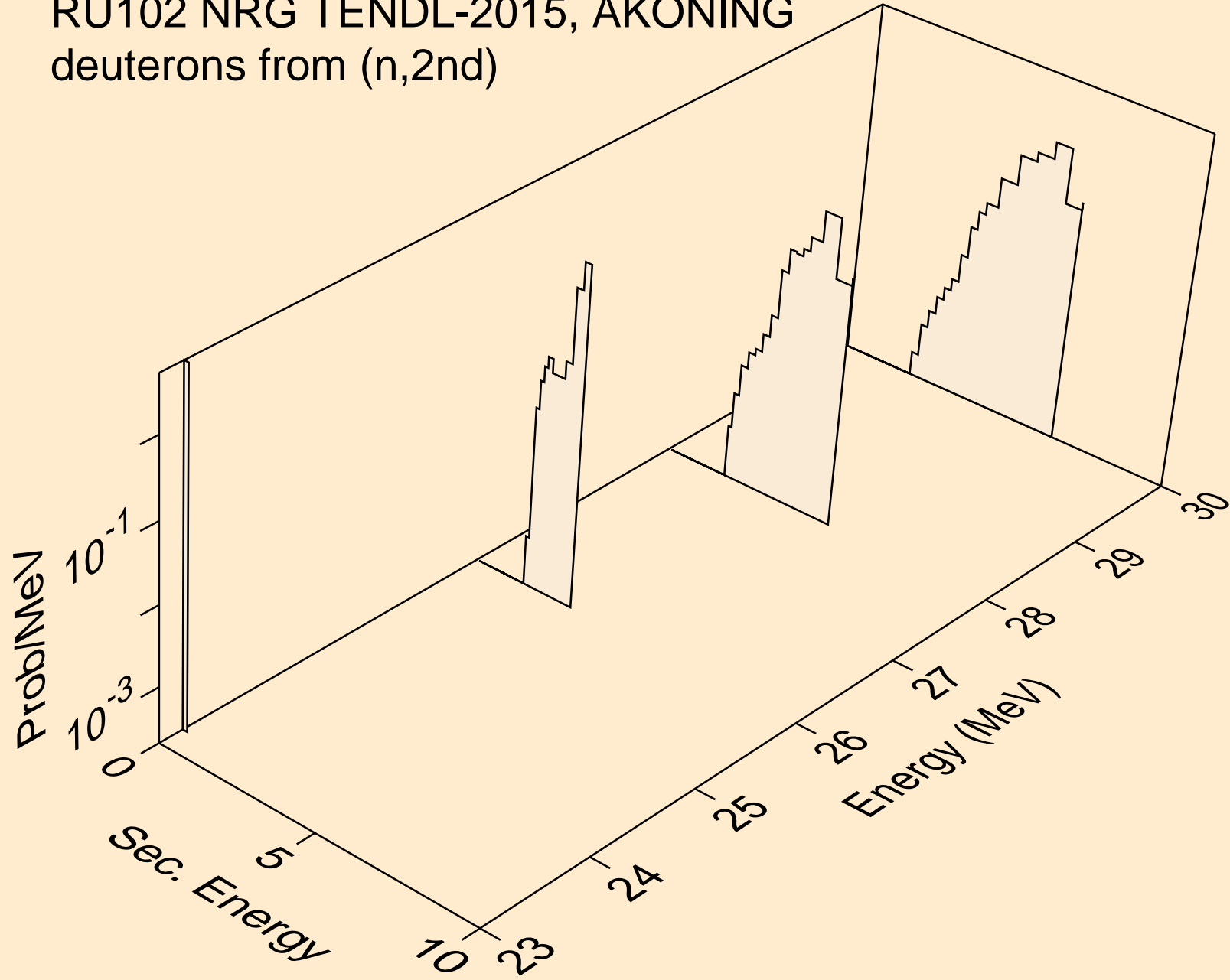
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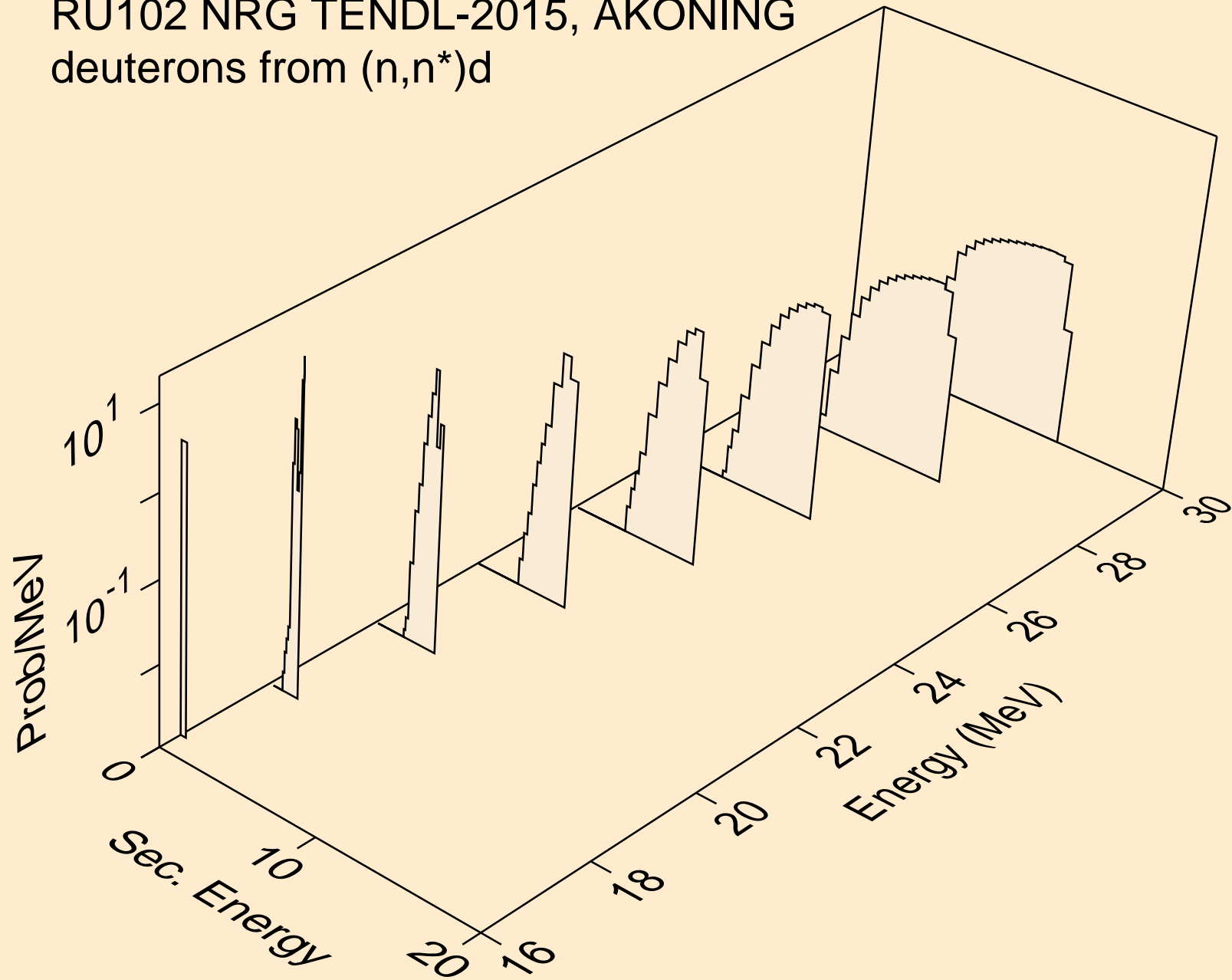
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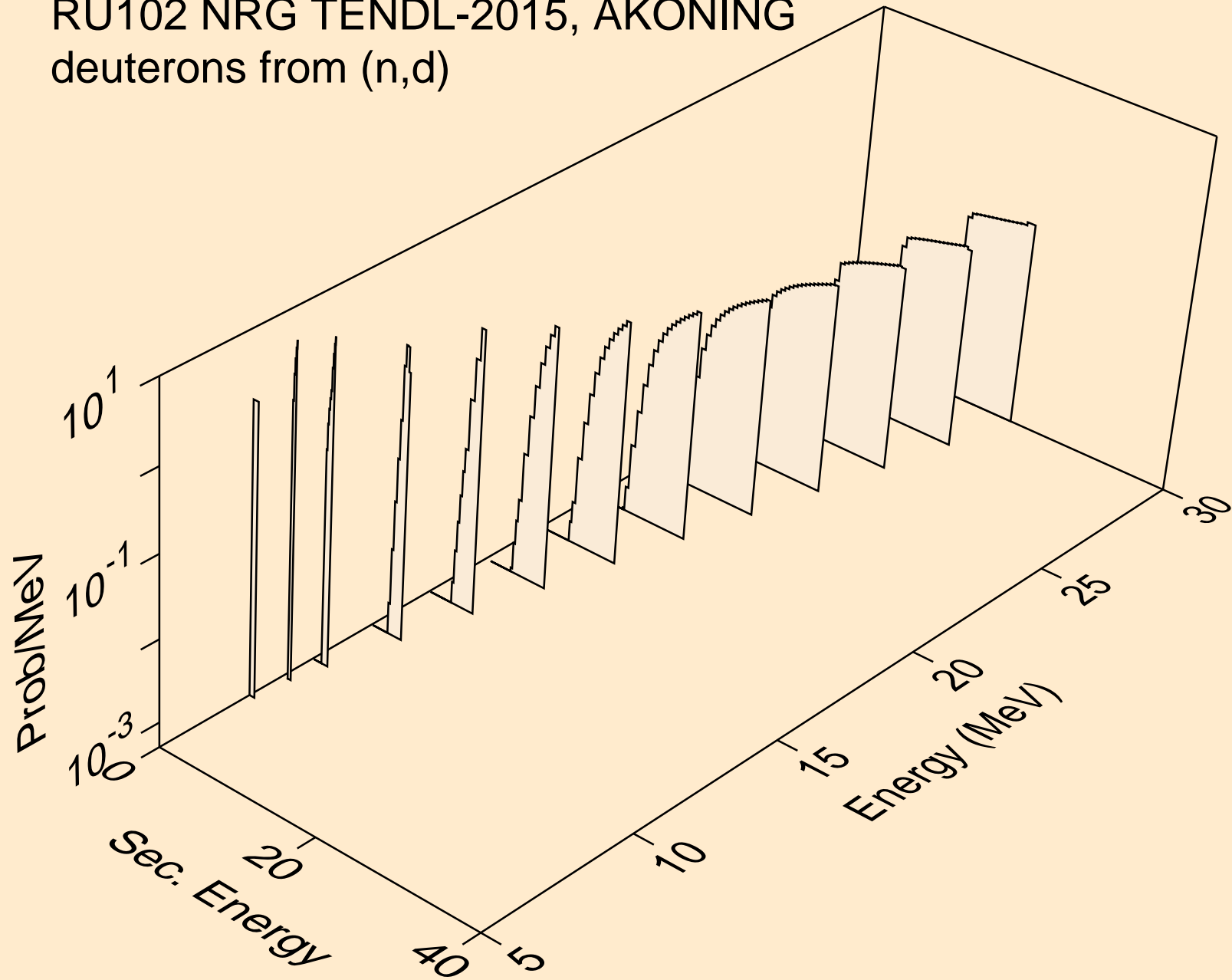
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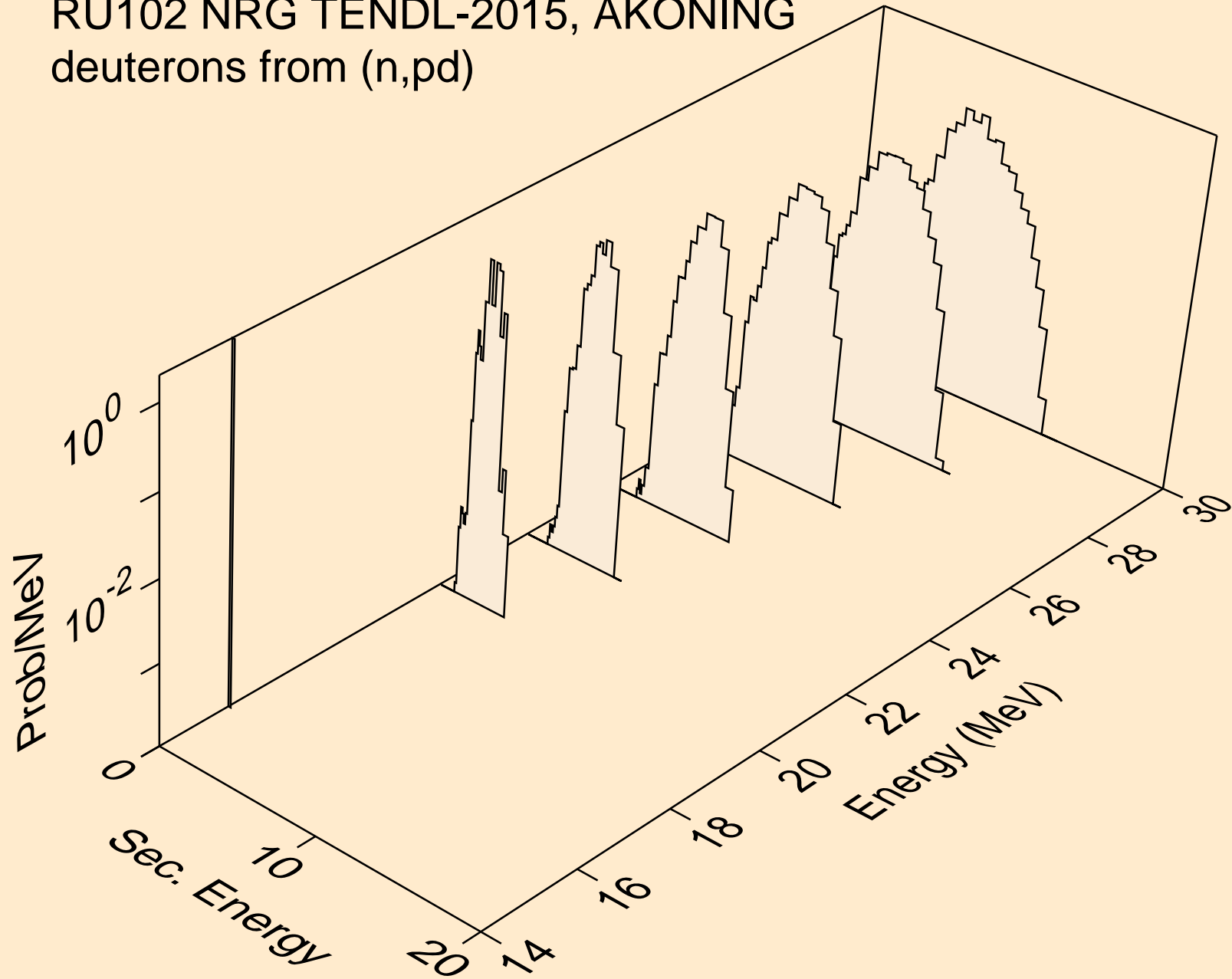
