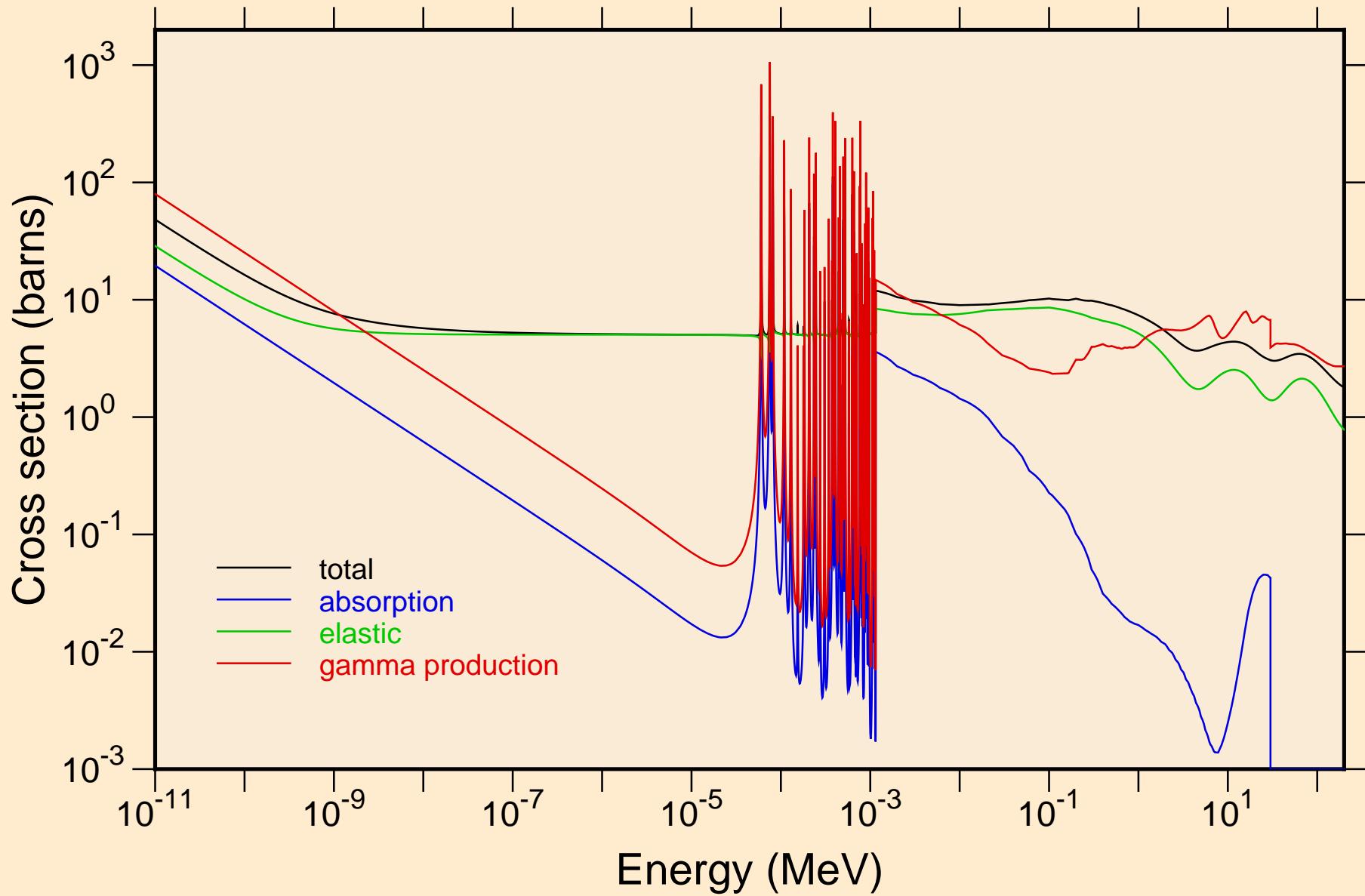
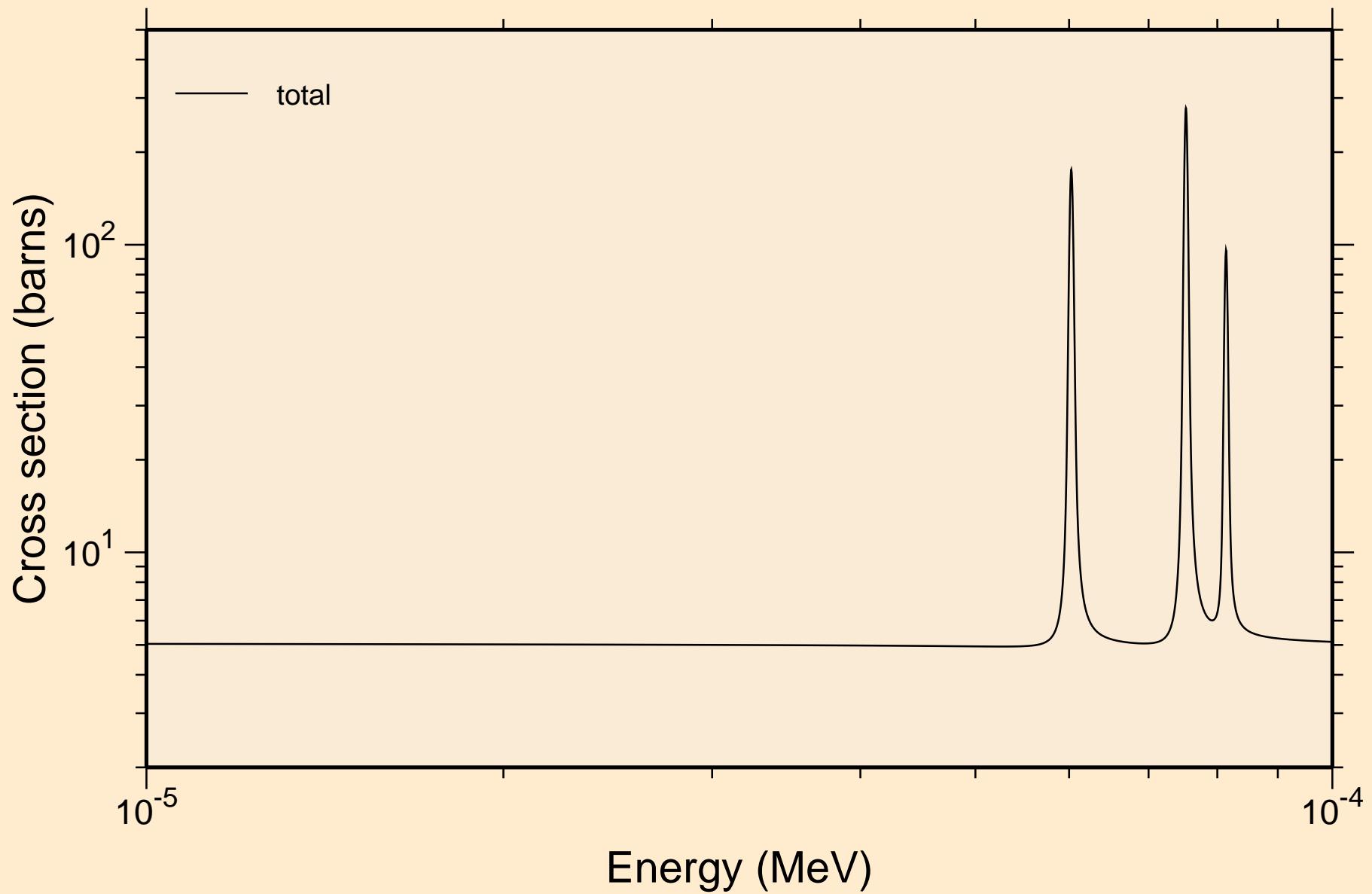


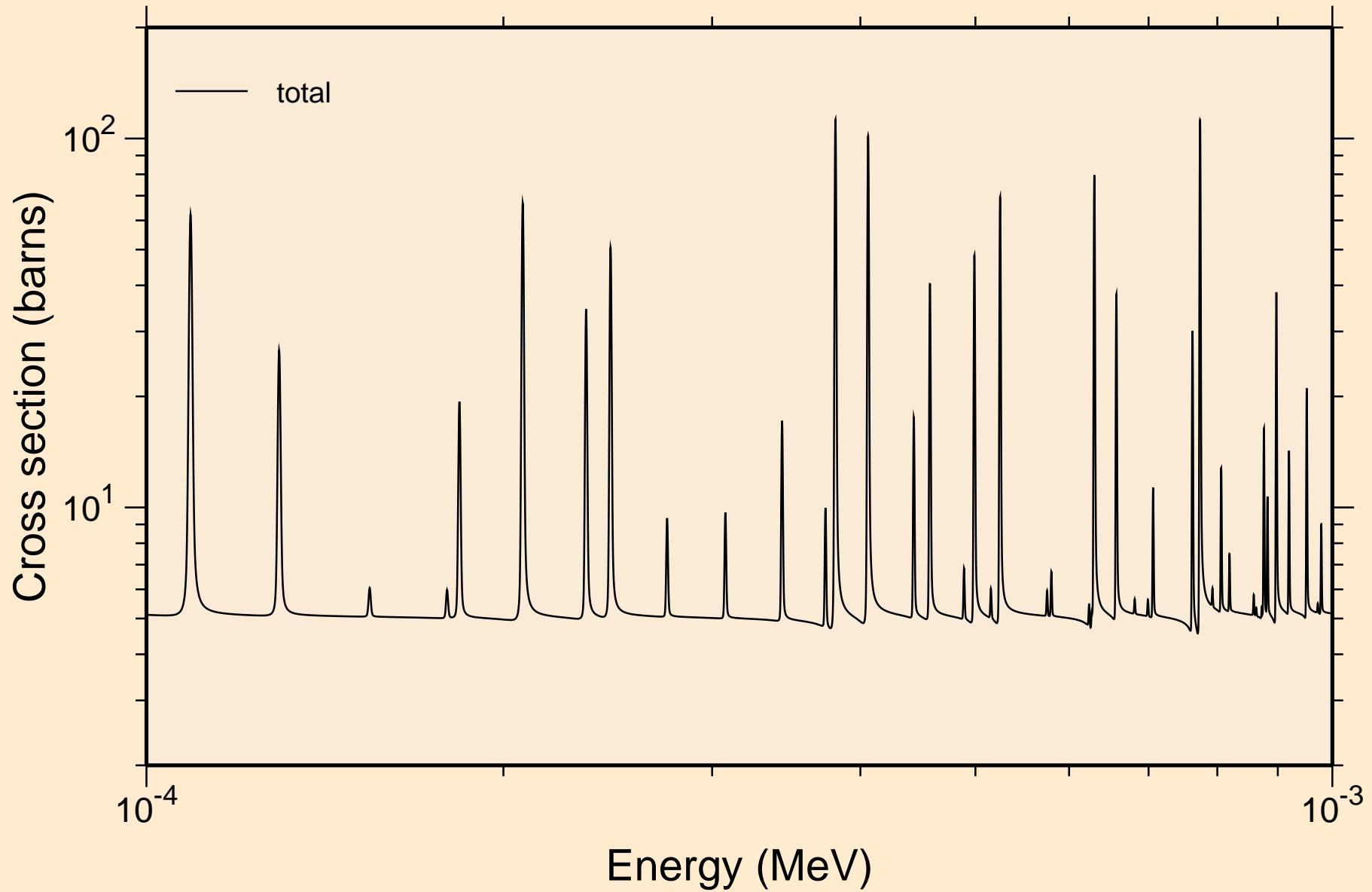
RU105 NRG TENDL-2015, AKONING  
Principal cross sections



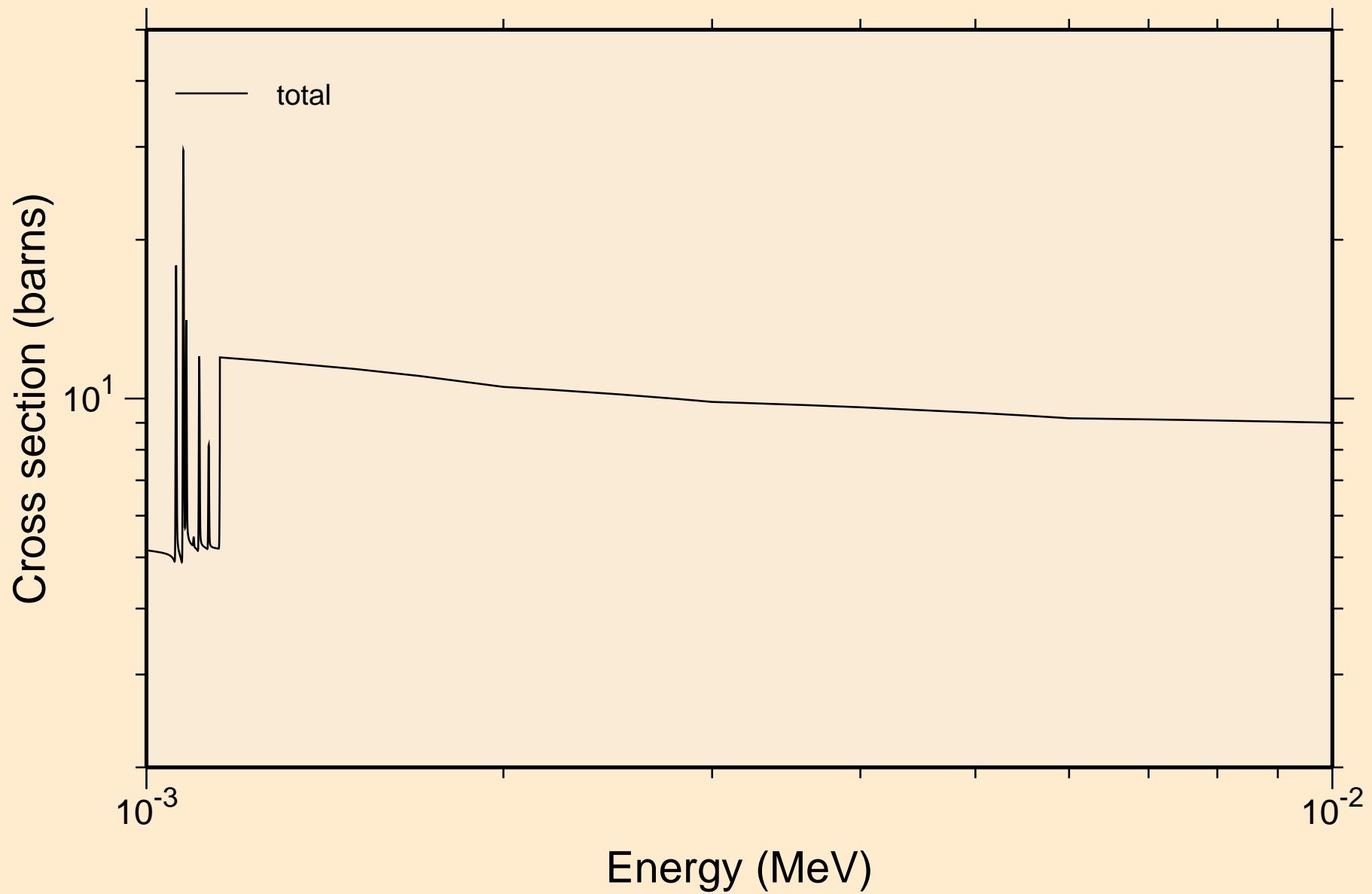
RU105 NRG TENDL-2015, AKONING  
resonance total cross section



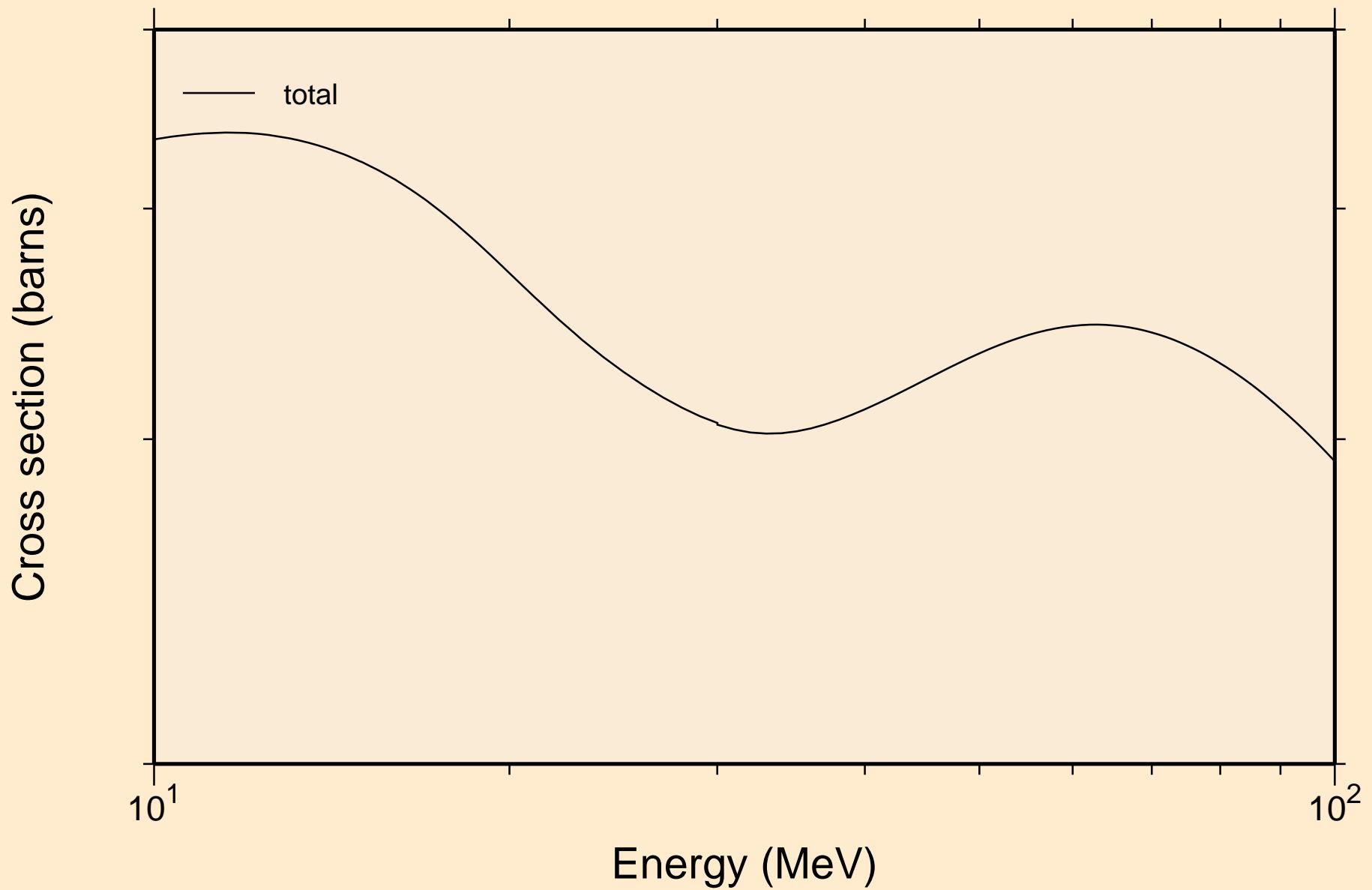
RU105 NRG TENDL-2015, AKONING  
resonance total cross section



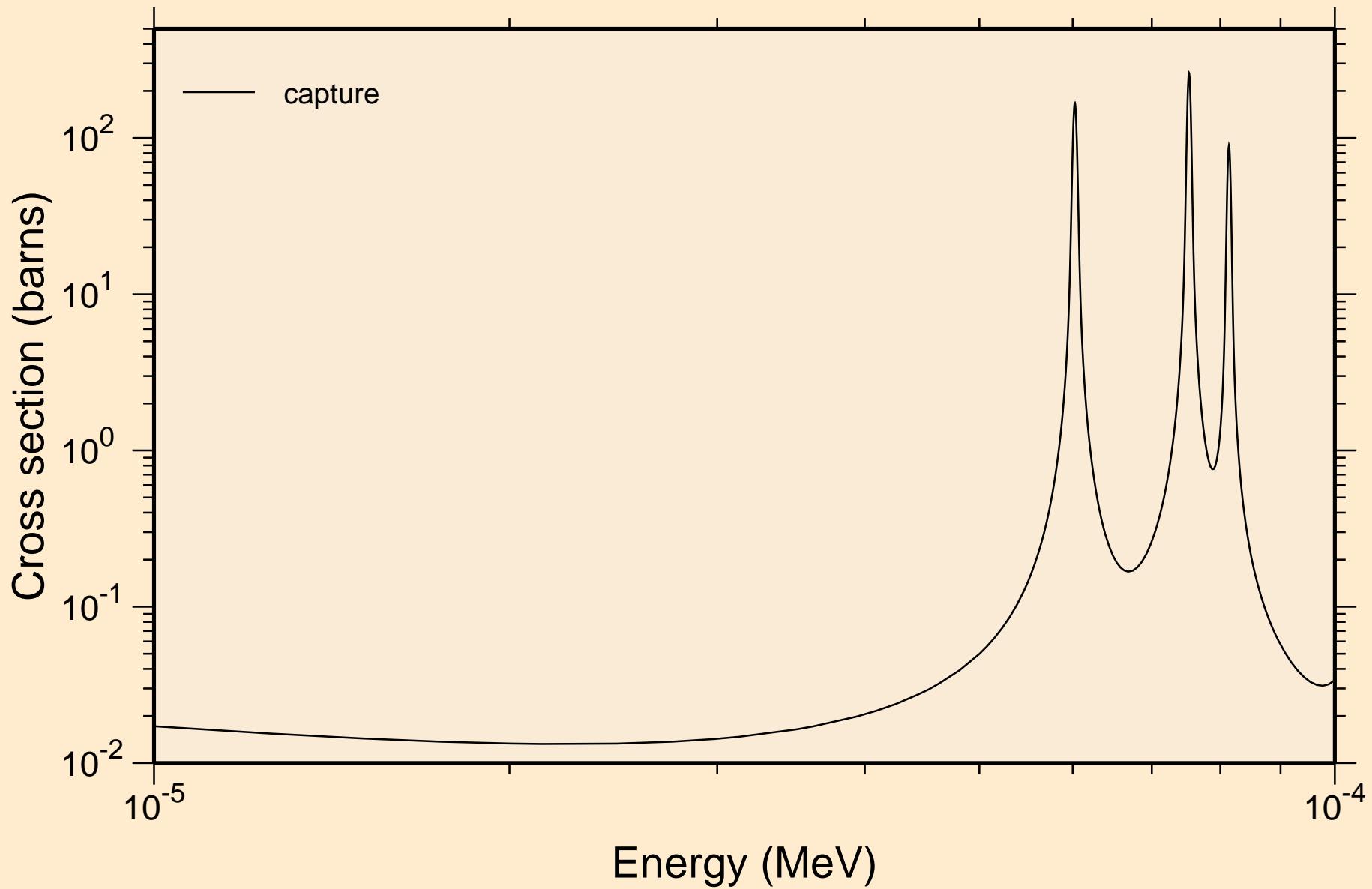
RU105 NRG TENDL-2015, AKONING  
resonance total cross section



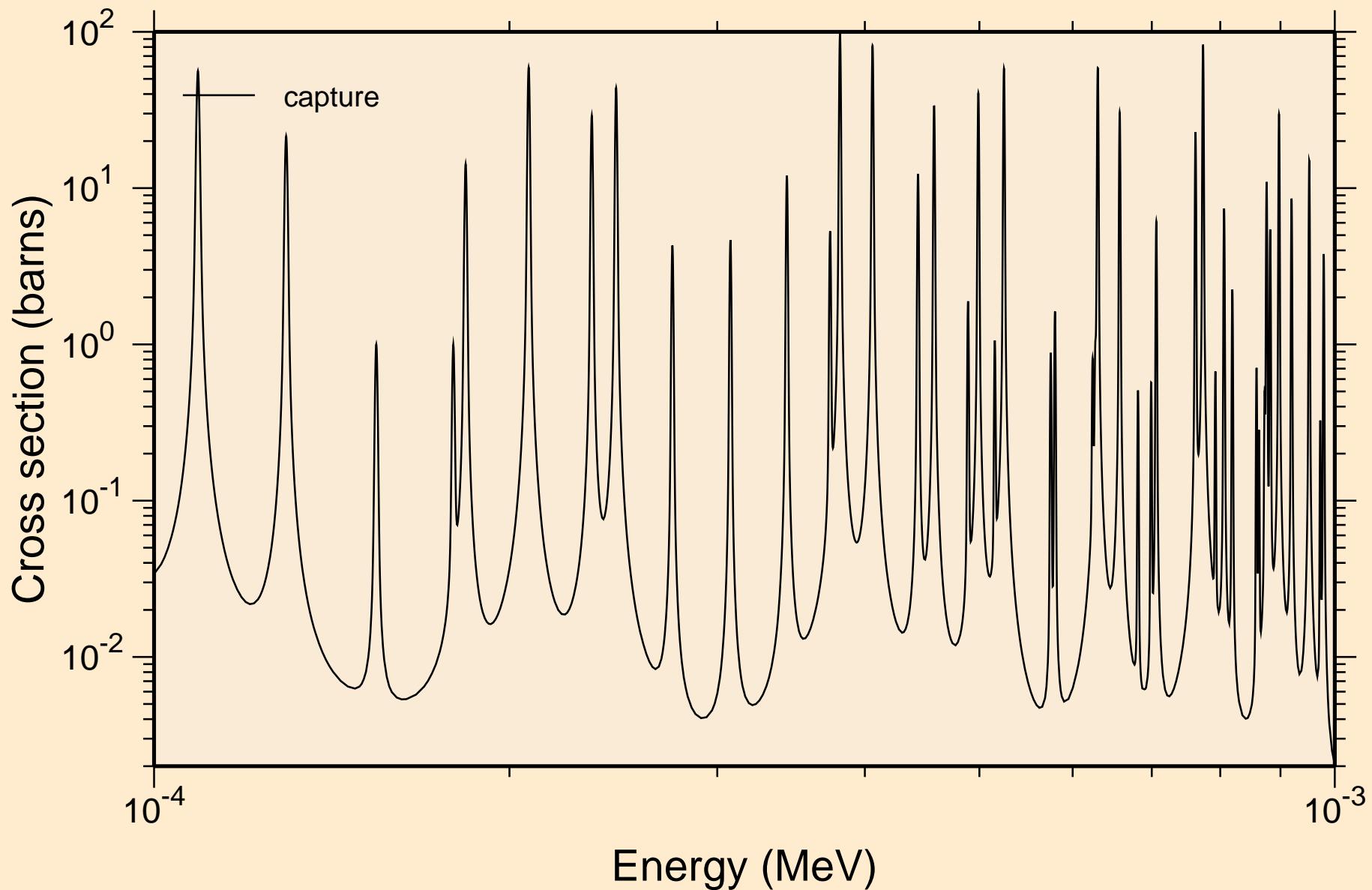
R<sub>U</sub>105 NRG TENDL-2015, AKONING  
resonance total cross section



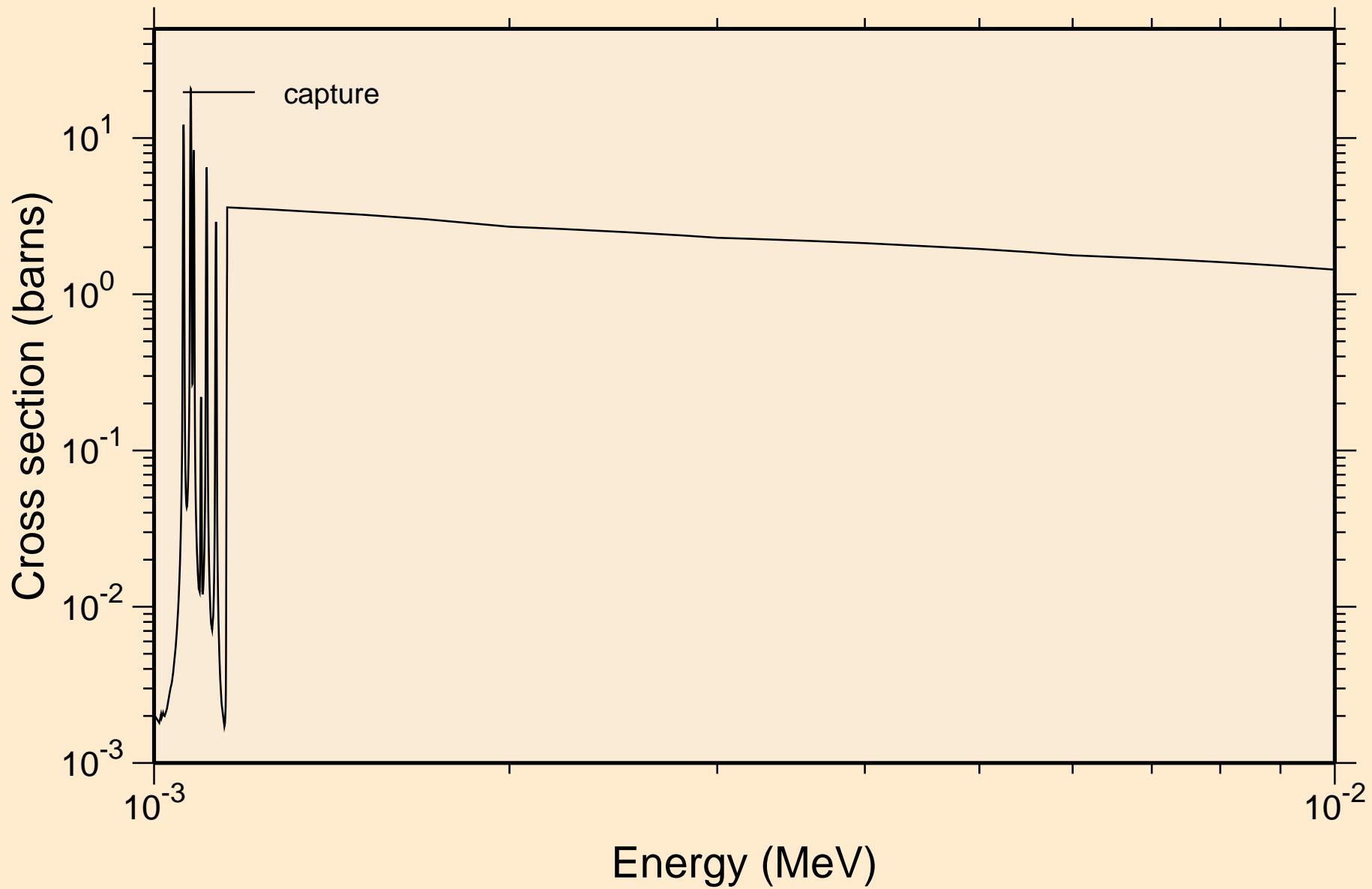
RU105 NRG TENDL-2015, AKONING  
resonance absorption cross sections



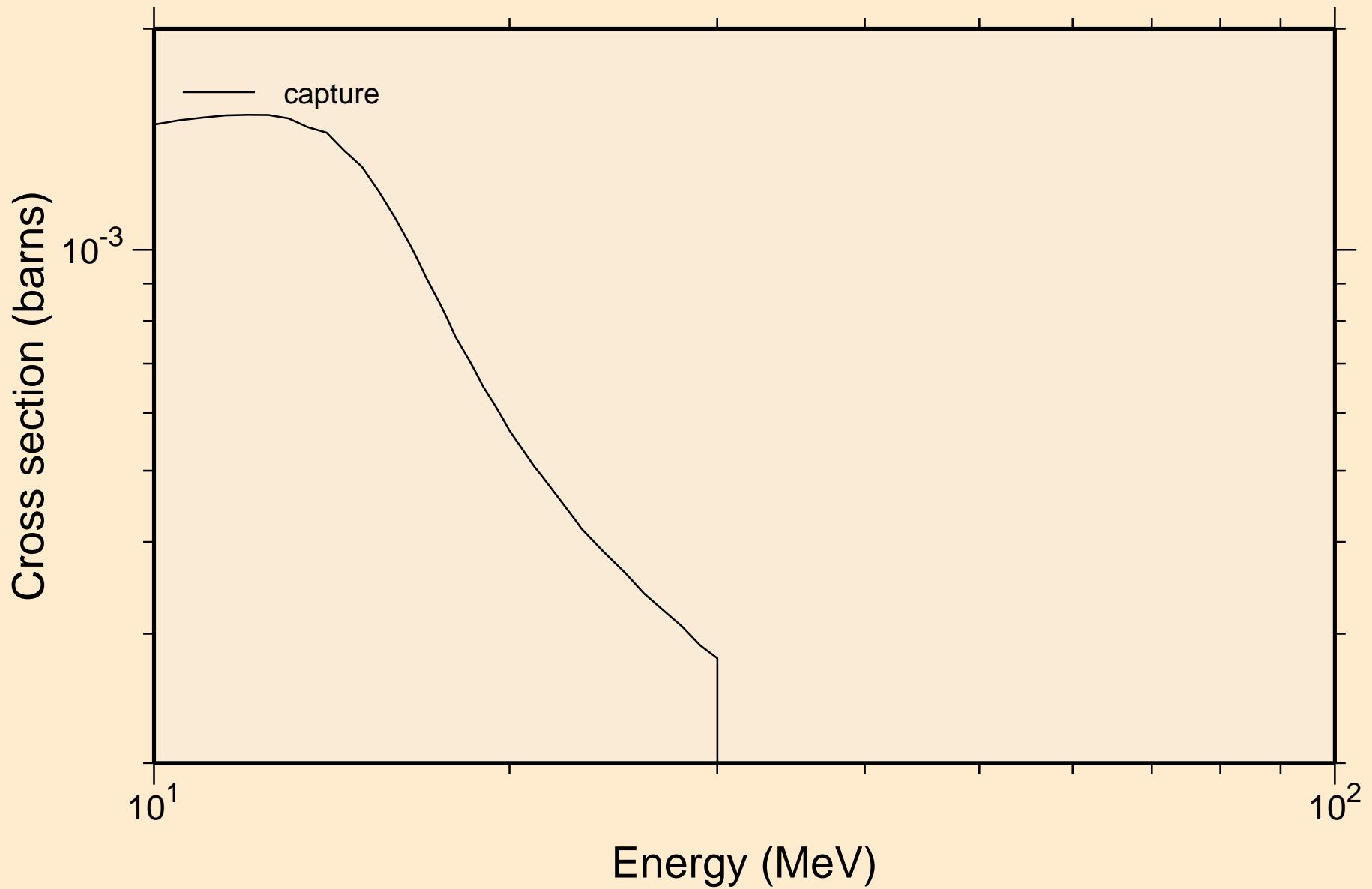
RU105 NRG TENDL-2015, AKONING  
resonance absorption cross sections



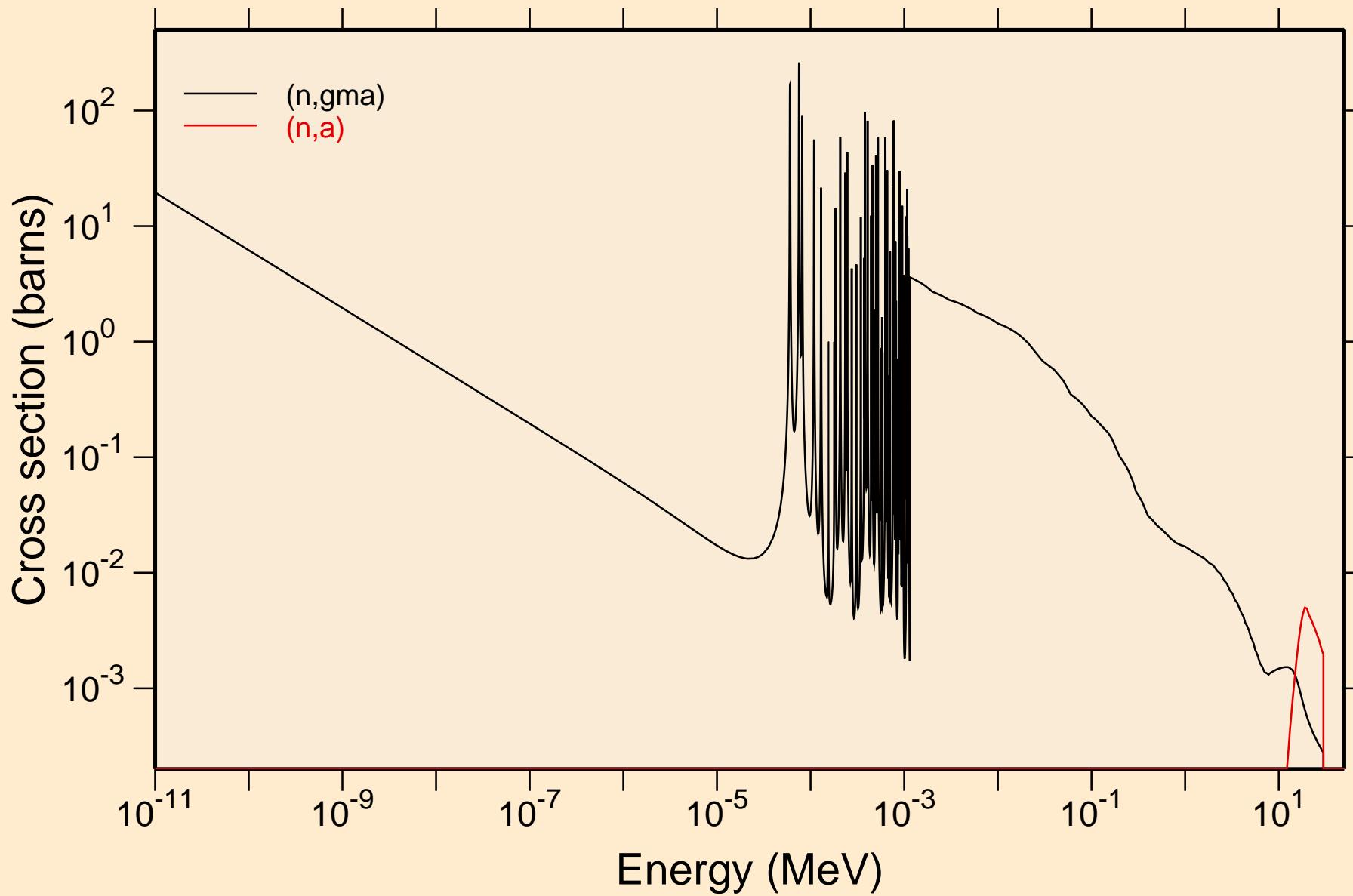
RU105 NRG TENDL-2015, AKONING  
resonance absorption cross sections



