

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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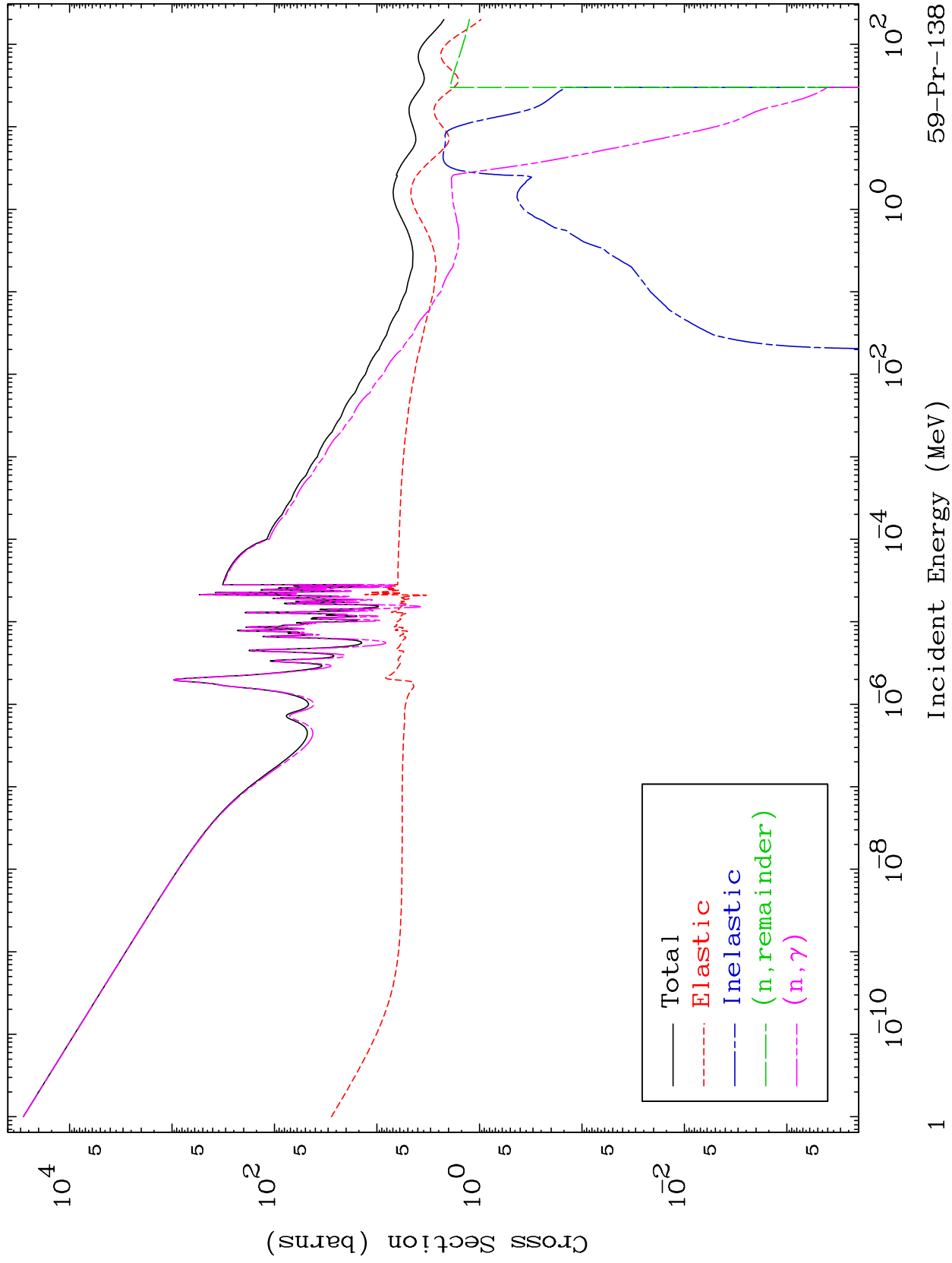
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5917