RU102 NRG TENDL-2015, AKONING  
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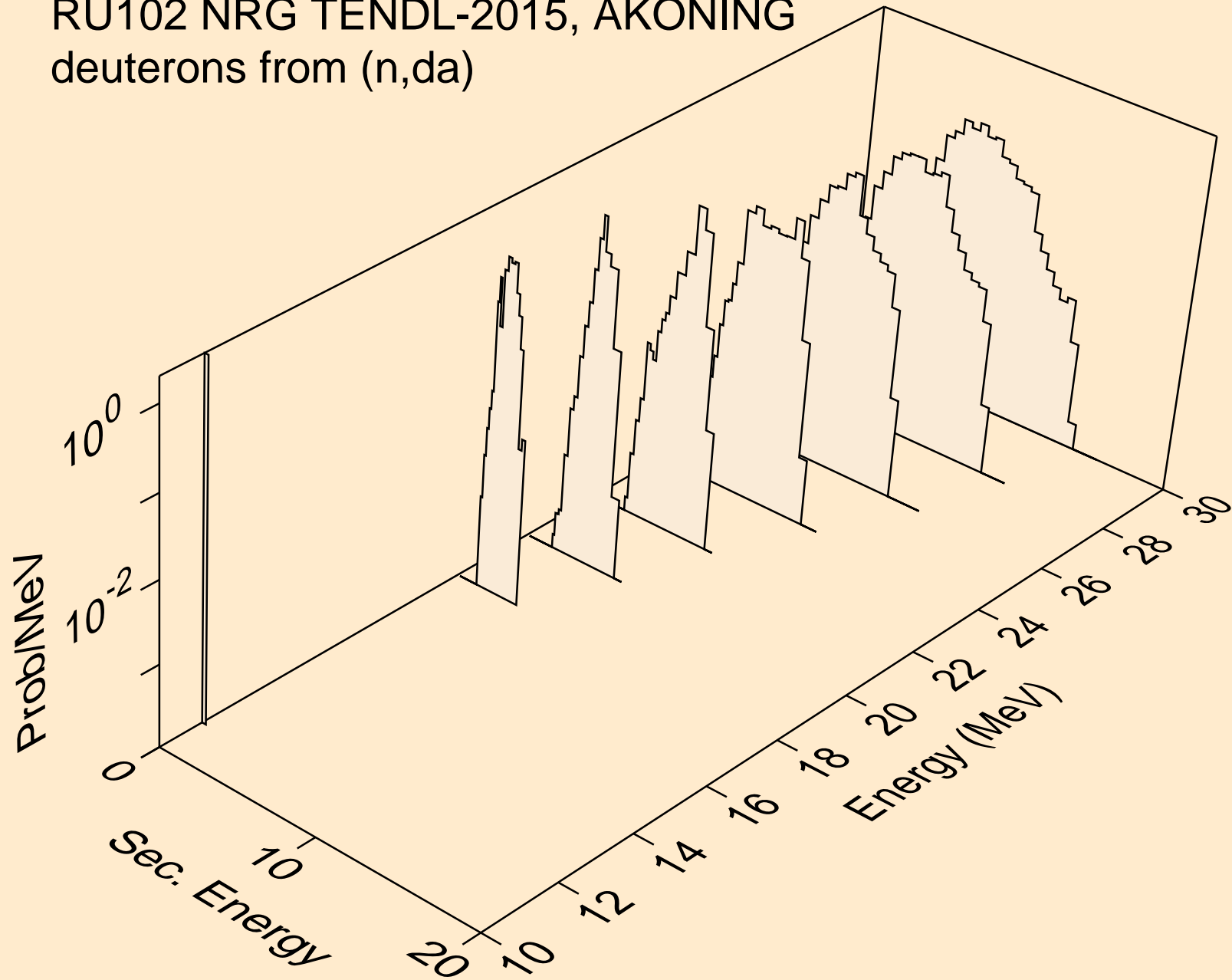
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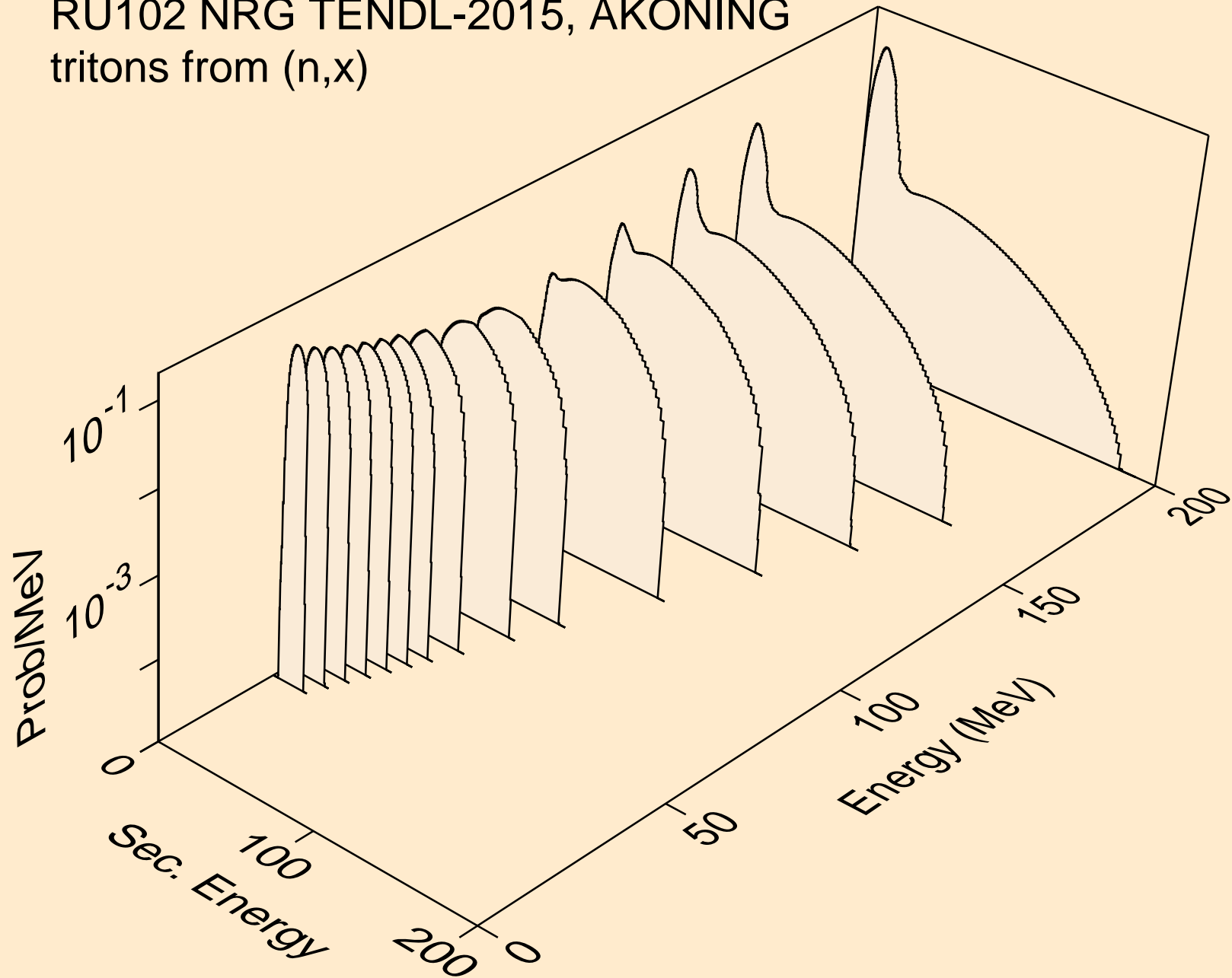
RU102 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



