

Program EVALPLOT  
(Version 2018-1)

by

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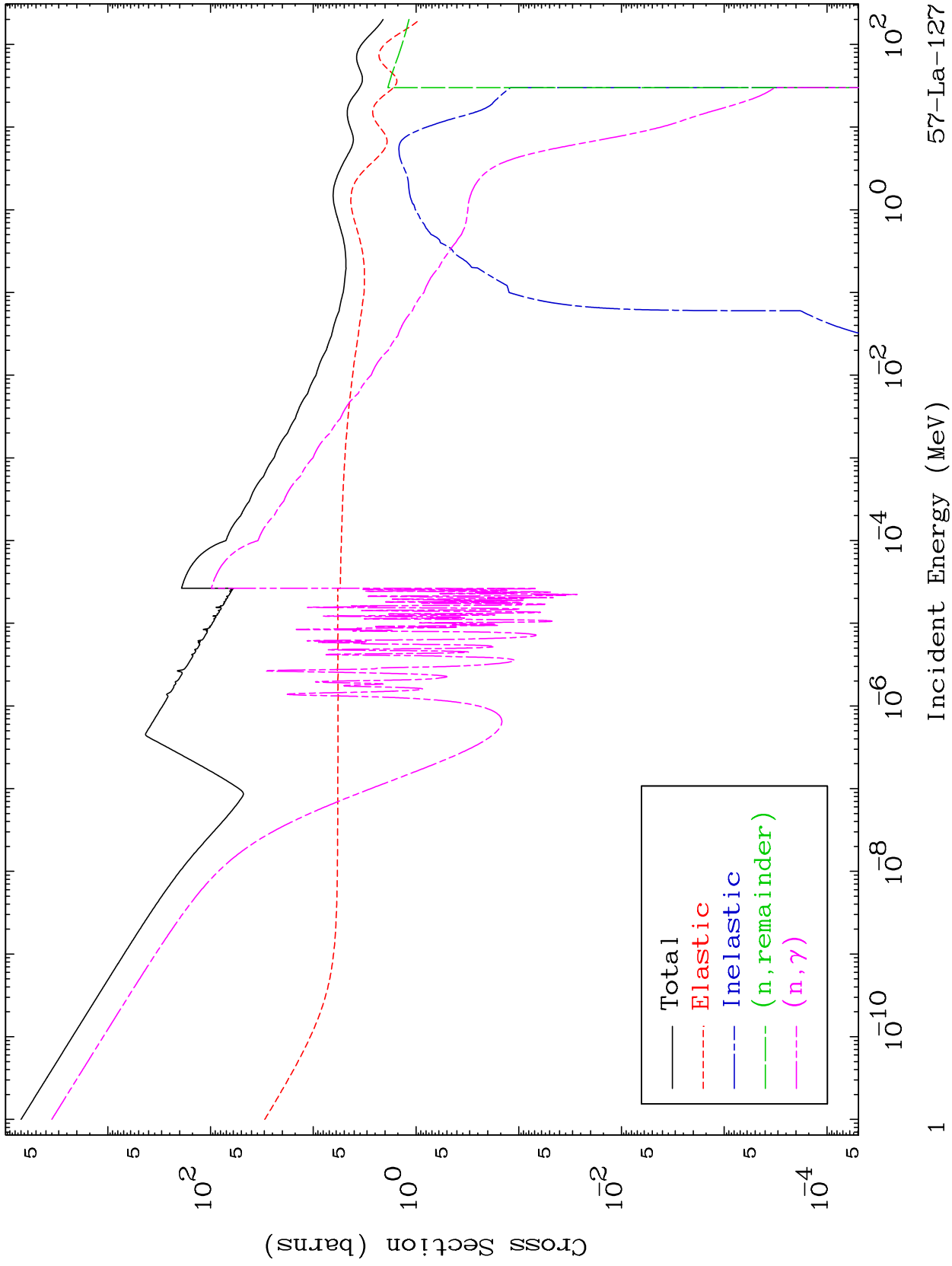
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5693

