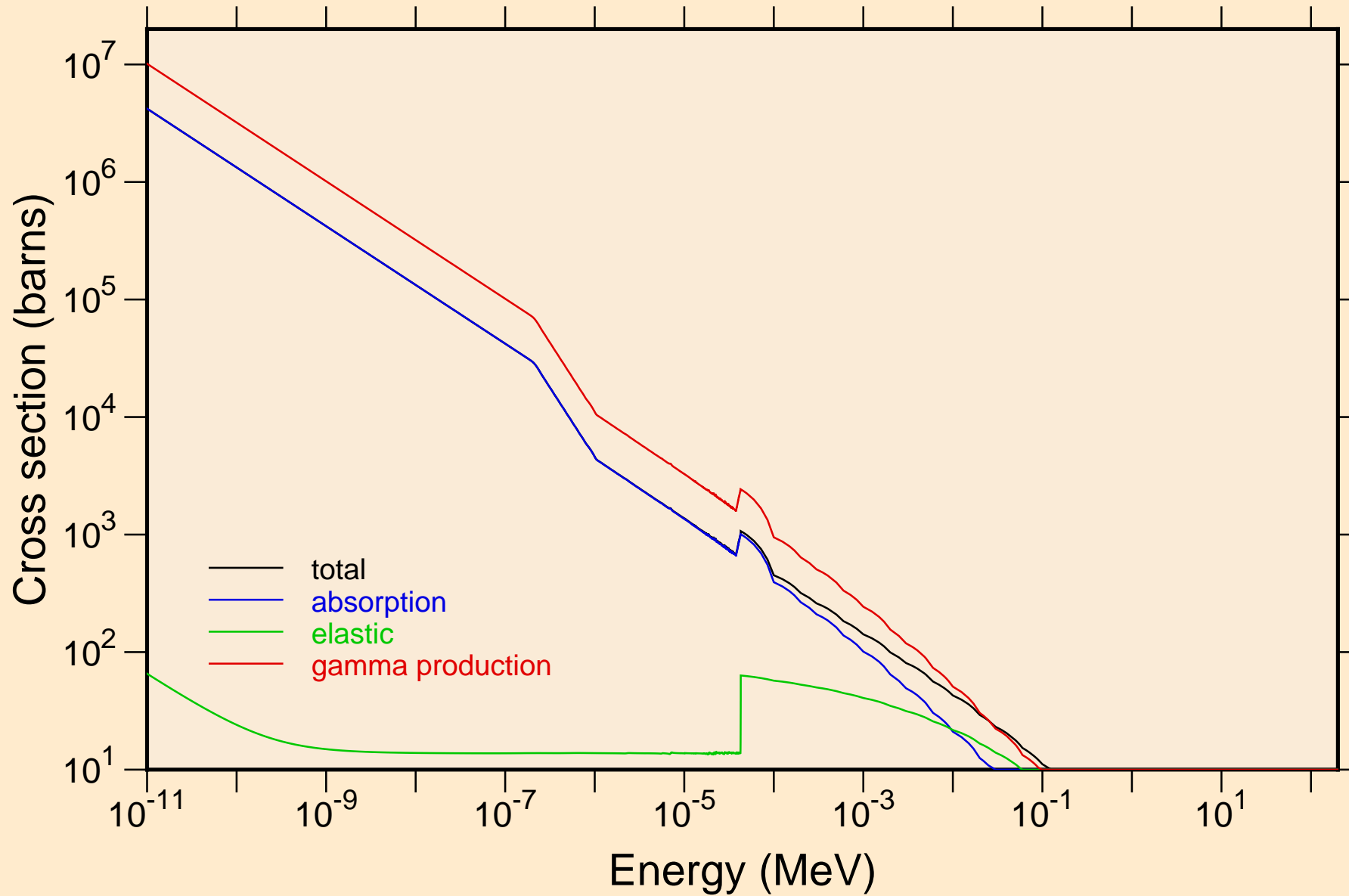
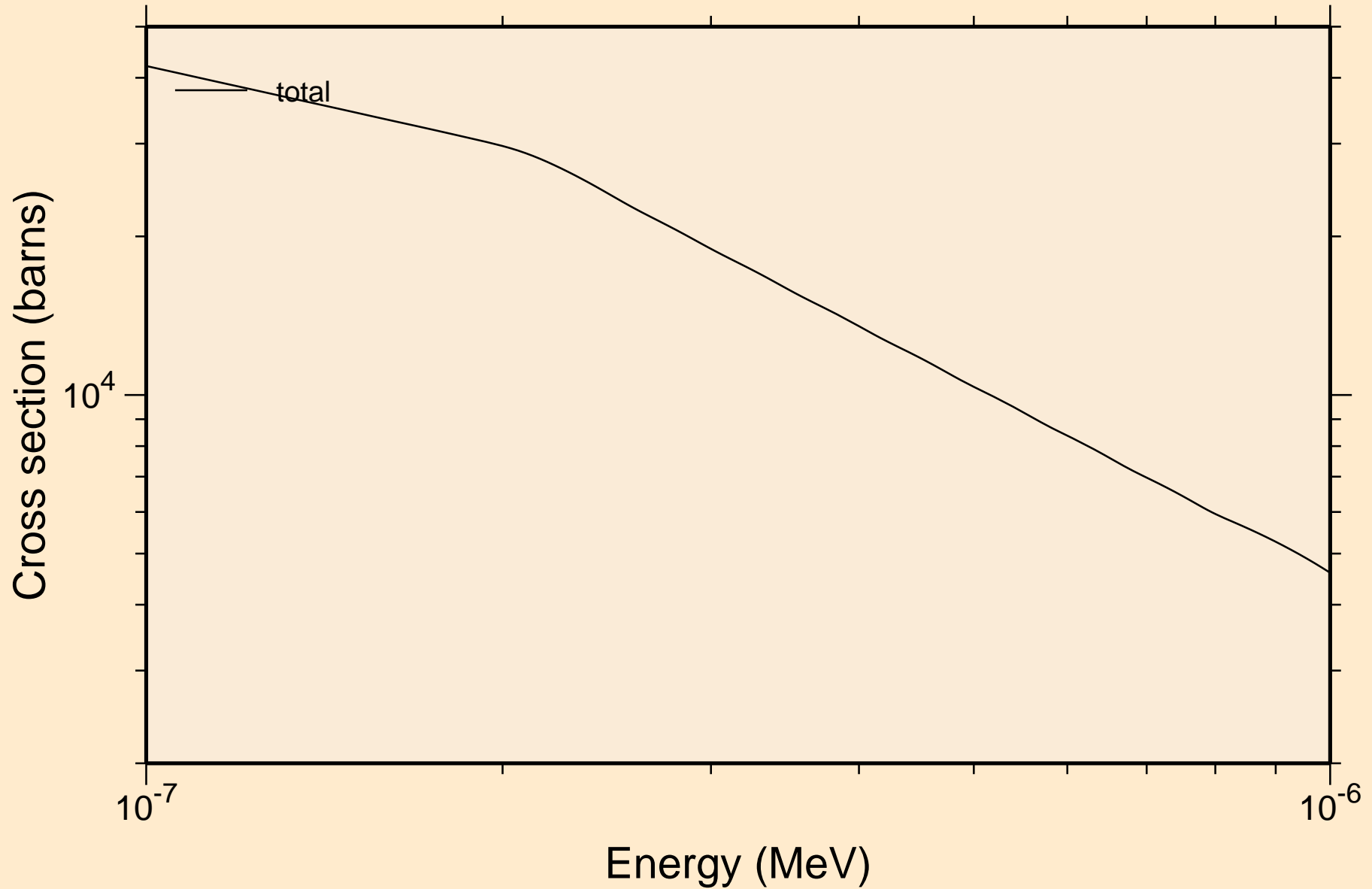


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

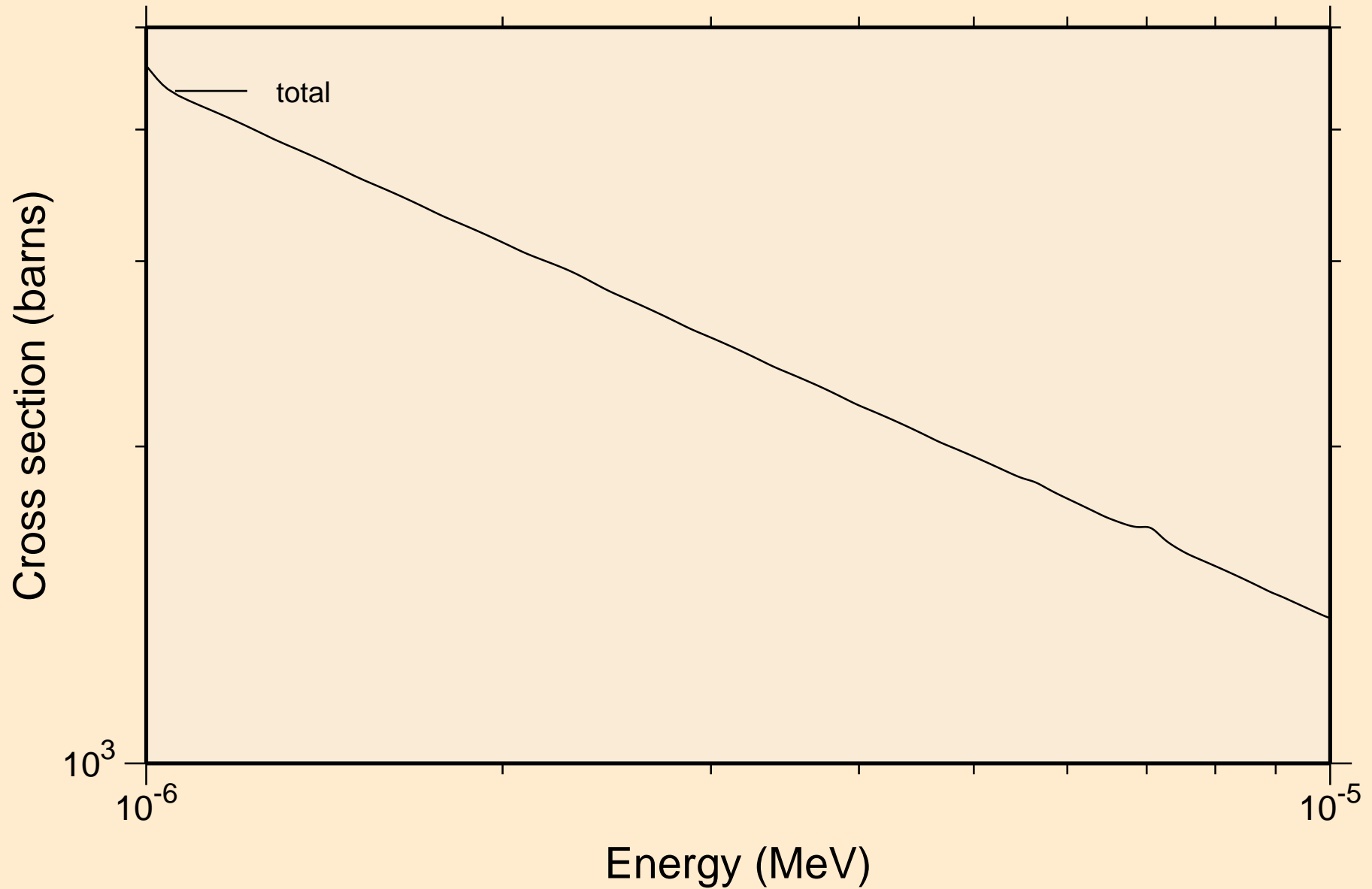
Principal cross sections



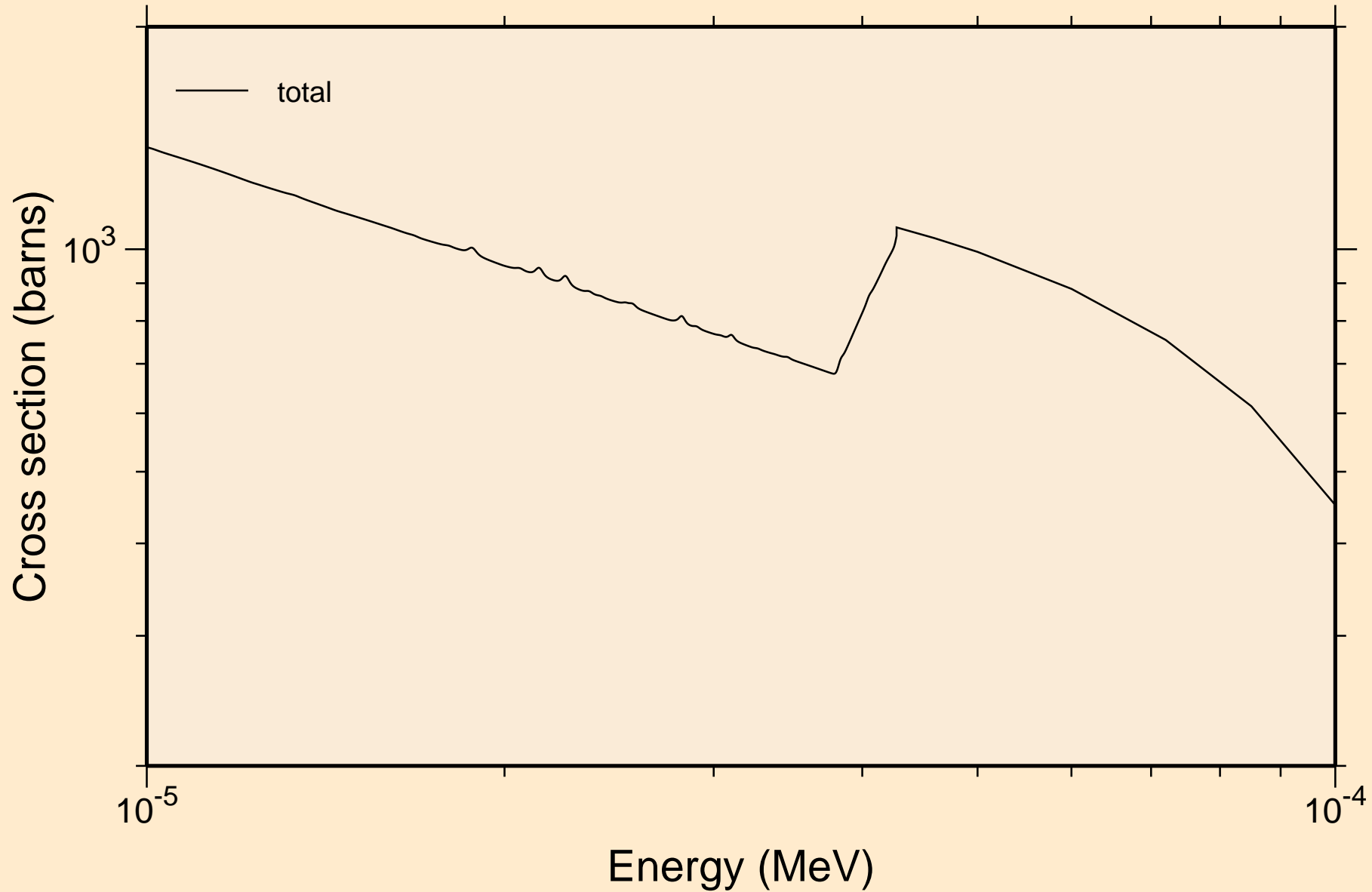
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



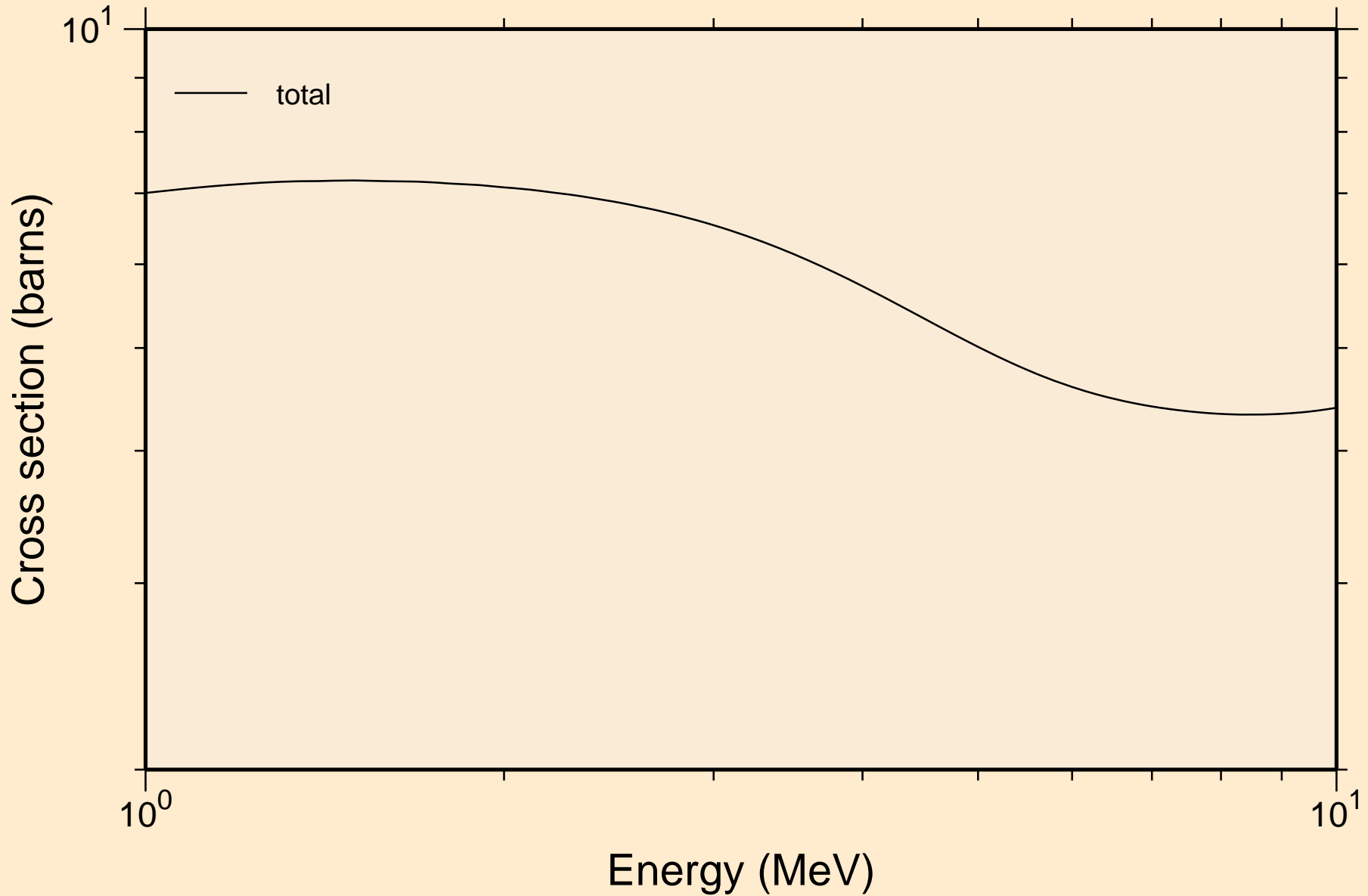
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



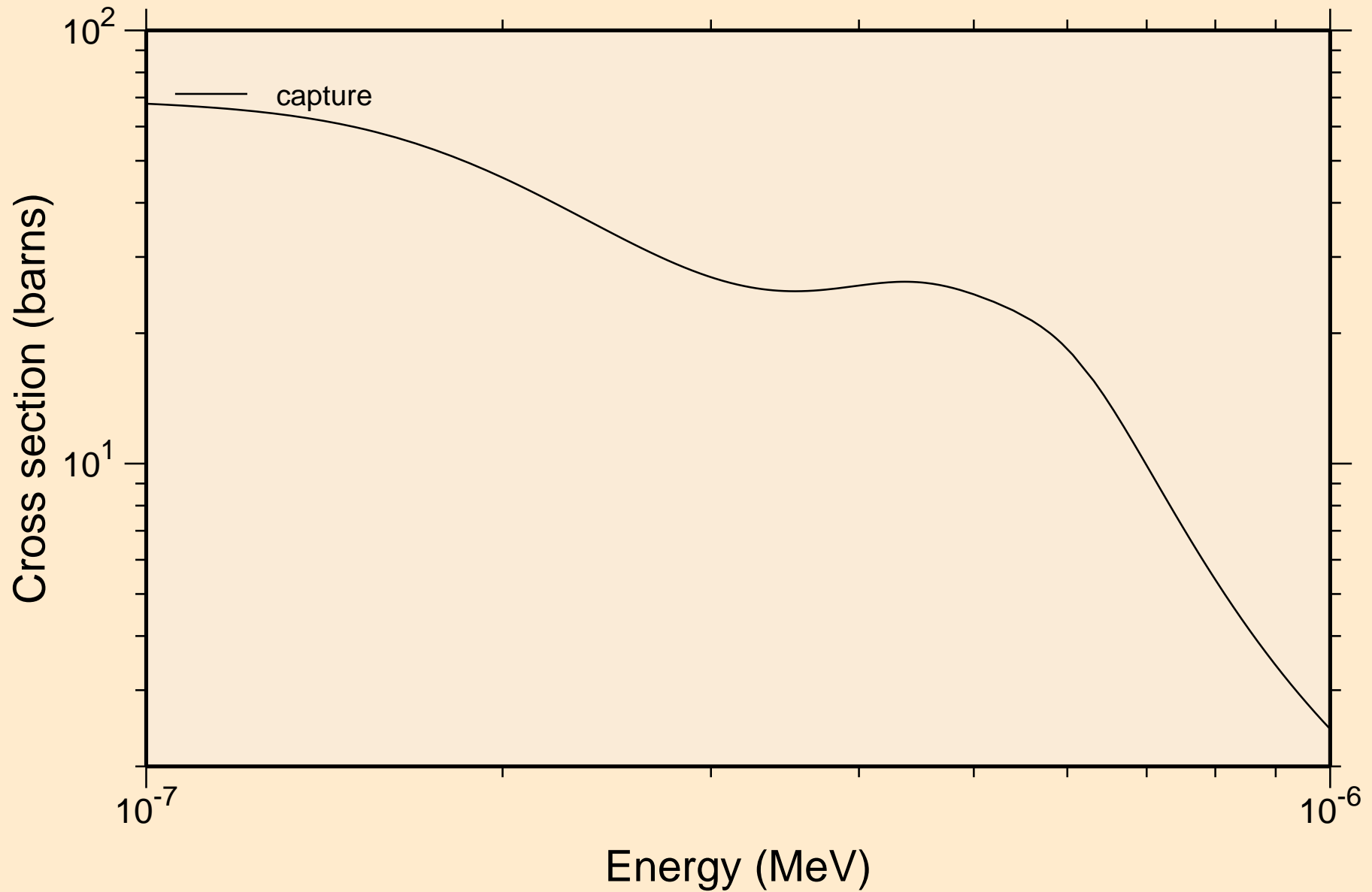
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resonance total cross section



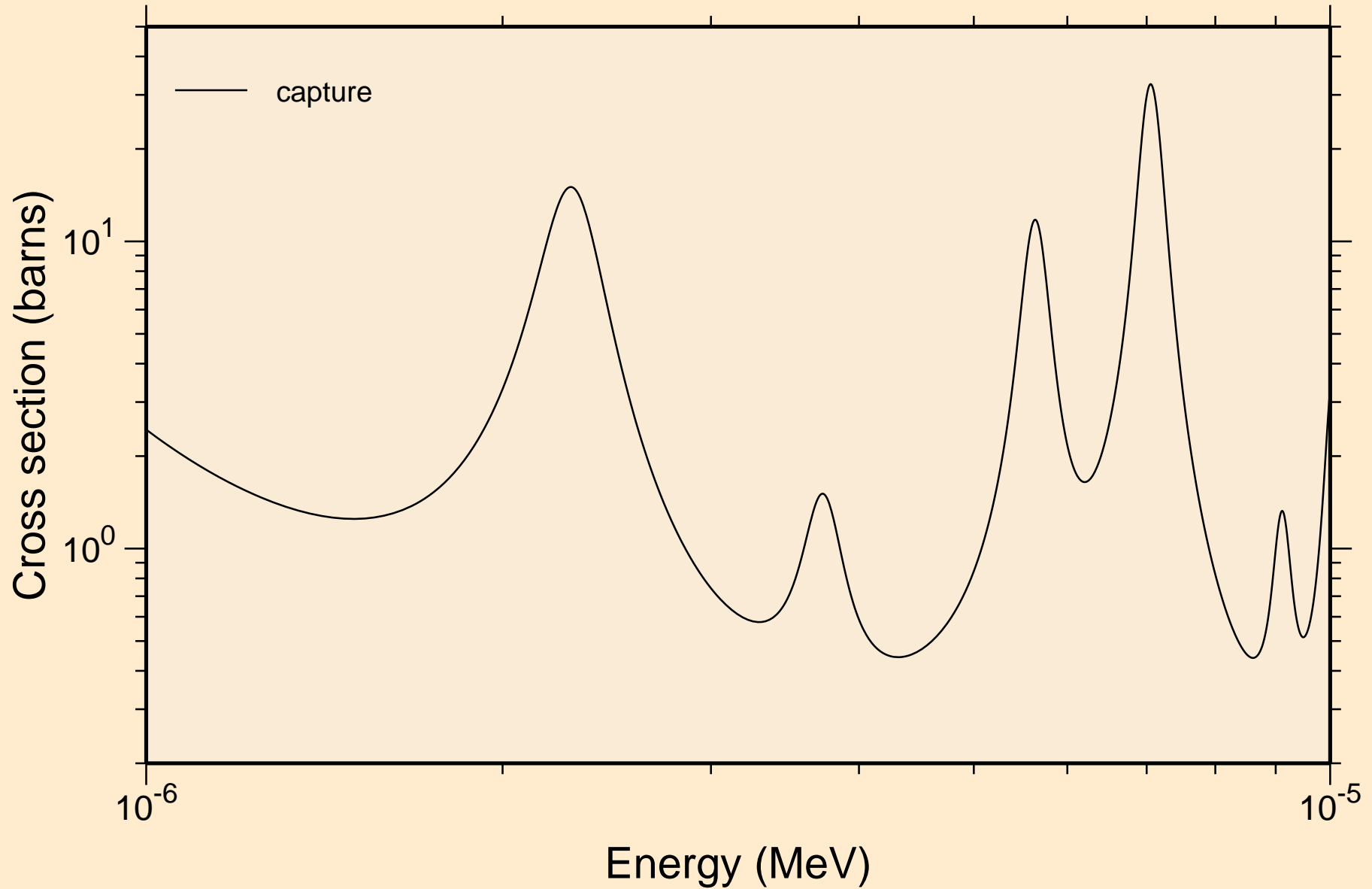
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resonance total cross section



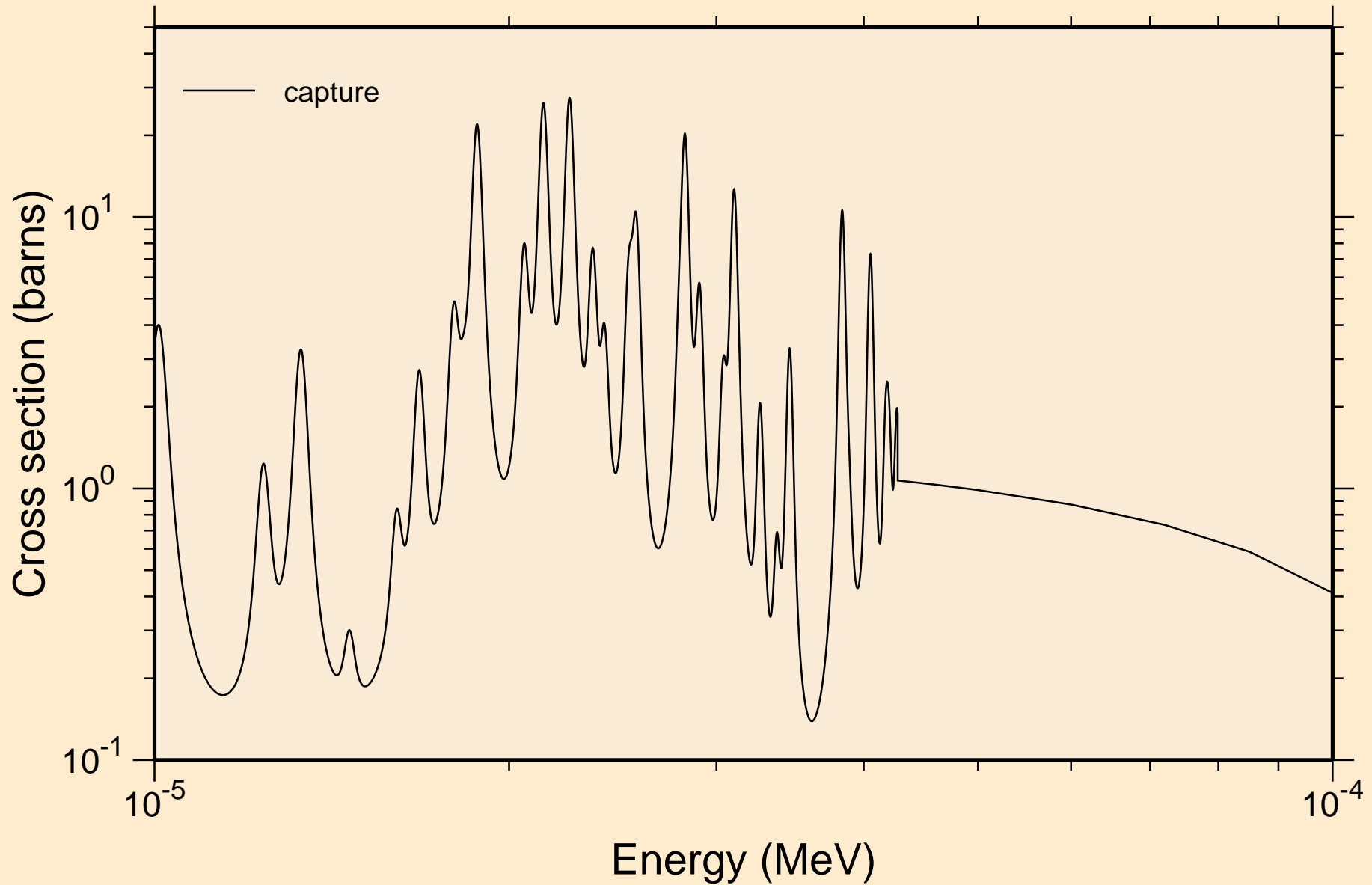
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



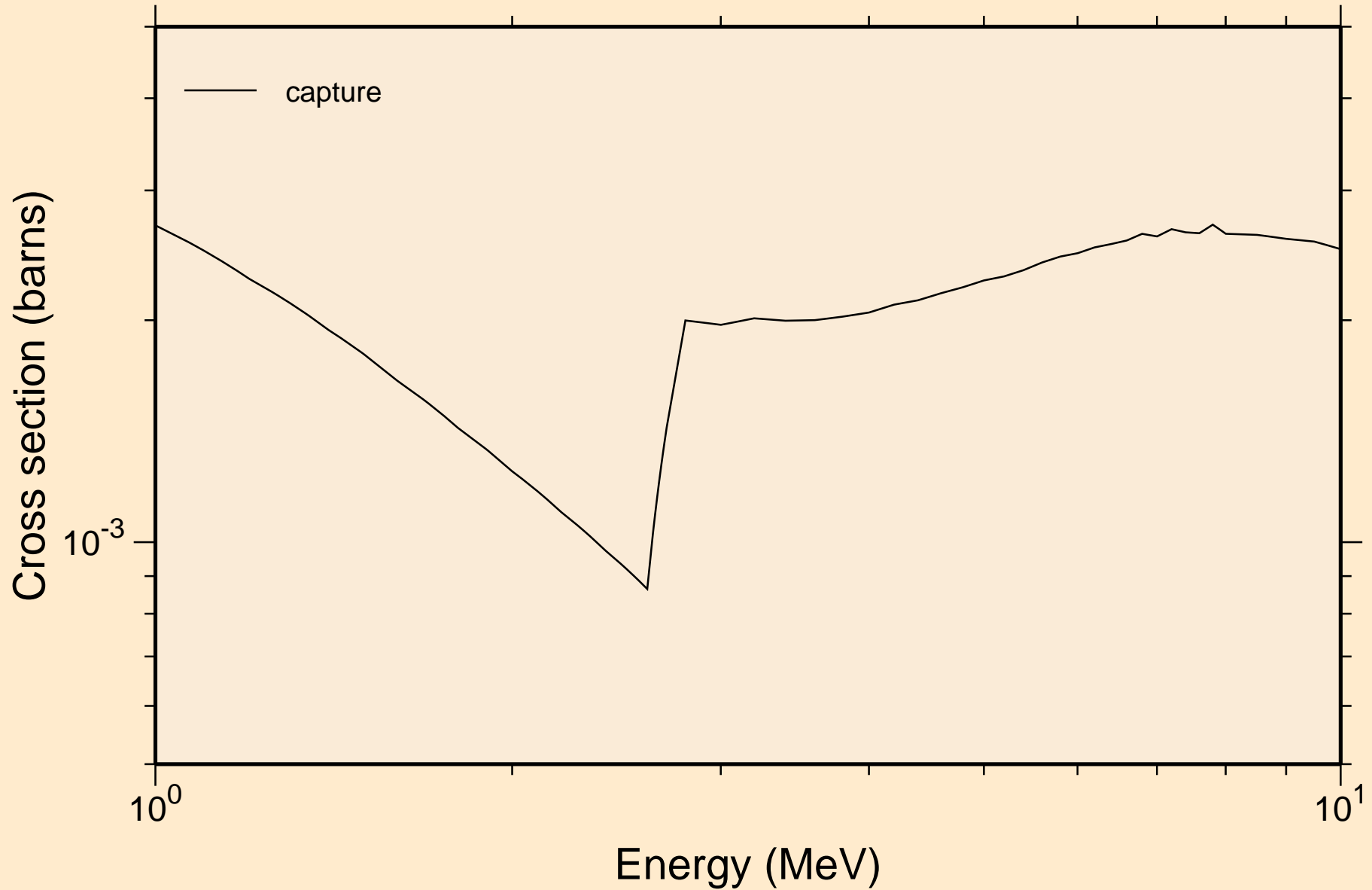
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

