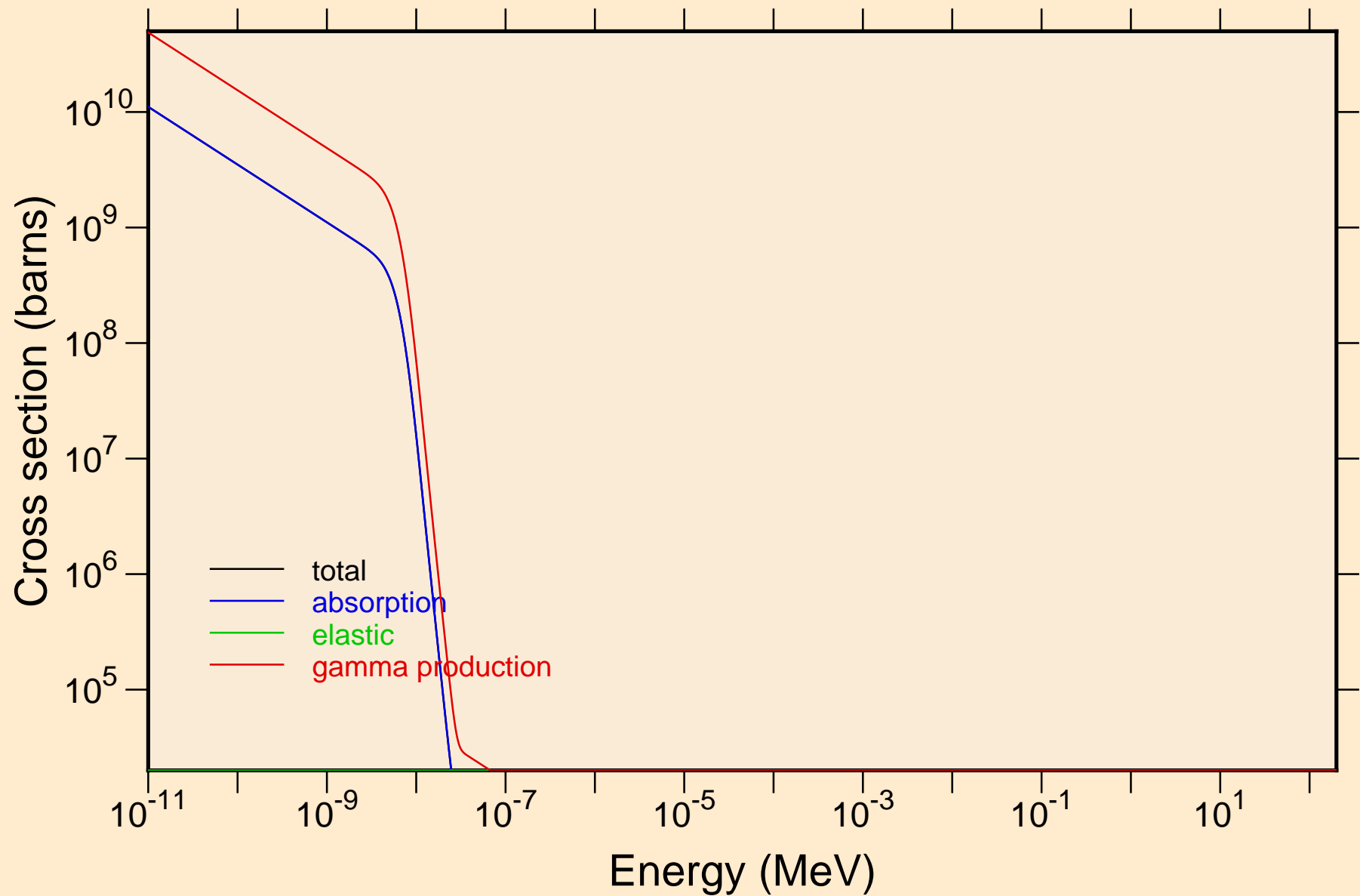
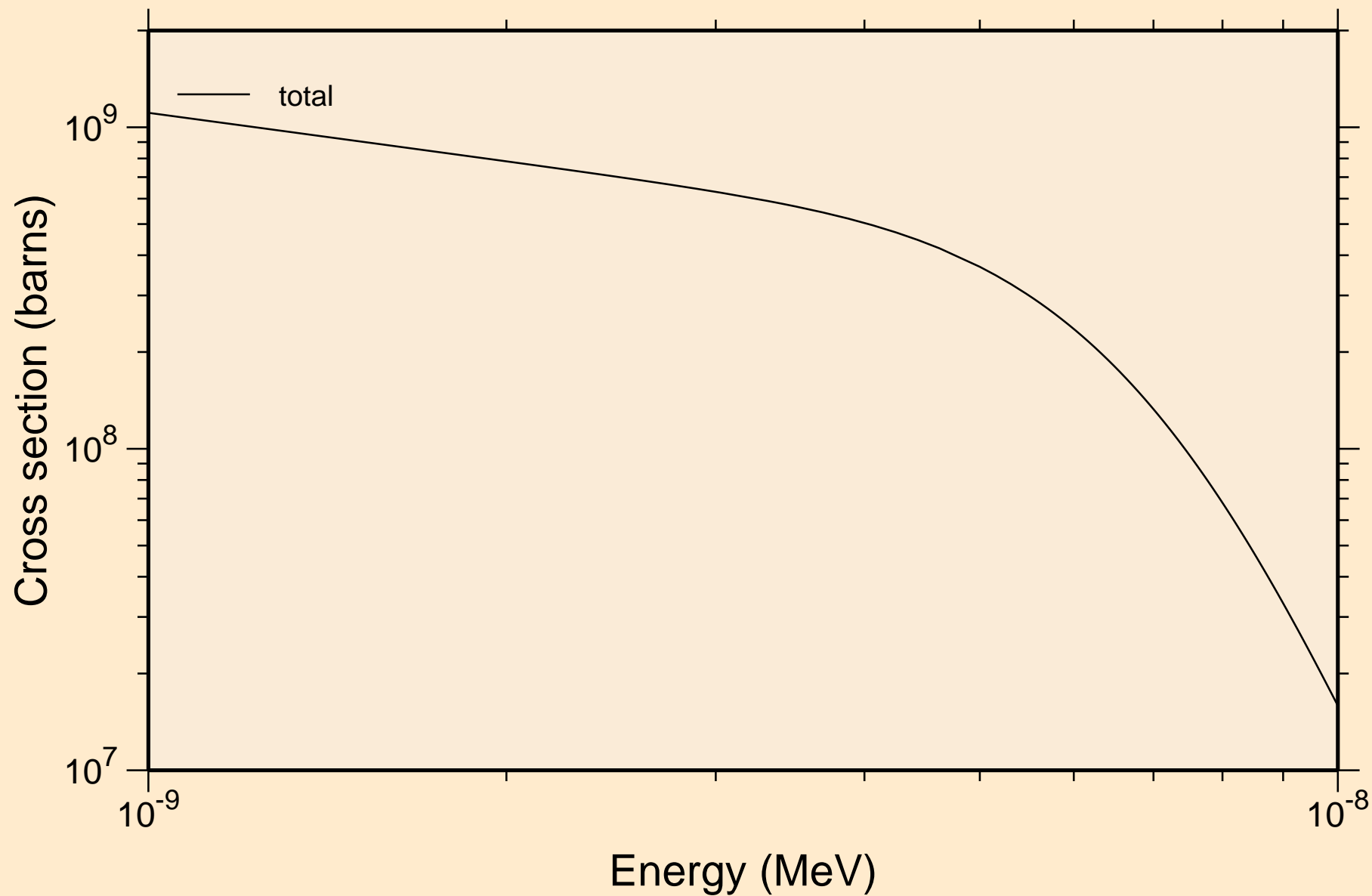


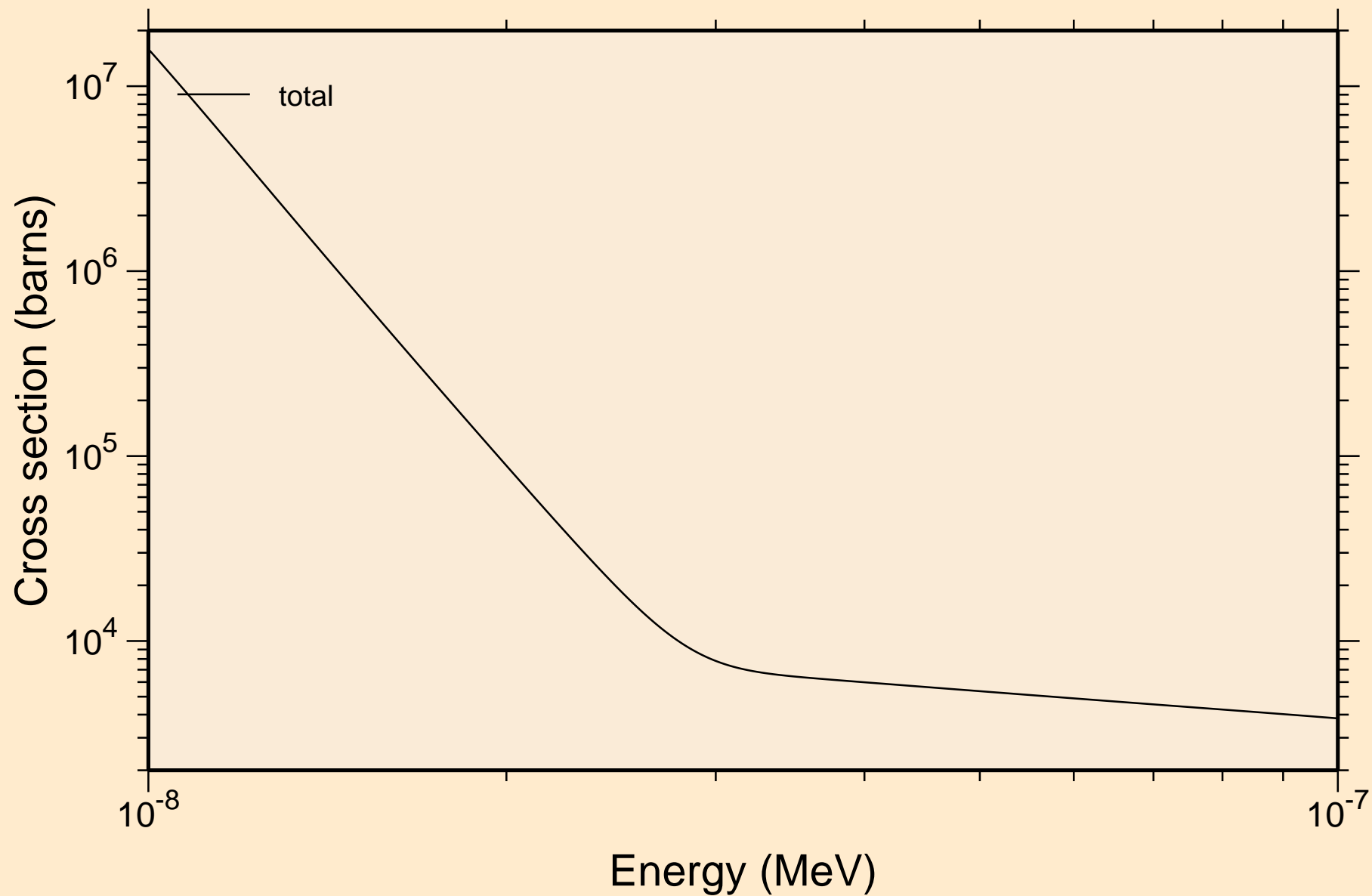
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



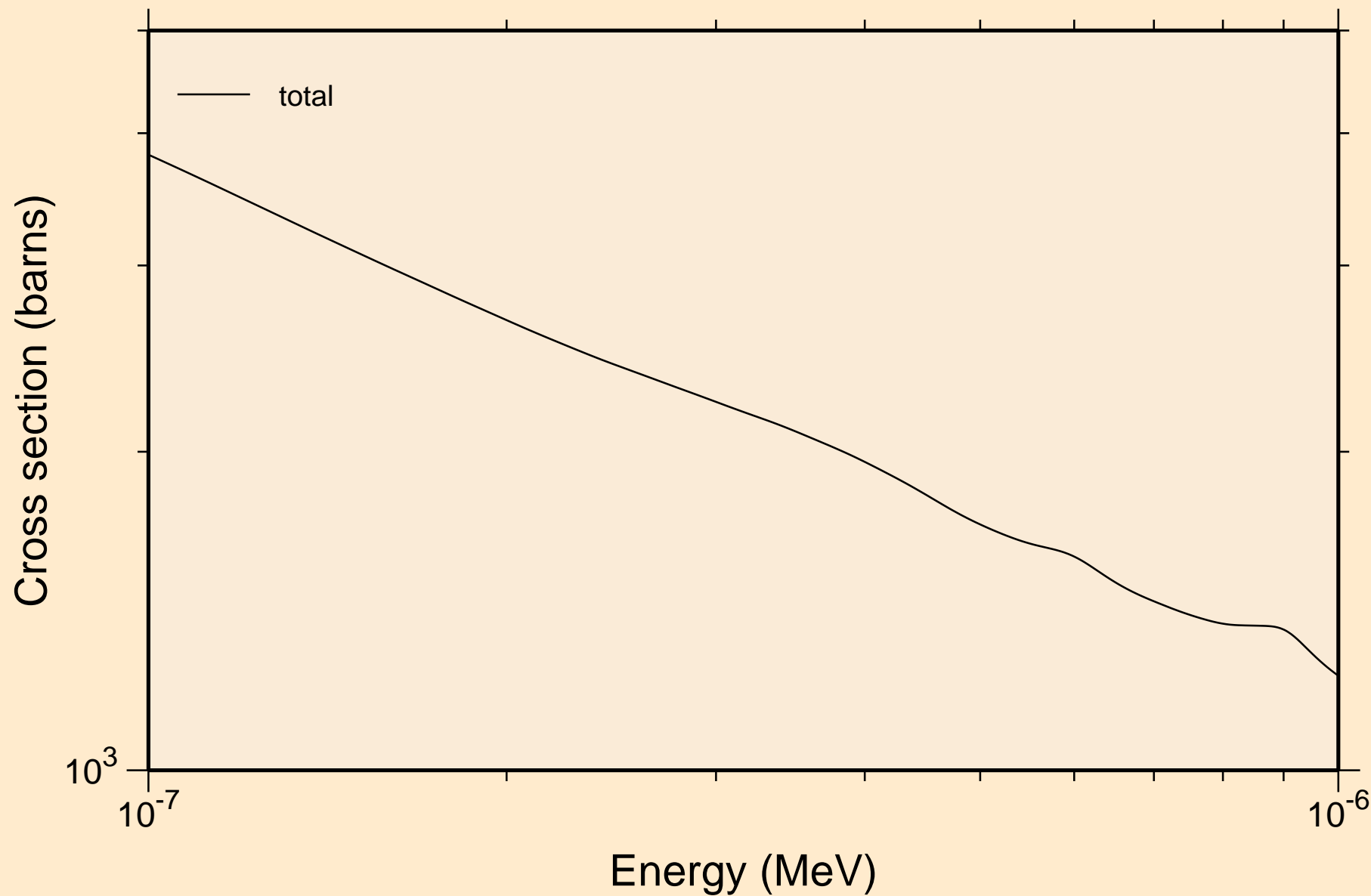
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



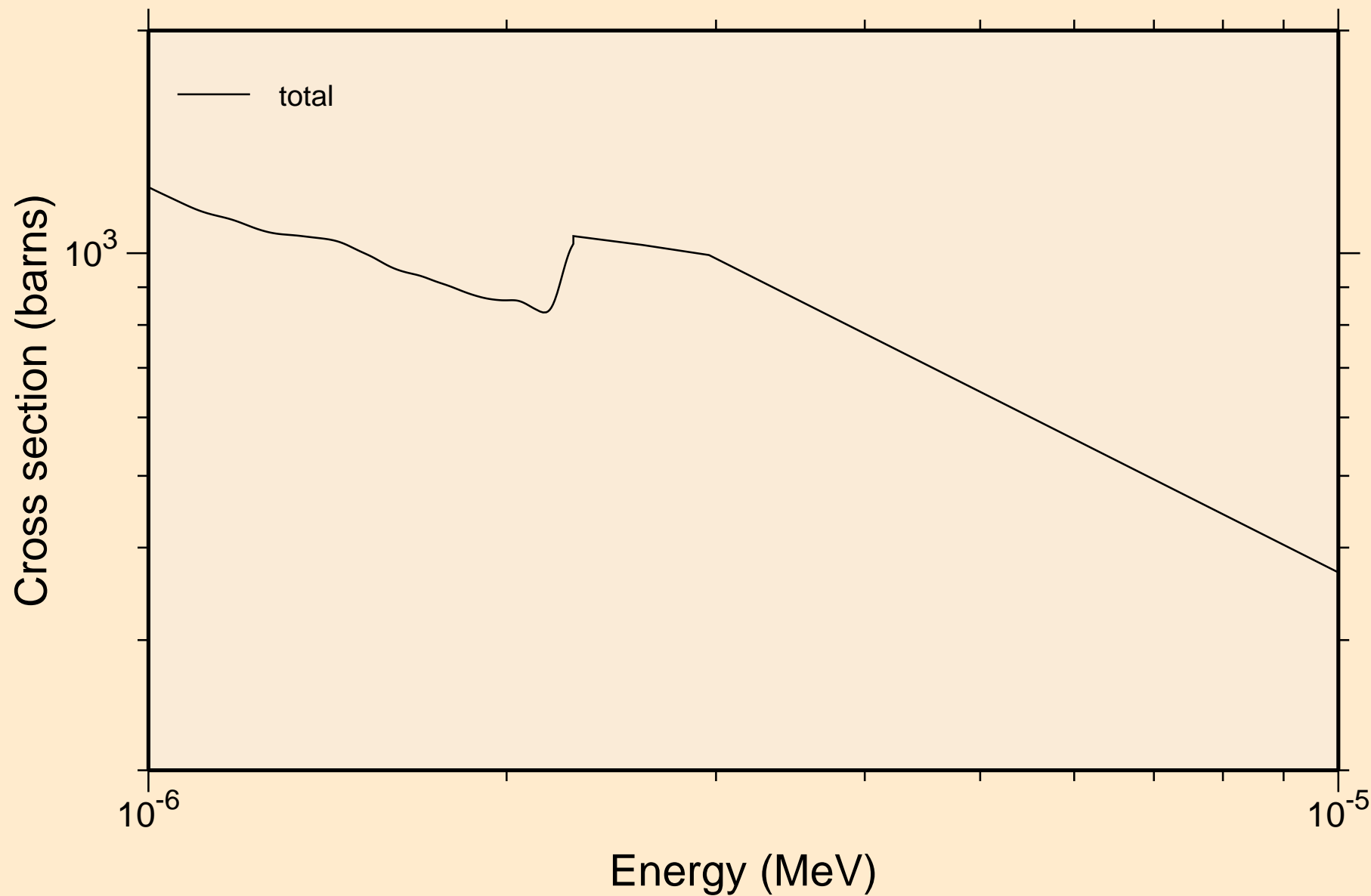
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resonance total cross section



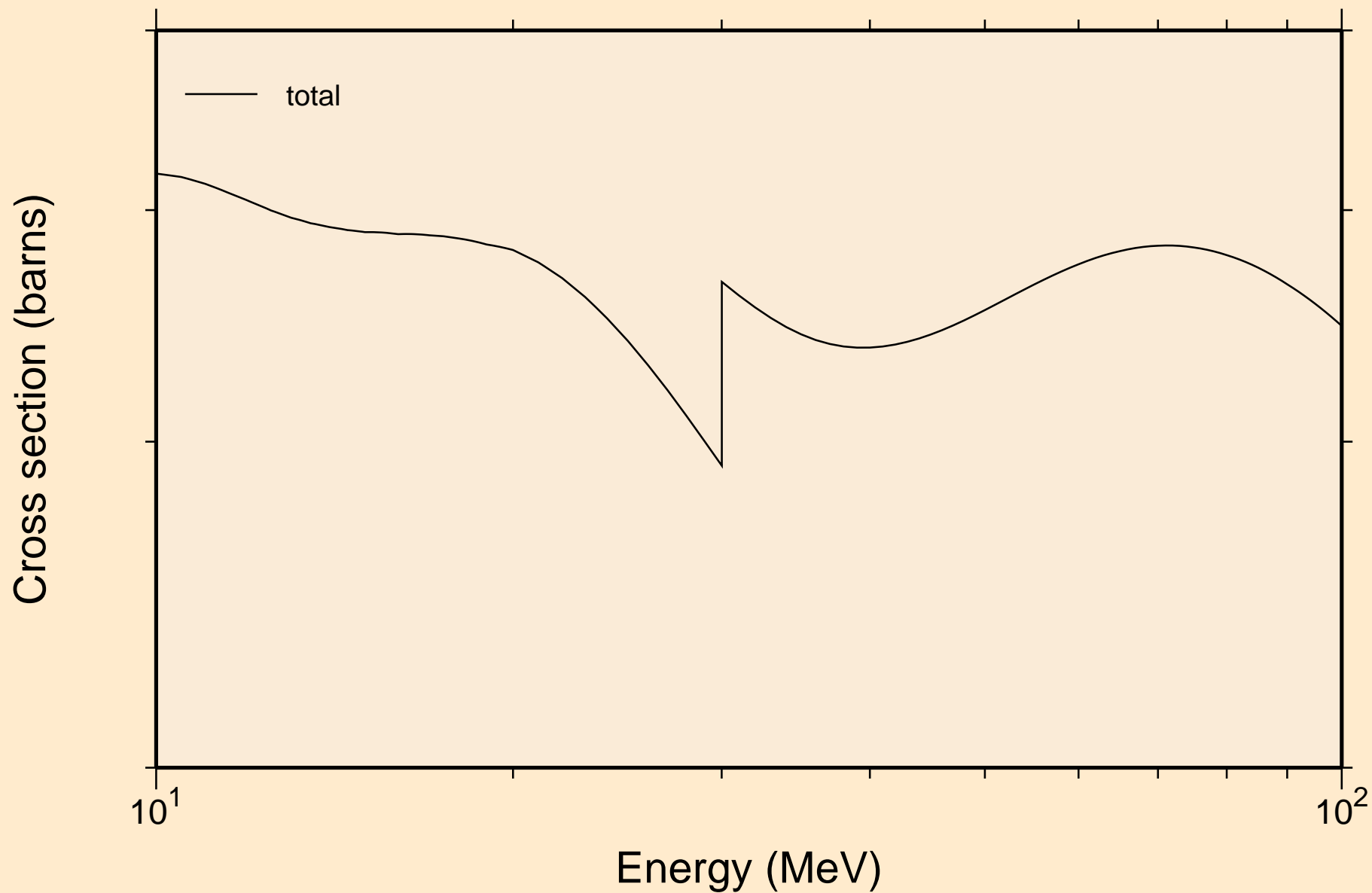
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resonance total cross section



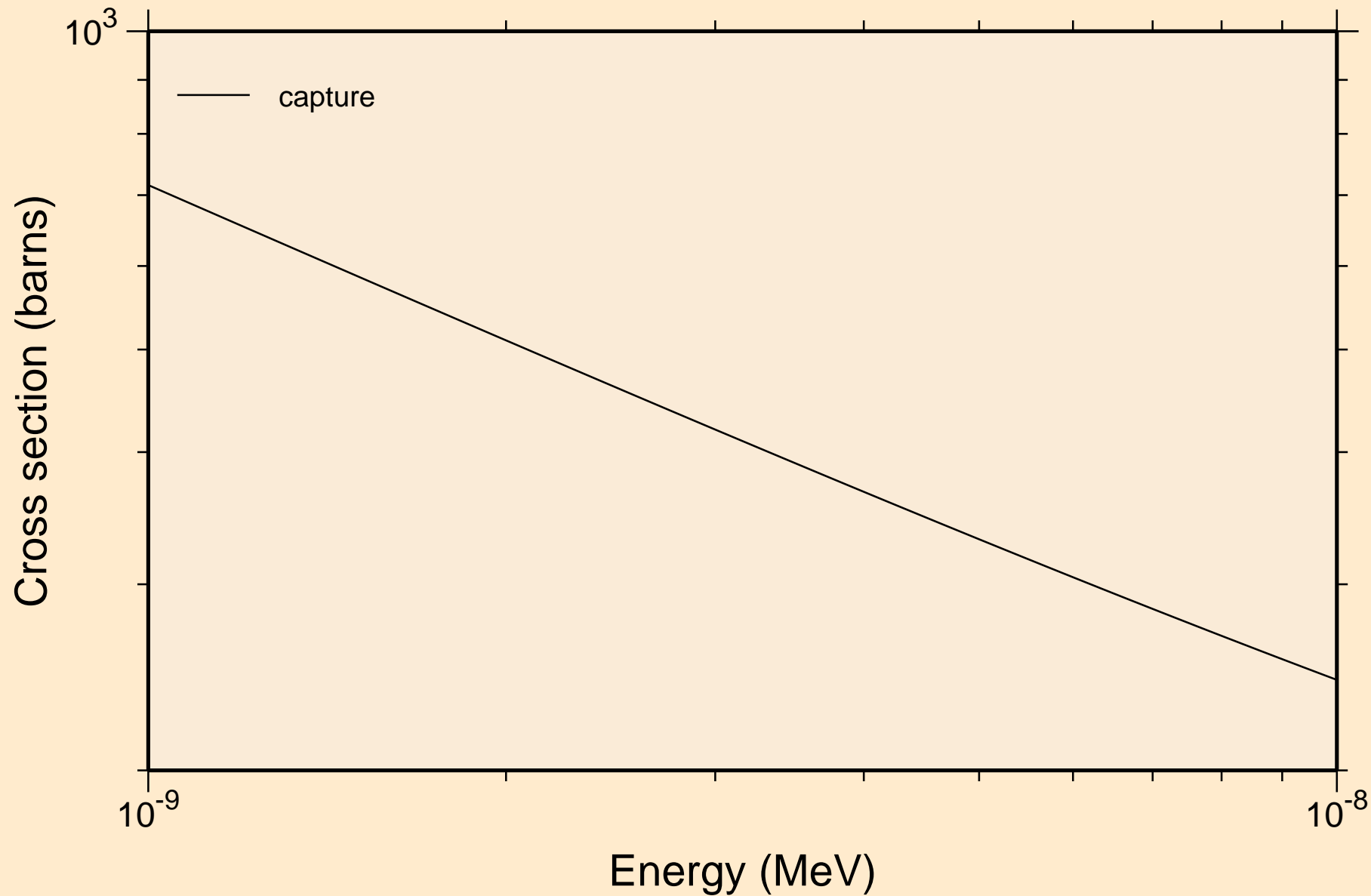
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



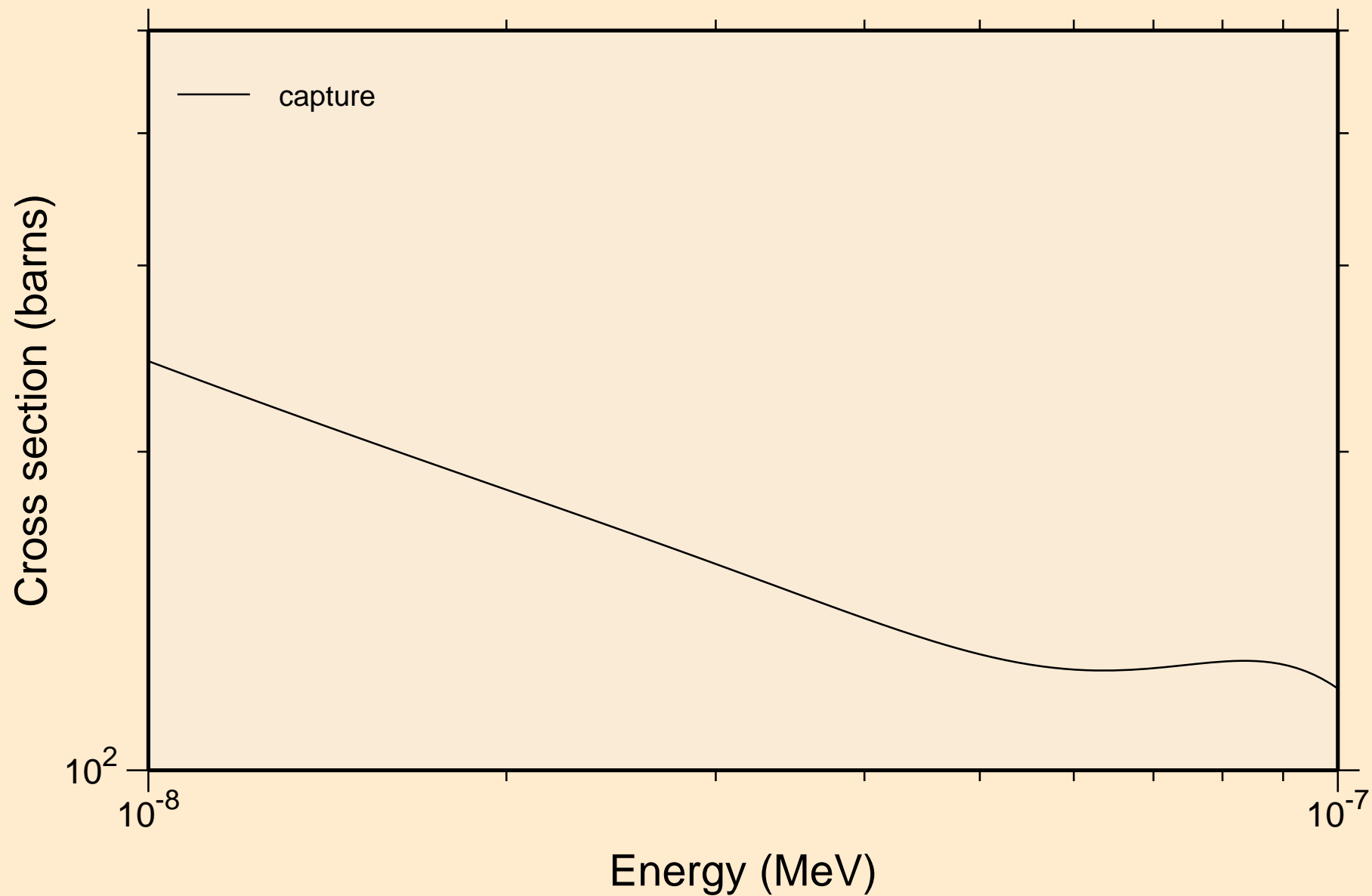
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resonance total cross section



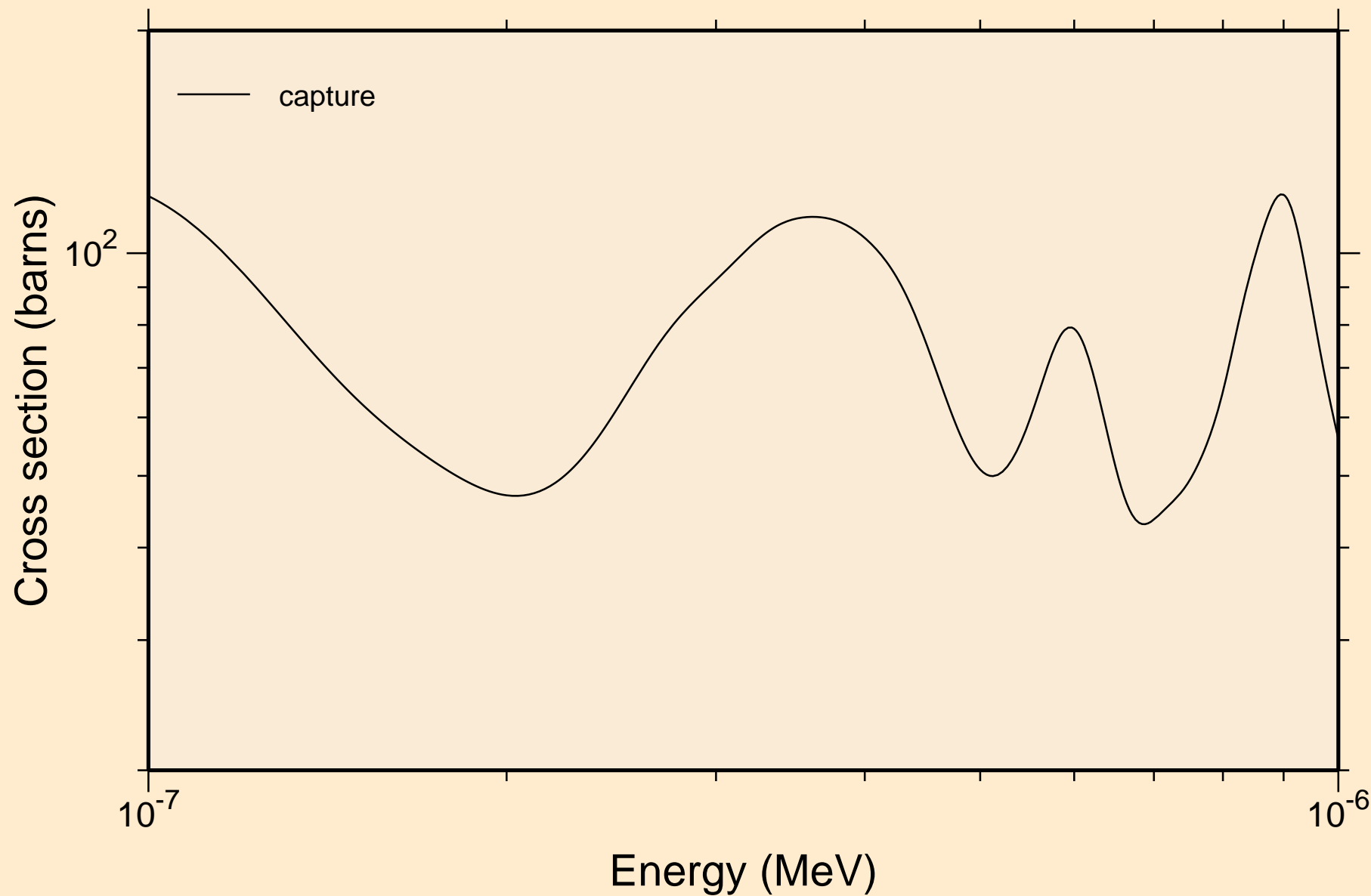
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



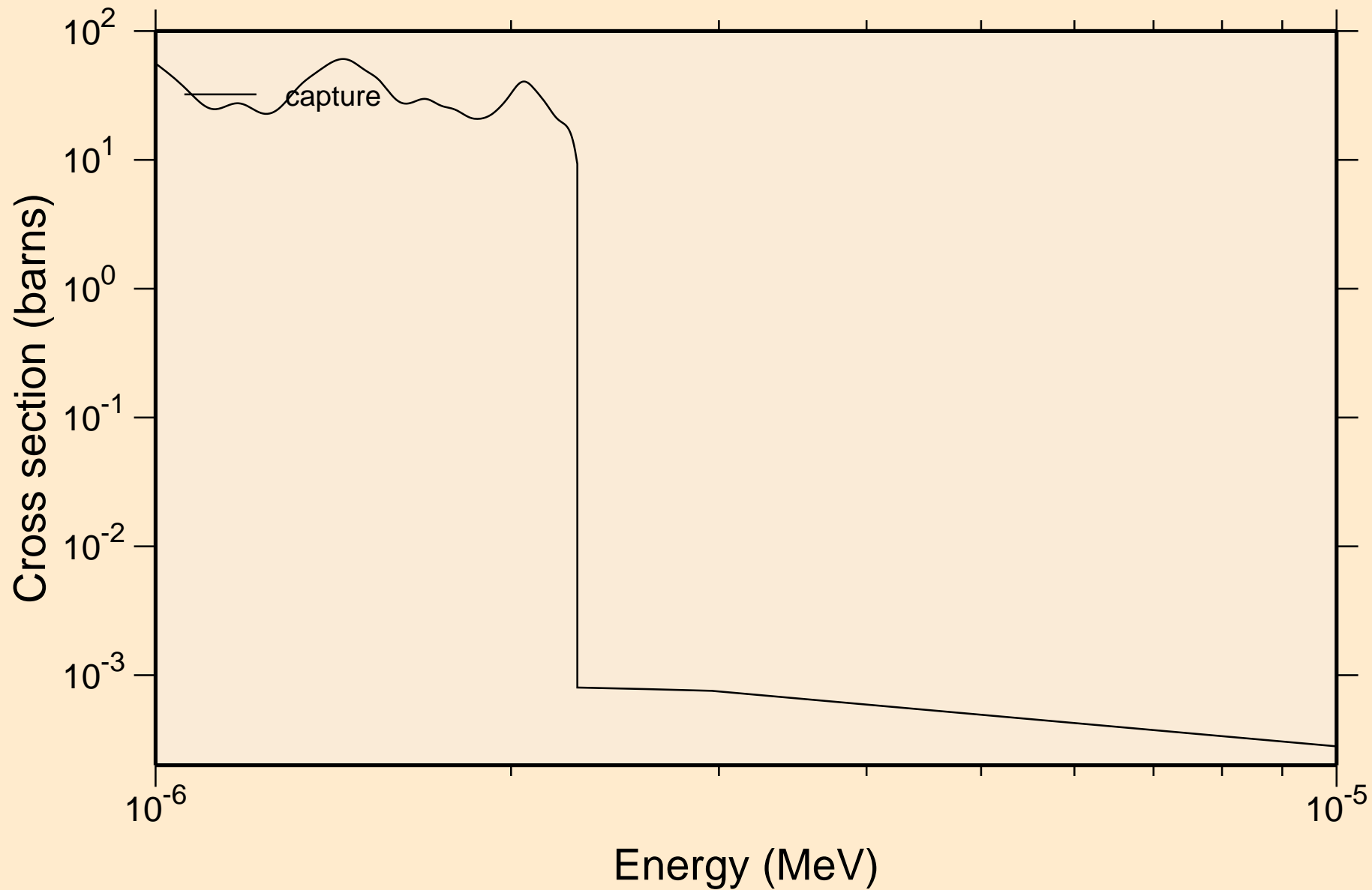
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



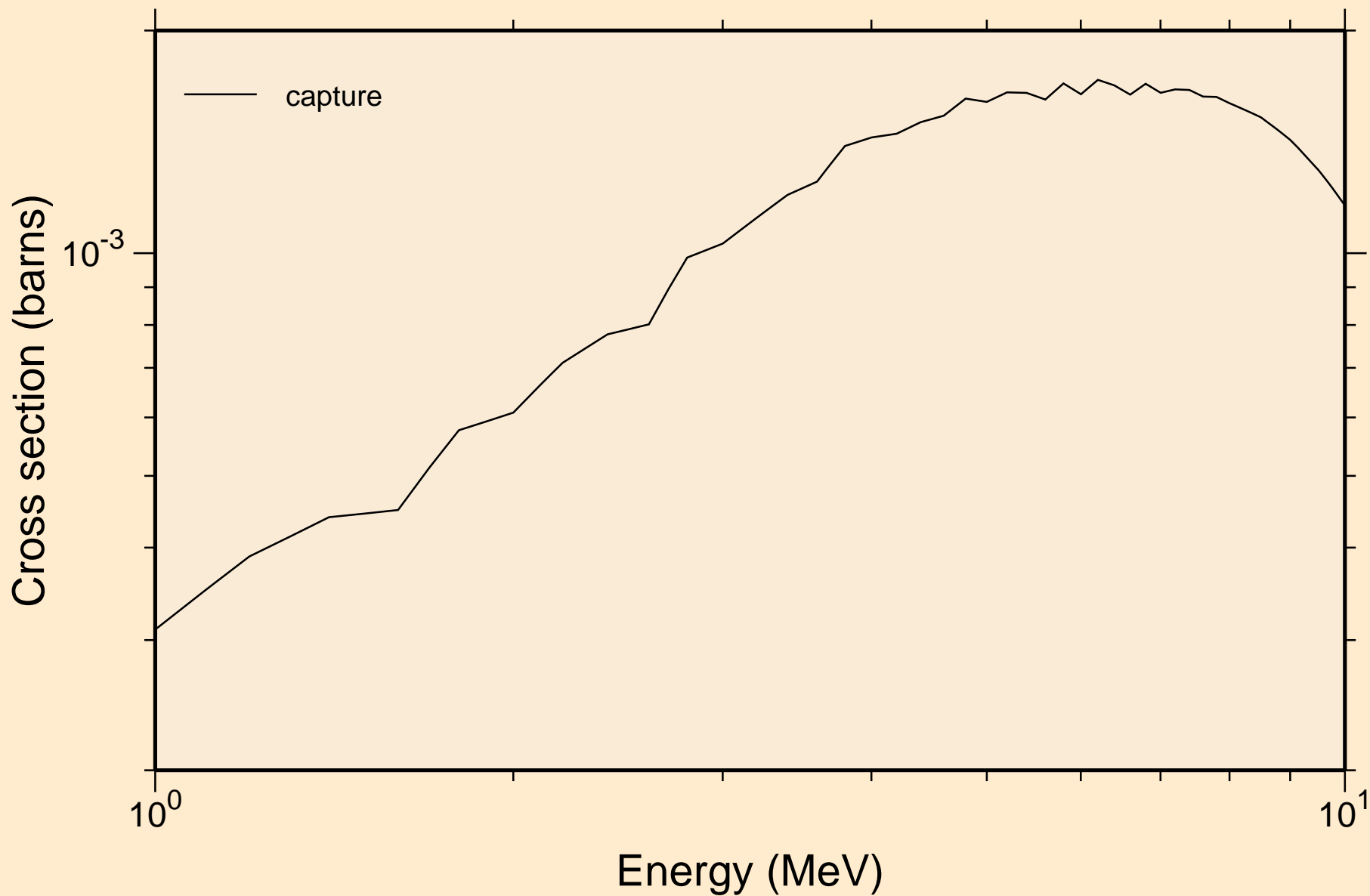
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resonance absorption cross sections



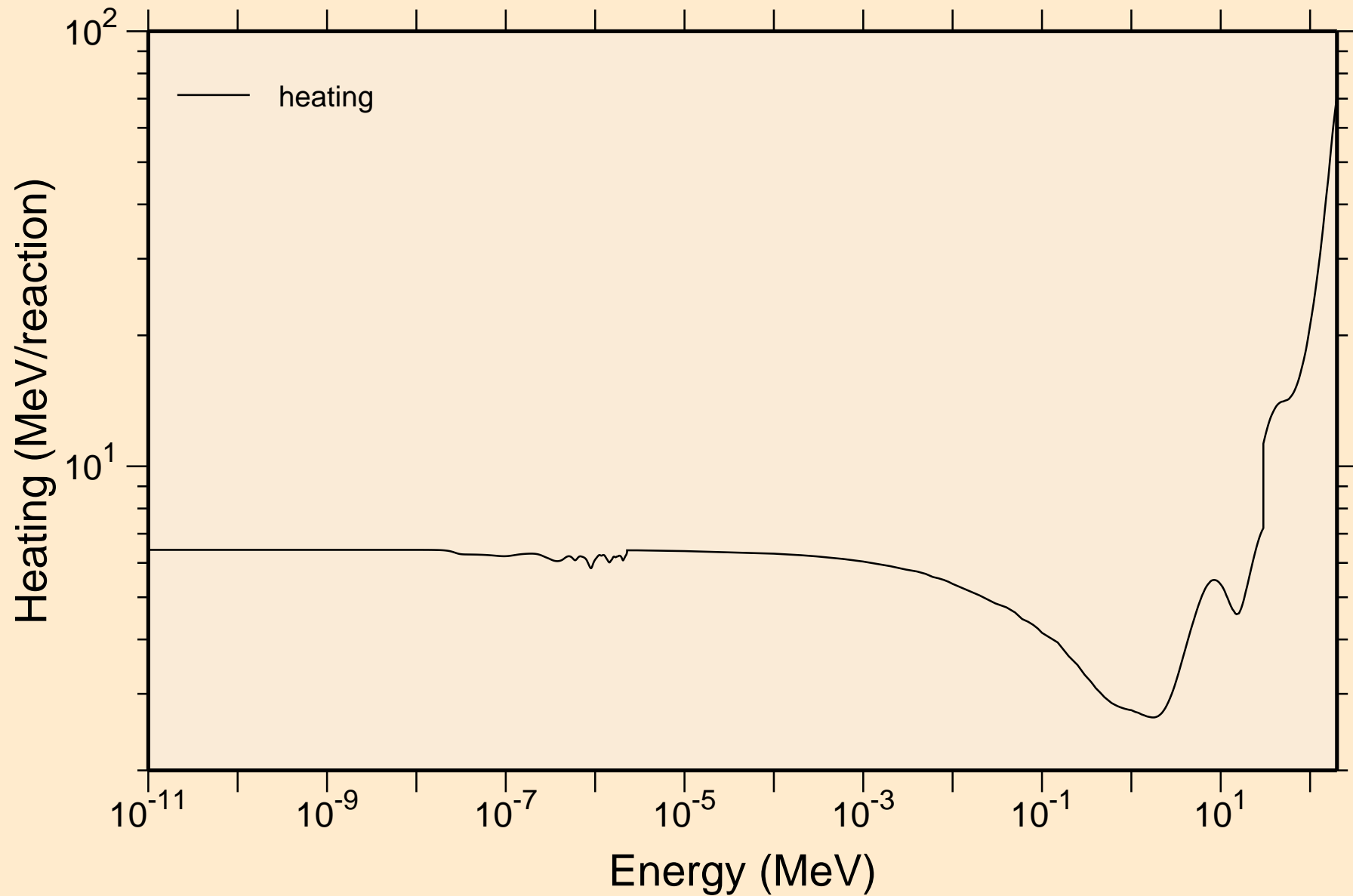
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resonance absorption cross sections



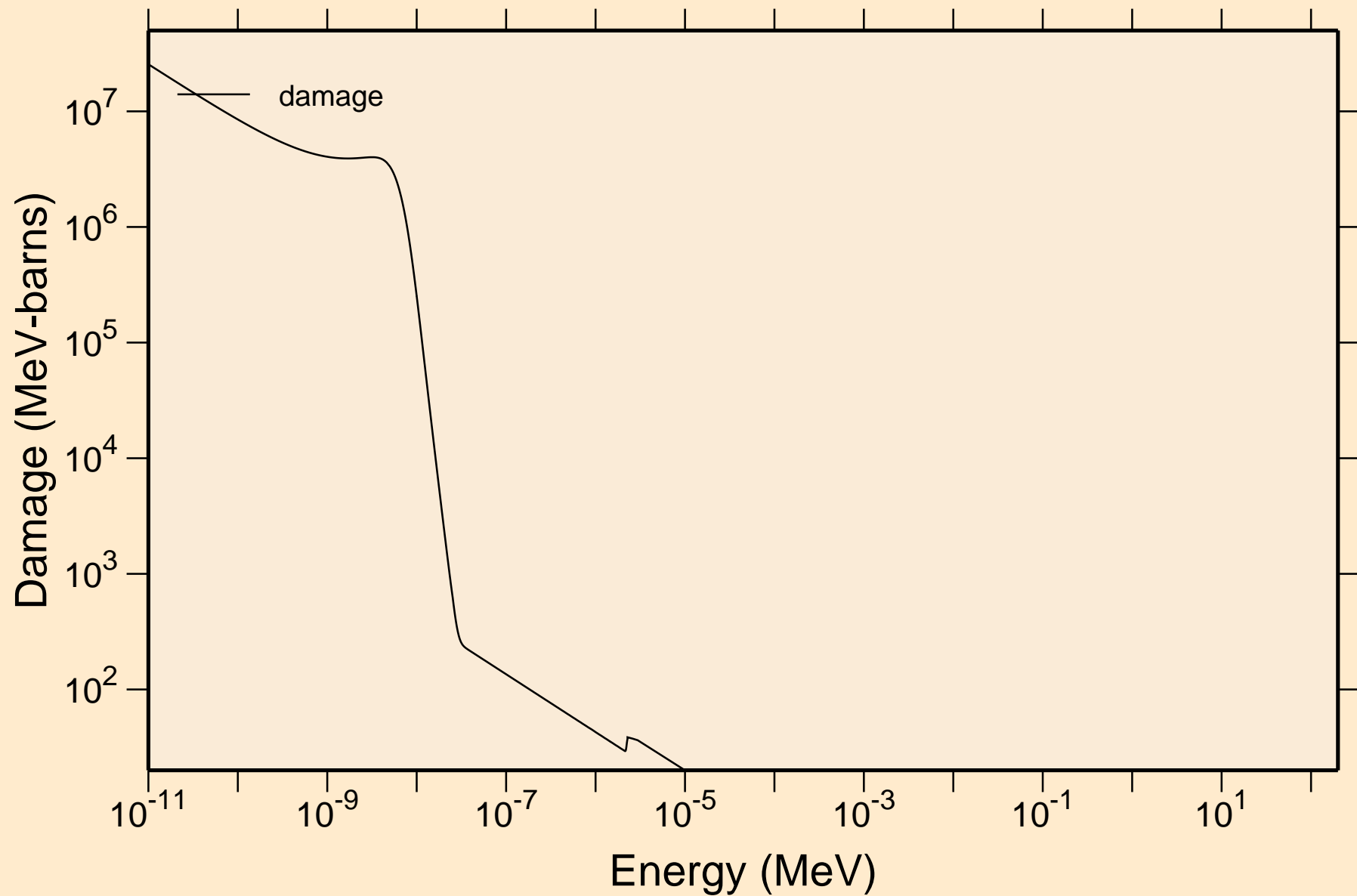
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



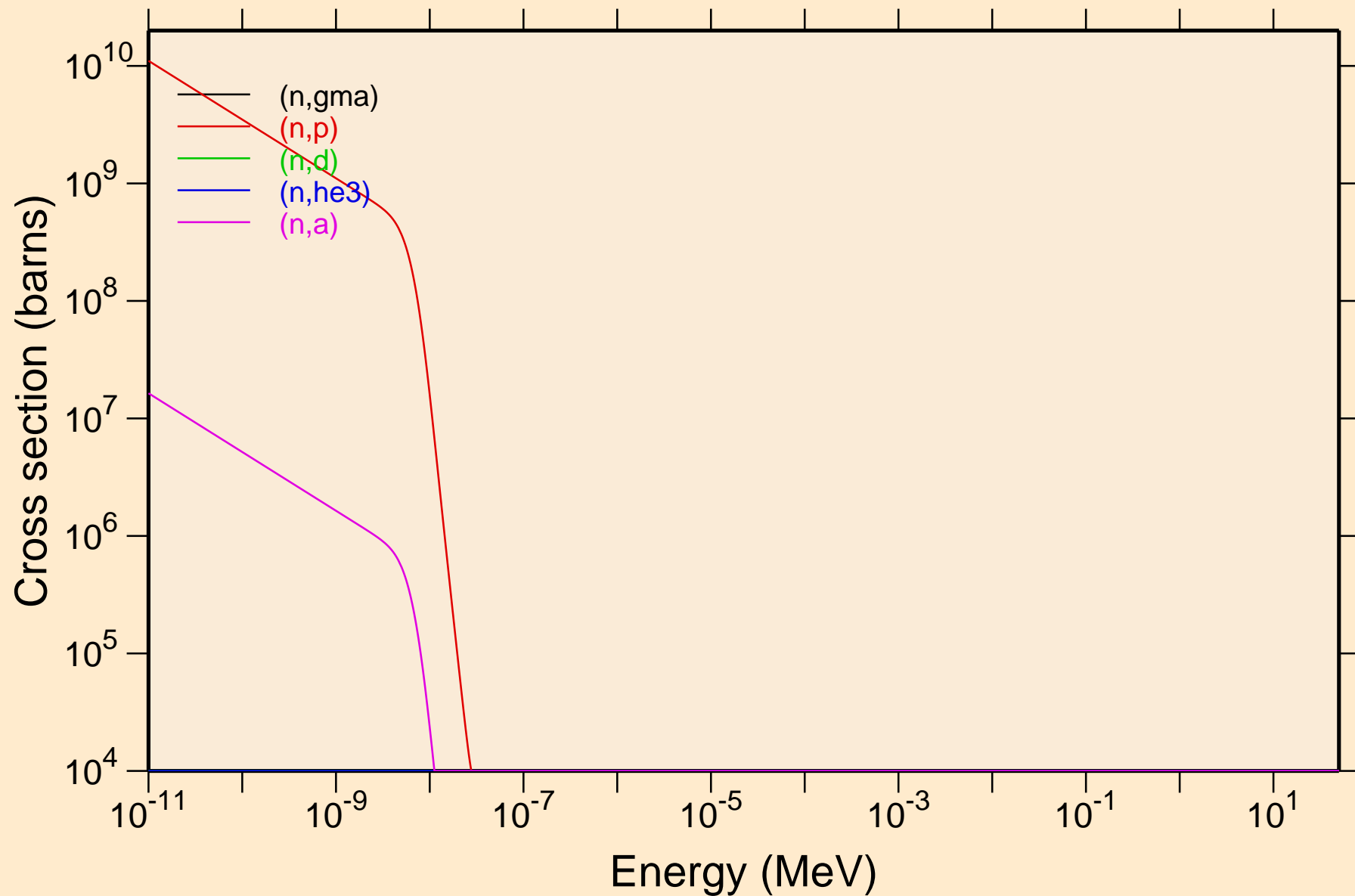
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



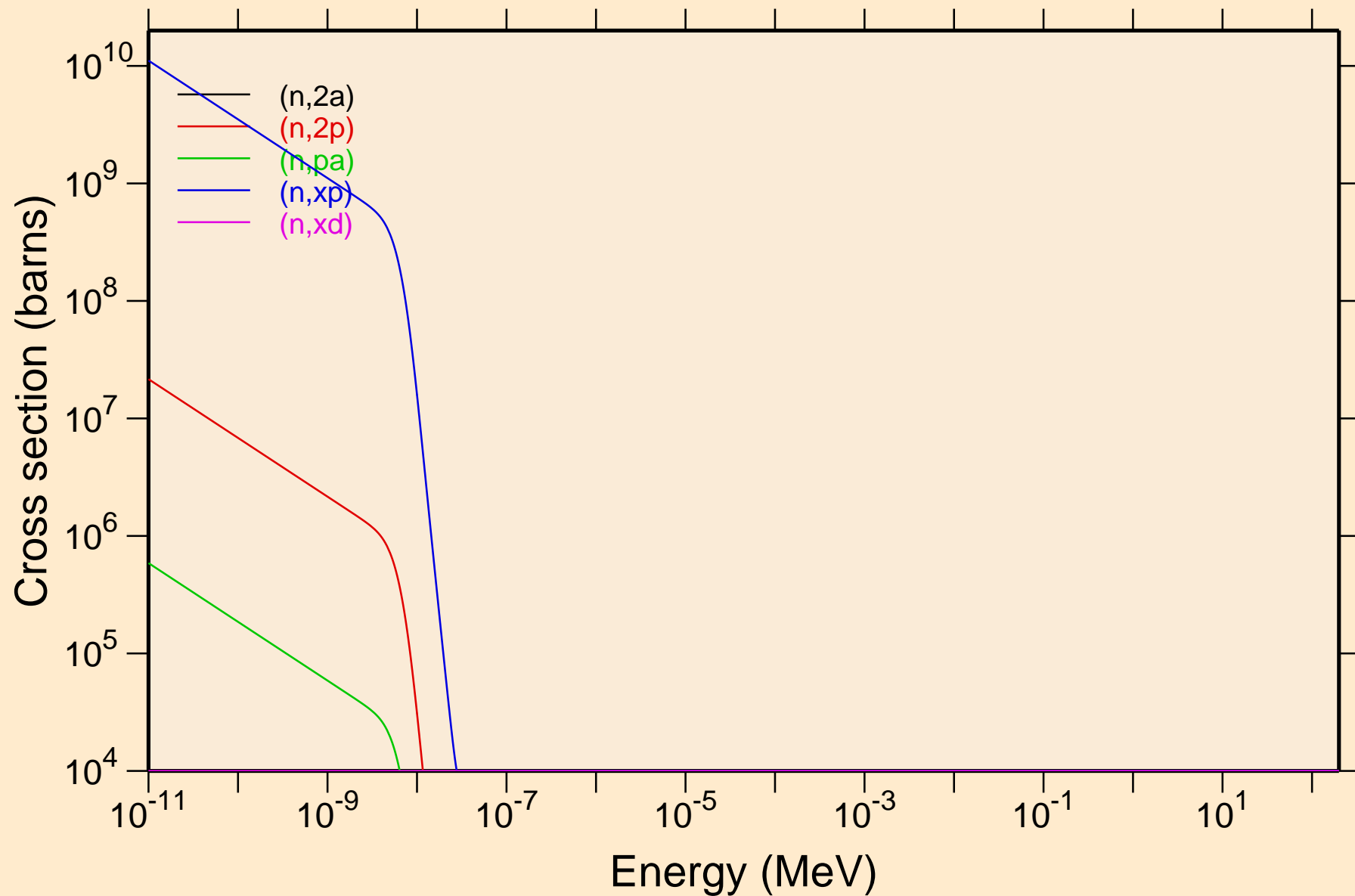
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Damage



