

Program EVALPLOT  
(Version 2018-1)

by

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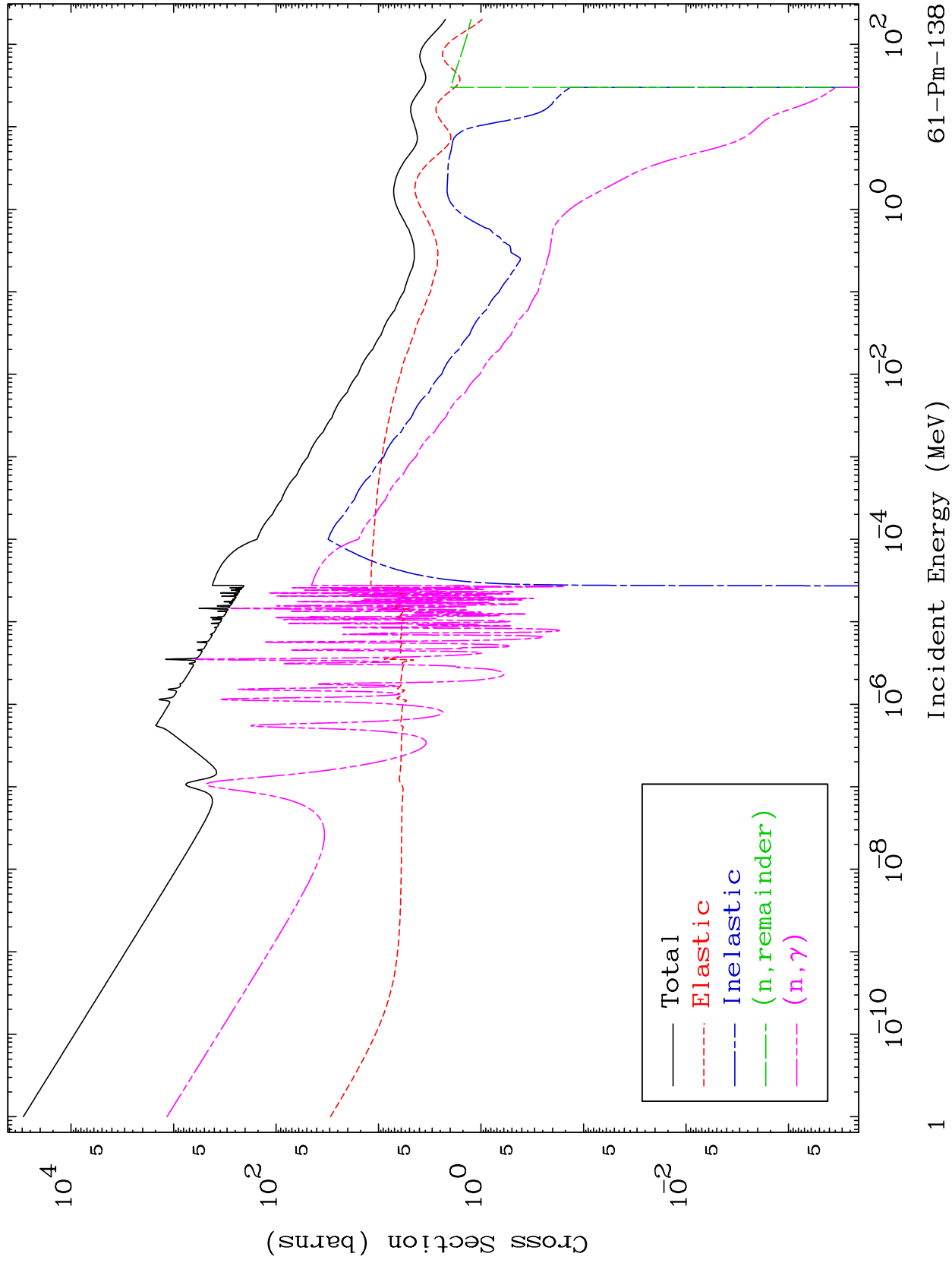
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6123

Major  
293 Kelvin Cross Sections

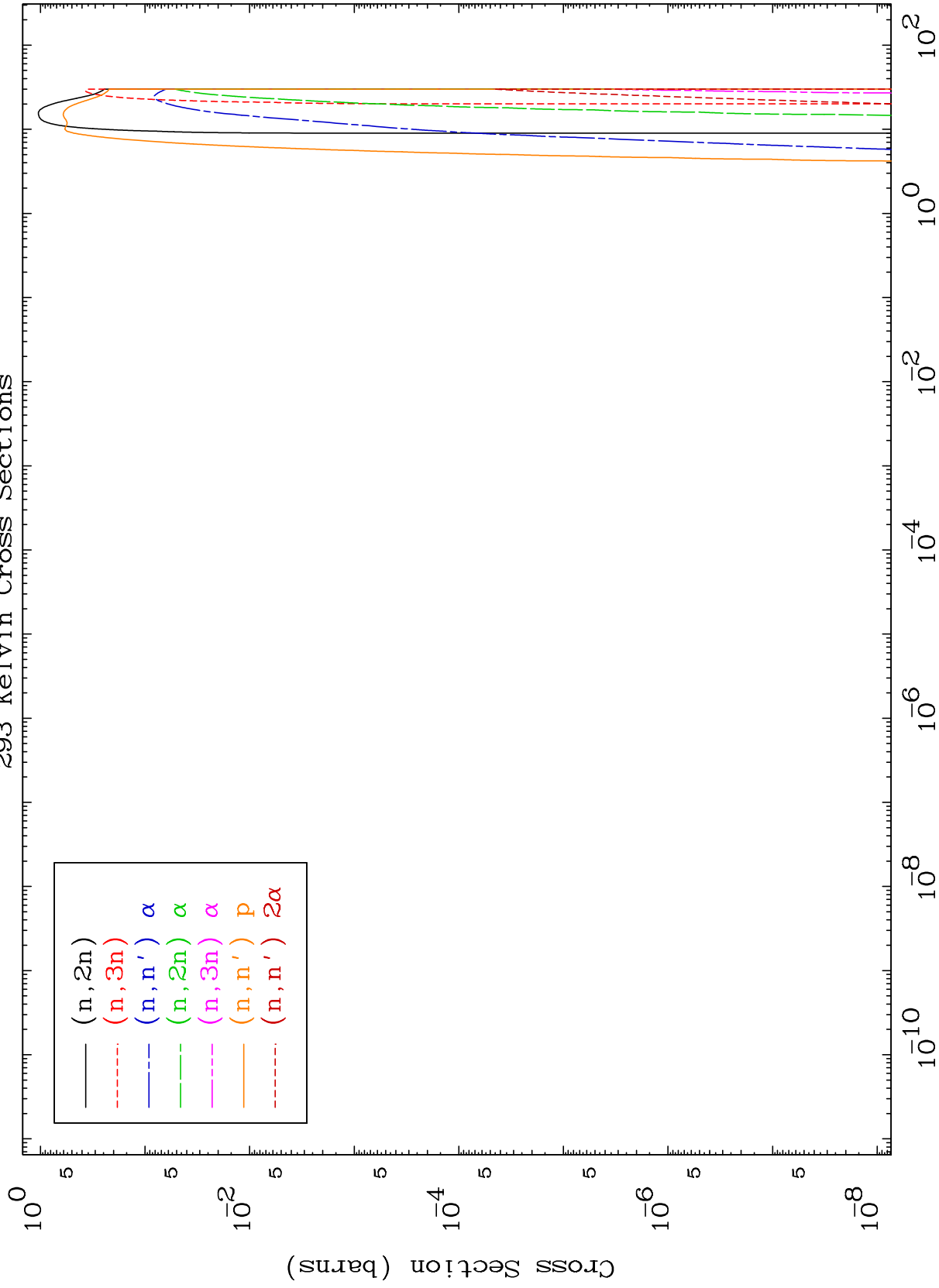
61-Pm-138



MAT 6123

Neutron Production  
293 Kelvin Cross Sections

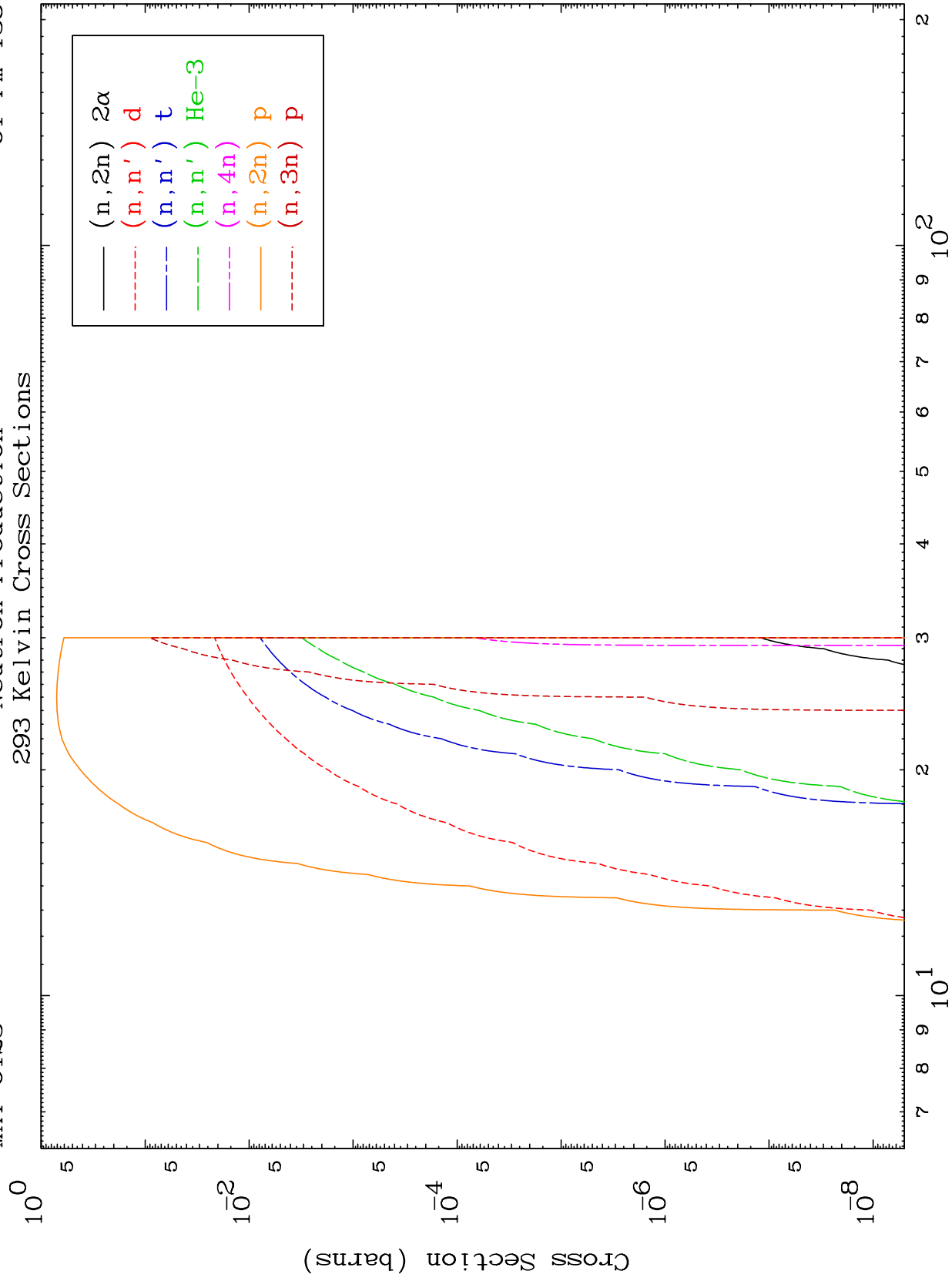
61-Pm-138



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Incident Energy (MeV)

