

Program EVALPLOT
(Version 2015-2)

by

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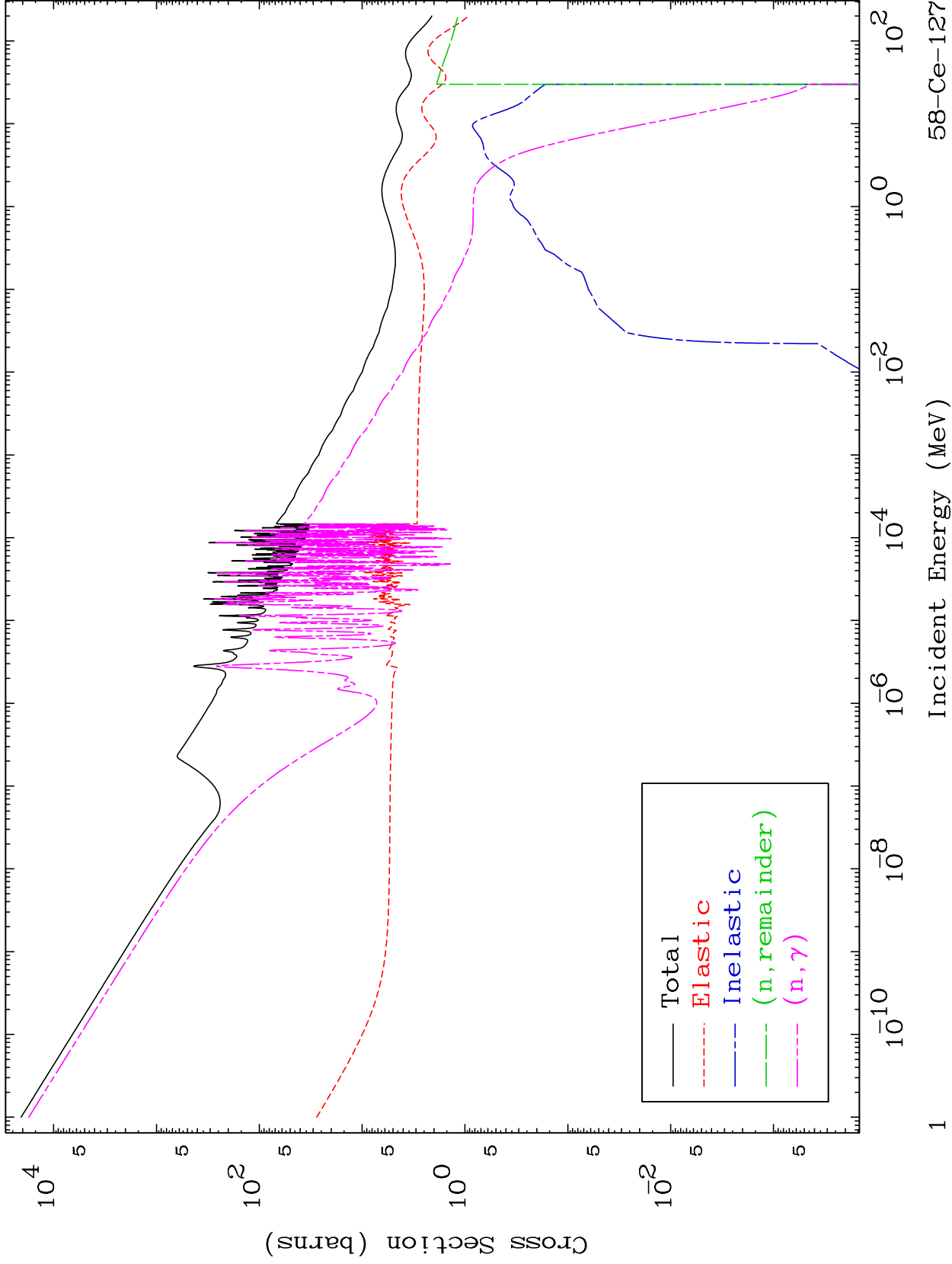
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5799