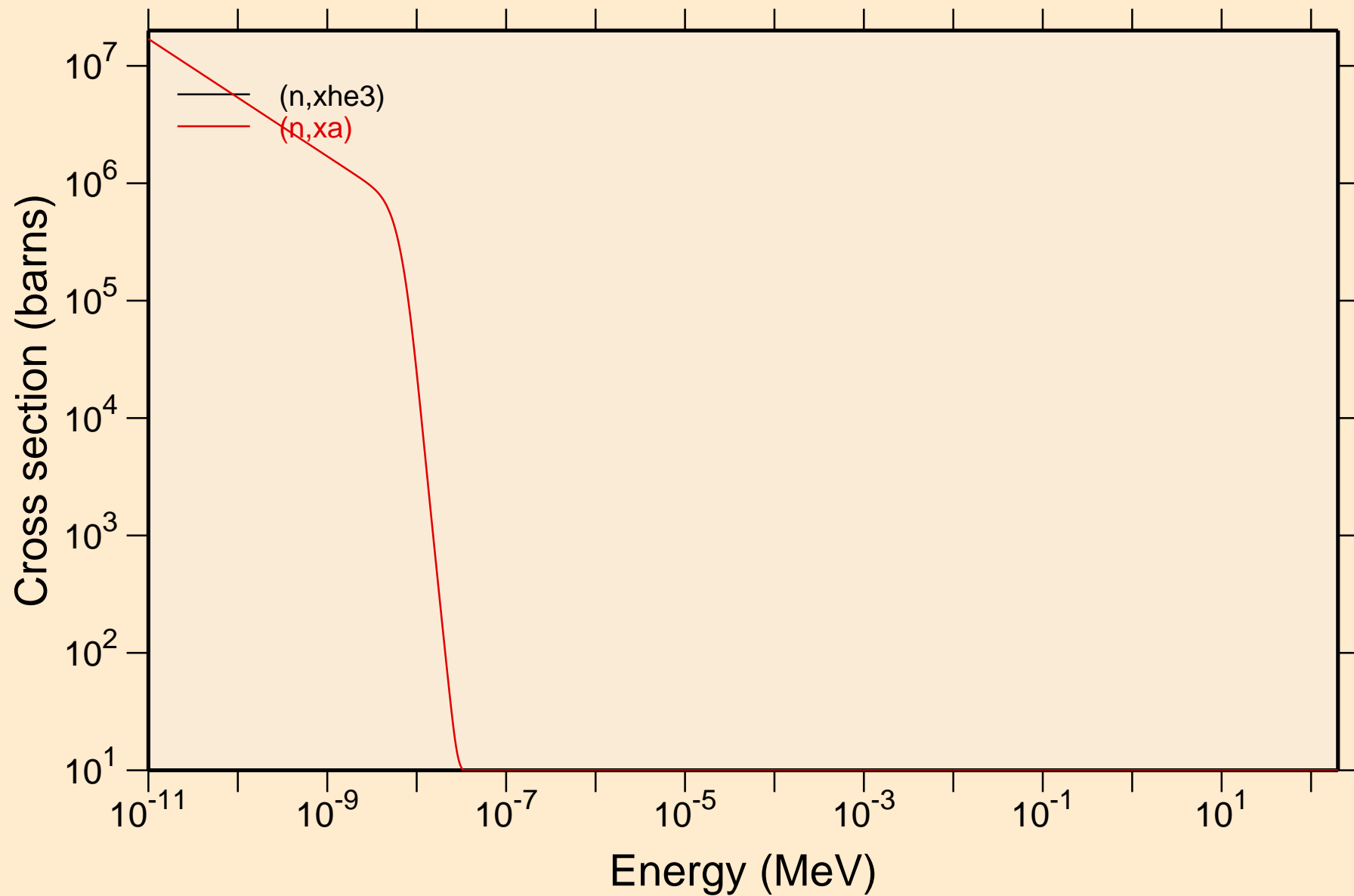
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Non-threshold reactions



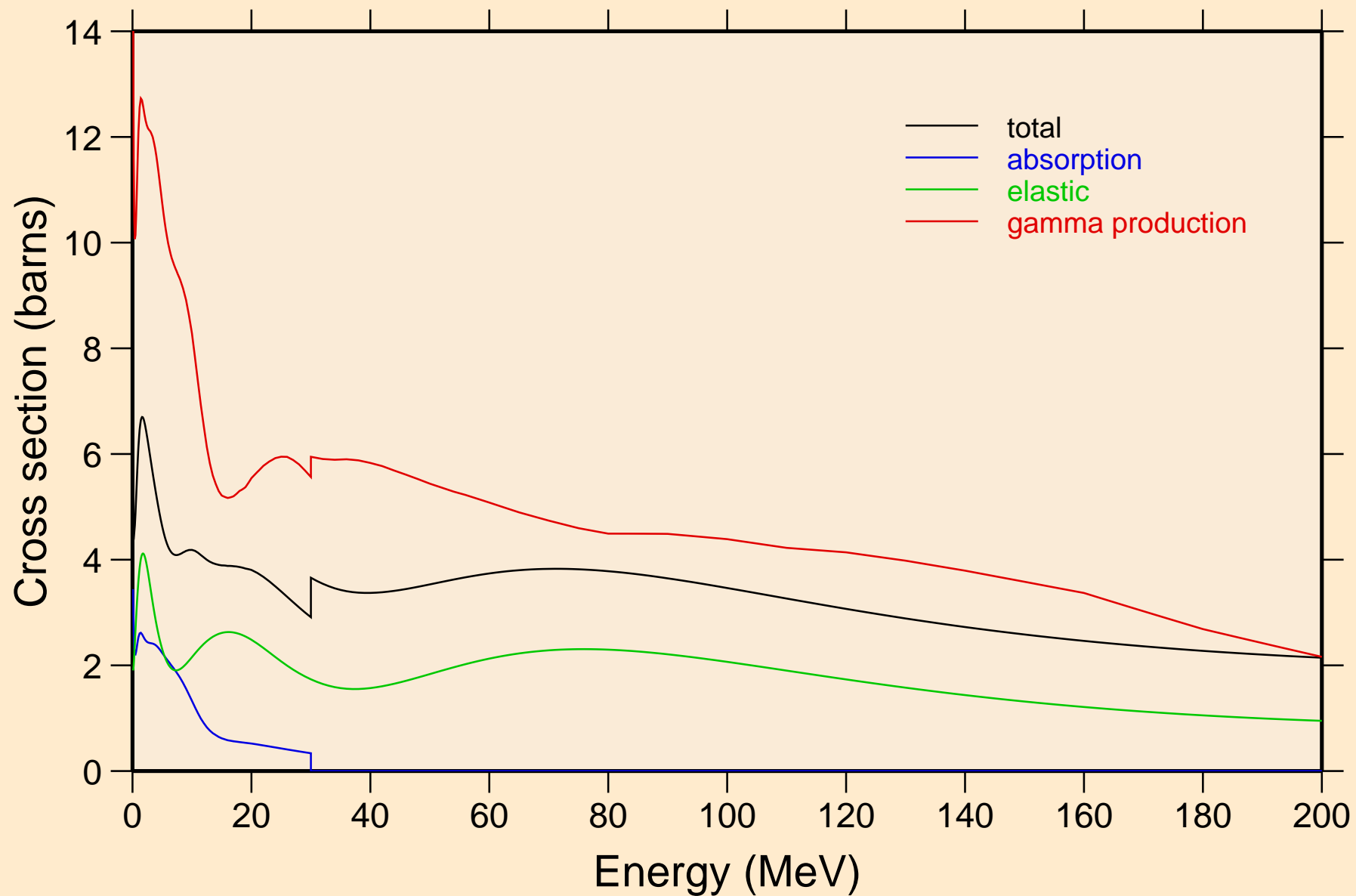
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Non-threshold reactions



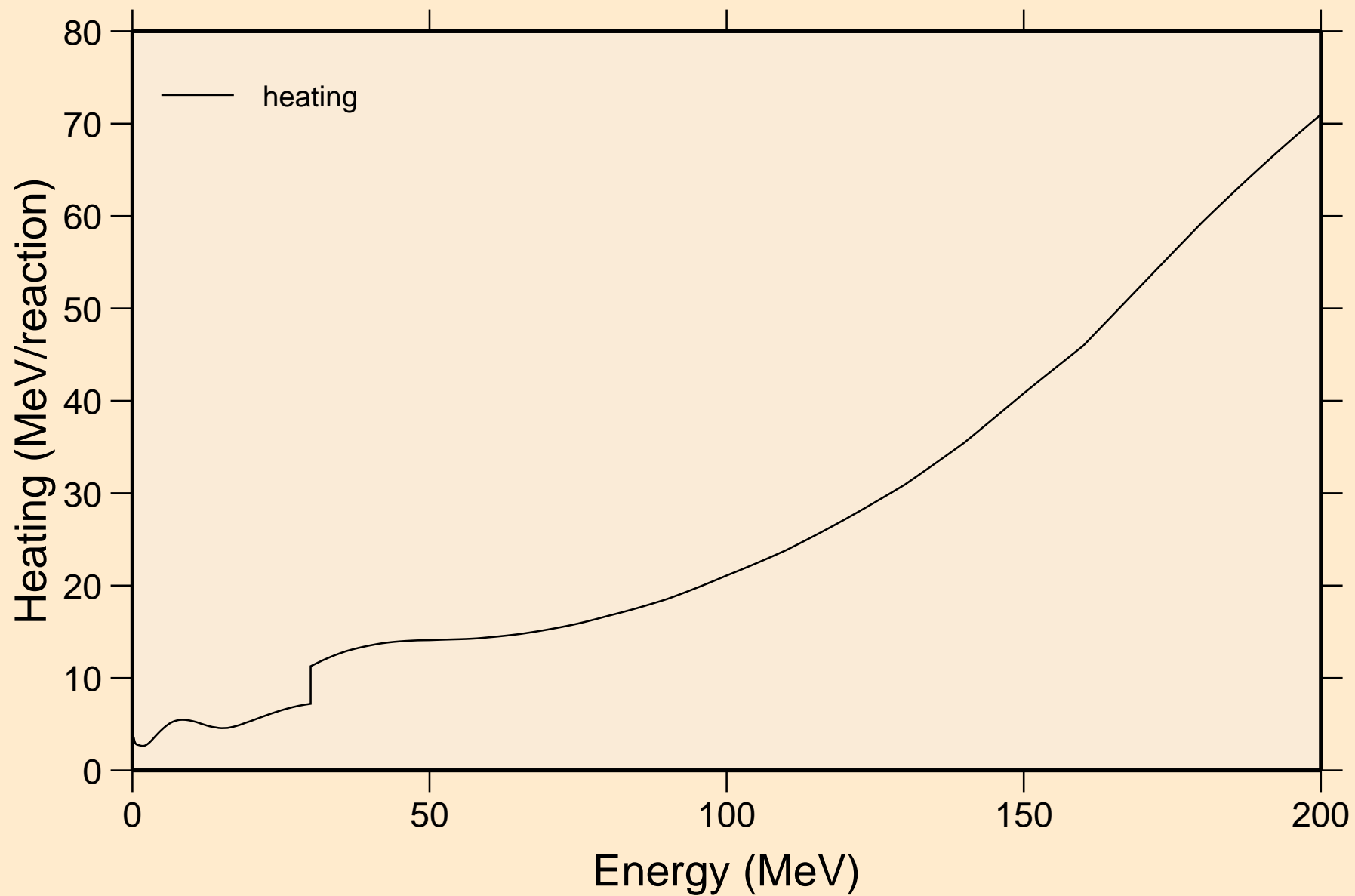
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Non-threshold reactions



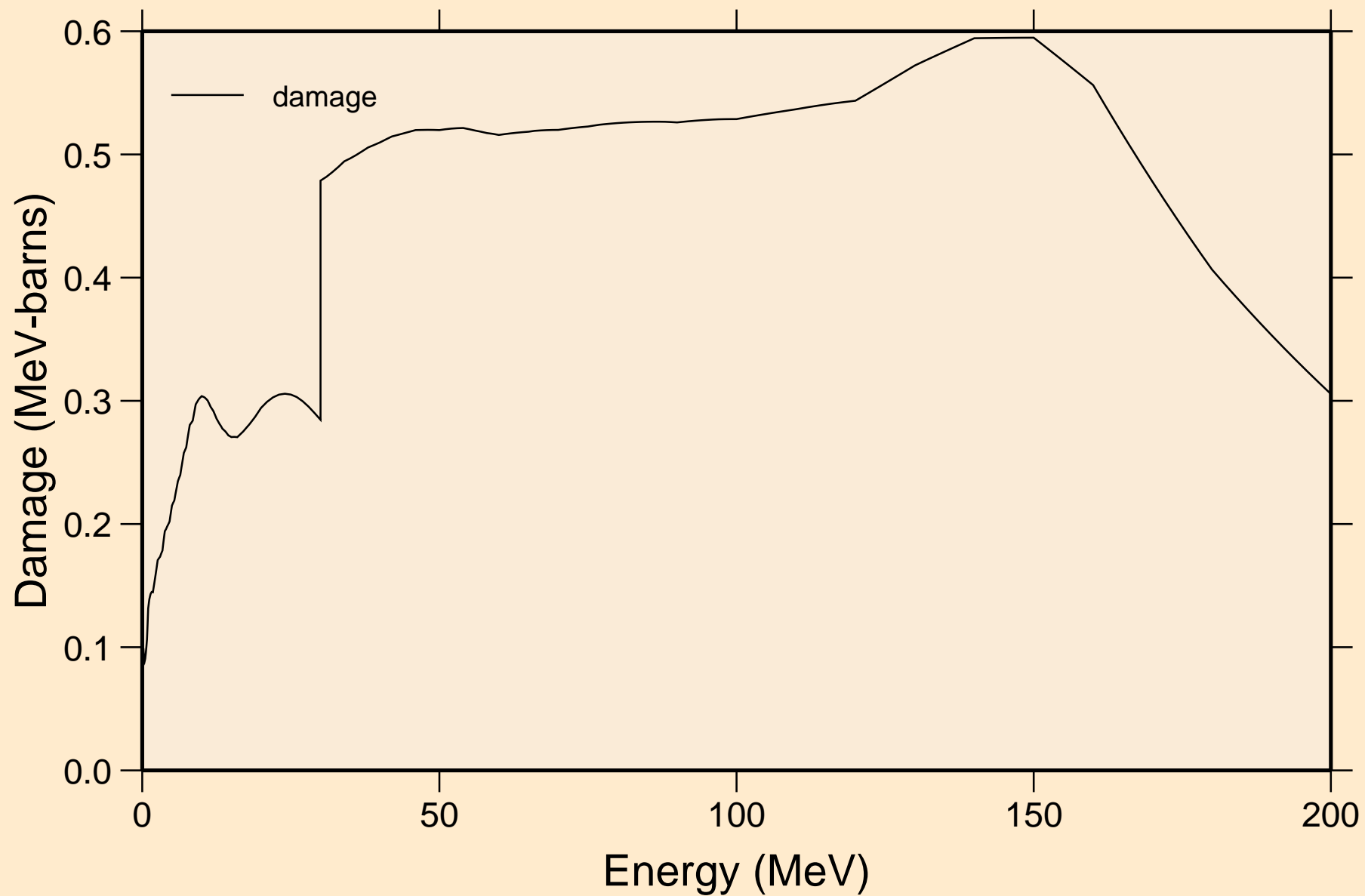
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



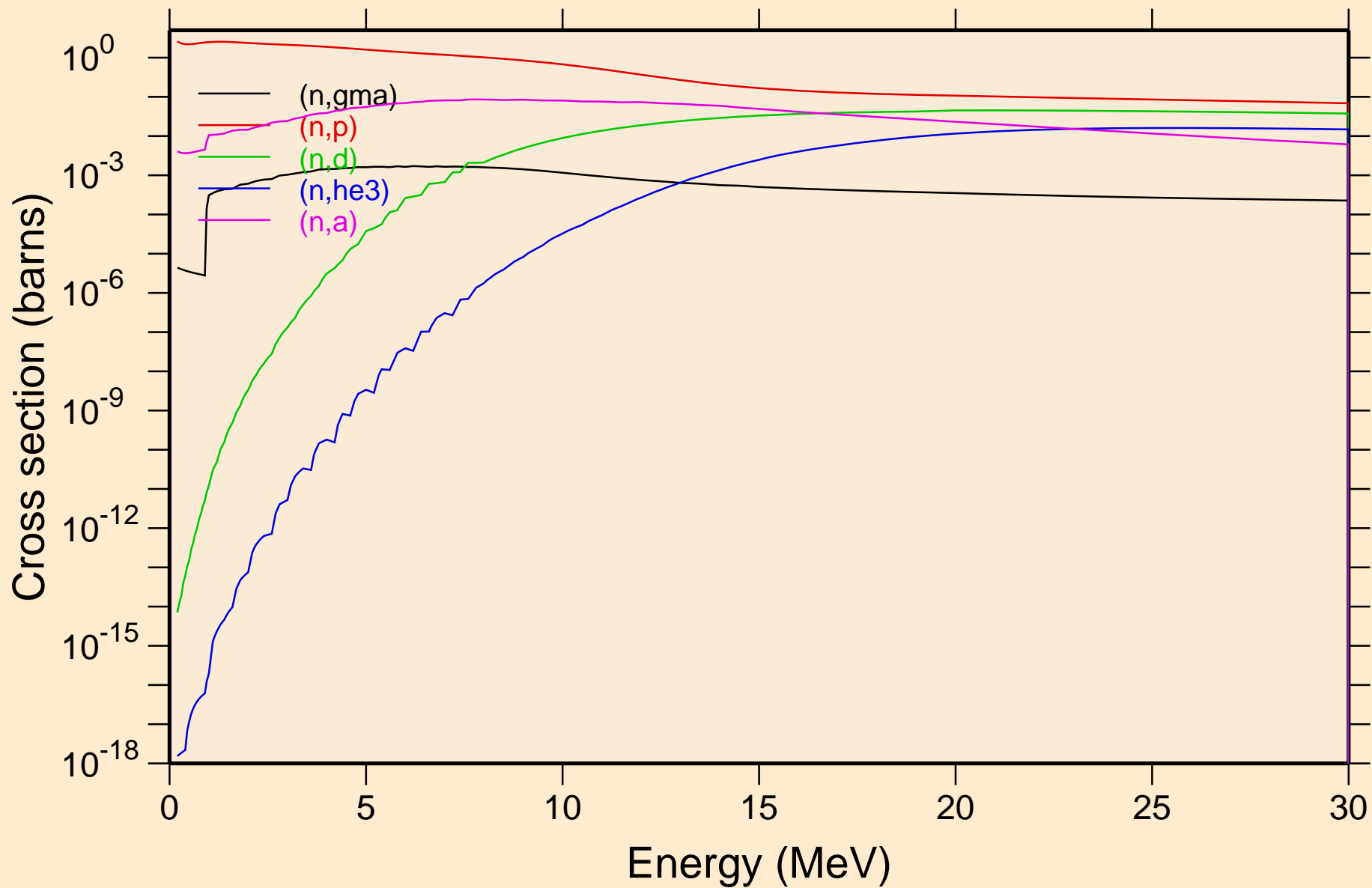
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



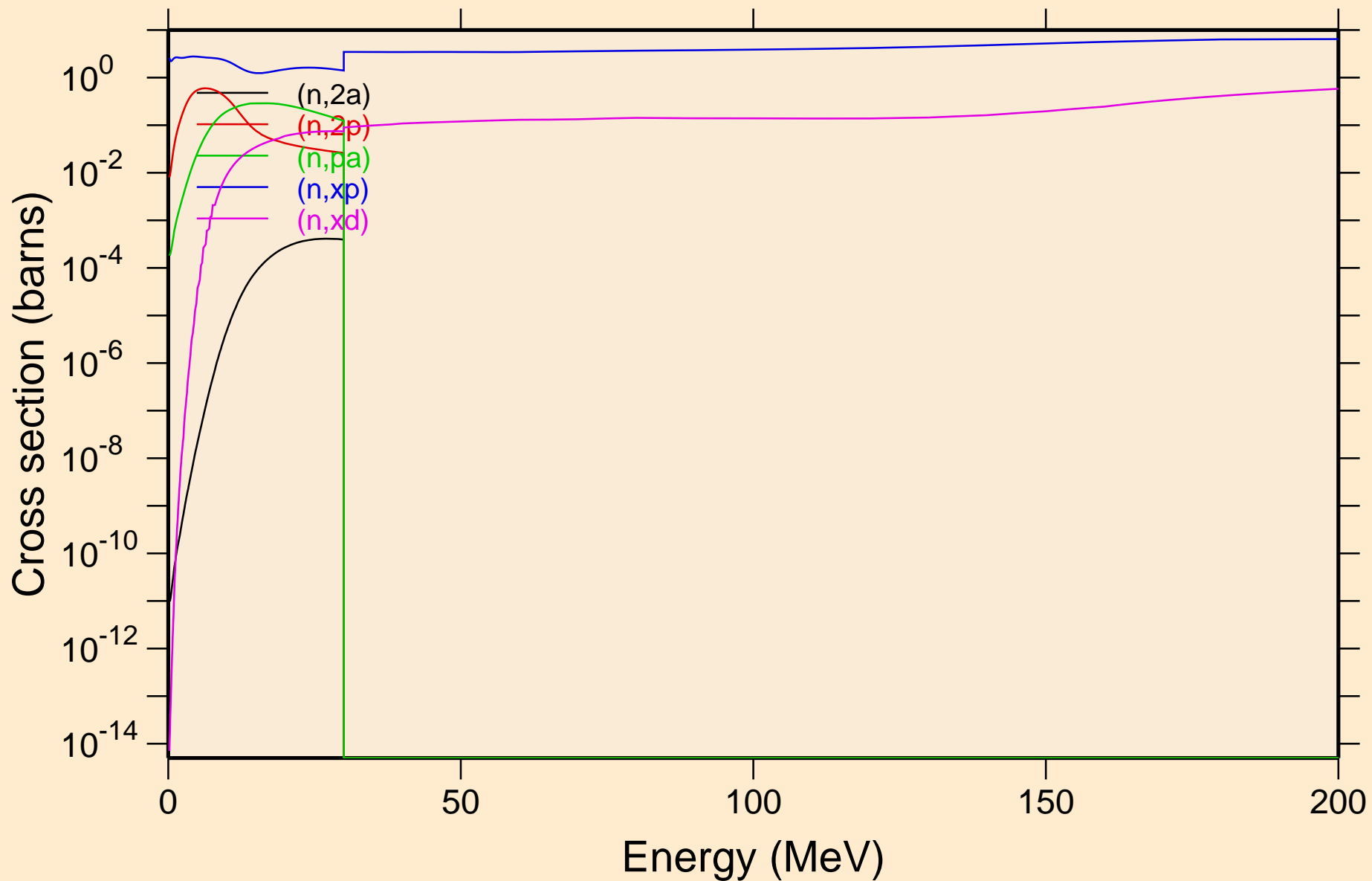
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



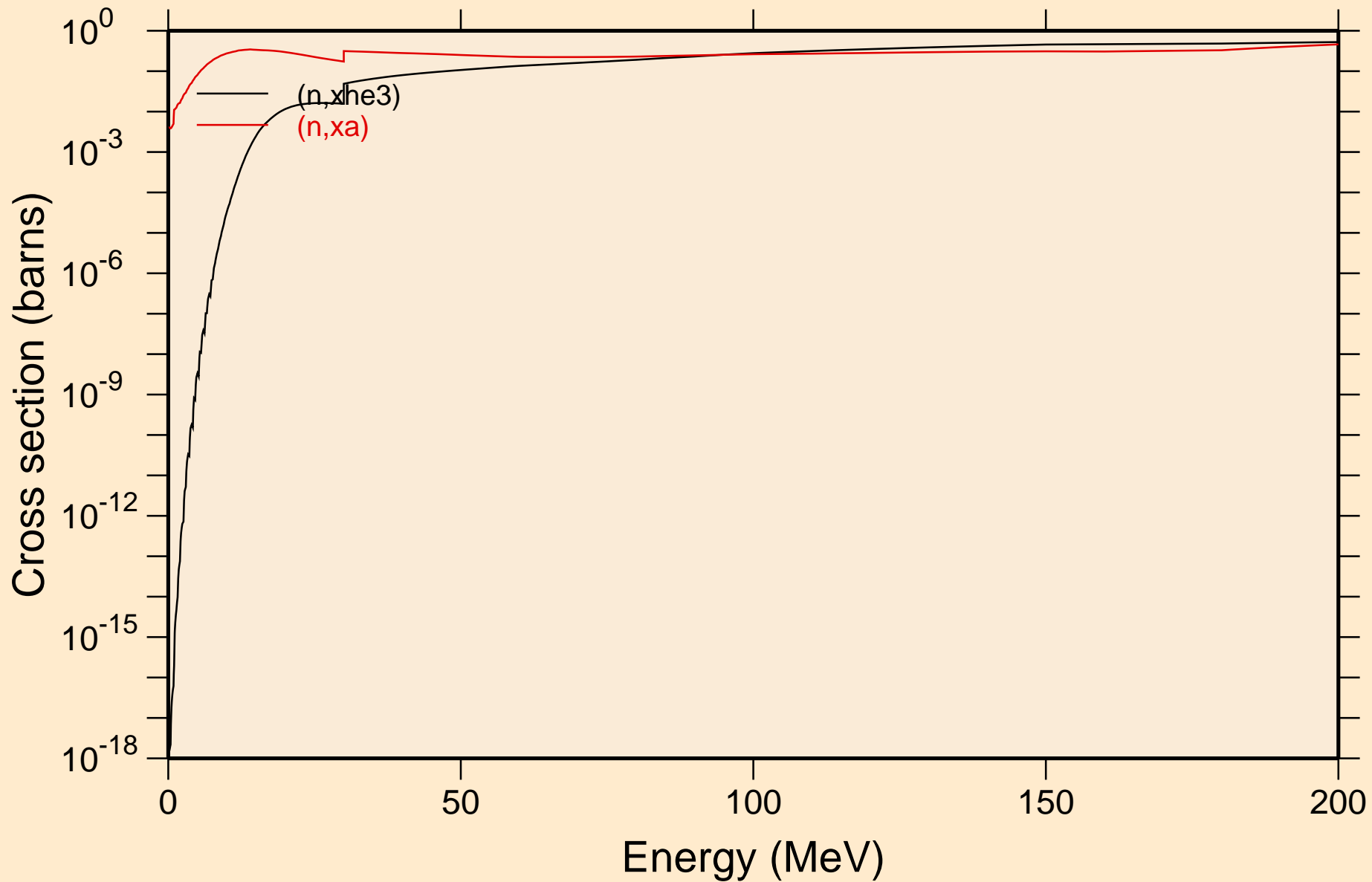
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Non-threshold reactions



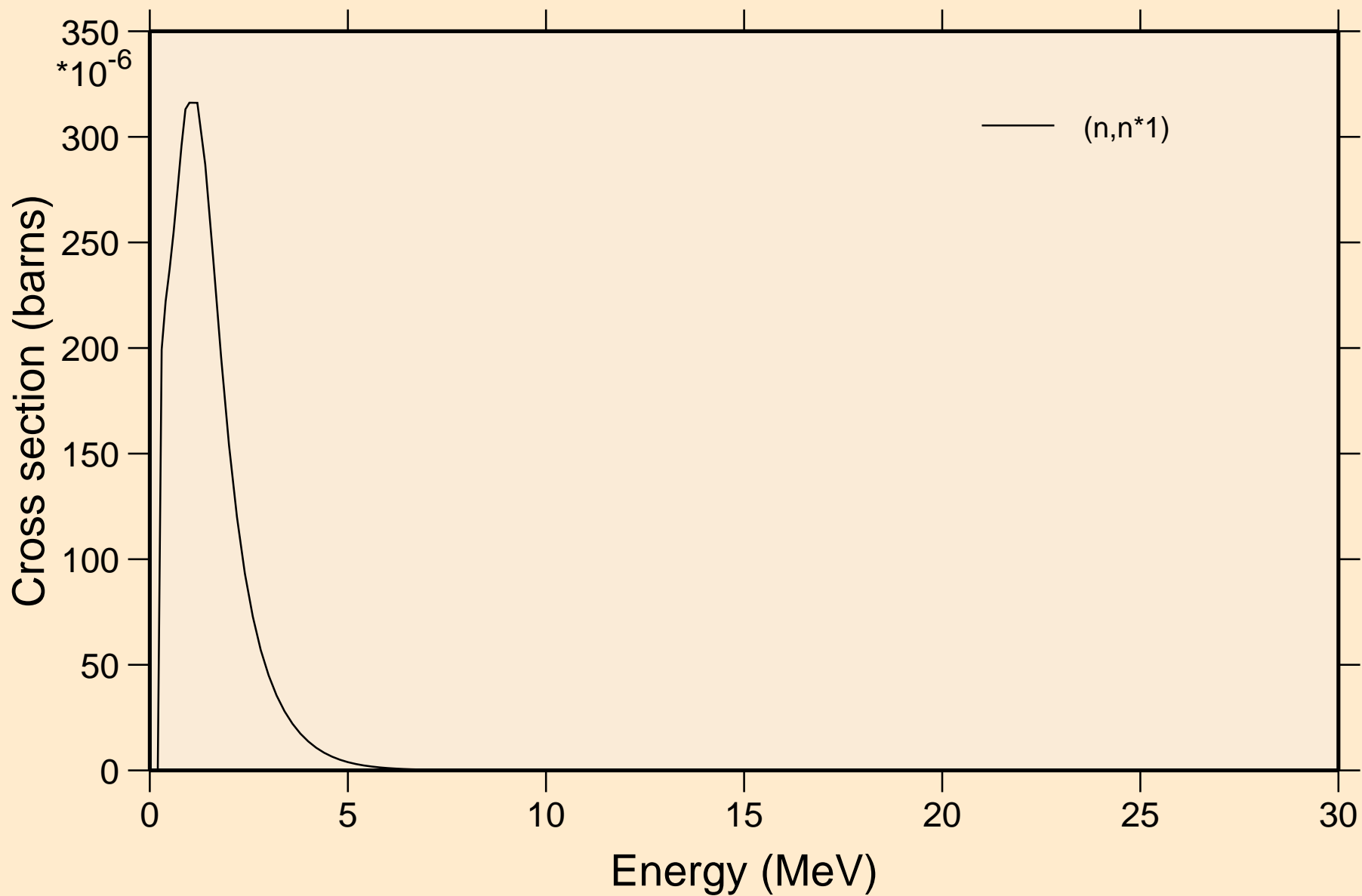
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



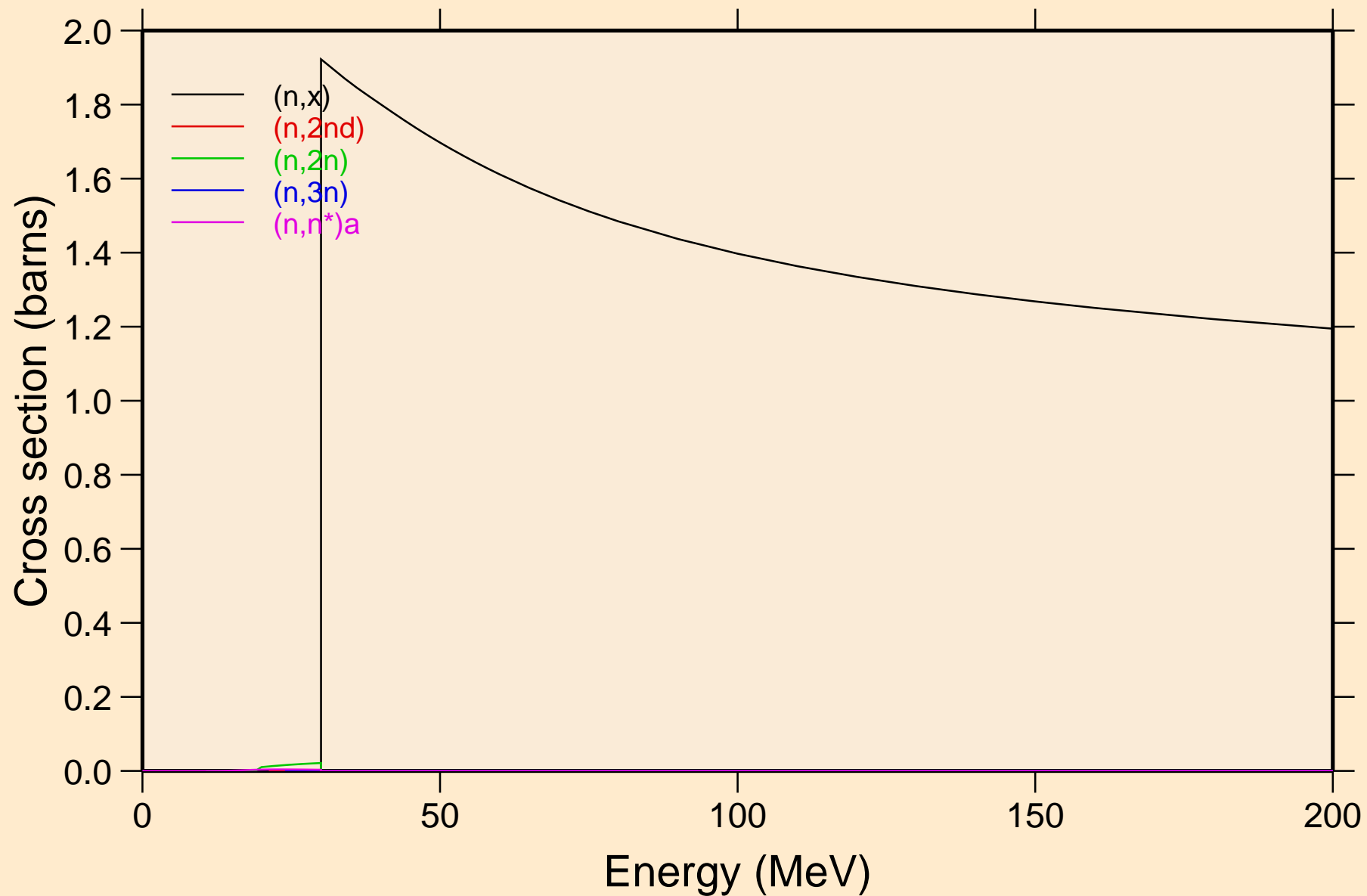
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



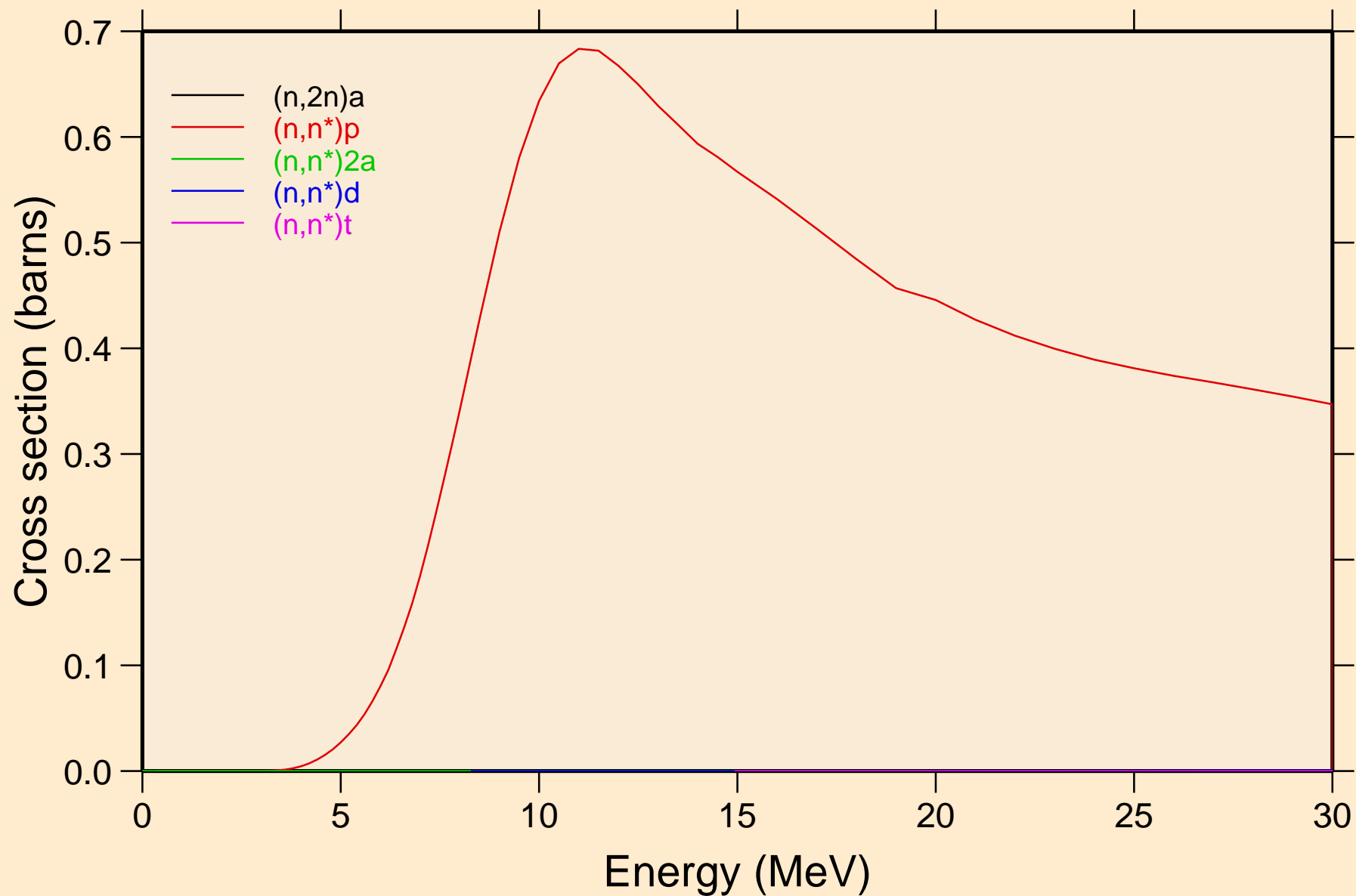
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



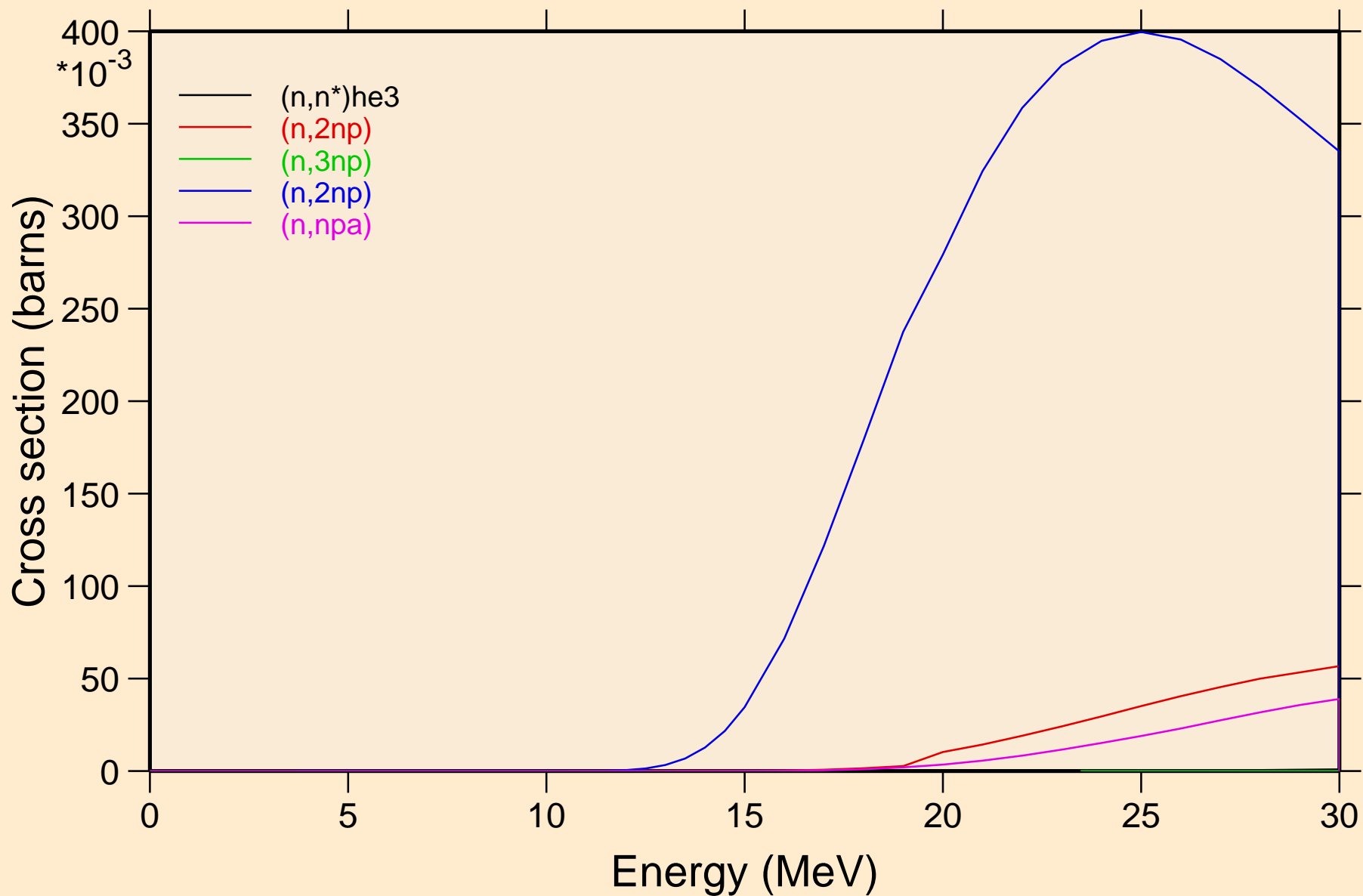
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



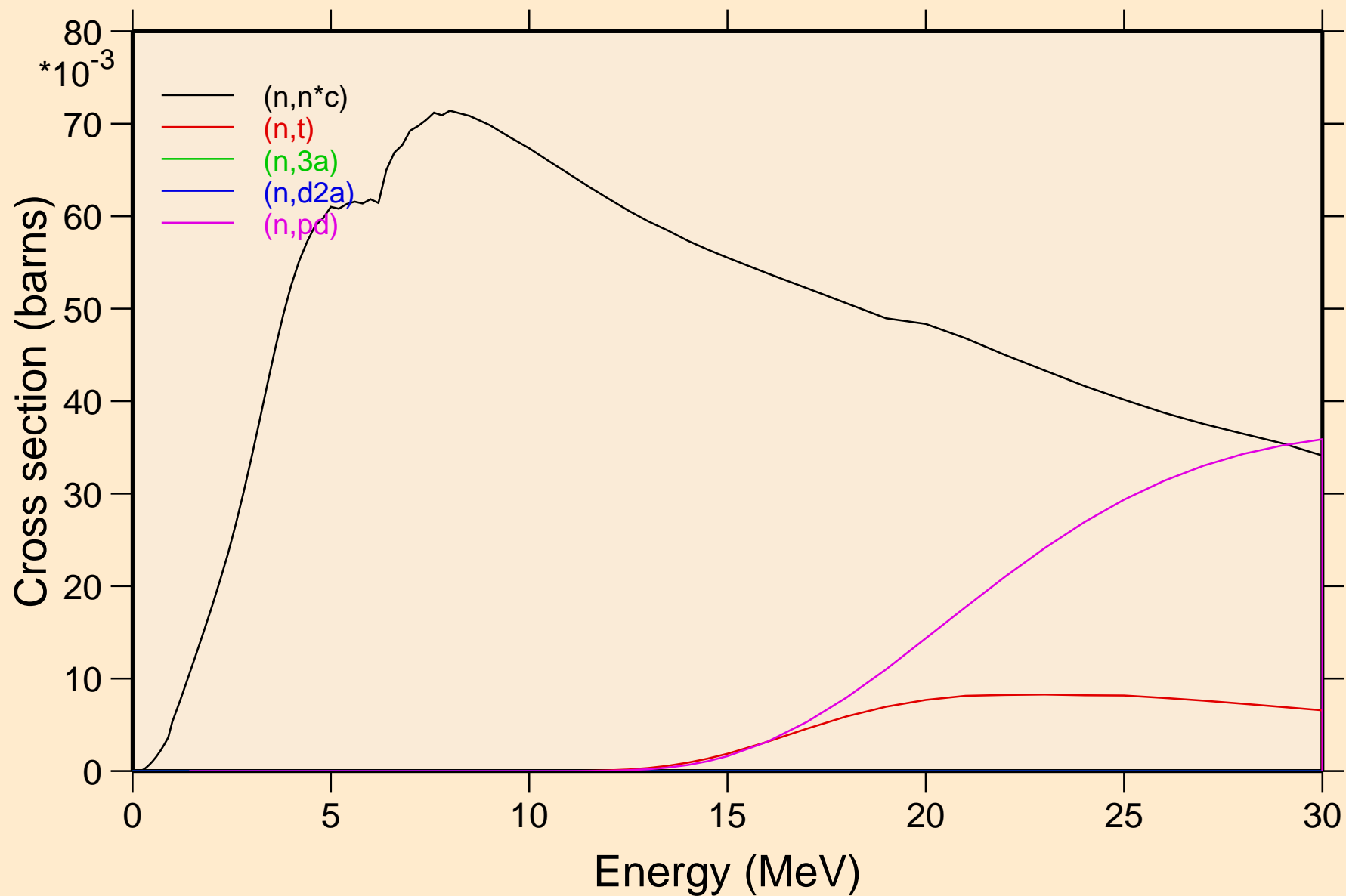
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



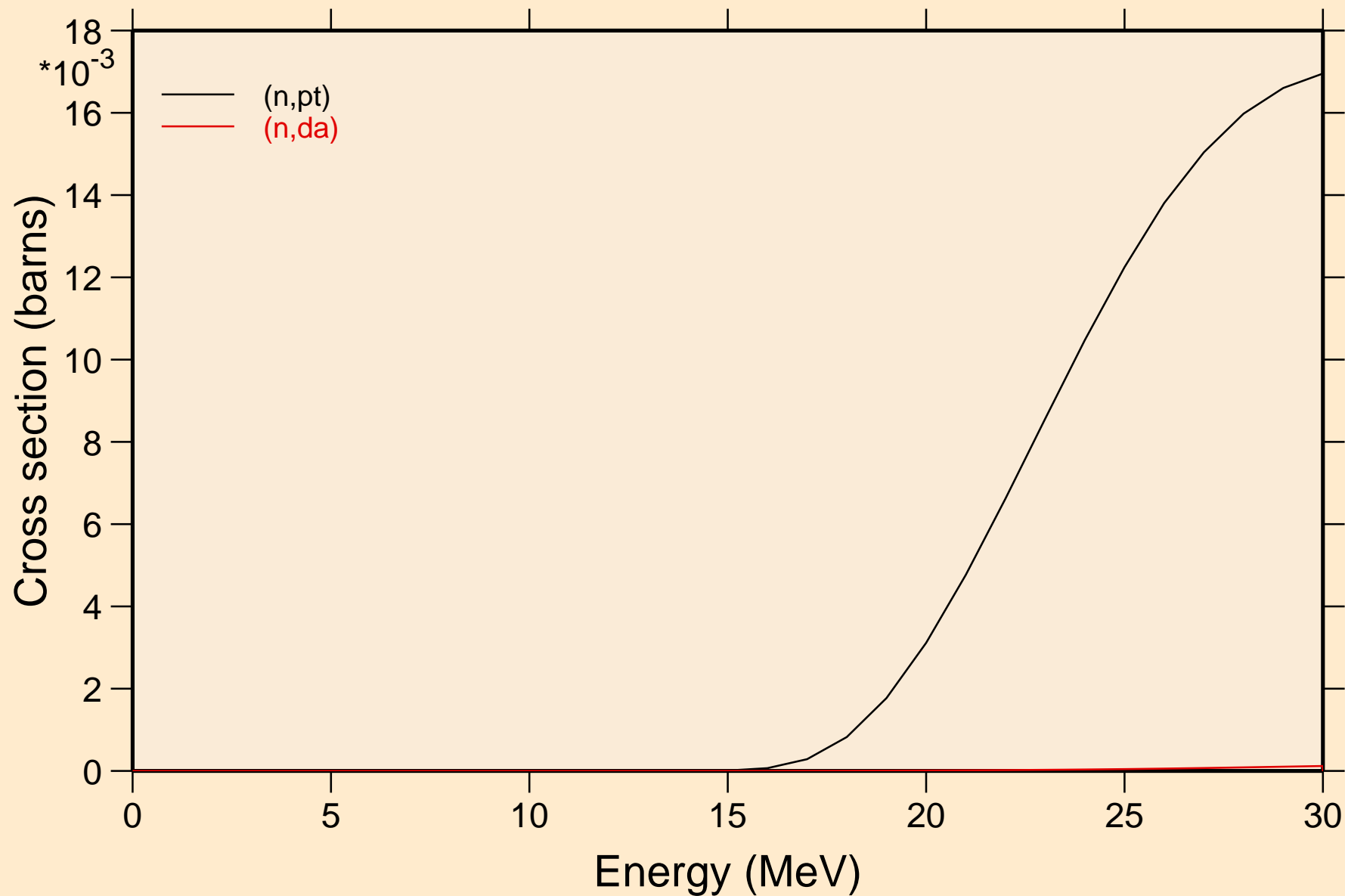
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



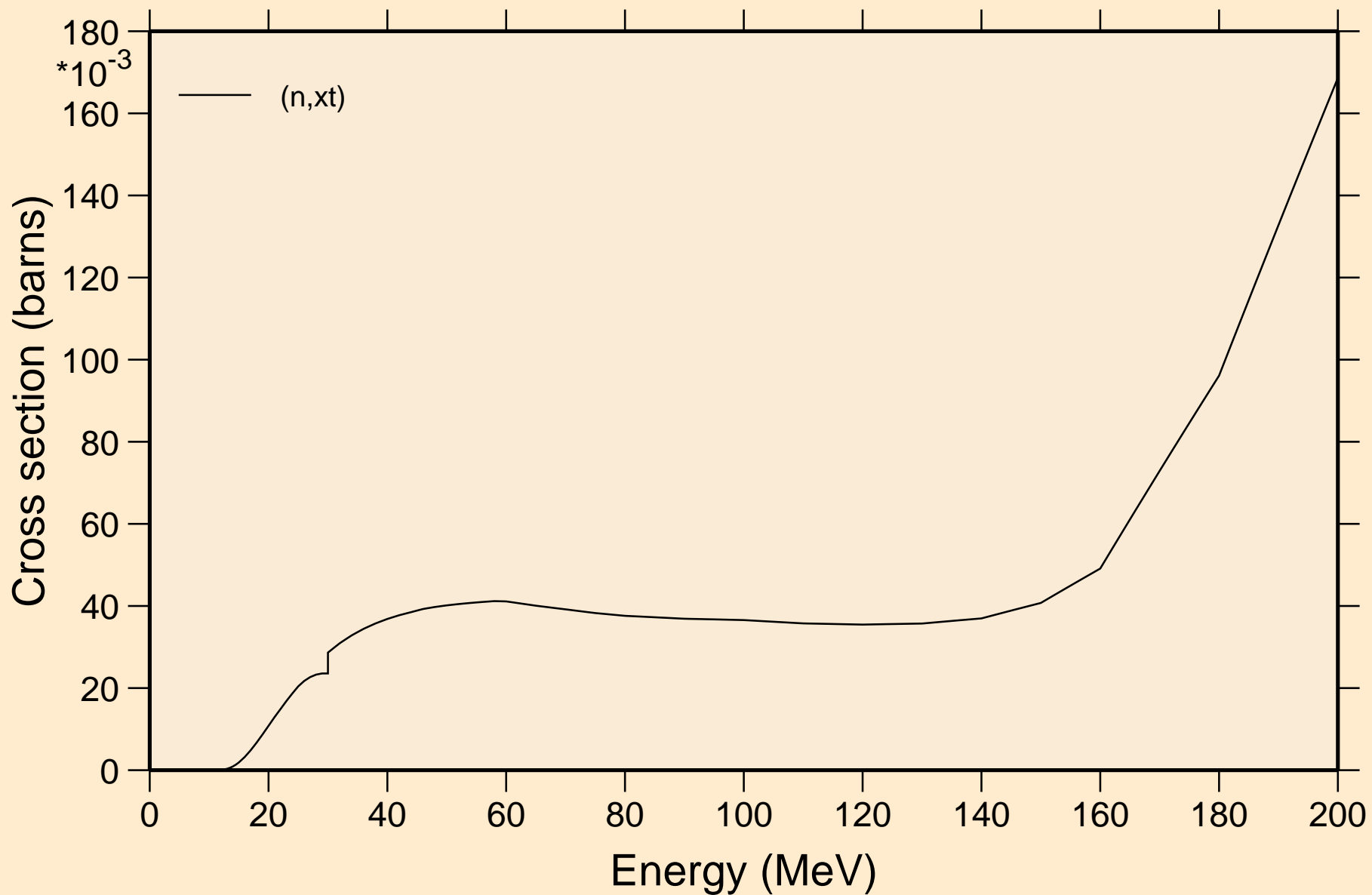
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