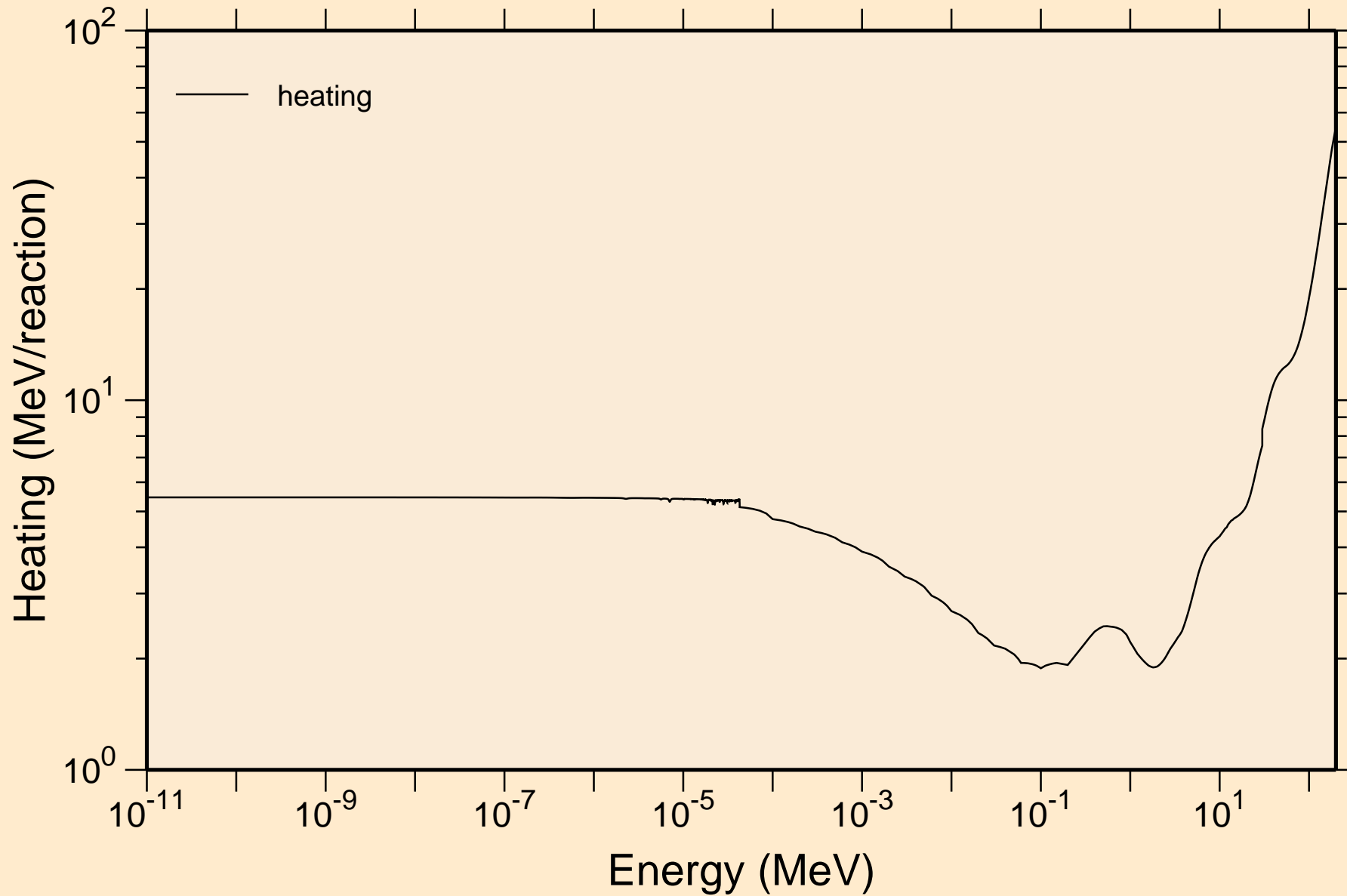


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

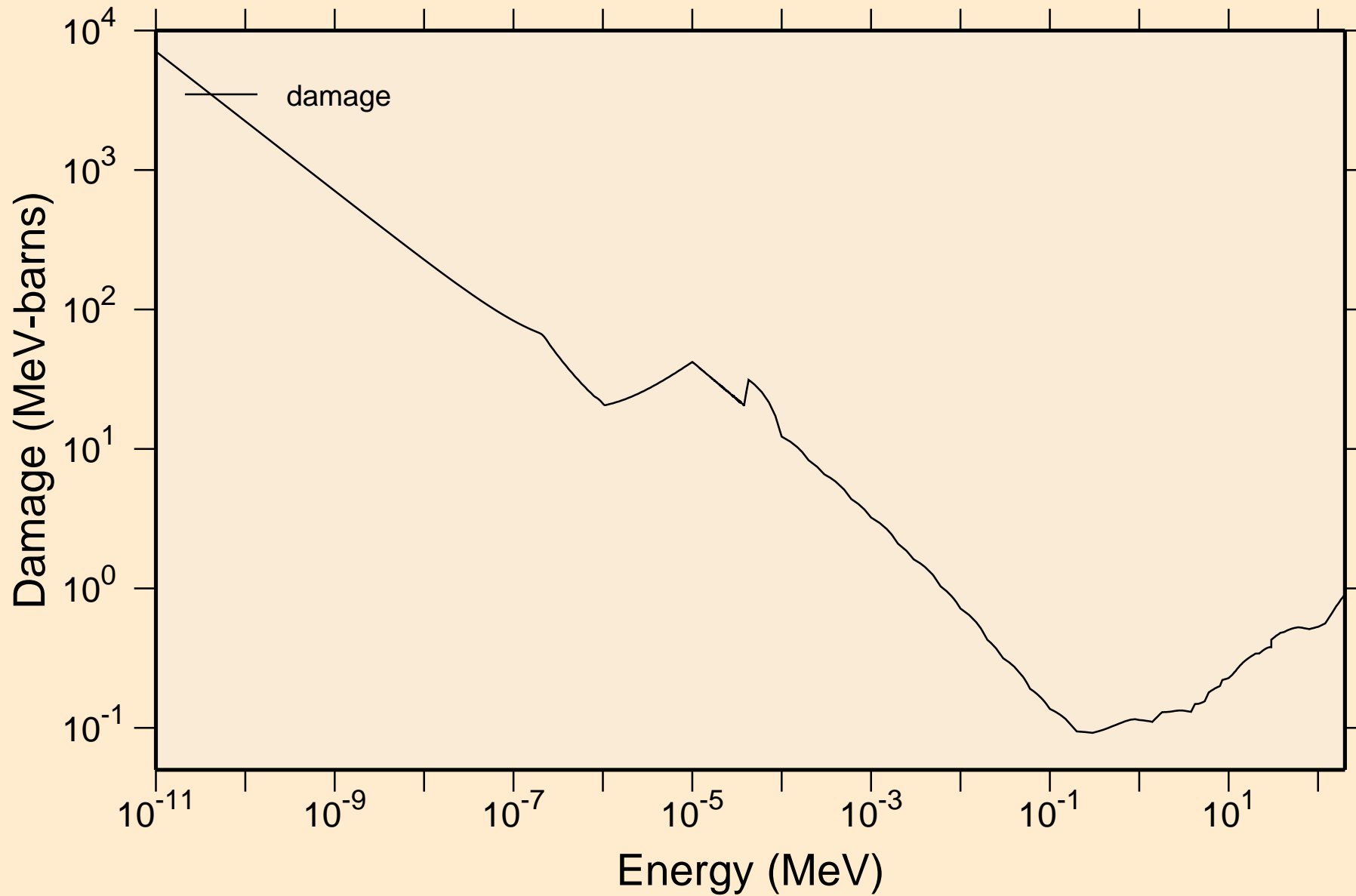


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

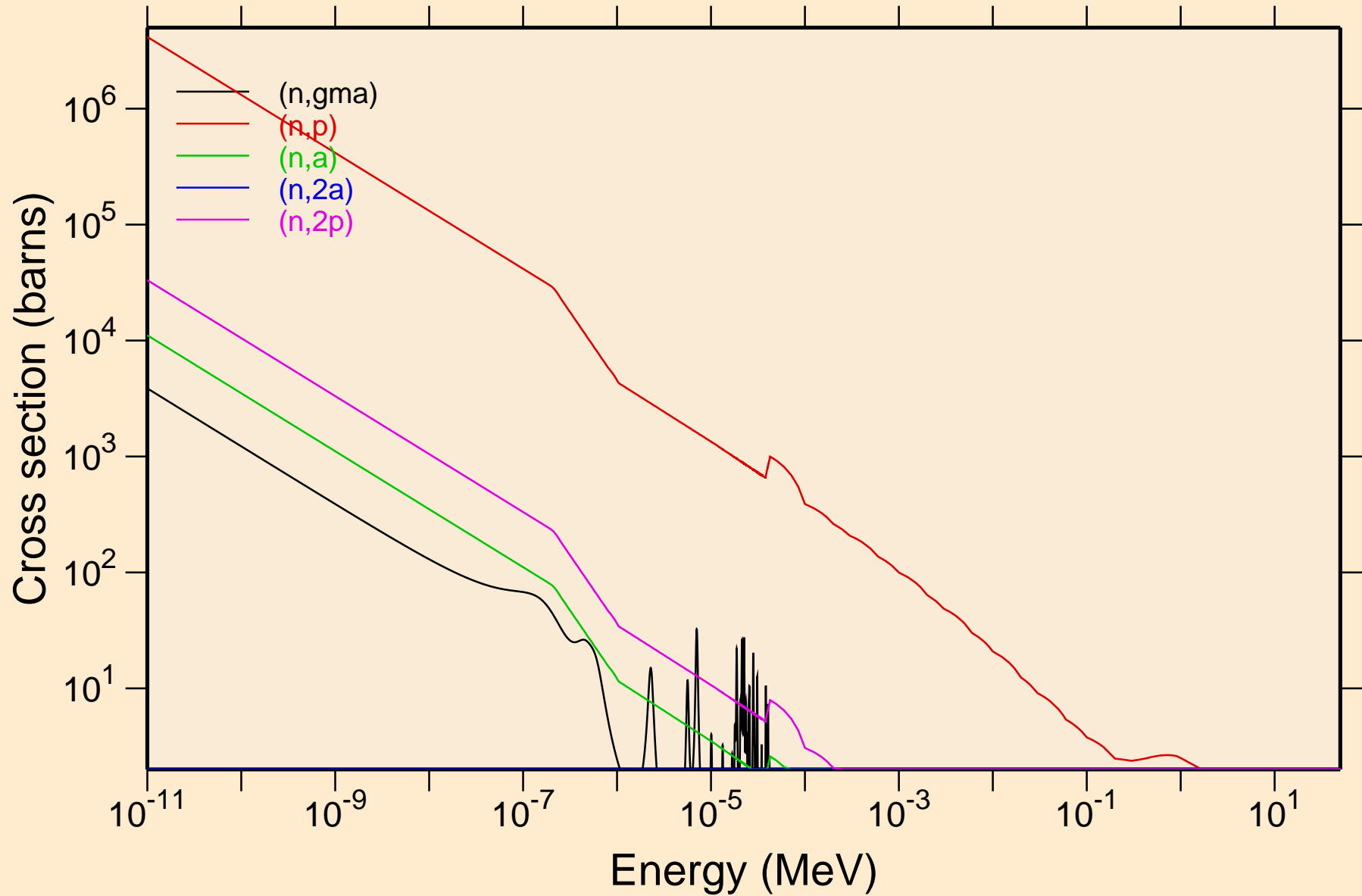


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

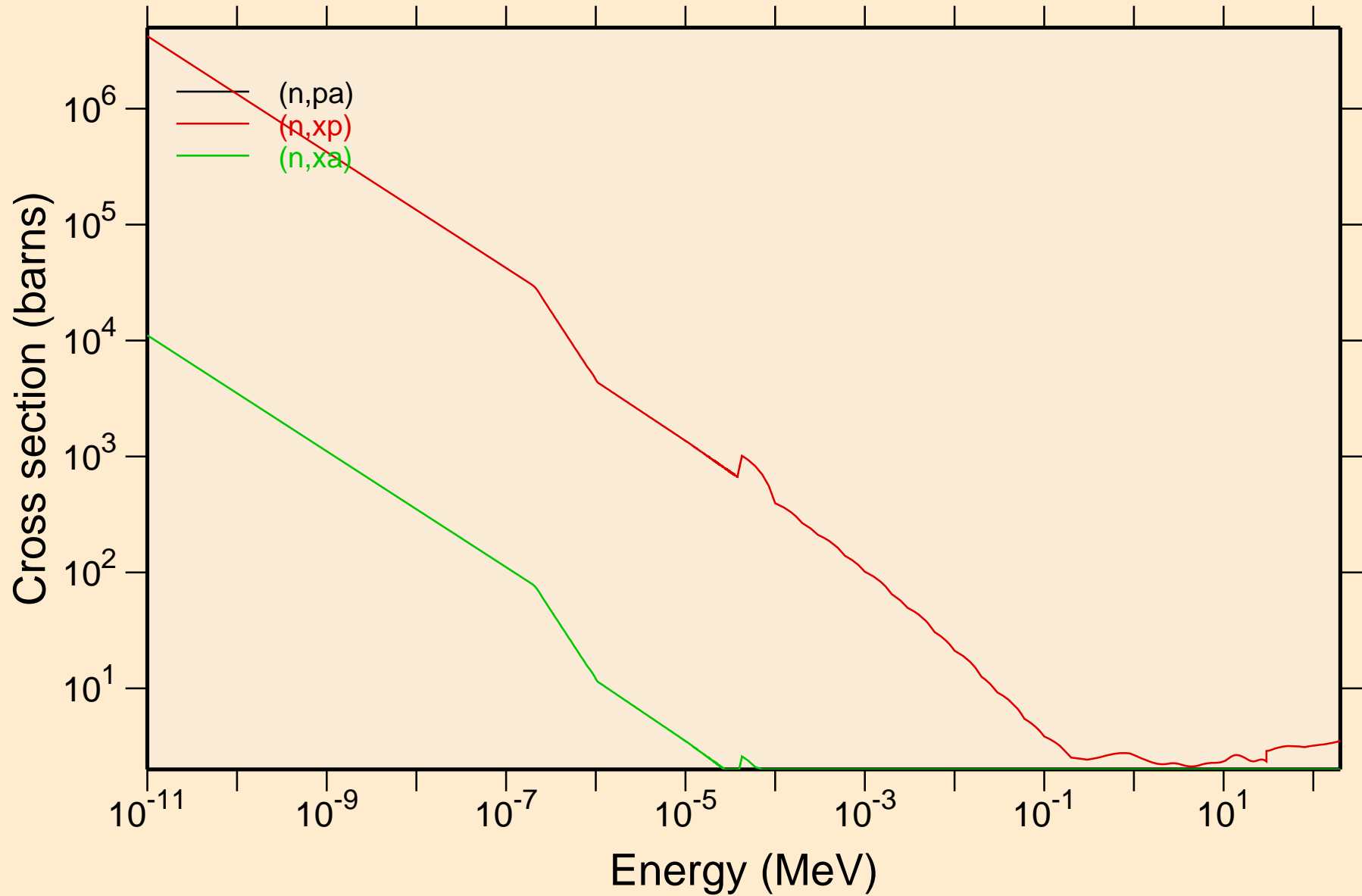


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

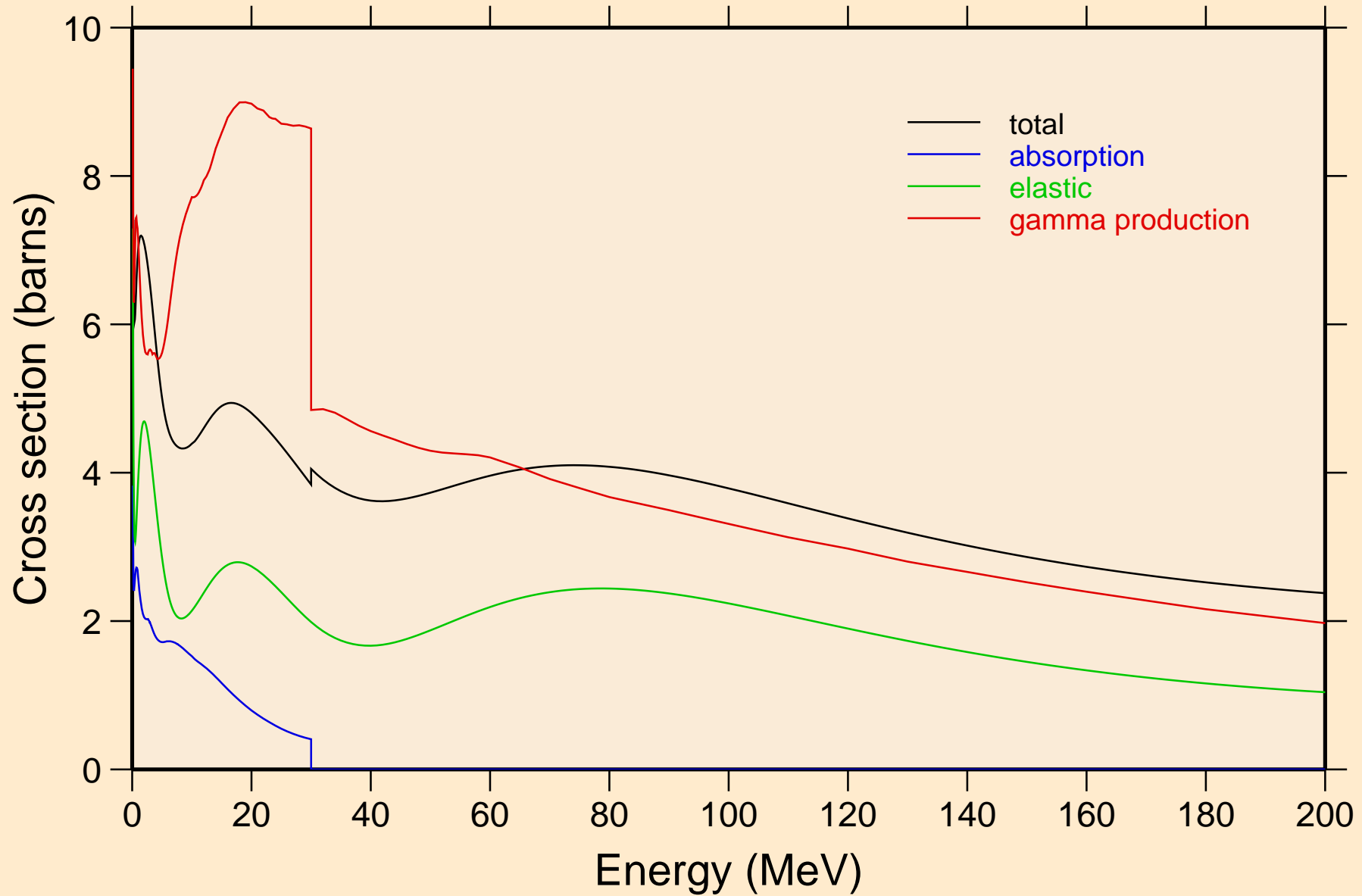
Non-threshold reactions



ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

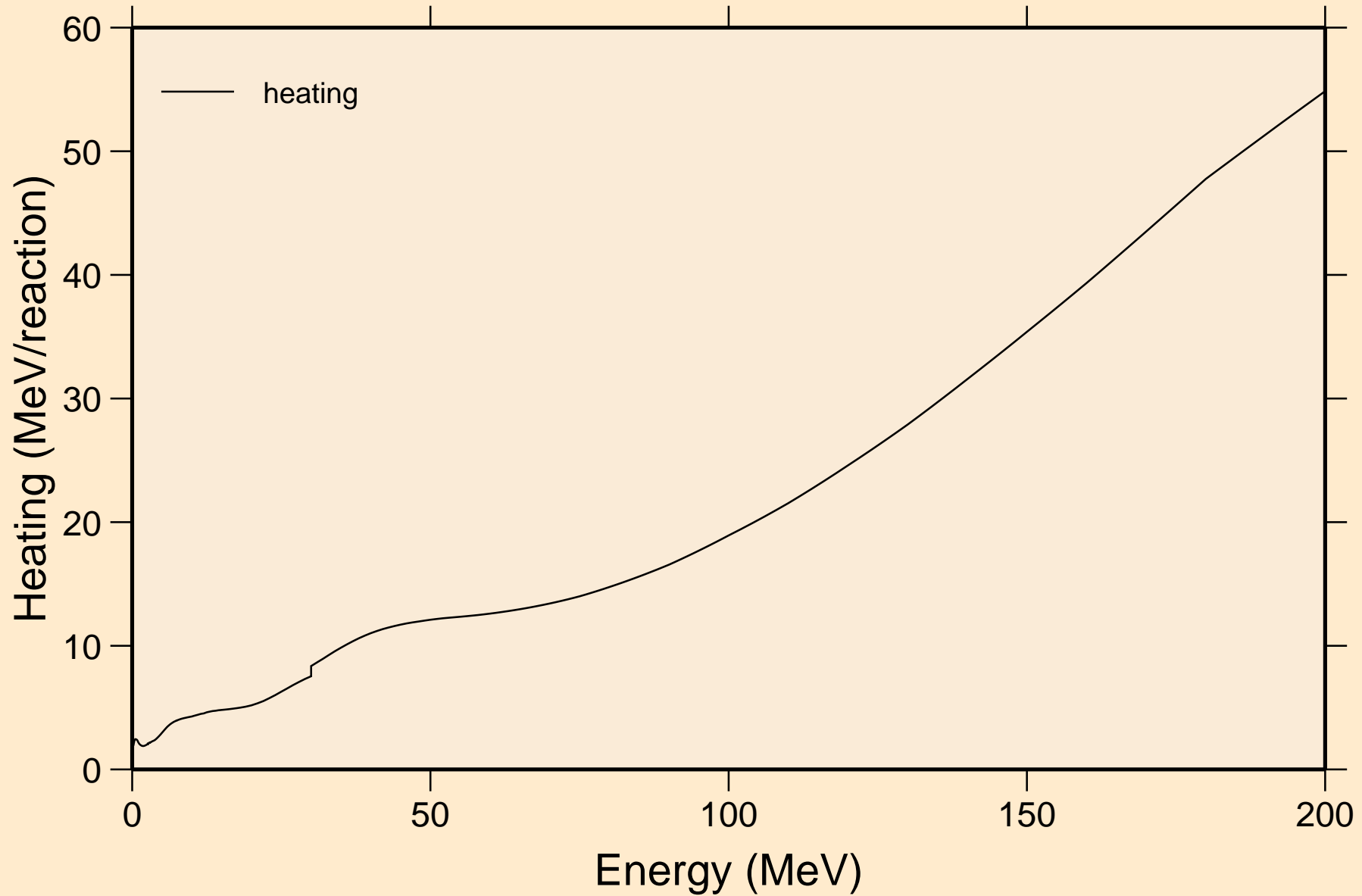


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections

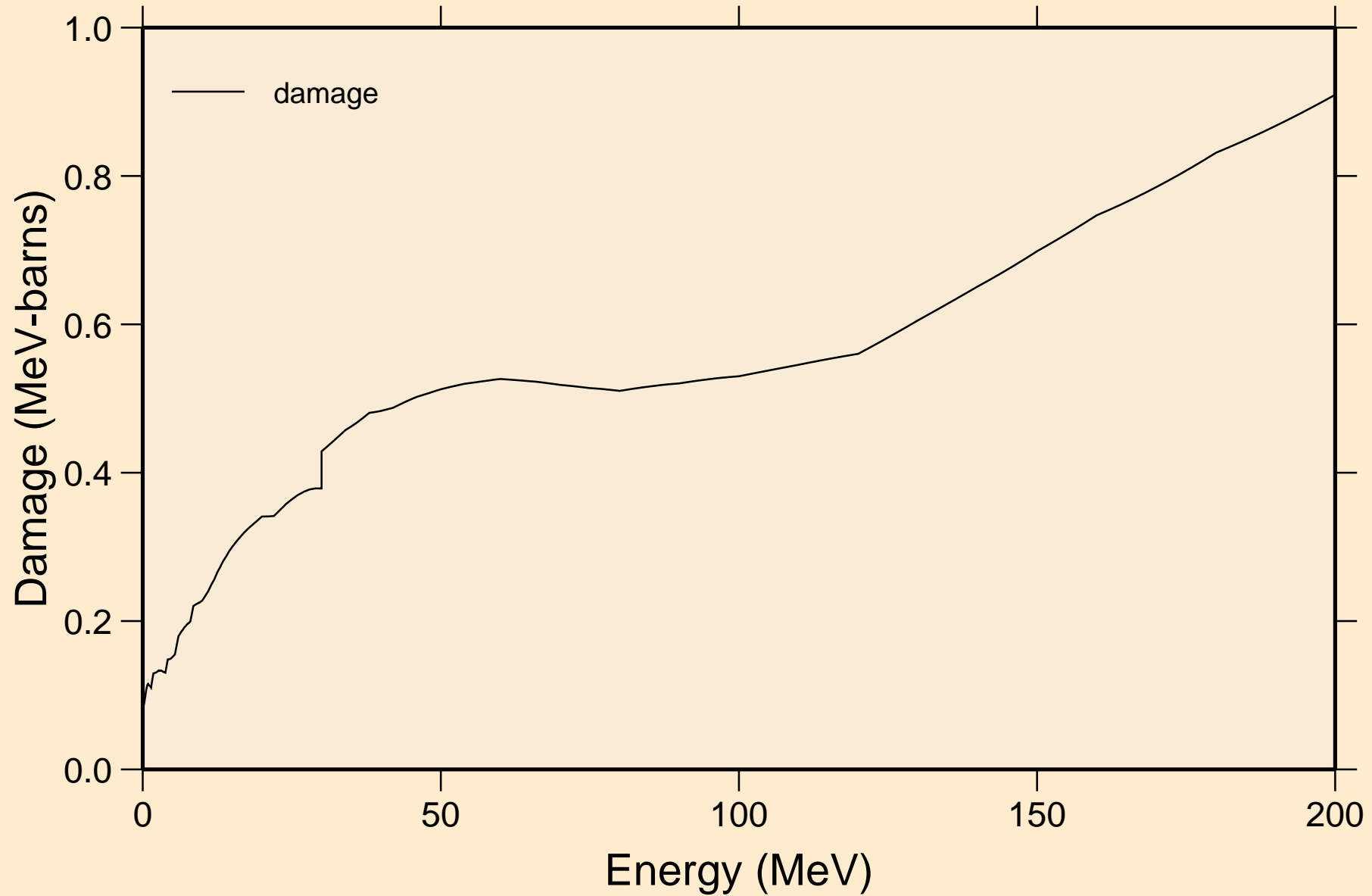


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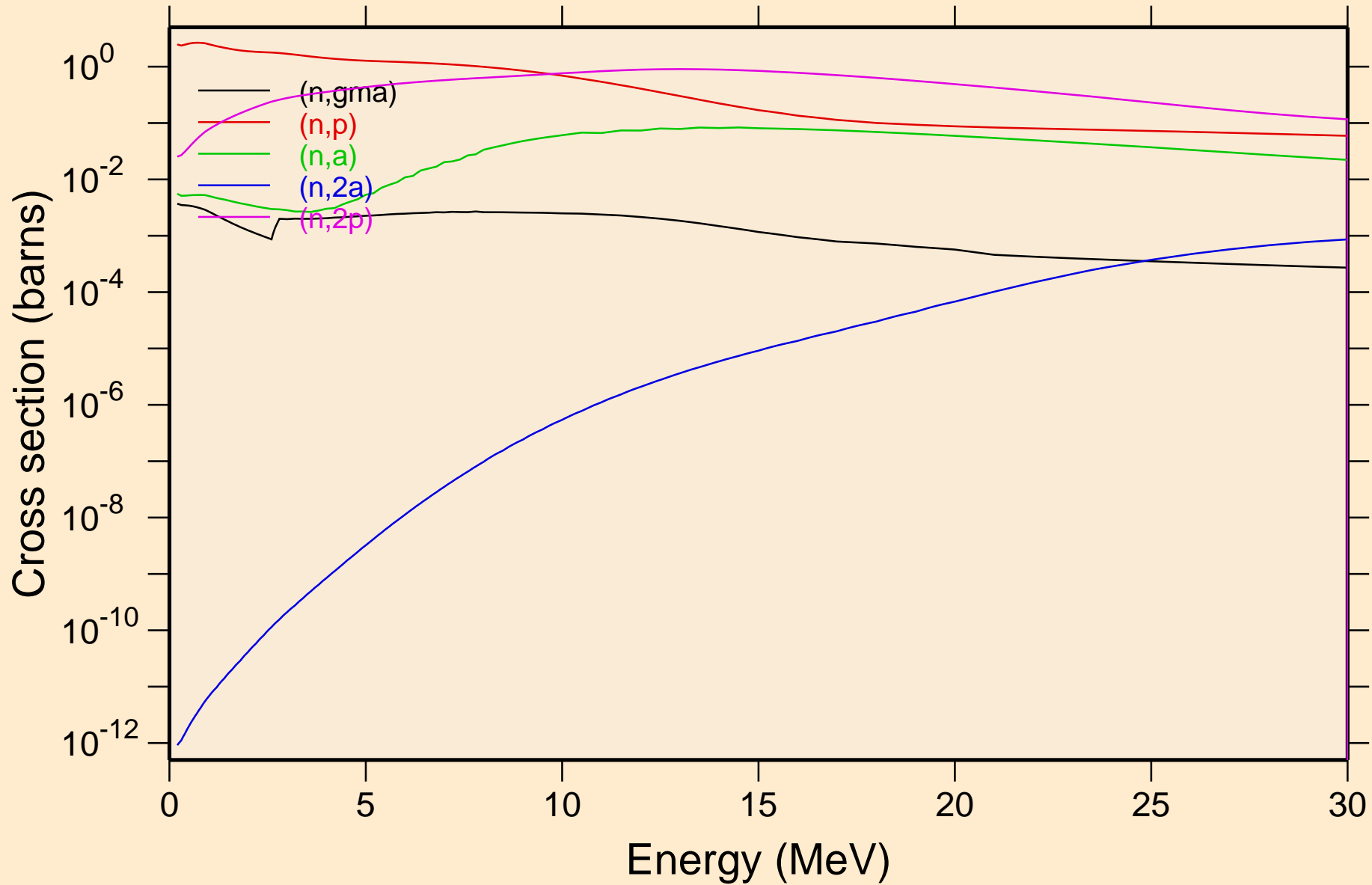
Heating



ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

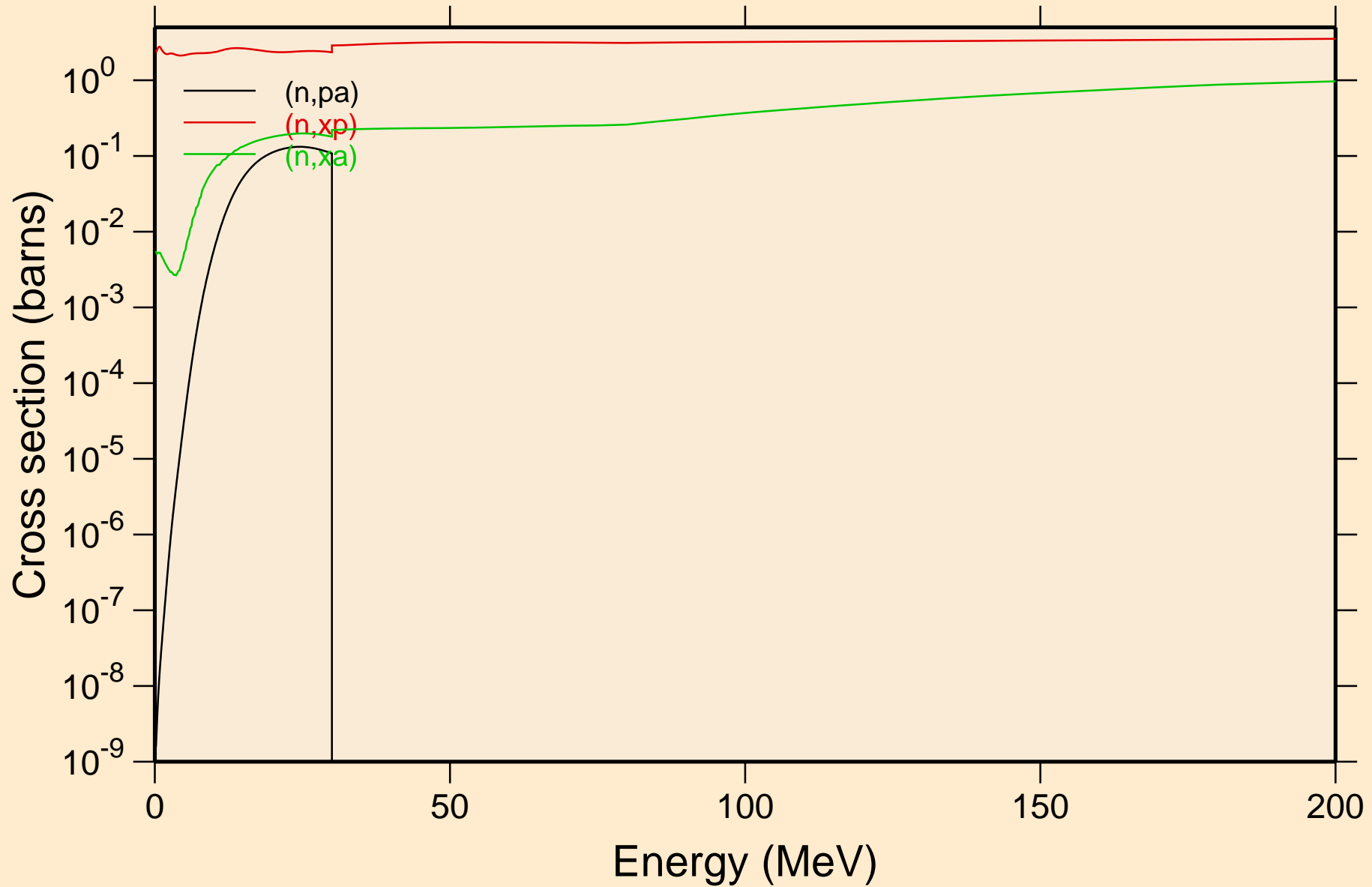


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

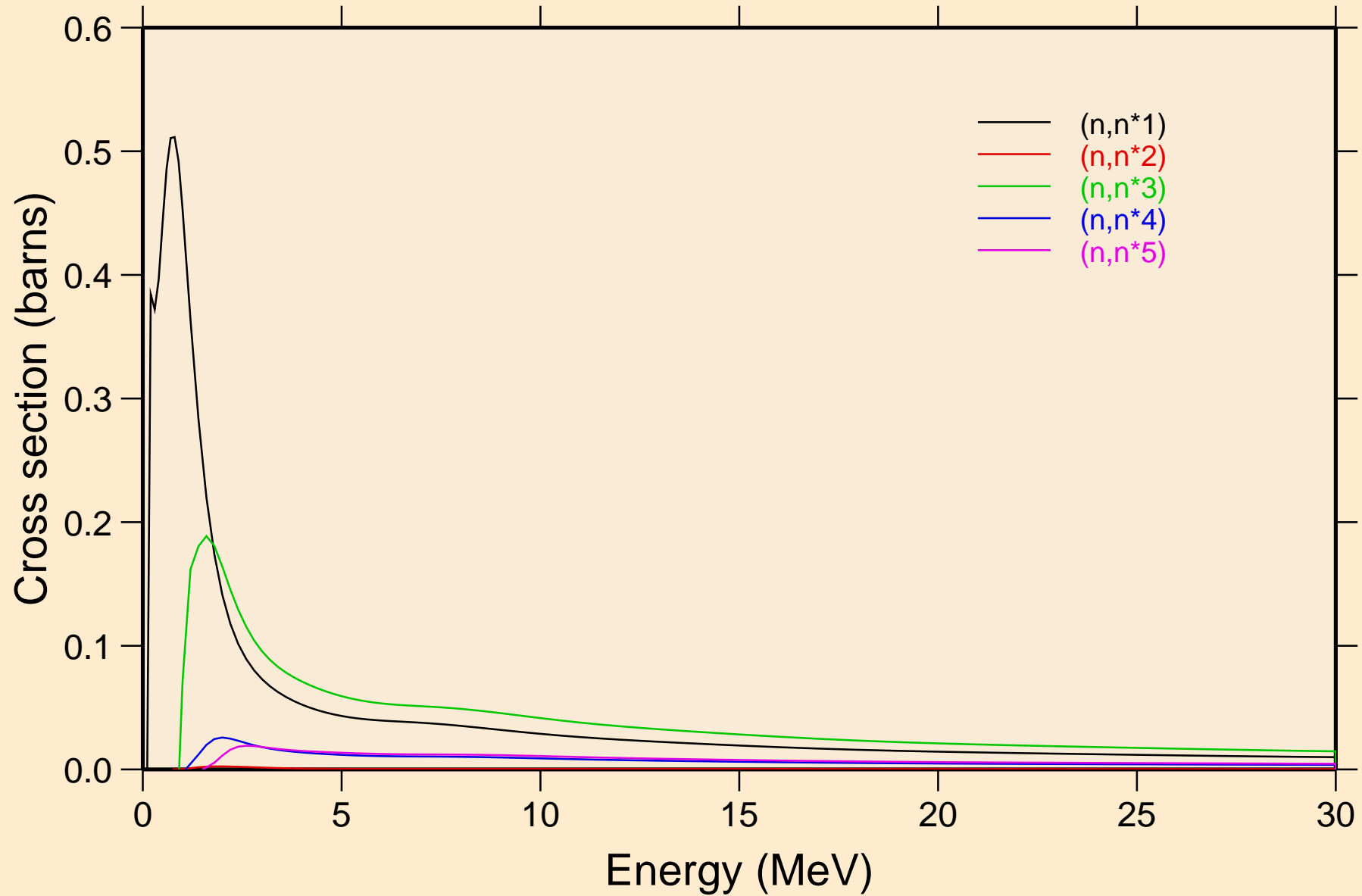


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Non-threshold reactions

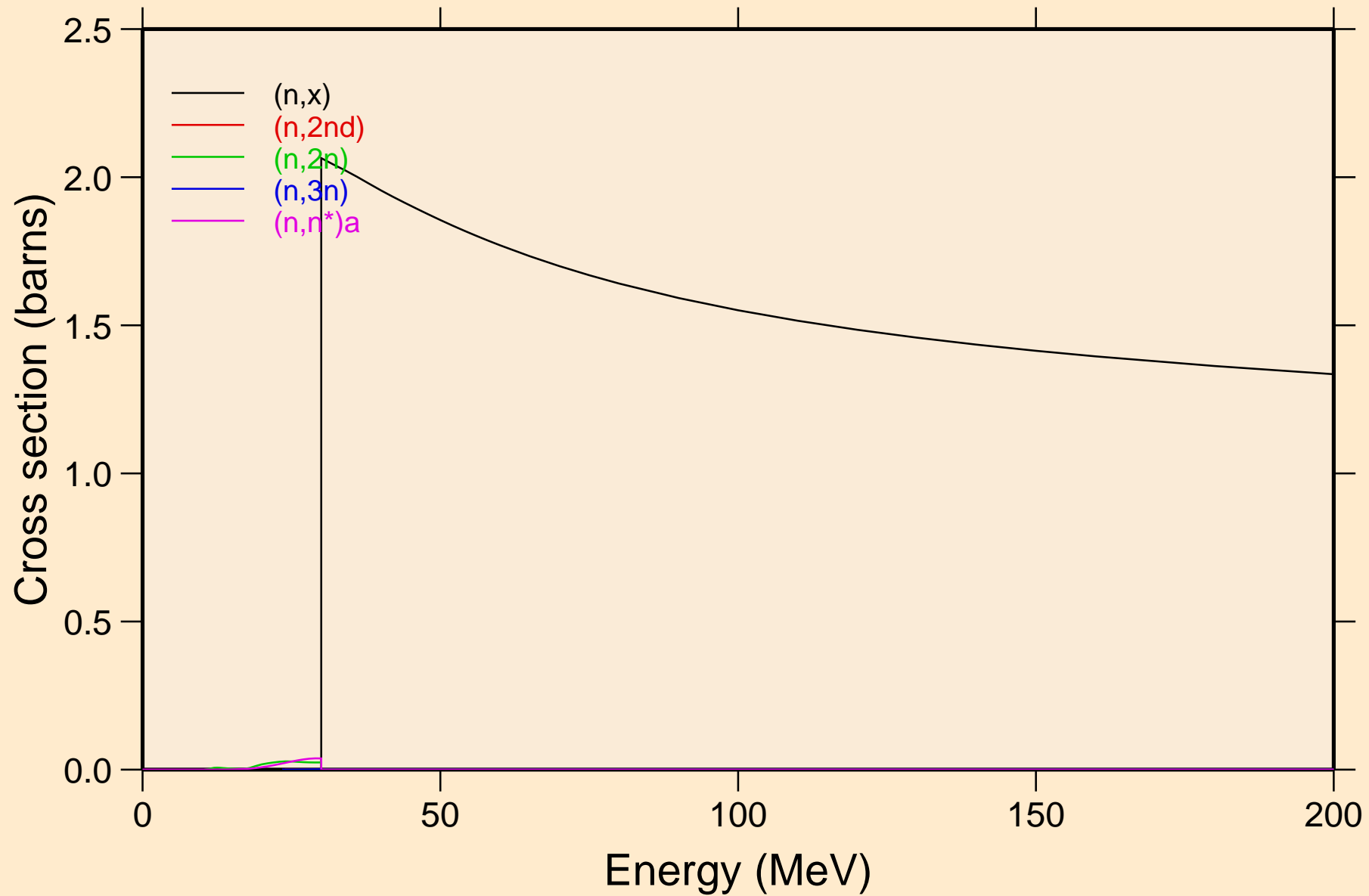


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

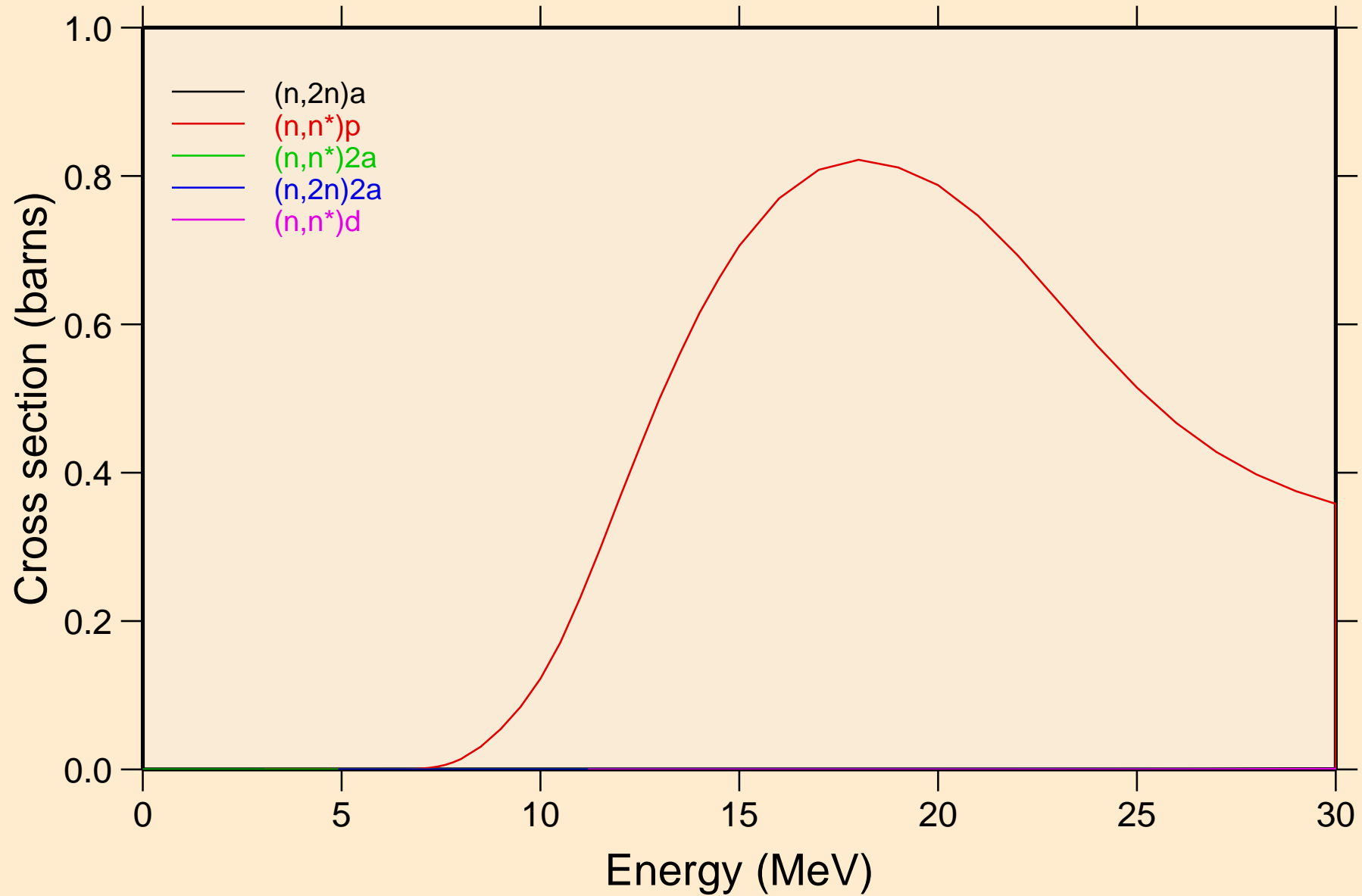


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

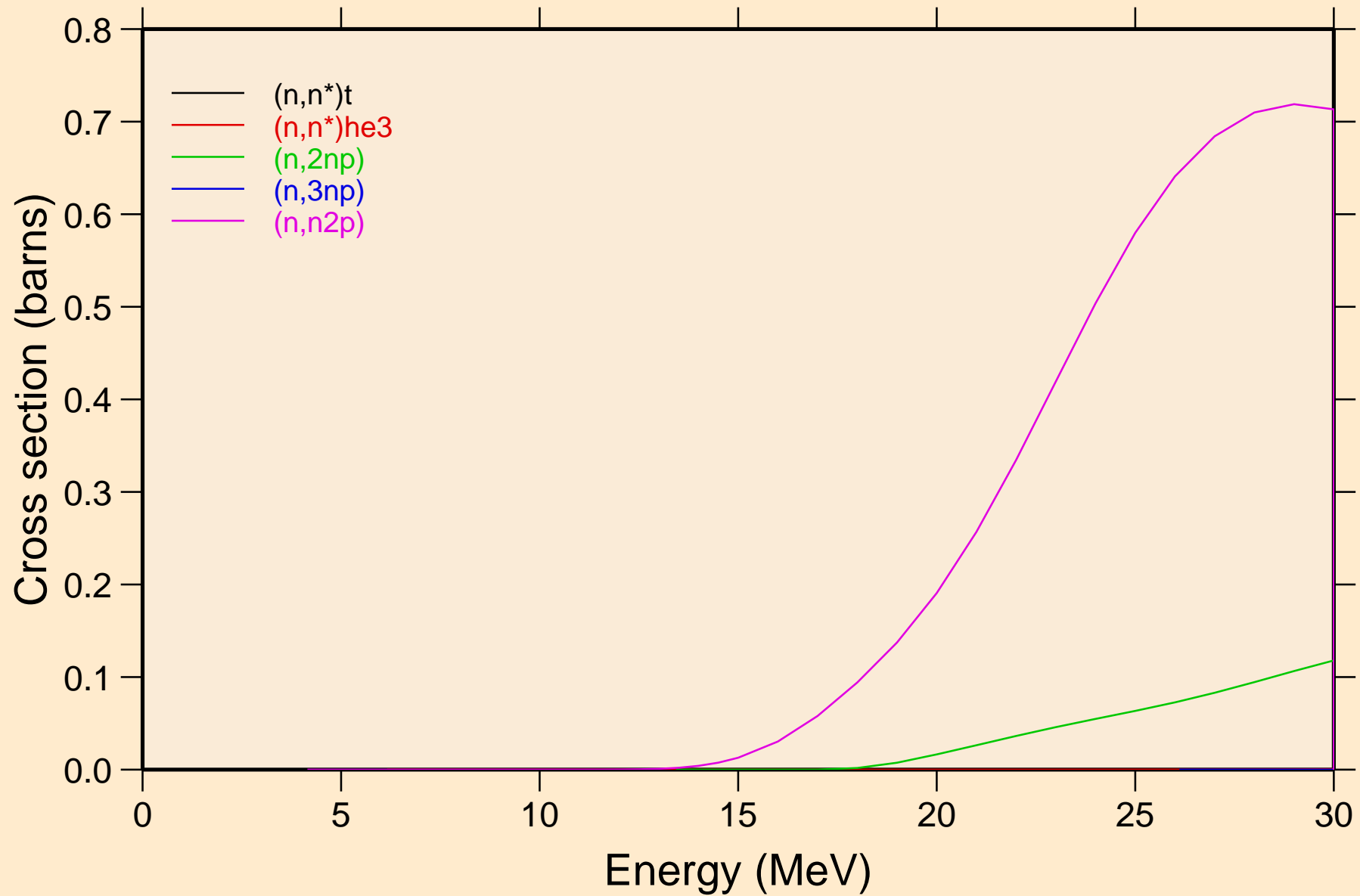


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

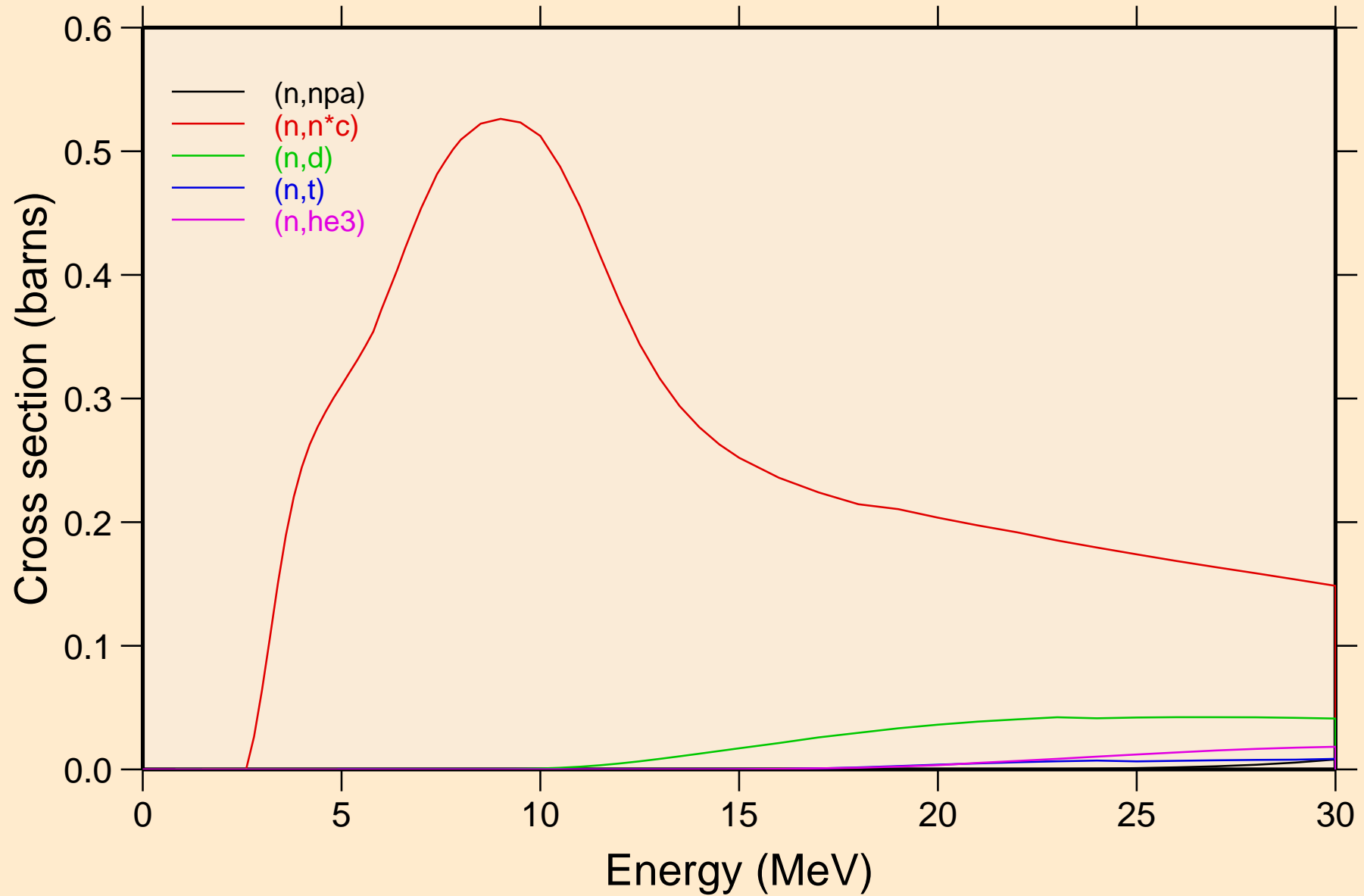


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

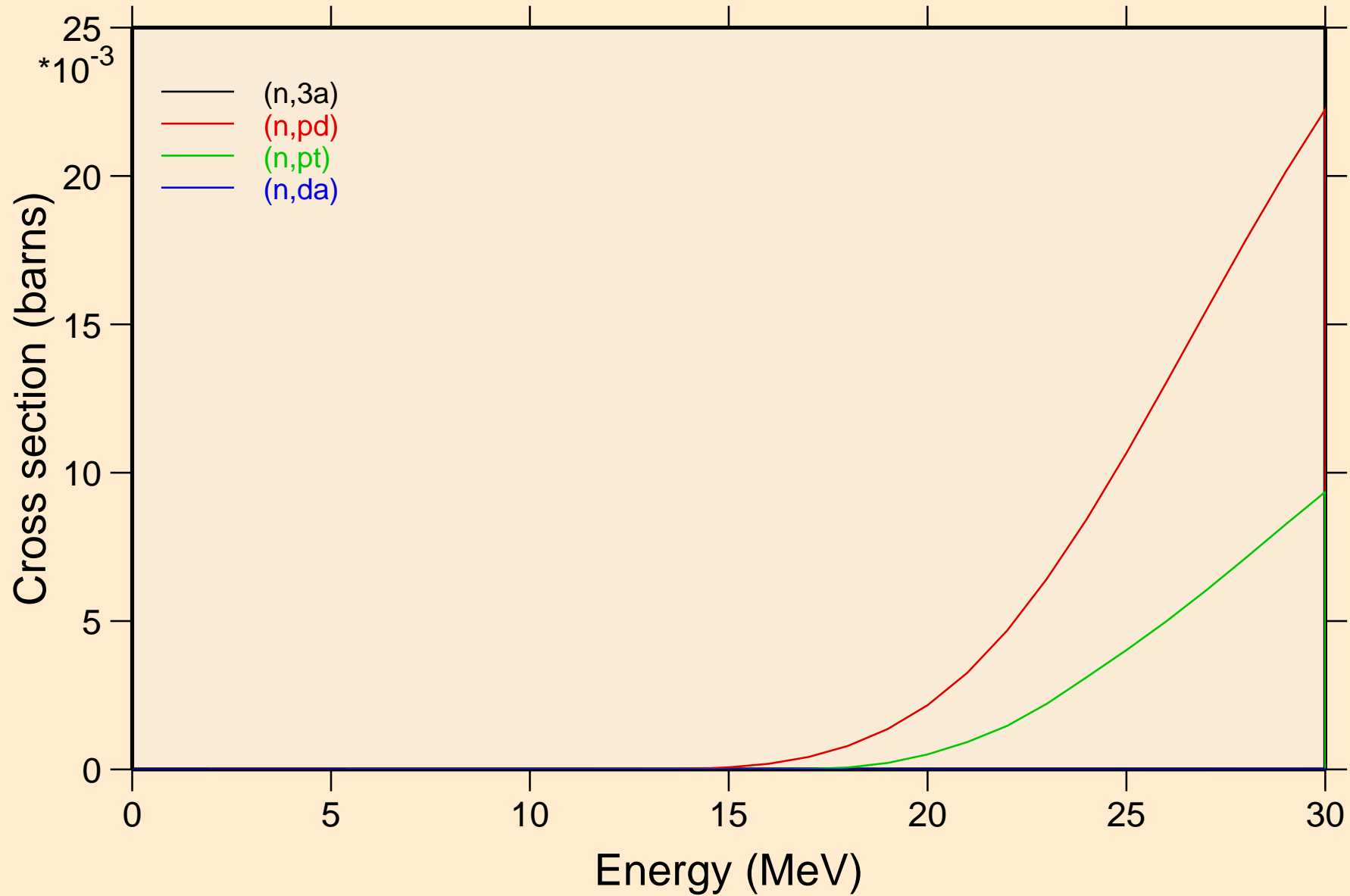
Threshold reactions



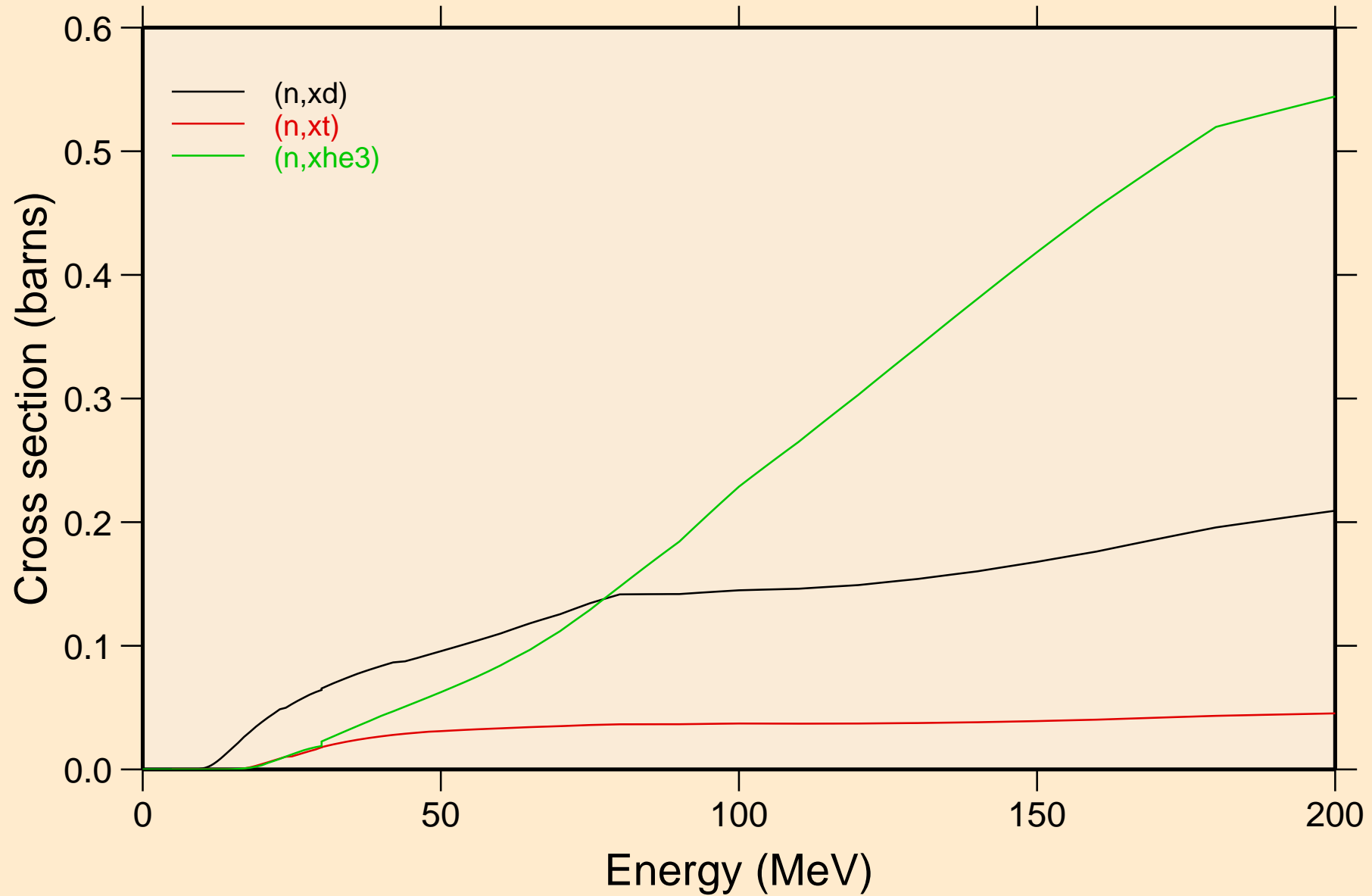
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



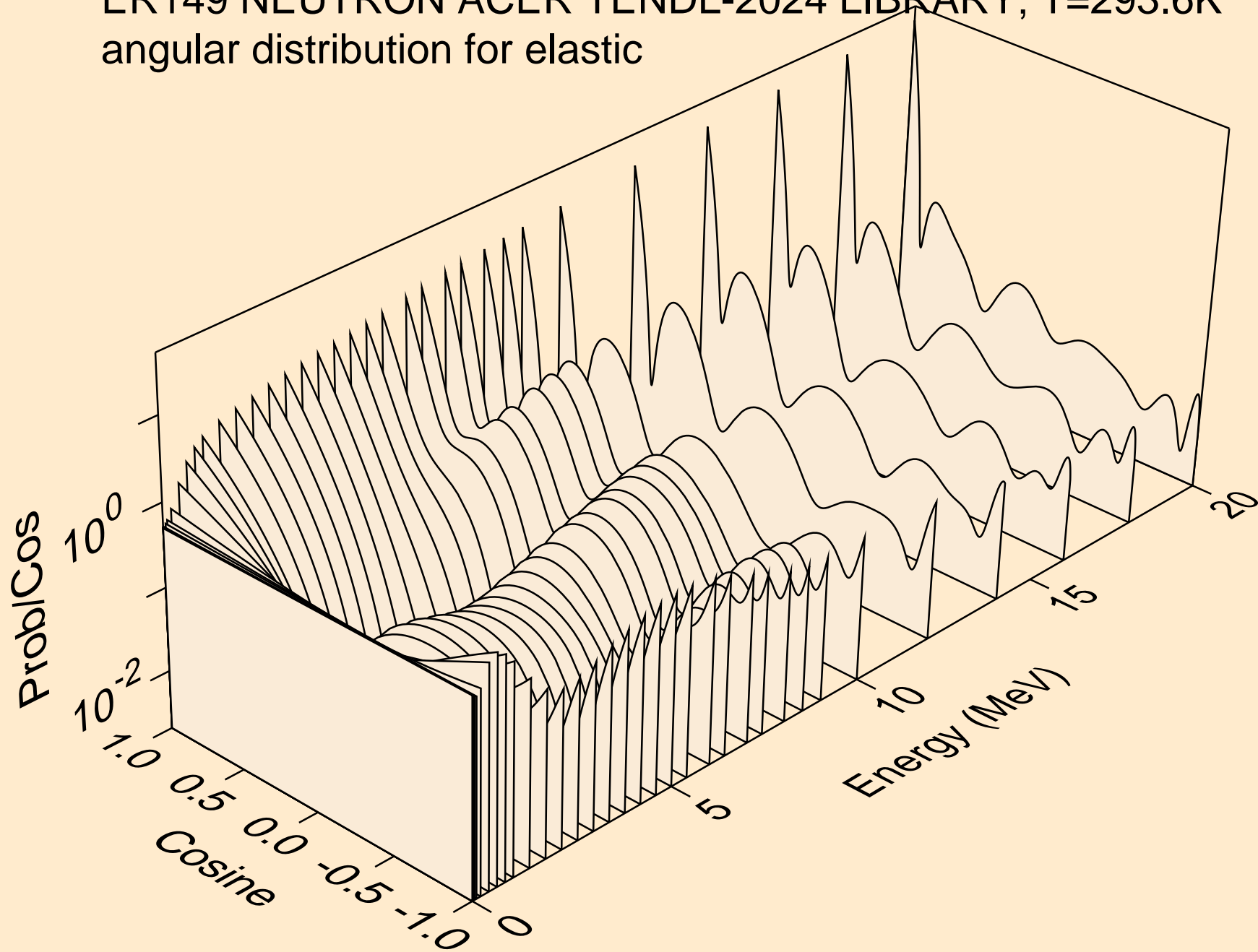
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



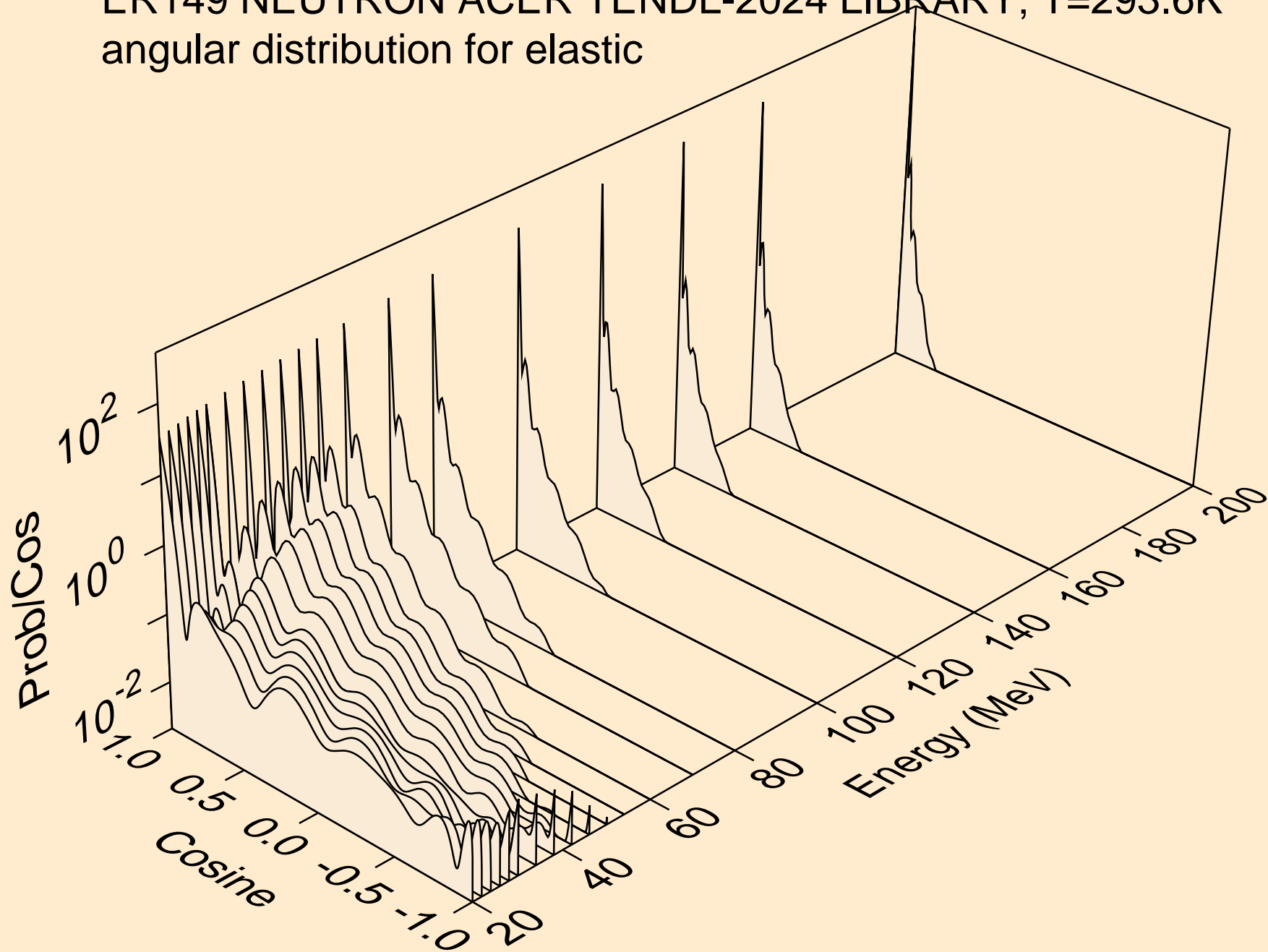
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



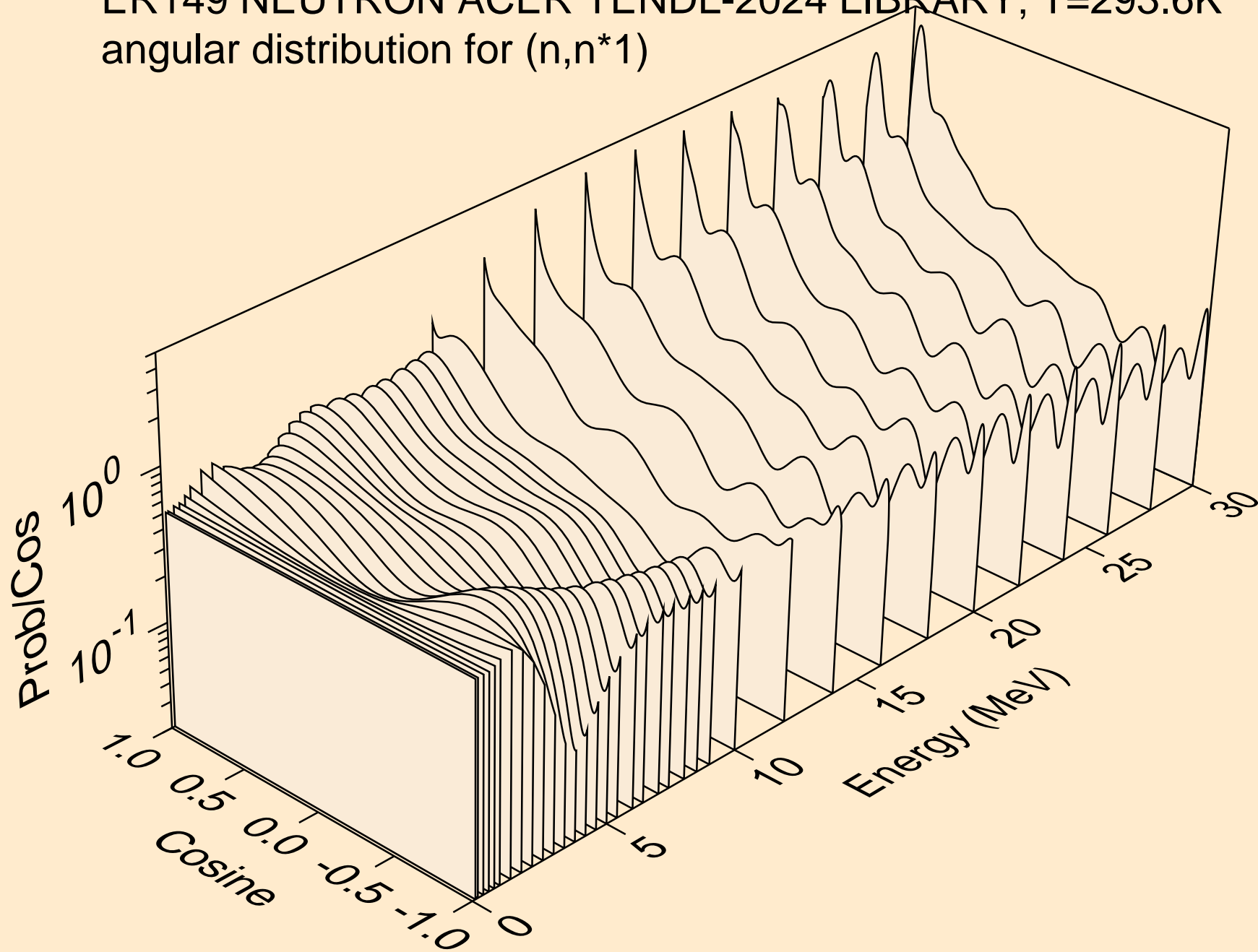
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



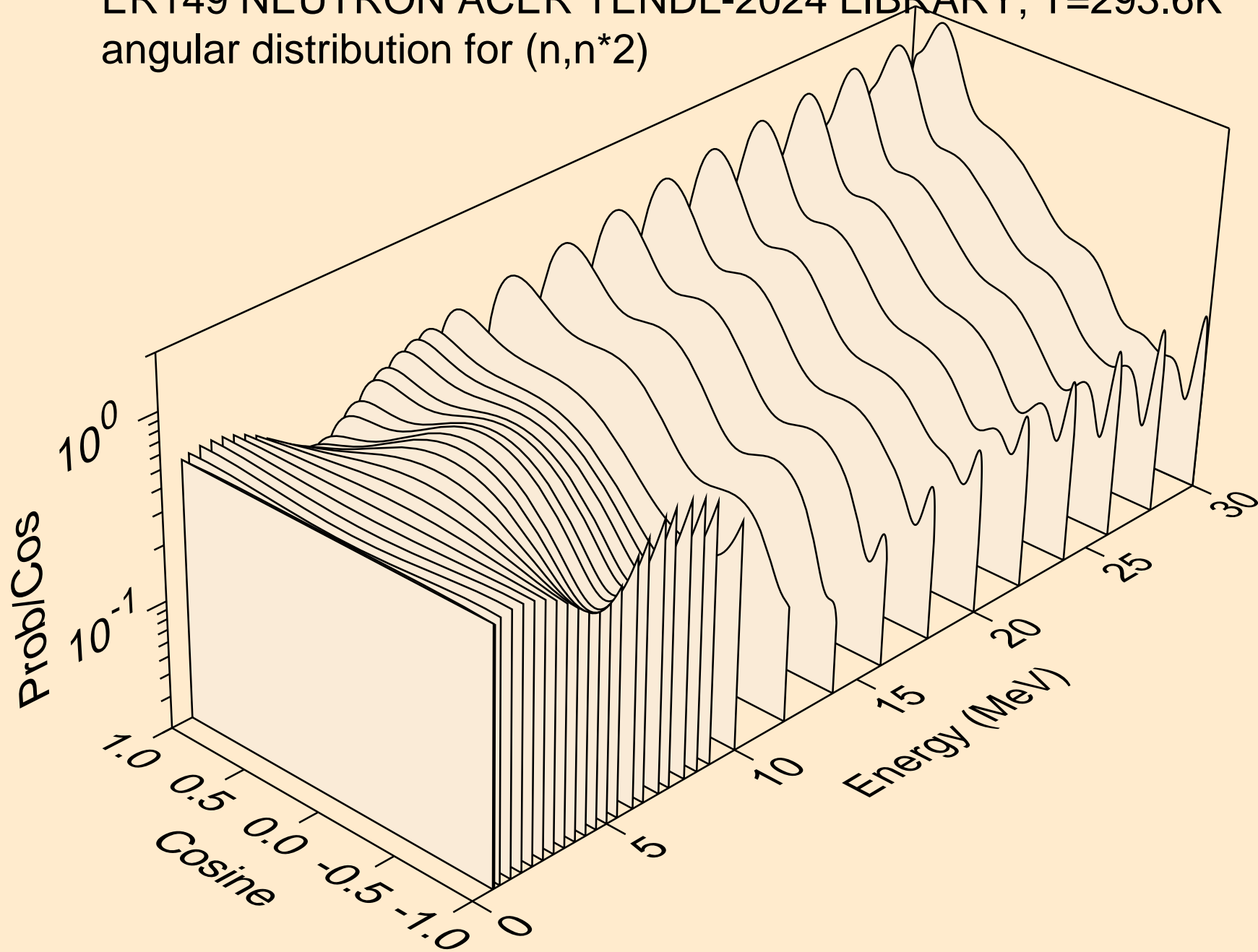
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



