

Program EVALPLOT
(Version 2018-1)

by

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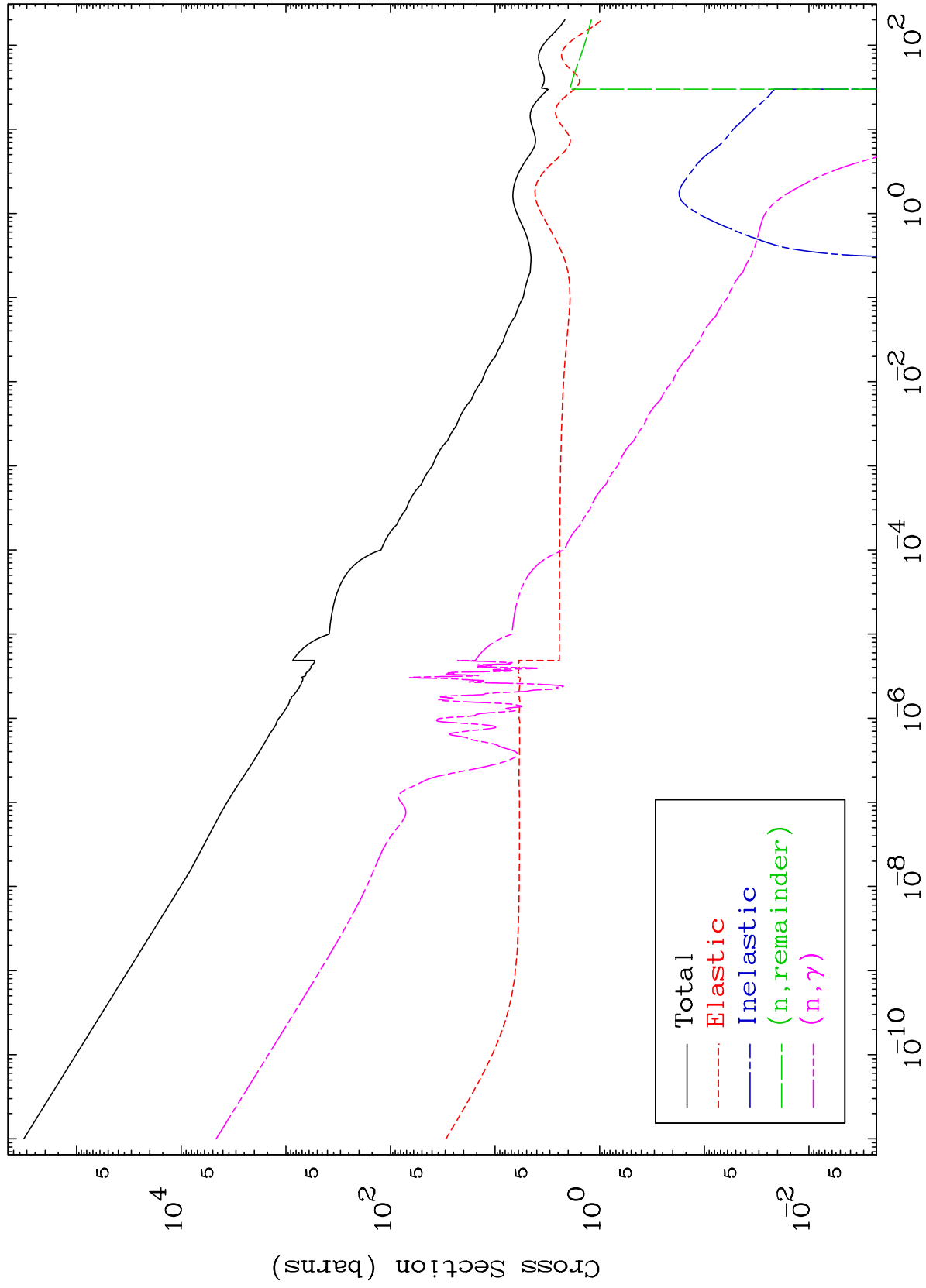
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6101

Major
293 Kelvin Cross Sections

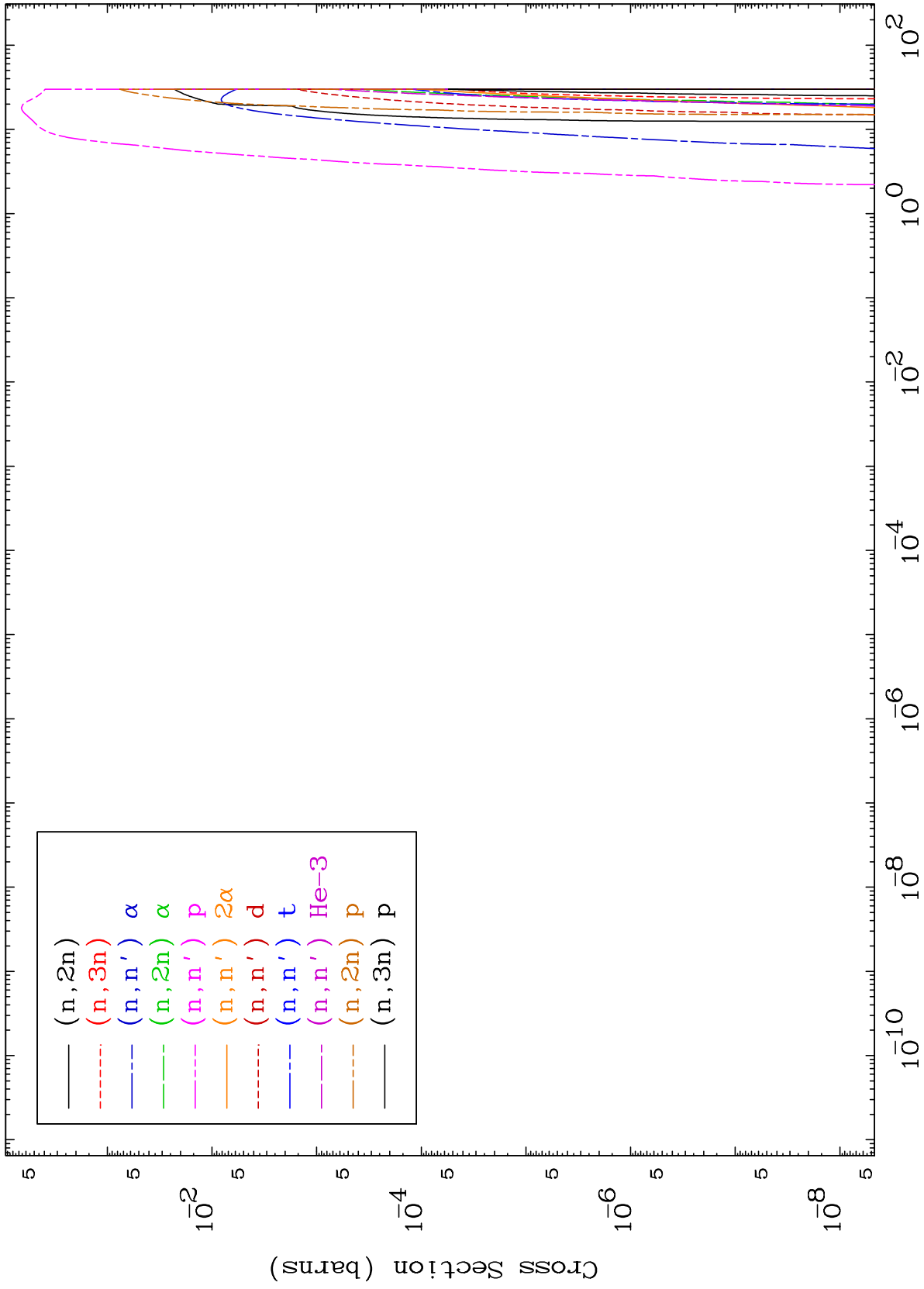
61-Pm-131



MAT 6101

Neutron Production
293 Kelvin Cross Sections

61-Pm-131



2

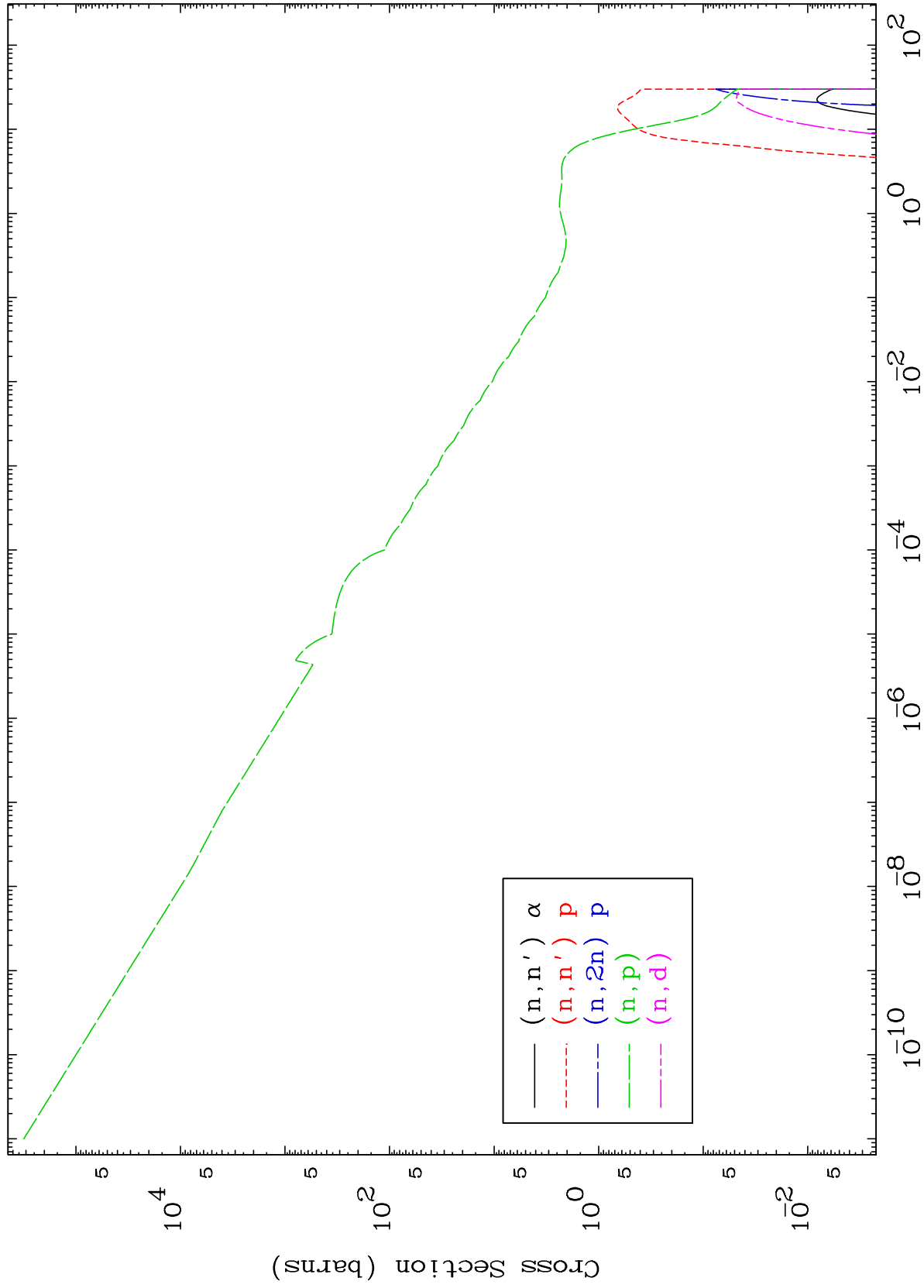
Incident Energy (MeV)

