

Program EVALPLOT  
(Version 2018-1)

by

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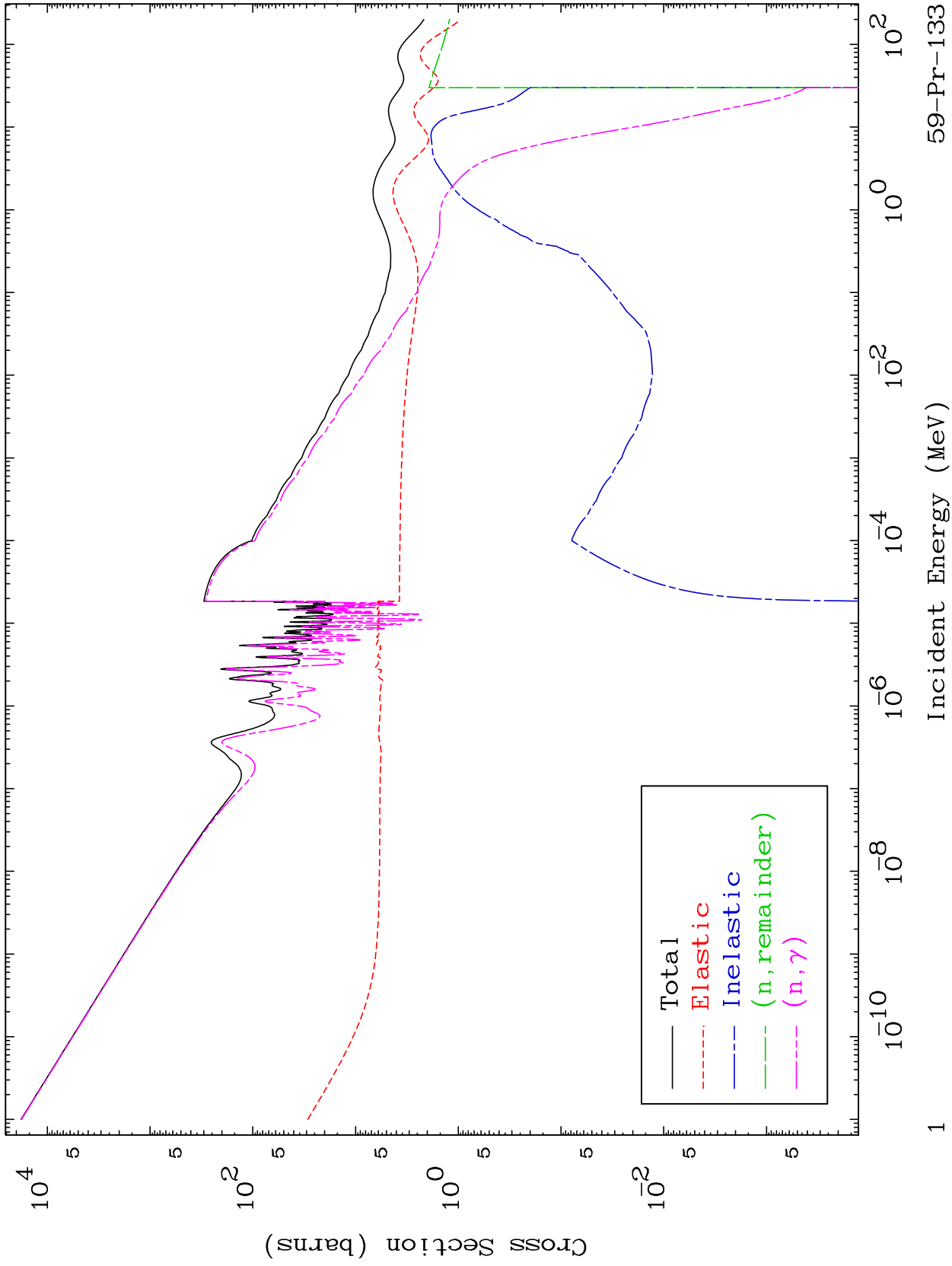
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5902