Major  
293 Kelvin Cross Sections

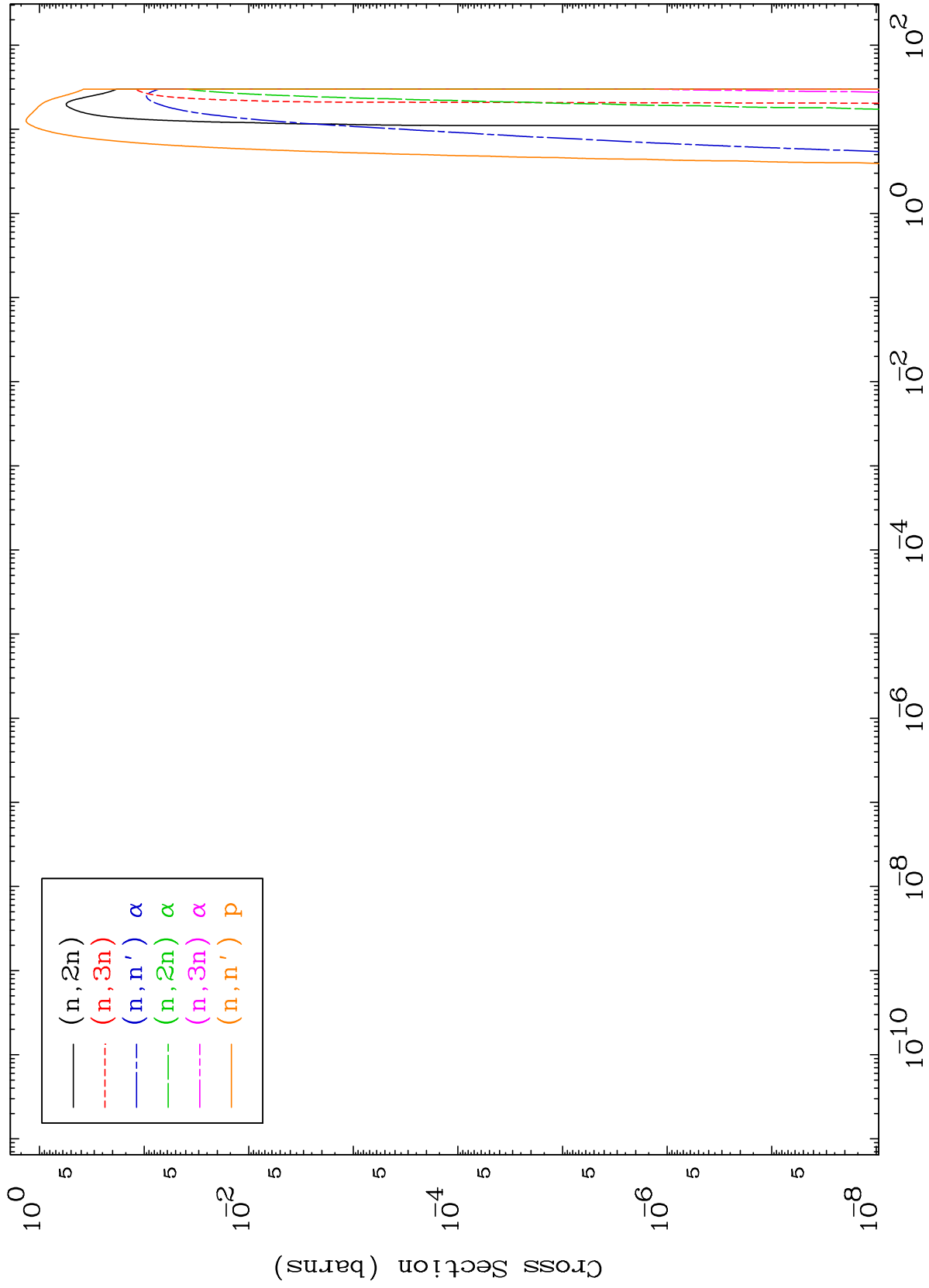
57-La-127



MAT 5693

Neutron Production  
293 Kelvin Cross Sections

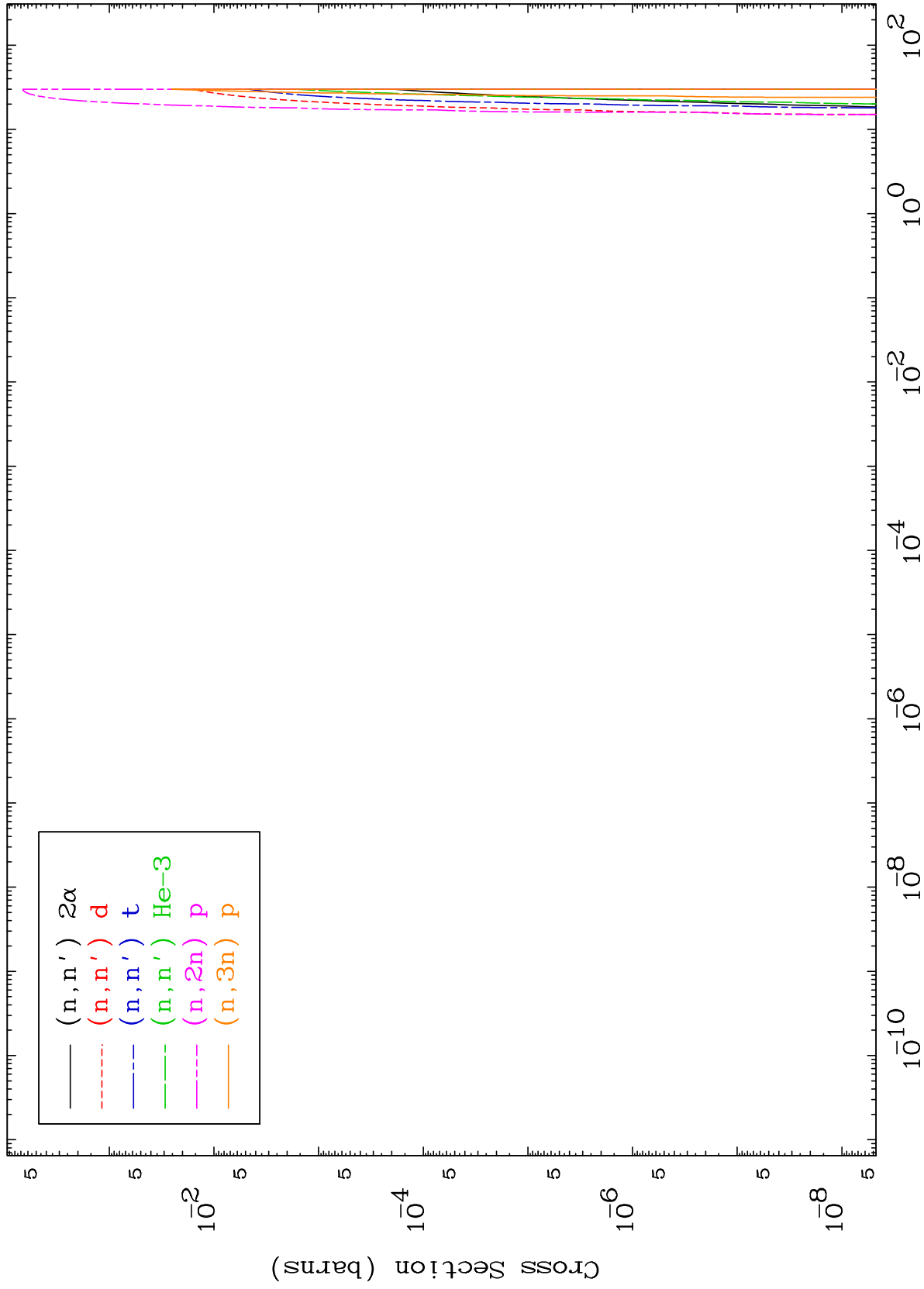
57-La-127



MAT 5693

Neutron Production  
293 Kelvin Cross Sections

57-La-127

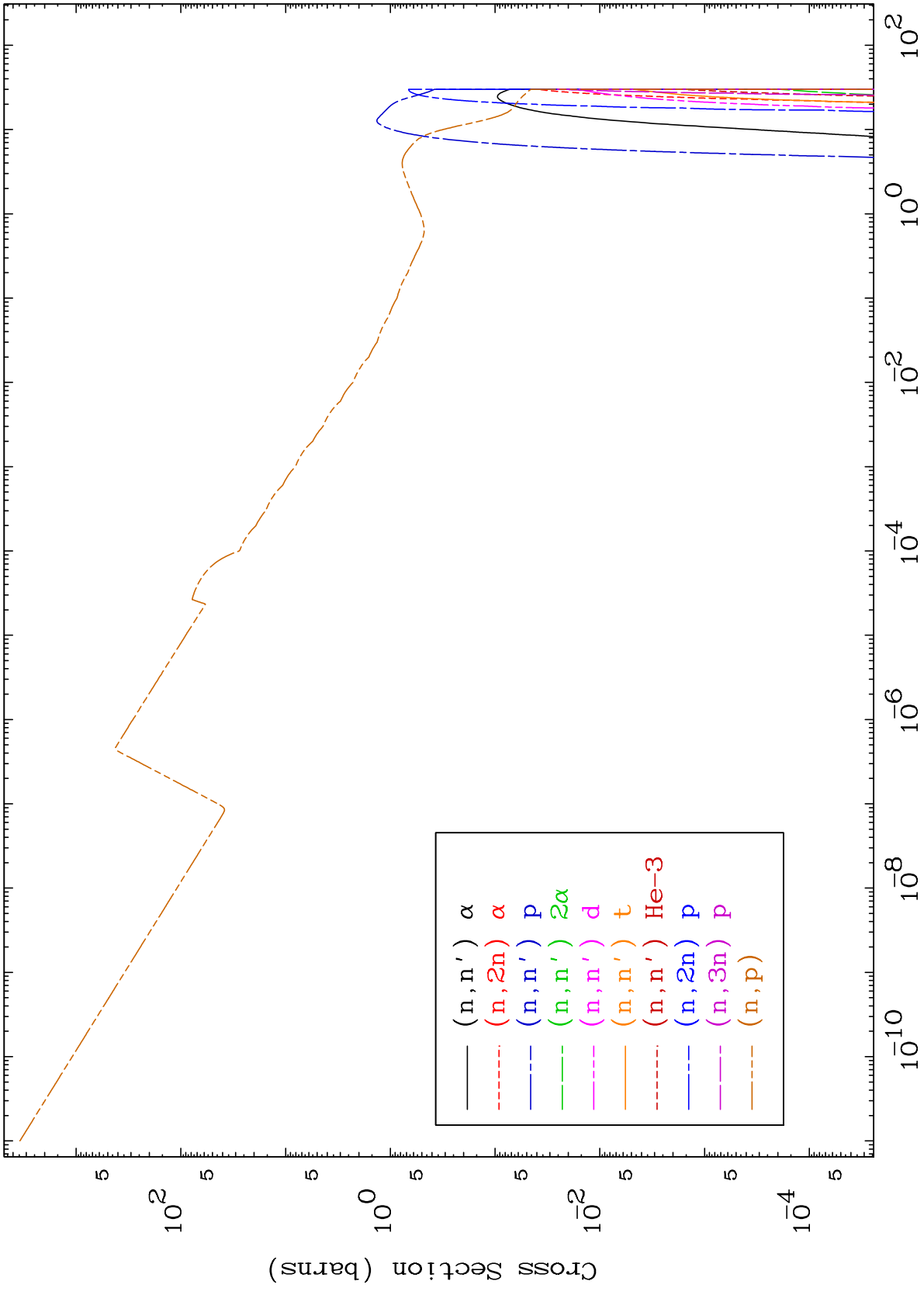


57-La-127

MAT 5693

Charged Particle  
293 Kelvin Cross Sections

57-La-127

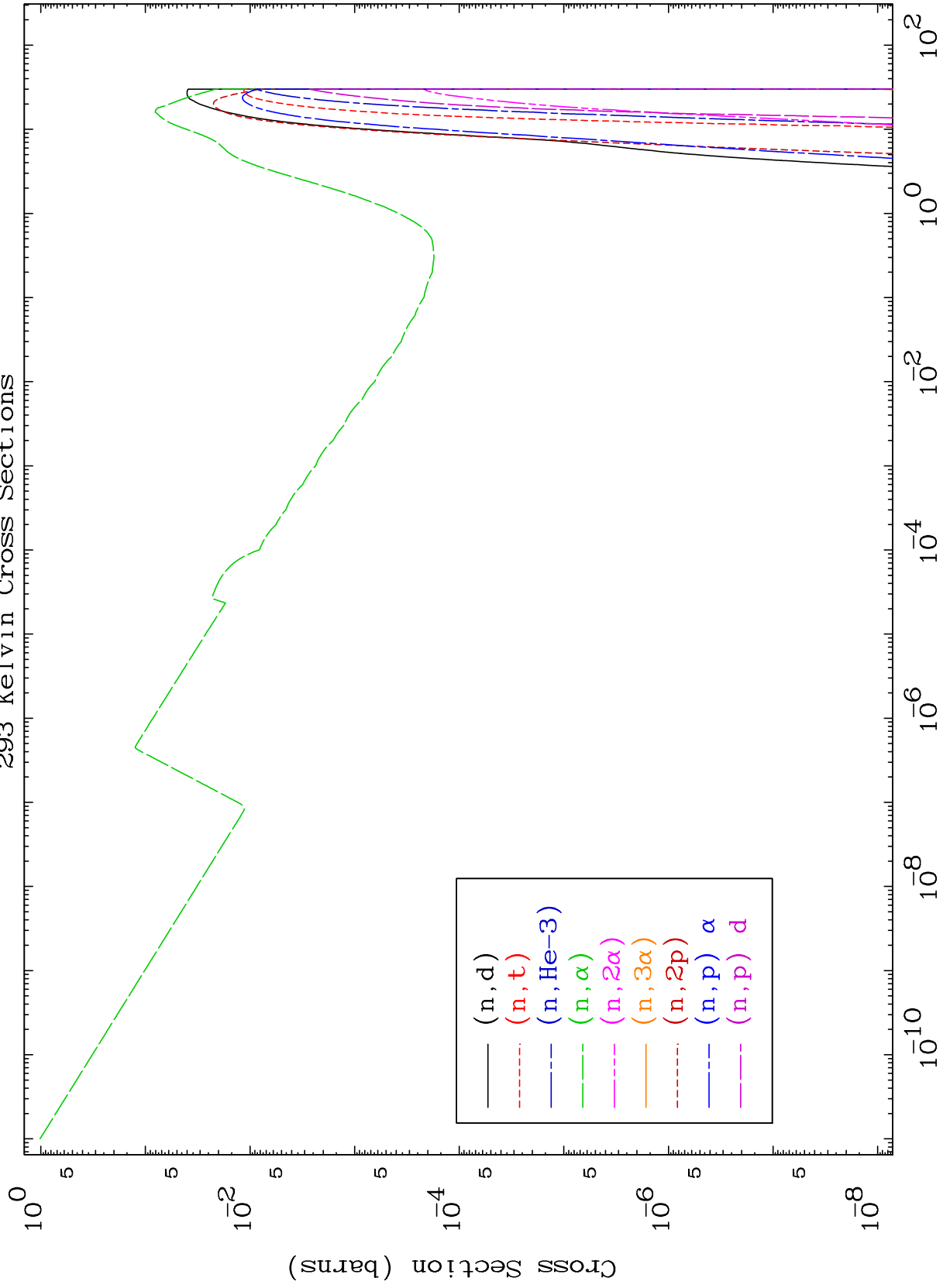


57-La-127

MAT 5693

Charged Particle  
293 Kelvin Cross Sections

57-La-127



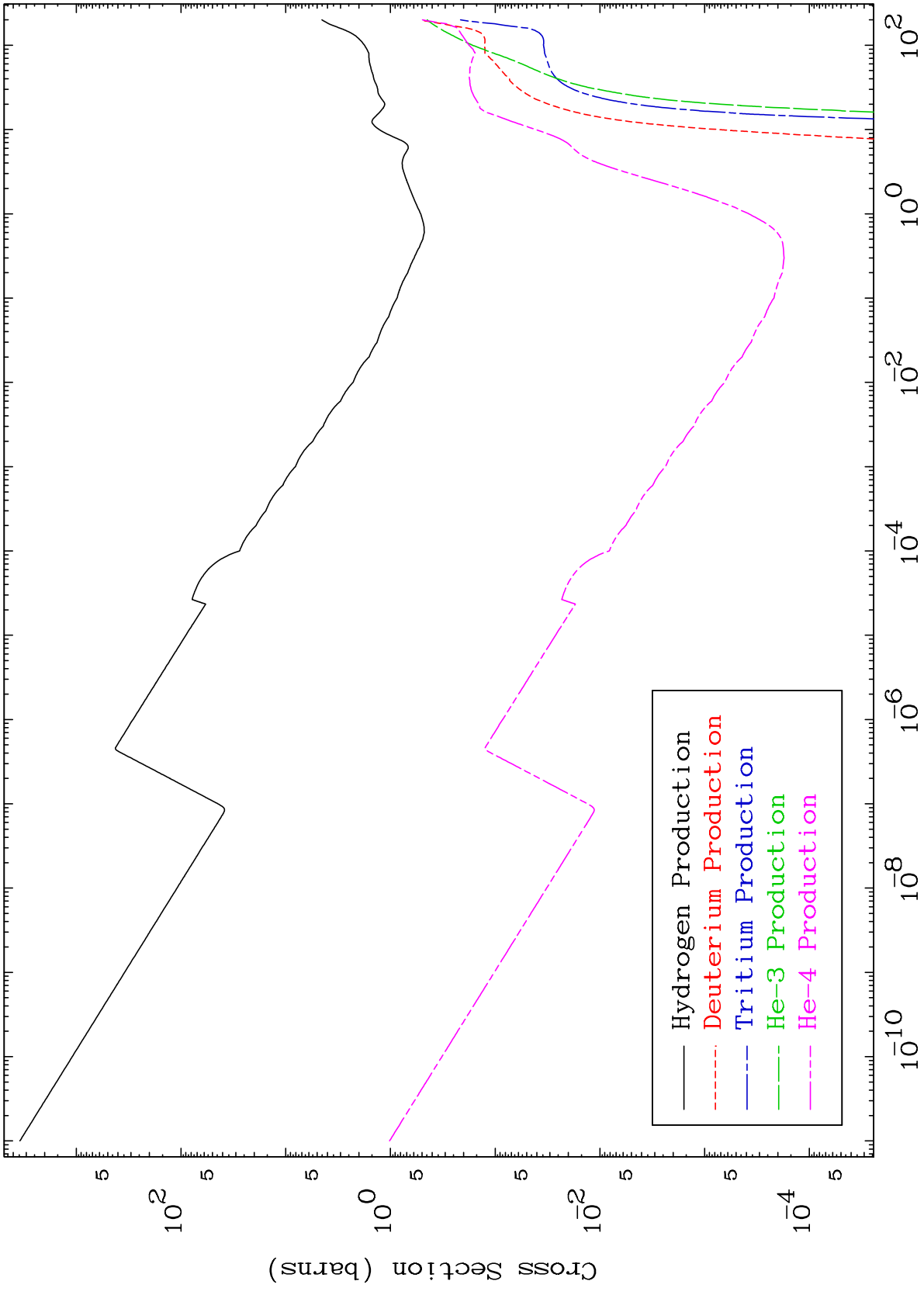
5

57-La-127

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Particle Production  
293 Kelvin Cross Sections

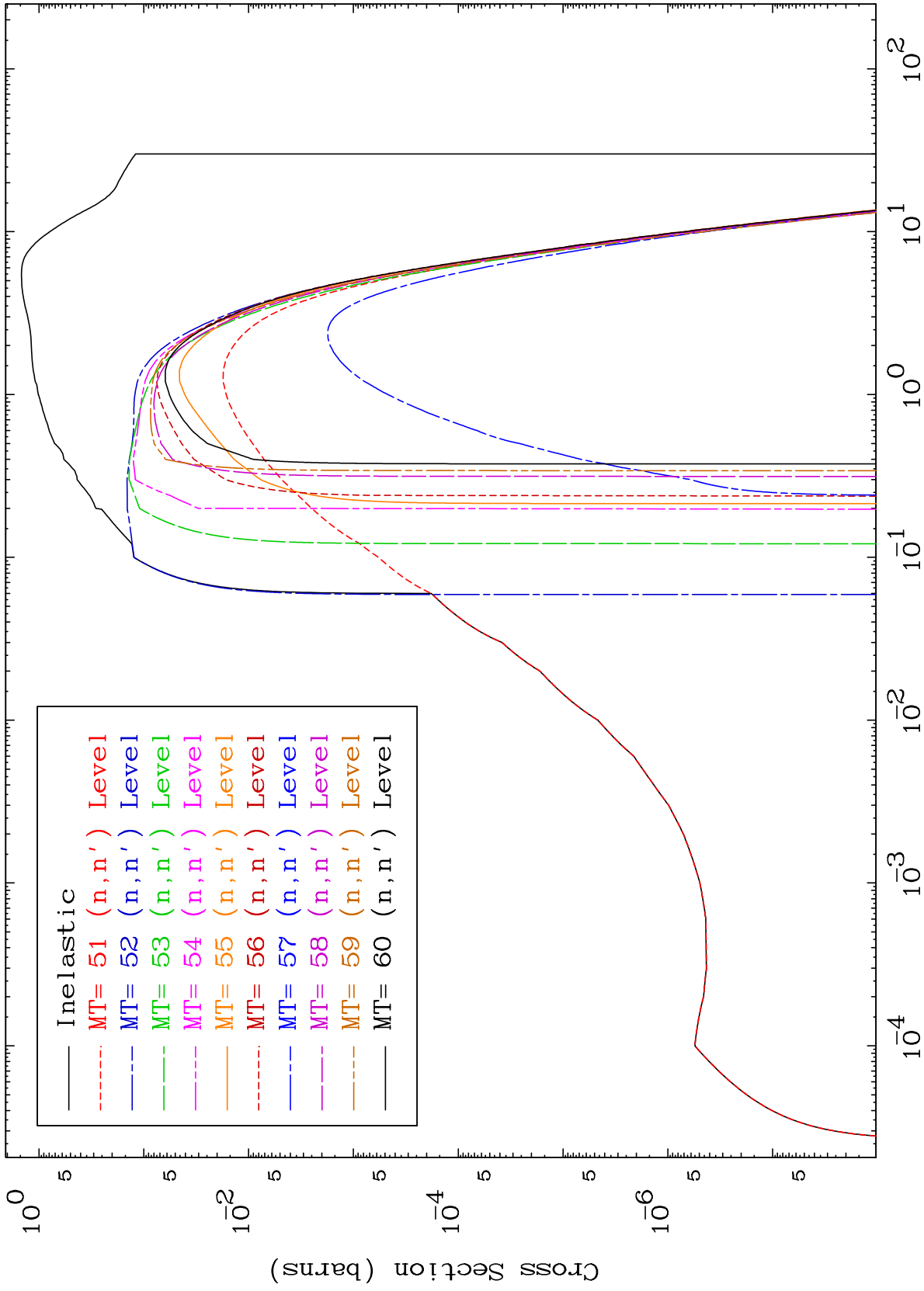
57-La-127



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293 Kelvin Cross Sections  
(n,n') Level