Major
293 Kelvin Cross Sections

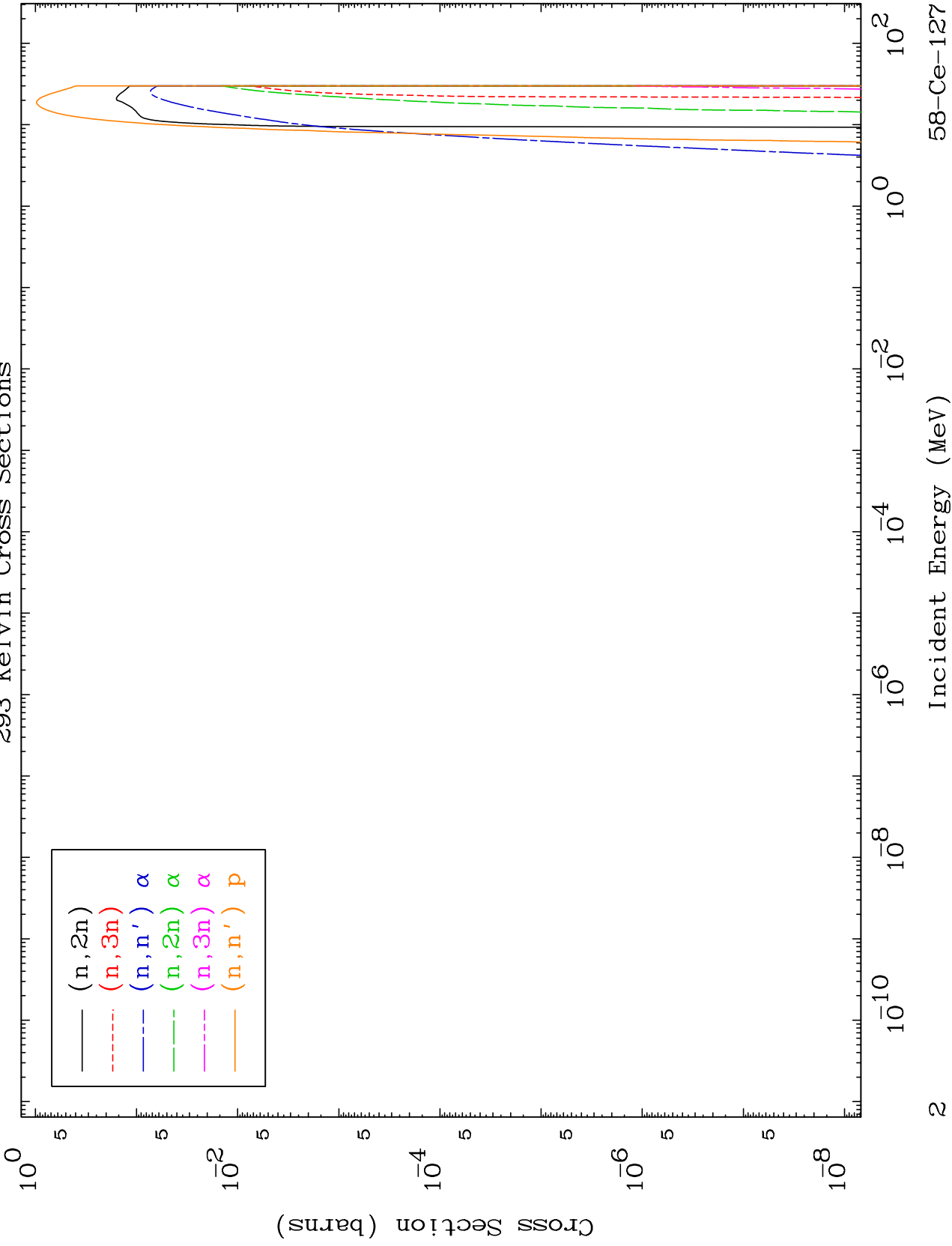
58-Ce-127



MAT 5799

Neutron Production
293 Kelvin Cross Sections

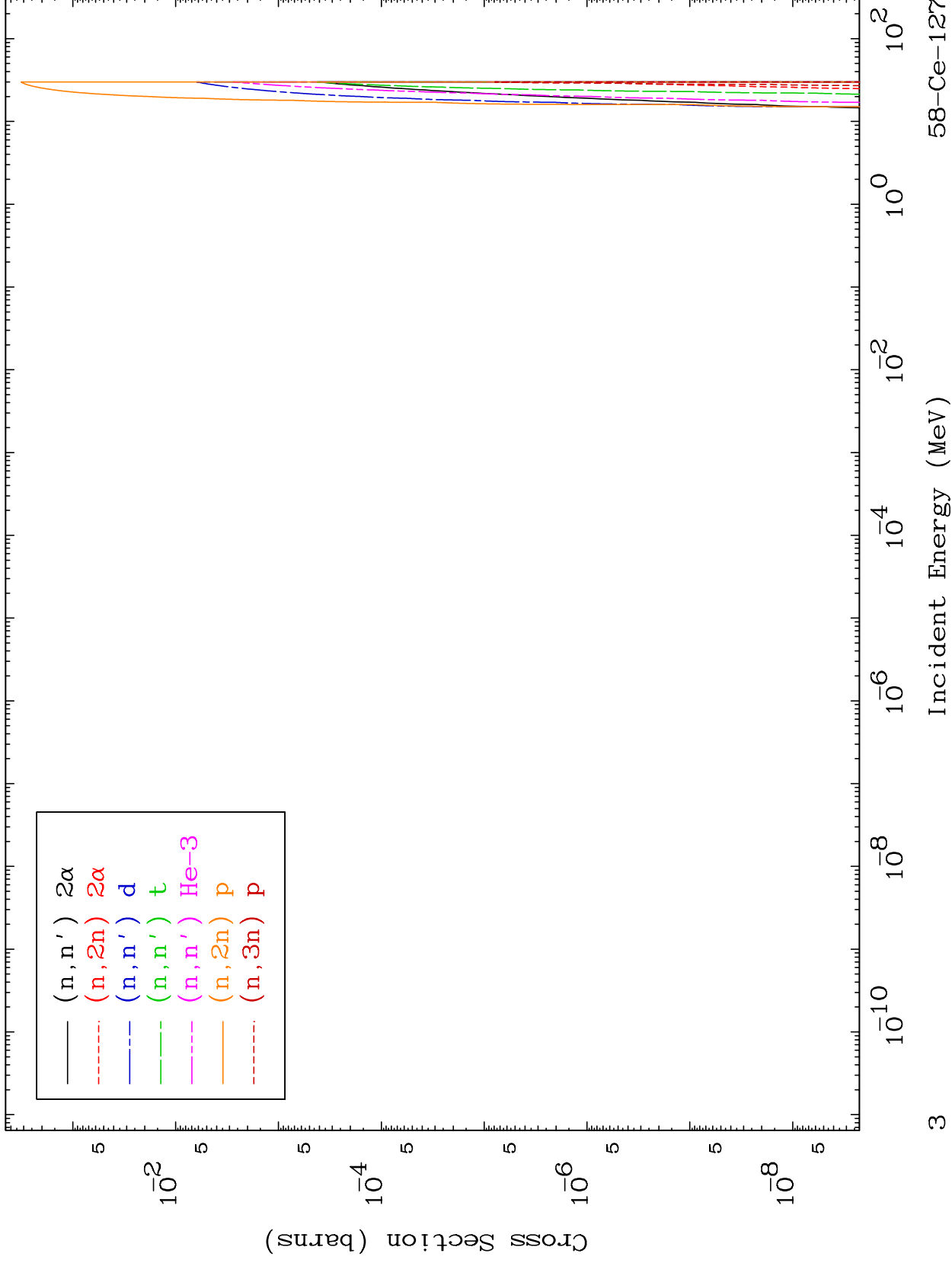
58-Ce-127



MAT 5799

Neutron Production
293 Kelvin Cross Sections

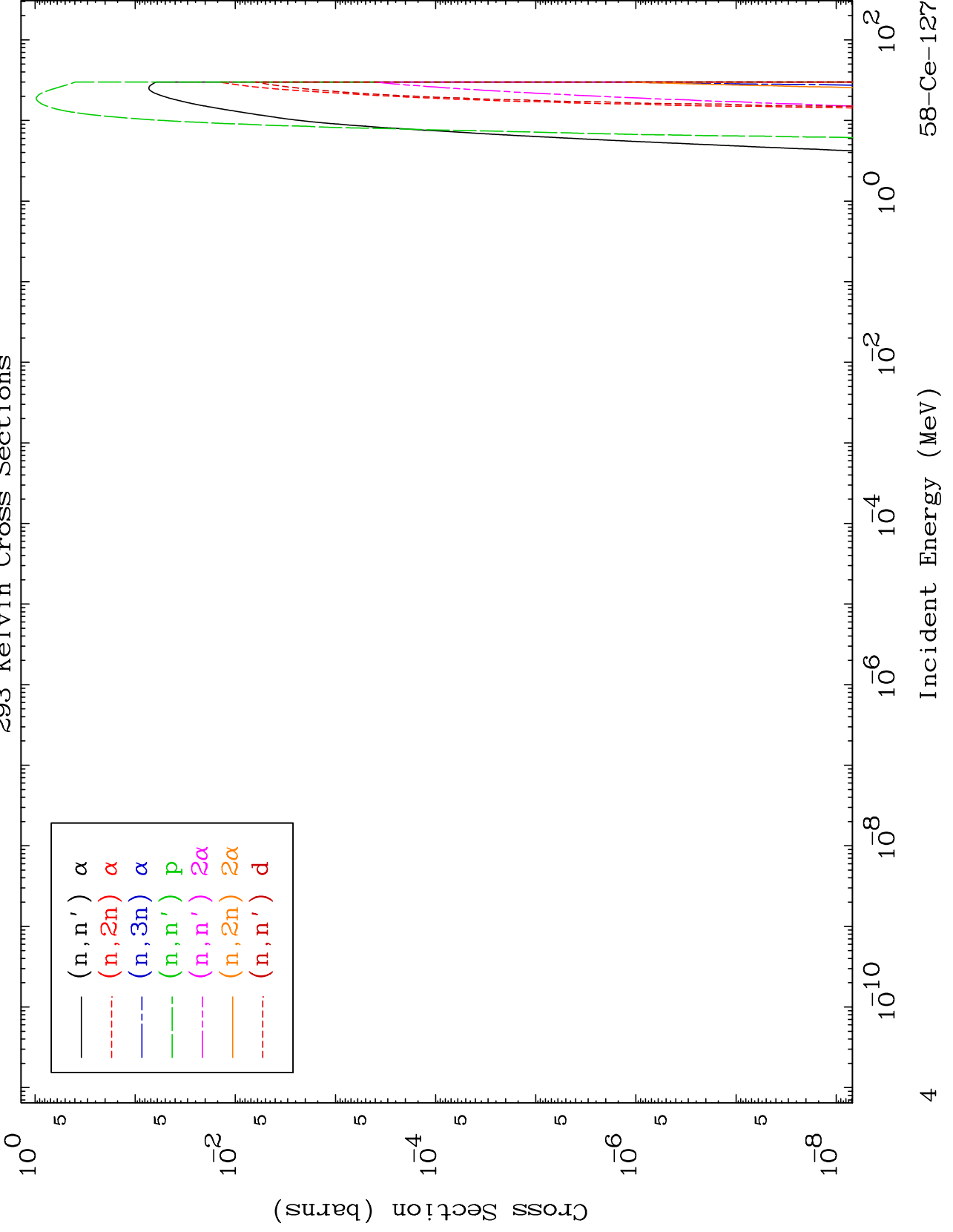
58-Ce-127



MAT 5799

Charged Particle
293 Kelvin Cross Sections

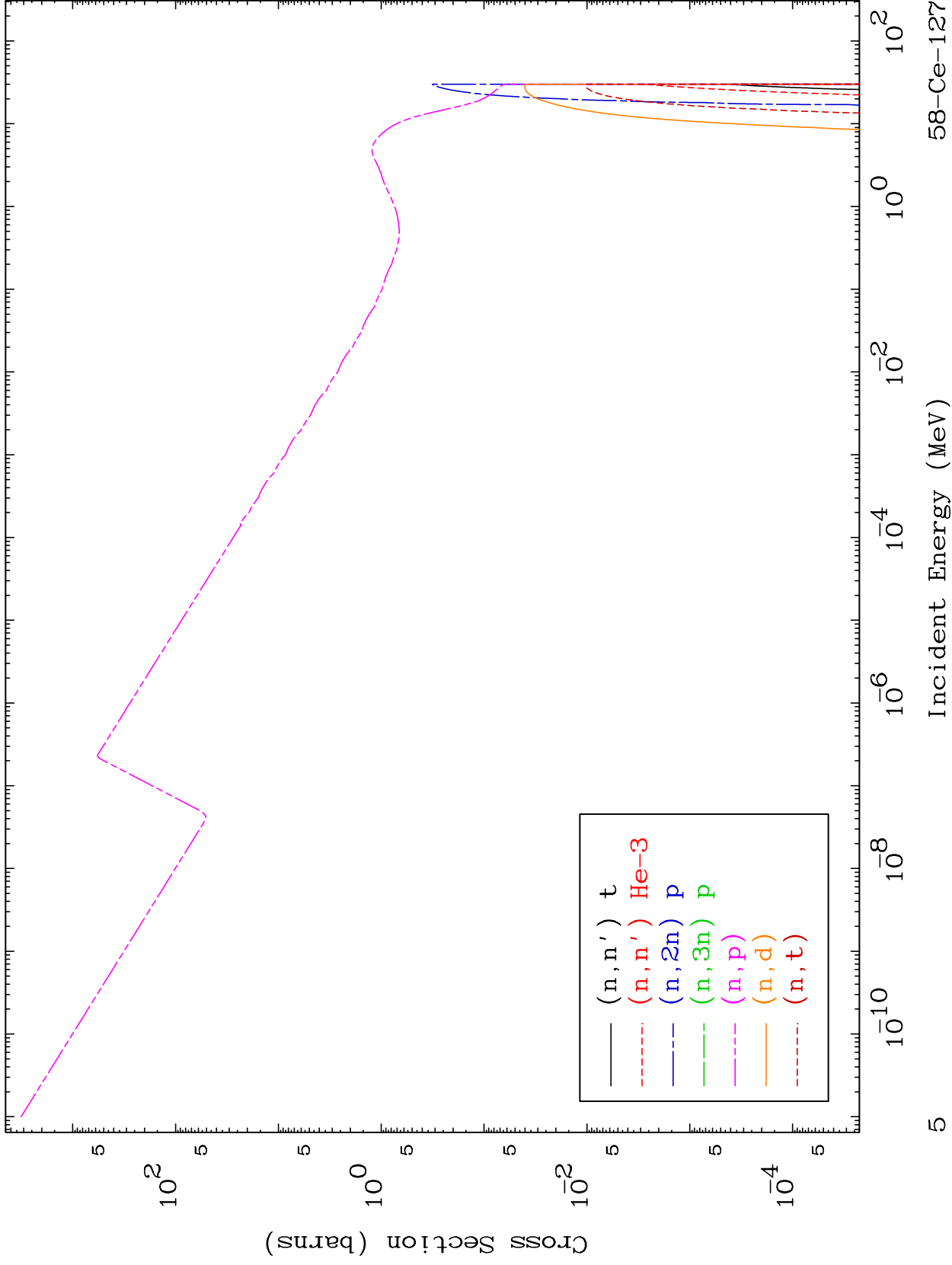
58-Ce-127

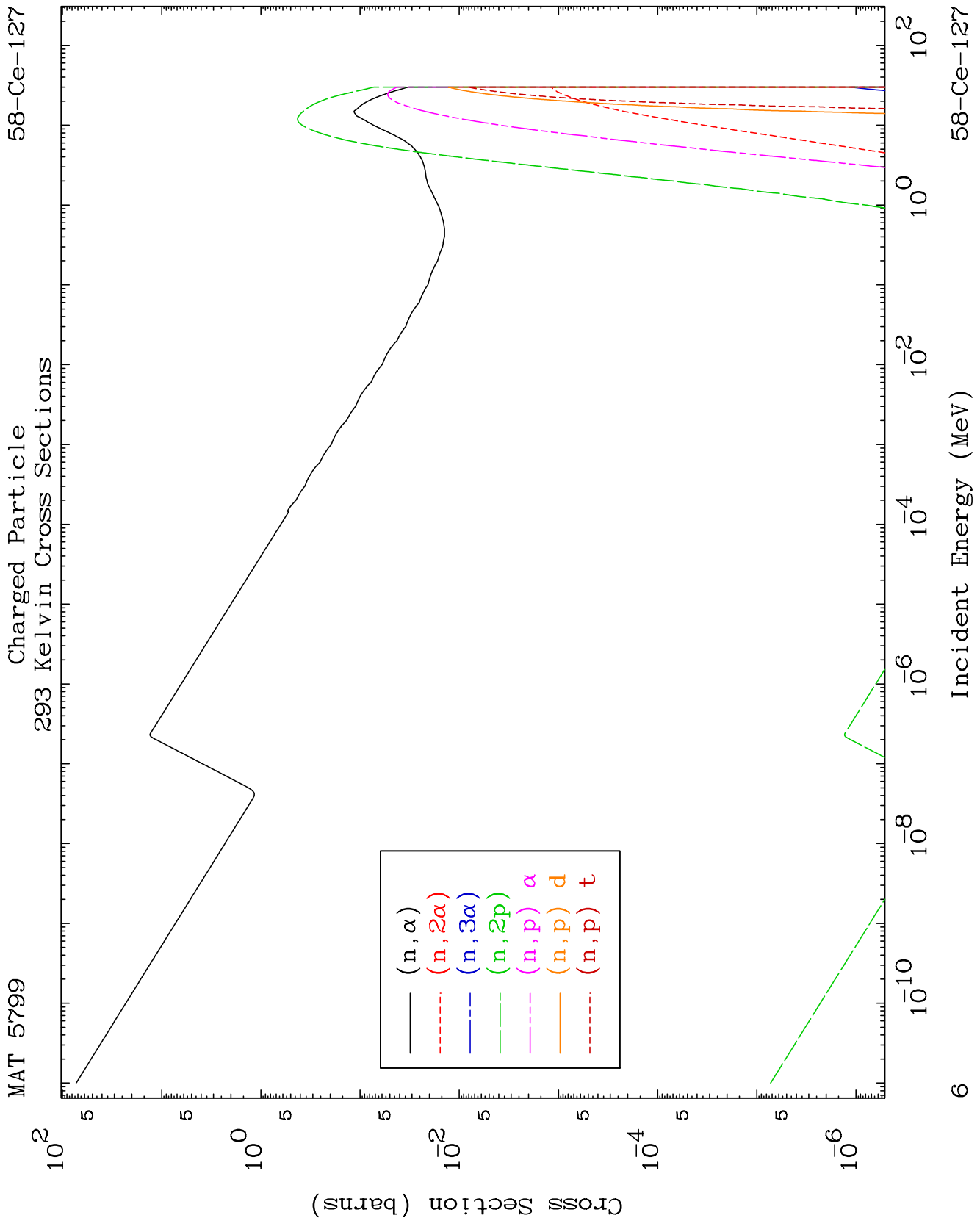


MAT 5799

Charged Particle
293 Kelvin Cross Sections

58-Ce-127

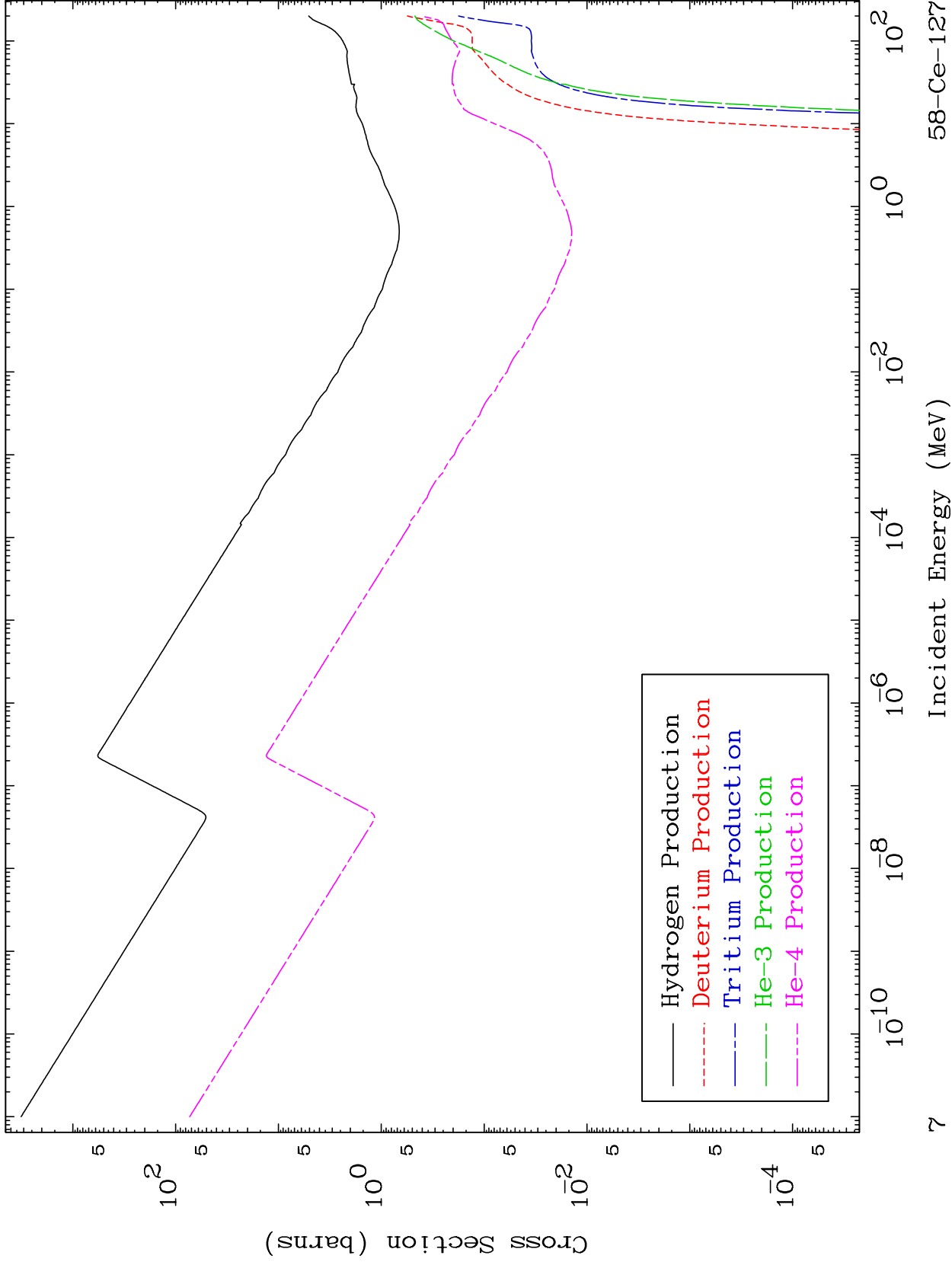


