

Program EVALPLOT
(Version 2021-1)

by

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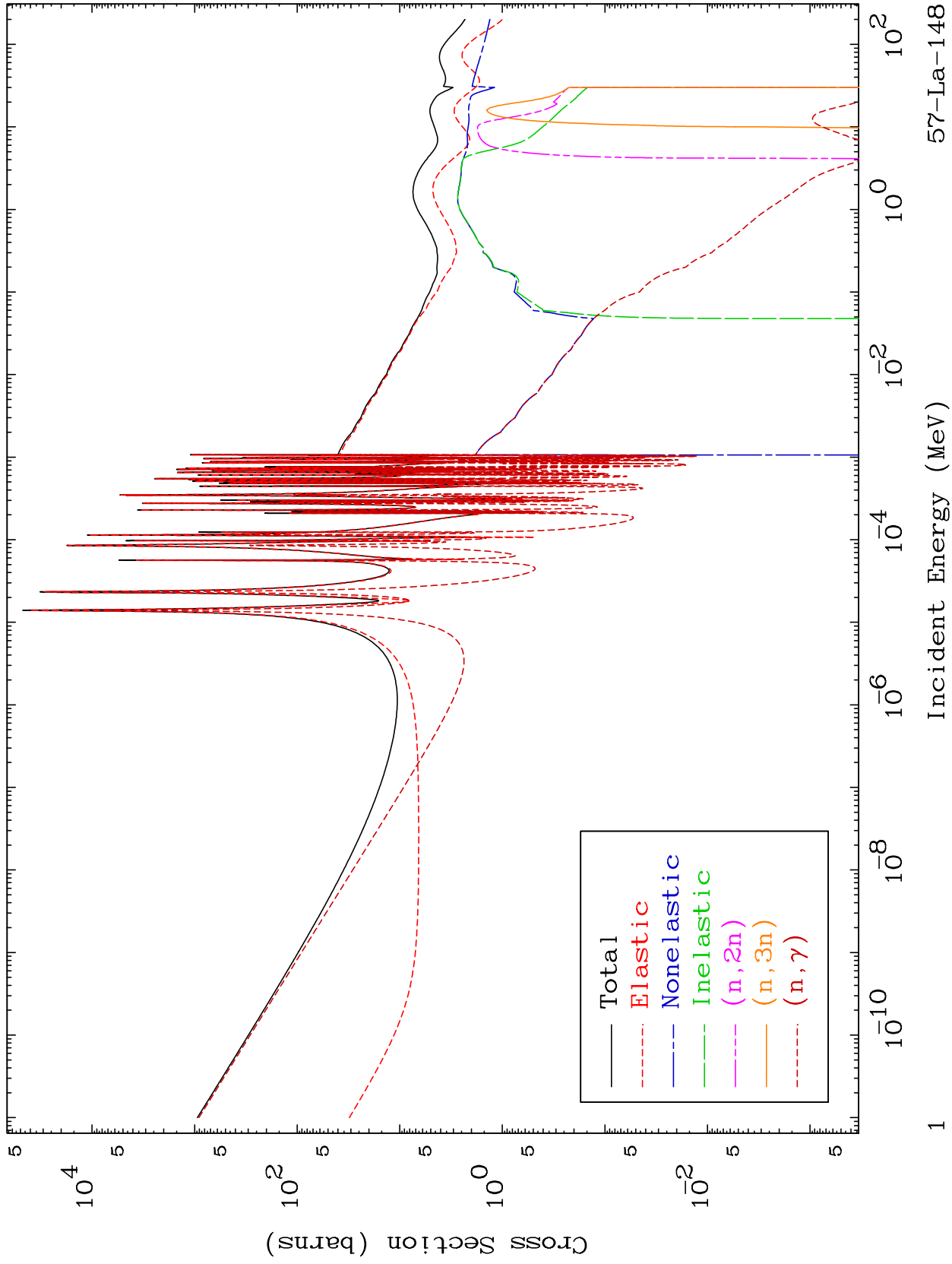
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5755

