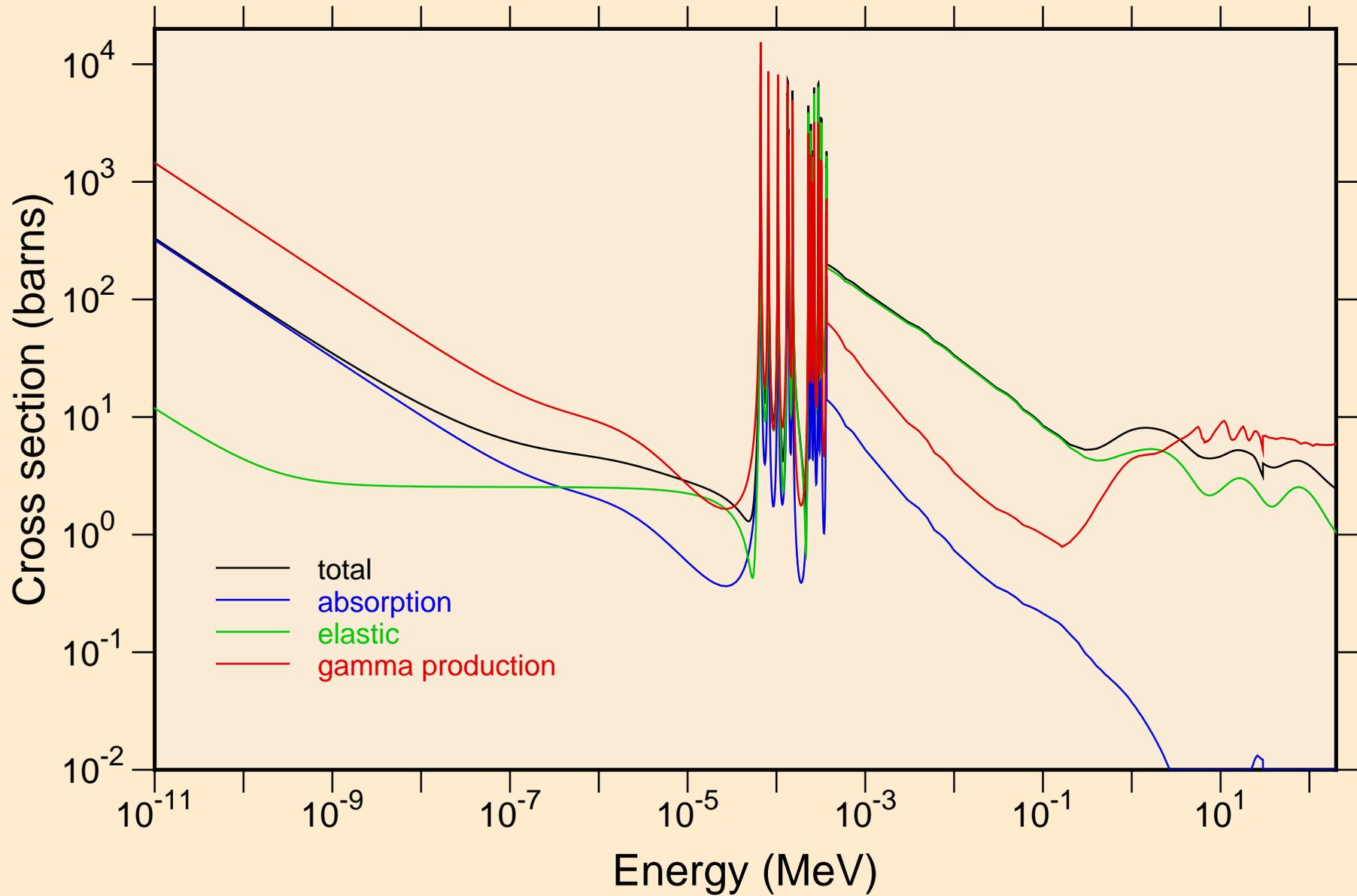
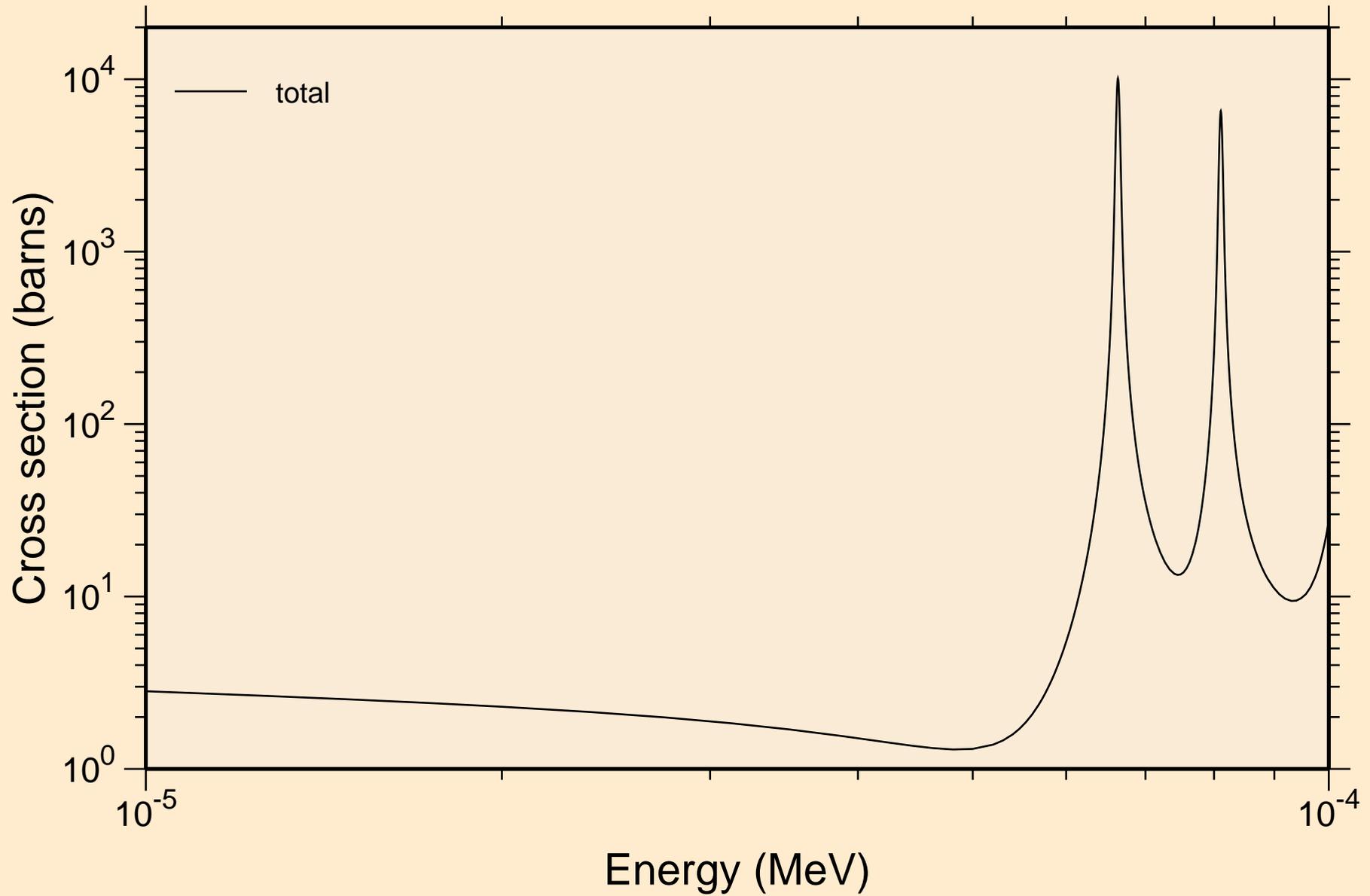


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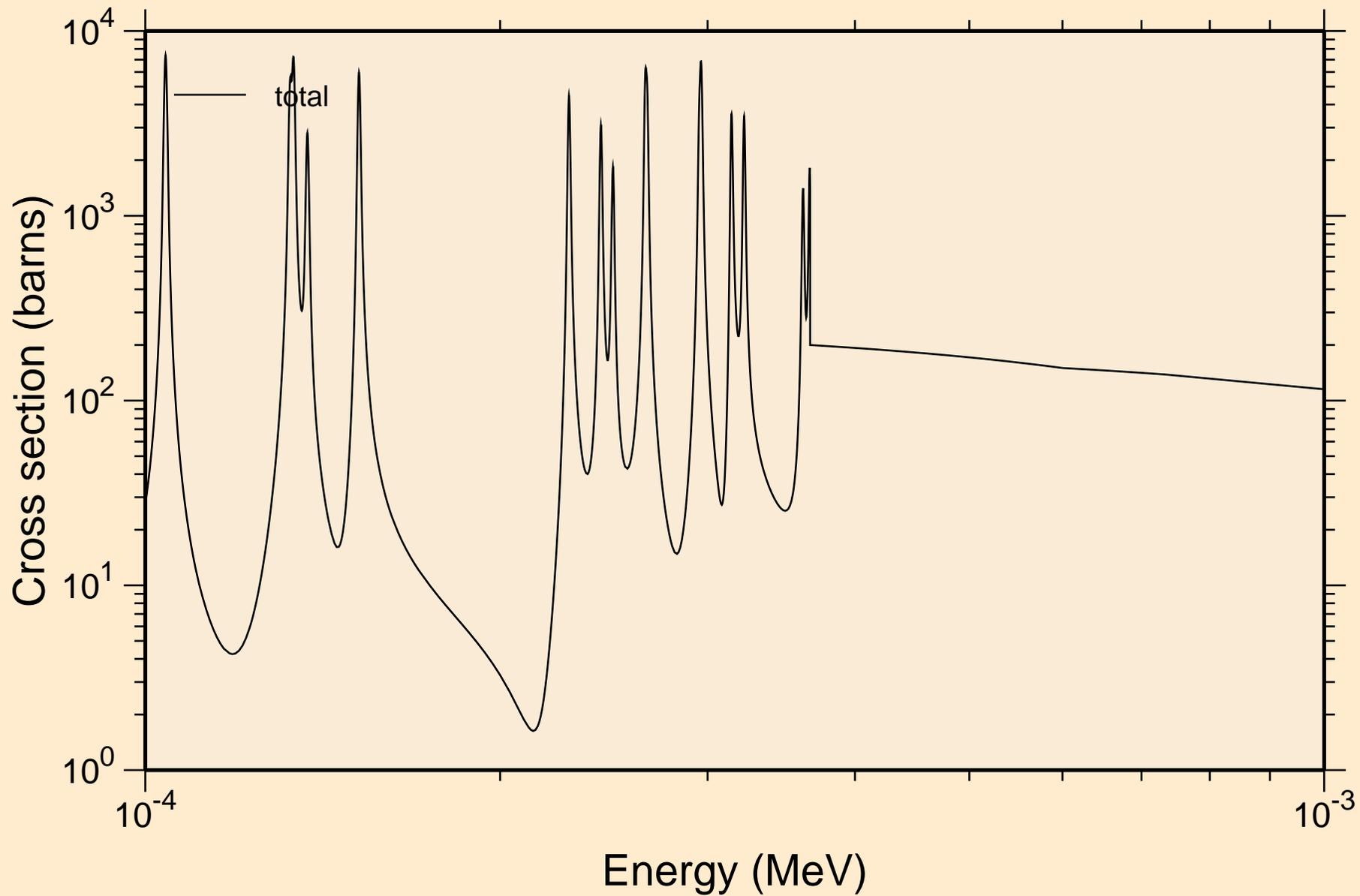
## Principal cross sections



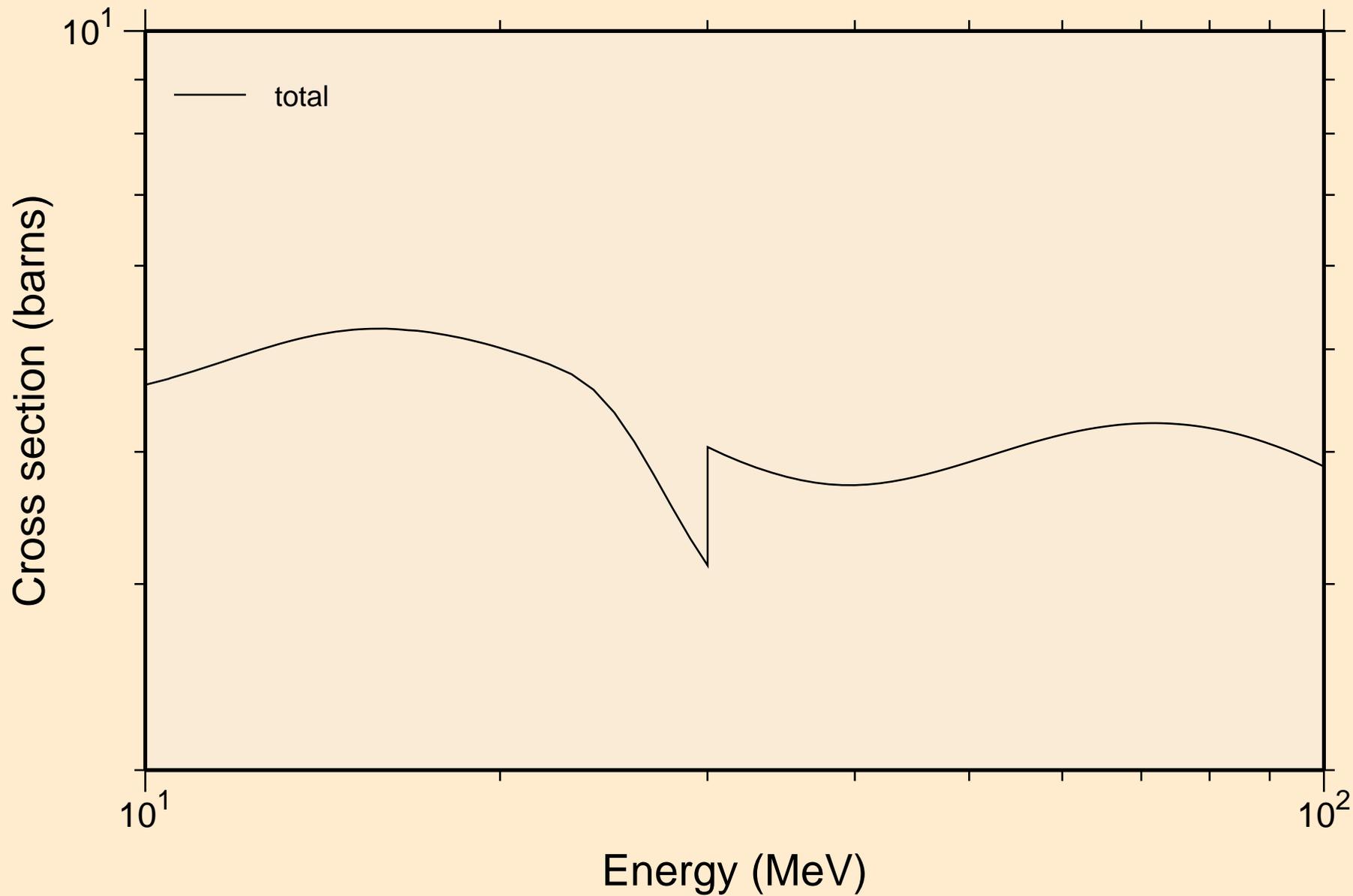
PM159 NRG TENDL-2015, AKONING  
resonance total cross section



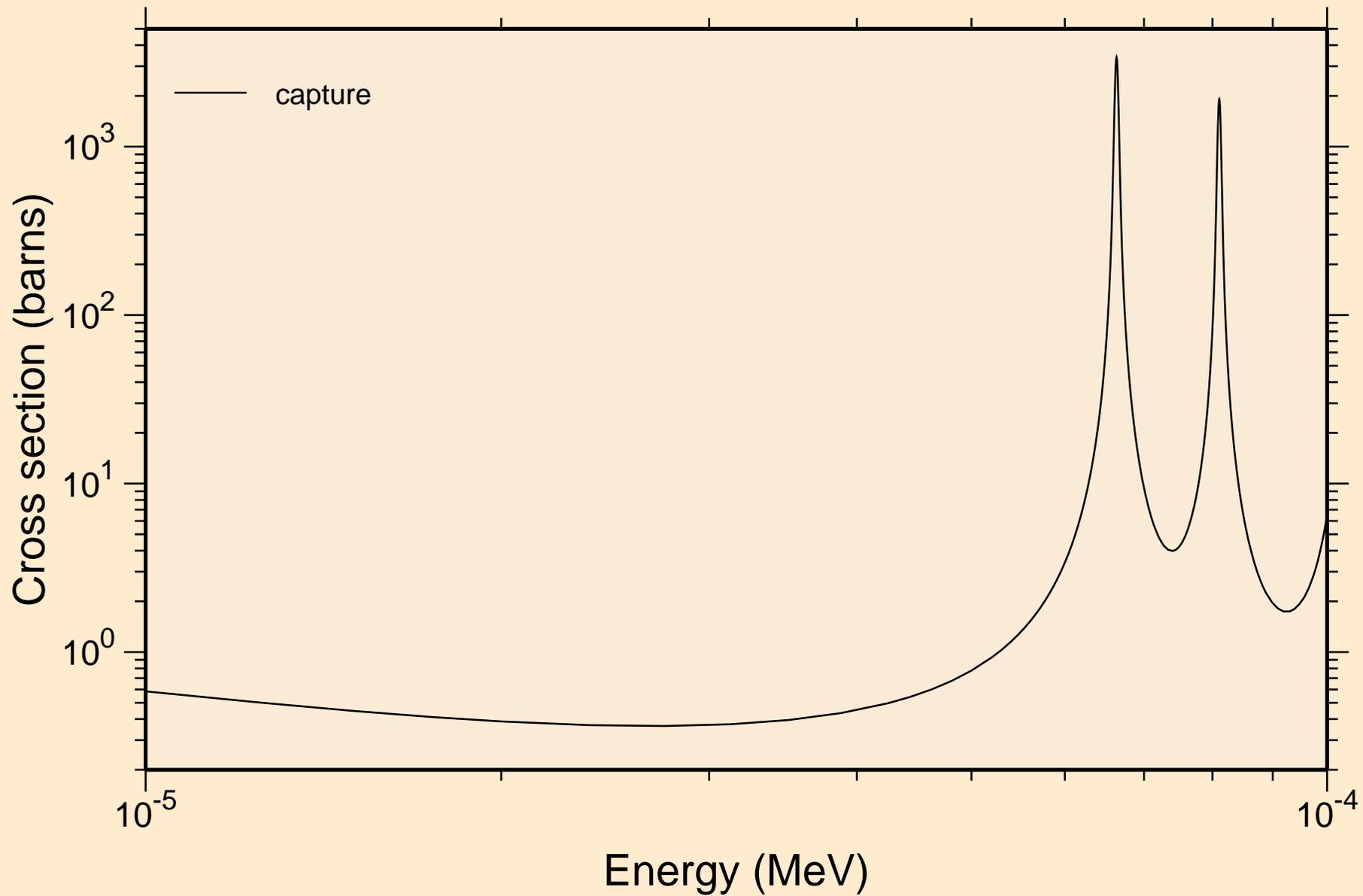
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resonance total cross section



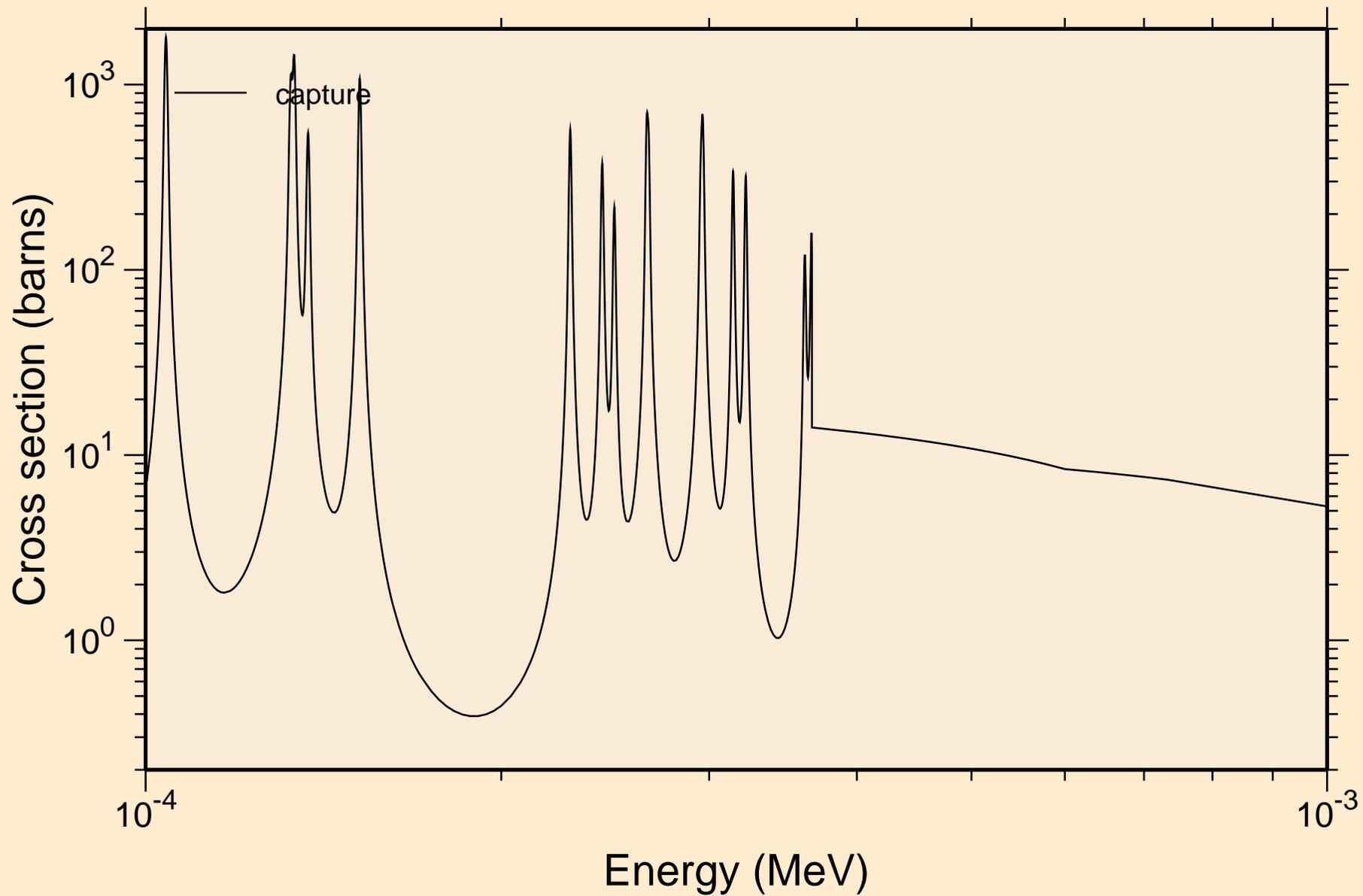
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resonance total cross section



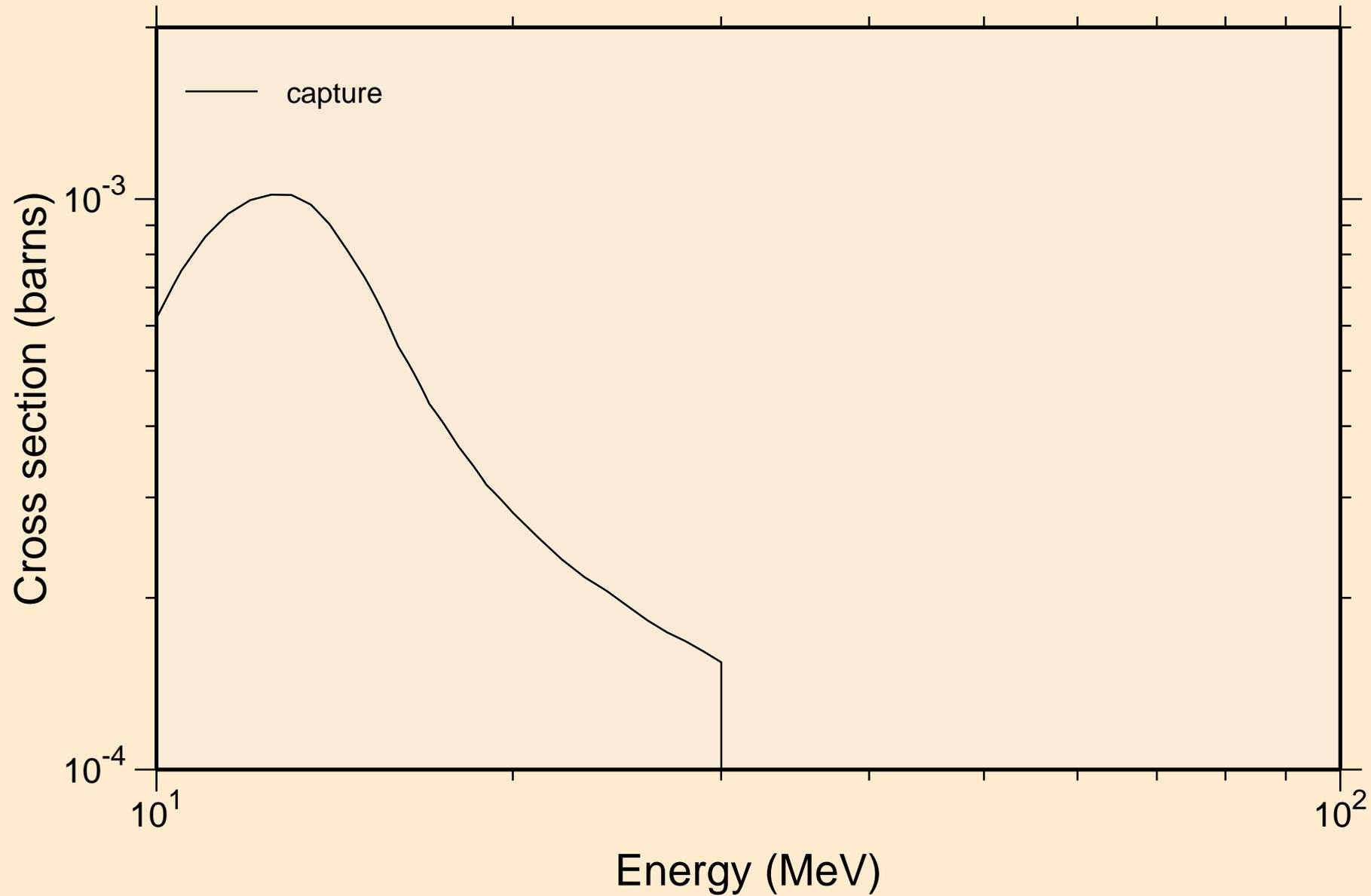
PM159 NRG TENDL-2015, AKONING  
resonance absorption cross sections



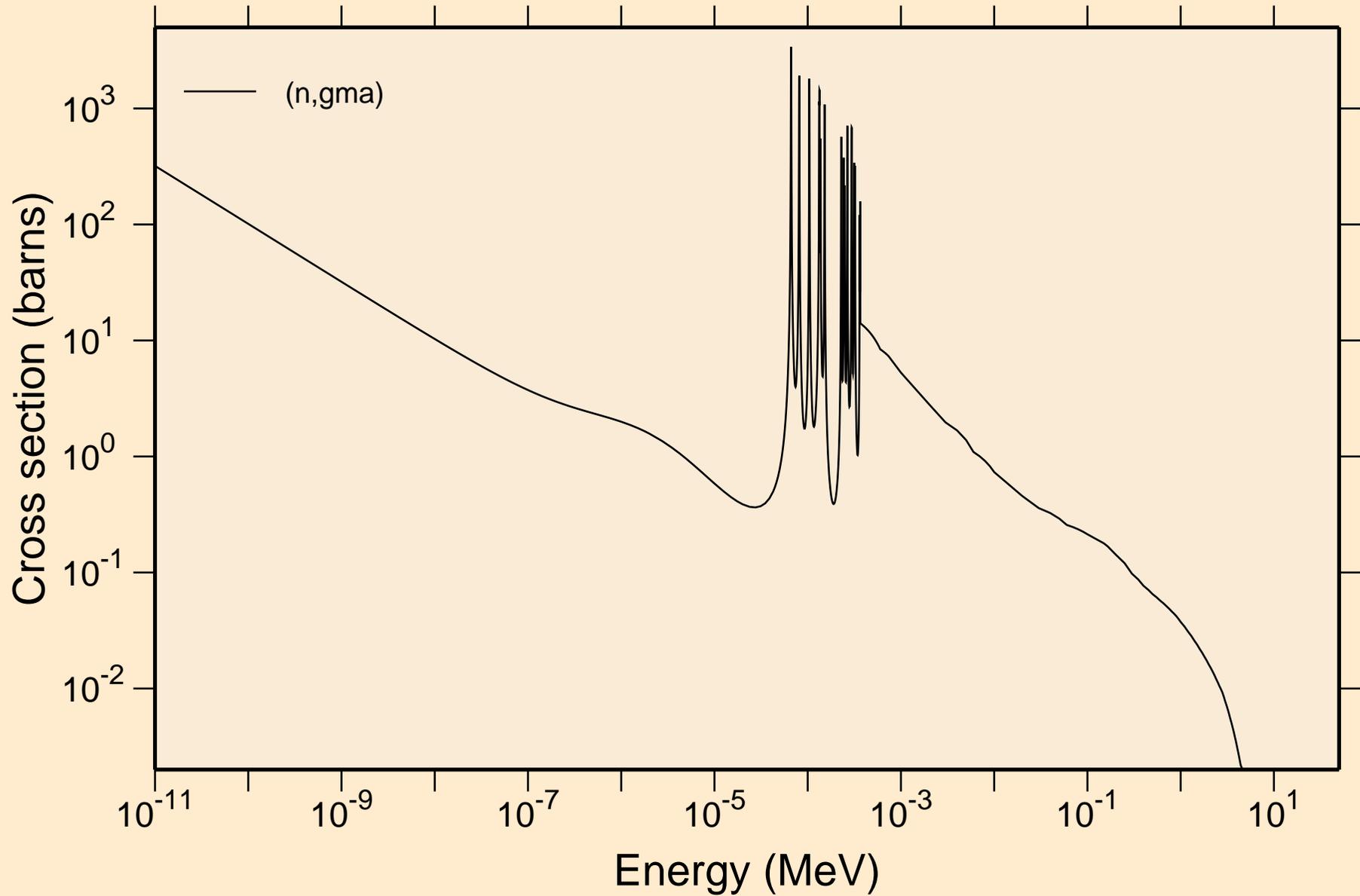
PM159 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PM159 NRG TENDL-2015, AKONING  
resonance absorption cross sections