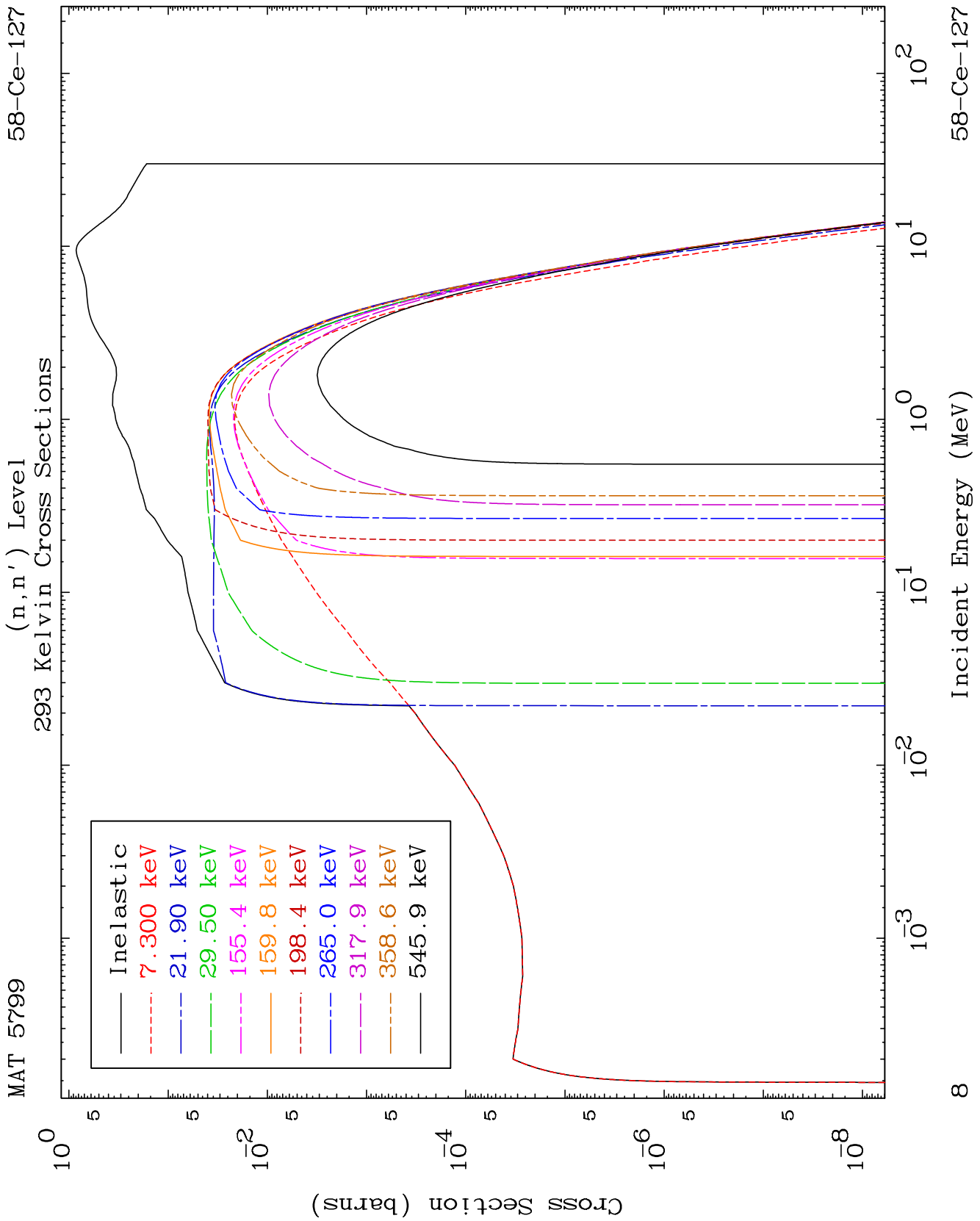


MAT 5799

Particle Production
293 Kelvin Cross Sections

58-Ce-127



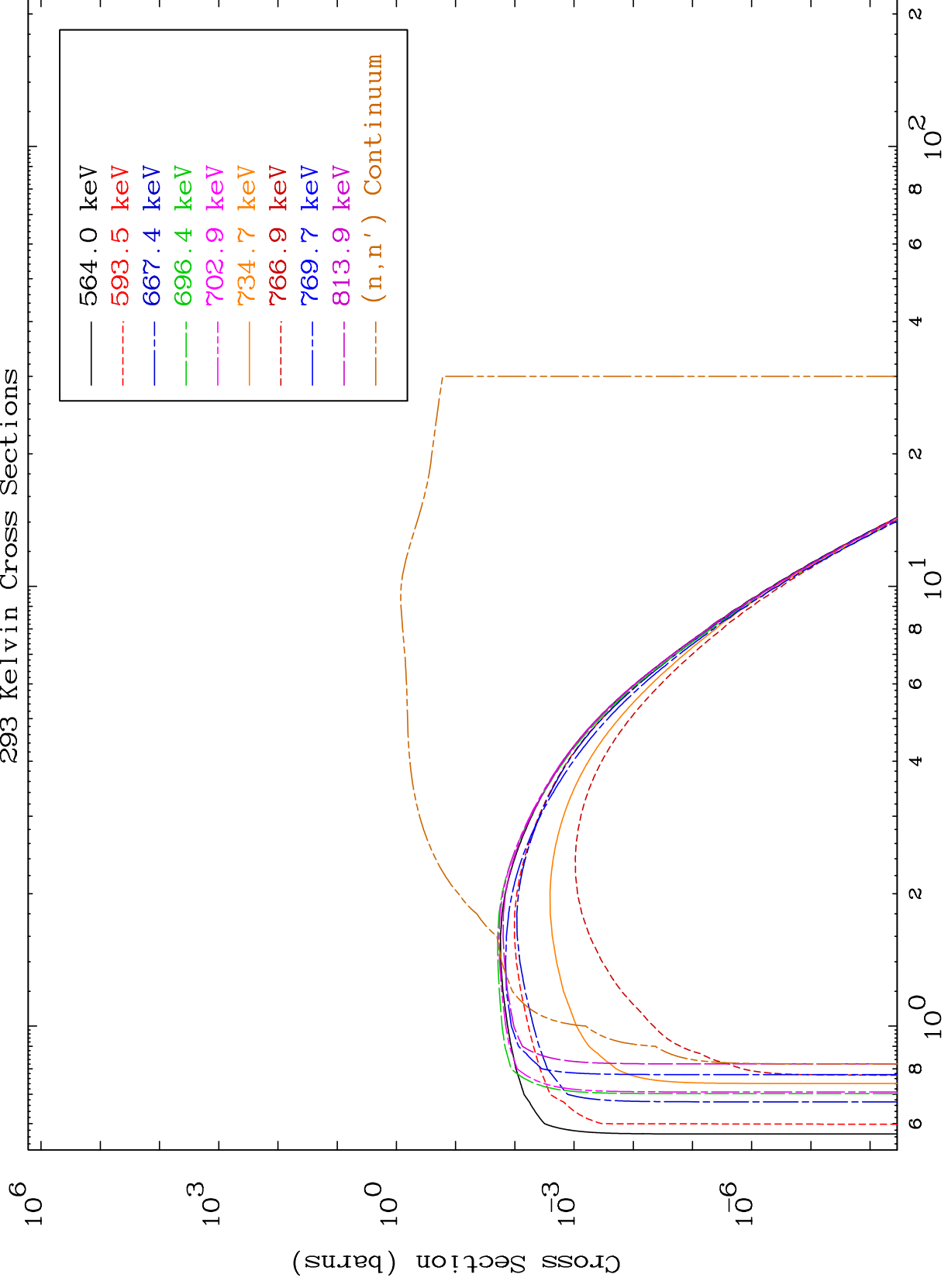


MAT 5799

(n,n') Level

58-Ce-127

293 Kelvin Cross Sections



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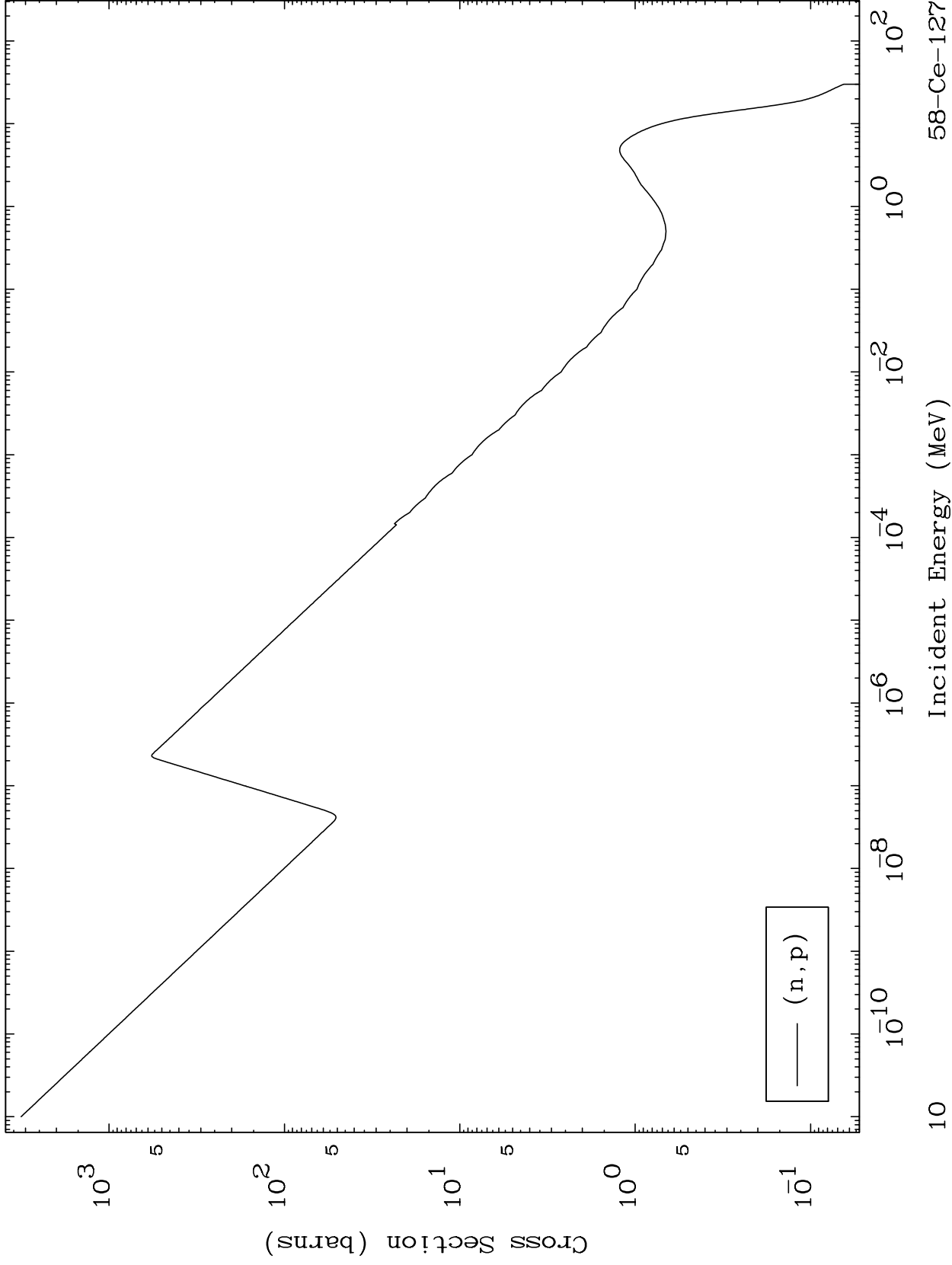
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-127



10

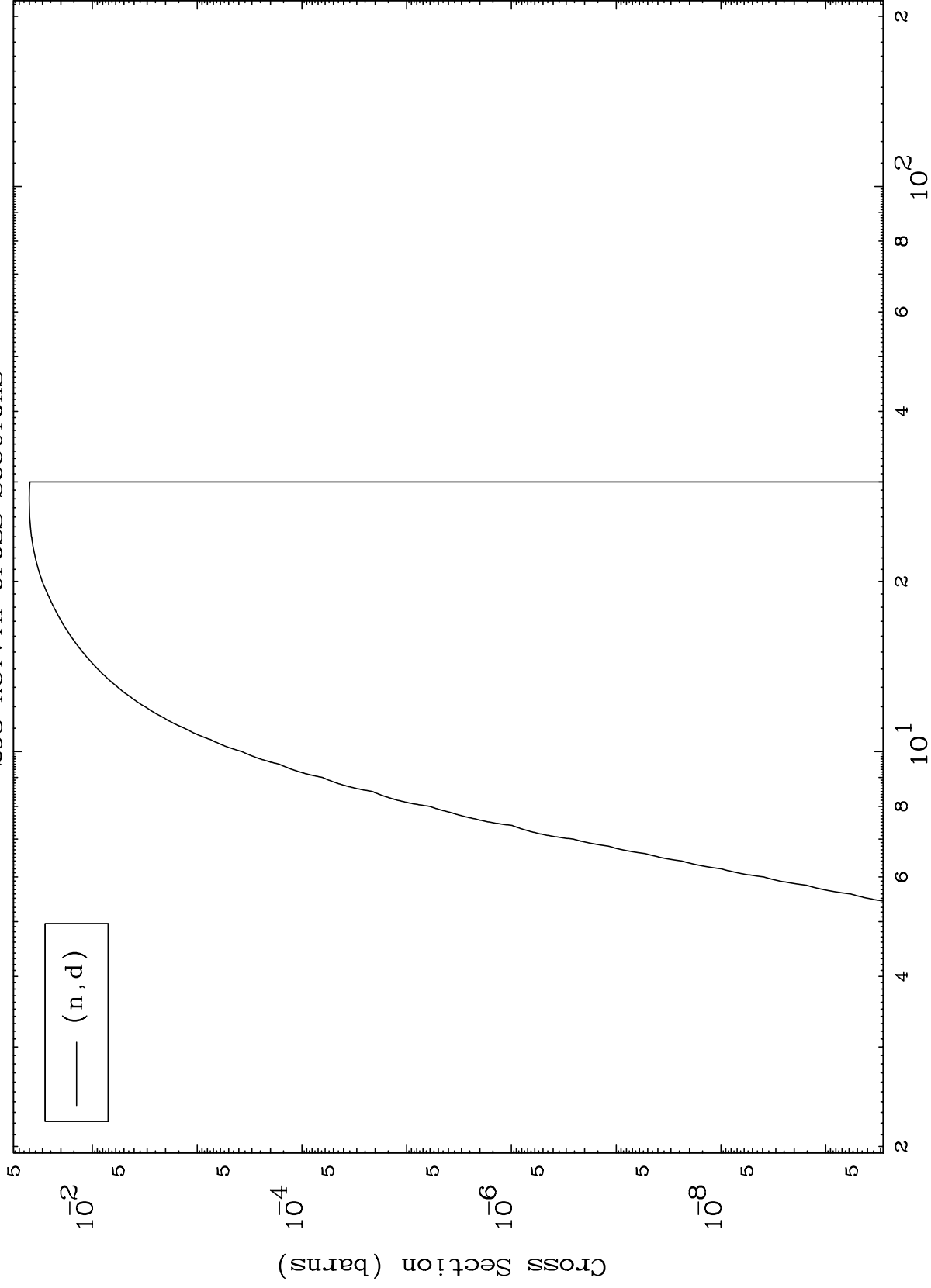
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-127



11

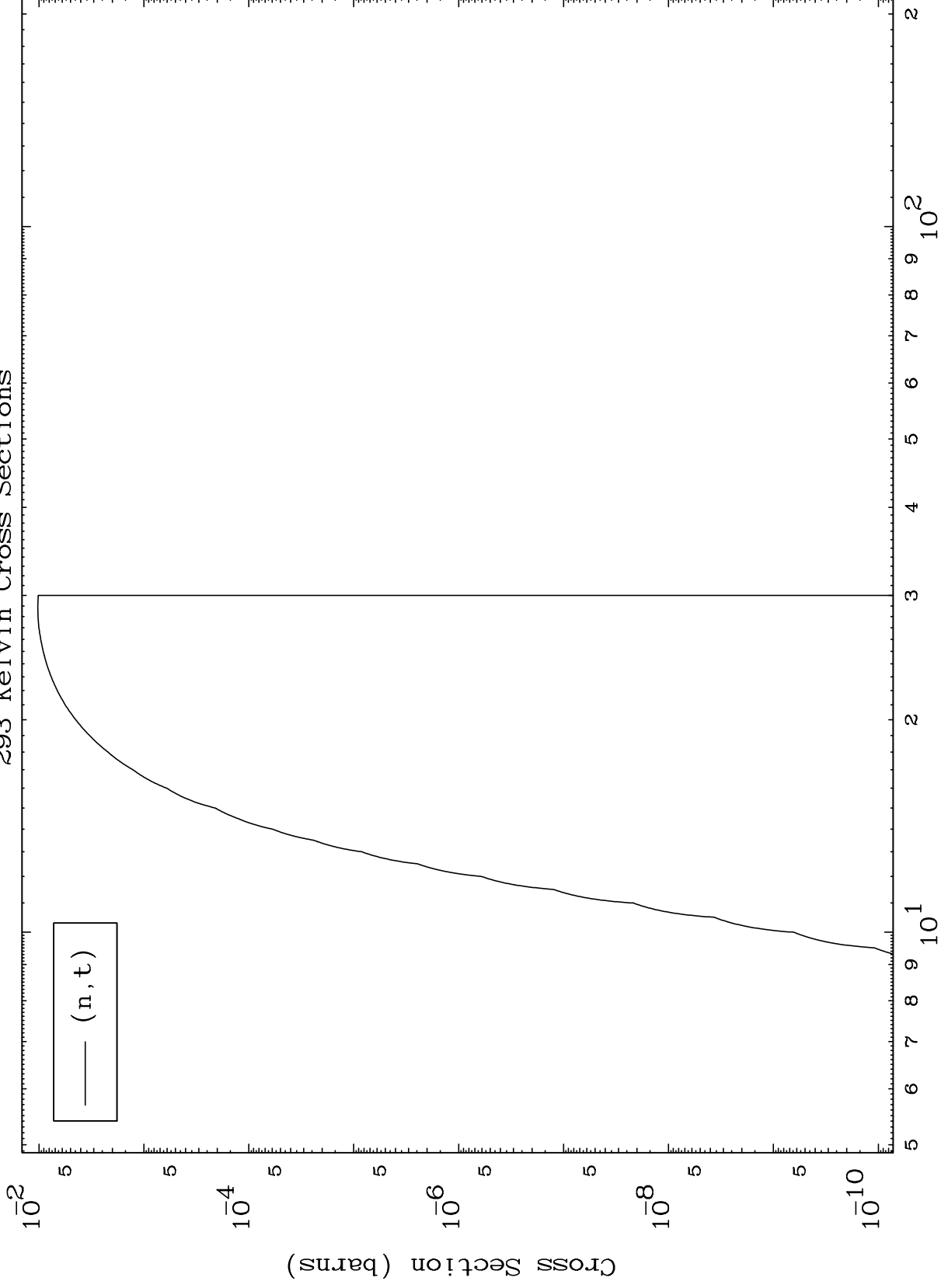
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-127