Major  
293 Kelvin Cross Sections

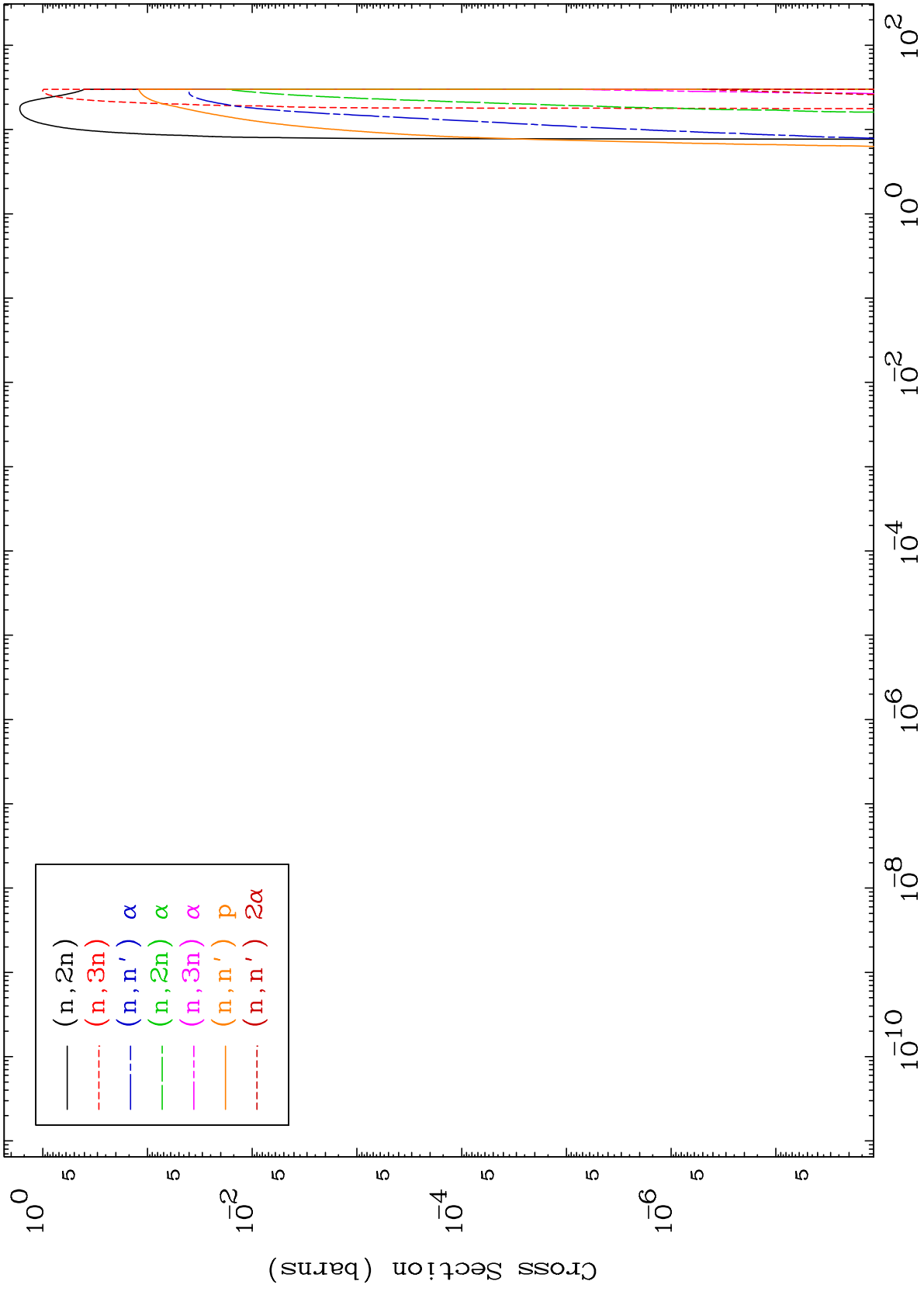
59-Pr-138



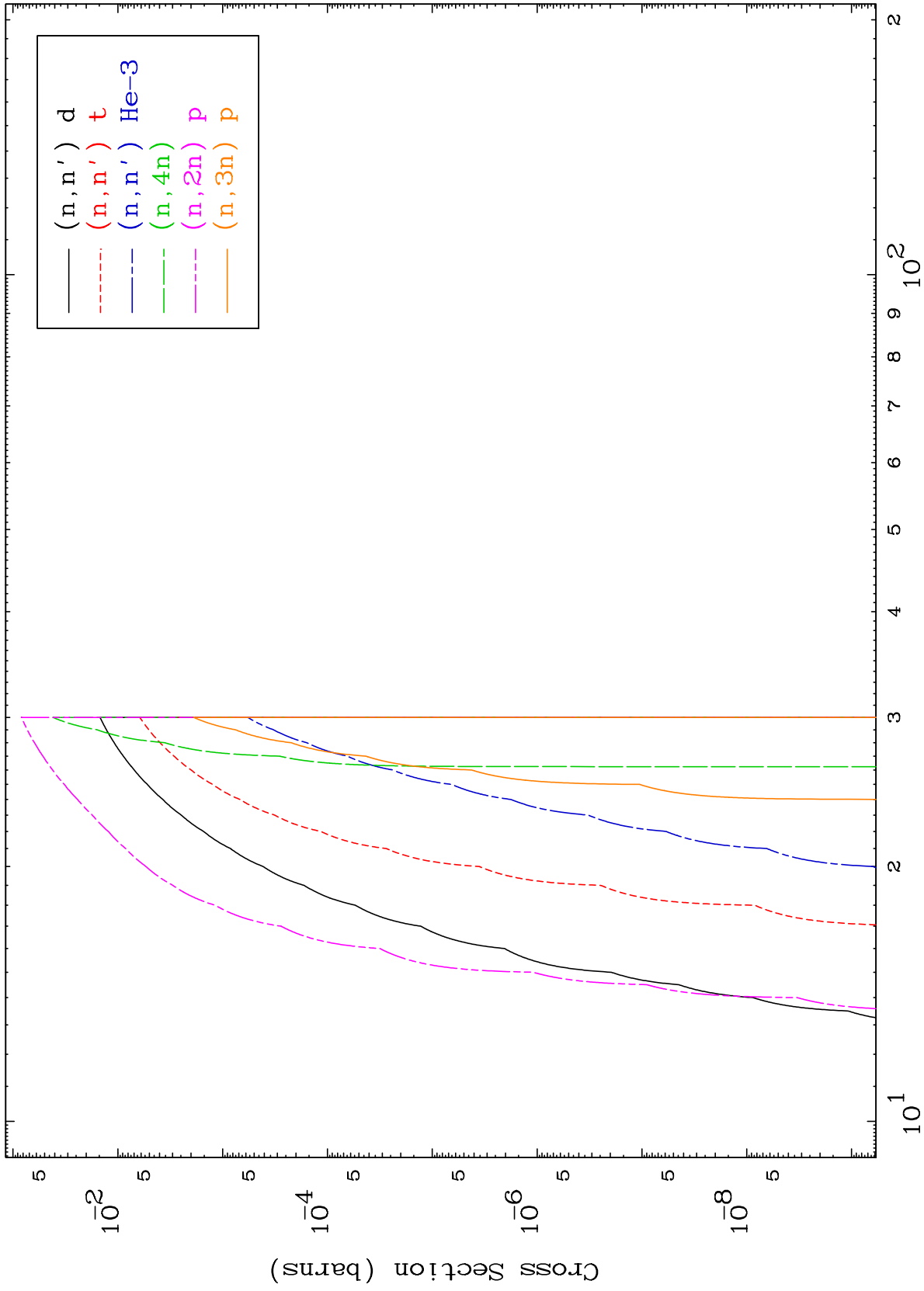
MAT 5917

Neutron Production  
293 Kelvin Cross Sections

59-Pr-138



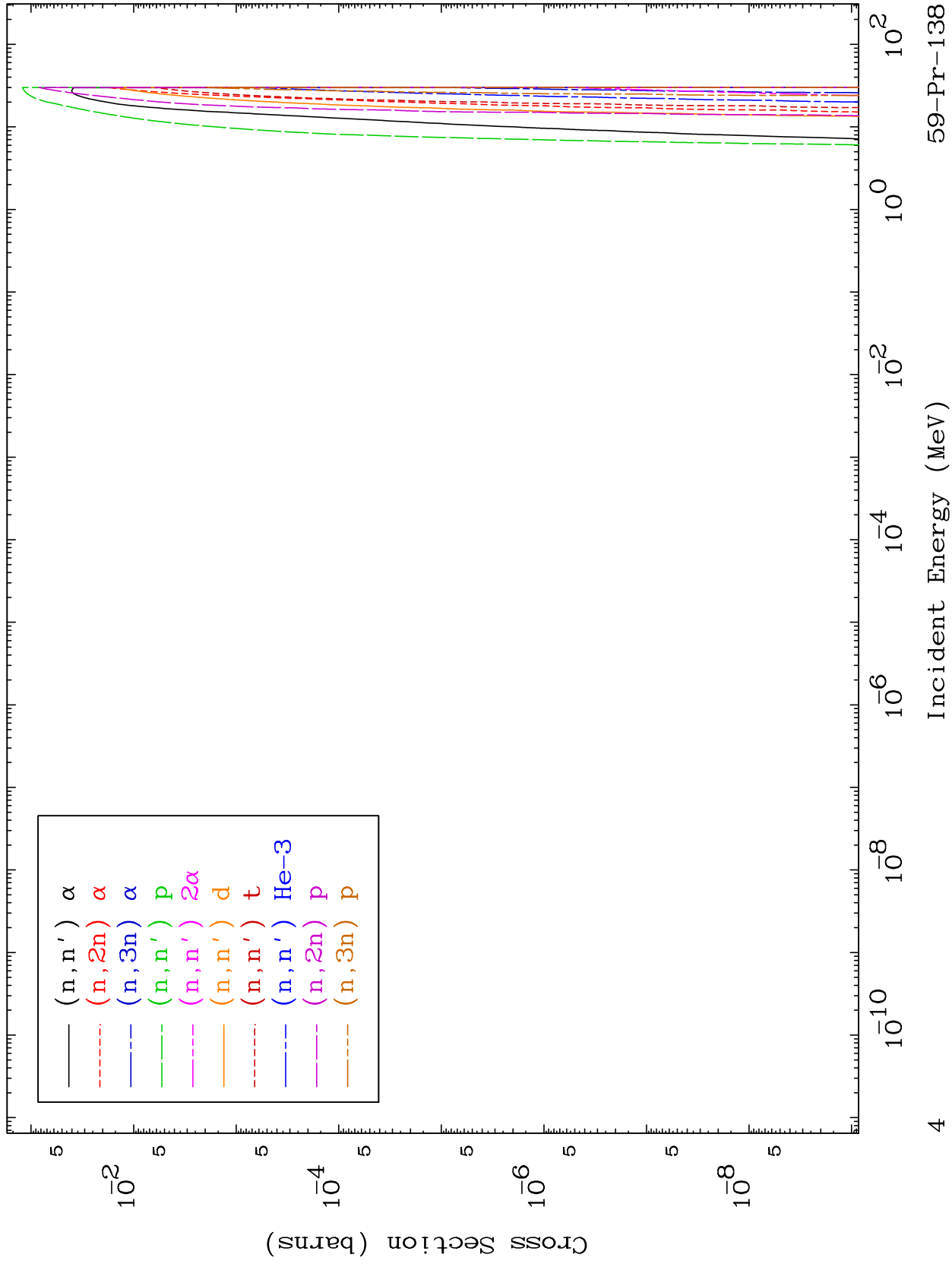
59-Pr-138



MAT 5917

Charged Particle  
293 Kelvin Cross Sections

59-Pr-138

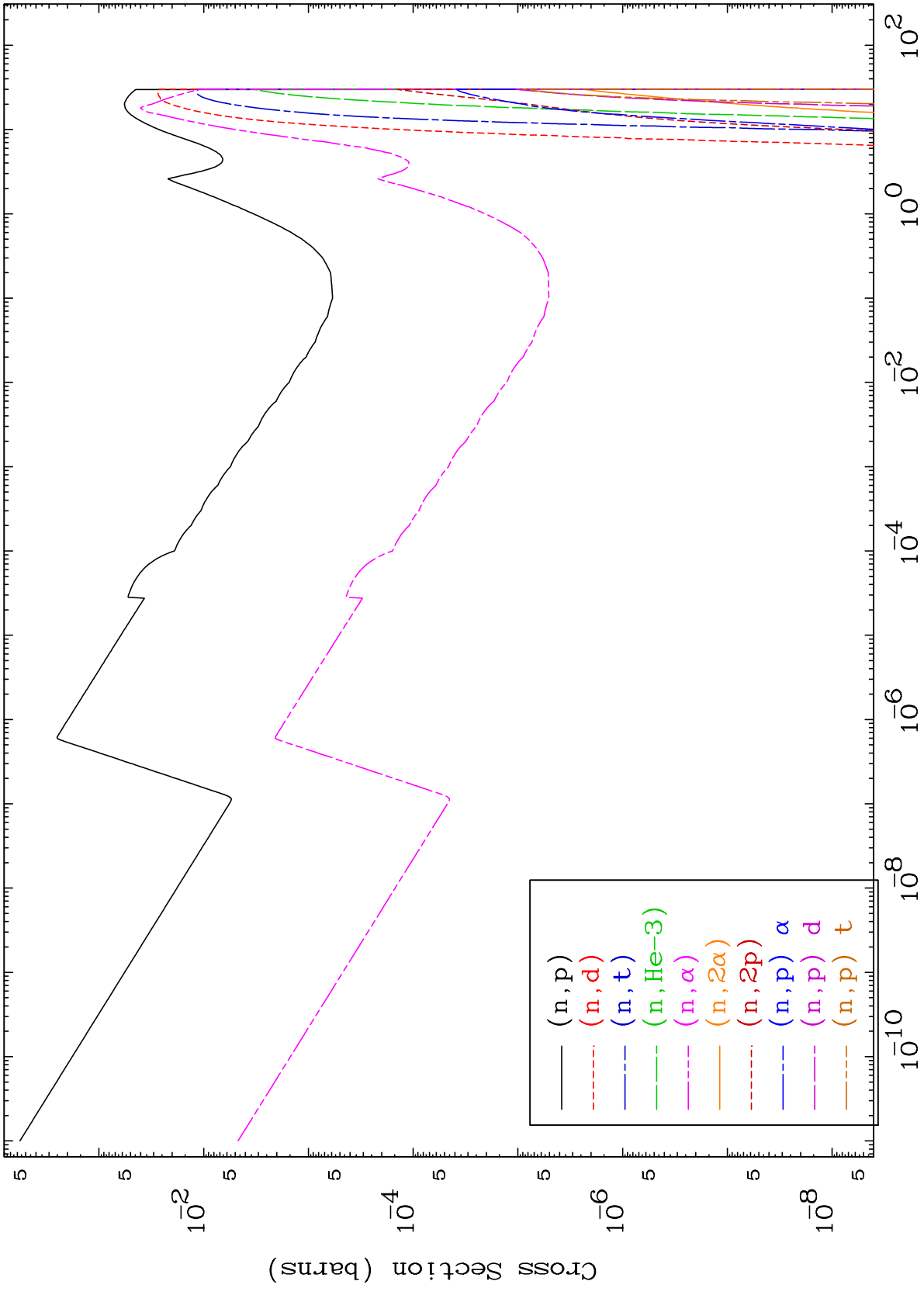


59-Pr-138

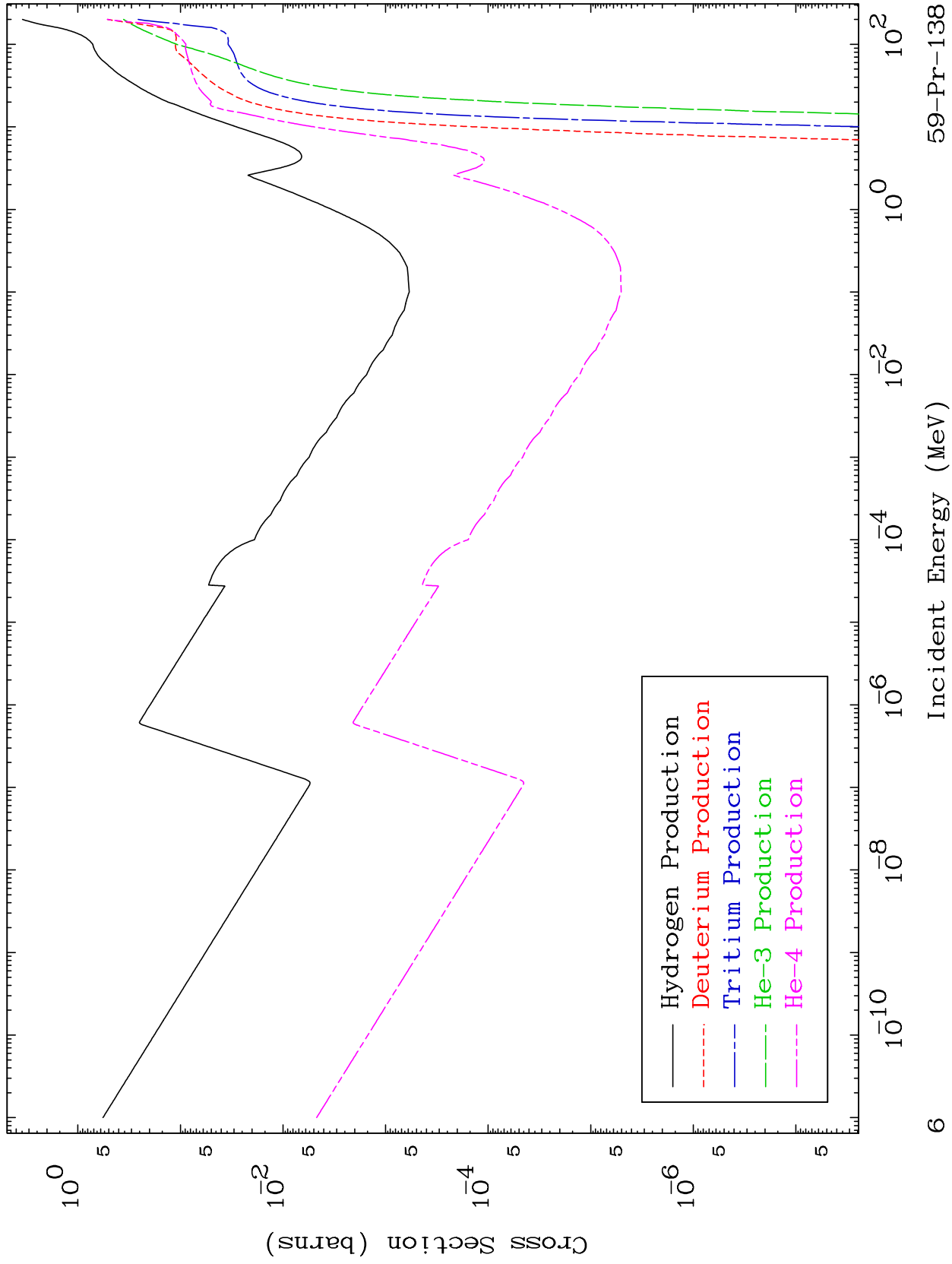
MAT 5917

Charged Particle  
293 Kelvin Cross Sections

59-Pr-138



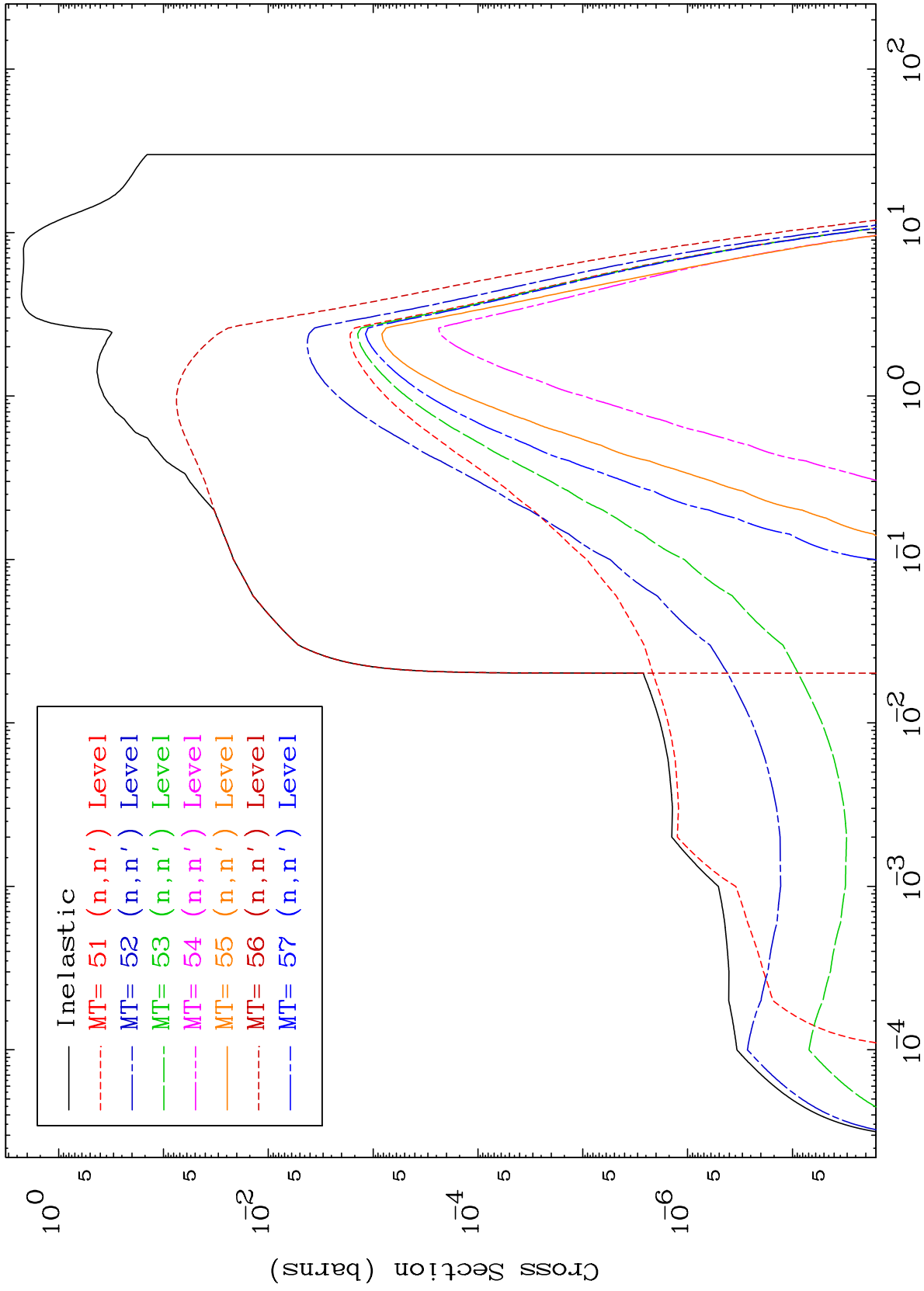