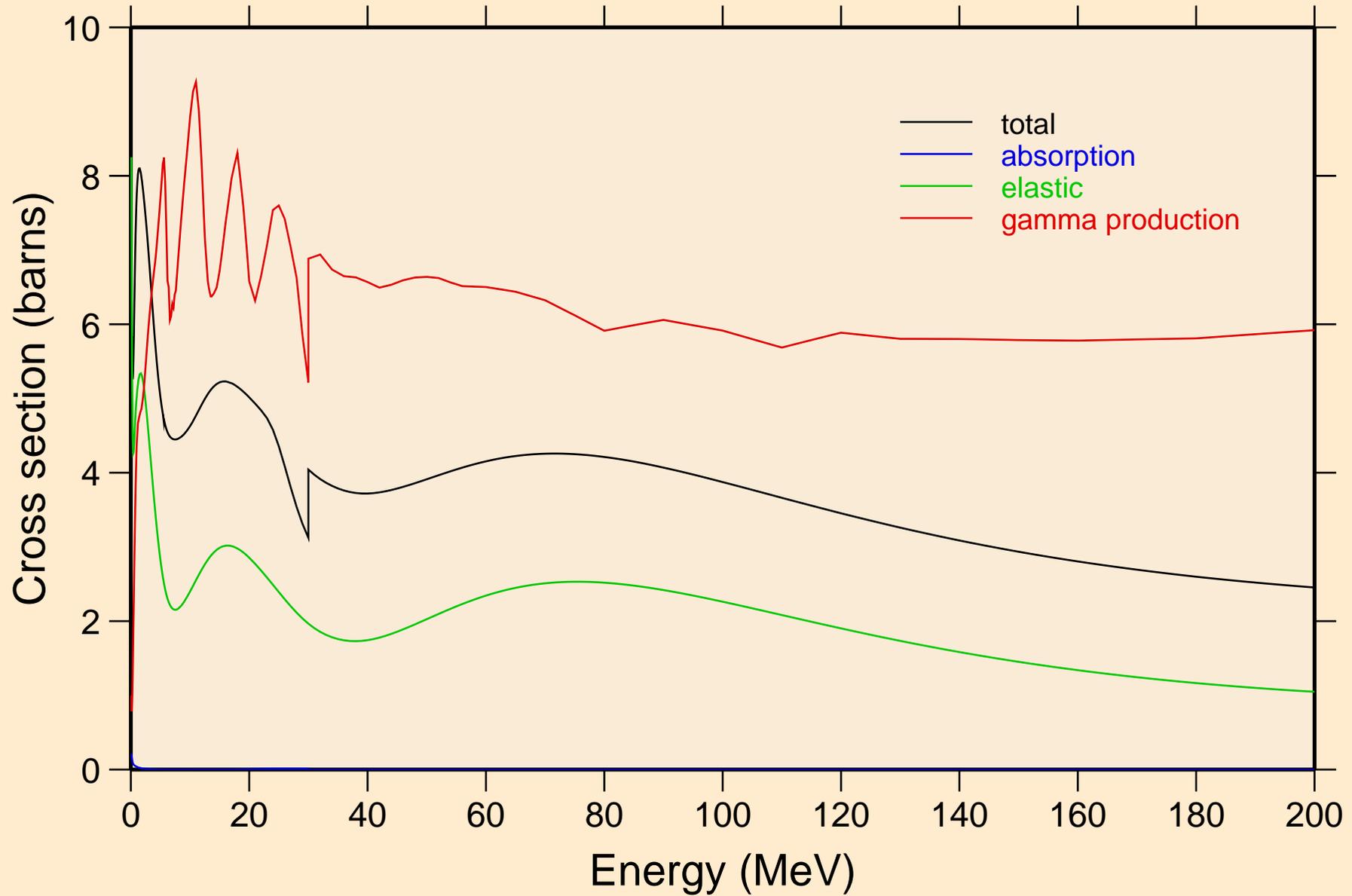


PM159 NRG TENDL-2015, AKONING  
Non-threshold reactions

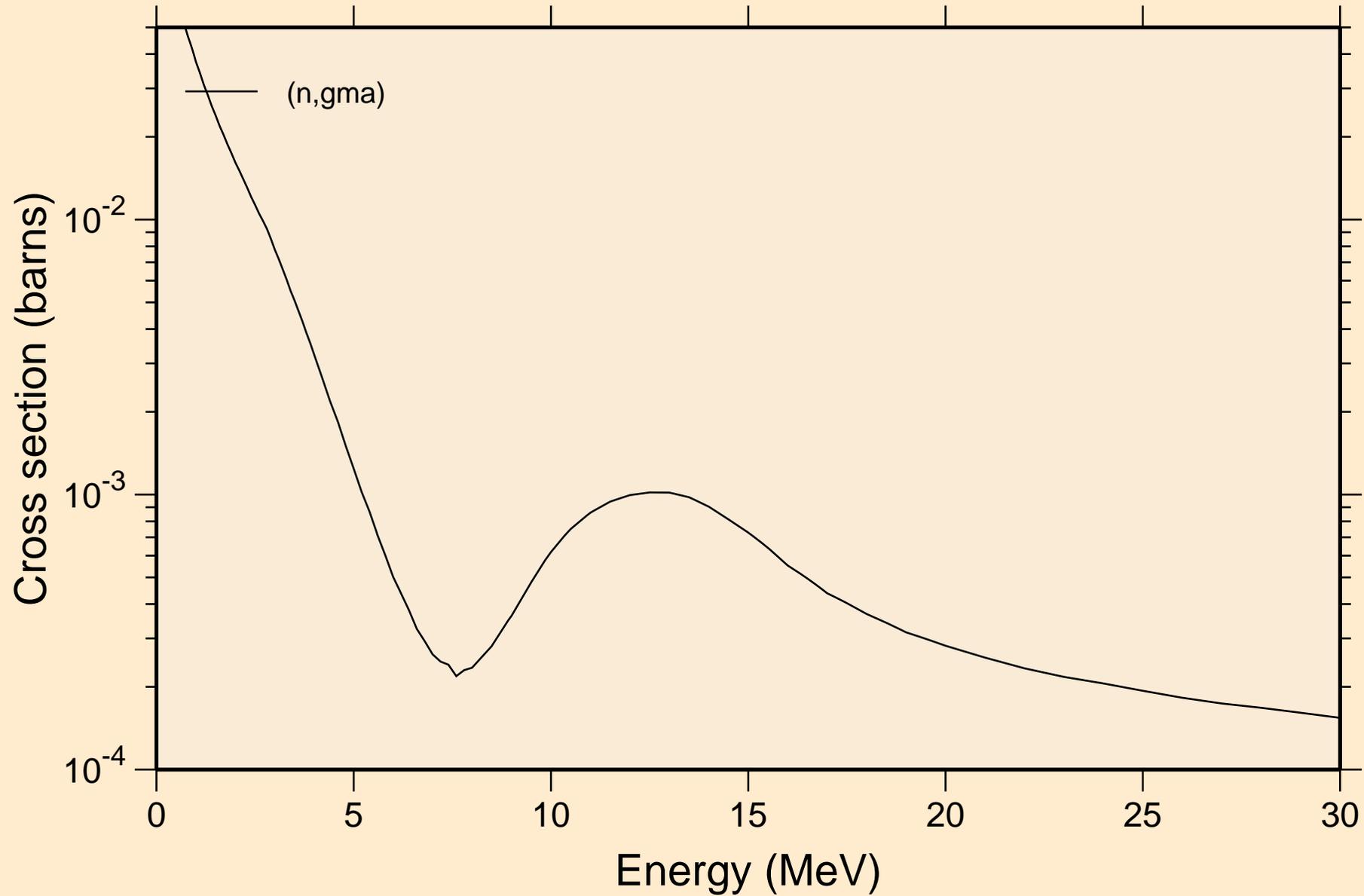


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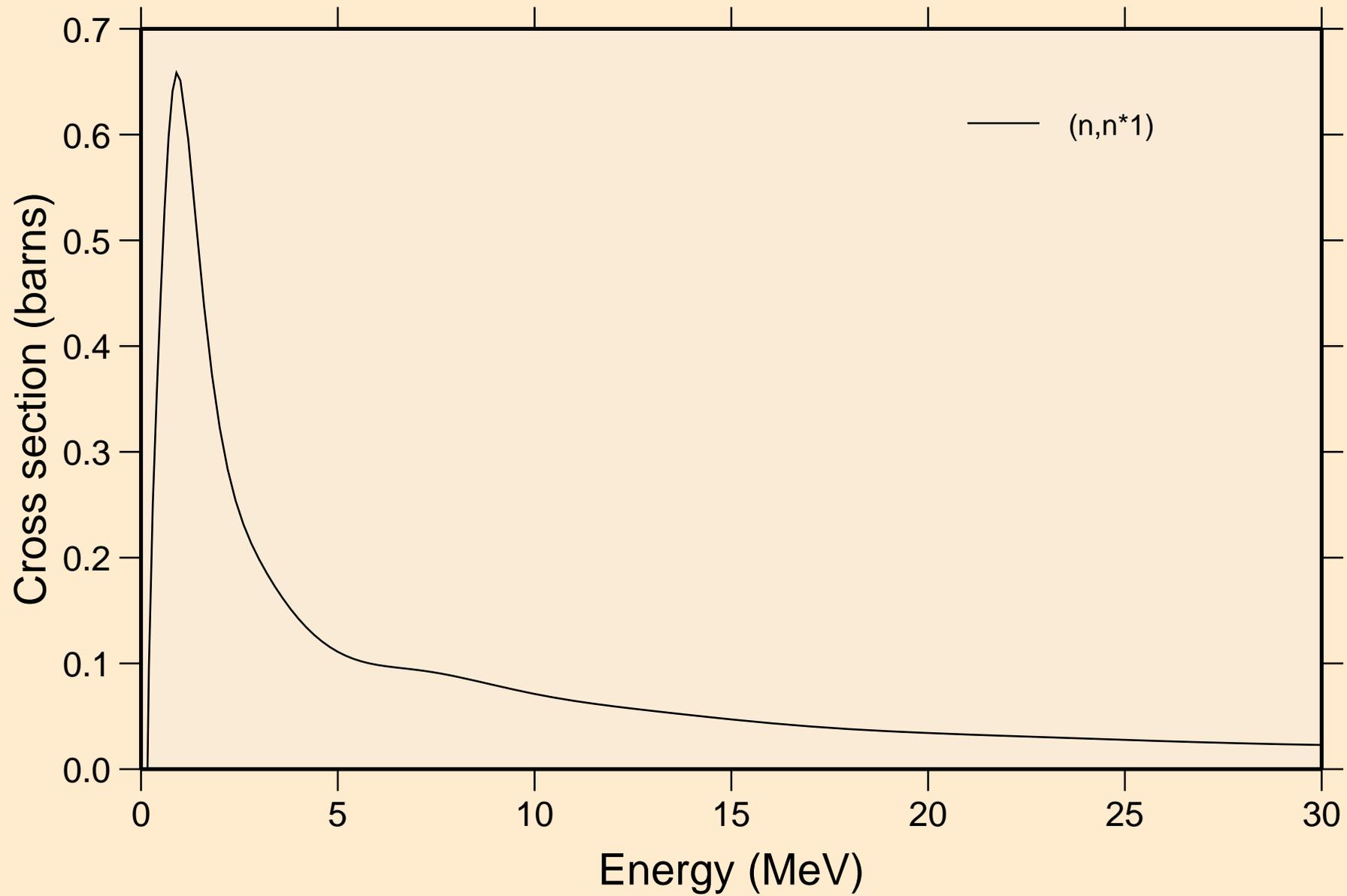
## Principal cross sections



PM159 NRG TENDL-2015, AKONING  
Non-threshold reactions

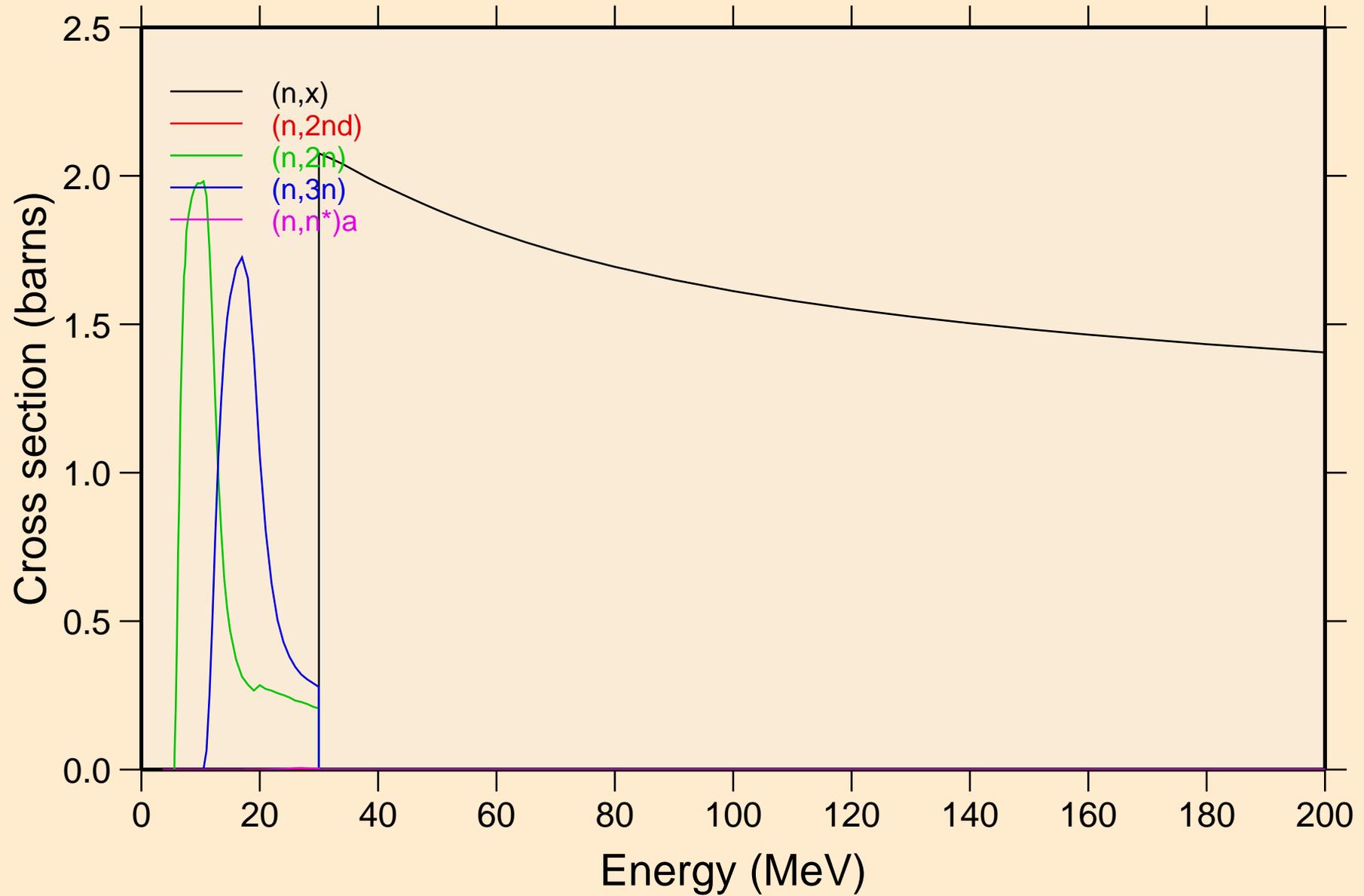


PM159 NRG TENDL-2015, AKONING  
Inelastic levels



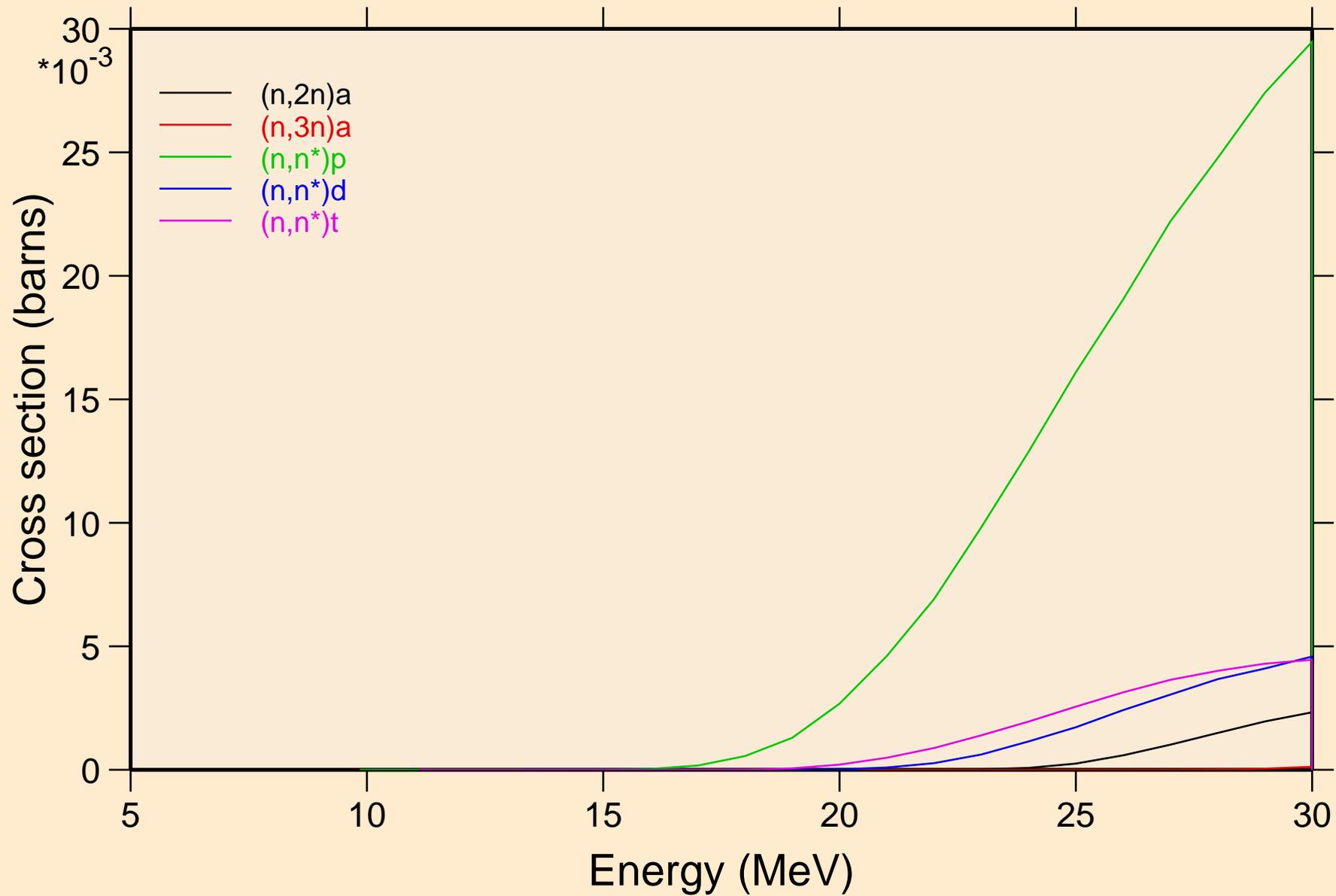
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## Threshold reactions



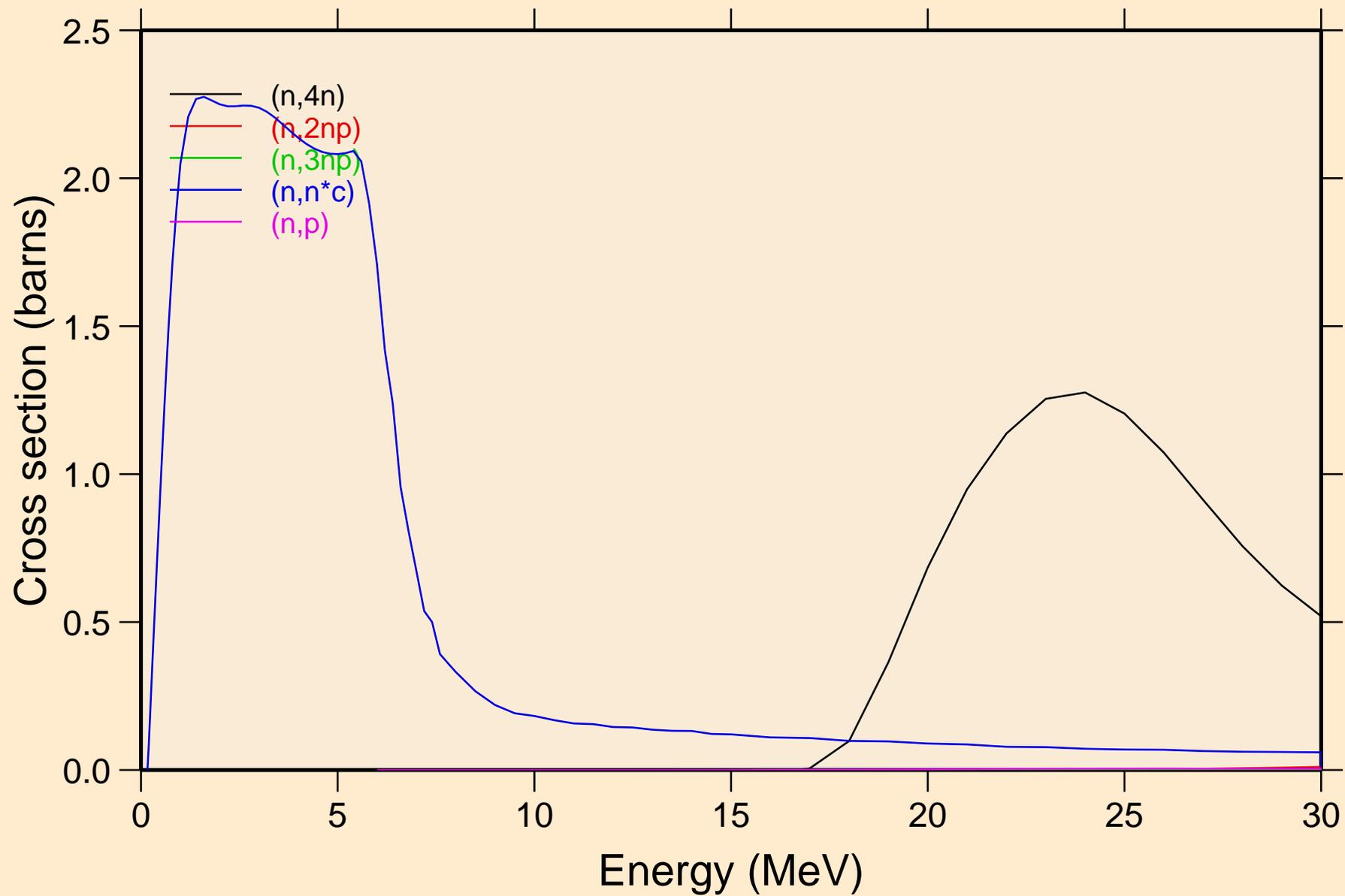
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## Threshold reactions



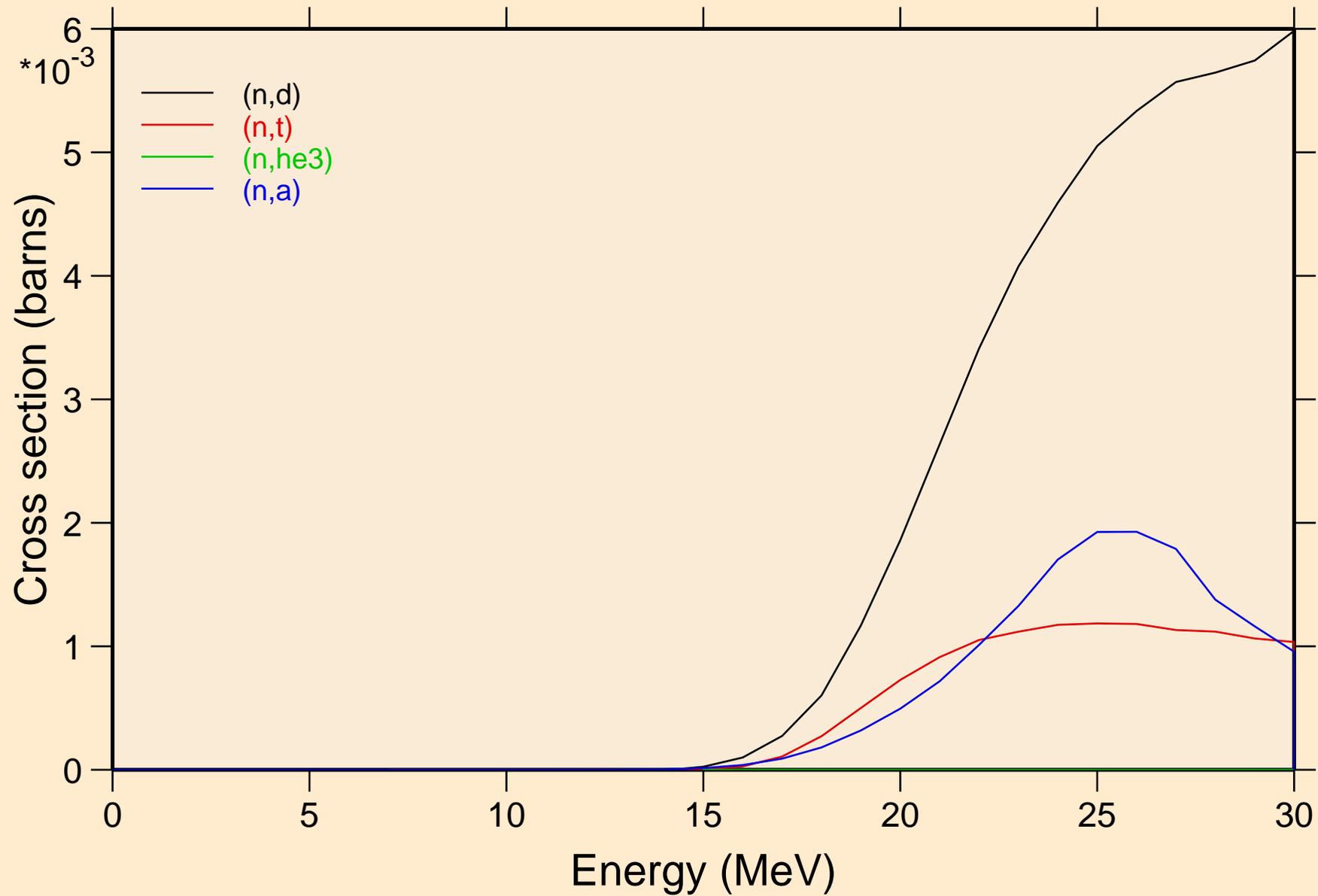
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## Threshold reactions

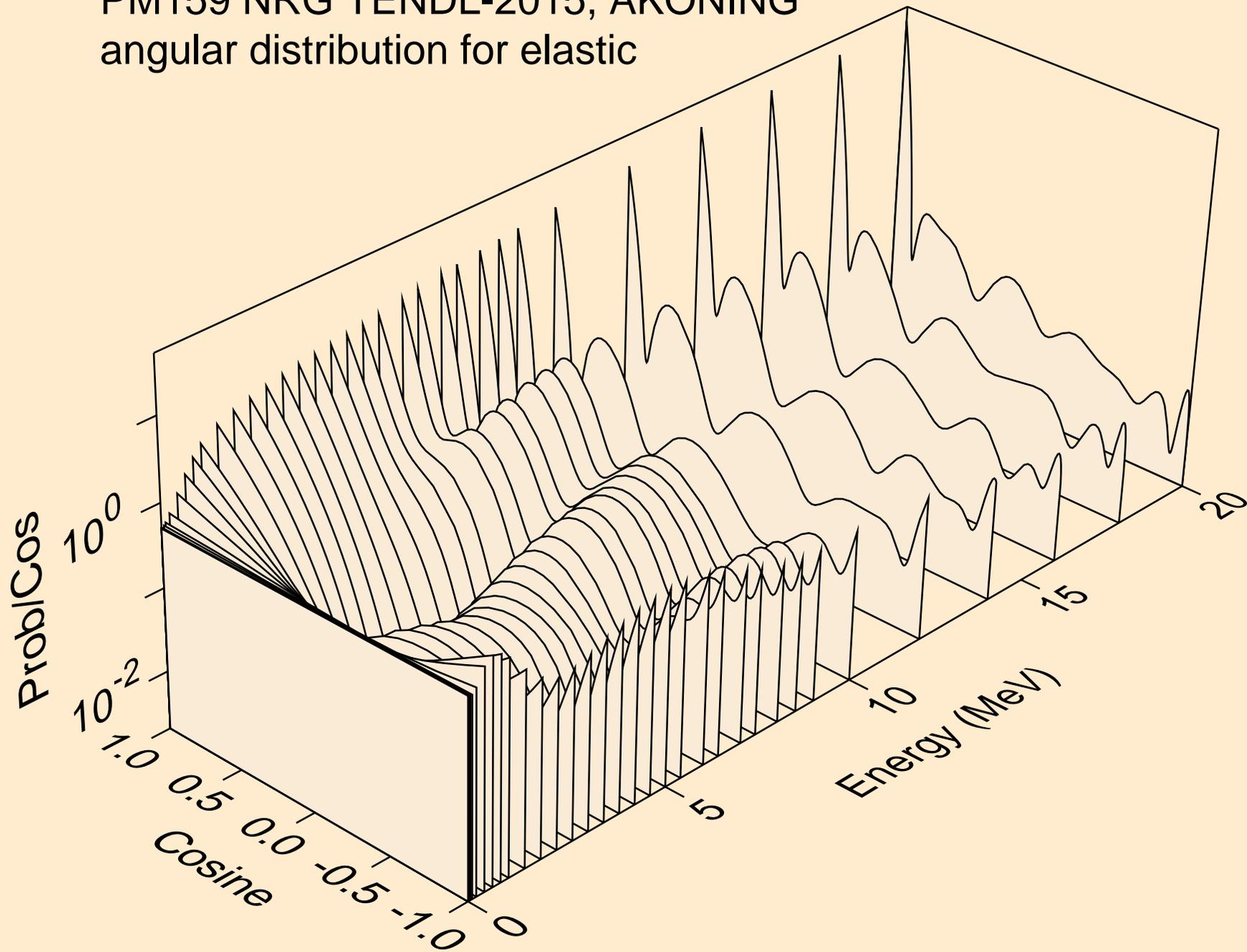


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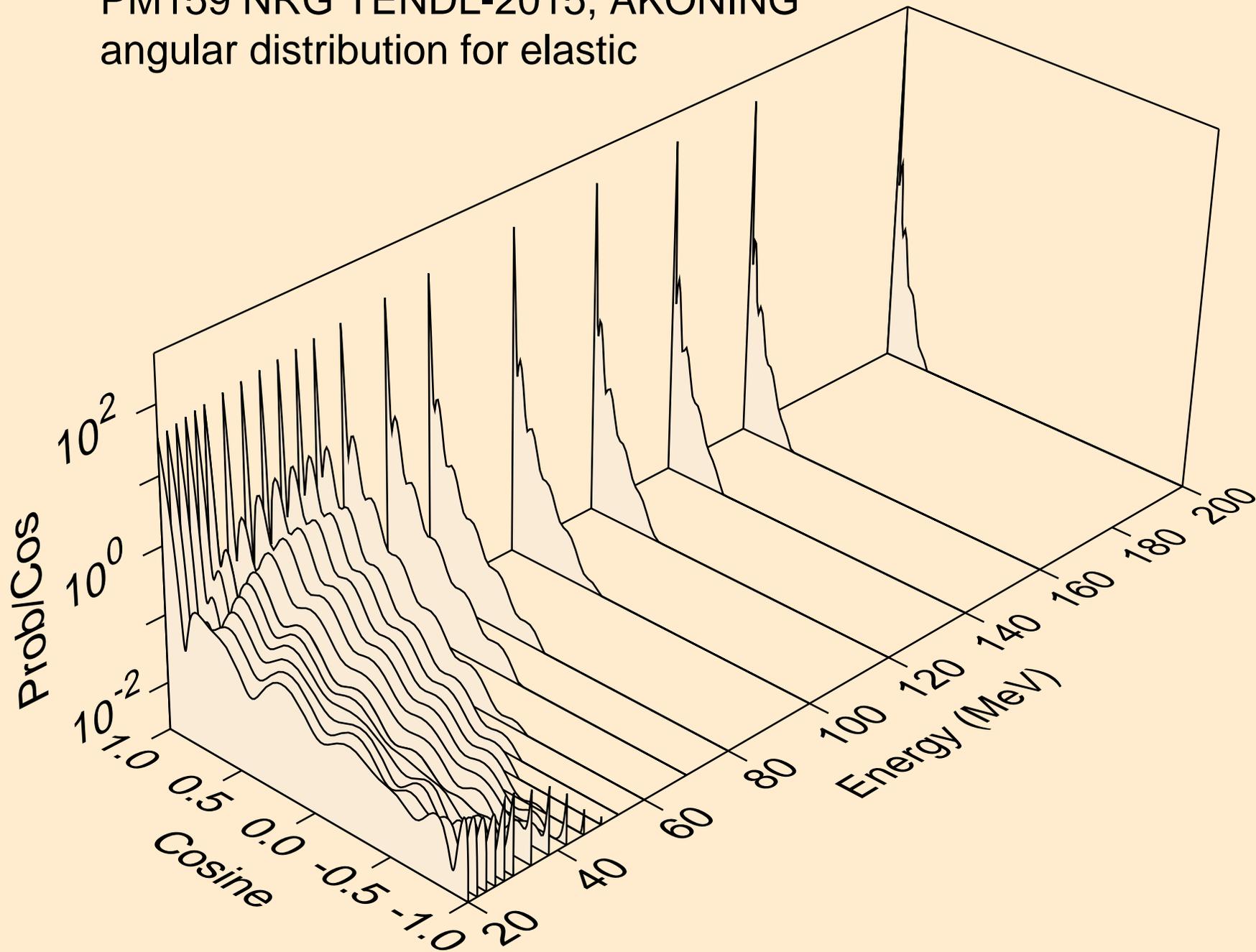
## Threshold reactions



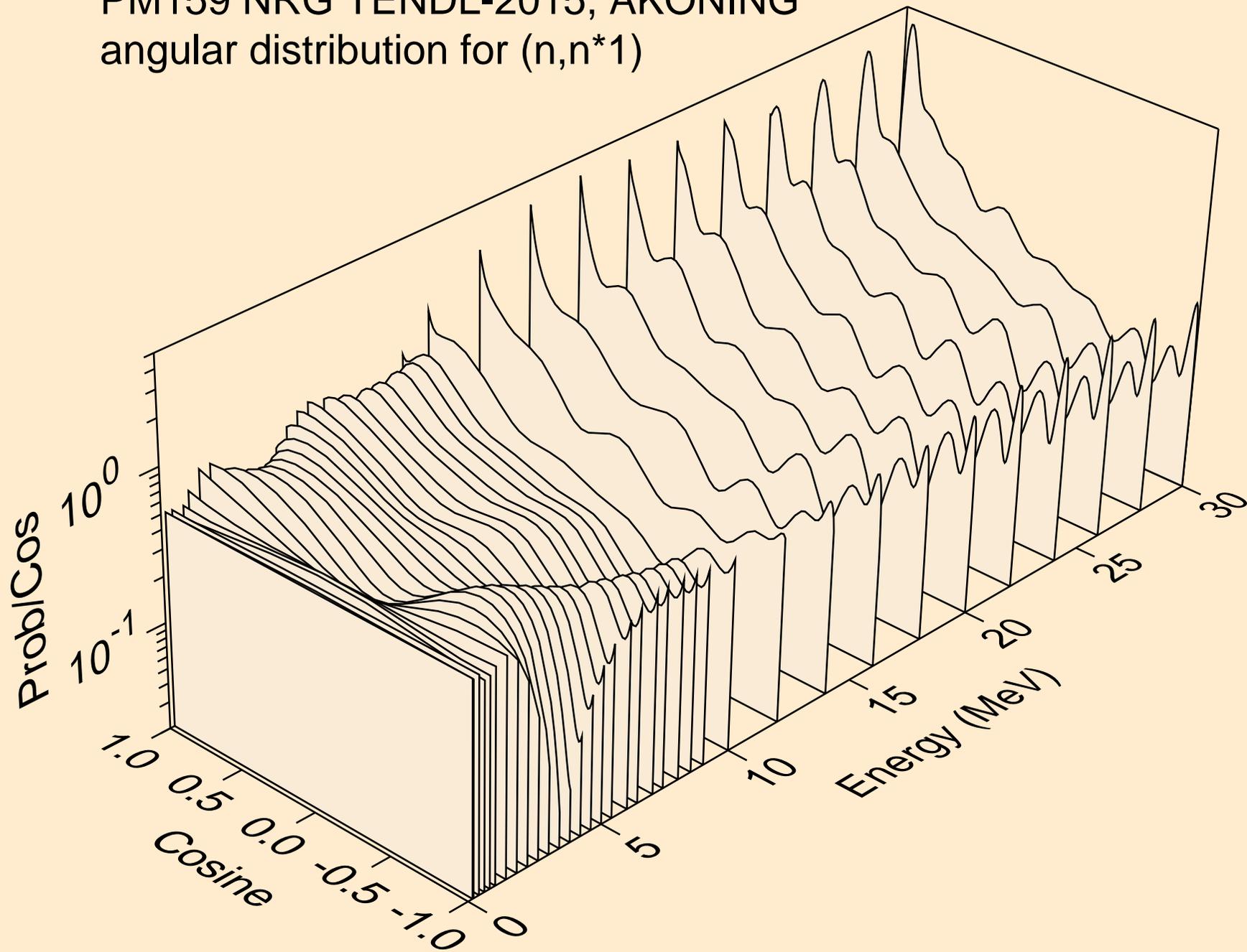
PM159 NRG TENDL-2015, AKONING  
angular distribution for elastic



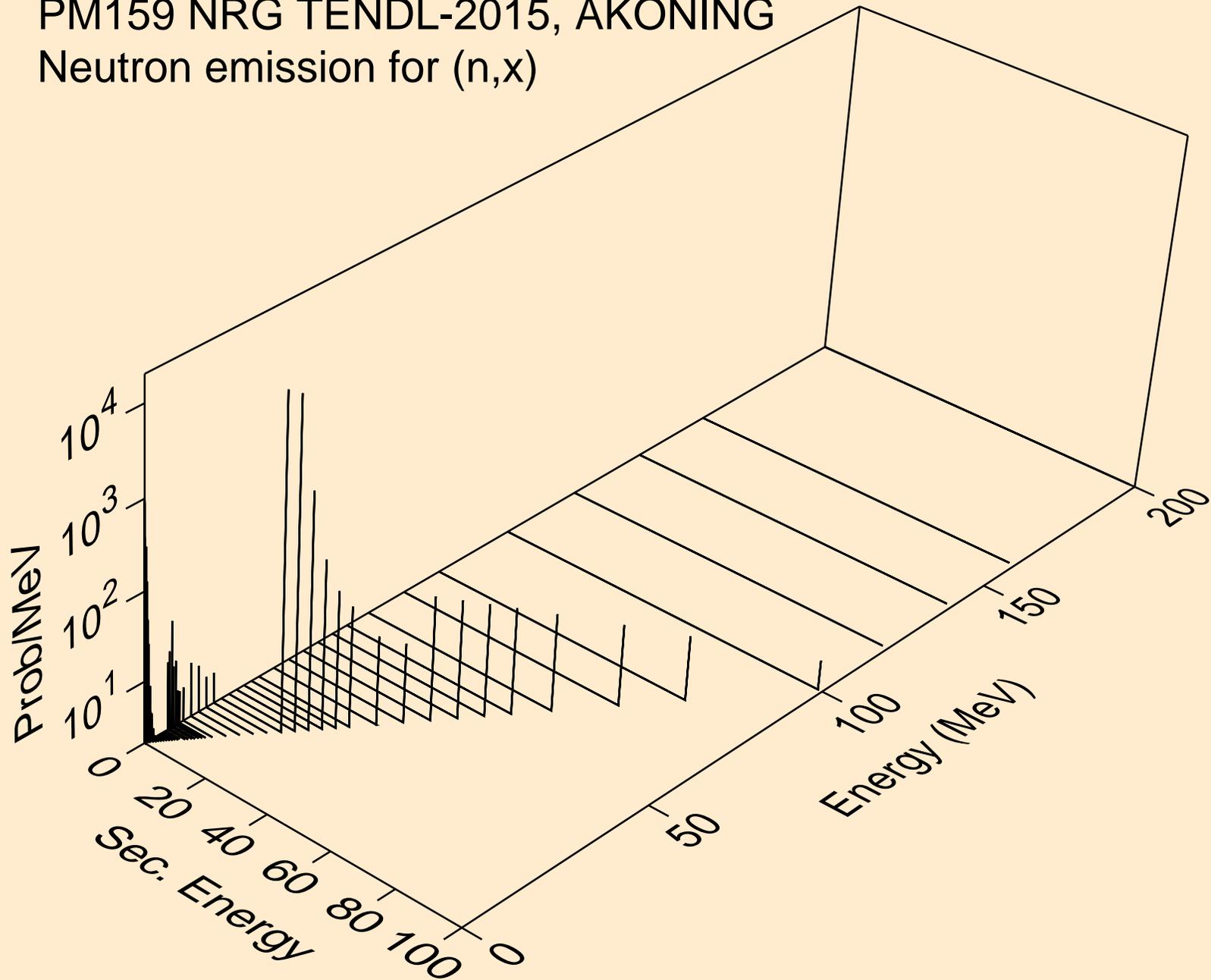
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angular distribution for elastic



