

Program EVALPLOT
(Version 2015-2)

by

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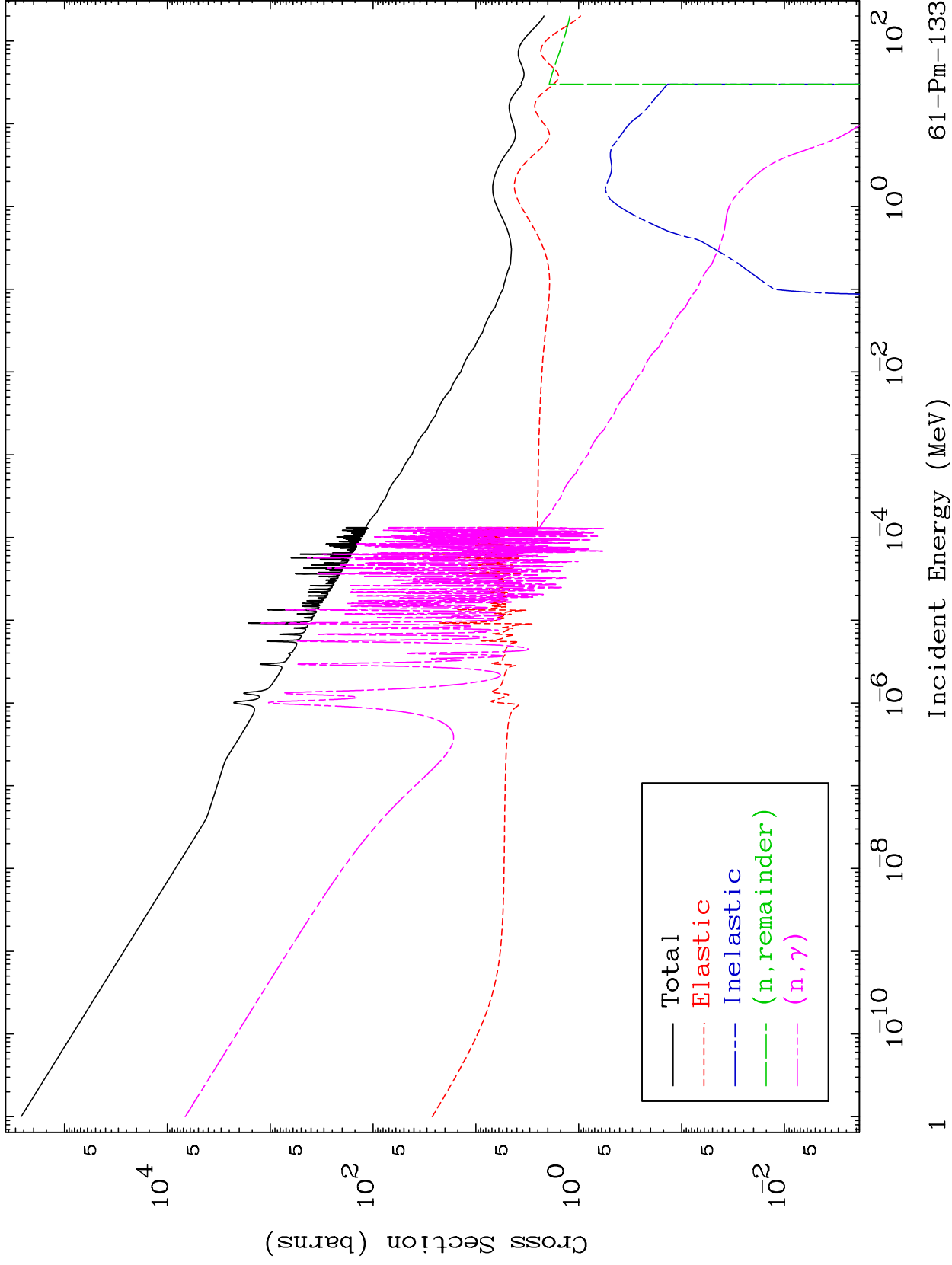
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6107

Major
293 Kelvin Cross Sections

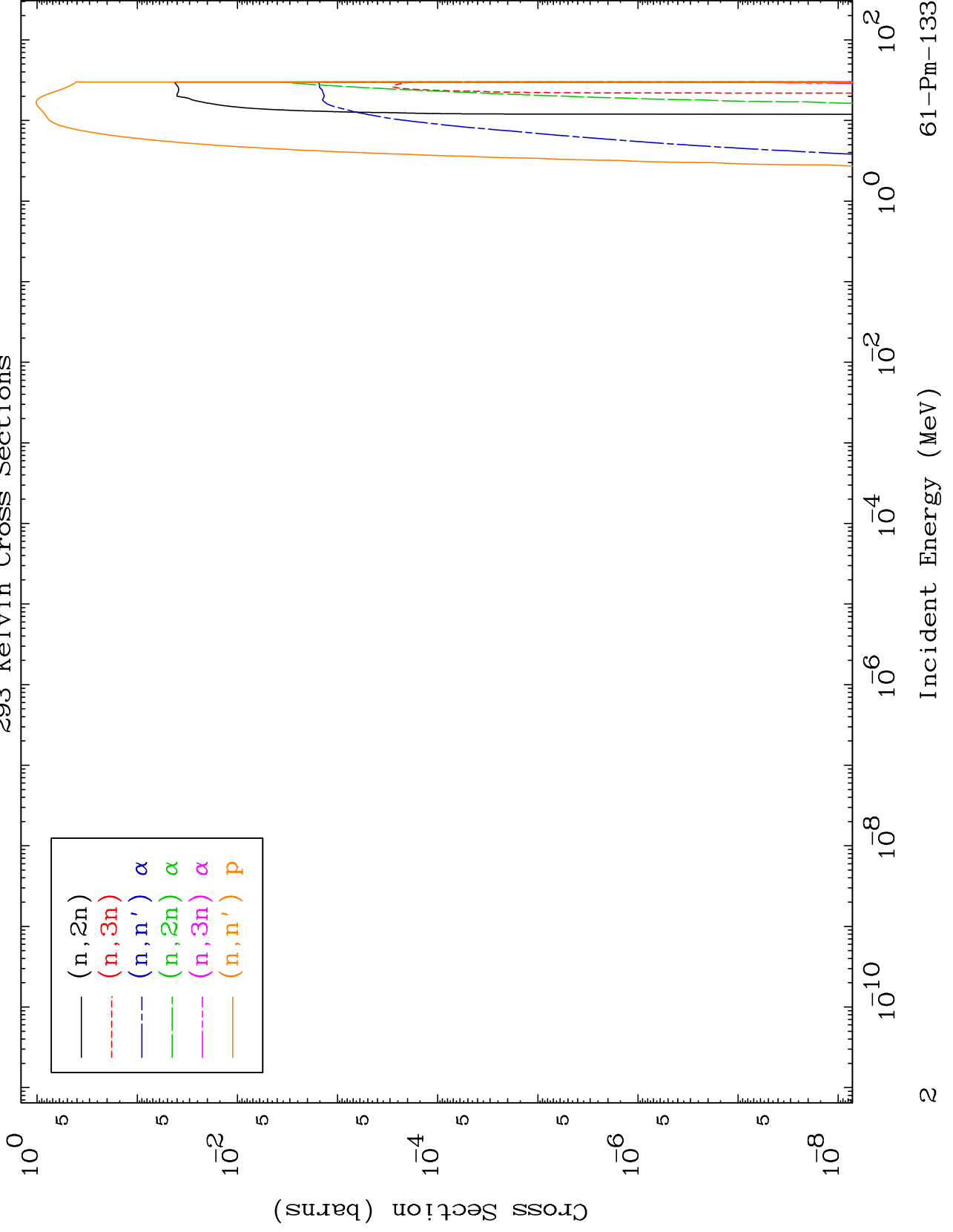
61-Pm-133



MAT 6107

Neutron Production
293 Kelvin Cross Sections

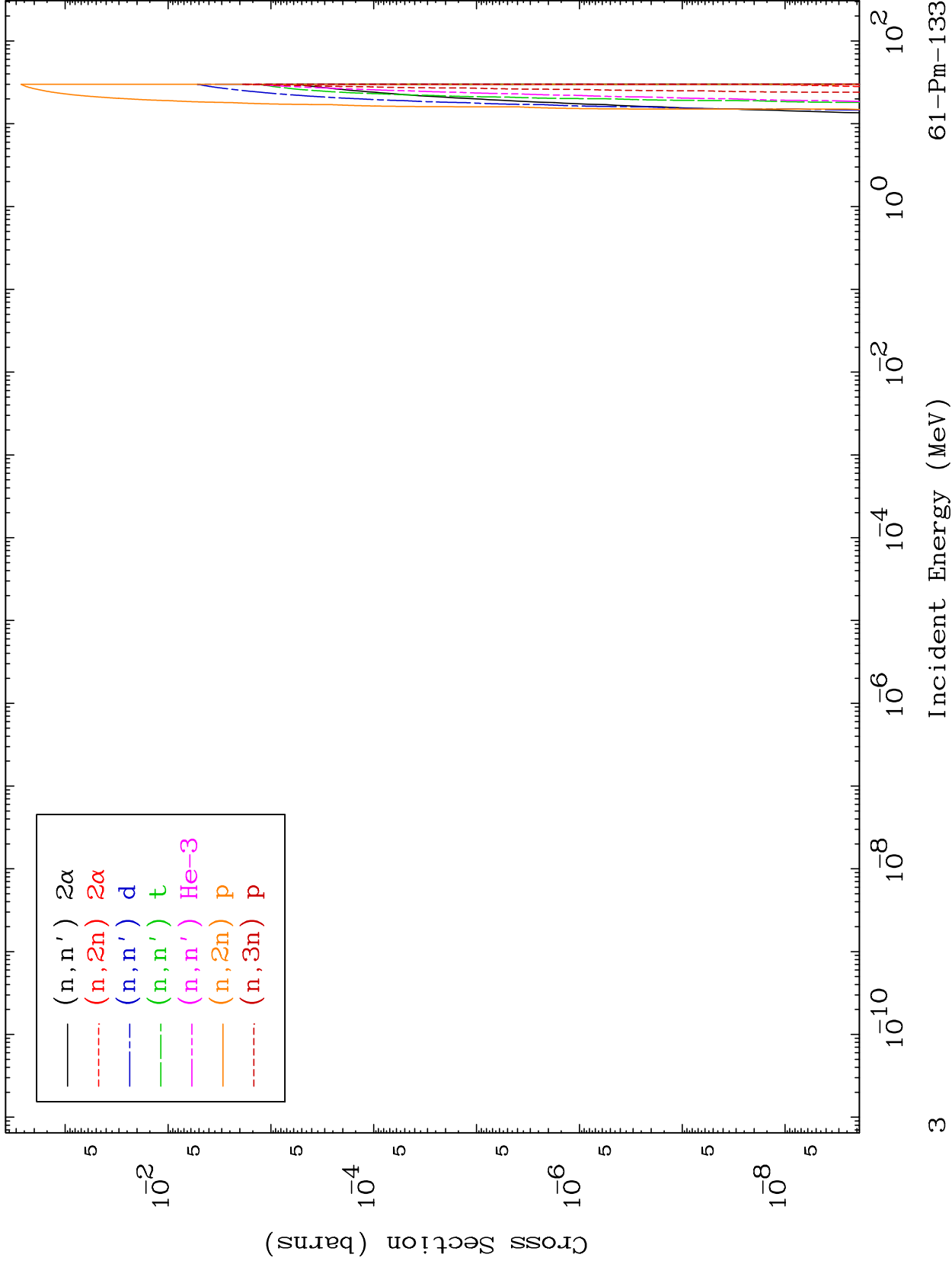
61-Pm-133



MAT 6107

Neutron Production
293 Kelvin Cross Sections

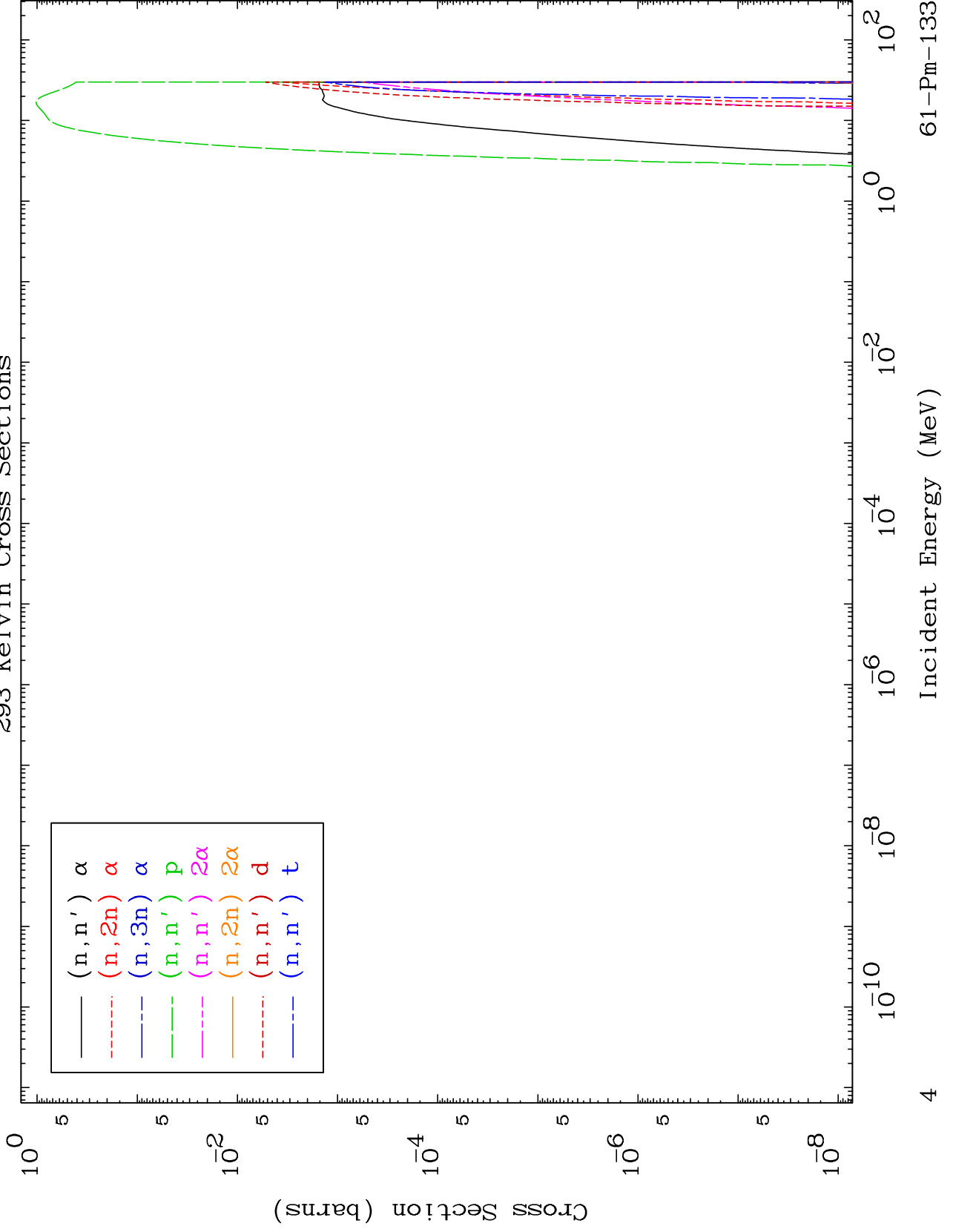
61-Pm-133

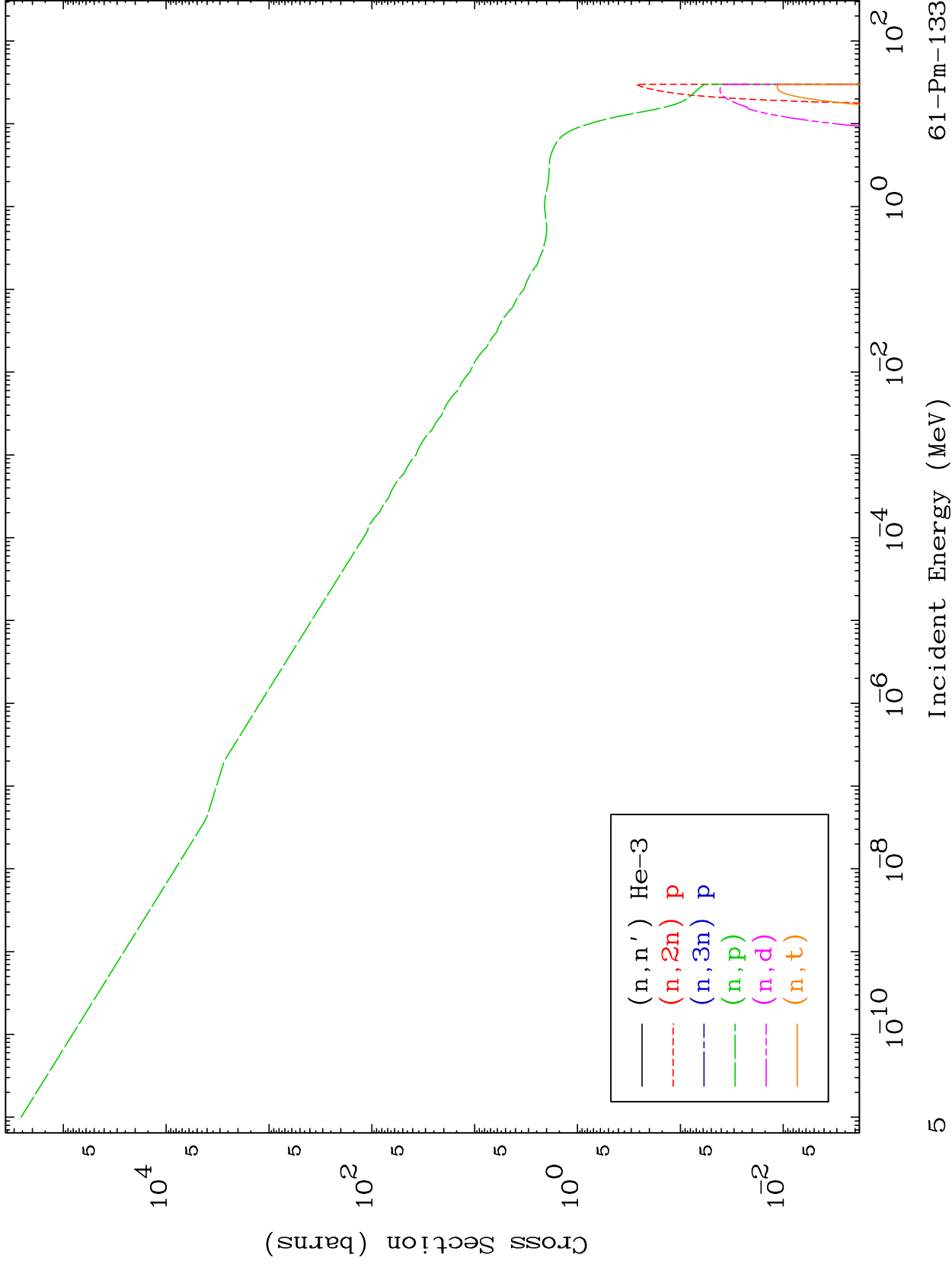


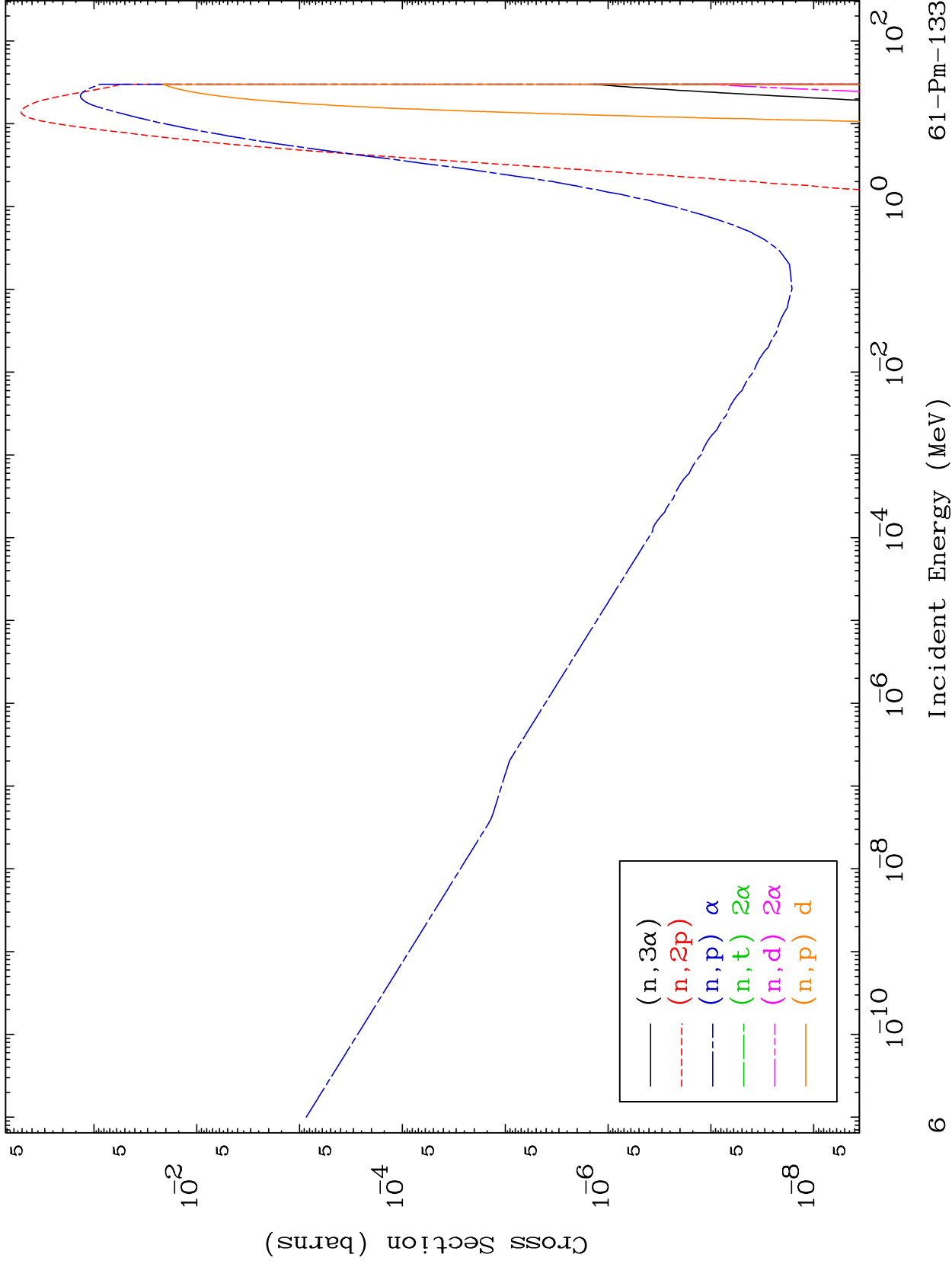
MAT 6107

Charged Particle
293 Kelvin Cross Sections

61-Pm-133



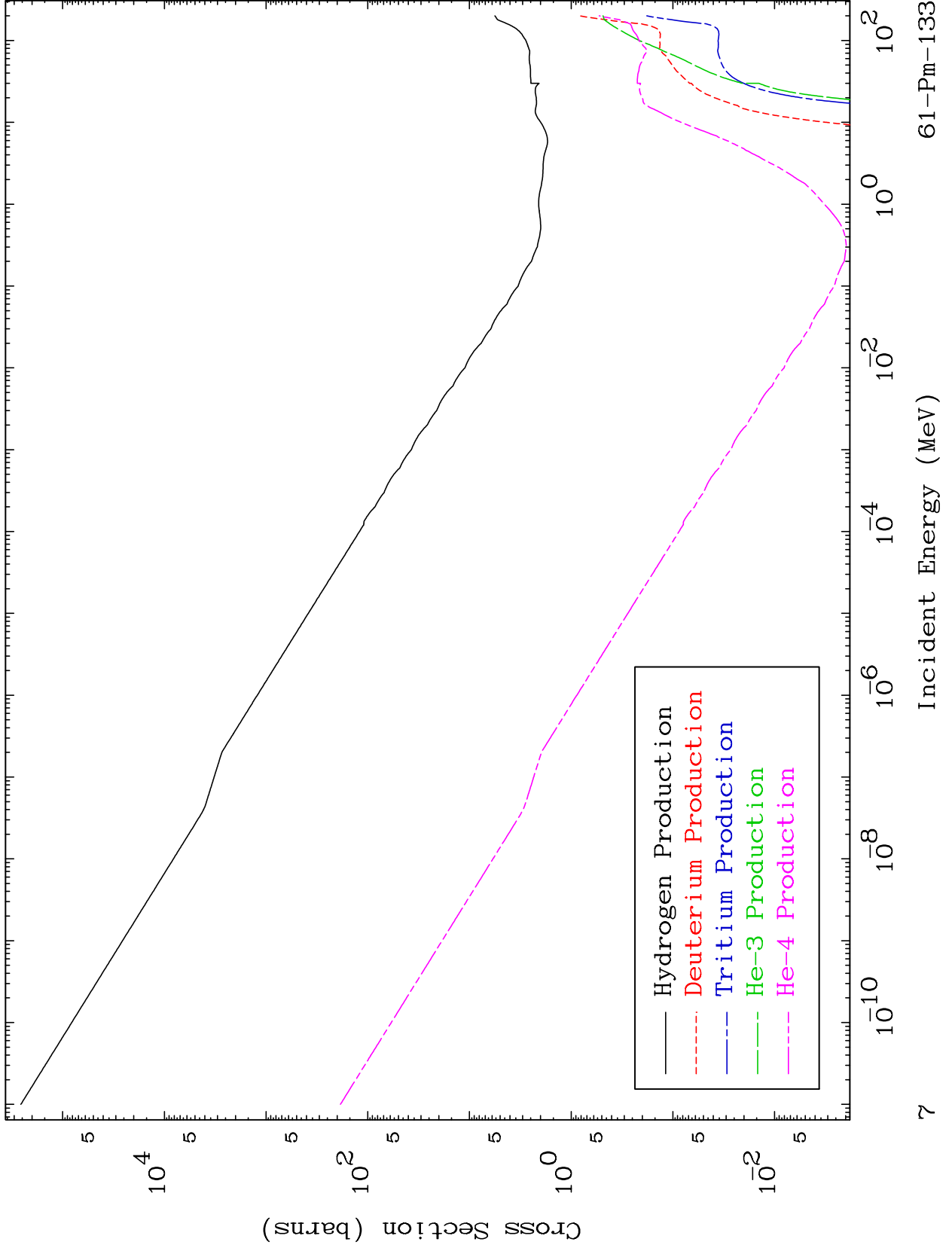




MAT 6107

Particle Production
293 Kelvin Cross Sections

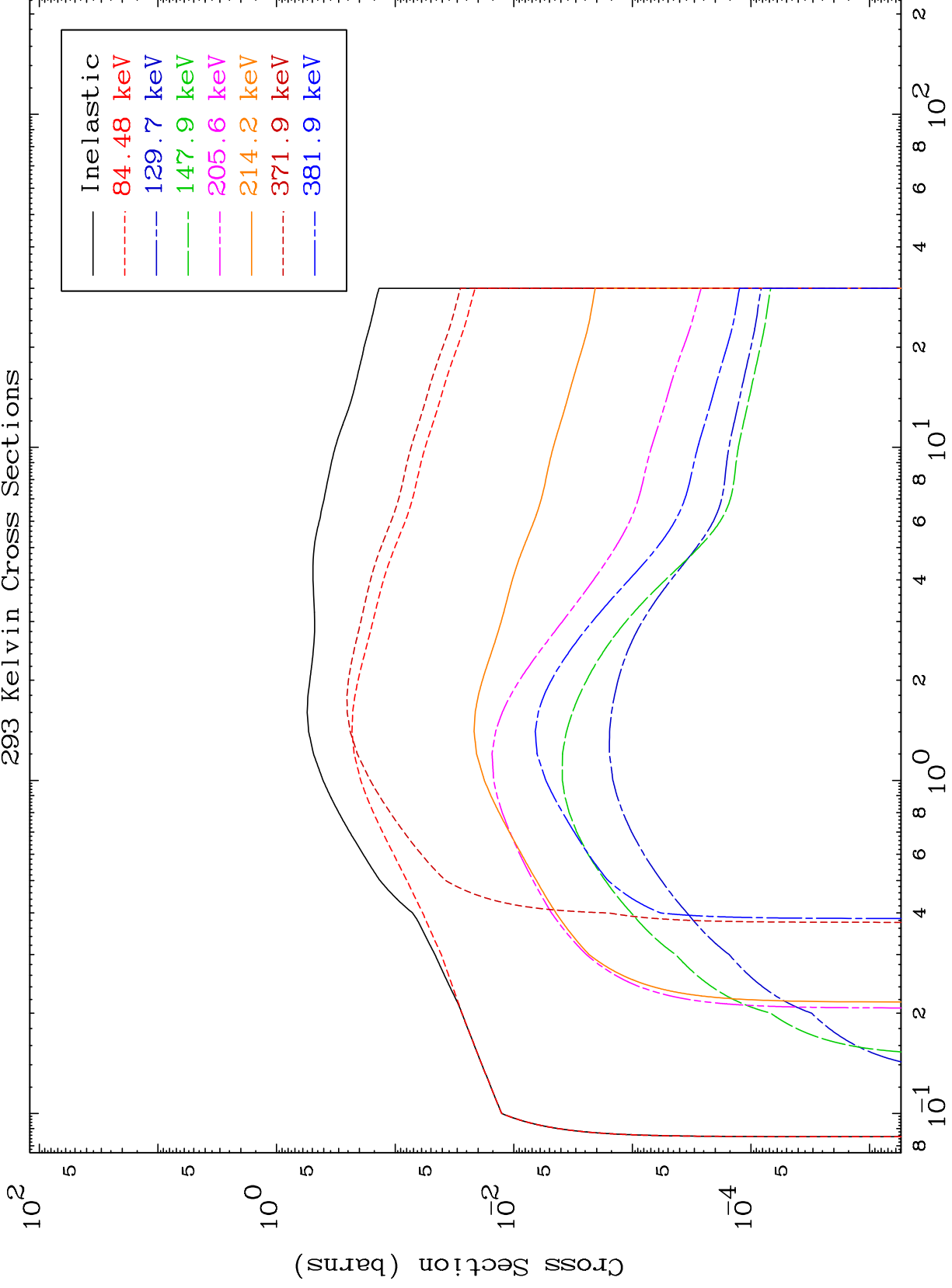
61-Pm-133



MAT 6107

(n,n') Level
293 Kelvin Cross Sections

61-Pm-133



61-Pm-133

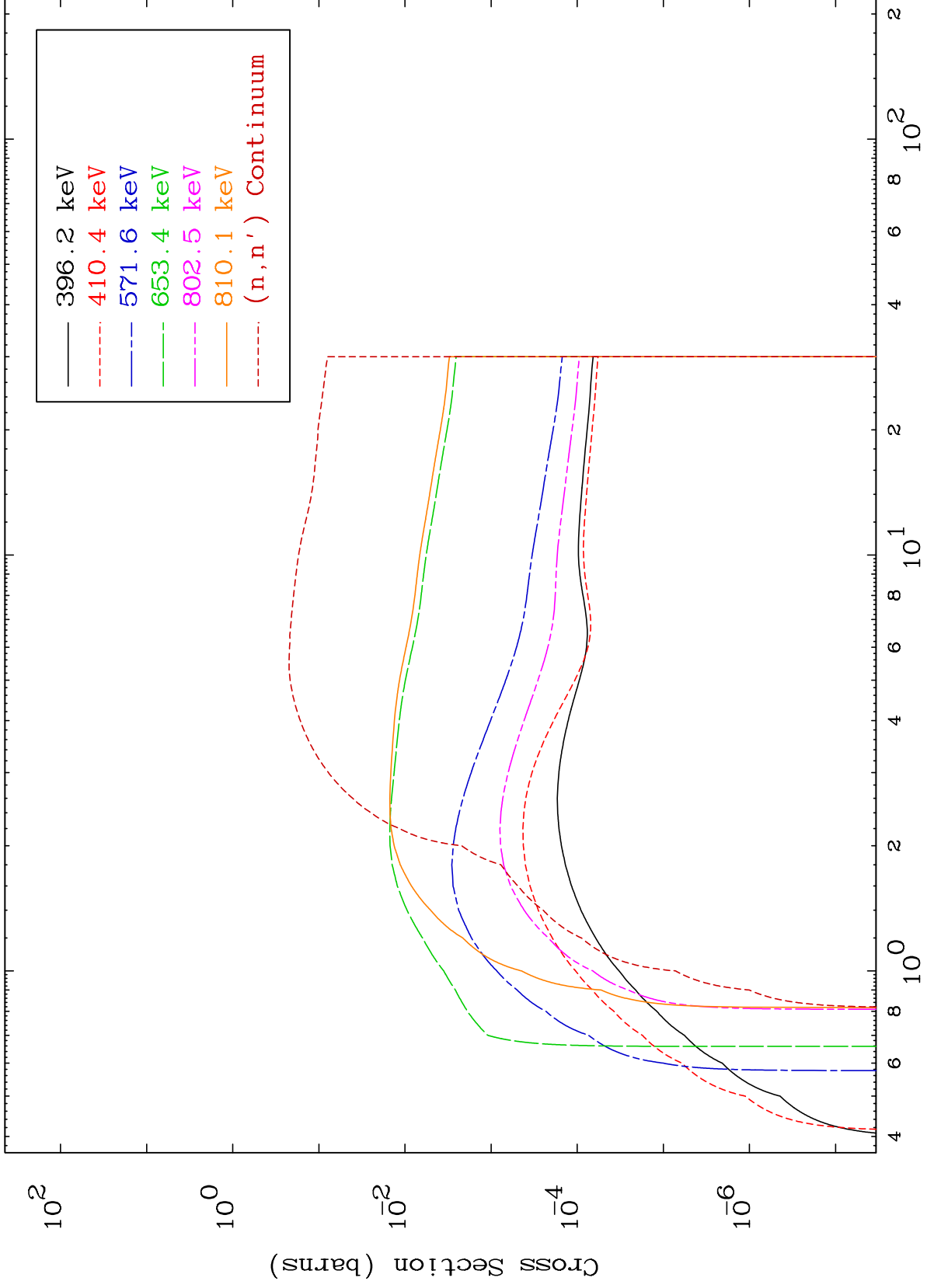
Incident Energy (MeV)