59-Pr-138



MAT 5917

293 Kelvin Cross Sections

59-Pr-138



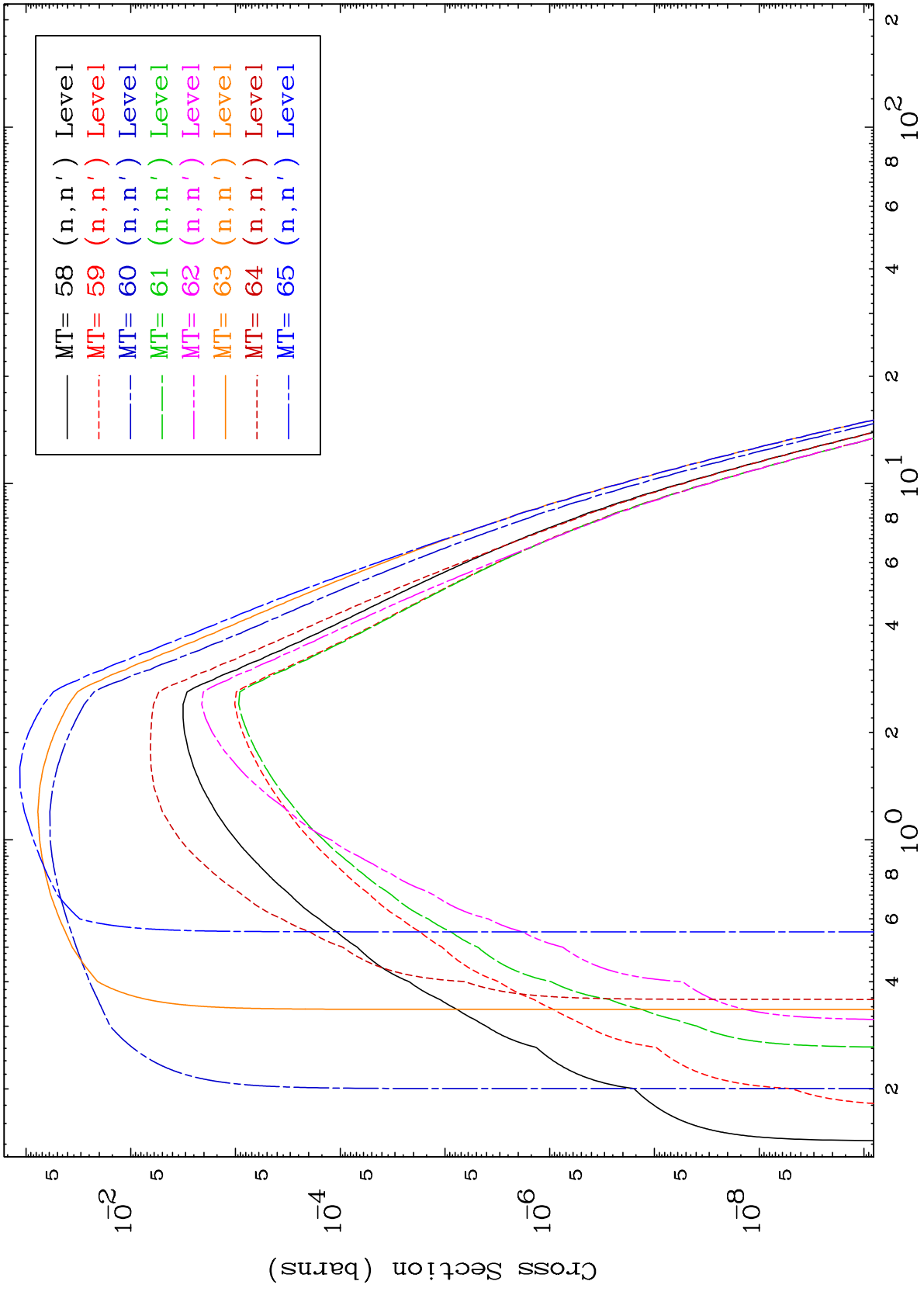


MAT 5917

(n,n') Level

59-Pr-138

293 Kelvin Cross Sections

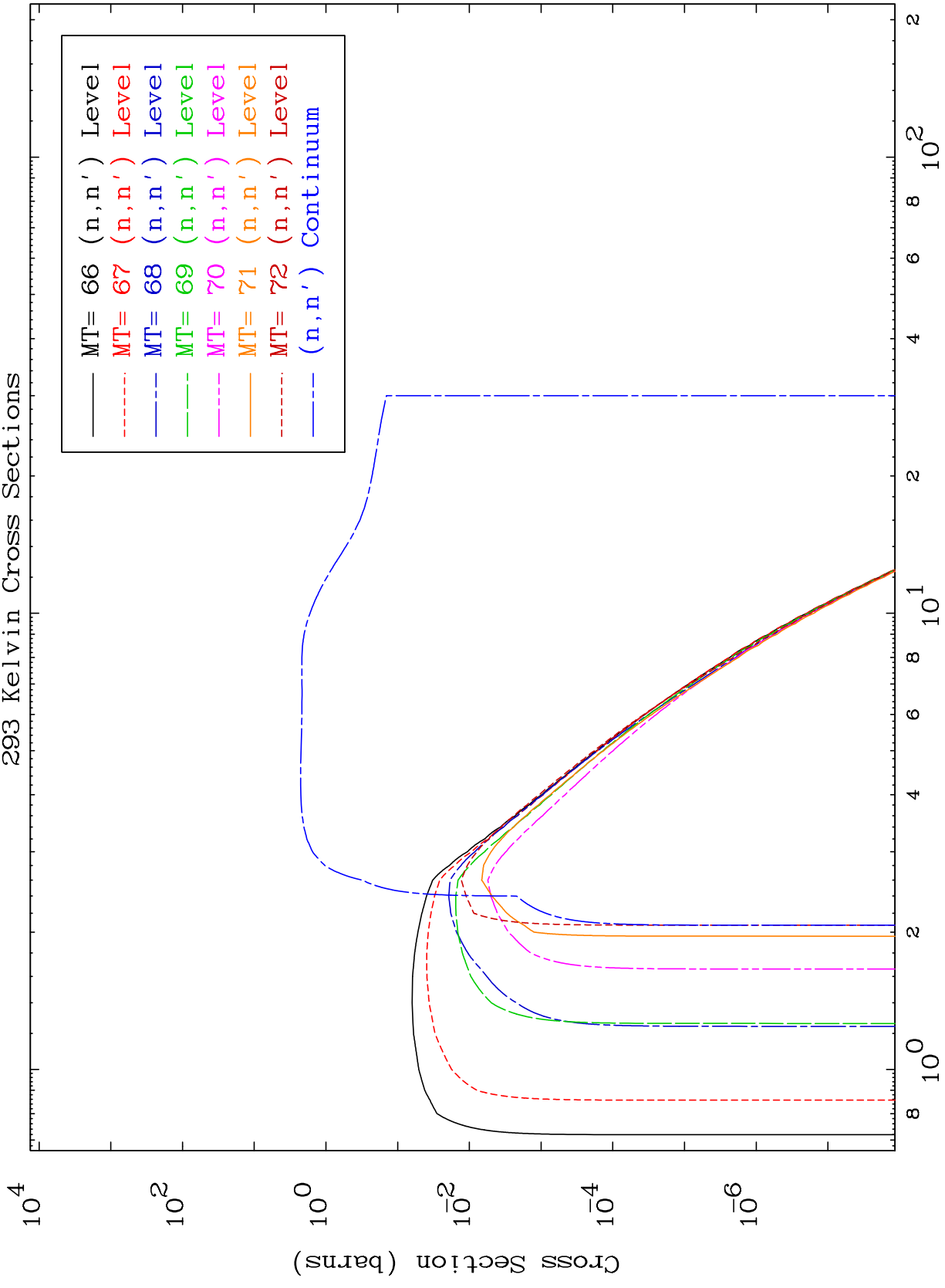


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Incident Energy (MeV)

59-Pr-138

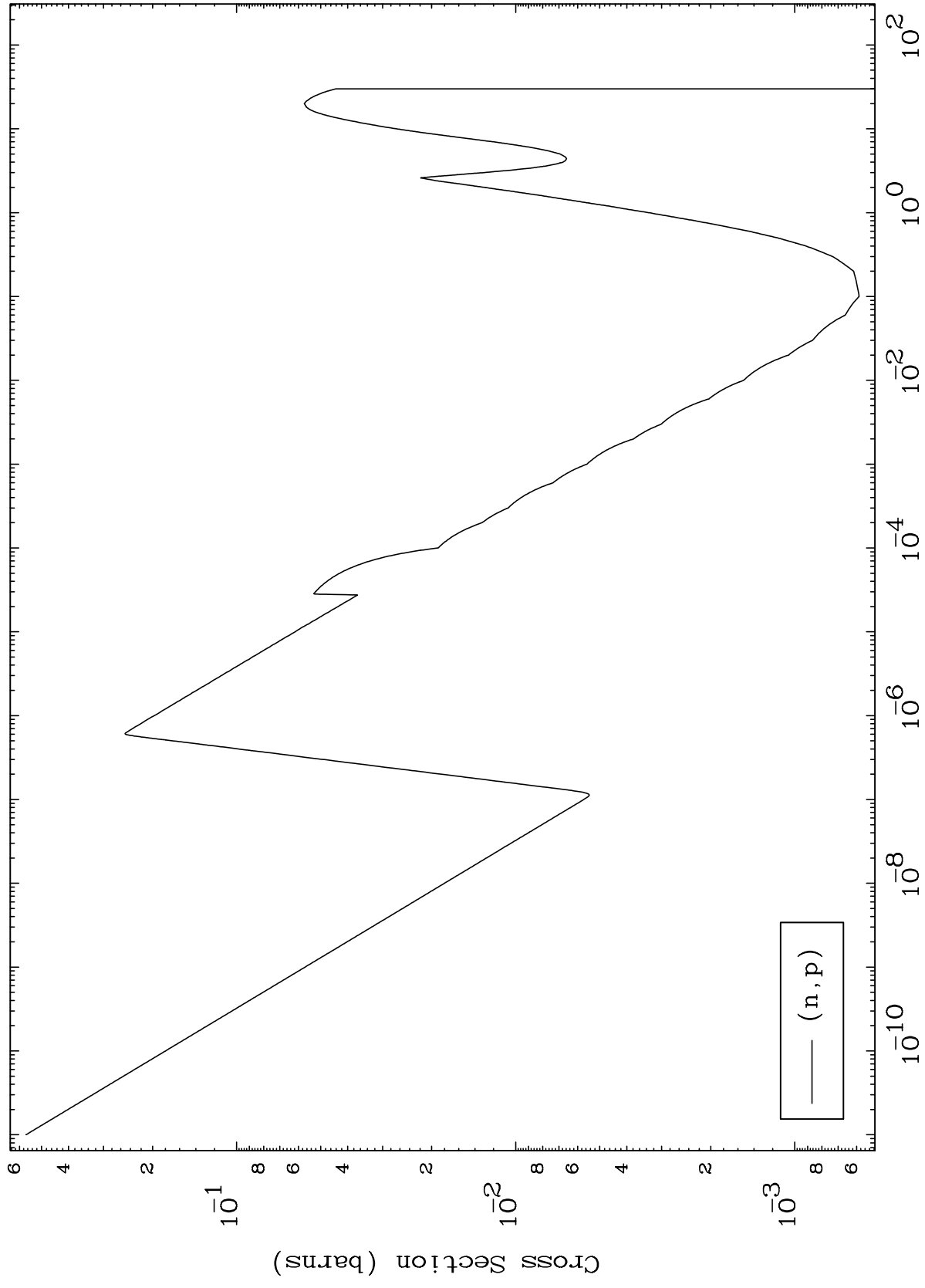
293 Kelvin Cross Sections



MAT 5917

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-138



59-Pr-138

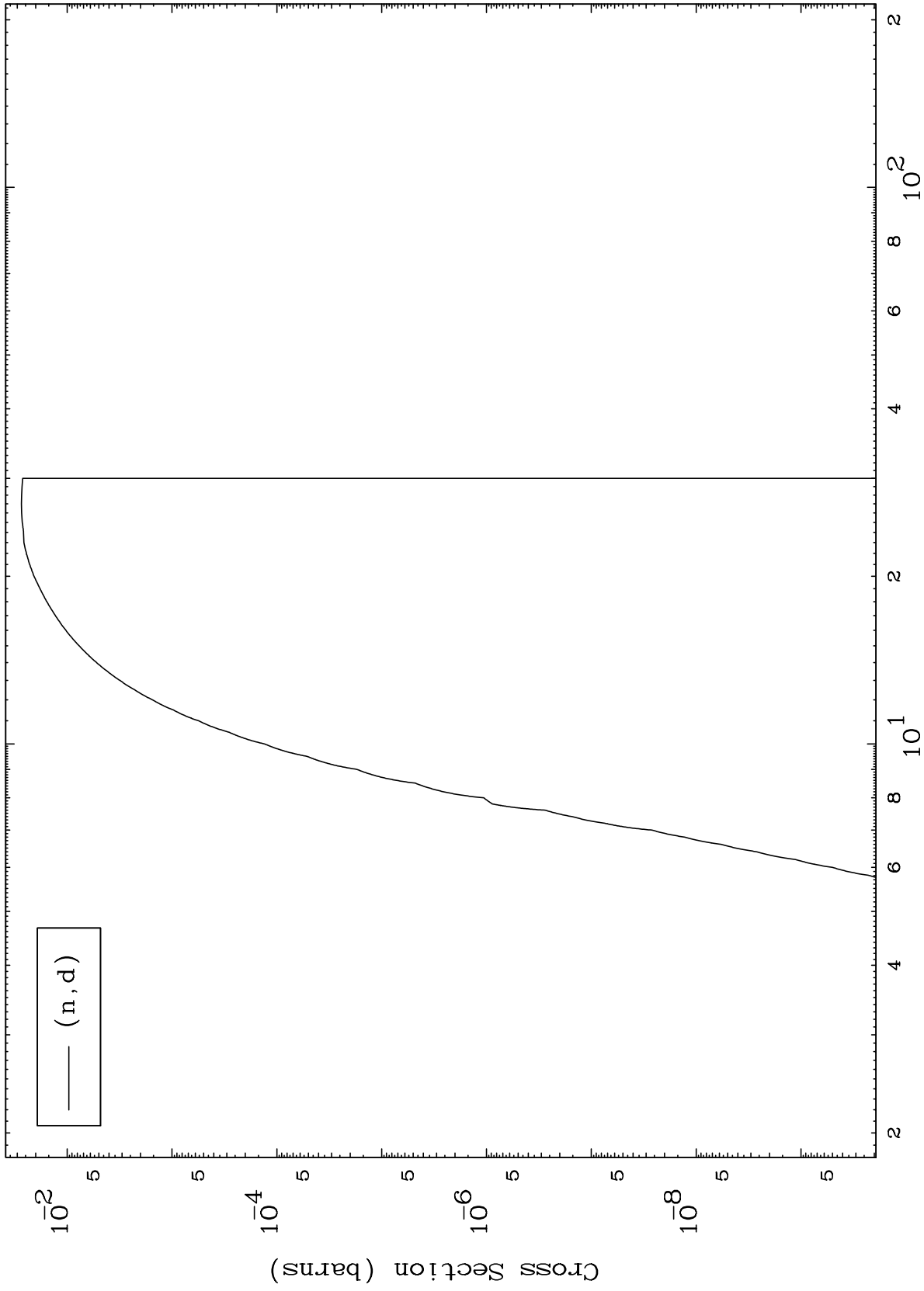
Incident Energy (MeV)