RU105 NRG TENDL-2015, AKONING  
resonance absorption cross sections

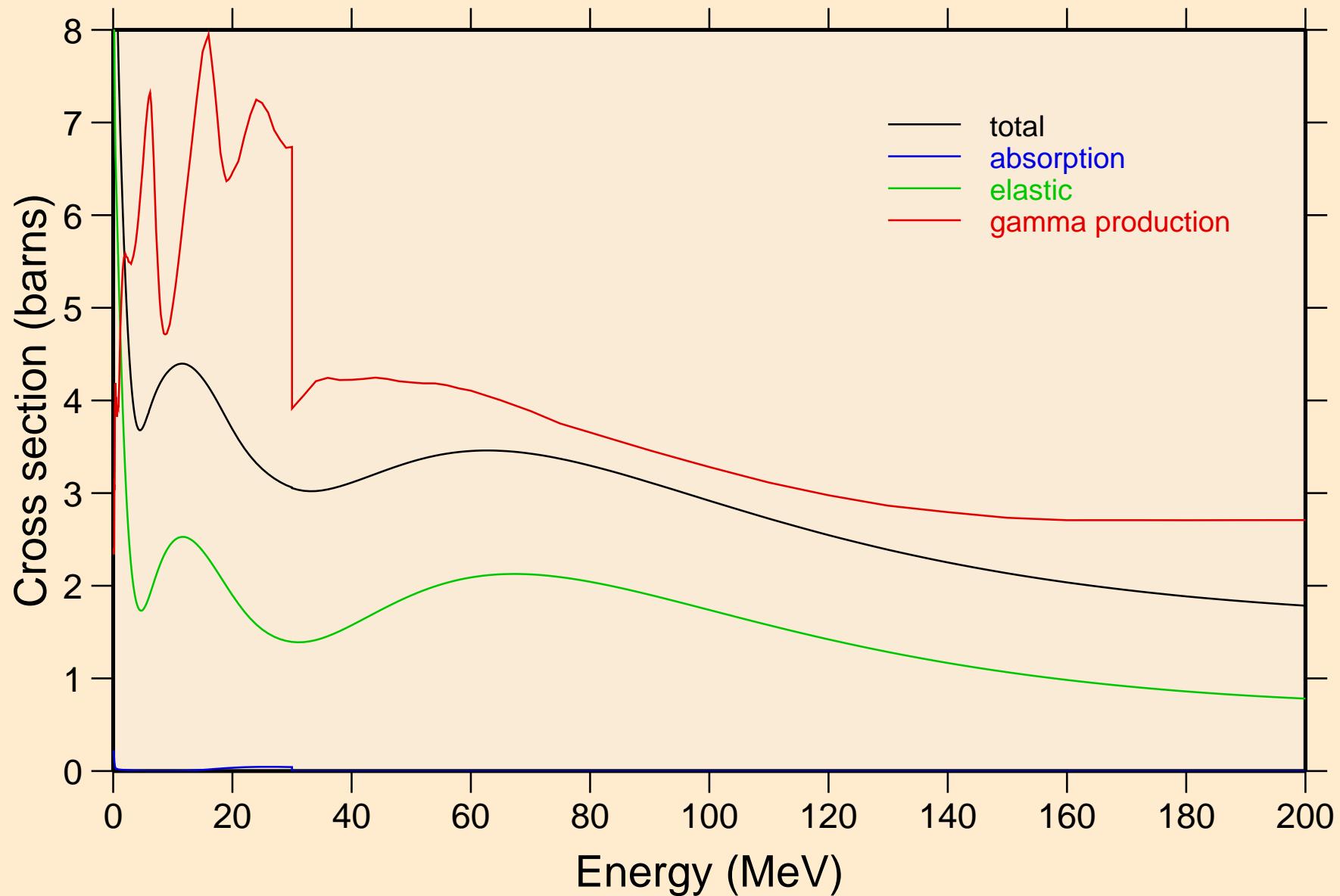


RU105 NRG TENDL-2015, AKONING  
Non-threshold reactions

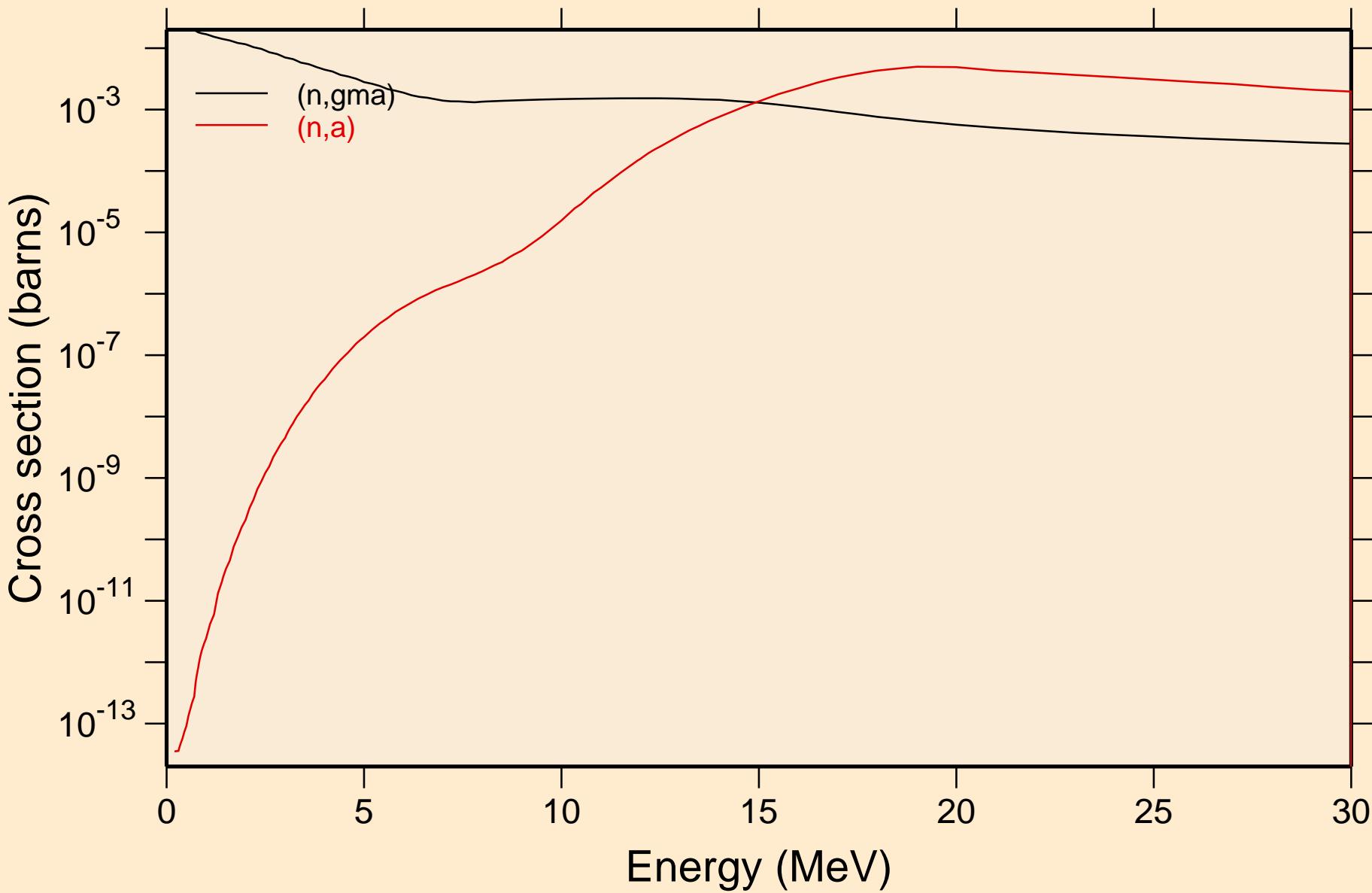


# RU105 NRG TENDL-2015, AKONING

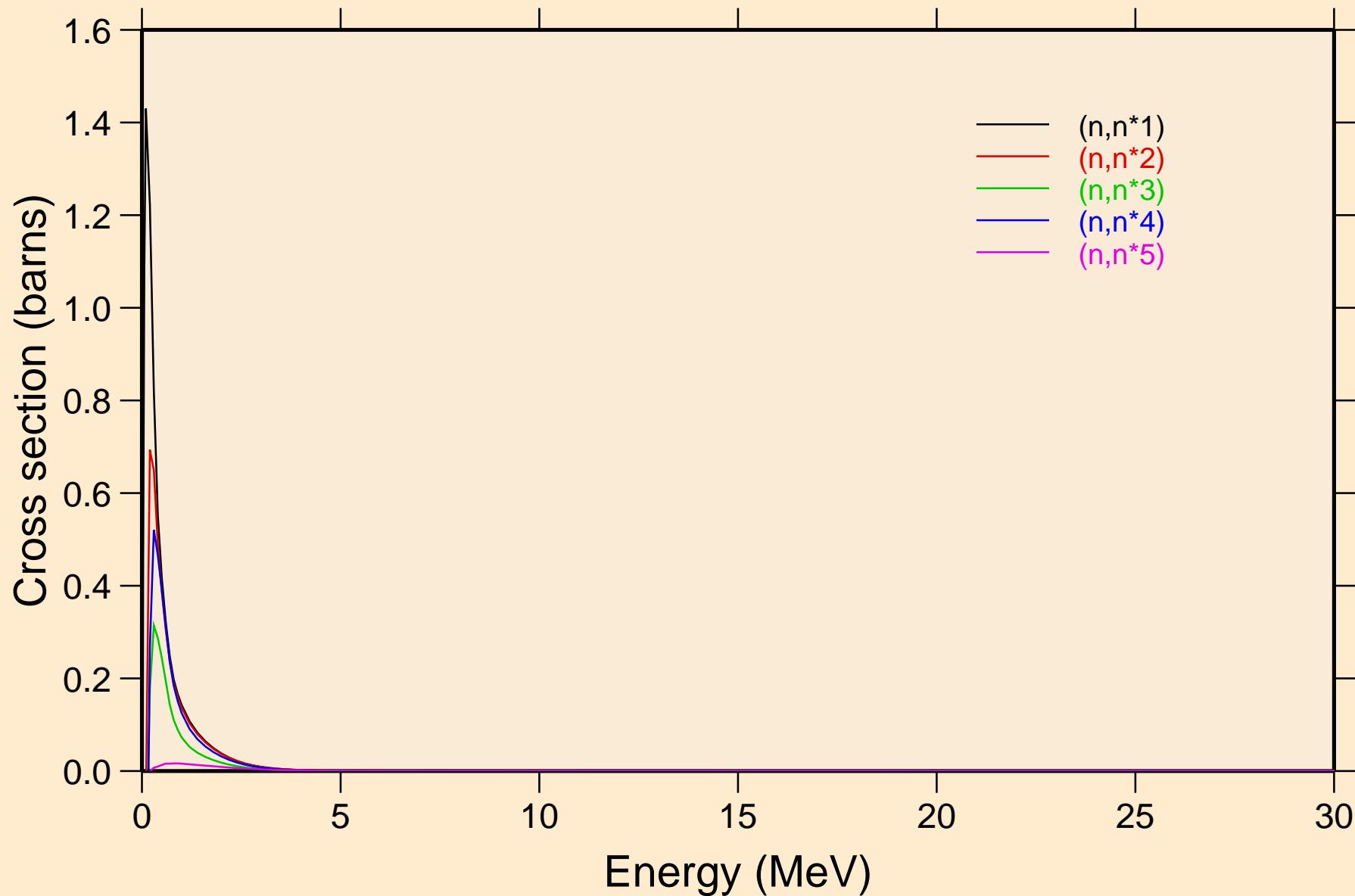
## Principal cross sections



RU105 NRG TENDL-2015, AKONING  
Non-threshold reactions

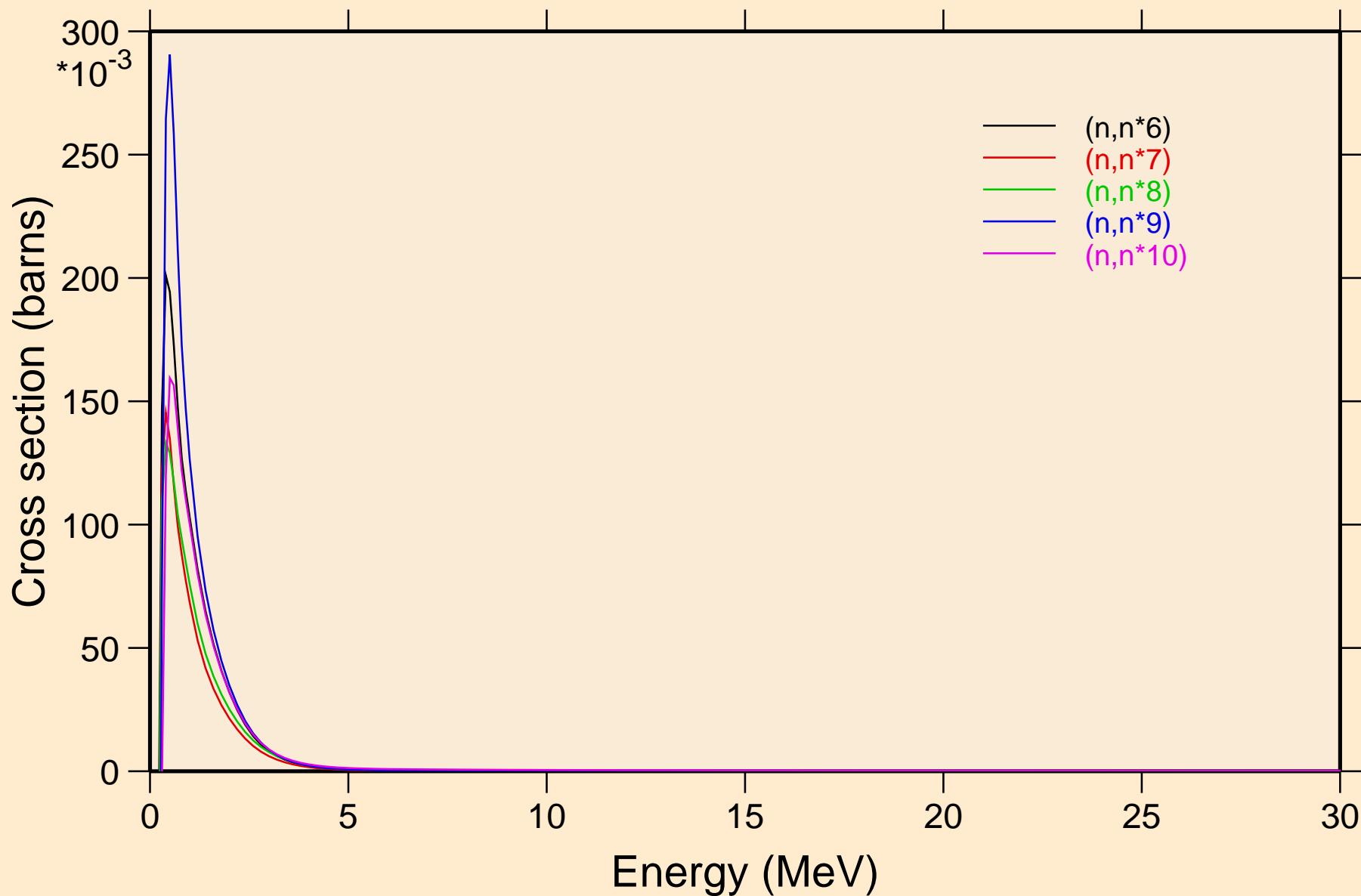


RU105 NRG TENDL-2015, AKONING  
Inelastic levels



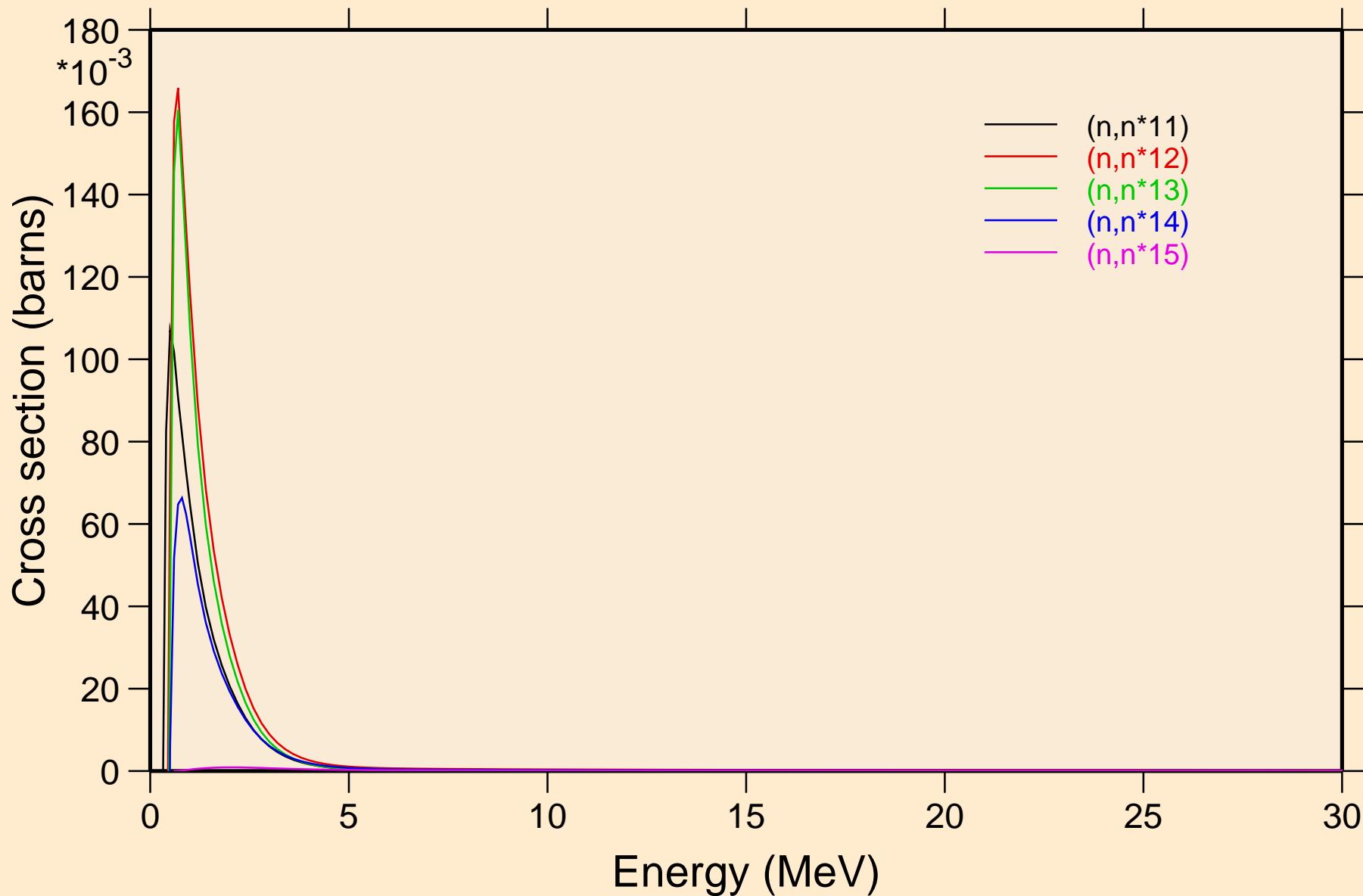
# RU105 NRG TENDL-2015, AKONING

## Inelastic levels



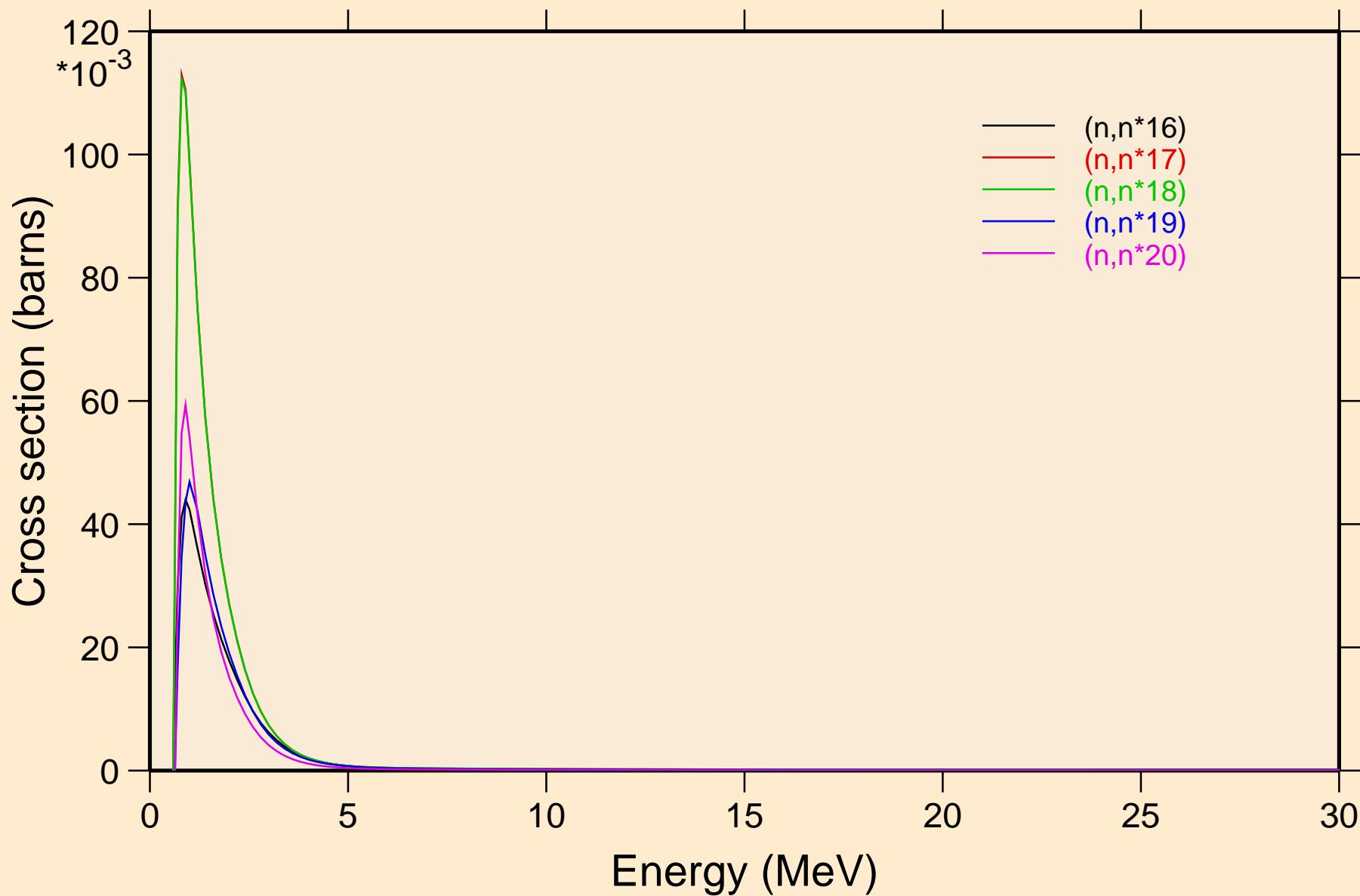
# RU105 NRG TENDL-2015, AKONING

## Inelastic levels



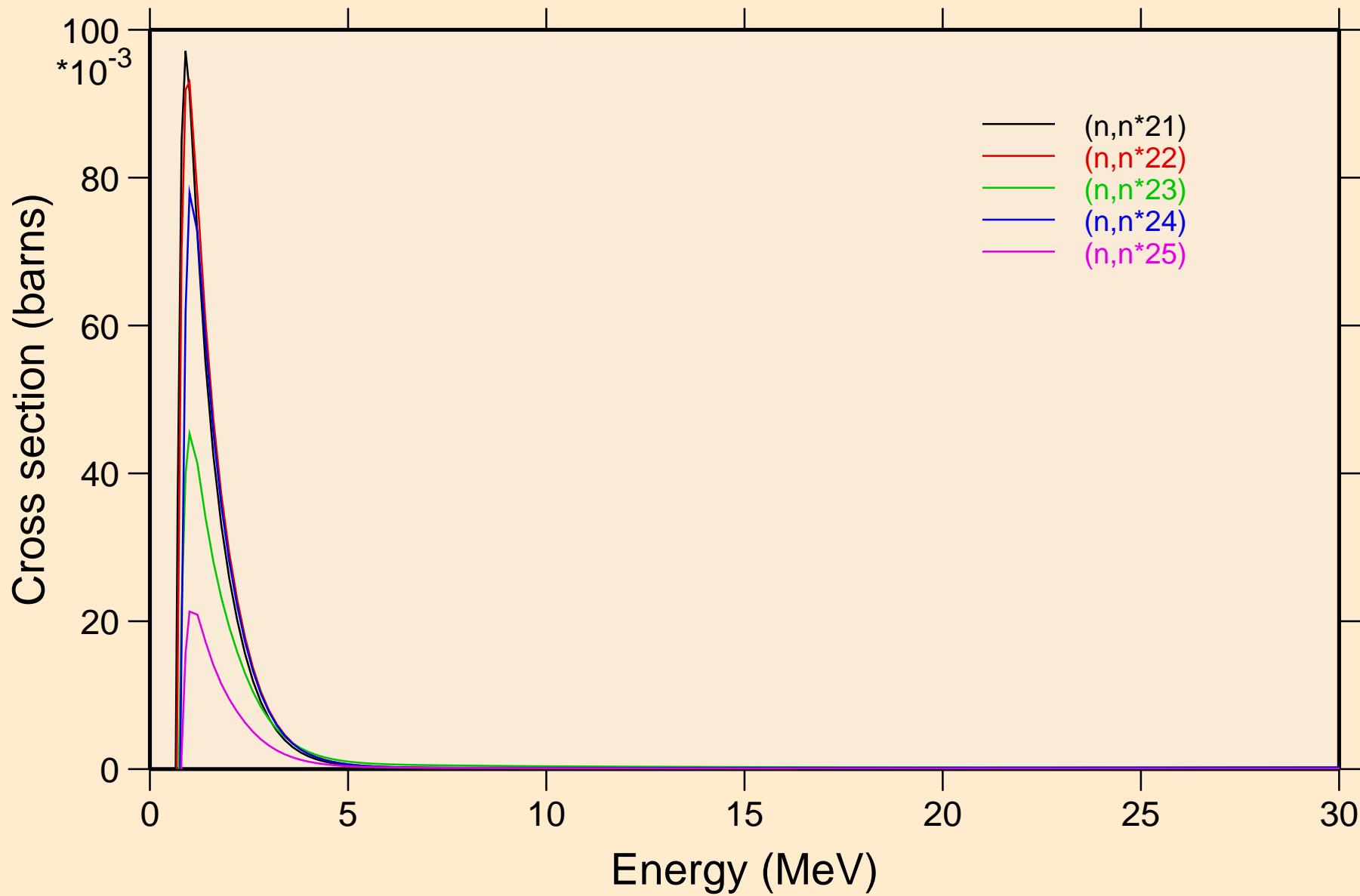
# RU105 NRG TENDL-2015, AKONING

## Inelastic levels



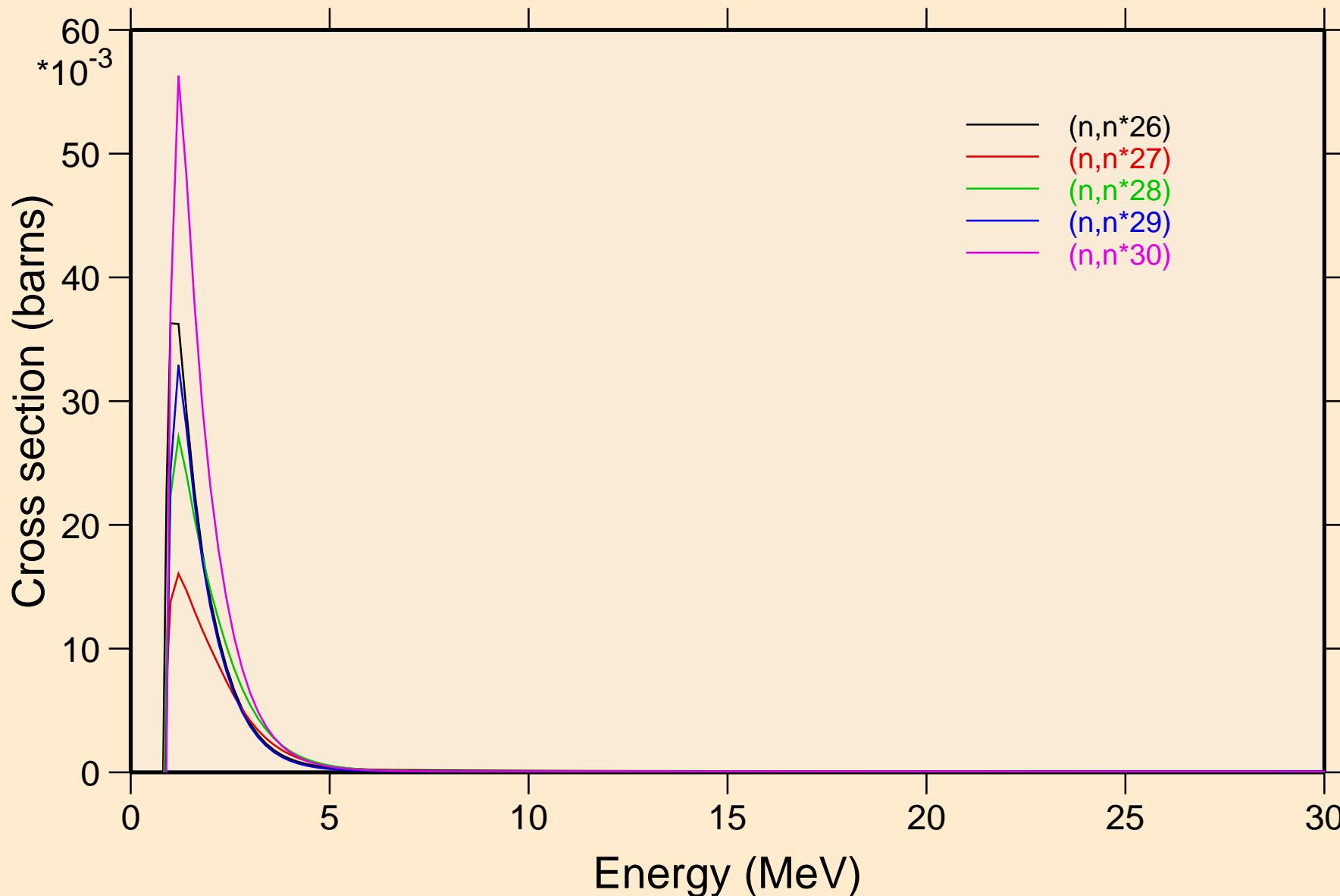
# RU105 NRG TENDL-2015, AKONING

## Inelastic levels



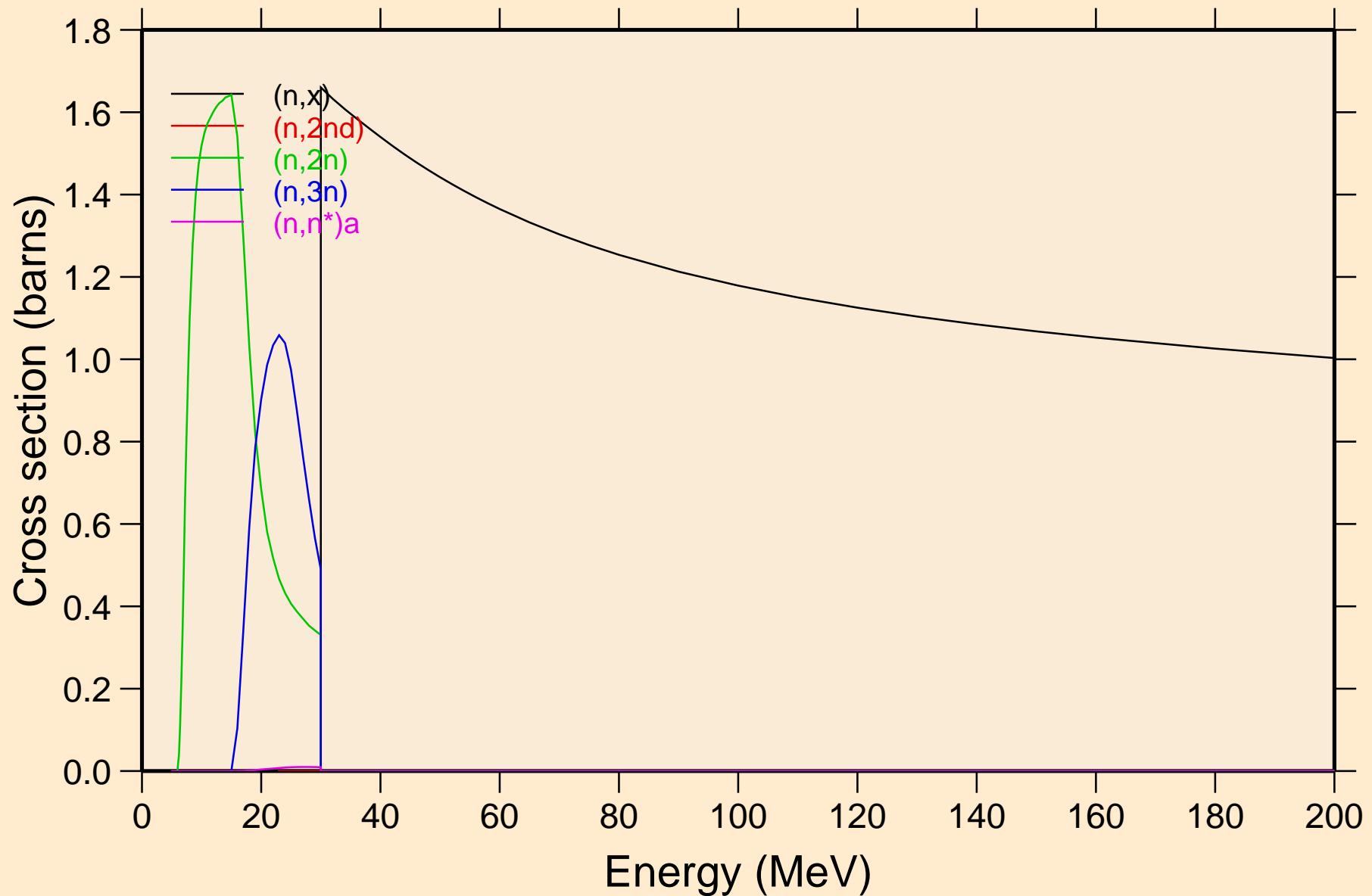
# RU105 NRG TENDL-2015, AKONING

## Inelastic levels



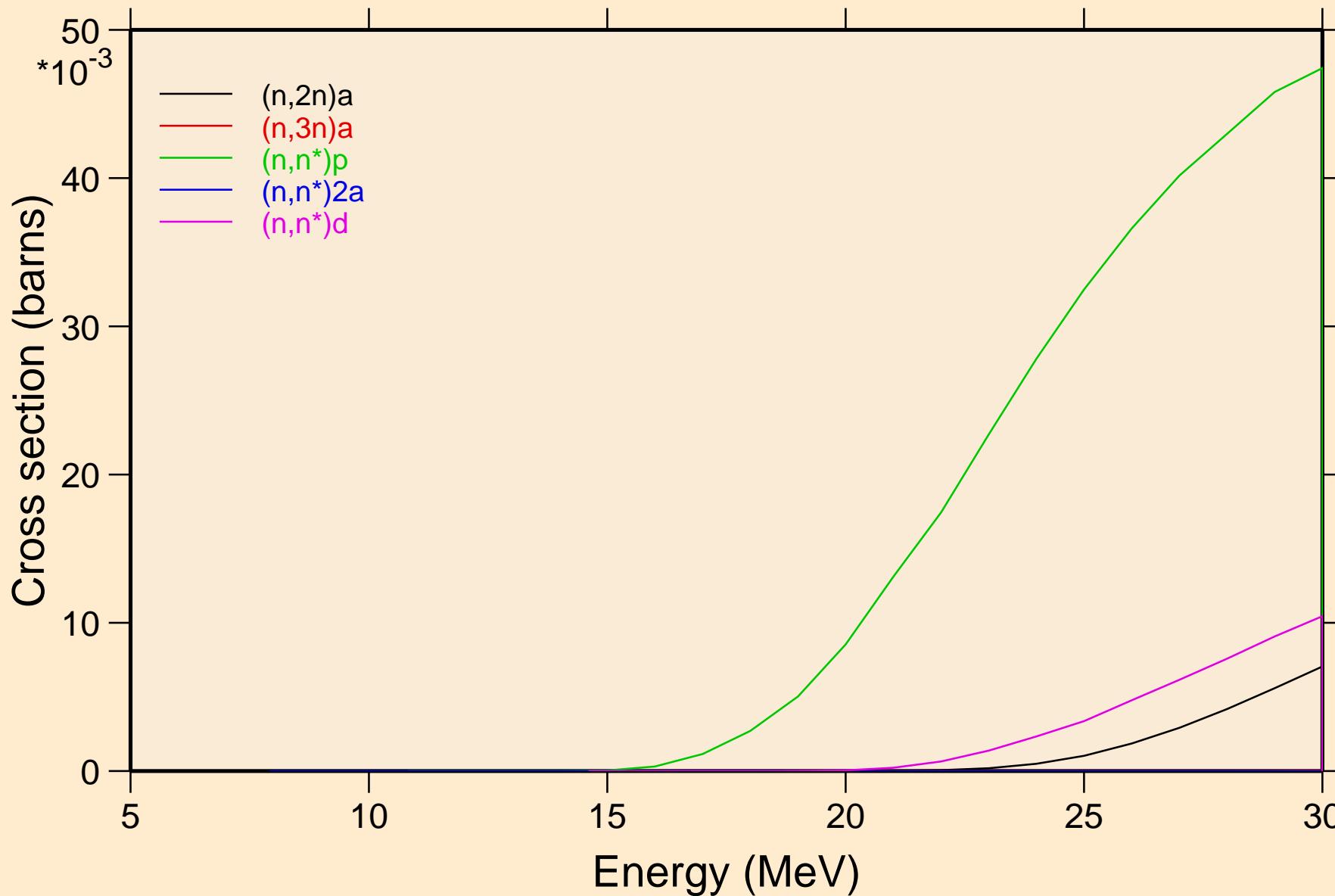
# RU105 NRG TENDL-2015, AKONING

## Threshold reactions



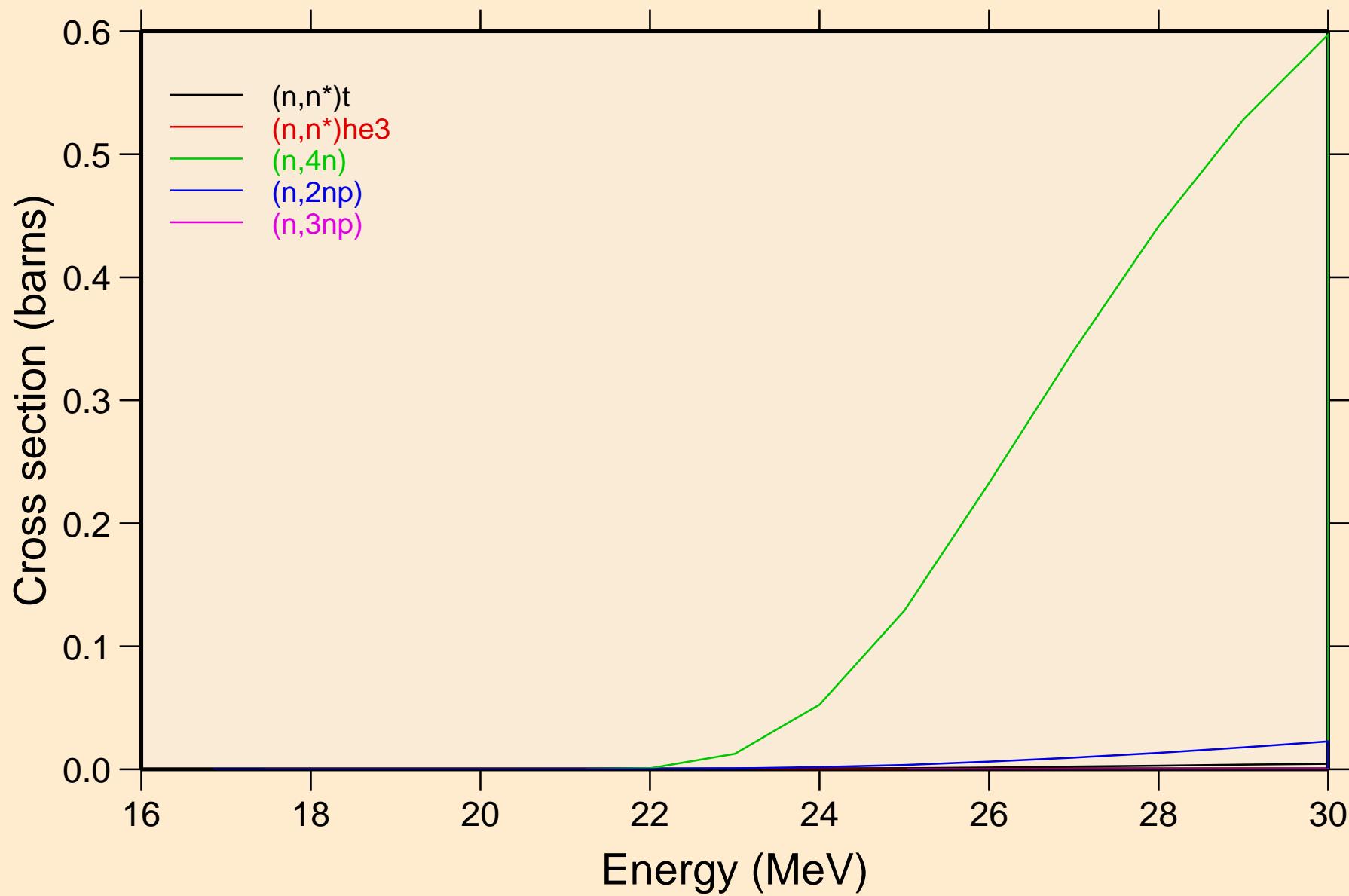
# RU105 NRG TENDL-2015, AKONING

## Threshold reactions



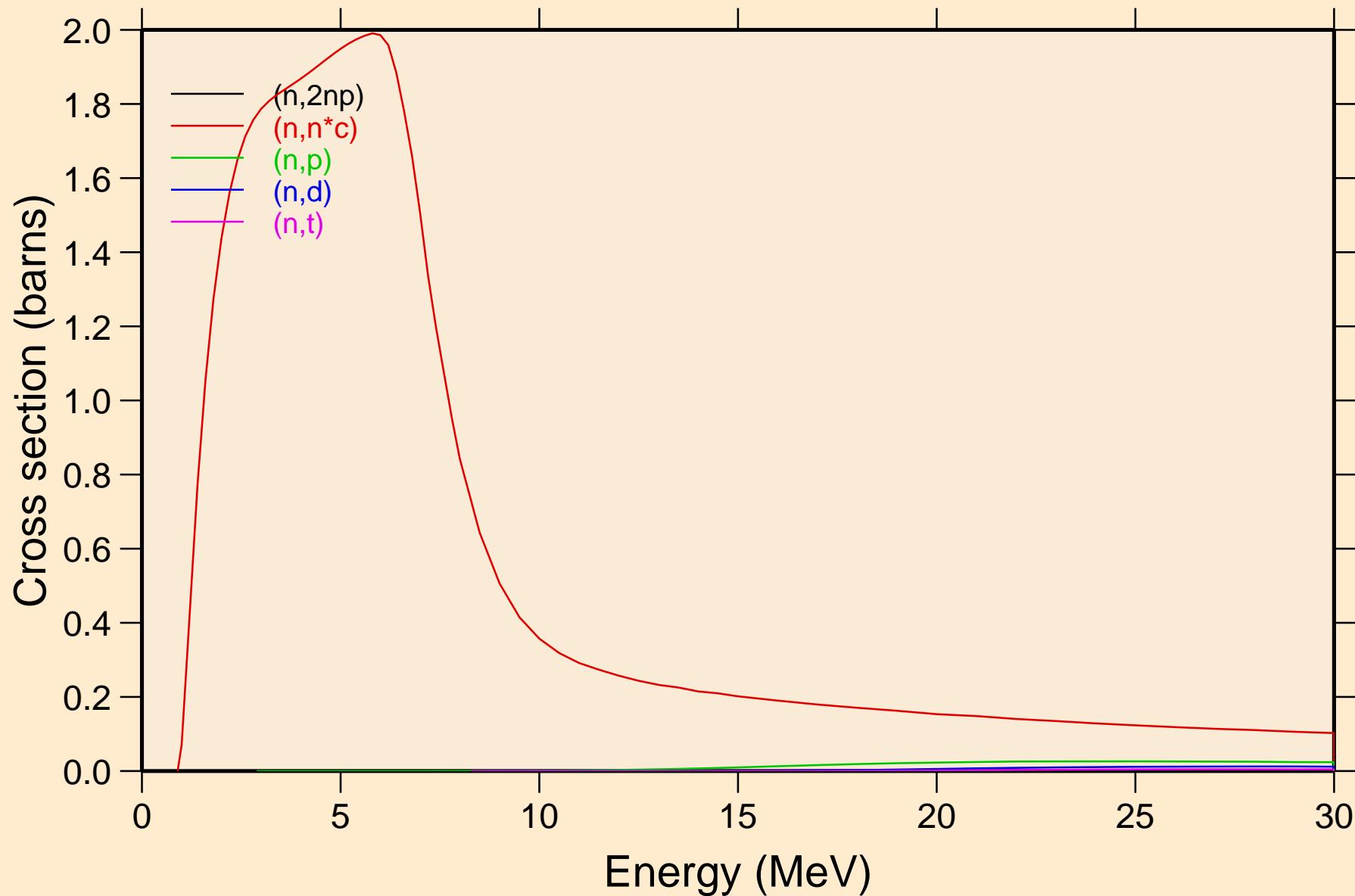
# RU105 NRG TENDL-2015, AKONING

## Threshold reactions



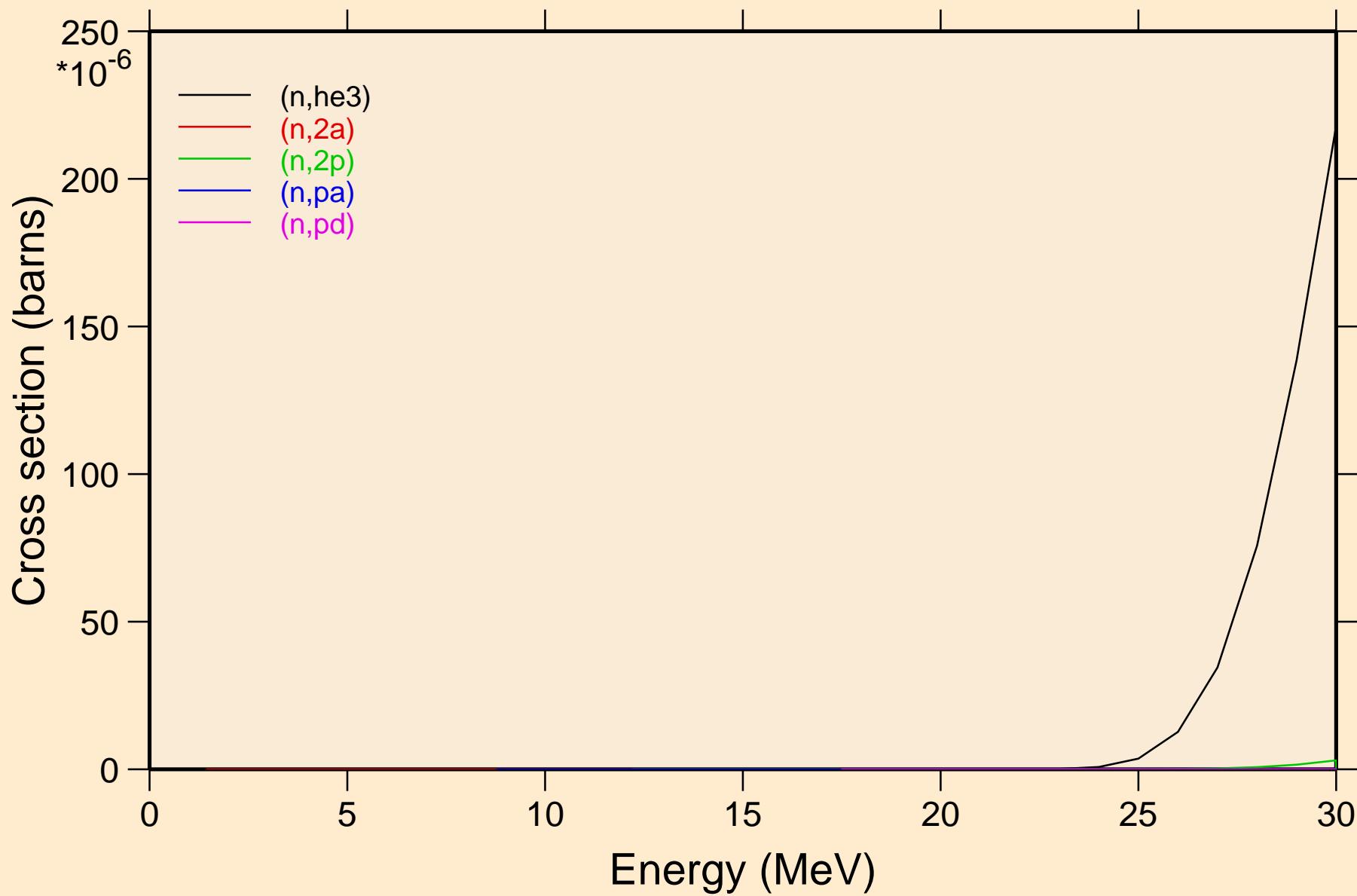
# RU105 NRG TENDL-2015, AKONING

## Threshold reactions

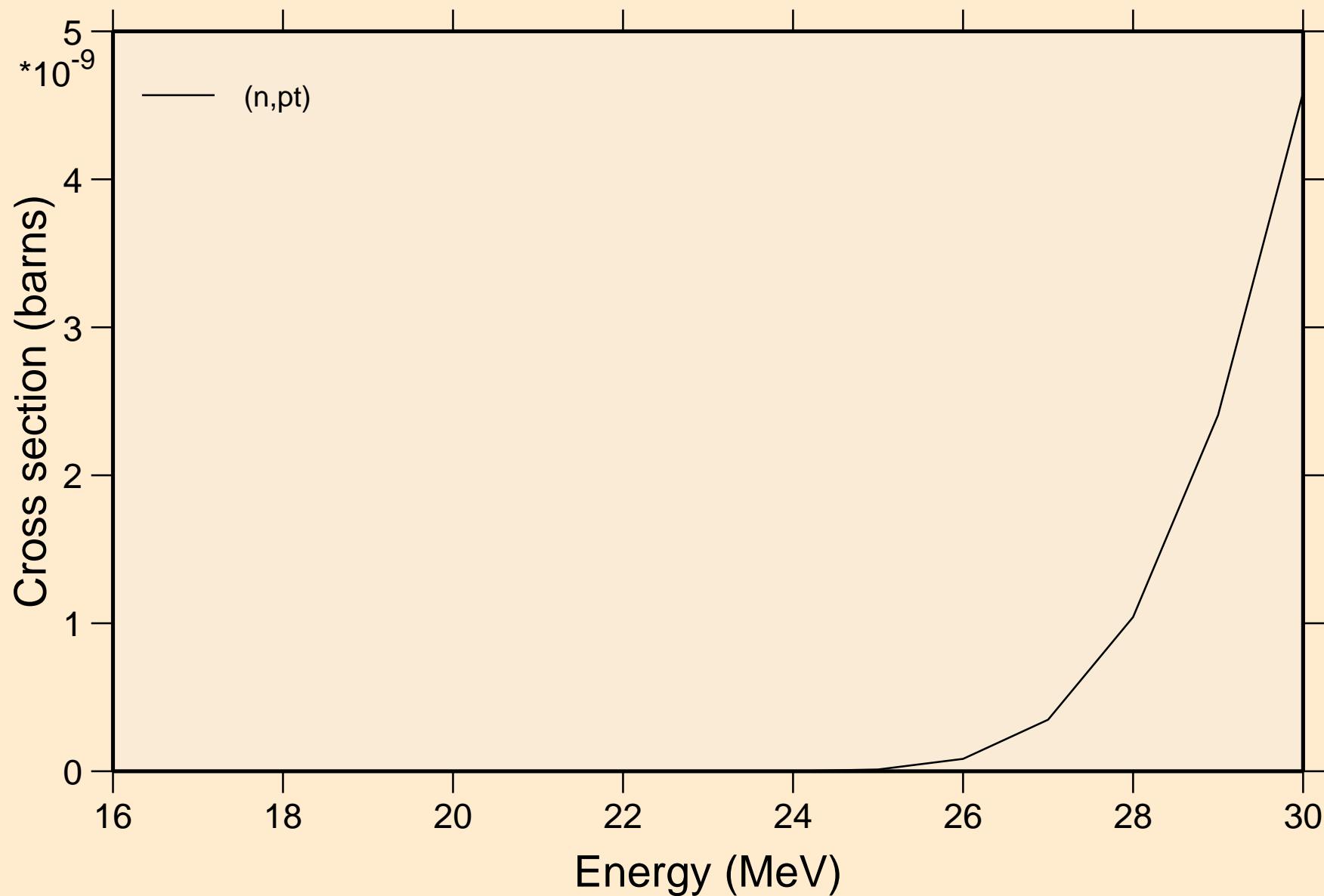


# RU105 NRG TENDL-2015, AKONING

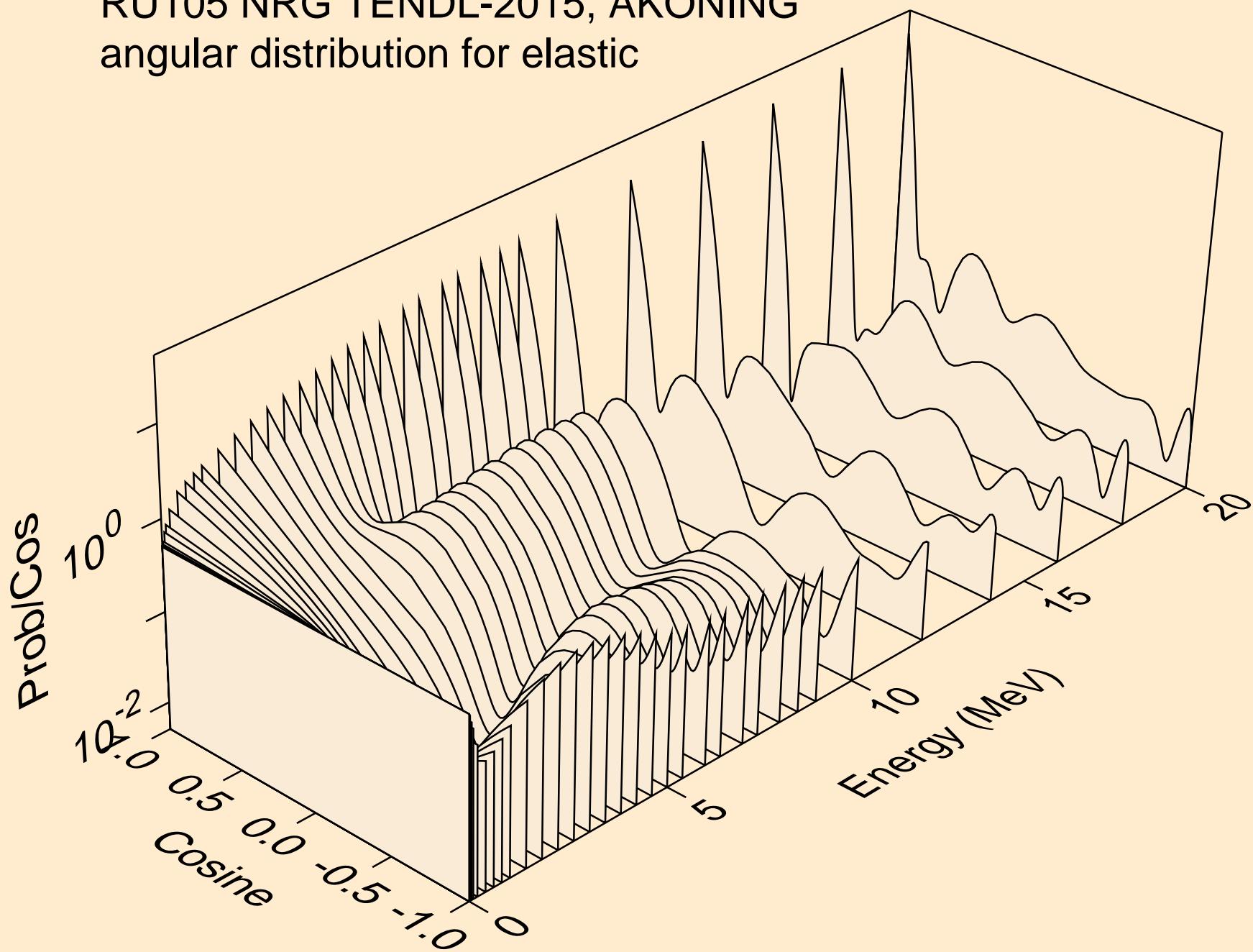
## Threshold reactions



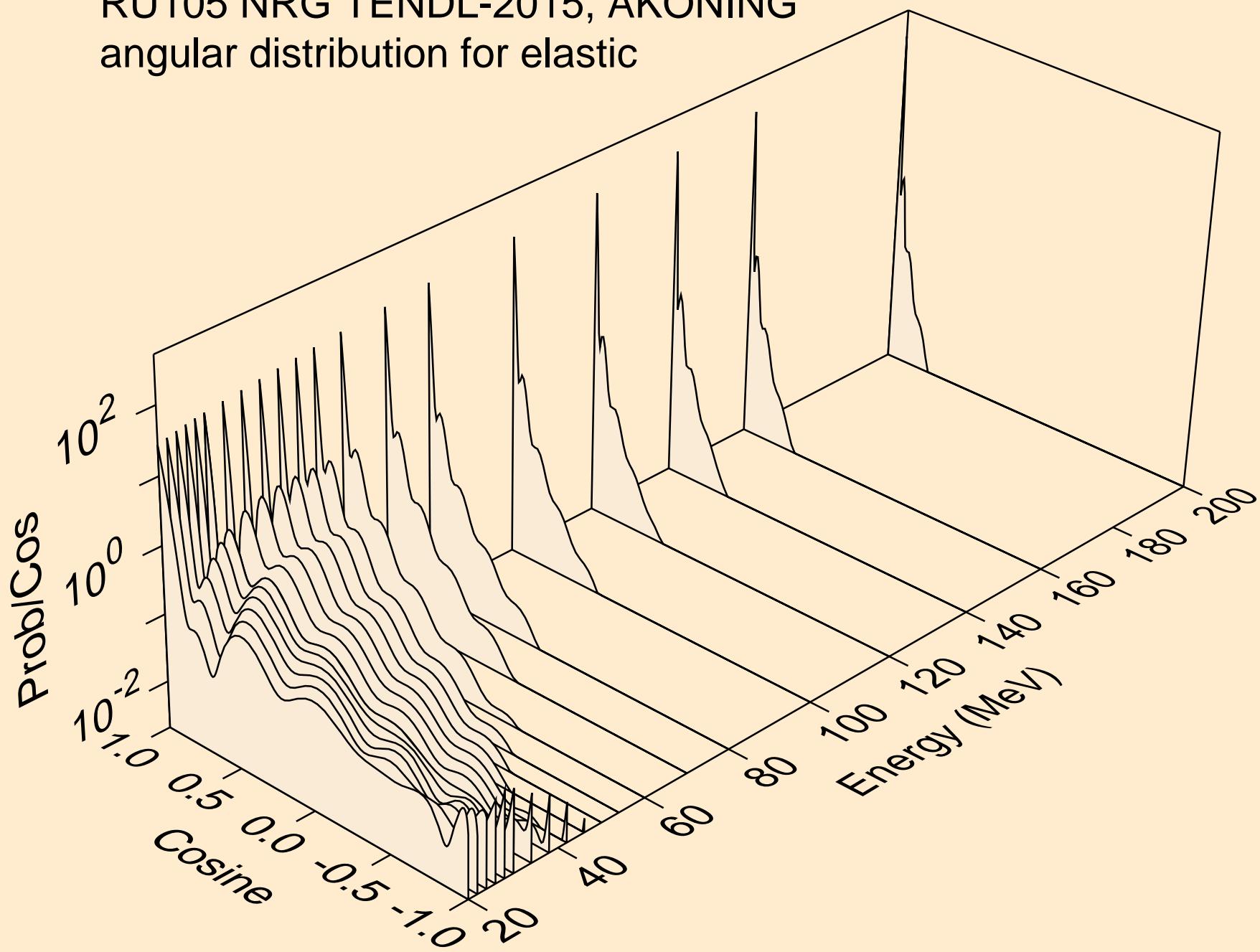
RU105 NRG TENDL-2015, AKONING  
Threshold reactions



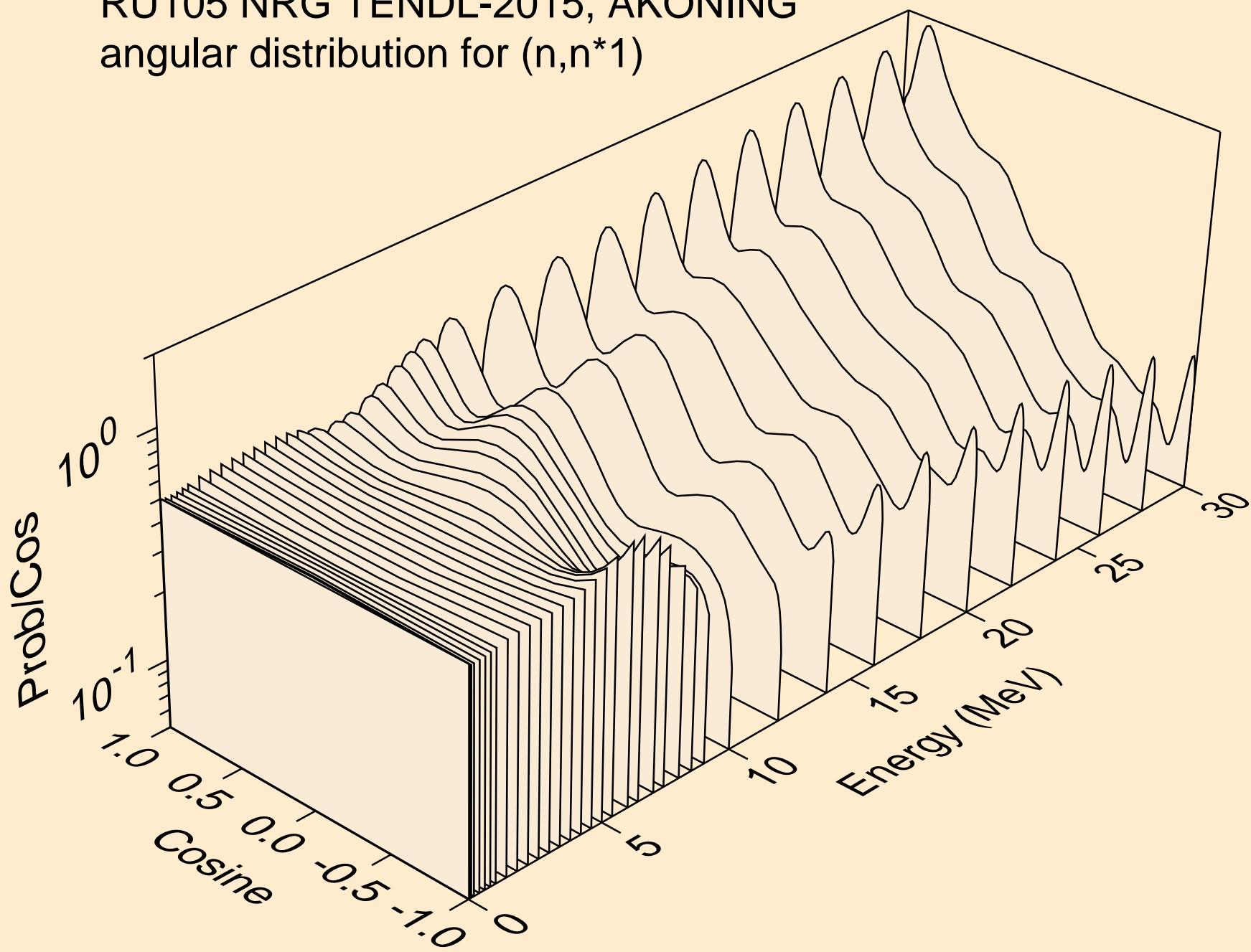
RU105 NRG TENDL-2015, AKONING  
angular distribution for elastic



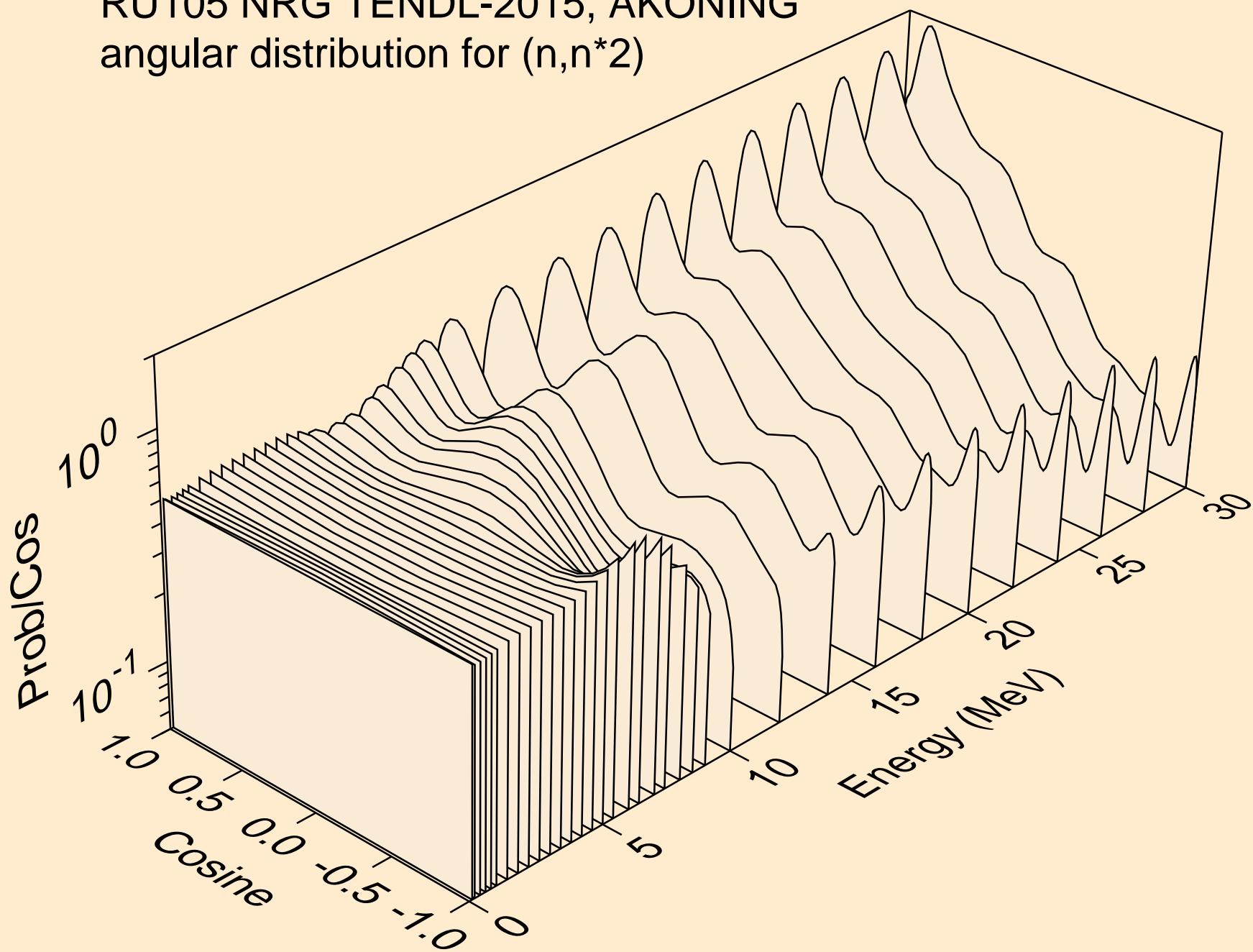
RU105 NRG TENDL-2015, AKONING  
angular distribution for elastic



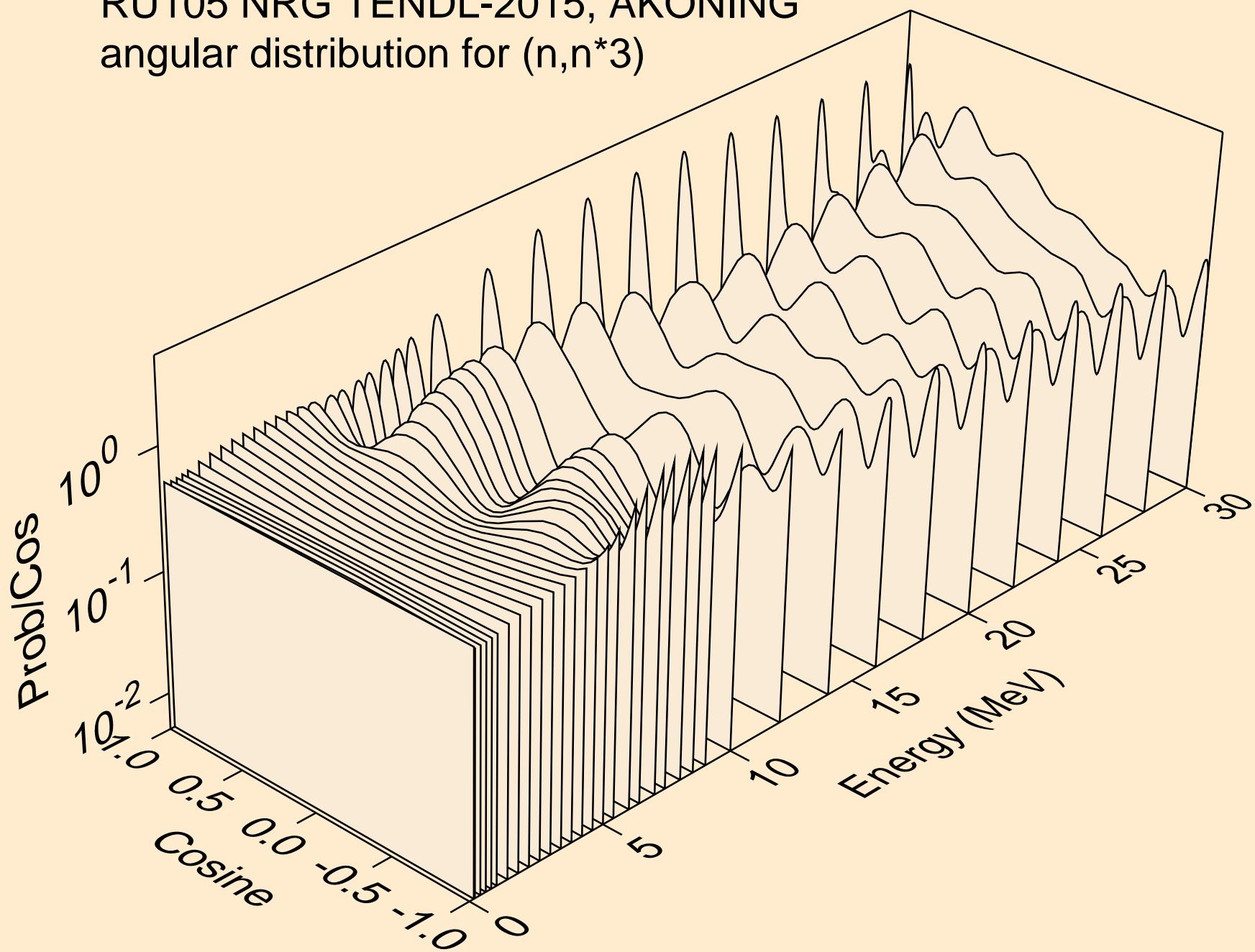
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$



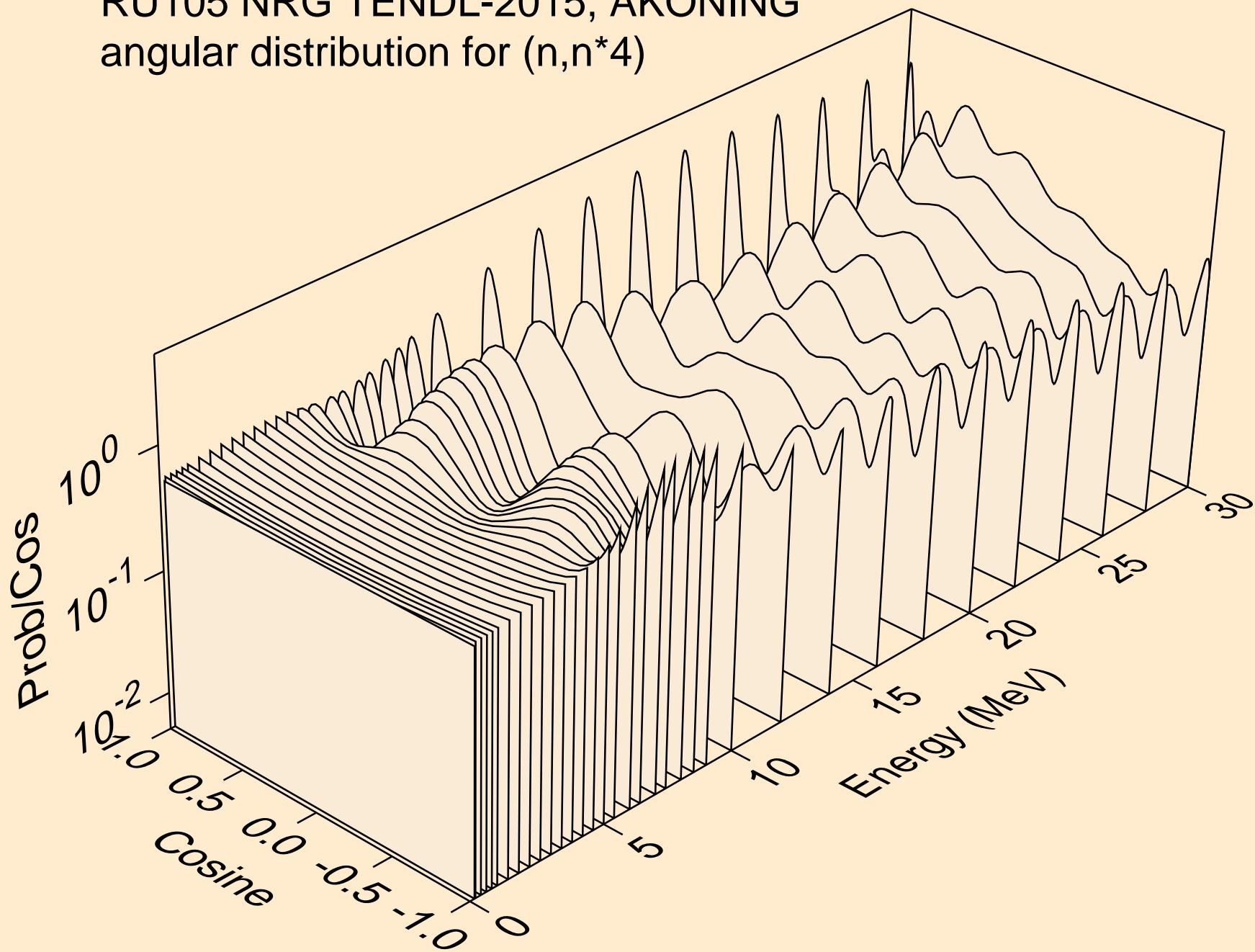
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*2)$



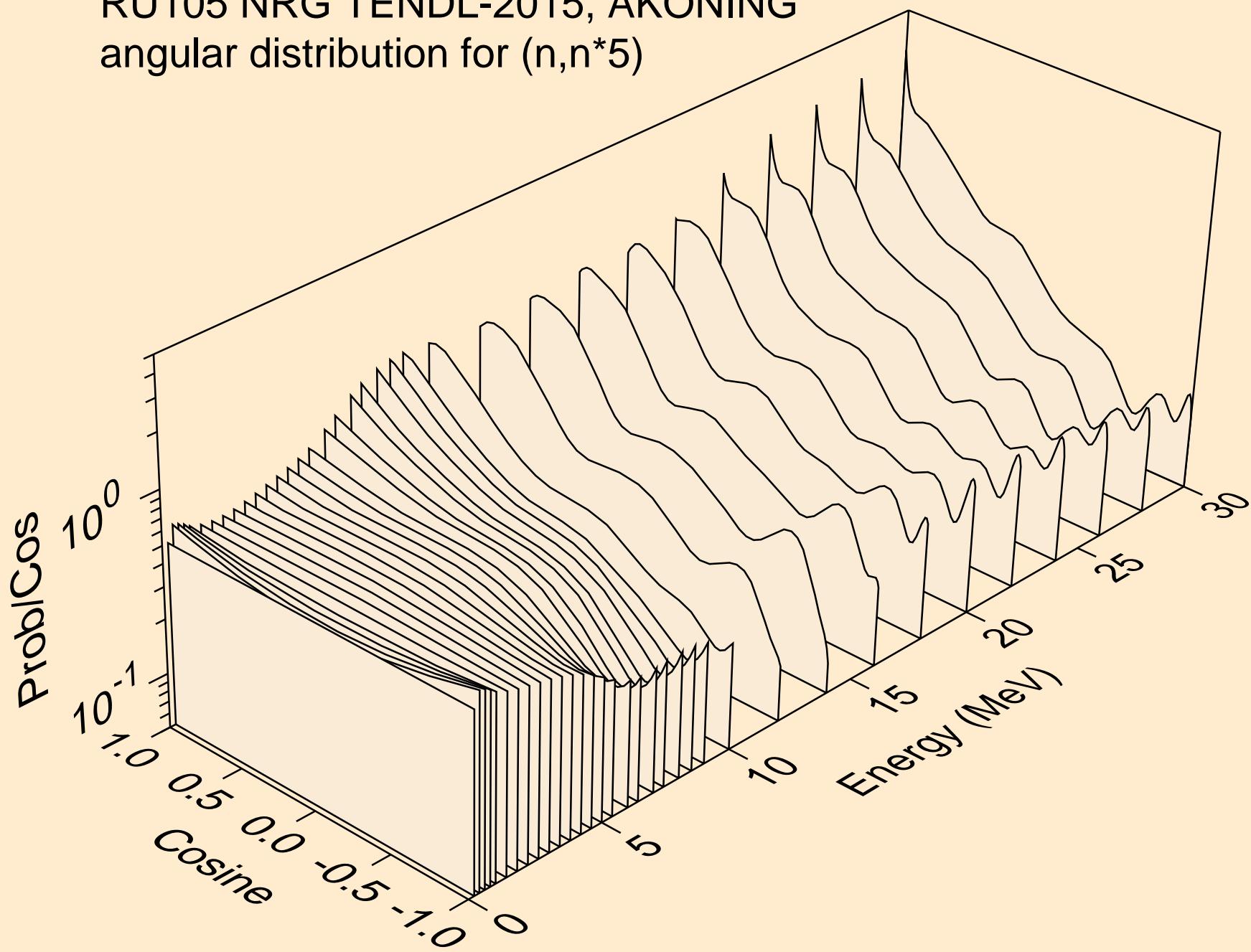
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*3)$



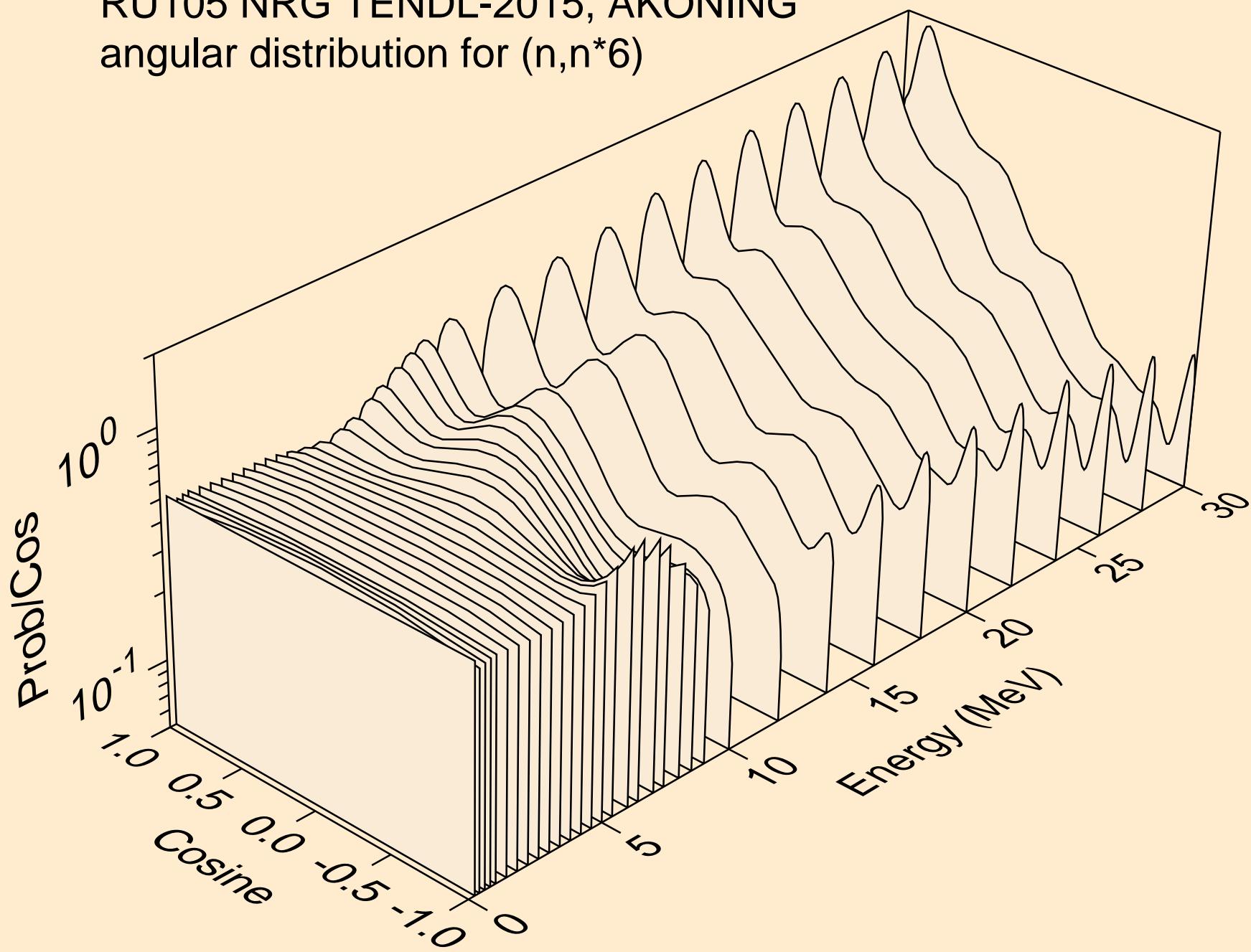
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*4)$



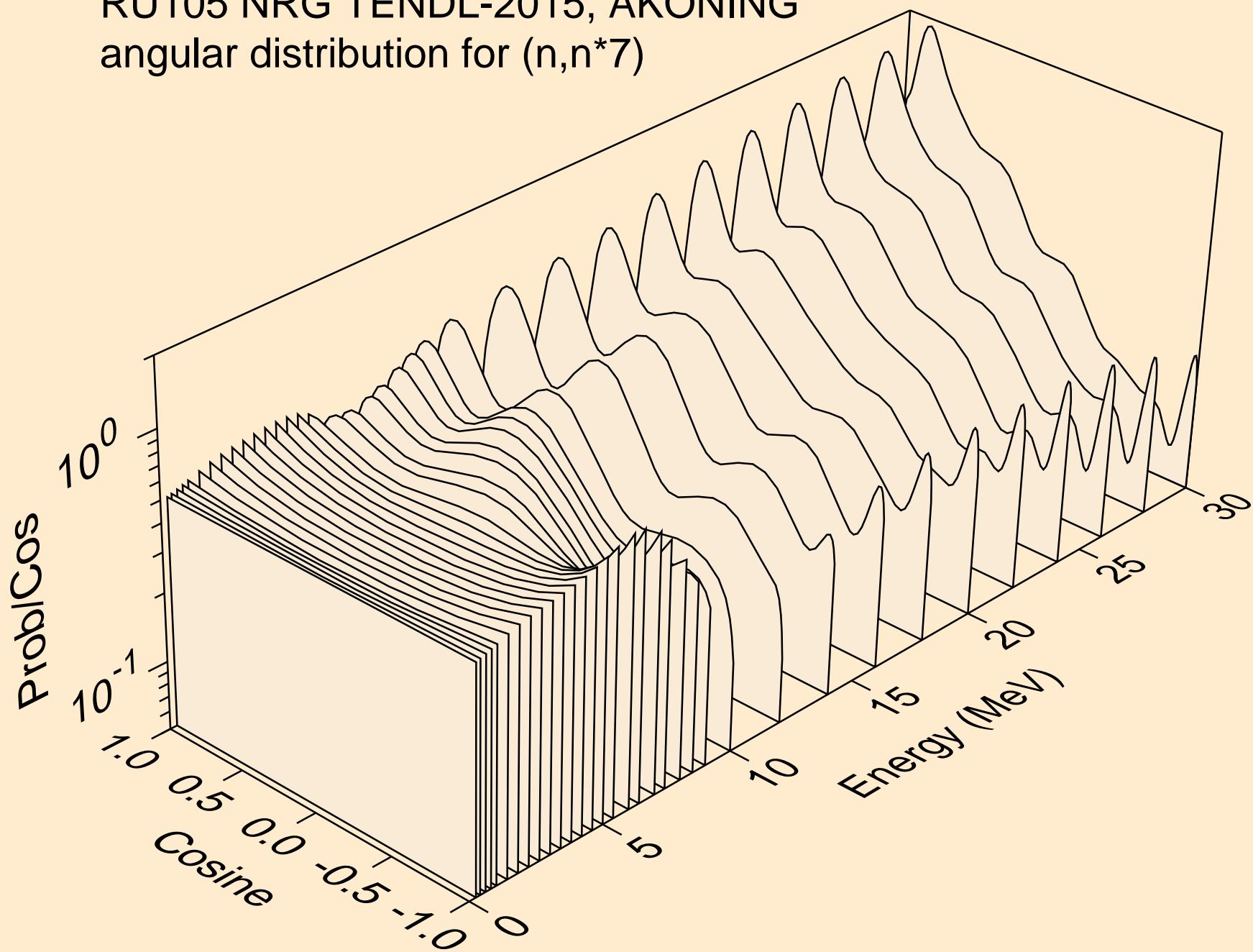
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^5$