12

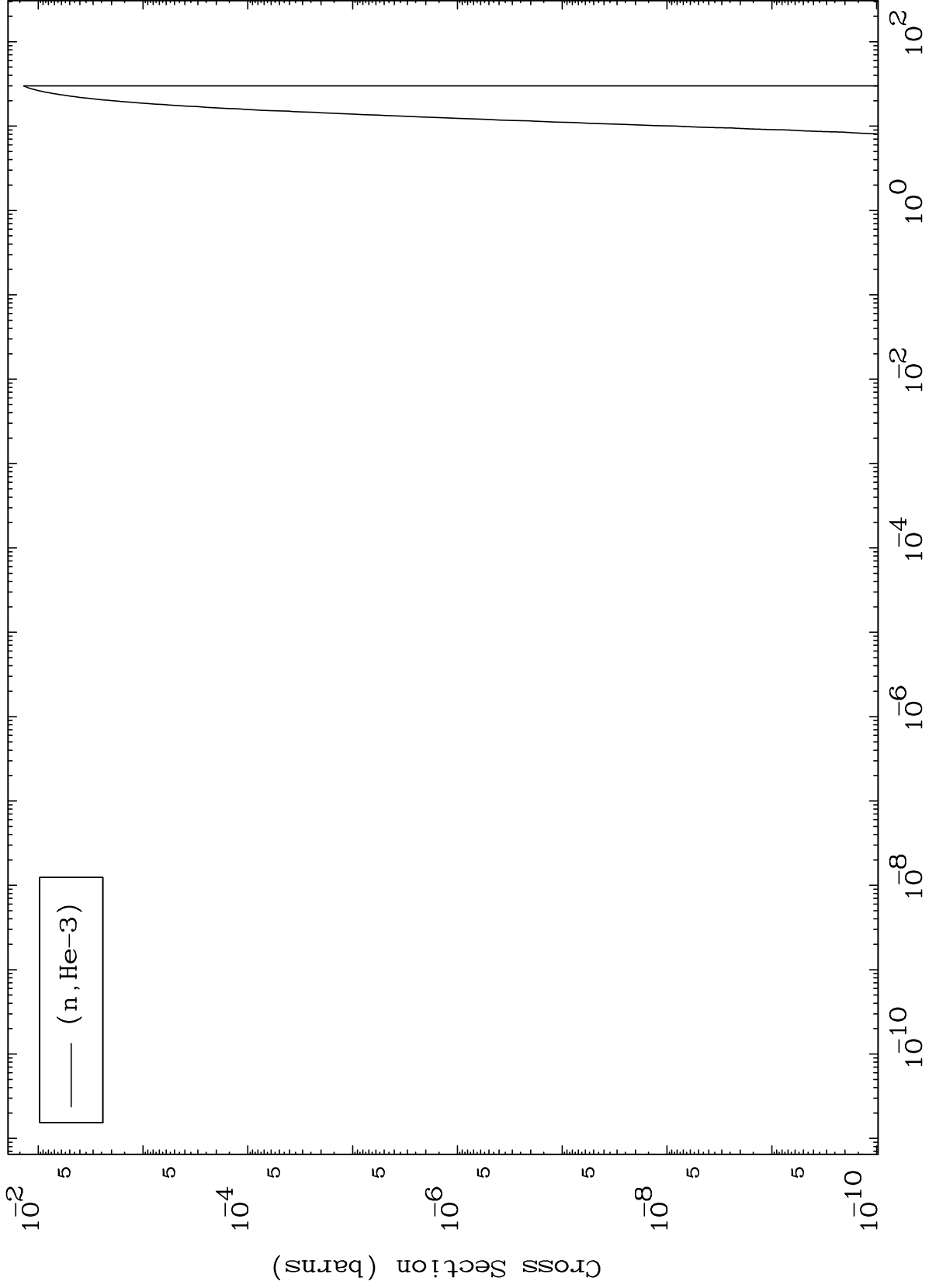
Incident Energy (MeV)