Neutron Major
293 Kelvin Cross Sections

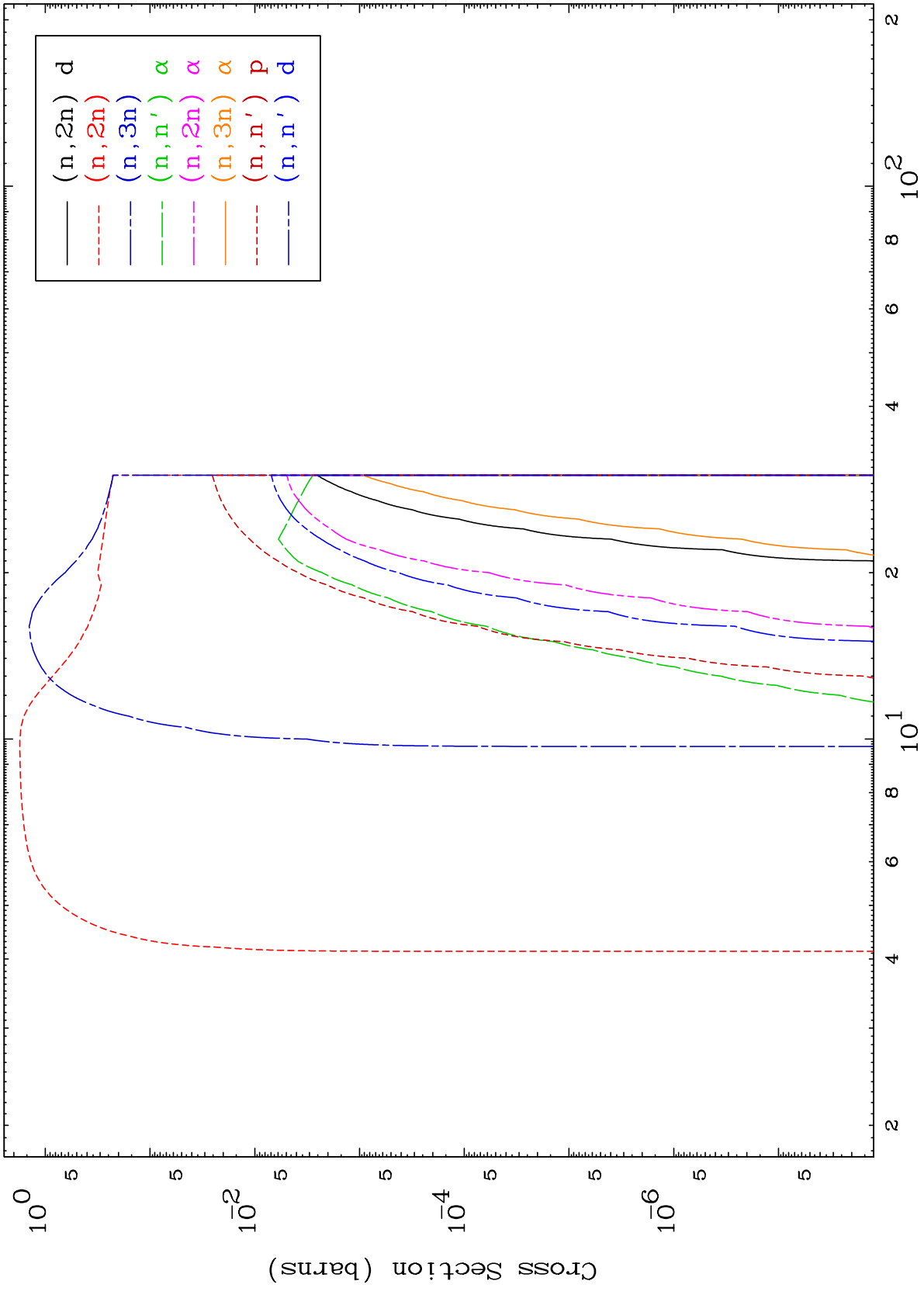
57-La-148



MAT 5755

Neutron Absorption 293 Kelvin Cross Sections

57-La-148



2

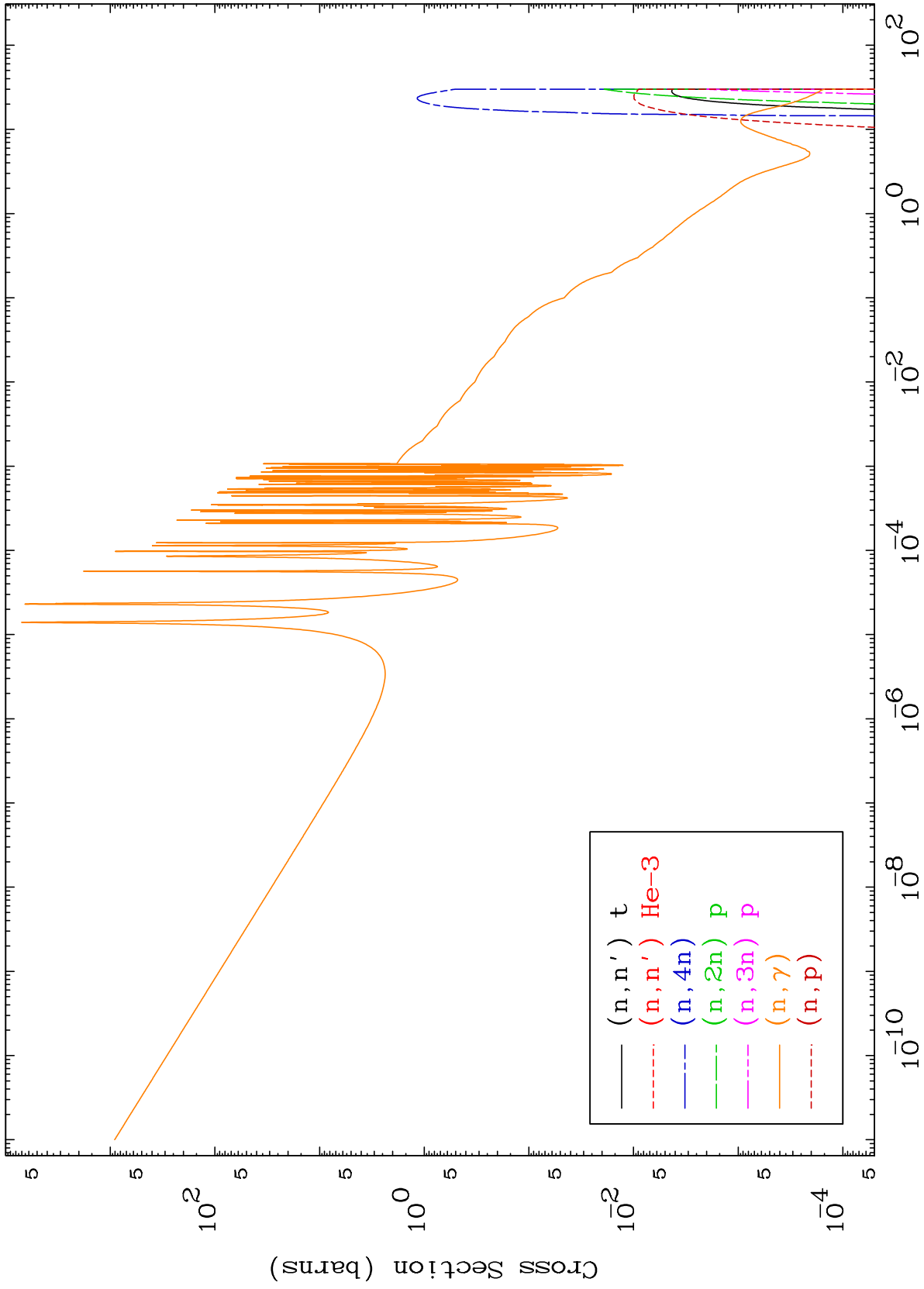
Incident Energy (MeV)

