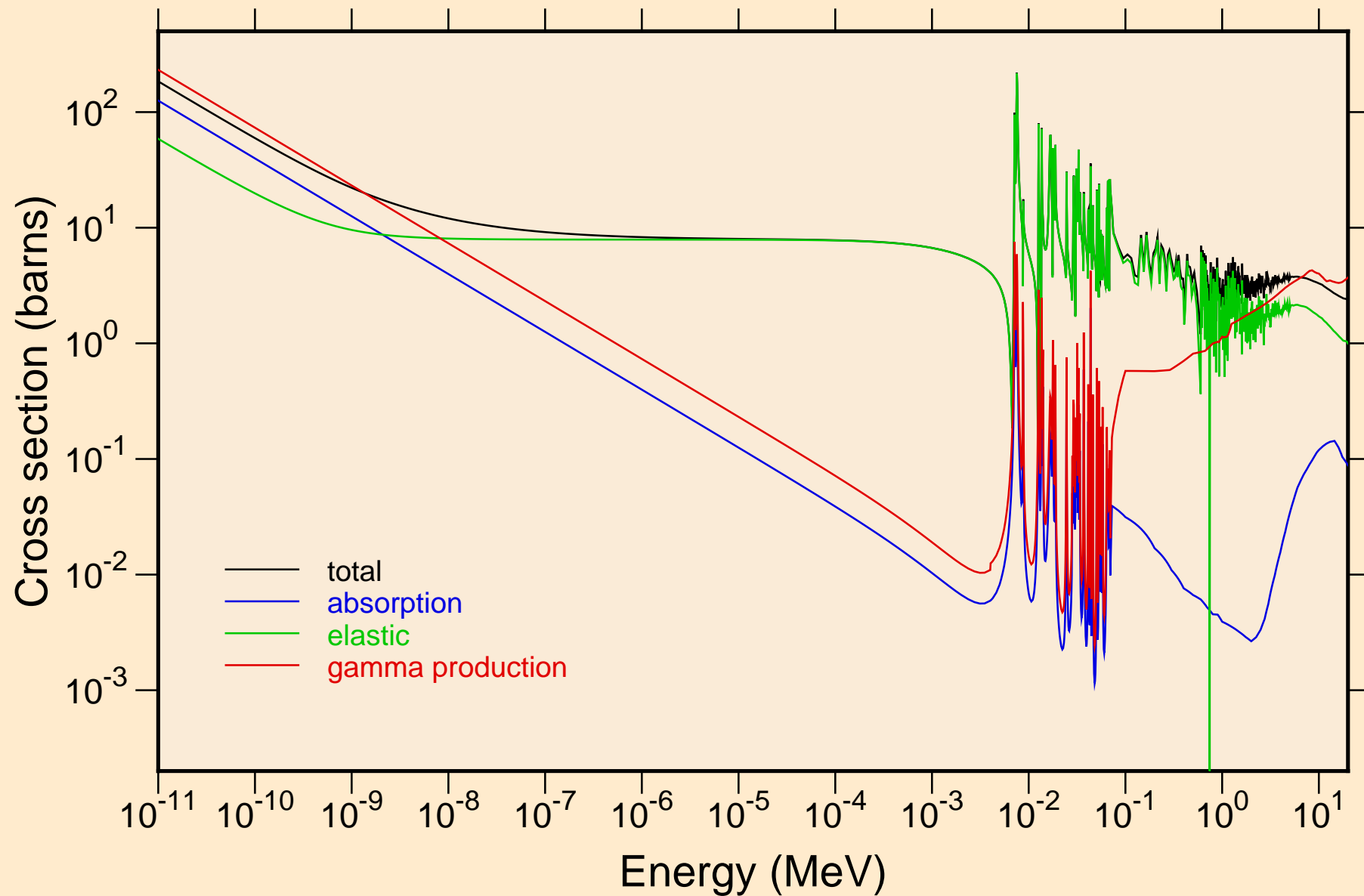
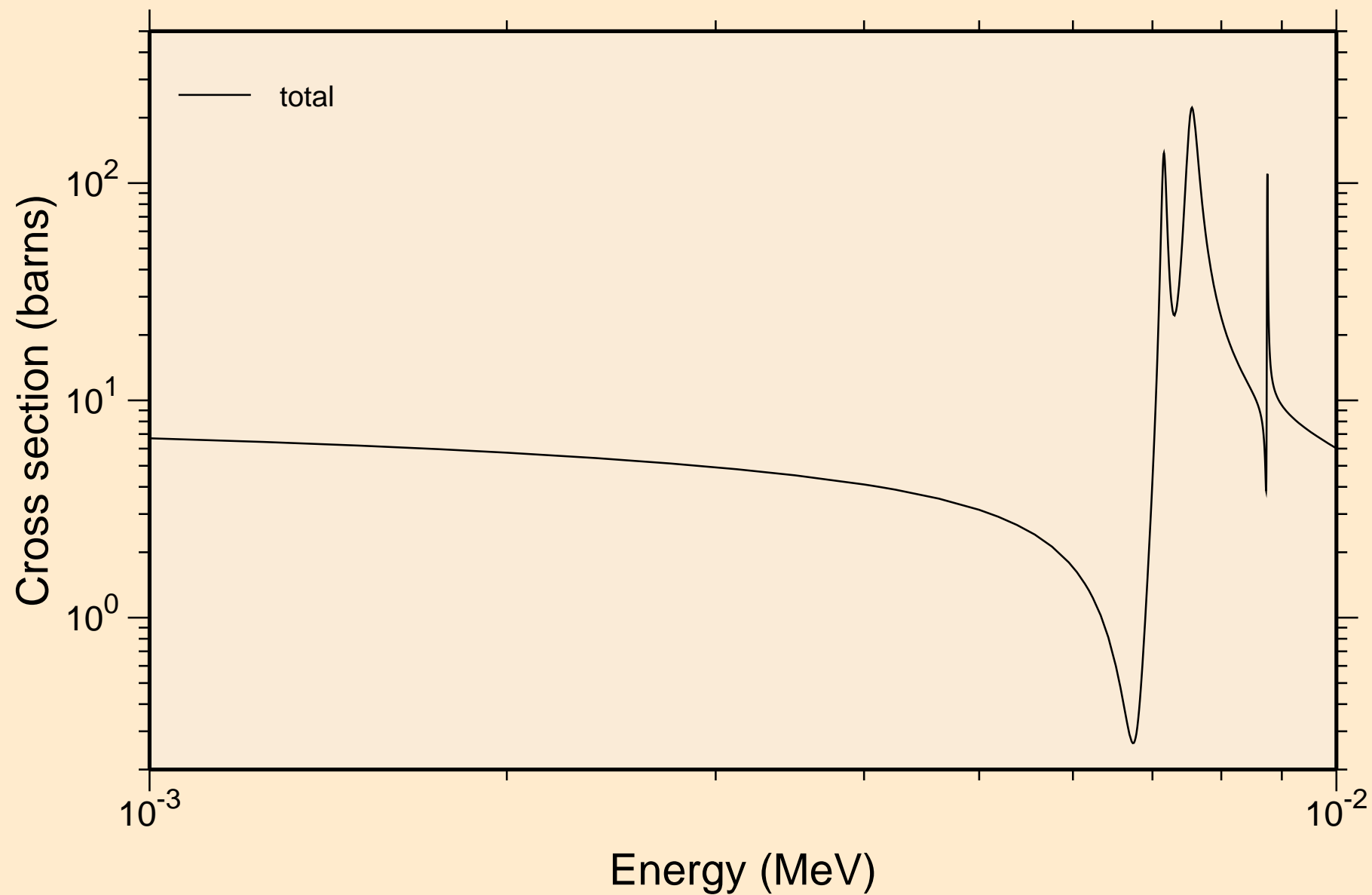