Major  
293 Kelvin Cross Sections

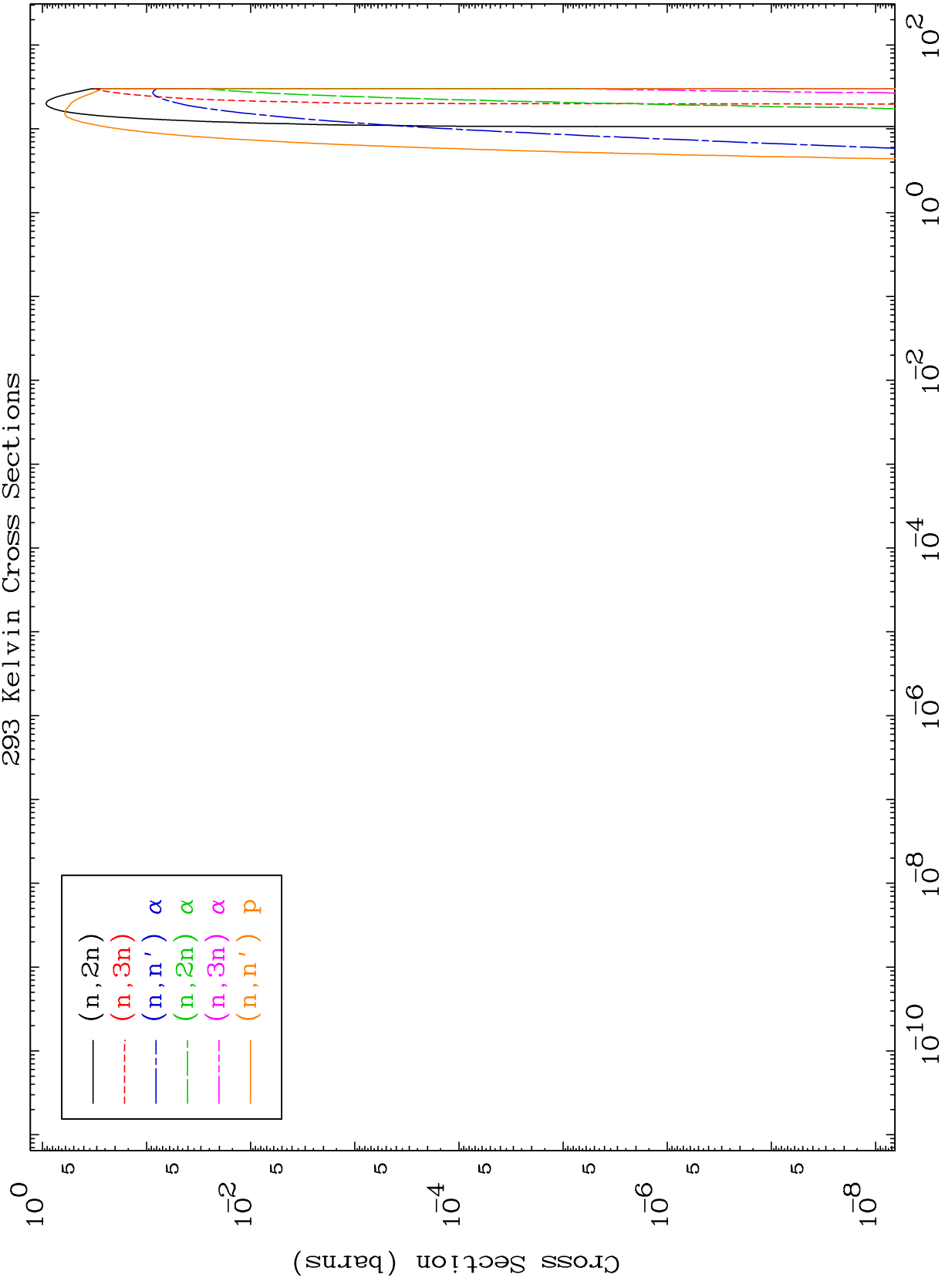
59-Pr-133



MAT 5902

Neutron Production  
293 Kelvin Cross Sections

59-Pr-133

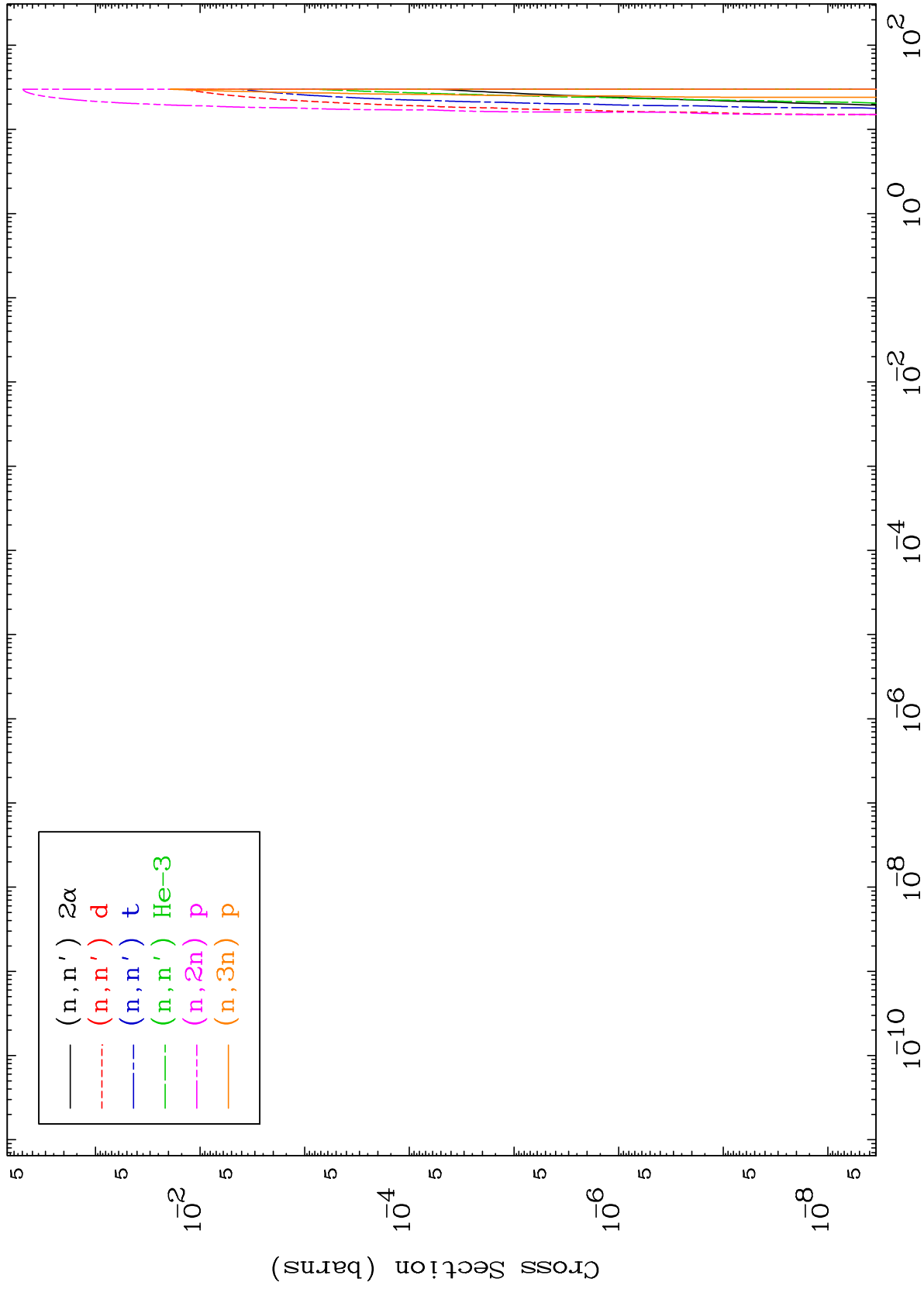


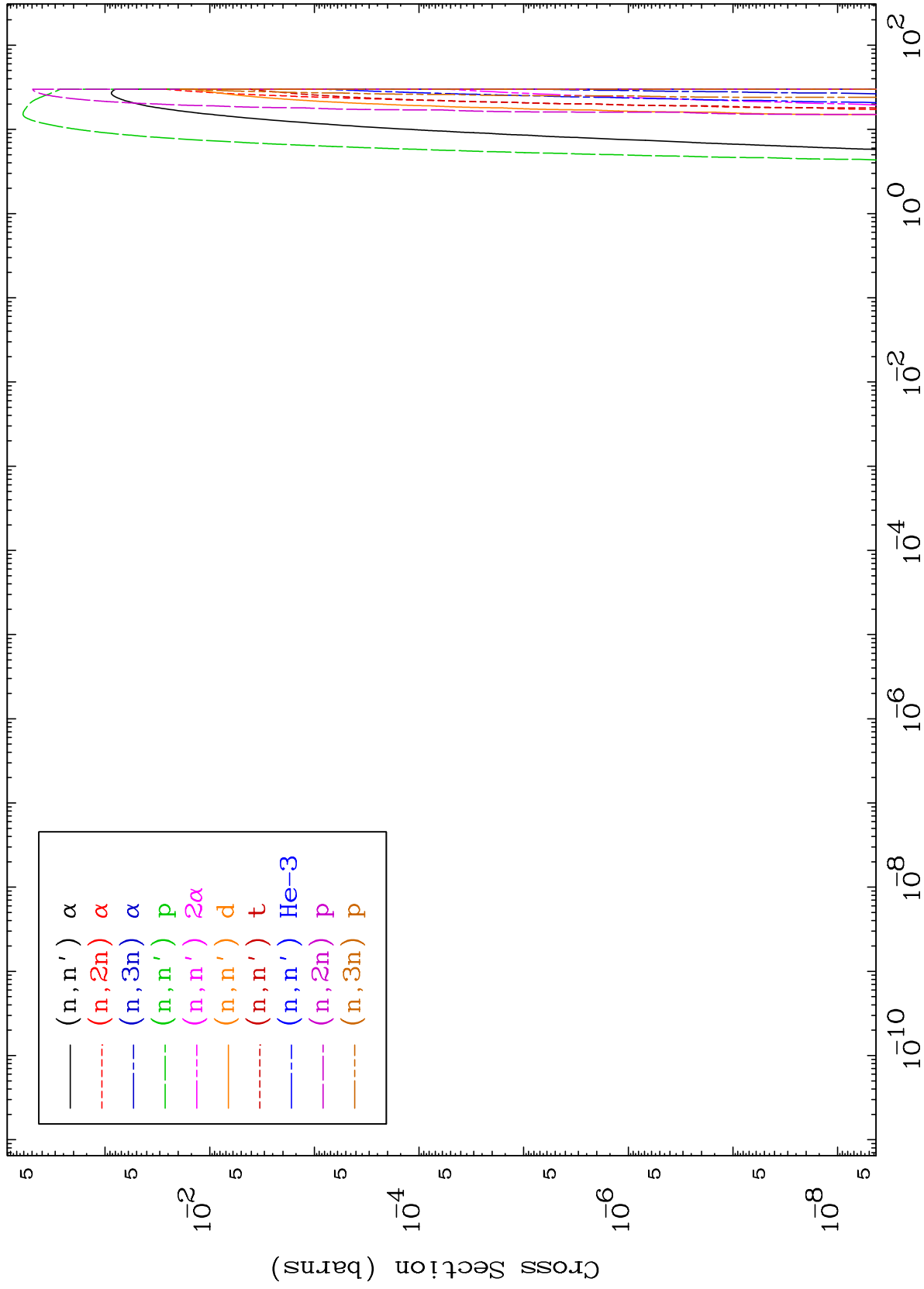
59-Pr-133

MAT 5902

Neutron Production  
293 Kelvin Cross Sections

59-Pr-133

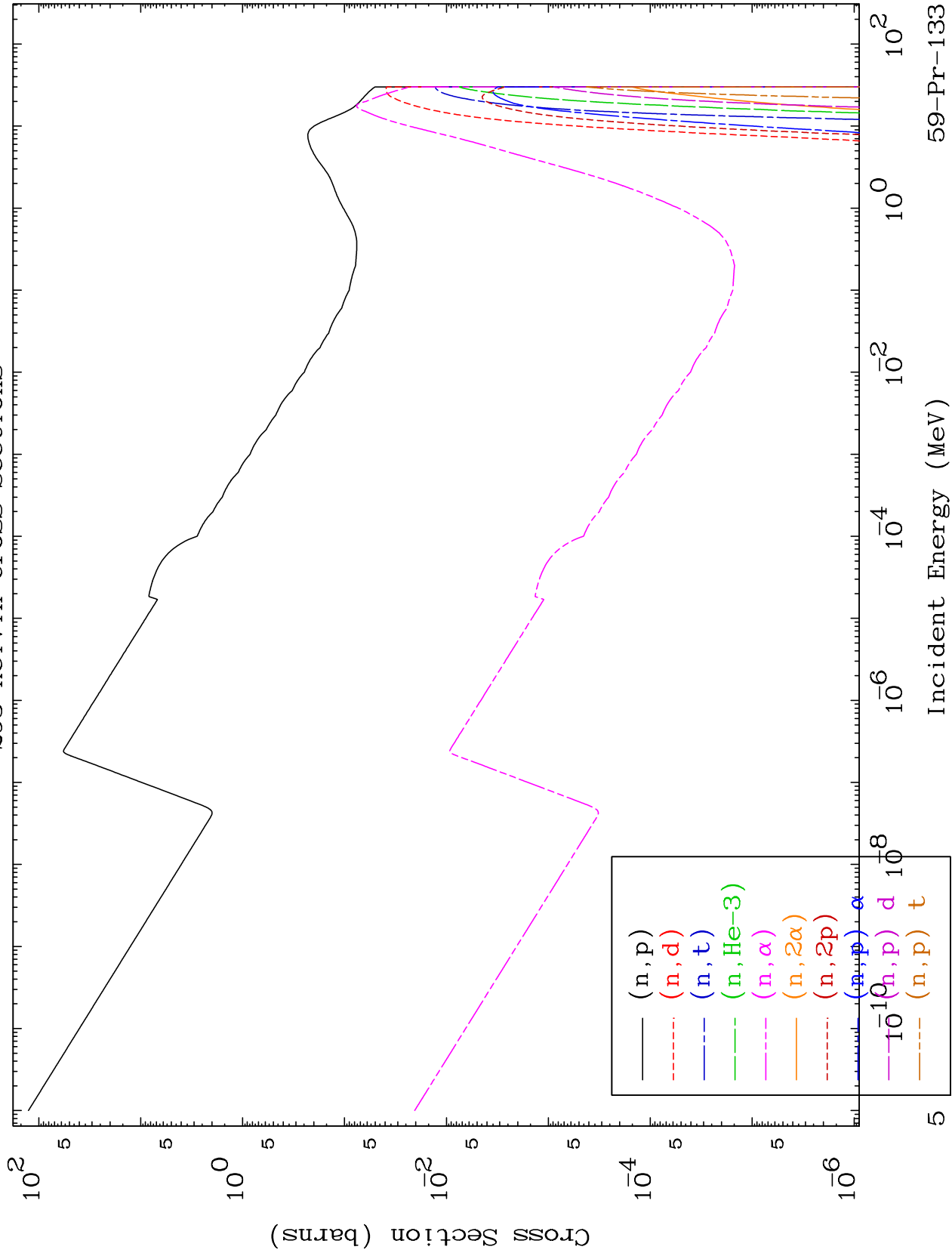




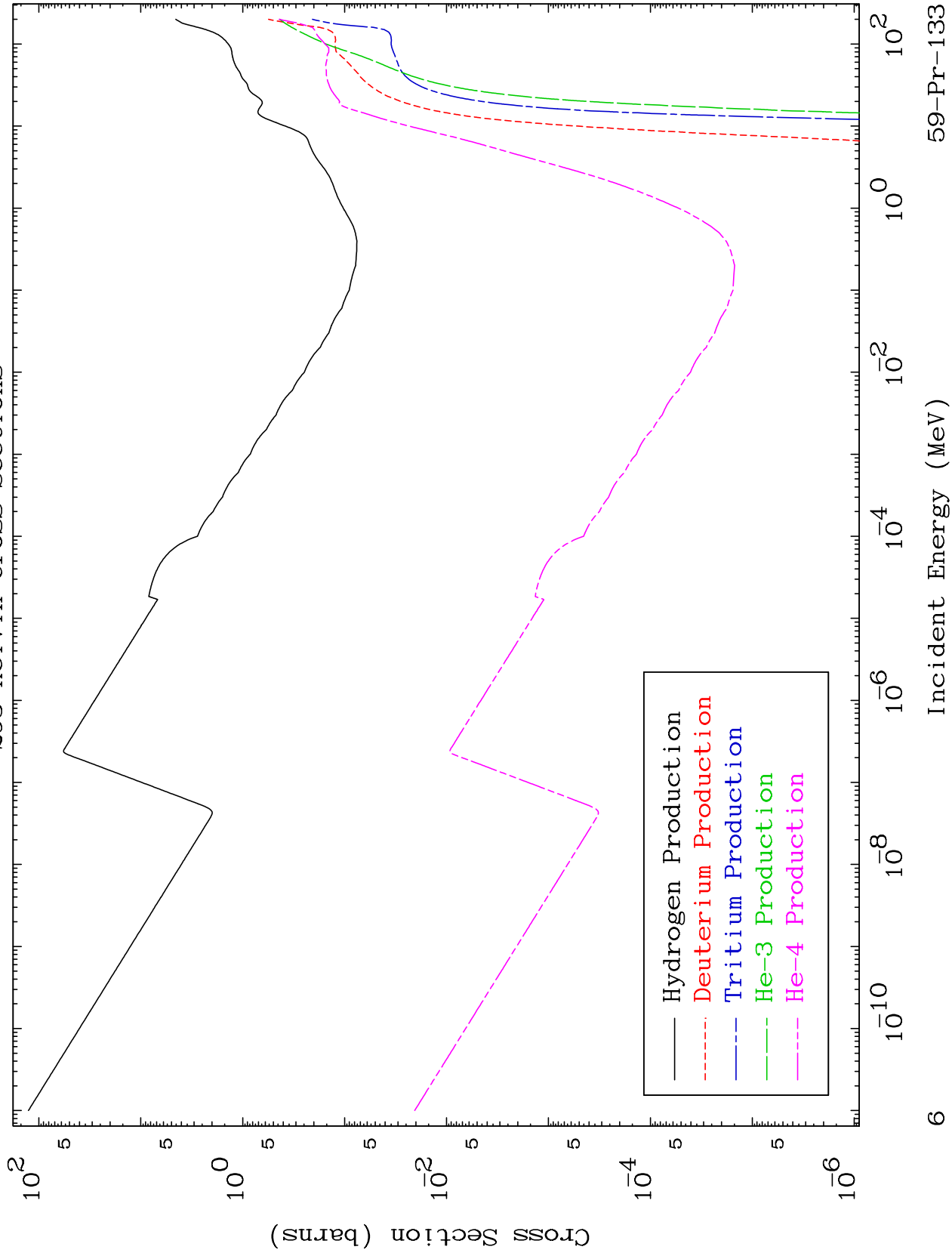
MAT 5902

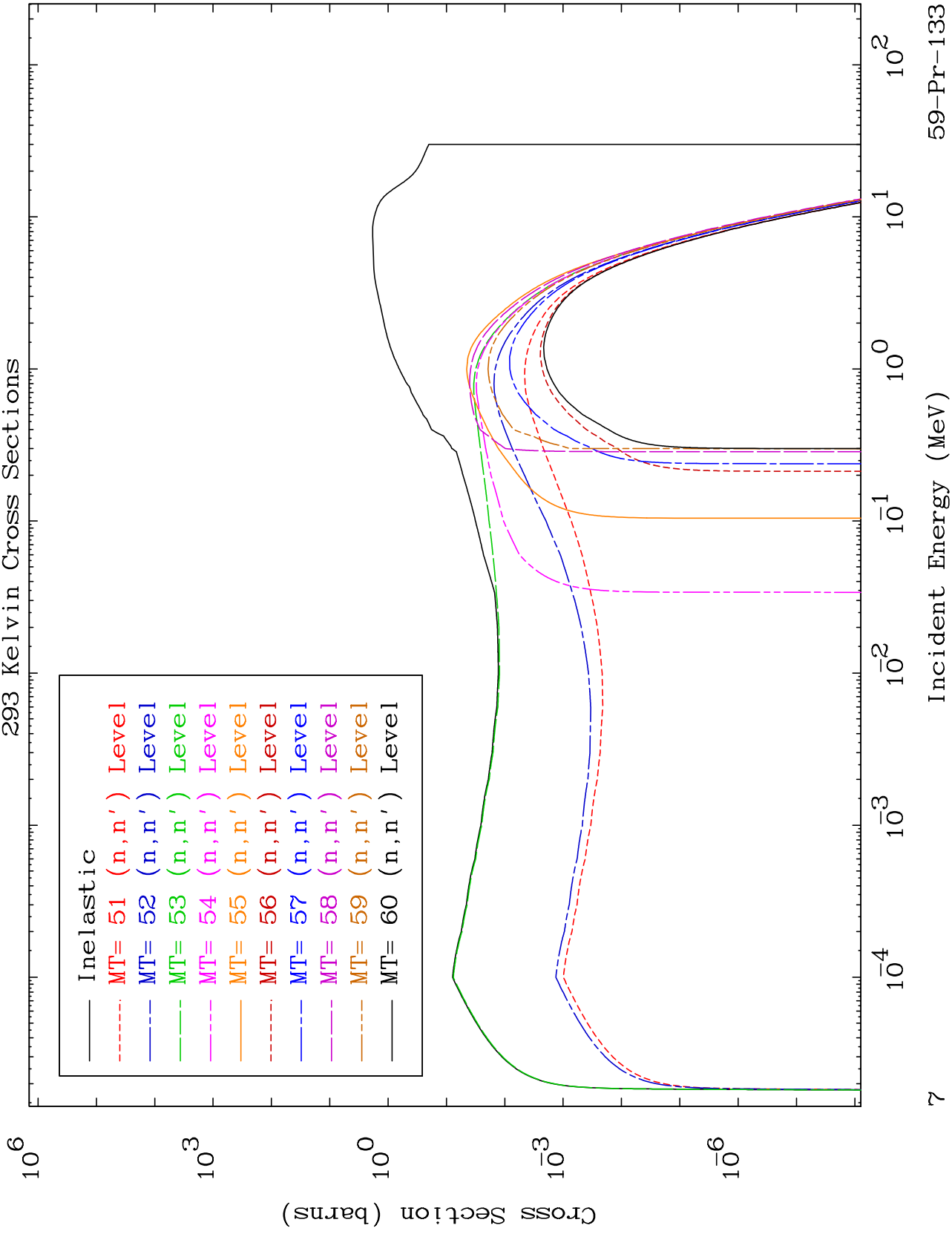
Charged Particle  
293 Kelvin Cross Sections