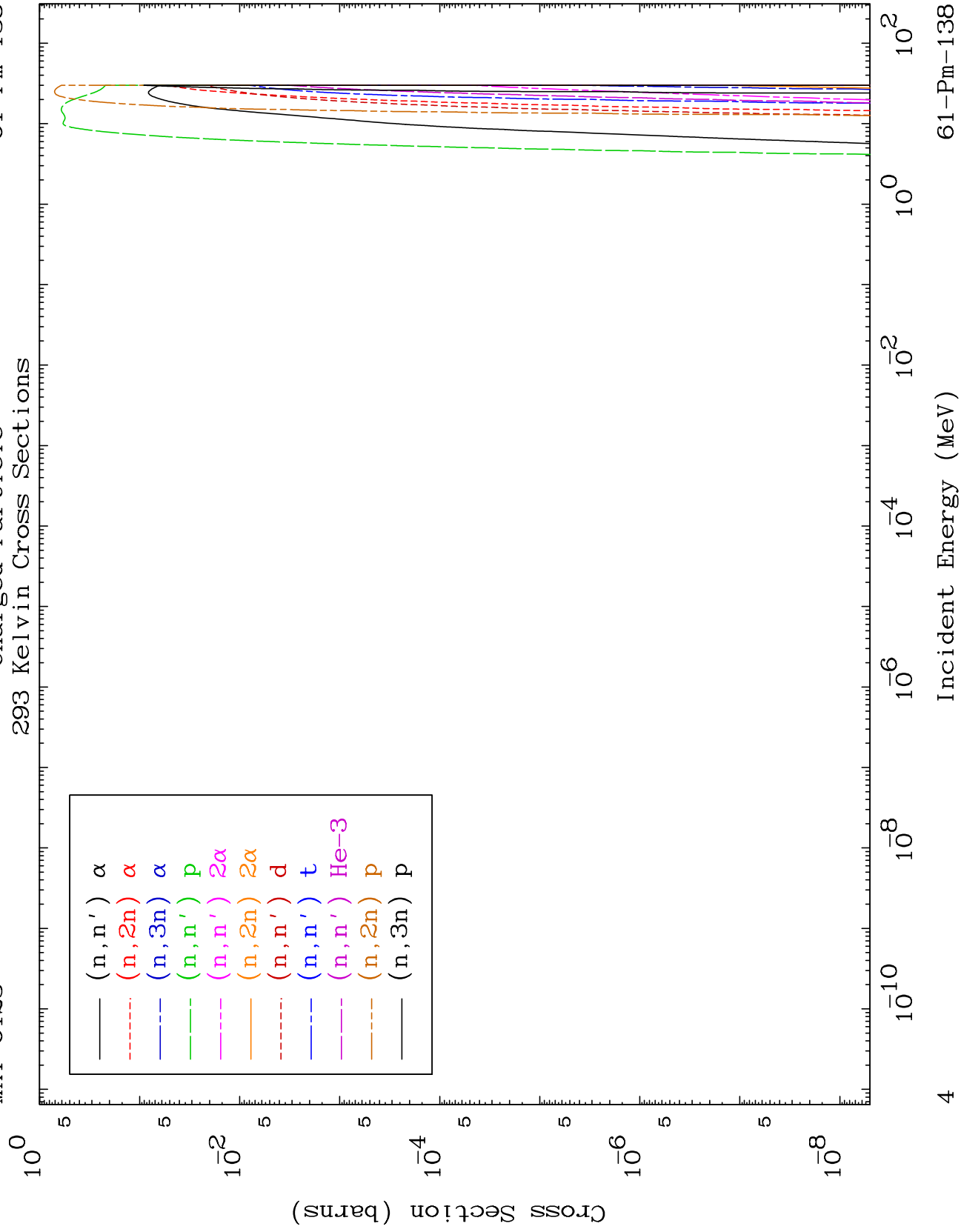
61-Pm-138



MAT 6123

Charged Particle  
293 Kelvin Cross Sections

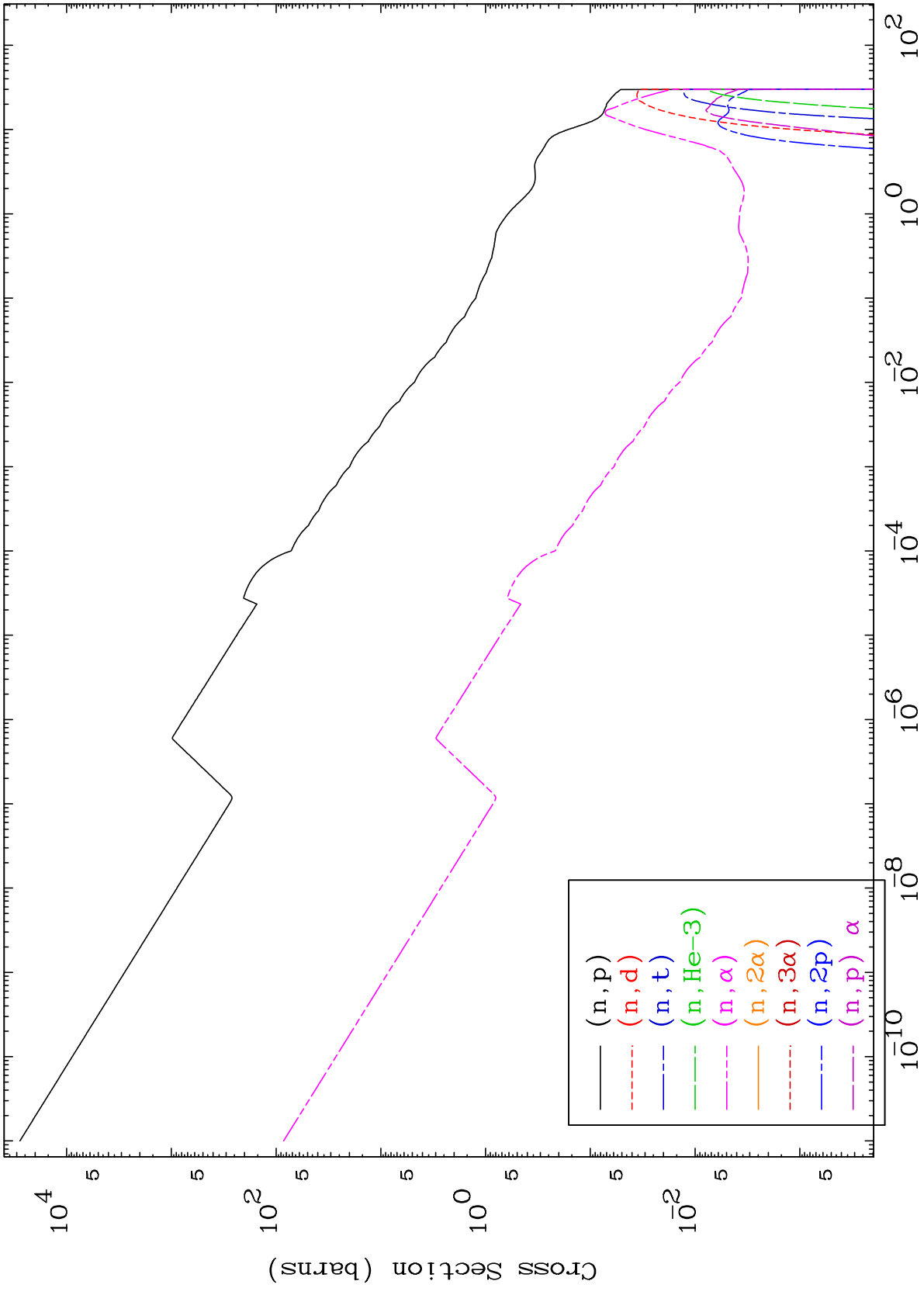
61-Pm-138



MAT 6123

Charged Particle  
293 Kelvin Cross Sections

61-Pm-138

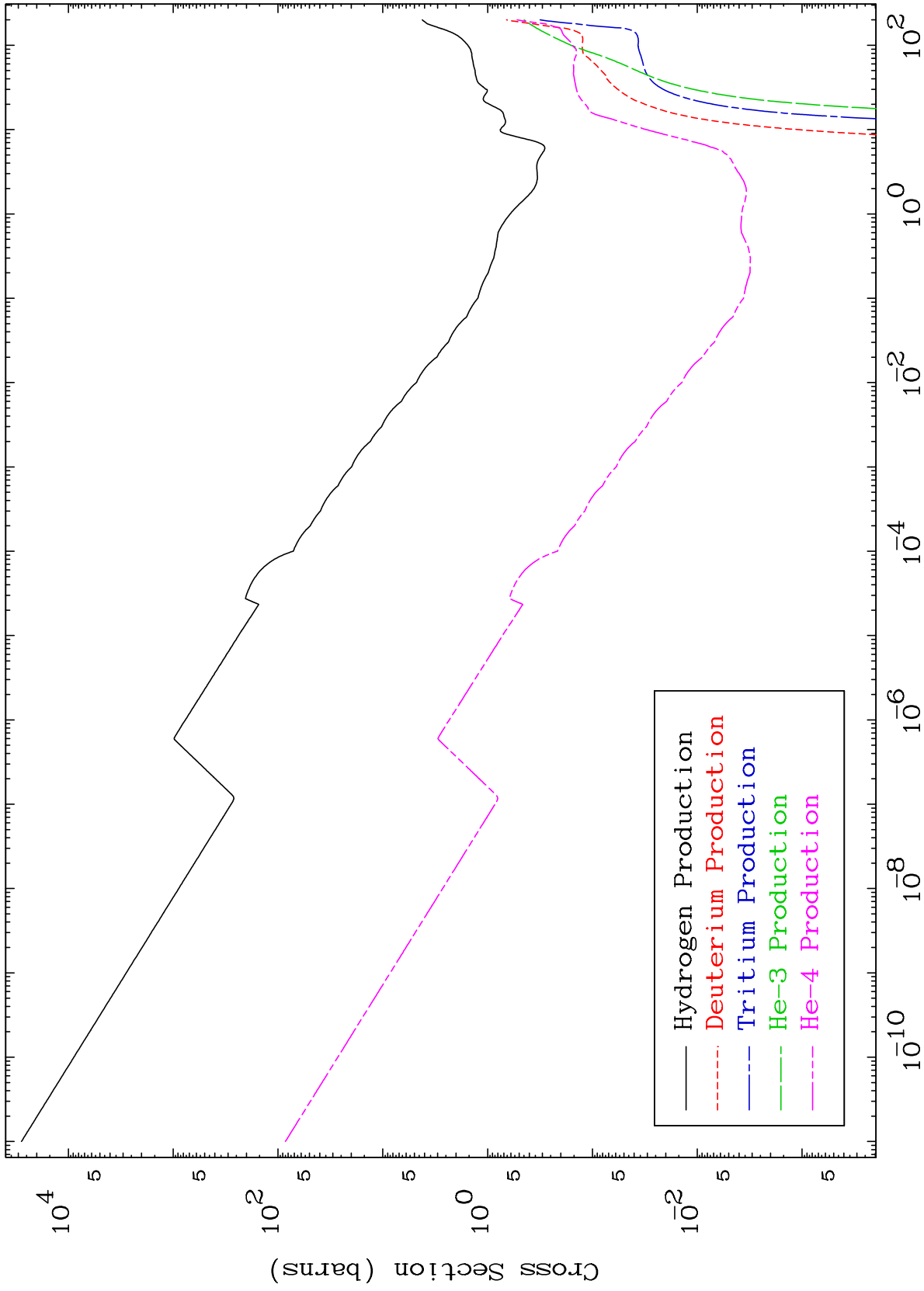


61-Pm-138

MAT 6123

Particle Production  
293 Kelvin Cross Sections

61-Pm-138

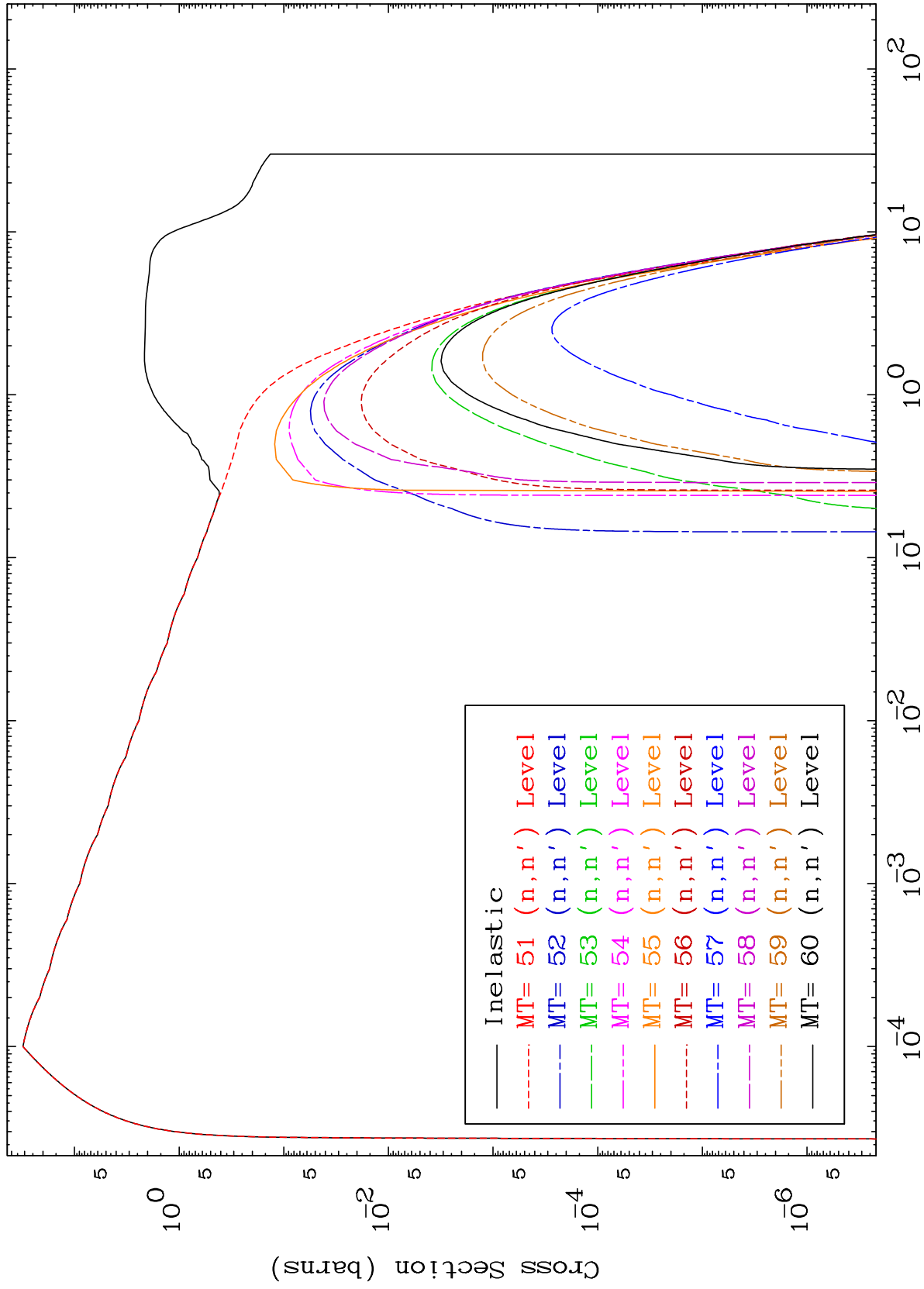


61-Pm-138

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293 Kelvin Cross Sections  
(n,n') Level