57-La-148

MAT 5755

Neutron Absorption
293 Kelvin Cross Sections

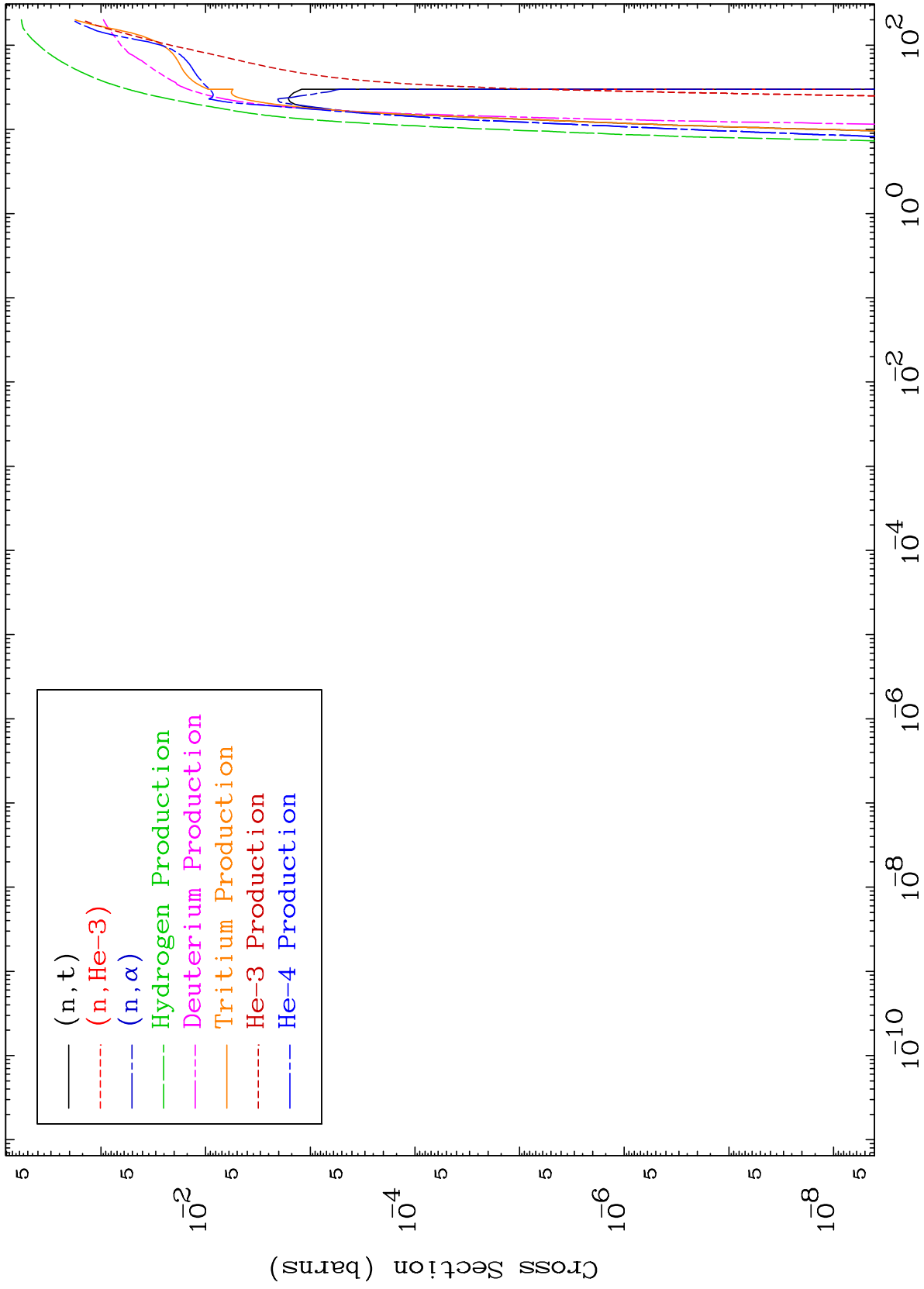
57-La-148

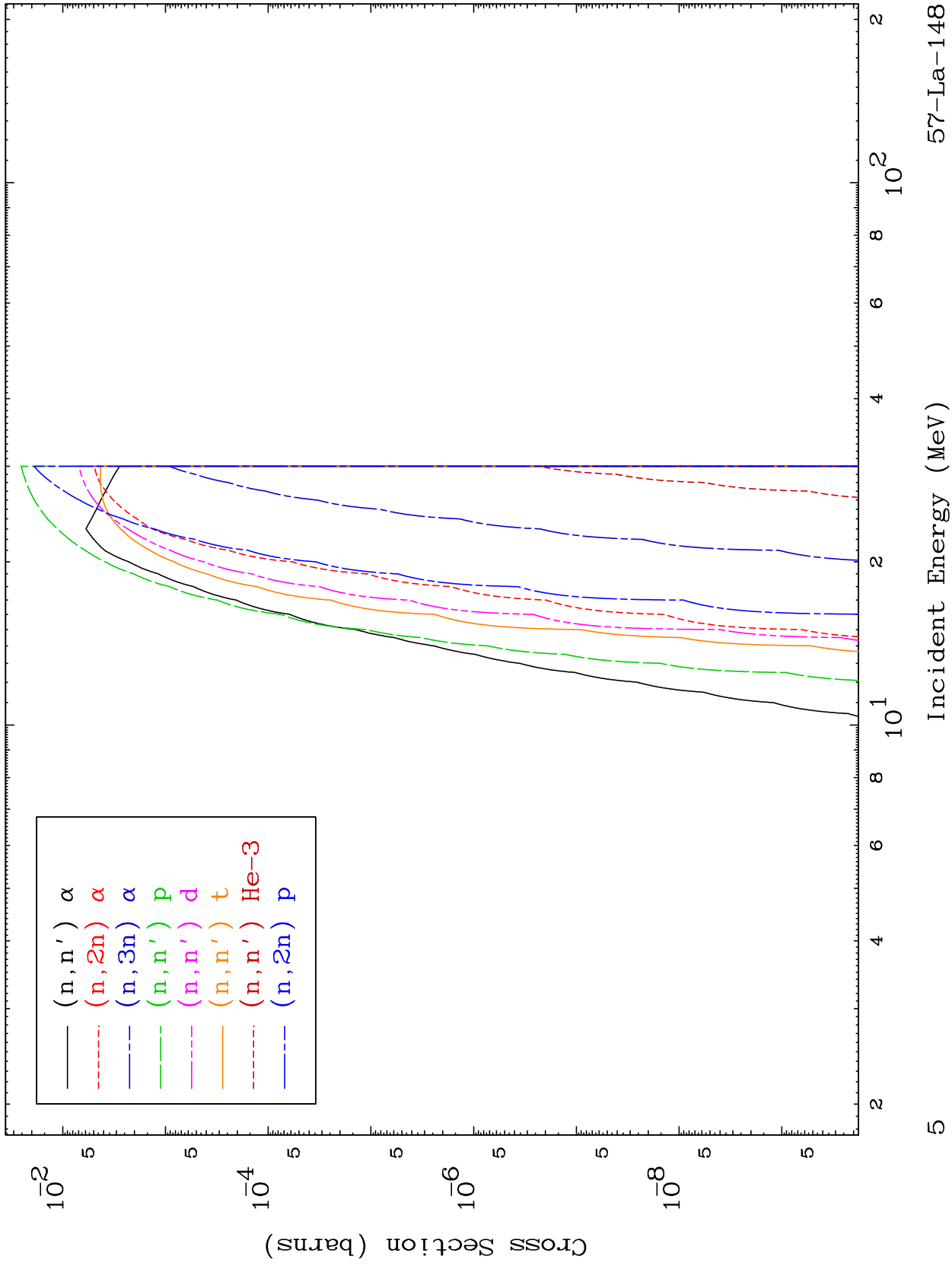


MAT 5755

Neutron Absorption
293 Kelvin Cross Sections

57-La-148

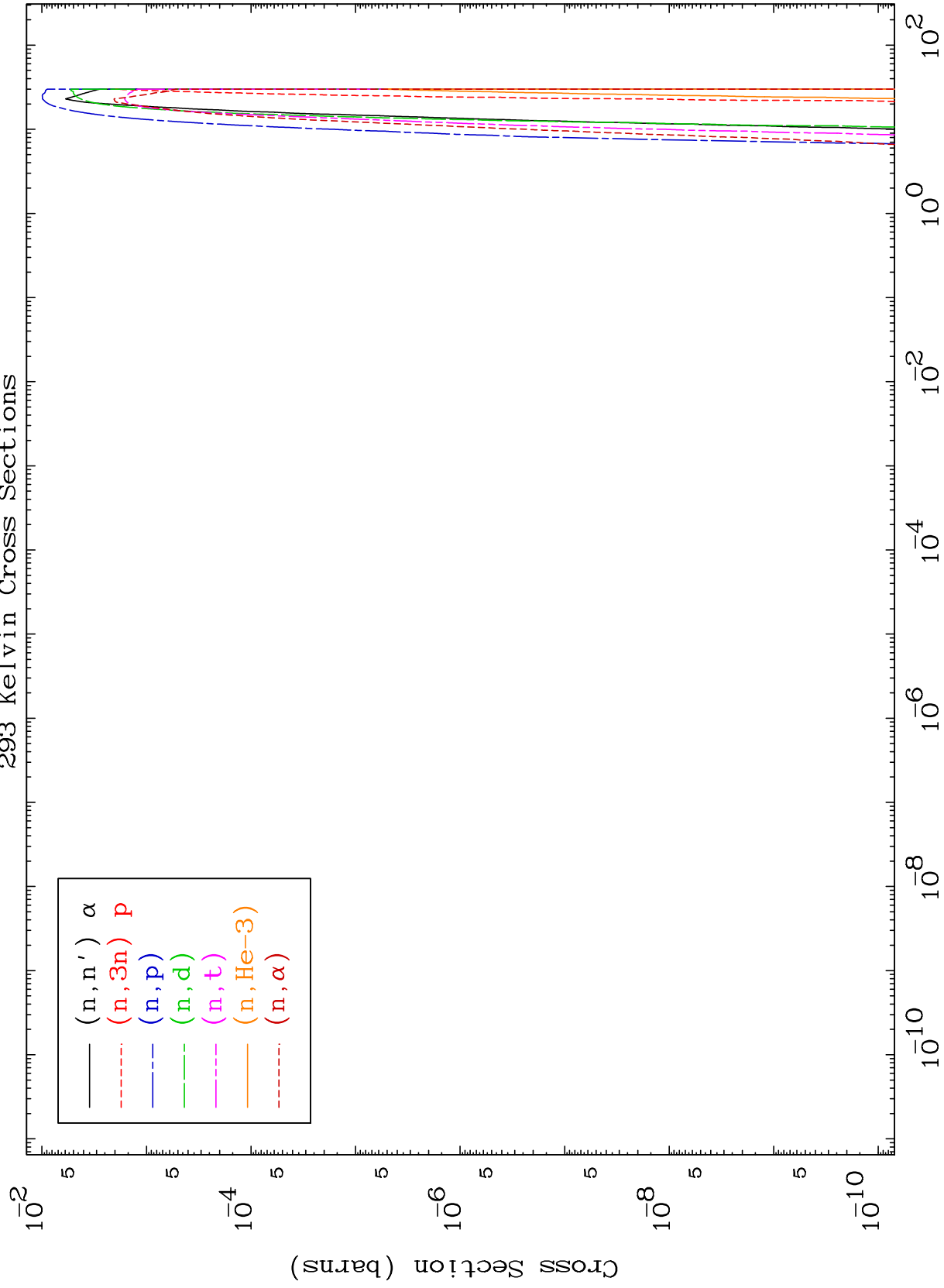




MAT 5755

Charged Particle
293 Kelvin Cross Sections

57-La-148



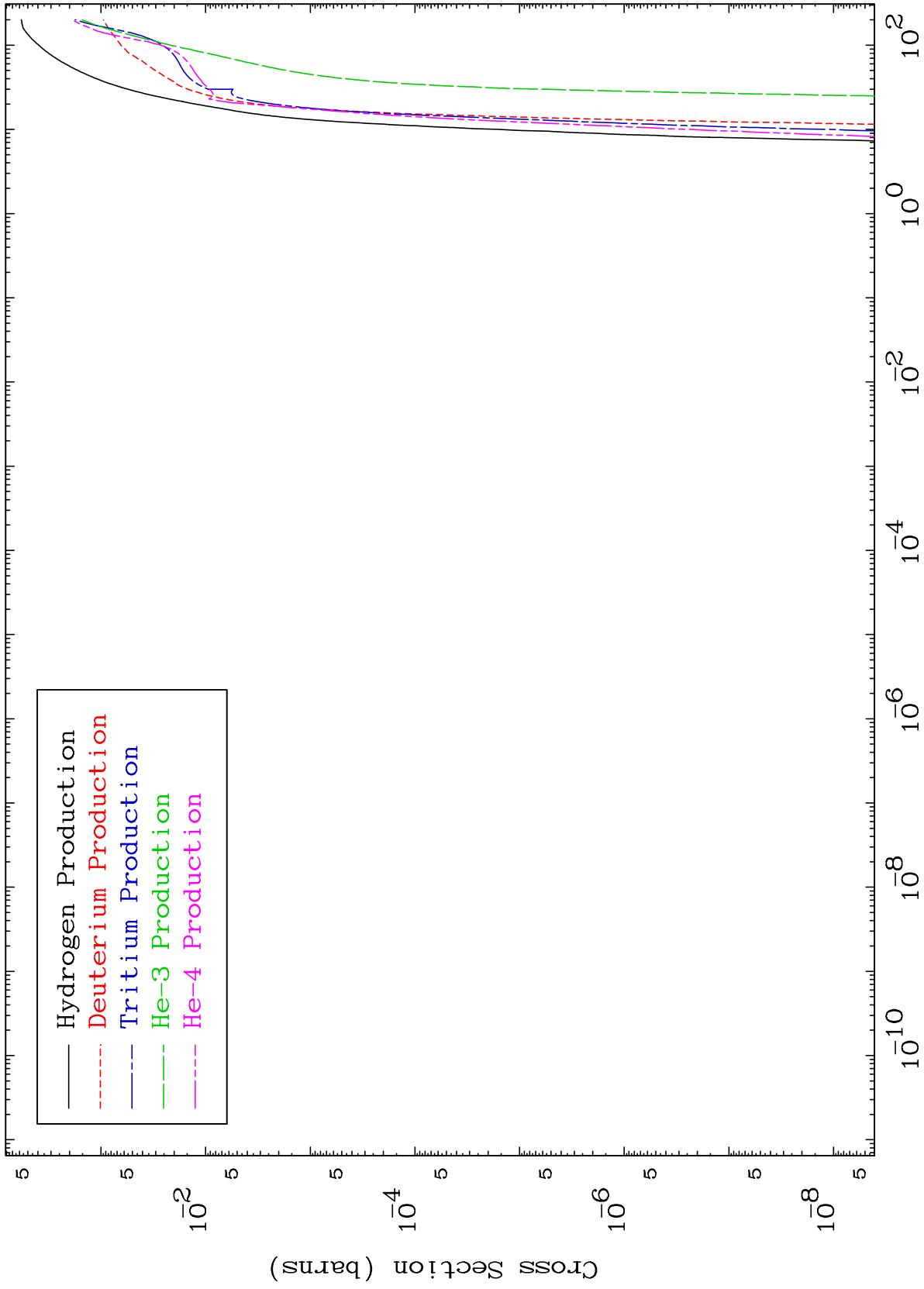
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57-La-148