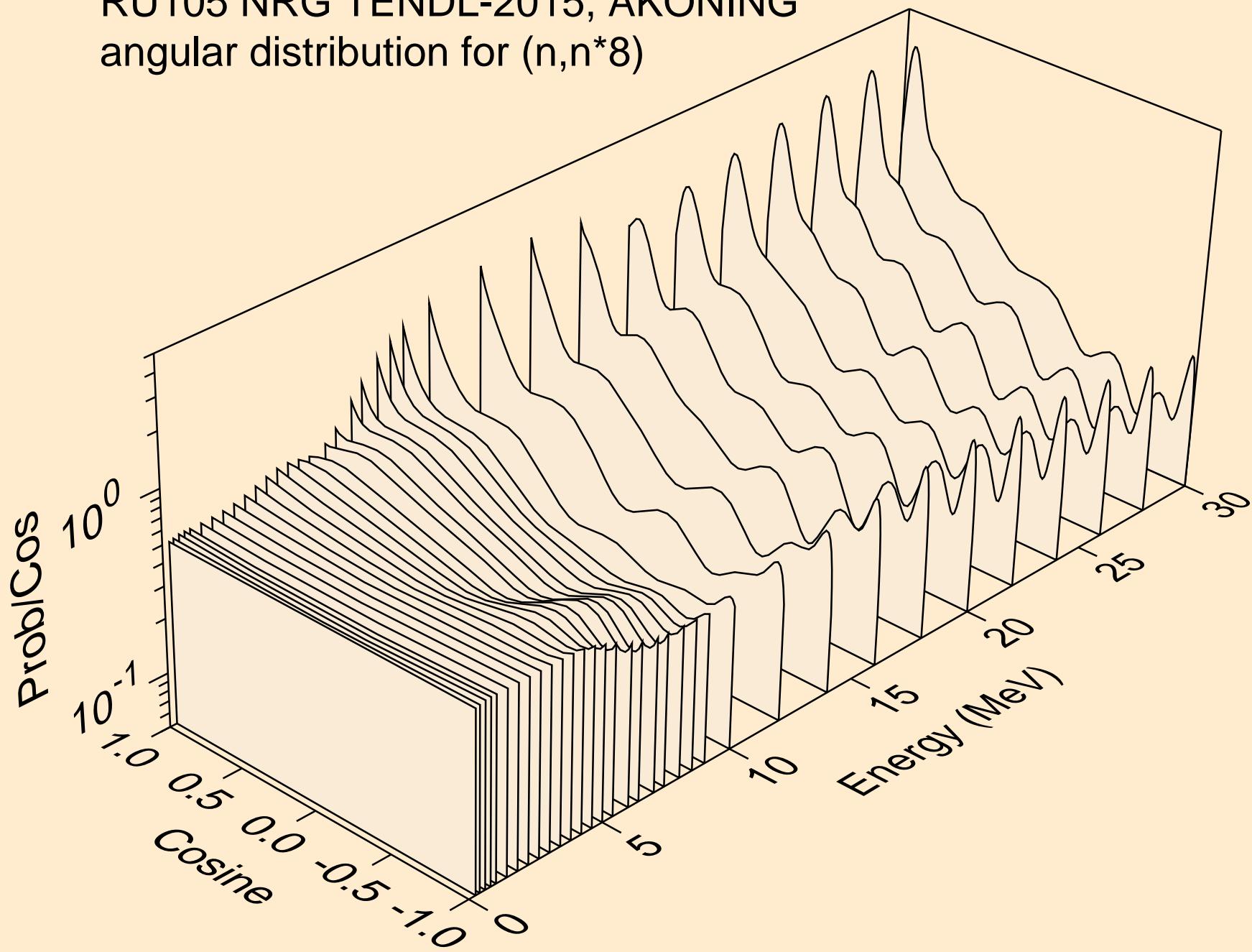
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*6)$



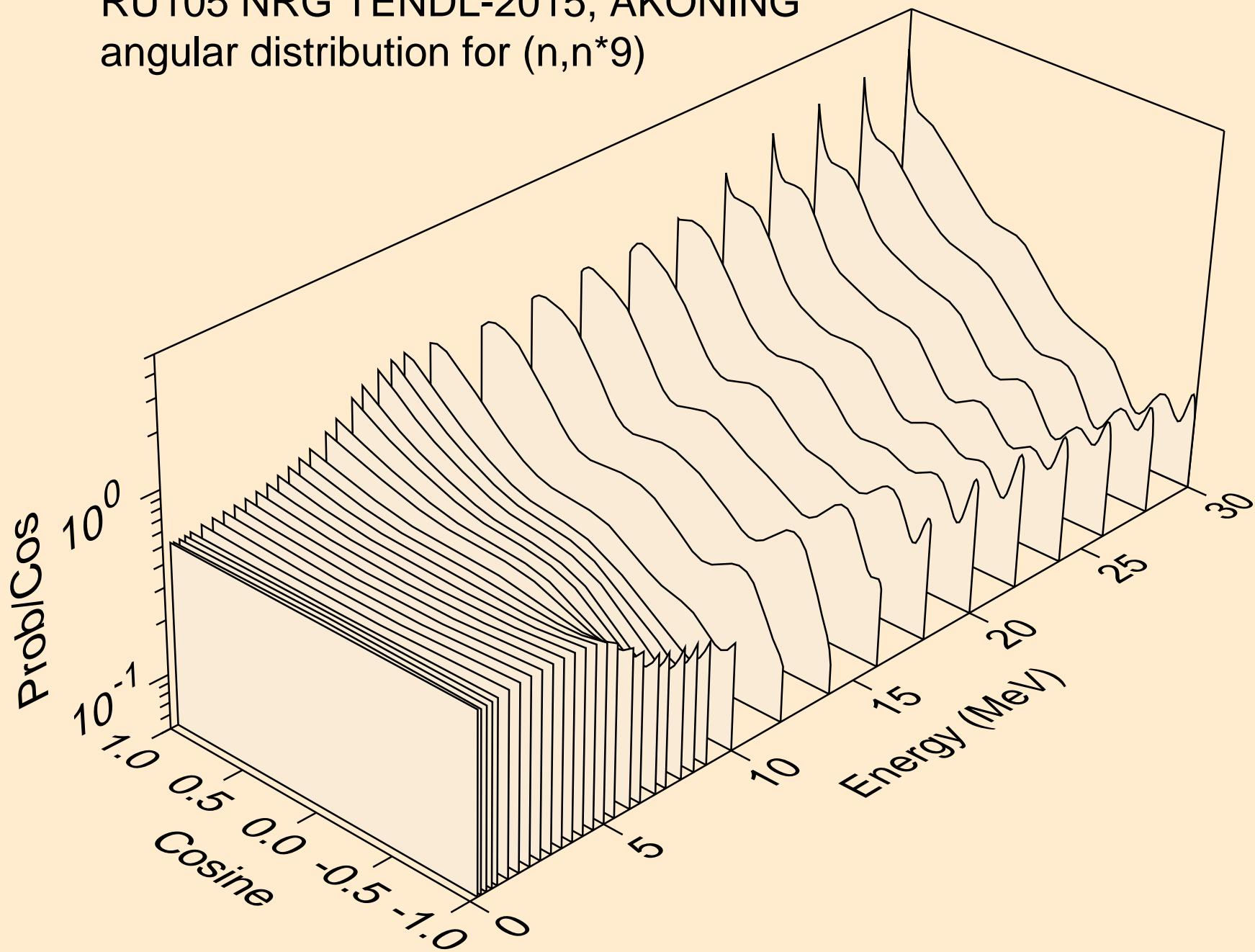
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^7$



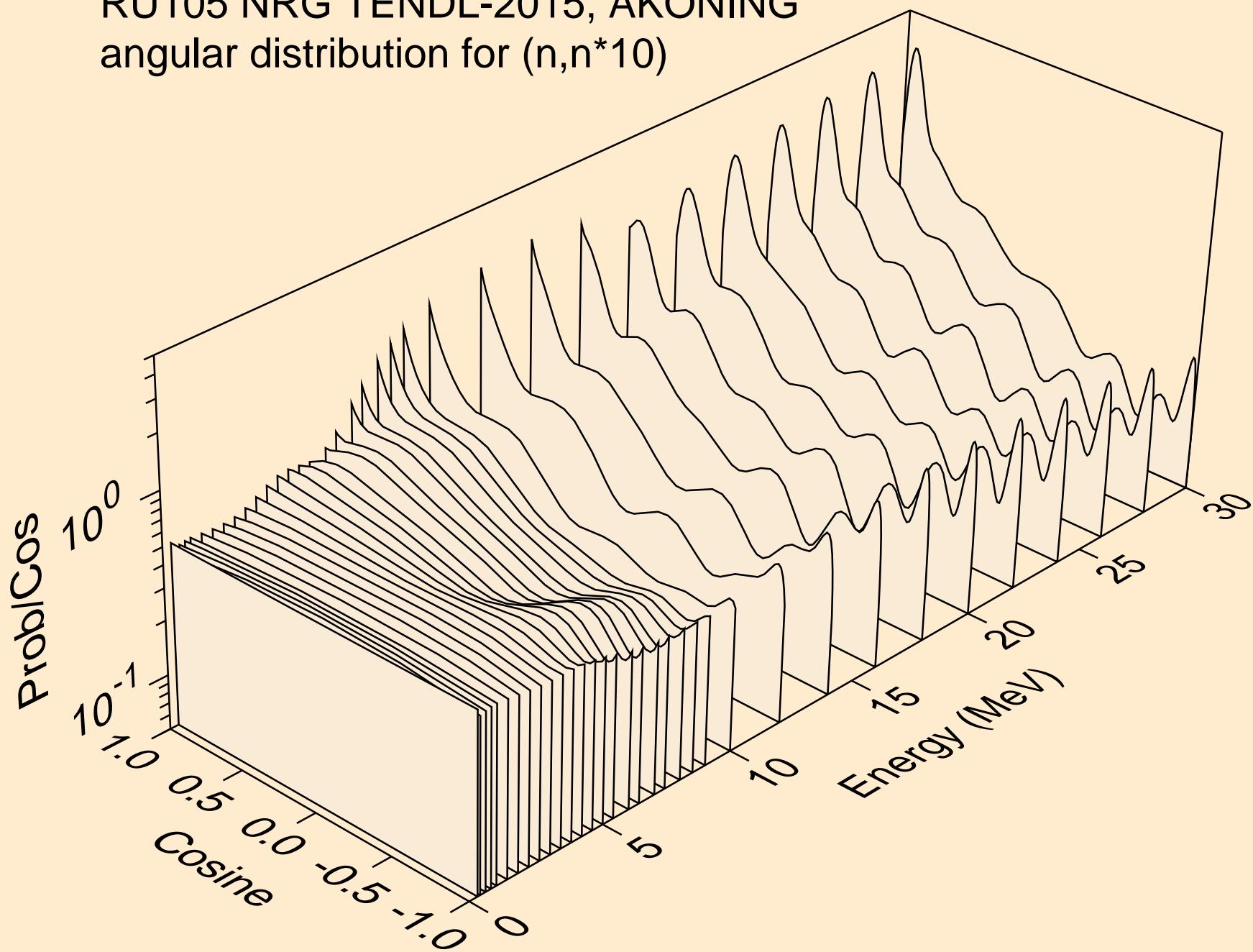
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)^8$



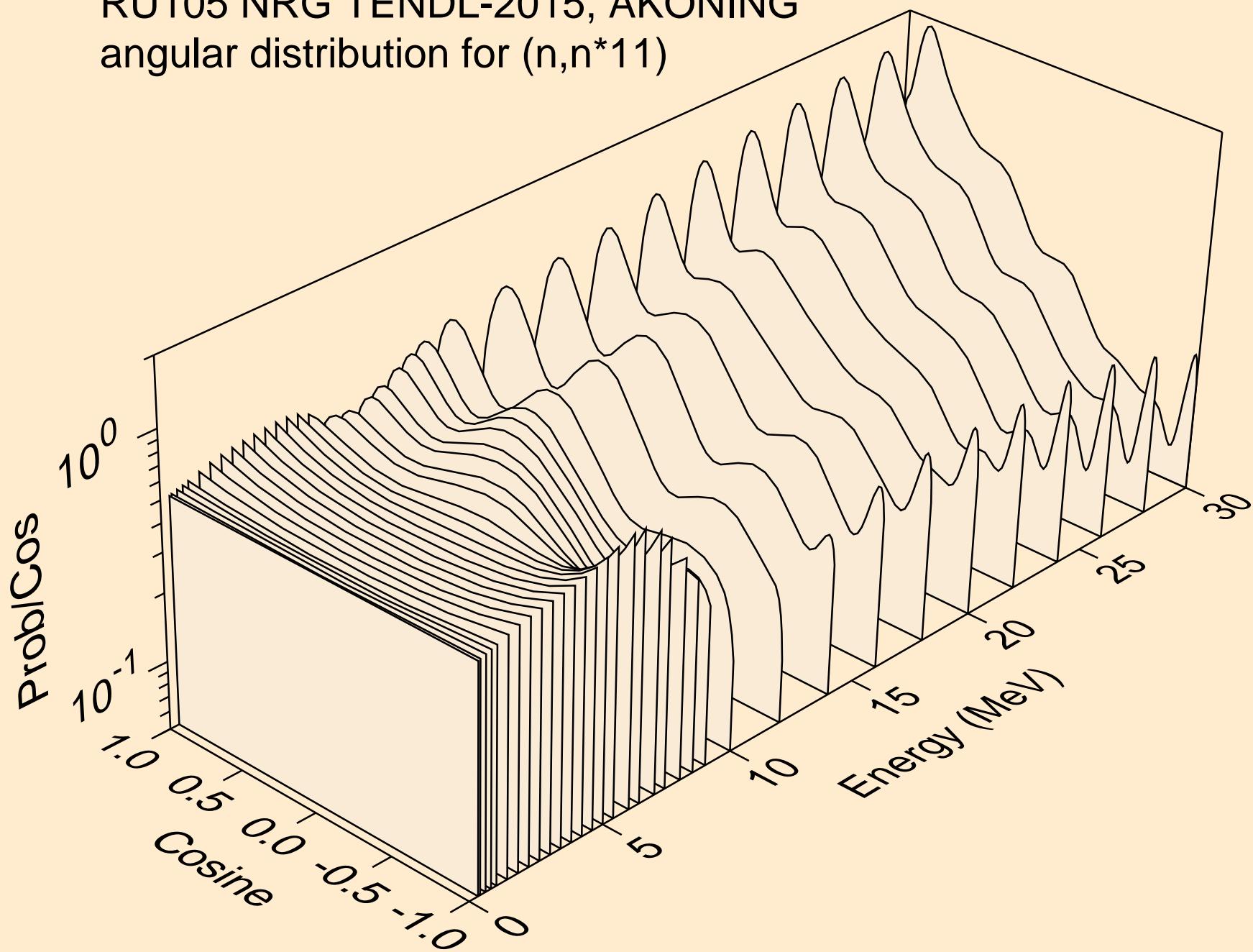
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)9$



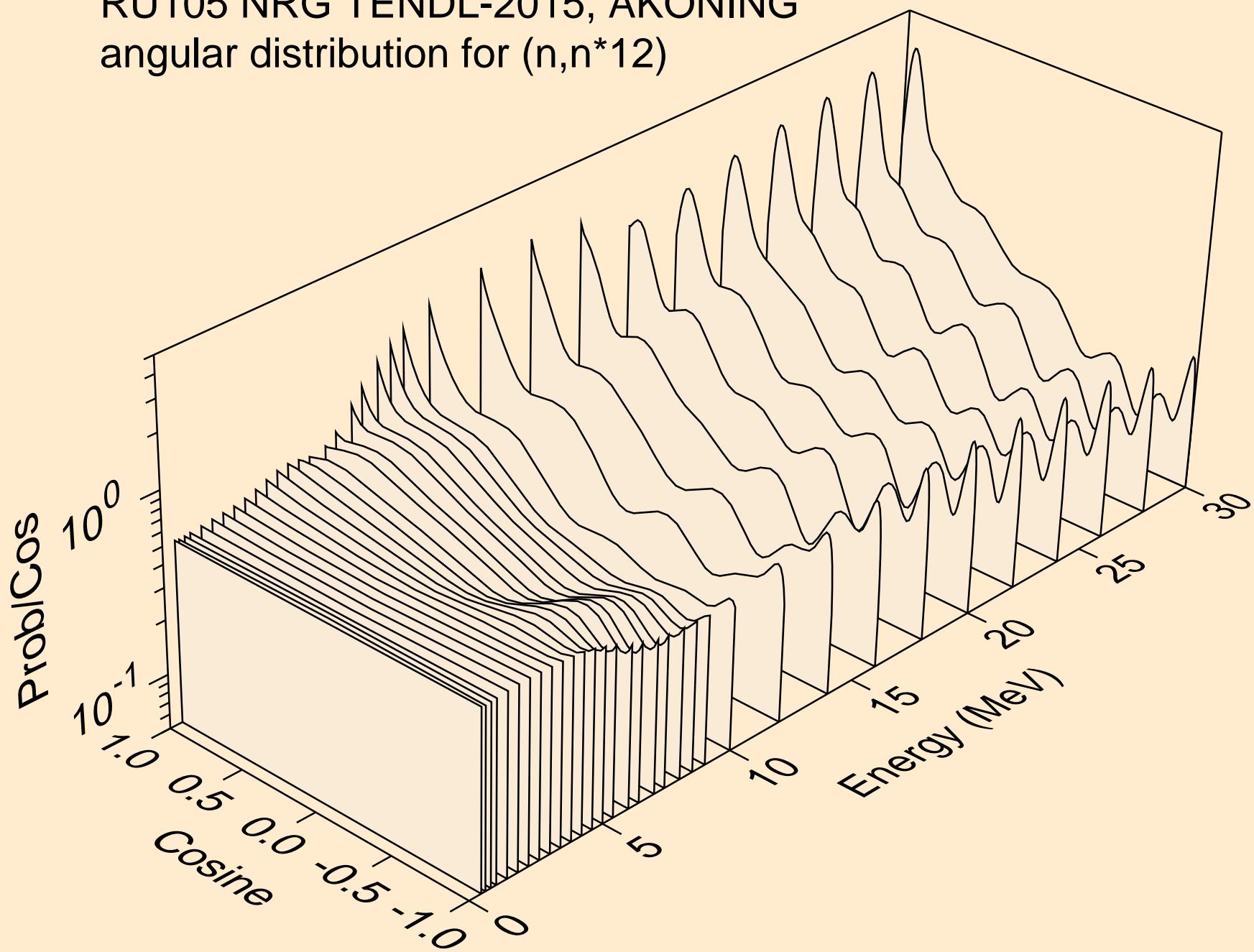
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*10)$



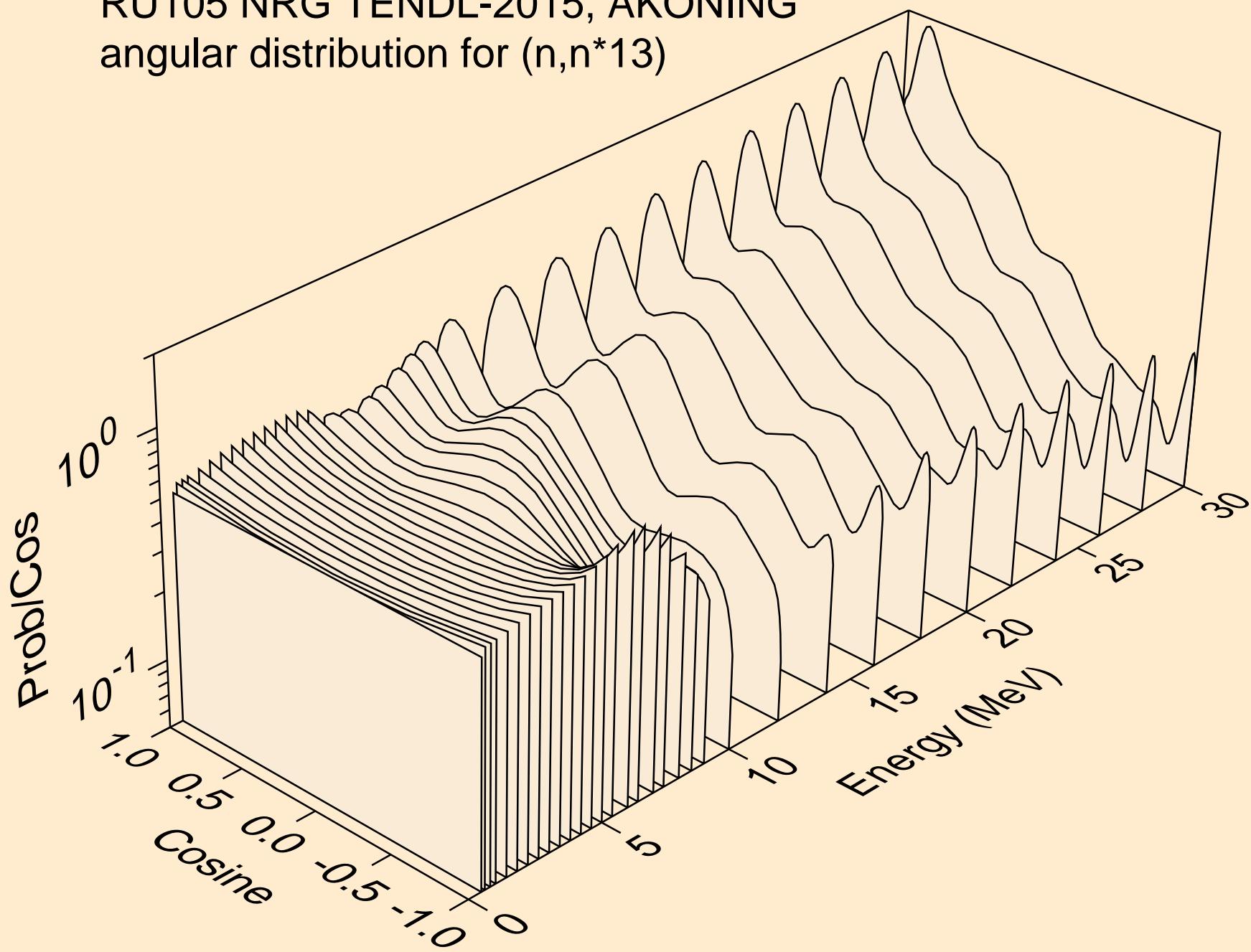
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*11)$



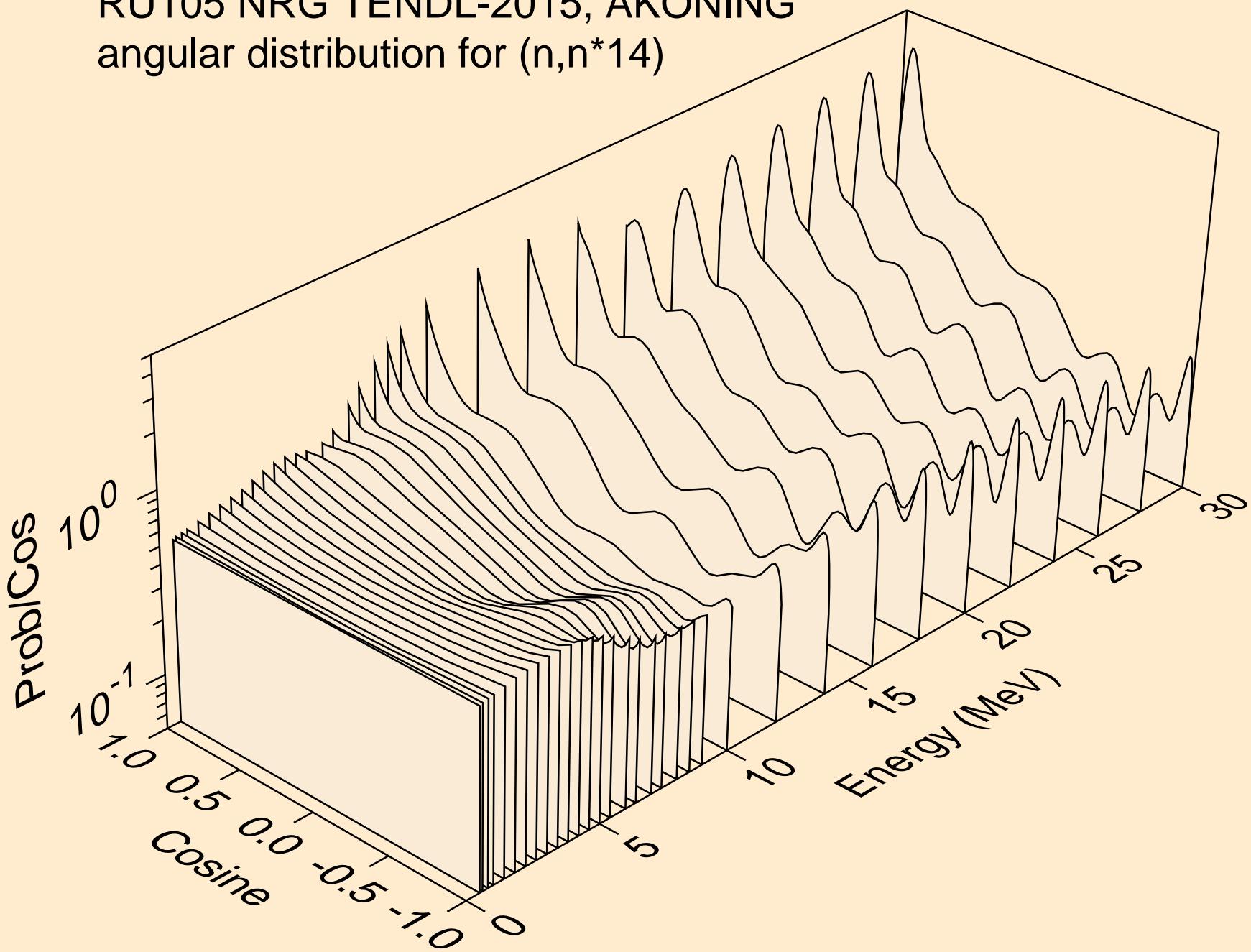
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*12)$



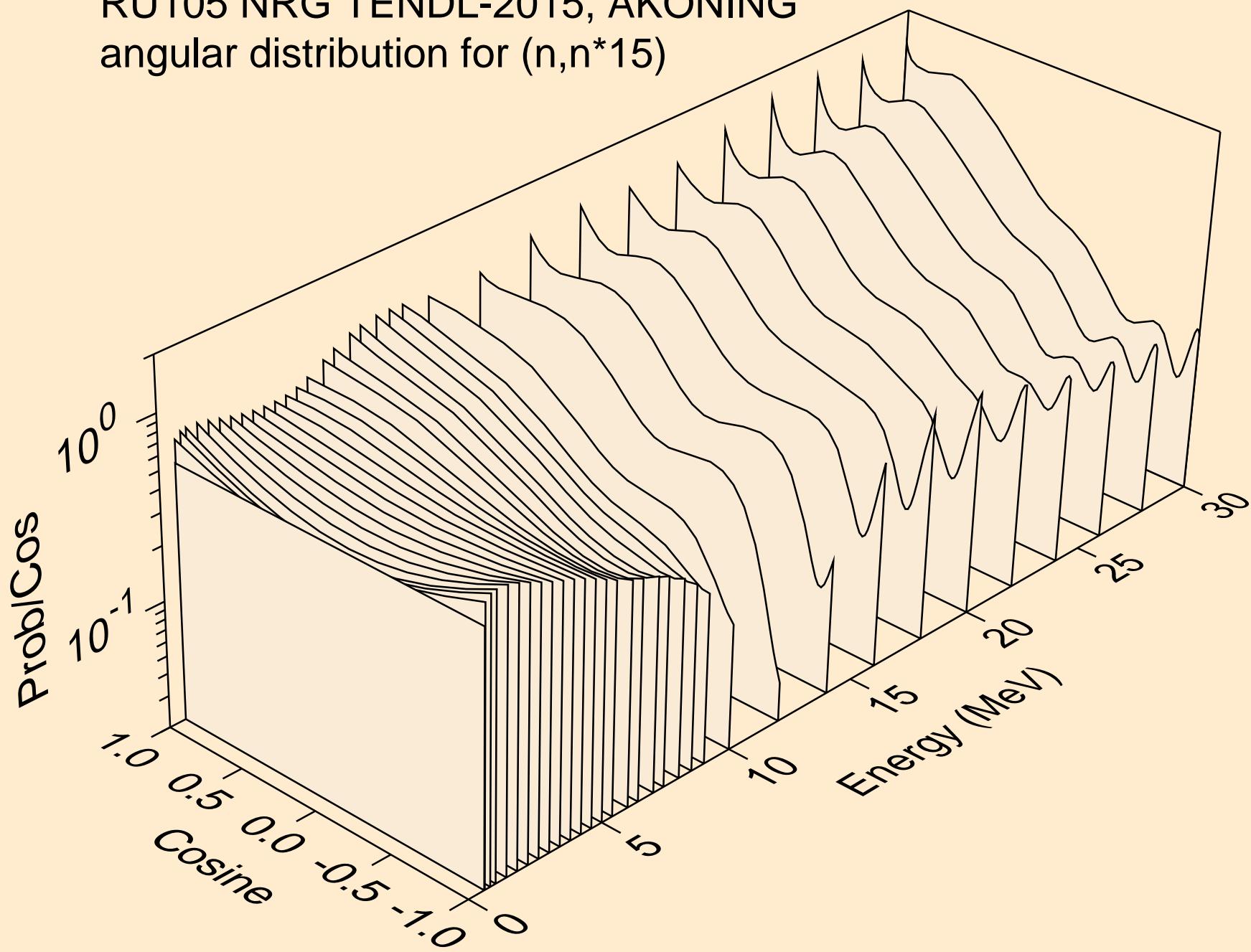
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*13)$



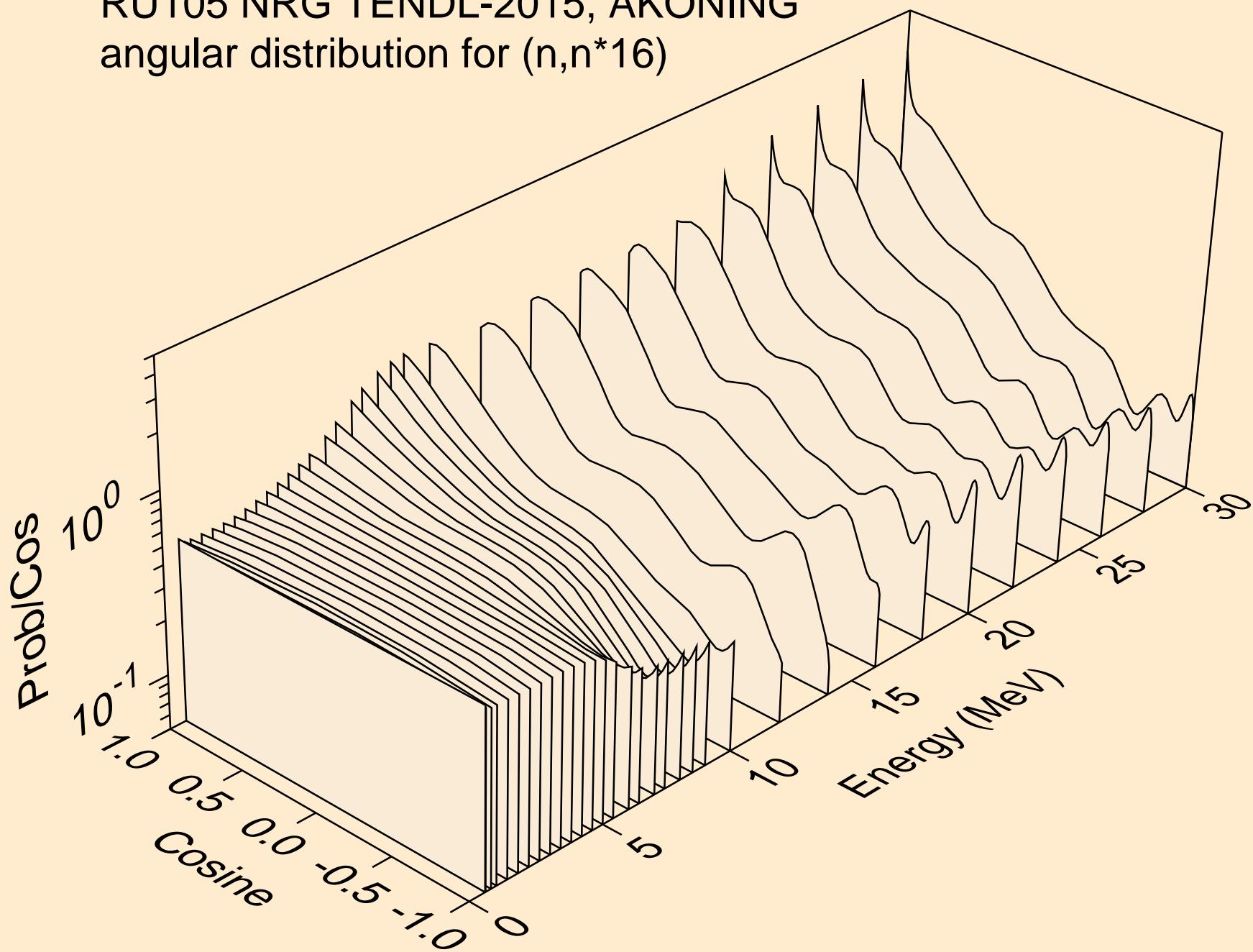
RU105 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



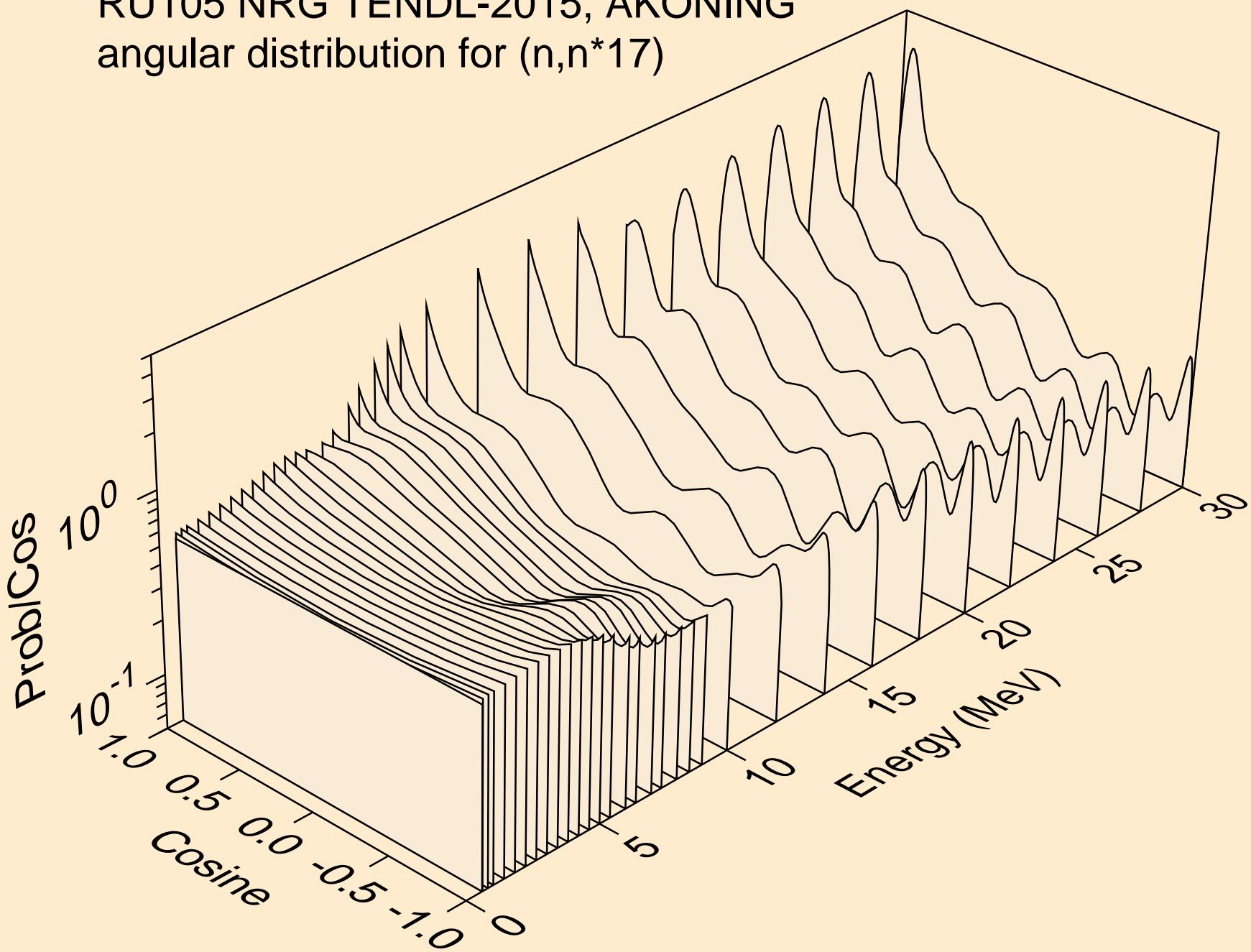
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*15)$



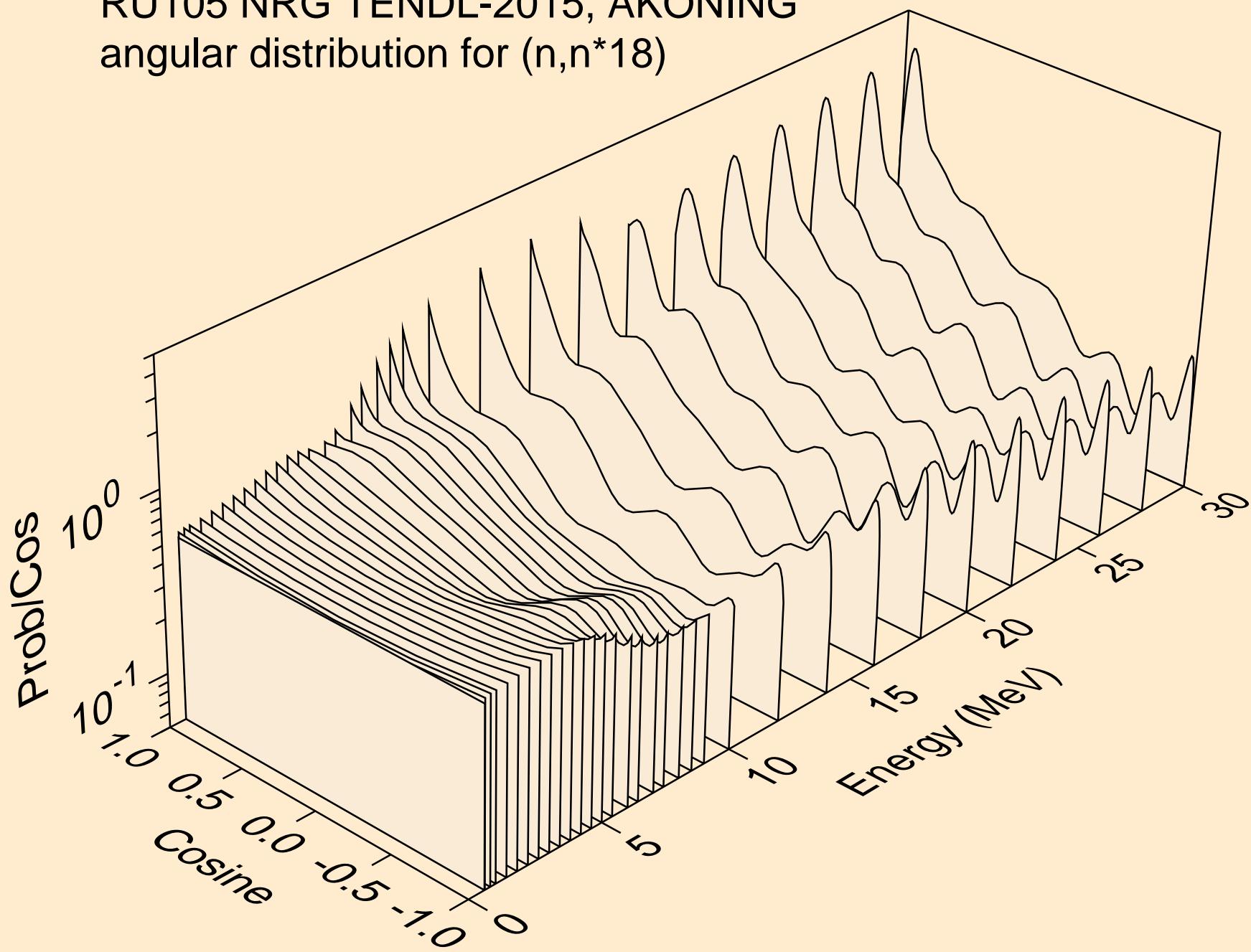
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*16)$



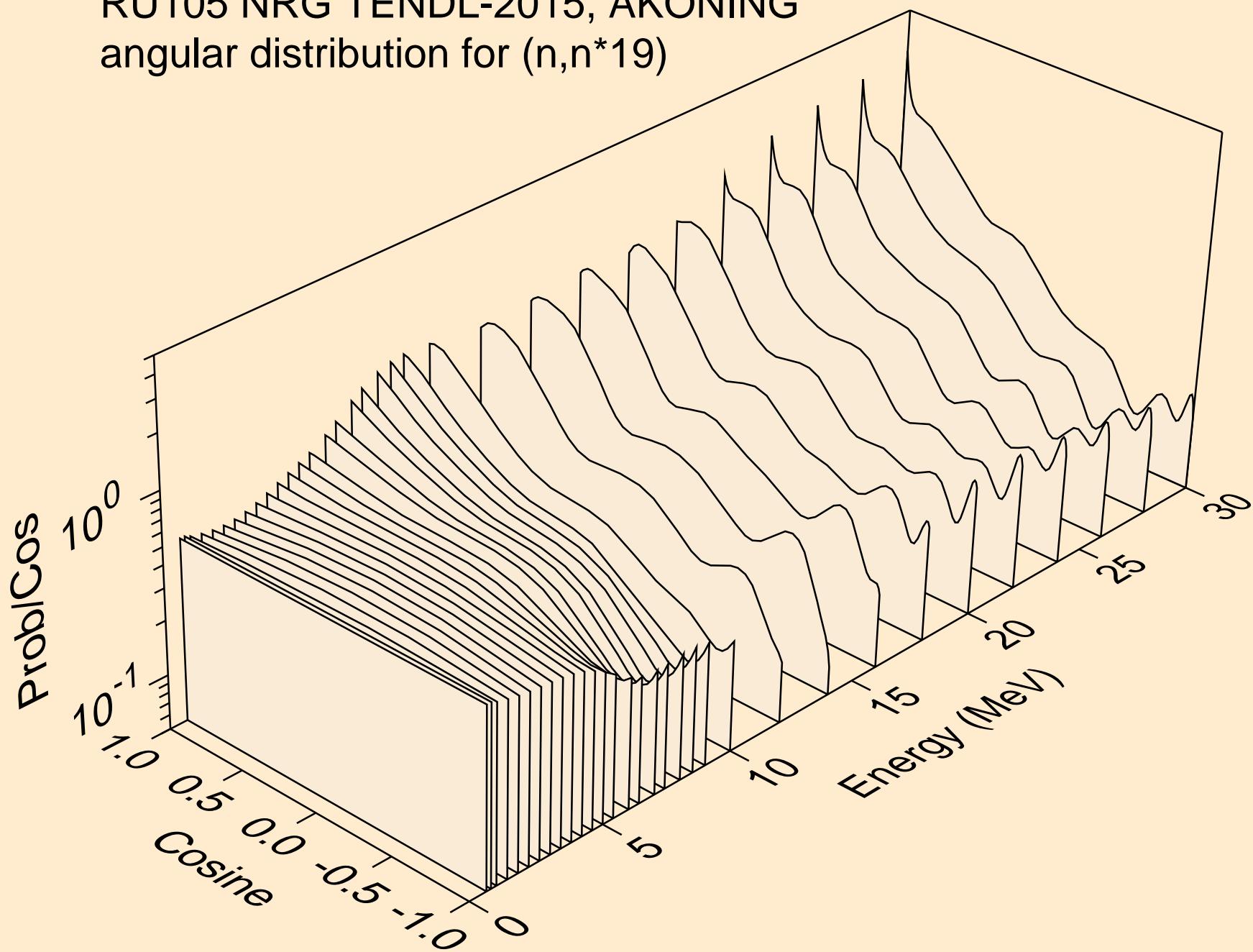
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angular distribution for (n,n\*17)



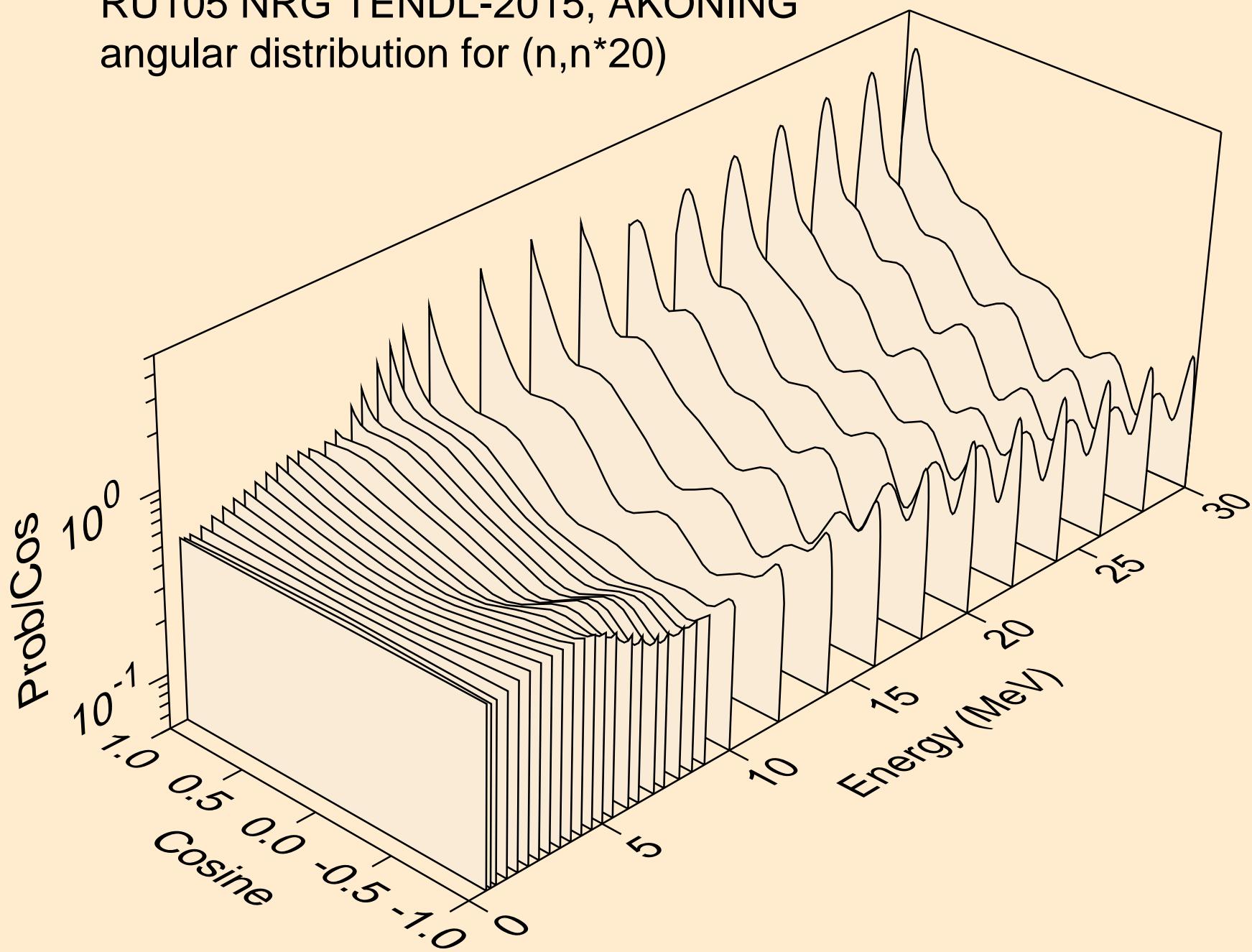
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angular distribution for  $(n,n^*18)$



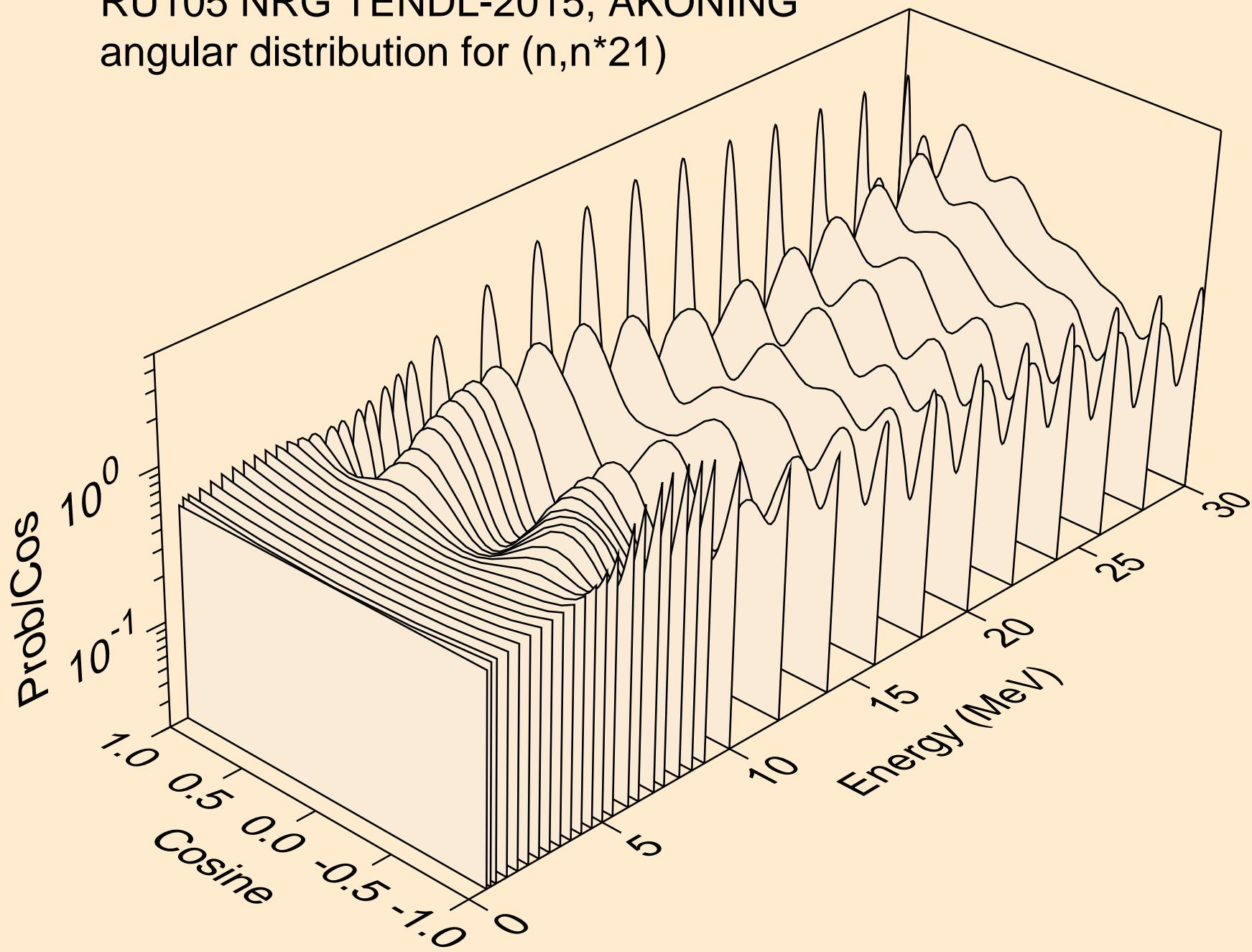
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angular distribution for  $(n,n^*19)$



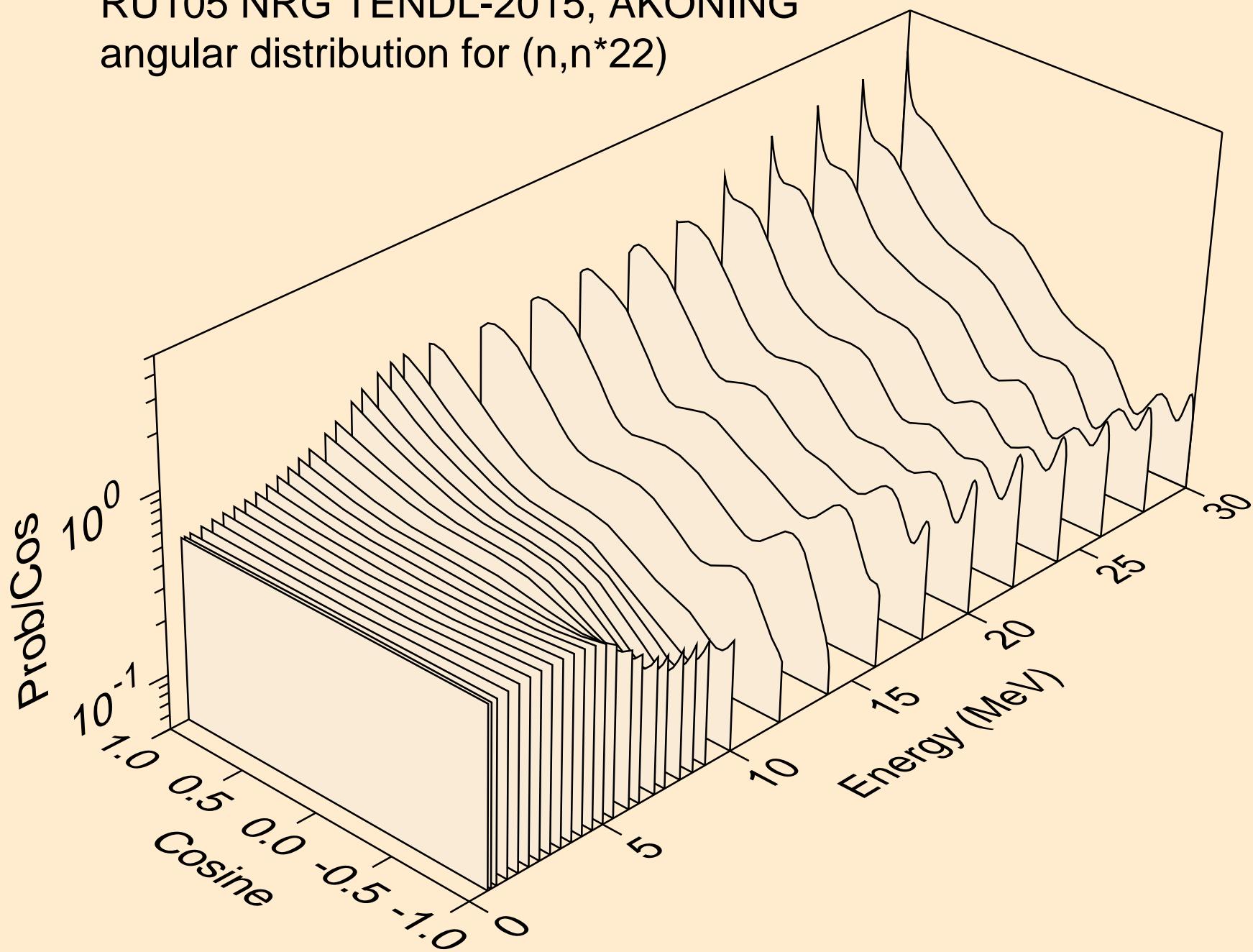
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)$  20



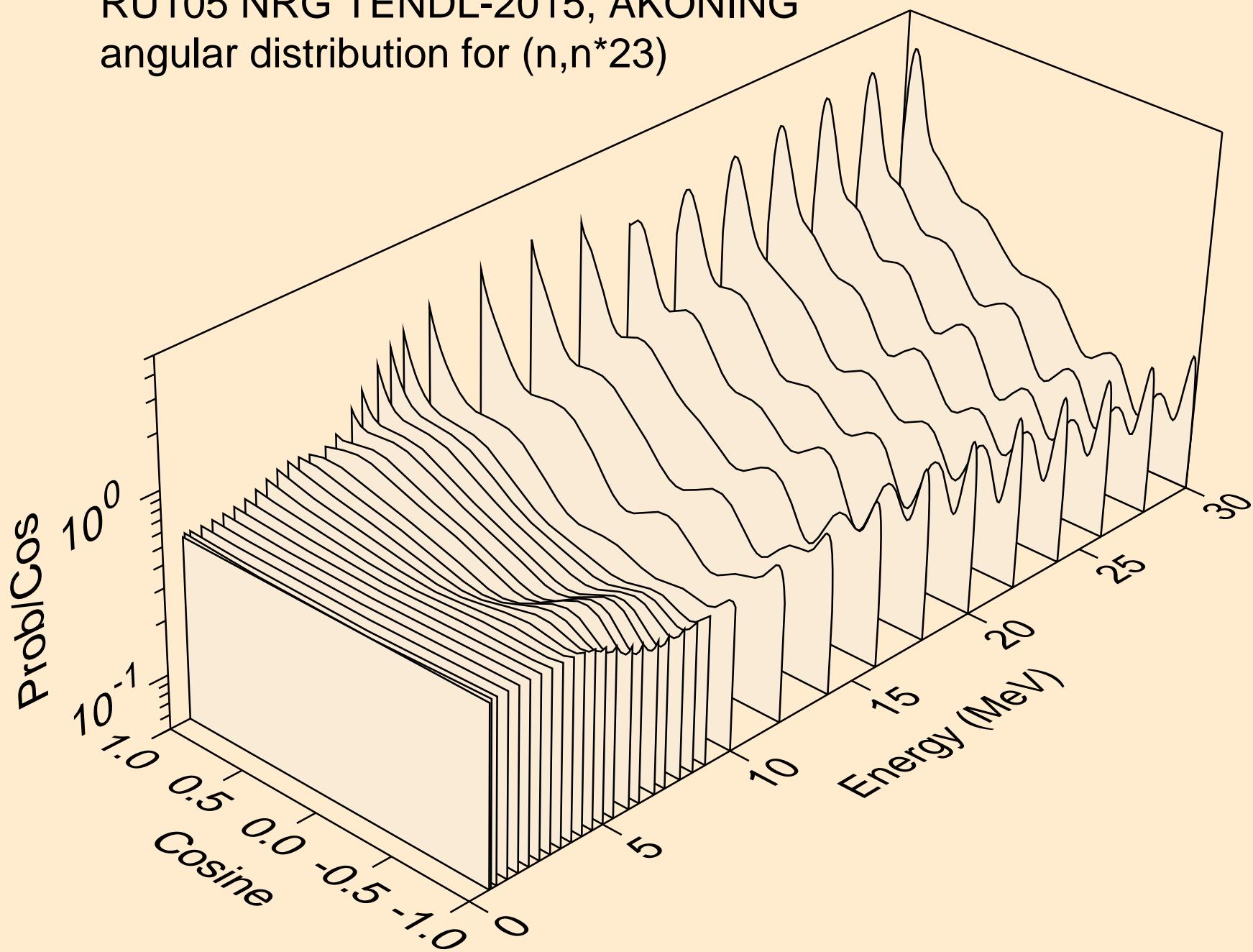
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angular distribution for  $(n,n^*21)$



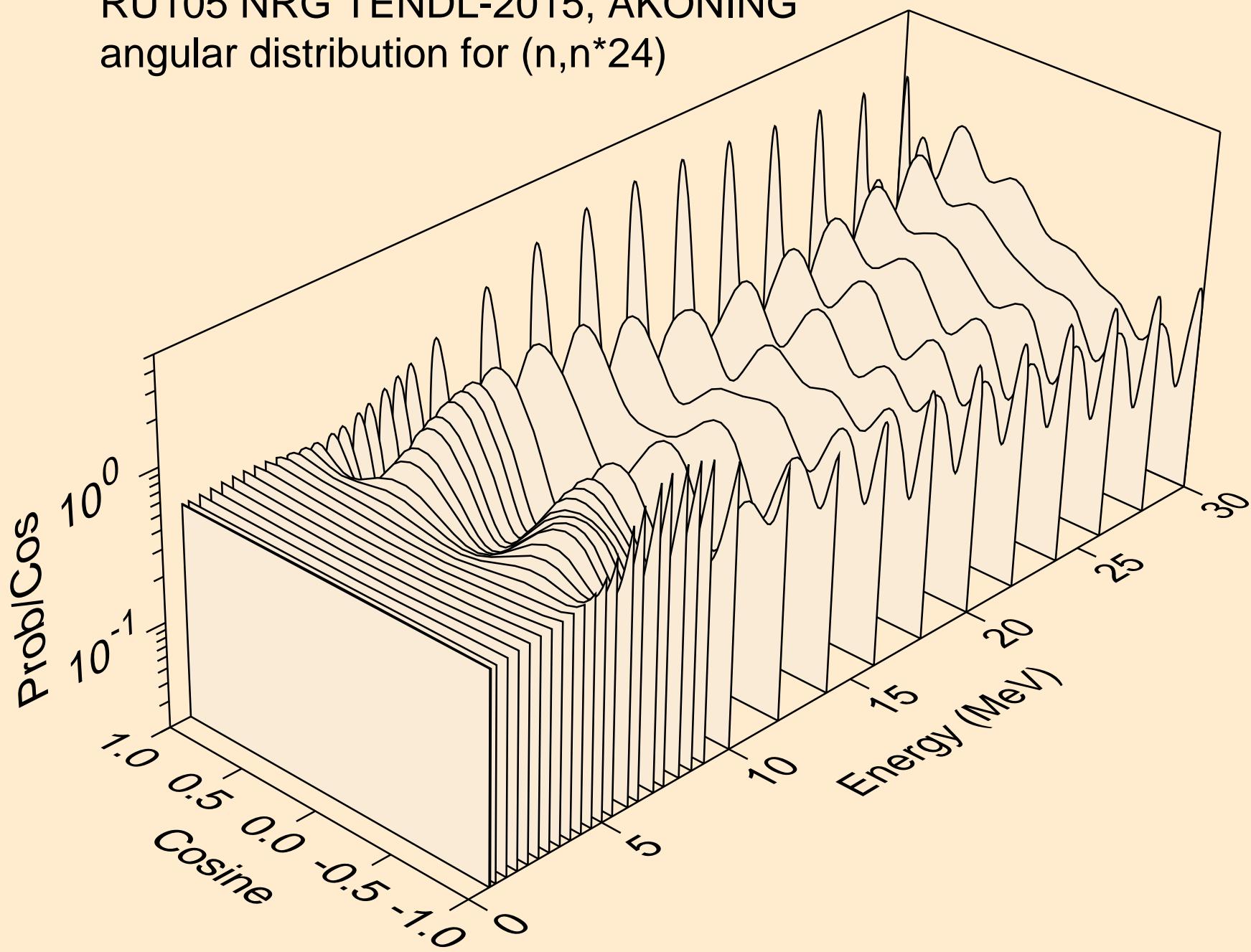
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)_{22}$