57-La-127



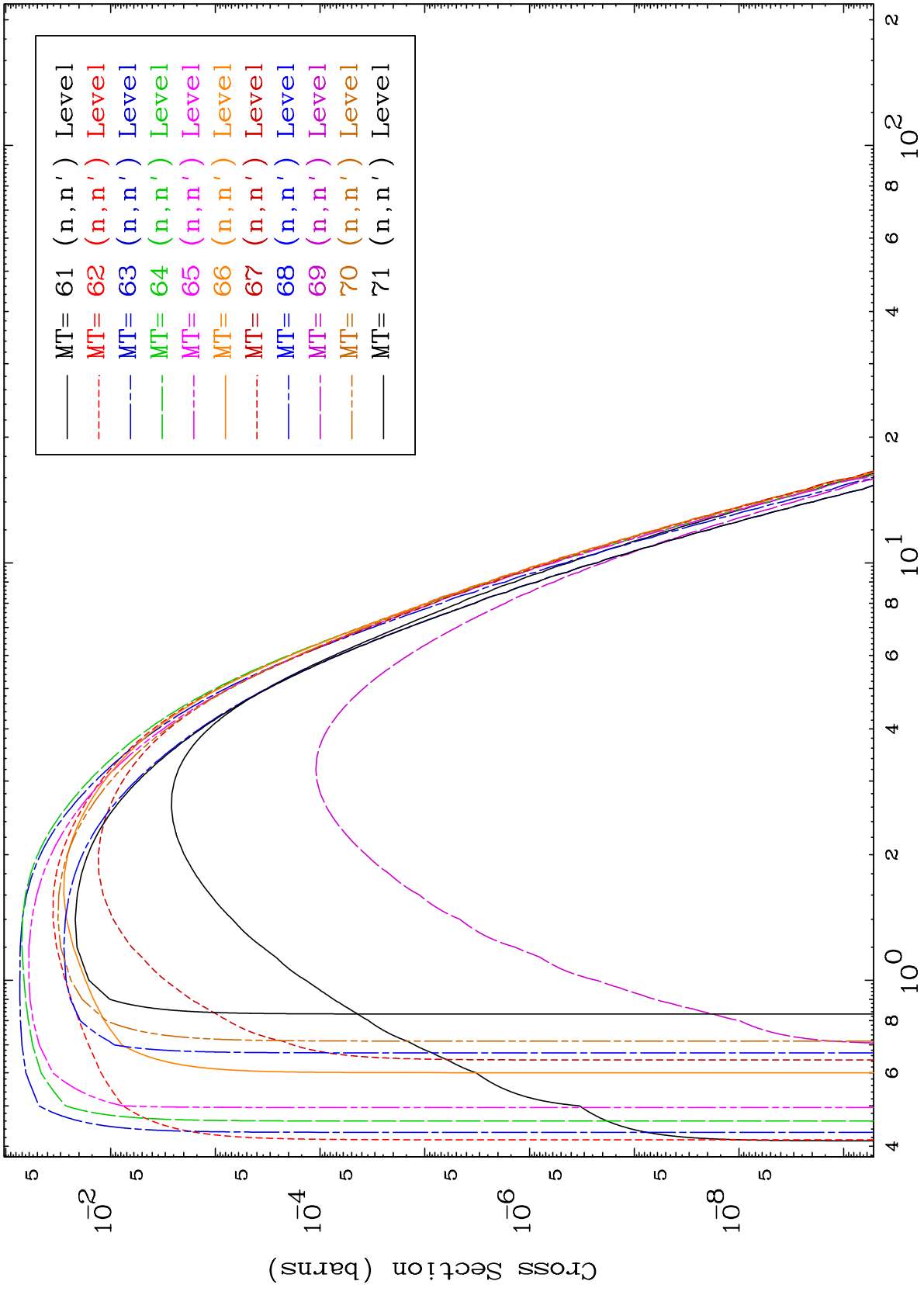


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(n,n') Level

57-La-127

293 Kelvin Cross Sections



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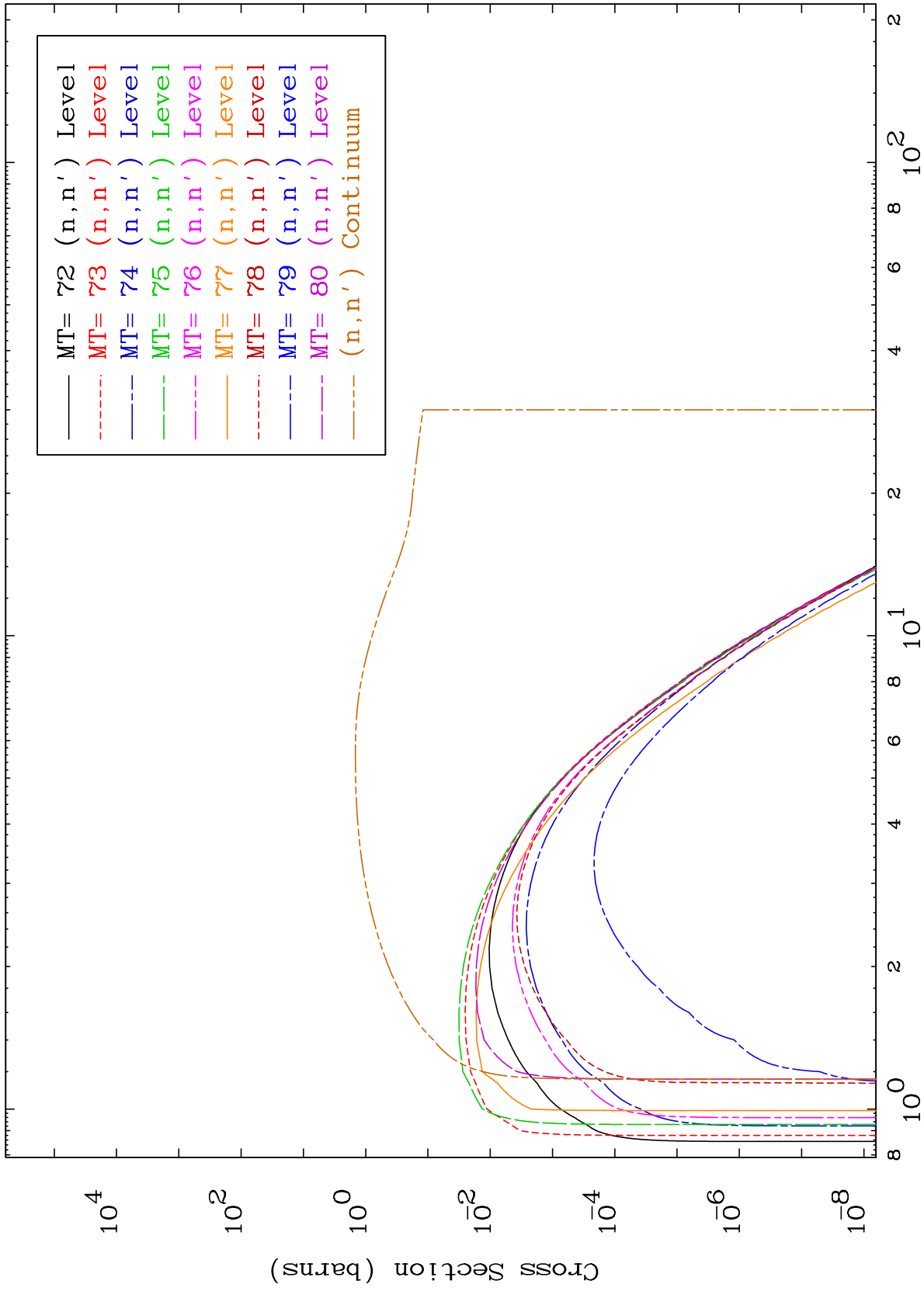
Incident Energy (MeV)

57-La-127

MAT 5693

(n,n') Level  
293 Kelvin Cross Sections

57-La-127



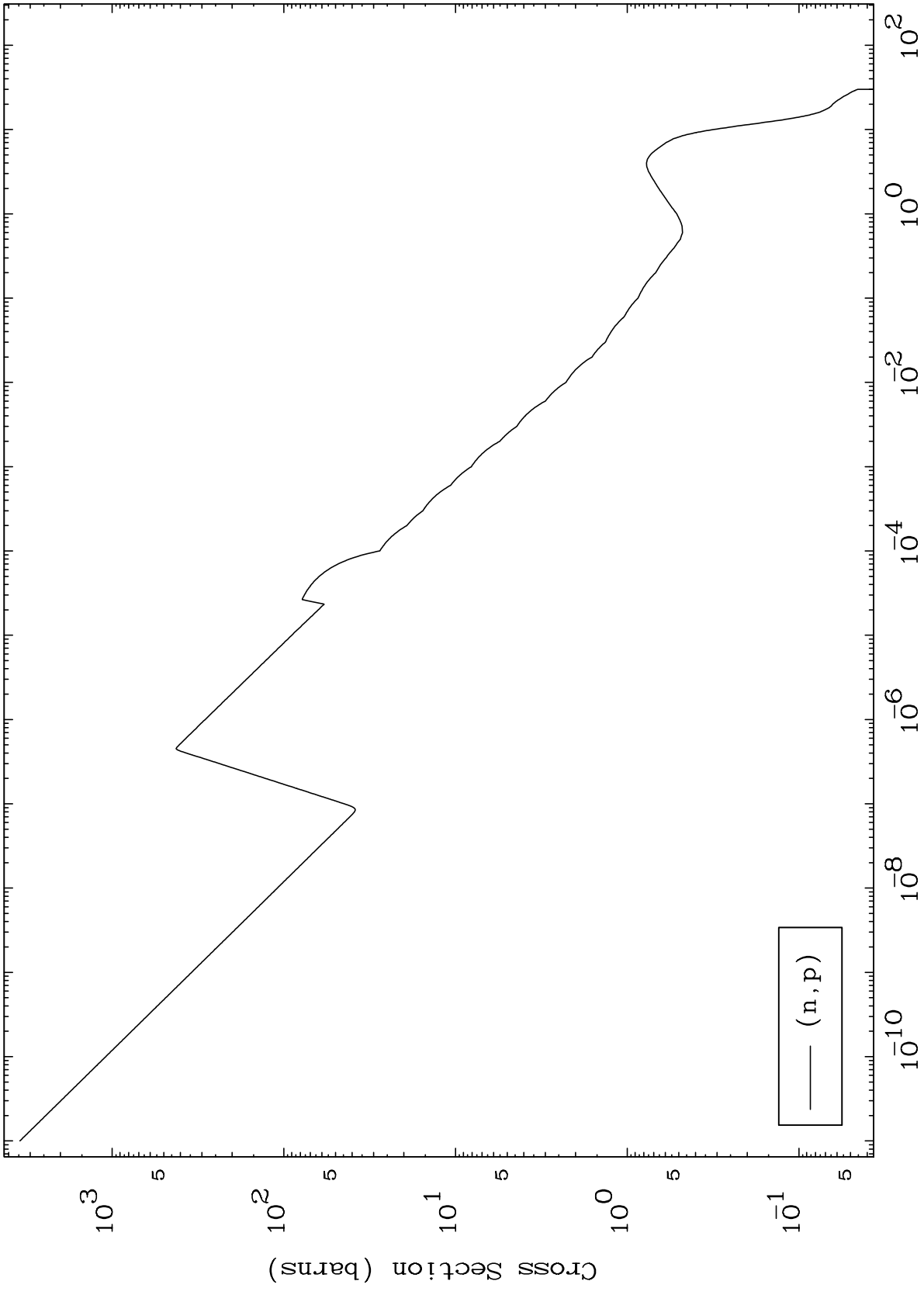
Incident Energy (MeV)

57-La-127

MAT 5693

(n,p) Levels  
293 Kelvin Cross Sections

57-La-127



10

Incident Energy (MeV)

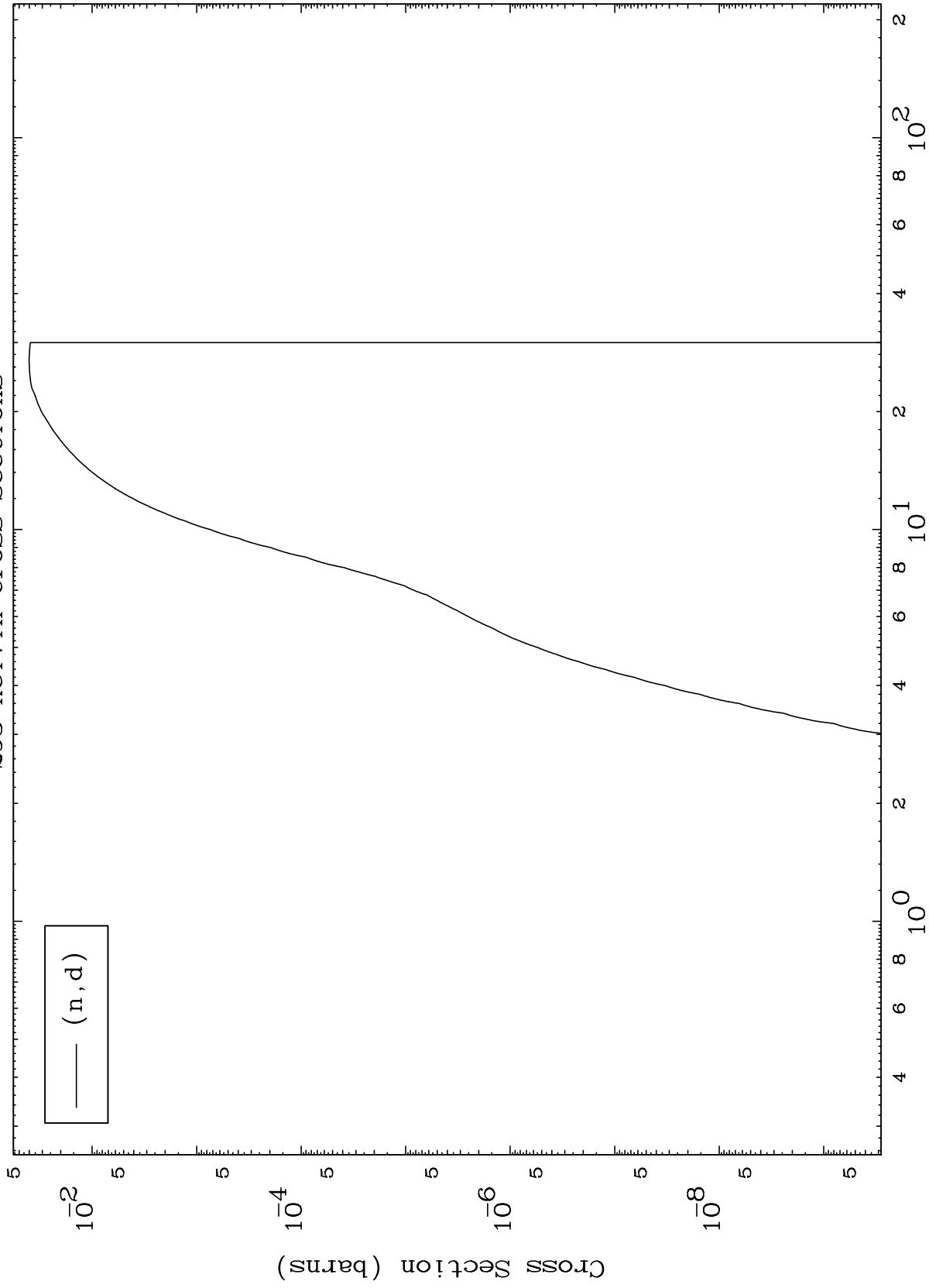
57-La-127

(n,p)

MAT 5693

(n,d) Levels  
293 Kelvin Cross Sections

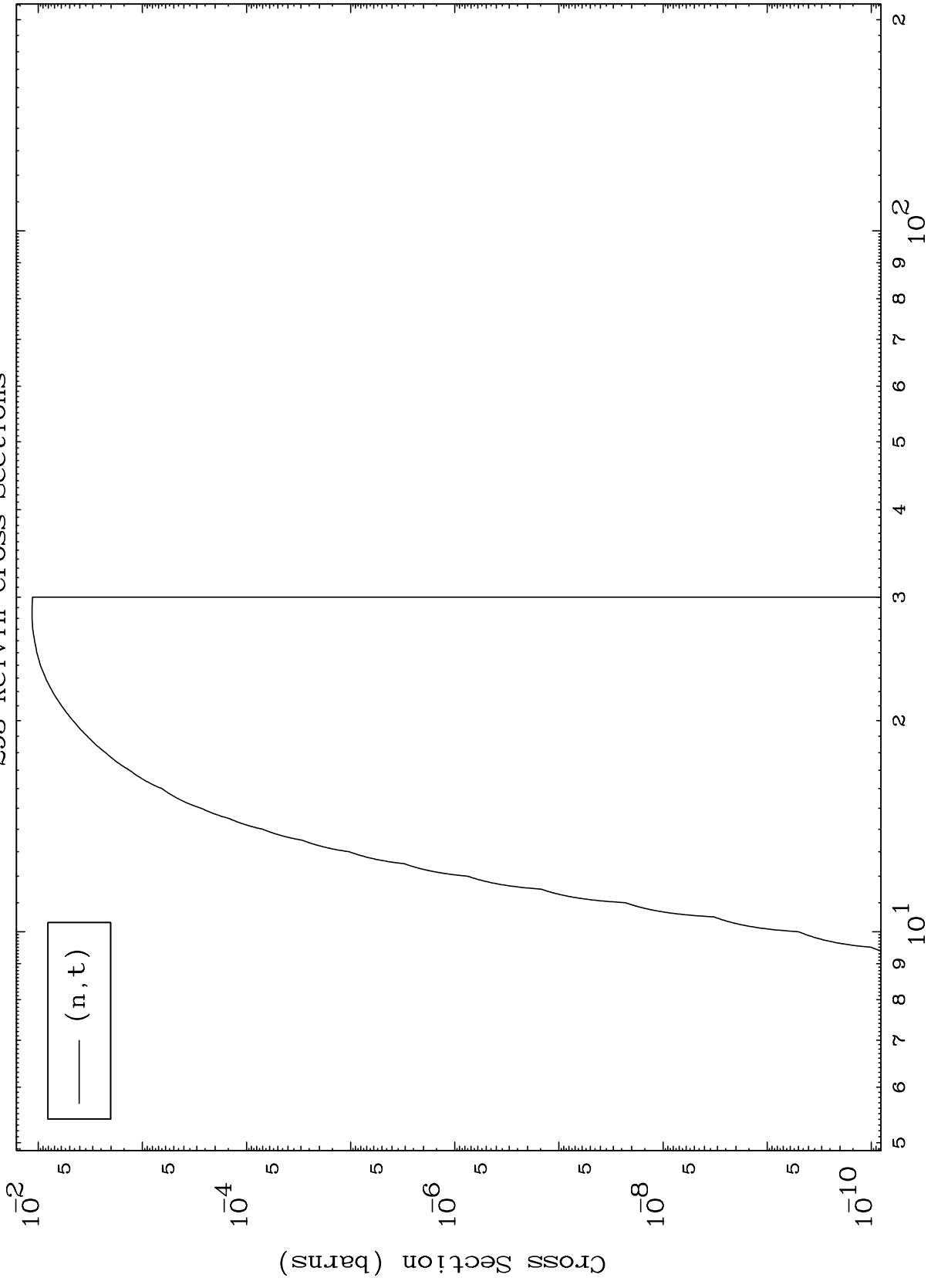
57-La-127



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(n,t) Levels  
293 Kelvin Cross Sections