61-Pm-131

MAT 6101

Charged Particle
293 Kelvin Cross Sections

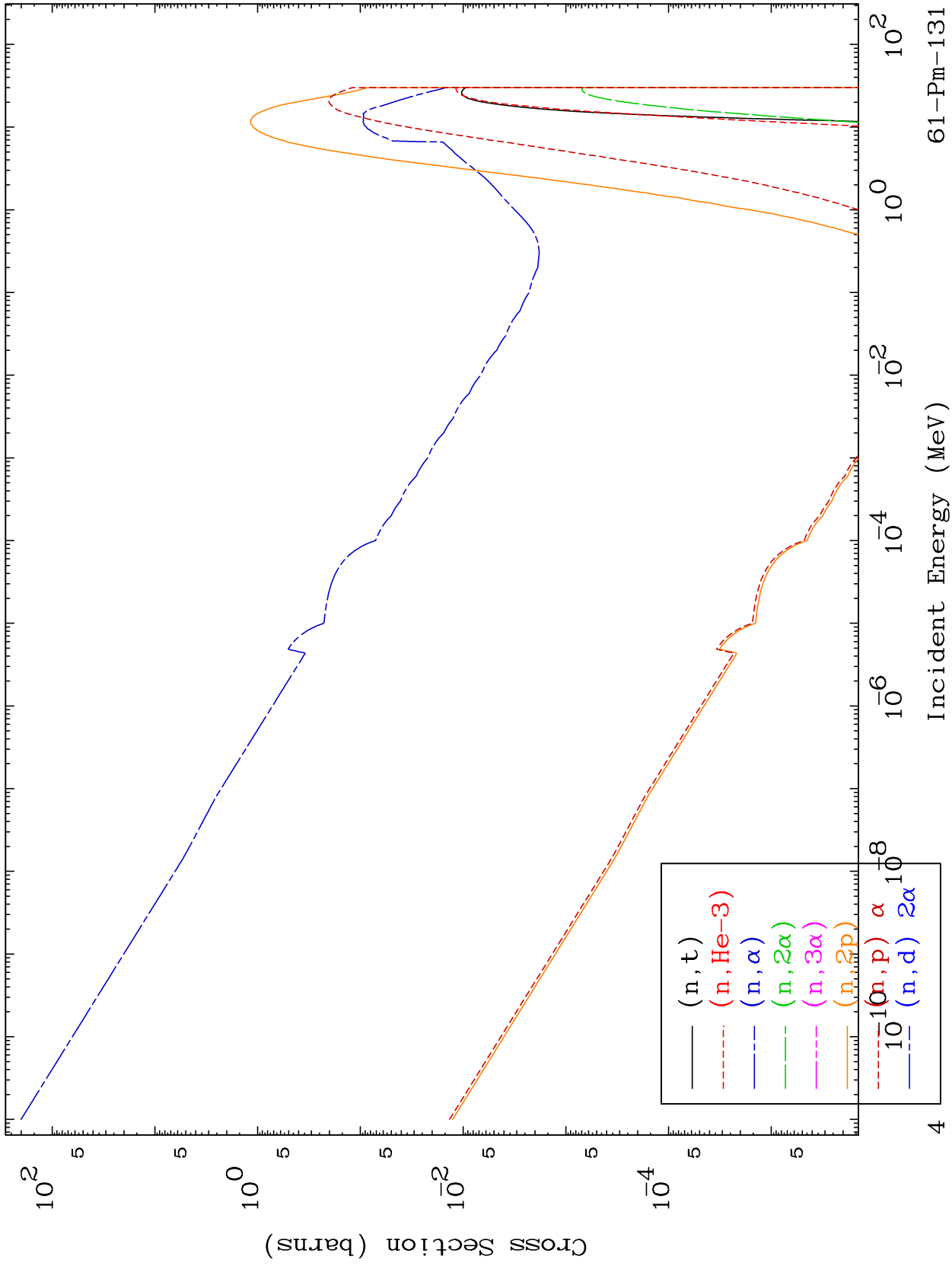
61-Pm-131



MAT 6101

Charged Particle
293 Kelvin Cross Sections

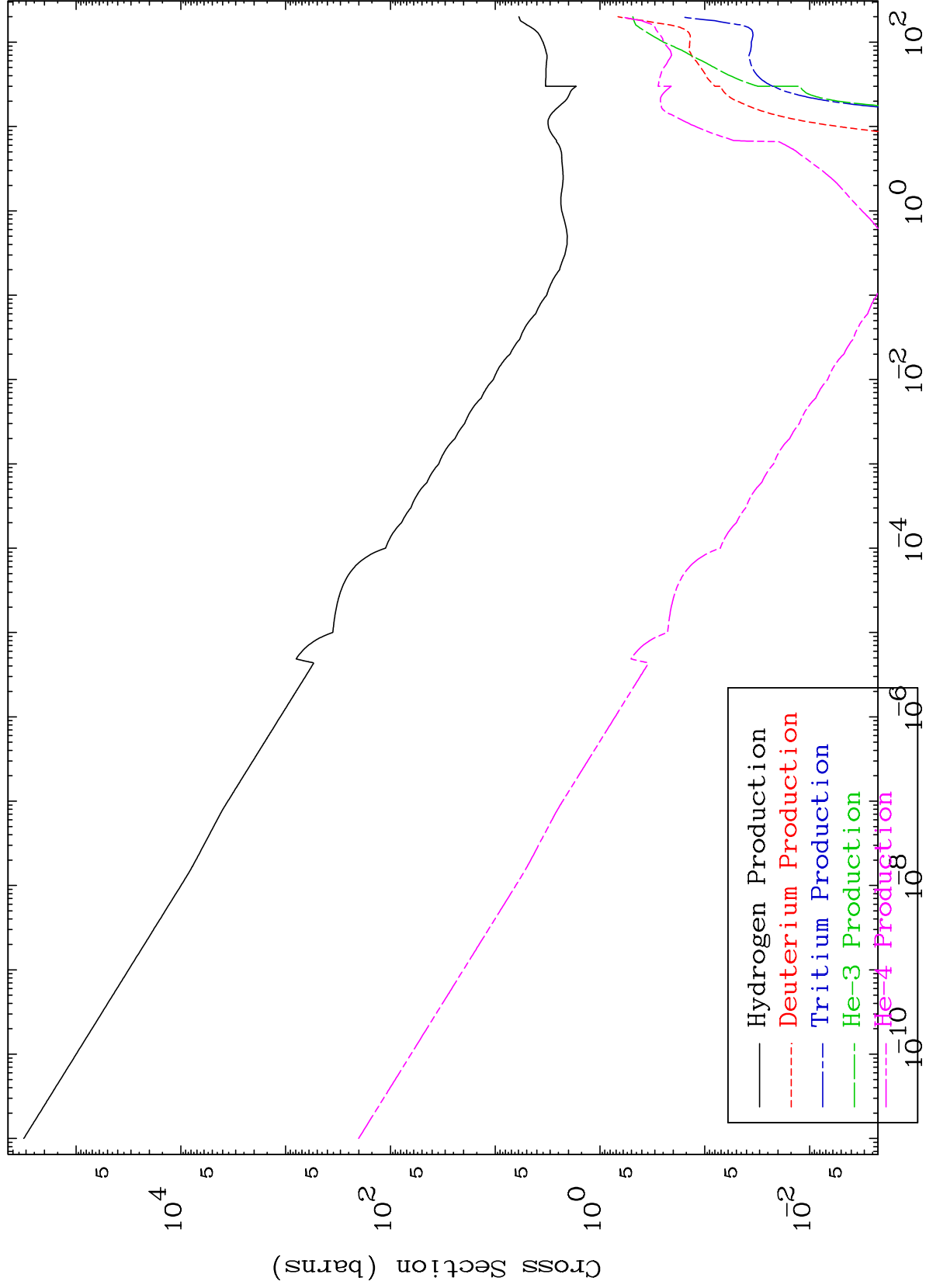
61-Pm-131



MAT 6101

Particle Production
293 Kelvin Cross Sections

61-Pm-131



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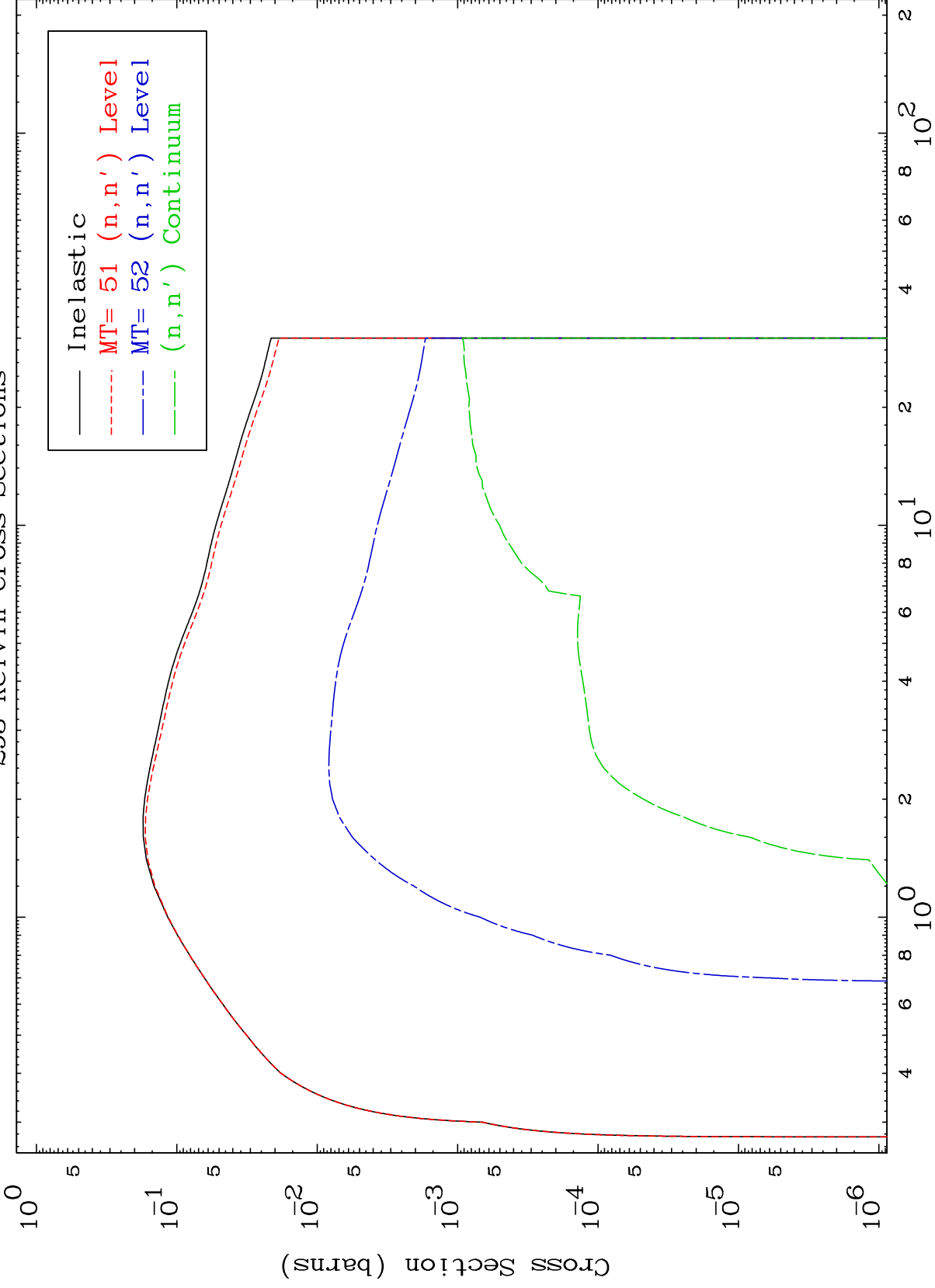
Incident Energy (MeV)

61-Pm-131

MAT 6101

(n,n') Level
293 Kelvin Cross Sections

61-Pm-131



6

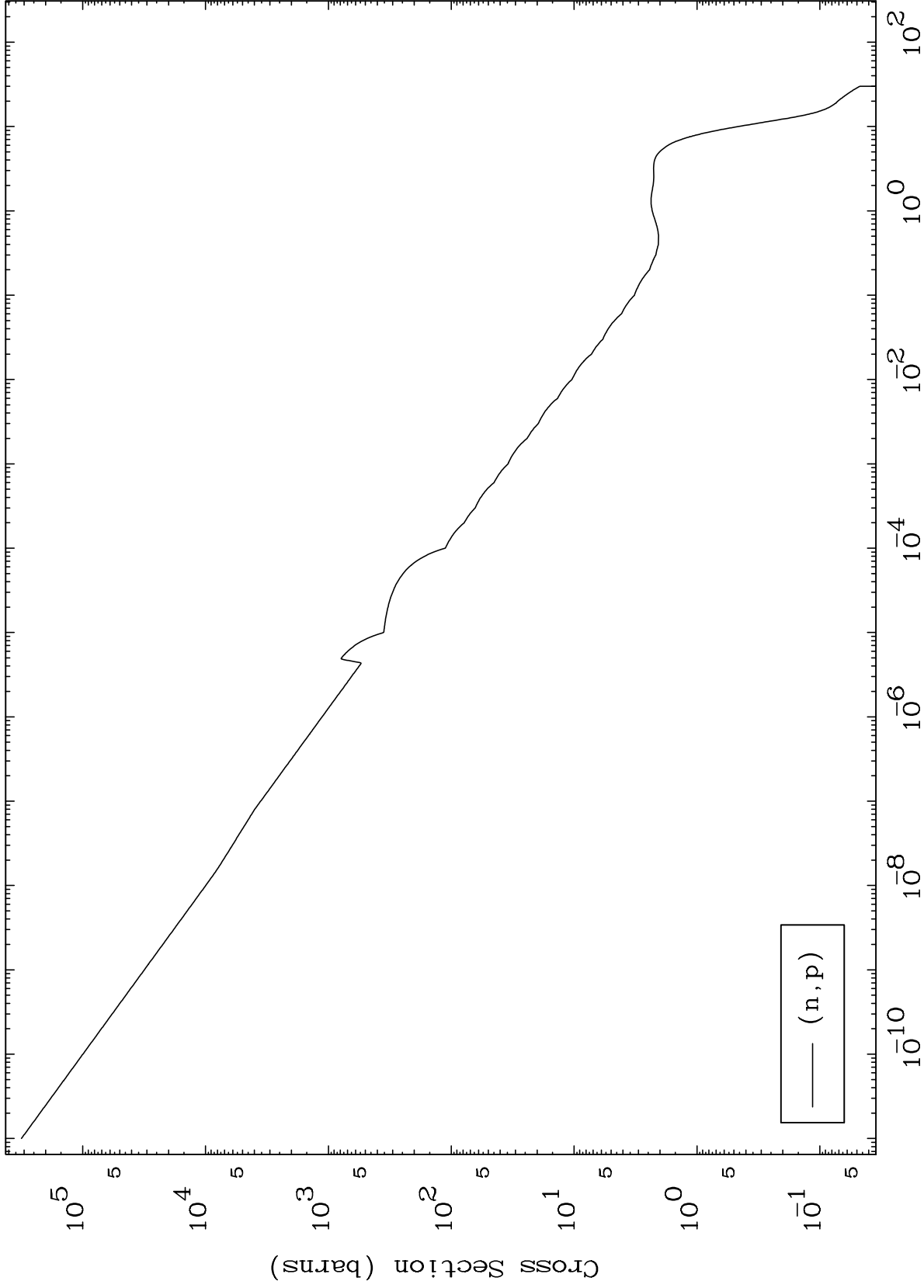
Incident Energy (MeV)

