

Program EVALPLOT
(Version 2021-1)

by

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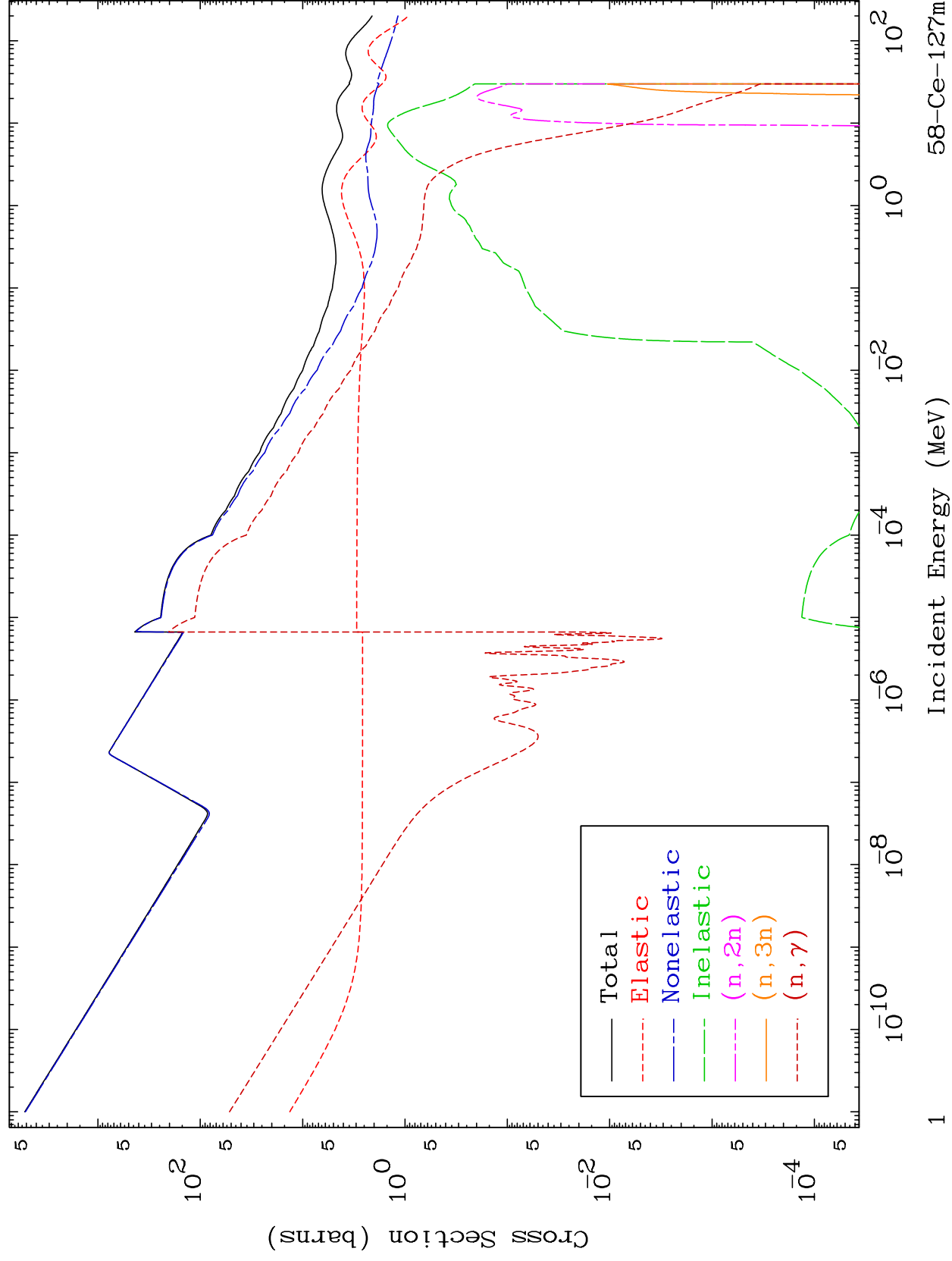
E.Mail:redcullen1@comcast.net

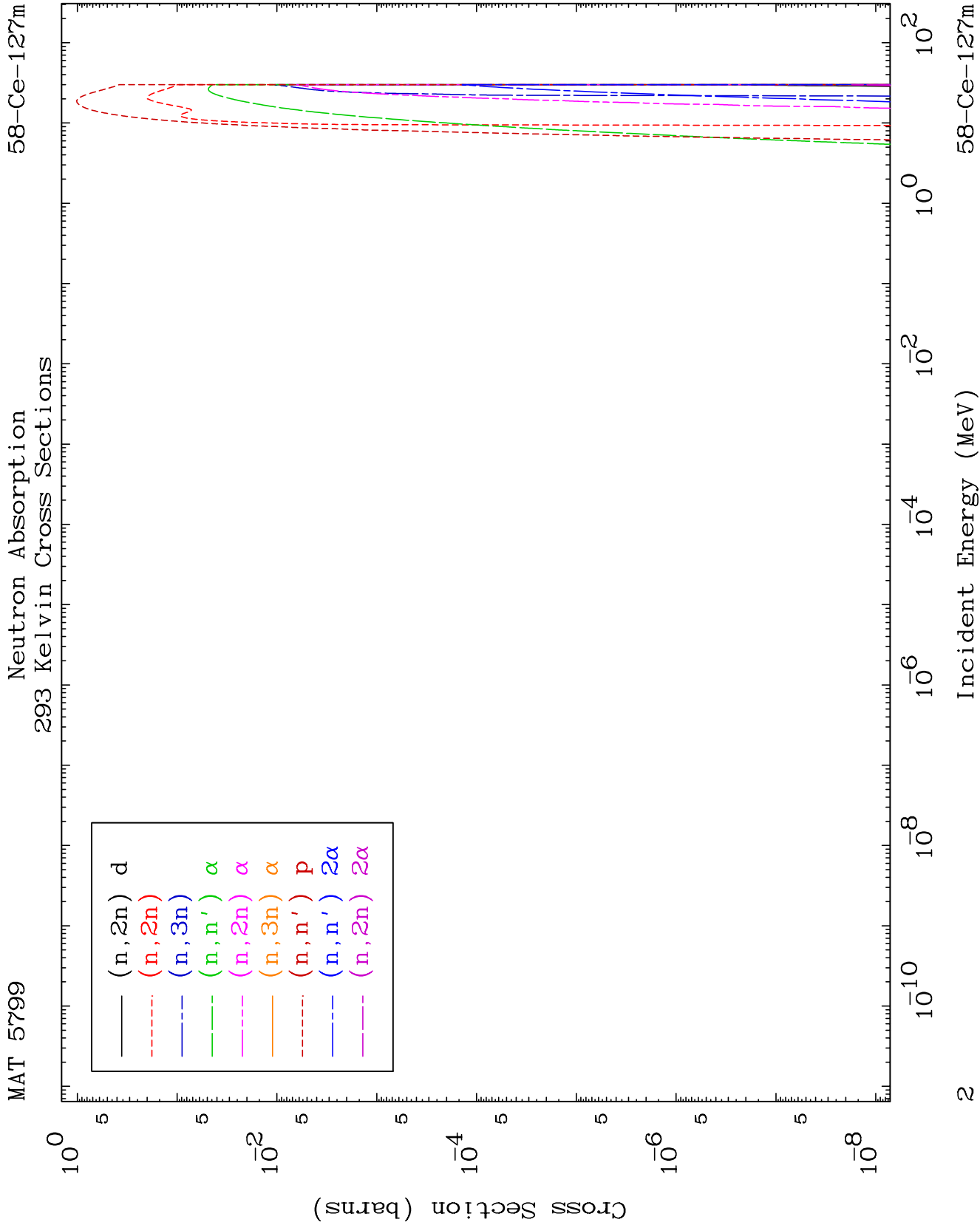
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5799