8

MAT 6107

(n,n') Level
293 Kelvin Cross Sections

61-Pm-133



9

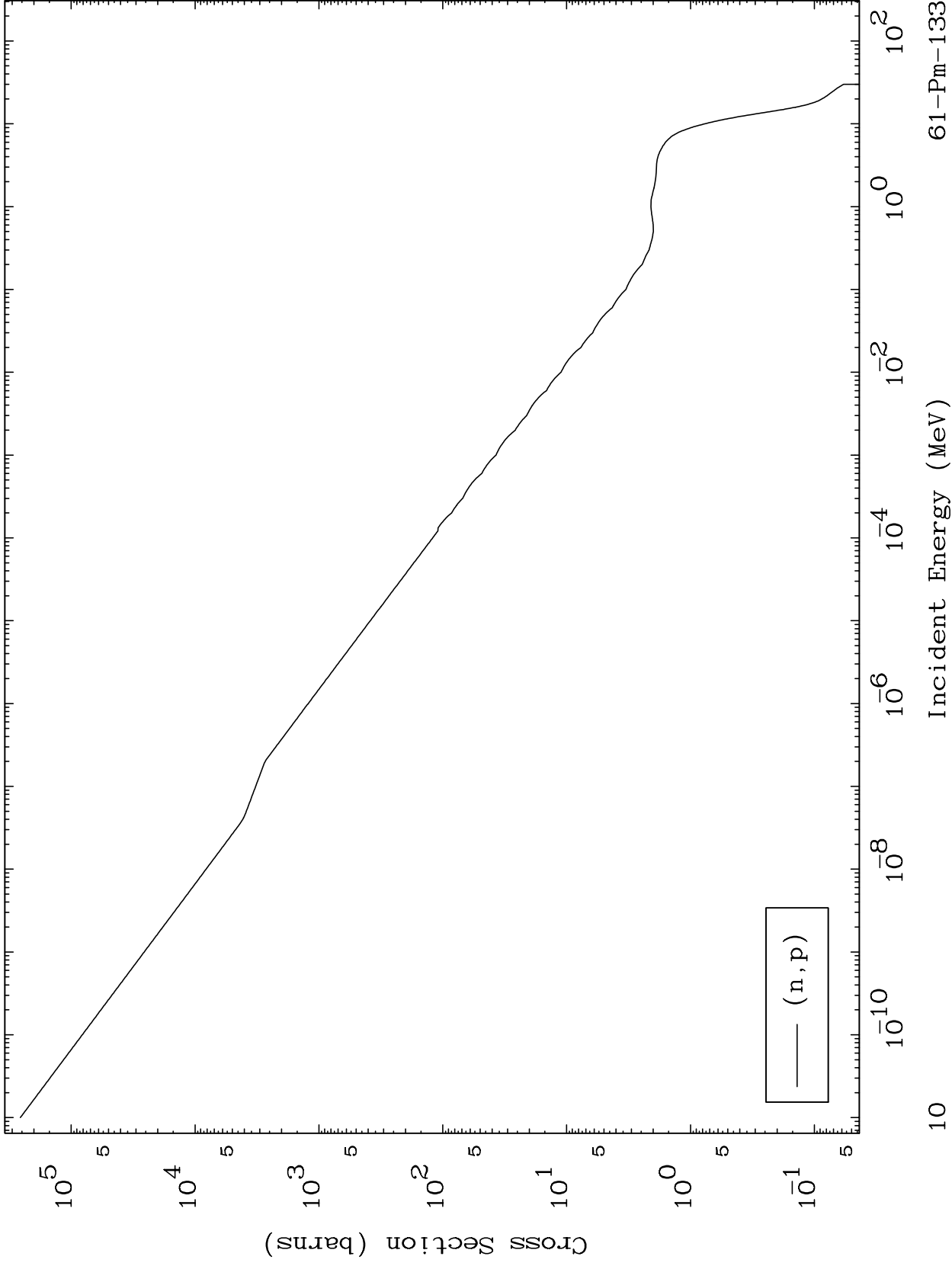
Incident Energy (MeV)

61-Pm-133

MAT 6107

(n,p) Levels
293 Kelvin Cross Sections

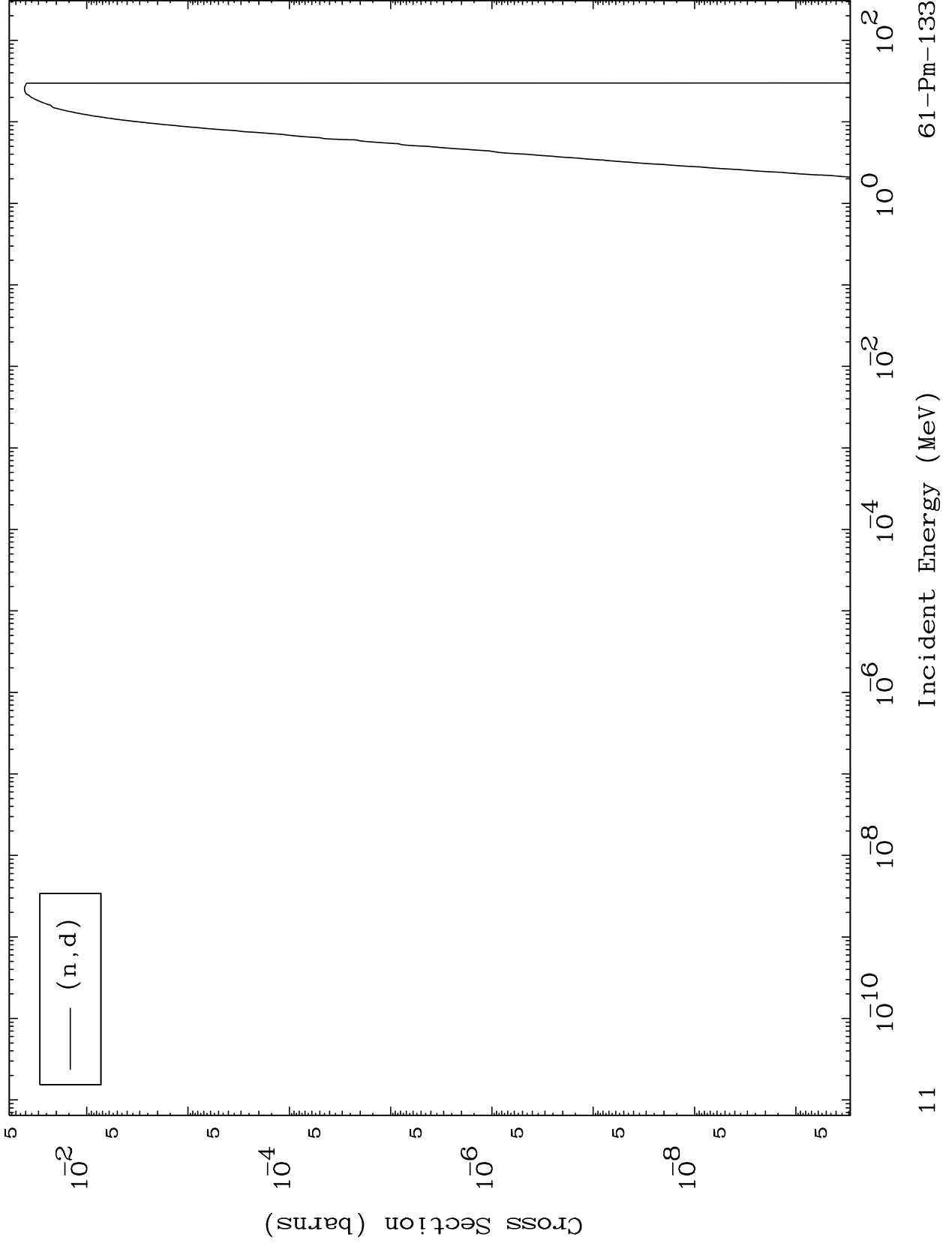
61-Pm-133



MAT 6107

(n,d) Levels
293 Kelvin Cross Sections

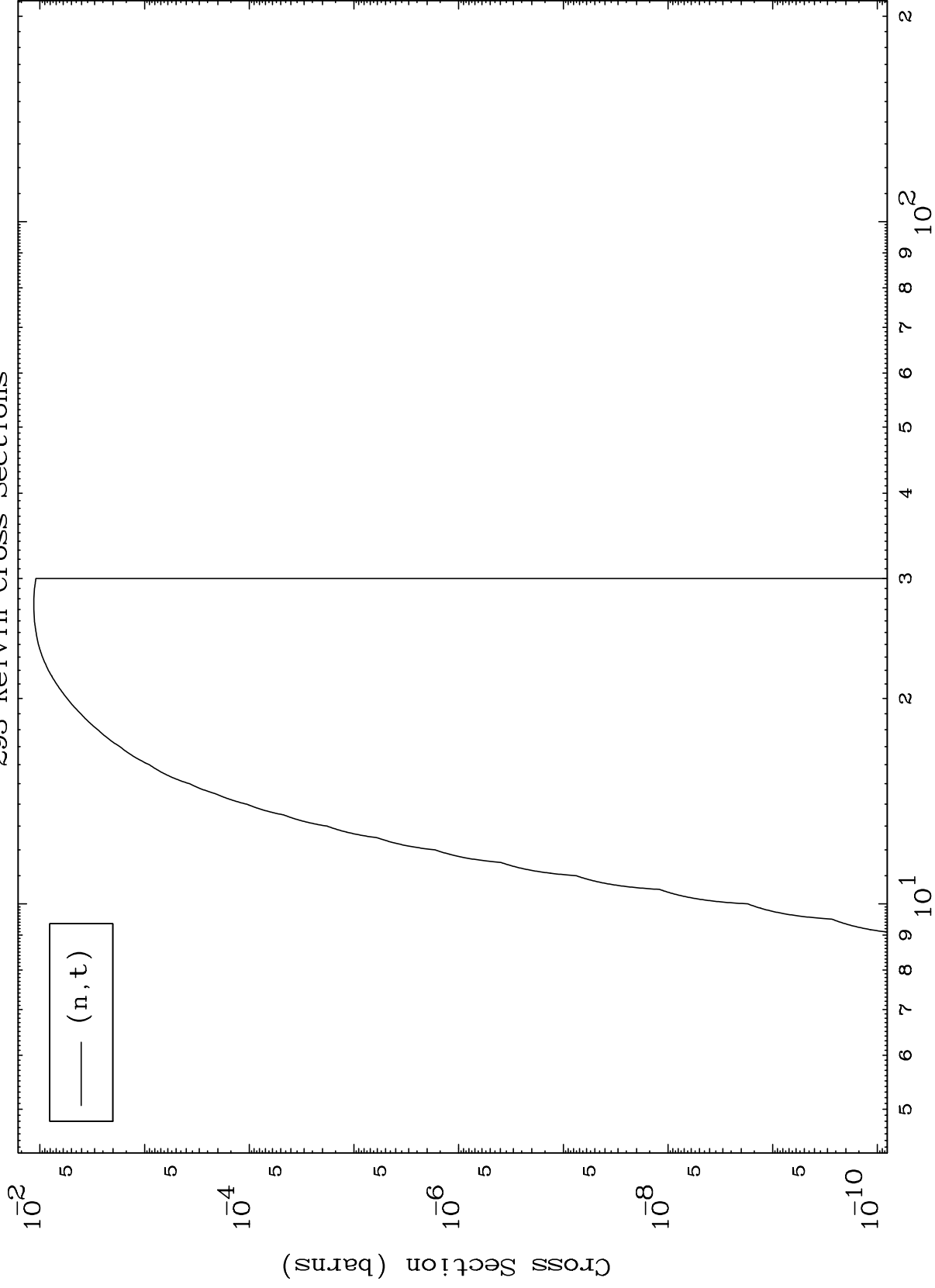
61-Pm-133



MAT 6107

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-133



12

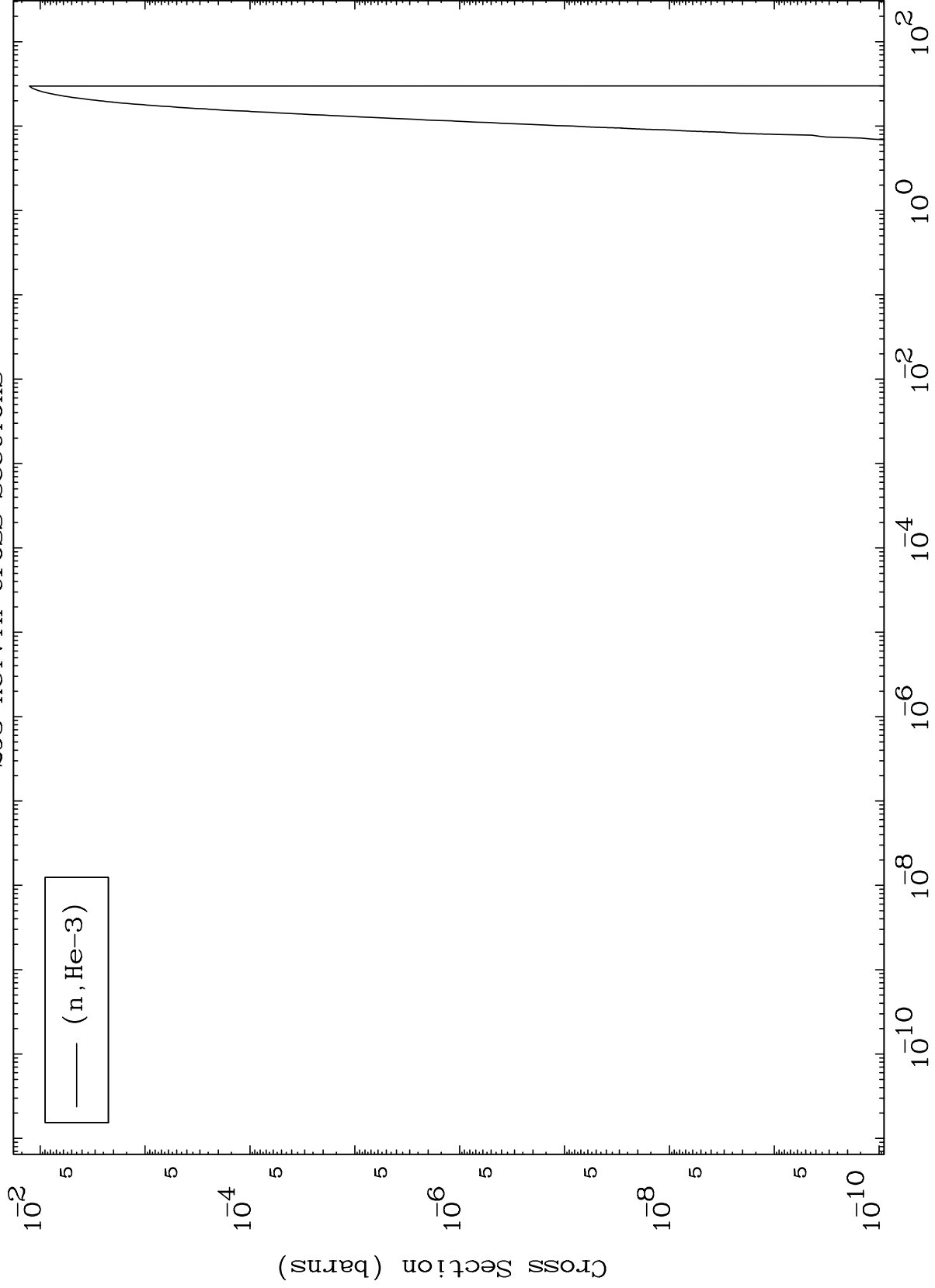
Incident Energy (MeV)

61-Pm-133

MAT 6107

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-133



13

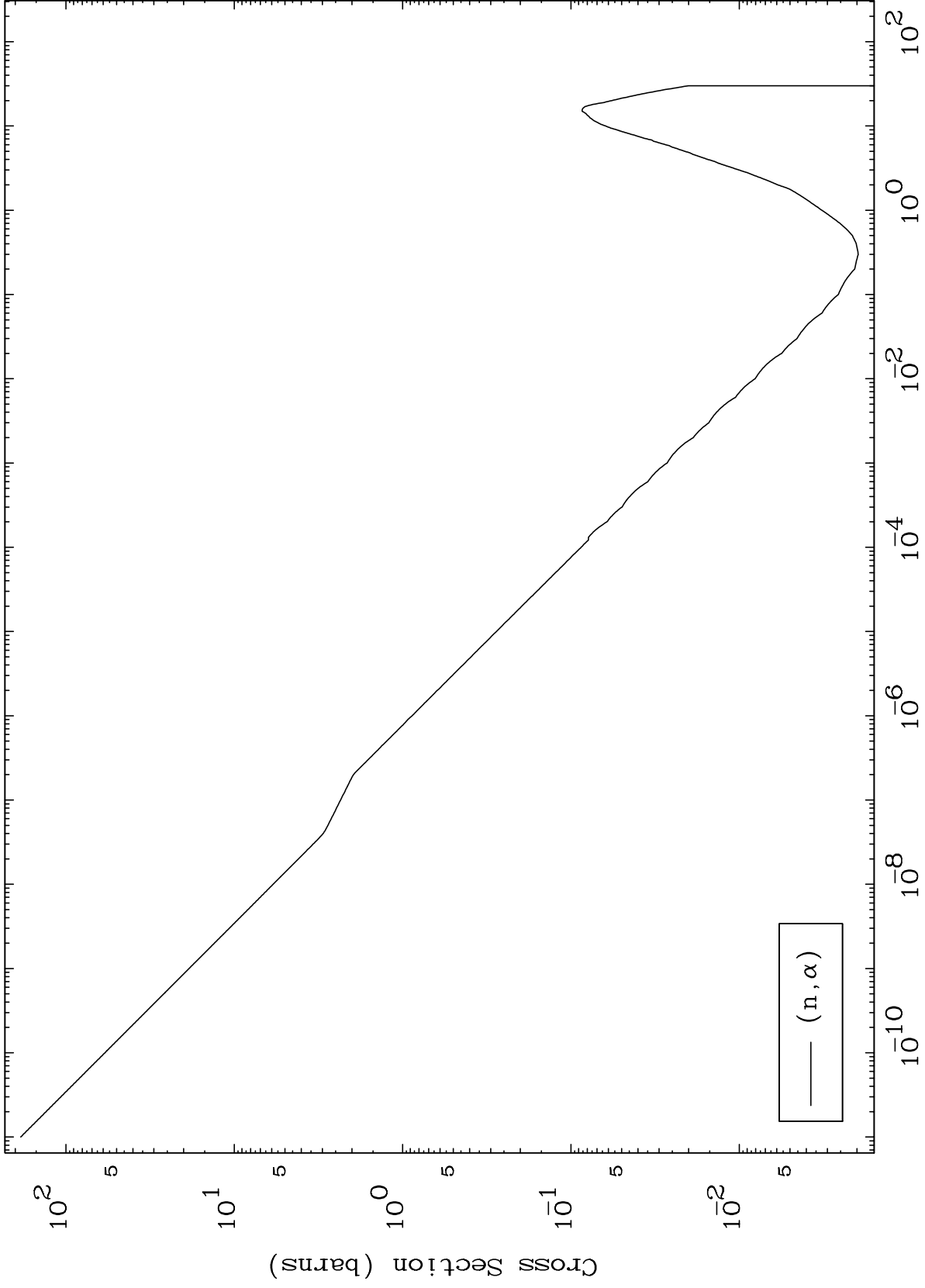
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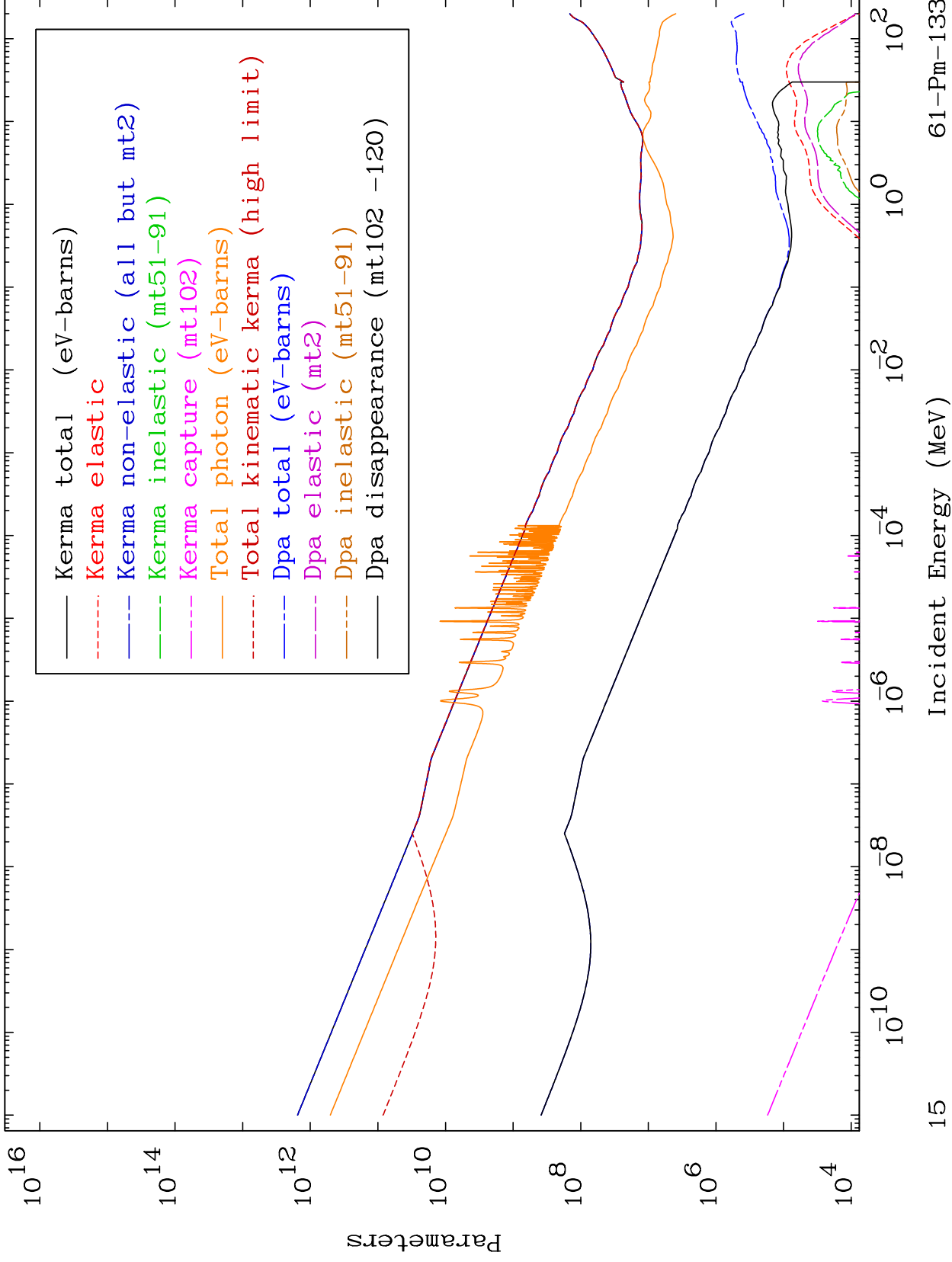
61-Pm-133

MAT 6107

(n,α) Levels
293 Kelvin Cross Sections

61-Pm-133

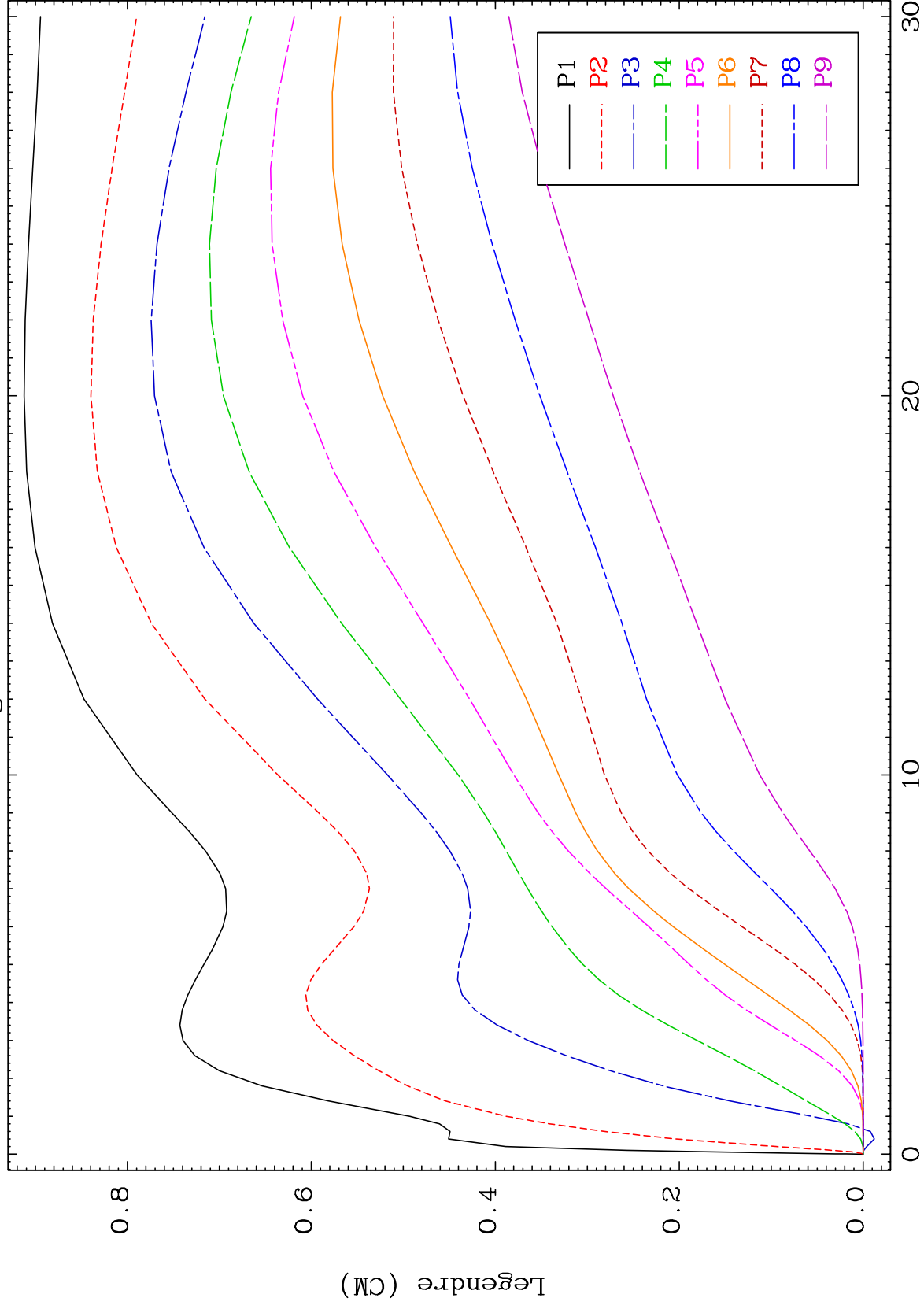




MAT 6107

Elastic Legendre Coefficients

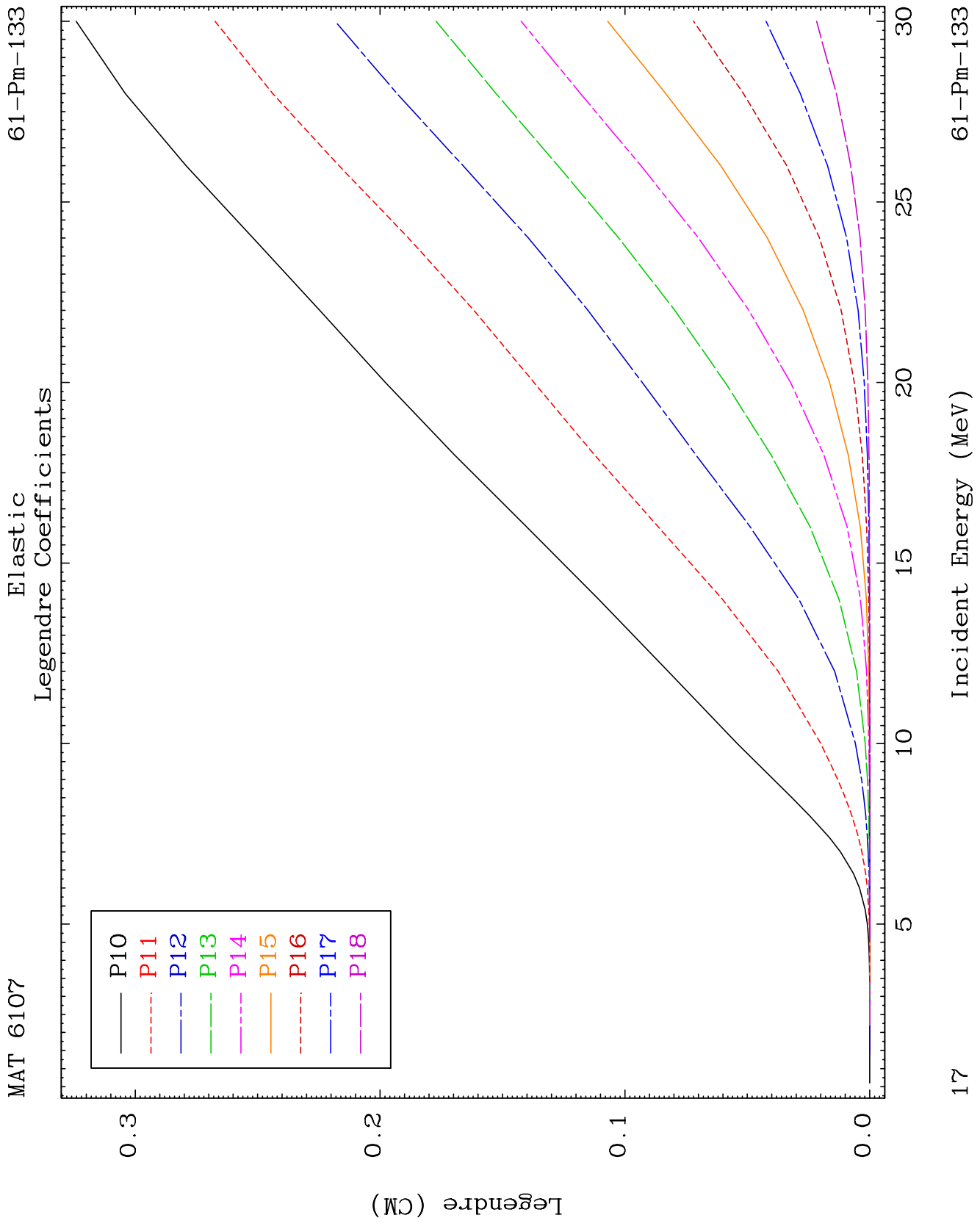
61-Pm-133



16

Incident Energy (MeV)

