

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)  
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

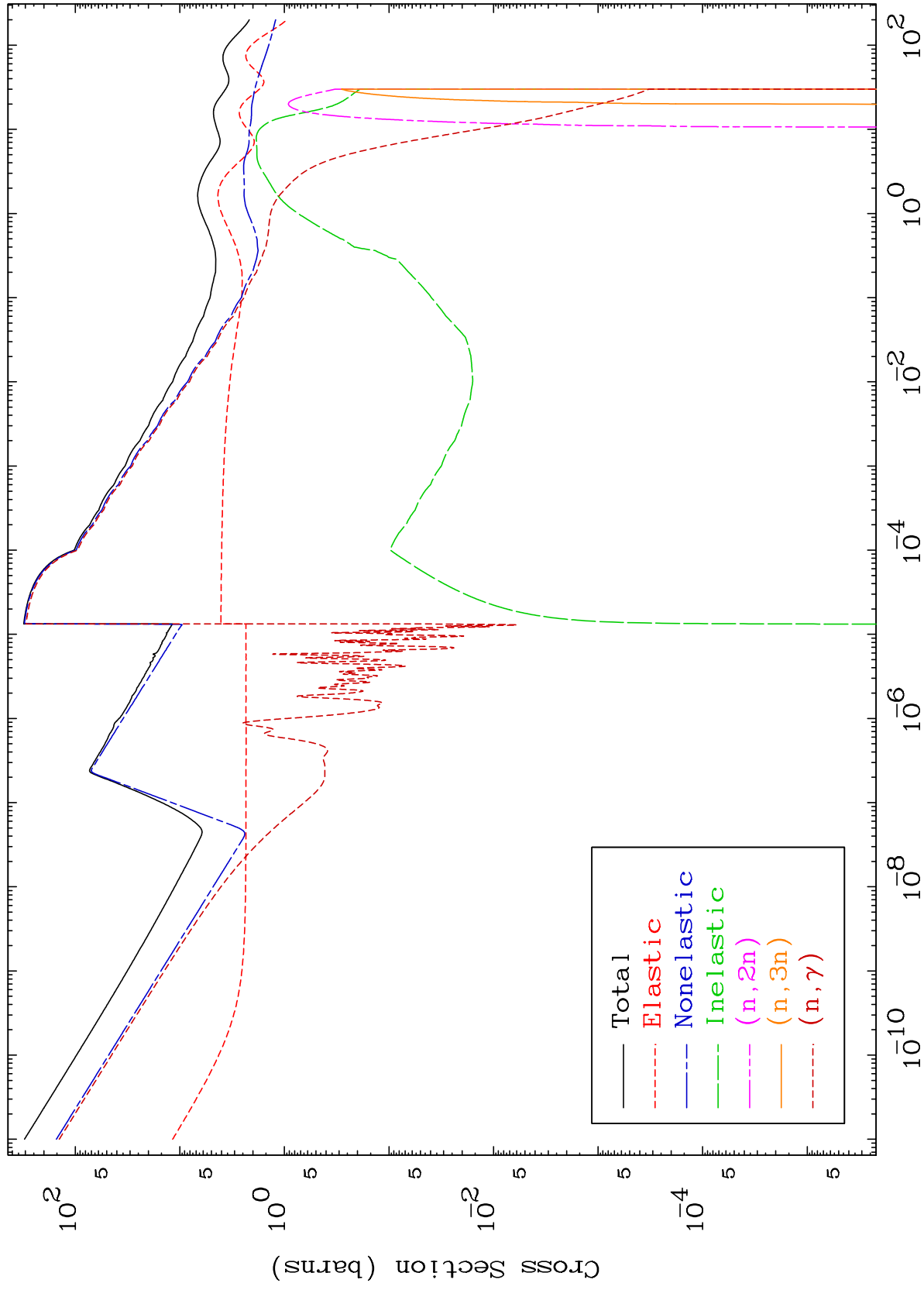
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

