

Program EVALPLOT
(Version 2021-1)

by

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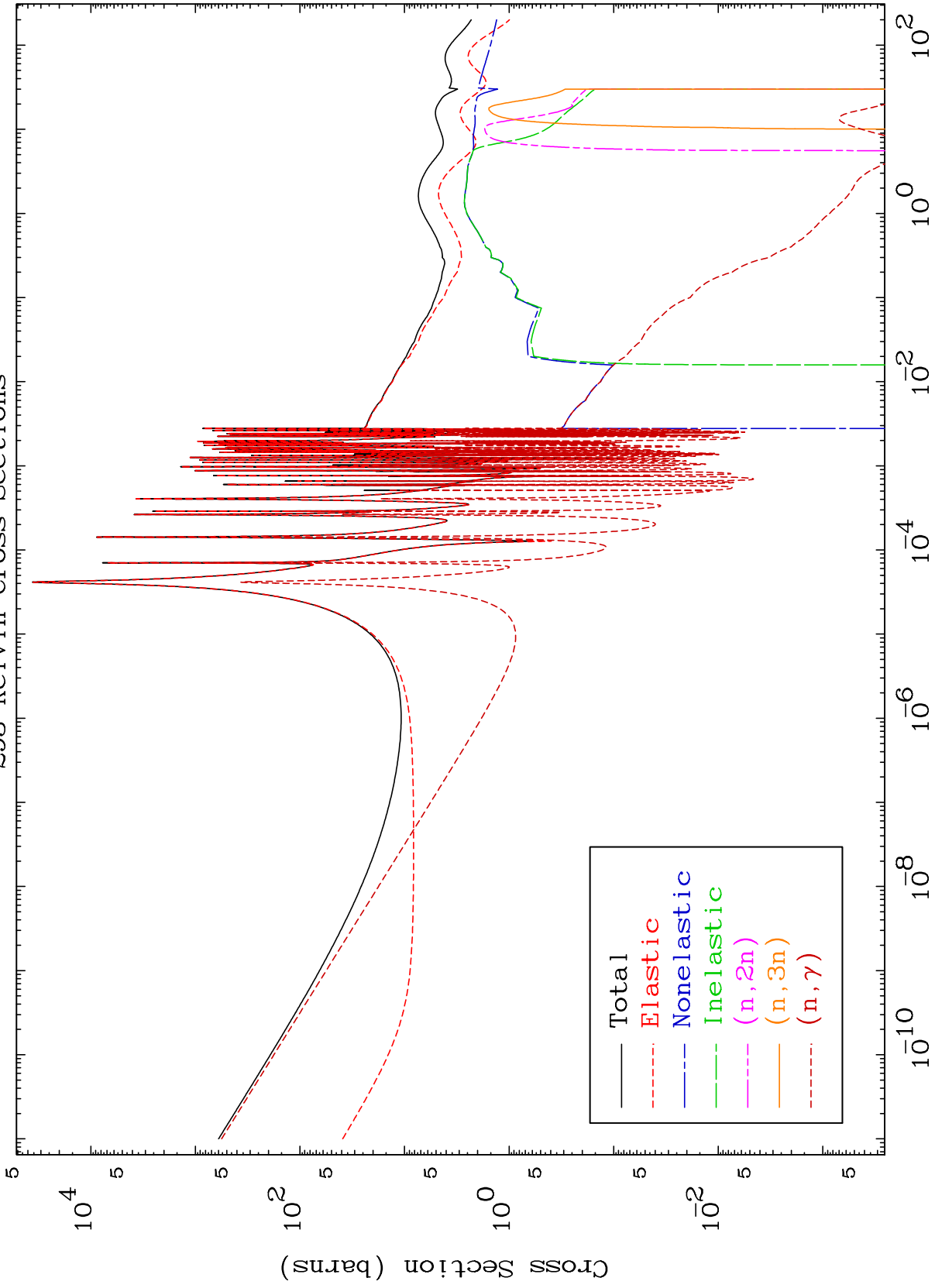
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5752

Neutron Major
293 Kelvin Cross Sections

57-La-147



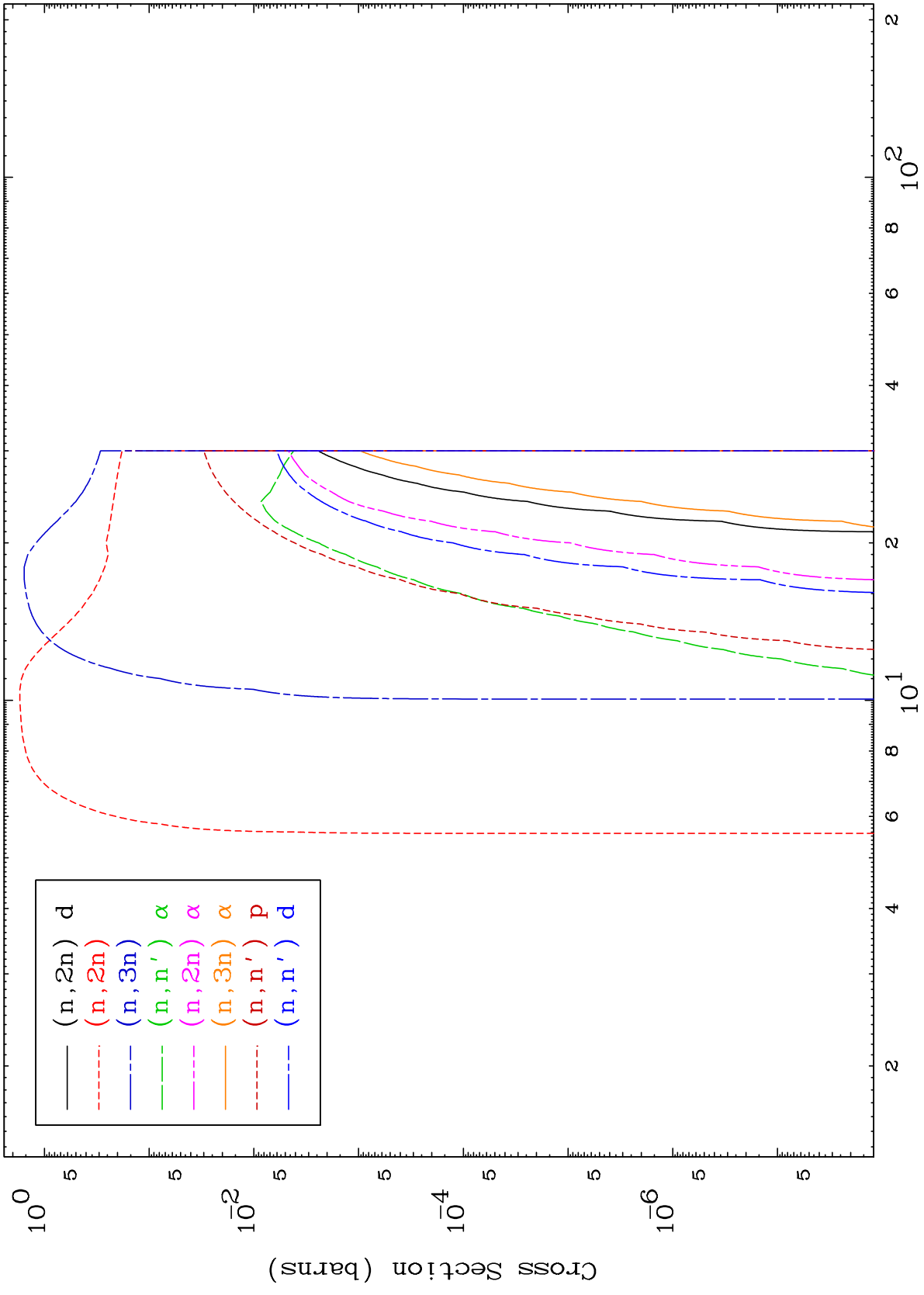
57-La-147

Incident Energy (MeV)

MAT 5752

Neutron Absorption 293 Kelvin Cross Sections

57-La-147



2

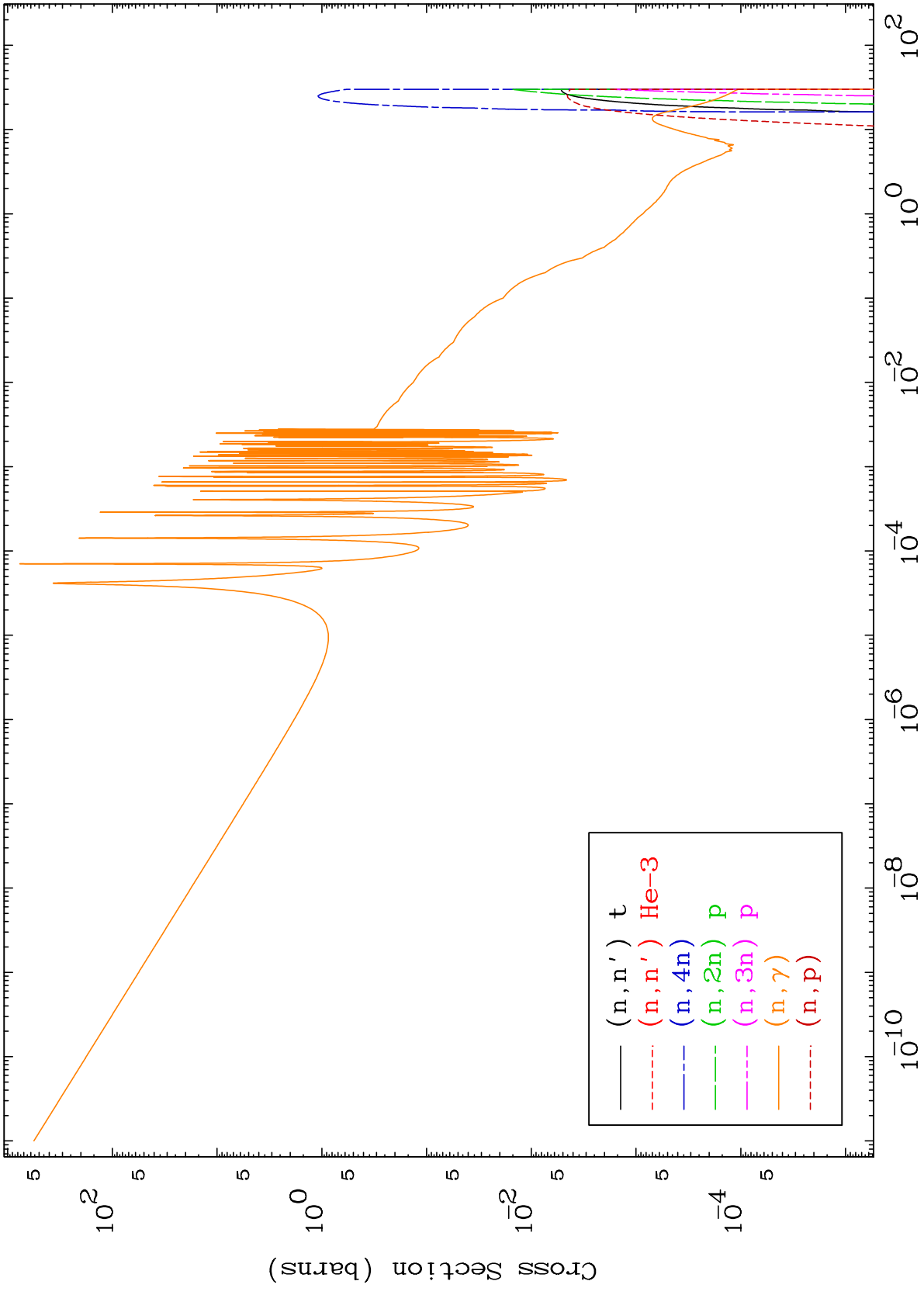
Incident Energy (MeV)

57-La-147

MAT 5752

Neutron Absorption
293 Kelvin Cross Sections

57-La-147

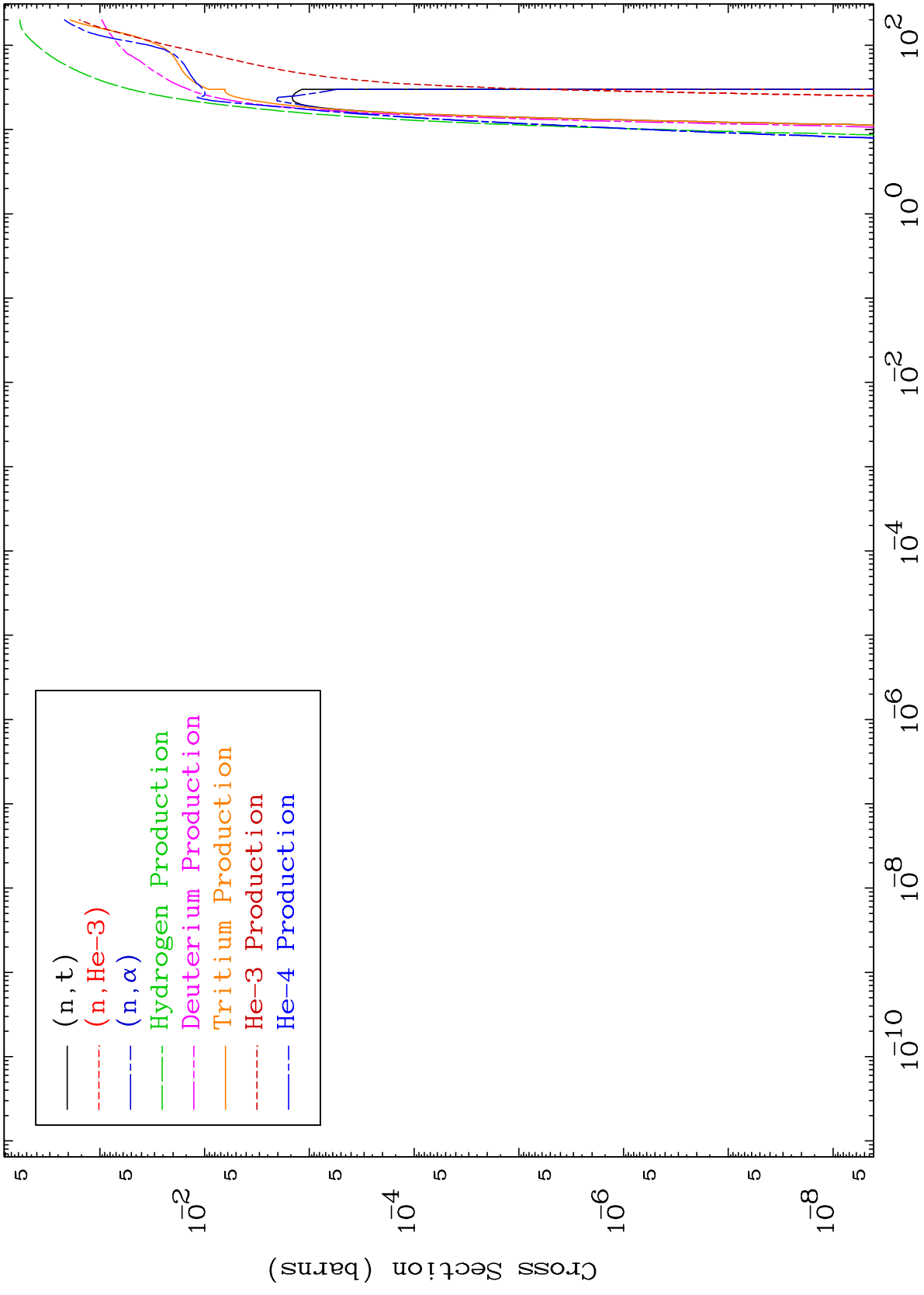


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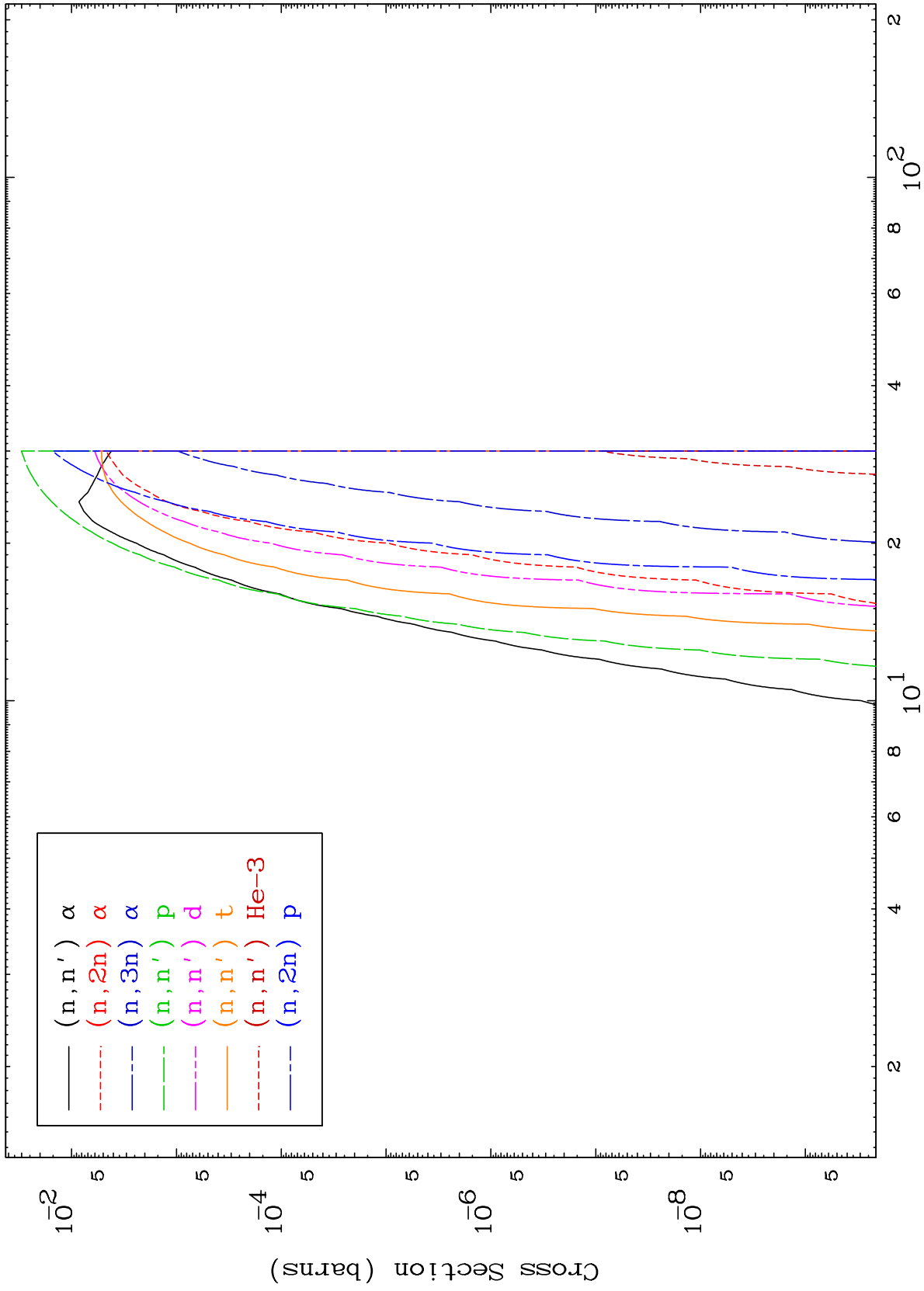
MAT 5752

Neutron Absorption
293 Kelvin Cross Sections

57-La-147



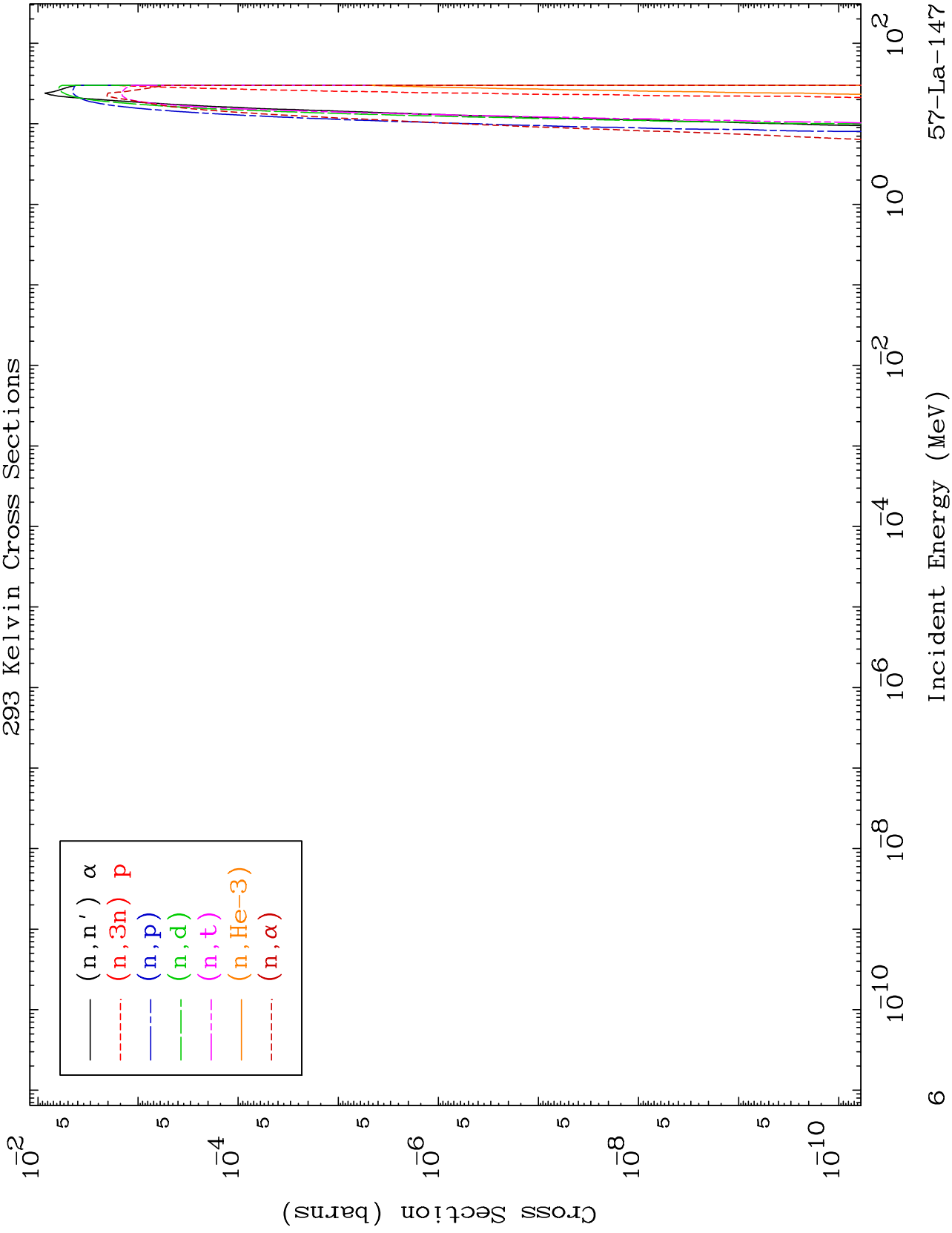
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MAT 5752

293 Kelvin Cross Sections

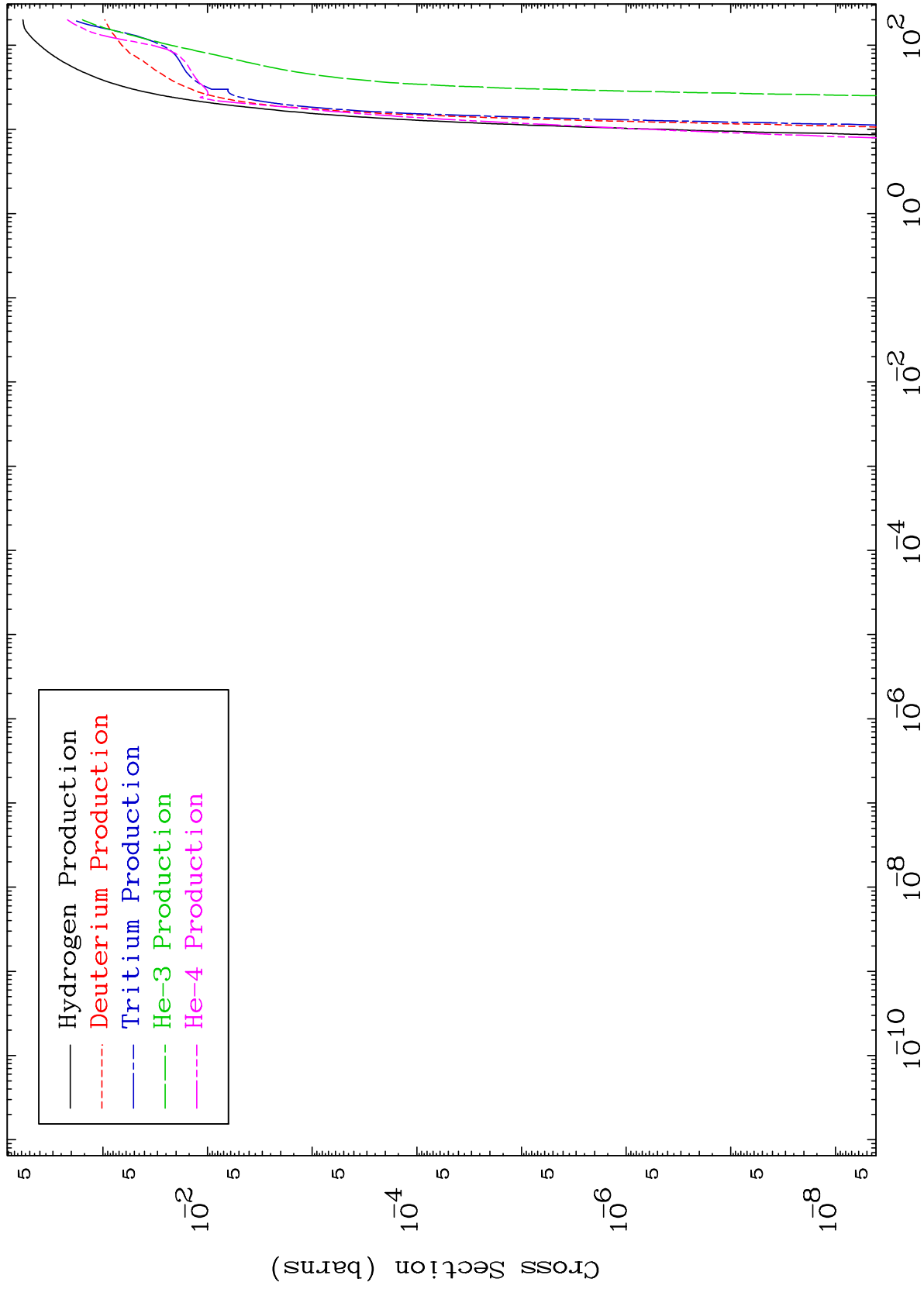
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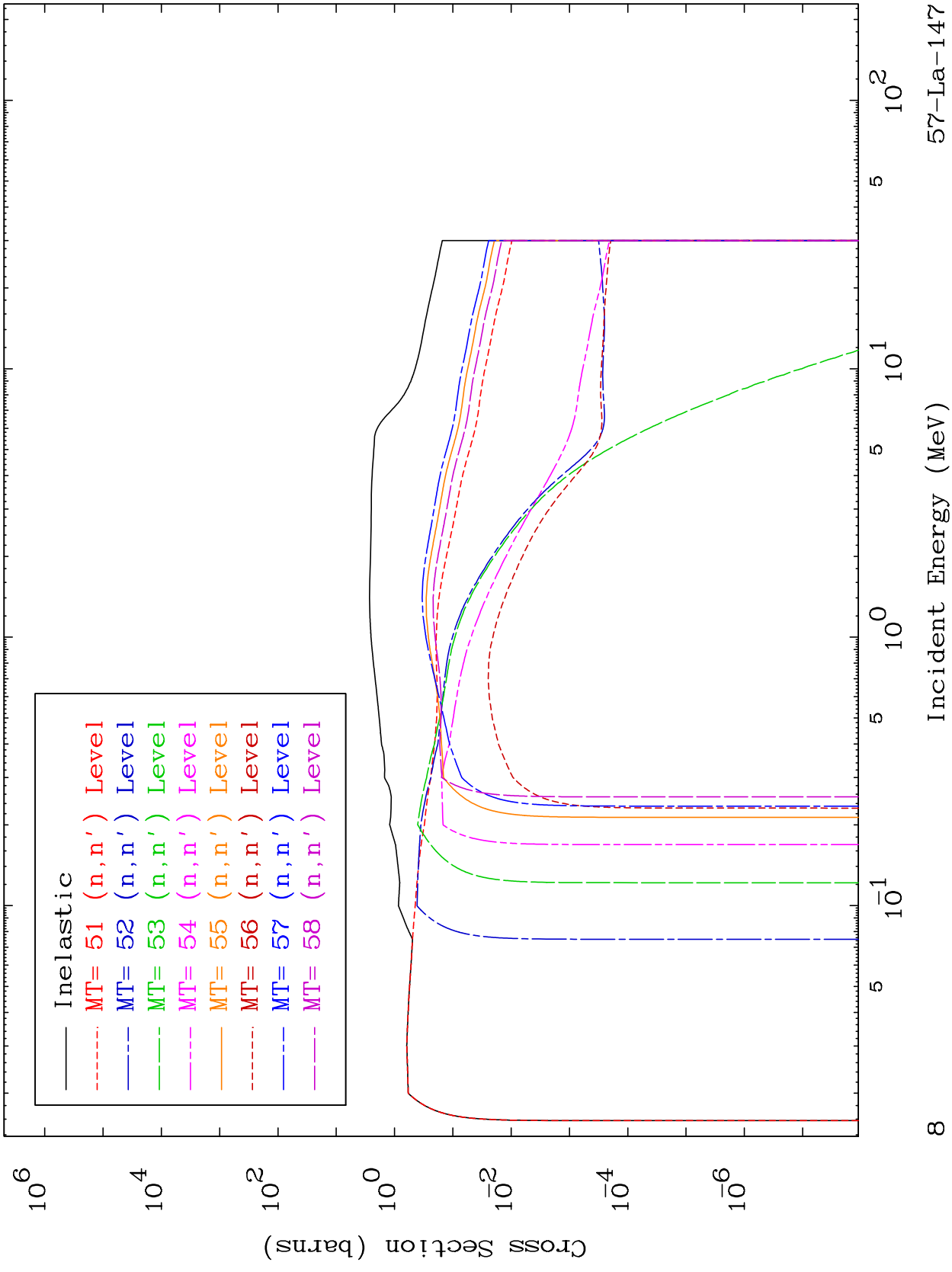


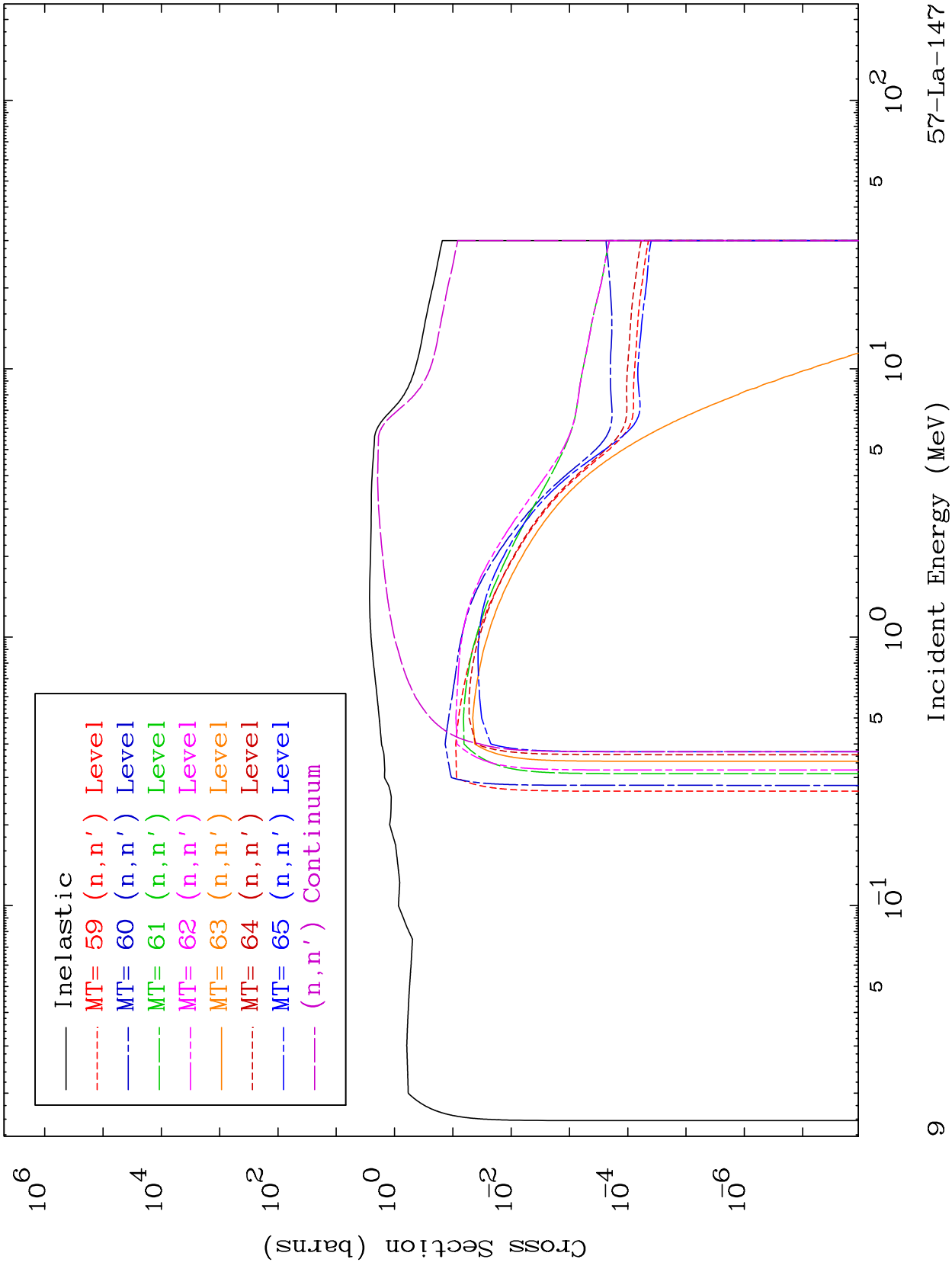
MAT 5752

Particle Production
293 Kelvin Cross Sections

57-La-147



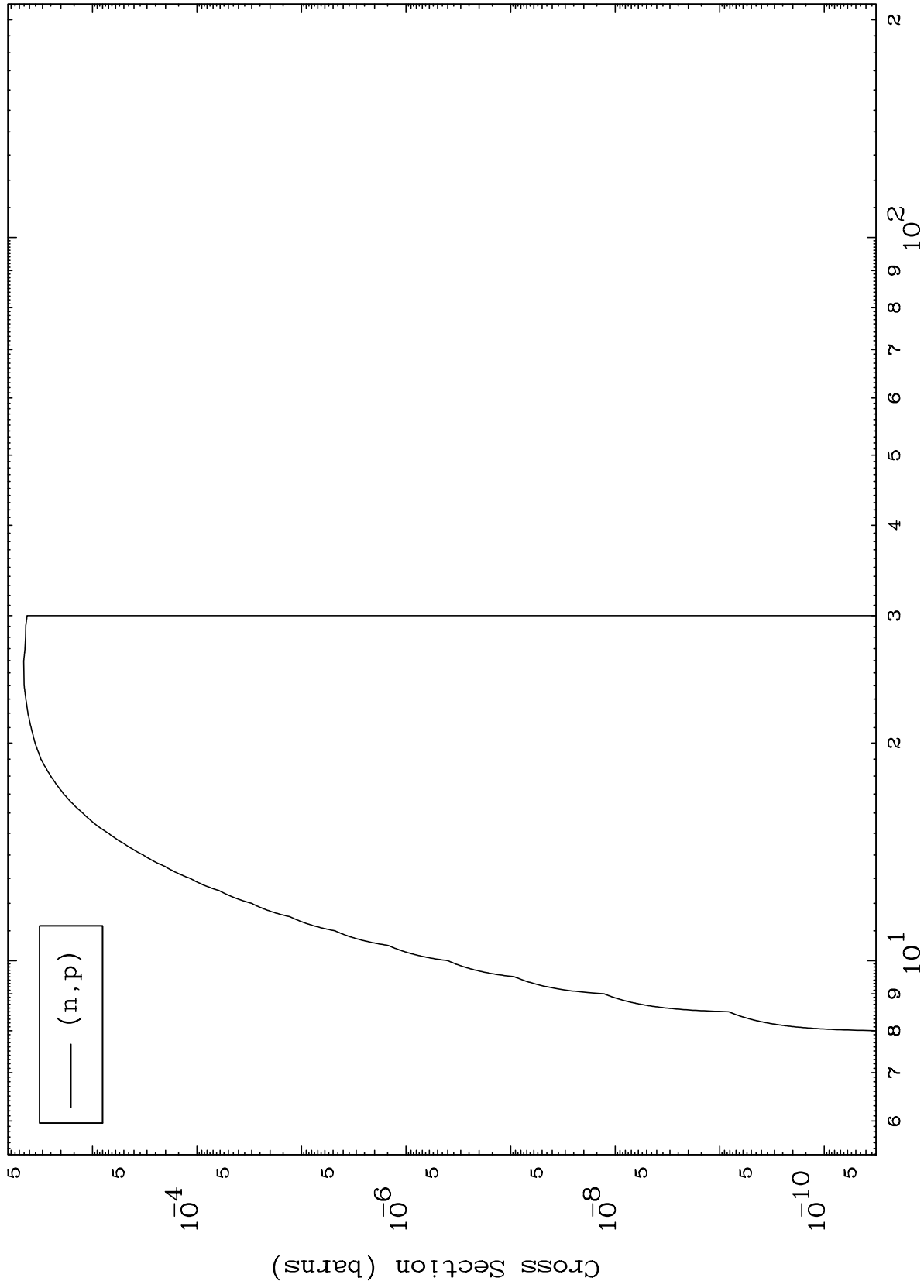




MAT 5752

(n,p) Levels
293 Kelvin Cross Sections

57-La-147



10

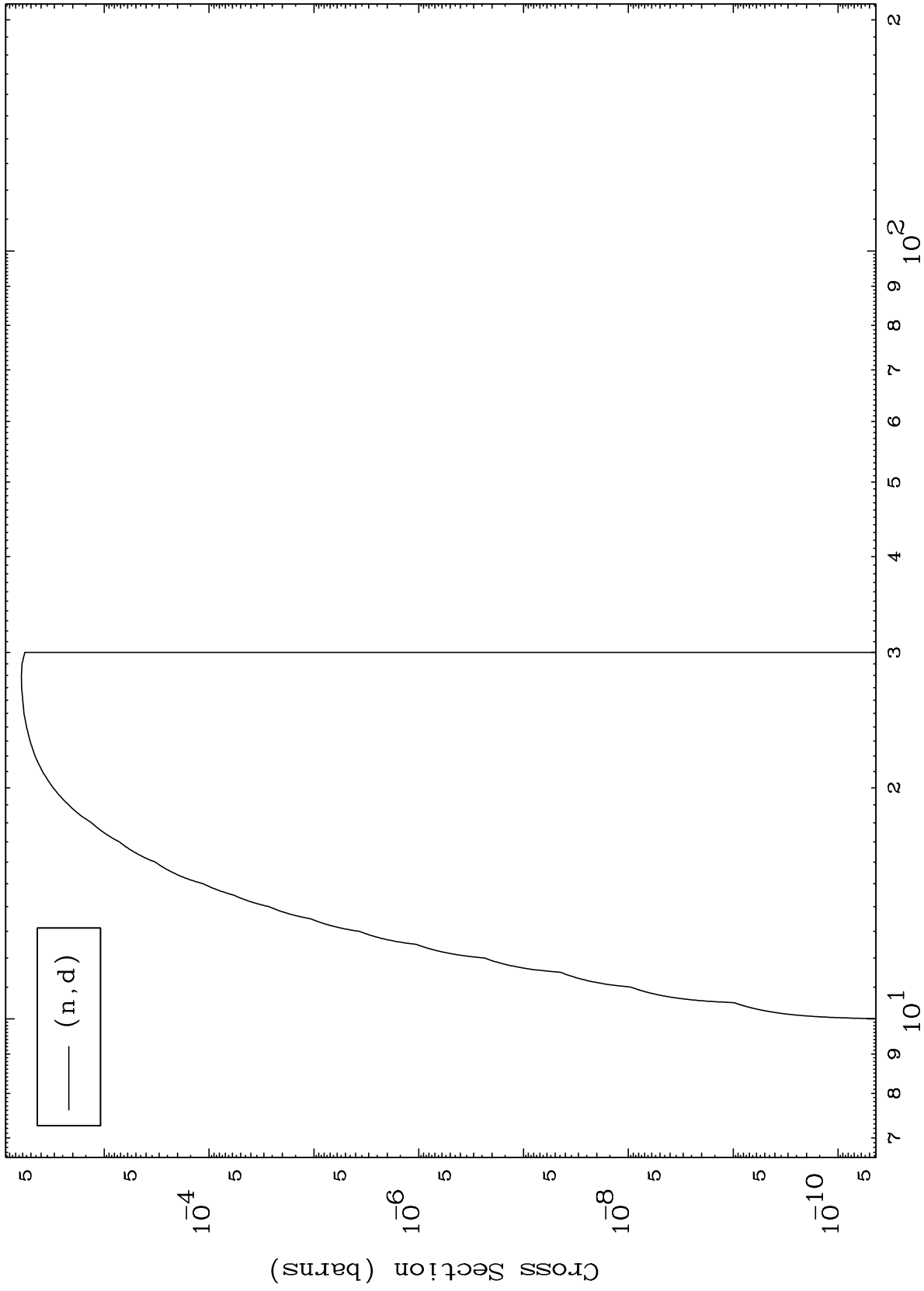
Incident Energy (MeV)