59-Pr-133

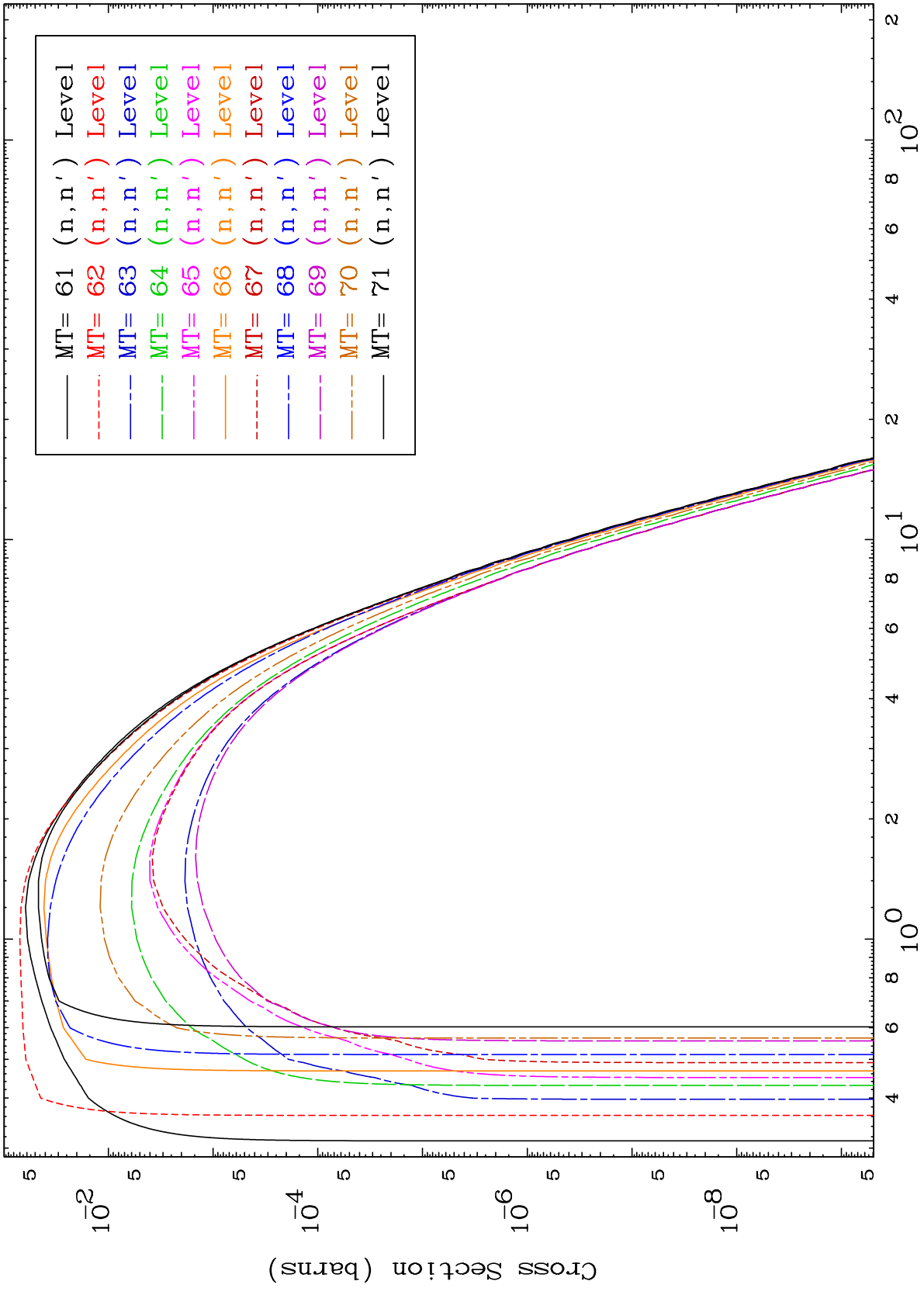


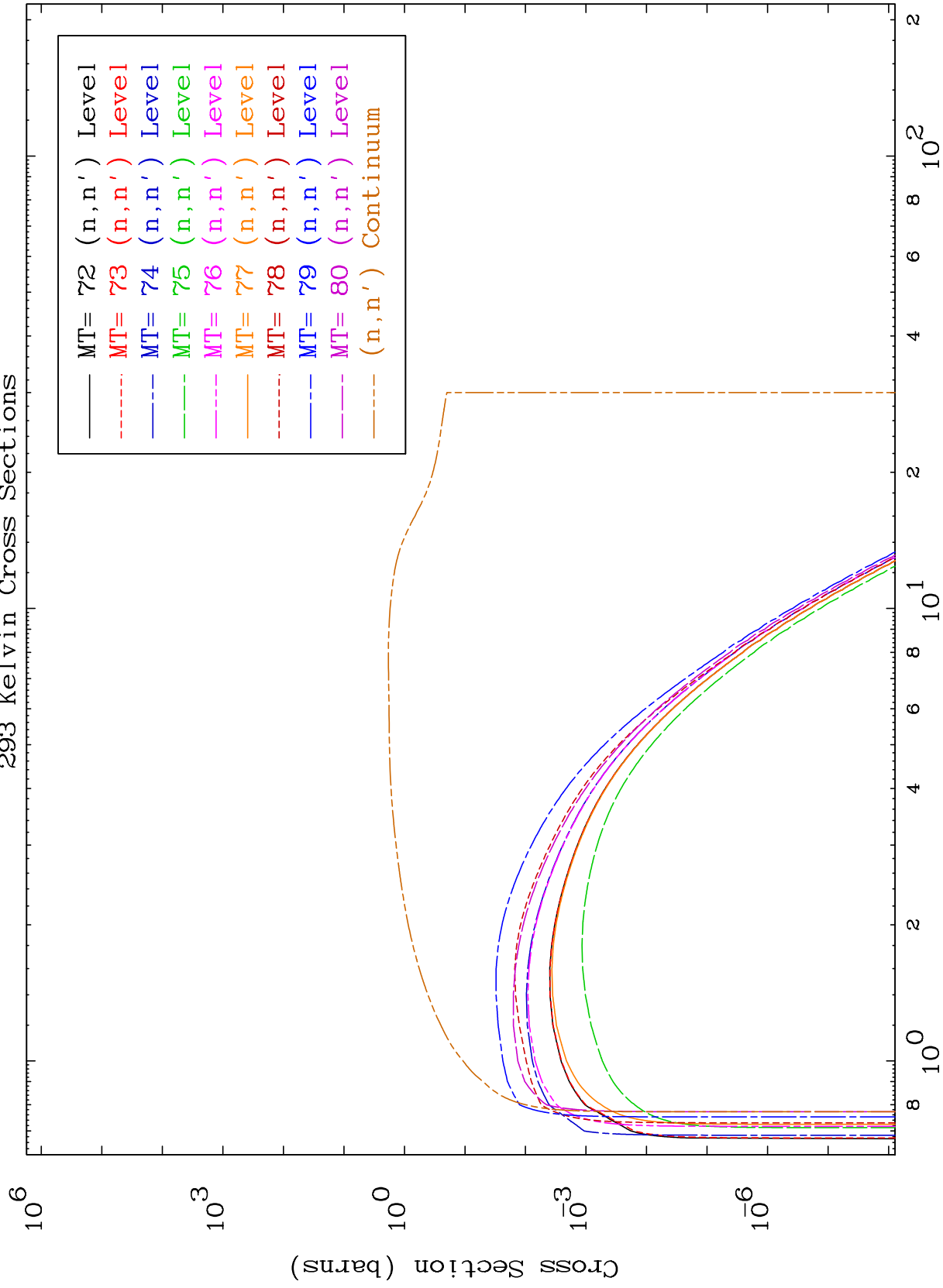
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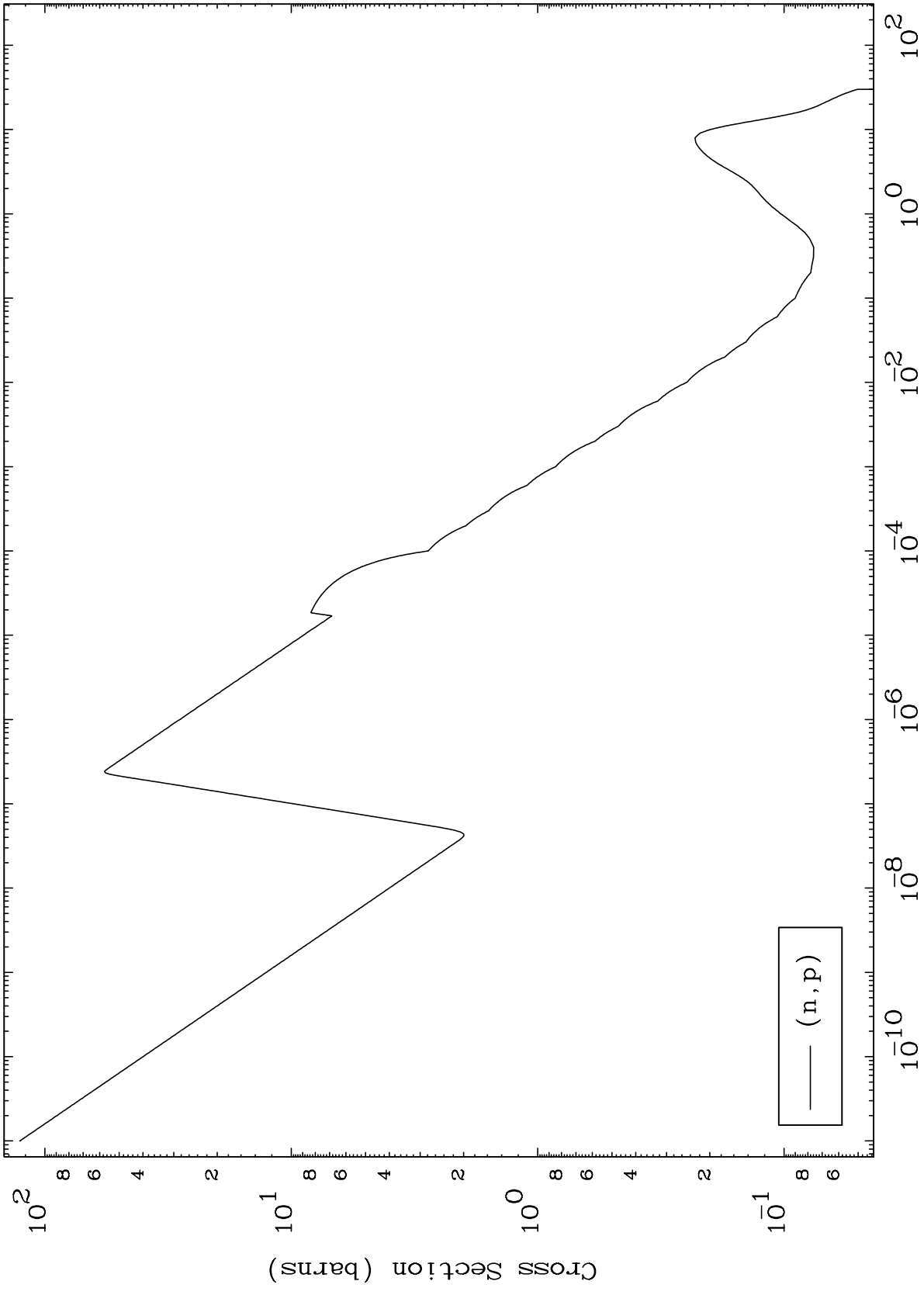