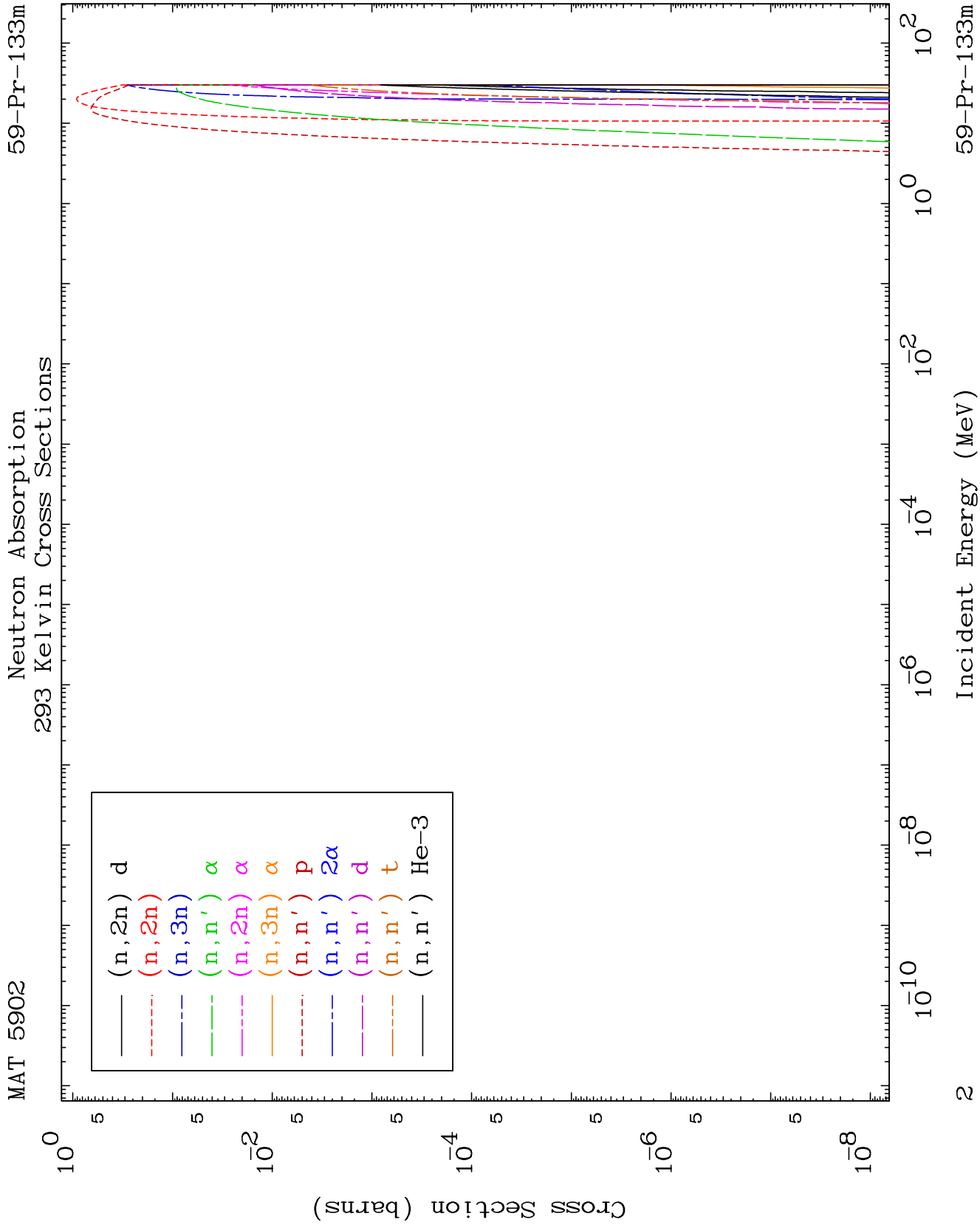
Press Mouse Button to Start

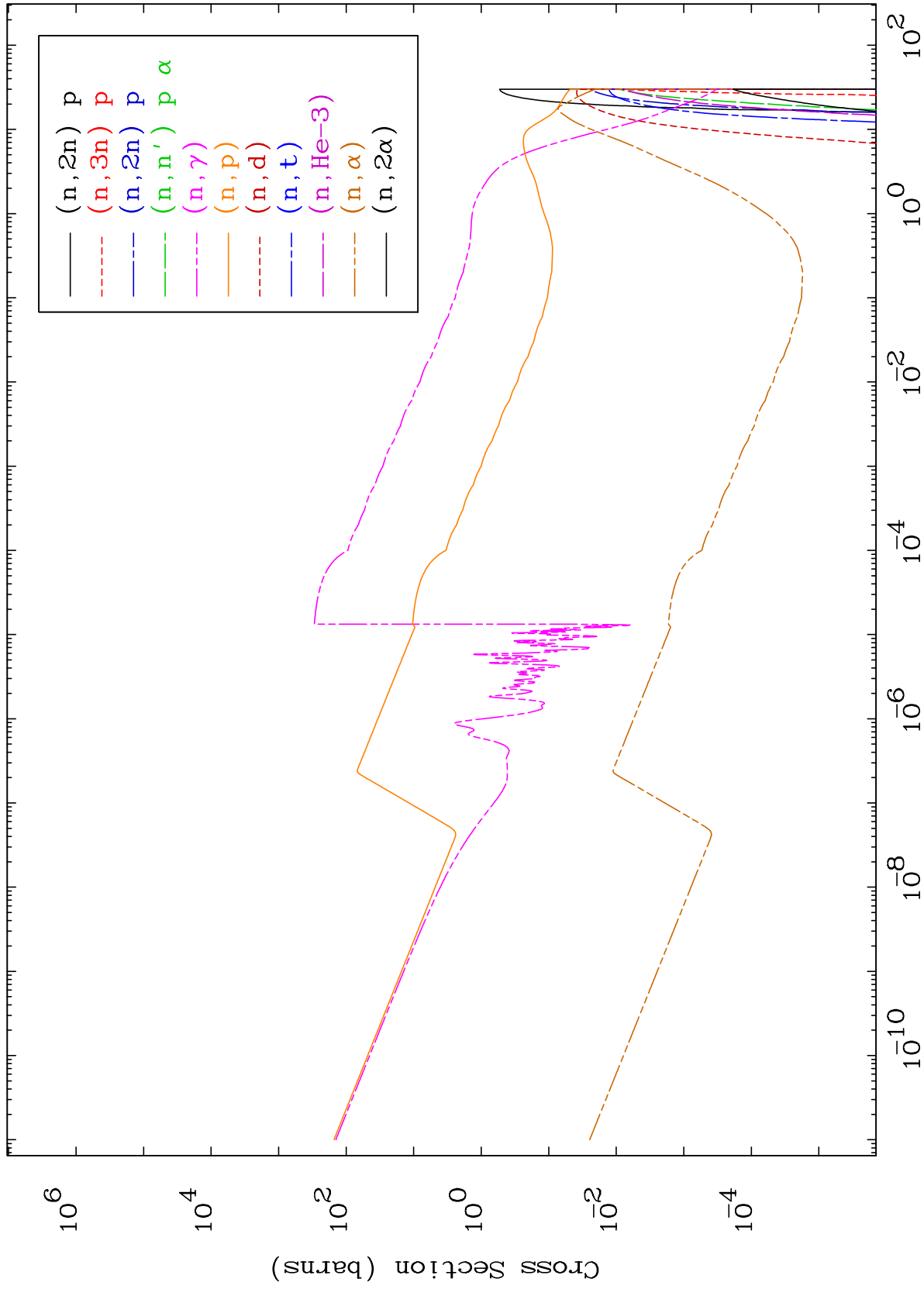
MAT 5902

Neutron Major  
293 Kelvin Cross Sections

59-Pr-133m



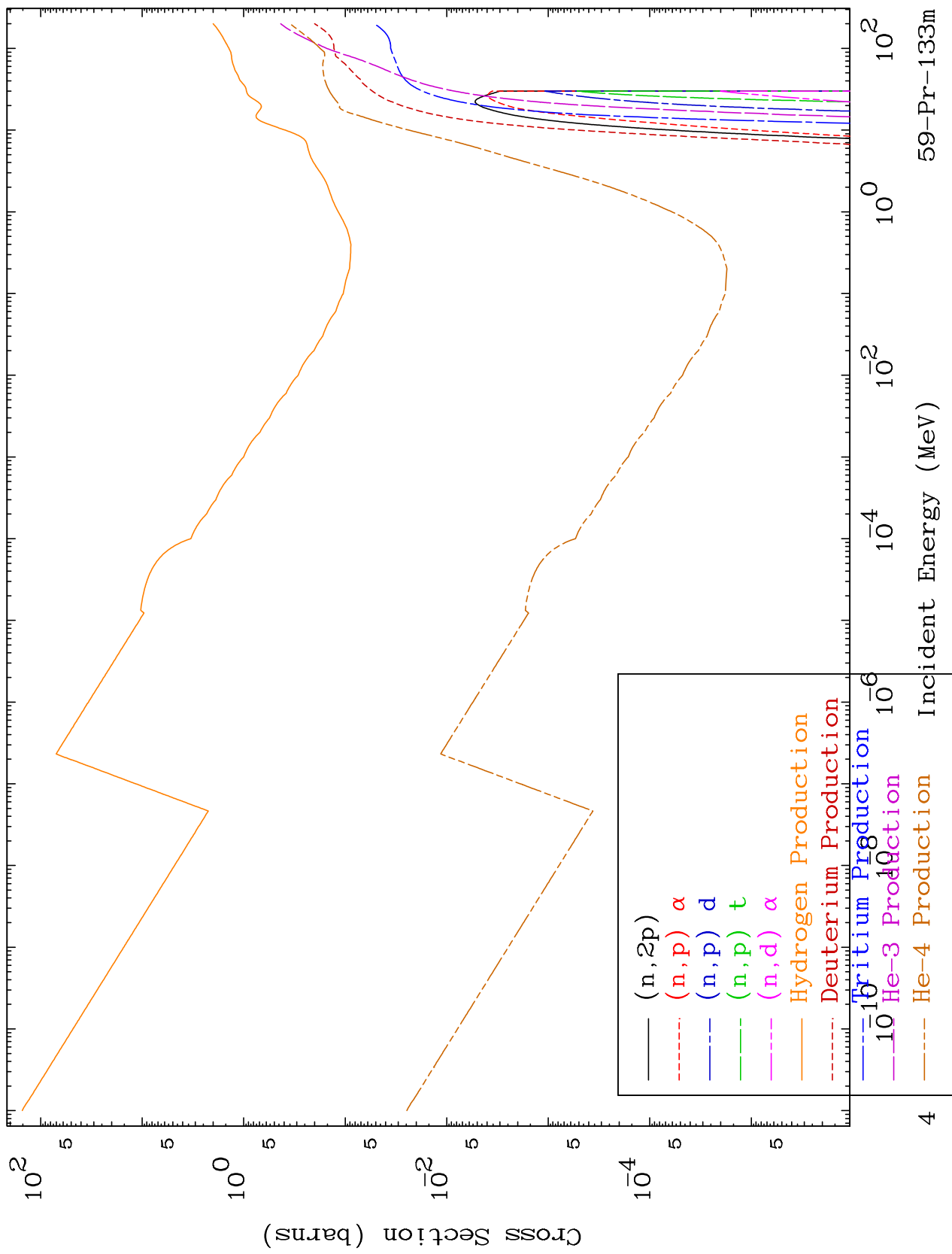




MAT 5902

Neutron Absorption  
293 Kelvin Cross Sections

59-Pr-133m

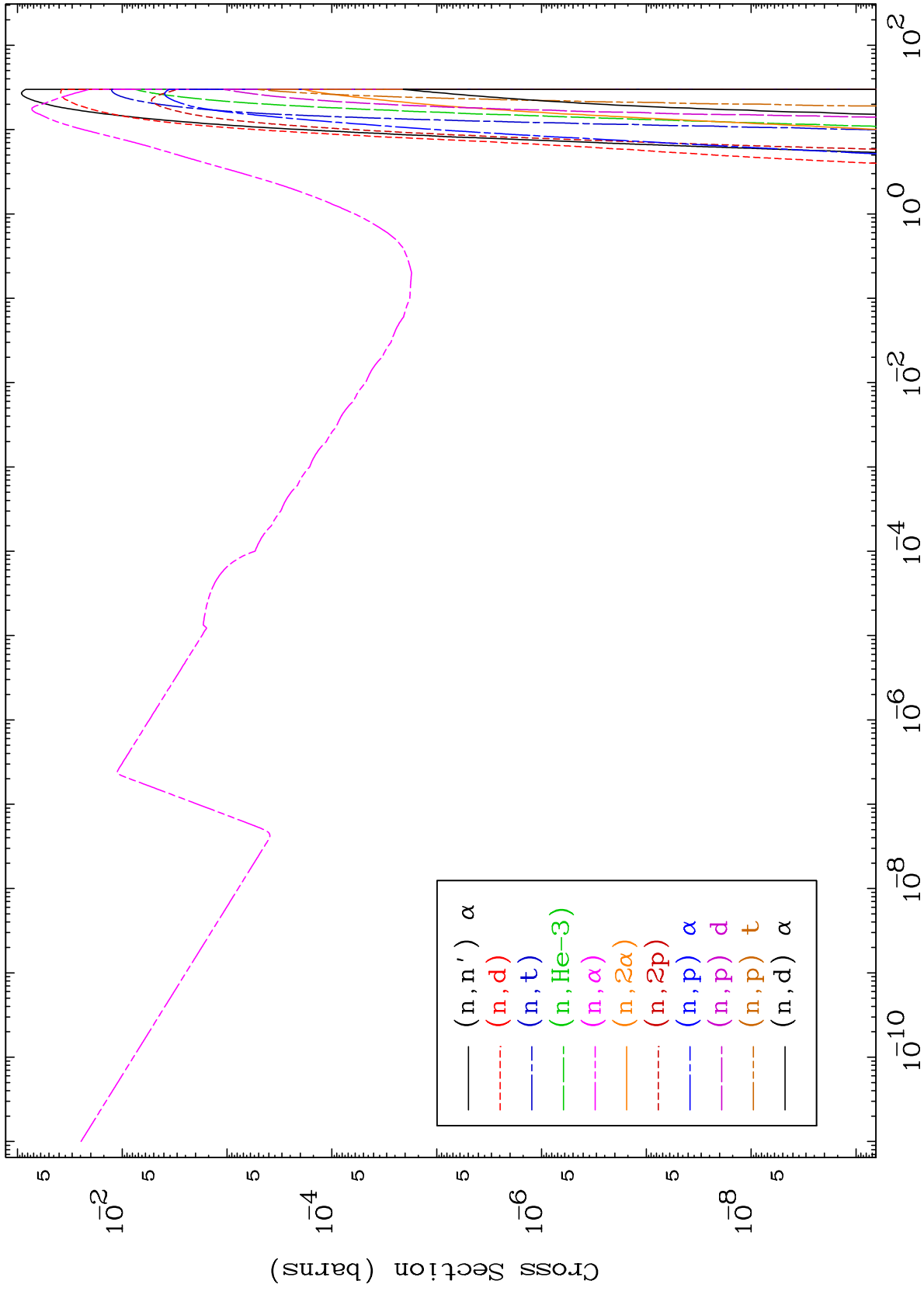




MAT 5902

Charged Particle  
293 Kelvin Cross Sections

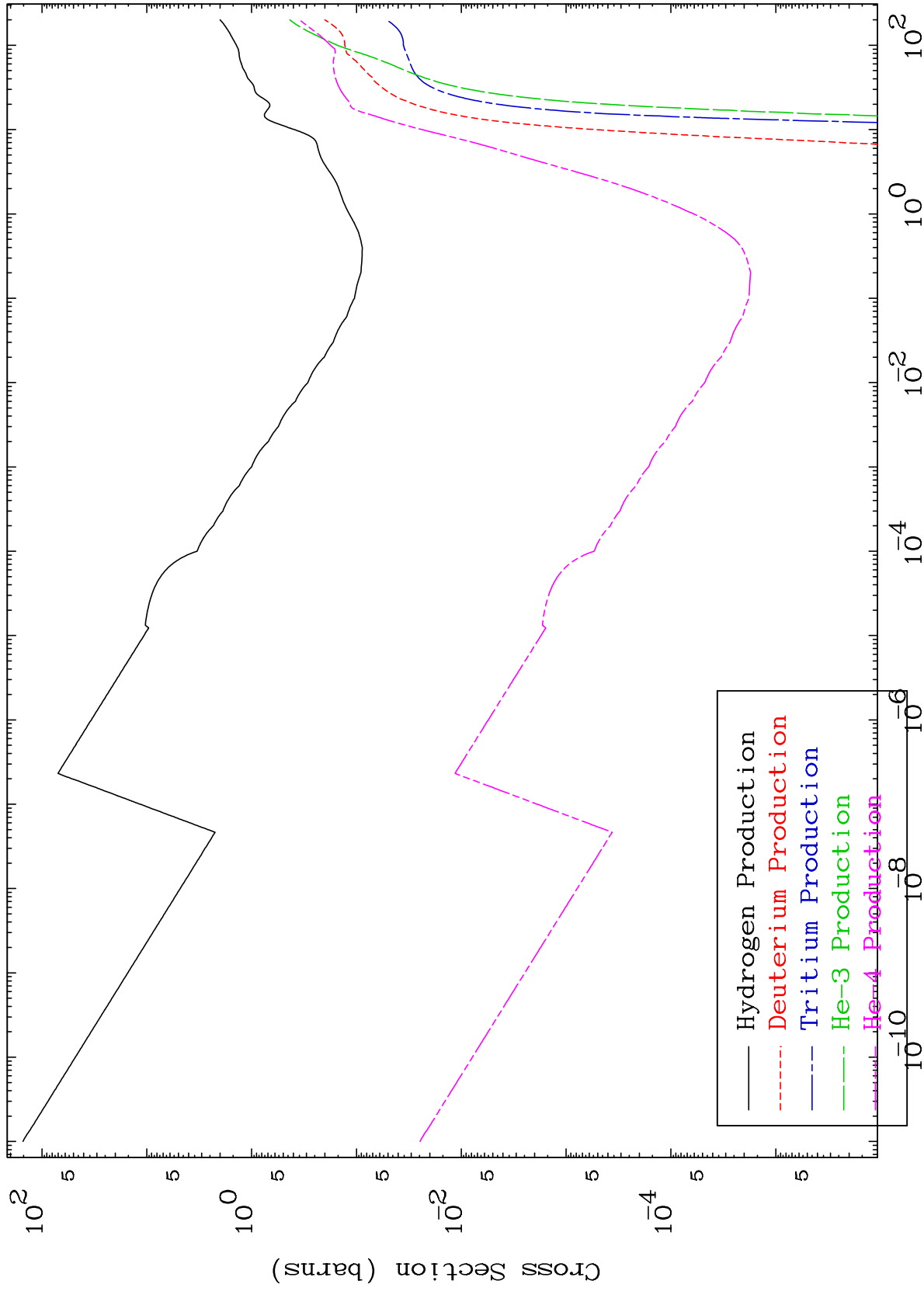
59-Pr-133m



MAT 5902

Particle Production  
293 Kelvin Cross Sections

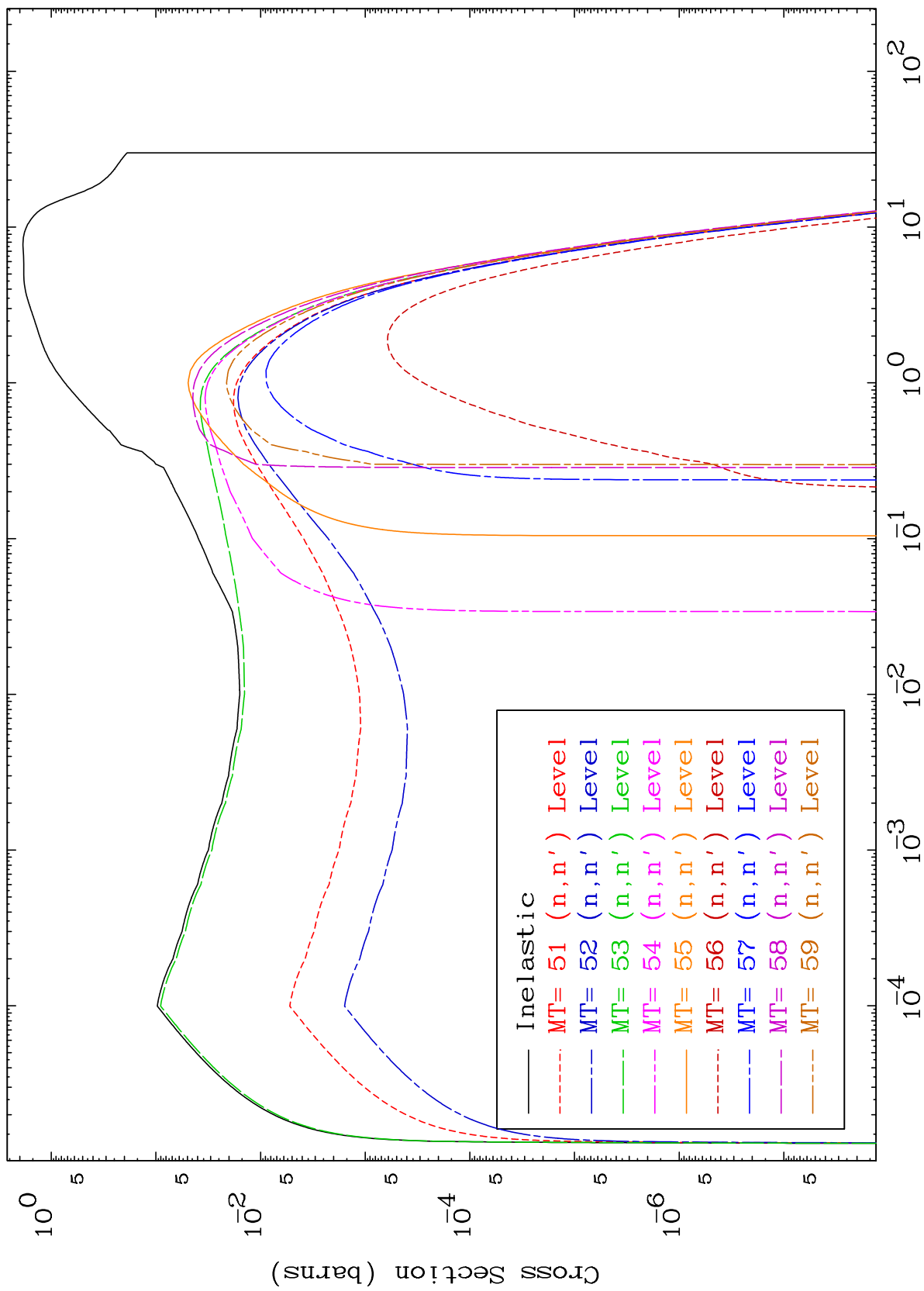