61-Pm-131

MAT 6101

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-131



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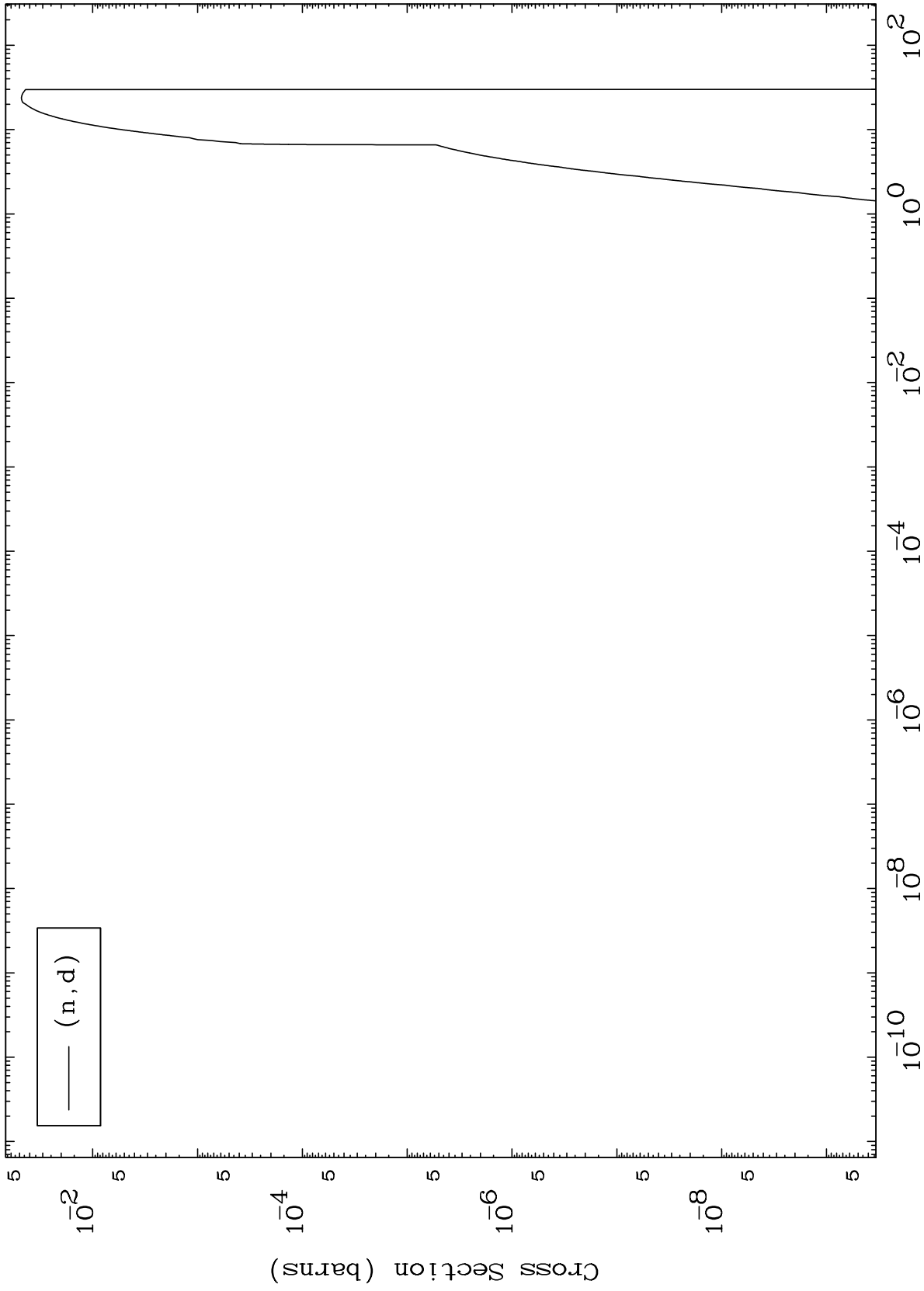
Incident Energy (MeV)

61-Pm-131

MAT 6101

(n,d) Levels
293 Kelvin Cross Sections

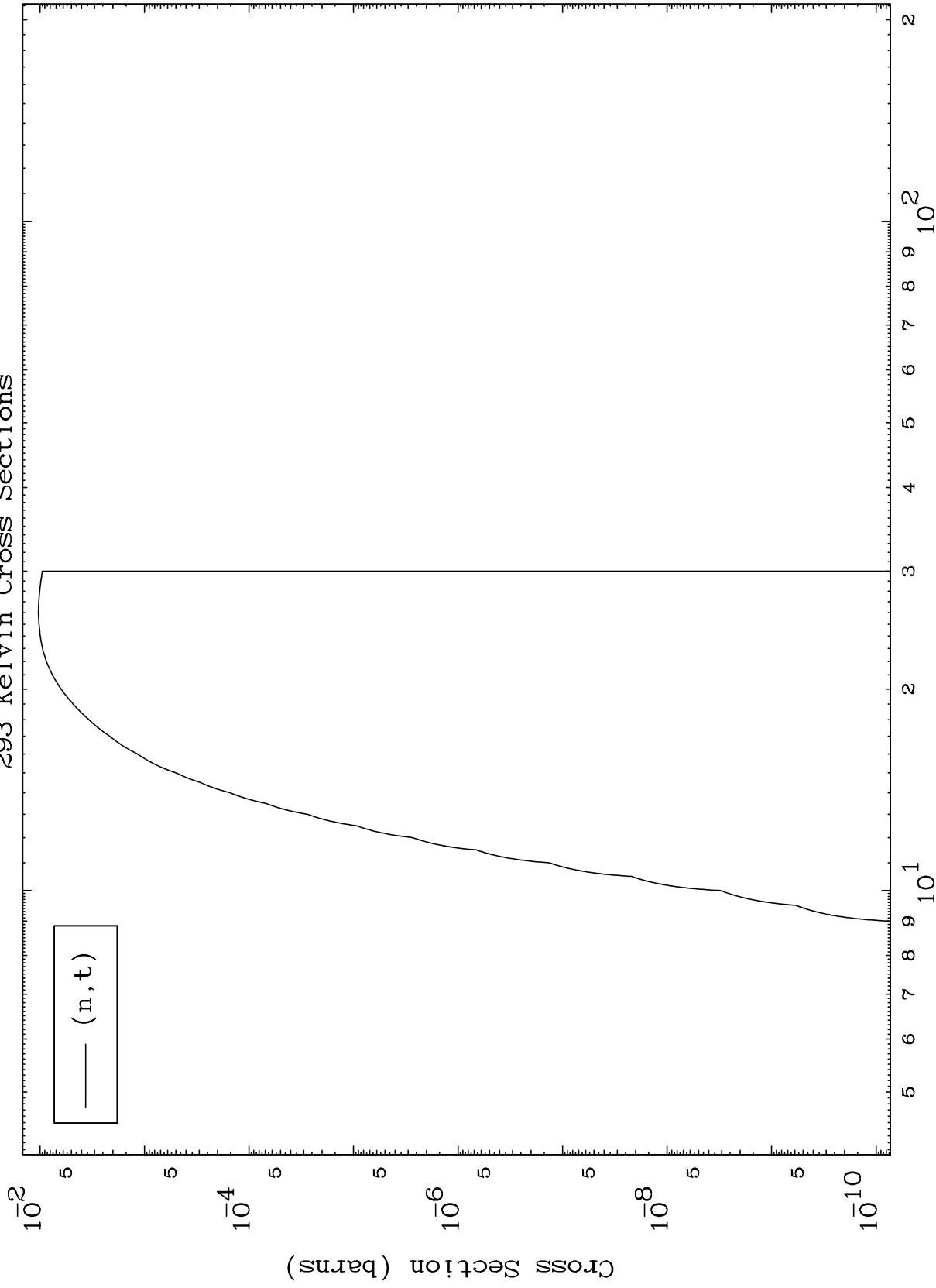
61-Pm-131



MAT 6101

61-Pm-131

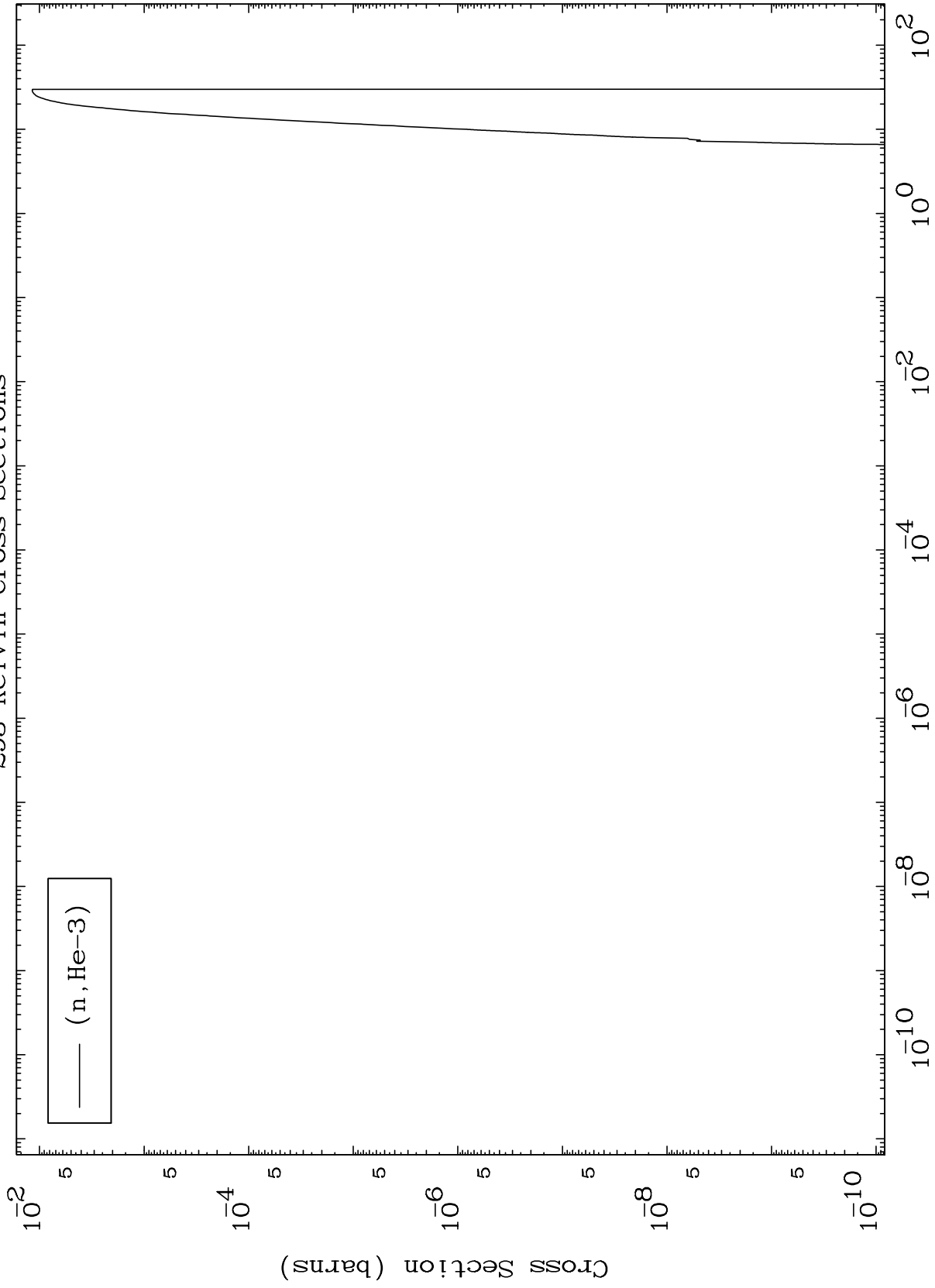
(n,t) Levels
293 Kelvin Cross Sections



MAT 6101

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-131



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Incident Energy (MeV)