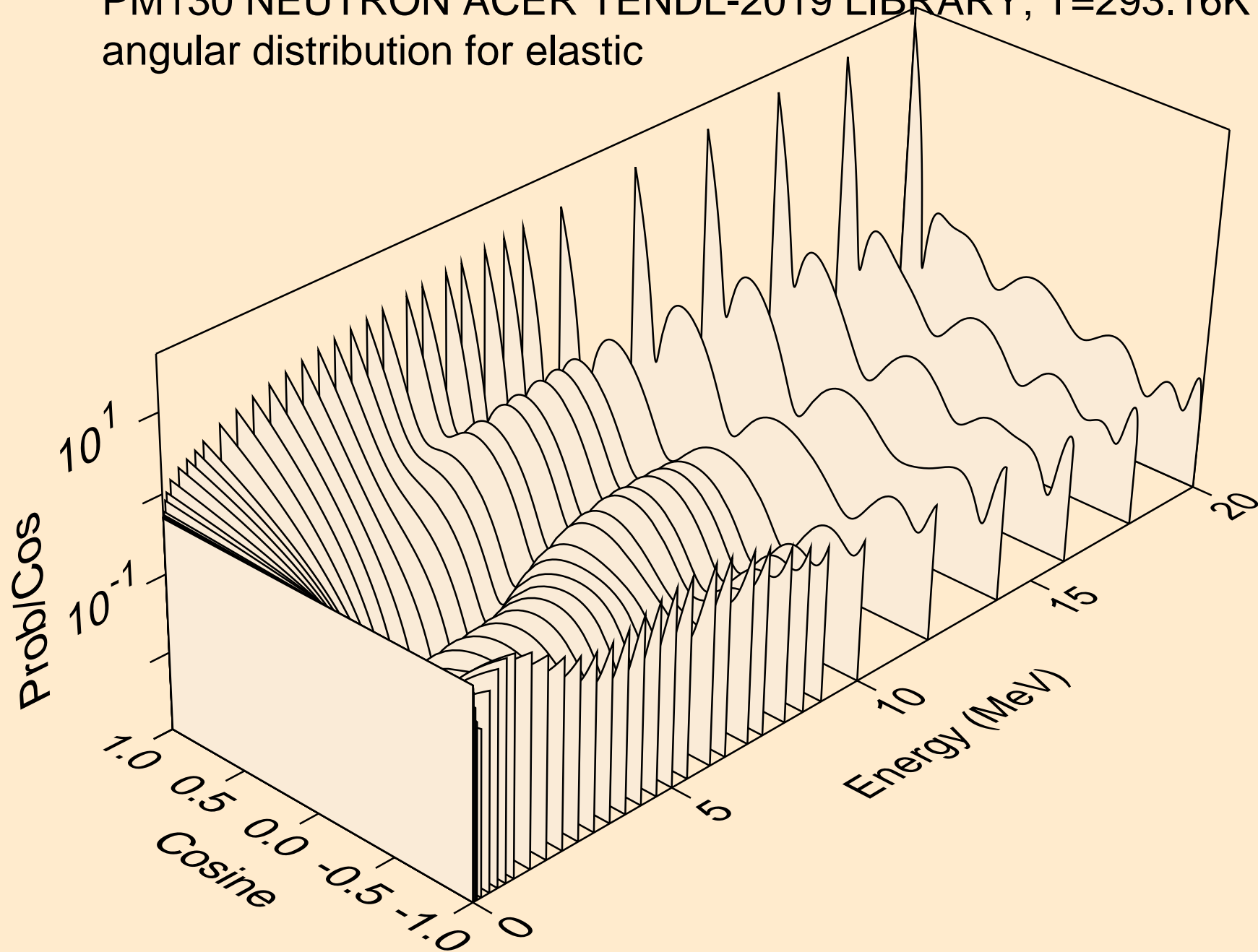
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



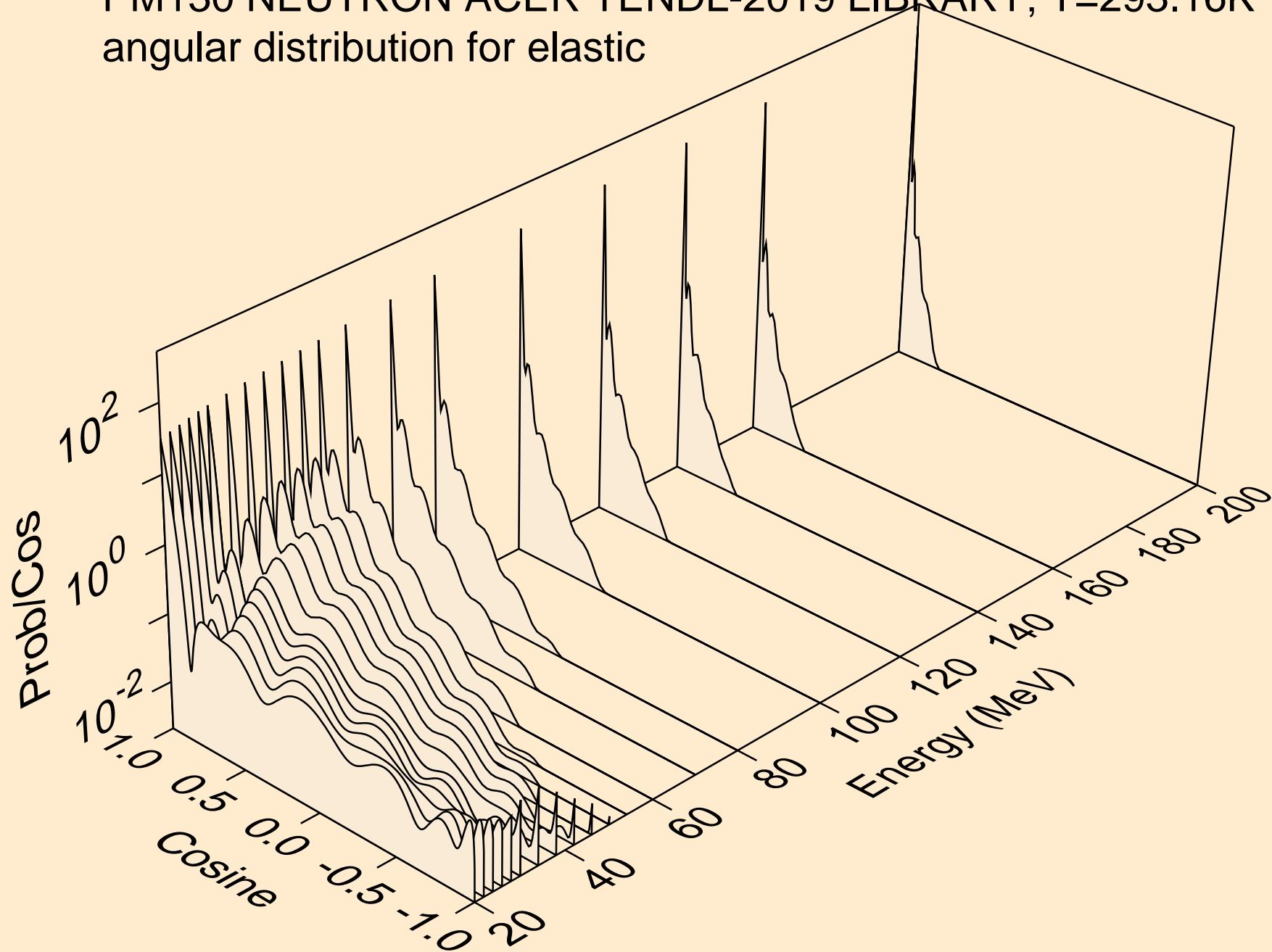
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



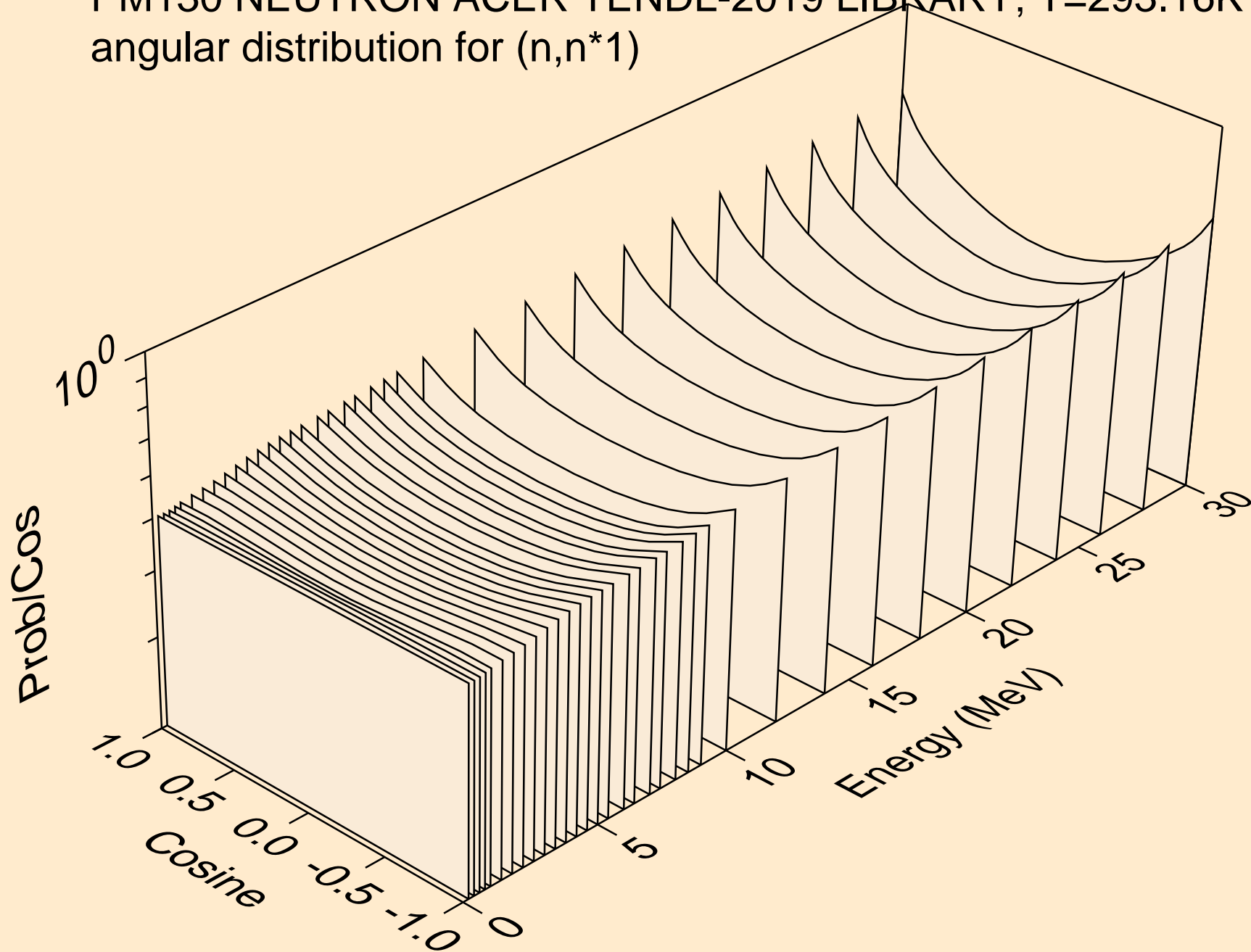
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



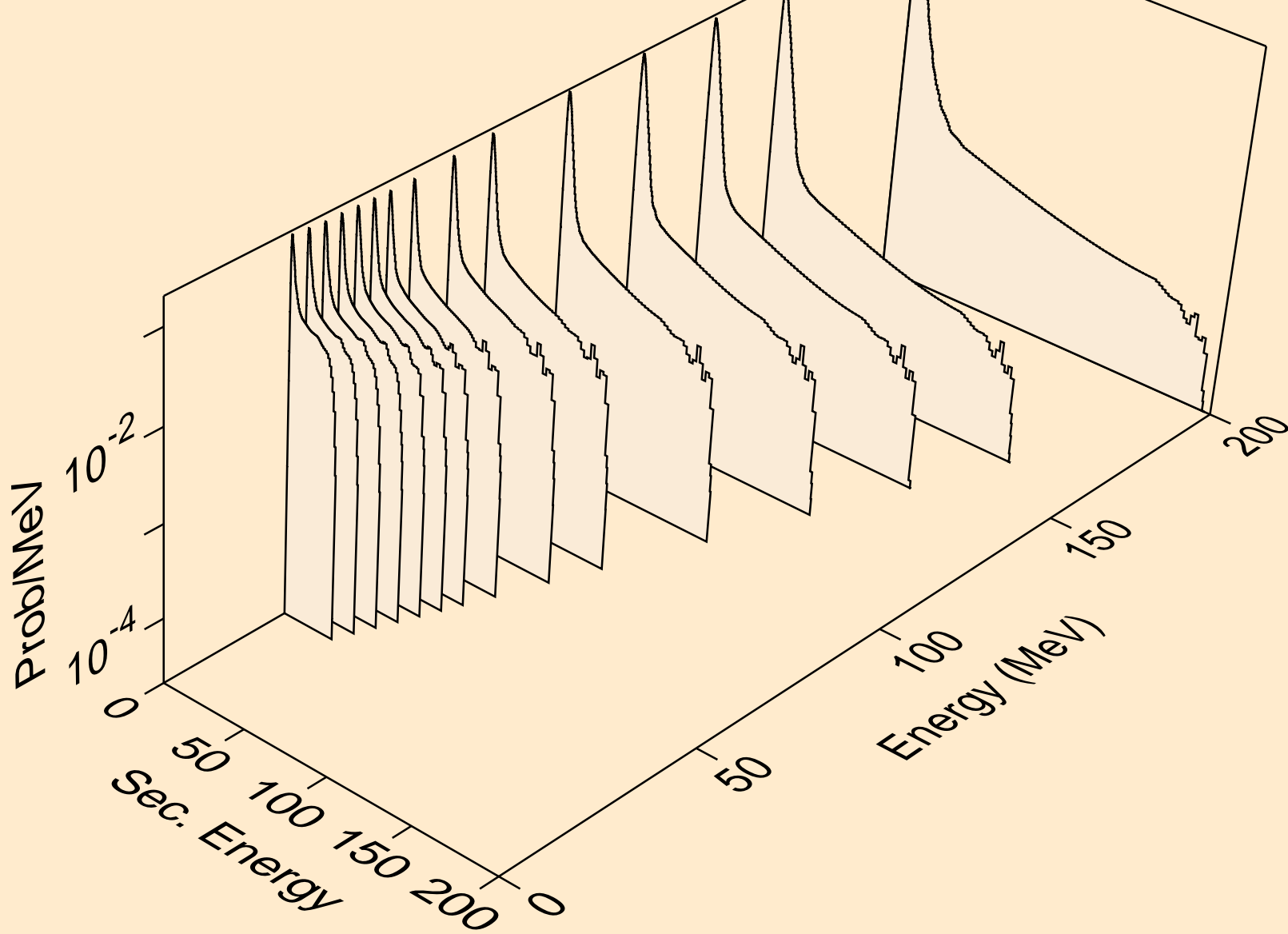
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



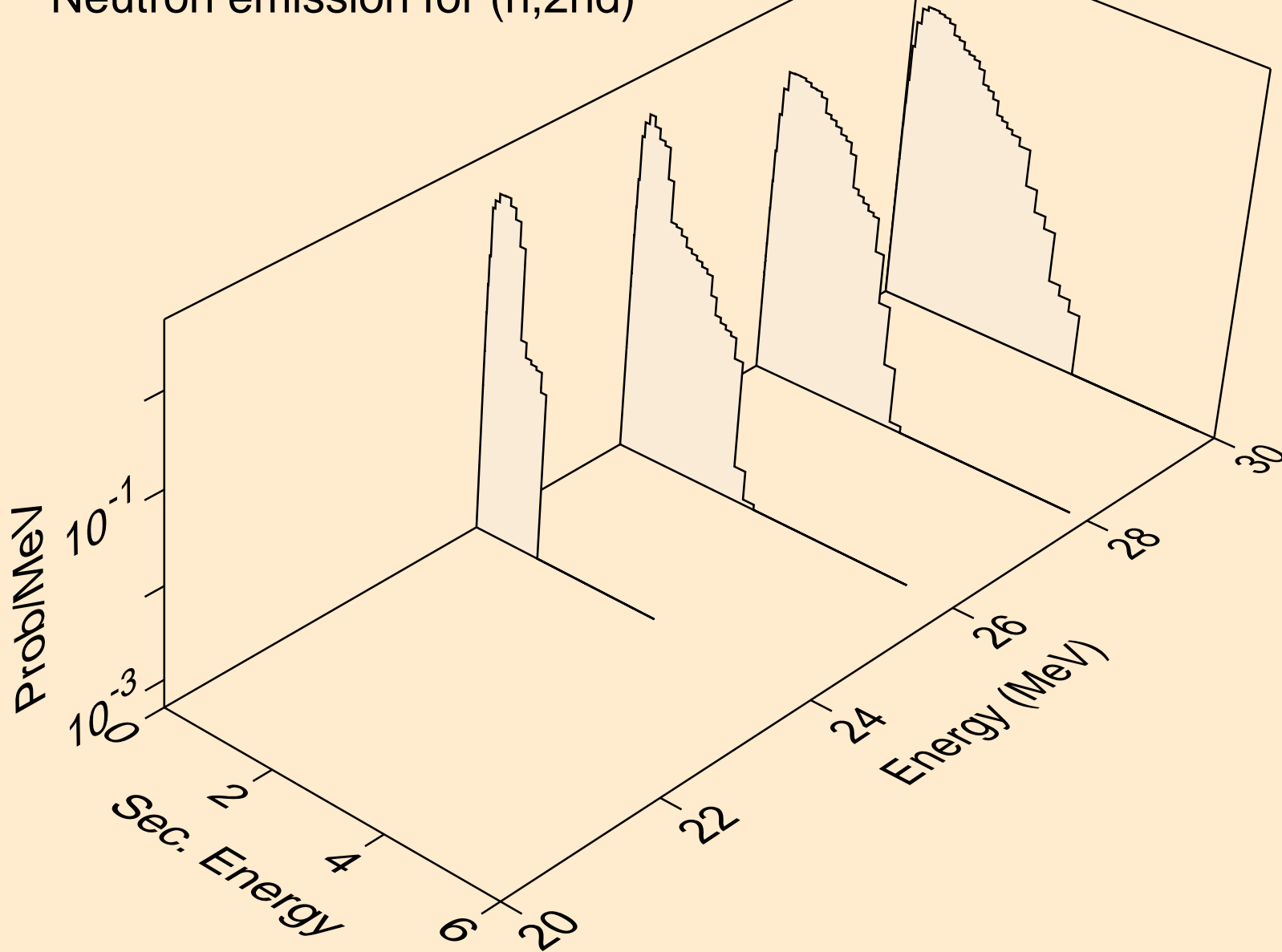
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angular distribution for (n,n*1)



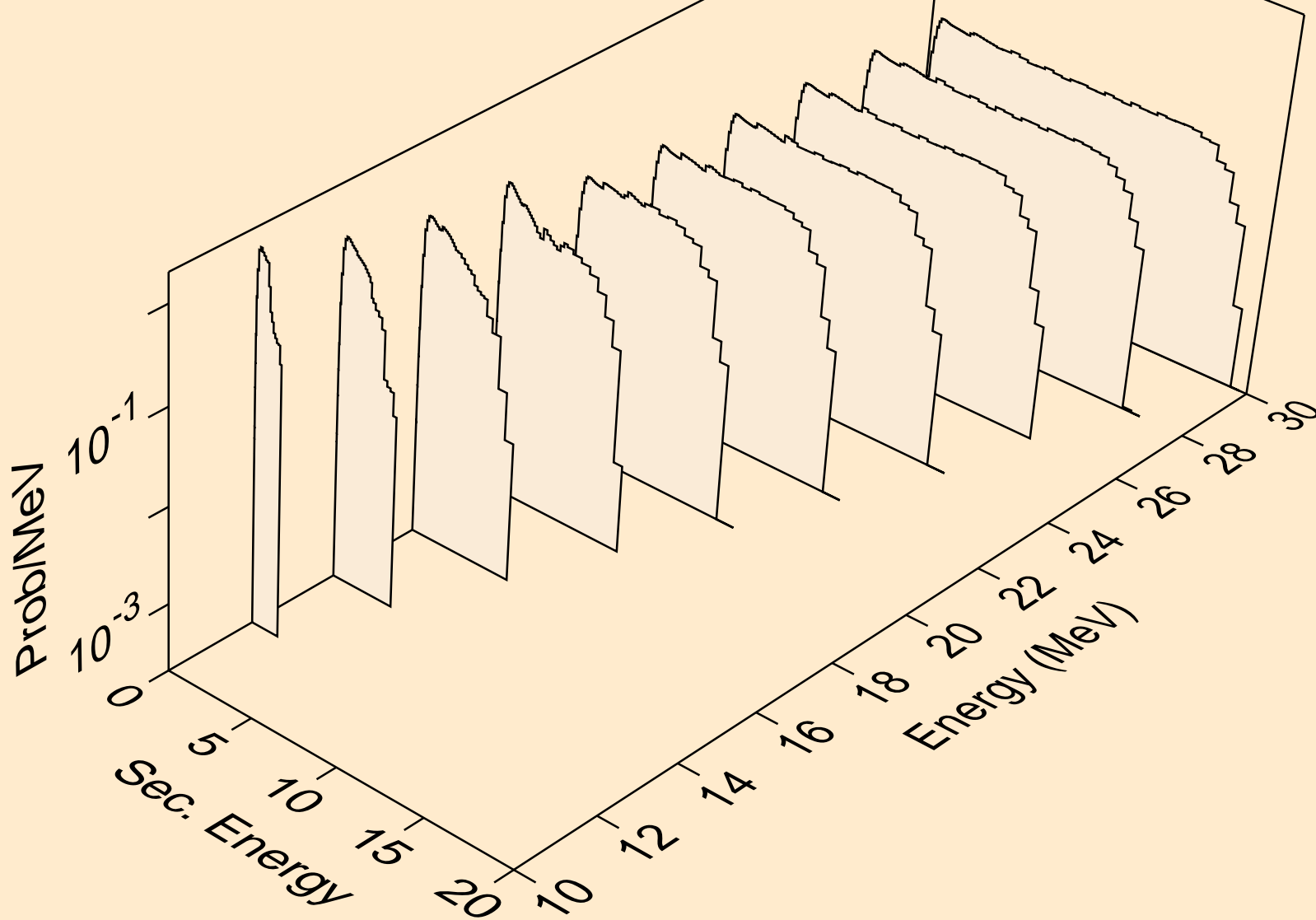
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



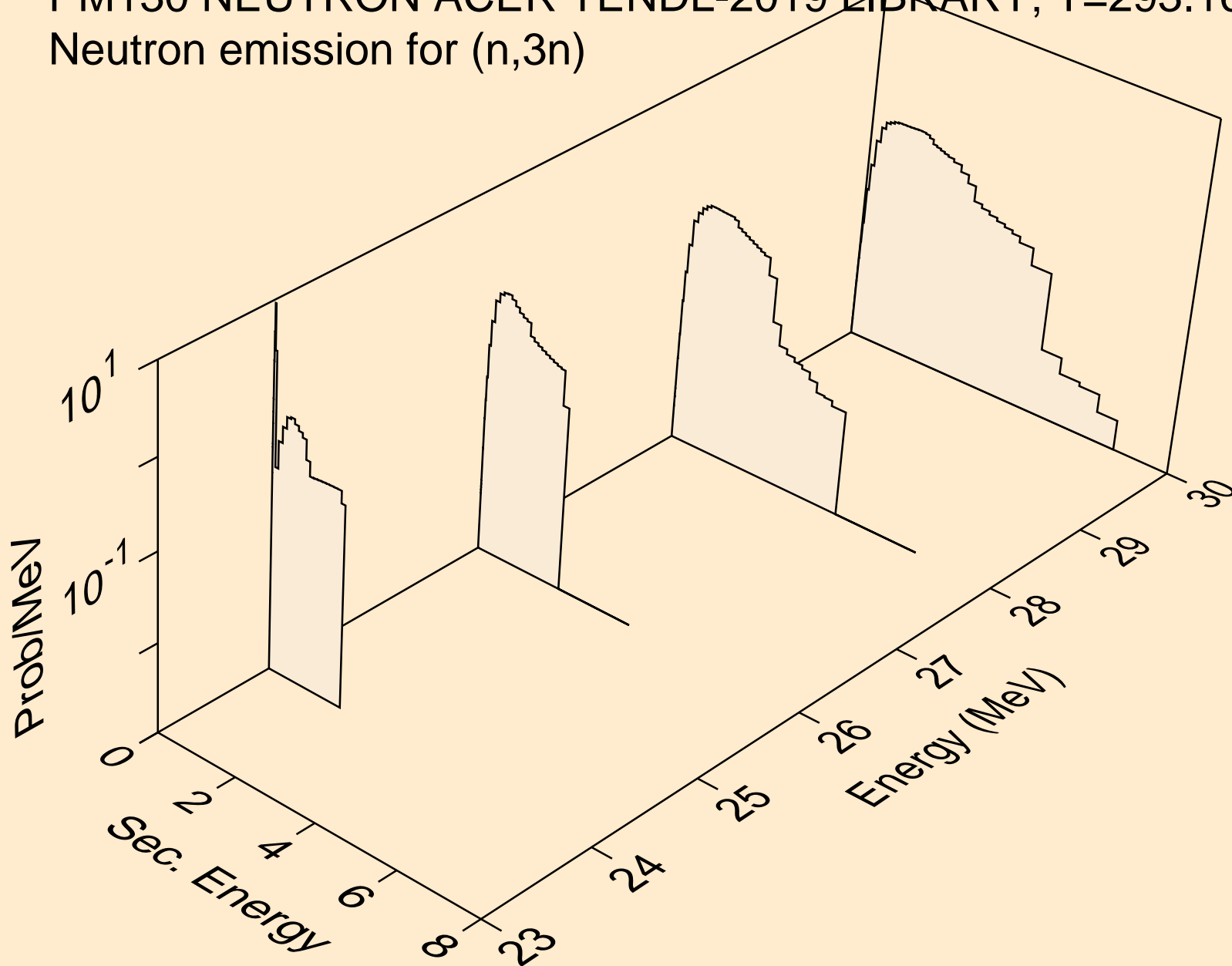
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



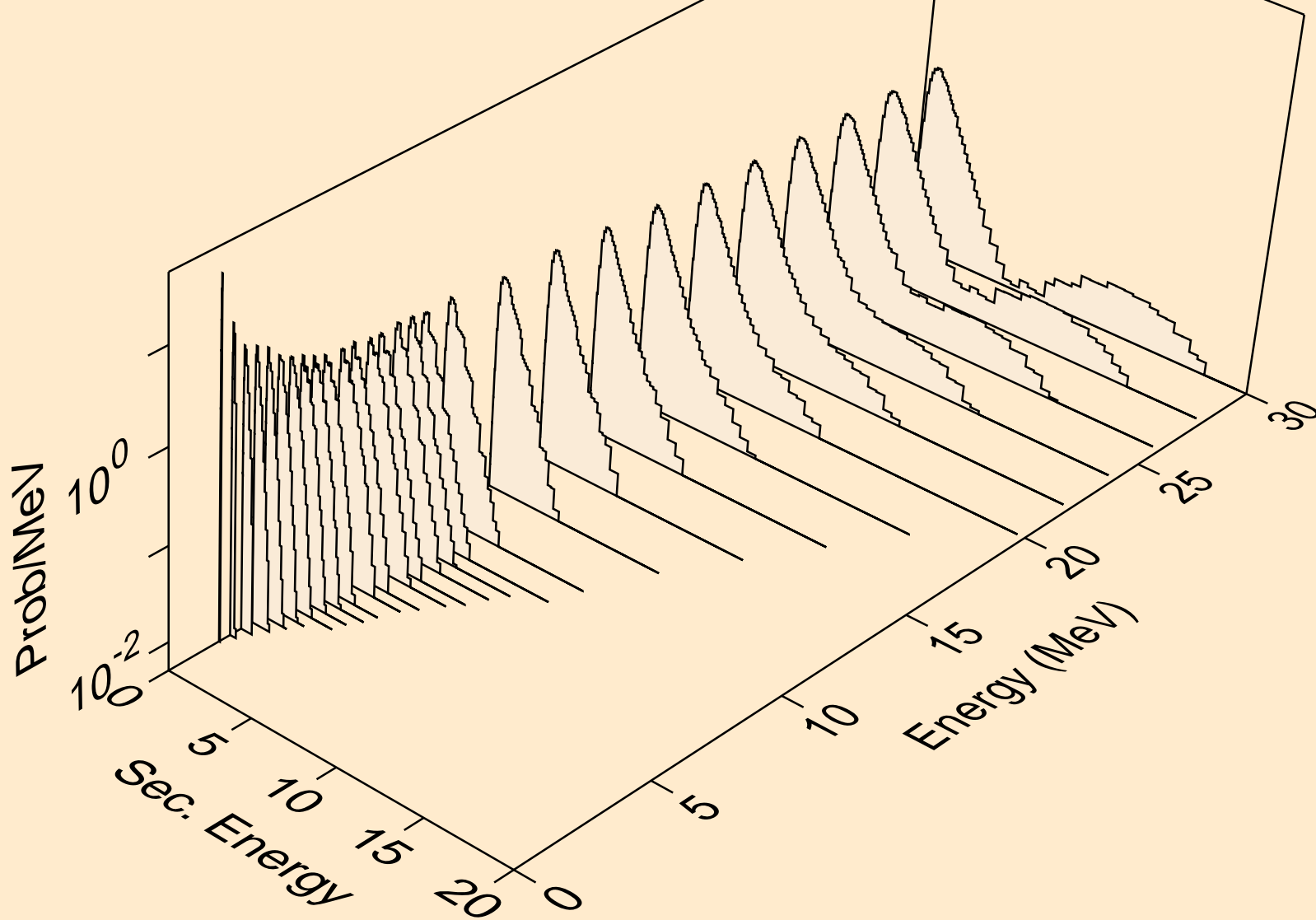
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



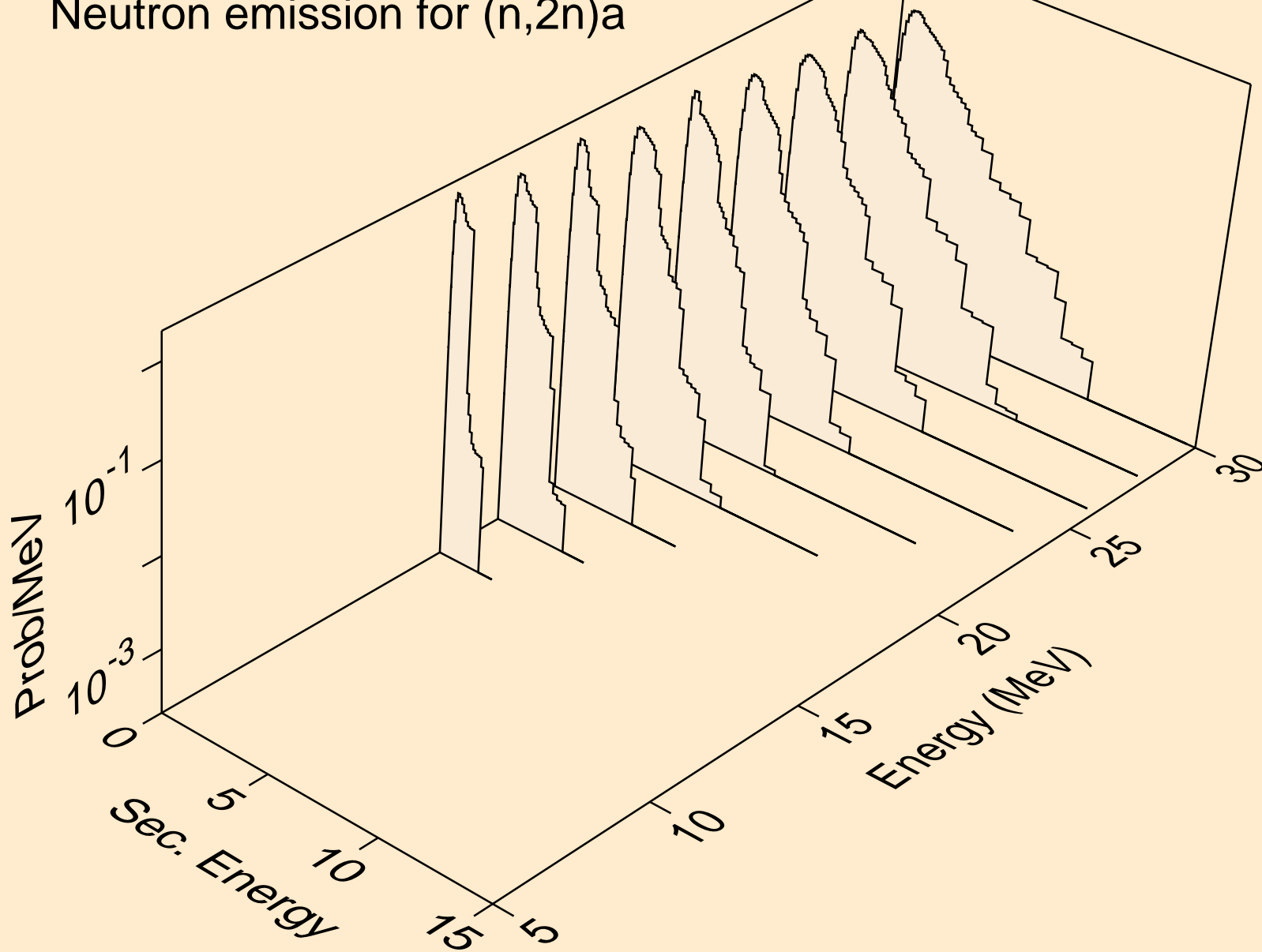
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



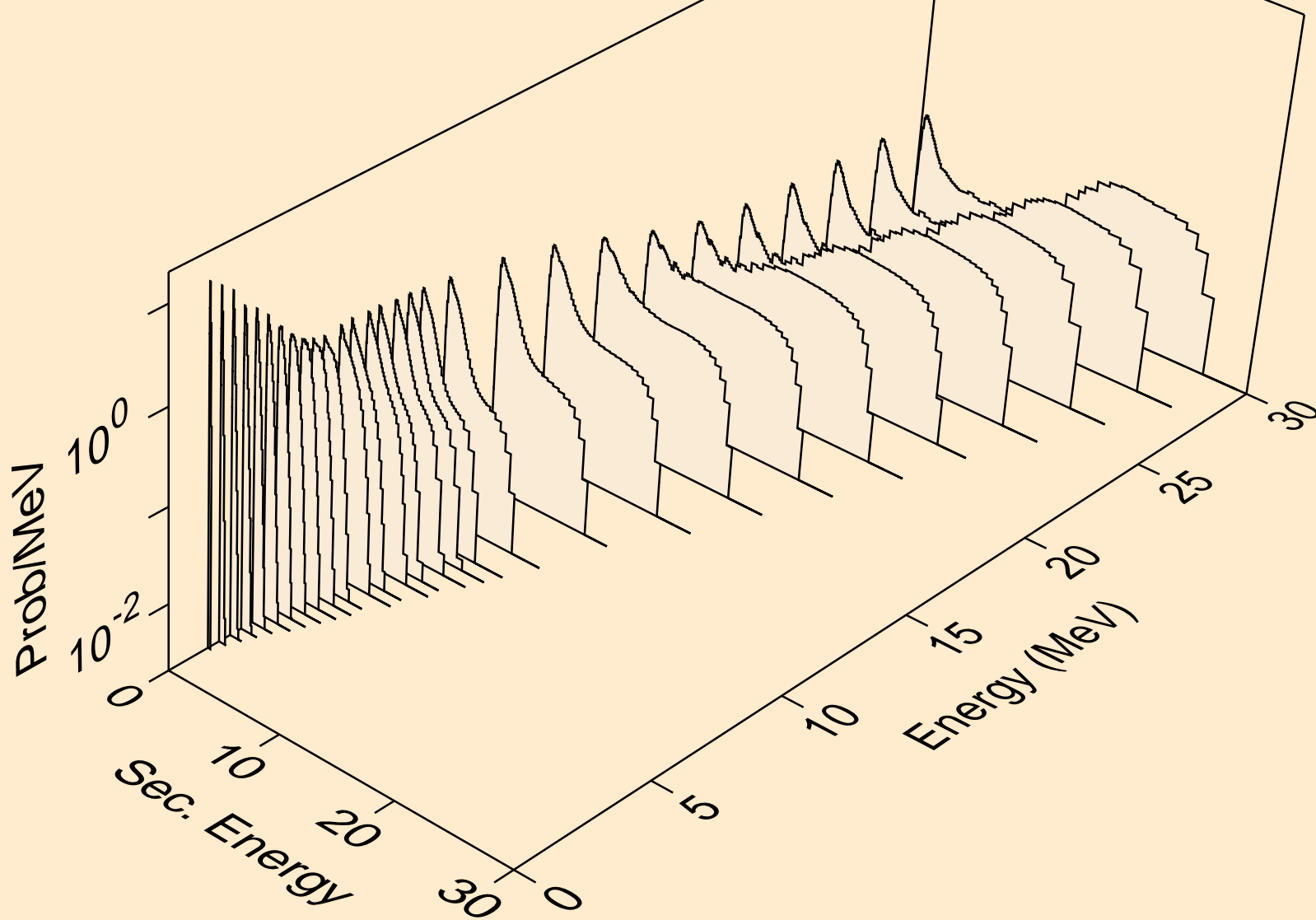
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



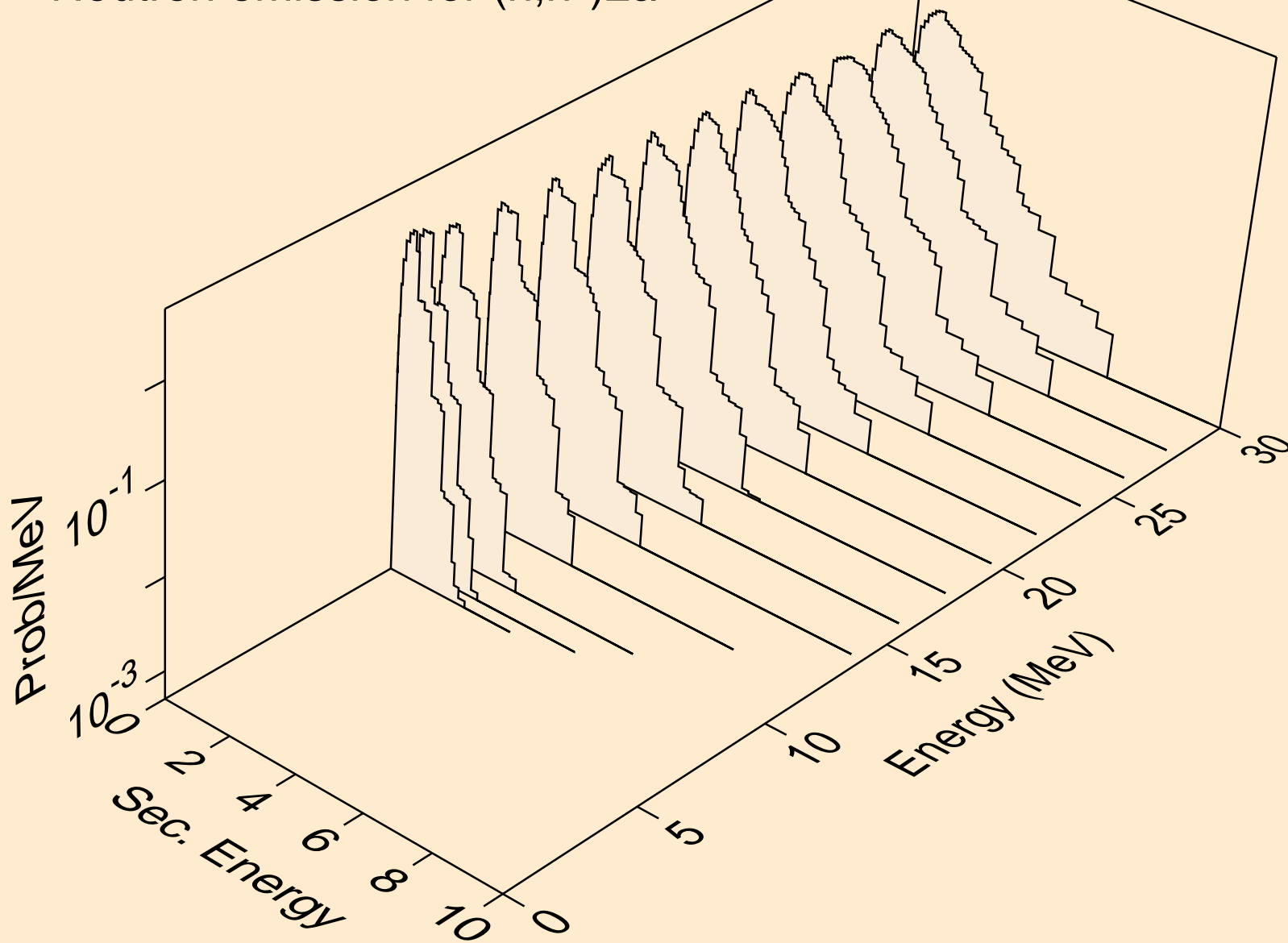
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



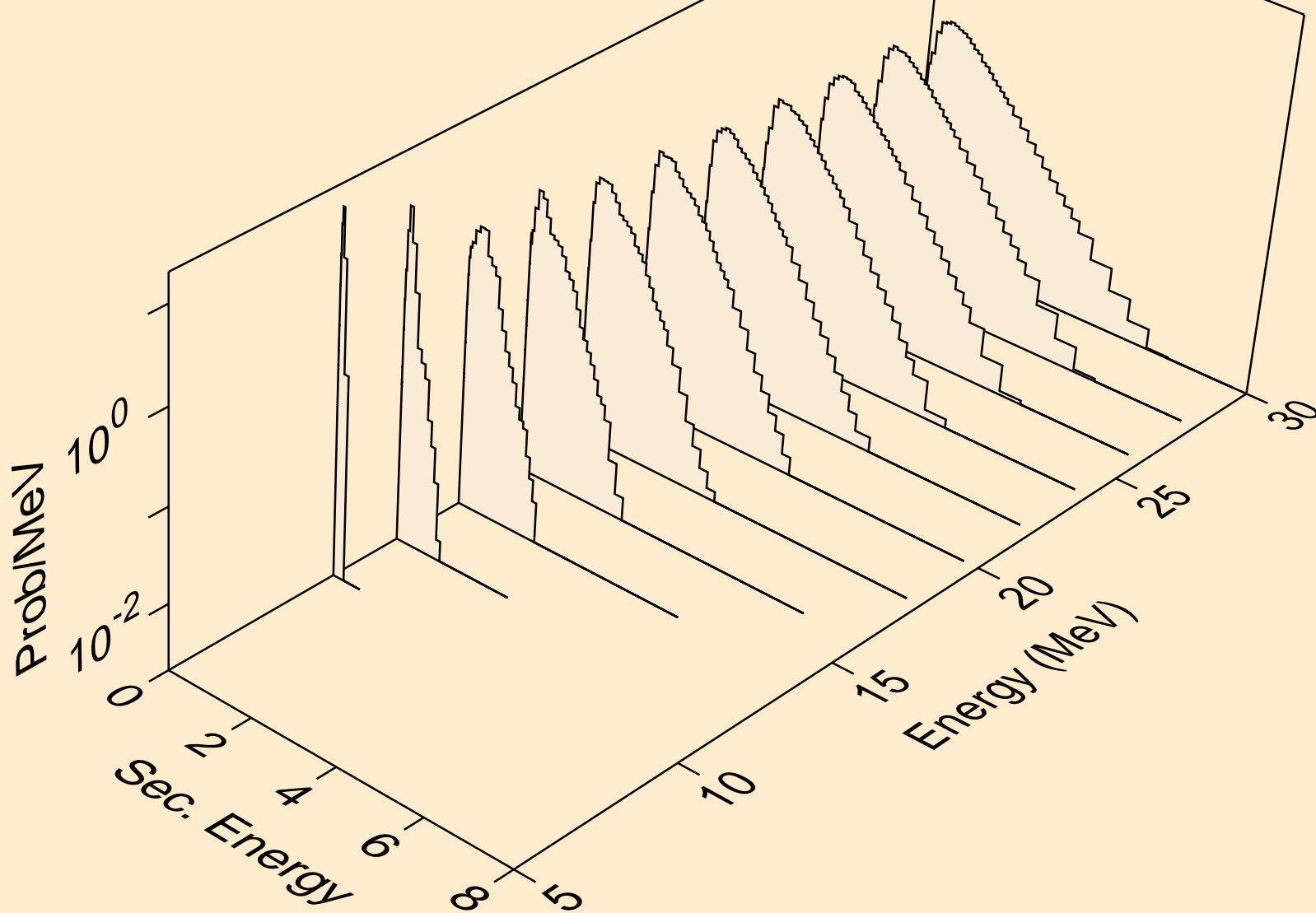
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



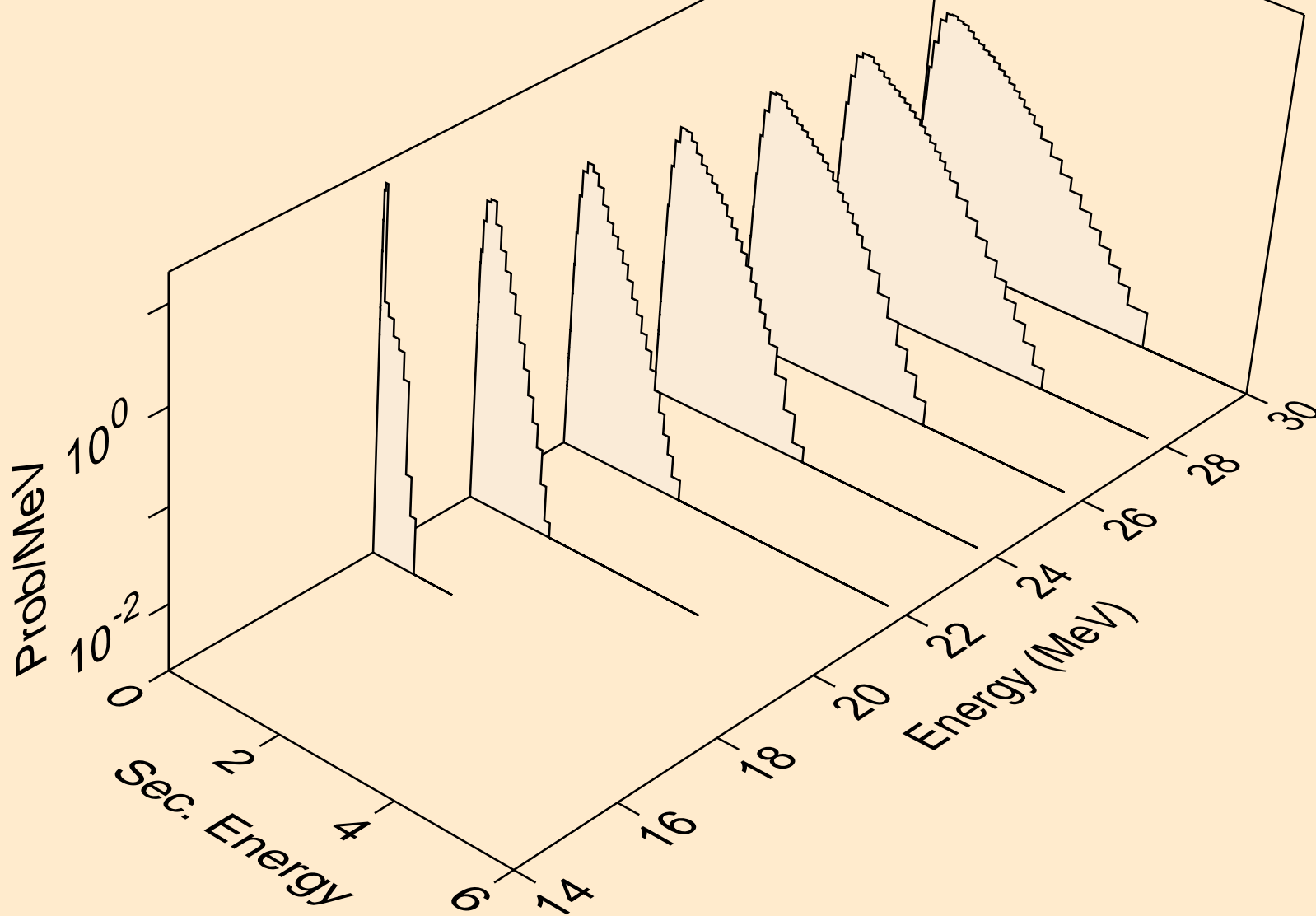
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



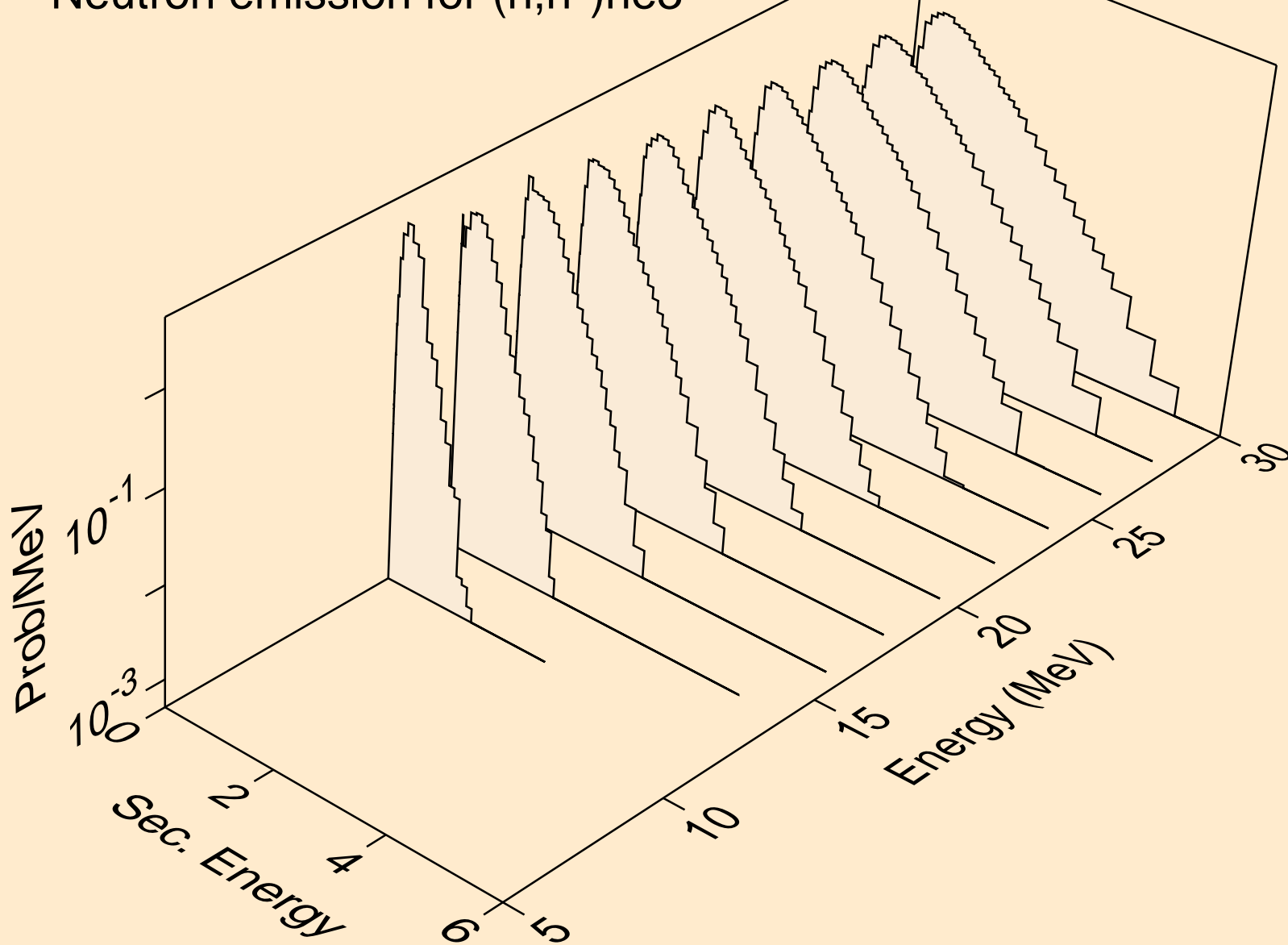
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



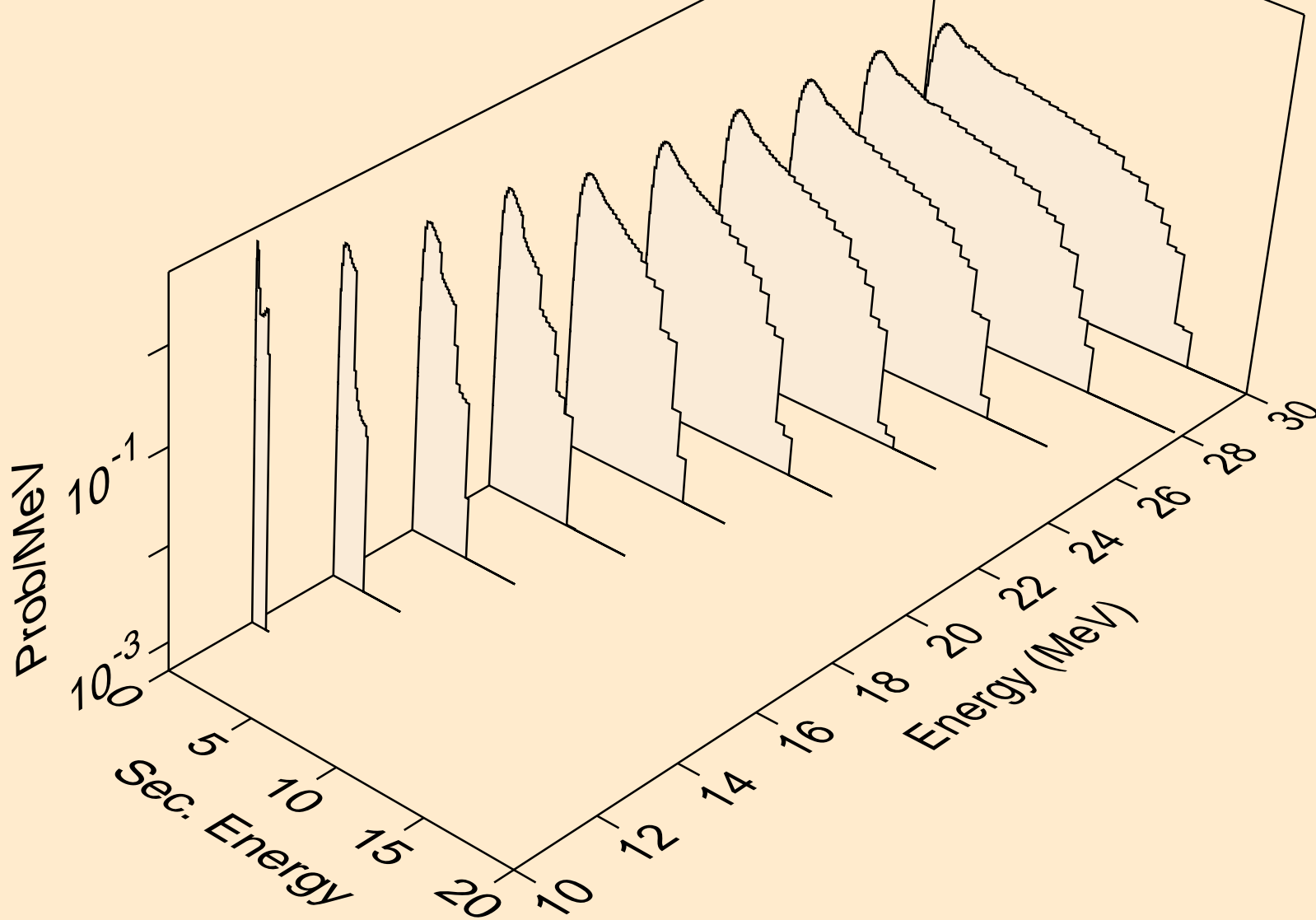
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