28-NI-61A ENDF-VI.1 NJOY2016

Principal cross sections

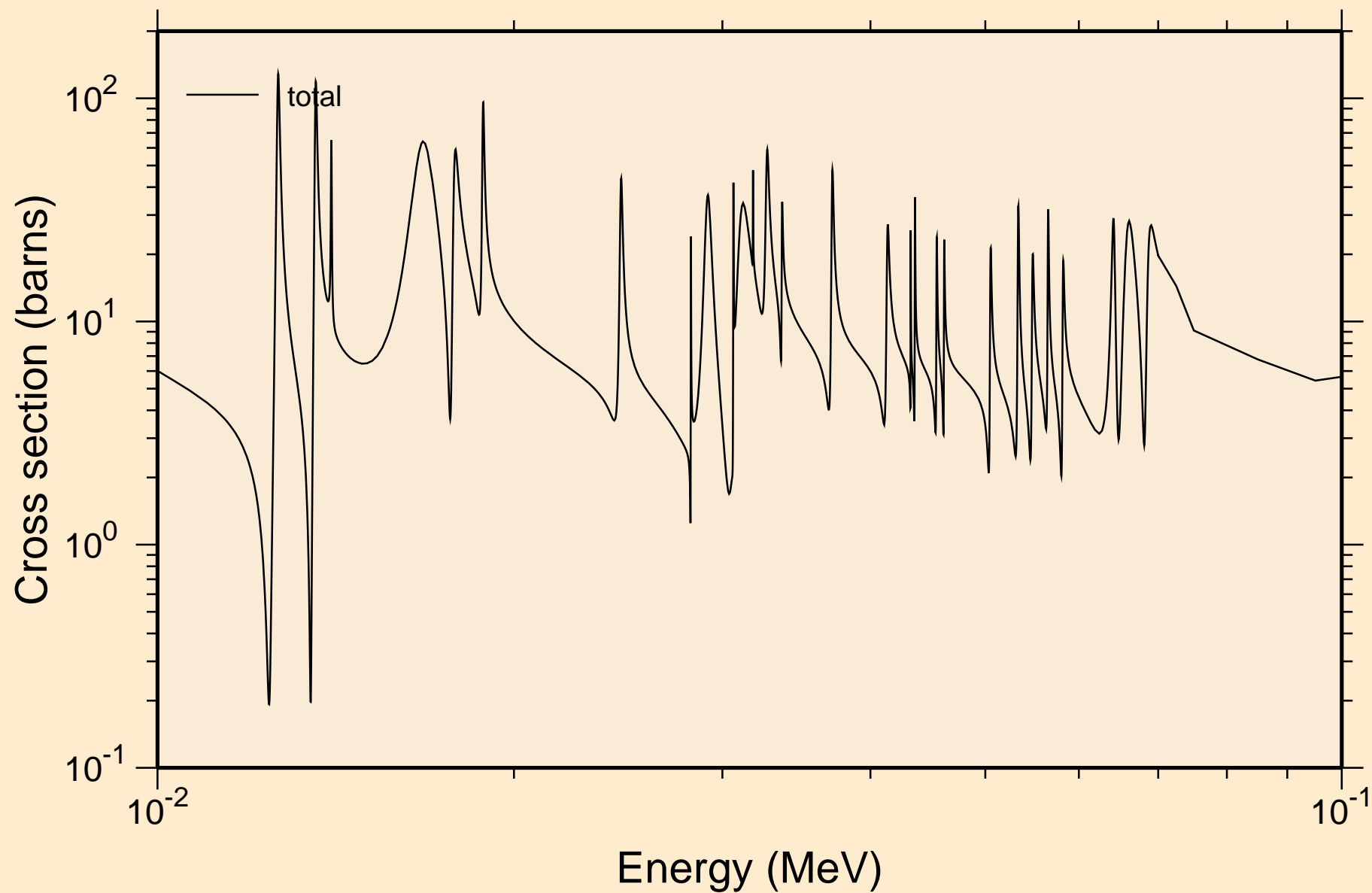


28-NI-61A ENDF-VI.1 NJOY2016
resonance total cross section

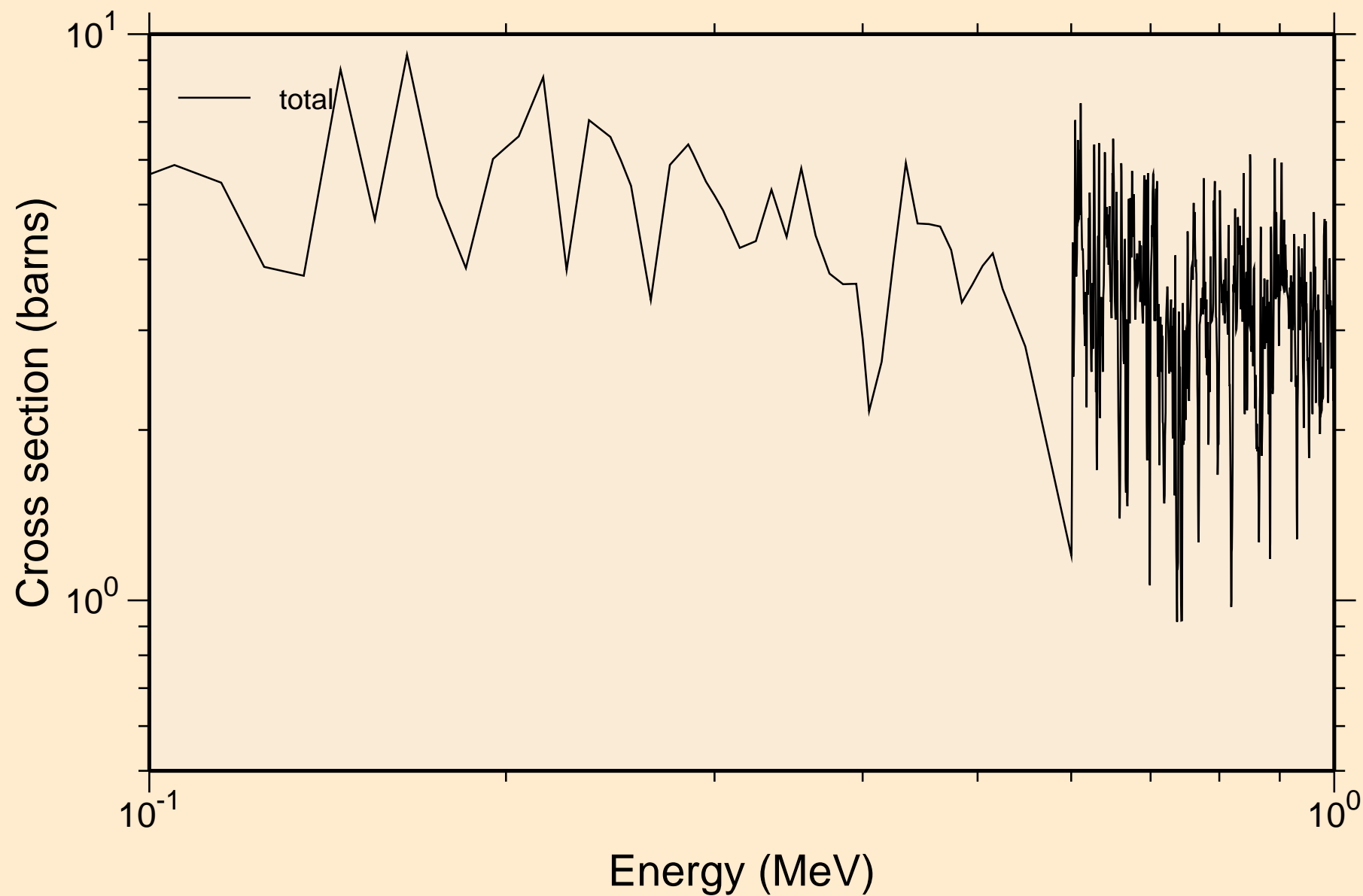


28-NI-61A ENDF-VI.1 NJOY2016

resonance total cross section

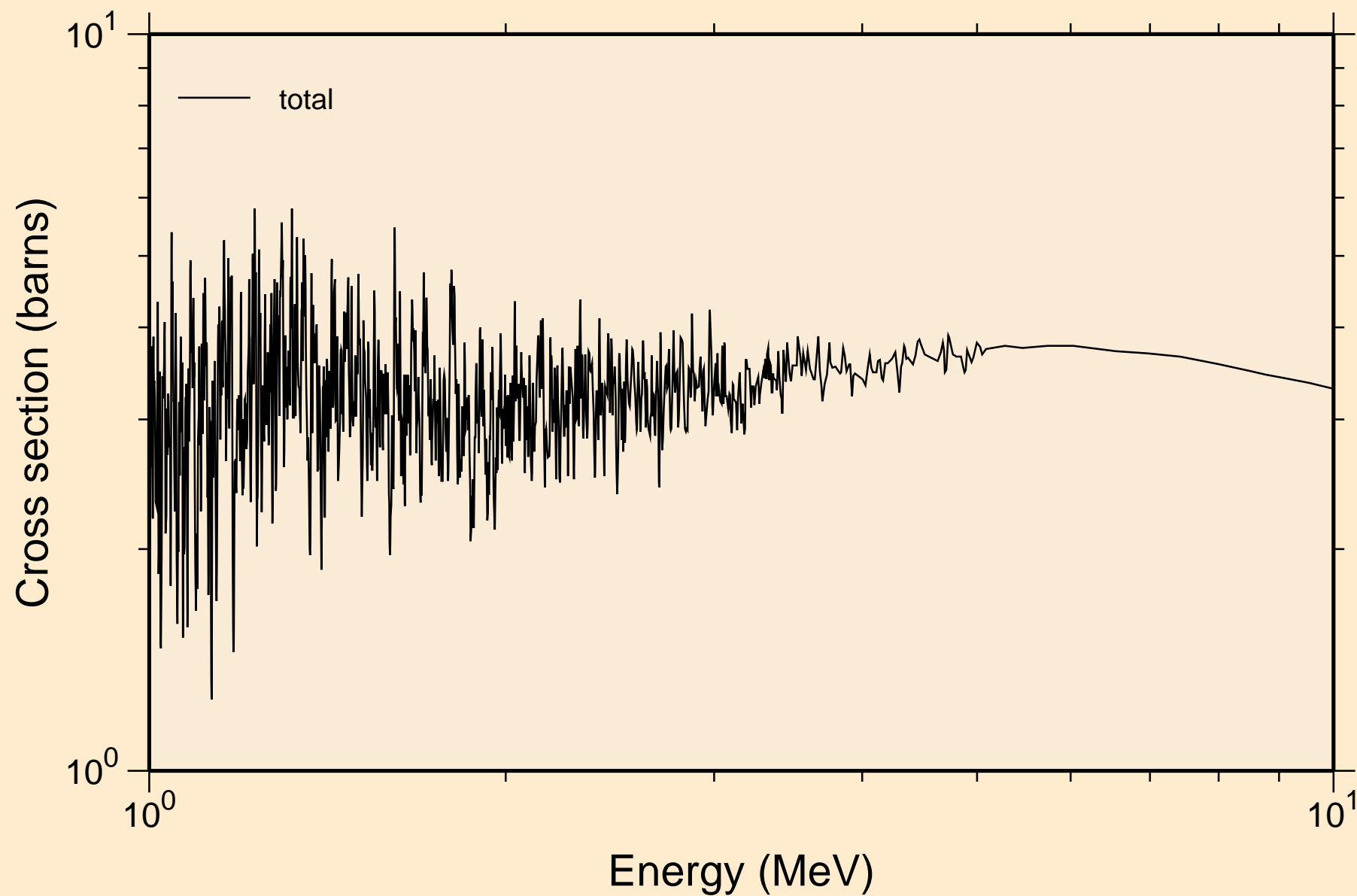


28-NI-61A ENDF-VI.1 NJOY2016
resonance total cross section

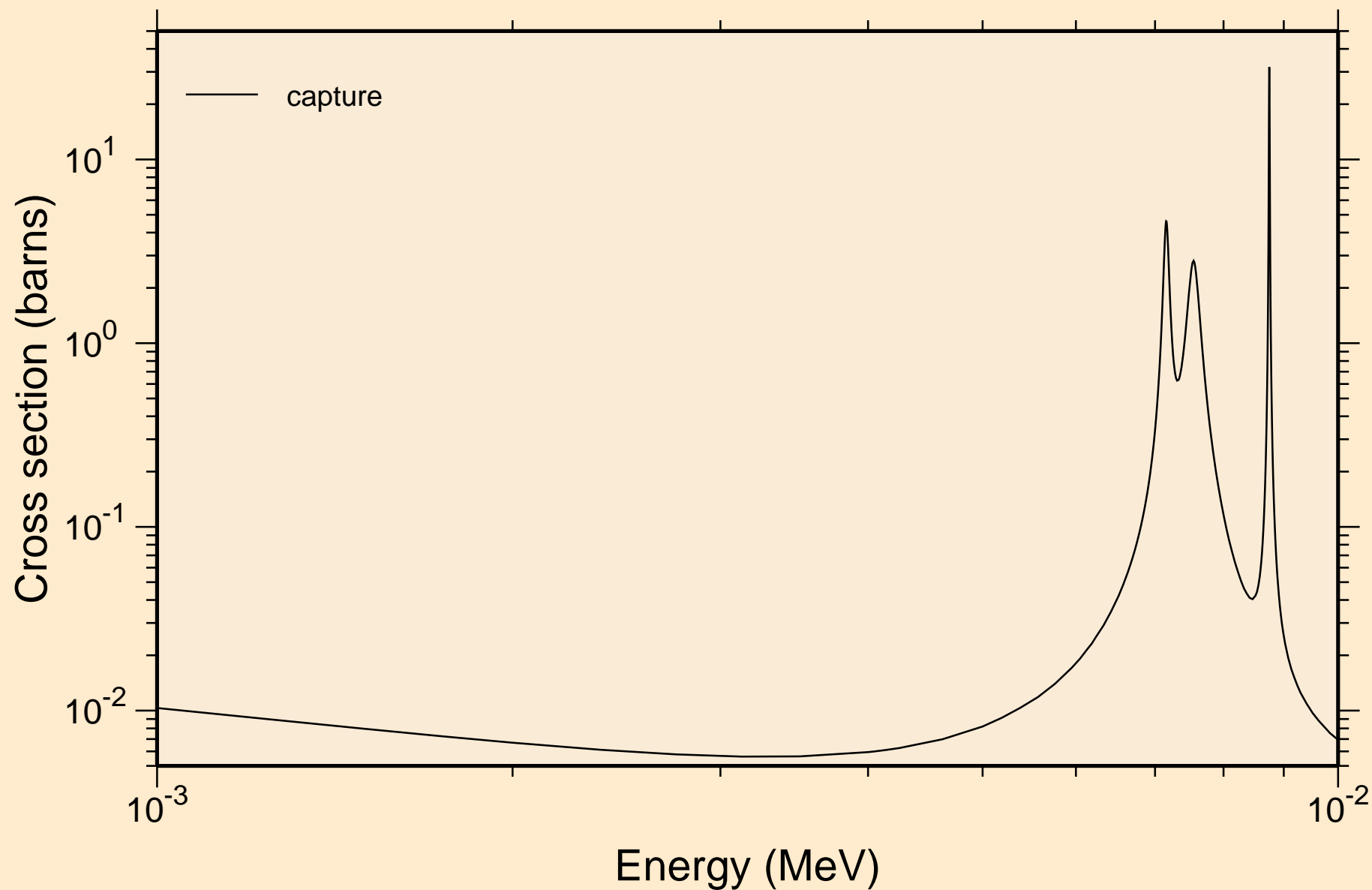


28-NI-61A ENDF-VI.1 NJOY2016

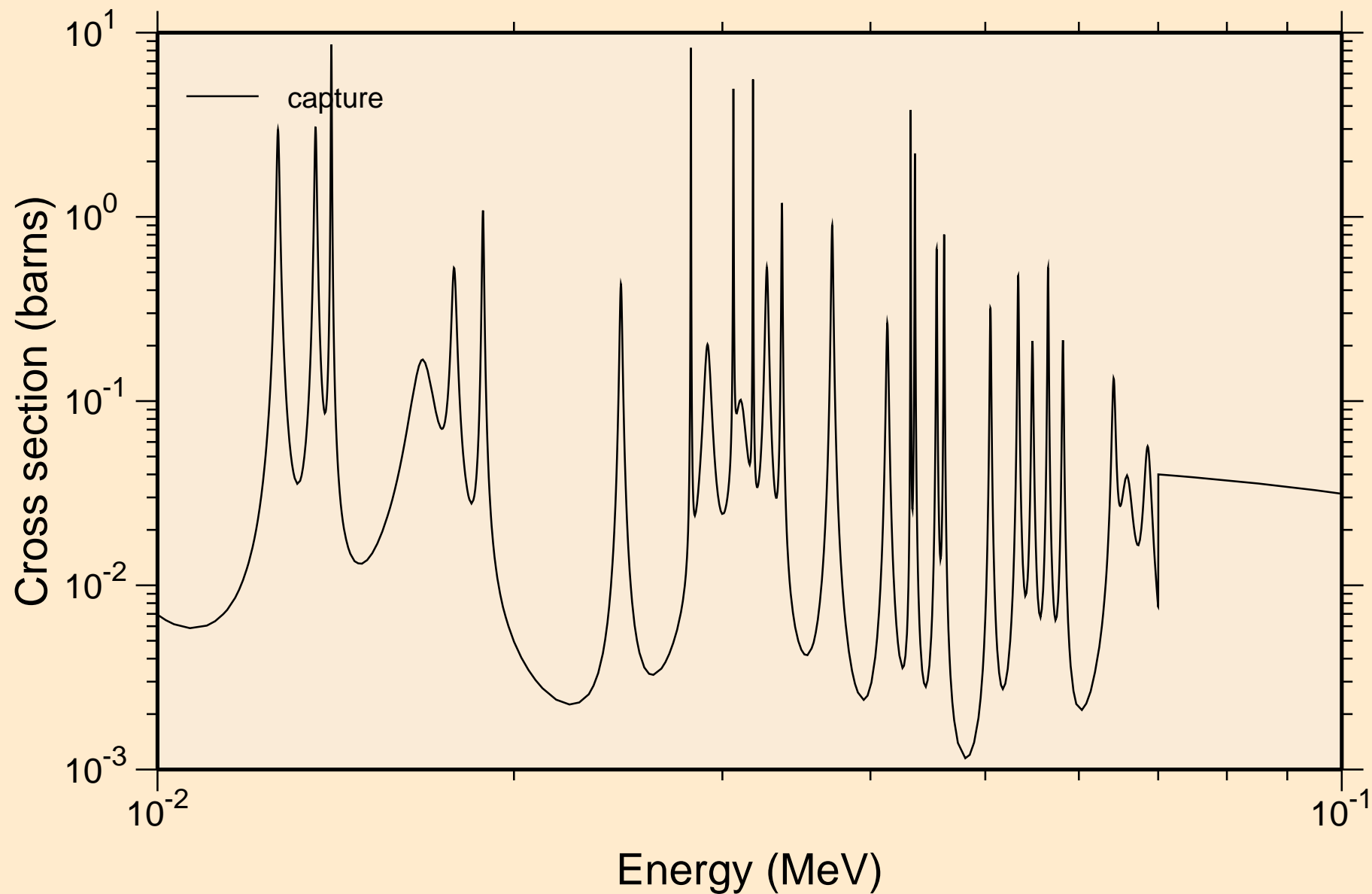
resonance total cross section



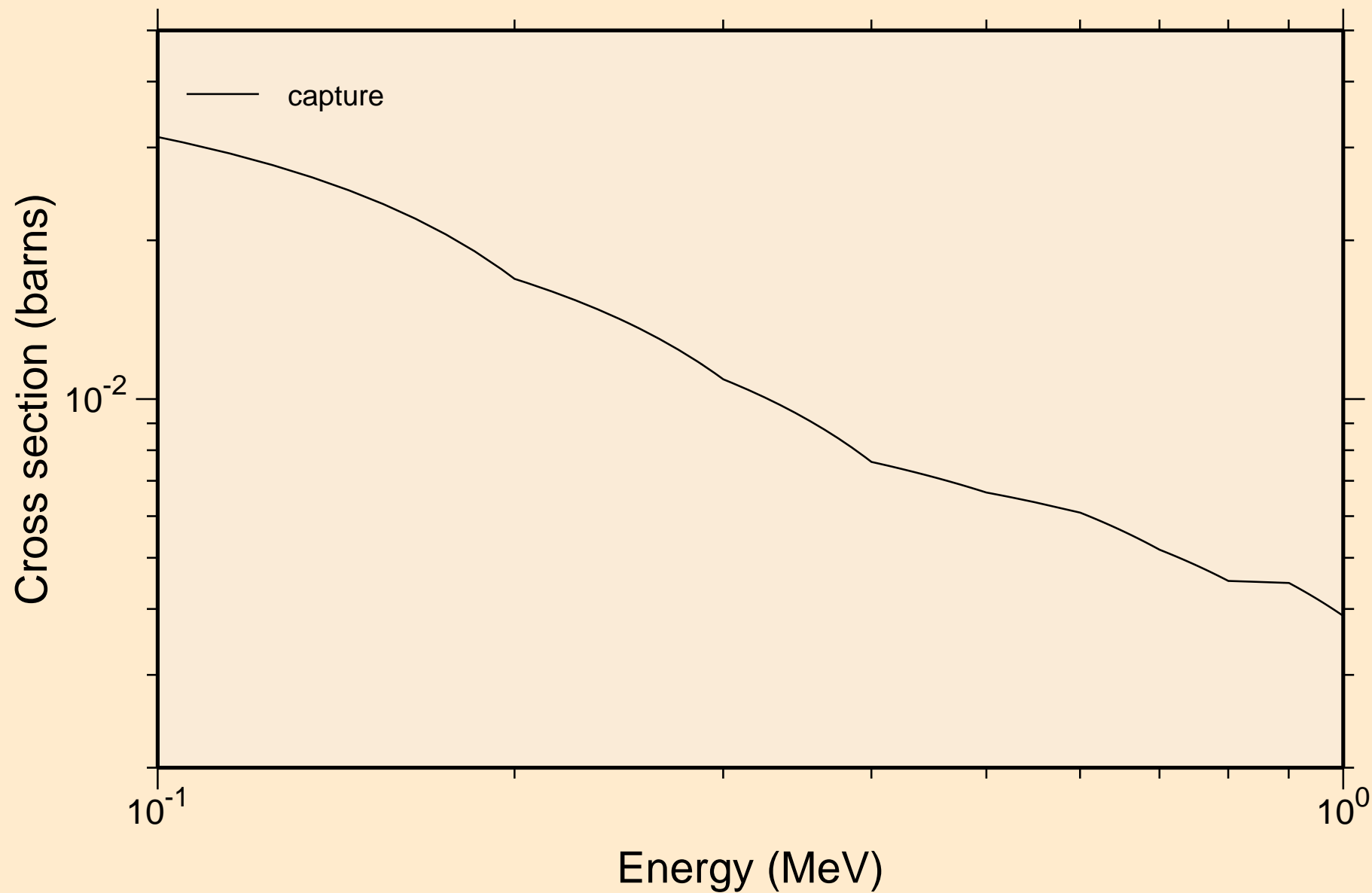
28-NI-61A ENDF-VI.1 NJOY2016
resonance absorption cross sections



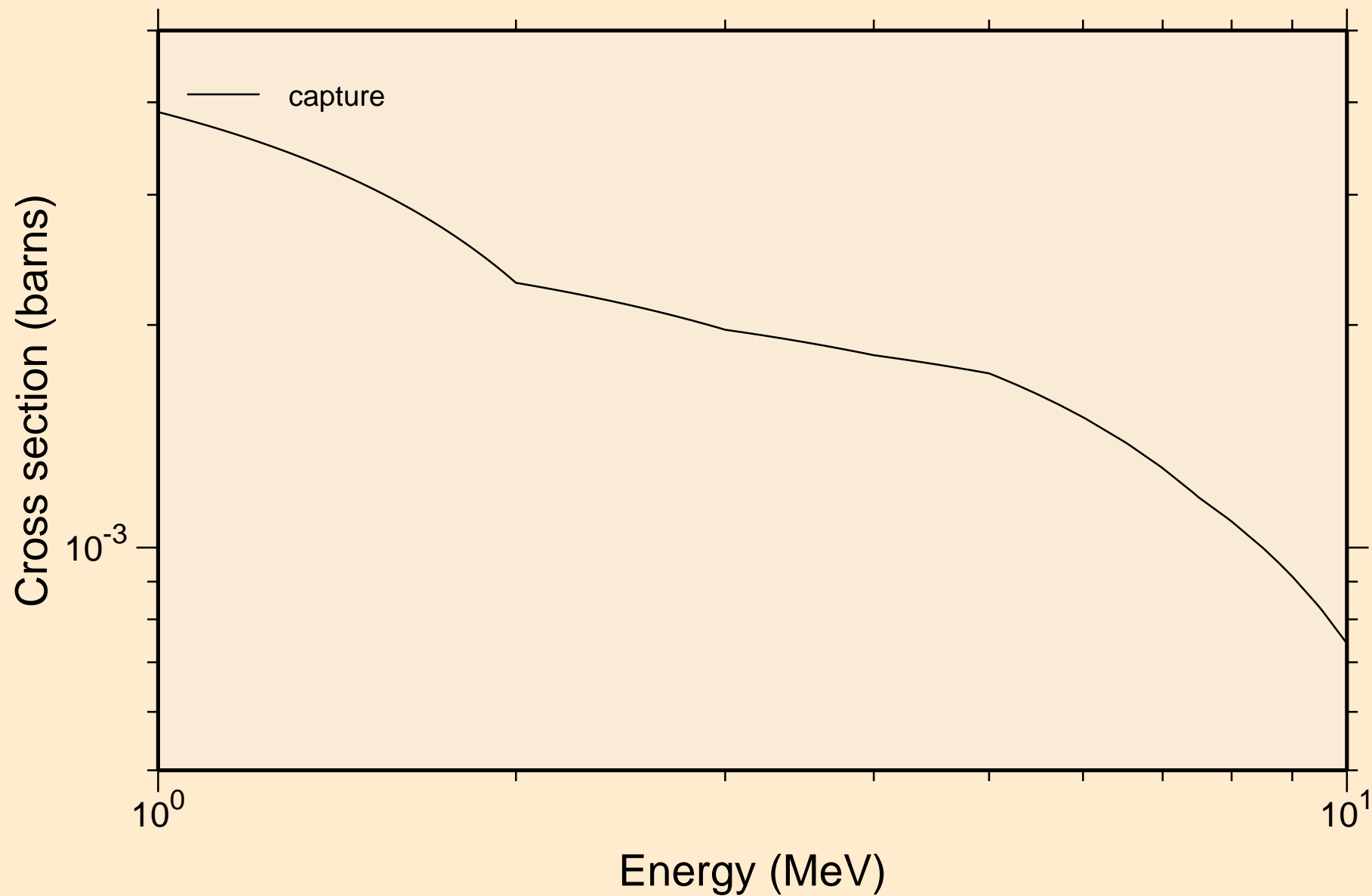
28-NI-61A ENDF-VI.1 NJOY2016
resonance absorption cross sections