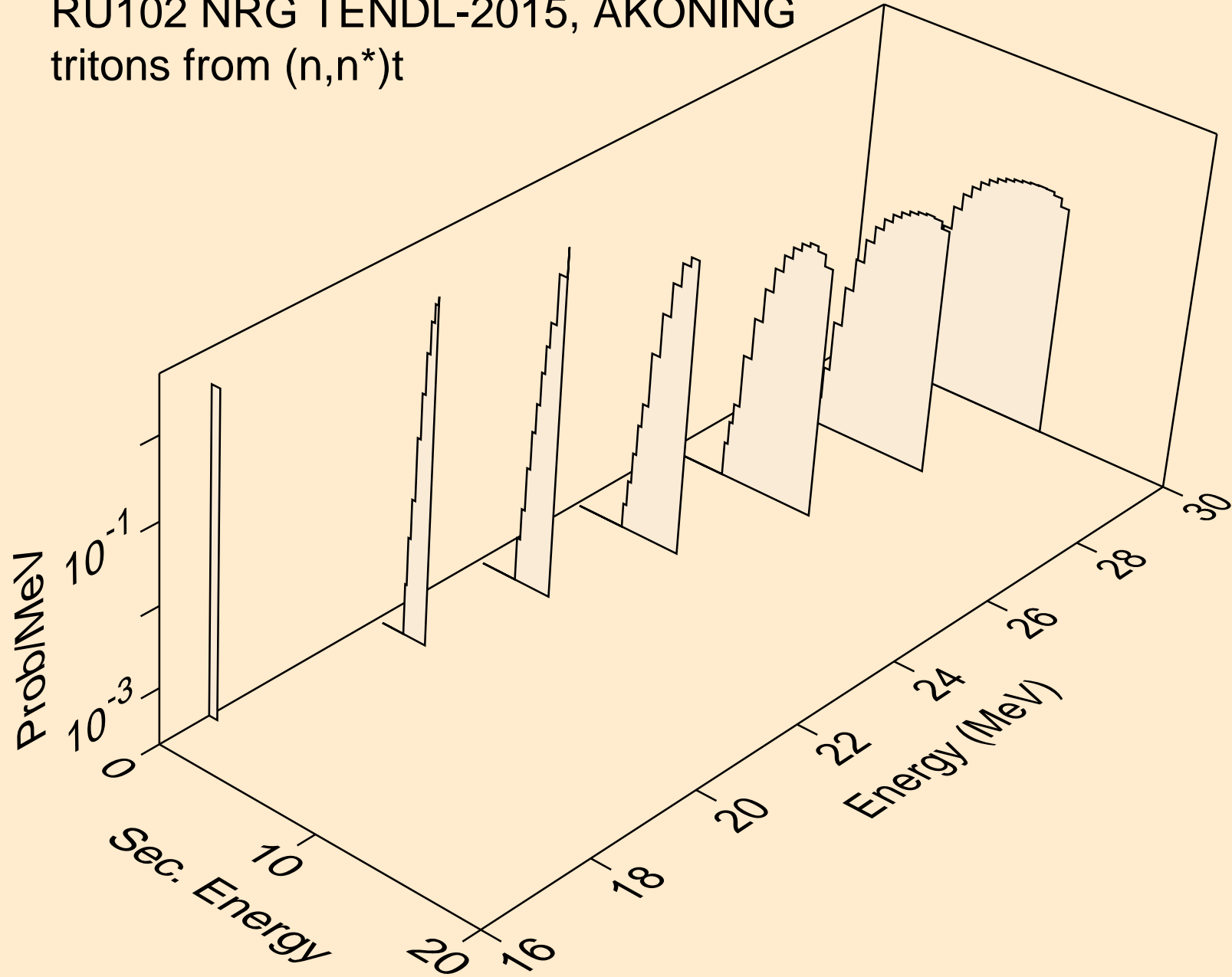
RU102 NRG TENDL-2015, AKONING  
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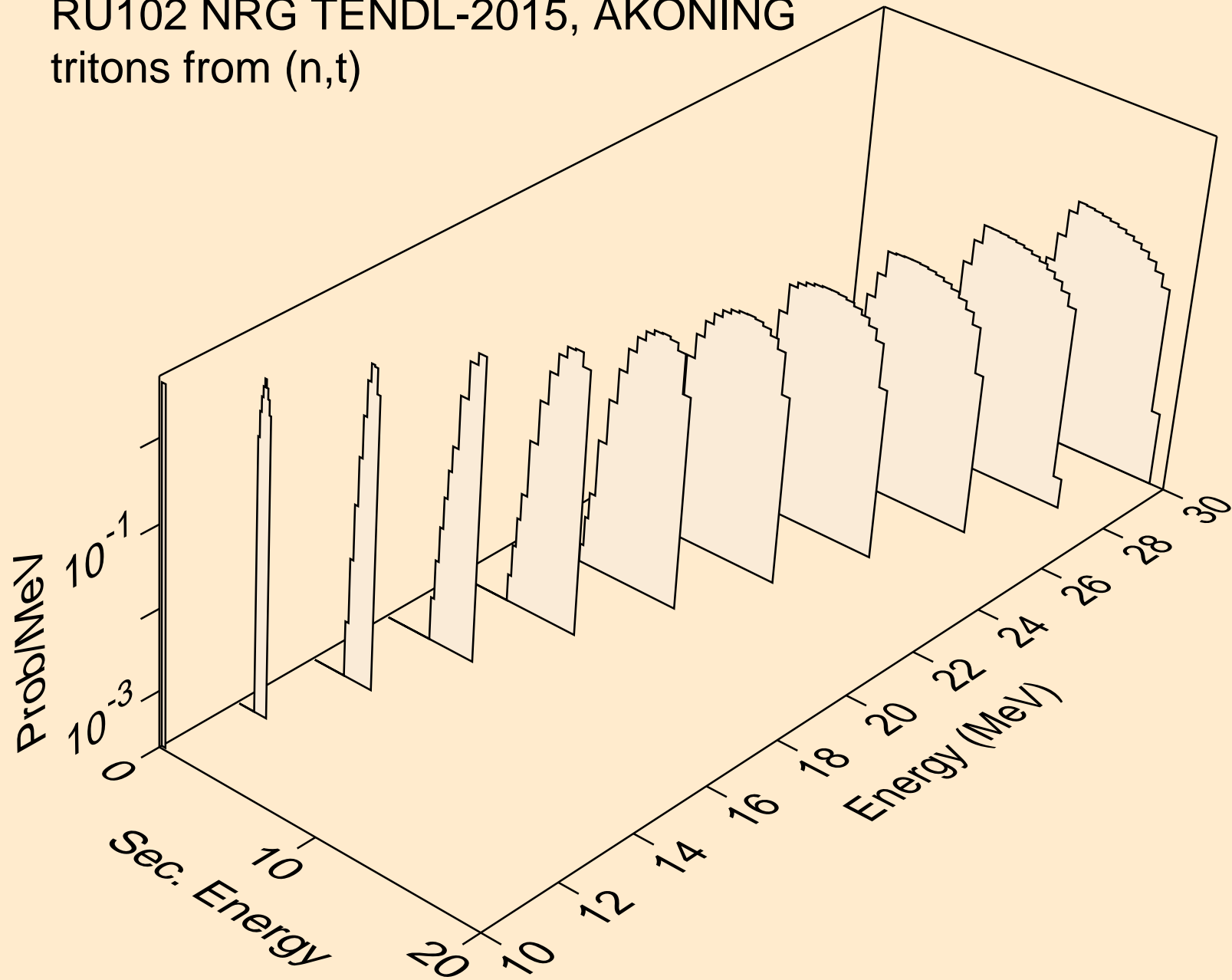
RU102 NRG TENDL-2015, AKONING  
tritons from (n,x)



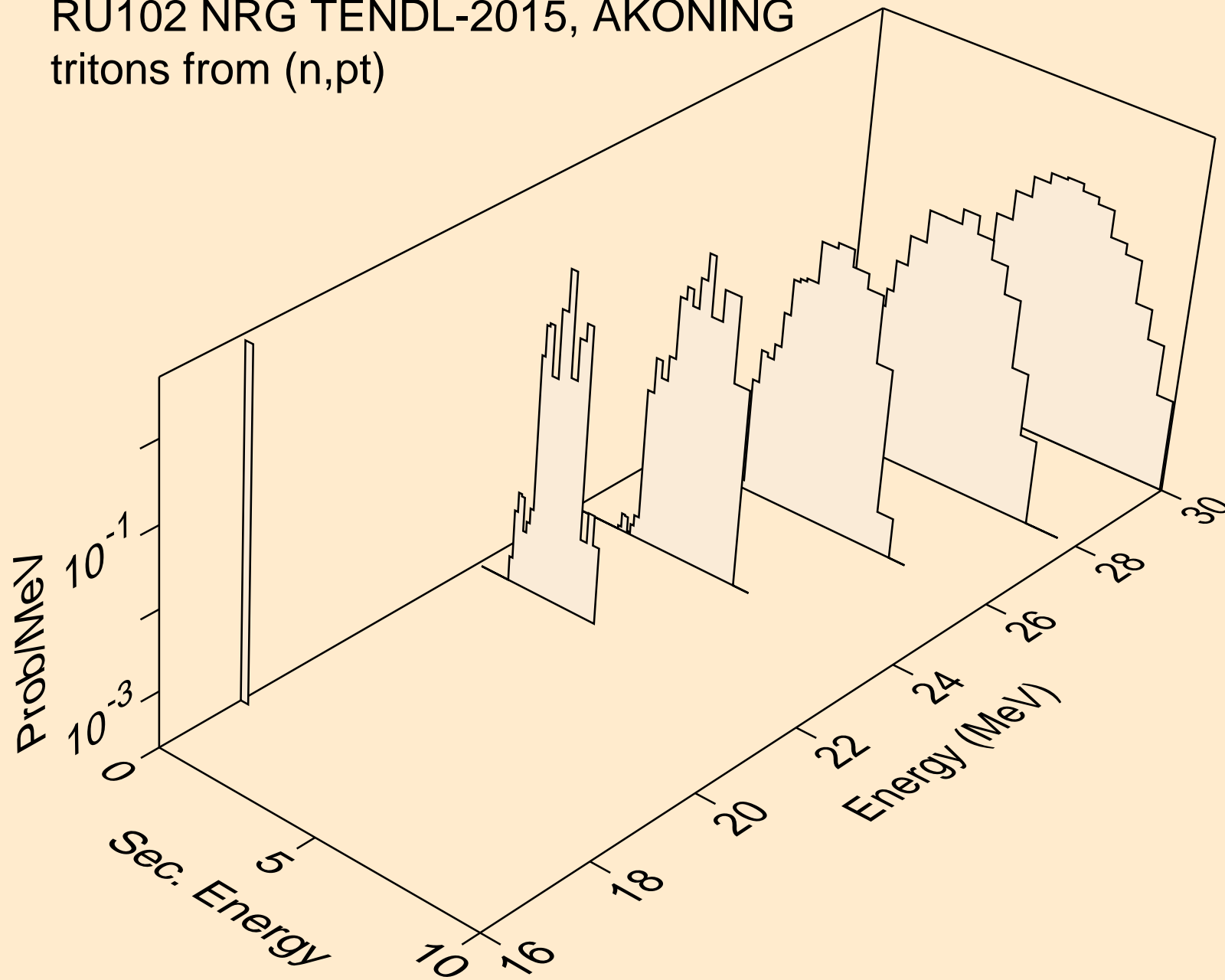