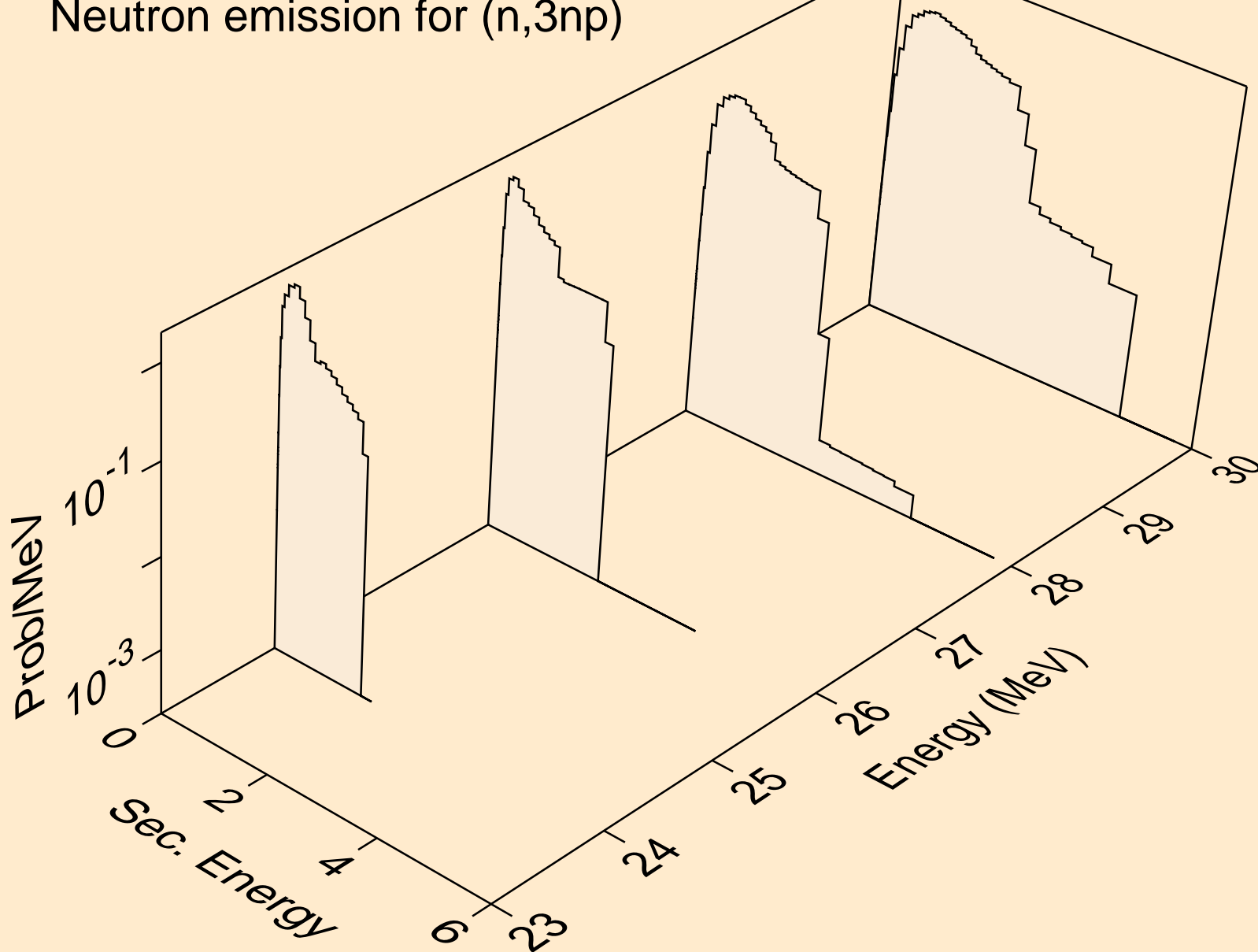
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



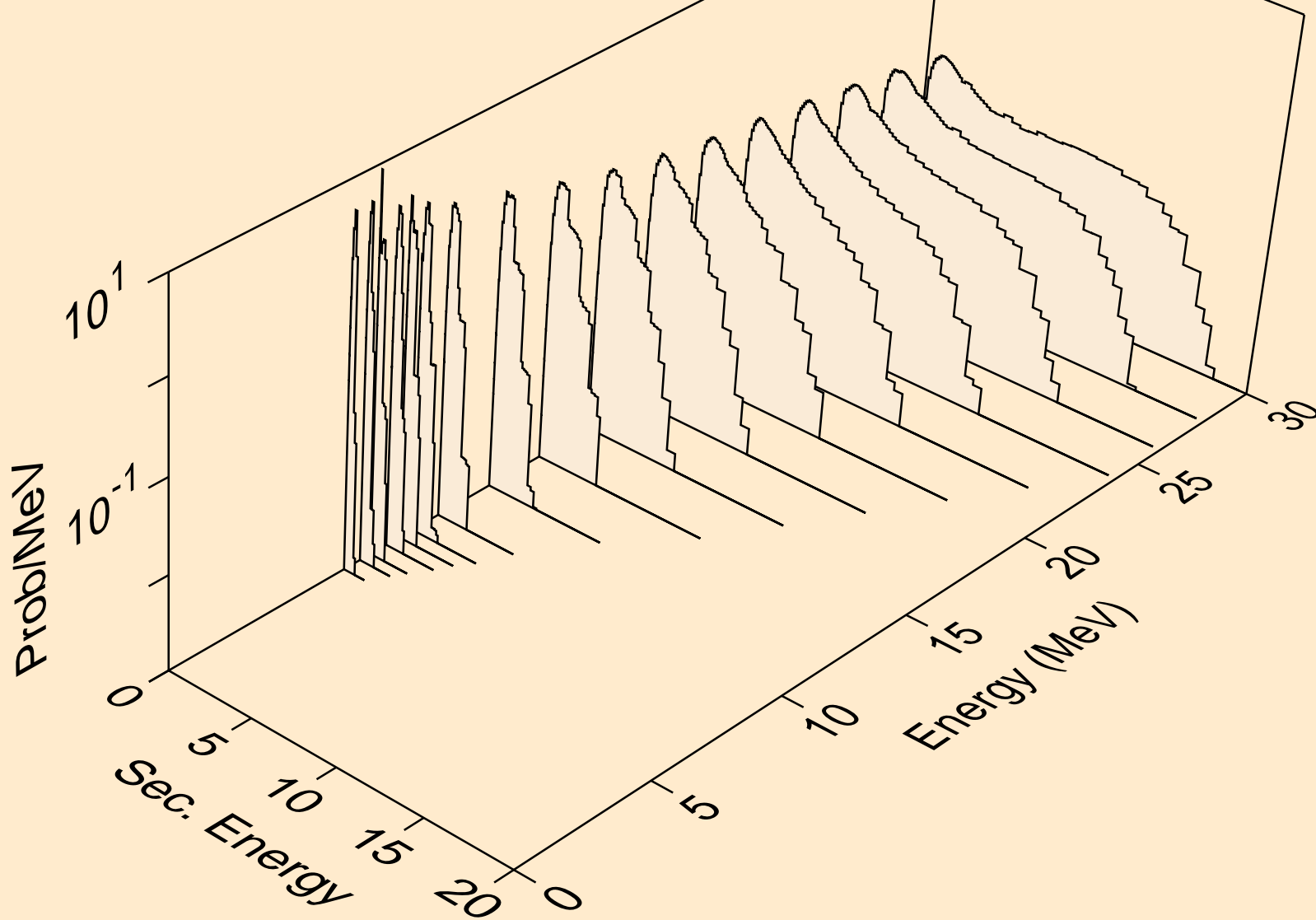
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



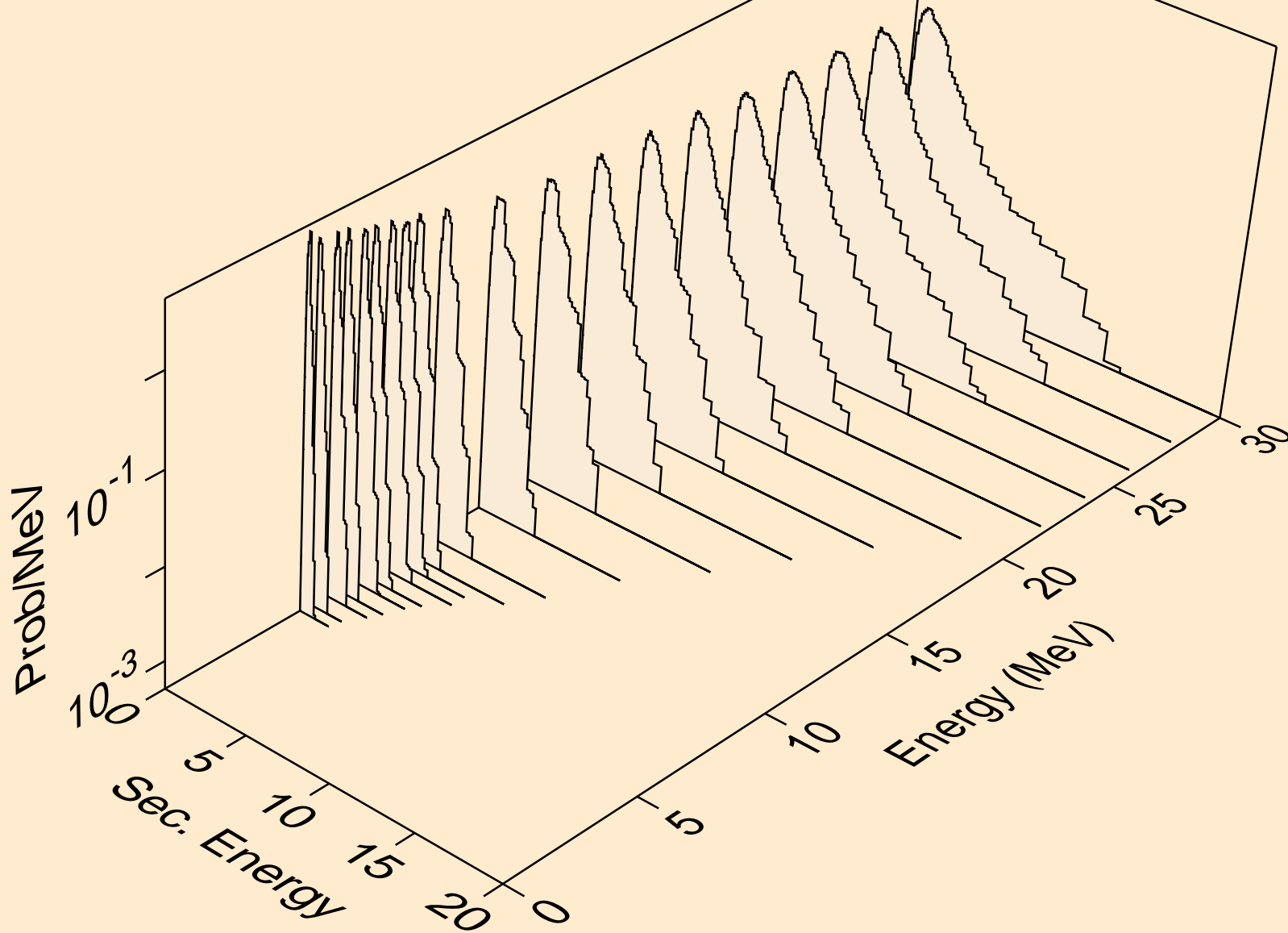
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



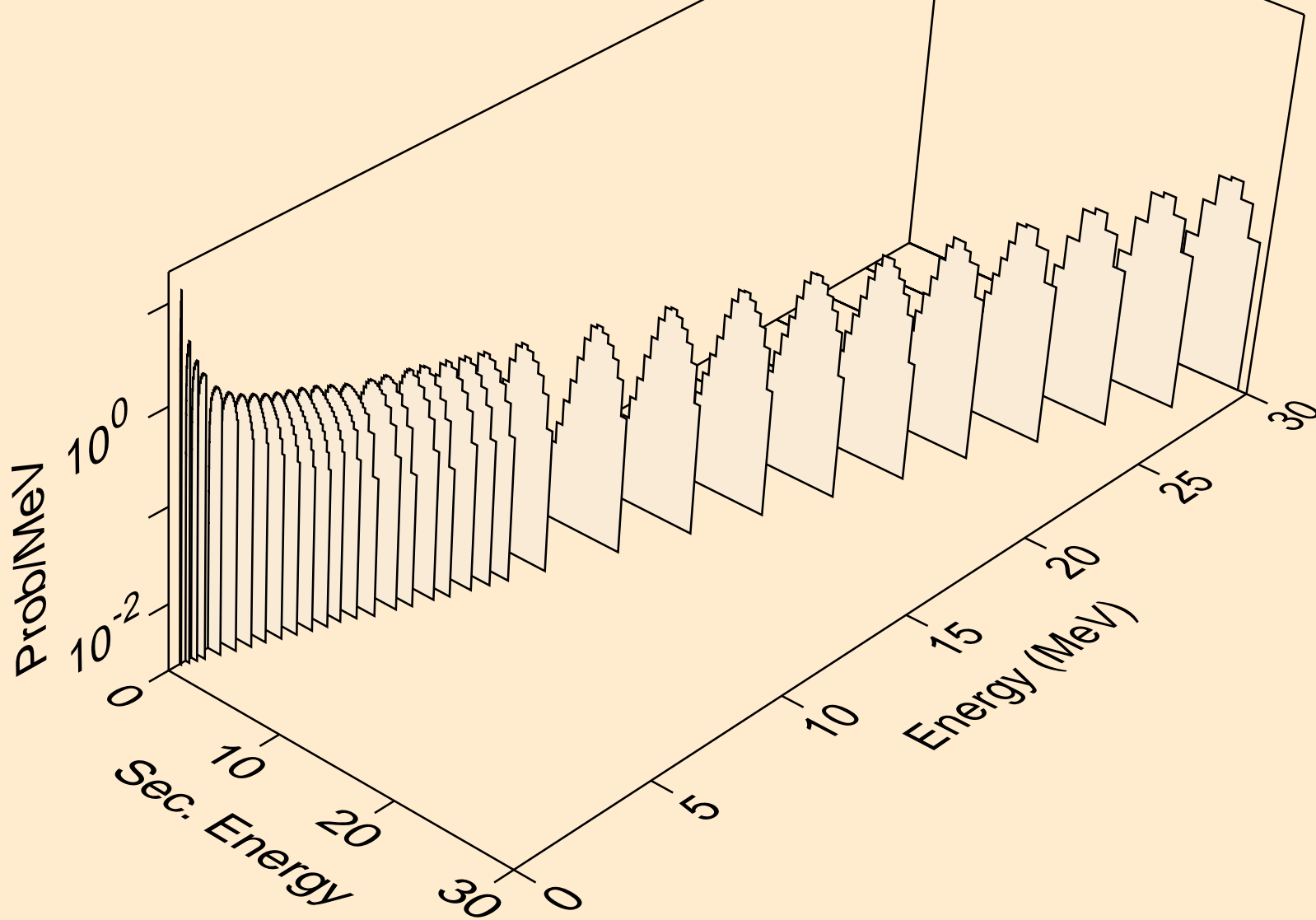
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



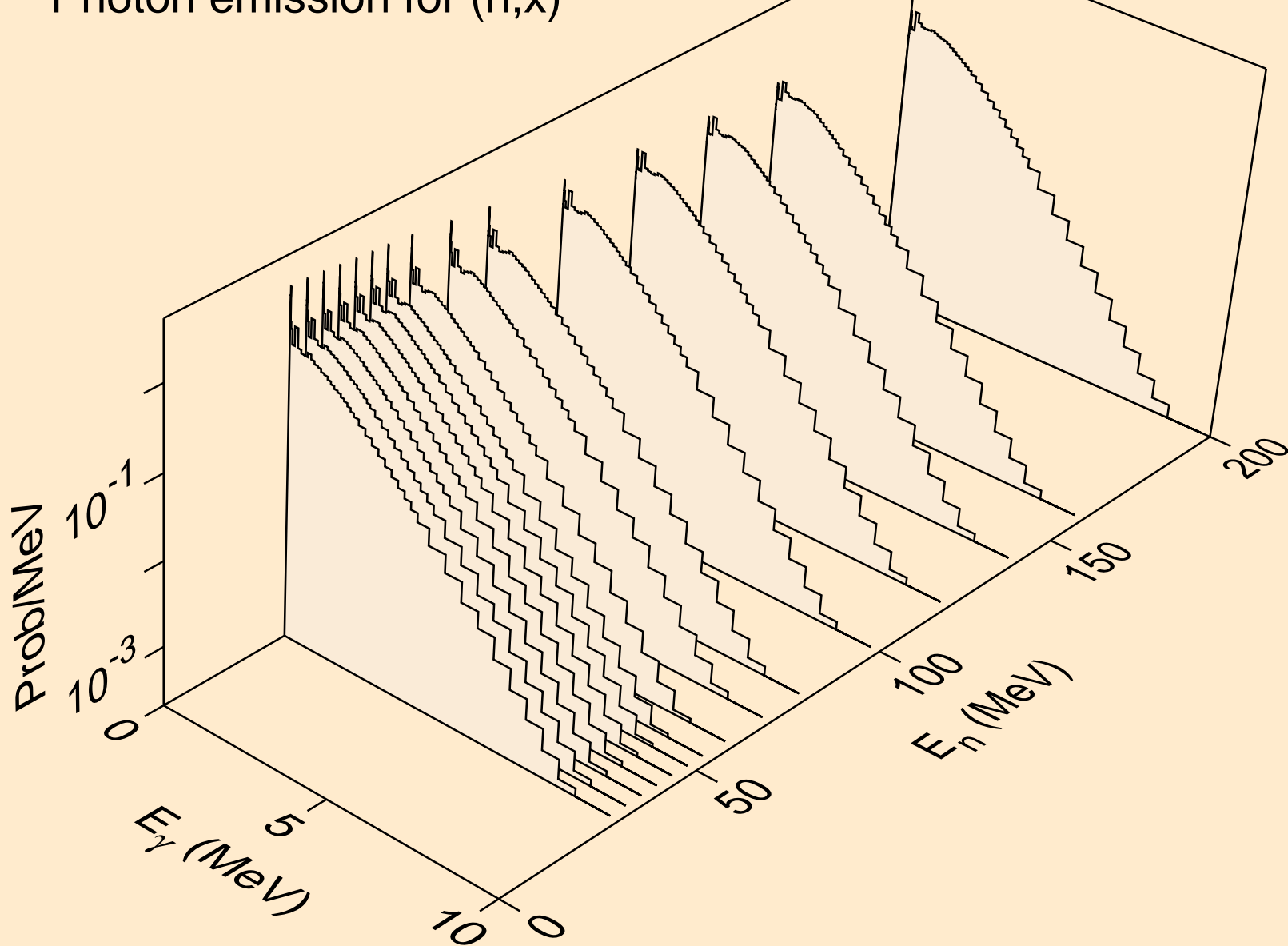
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



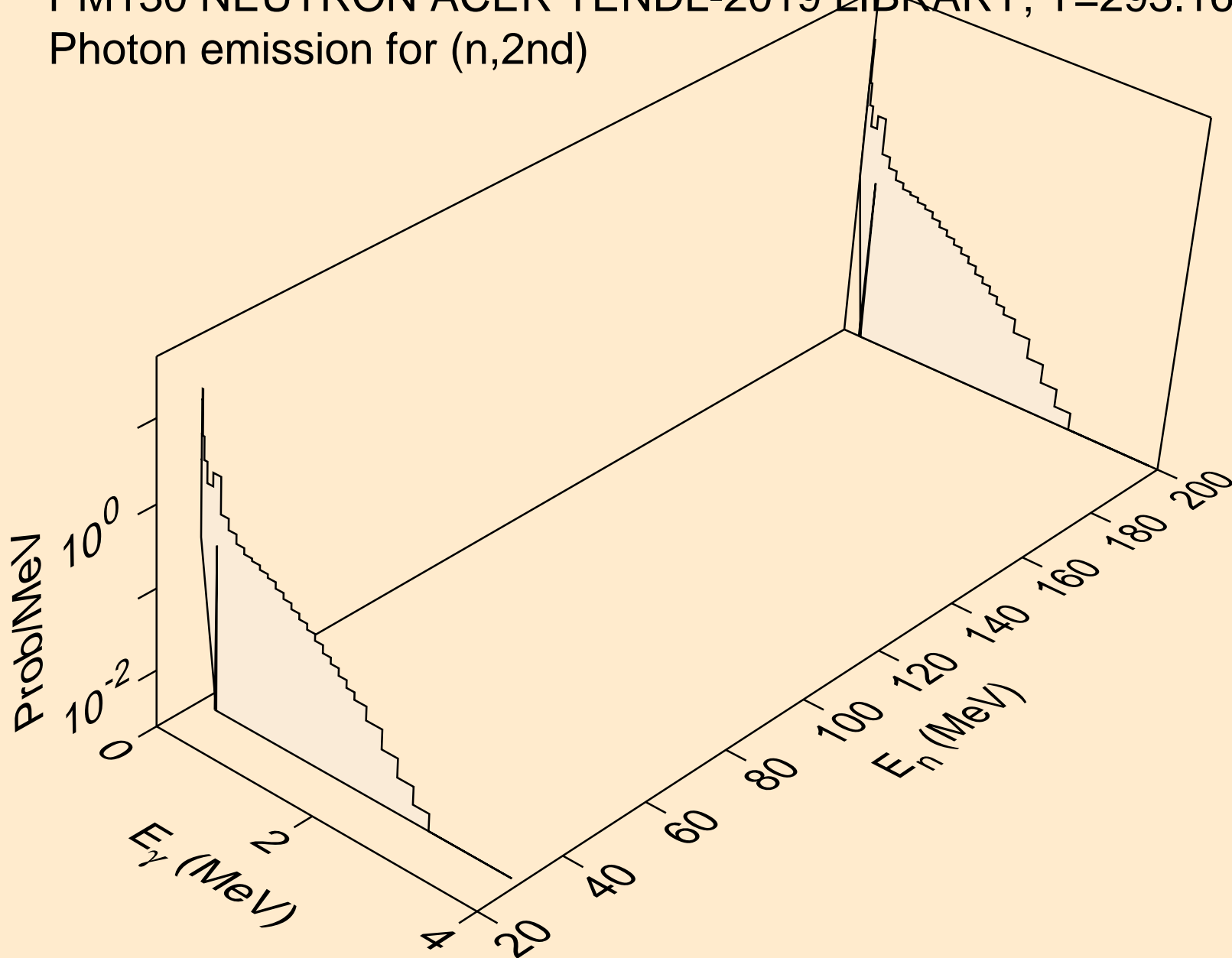
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



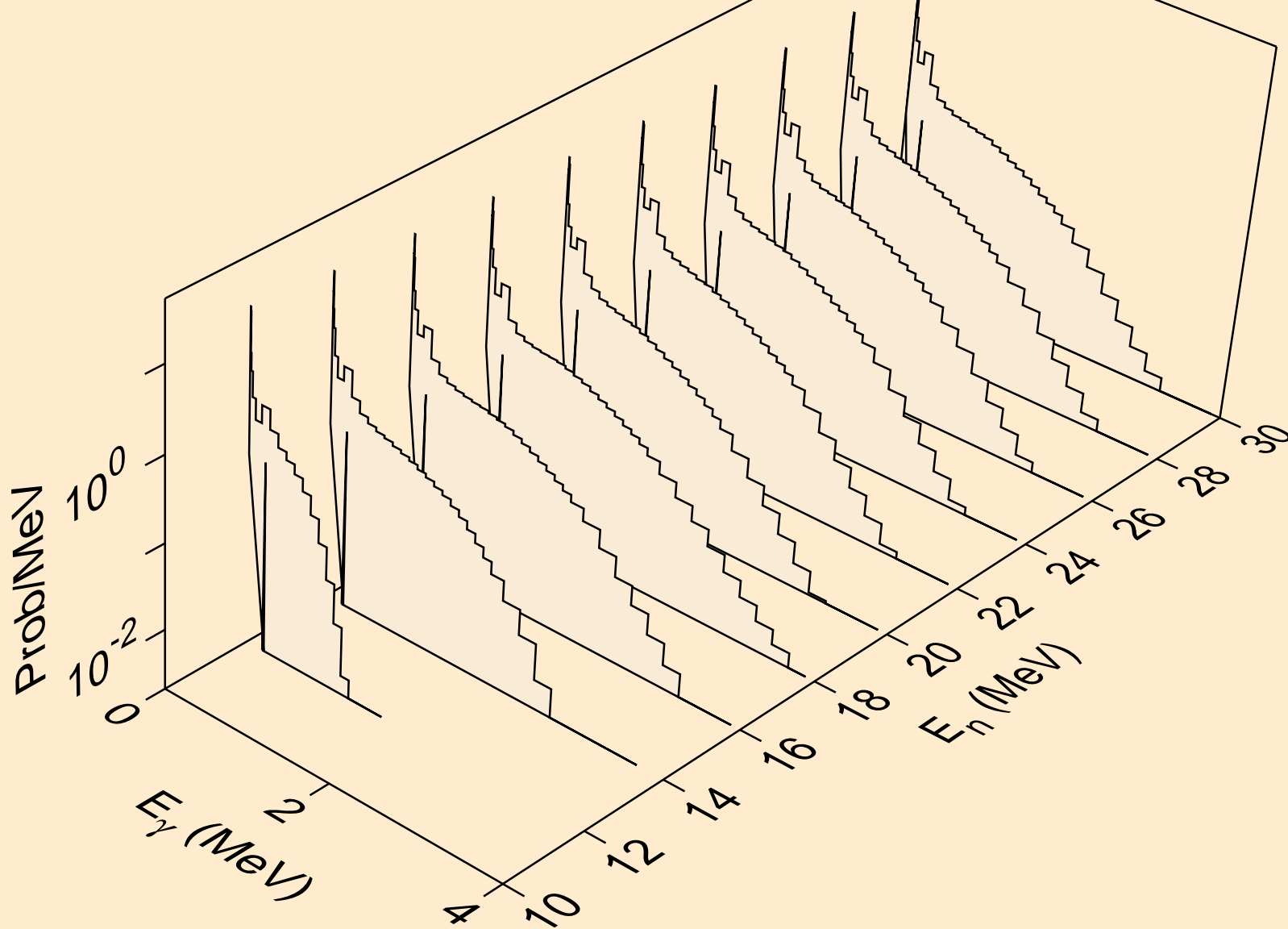
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



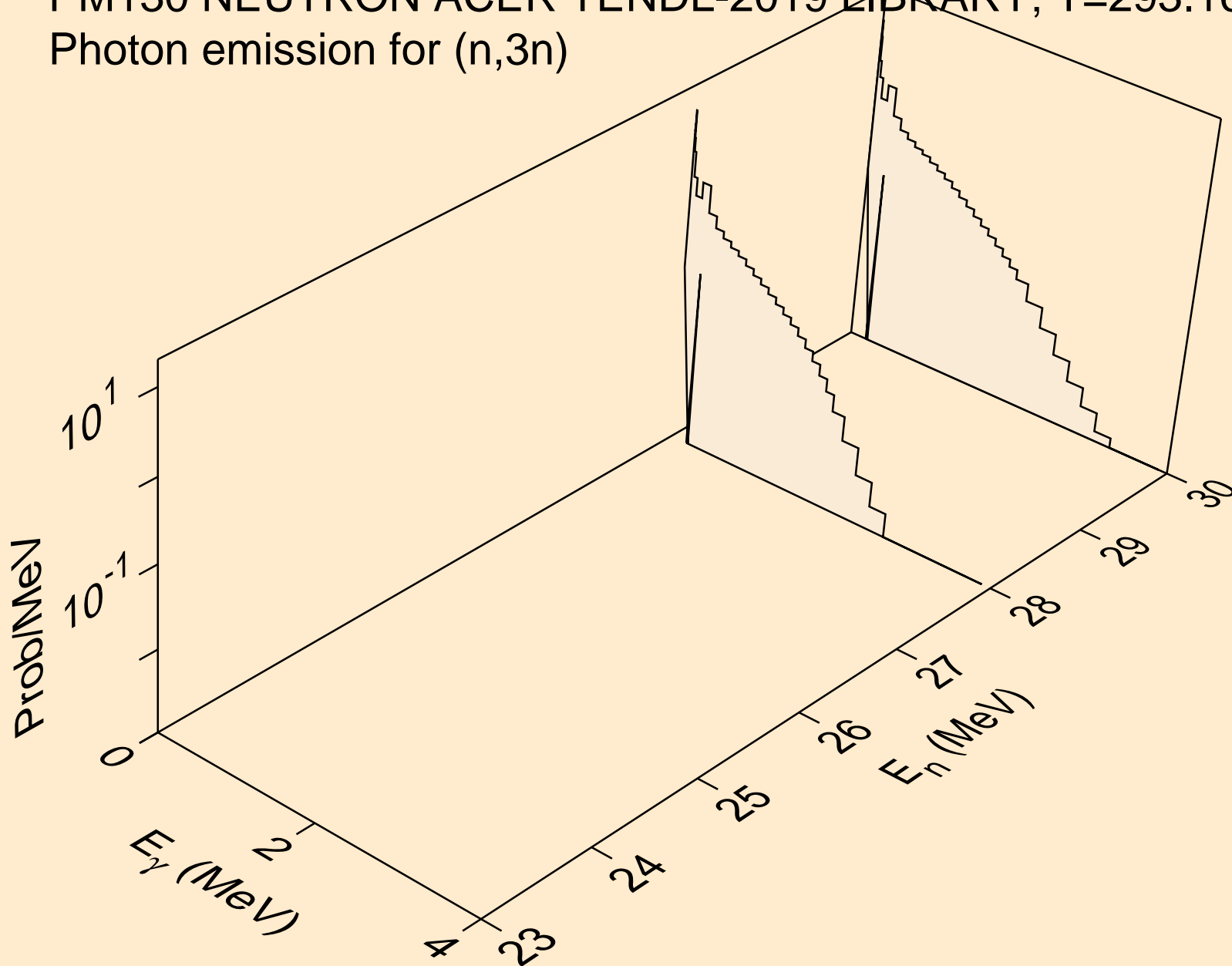
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



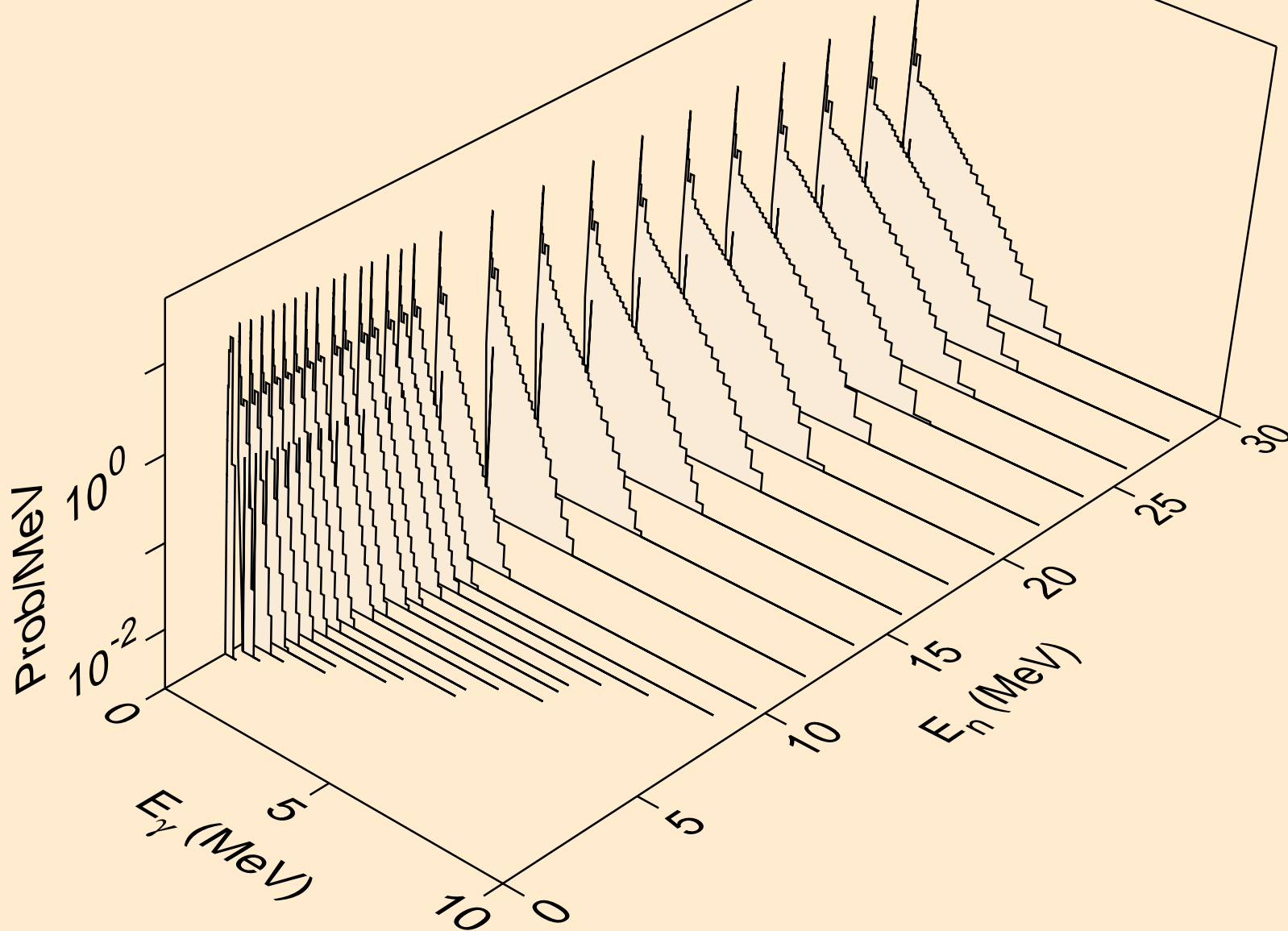
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



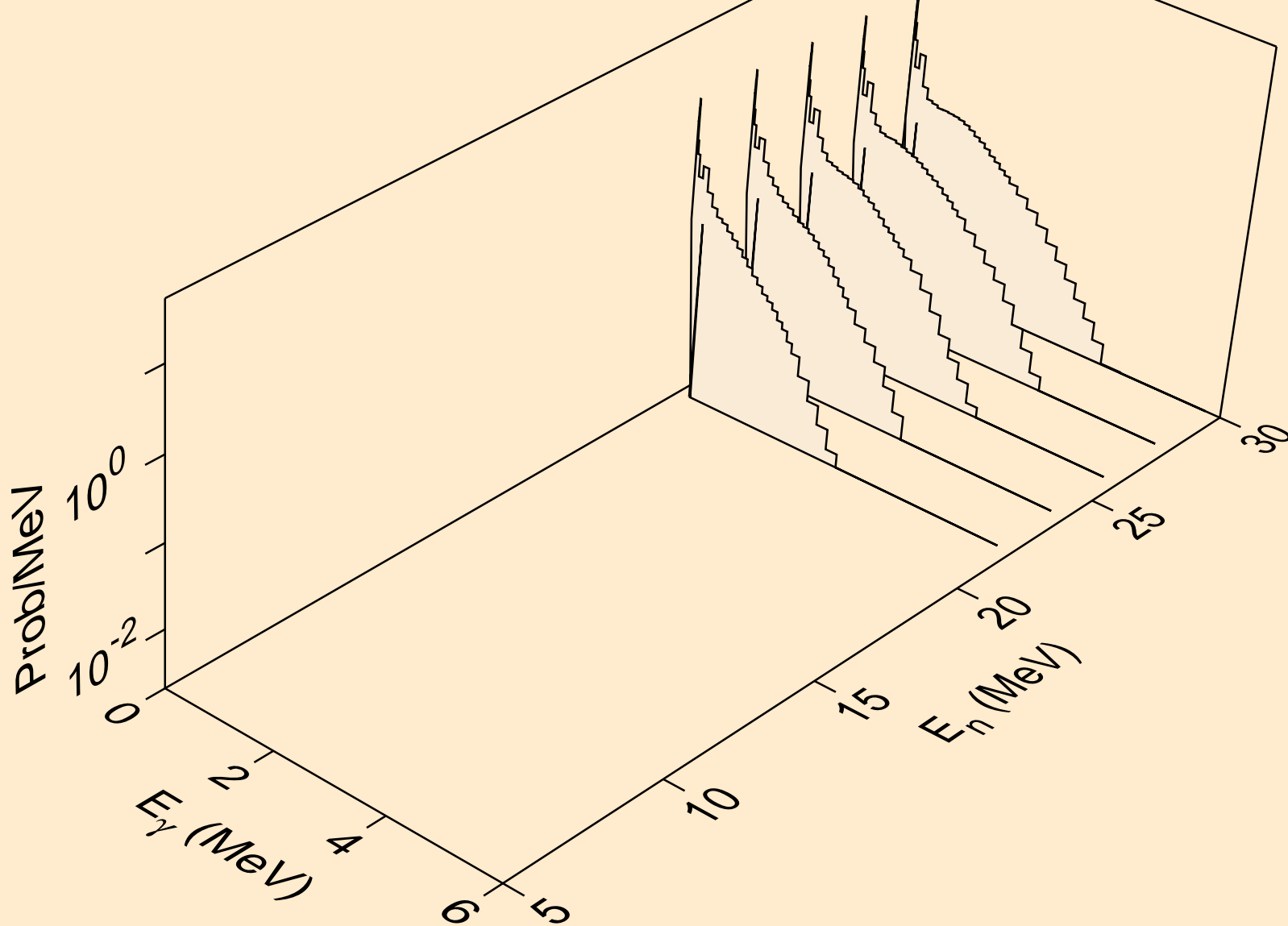
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



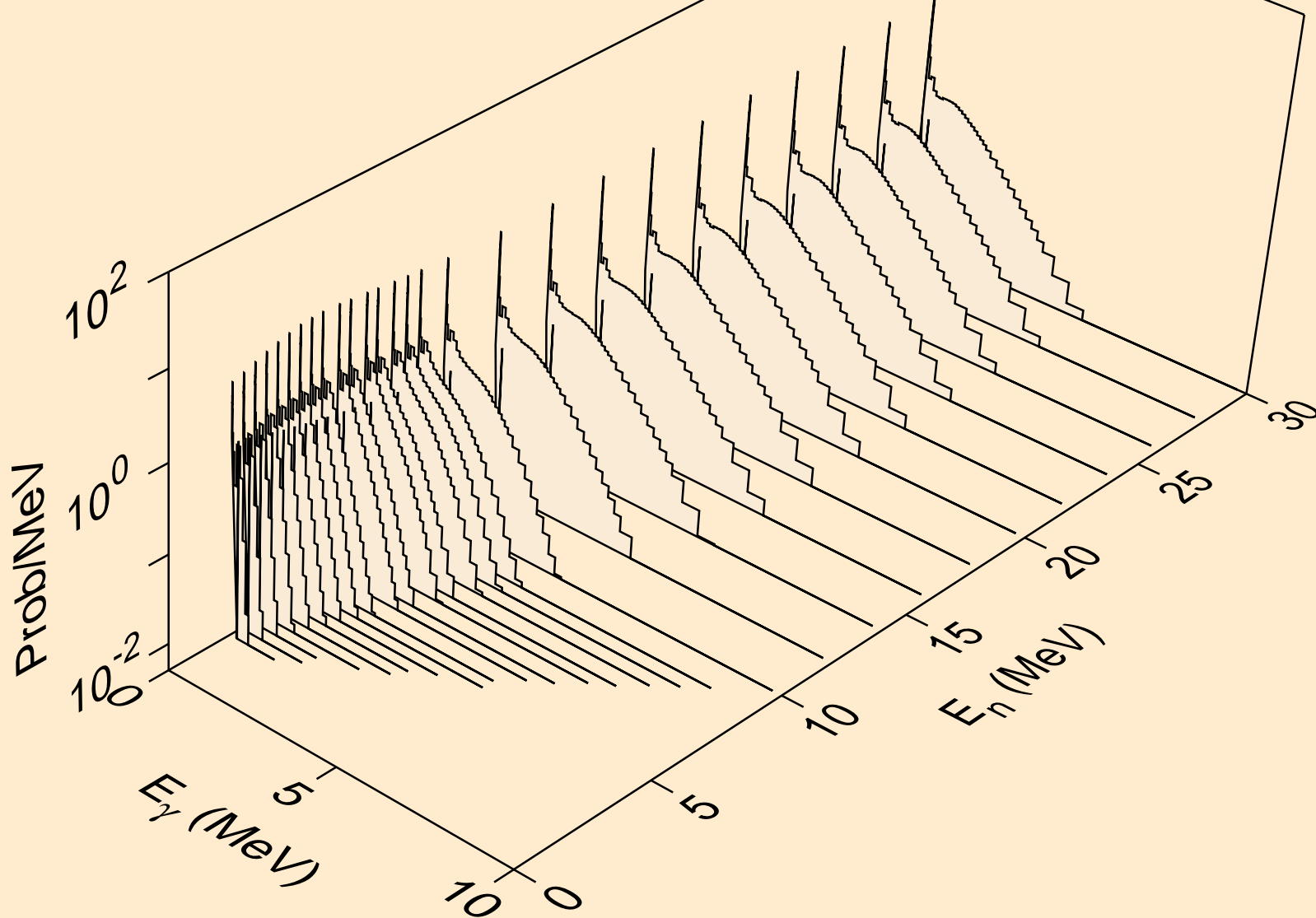
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



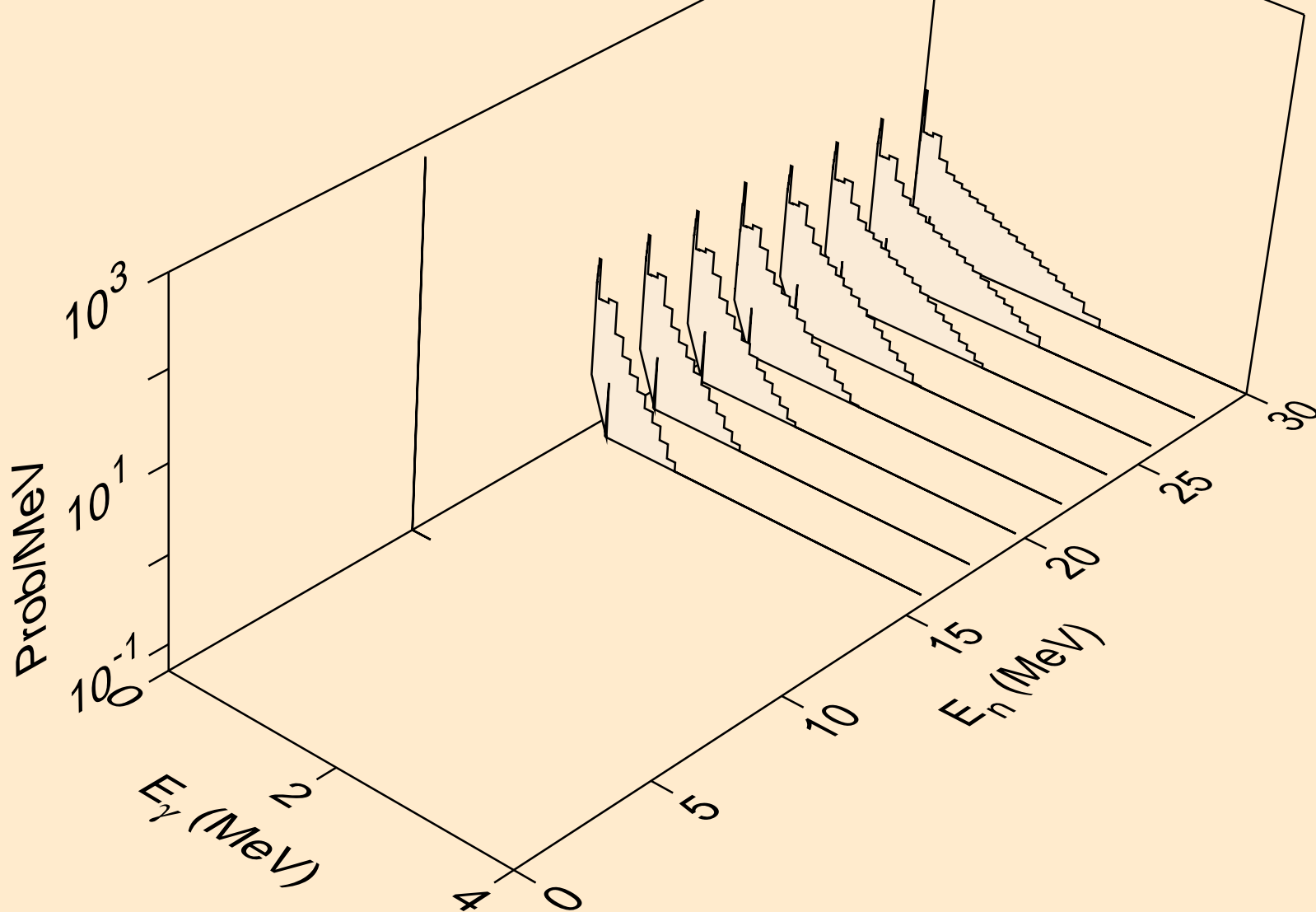
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



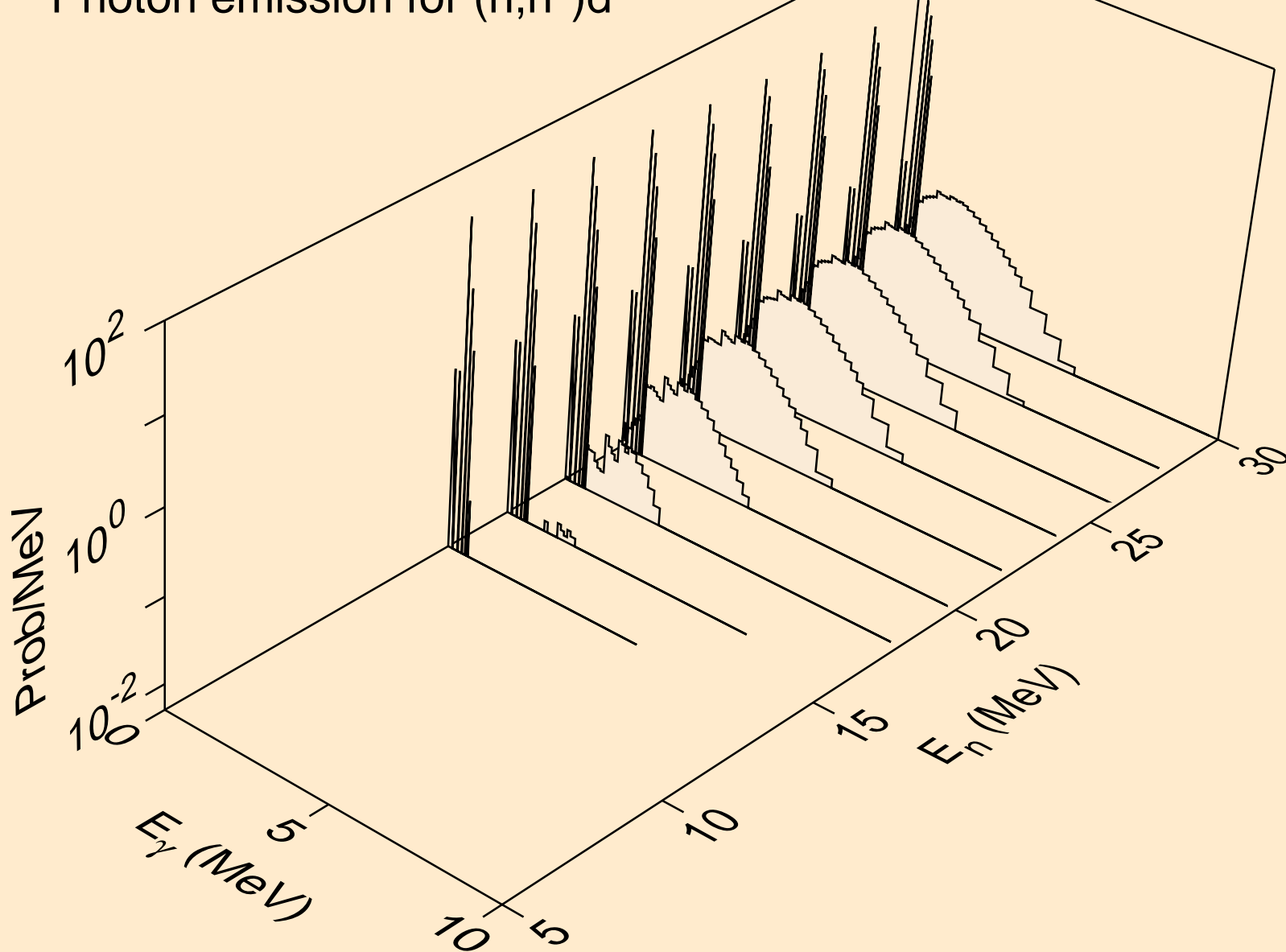
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



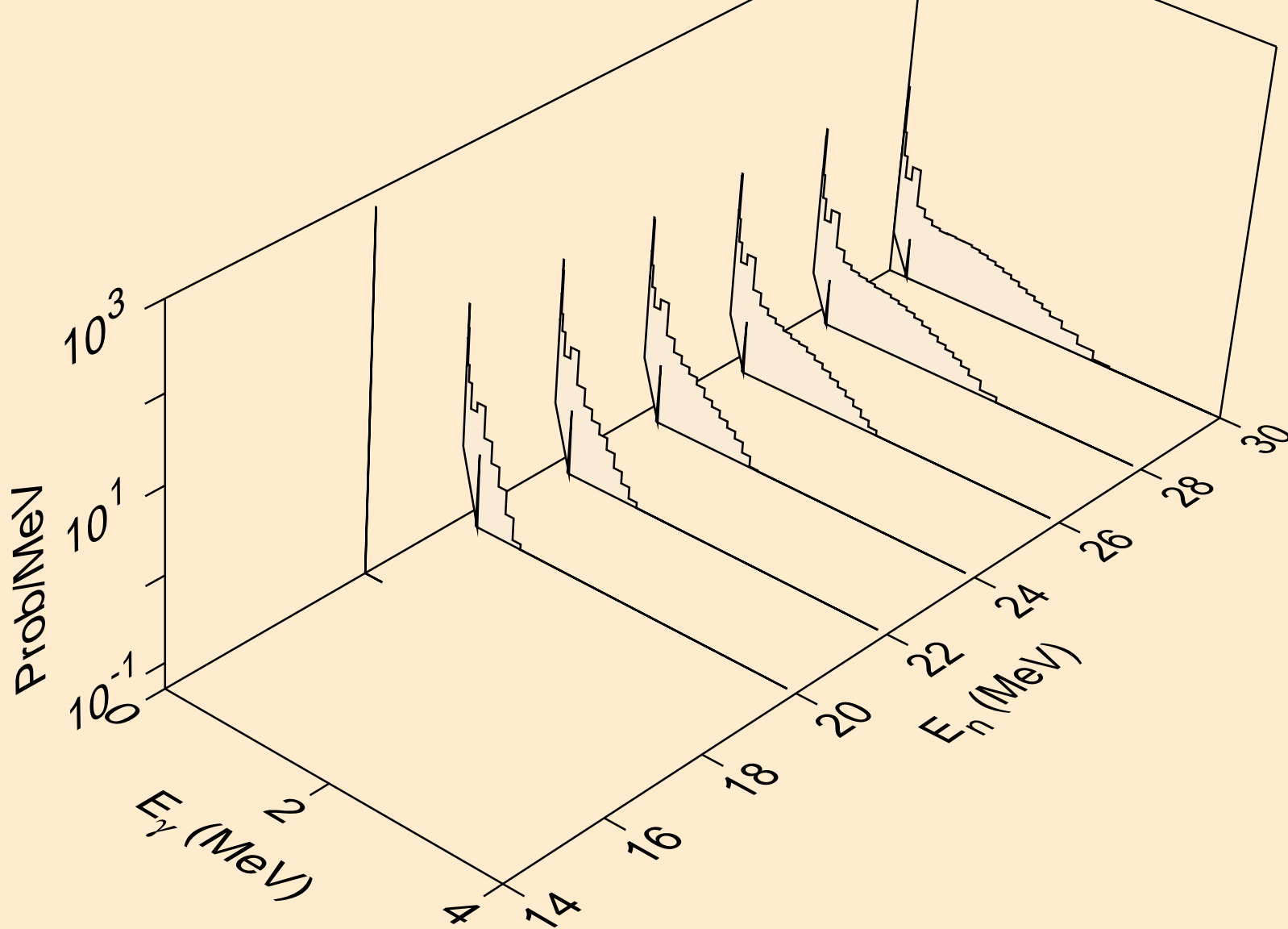
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



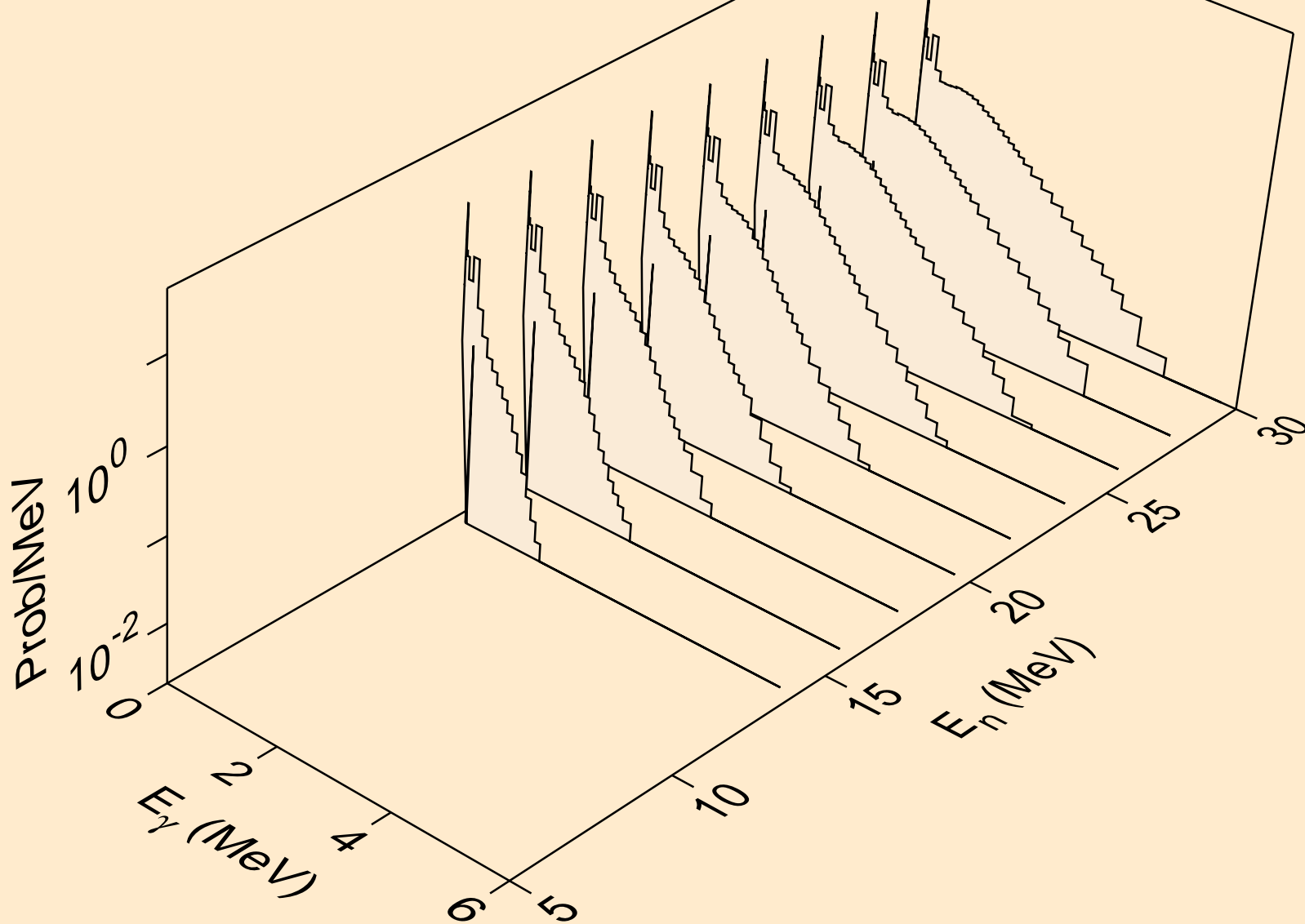
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