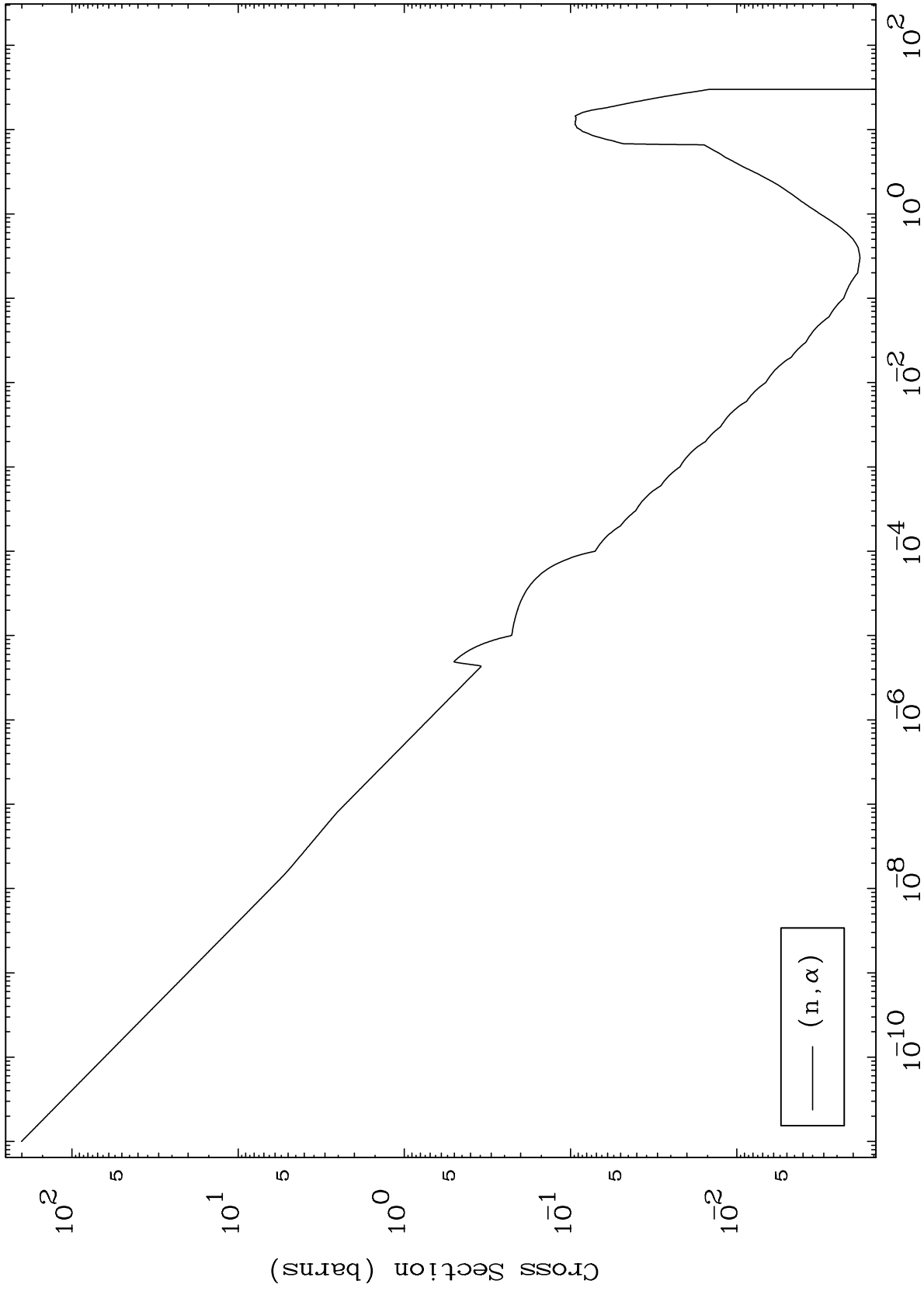
61-Pm-131

(n, He-3)

MAT 6101

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-131

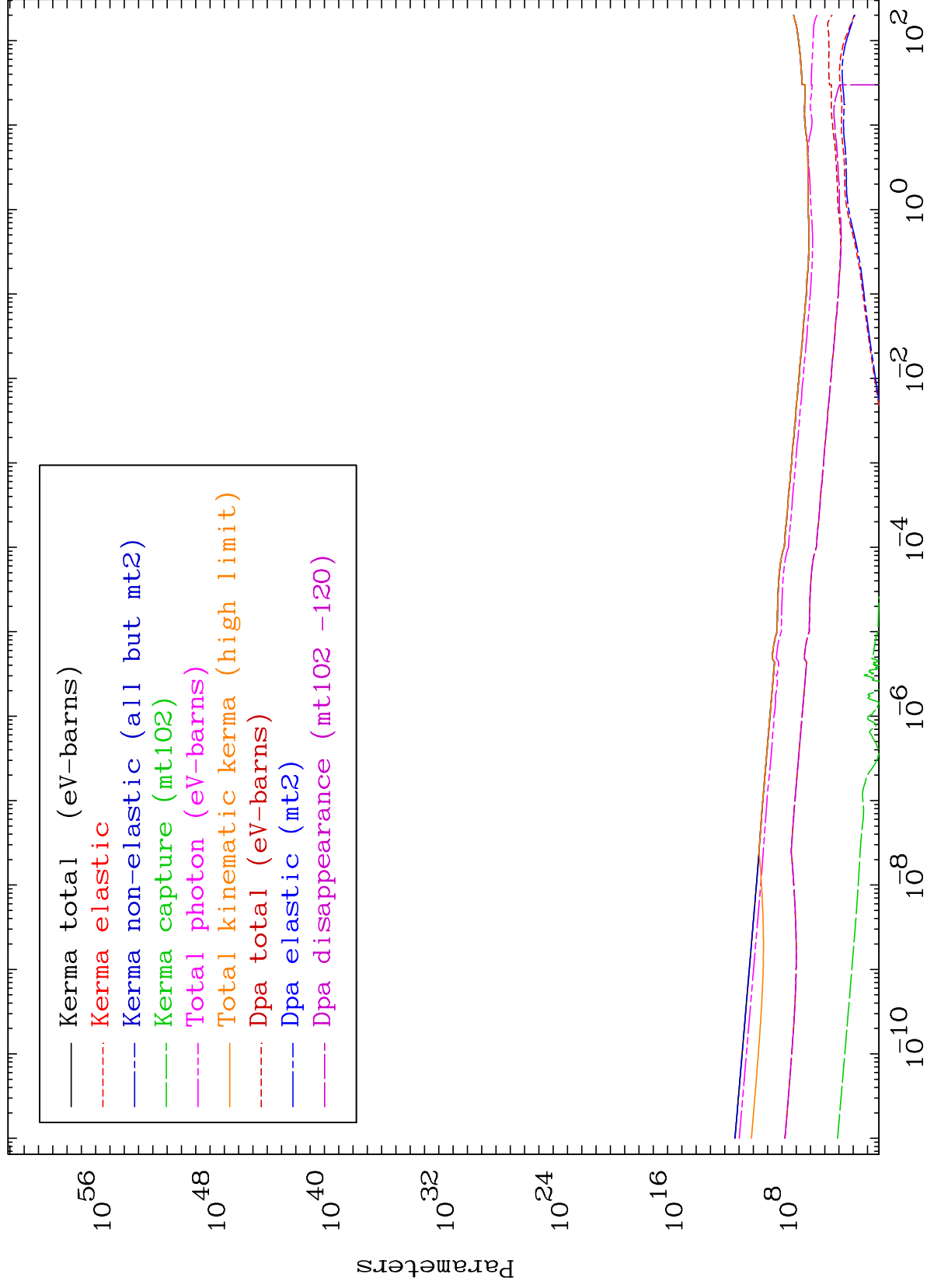


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Incident Energy (MeV)

61-Pm-131

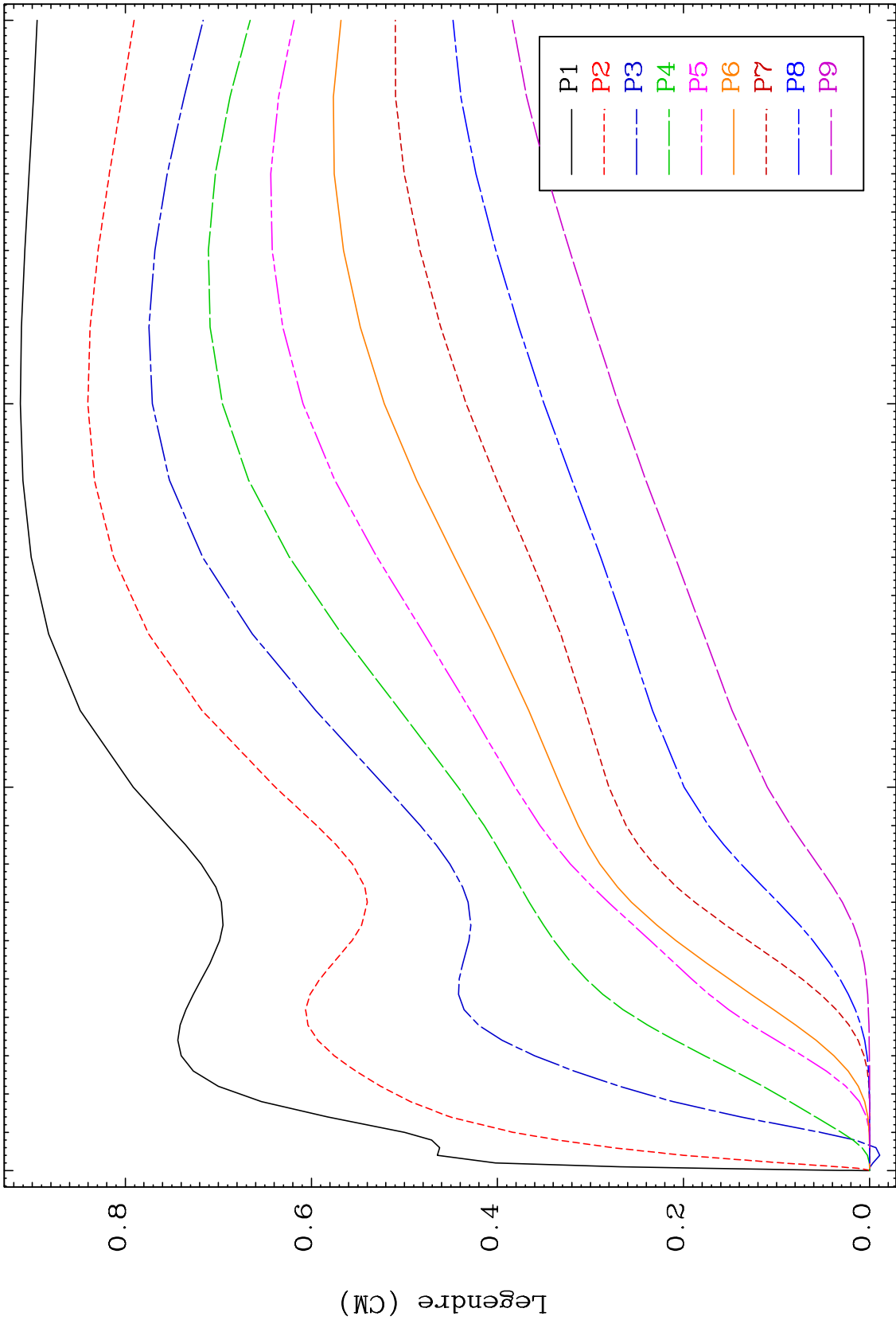
— (n,α)



MAT 6101

Elastic Legendre Coefficients

61-Pm-131



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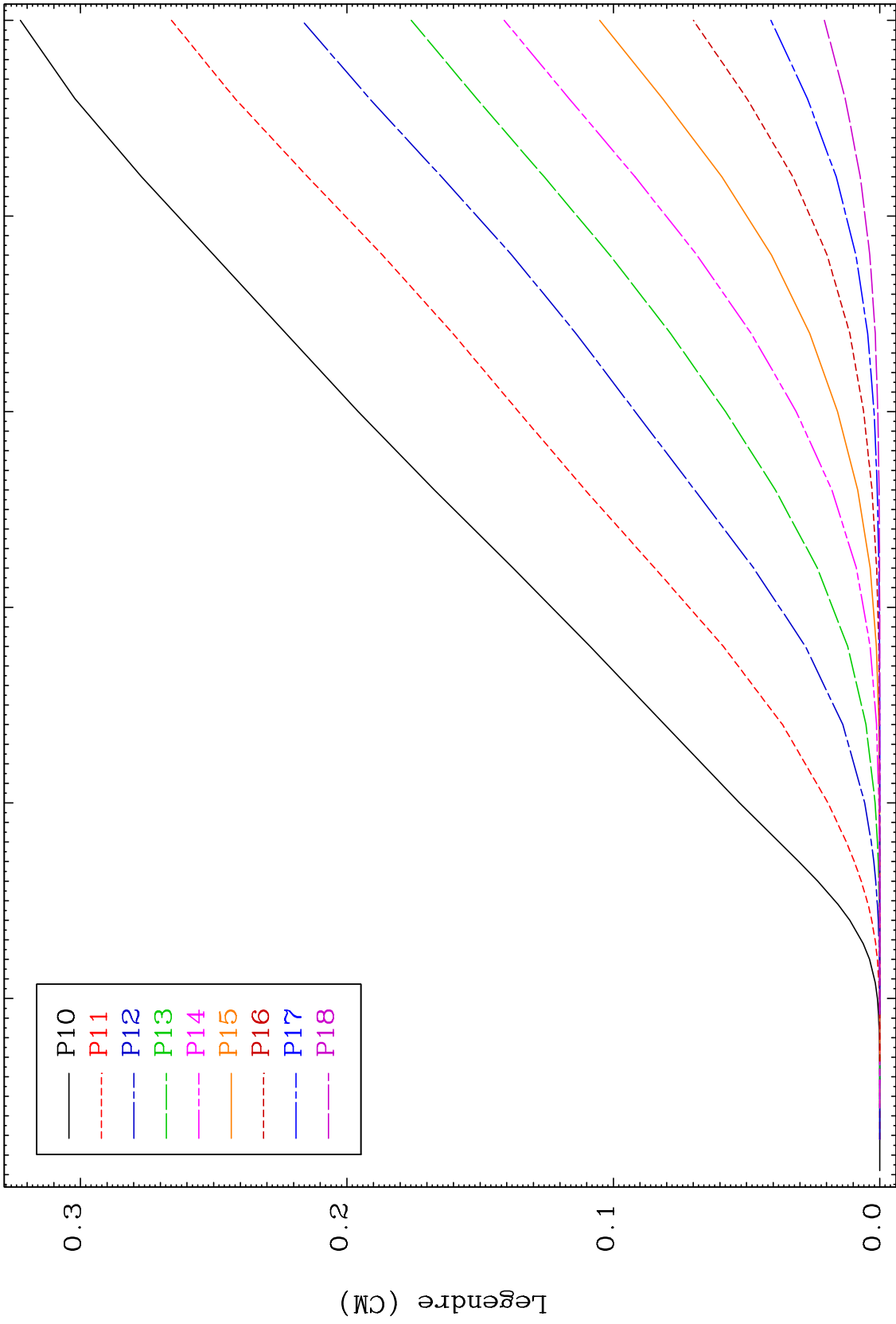
Incident Energy (MeV)