RU102 NRG TENDL-2015, AKONING  
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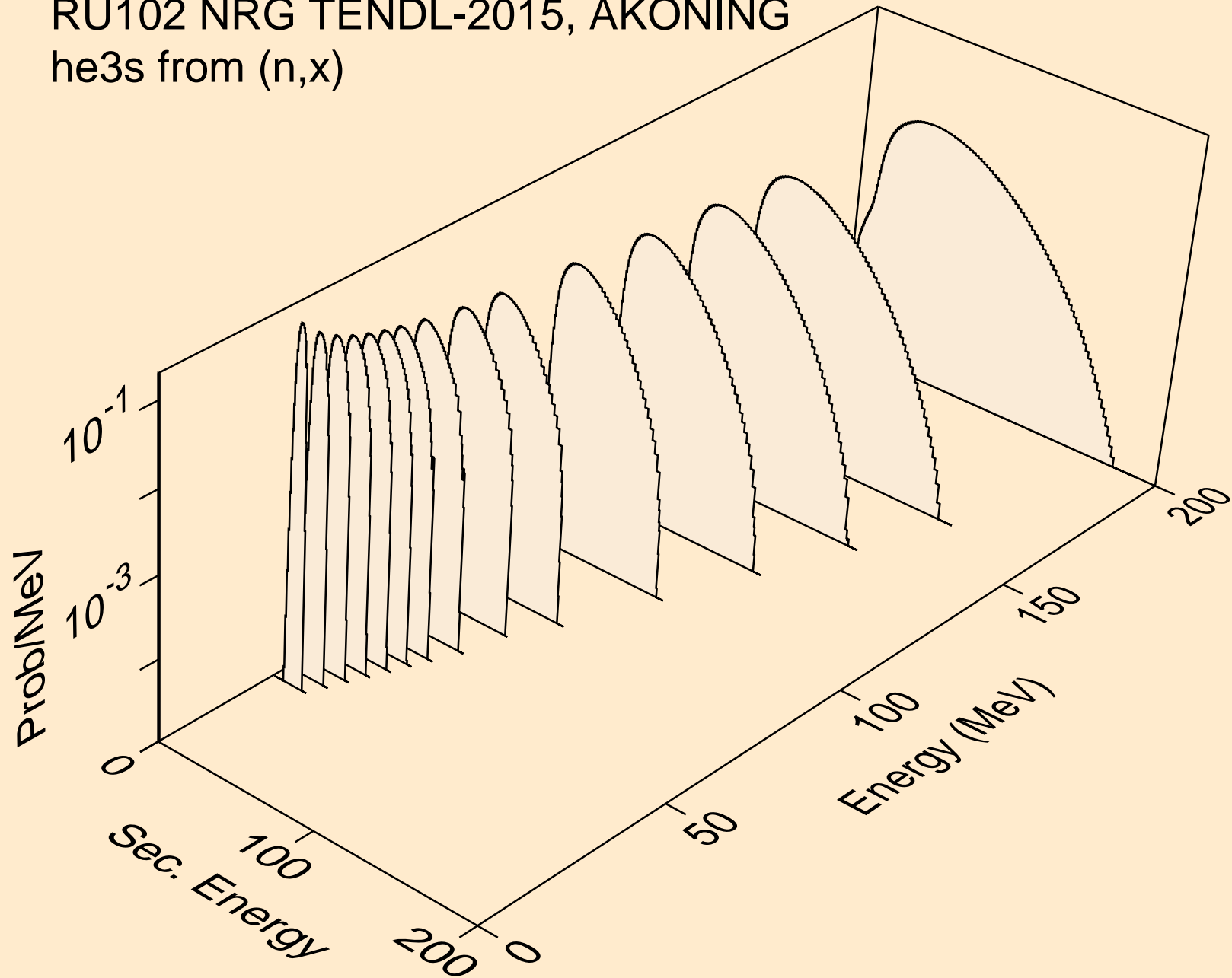
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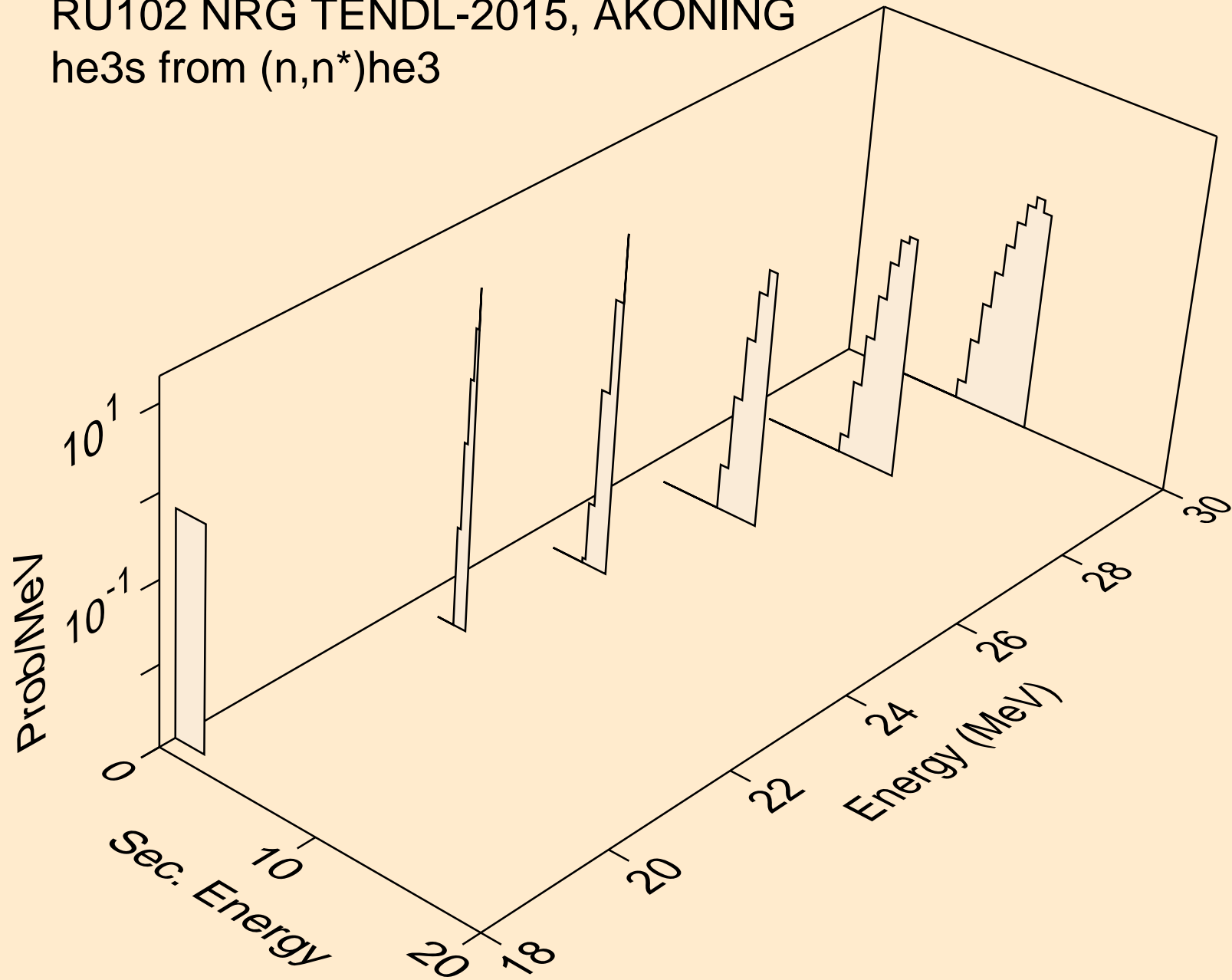
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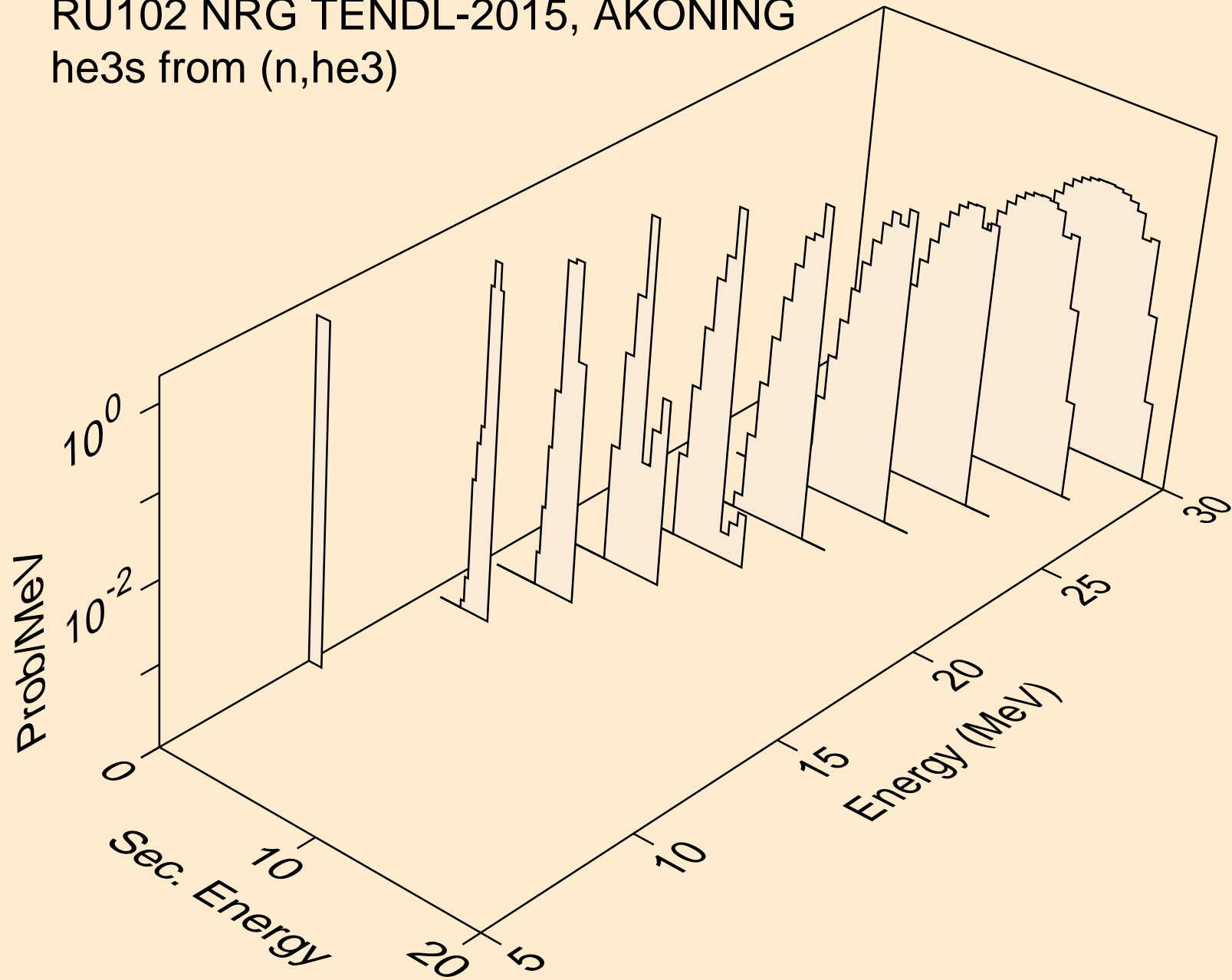