57-La-147

MAT 5752

(n,d) Levels
293 Kelvin Cross Sections

57-La-147



11

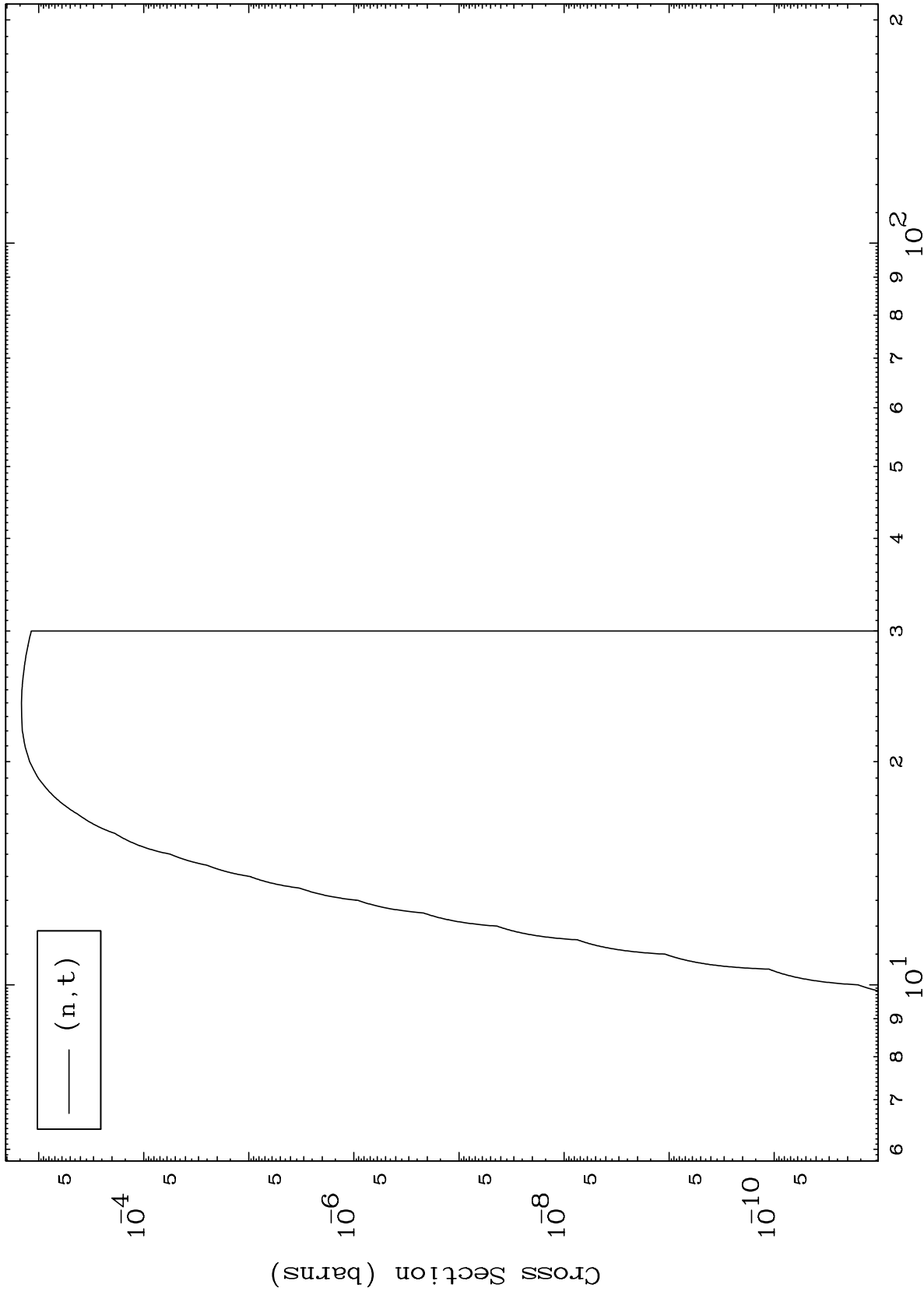
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57-La-147

MAT 5752

(n,t) Levels
293 Kelvin Cross Sections

57-La-147



12

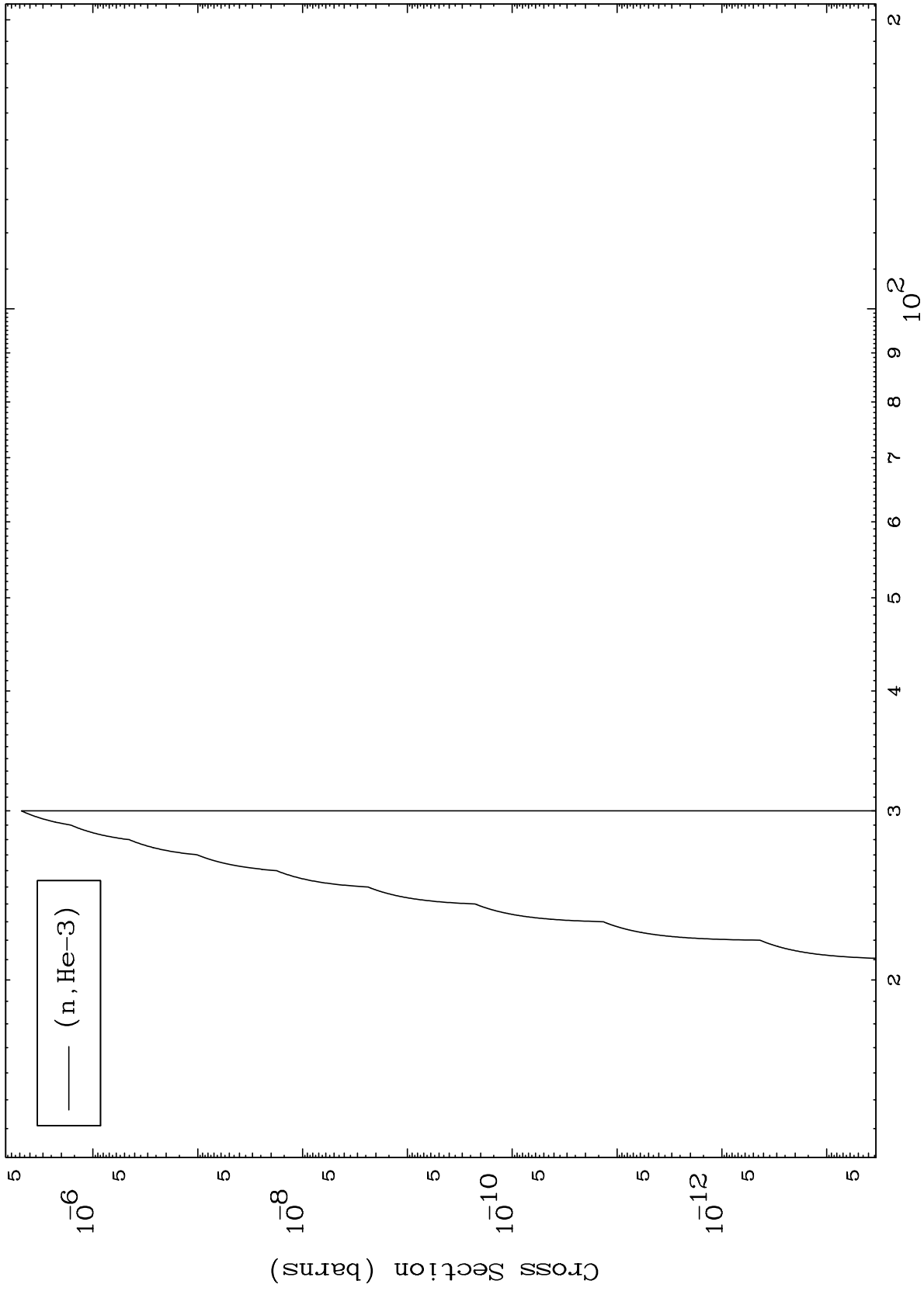
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57-La-147

MAT 5752

(n,He3) Levels
293 Kelvin Cross Sections

57-La-147



13

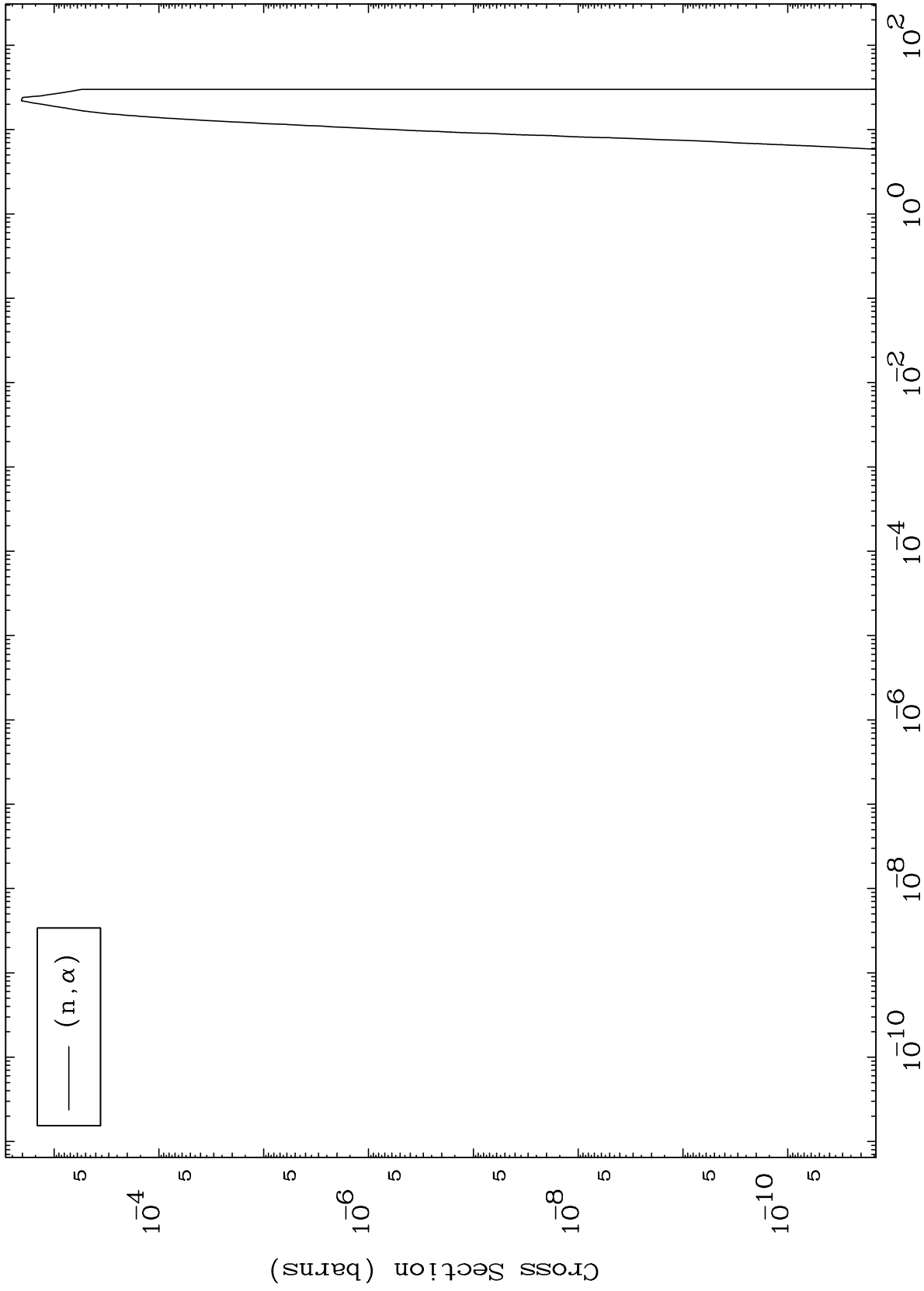
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57-La-147

MAT 5752

(n,α) Levels
293 Kelvin Cross Sections

57-La-147



14

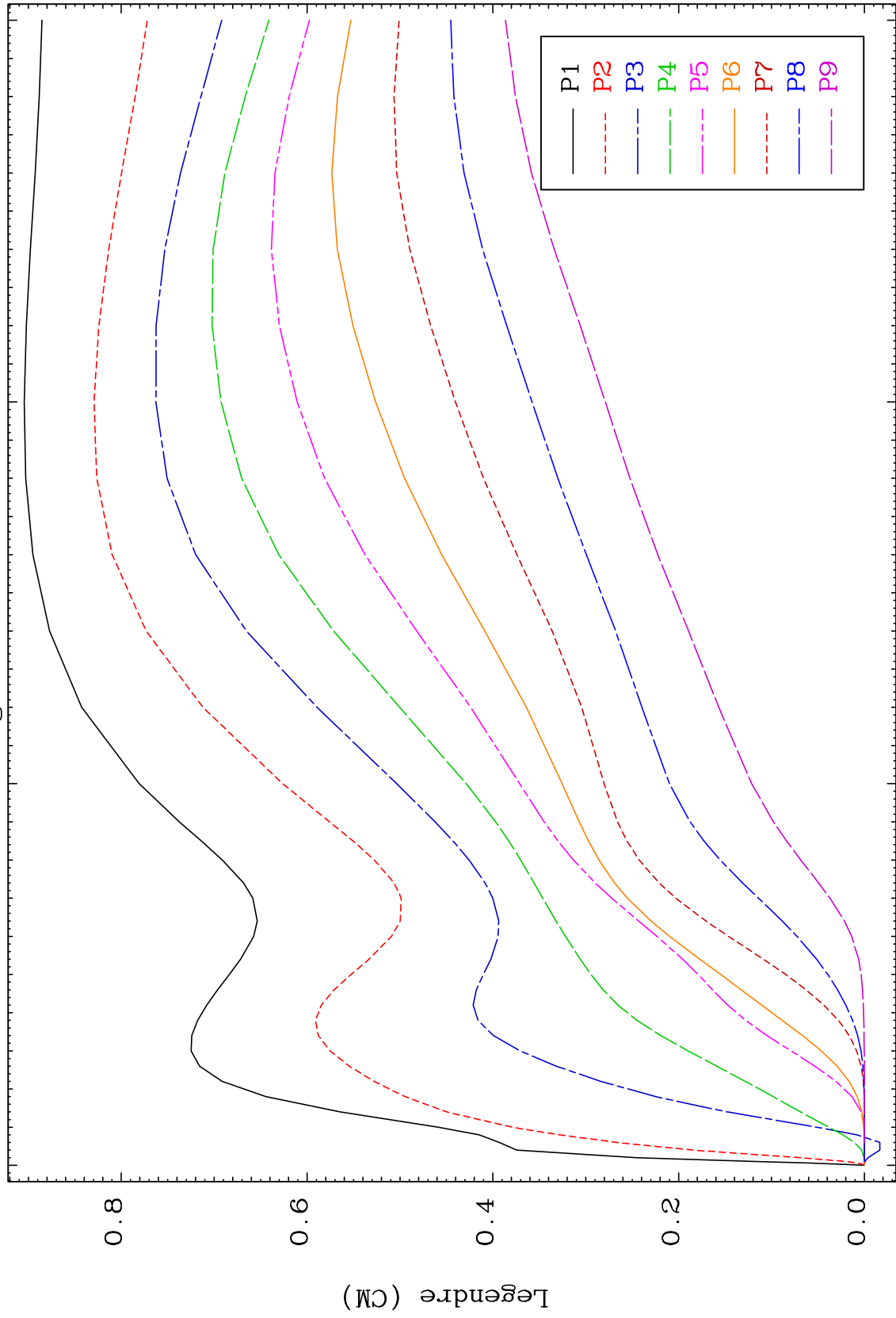
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57-La-147

MAT 5752

Elastic Legendre Coefficients

57-La-147



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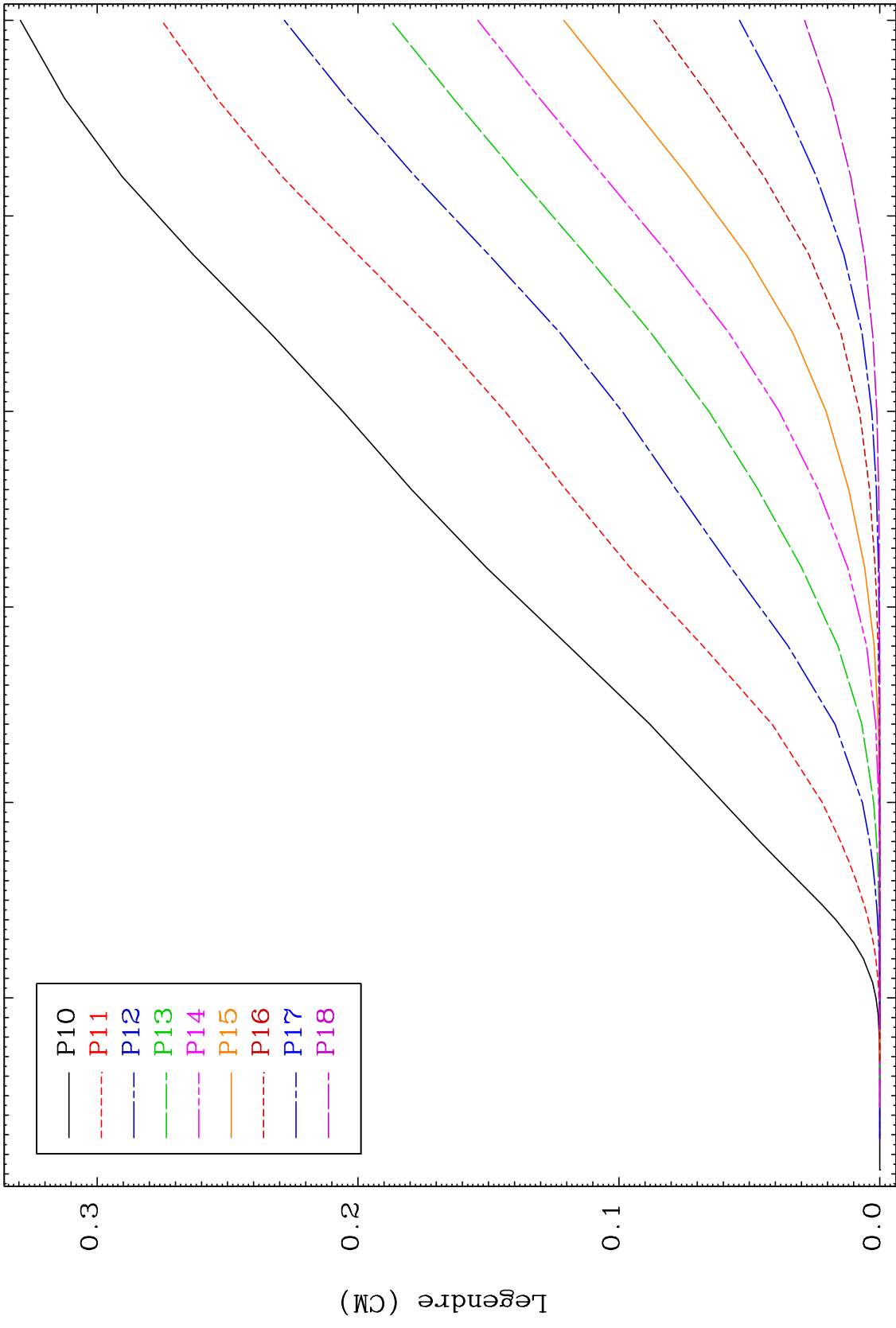
Incident Energy (MeV)

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MAT 5752

Elastic Legendre Coefficients

57-La-147



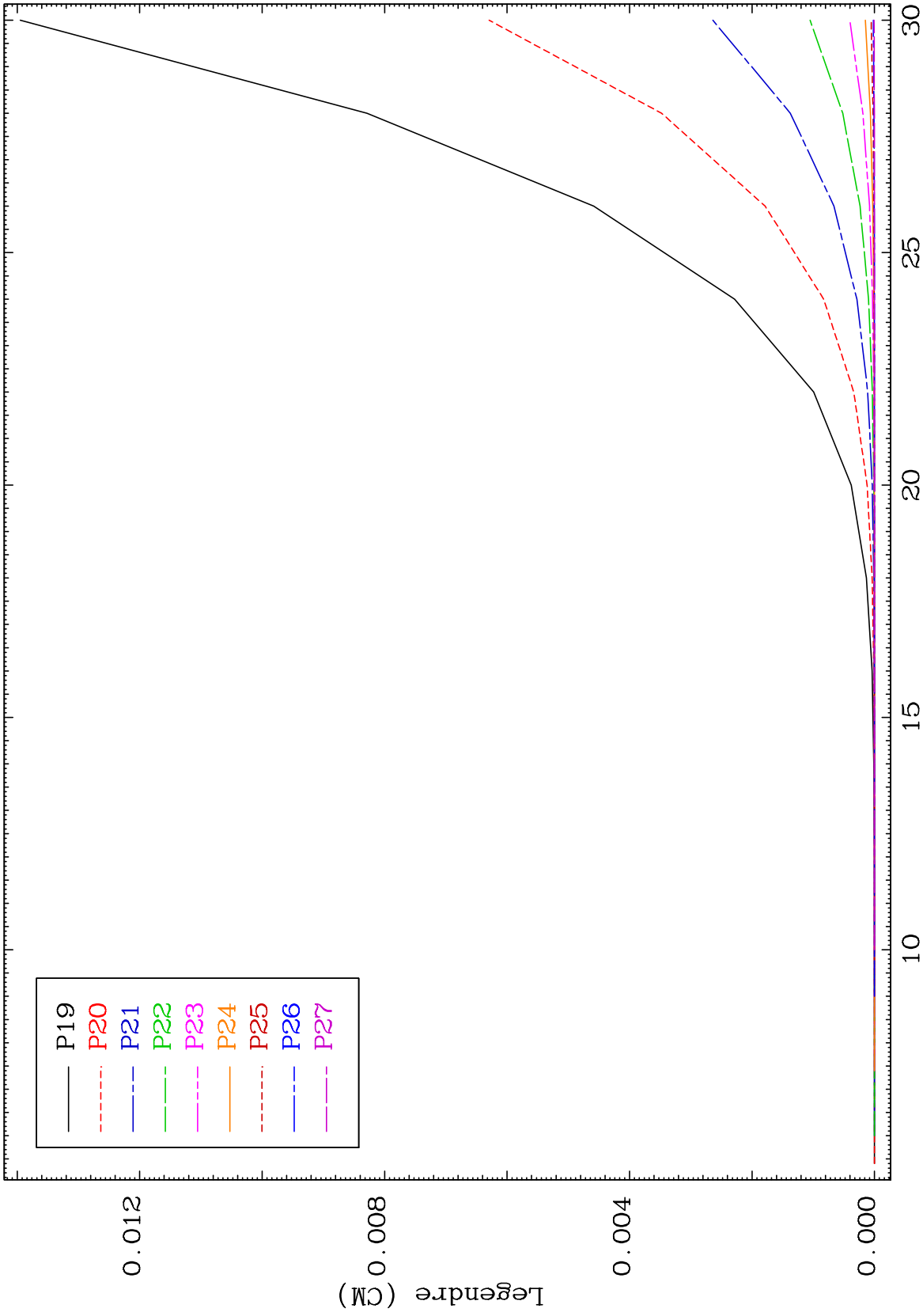
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MAT 5752

Elastic Legendre Coefficients

57-La-147



17

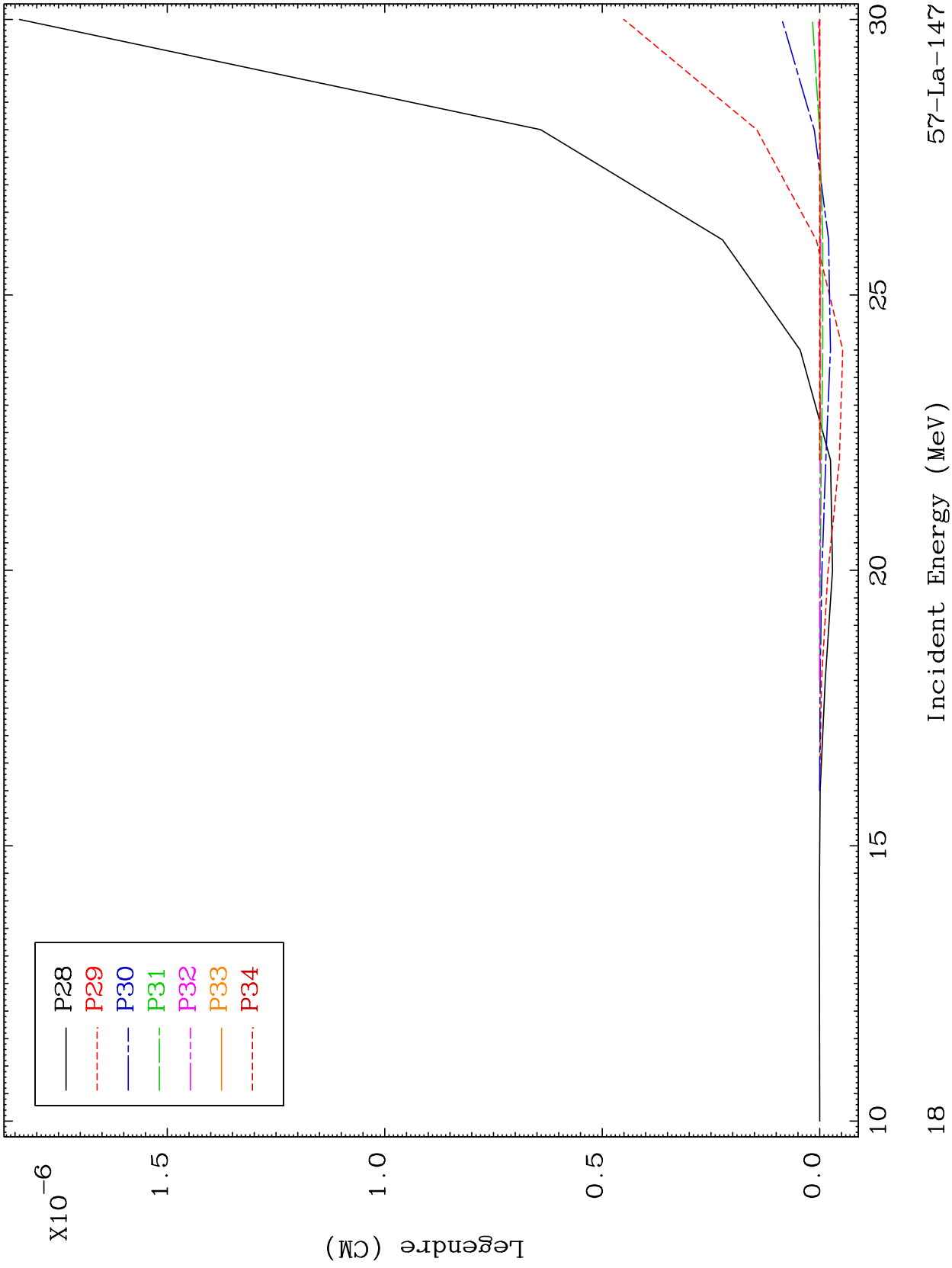
Incident Energy (MeV)

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MAT 5752

Elastic Legendre Coefficients

57-La-147



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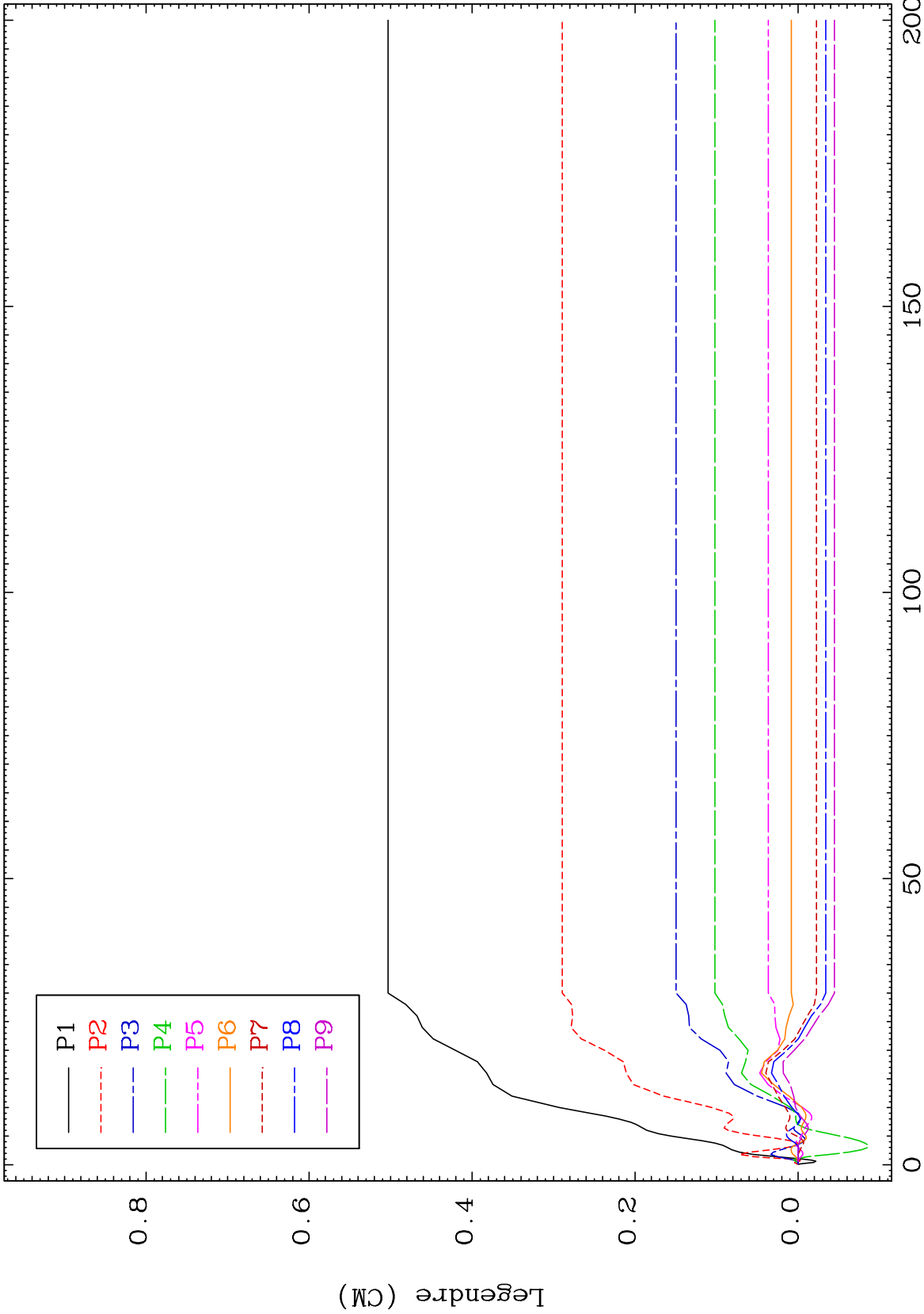
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