61-Pm-138



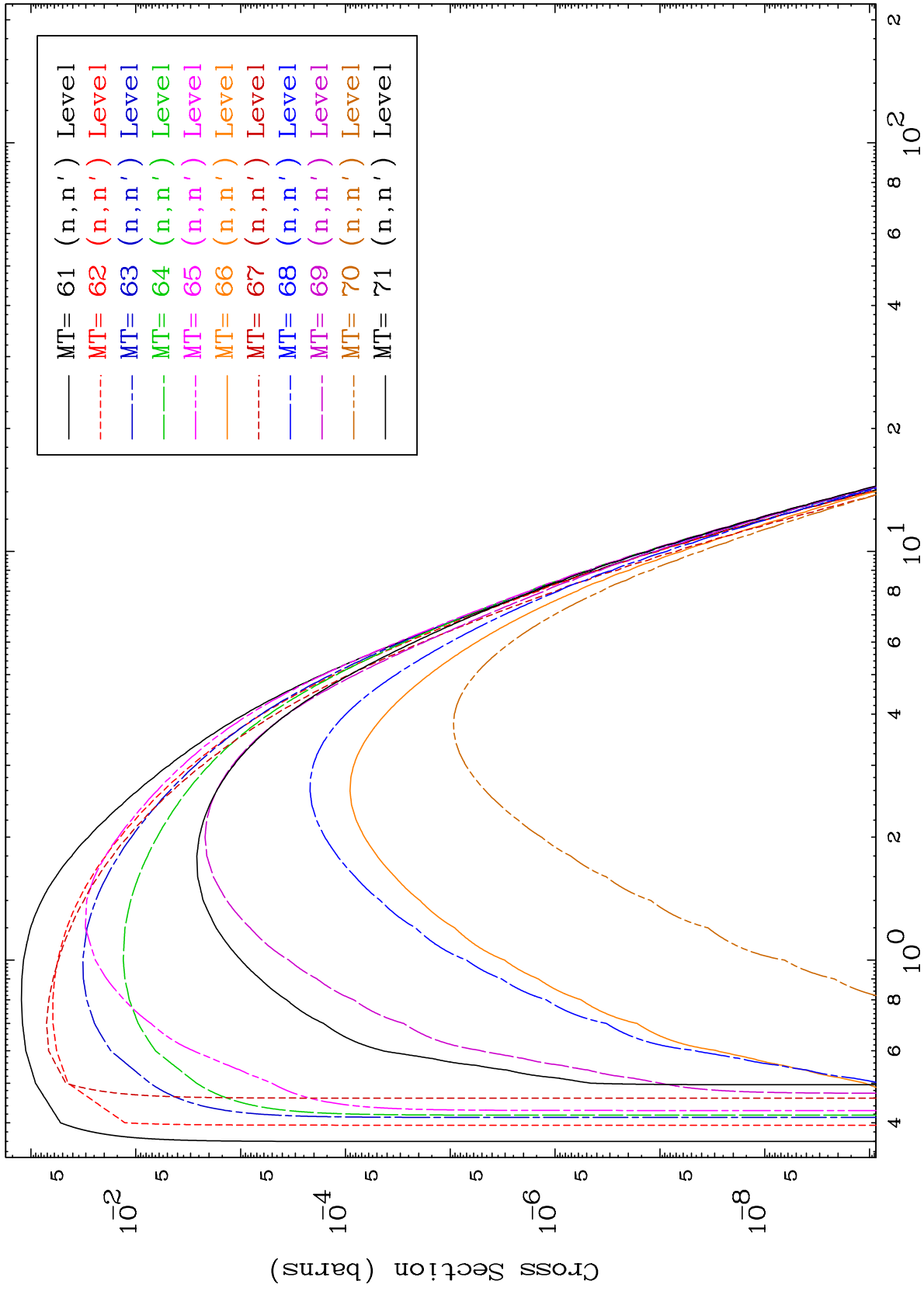


MAT 6123

(n,n') Level

61-Pm-138

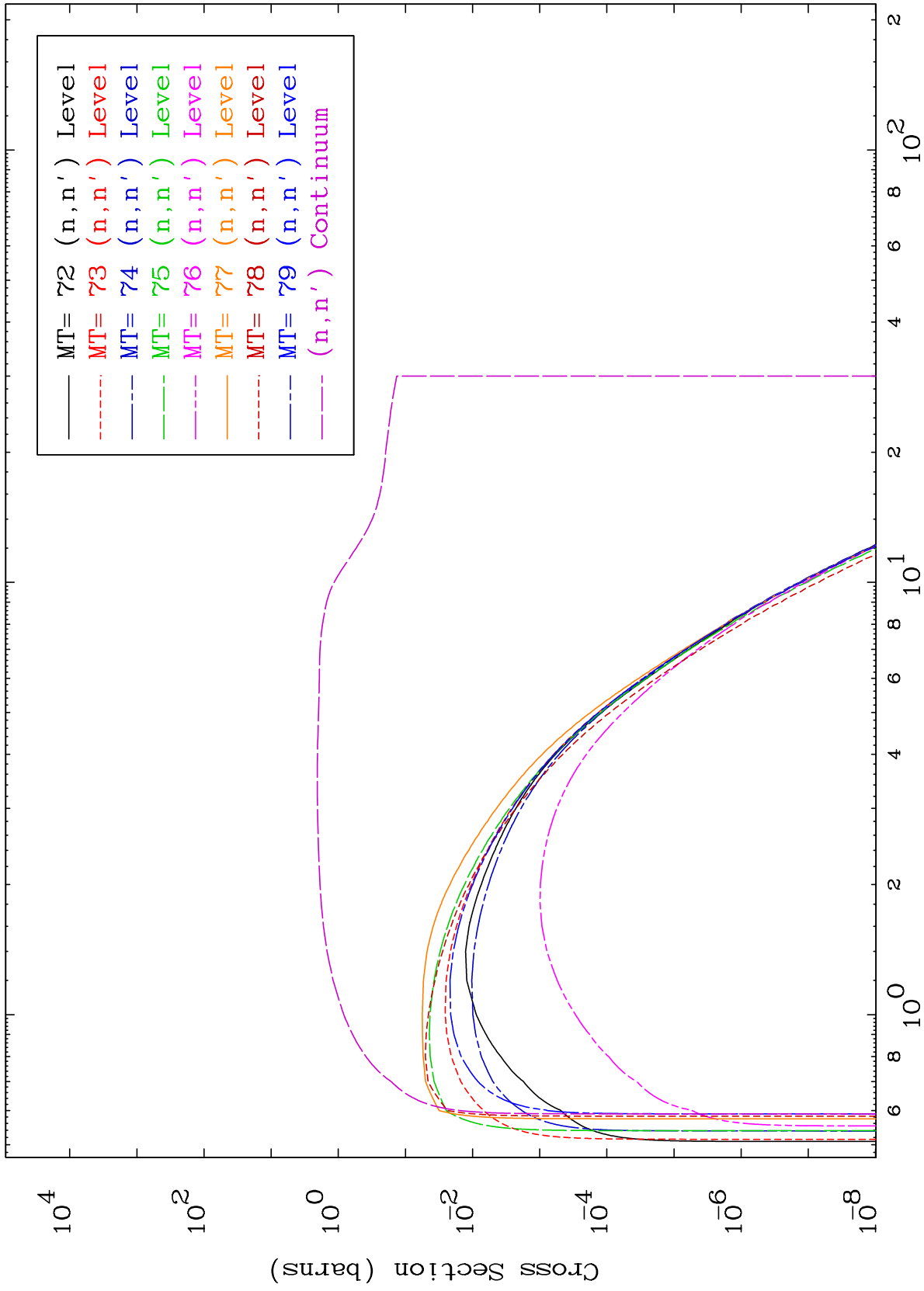
293 Kelvin Cross Sections



8

Incident Energy (MeV)

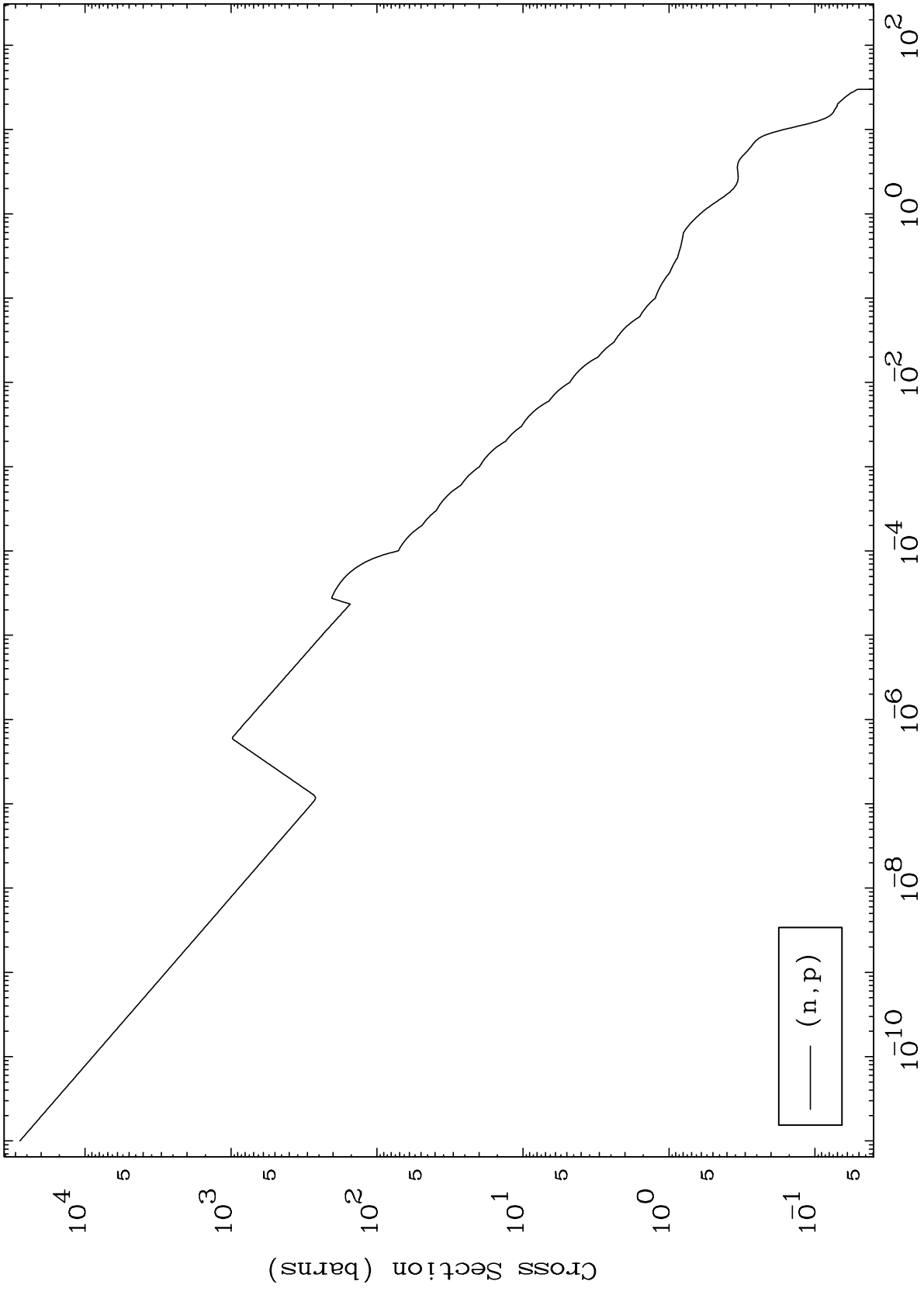
61-Pm-138



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(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-138



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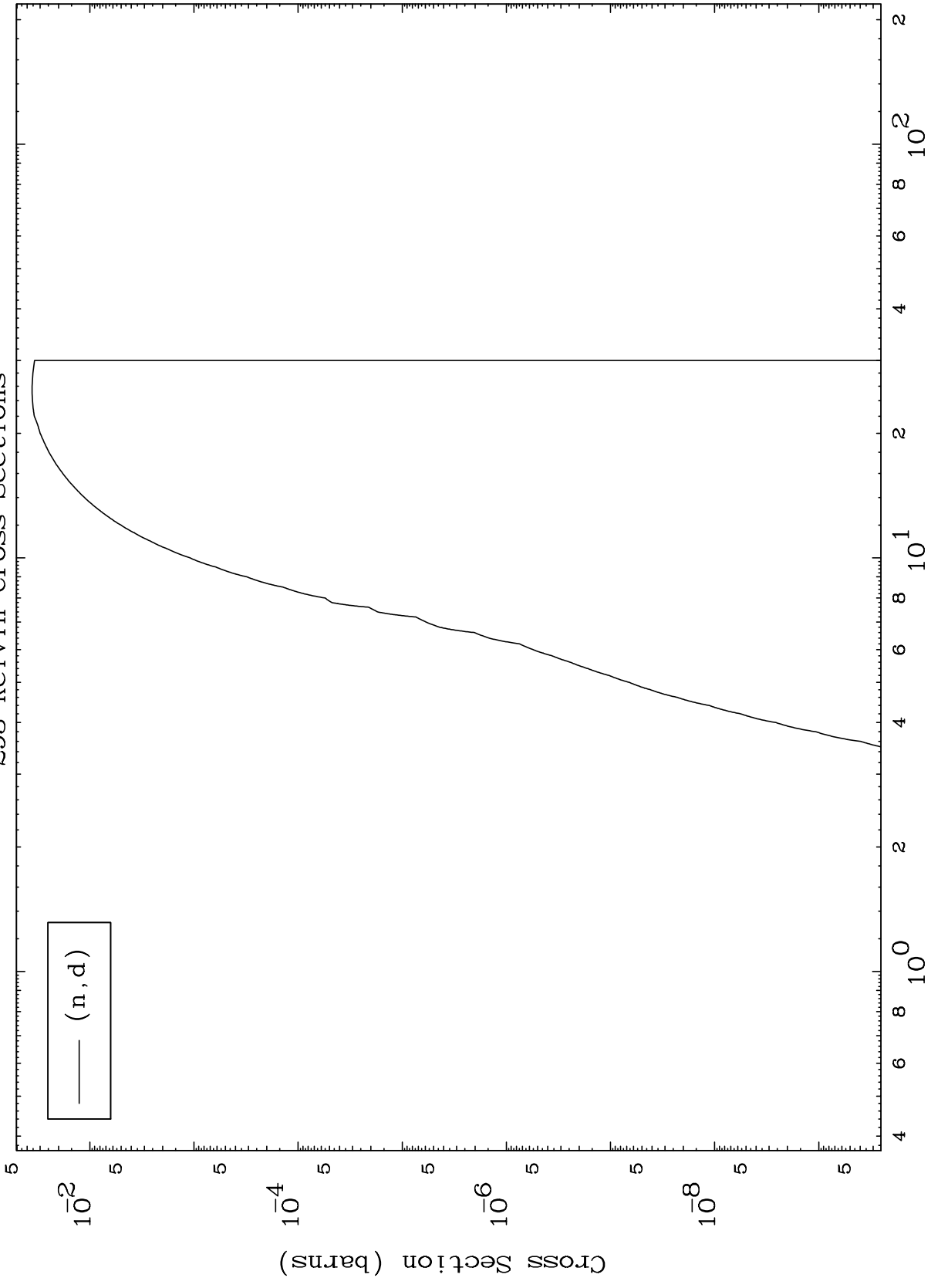
Incident Energy (MeV)

