

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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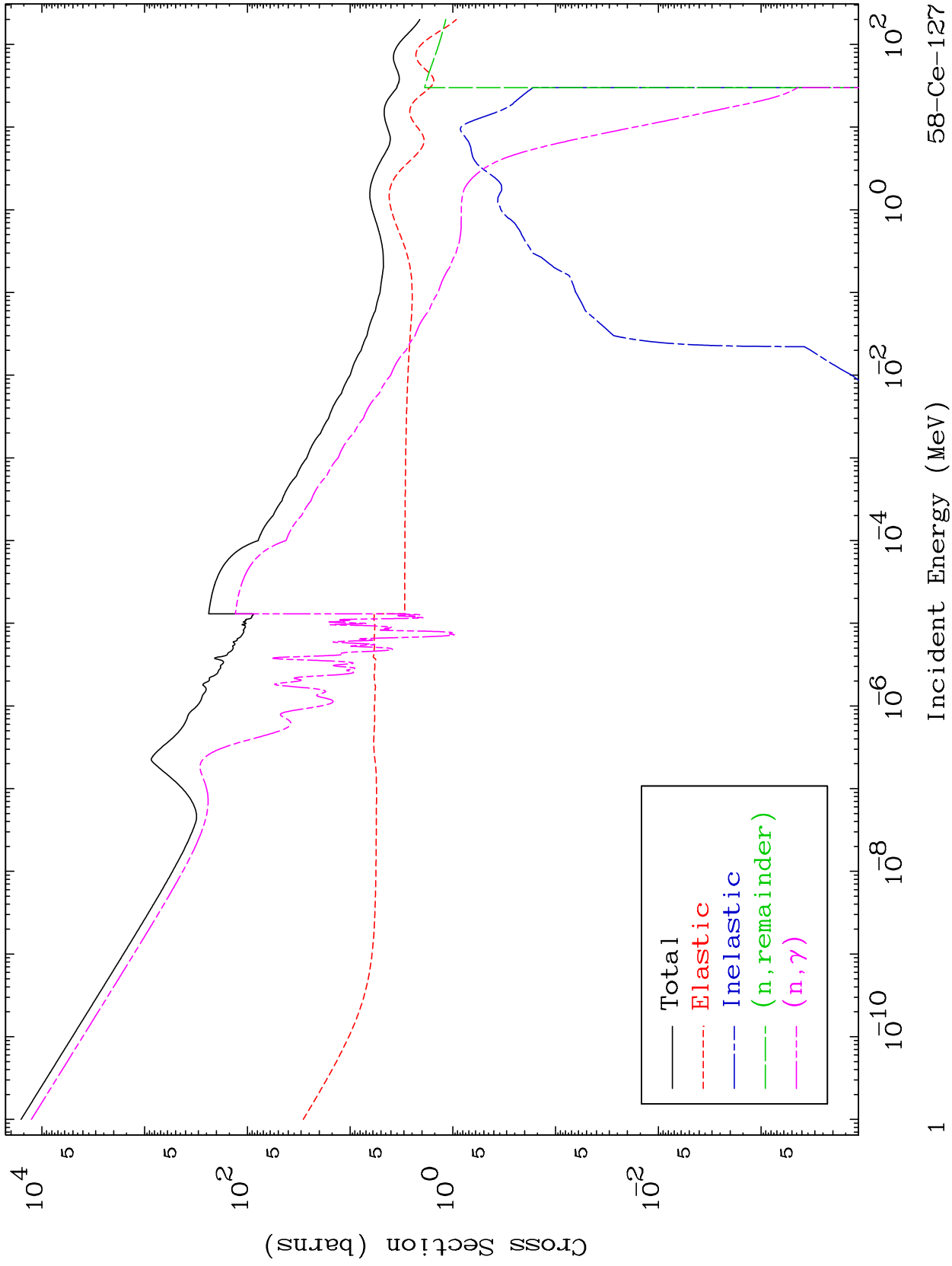
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5799

Major  
293 Kelvin Cross Sections

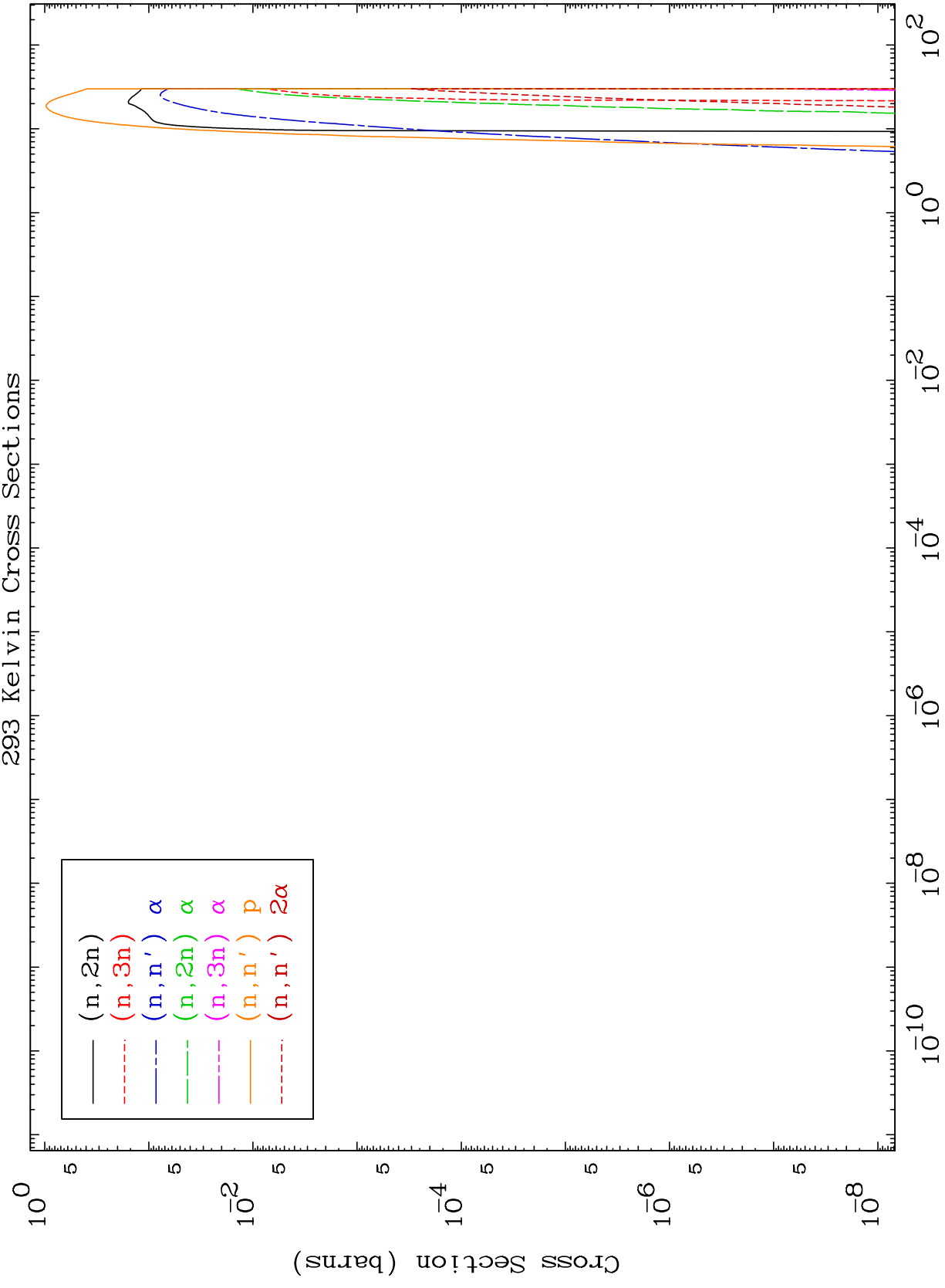
58-Ce-127



MAT 5799

Neutron Production  
293 Kelvin Cross Sections

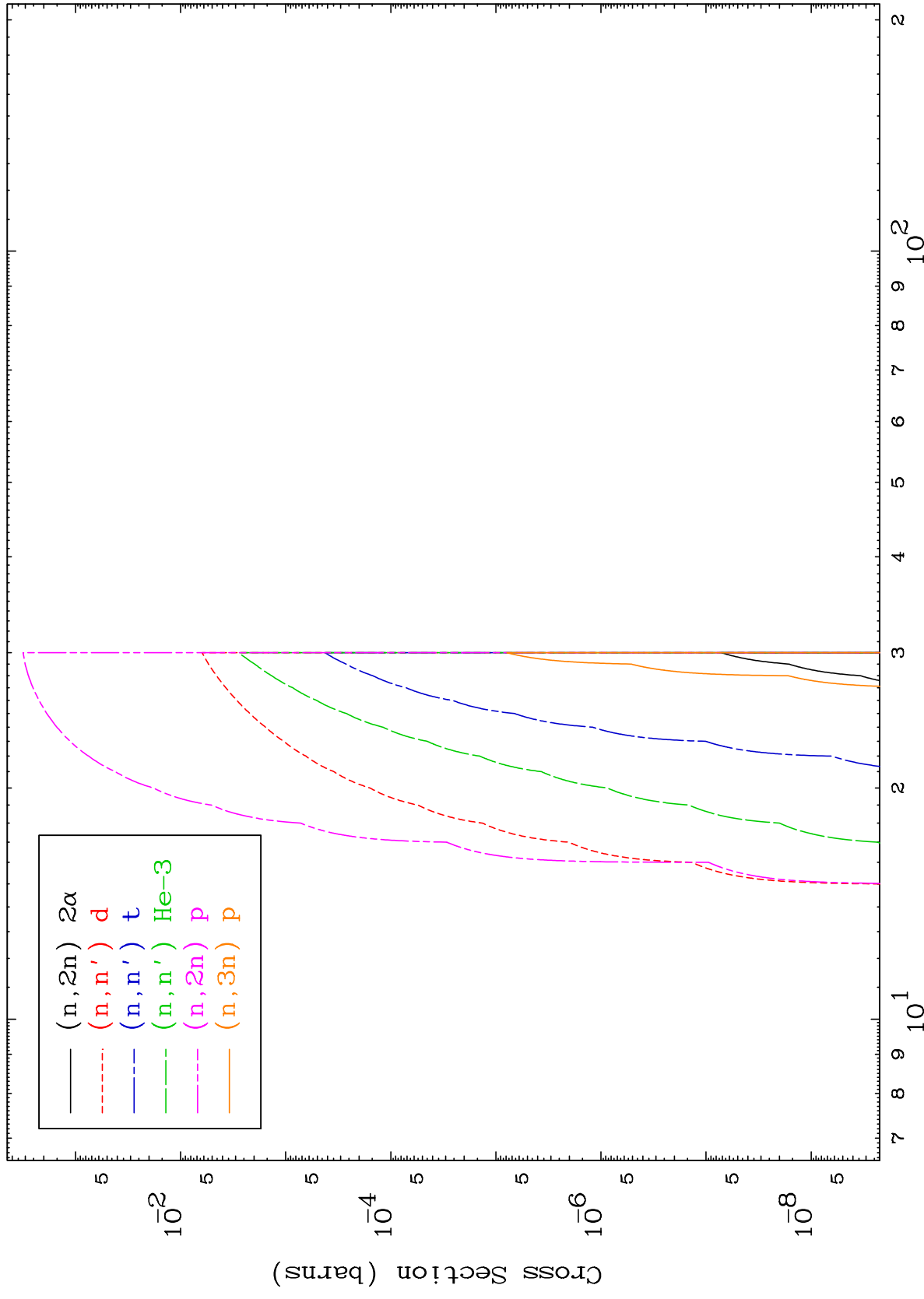
58-Ce-127



2

Incident Energy (MeV)