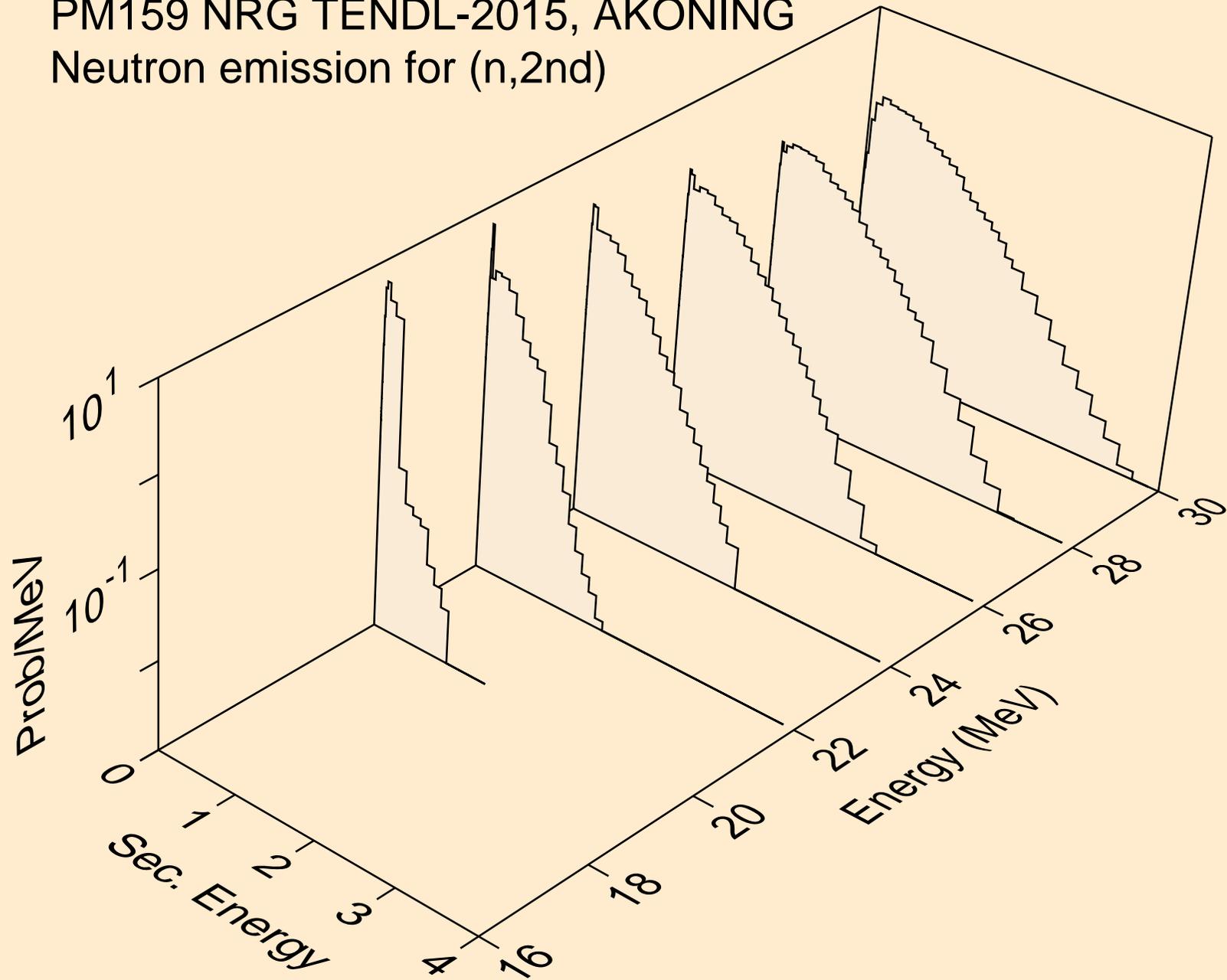
PM159 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



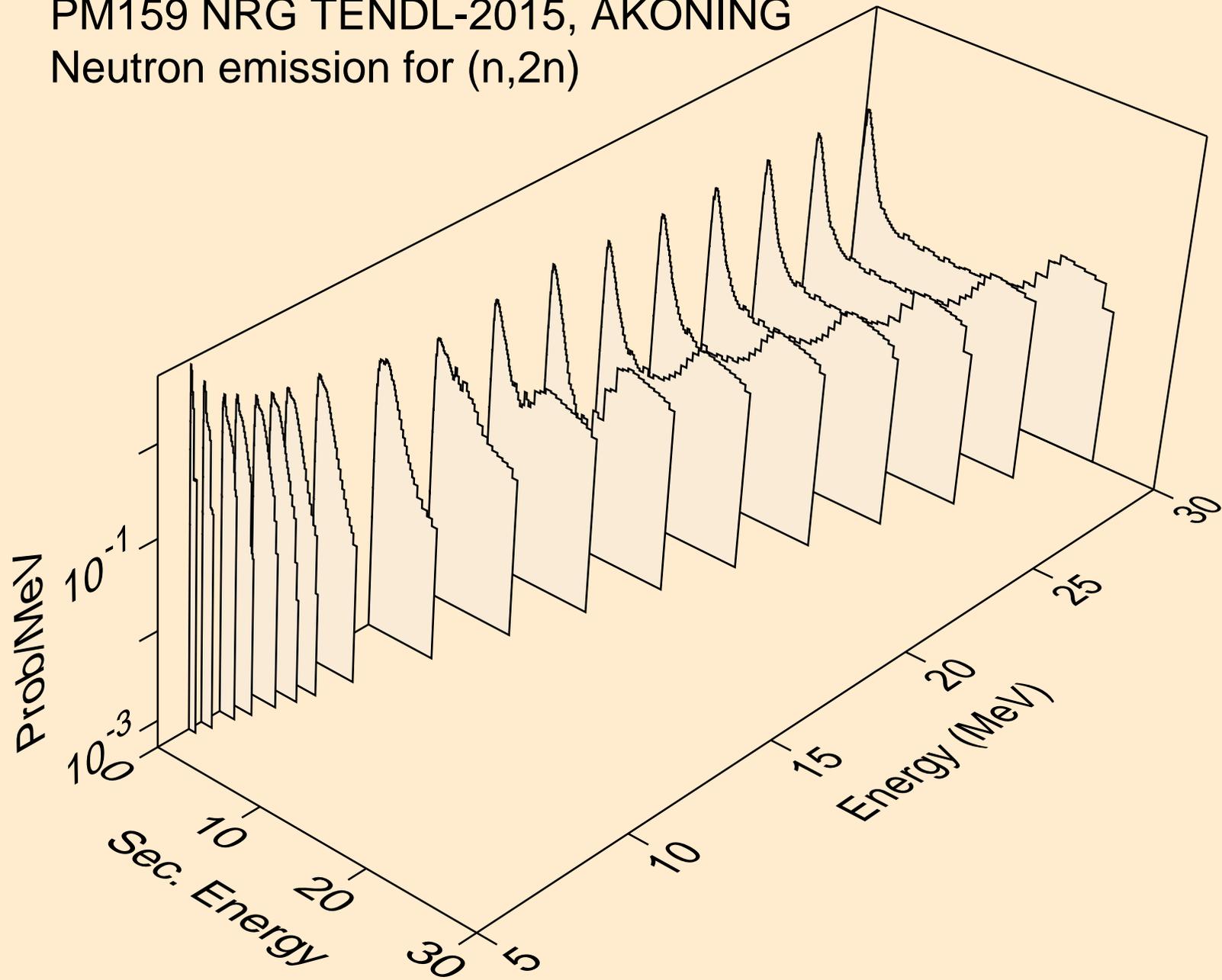
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



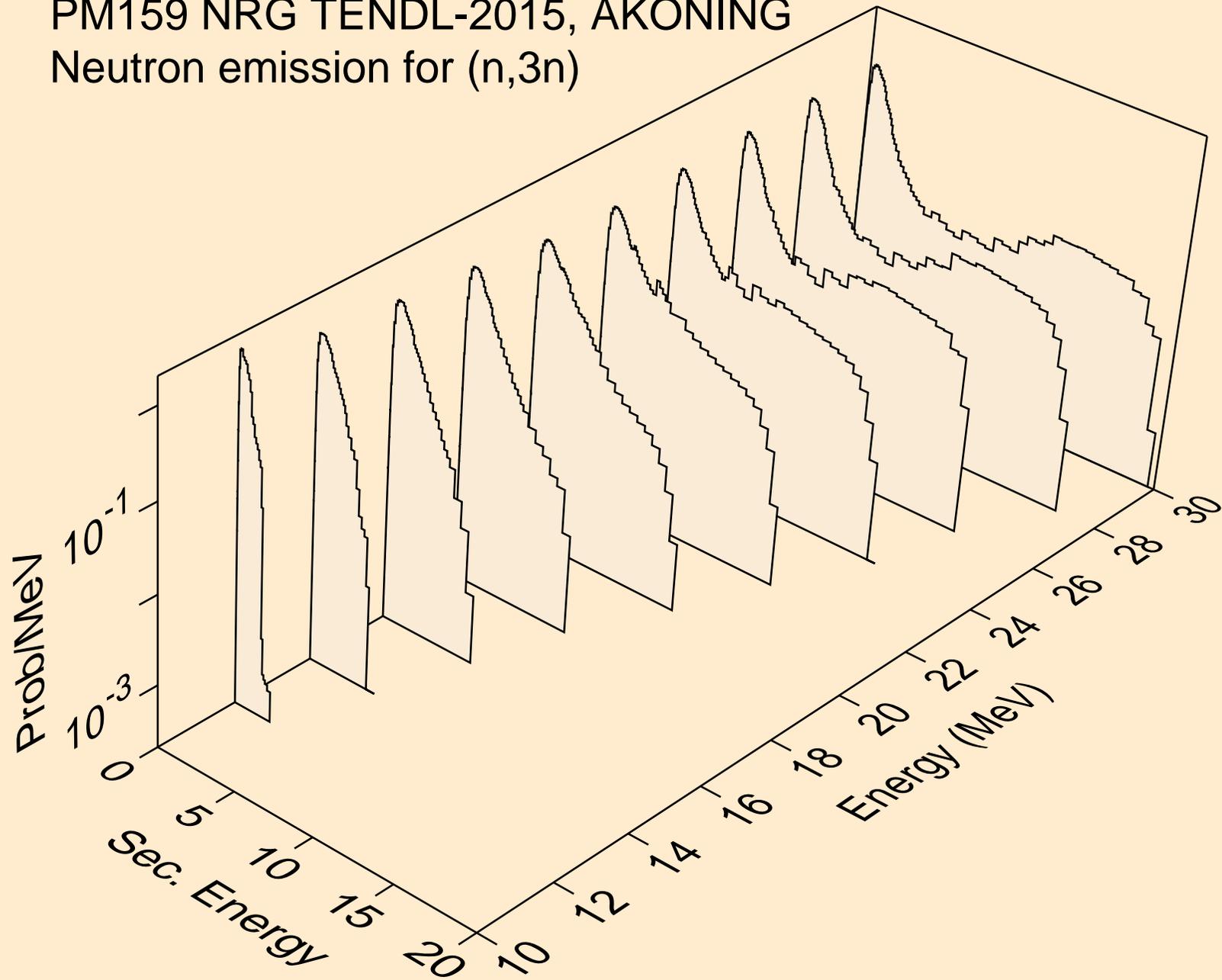
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



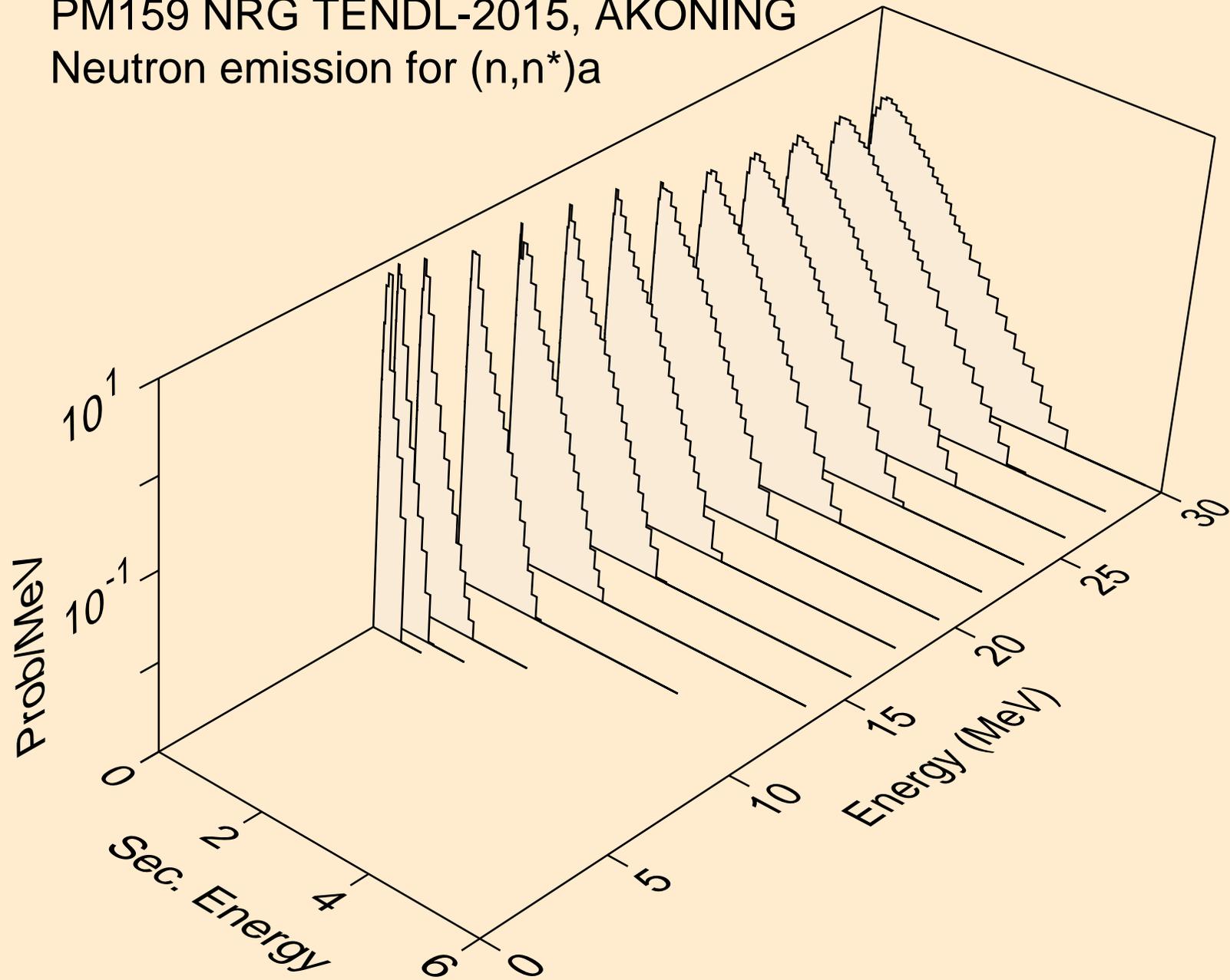
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



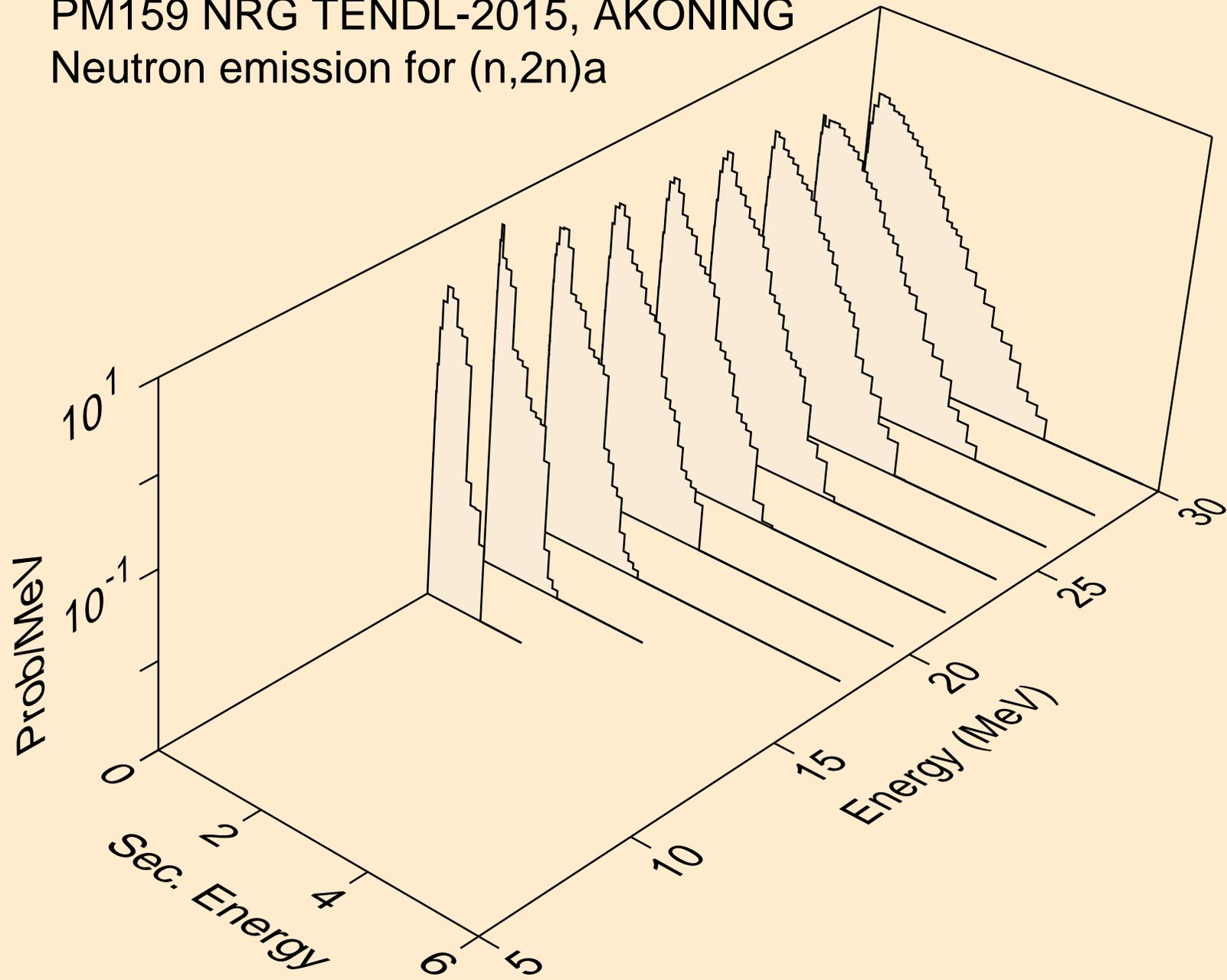
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



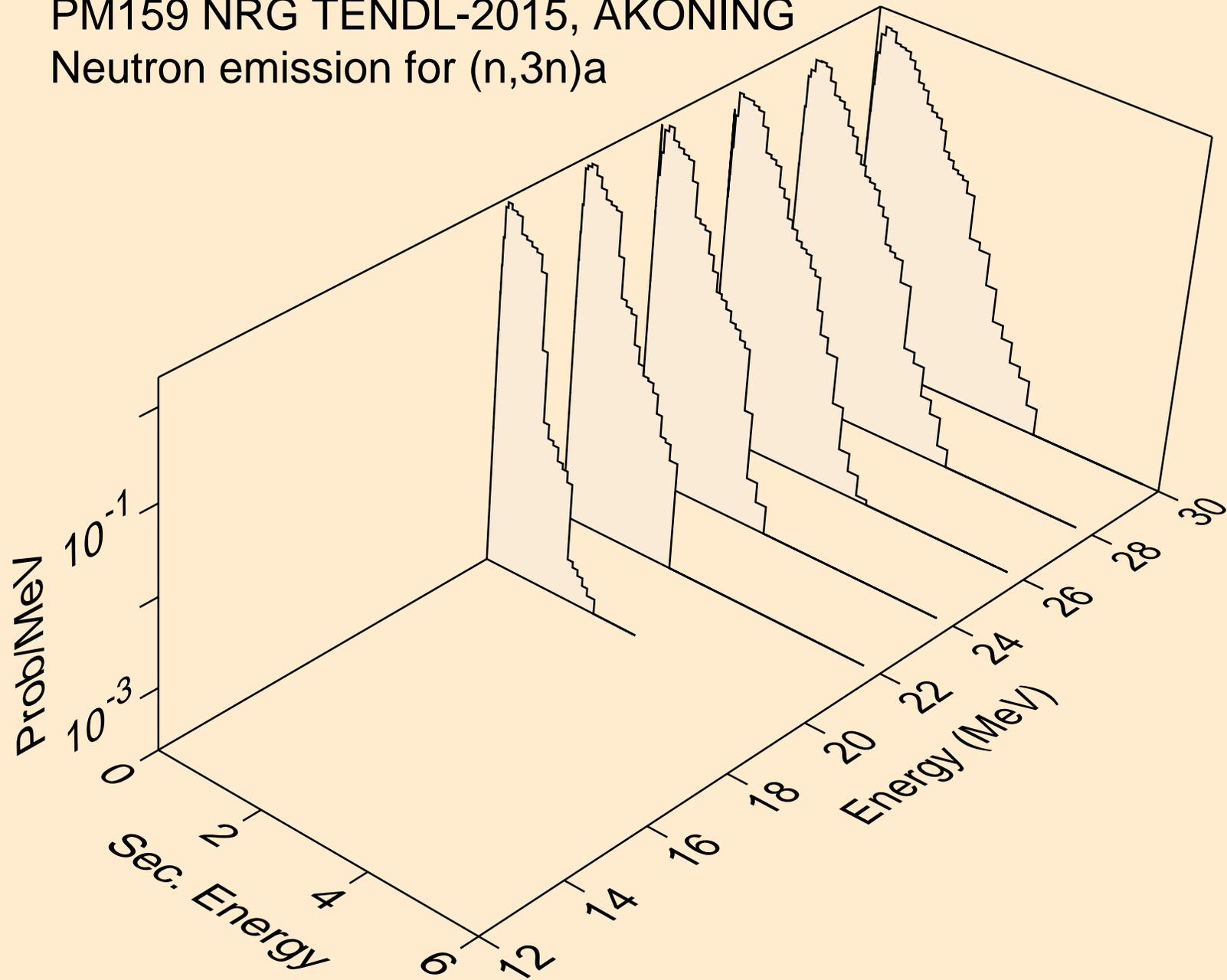
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



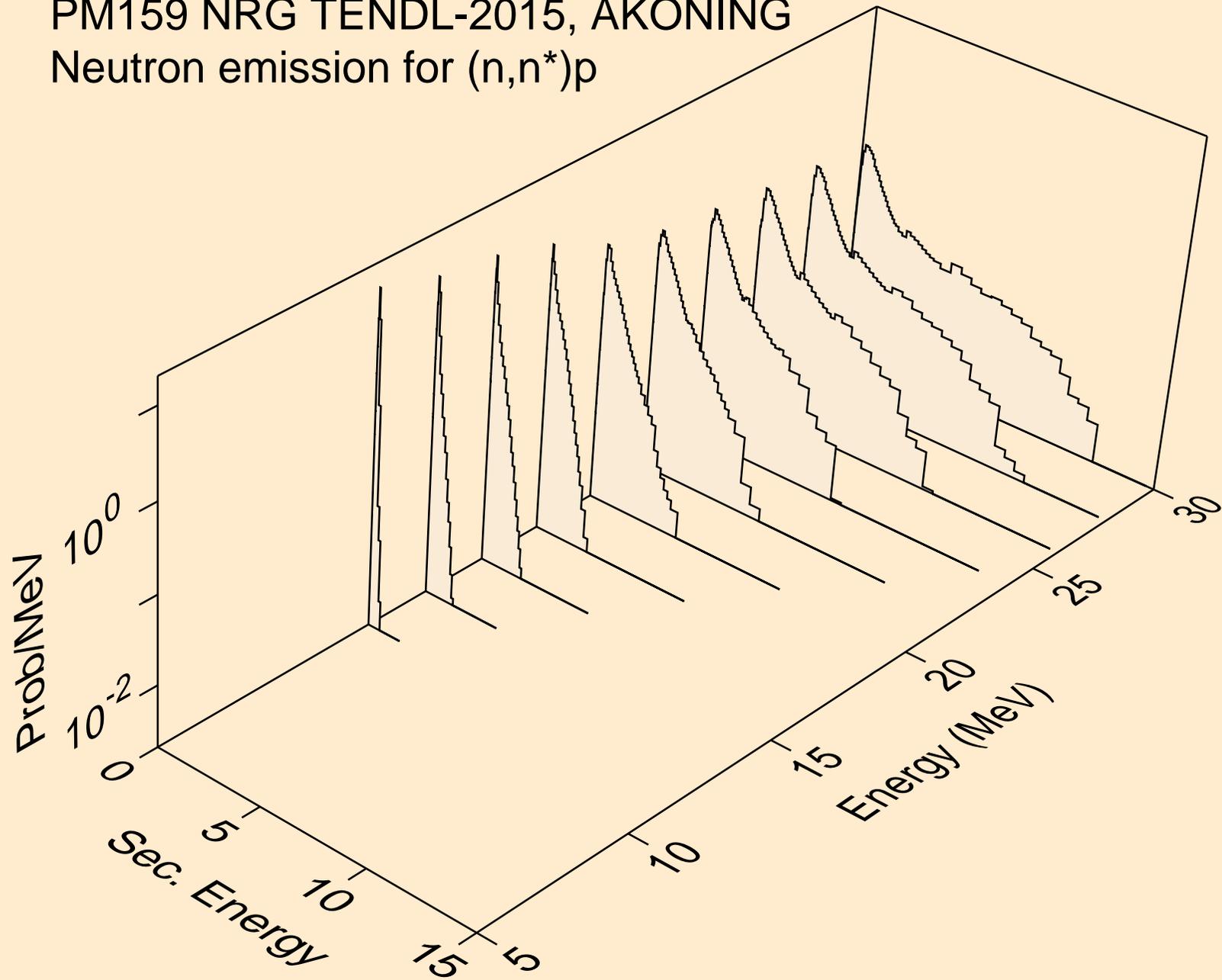
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Neutron emission for (n,2n)a



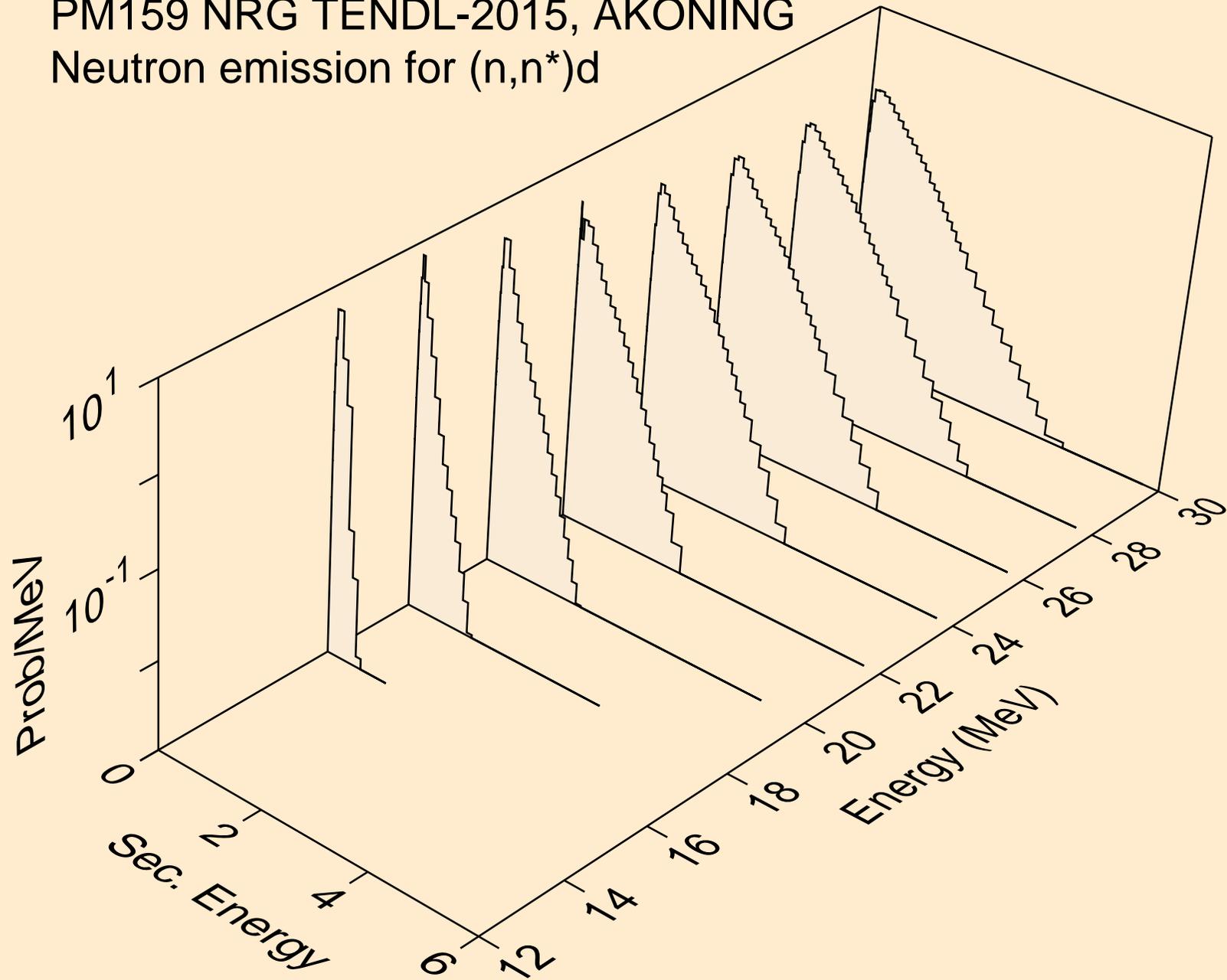
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Neutron emission for (n,3n)a



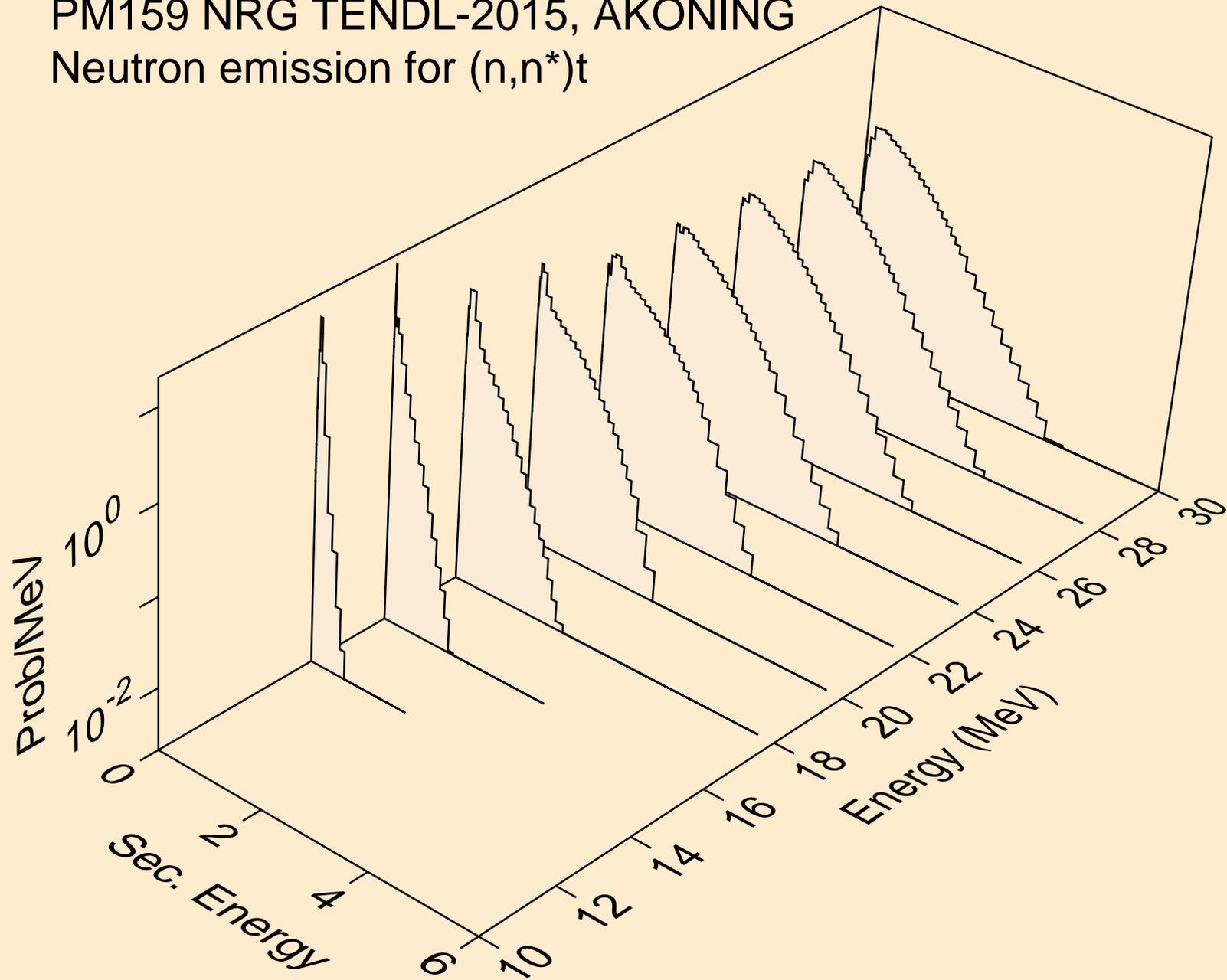
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