57-La-127



12

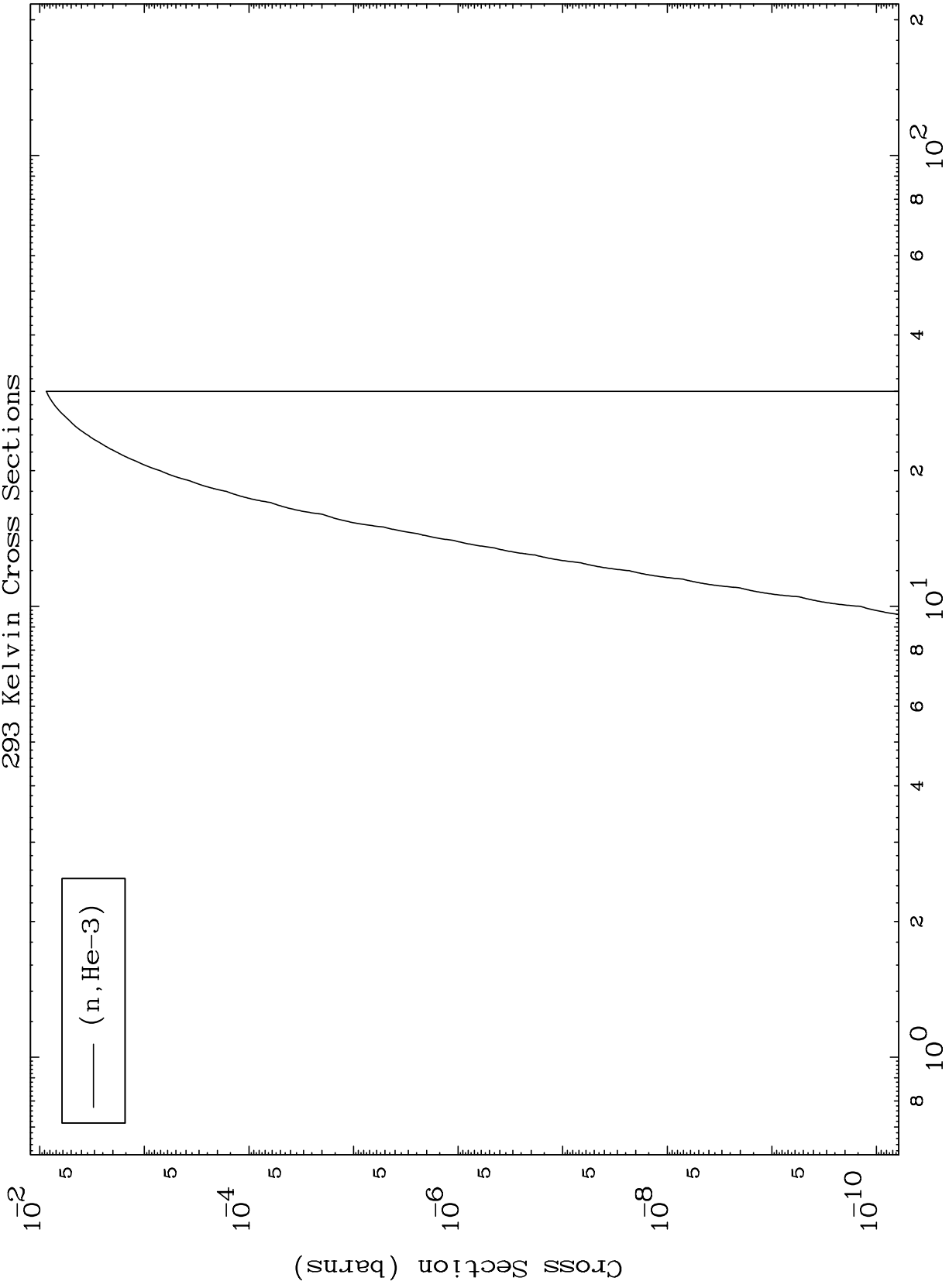
Incident Energy (MeV)

57-La-127

MAT 5693

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-127



13

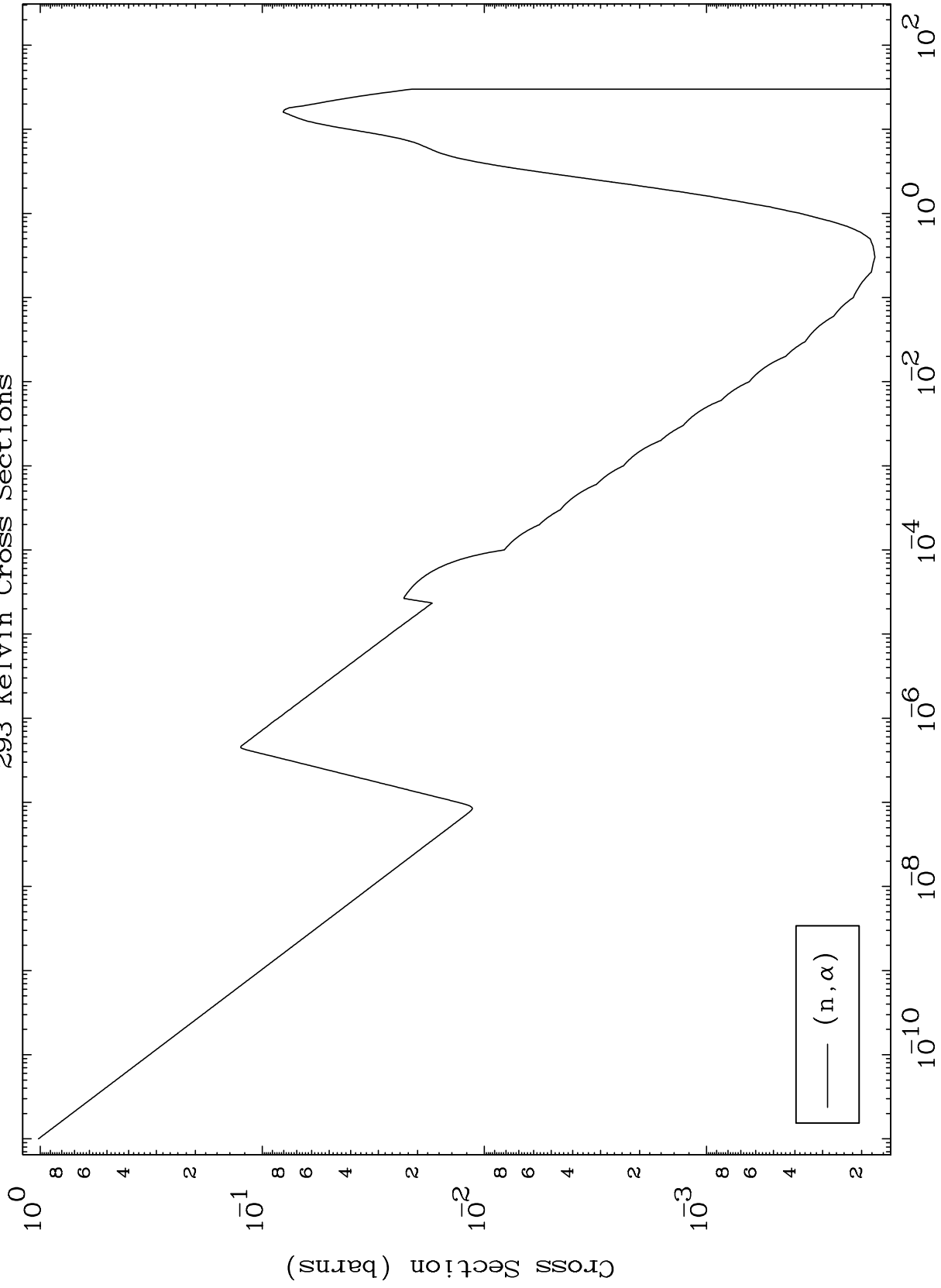
Incident Energy (MeV)

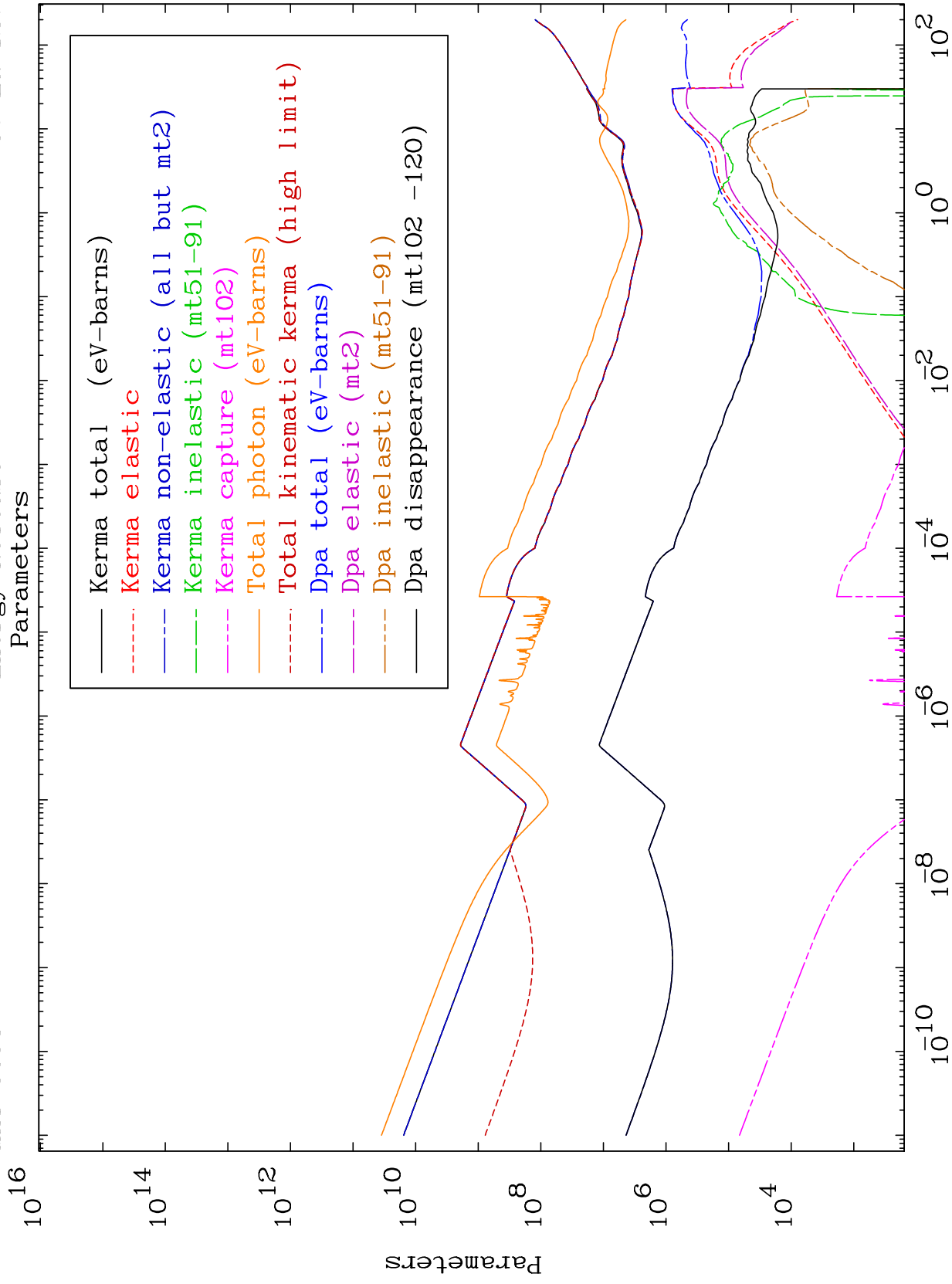
57-La-127

MAT 5693

(n,α) Levels  
293 Kelvin Cross Sections

57-La-127



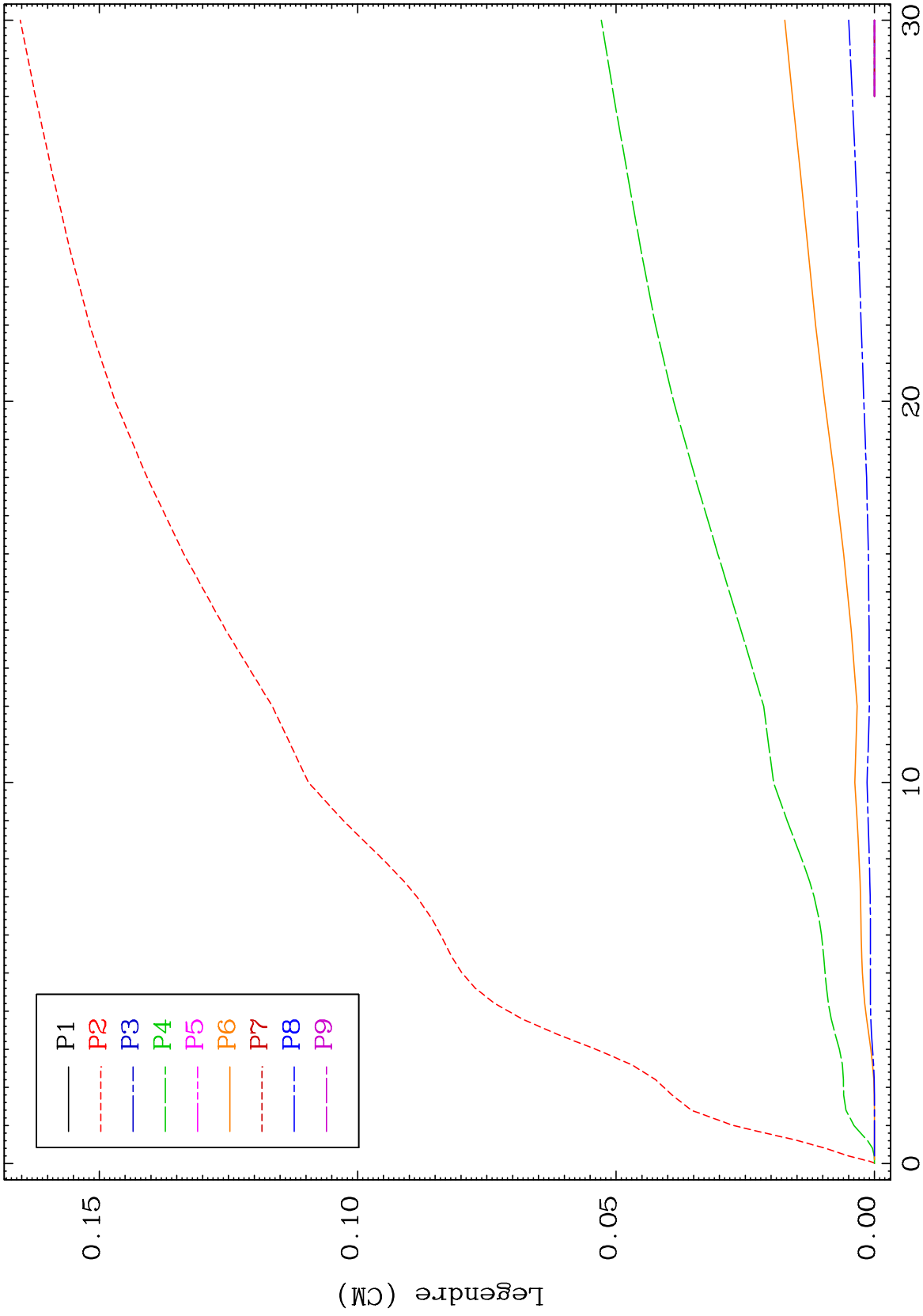




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Elastic Legendre Coefficients