Neutron Major
293 Kelvin Cross Sections

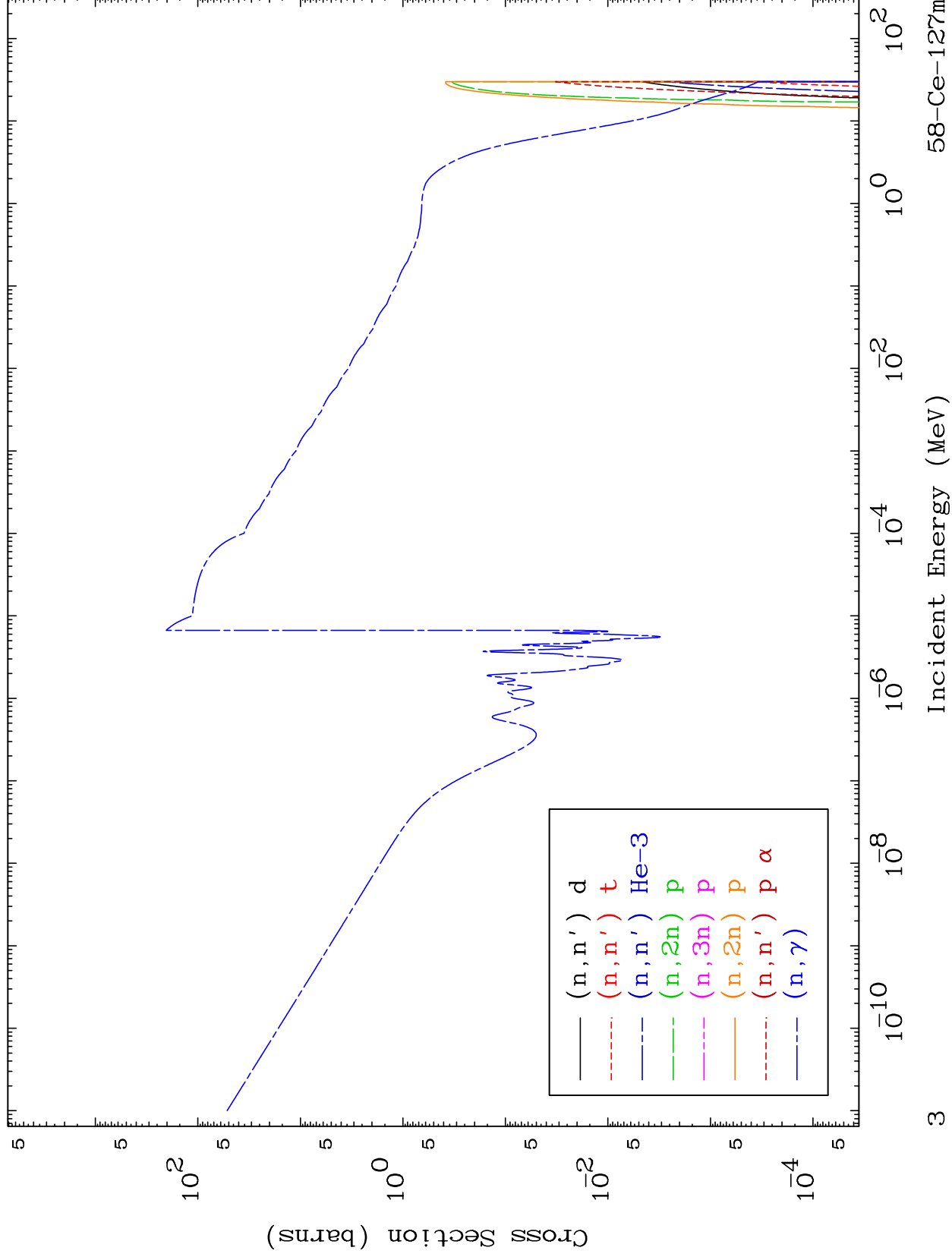
 $^{58}\text{Ce}-127\text{m}$ 



MAT 5799

Neutron Absorption
293 Kelvin Cross Sections

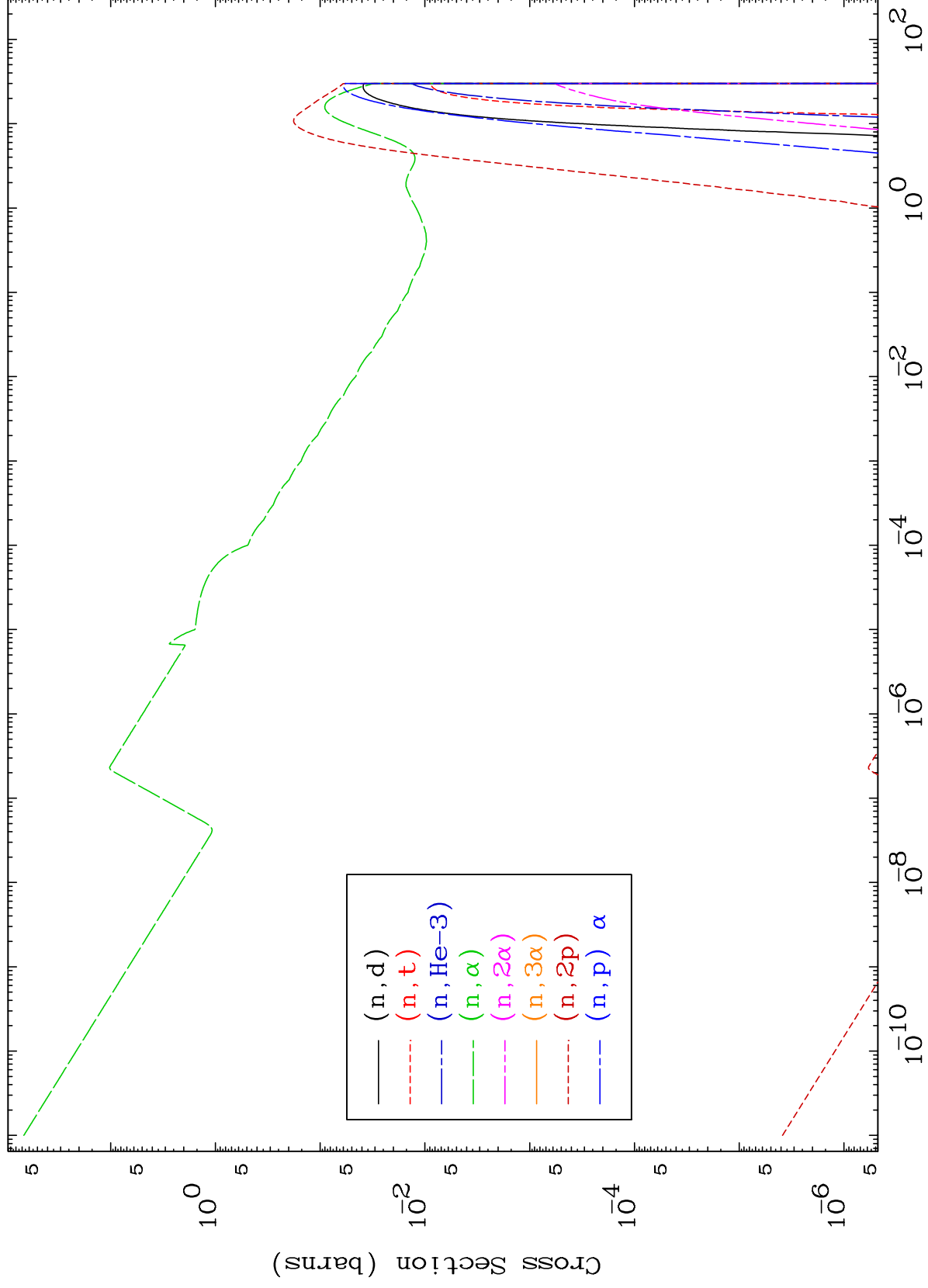
58-Ce-127m

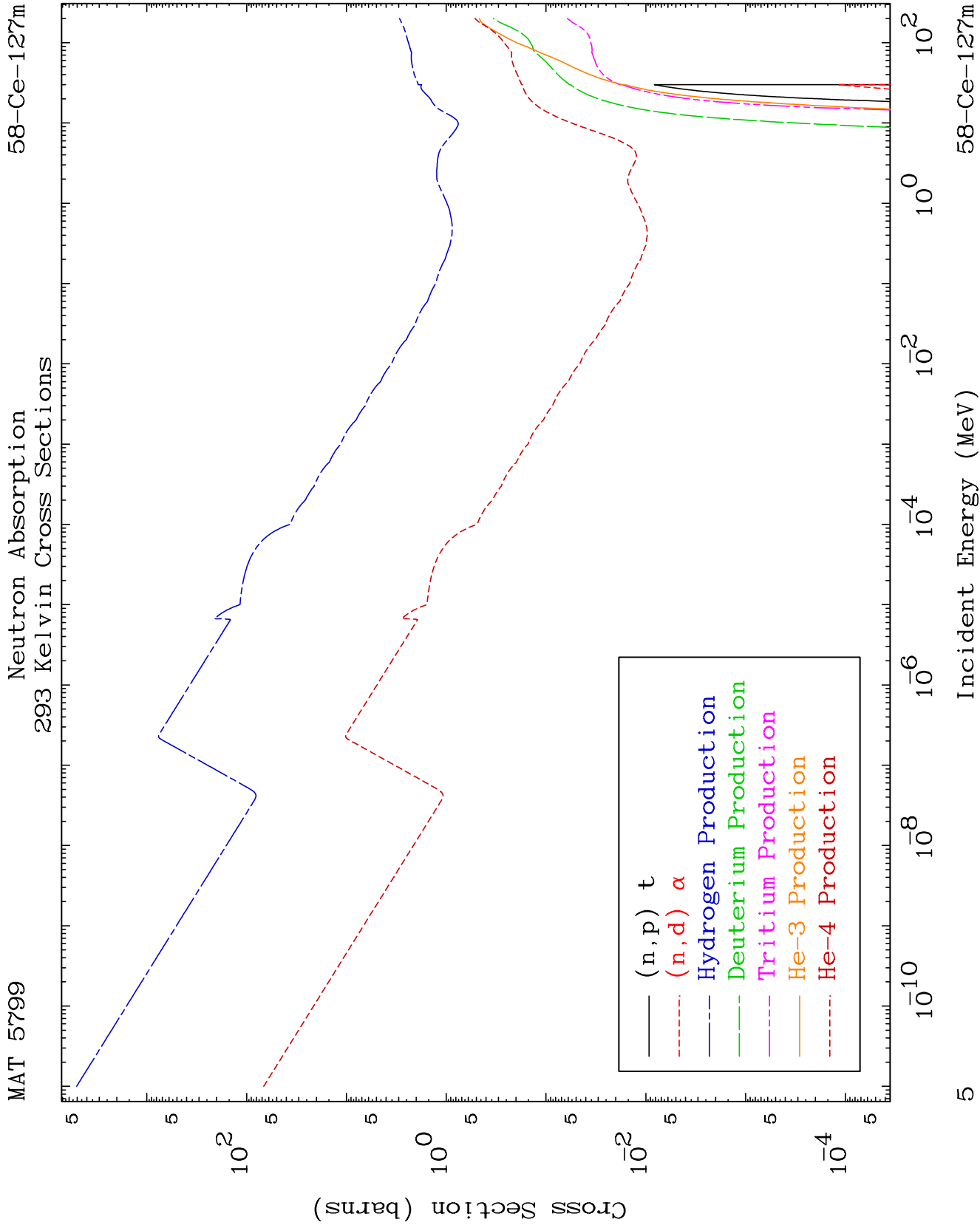


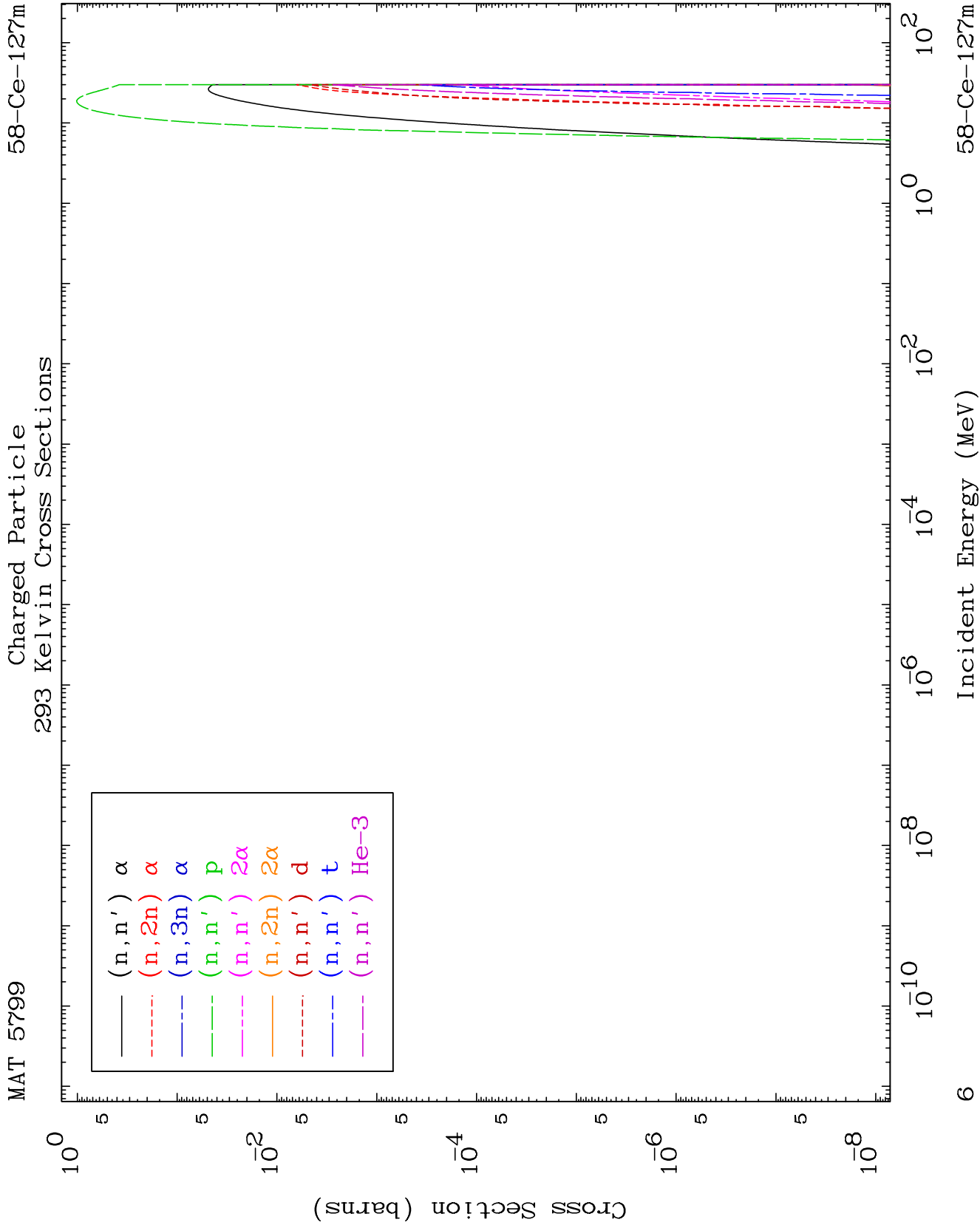
MAT 5799

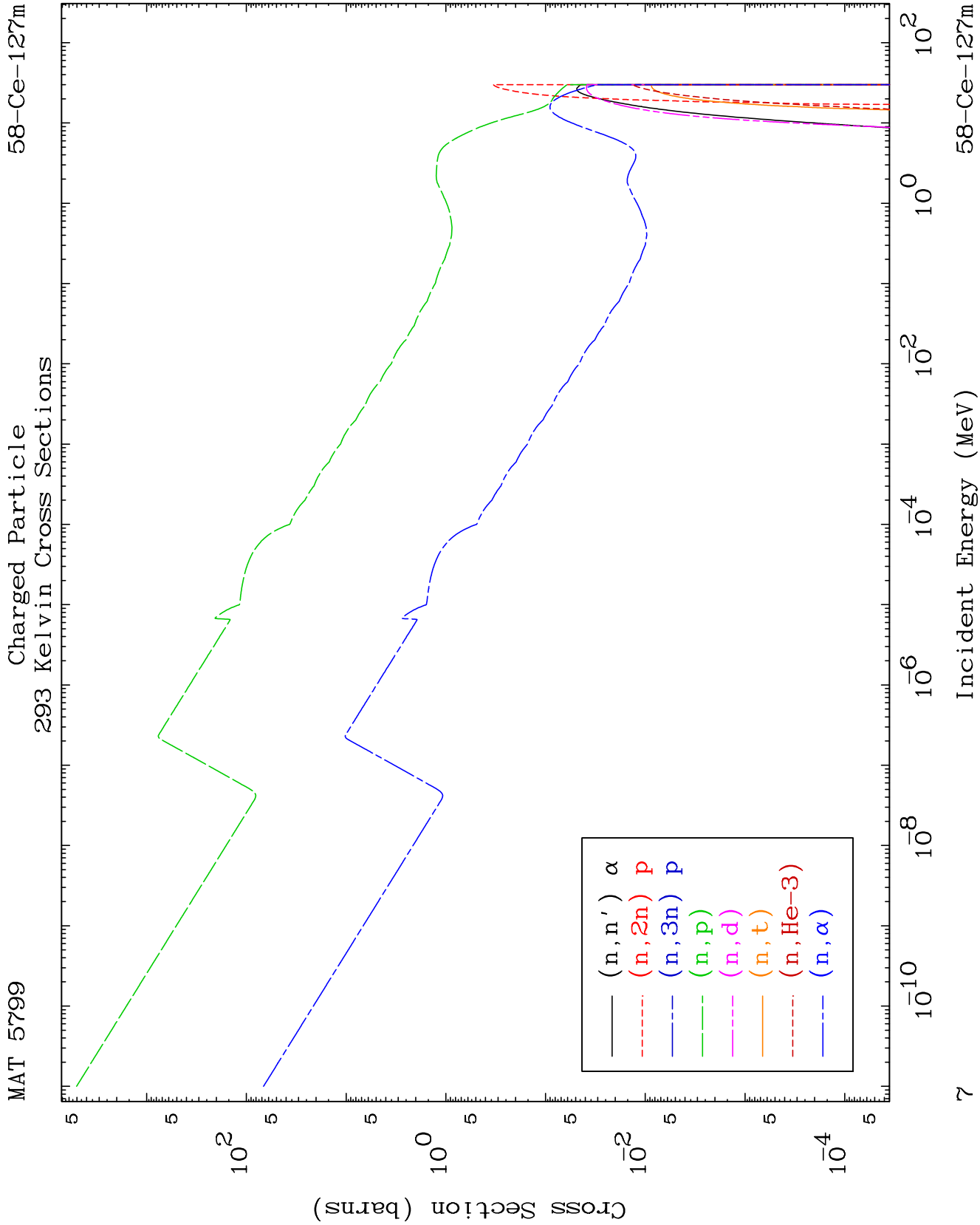
Neutron Absorption
293 Kelvin Cross Sections