61-Pm-138

MAT 6123

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-138



11

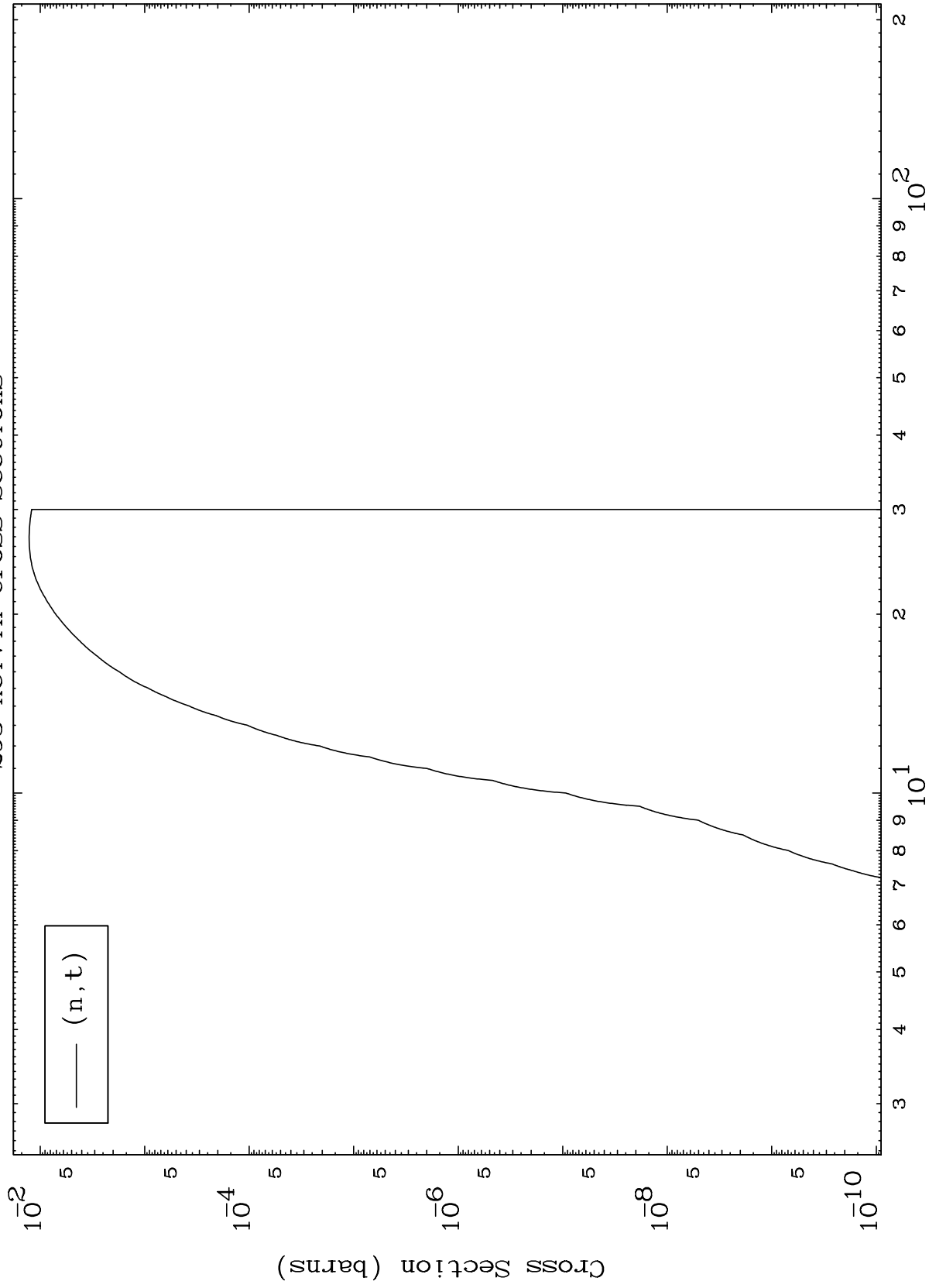
Incident Energy (MeV)

61-Pm-138

MAT 6123

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-138



12

Incident Energy (MeV)

61-Pm-138

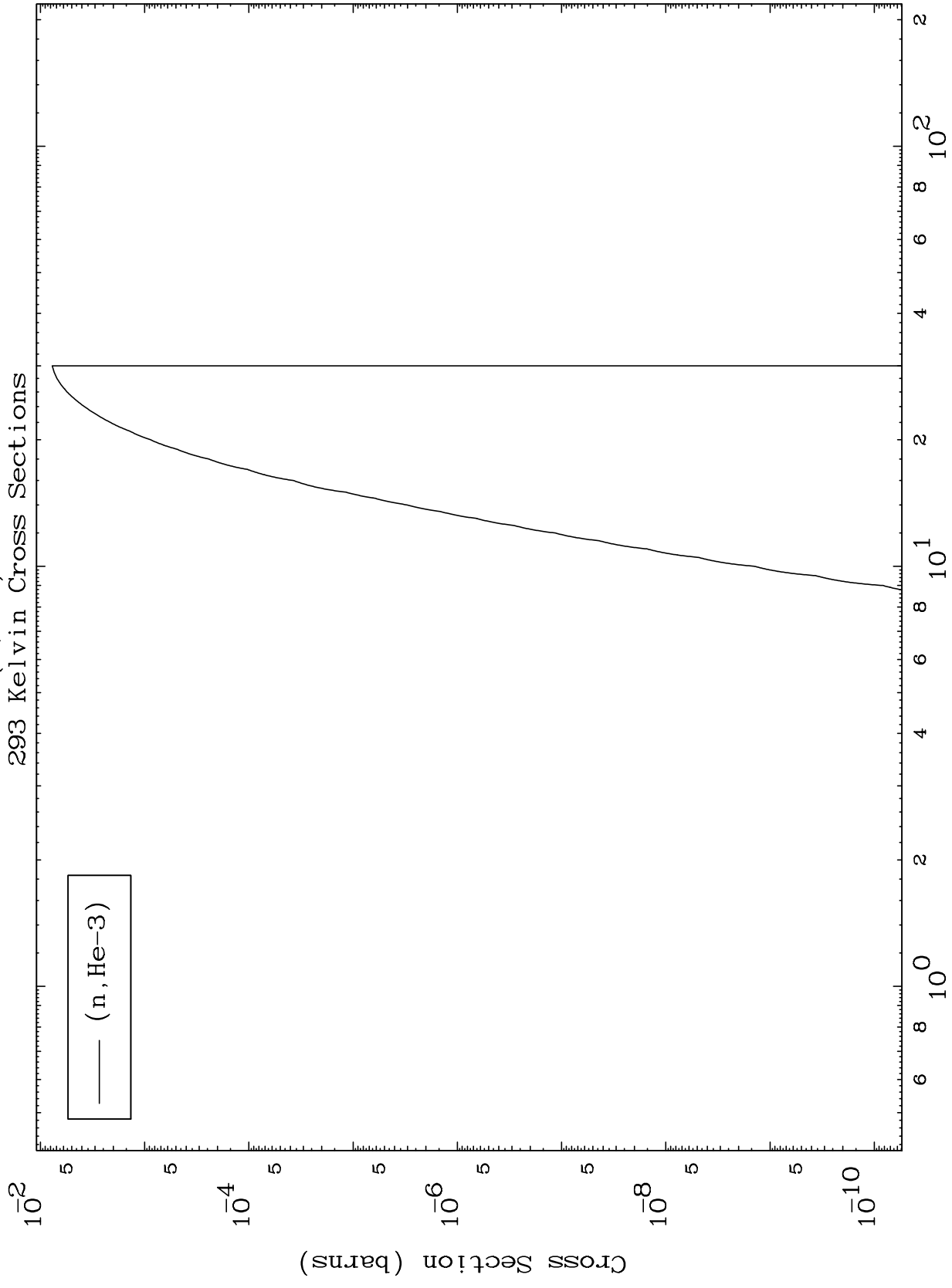
MAT 6123

(n,He3) Levels

61-Pm-138

293 Kelvin Cross Sections

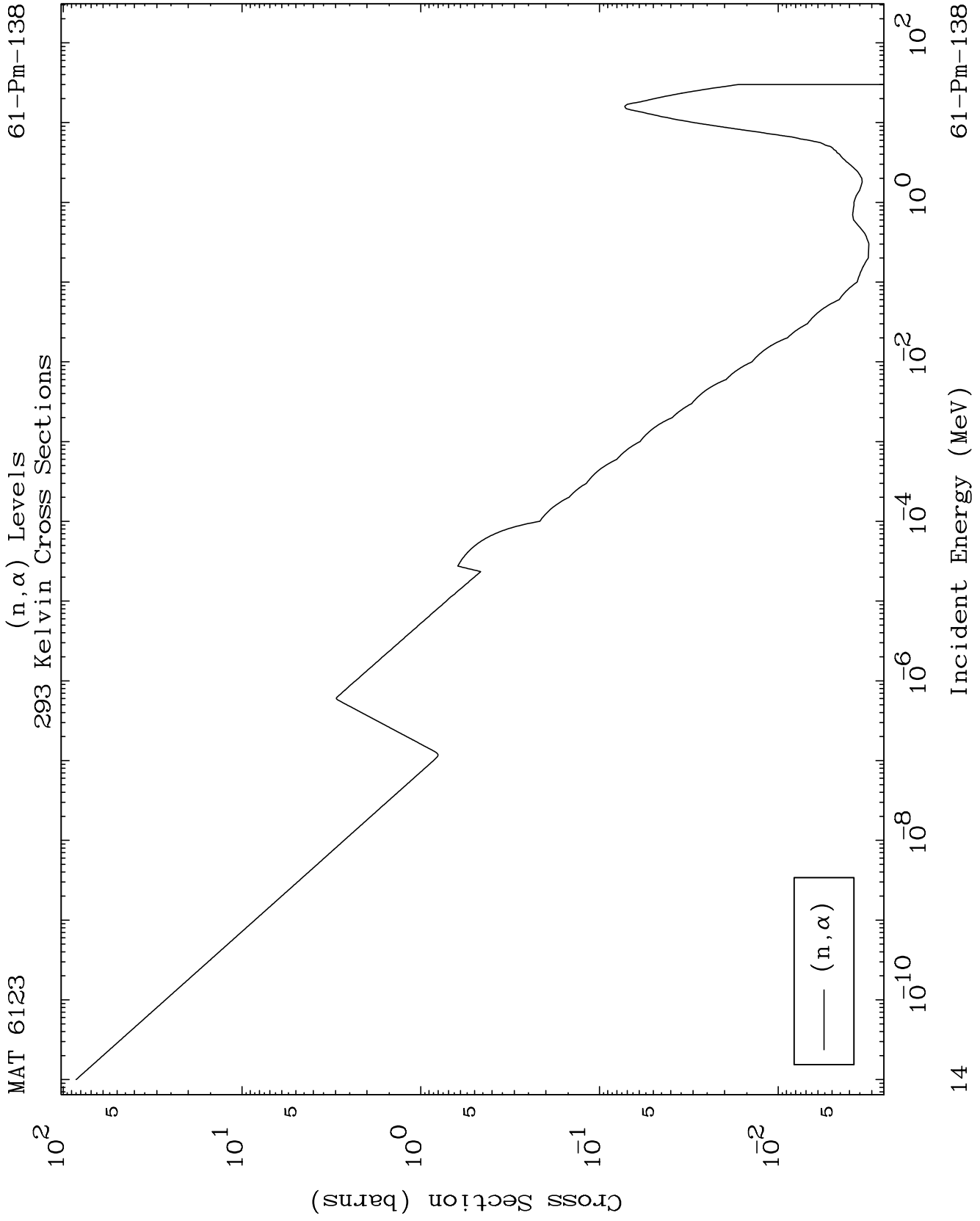
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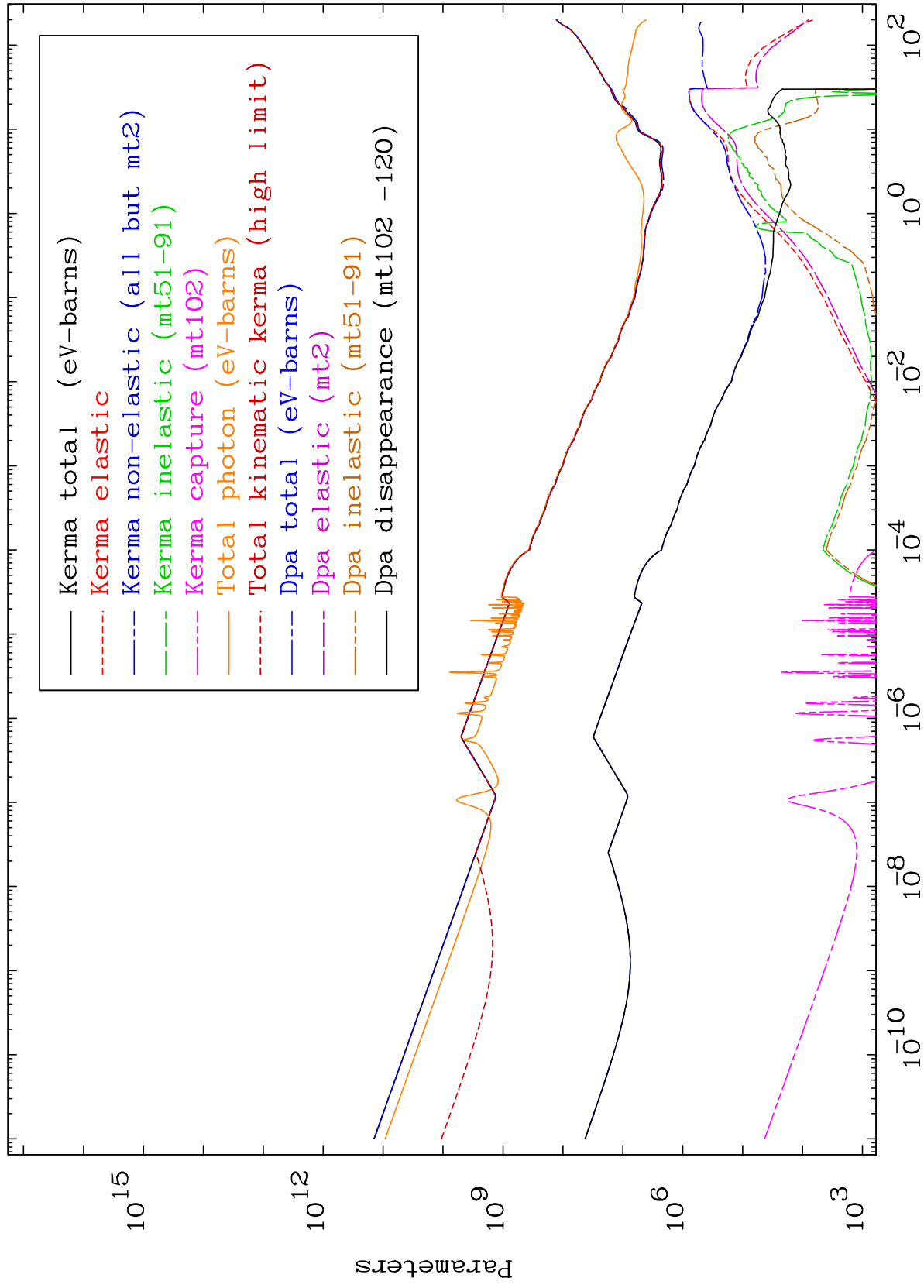