10

MAT 5917

(n,d) Levels  
293 Kelvin Cross Sections

59-Pr-138



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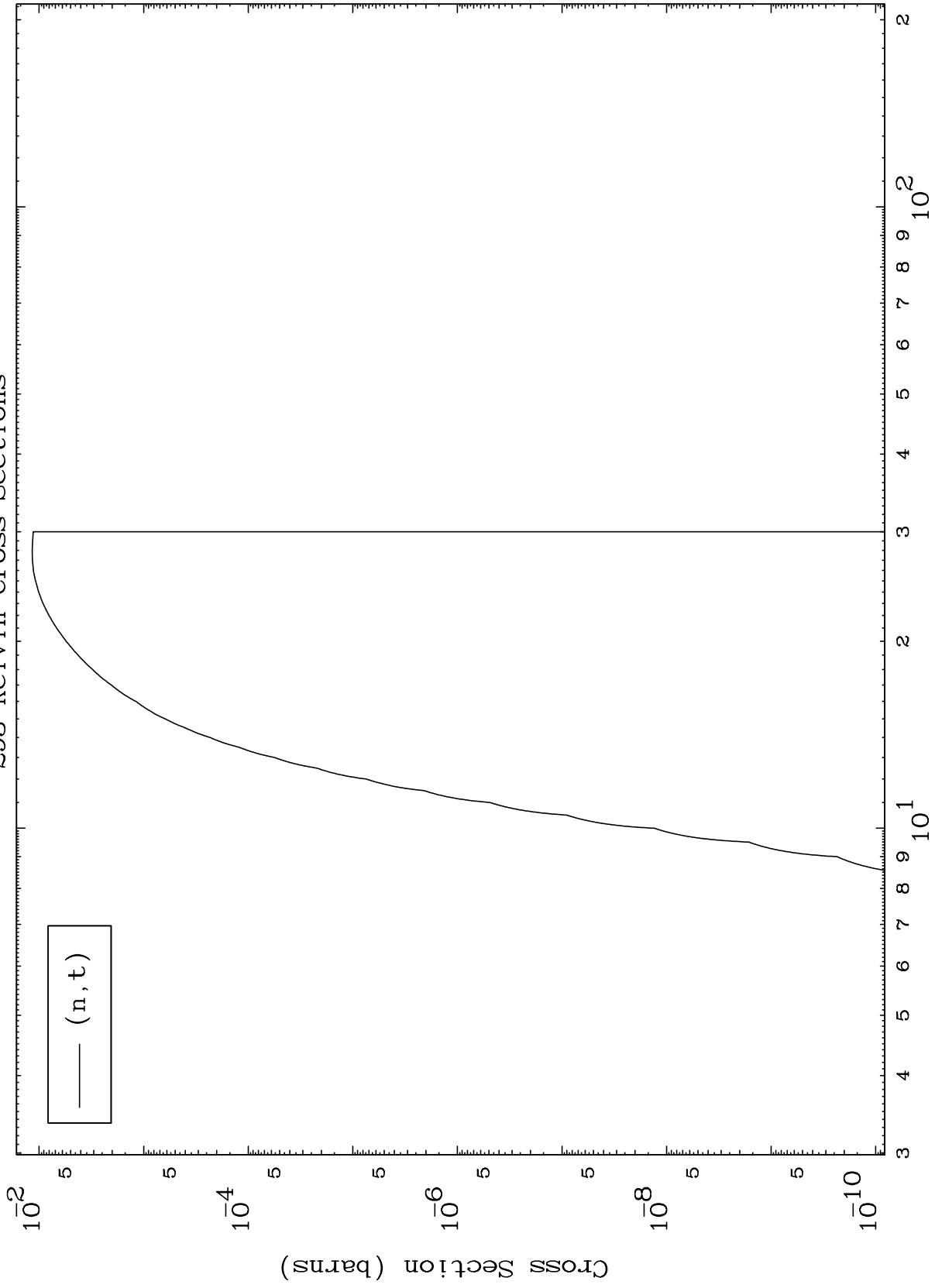
Incident Energy (MeV)

59-Pr-138

MAT 5917

59-Pr-138

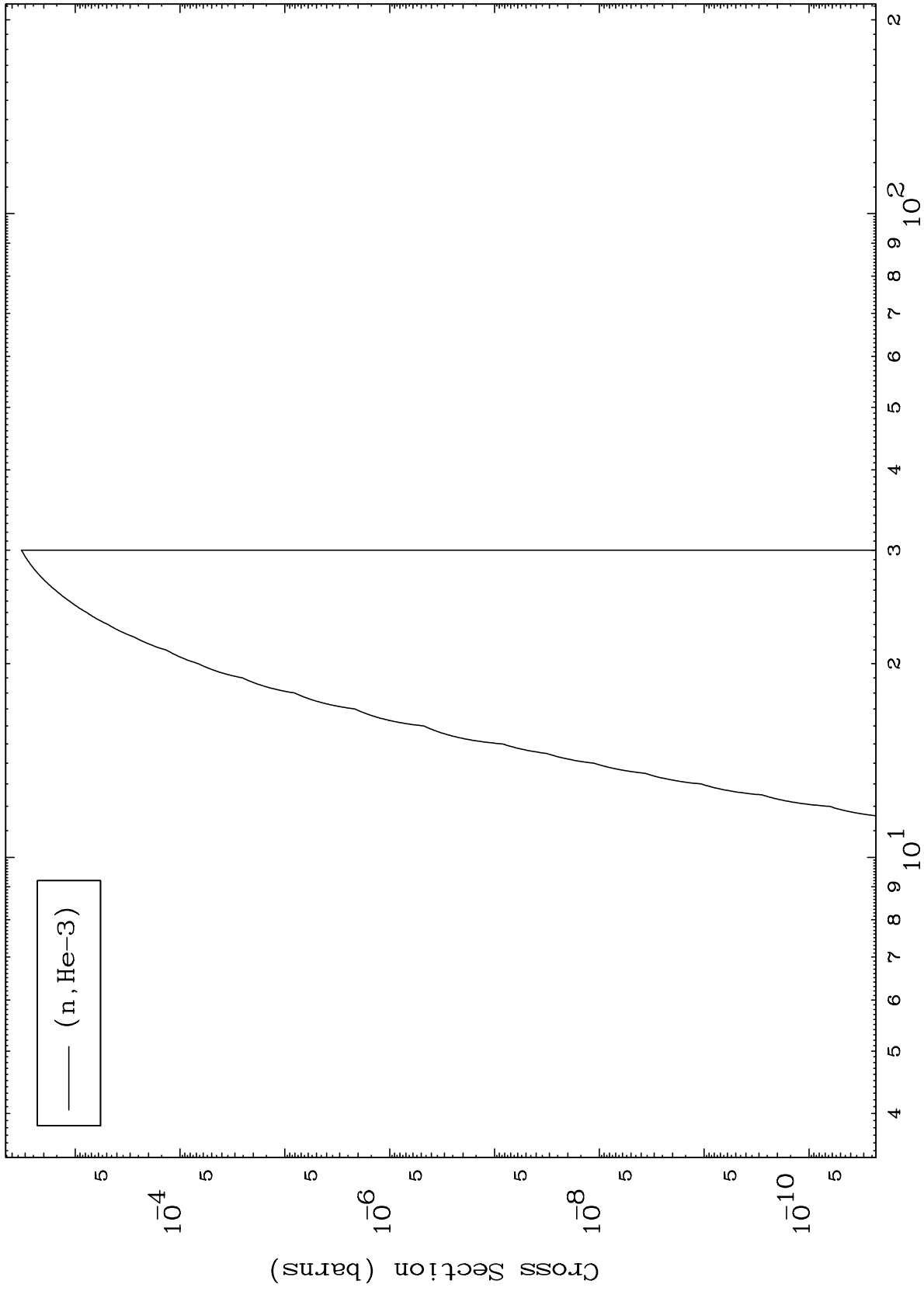
(n,t) Levels  
293 Kelvin Cross Sections



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Incident Energy (MeV)