58-Ce-127m





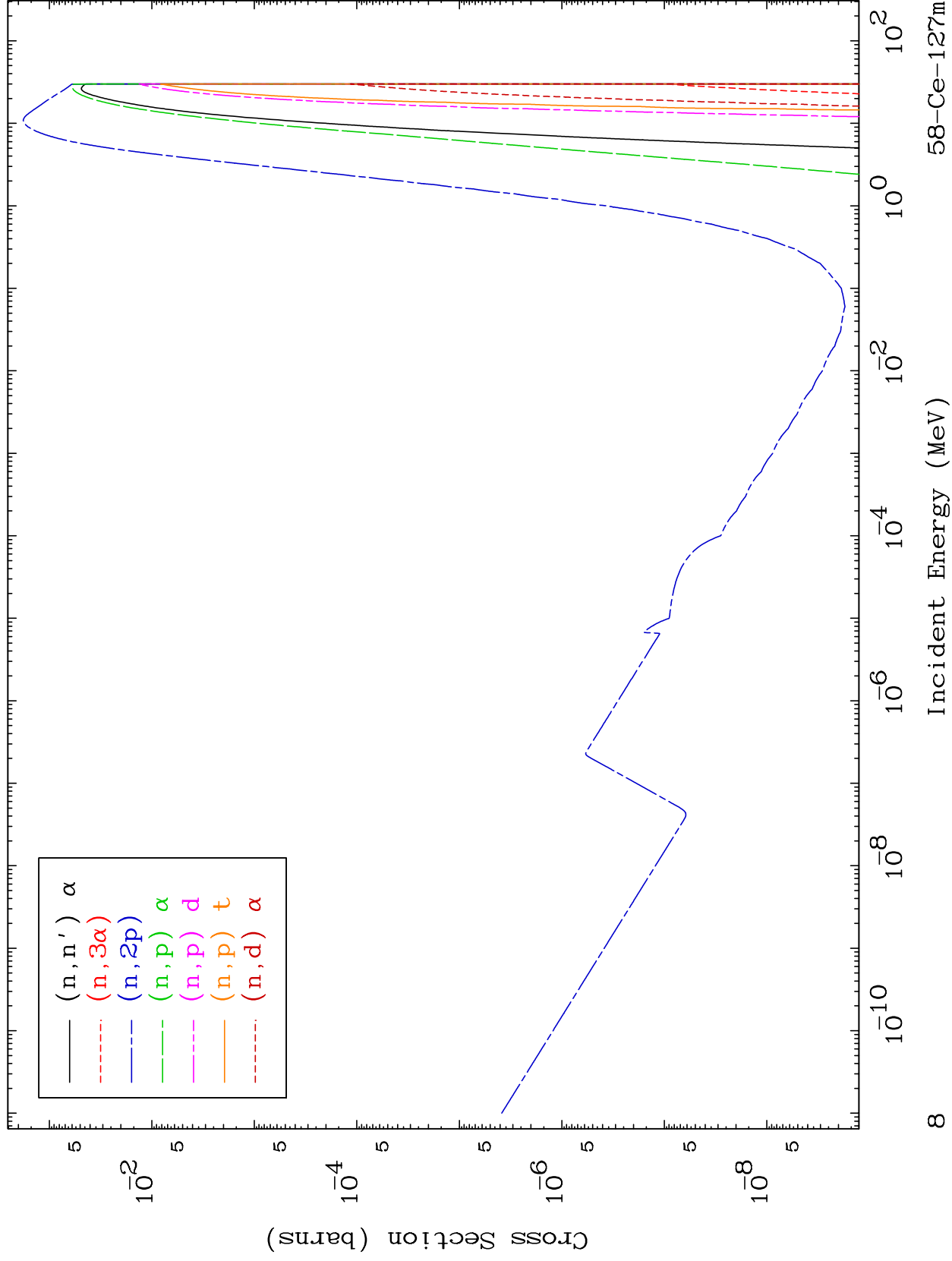


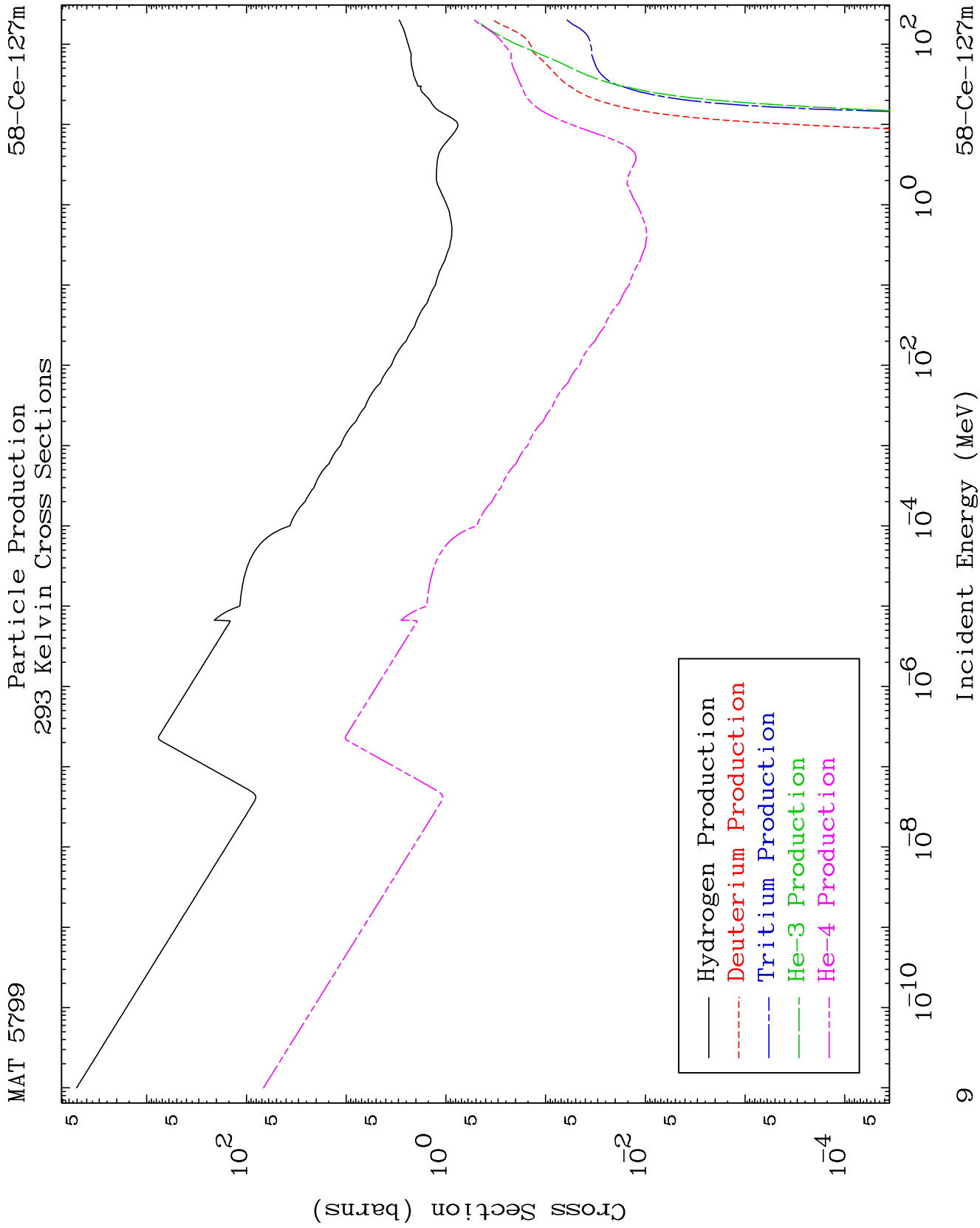


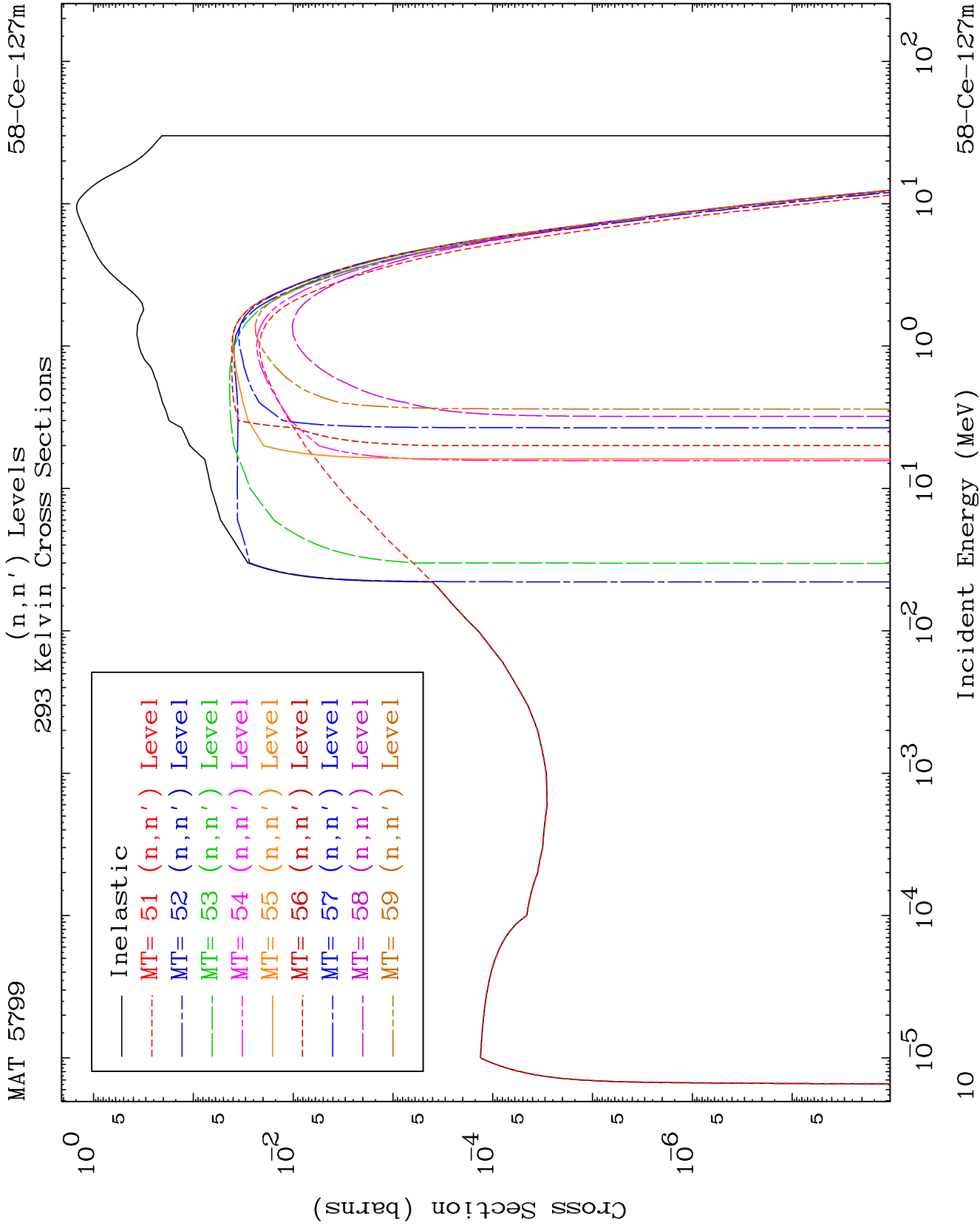
MAT 5799

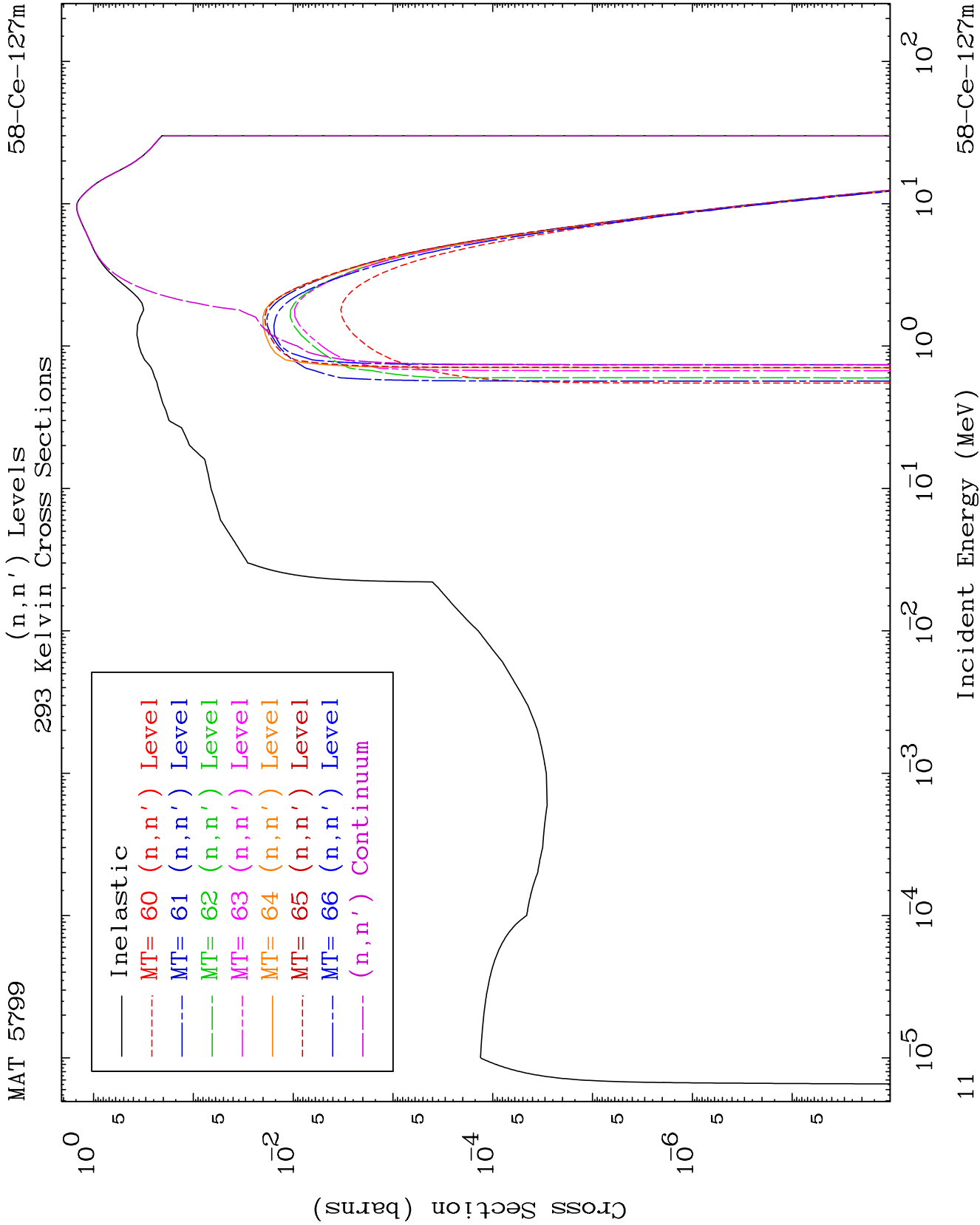
Charged Particle
293 Kelvin Cross Sections