59-Pr-133m



MAT 5902

(n,n') Levels  
293 Kelvin Cross Sections

59-Pr-133m

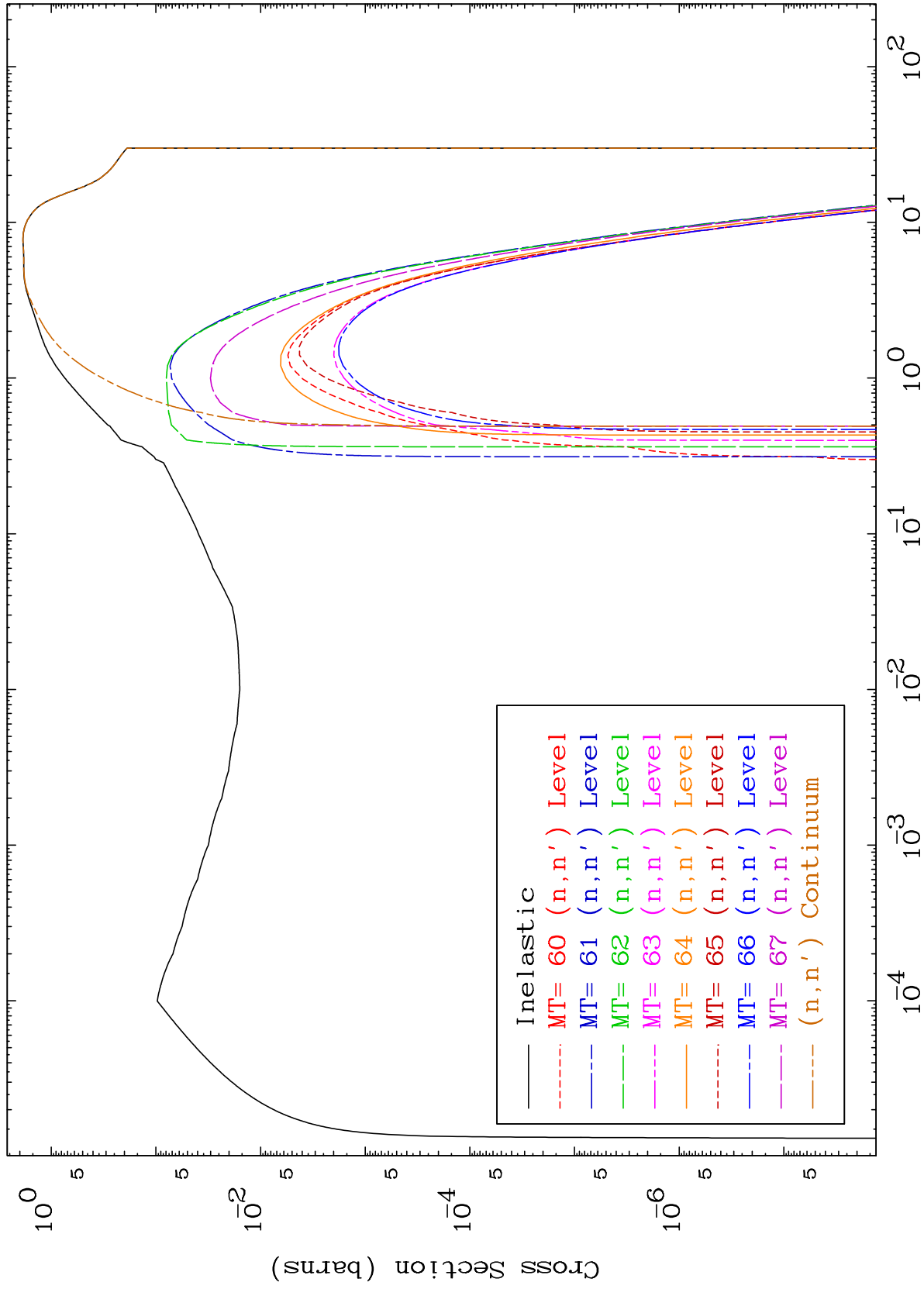


MAT 5902

(n,n') Levels

293 Kelvin Cross Sections

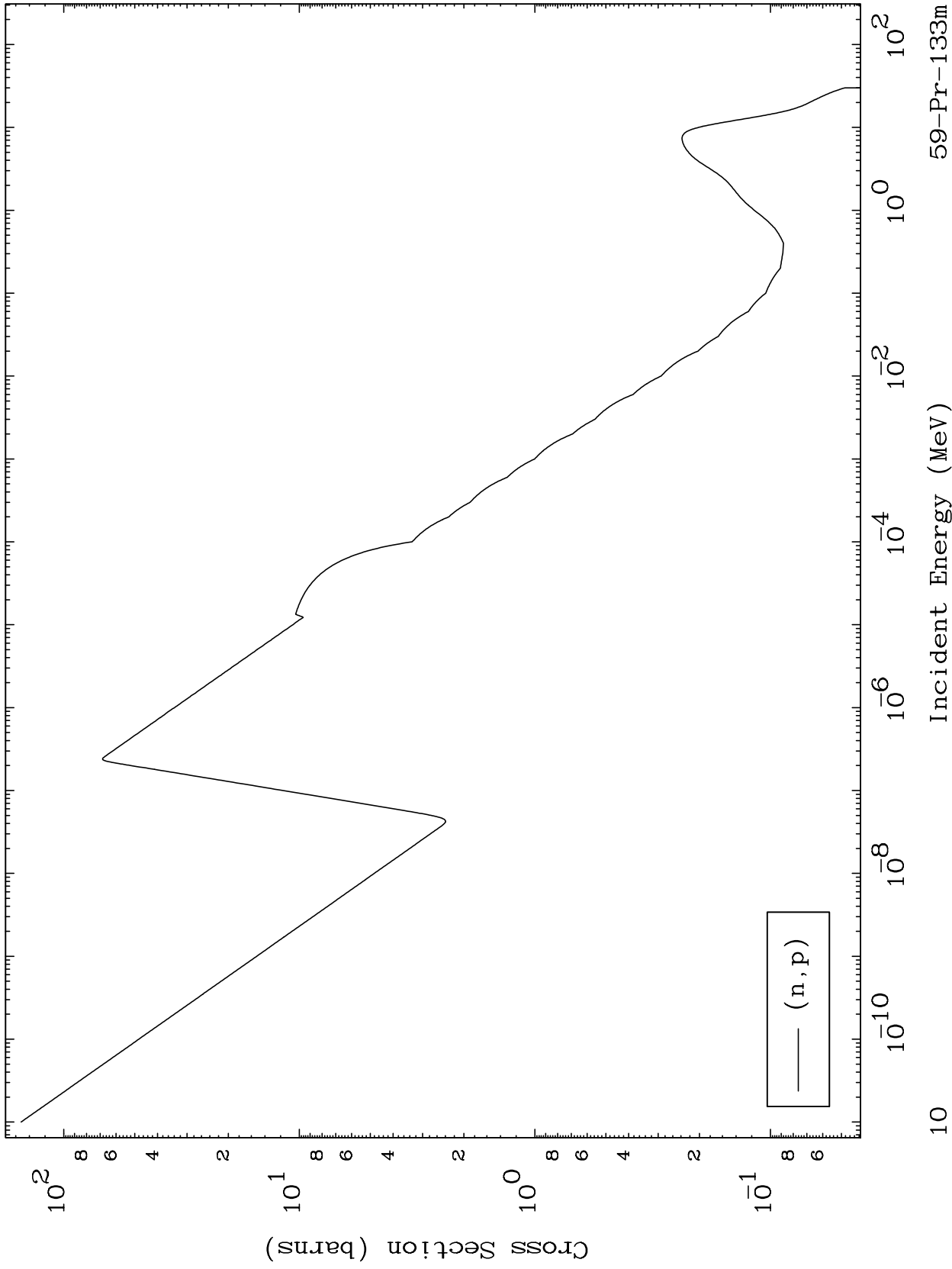
59-Pr-133m



MAT 5902

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-133m

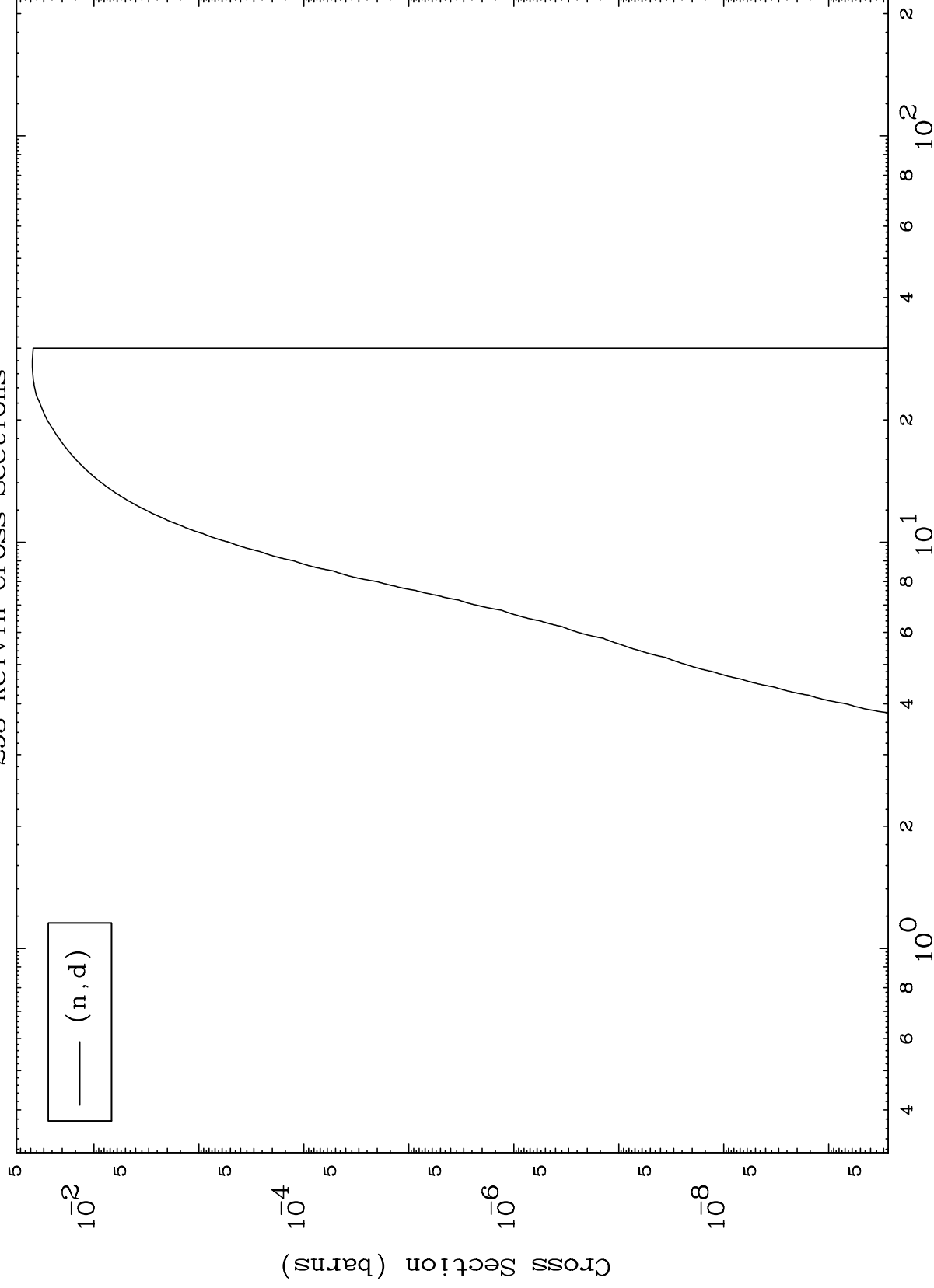


MAT 5902

(n,d) Levels

59-Pr-133m

293 Kelvin Cross Sections



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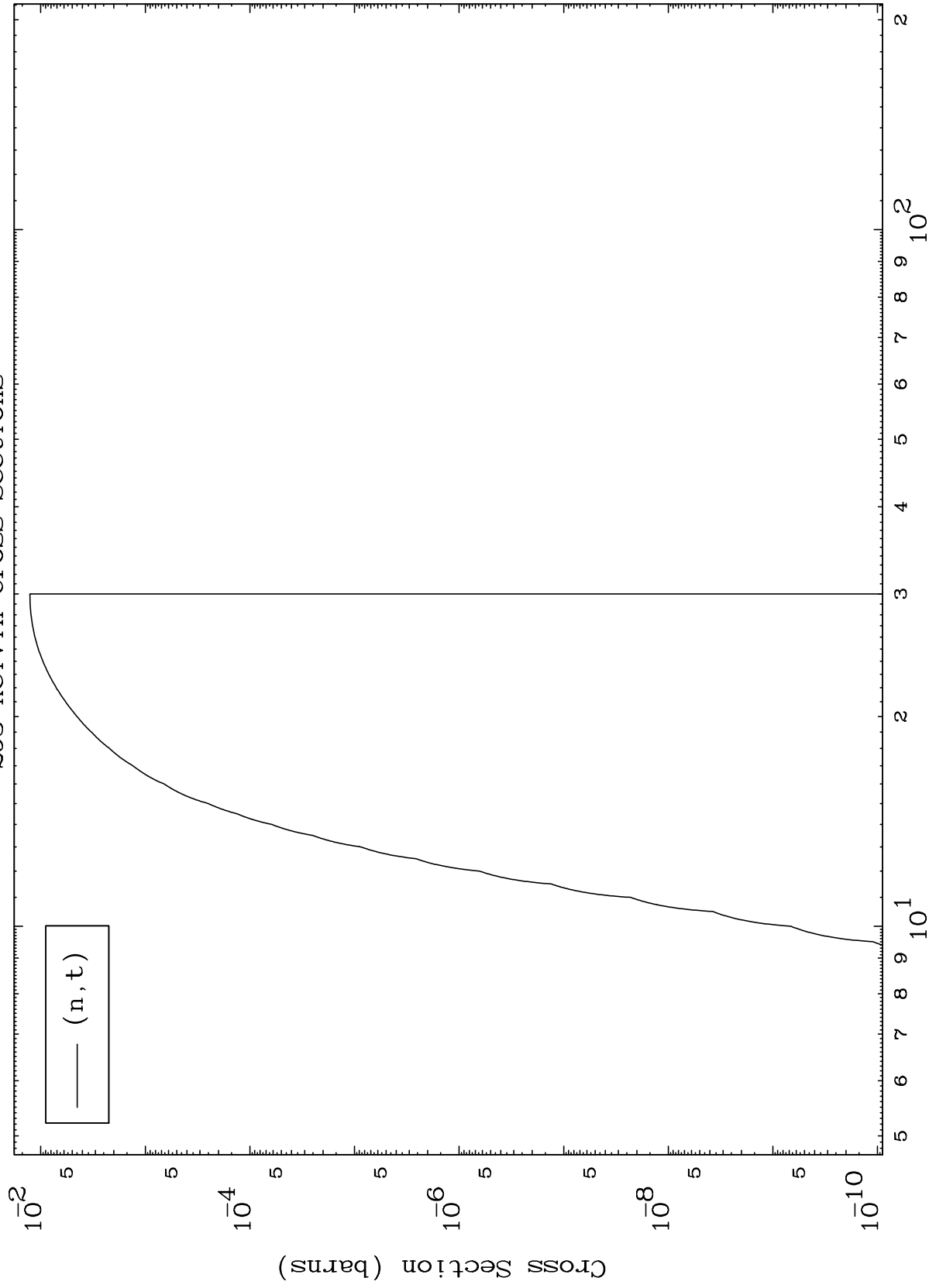
Incident Energy (MeV)