MAT 5755

Particle Production
293 Kelvin Cross Sections

57-La-148



7

Incident Energy (MeV)

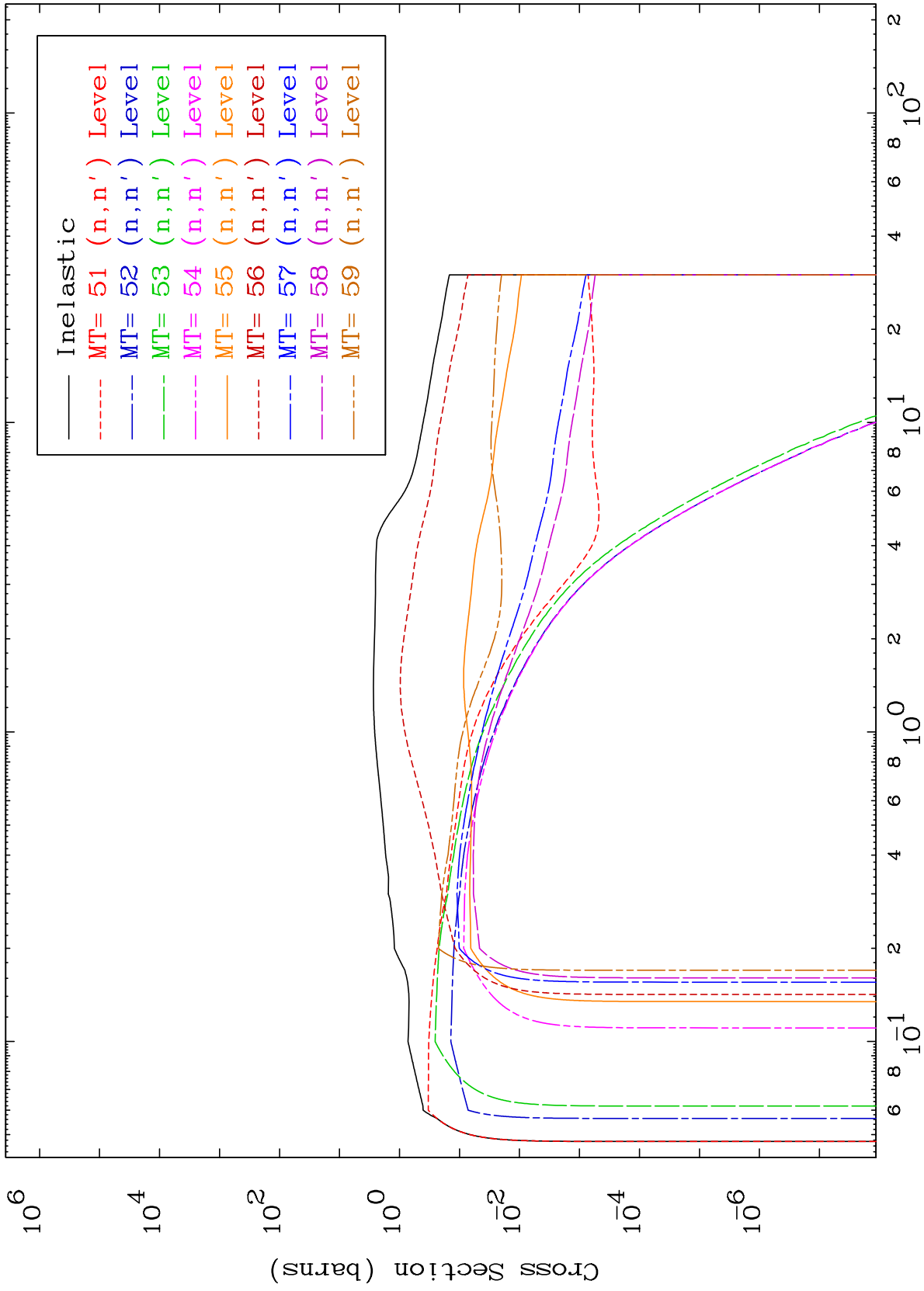
57-La-148

MAT 5755

(n,n') Levels

57-La-148

293 Kelvin Cross Sections



8

Incident Energy (MeV)