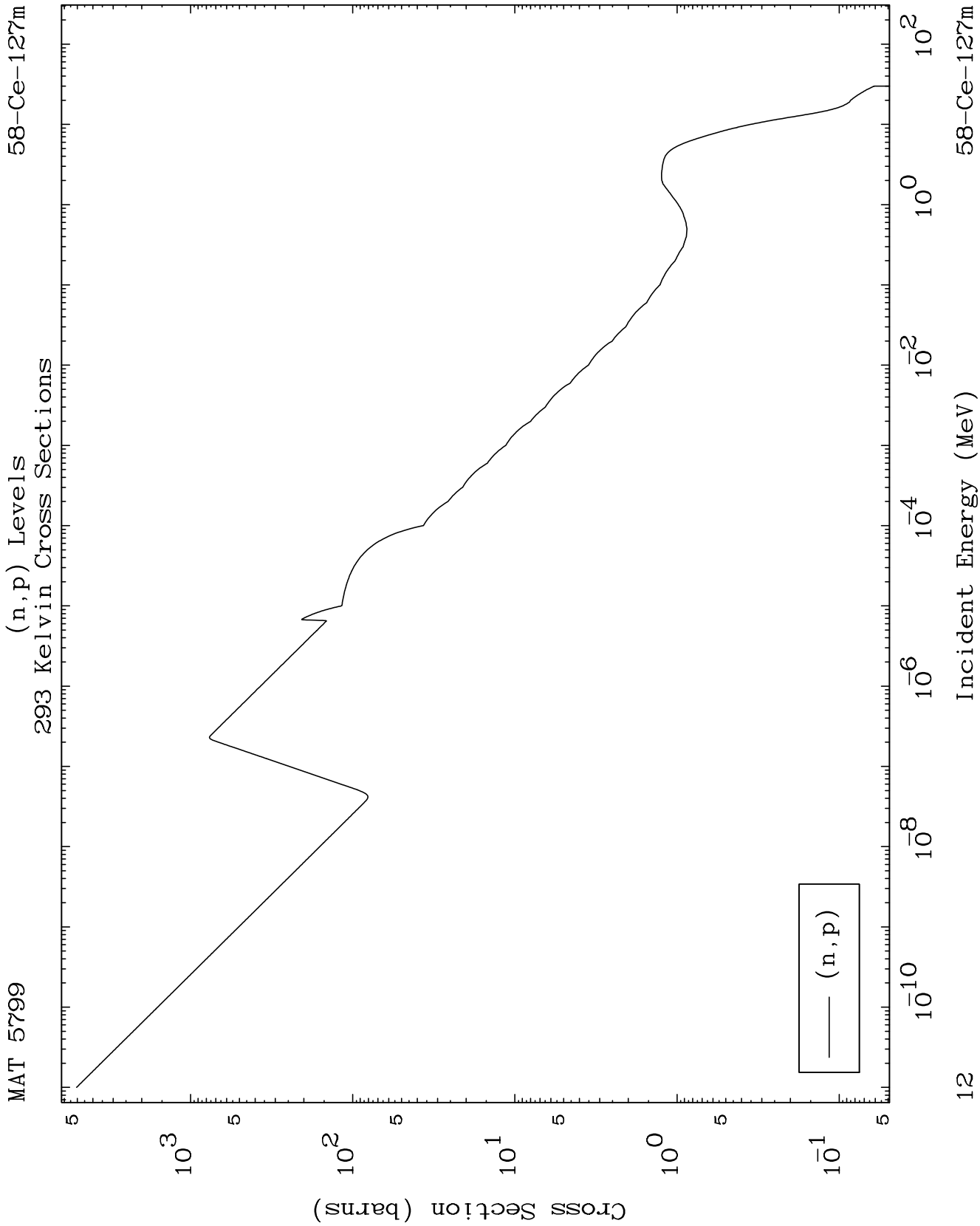
58-Ce-127m







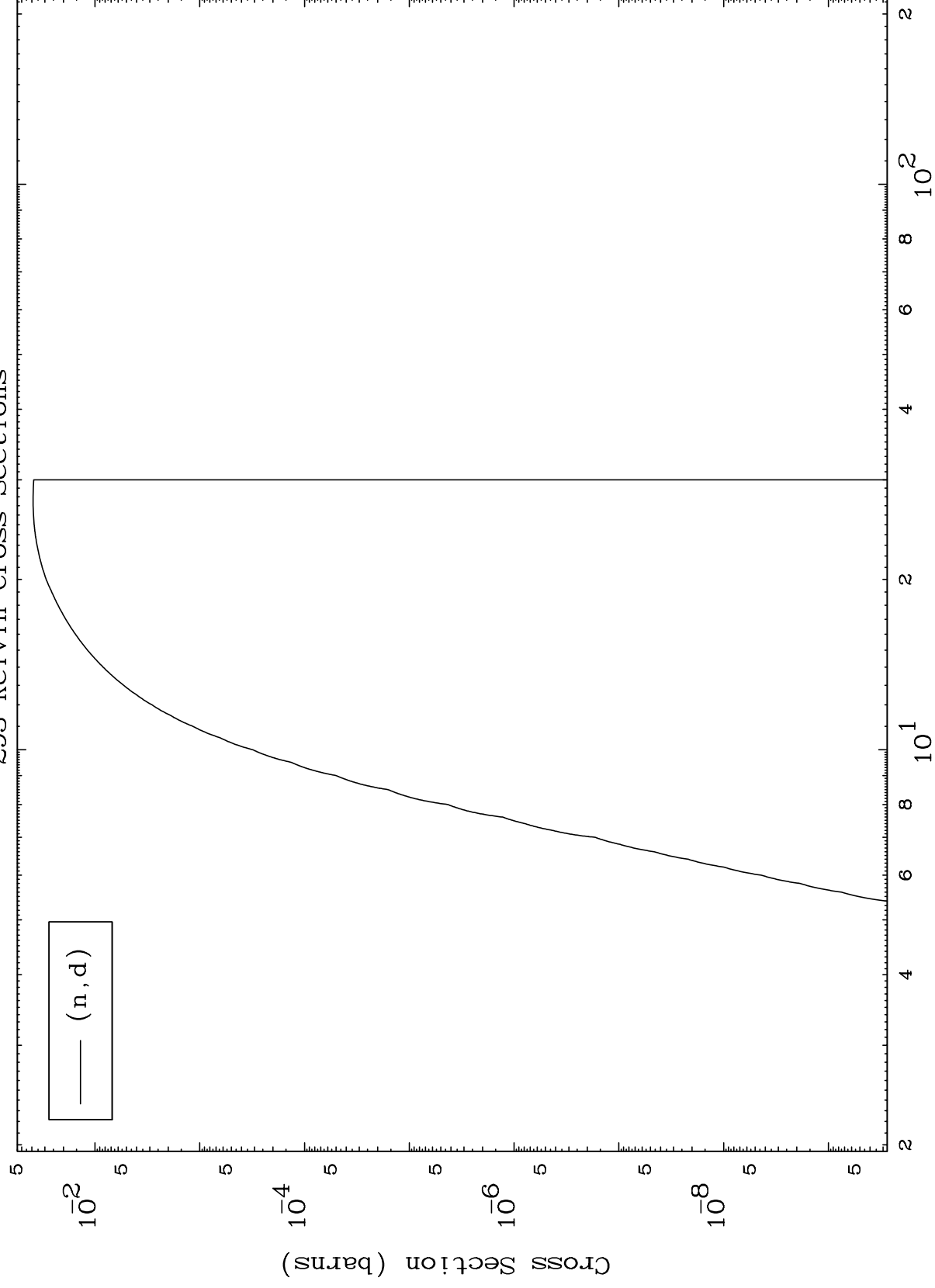




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(n,d) Levels
293 Kelvin Cross Sections

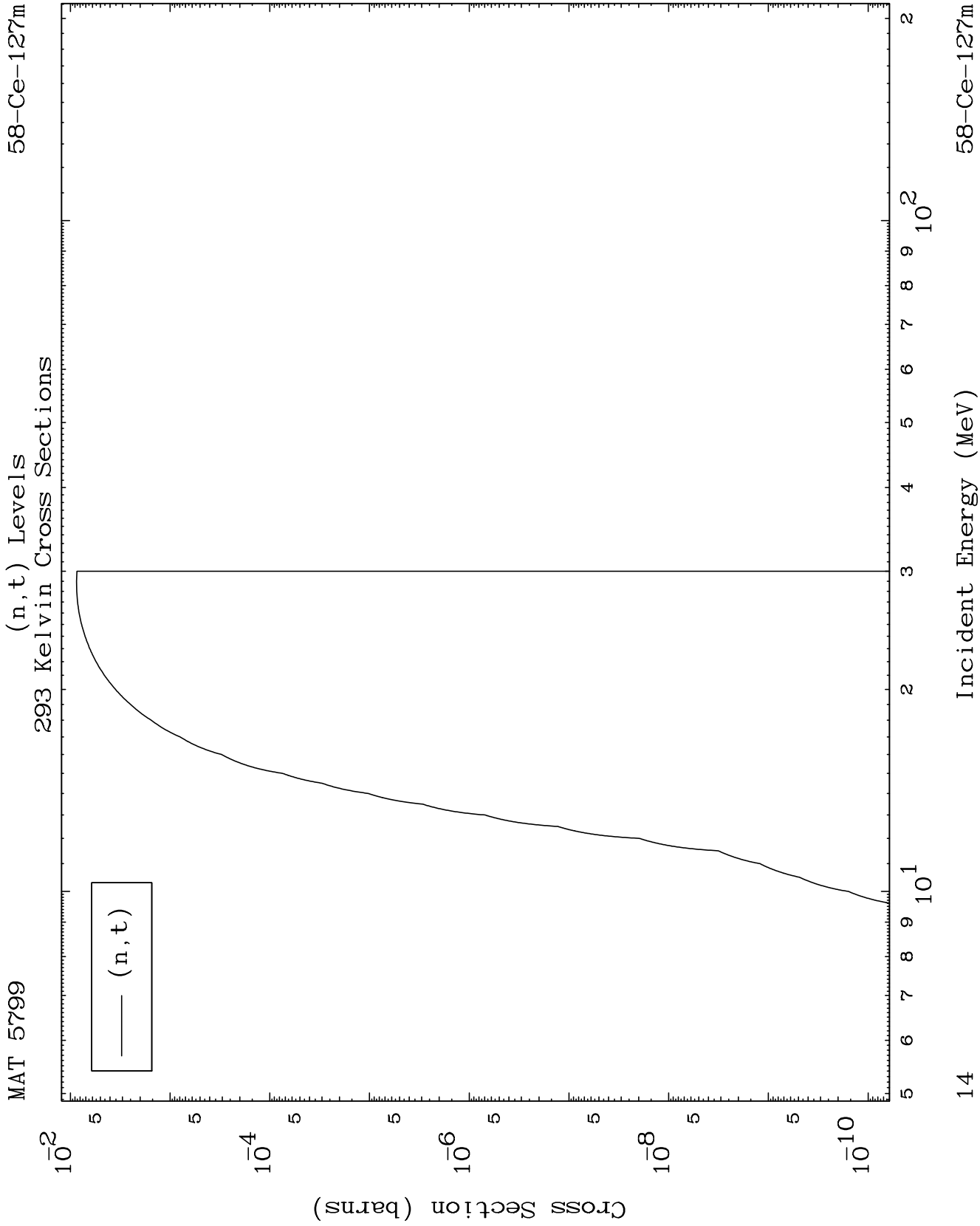
58-Ce-127m



Incident Energy (MeV)

58-Ce-127m

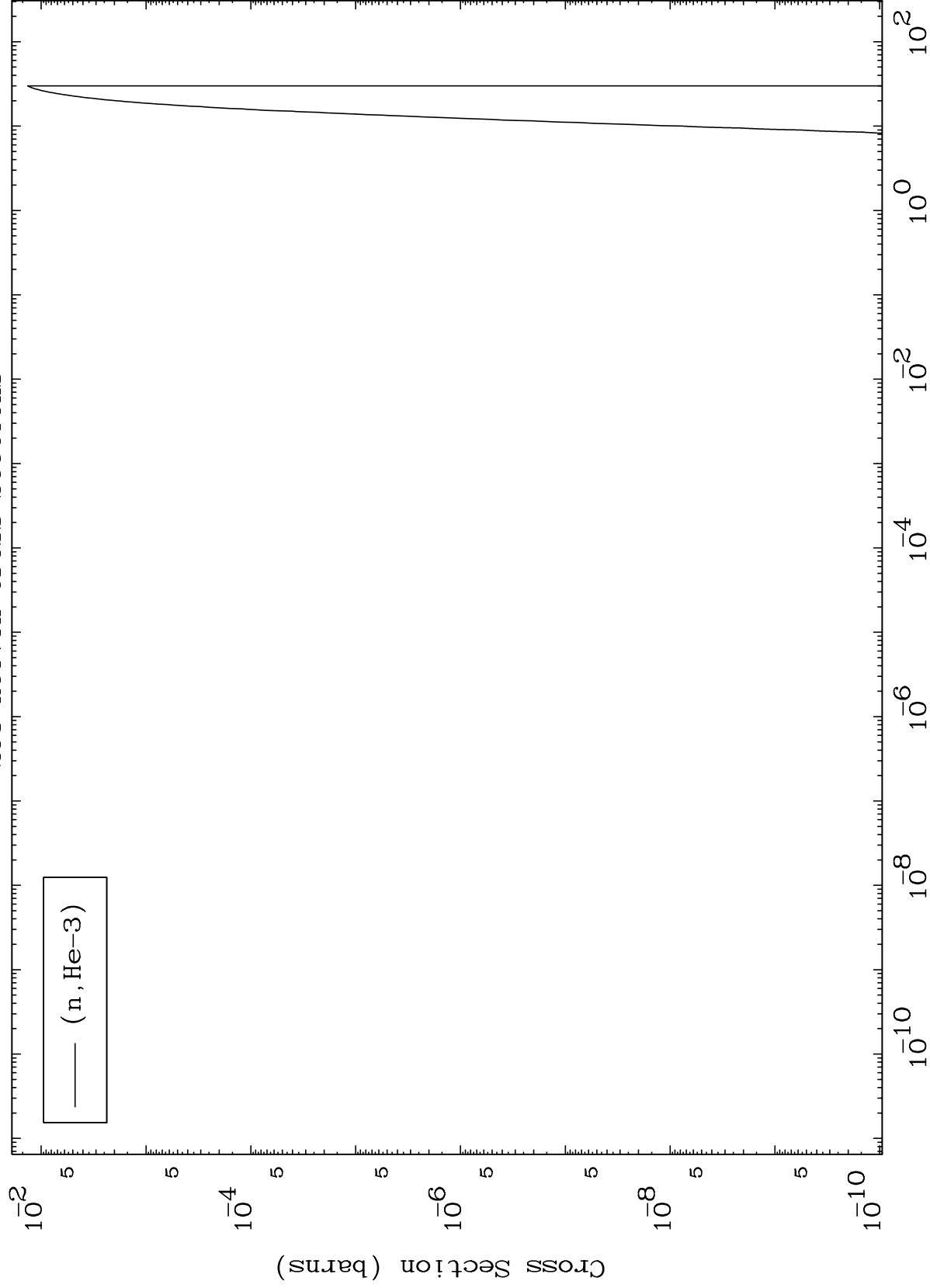
13



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(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-127m