MAT 5902

(n,p) Levels  
293 Kelvin Cross Sections

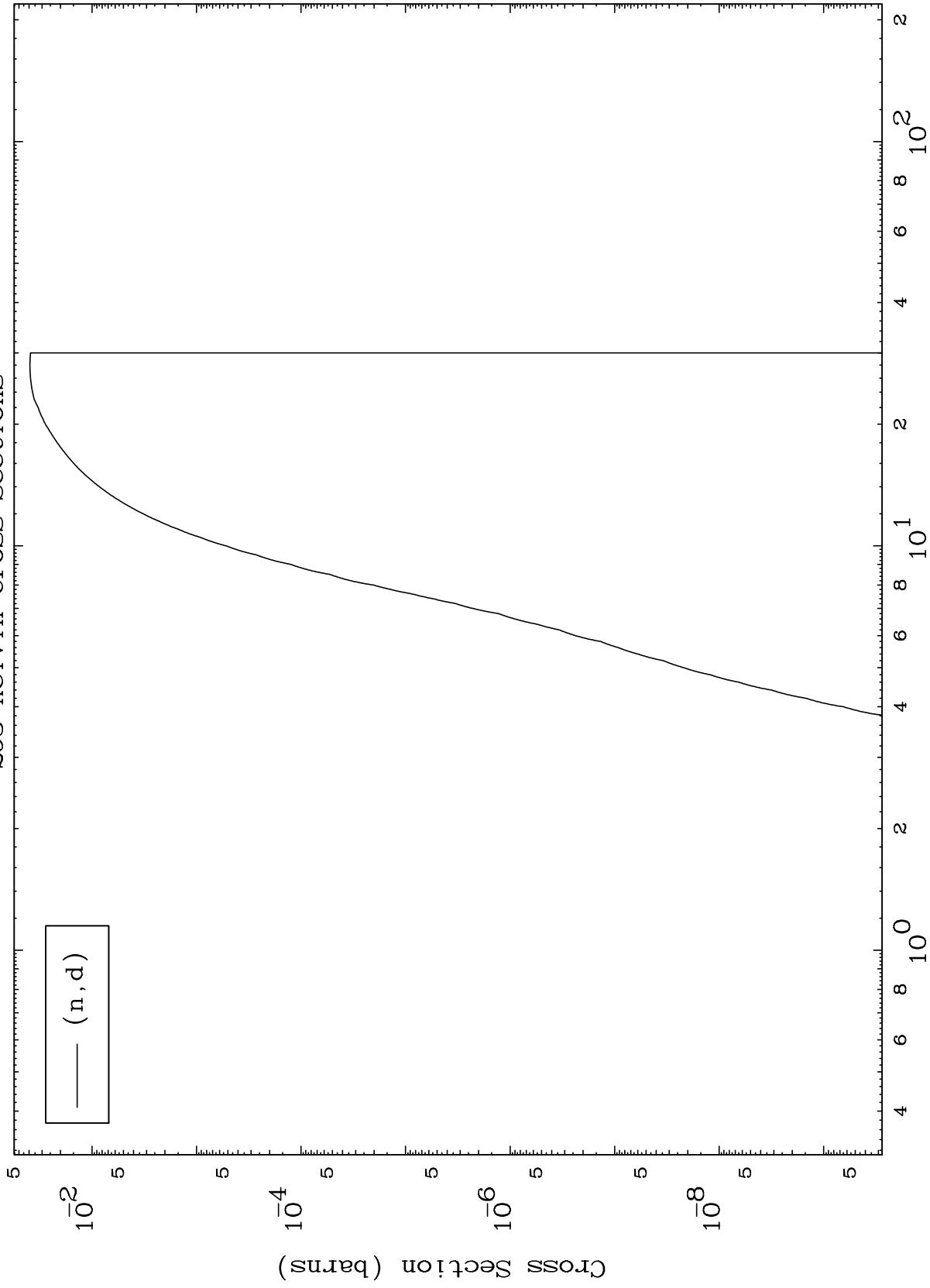
59-Pr-133

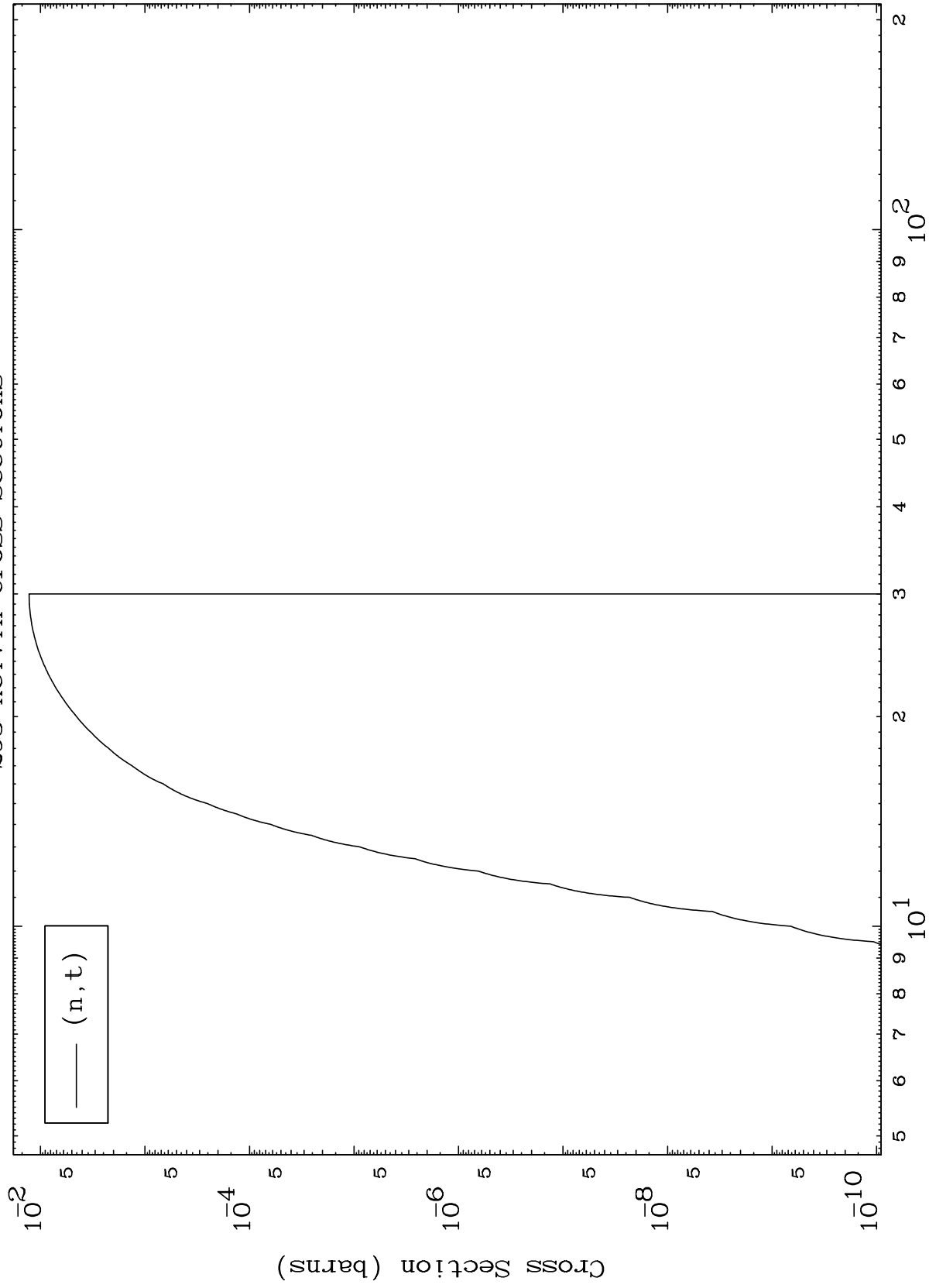


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Incident Energy (MeV)

59-Pr-133

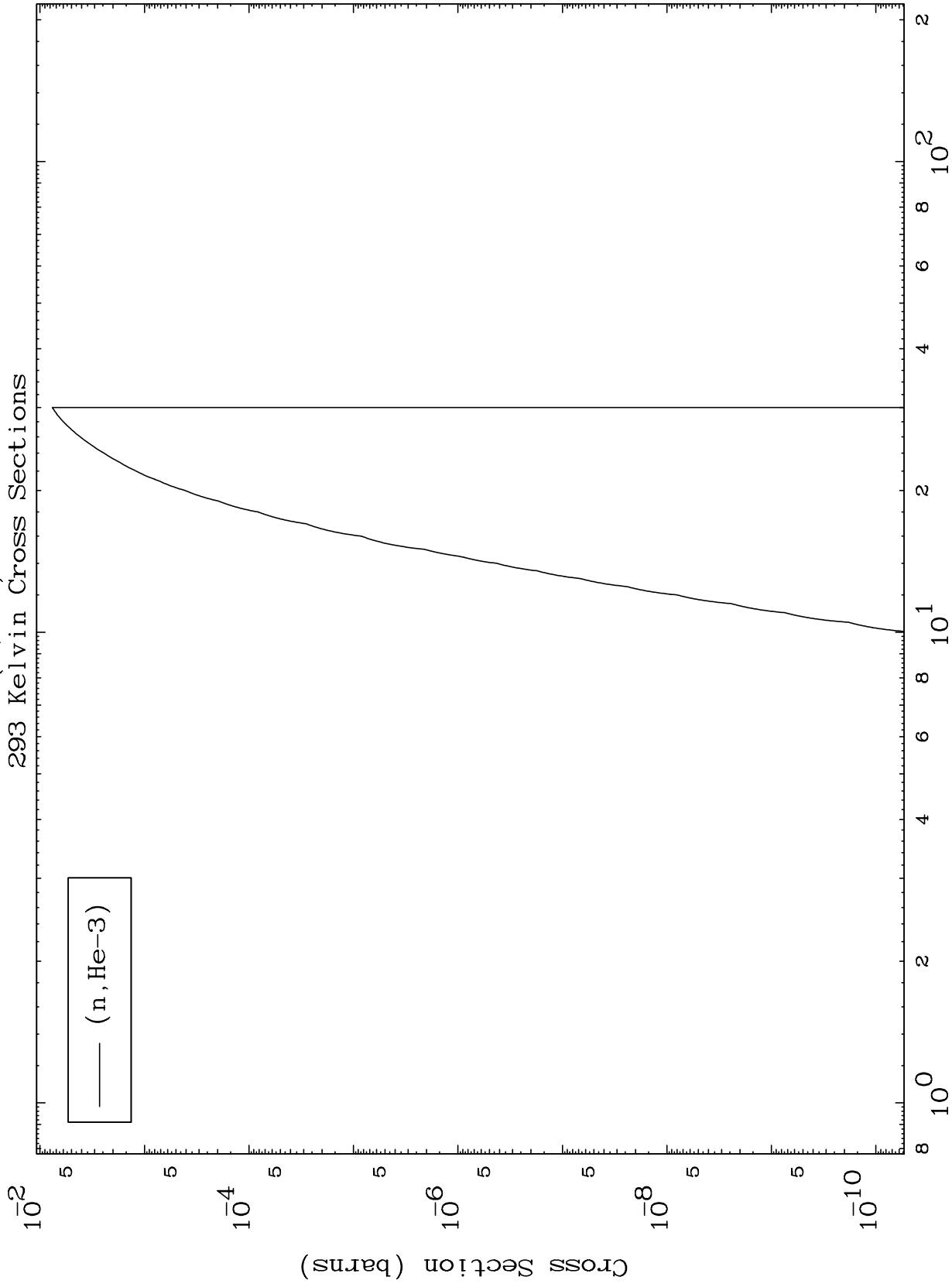




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(n,He3) Levels  
293 Kelvin Cross Sections

59-Pr-133



13

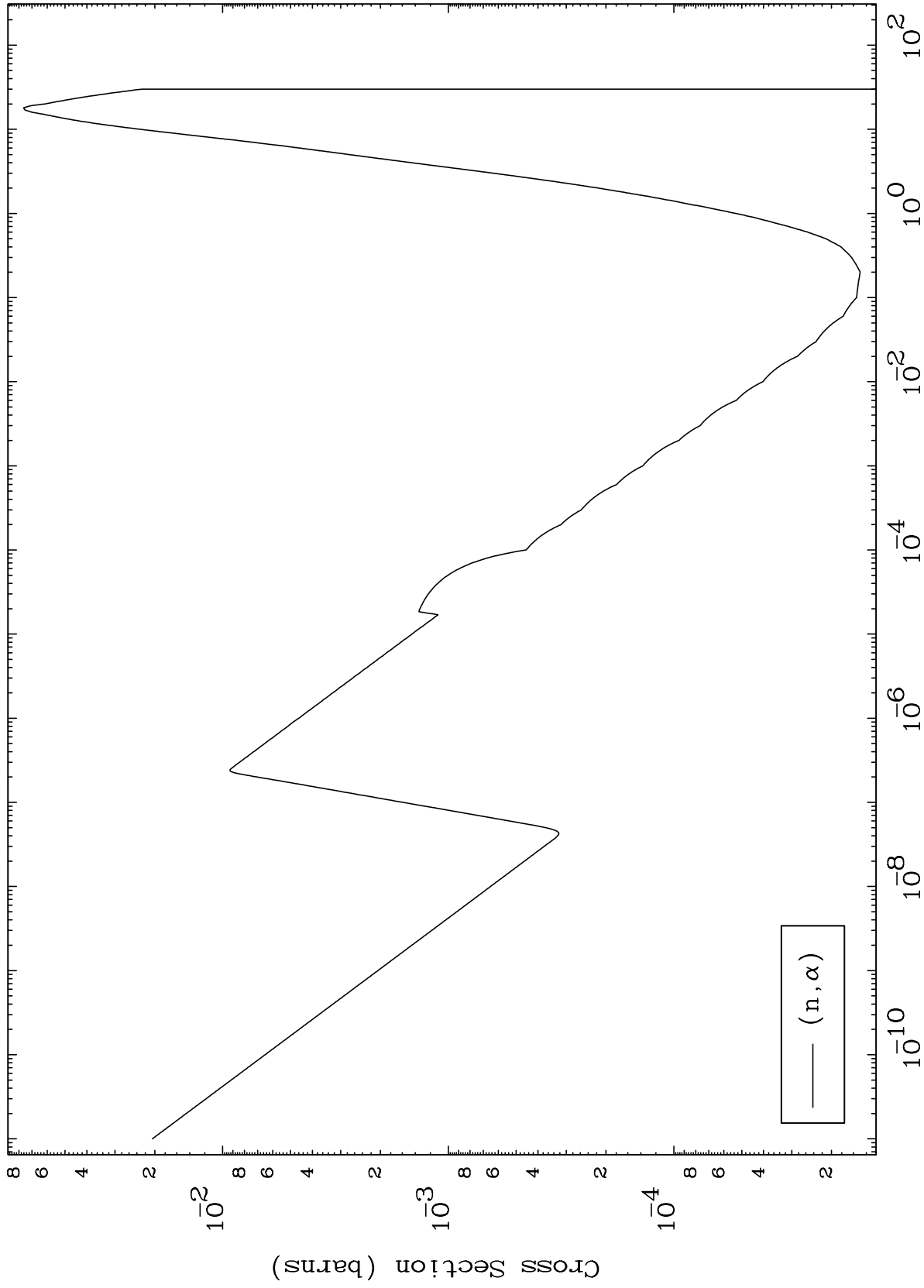
Incident Energy (MeV)

59-Pr-133

MAT 5902

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

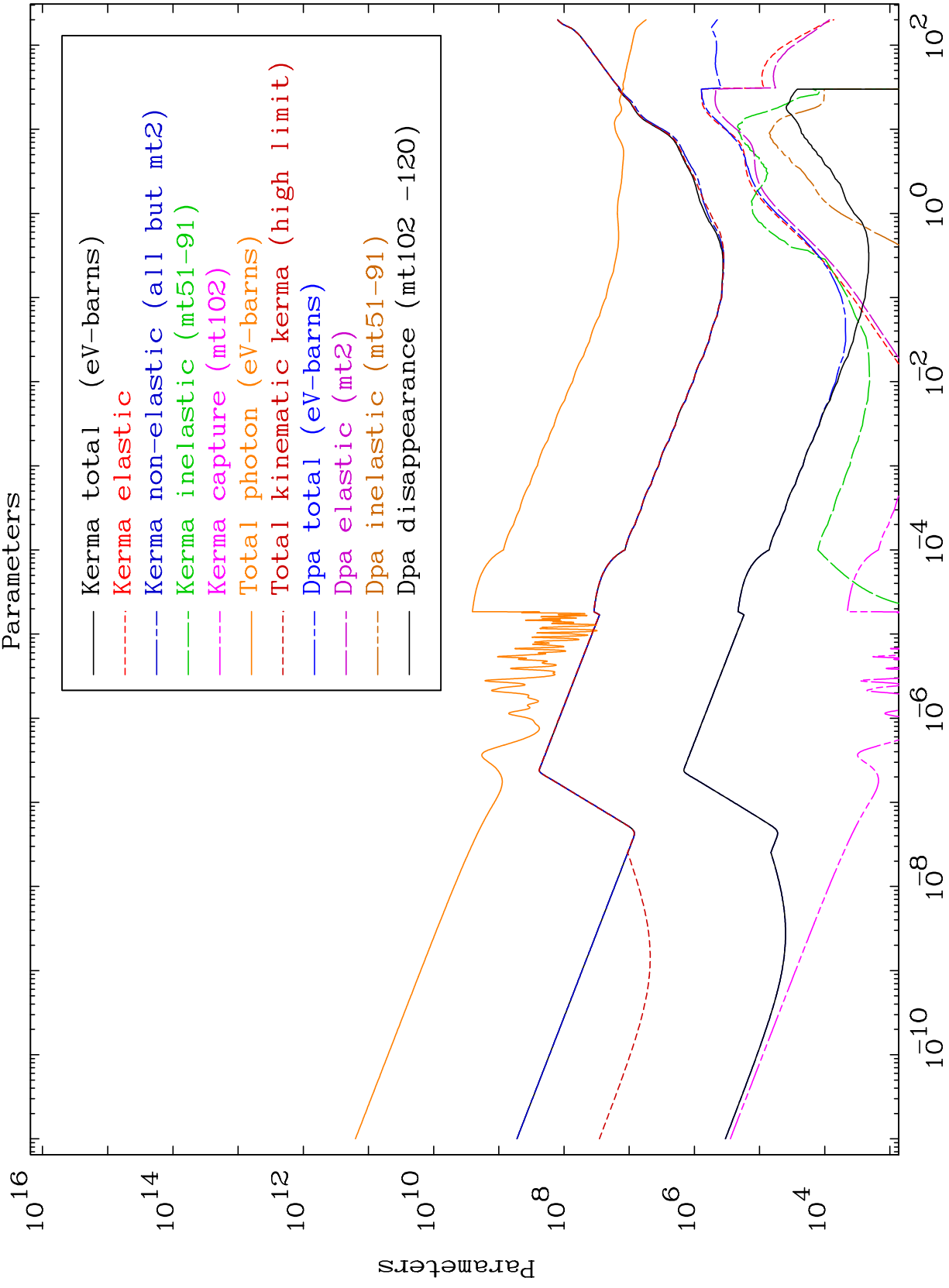
59-Pr-133



14

Incident Energy (MeV)