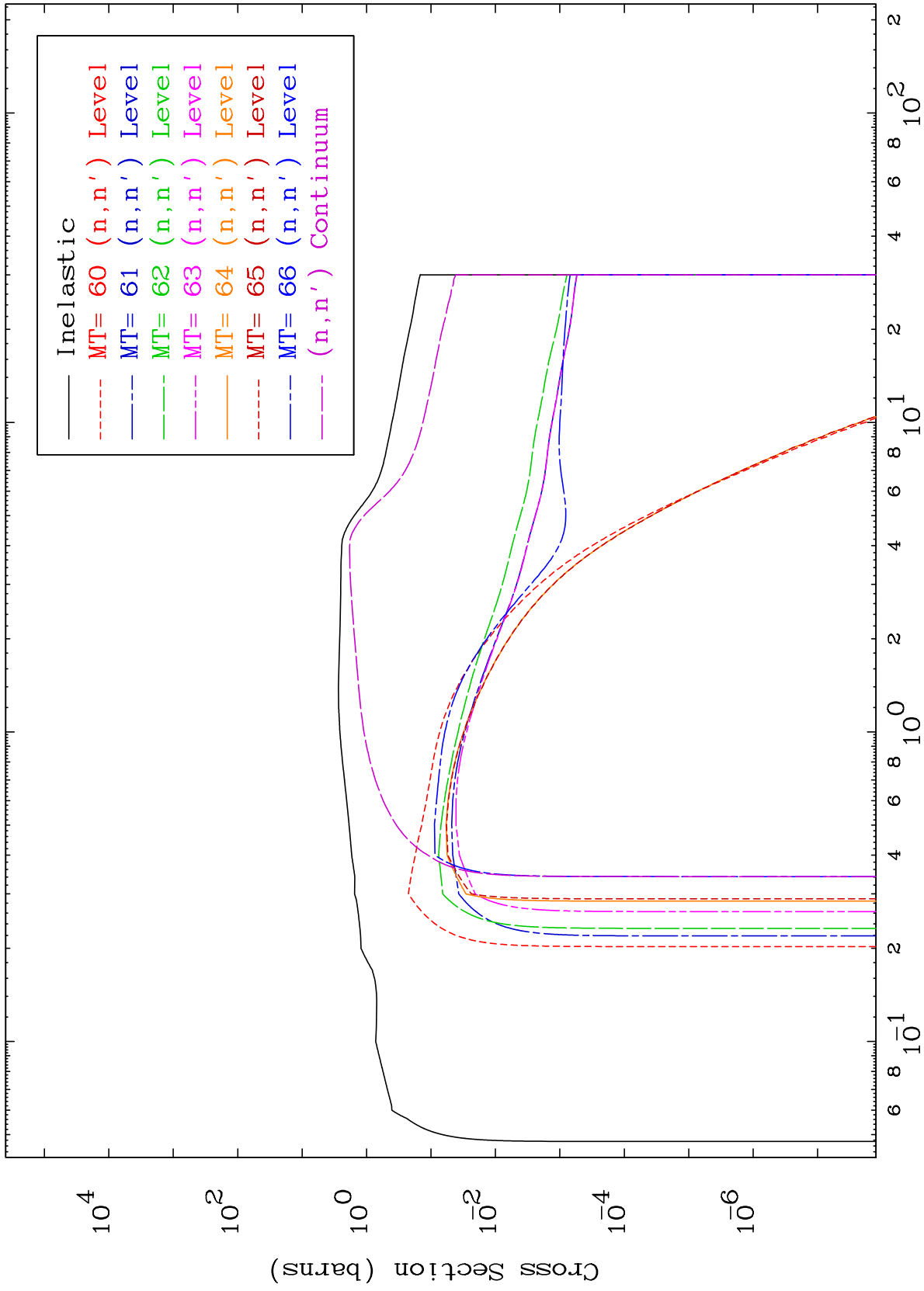
57-La-148

MAT 5755

(n,n') Levels

57-La-148

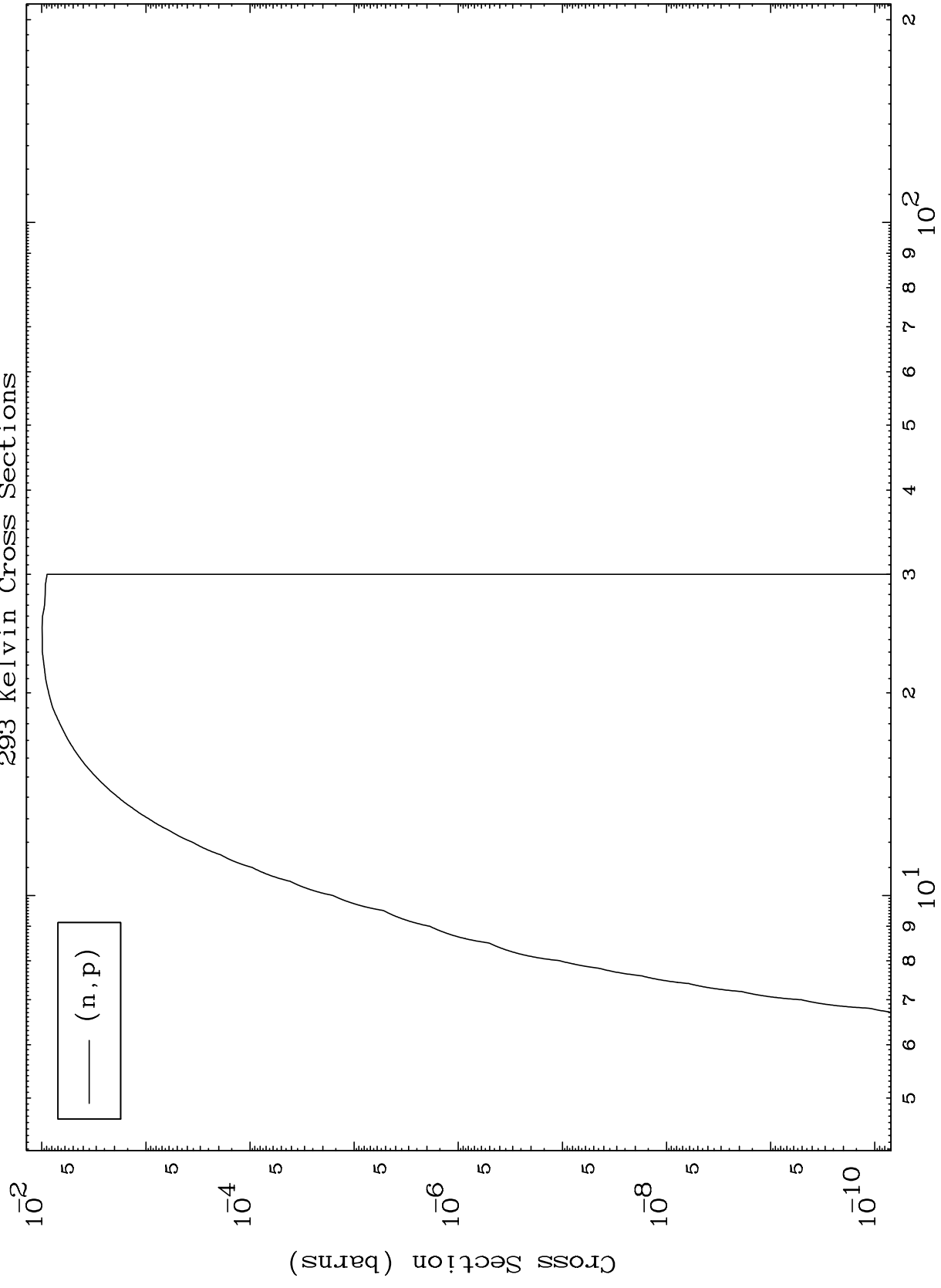
293 Kelvin Cross Sections



MAT 5755

(n,p) Levels
293 Kelvin Cross Sections

57-La-148



10

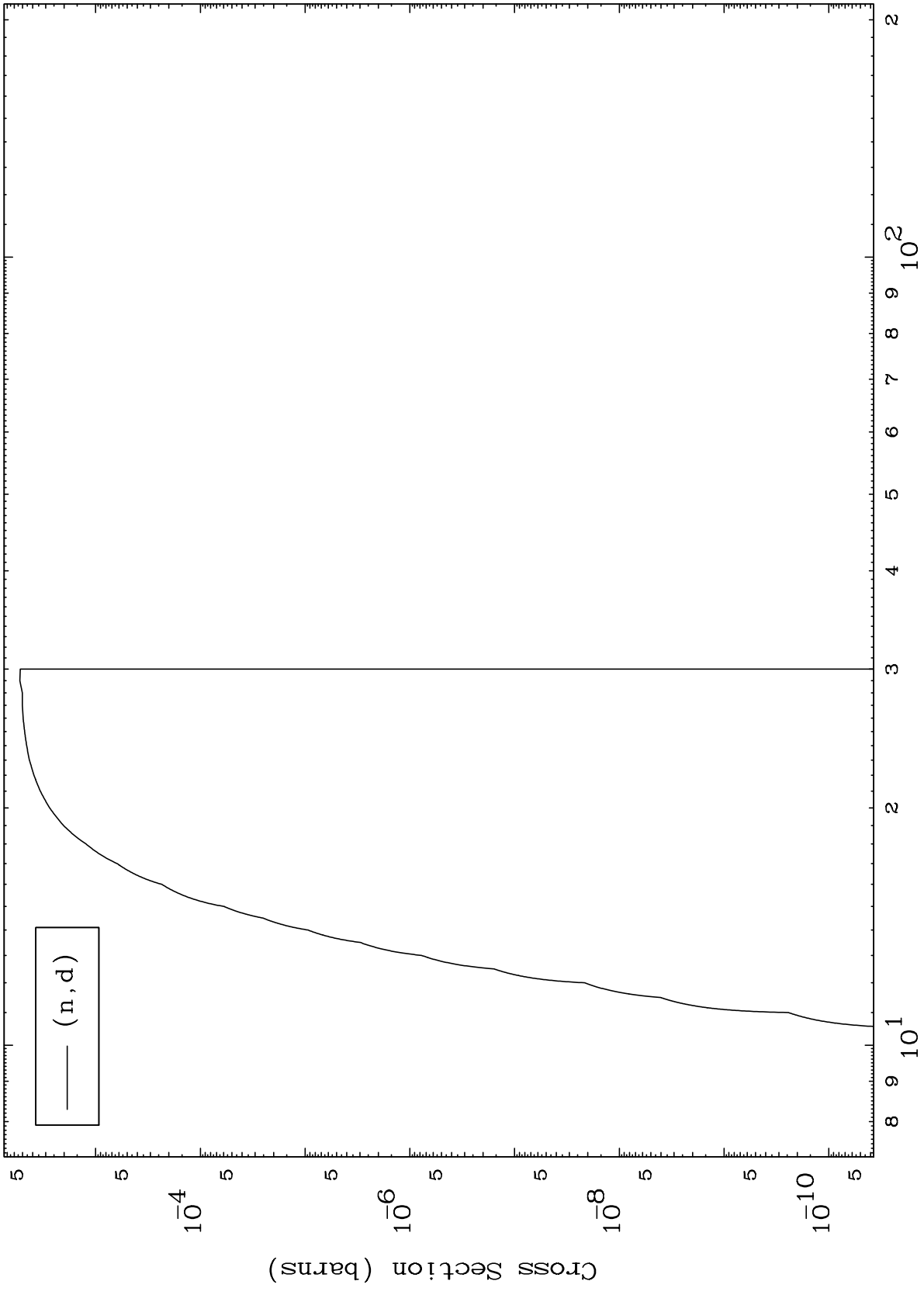
Incident Energy (MeV)