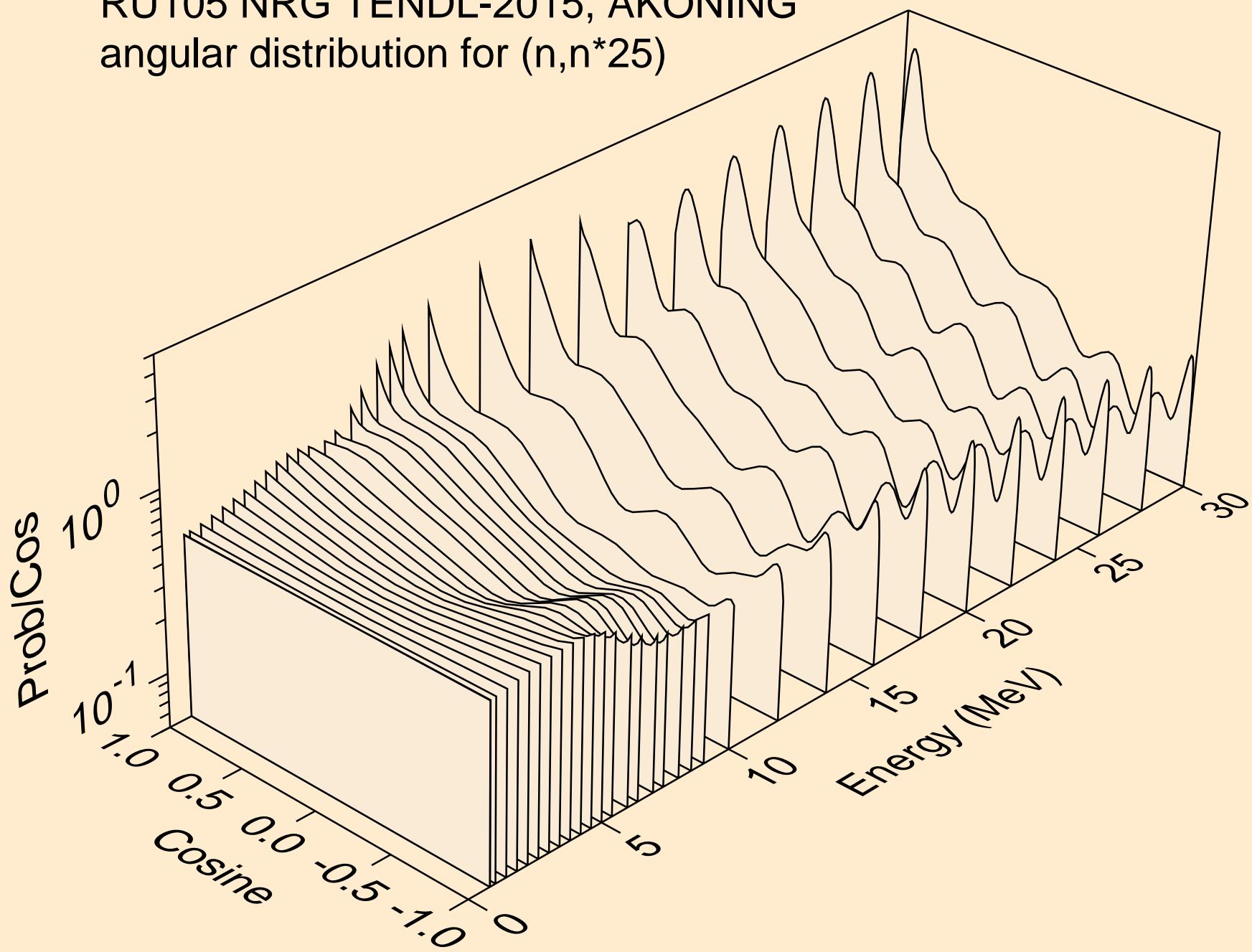
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angular distribution for  $(n,n^*)_{23}$



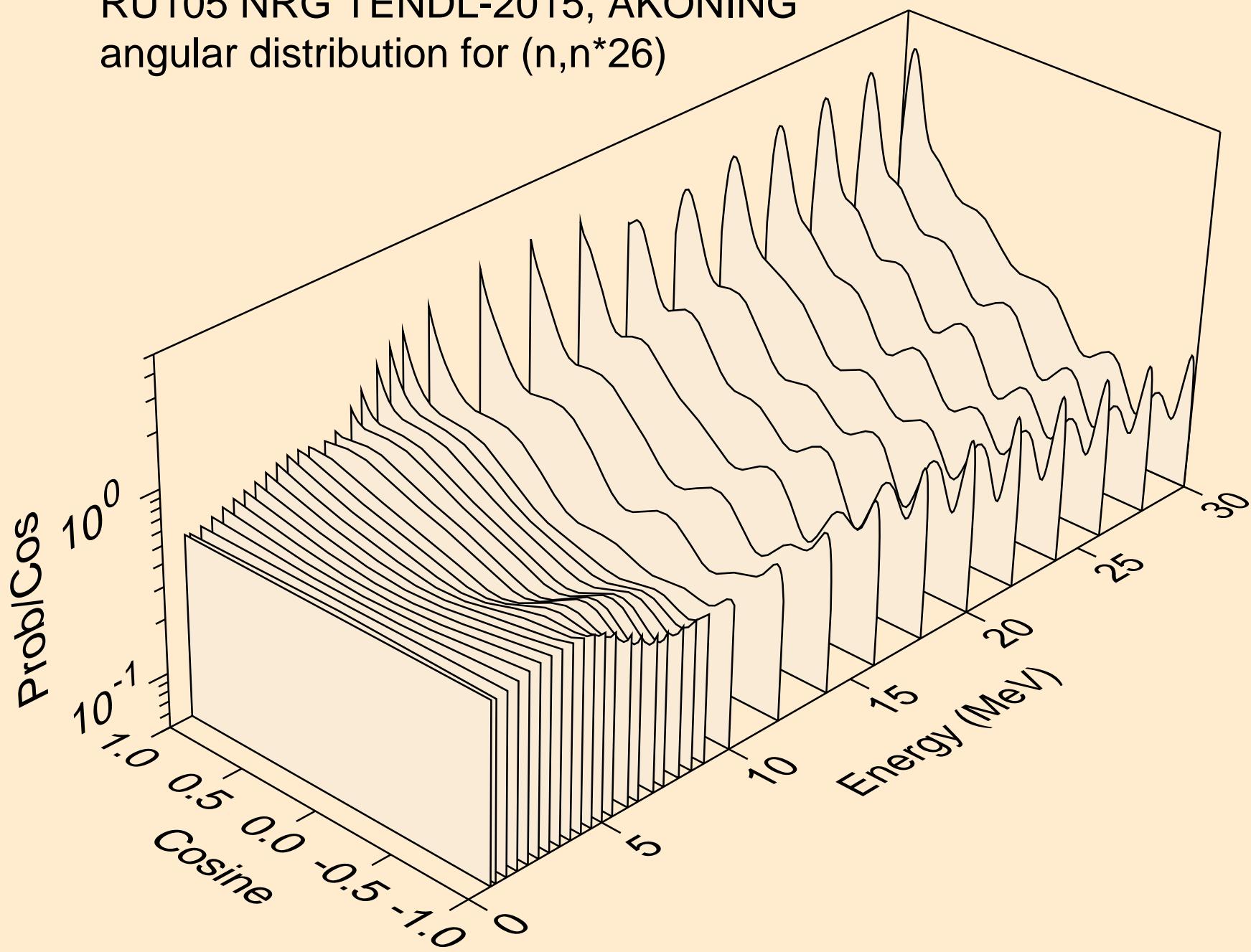
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angular distribution for  $(n,n^*)^{24}$



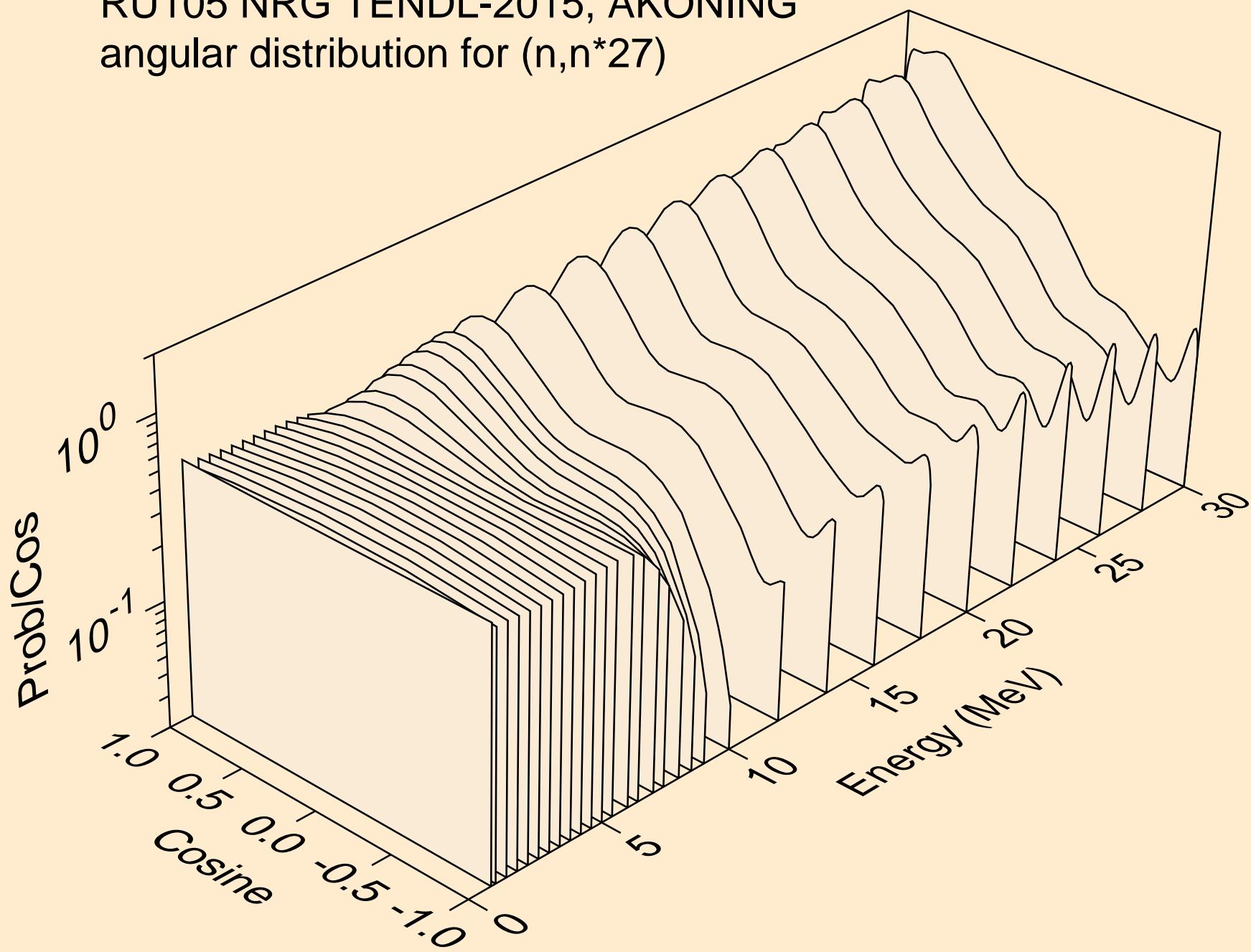
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angular distribution for  $(n,n^*)_{25}$



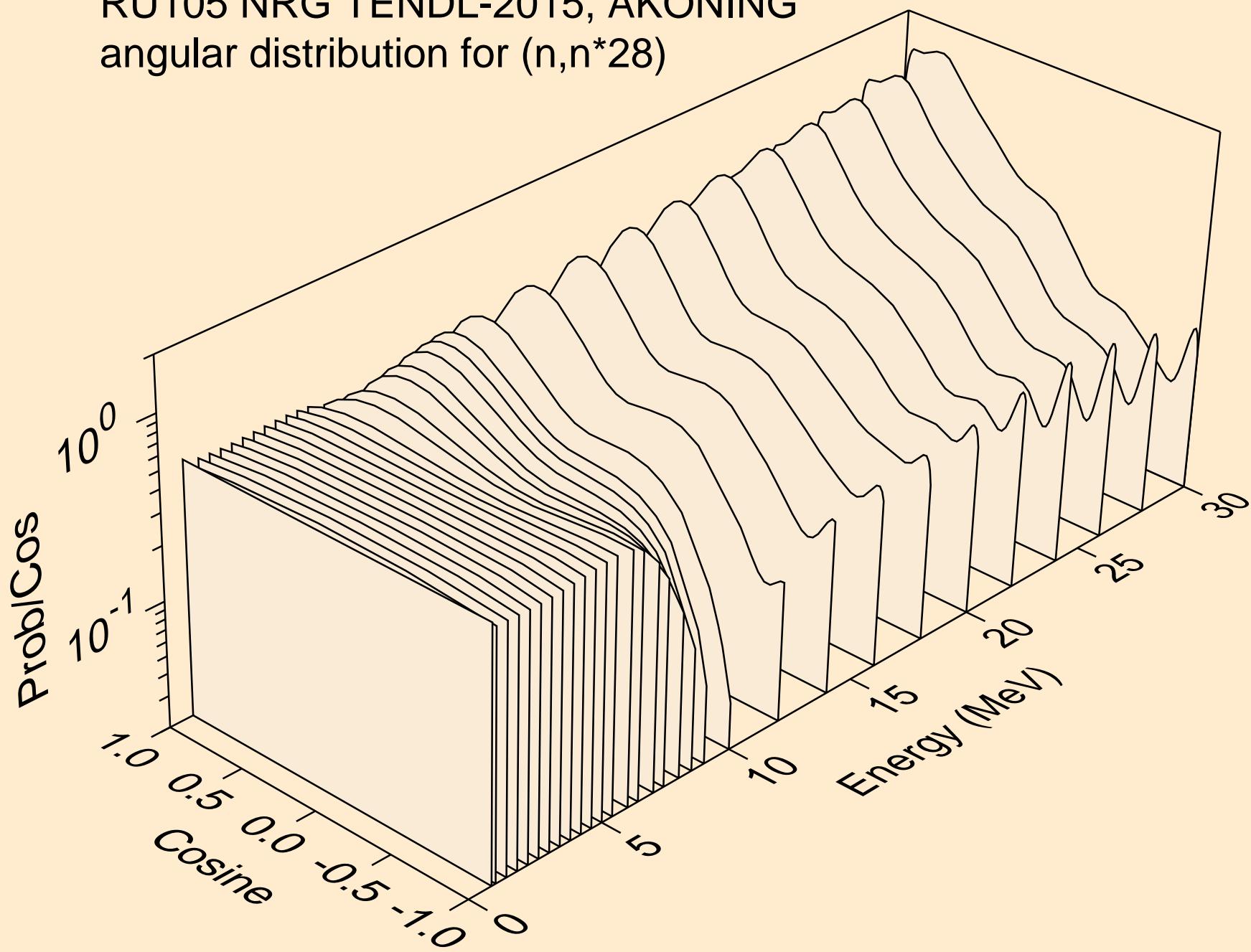
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angular distribution for  $(n,n^*)_{26}$



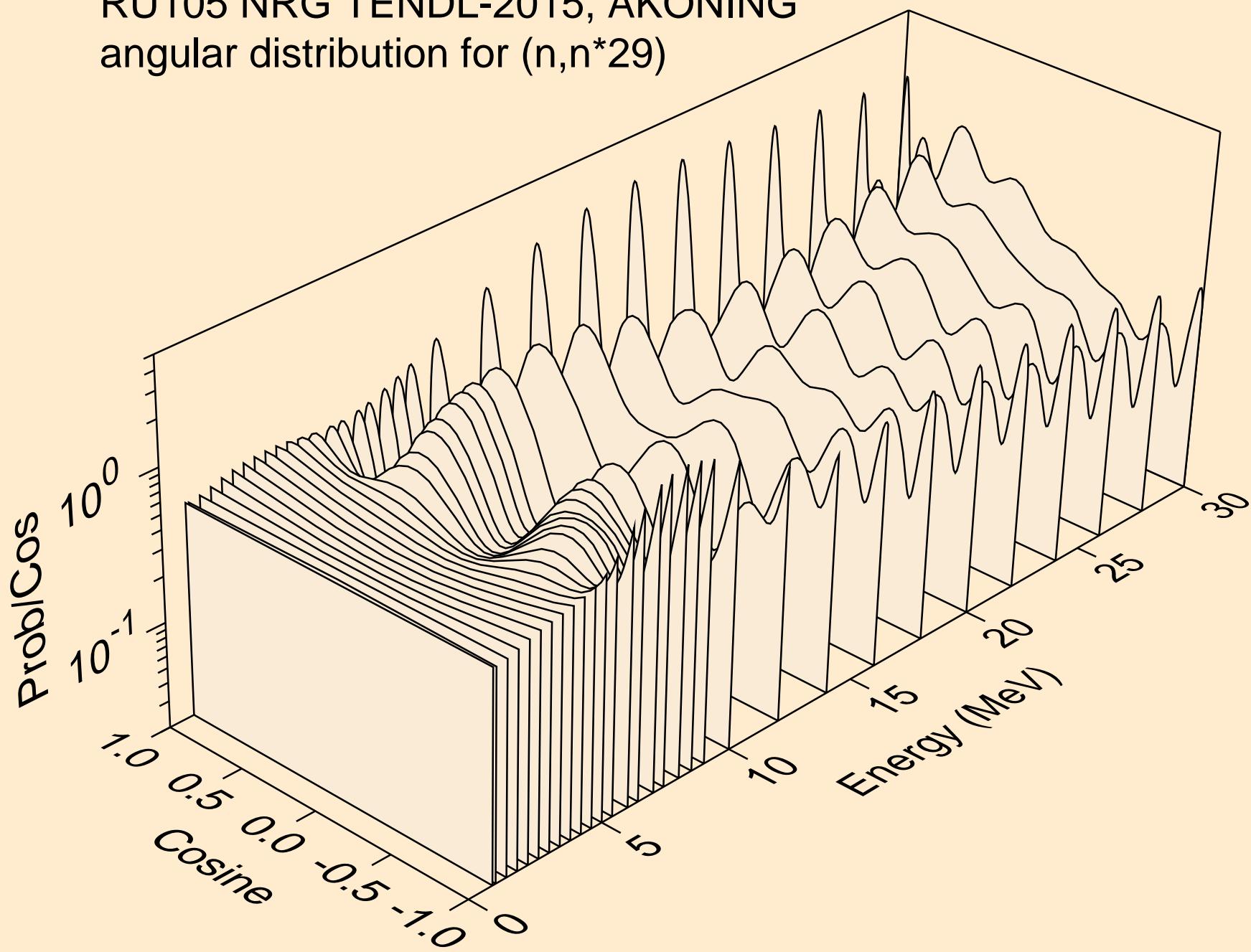
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angular distribution for  $(n,n^*)_{27}$



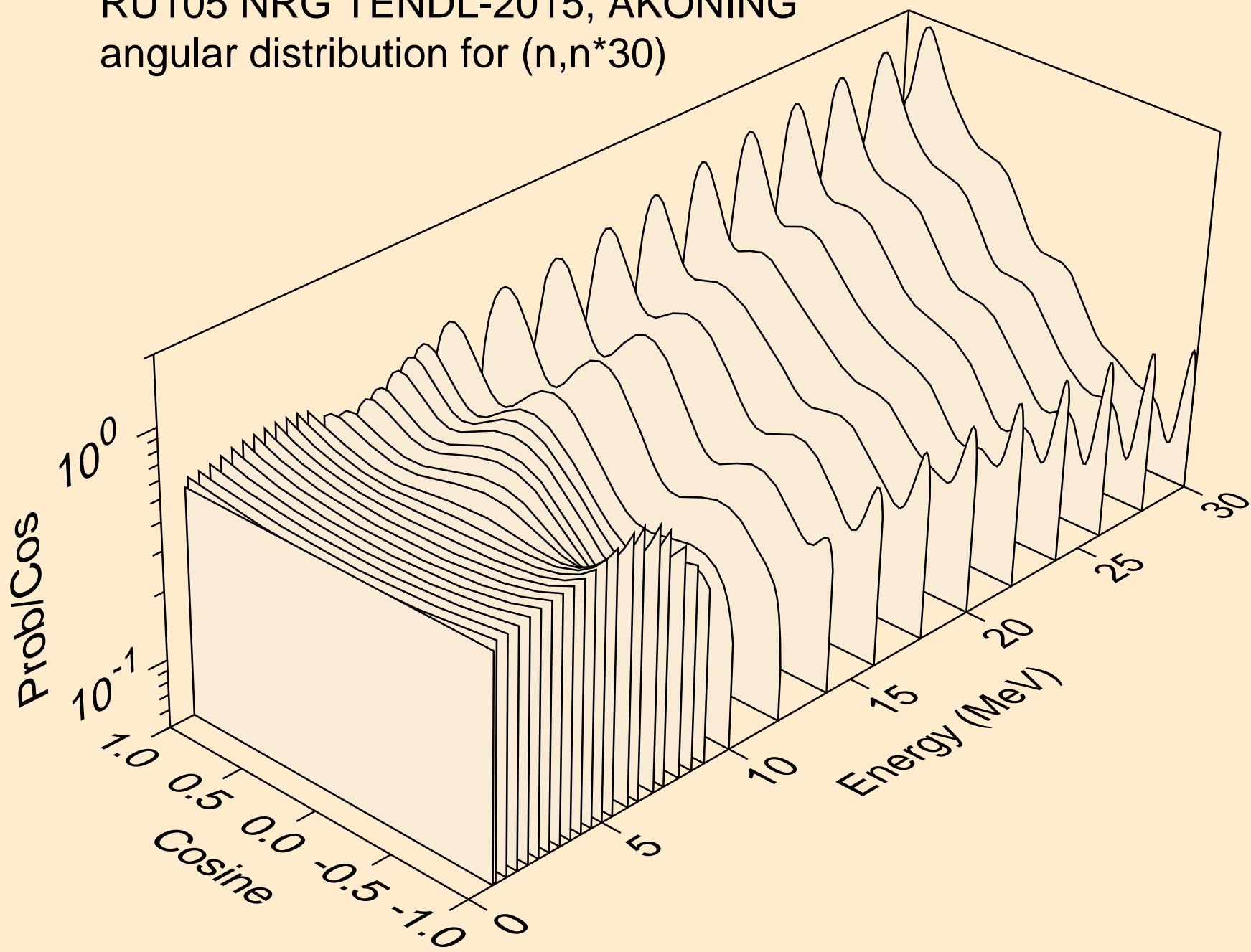
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angular distribution for  $(n,n^*)^{28}$



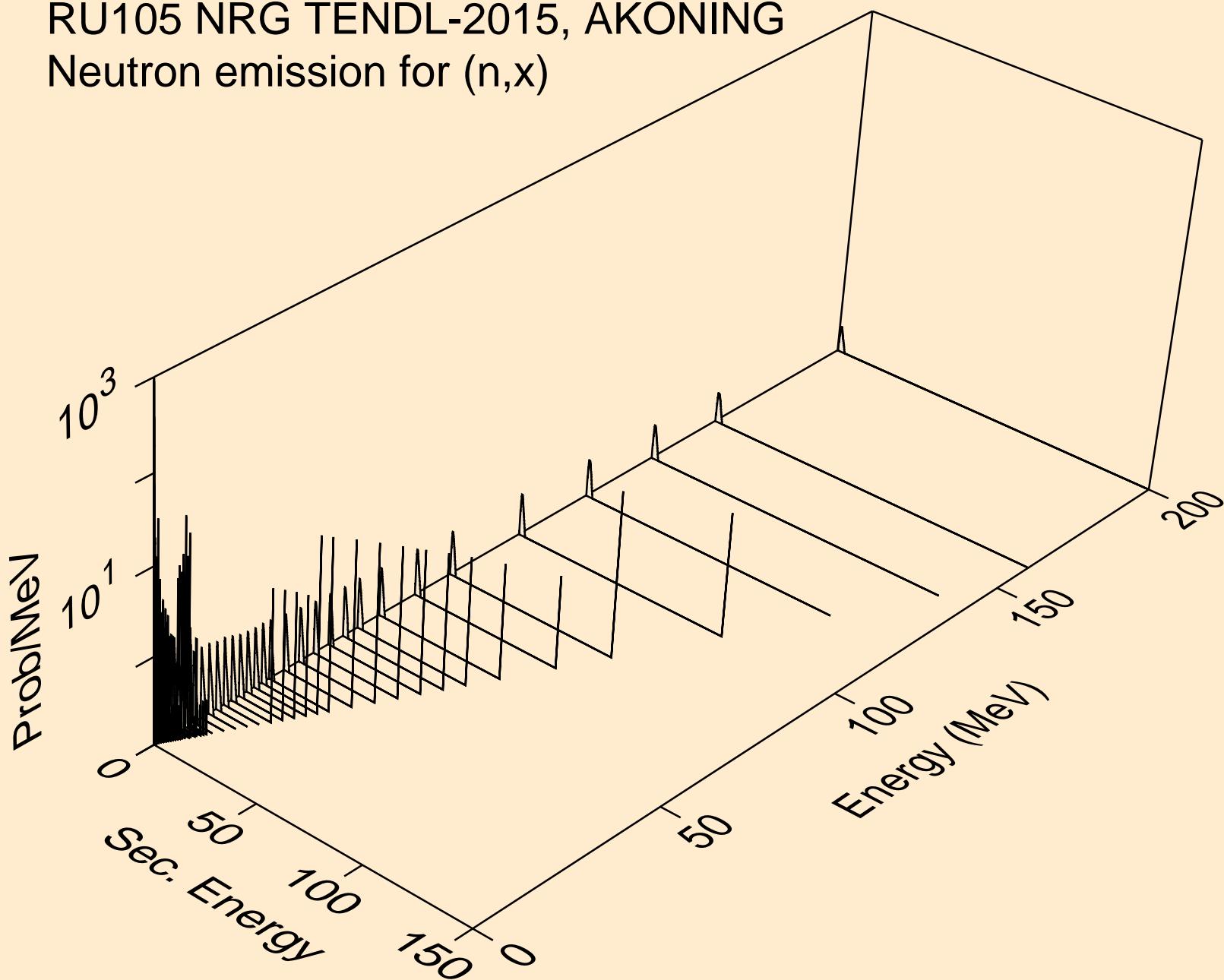
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angular distribution for  $(n,n^*)_{29}$



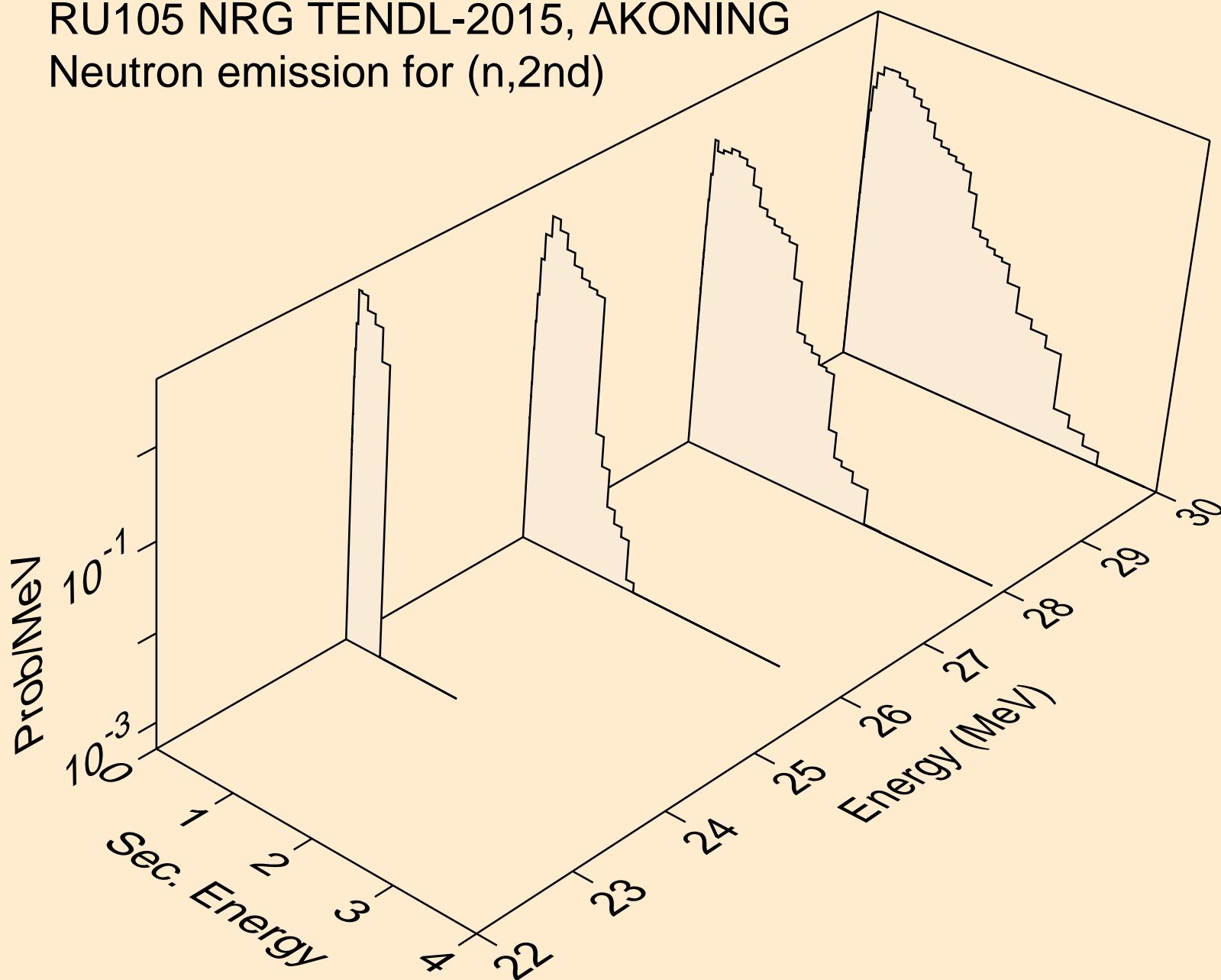
RU105 NRG TENDL-2015, AKONING  
angular distribution for  $(n,n^*)30$



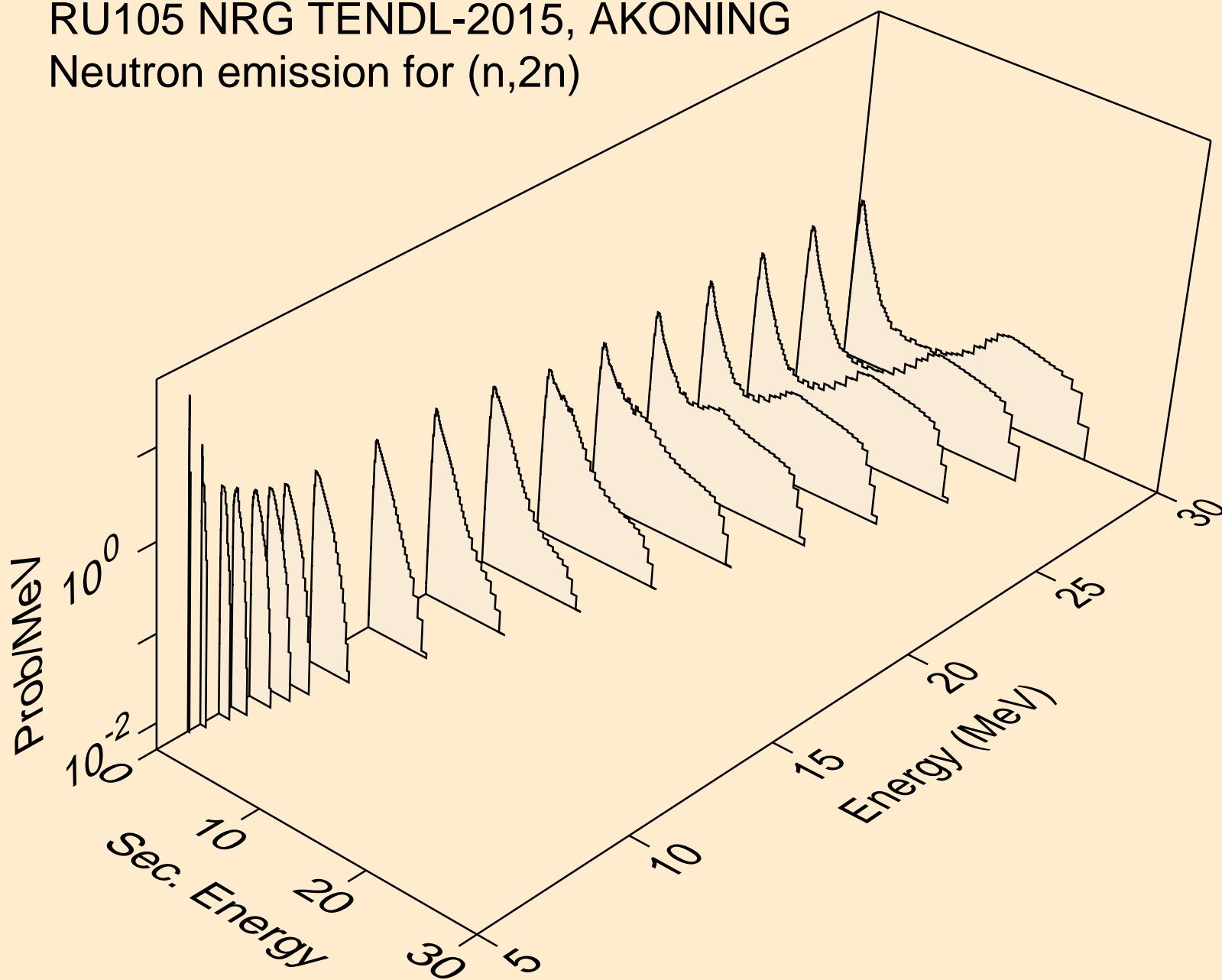
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



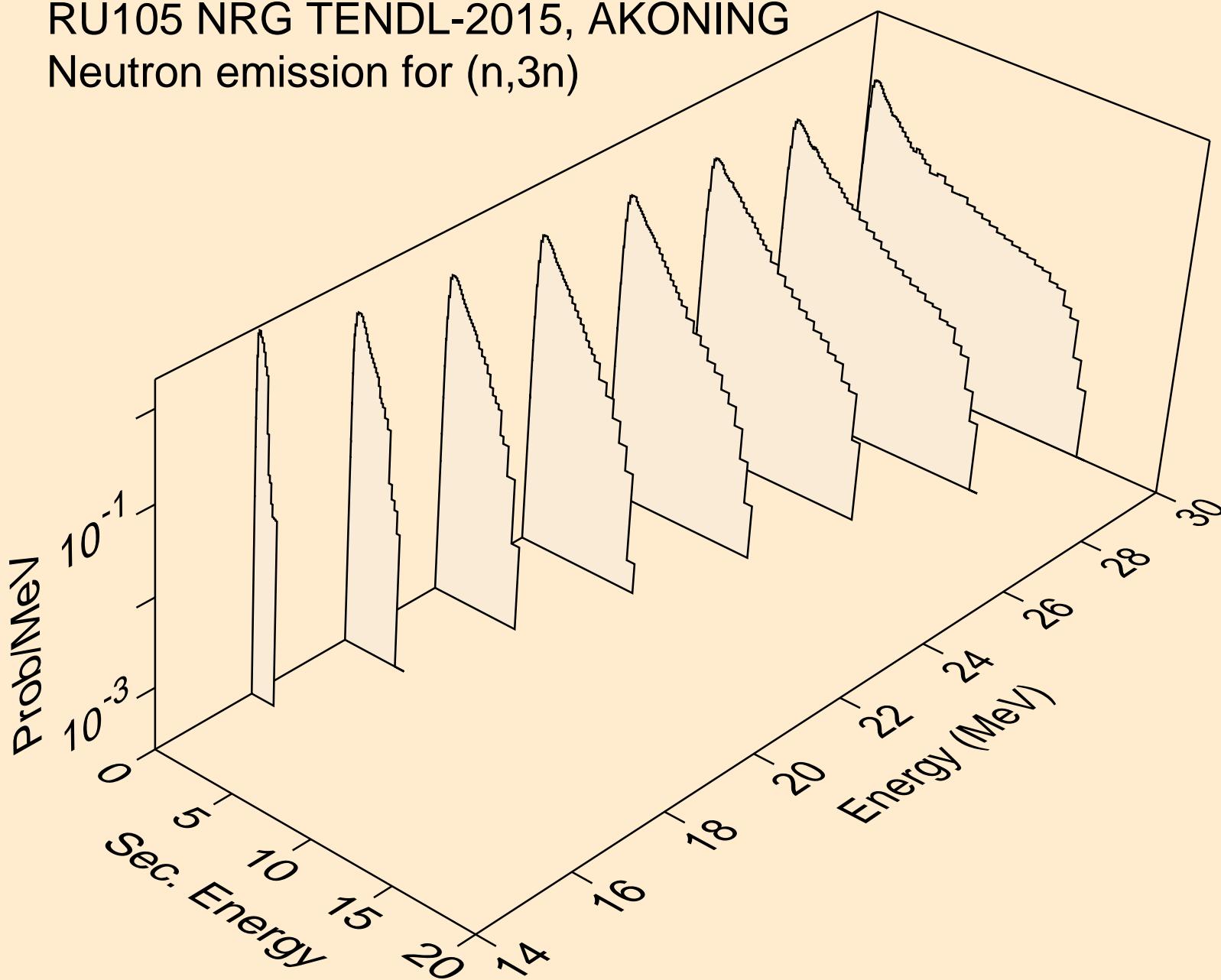
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



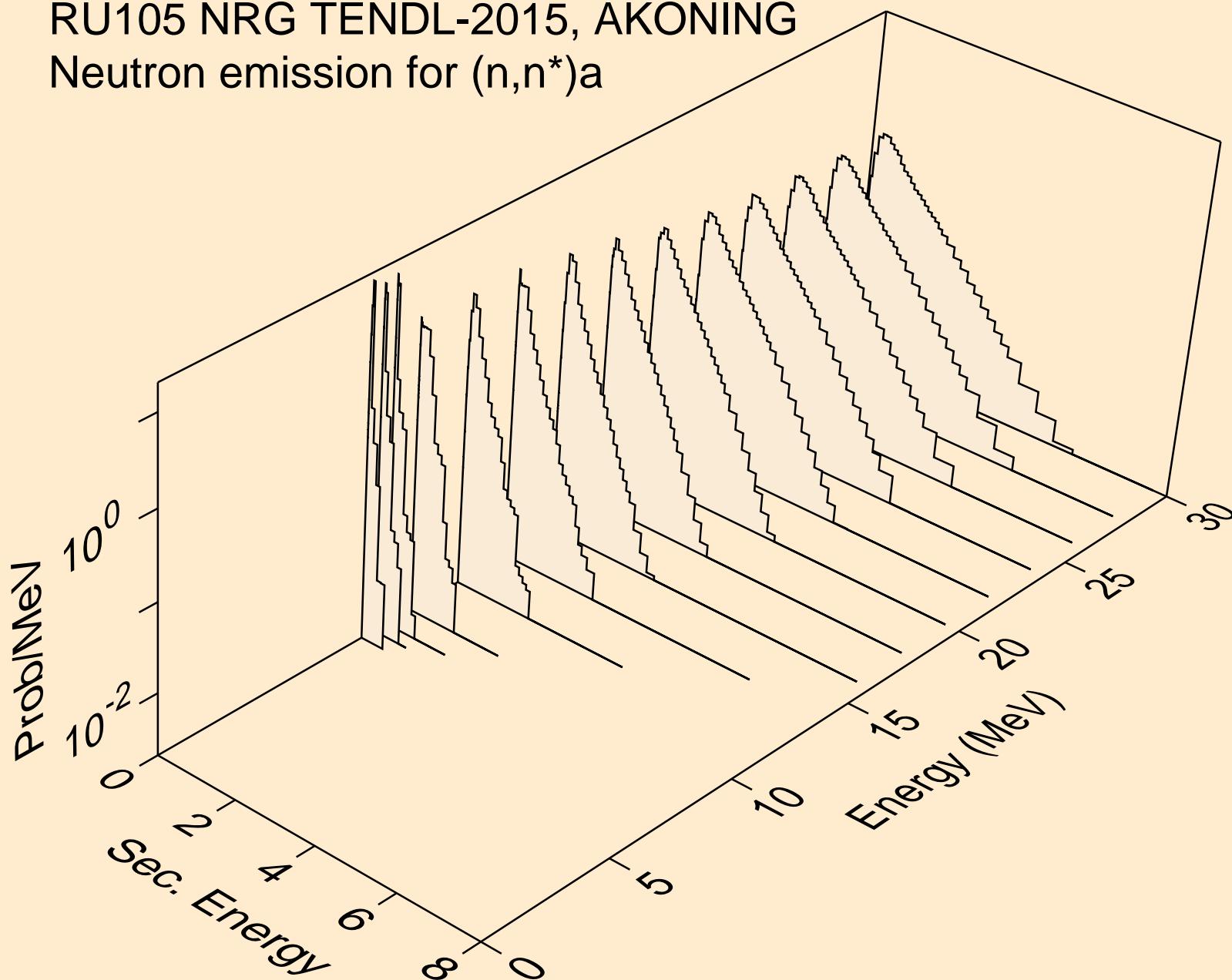
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



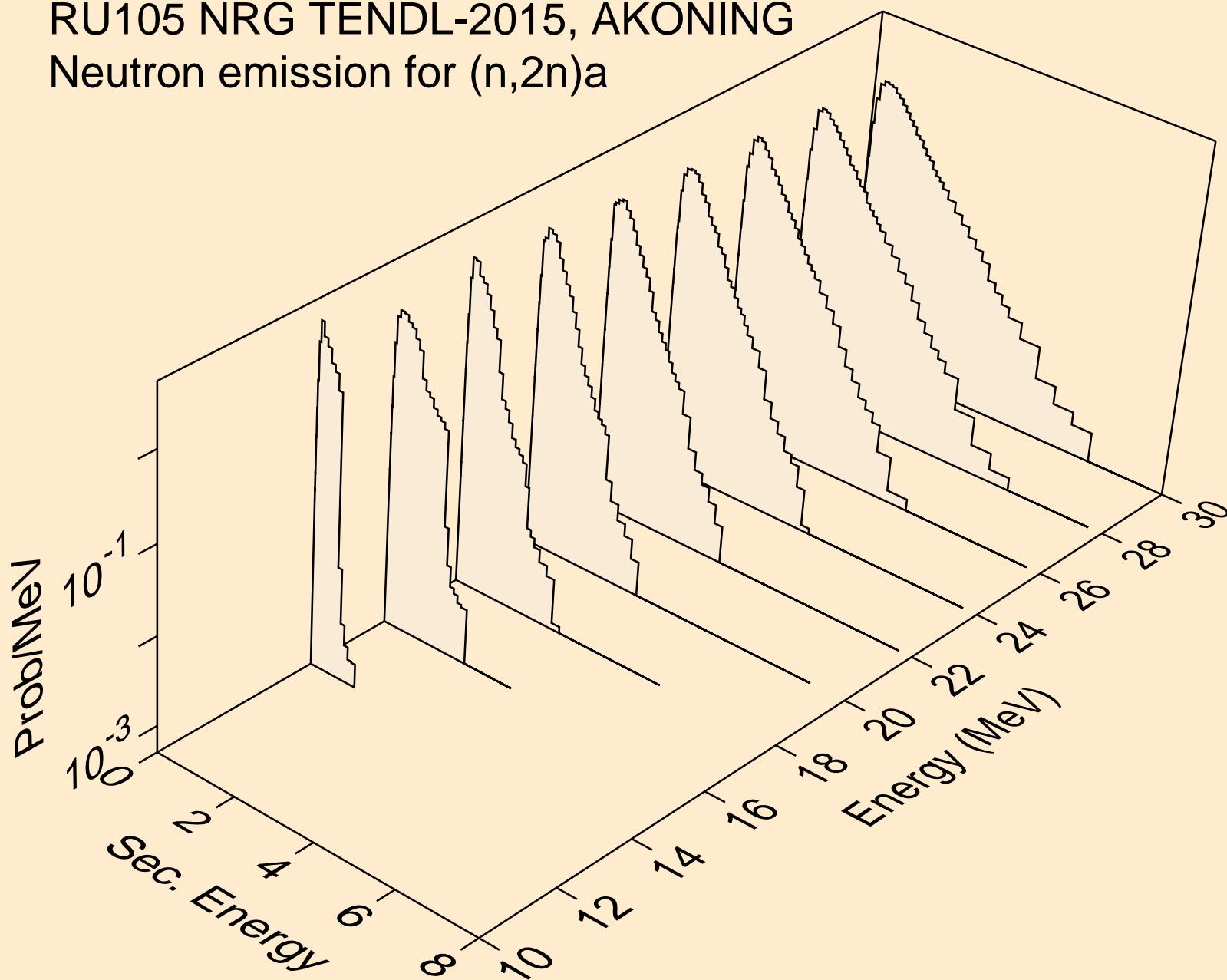
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



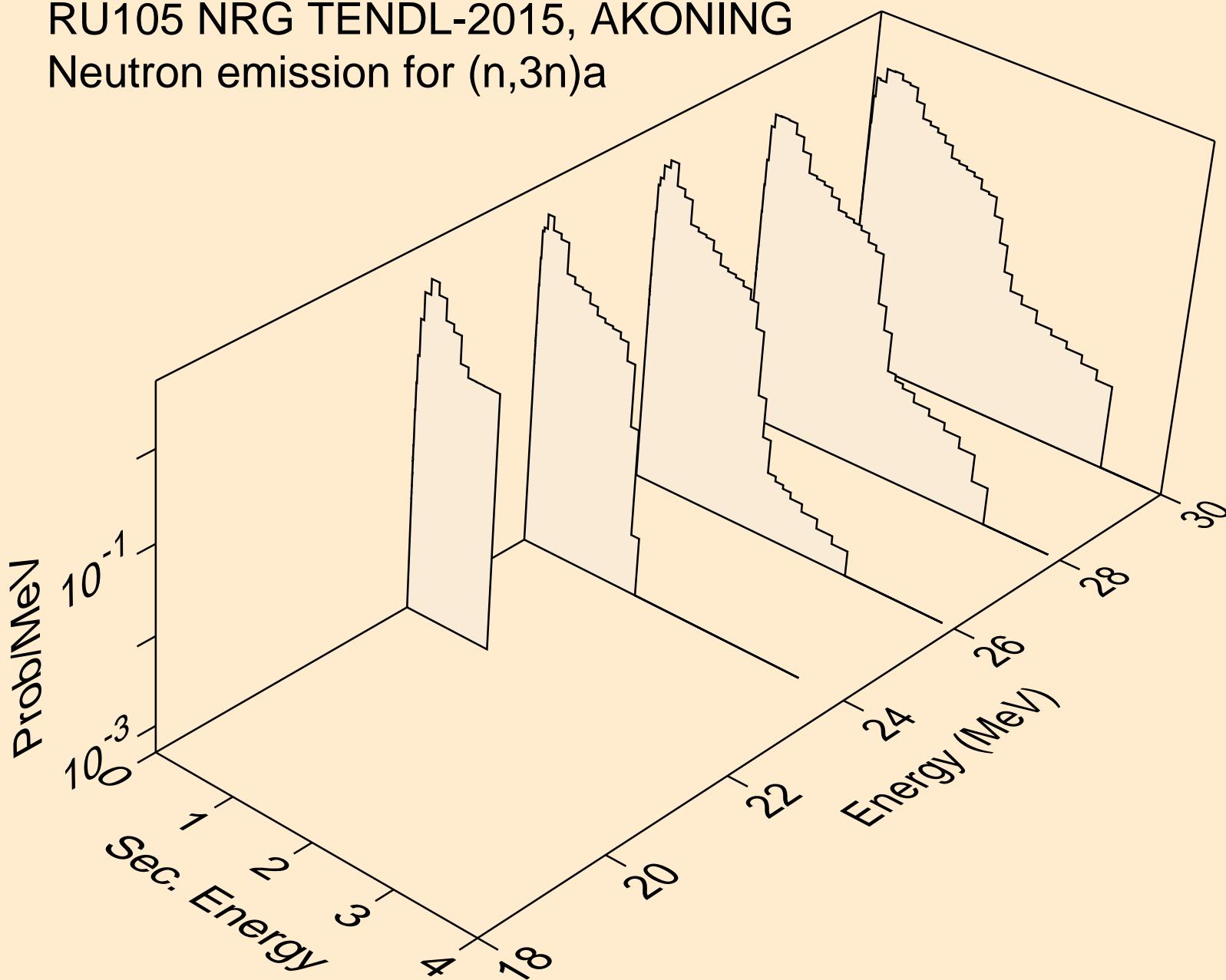
RU105 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)a$



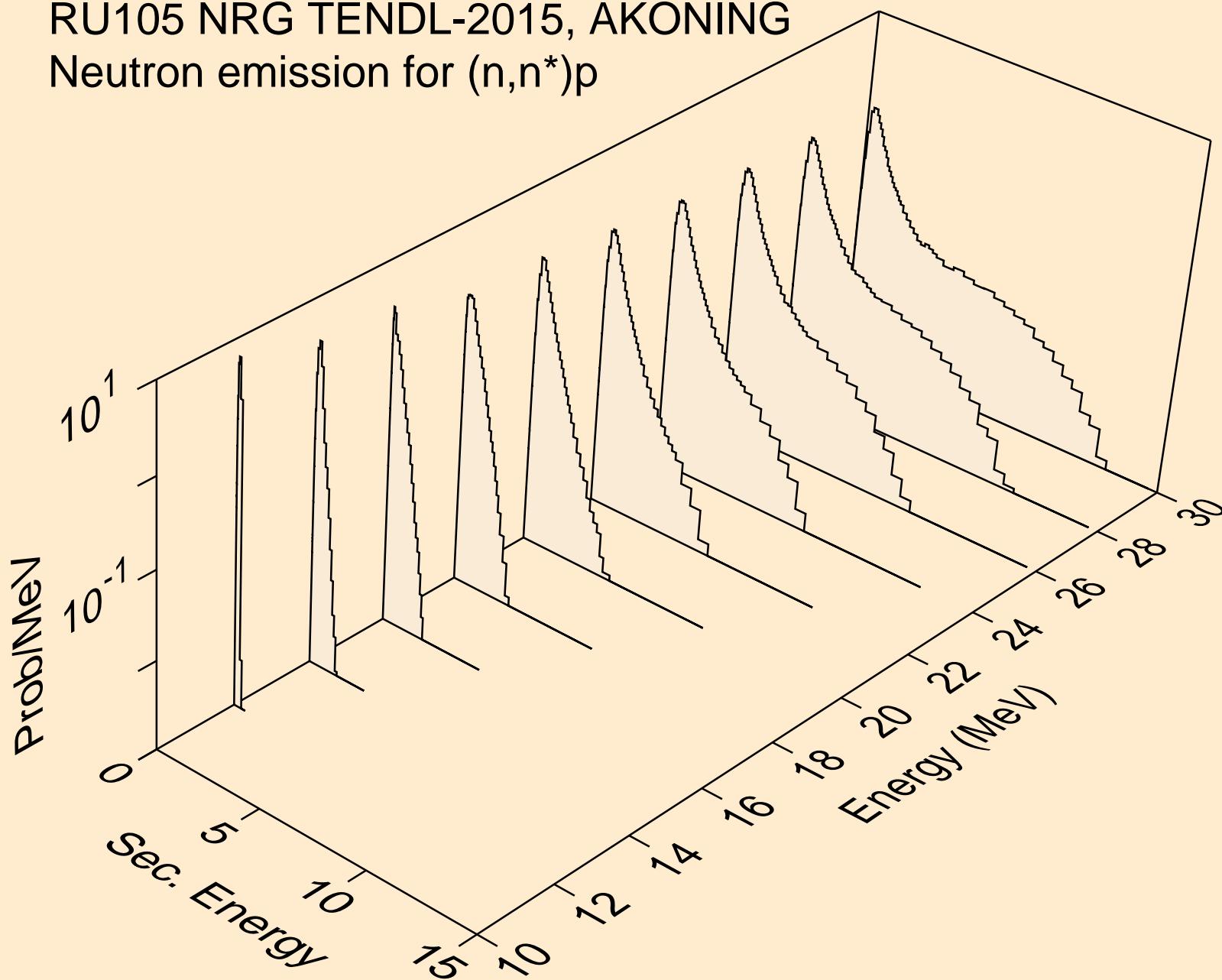
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



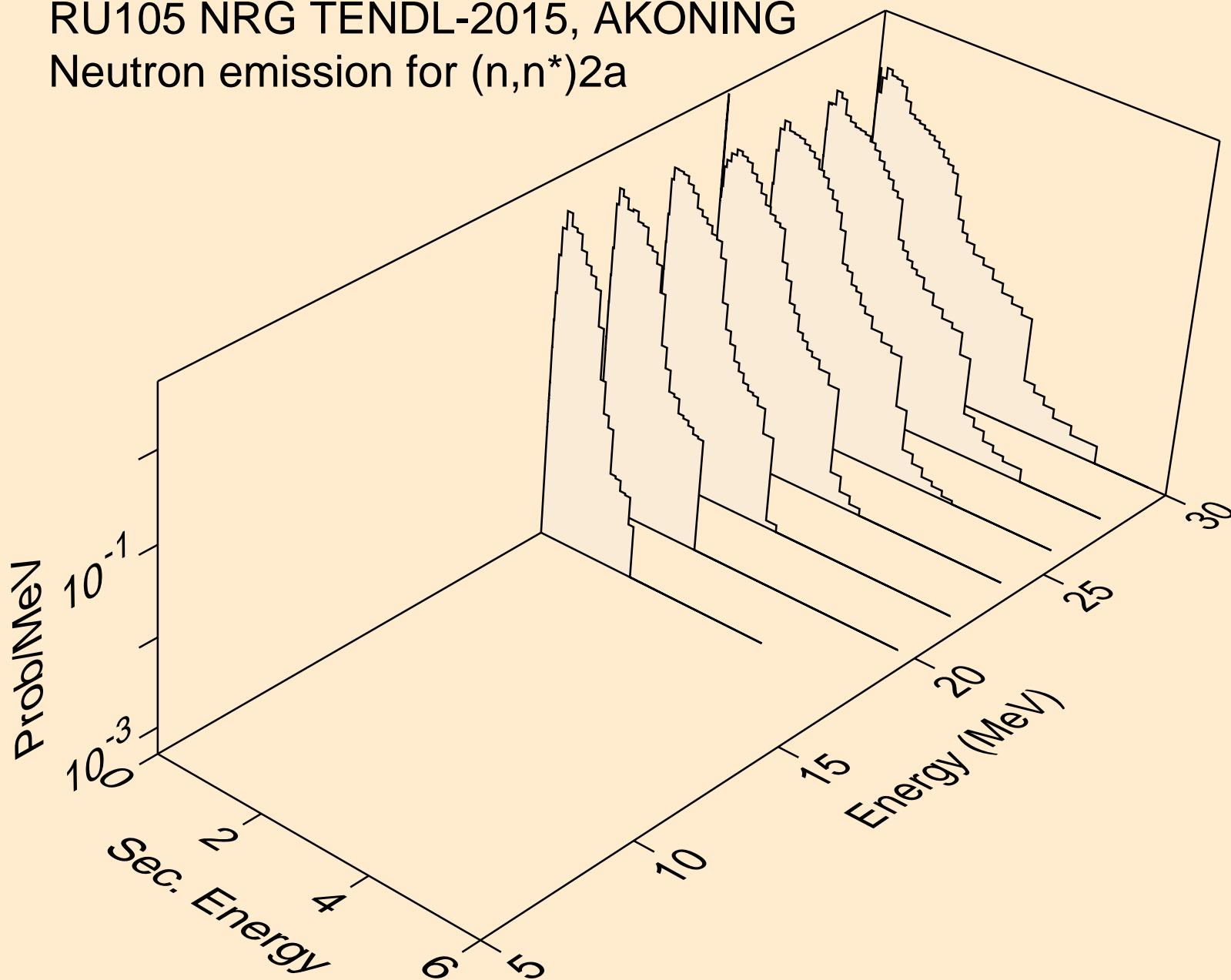
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



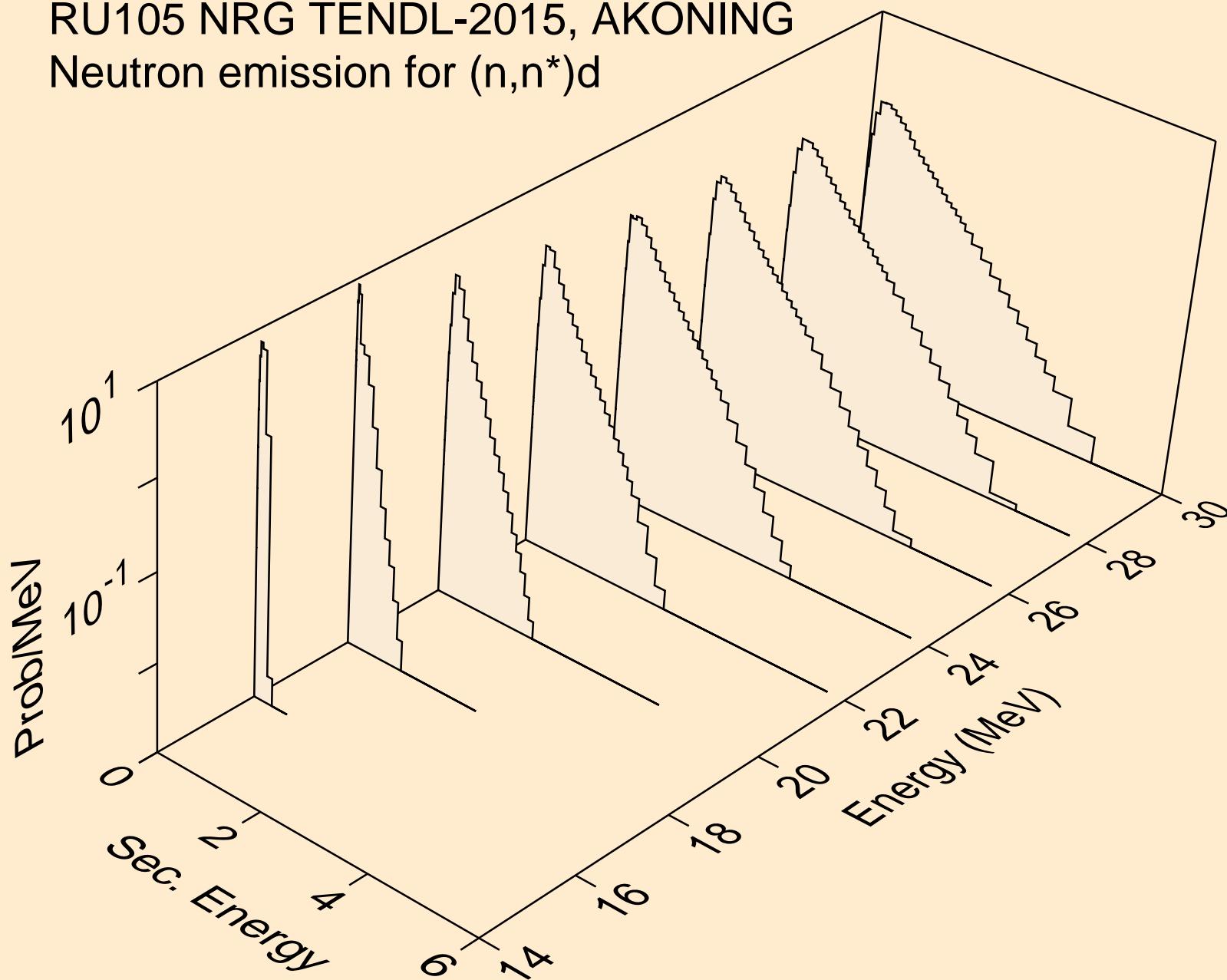
RU105 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



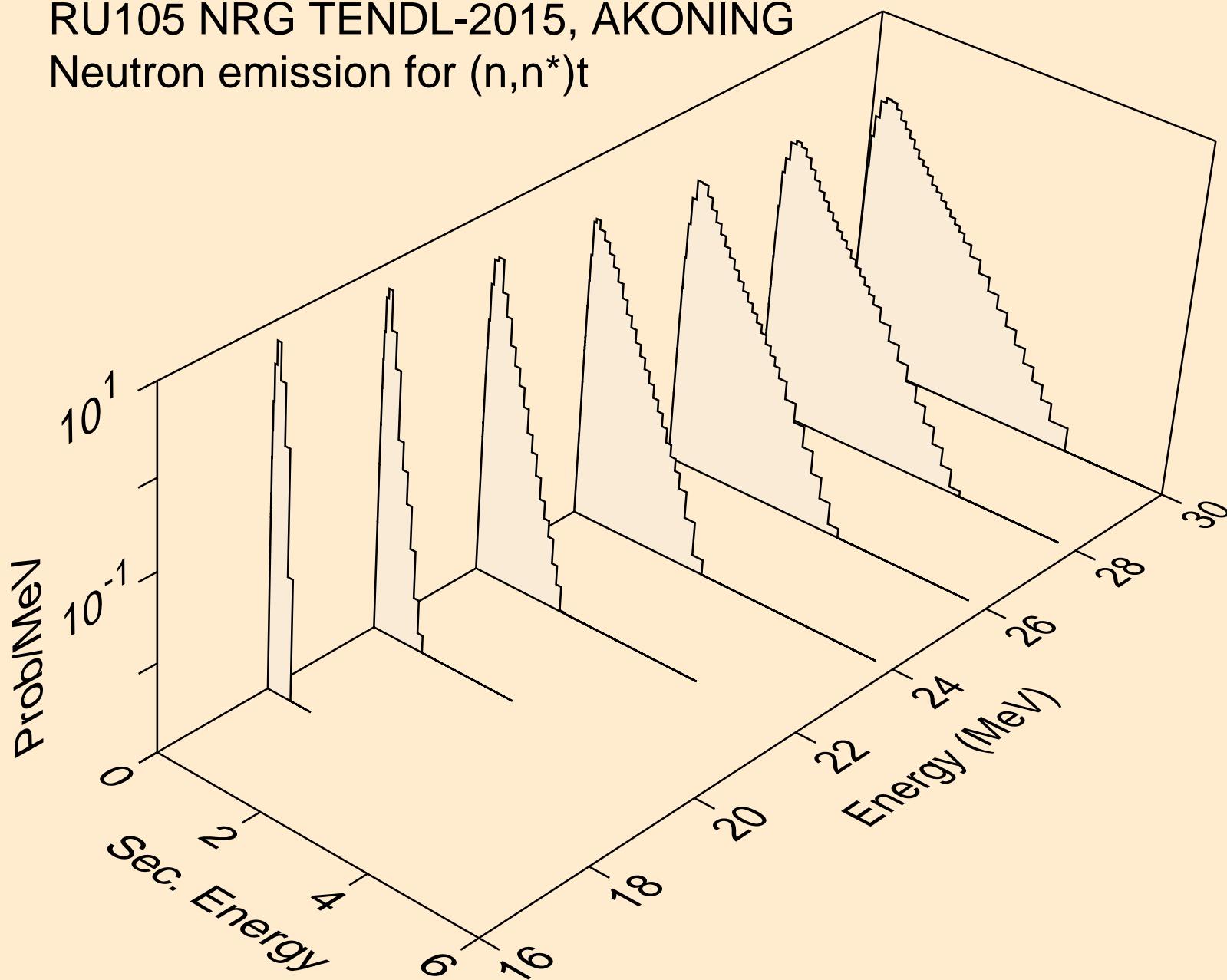
RU105 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)2a$