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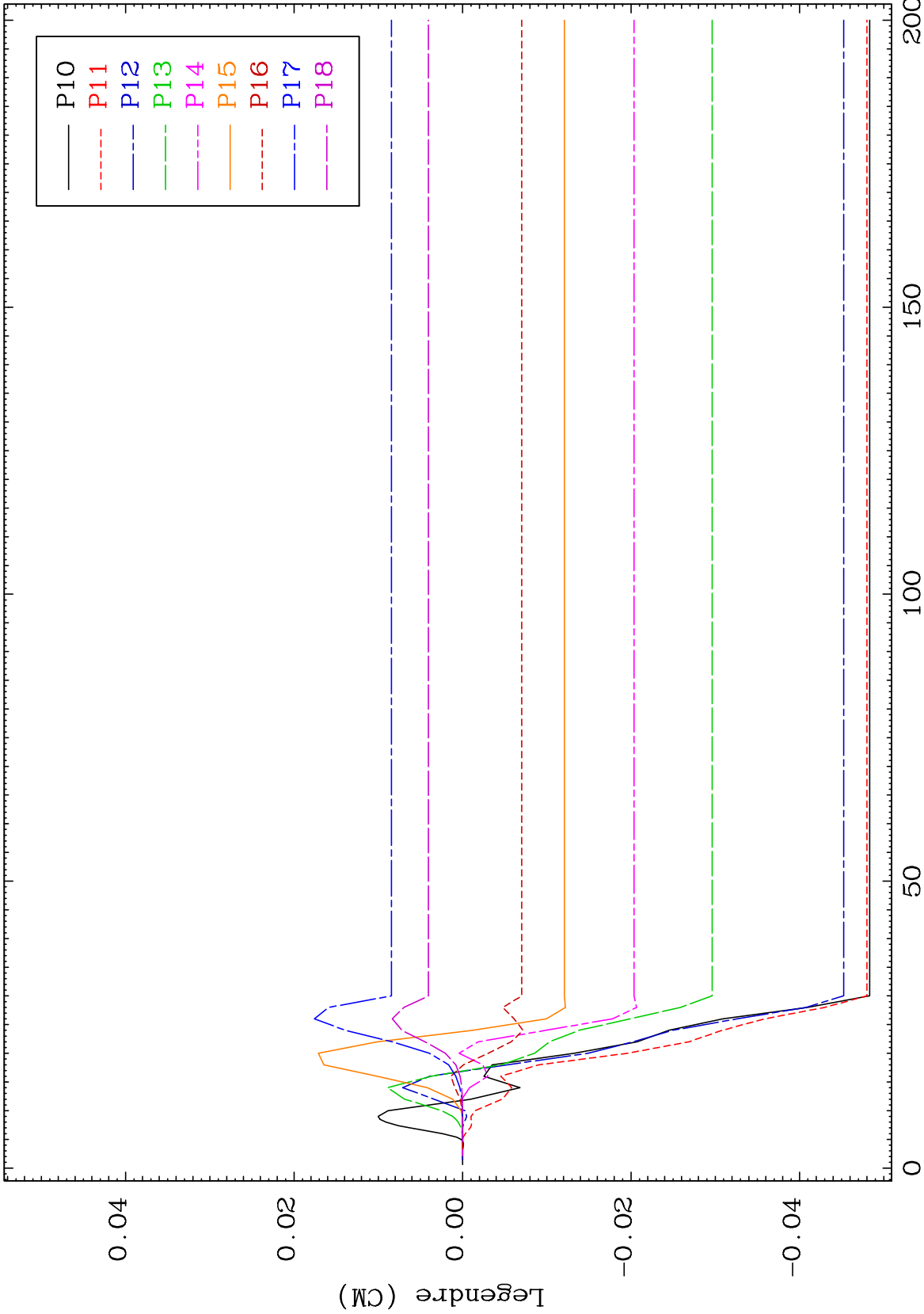
Incident Energy (MeV)

57-La-147

MAT 5752

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

57-La-147



57-La-147

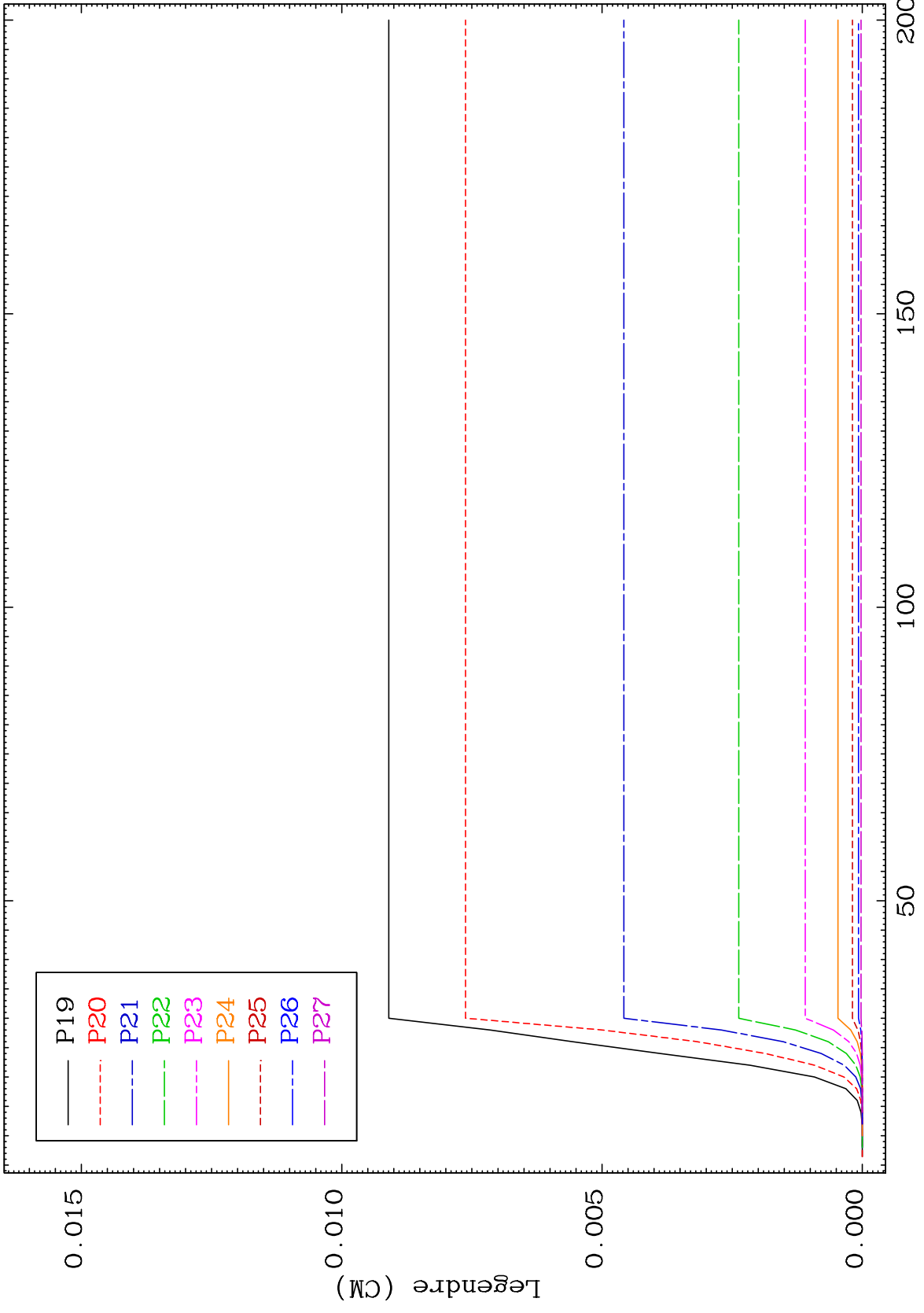
Incident Energy (MeV)

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MAT 5752

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

57-La-147



21

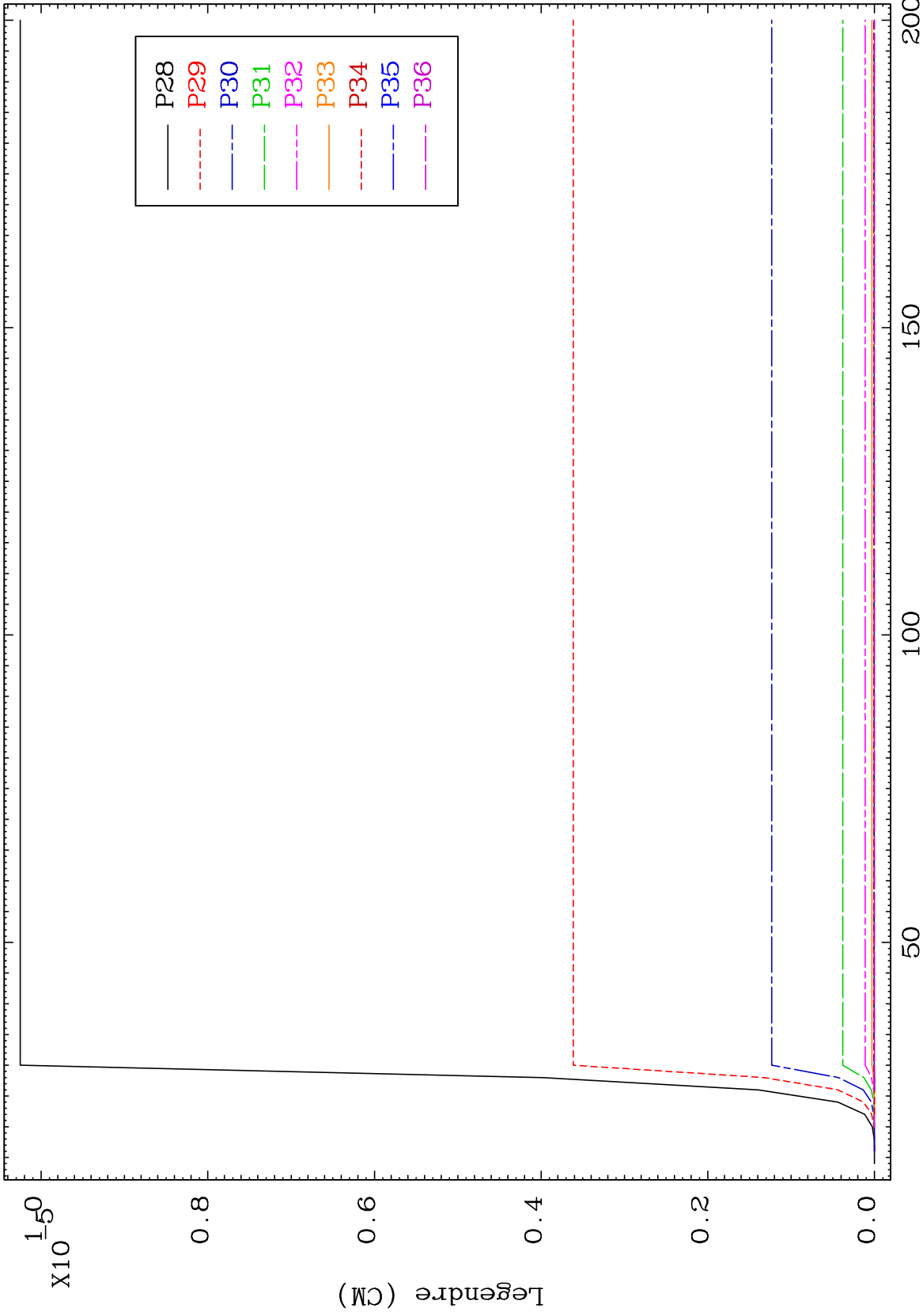
Incident Energy (MeV)

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MAT 5752

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

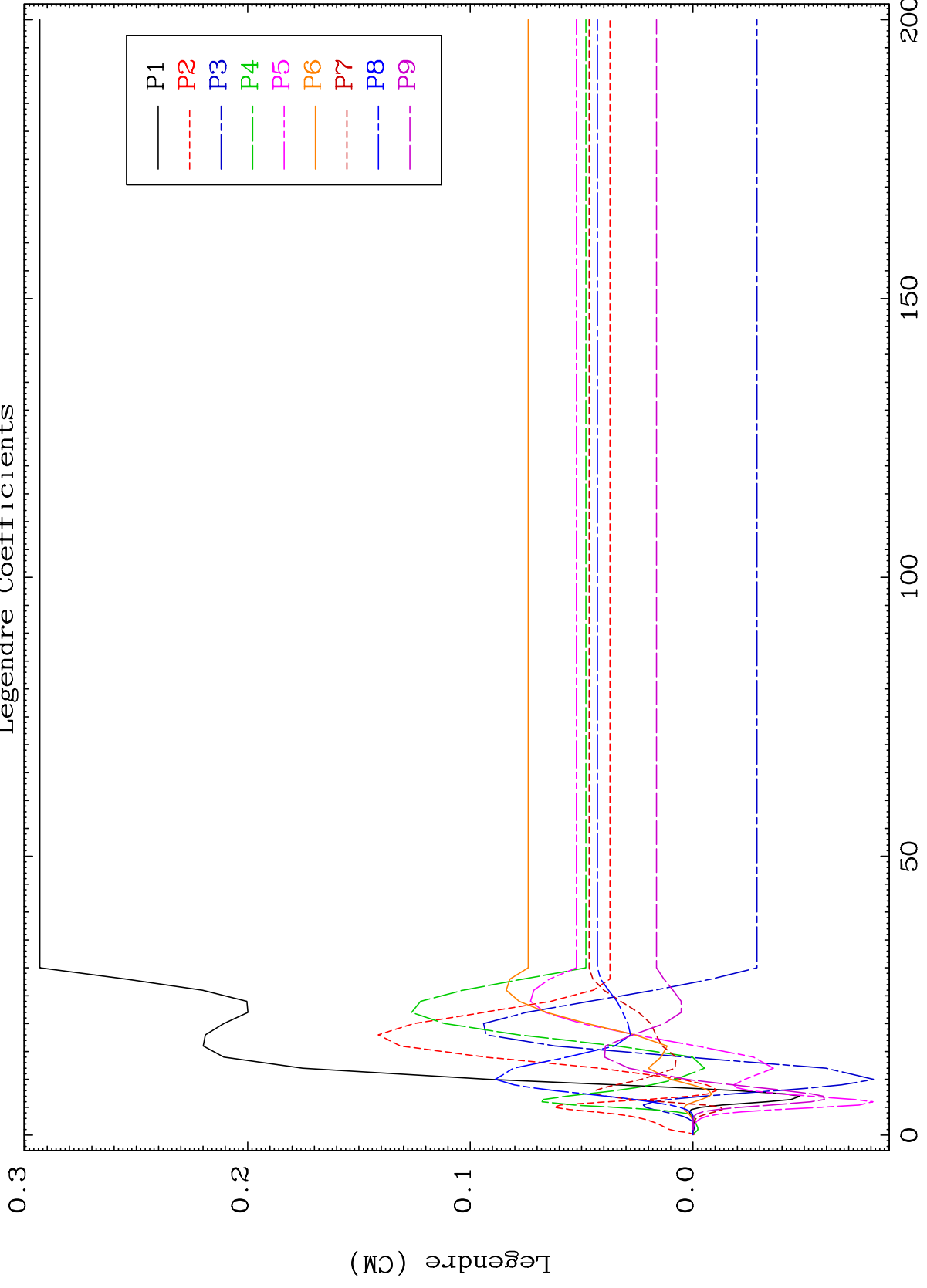
57-La-147



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57-La-147

MAT 5752 MT= 52 (n,n') Level Legendre Coefficients 57-La-147

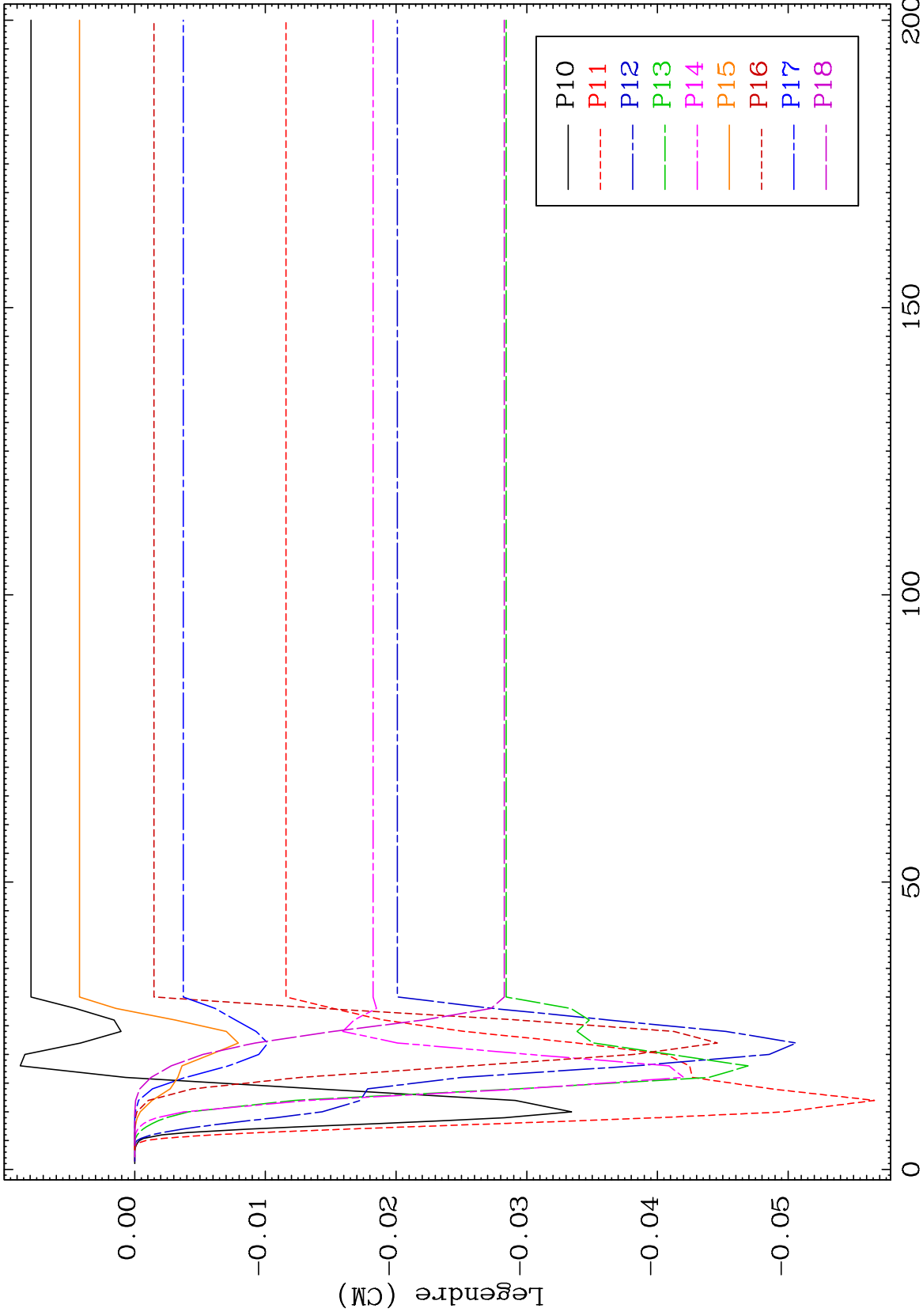


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MAT 5752

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

57-La-147



24

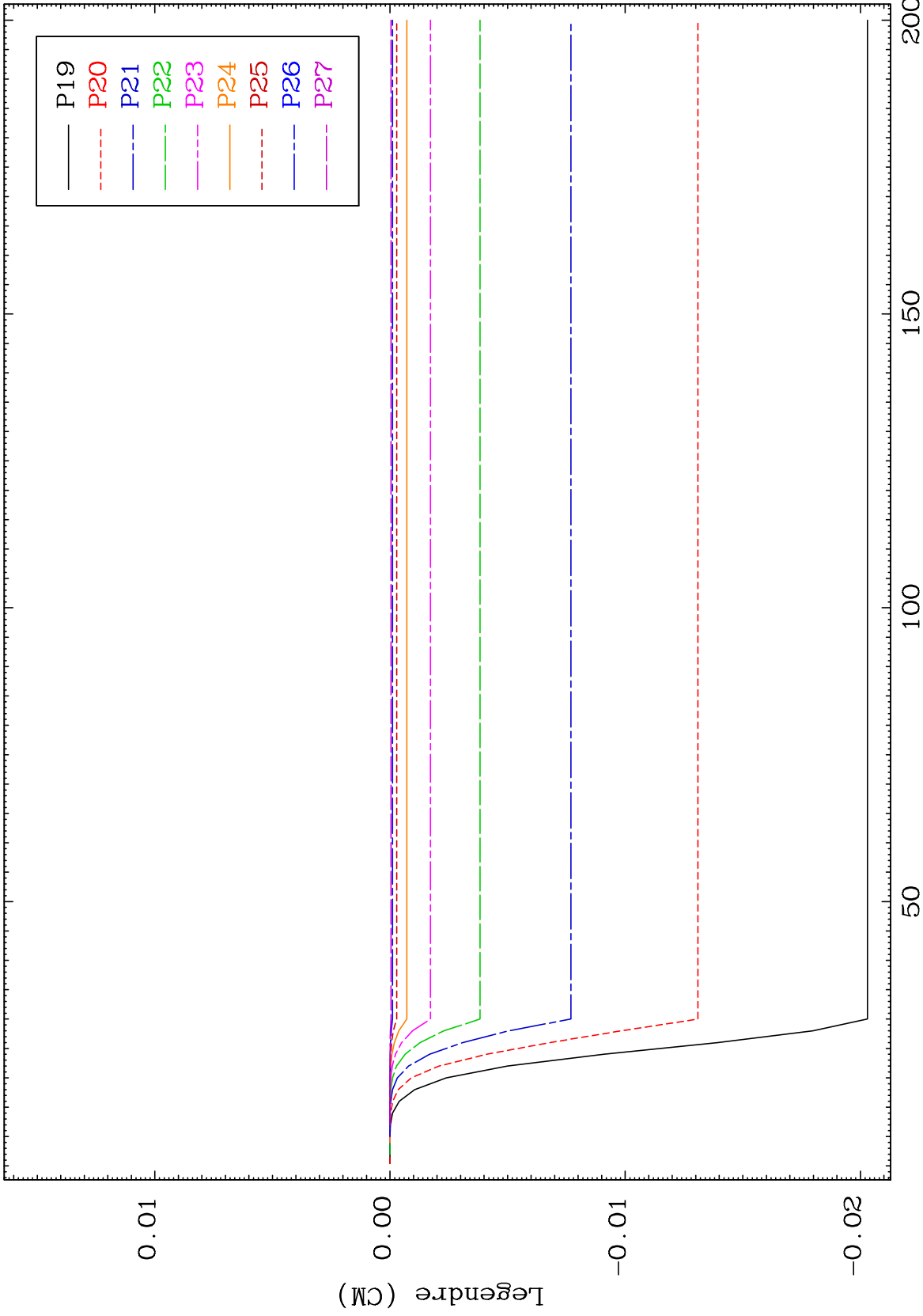
Incident Energy (MeV)

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MAT 5752

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

57-La-147



25

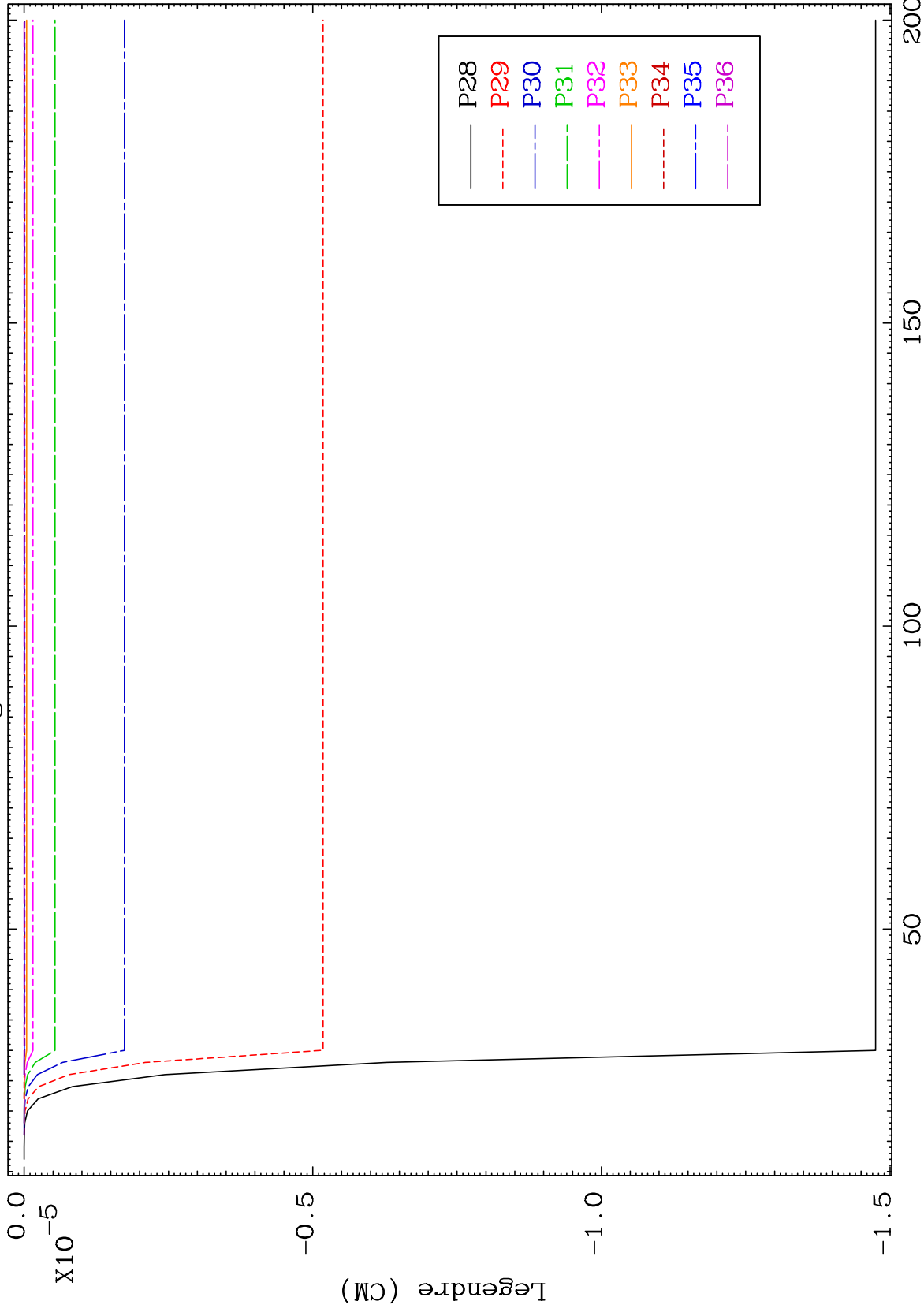
Incident Energy (MeV)

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MAT 5752

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

57-La-147



57-La-147

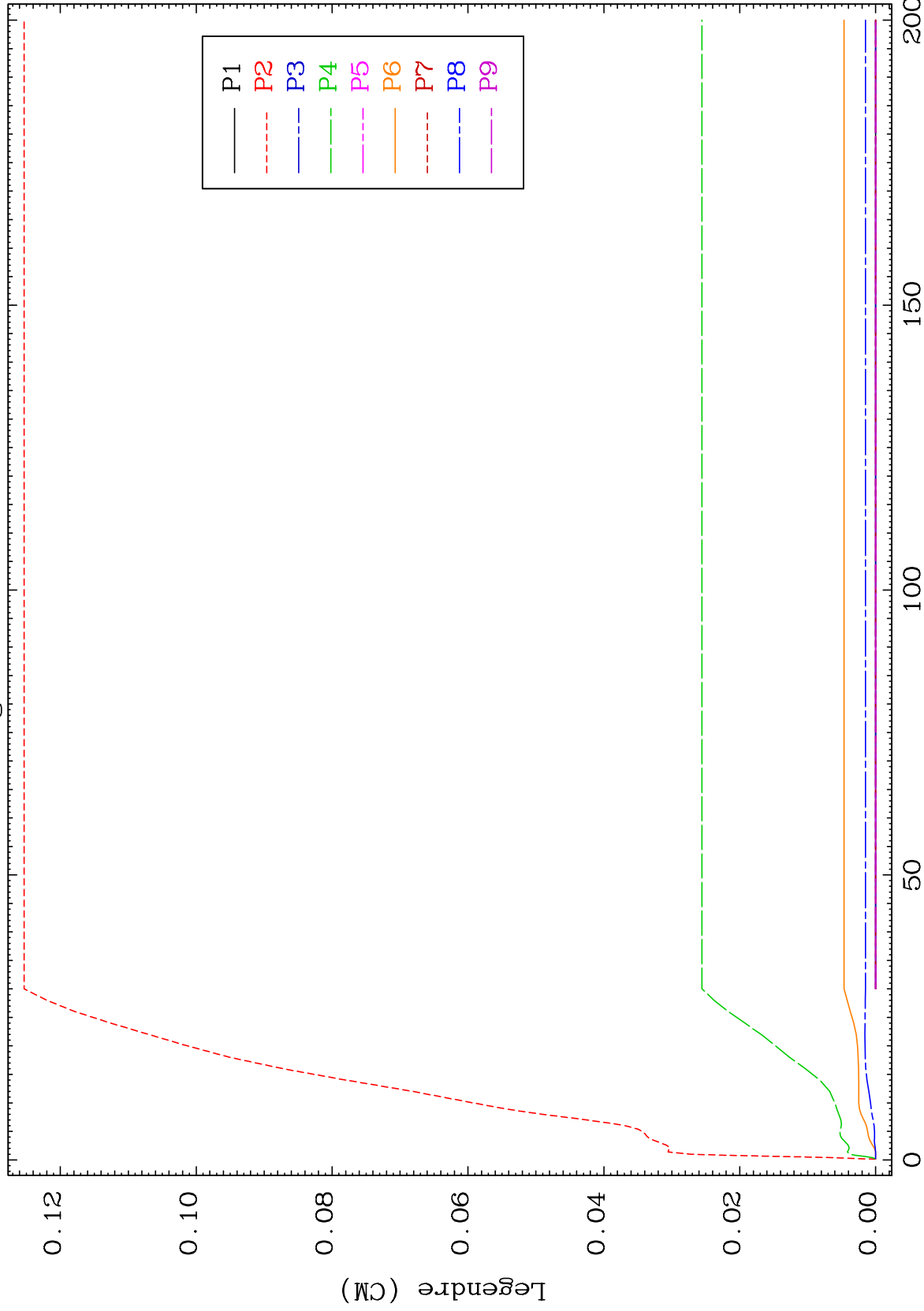
Incident Energy (MeV)

26

MAT 5752

MT= 53 (n,n') Level
Legendre Coefficients

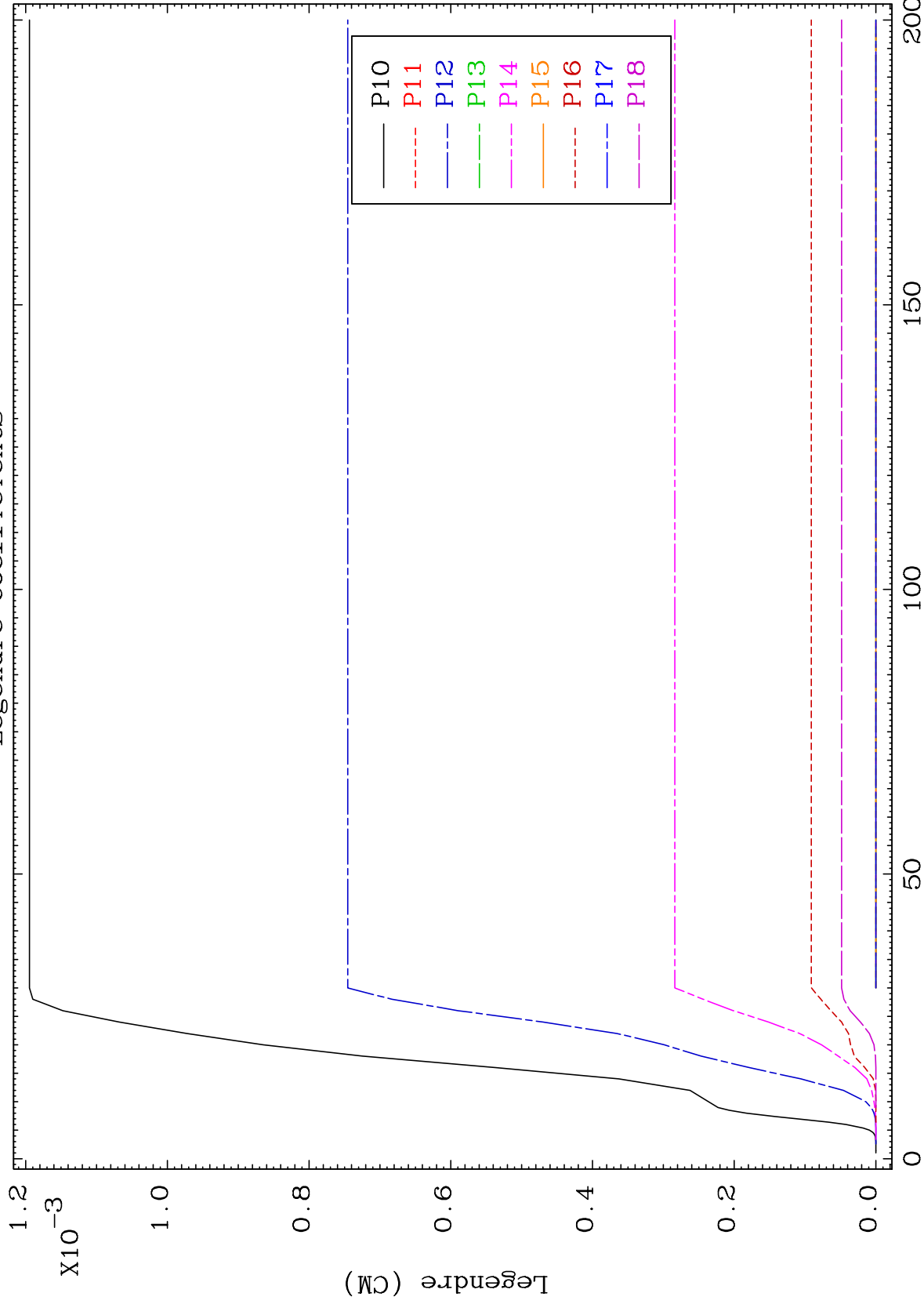
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Incident Energy (MeV)

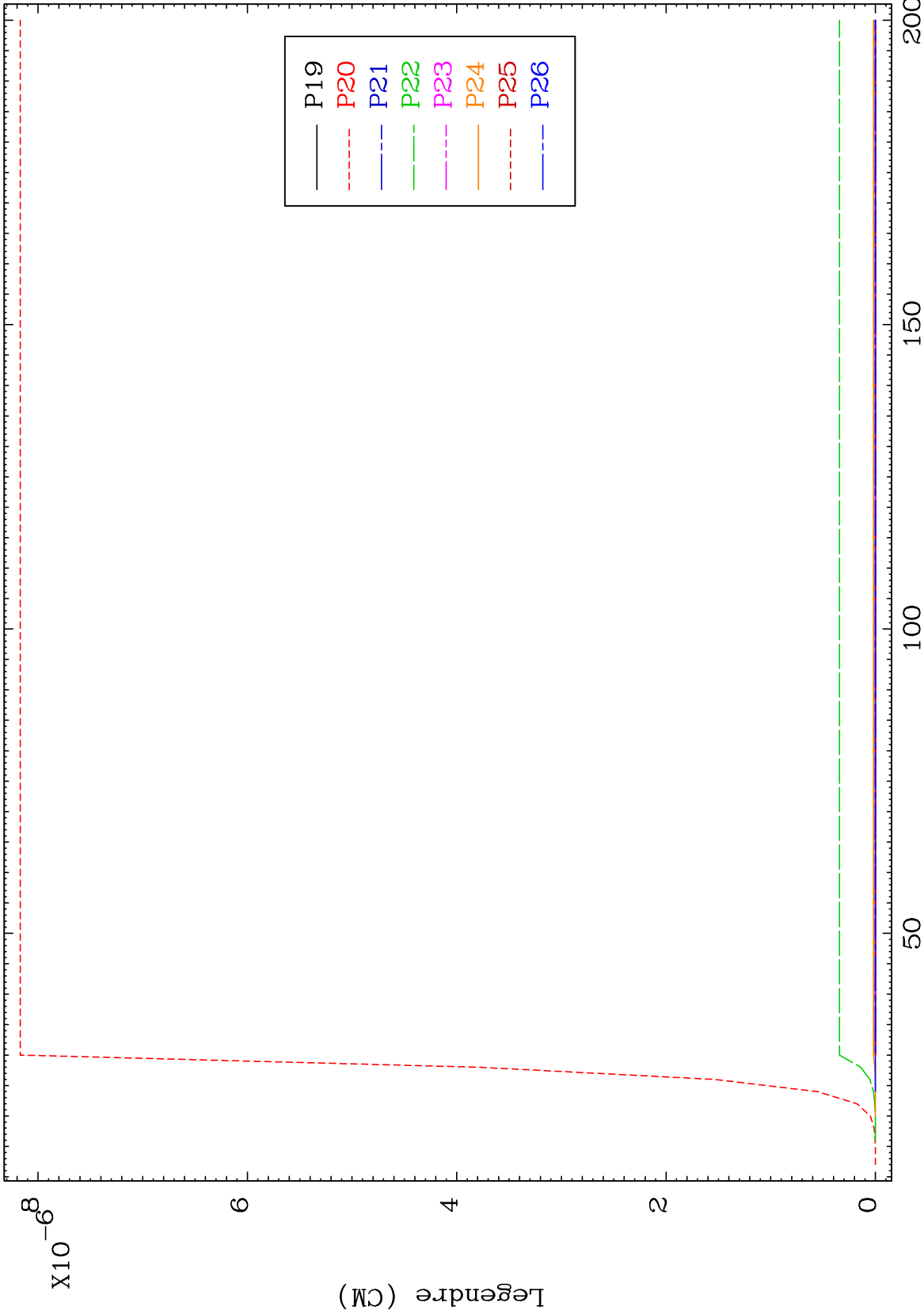
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MAT 5752