57-La-148

MAT 5755

(n,d) Levels
293 Kelvin Cross Sections

57-La-148



11

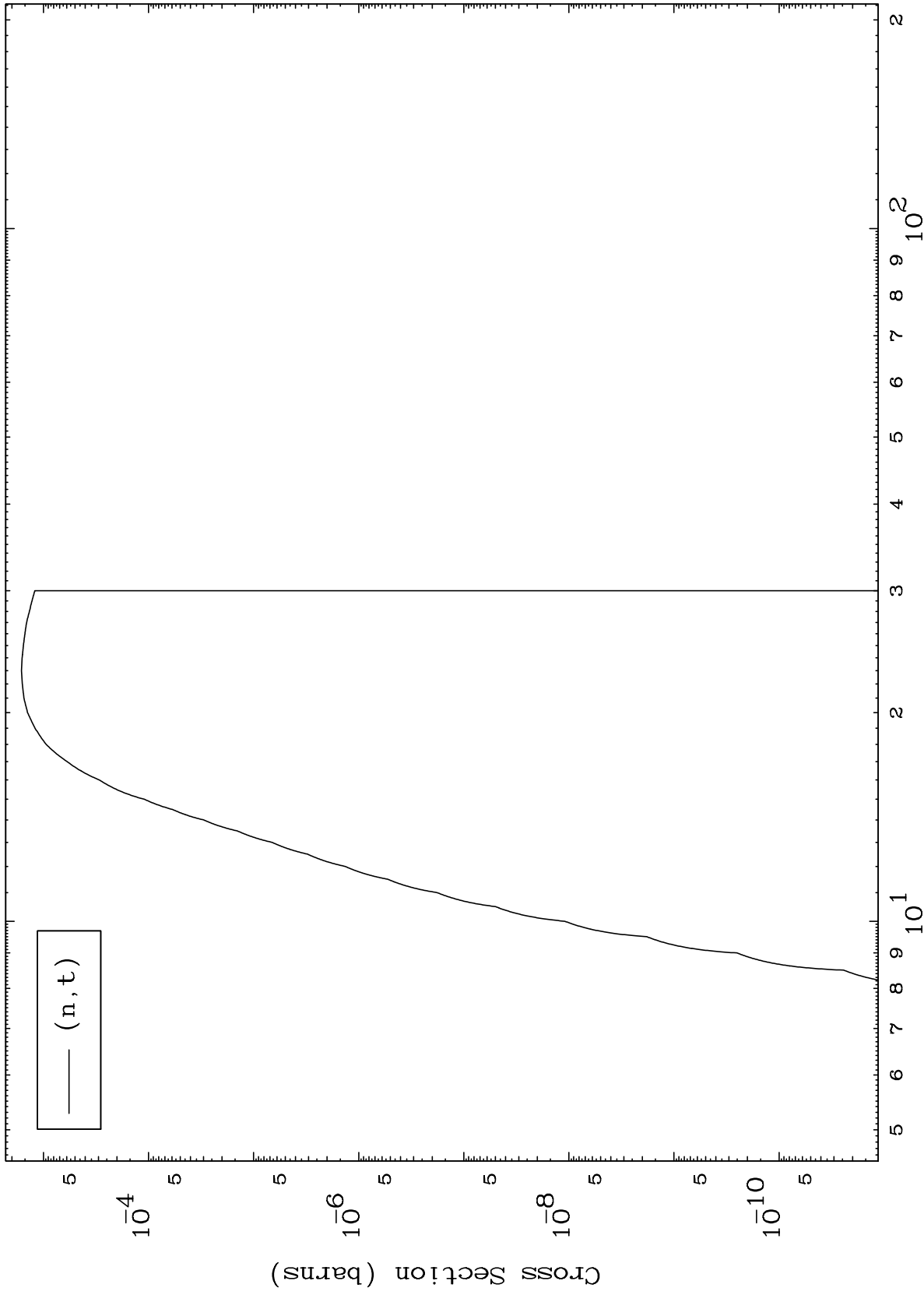
Incident Energy (MeV)

57-La-148

MAT 5755

57-La-148

(n,t) Levels
293 Kelvin Cross Sections



12

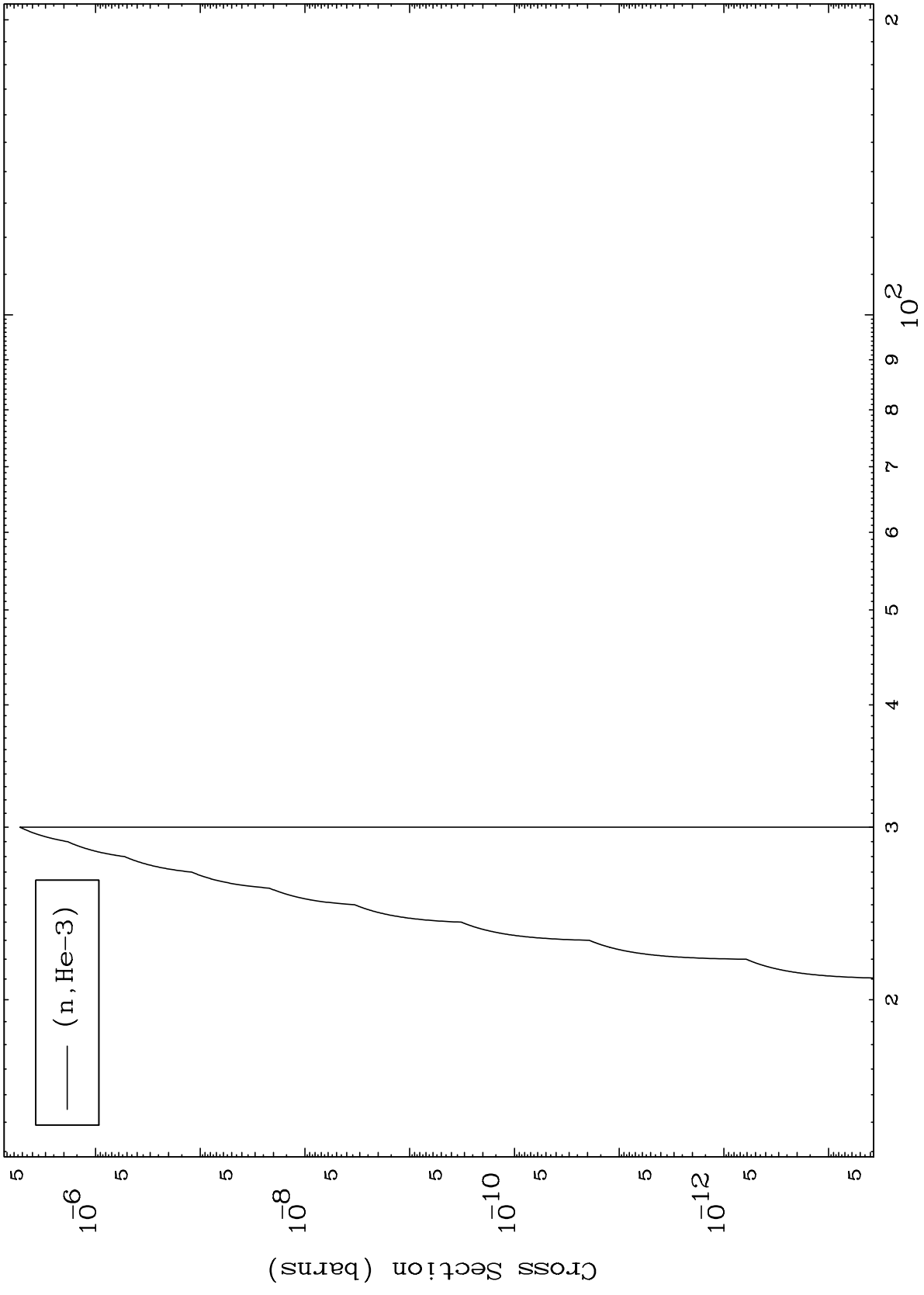
Incident Energy (MeV)