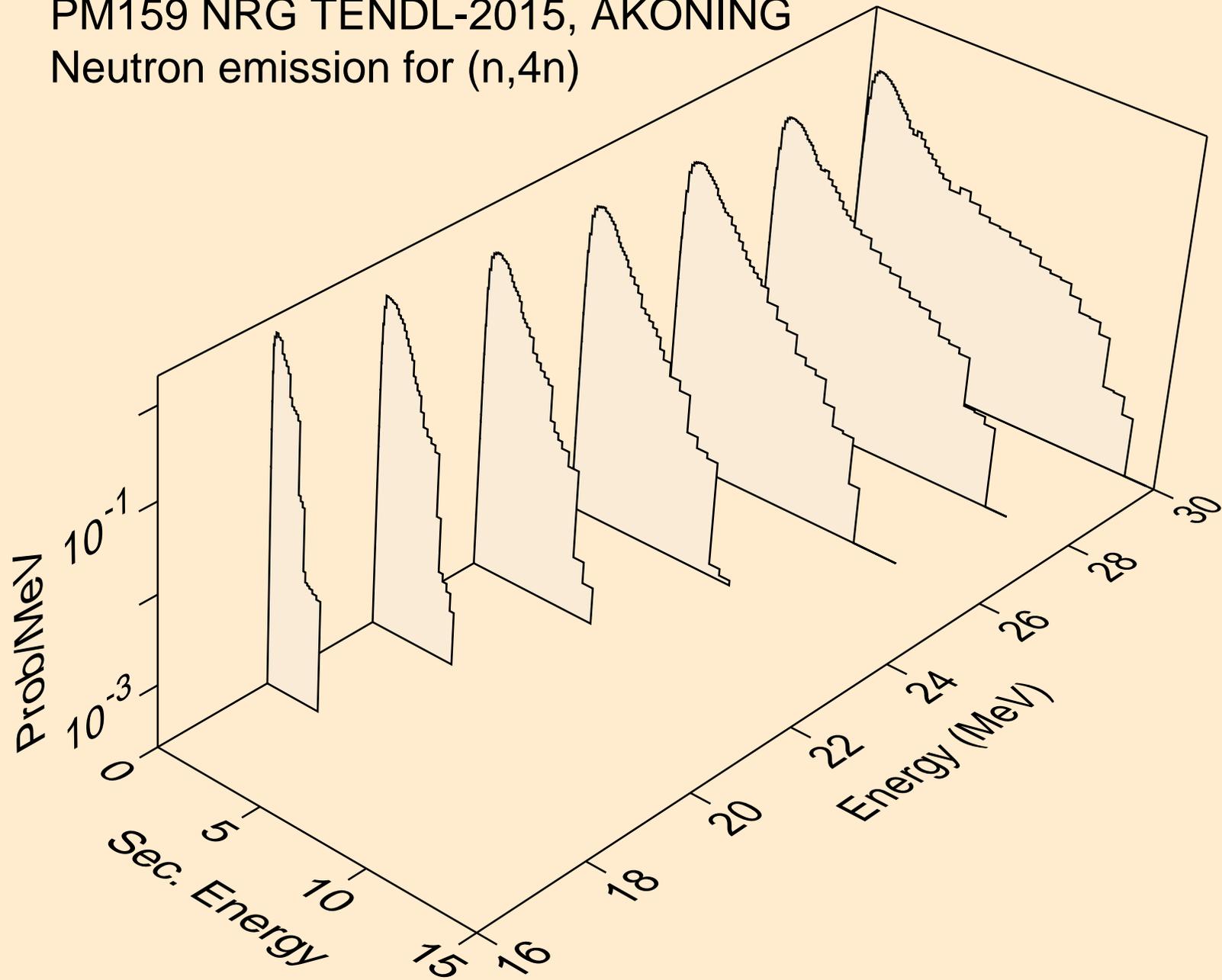
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



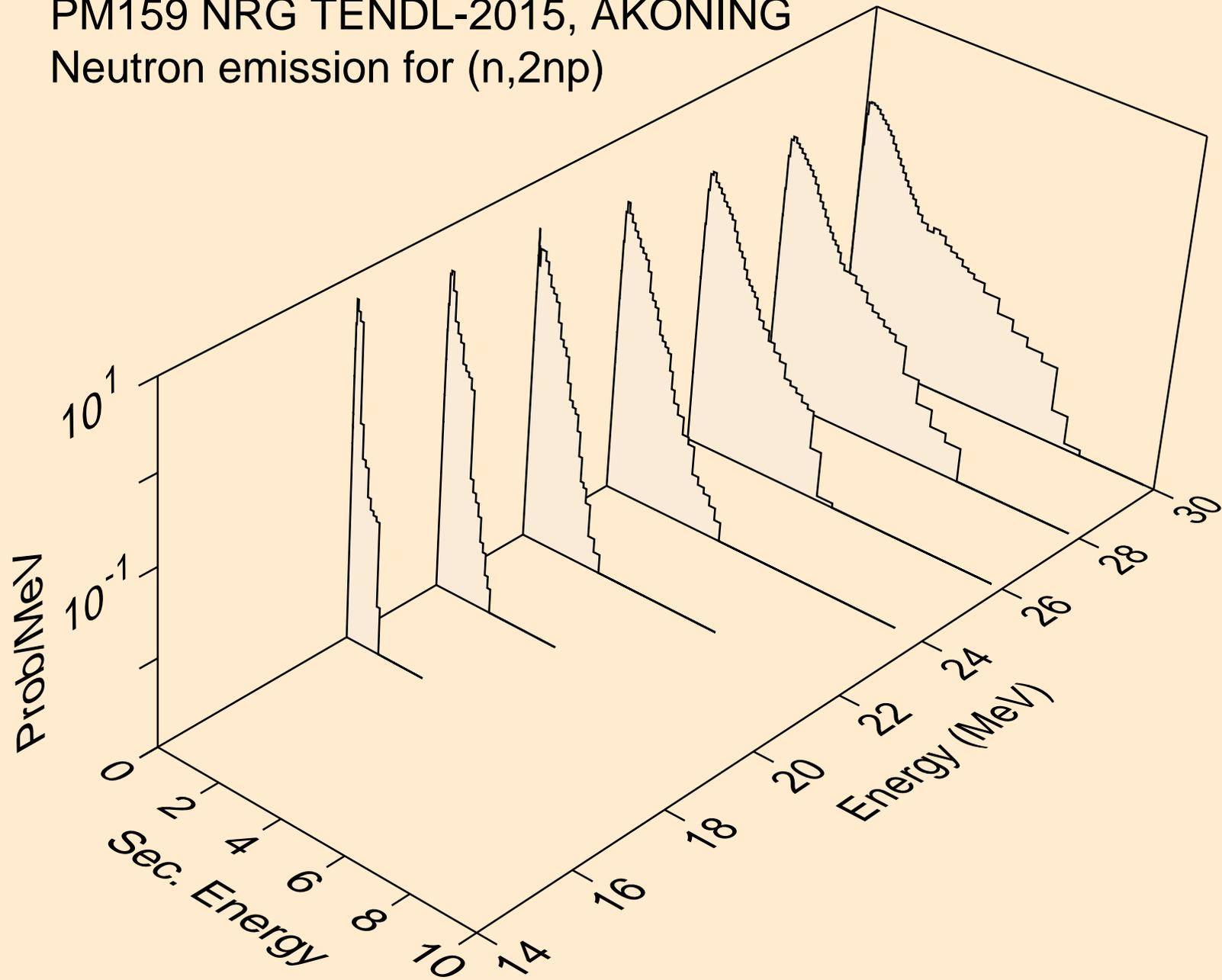
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



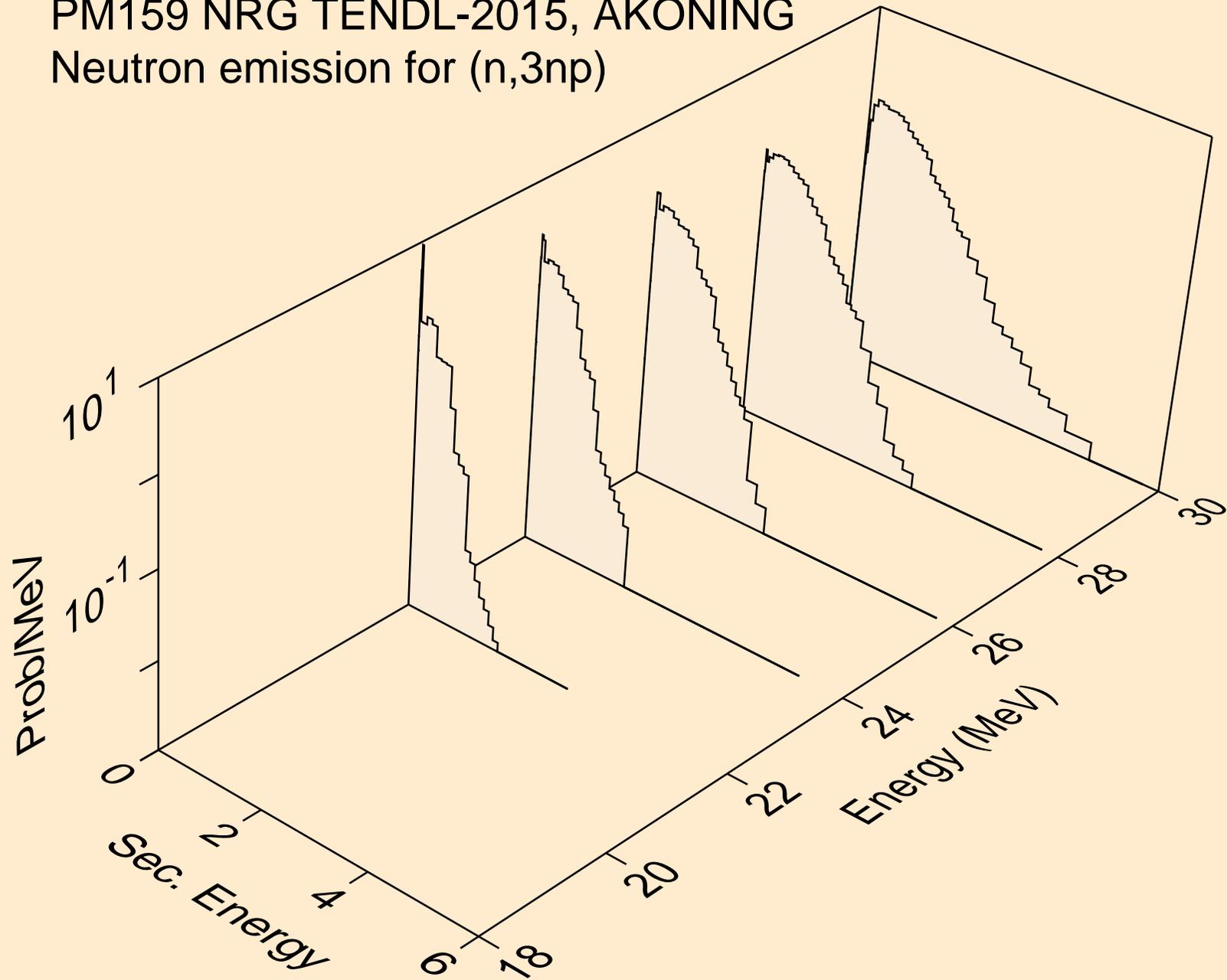
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



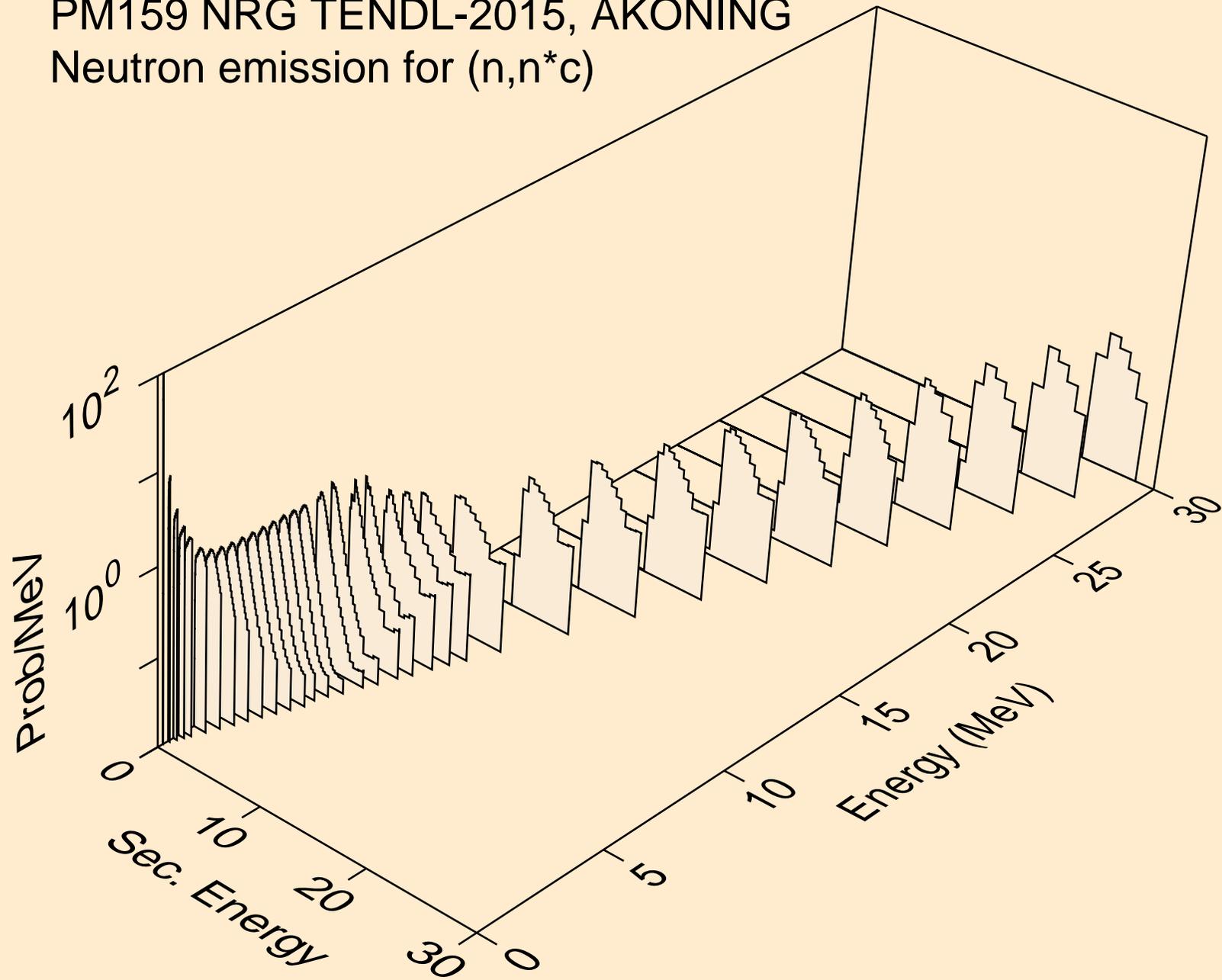
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Neutron emission for (n,2np)



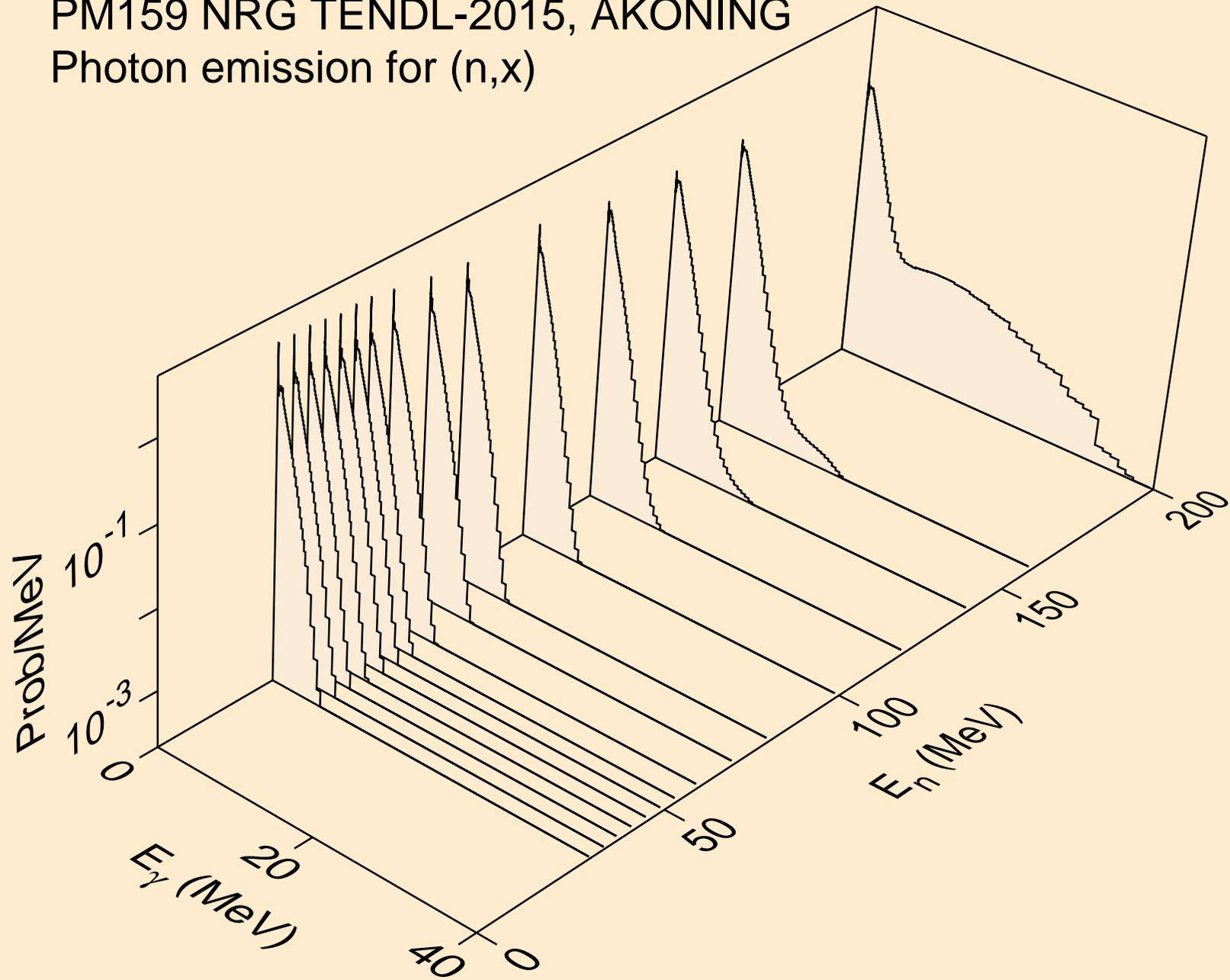
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Neutron emission for (n,3np)



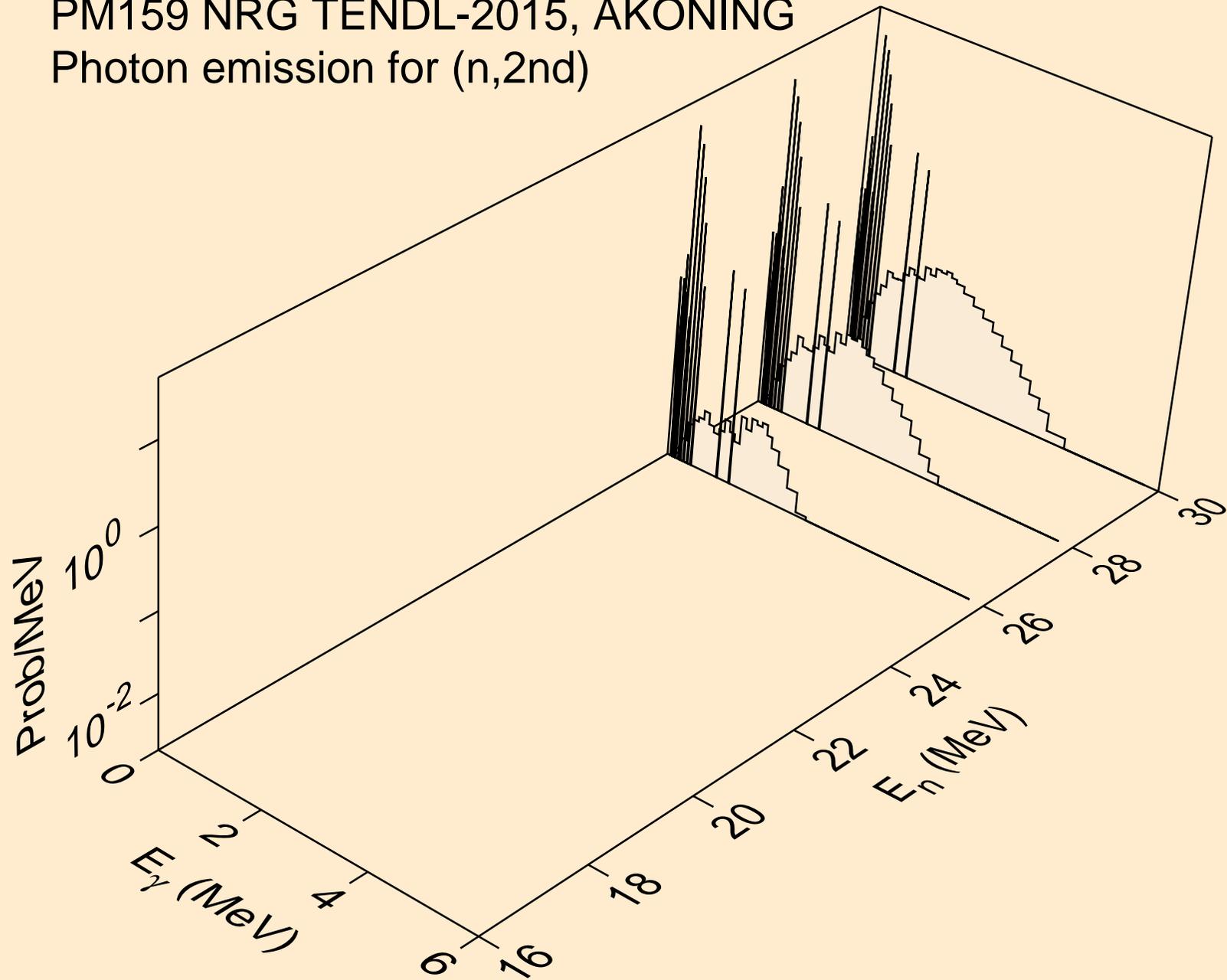
PM159 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



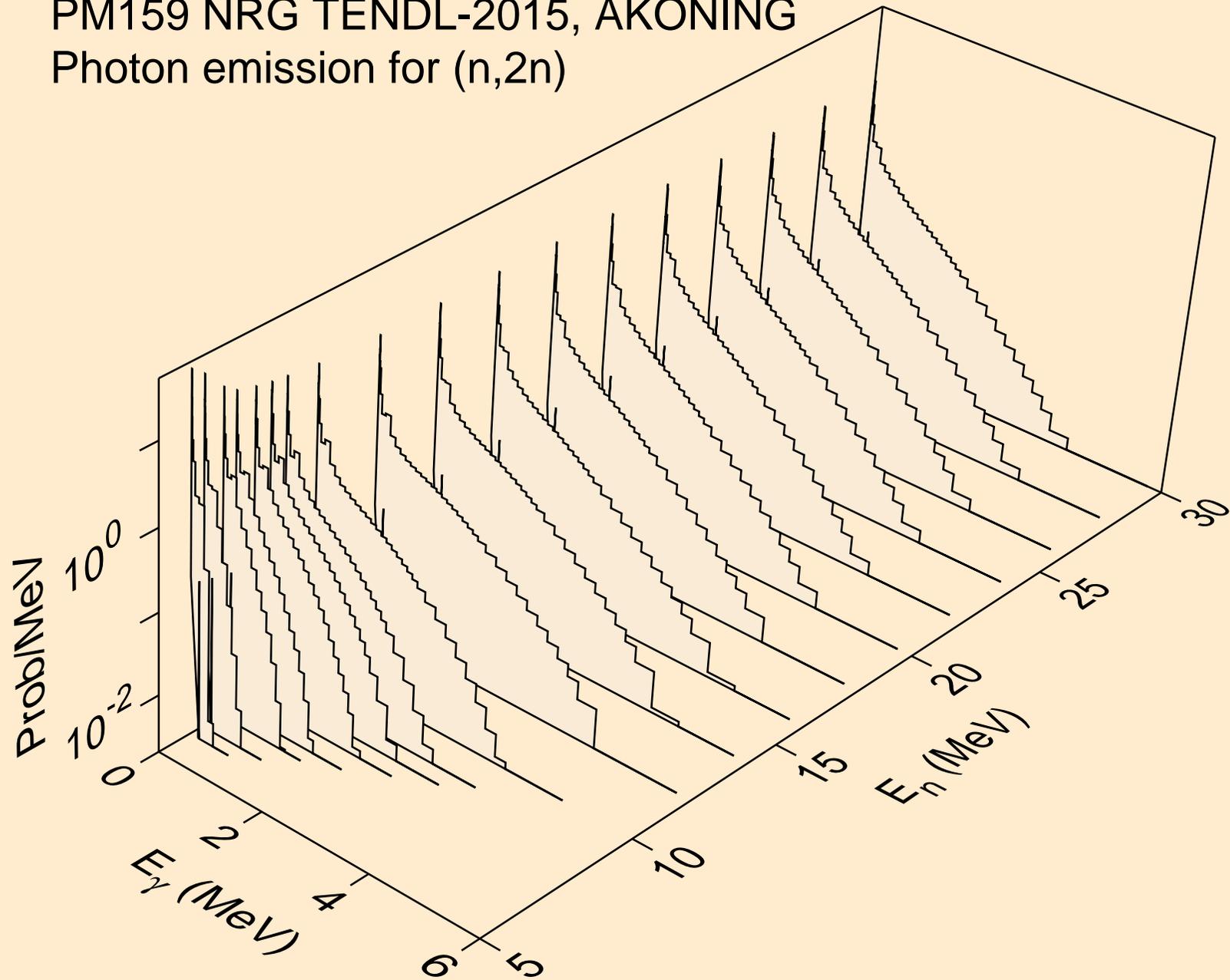
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Photon emission for (n,x)



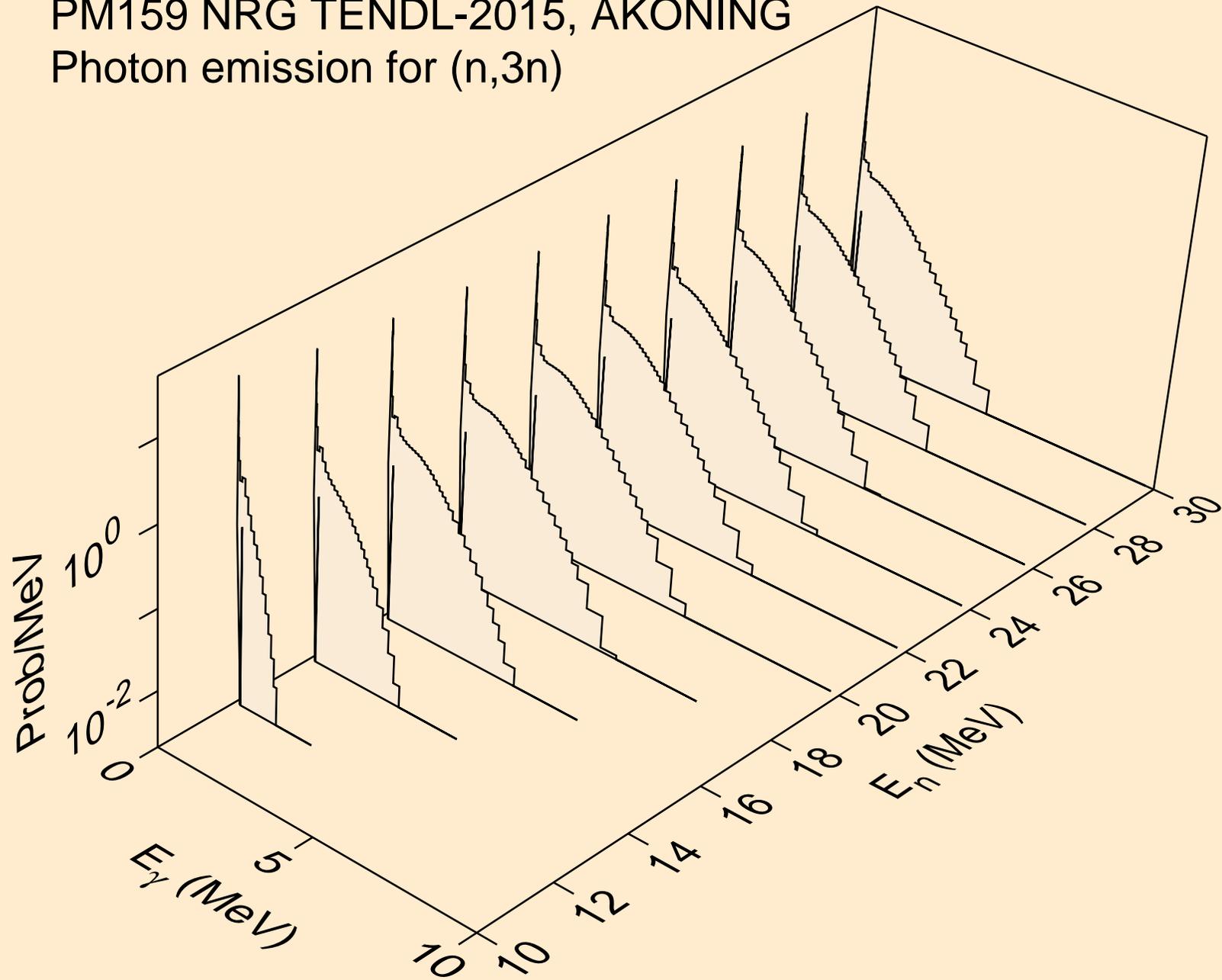
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Photon emission for (n,2nd)



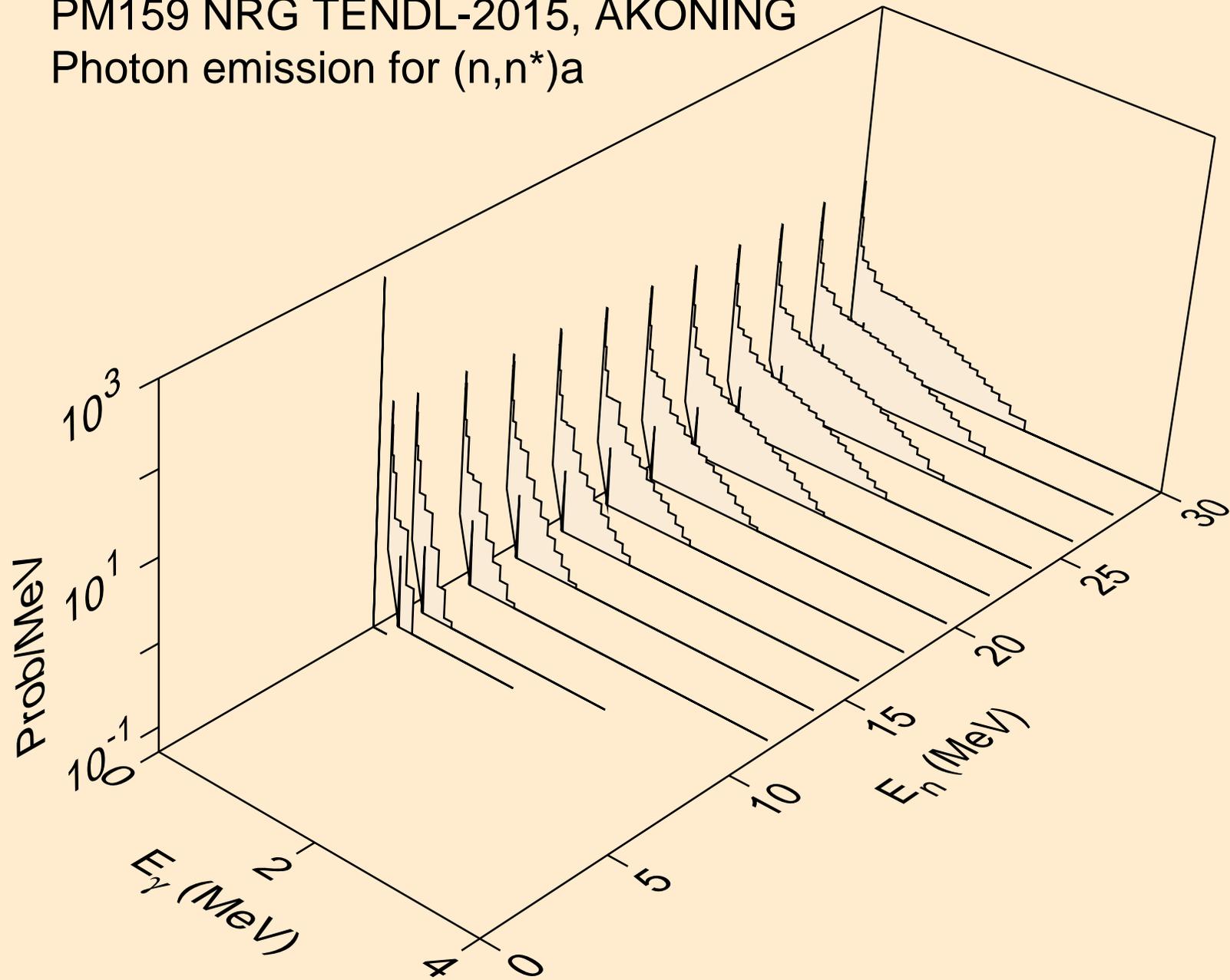
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Photon emission for (n,2n)