59-Pr-133m

MAT 5902

(n,t) Levels  
293 Kelvin Cross Sections

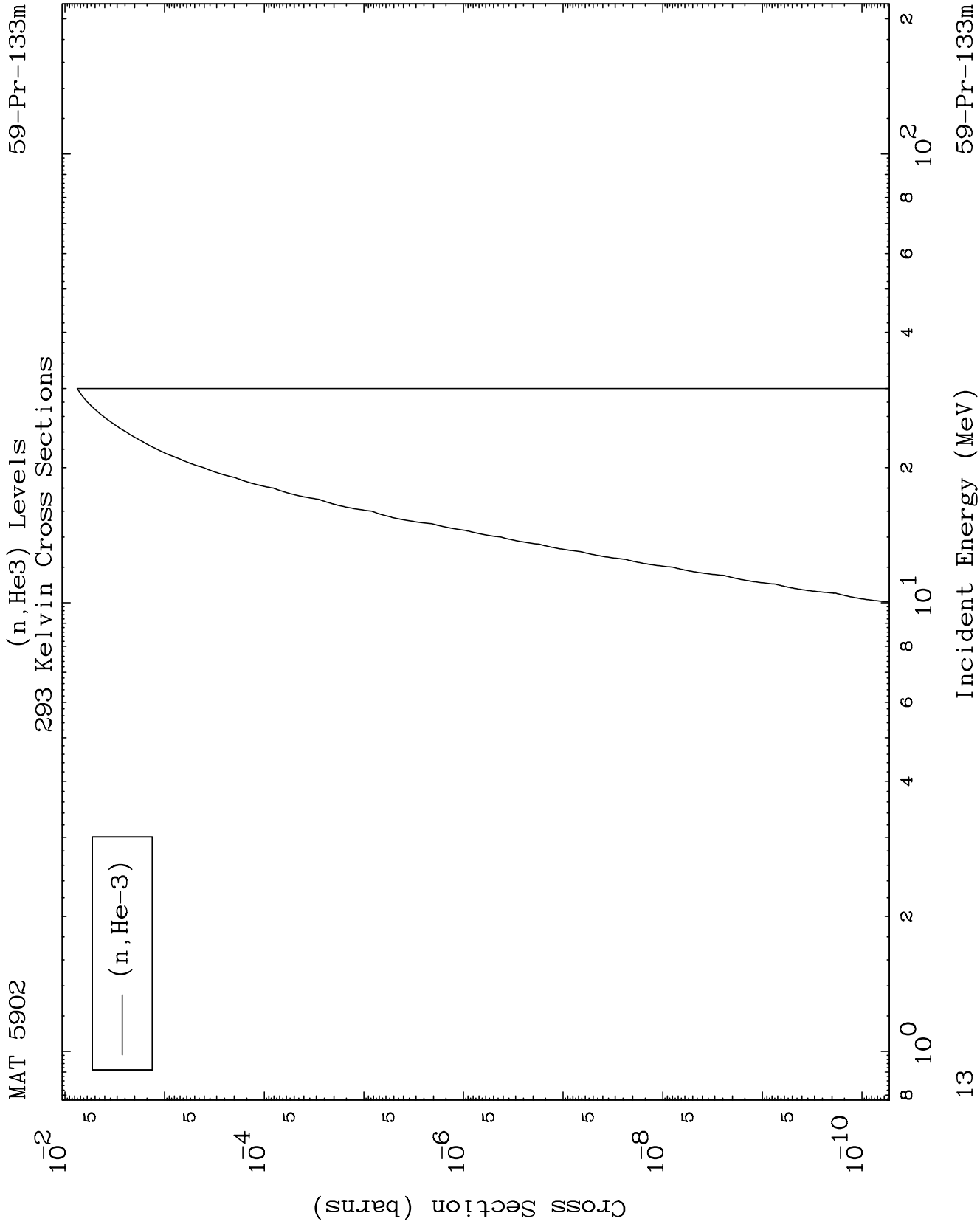
59-Pr-133m



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Incident Energy (MeV)

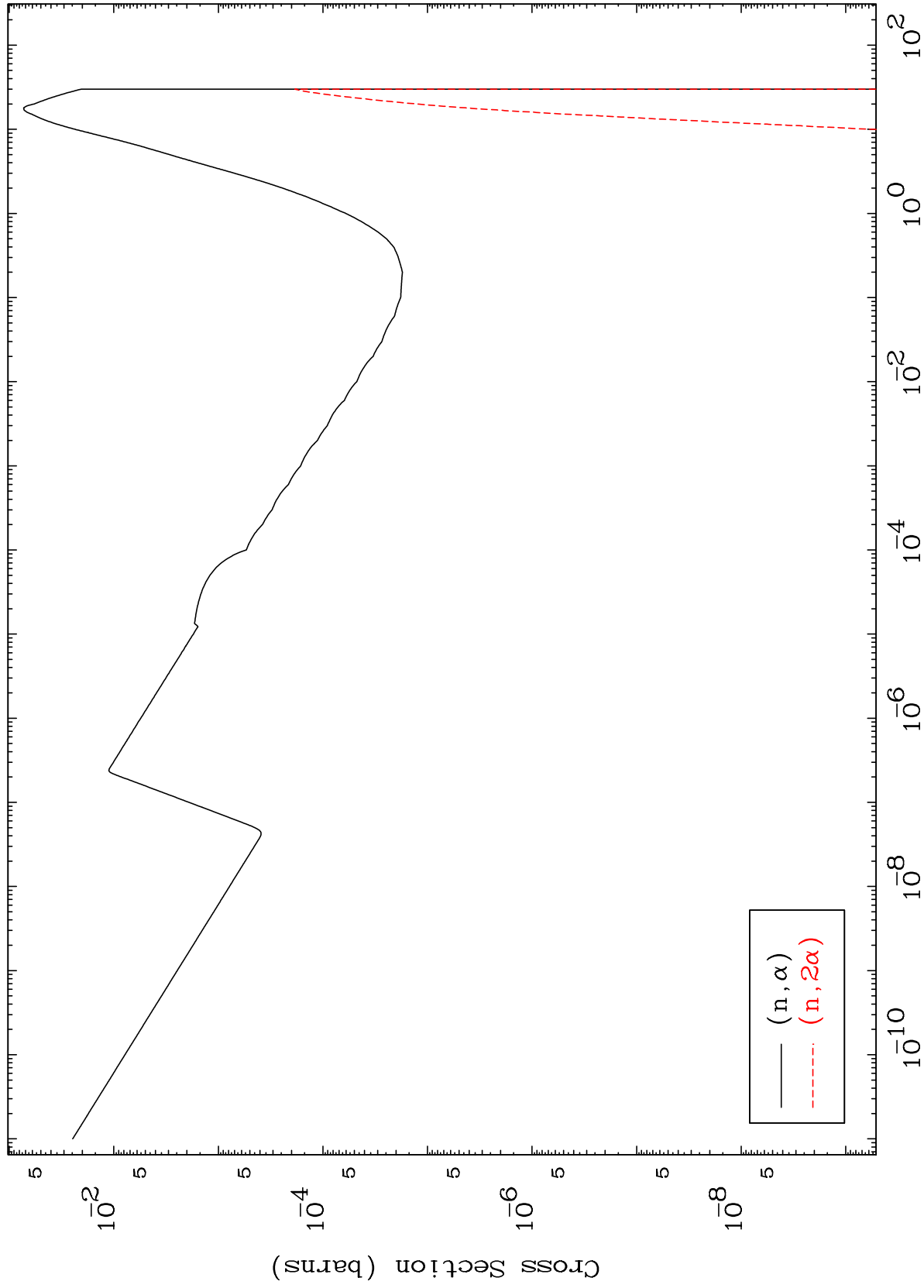
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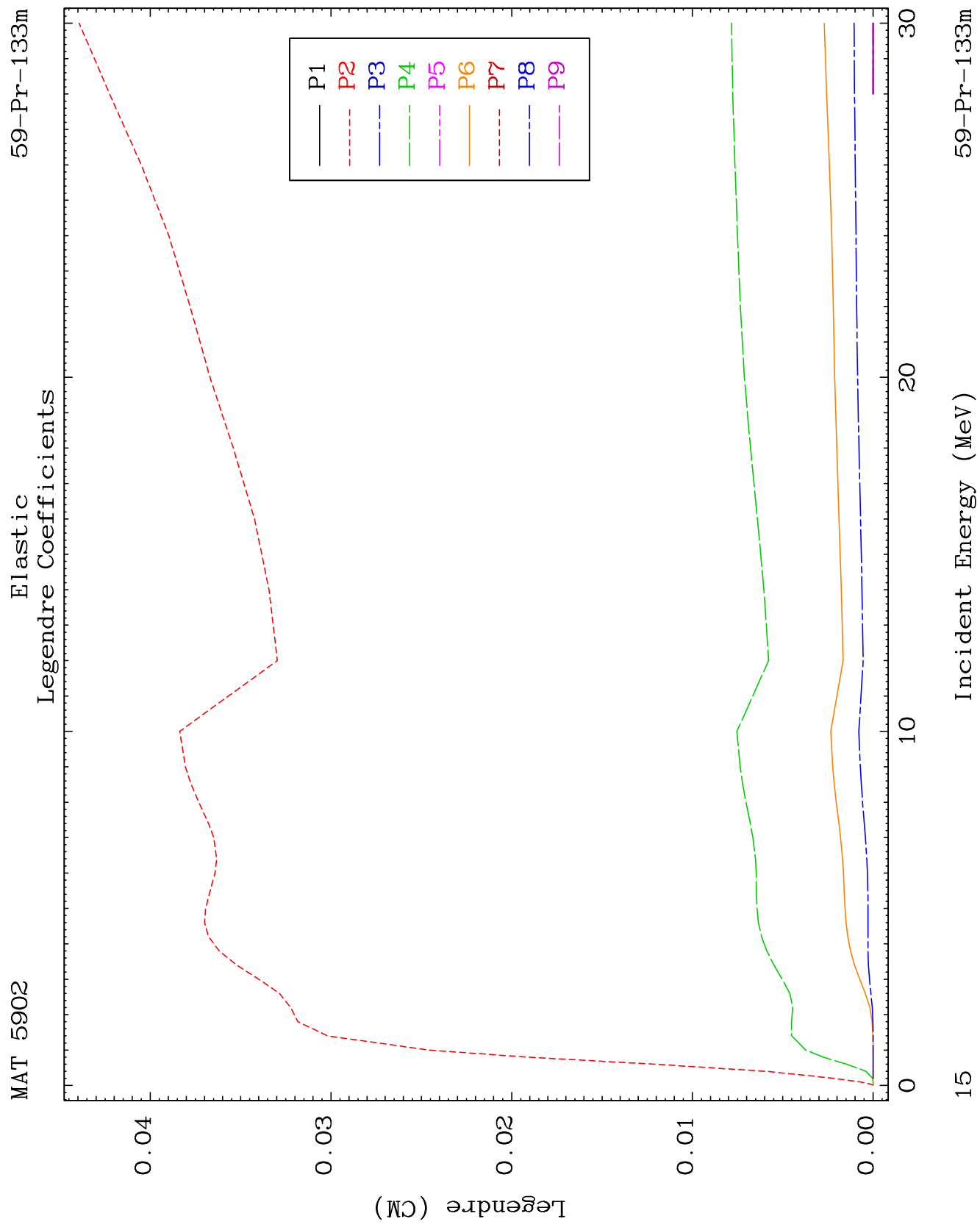