15

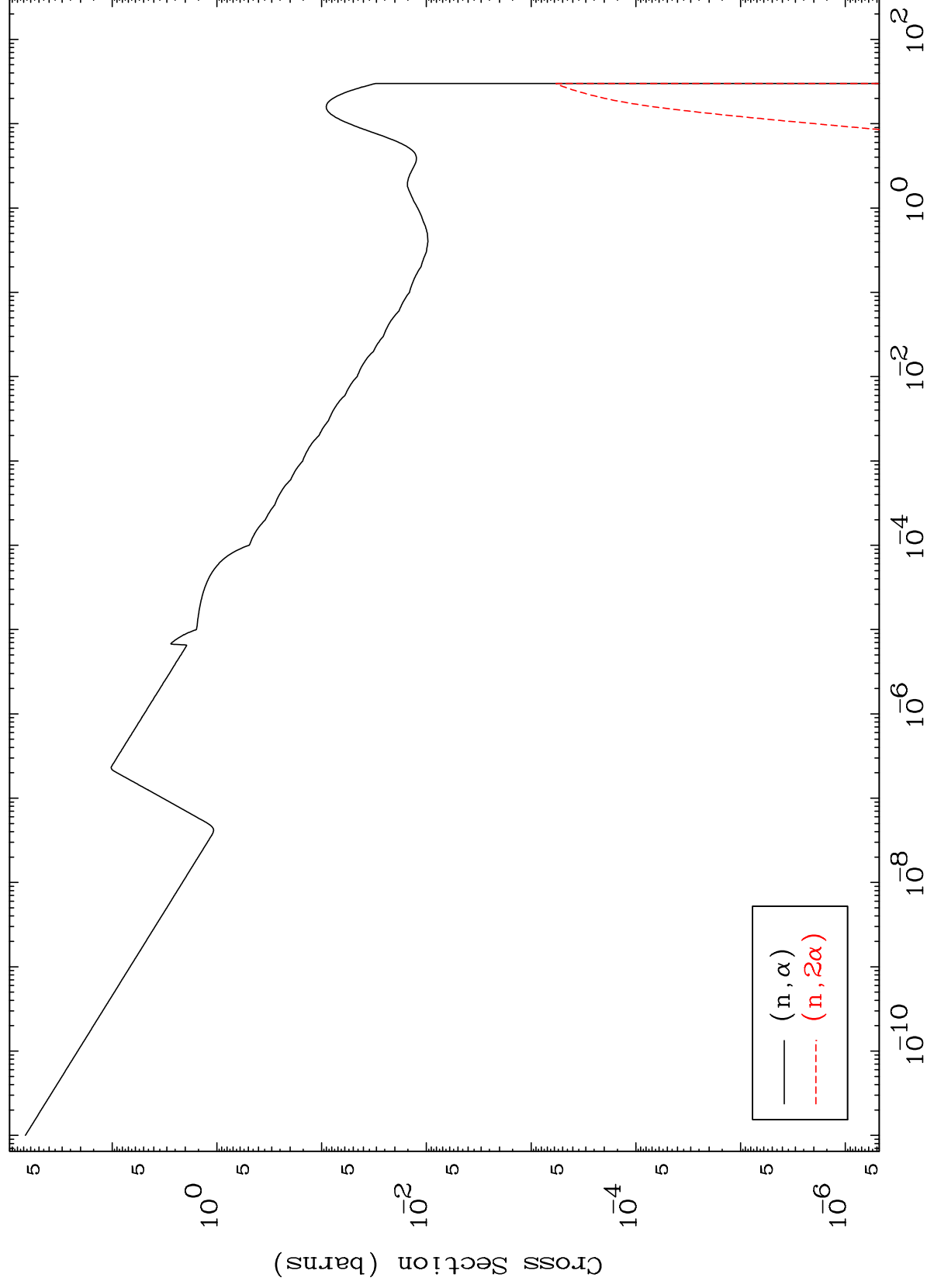
Incident Energy (MeV)

58-Ce-127m

MAT 5799

(n, α) Levels
293 Kelvin Cross Sections

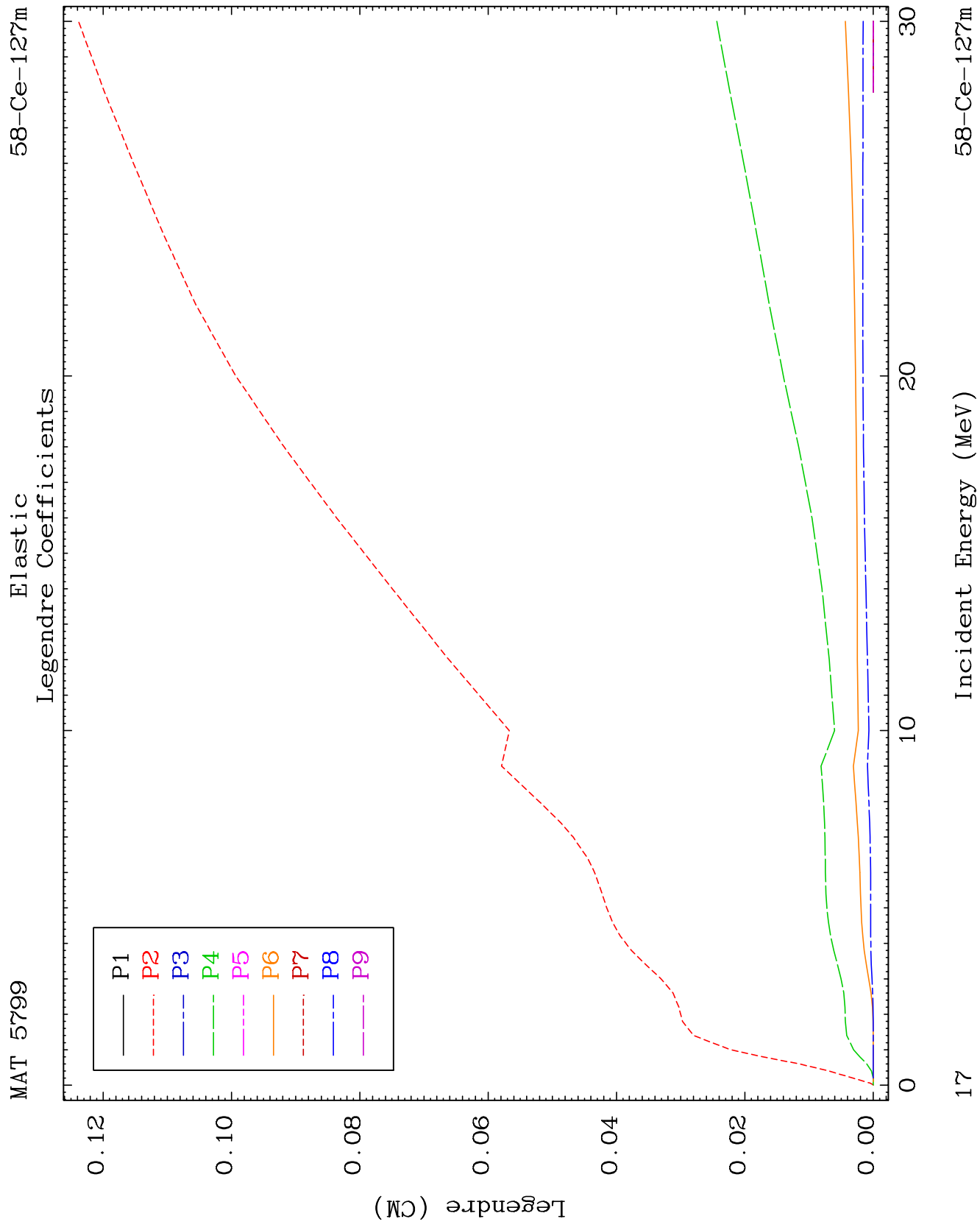
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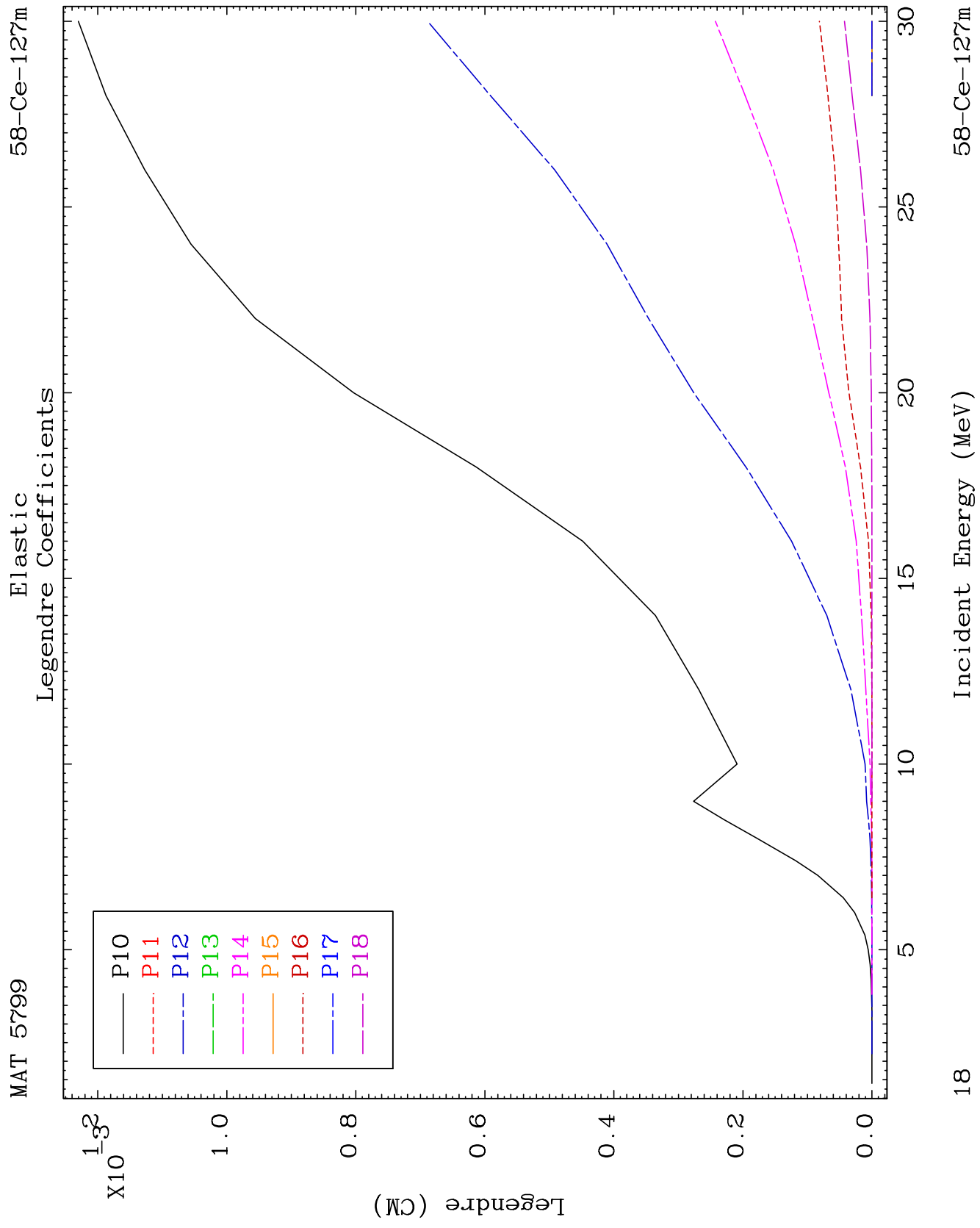