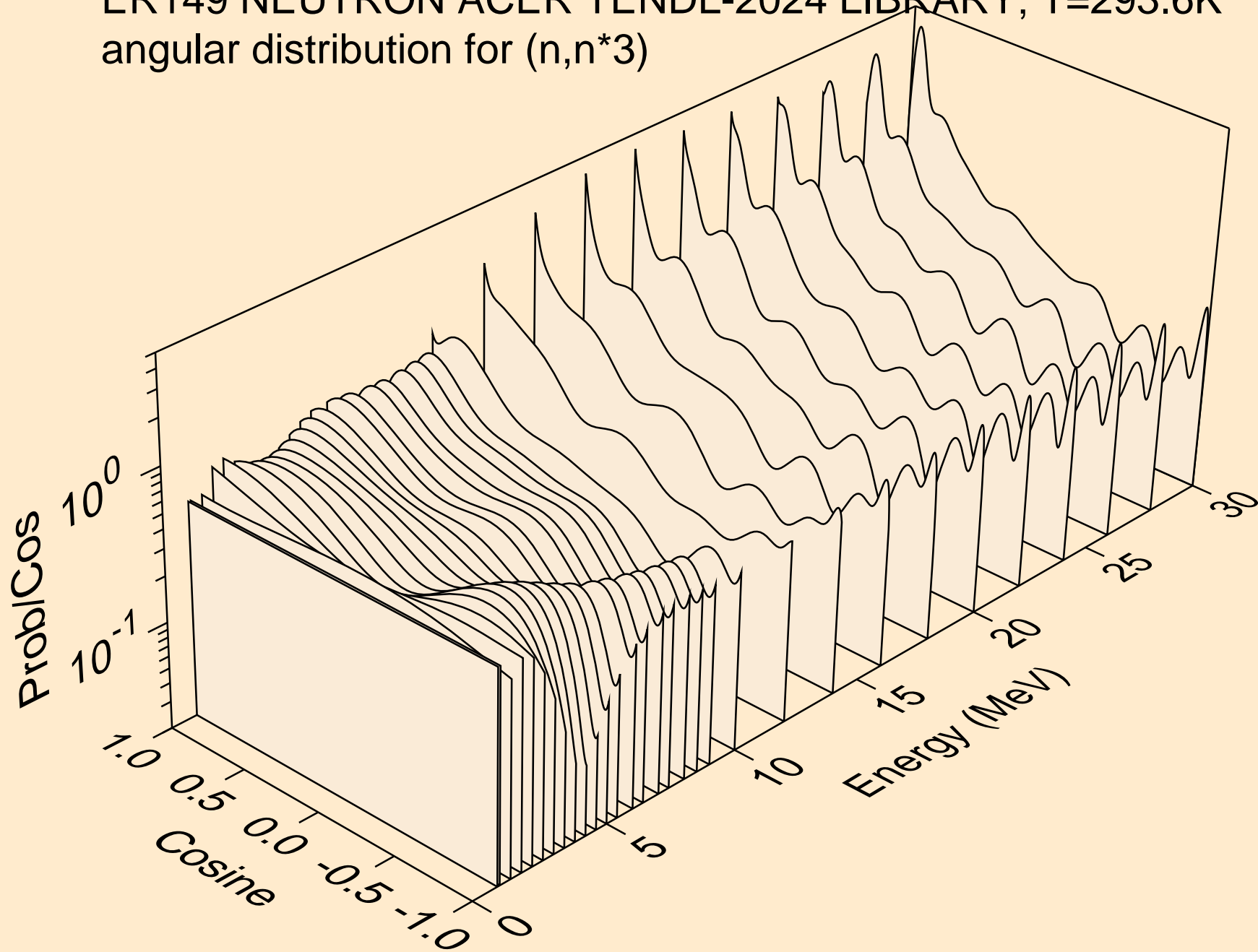
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



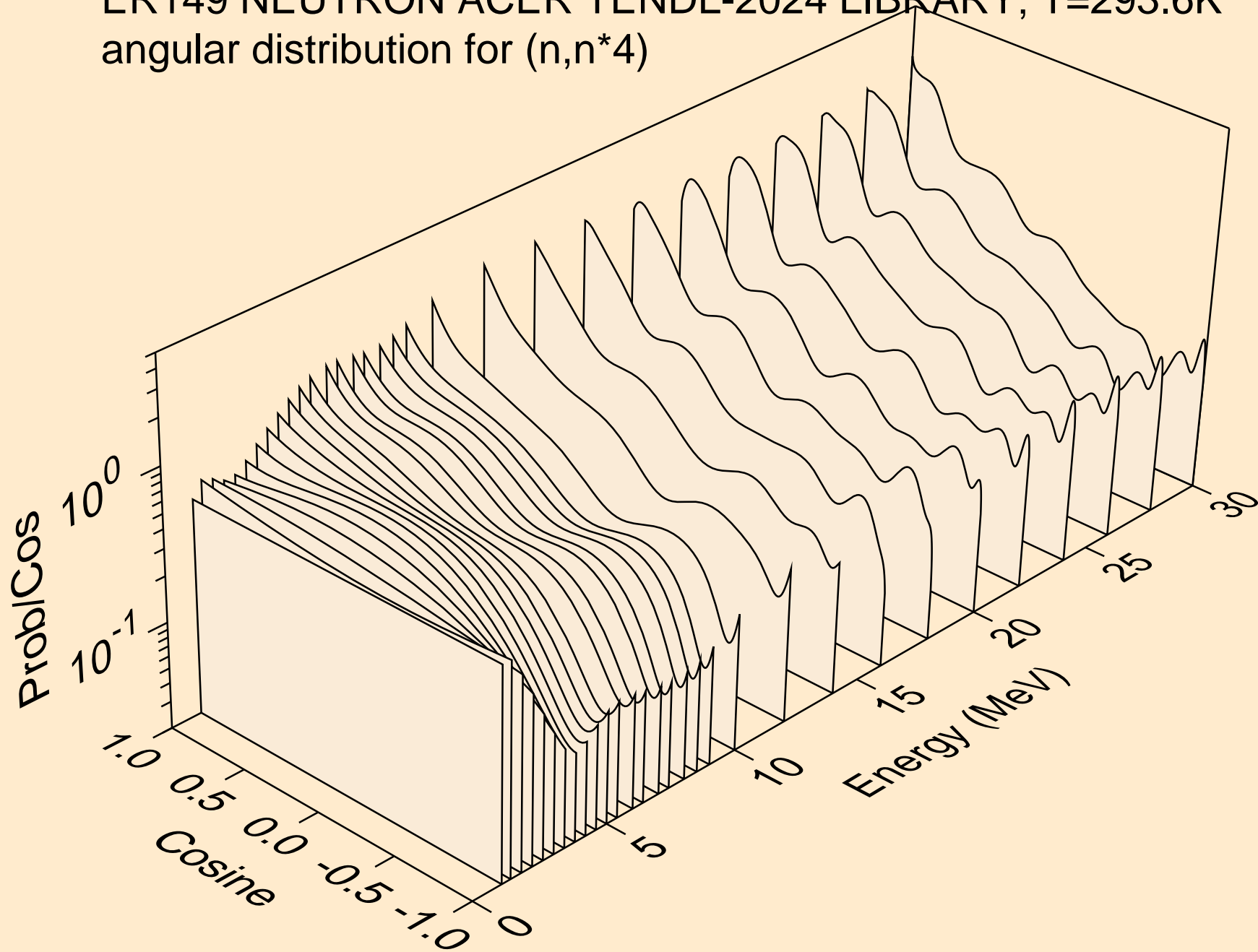
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



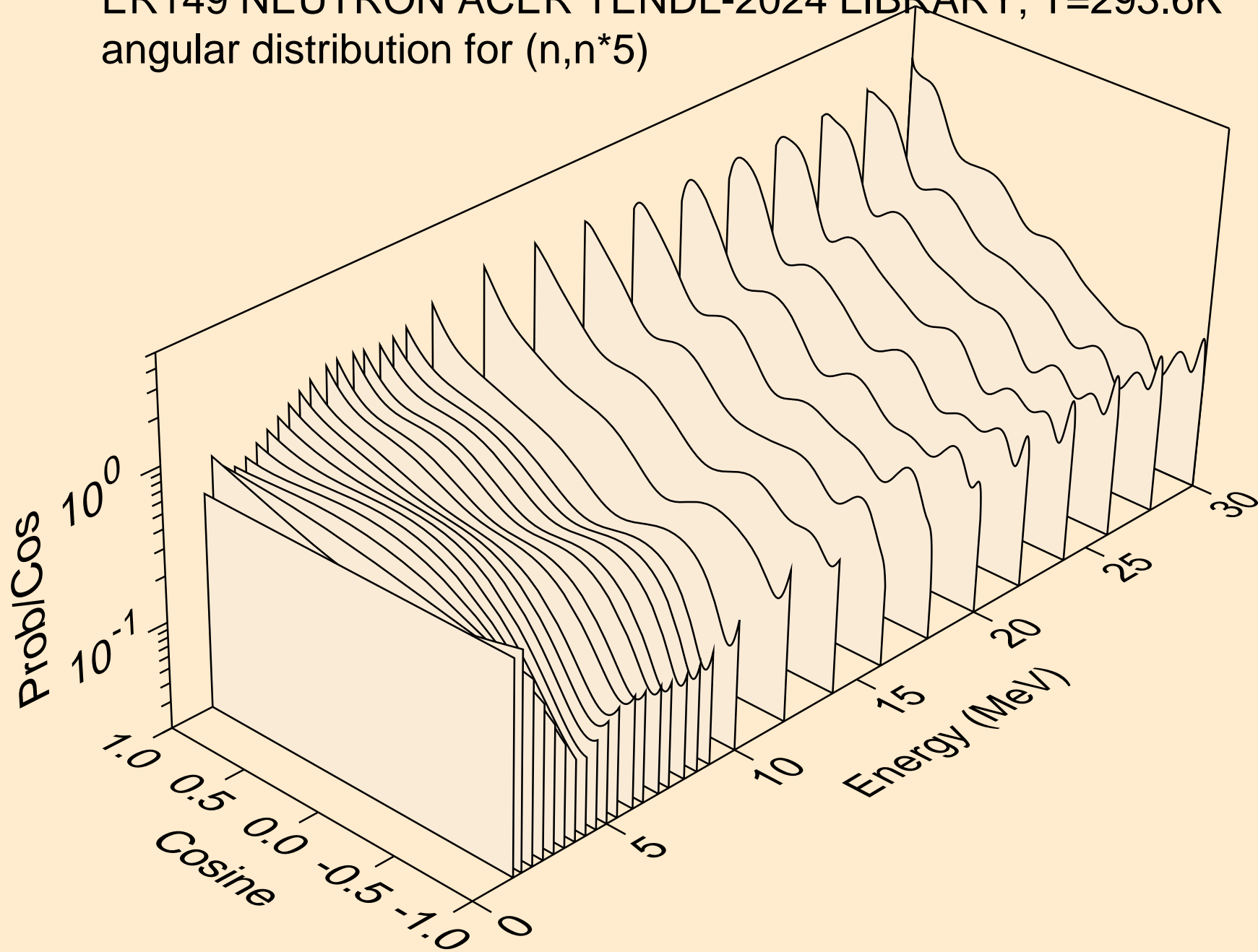
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



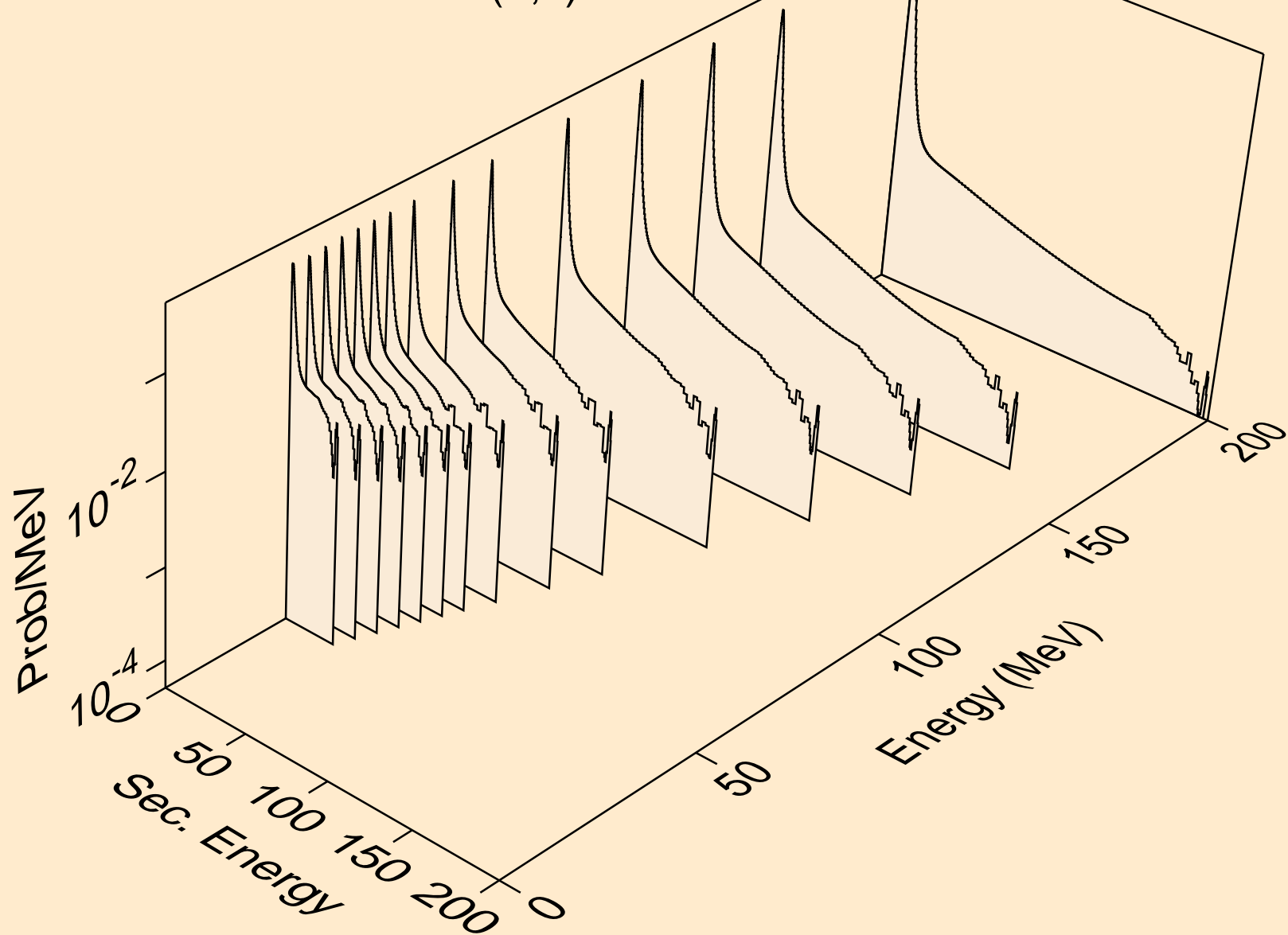
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angular distribution for (n,n*4)



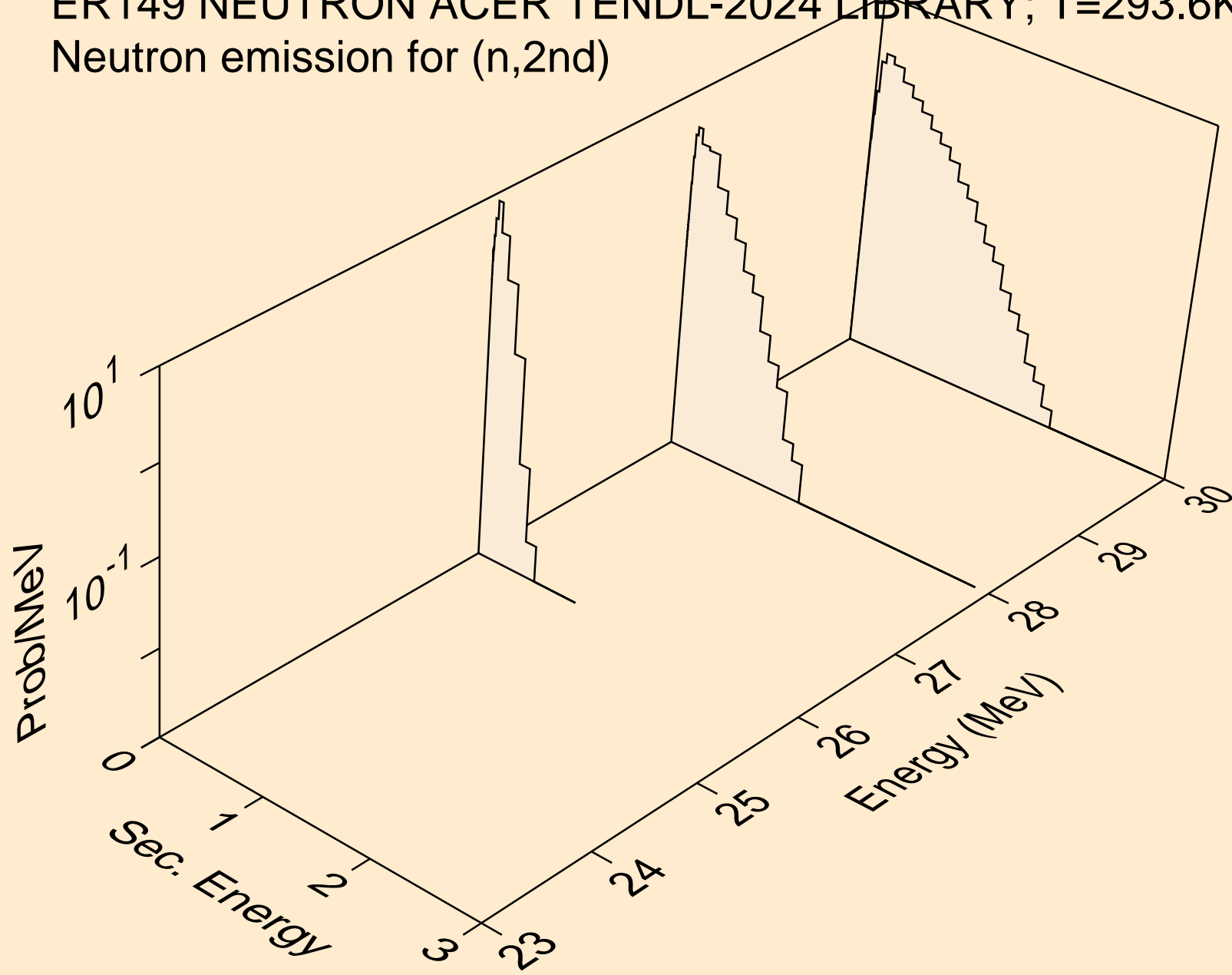
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angular distribution for (n,n*5)



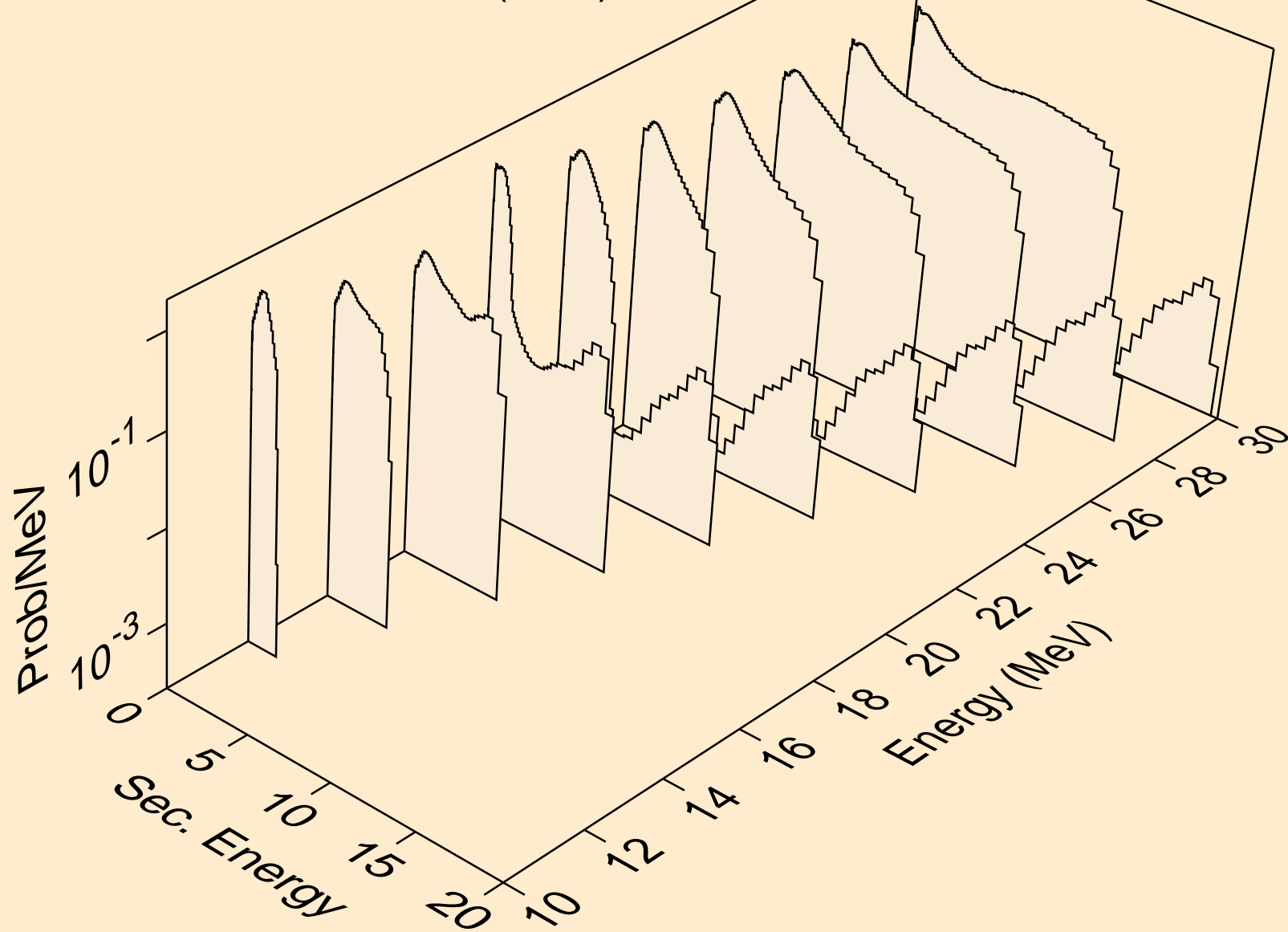
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



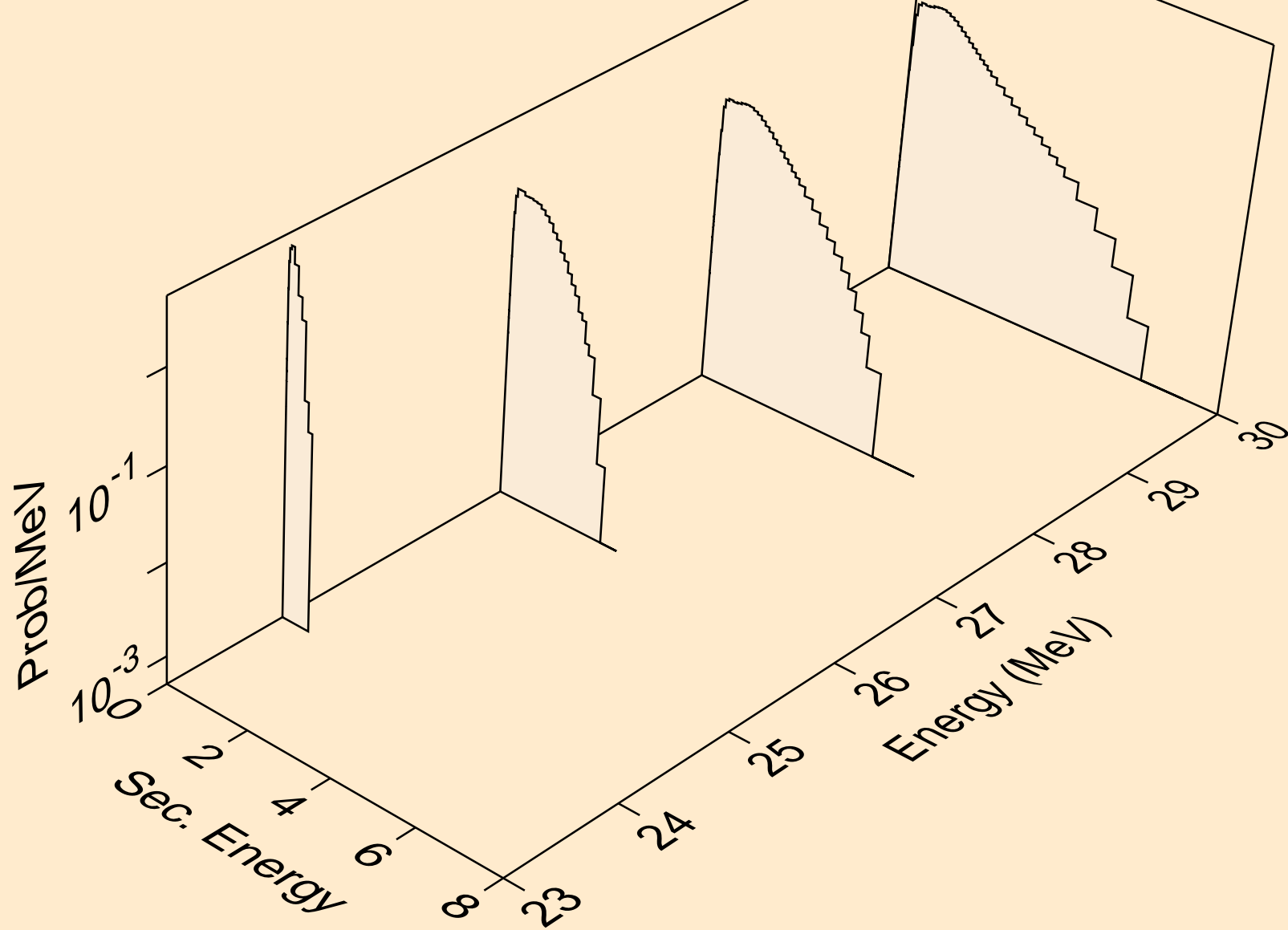
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



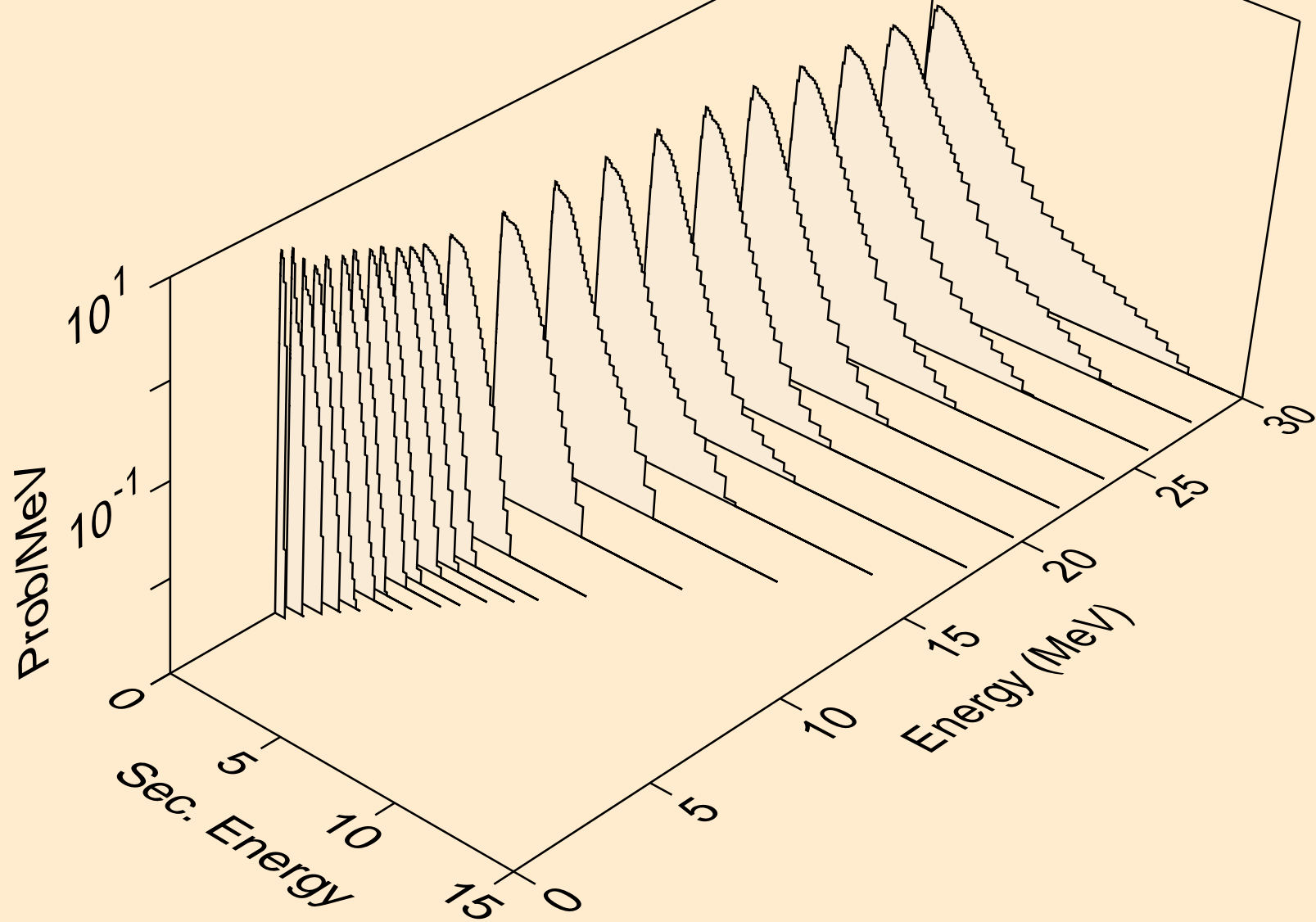
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



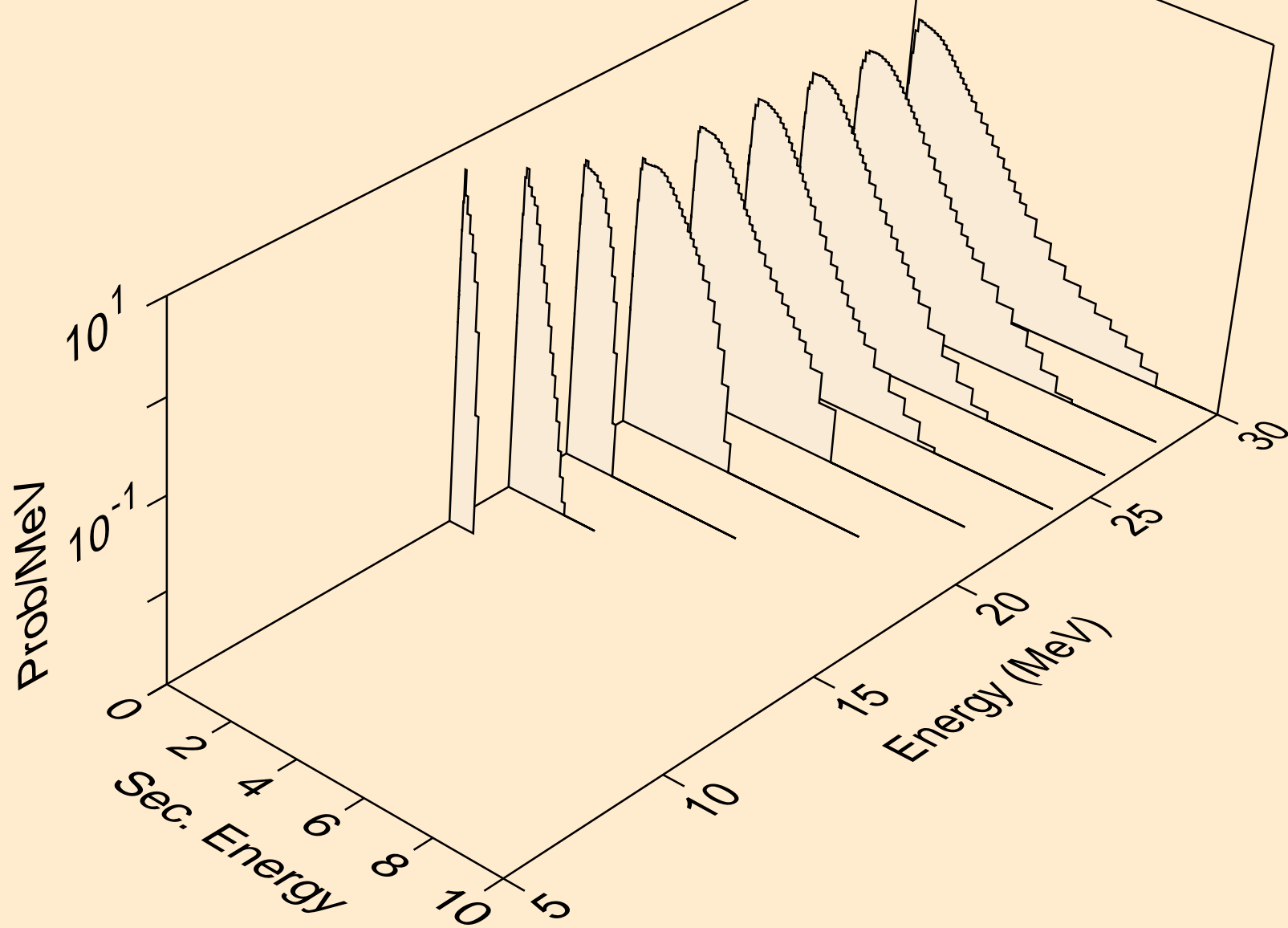
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



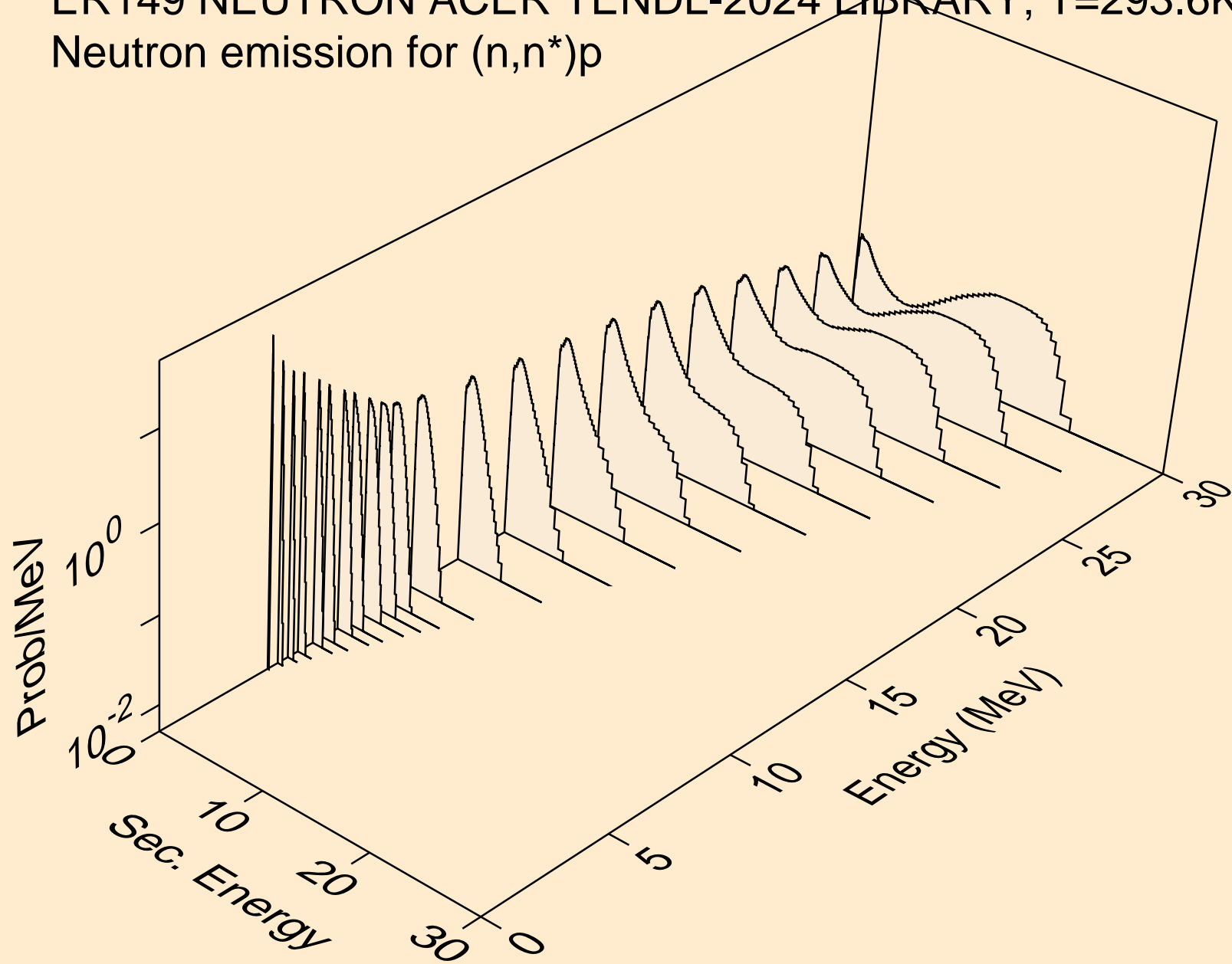
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



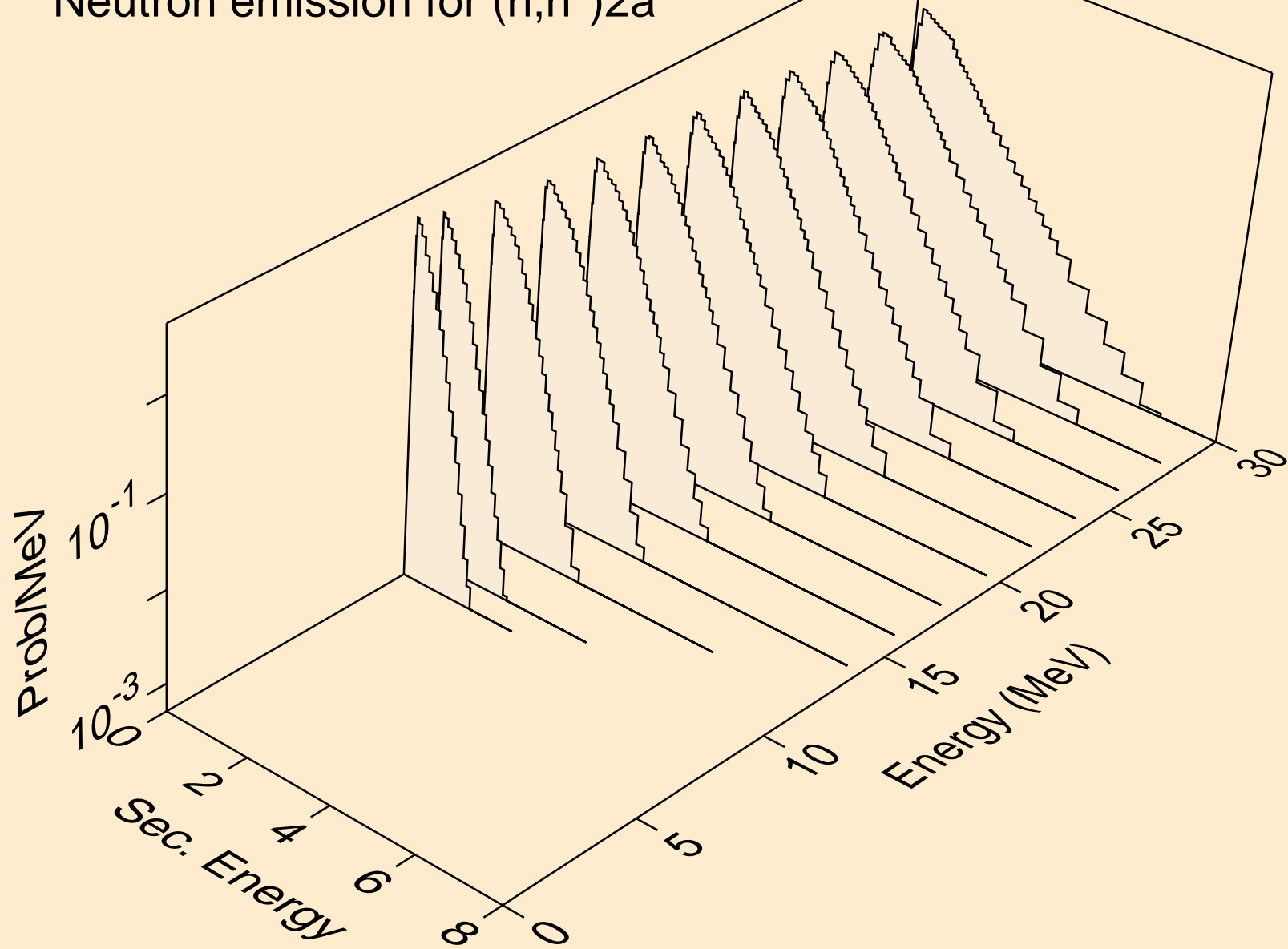
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



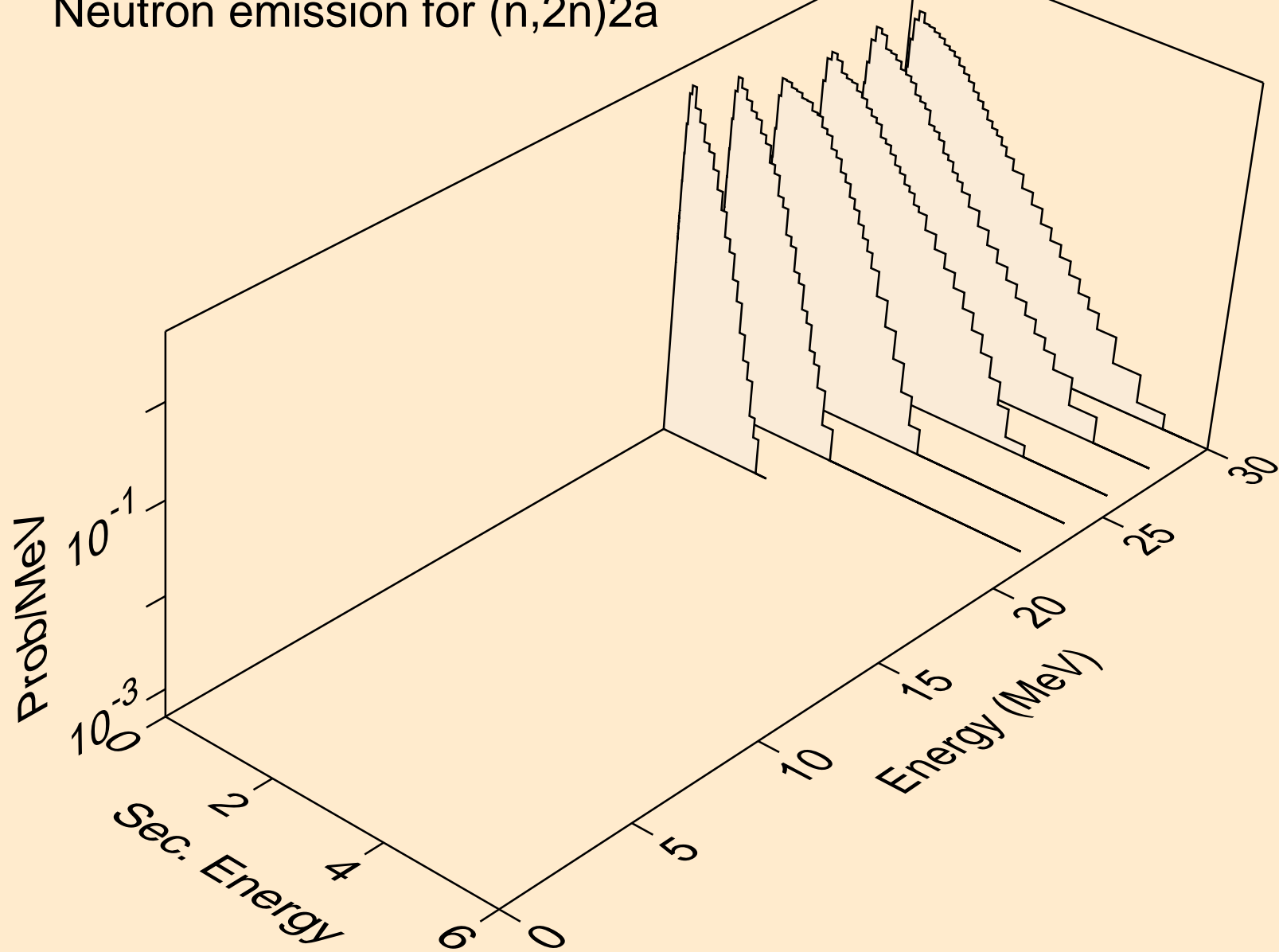
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



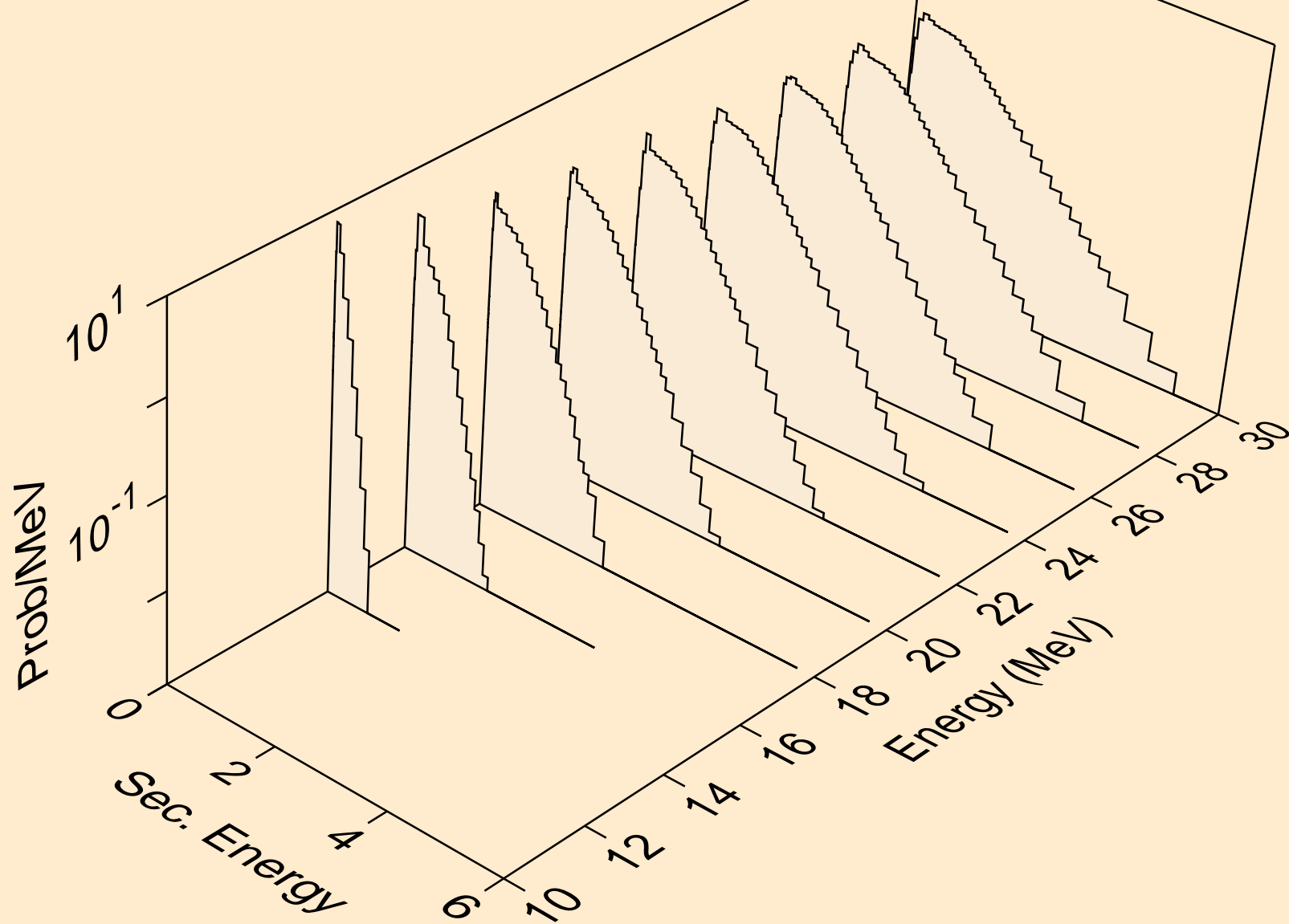
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



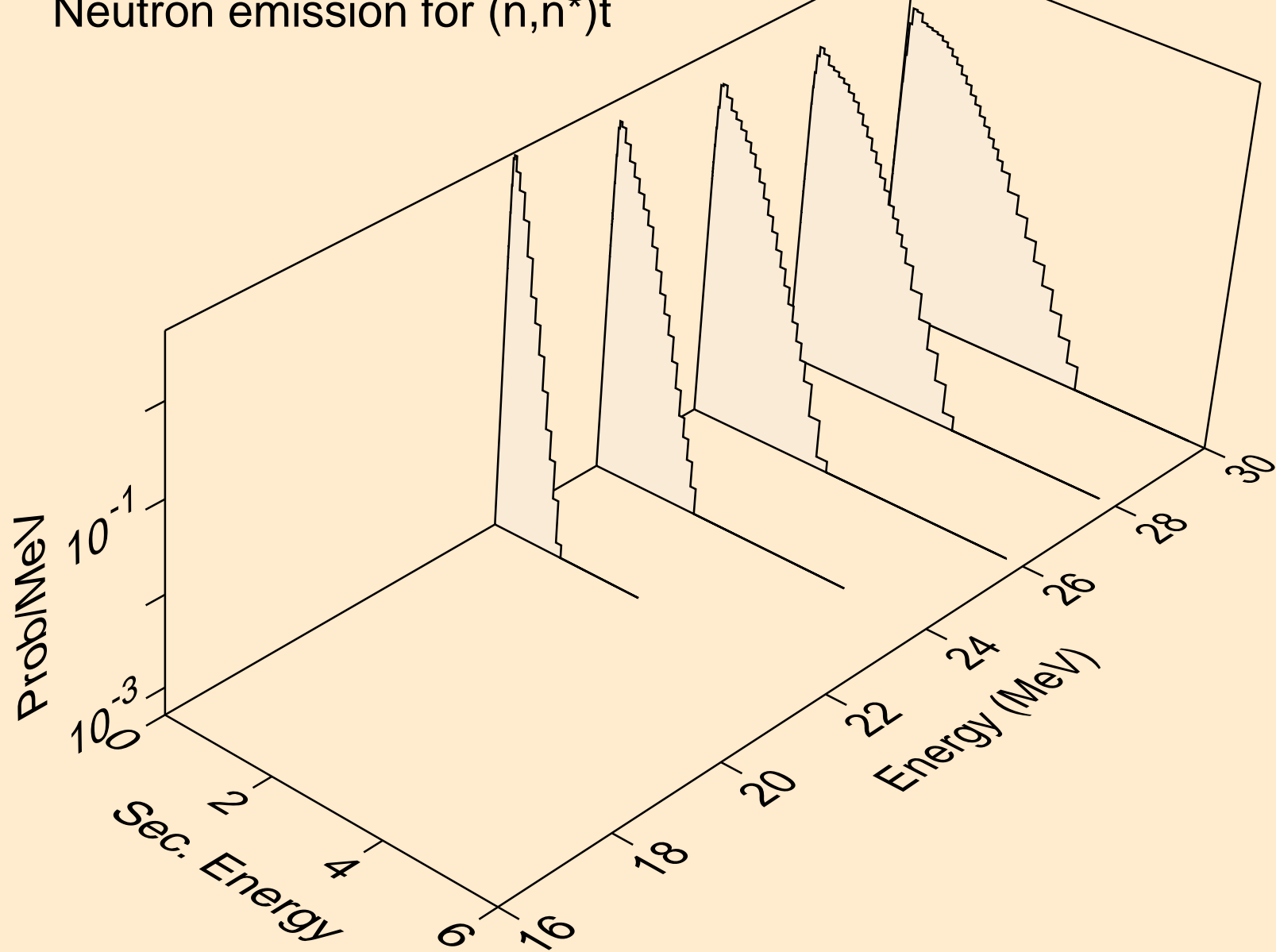
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



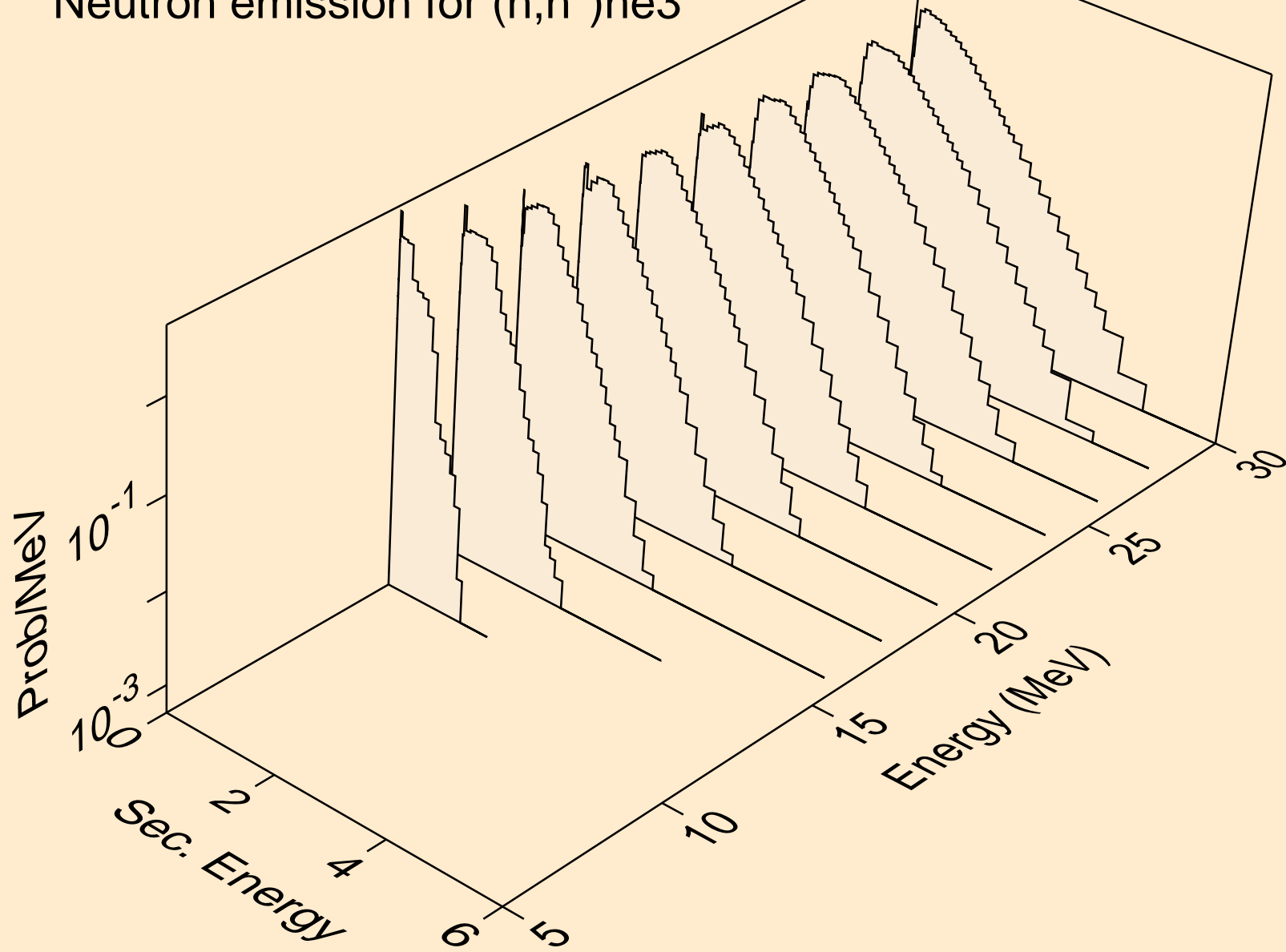
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