MT= 53 (n,n') Level
Legendre Coefficients

57-La-147



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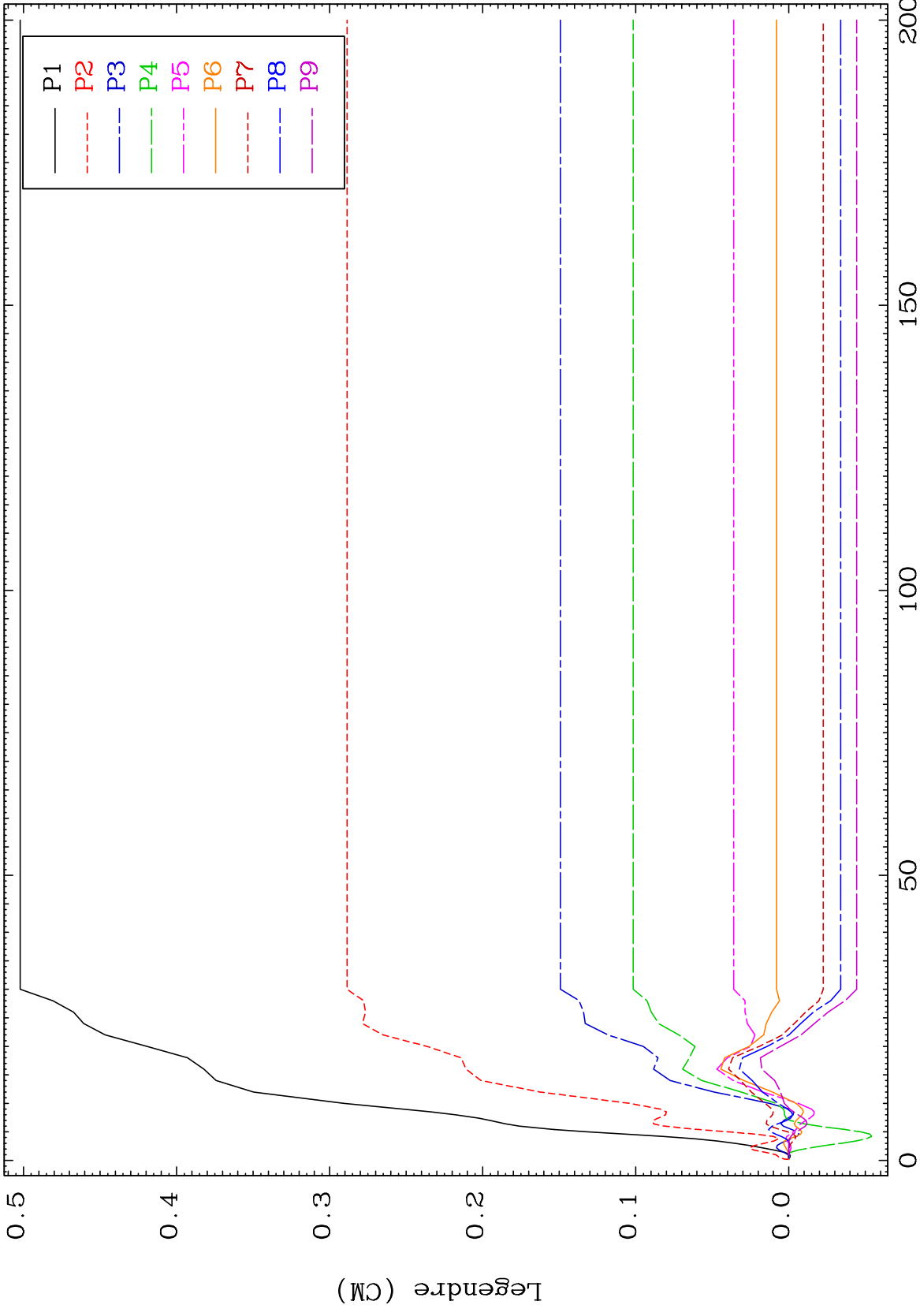
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 54 (n,n') Level
Legendre Coefficients

57-La-147



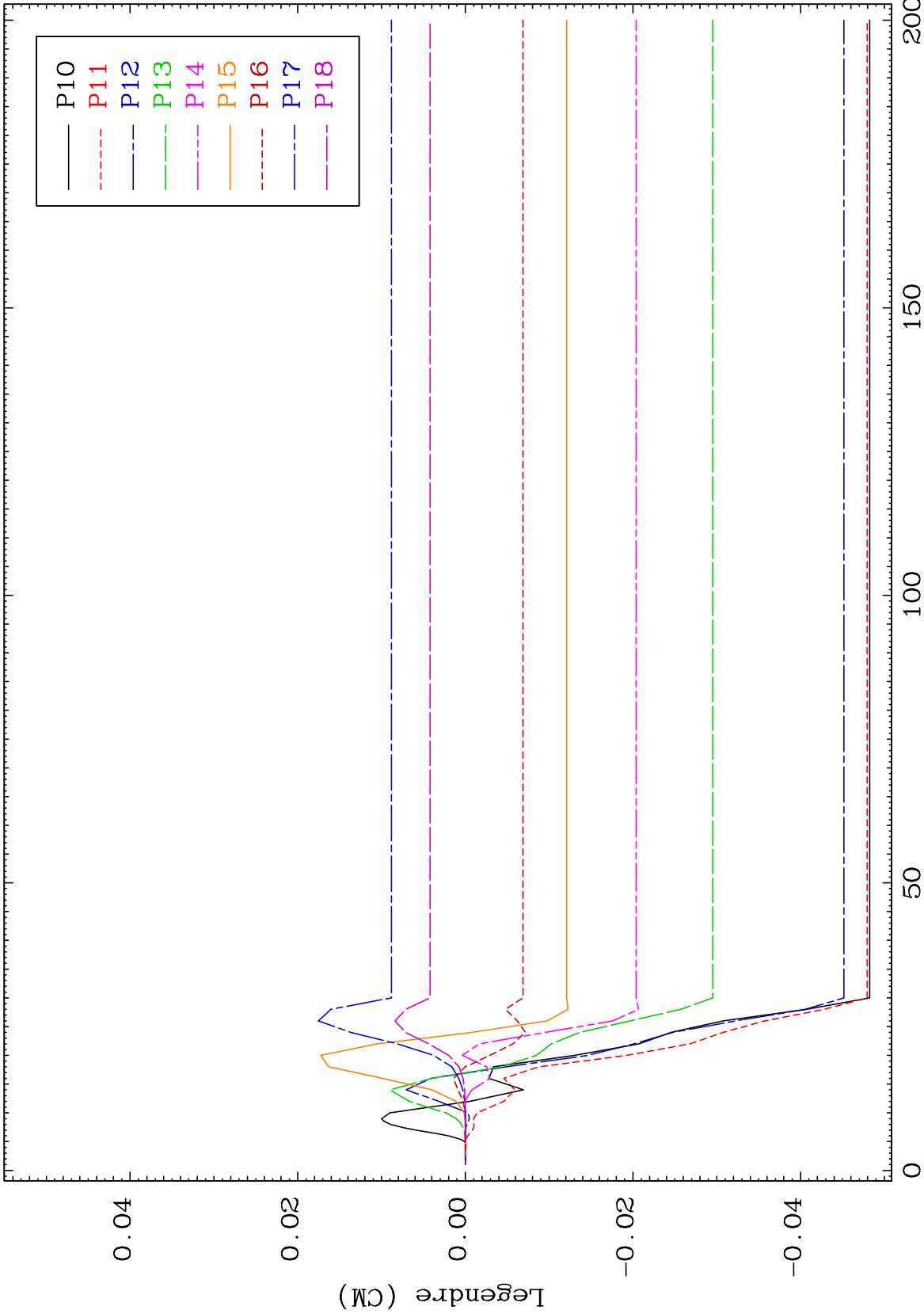
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Incident Energy (MeV)

MAT 5752

MT= 54 (n,n') Level
Legendre Coefficients

57-La-147



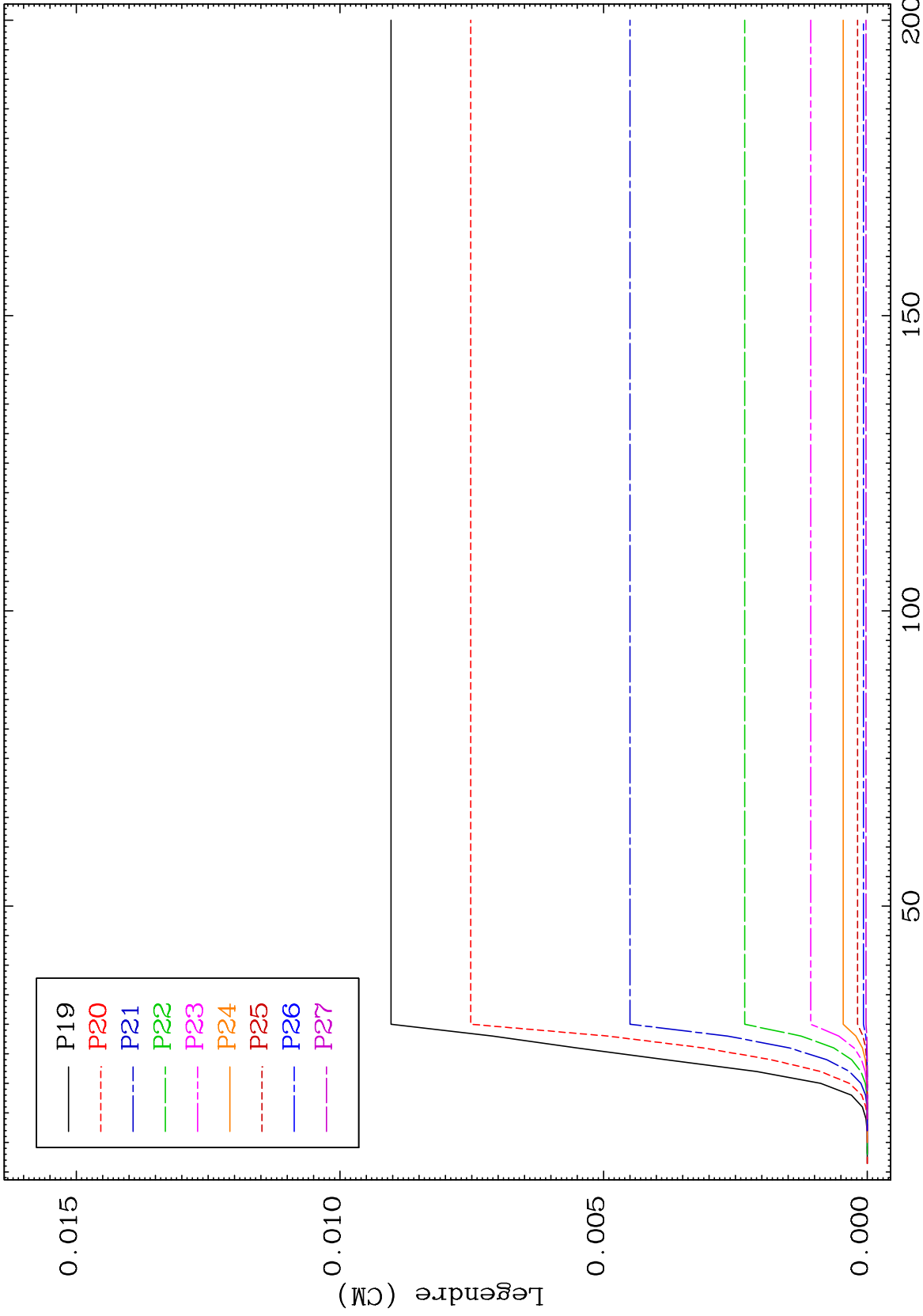
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MAT 5752

MT= 54 (n,n') Level
Legendre Coefficients

57-La-147



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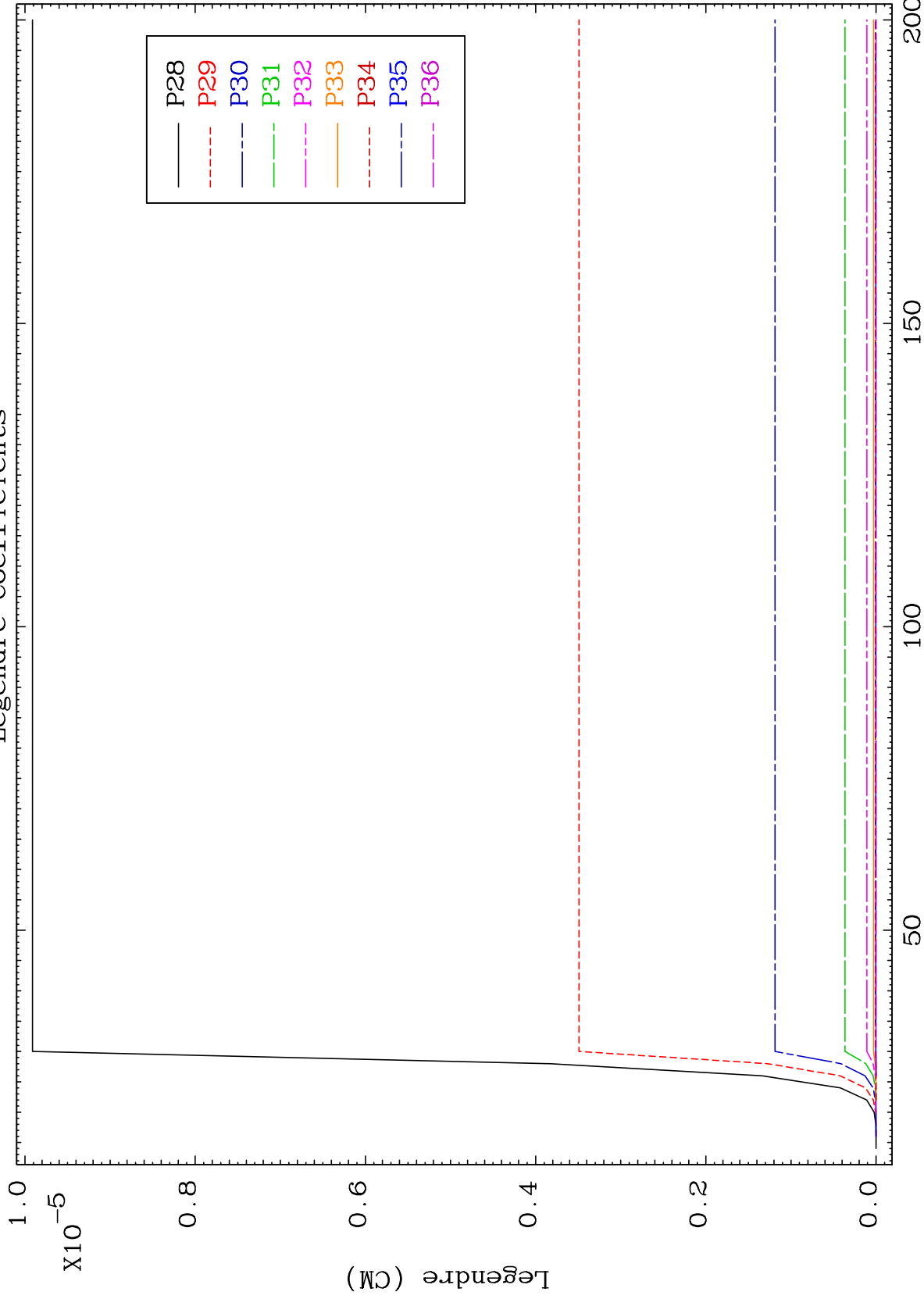
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 54 (n,n') Level
Legendre Coefficients

57-La-147



33

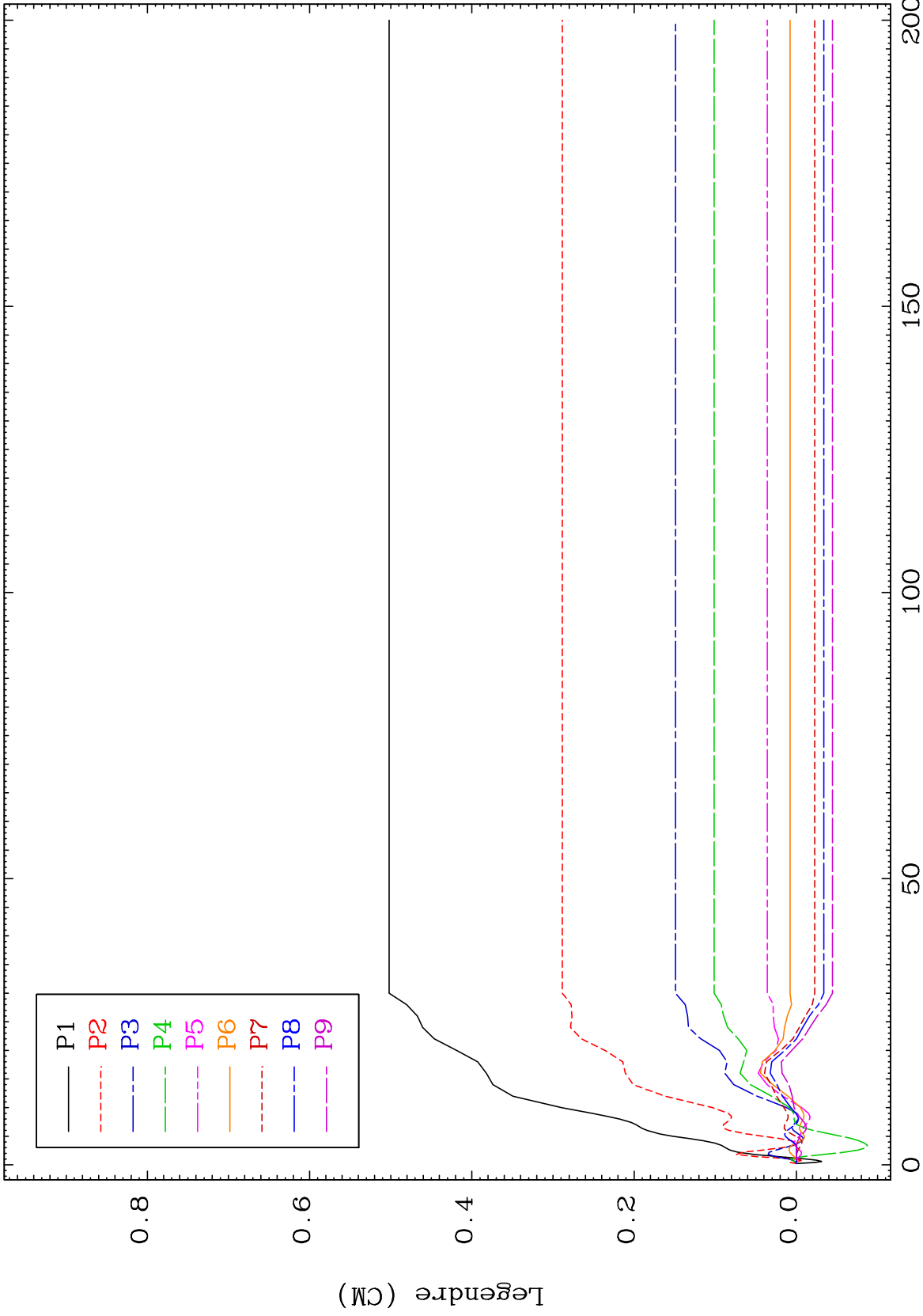
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 55 (n,n') Level
Legendre Coefficients

57-La-147



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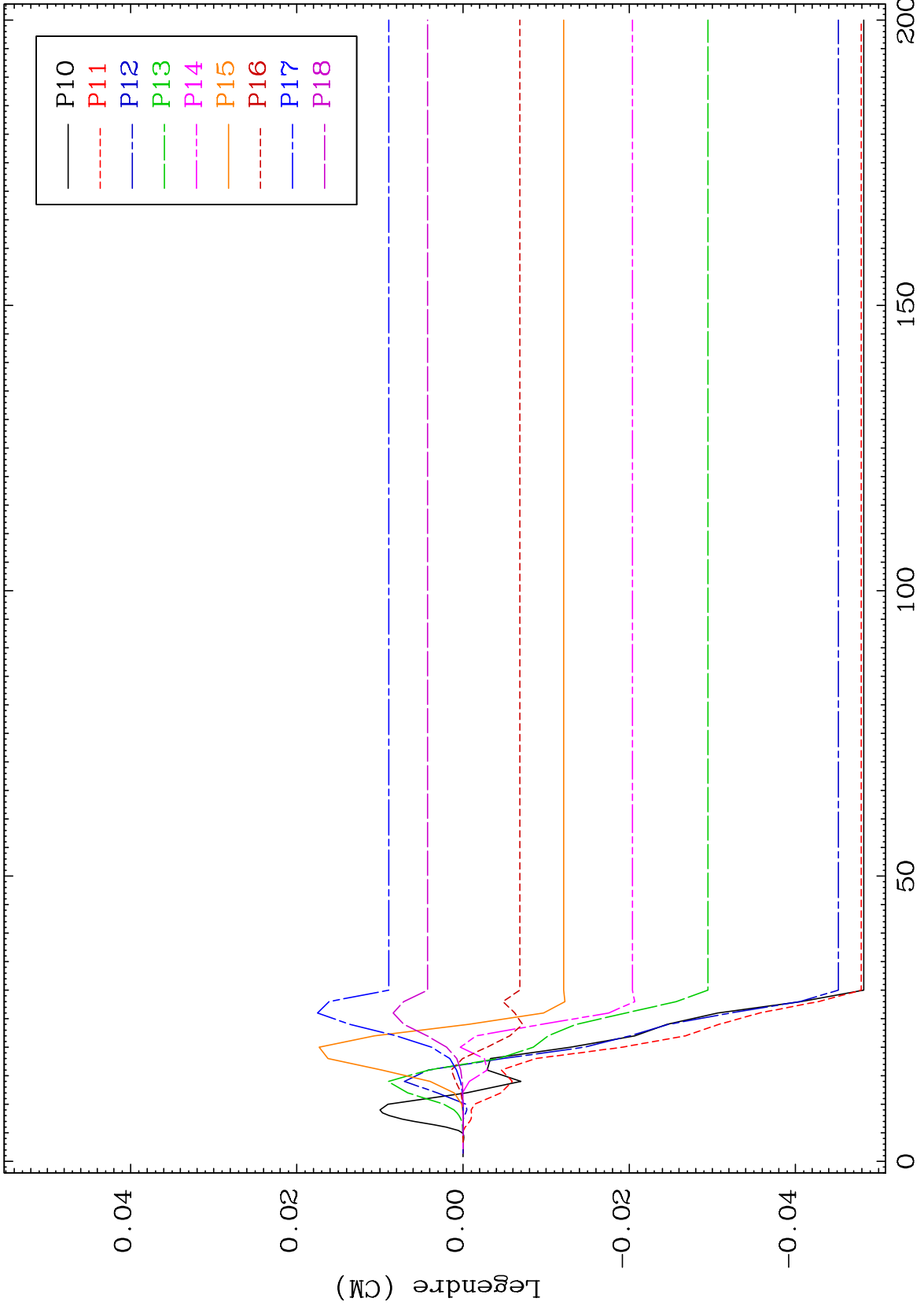
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MAT 5752

MT= 55 (n,n') Level
Legendre Coefficients

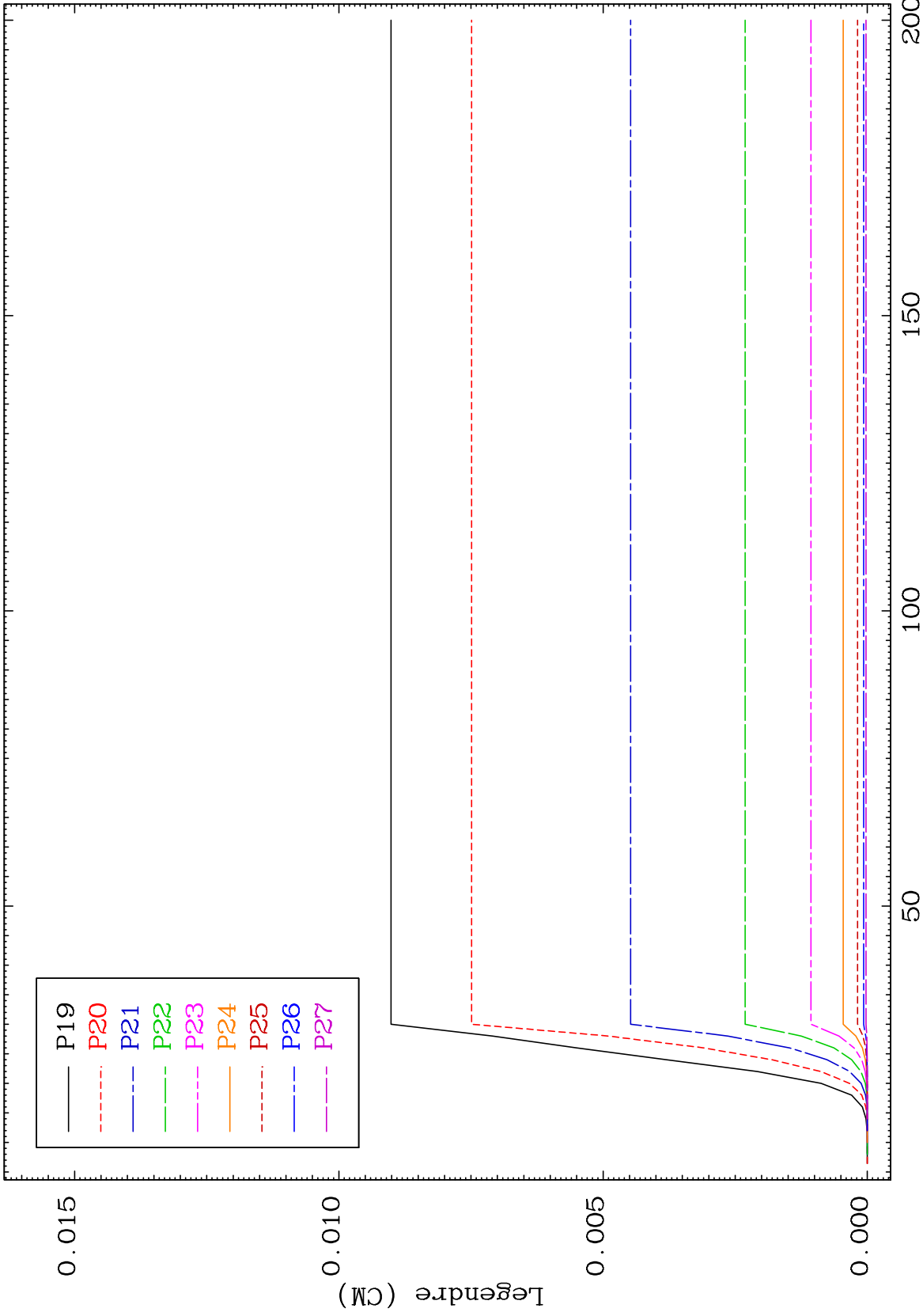
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Incident Energy (MeV)

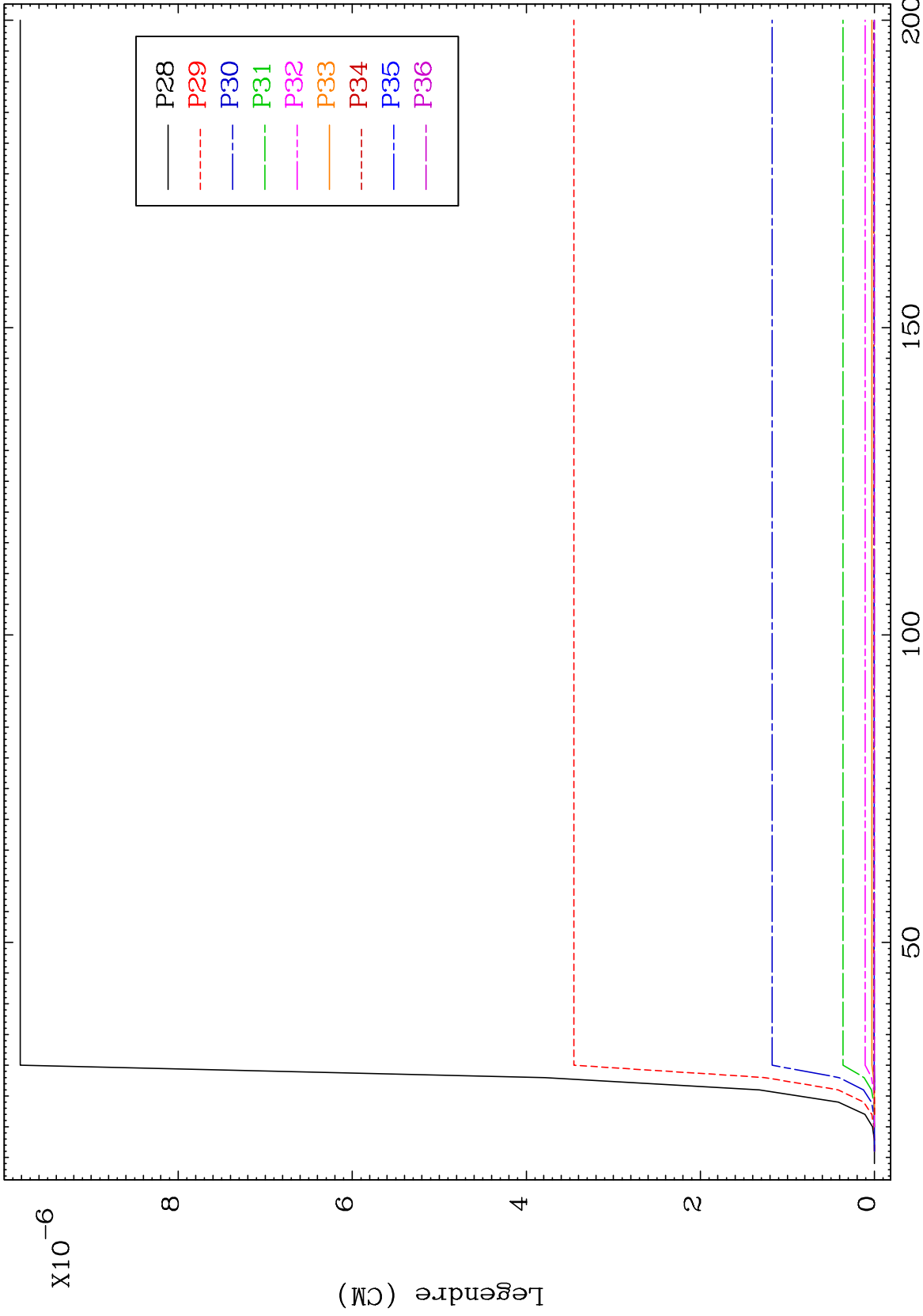
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MAT 5752

MT= 55 (n,n') Level
Legendre Coefficients

57-La-147



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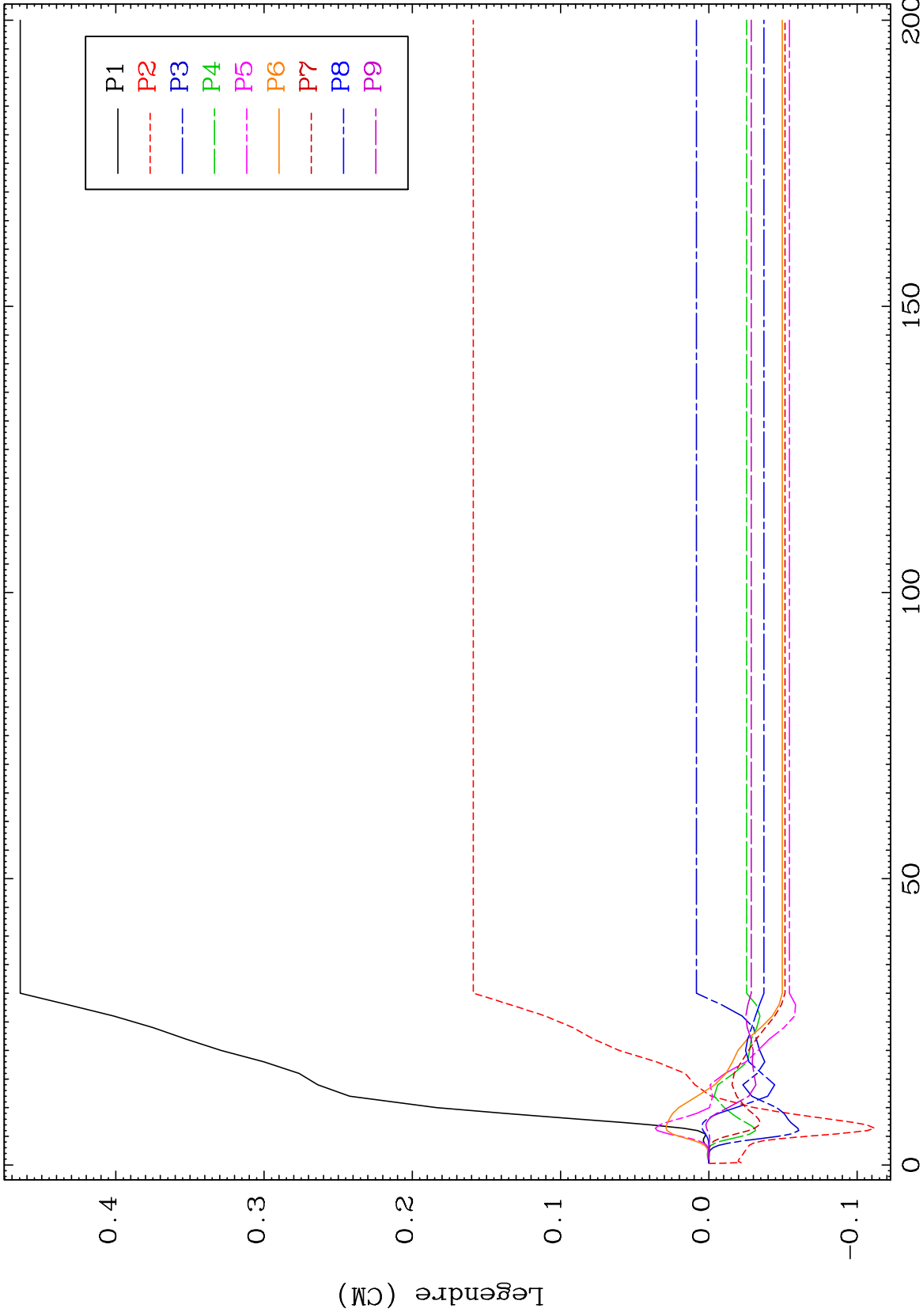
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 56 (n,n') Level
Legendre Coefficients

57-La-147



38

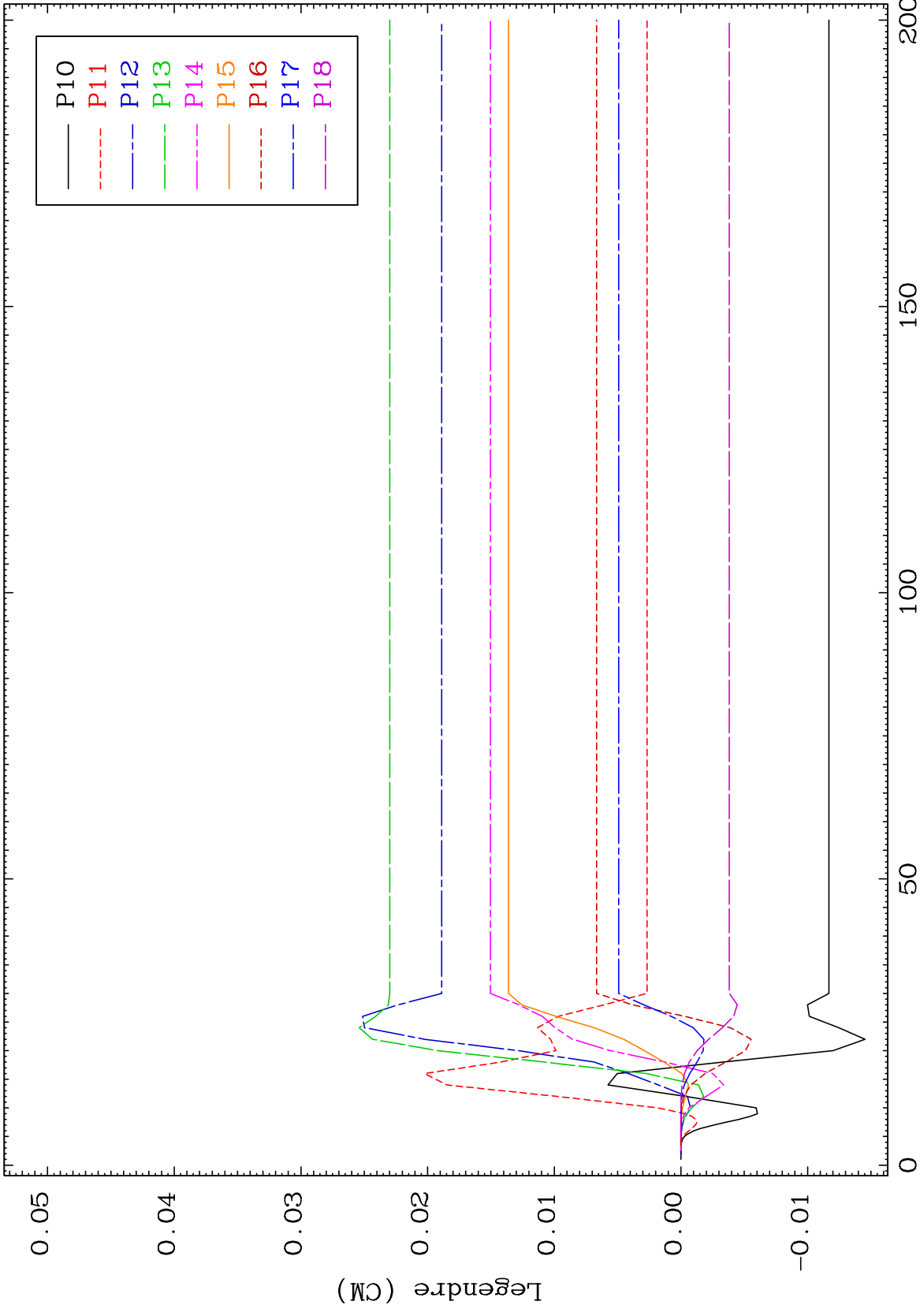
Incident Energy (MeV)