MAT 5902

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

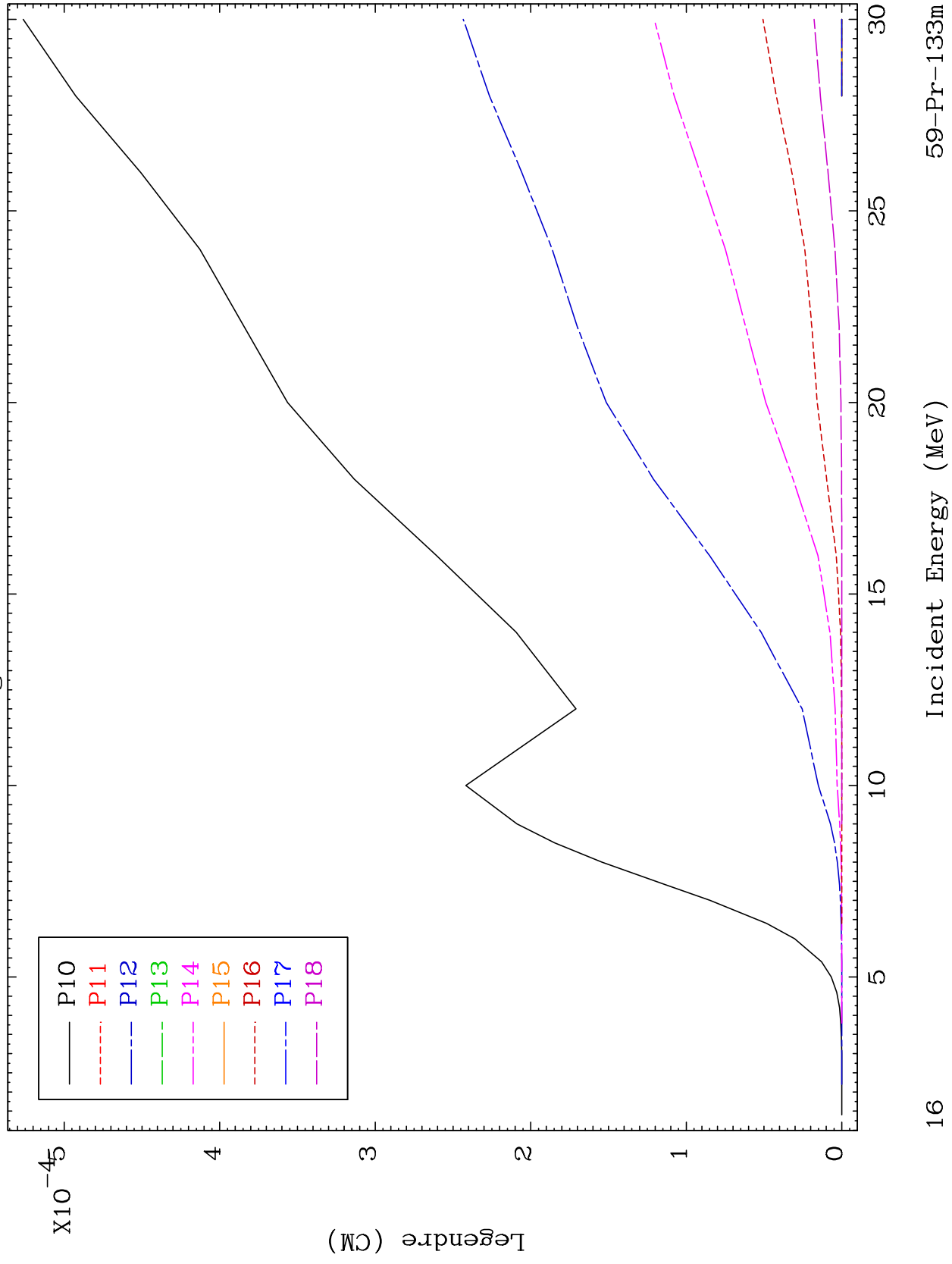
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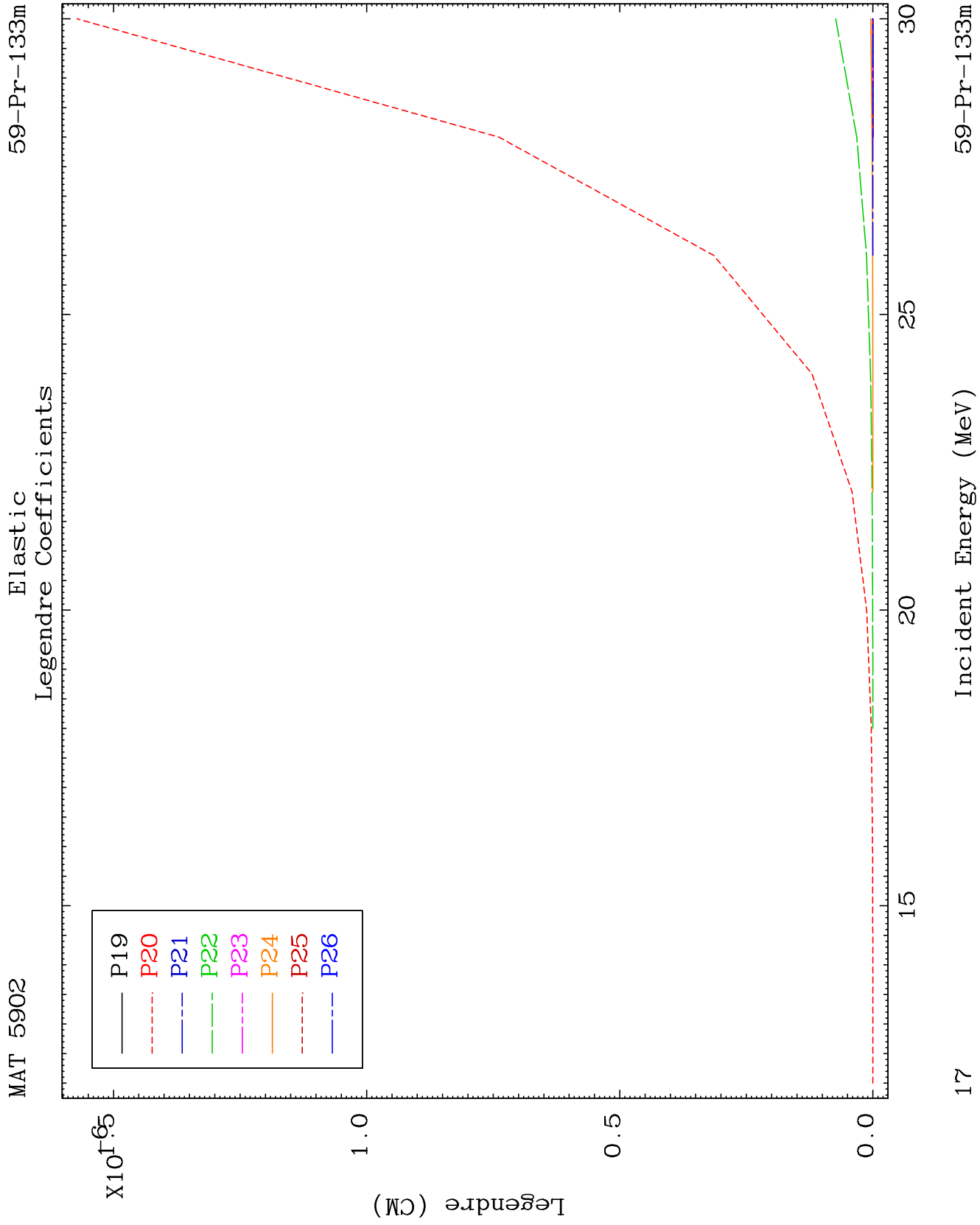




59-Pr-133m

59-Pr-133m

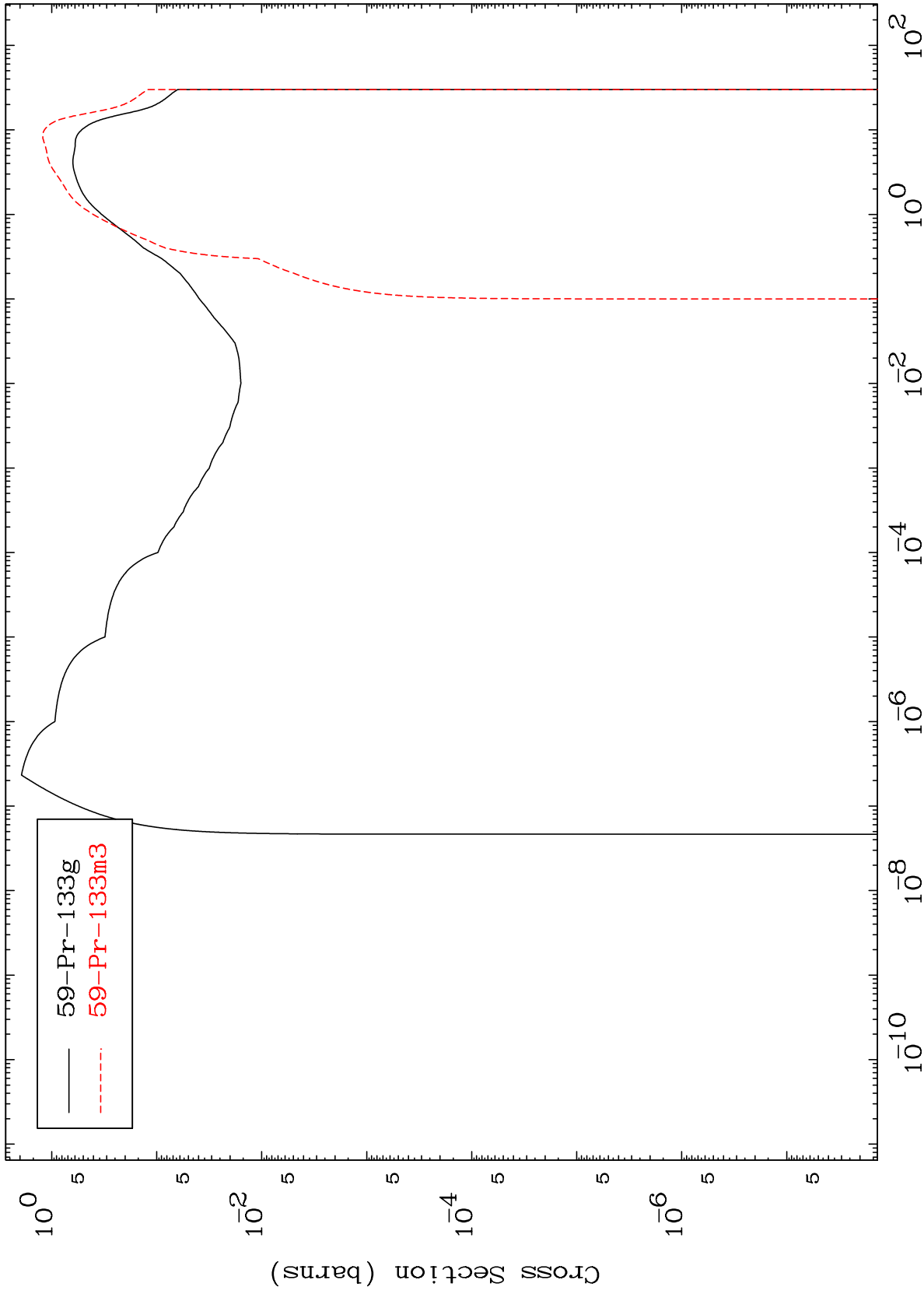




MAT 5902

# Inelastic Radionuclide Production Cross Section

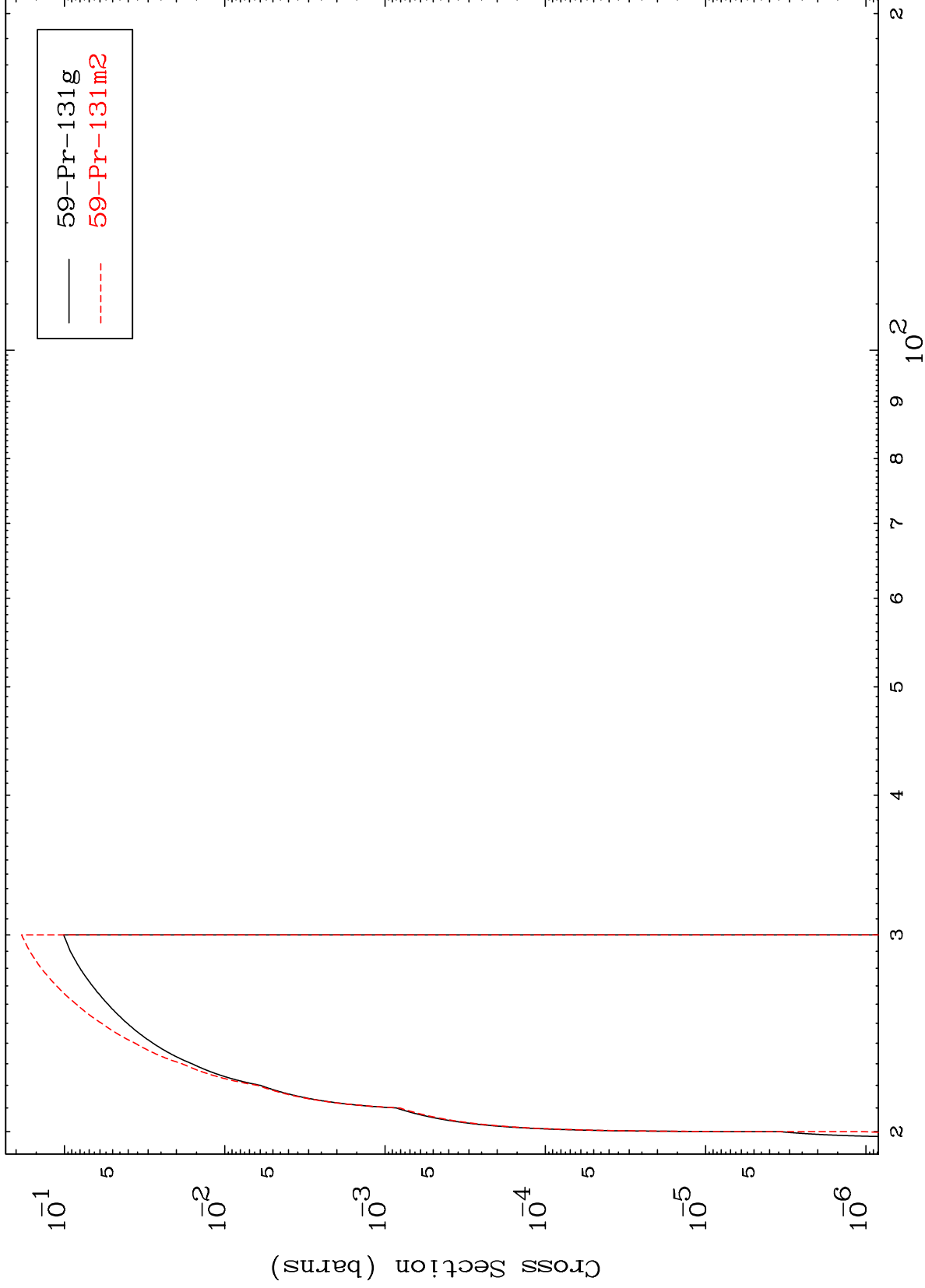
59-Pr-133m



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(n,3n)  
Radionuclide Production Cross Section