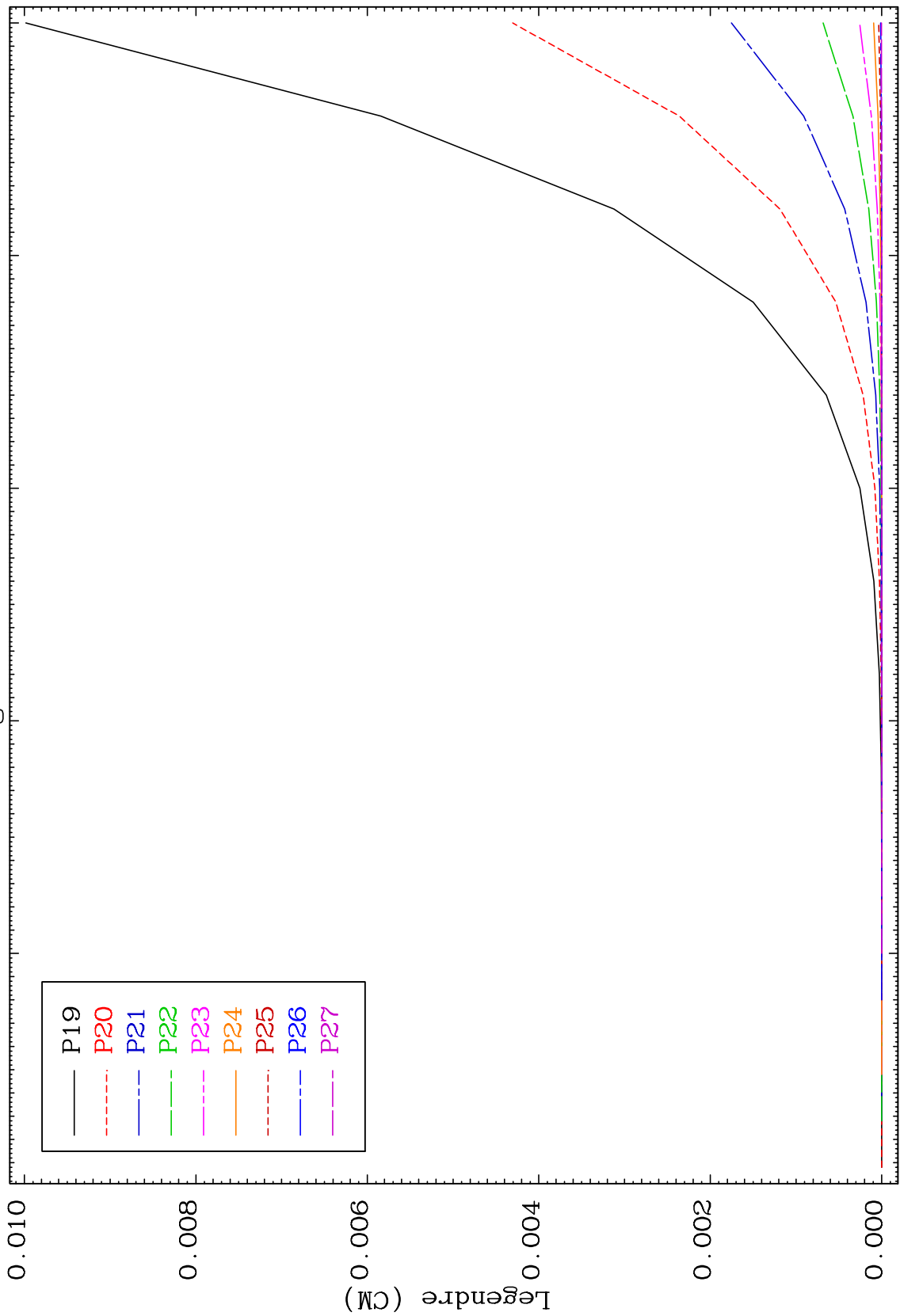
61-Pm-133



MAT 6107

Elastic Legendre Coefficients

61-Pm-133



18

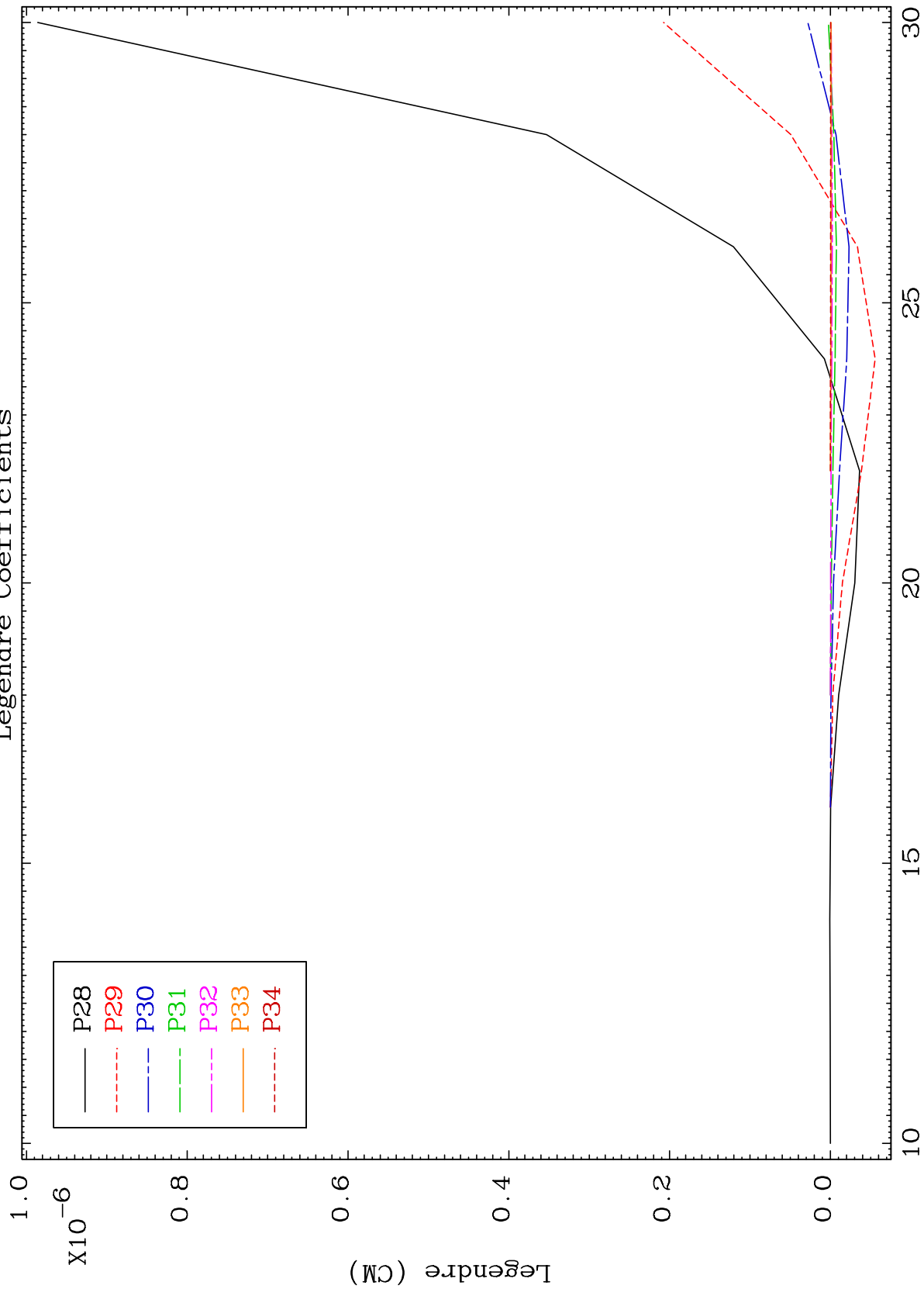
Incident Energy (MeV)

61-Pm-133

MAT 6107

Elastic
Legendre Coefficients

61-Pm-133



19

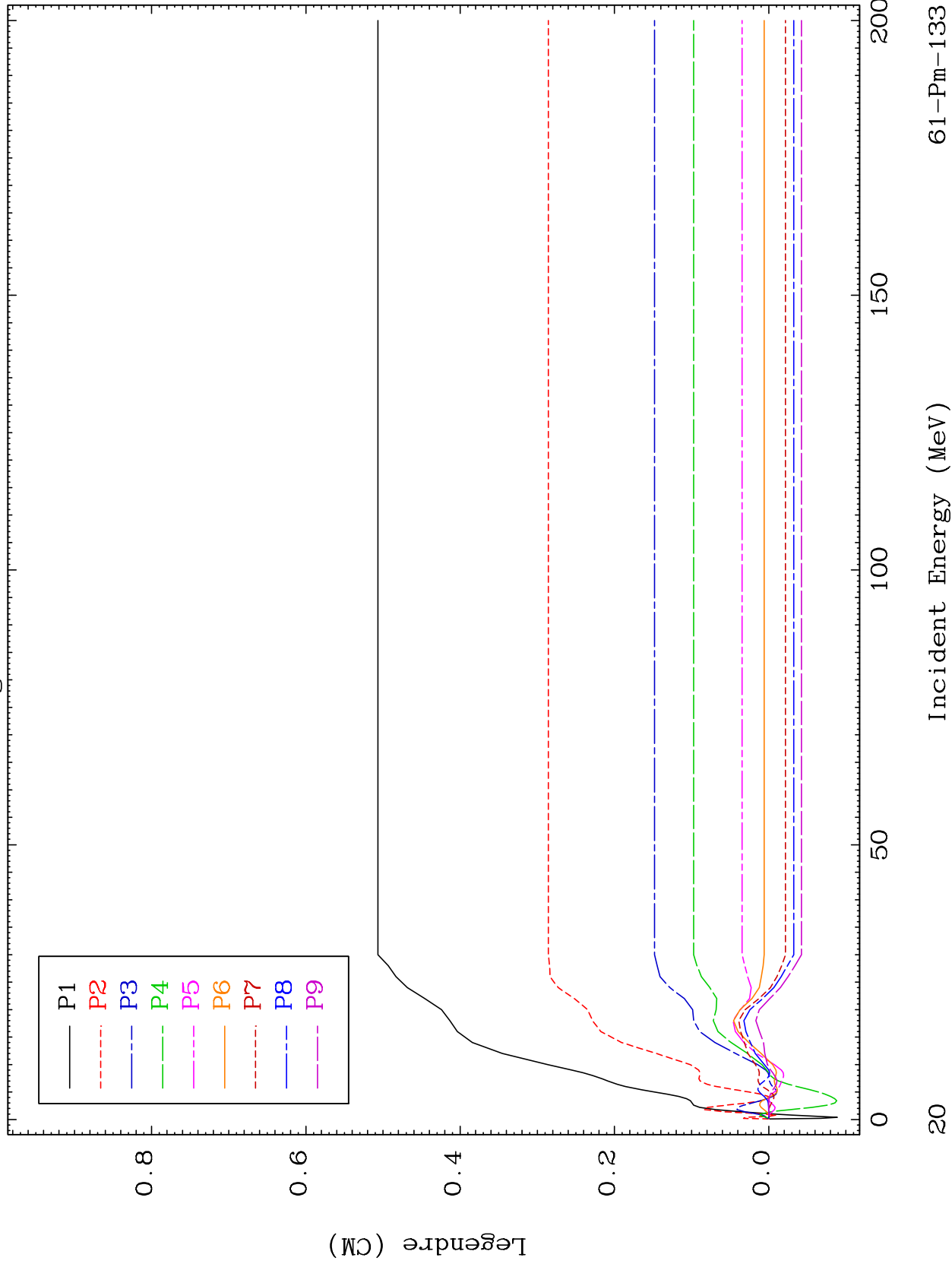
Incident Energy (MeV)

61-Pm-133

MAT 6107

84.48 keV (n, n') Level
Legendre Coefficients

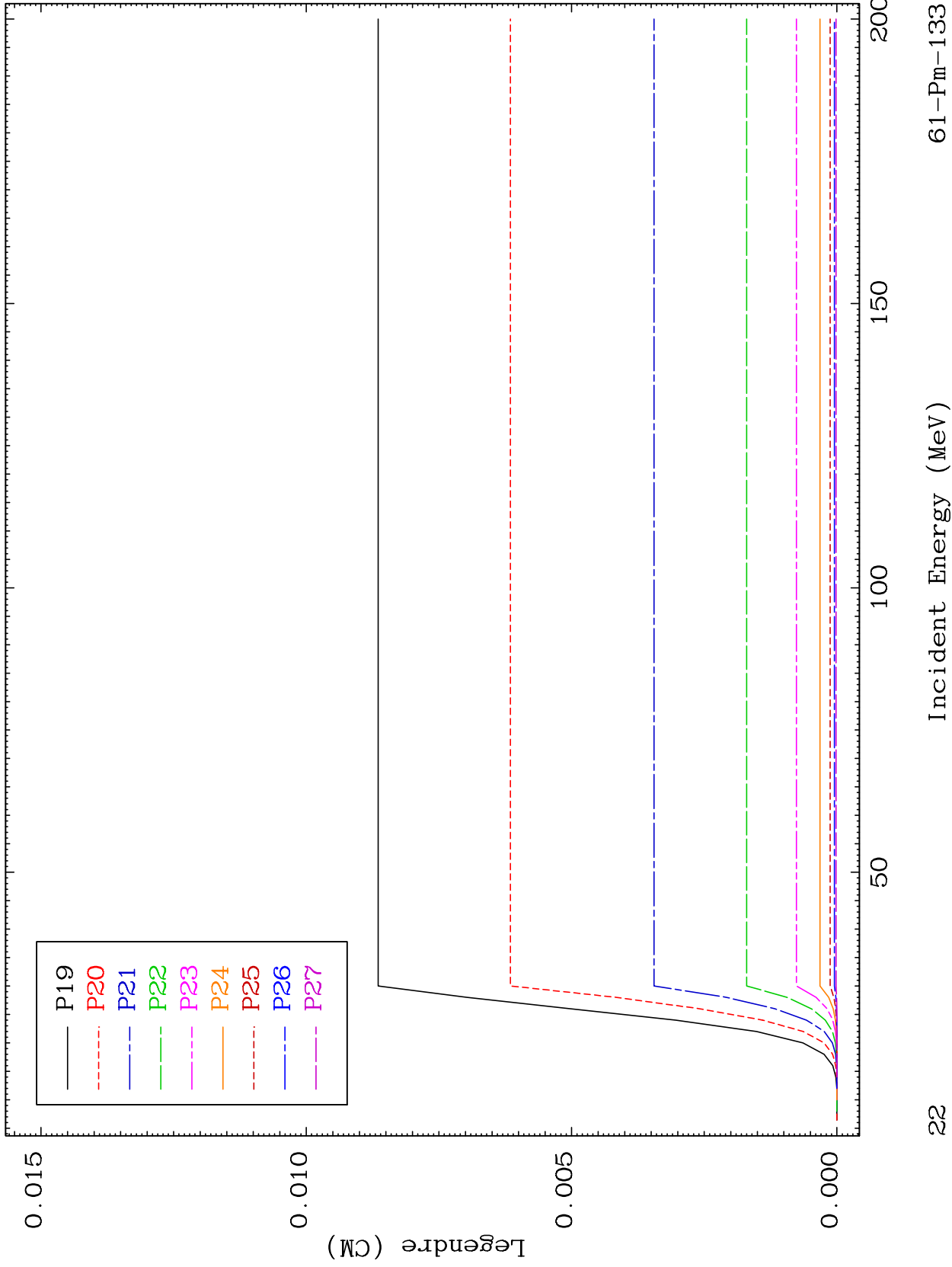
61-Pm-133



61-Pm-133

Incident Energy (MeV)

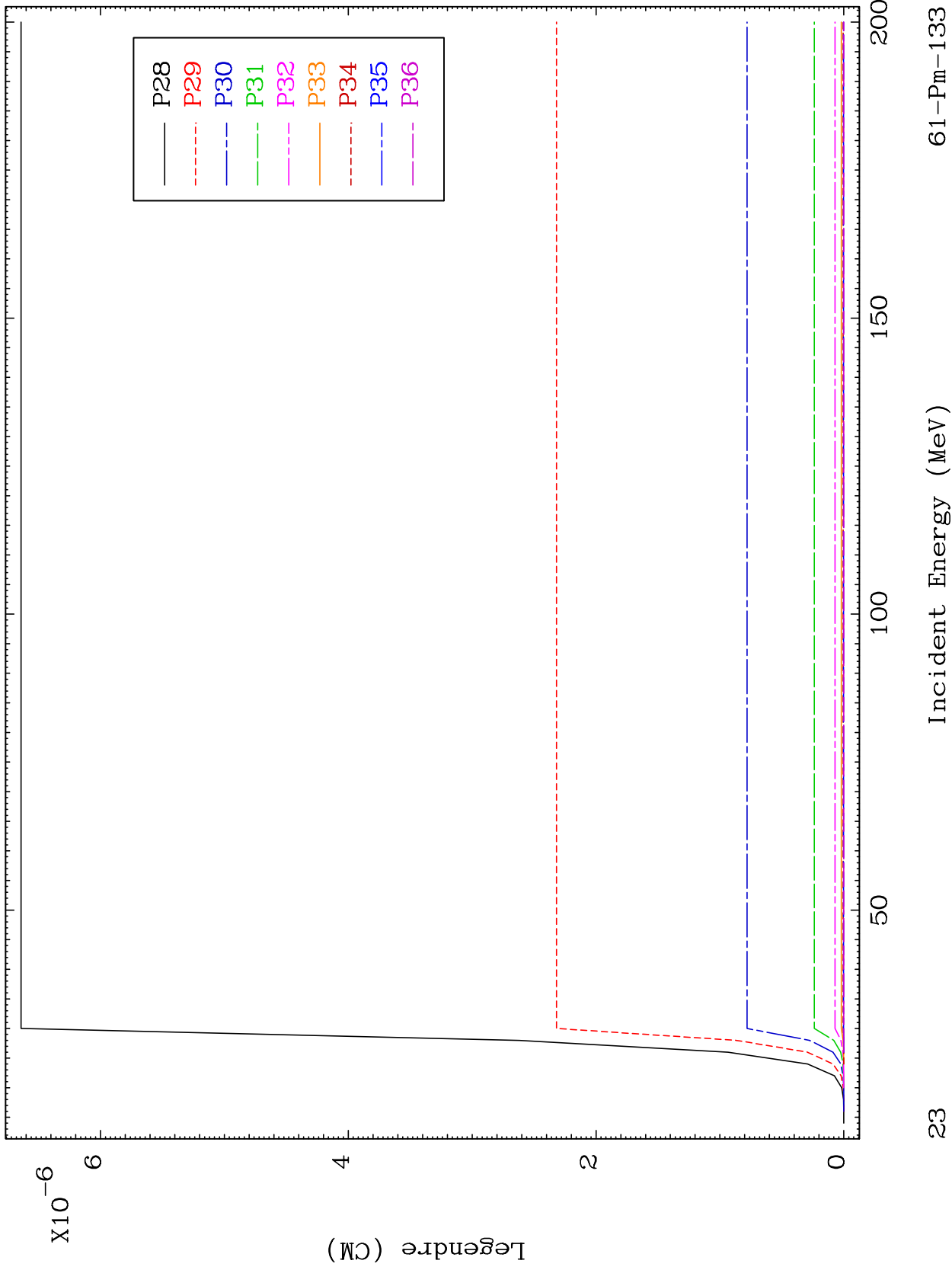
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MAT 6107

84.48 keV (n,n') Level
Legendre Coefficients

61-Pm-133



23

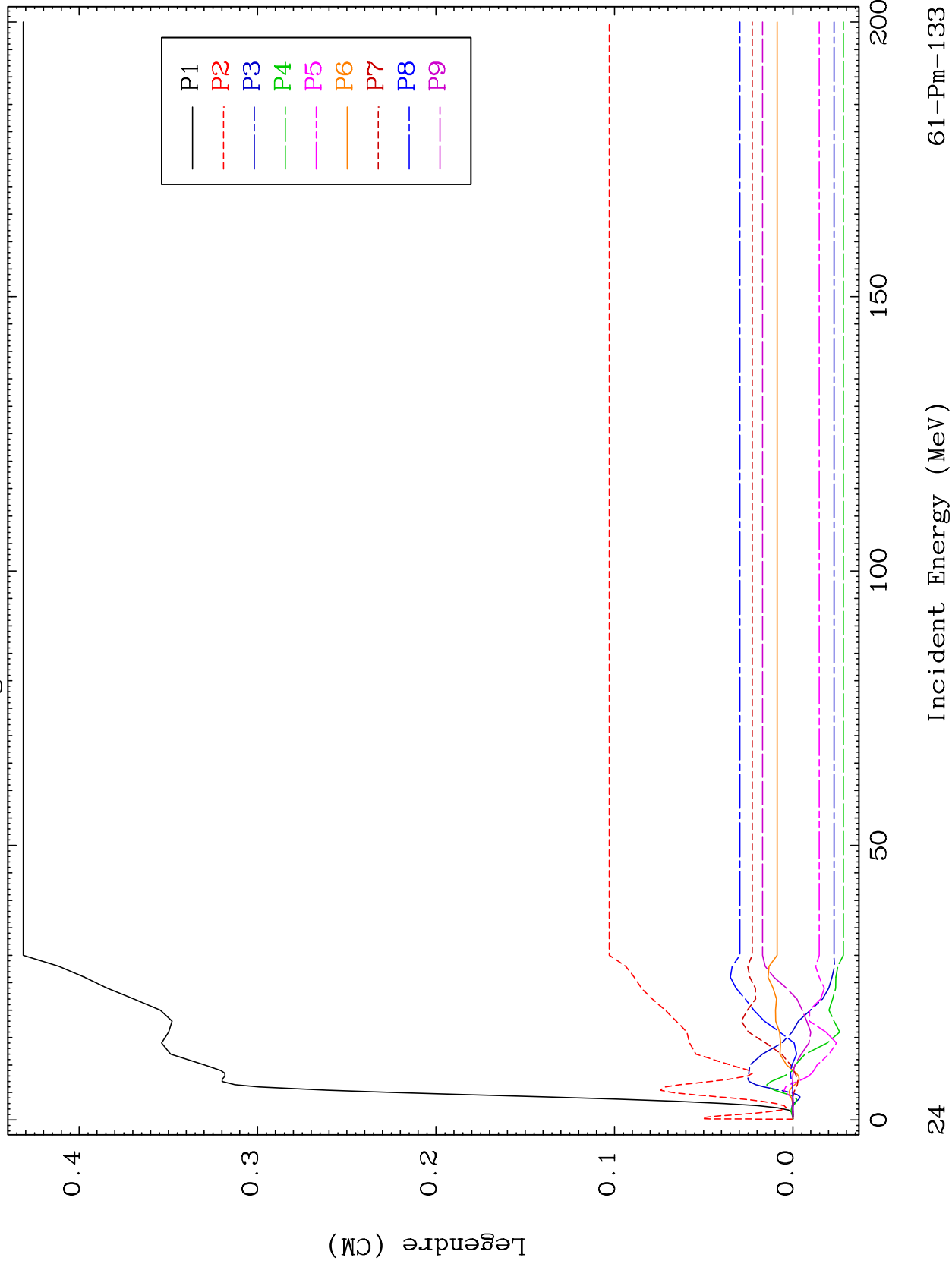
Incident Energy (MeV)

61-Pm-133

MAT 6107

129.7 keV (n,n') Level
Legendre Coefficients

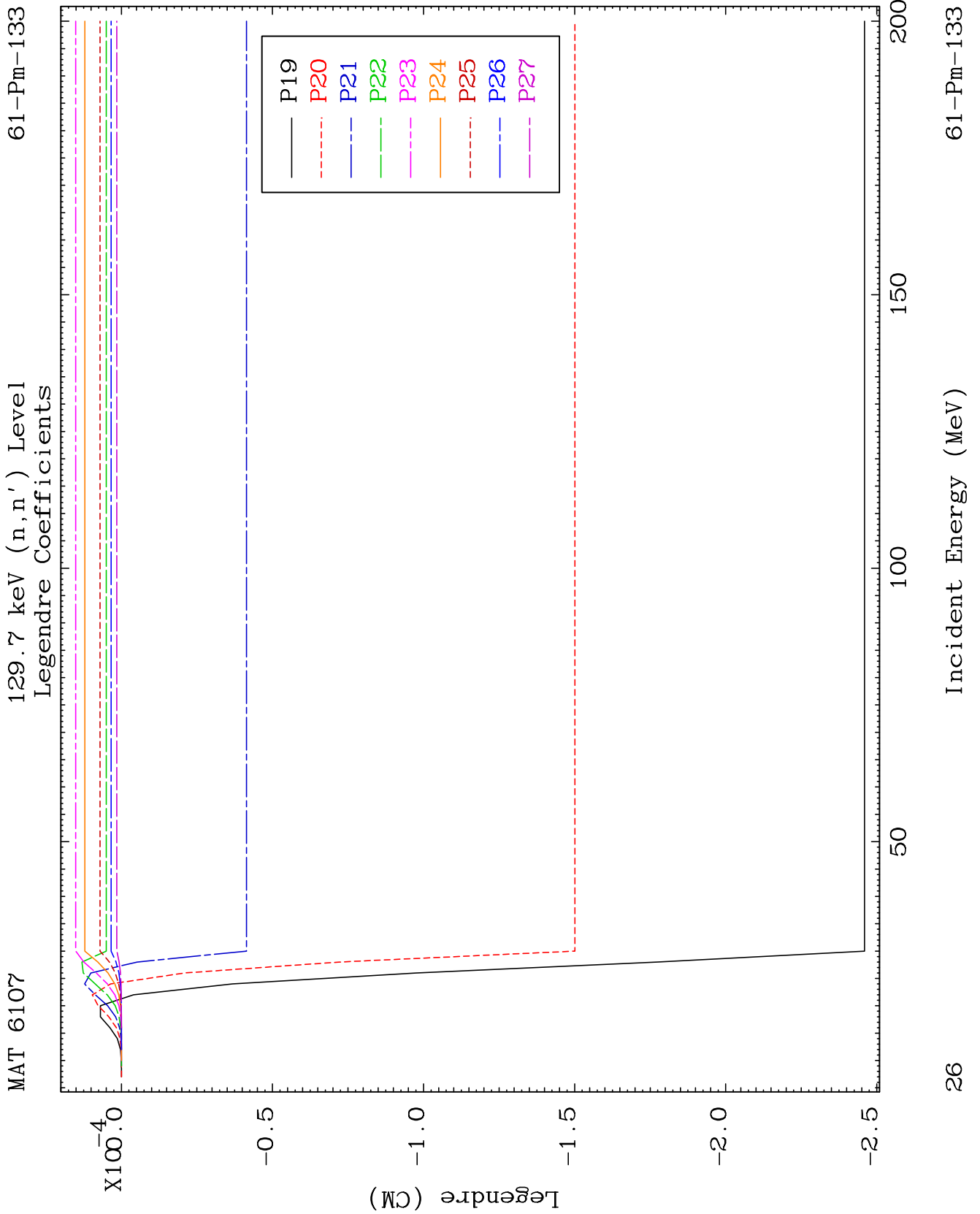
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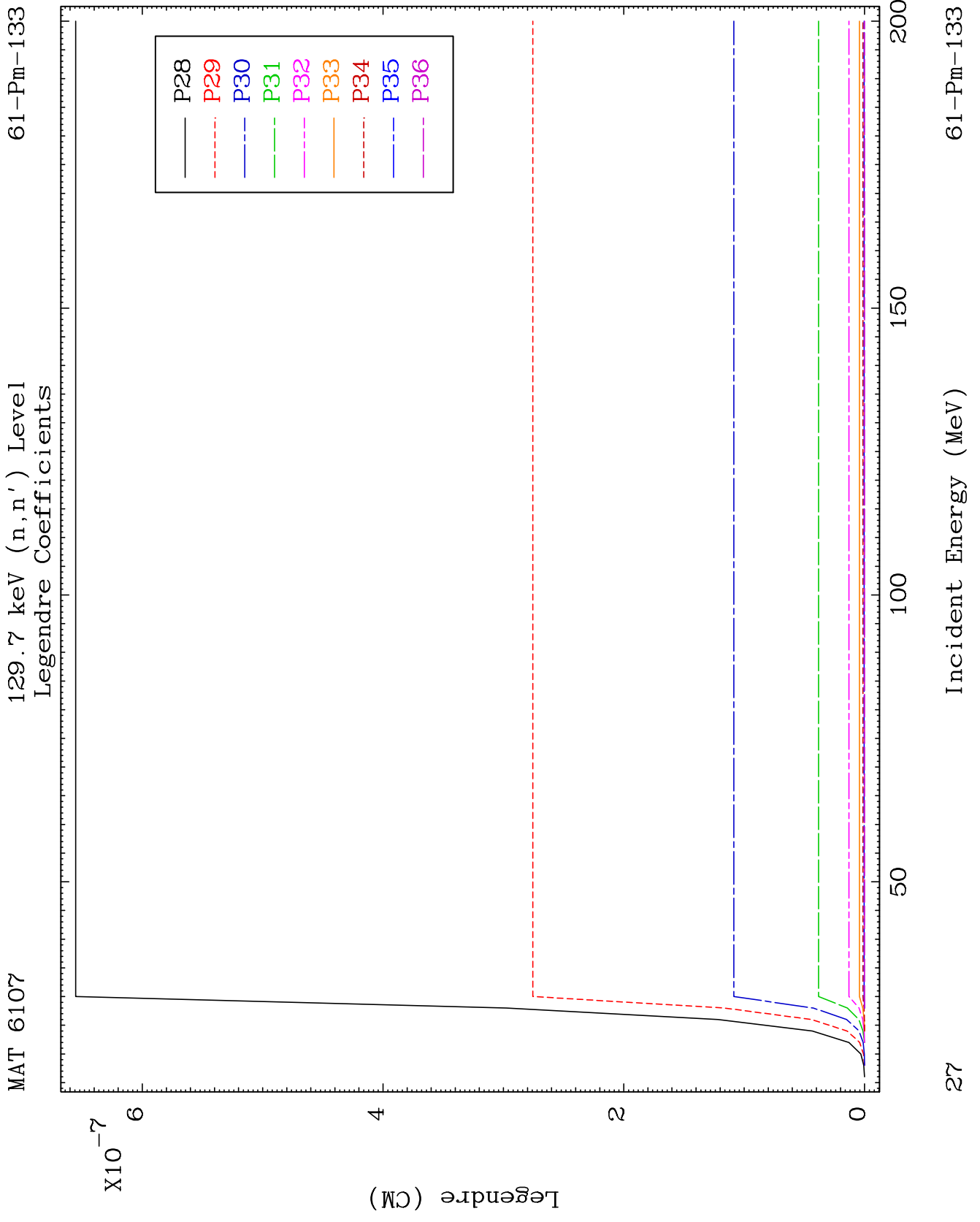


24

Incident Energy (MeV)