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Incident Energy (MeV)

61-Pm-138



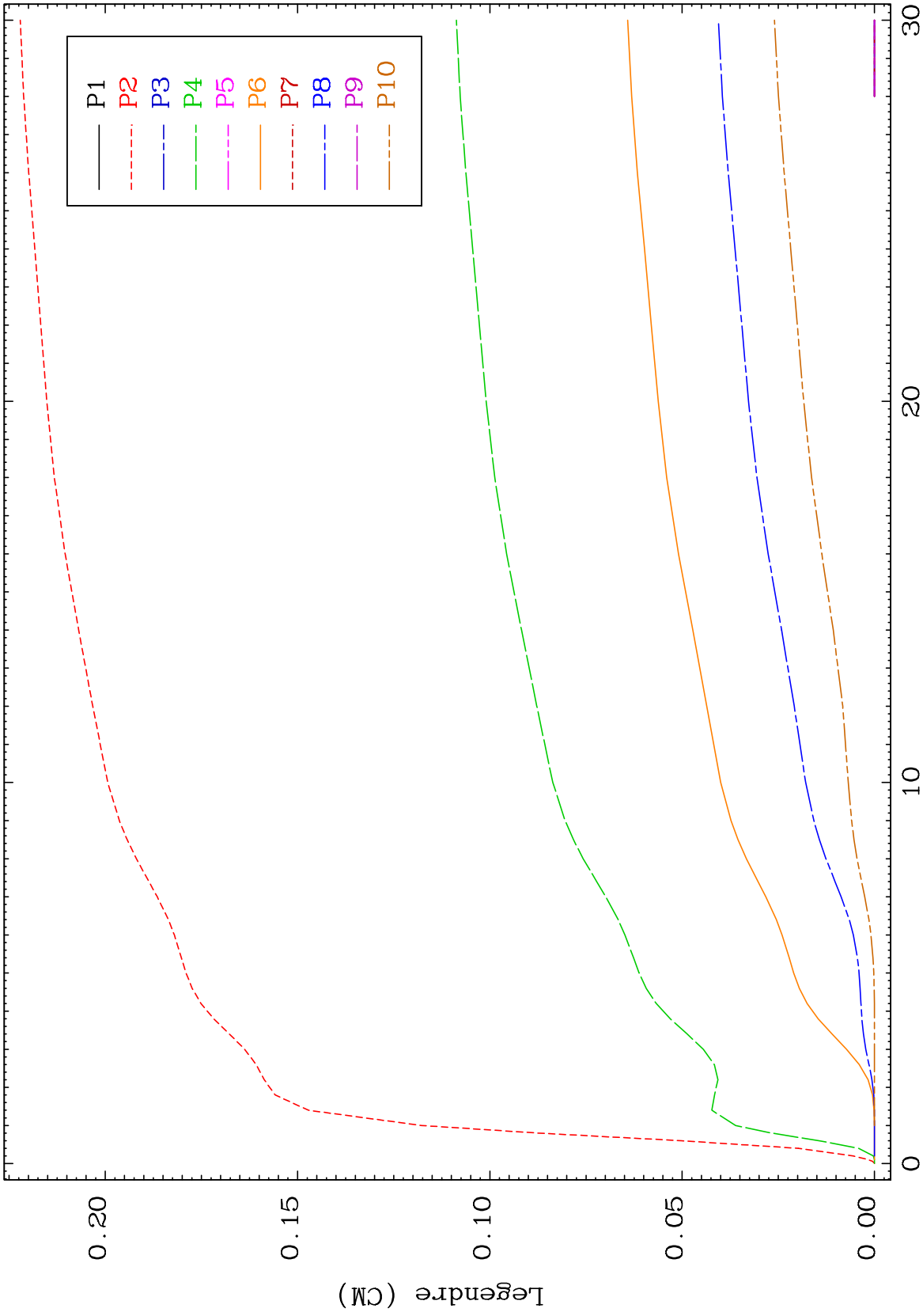




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Elastic Legendre Coefficients

61-Pm-138



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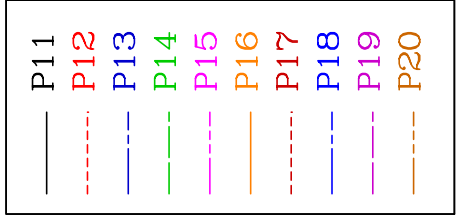
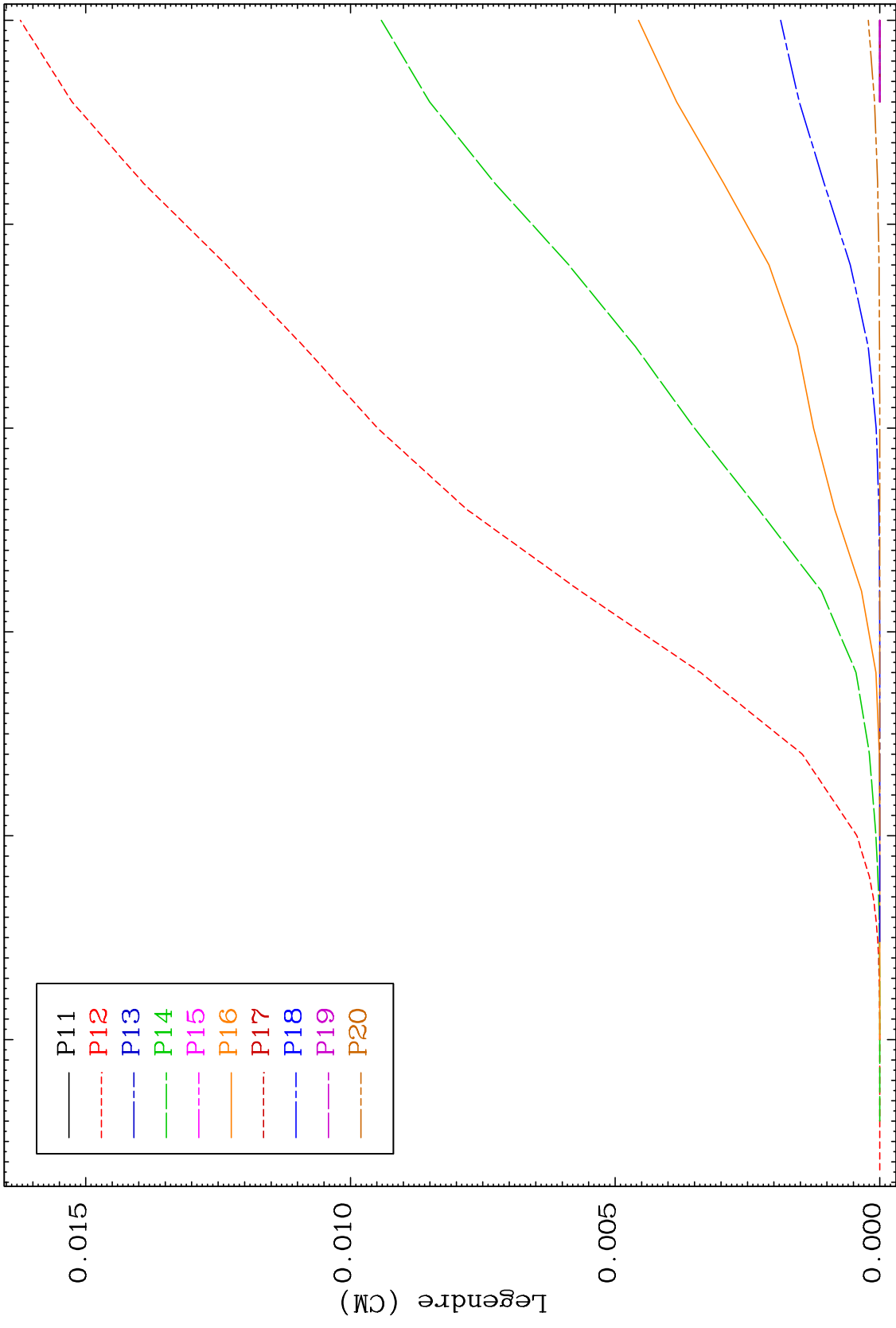
Incident Energy (MeV)

61-Pm-138

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Elastic Legendre Coefficients