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MAT 5752

MT= 56 (n,n') Level
Legendre Coefficients

57-La-147



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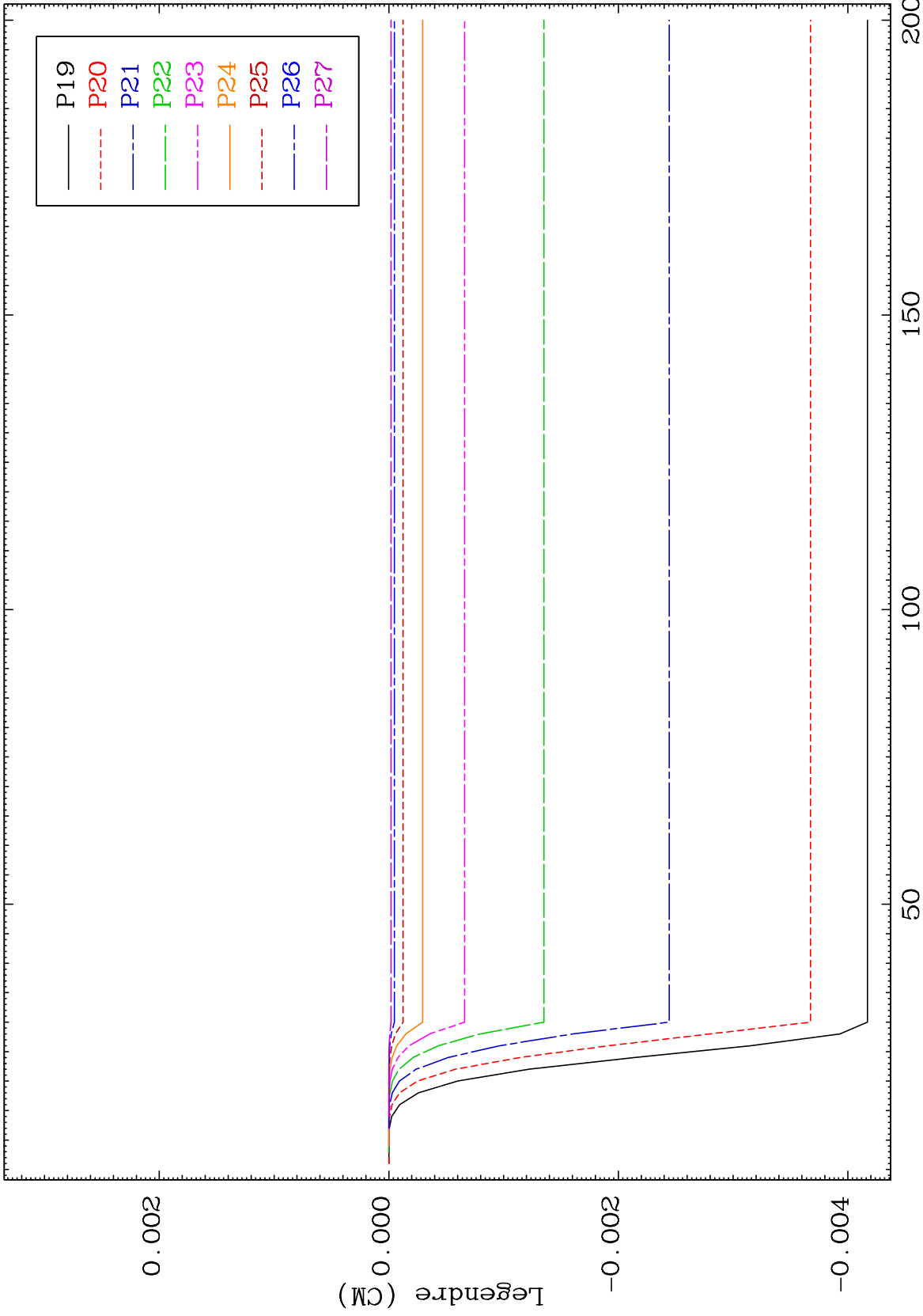
Incident Energy (MeV)

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MAT 5752

MT= 56 (n,n') Level
Legendre Coefficients

57-La-147



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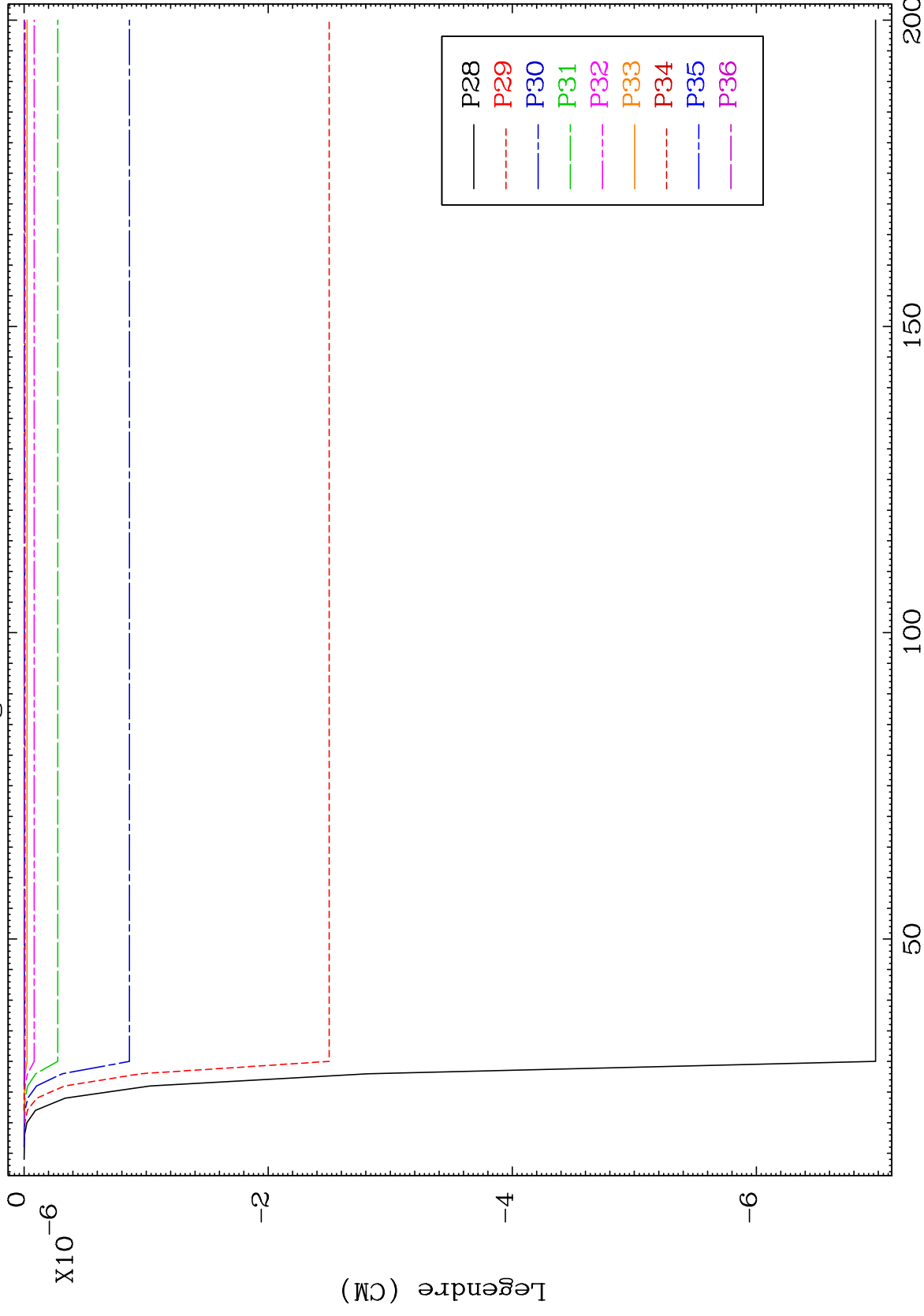
Incident Energy (MeV)

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MAT 5752

MT= 56 (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

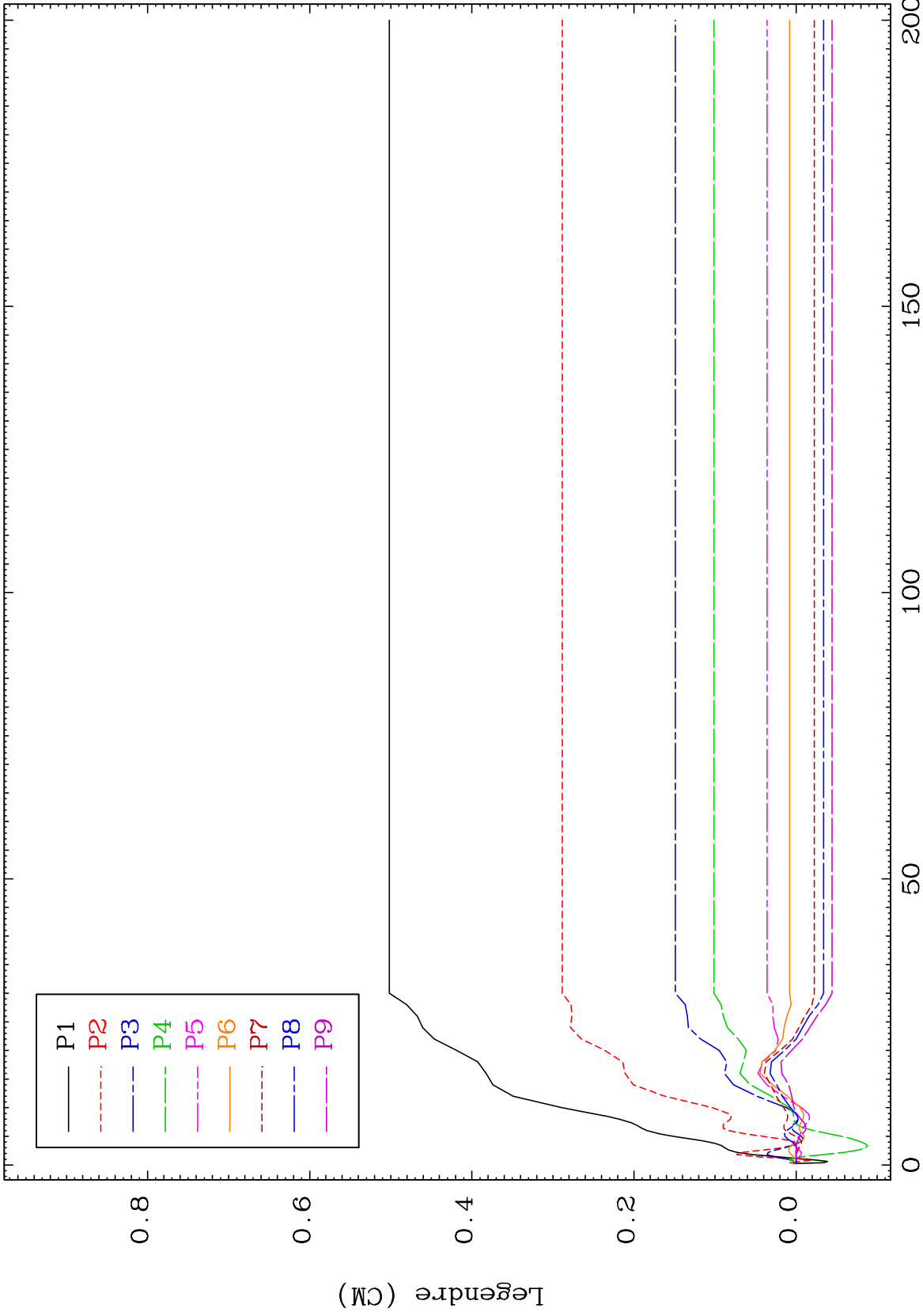
Incident Energy (MeV)

41

MAT 5752

MT= 57 (n,n') Level
Legendre Coefficients

57-La-147



42

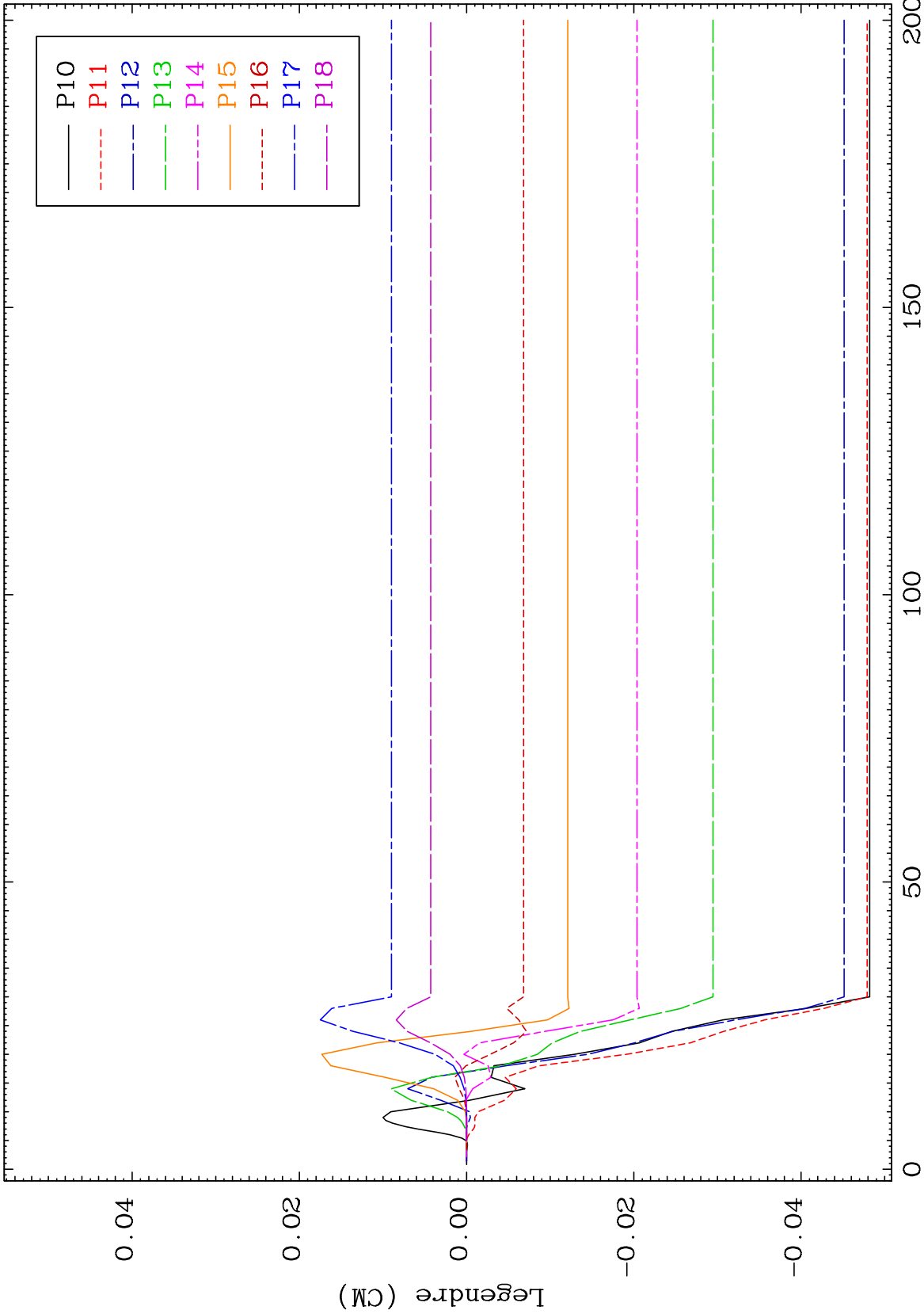
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MAT 5752

MT= 57 (n,n') Level
Legendre Coefficients

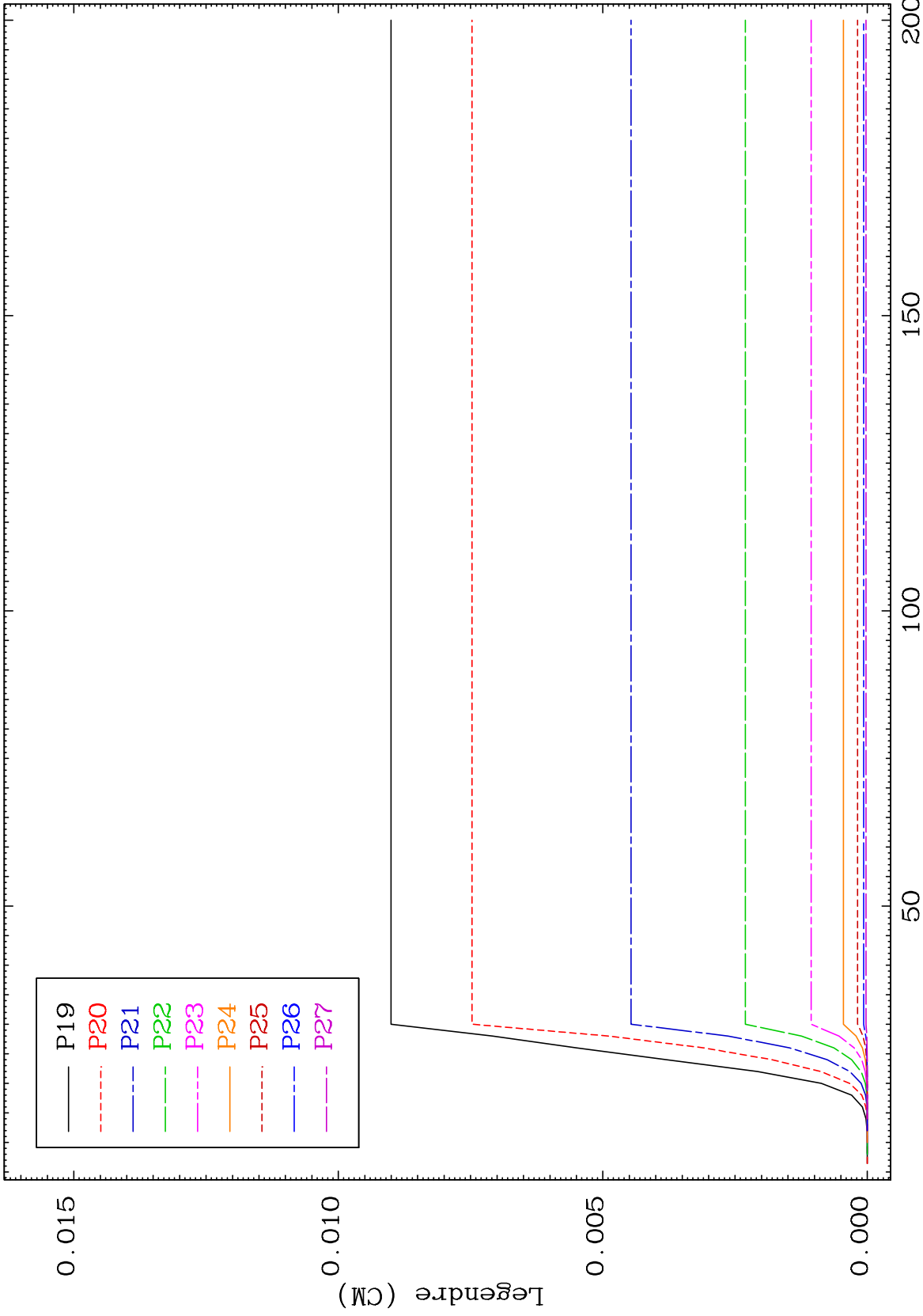
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43

Incident Energy (MeV)

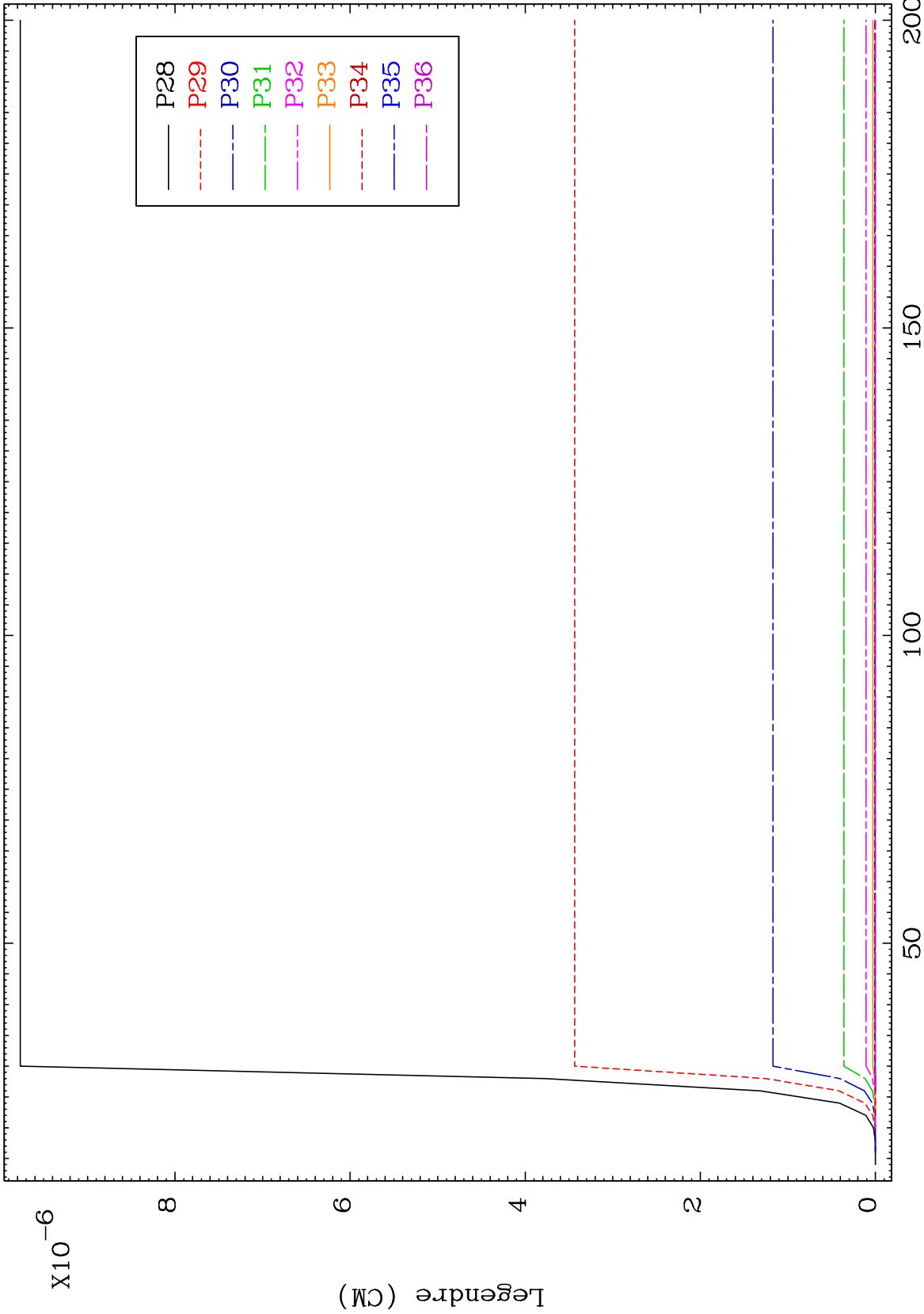
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MAT 5752

MT= 57 (n,n') Level
Legendre Coefficients

57-La-147



45

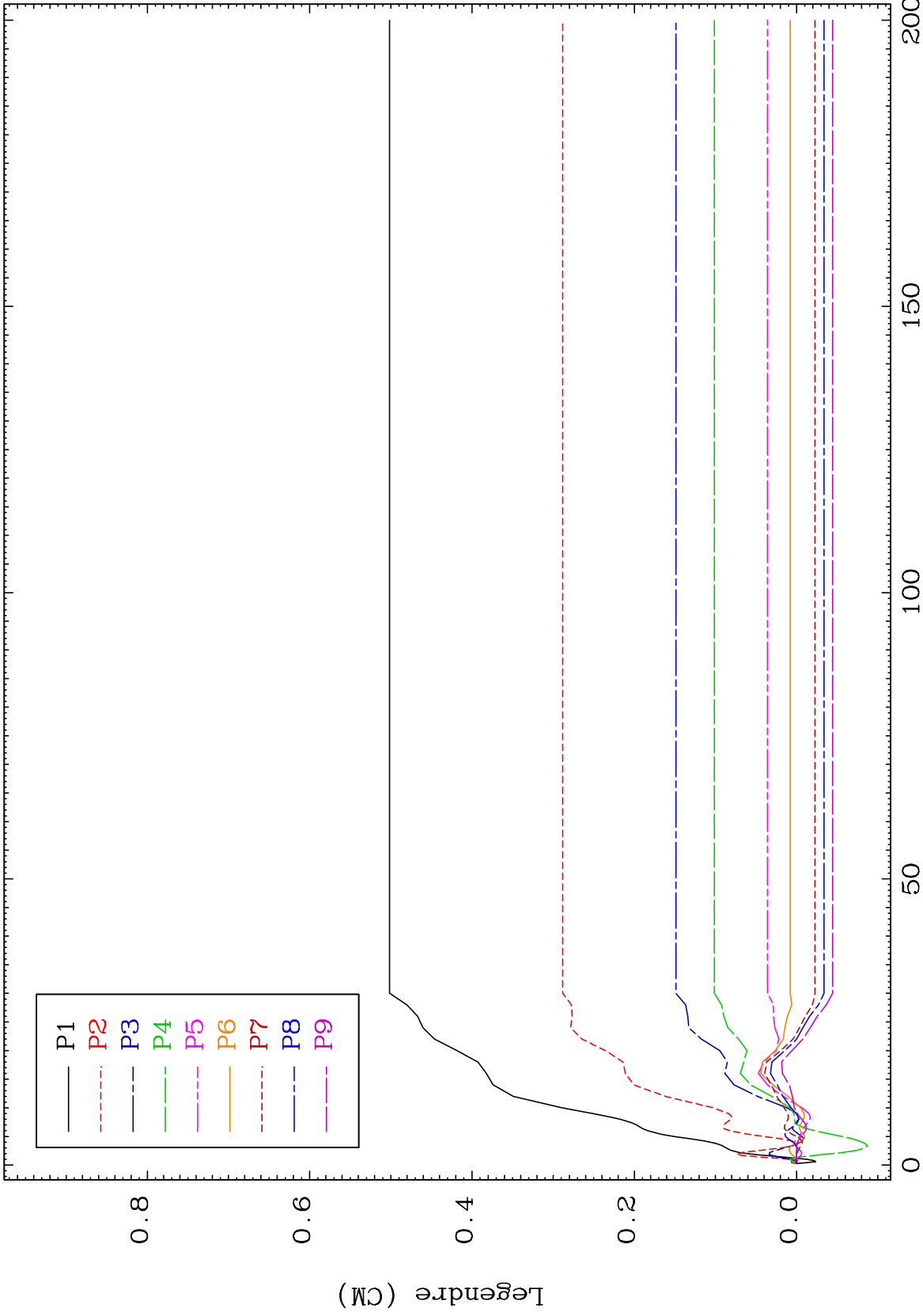
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 58 (n,n') Level
Legendre Coefficients

57-La-147



46

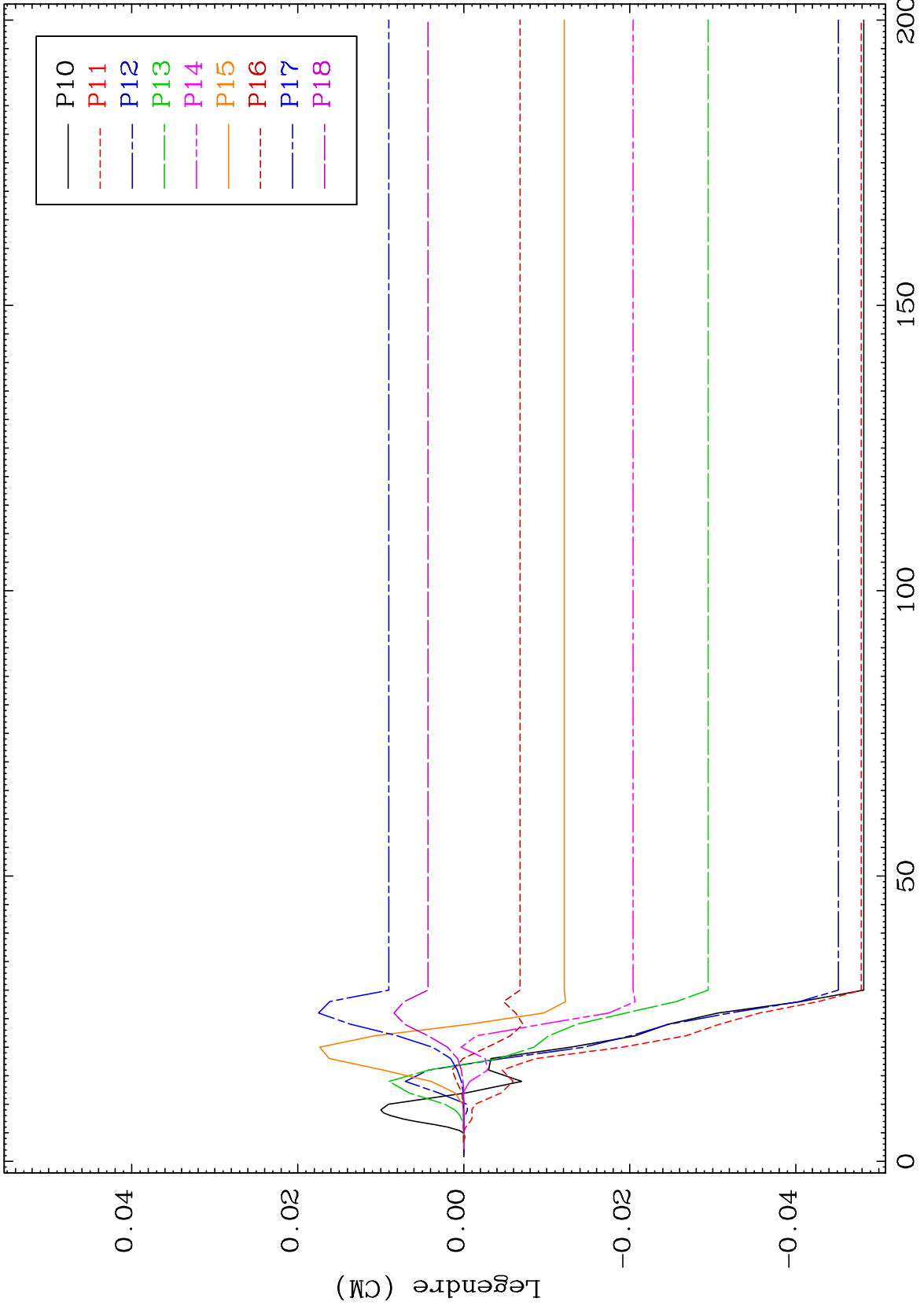
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MAT 5752

MT= 58 (n,n') Level
Legendre Coefficients

57-La-147



47

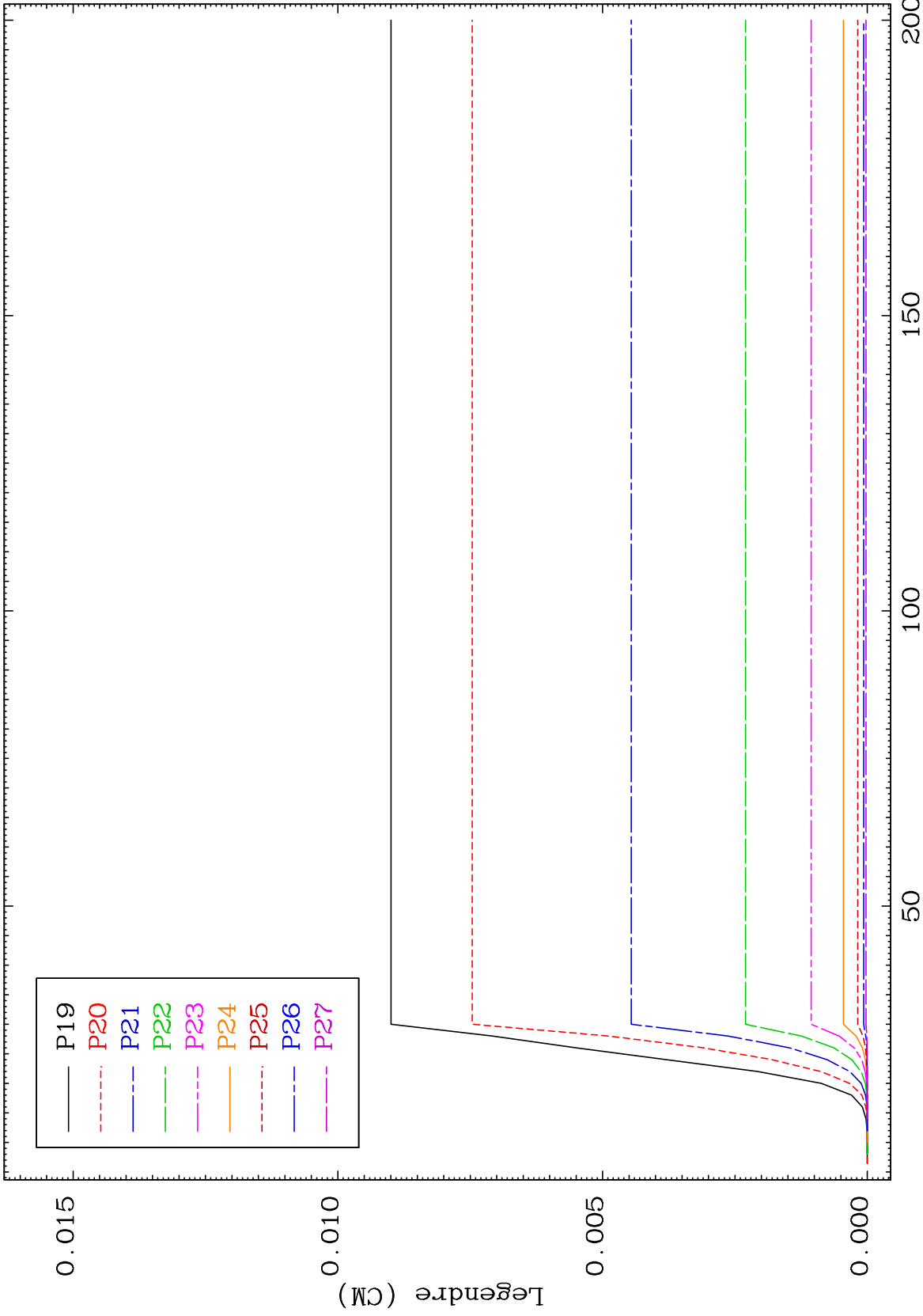
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MAT 5752