61-Pm-133

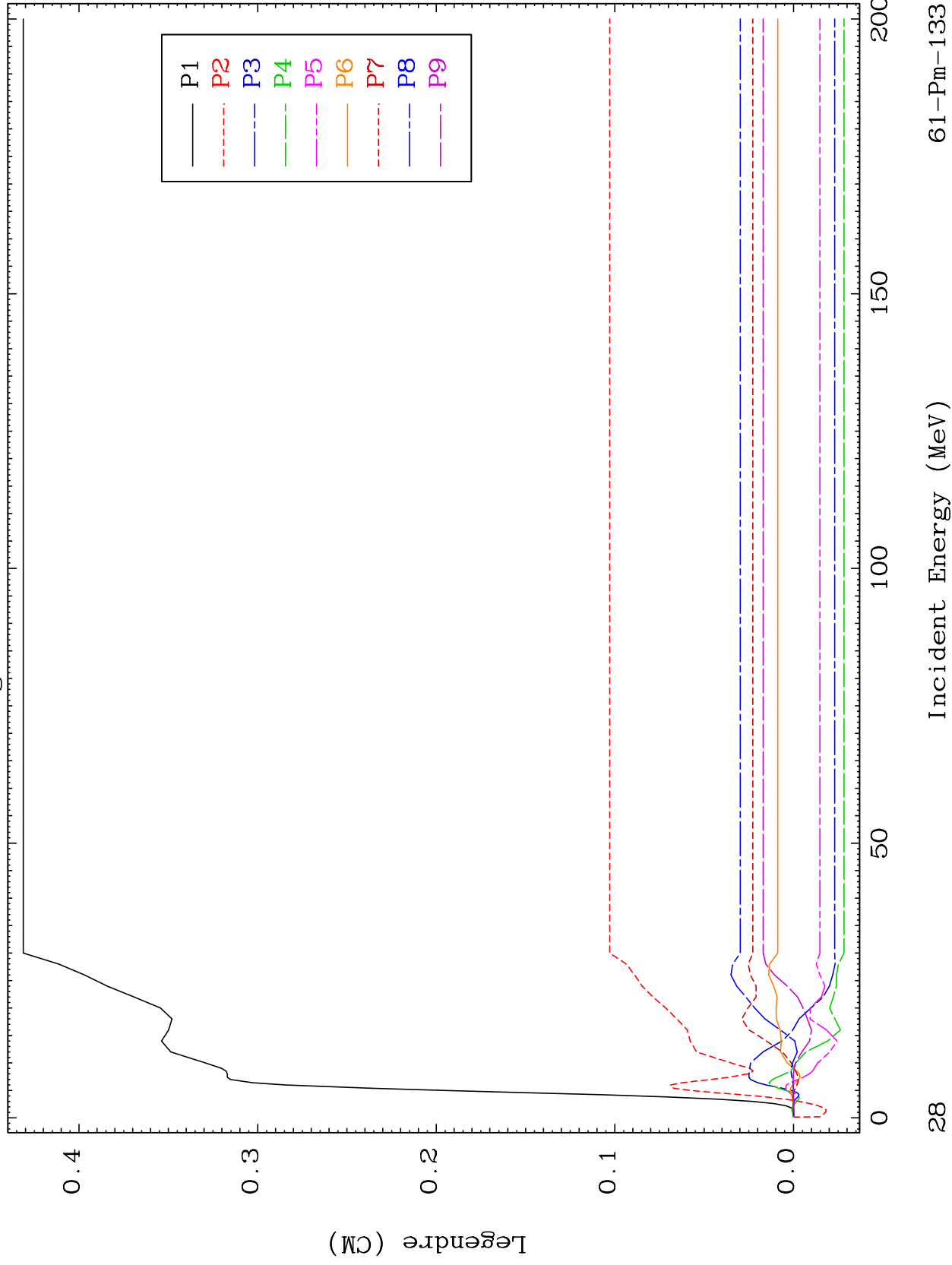




MAT 6107

147.9 keV (n, n') Level
Legendre Coefficients

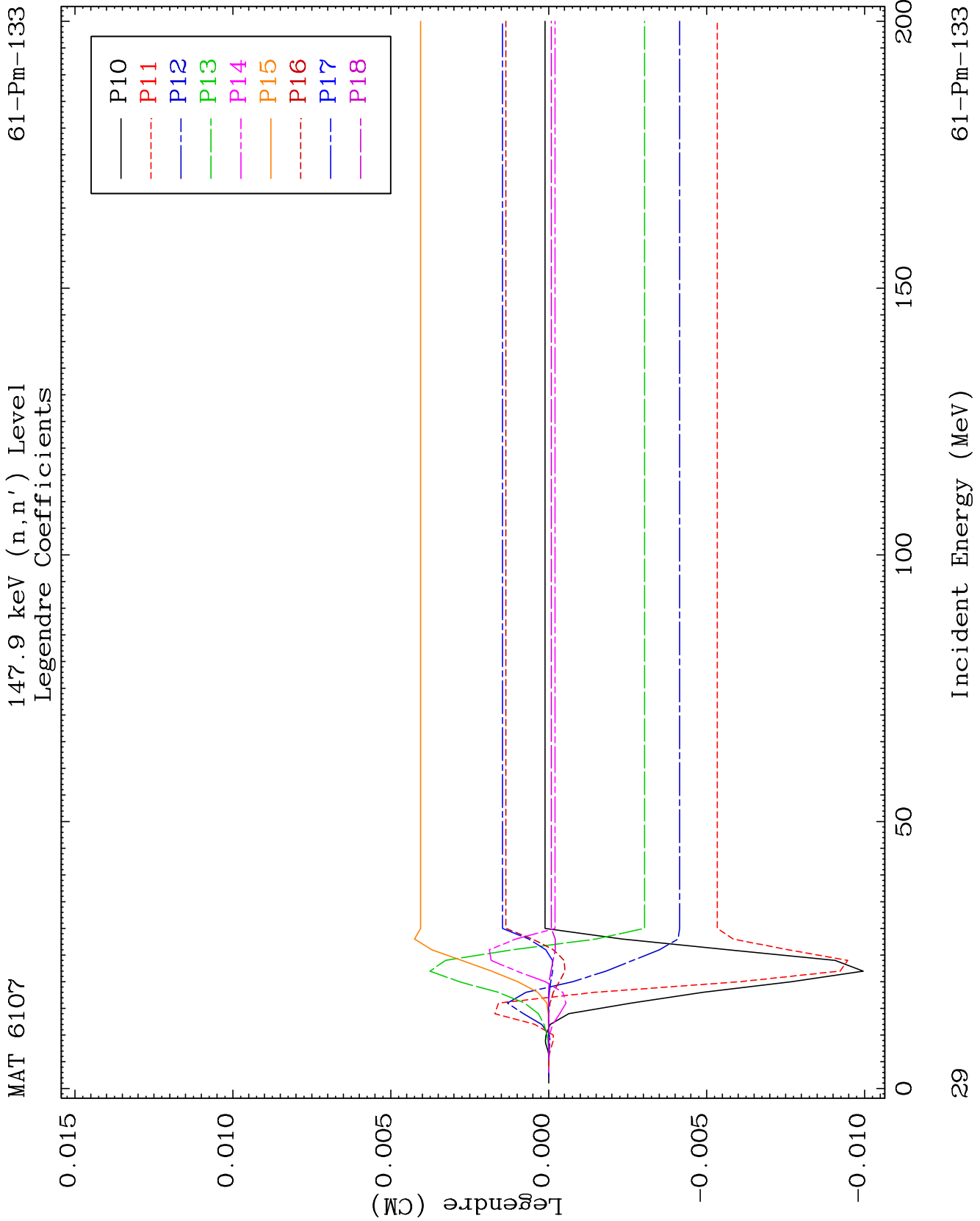
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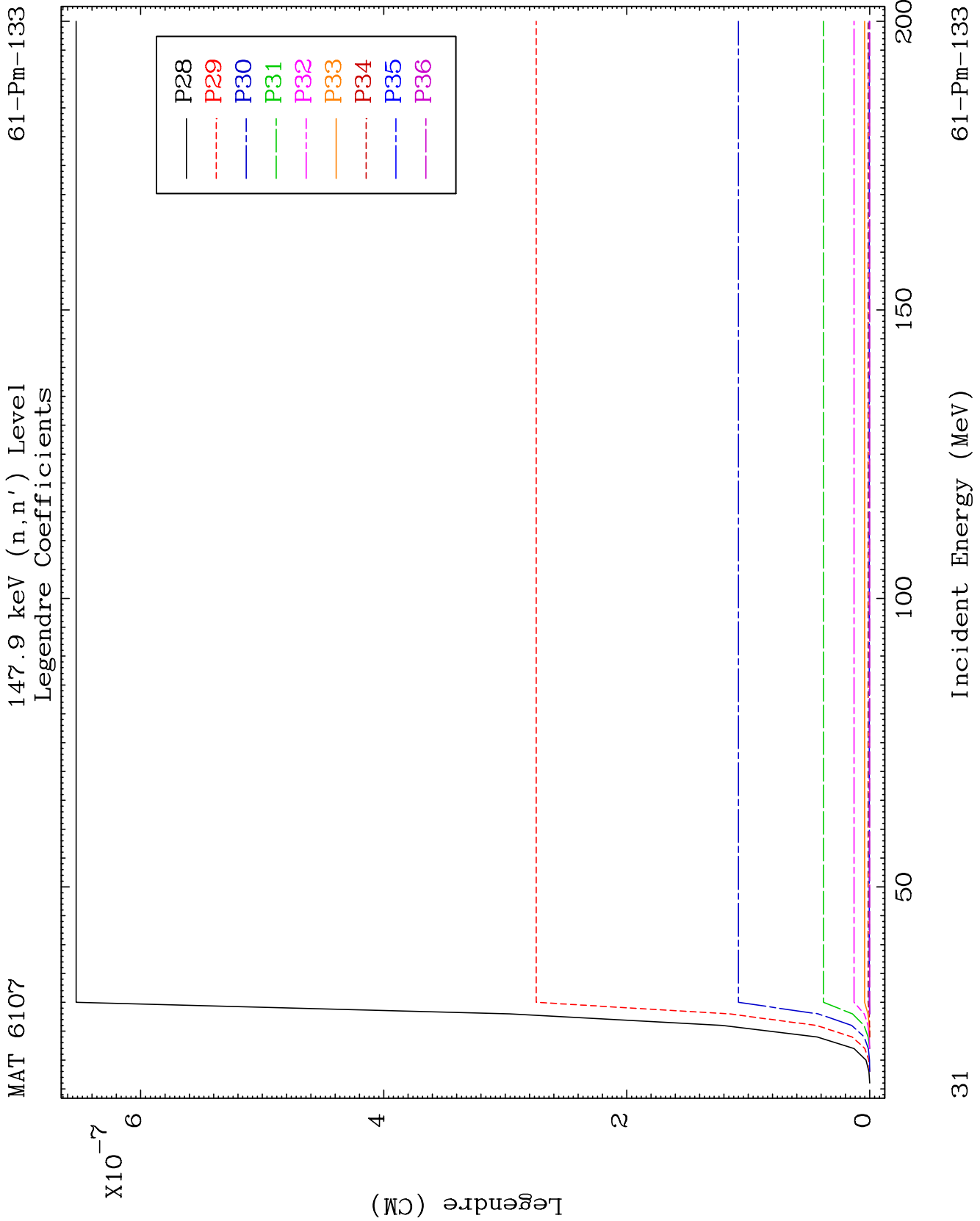


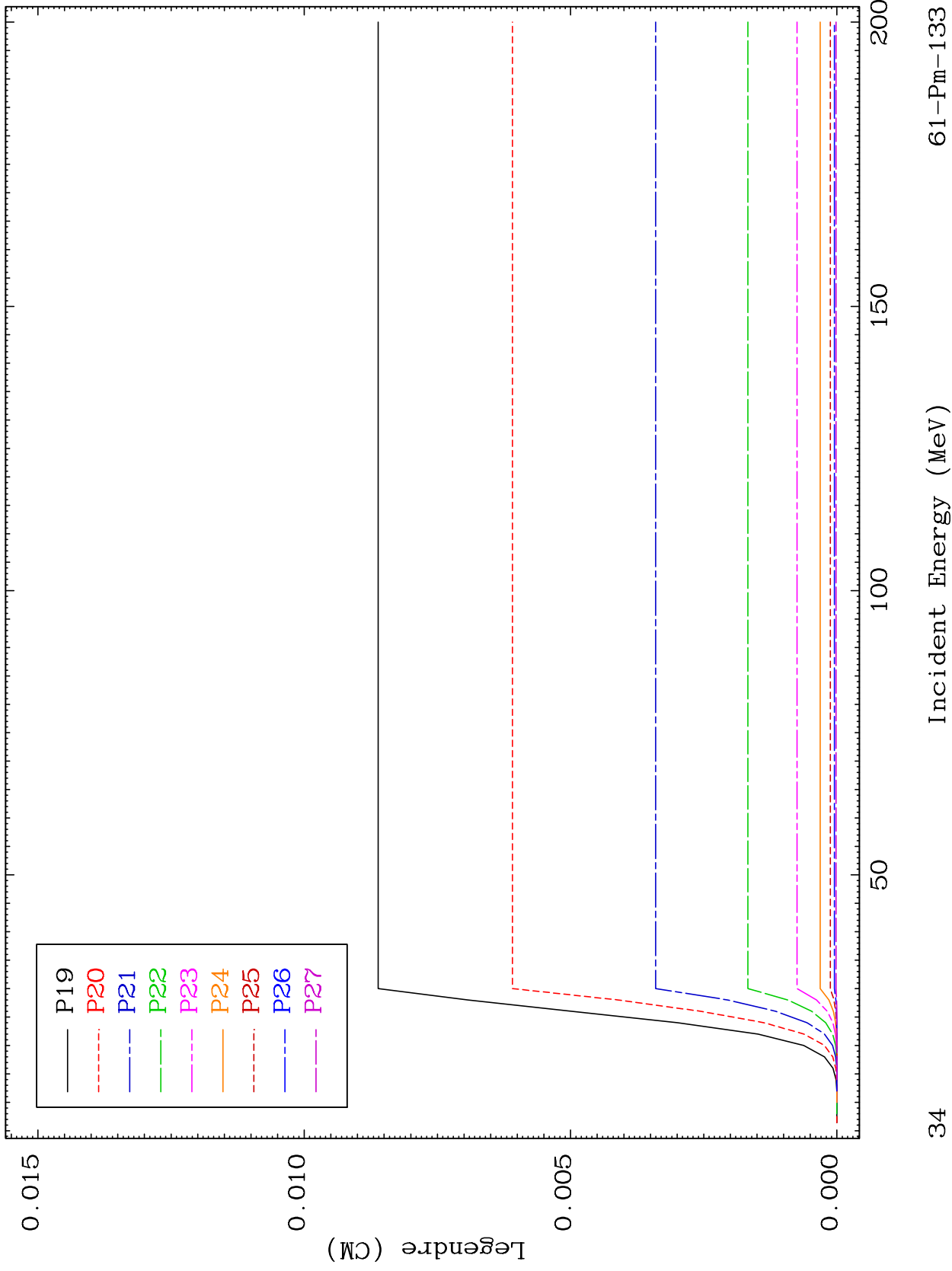
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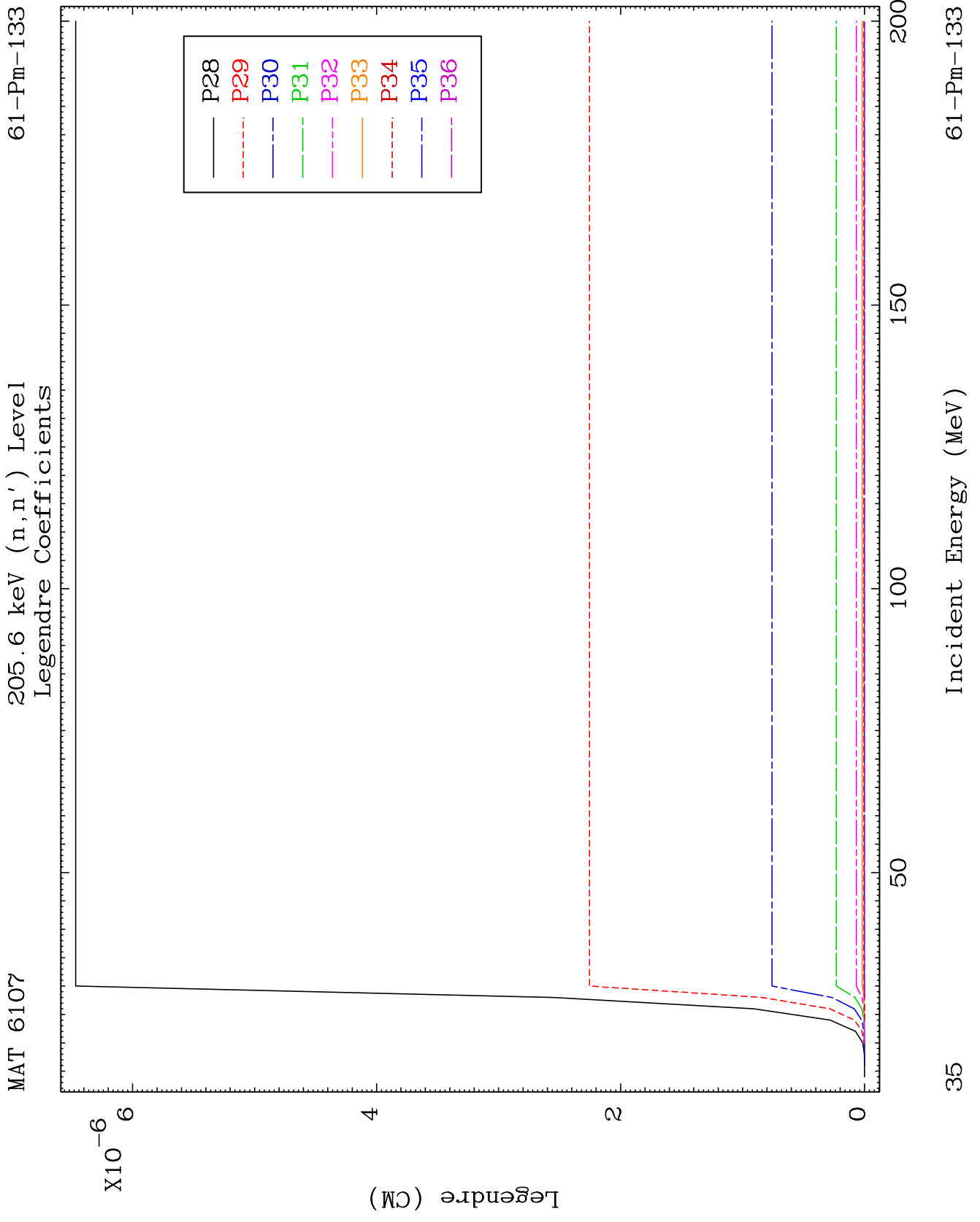
Incident Energy (MeV)

28





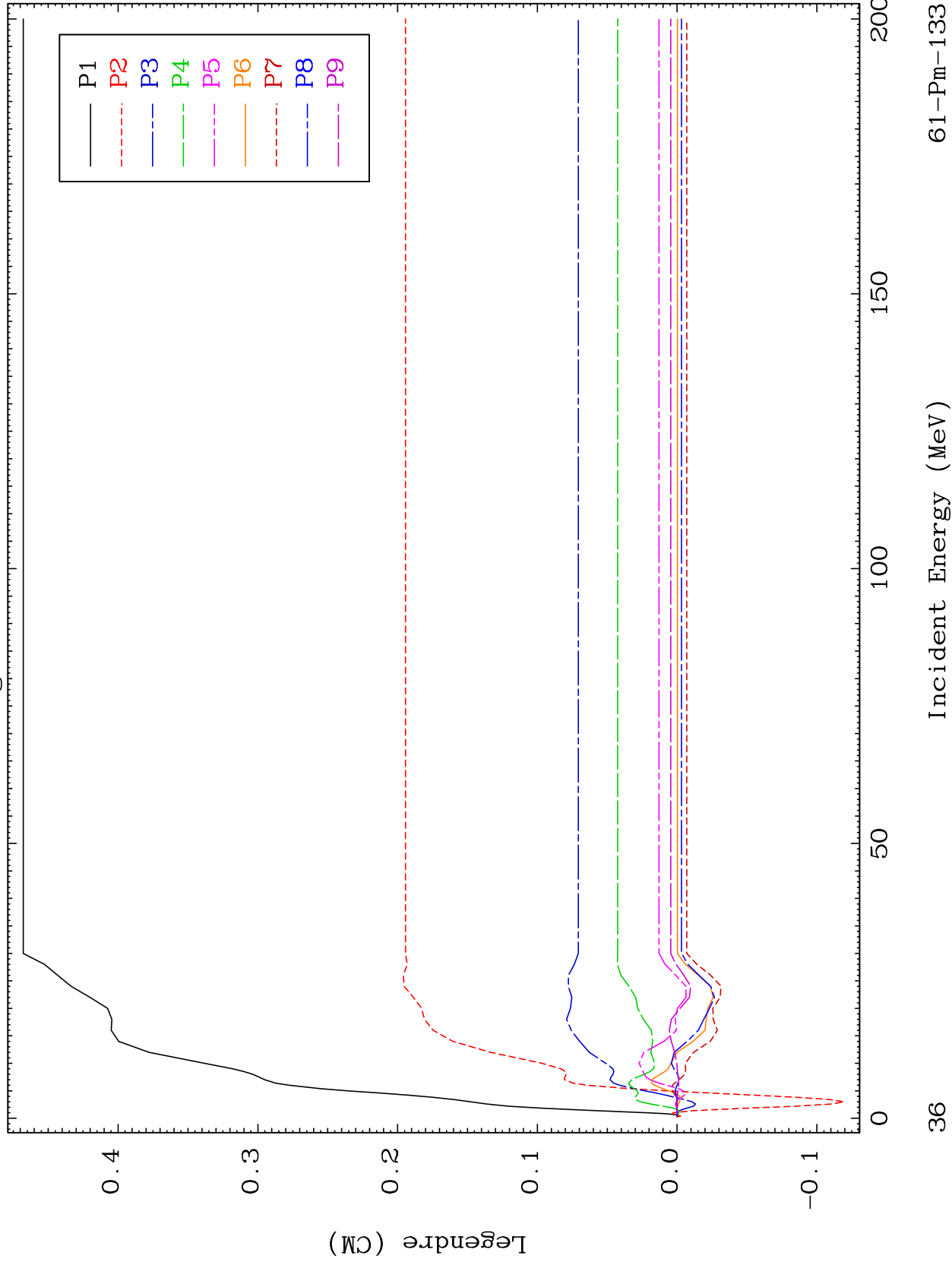




MAT 6107

214.2 keV (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

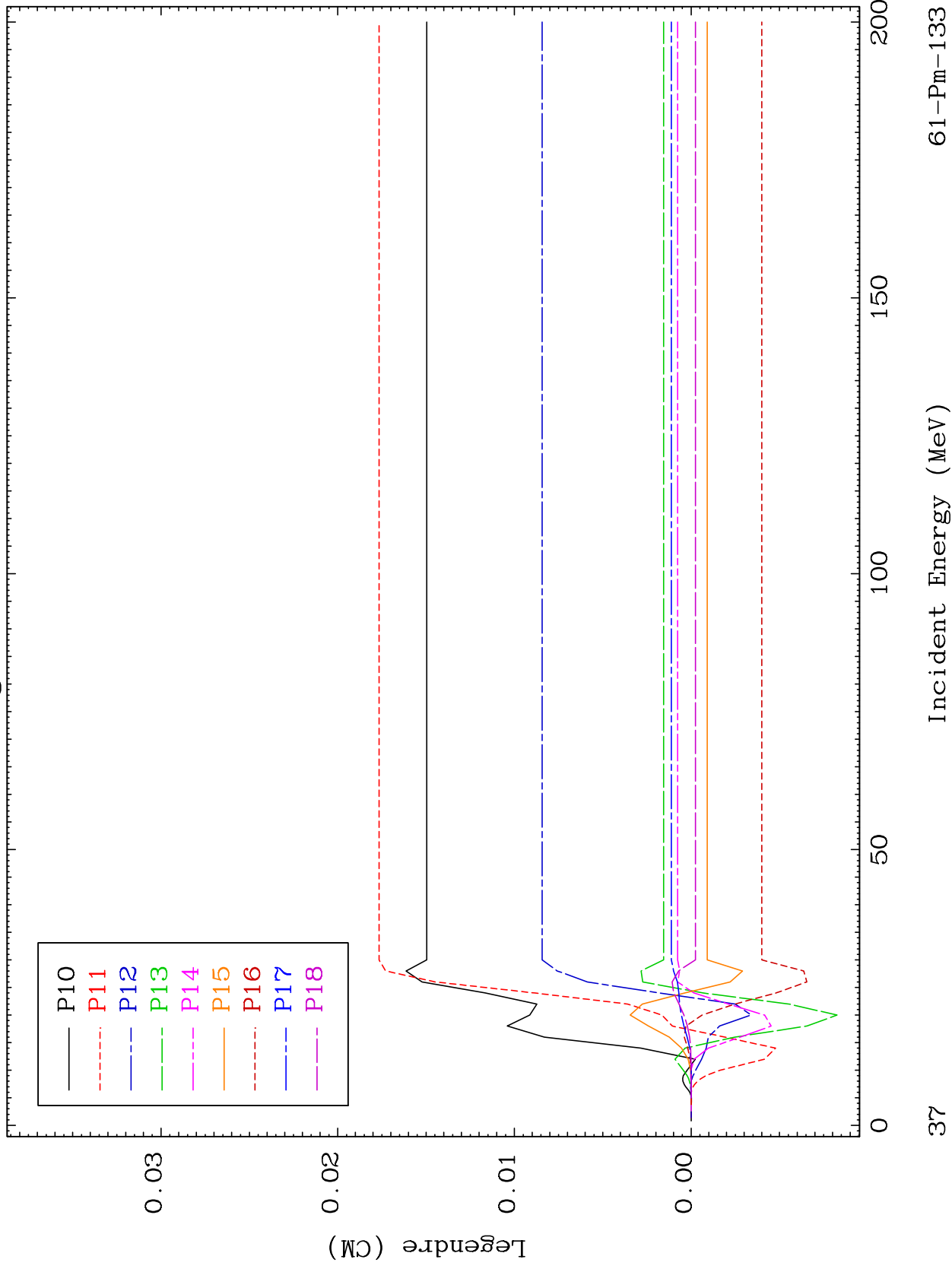
Incident Energy (MeV)

36

MAT 6107

214.2 keV (n, n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

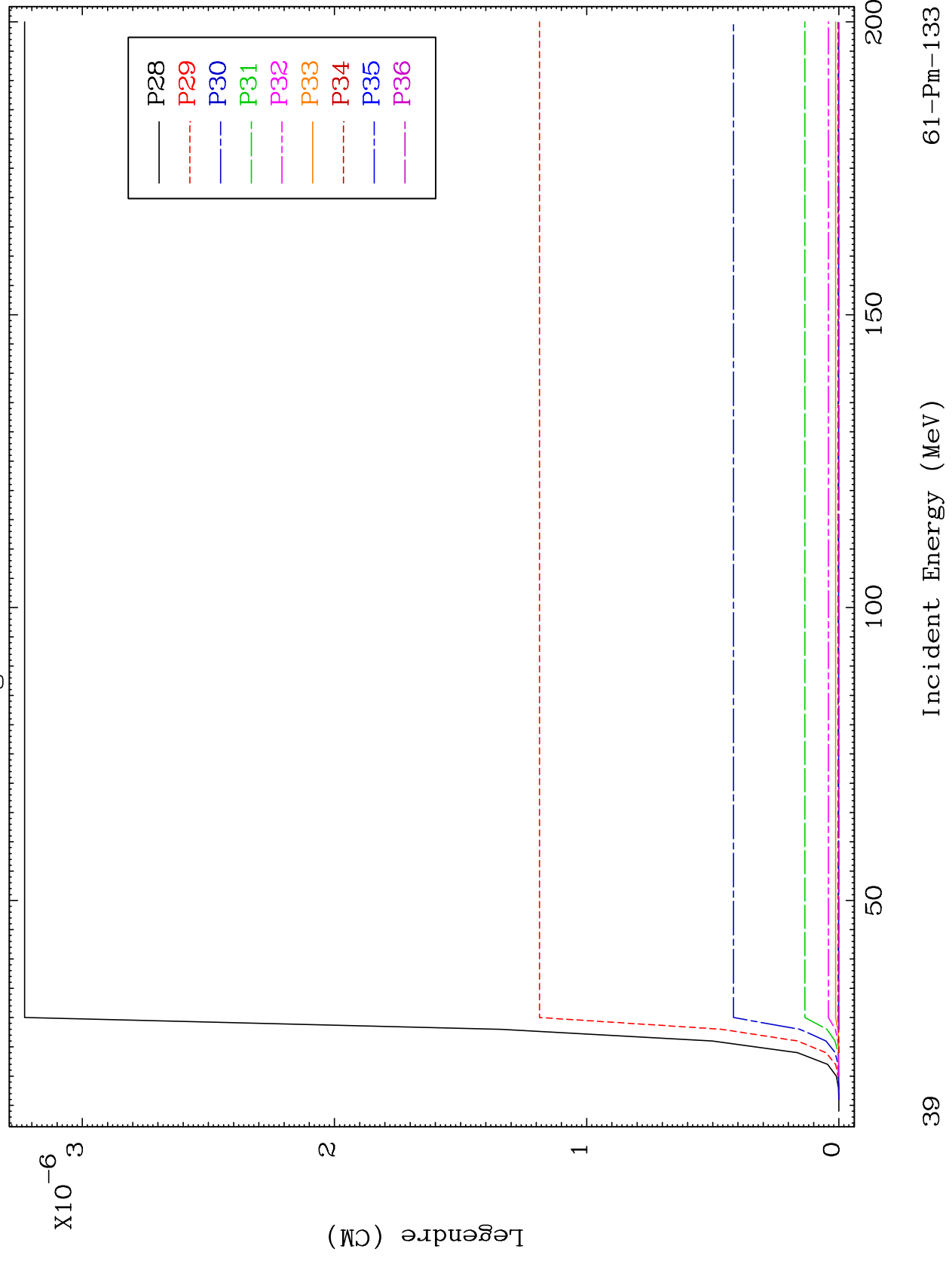
Incident Energy (MeV)

37

MAT 6107

214.2 keV (n,n') Level
Legendre Coefficients

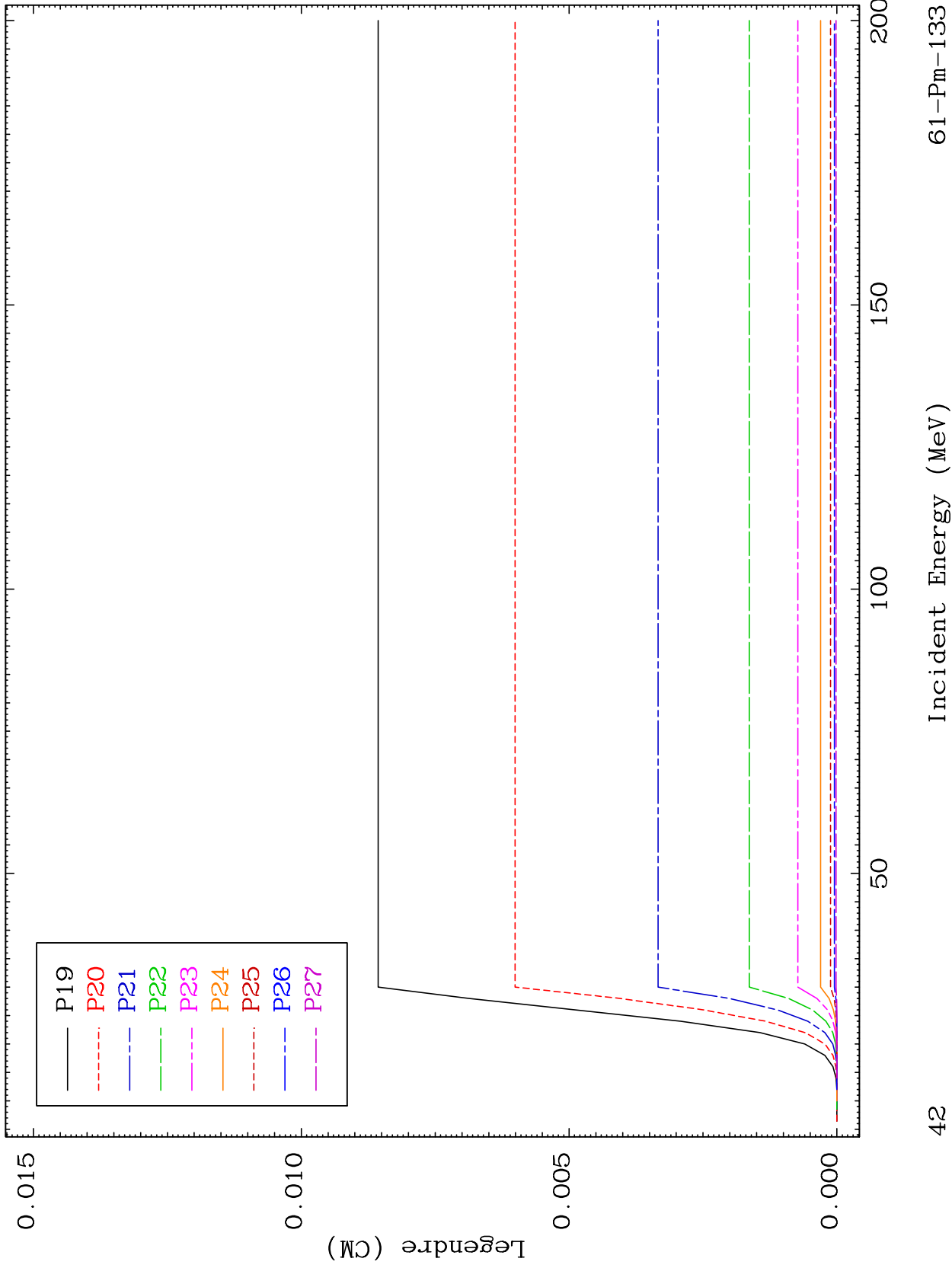
61-Pm-133



39

Incident Energy (MeV)

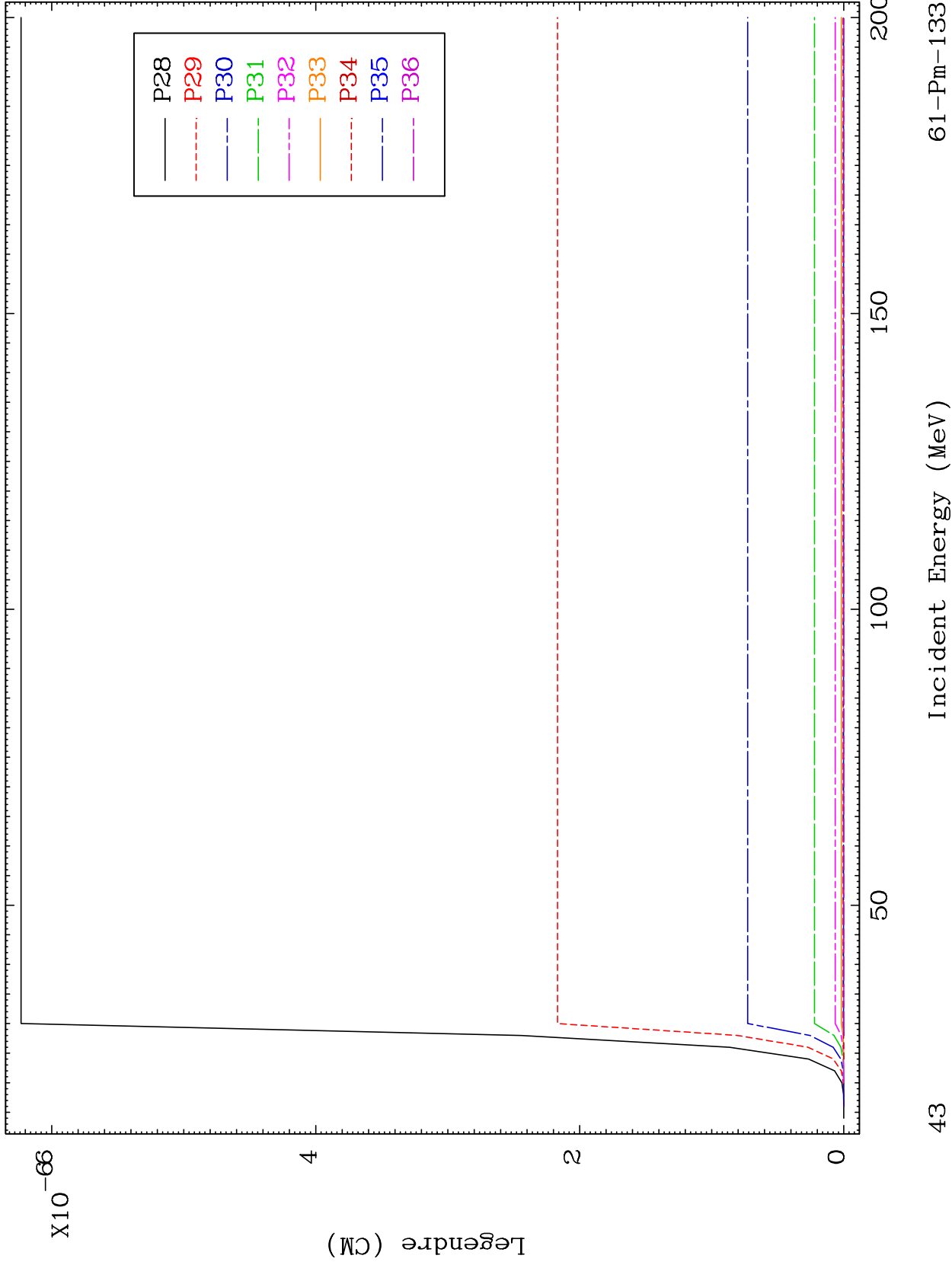
61-Pm-133



MAT 6107

371.9 keV (n,n') Level
Legendre Coefficients

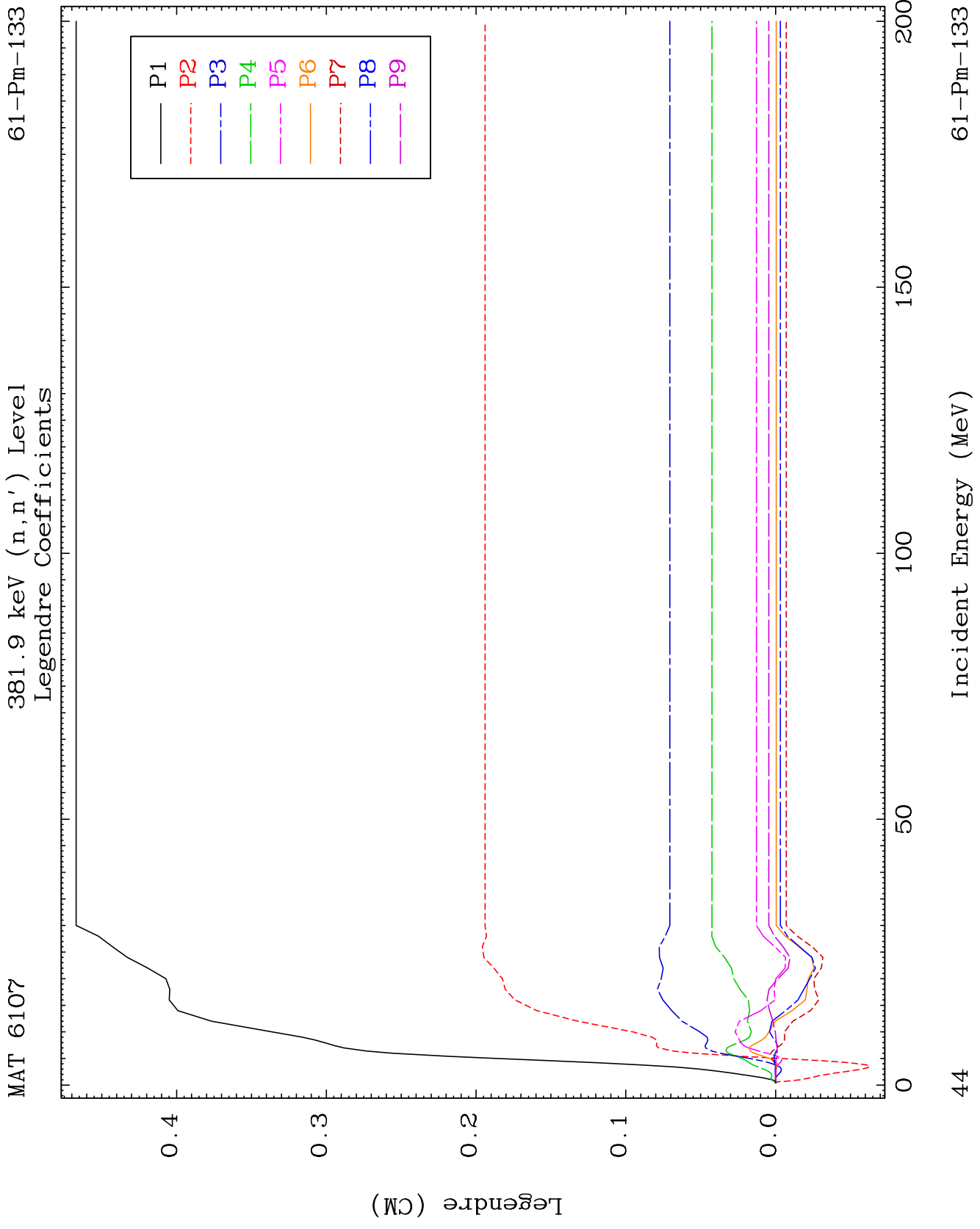
61-Pm-133



43

Incident Energy (MeV)