28-NI-61A ENDF-VI.1 NJOY2016
resonance absorption cross sections

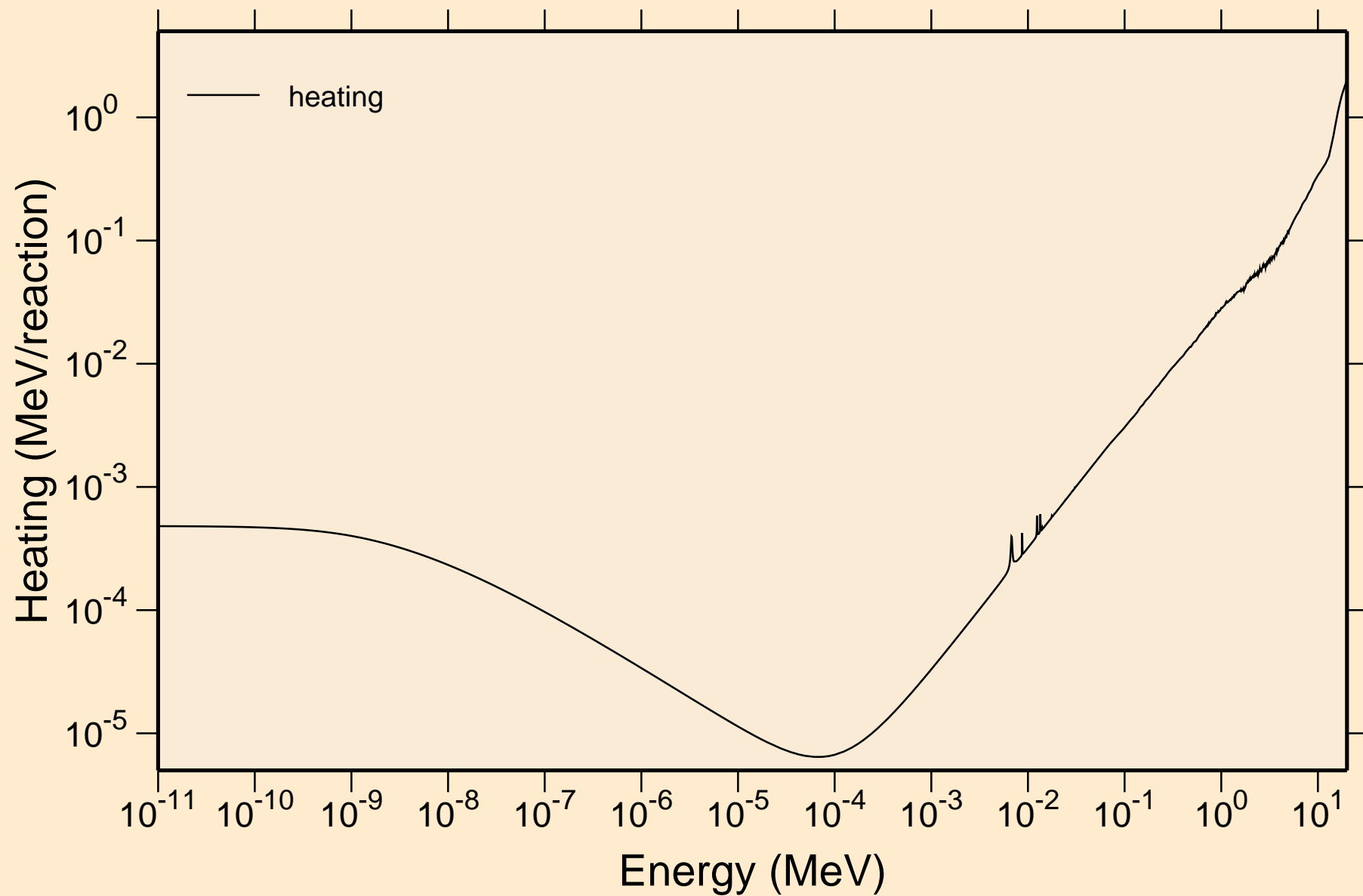


28-NI-61A ENDF-VI.1 NJOY2016
resonance absorption cross sections



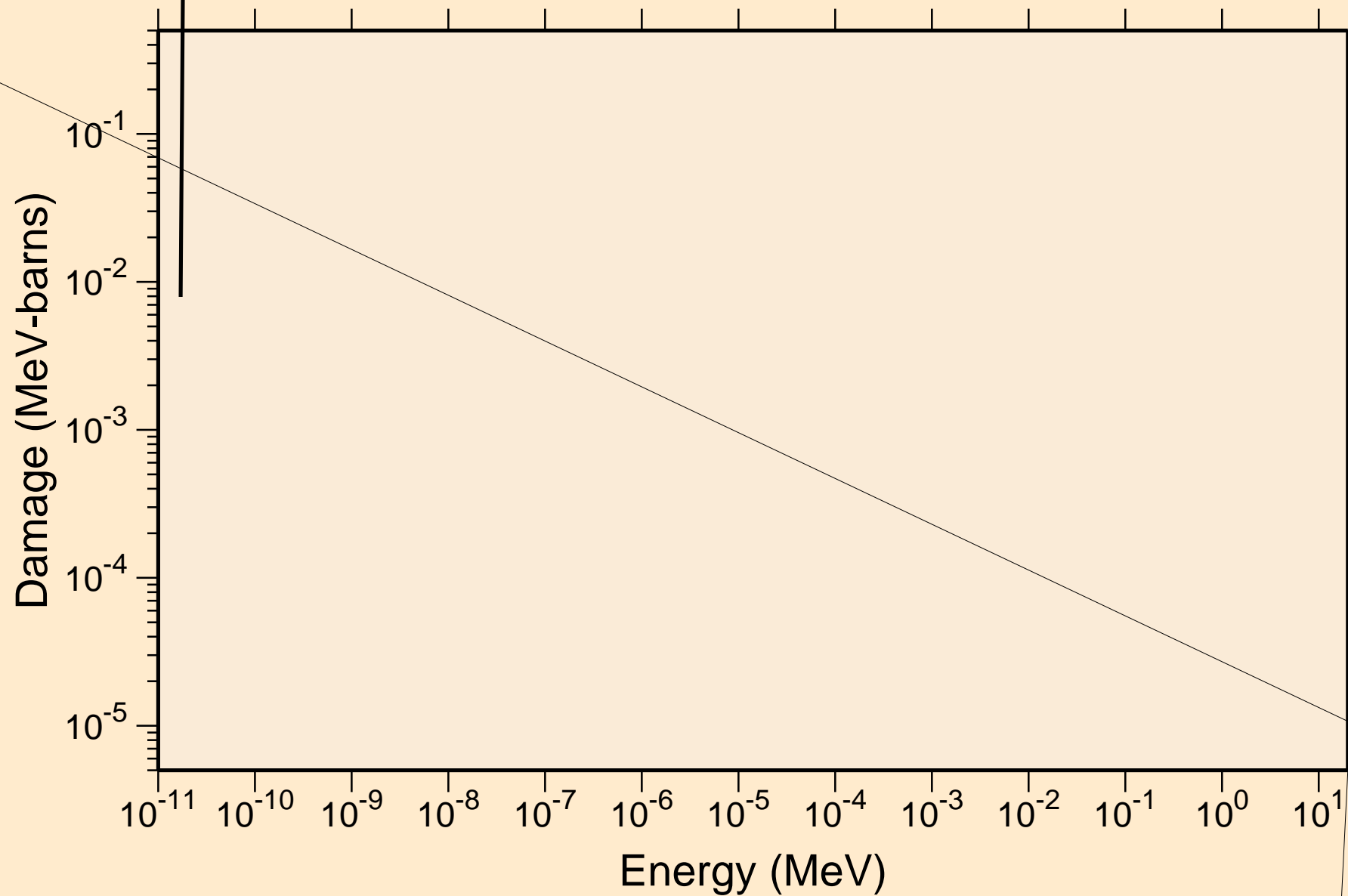
28-NI-61A ENDF-VI.1 NJOY2016

Heating



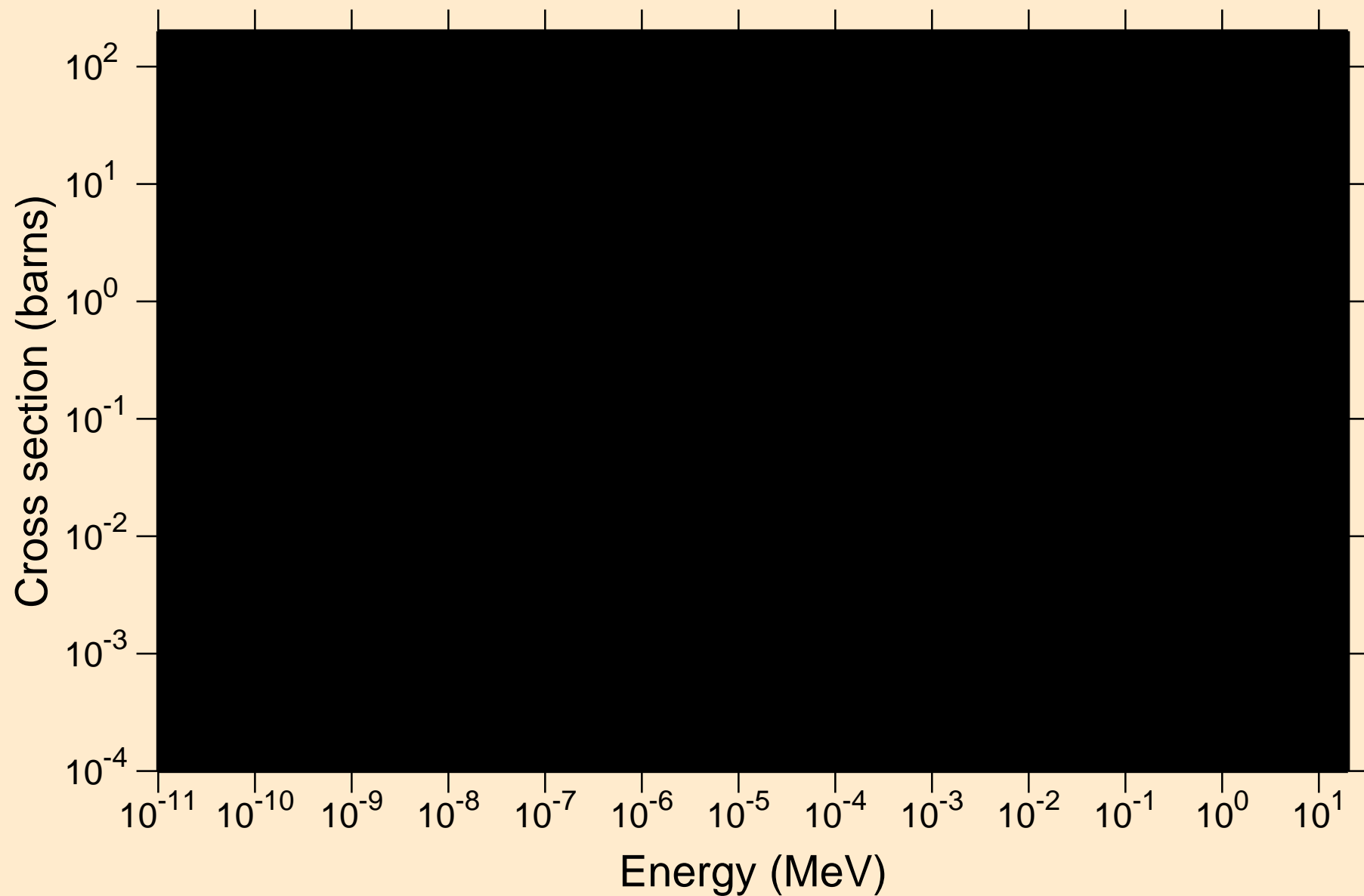
28-NI-61A ENDF-VI.1 NJOY2016

Damage



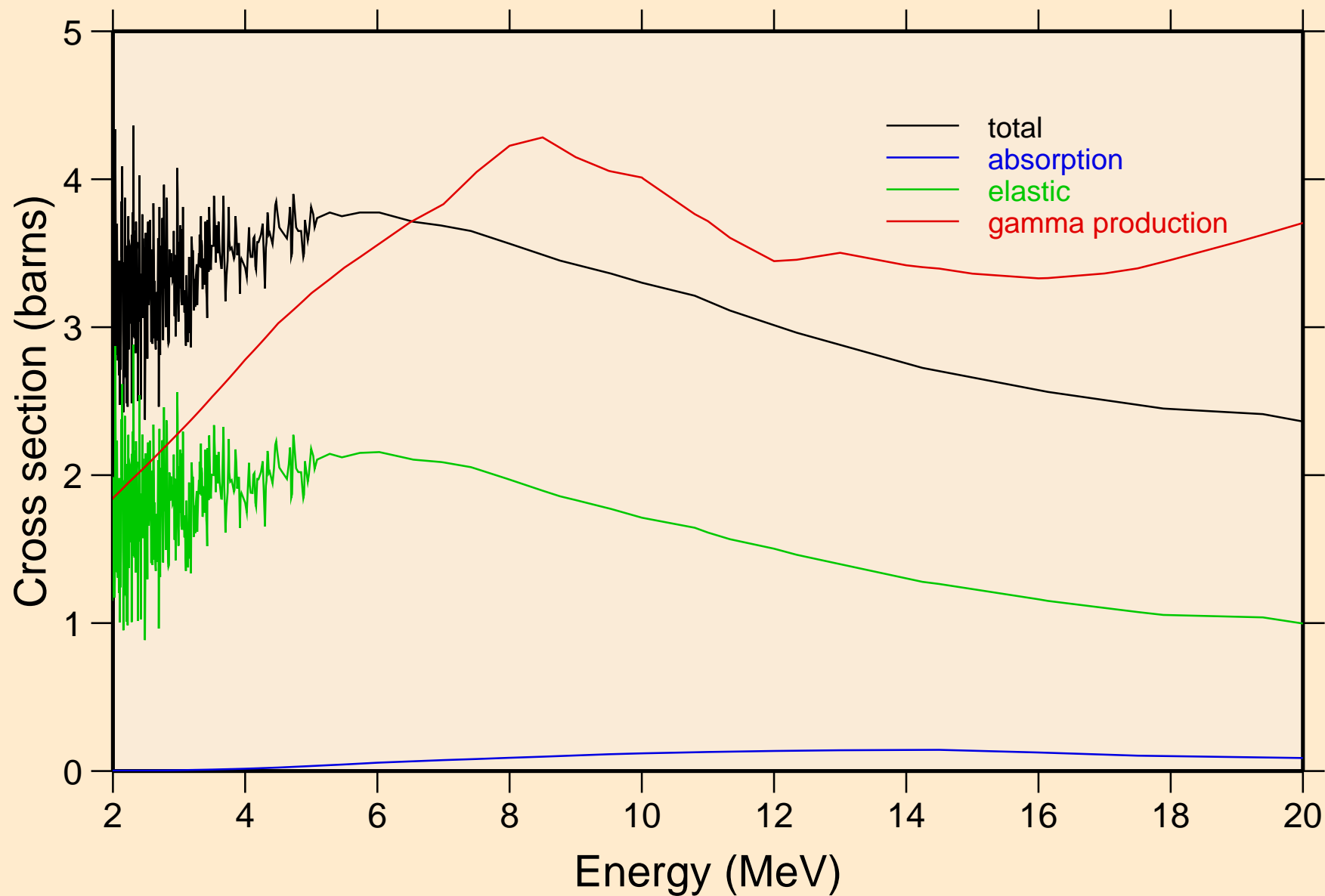
28-NI-61A ENDF-VI.1 NJOY2016

Non-threshold reactions



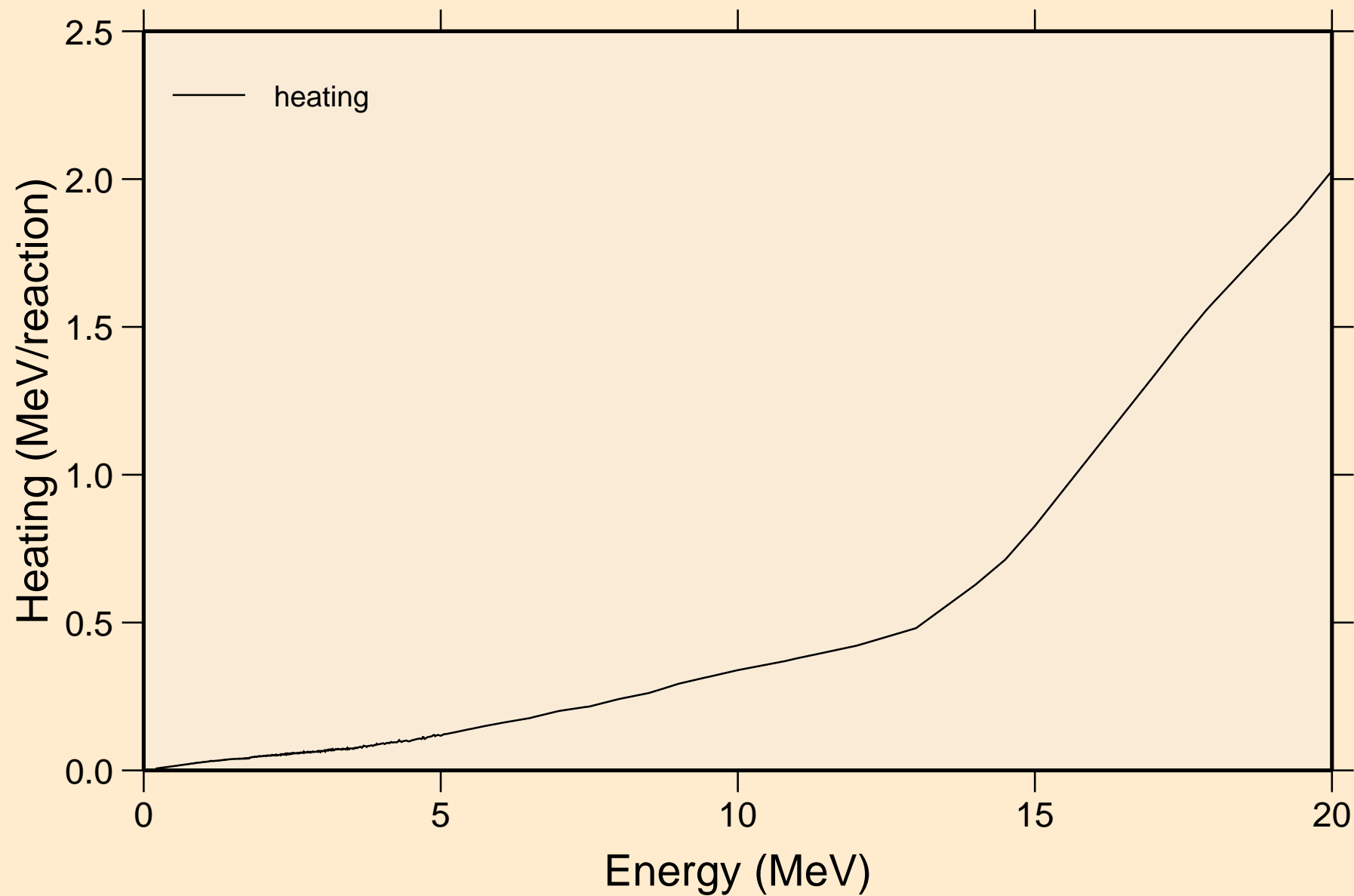