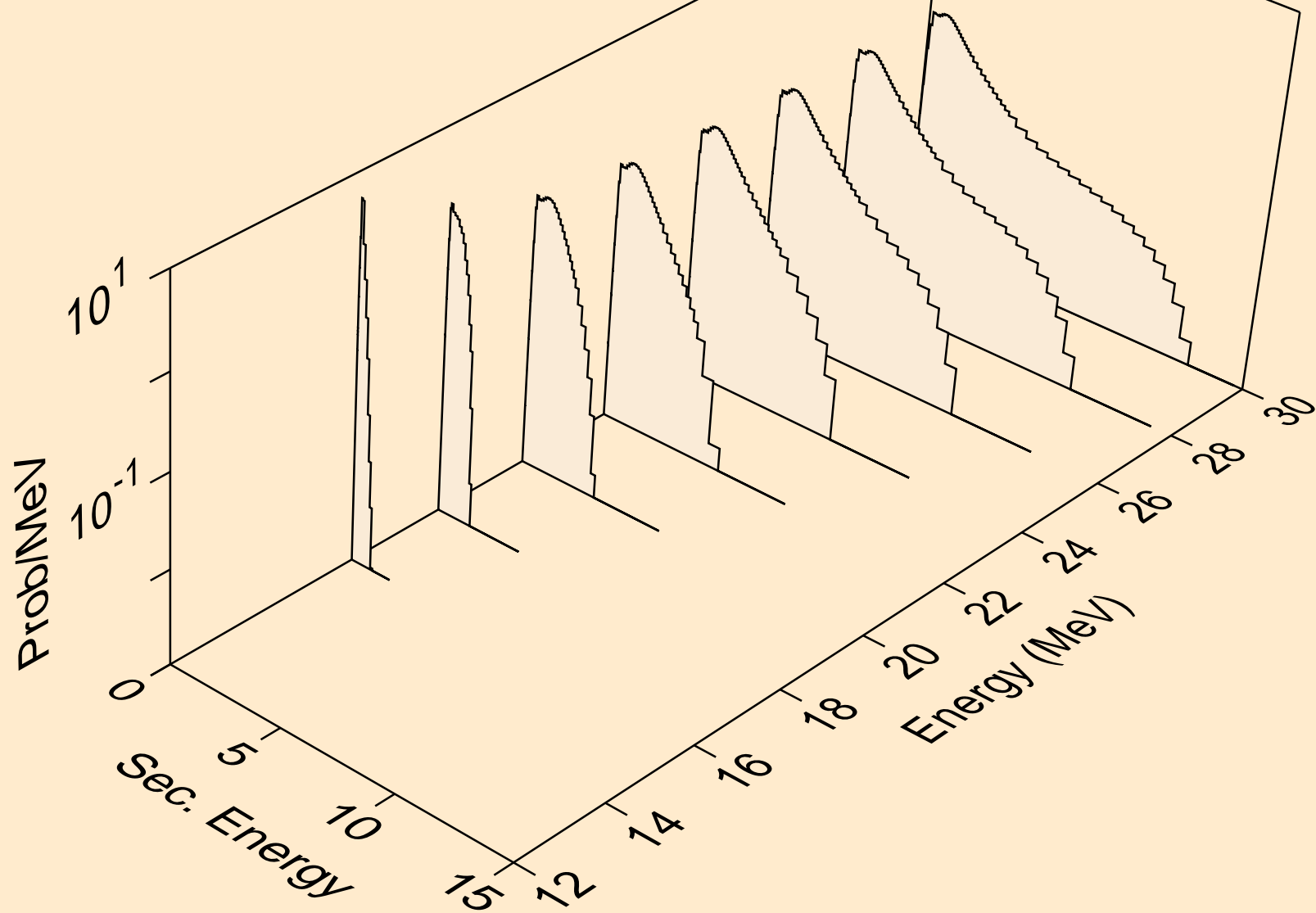
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



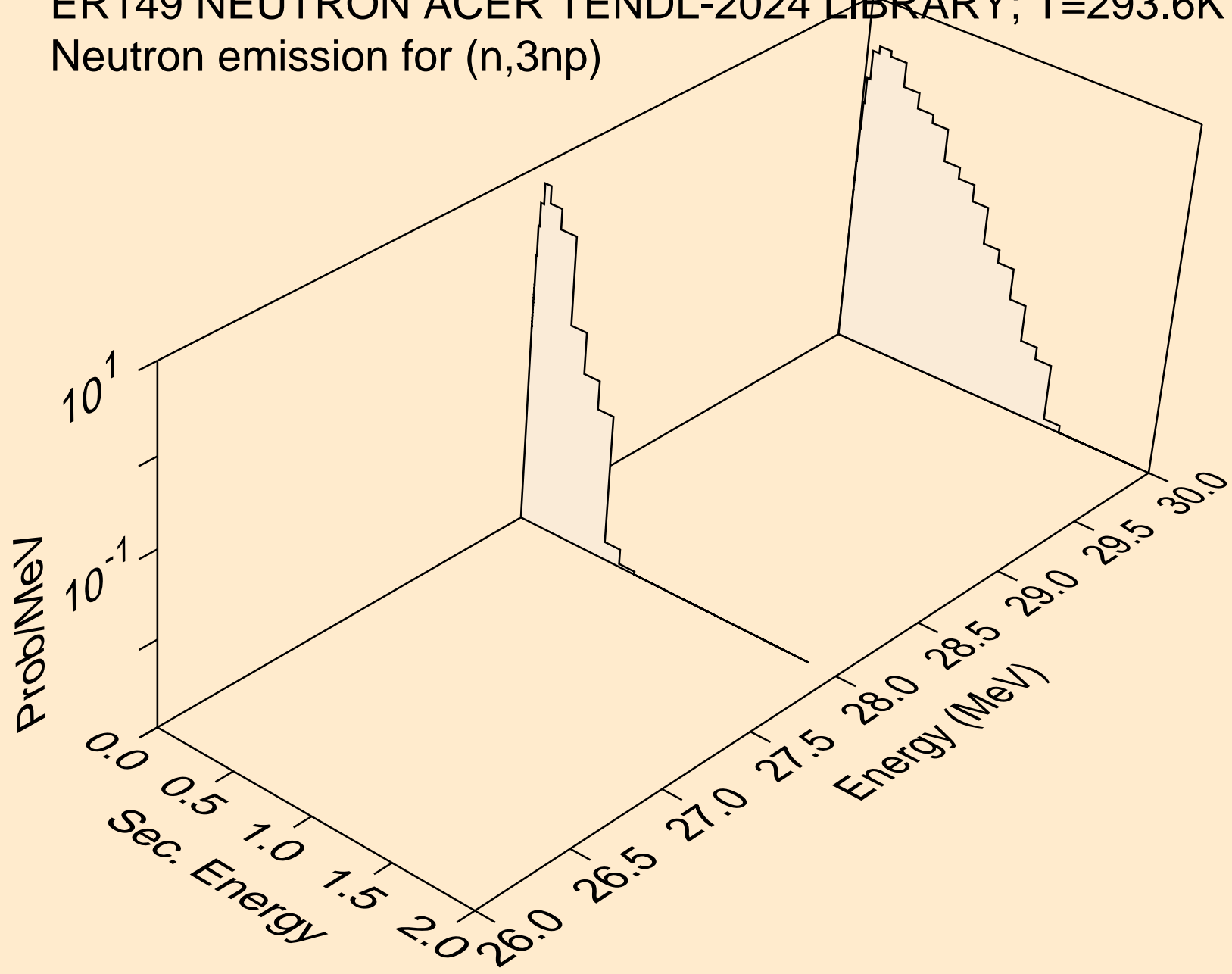
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



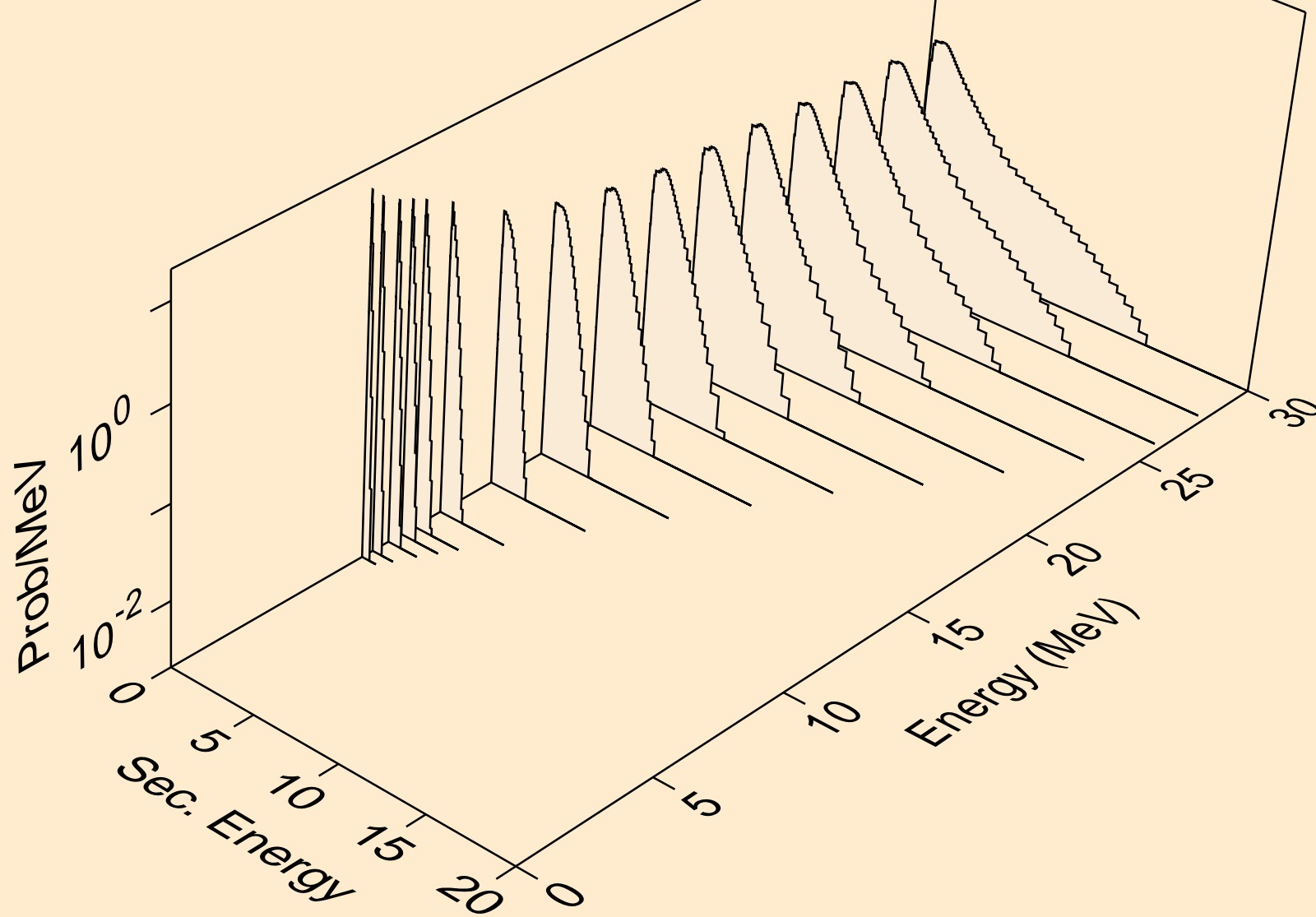
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



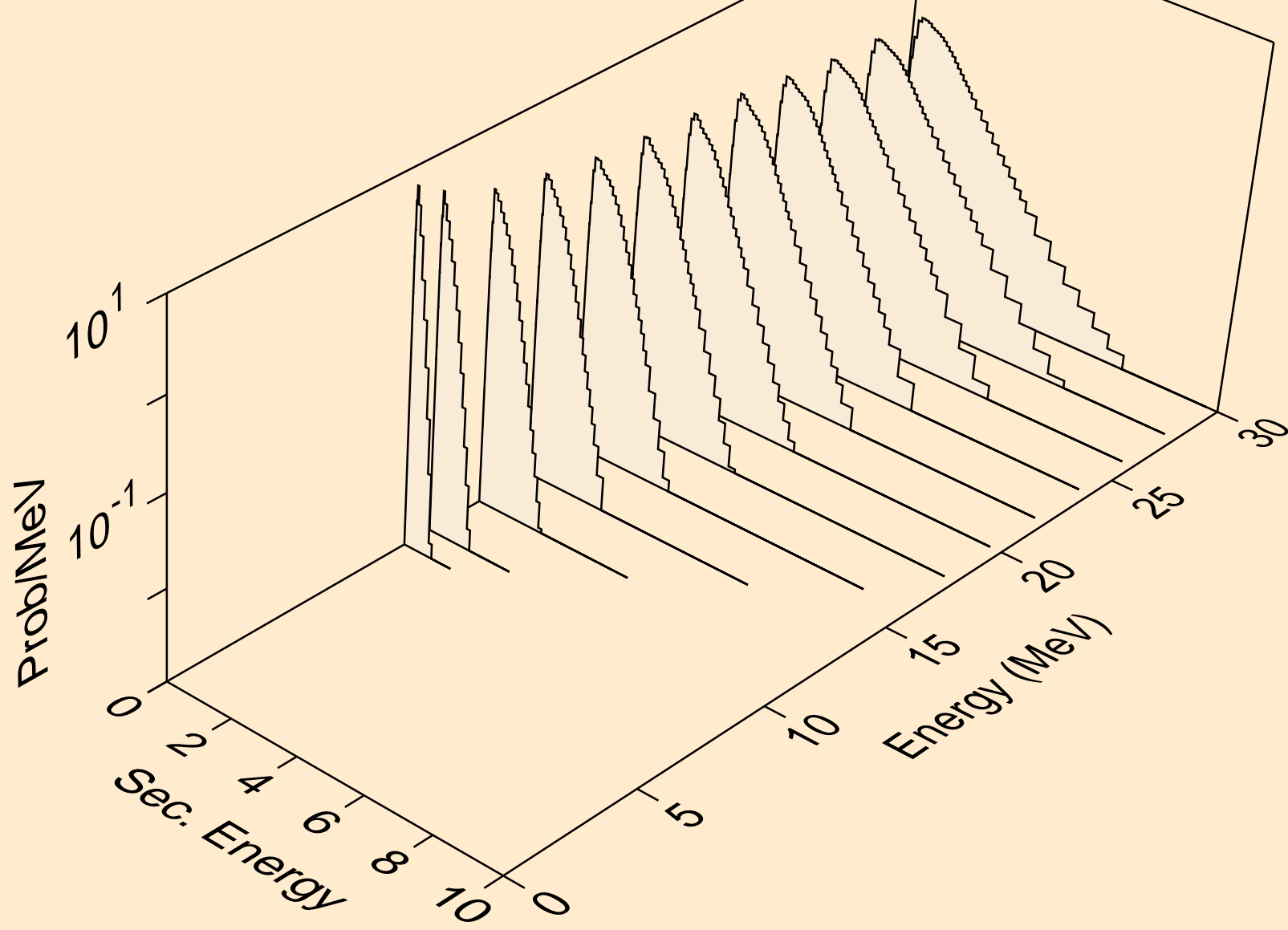
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Neutron emission for (n,3np)



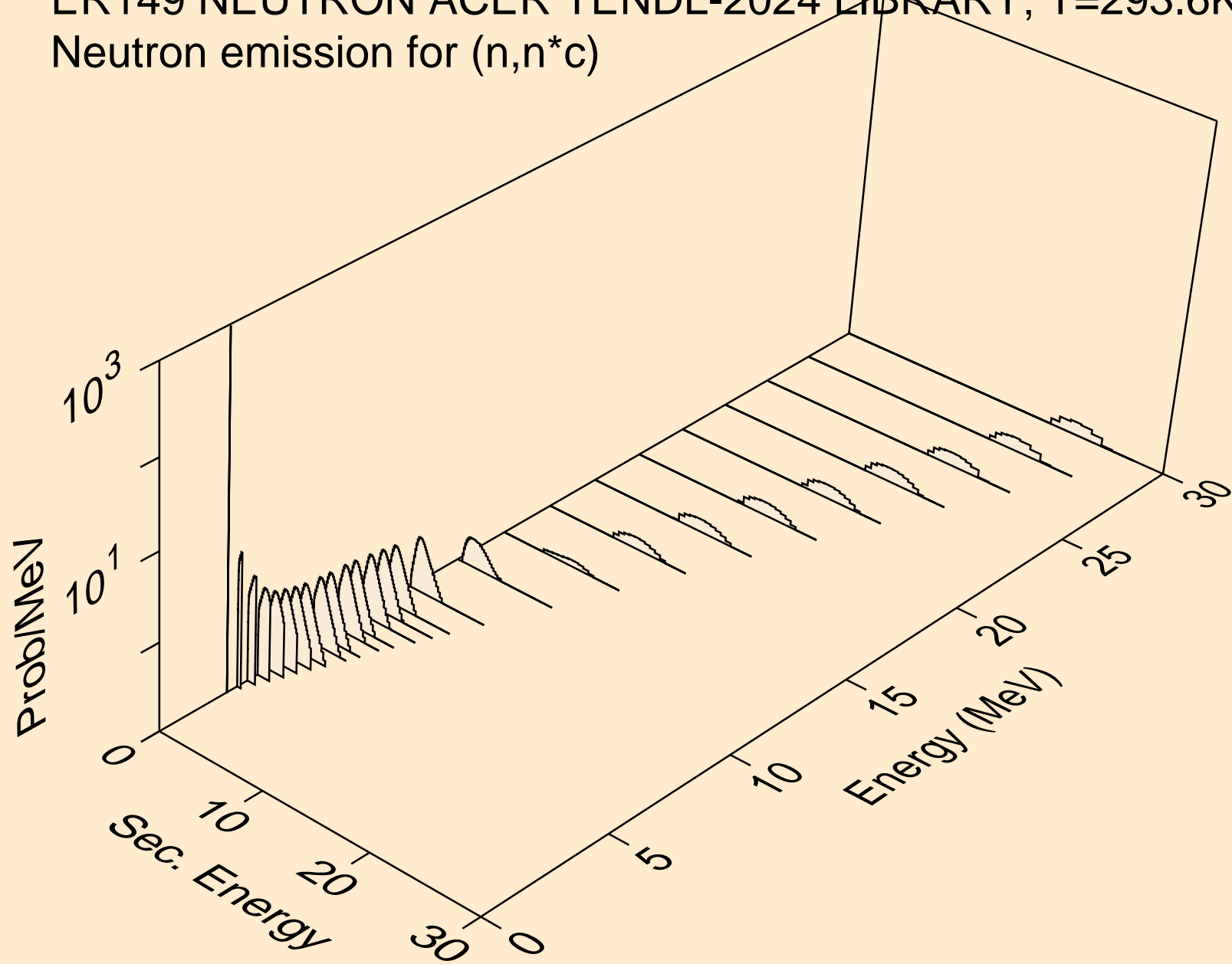
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Neutron emission for (n,n2p)



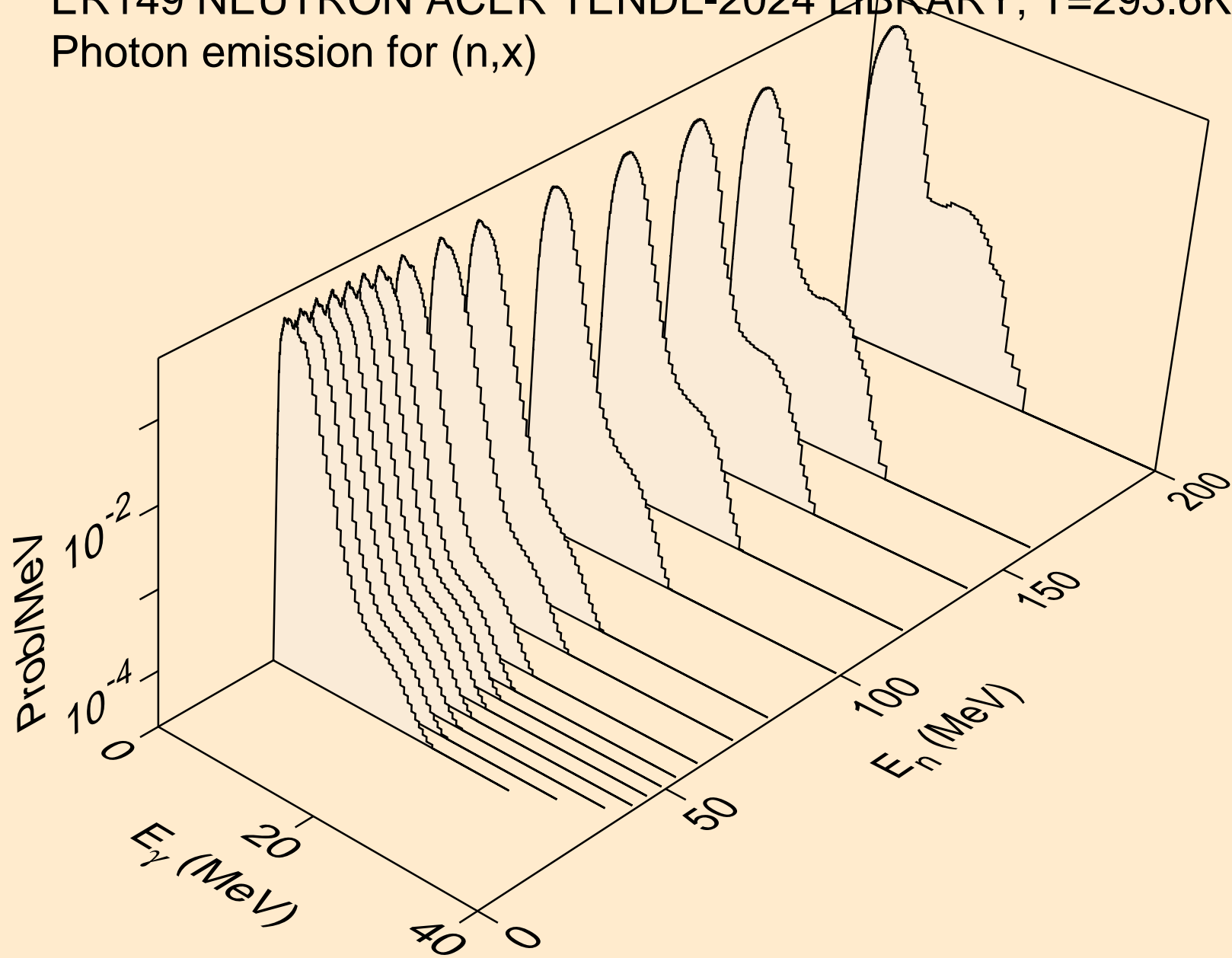
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



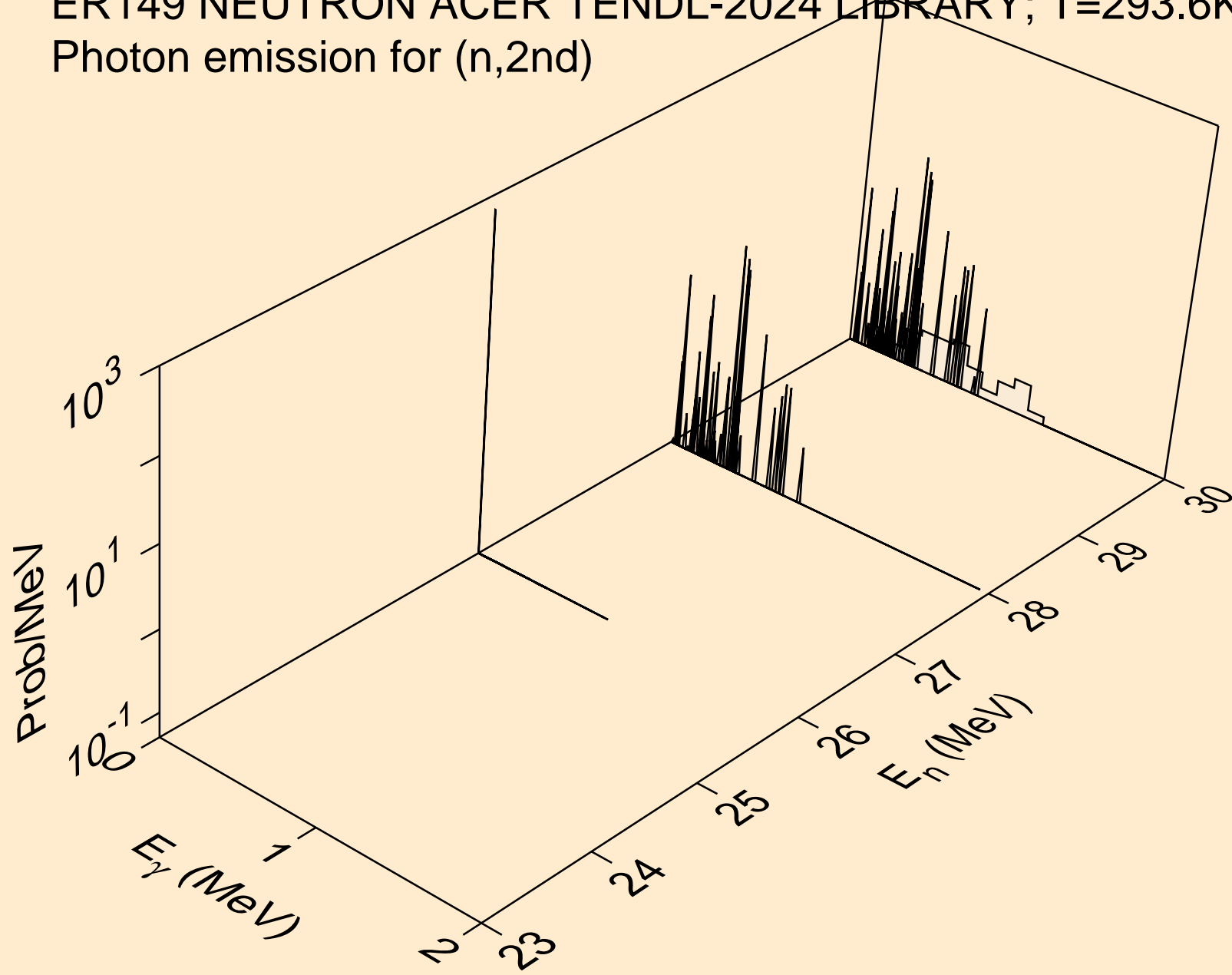
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



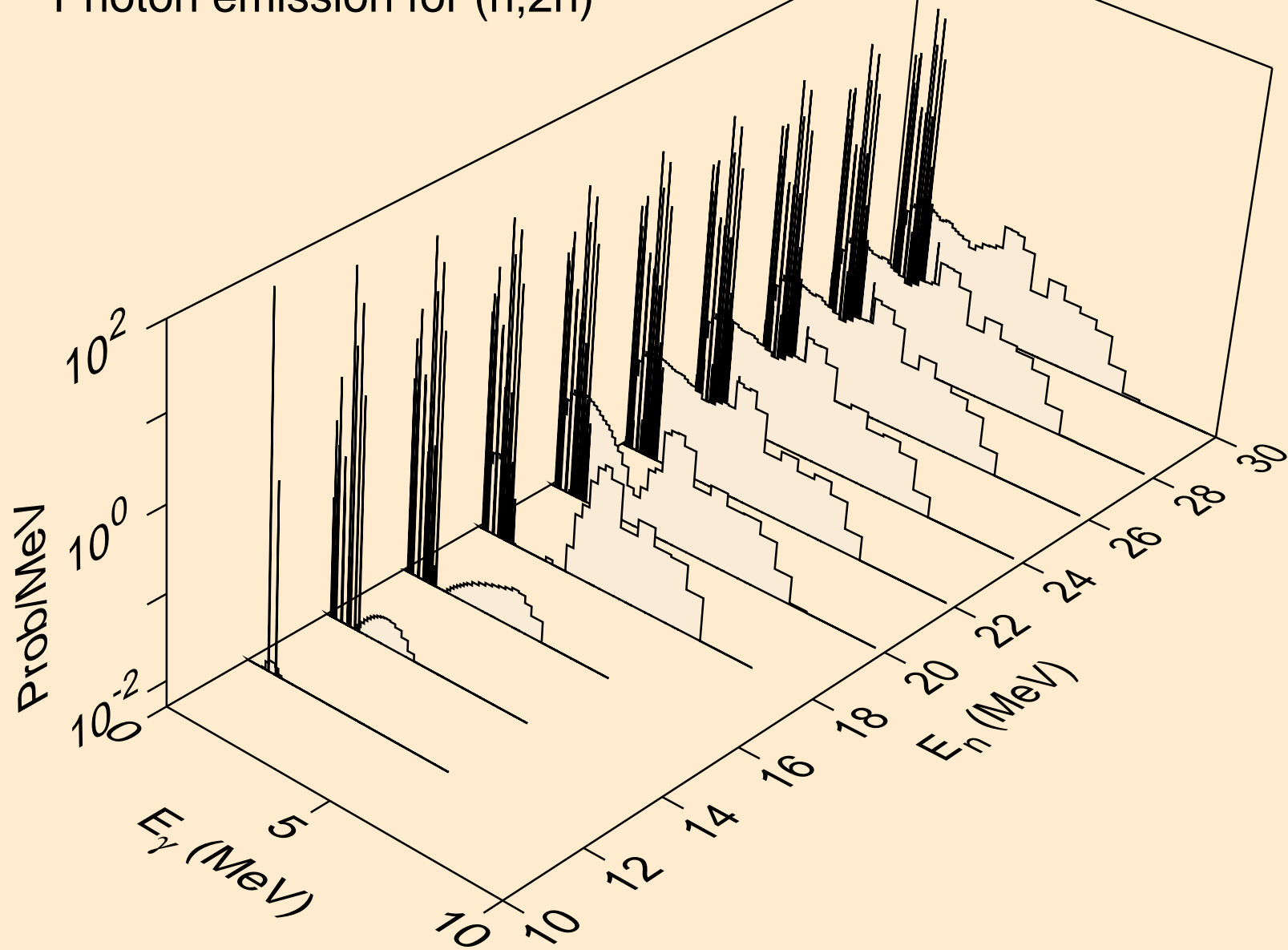
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



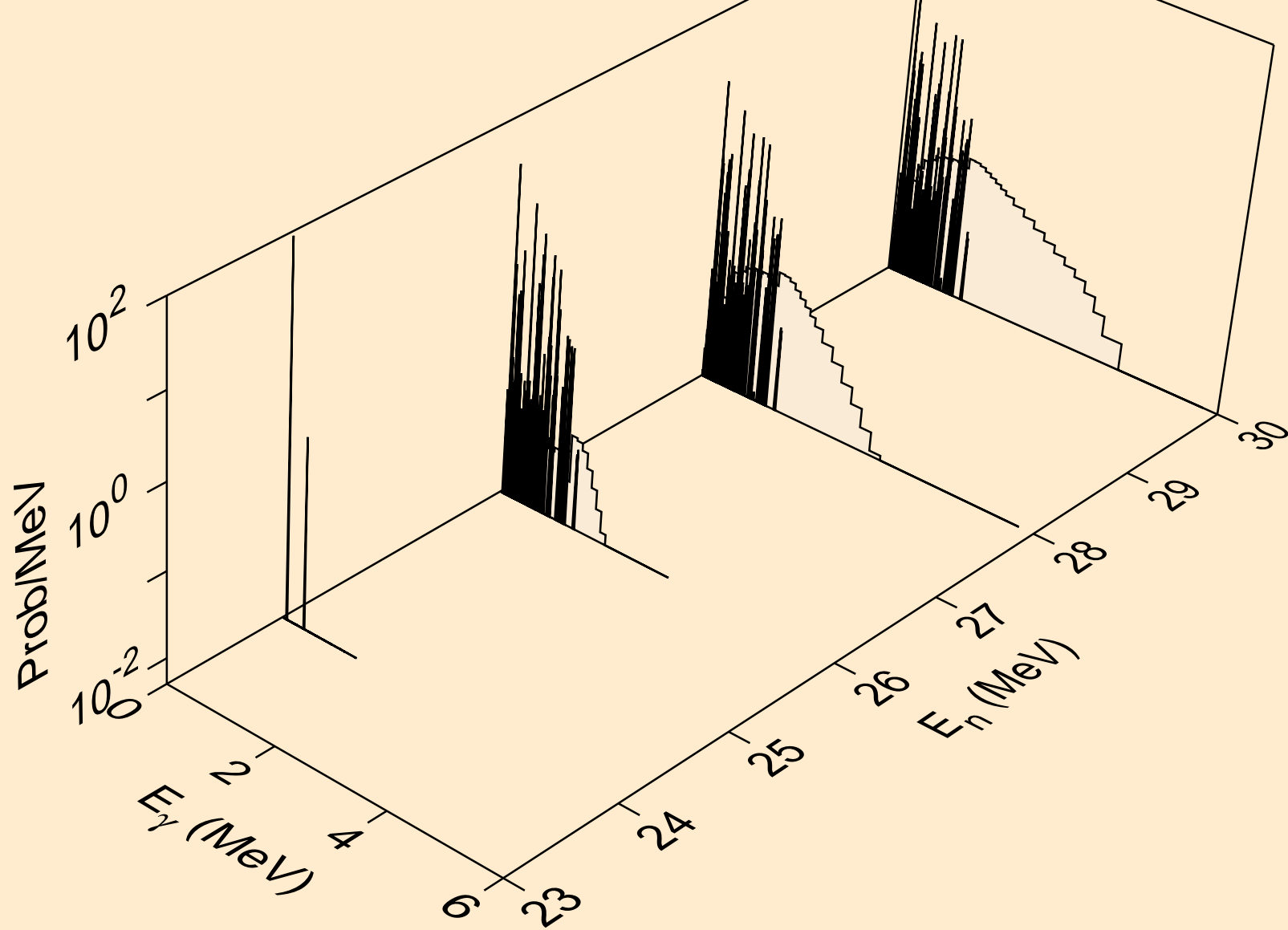
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



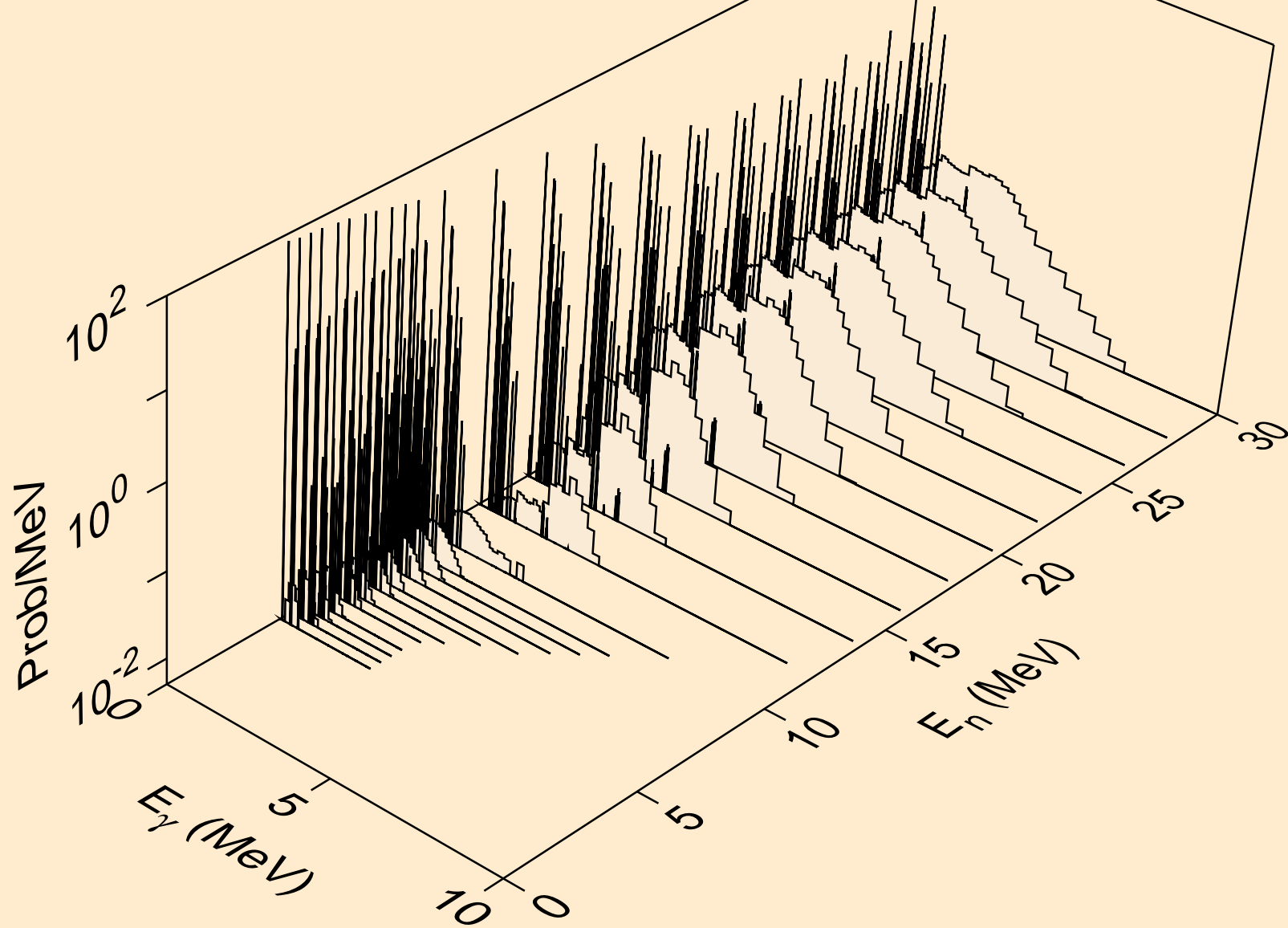
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Photon emission for (n,2n)



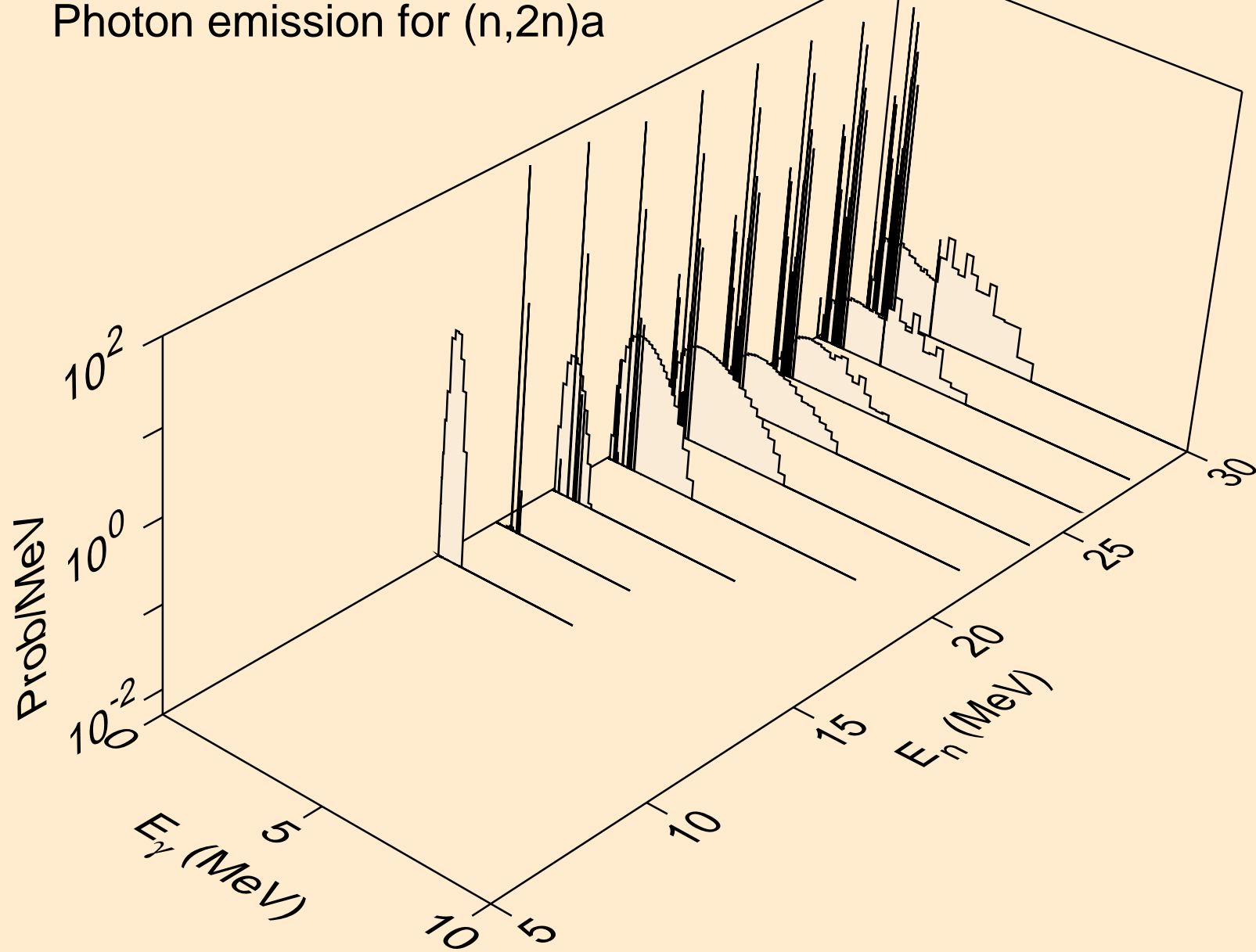
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Photon emission for (n,3n)



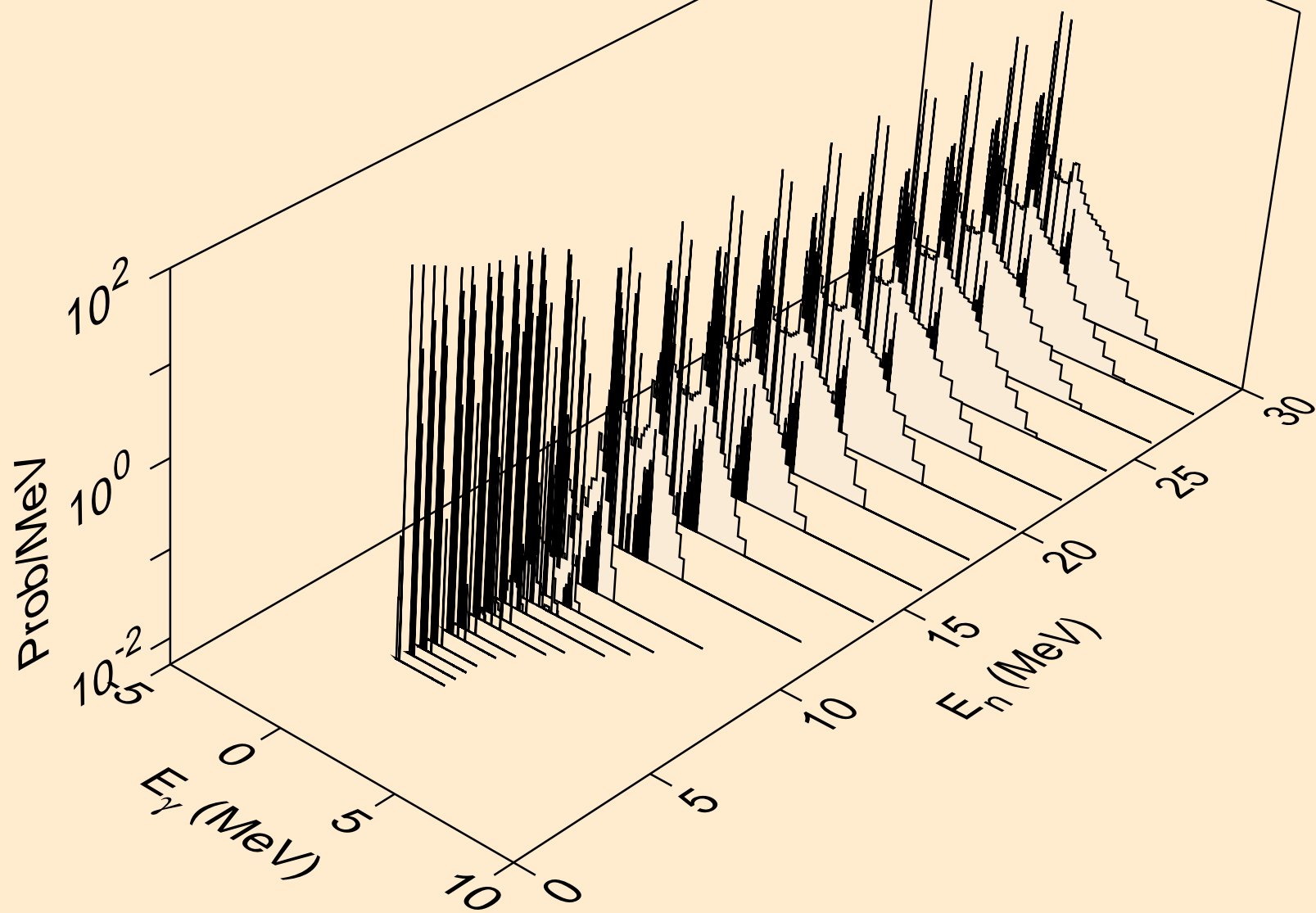
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



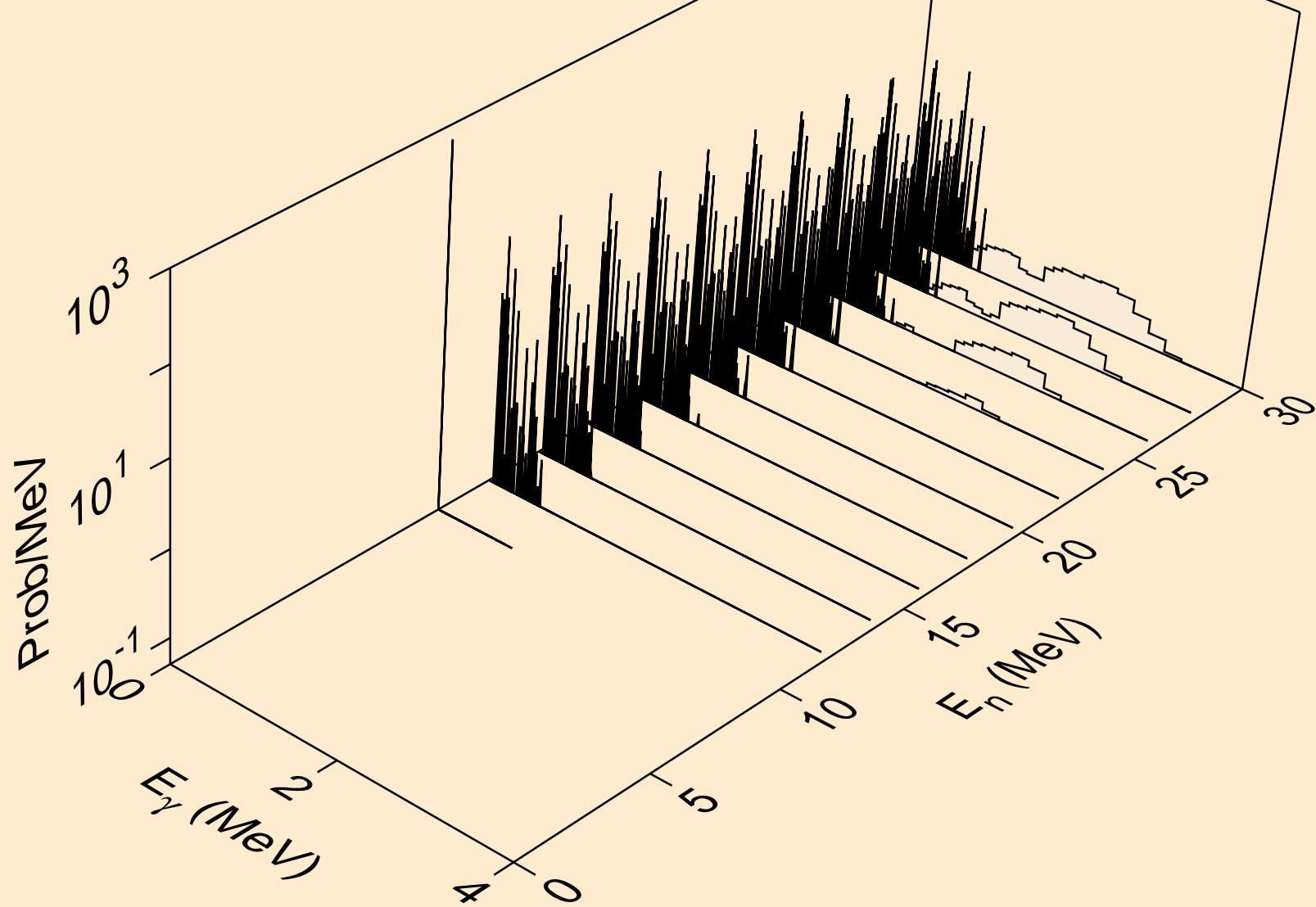
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Photon emission for (n,2n)a



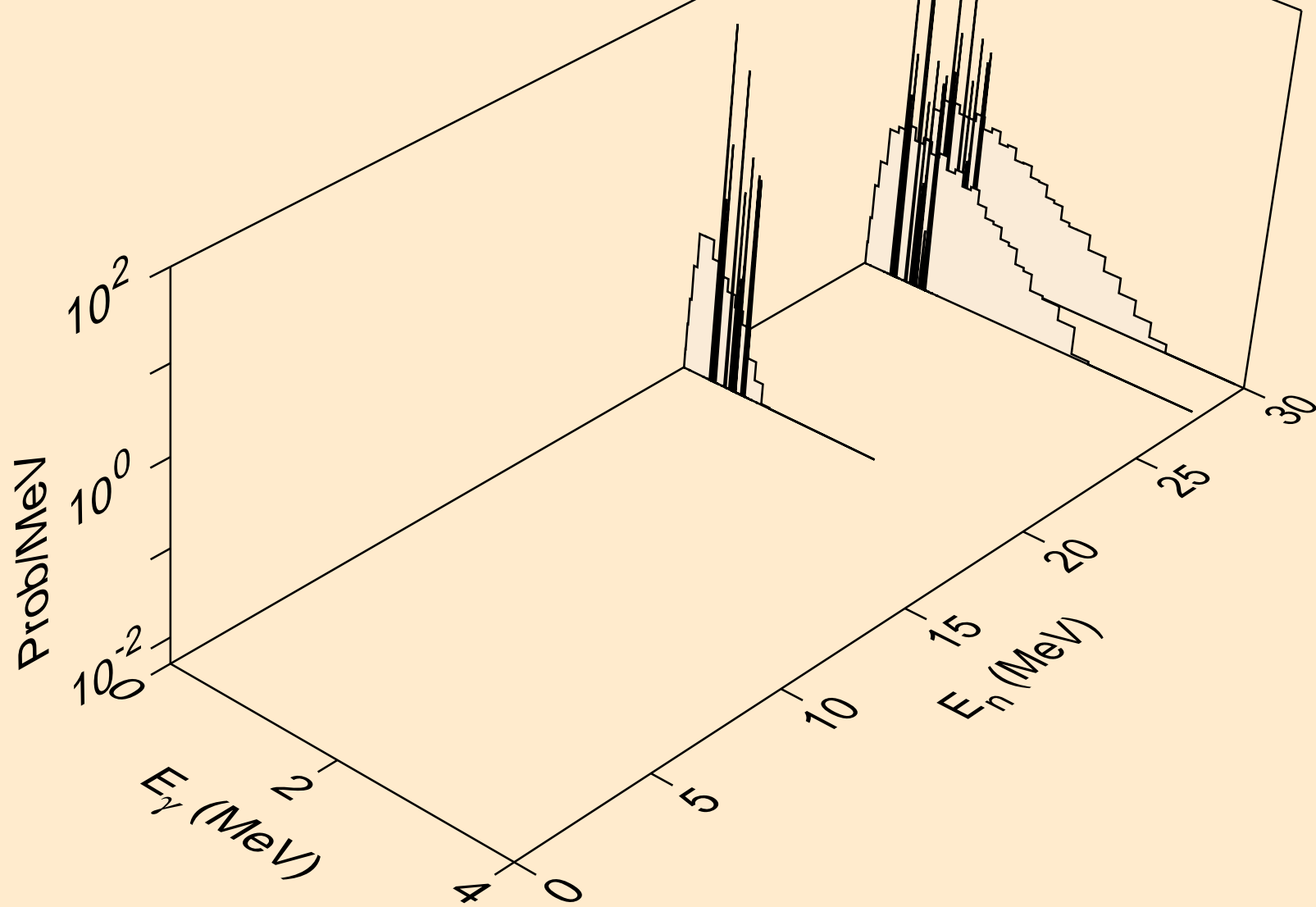
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



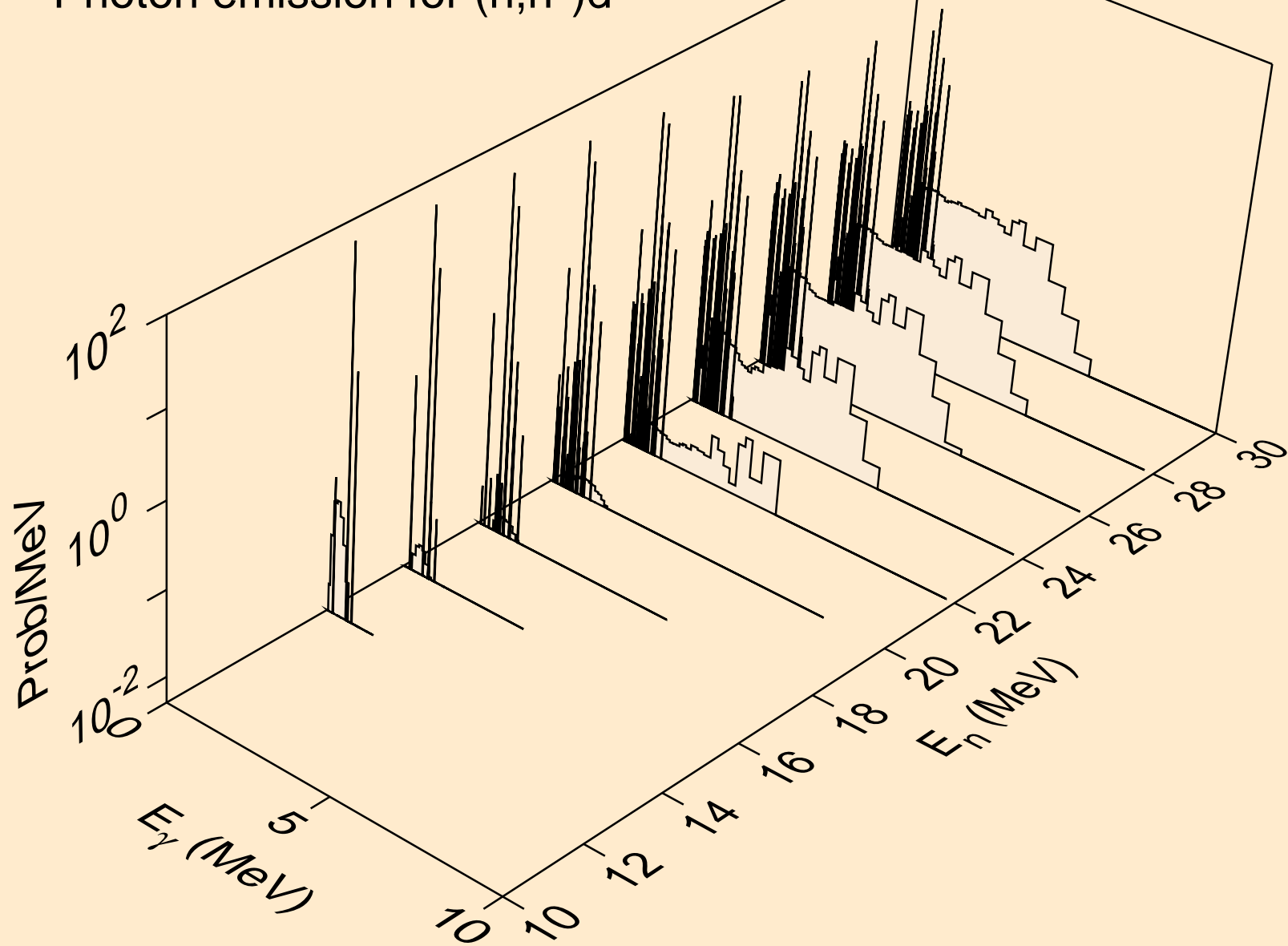
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