61-Pm-138



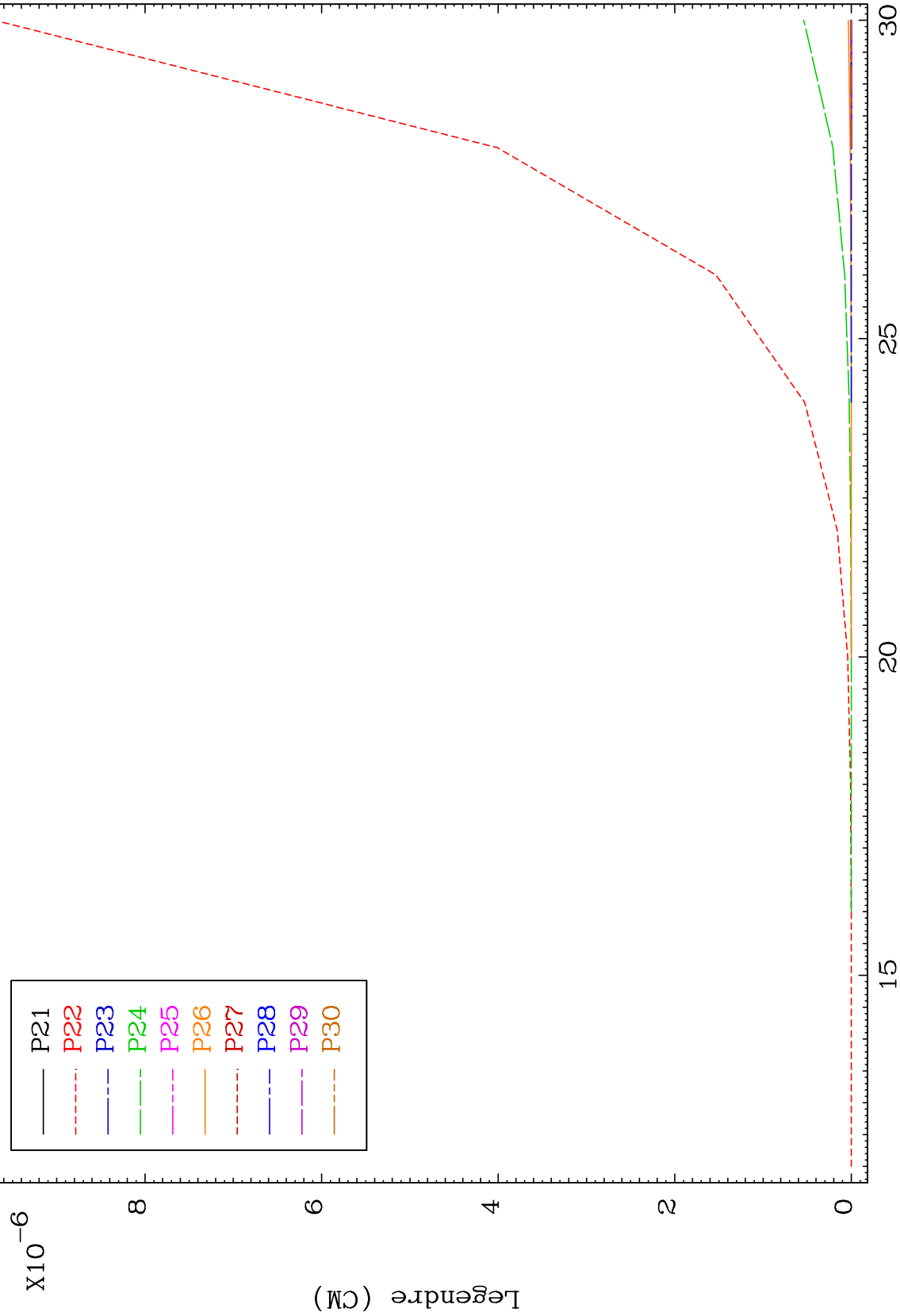
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Elastic Legendre Coefficients

61-Pm-138



18

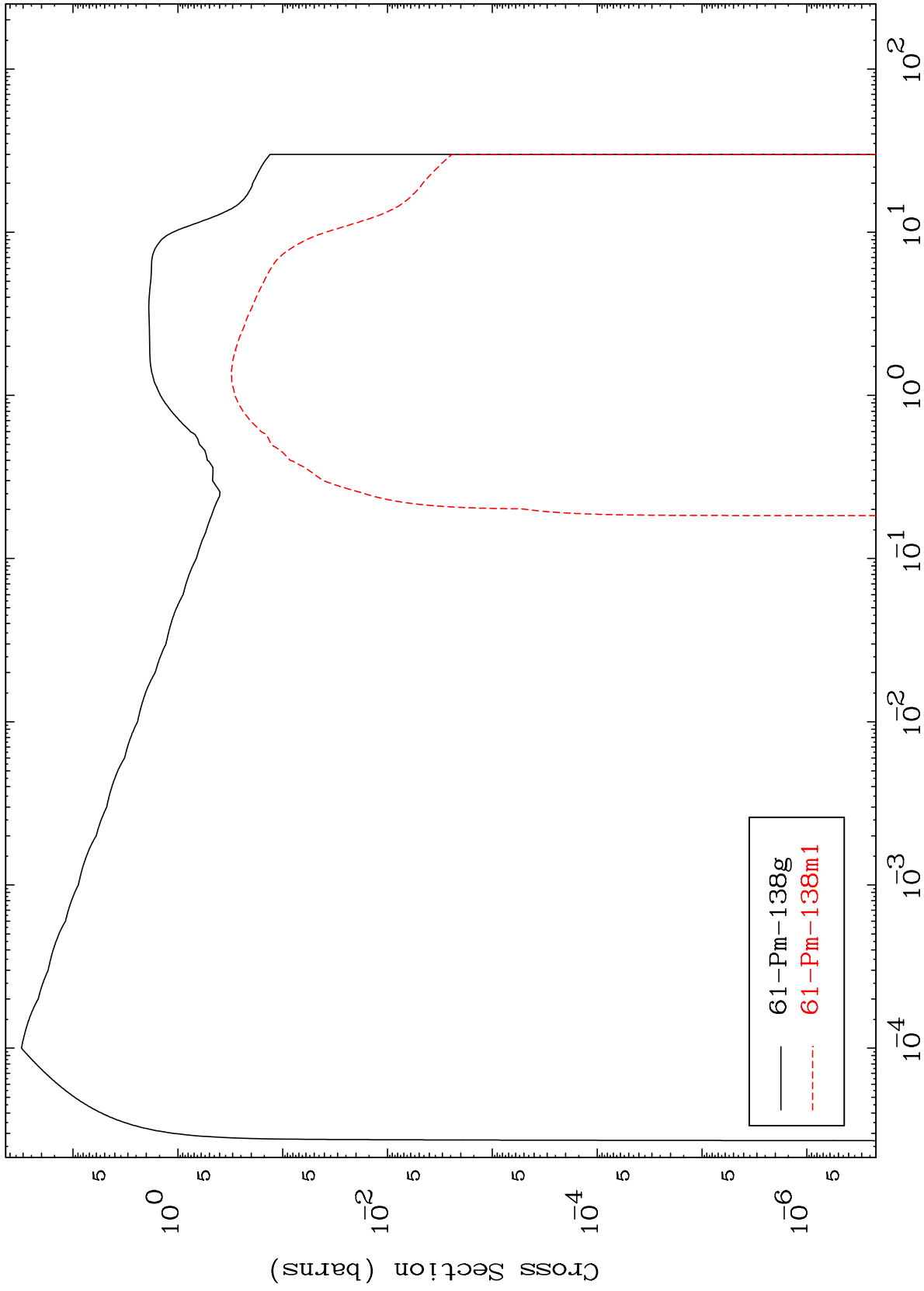
Incident Energy (MeV)

61-Pm-138

MAT 6123

Inelastic  
Radionuclide Production Cross Section

61-Pm-138

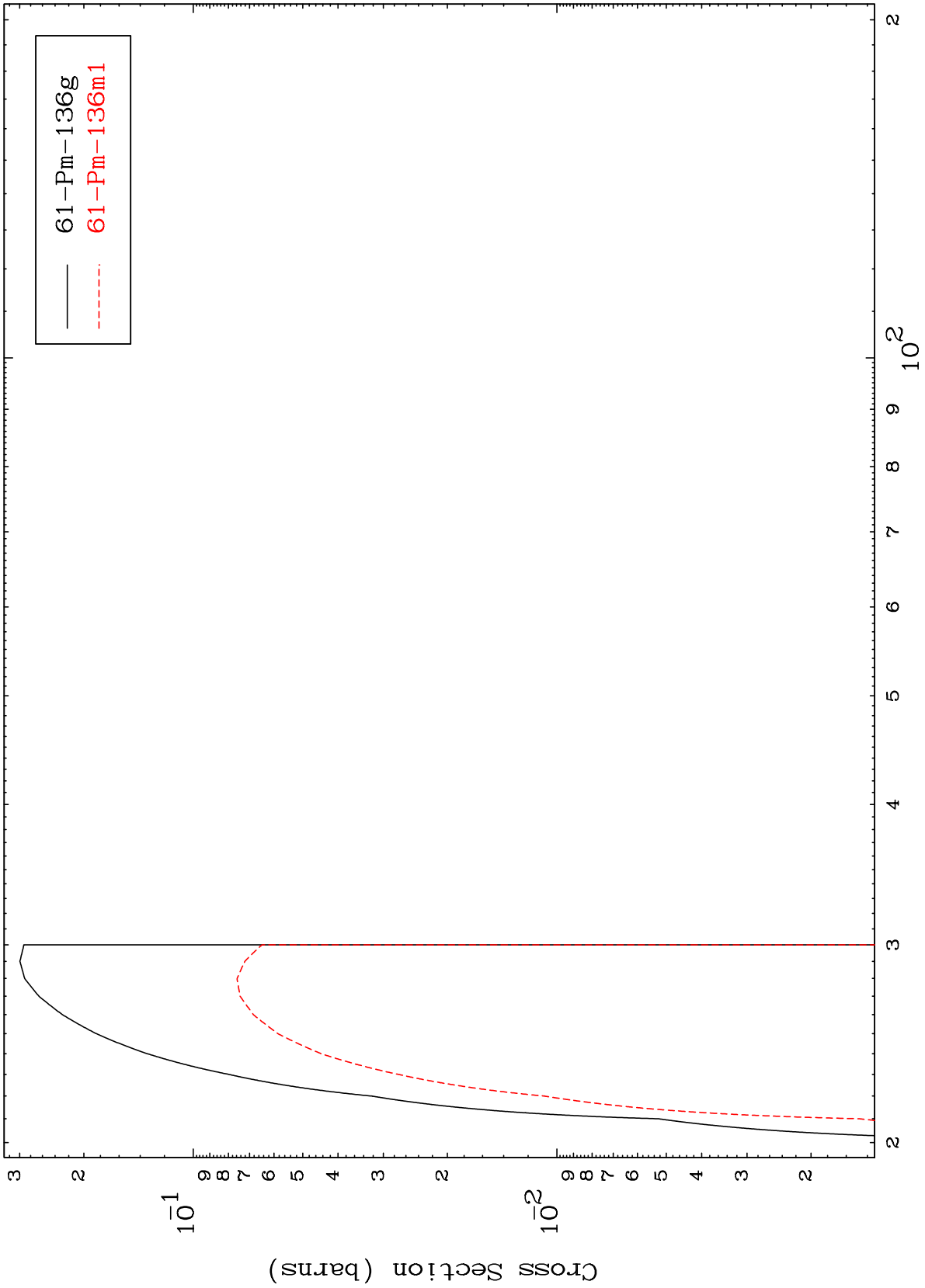


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(n,3n)

61-Pm-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

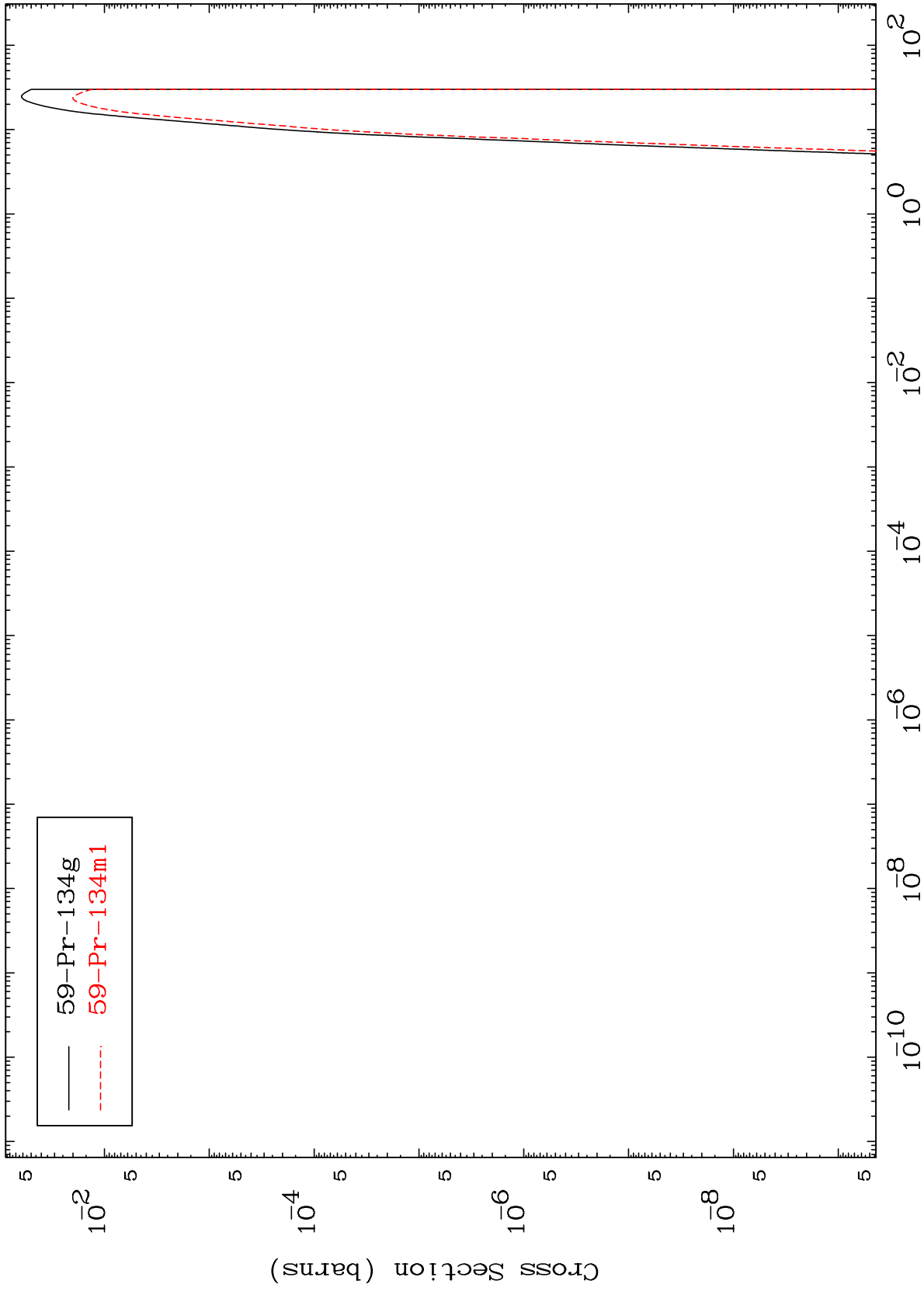
61-Pm-138

MAT 6123

(n,n')  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



21

Incident Energy (MeV)