58-Ce-127

MAT 5799

(n,He3) Levels
293 Kelvin Cross Sections

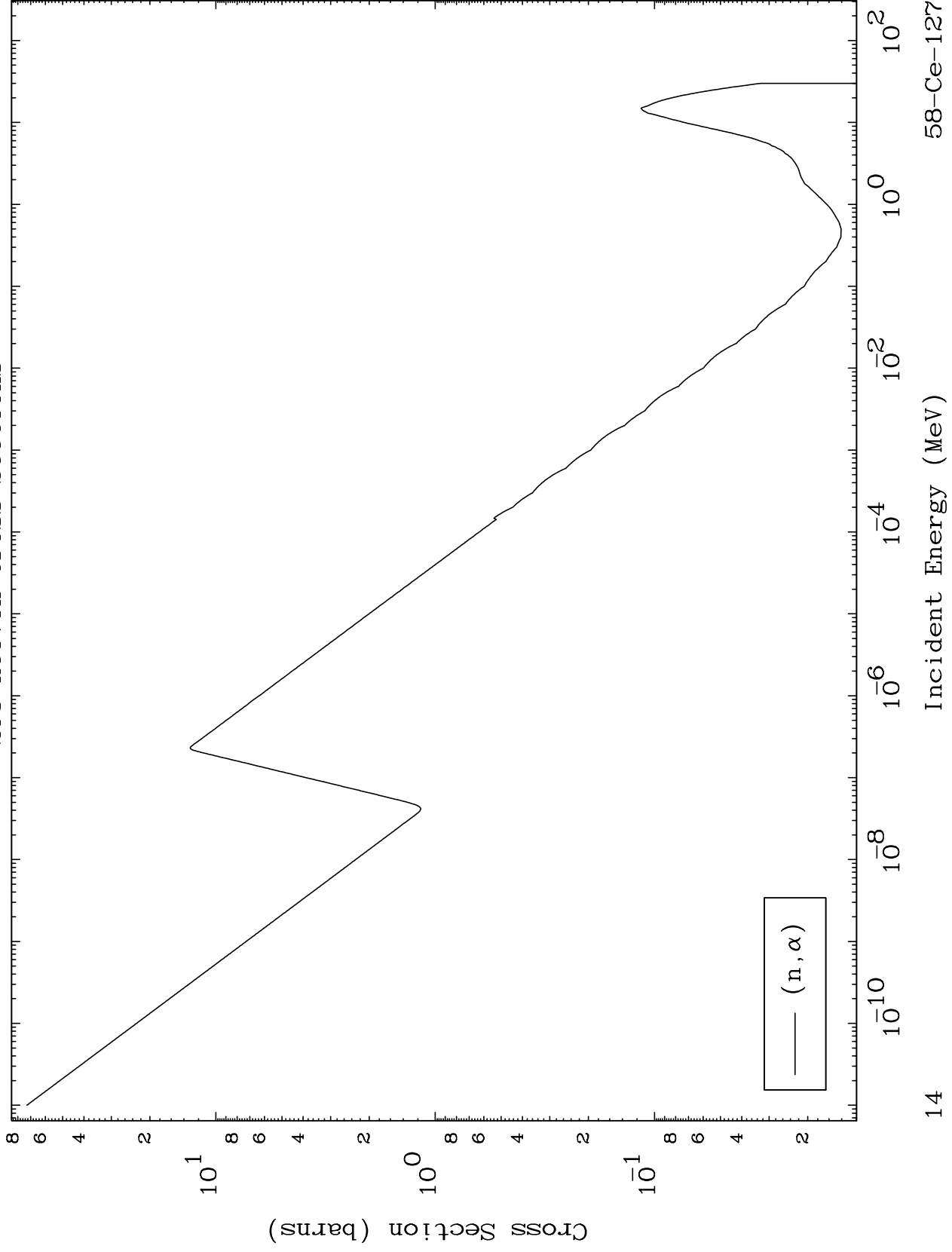
58-Ce-127

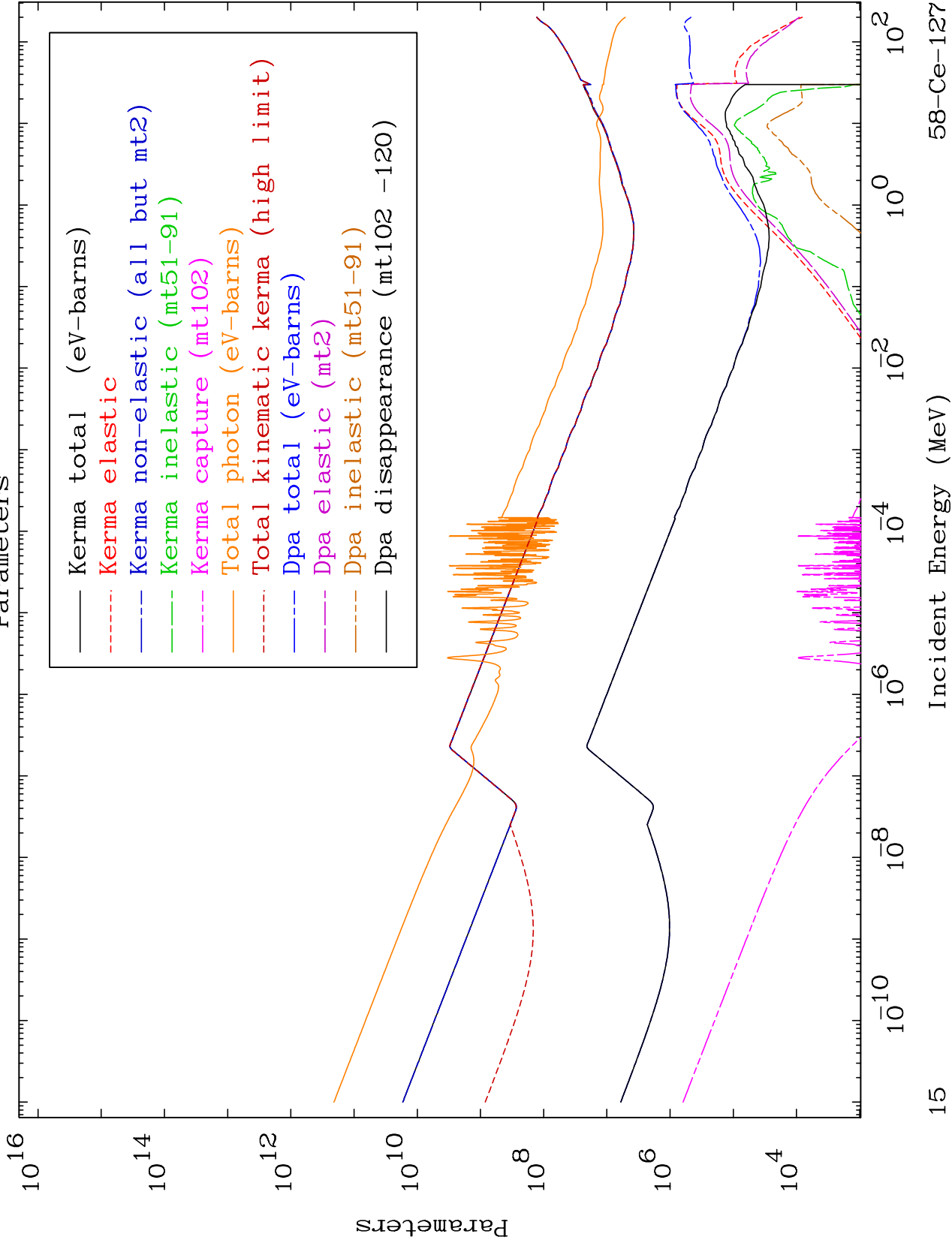


MAT 5799

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-127

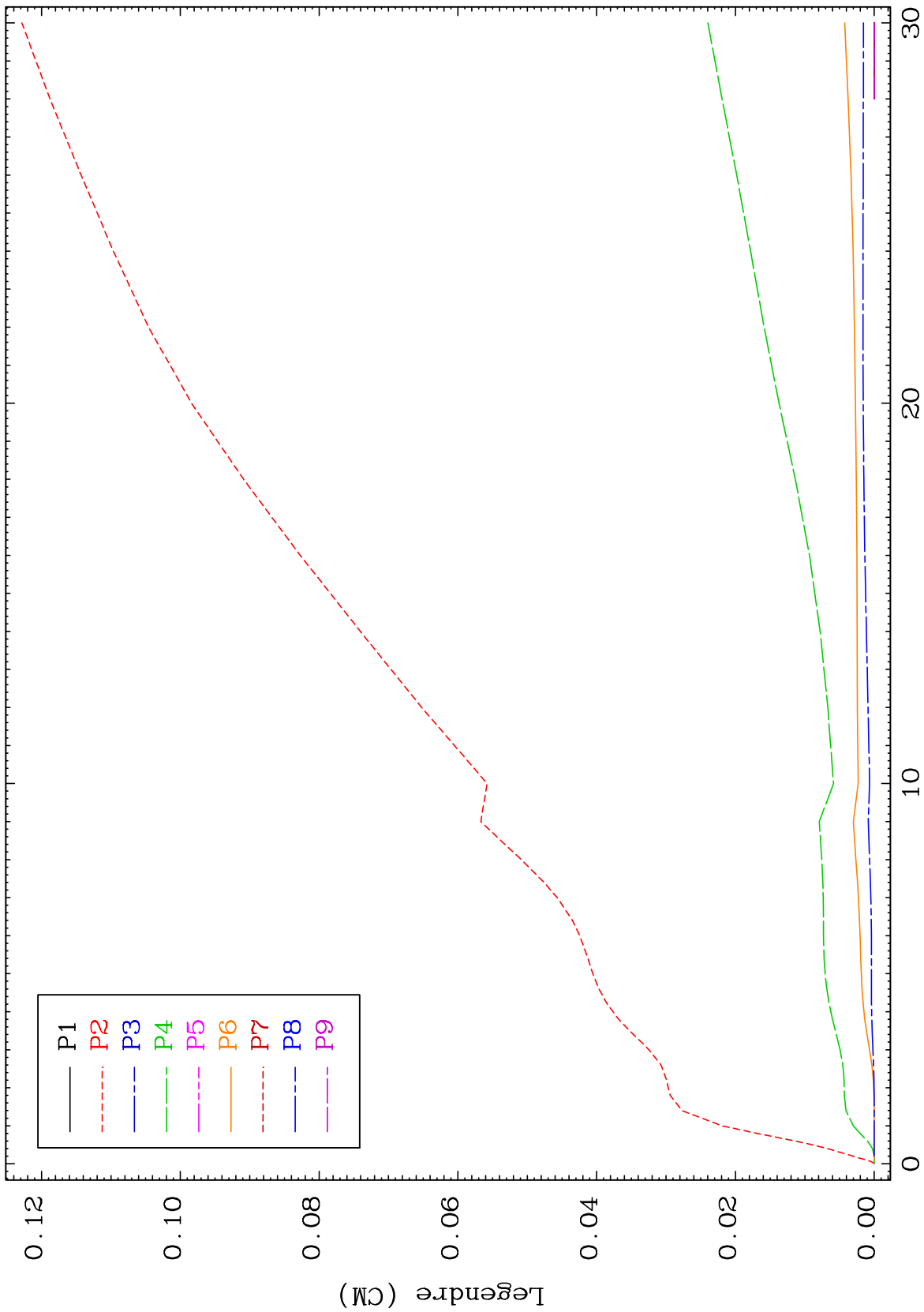




MAT 5799

Elastic Legendre Coefficients

58-Ce-127



16

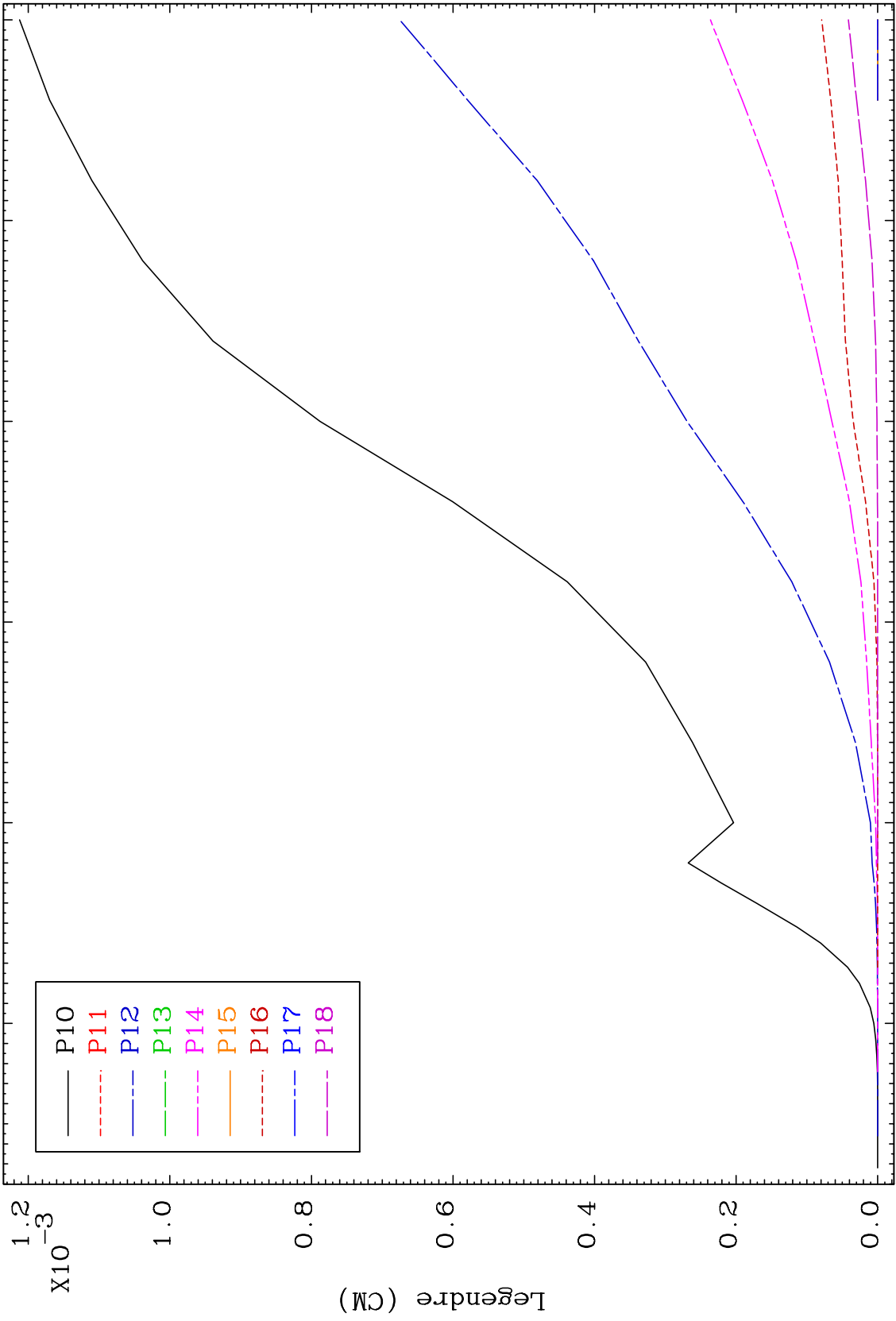
Incident Energy (MeV)

58-Ce-127

MAT 5799

Elastic Legendre Coefficients

58-Ce-127



17

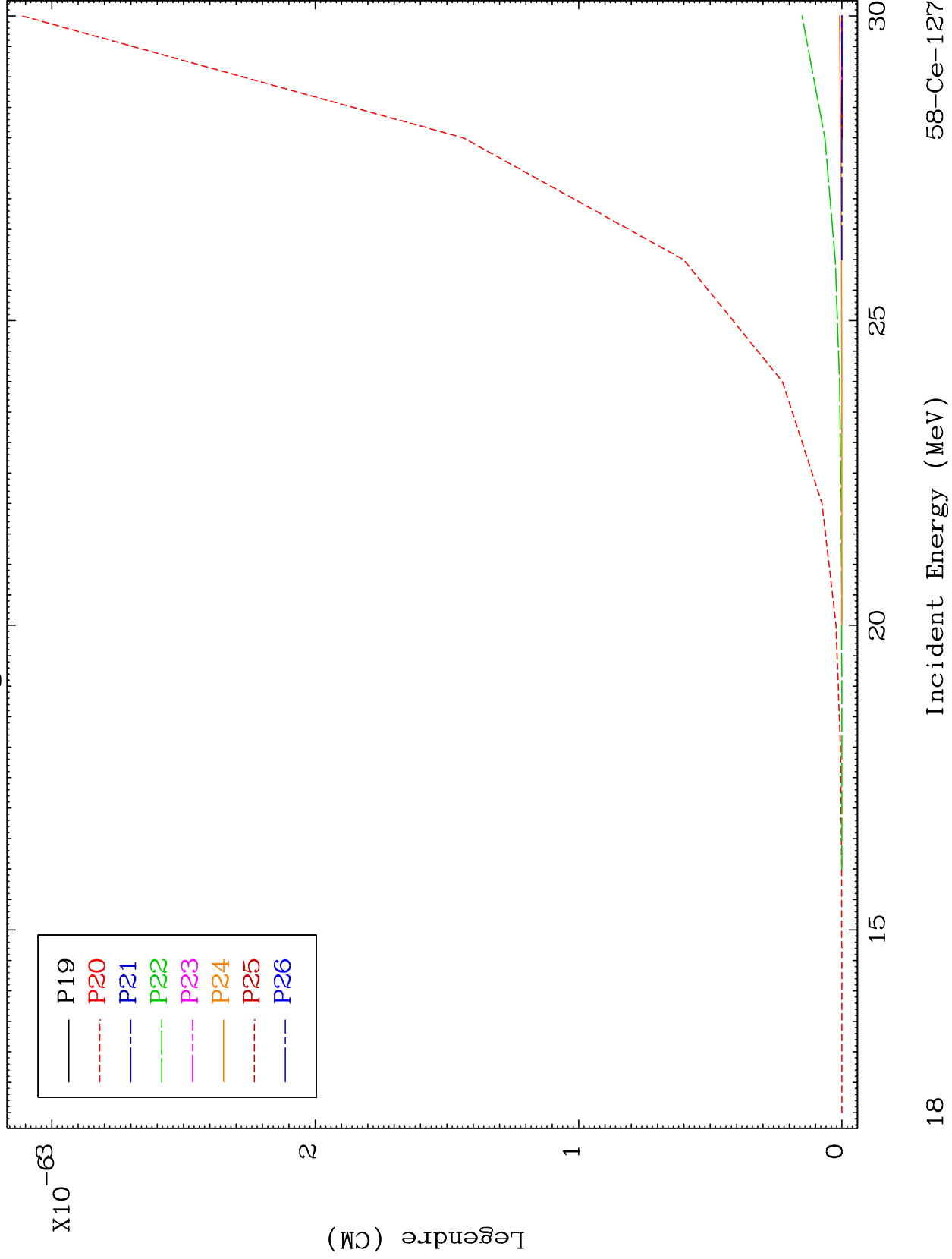
Incident Energy (MeV)

58-Ce-127

MAT 5799

Elastic
Legendre Coefficients

58-Ce-127



18

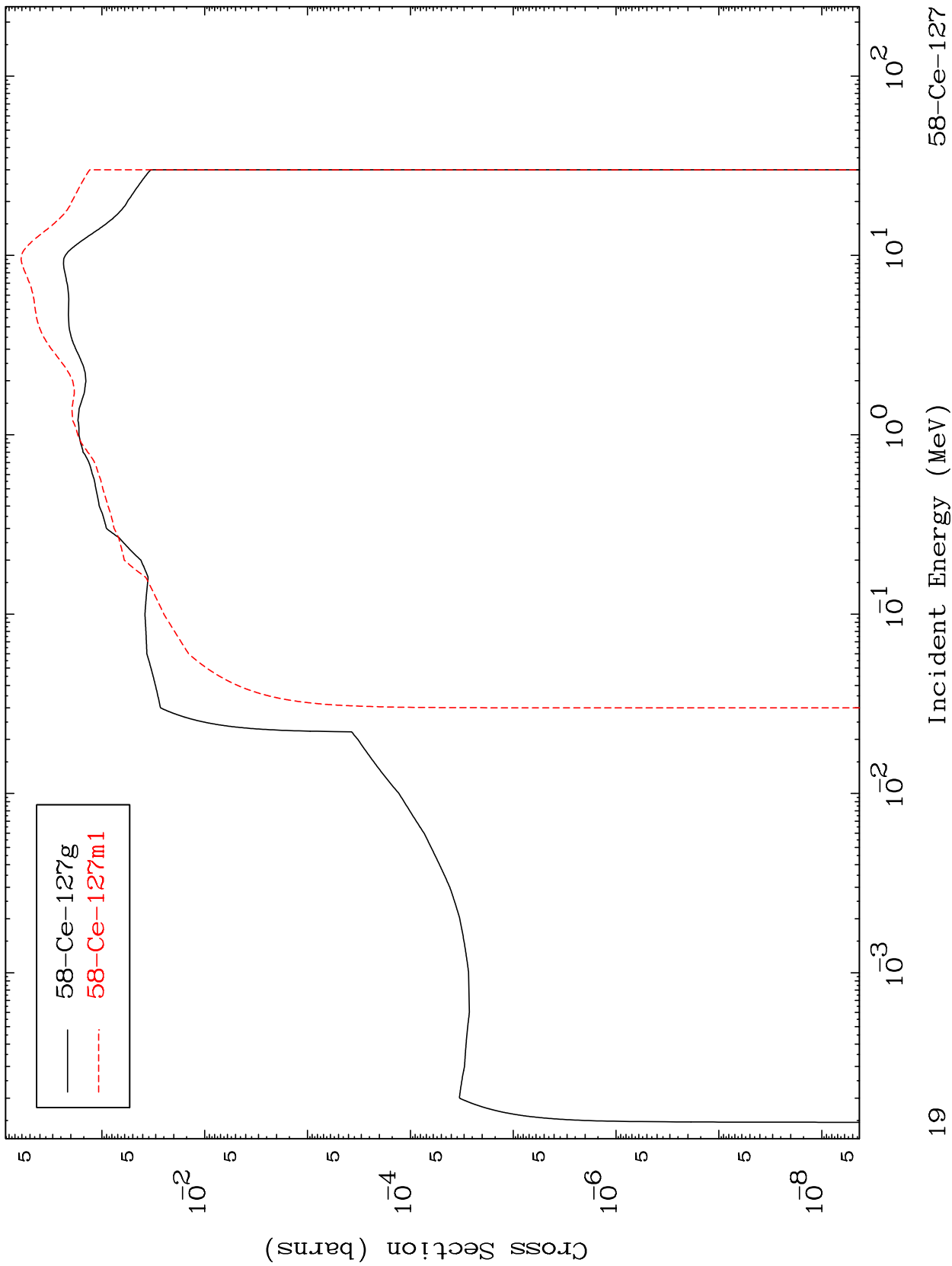
Incident Energy (MeV)

58-Ce-127

MAT 5799

58-Ce-127

Inelastic
Radionuclide Production Cross Section

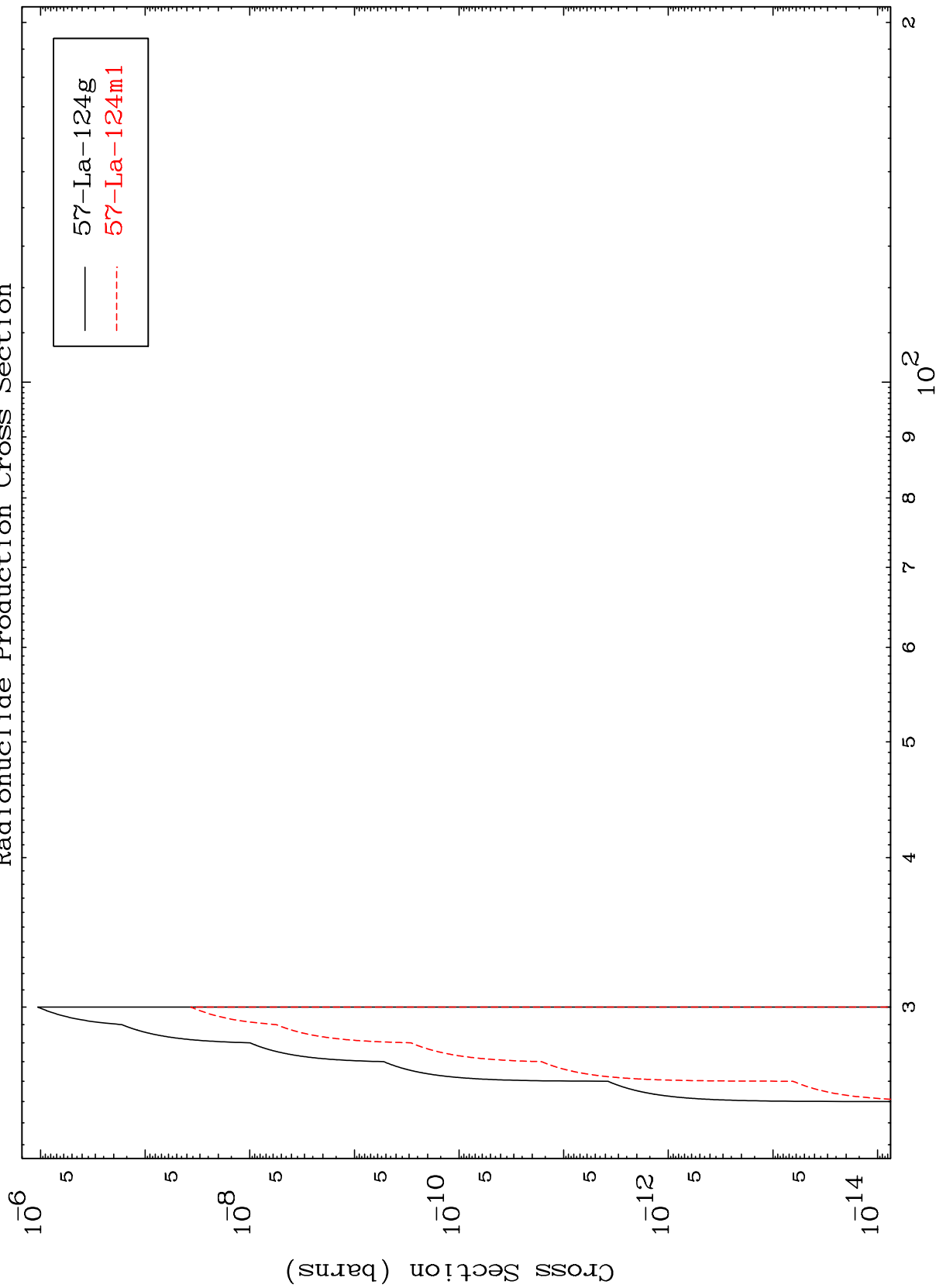


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(n,2n) d

58-Ce-127

Radionuclide Production Cross Section



57-La-124g
57-La-124m1

20

Incident Energy (MeV)