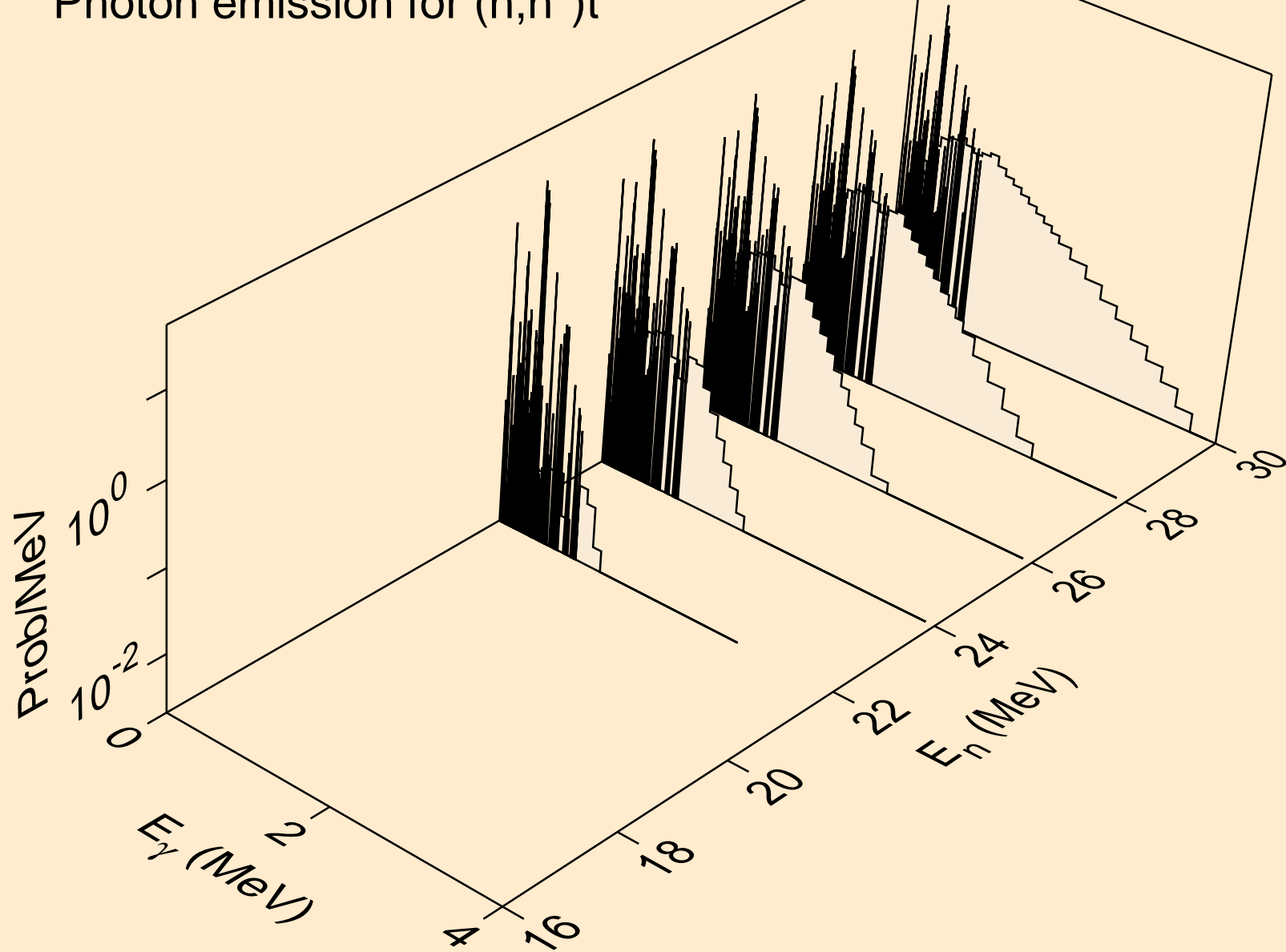
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)2a



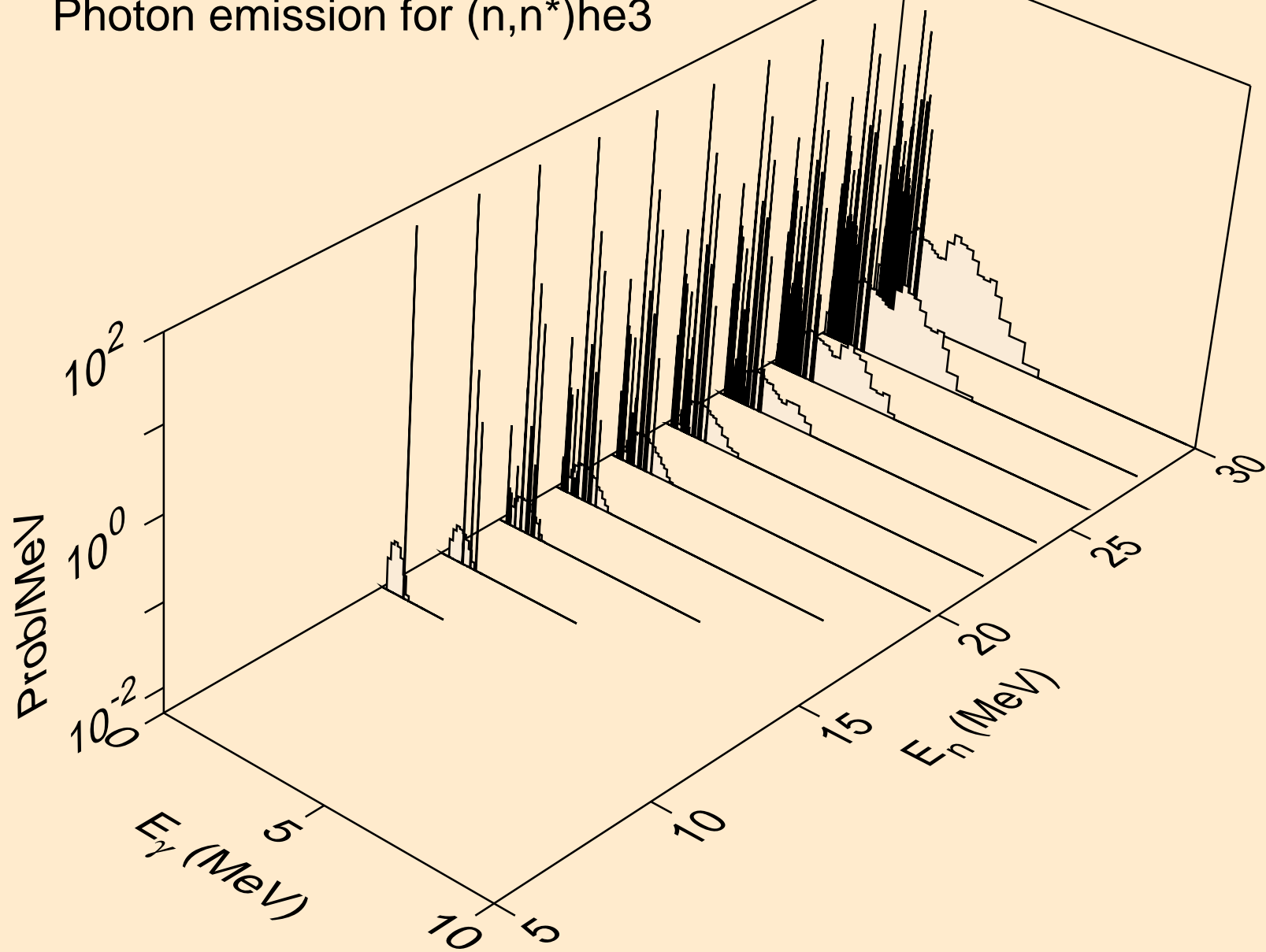
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Photon emission for (n,n*)d



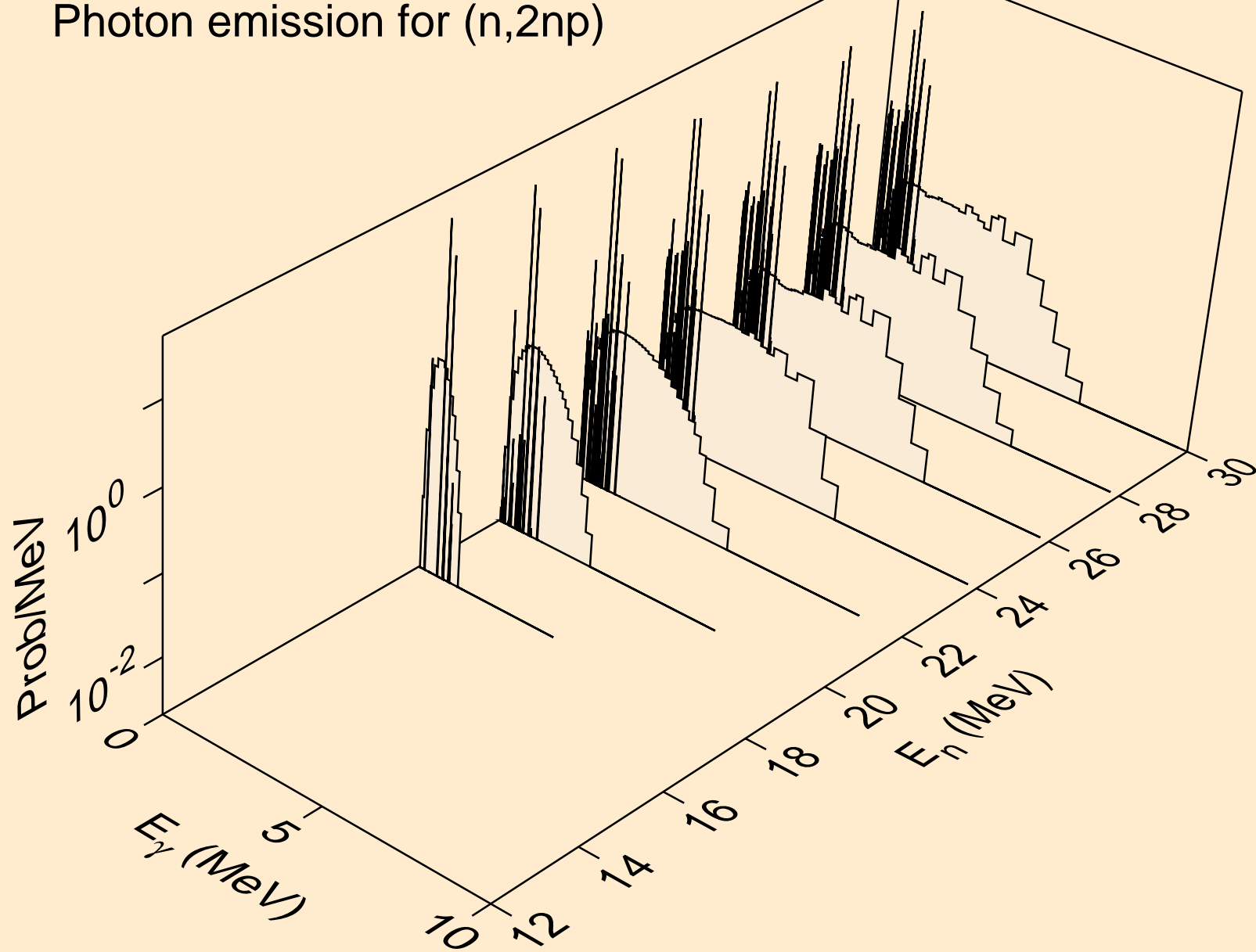
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



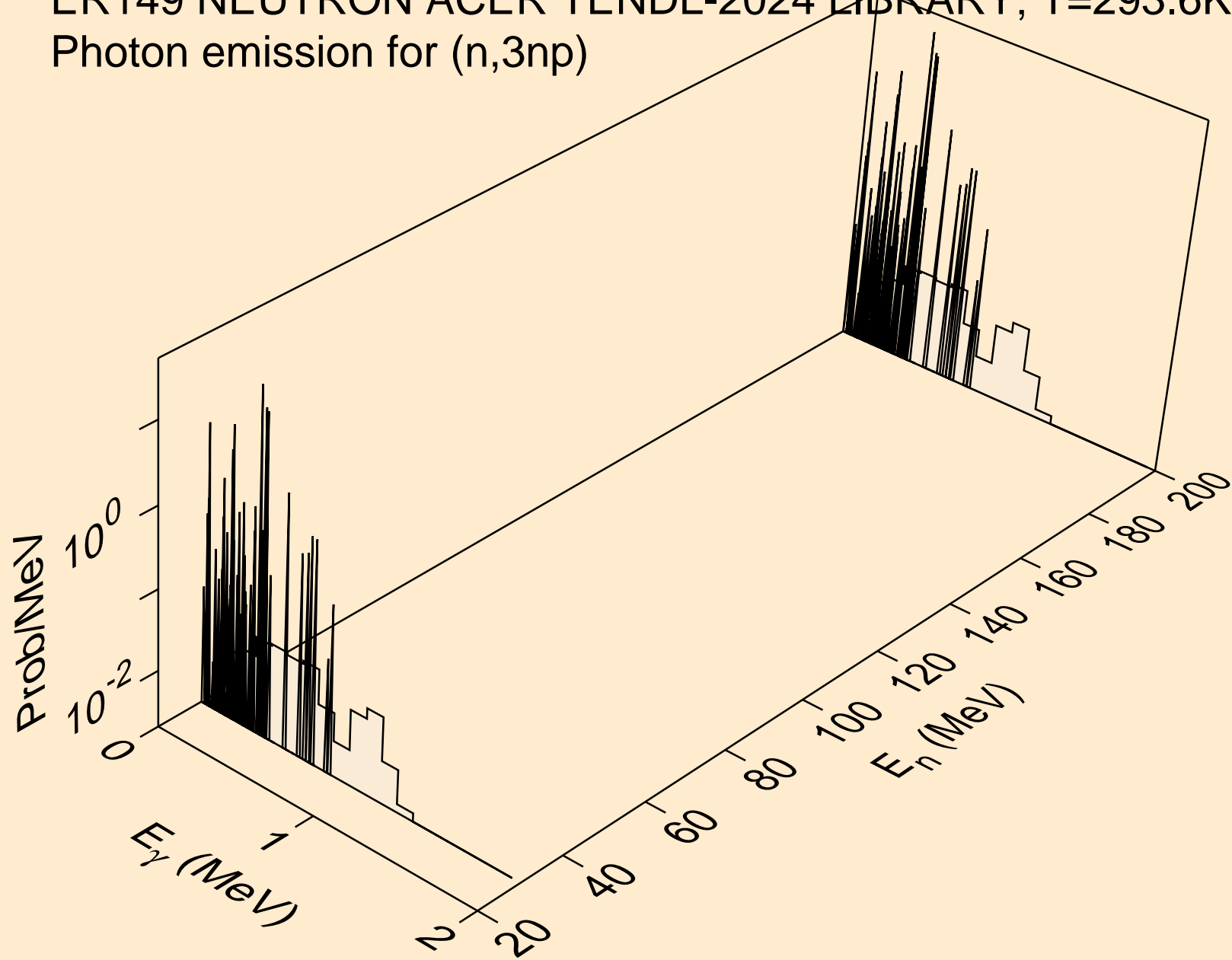
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



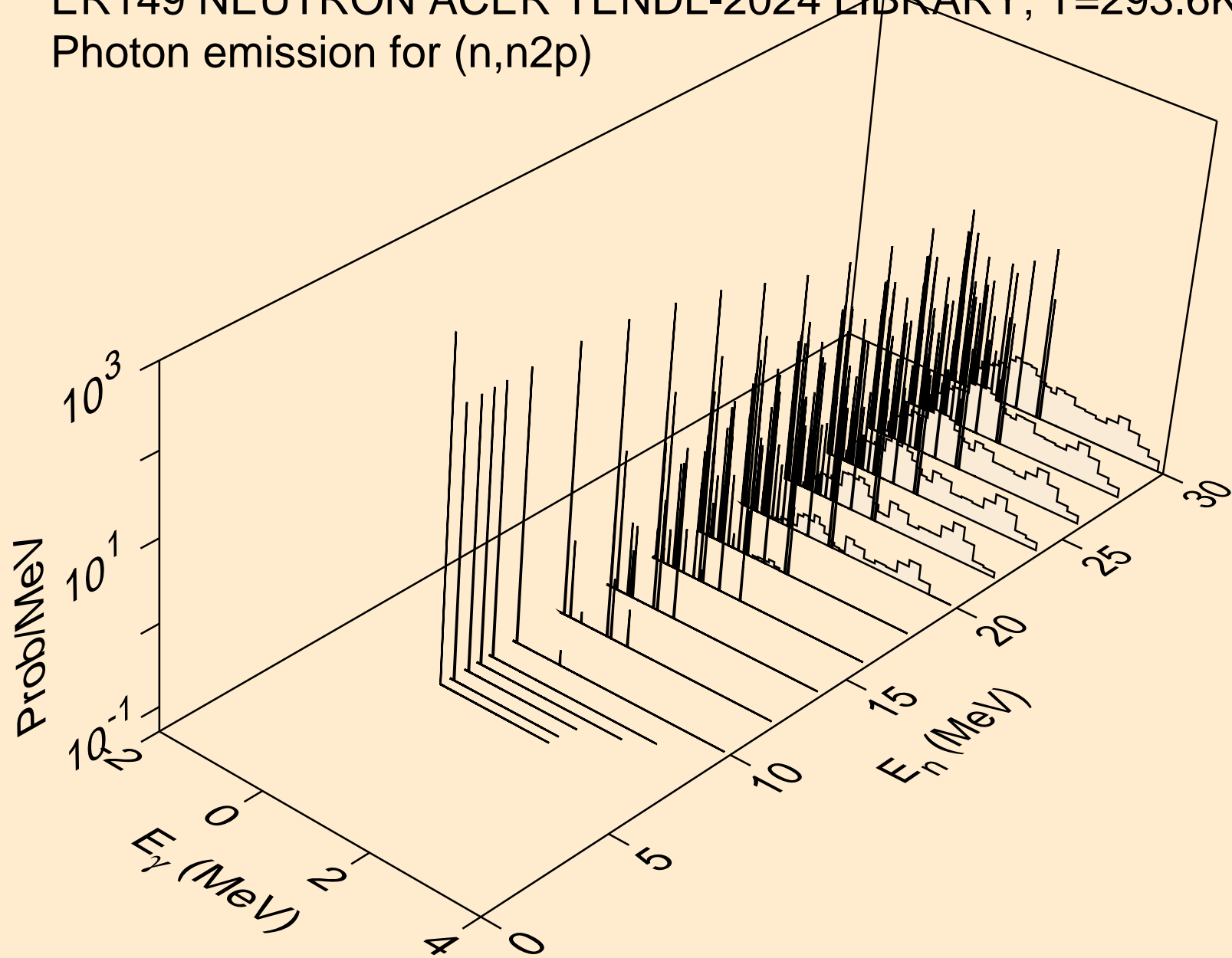
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Photon emission for (n,2np)



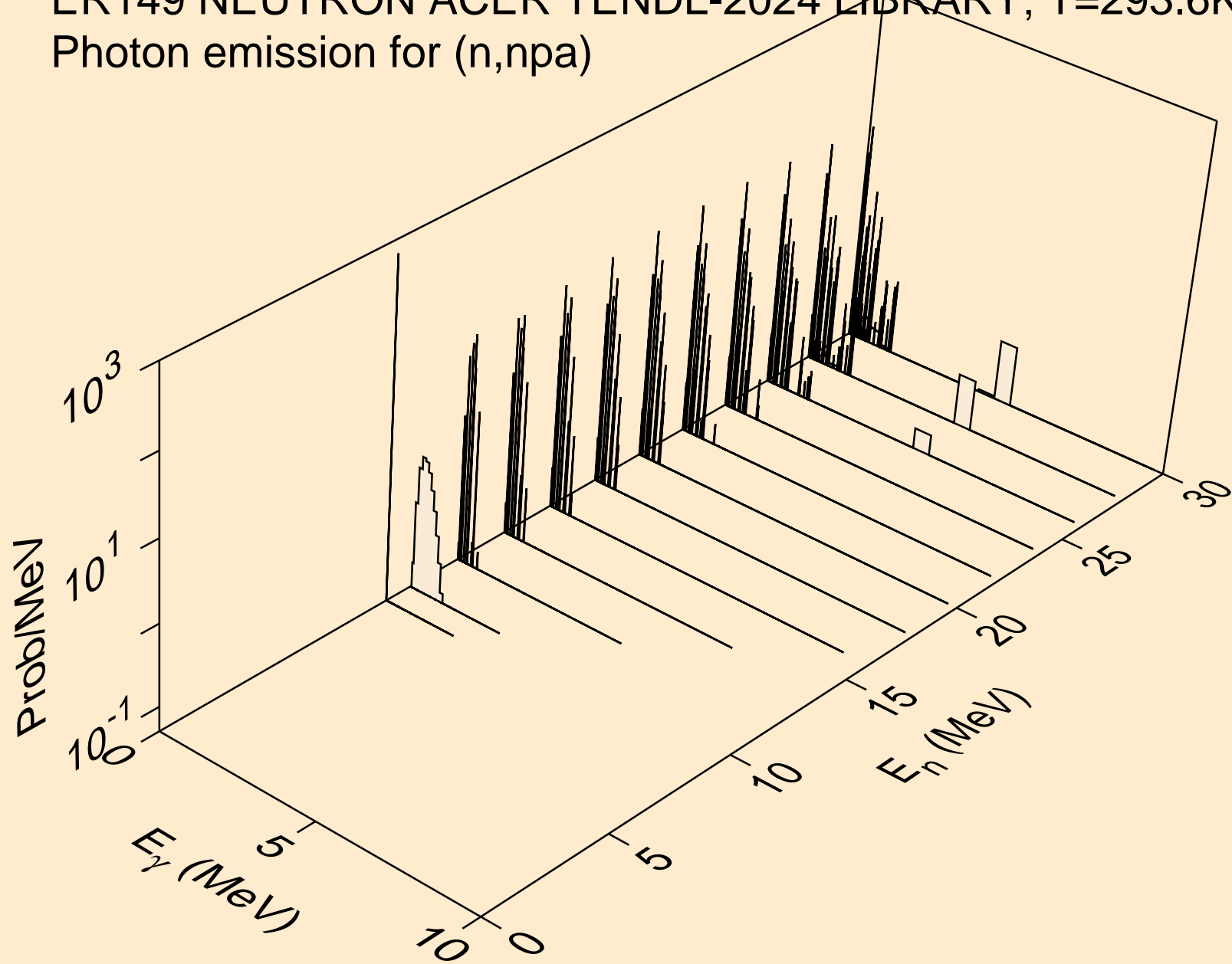
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Photon emission for (n,3np)



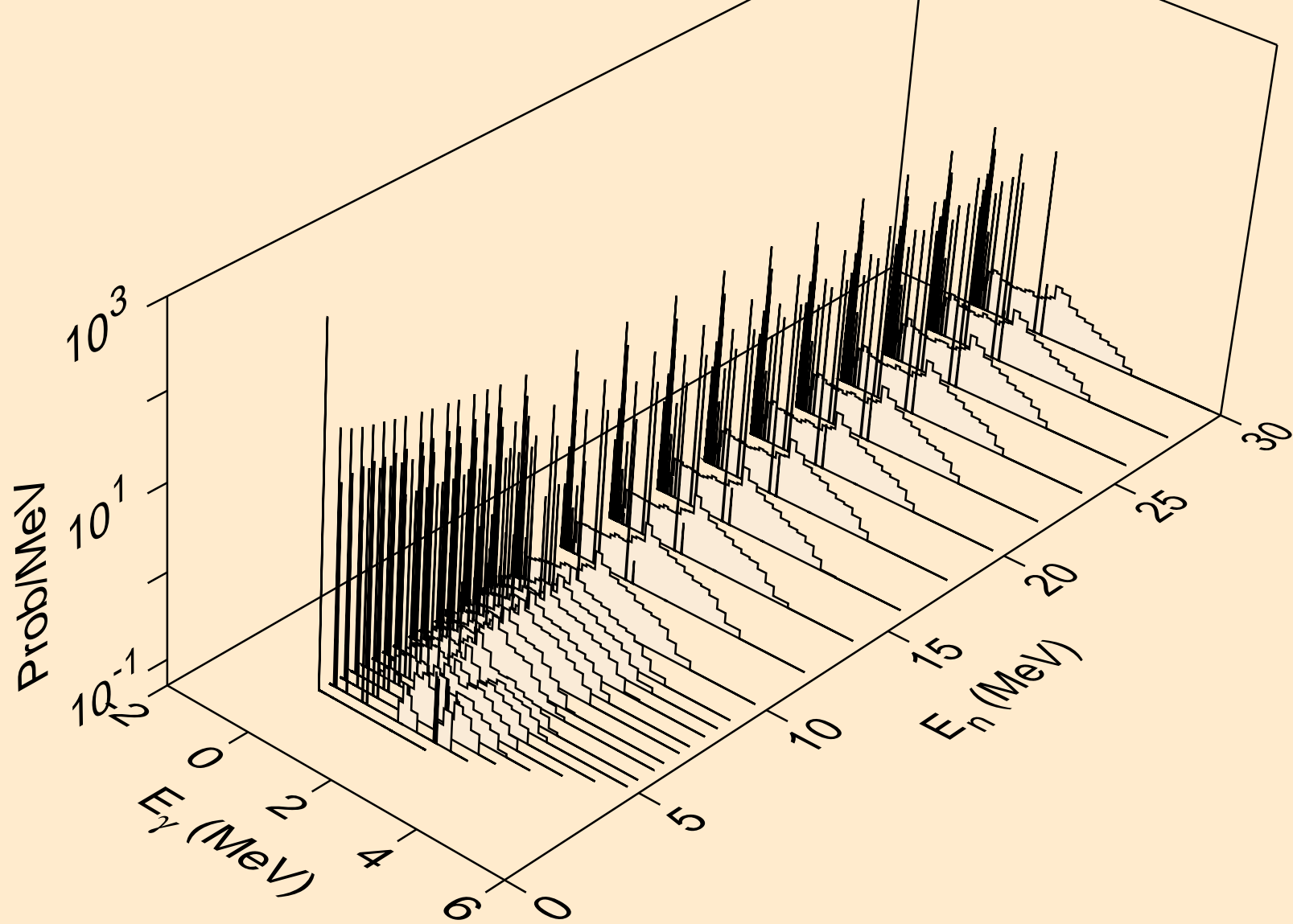
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Photon emission for (n,n2p)



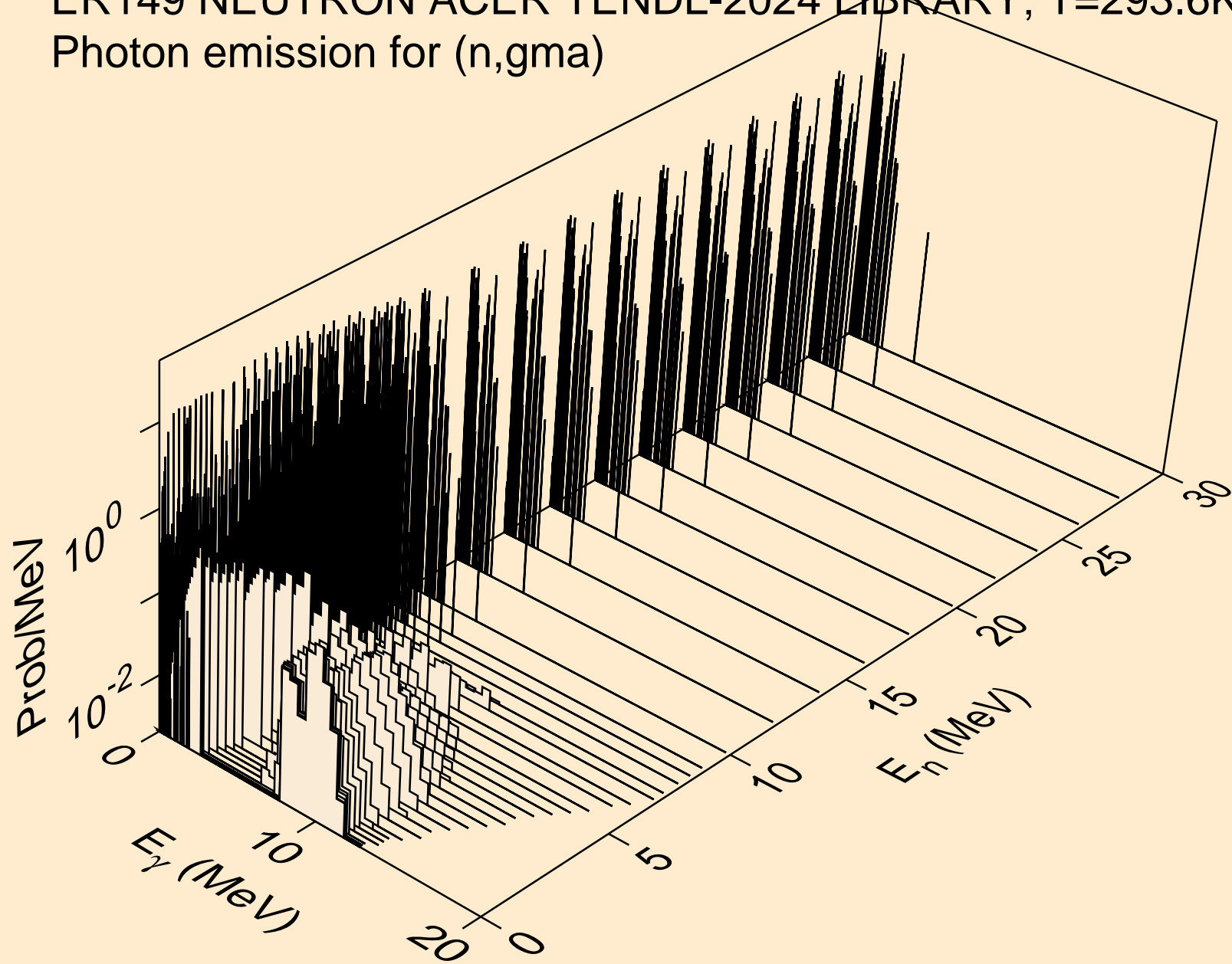
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Photon emission for (n,npa)



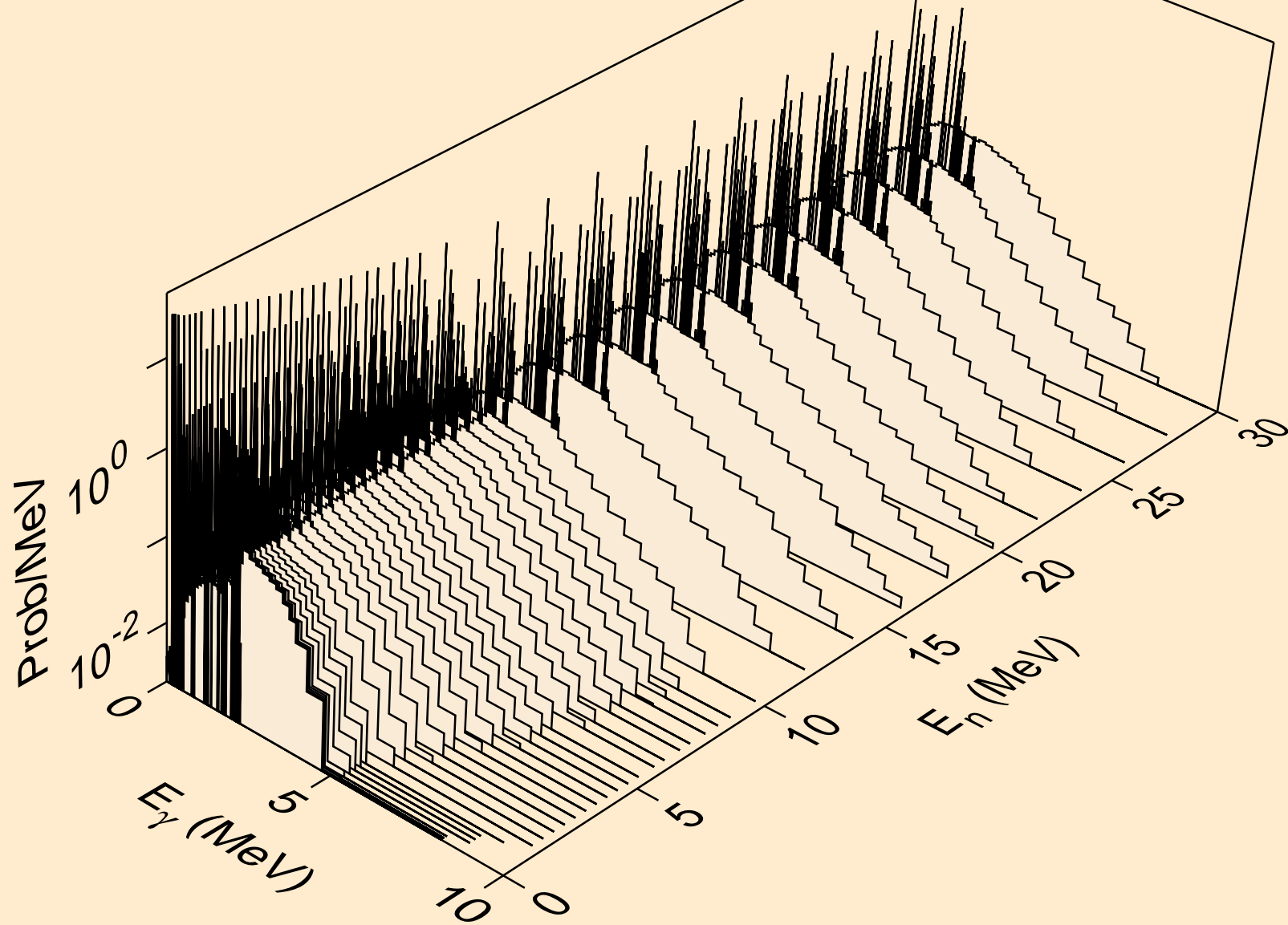
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



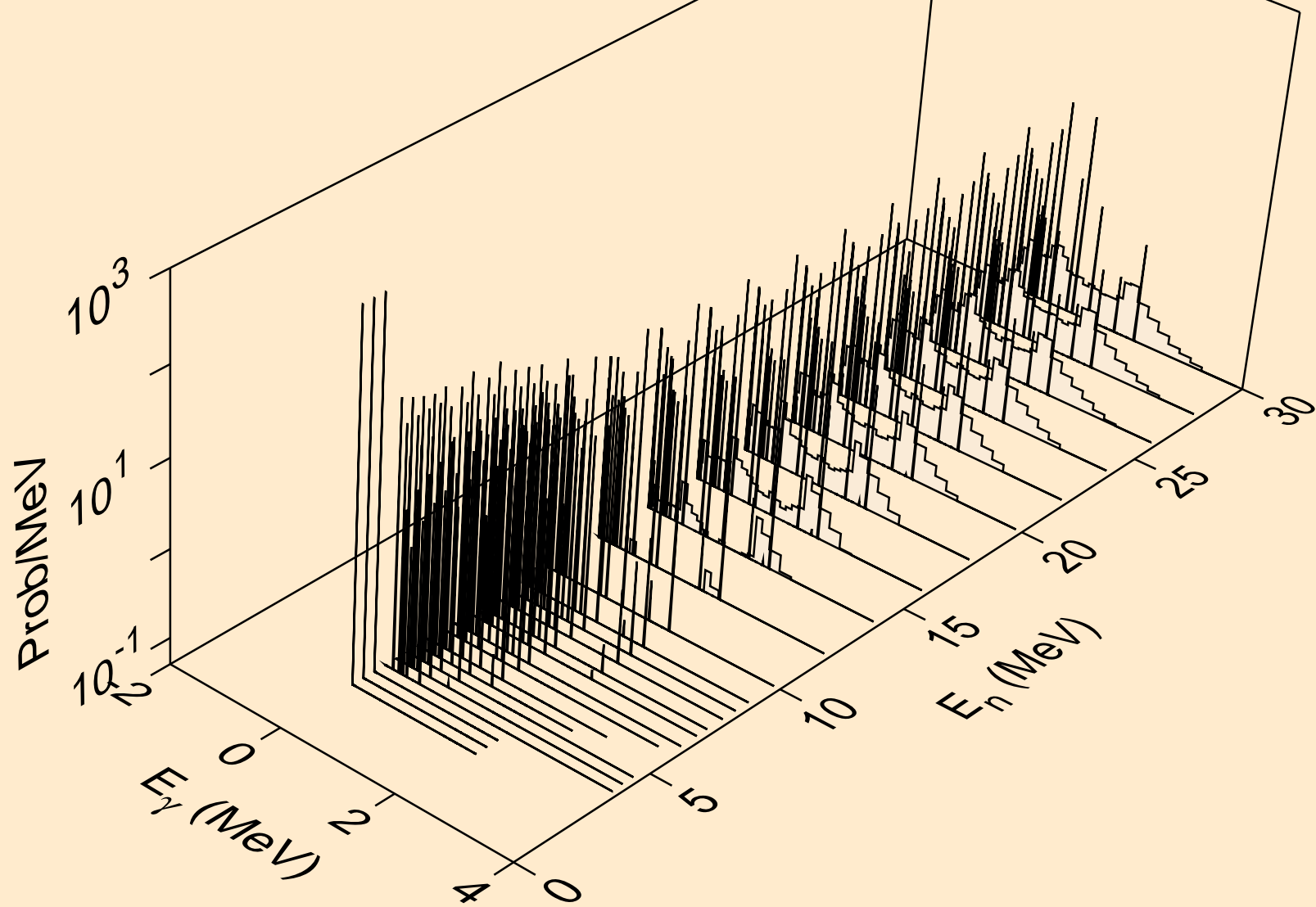
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



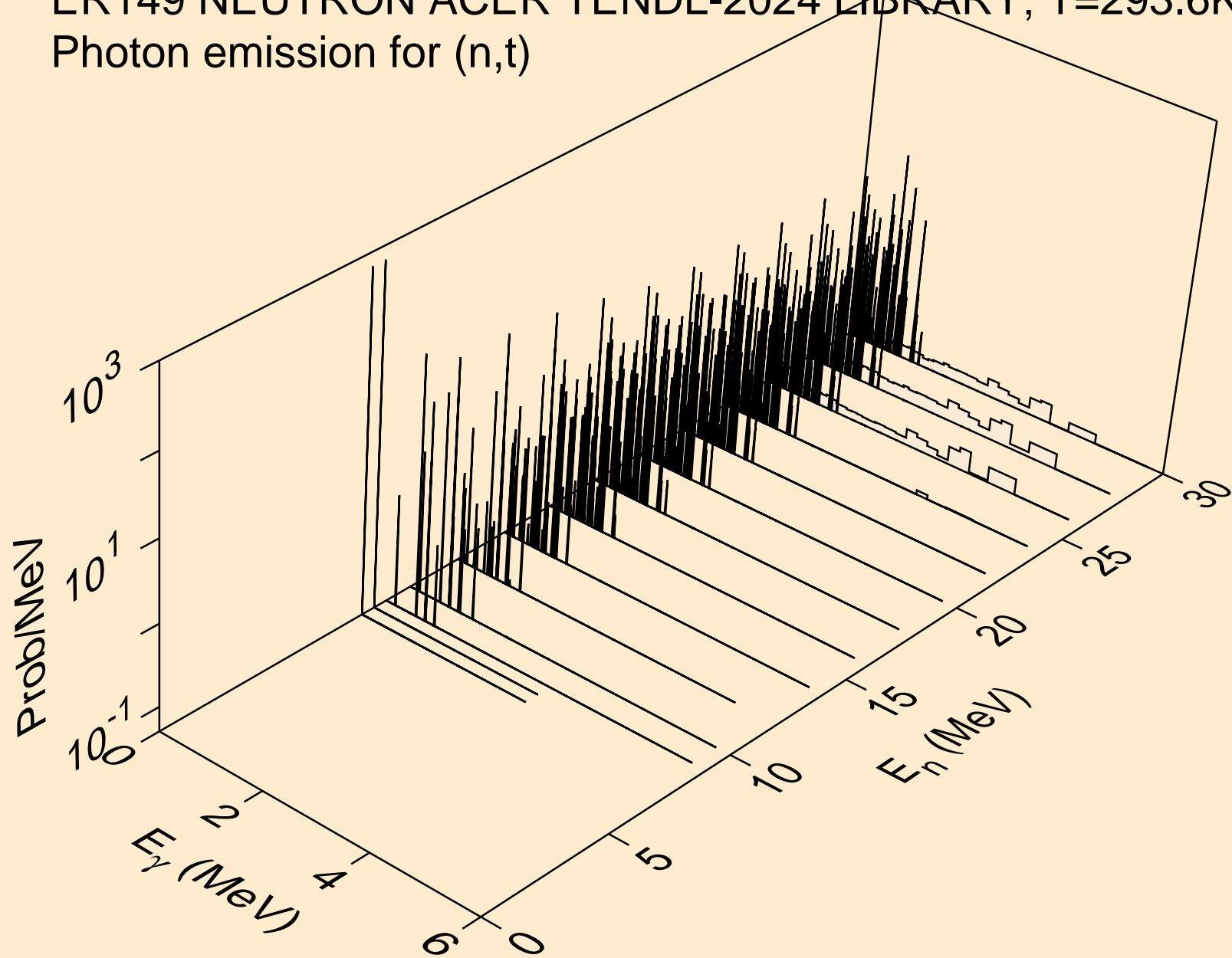
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



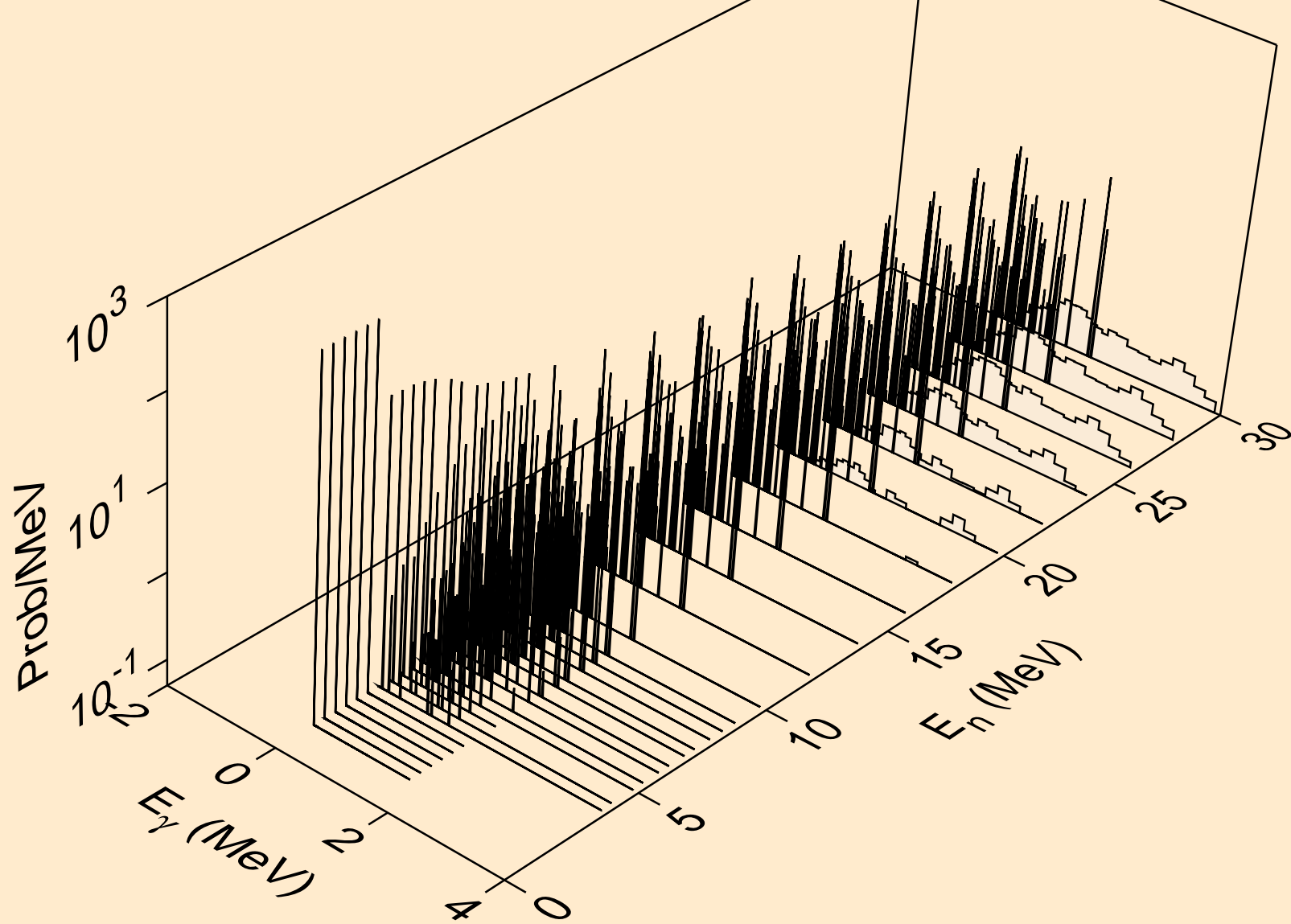
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



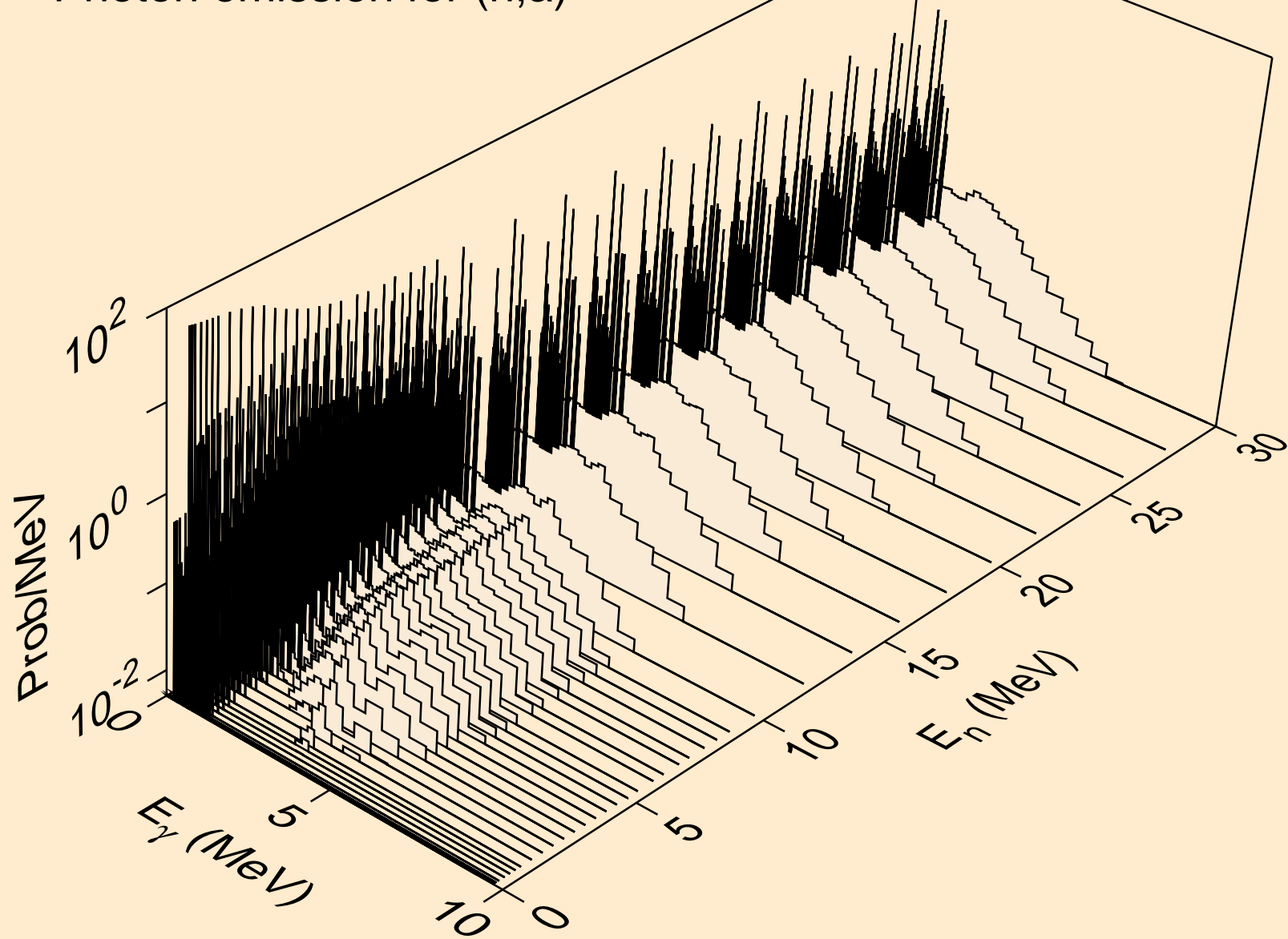
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



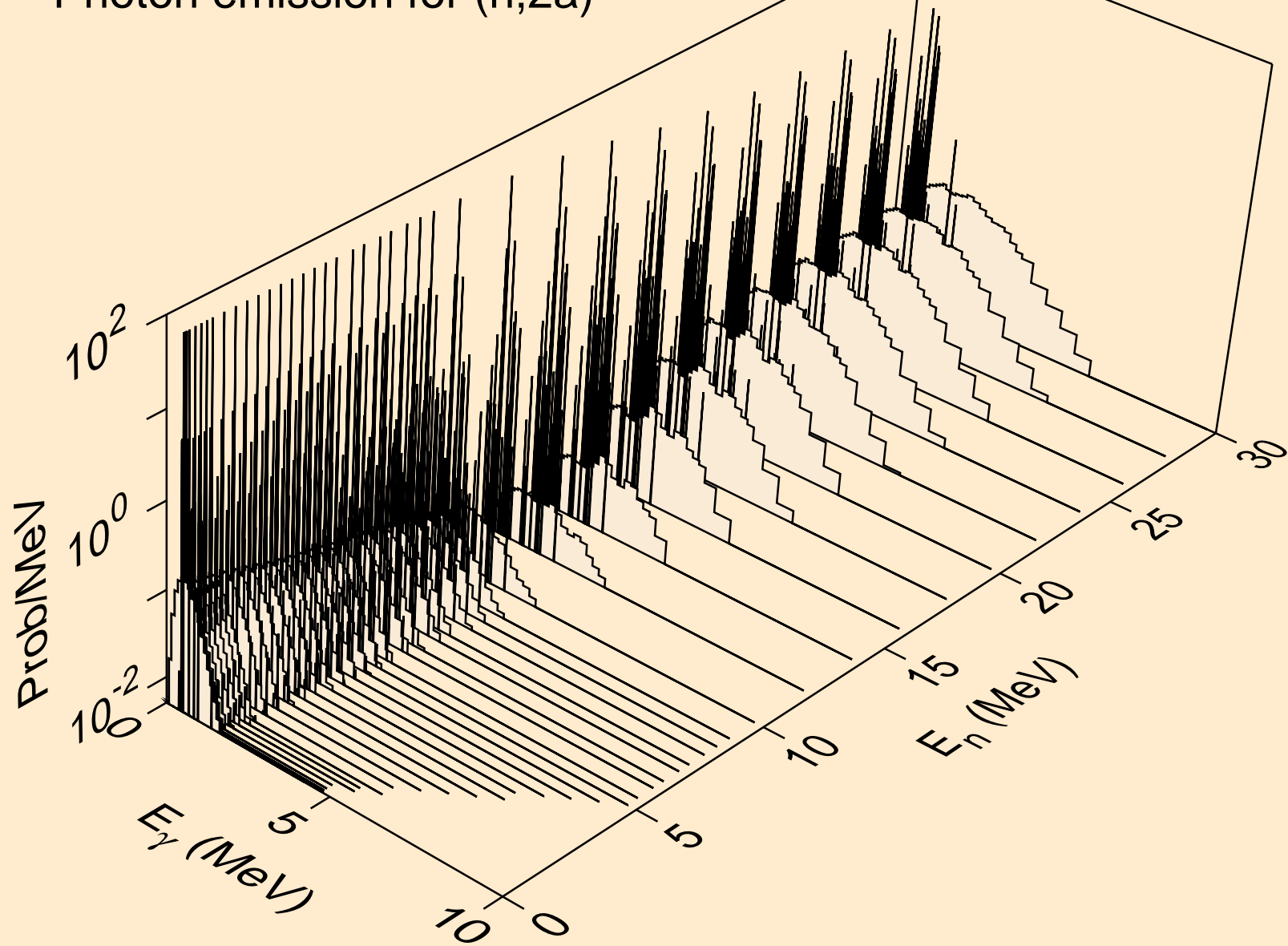
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



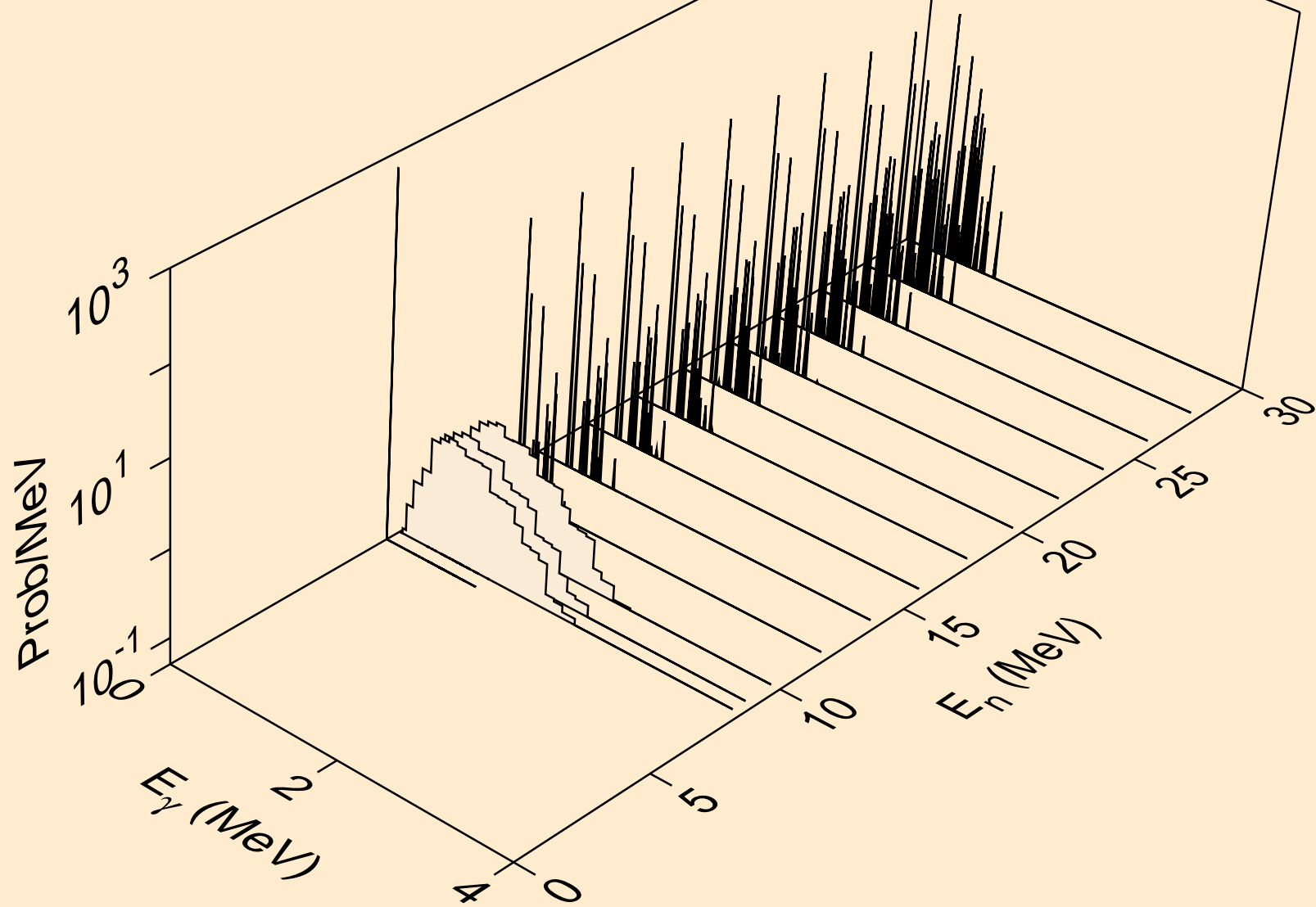
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