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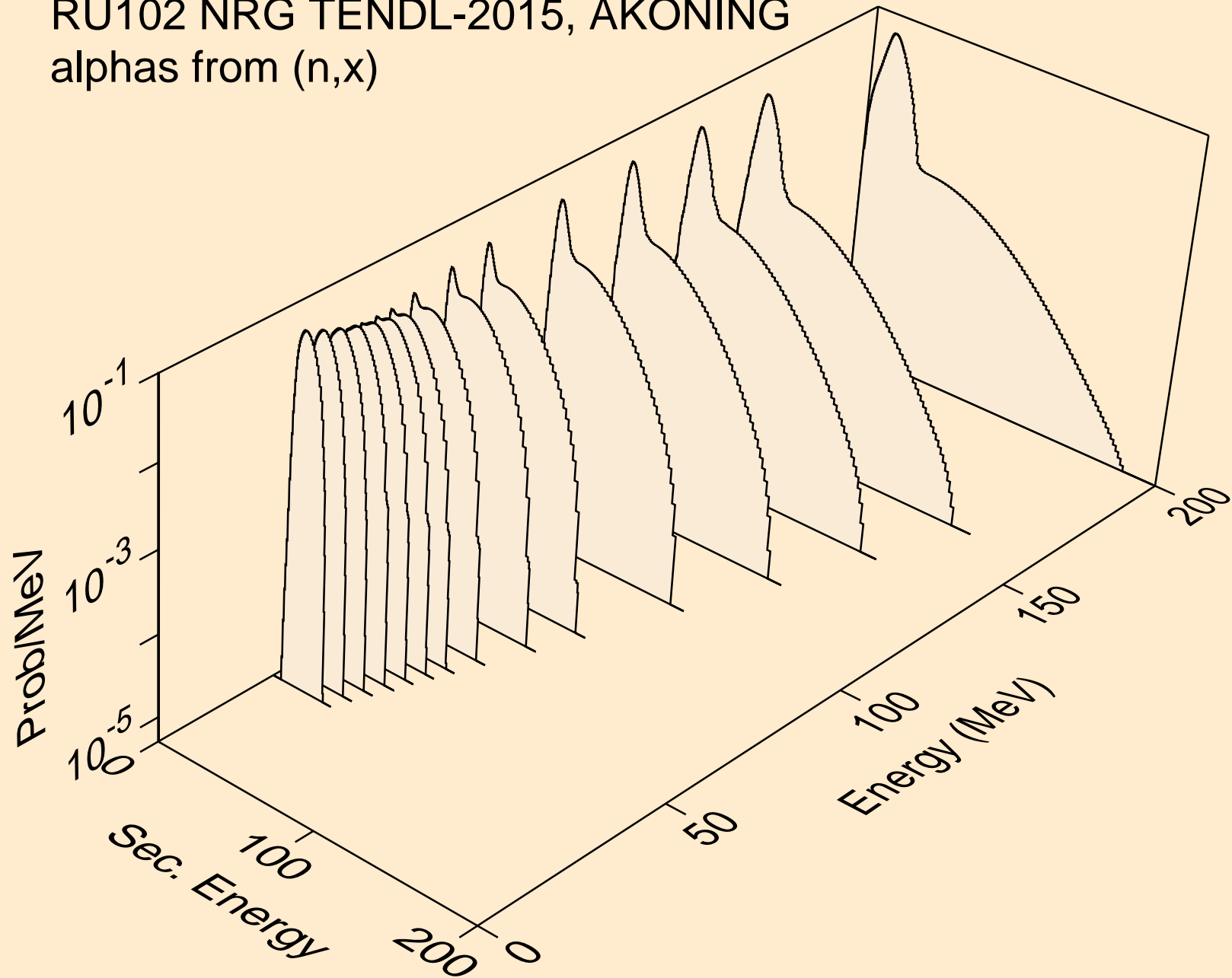
RU102 NRG TENDL-2015, AKONING  
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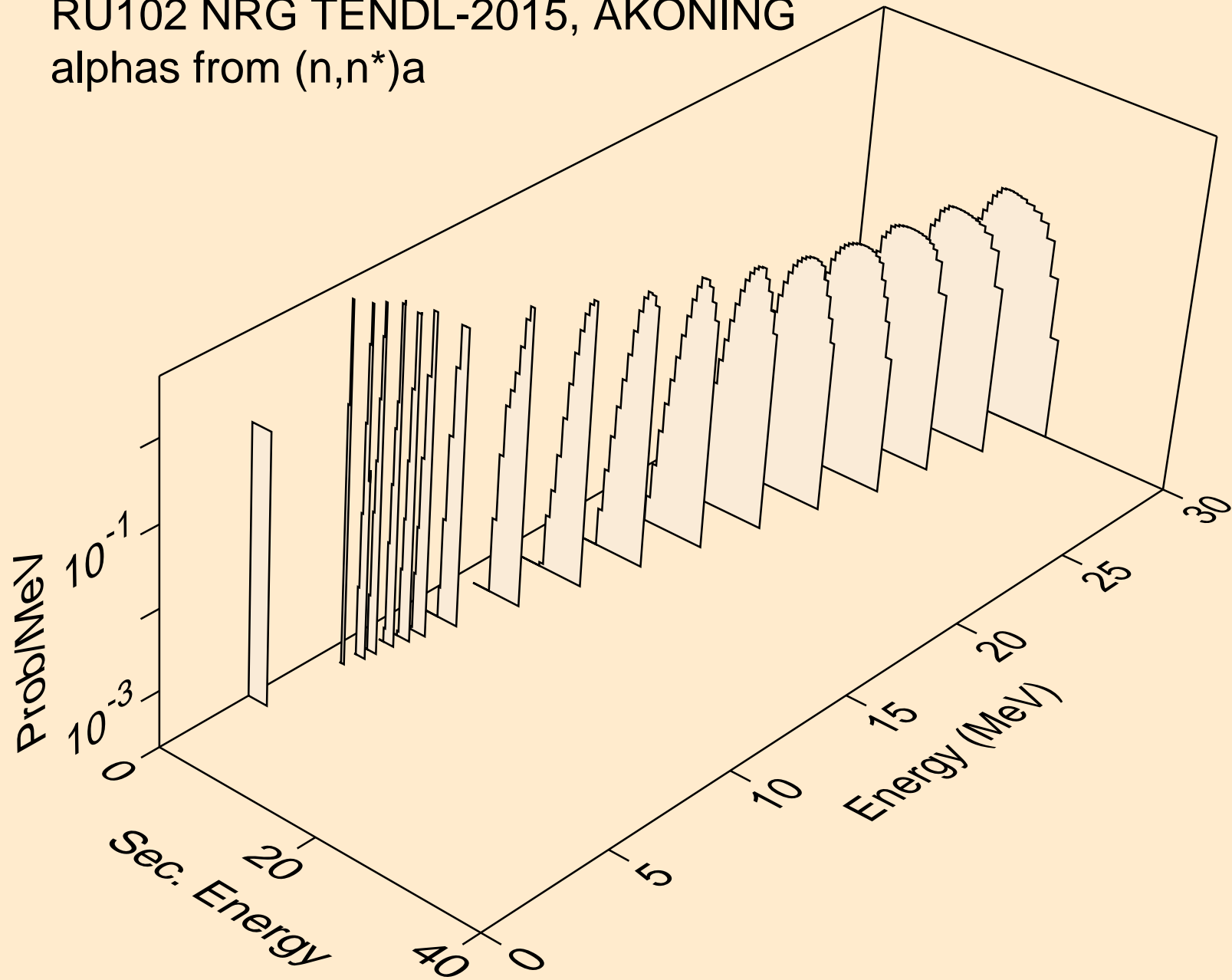
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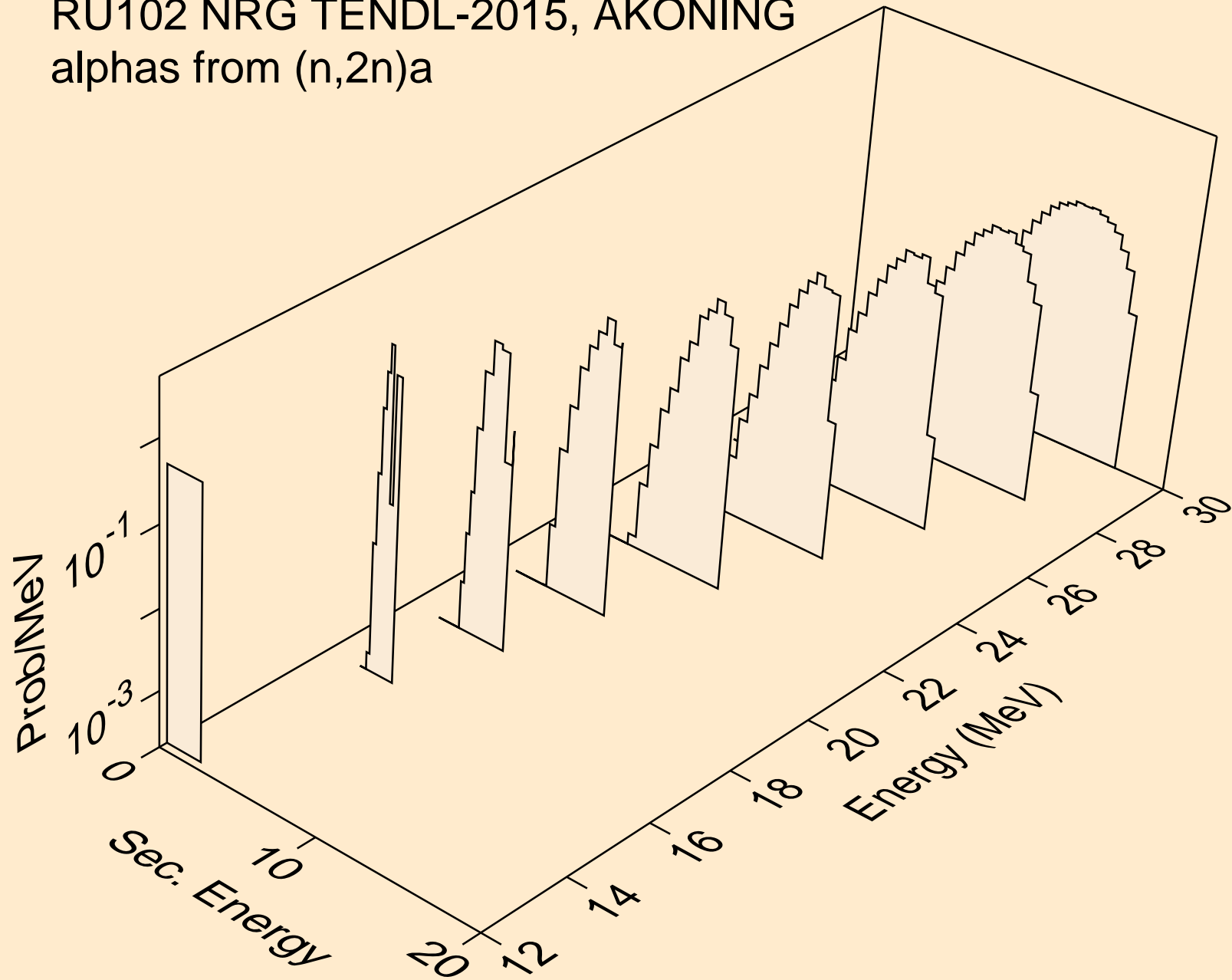