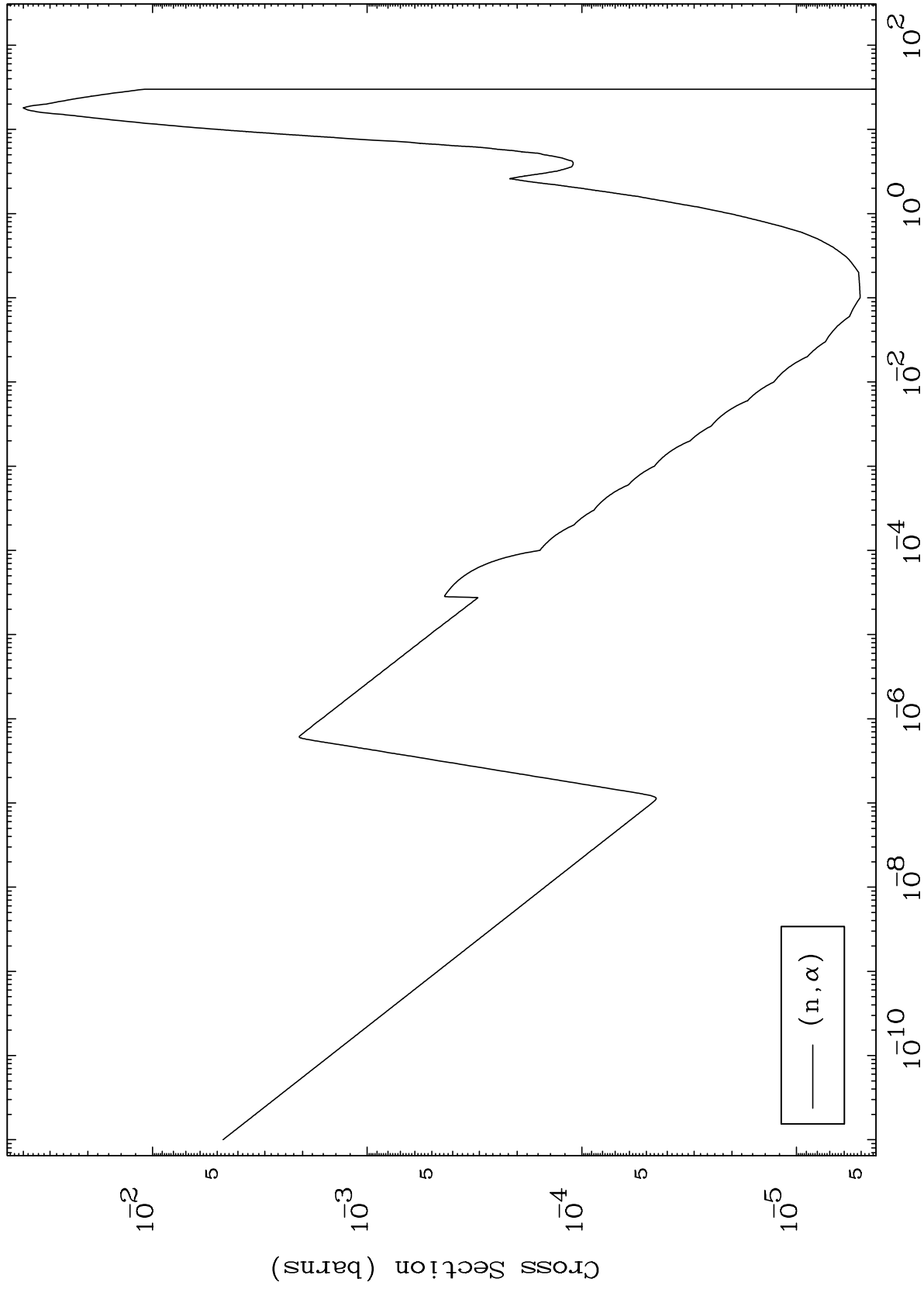
59-Pr-138



MAT 5917

(n,α) Levels  
293 Kelvin Cross Sections

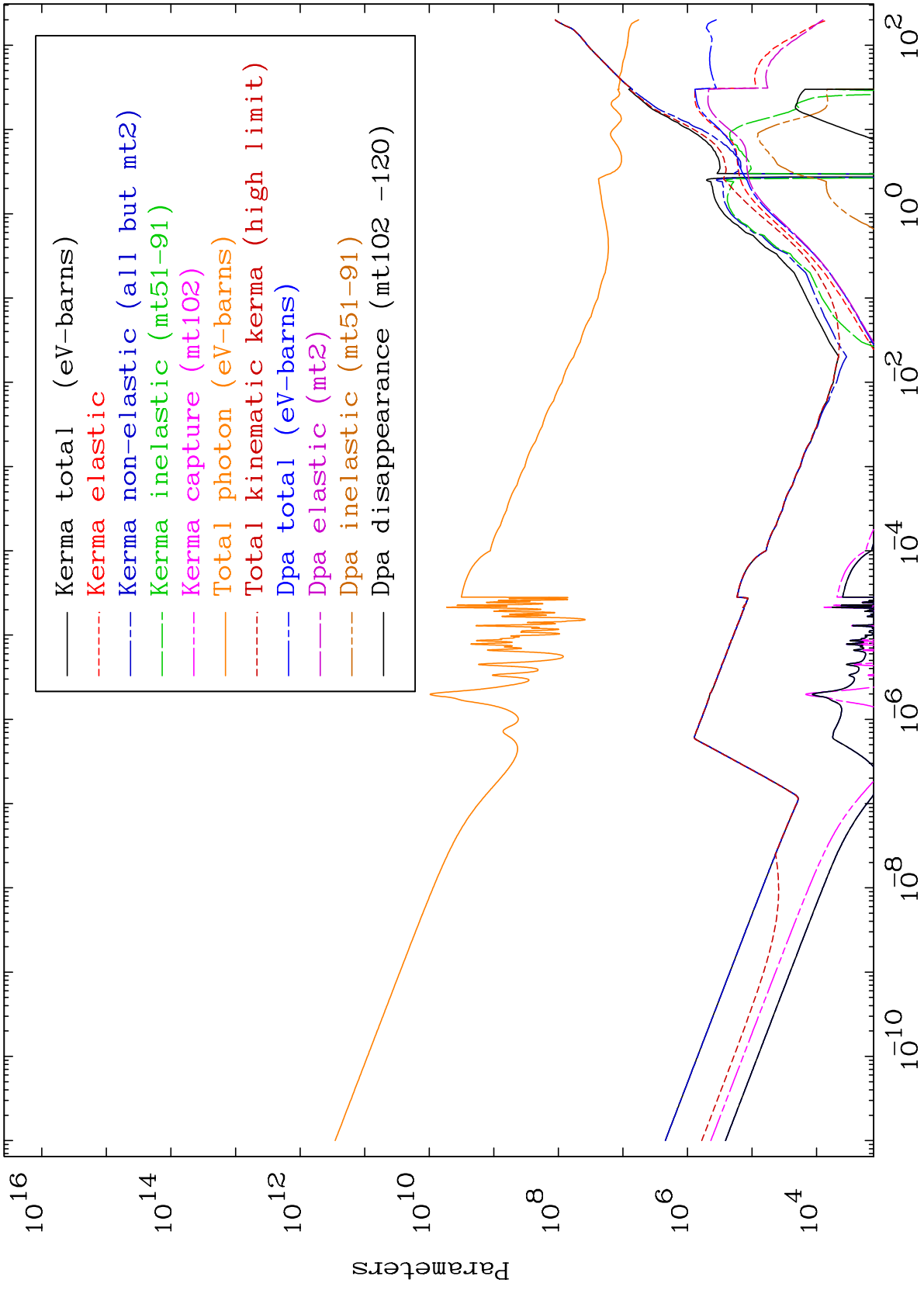
59-Pr-138



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Incident Energy (MeV)

59-Pr-138

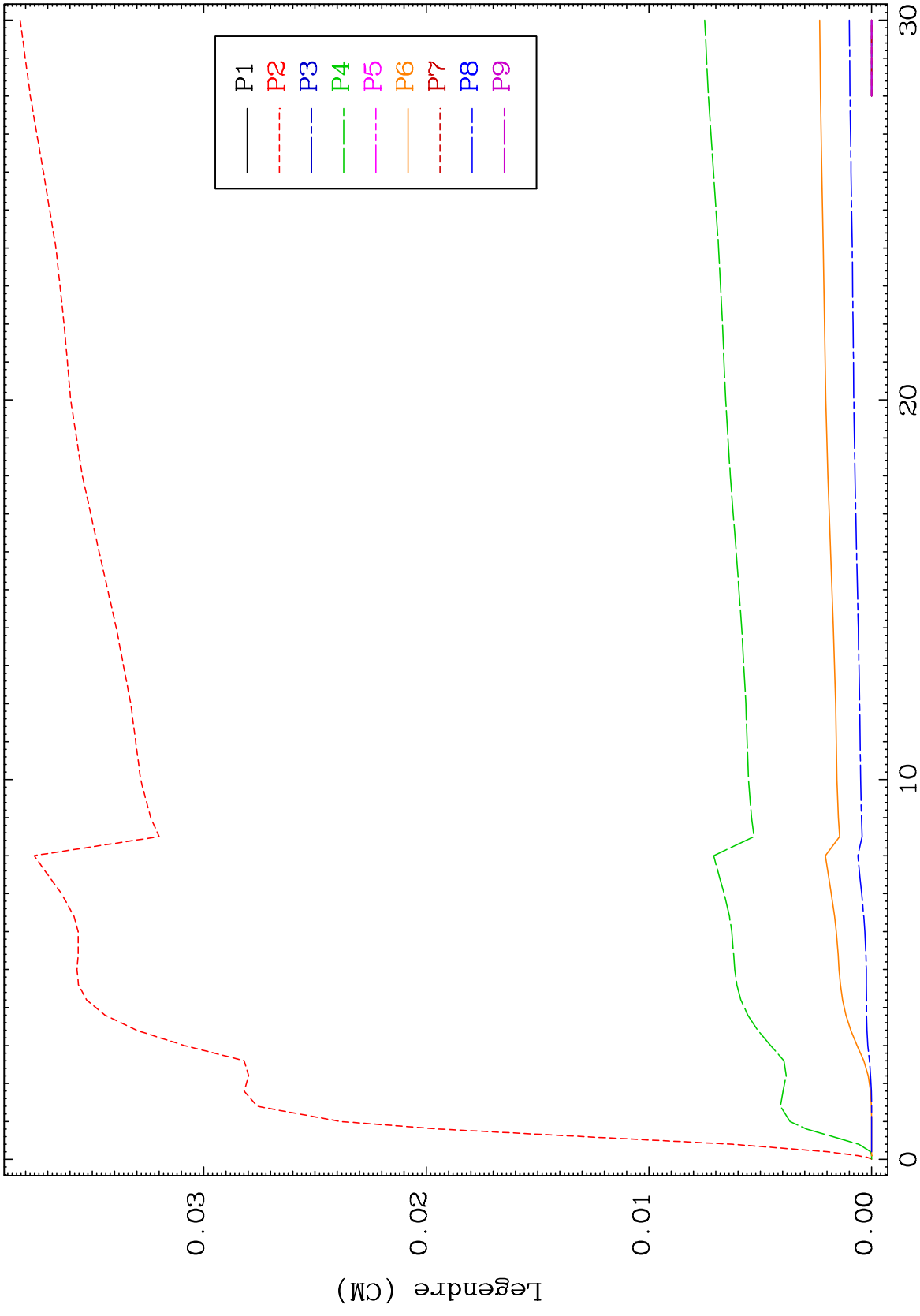




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Elastic Legendre Coefficients

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59-Pr-138

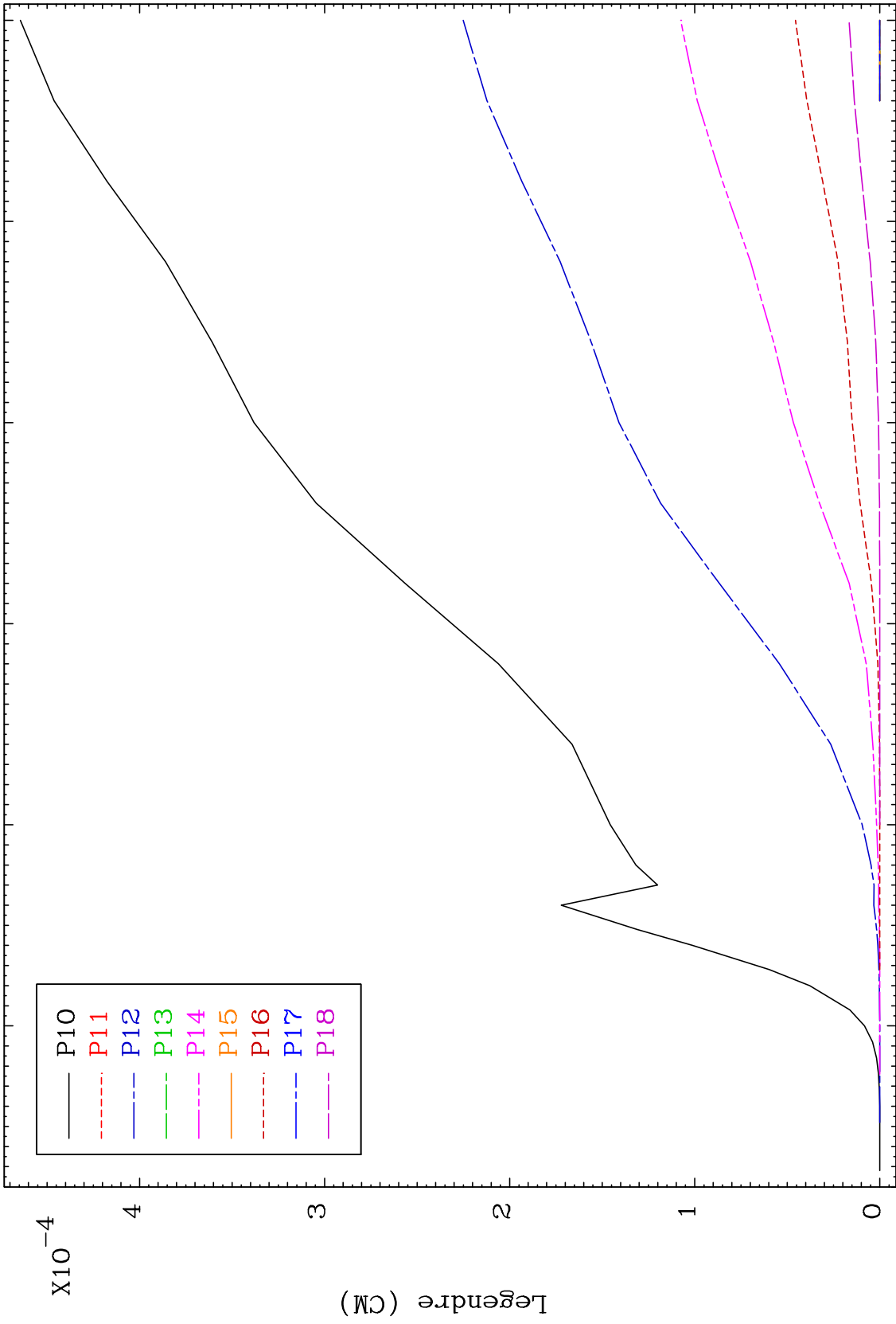
Incident Energy (MeV)

16

MAT 5917

Elastic Legendre Coefficients

59-Pr-138



17

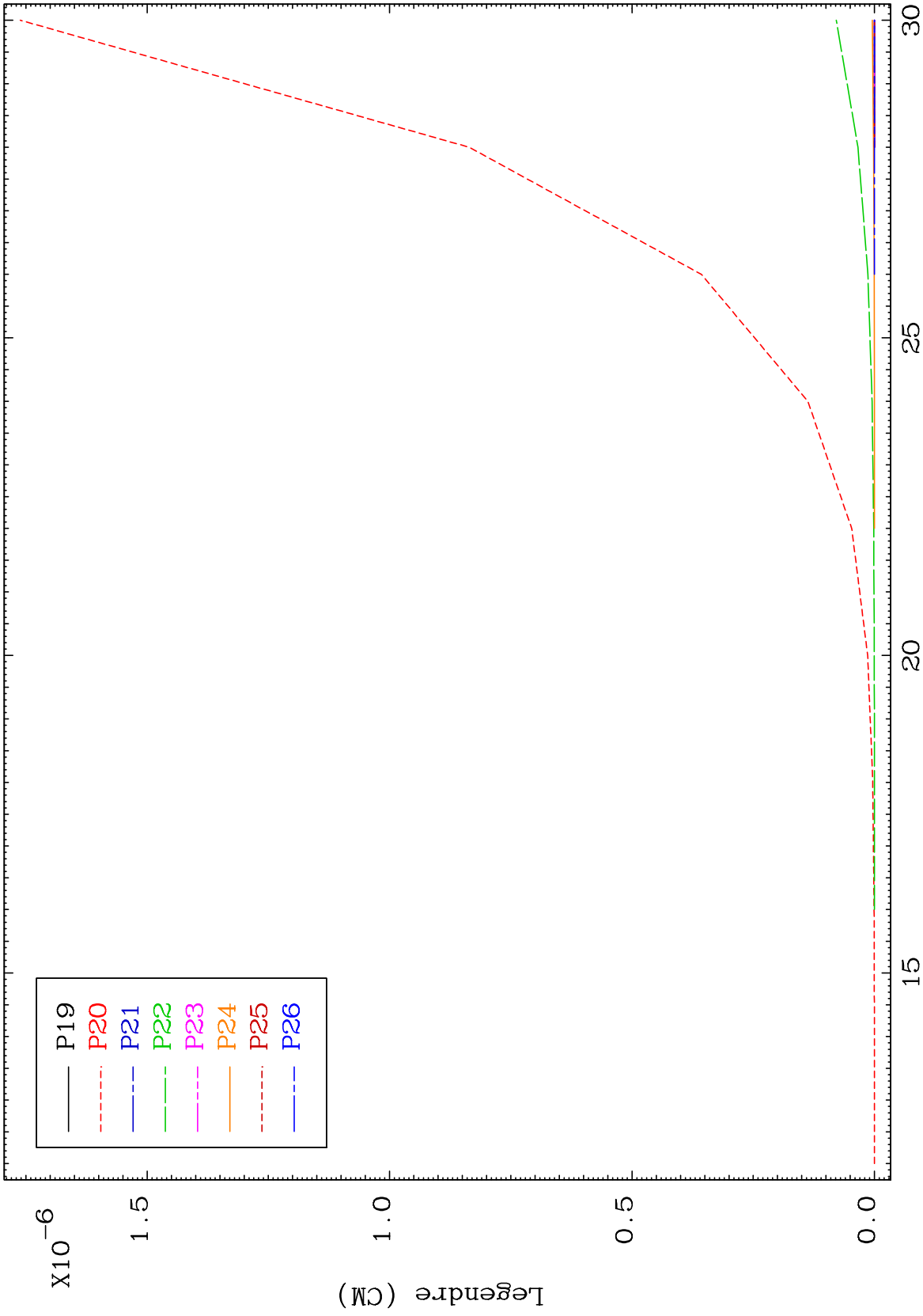
Incident Energy (MeV)