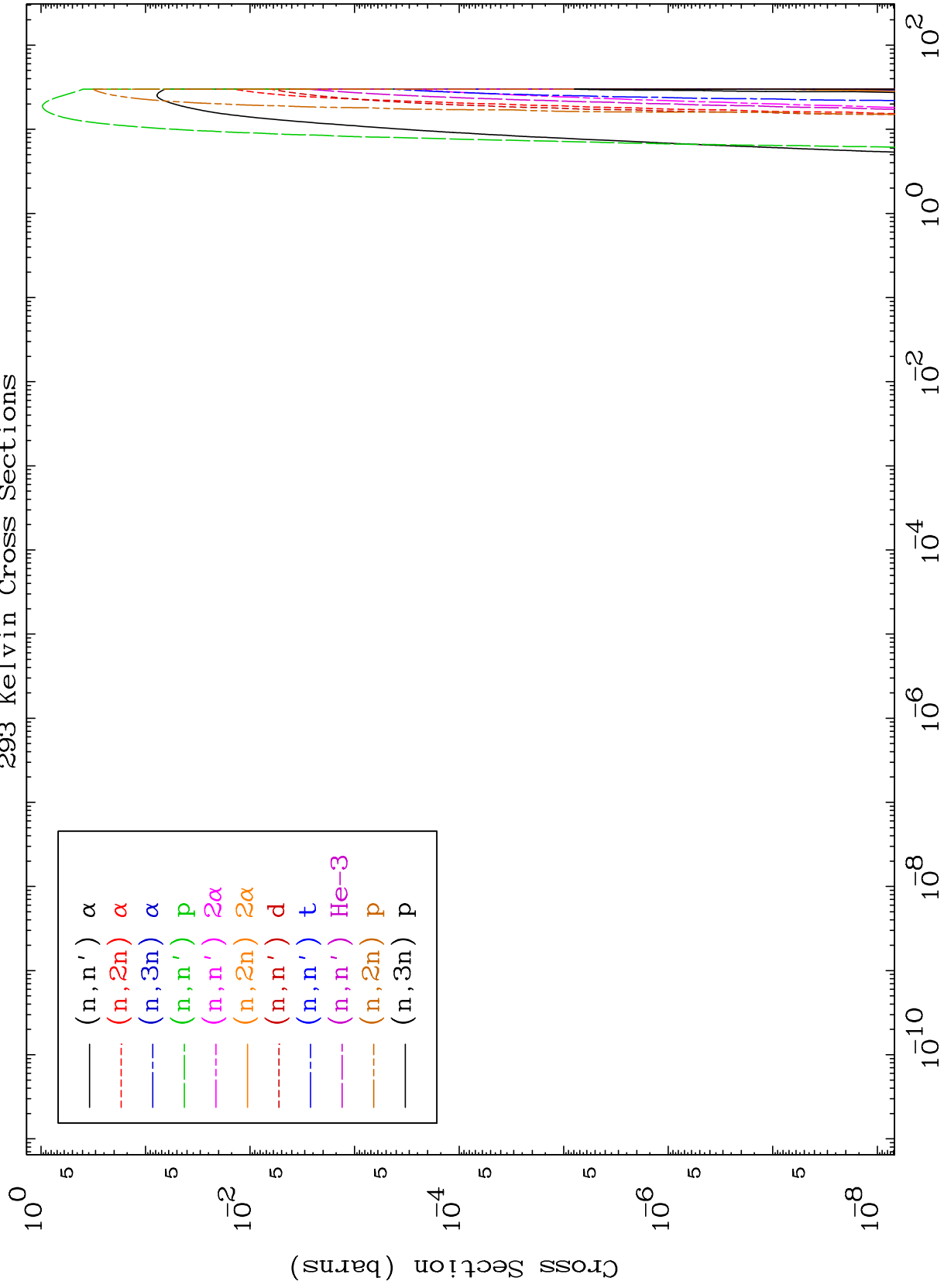
58-Ce-127



MAT 5799

293 Charged Particle  
Kelvin Cross Sections

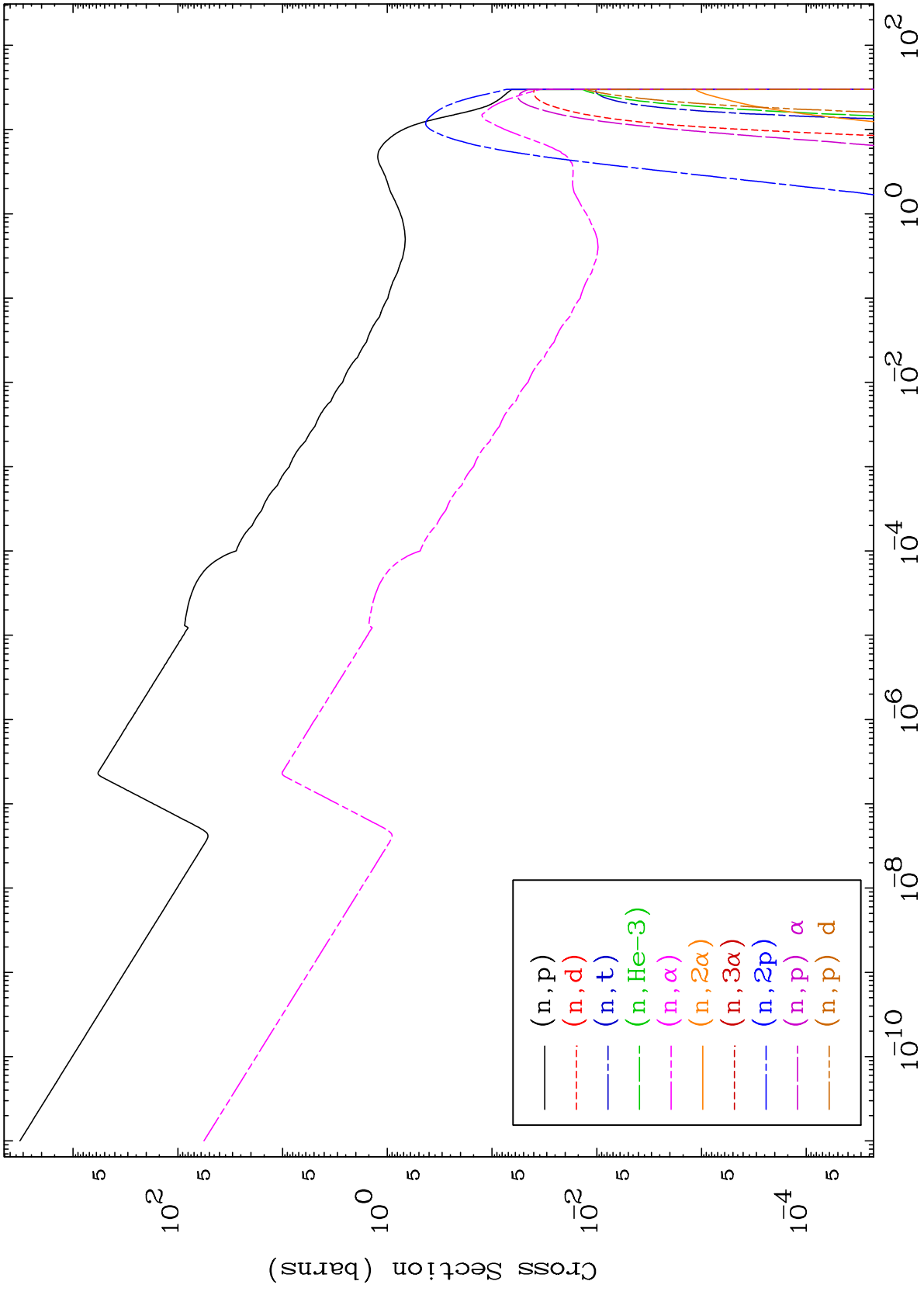
58-Ce-127



MAT 5799

293 Kelvin Cross Sections

58-Ce-127

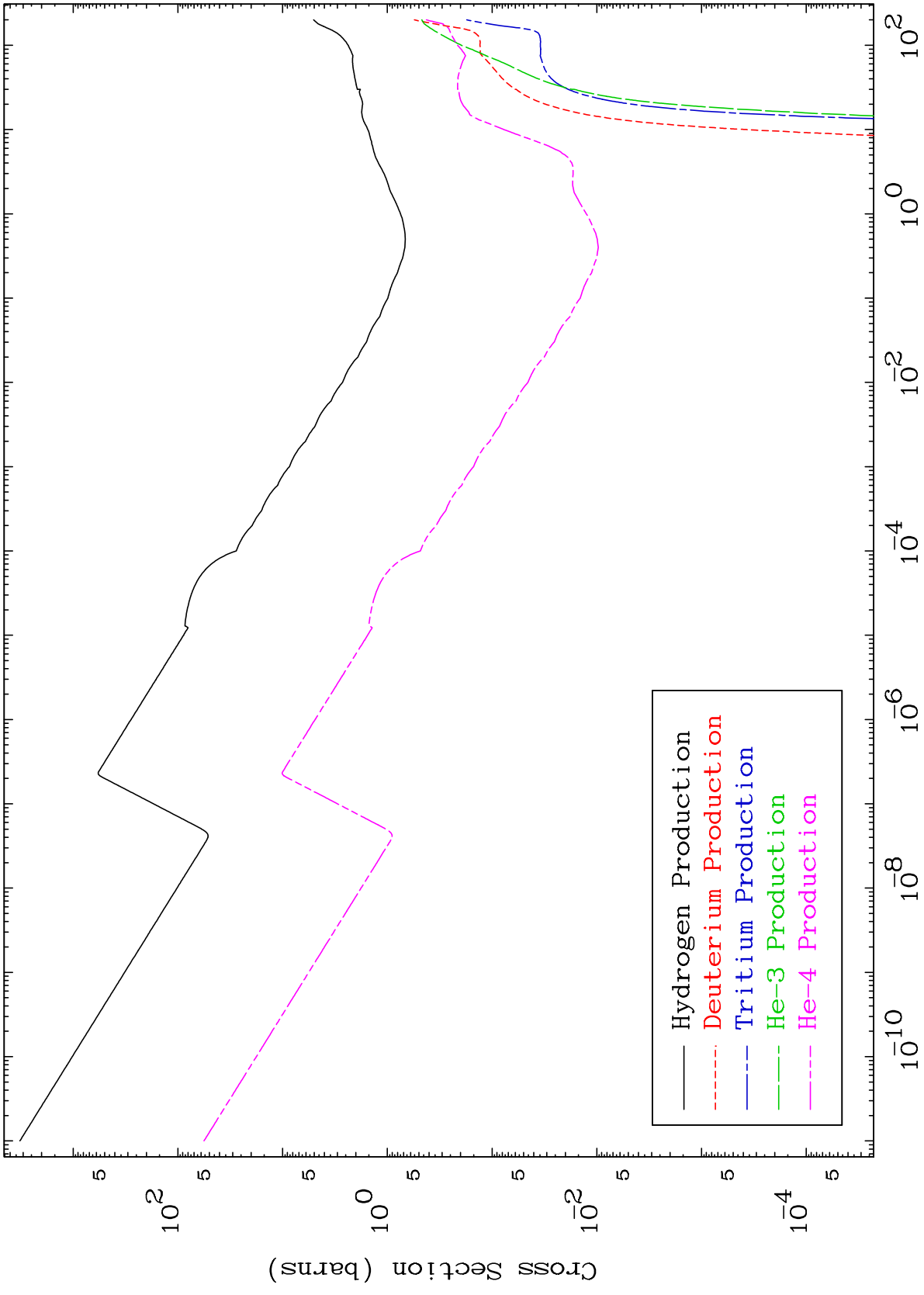


58-Ce-127

MAT 5799

Particle Production  
293 Kelvin Cross Sections

58-Ce-127

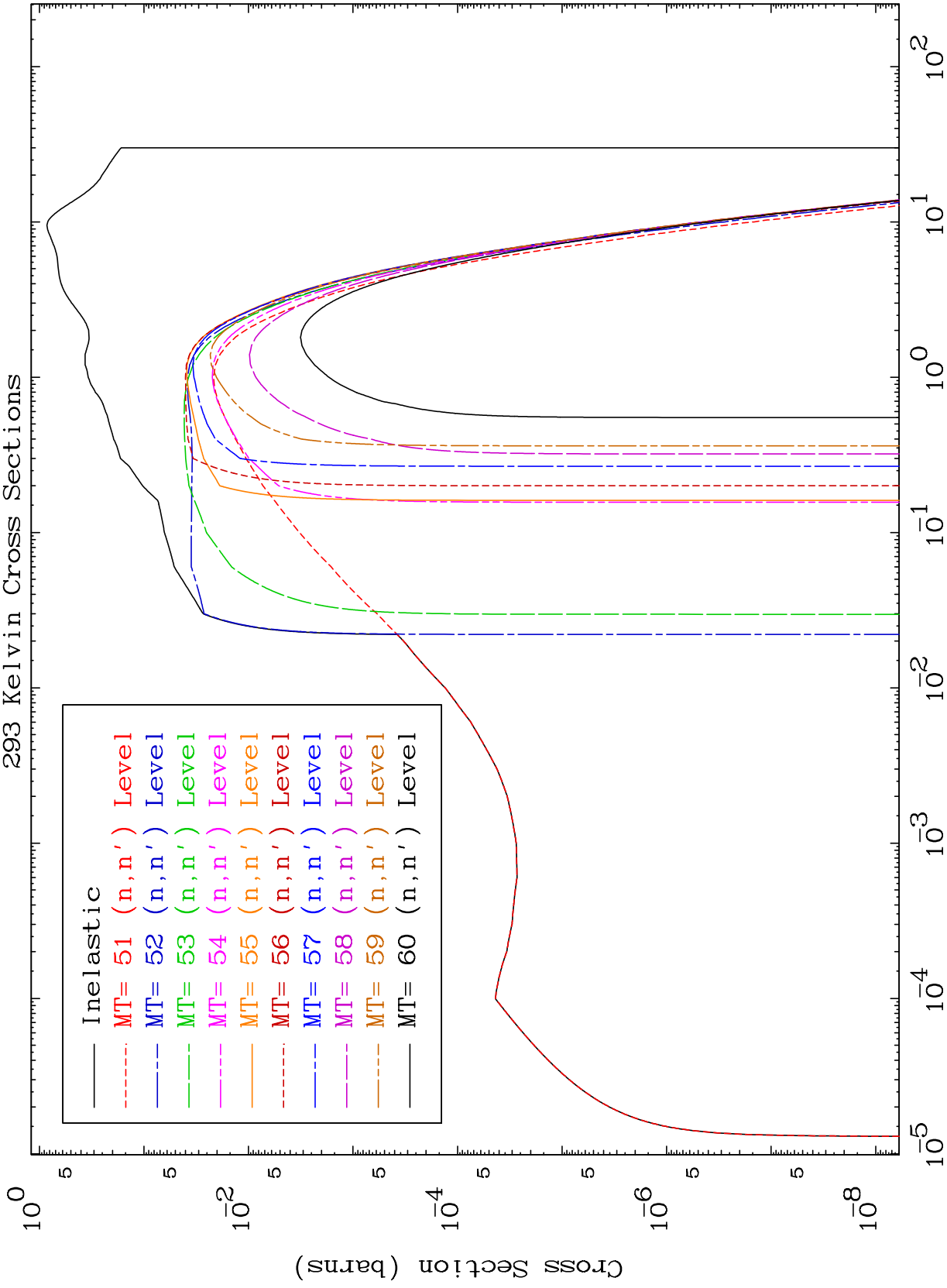


58-Ce-127

MAT 5799

293 Kelvin Cross Sections

58-Ce-127

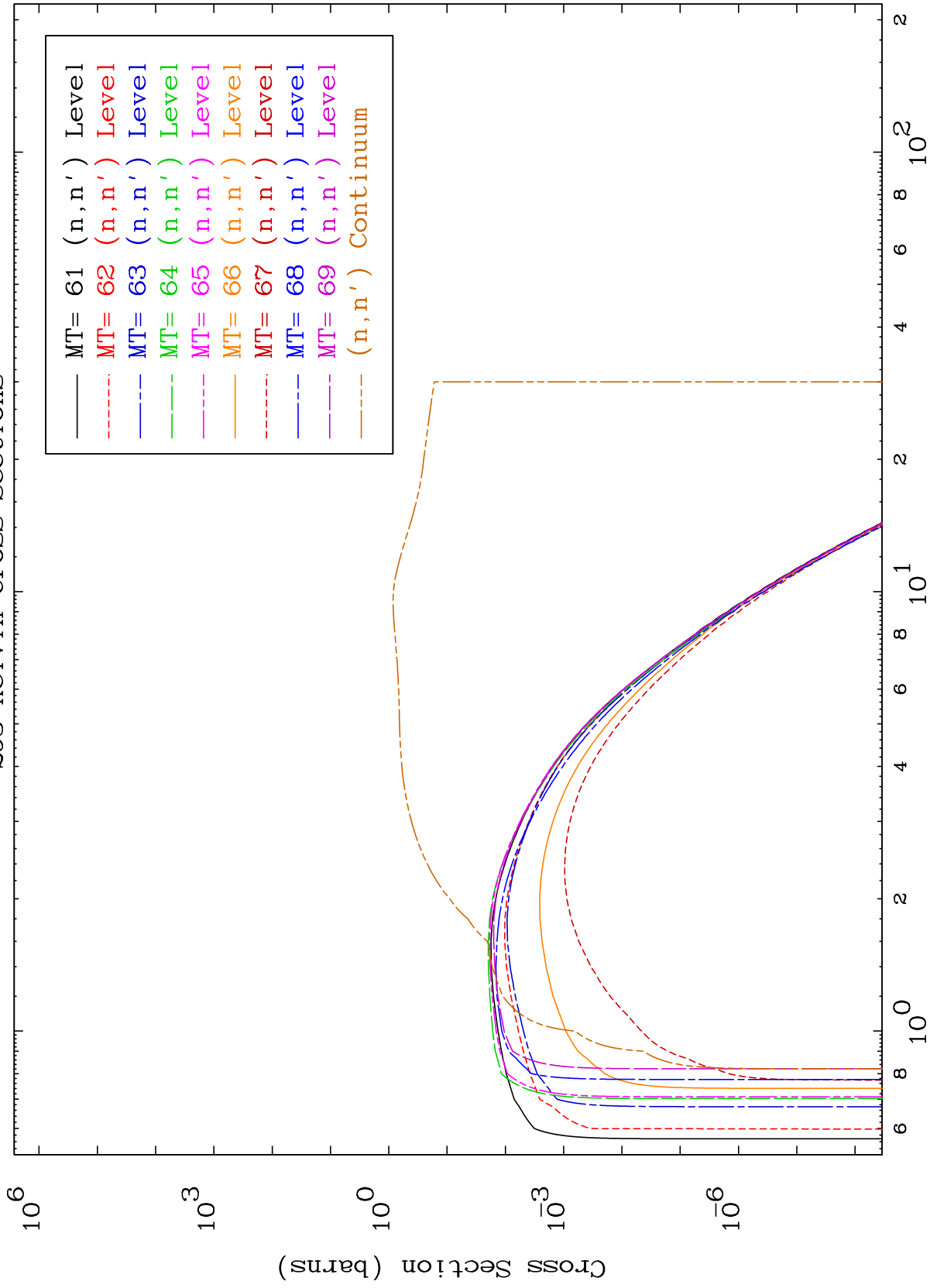