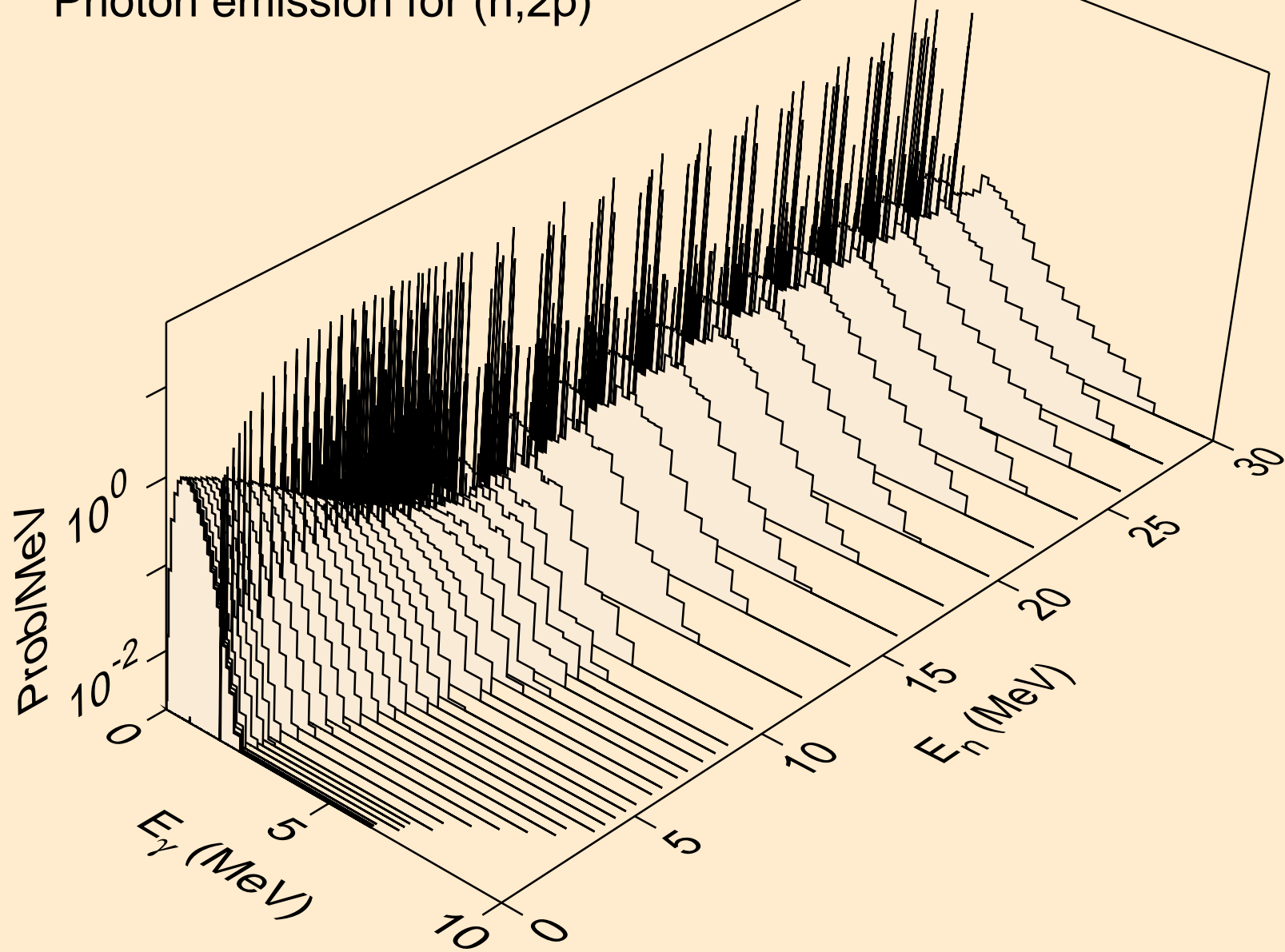
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



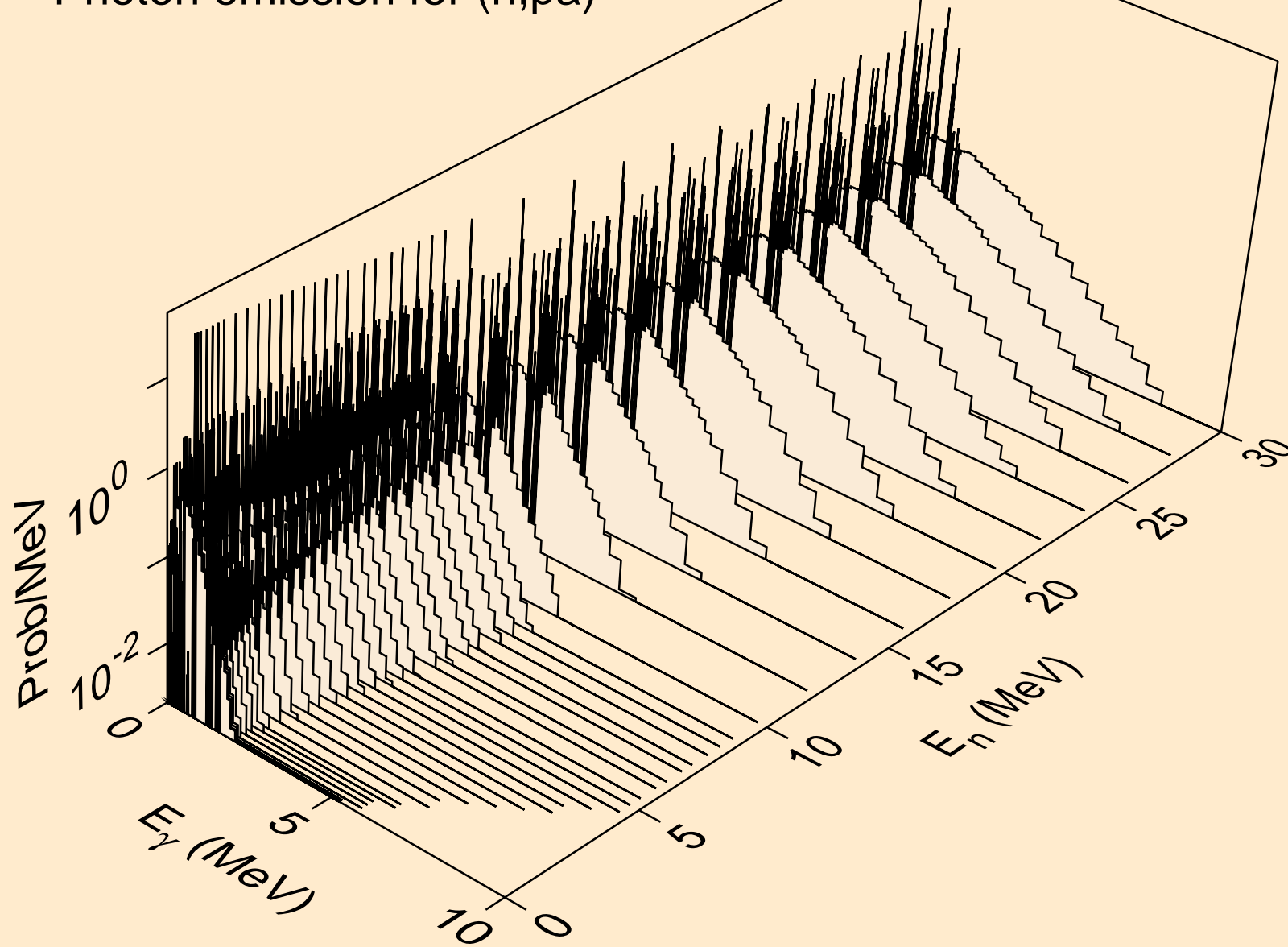
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



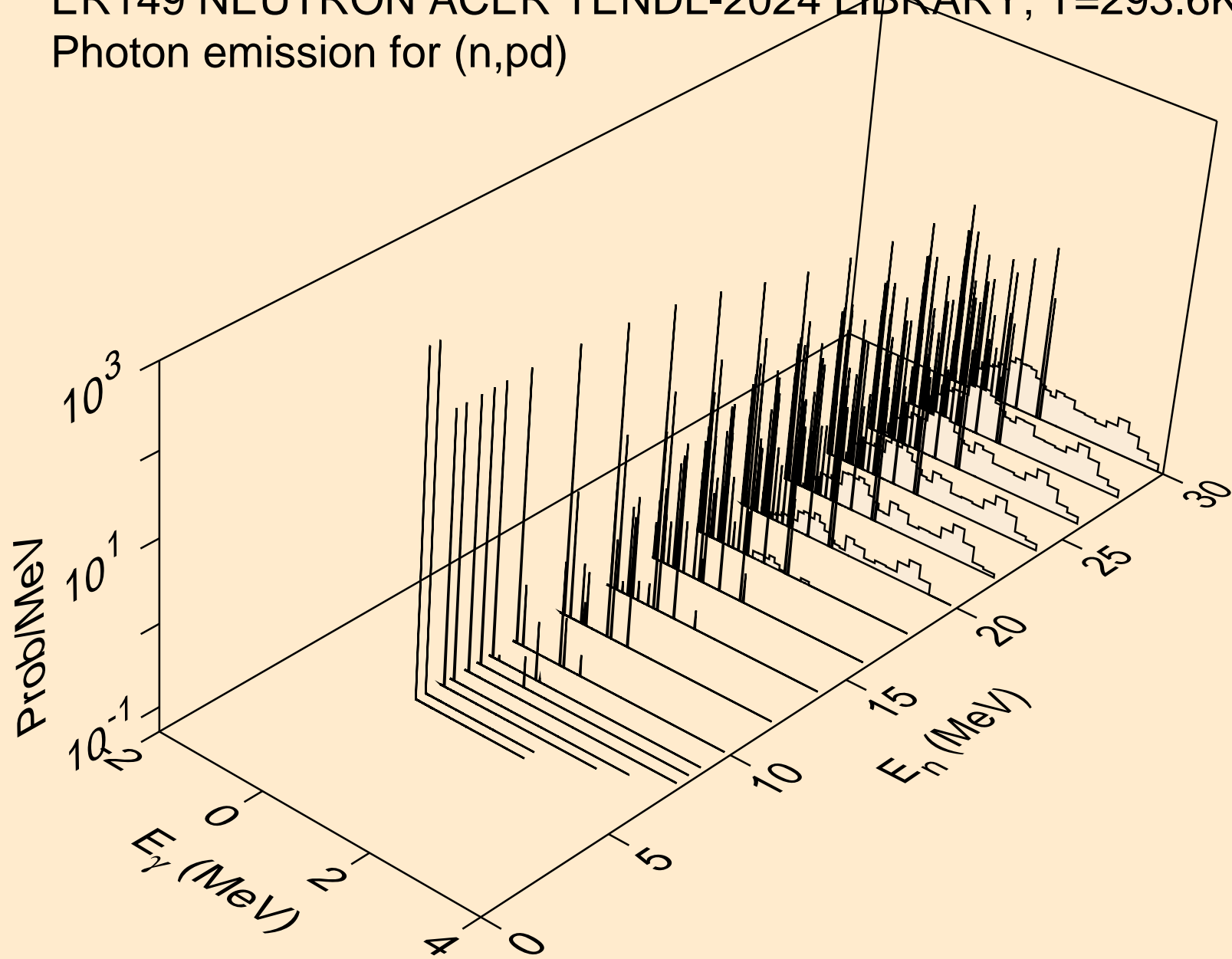
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



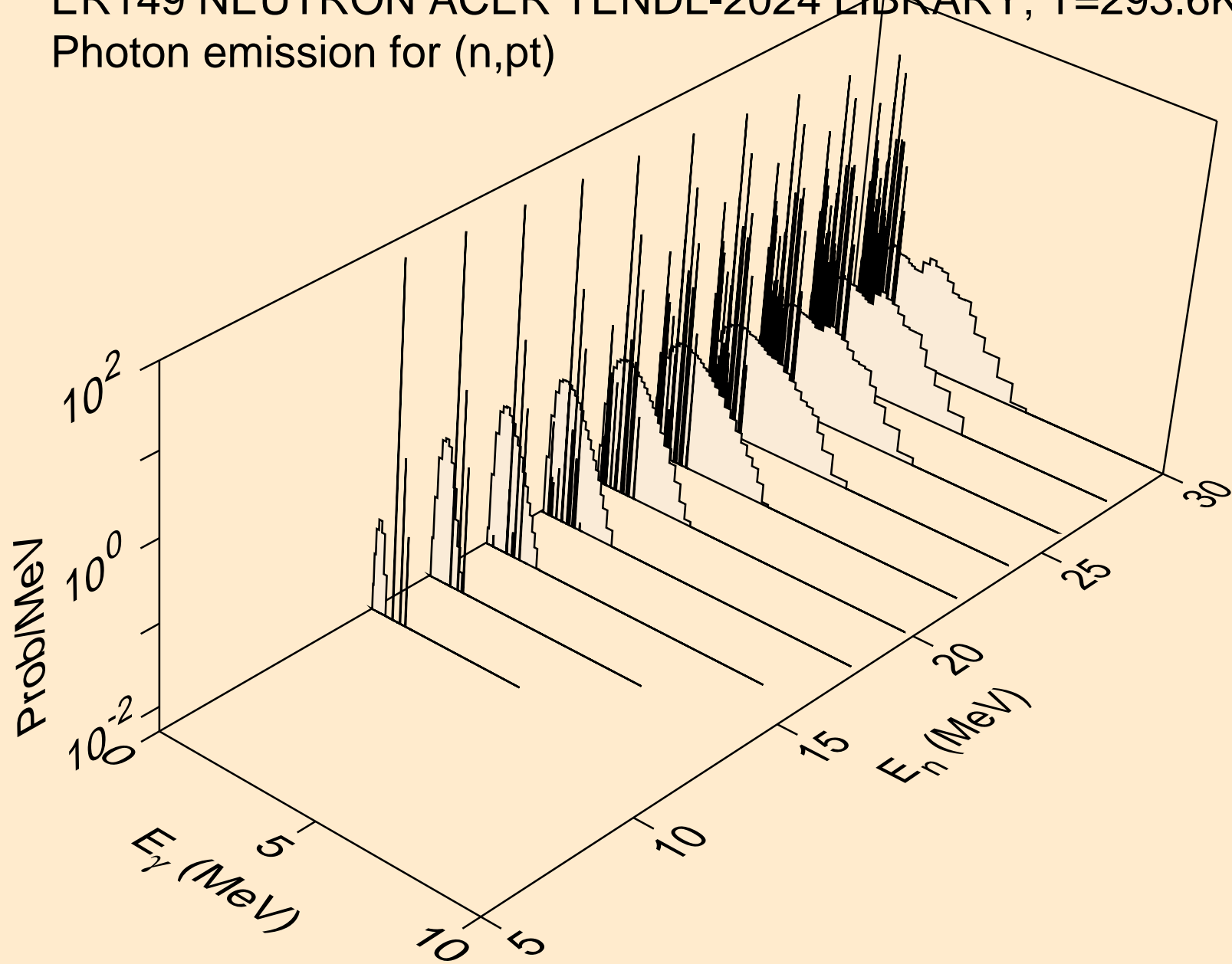
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



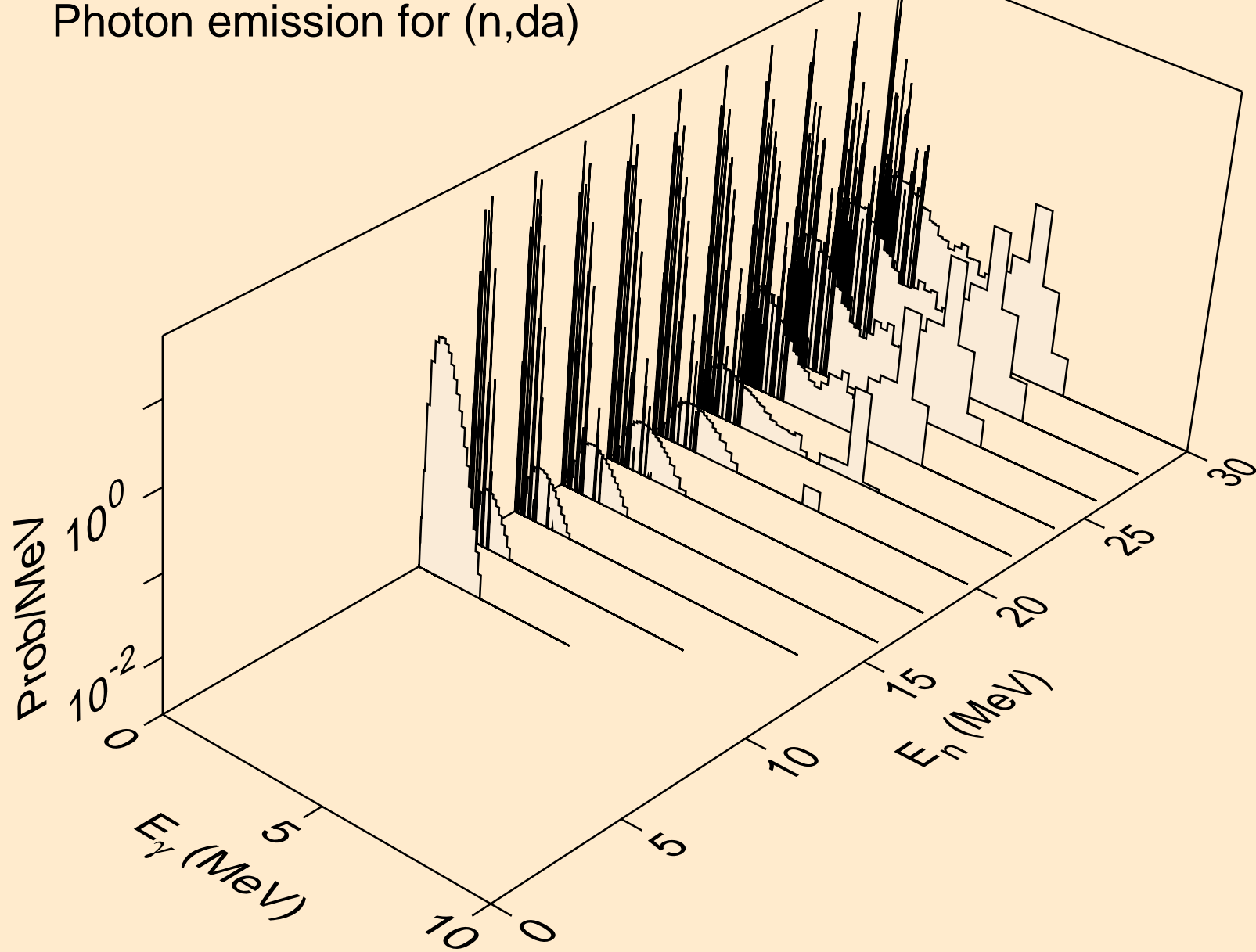
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



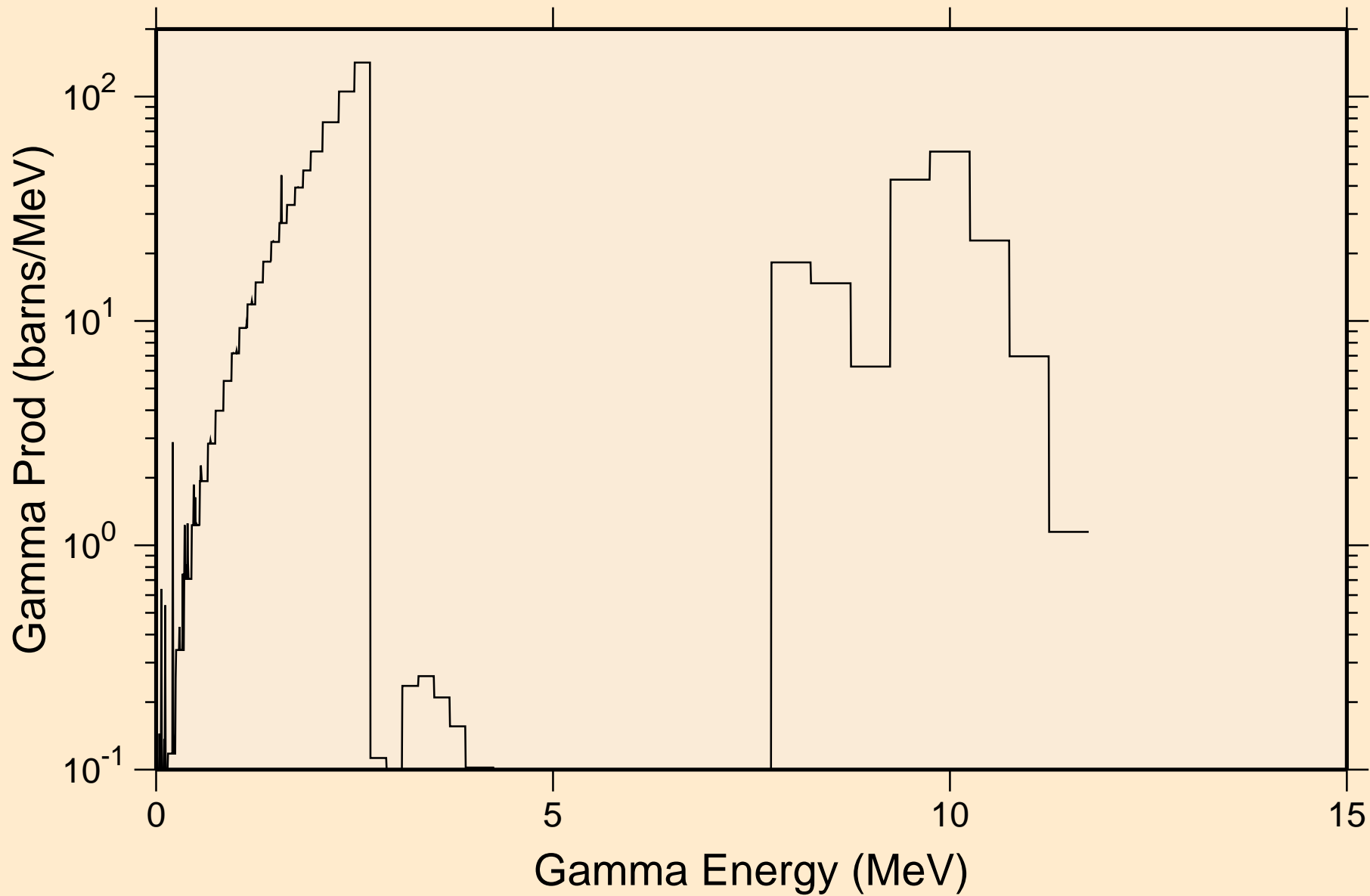
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



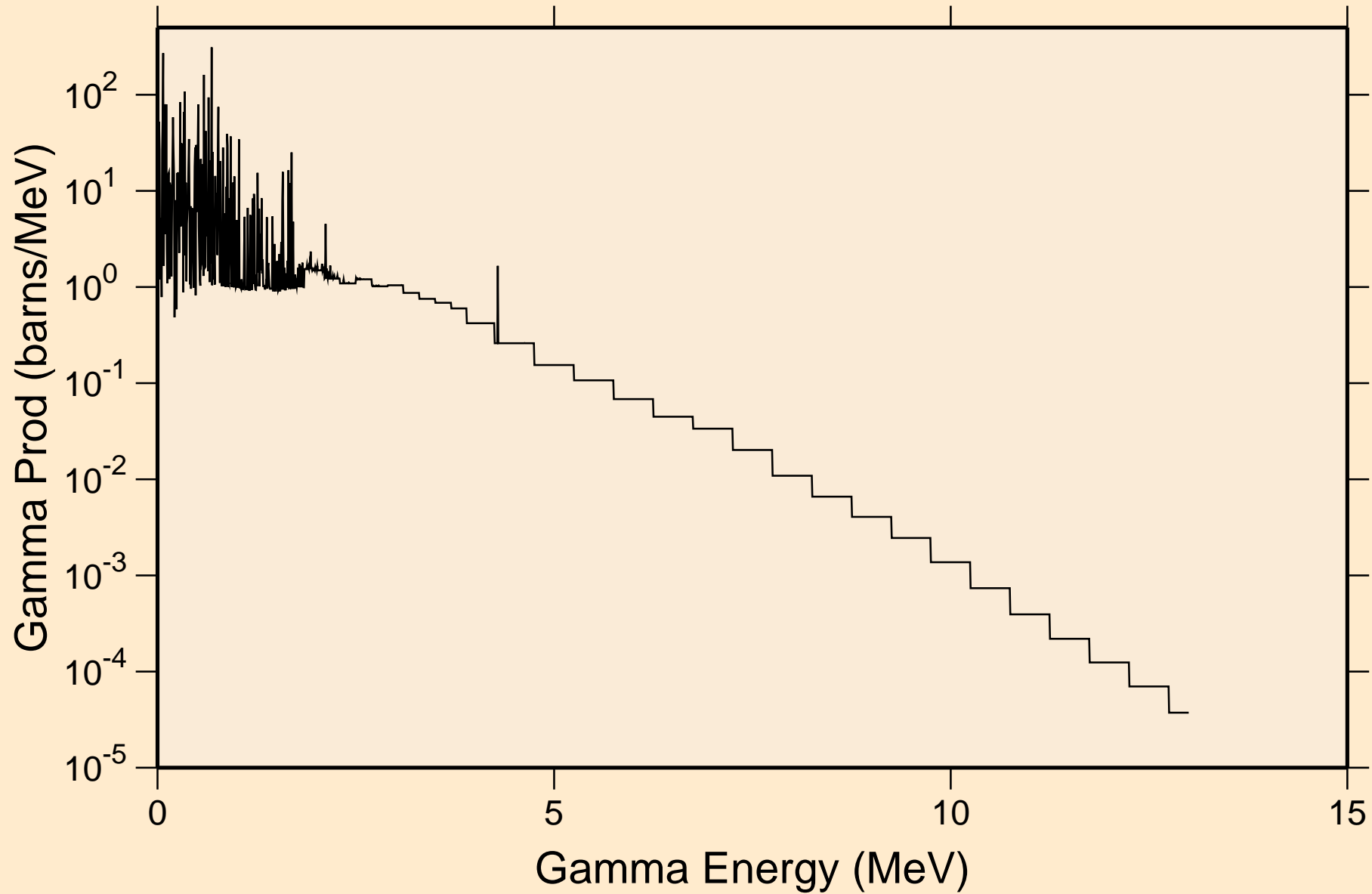
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

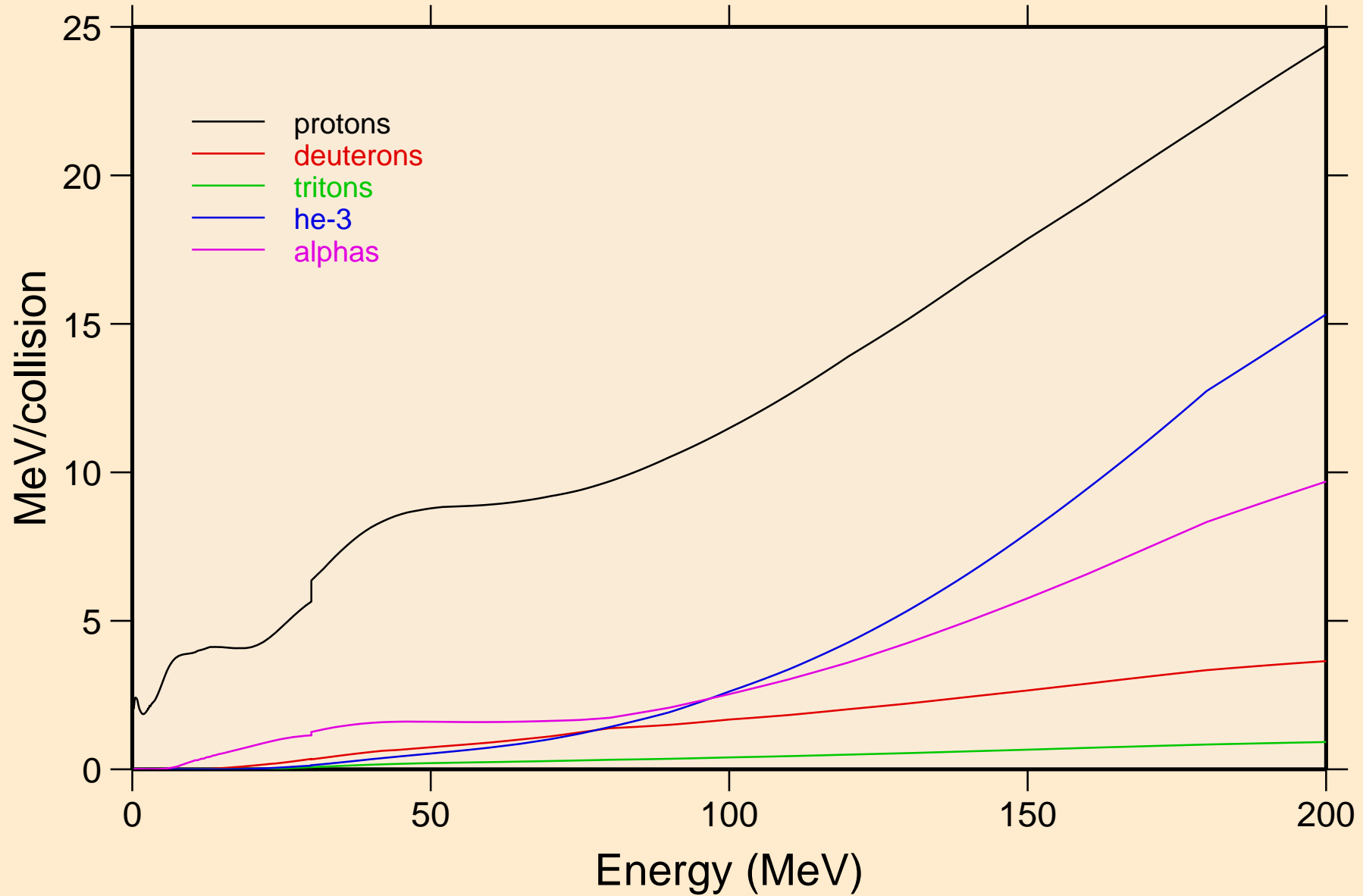


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

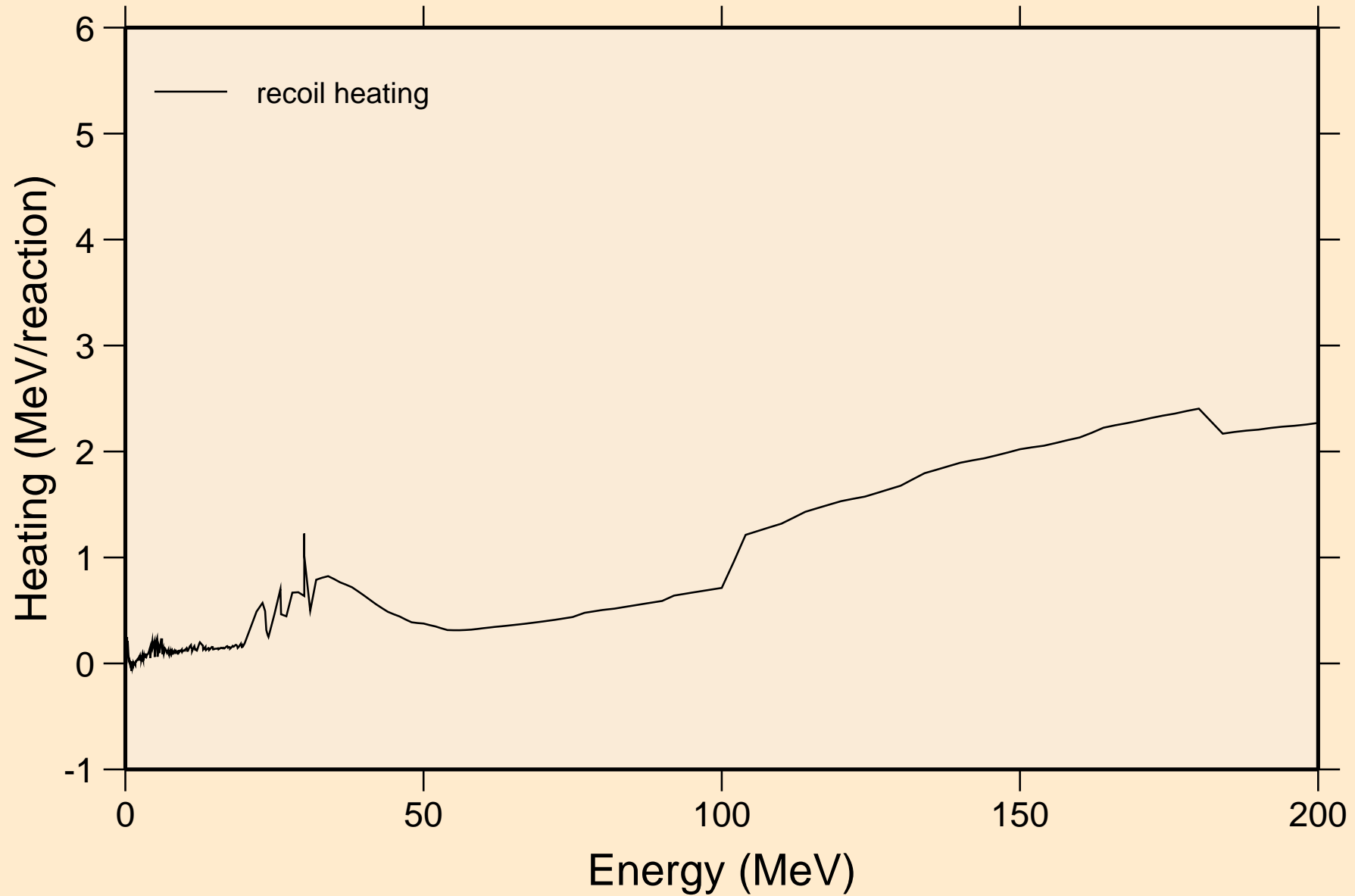


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Particle heating contributions

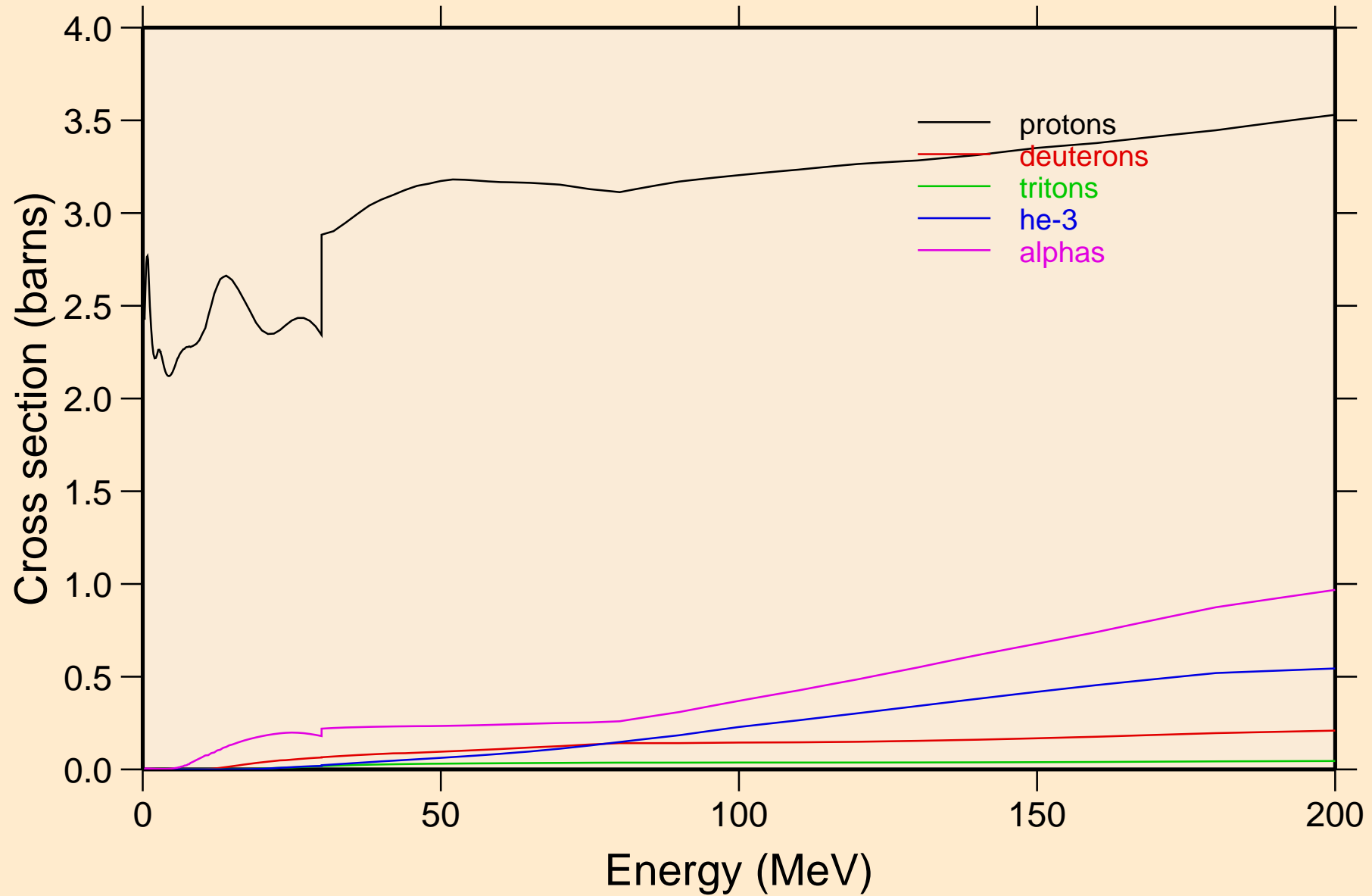


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating

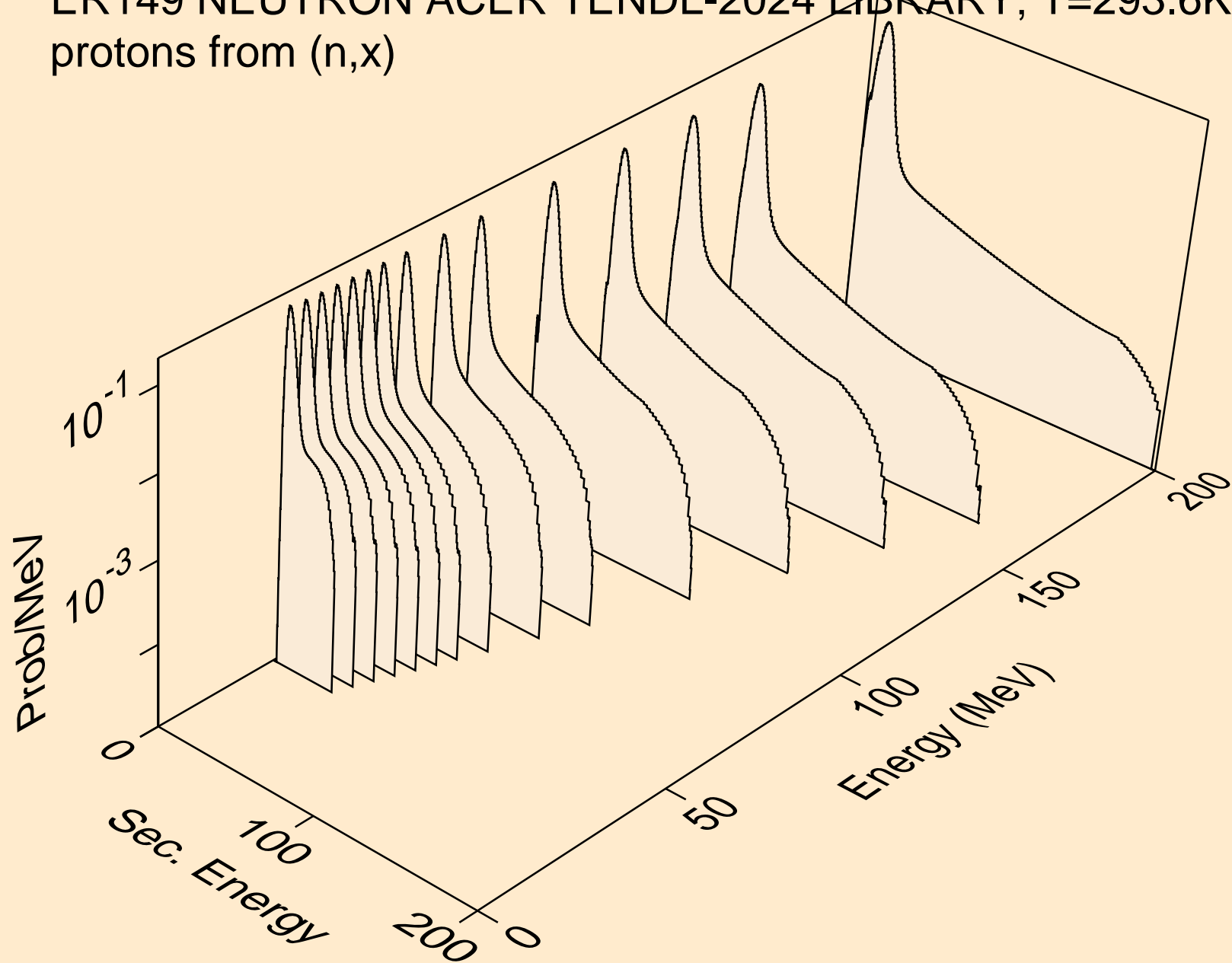


ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

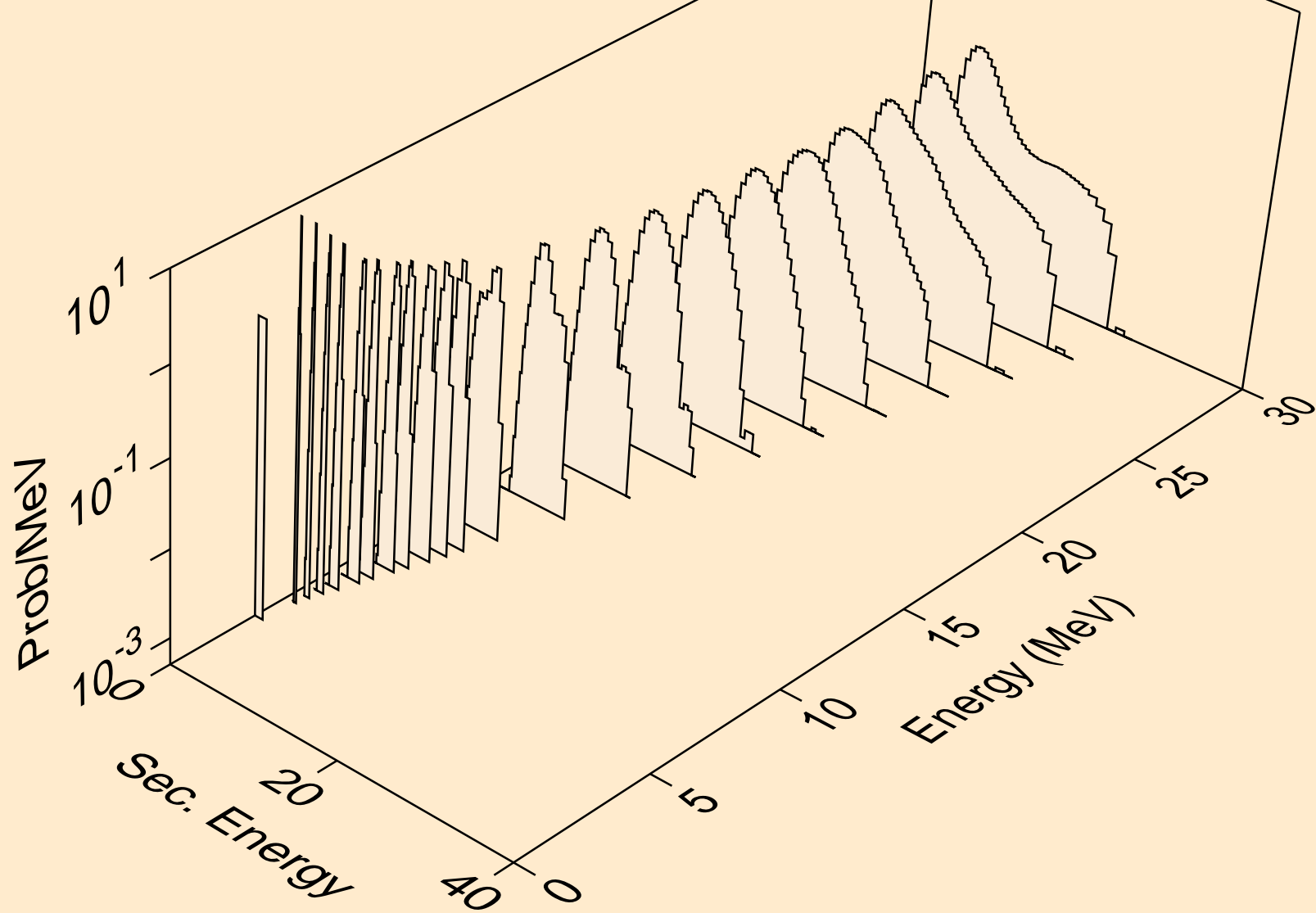
Particle production cross sections



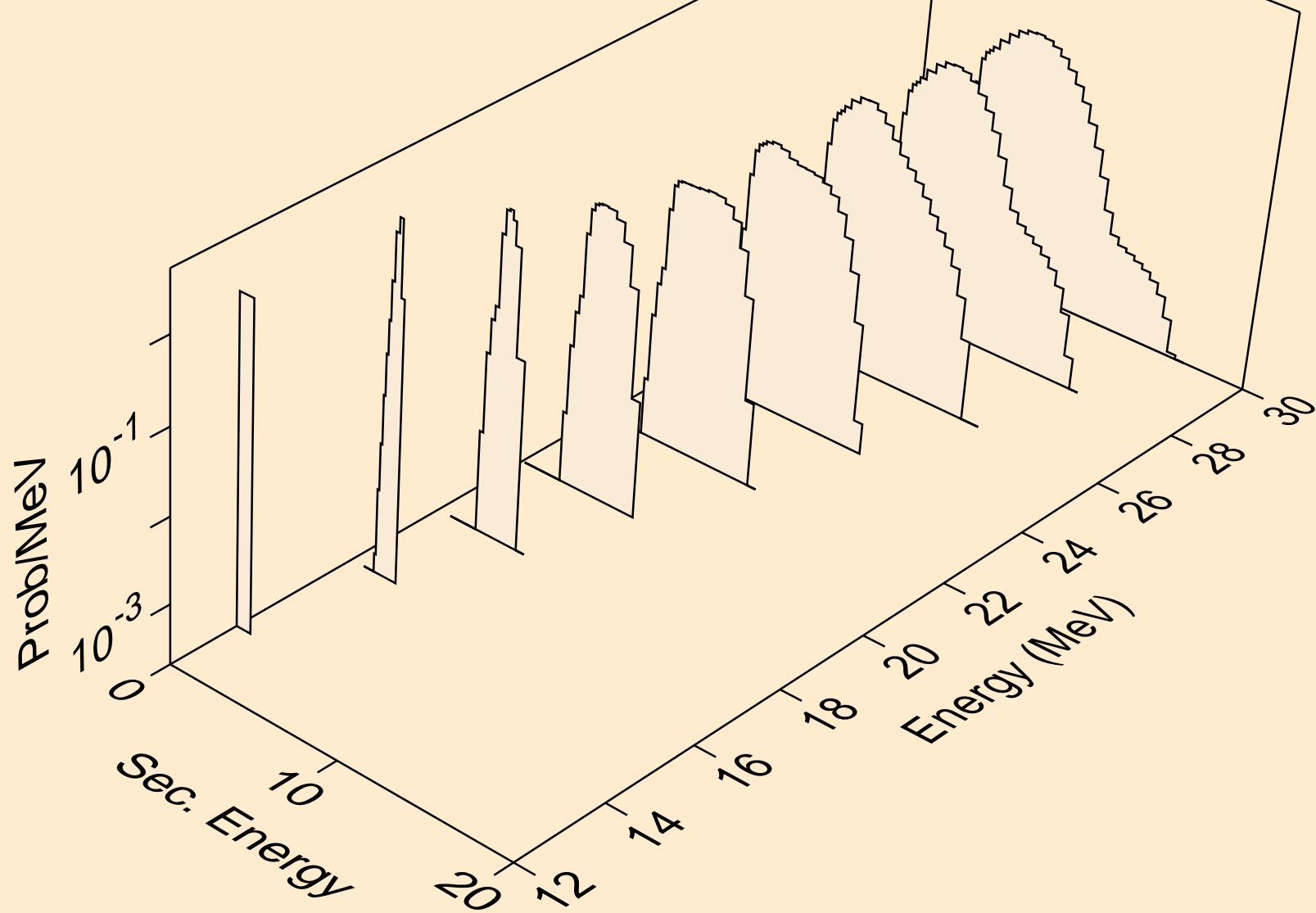
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



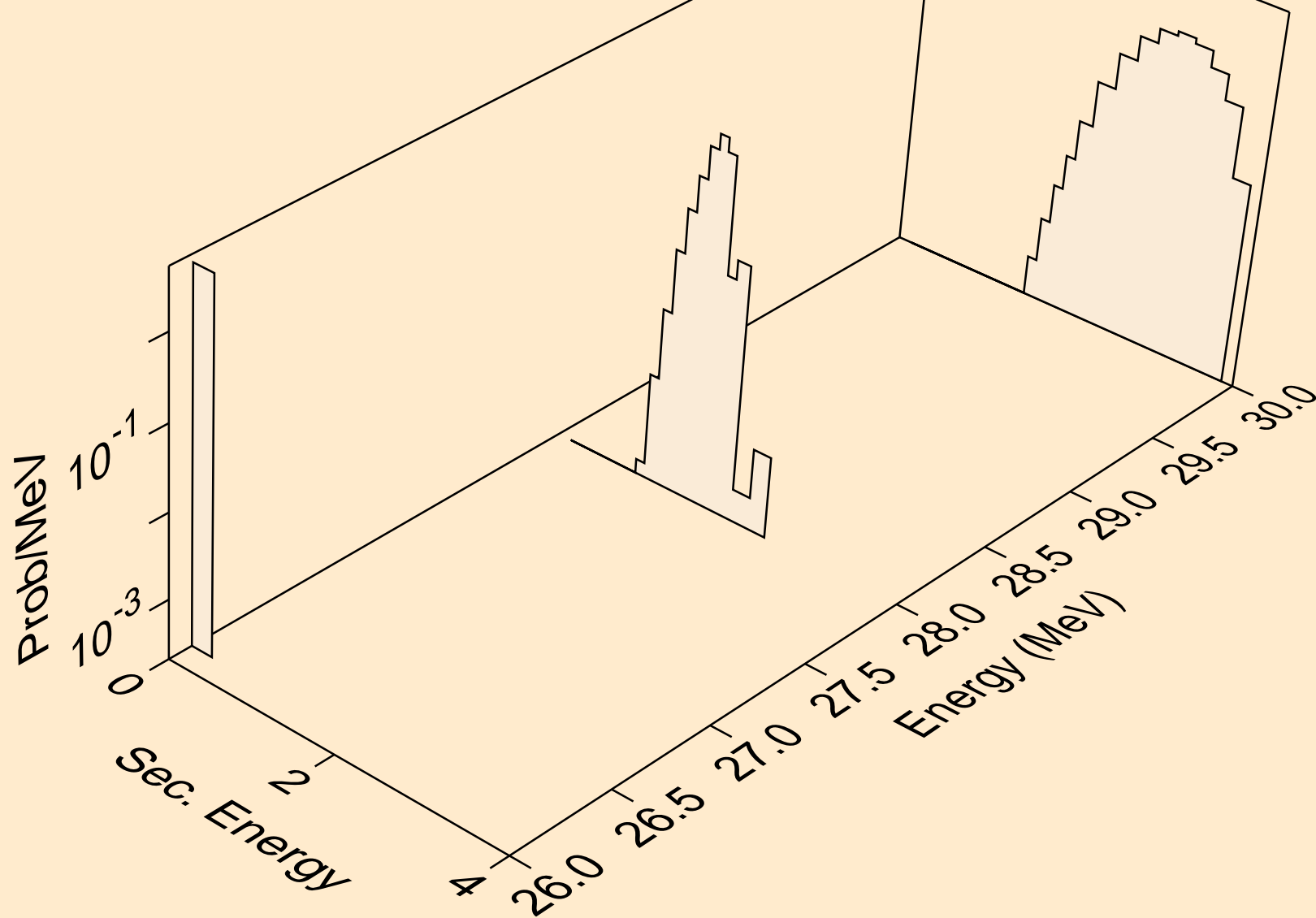
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