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alphas from (n,x)



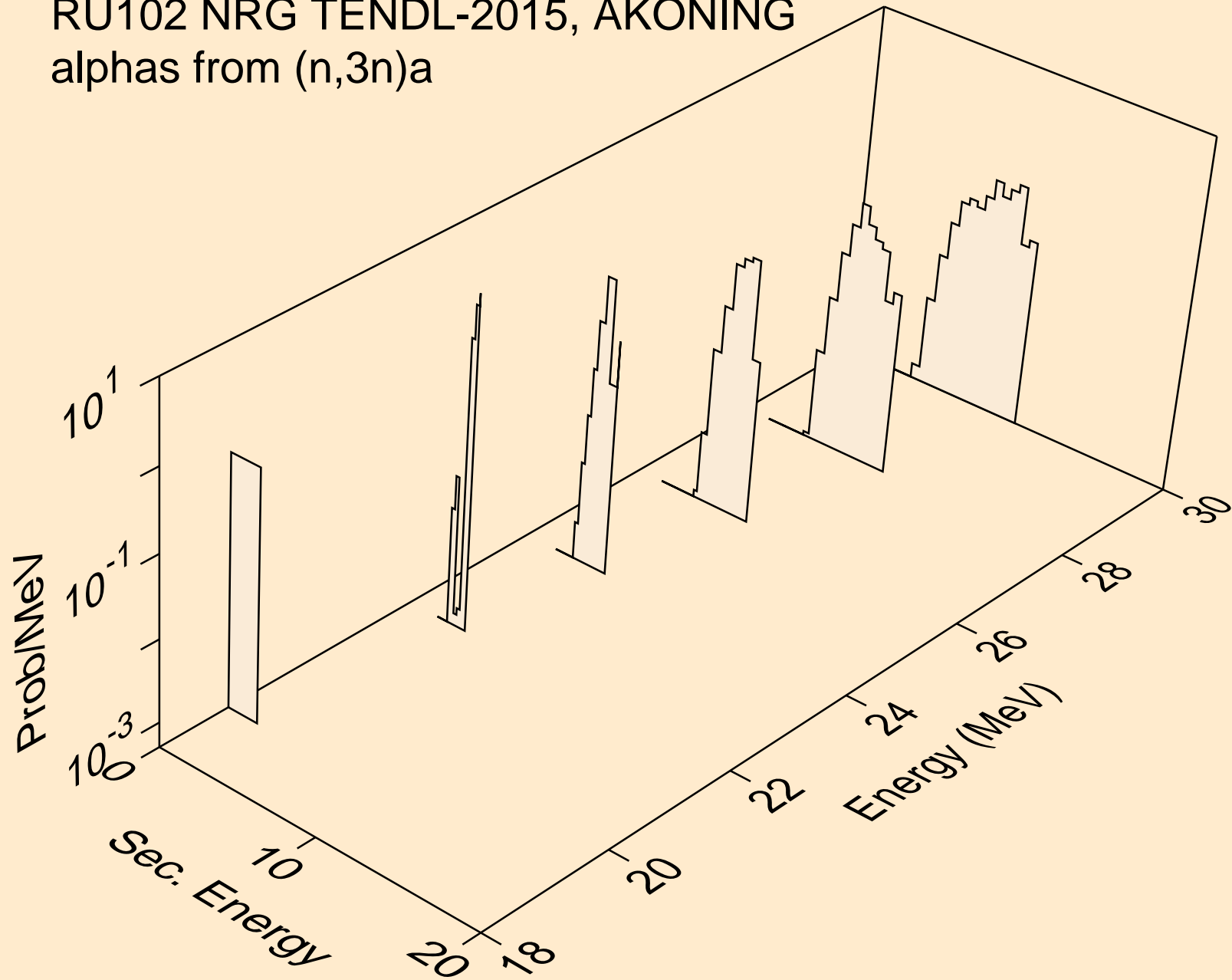
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alphas from (n,n\*)a



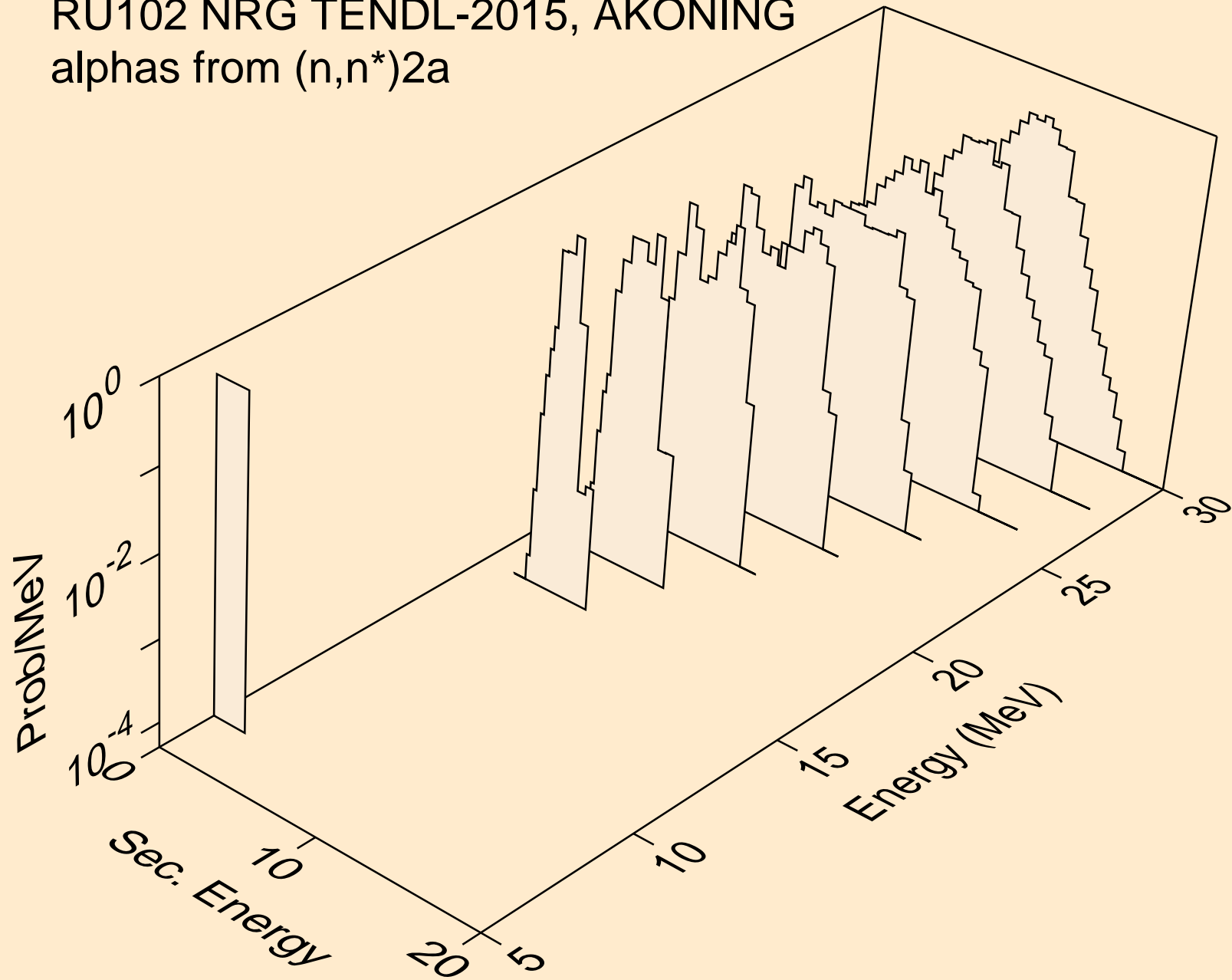