MAT 5799

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-127



8

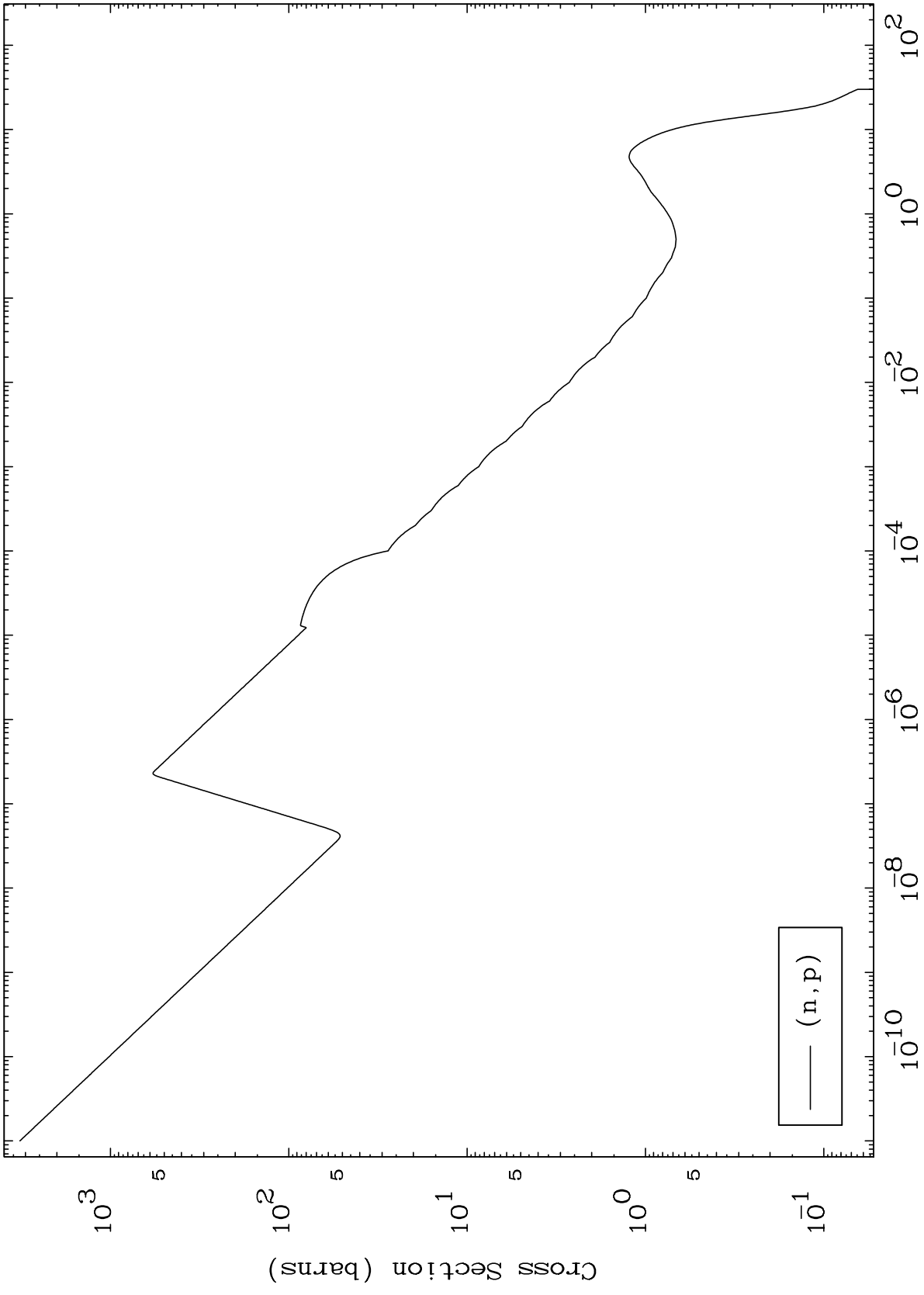
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,p) Levels  
293 Kelvin Cross Sections

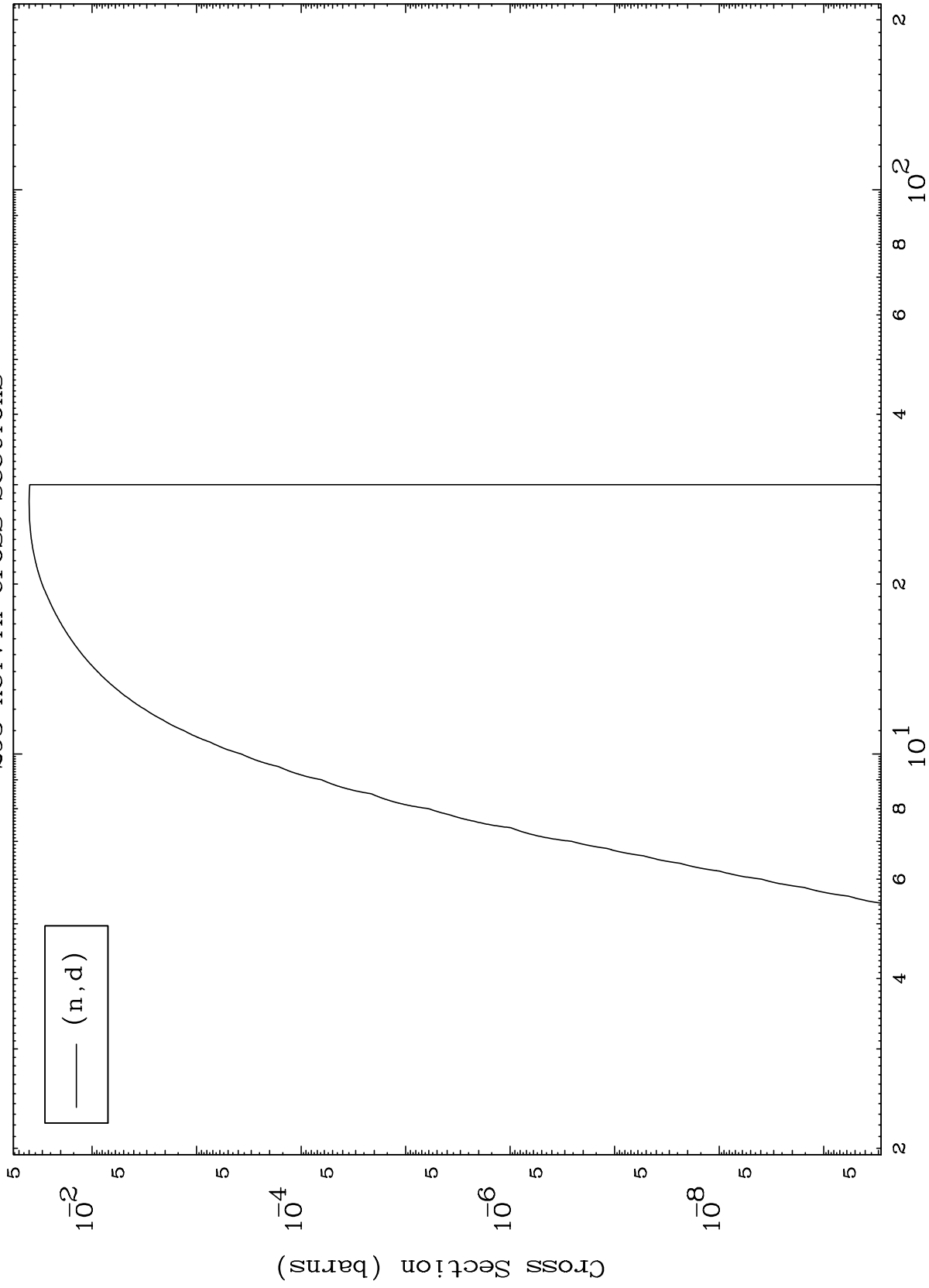
58-Ce-127



MAT 5799

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-127



10

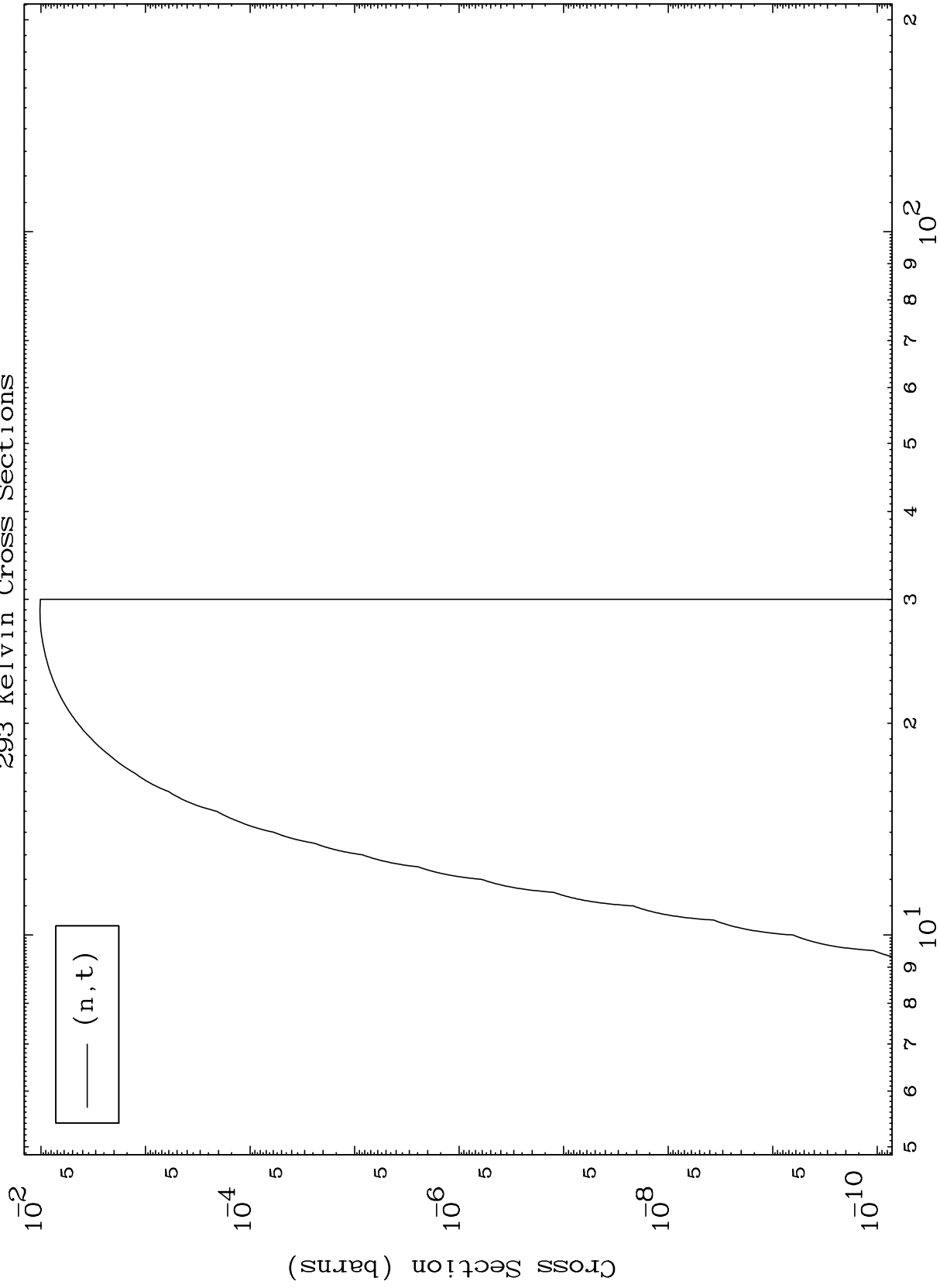
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-127