59-Pr-133





MAT 5902

Elastic Legendre Coefficients

59-Pr-133



59-Pr-133

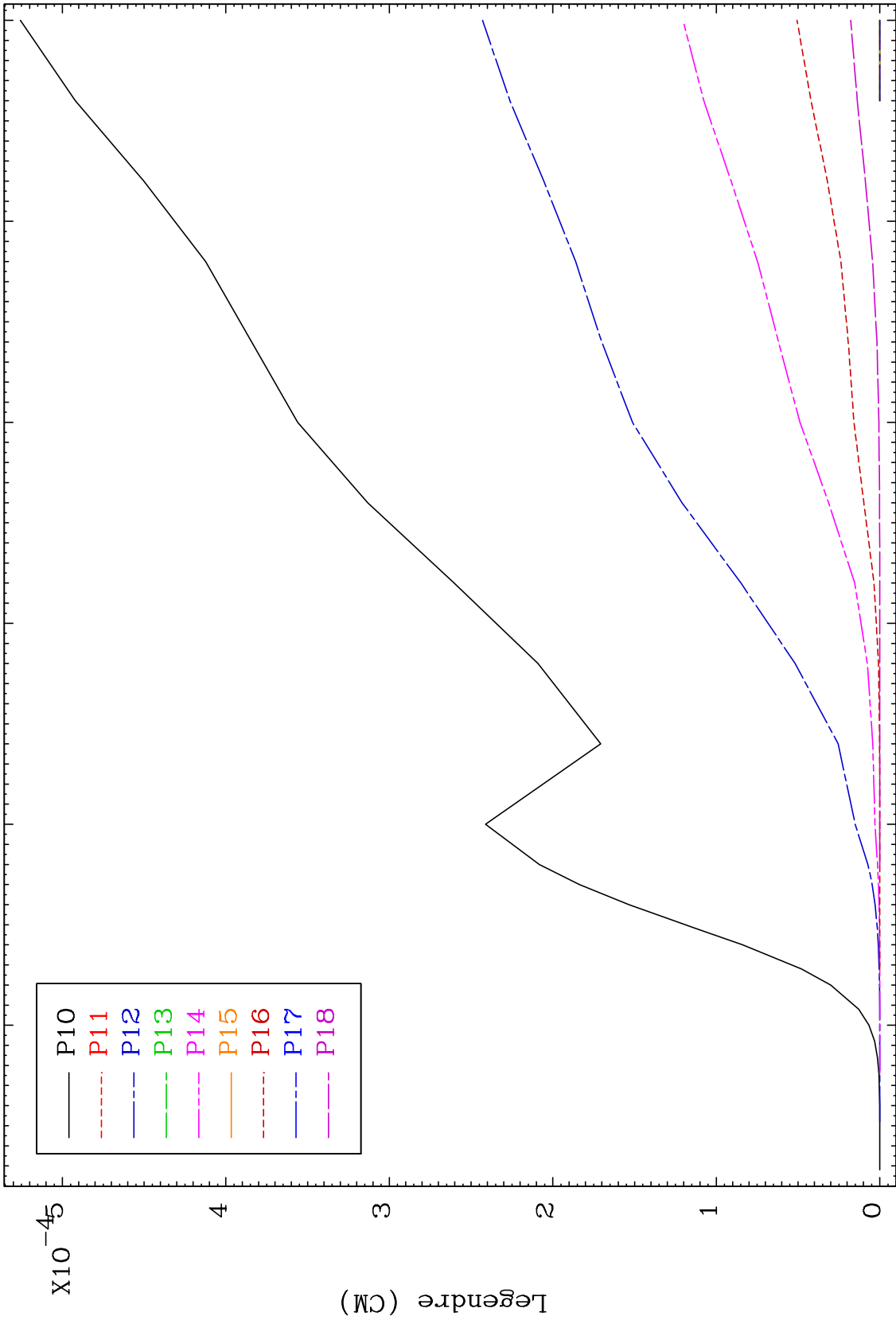
Incident Energy (MeV)

16

MAT 5902

Elastic Legendre Coefficients

59-Pr-133



17

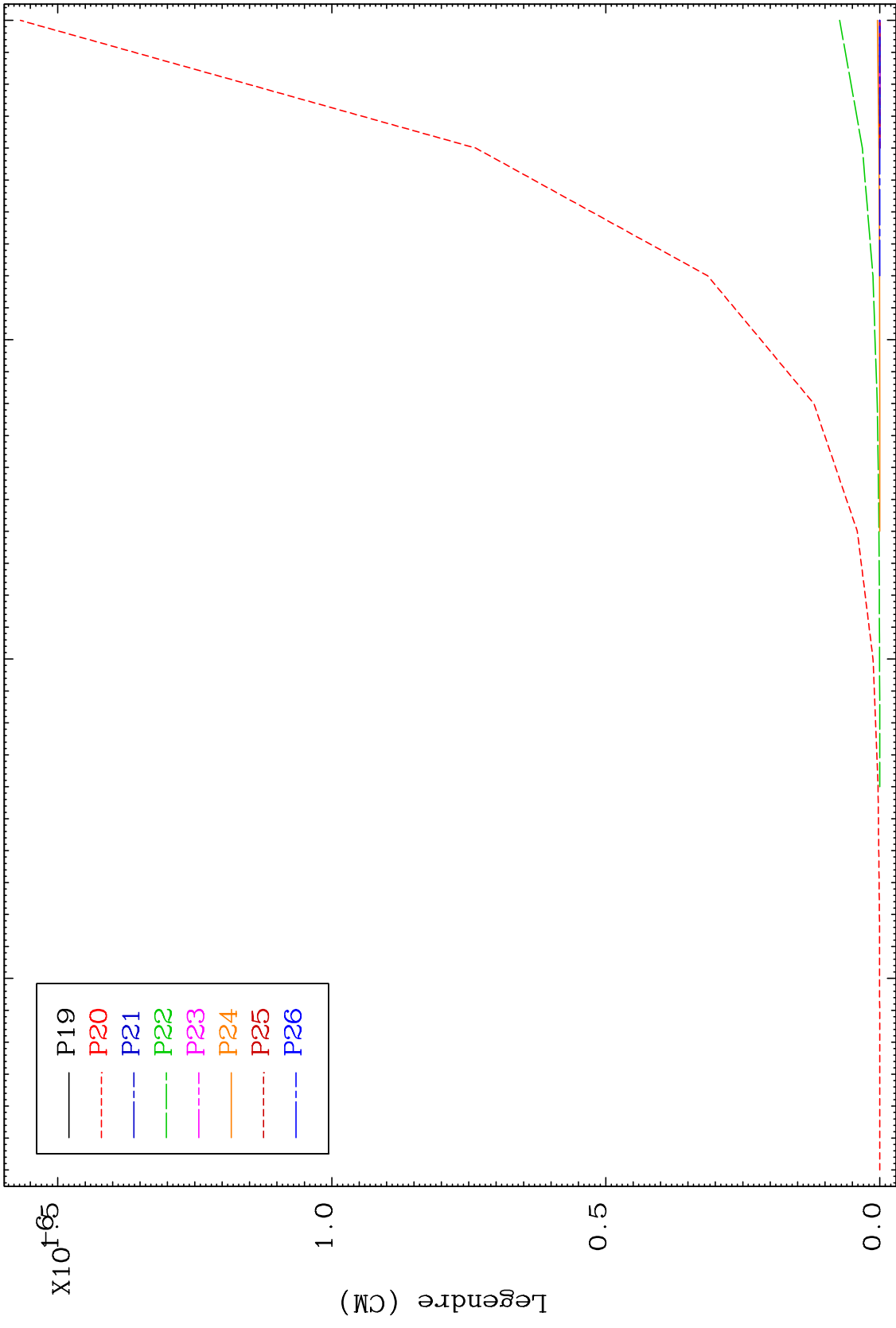
Incident Energy (MeV)

59-Pr-133

MAT 5902

Elastic Legendre Coefficients

59-Pr-133



18

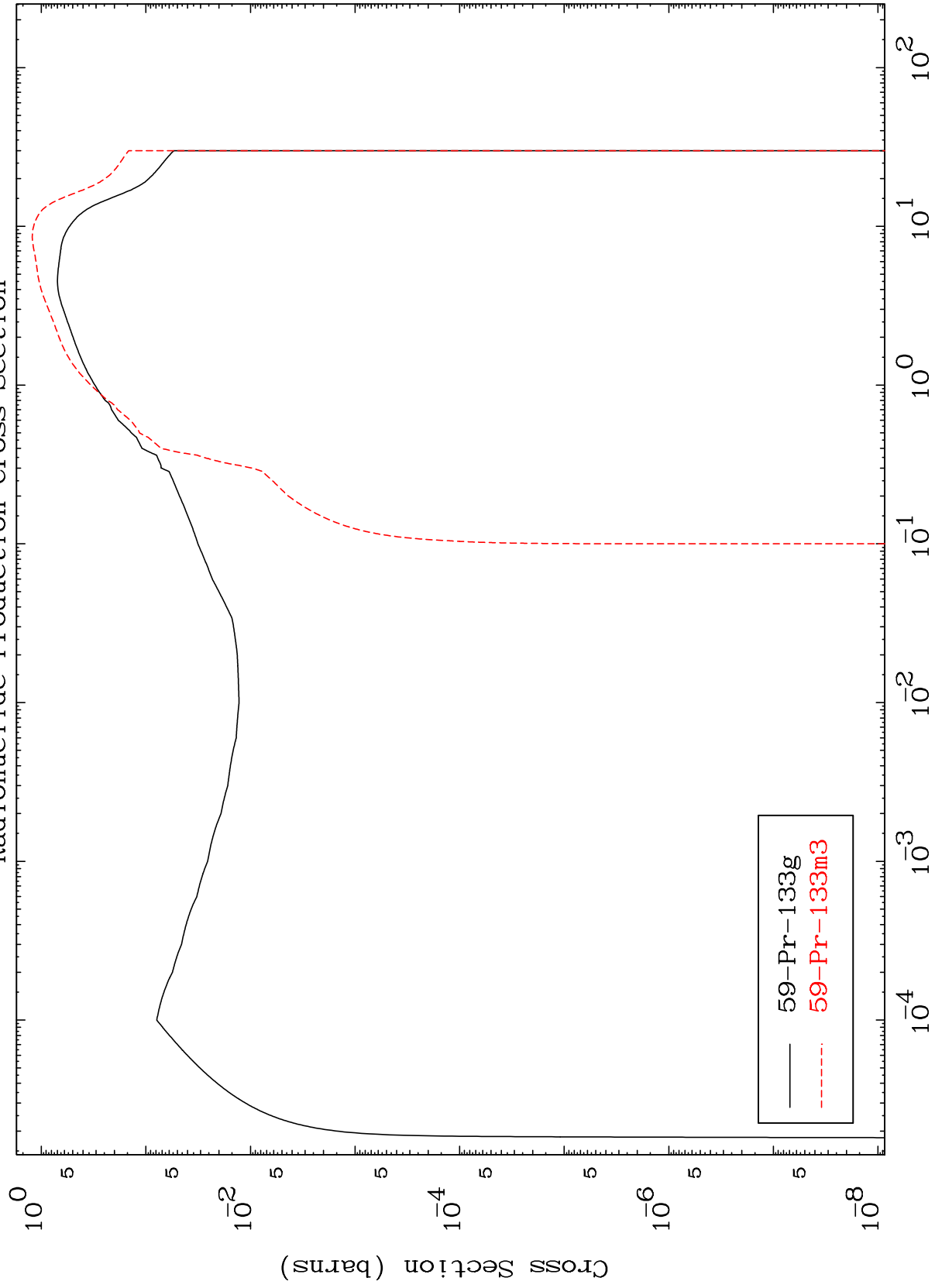
Incident Energy (MeV)