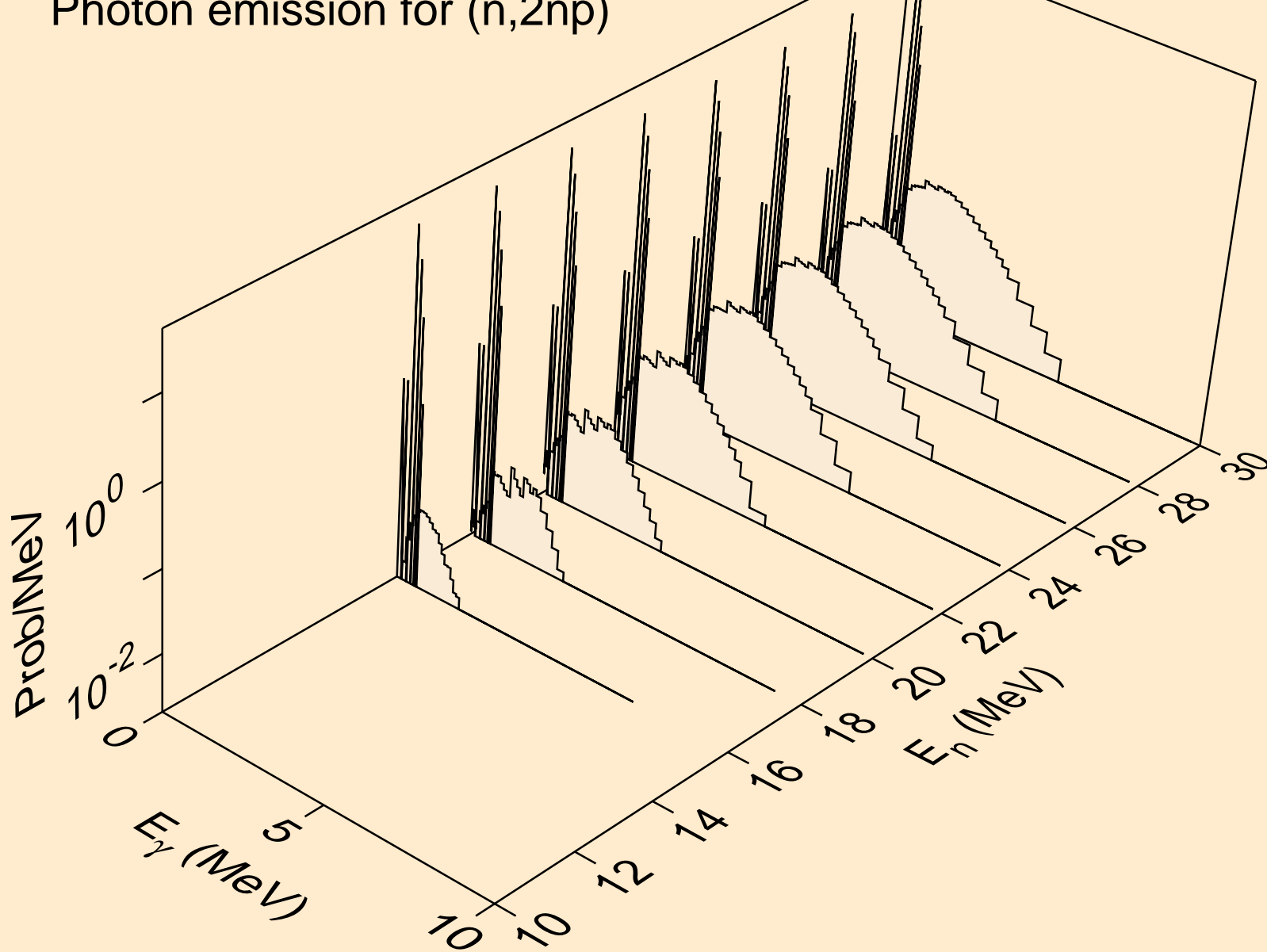
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



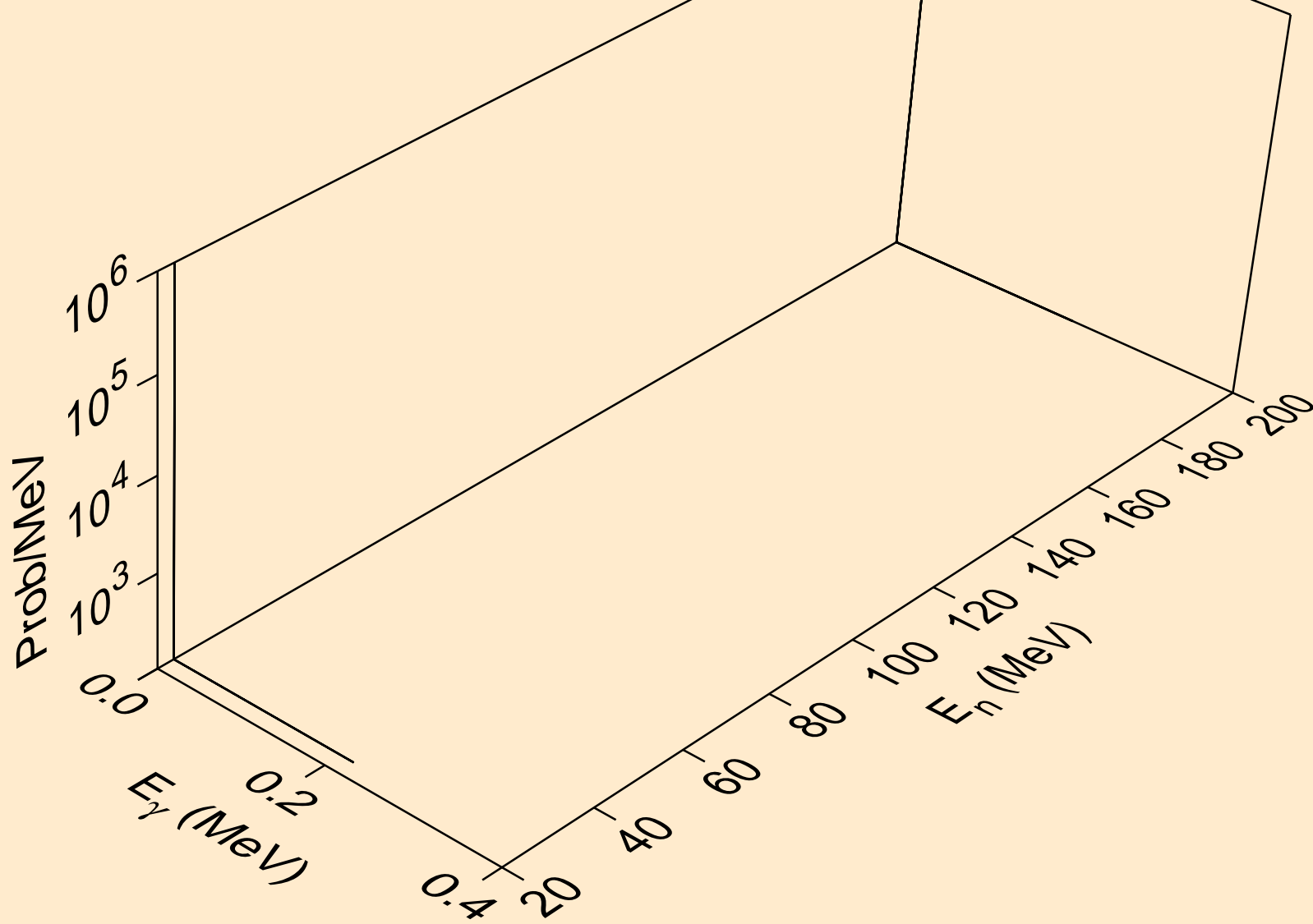
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



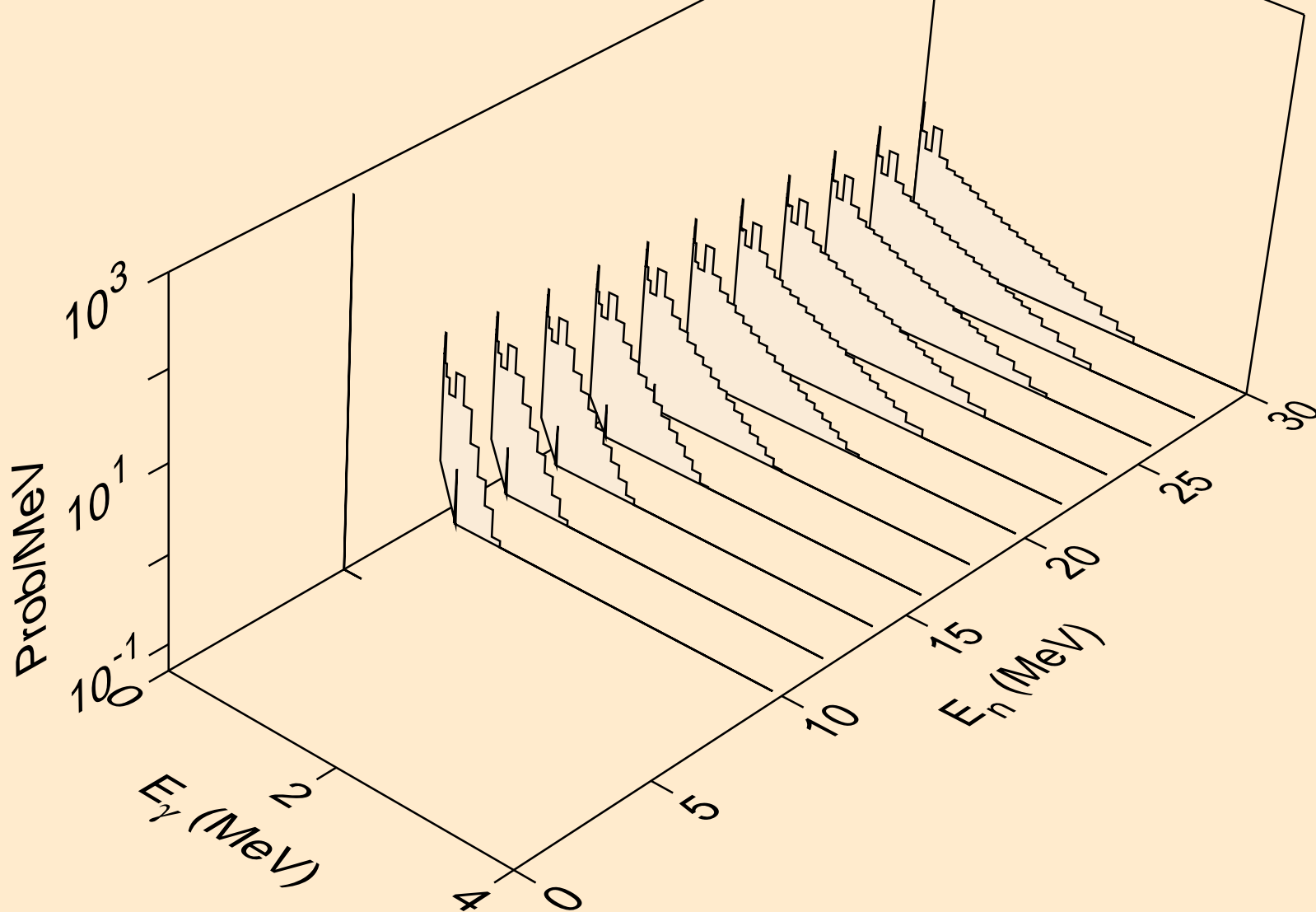
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



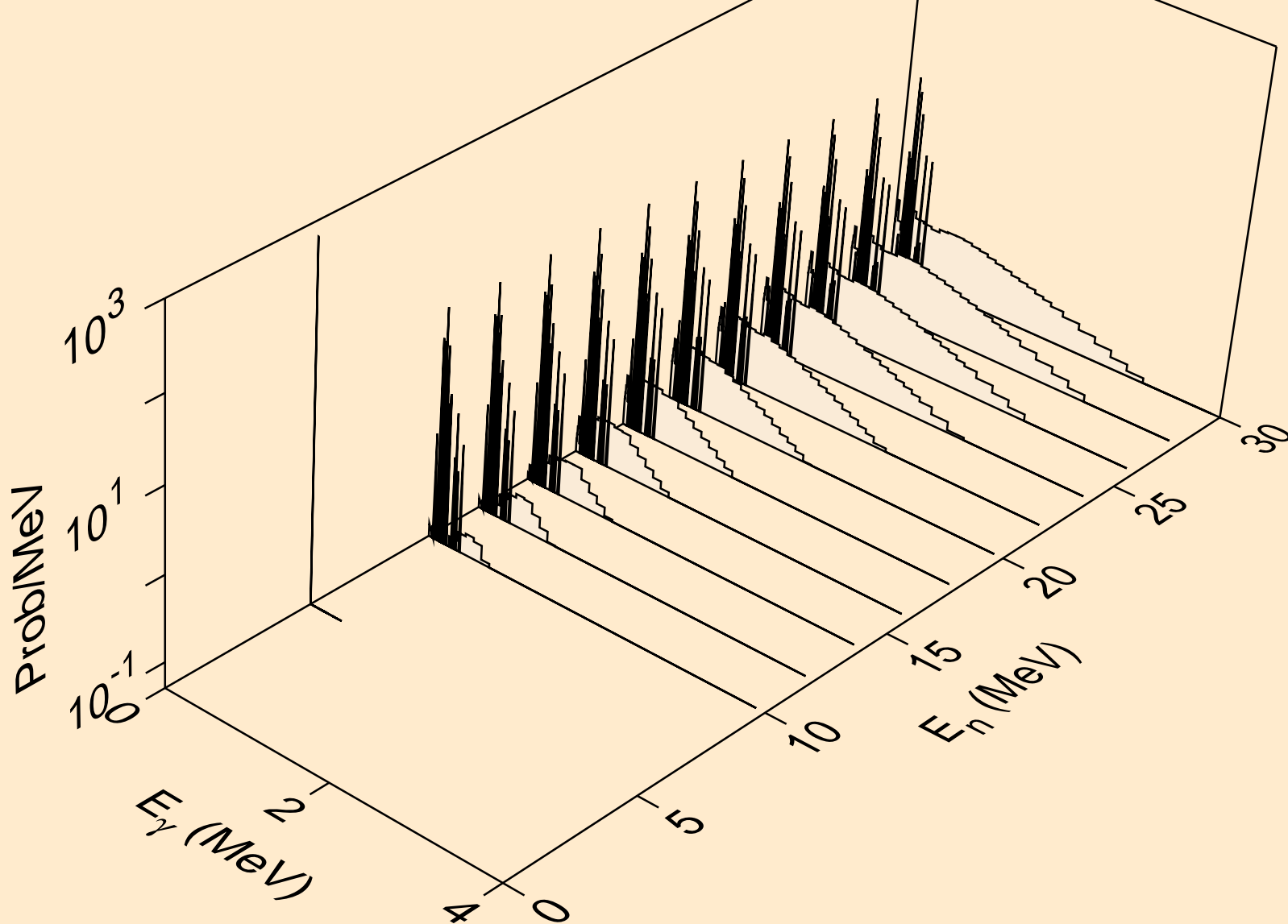
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



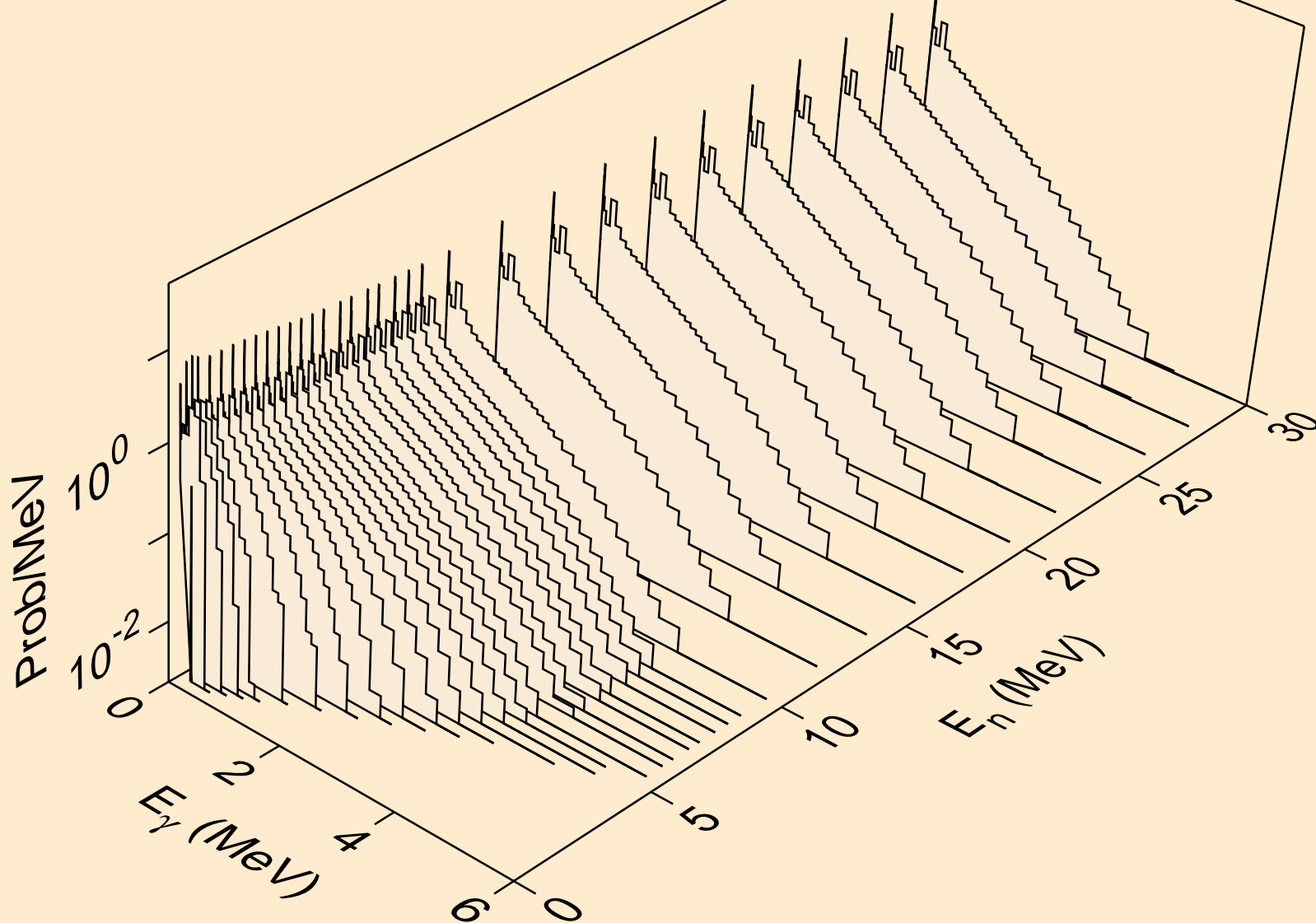
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



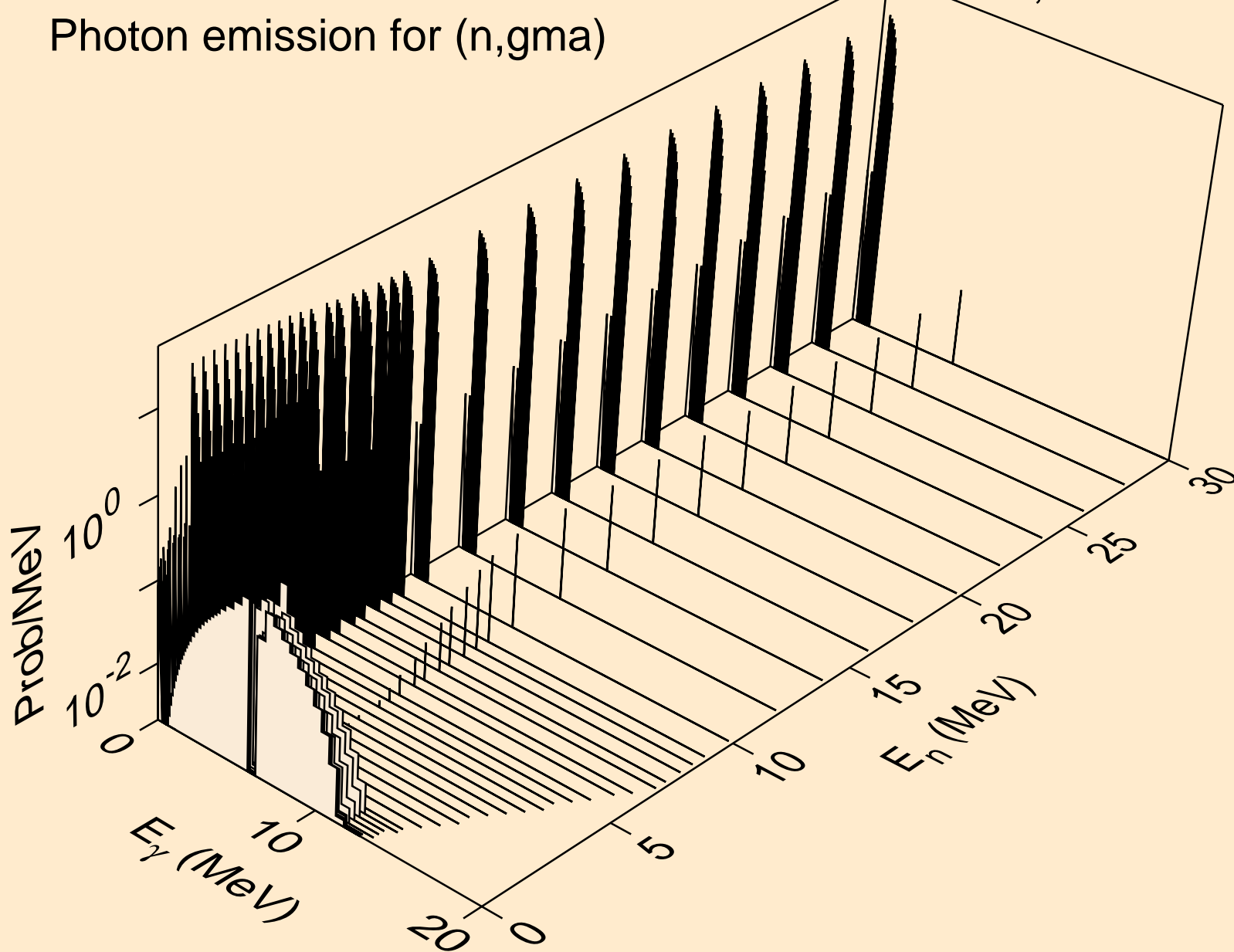
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



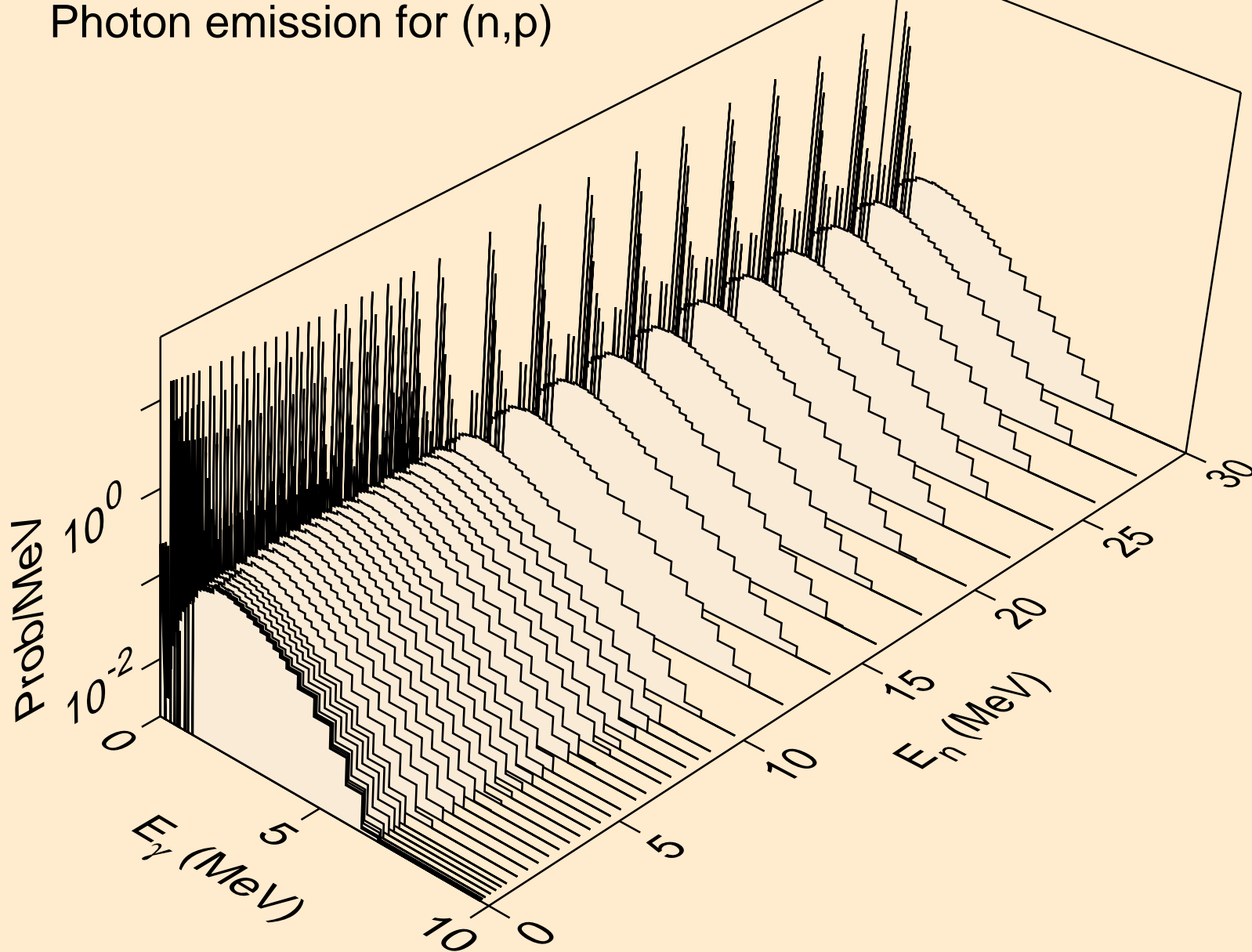
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



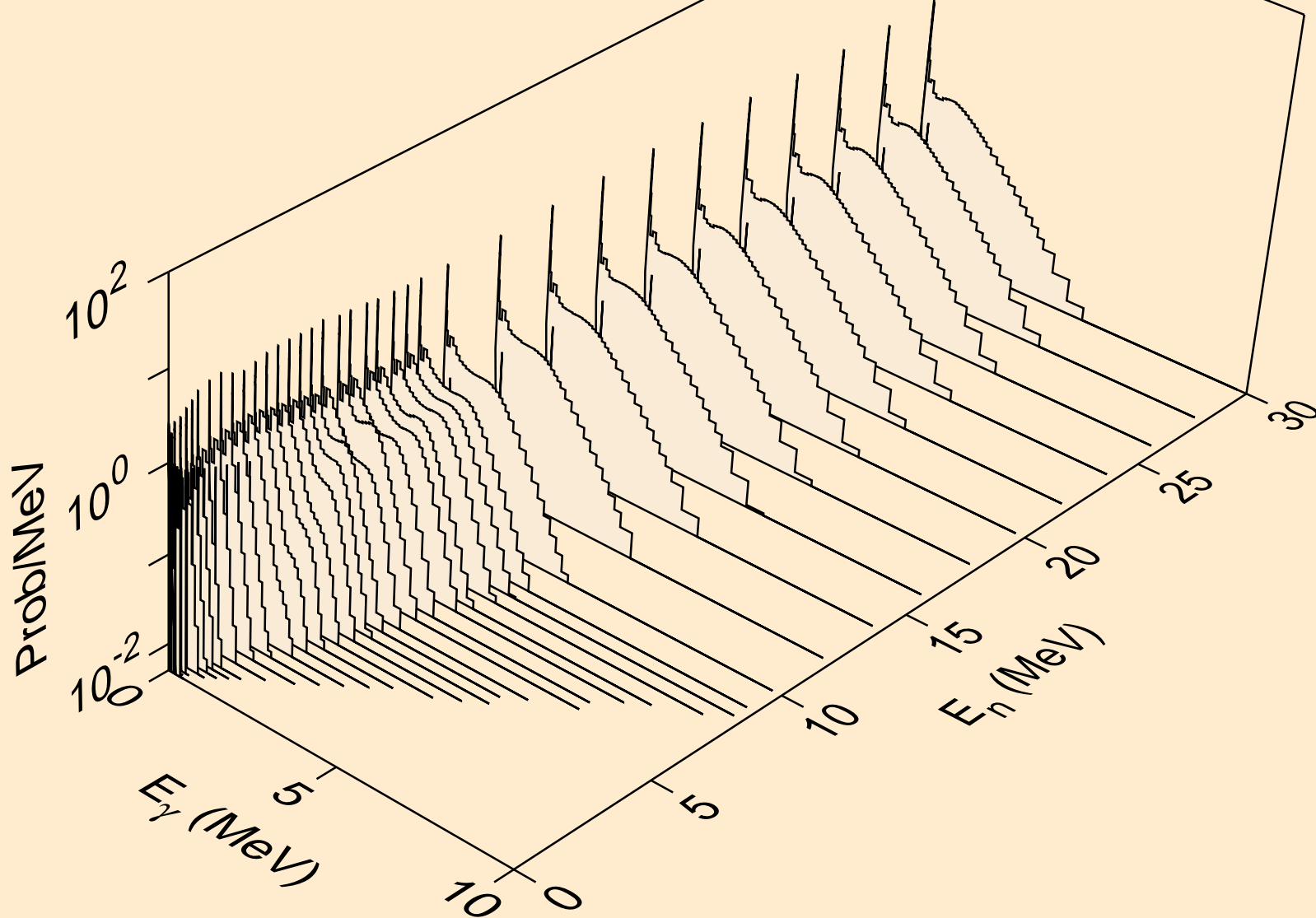
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



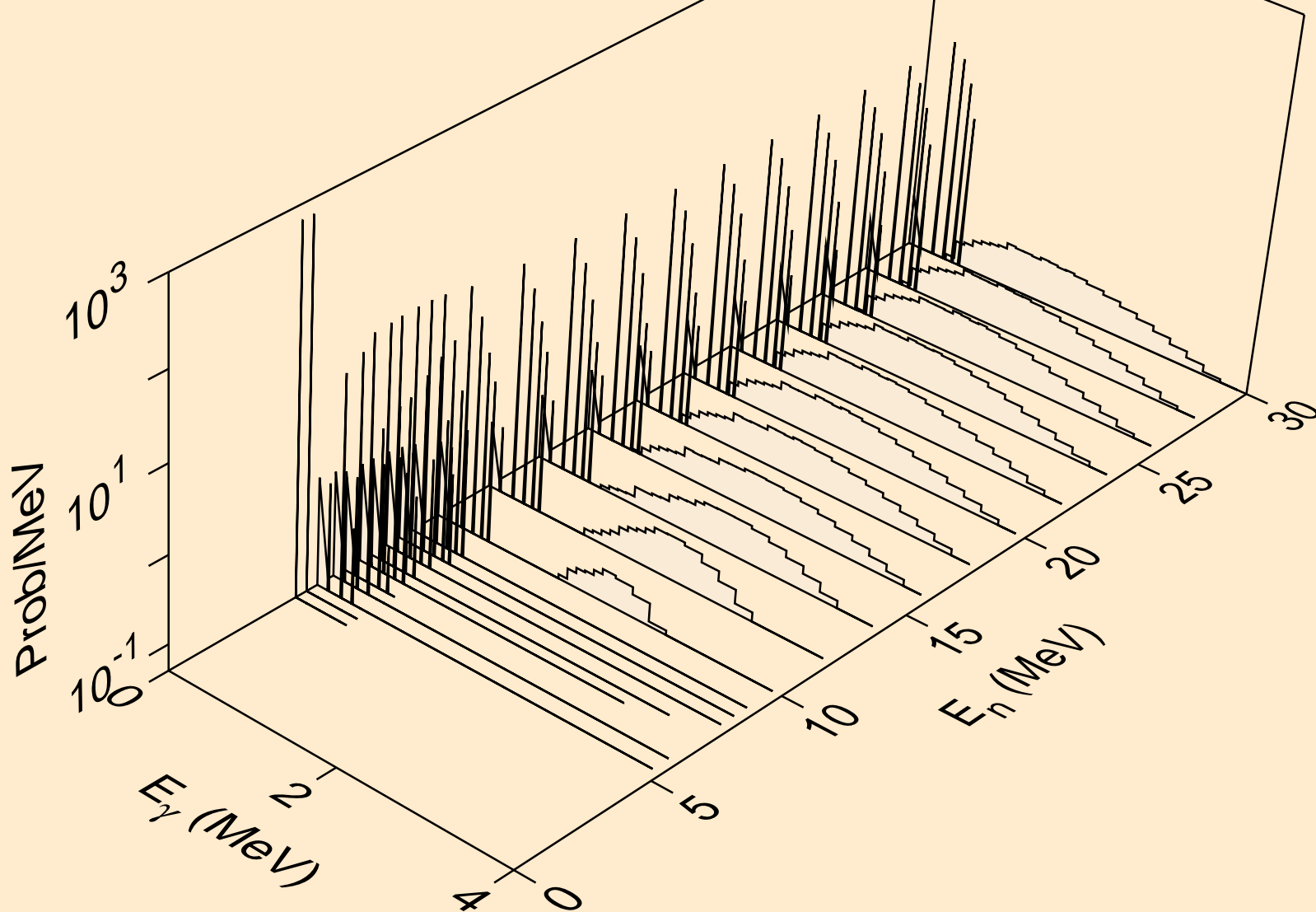
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



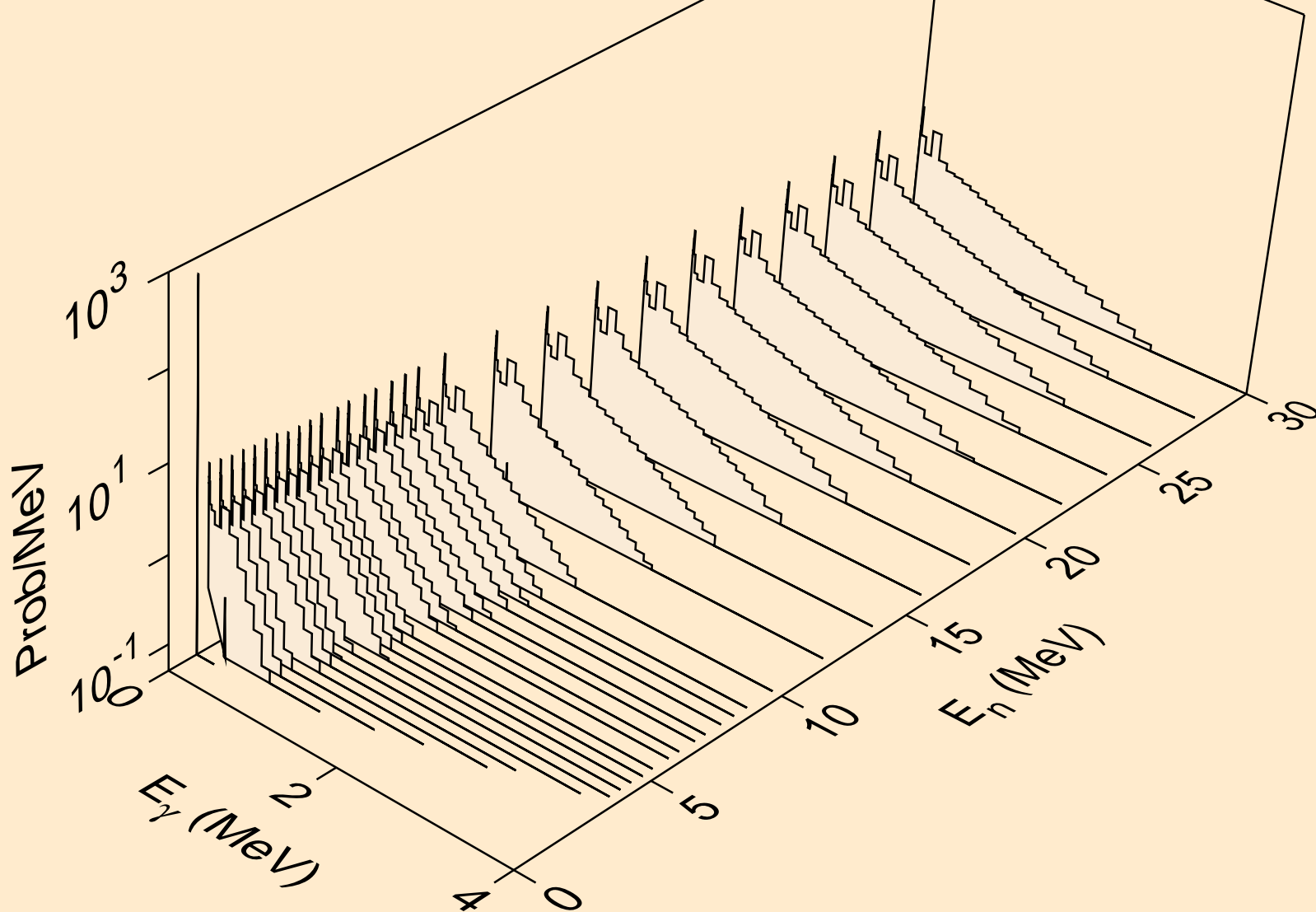
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



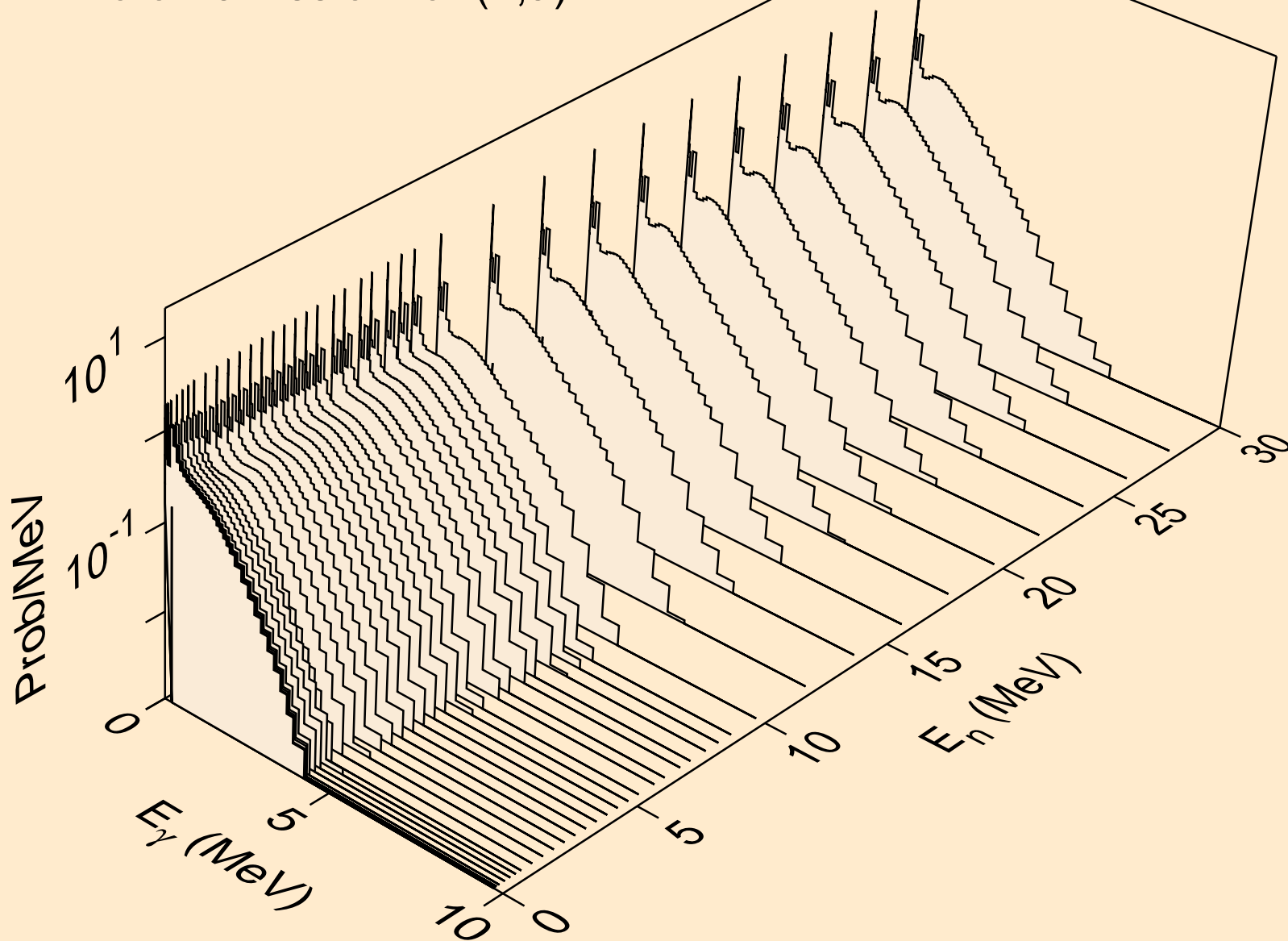
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



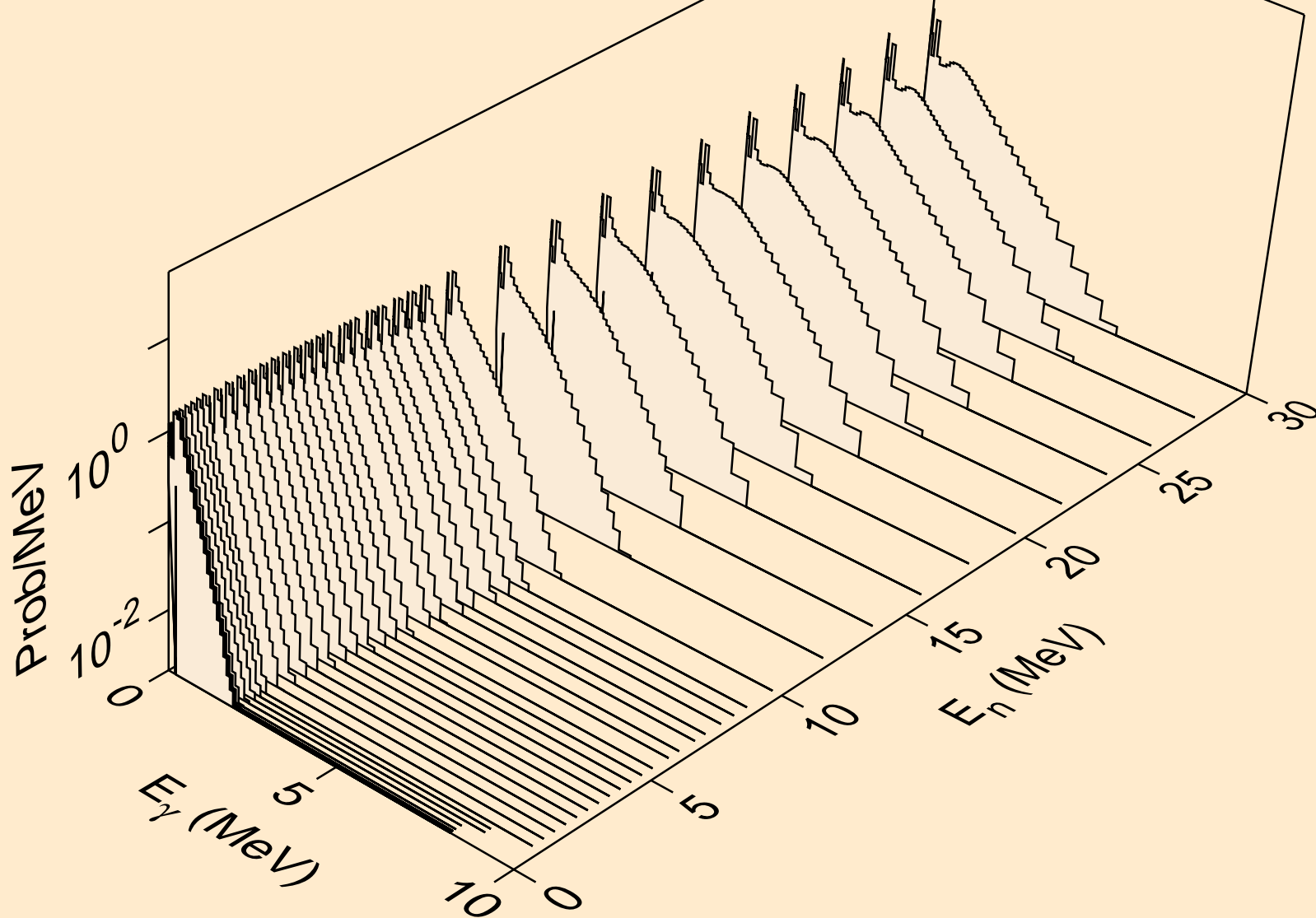
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



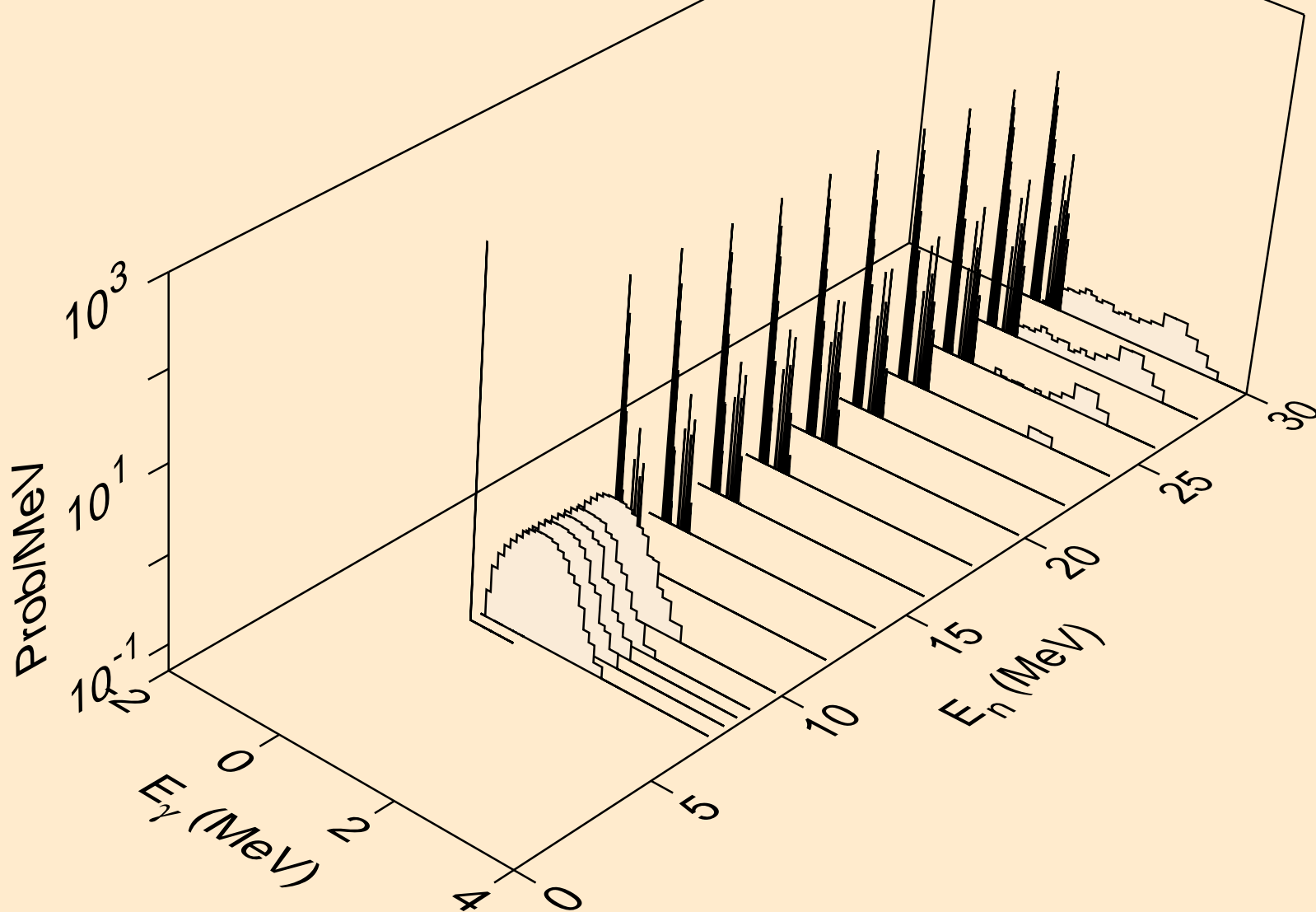
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



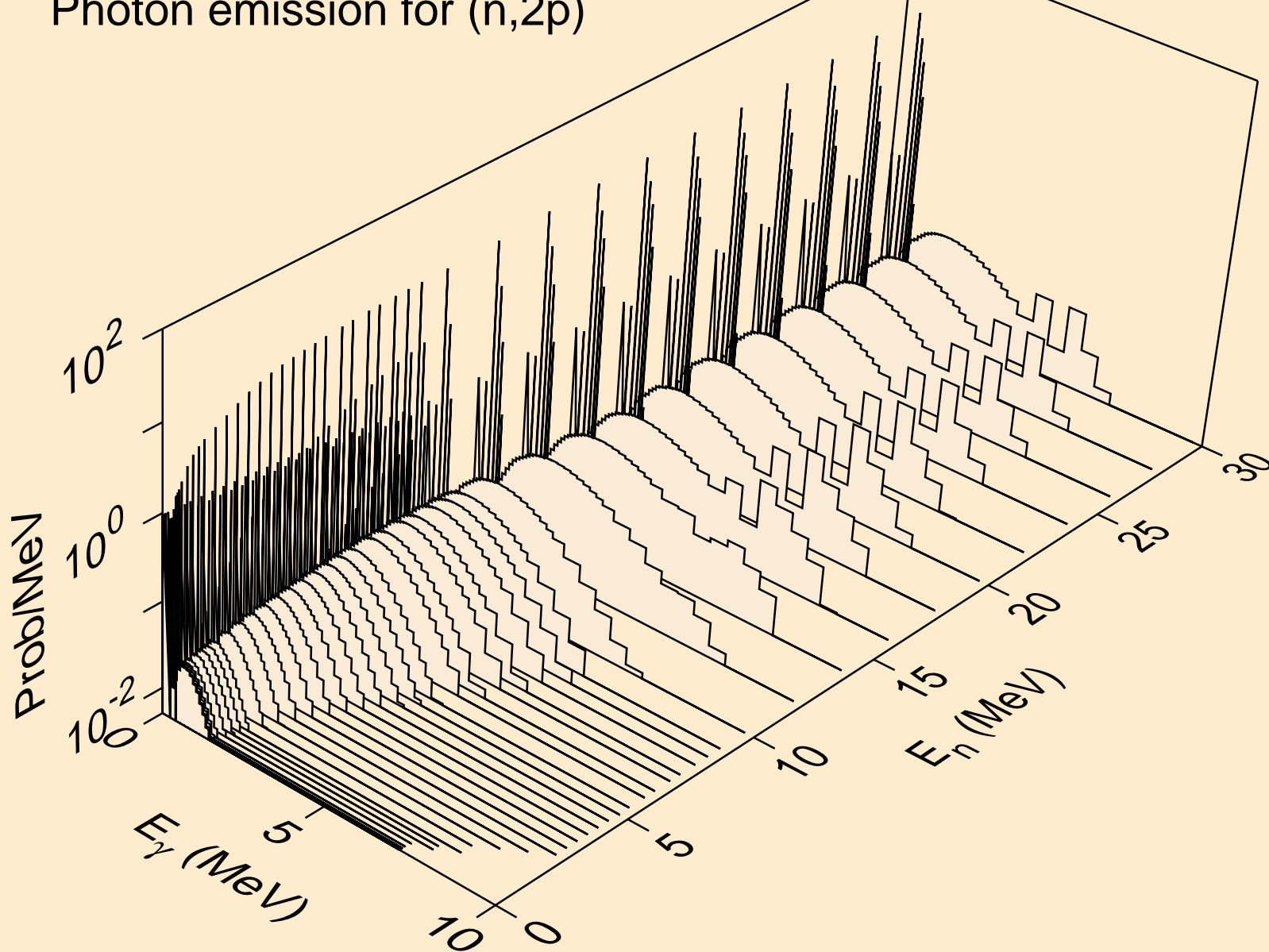
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



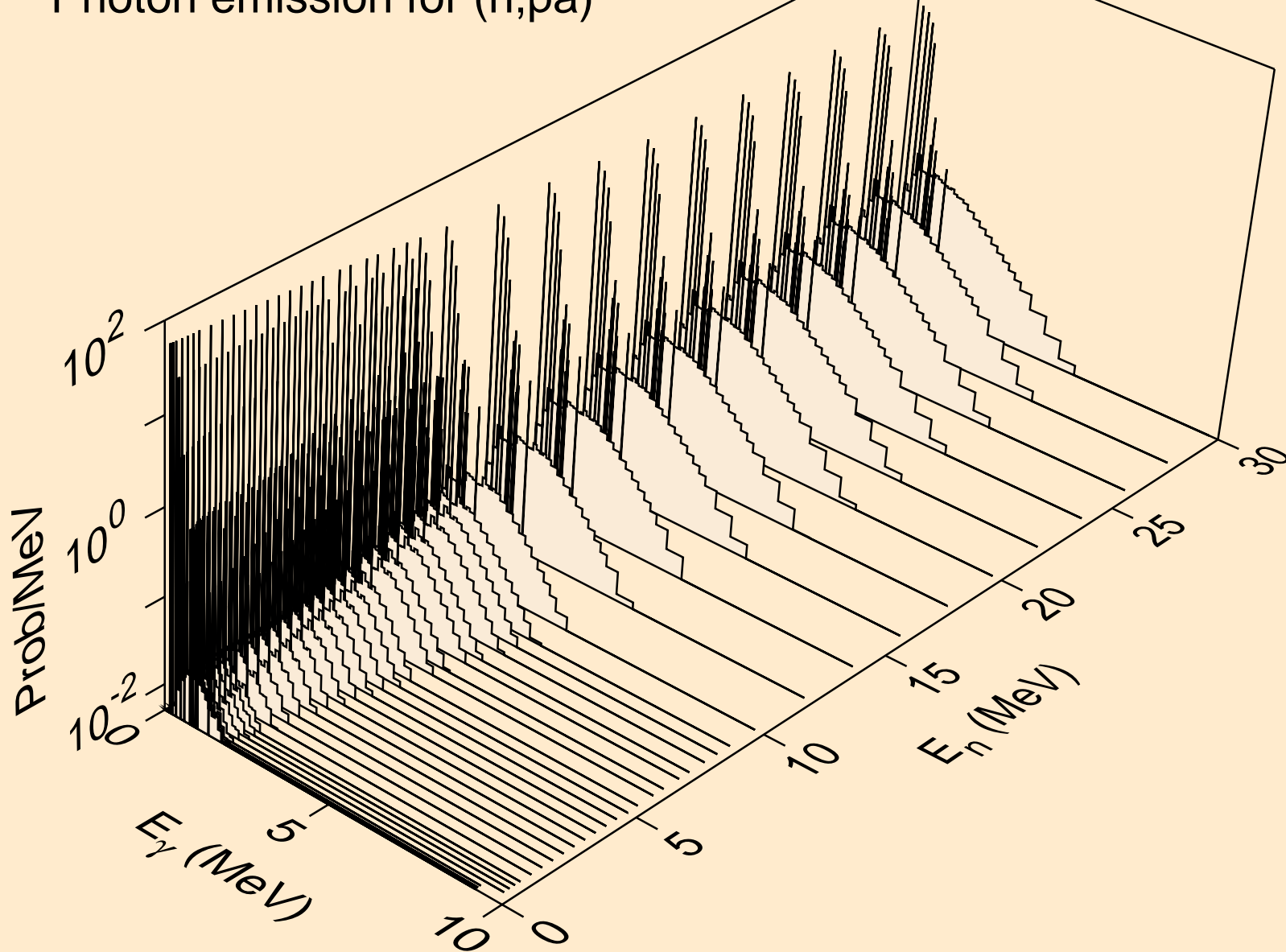
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