61-Pm-131

MAT 6101

Elastic Legendre Coefficients

61-Pm-131



14

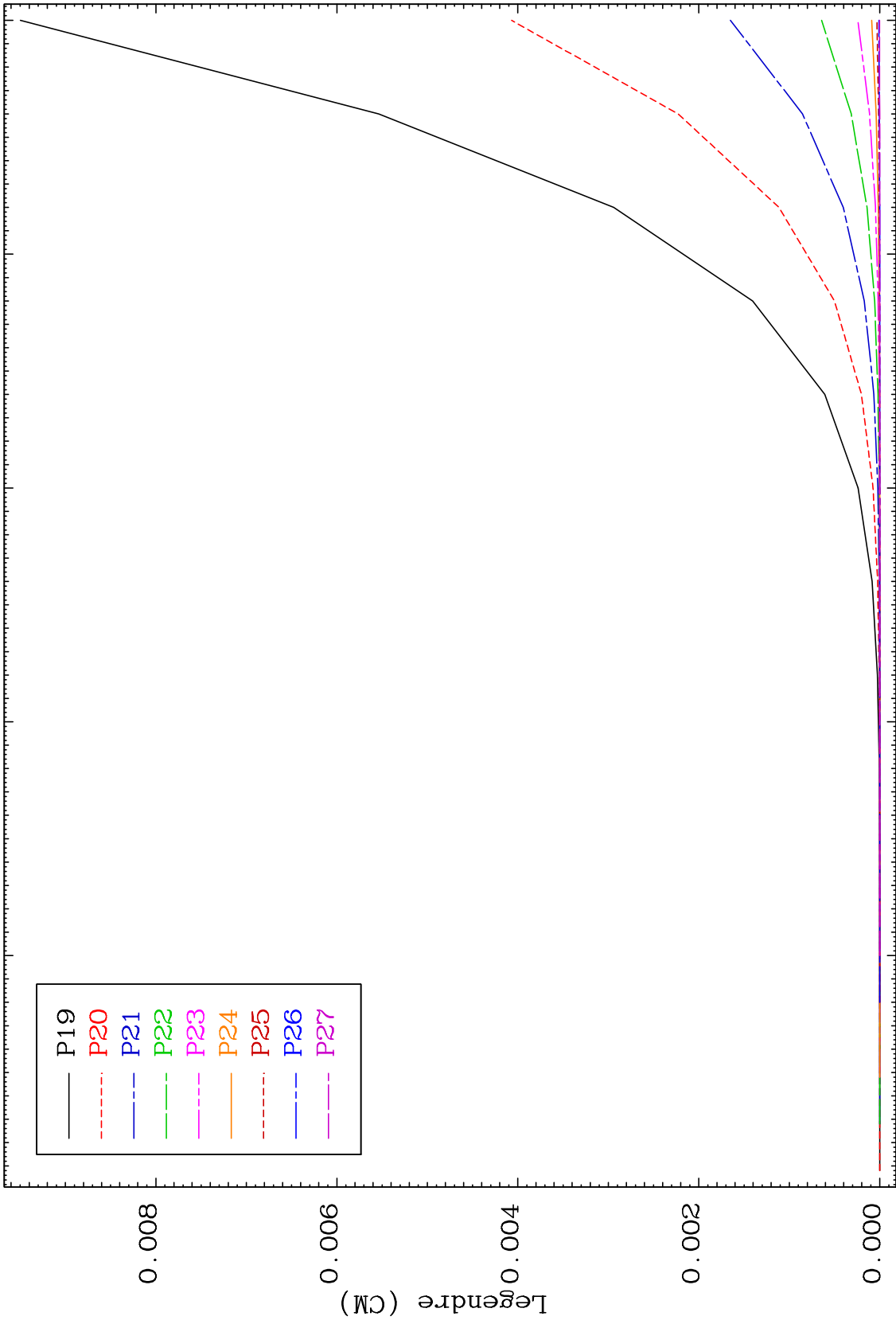
Incident Energy (MeV)

61-Pm-131

MAT 6101

Elastic Legendre Coefficients

61-Pm-131



15

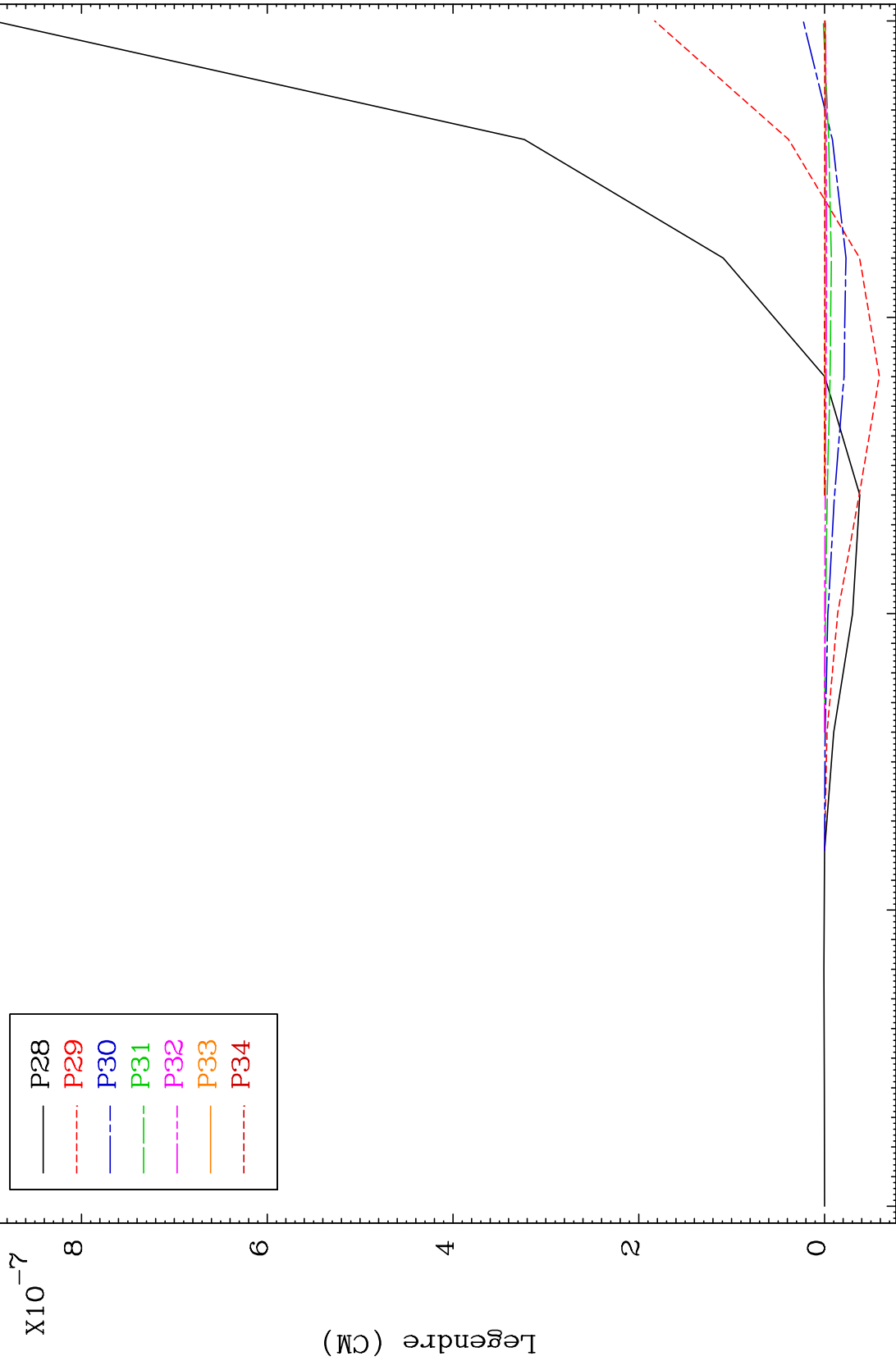
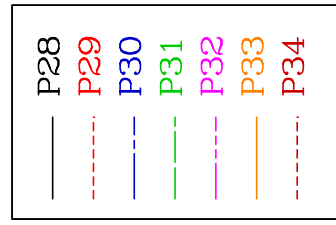
Incident Energy (MeV)

61-Pm-131

MAT 6101

Elastic Legendre Coefficients

61-Pm-131



16

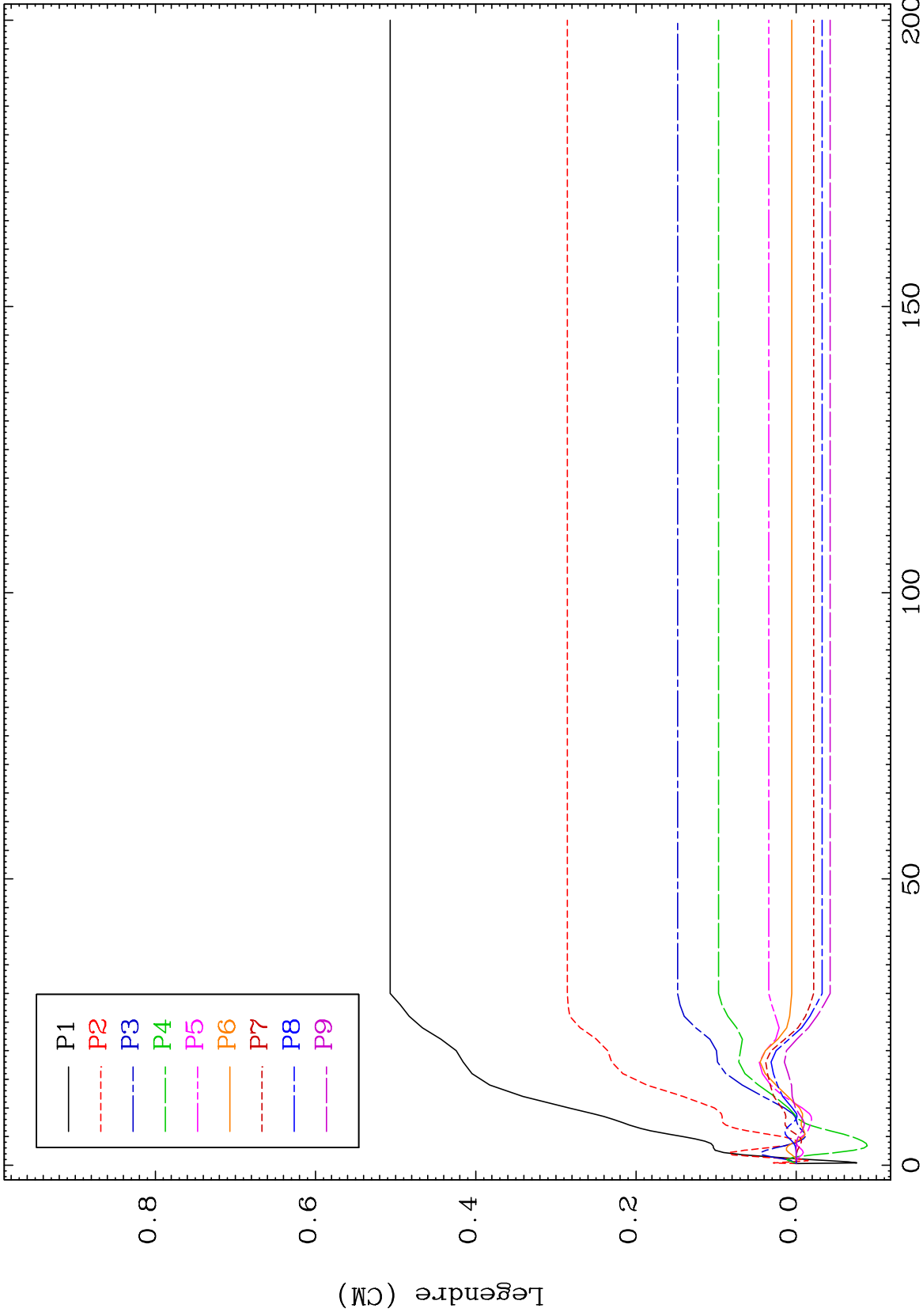
Incident Energy (MeV)