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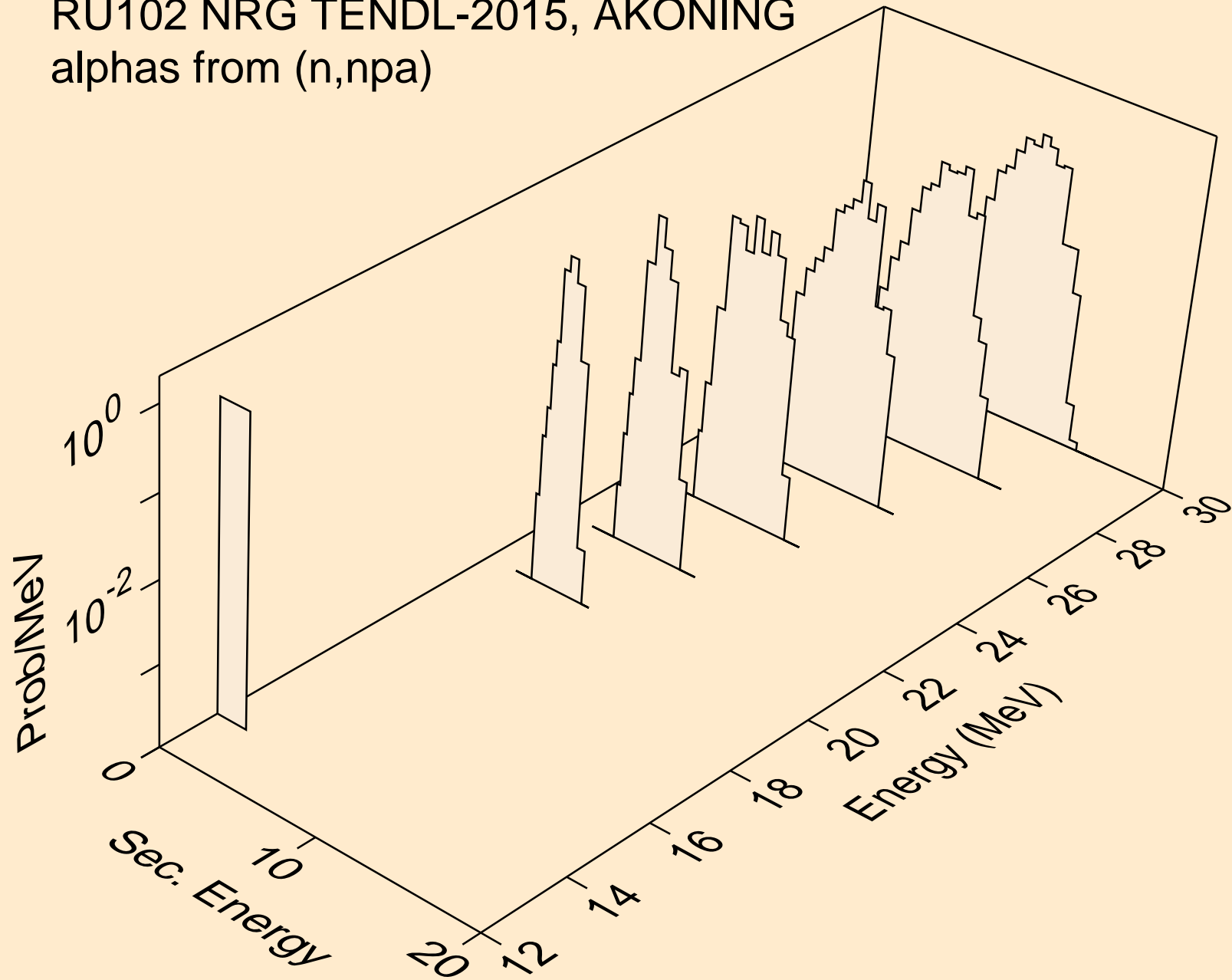
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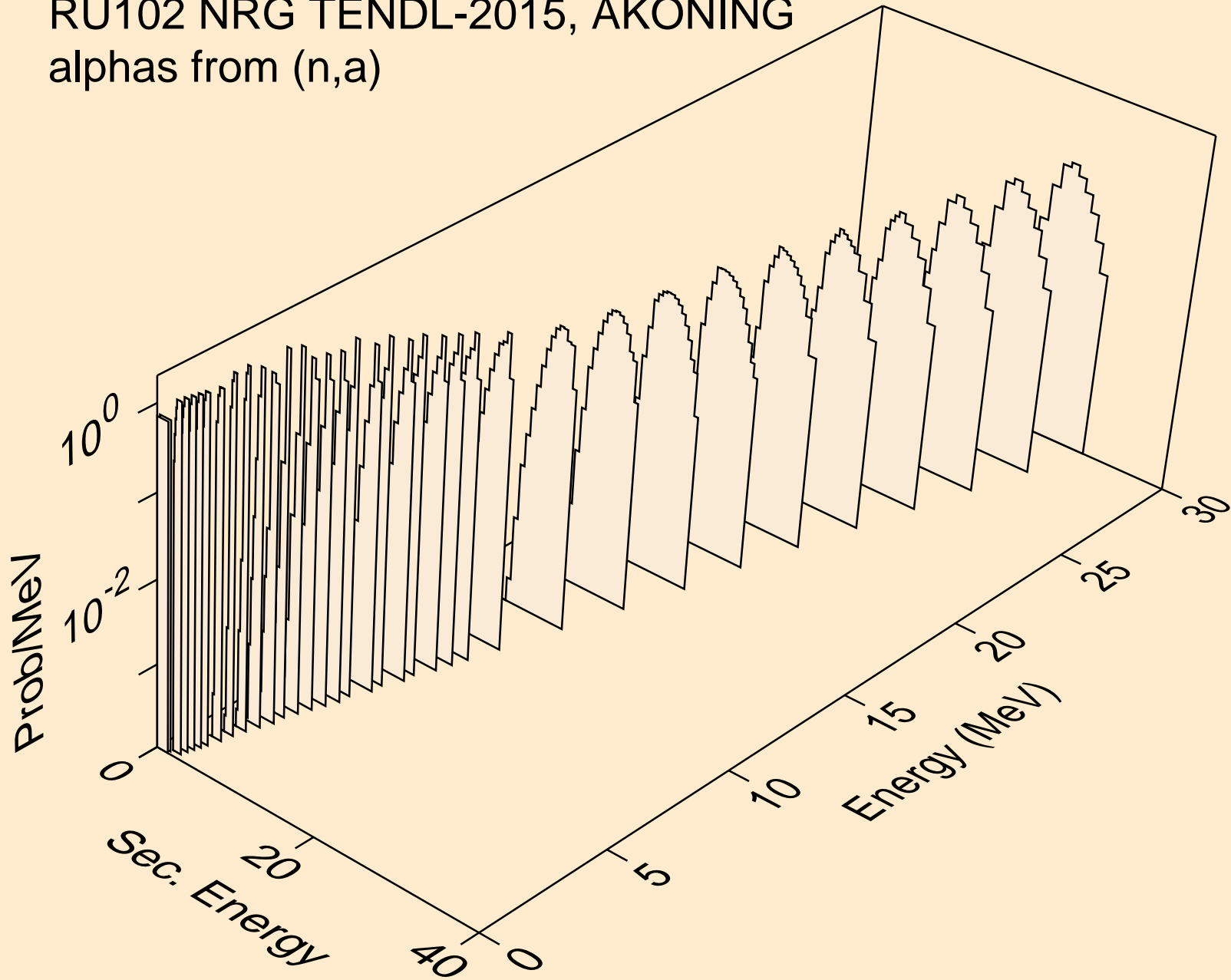
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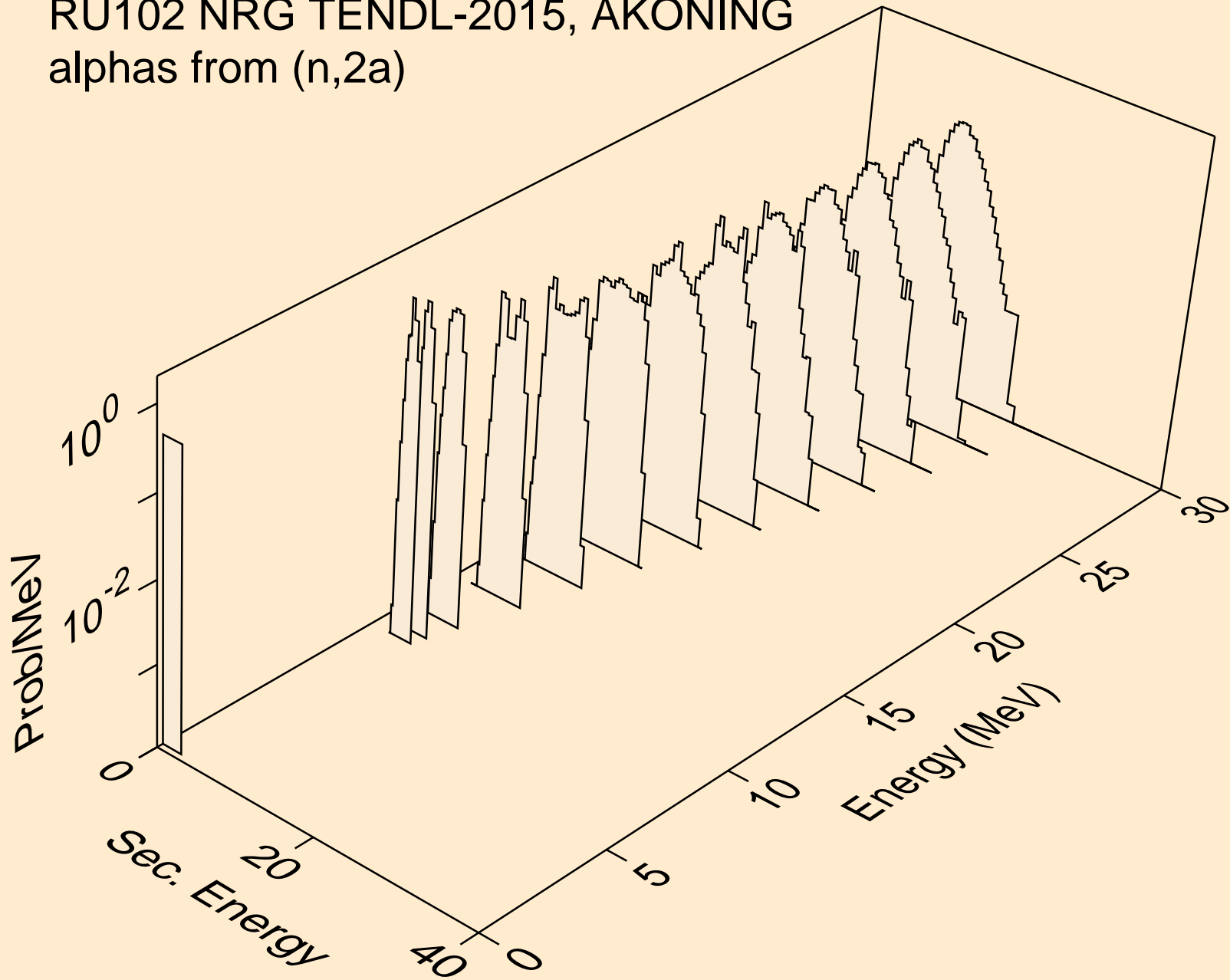
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alphas from (n,npa)