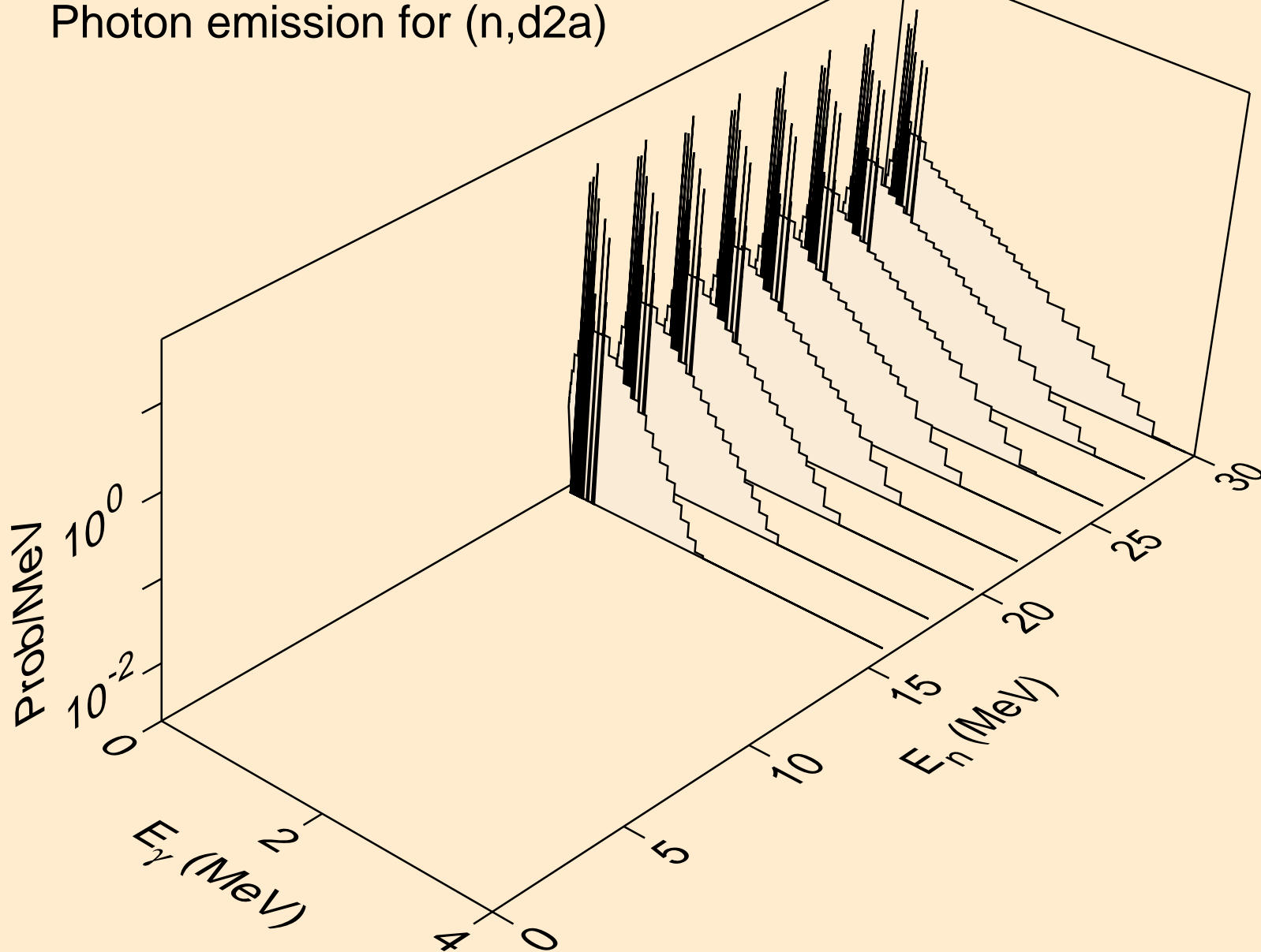
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



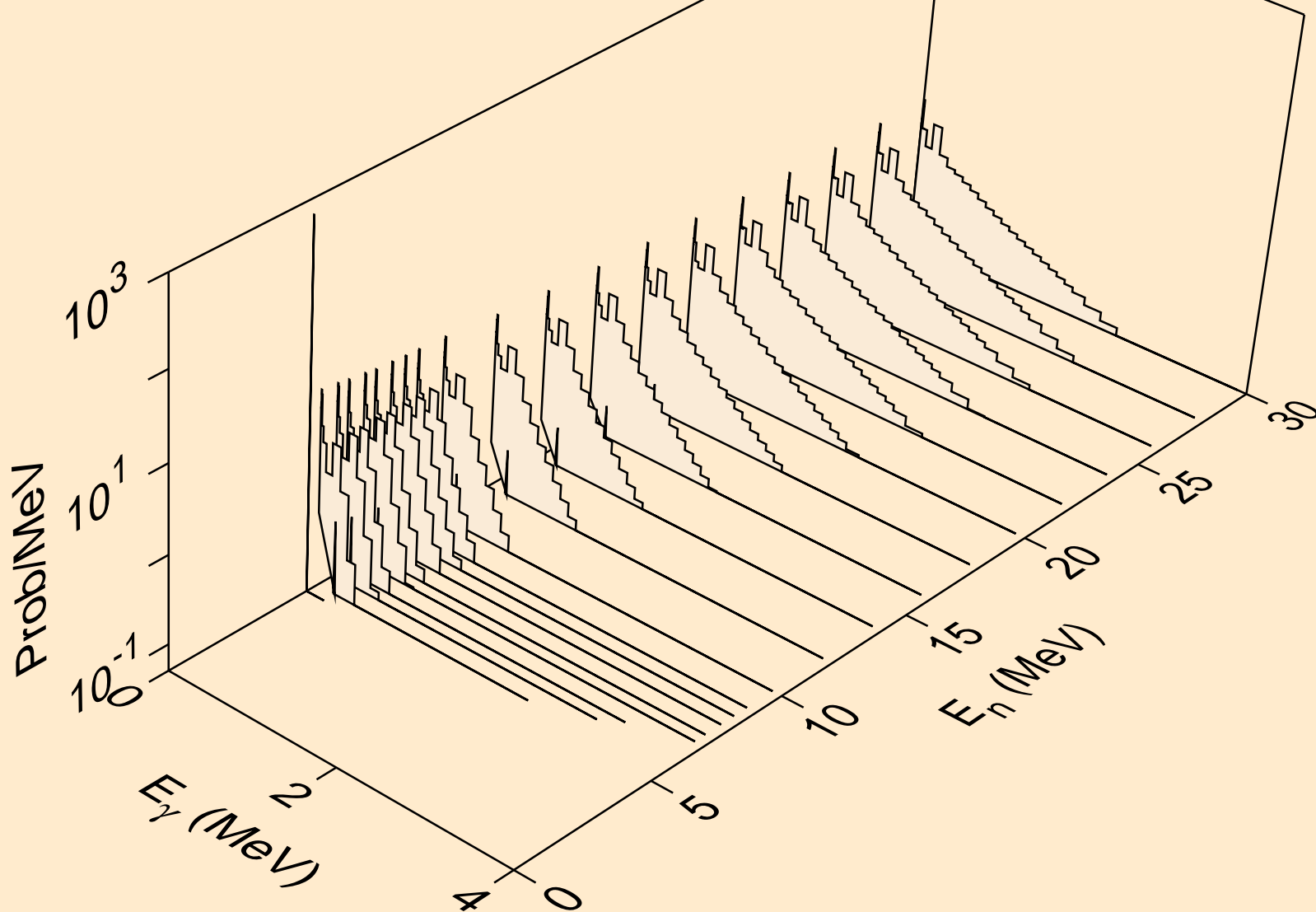
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



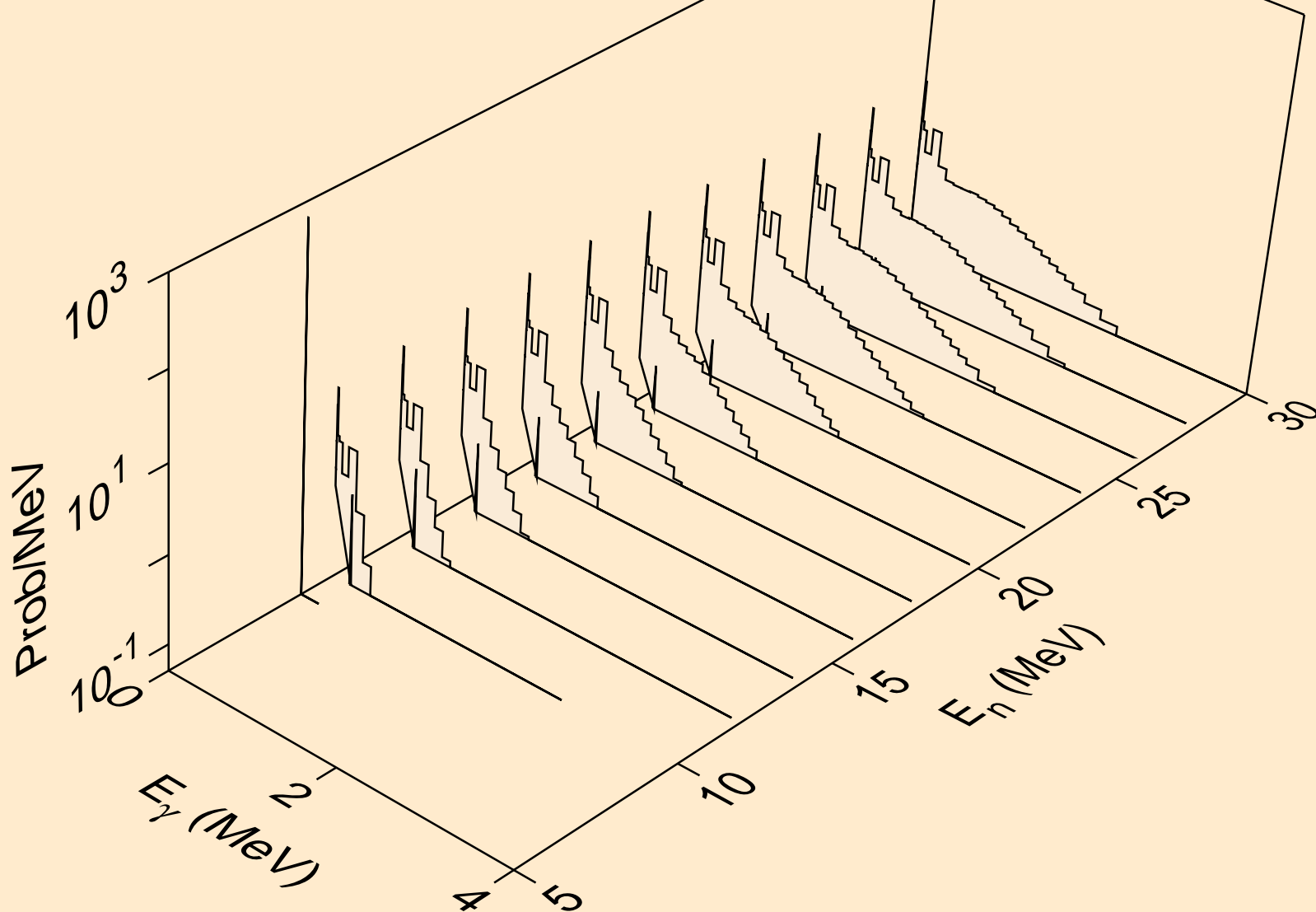
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



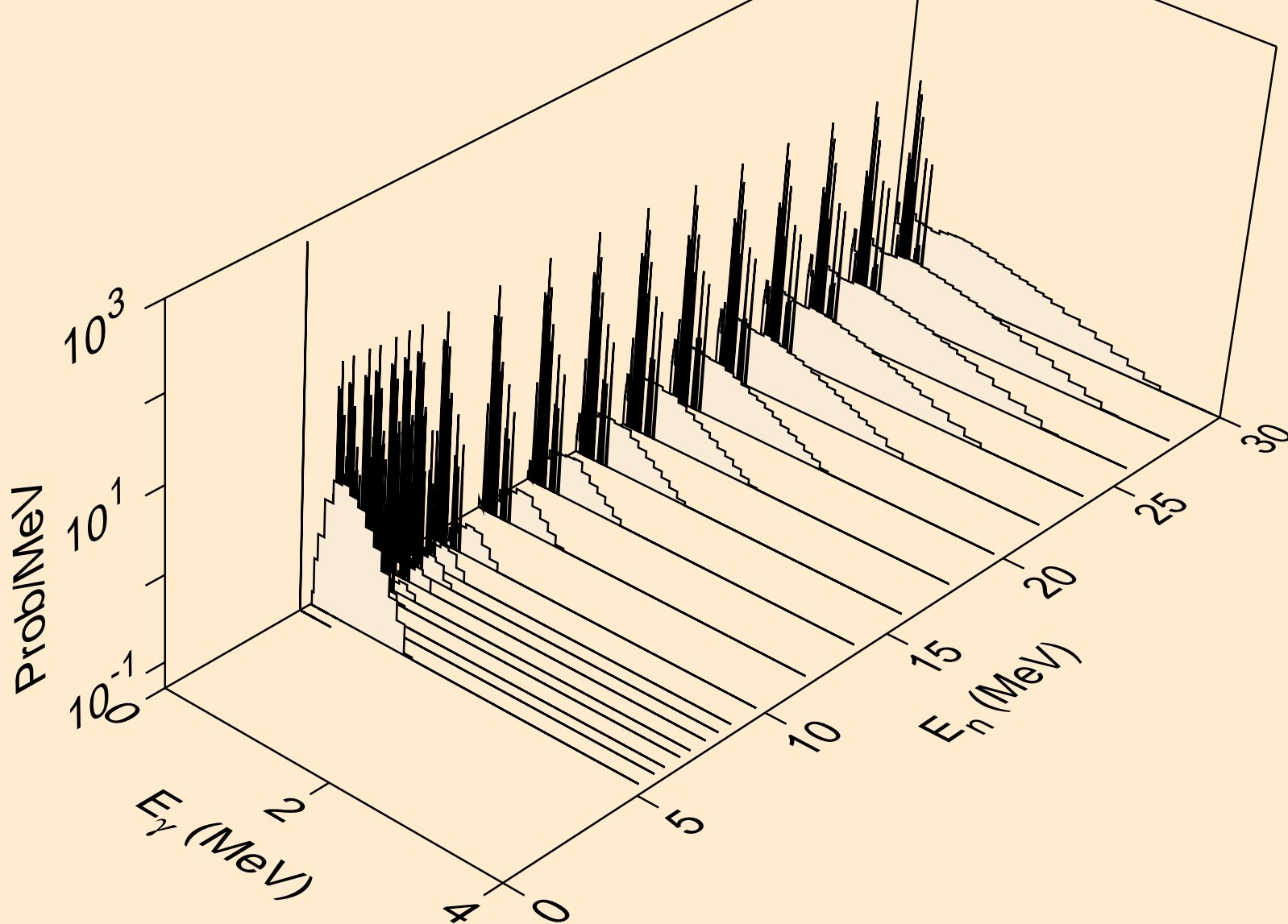
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



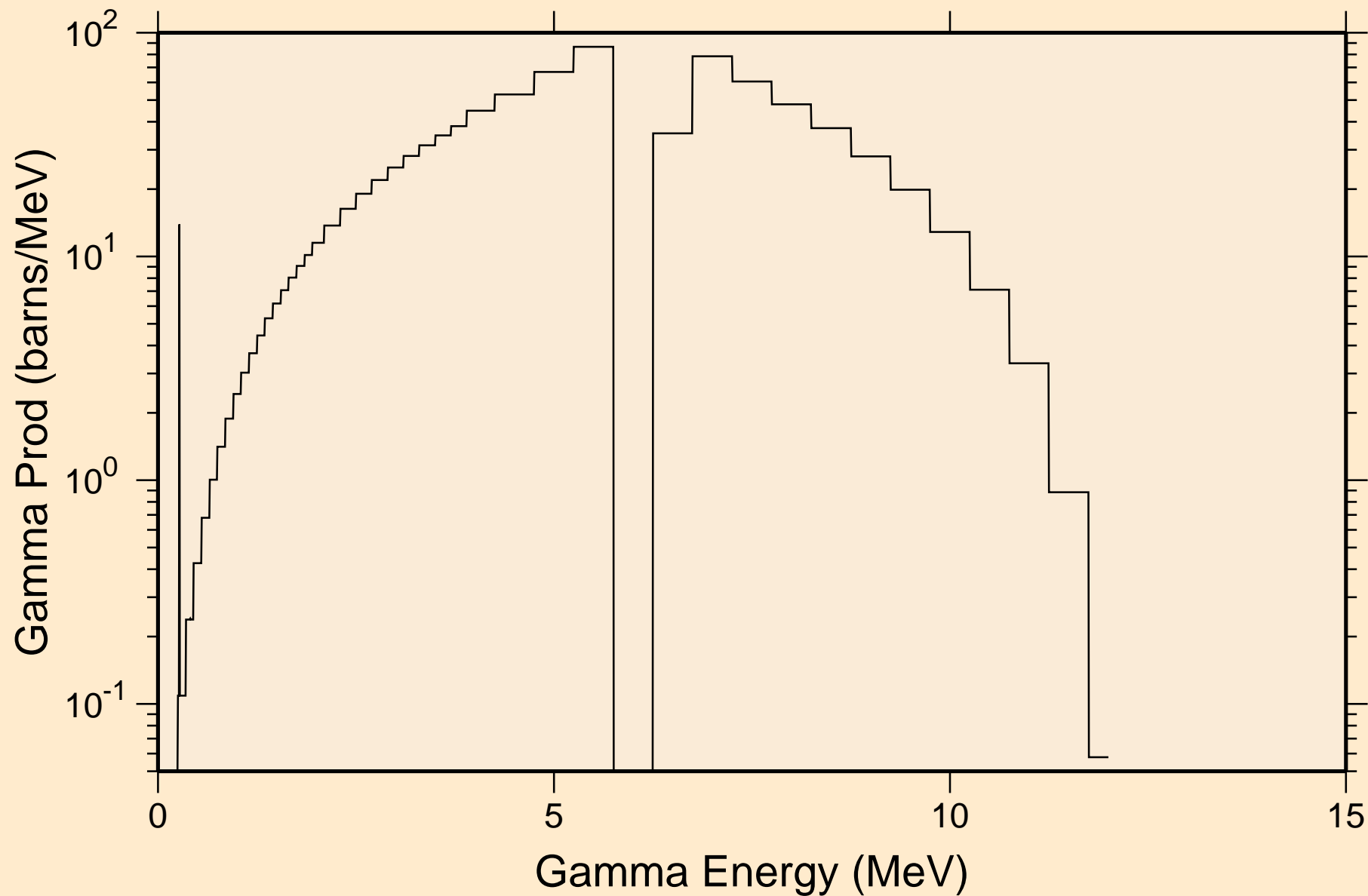
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



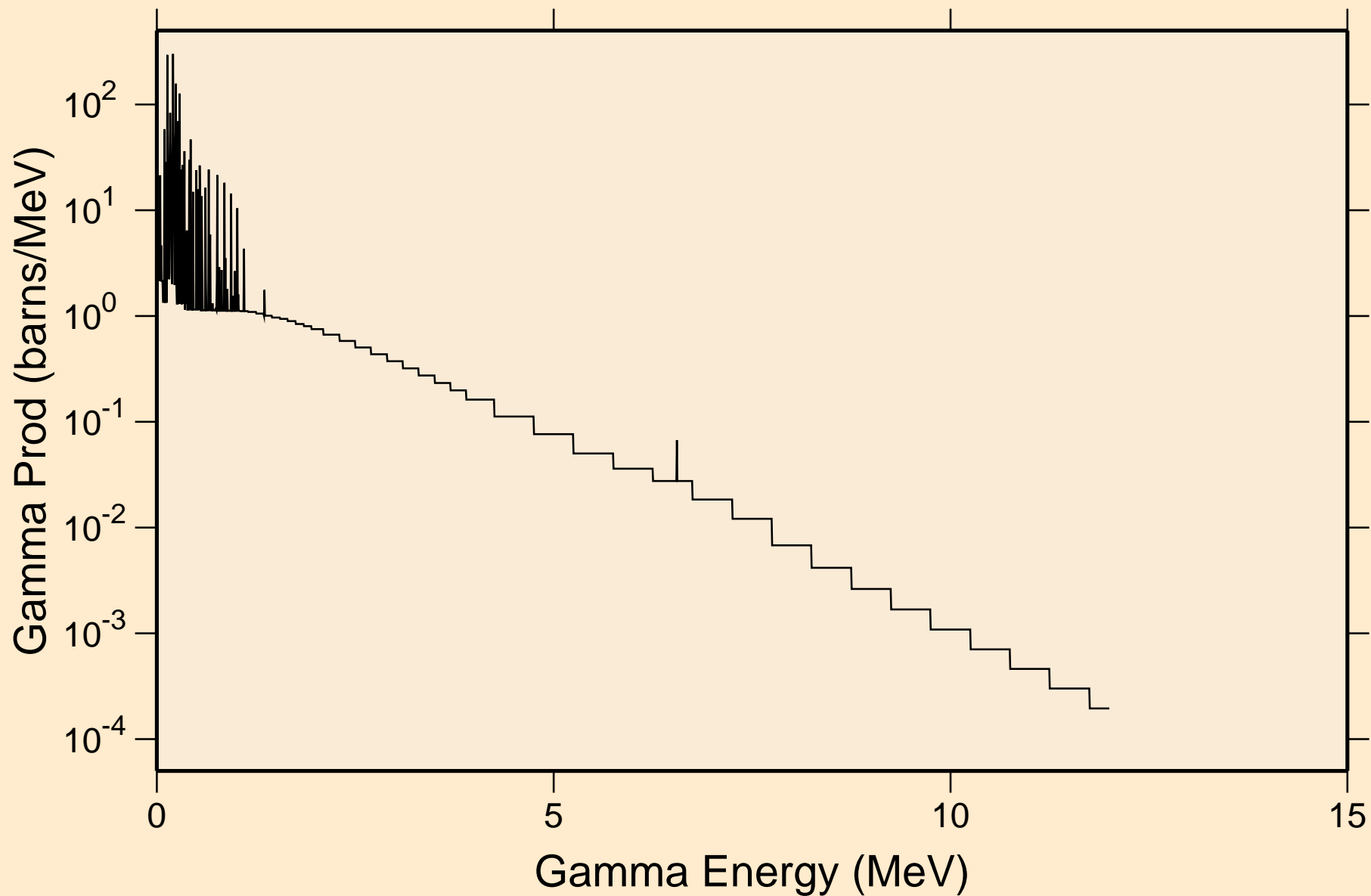
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

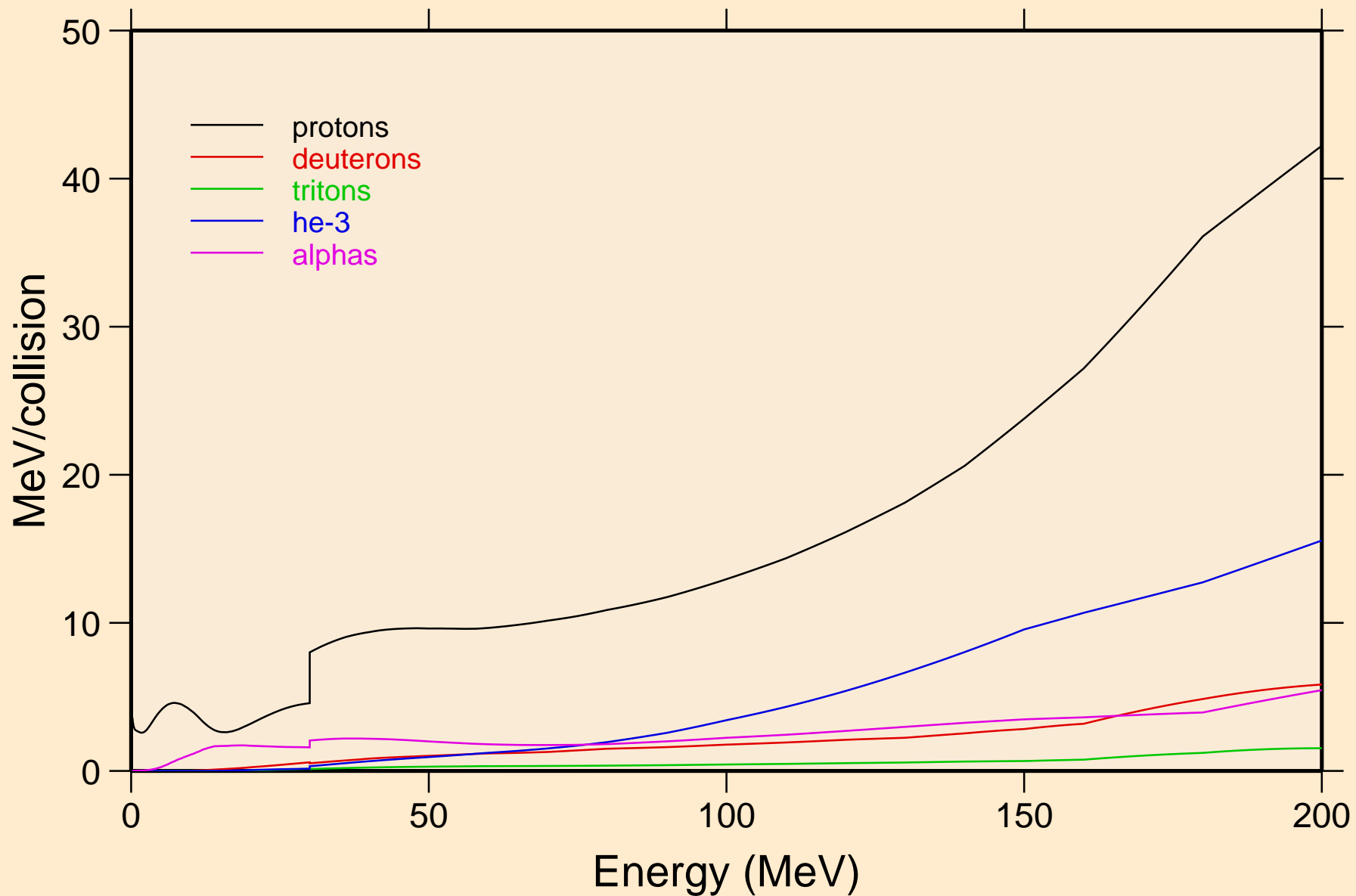


PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

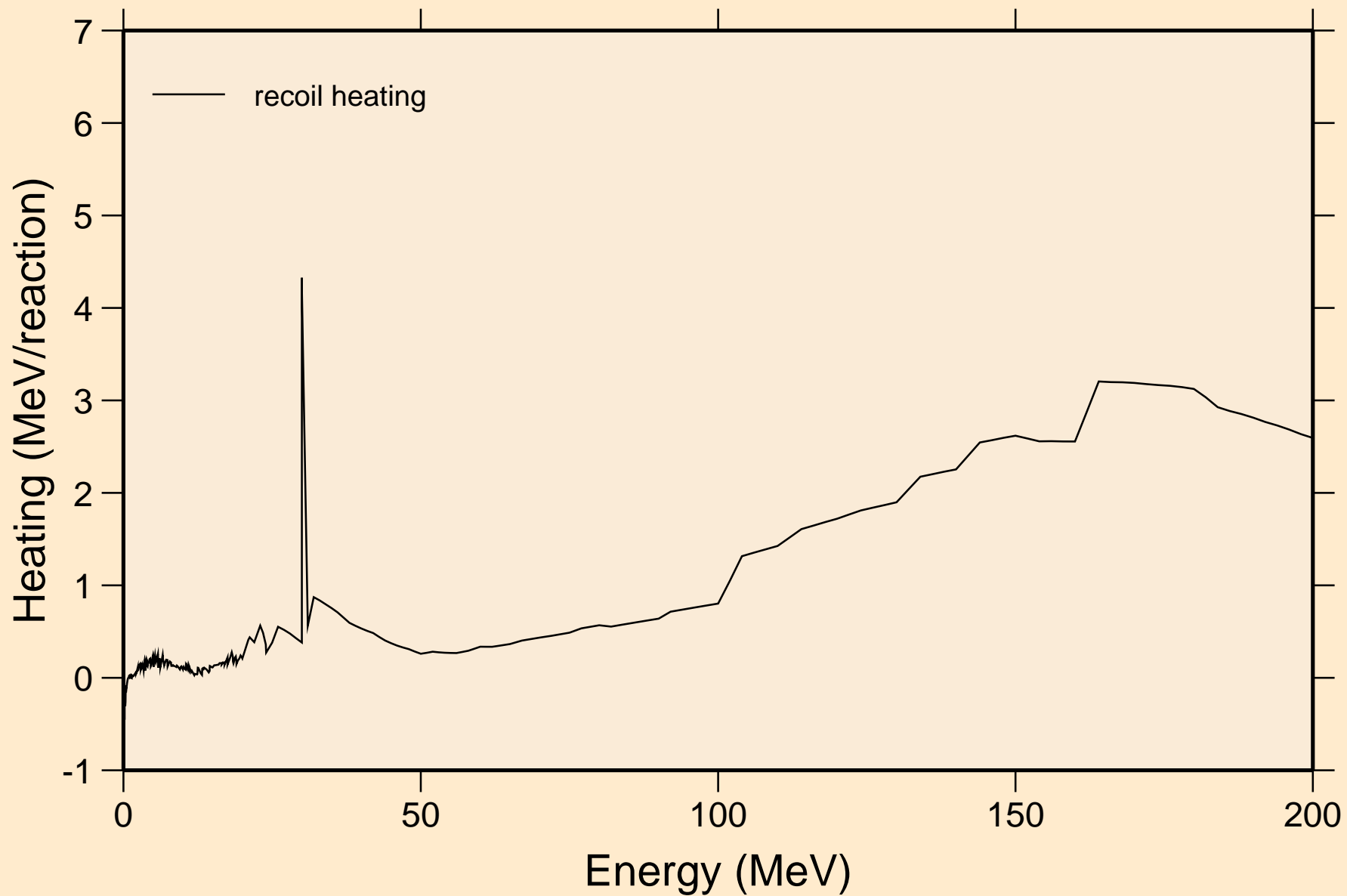


PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

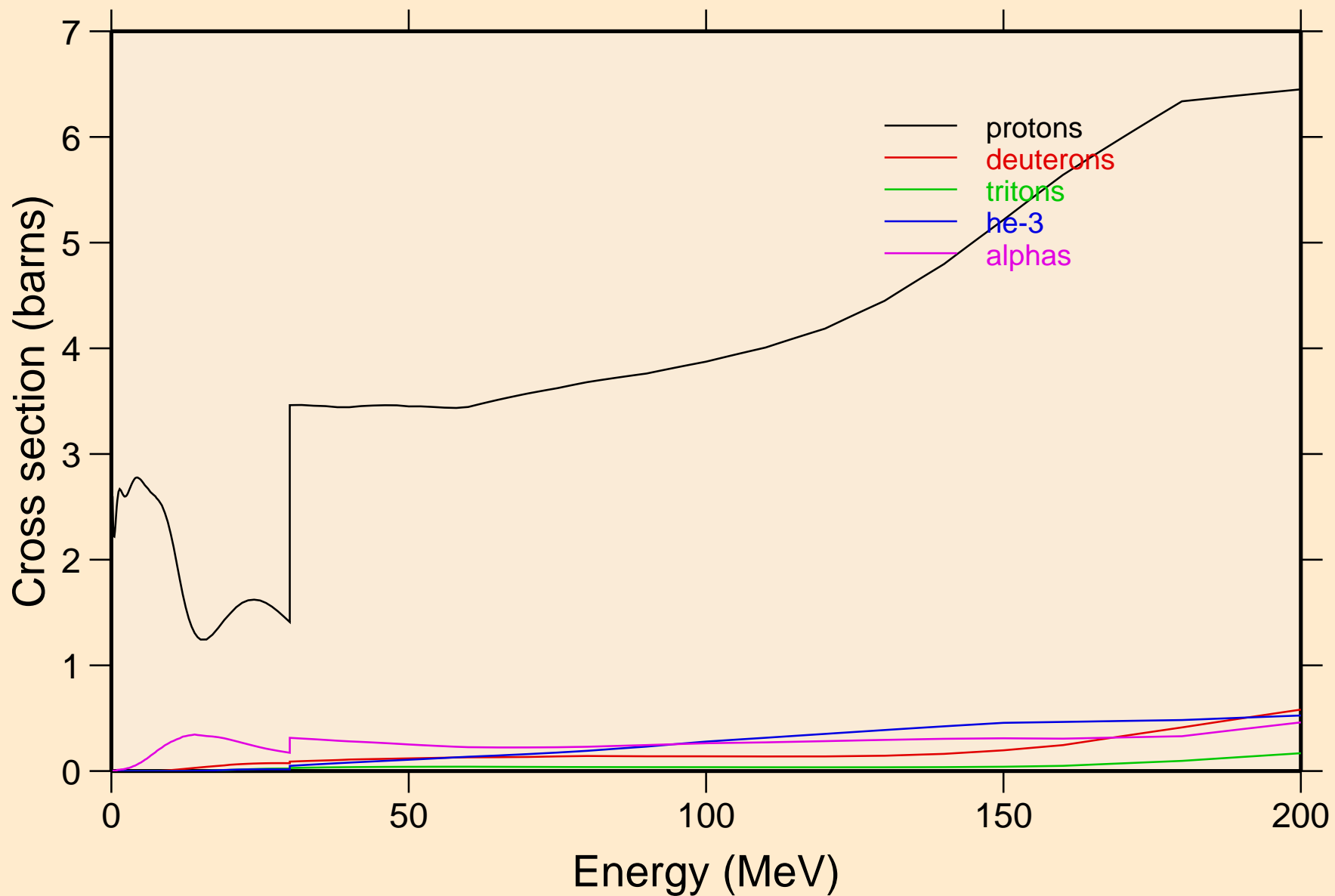
Particle heating contributions



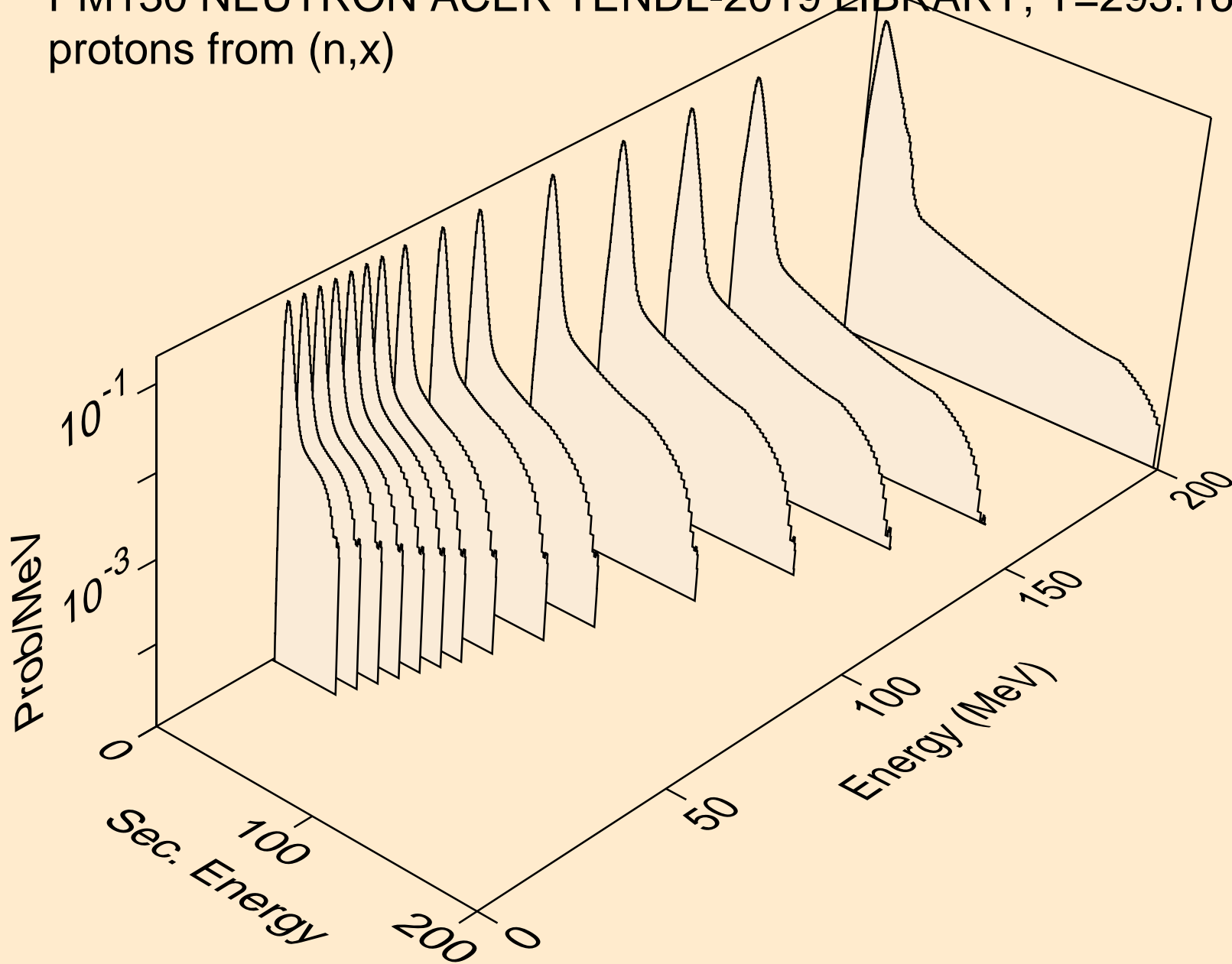
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



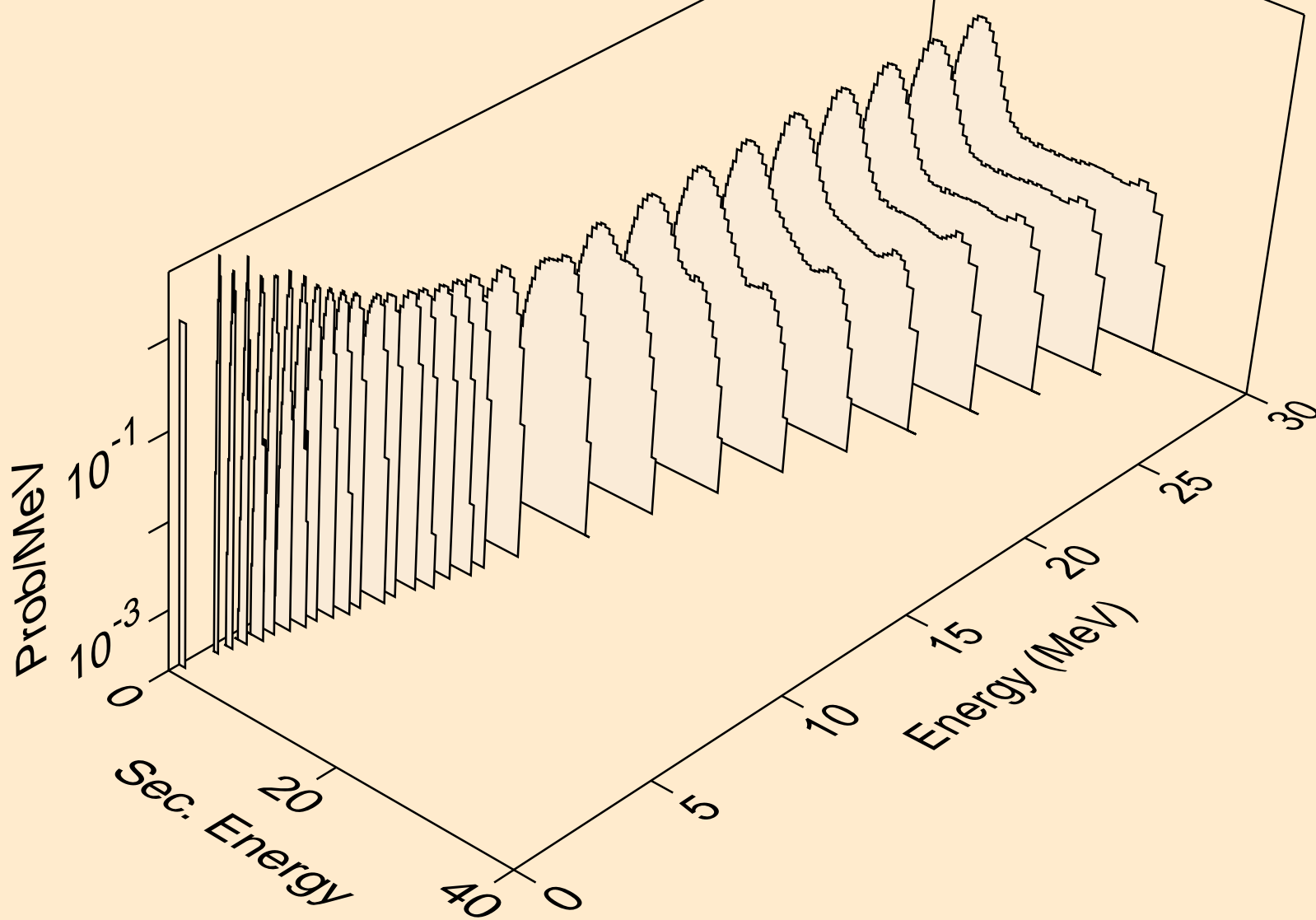
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



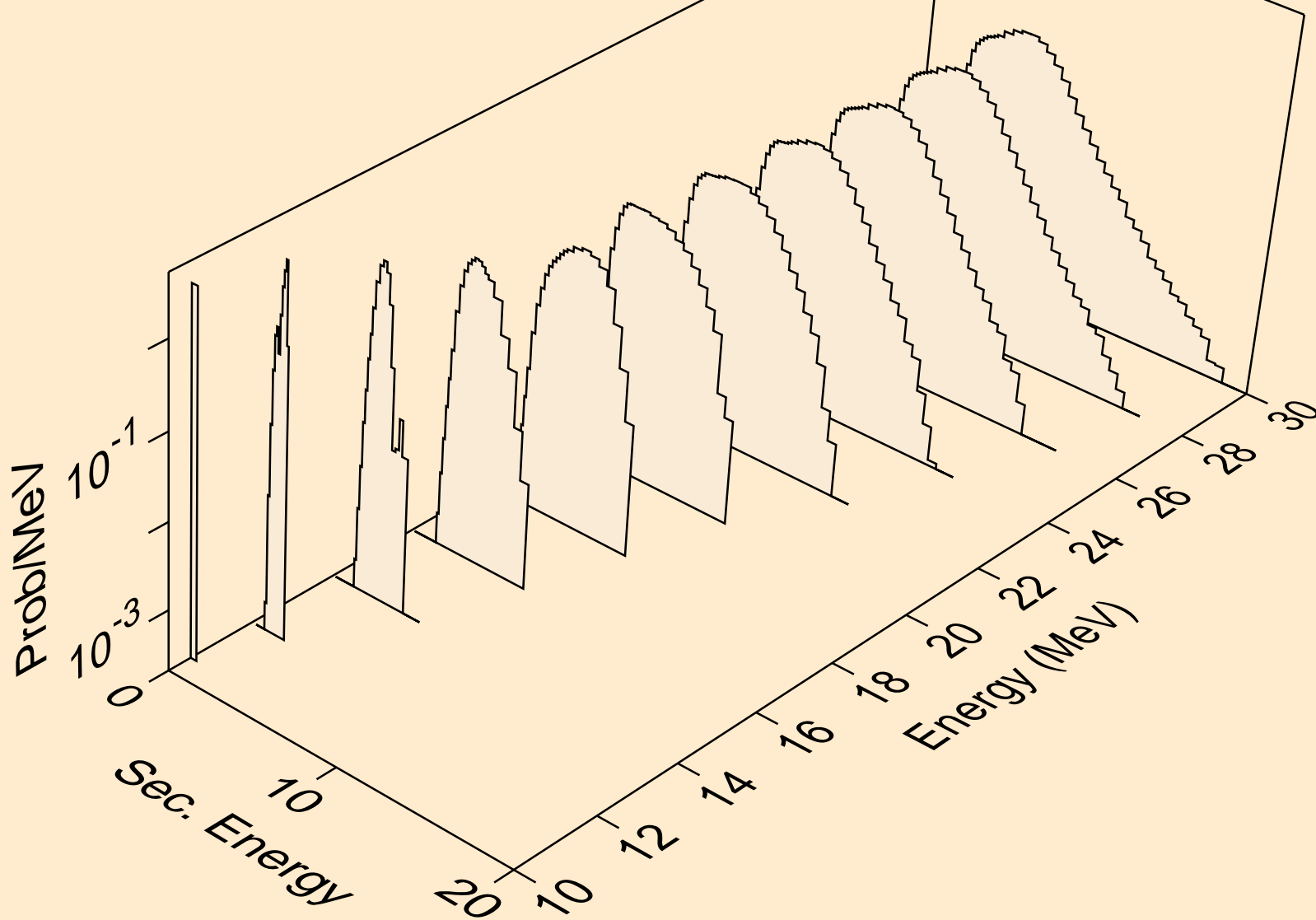
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



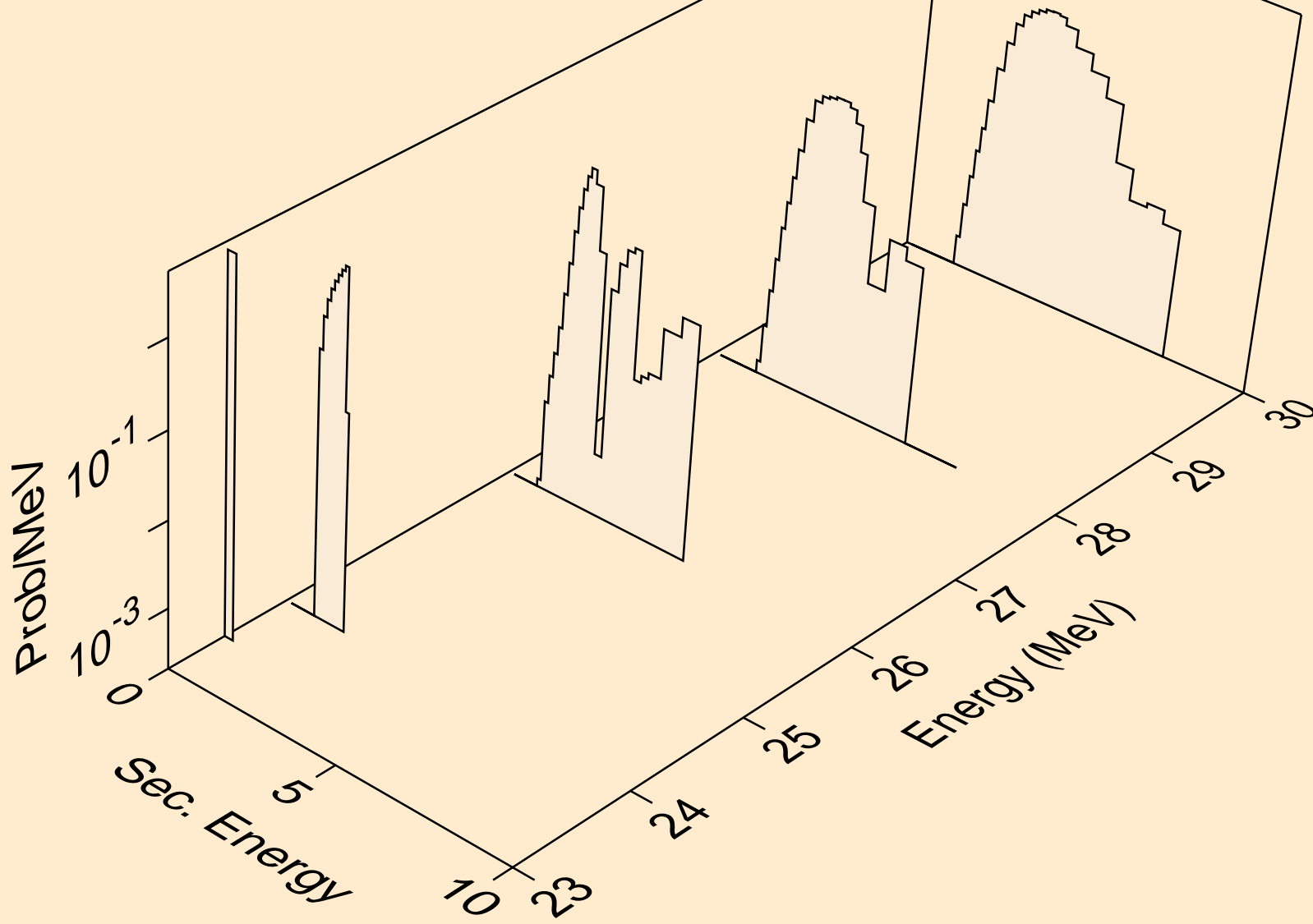
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



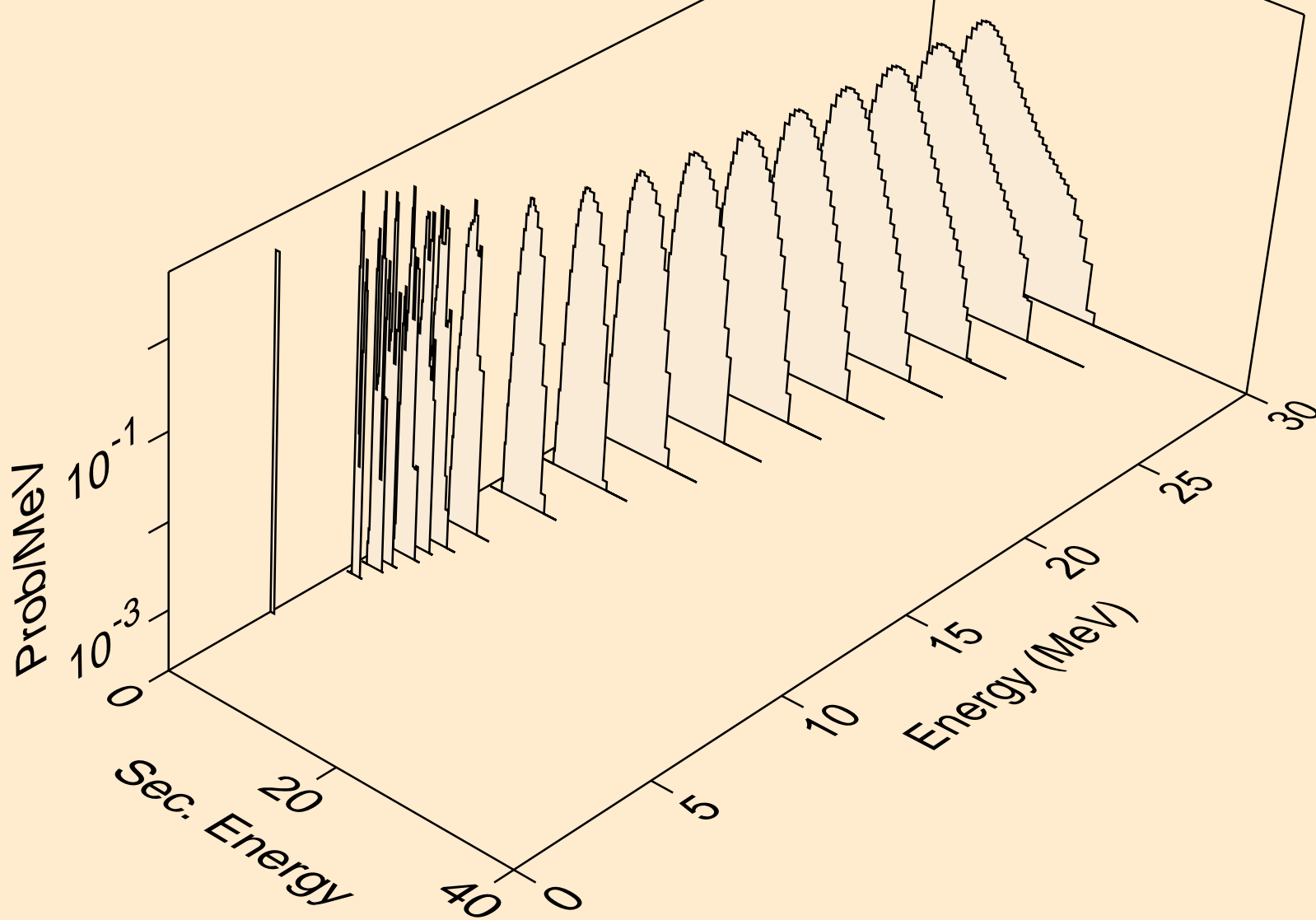
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