59-Pr-133m



19

Incident Energy (MeV)

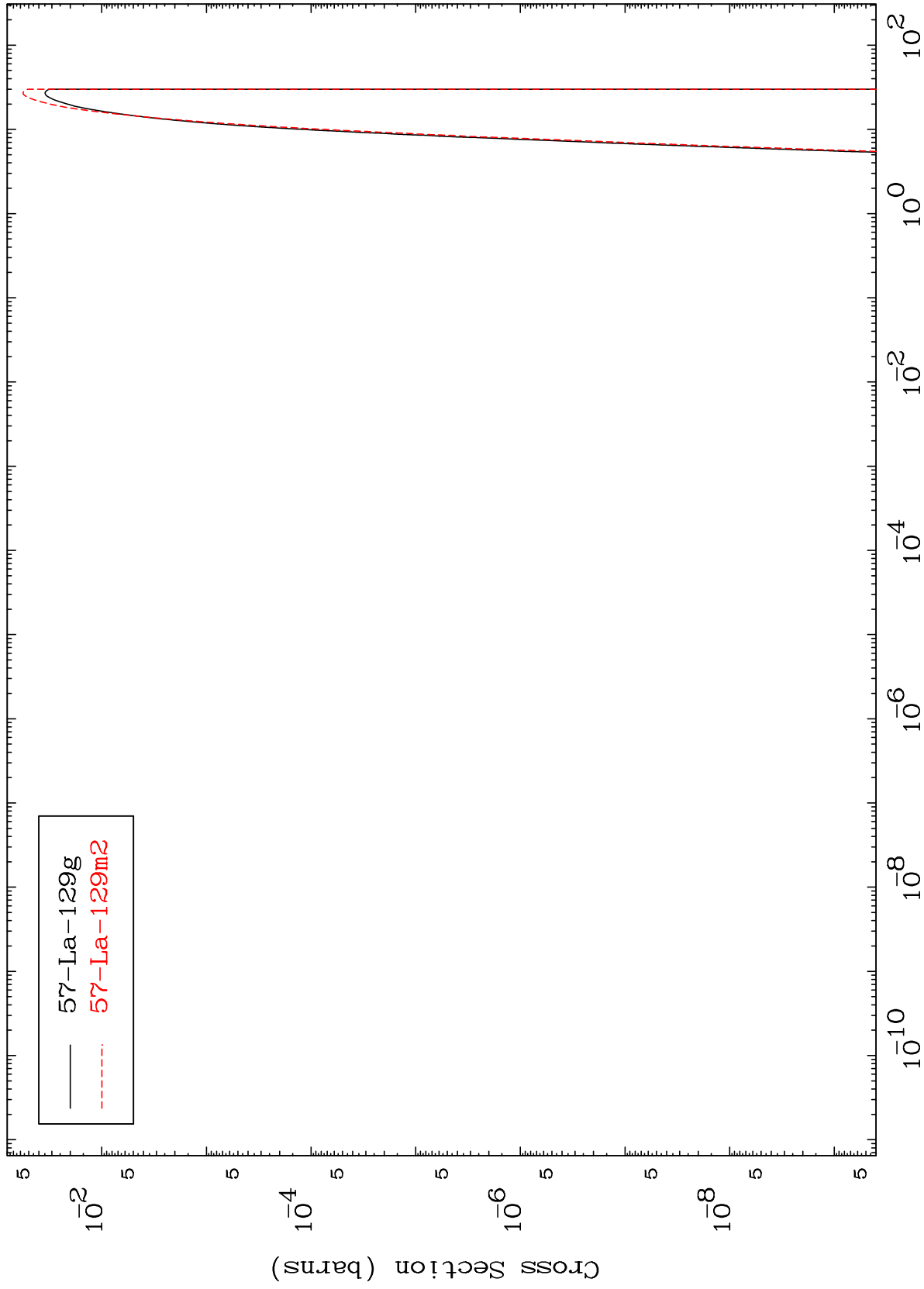
59-Pr-133m

MAT 5902

$(n, n') \alpha$

59-Pr-133m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

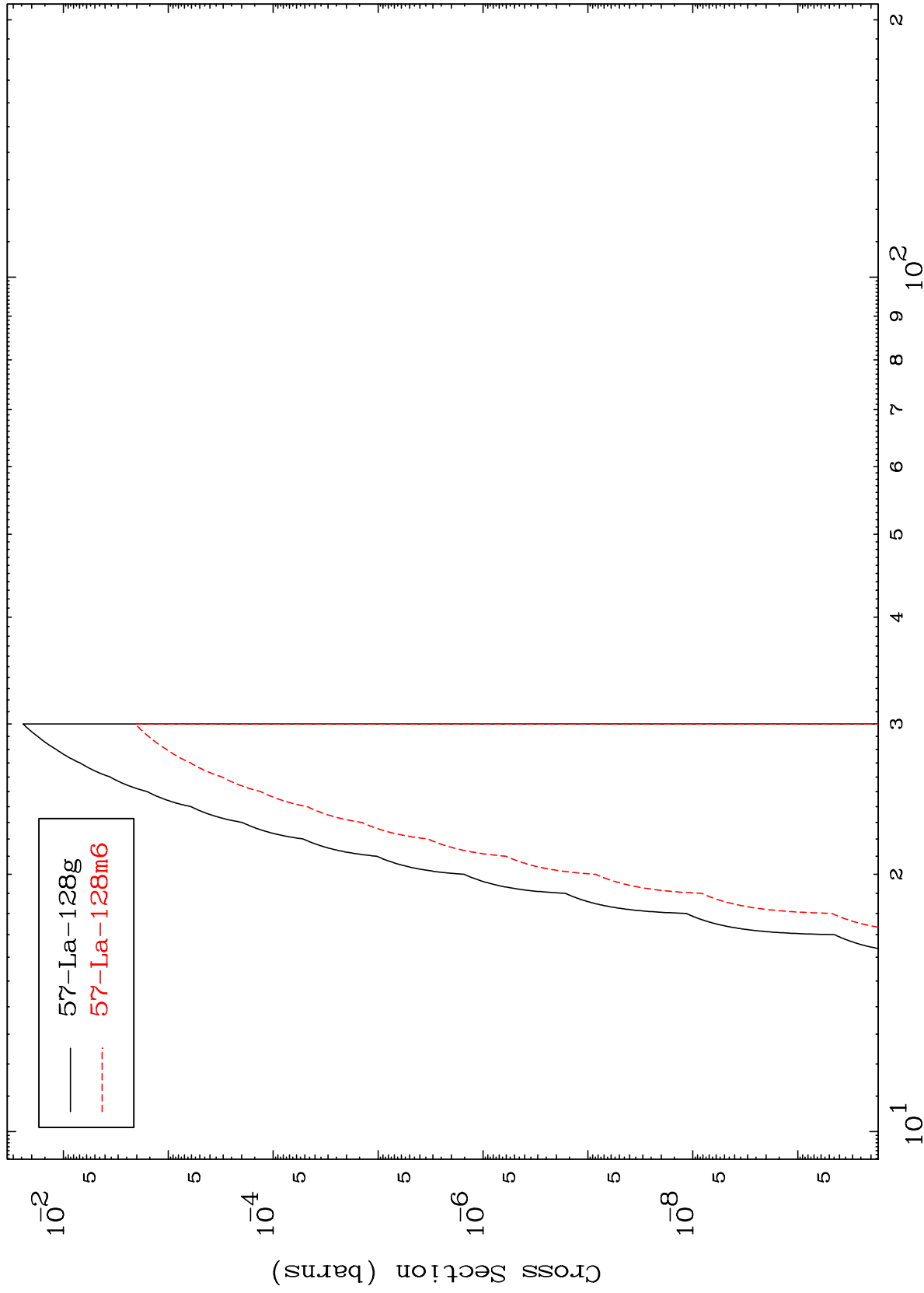
59-Pr-133m

MAT 5902

(n,2n)  $\alpha$

59-Pr-133m

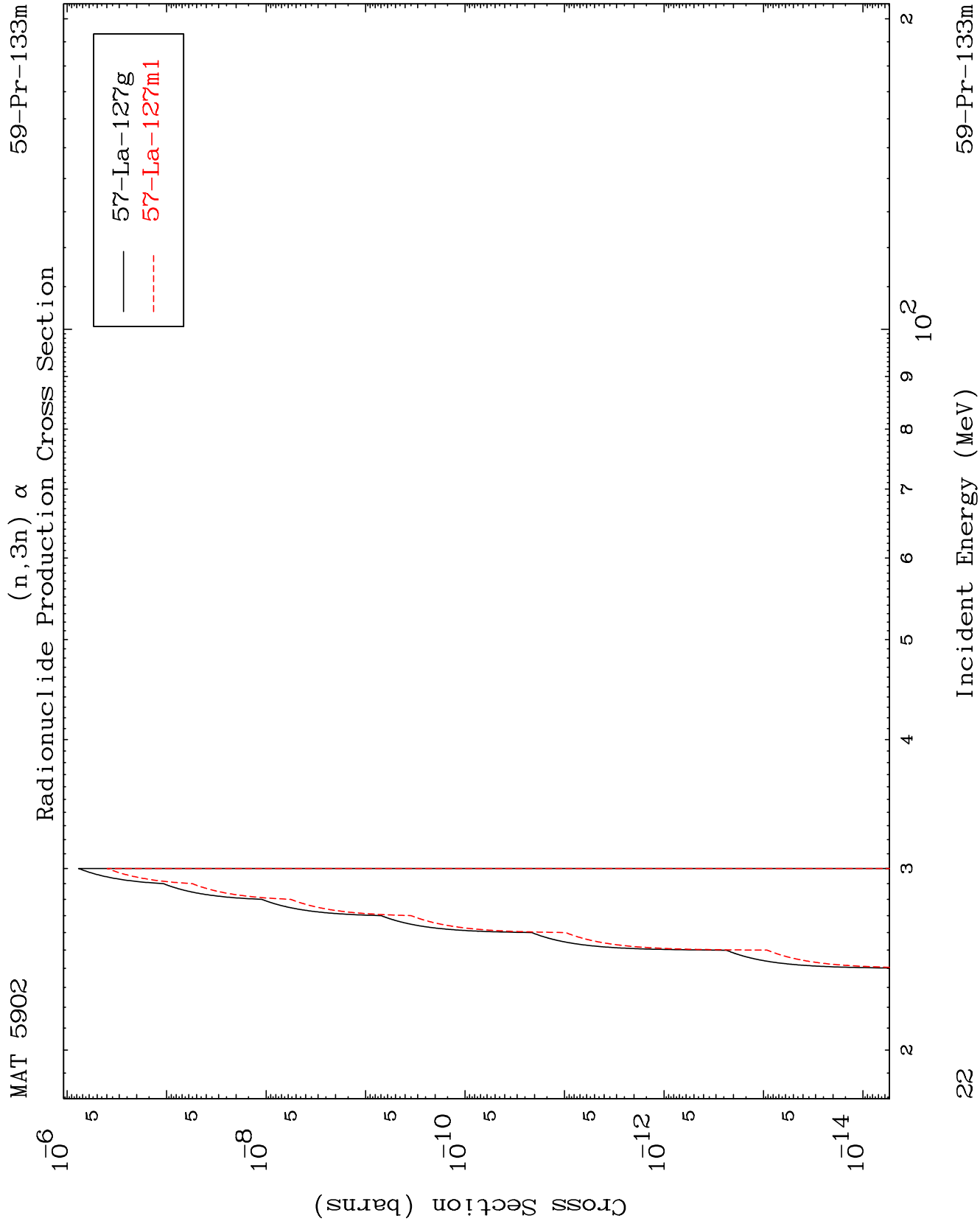
Radionuclide Production Cross Section

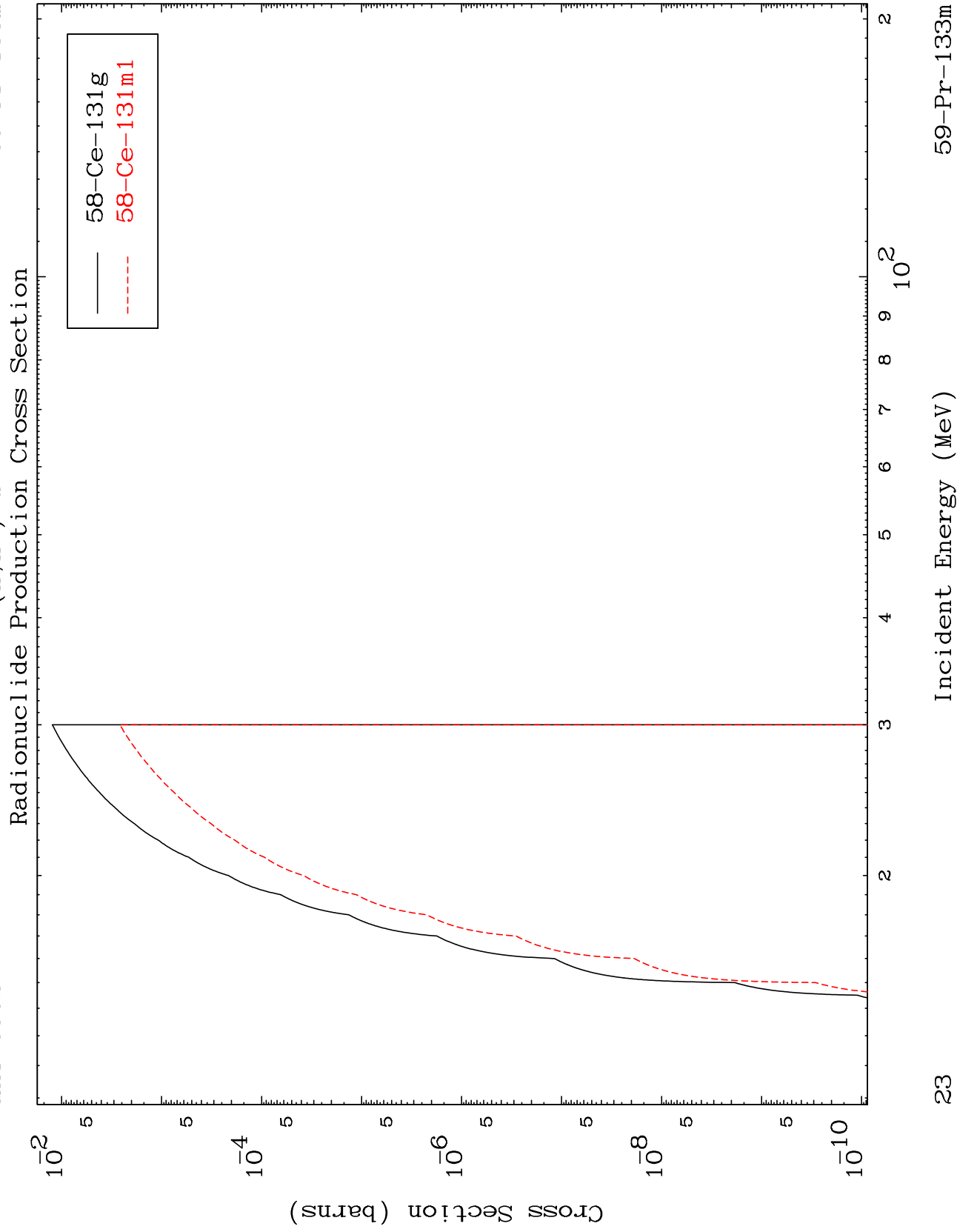


21

Incident Energy (MeV)