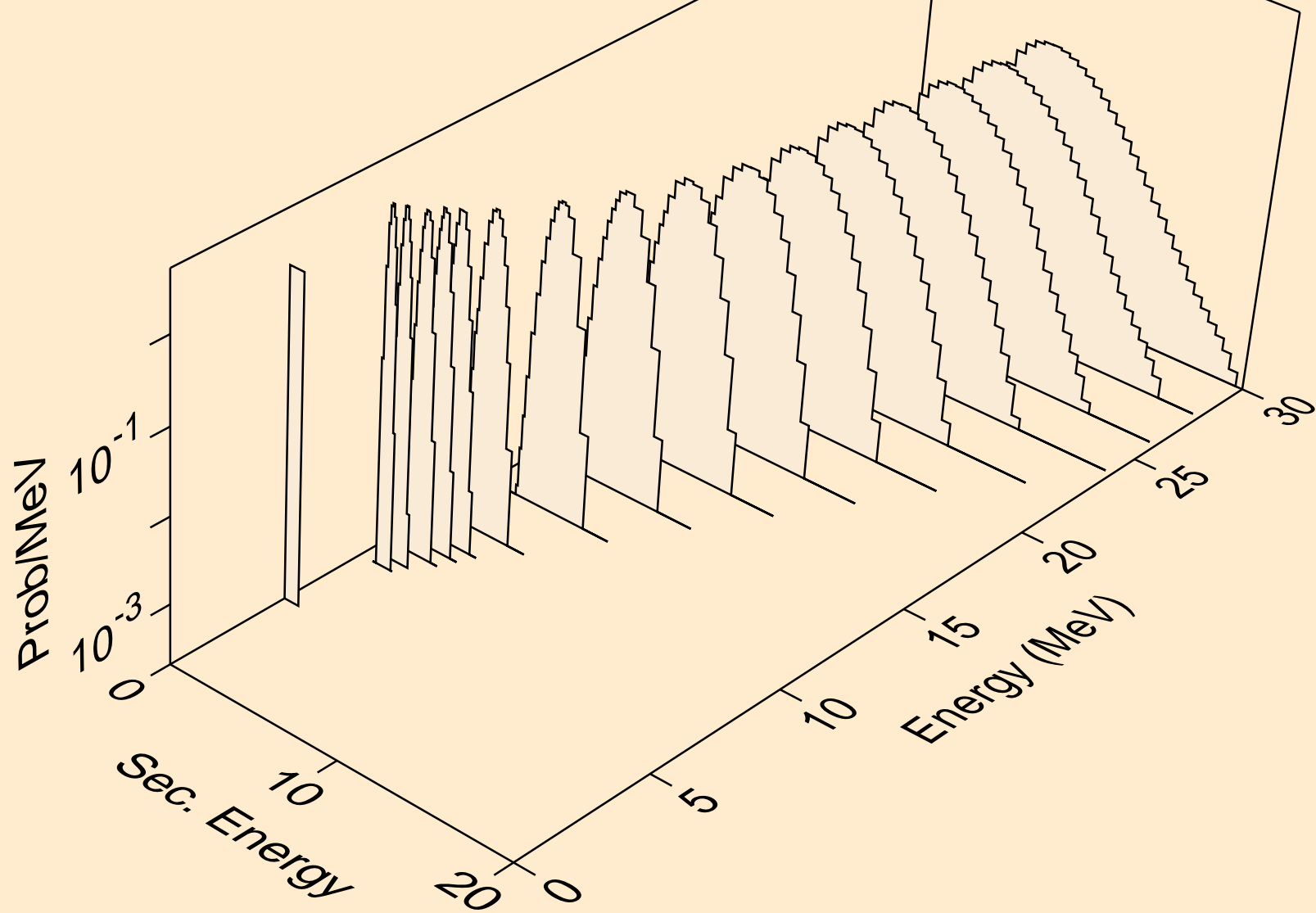
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



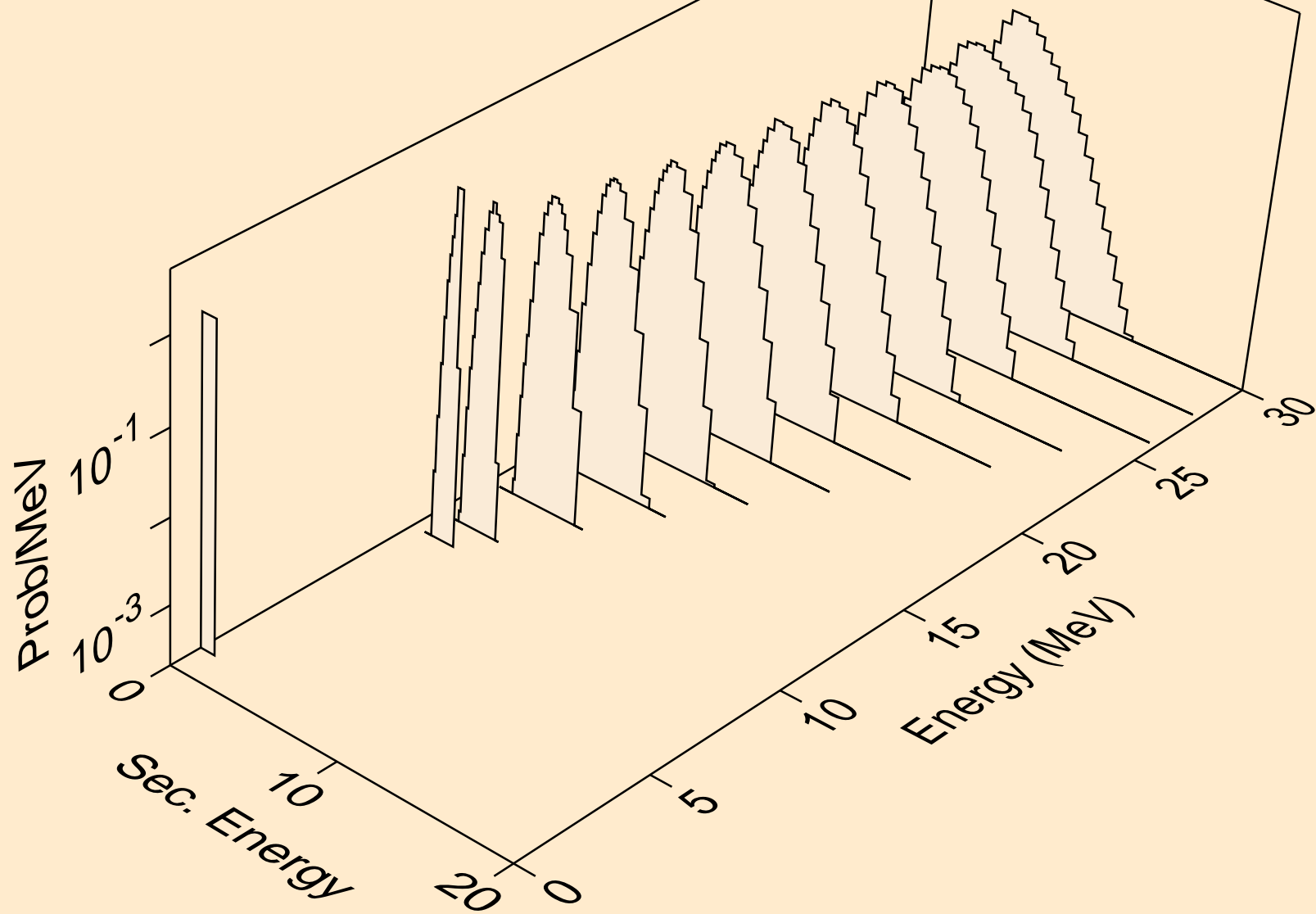
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



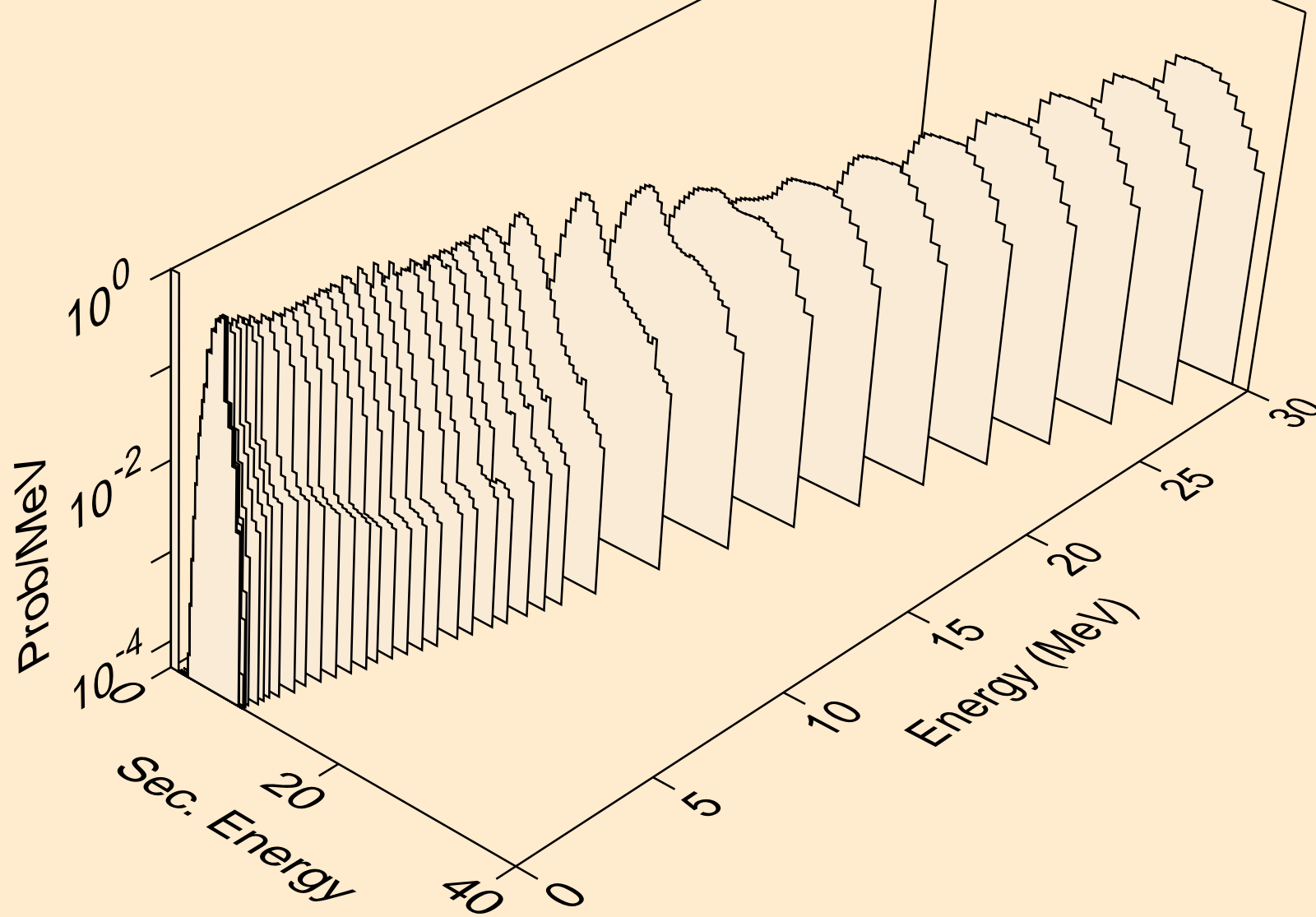
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



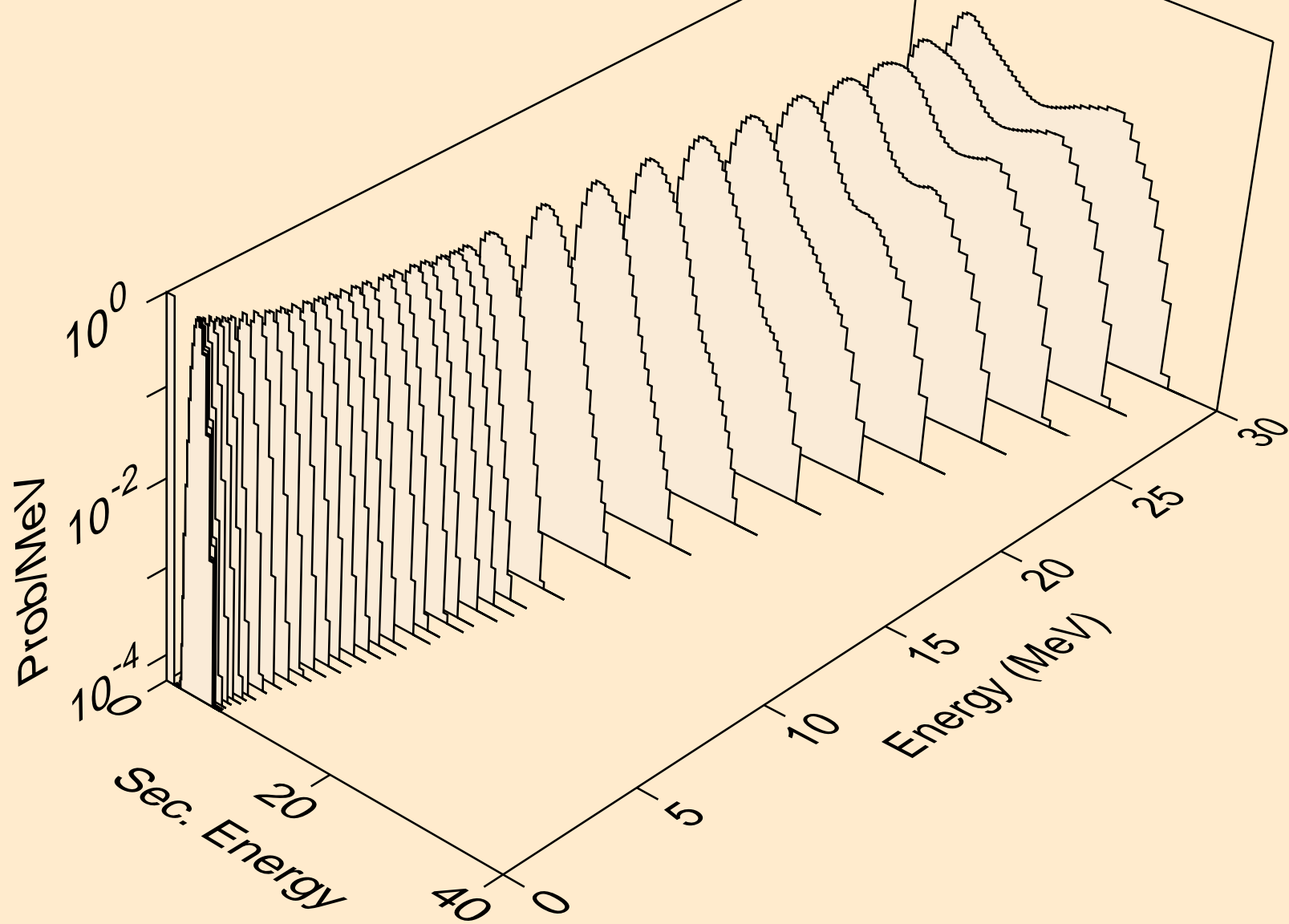
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protons from (n,npa)



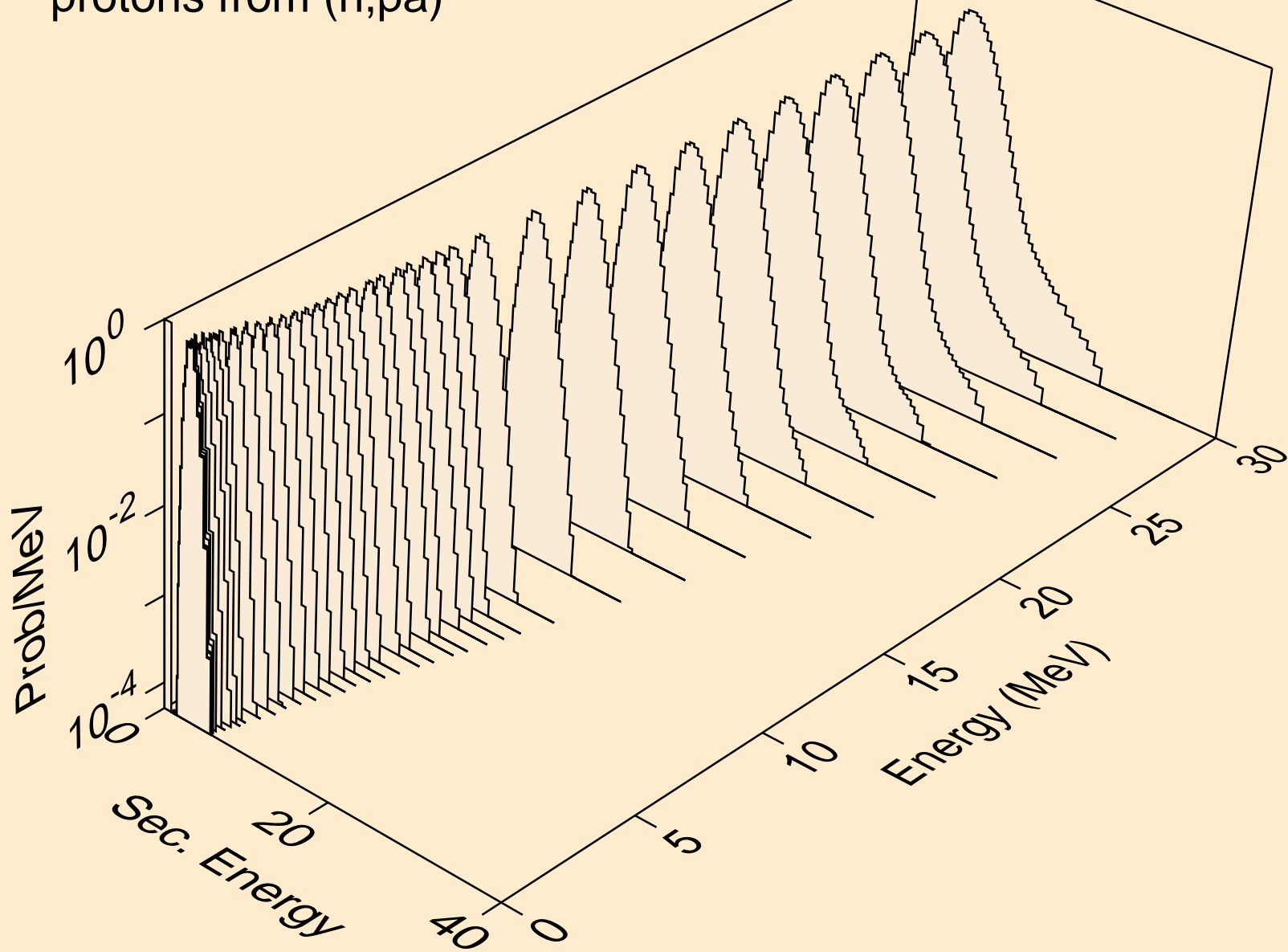
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protons from (n,p)



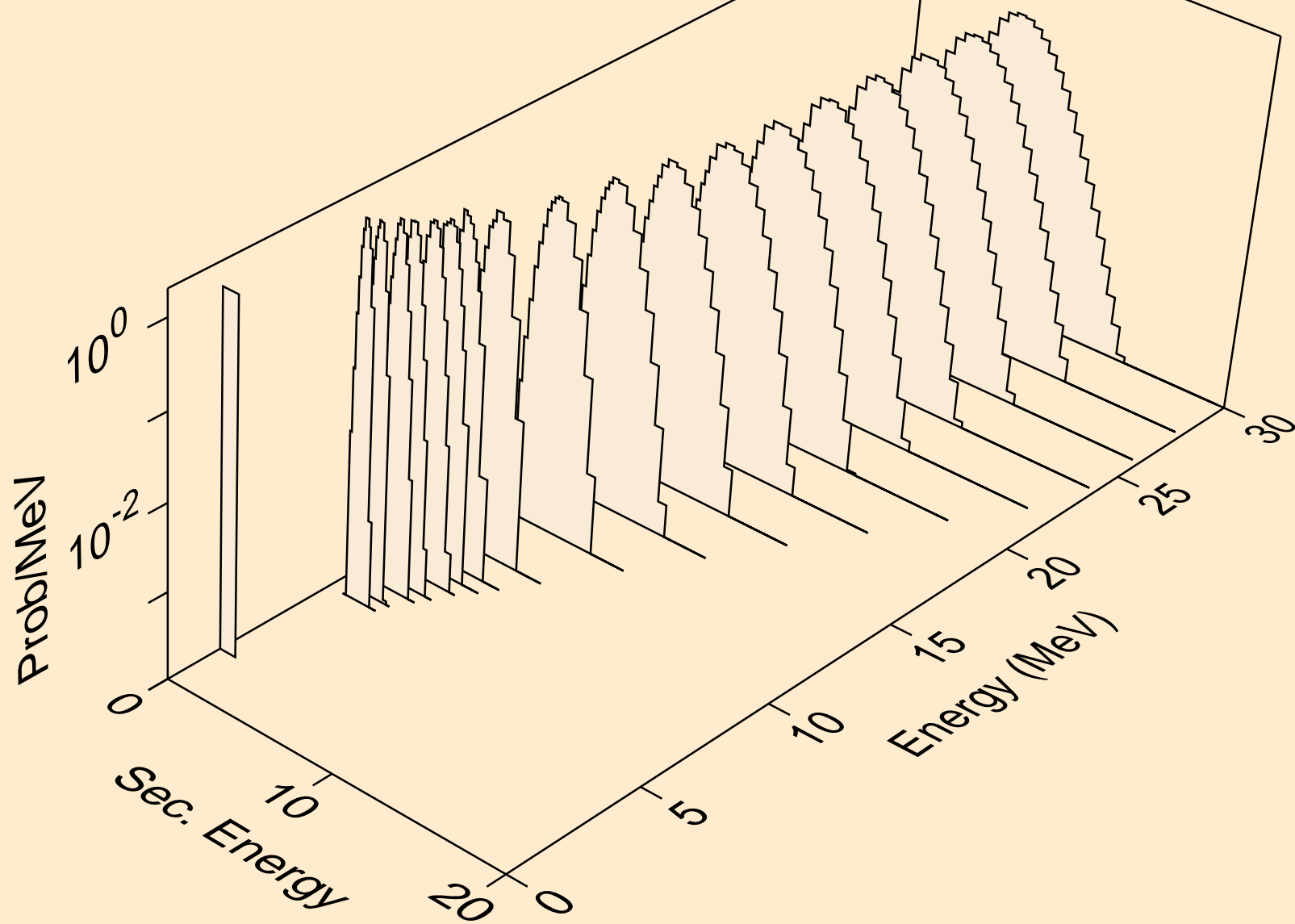
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protons from (n,2p)



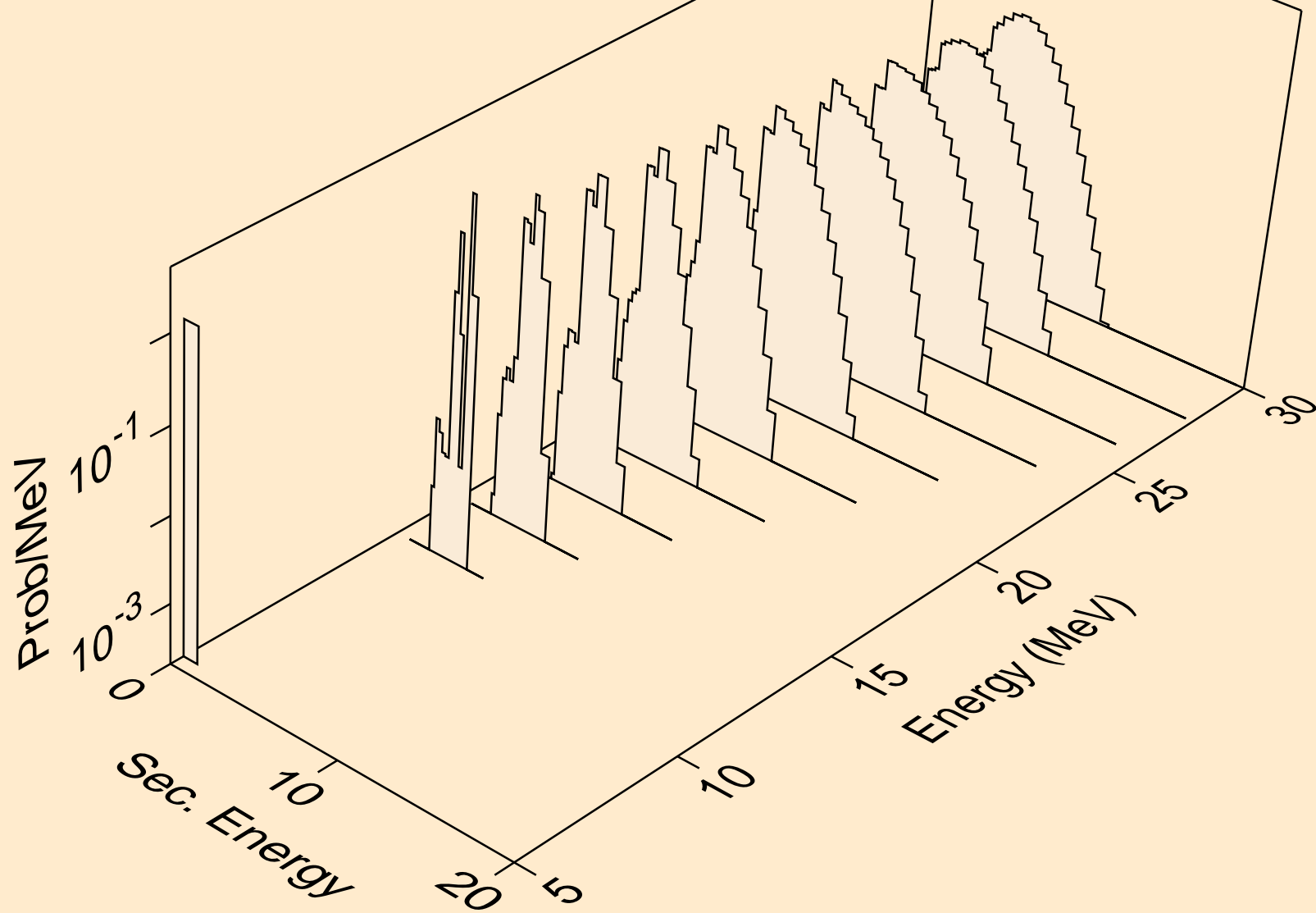
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protons from (n,p)



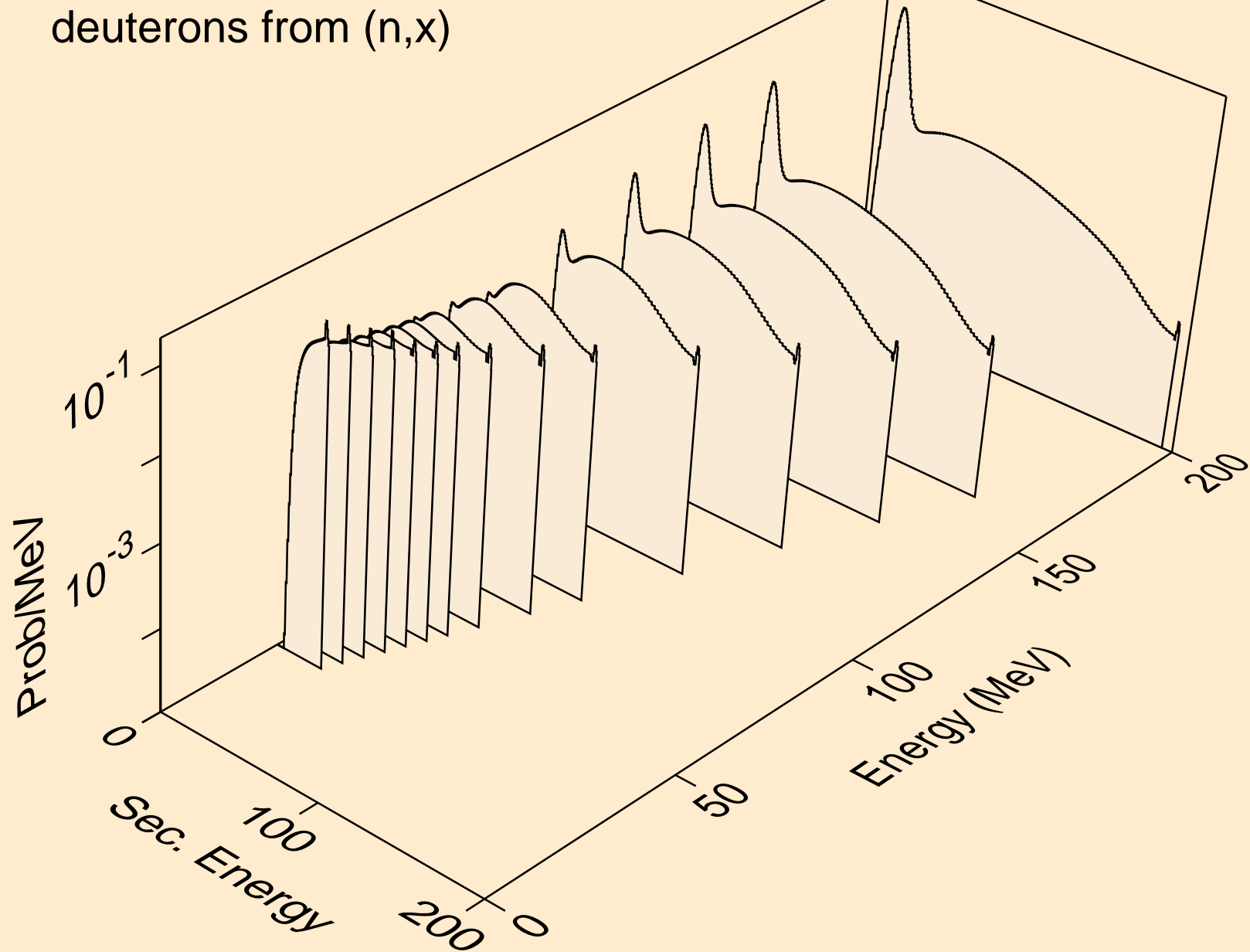
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



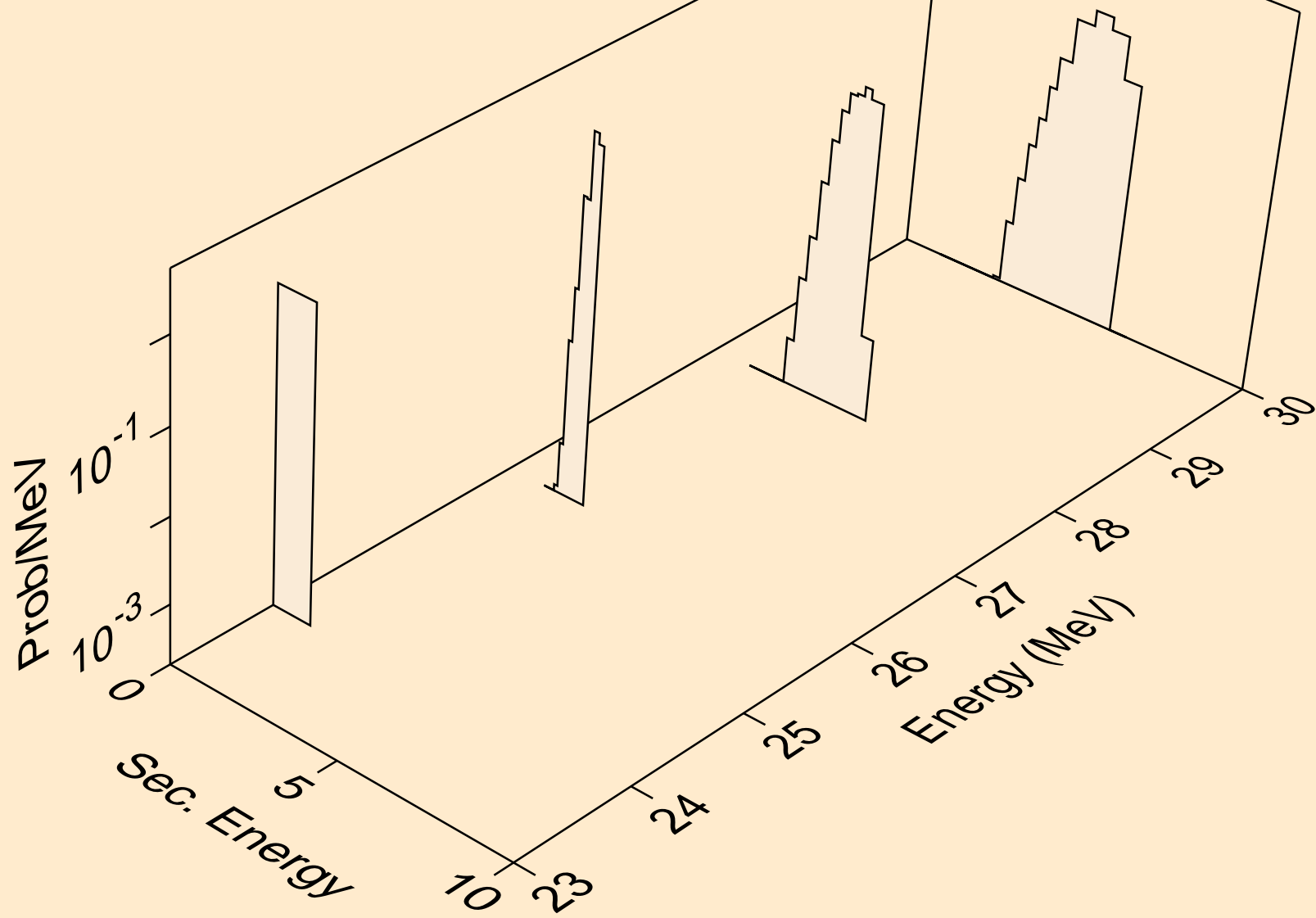
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protons from (n,pt)



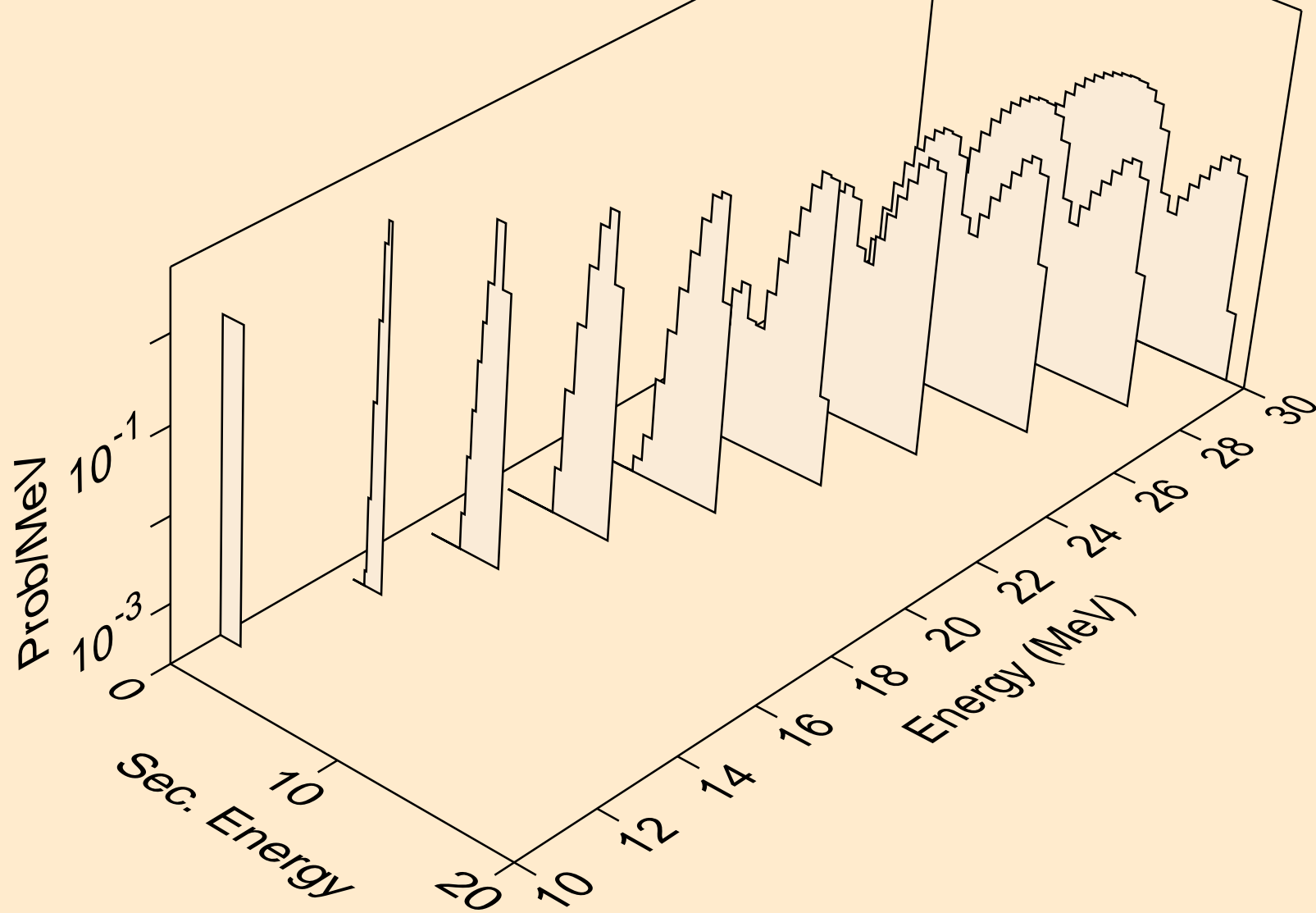
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



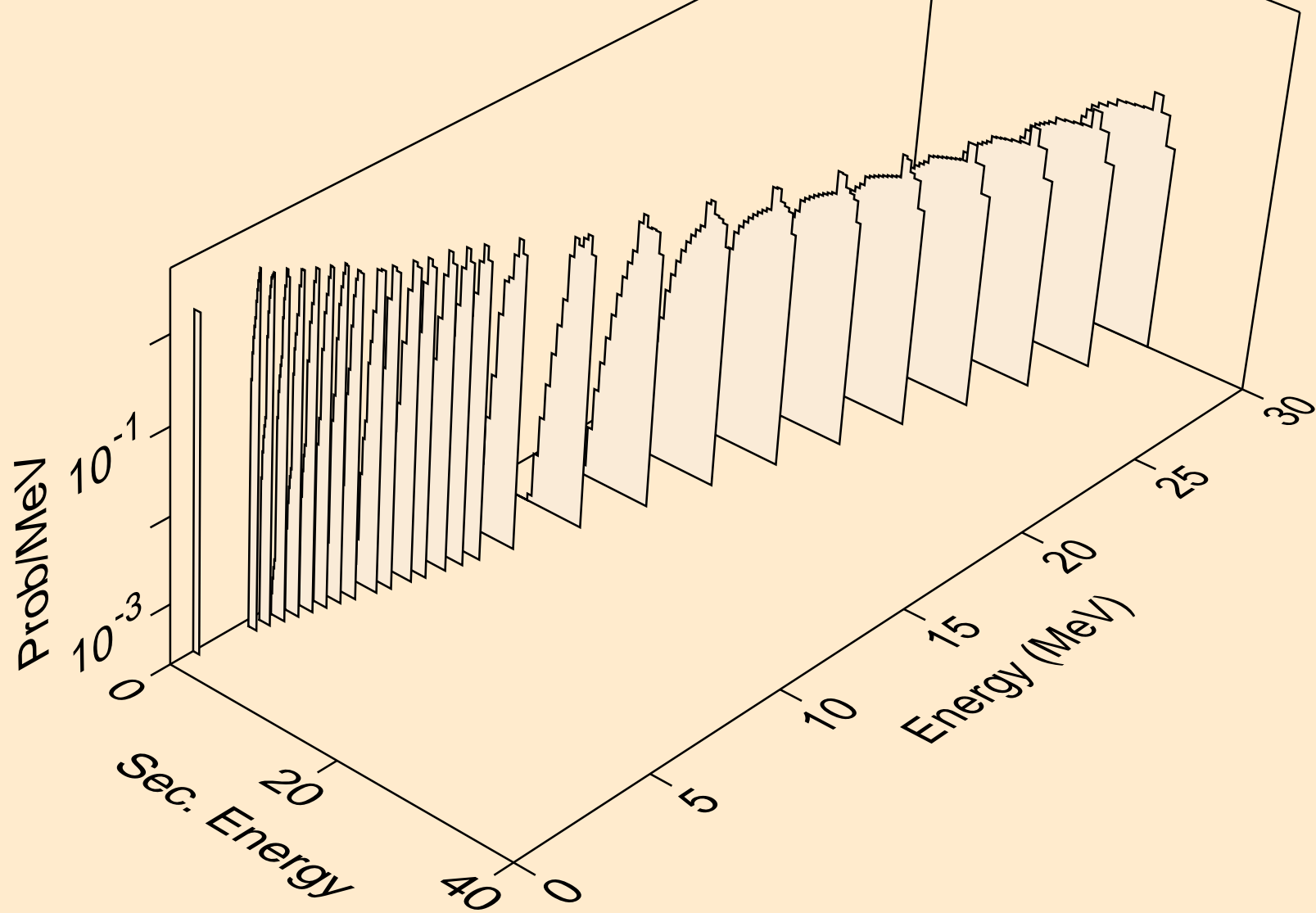
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deuterons from (n,2nd)



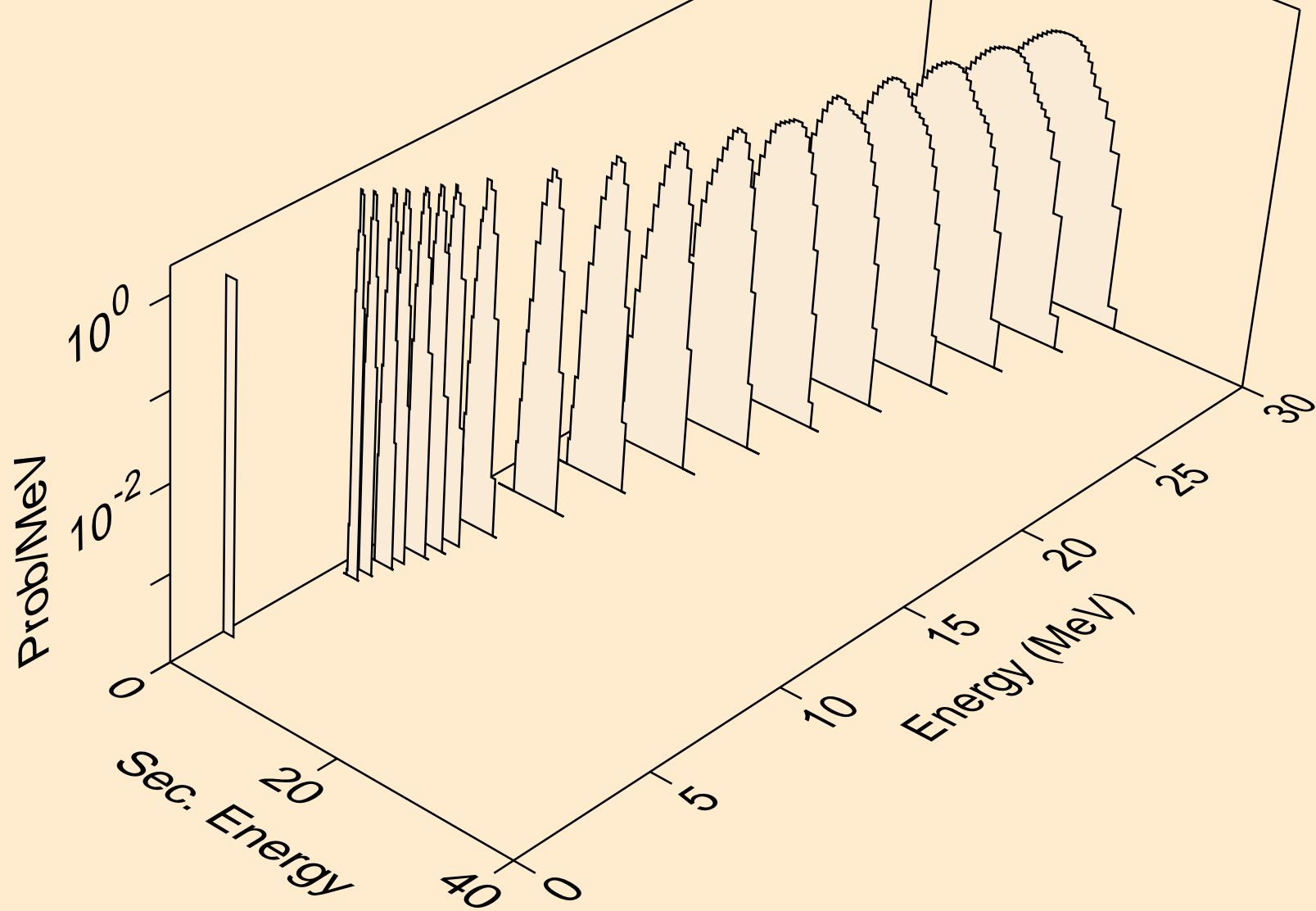
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



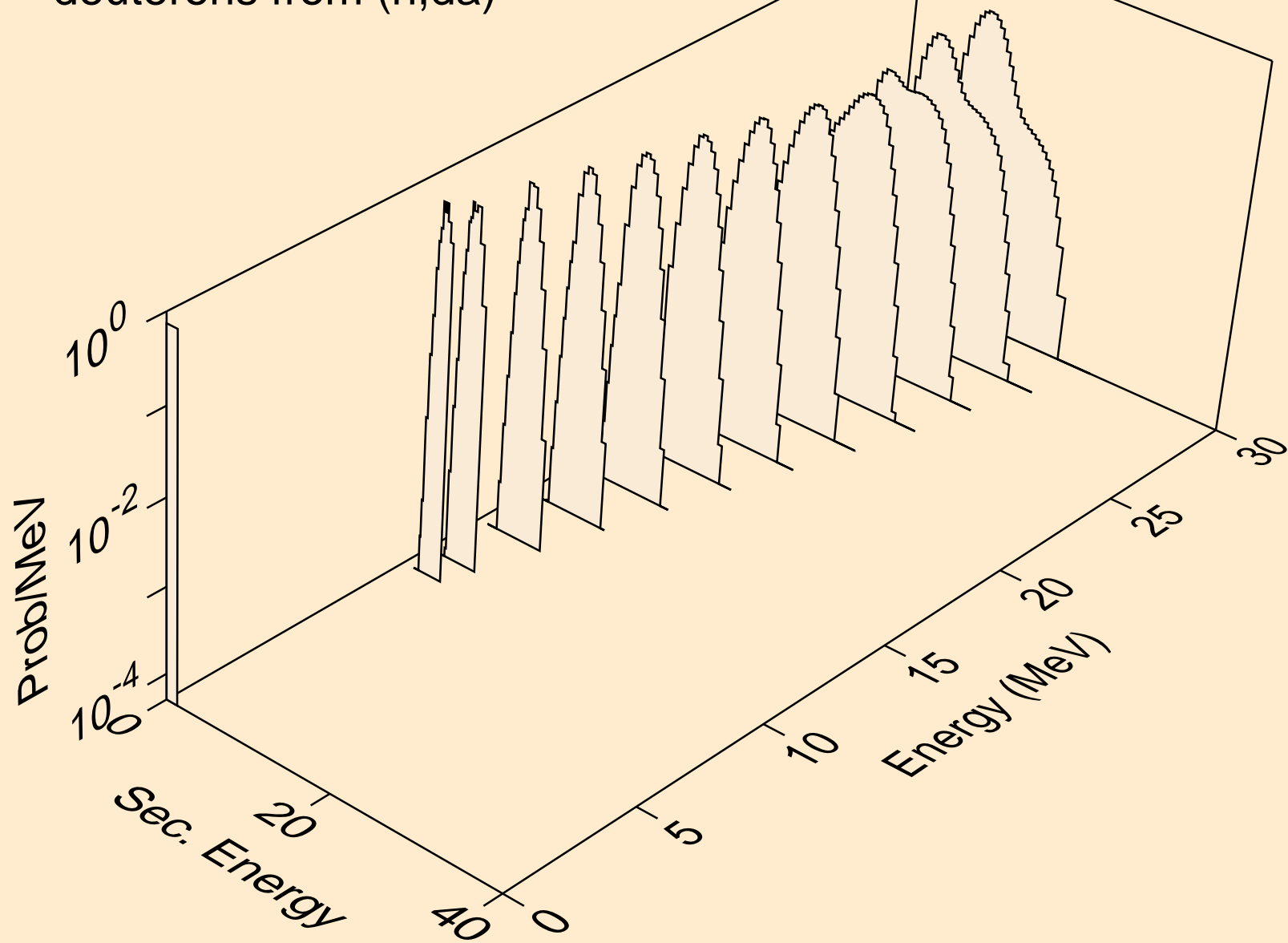
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deuterons from (n,d)



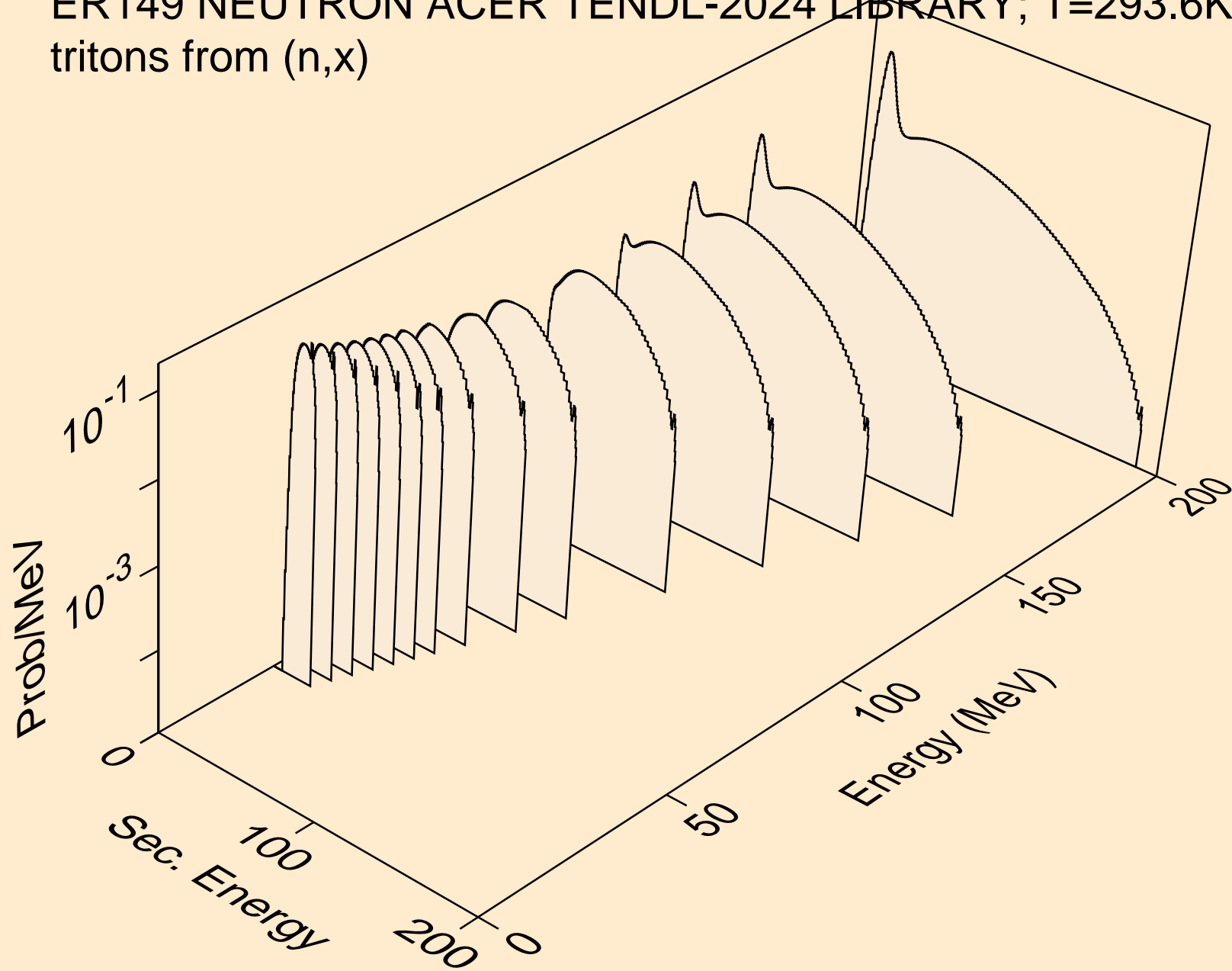
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deuterons from (n,pd)



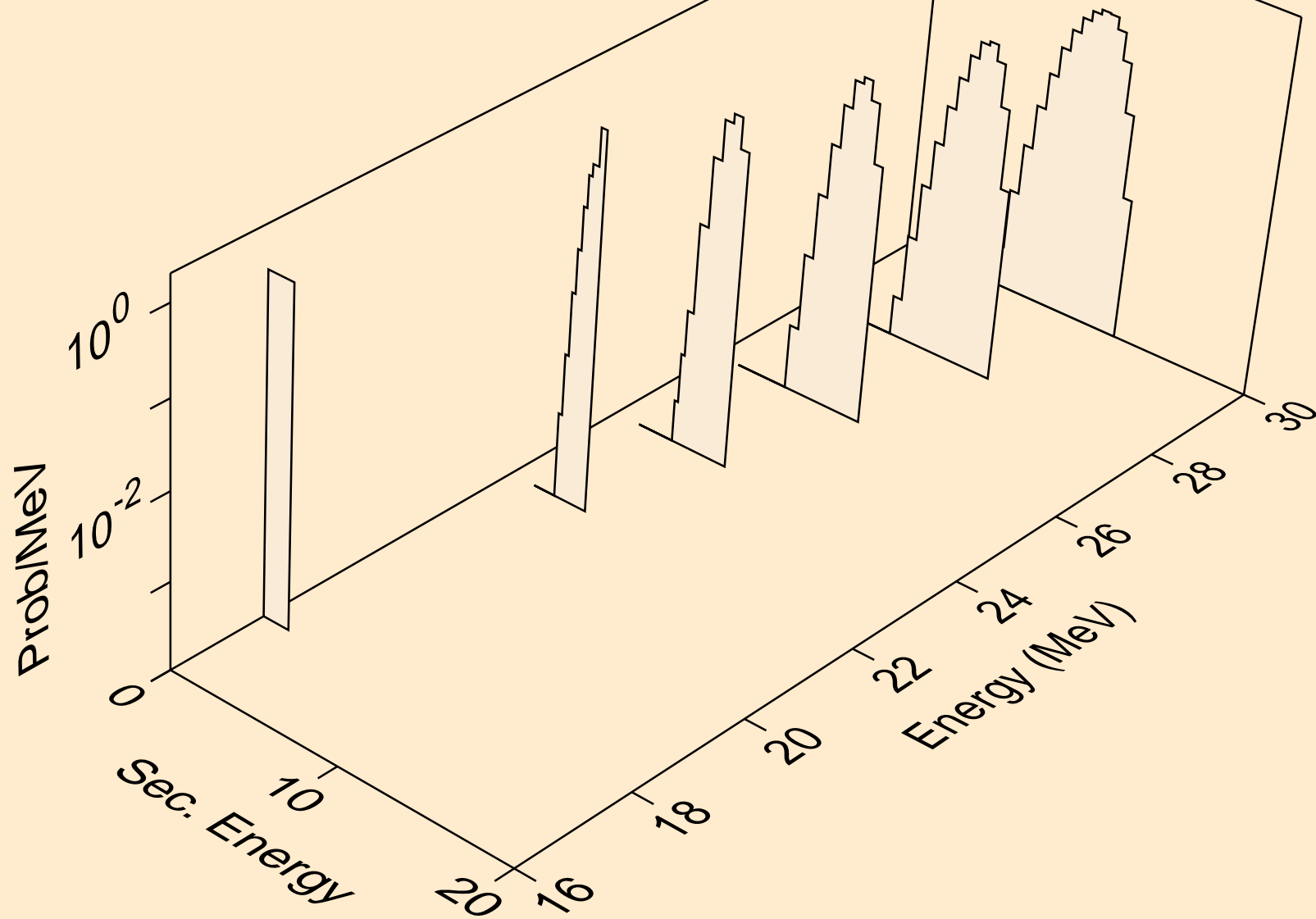
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,da)