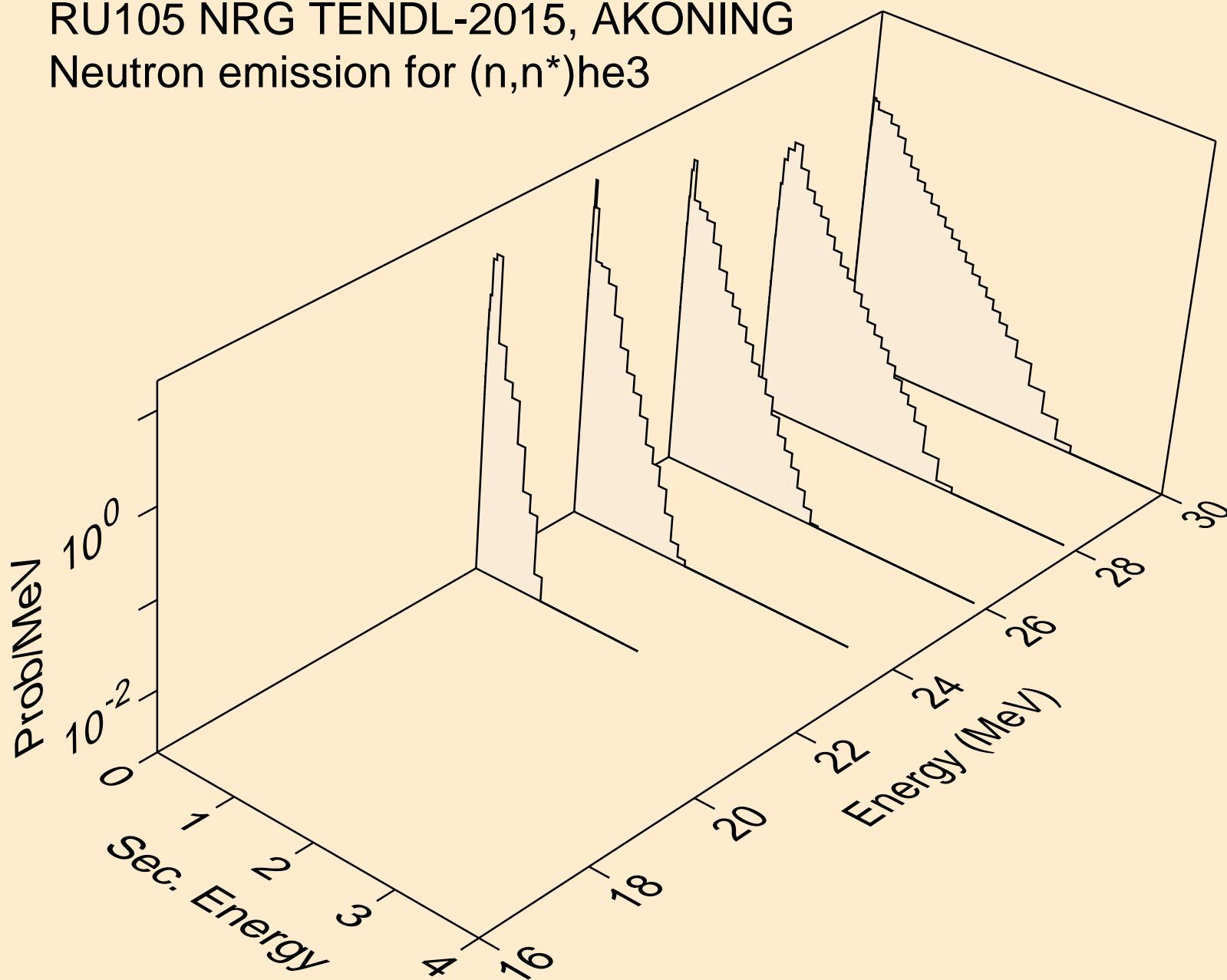
RU105 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)d$



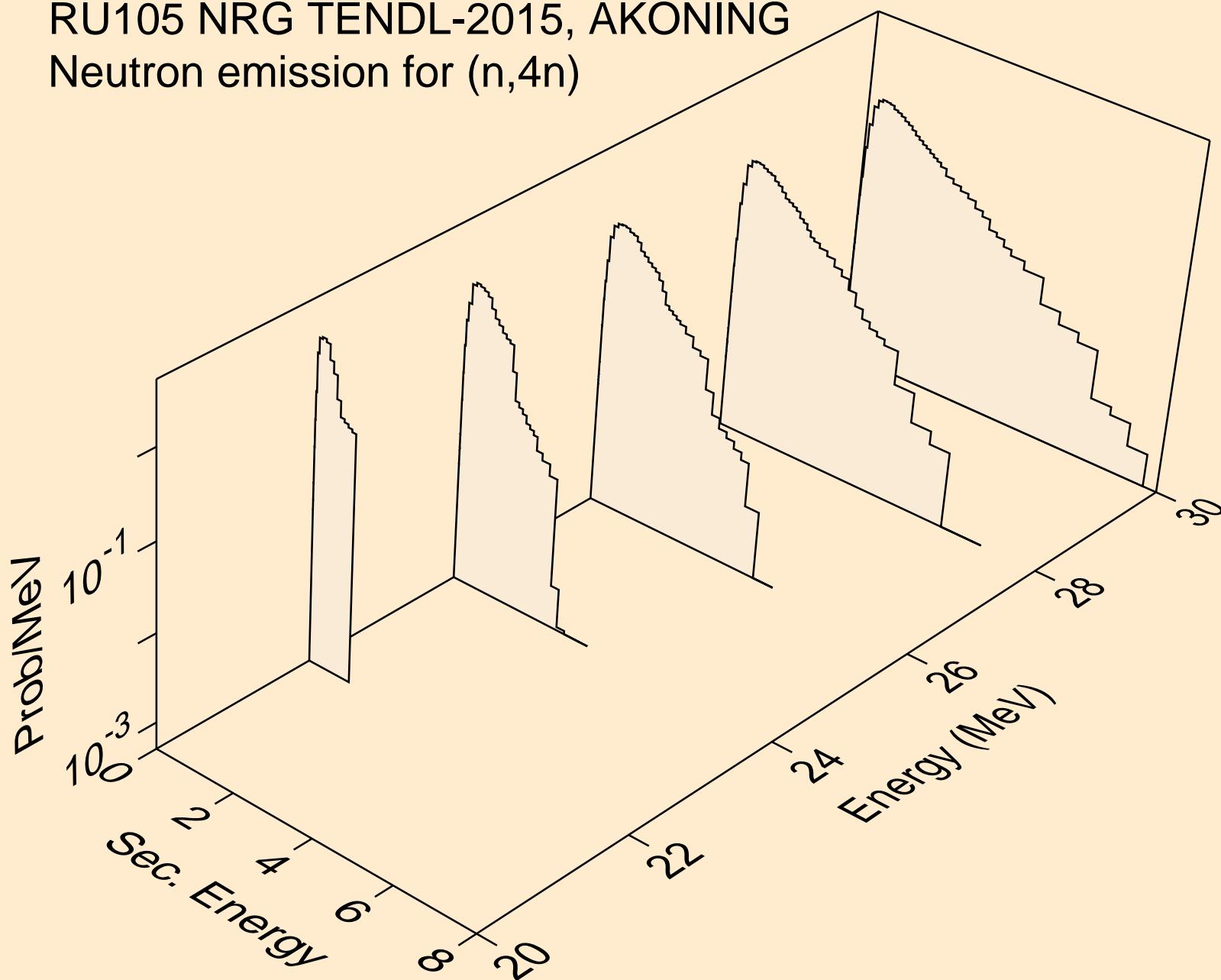
RU105 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)t$



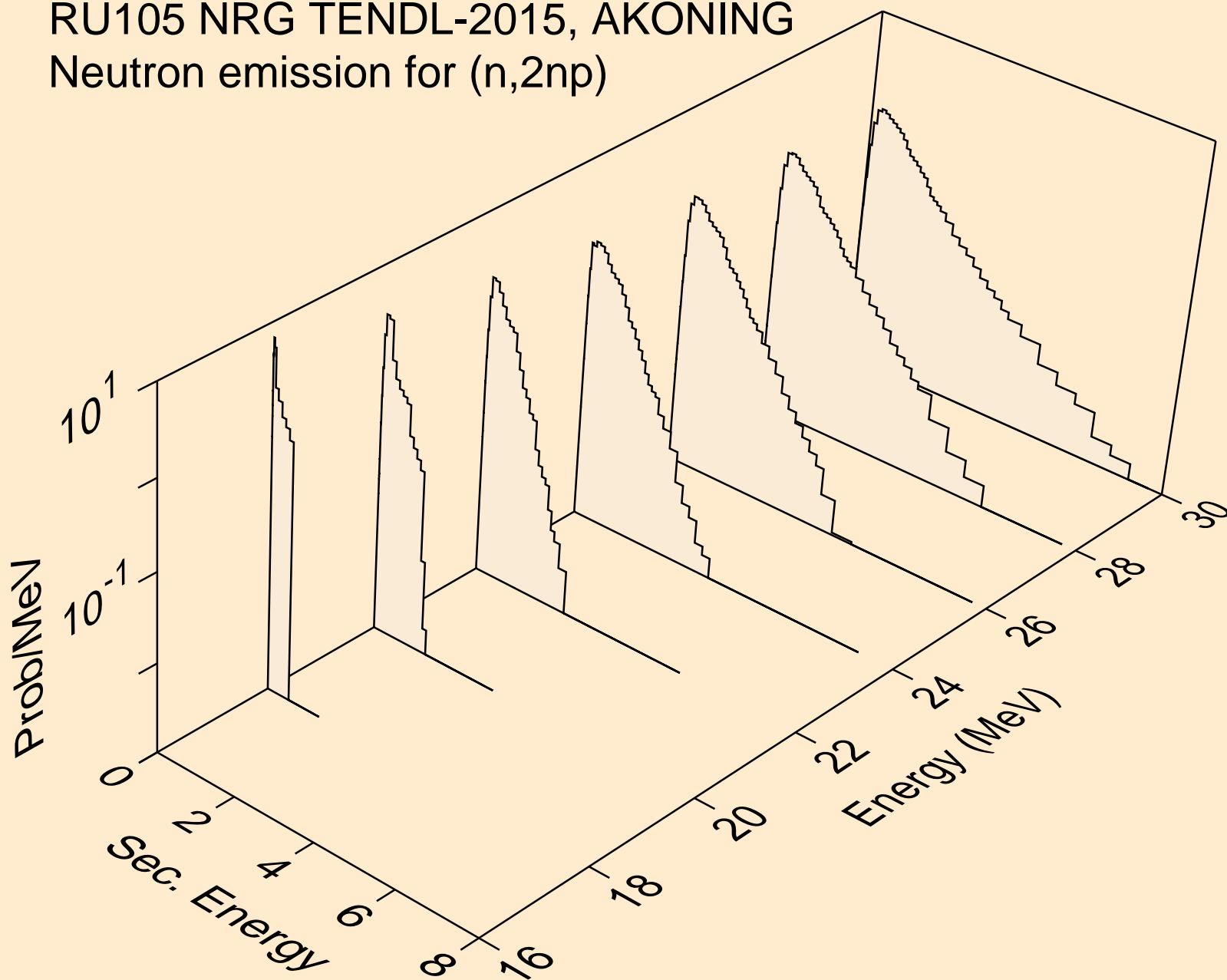
RU105 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)\text{he3}$



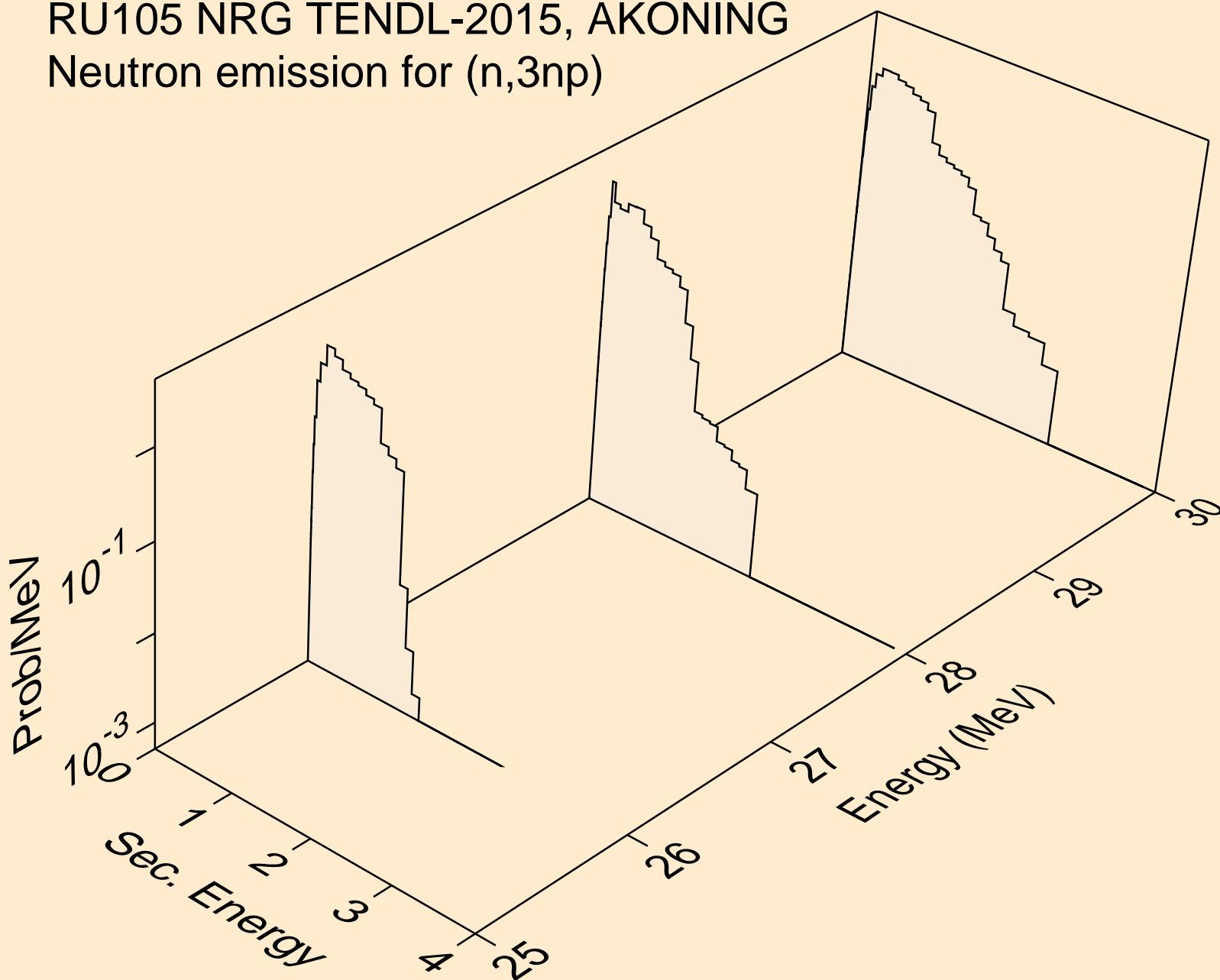
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



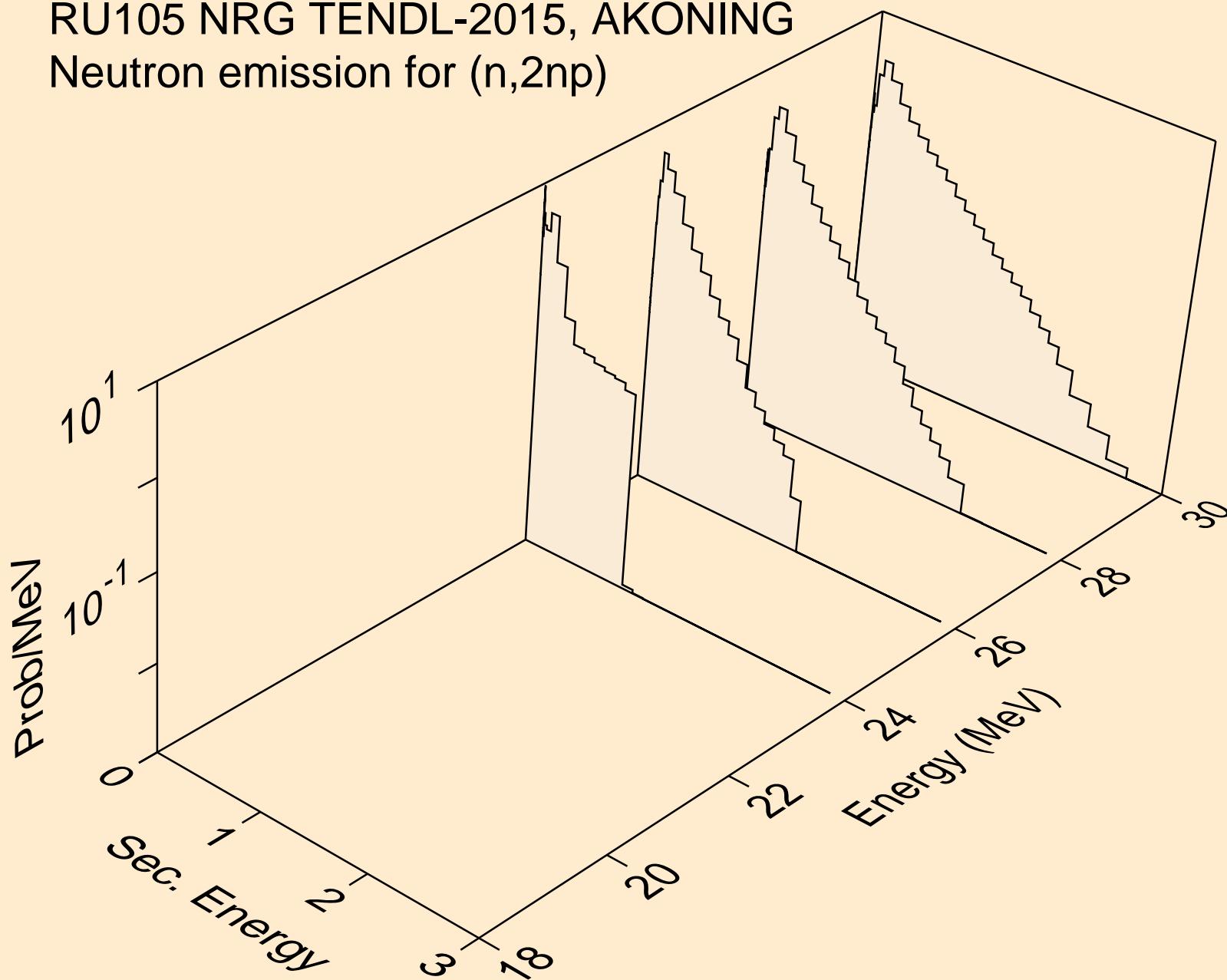
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



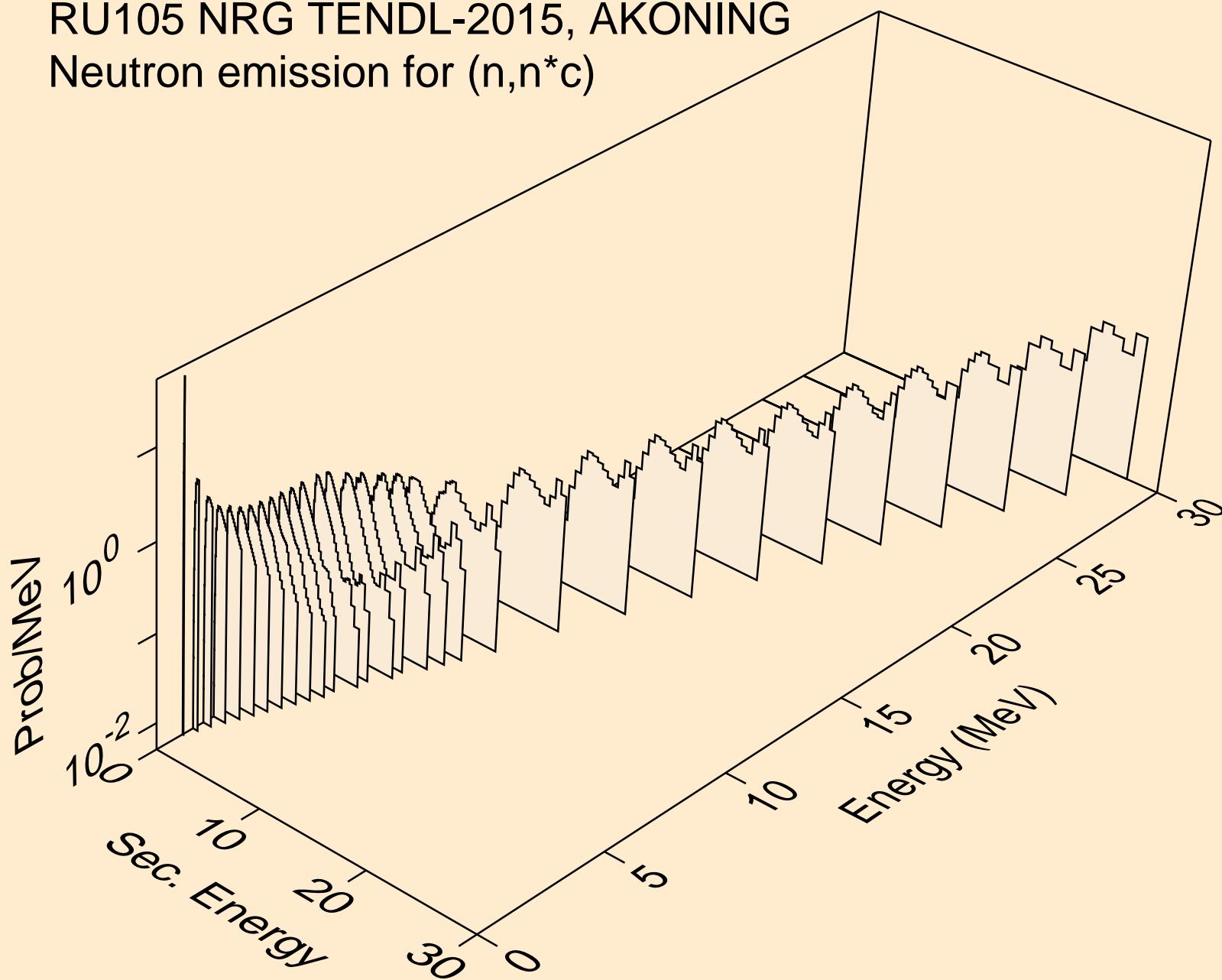
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Neutron emission for (n,3np)



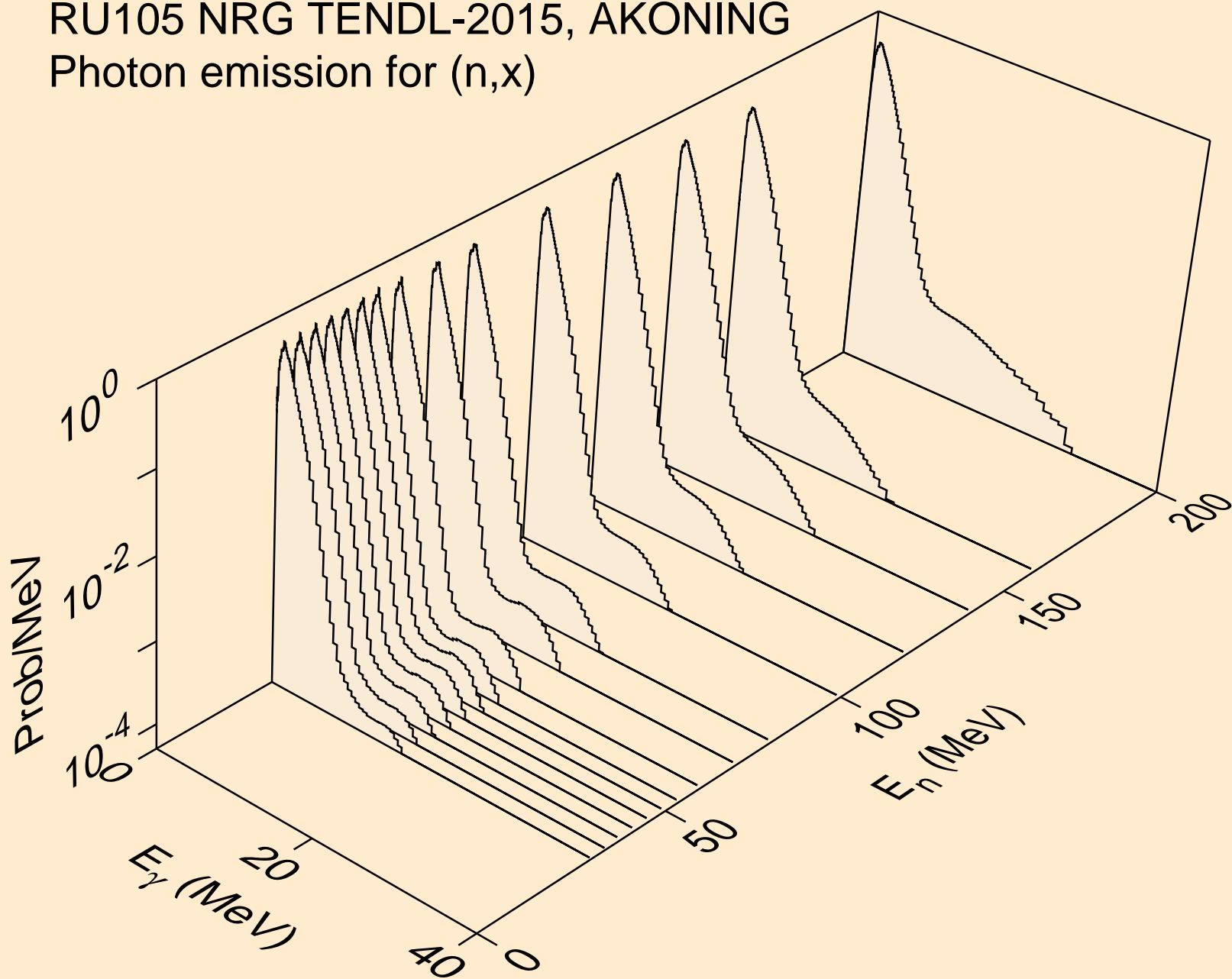
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Neutron emission for (n,2np)



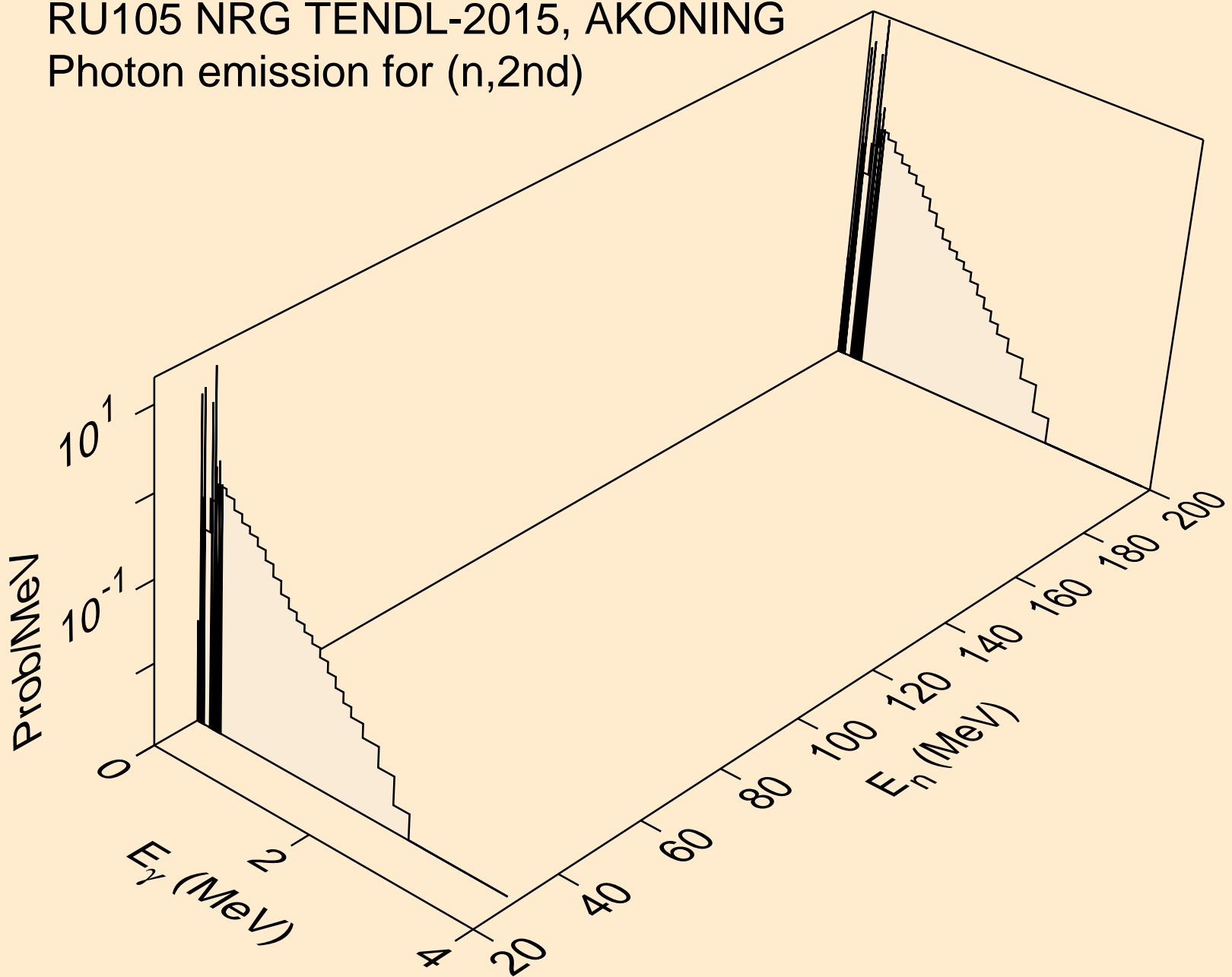
RU105 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



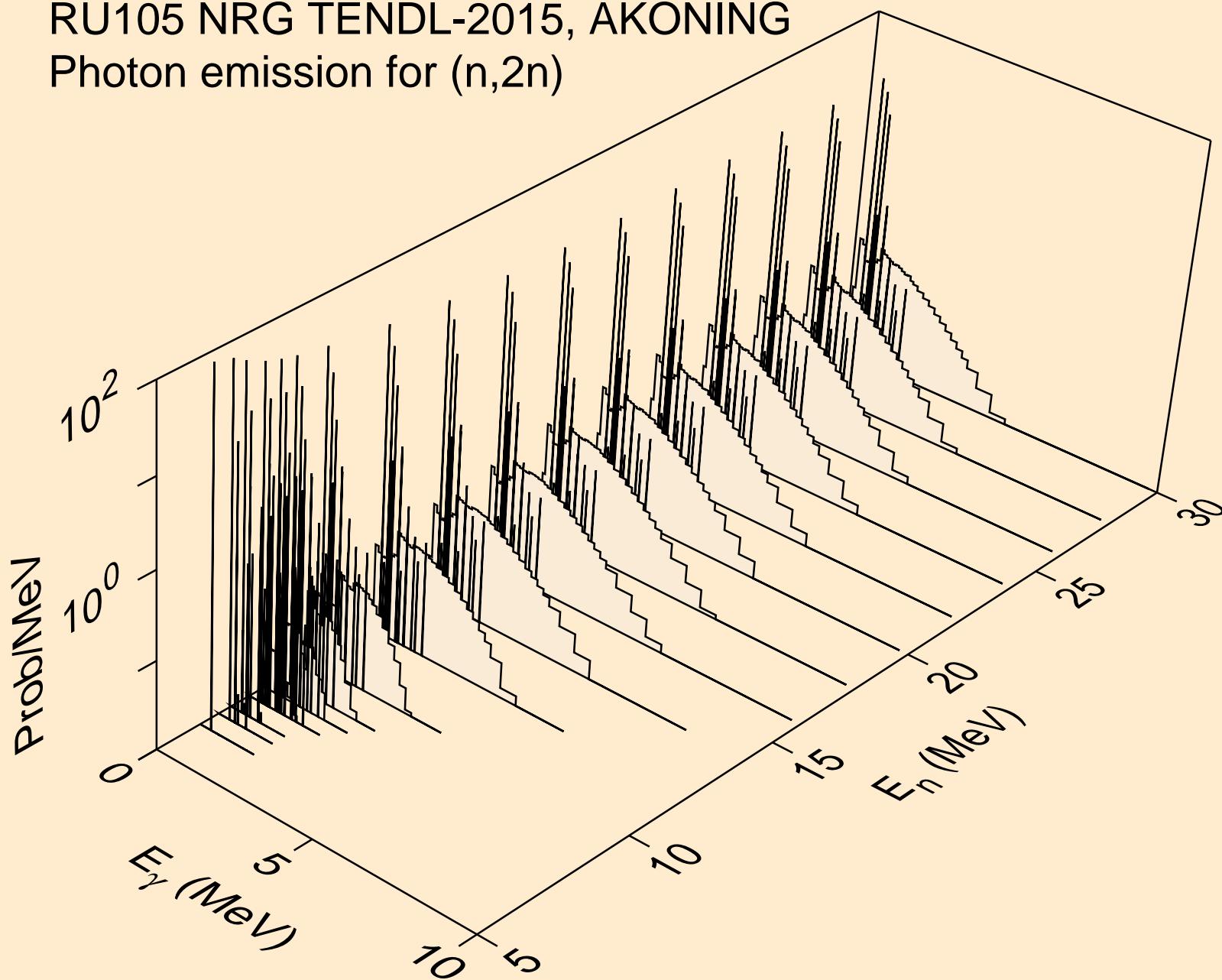
RU105 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



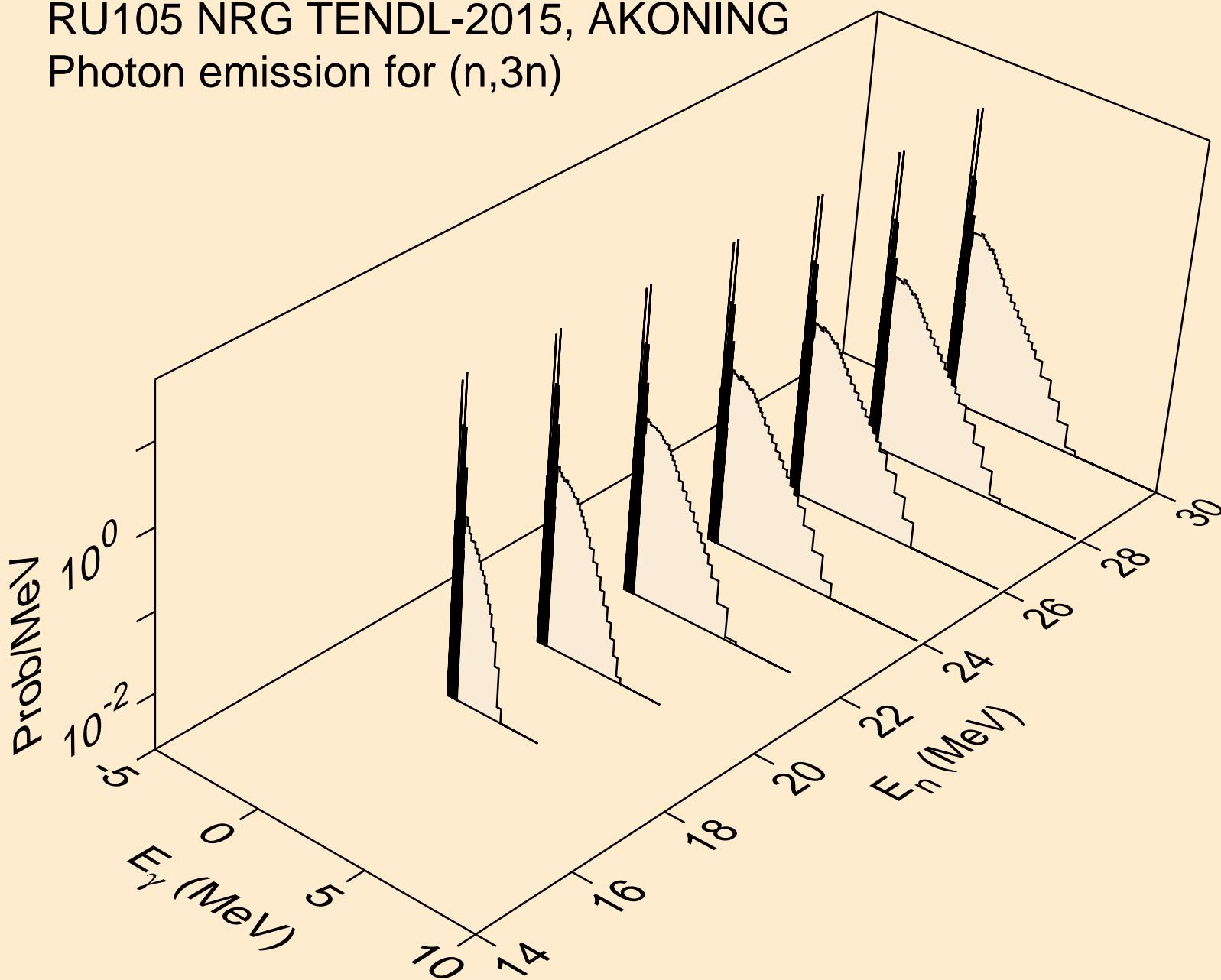
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Photon emission for (n,2nd)



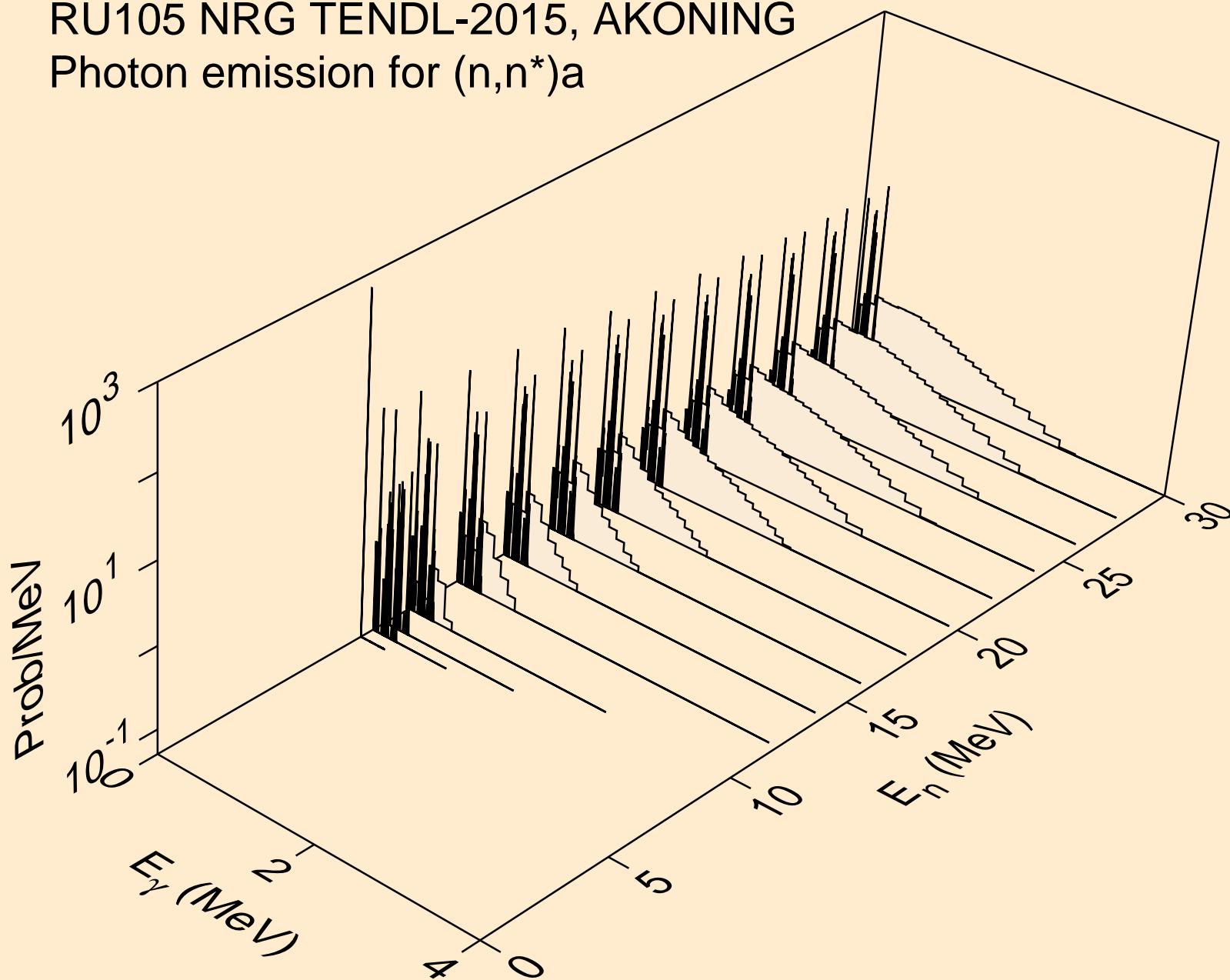
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Photon emission for (n,2n)



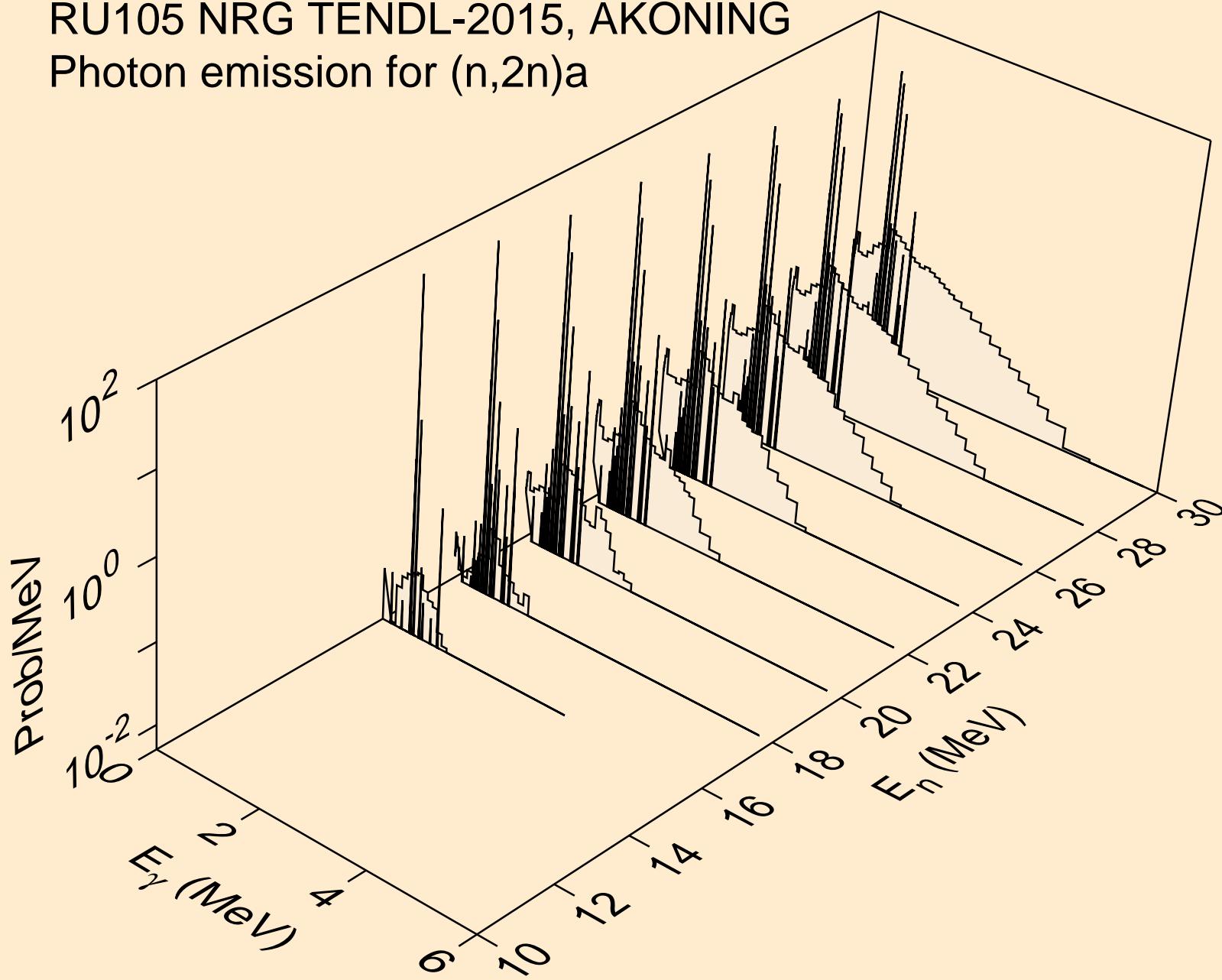
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Photon emission for (n,3n)



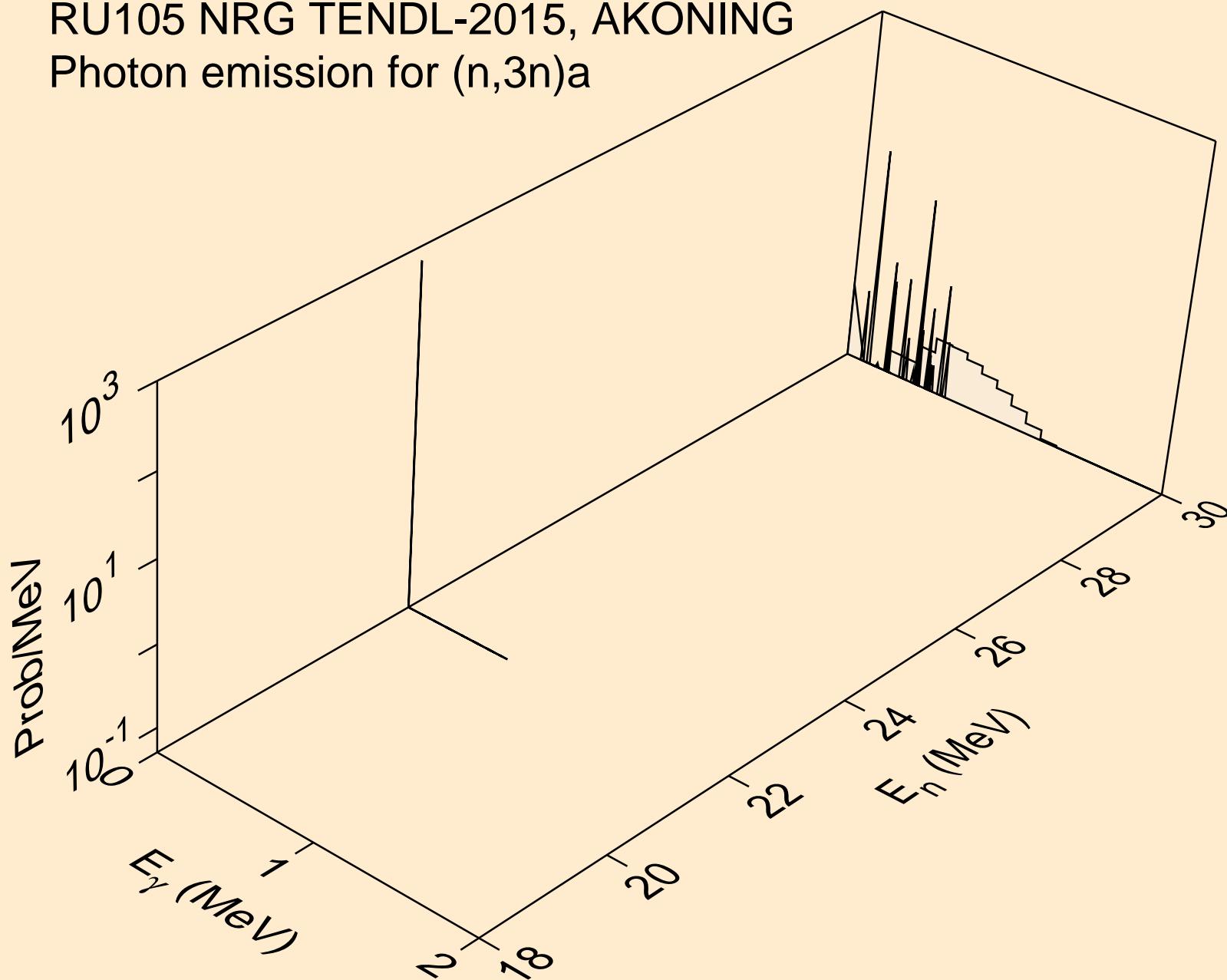
RU105 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)a$



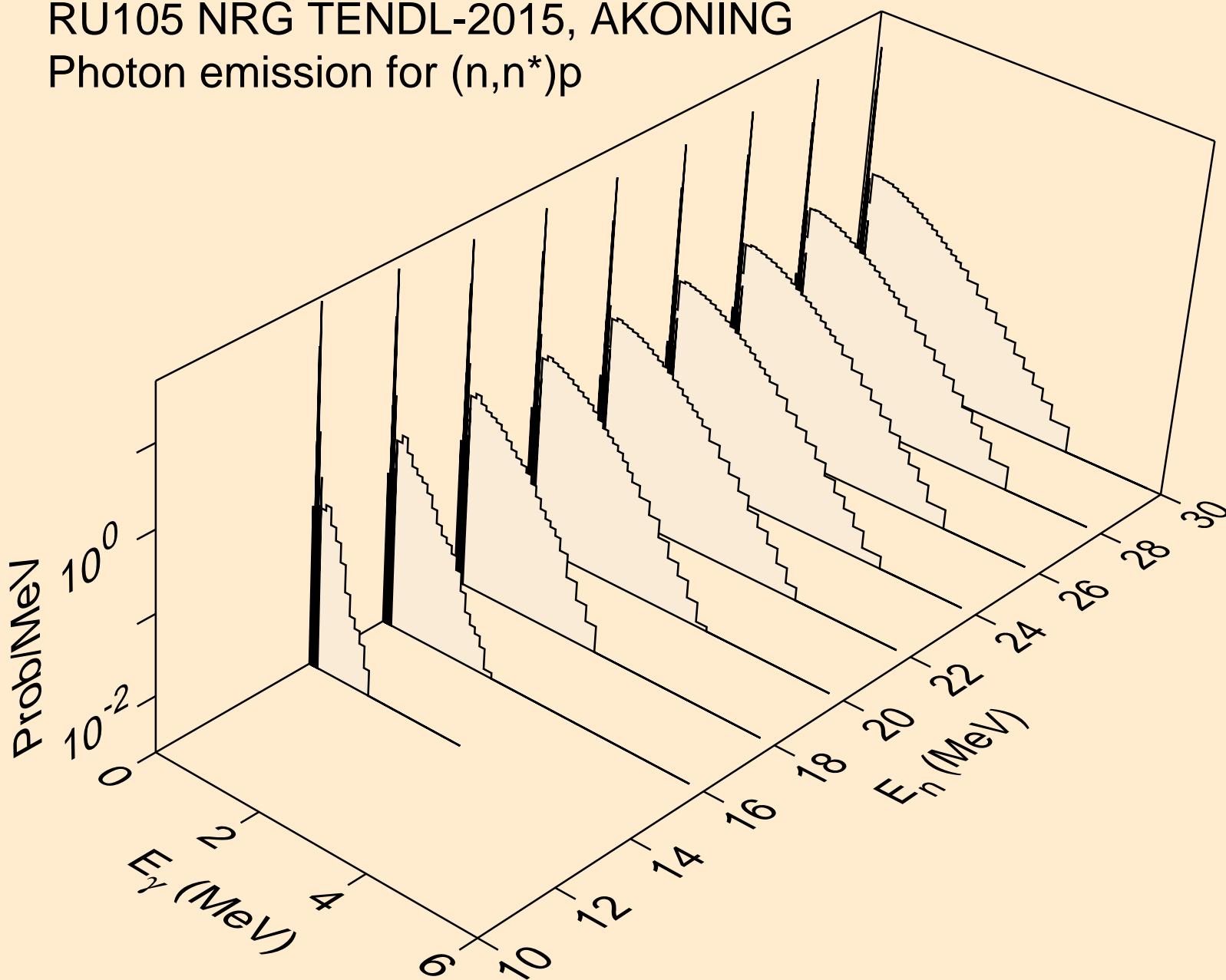
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Photon emission for (n,2n)a



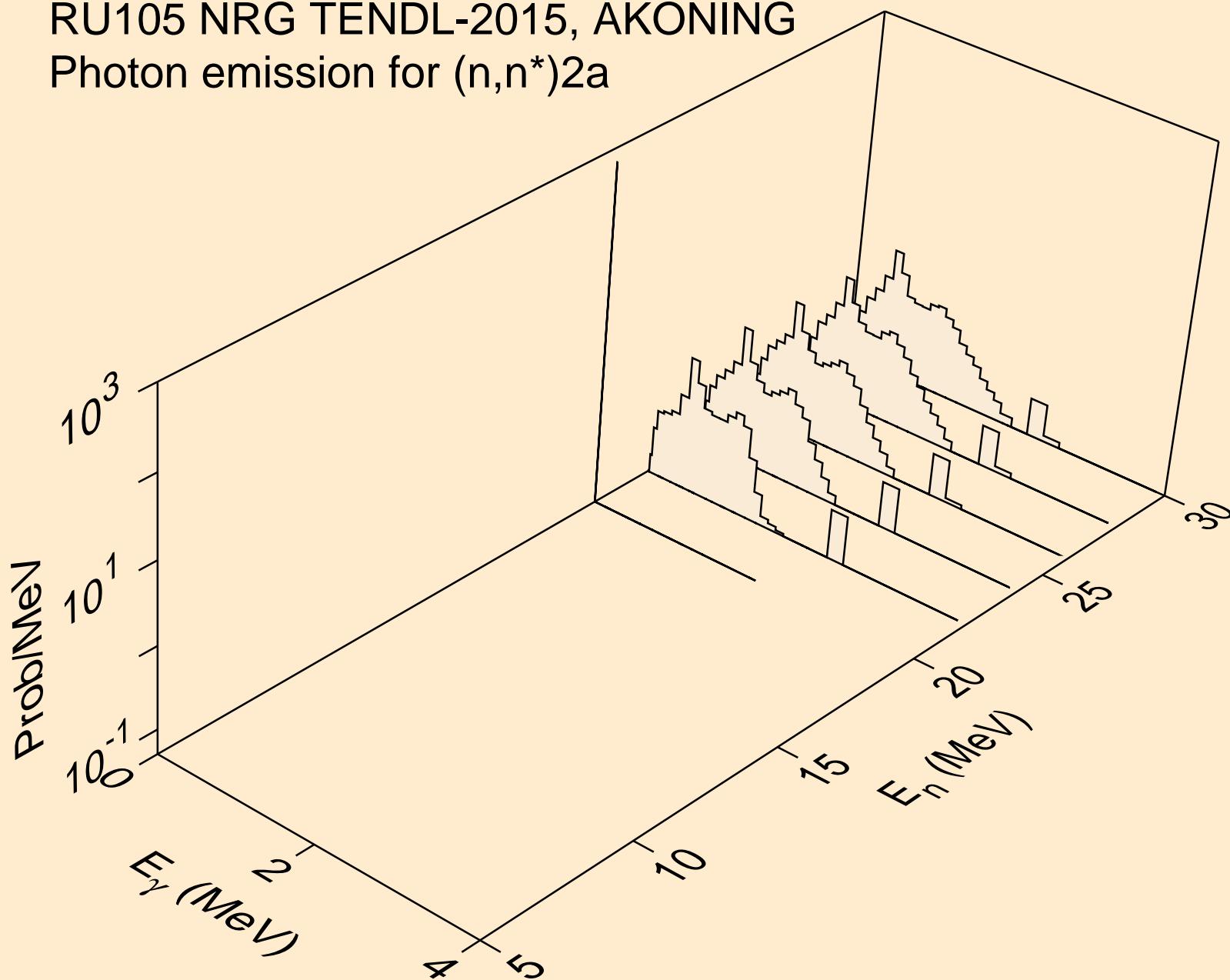
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Photon emission for (n,3n)a



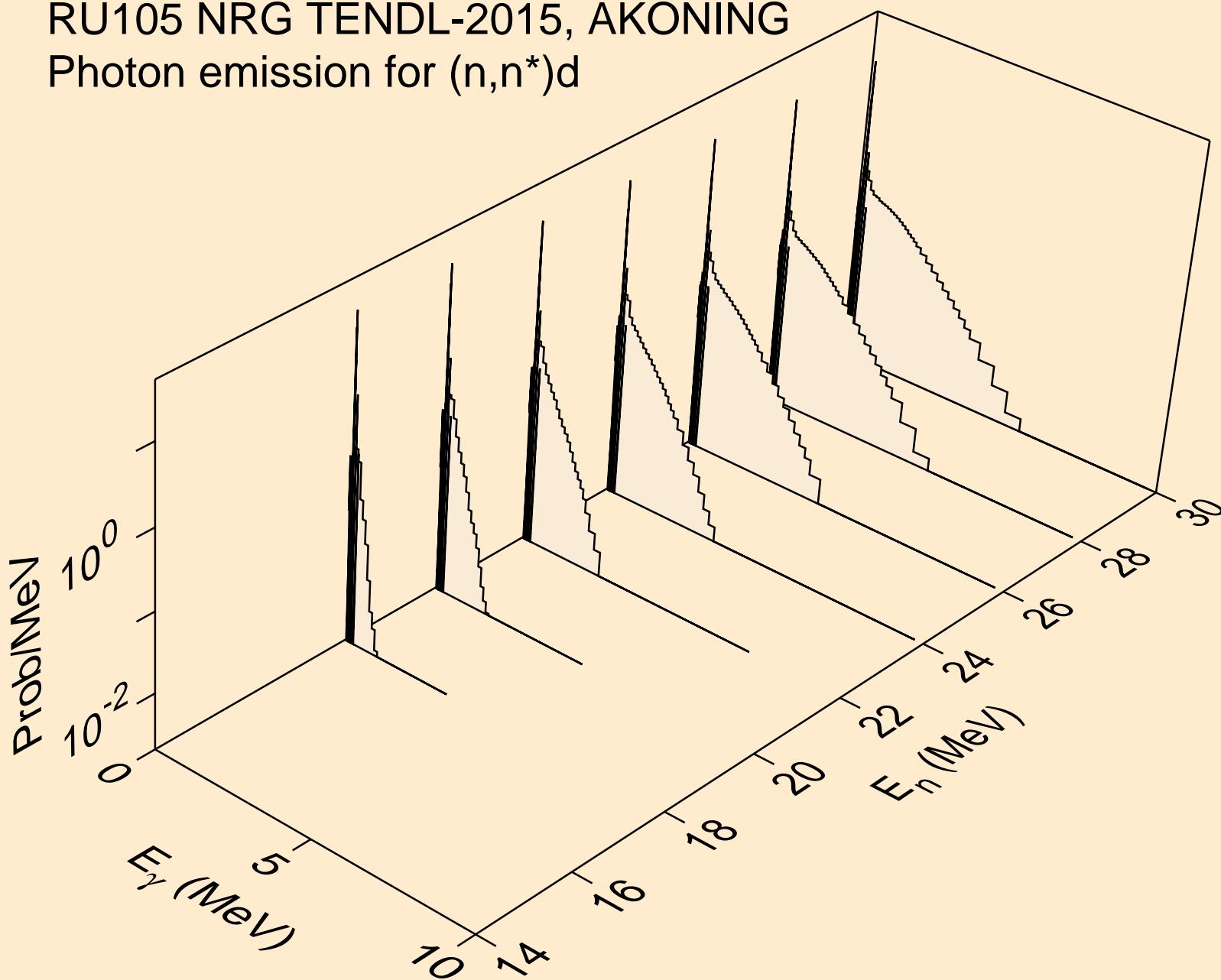
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Photon emission for  $(n,n^*)p$



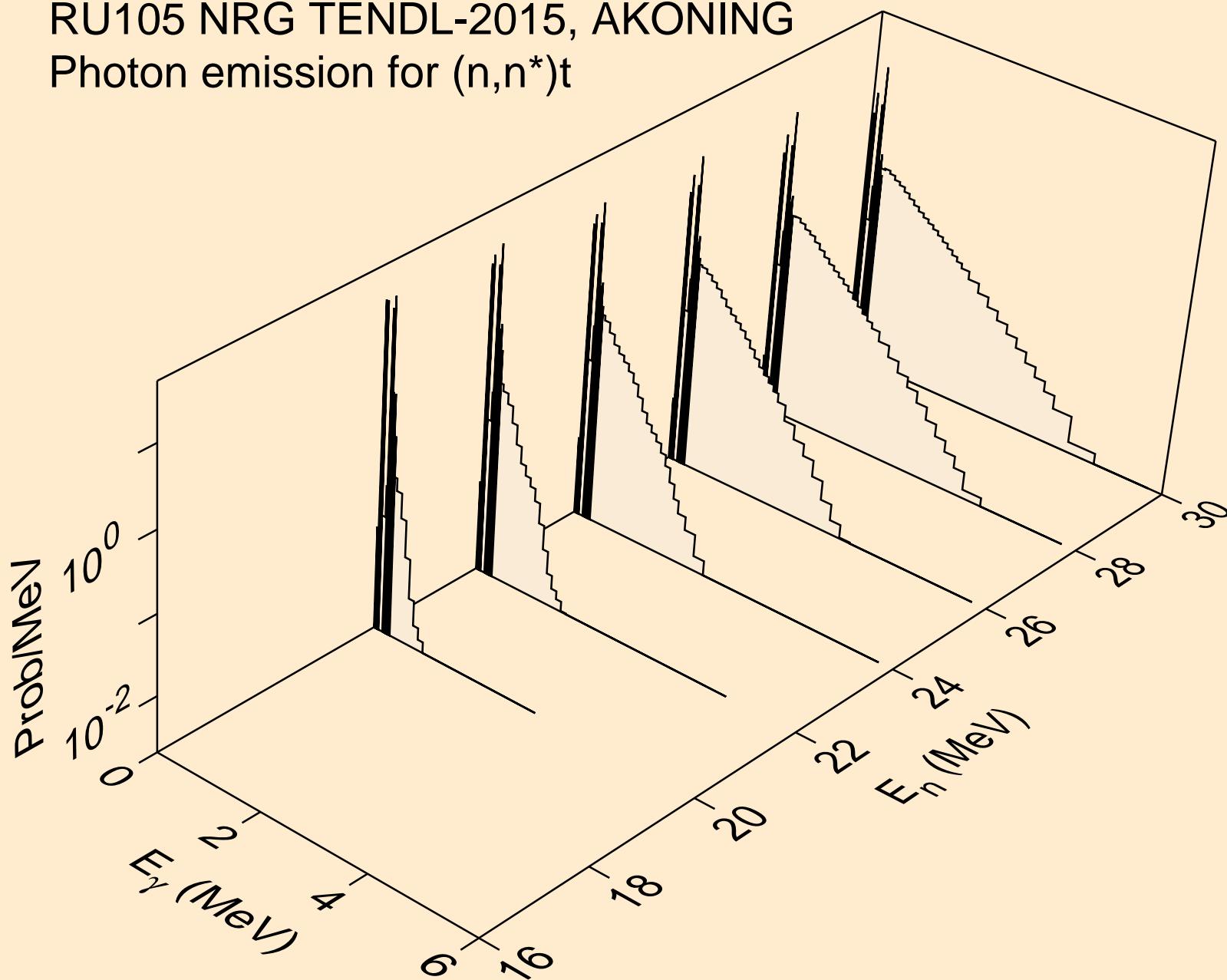
RU105 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)2a$