11

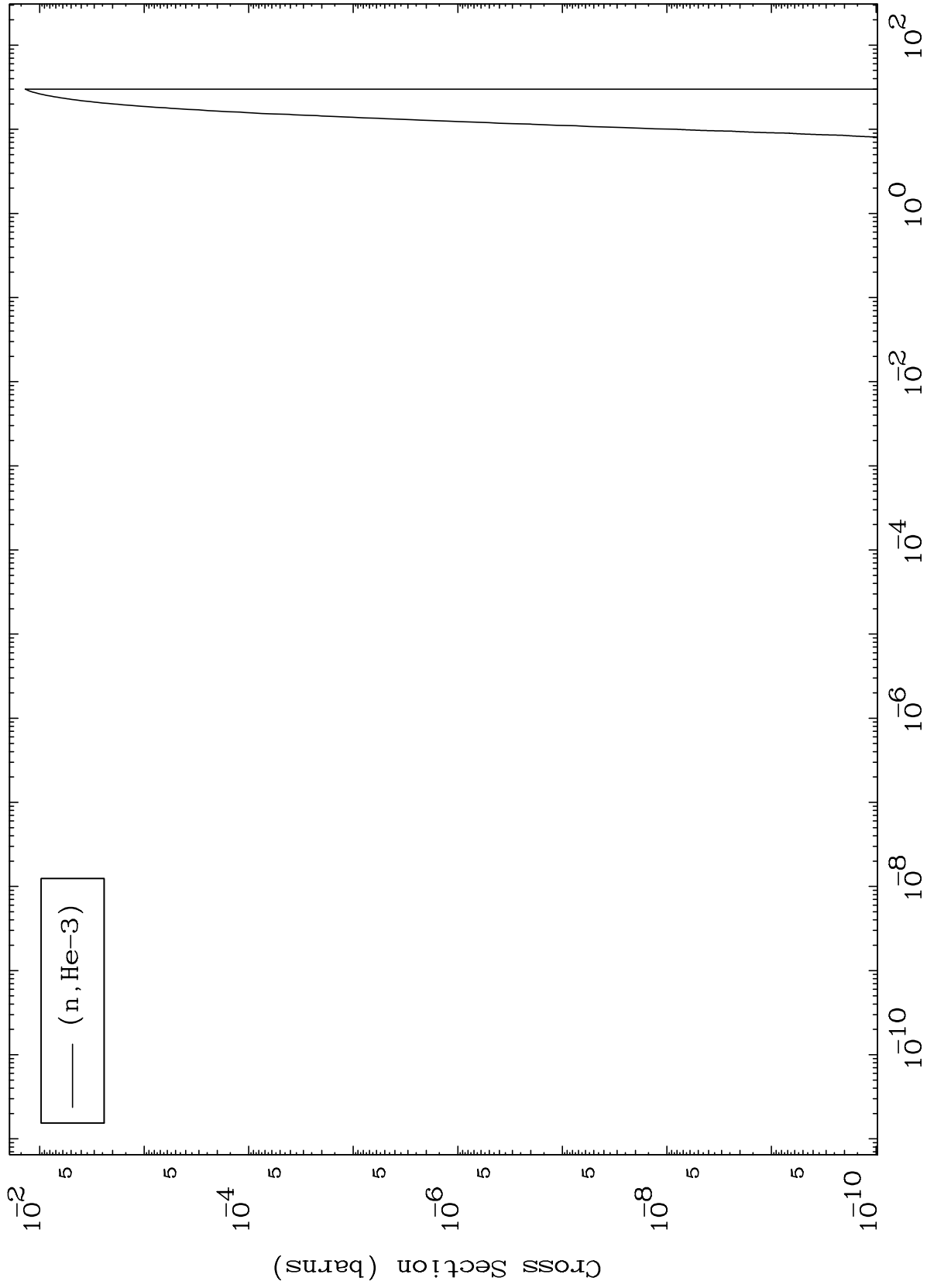
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-127



12

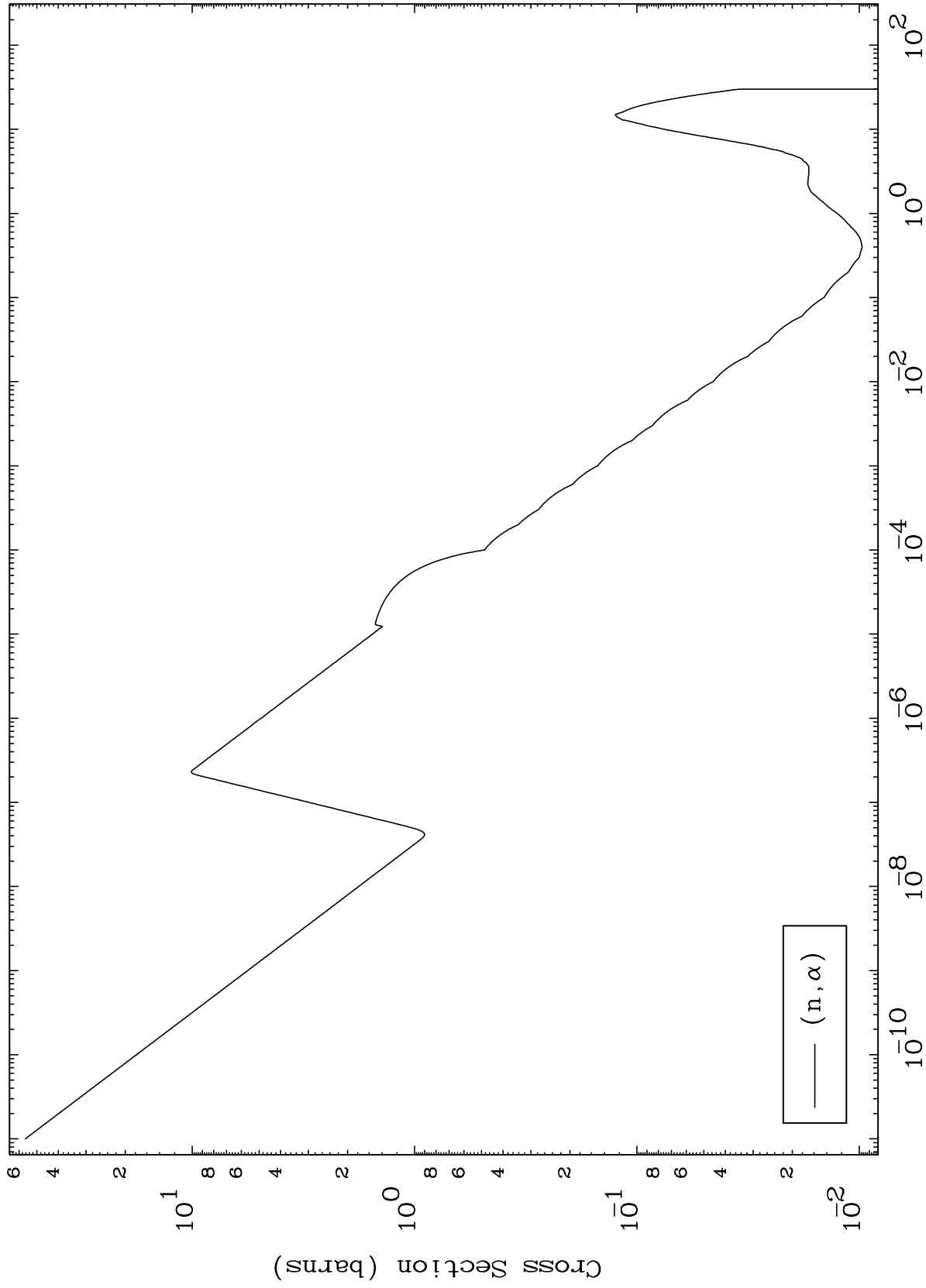
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,α) Levels  
293 Kelvin Cross Sections

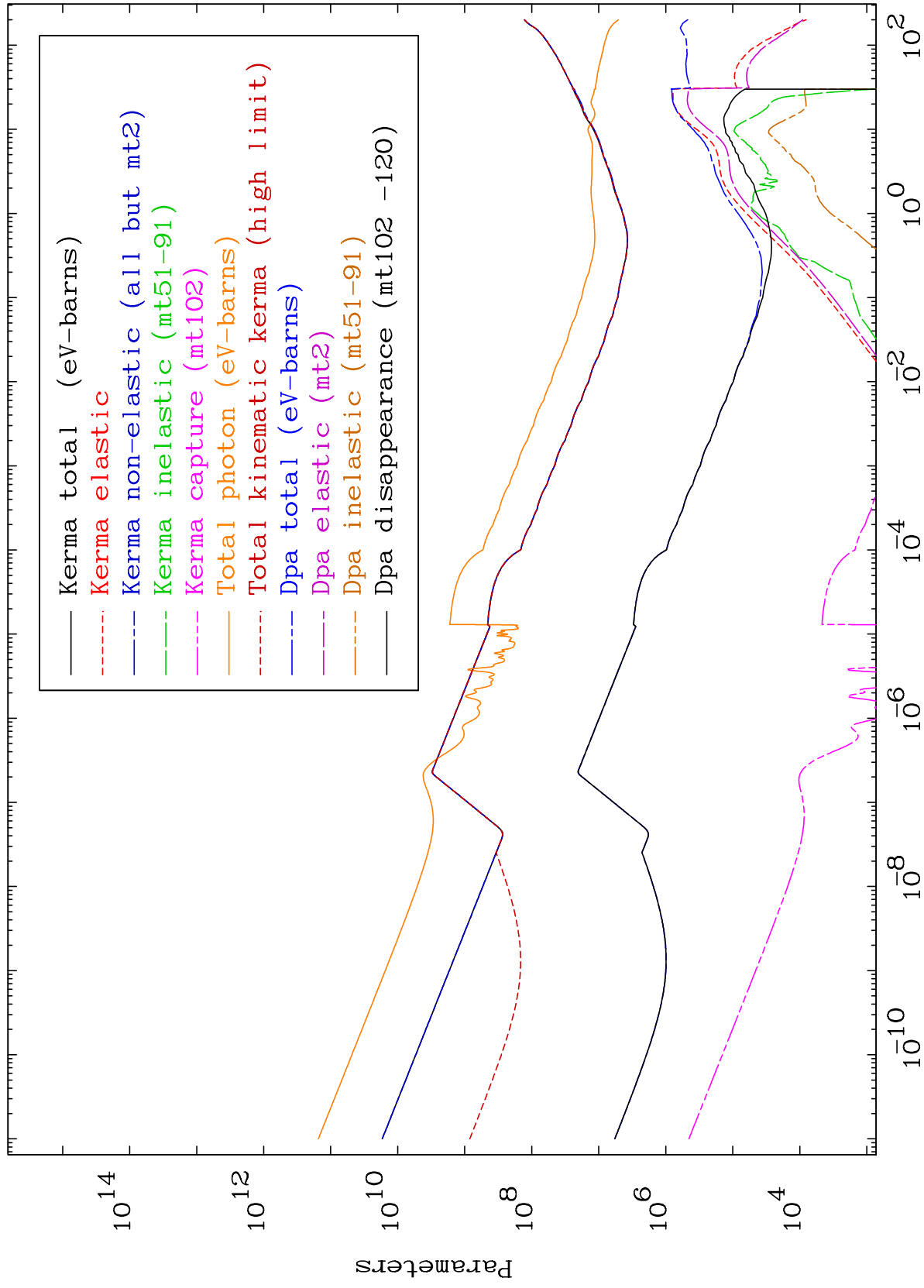
58-Ce-127



13

Incident Energy (MeV)

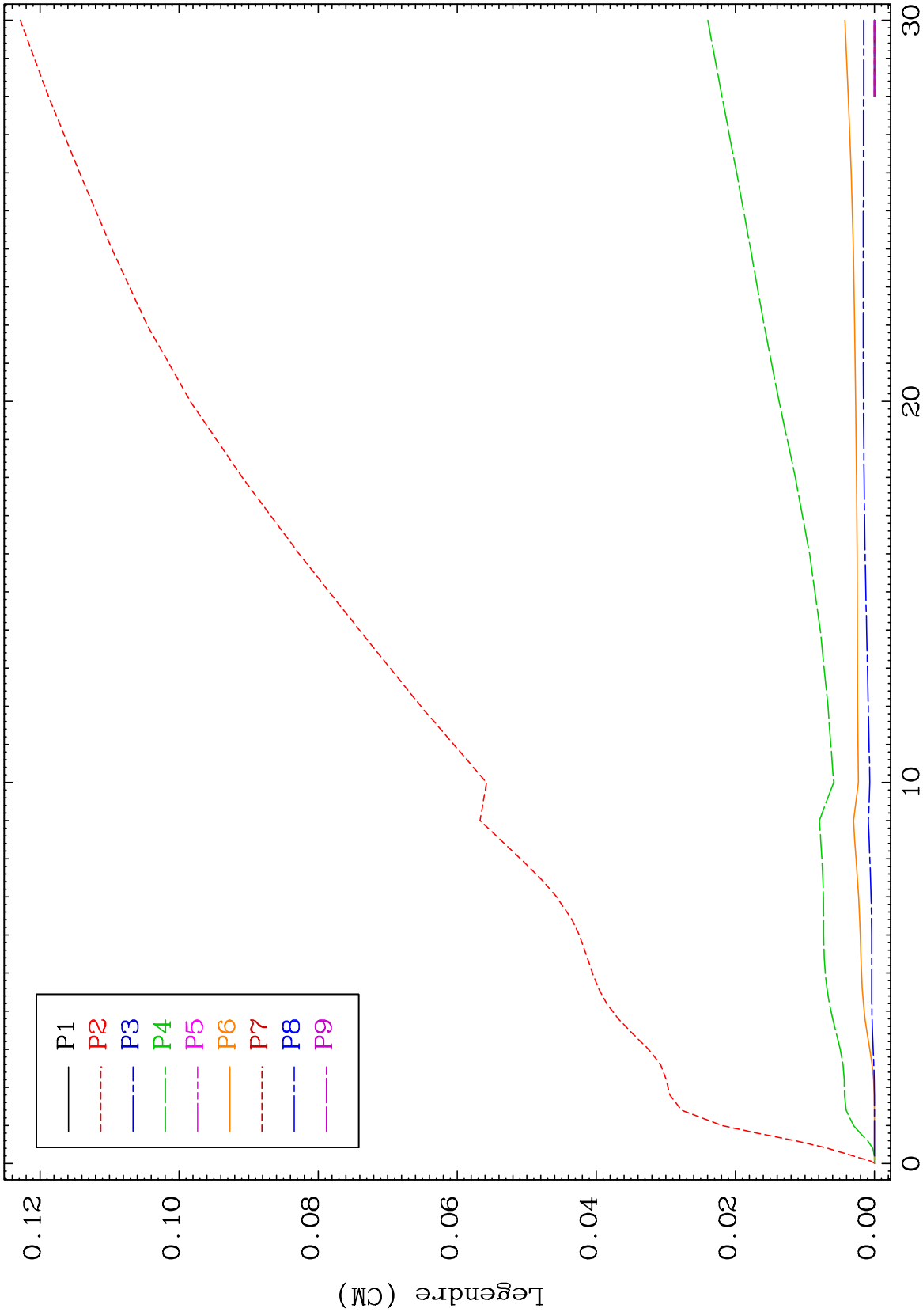
58-Ce-127



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Elastic Legendre Coefficients