MT= 58 (n,n') Level
Legendre Coefficients

57-La-147



48

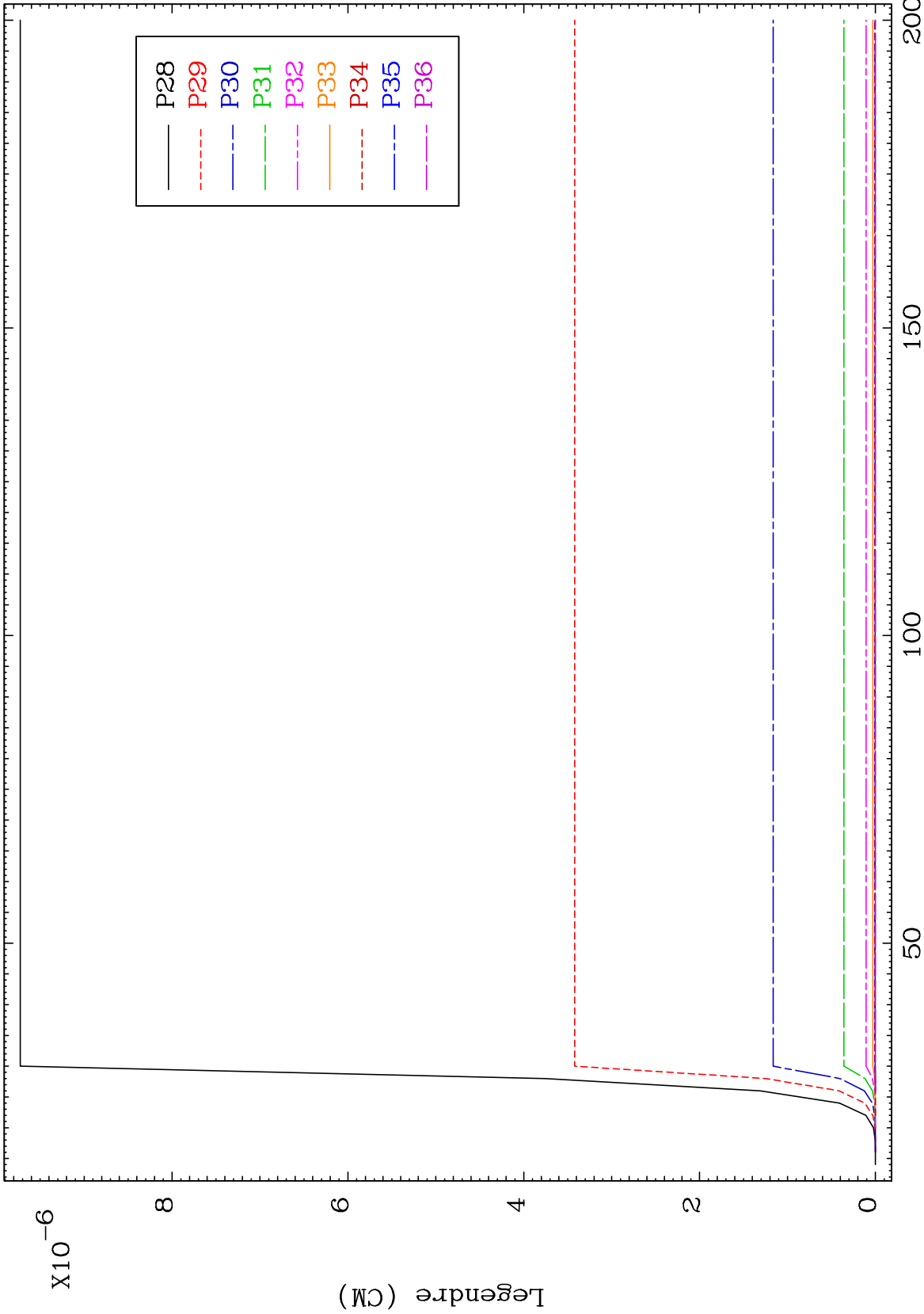
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 58 (n,n') Level
Legendre Coefficients

57-La-147



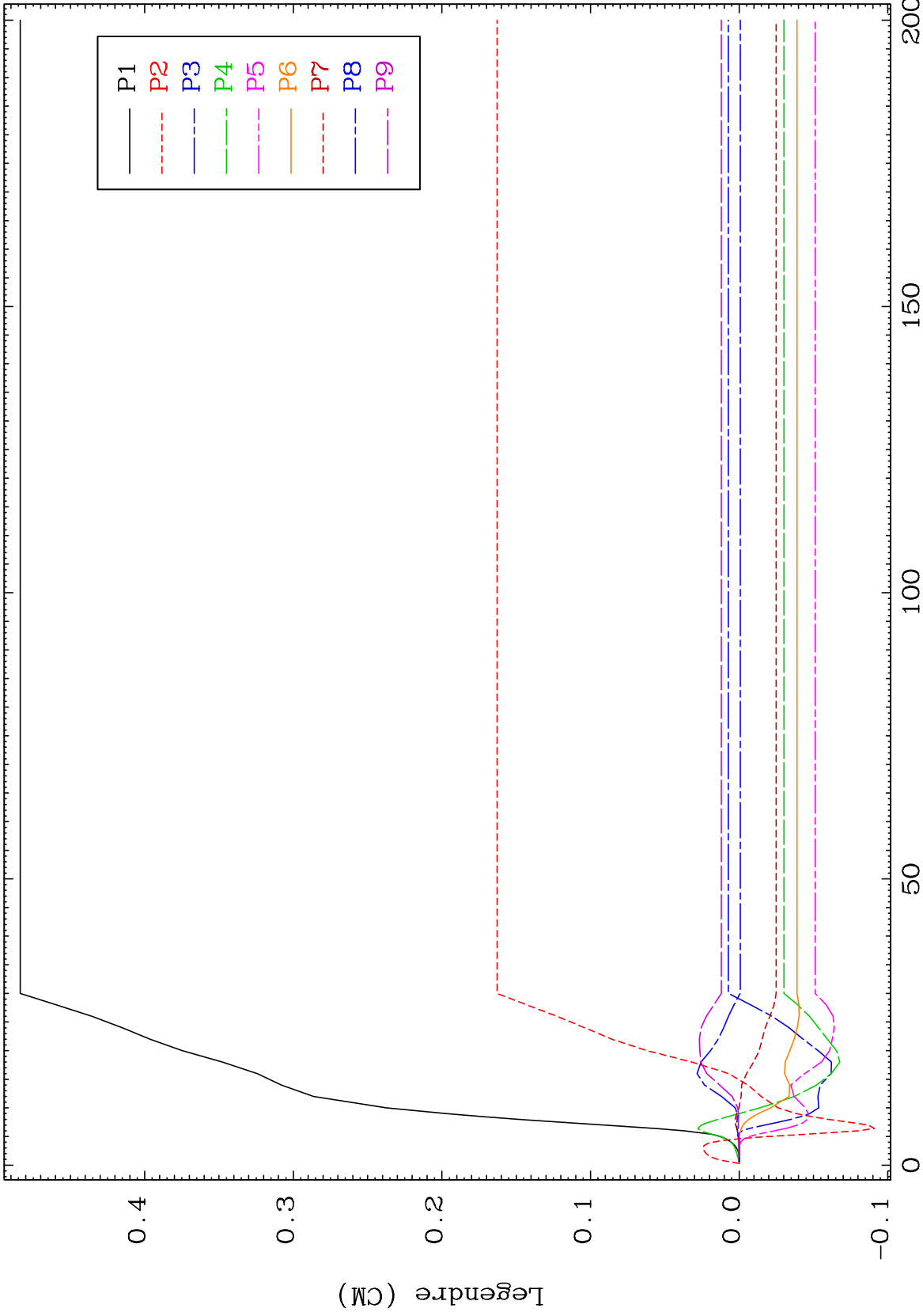
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57-La-147

MAT 5752

MT= 59 (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

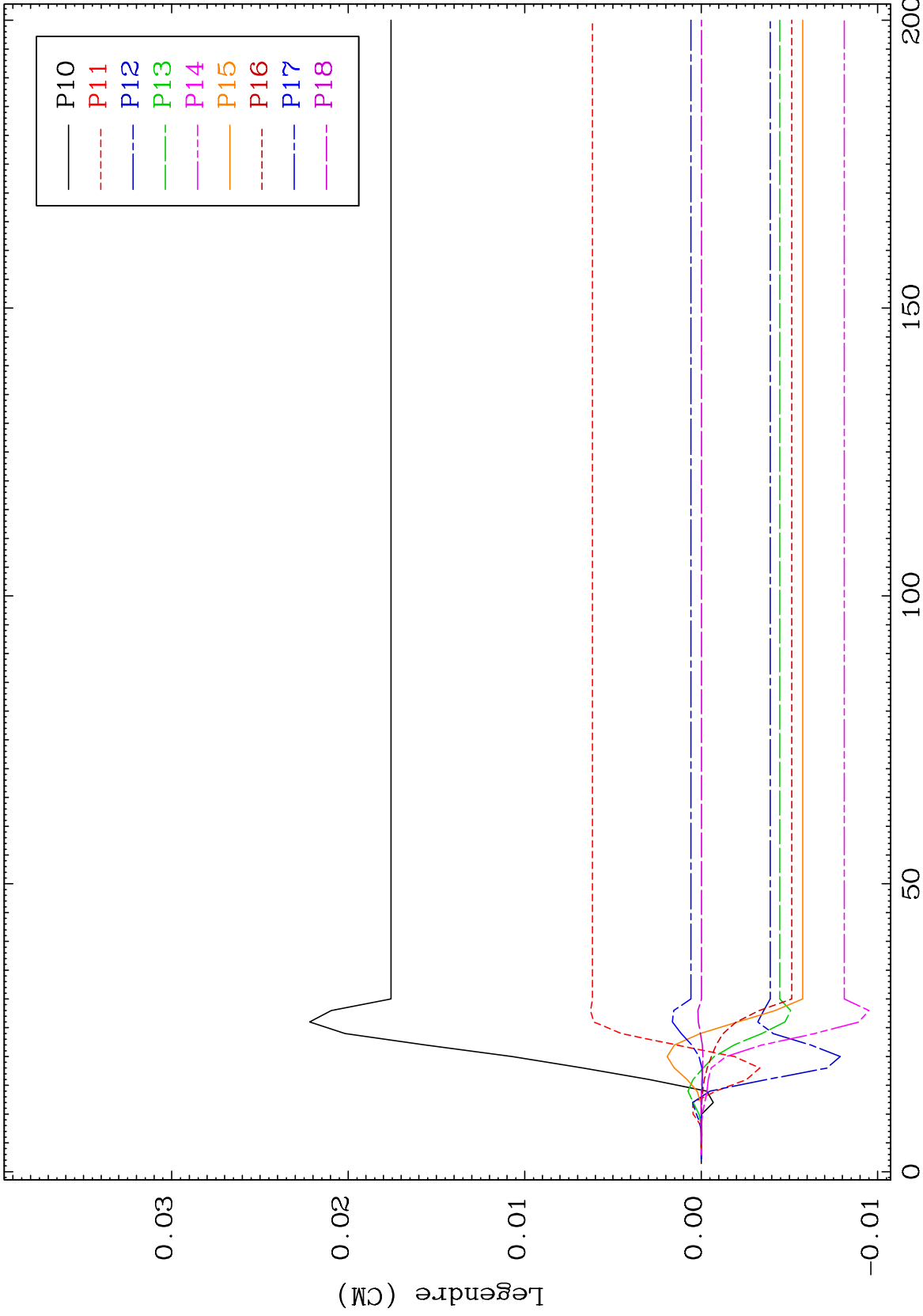
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50

MAT 5752

MT= 59 (n,n') Level
Legendre Coefficients

57-La-147



51

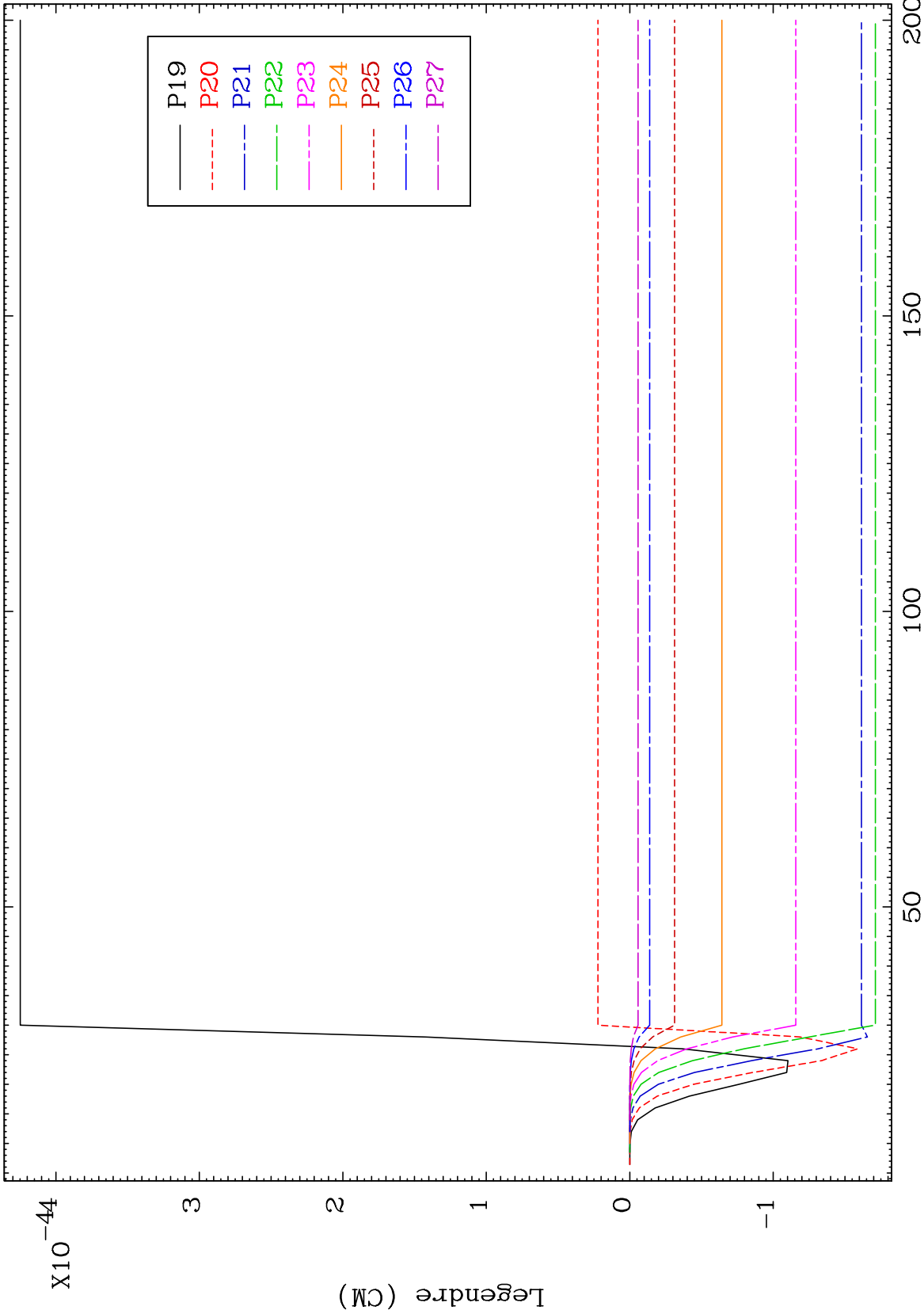
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 59 (n,n') Level
Legendre Coefficients

57-La-147



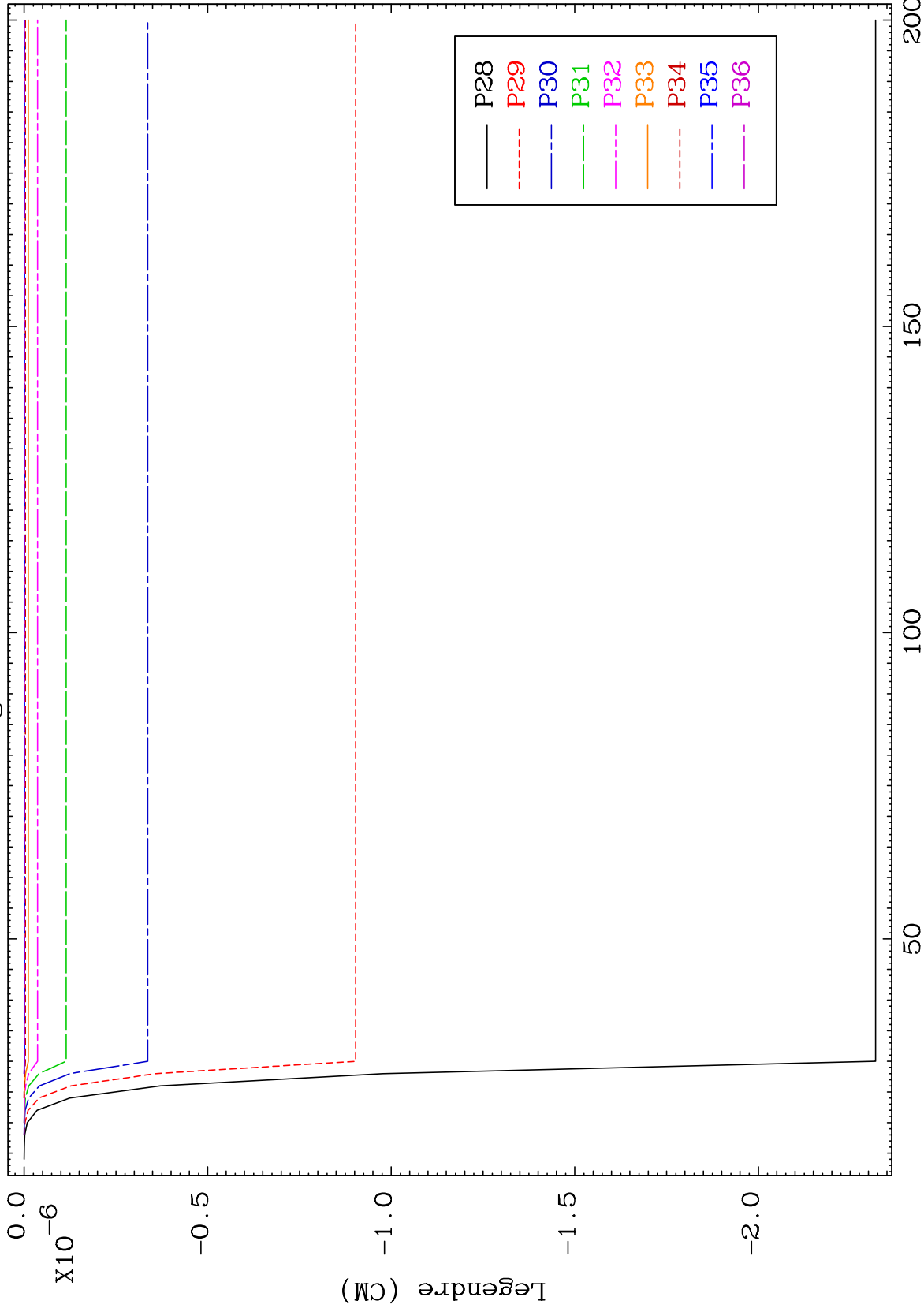
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57-La-147

MAT 5752

MT= 59 (n,n') Level
Legendre Coefficients

57-La-147



53

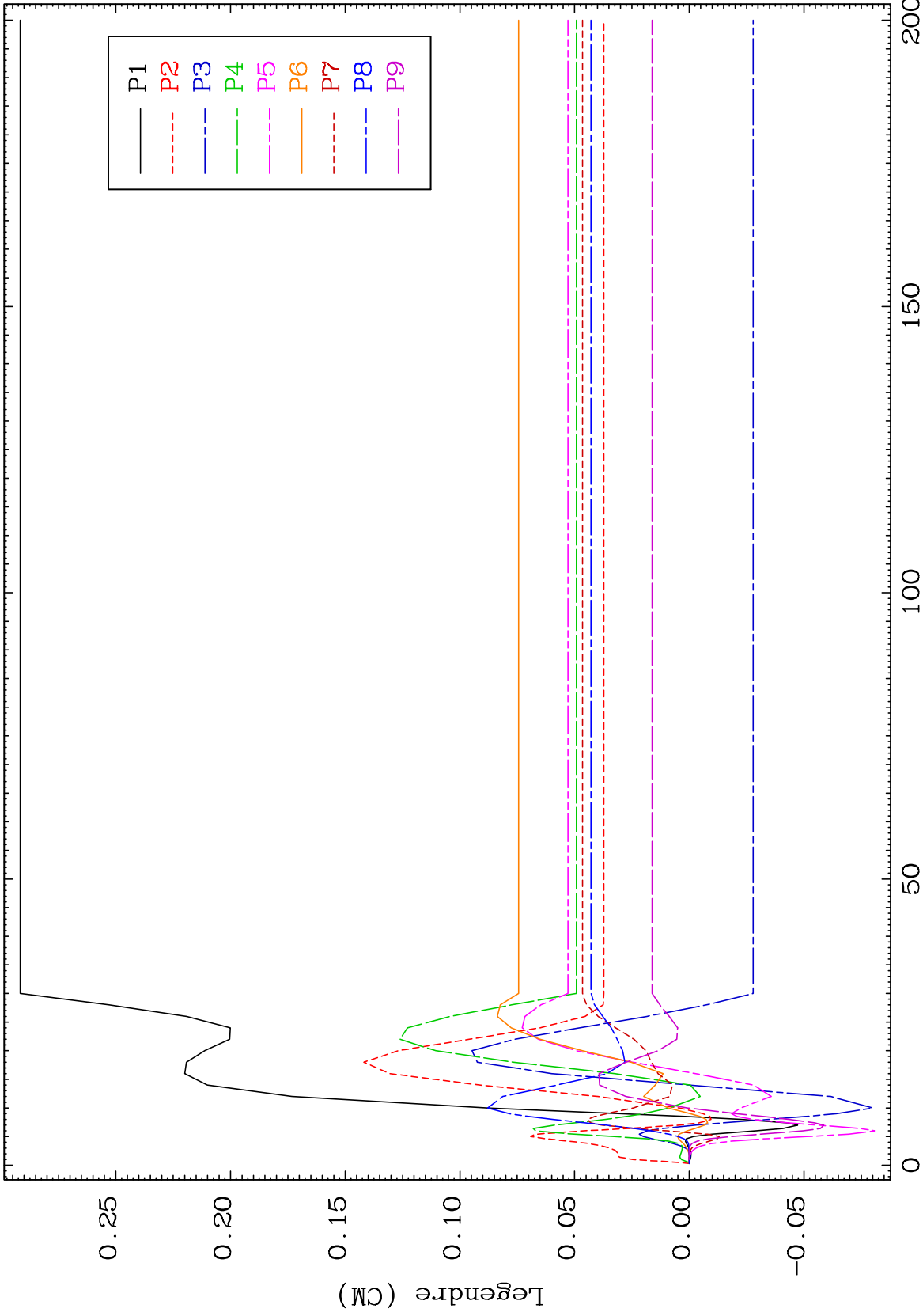
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 60 (n,n') Level
Legendre Coefficients

57-La-147



54

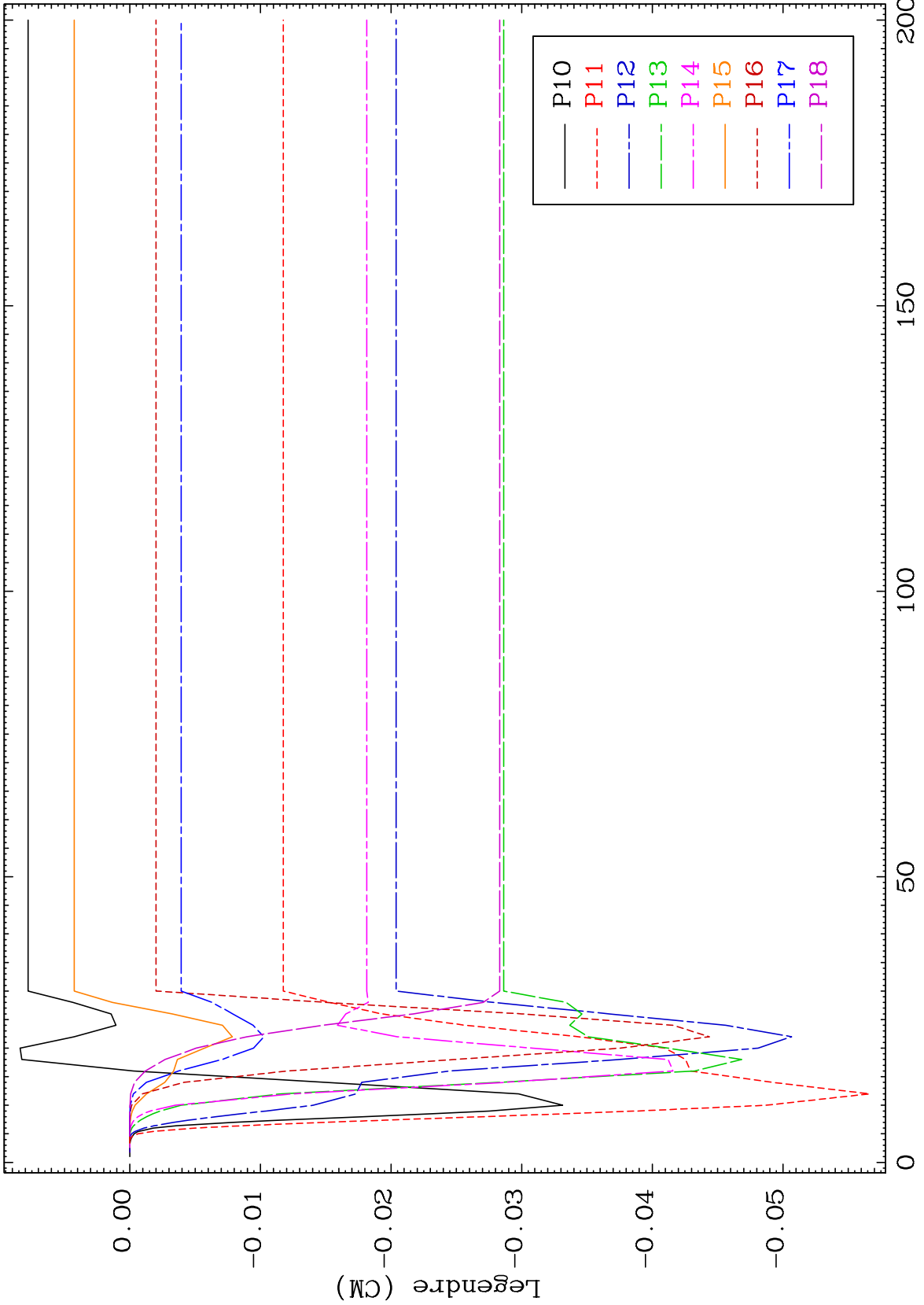
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MAT 5752

MT= 60 (n,n') Level
Legendre Coefficients

57-La-147



55

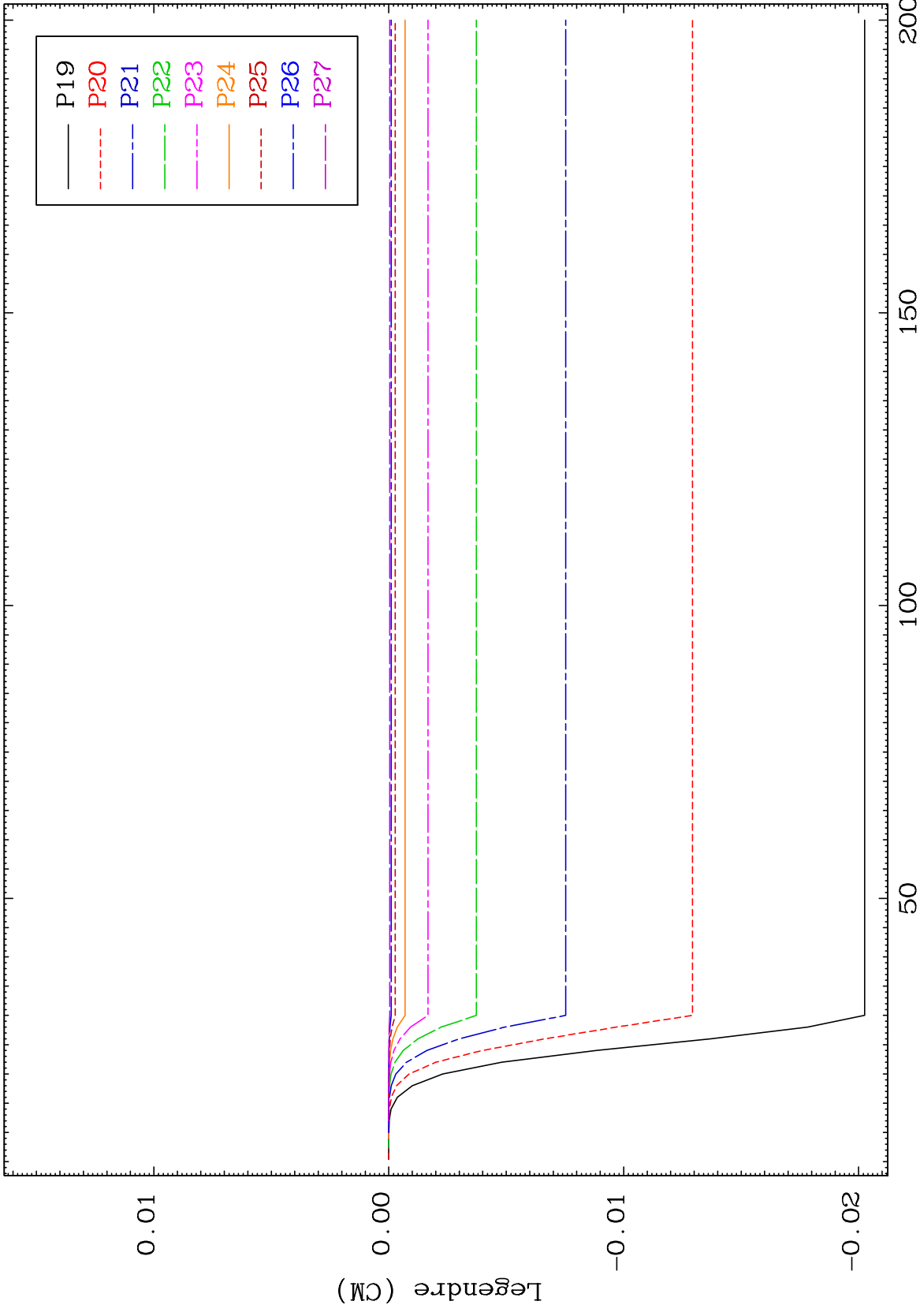
Incident Energy (MeV)

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MAT 5752

MT= 60 (n,n') Level
Legendre Coefficients

57-La-147



56

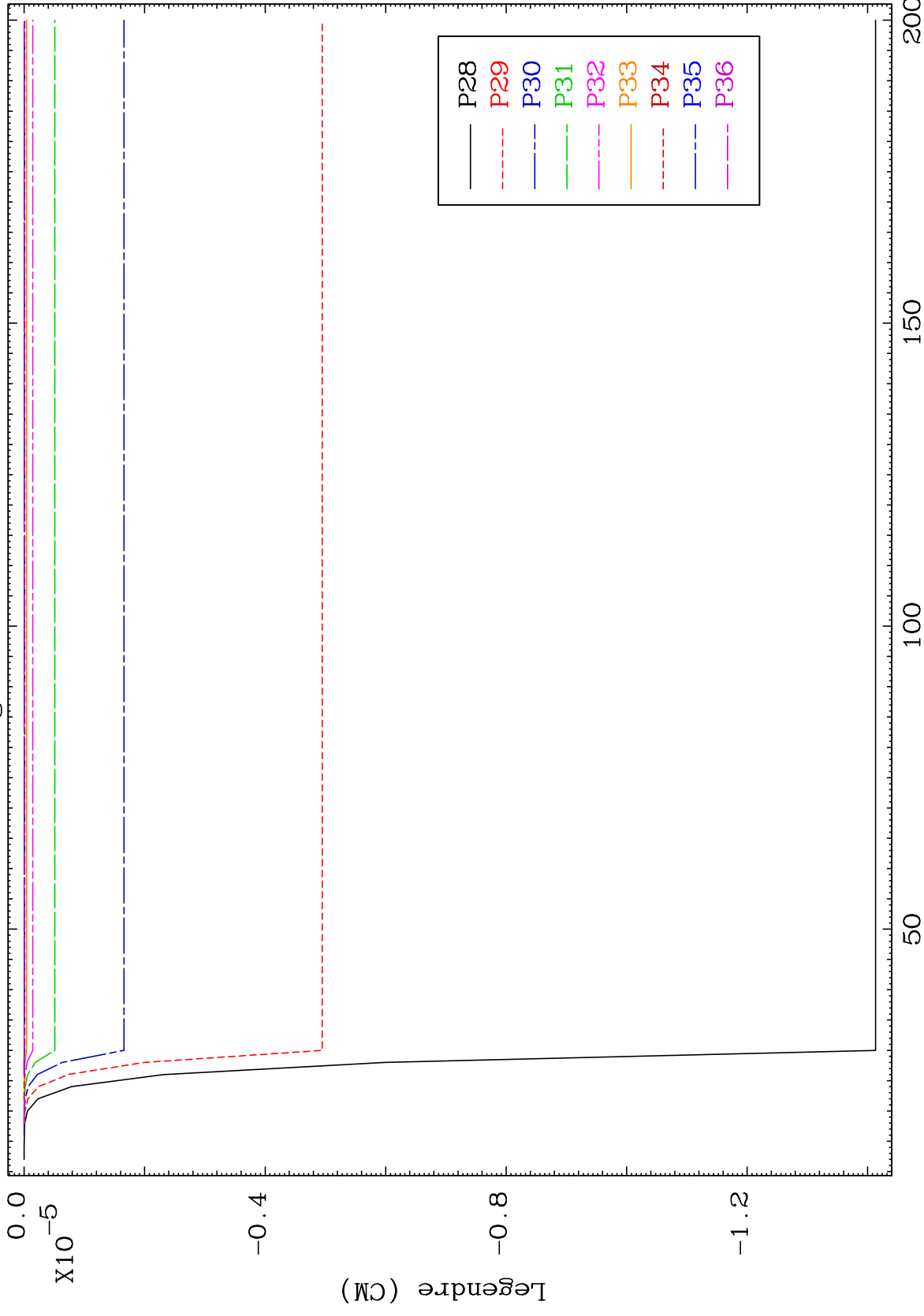
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 60 (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

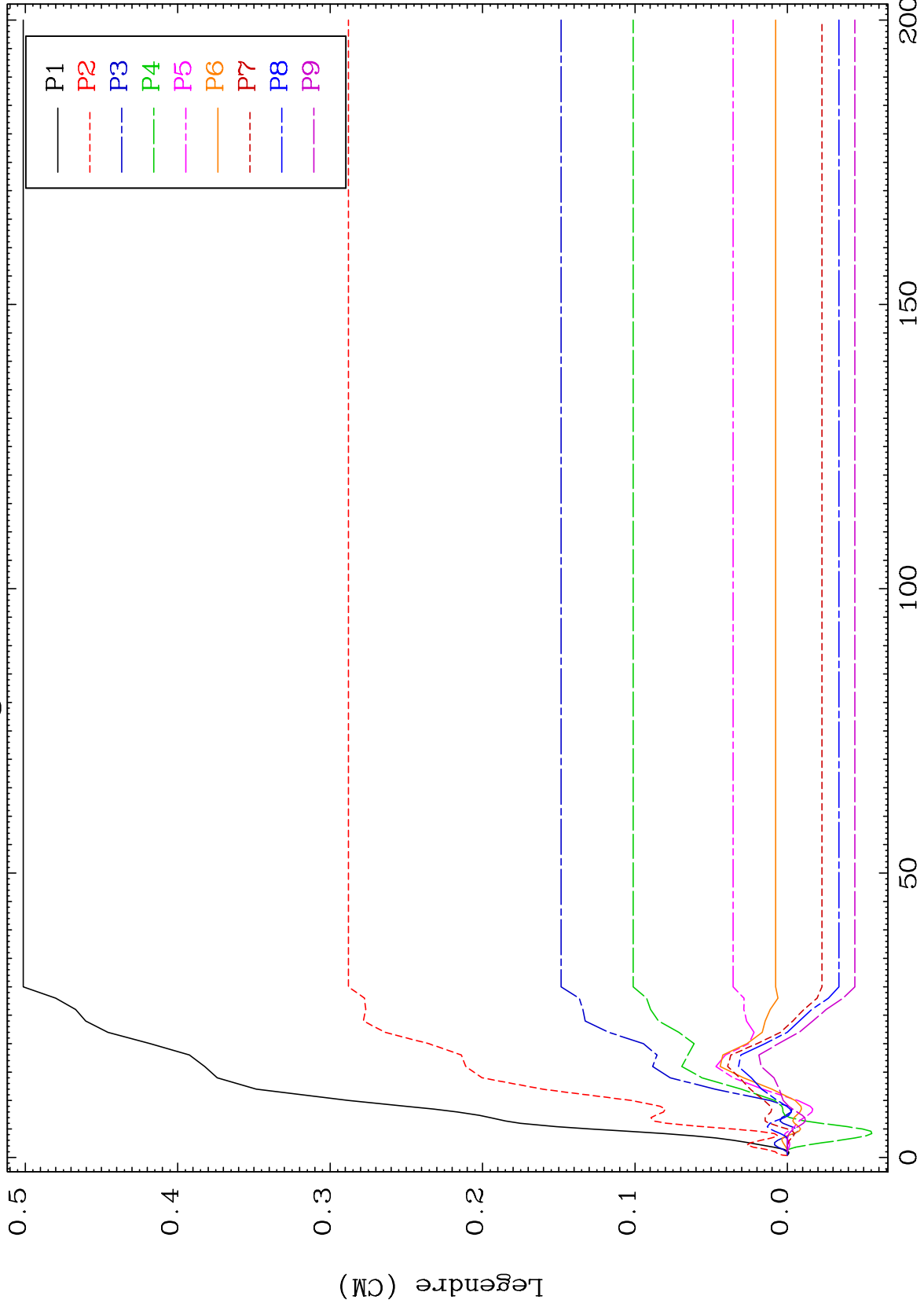
Incident Energy (MeV)