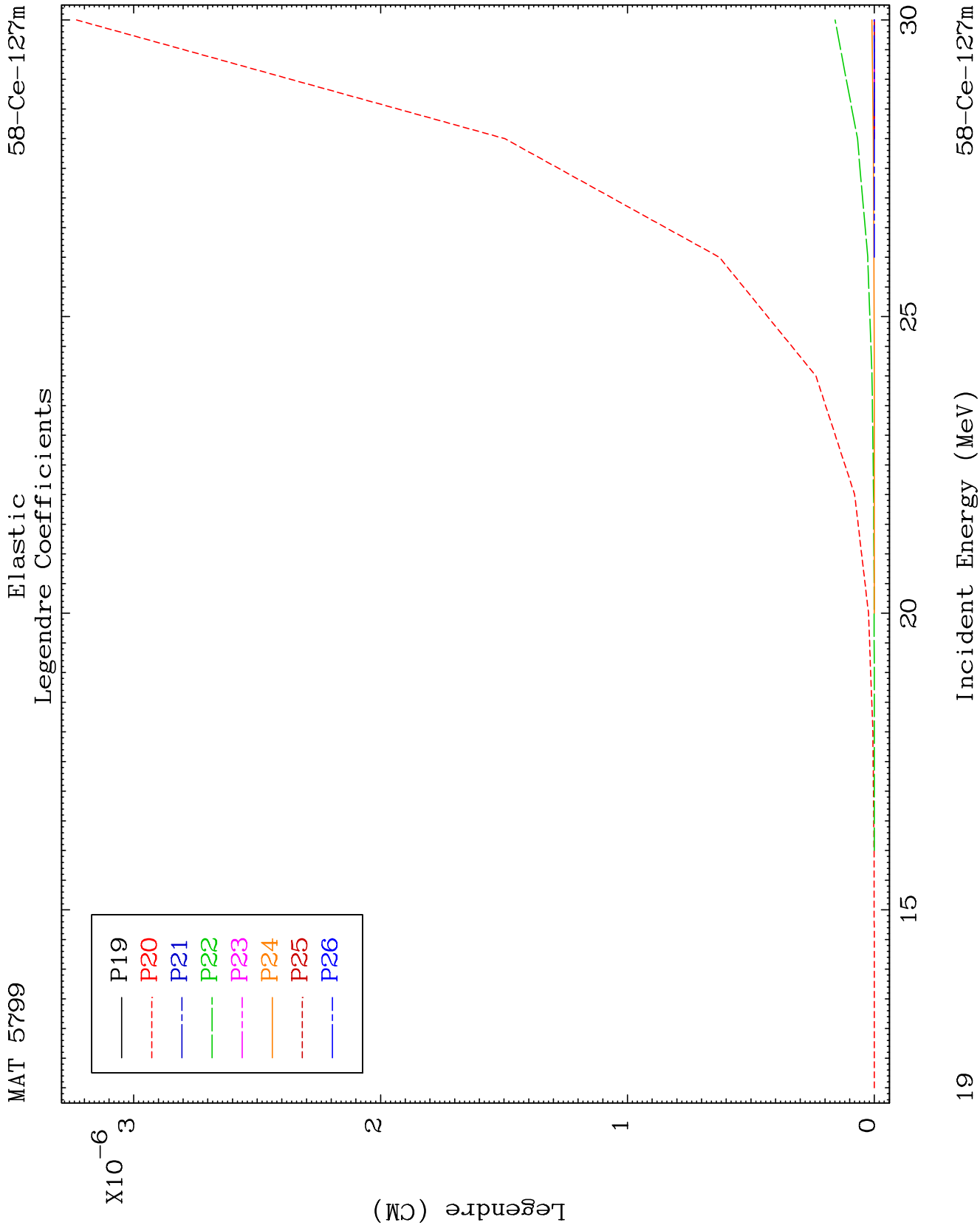
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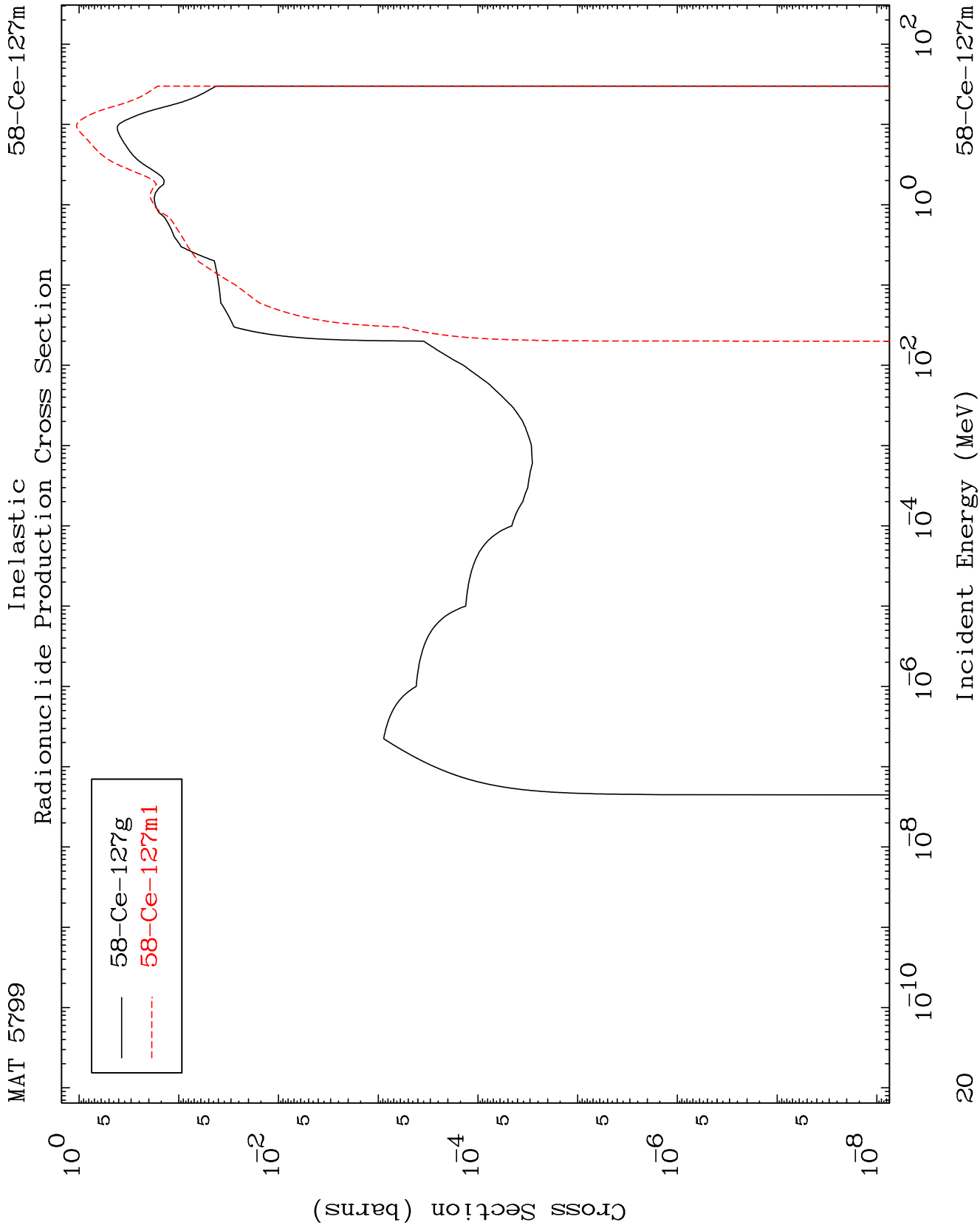
Incident Energy (MeV)

58-Ce-127m





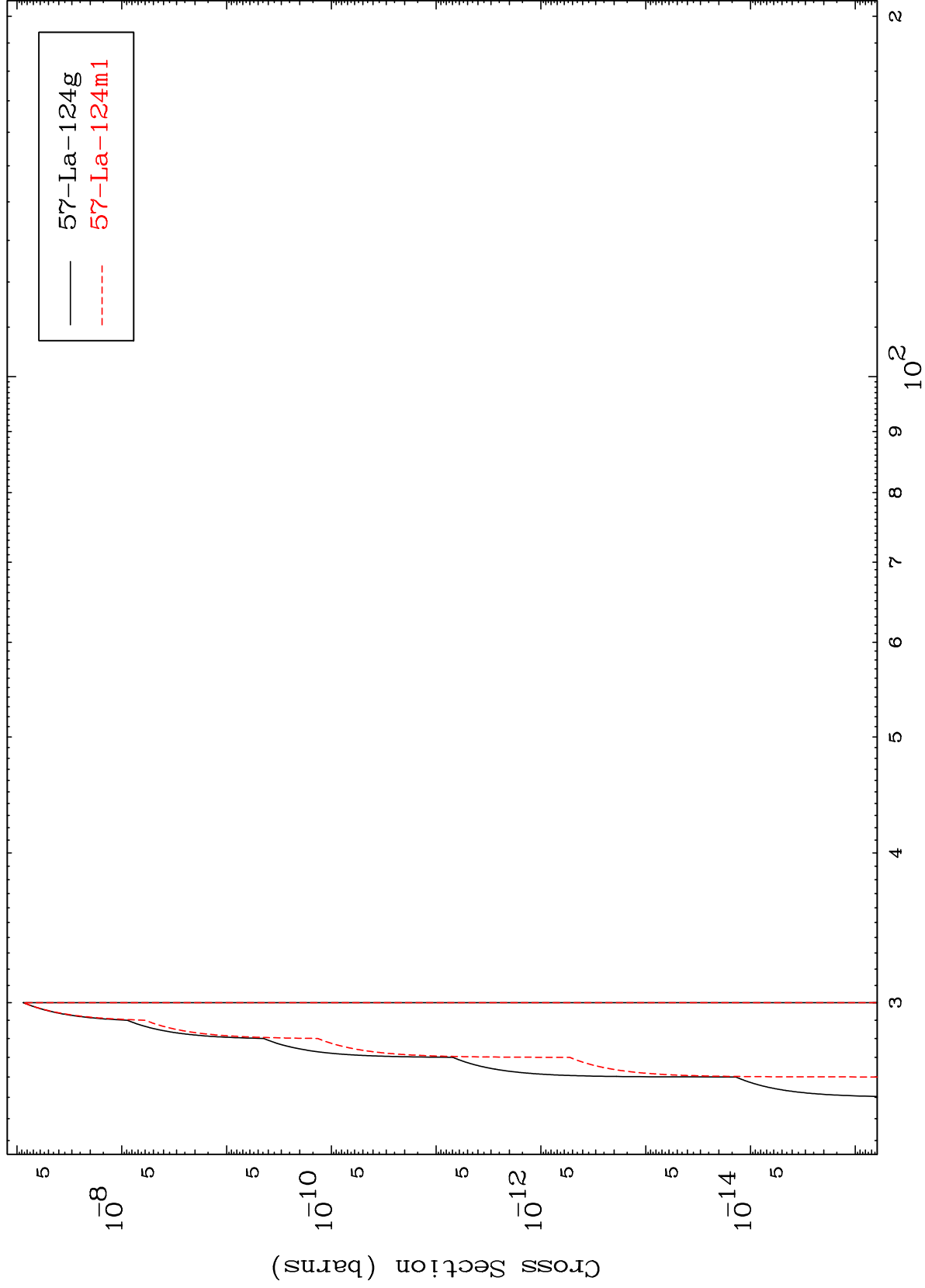




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58-Ce-127m

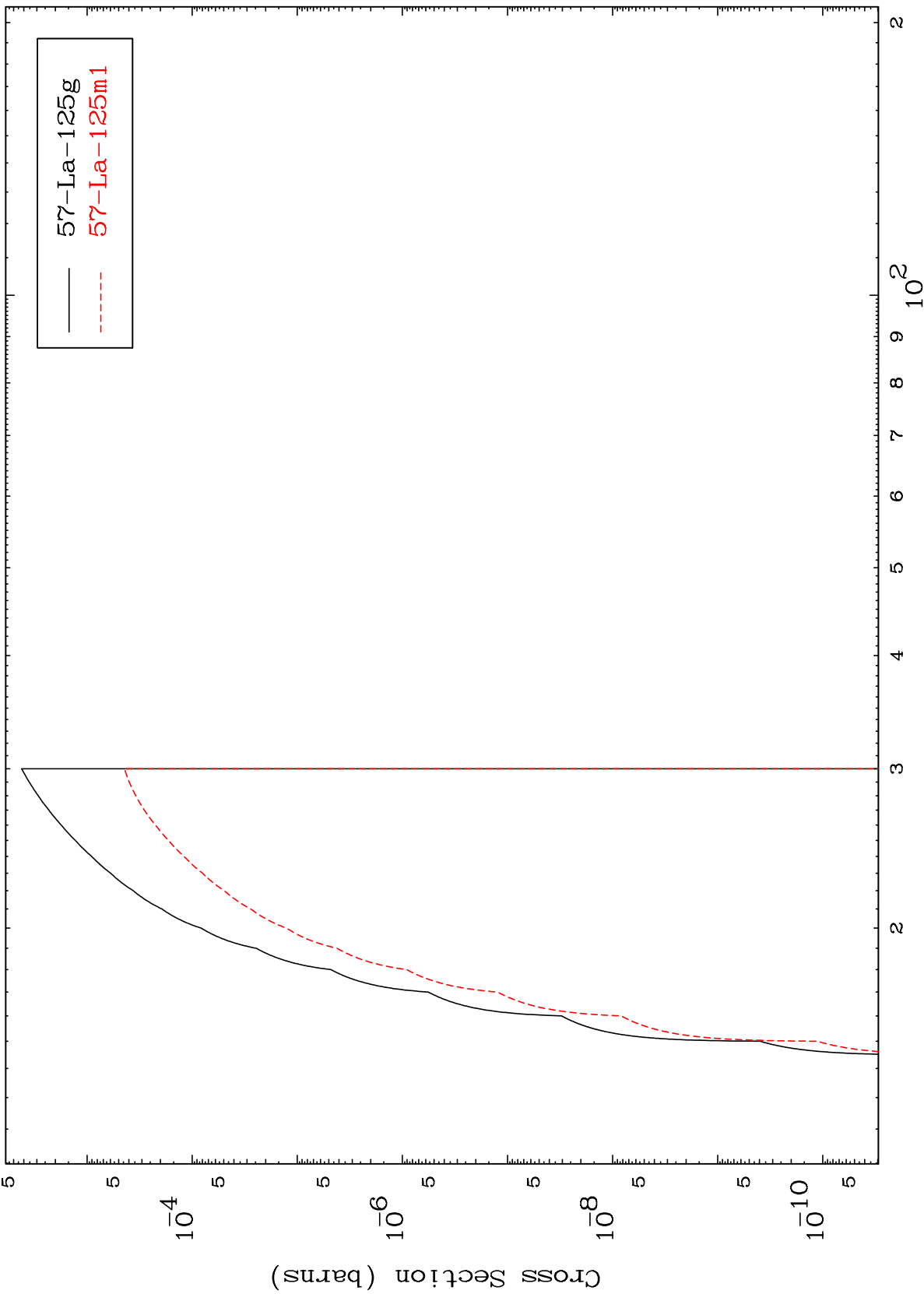
(n,2n) d
Radionuclide Production Cross Section