58-Ce-127



58-Ce-127

Incident Energy (MeV)

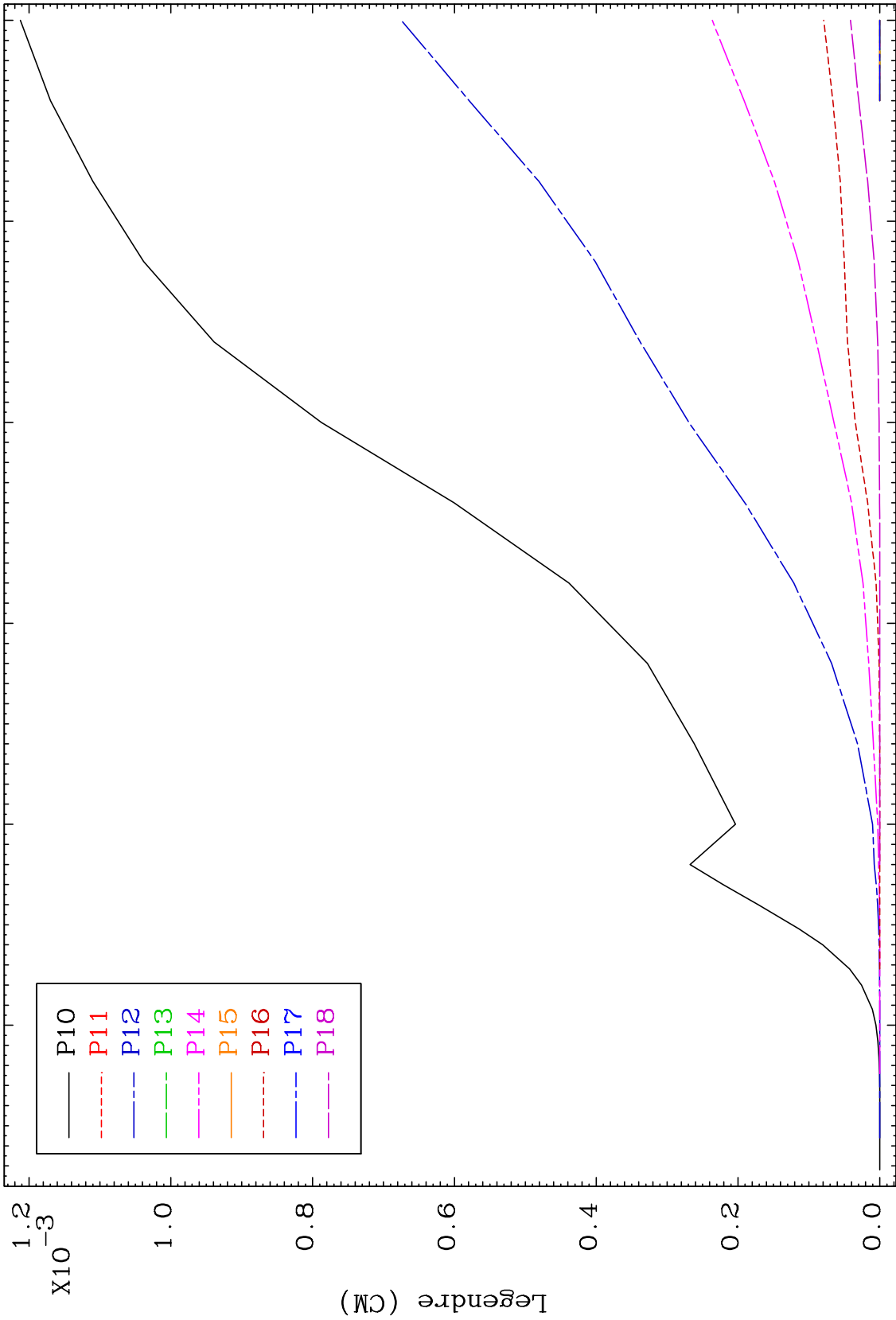
15



MAT 5799

Elastic Legendre Coefficients

58-Ce-127



16

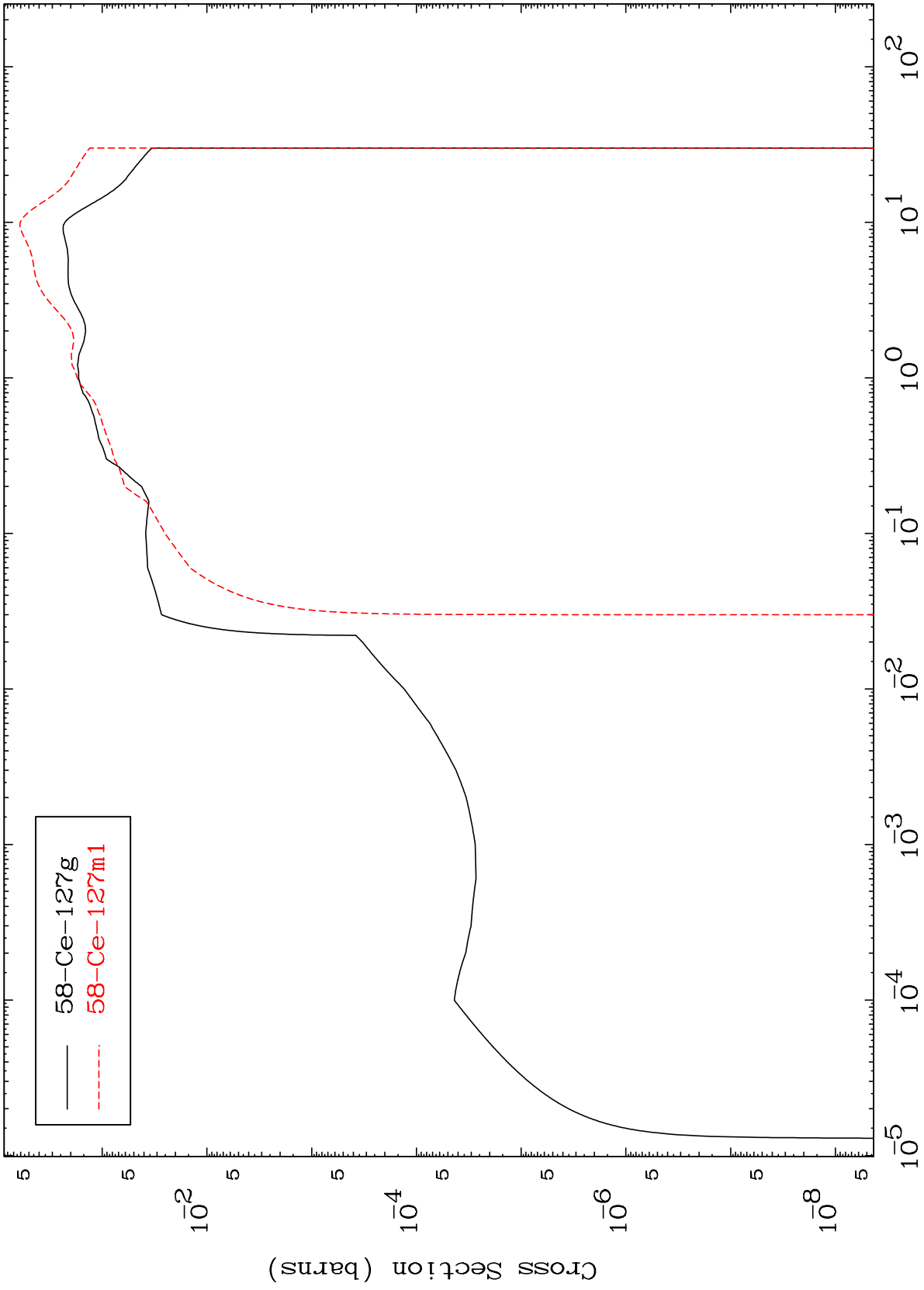
58-Ce-127



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Inelastic  
Radionuclide Production Cross Section

58-Ce-127



18

Incident Energy (MeV)