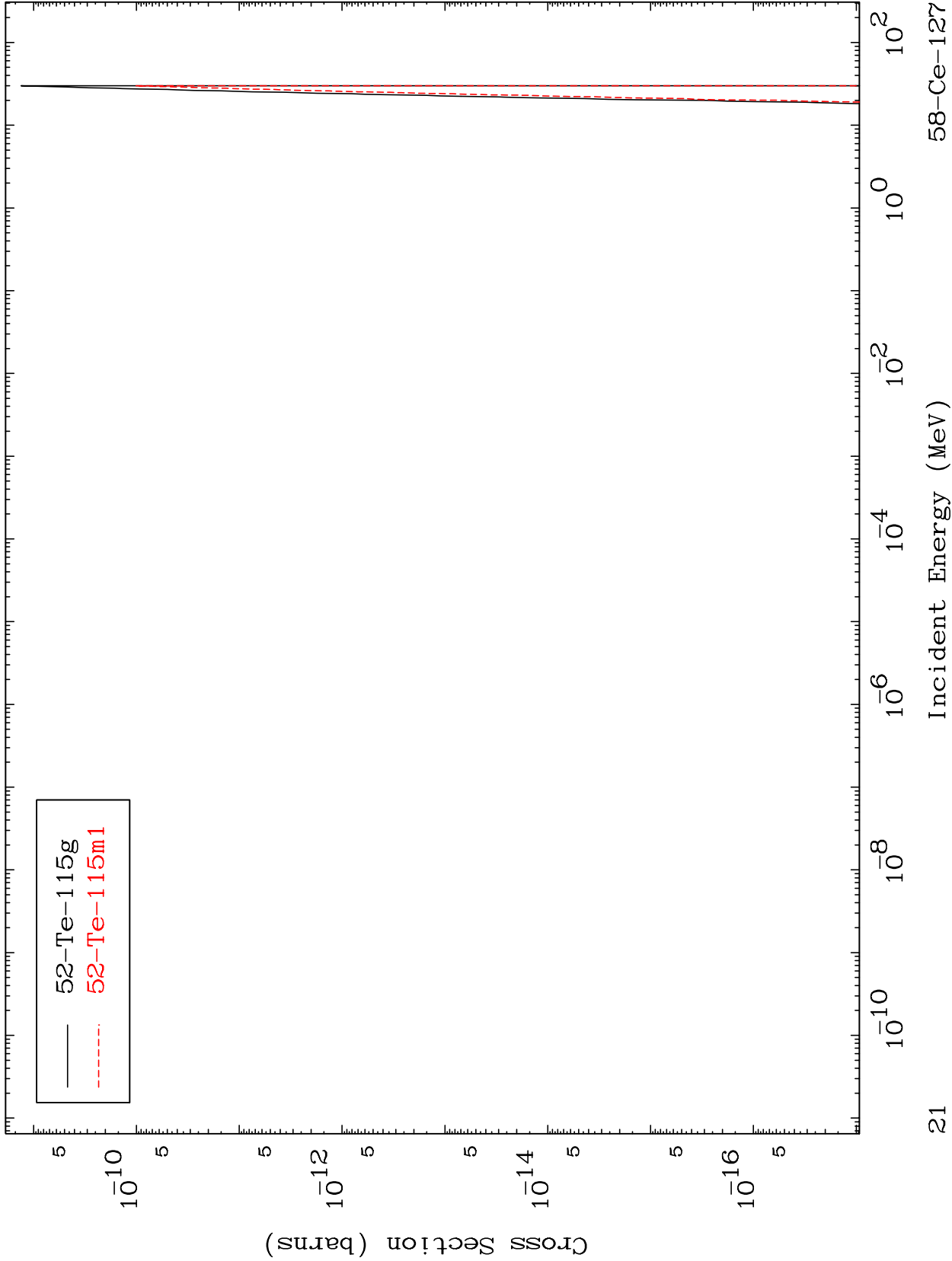
58-Ce-127

MAT 5799

(n,n') 3 α

58-Ce-127

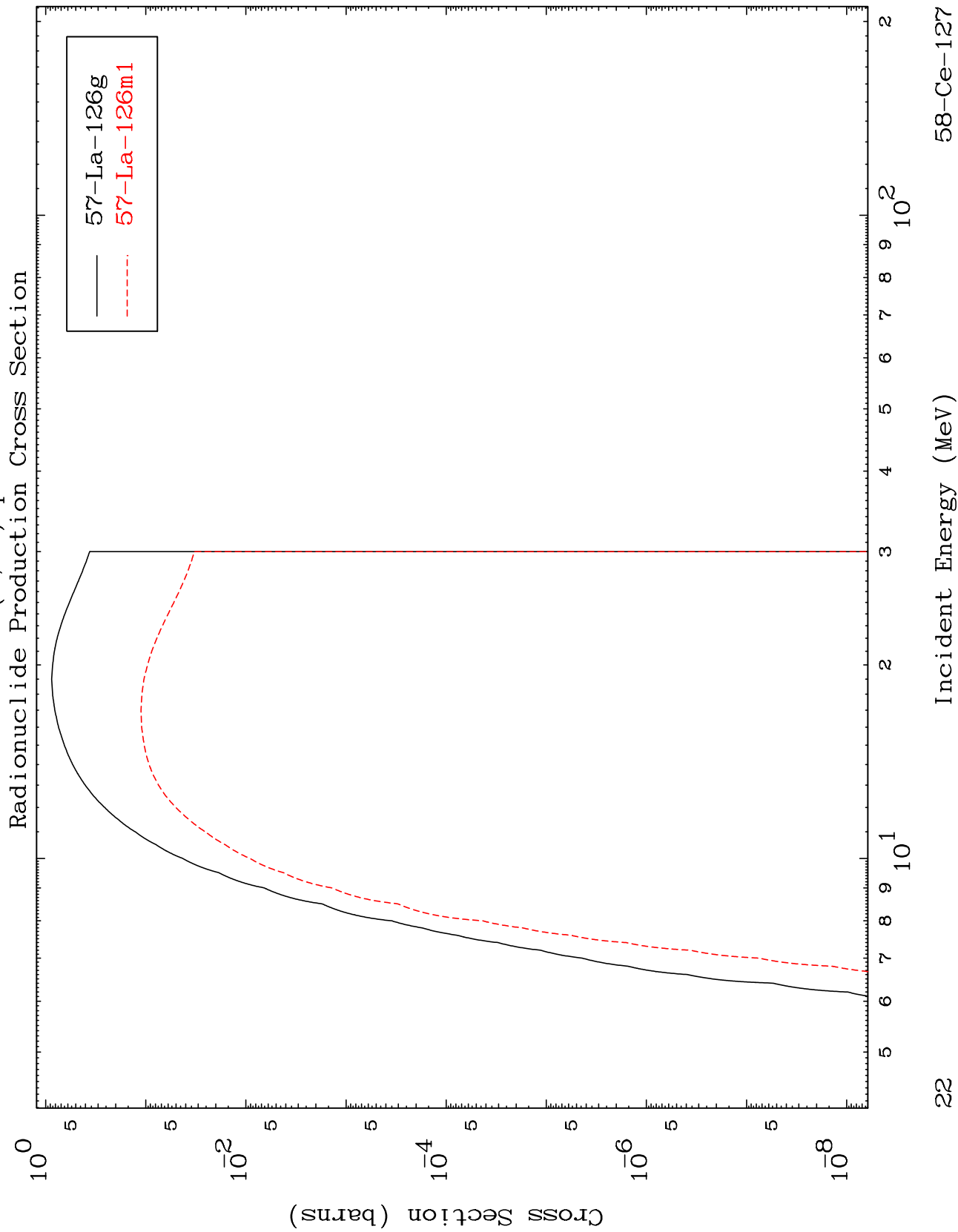
Radionuclide Production Cross Section



MAT 5799

(n,n') p

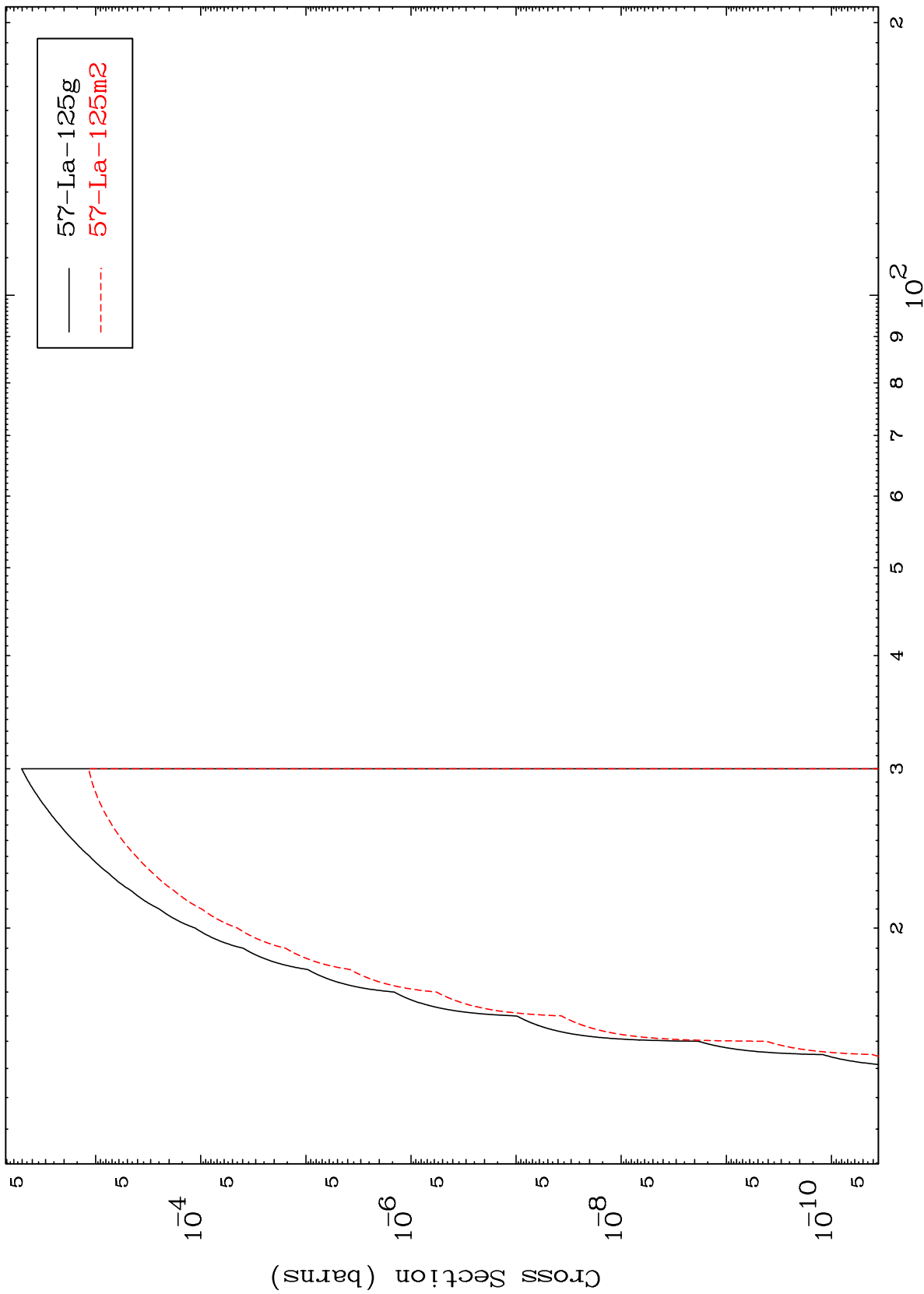
58-Ce-127



22

58-Ce-127

Radionuclide Production Cross Section

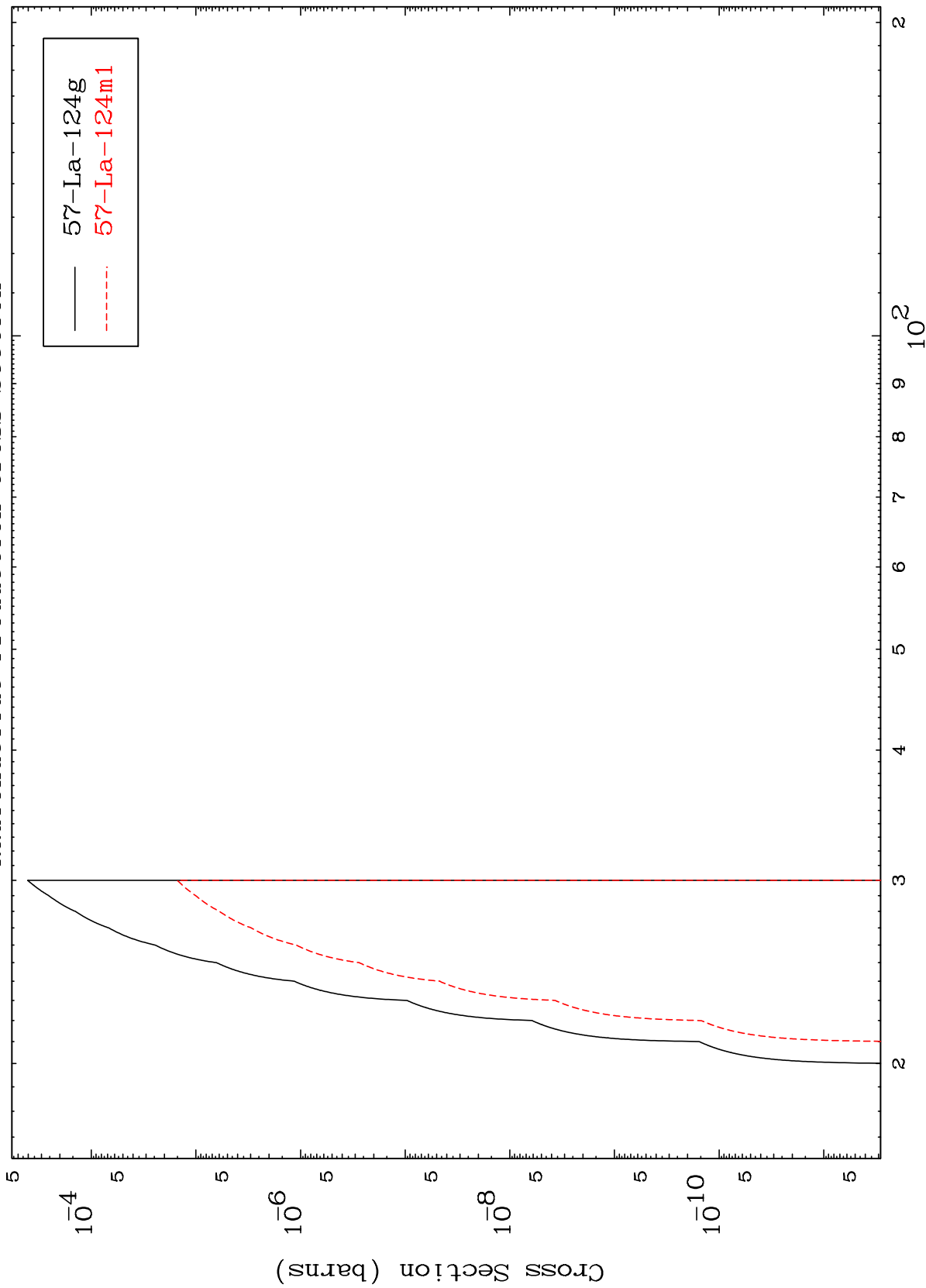


MAT 5799

(n,n') t

58-Ce-127

Radionuclide Production Cross Section



24

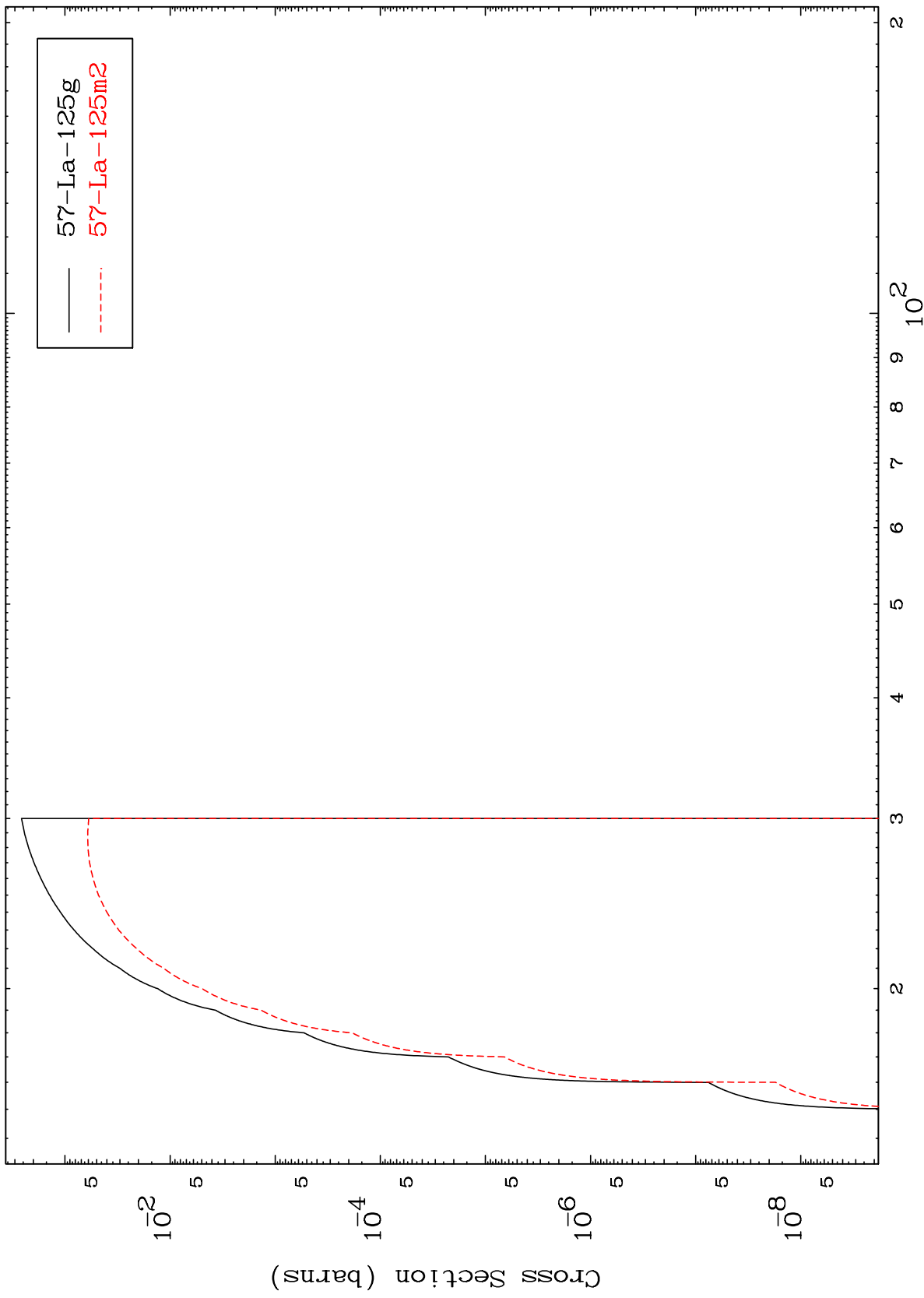
Incident Energy (MeV)

58-Ce-127

MAT 5799

58-Ce-127

(n,2n) p