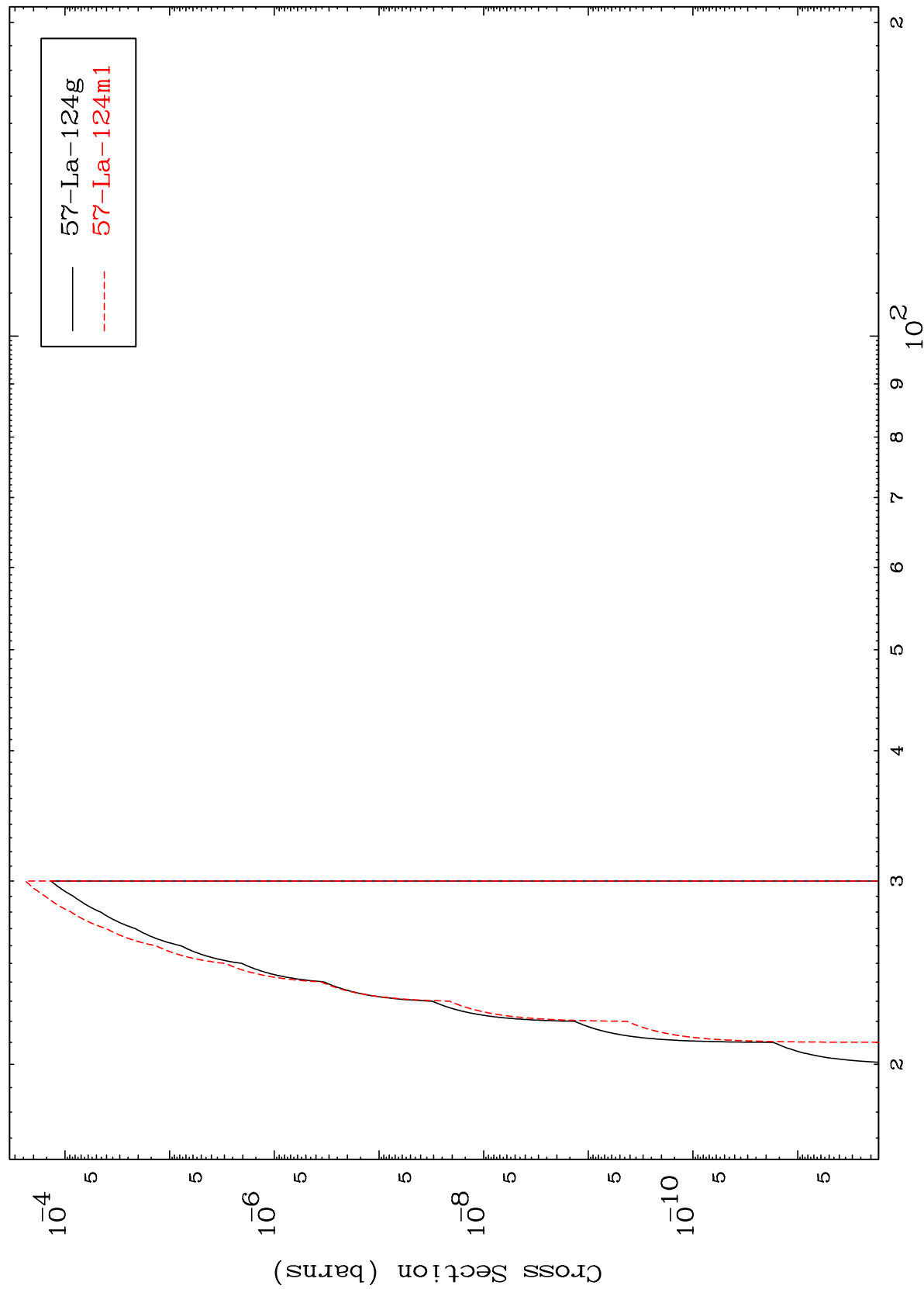
21

58-Ce-127m

Radionuclide Production Cross Section



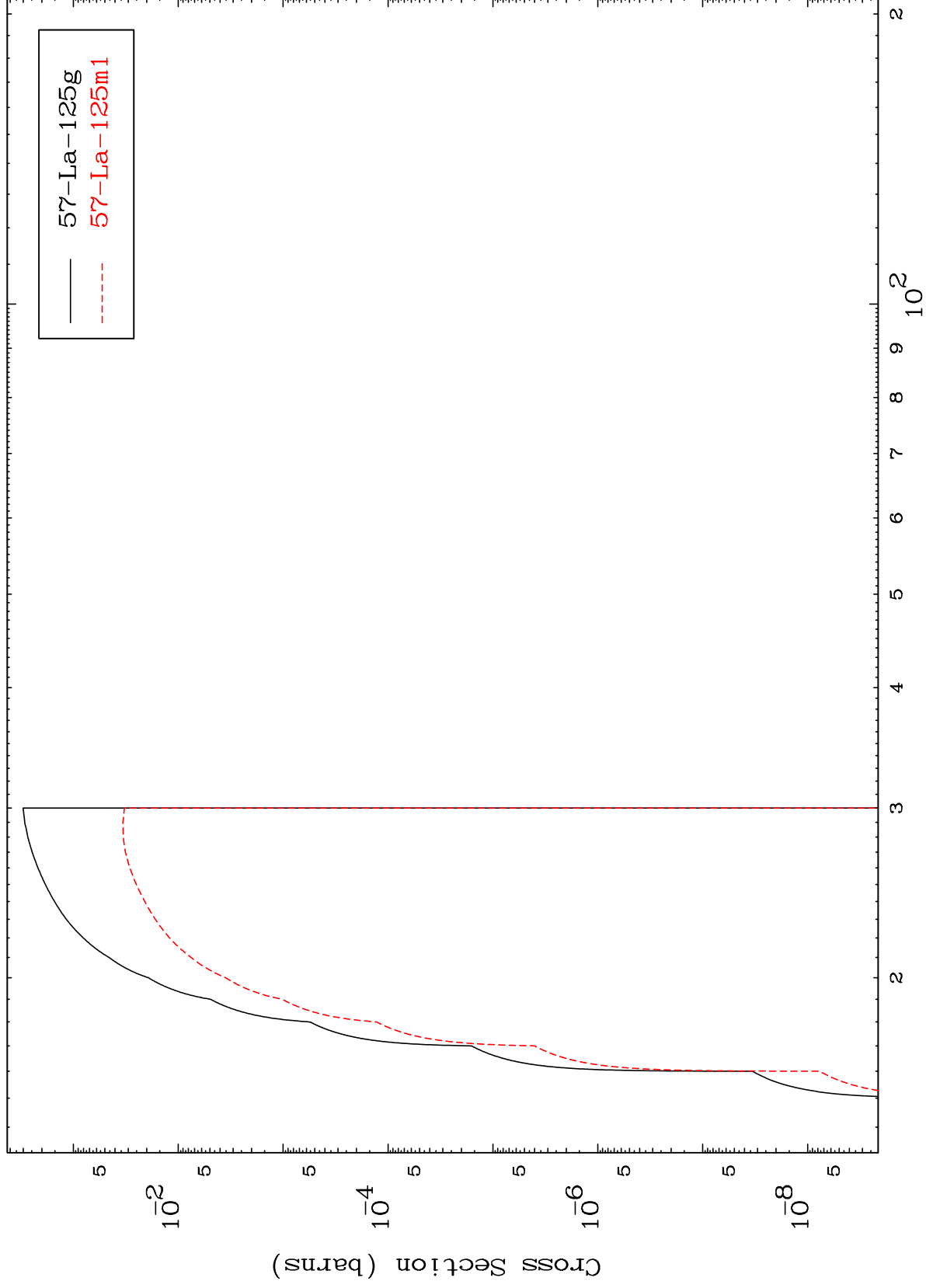
(n,n') t
Radionuclide Production Cross Section



MAT 5799

58-Ce-127m

(n,2n) p
Radionuclide Production Cross Section



24

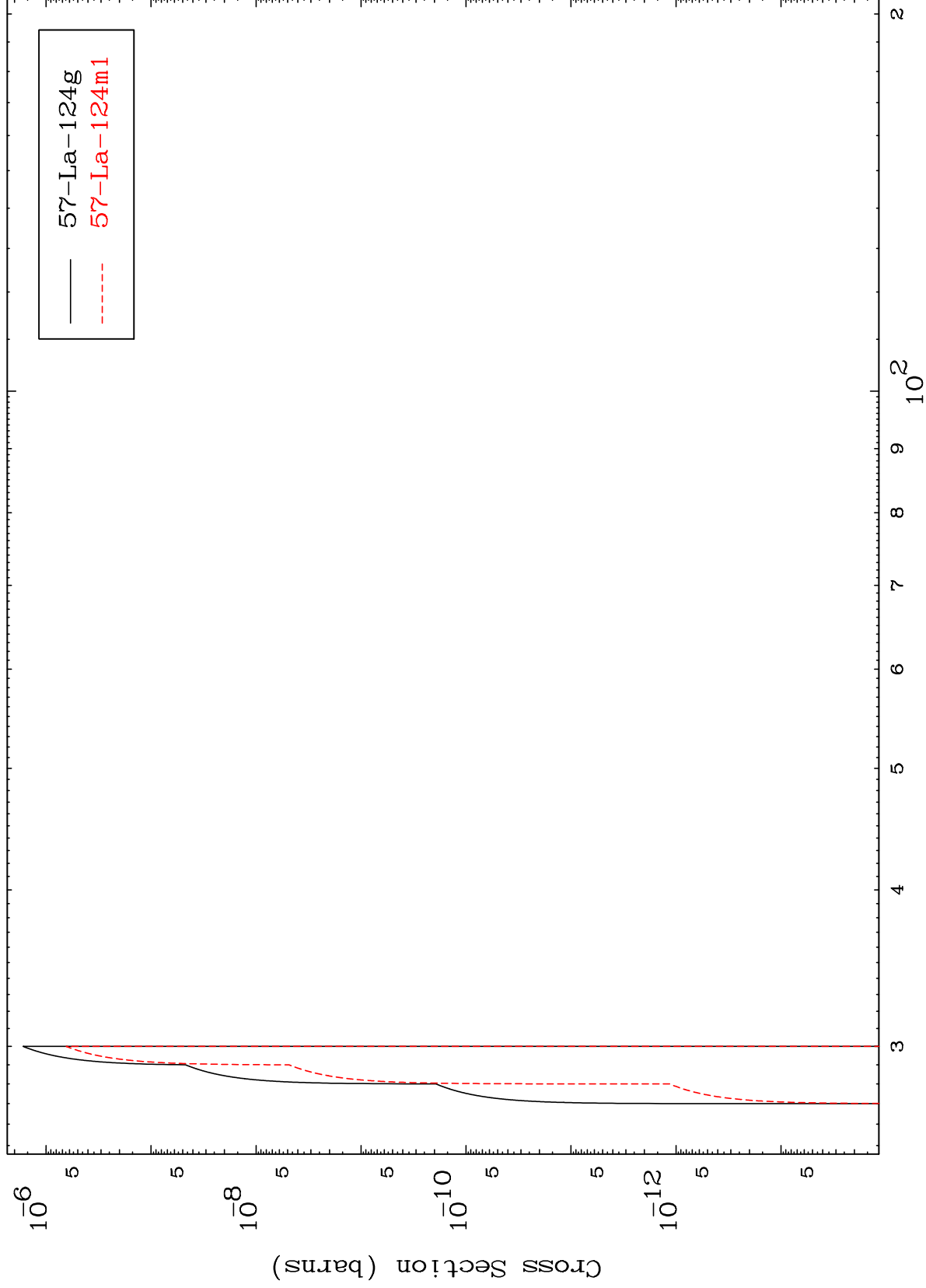
Incident Energy (MeV)

58-Ce-127m

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58-Ce-127m

(n,3n) p
Radionuclide Production Cross Section

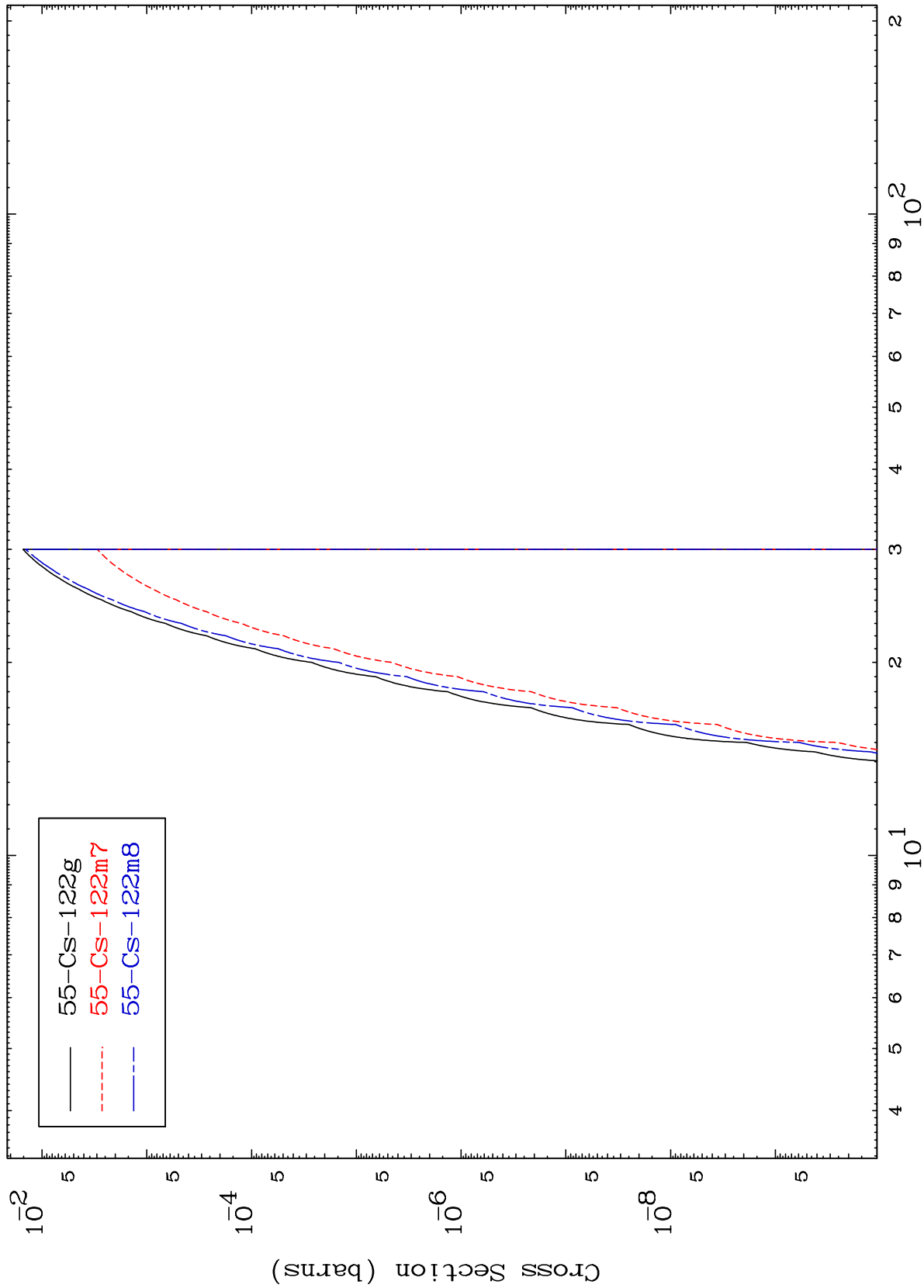


25

Incident Energy (MeV)