57-La-148

MAT 5755

(n,He3) Levels
293 Kelvin Cross Sections

57-La-148



13

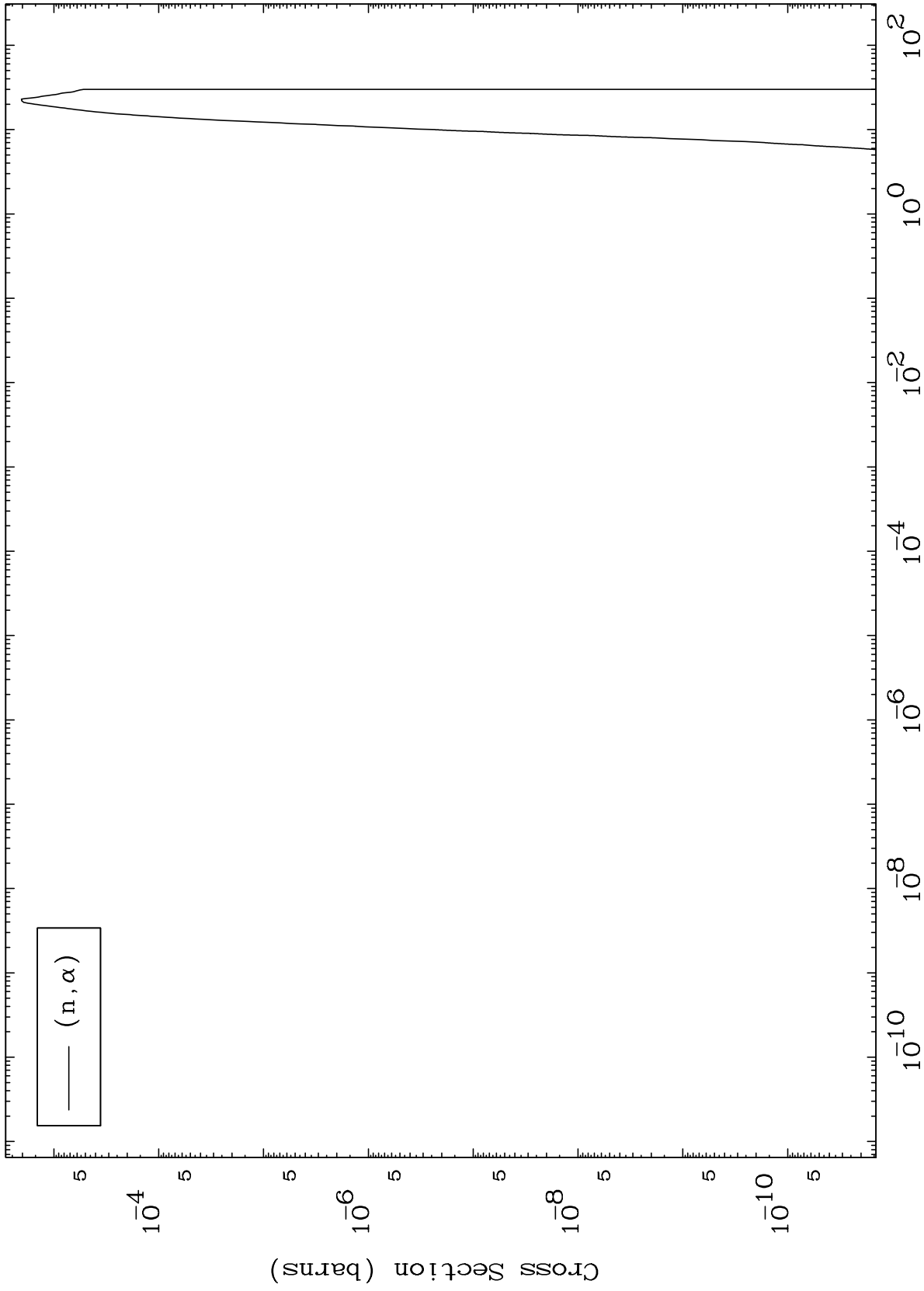
Incident Energy (MeV)

57-La-148

MAT 5755

(n,α) Levels
293 Kelvin Cross Sections

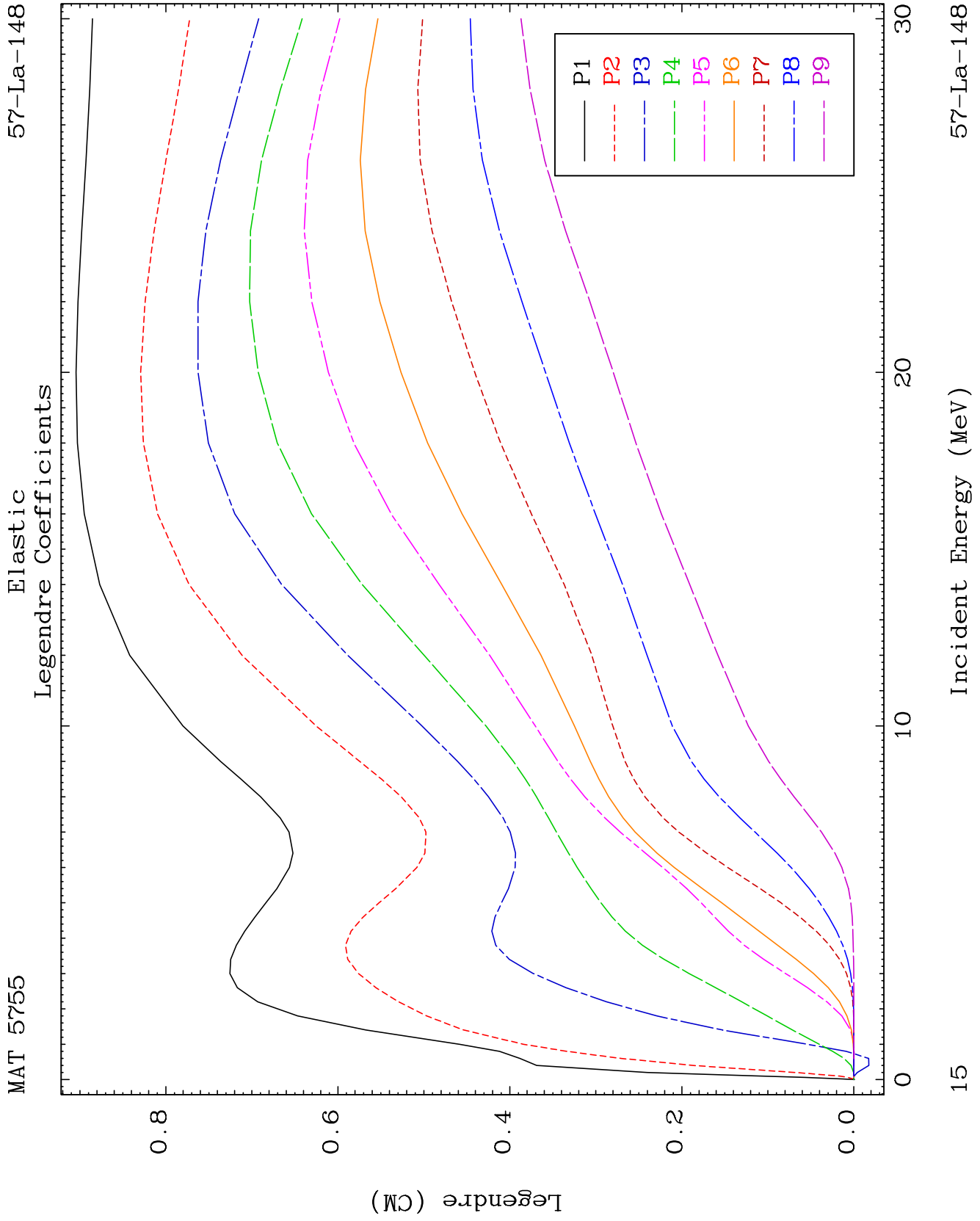
57-La-148



14

Incident Energy (MeV)