Radionuclide Production Cross Section



25

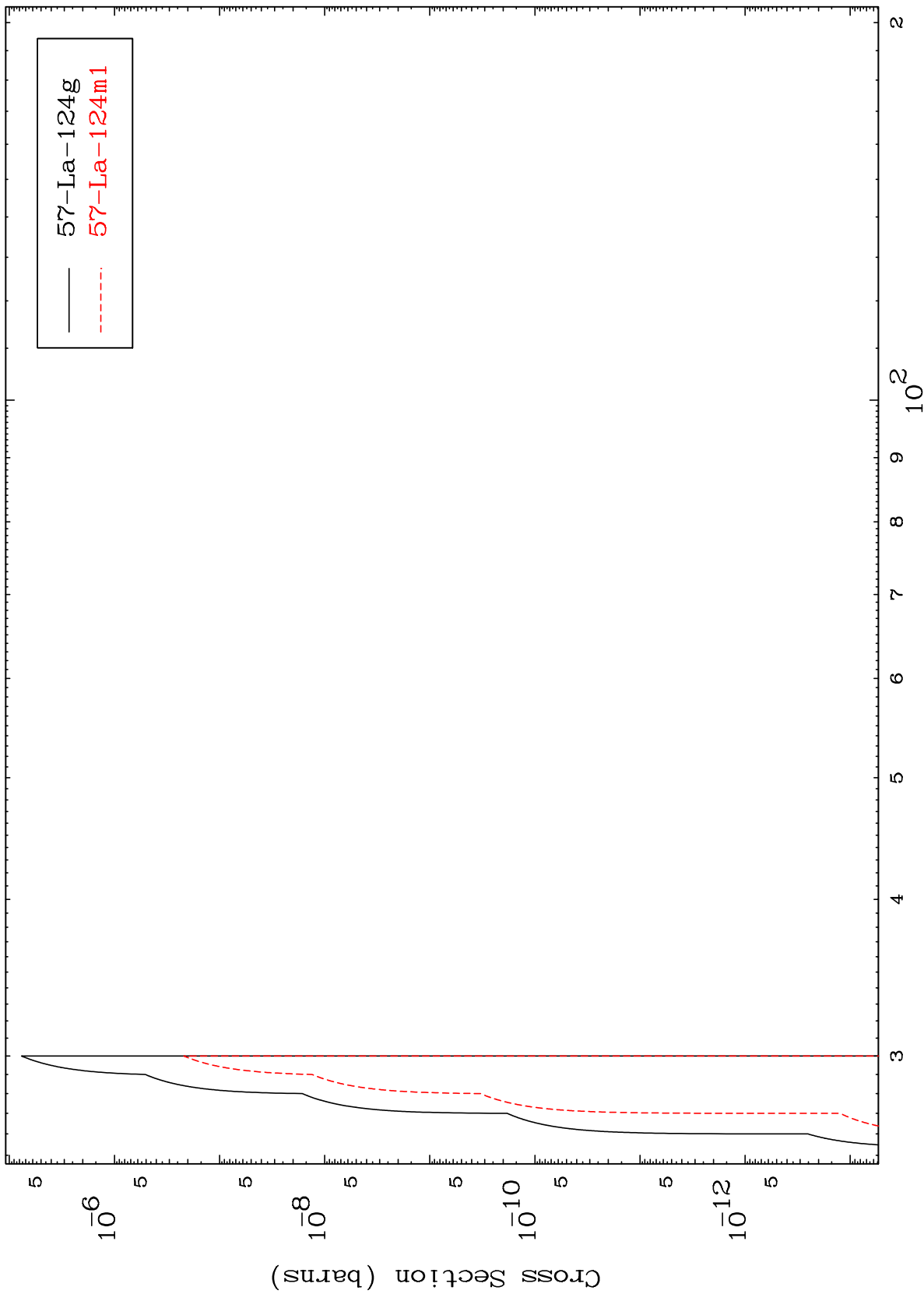
Incident Energy (MeV)

58-Ce-127

MAT 5799

58-Ce-127

(n,3n) p
Radionuclide Production Cross Section



58-Ce-127

Incident Energy (MeV)

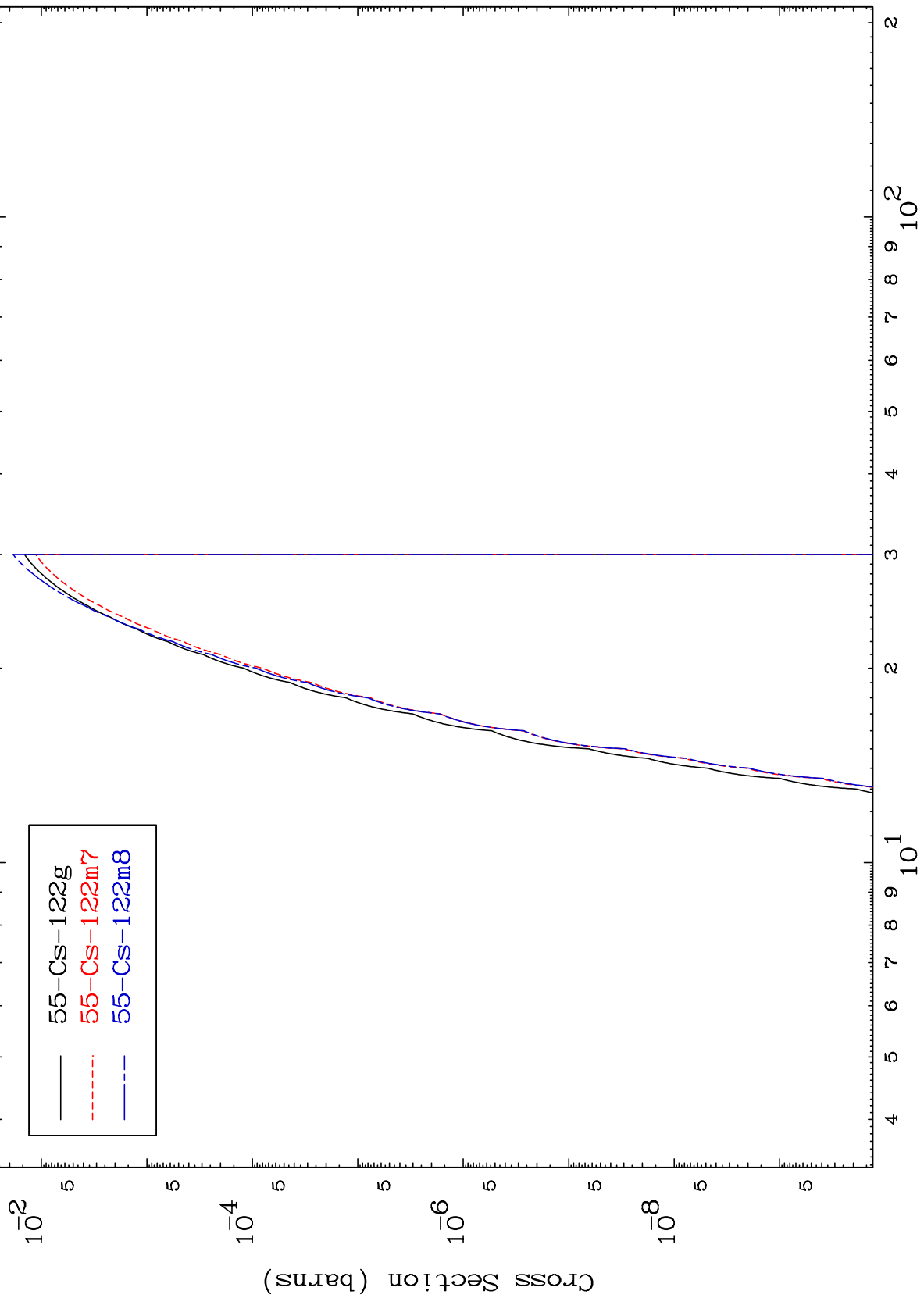
26

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(n,n') p α

58-Ce-127

Radionuclide Production Cross Section



27

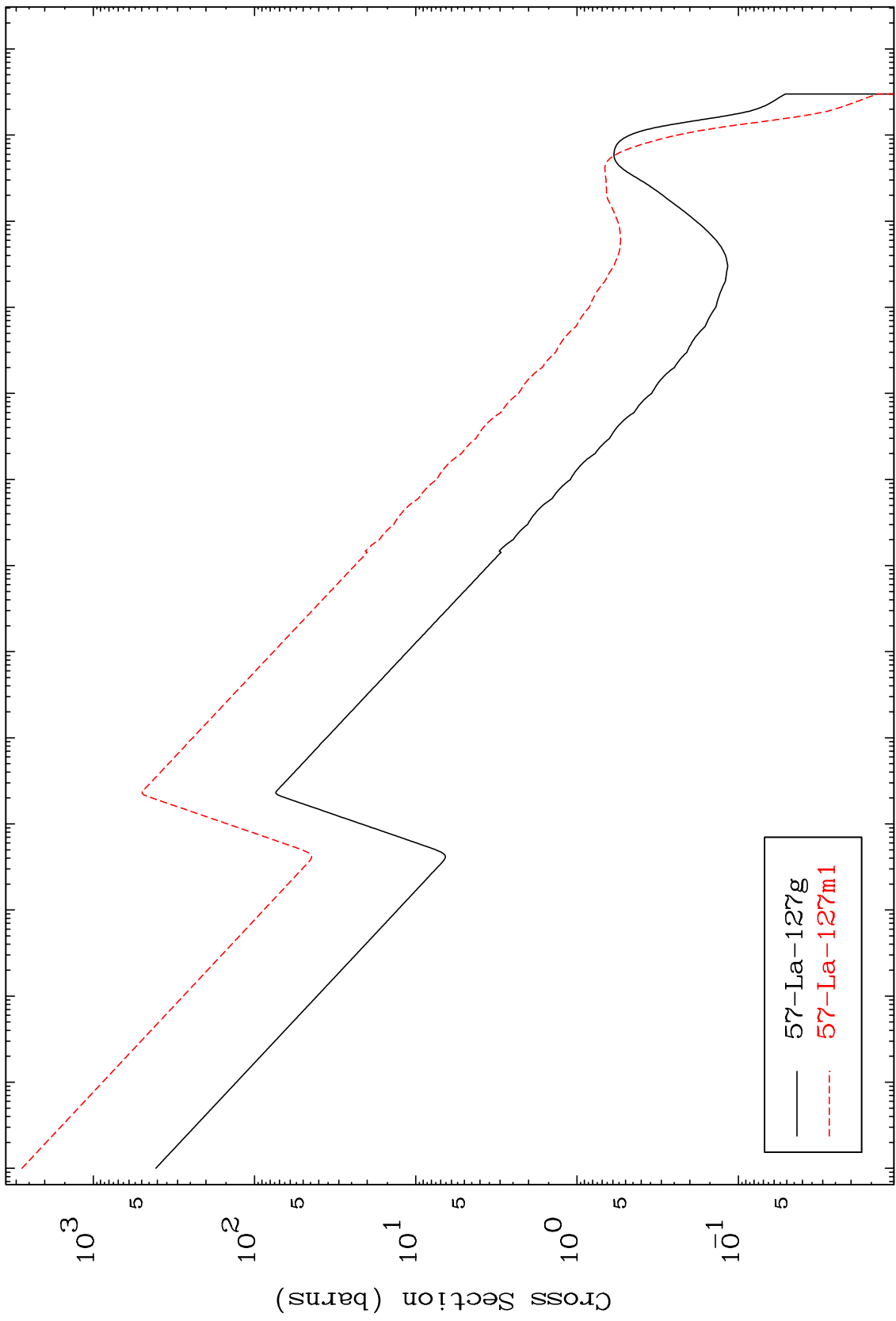
Incident Energy (MeV)

58-Ce-127

MAT 5799

58-Ce-127

Radionuclide Production Cross Section



Incident Energy (MeV)