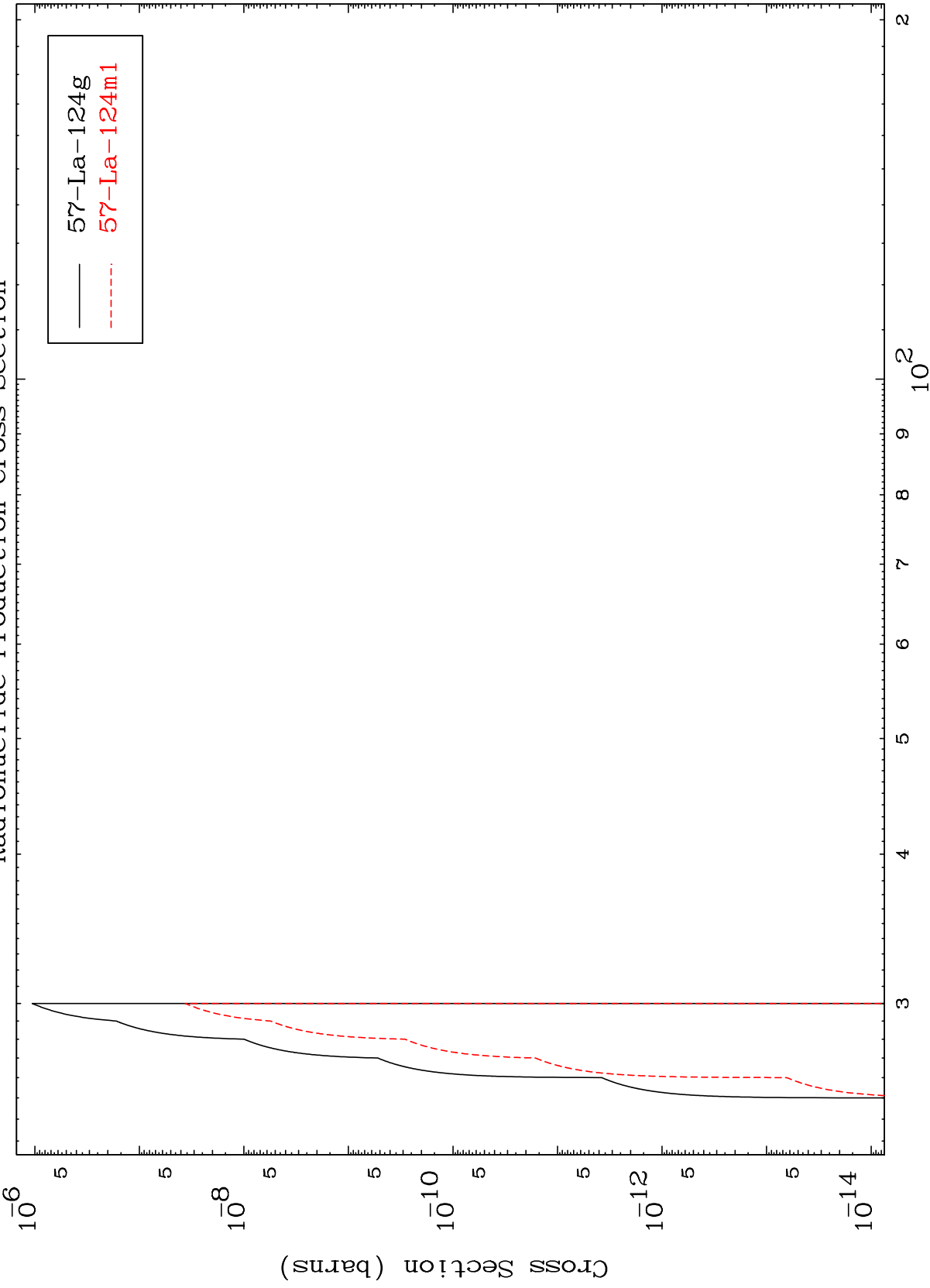
58-Ce-127

MAT 5799

(n,2n) d

58-Ce-127

Radionuclide Production Cross Section



19

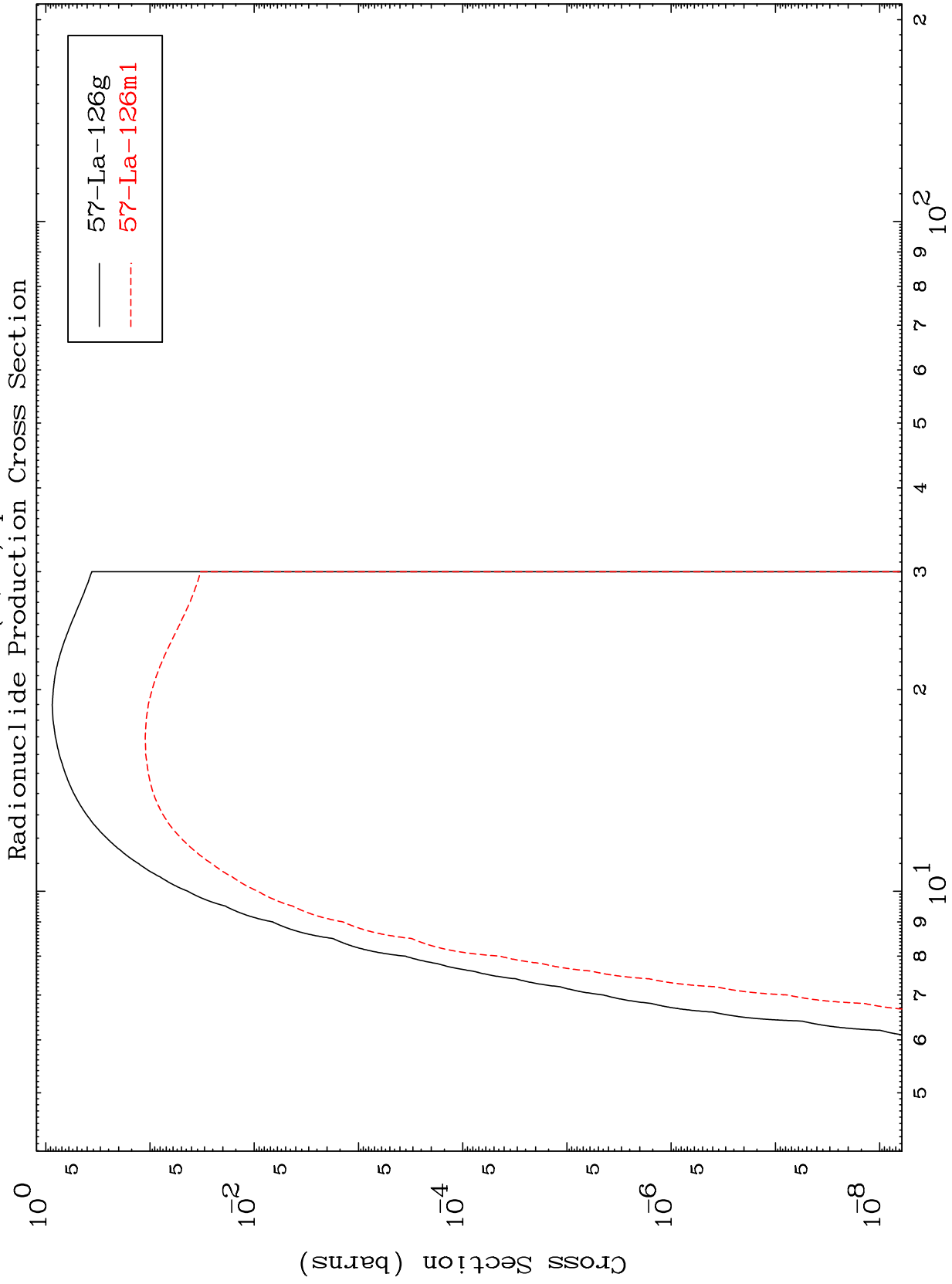
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,n') p

58-Ce-127



20

Incident Energy (MeV)