58-Ce-127m

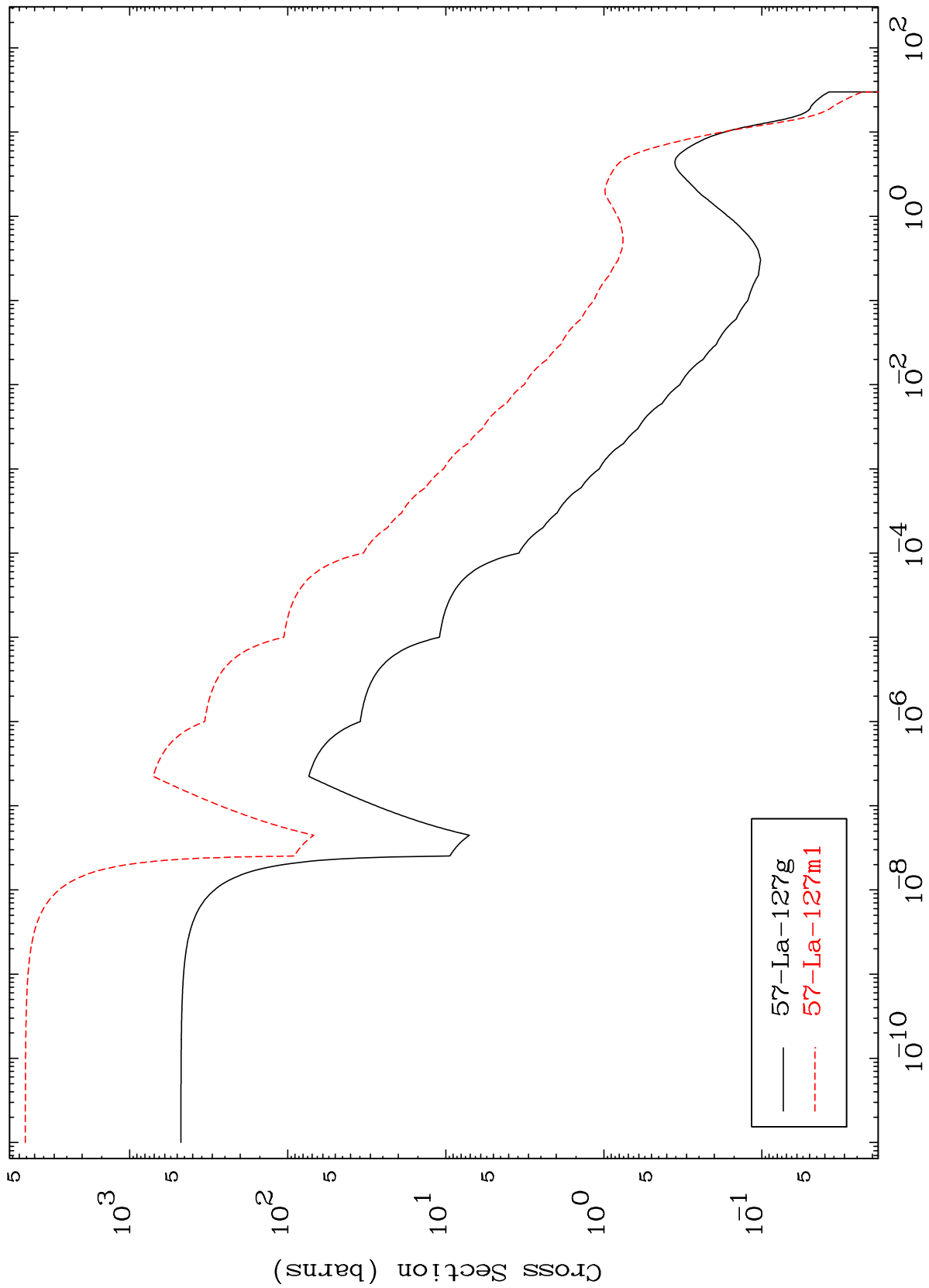
(n,n') p α
Radionuclide Production Cross Section



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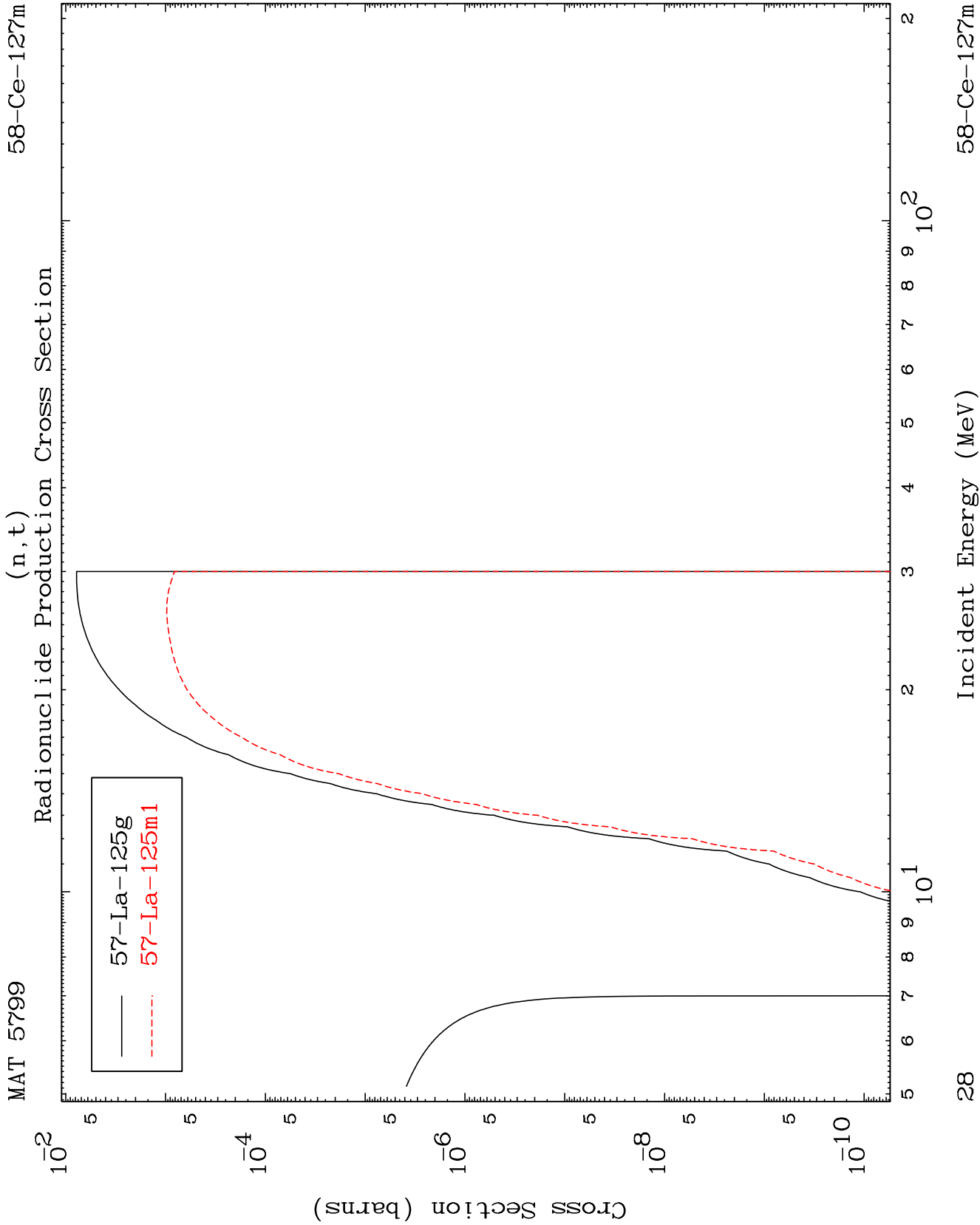
58-Ce-127m

(n,p)
Radionuclide Production Cross Section



27

58-Ce-127m

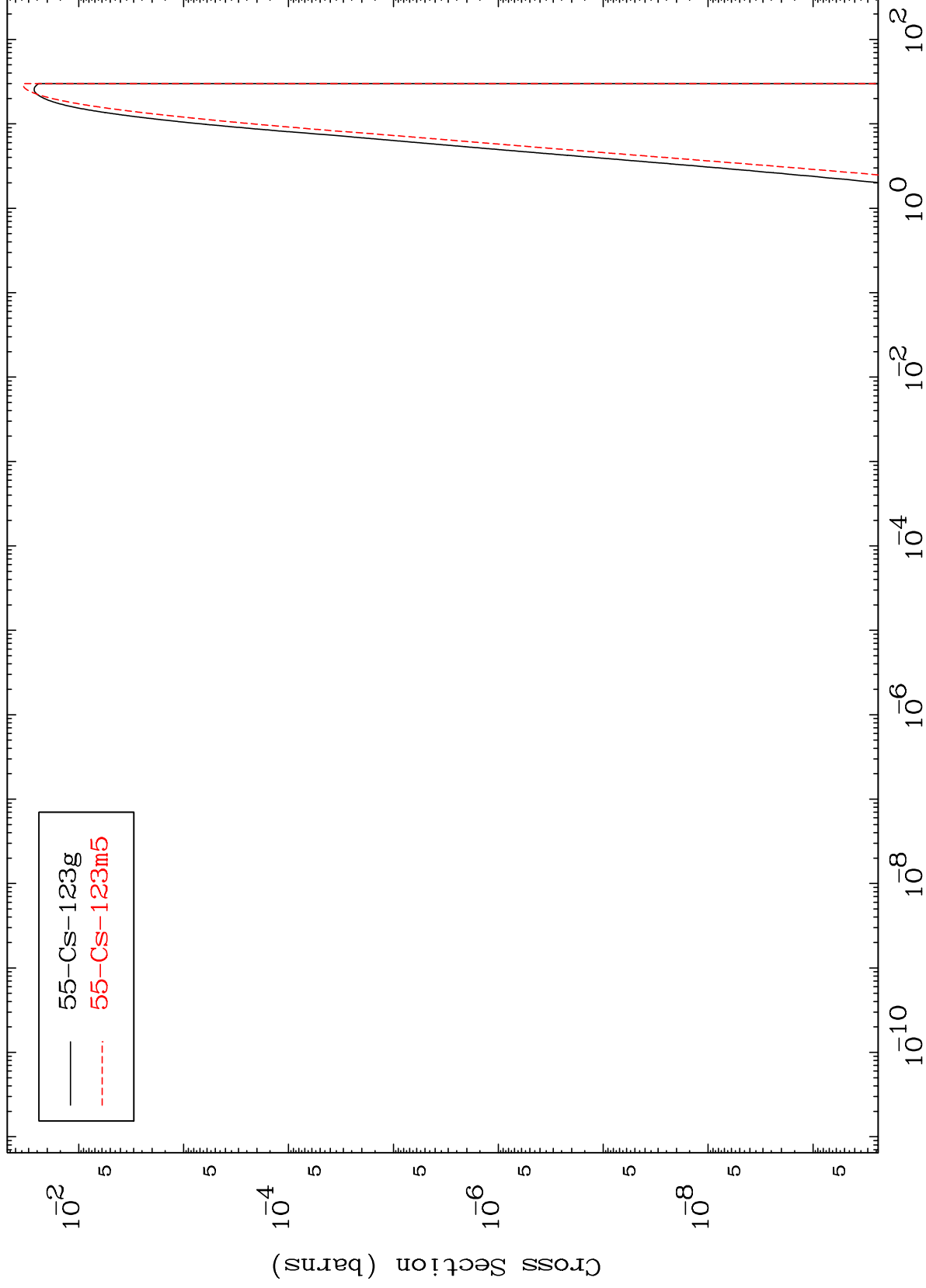


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(n,p) α

58-Ce-127m

Radionuclide Production Cross Section



29

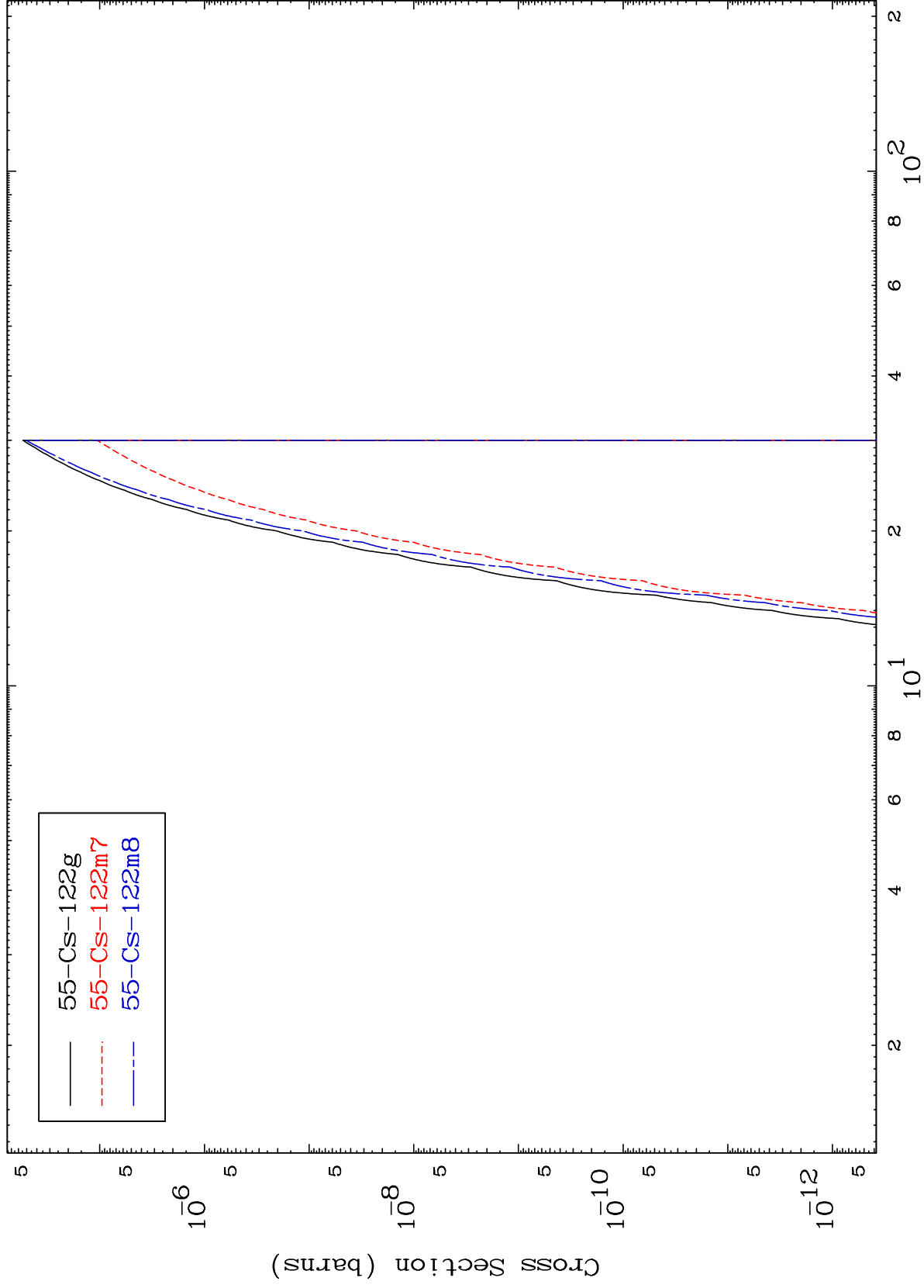
Incident Energy (MeV)

58-Ce-127m

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58-Ce-127m

(n,d) α
Radionuclide Production Cross Section



30

Incident Energy (MeV)

58-Ce-127m