59-Pr-133m

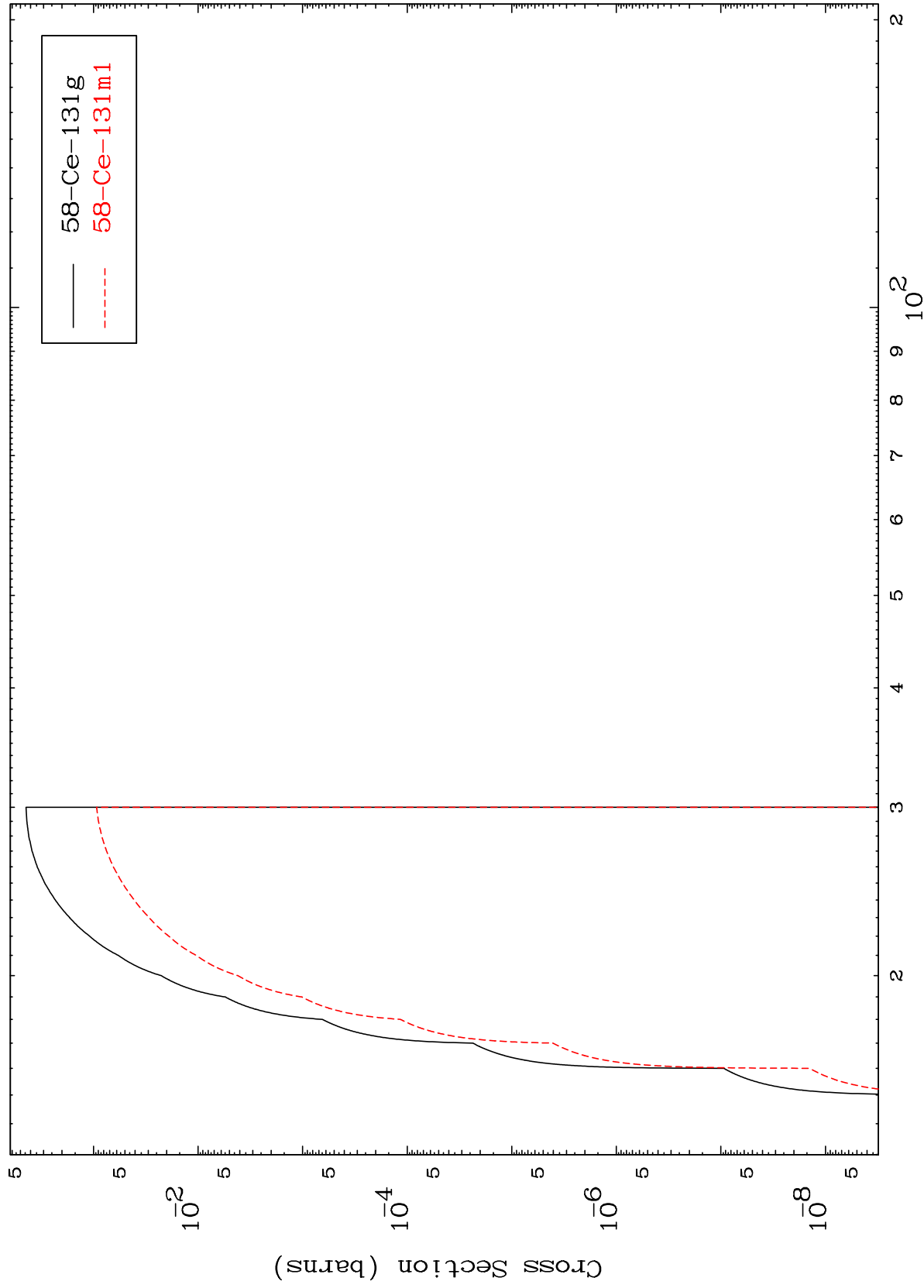




MAT 5902

59-Pr-133m

(n,2n) p  
Radionuclide Production Cross Section



24

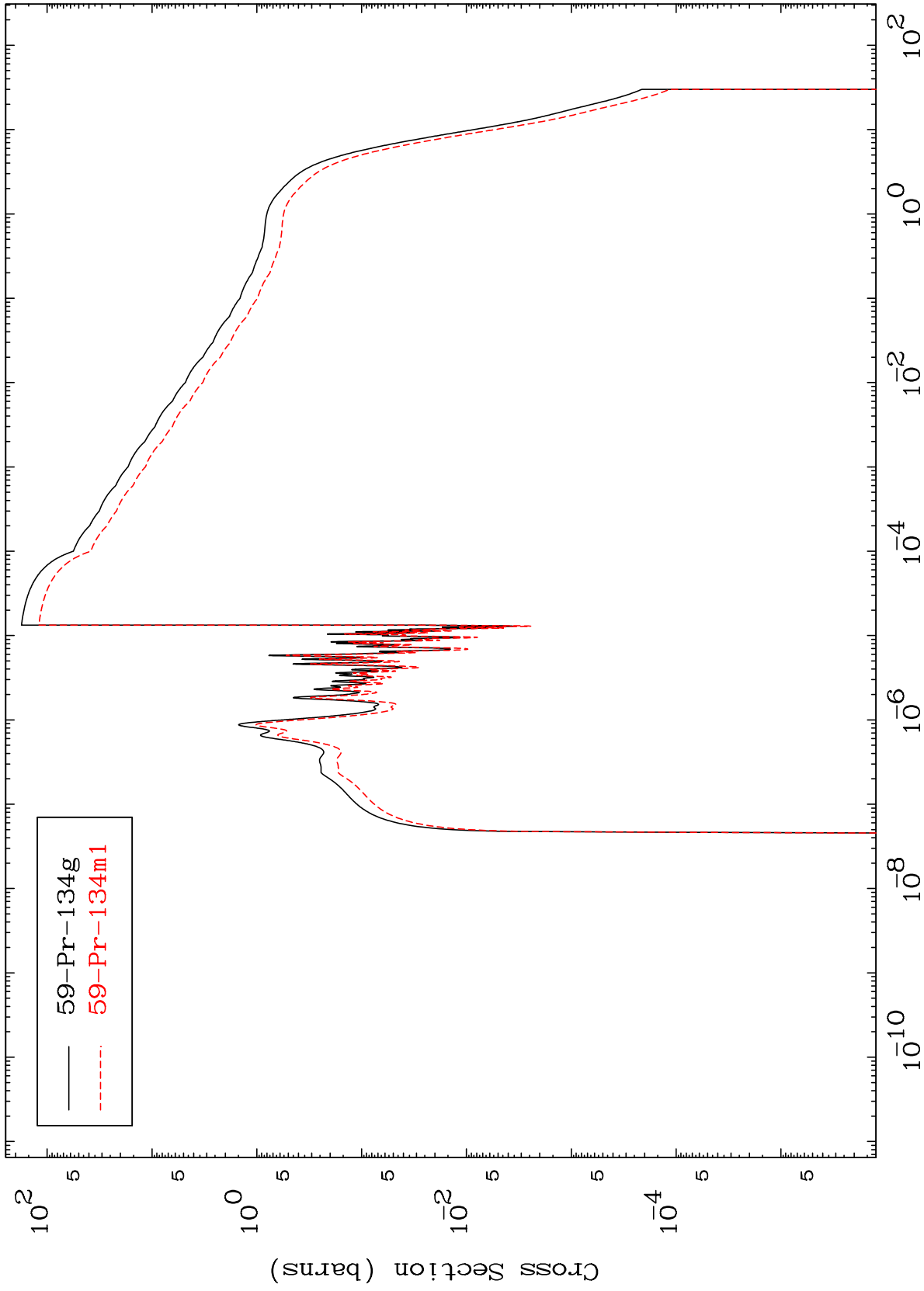
Incident Energy (MeV)

59-Pr-133m

MAT 5902

59-Pr-133m

Radionuclide Production Cross Section



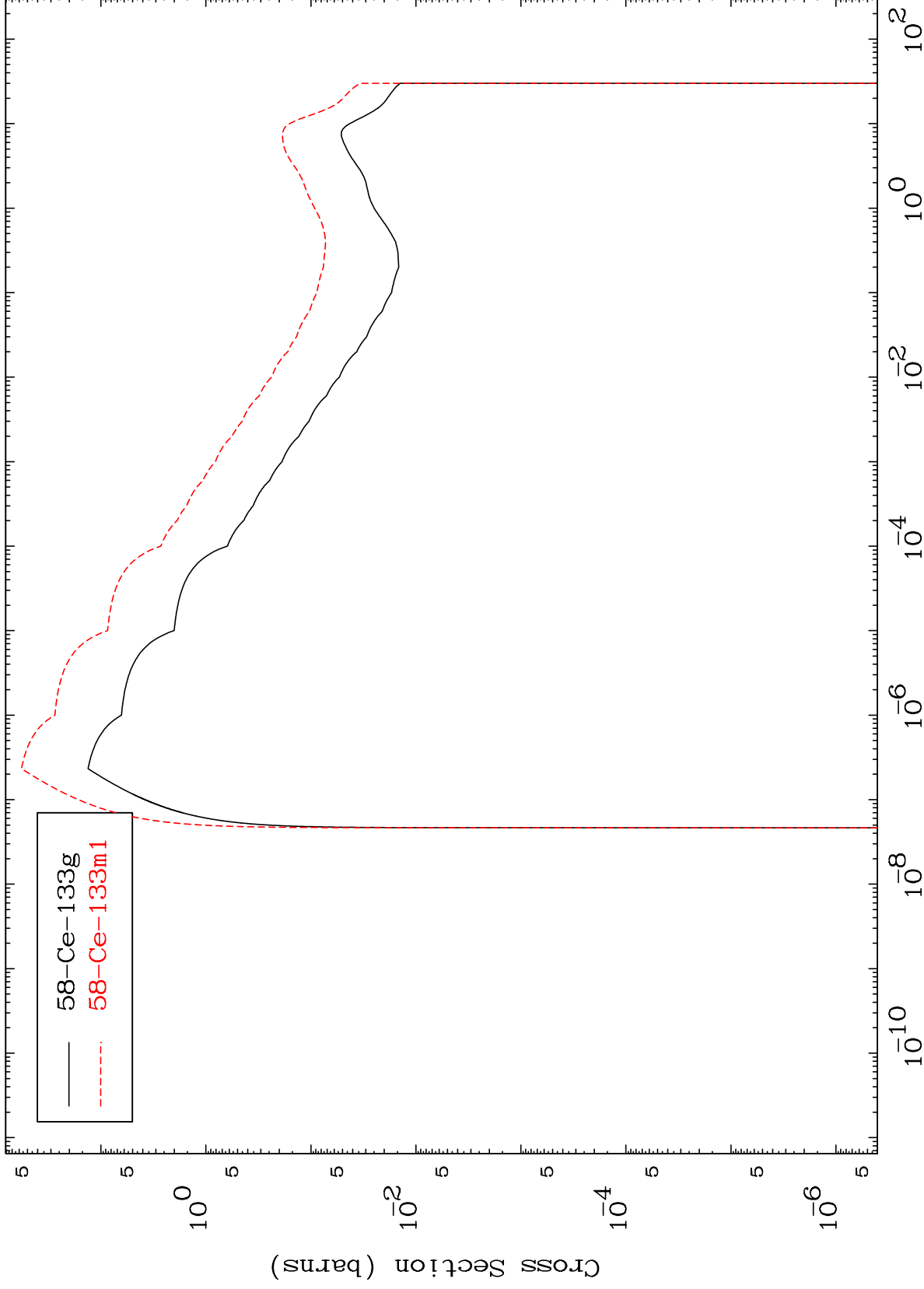
25

59-Pr-133m

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(n,p)  
Radionuclide Production Cross Section