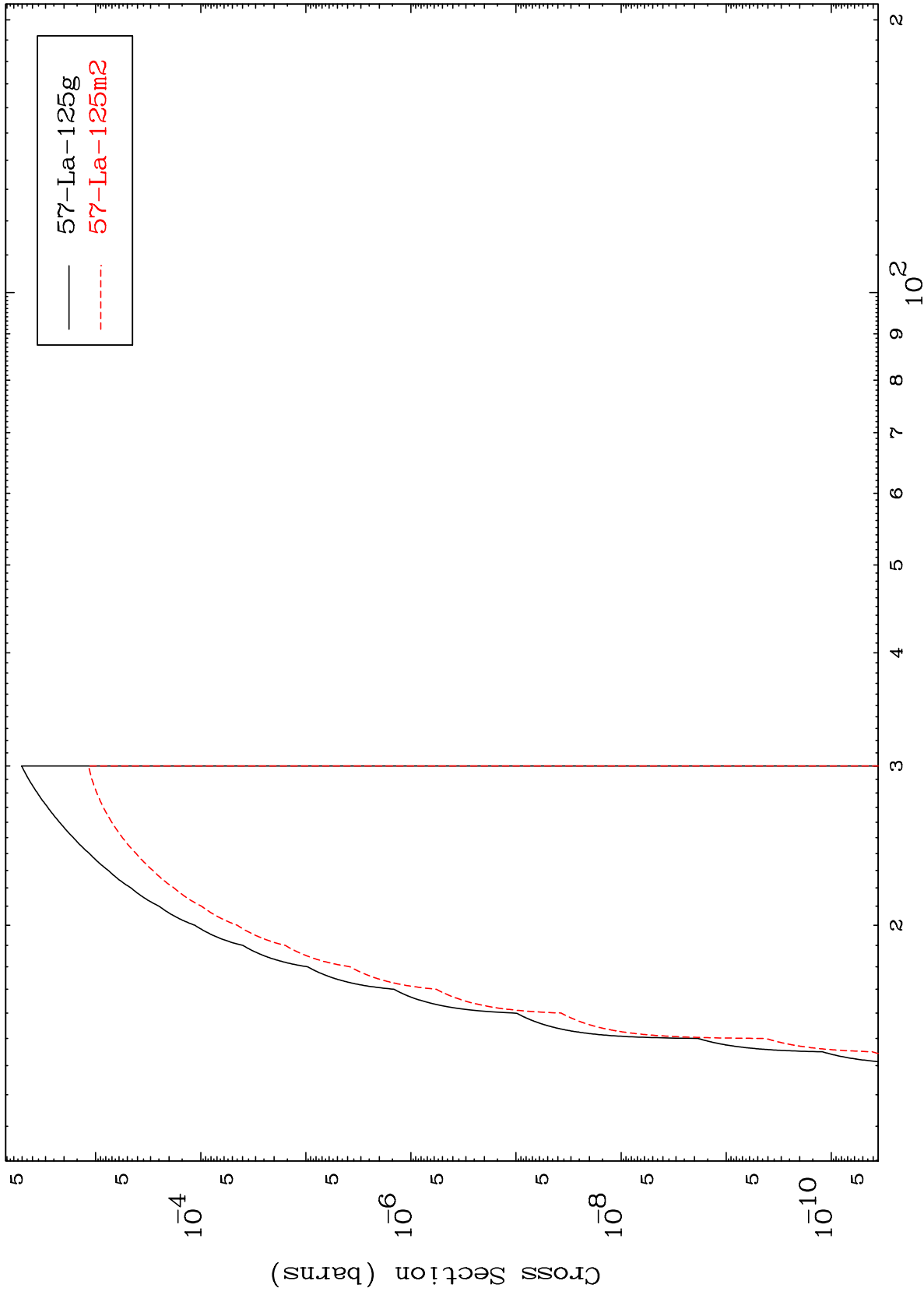
58-Ce-127

MAT 5799

(n,n') d

58-Ce-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

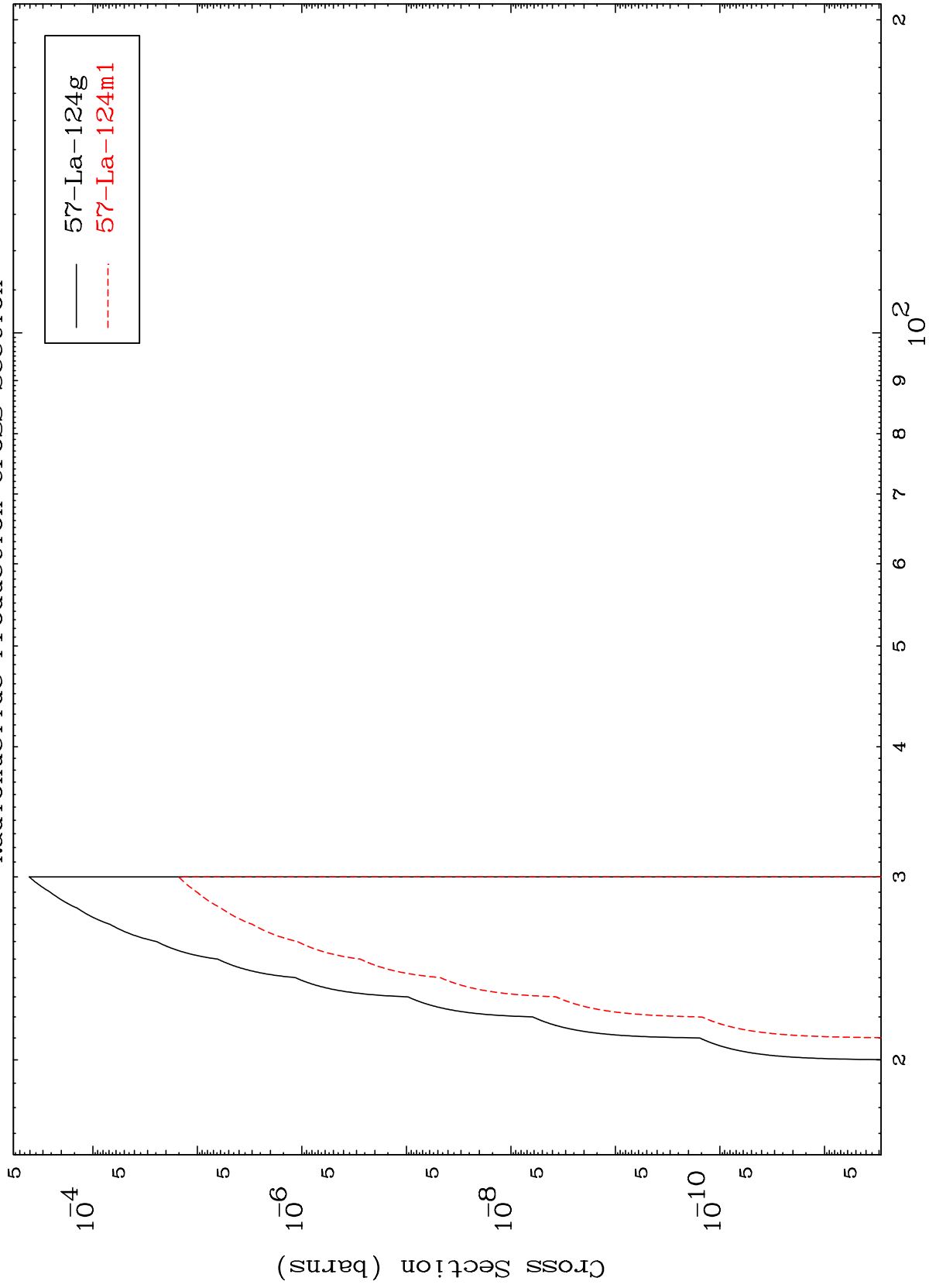
58-Ce-127

MAT 5799

(n,n') t

58-Ce-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

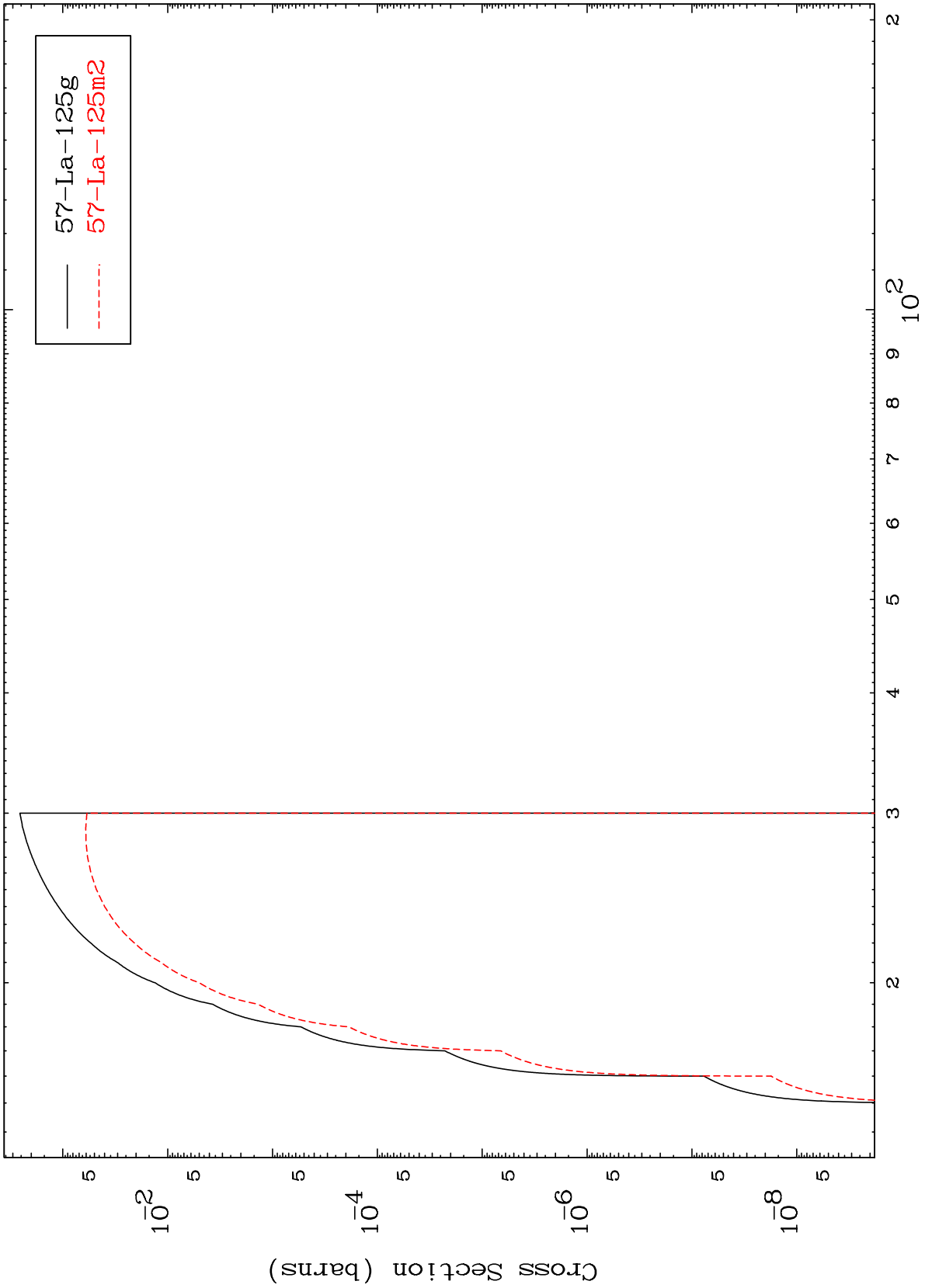
58-Ce-127

MAT 5799

(n,2n) p

58-Ce-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-127

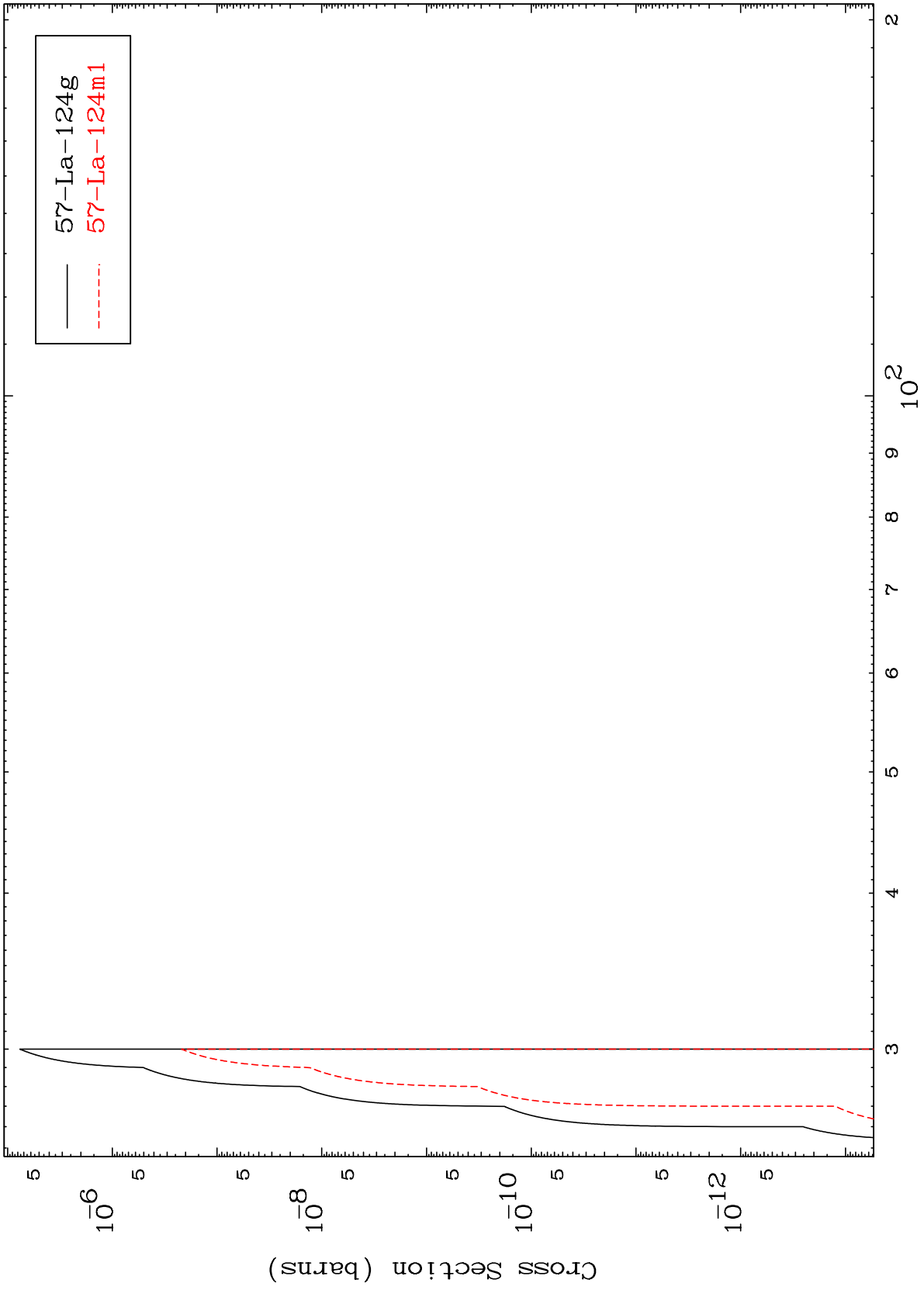


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(n,3n) p

58-Ce-127

Radionuclide Production Cross Section



24

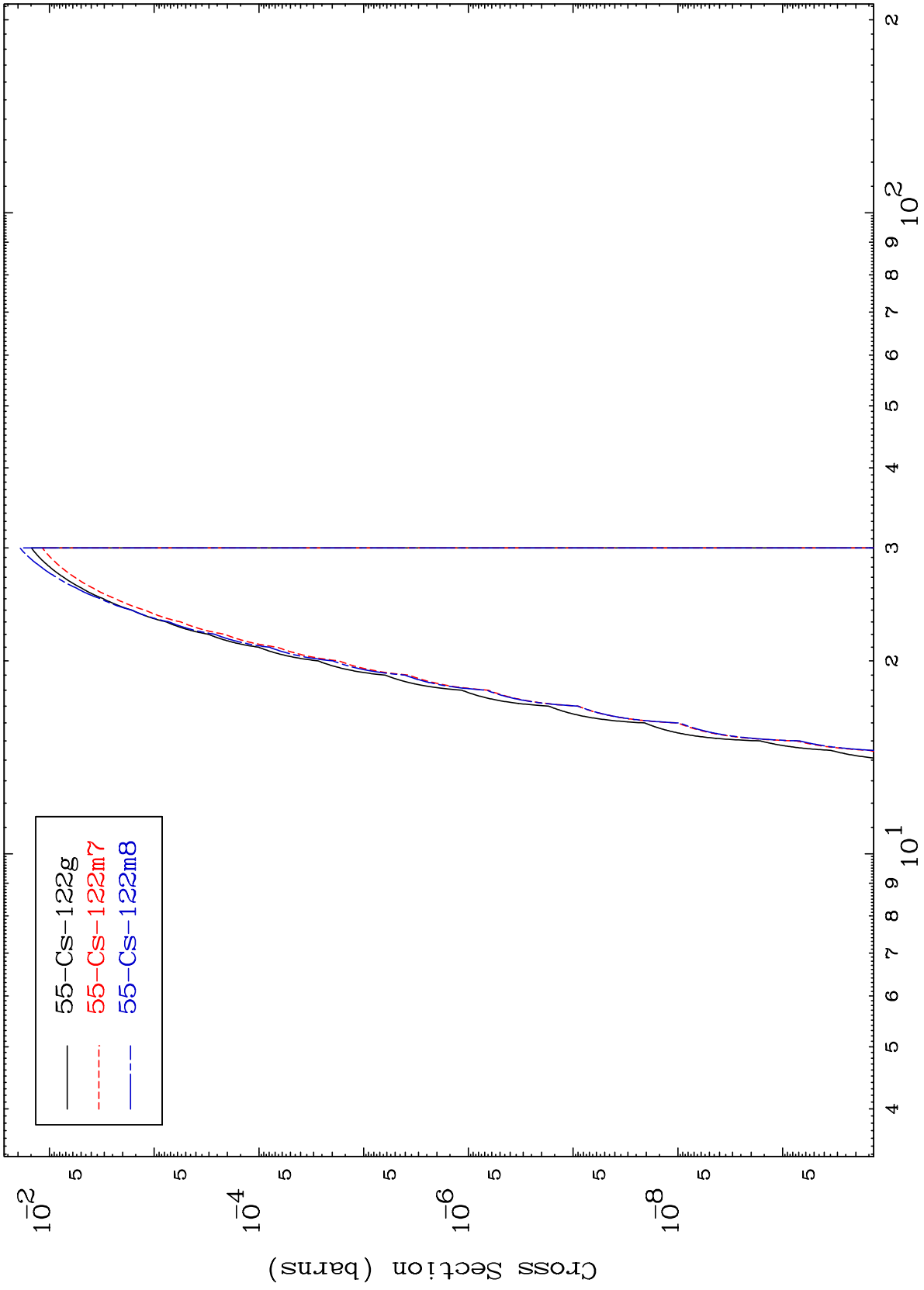
Incident Energy (MeV)

58-Ce-127

MAT 5799

58-Ce-127

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



25

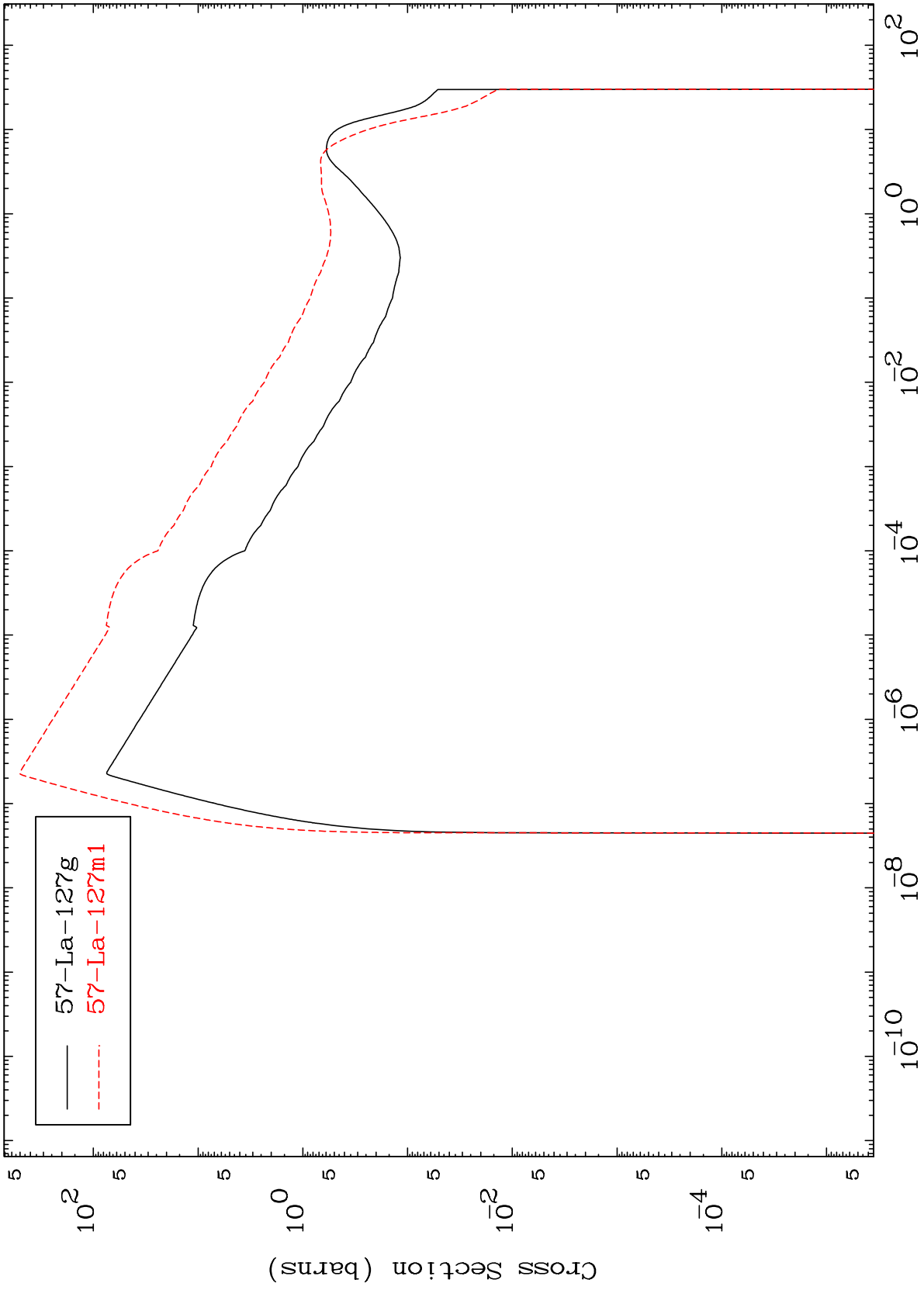
Incident Energy (MeV)

58-Ce-127

MAT 5799

58-Ce-127

Radionuclide Production Cross Section (n,p)