28-NI-61A ENDF-VI.1 NJOY2016

Principal cross sections



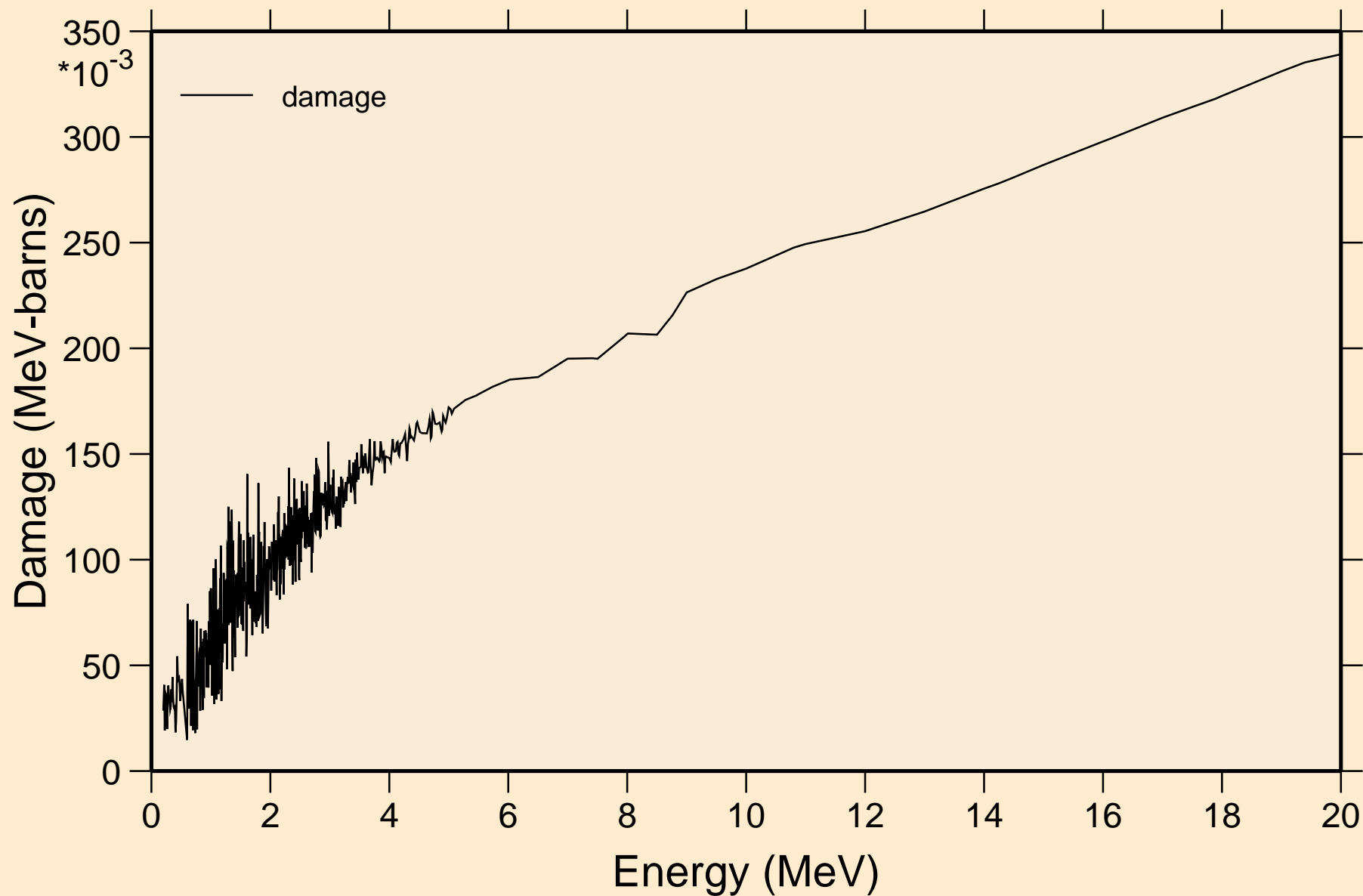
28-NI-61A ENDF-VI.1 NJOY2016

Heating



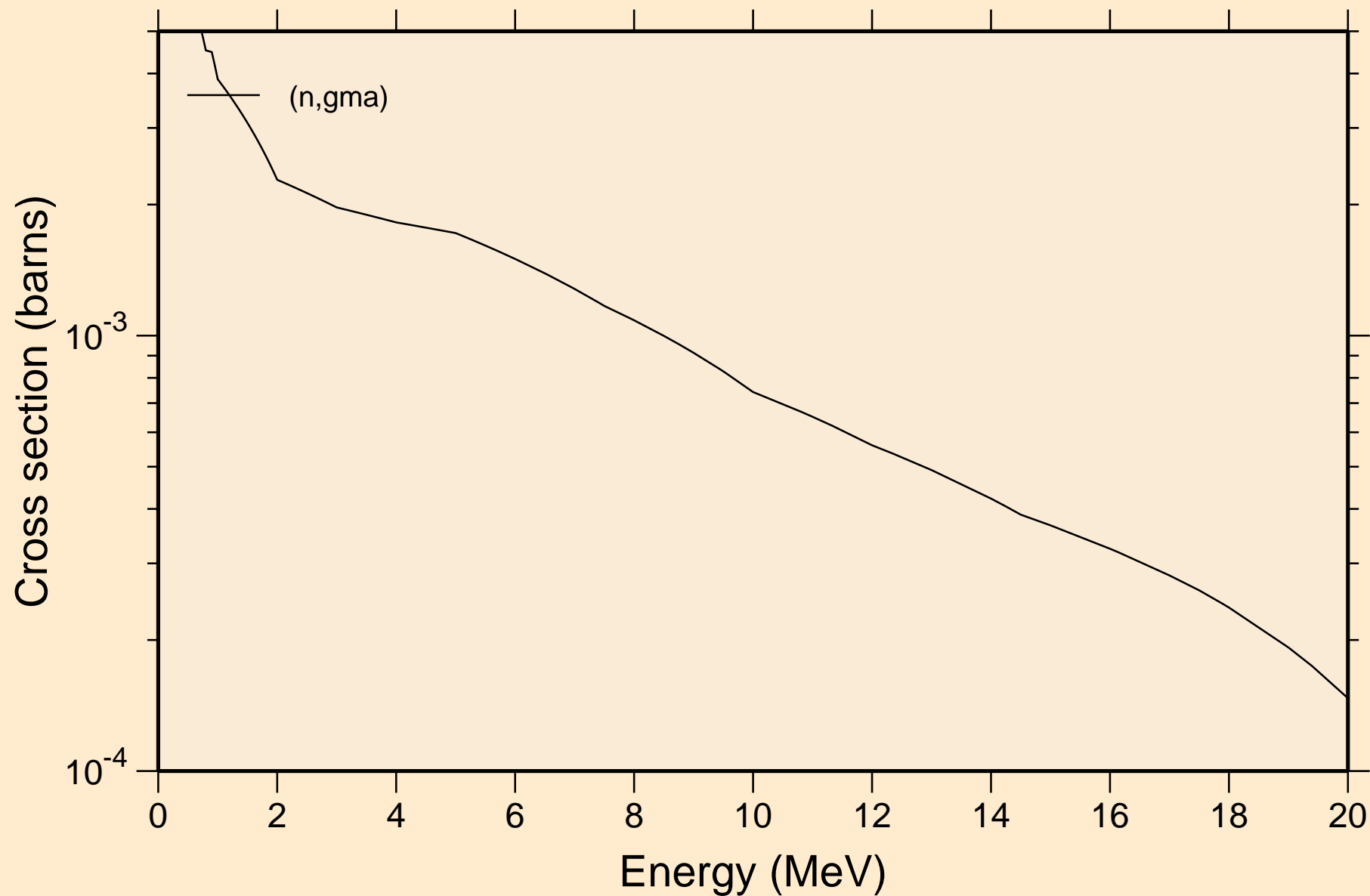
28-NI-61A ENDF-VI.1 NJOY2016

Damage



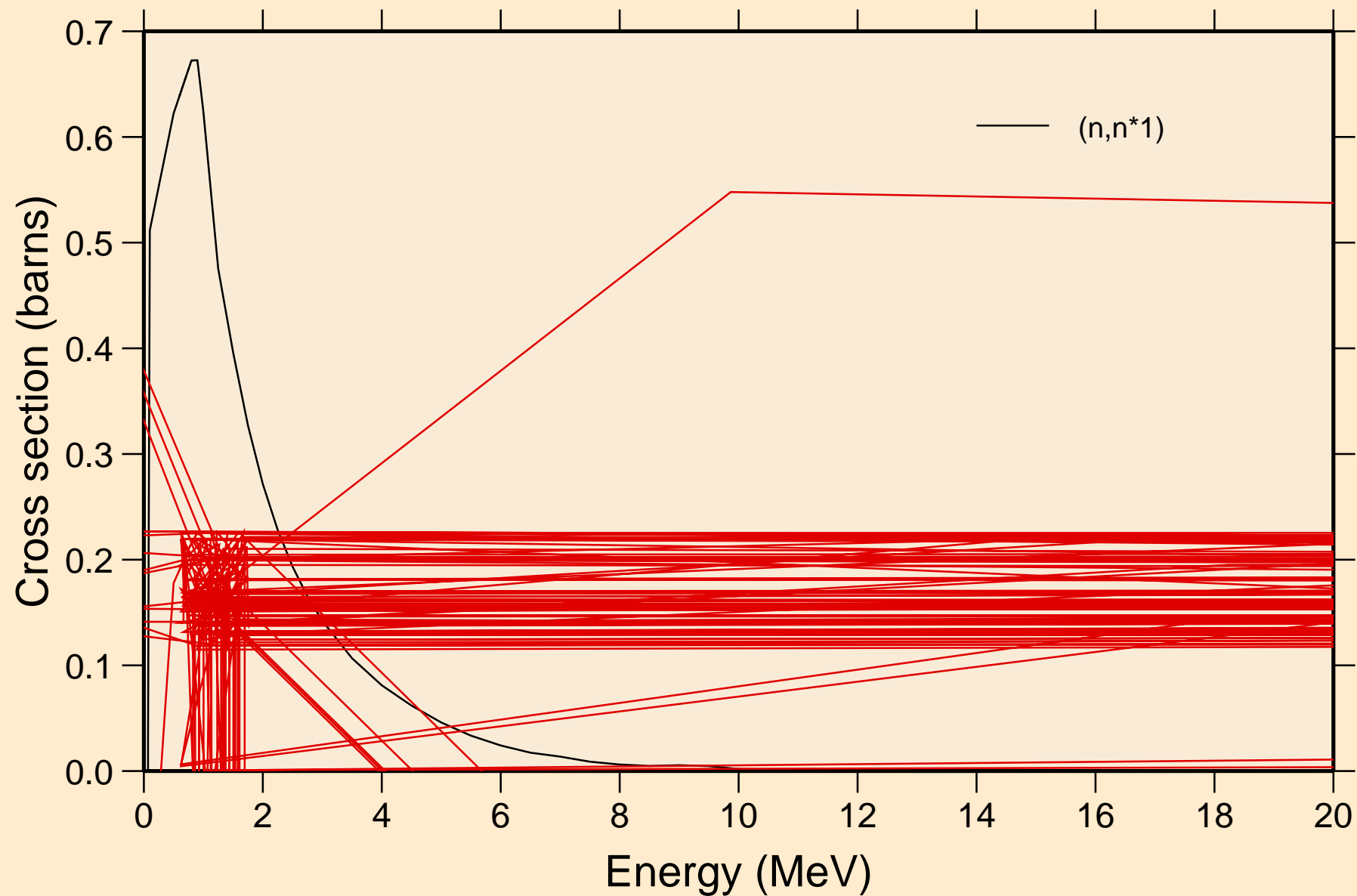
28-NI-61A ENDF-VI.1 NJOY2016

Non-threshold reactions



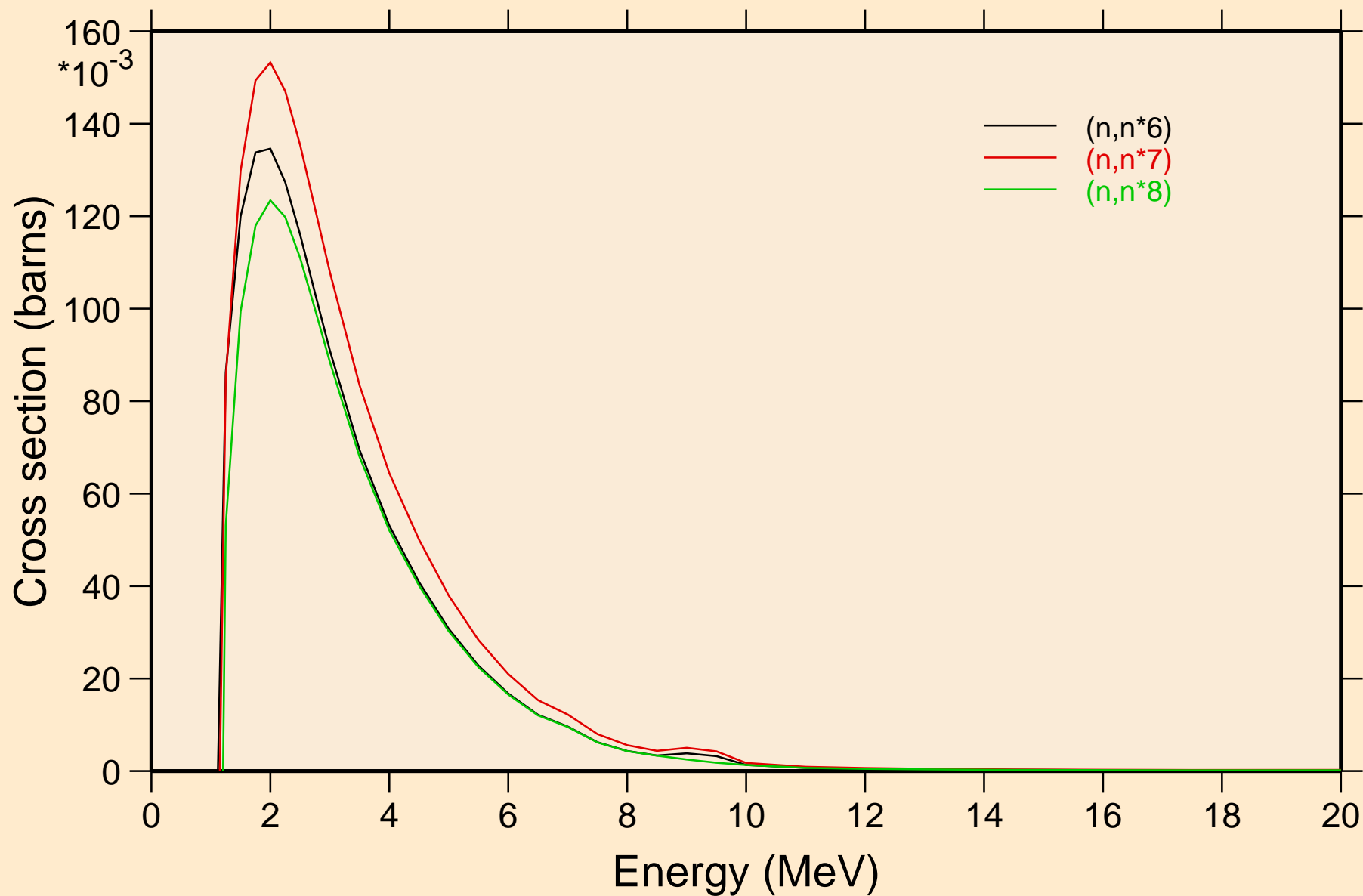
28-NI-61A ENDF-VI.1 NJOY2016

Inelastic levels



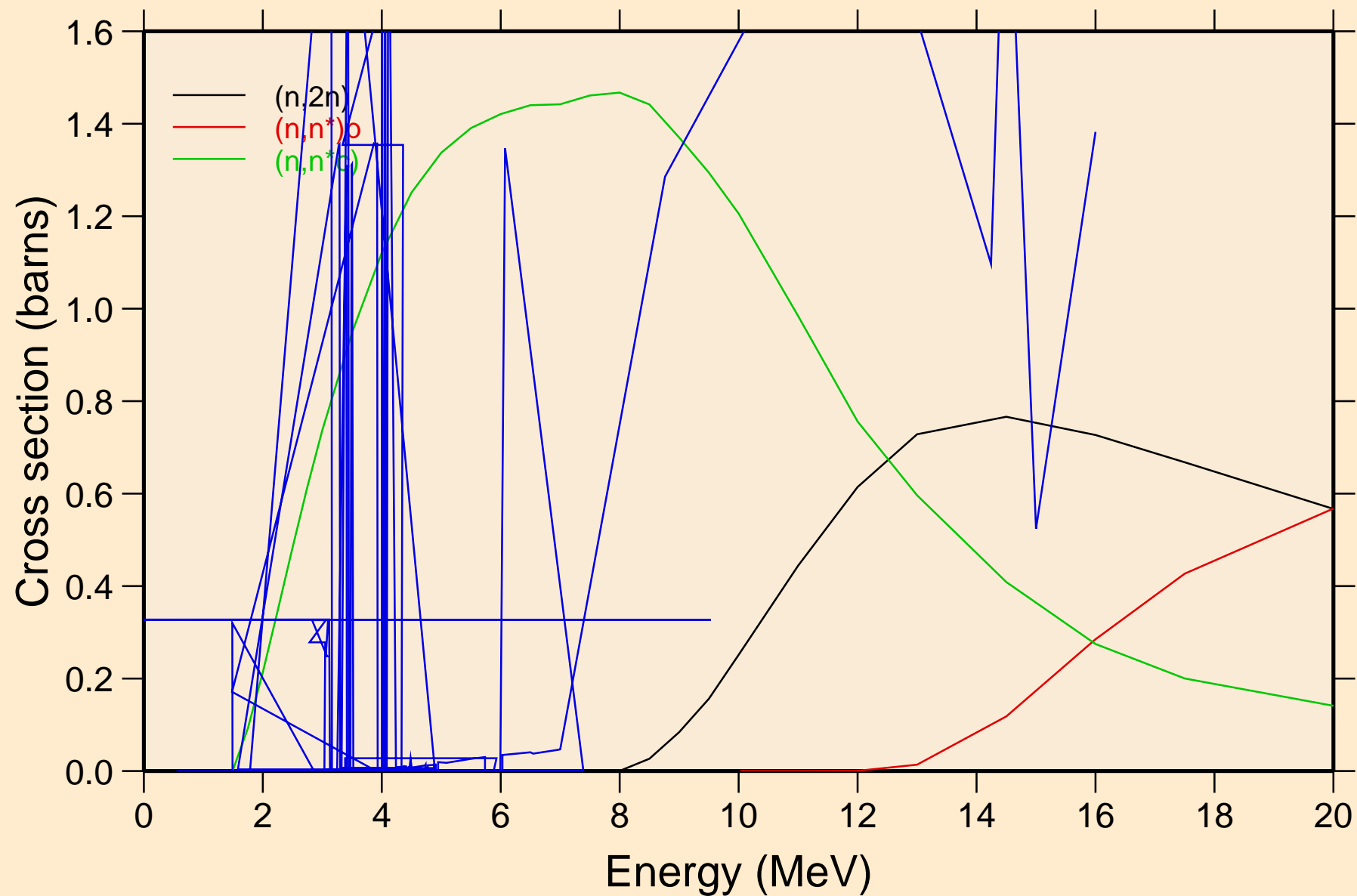
28-NI-61A ENDF-VI.1 NJOY2016

Inelastic levels