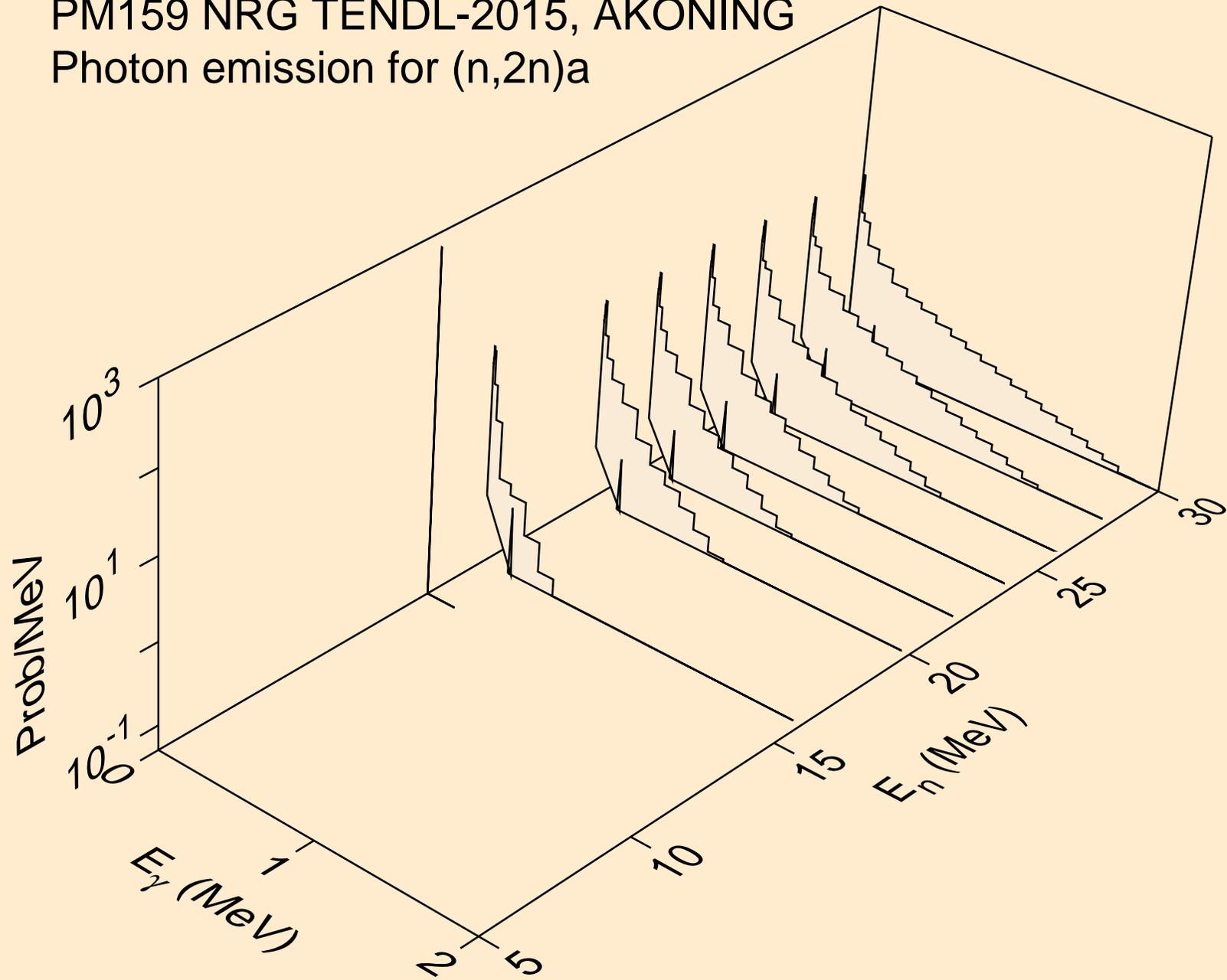
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Photon emission for (n,3n)



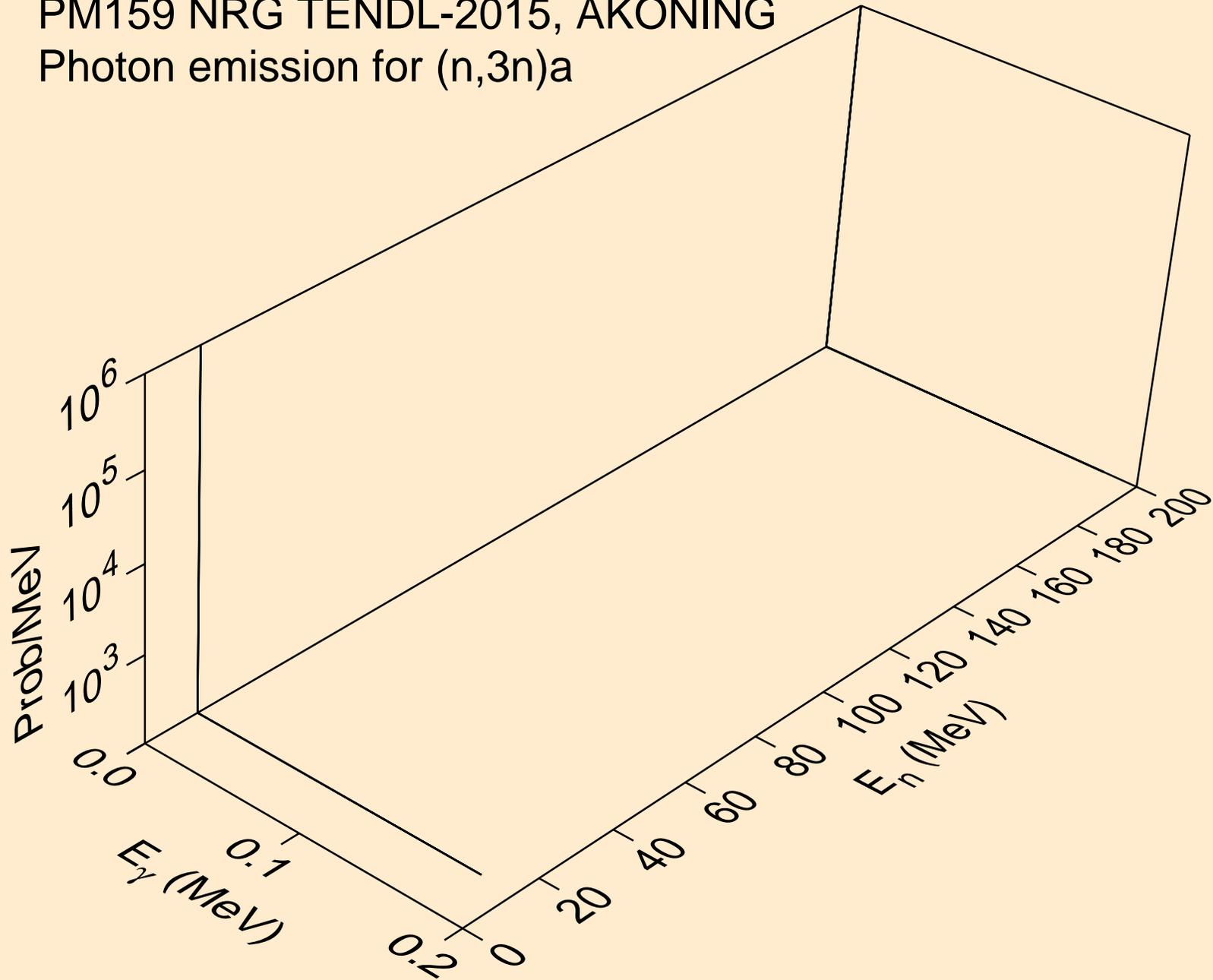
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Photon emission for (n,n\*)a



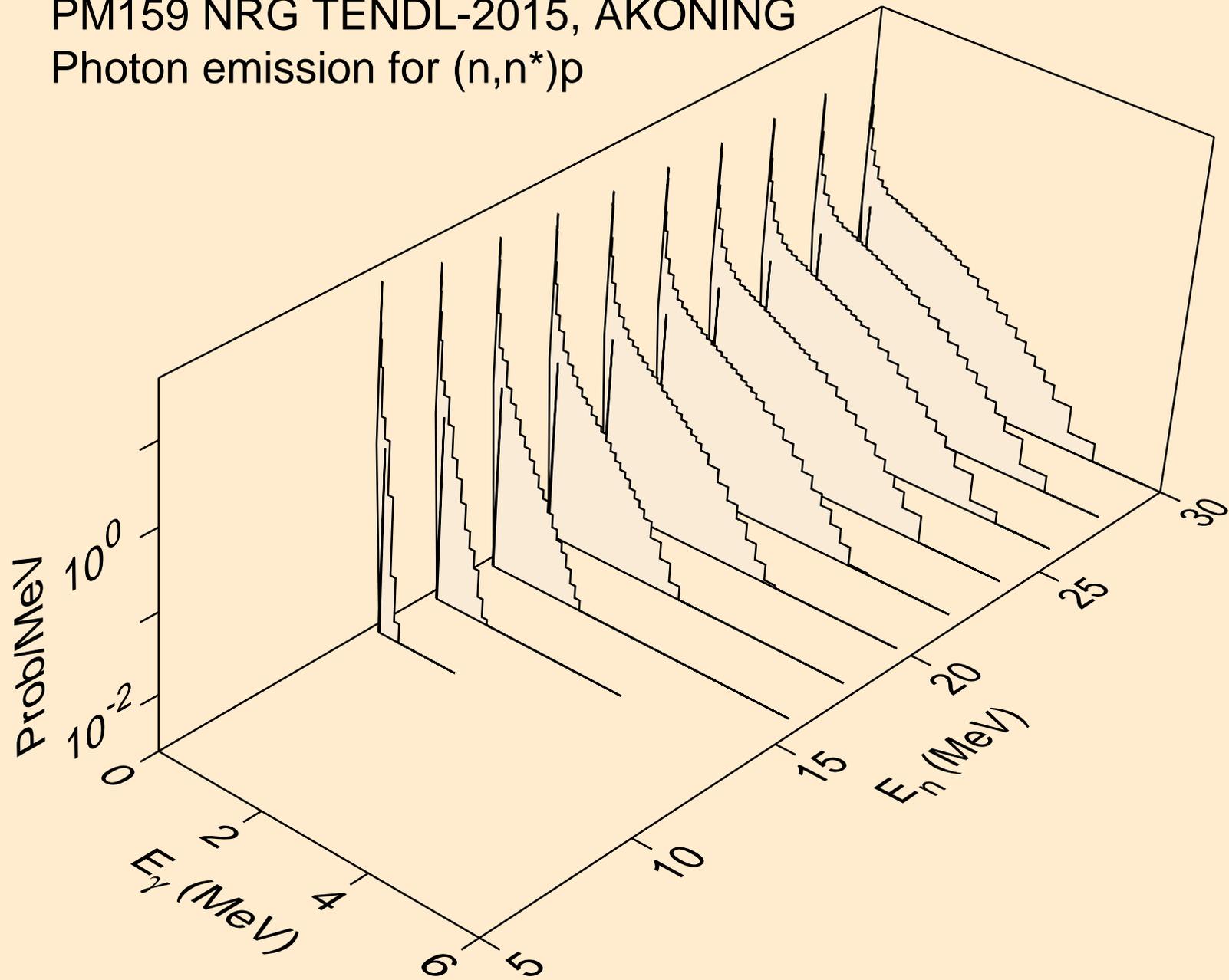
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Photon emission for (n,2n)a



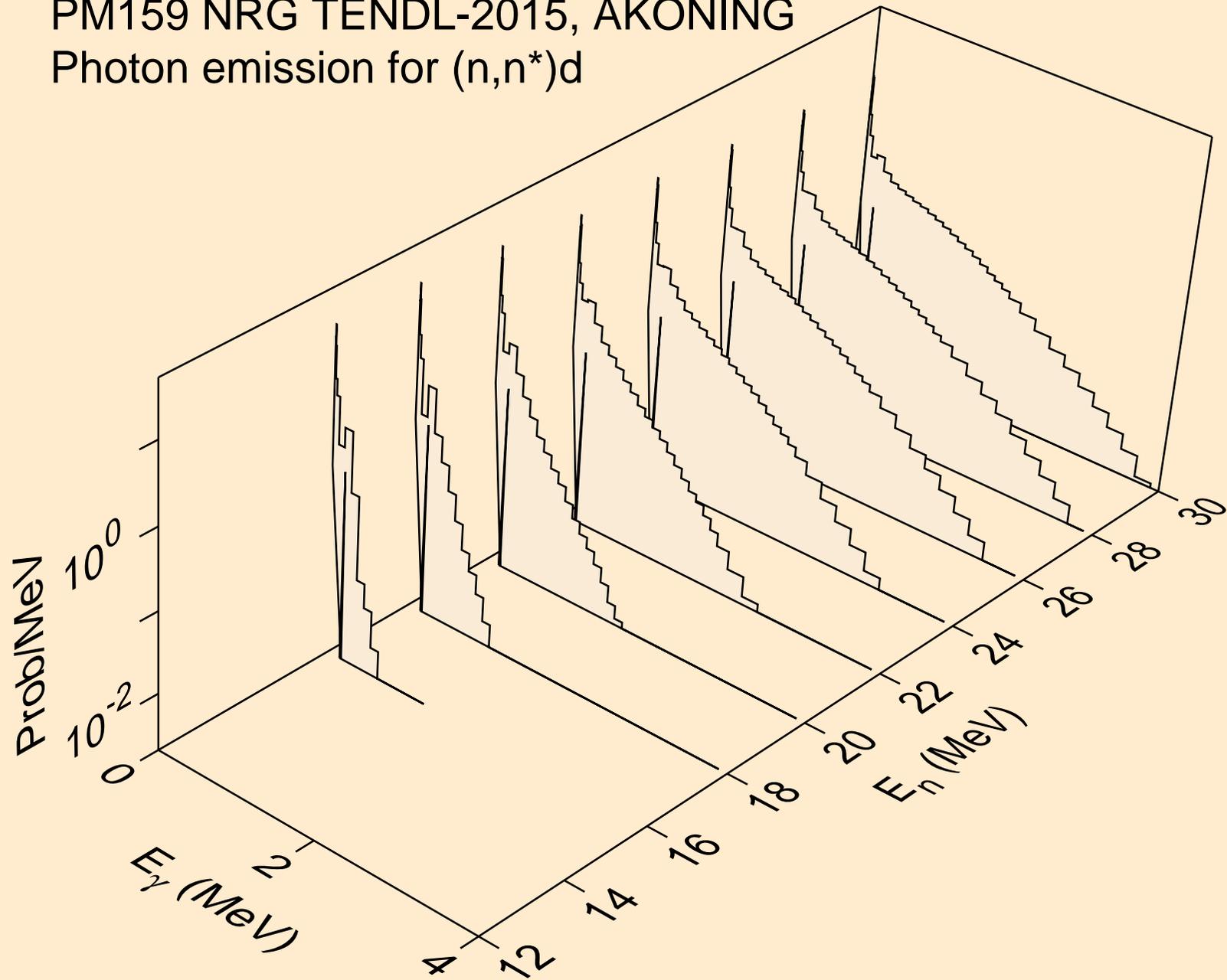
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Photon emission for (n,3n)a



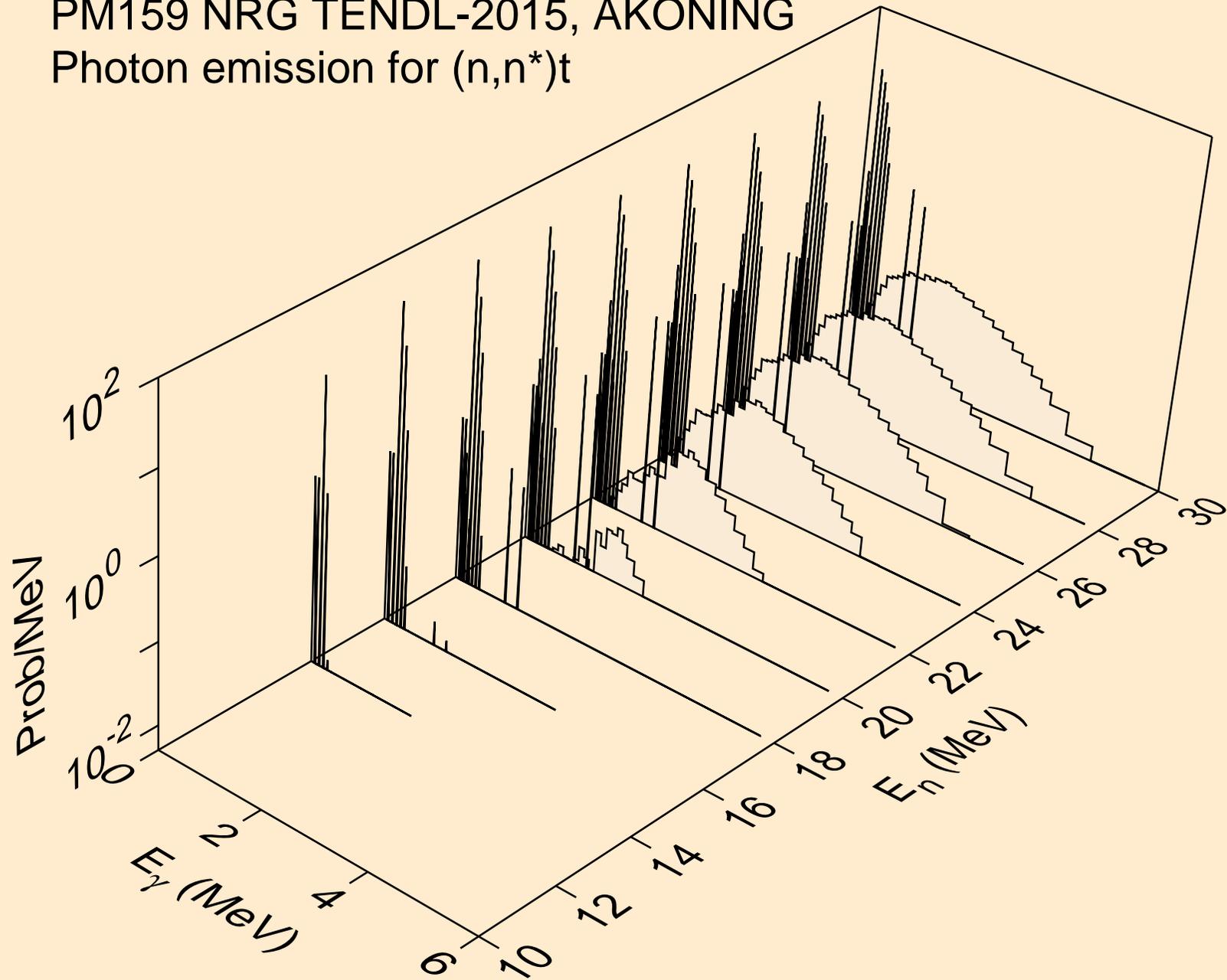
PM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



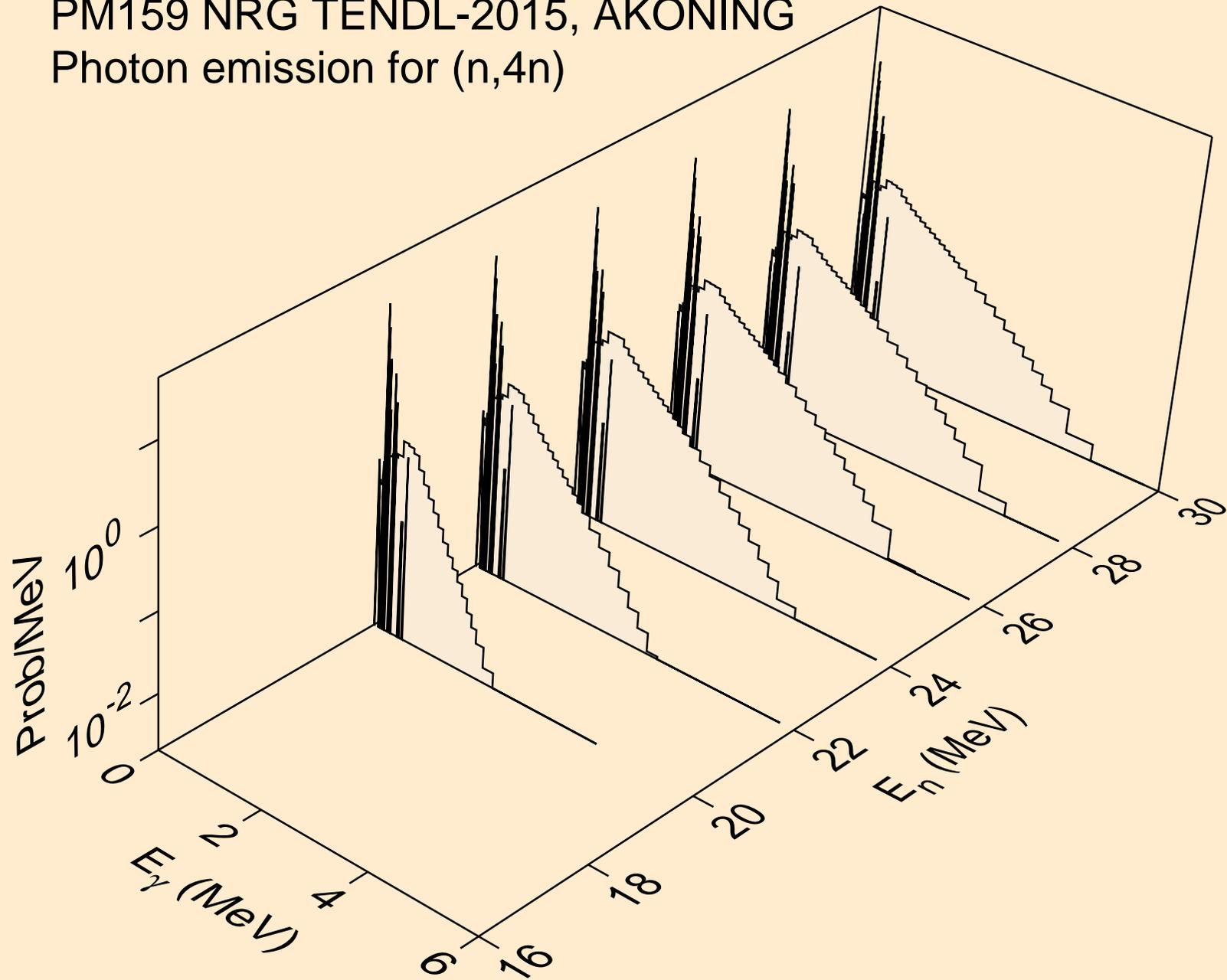
PM159 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



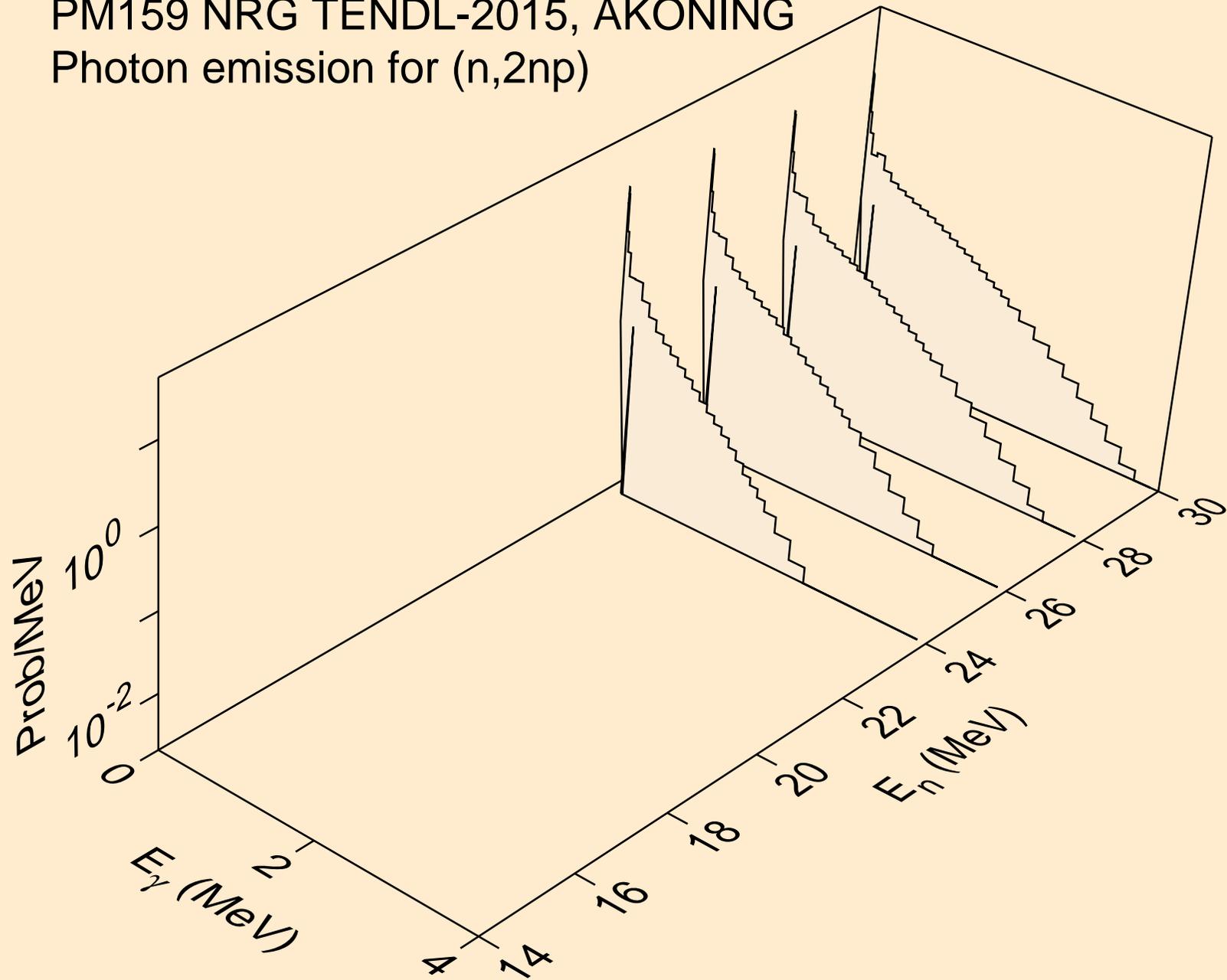
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Photon emission for (n,n\*)t



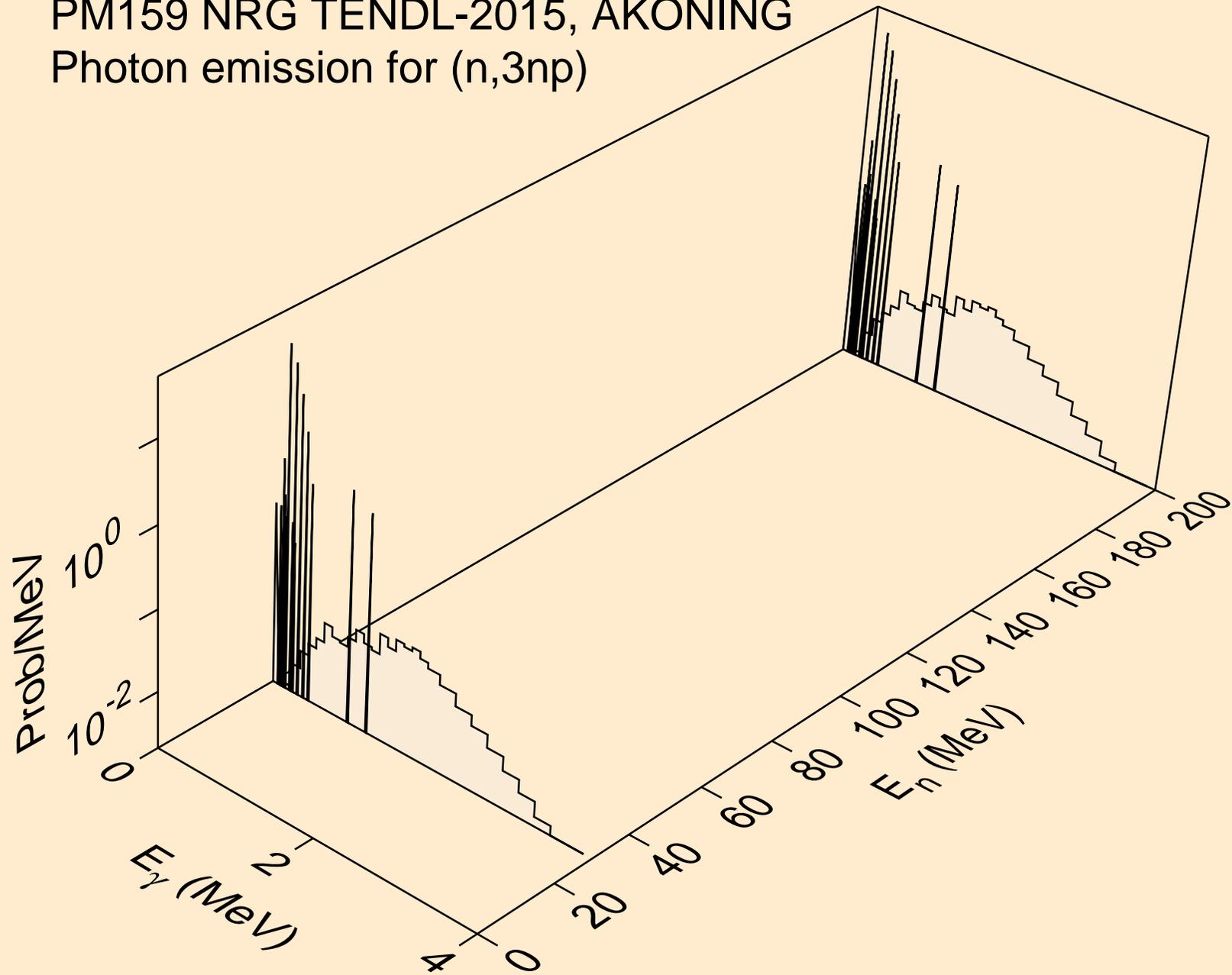
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Photon emission for (n,4n)



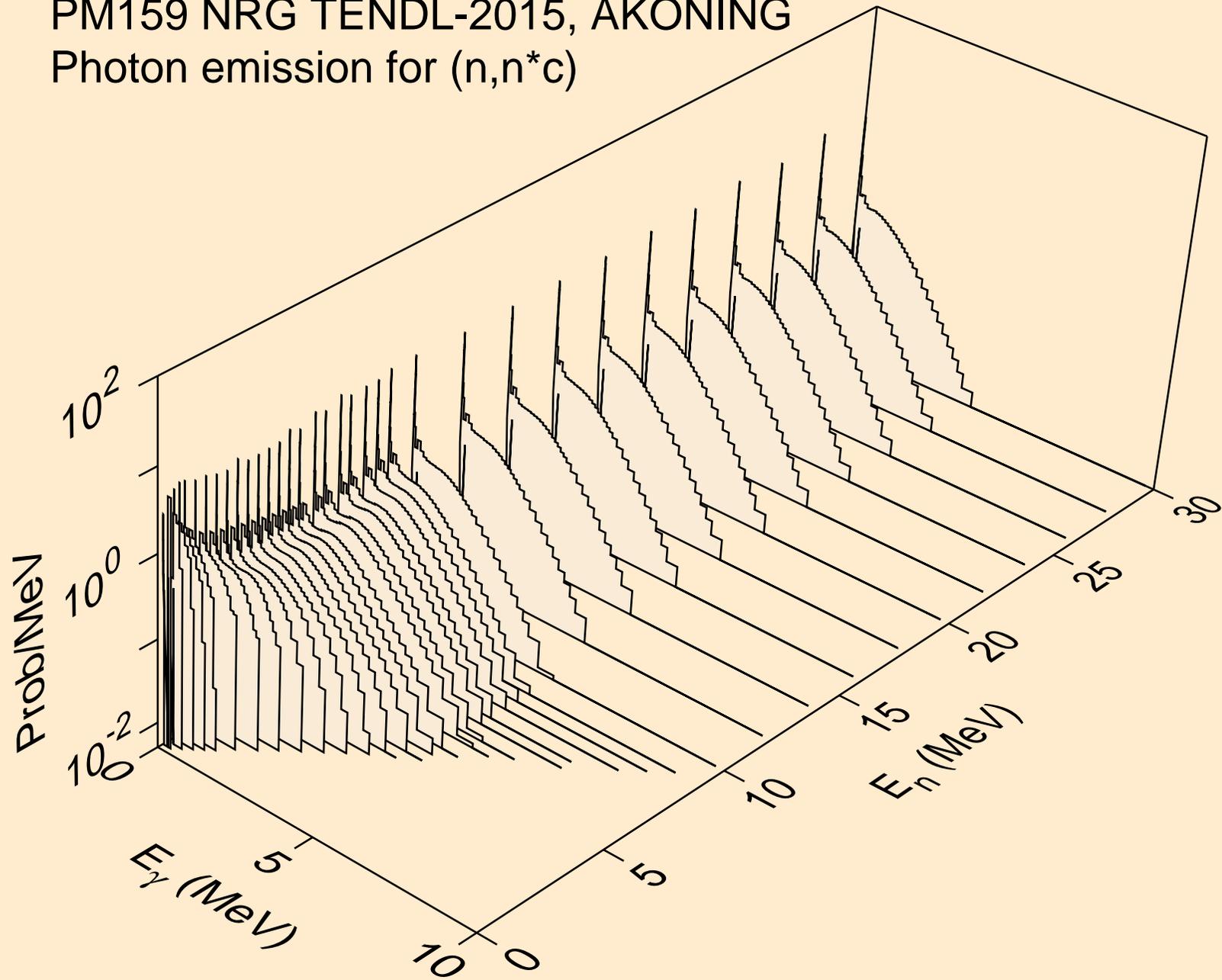
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Photon emission for (n,2np)



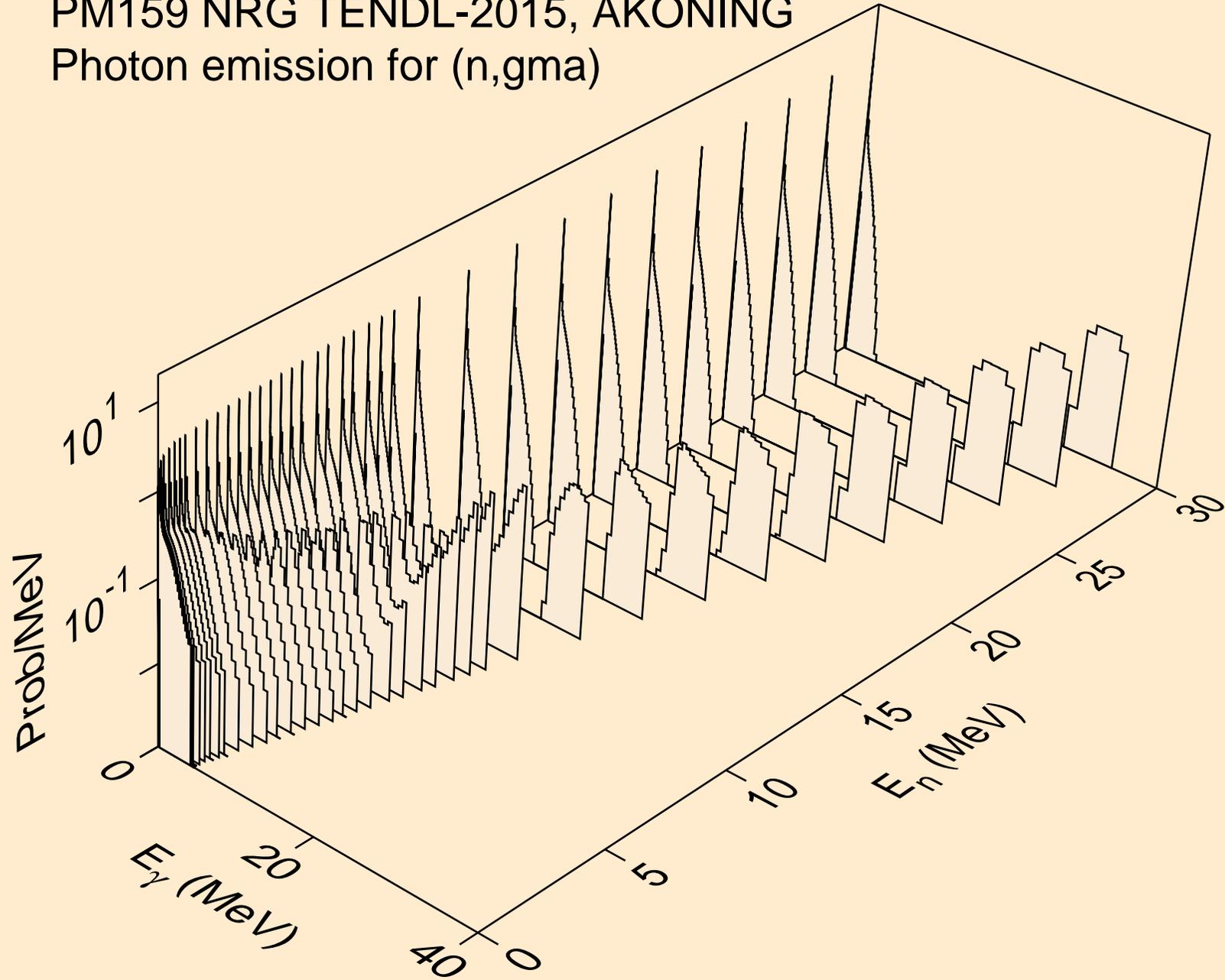
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Photon emission for (n,3np)