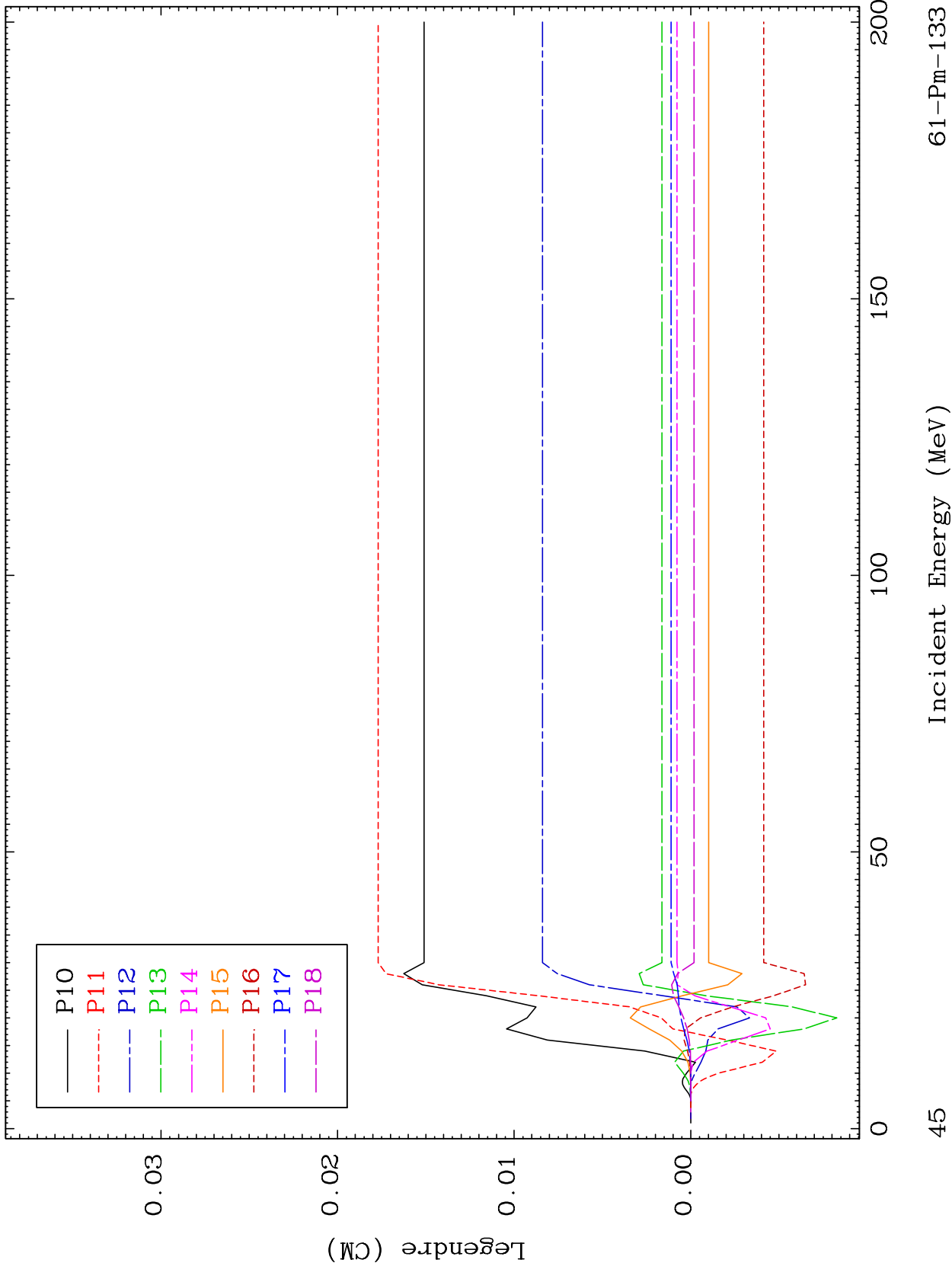
61-Pm-133



MAT 6107

381.9 keV (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

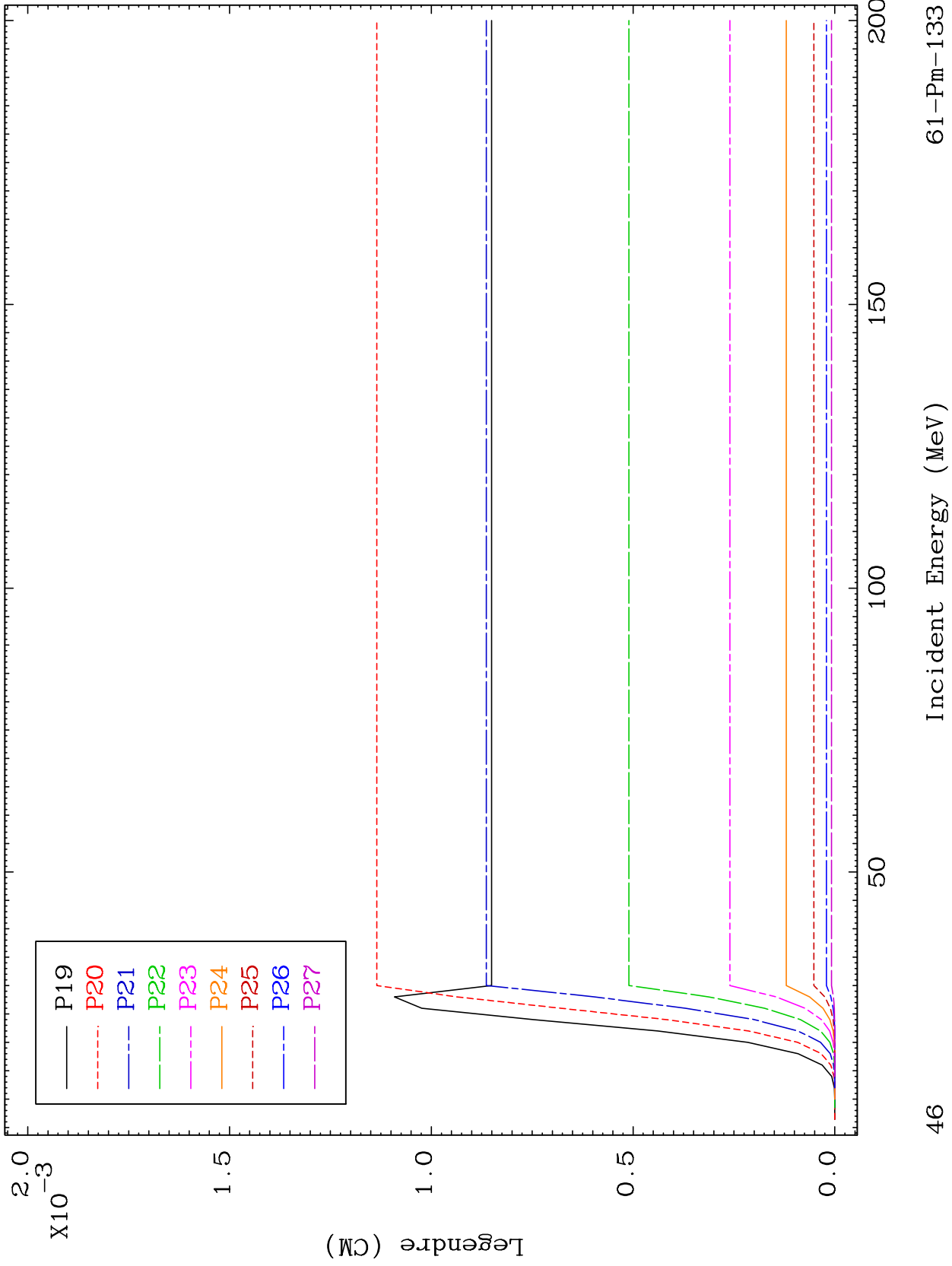
Incident Energy (MeV)

45

MAT 6107

381.9 keV (n,n') Level
Legendre Coefficients

61-Pm-133



46

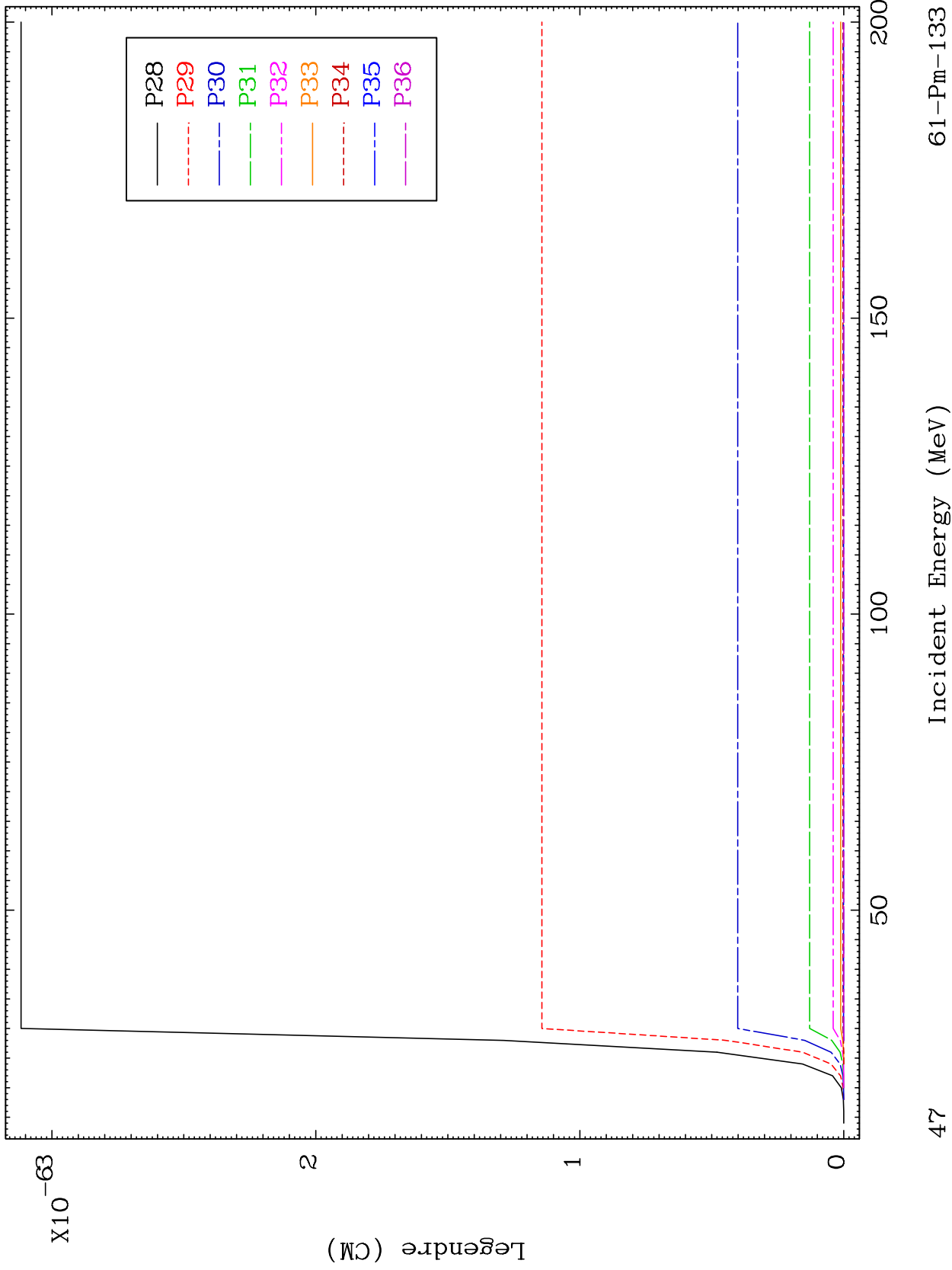
Incident Energy (MeV)

61-Pm-133

MAT 6107

381.9 keV (n,n') Level
Legendre Coefficients

61-Pm-133



47

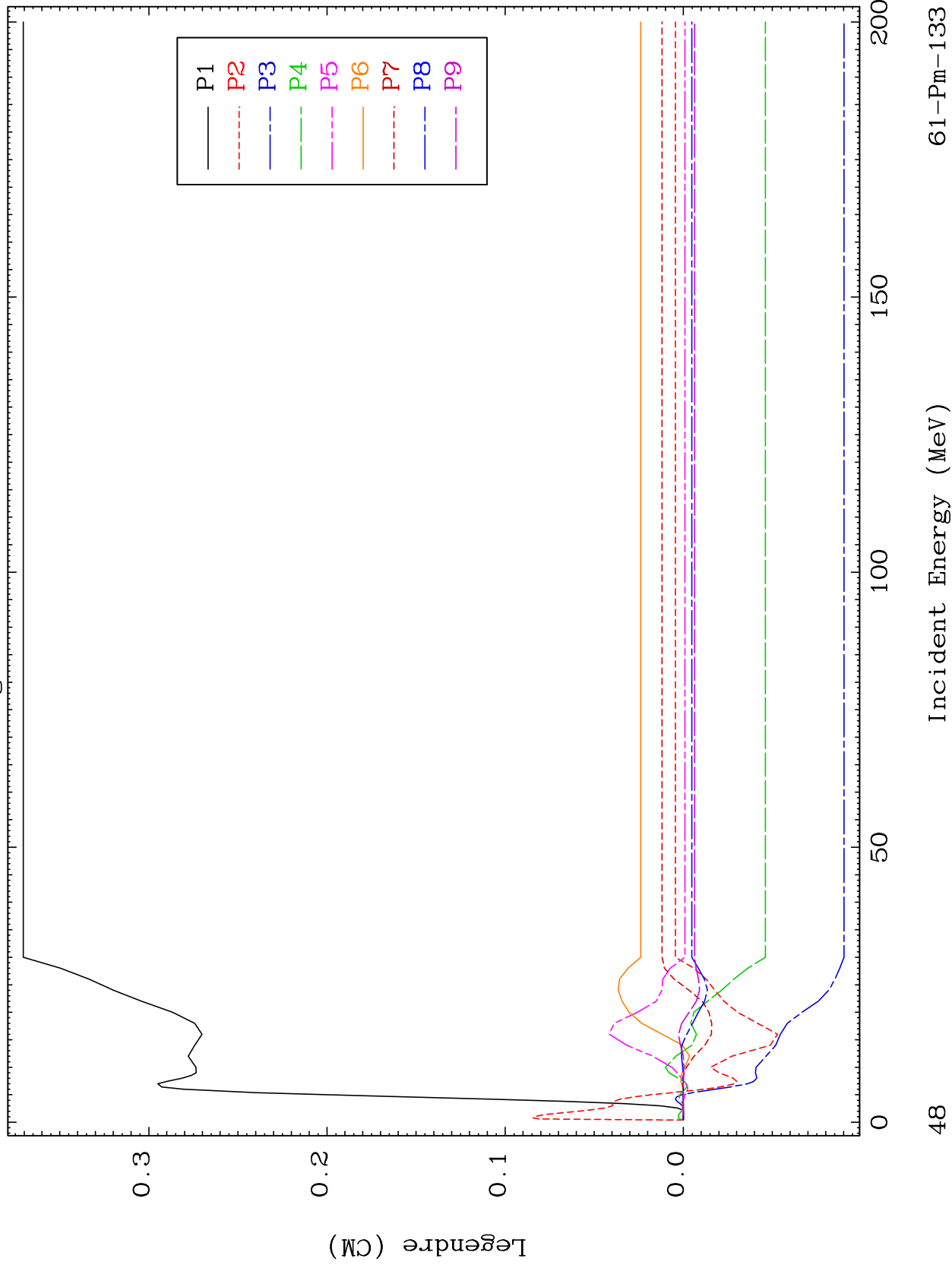
Incident Energy (MeV)

61-Pm-133

MAT 6107

396.2 keV (n, n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

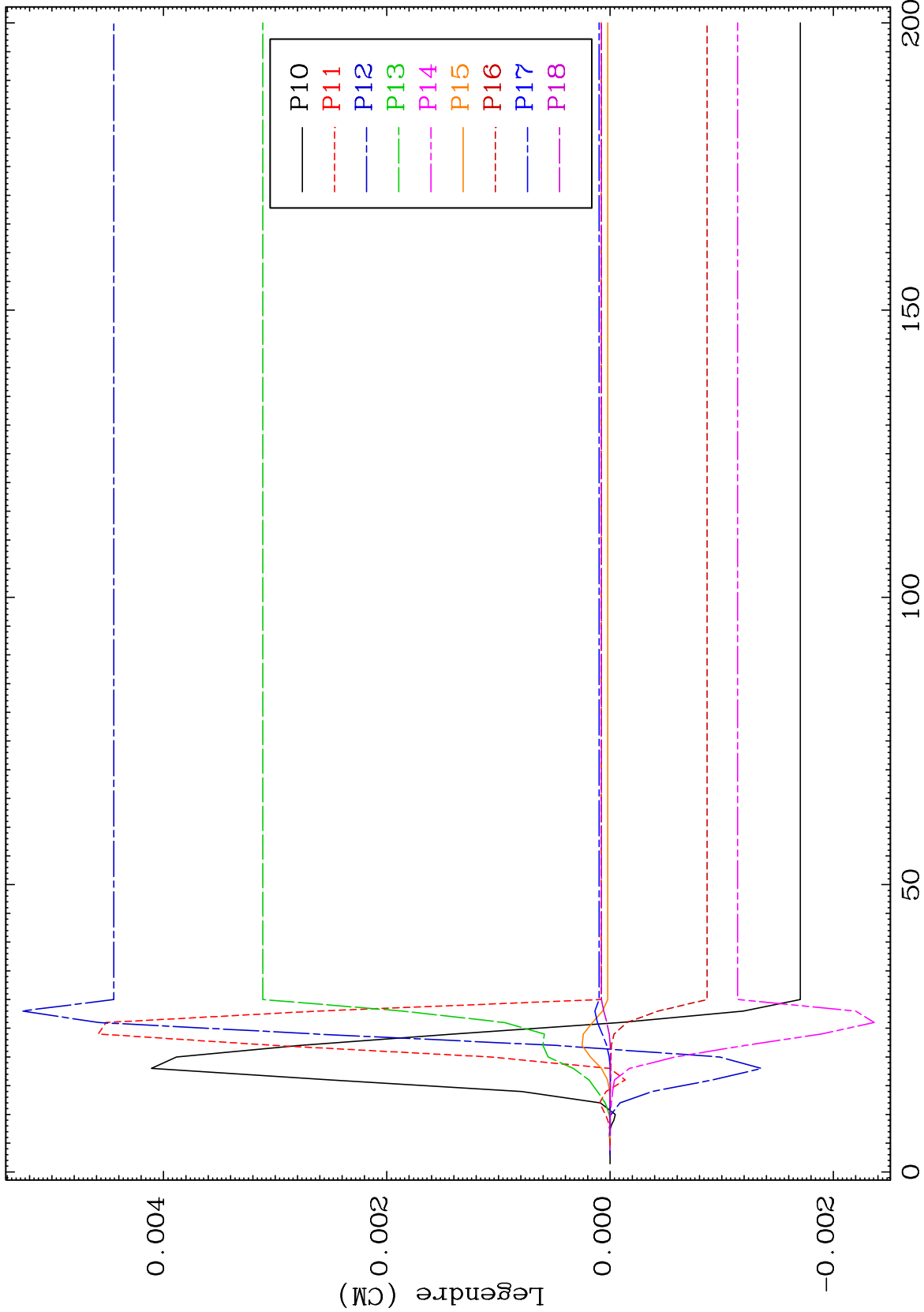
Incident Energy (MeV)

48

MAT 6107

396.2 keV (n,n') Level
Legendre Coefficients

61-Pm-133



49

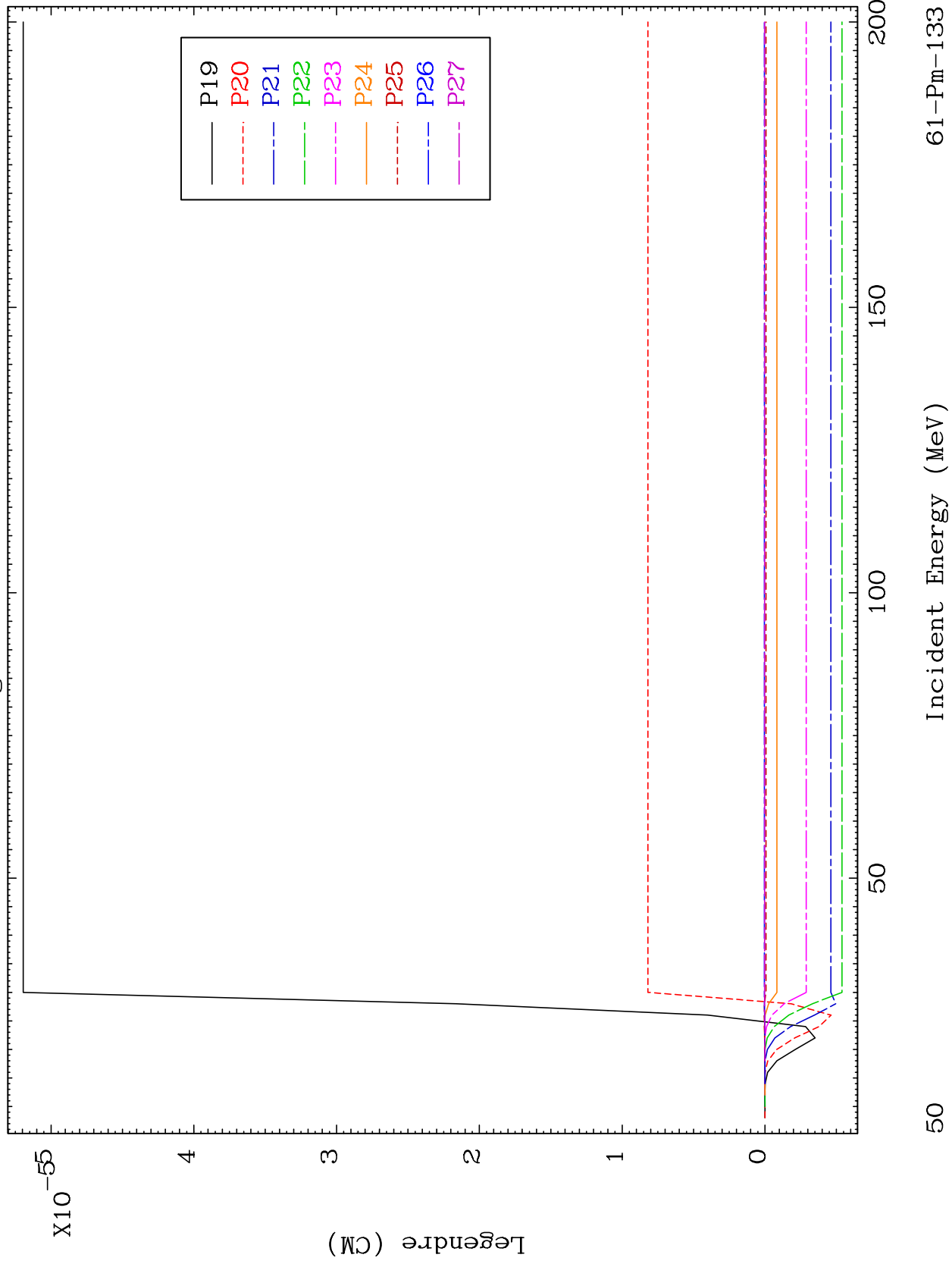
Incident Energy (MeV)

61-Pm-133

MAT 6107

396.2 keV (n, n') Level
Legendre Coefficients

61-Pm-133



50

Incident Energy (MeV)

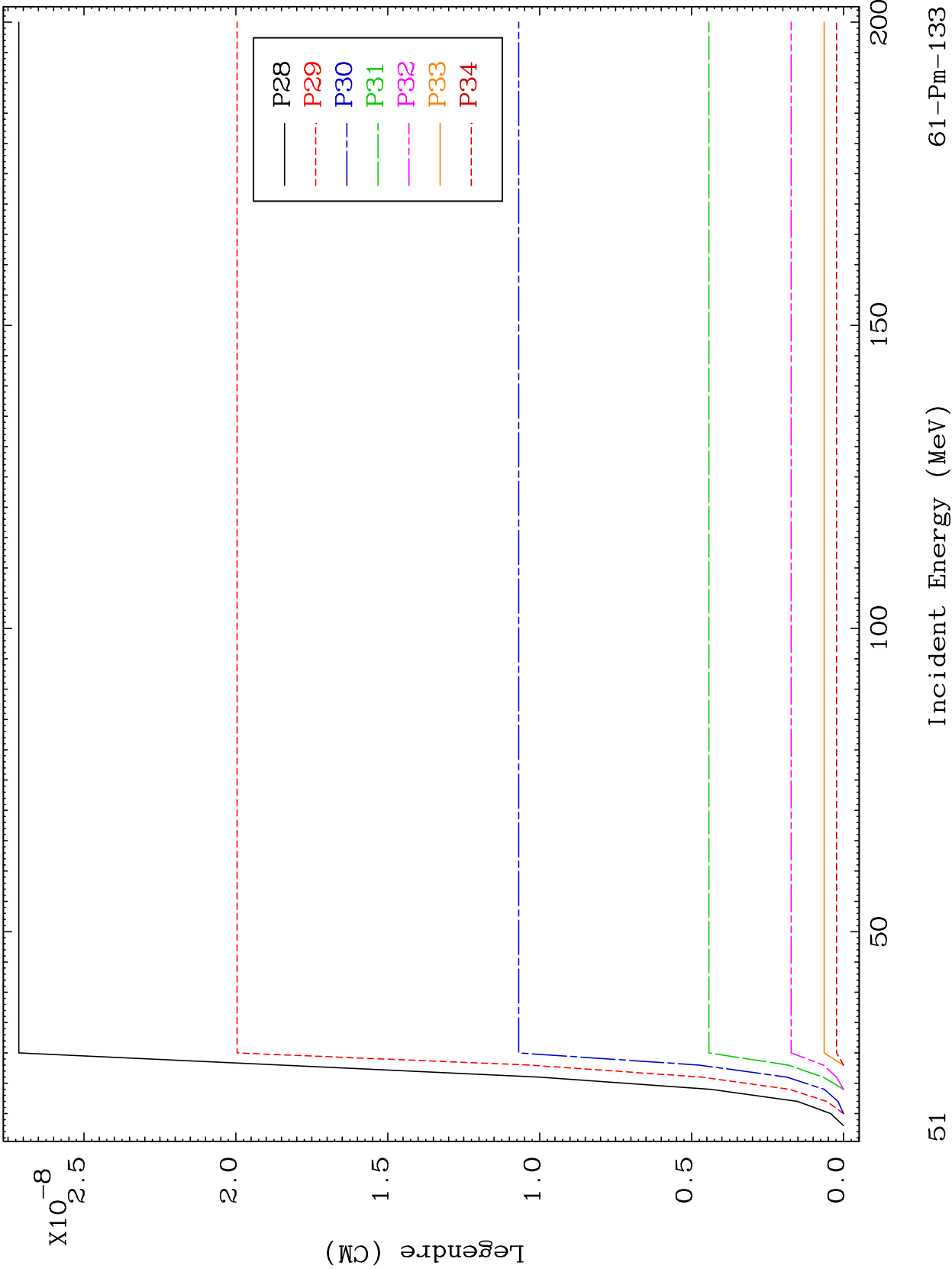
61-Pm-133

200

MAT 6107

396.2 keV (n,n') Level
Legendre Coefficients

61-Pm-133



51

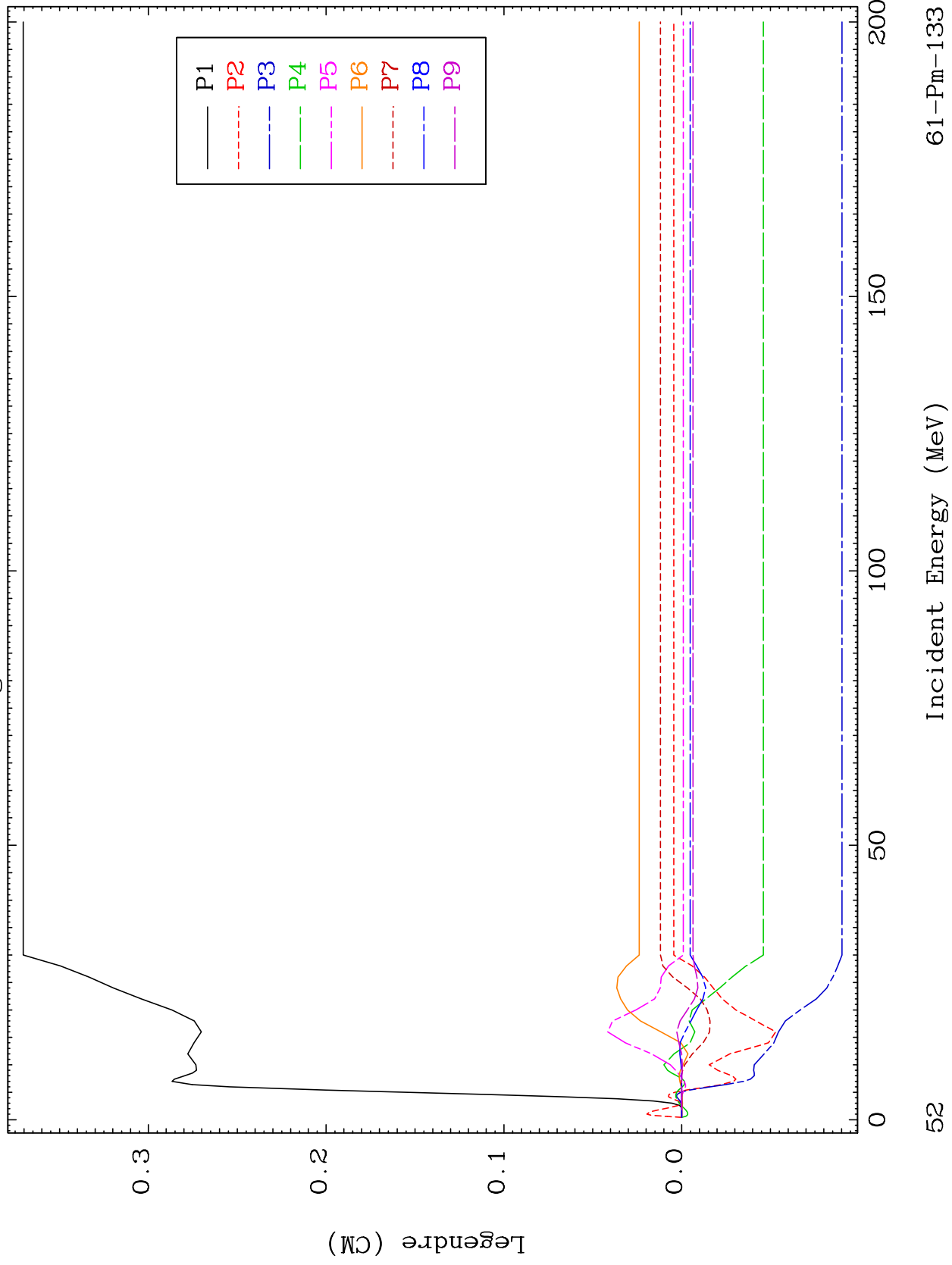
Incident Energy (MeV)