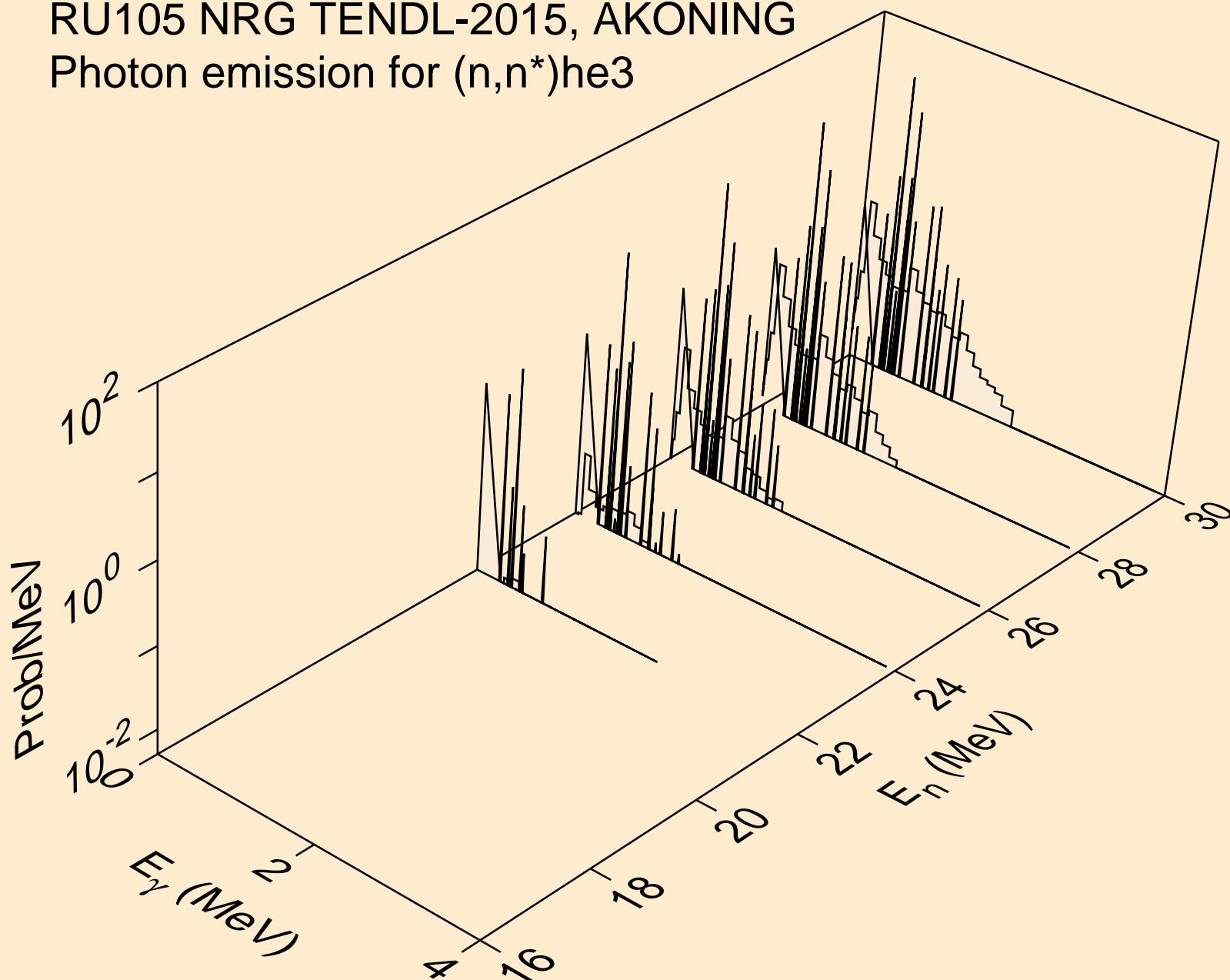
RU105 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)d$



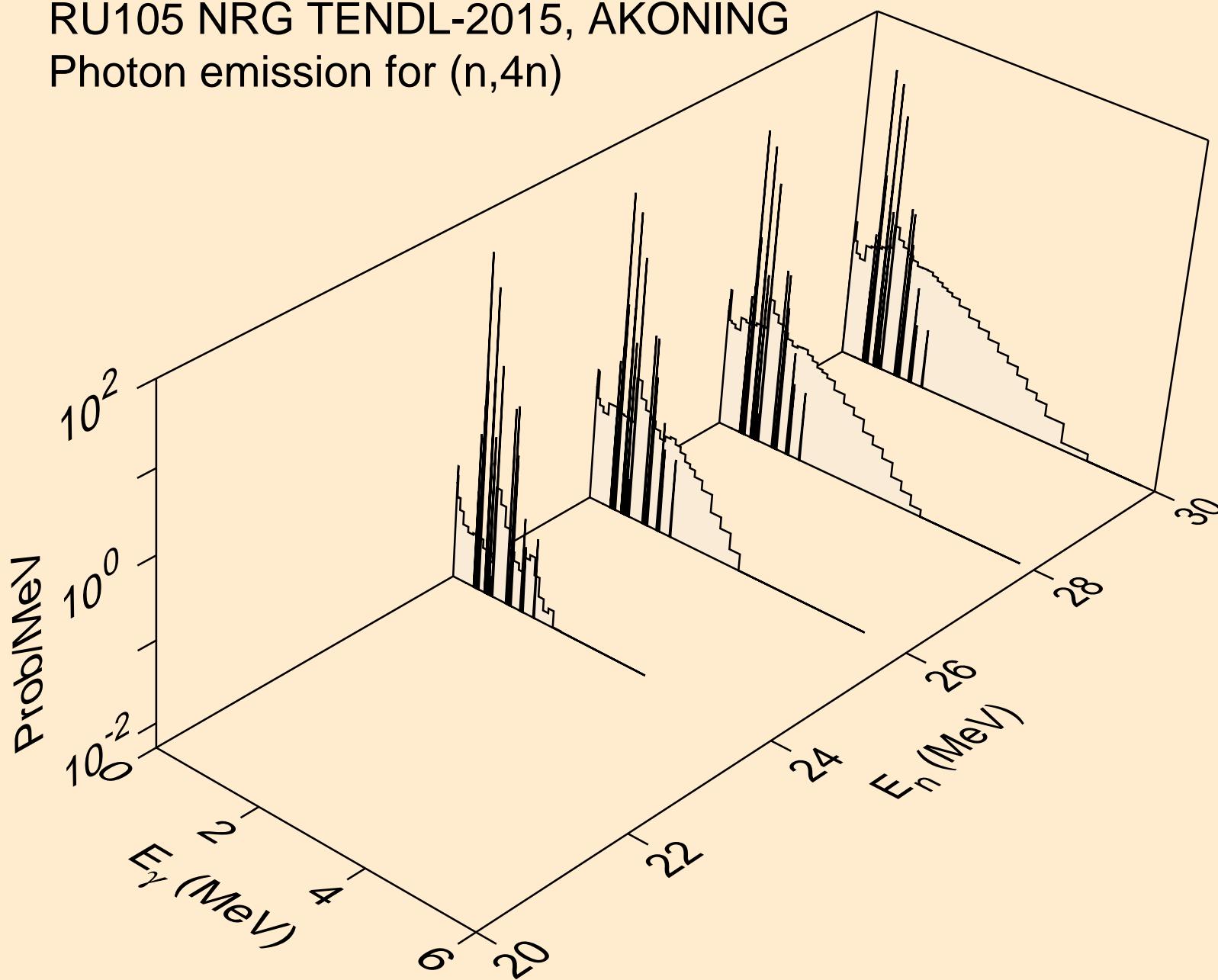
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Photon emission for  $(n,n^*)t$



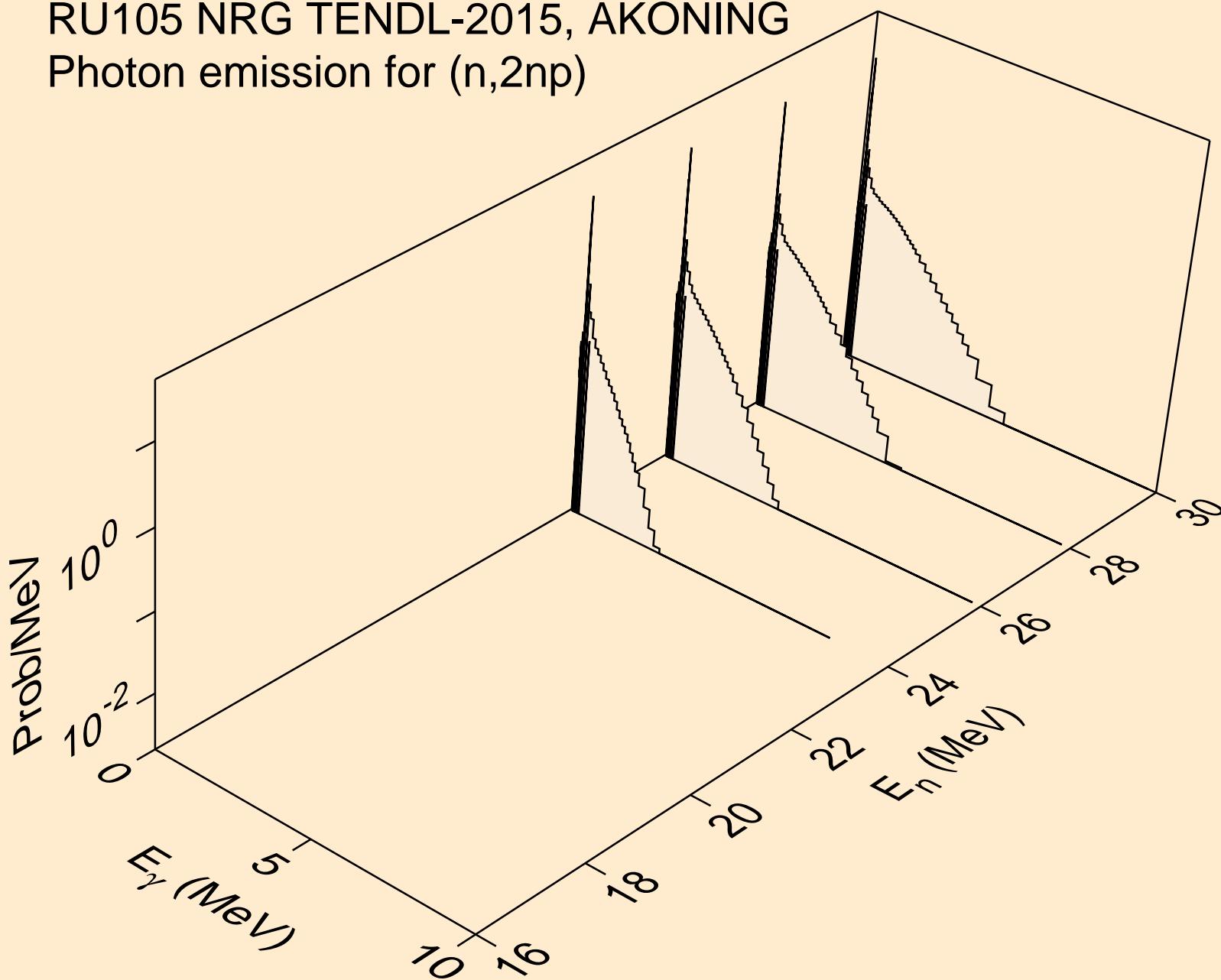
RU105 NRG TENDL-2015, AKONING  
Photon emission for  $(n,n^*)\text{he3}$



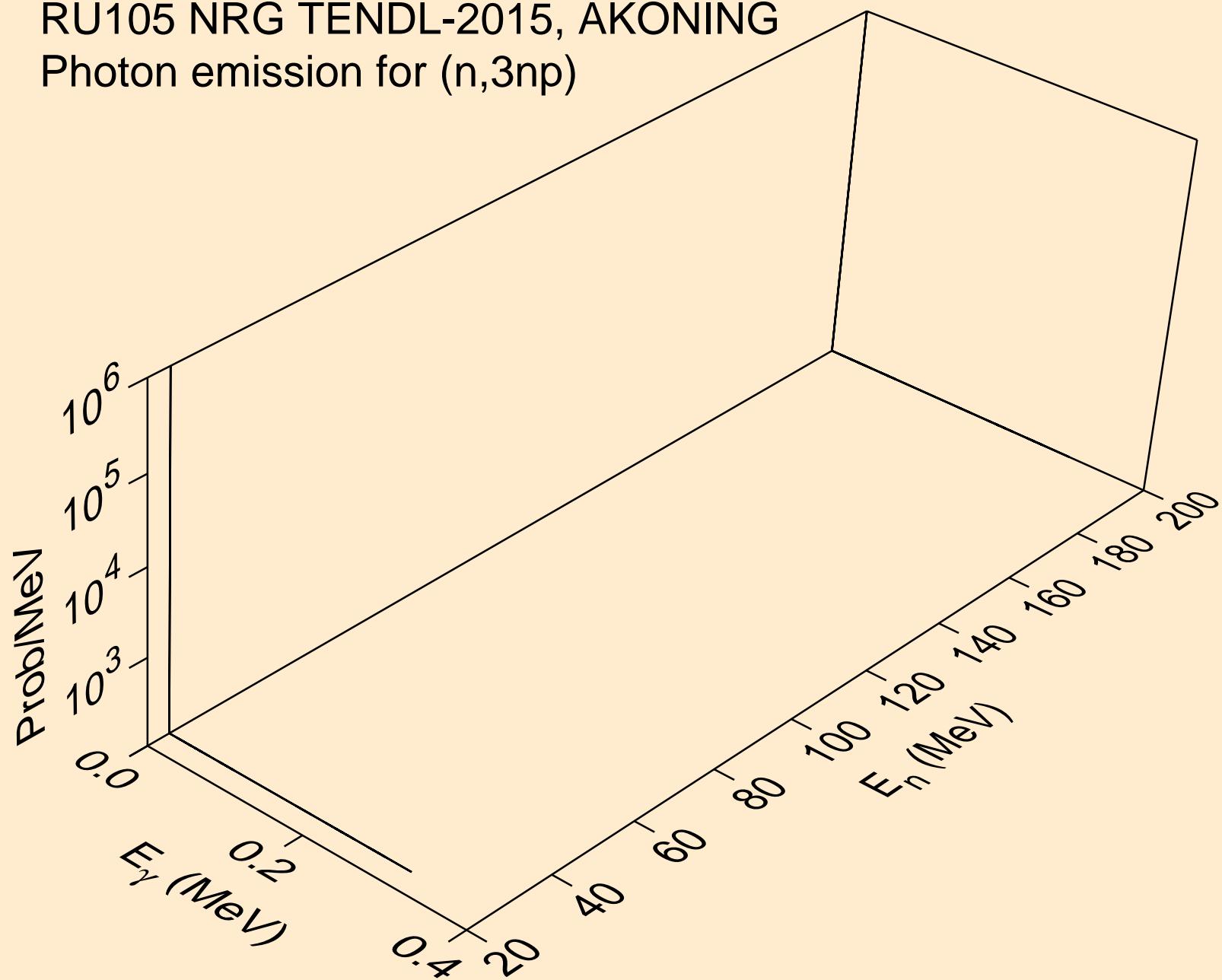
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Photon emission for (n,4n)



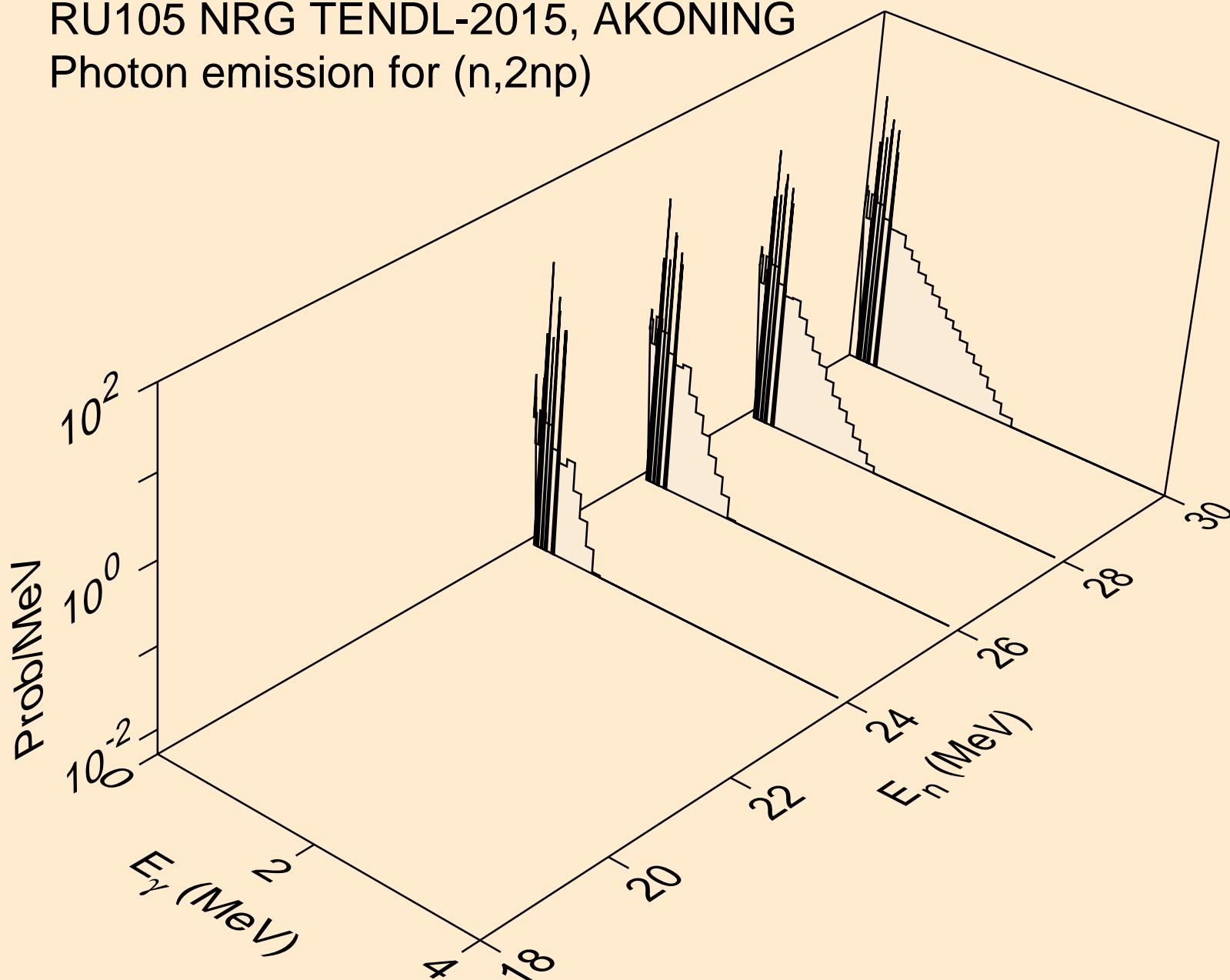
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Photon emission for (n,2np)



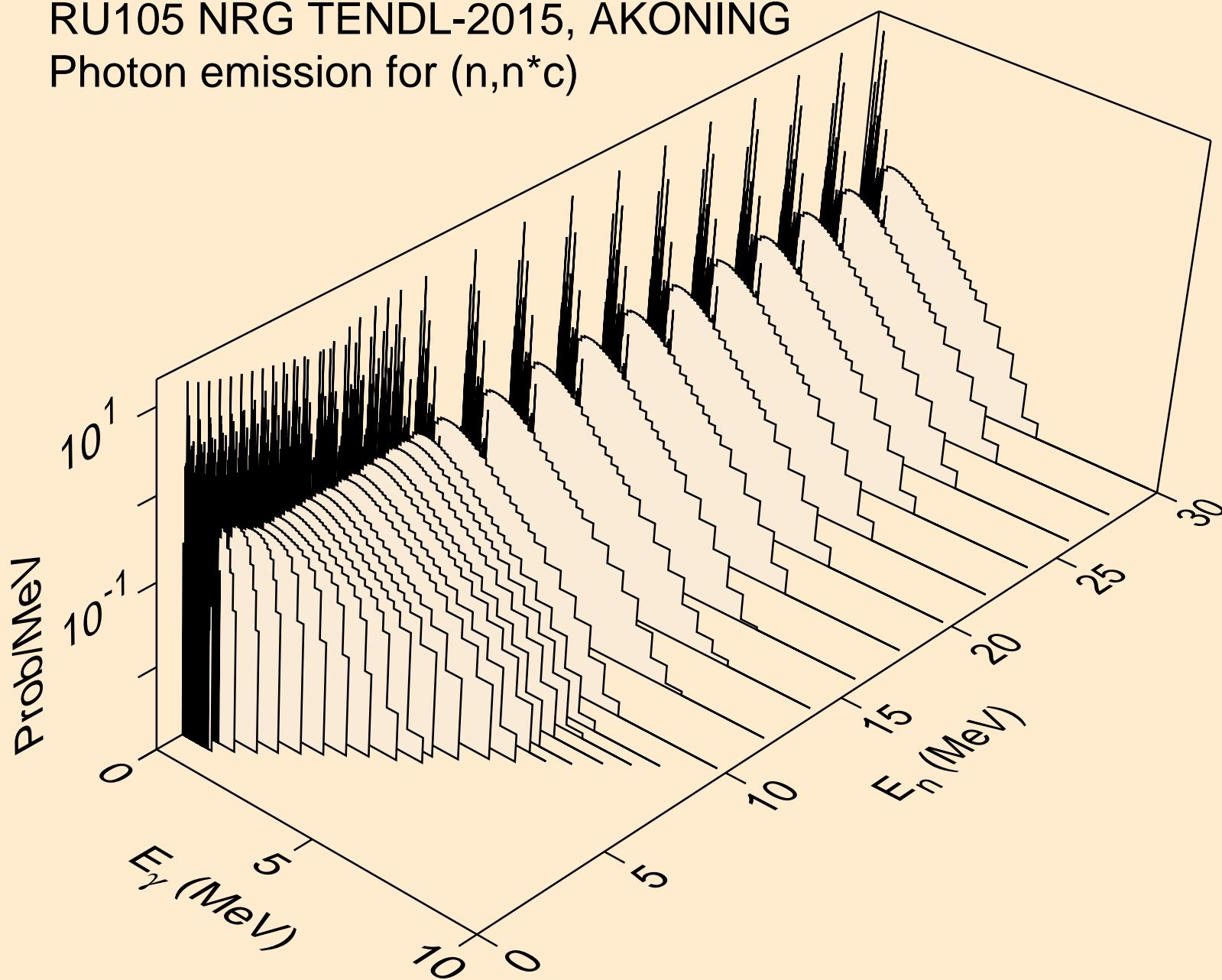
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Photon emission for (n,3np)



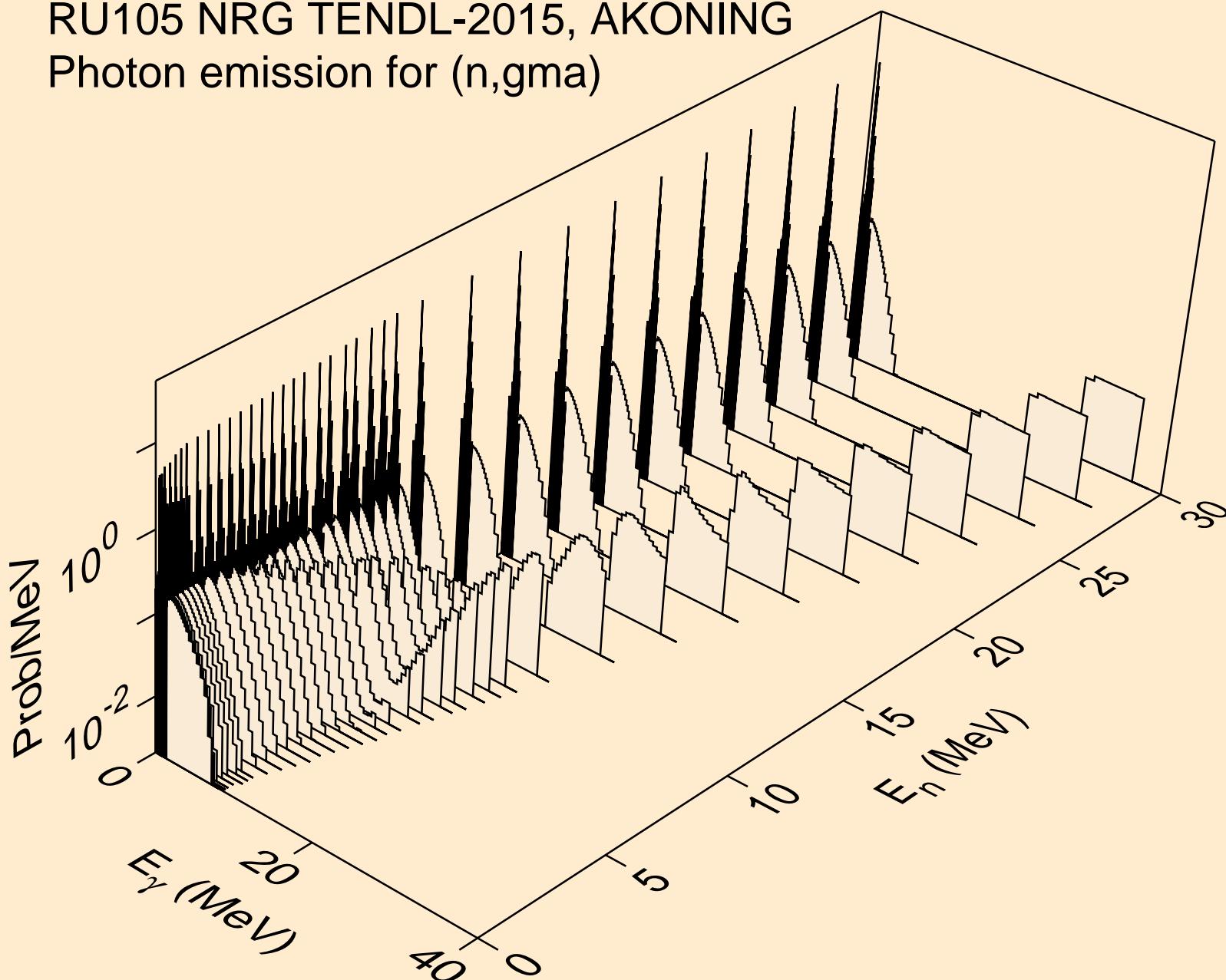
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Photon emission for (n,2np)



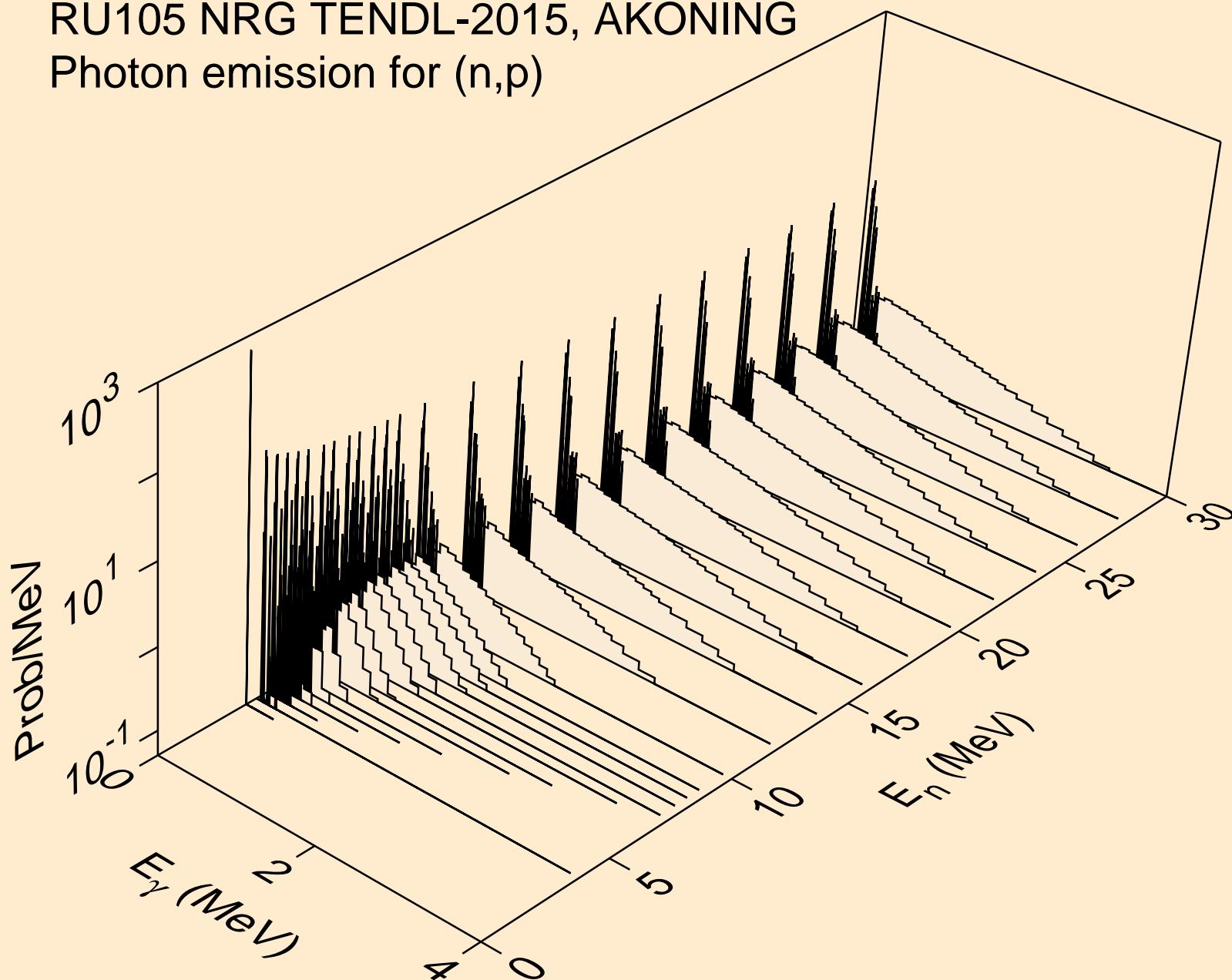
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Photon emission for  $(n,n^*c)$



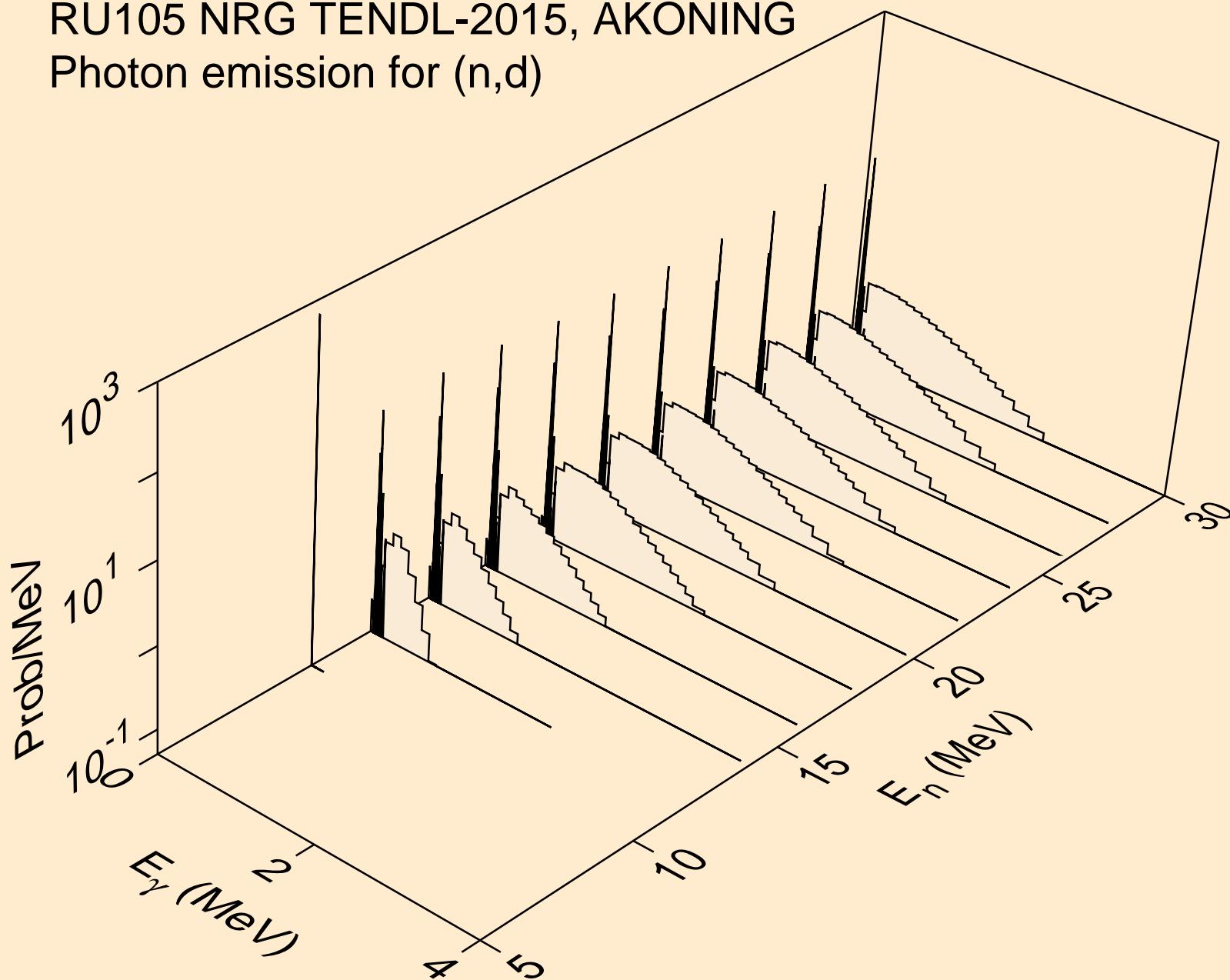
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Photon emission for (n,gma)



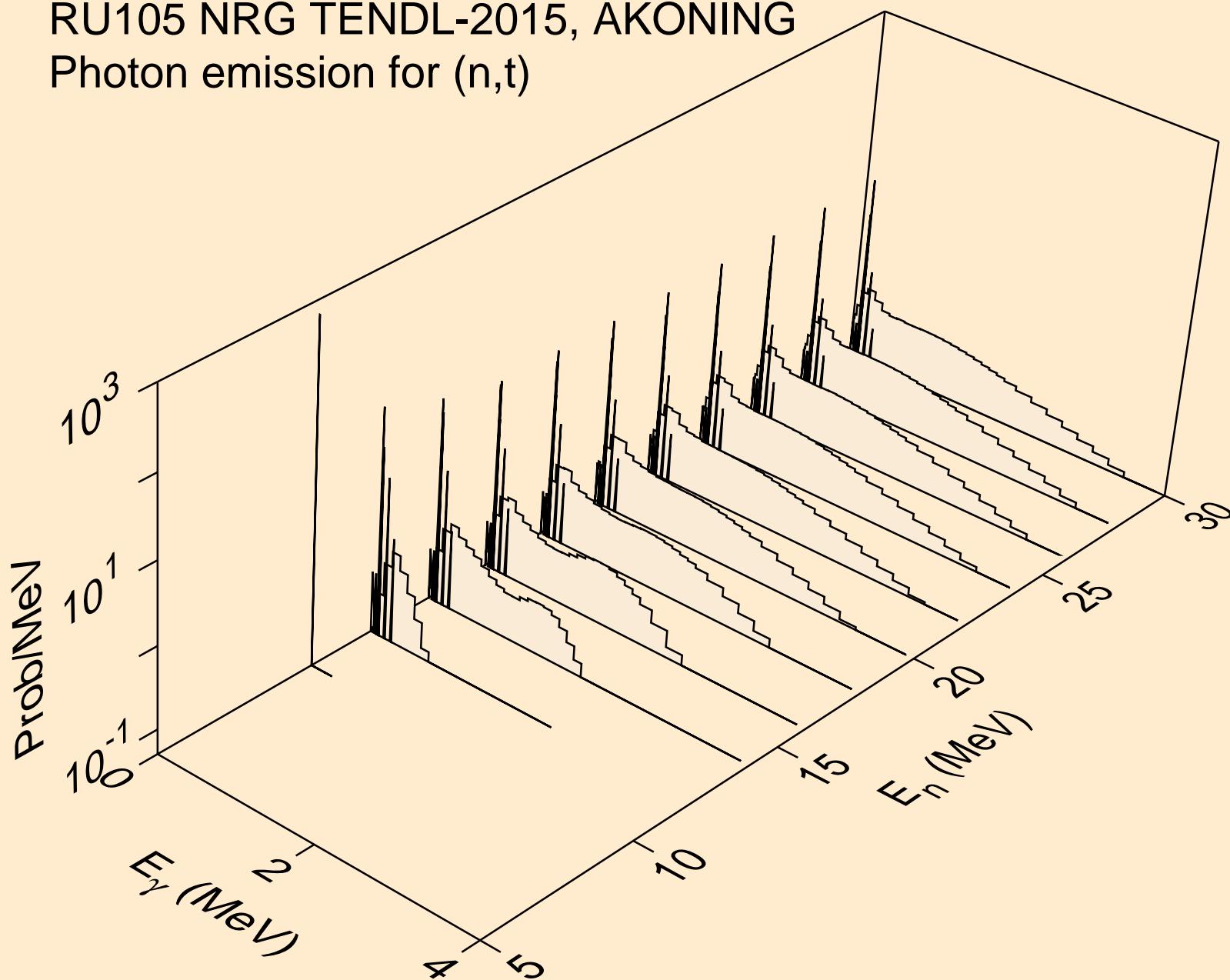
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Photon emission for (n,p)



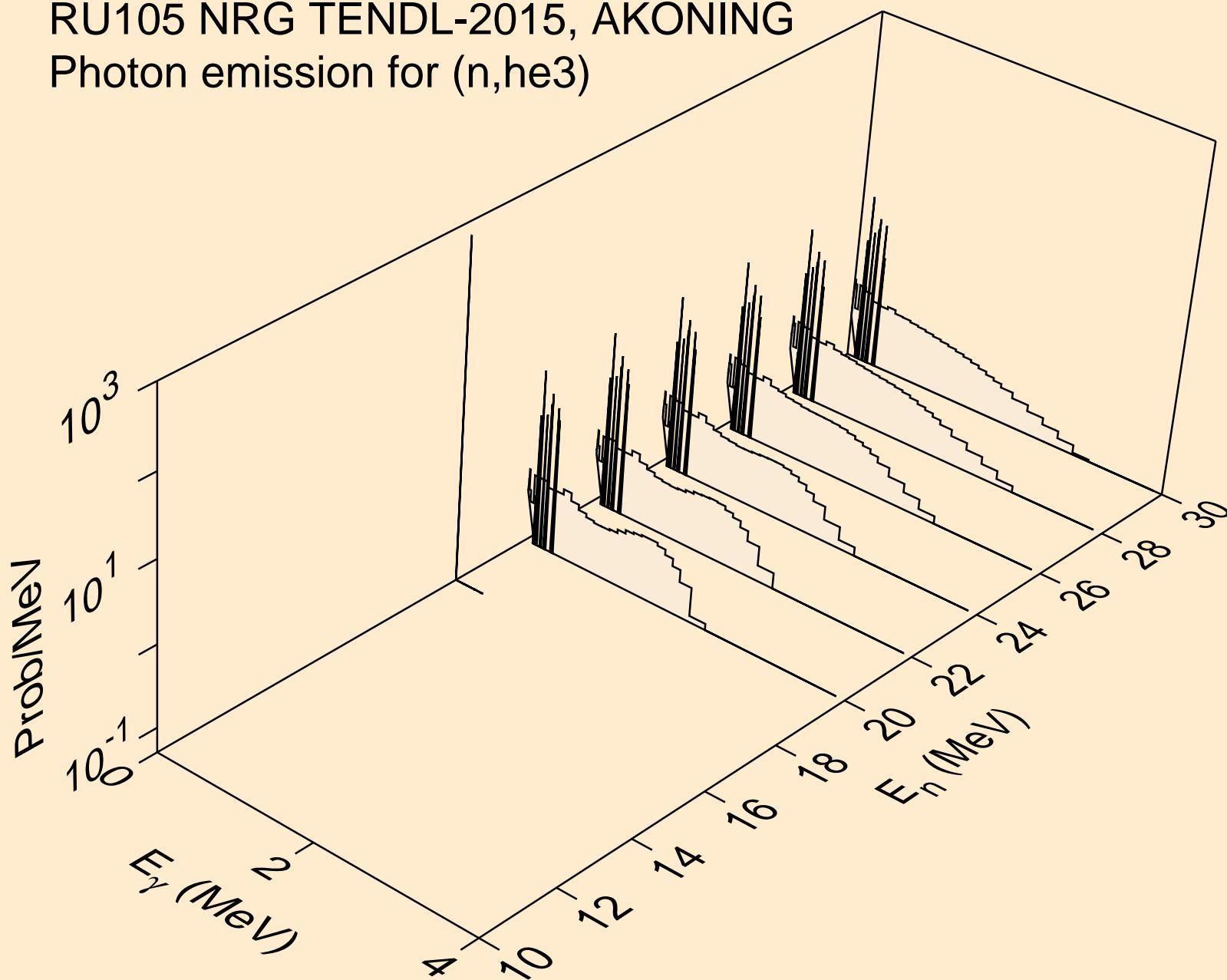
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Photon emission for (n,d)



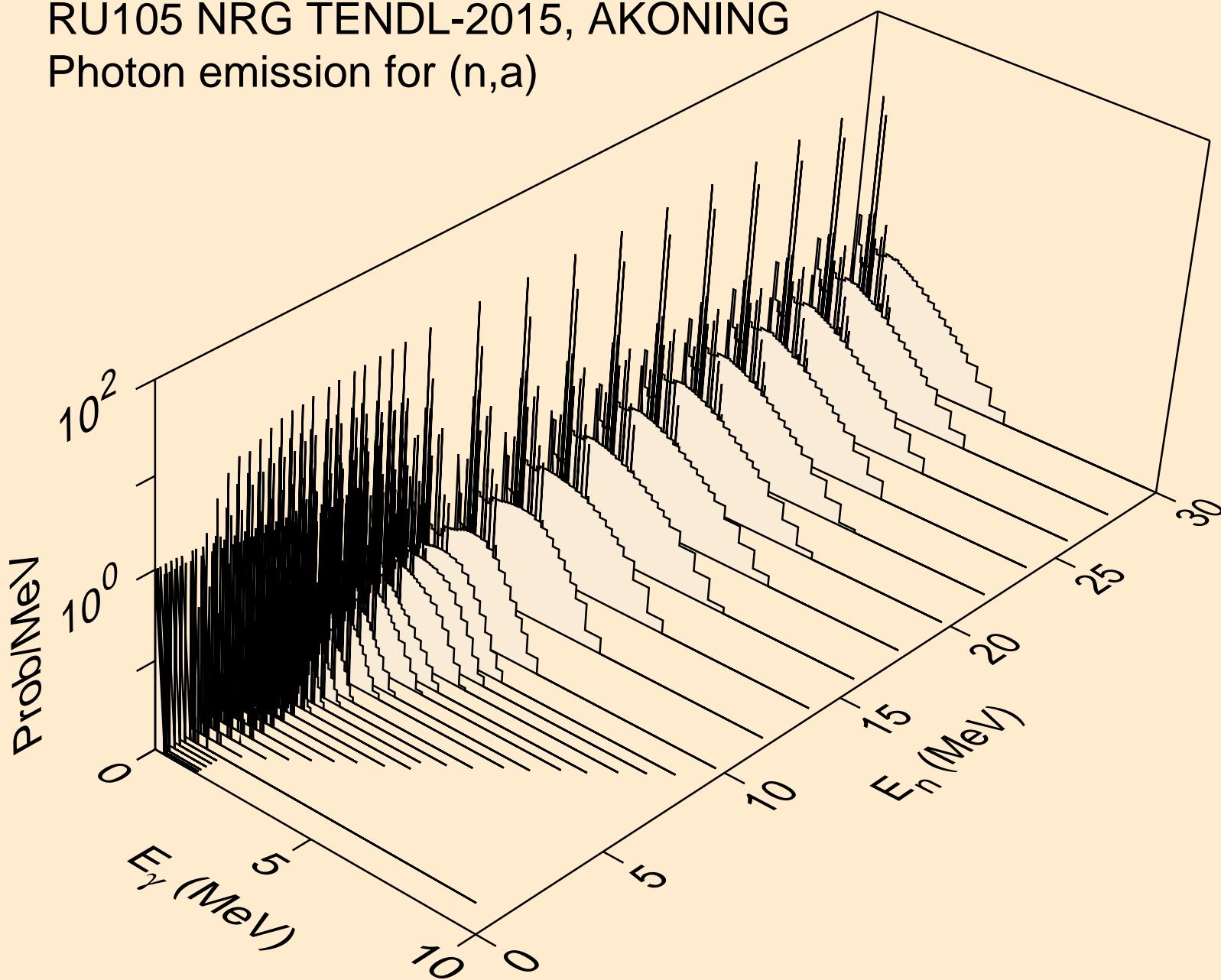
RU105 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



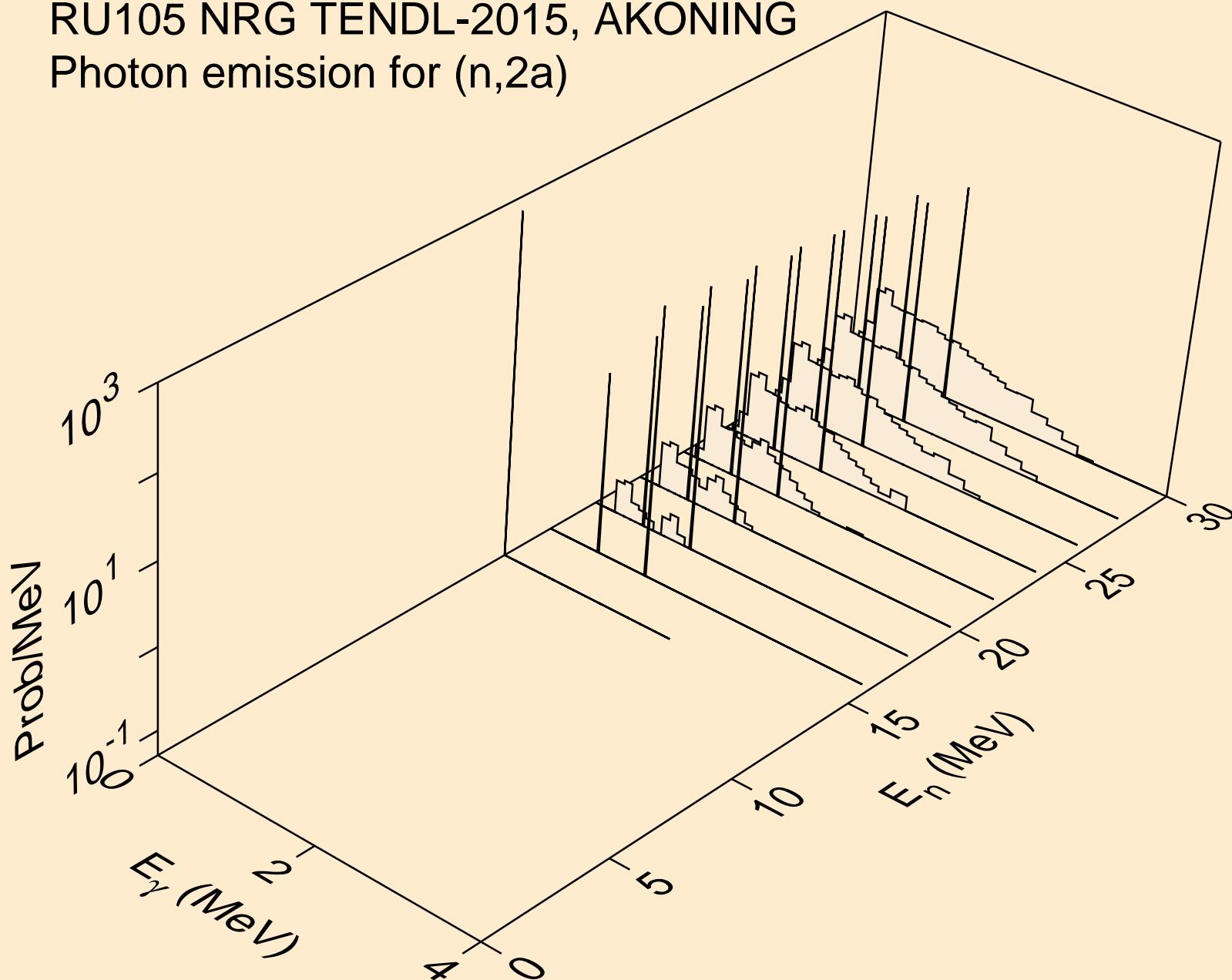
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Photon emission for (n,he3)



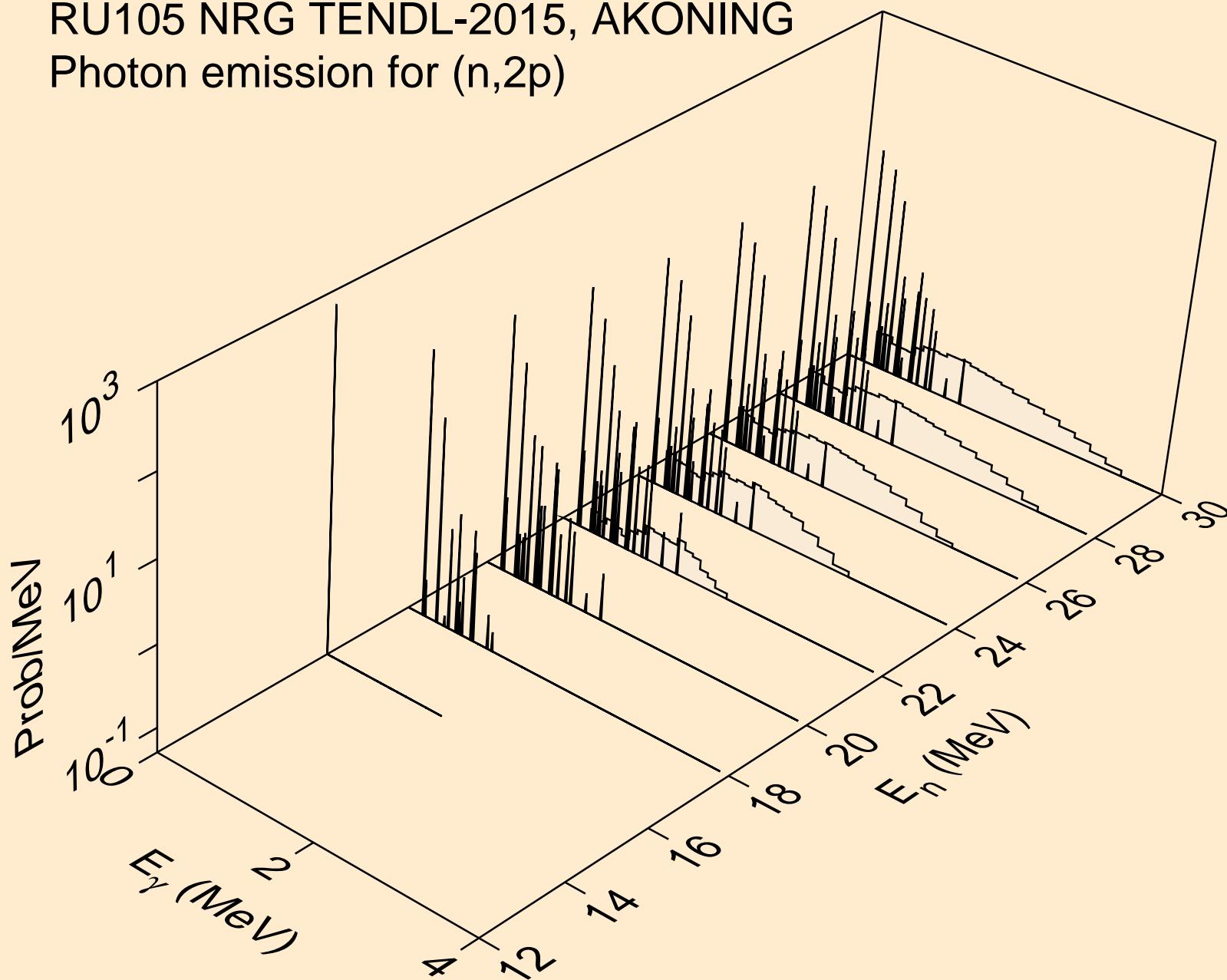
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Photon emission for (n,a)



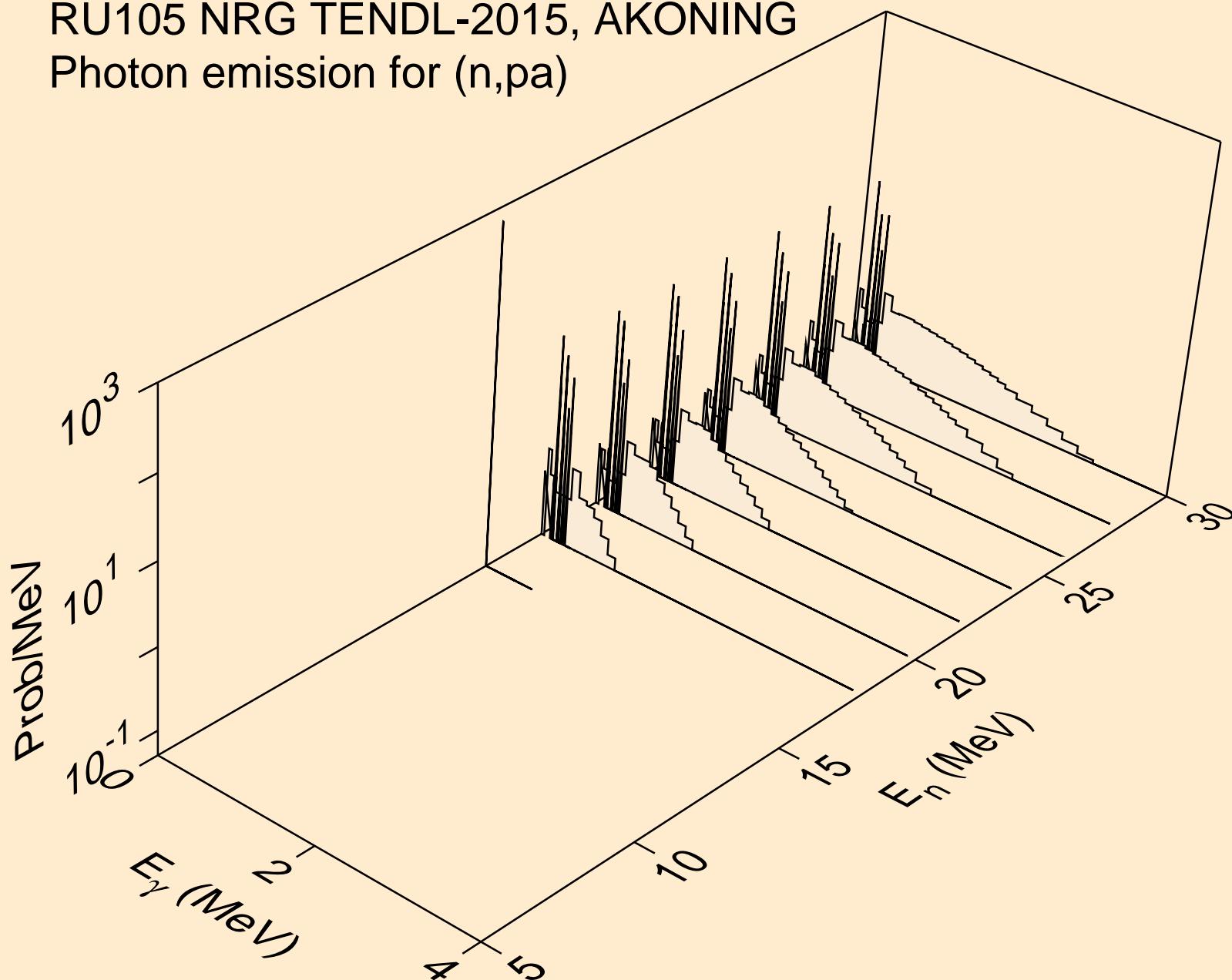
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Photon emission for (n,2a)



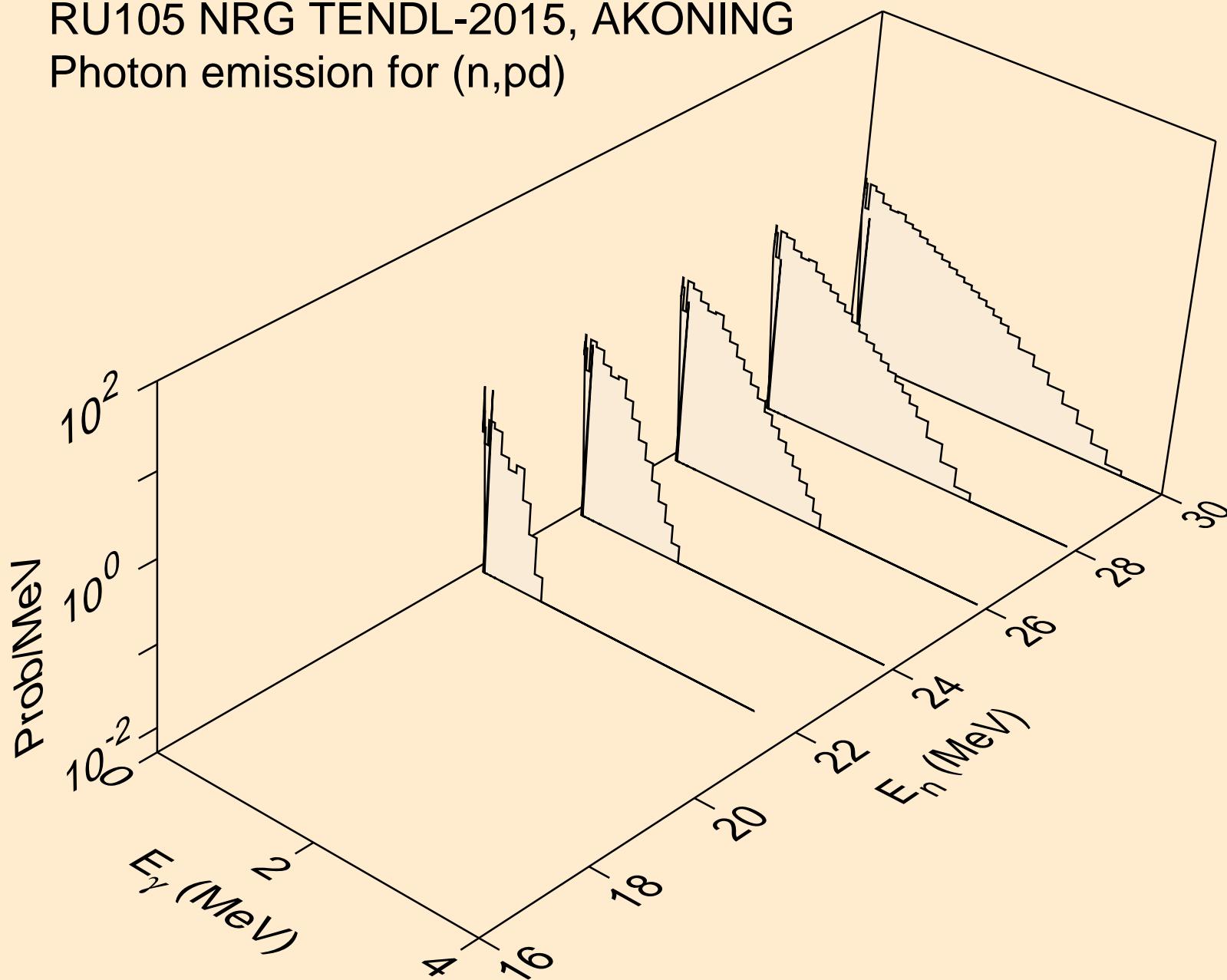
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Photon emission for (n,2p)



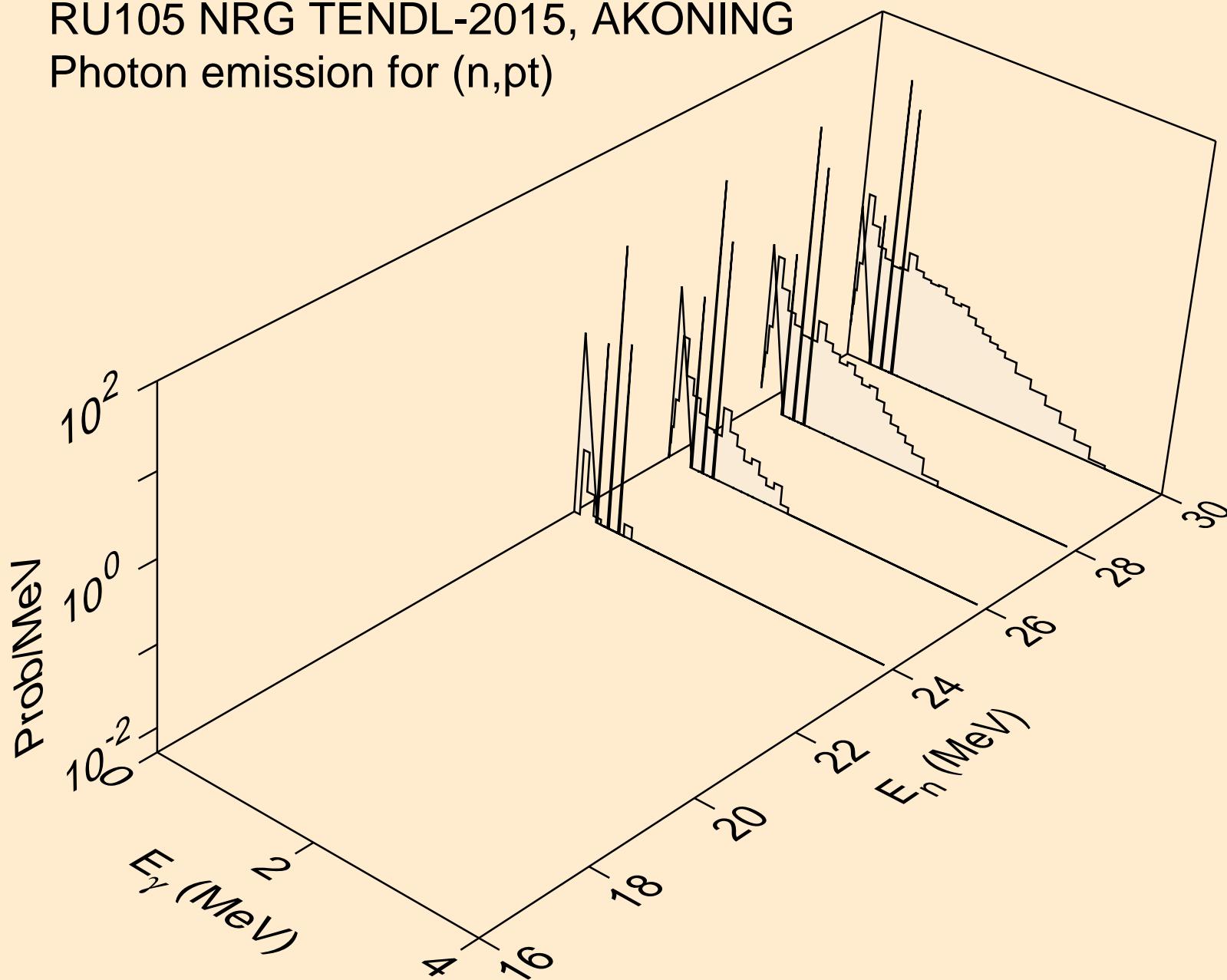
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Photon emission for (n,pa)