59-Pr-133

MAT 5902

59-Pr-133

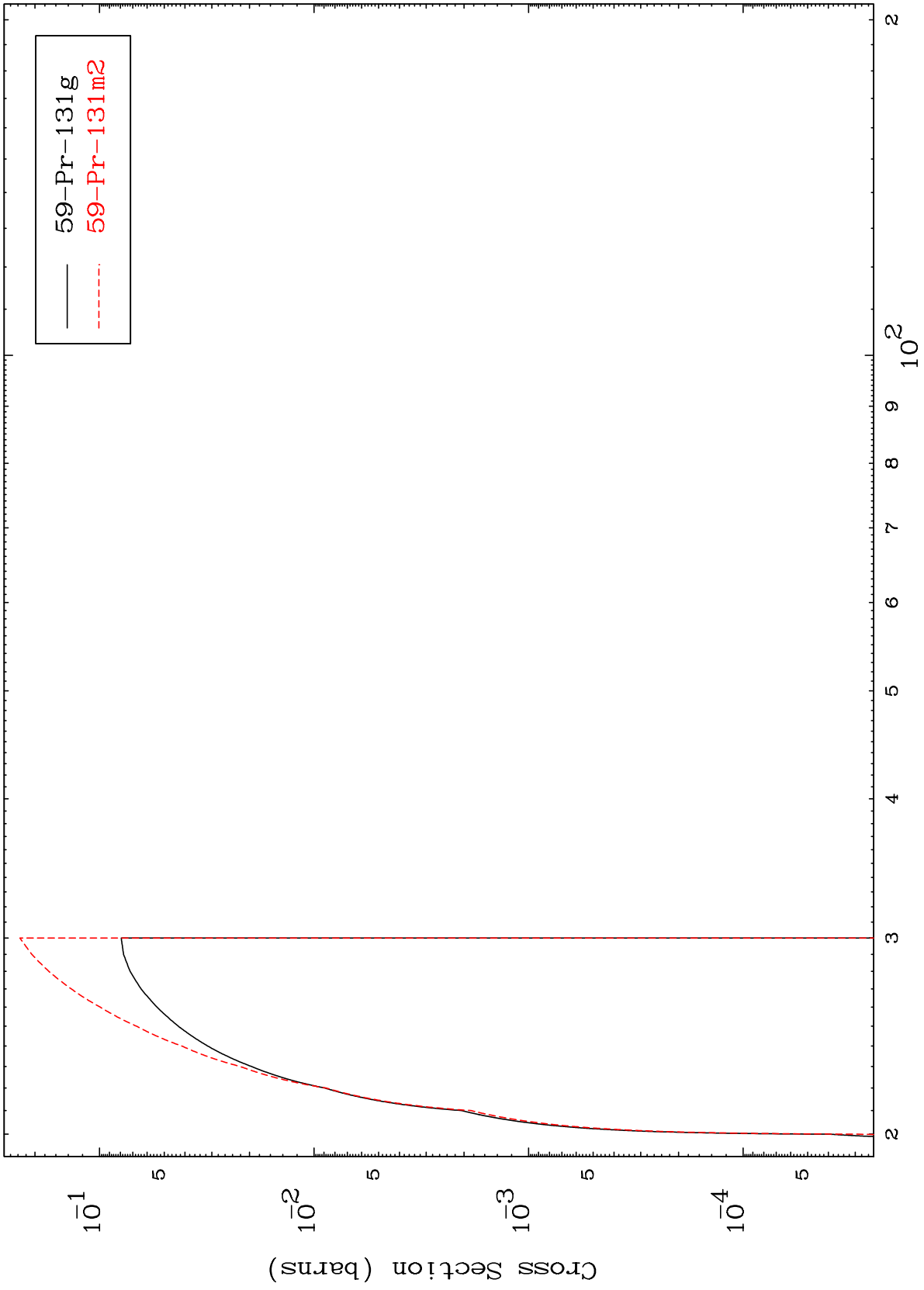
### Inelastic Radionuclide Production Cross Section



MAT 5902

59-Pr-133

(n,3n)  
Radionuclide Production Cross Section



59-Pr-133

Incident Energy (MeV)

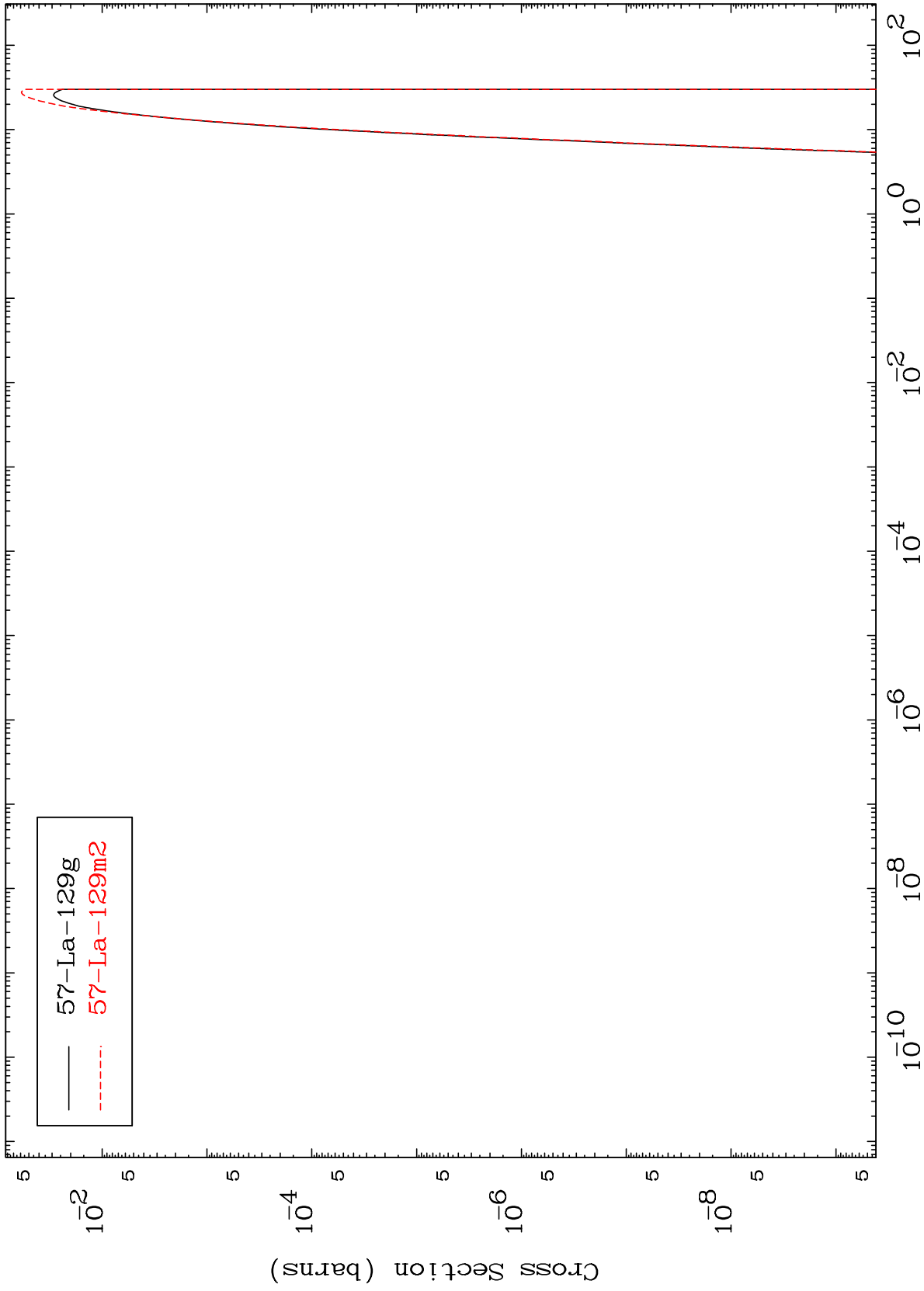
20

MAT 5902

(n,n')  $\alpha$

59-Pr-133

Radionuclide Production Cross Section



21

Incident Energy (MeV)