59-Pr-138

MAT 5917

Elastic Legendre Coefficients

59-Pr-138



18

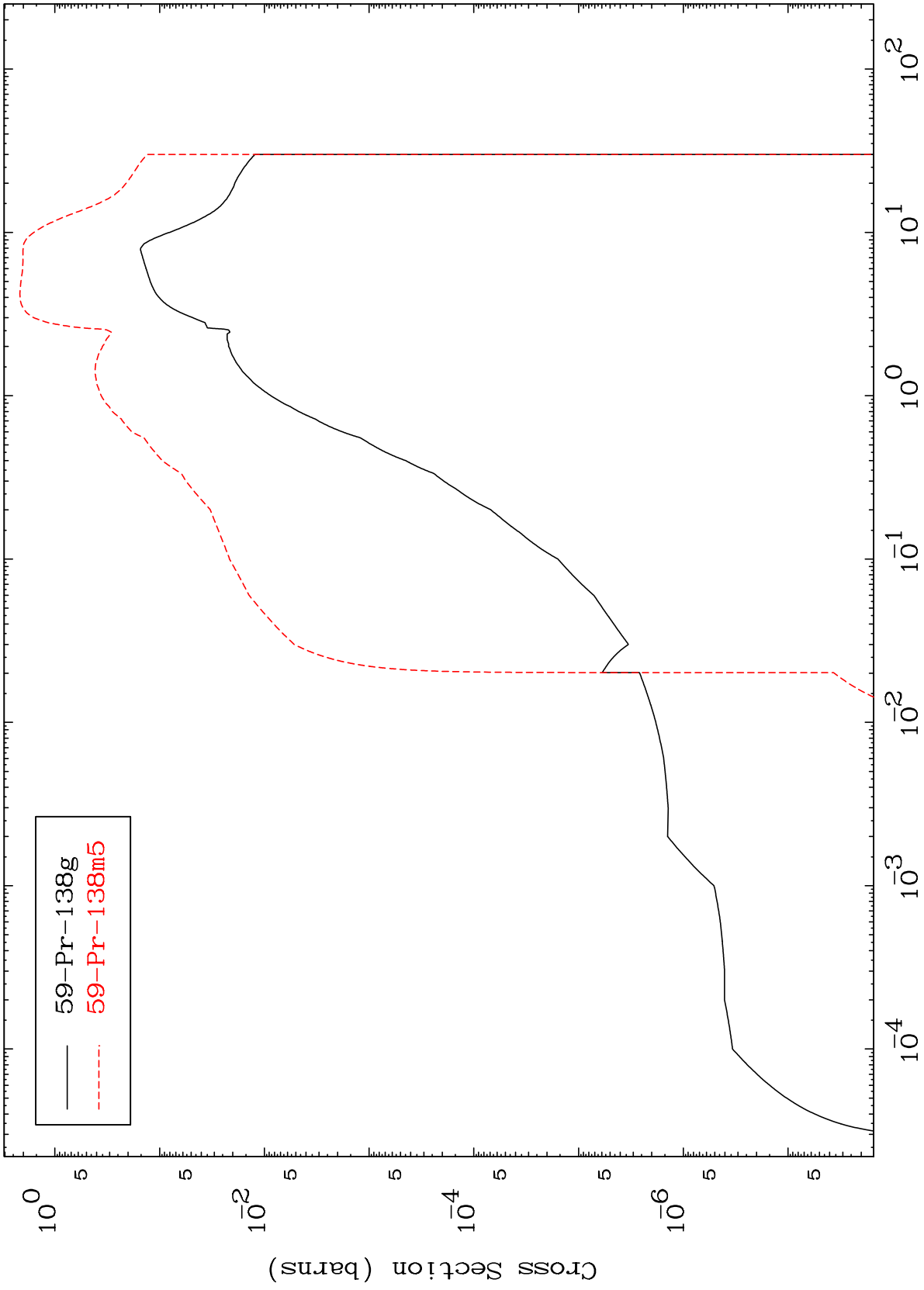
Incident Energy (MeV)

59-Pr-138

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Inelastic  
Radionuclide Production Cross Section

59-Pr-138



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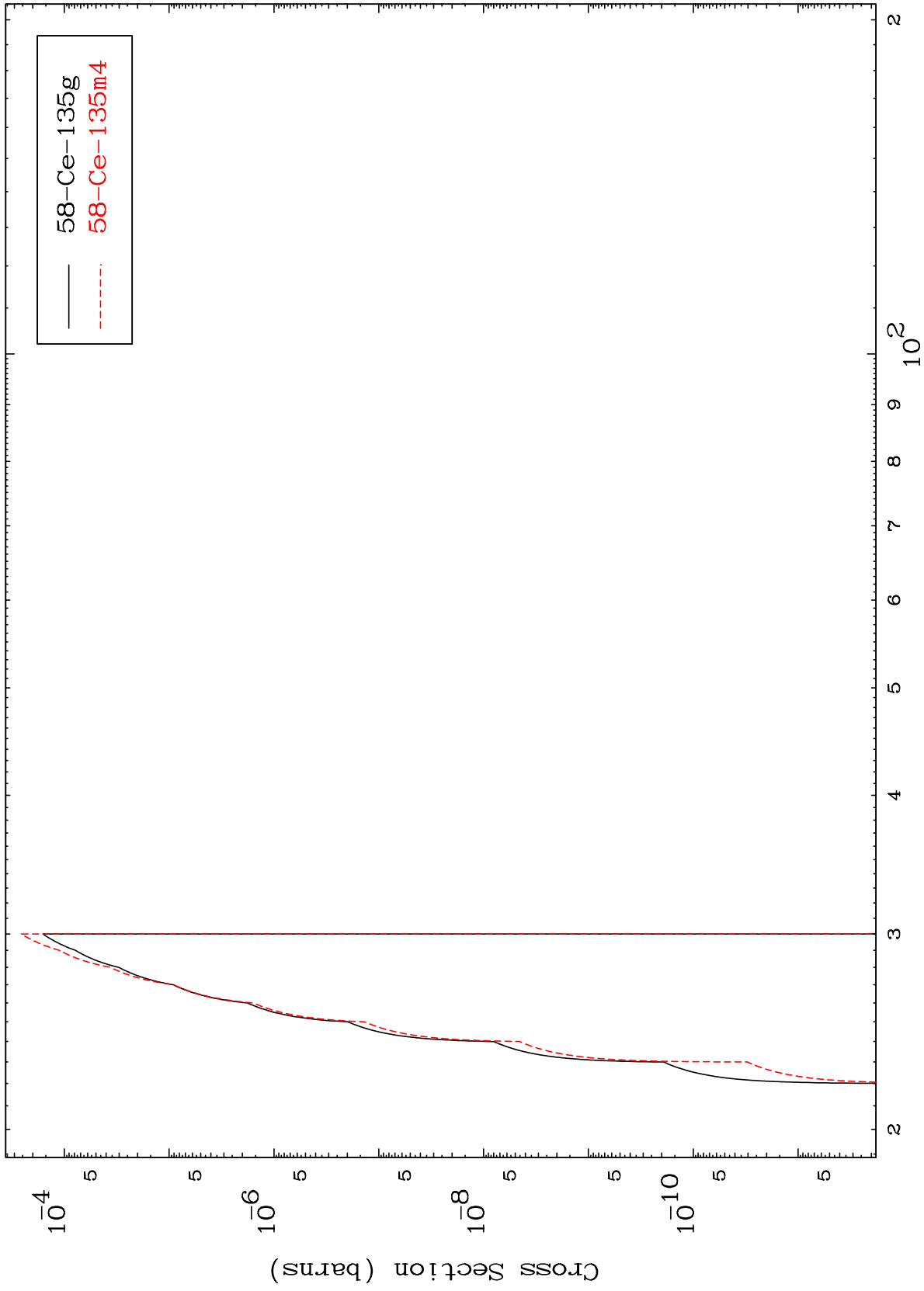
59-Pr-138