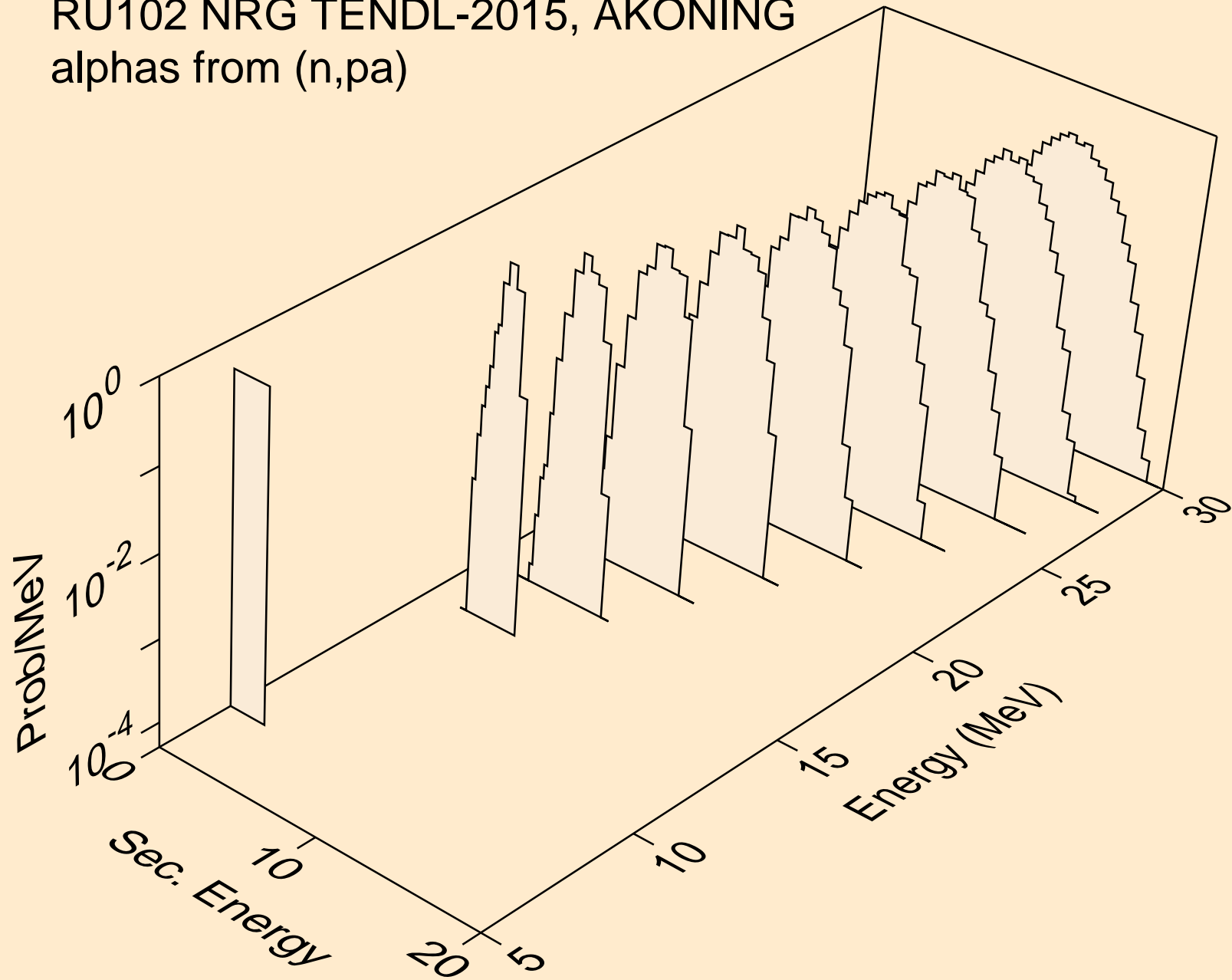
RU102 NRG TENDL-2015, AKONING  
alphas from (n,a)



RU102 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RU102 NRG TENDL-2015, AKONING  
alphas from (n,pa)



RU102 NRG TENDL-2015, AKONING  
alphas from (n,da)