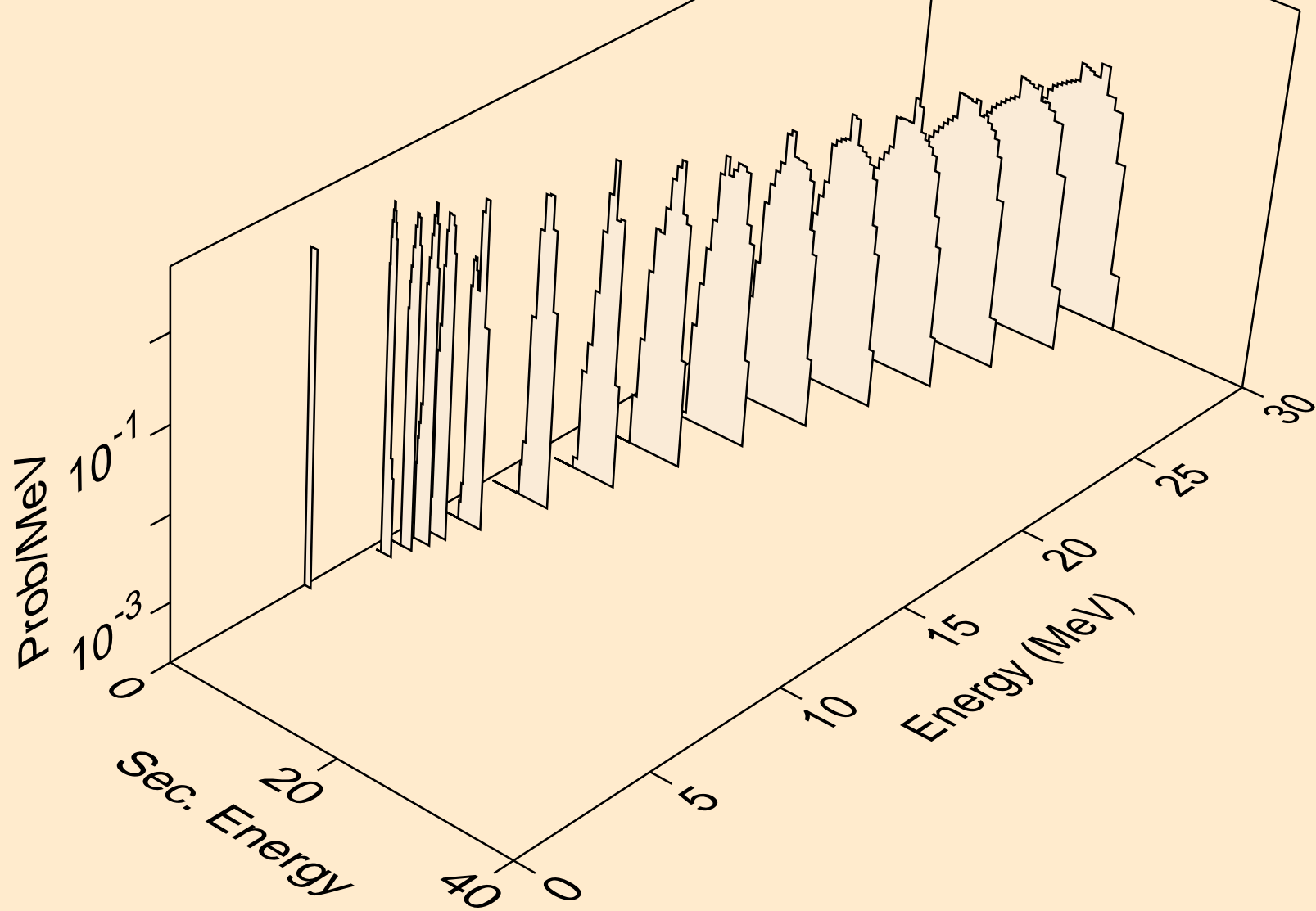
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



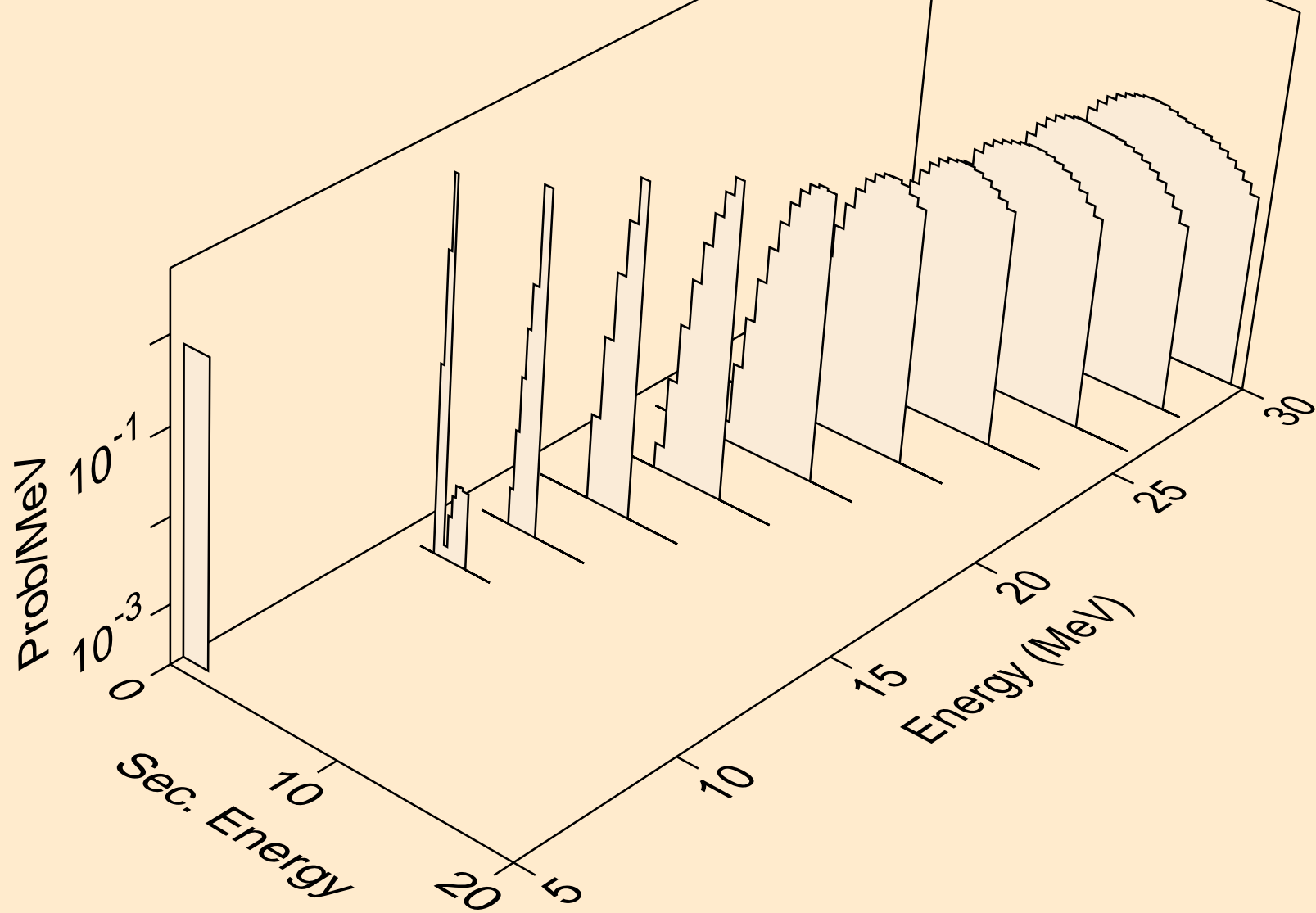
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



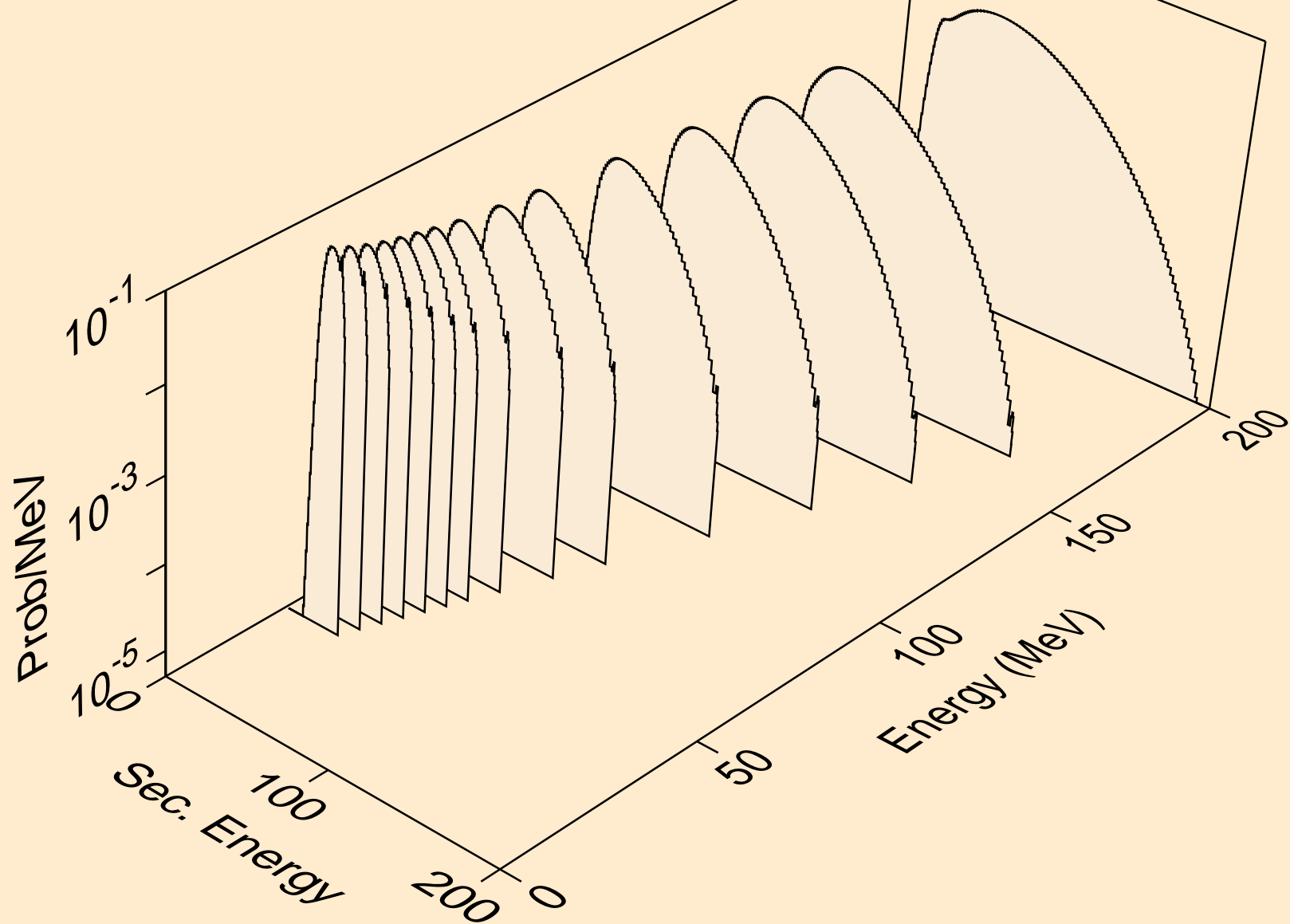
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tritons from (n,t)



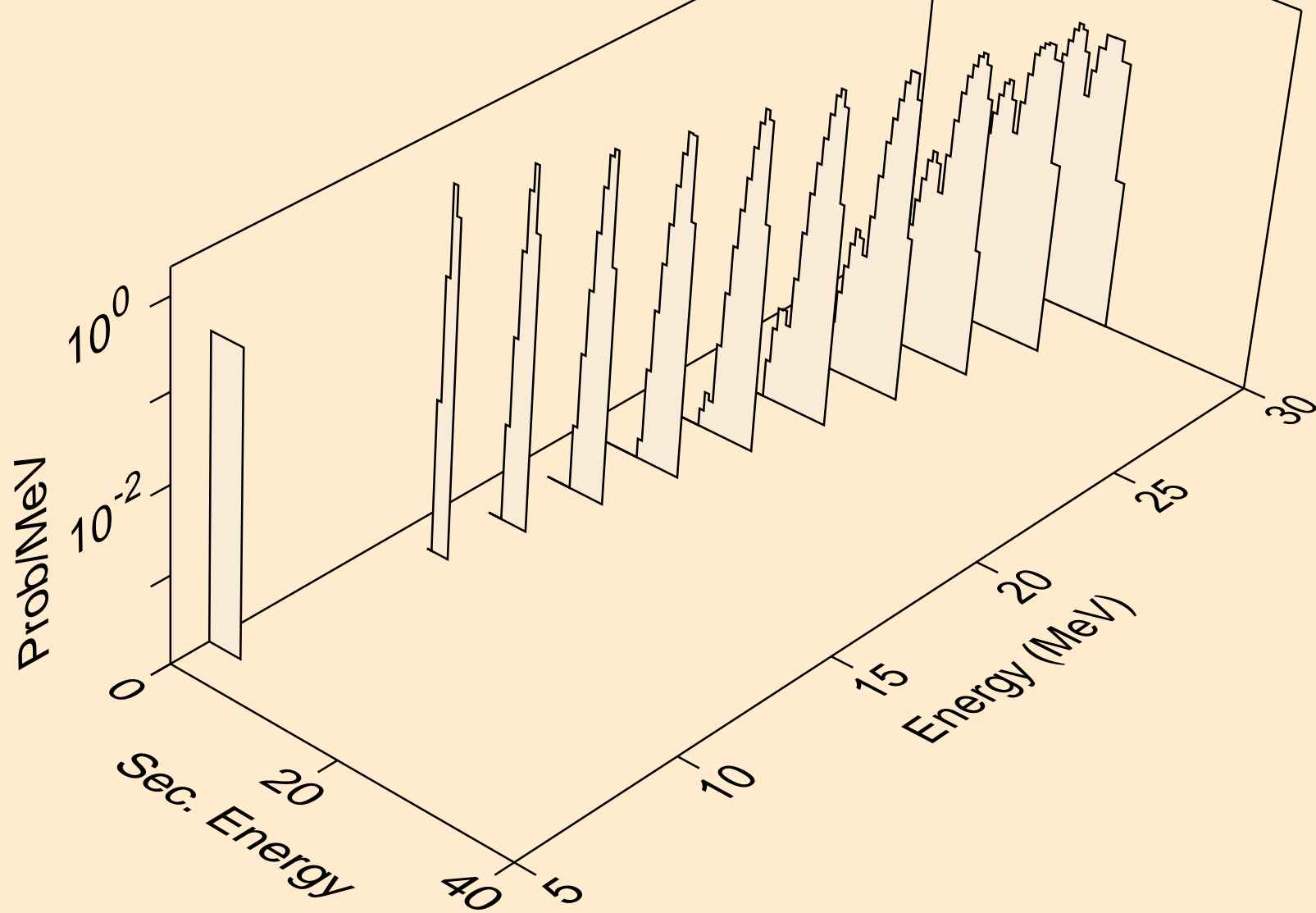
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tritons from (n,pt)



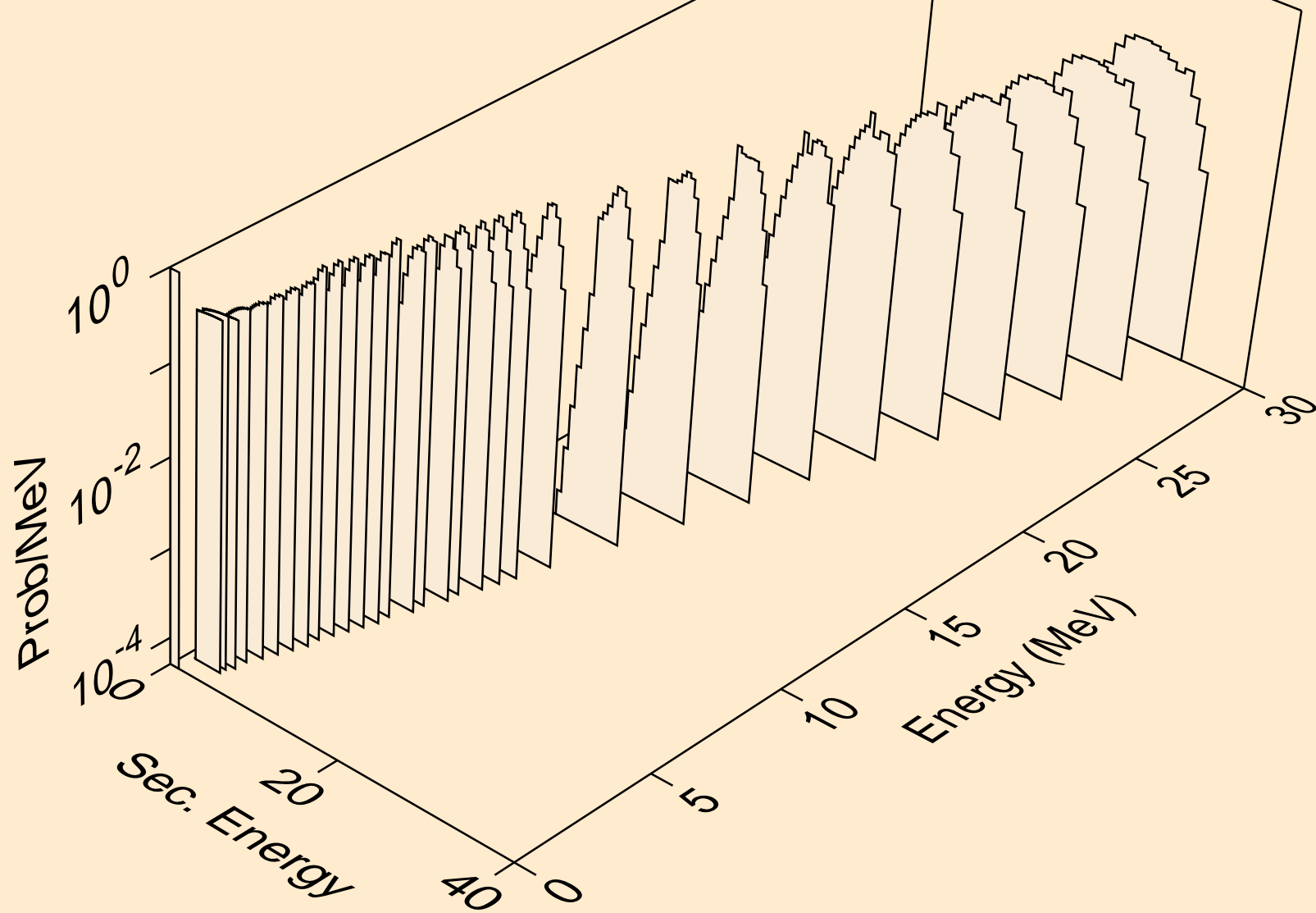
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



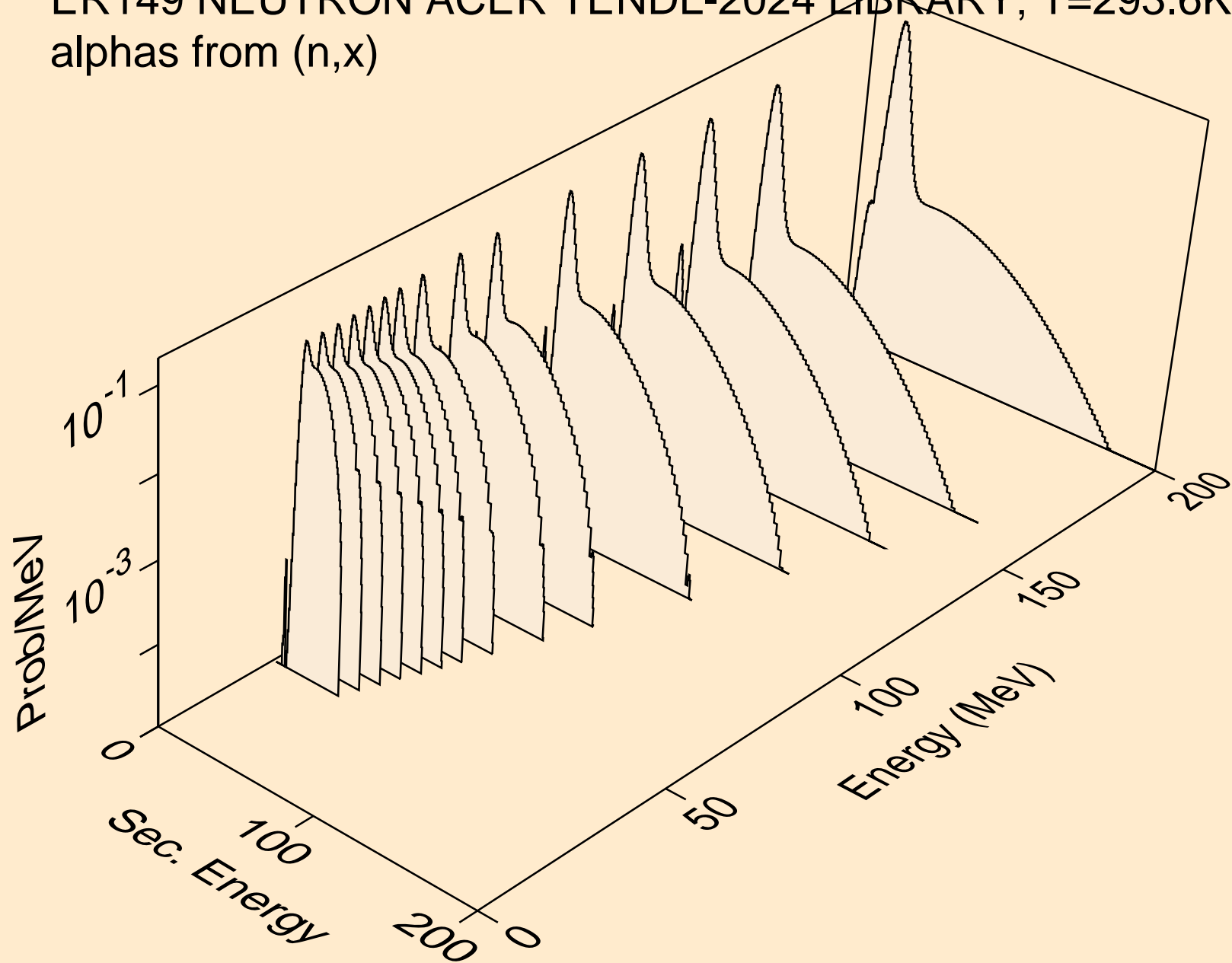
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



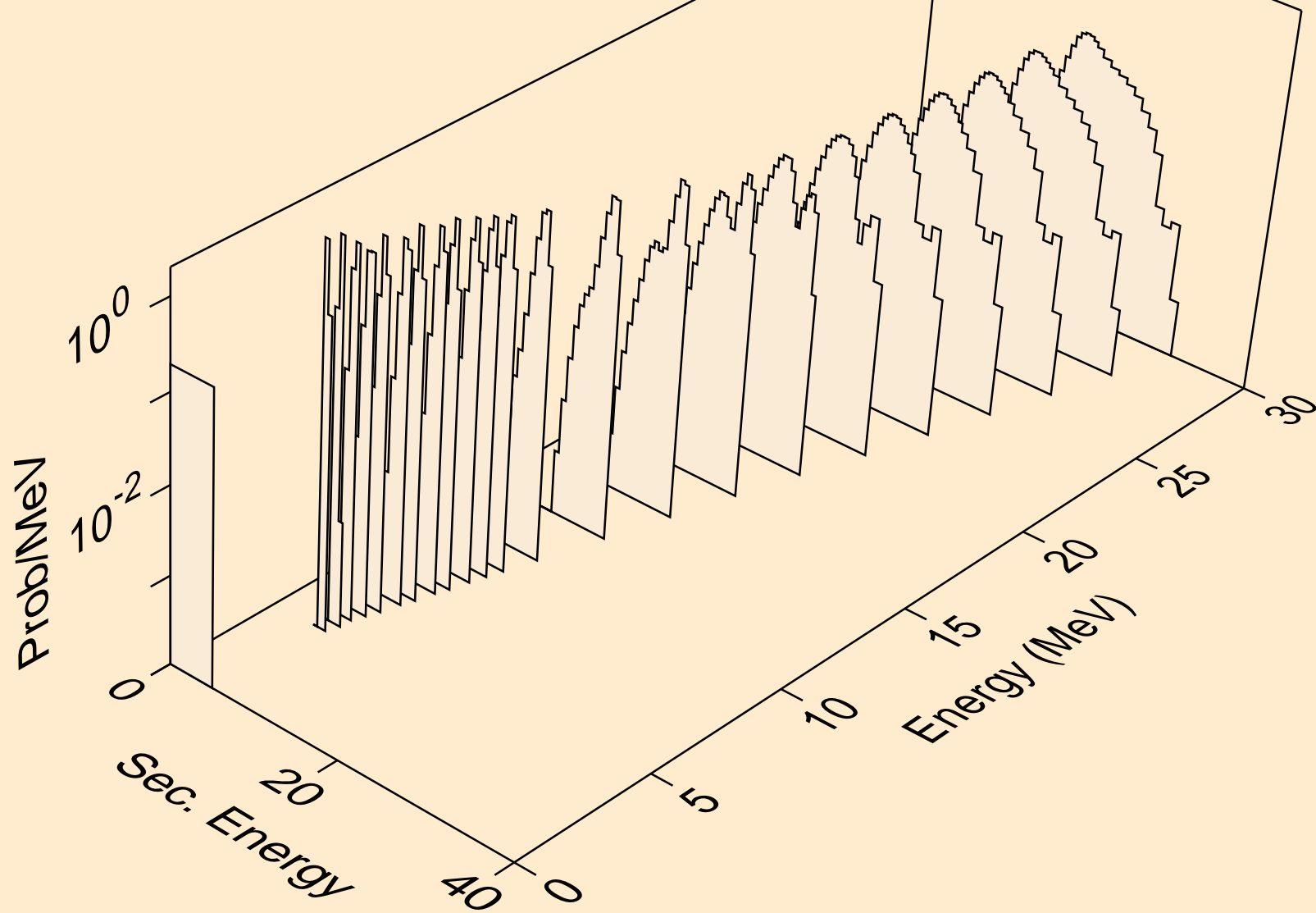
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



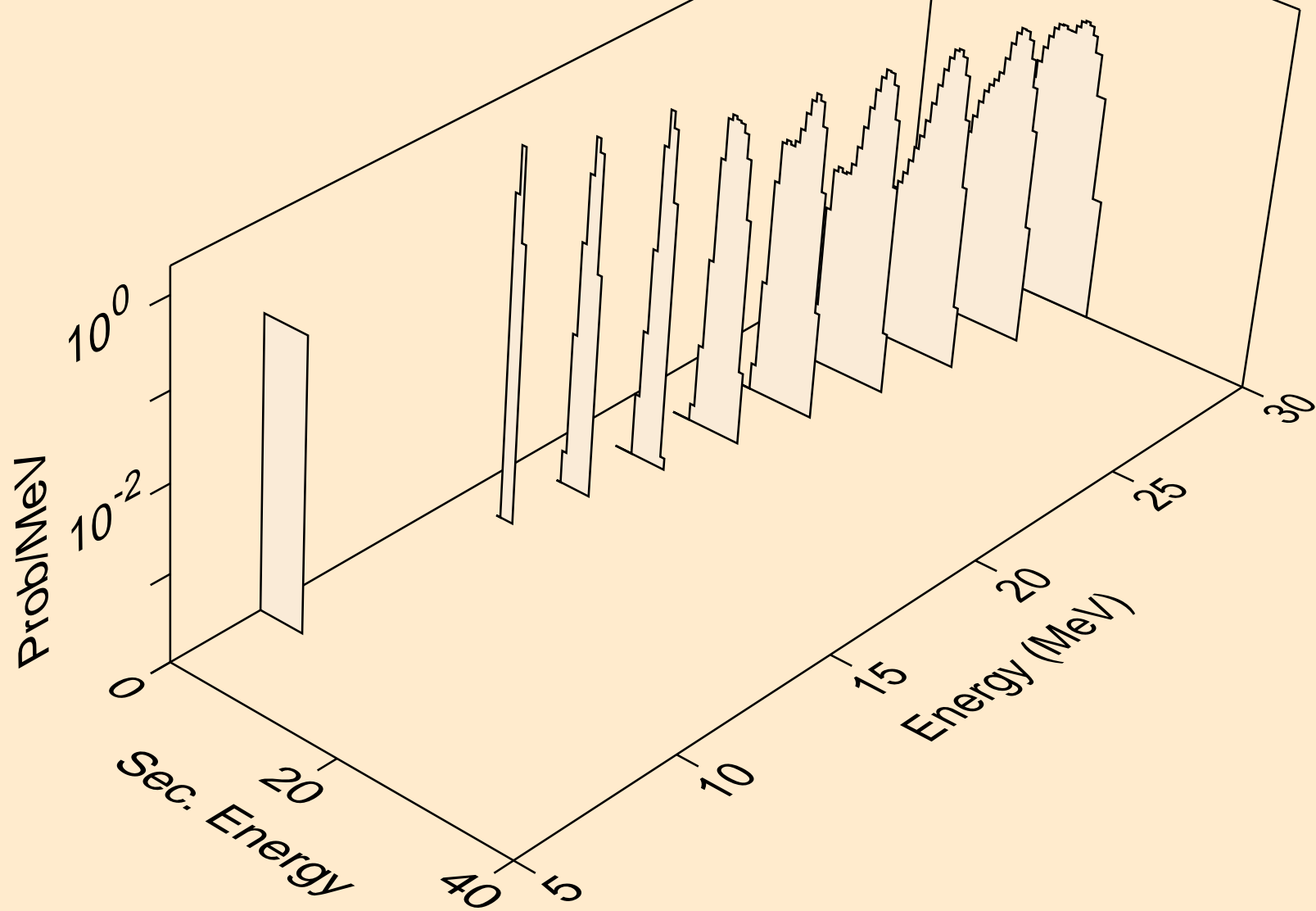
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



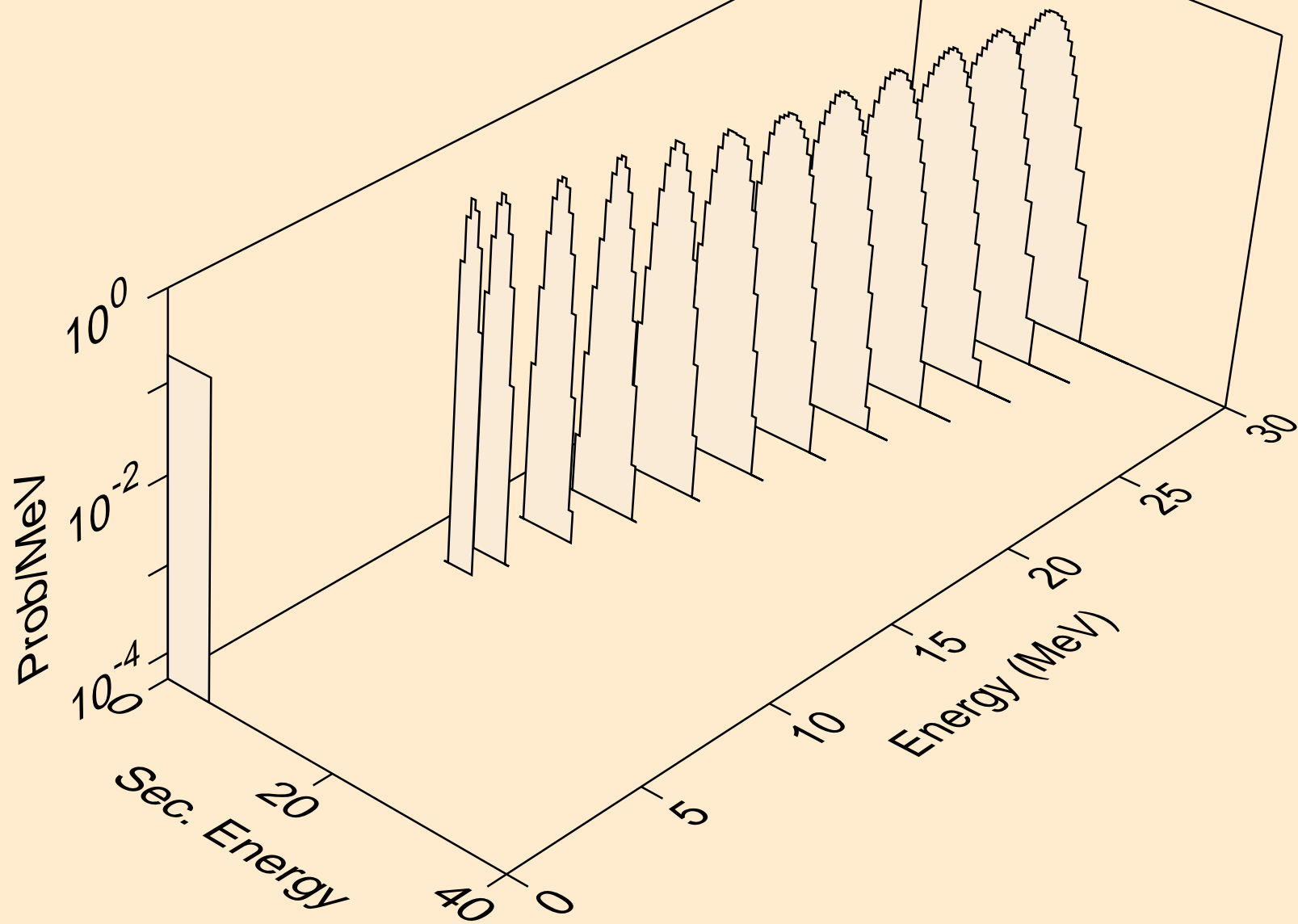
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



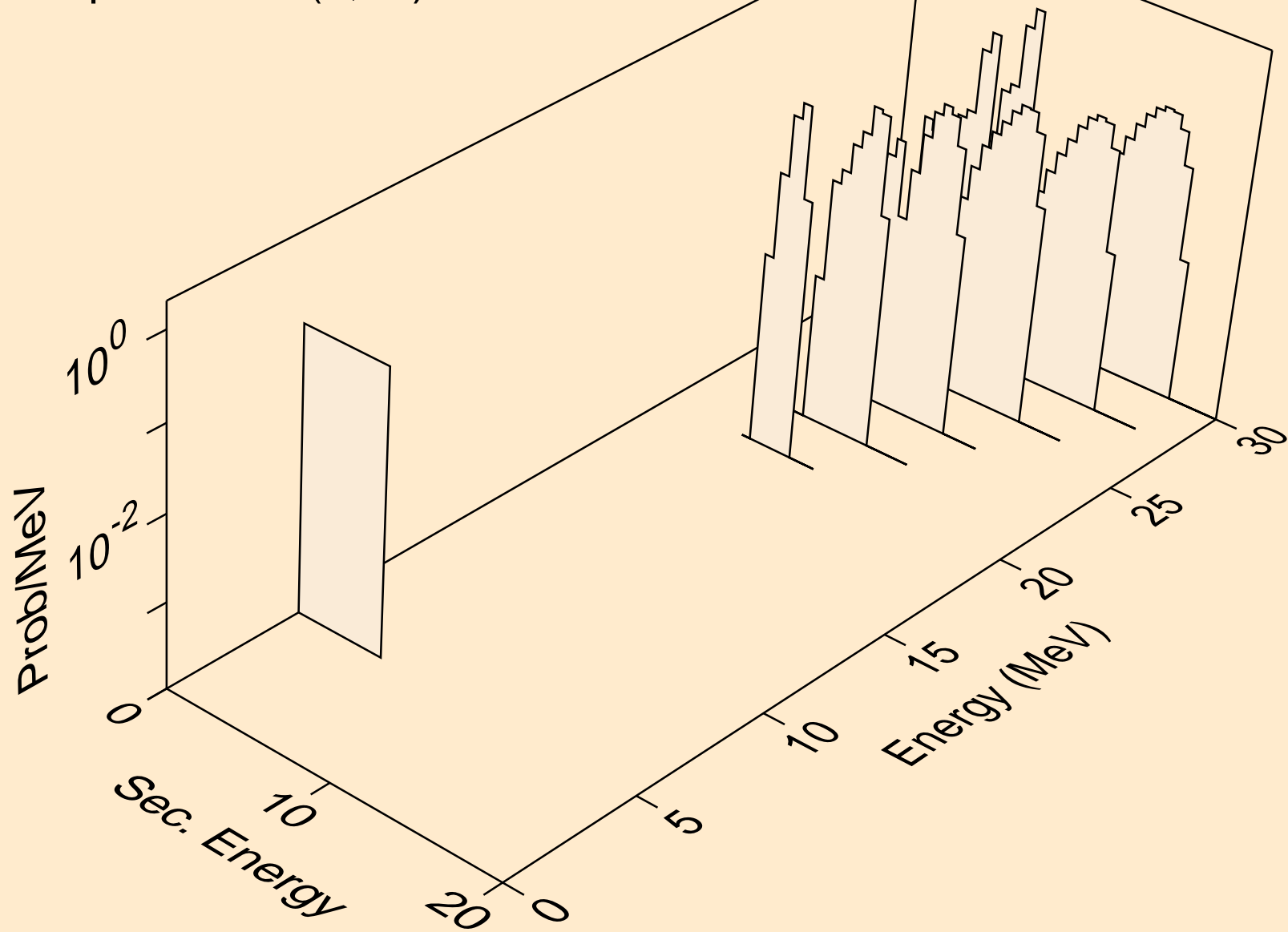
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



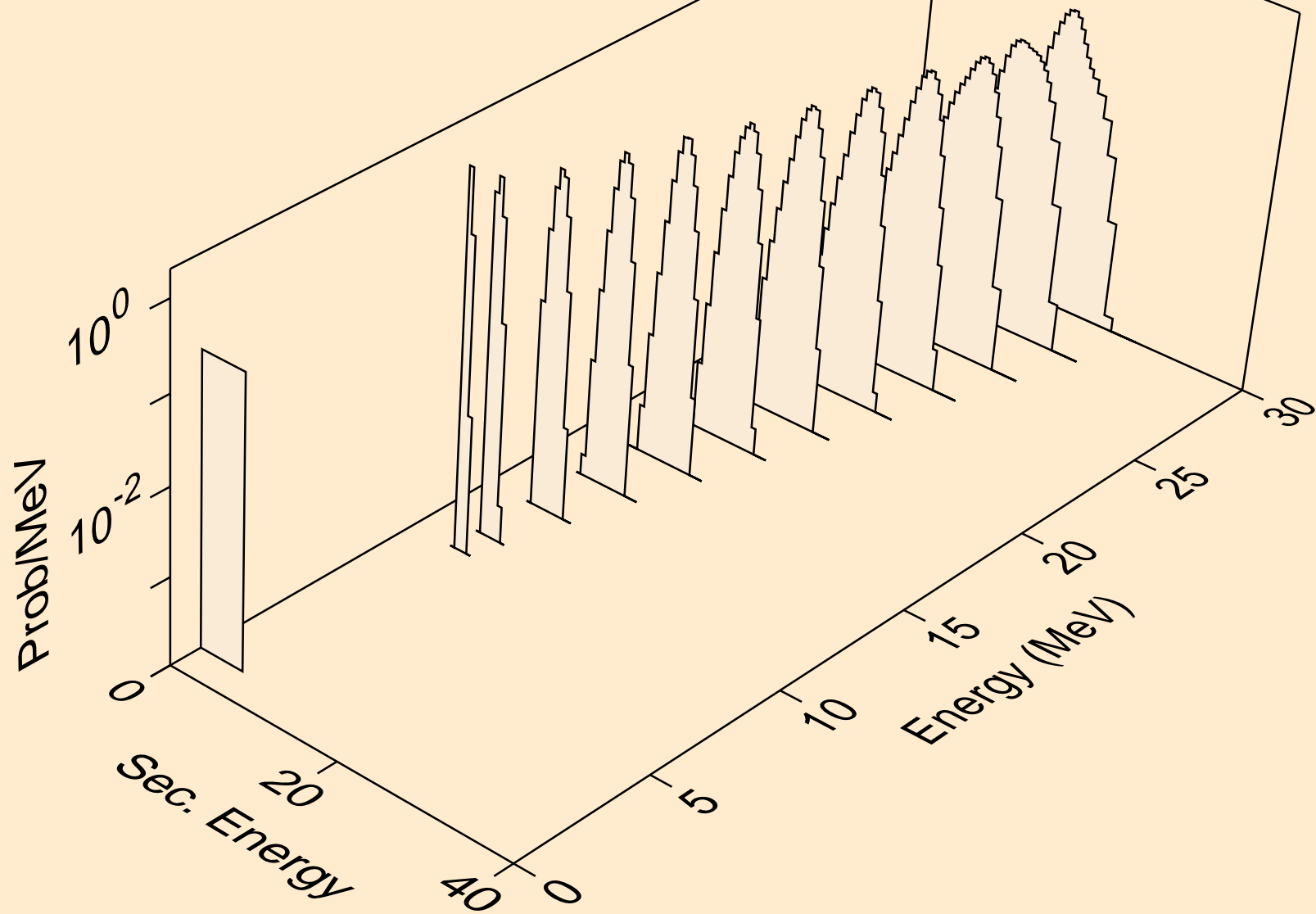
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



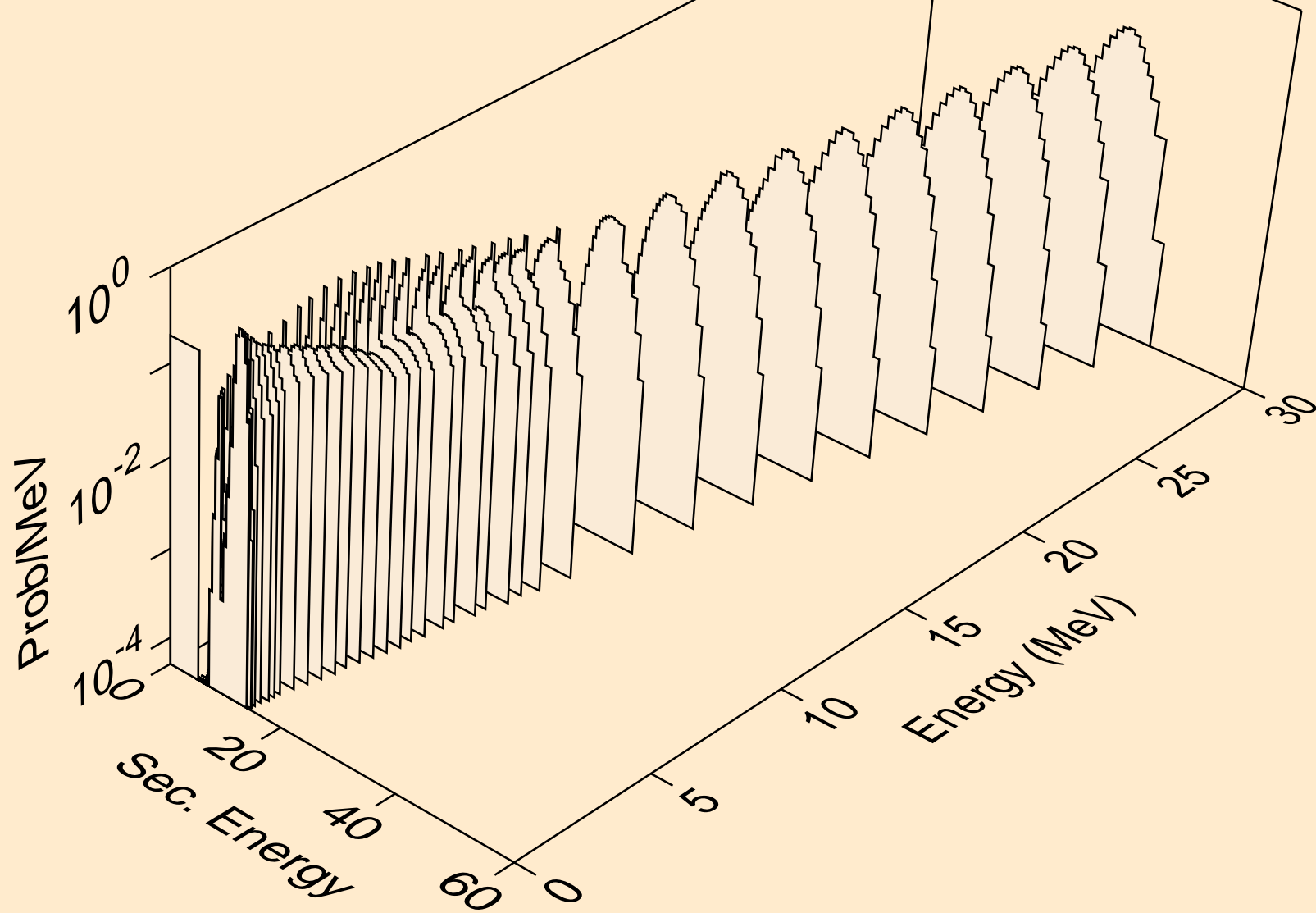
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



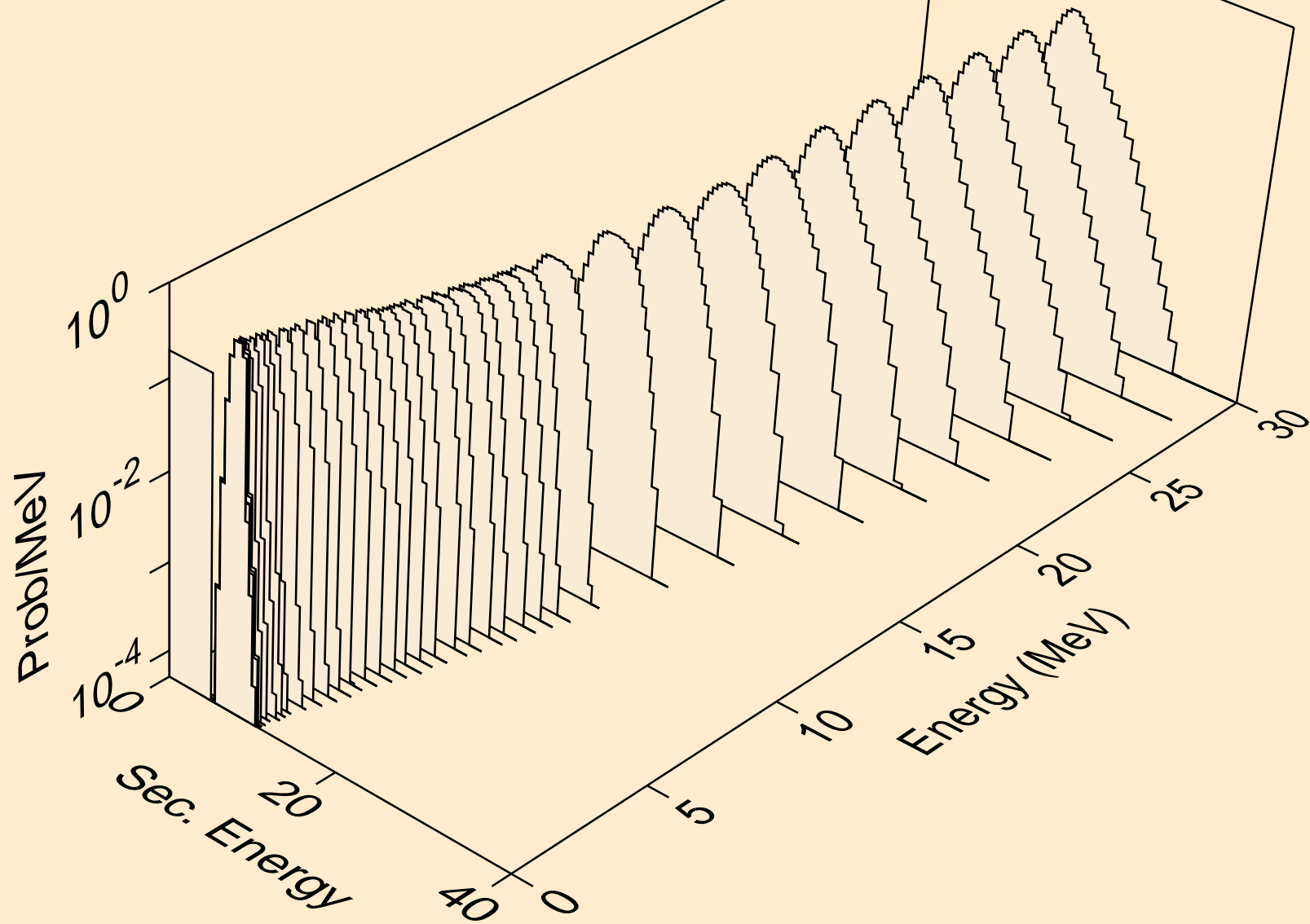
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



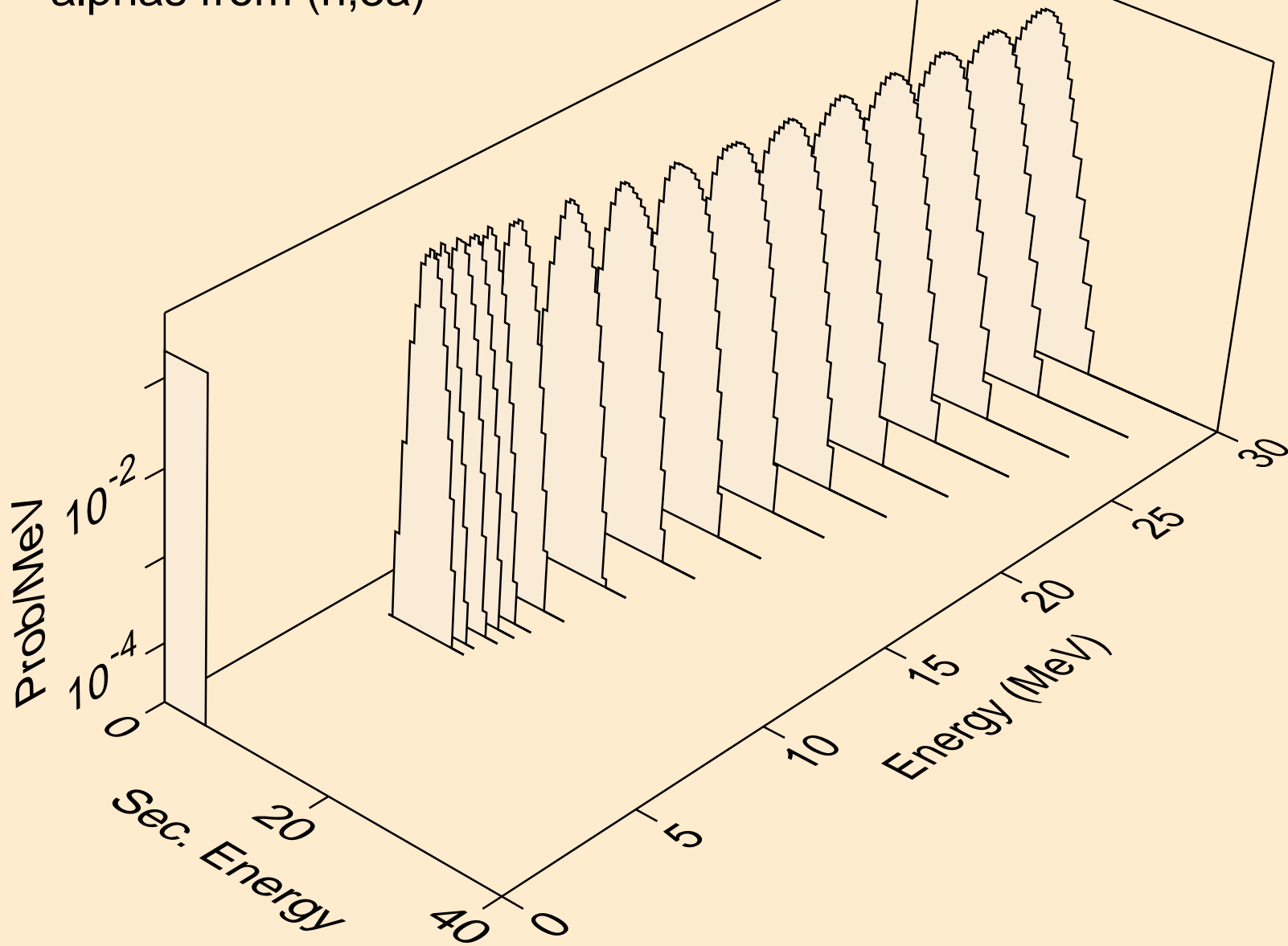
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



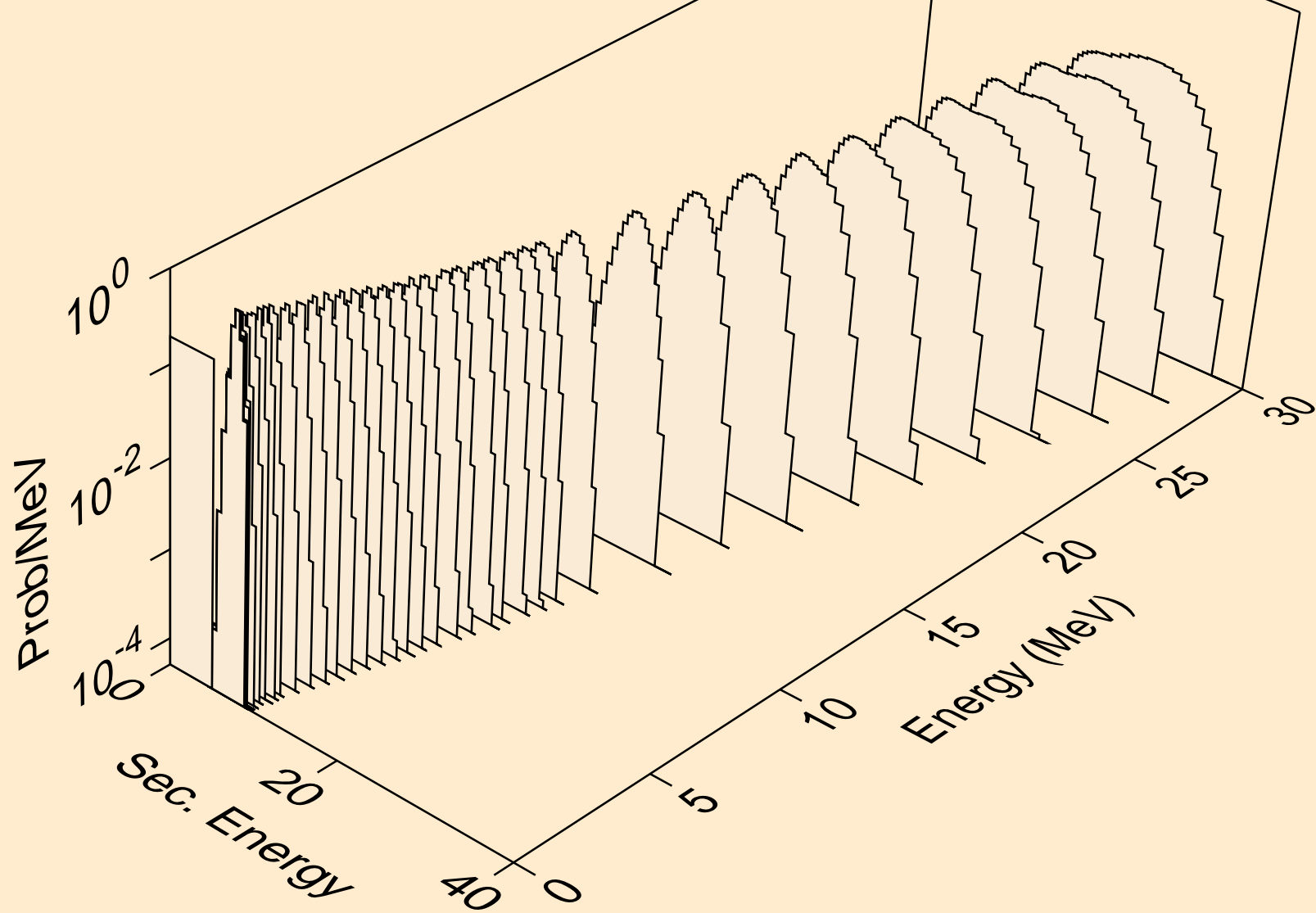
ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,p)



ER149 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