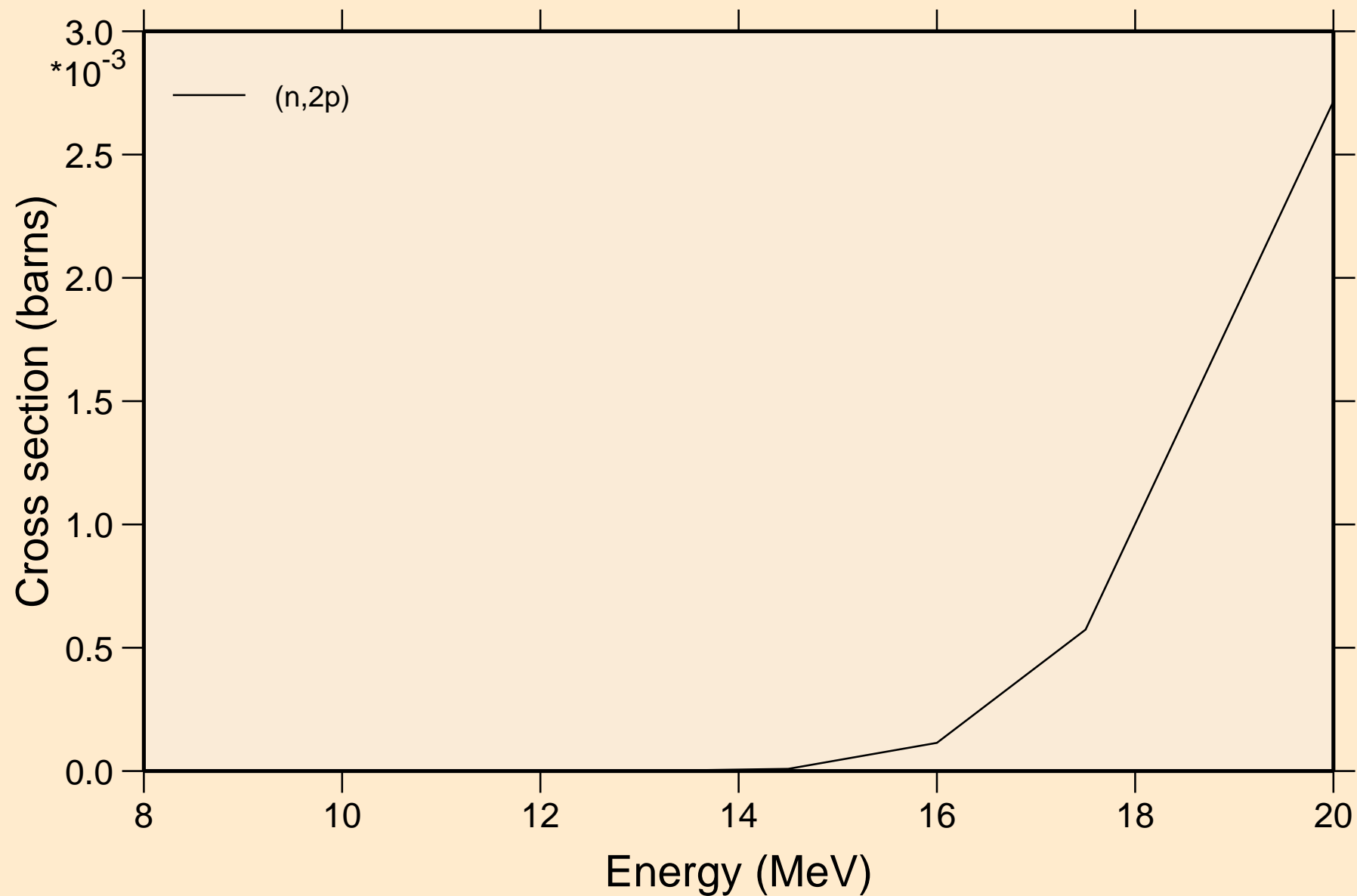
28-NI-61A ENDF-VI.1 NJOY2016

Threshold reactions



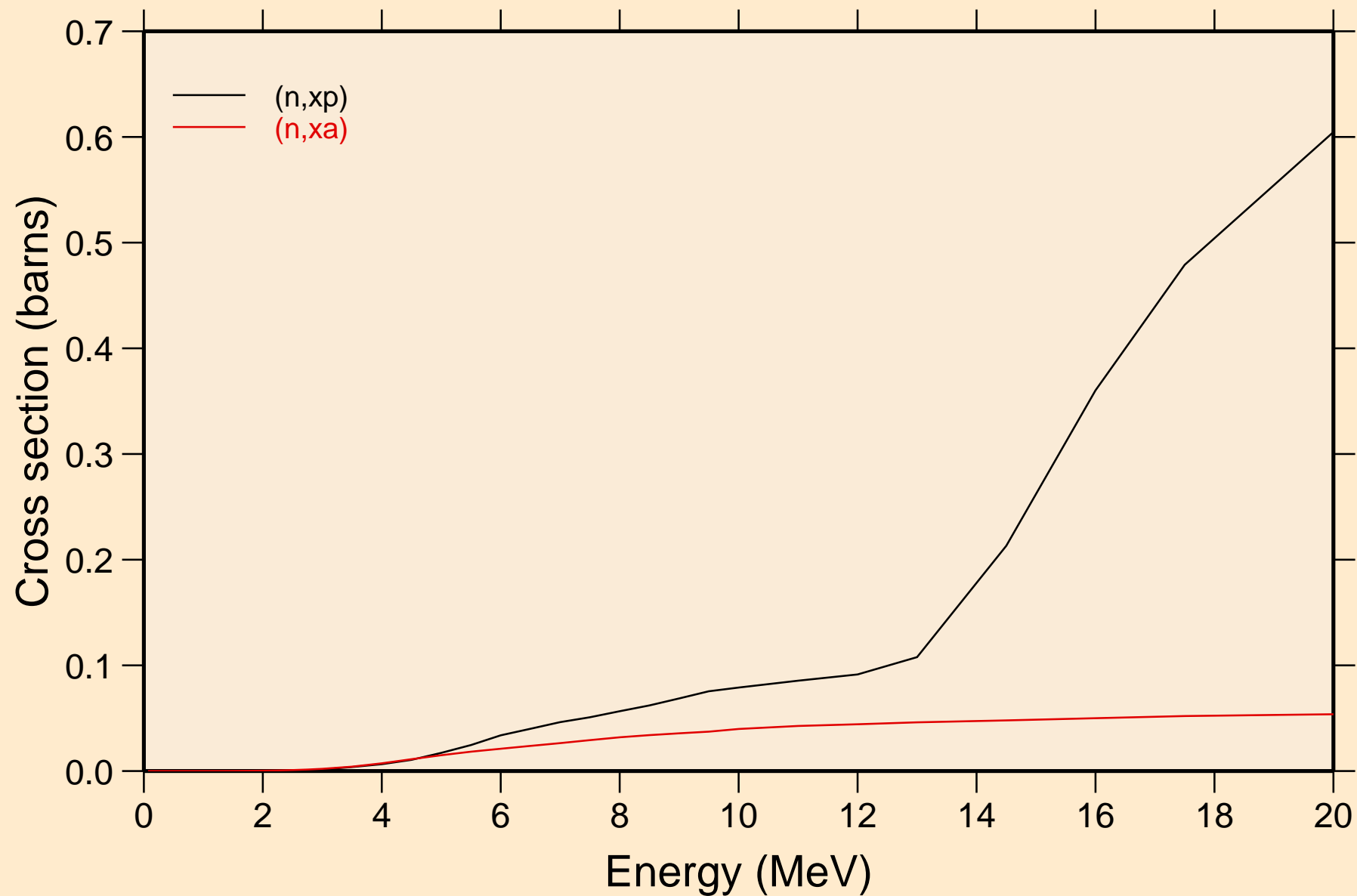
28-NI-61A ENDF-VI.1 NJOY2016

Threshold reactions



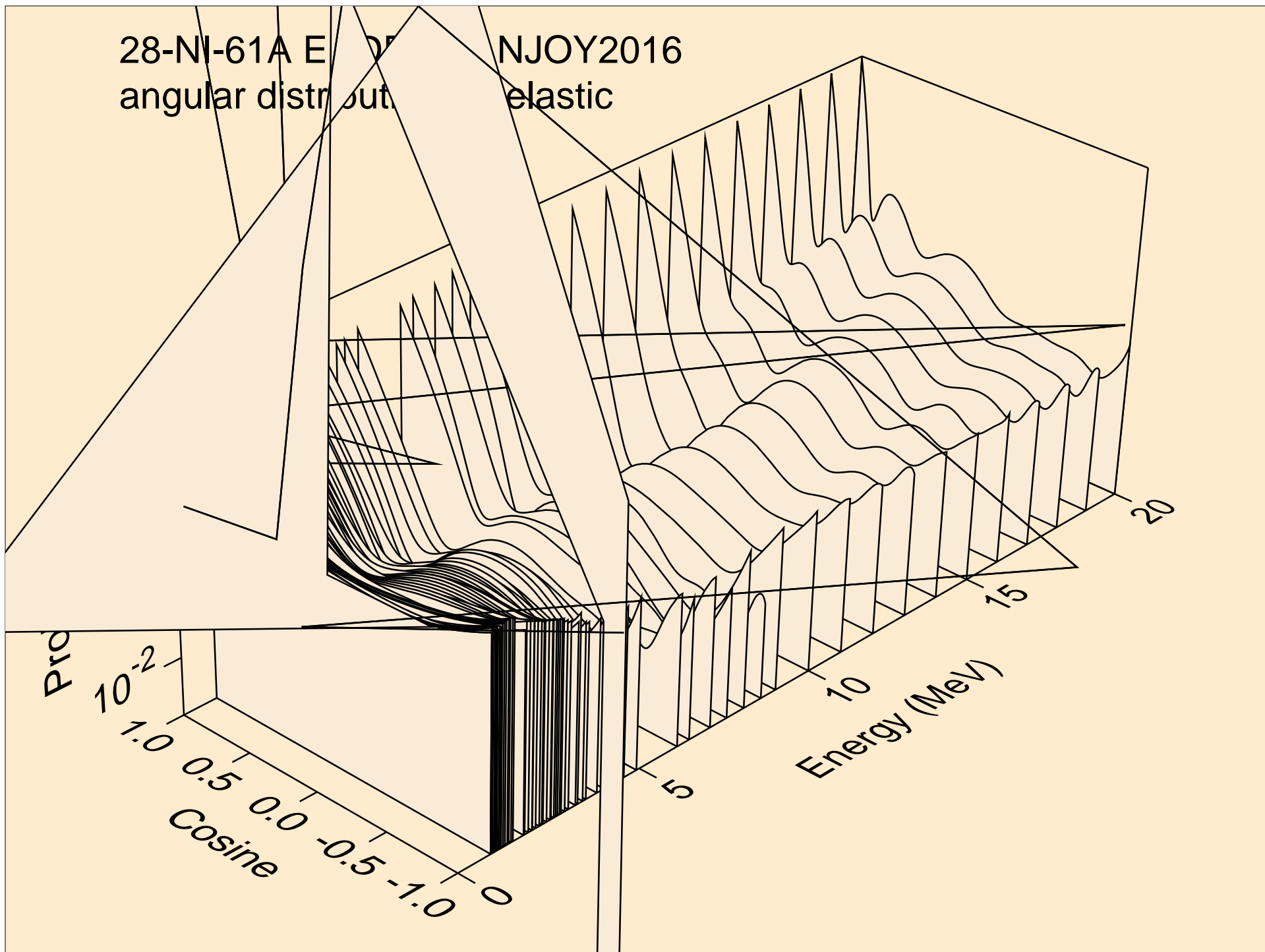
28-NI-61A ENDF-VI.1 NJOY2016

Threshold reactions

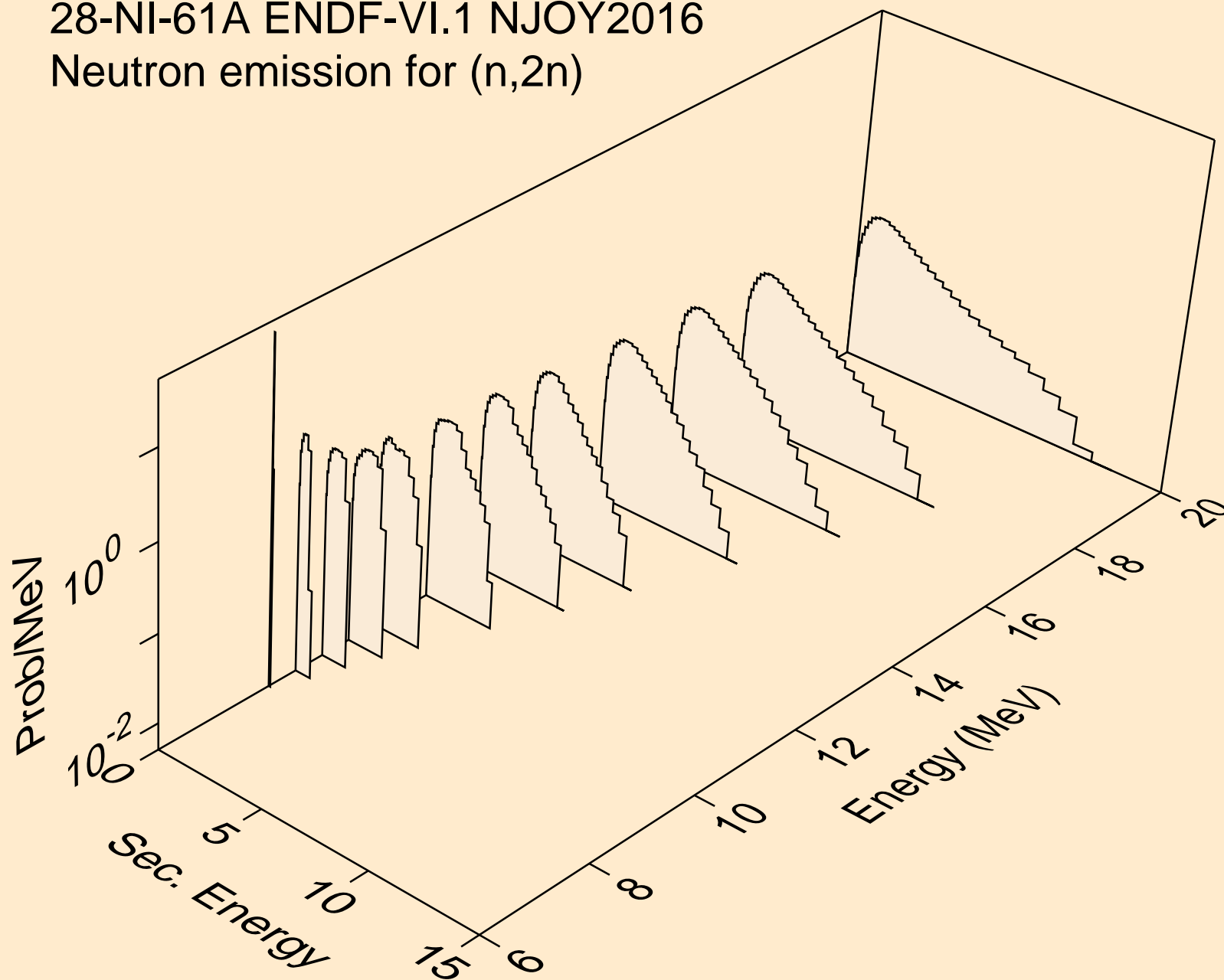


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elastic

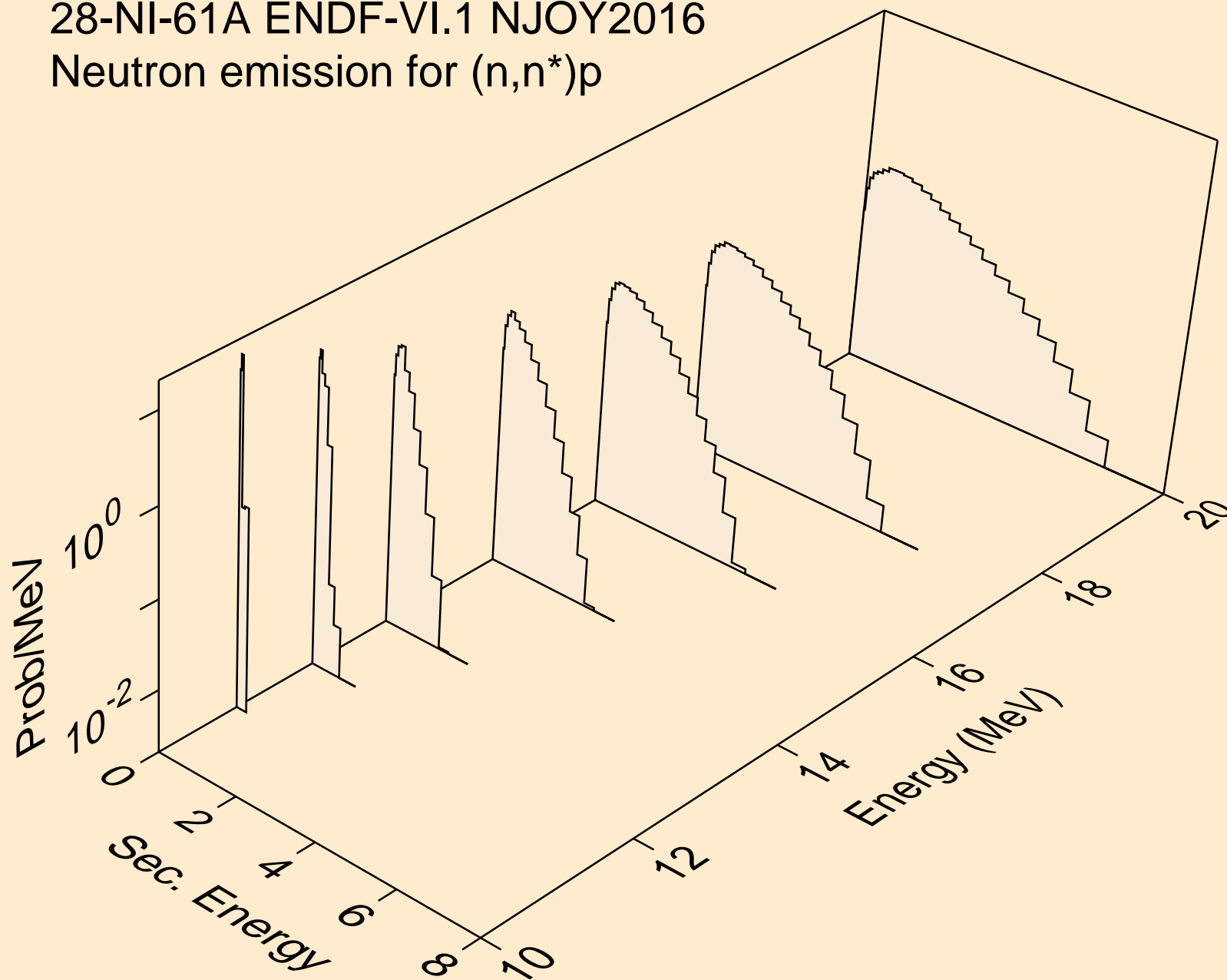


28-NI-61A ENDF-VI.1 NJOY2016
Neutron emission for (n,2n)