57-La-127



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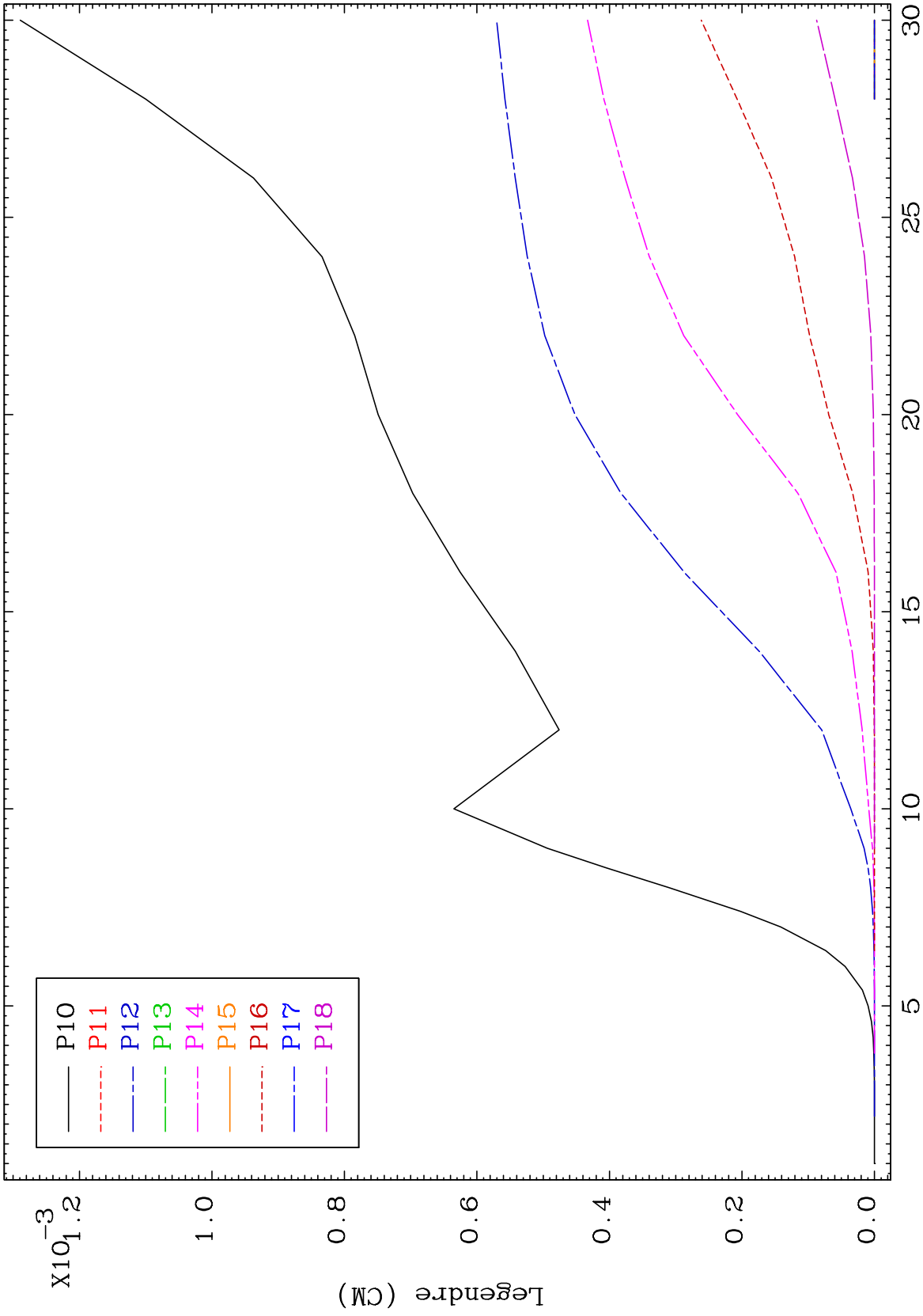
Incident Energy (MeV)

57-La-127

MAT 5693

Elastic Legendre Coefficients

<sup>57</sup>La-127



17

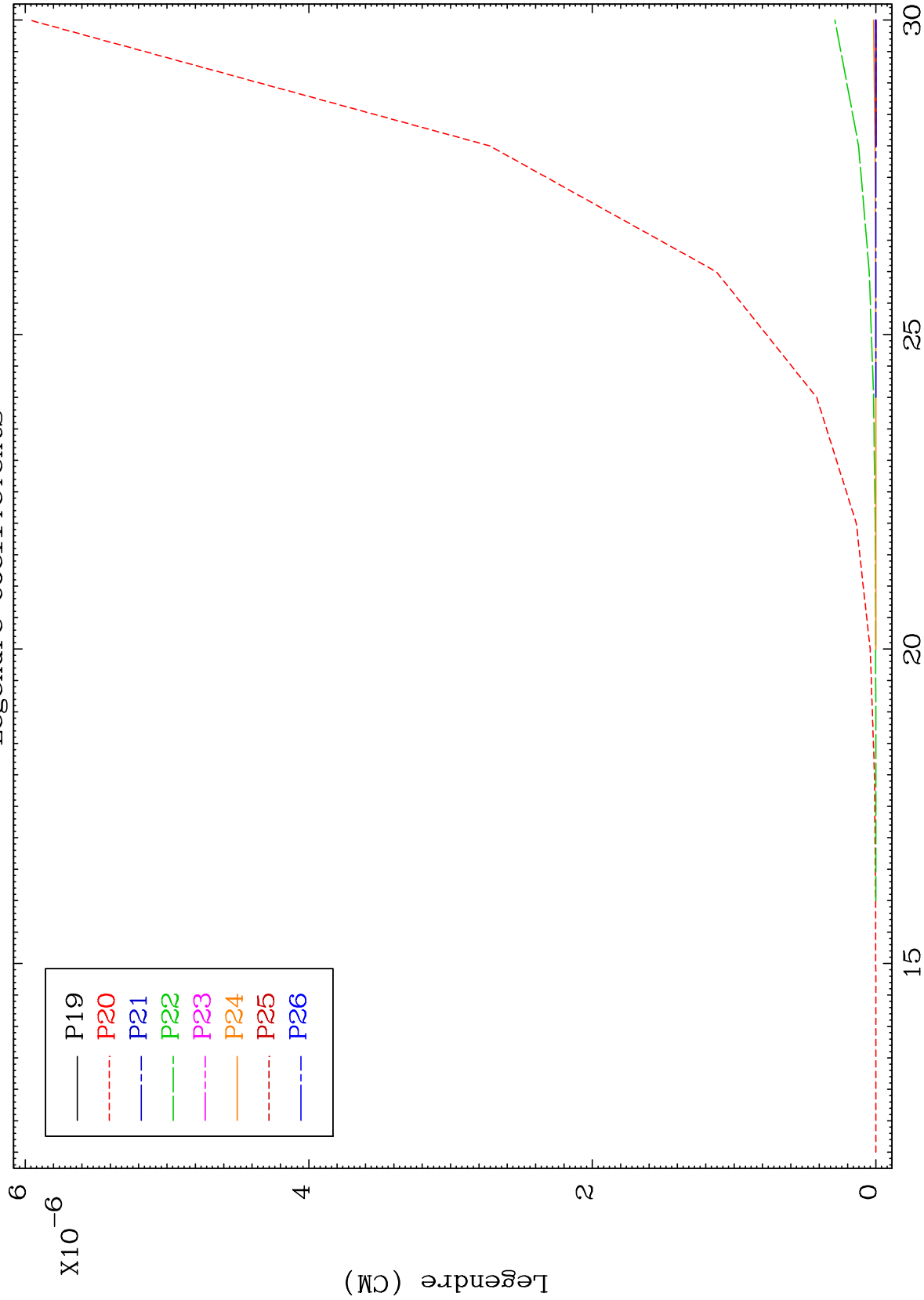
Incident Energy (MeV)

<sup>57</sup>La-127

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Elastic Legendre Coefficients

57-La-127



18

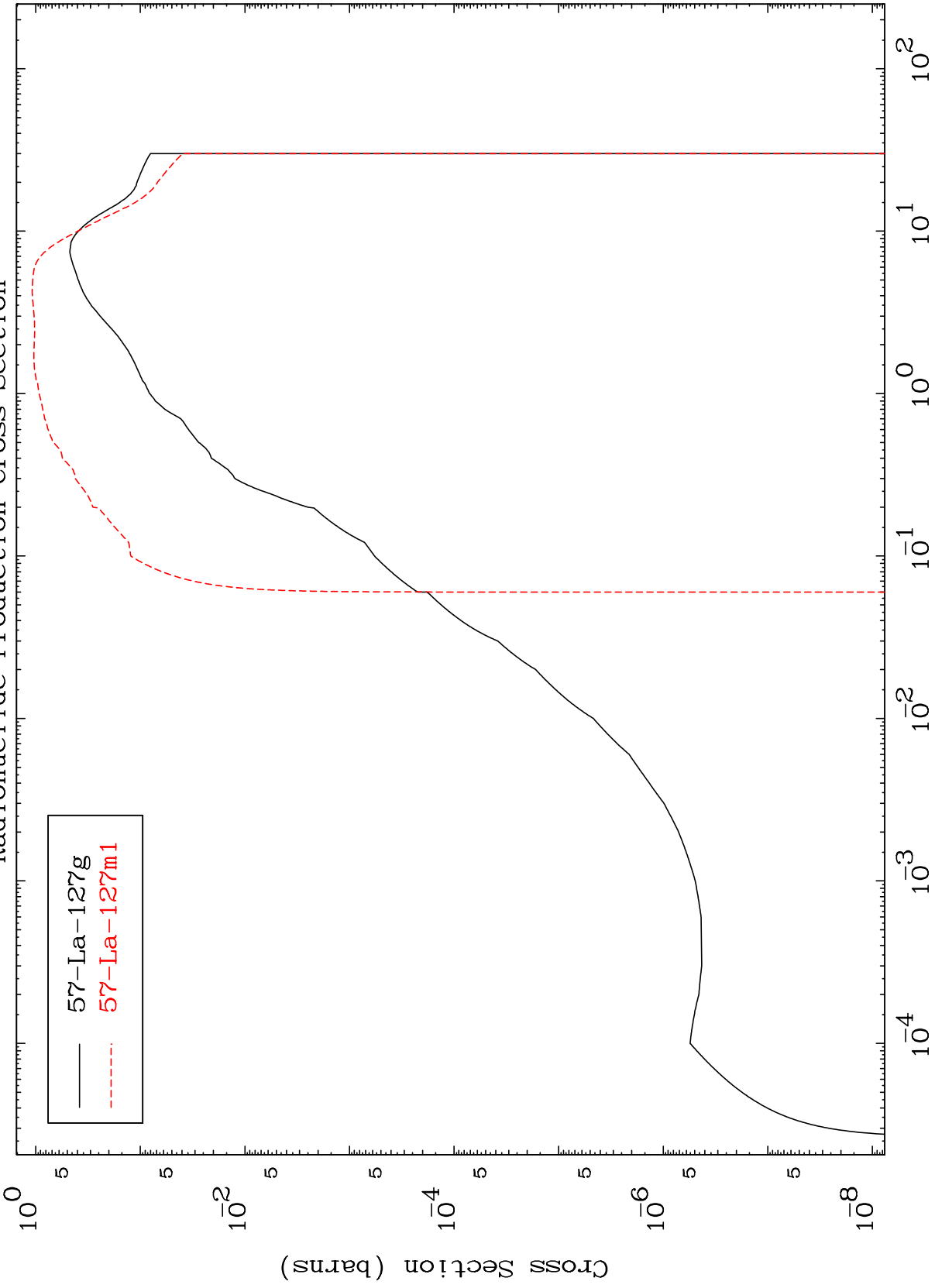
Incident Energy (MeV)