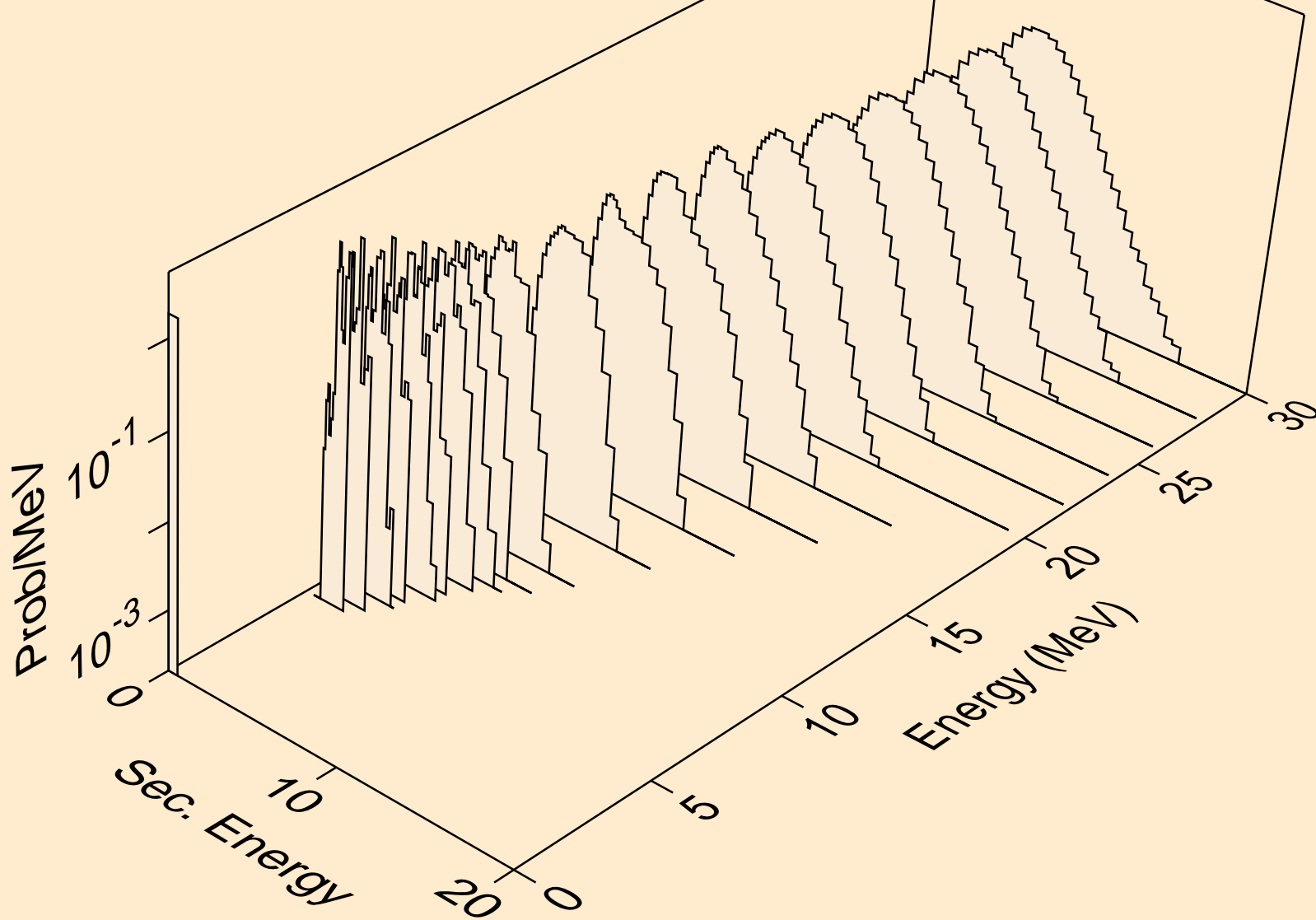
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



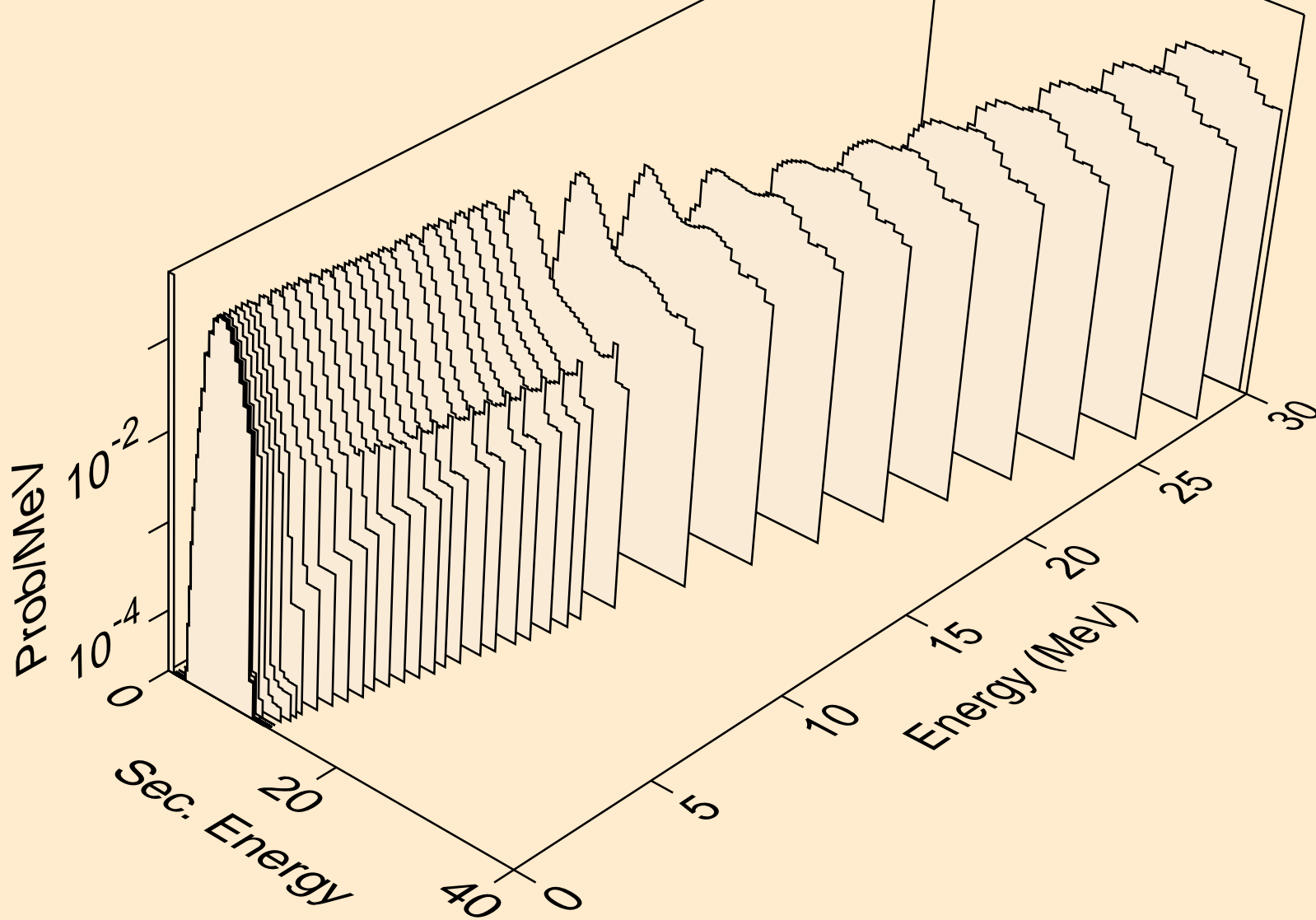
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



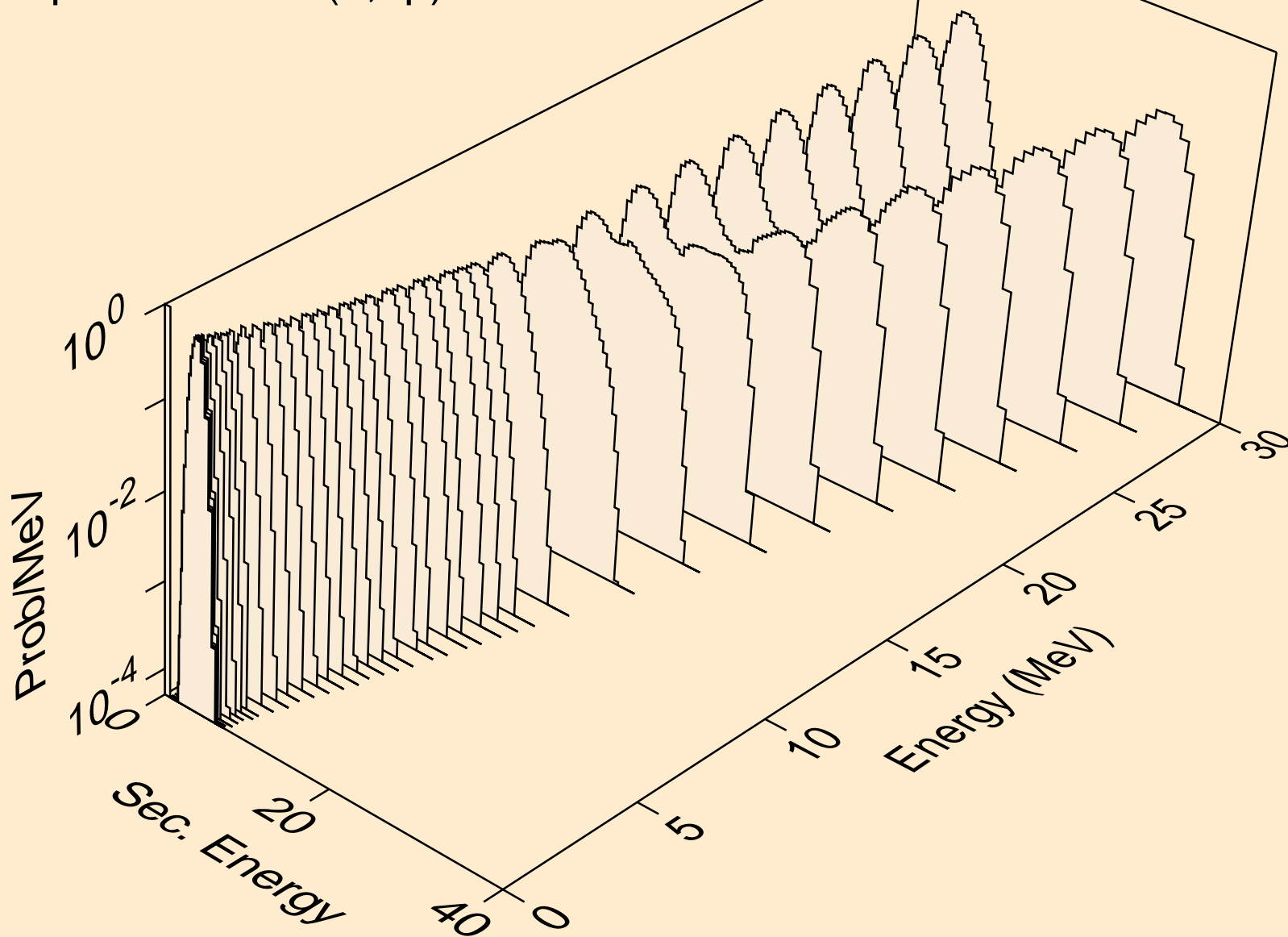
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



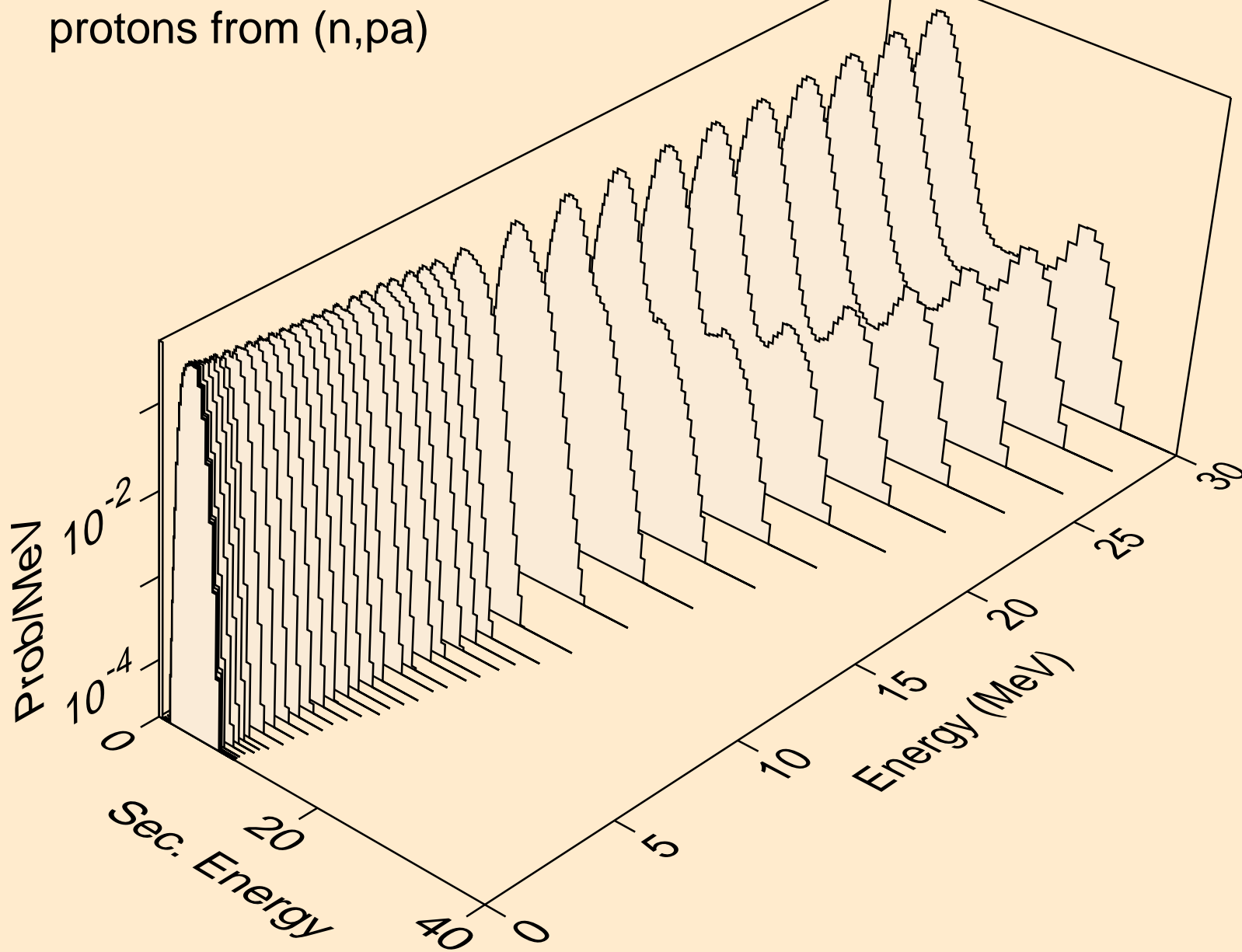
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



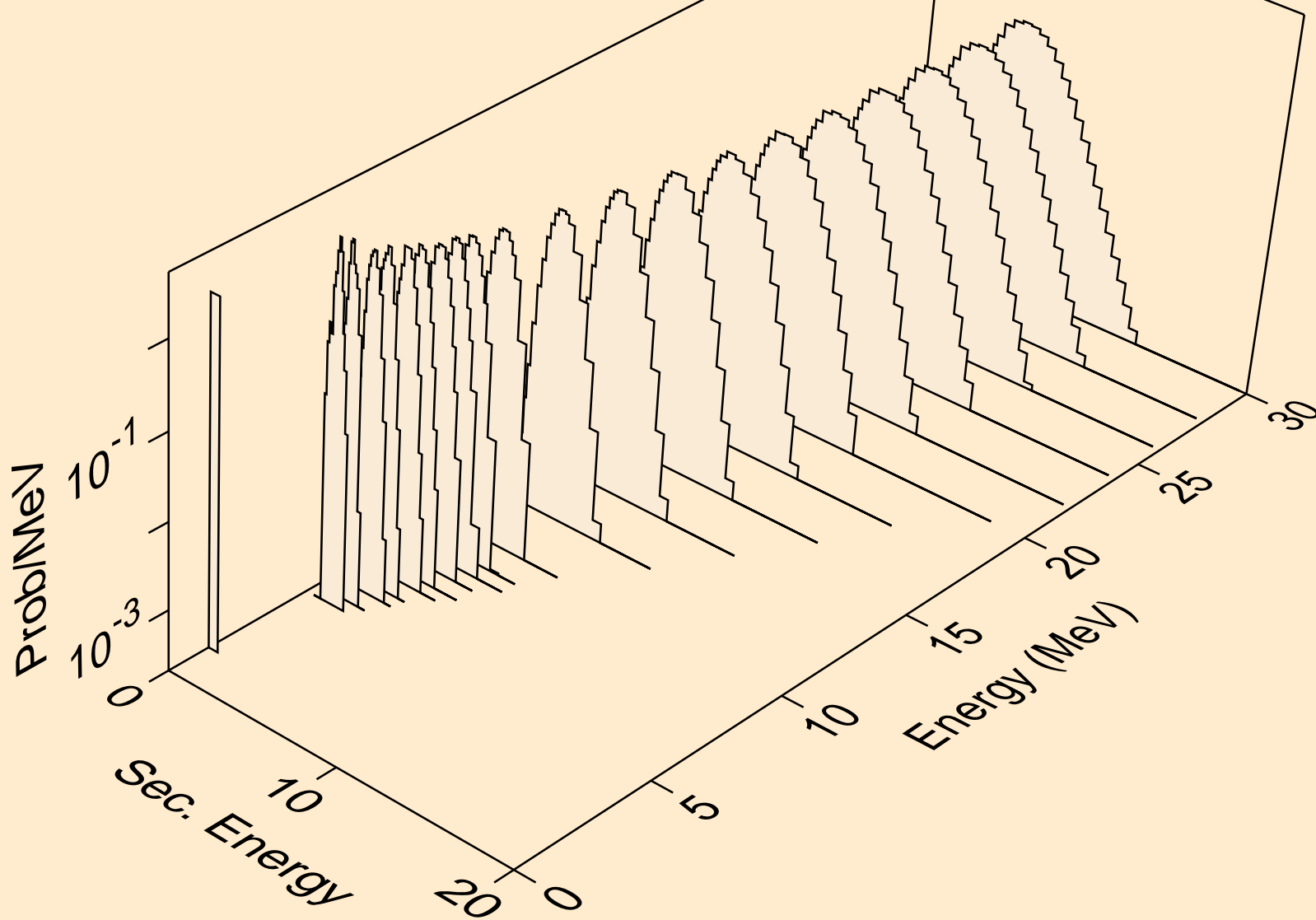
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



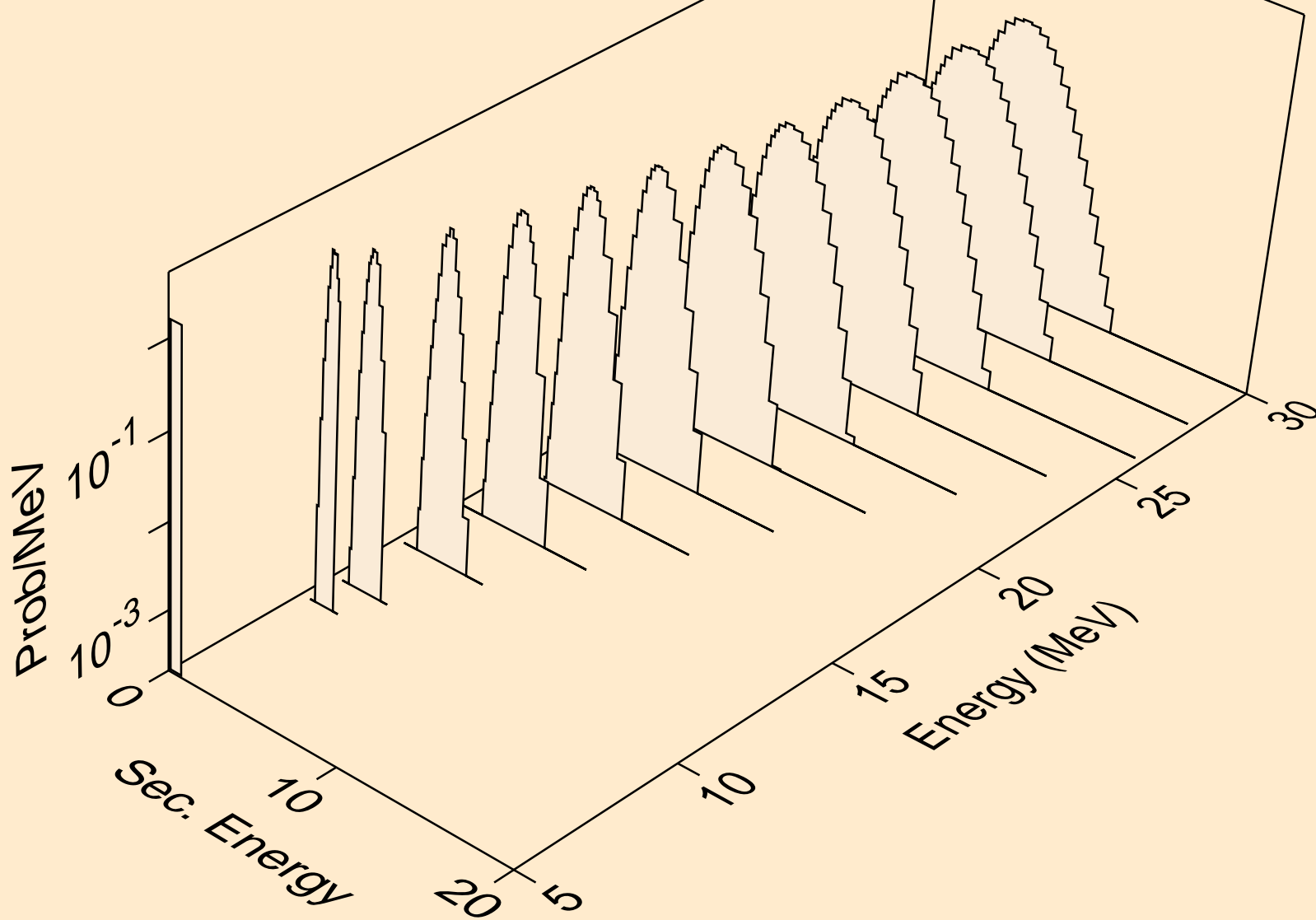
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



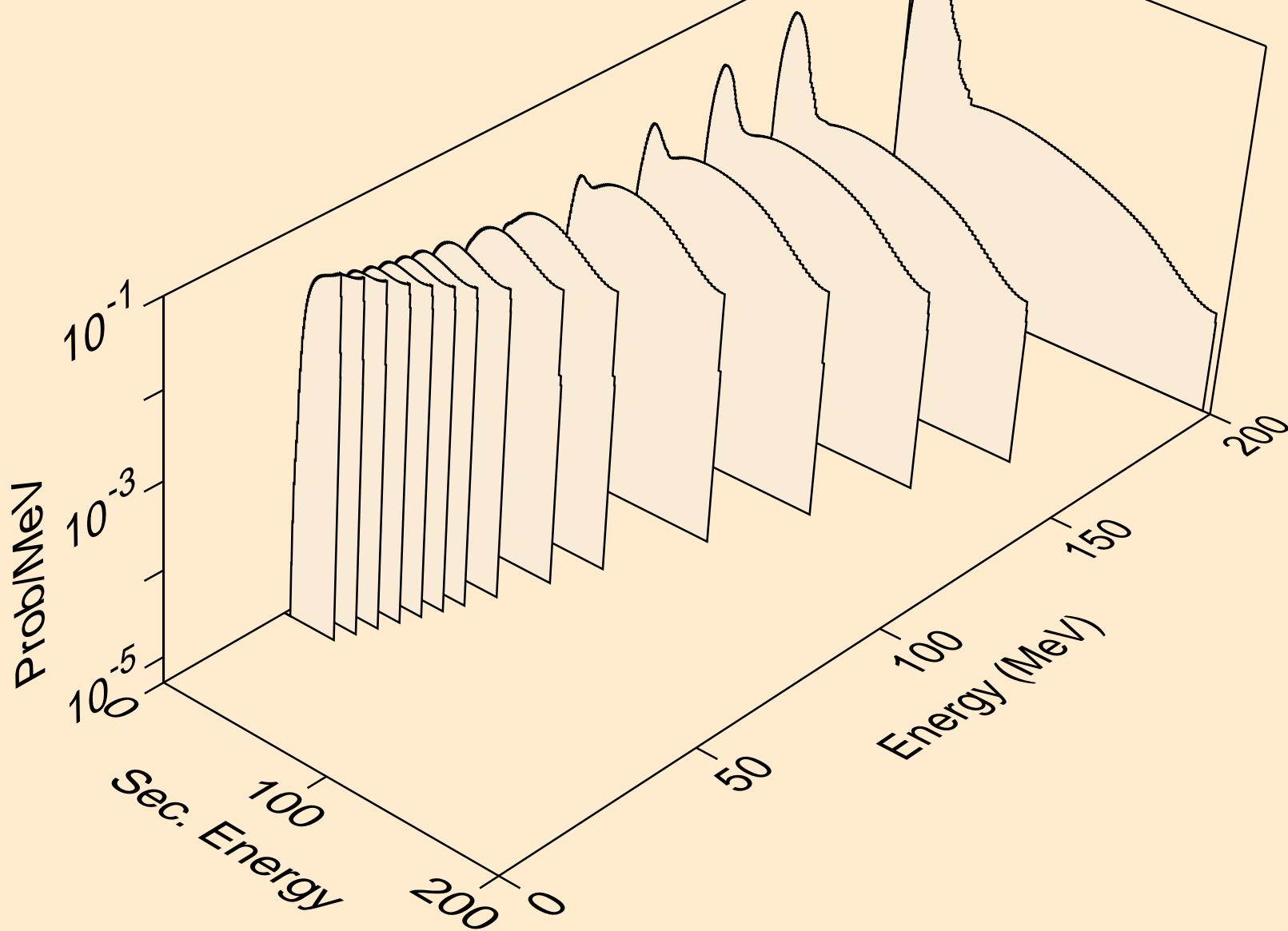
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



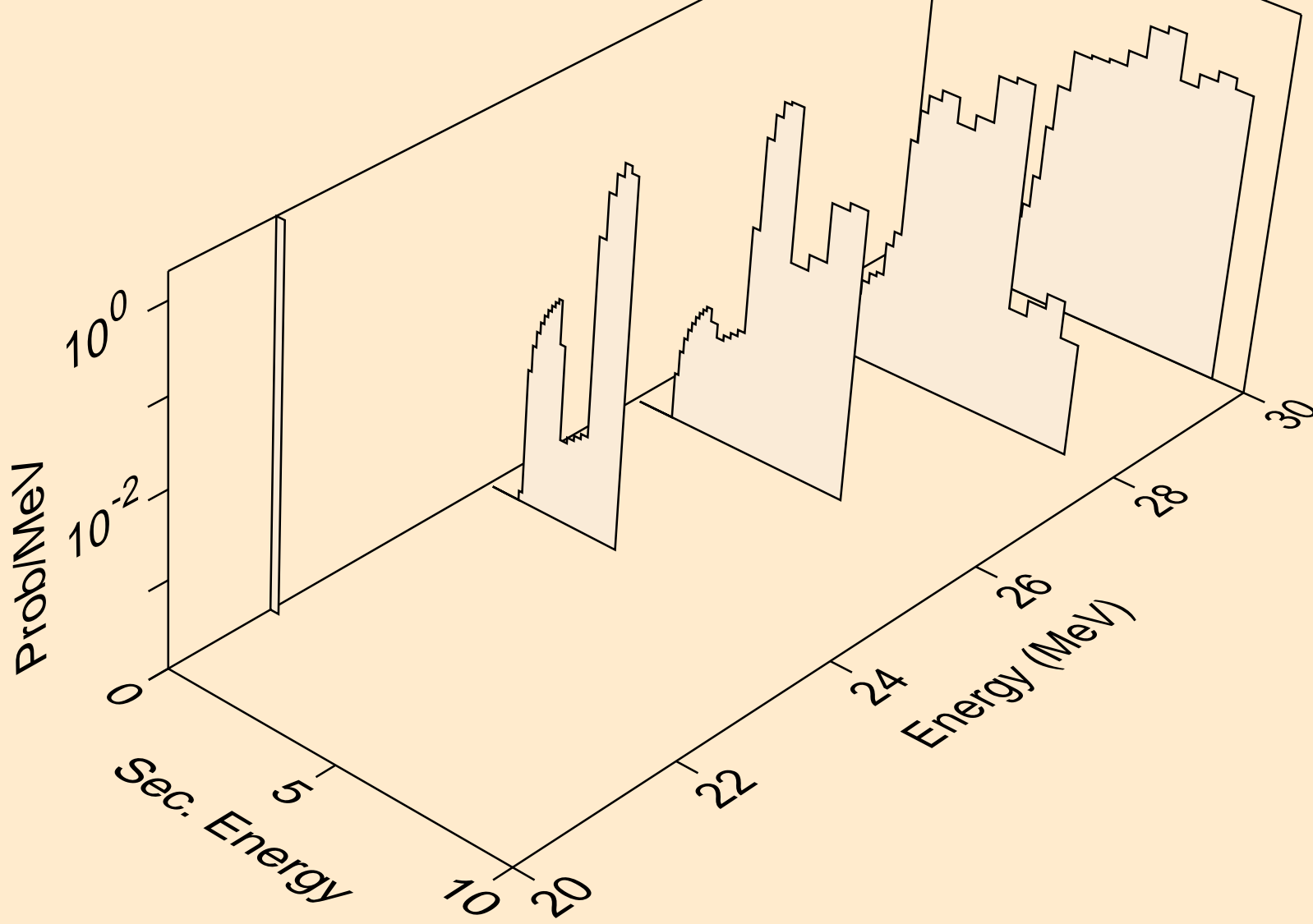
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



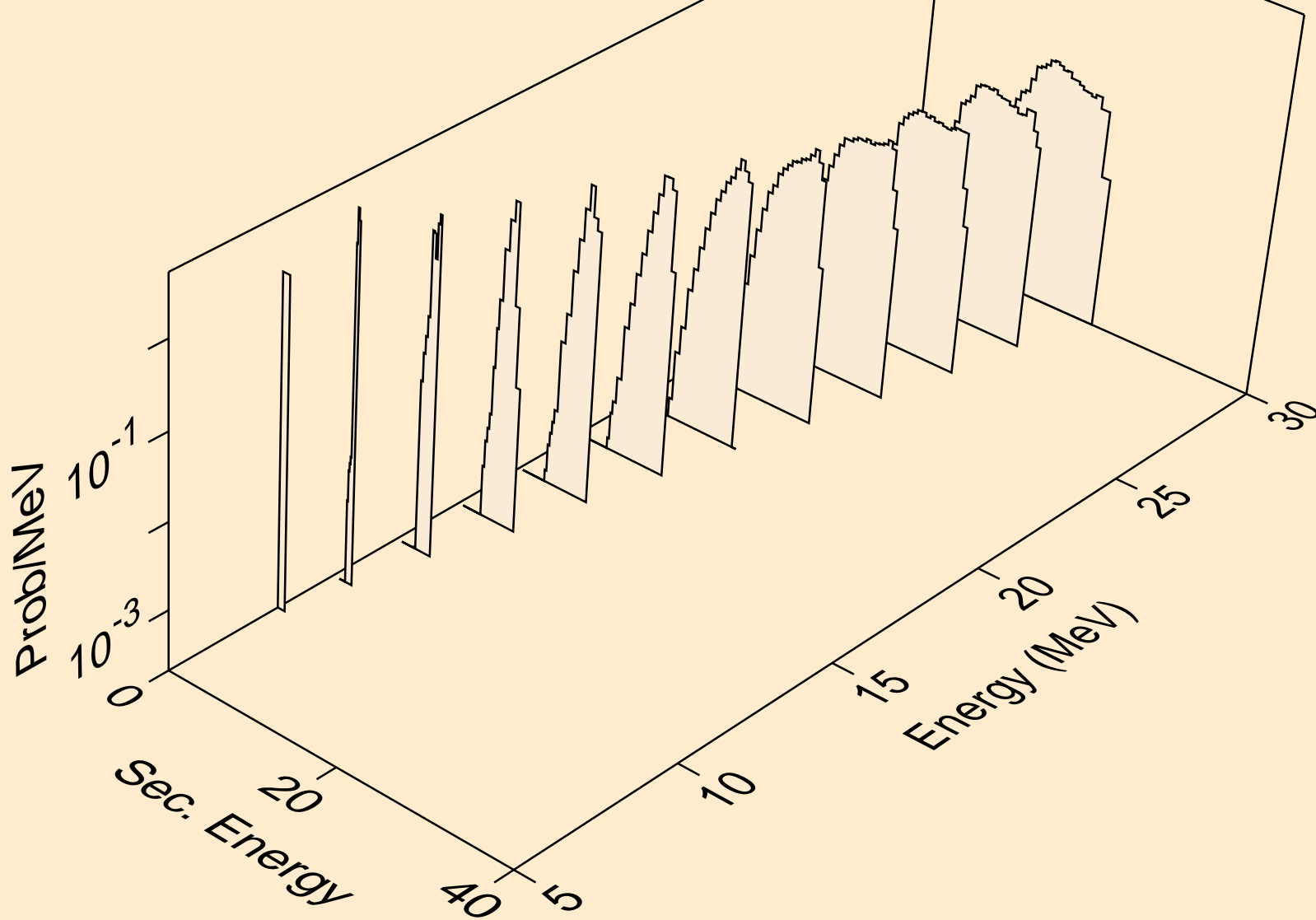
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



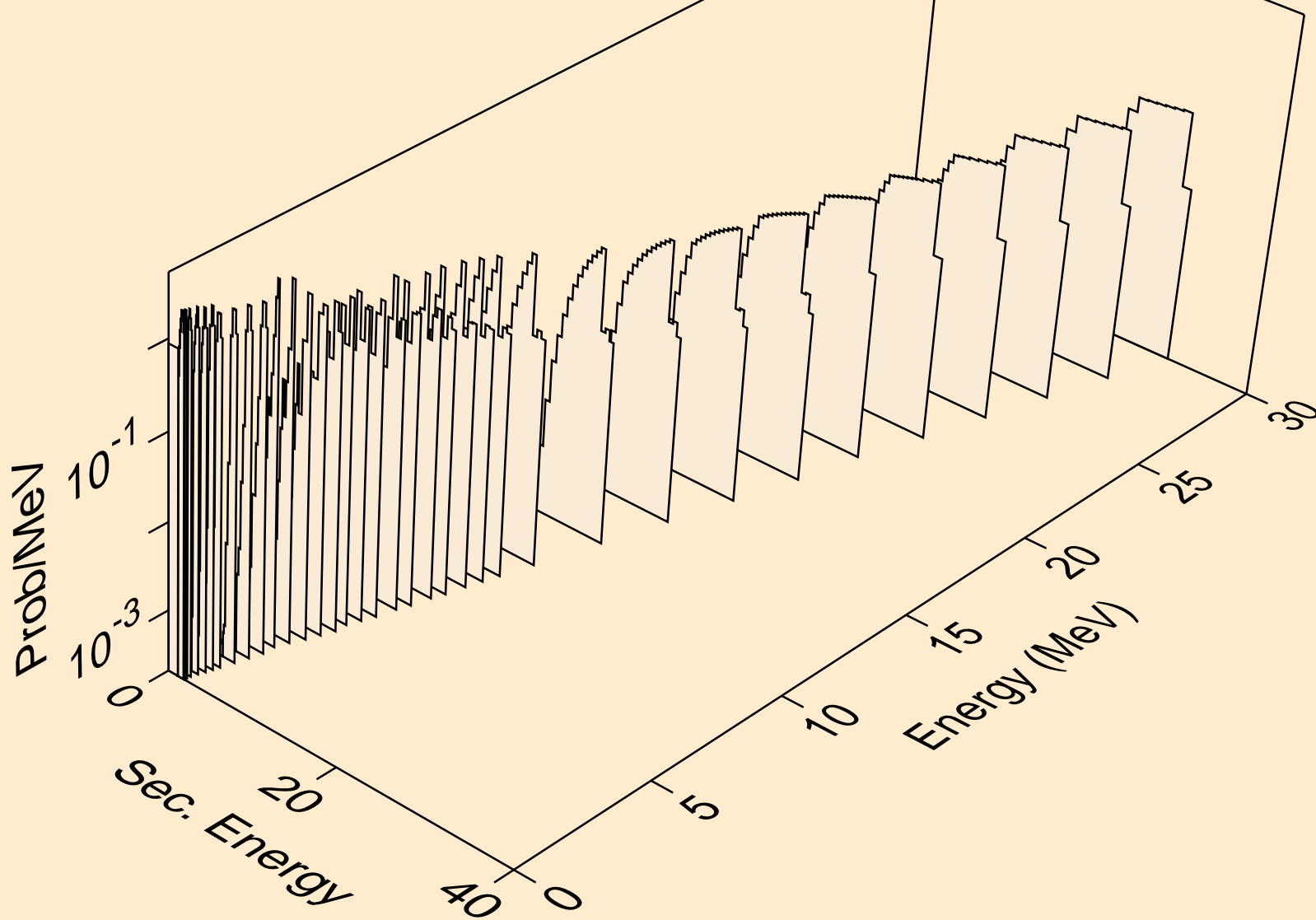
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



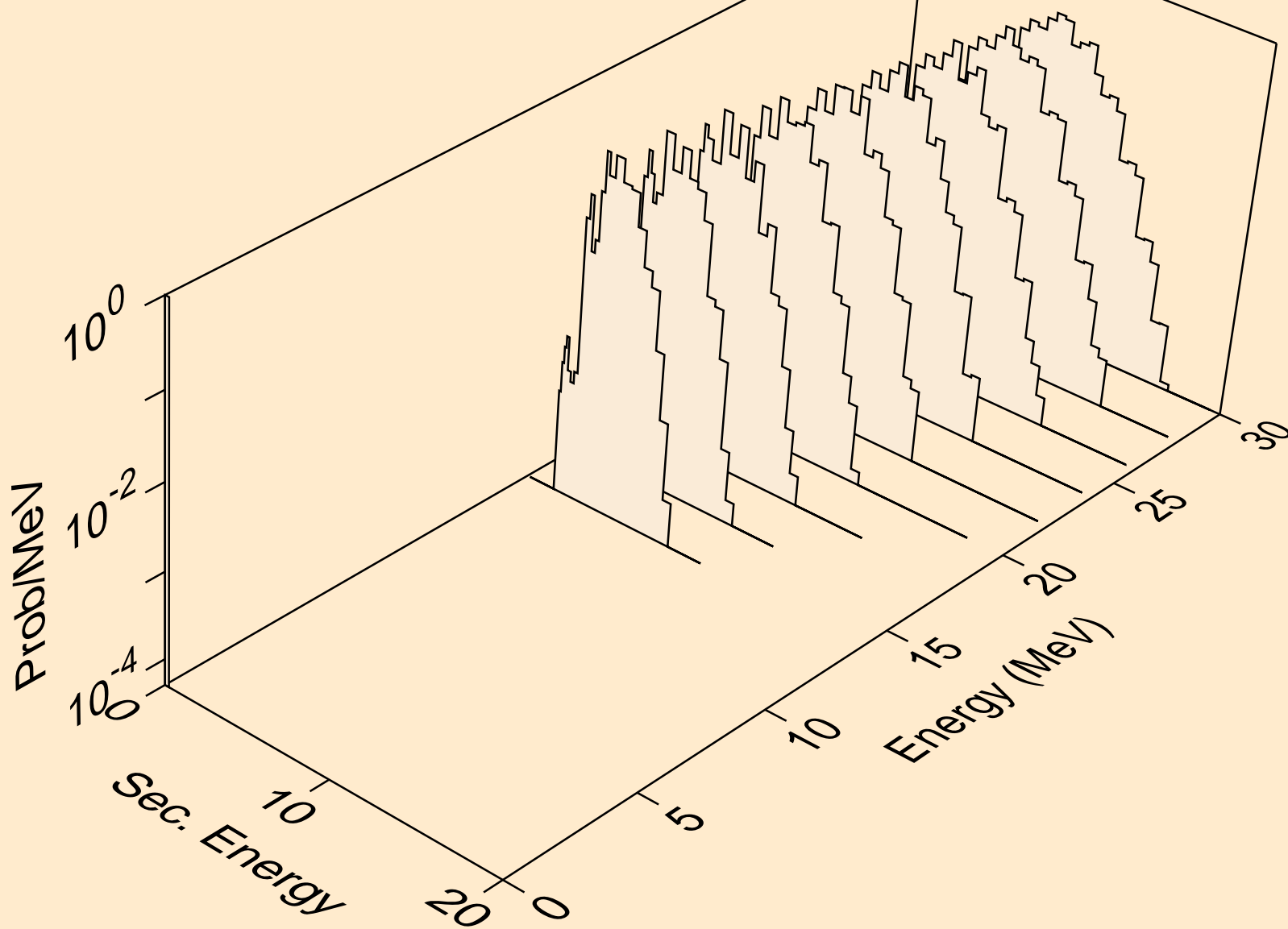
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



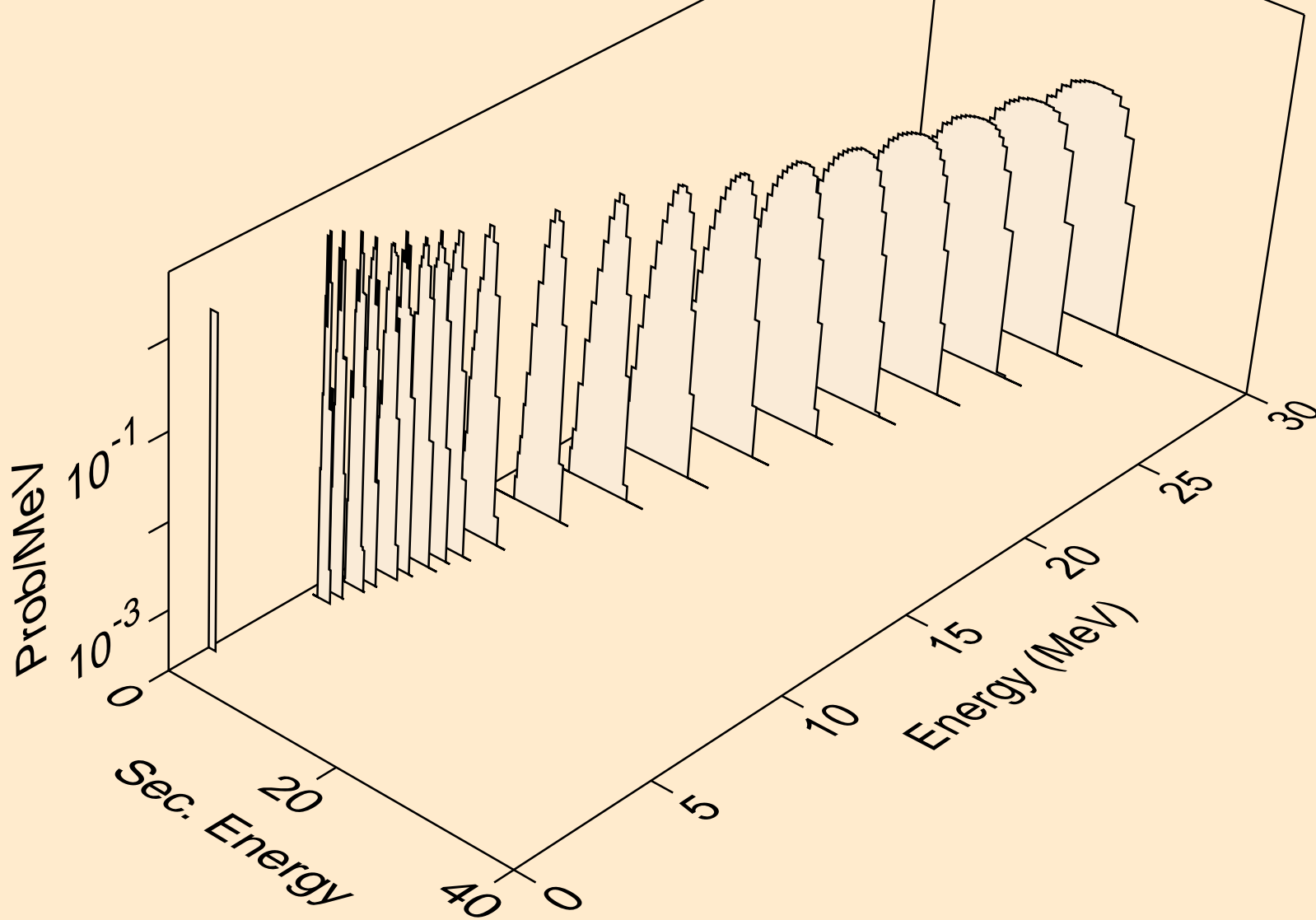
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



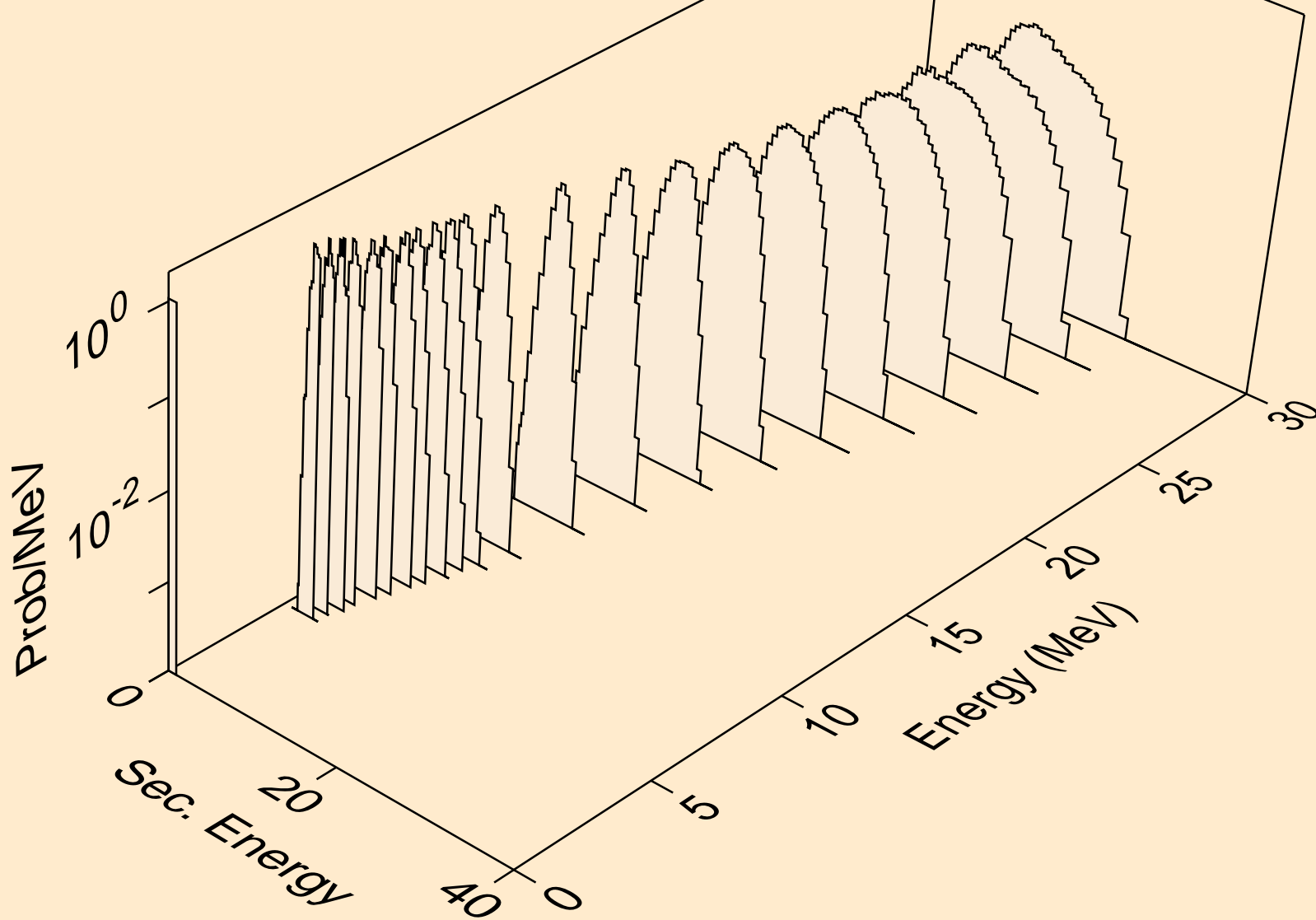
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d2a)



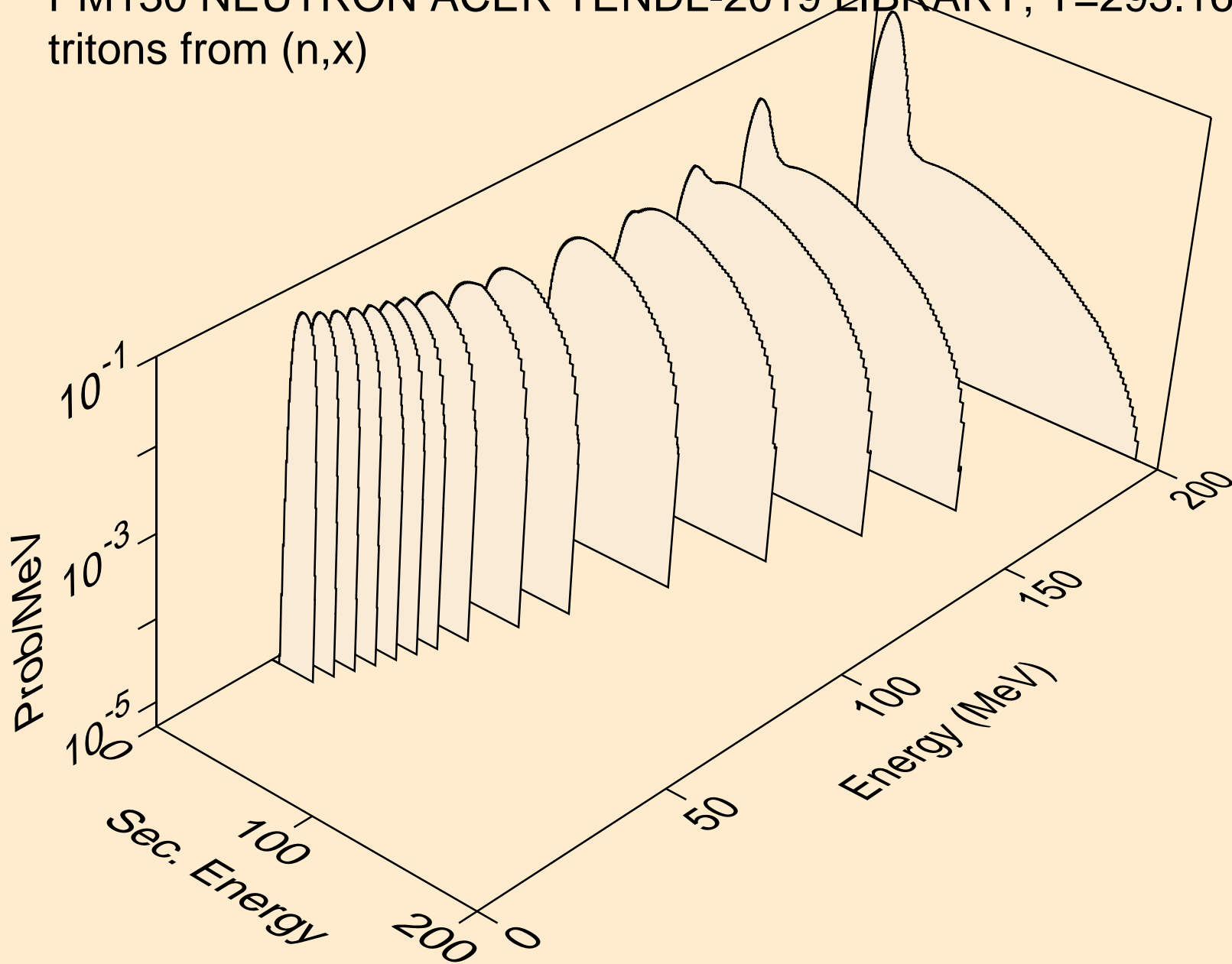
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



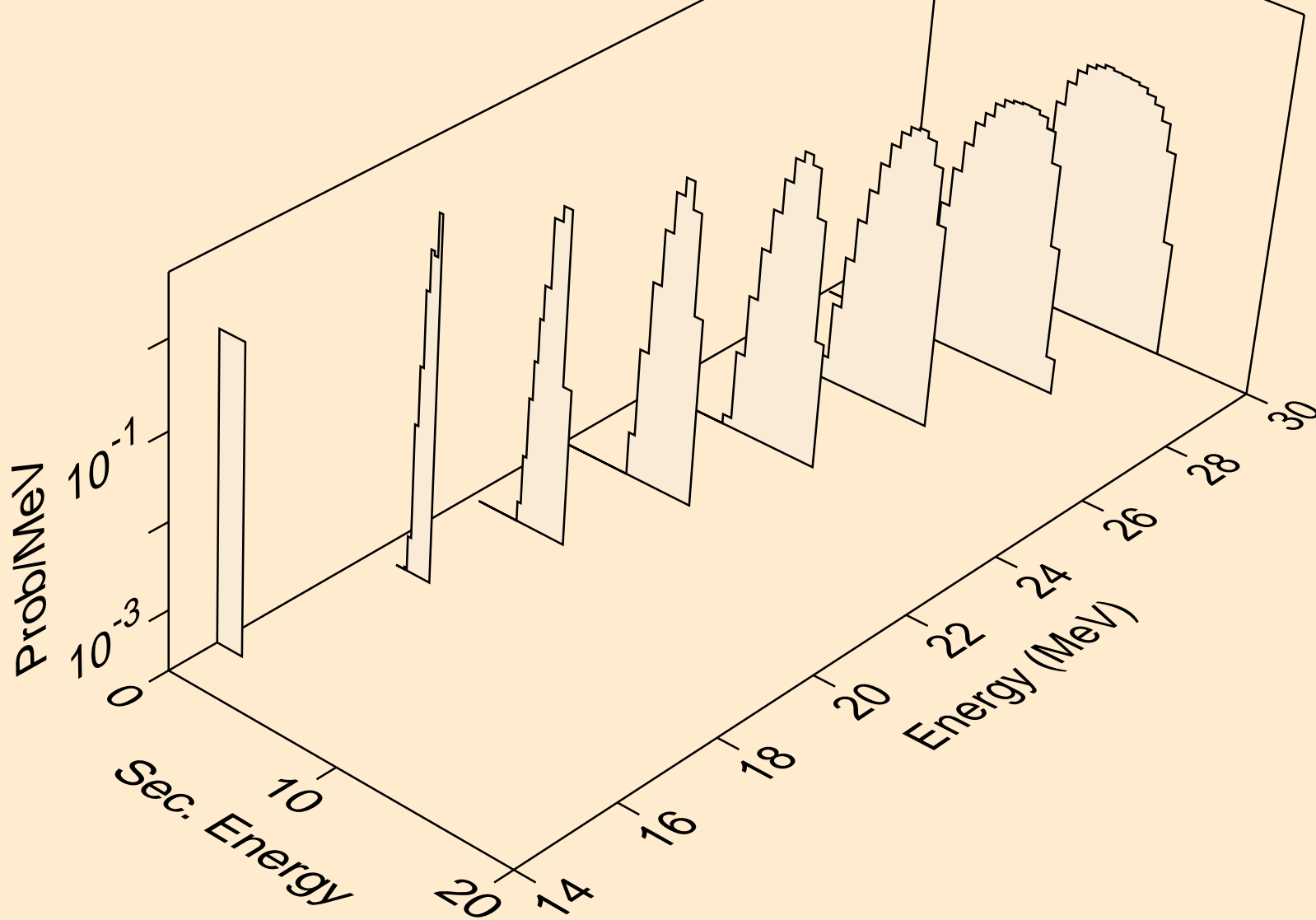
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