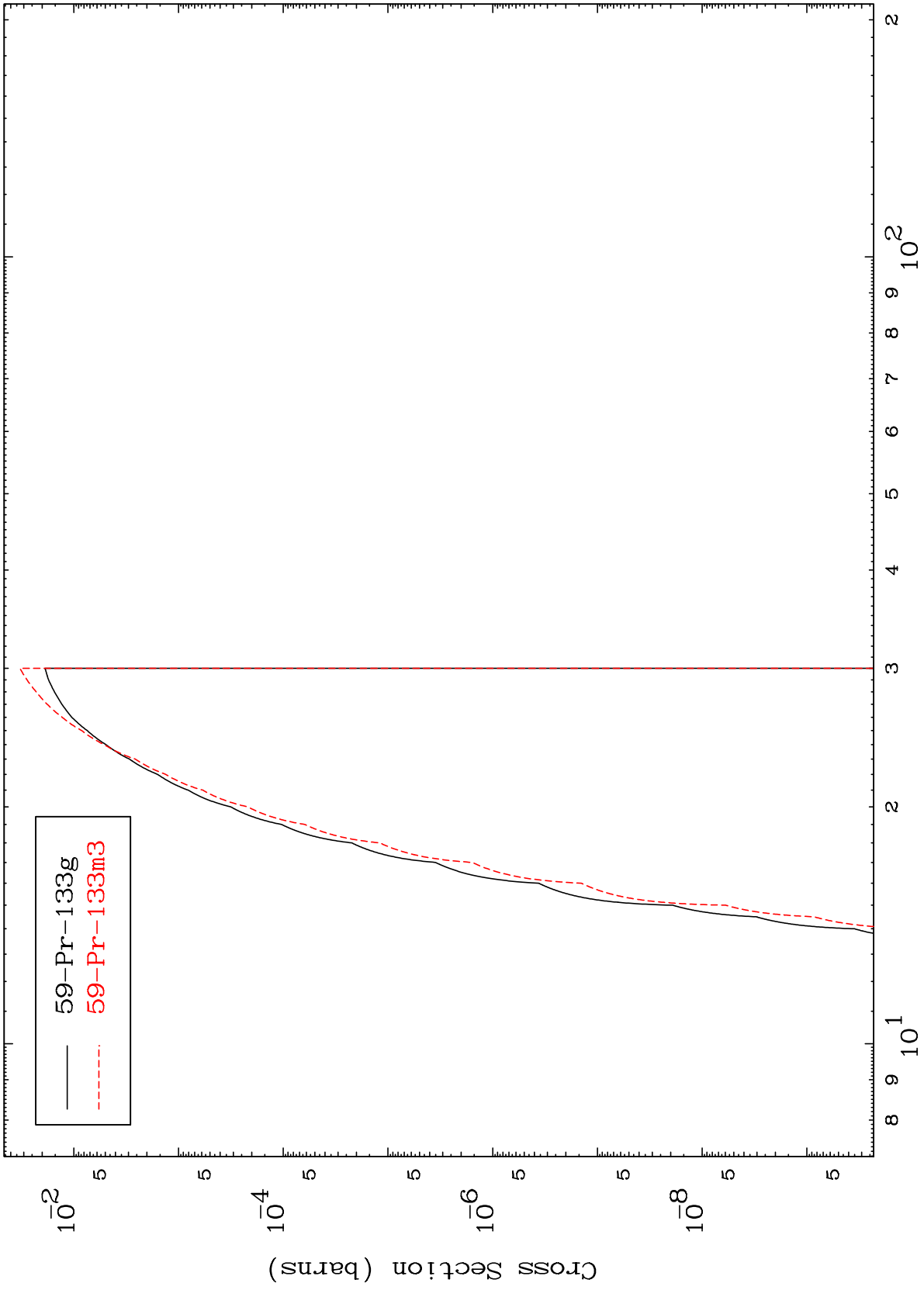
61-Pm-138

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(n,2n)  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



22

Incident Energy (MeV)

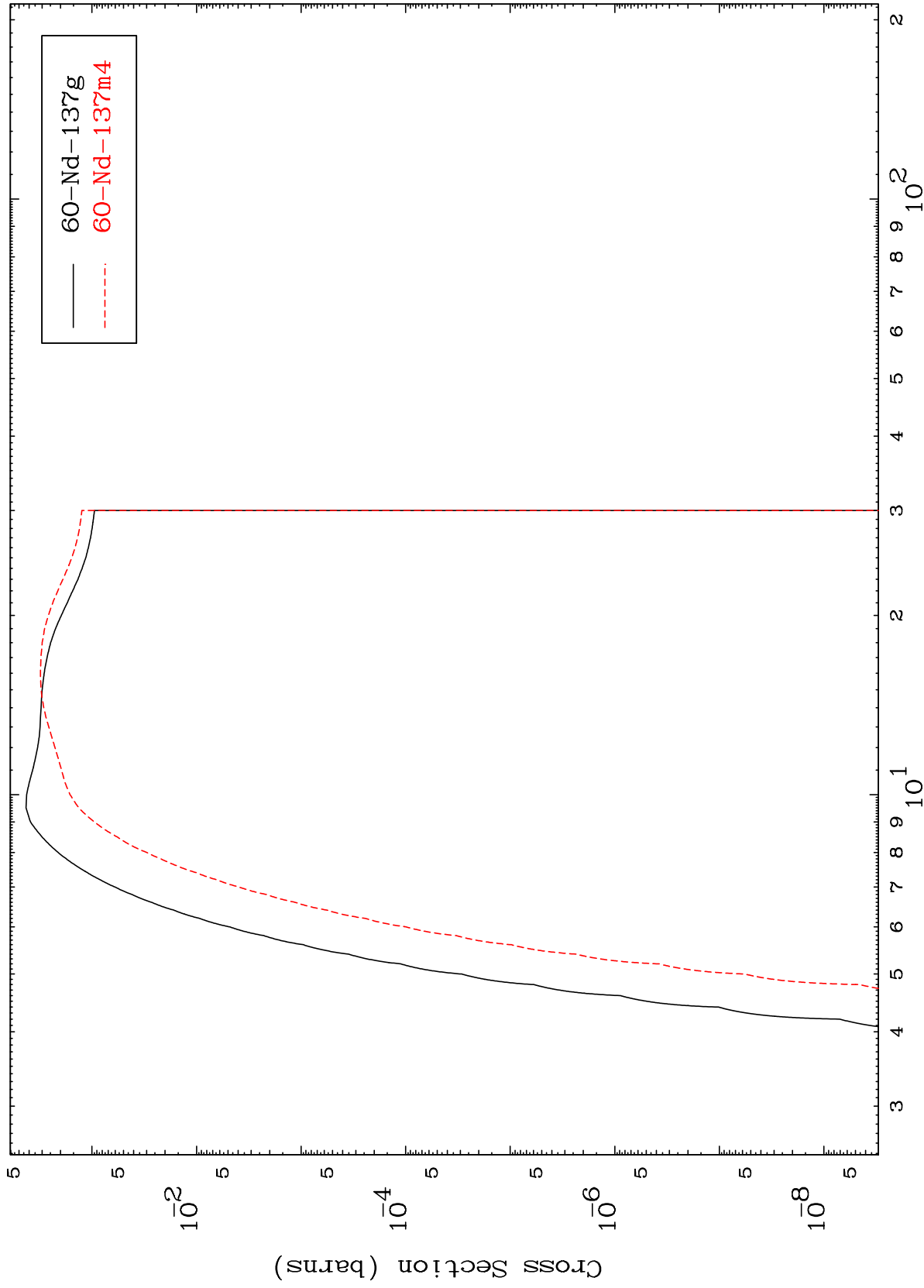
61-Pm-138

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(n, n') p

61-Pm-138

Radionuclide Production Cross Section



23

Incident Energy (MeV)

61-Pm-138

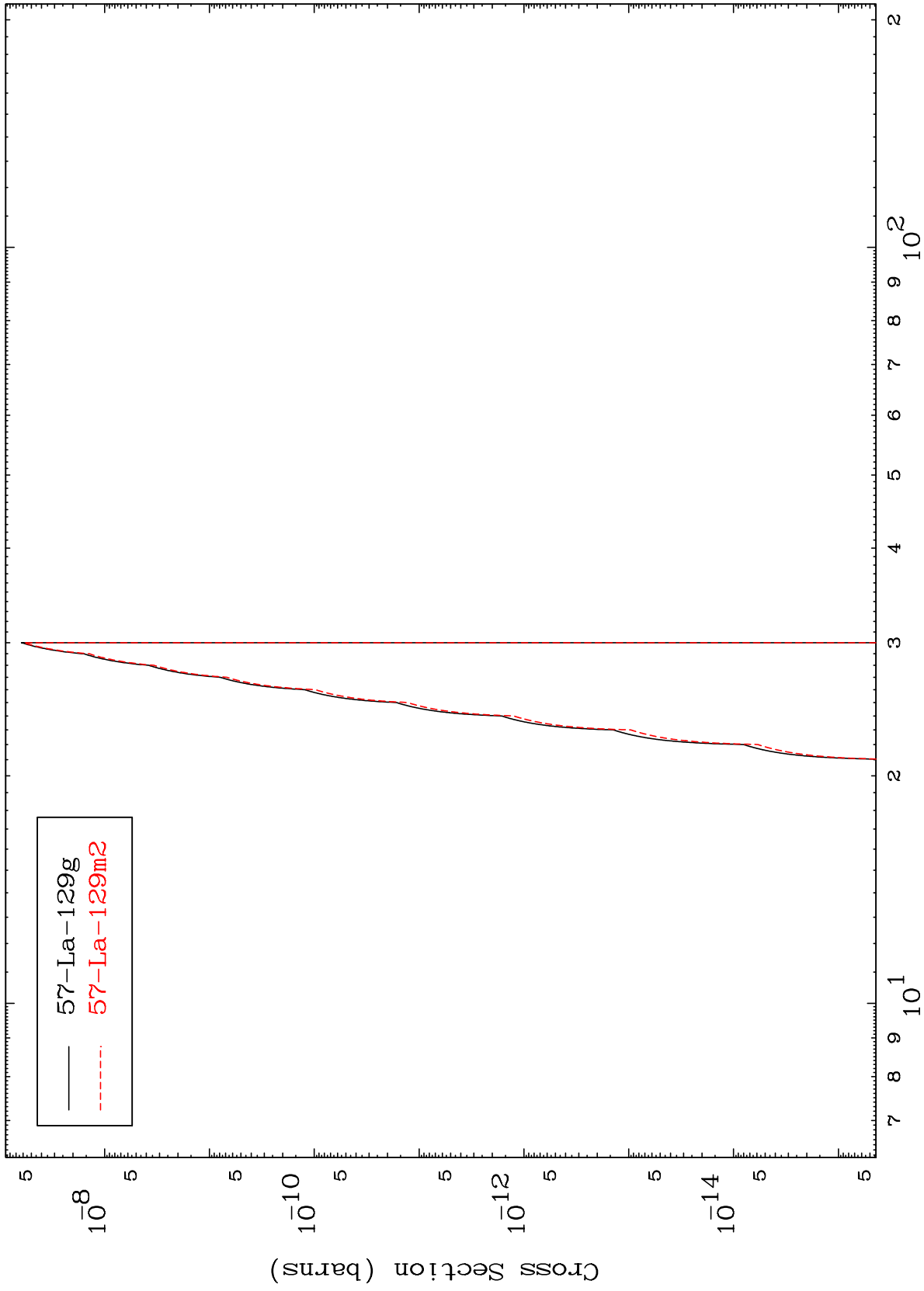


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(n,2n) 2α

61-Pm-138

Radionuclide Production Cross Section



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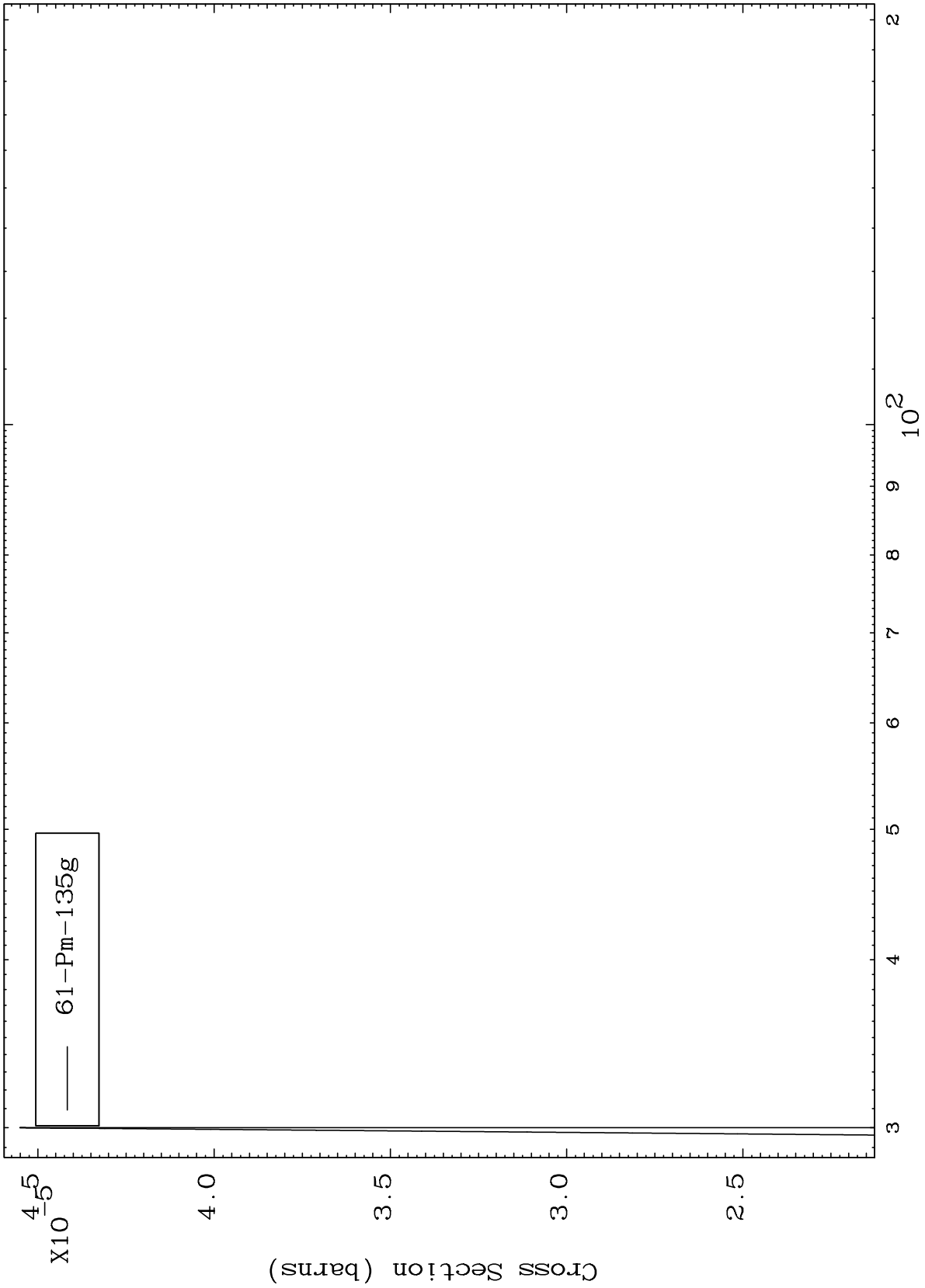
Incident Energy (MeV)