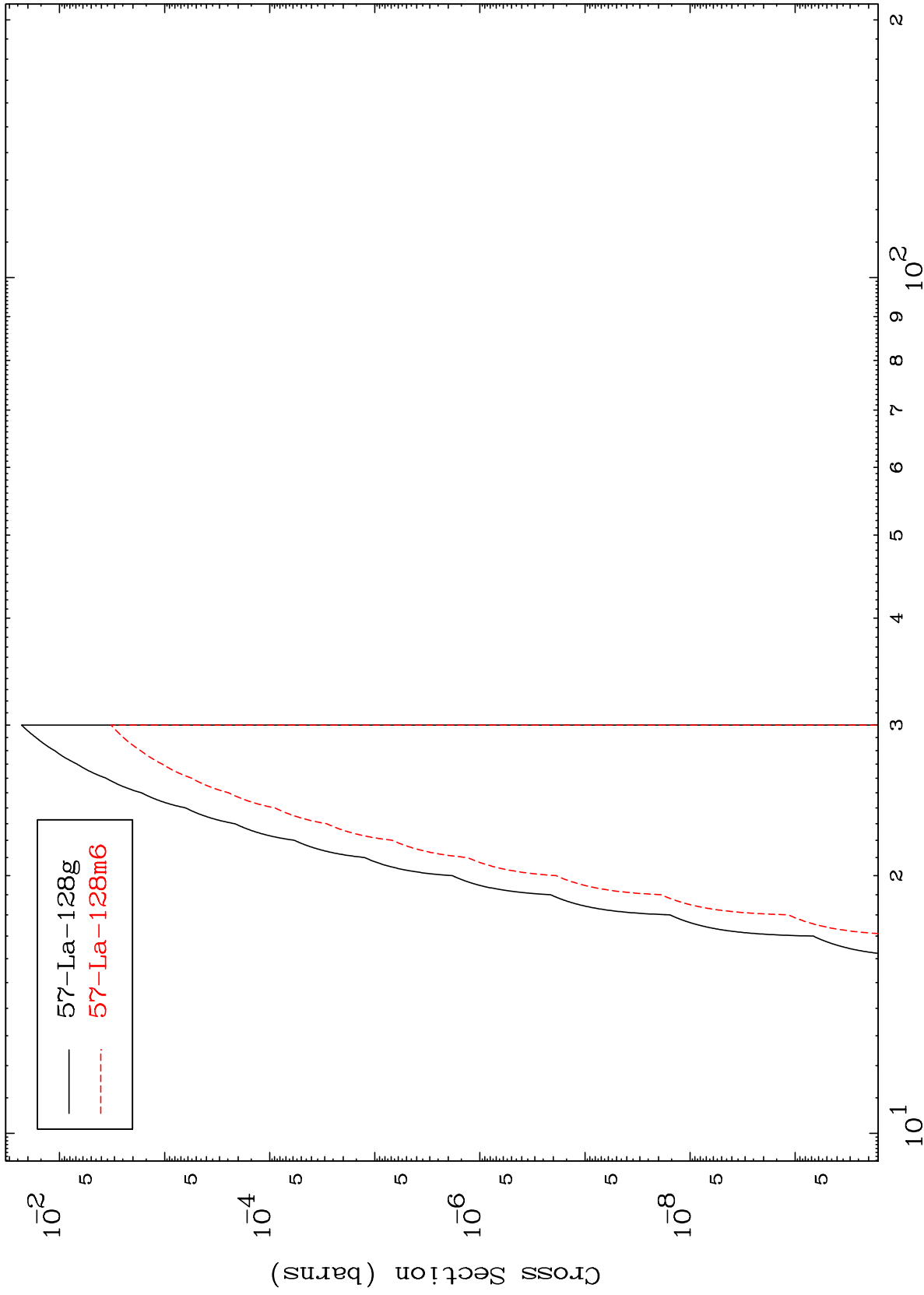
59-Pr-133

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(n,2n)  $\alpha$

59-Pr-133

Radionuclide Production Cross Section



22

59-Pr-133

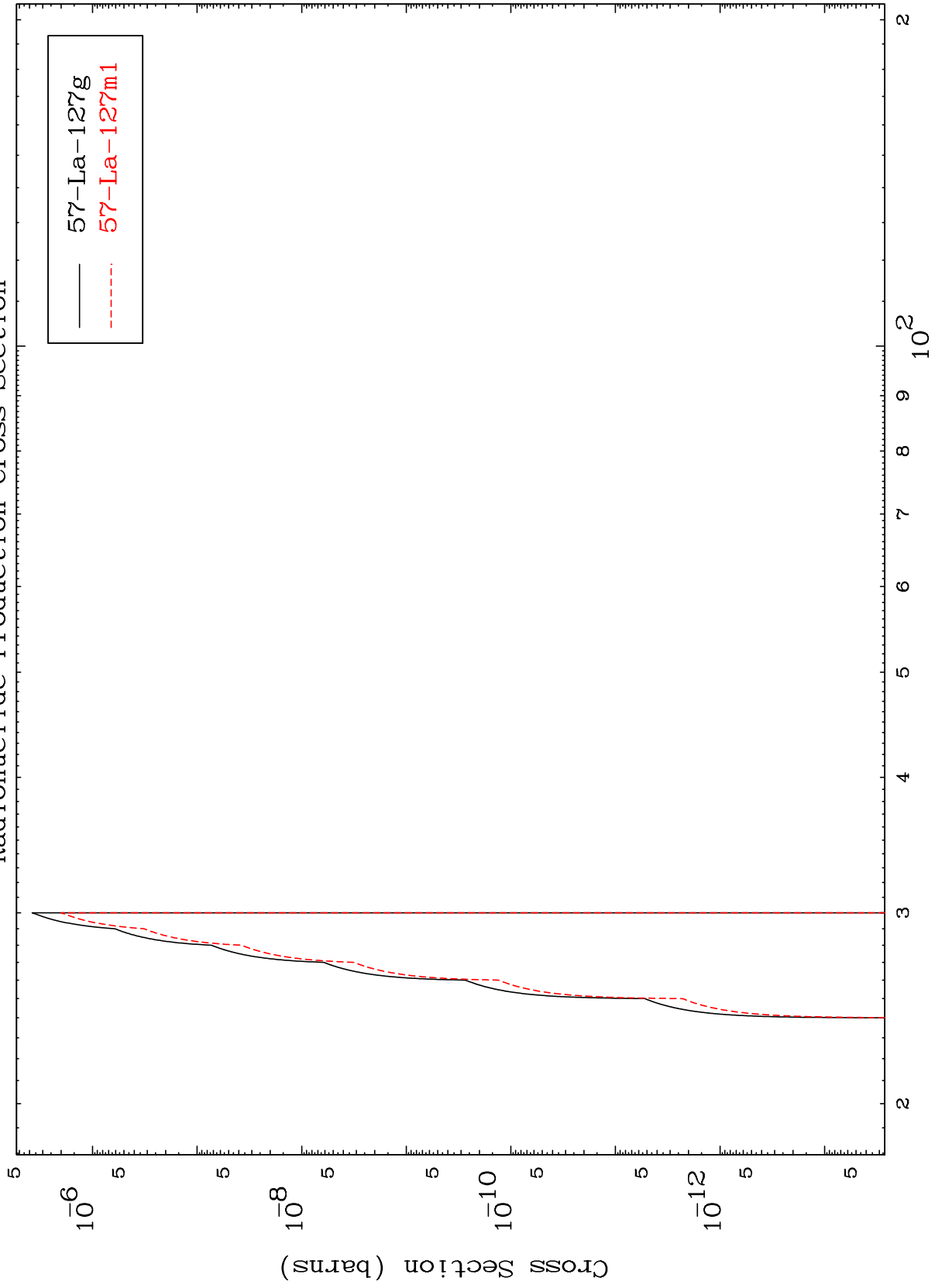
59-Pr-133

MAT 5902

(n,3n)  $\alpha$

59-Pr-133

Radionuclide Production Cross Section



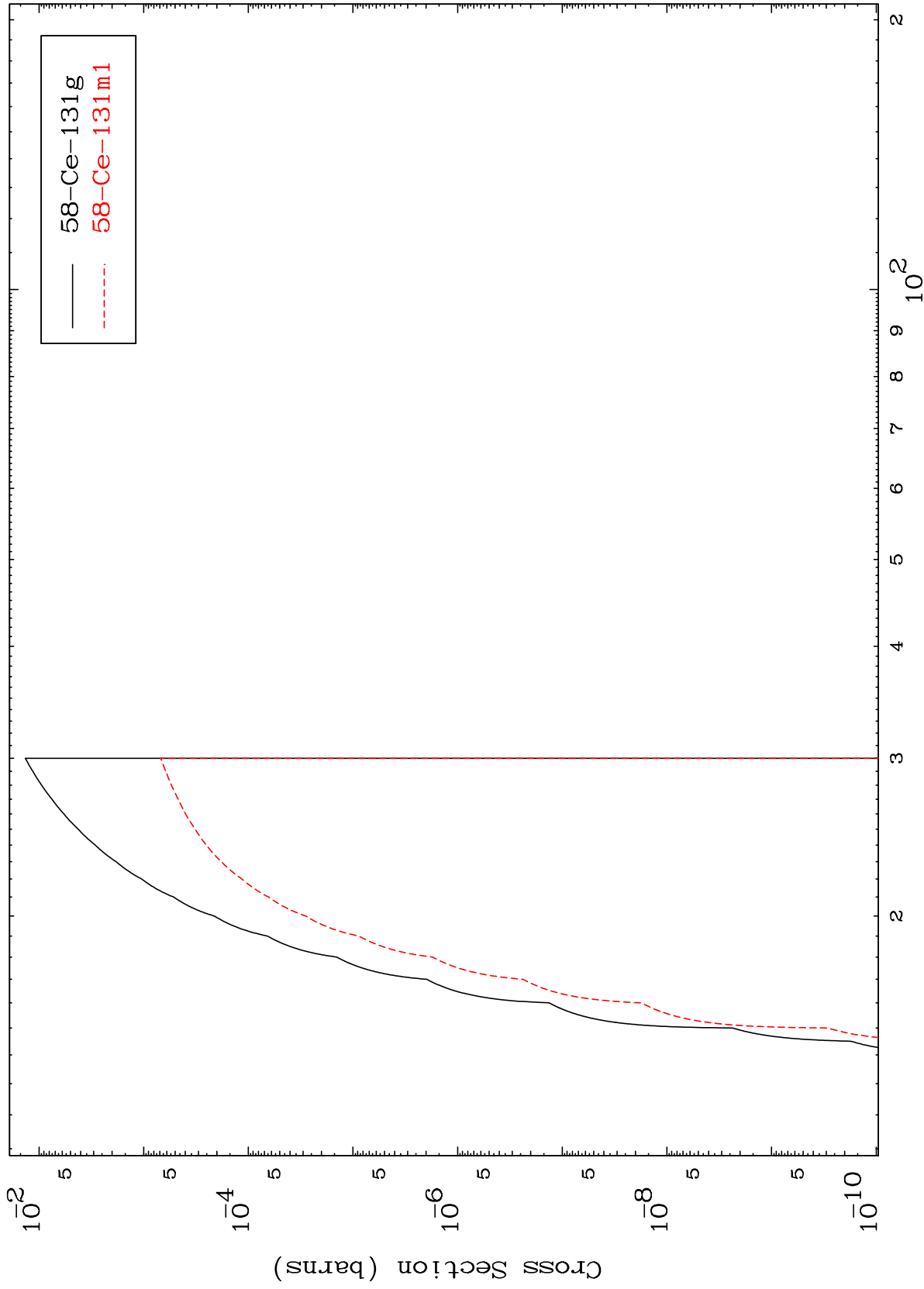
23

Incident Energy (MeV)

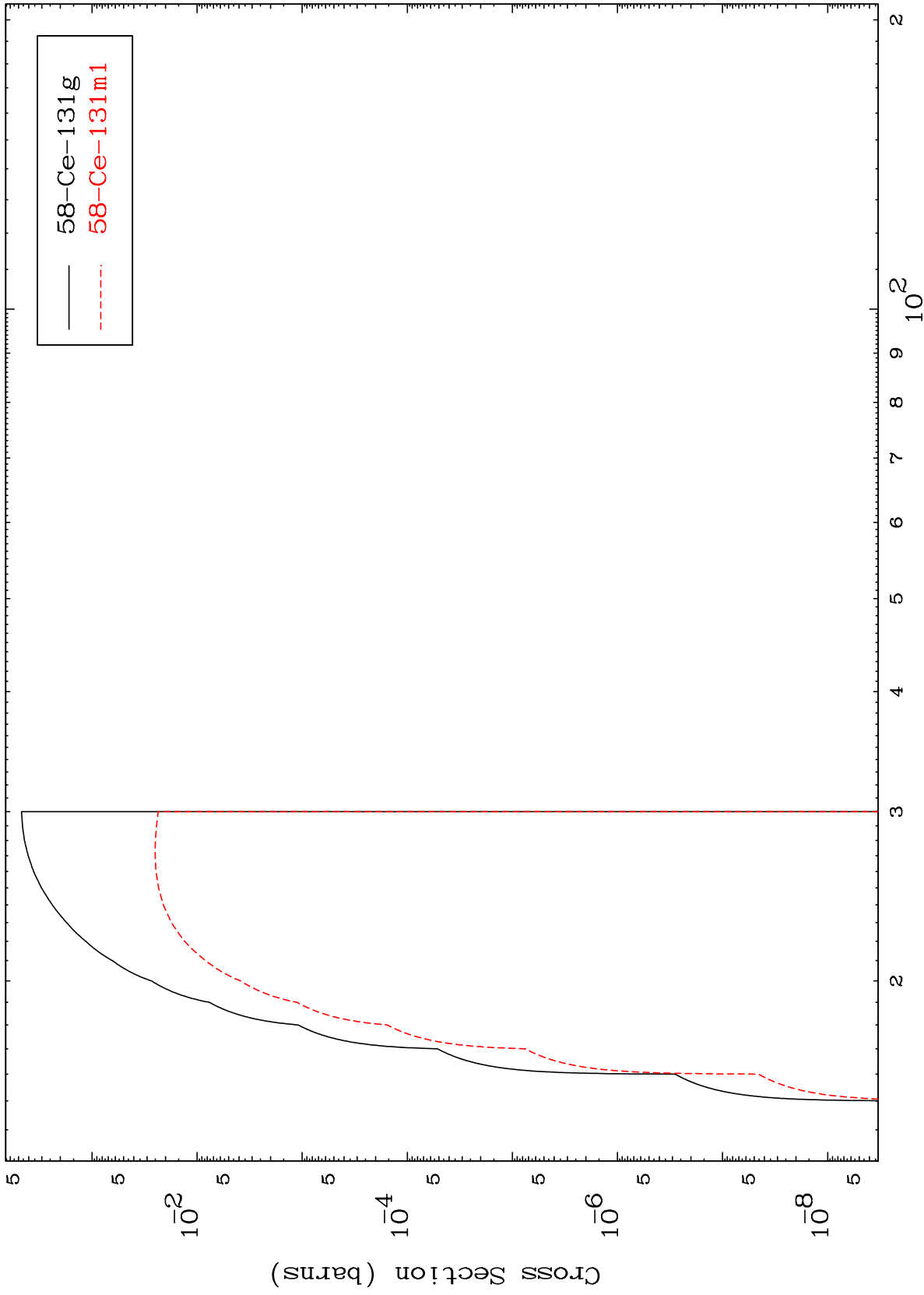
59-Pr-133



Radionuclide Production Cross Section



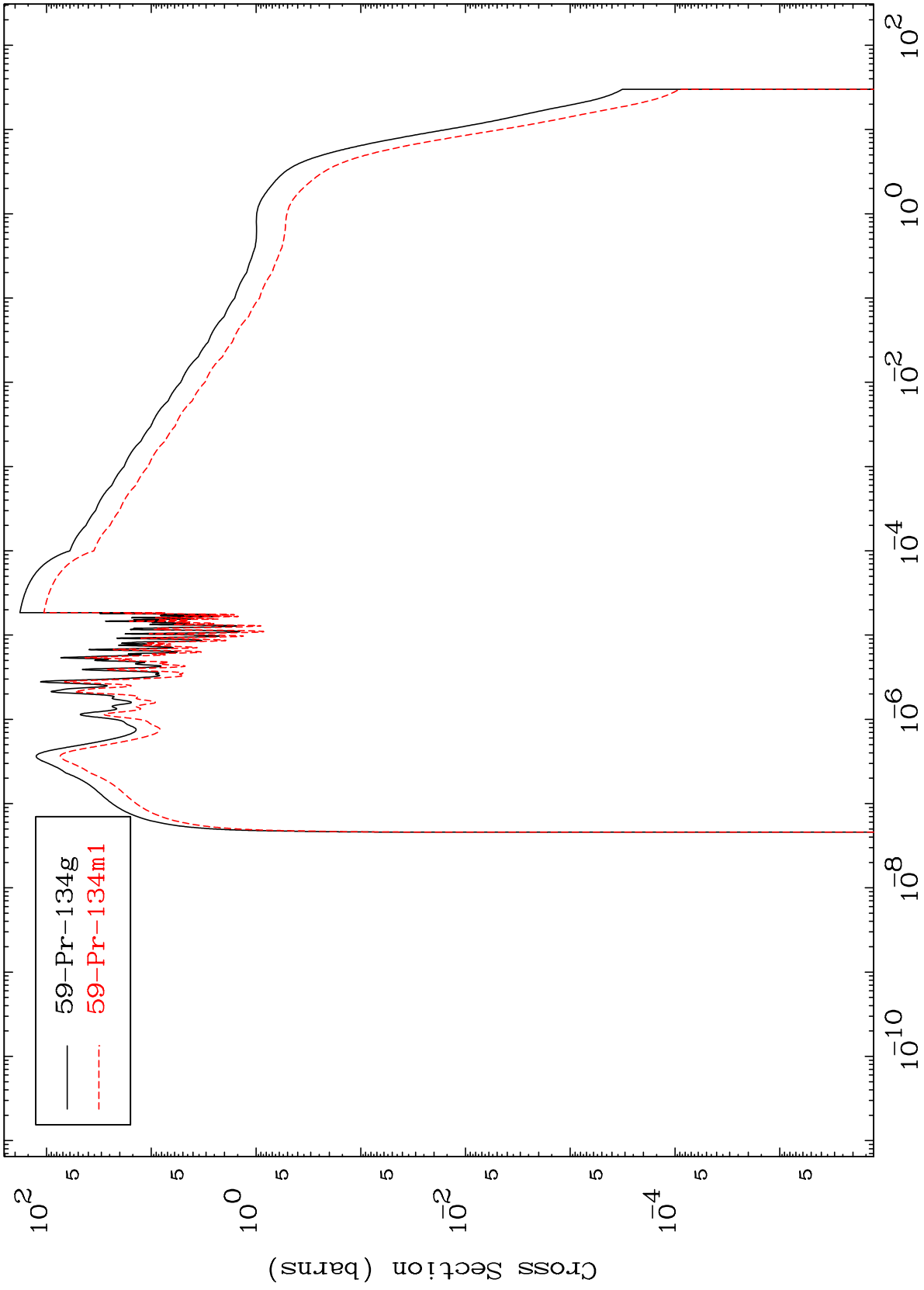
Radionuclide Production Cross Section



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59-Pr-133

Radionuclide Production Cross Section (n,γ)