57-La-127

MAT 5693

57-La-127

Inelastic  
Radionuclide Production Cross Section



— 57-La-127g  
- - - 57-La-127m1

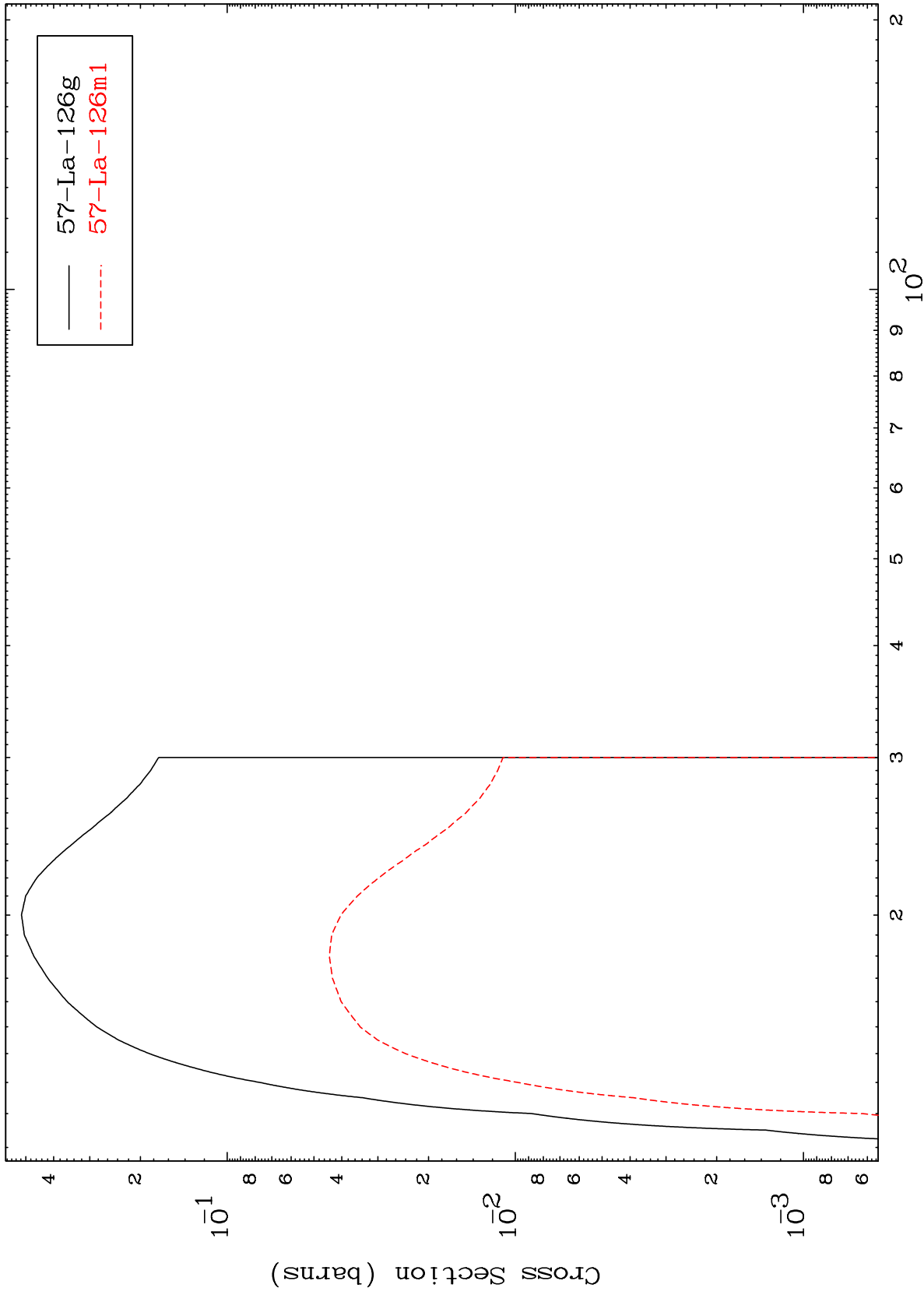
19

57-La-127

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57-La-127

(n,2n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

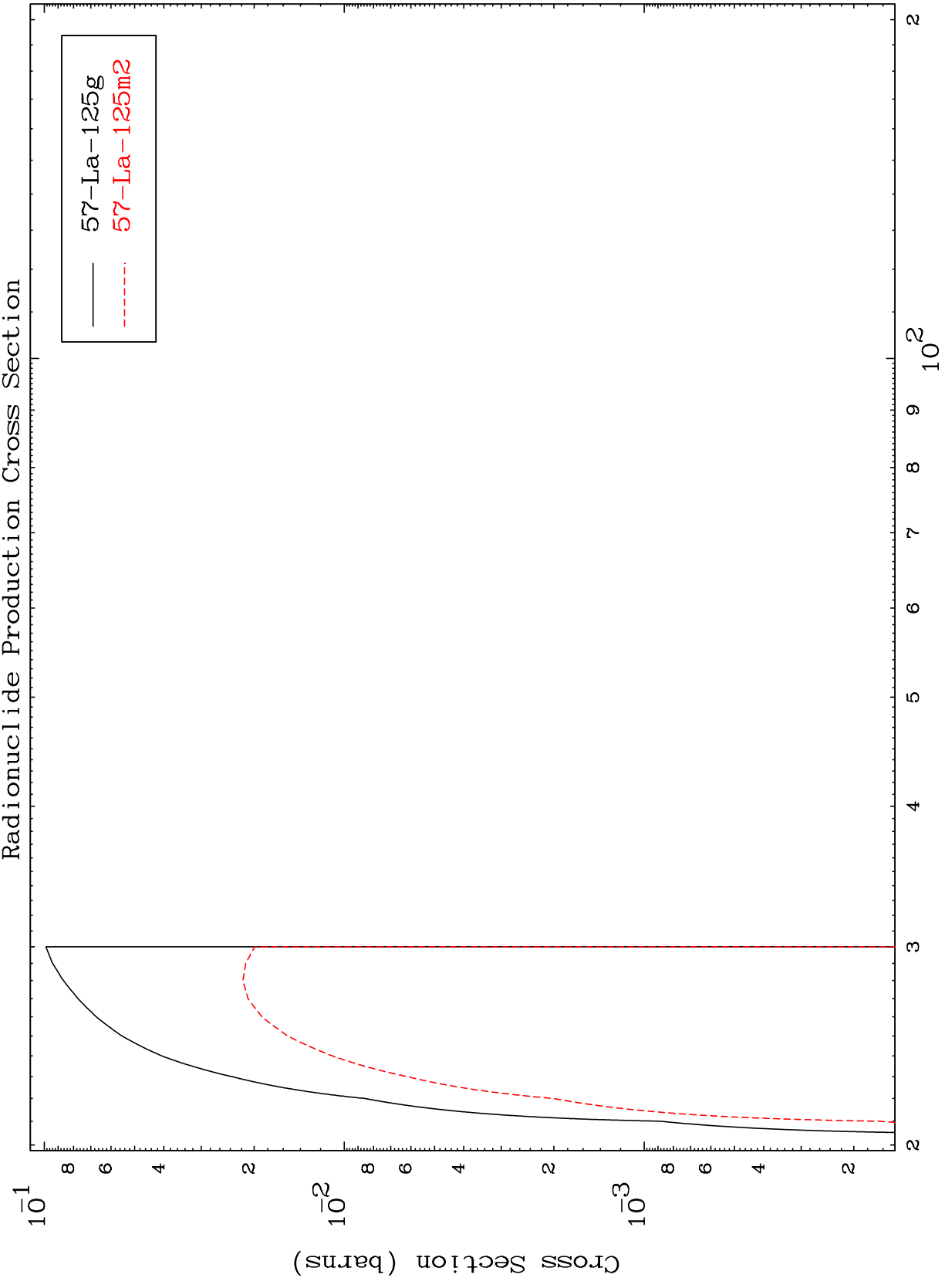
57-La-127

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(n,3n)

57-La-127

Radionuclide Production Cross Section



57-La-125g  
57-La-125m2

21

Incident Energy (MeV)