57

MAT 5752

MT= 61 (n,n') Level
Legendre Coefficients

57-La-147



58

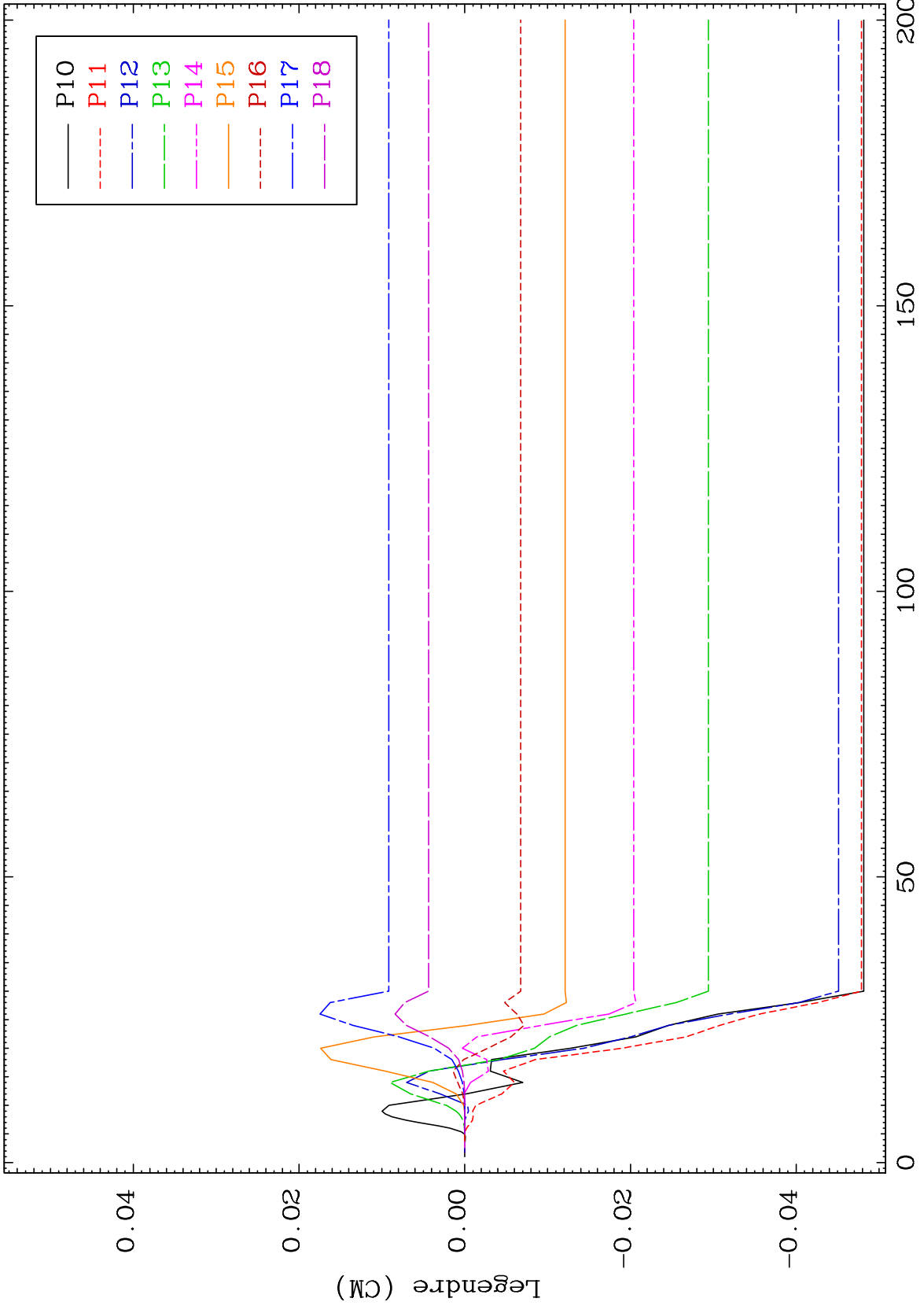
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 61 (n,n') Level
Legendre Coefficients

57-La-147



59

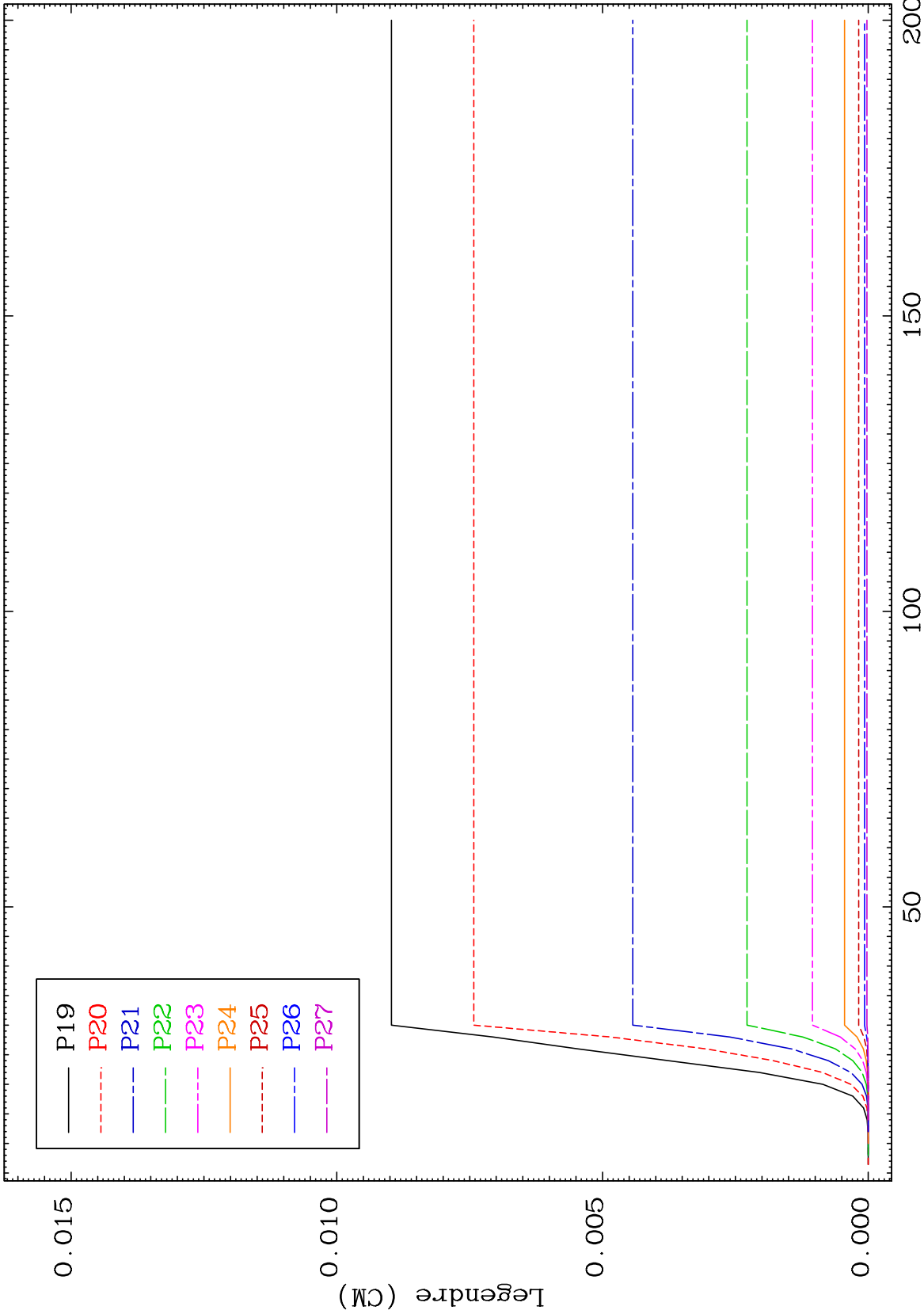
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 61 (n,n') Level
Legendre Coefficients

57-La-147



60

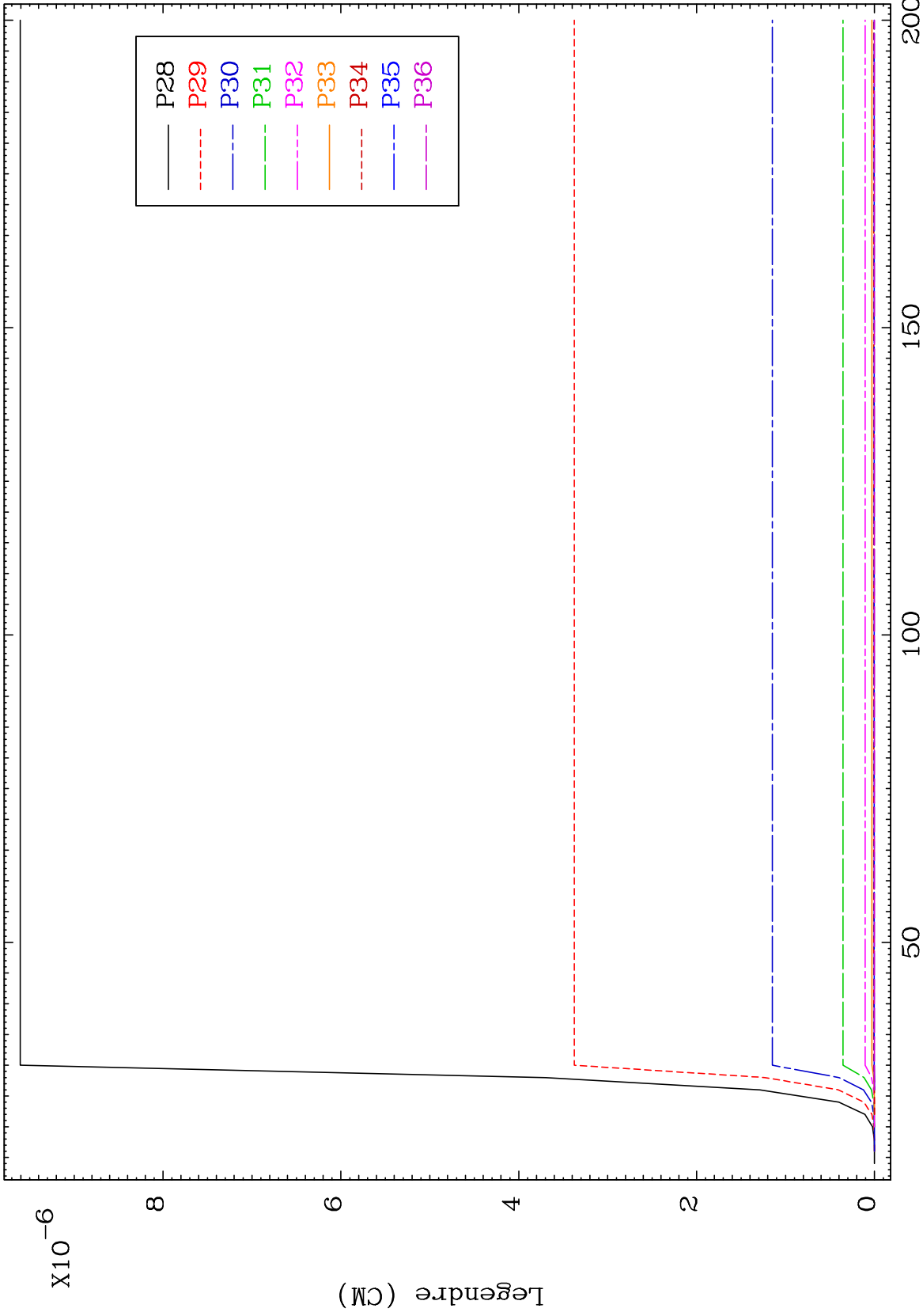
Incident Energy (MeV)

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MAT 5752

MT= 61 (n,n') Level
Legendre Coefficients

57-La-147



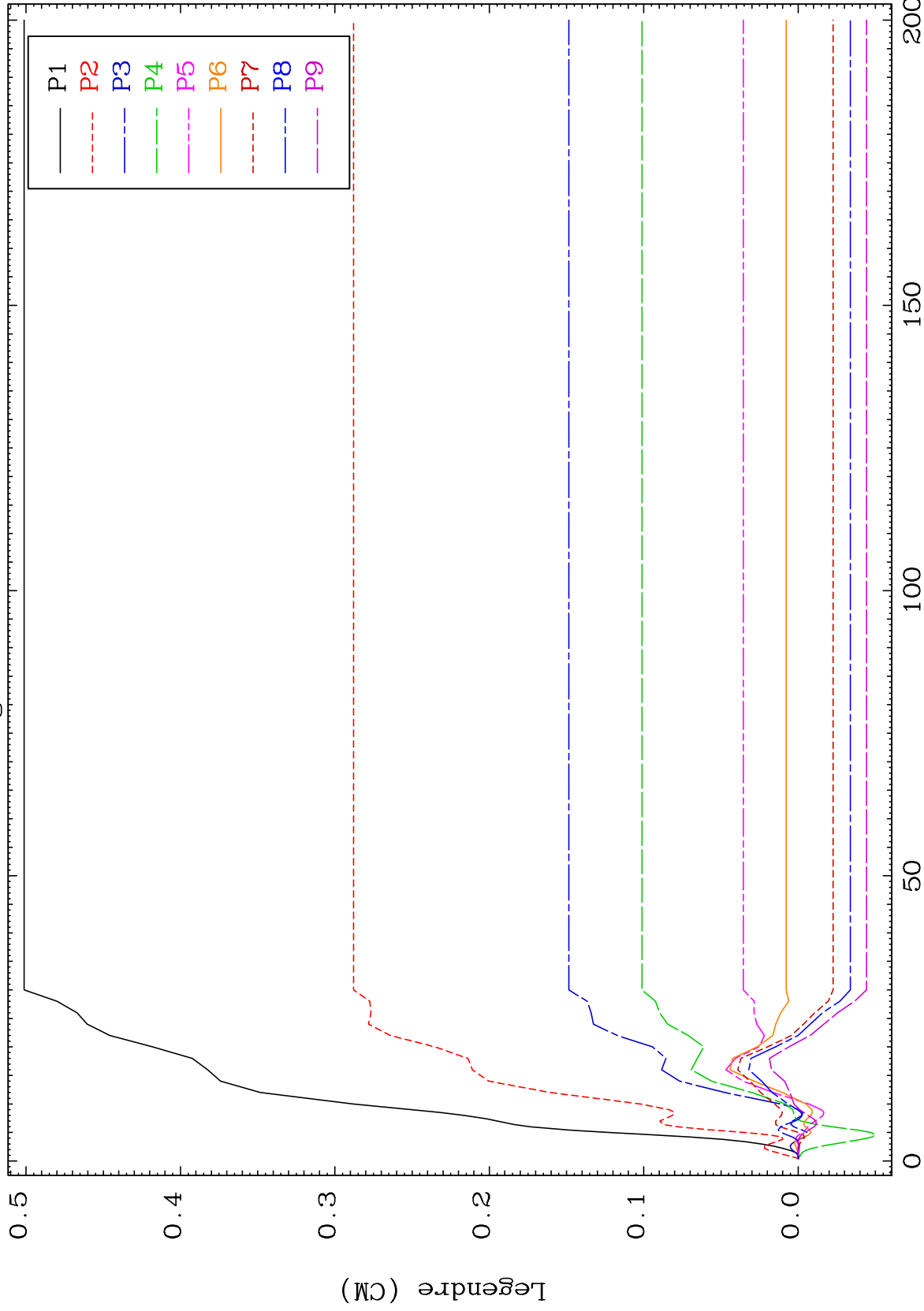
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57-La-147

MAT 5752

MT= 62 (n,n') Level
Legendre Coefficients

57-La-147



62

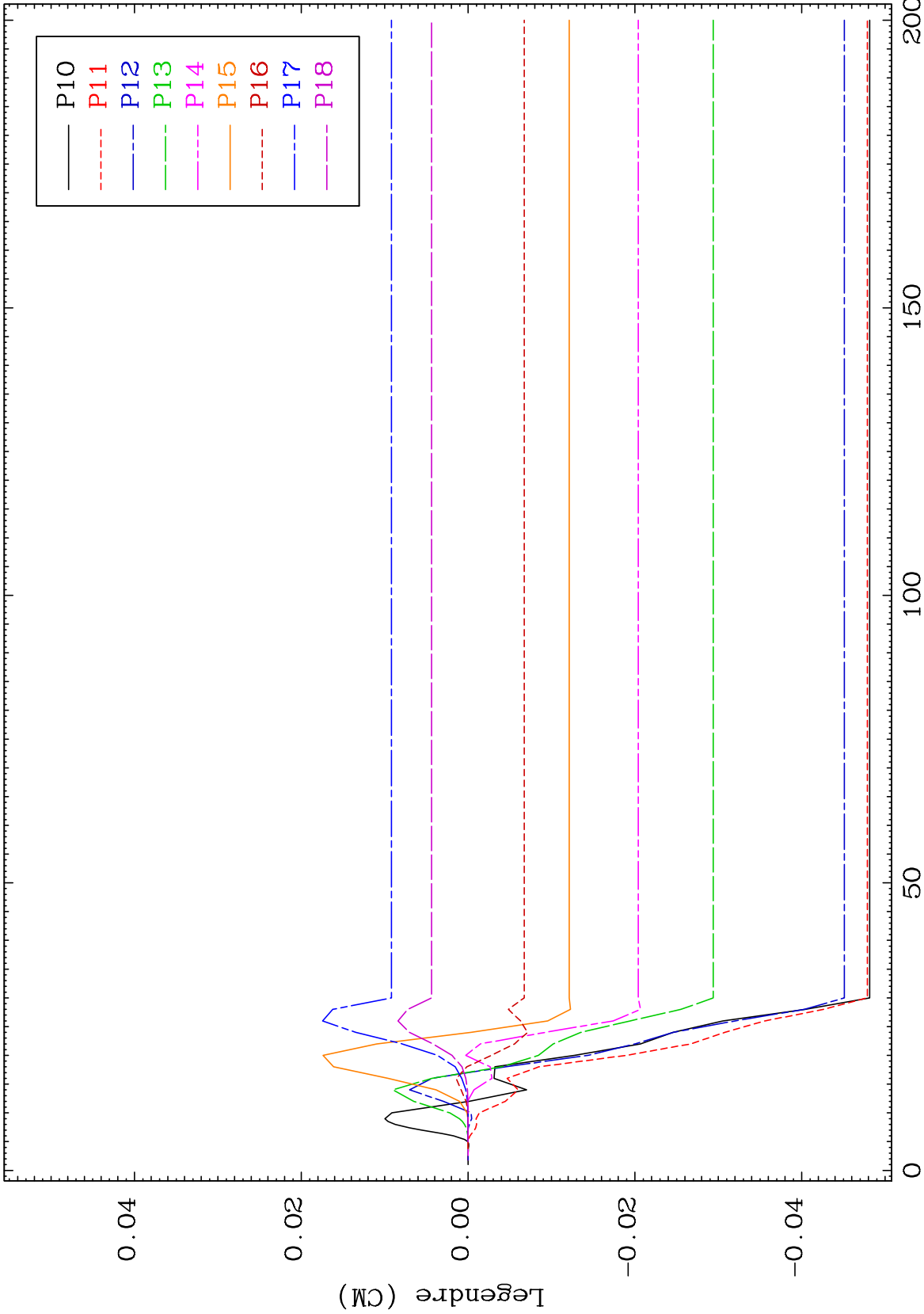
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 62 (n,n') Level
Legendre Coefficients

57-La-147



63

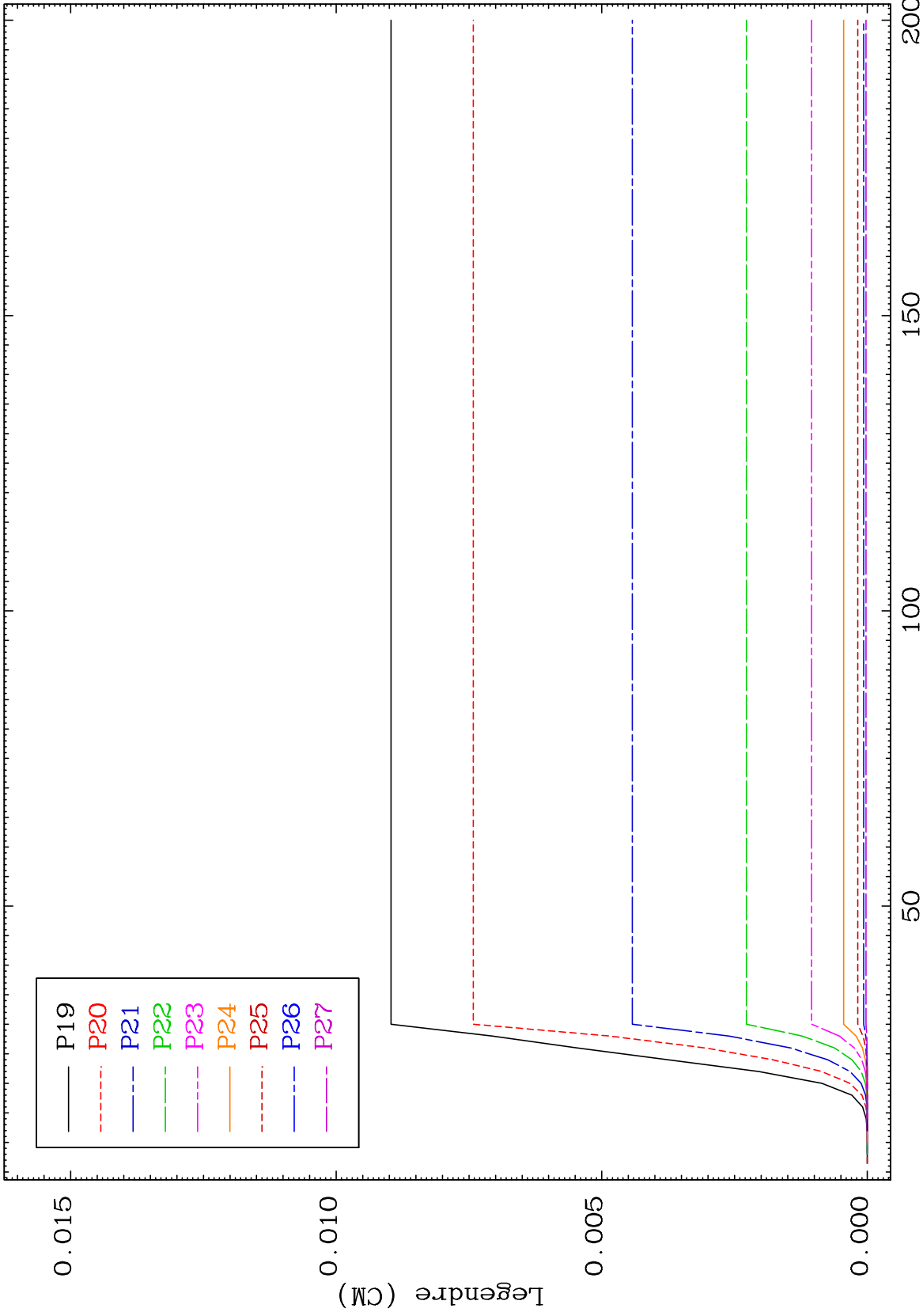
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 62 (n,n') Level
Legendre Coefficients

57-La-147



64

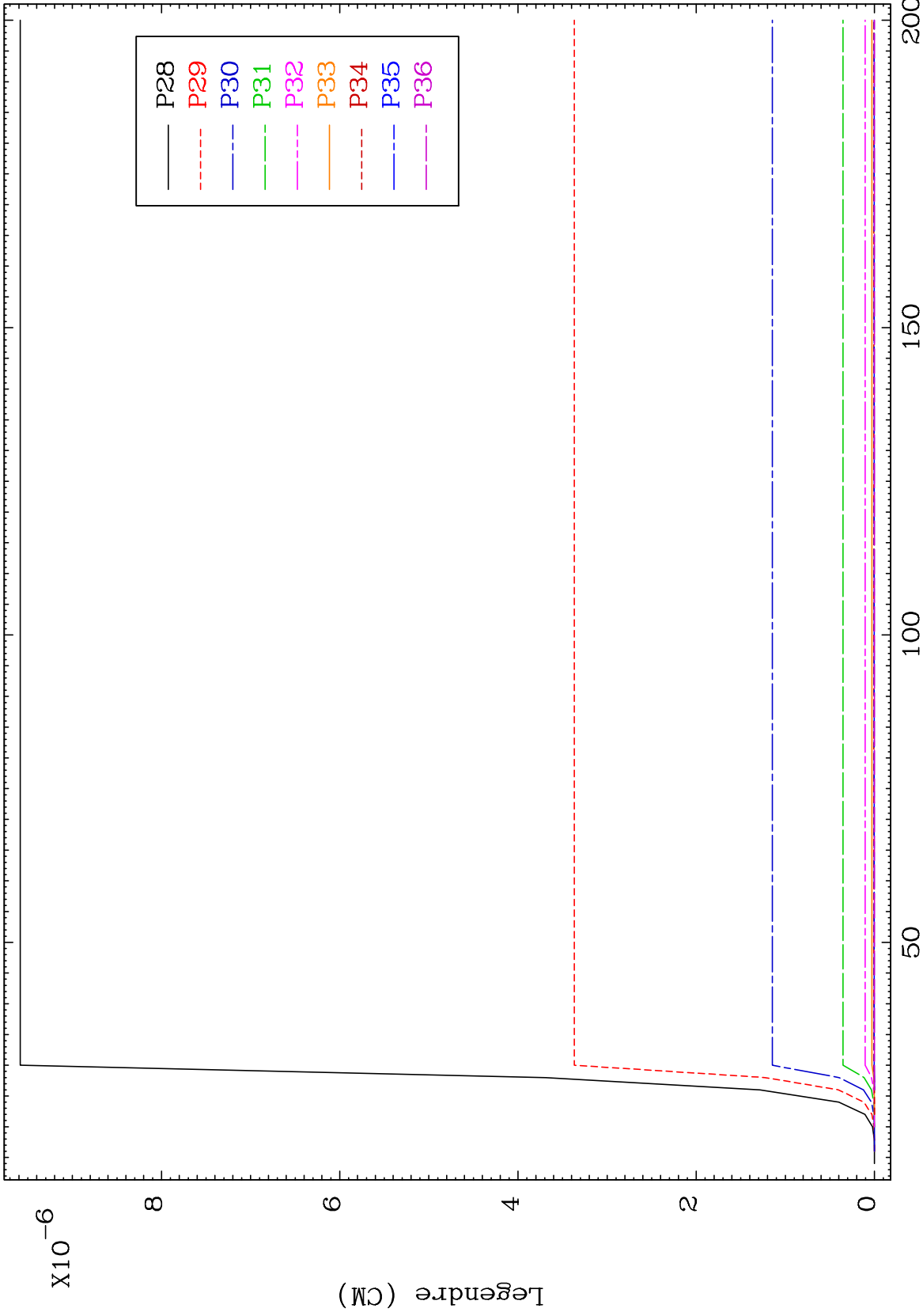
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 62 (n,n') Level
Legendre Coefficients

57-La-147



65

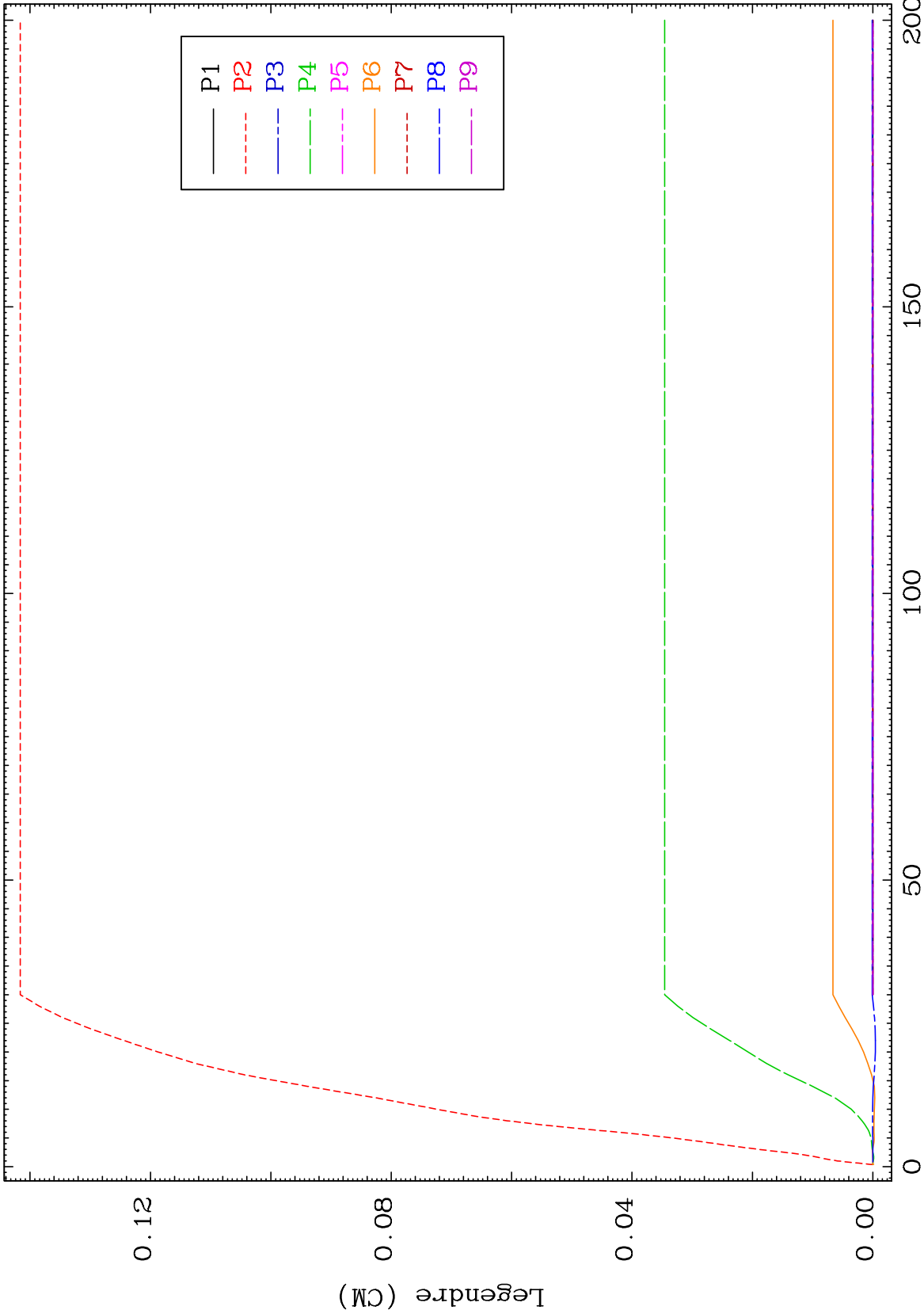
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 63 (n,n') Level
Legendre Coefficients

57-La-147



66

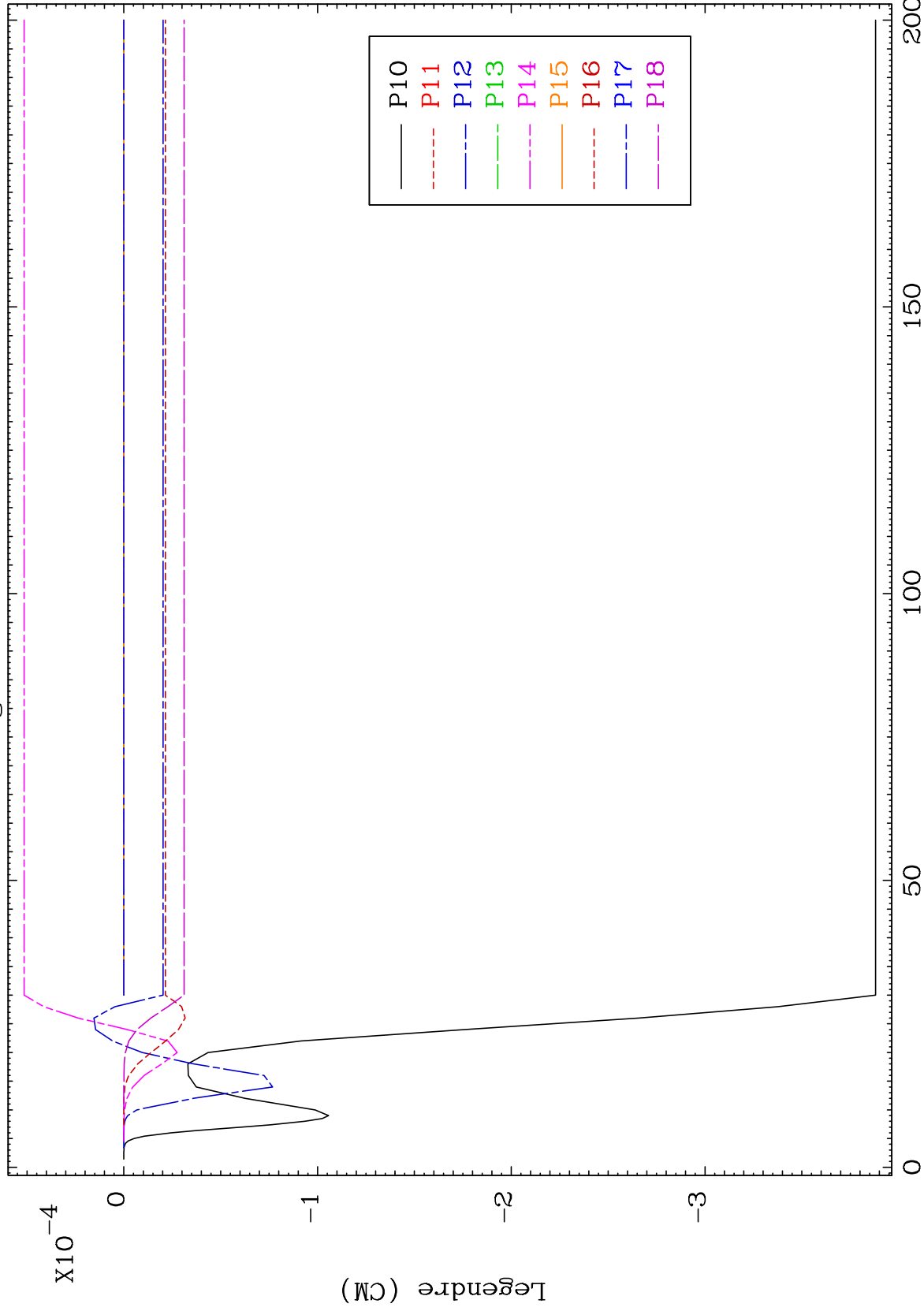
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 63 (n,n') Level
Legendre Coefficients