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(n,4n)  
Radionuclide Production Cross Section



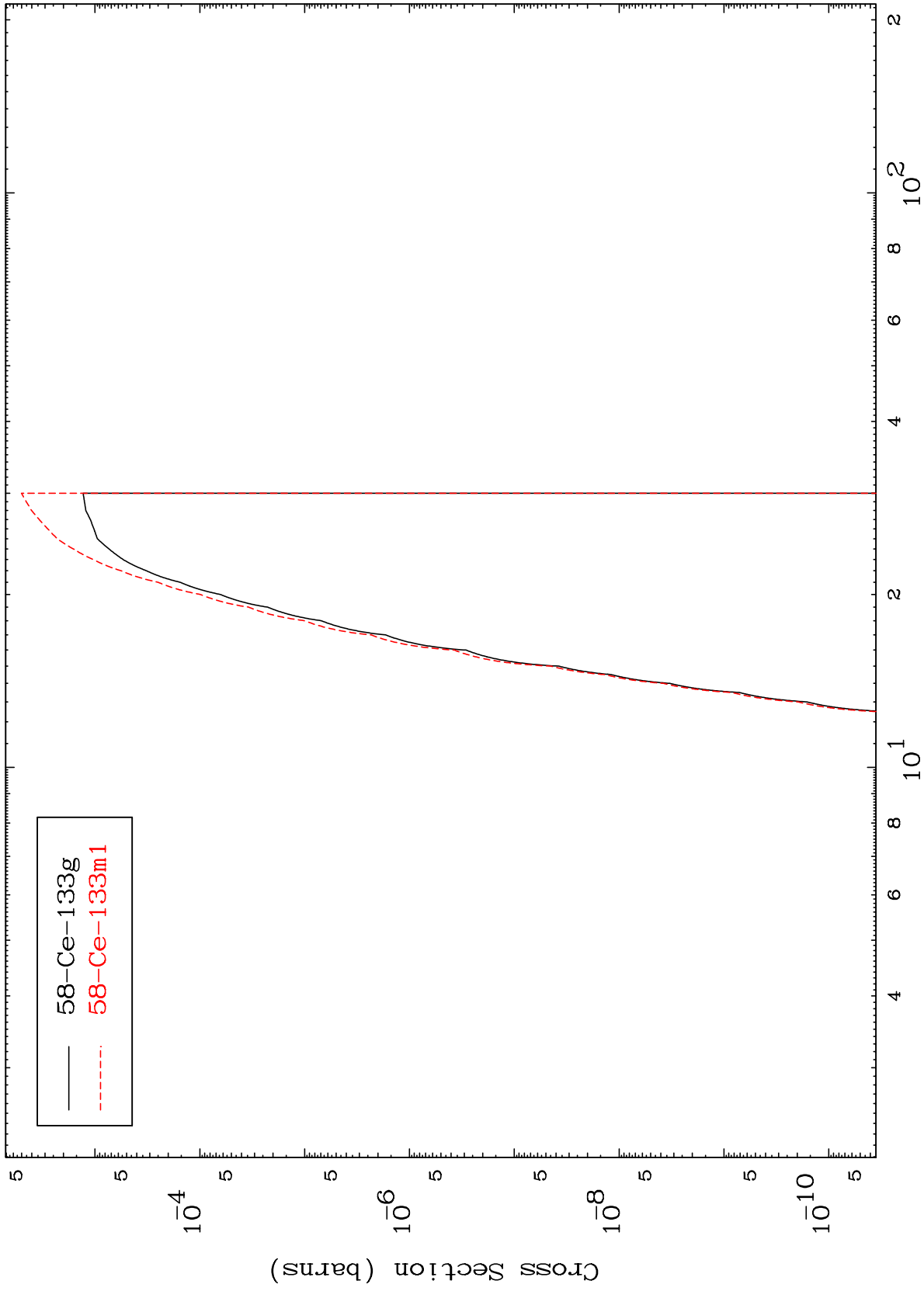
25

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61-Pm-138

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



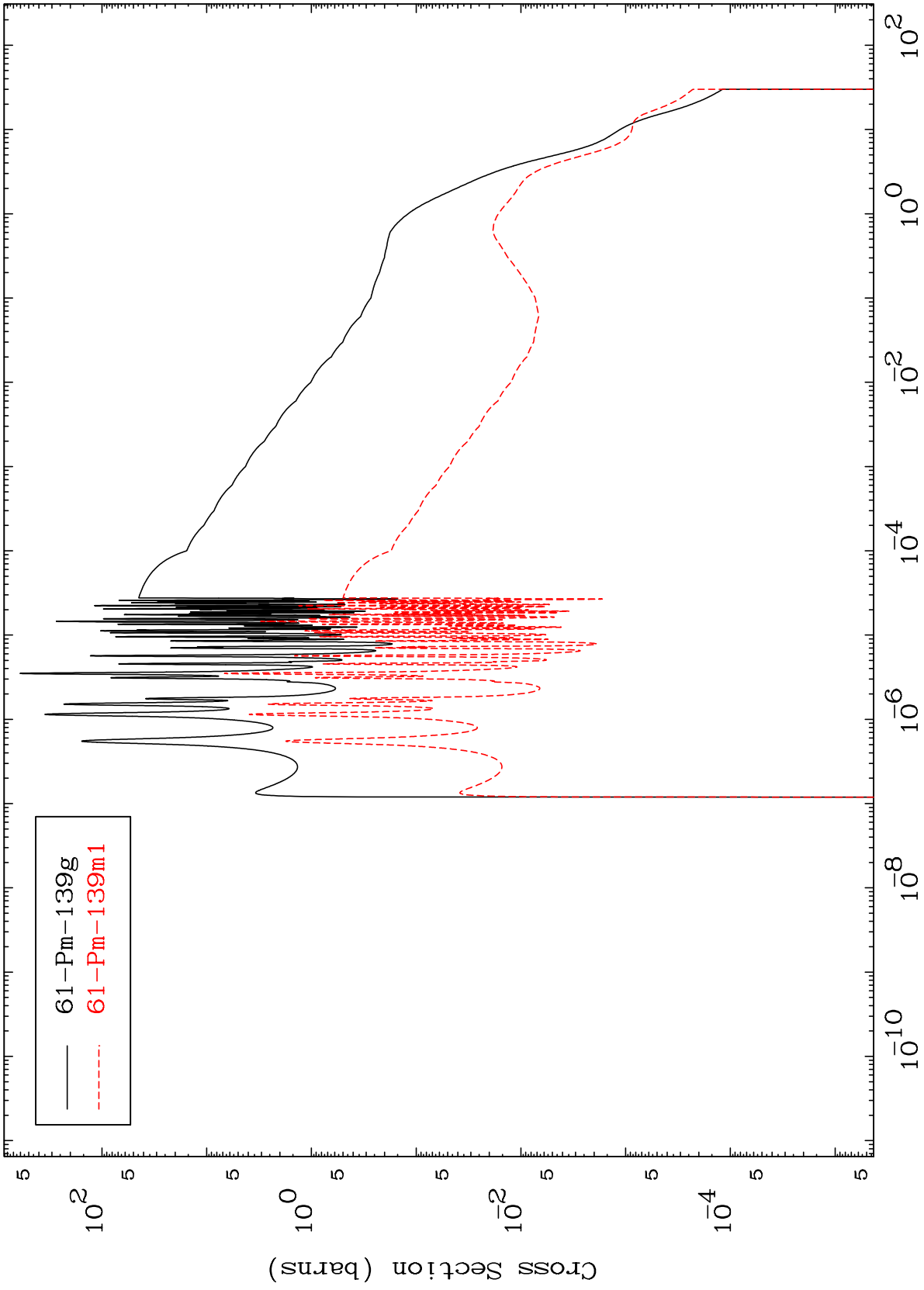
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61-Pm-138

Radionuclide Production Cross Section (n,γ)



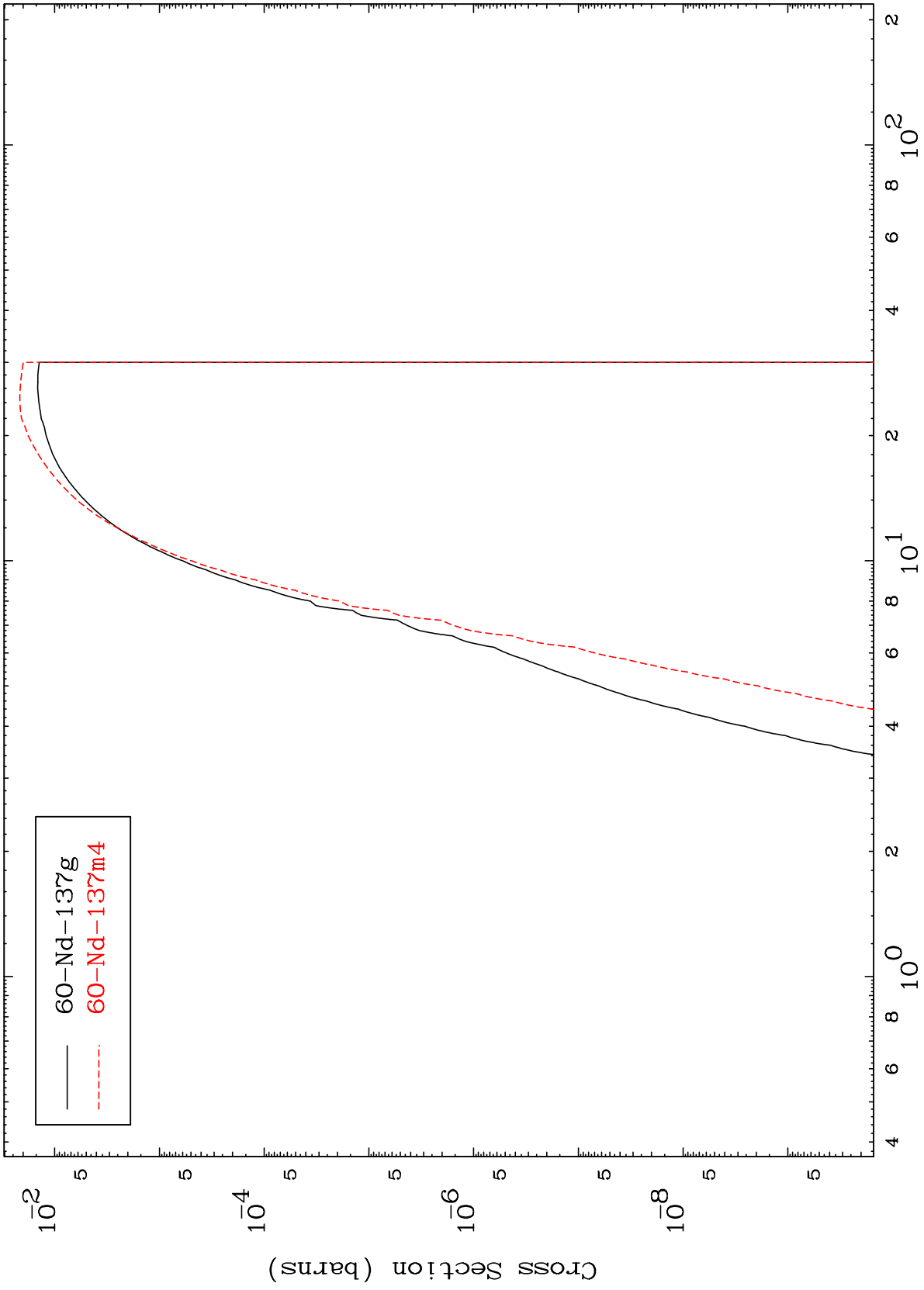
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(n,d)

61-Pm-138

Radionuclide Production Cross Section



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Incident Energy (MeV)

61-Pm-138

MAT 6123

(n,d)  $\alpha$

61-Pm-138

Radionuclide Production Cross Section