61-Pm-133

MAT 6107

410.4 keV (n,n') Level
Legendre Coefficients

61-Pm-133



61-Pm-133

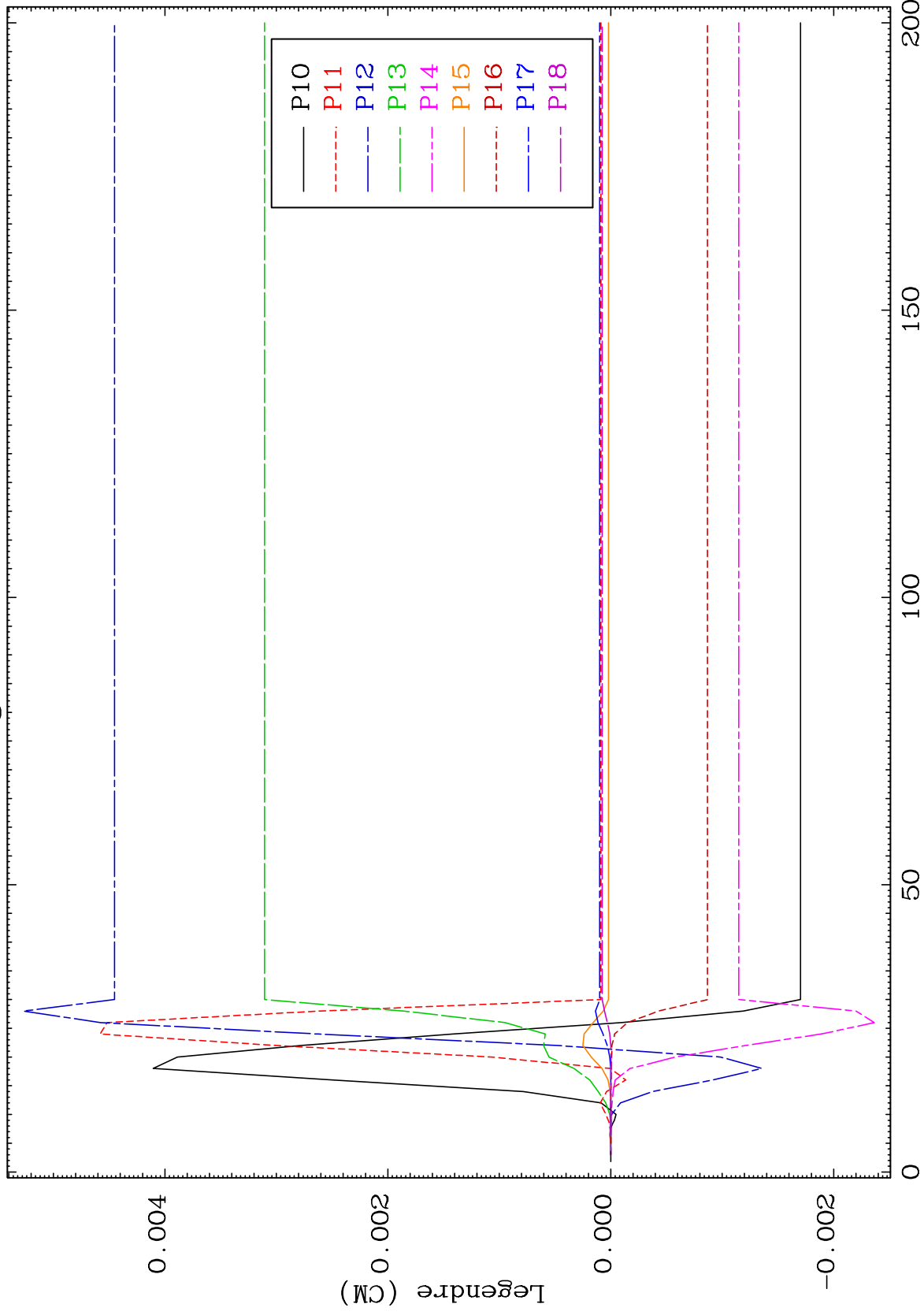
Incident Energy (MeV)

52

MAT 6107

410.4 keV (n,n') Level
Legendre Coefficients

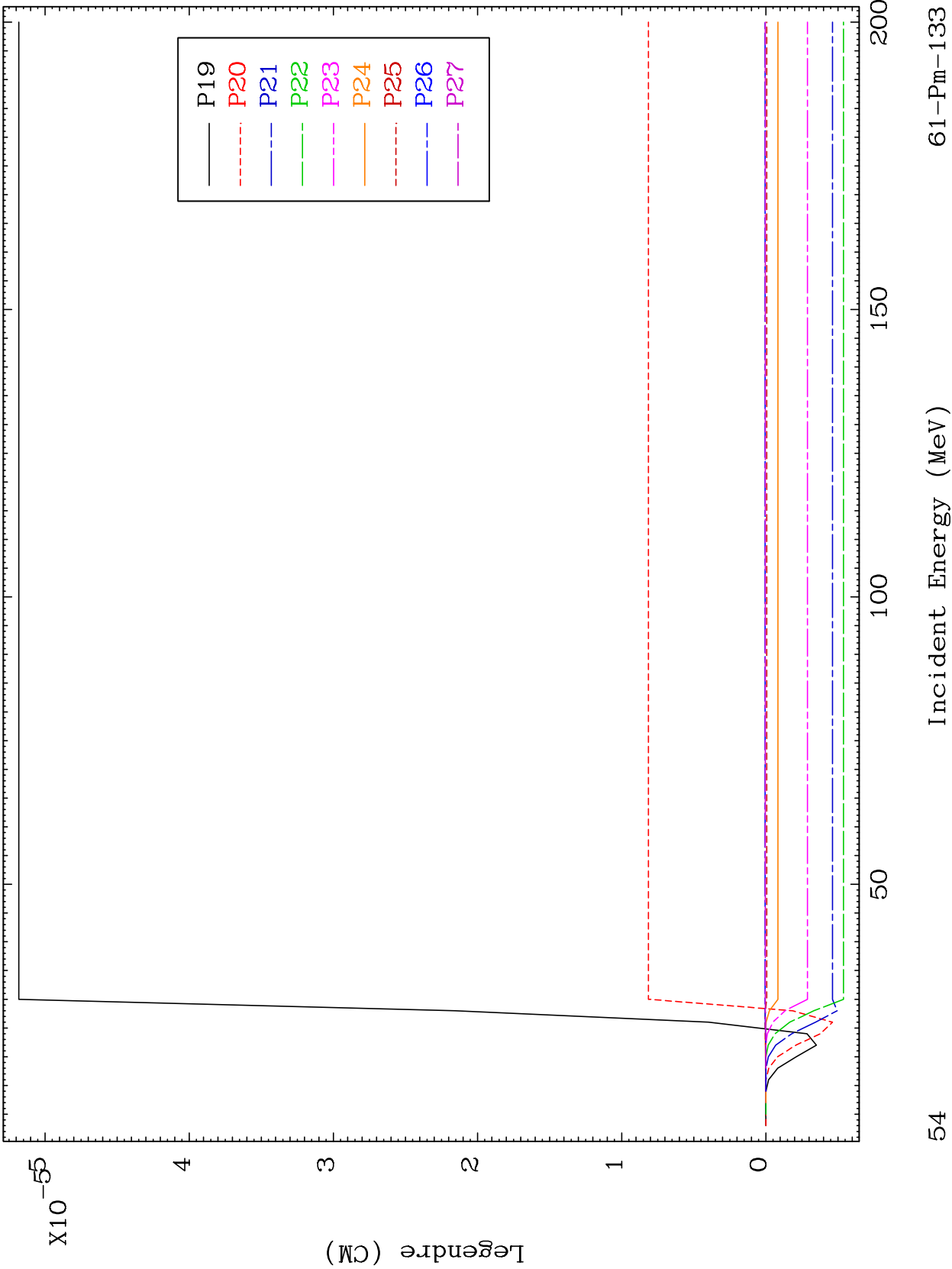
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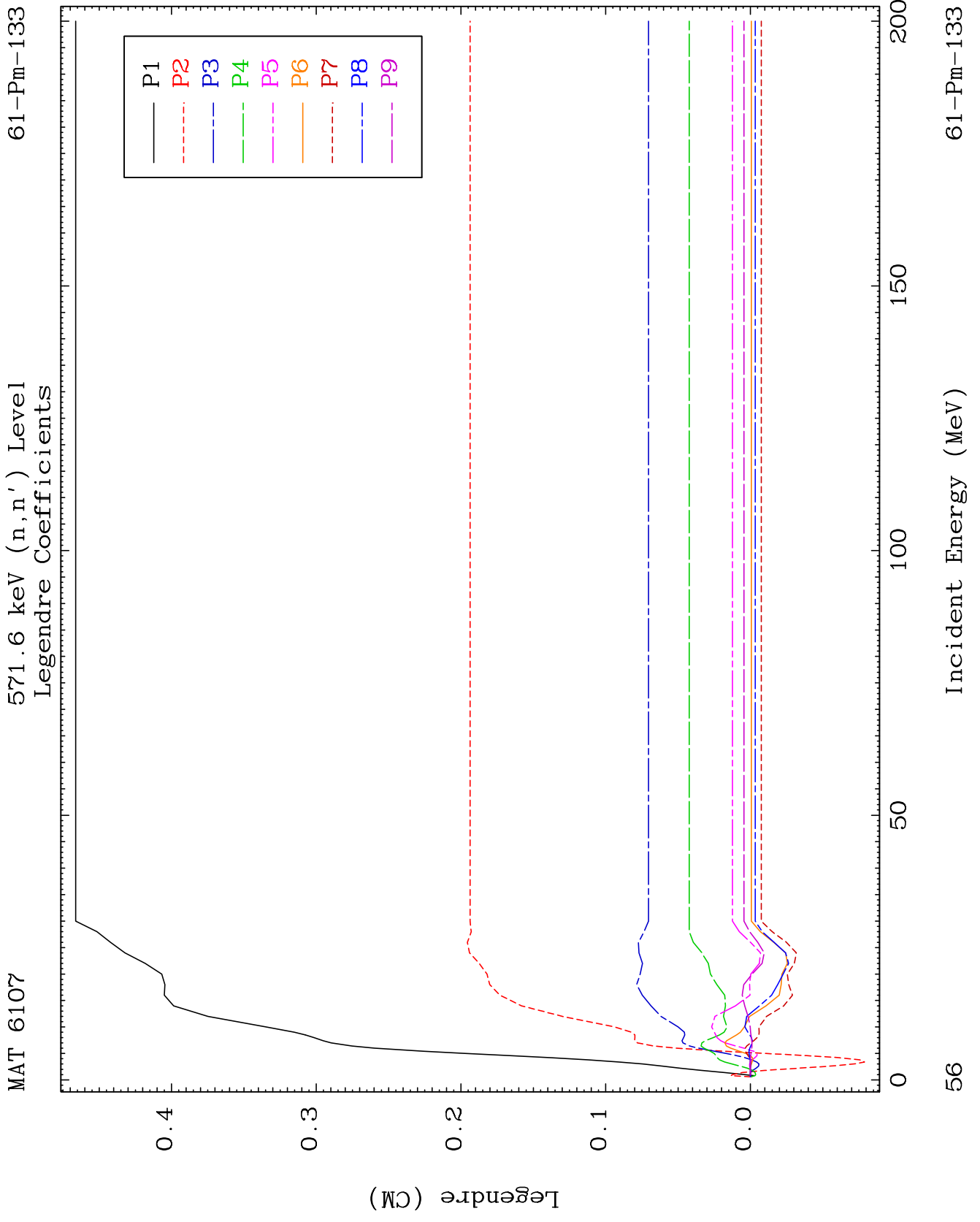


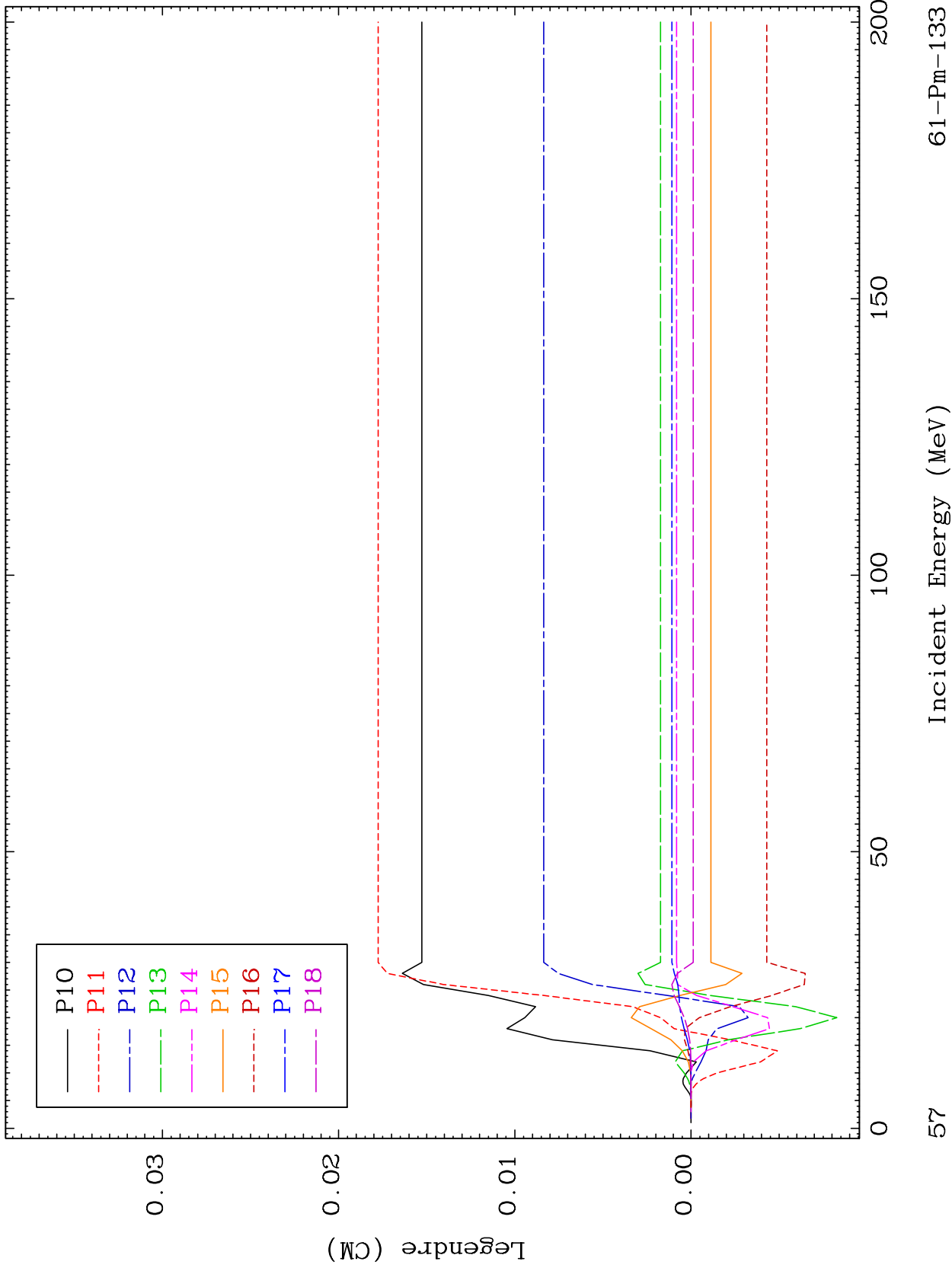
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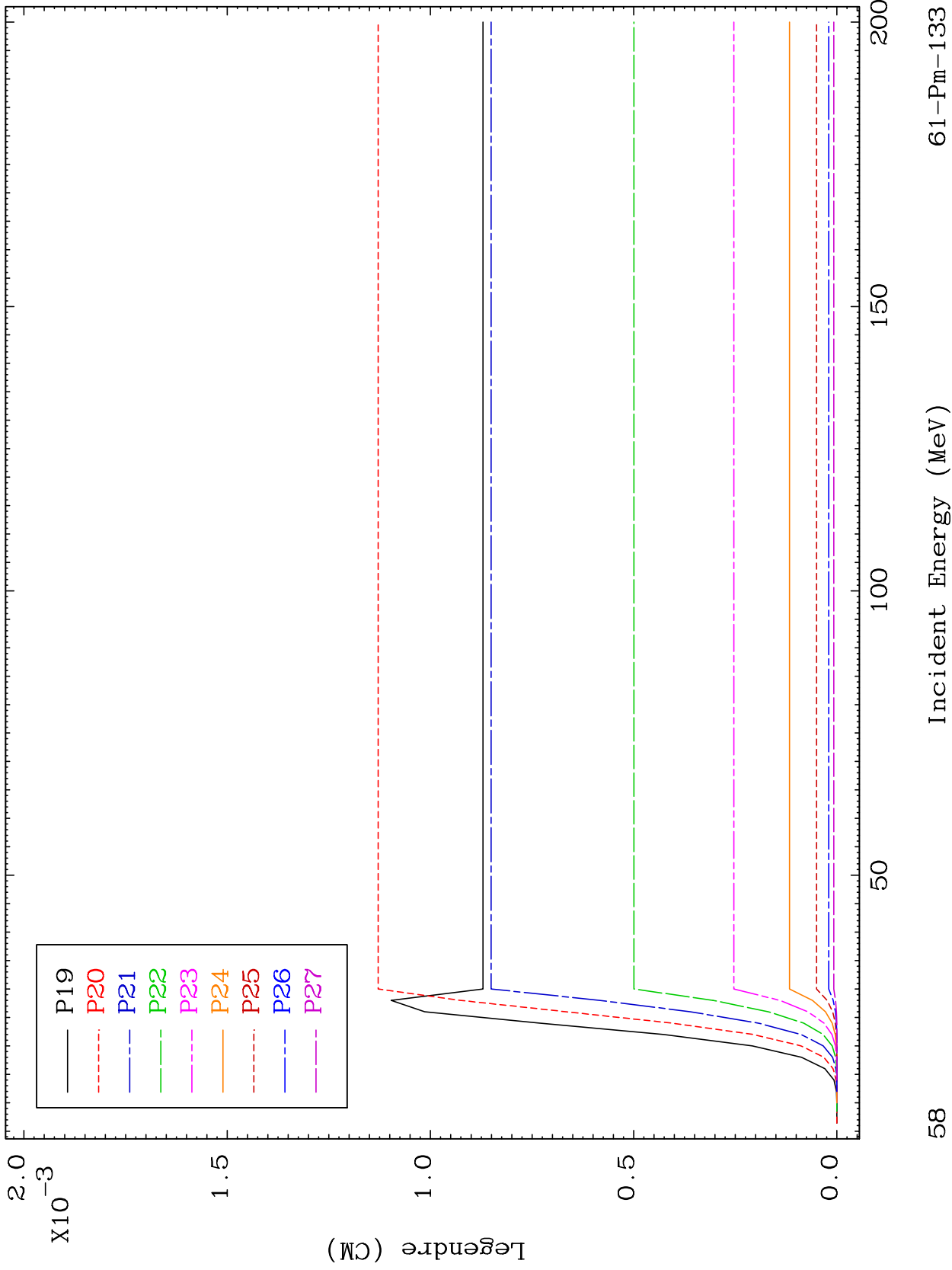
Incident Energy (MeV)

61-Pm-133





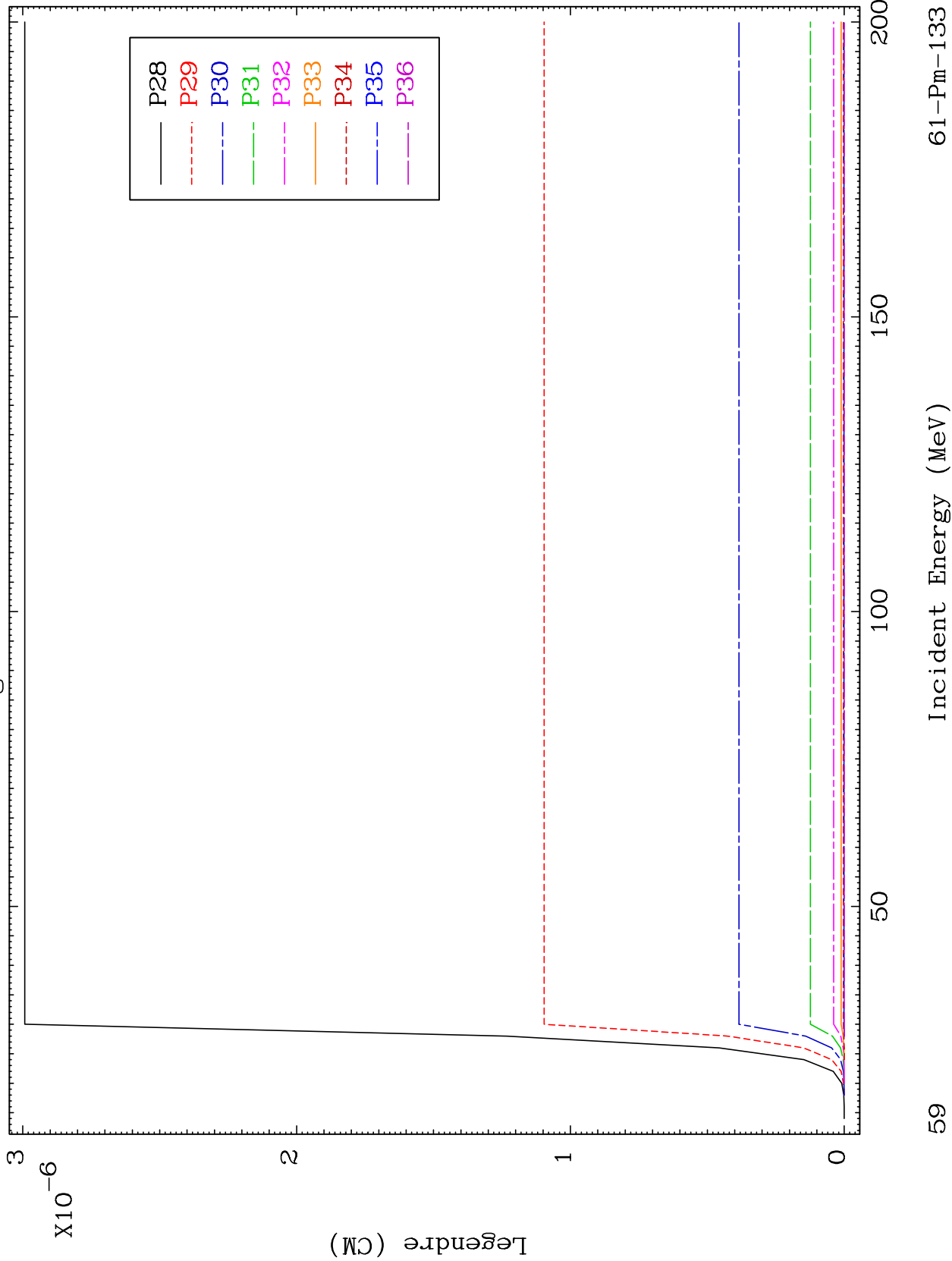




MAT 6107

571.6 keV (n,n') Level
Legendre Coefficients

61-Pm-133



59

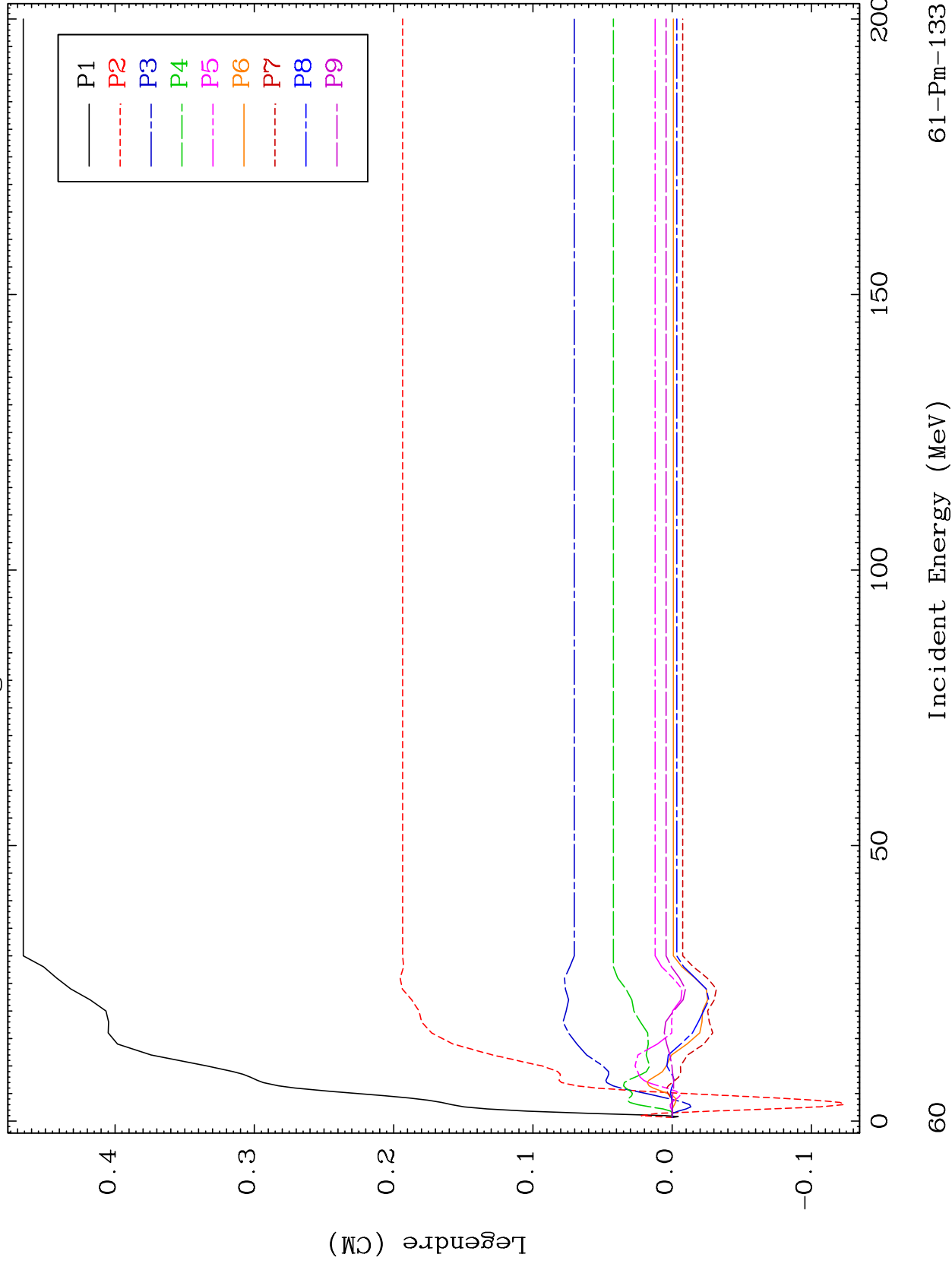
Incident Energy (MeV)

61-Pm-133

MAT 6107

653.4 keV (n,n') Level
Legendre Coefficients

61-Pm-133

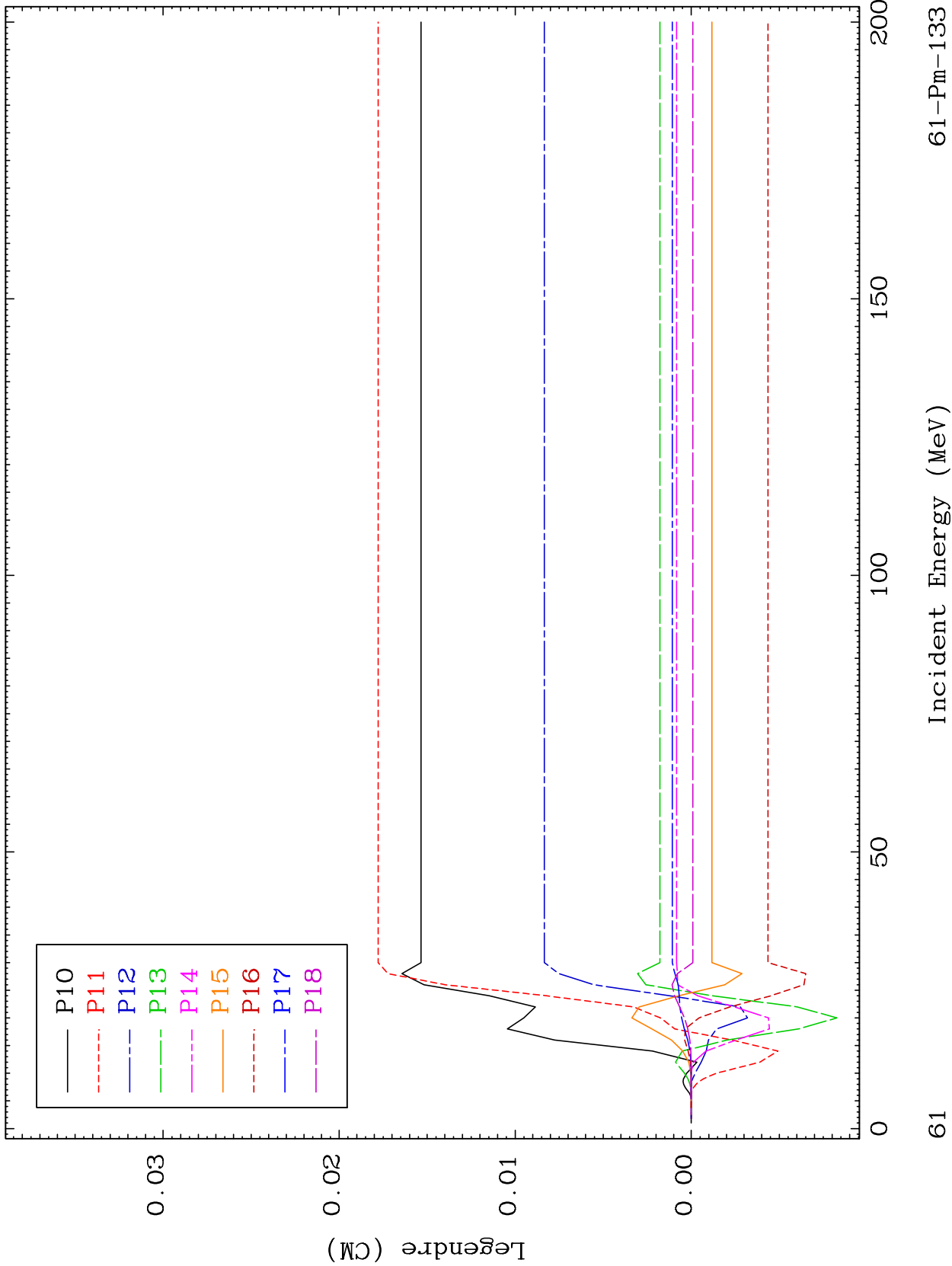


61-Pm-133

MAT 6107

653.4 keV (n,n') Level
Legendre Coefficients

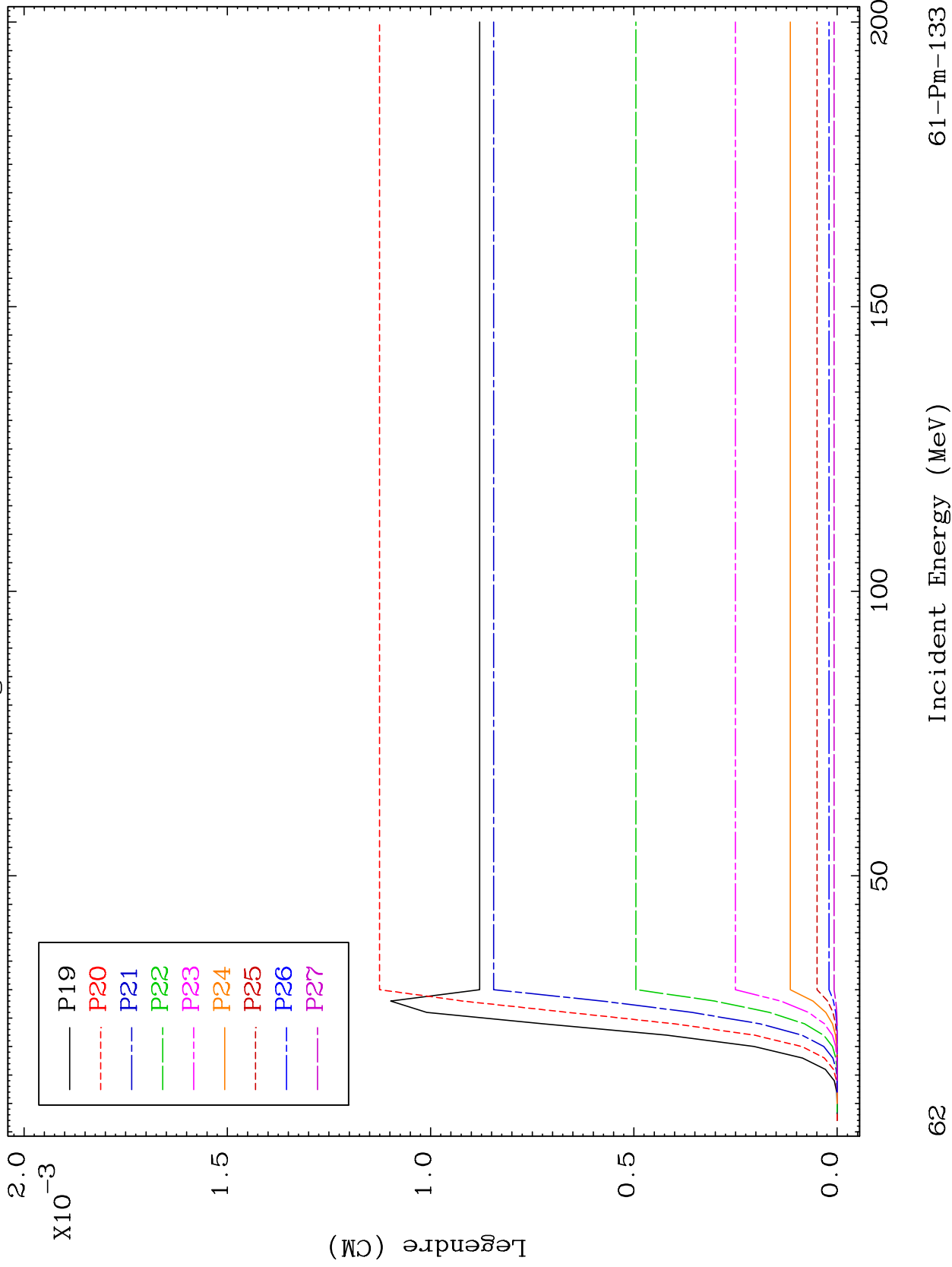
61-Pm-133



61

Incident Energy (MeV)