61-Pm-131

MAT 6101

MT= 51 (n,n') Level
Legendre Coefficients

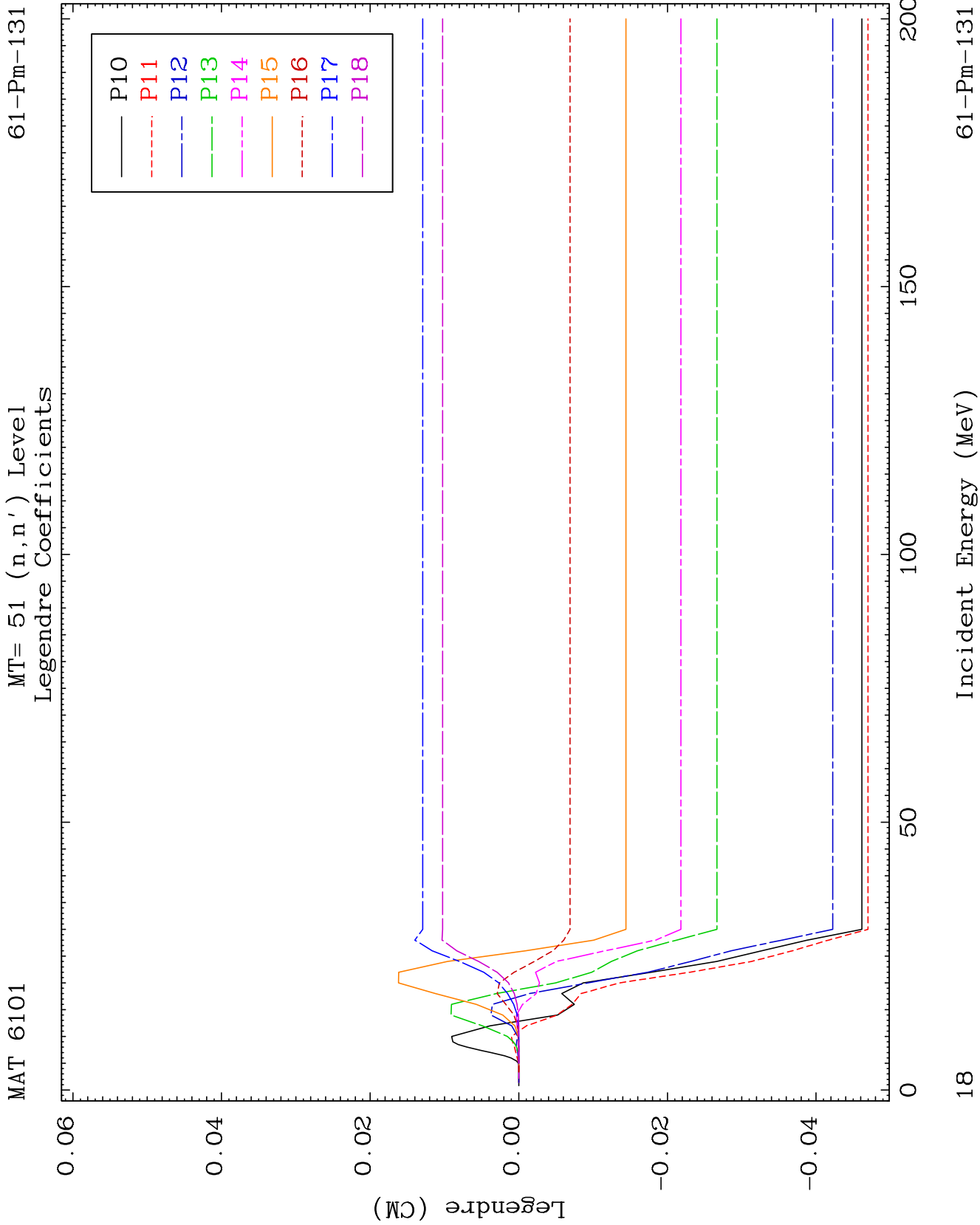
61-Pm-131



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Incident Energy (MeV)

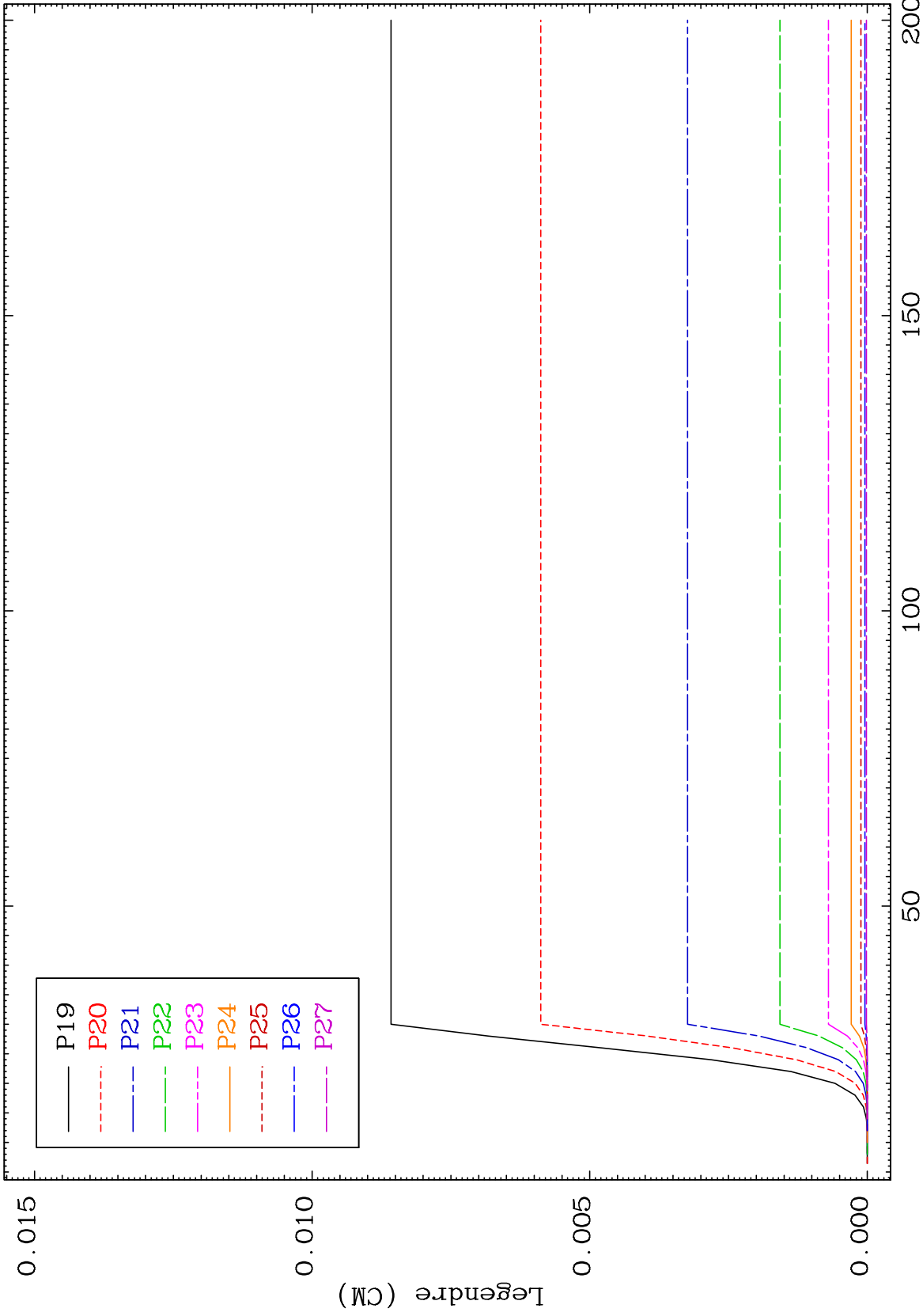
61-Pm-131



MAT 6101

MT= 51 (n,n') Level
Legendre Coefficients

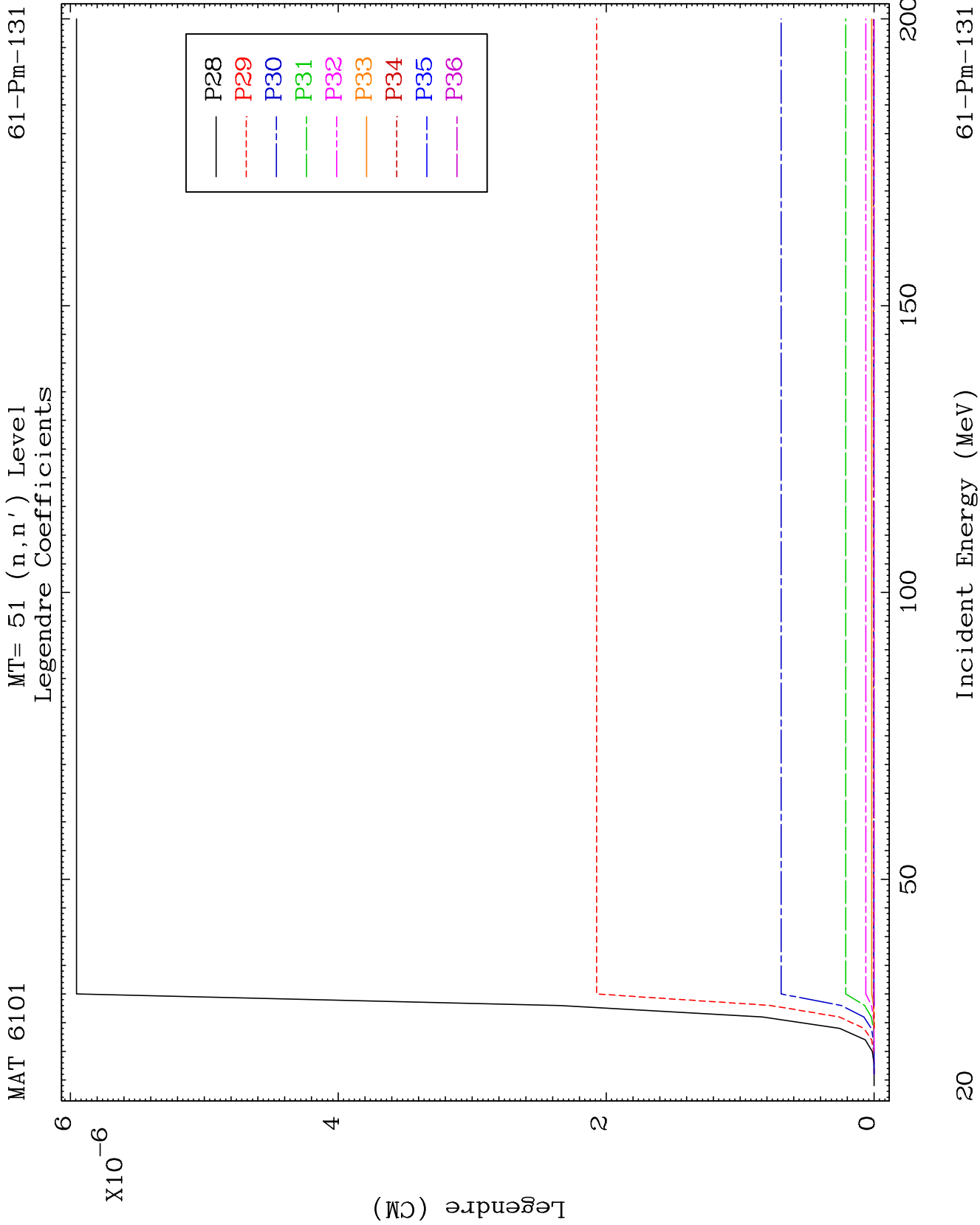
61-Pm-131



19

Incident Energy (MeV)