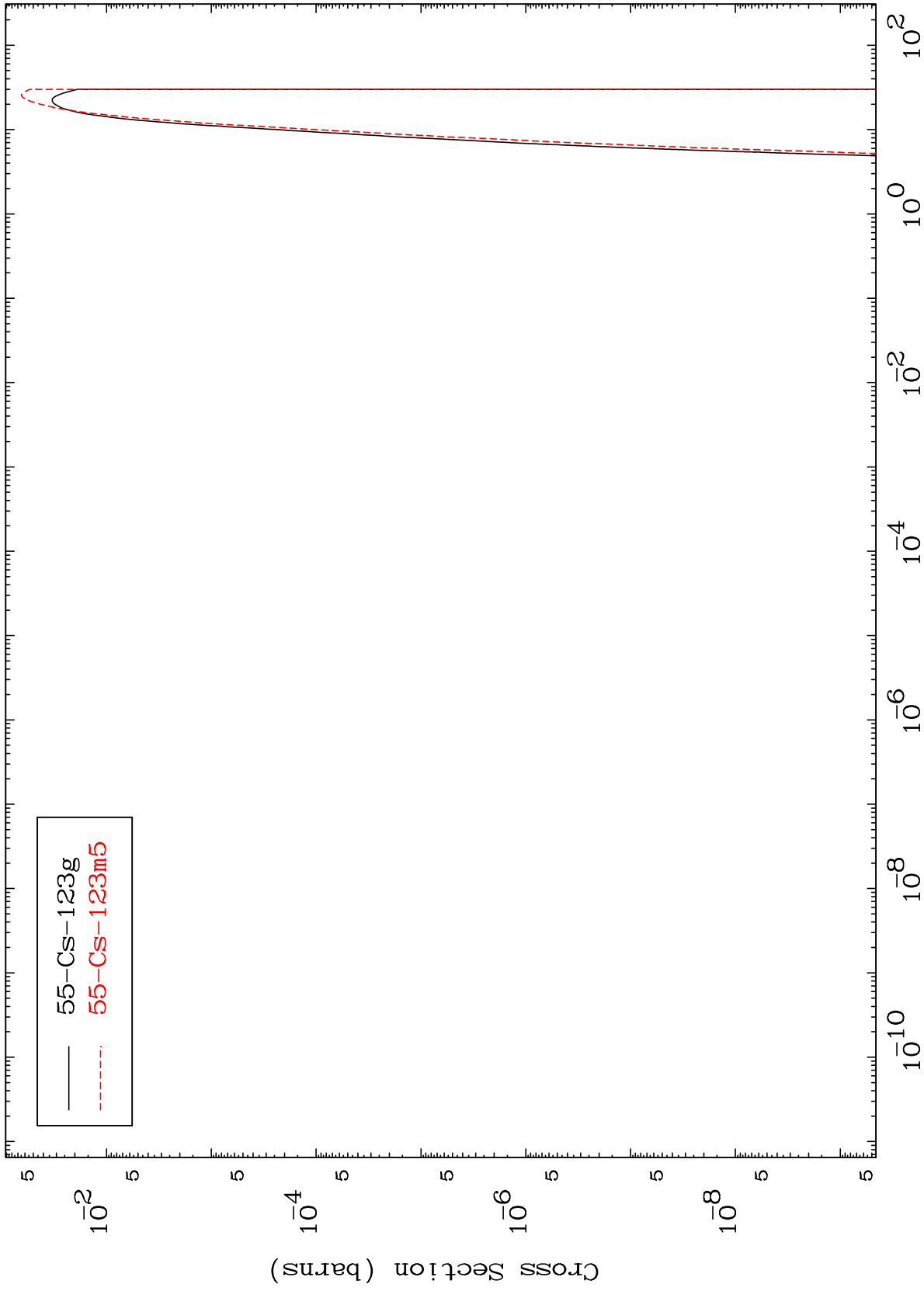
57-La-127

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(n, n')  $\alpha$

57-La-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

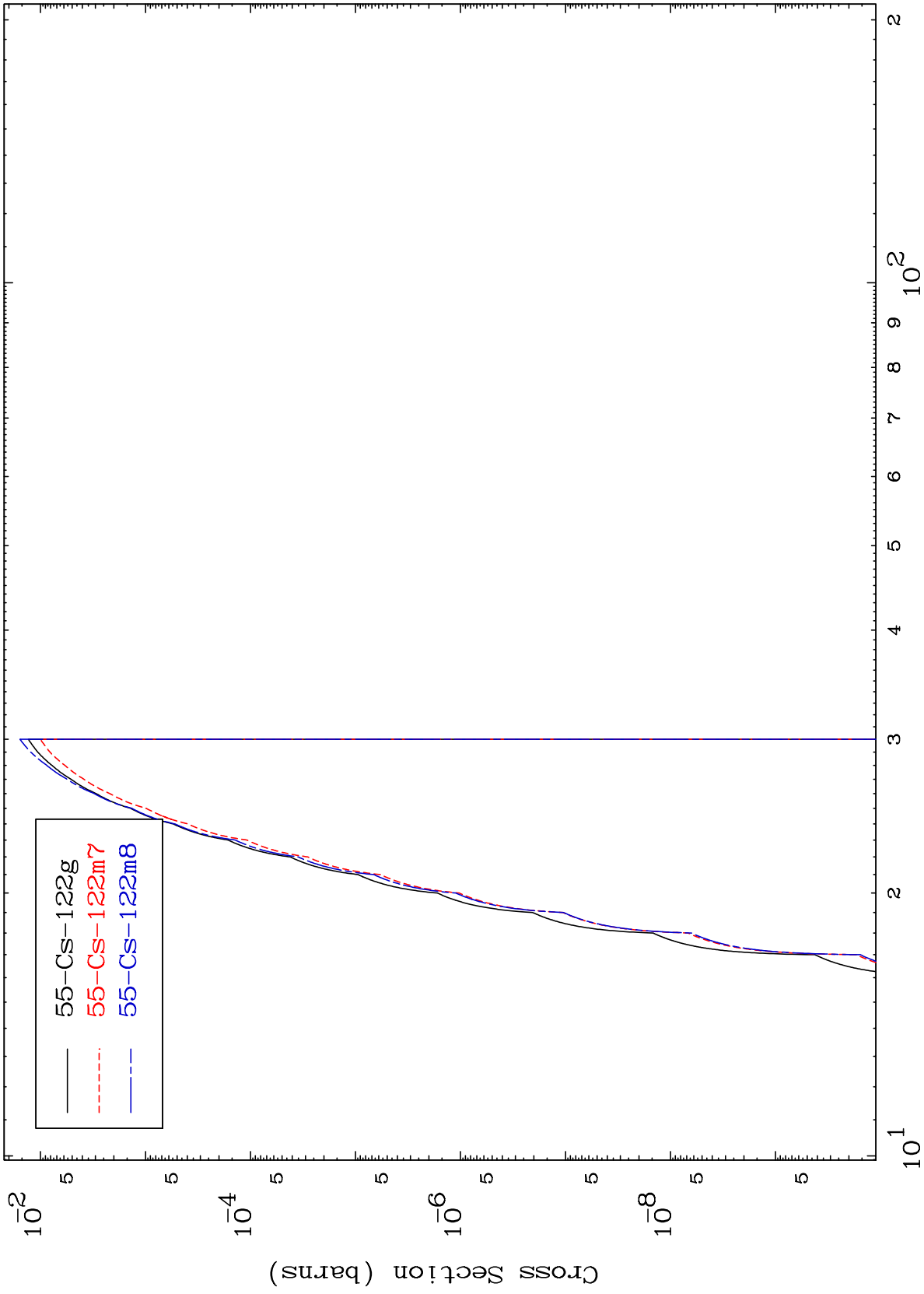
57-La-127

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(n,2n)  $\alpha$

57-La-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

57-La-127

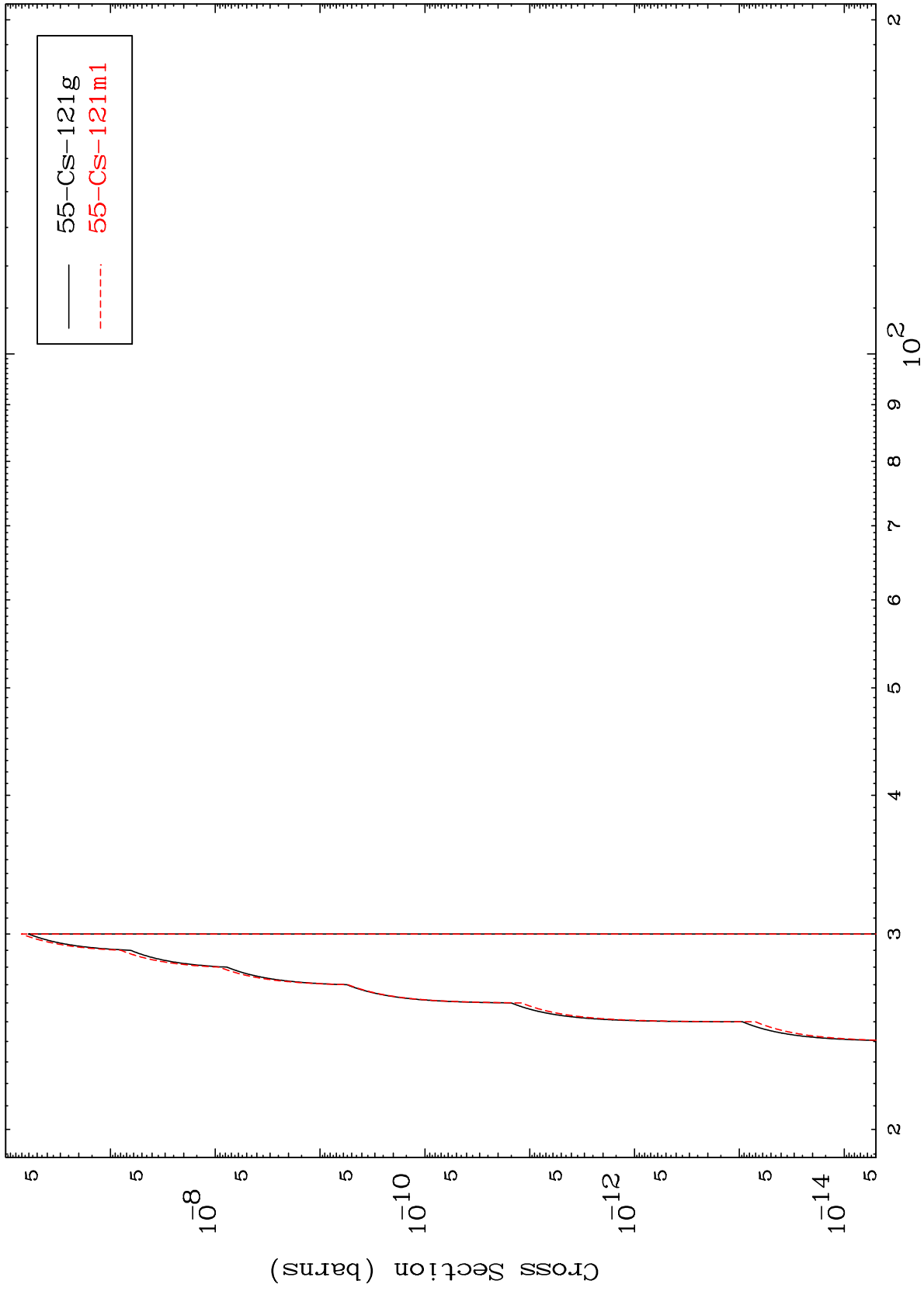


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(n,3n)  $\alpha$

57-La-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

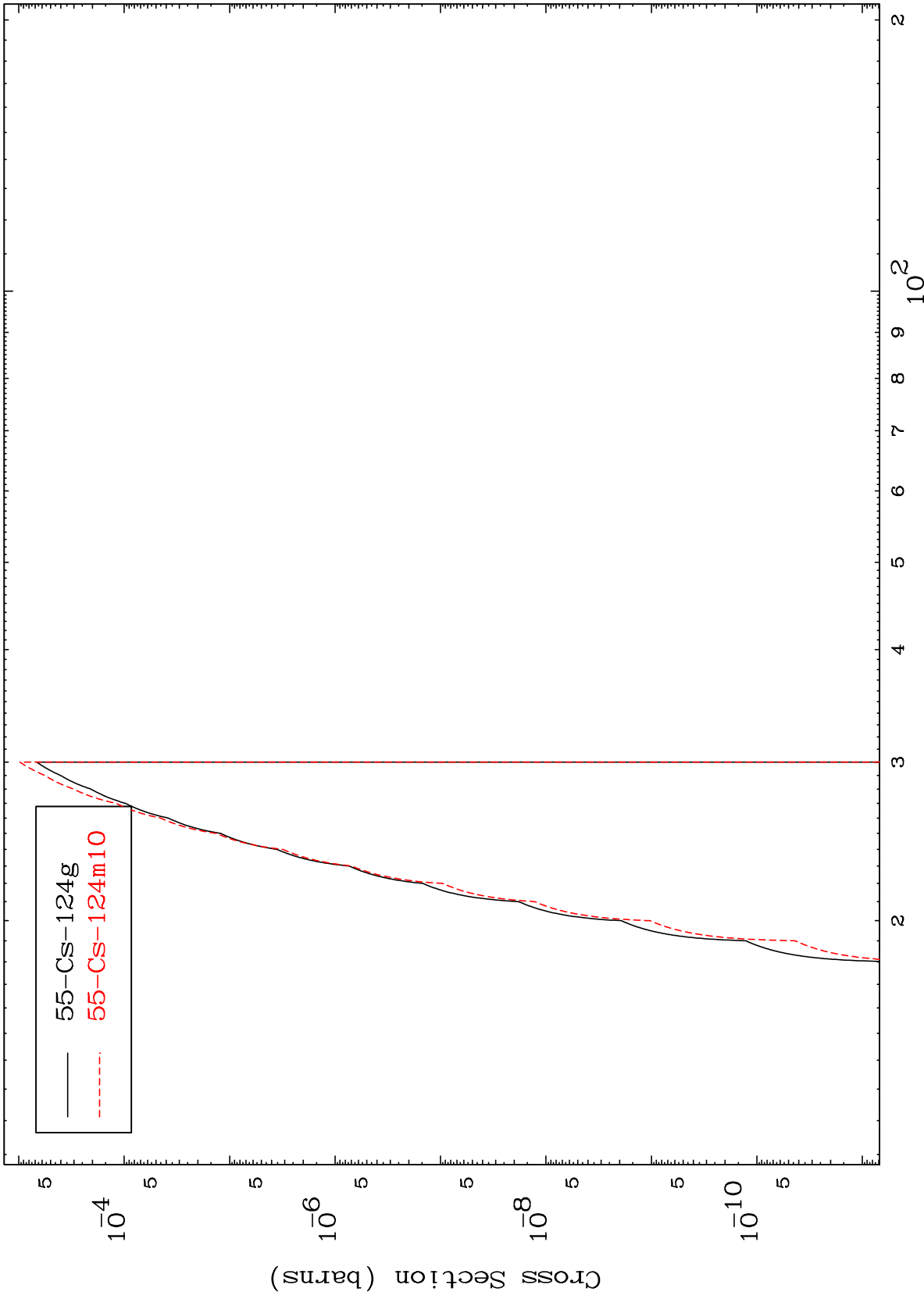
57-La-127

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(n, n') He-3

57-La-127

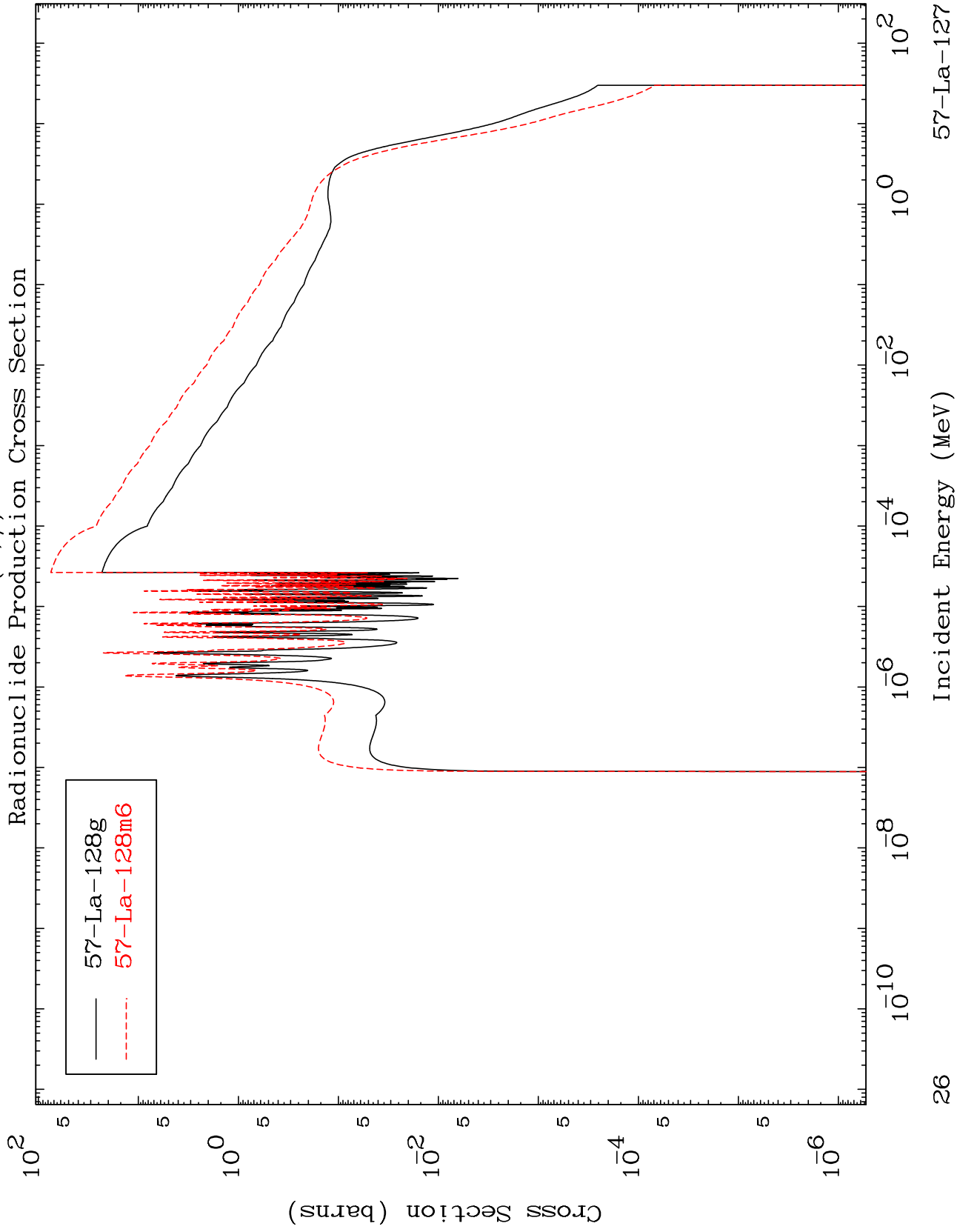
Radionuclide Production Cross Section



25

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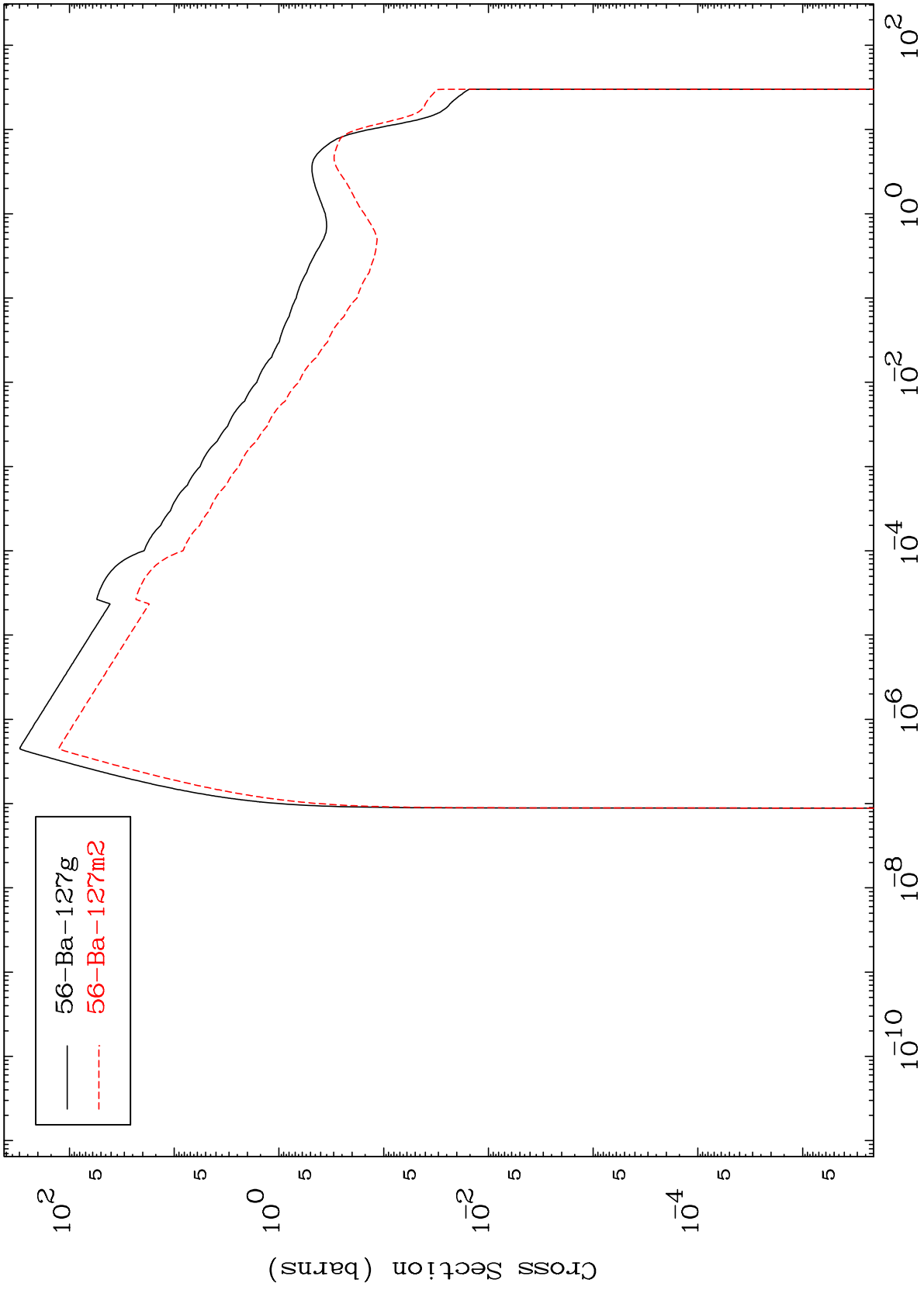
57-La-127