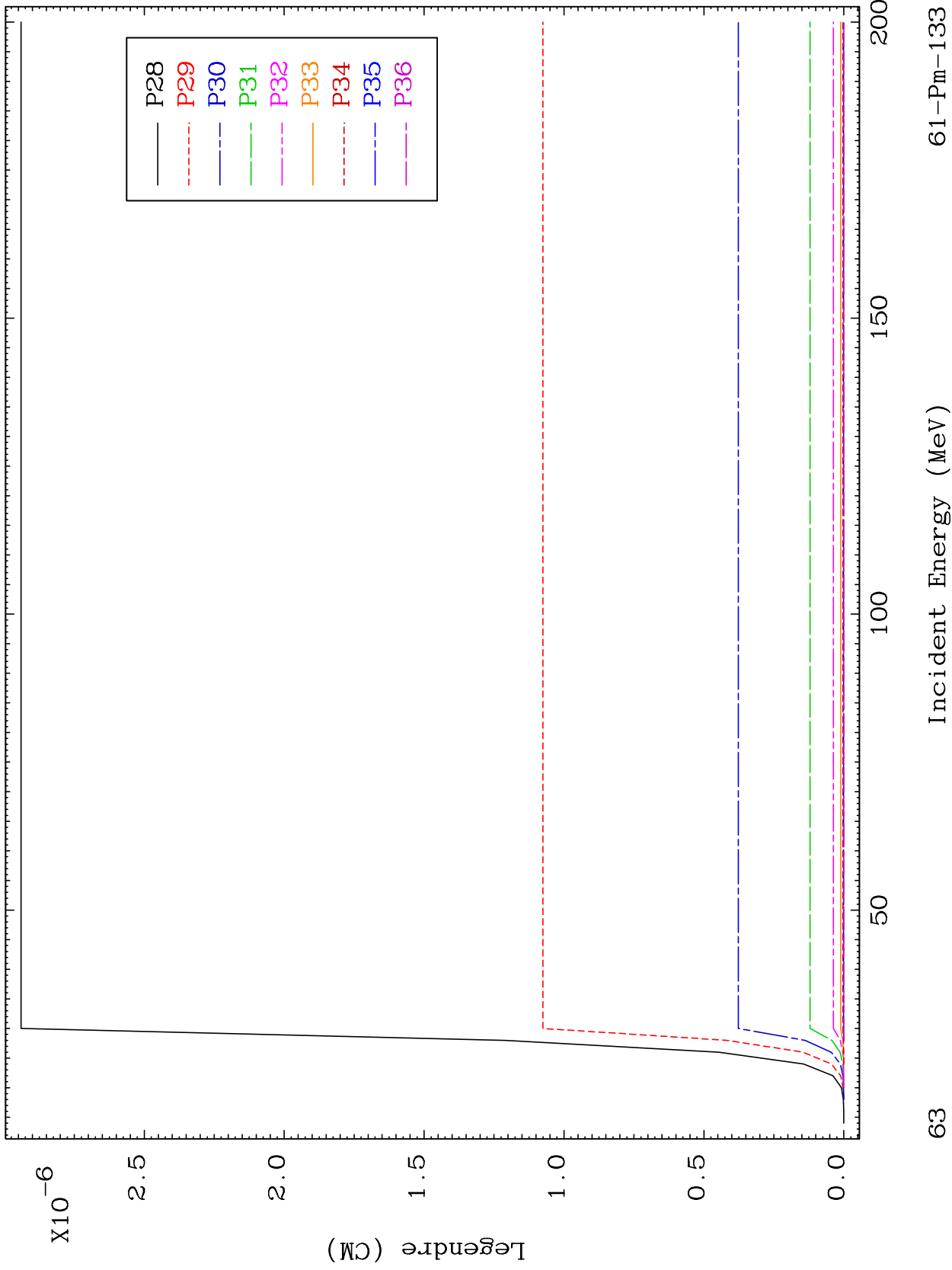
61-Pm-133



MAT 6107

653.4 keV (n,n') Level
Legendre Coefficients

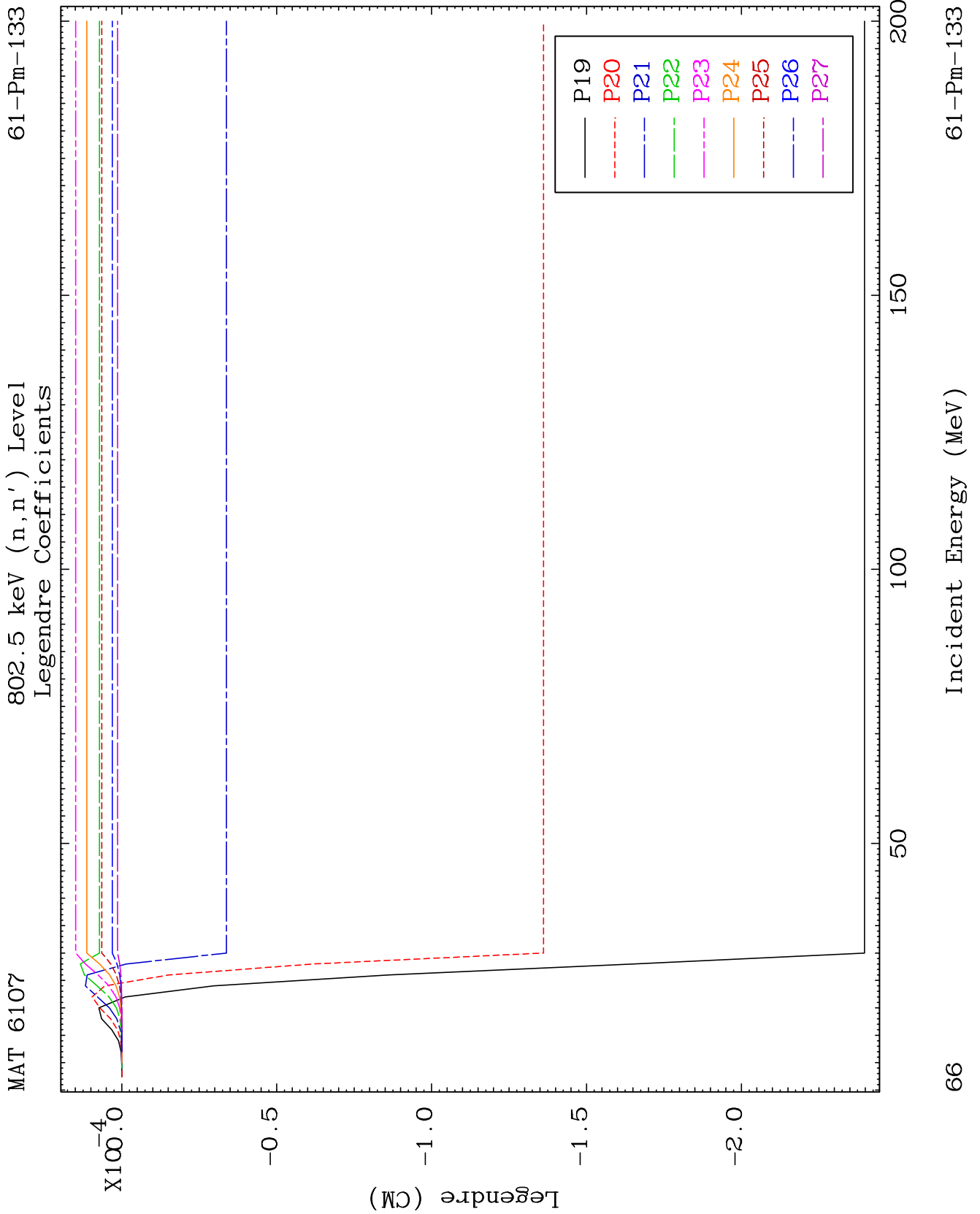
61-Pm-133



63

Incident Energy (MeV)

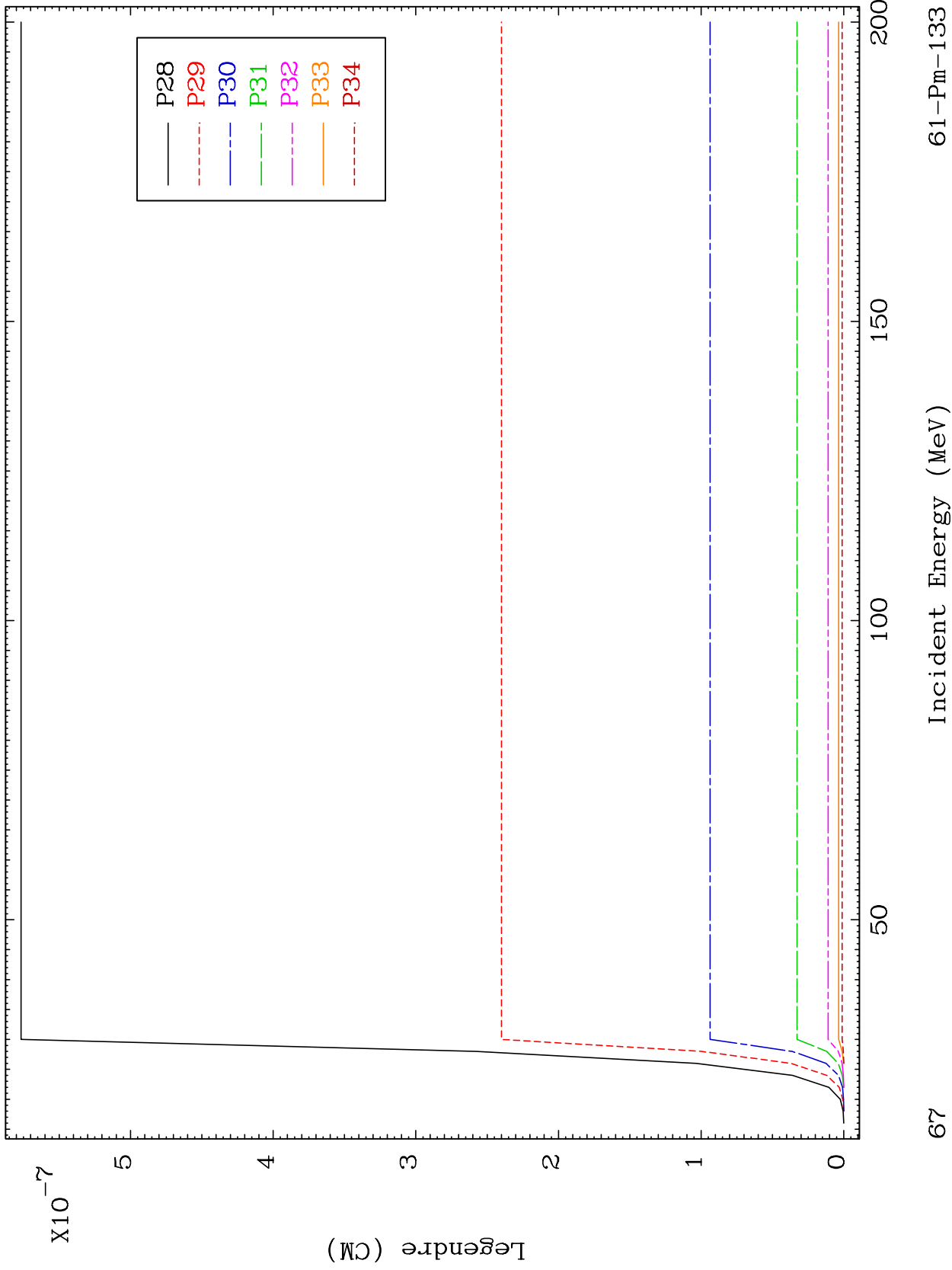
61-Pm-133



MAT 6107

802.5 keV (n,n') Level
Legendre Coefficients

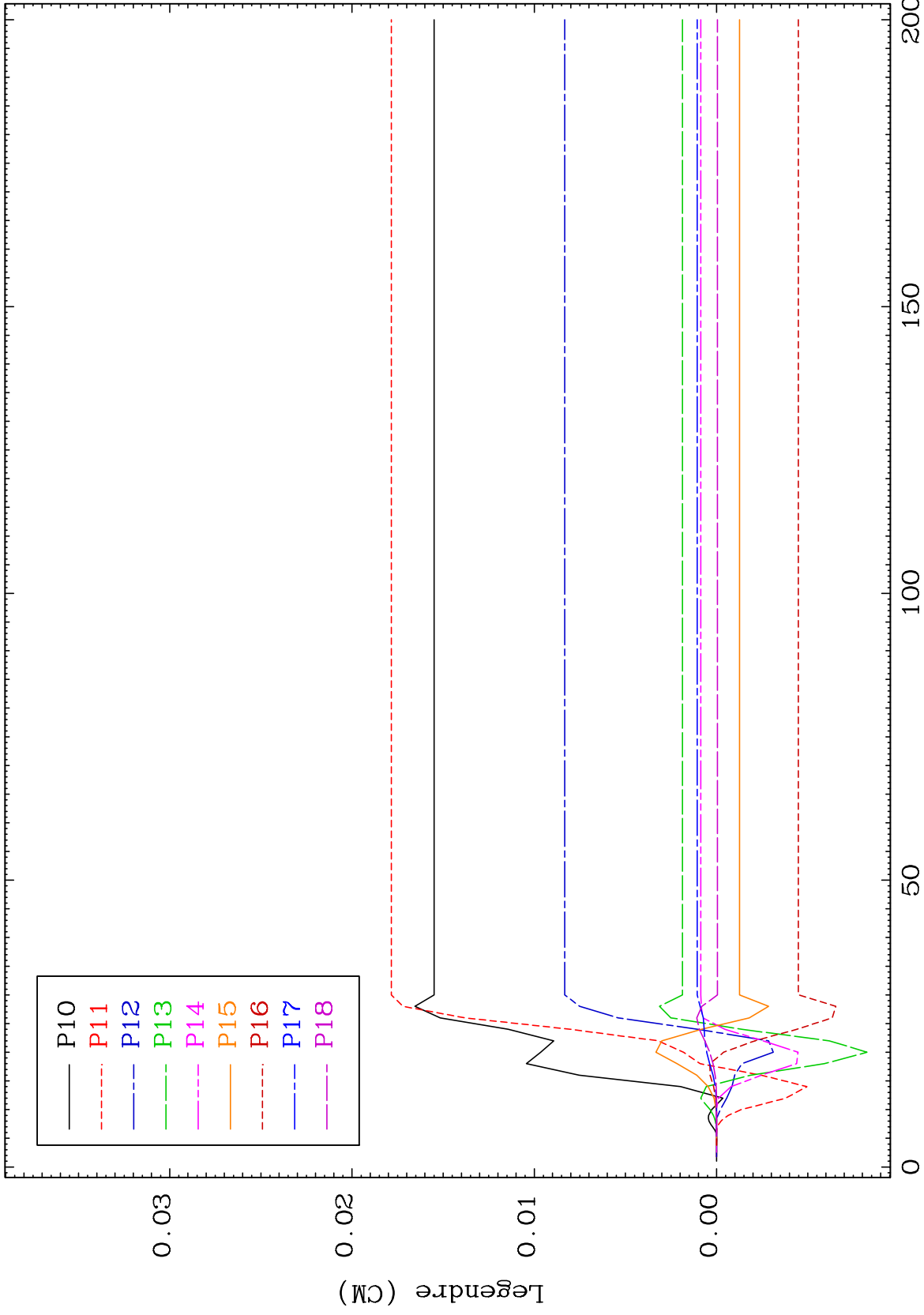
61-Pm-133



MAT 6107

810.1 keV (n,n') Level
Legendre Coefficients

61-Pm-133



69

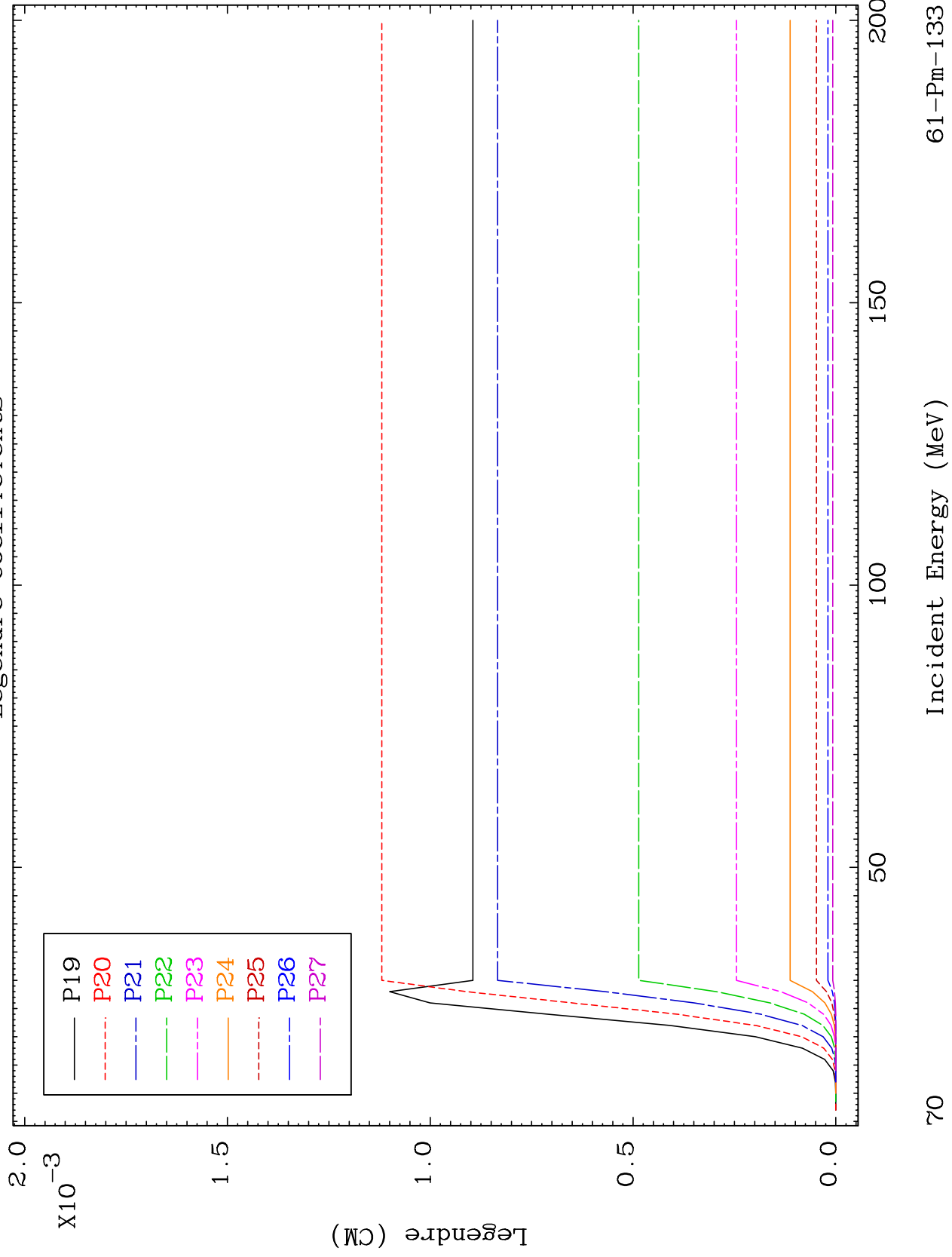
Incident Energy (MeV)

61-Pm-133

MAT 6107

810.1 keV (n,n') Level
Legendre Coefficients

61-Pm-133



70

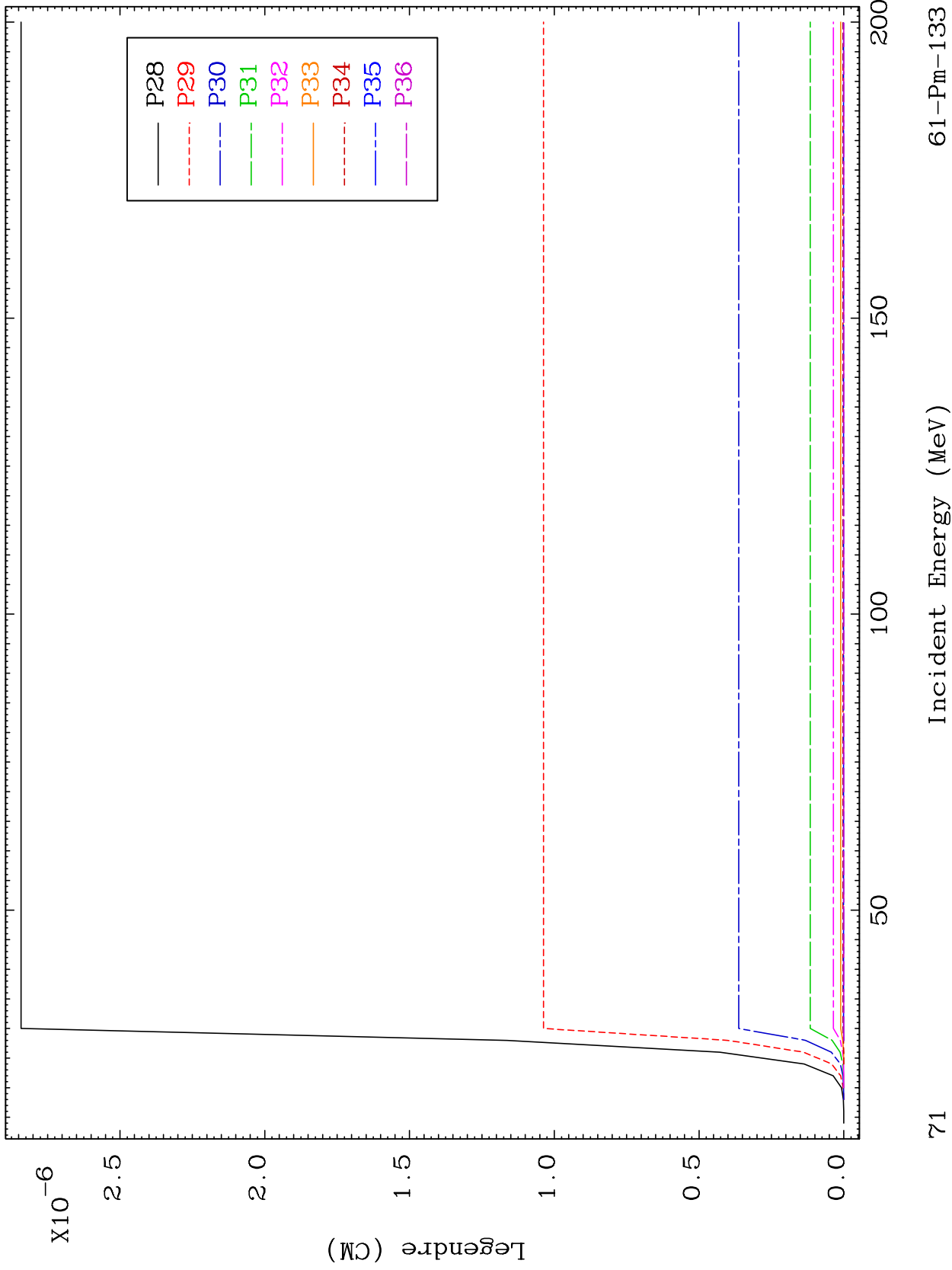
Incident Energy (MeV)

61-Pm-133

MAT 6107

810.1 keV (n,n') Level
Legendre Coefficients

61-Pm-133



71

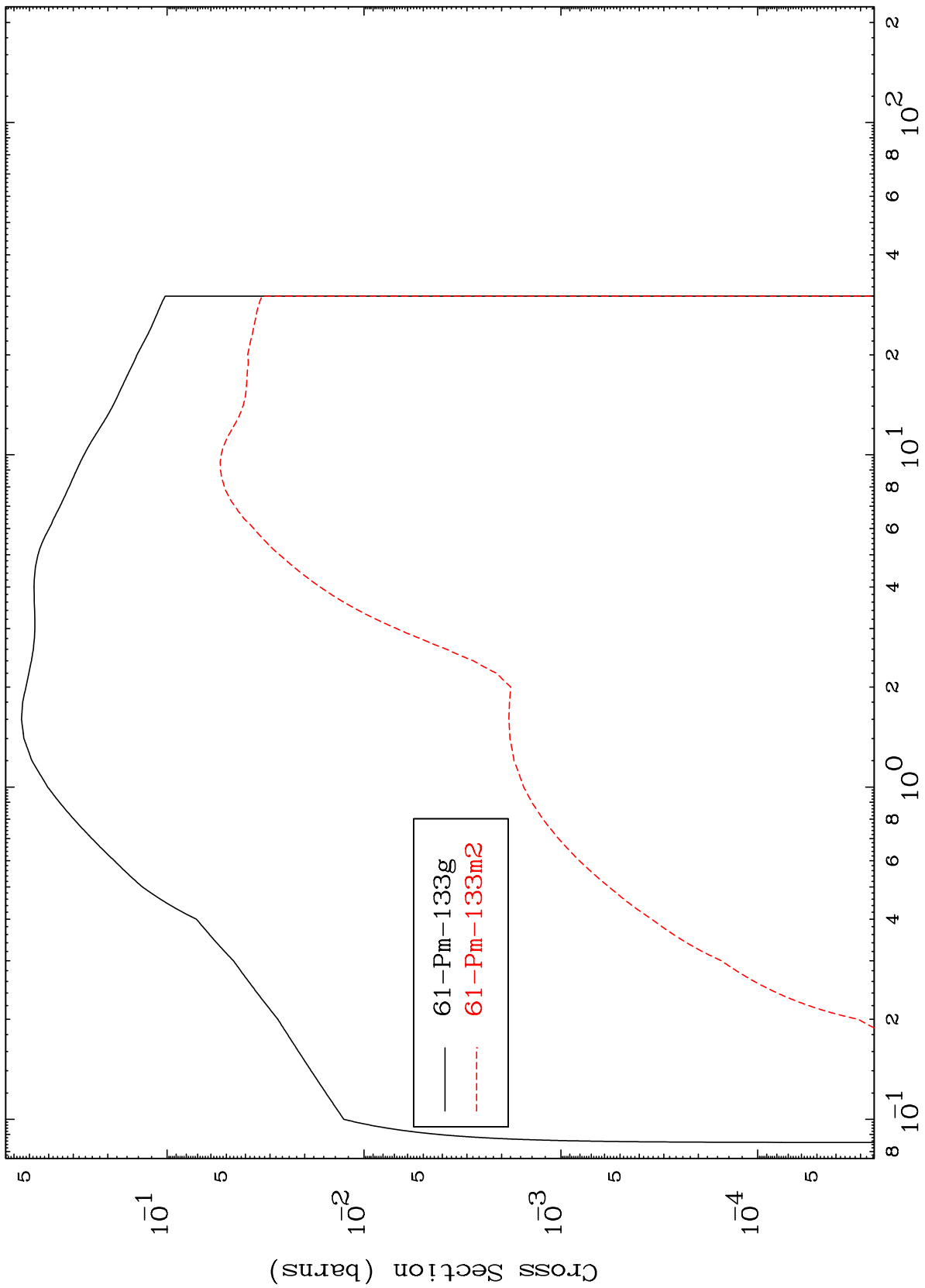
Incident Energy (MeV)

61-Pm-133

MAT 6107

61-Pm-133

Inelastic Radionuclide Production Cross Section



72

Incident Energy (MeV)