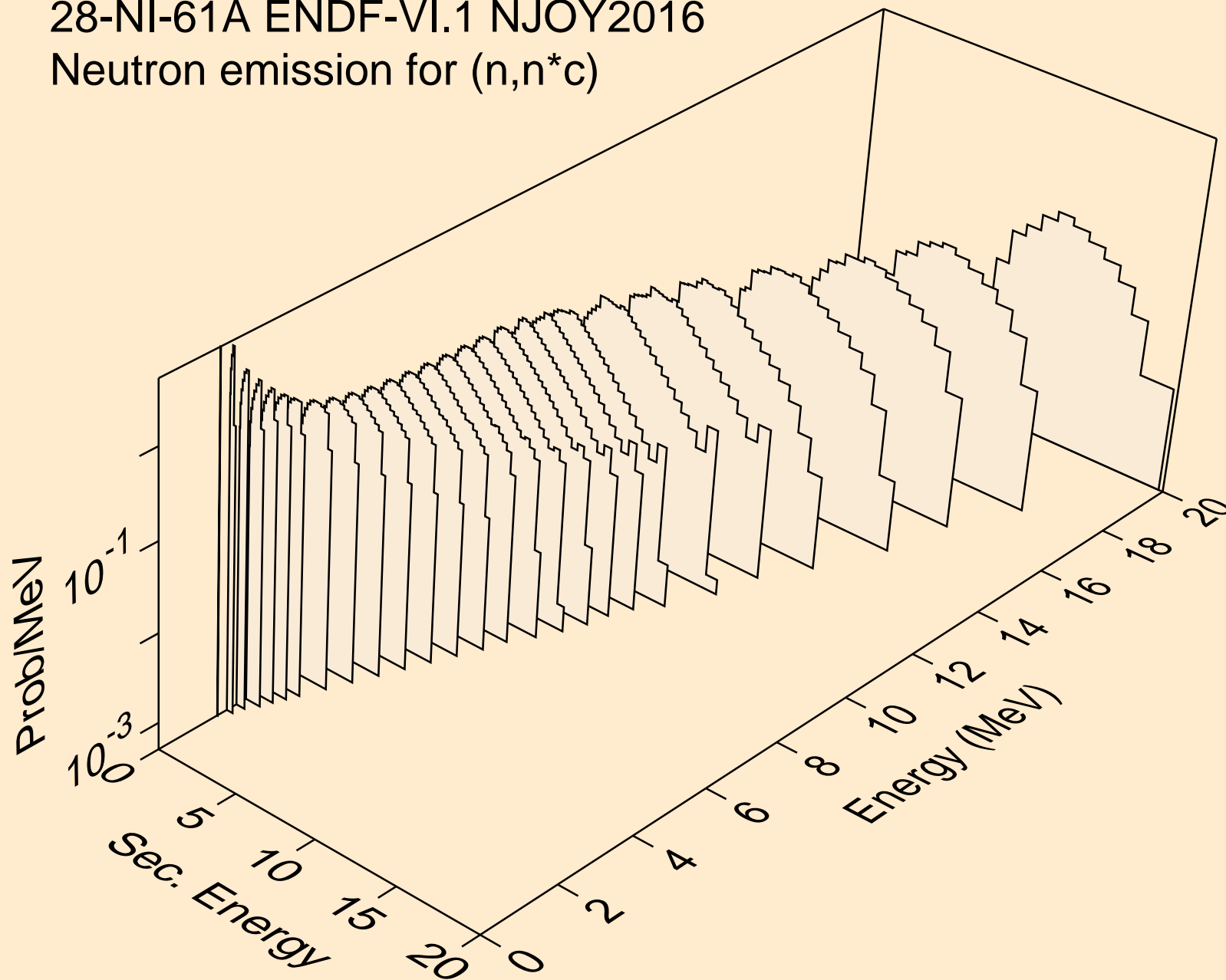


28-NI-61A ENDF-VI.1 NJOY2016

Neutron emission for (n,n*)p

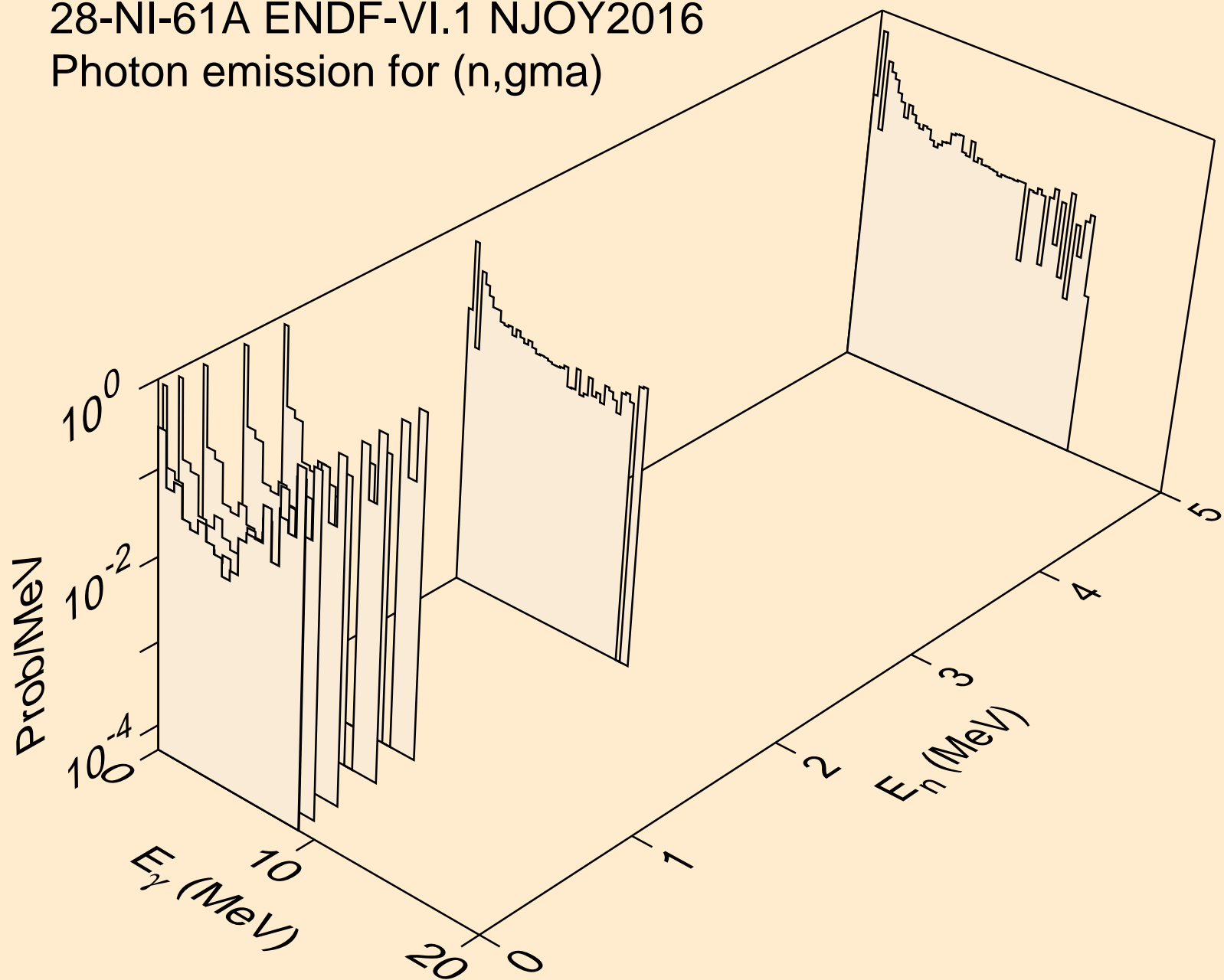


28-NI-61A ENDF-VI.1 NJOY2016
Neutron emission for (n,n*c)



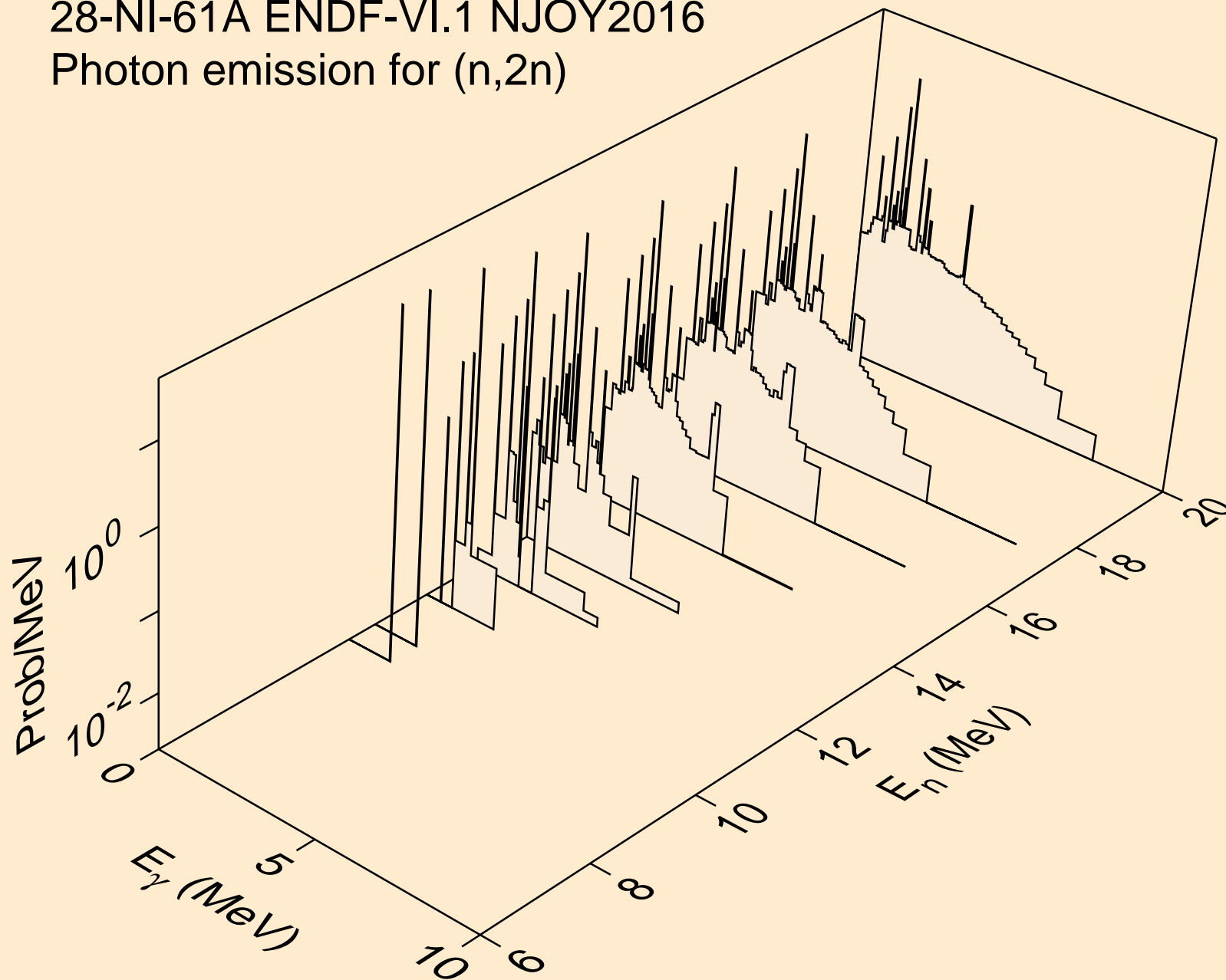
28-NI-61A ENDF-VI.1 NJOY2016

Photon emission for (n,gma)



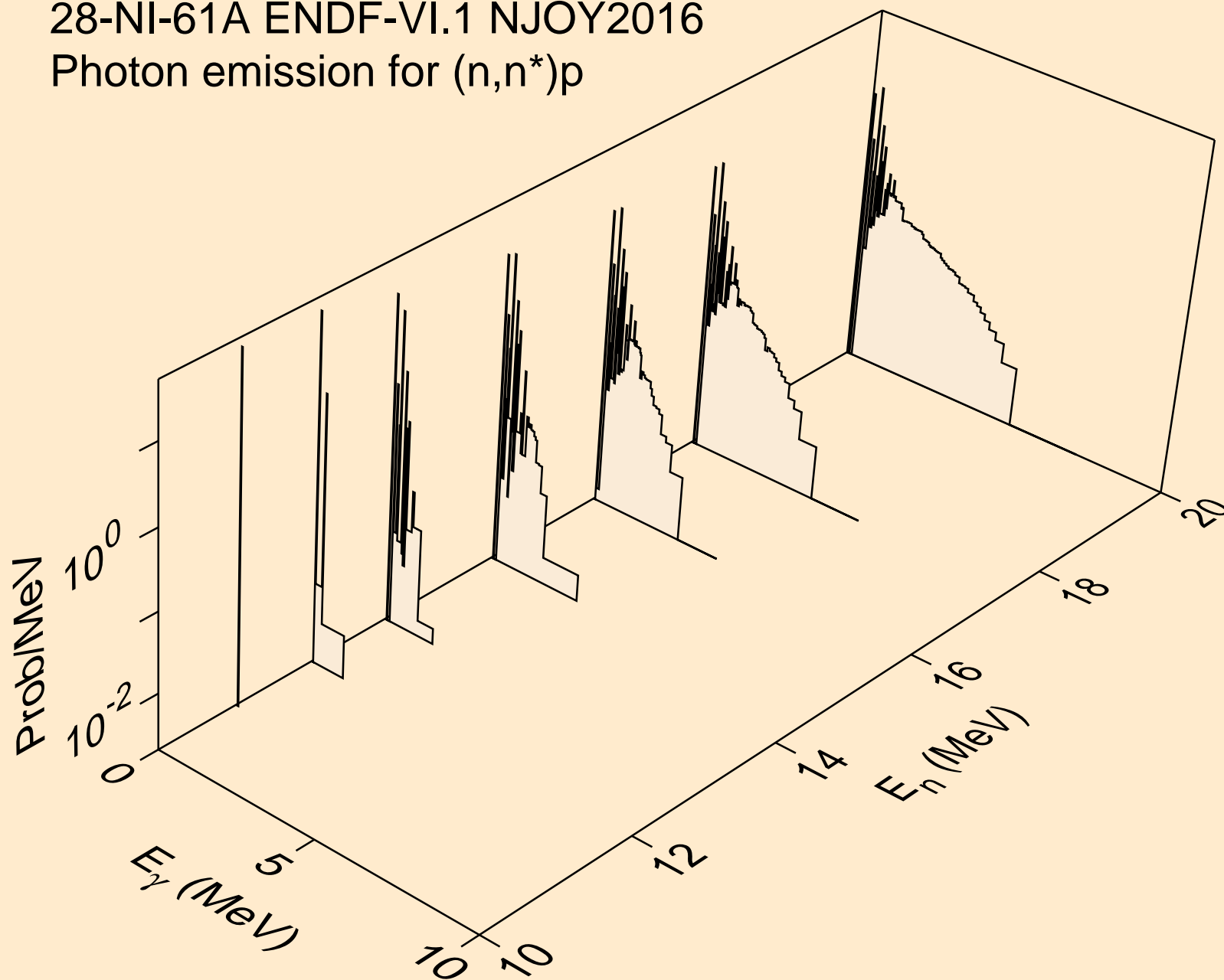
28-NI-61A ENDF-VI.1 NJOY2016

Photon emission for (n,2n)