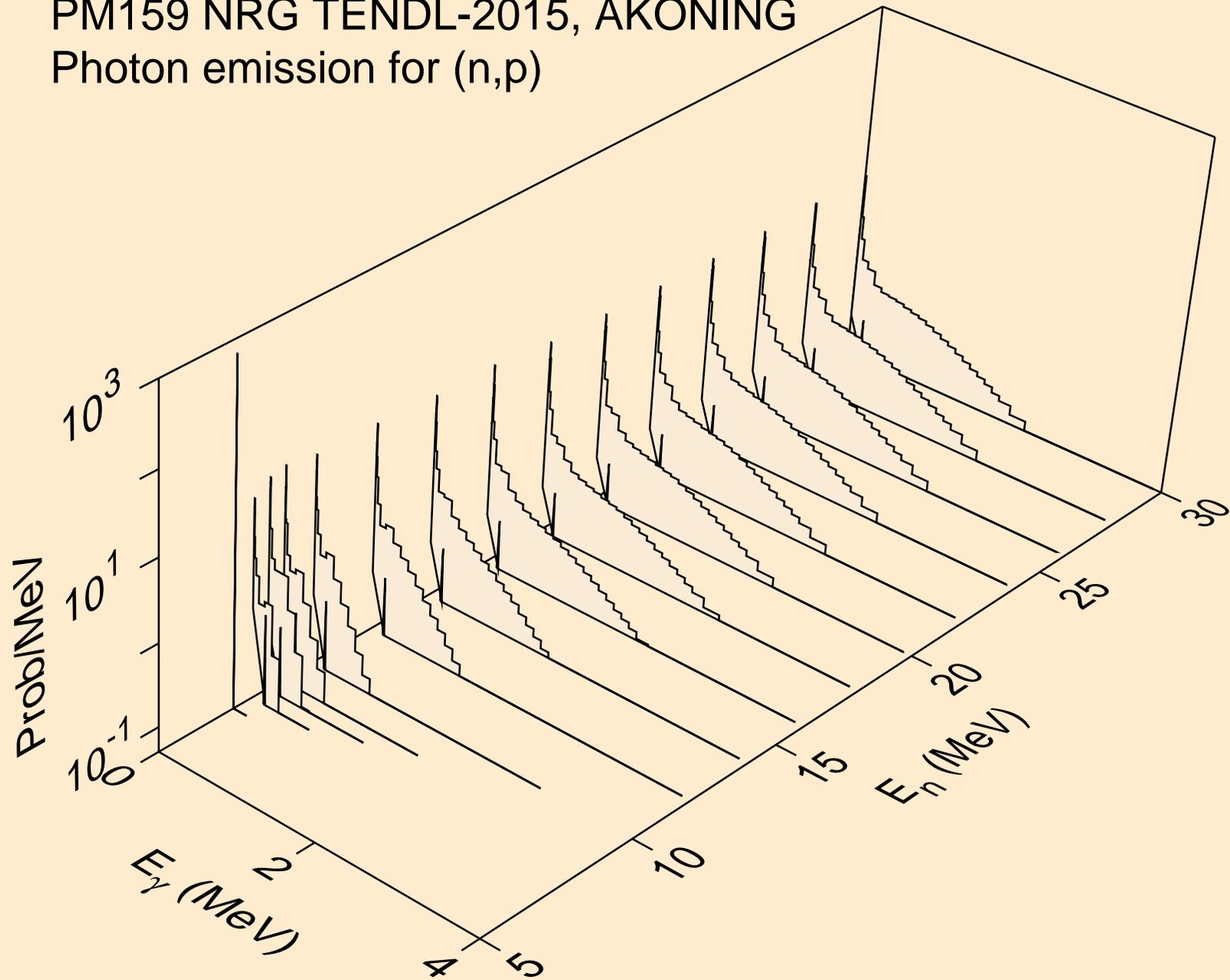
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Photon emission for (n,n\*c)



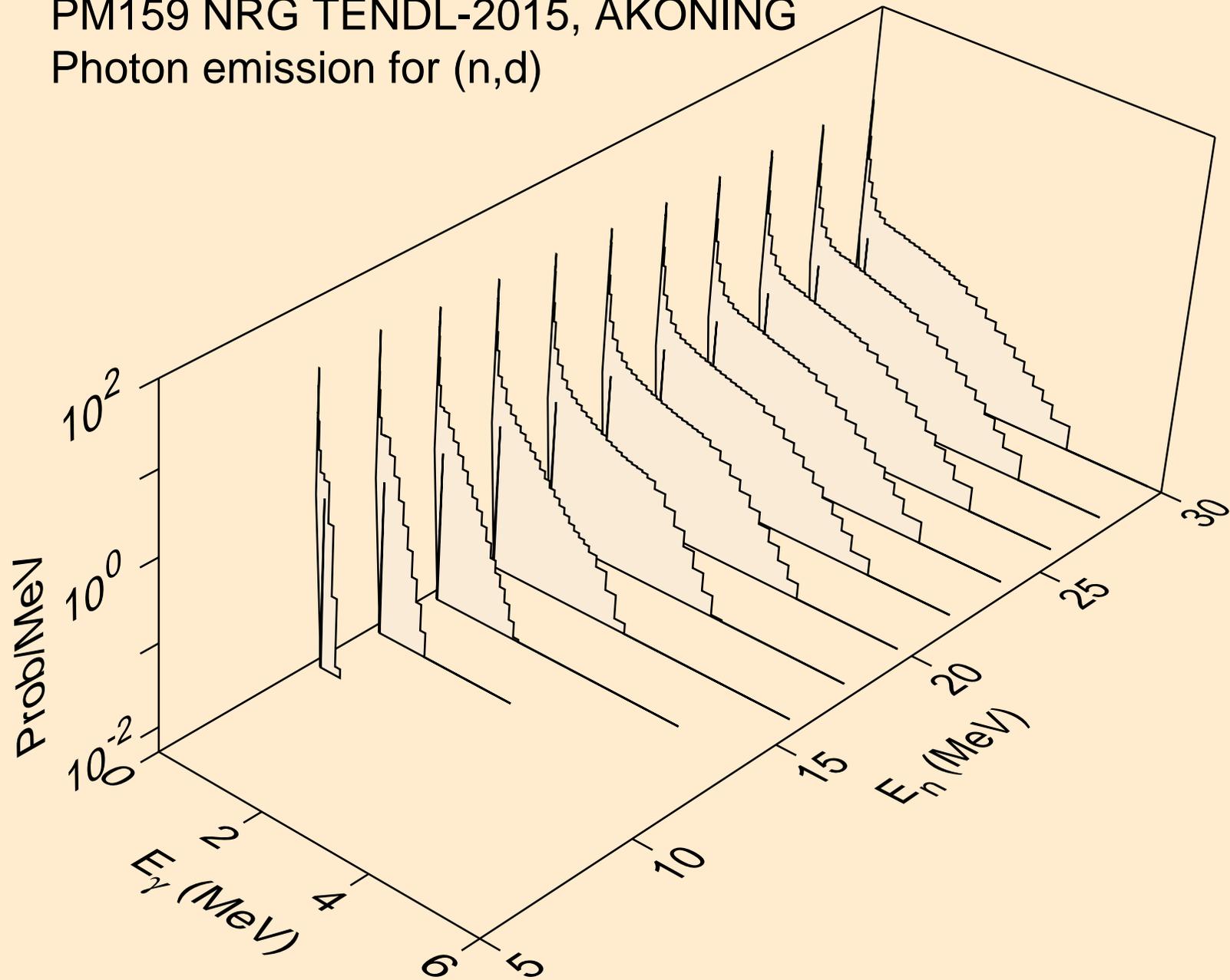
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Photon emission for (n,gma)



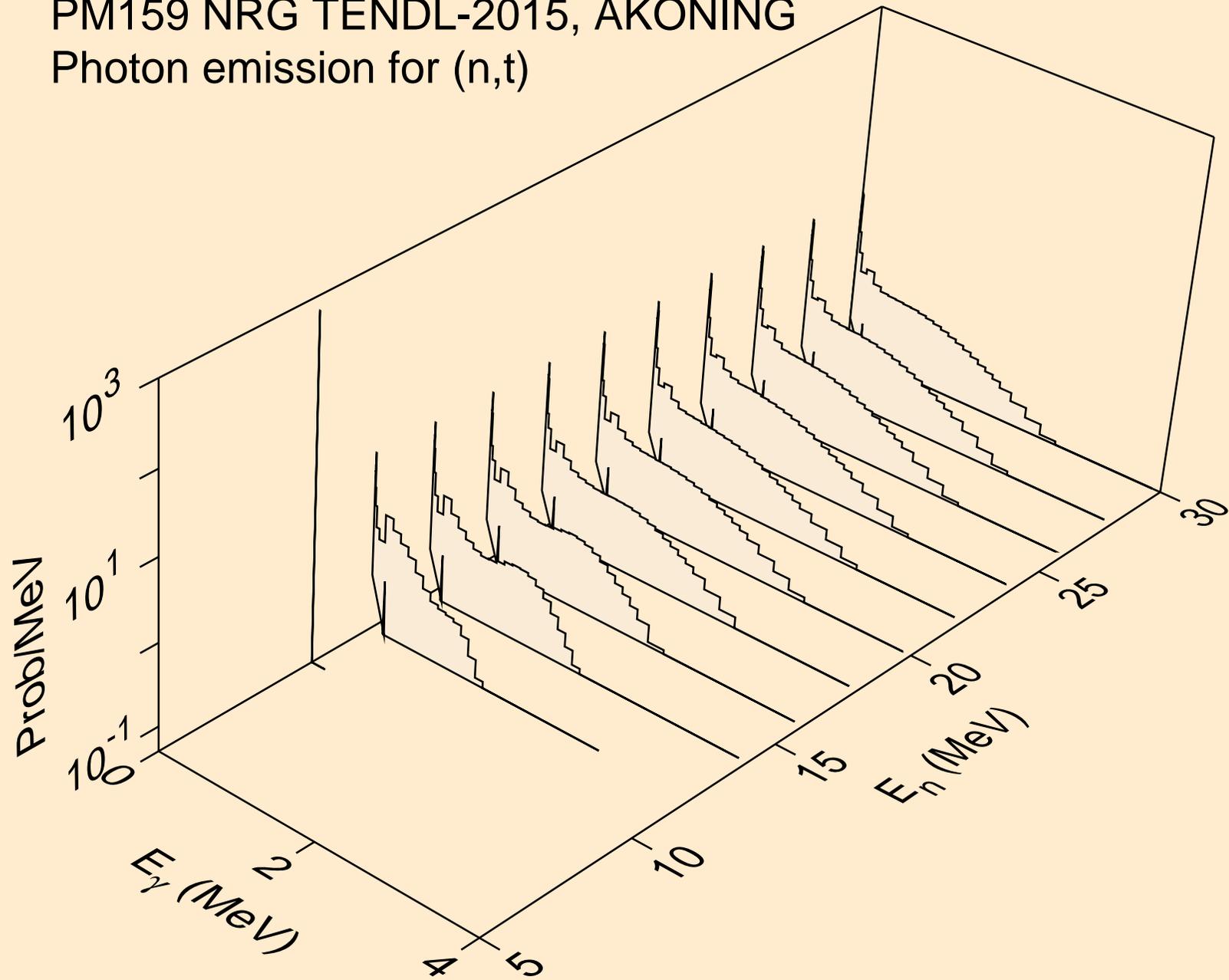
PM159 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



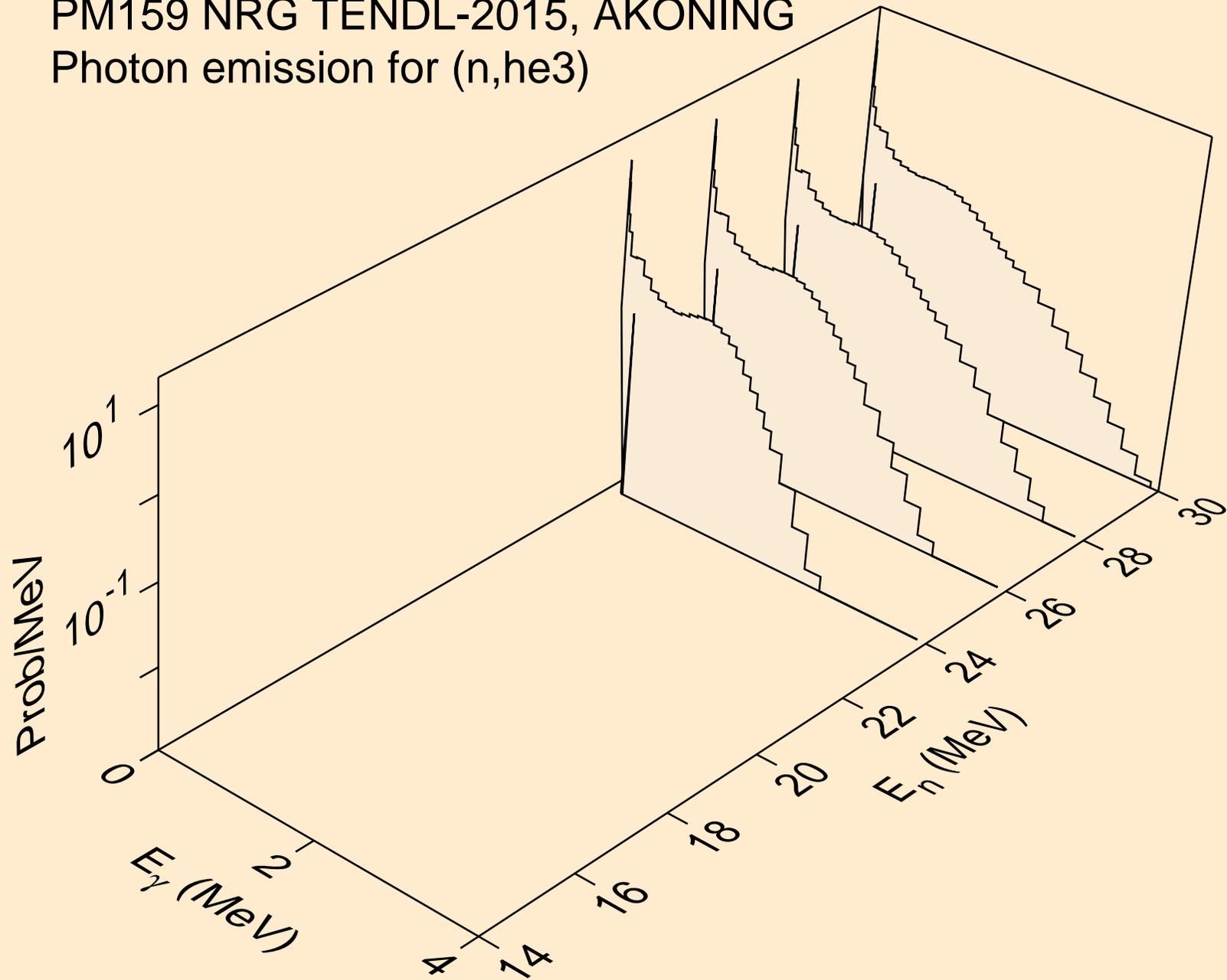
PM159 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



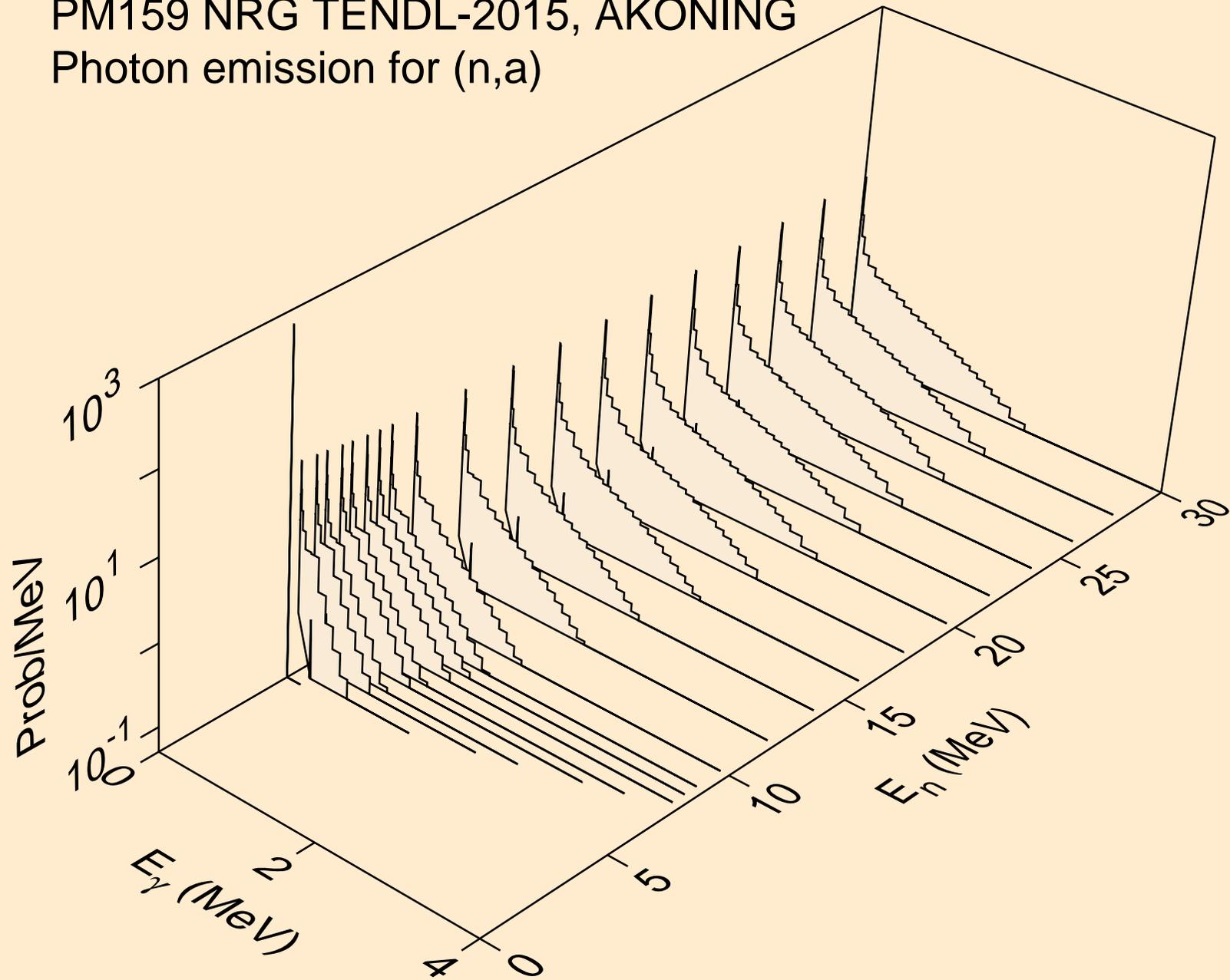
PM159 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



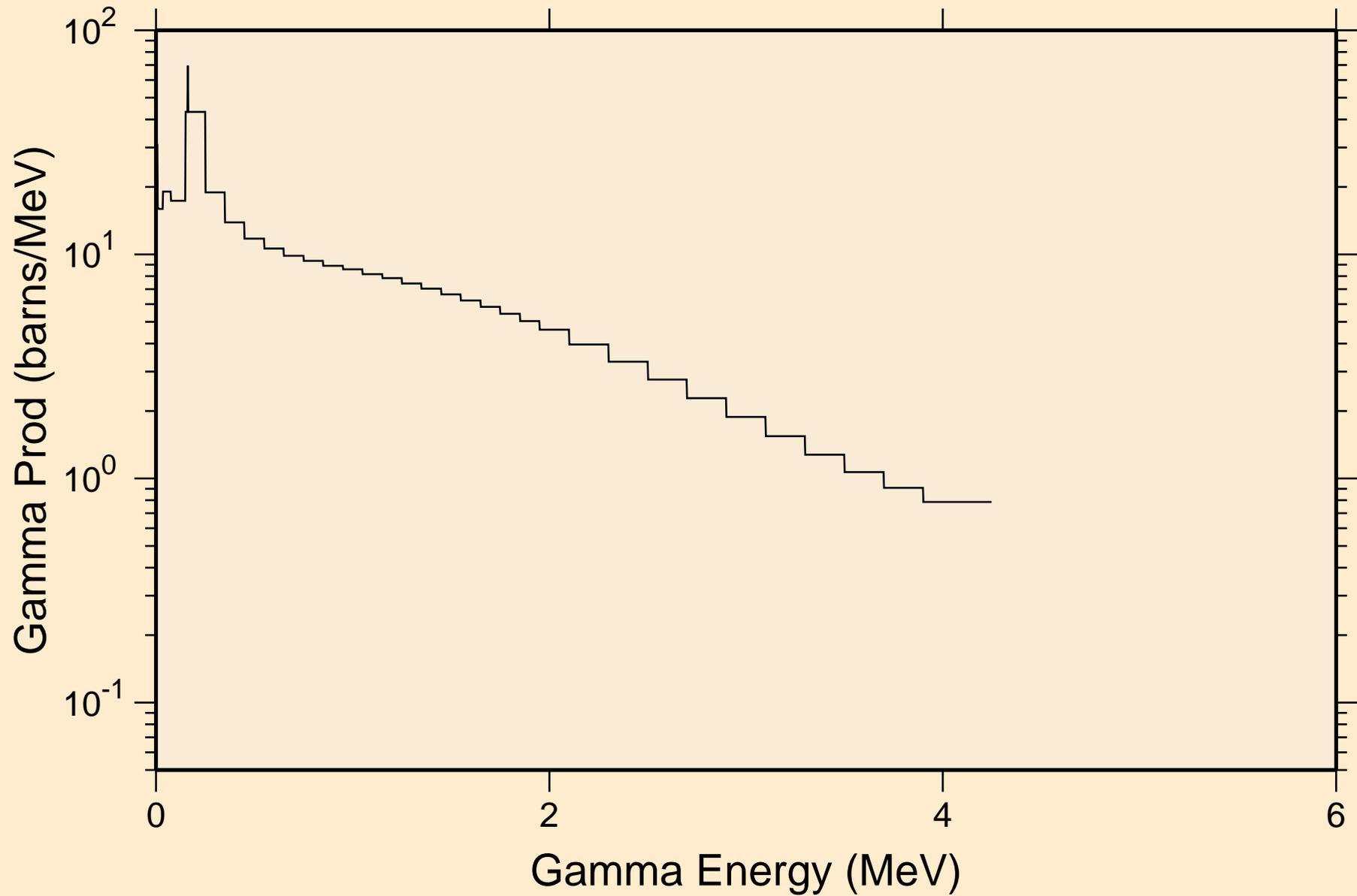
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Photon emission for (n,he3)



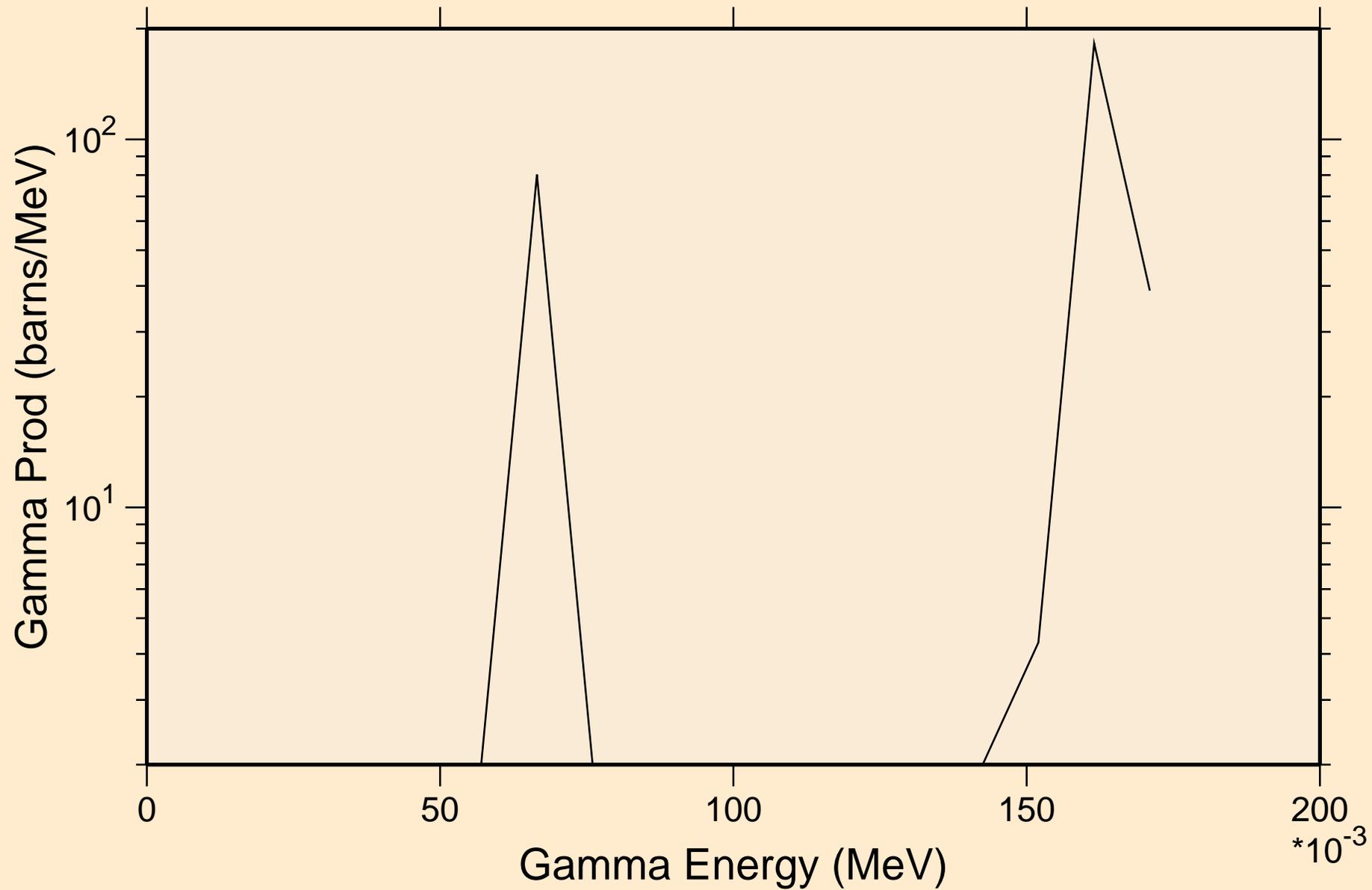
PM159 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