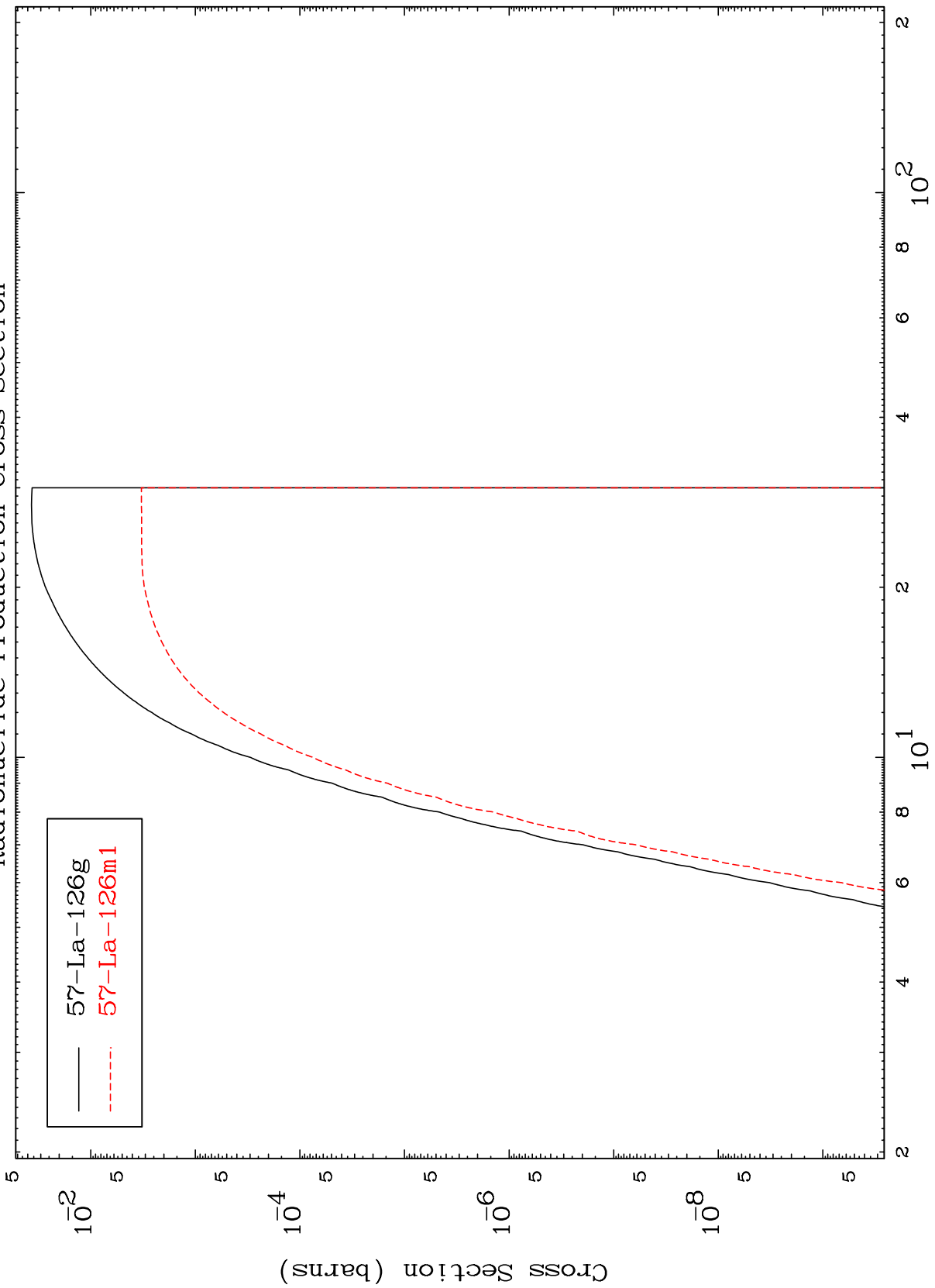
58-Ce-127

28

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58-Ce-127

(n,d)
Radionuclide Production Cross Section



— 57-La-126g
- - - 57-La-126m1

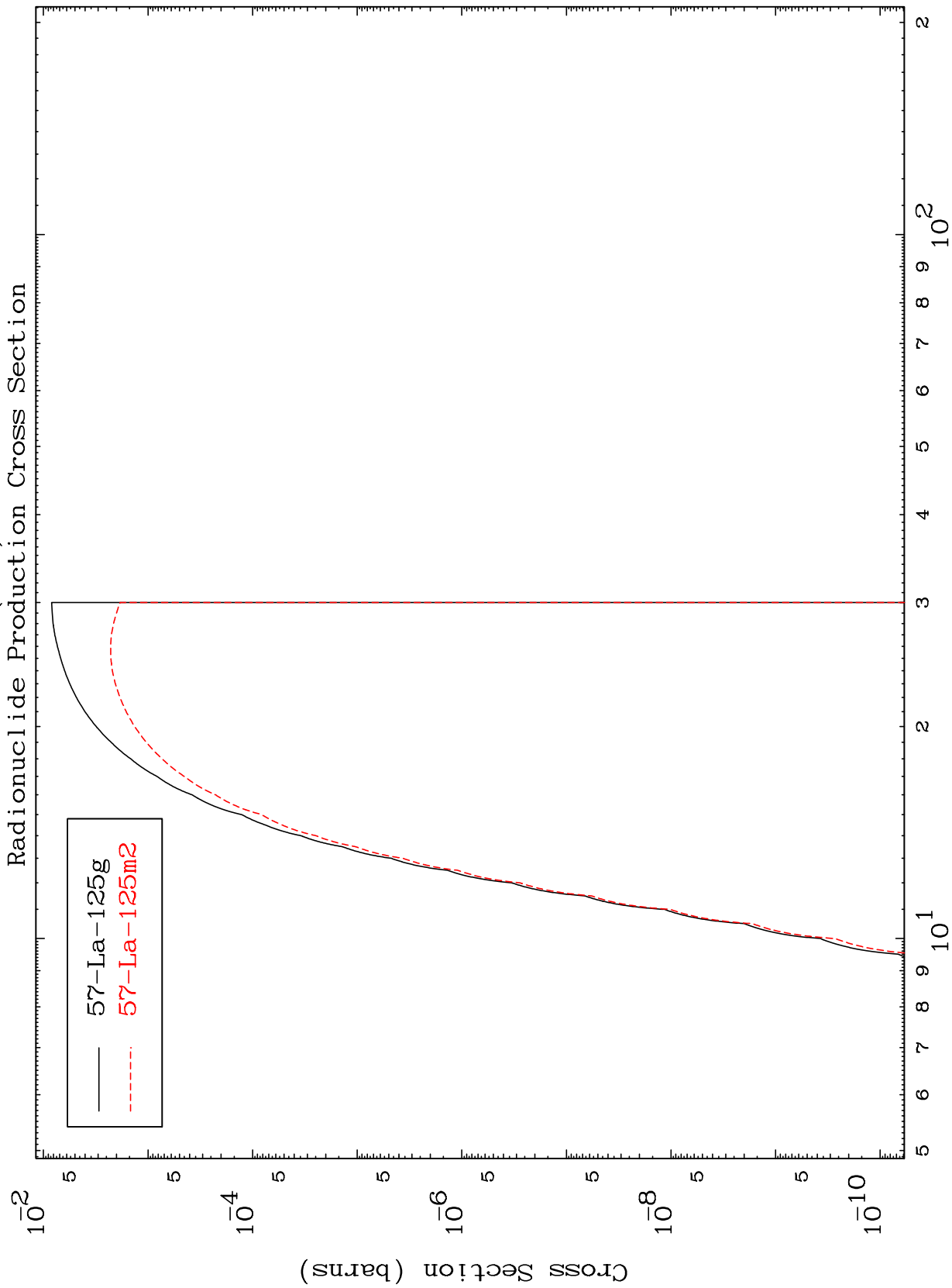
58-Ce-127

Incident Energy (MeV)

29

MAT 5799

58-Ce-127



30

Incident Energy (MeV)

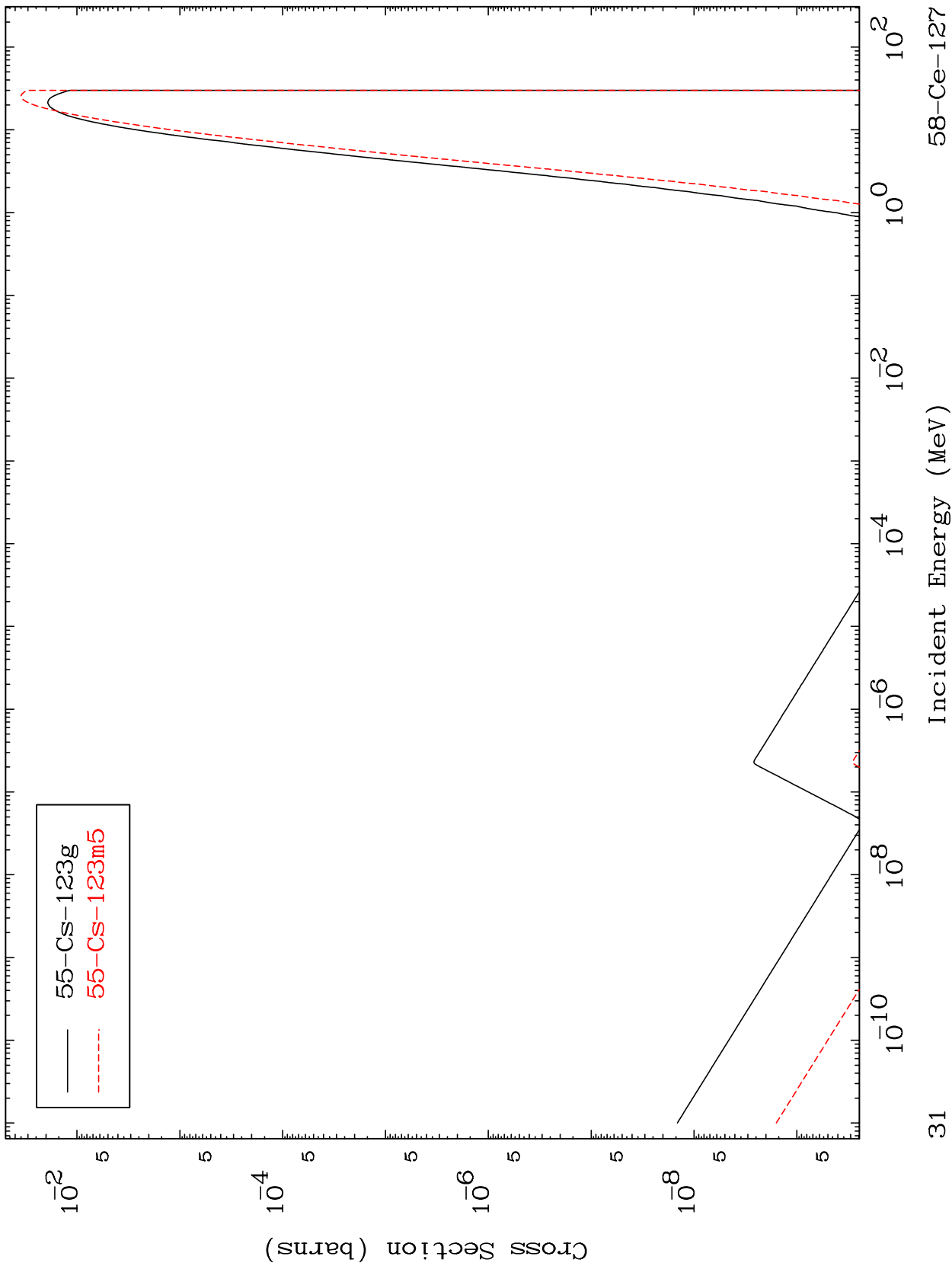
58-Ce-127

MAT 5799

(n,p) α

58-Ce-127

Radionuclide Production Cross Section

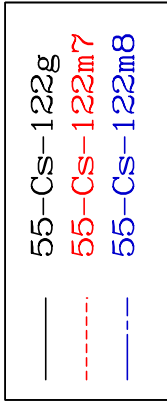
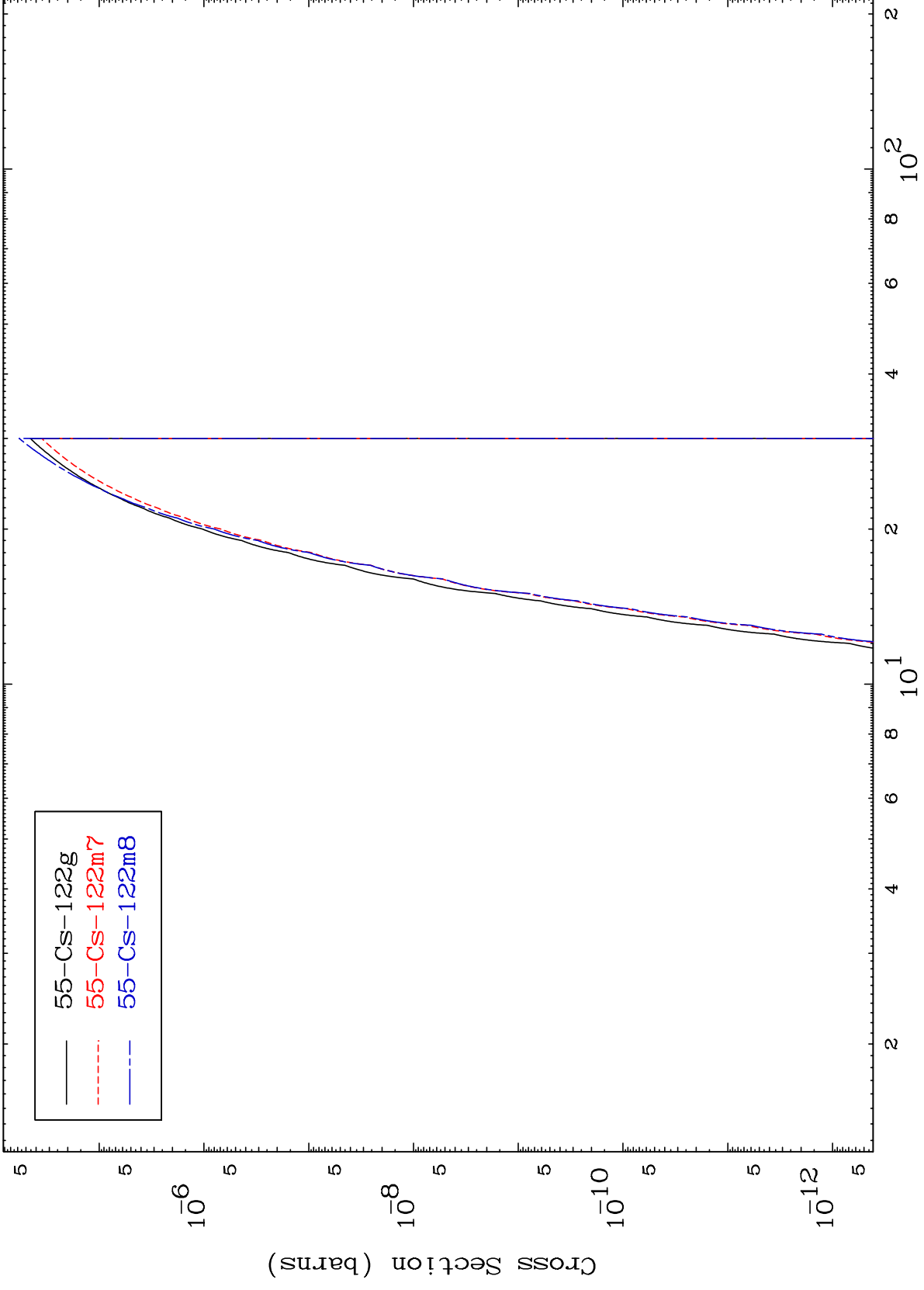


MAT 5799

(n,d) α

58-Ce-127

Radionuclide Production Cross Section



32

Incident Energy (MeV)

58-Ce-127