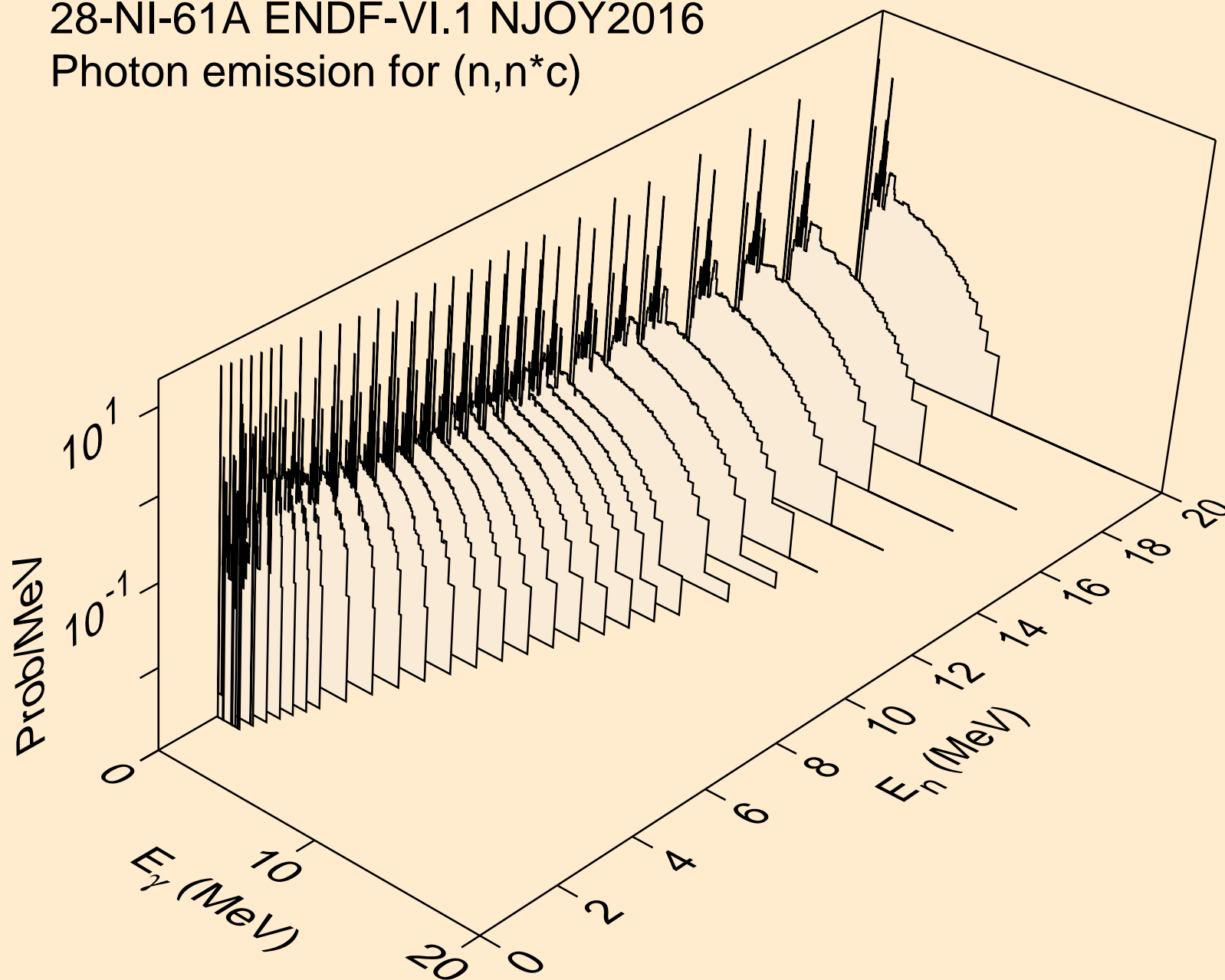
28-NI-61A ENDF-VI.1 NJOY2016

Photon emission for (n,n*)p



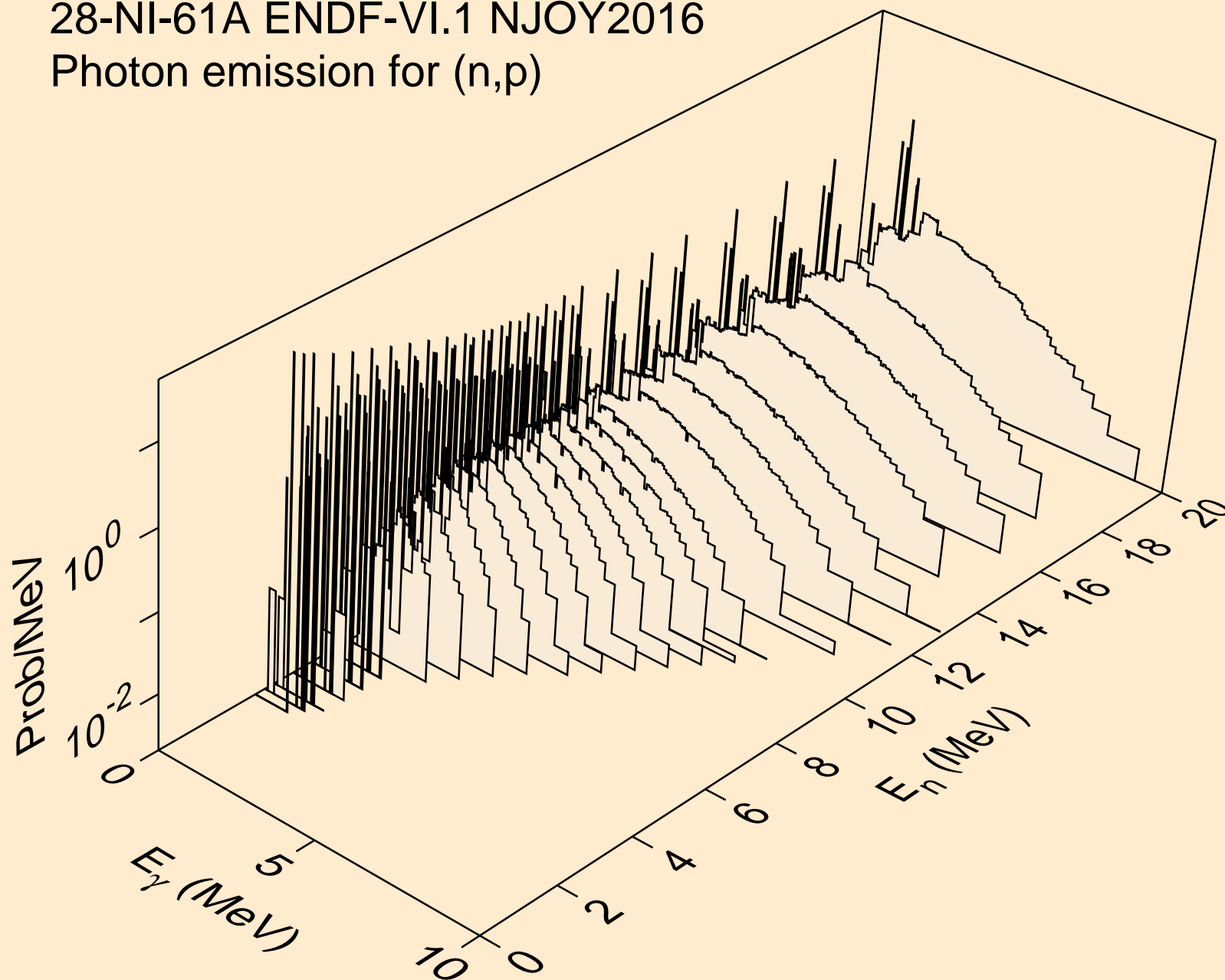
28-NI-61A ENDF-VI.1 NJOY2016

Photon emission for (n,n*c)



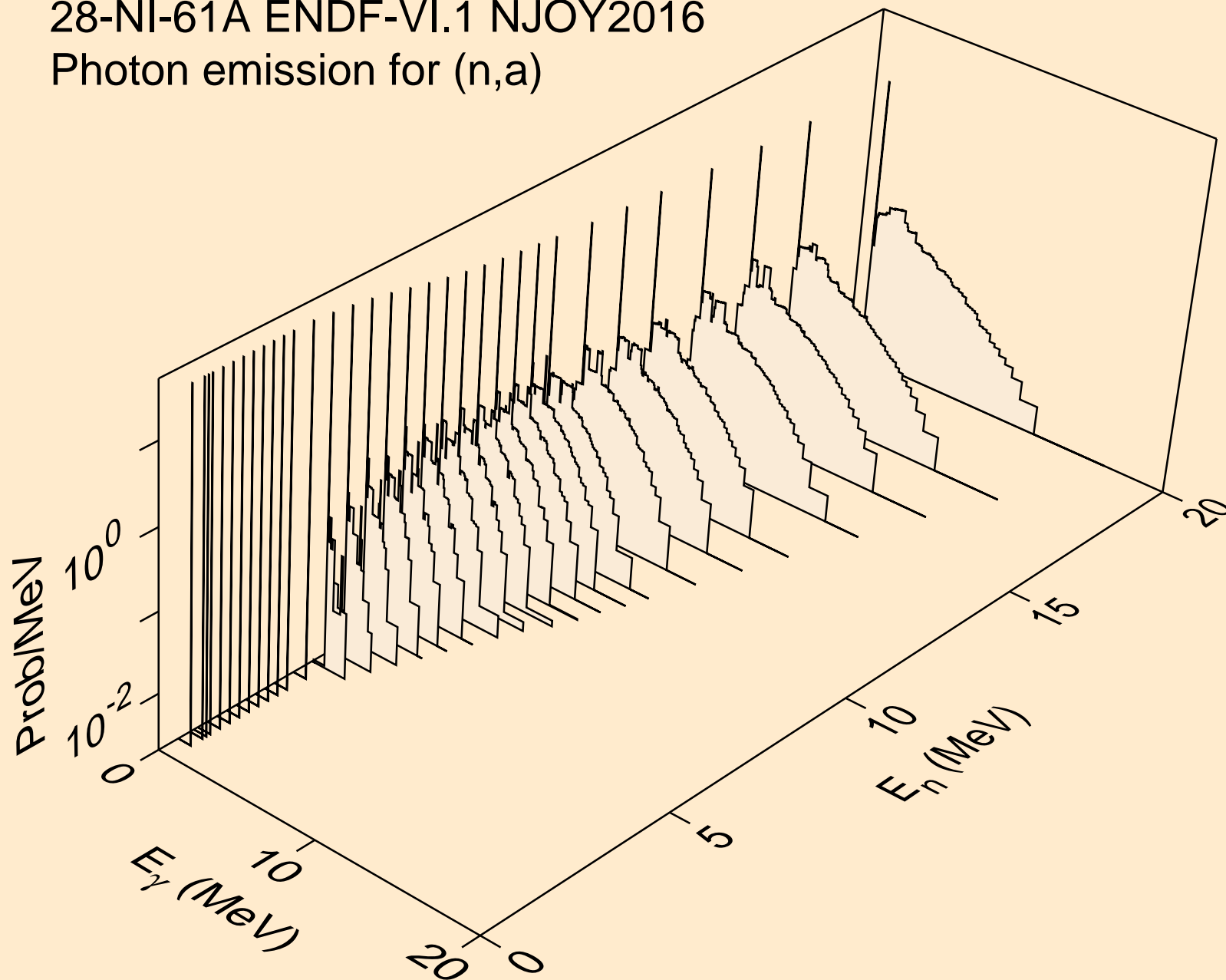
28-NI-61A ENDF-VI.1 NJOY2016

Photon emission for (n,p)

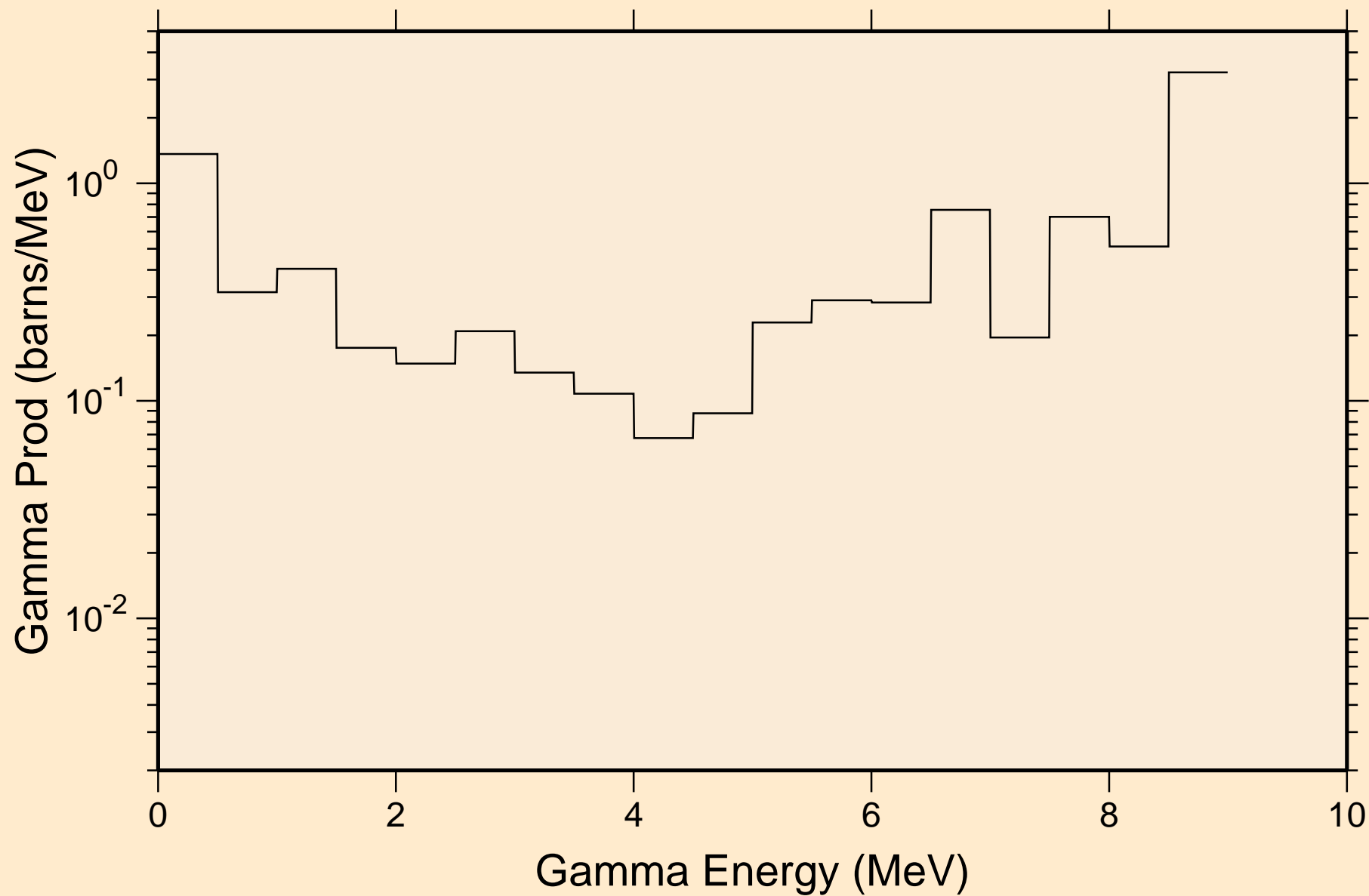


28-NI-61A ENDF-VI.1 NJOY2016

Photon emission for (n,a)