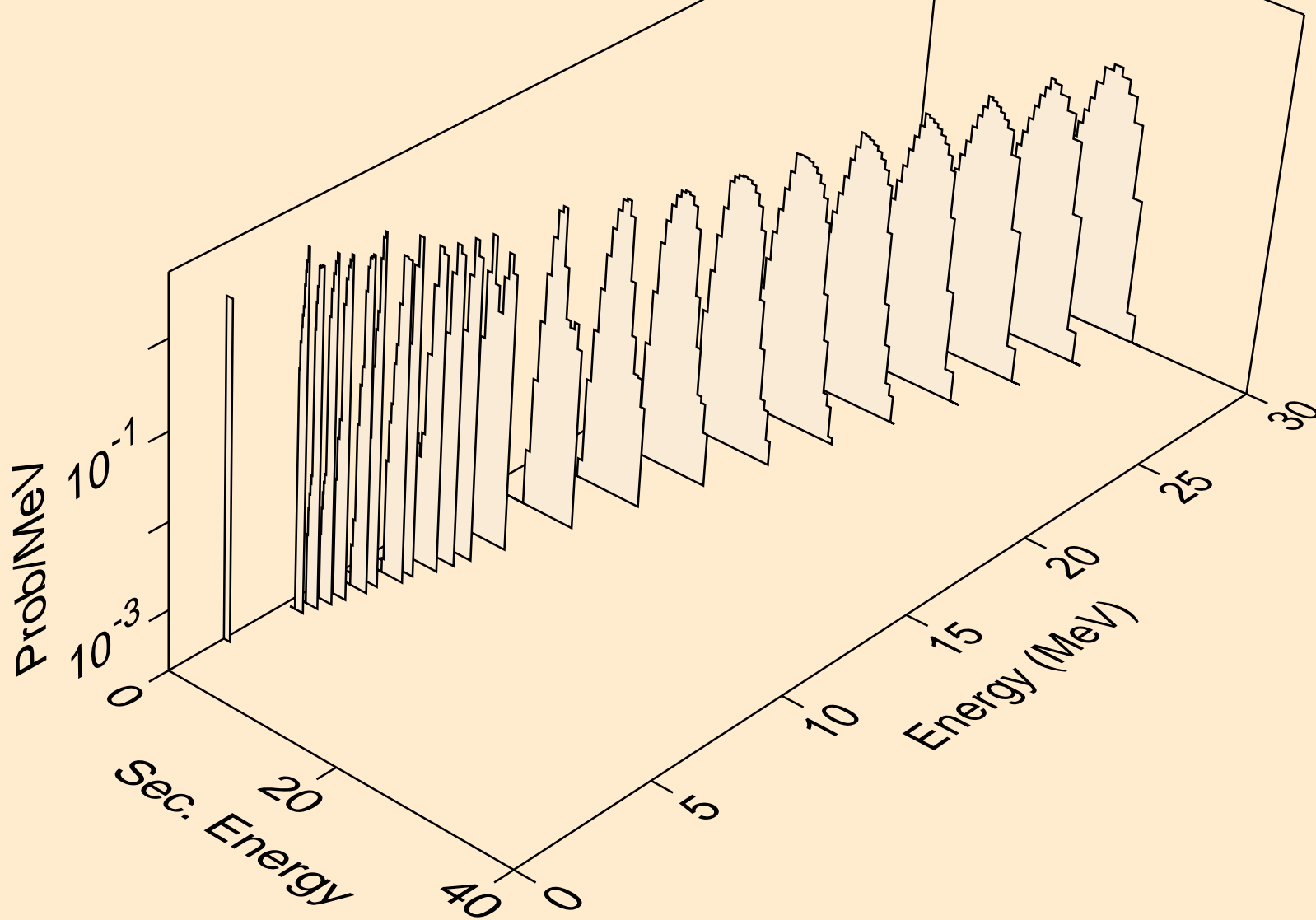
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



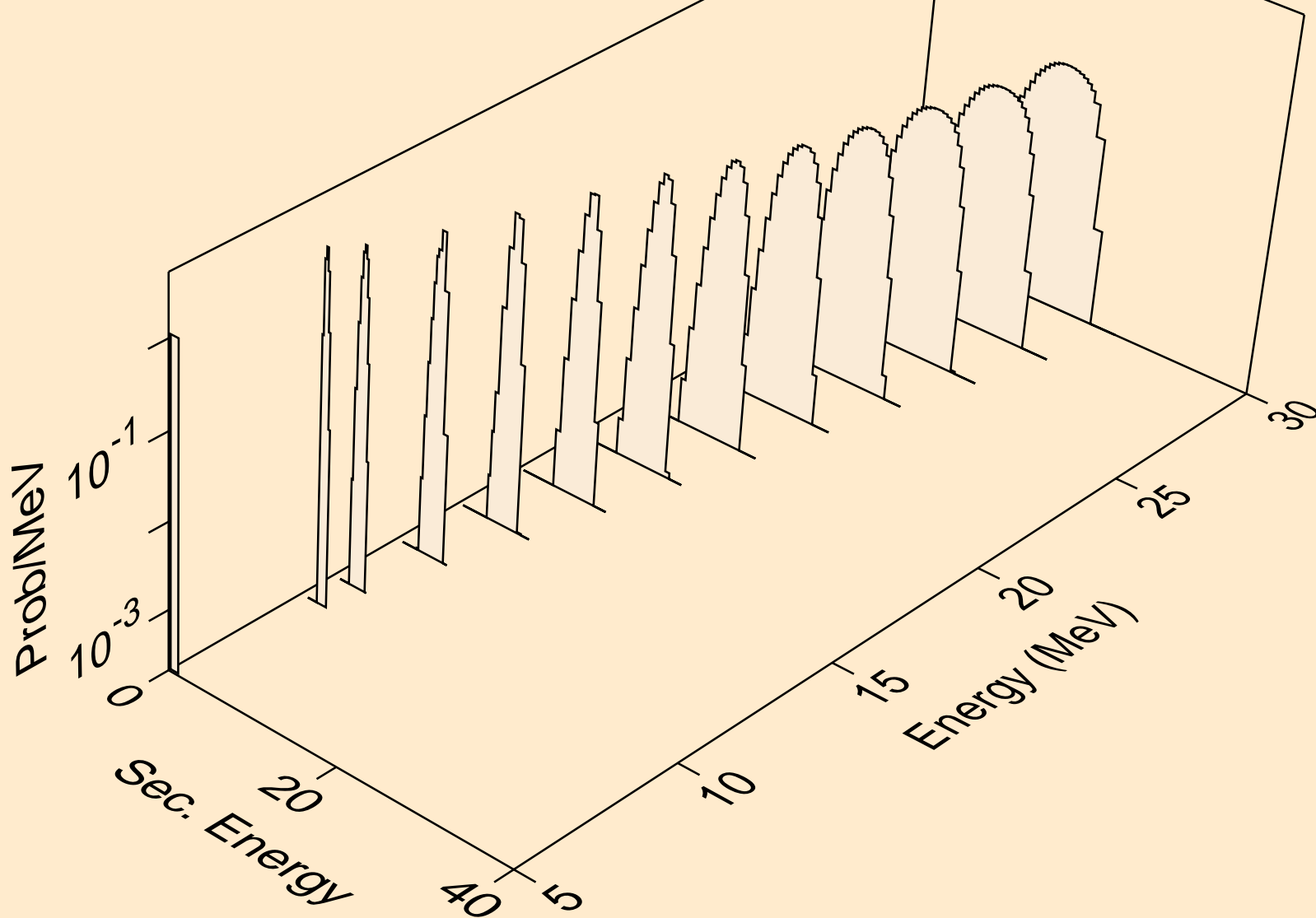
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



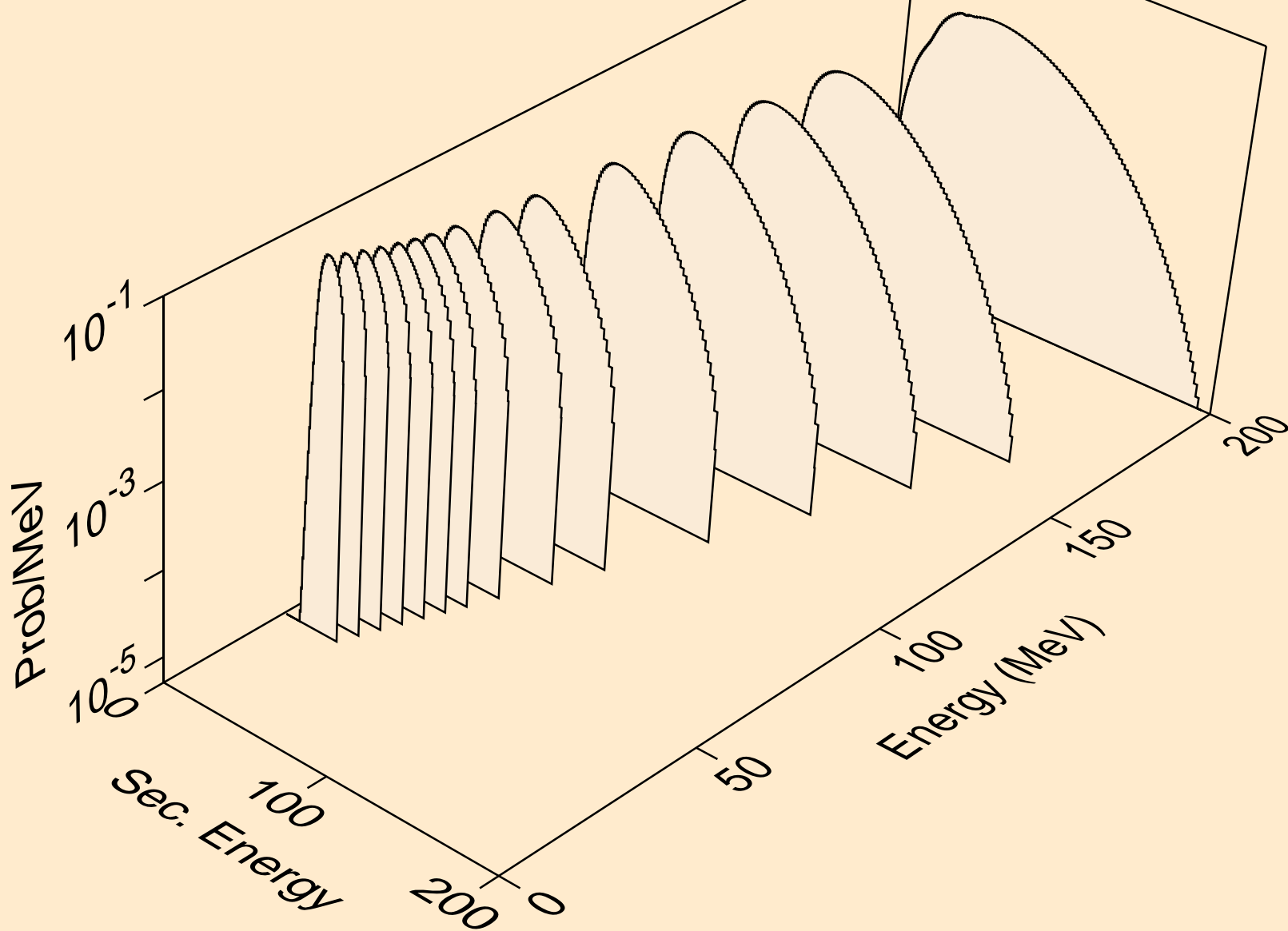
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



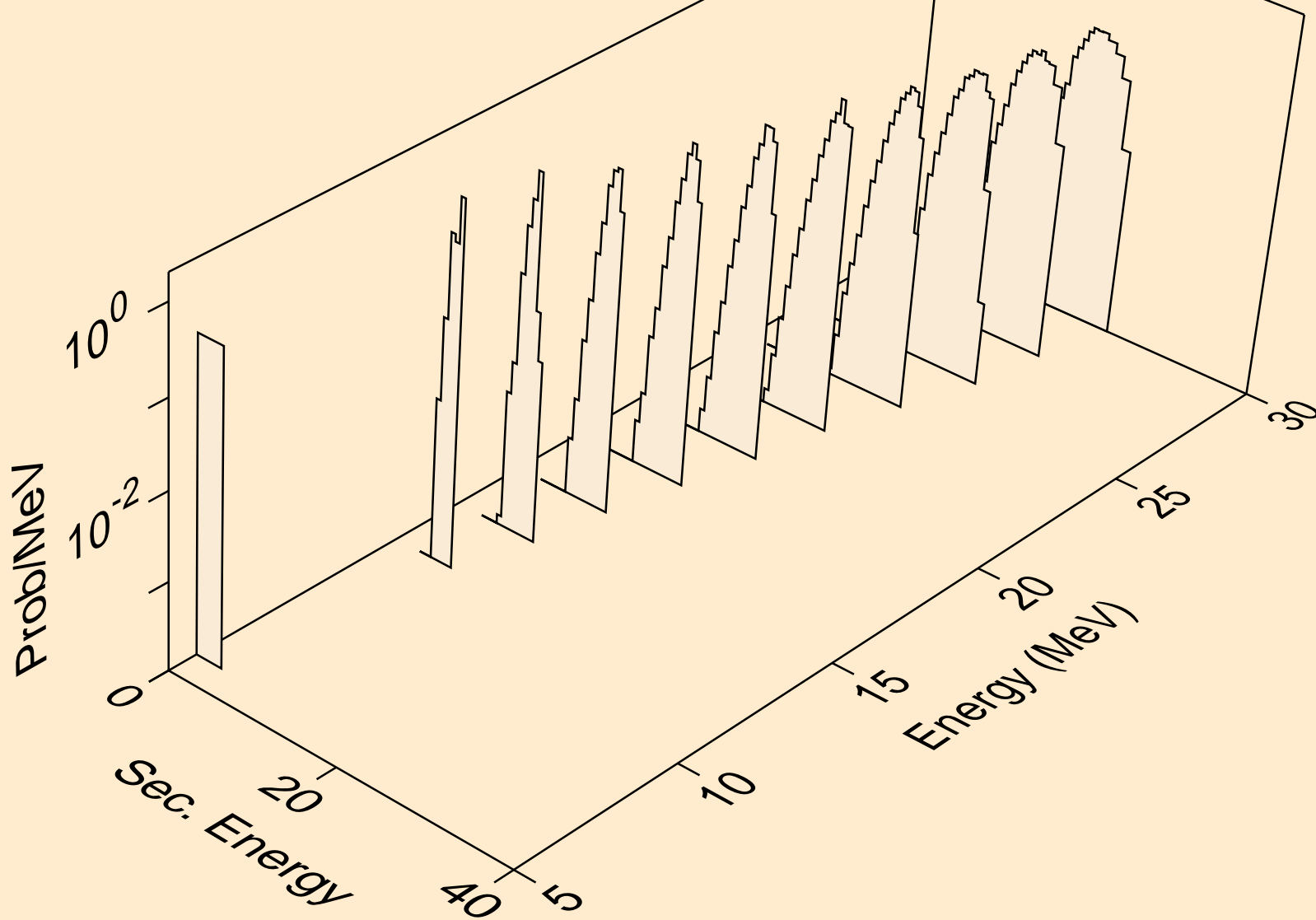
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



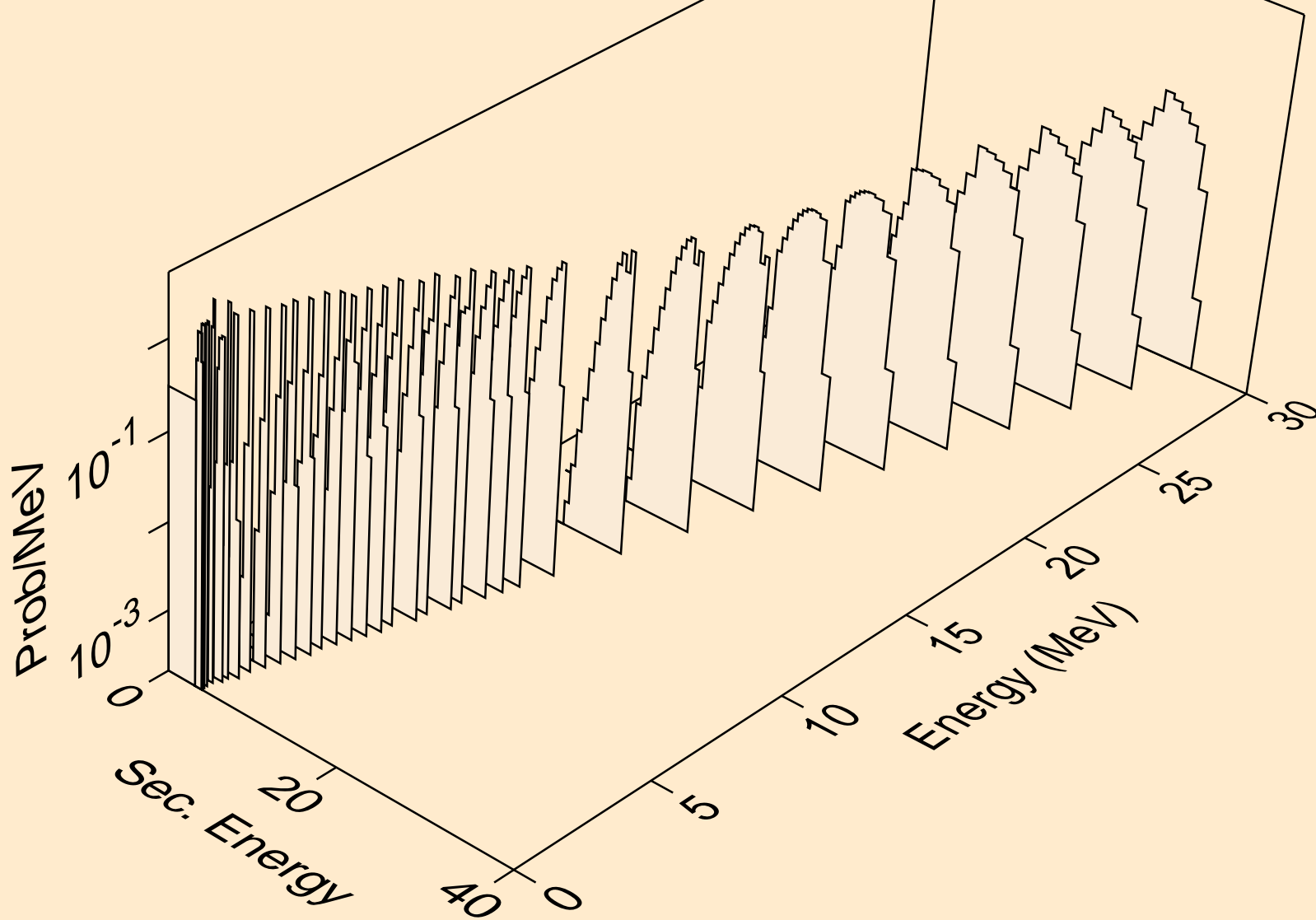
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



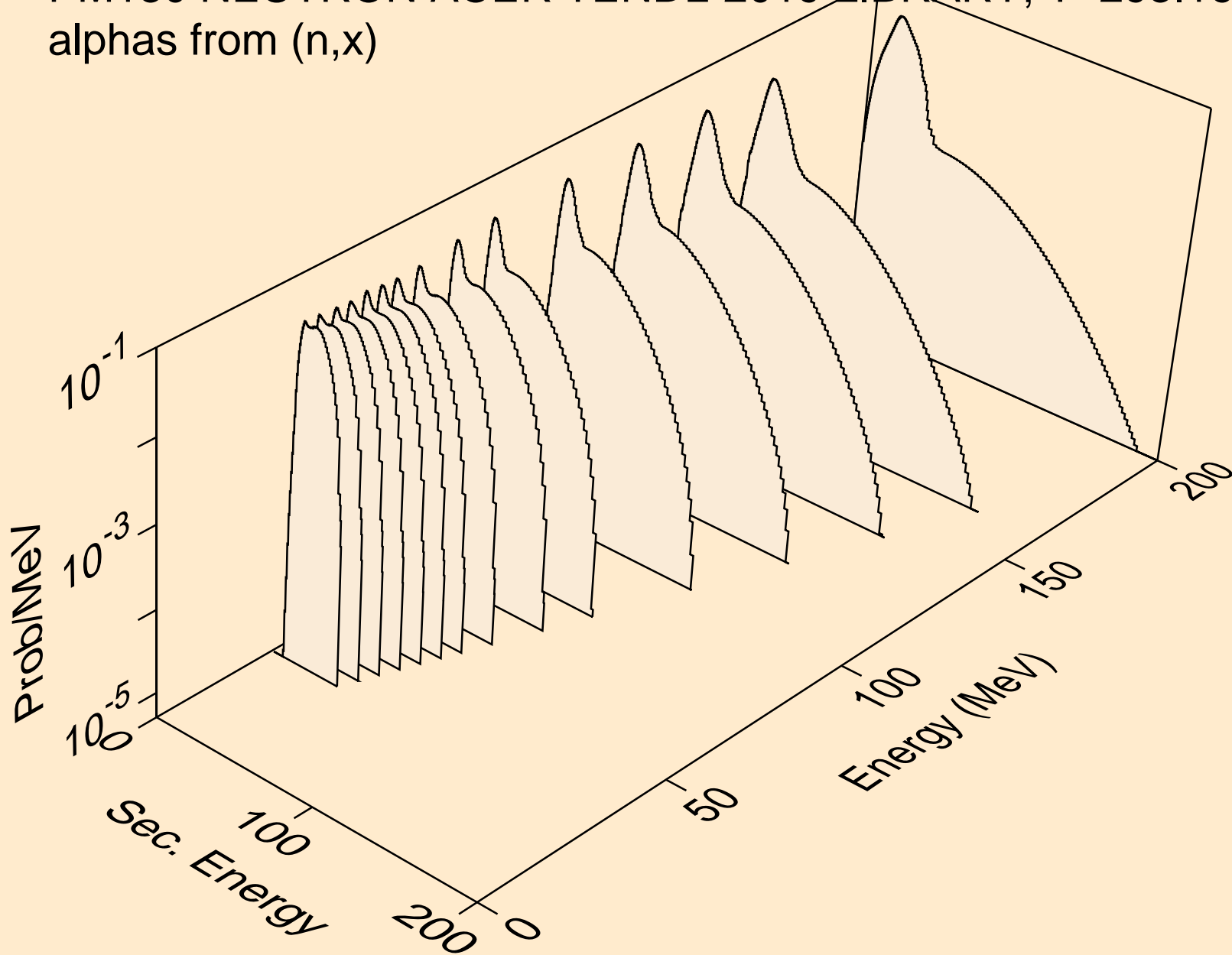
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



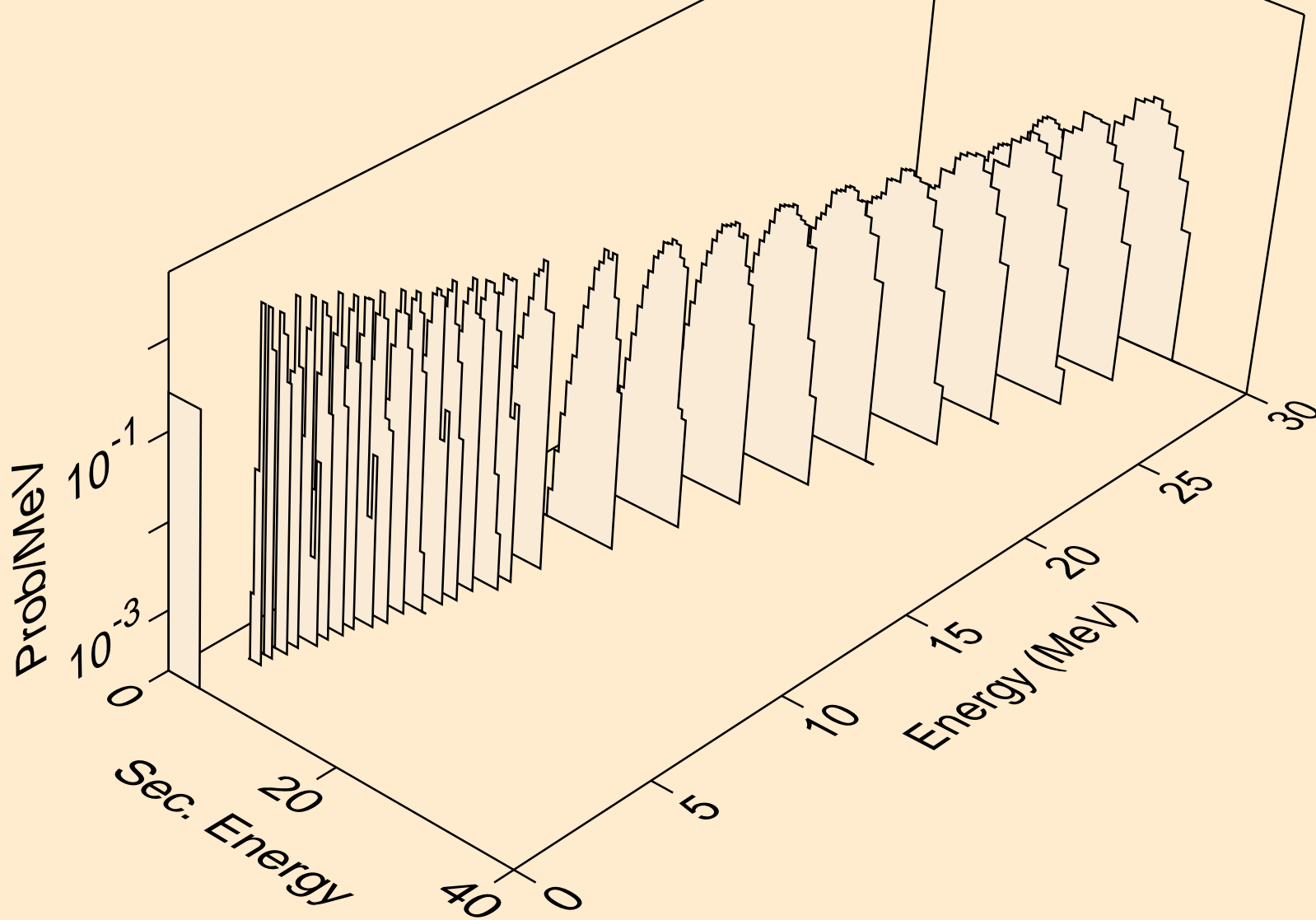
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



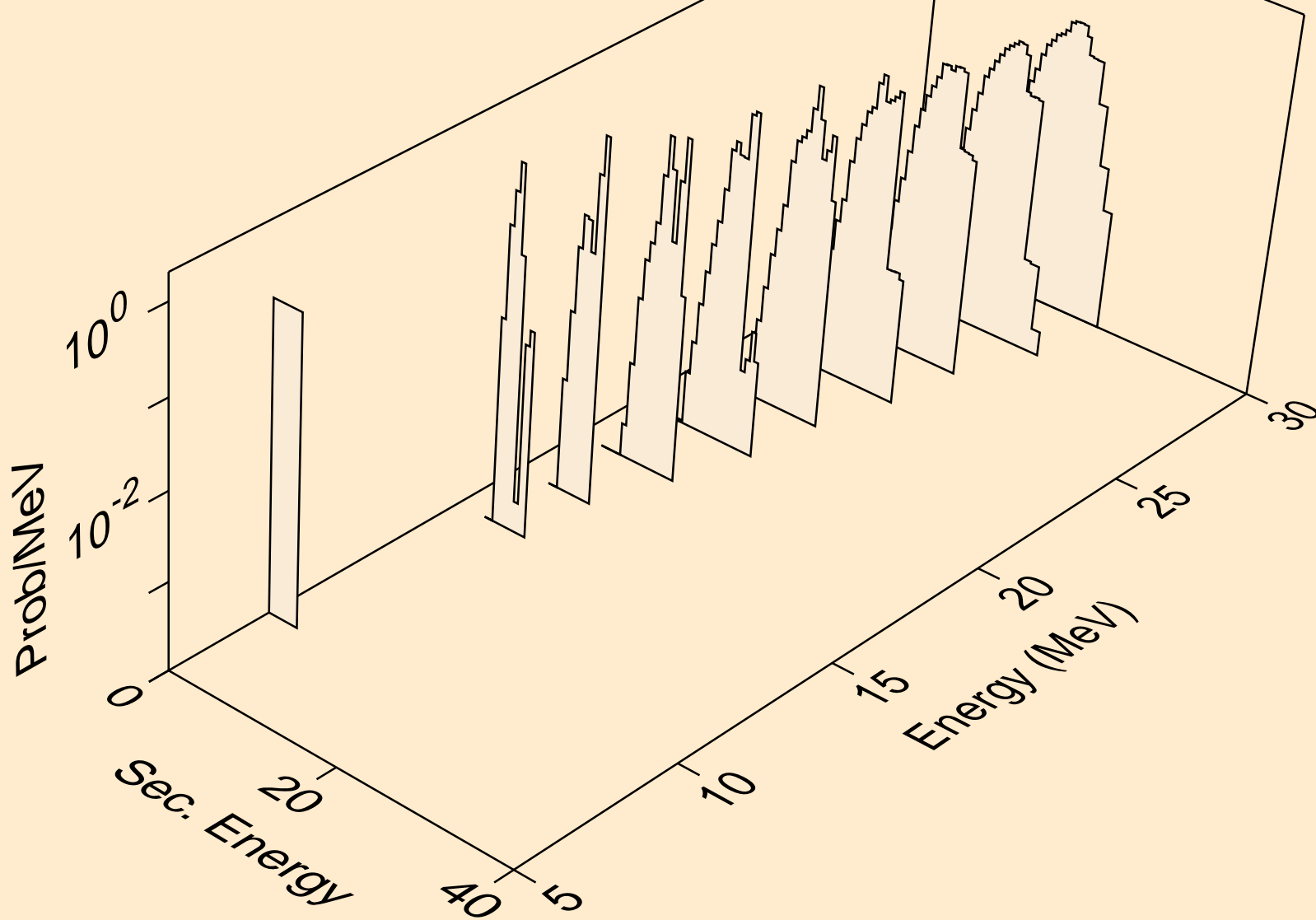
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



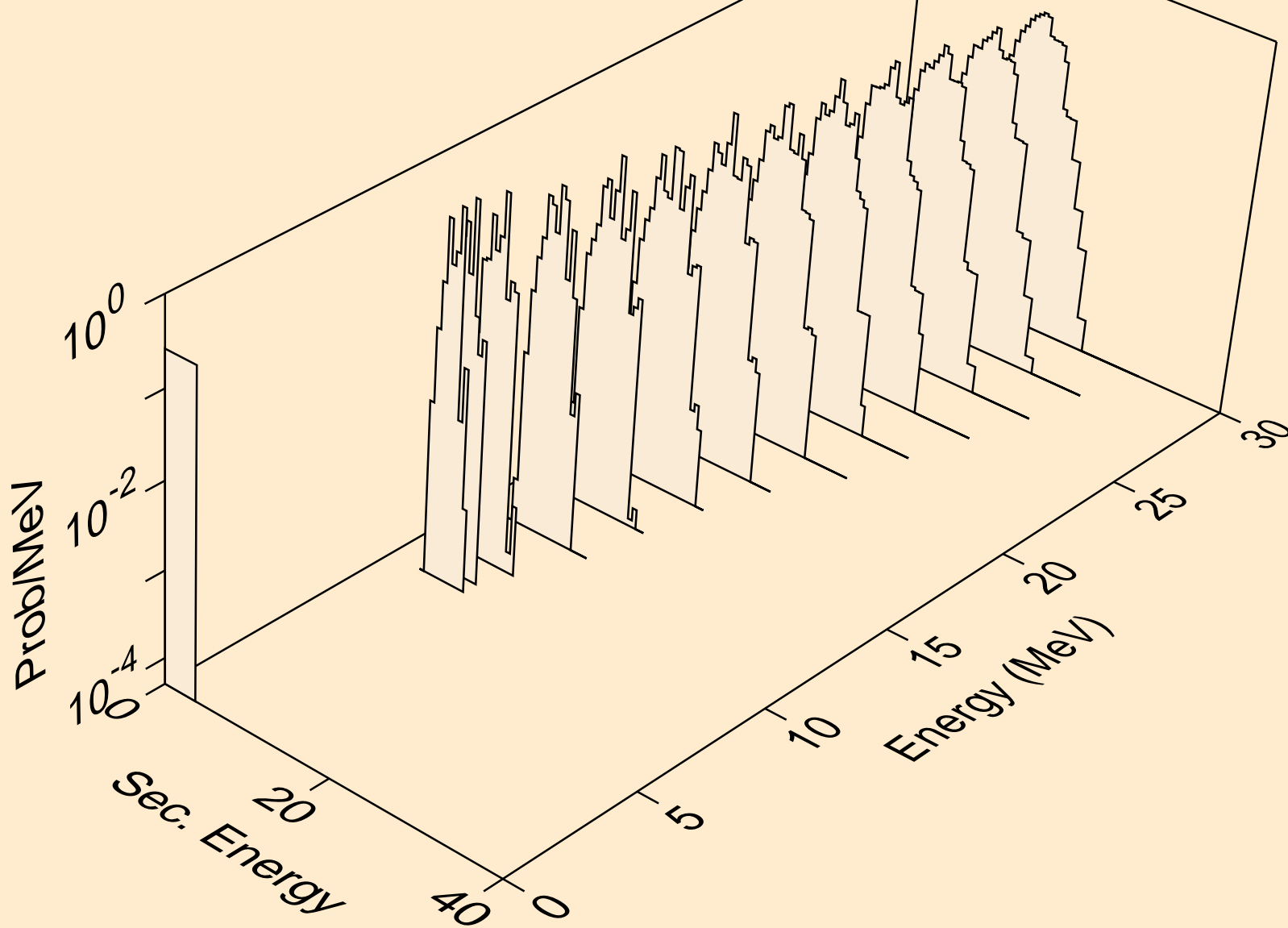
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



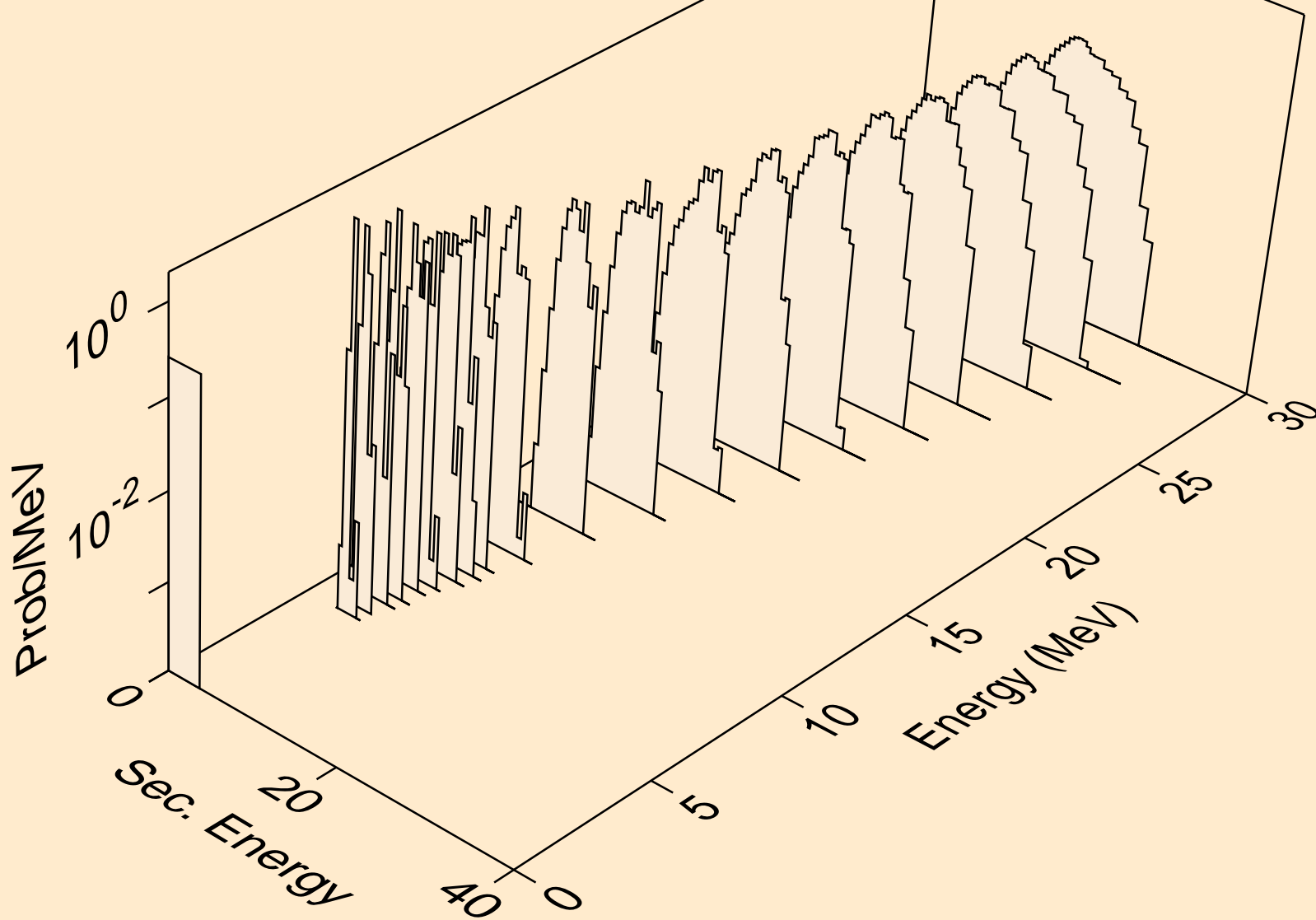
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



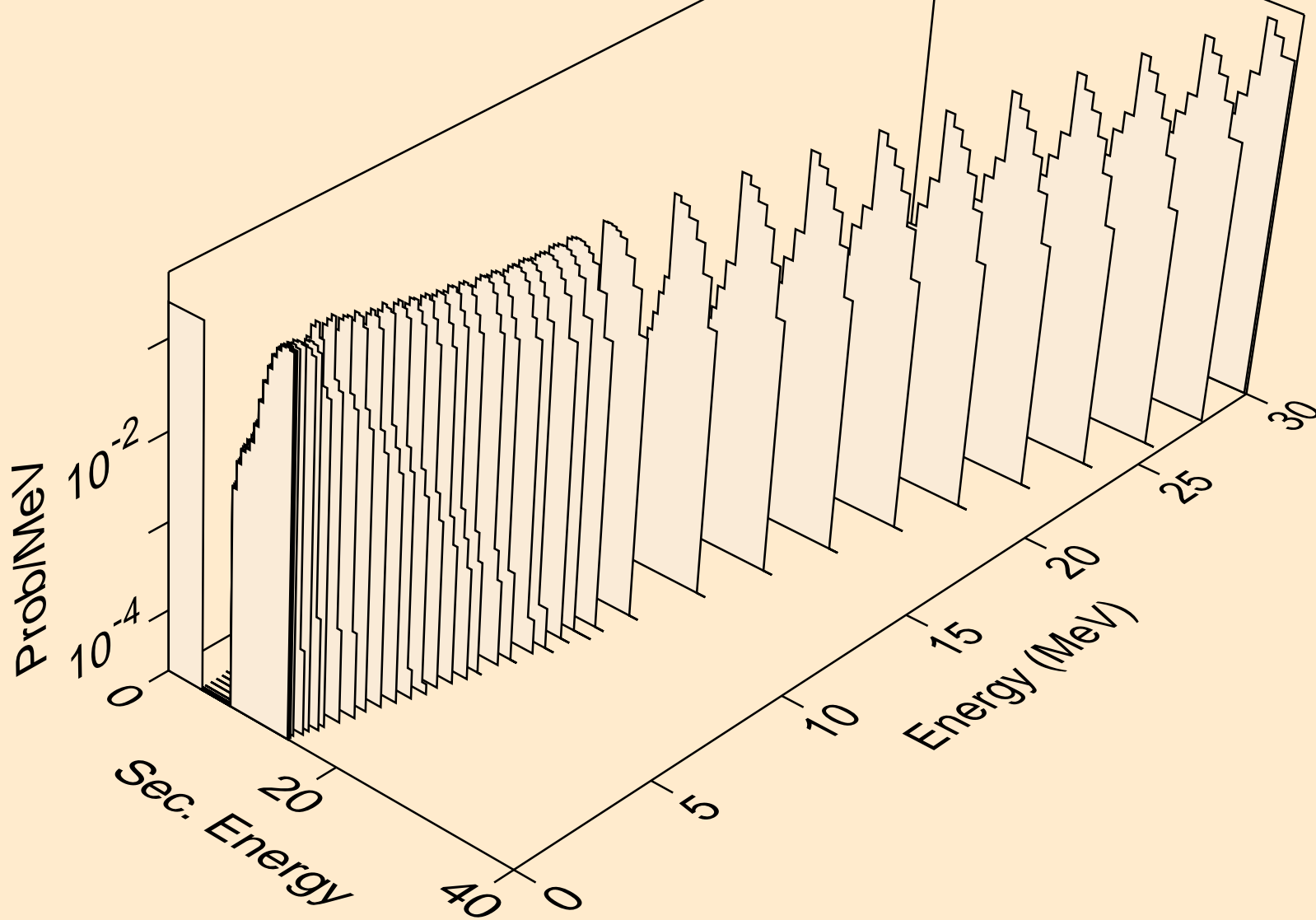
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



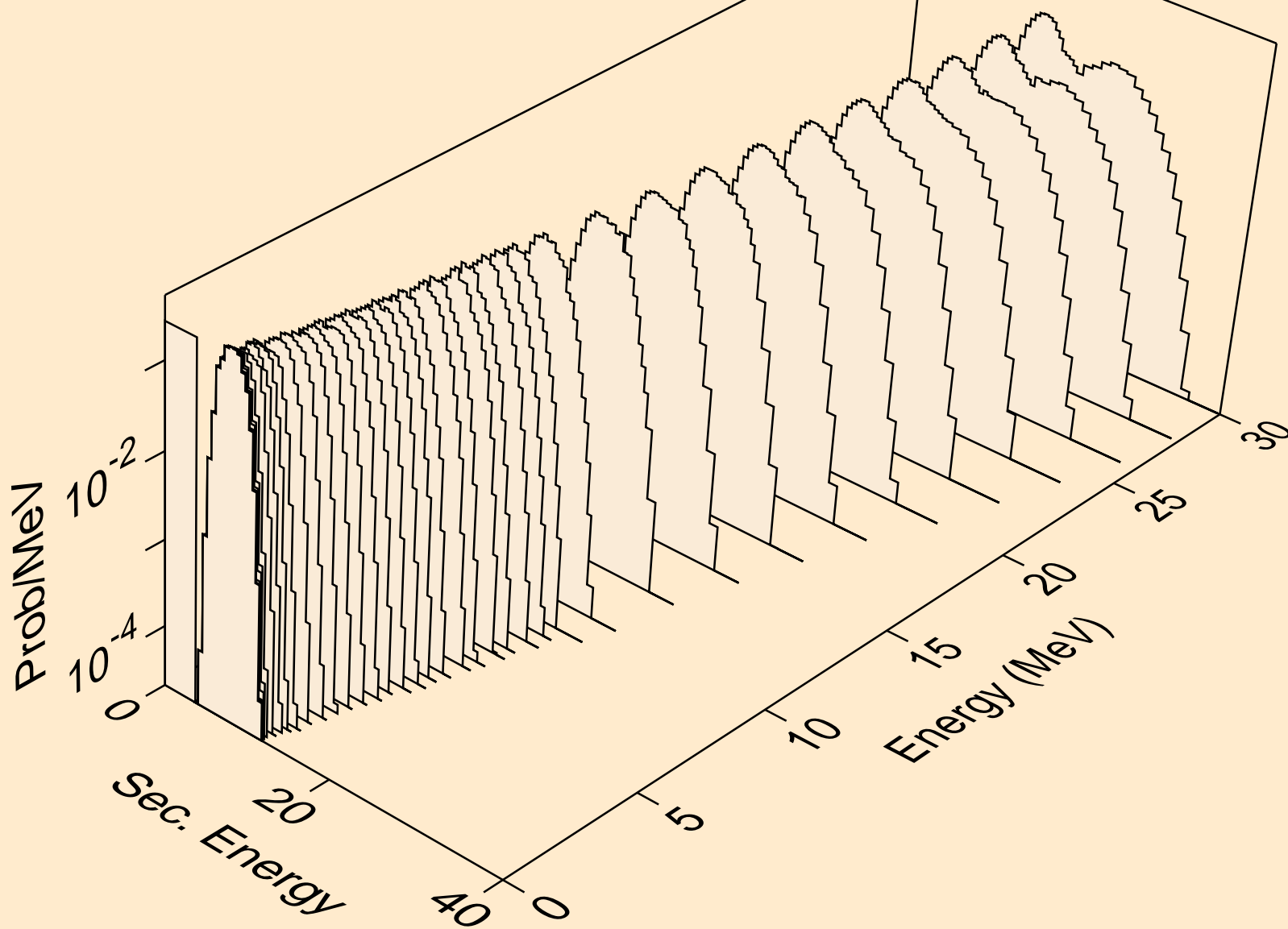
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



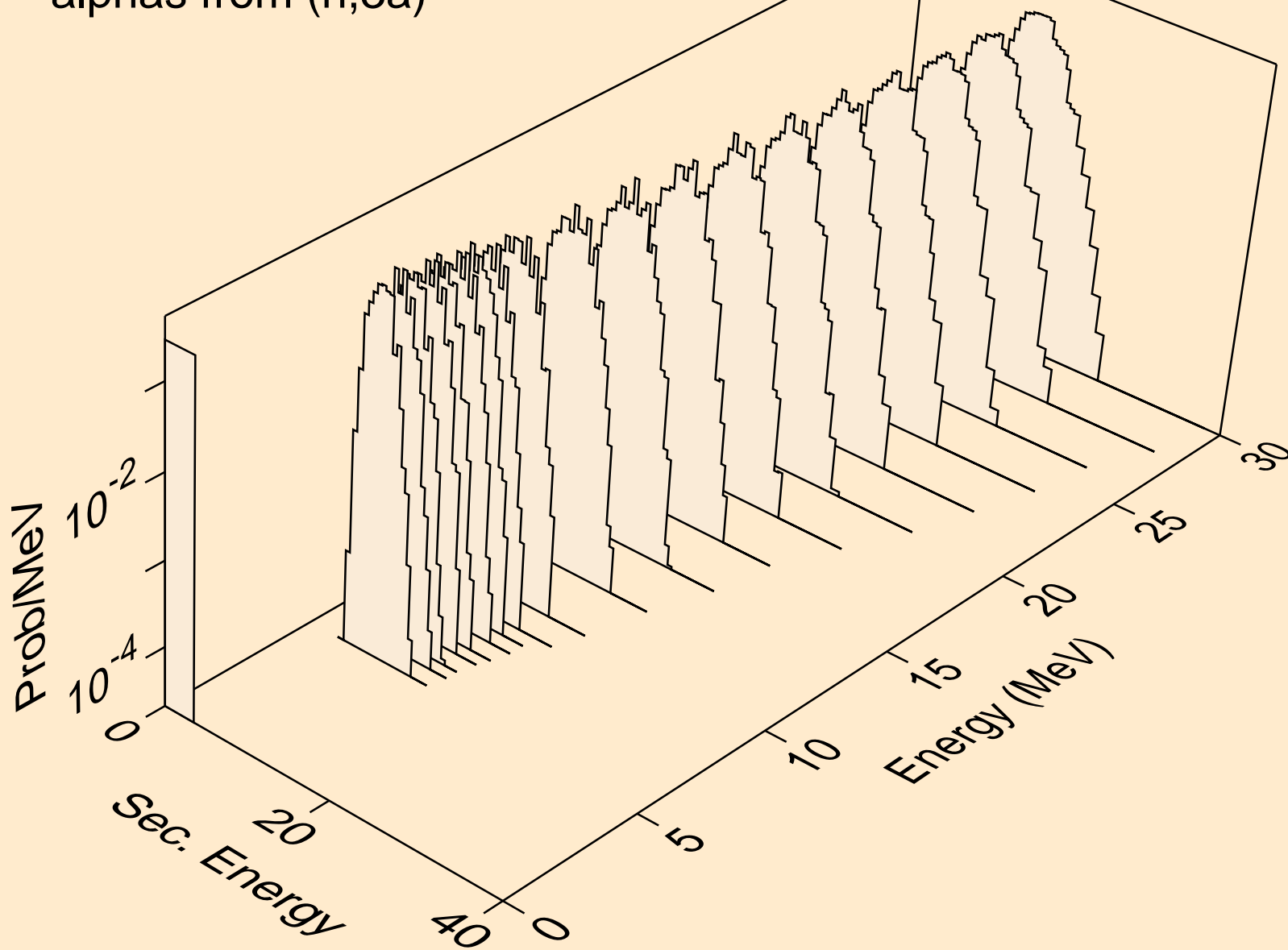
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



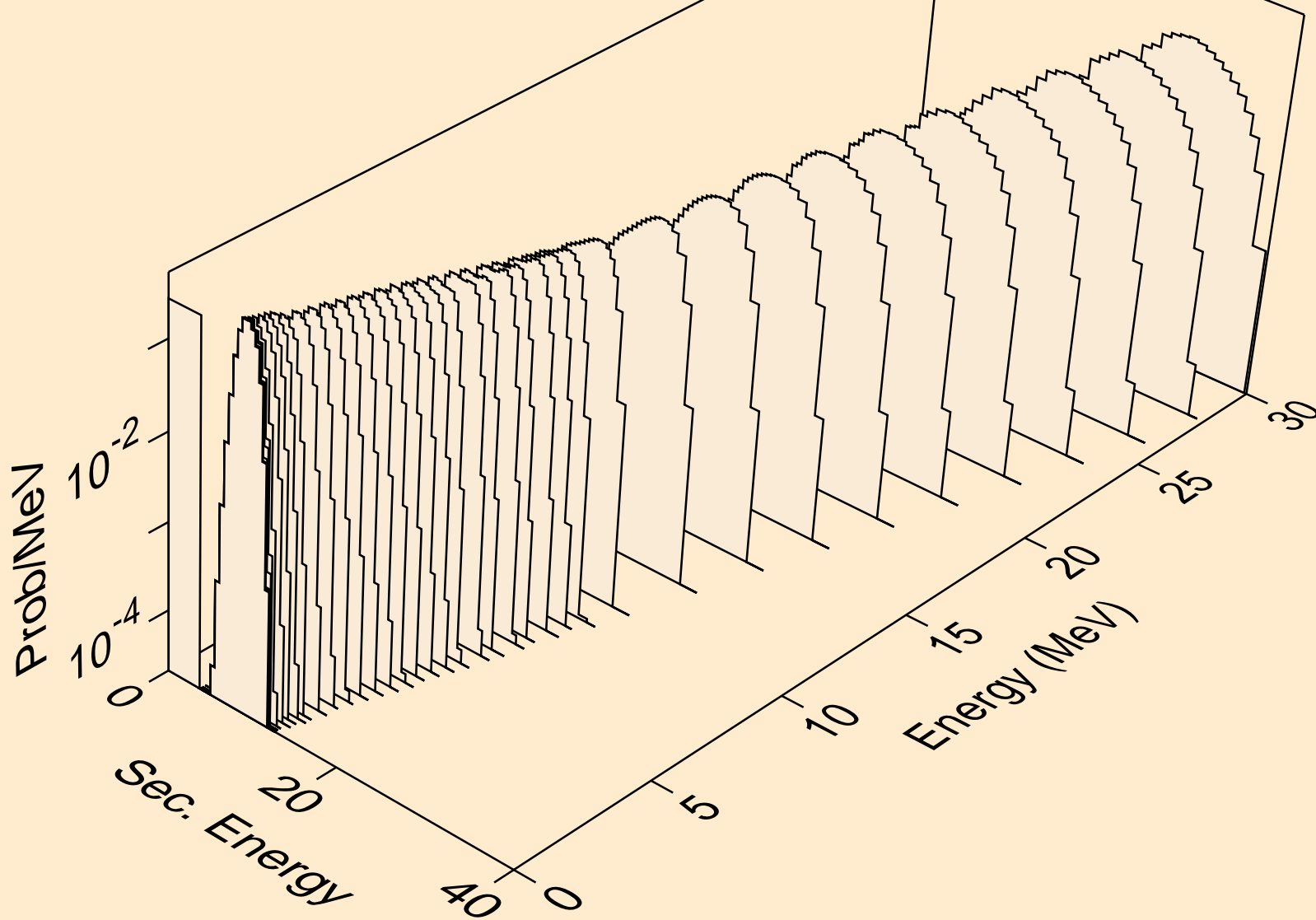
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



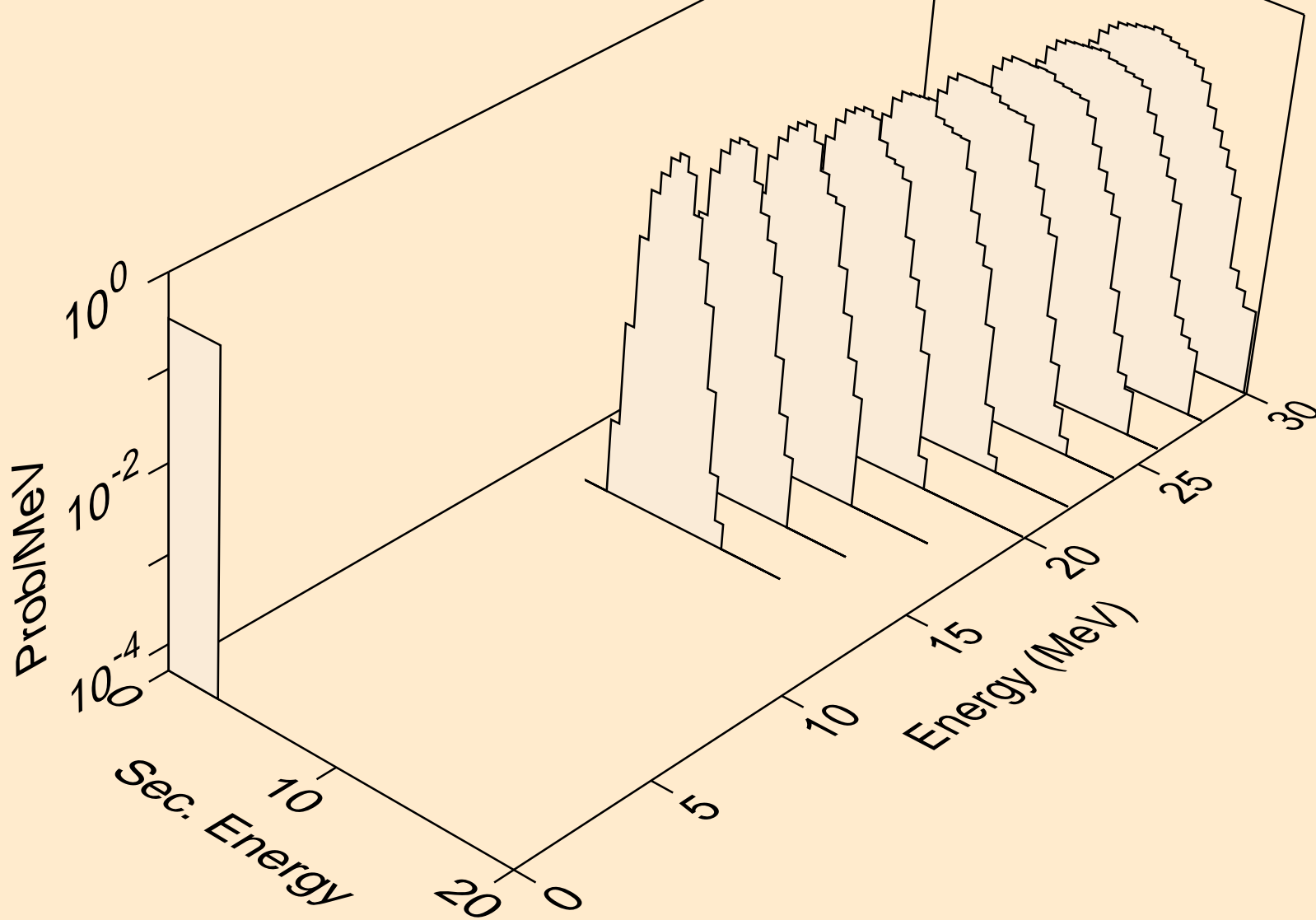
PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



PM130 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