MAT 5917

(n,2n) d

59-Pr-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

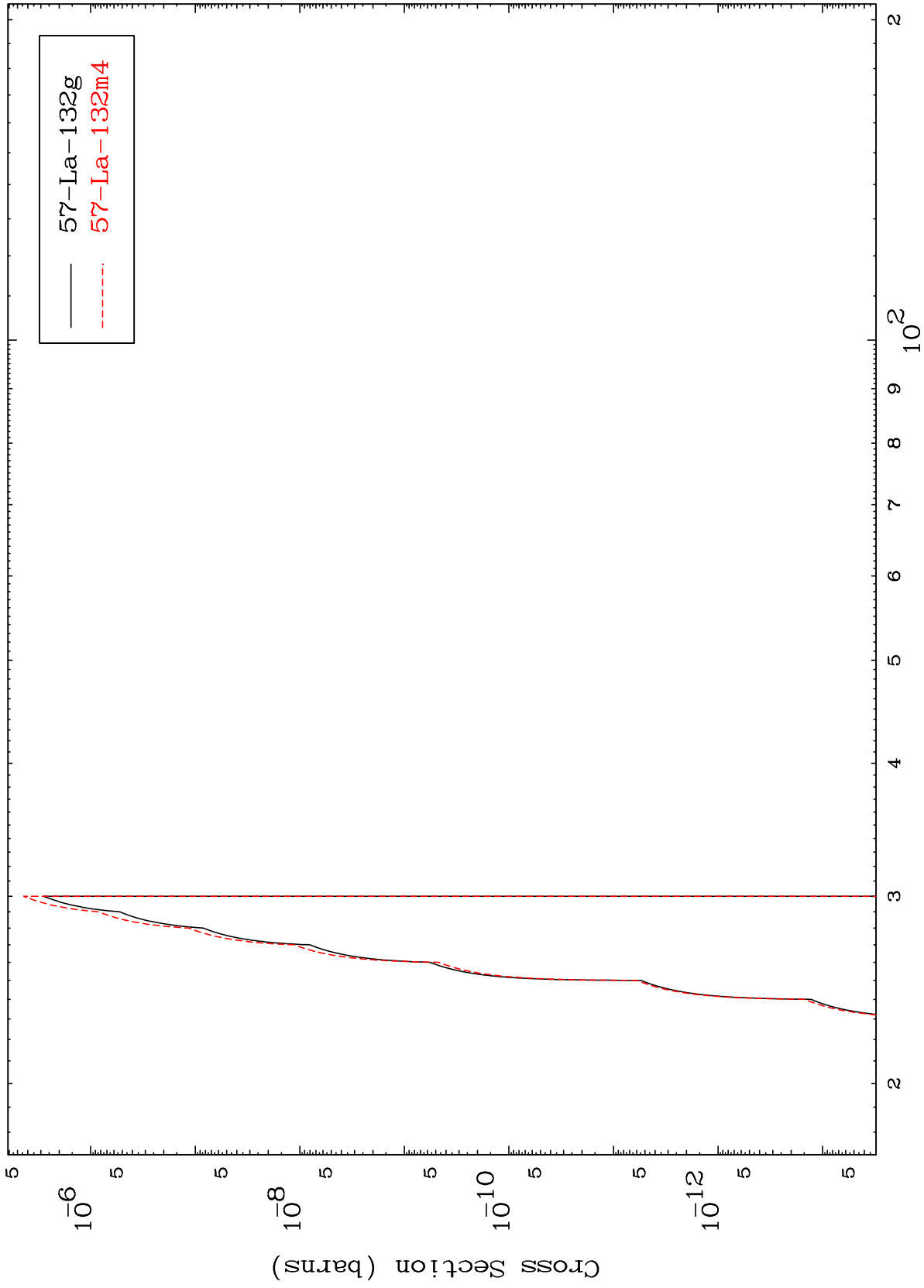
59-Pr-138

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(n,3n)  $\alpha$

59-Pr-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

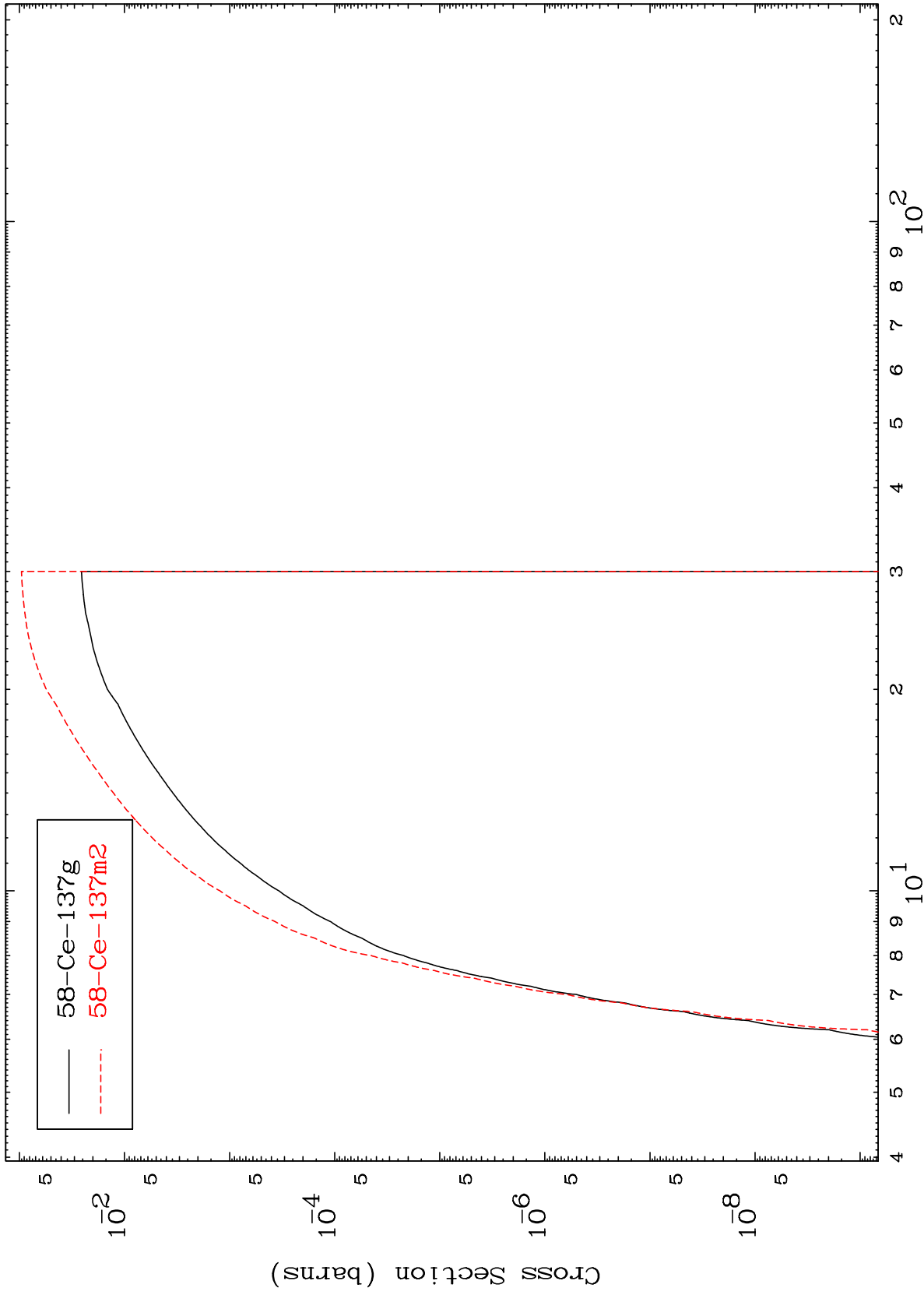
59-Pr-138

MAT 5917

(n,n') p

59-Pr-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

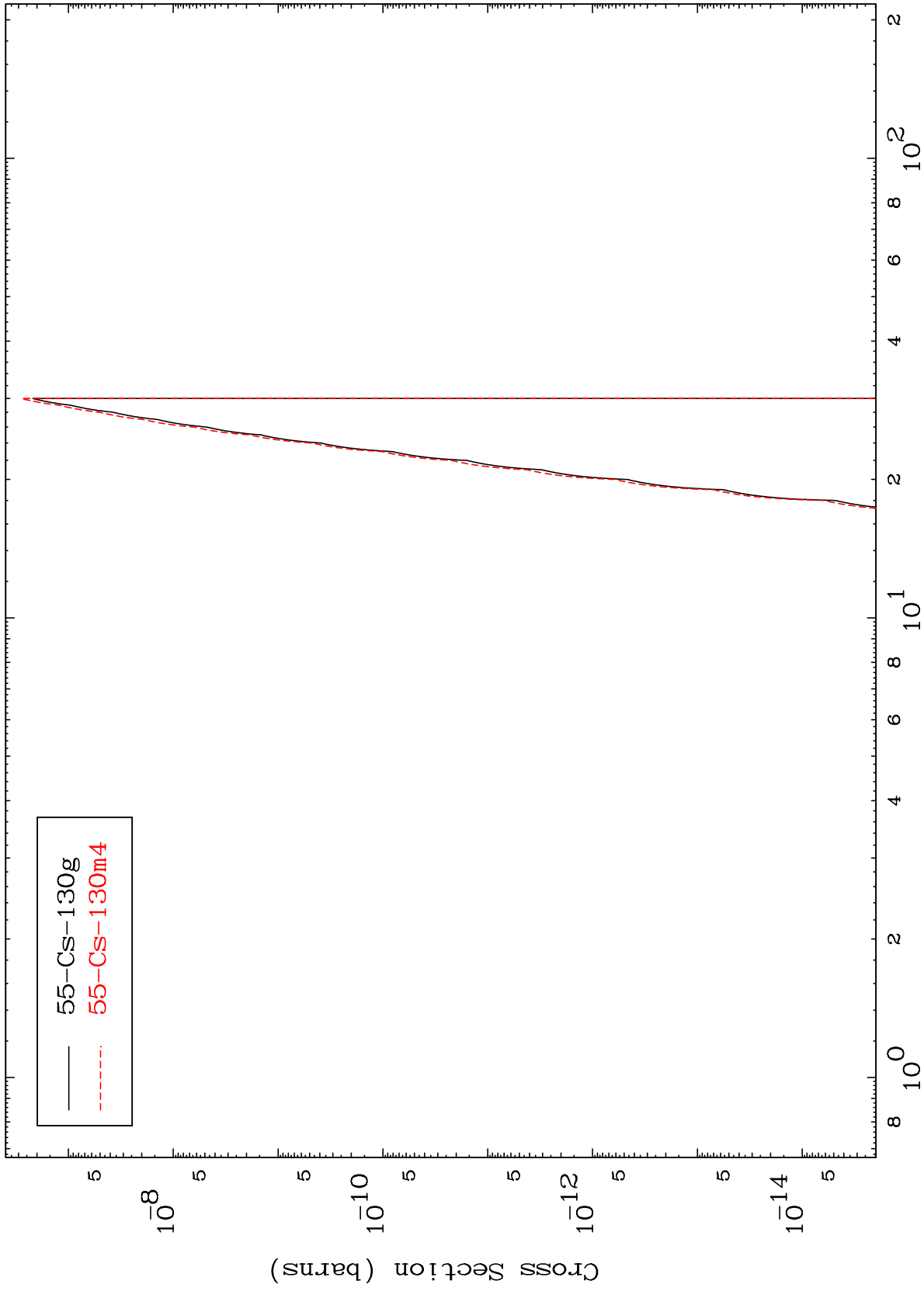
59-Pr-138

MAT 5917

(n,n') 2α

59-Pr-138

Radionuclide Production Cross Section



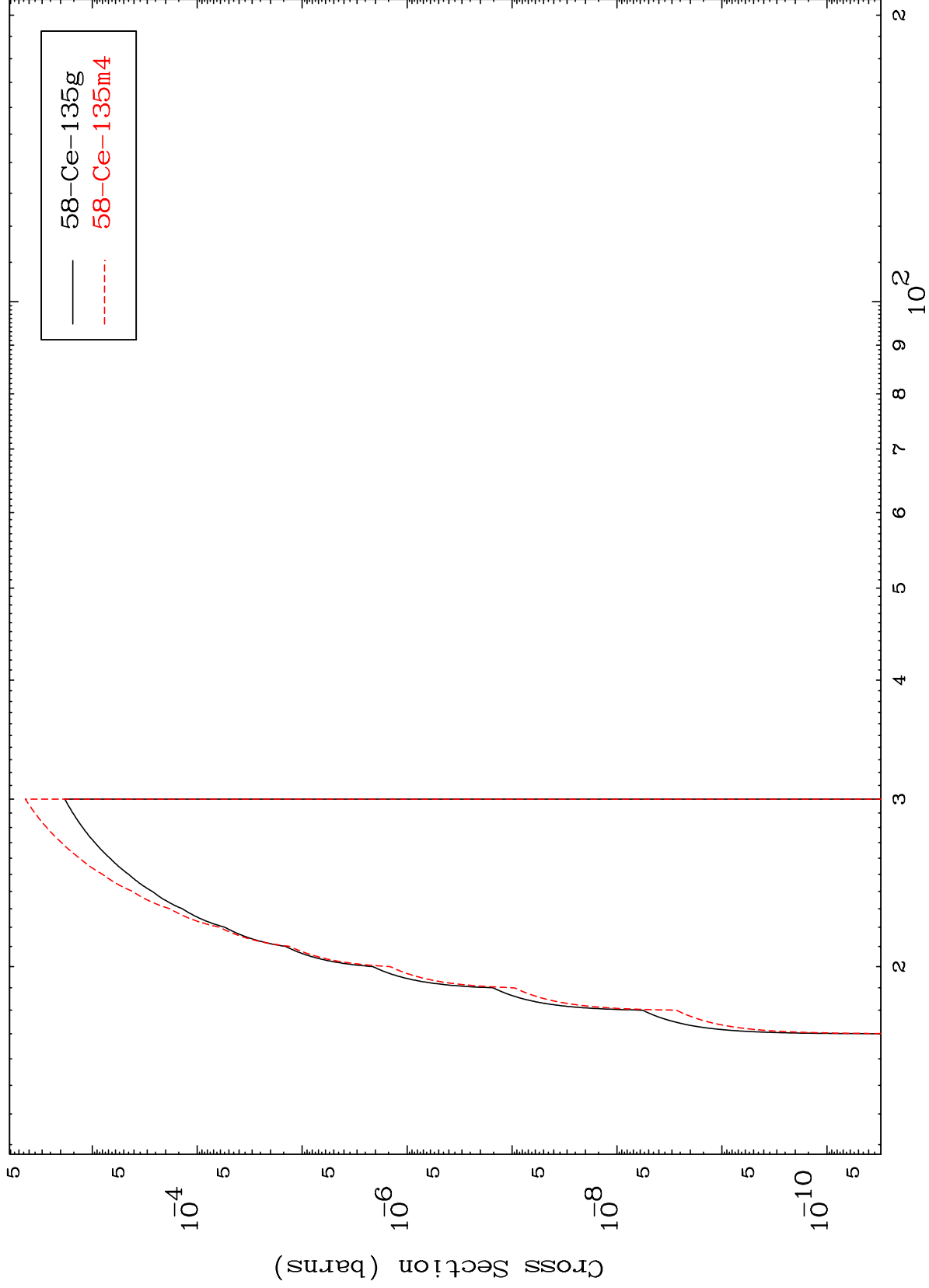
23

Incident Energy (MeV)