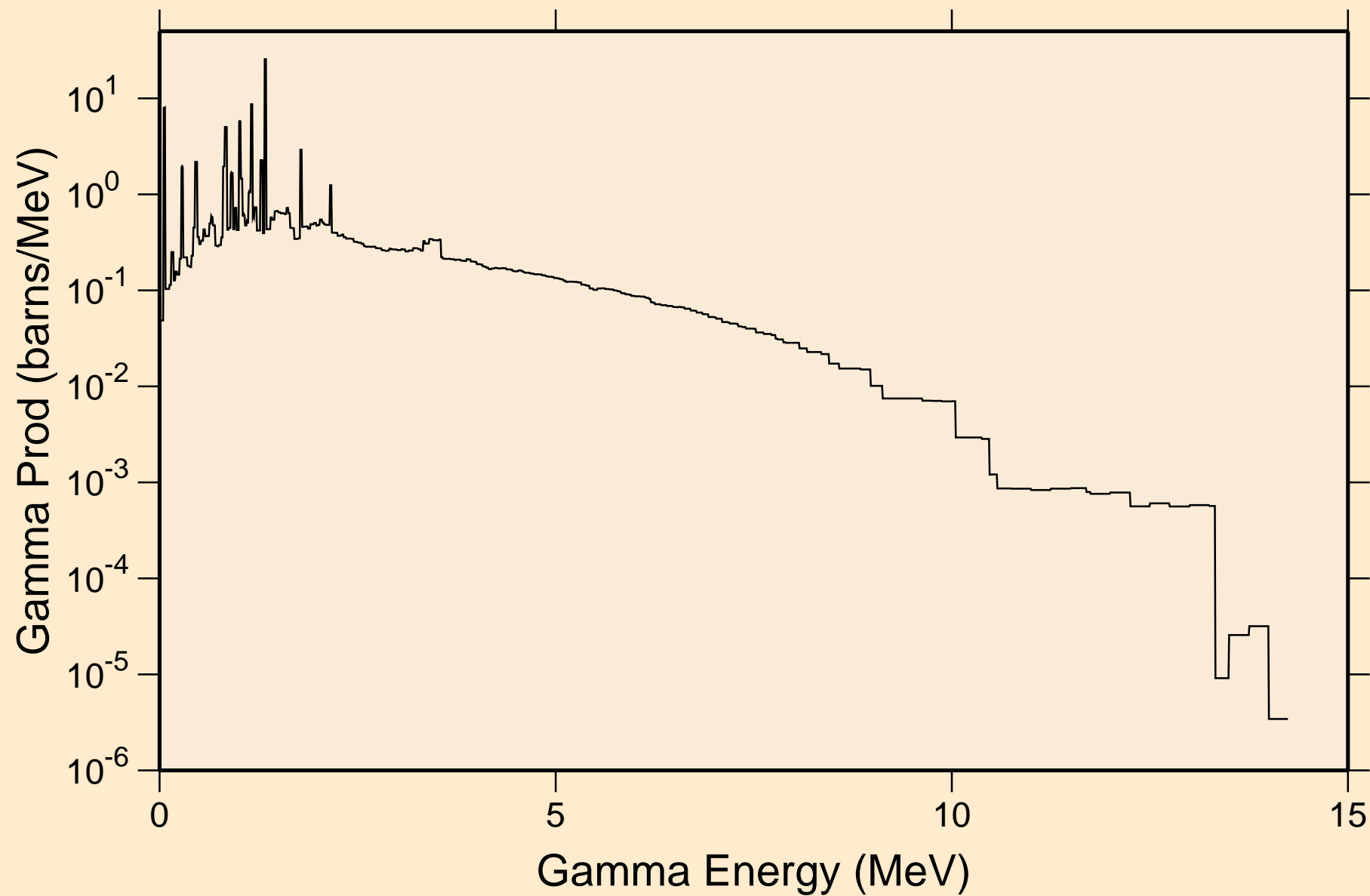


28-NI-61A ENDF-VI.1 NJOY2016
thermal capture photon spectrum



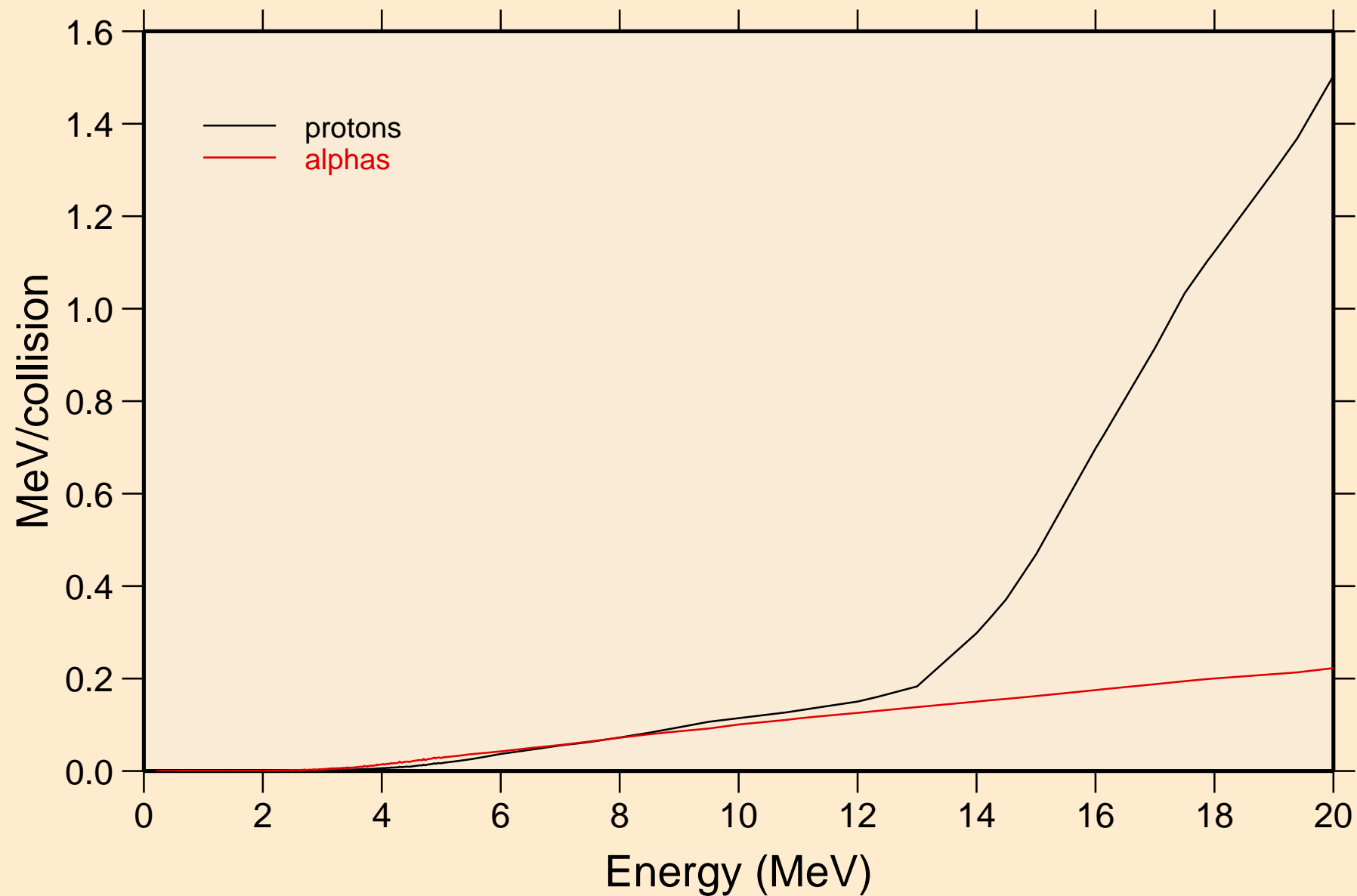
28-NI-61A ENDF-VI.1 NJOY2016

14 MeV photon spectrum



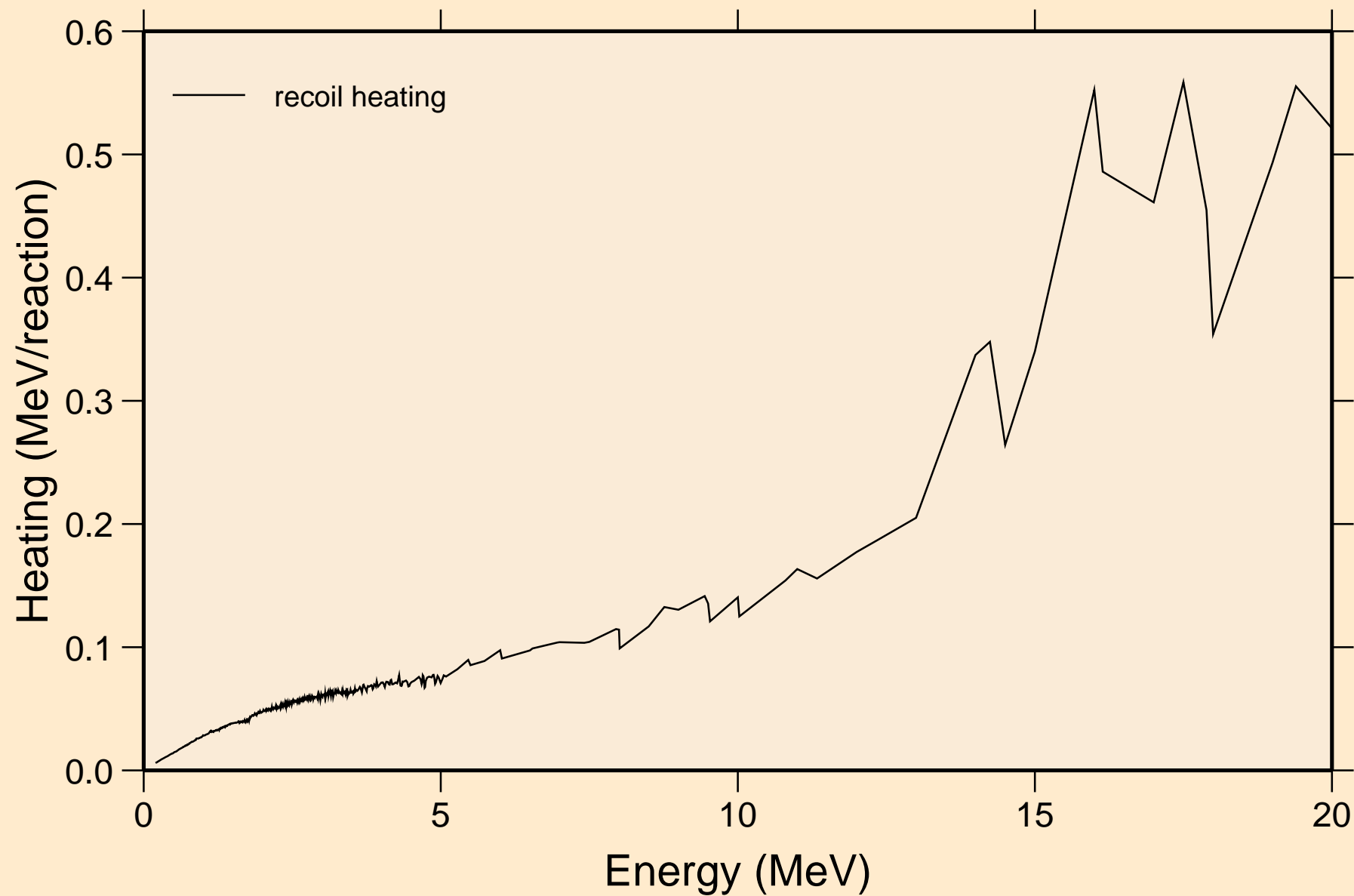
28-NI-61A ENDF-VI.1 NJOY2016

Particle heating contributions



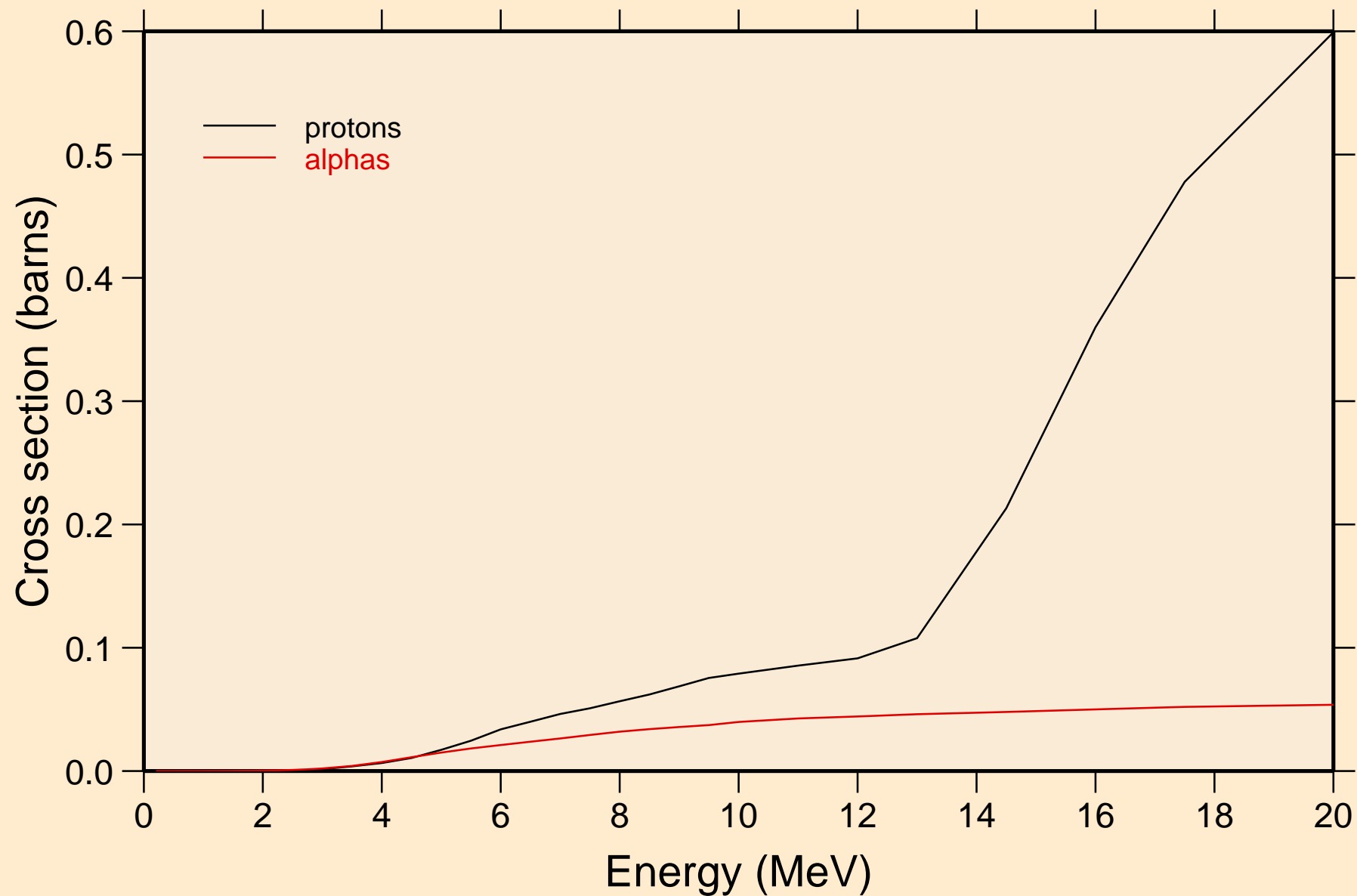
28-NI-61A ENDF-VI.1 NJOY2016

Recoil Heating

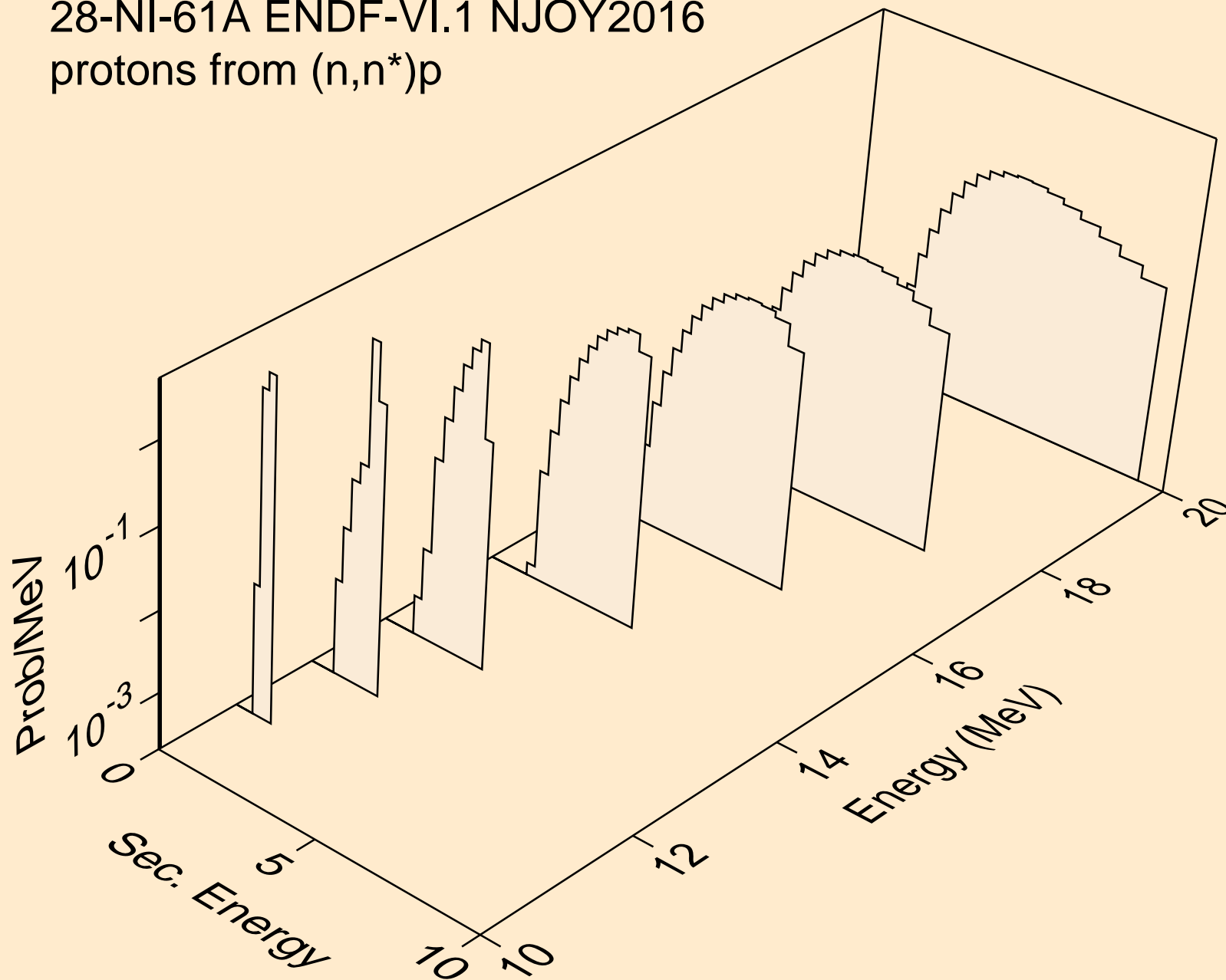


28-NI-61A ENDF-VI.1 NJOY2016

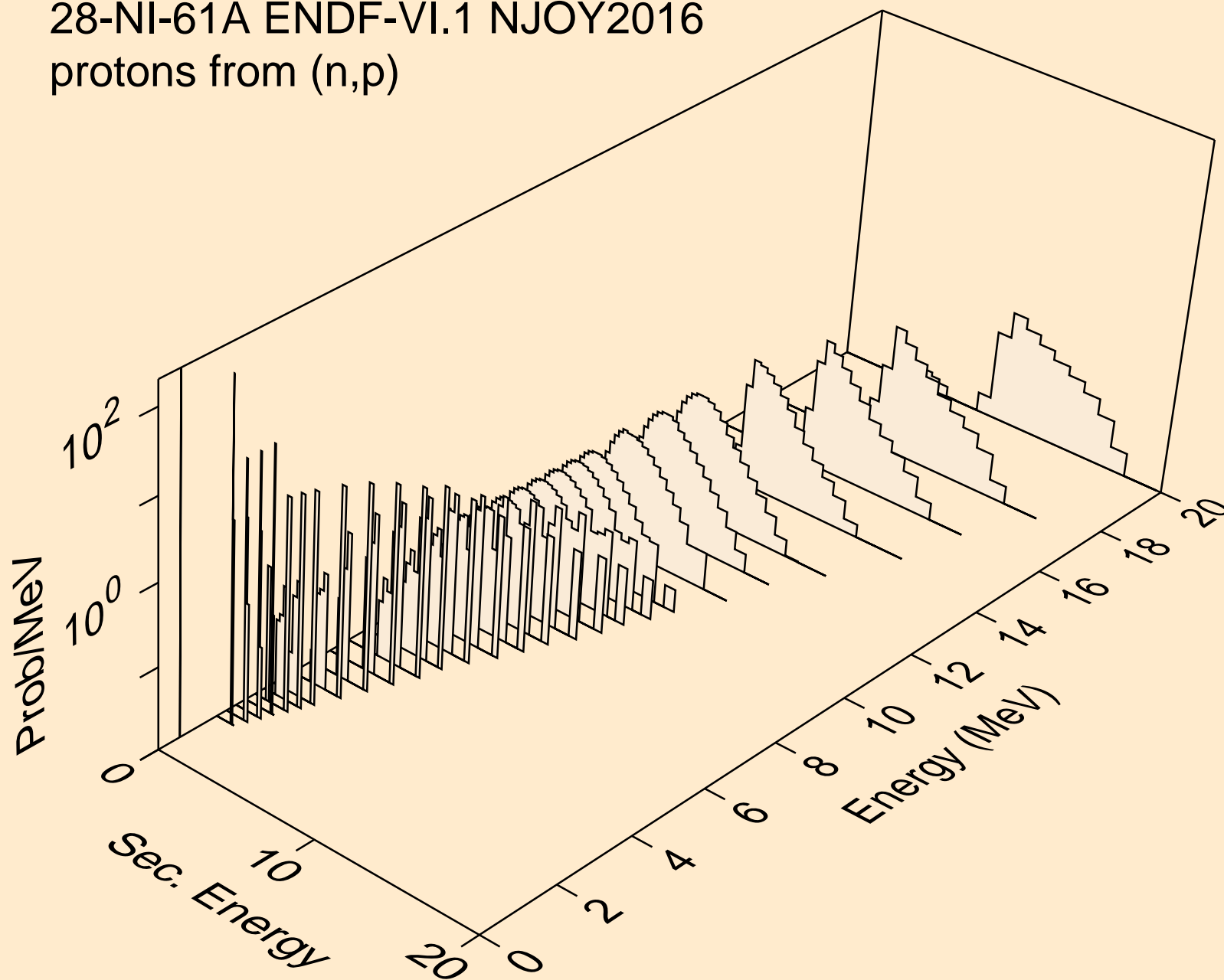
Particle production cross sections



28-NI-61A ENDF-VI.1 NJOY2016
protons from (n,n*)p



28-NI-61A ENDF-VI.1 NJOY2016
protons from (n,p)



28-NI-61A ENDF-VI.1 NJOY2016
alphas from (n,a)