PM159 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

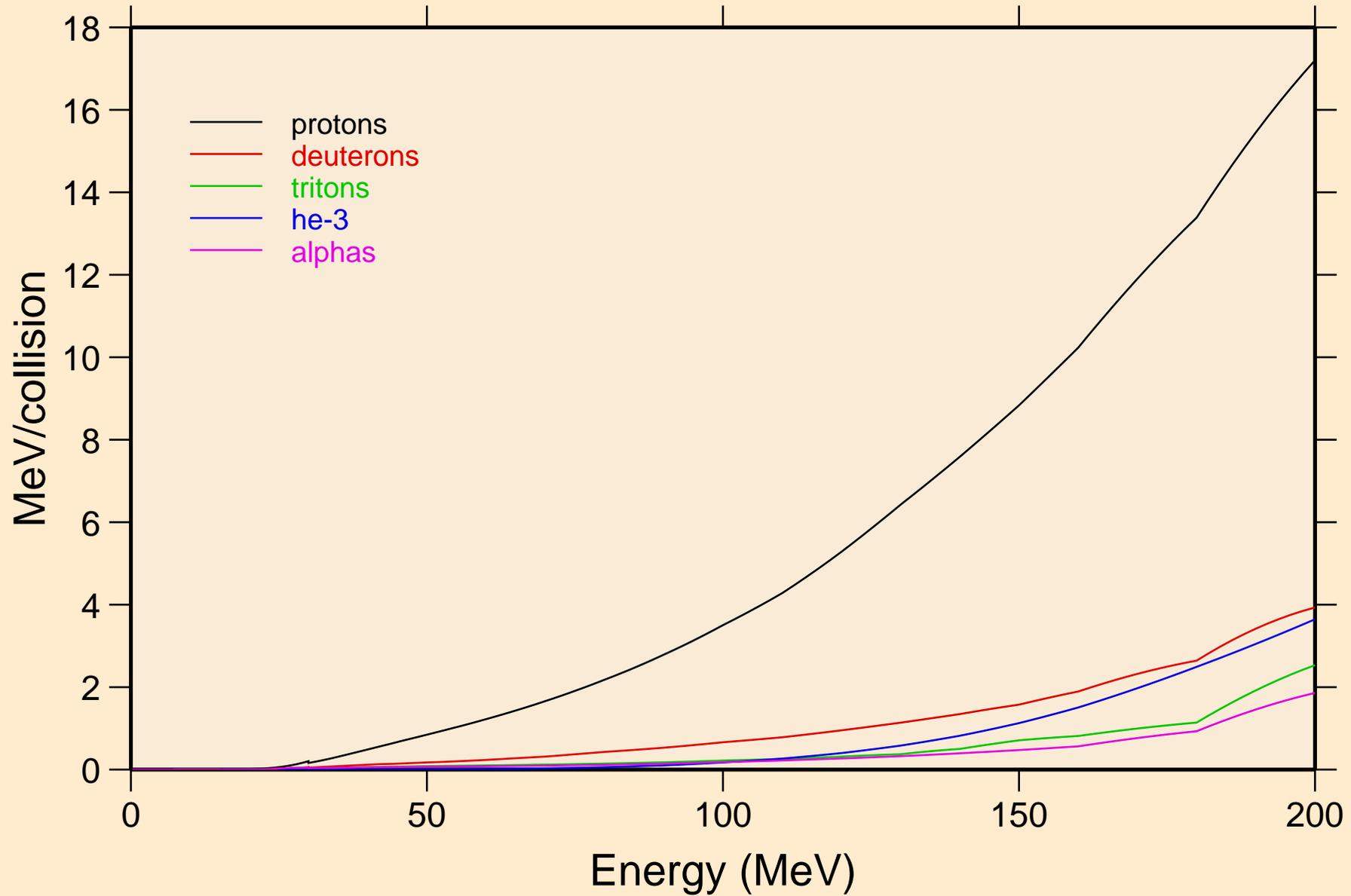


PM159 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



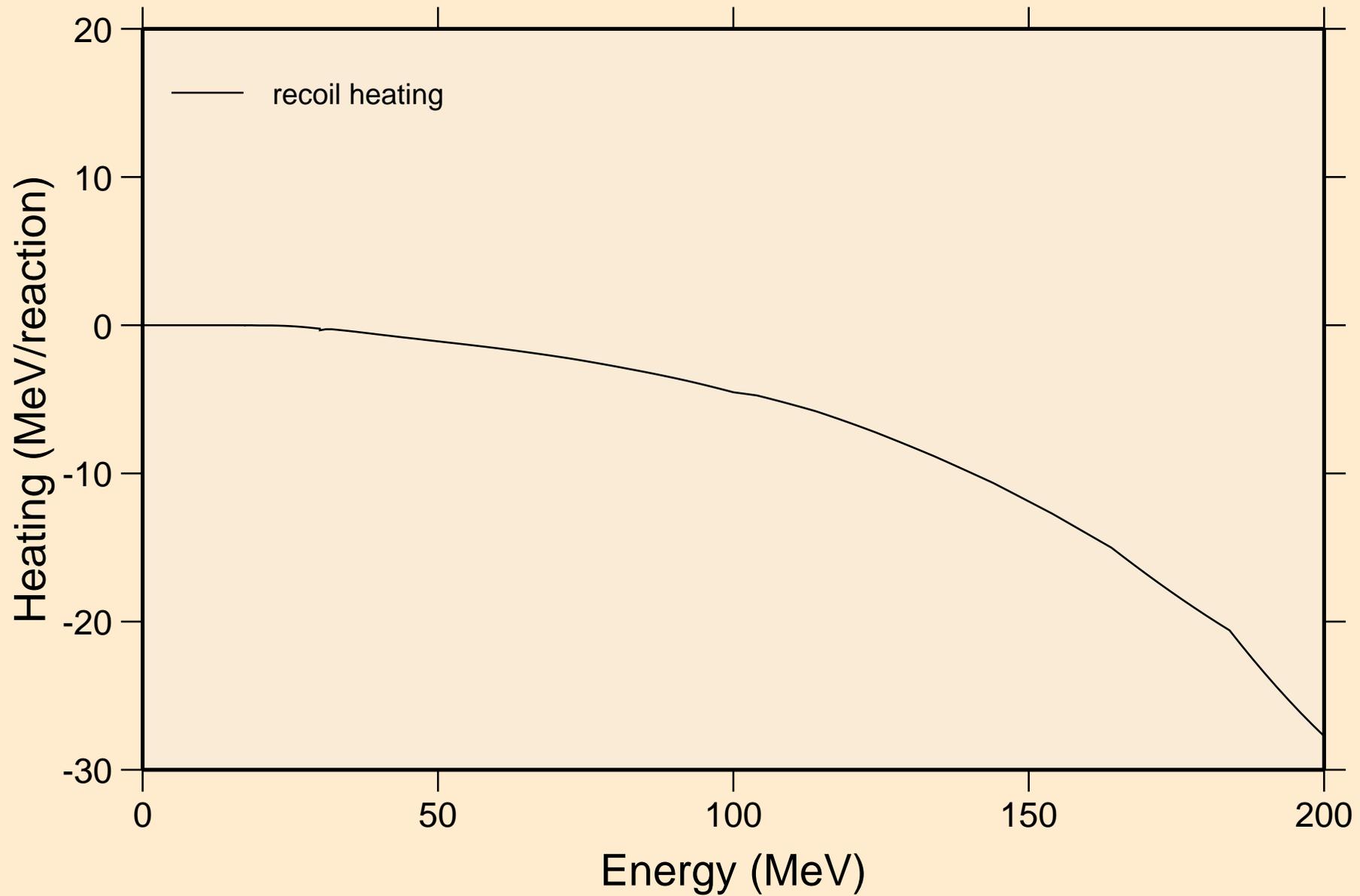
# PM159 NRG TENDL-2015, AKONING

## Particle heating contributions



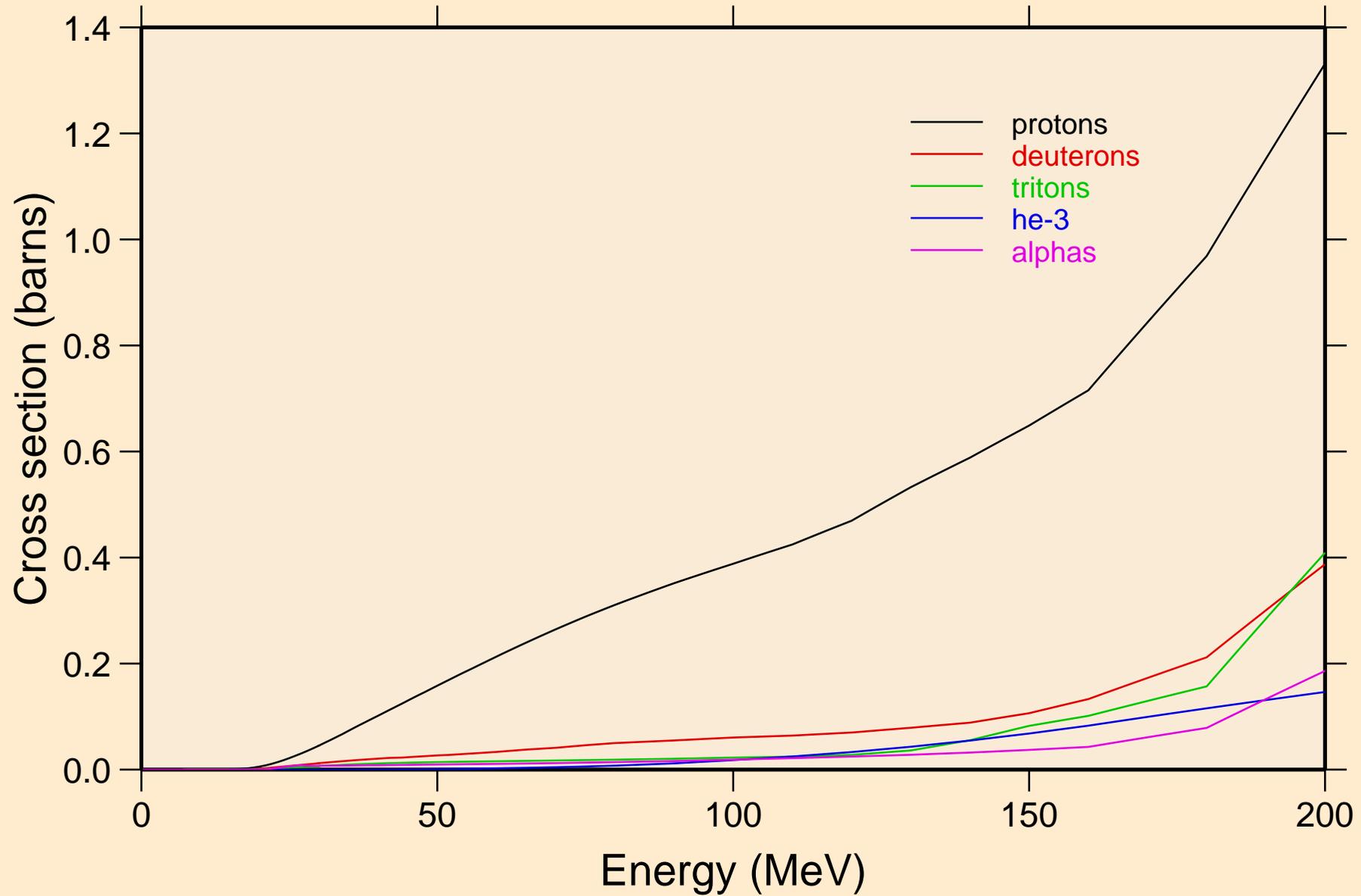
# PM159 NRG TENDL-2015, AKONING

## Recoil Heating

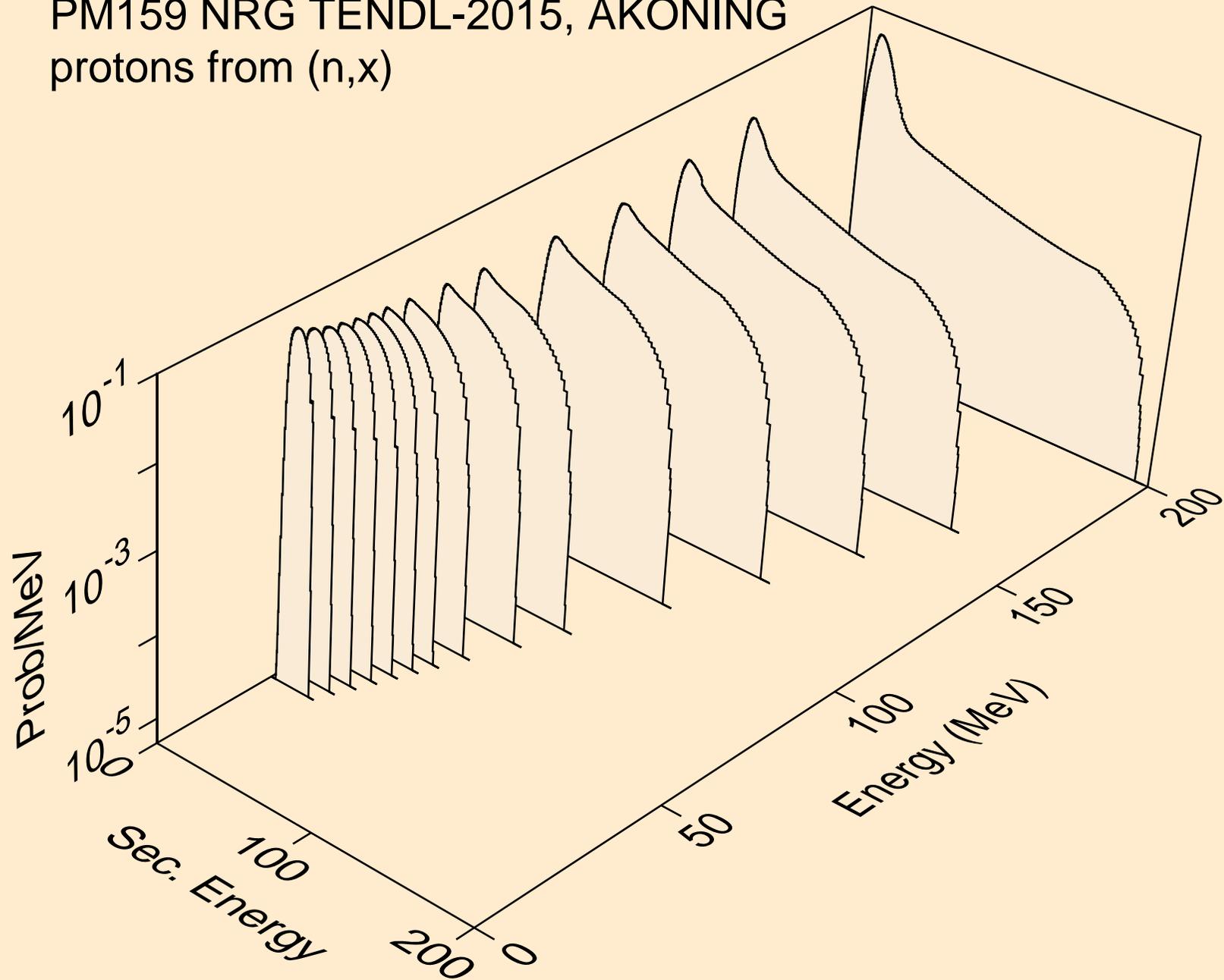


# PM159 NRG TENDL-2015, AKONING

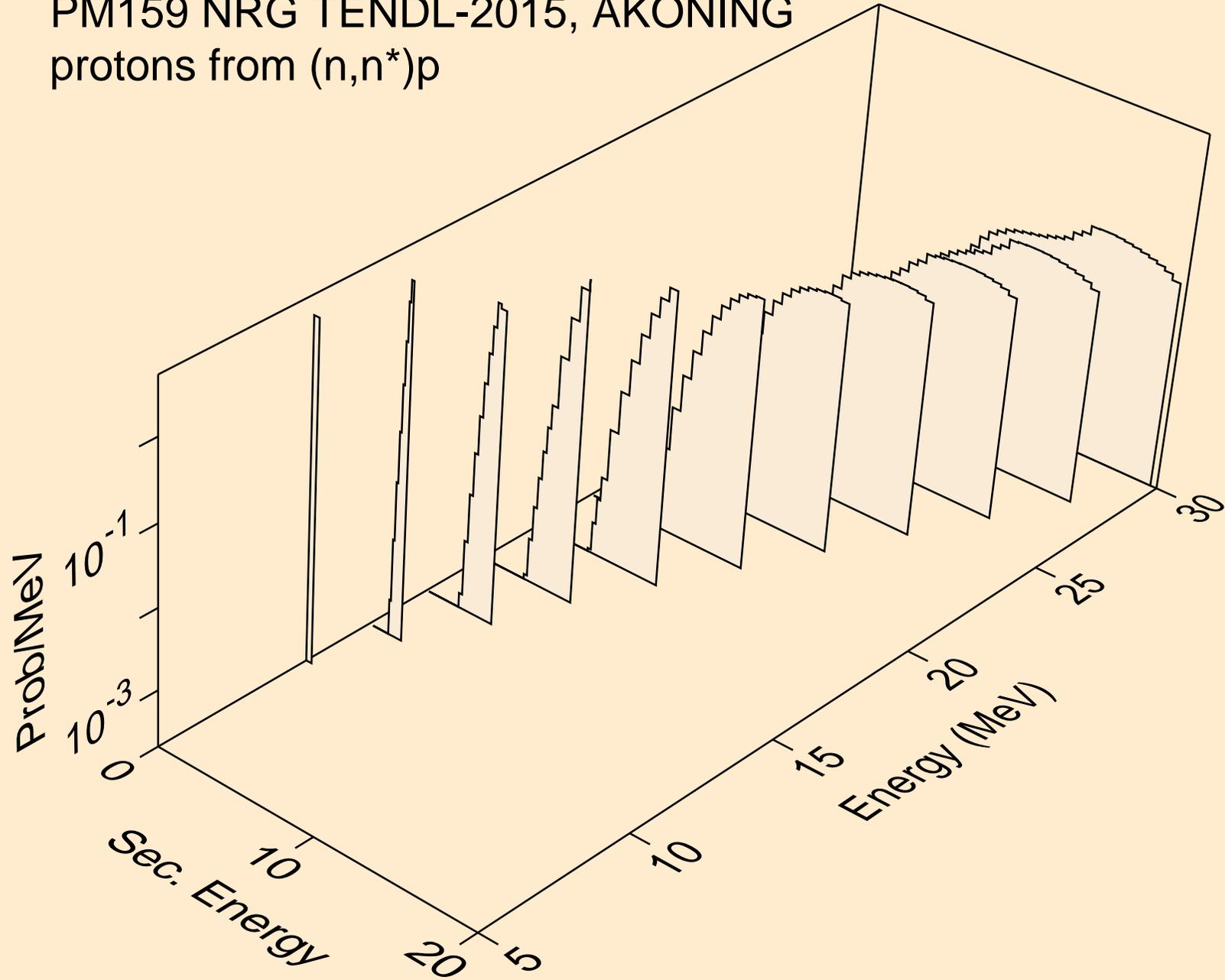
## Particle production cross sections



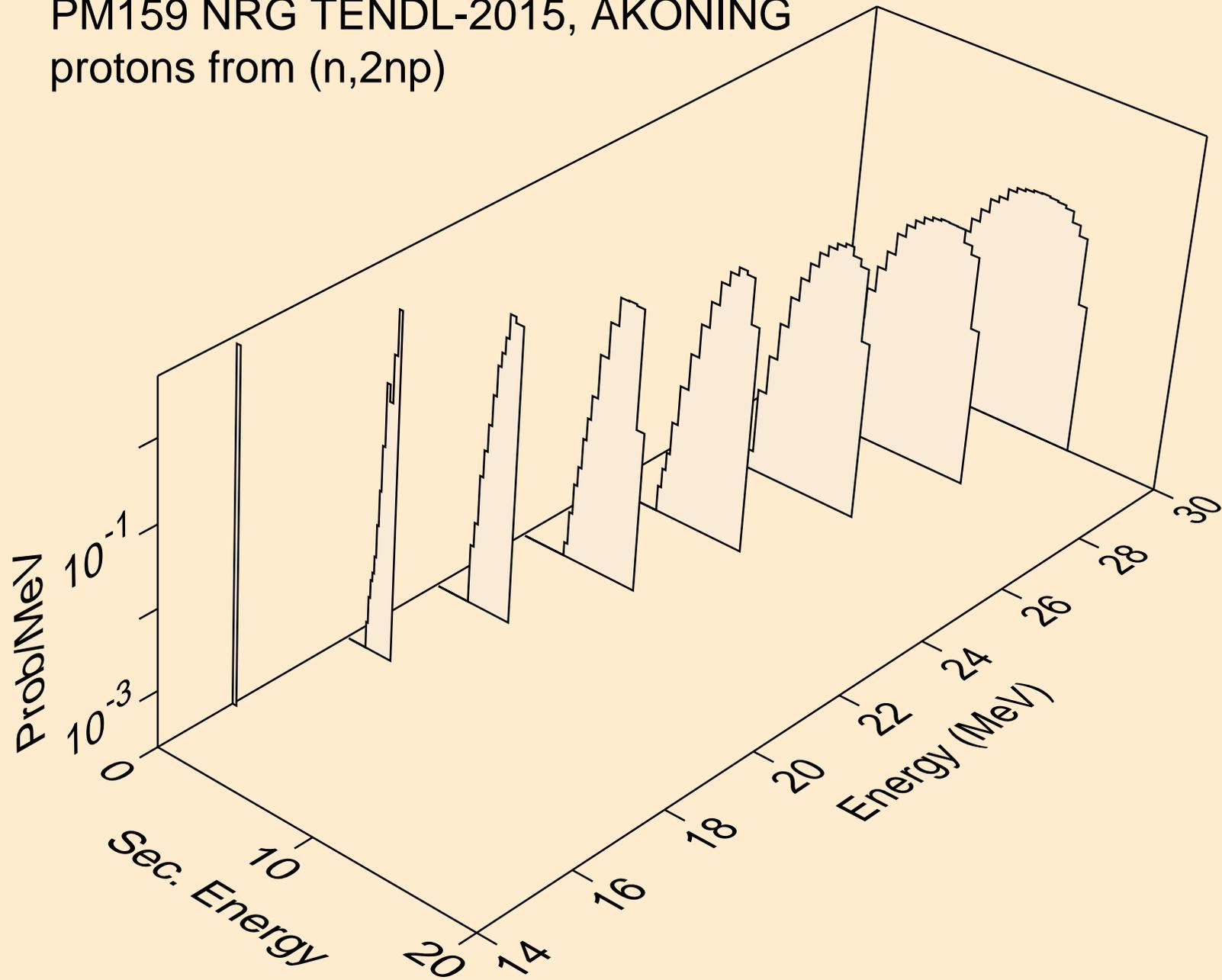
PM159 NRG TENDL-2015, AKONING  
protons from (n,x)



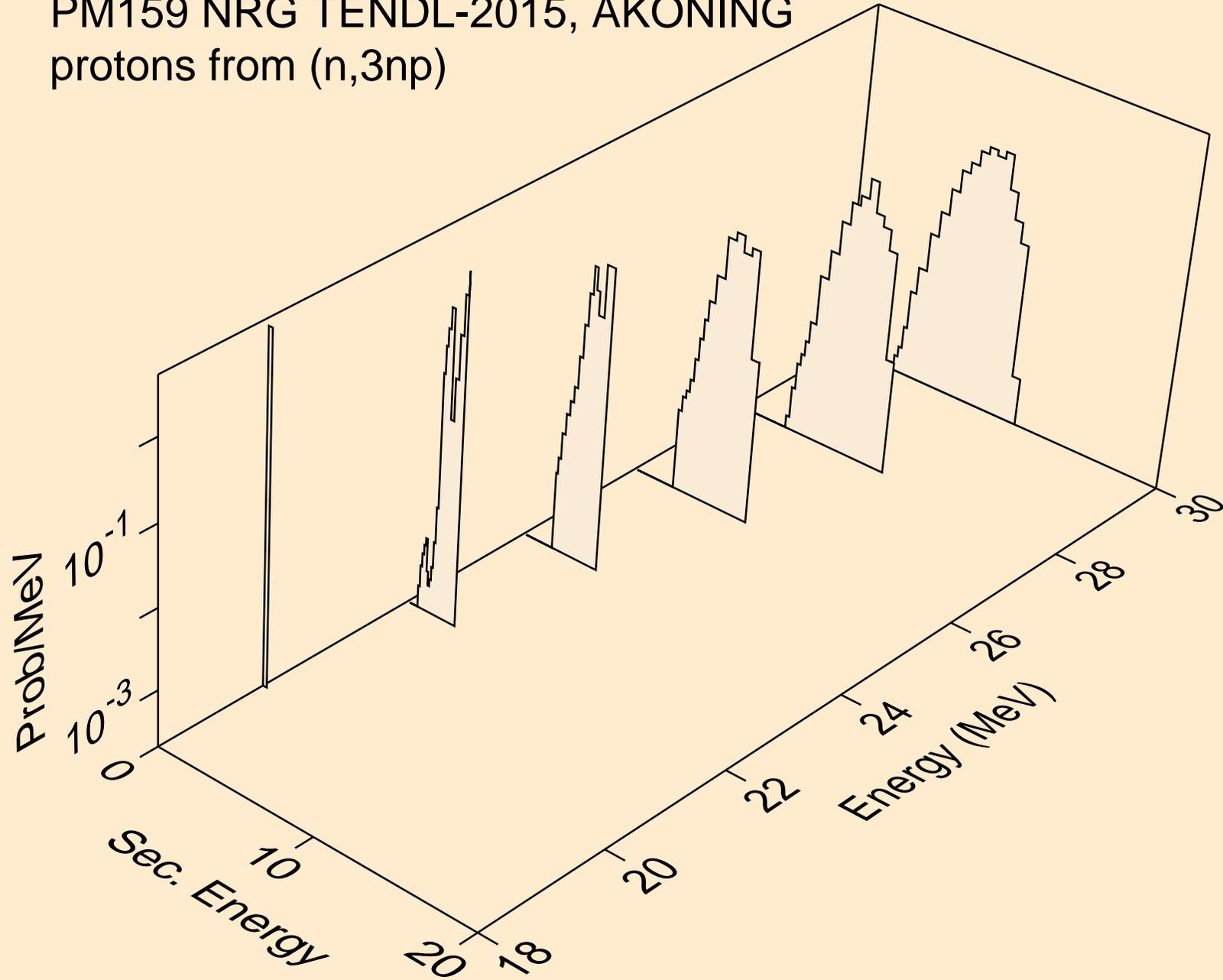
PM159 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



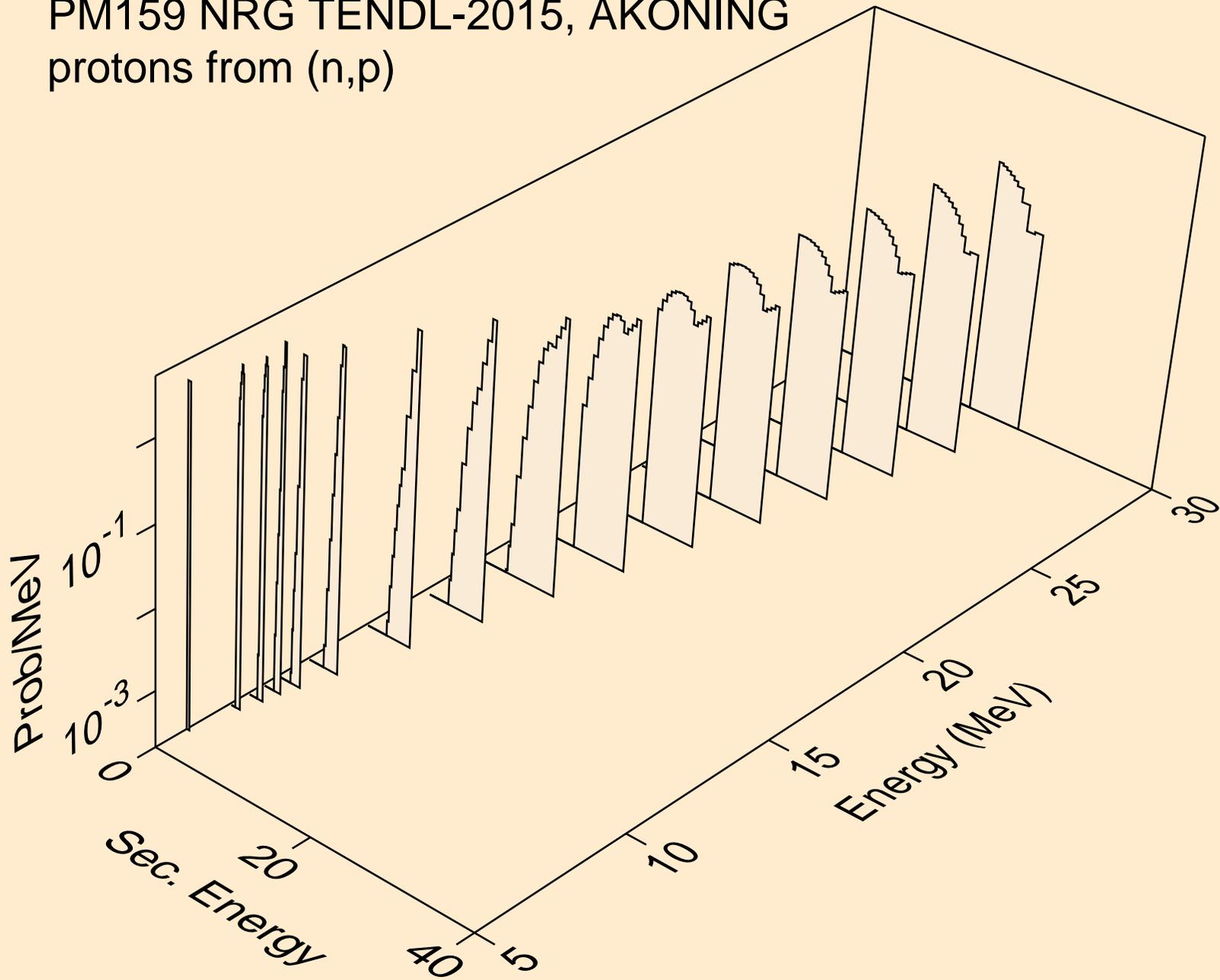
PM159 NRG TENDL-2015, AKONING  
protons from (n,2np)



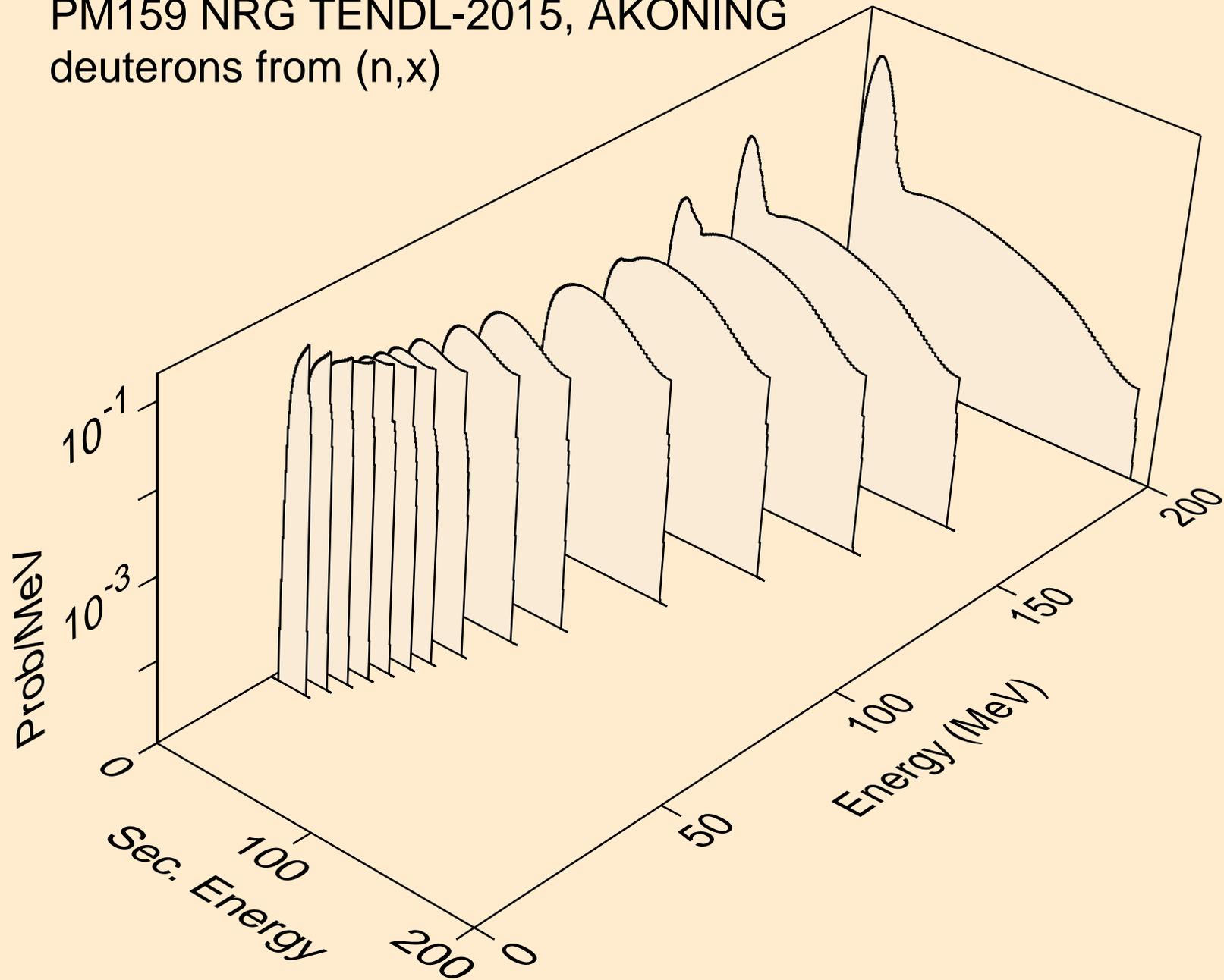
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protons from (n,3np)



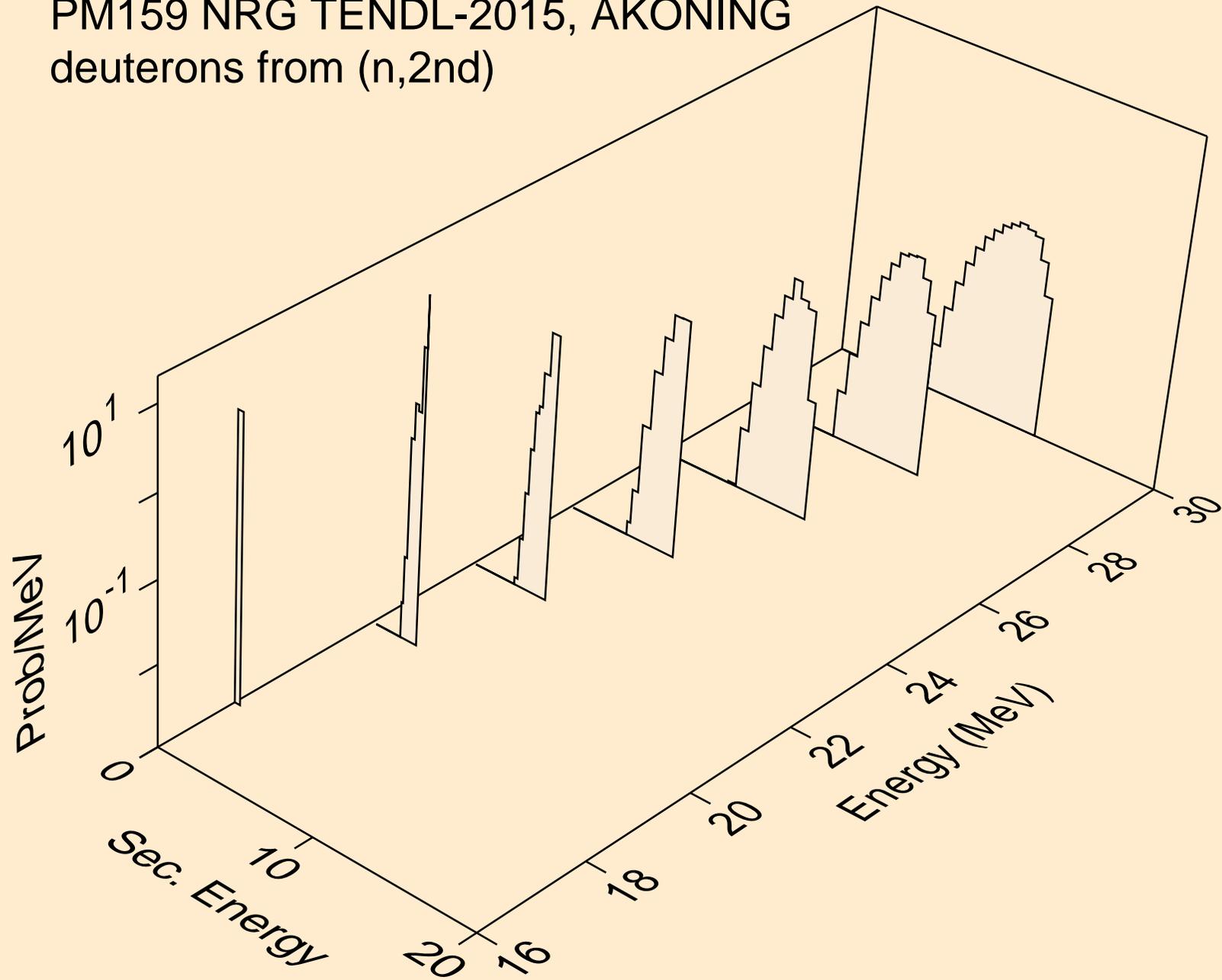
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protons from (n,p)



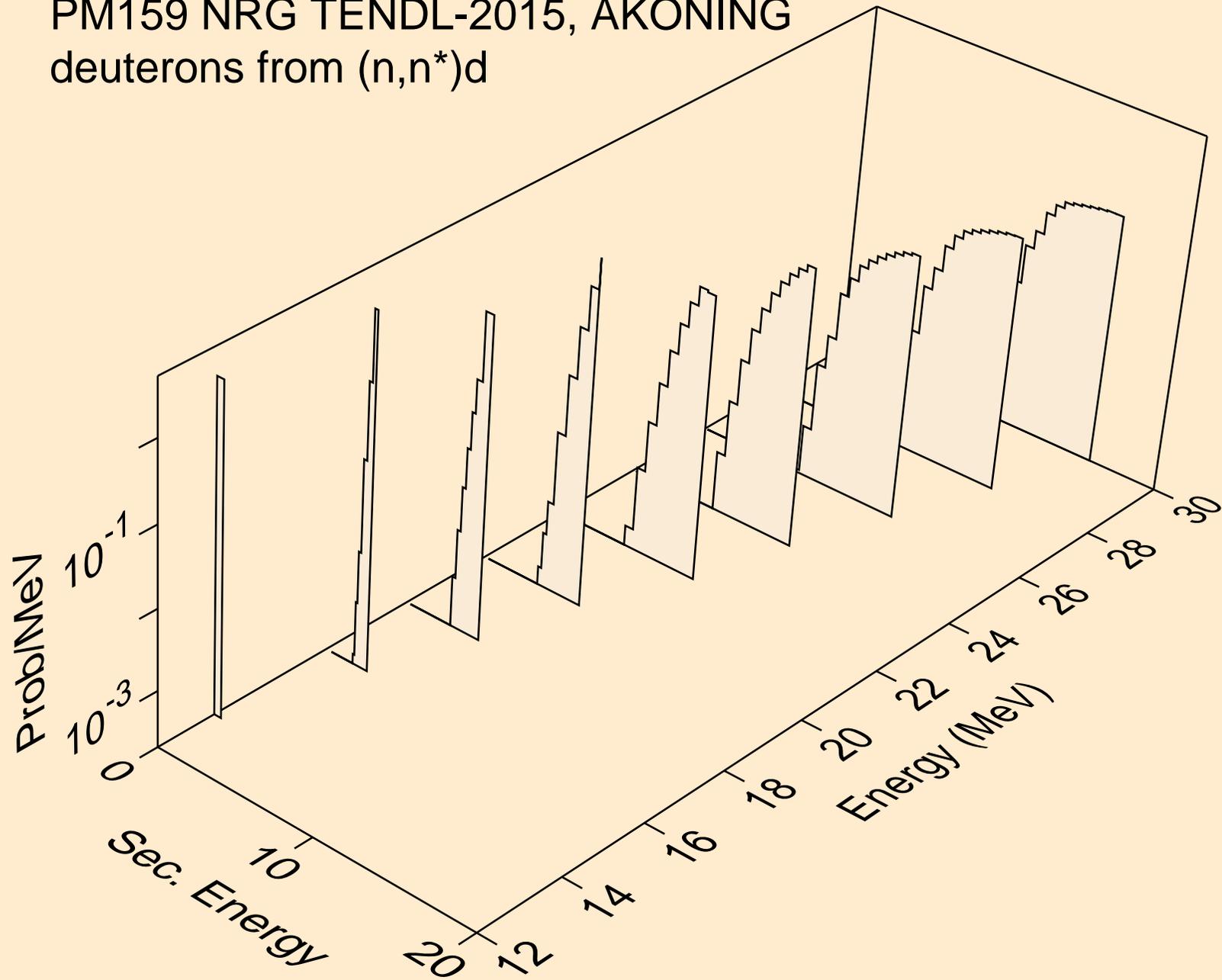
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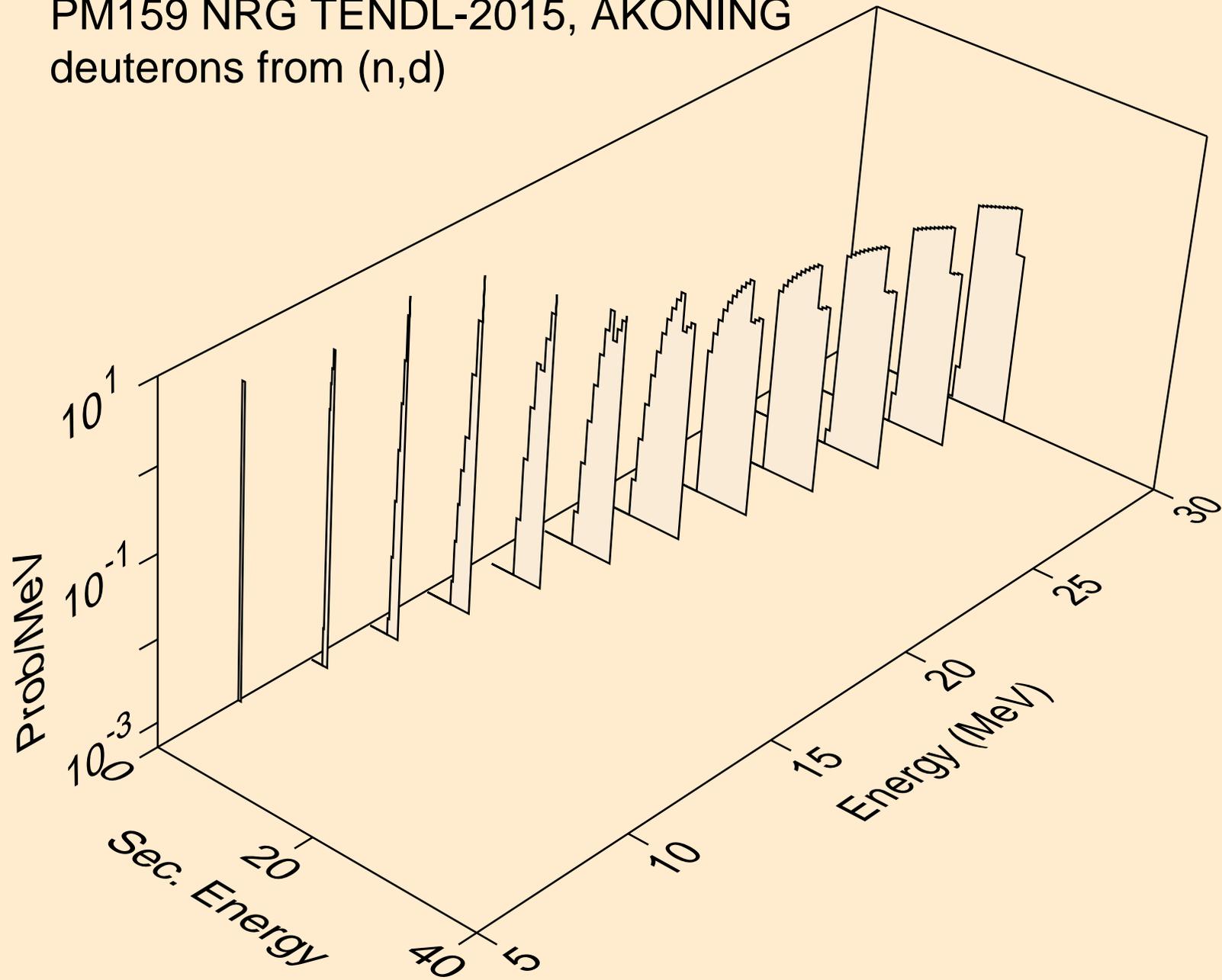
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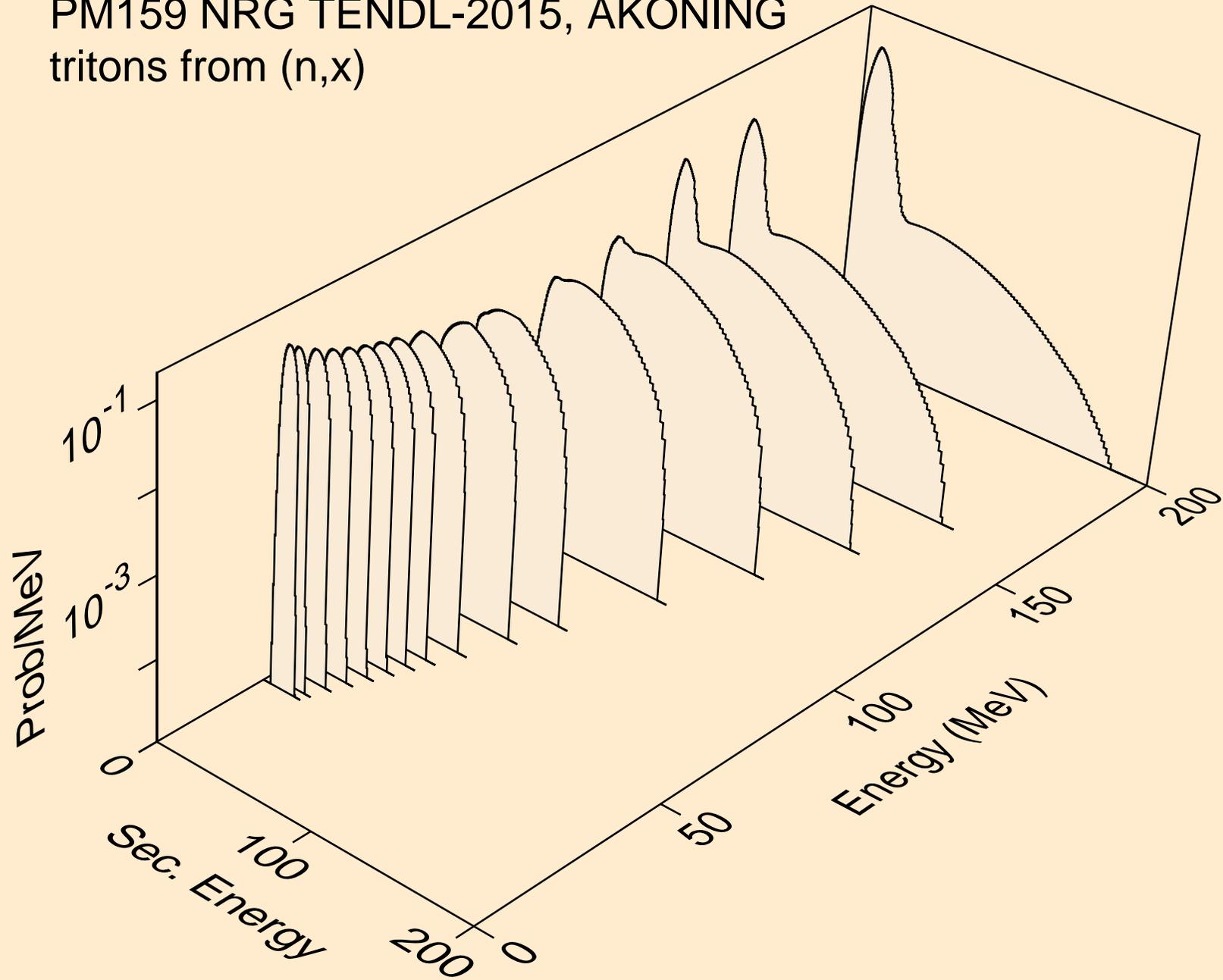
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deuterons from (n,n\*)d