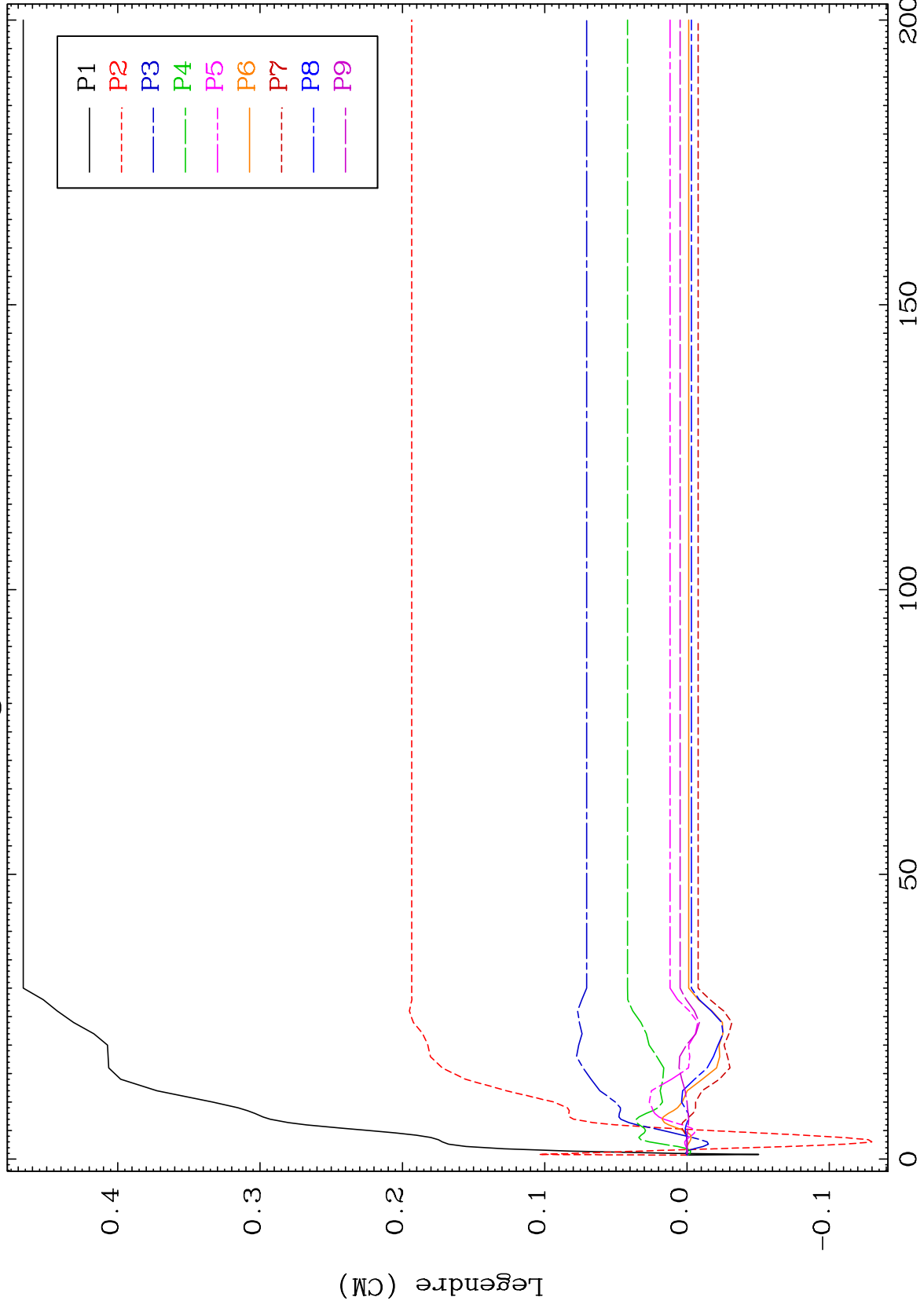
61-Pm-131



MAT 6101

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-131



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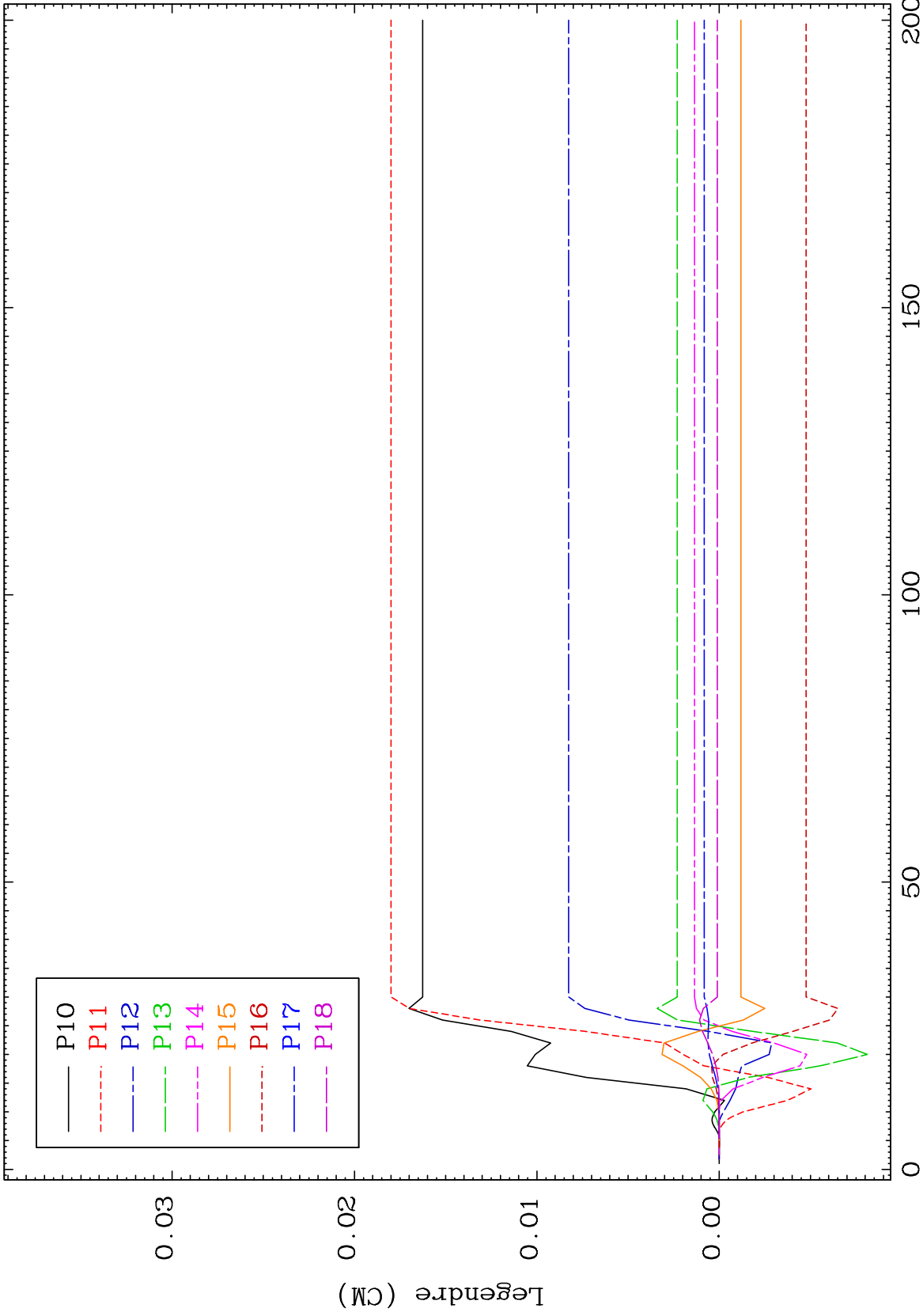
Incident Energy (MeV)

61-Pm-131

MAT 6101

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-131

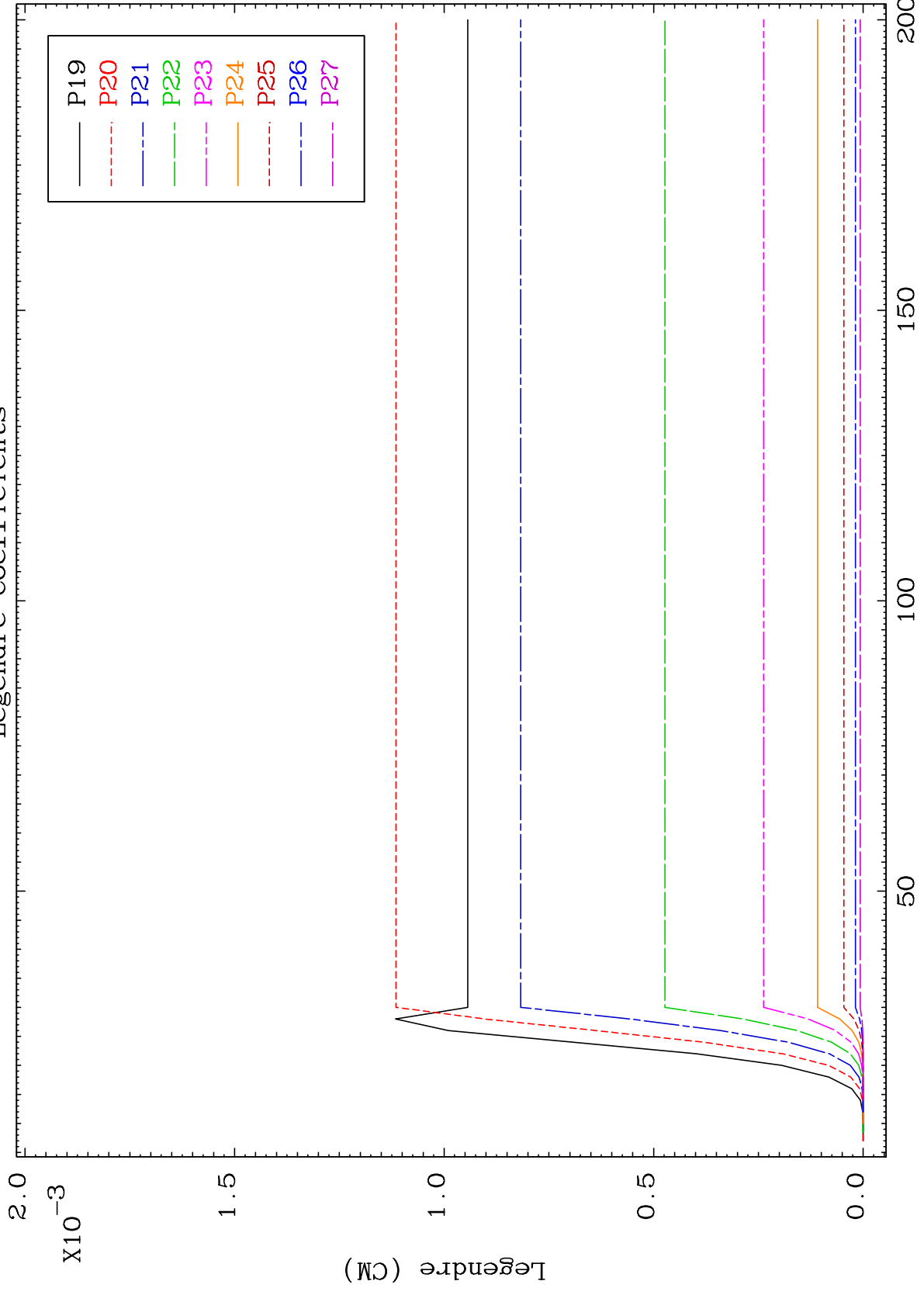


22

Incident Energy (MeV)

61-Pm-131

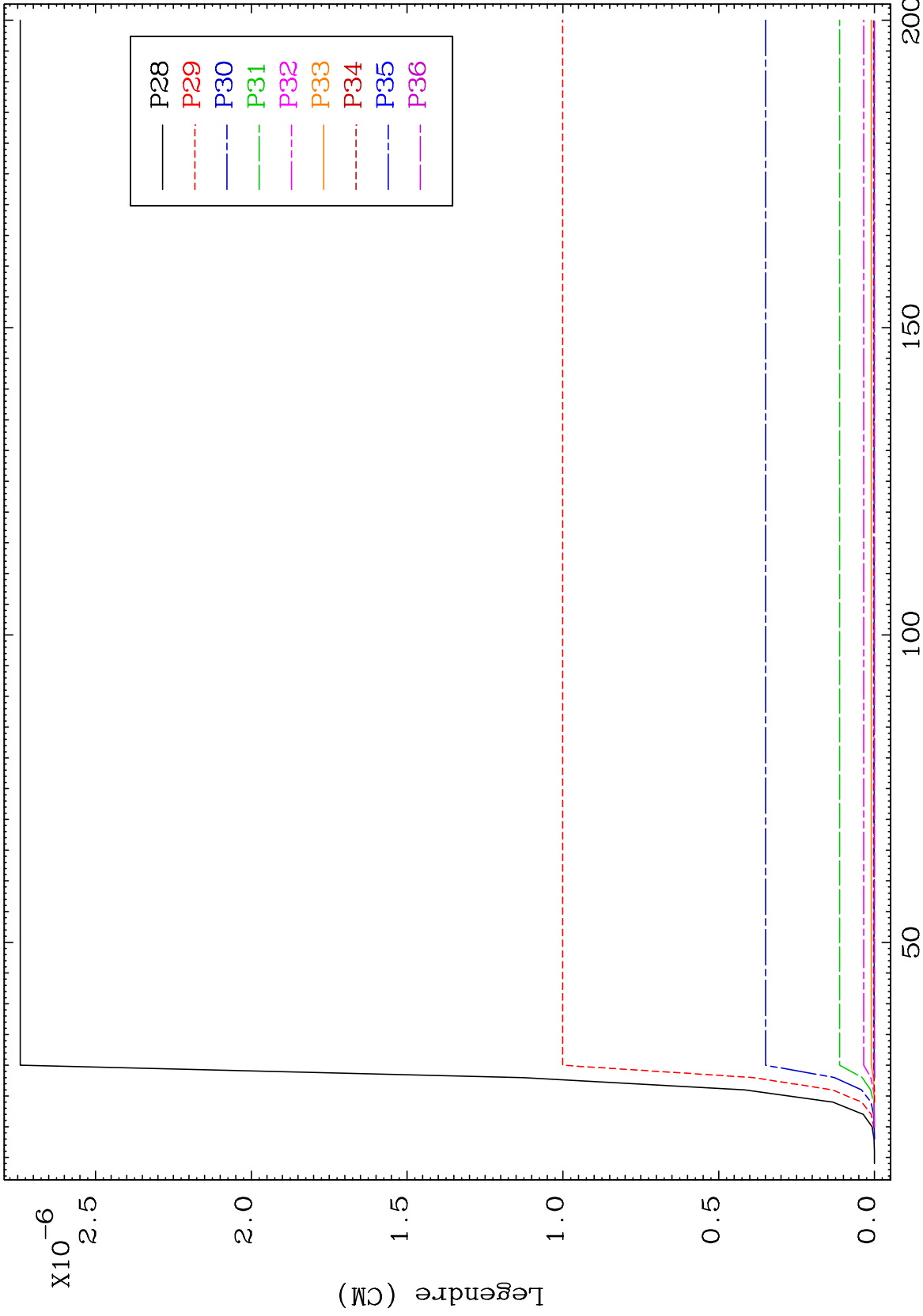
MAT 6101 MT= 52 (n,n') Level Legendre Coefficients 61-Pm-131