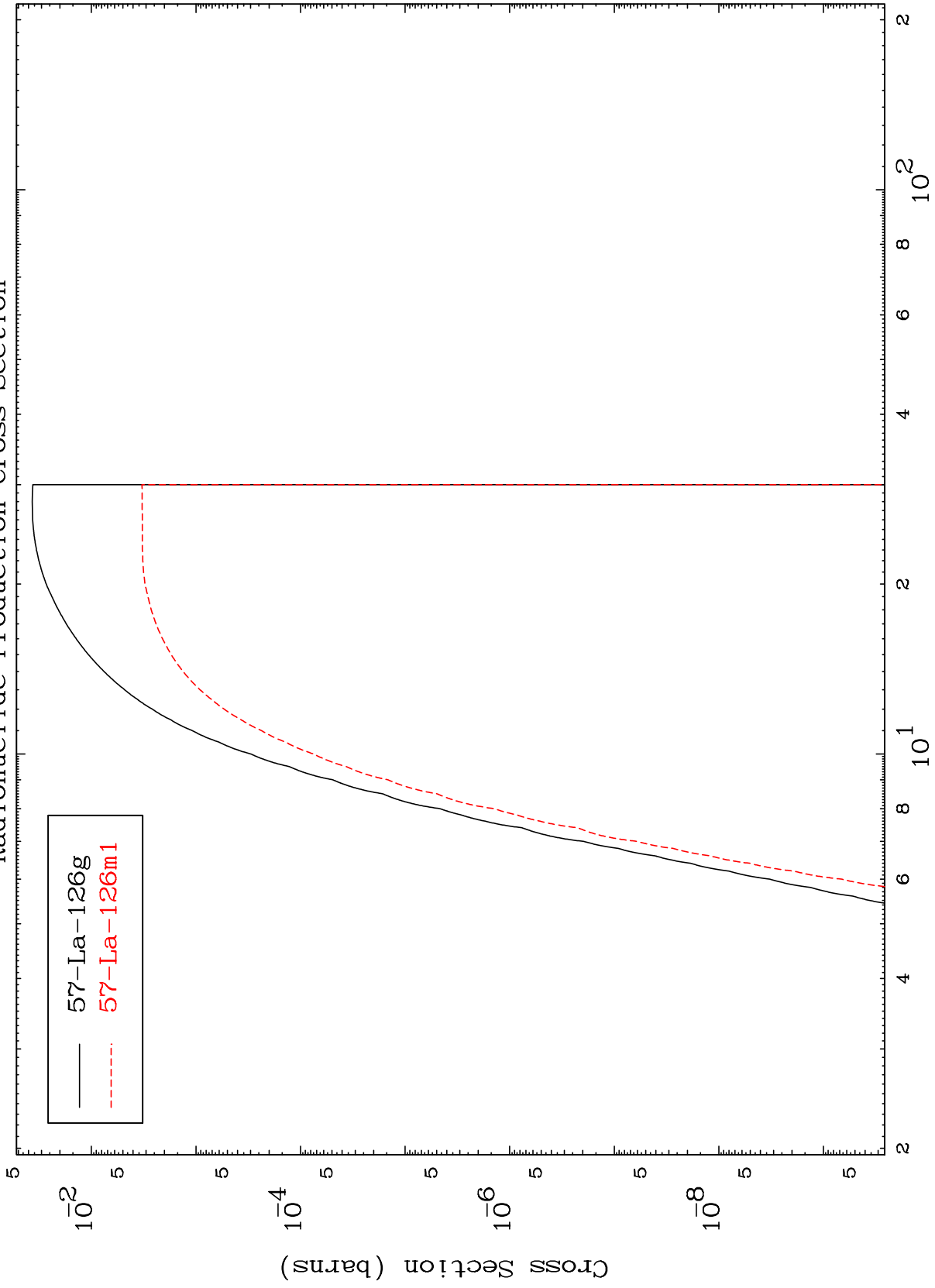
26

58-Ce-127

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Radionuclide Production Cross Section  
(n,d)

58-Ce-127



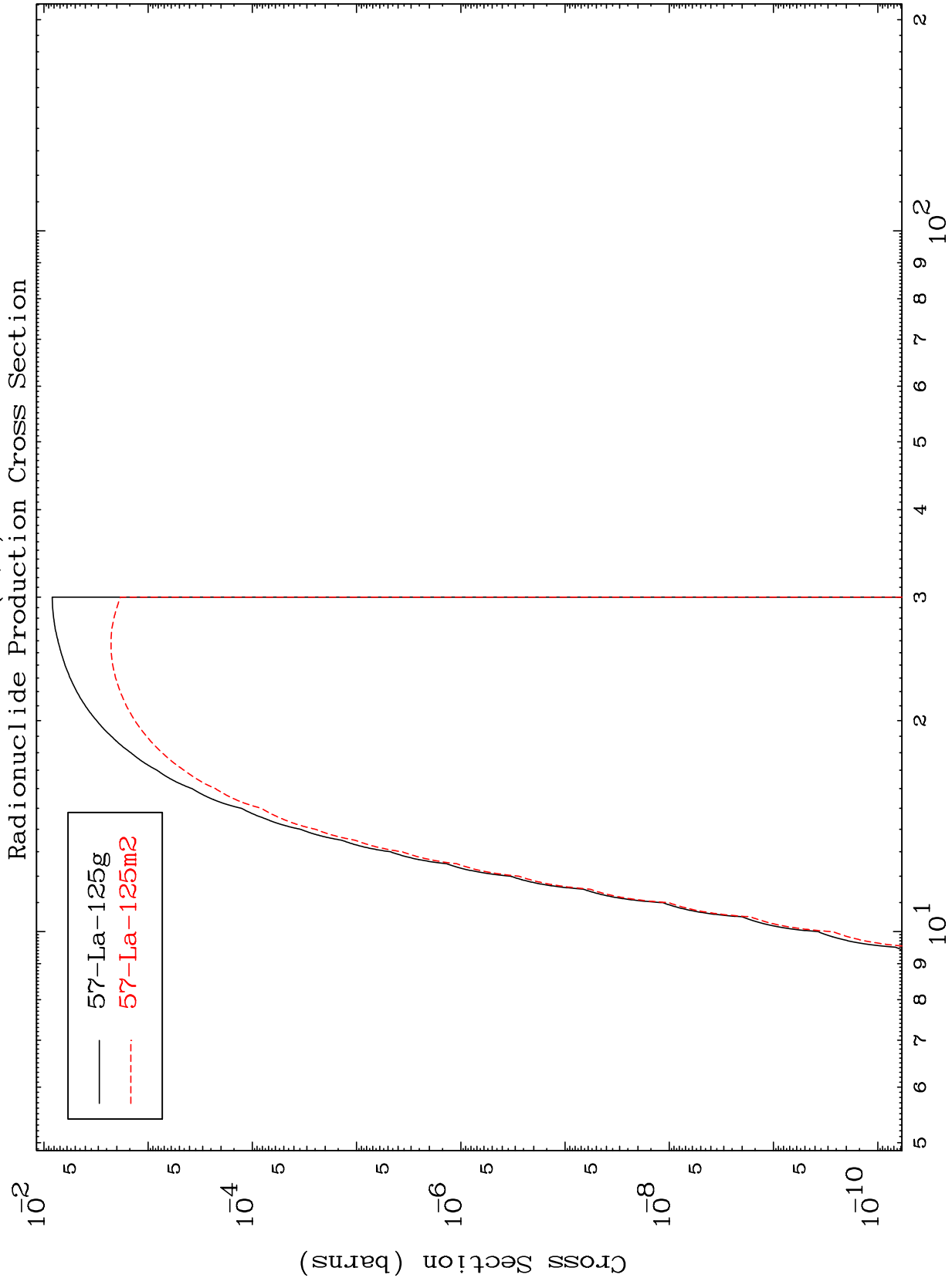
27

Incident Energy (MeV)

58-Ce-127

MAT 5799

58-Ce-127



28

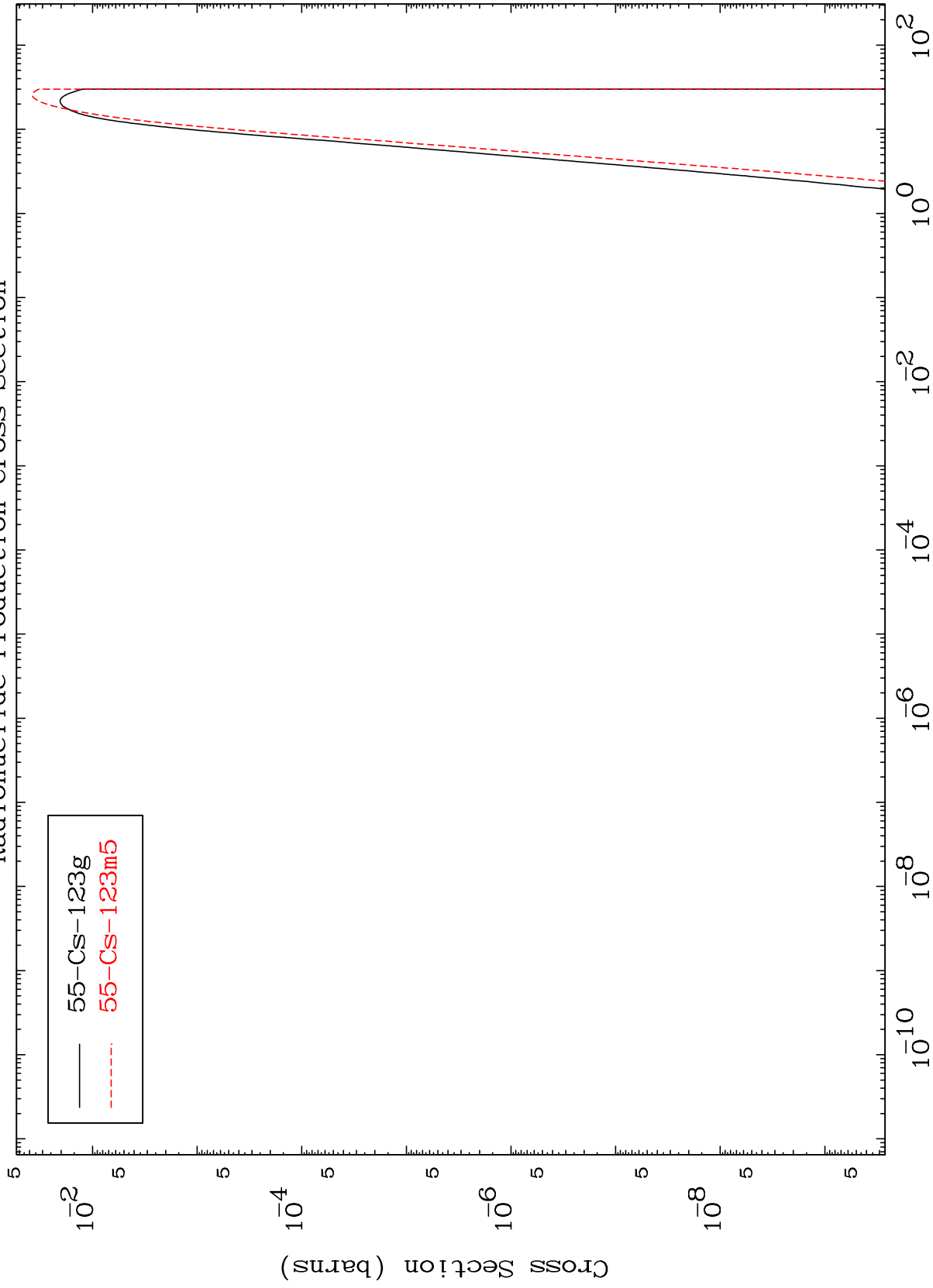
58-Ce-127

MAT 5799

(n,p)  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



29

Incident Energy (MeV)

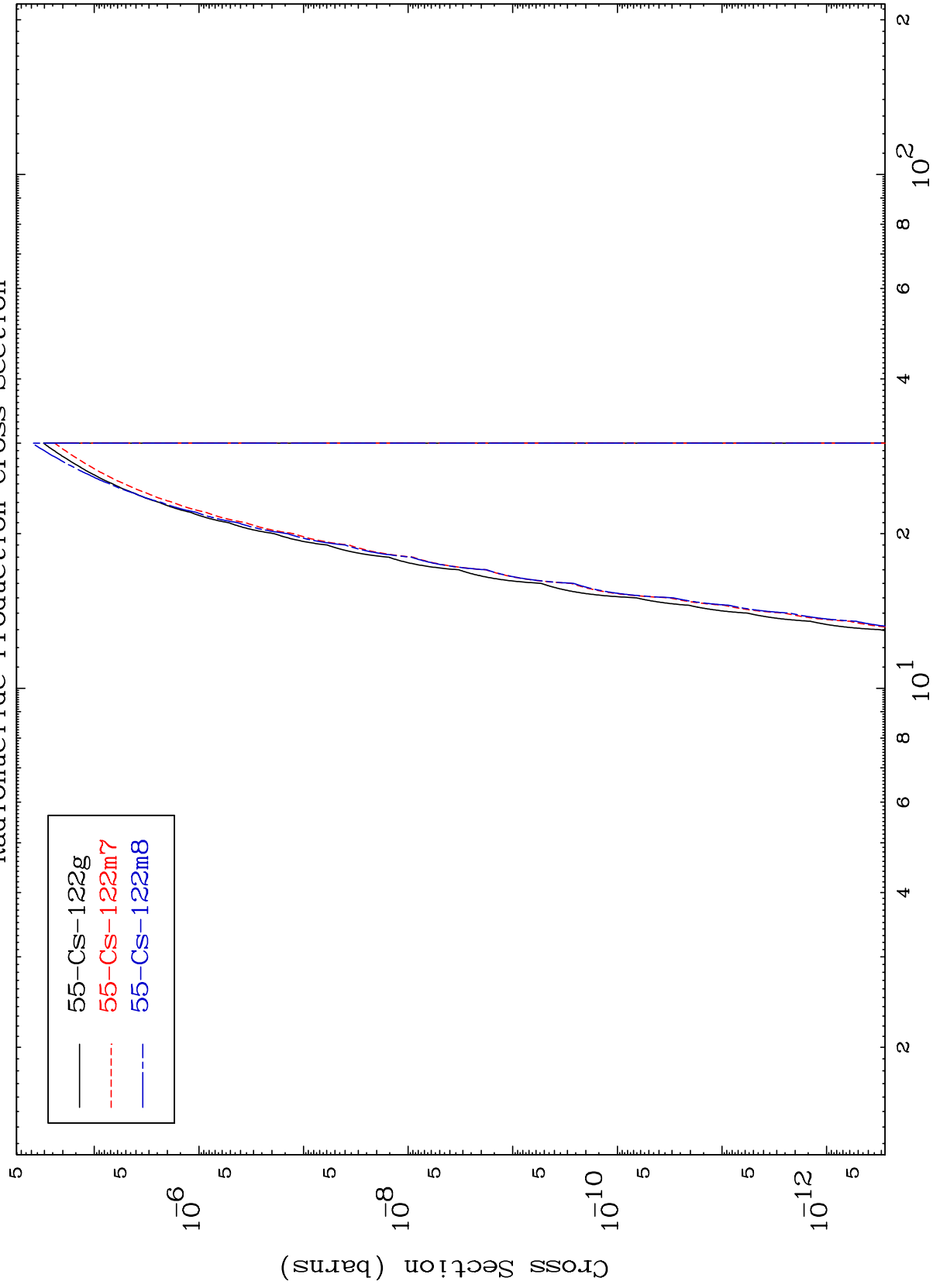
58-Ce-127

MAT 5799

(n,d)  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



30

Incident Energy (MeV)

58-Ce-127