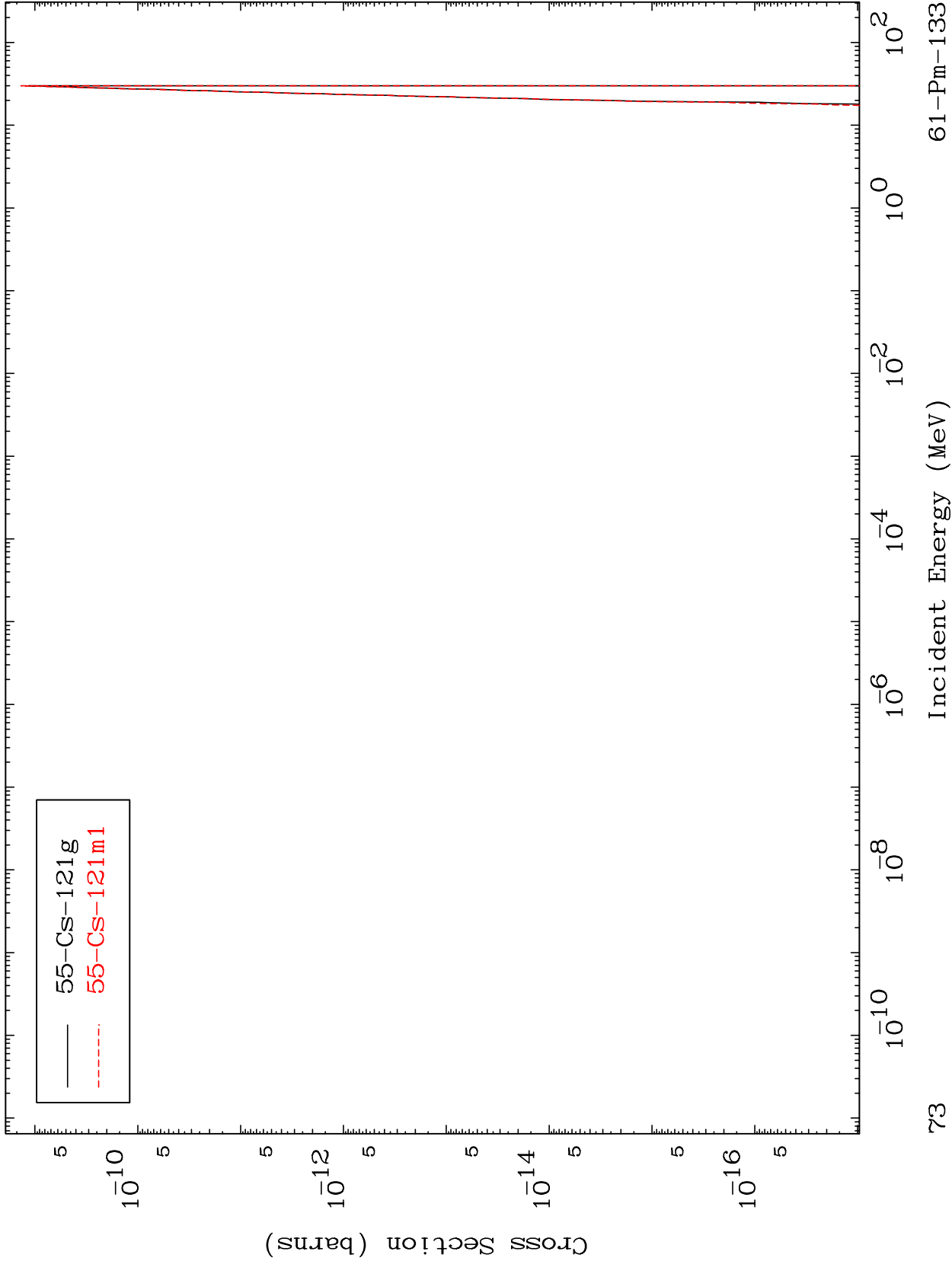
61-Pm-133

MAT 6107

(n,n') 3 α

61-Pm-133

Radionuclide Production Cross Section

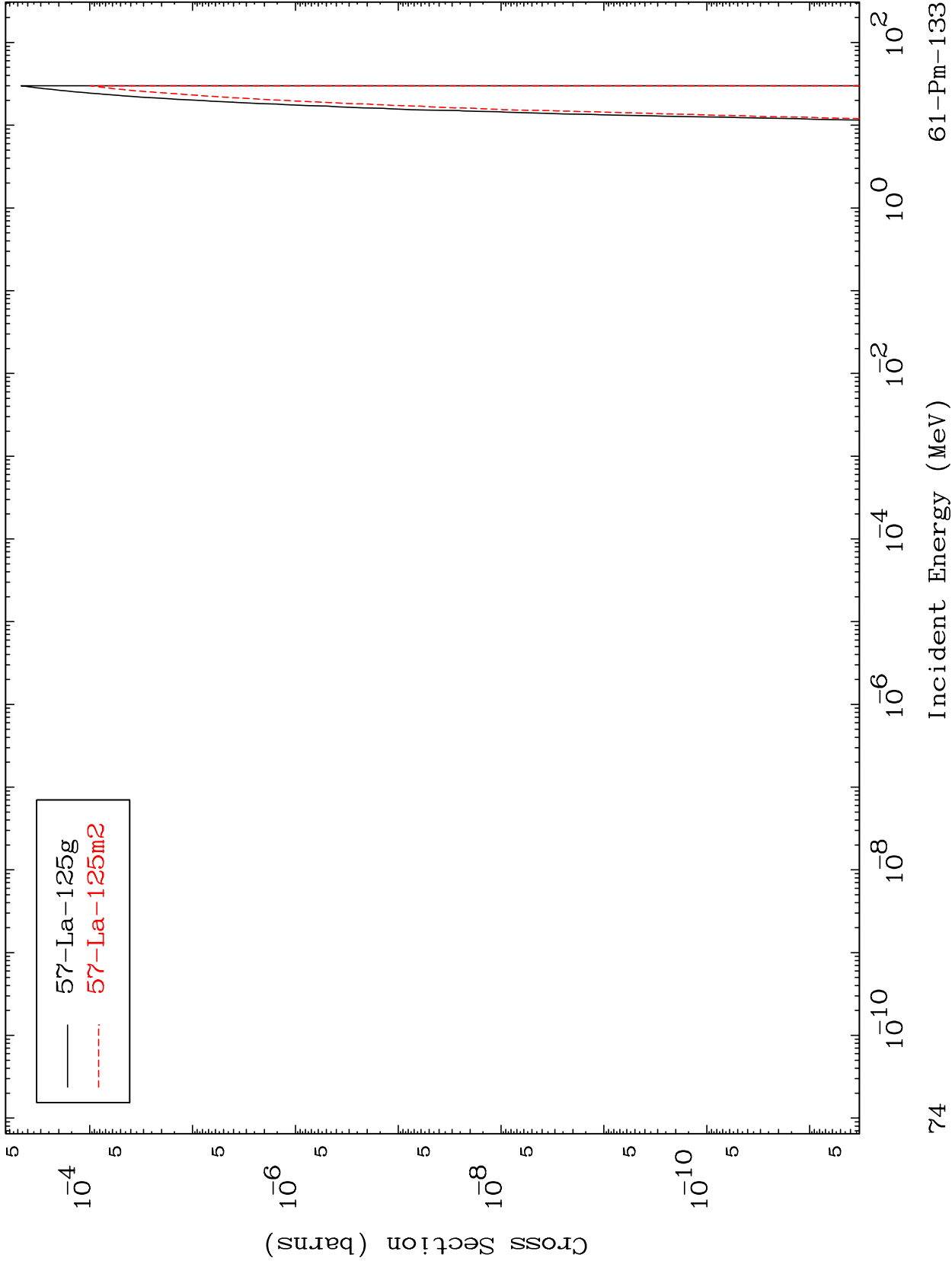


MAT 6107

(n,n') 2α

61-Pm-133

Radionuclide Production Cross Section



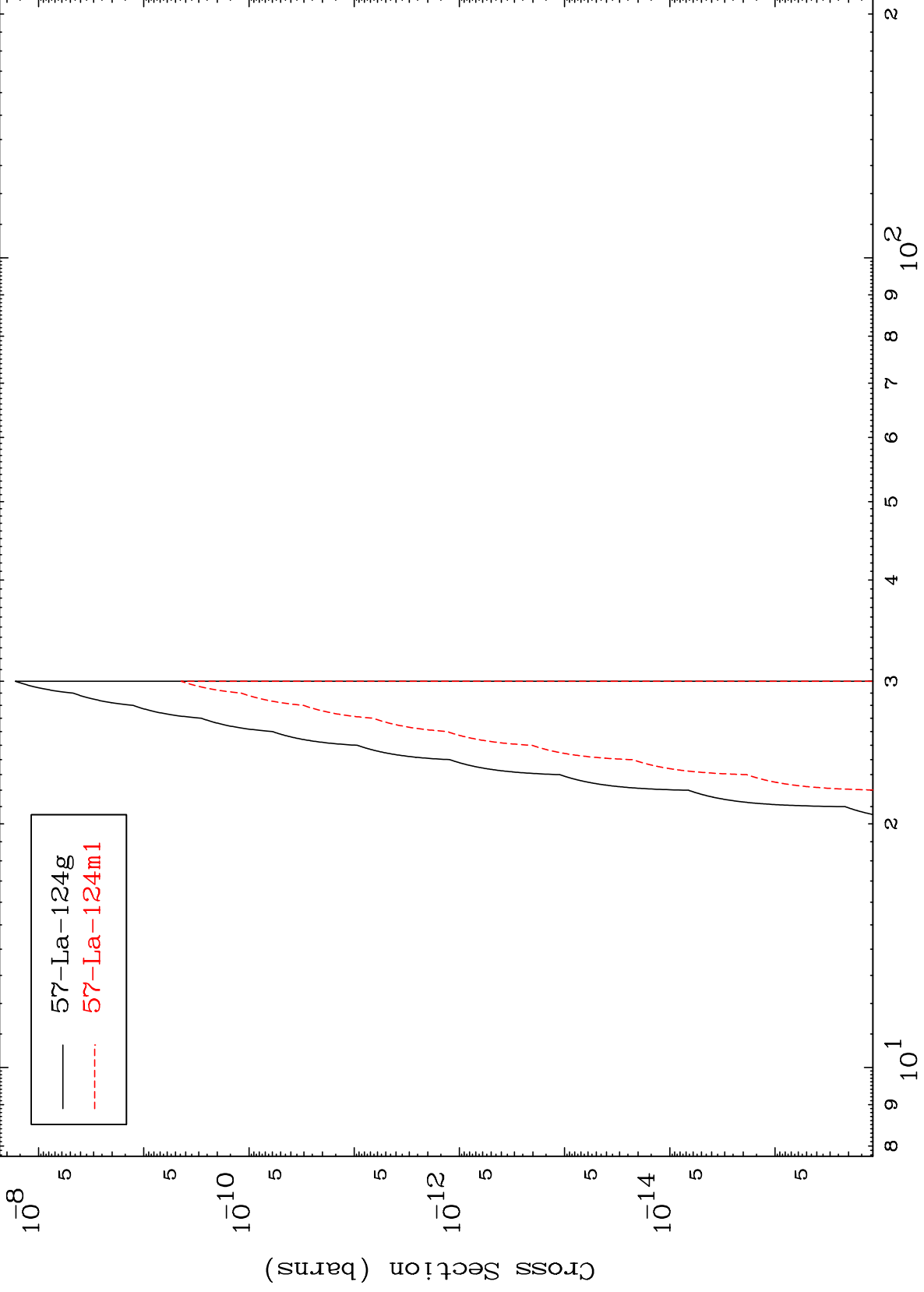
57-La-125g
57-La-125m2

MAT 6107

(n,2n) 2 α

61-Pm-133

Radionuclide Production Cross Section



75

Incident Energy (MeV)

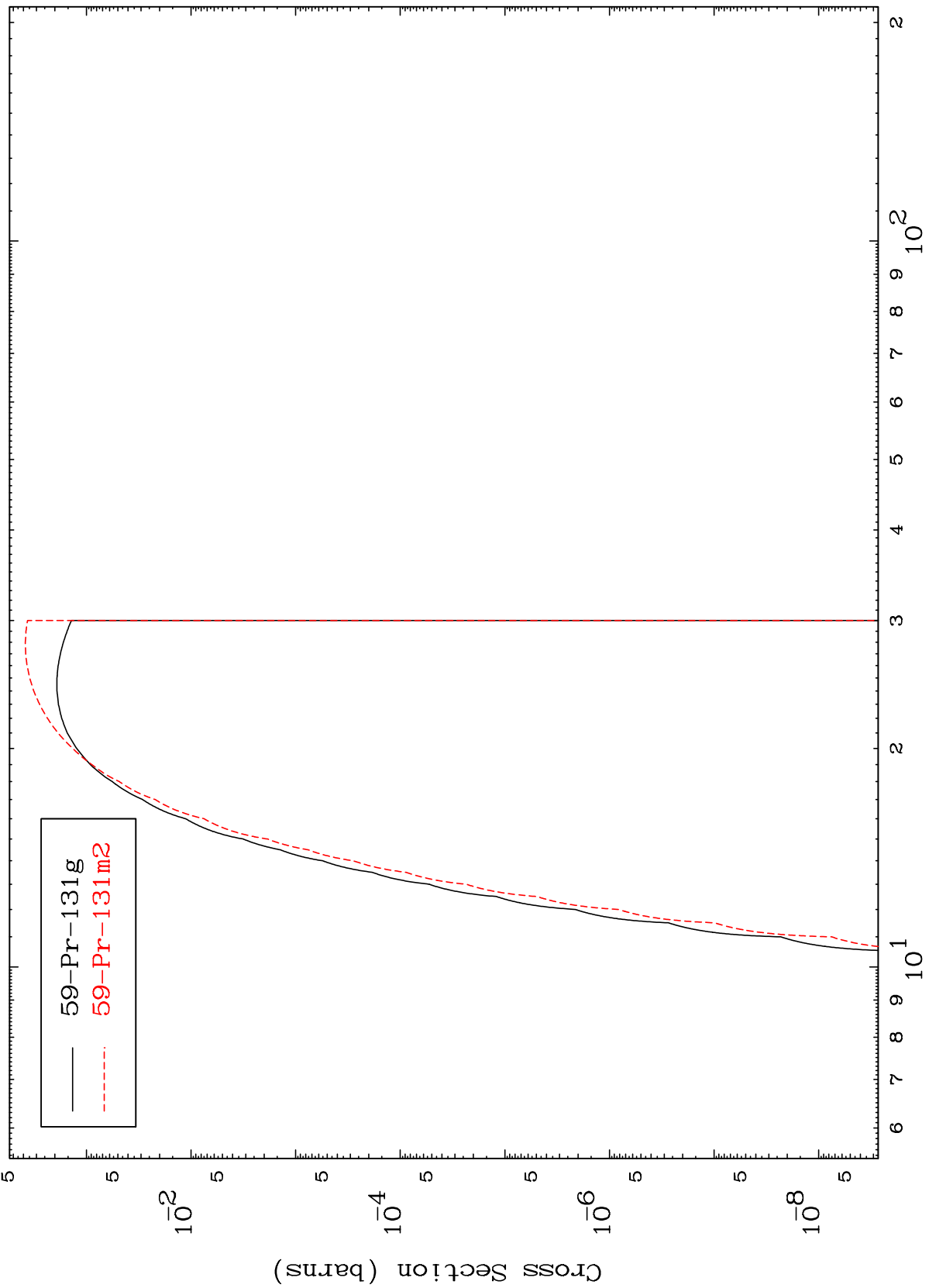
61-Pm-133

MAT 6107

(n,2n) p

61-Pm-133

Radionuclide Production Cross Section



76

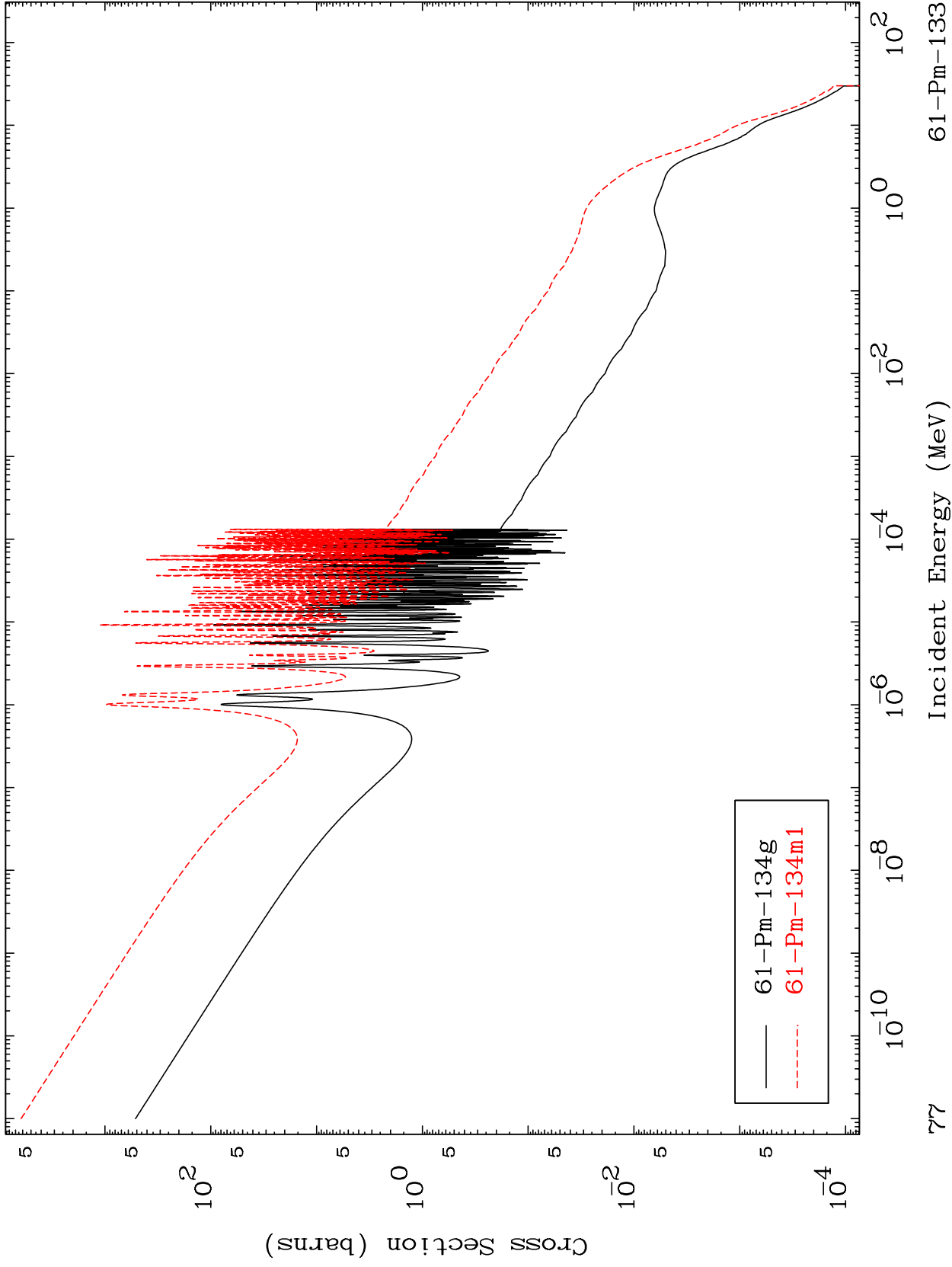
Incident Energy (MeV)

61-Pm-133

MAT 6107

61-Pm-133

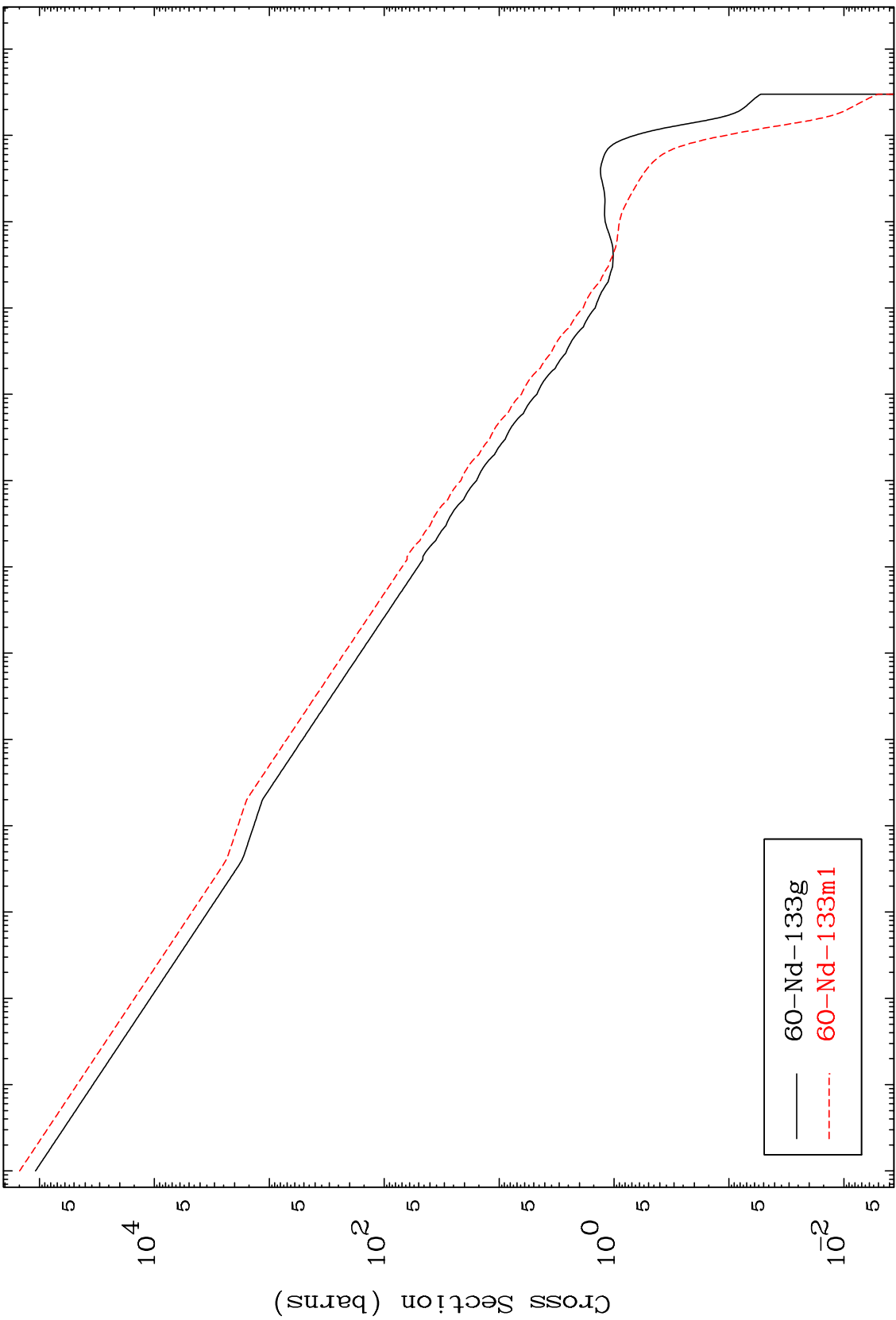
(n, γ)
Radionuclide Production Cross Section



MAT 6107

61-Pm-133

(n,p)
Radionuclide Production Cross Section



61-Pm-133

Incident Energy (MeV)

78

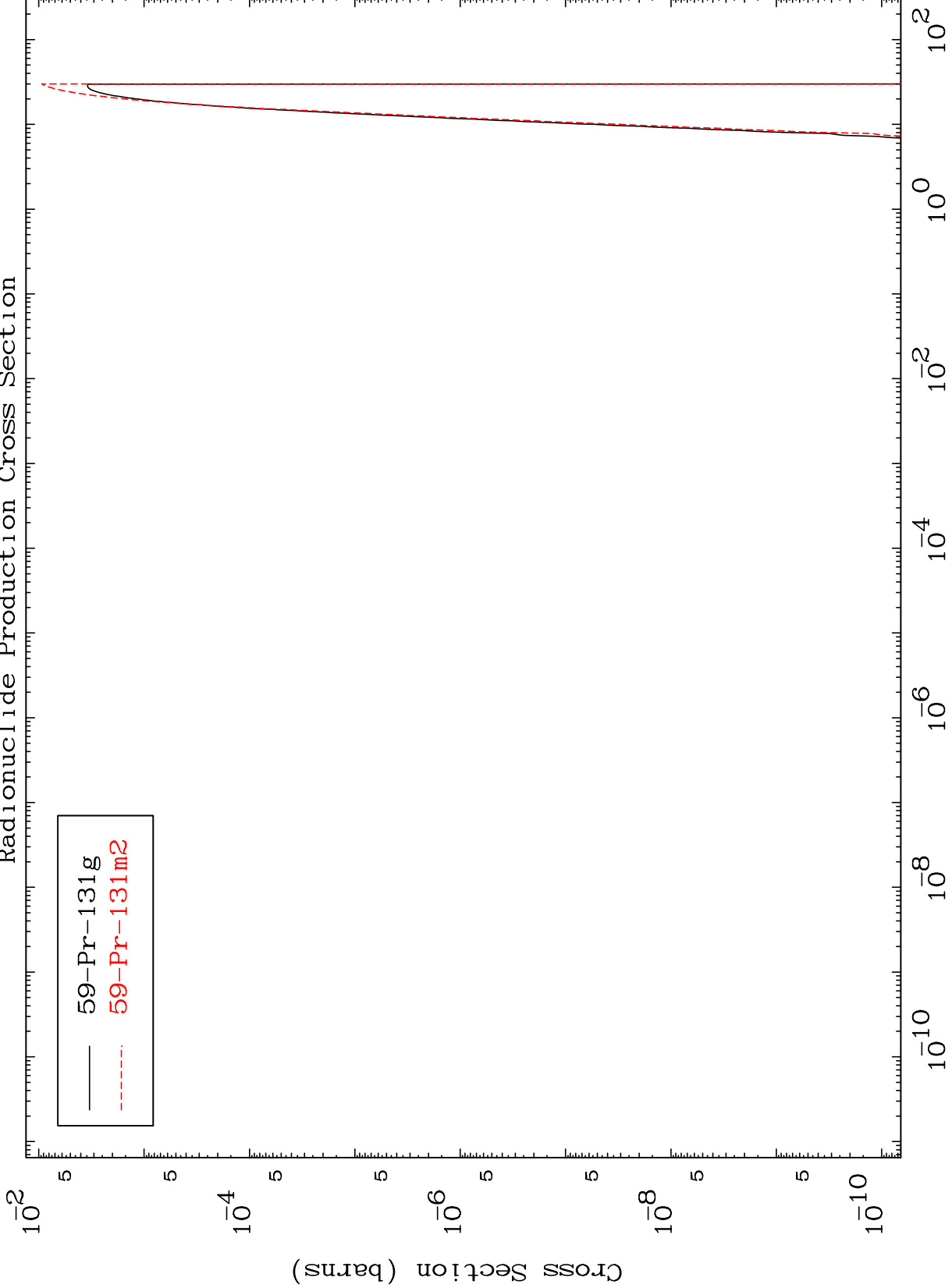
61-Pm-133

MAT 6107

(n,He-3)

61-Pm-133

Radionuclide Production Cross Section



79

Incident Energy (MeV)

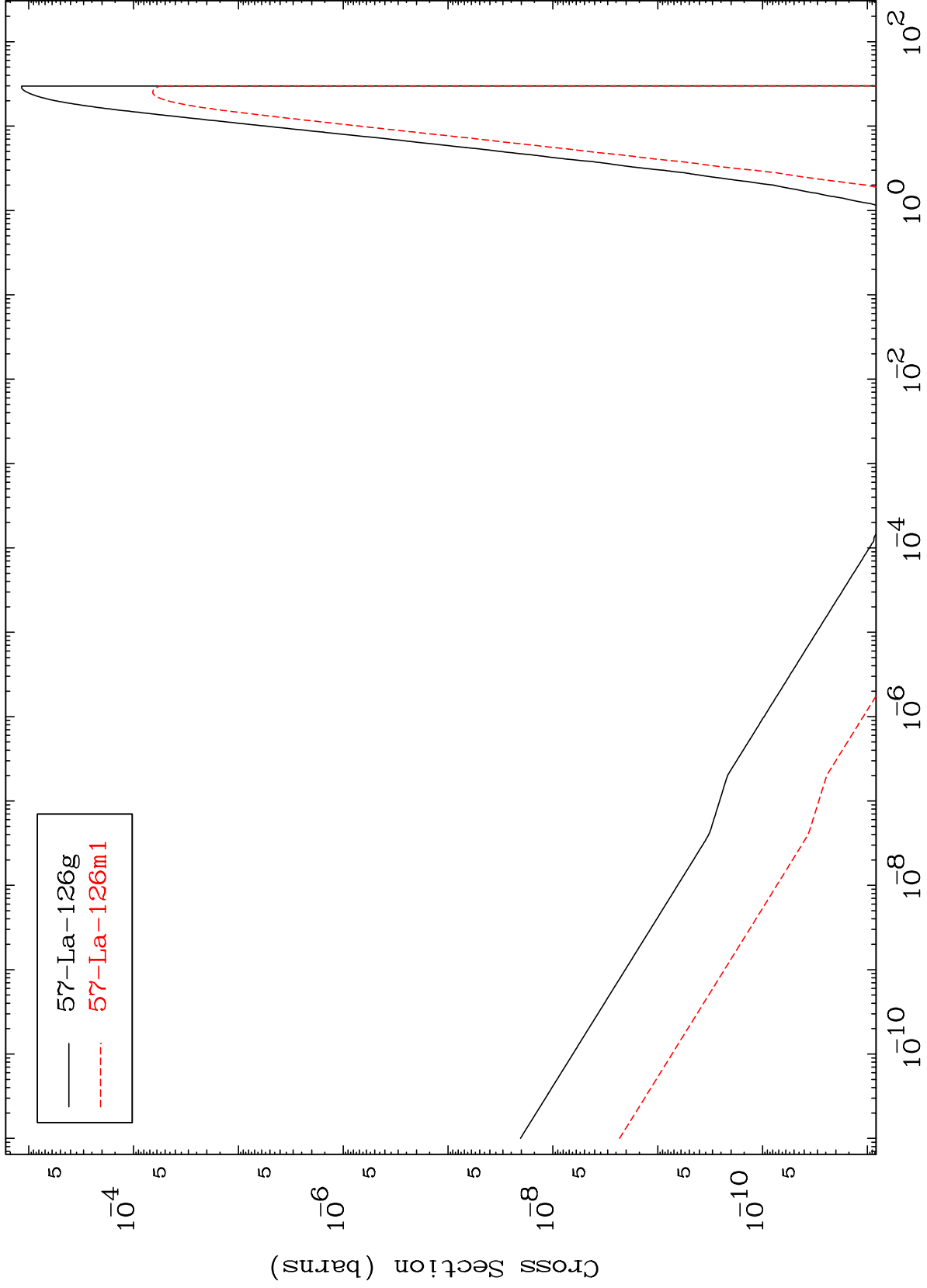
61-Pm-133

MAT 6107

(n,2α)

61-Pm-133

Radionuclide Production Cross Section



80

Incident Energy (MeV)

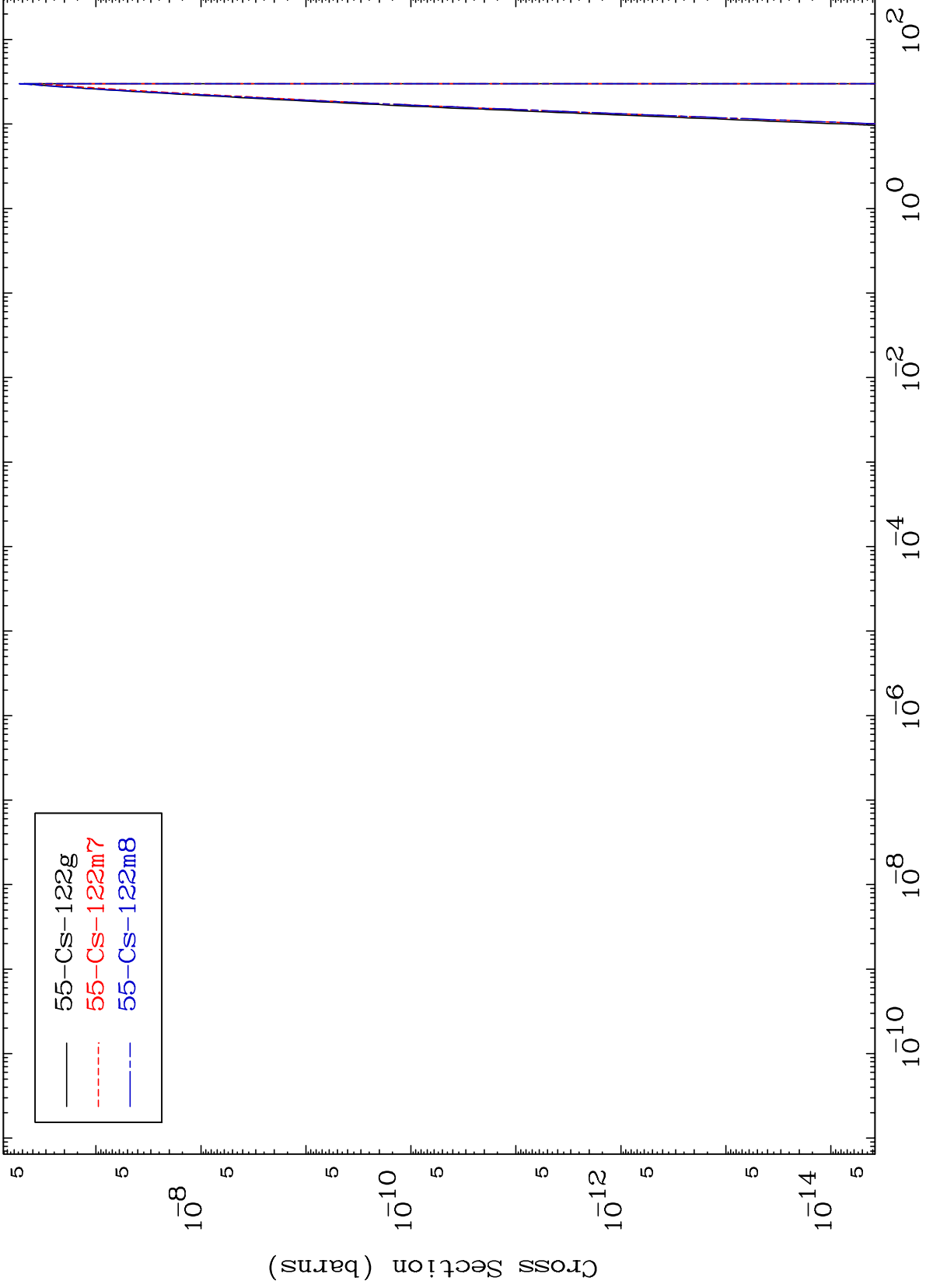
61-Pm-133

MAT 6107

(n, 3α)

61-Pm-133

Radionuclide Production Cross Section



81

Incident Energy (MeV)

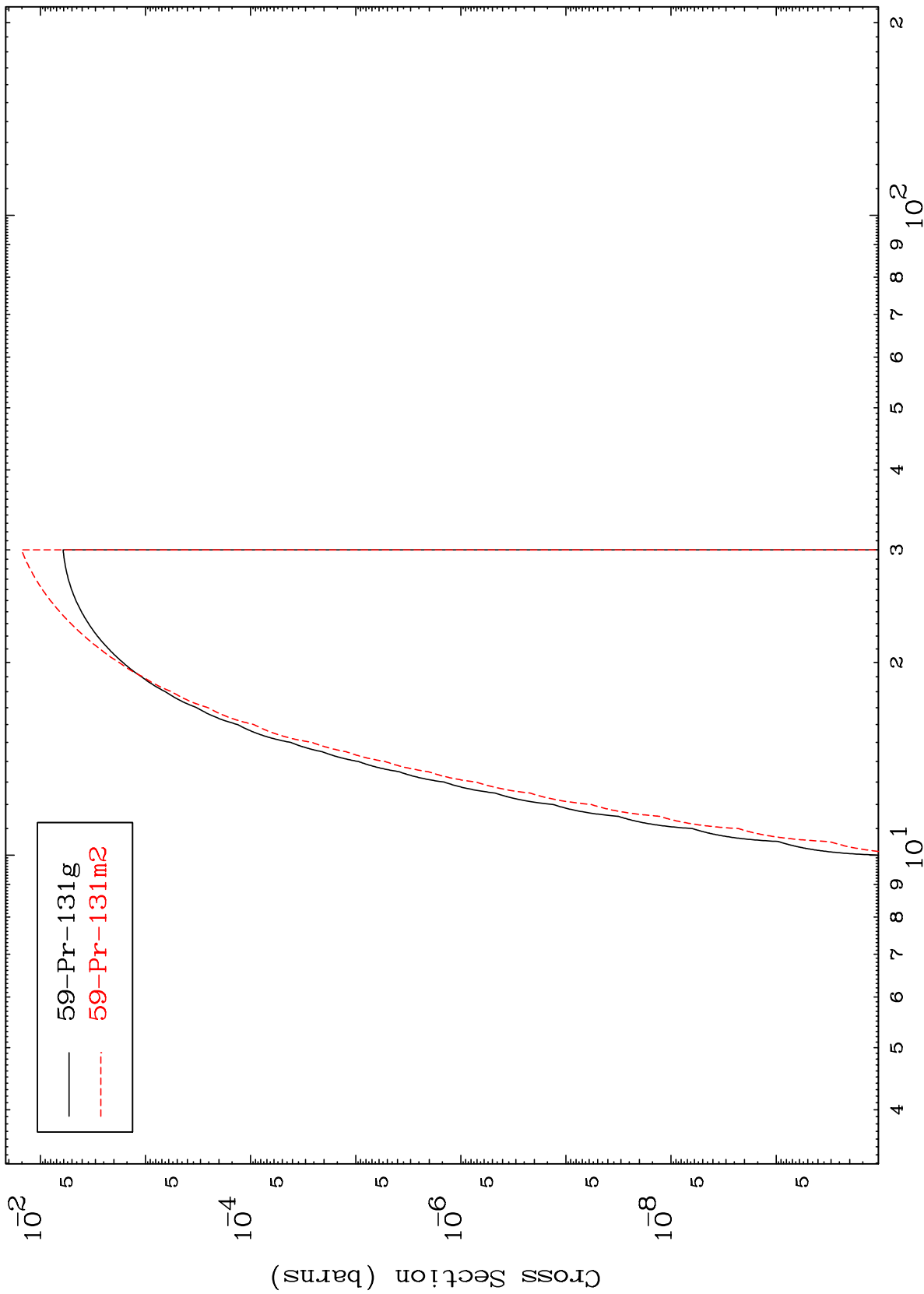
61-Pm-133

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61-Pm-133

Radionuclide Production Cross Section



82

Incident Energy (MeV)

61-Pm-133