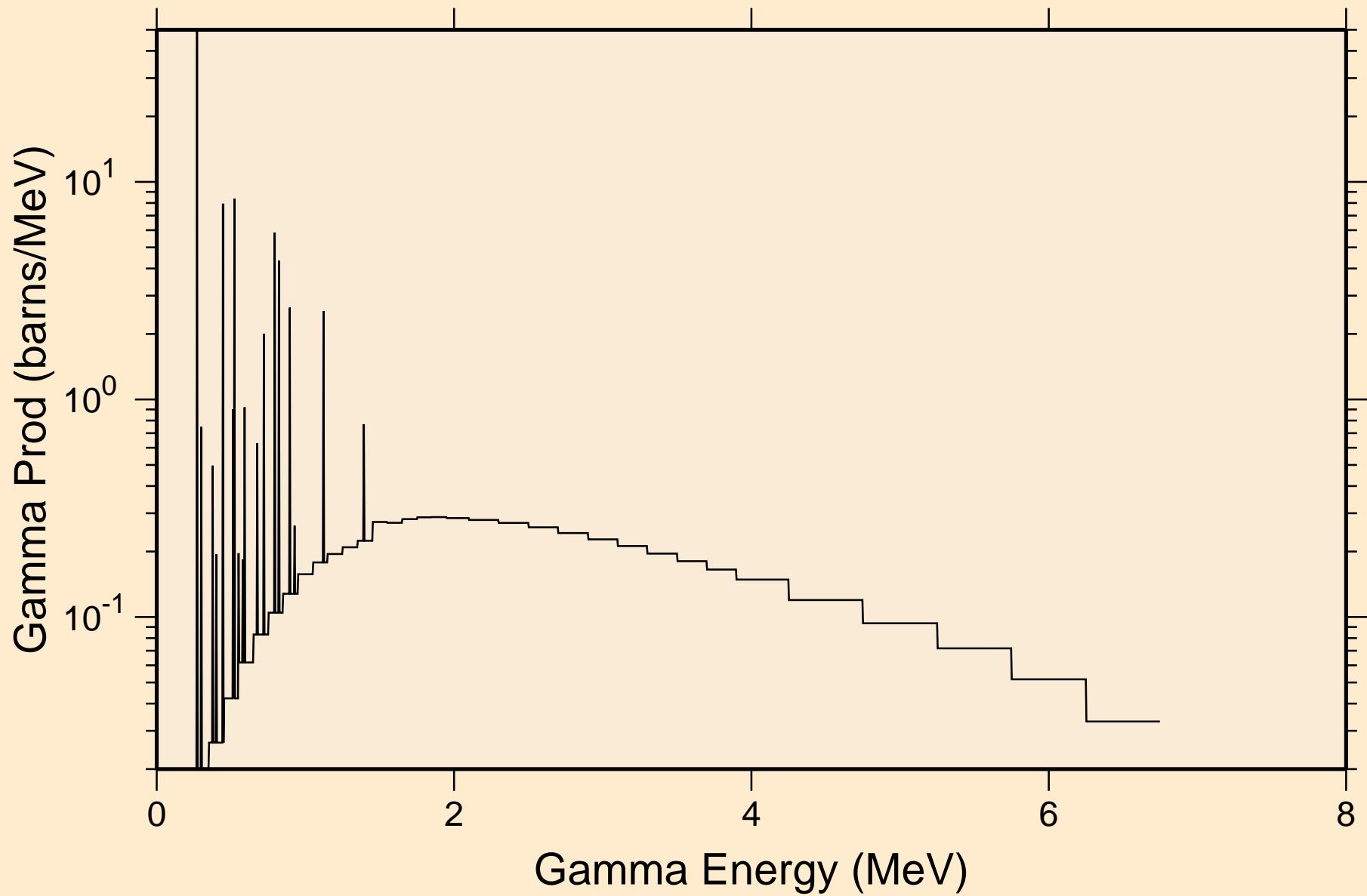
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Photon emission for (n,pd)



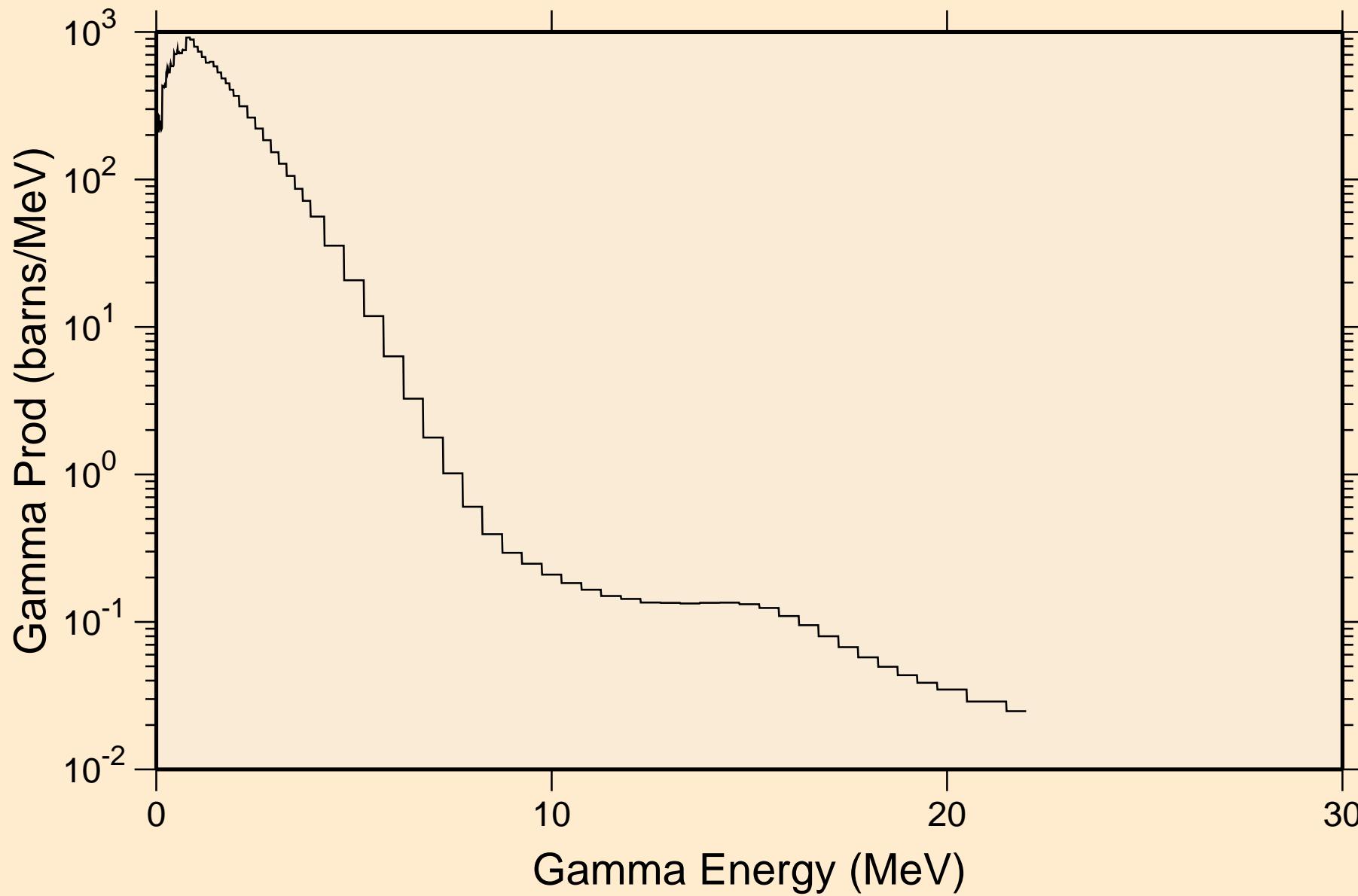
RU105 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



RU105 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

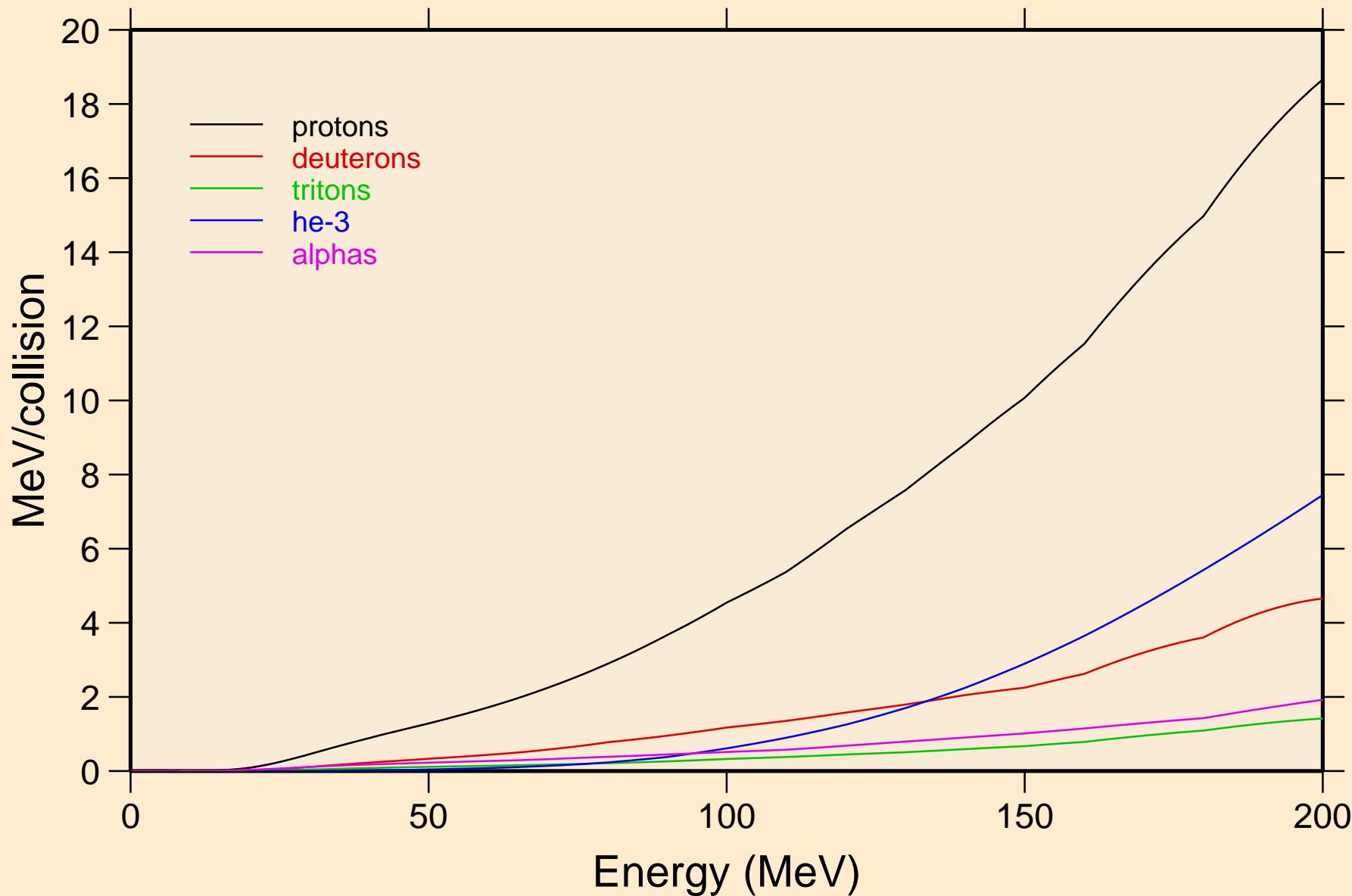


RU105 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



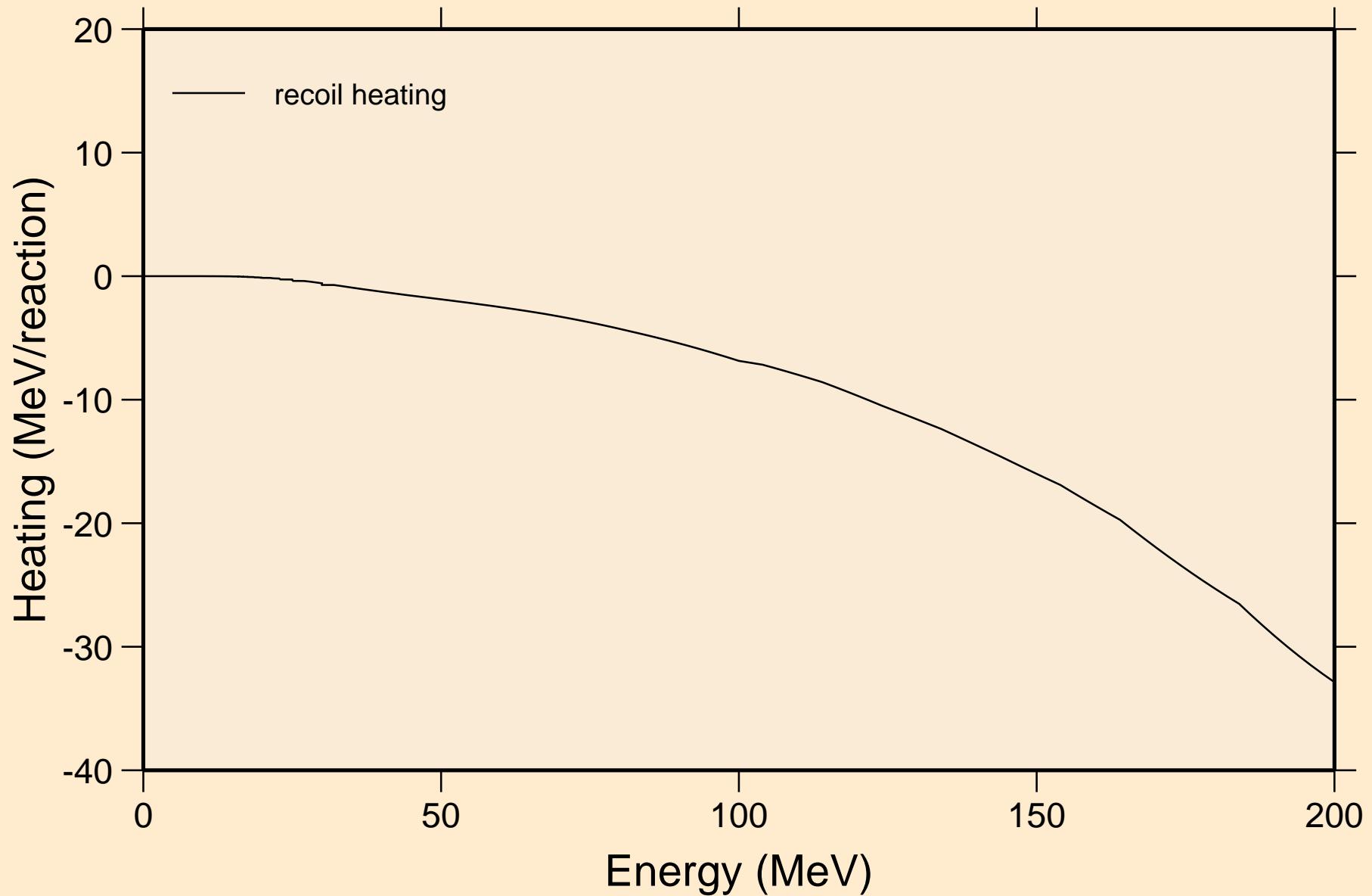
# RU105 NRG TENDL-2015, AKONING

## Particle heating contributions

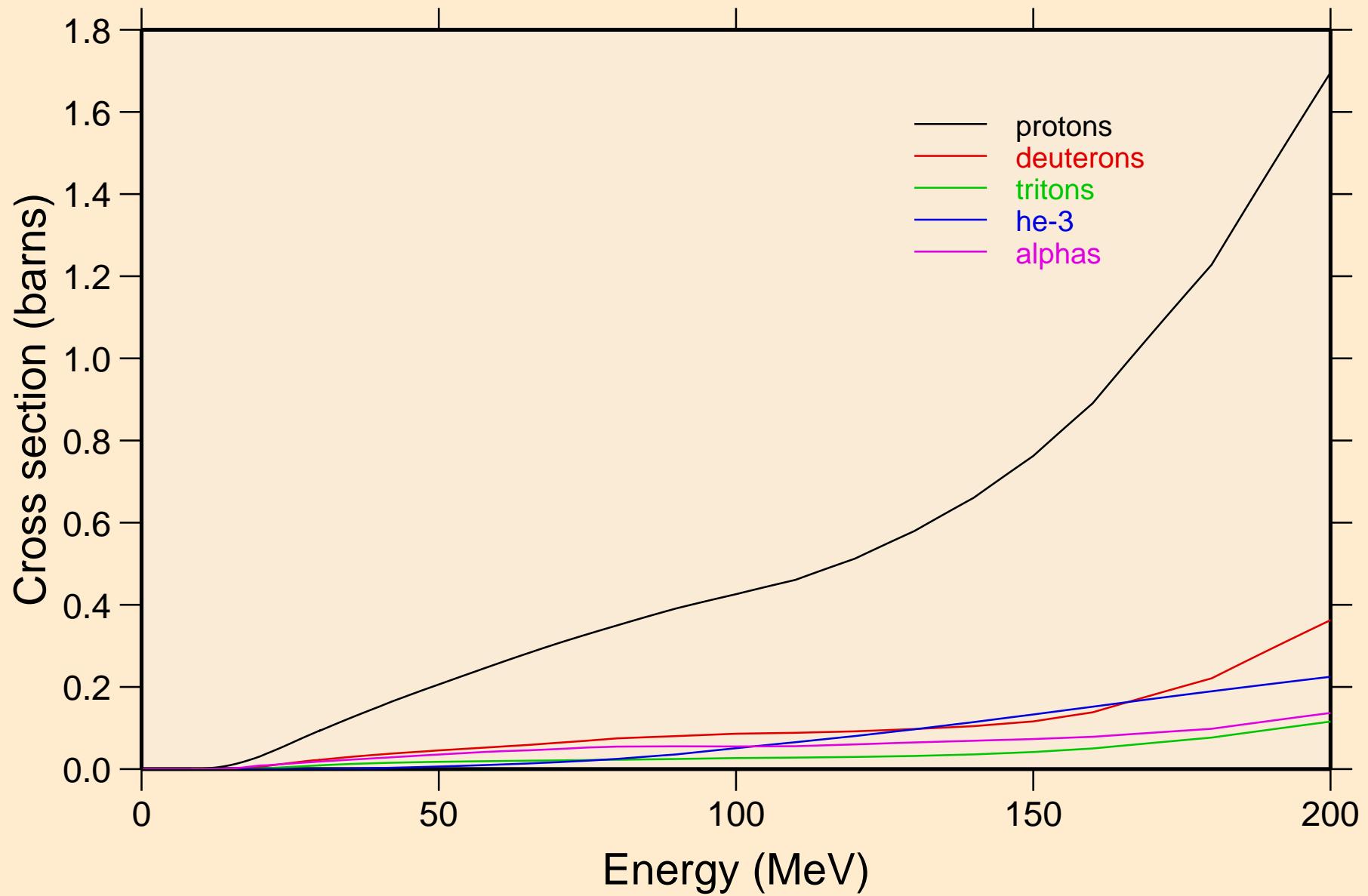


# RU105 NRG TENDL-2015, AKONING

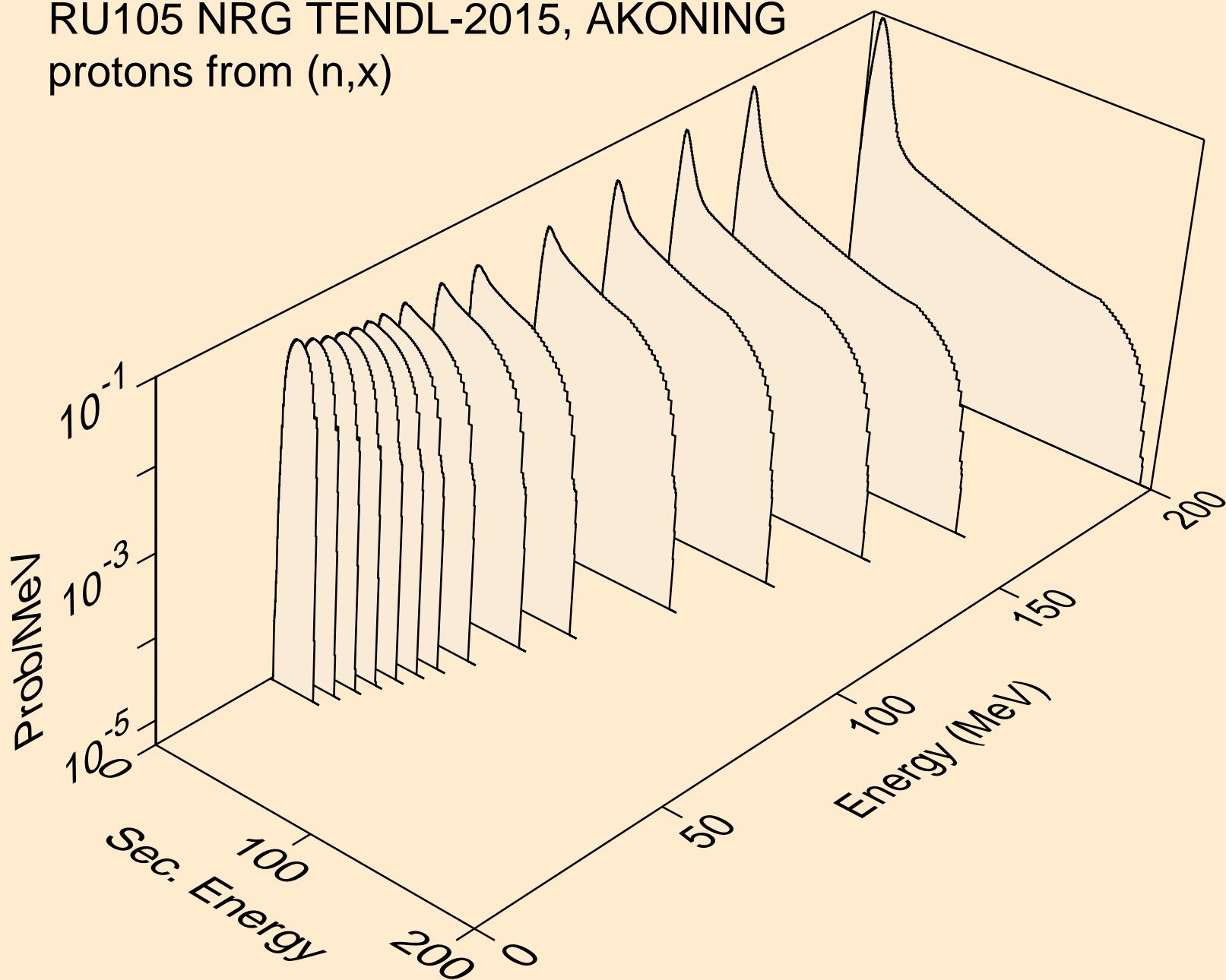
## Recoil Heating



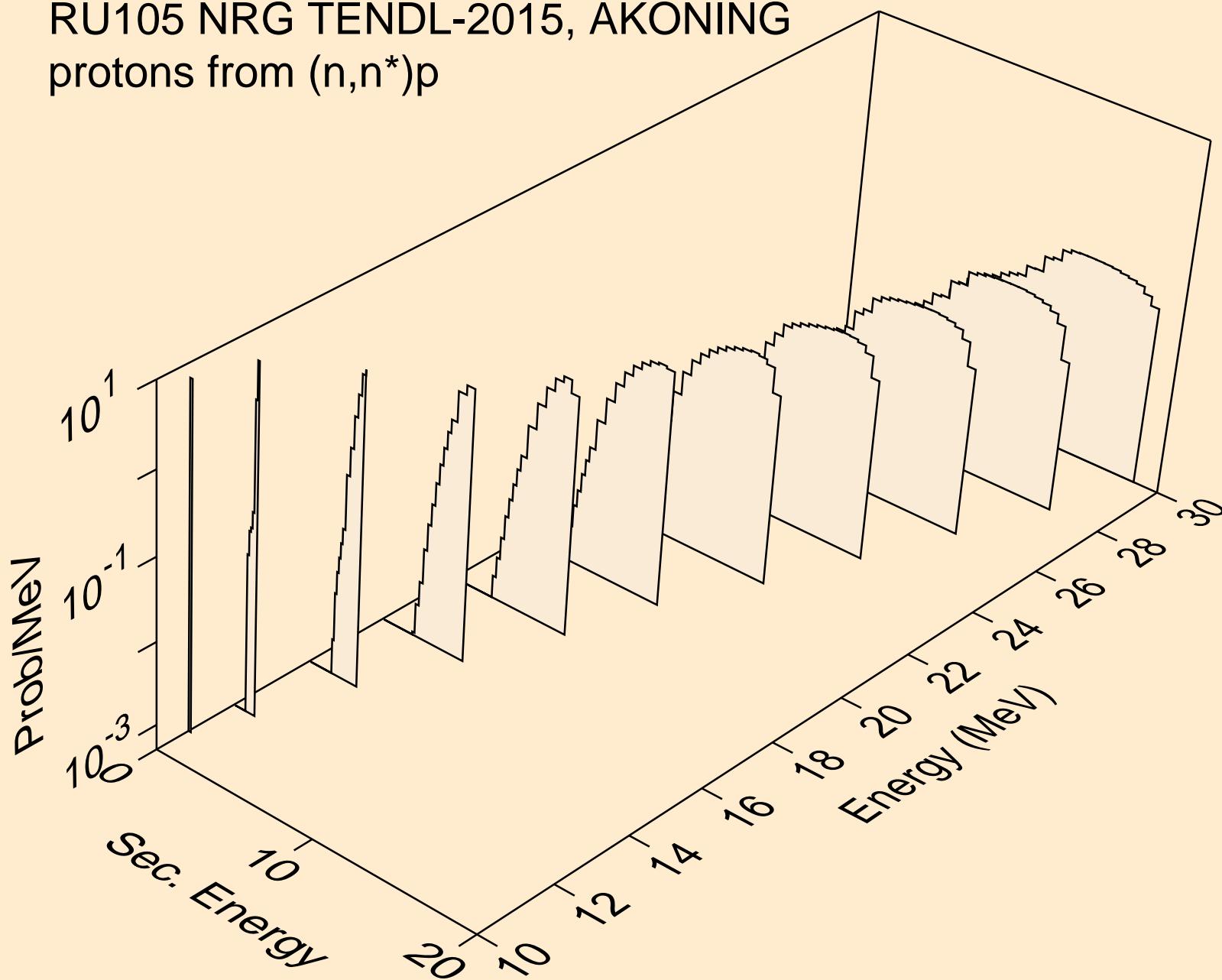
RU105 NRG TENDL-2015, AKONING  
Particle production cross sections



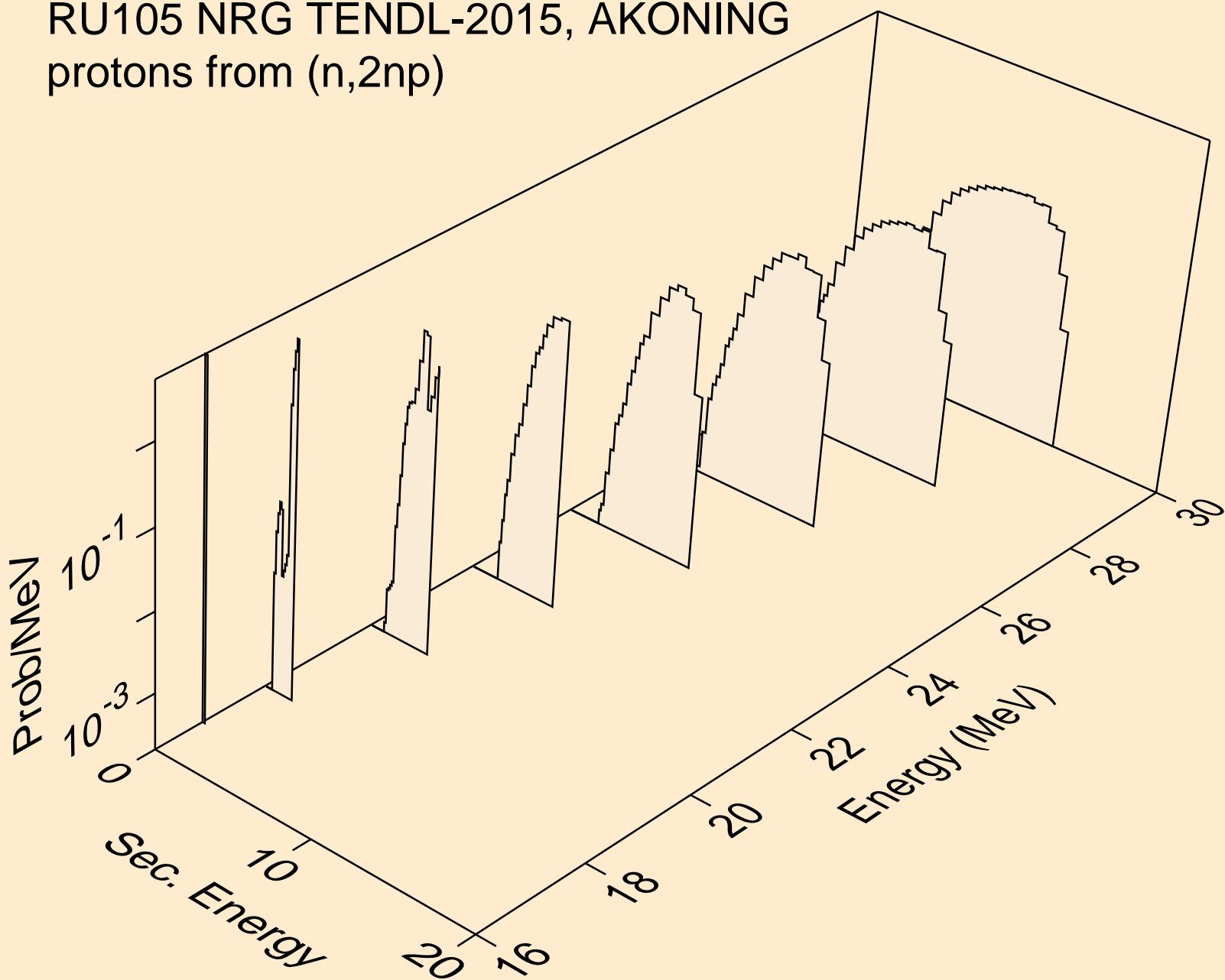
RU105 NRG TENDL-2015, AKONING  
protons from ( $n, x$ )



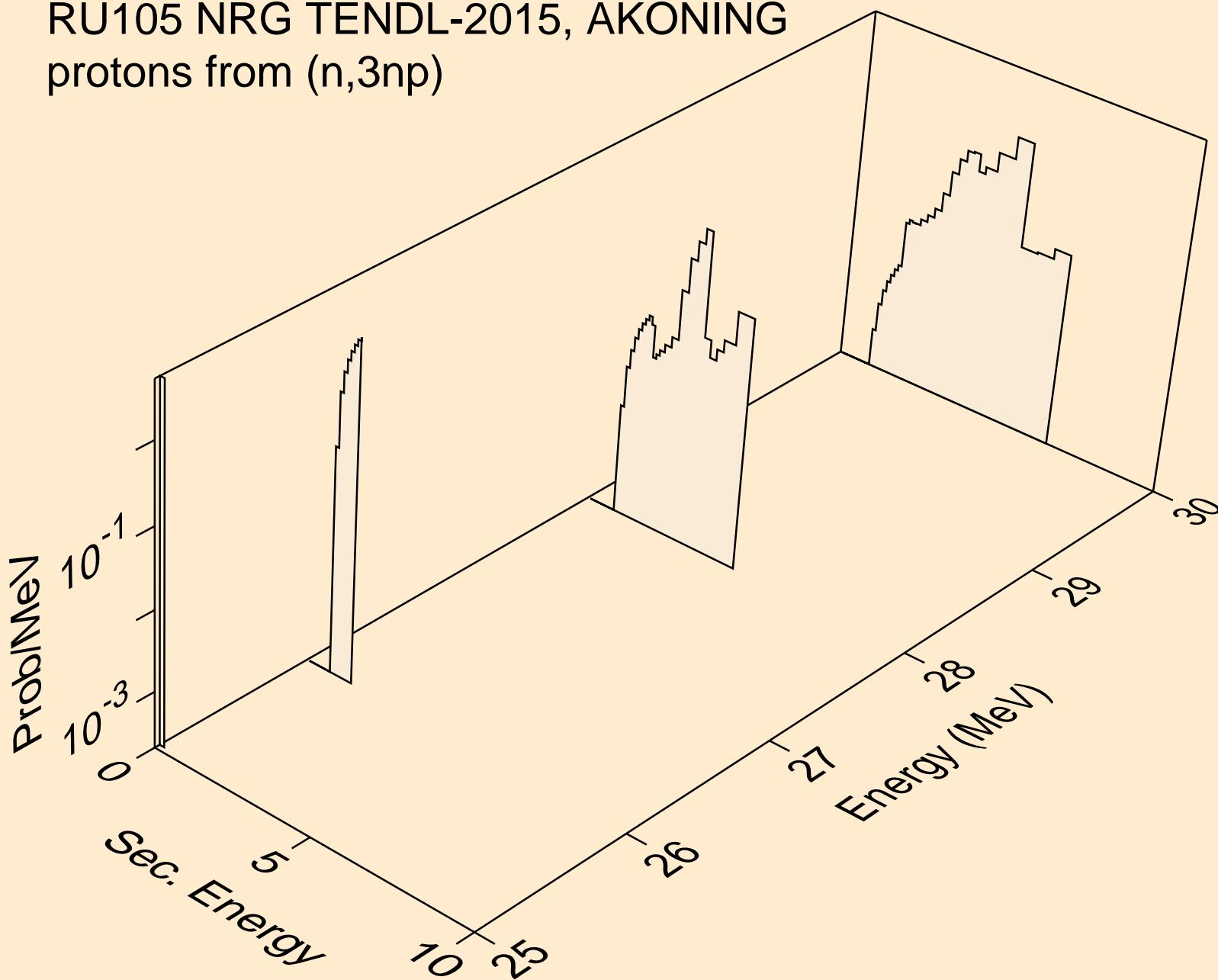
RU105 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



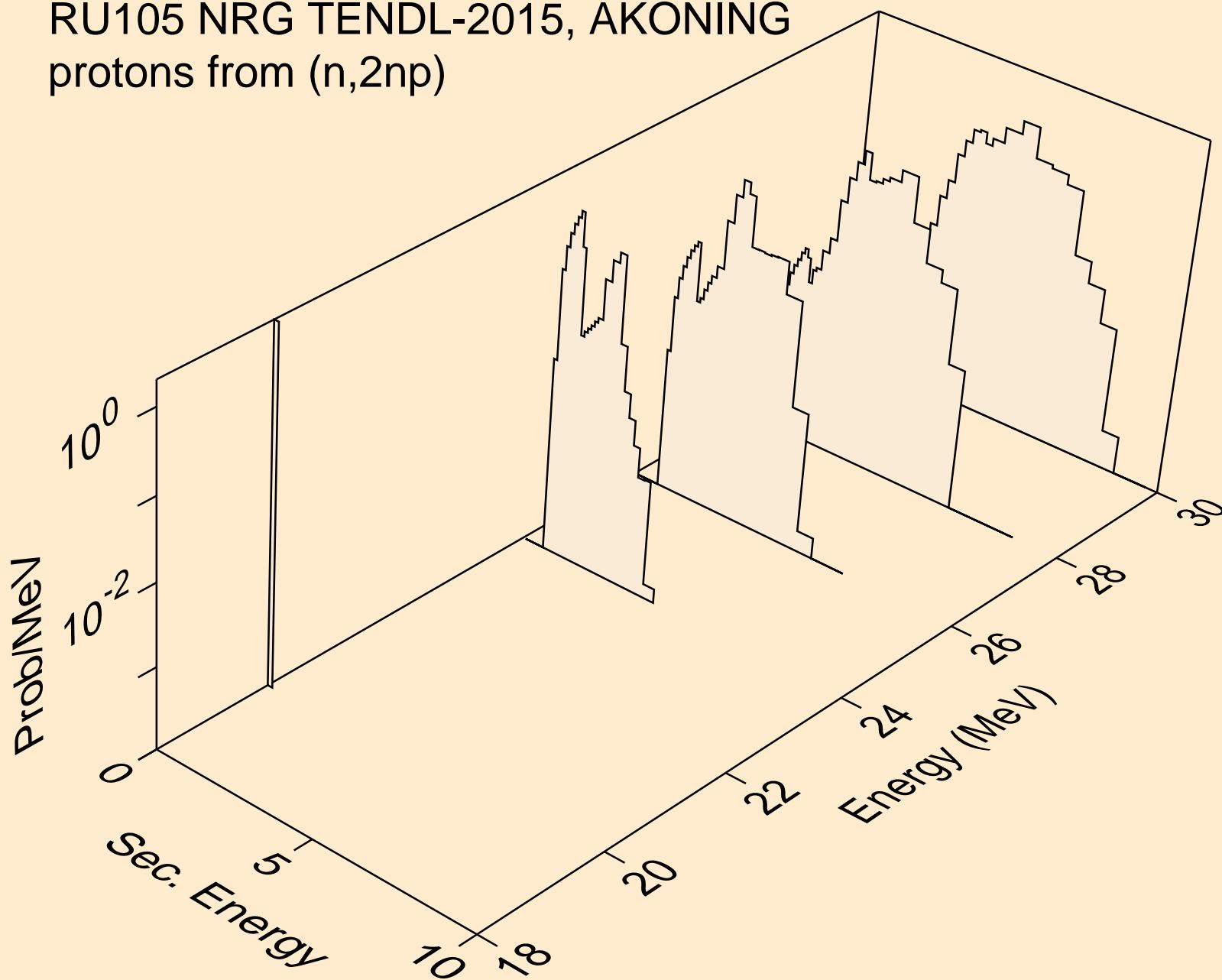
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protons from ( $n,2np$ )



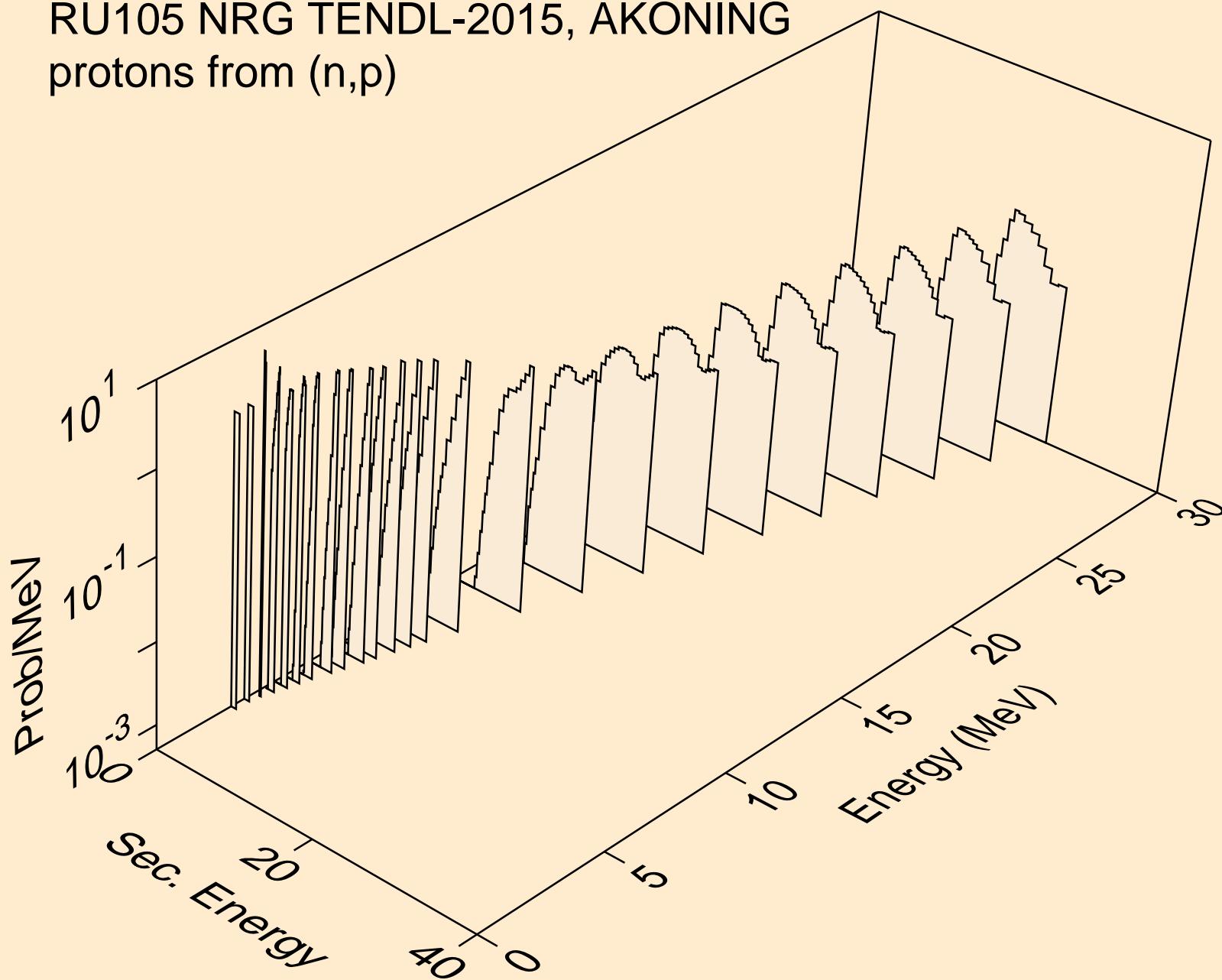
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protons from ( $n,3np$ )



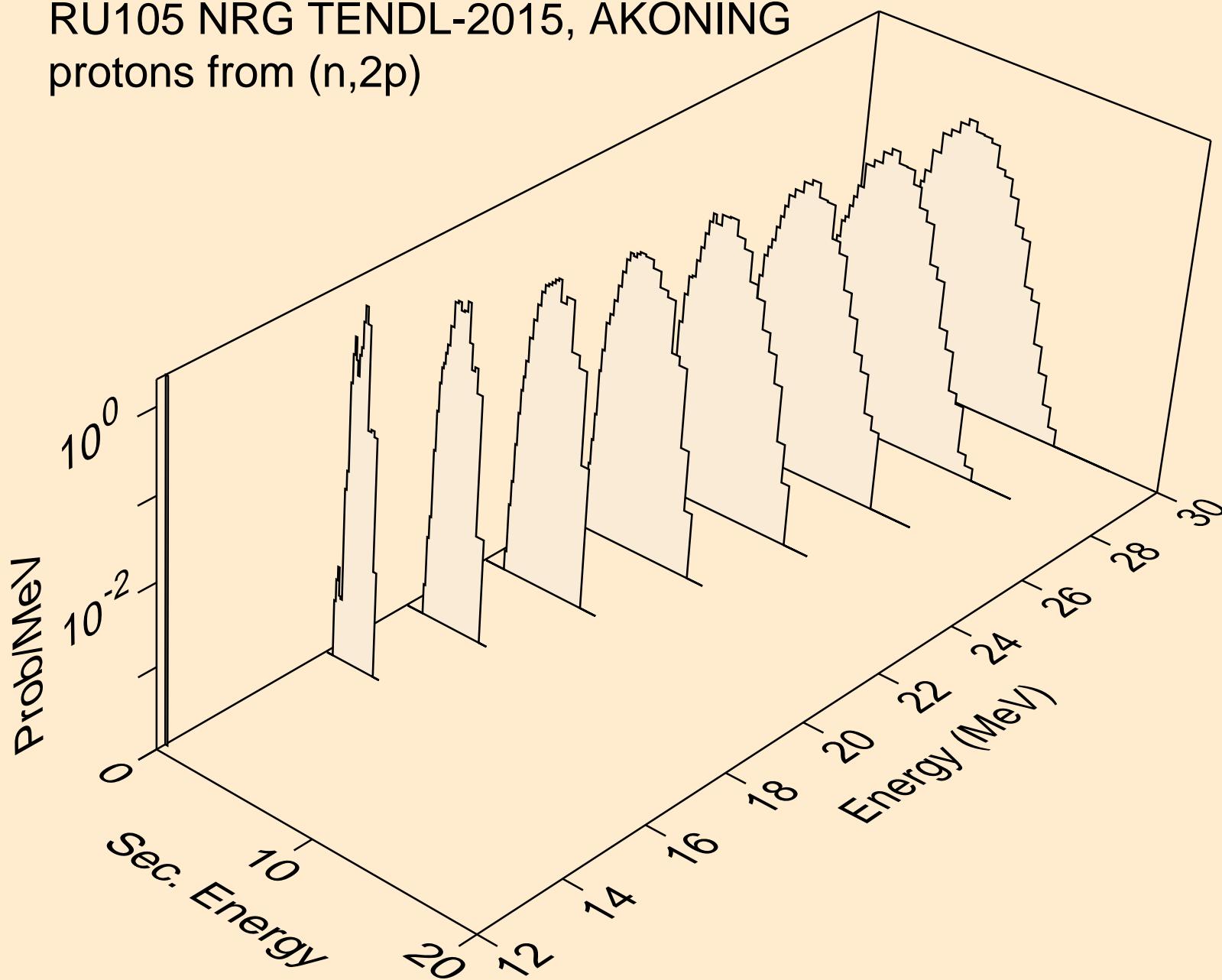
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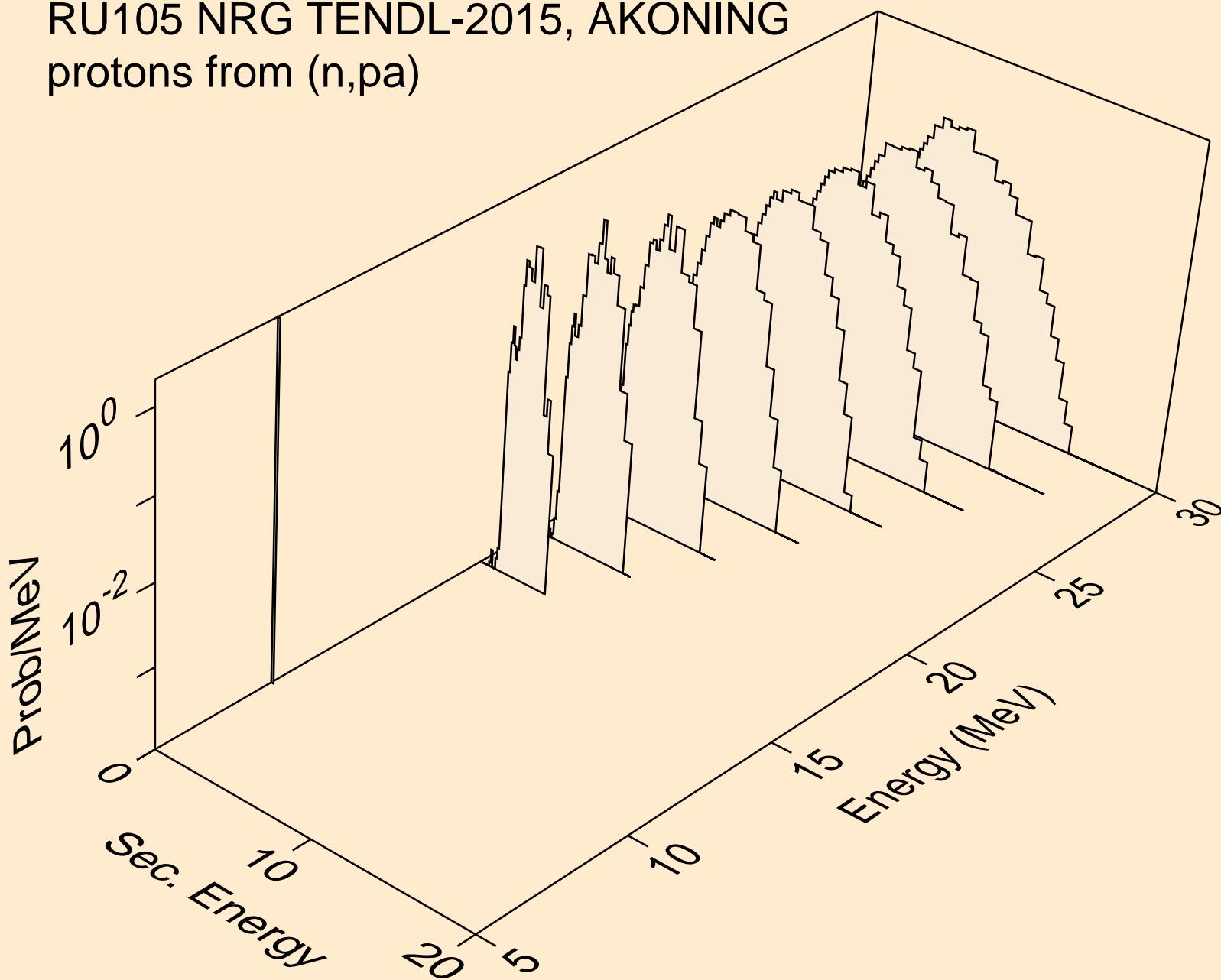
RU105 NRG TENDL-2015, AKONING  
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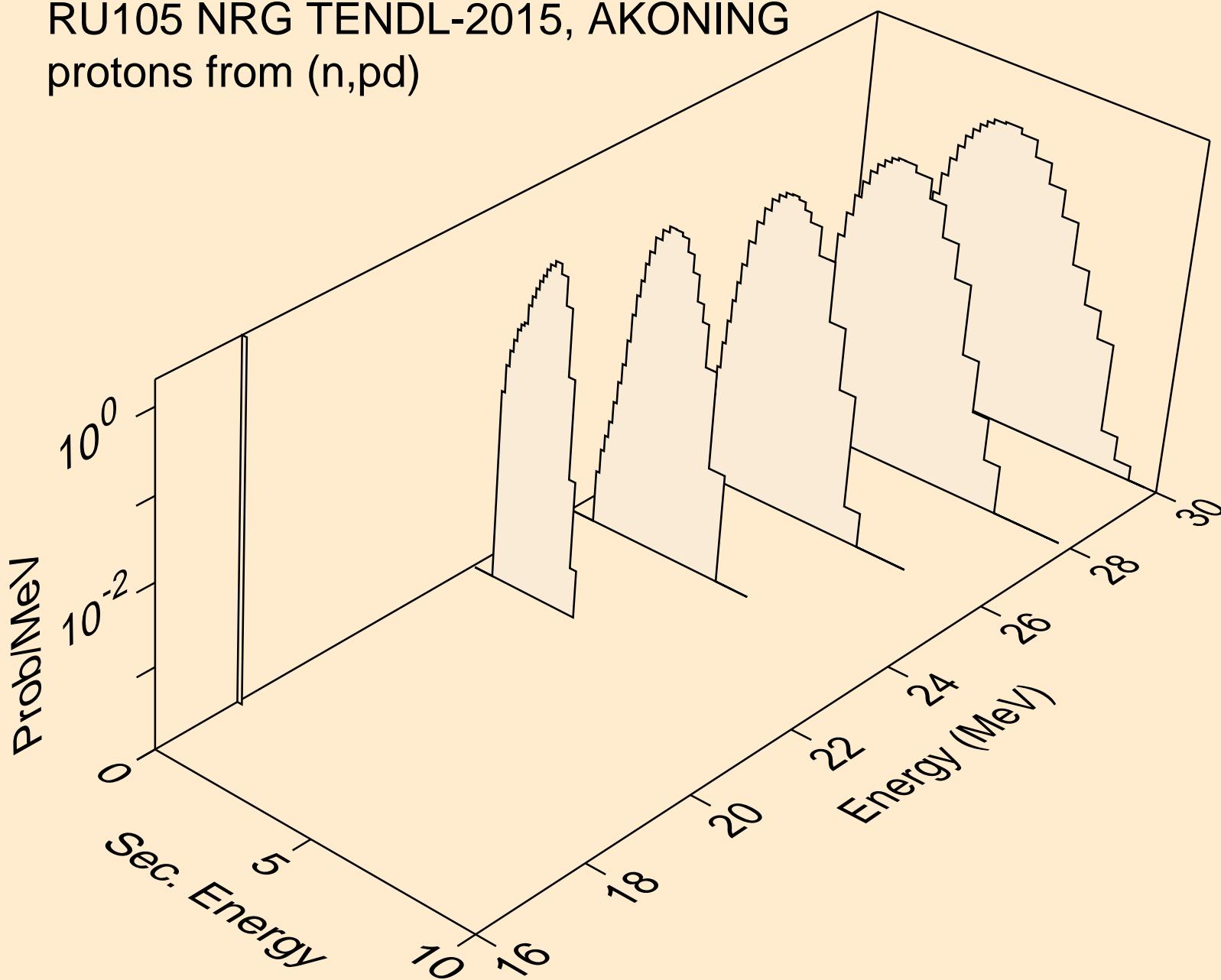
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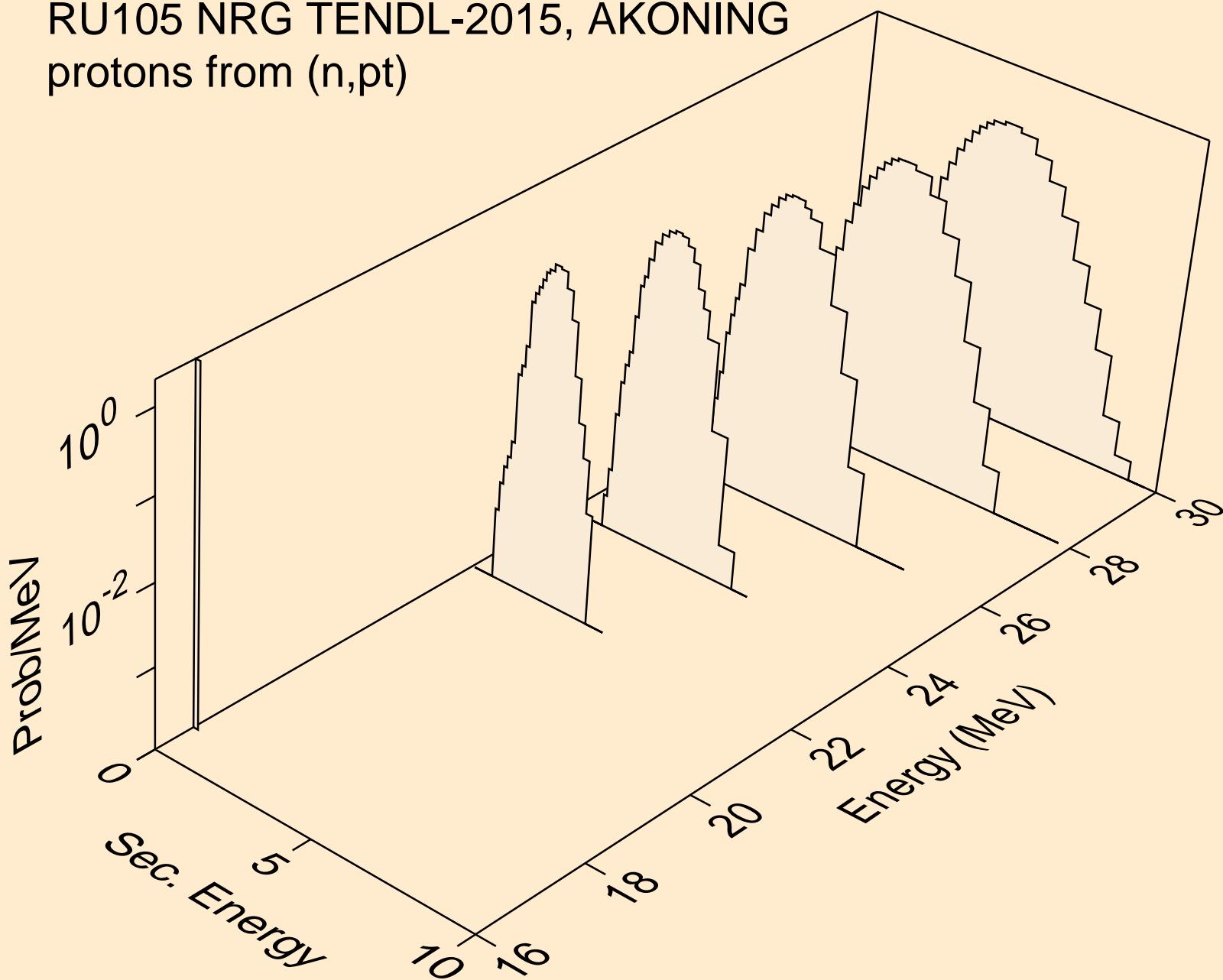
RU105 NRG TENDL-2015, AKONING  
protons from (n,pa)



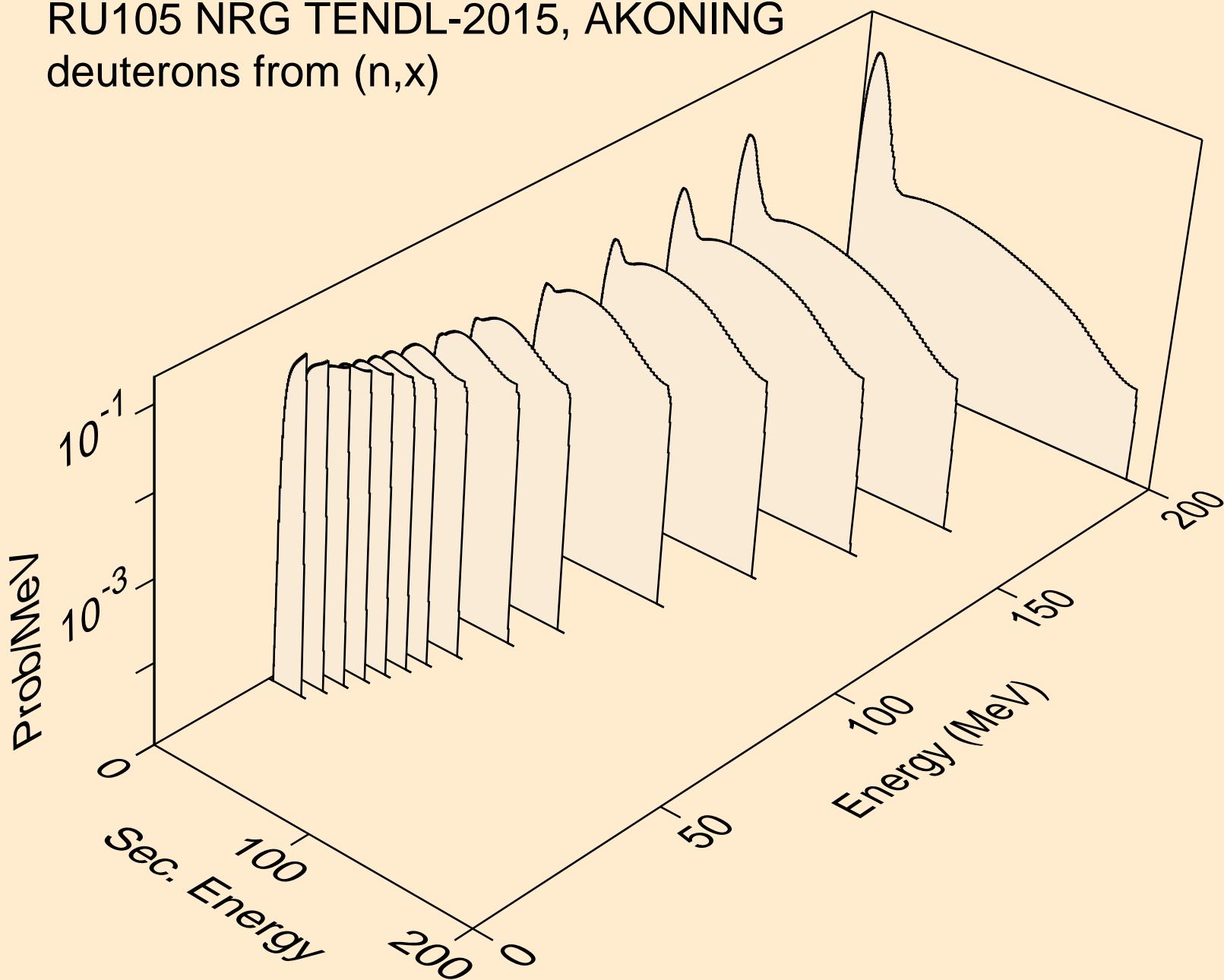
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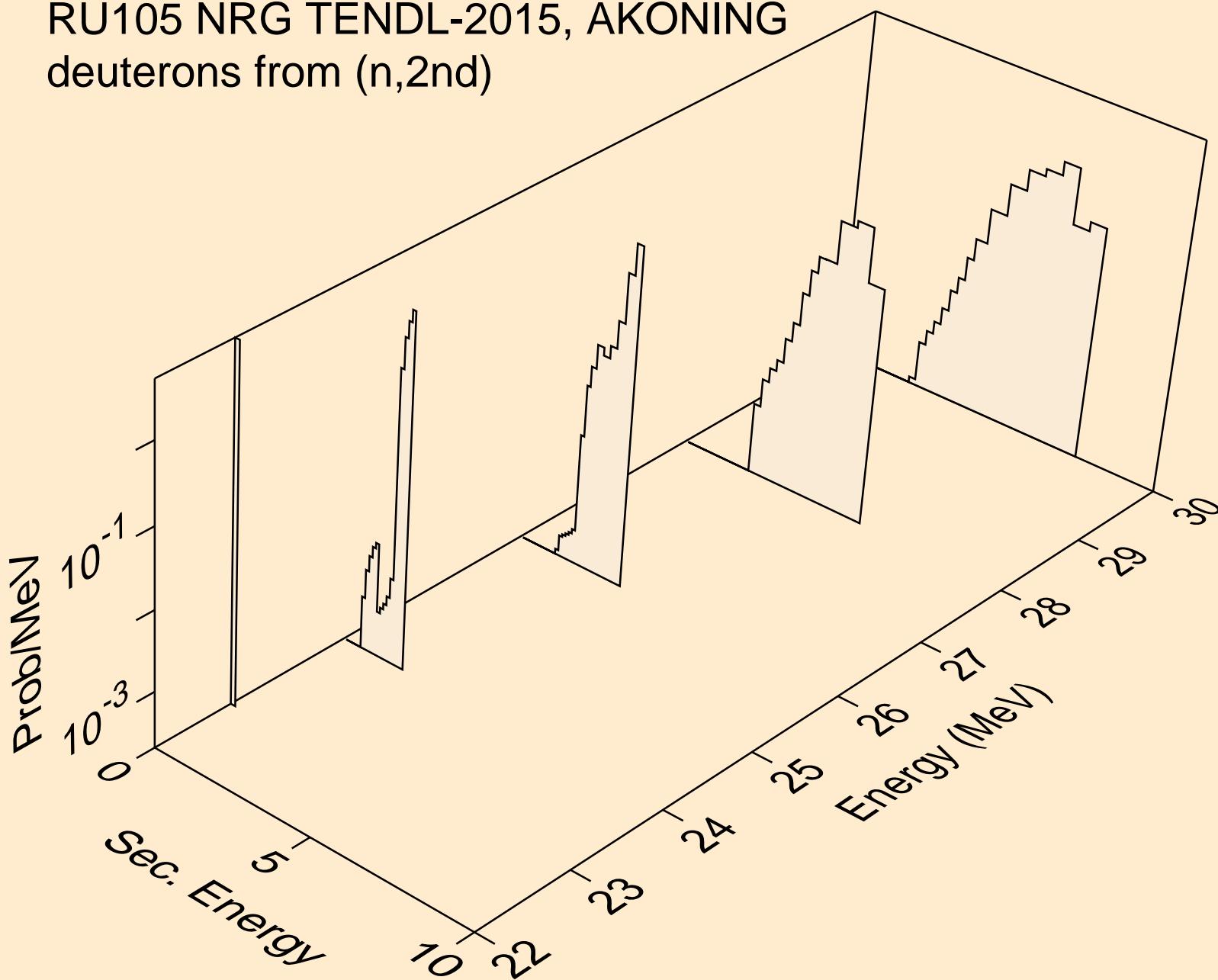
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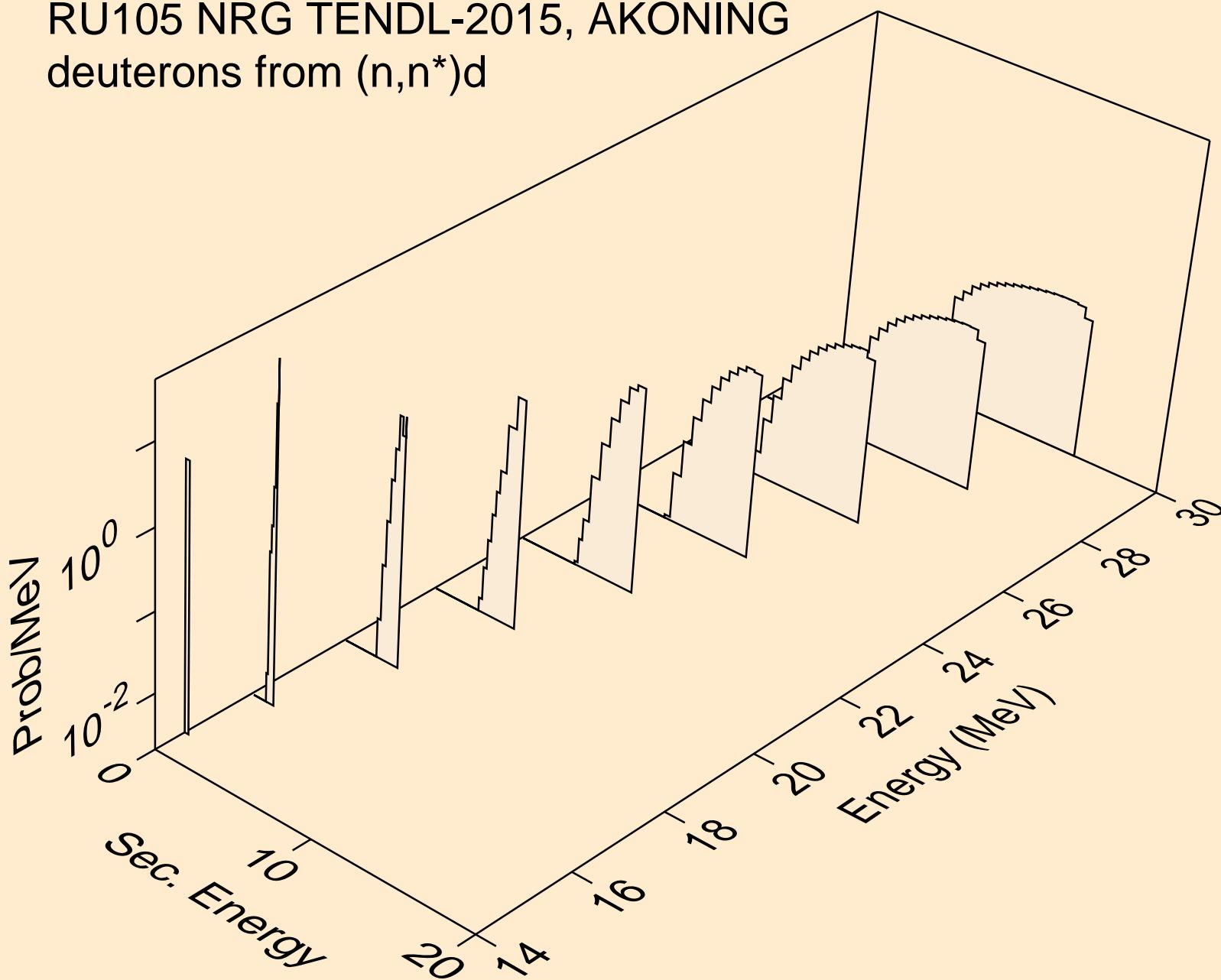
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deuterons from ( $n, x$ )