MAT 5693

57-La-127

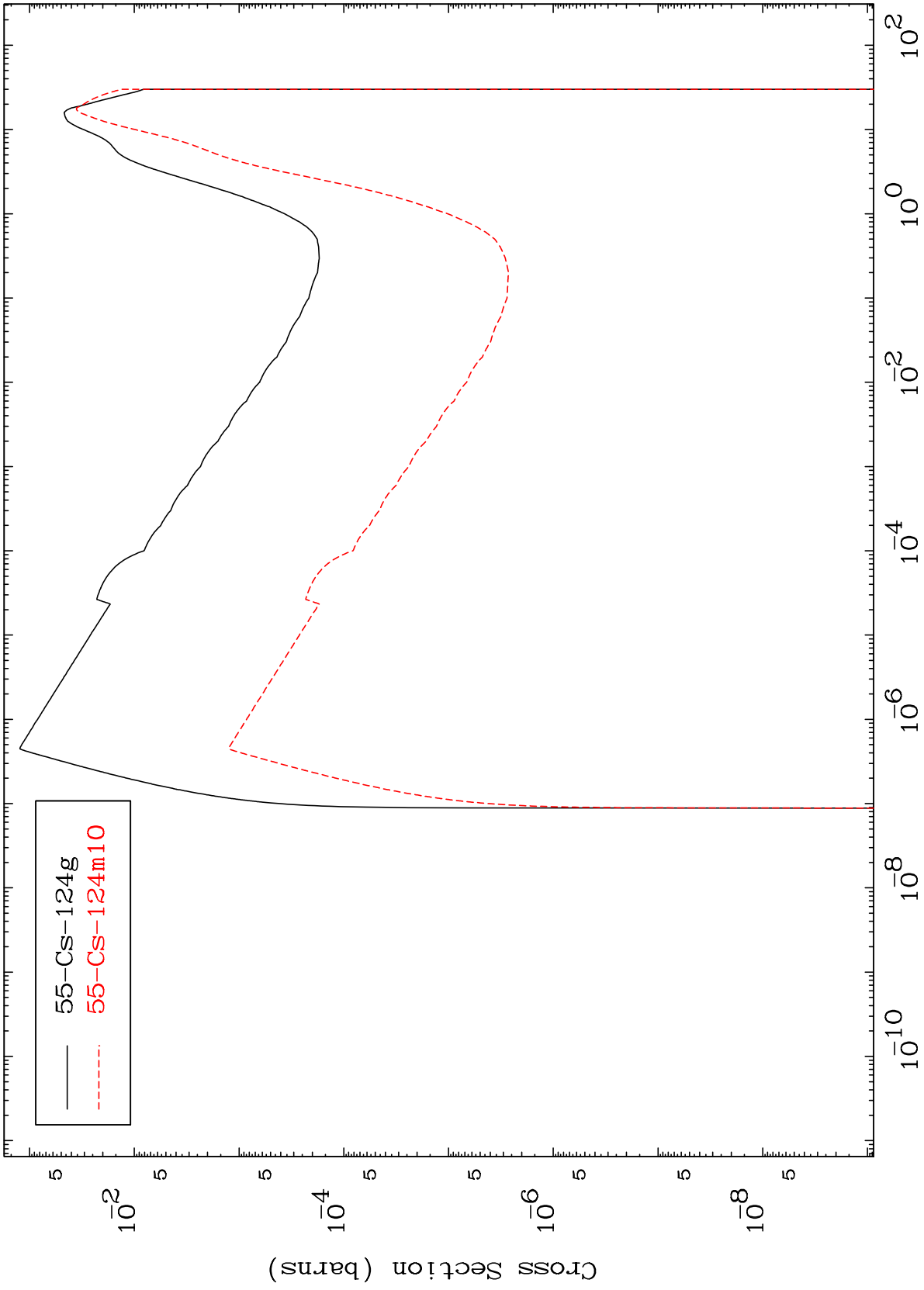
(n,p)  
Radionuclide Production Cross Section



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57-La-127

Radionuclide Production Cross Section



28

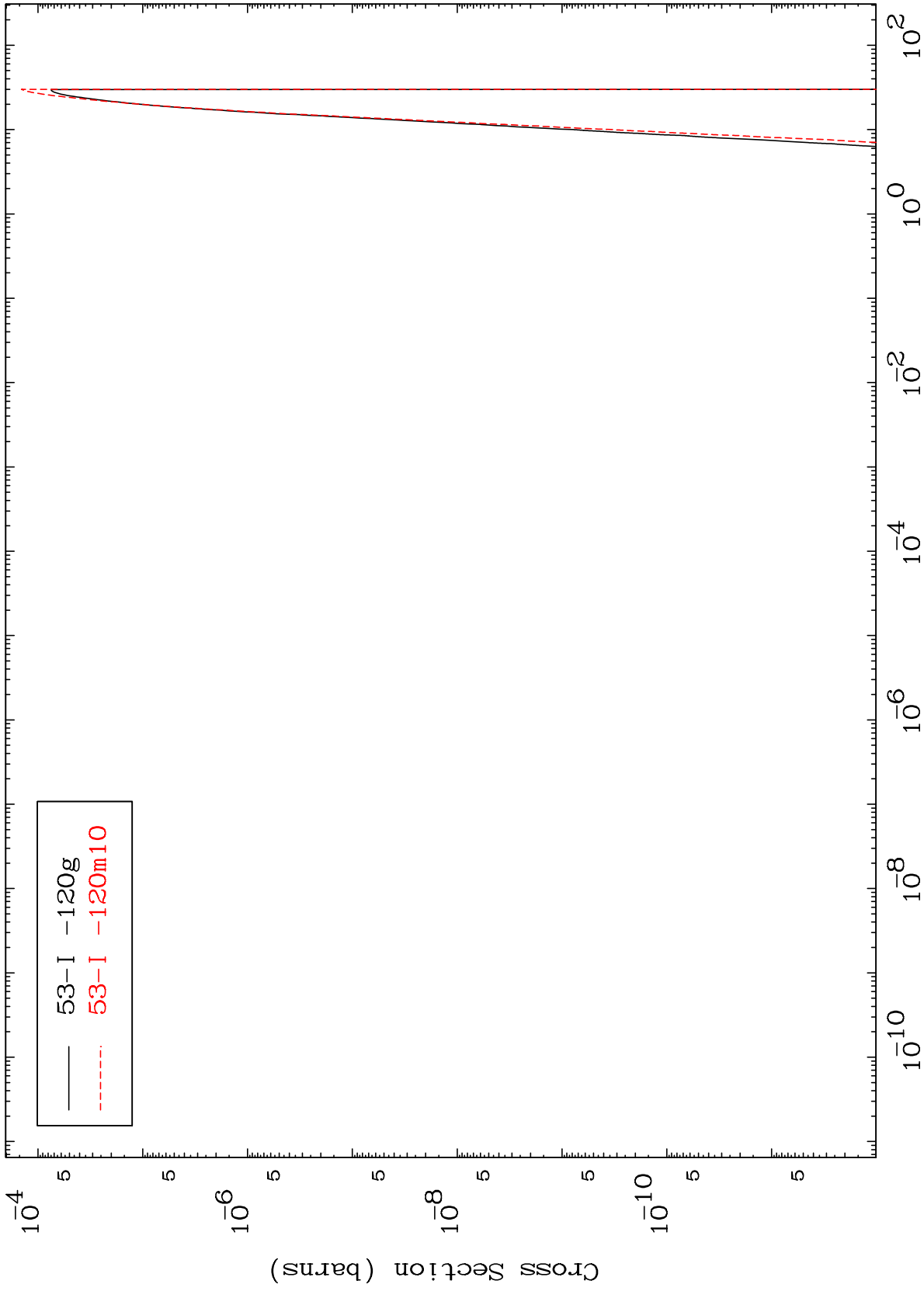
57-La-127

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(n,2α)

57-La-127

Radionuclide Production Cross Section



29

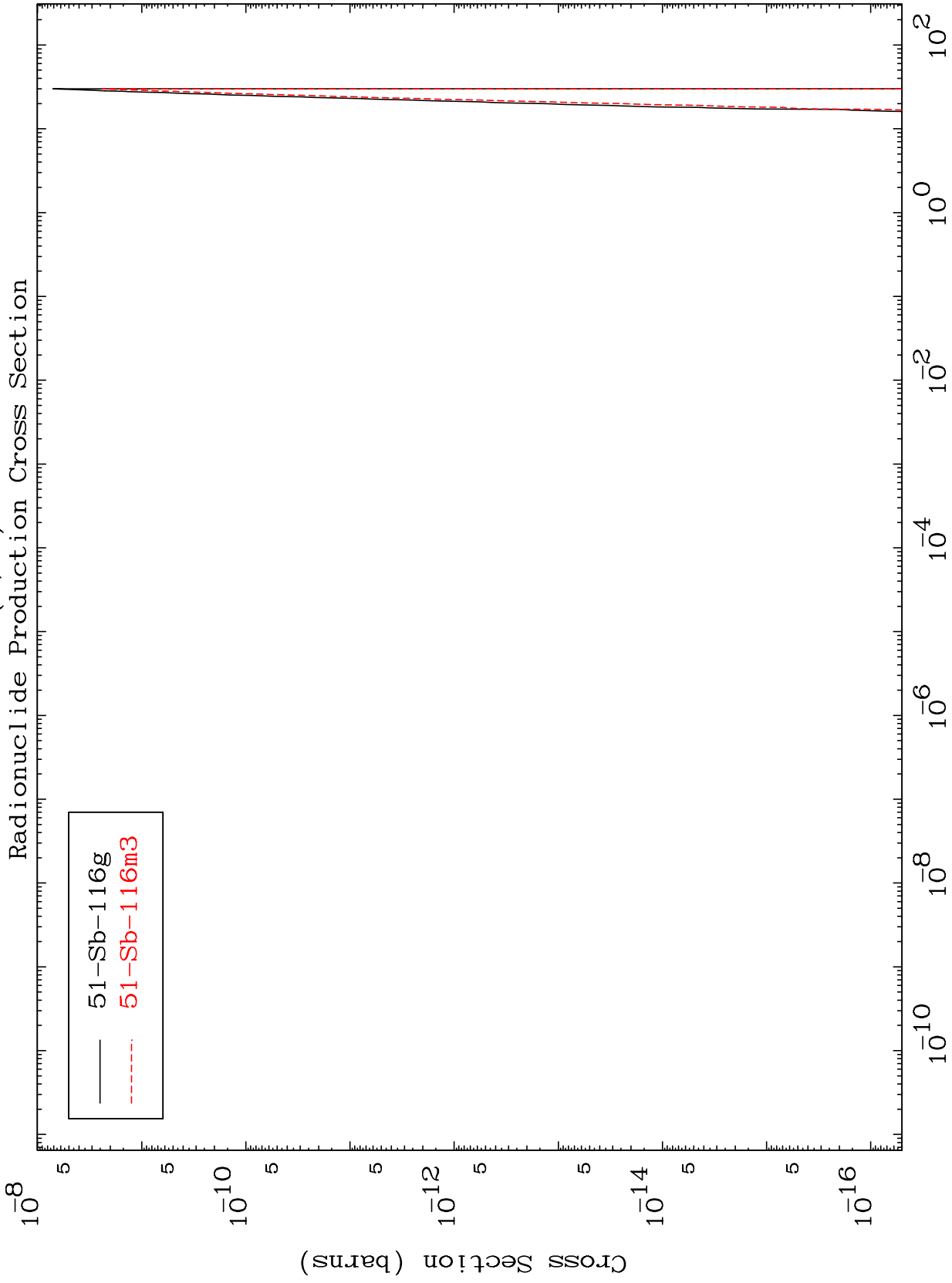
57-La-127

MAT 5693

(n,3α)

57-La-127

Radionuclide Production Cross Section



30

Incident Energy (MeV)

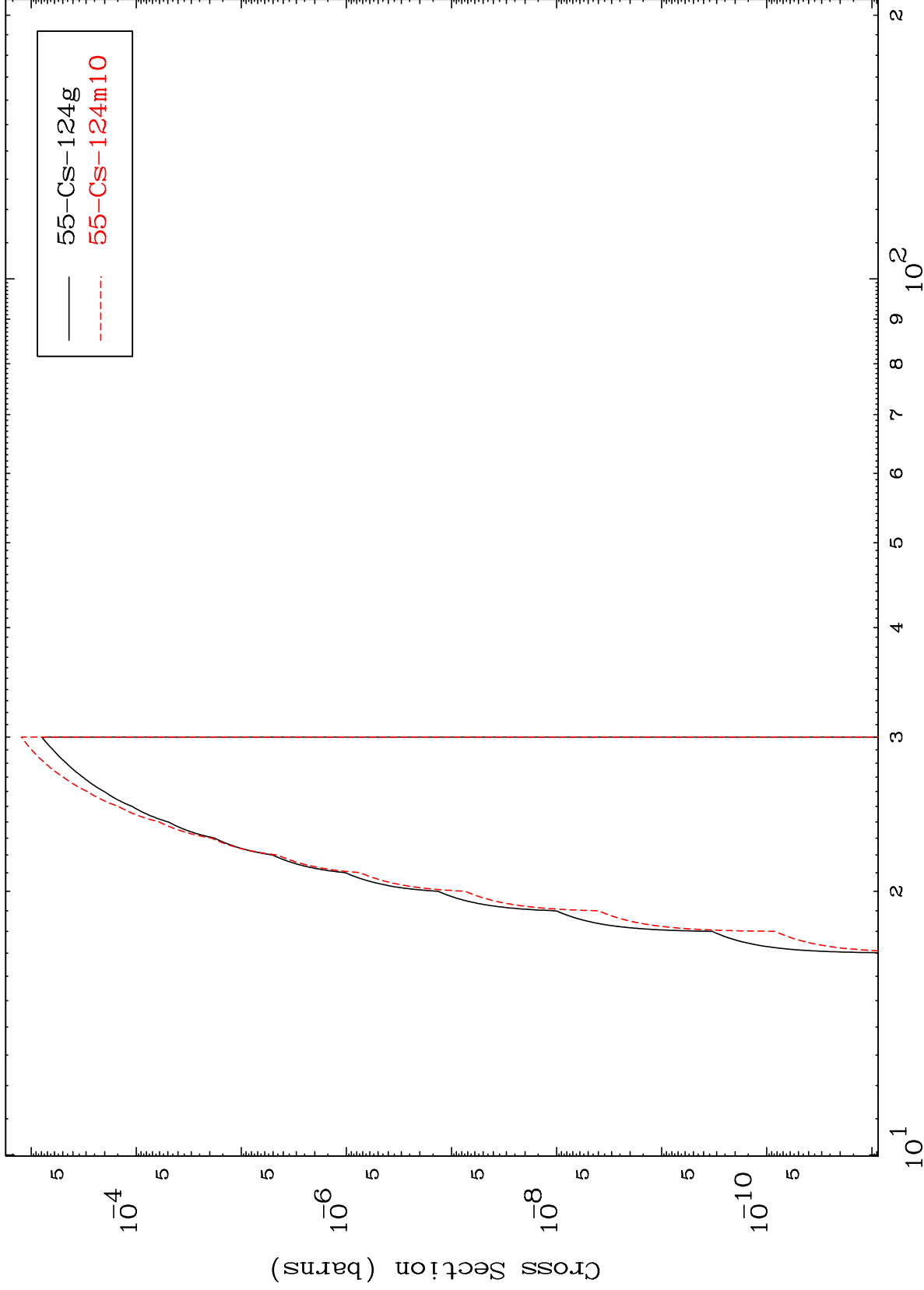
57-La-127

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(n,p) t

57-La-127

Radionuclide Production Cross Section



31

Incident Energy (MeV)

57-La-127