57-La-147



67

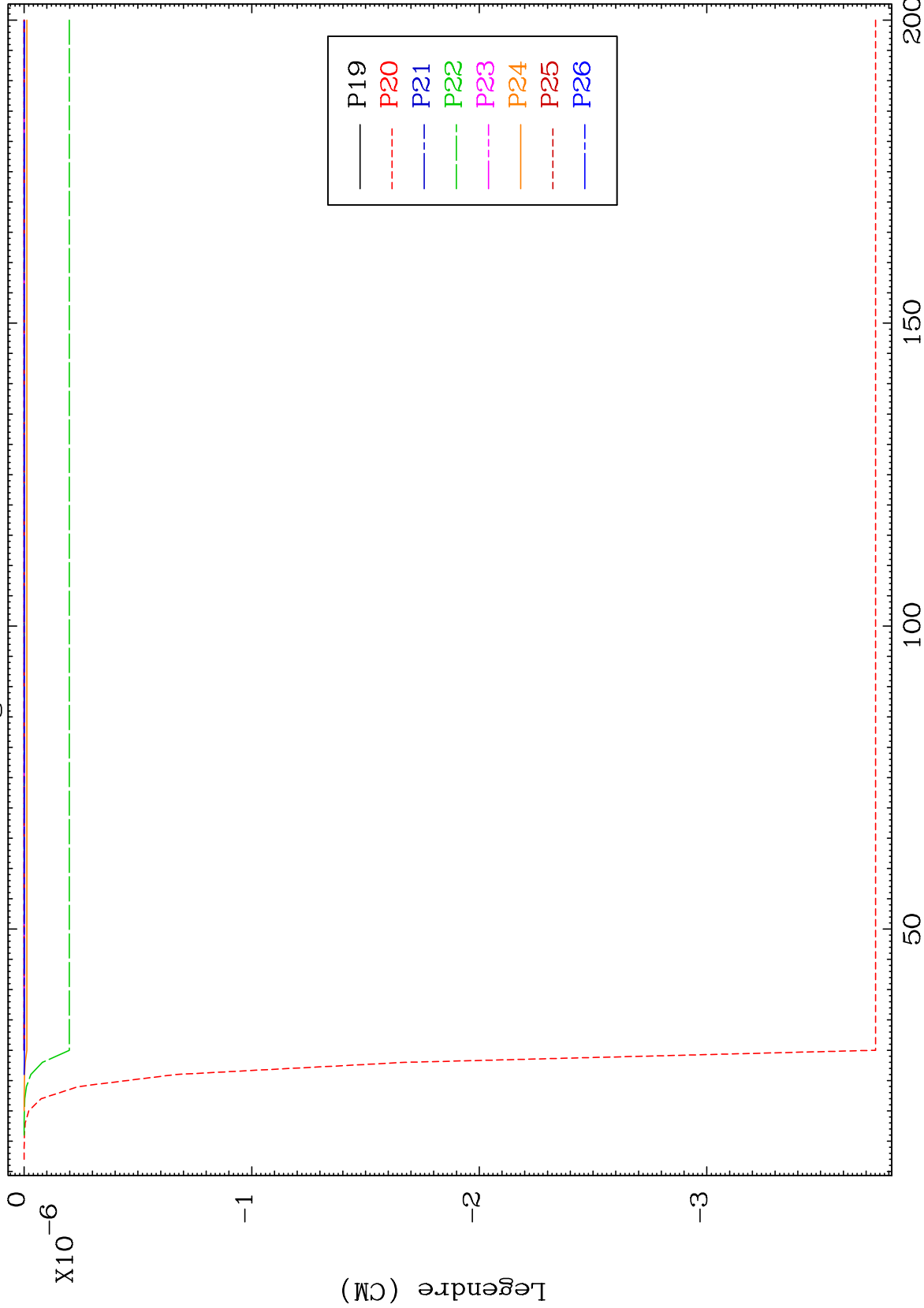
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 63 (n,n') Level
Legendre Coefficients

57-La-147



68

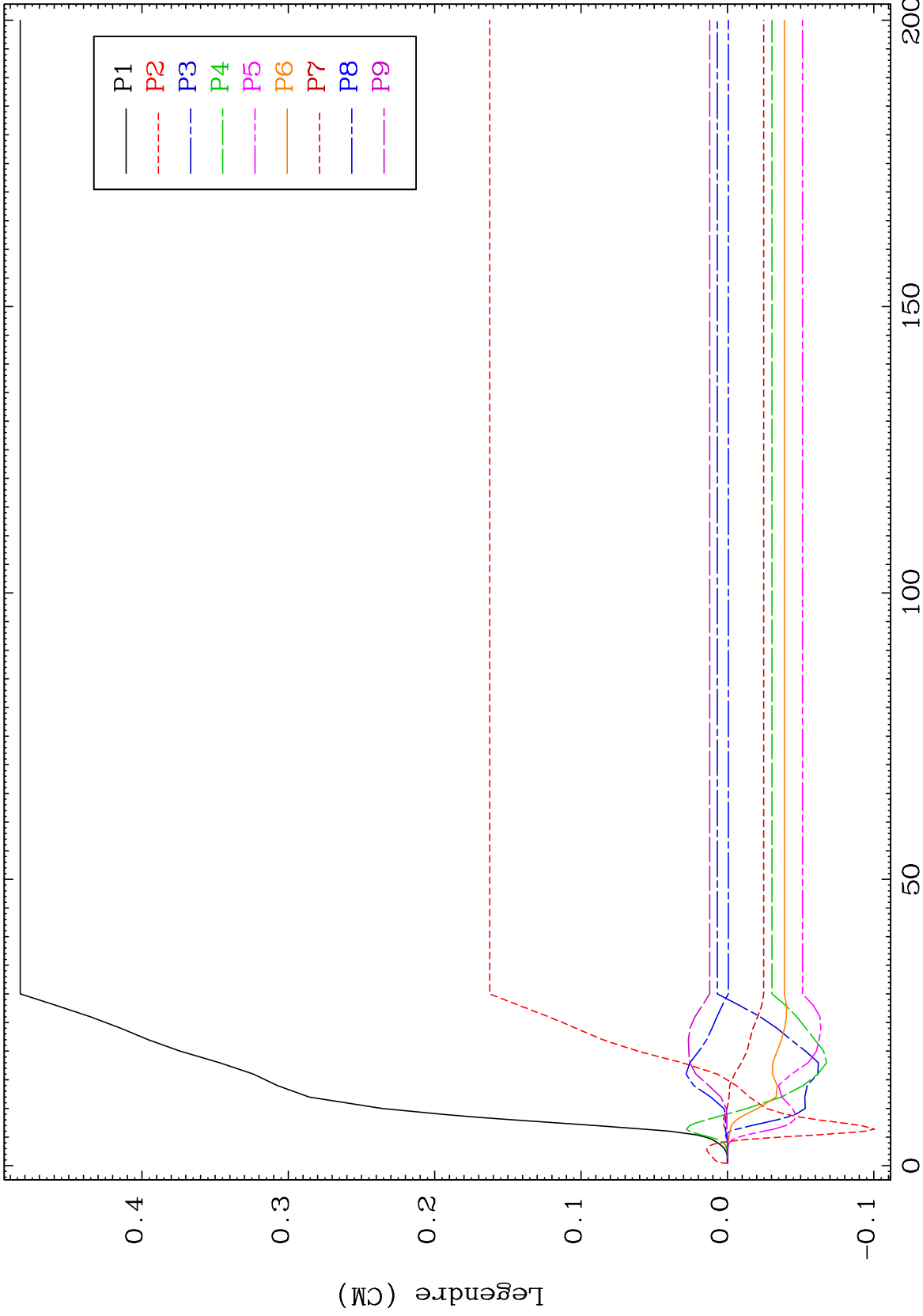
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 64 (n,n') Level
Legendre Coefficients

57-La-147



69

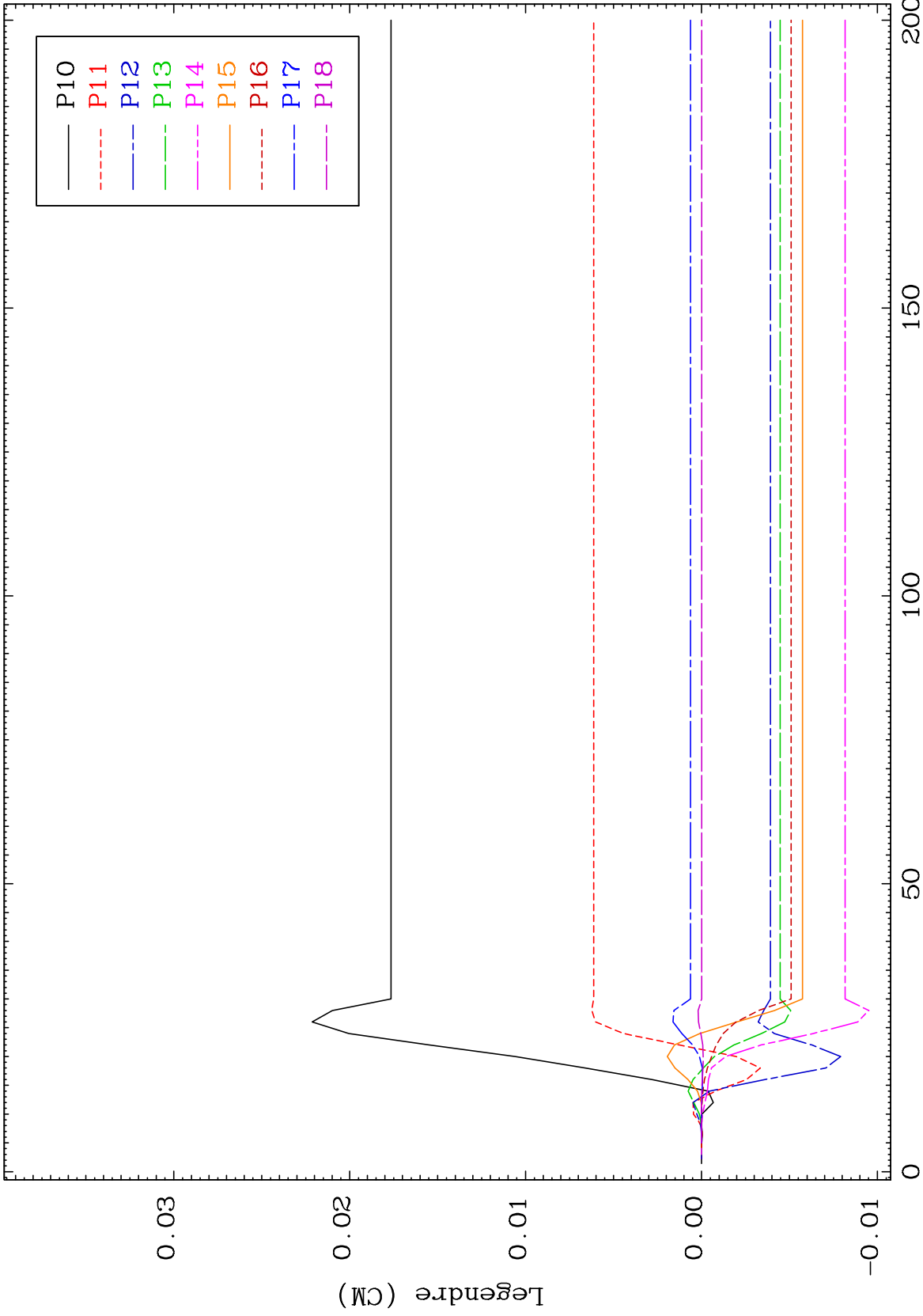
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 64 (n,n') Level
Legendre Coefficients

57-La-147



57-La-147

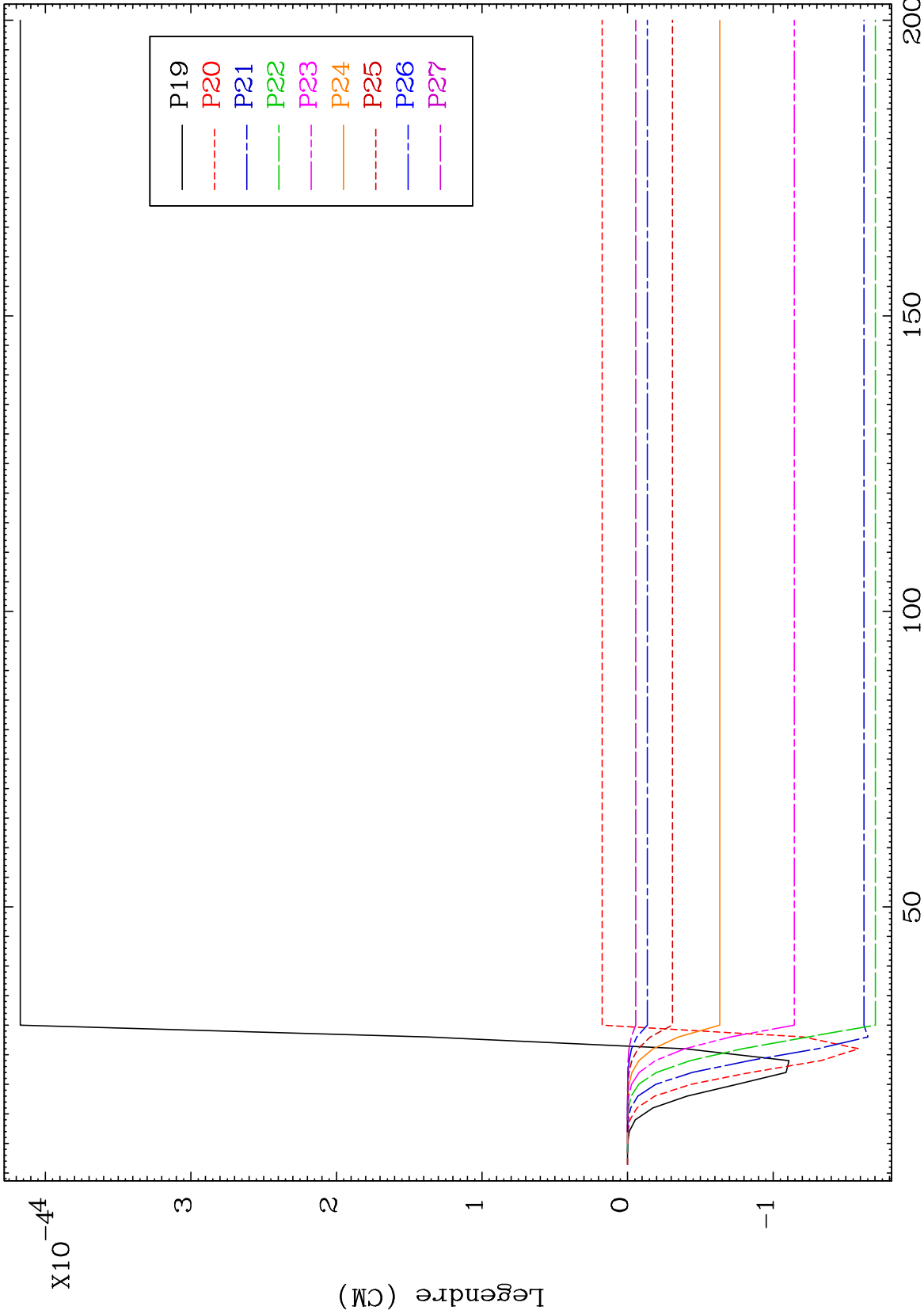
Incident Energy (MeV)

70

MAT 5752

MT= 64 (n,n') Level
Legendre Coefficients

57-La-147



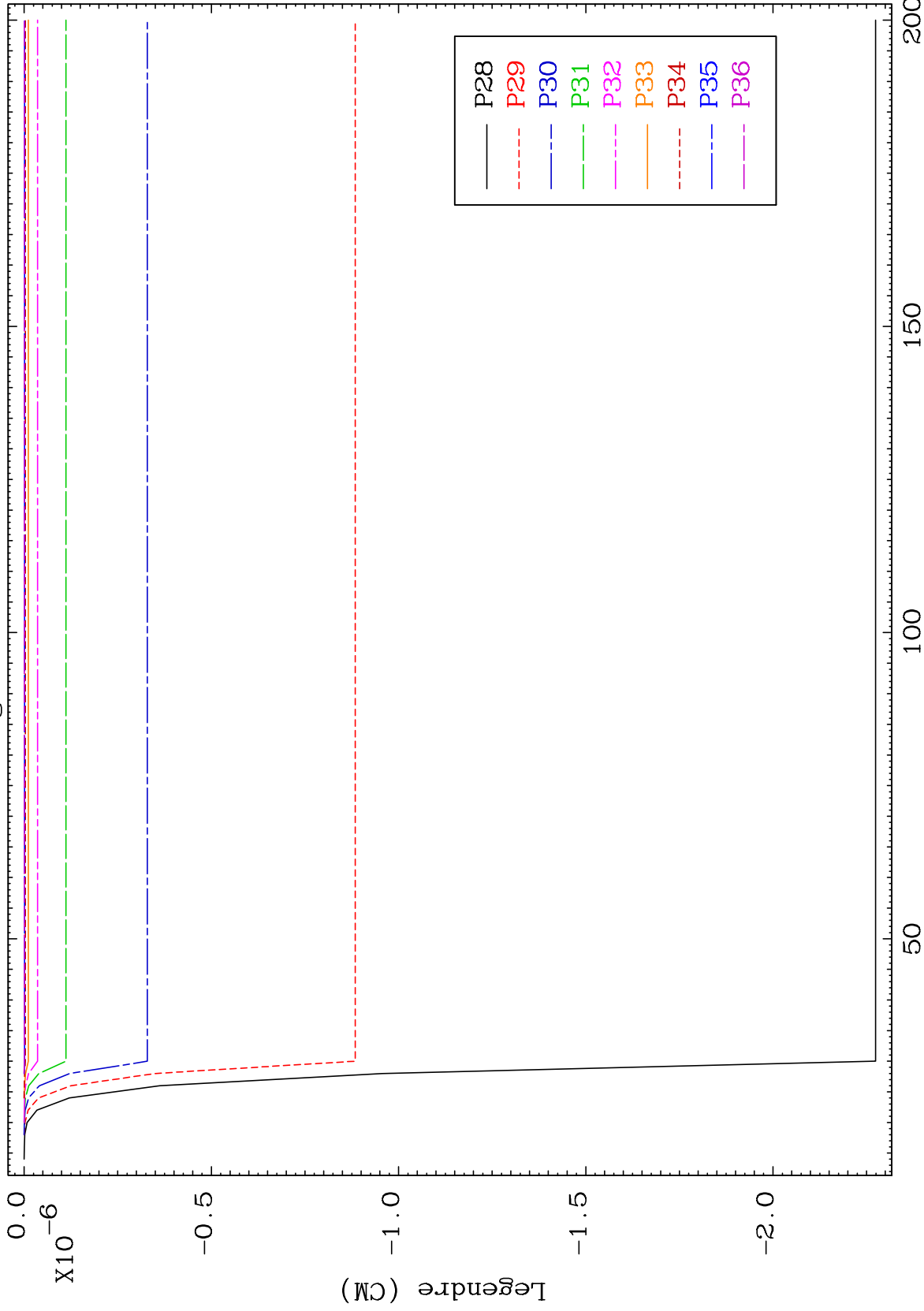
71

57-La-147

MAT 5752

MT= 64 (n,n') Level
Legendre Coefficients

57-La-147



72

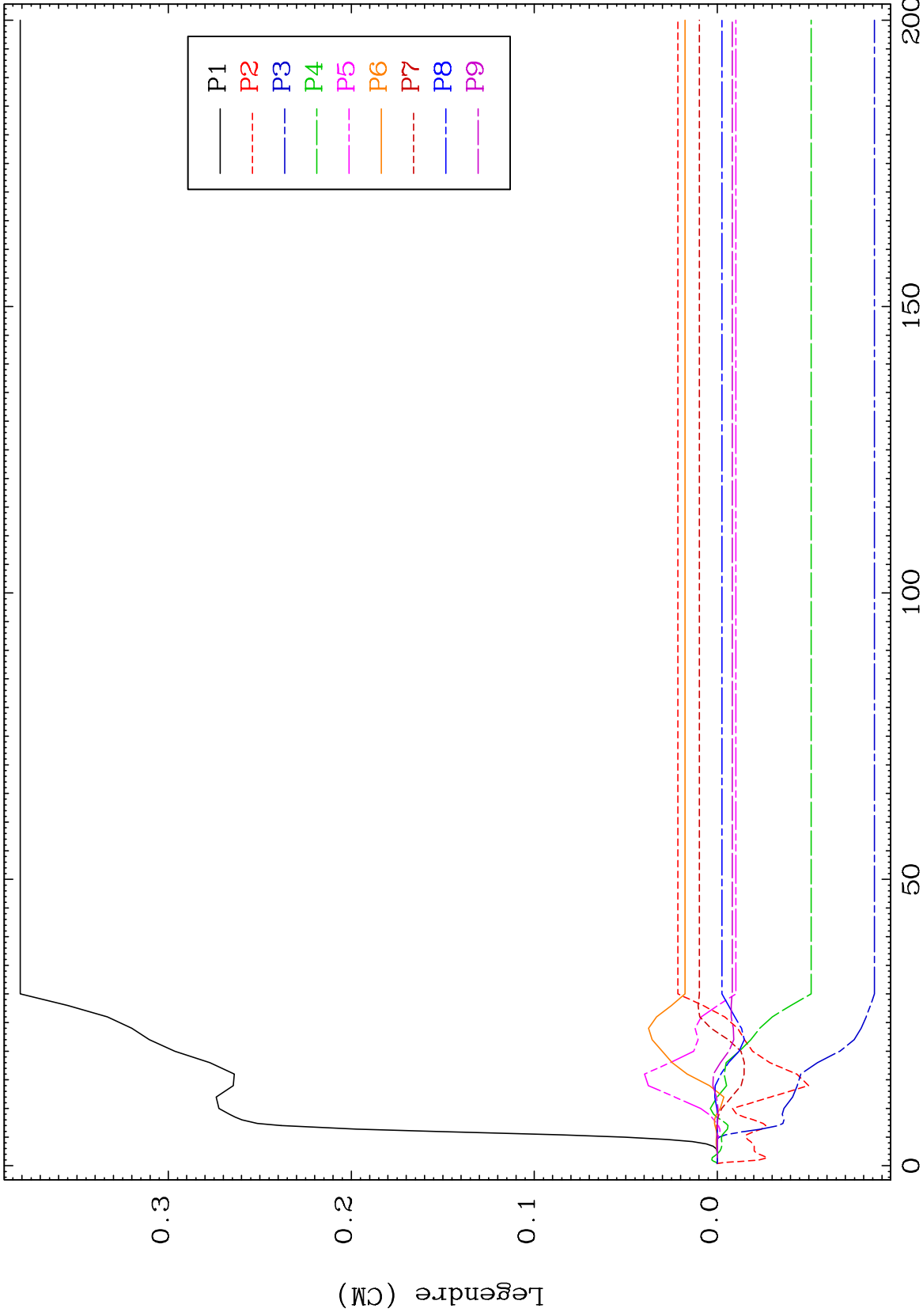
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 65 (n,n') Level
Legendre Coefficients

57-La-147



73

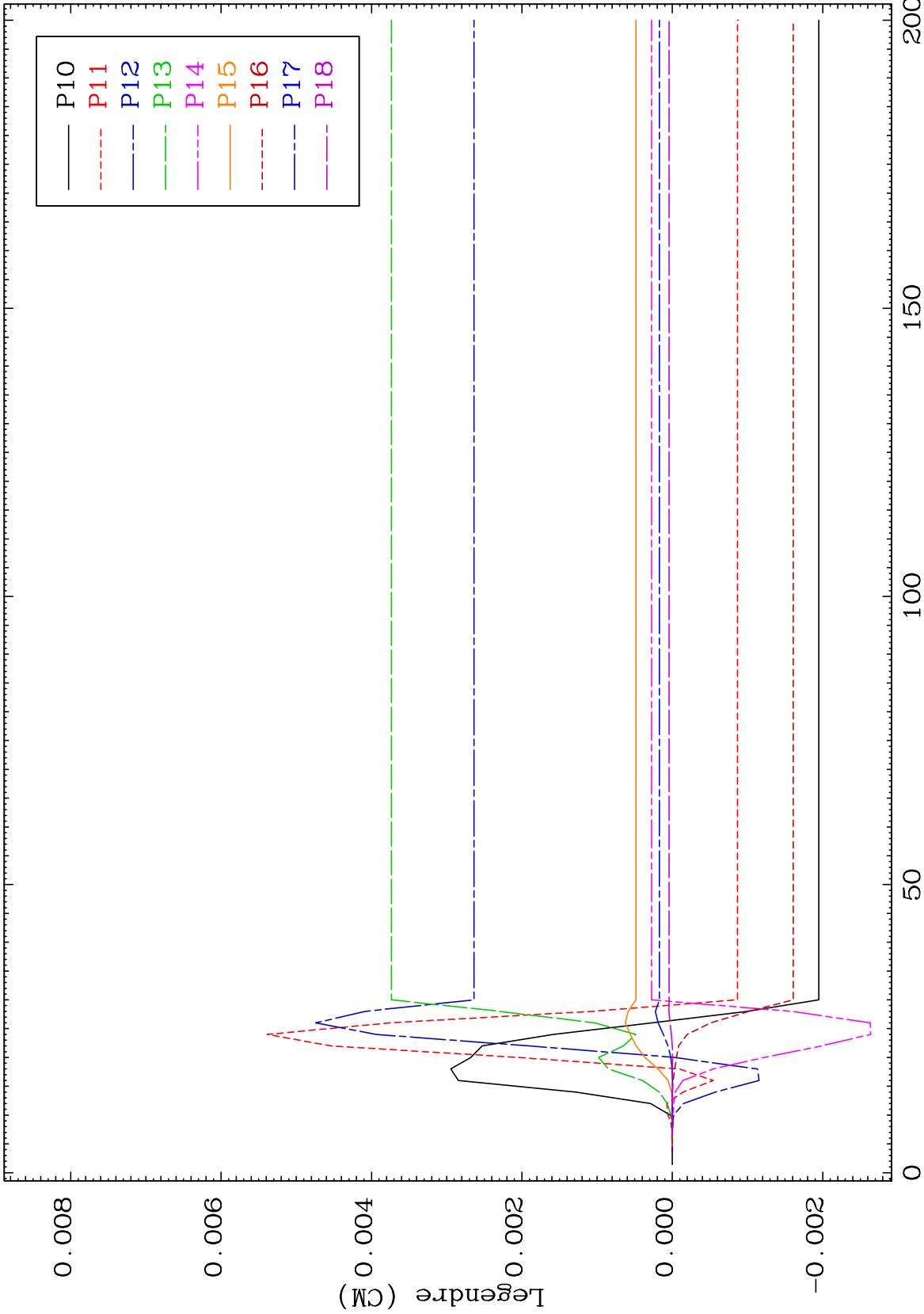
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 65 (n,n') Level
Legendre Coefficients

57-La-147



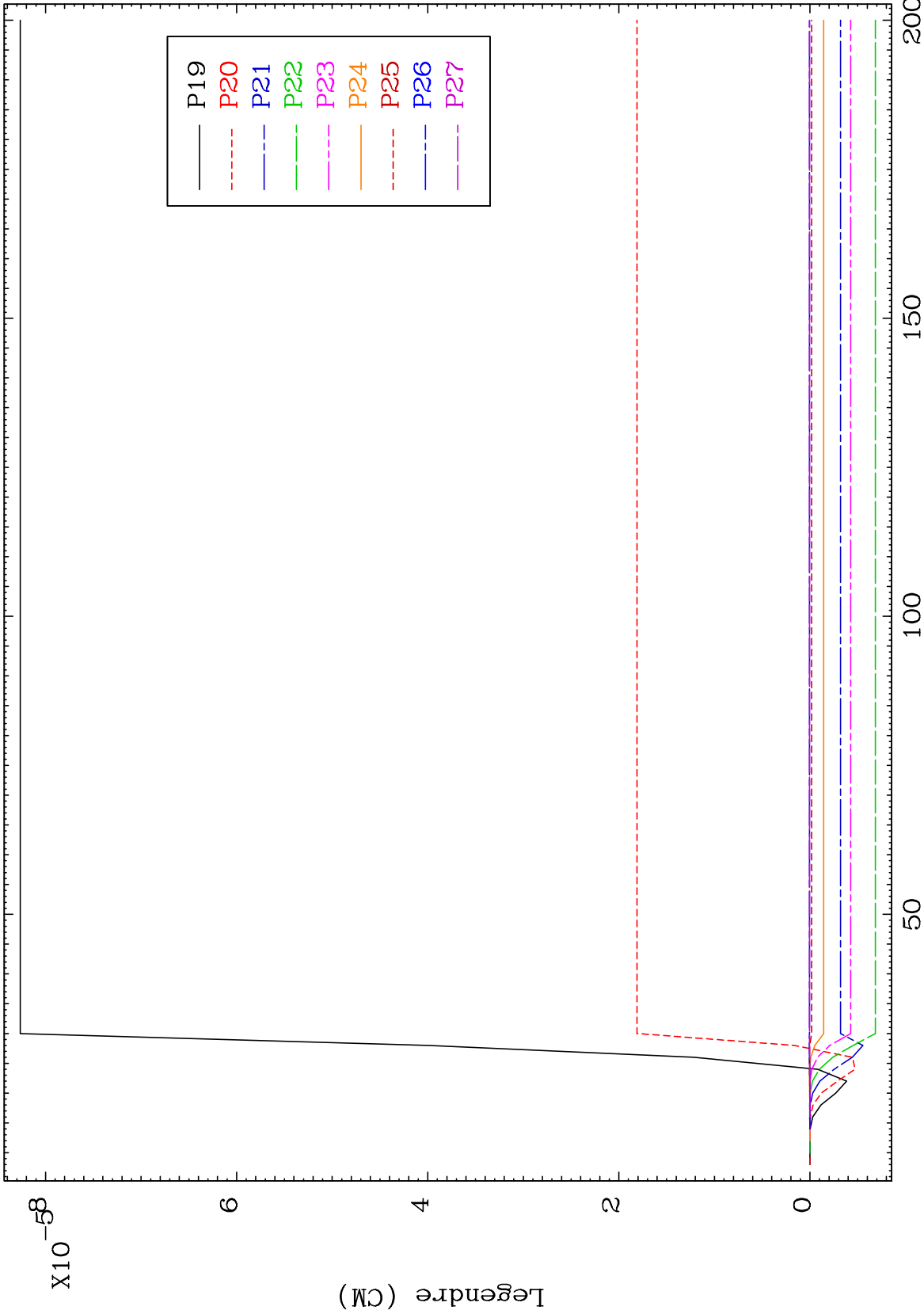
74

57-La-147

MAT 5752

MT= 65 (n,n') Level
Legendre Coefficients

57-La-147



75

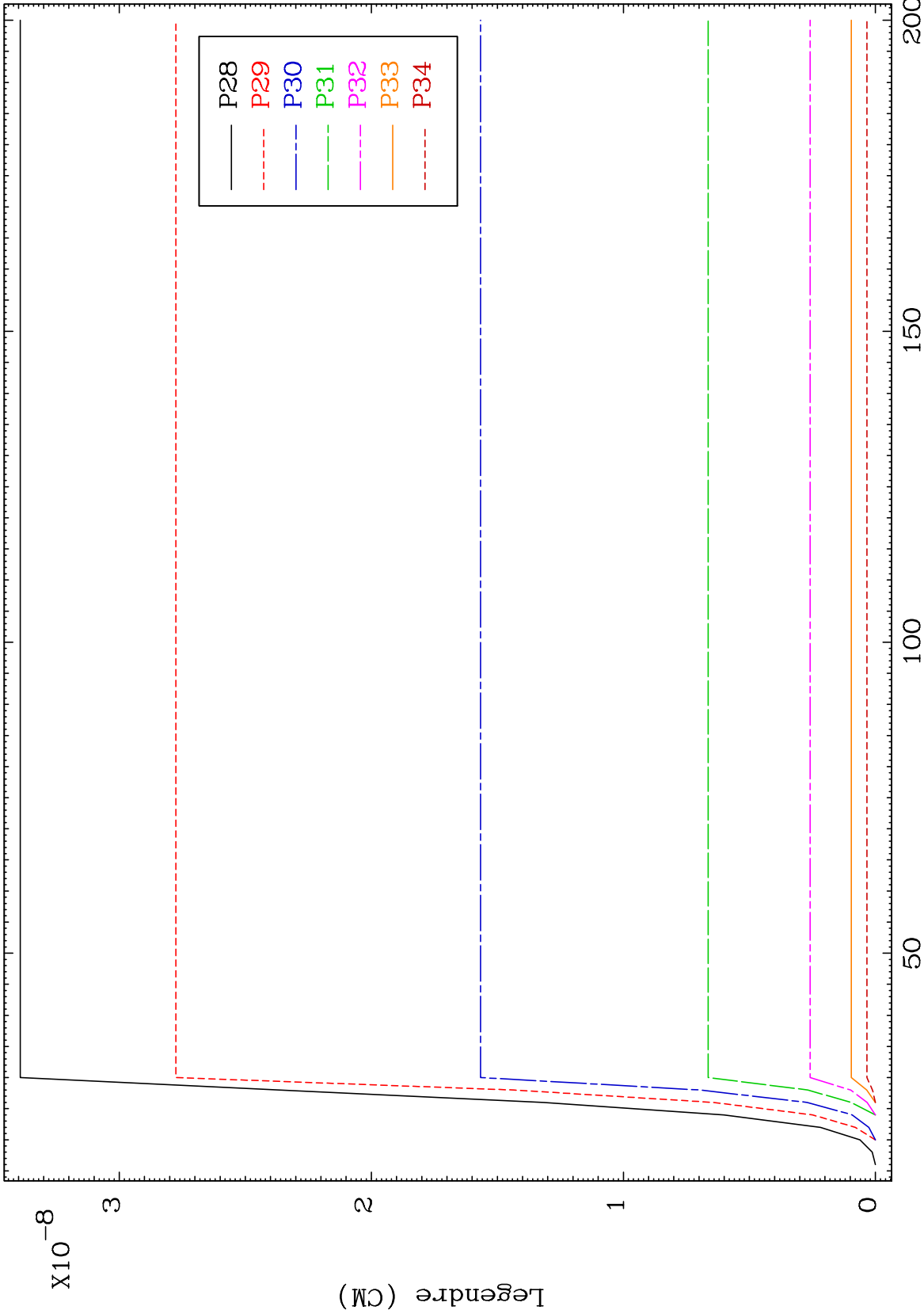
Incident Energy (MeV)

57-La-147

MAT 5752

MT= 65 (n,n') Level
Legendre Coefficients

57-La-147



76

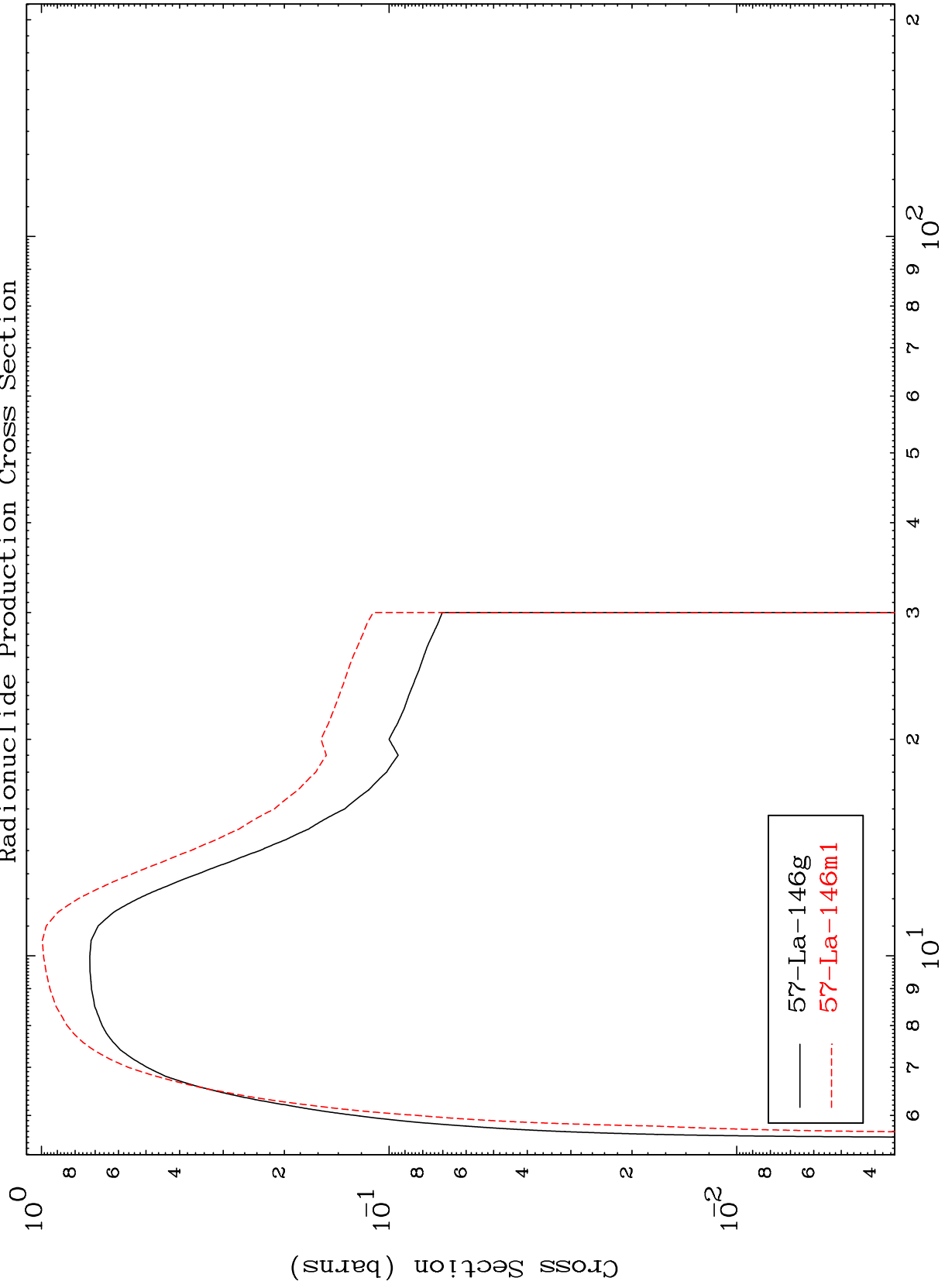
Incident Energy (MeV)

57-La-147

MAT 5752

57-La-147

Radionuclide Production Cross Section
(n,2n)



77

57-La-147