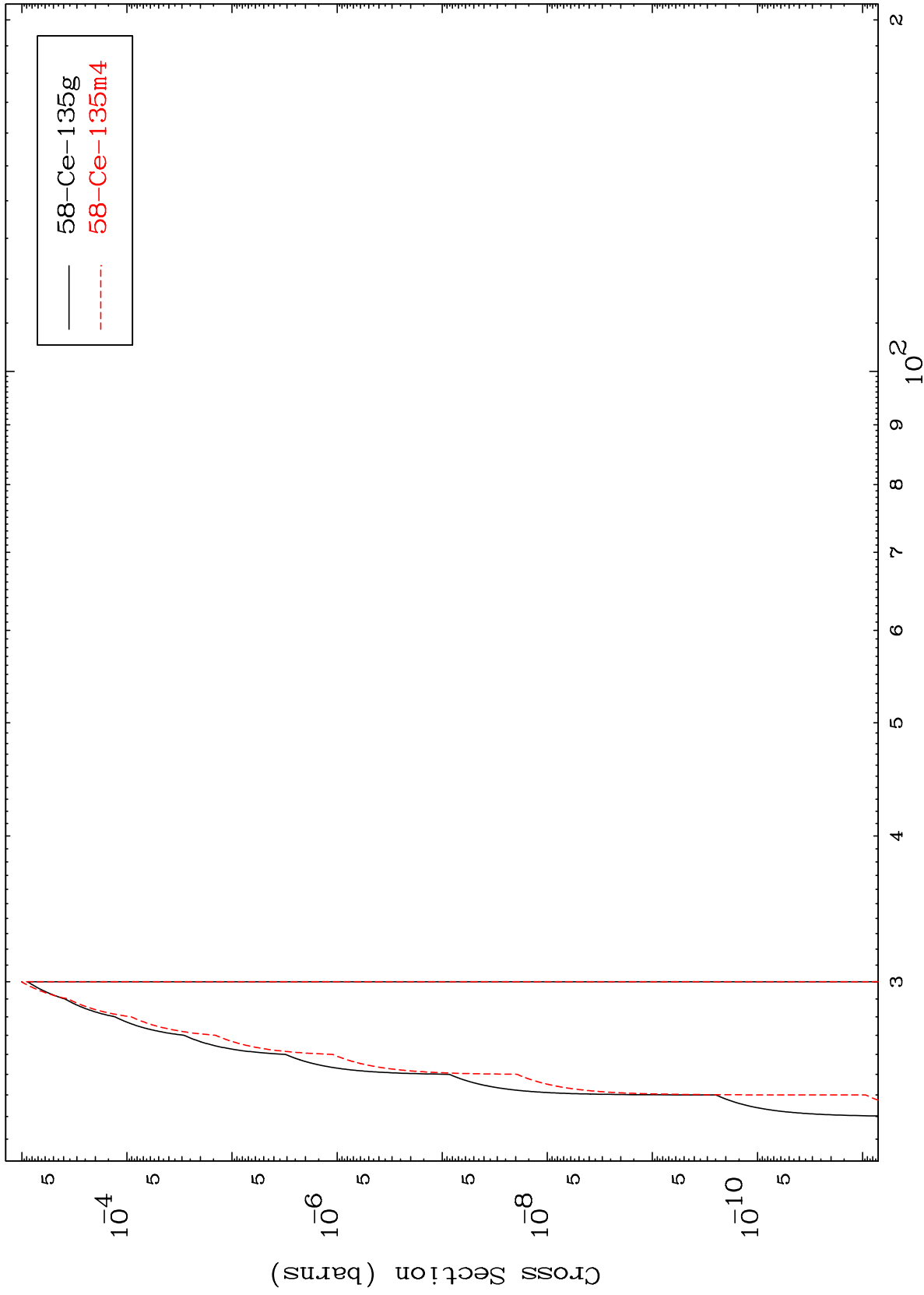
59-Pr-138



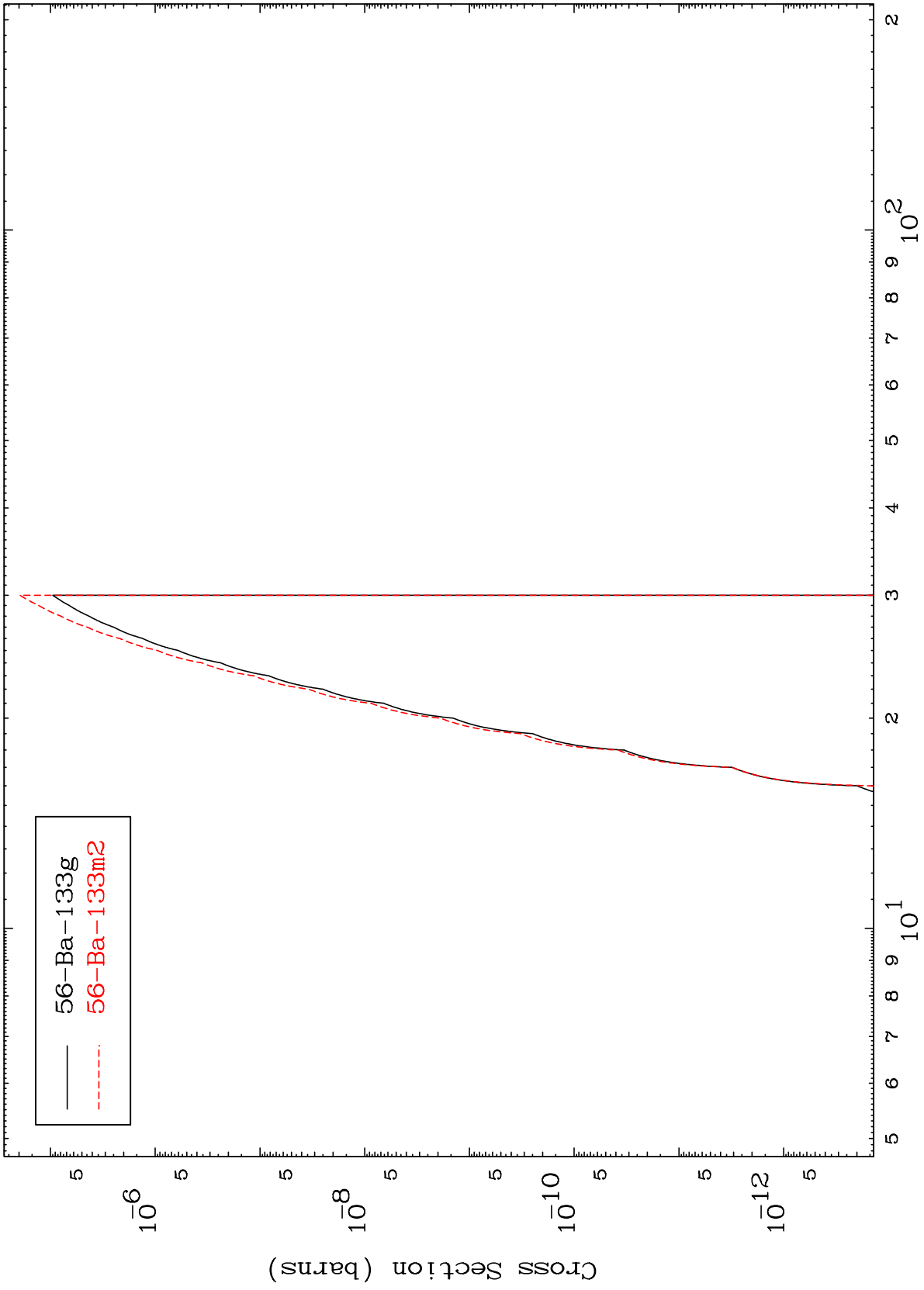
Radionuclide Production Cross Section



Radionuclide Production Cross Section



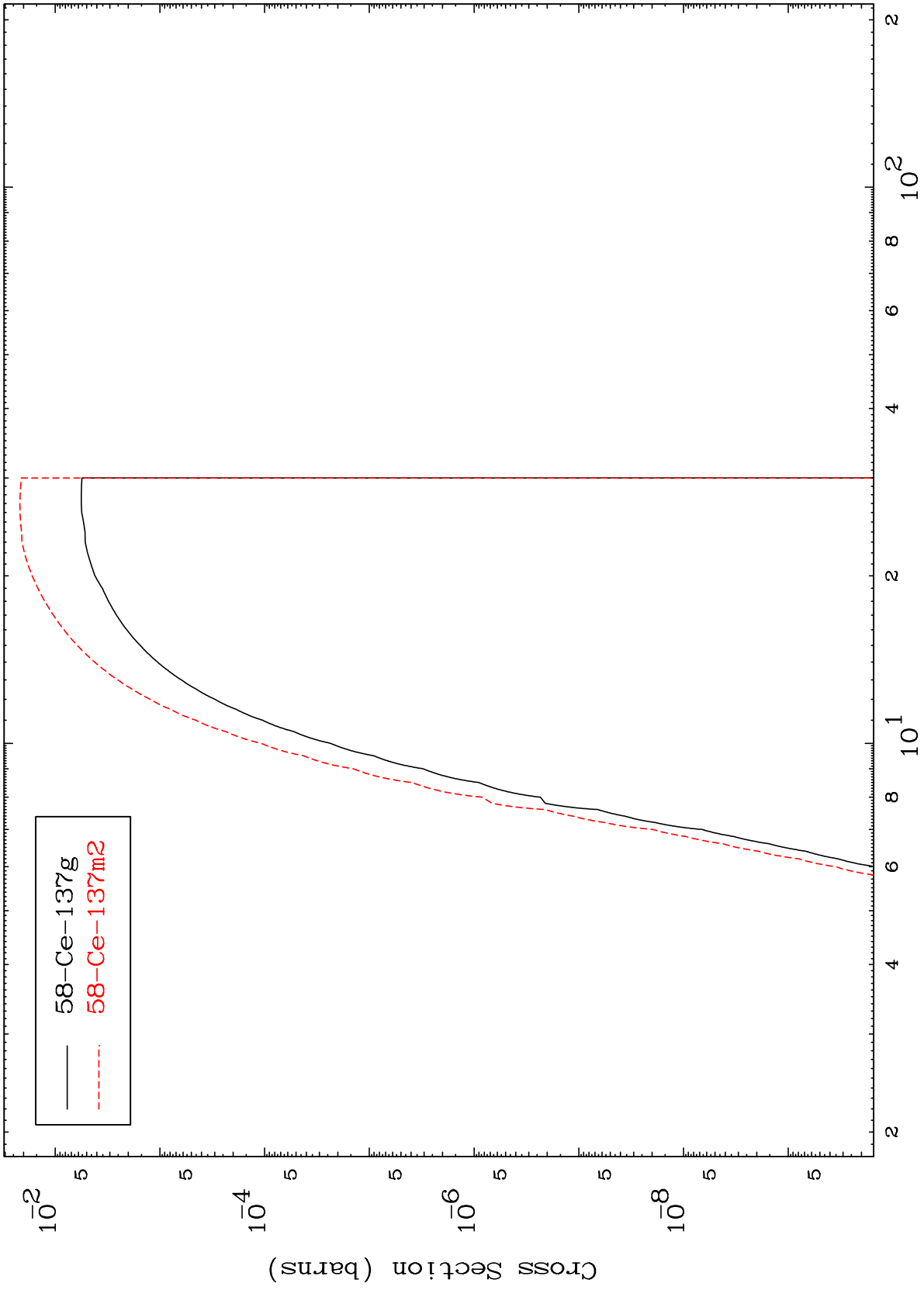
(n,n') p  $\alpha$   
Radionuclide Production Cross Section



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(n,d)  
Radionuclide Production Cross Section



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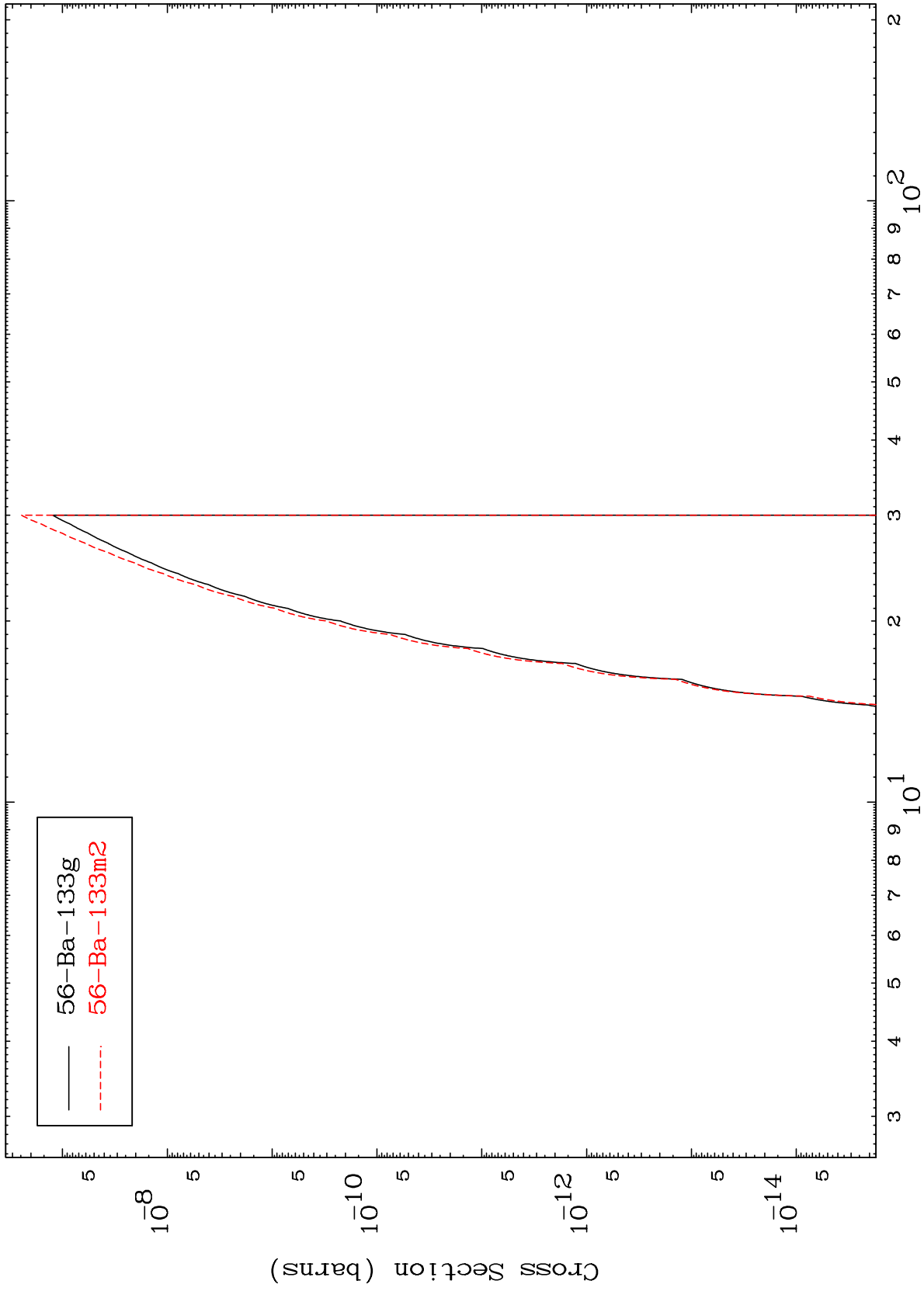
59-Pr-138

MAT 5917

(n,d)  $\alpha$

59-Pr-138

Radionuclide Production Cross Section



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Incident Energy (MeV)

59-Pr-138