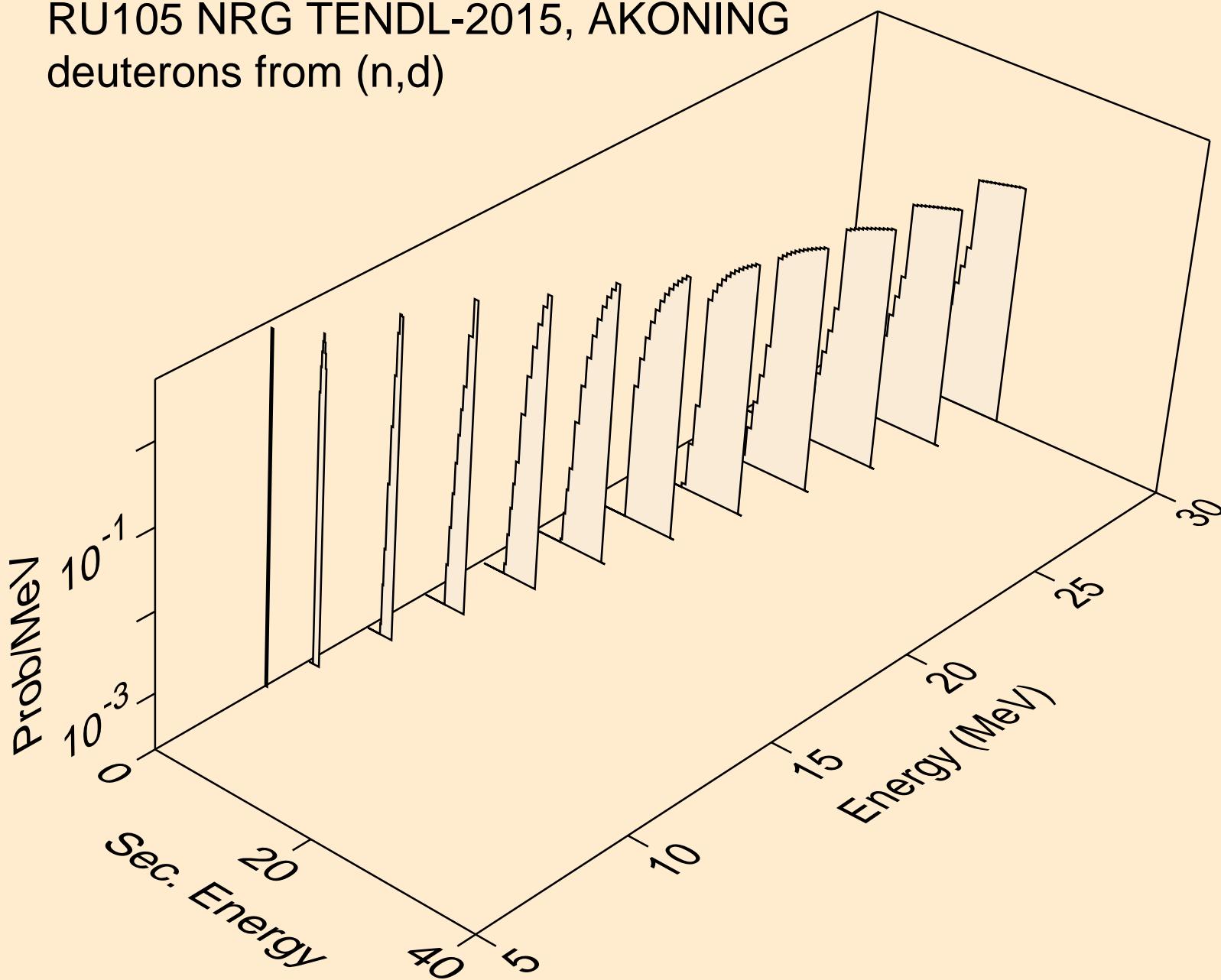
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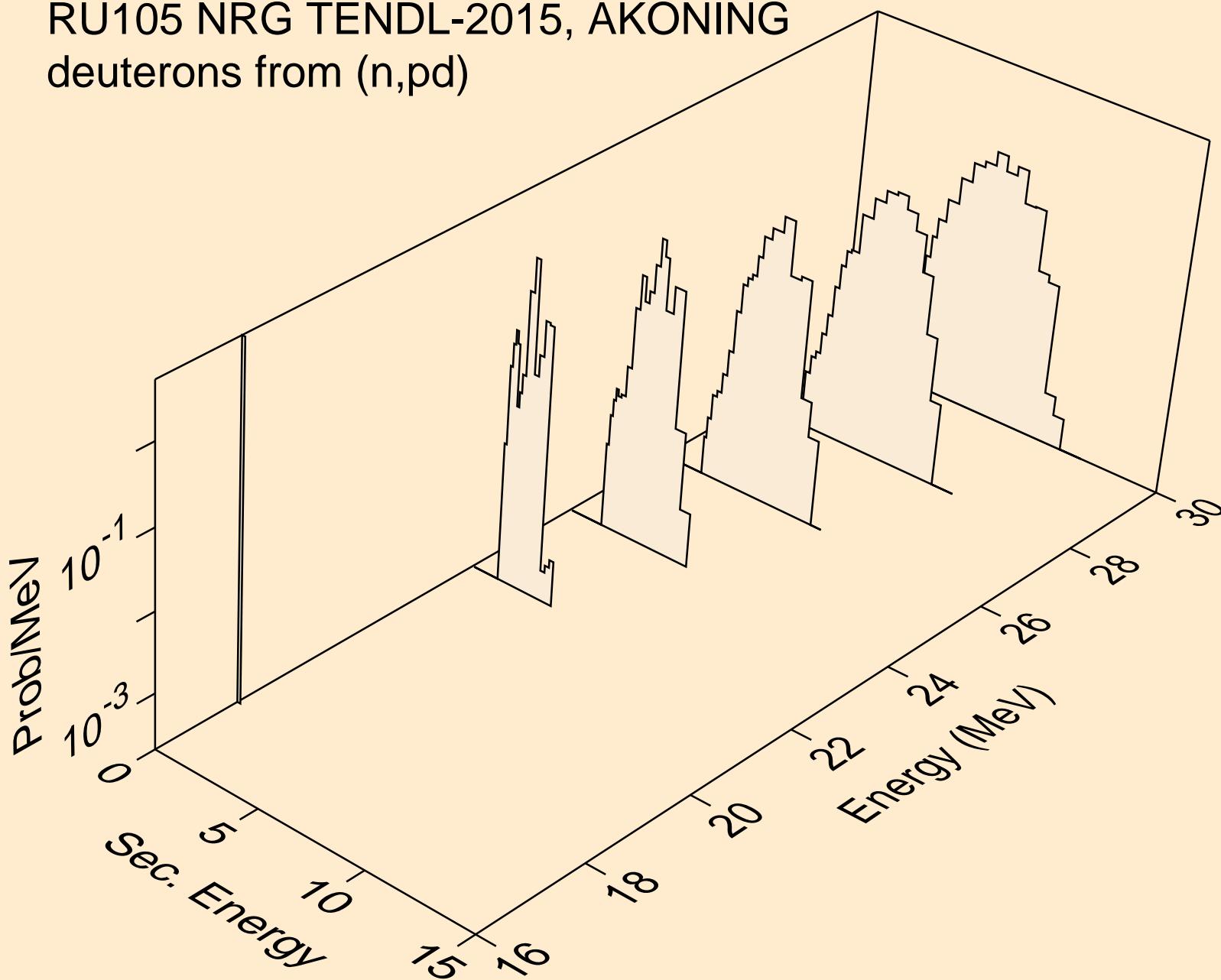
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deuterons from  $(n,n^*)d$



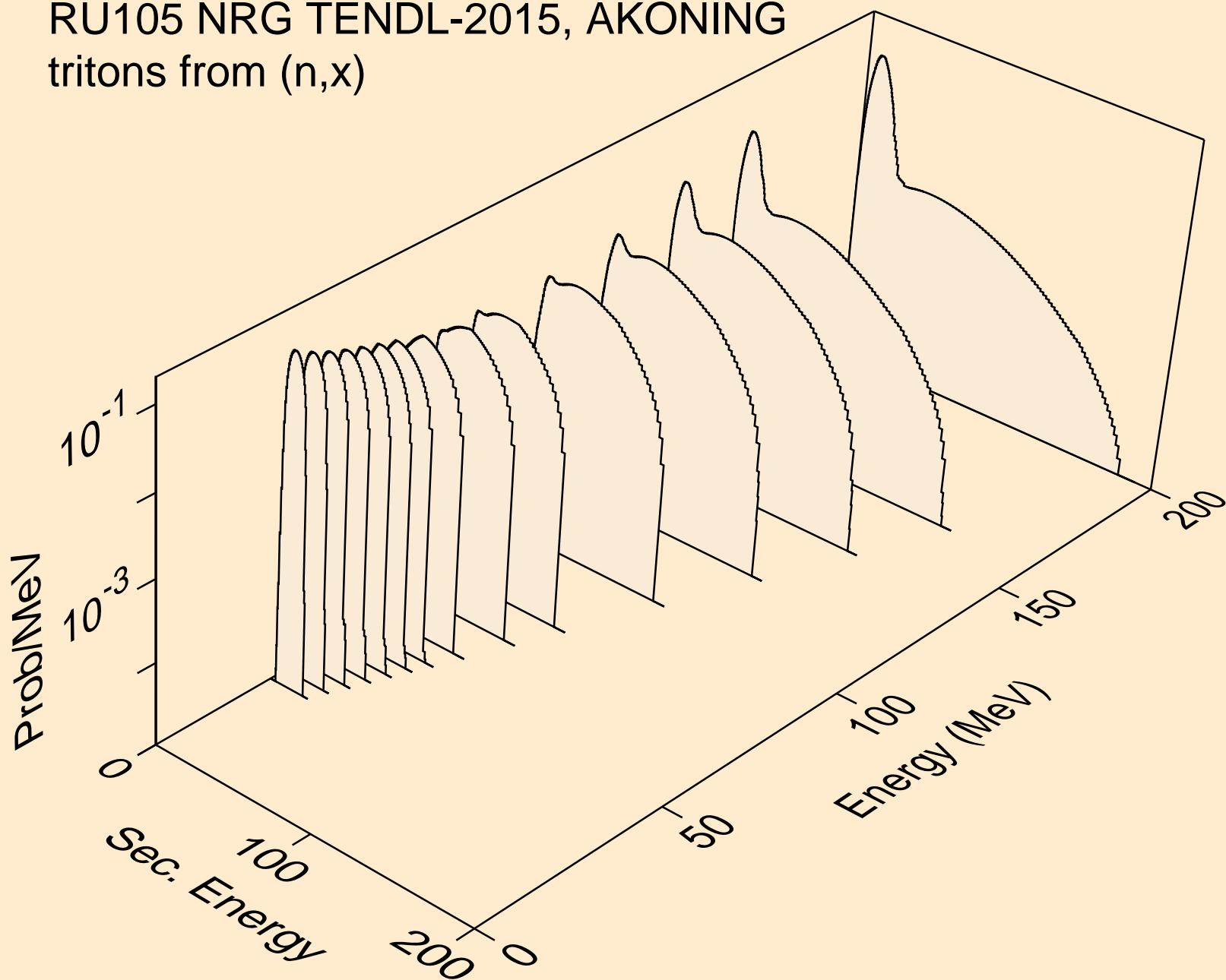
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deuterons from ( $n, d$ )



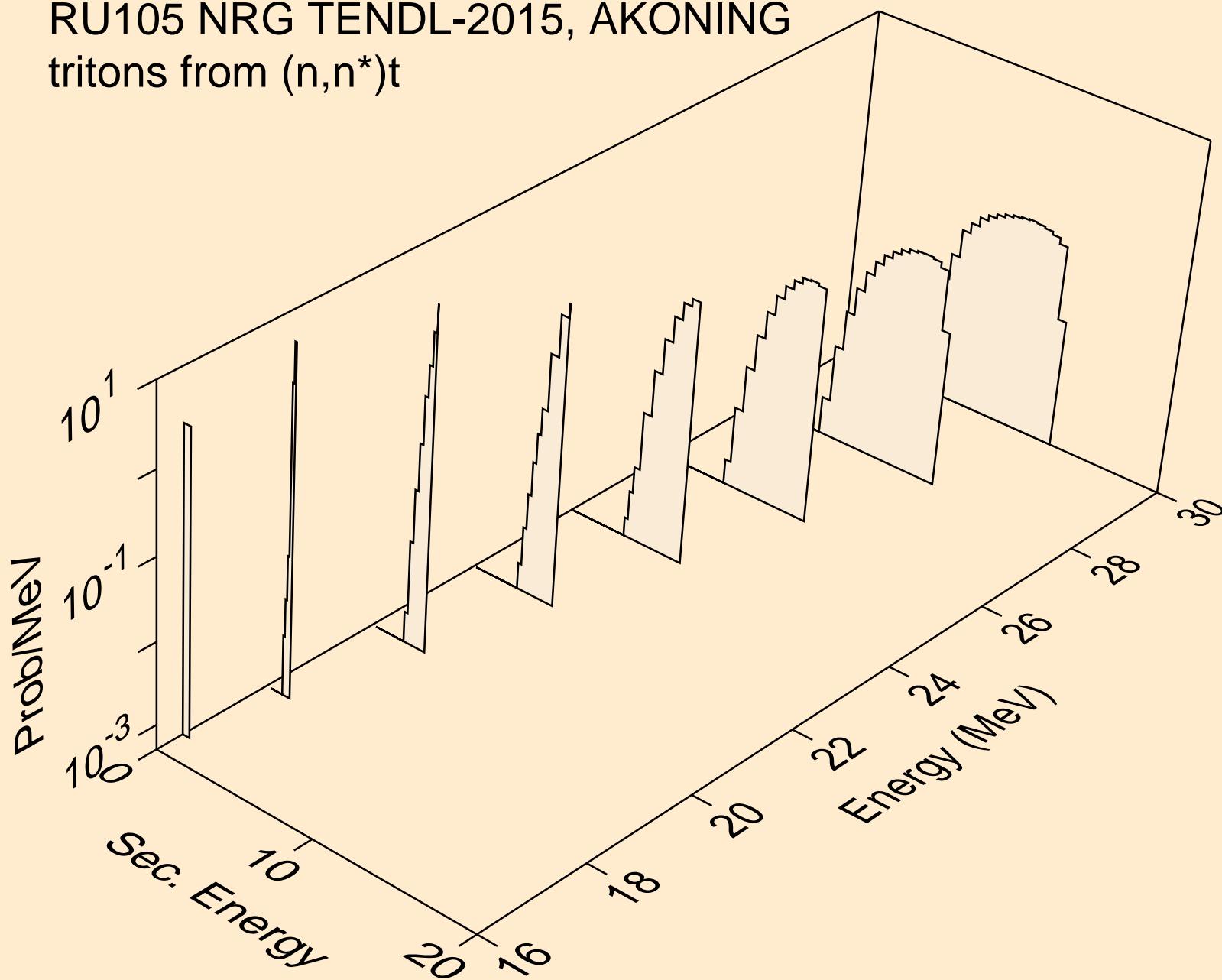
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deuterons from (n,pd)



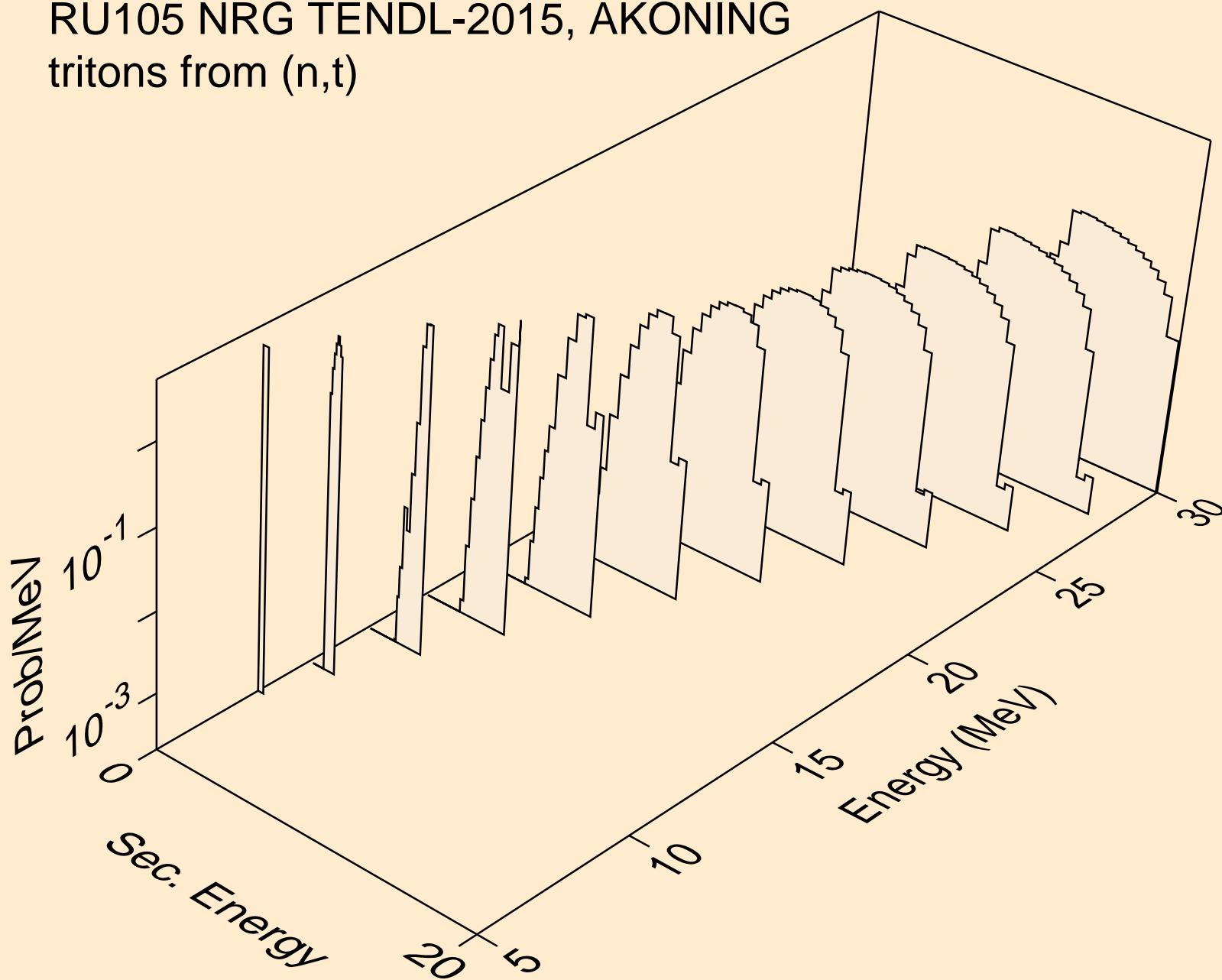
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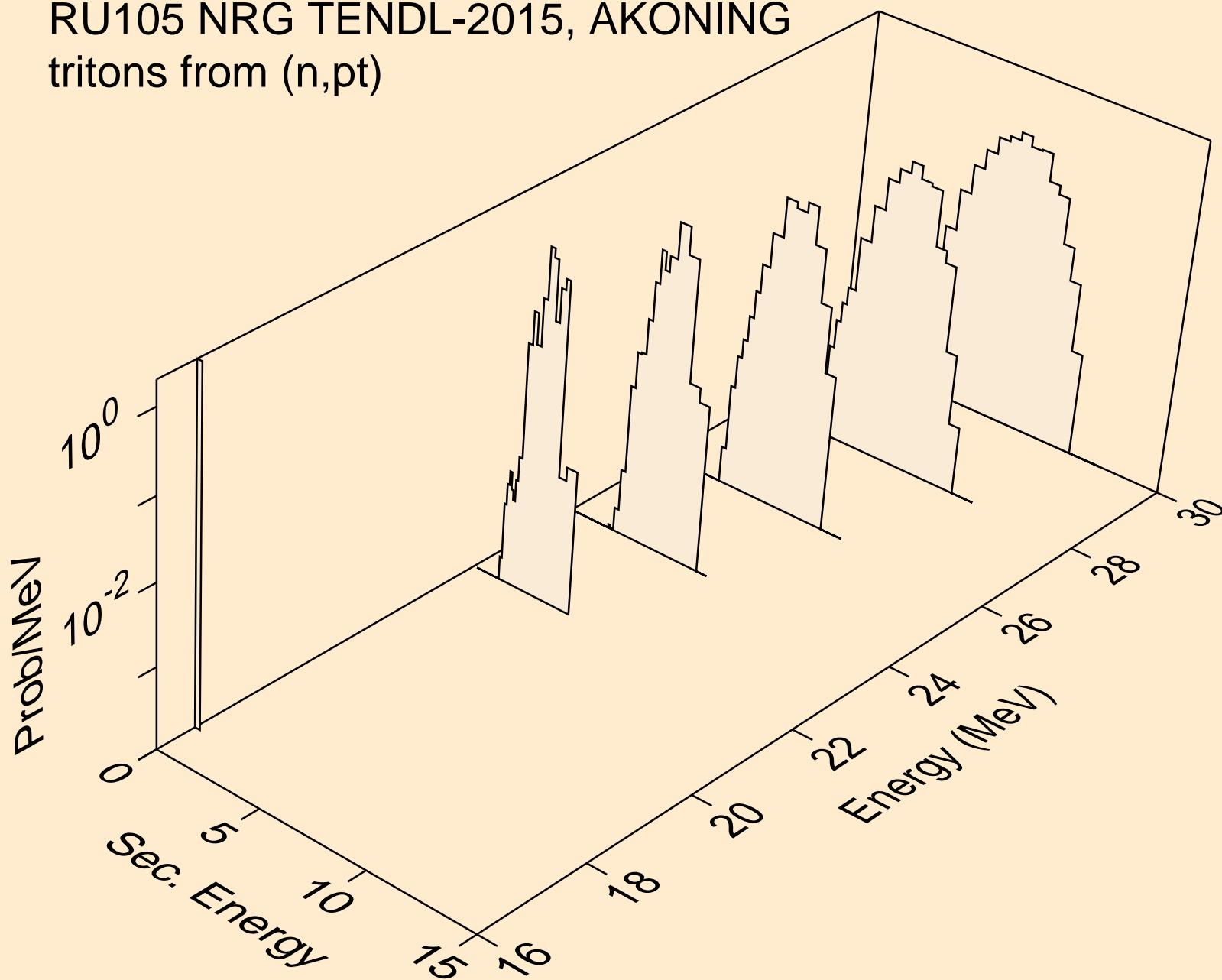
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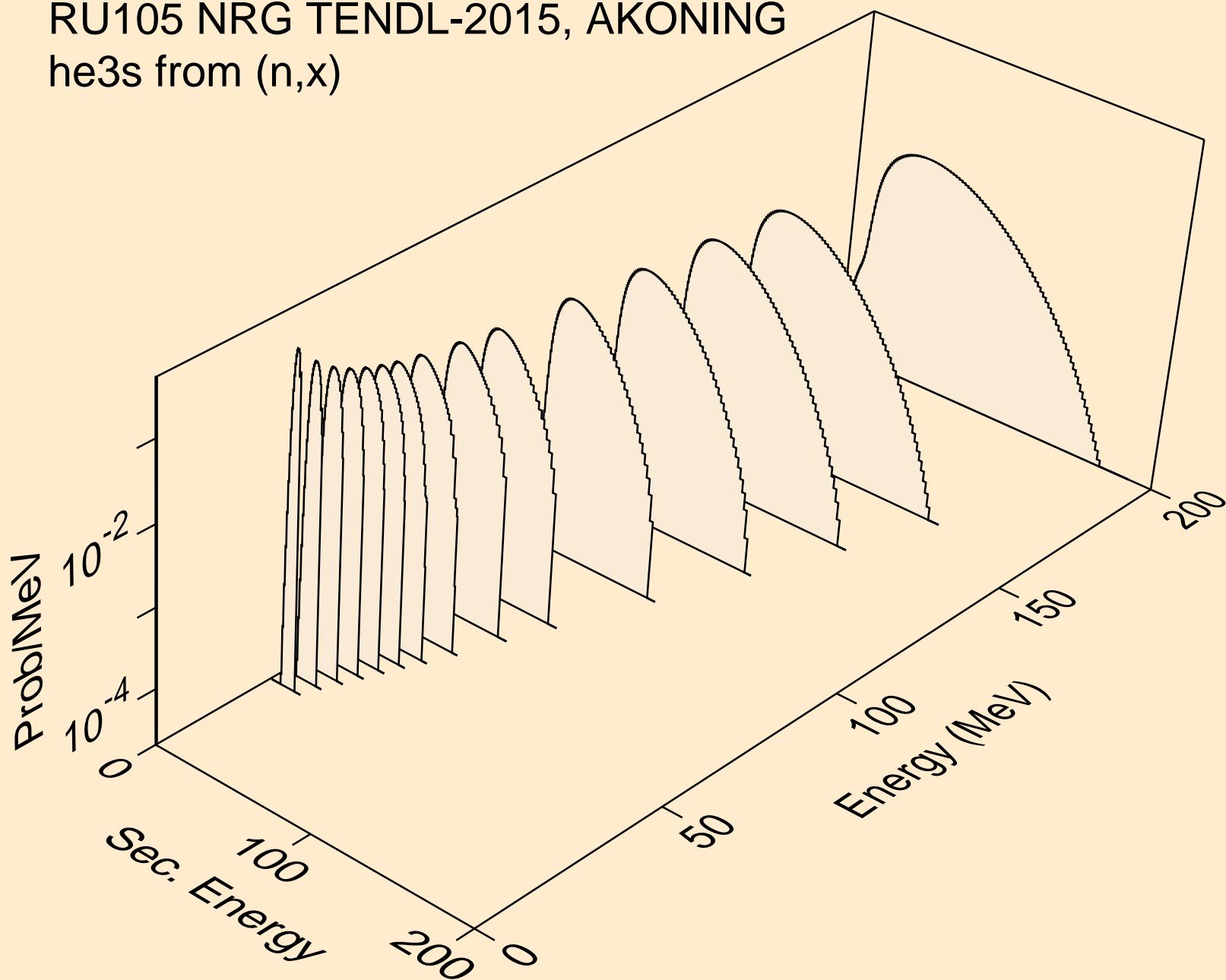
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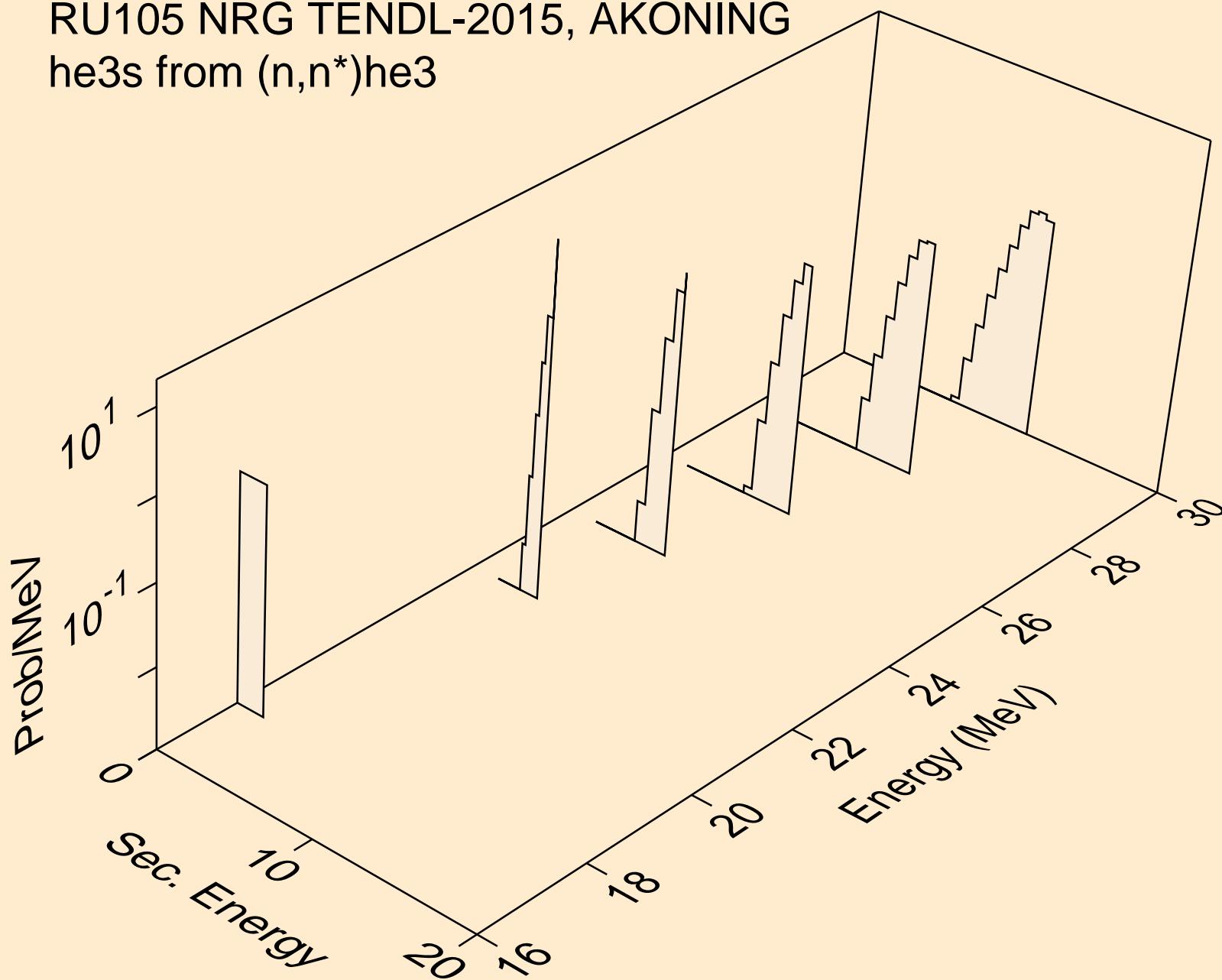
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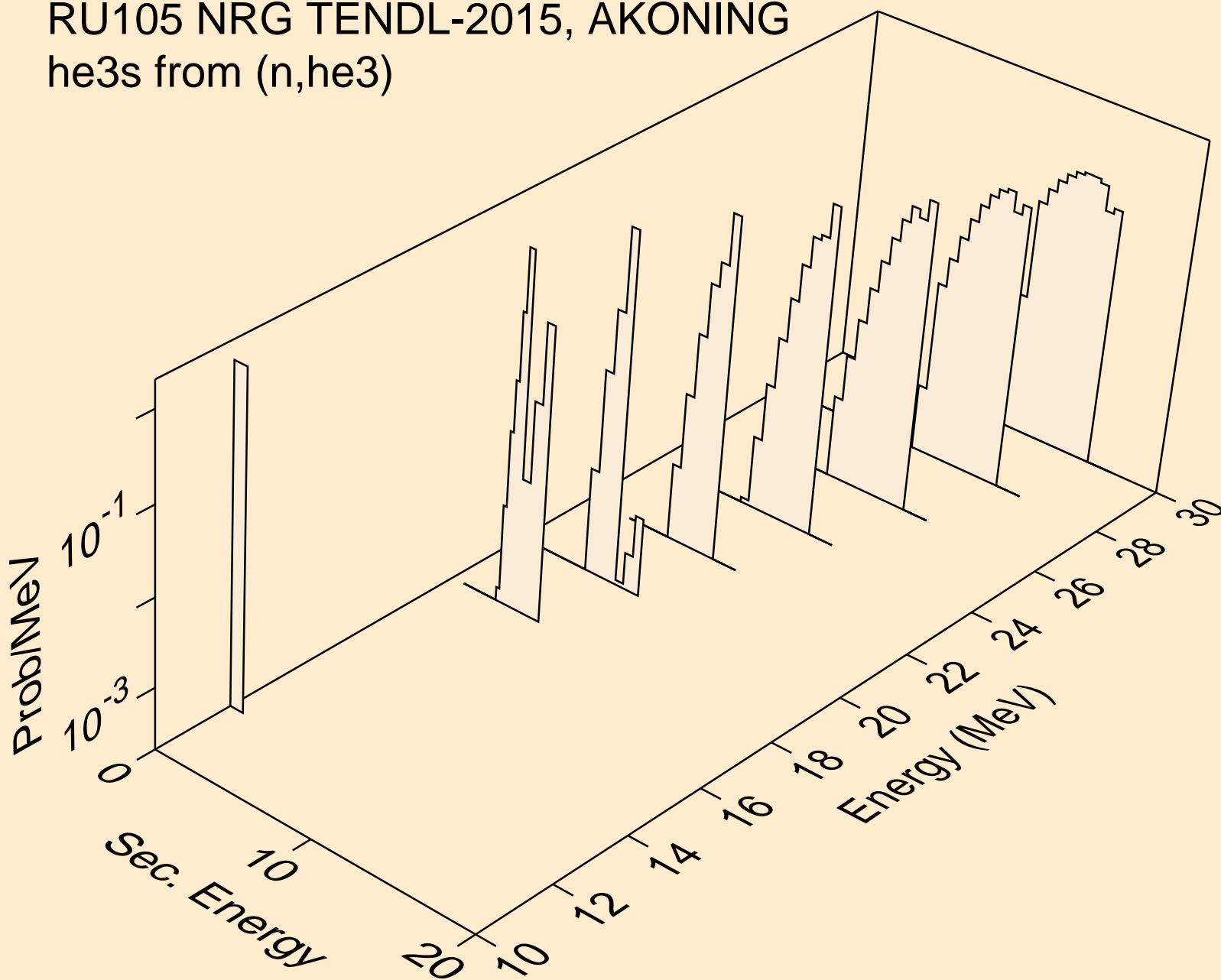
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he3s from (n,x)



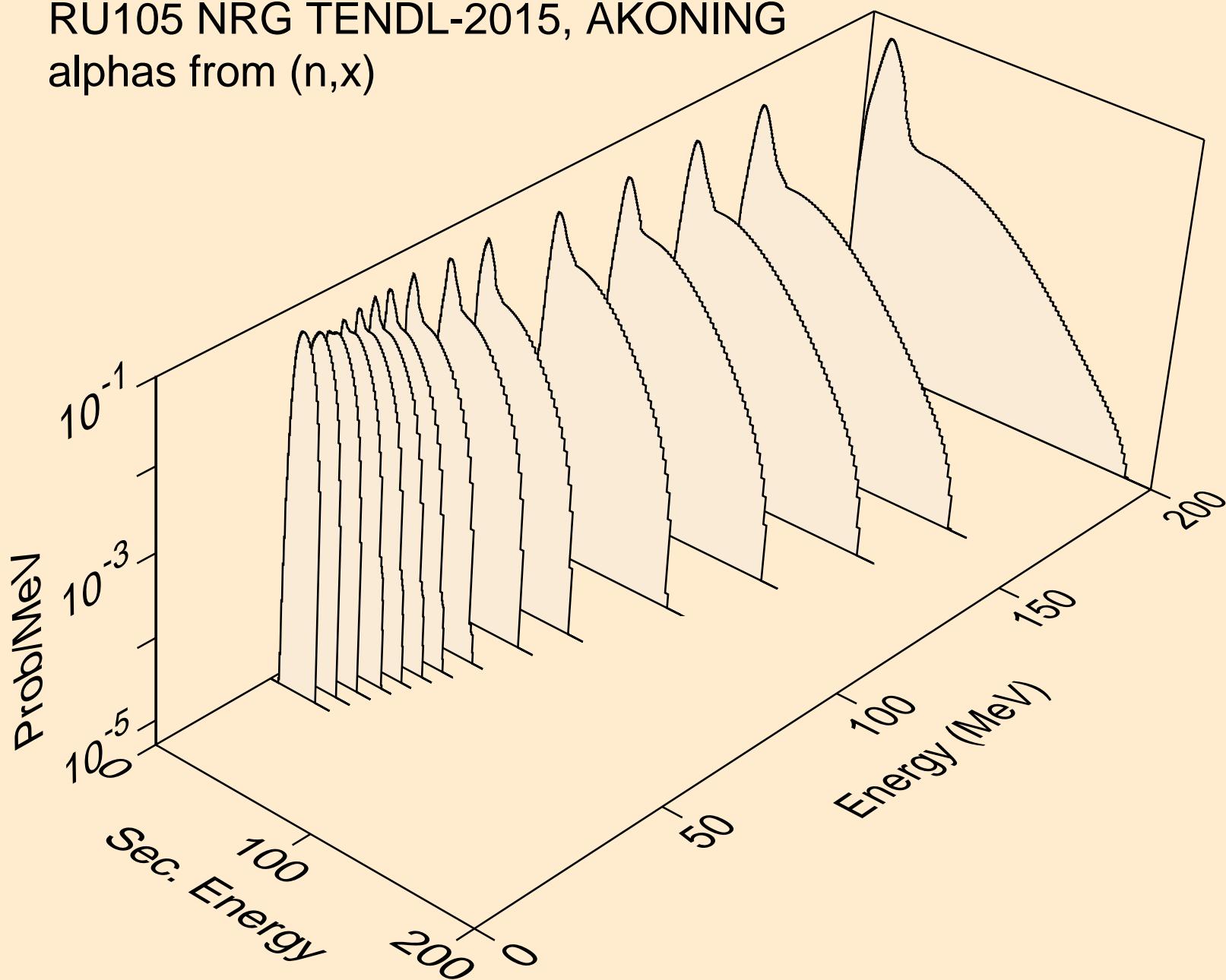
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he3s from  $(n,n^*)\text{he3}$



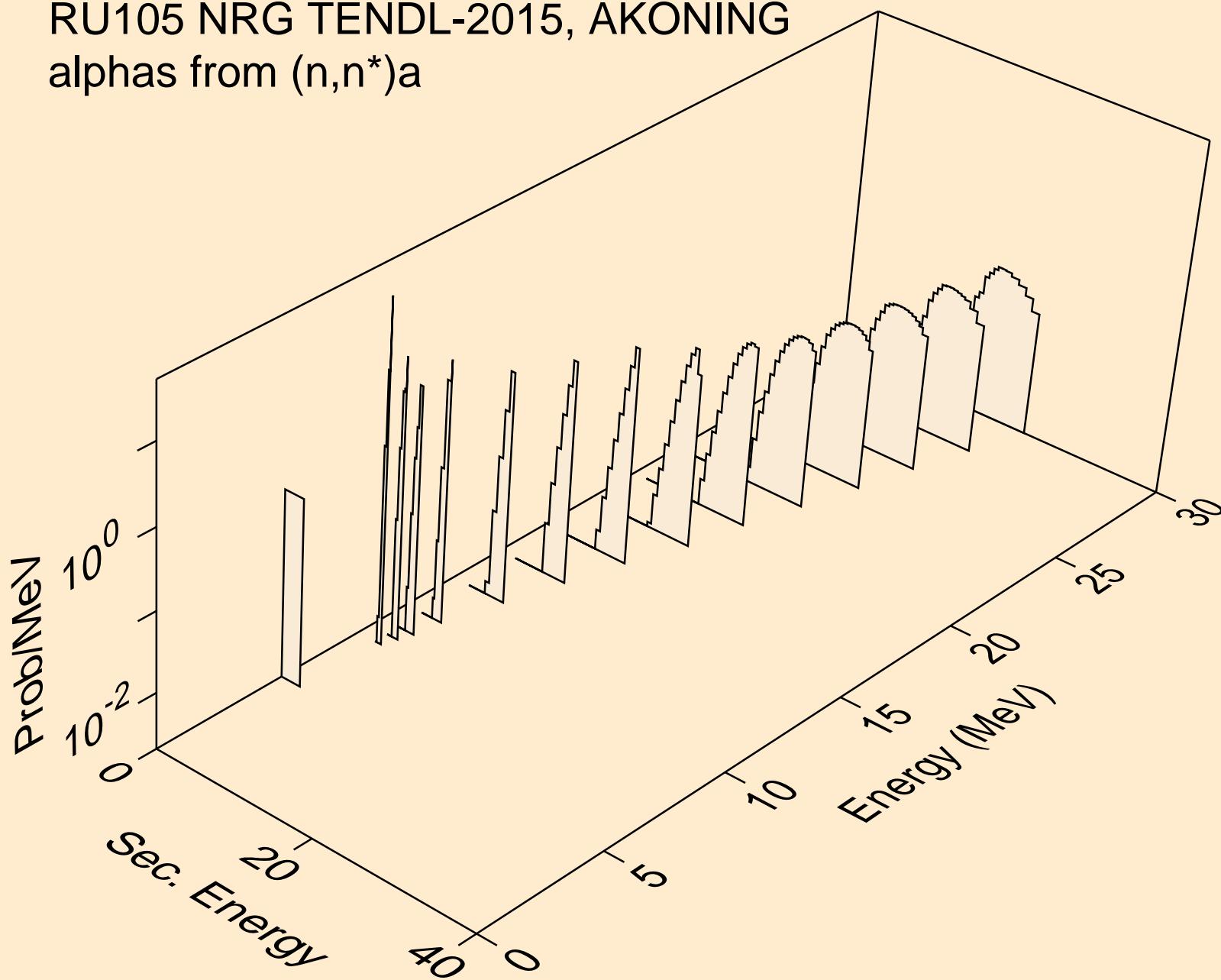
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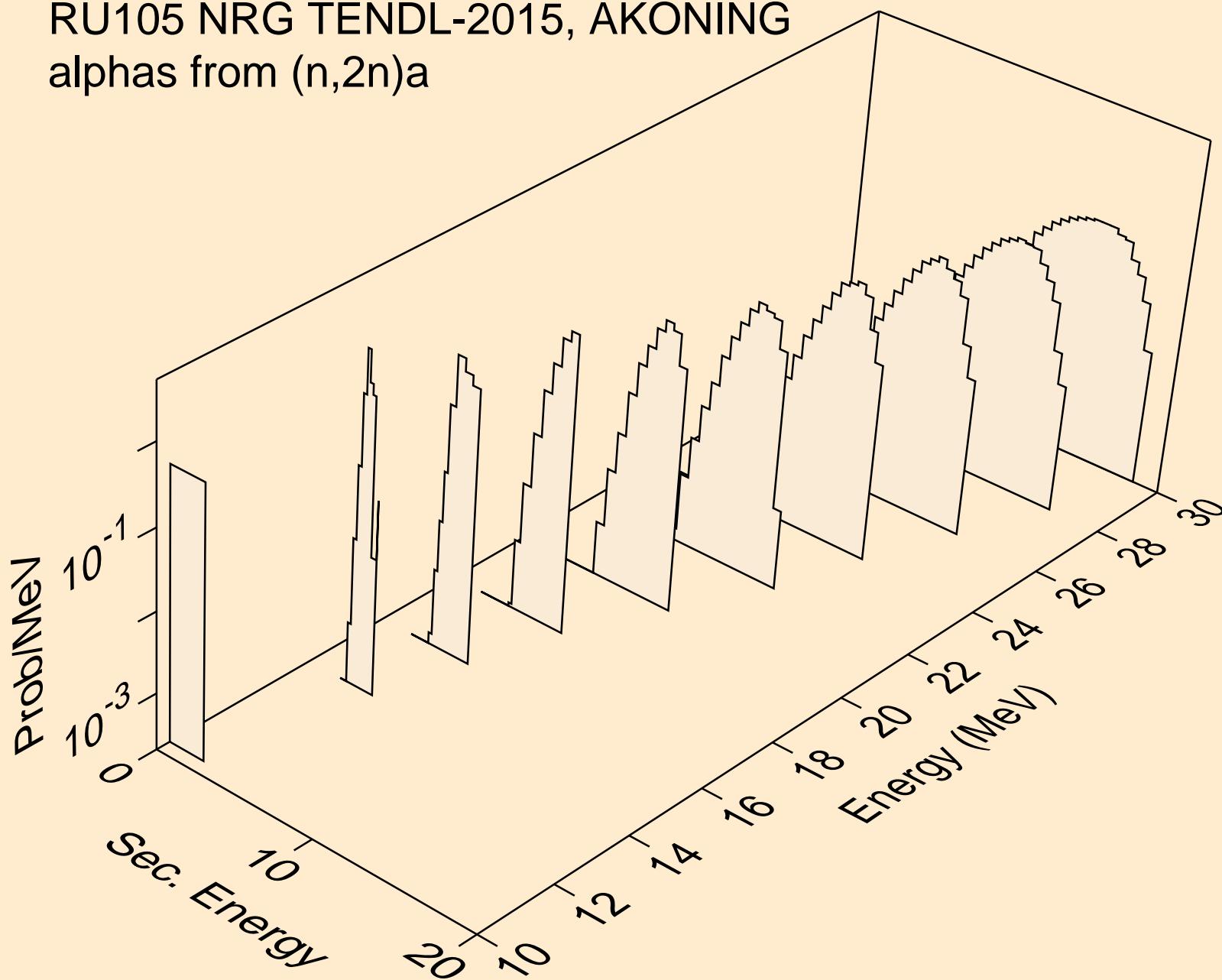
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alphas from (n,x)



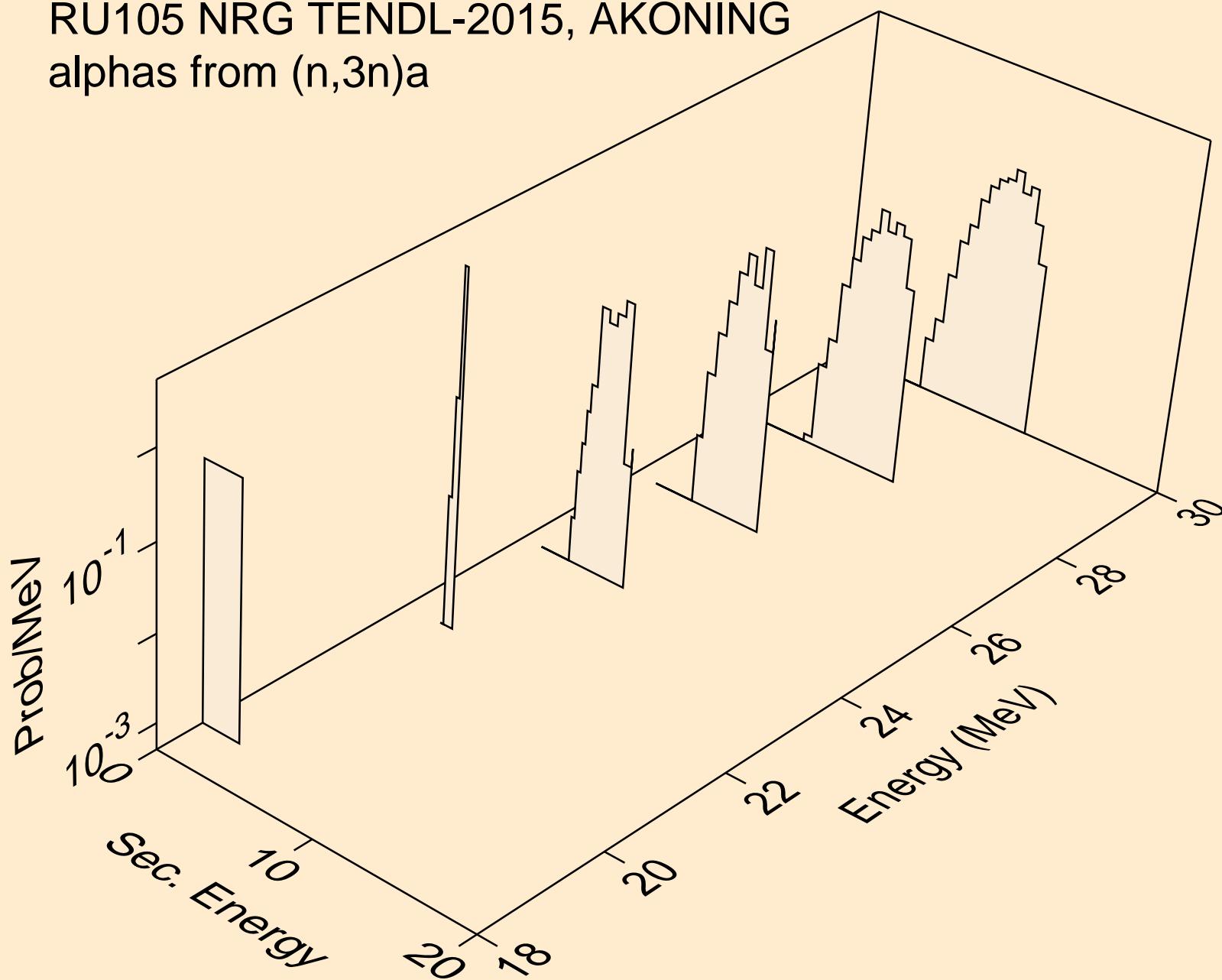
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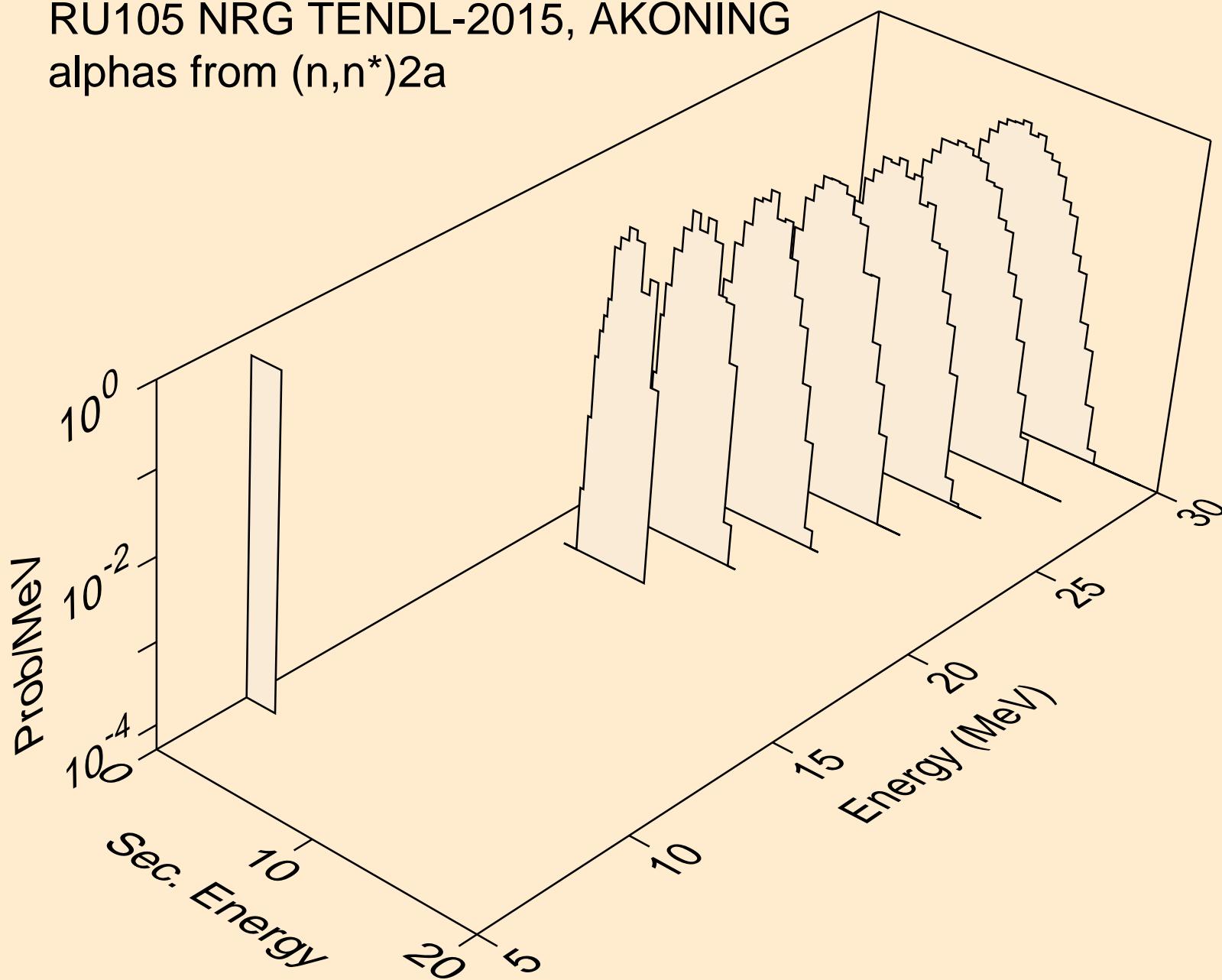
RU105 NRG TENDL-2015, AKONING  
alphas from ( $n,2n$ )a



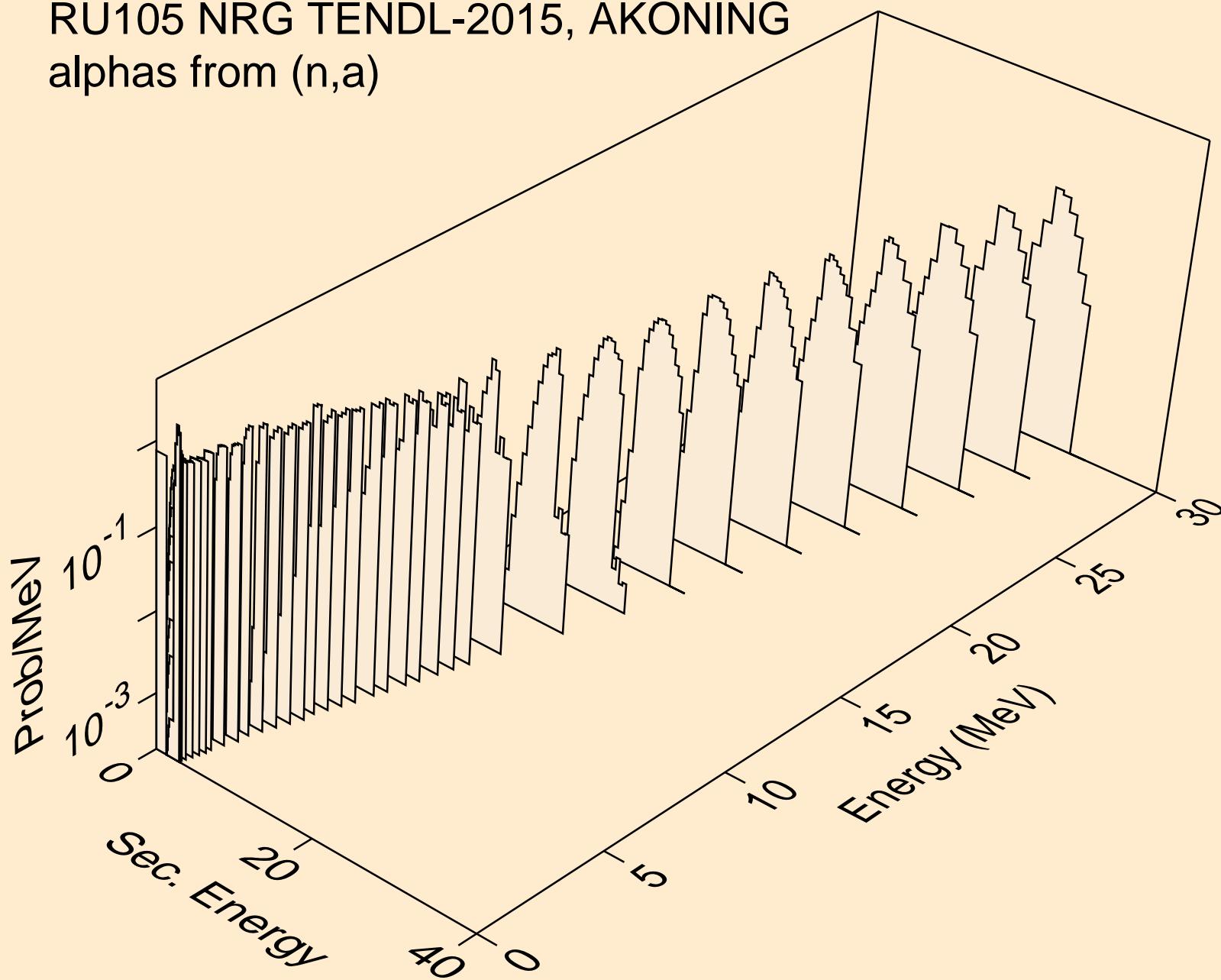
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alphas from  $(n,3n)a$



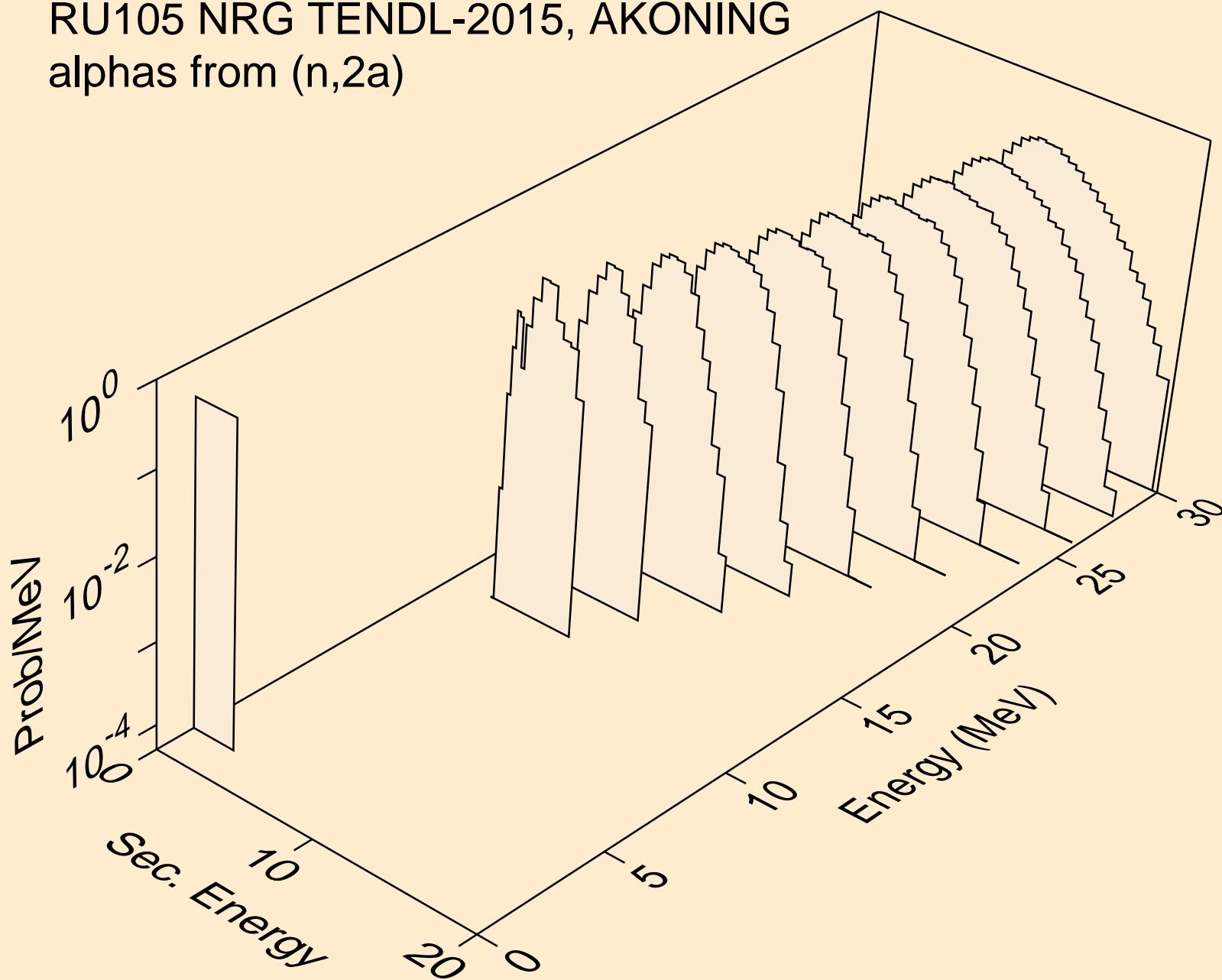
RU105 NRG TENDL-2015, AKONING  
alphas from  $(n,n^*)2a$



RU105 NRG TENDL-2015, AKONING  
alphas from (n,a)



RU105 NRG TENDL-2015, AKONING  
alphas from (n,2a)



RU105 NRG TENDL-2015, AKONING  
alphas from (n,pa)