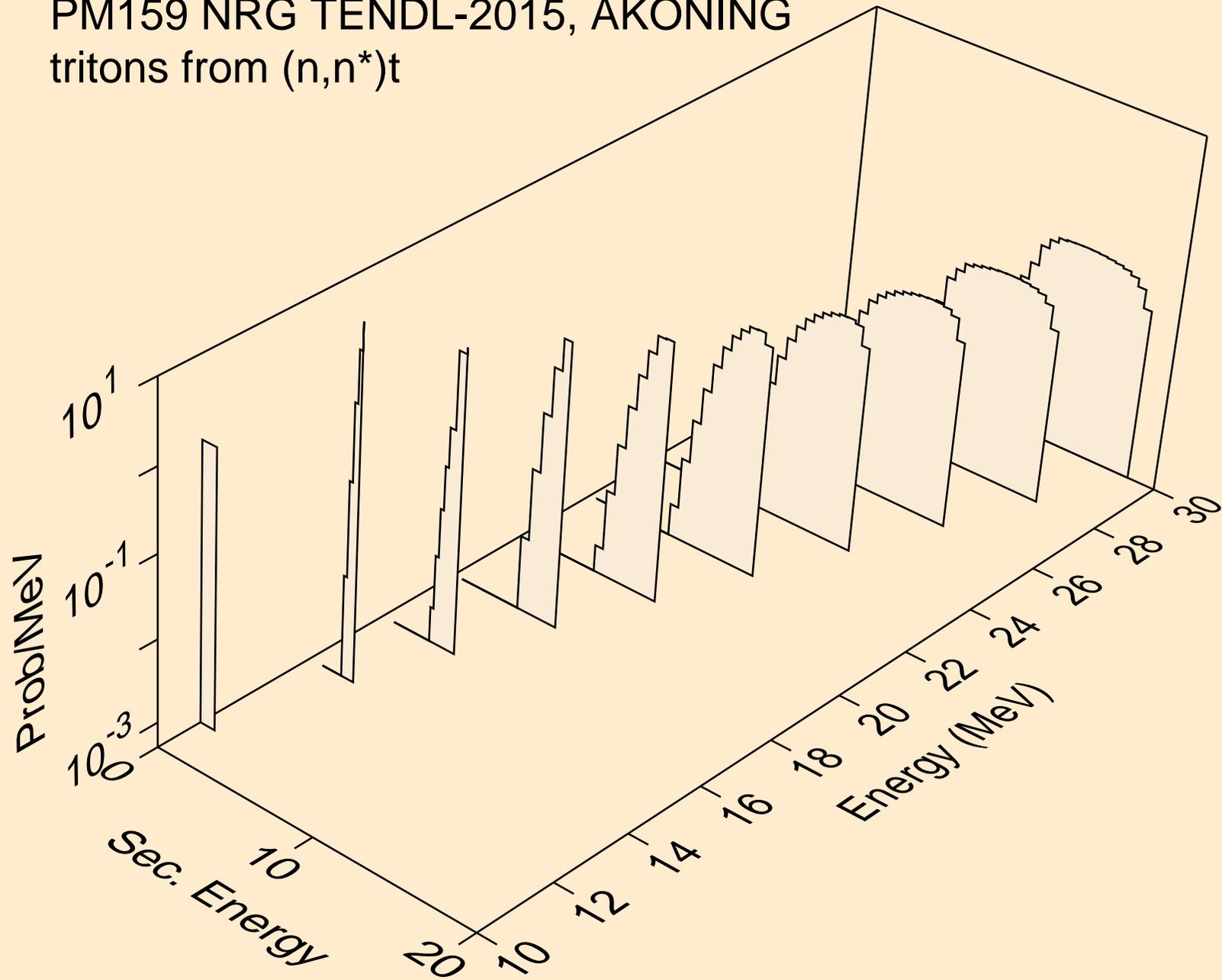
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deuterons from (n,d)



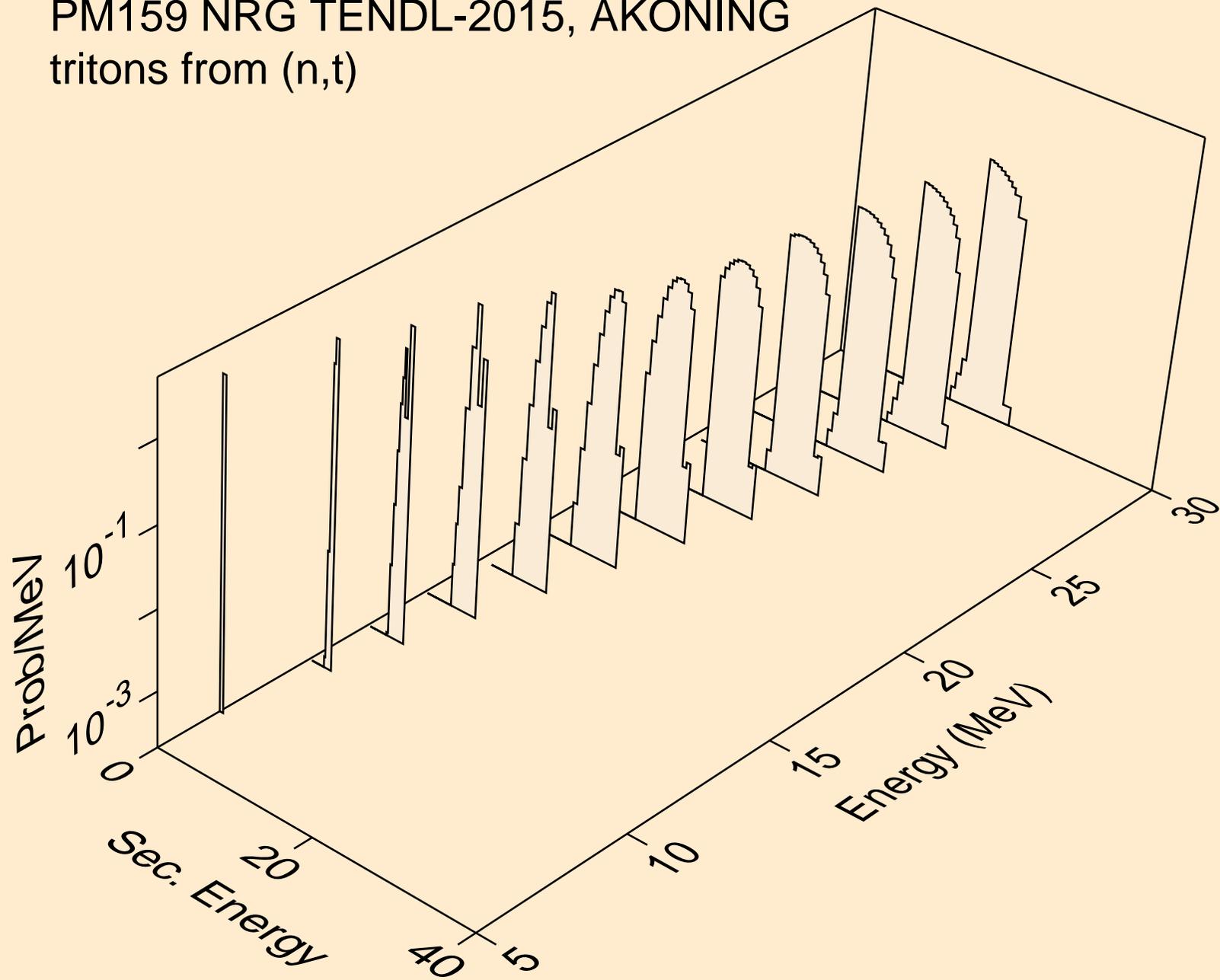
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tritons from (n,x)



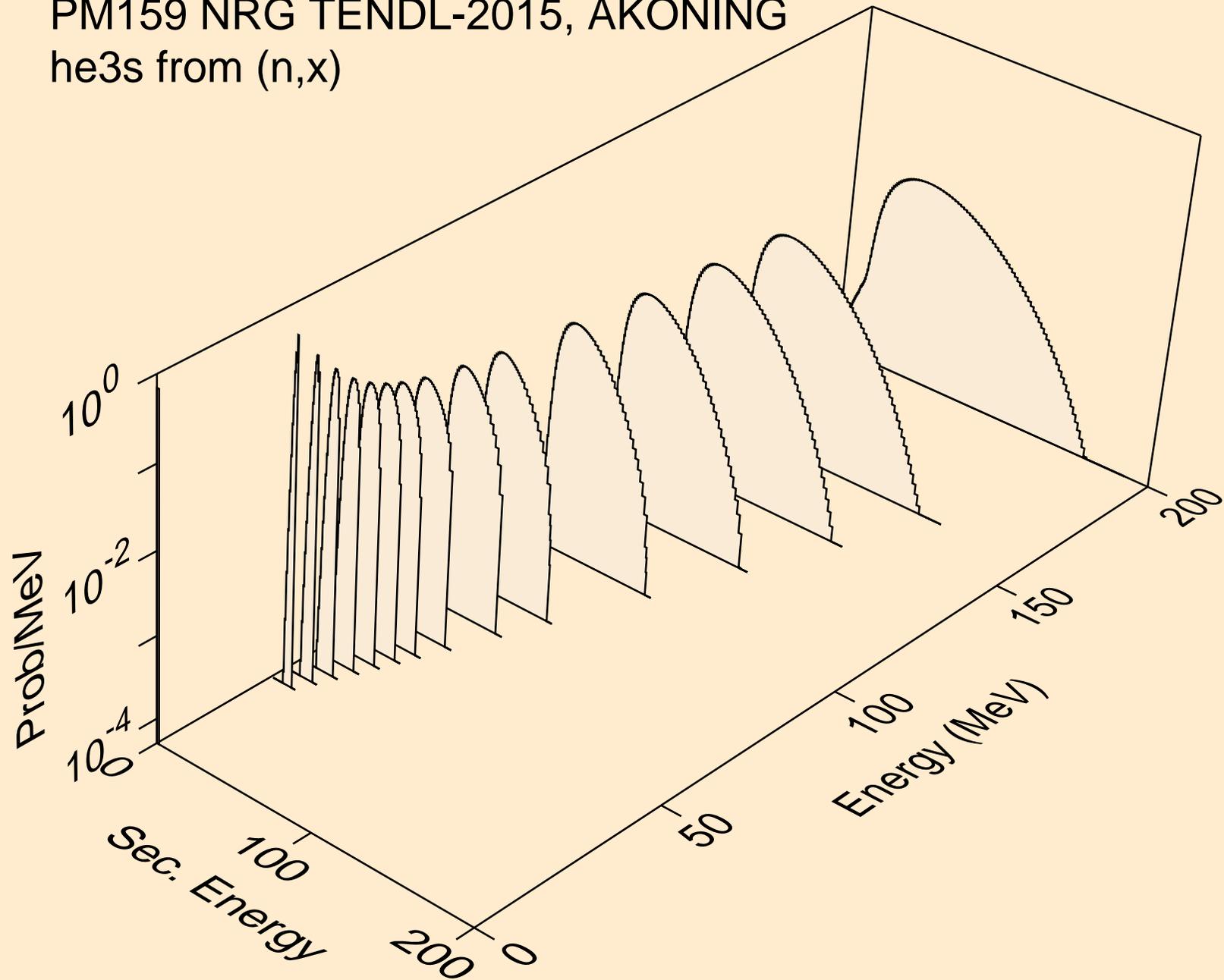
PM159 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



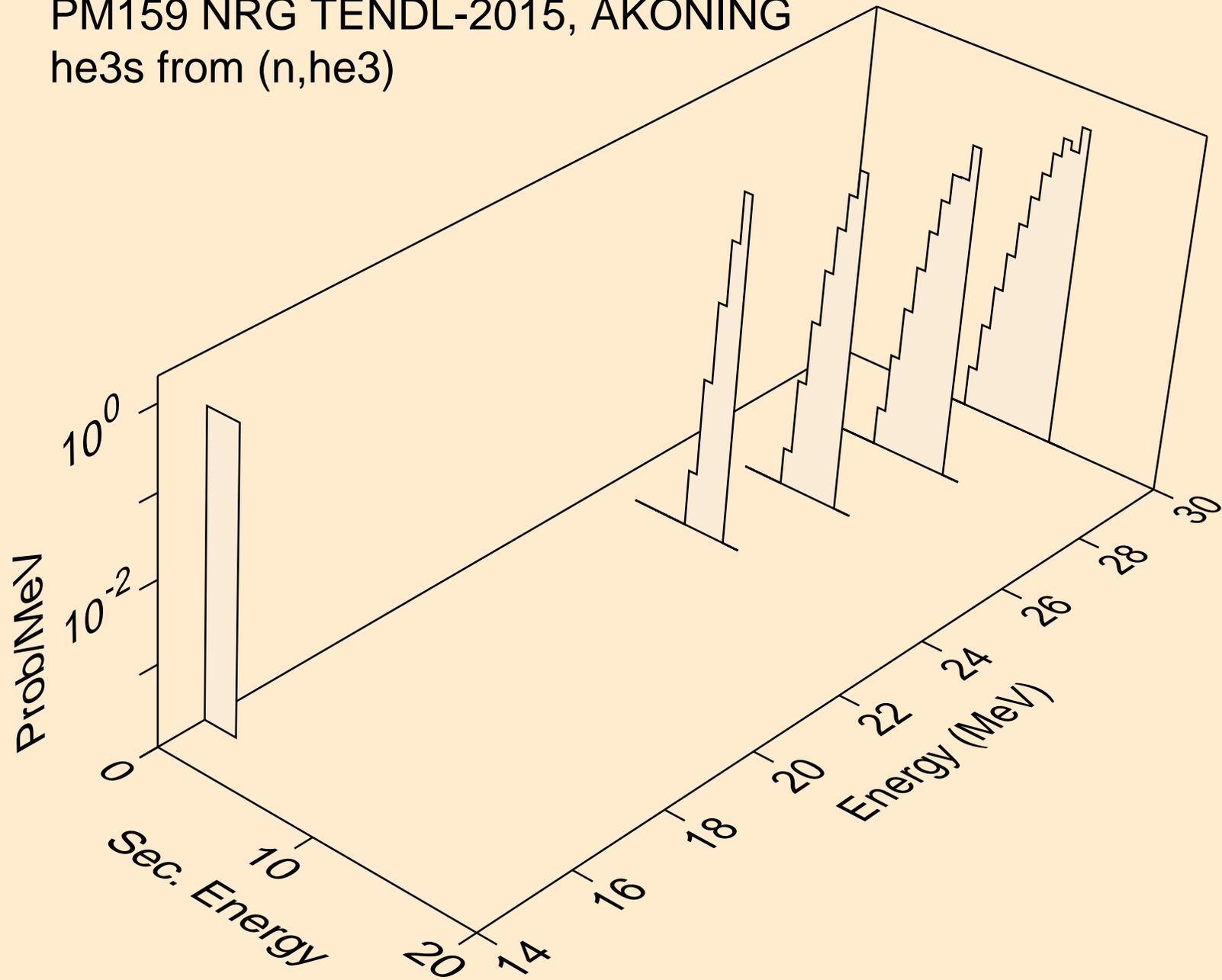
PM159 NRG TENDL-2015, AKONING  
tritons from (n,t)



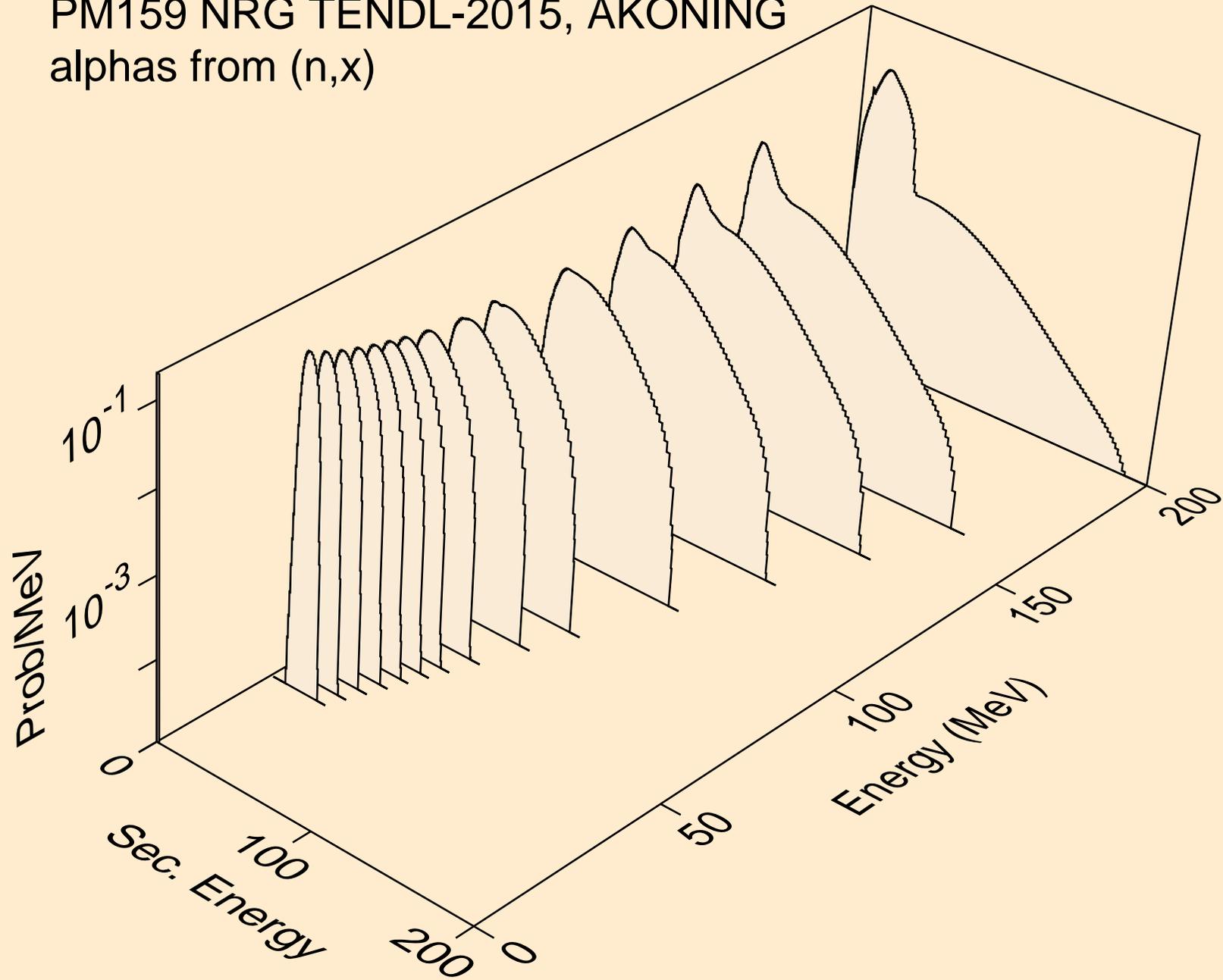
PM159 NRG TENDL-2015, AKONING  
he3s from (n,x)



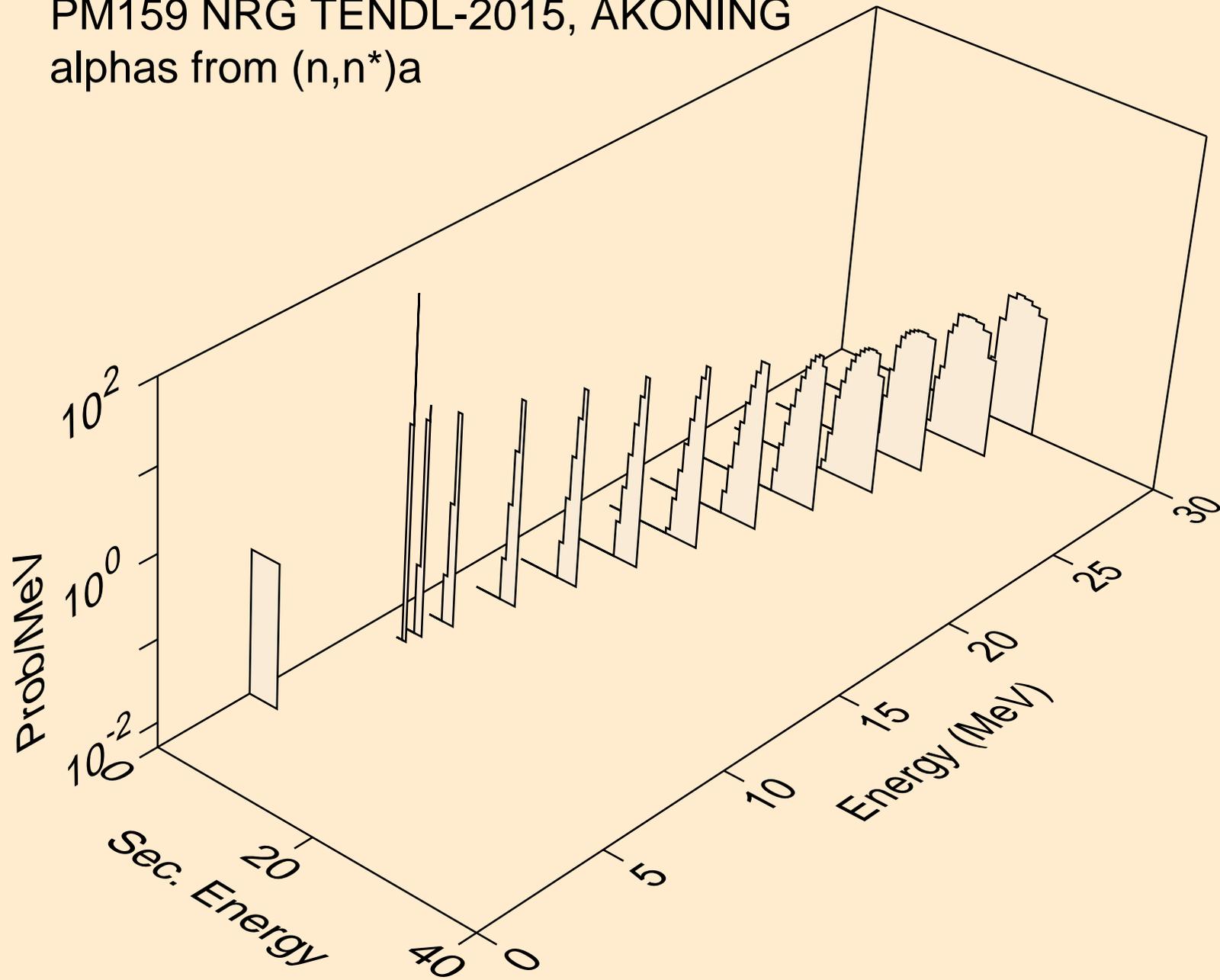
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he3s from (n,he3)



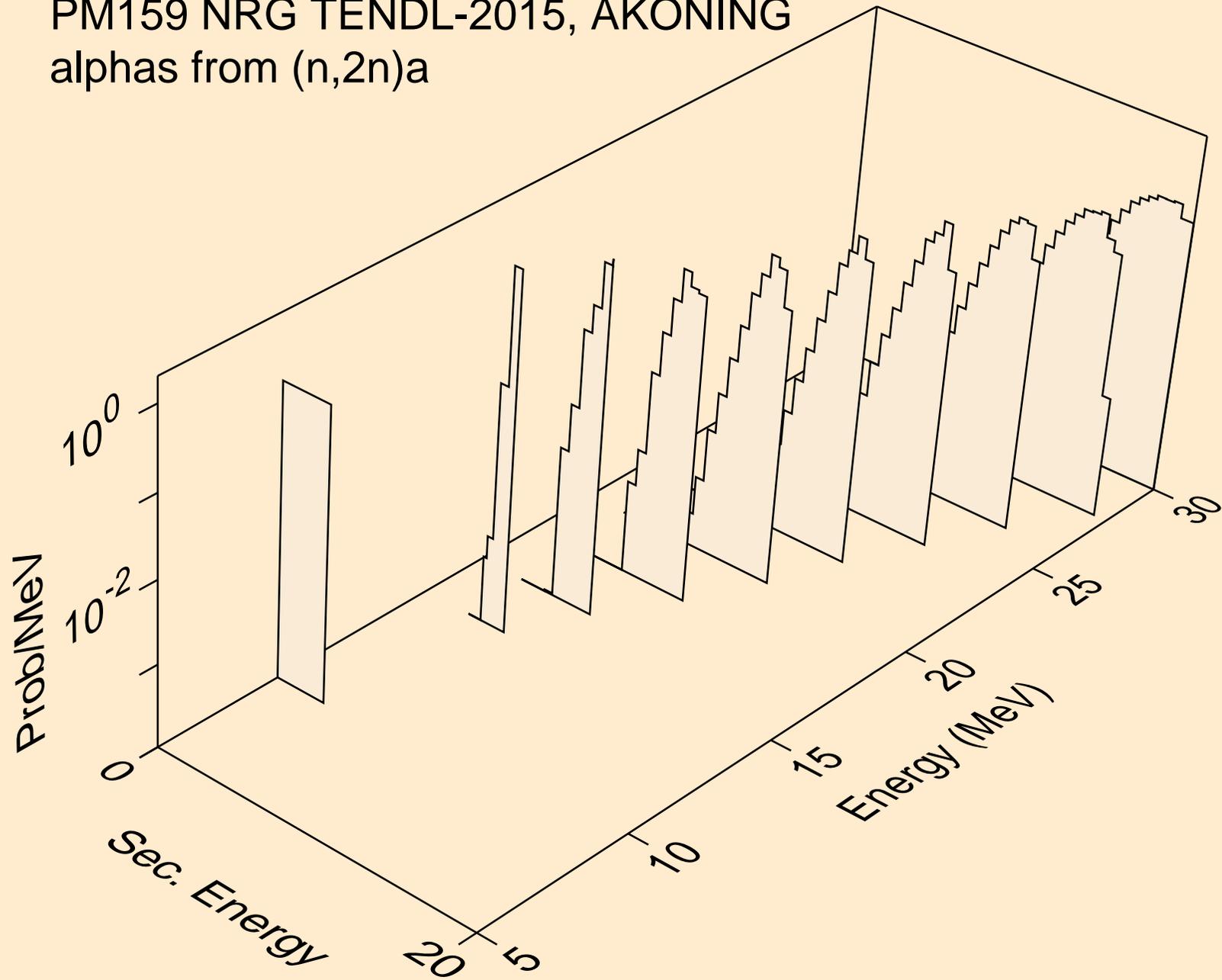
PM159 NRG TENDL-2015, AKONING  
alphas from (n,x)



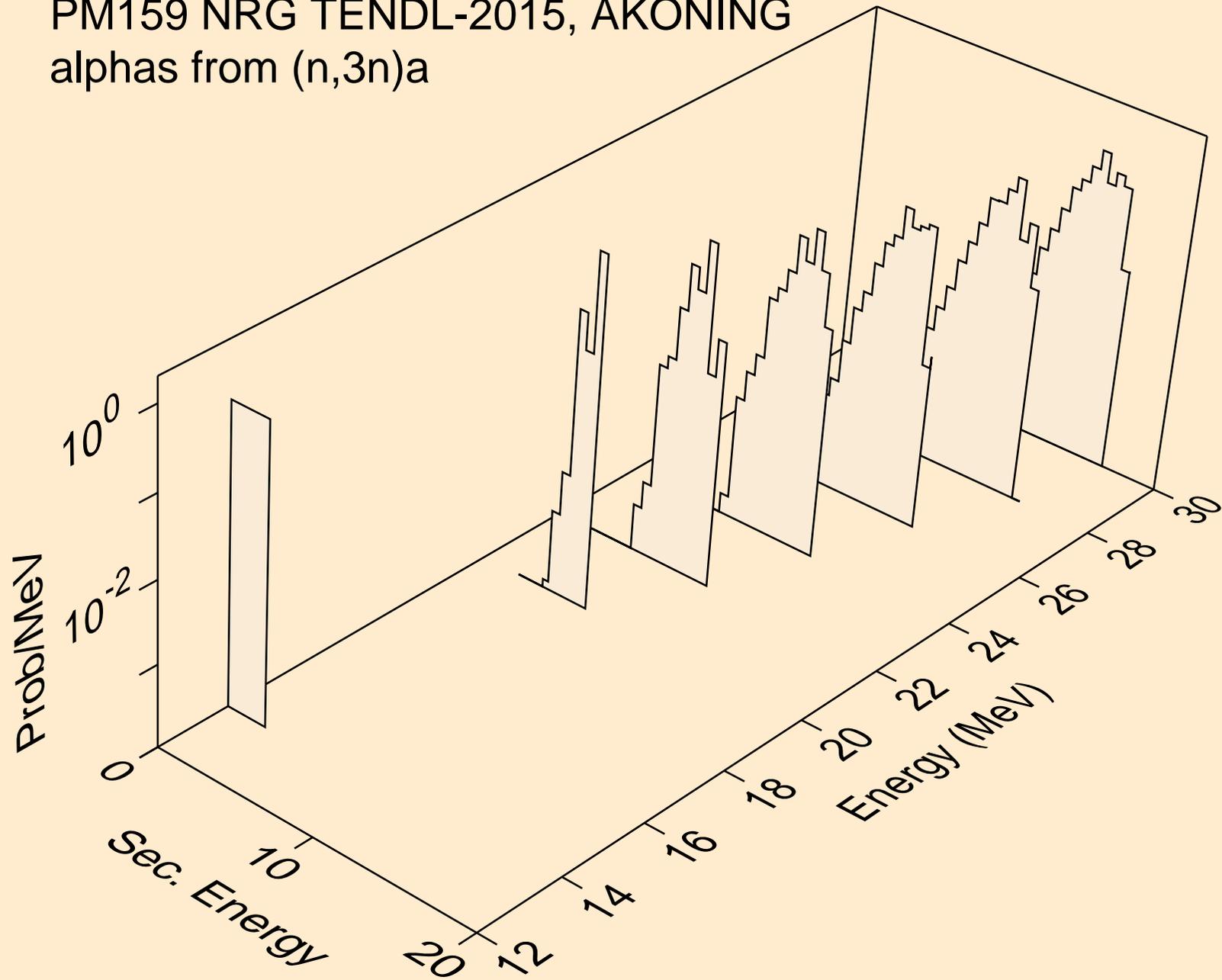
PM159 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



PM159 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PM159 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



PM159 NRG TENDL-2015, AKONING  
alphas from (n,a)