26

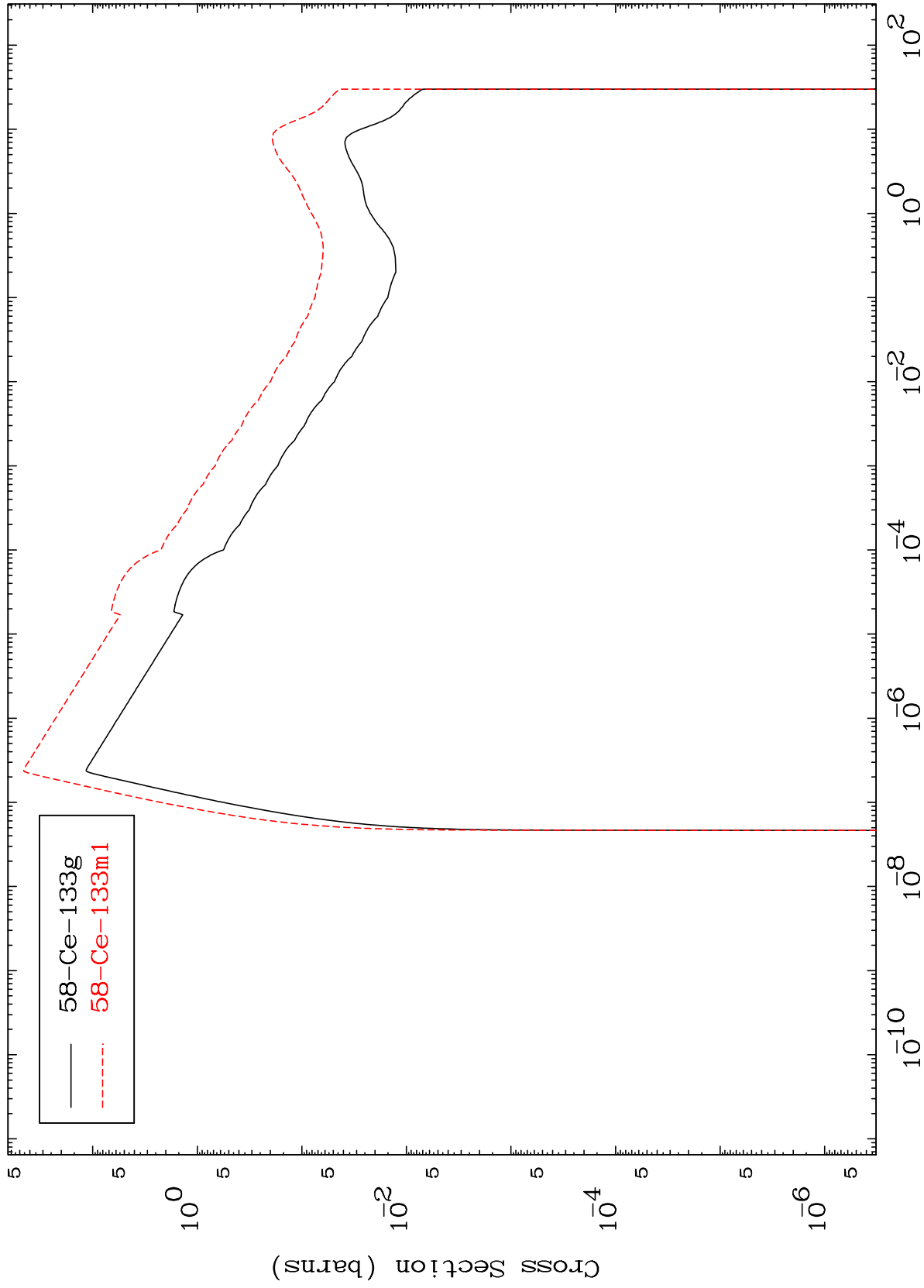
59-Pr-133

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(n,p)

59-Pr-133

Radionuclide Production Cross Section



27

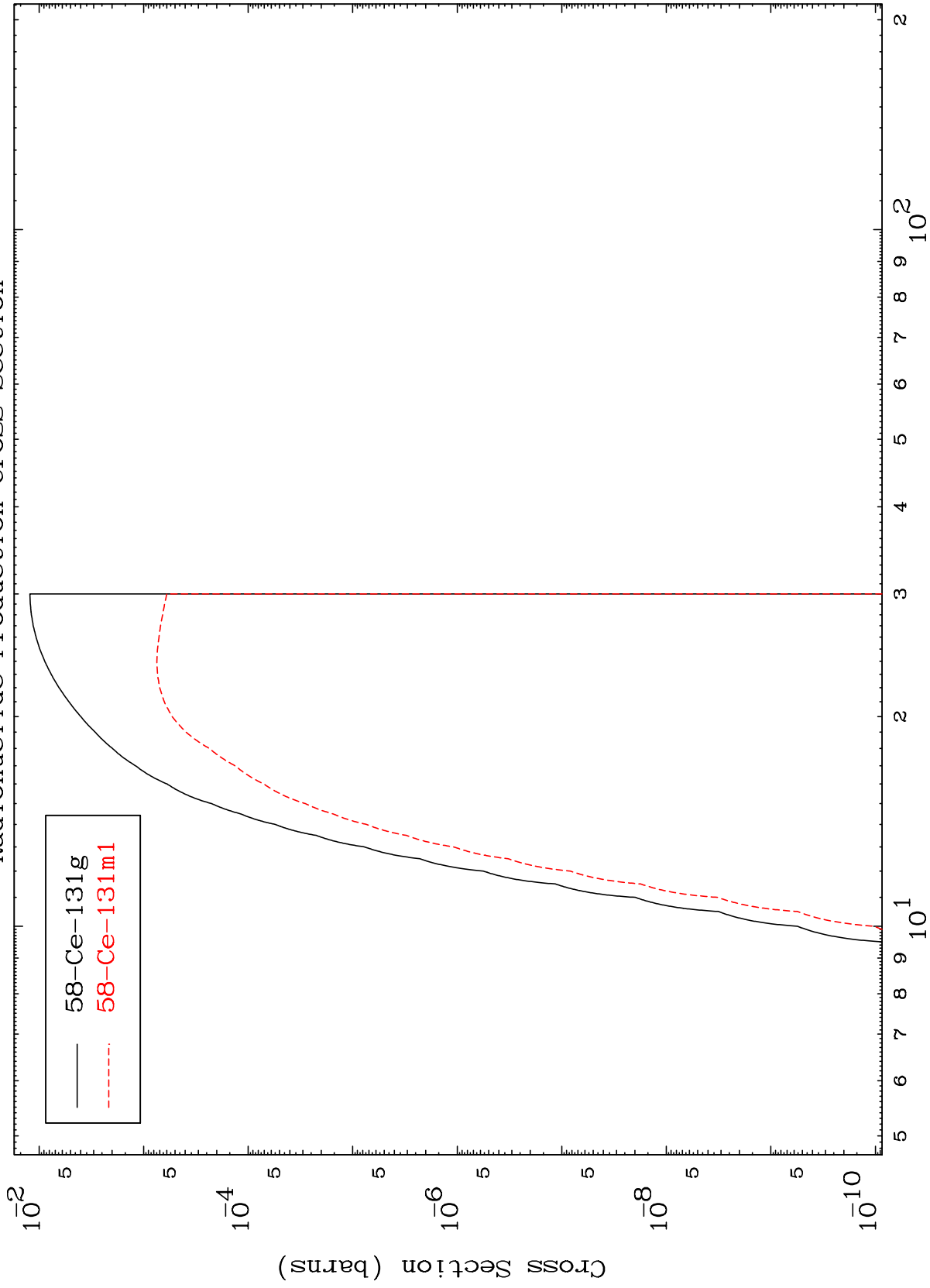
Incident Energy (MeV)

59-Pr-133

MAT 5902

59-Pr-133

(n, t)  
Radionuclide Production Cross Section



28

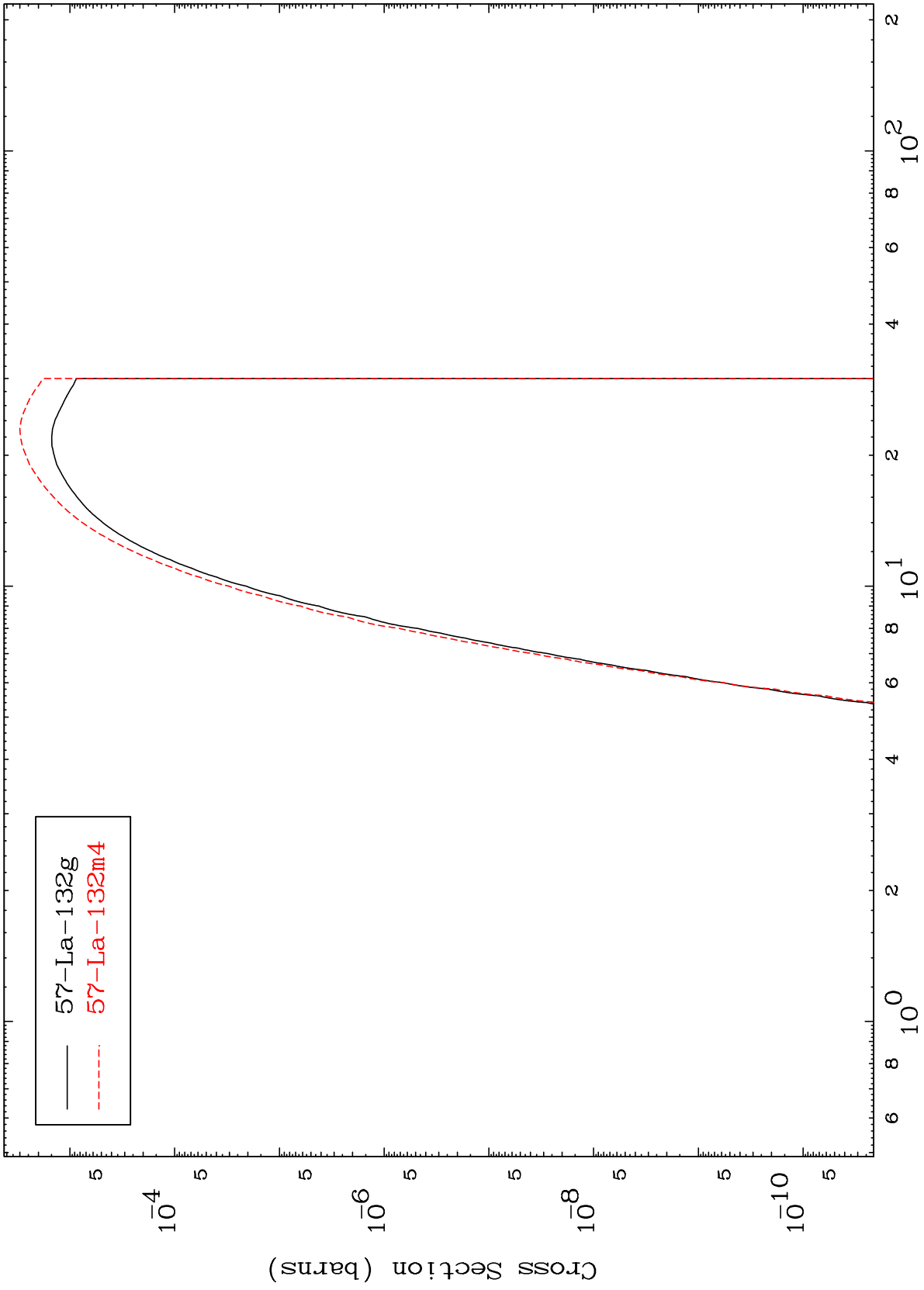
Incident Energy (MeV)

59-Pr-133

MAT 5902

59-Pr-133

(n,2p)  
Radionuclide Production Cross Section



29

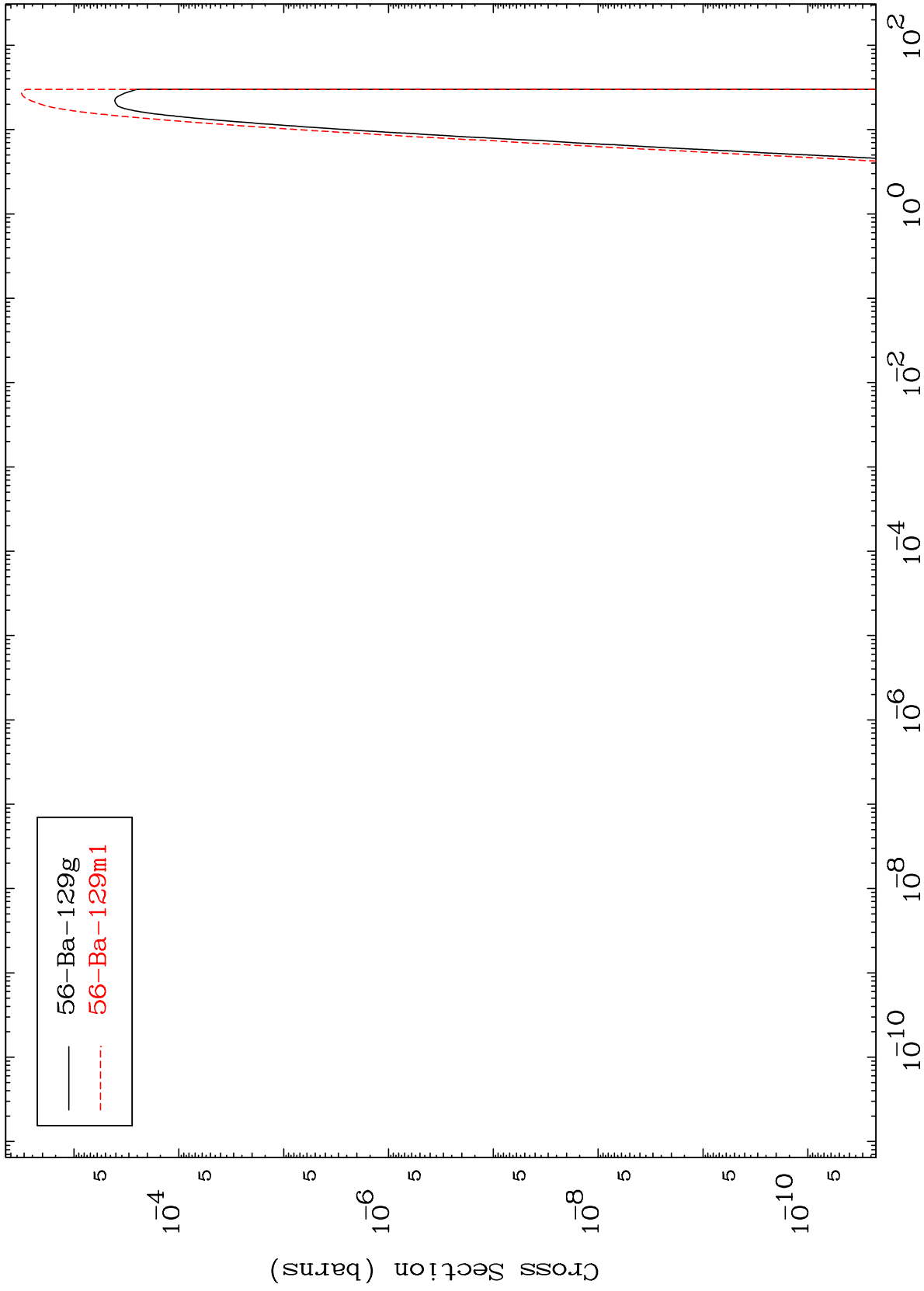
59-Pr-133

MAT 5902

(n,p)  $\alpha$

59-Pr-133

Radionuclide Production Cross Section



30

Incident Energy (MeV)

59-Pr-133