59-Pr-133m



26

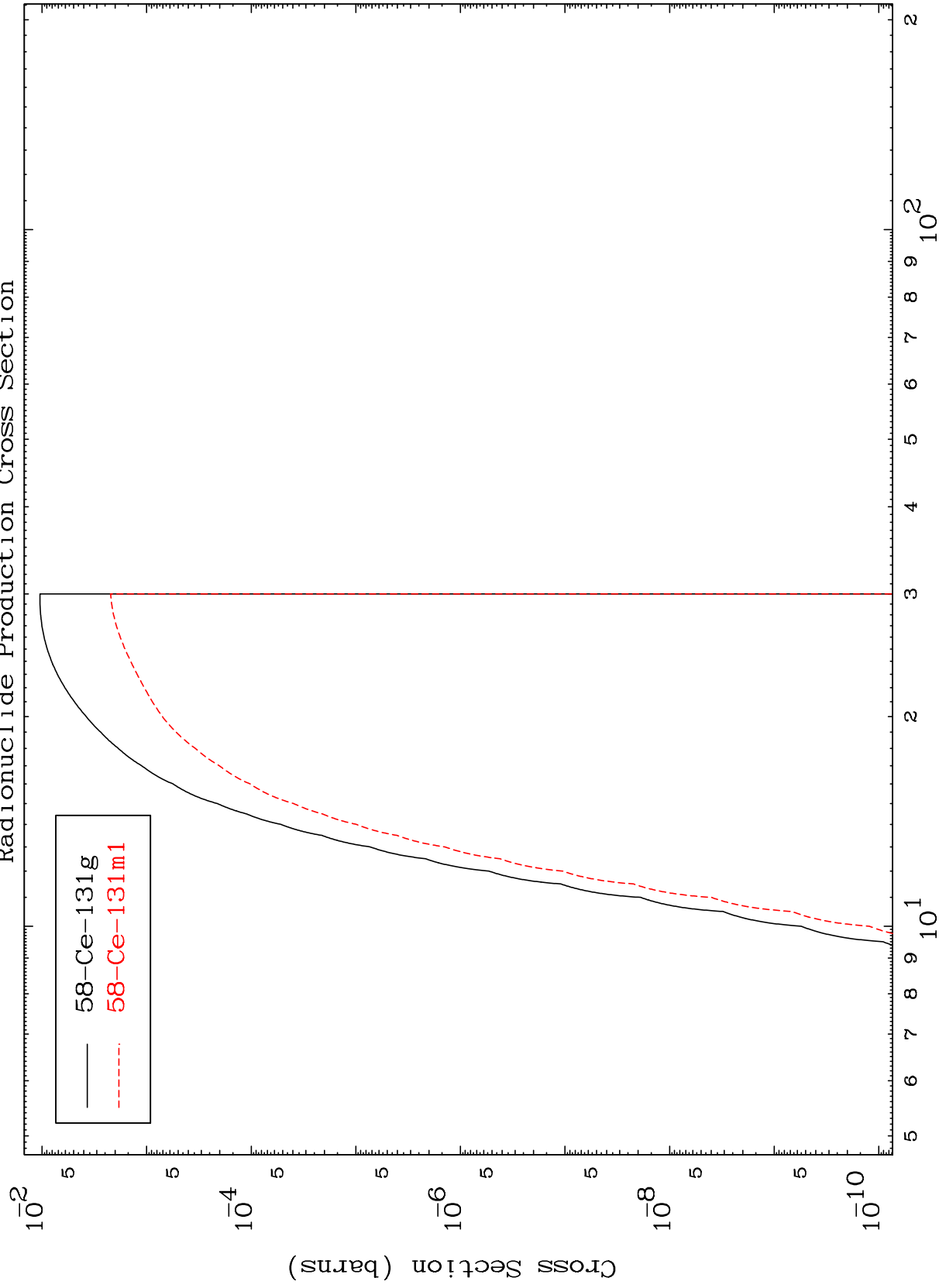
Incident Energy (MeV)

59-Pr-133m

MAT 5902

59-Pr-133m

Radionuclide Production Cross Section



27

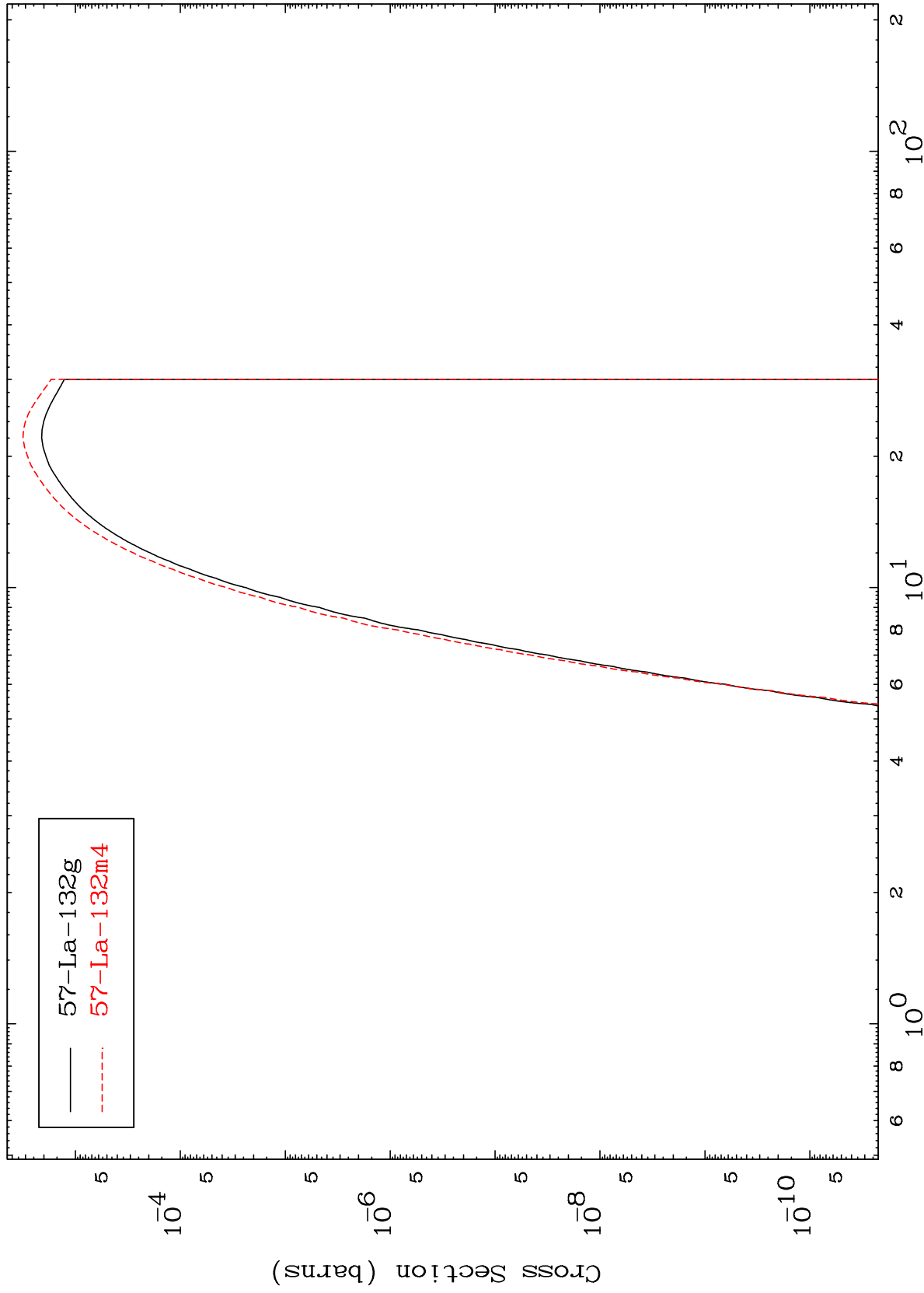
Incident Energy (MeV)

59-Pr-133m

MAT 5902

59-Pr-133m

(n,2p)  
Radionuclide Production Cross Section



28

Incident Energy (MeV)

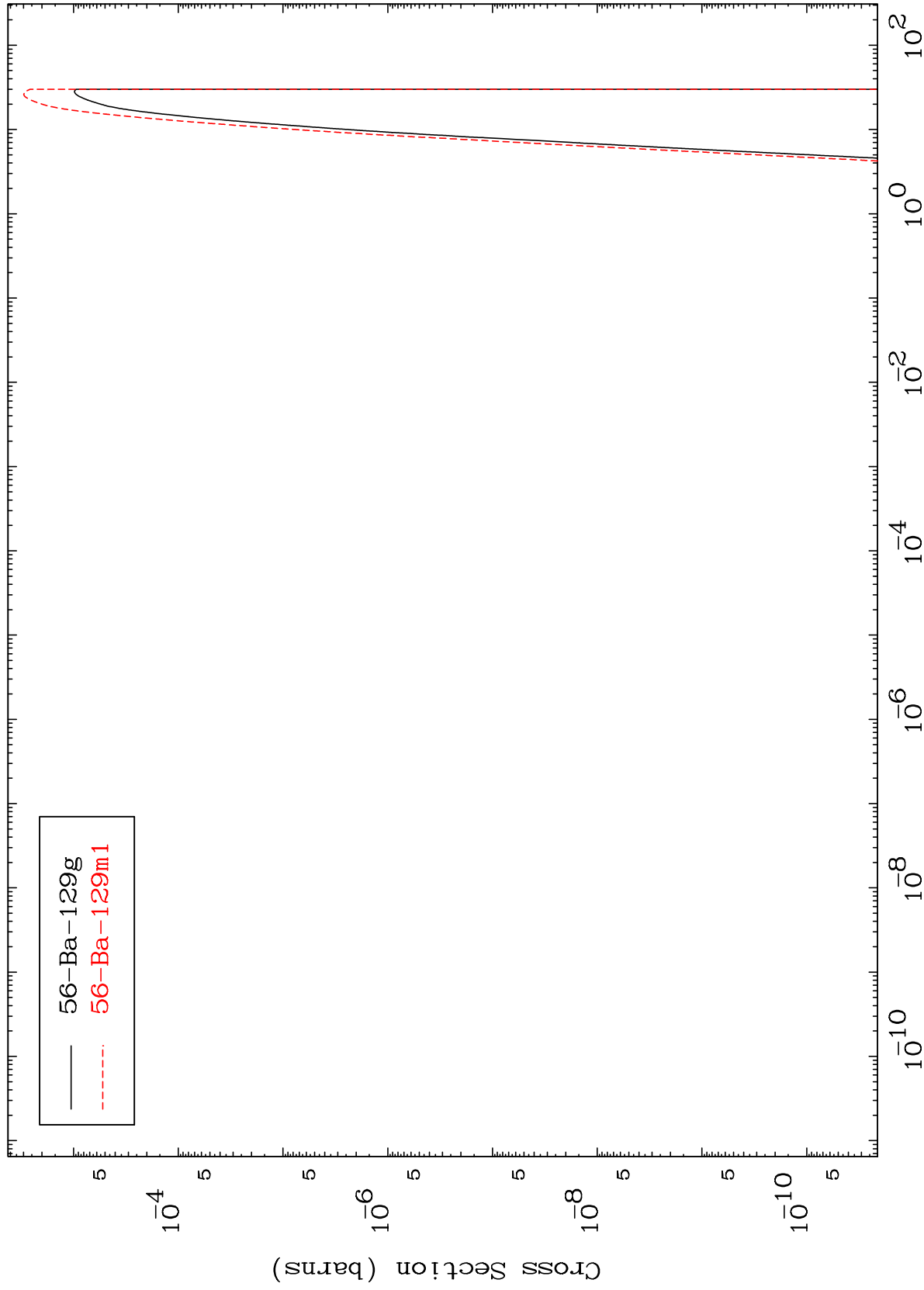
59-Pr-133m

MAT 5902

(n,p)  $\alpha$

59-Pr-133m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

59-Pr-133m