MAT 6101

MT= 52 (n,n') Level
Legendre Coefficients

61-Pm-131



24

Incident Energy (MeV)

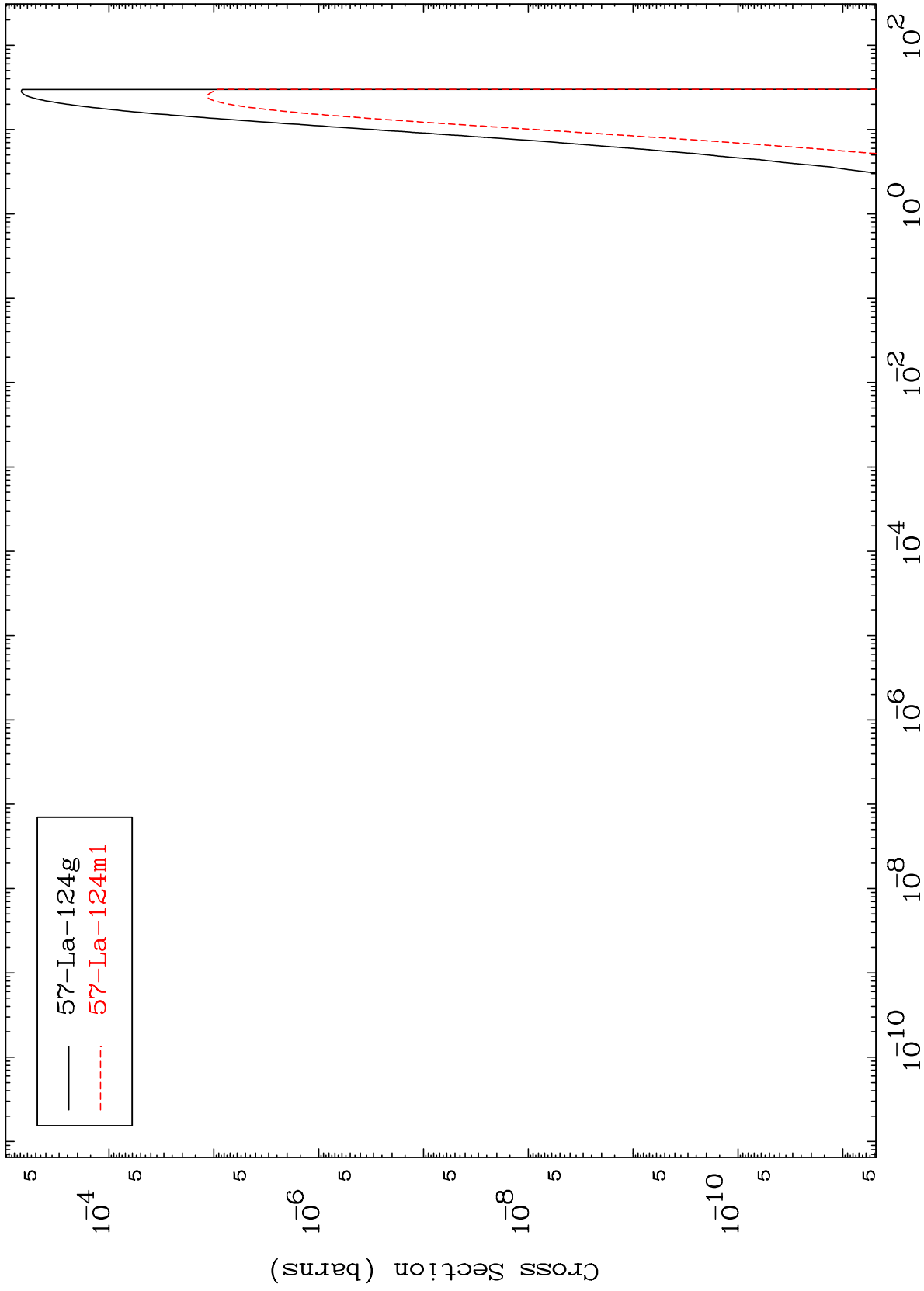
61-Pm-131

MAT 6101

(n,2α)

61-Pm-131

Radionuclide Production Cross Section



25

Incident Energy (MeV)

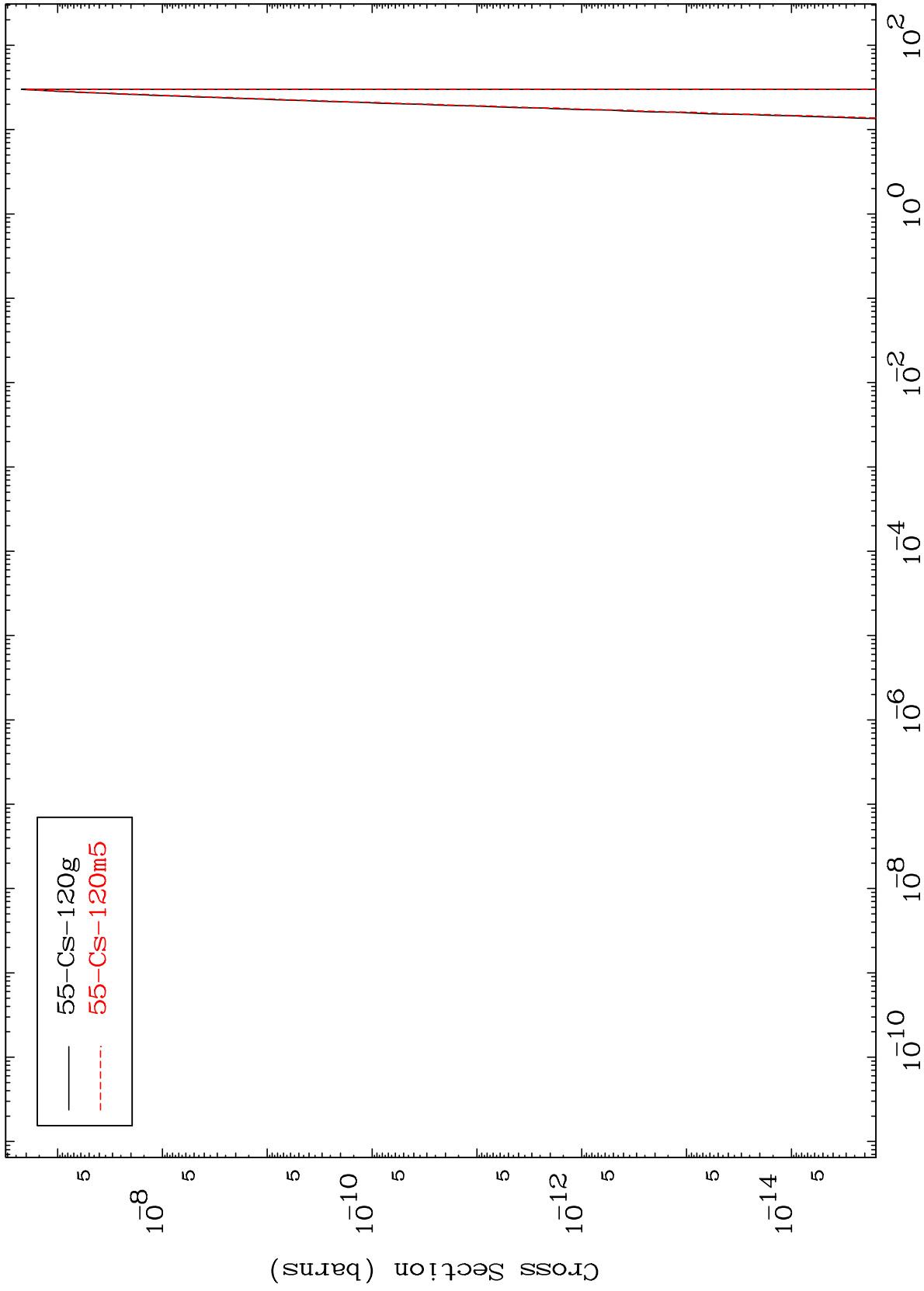
61-Pm-131

MAT 6101

(n,3α)

61-Pm-131

Radionuclide Production Cross Section



26

Incident Energy (MeV)

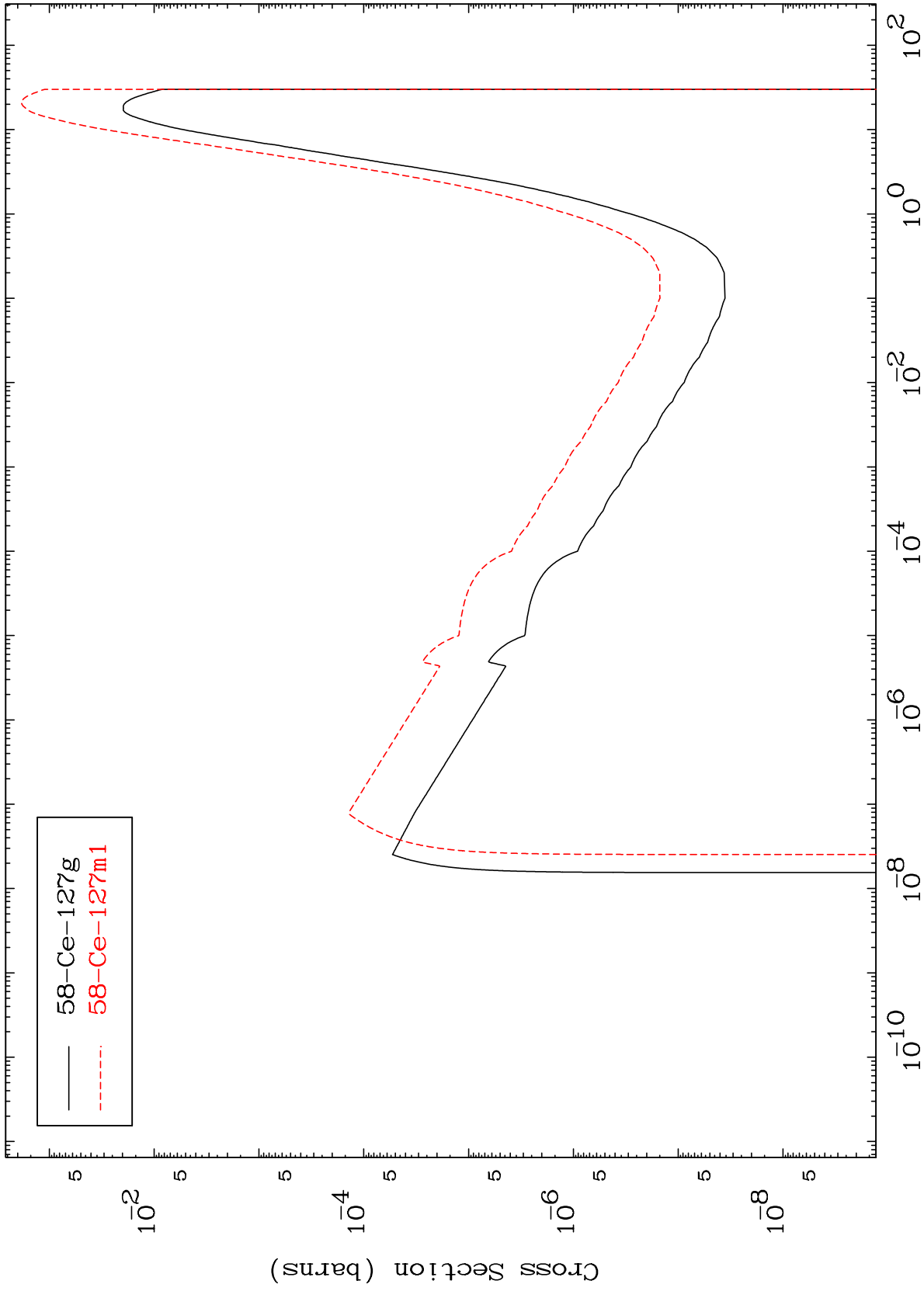
61-Pm-131

MAT 6101

(n,p) α

61-Pm-131

Radionuclide Production Cross Section



27

Incident Energy (MeV)

61-Pm-131