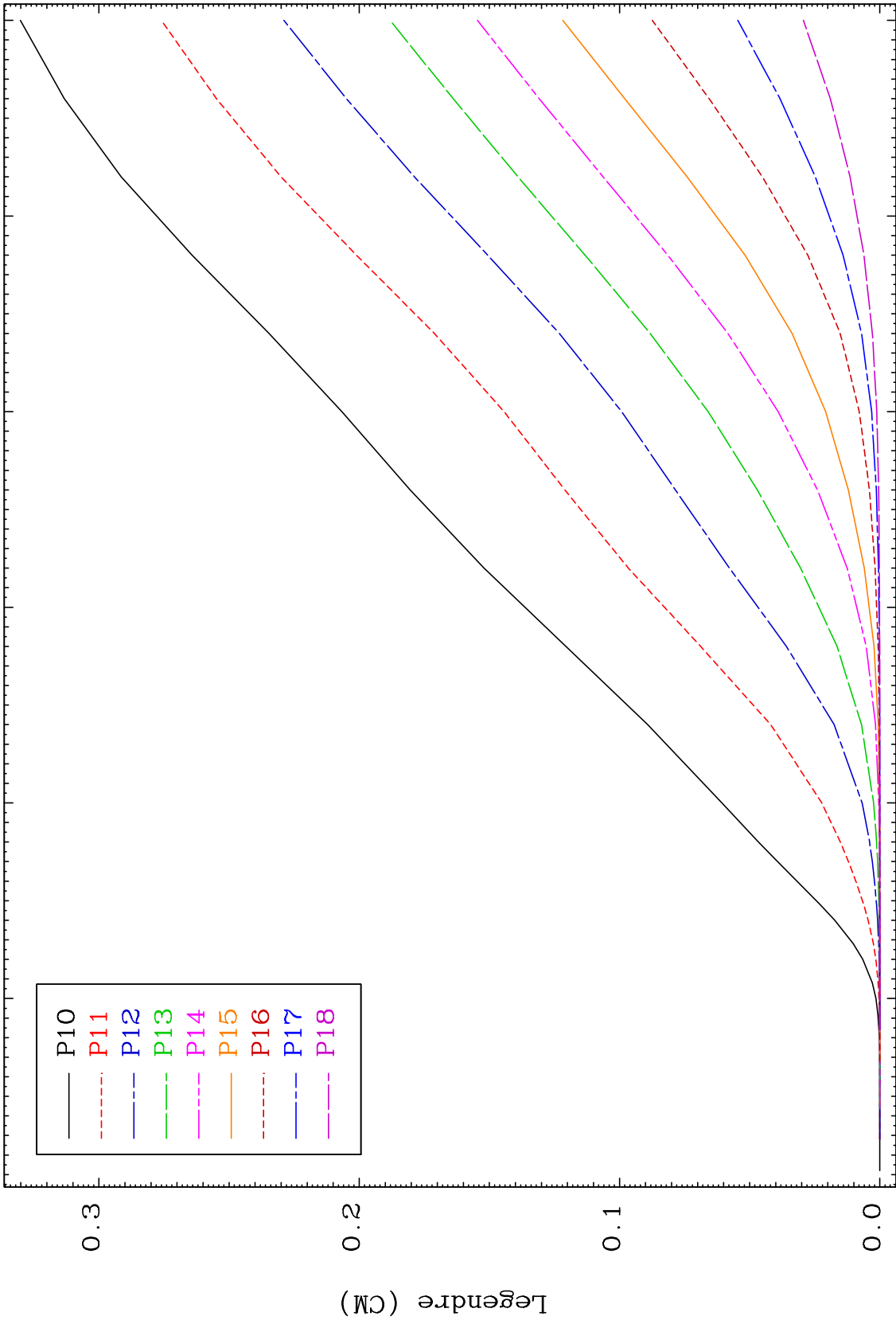
57-La-148



MAT 5755

Elastic Legendre Coefficients

57-La-148



16

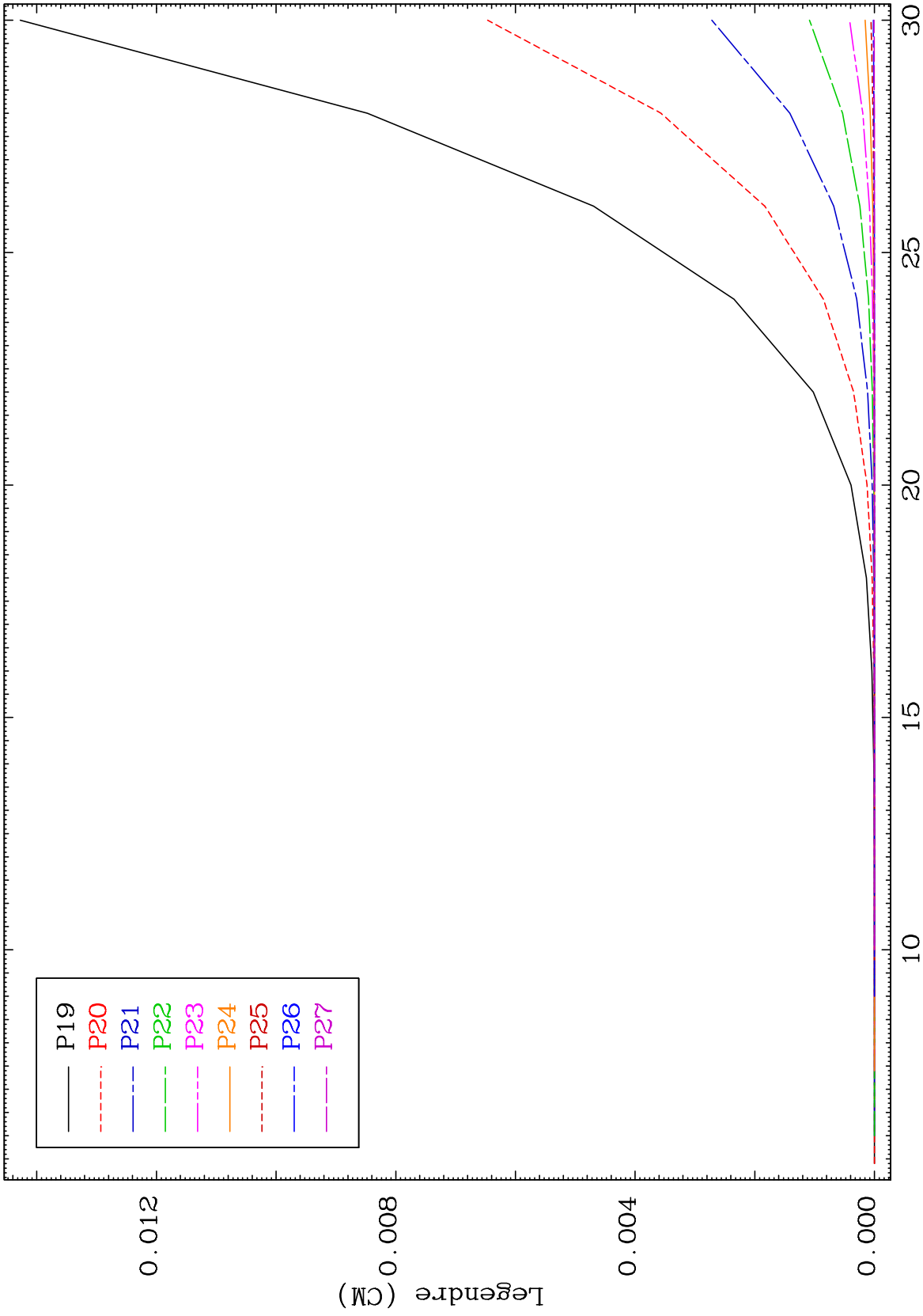
Incident Energy (MeV)

57-La-148

MAT 5755

Elastic Legendre Coefficients

57-La-148



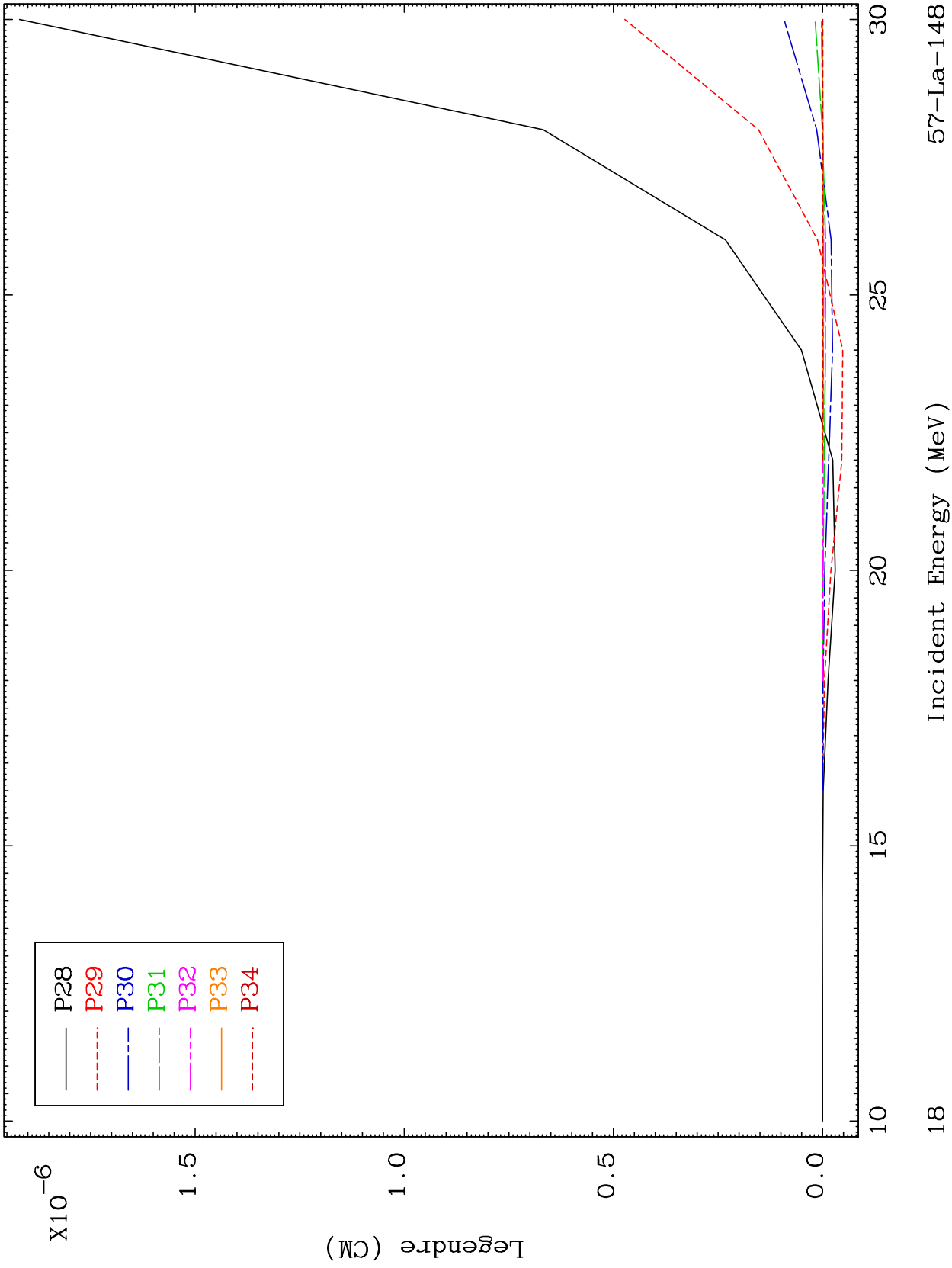
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57-La-148

MAT 5755

Elastic Legendre Coefficients

57-La-148



18

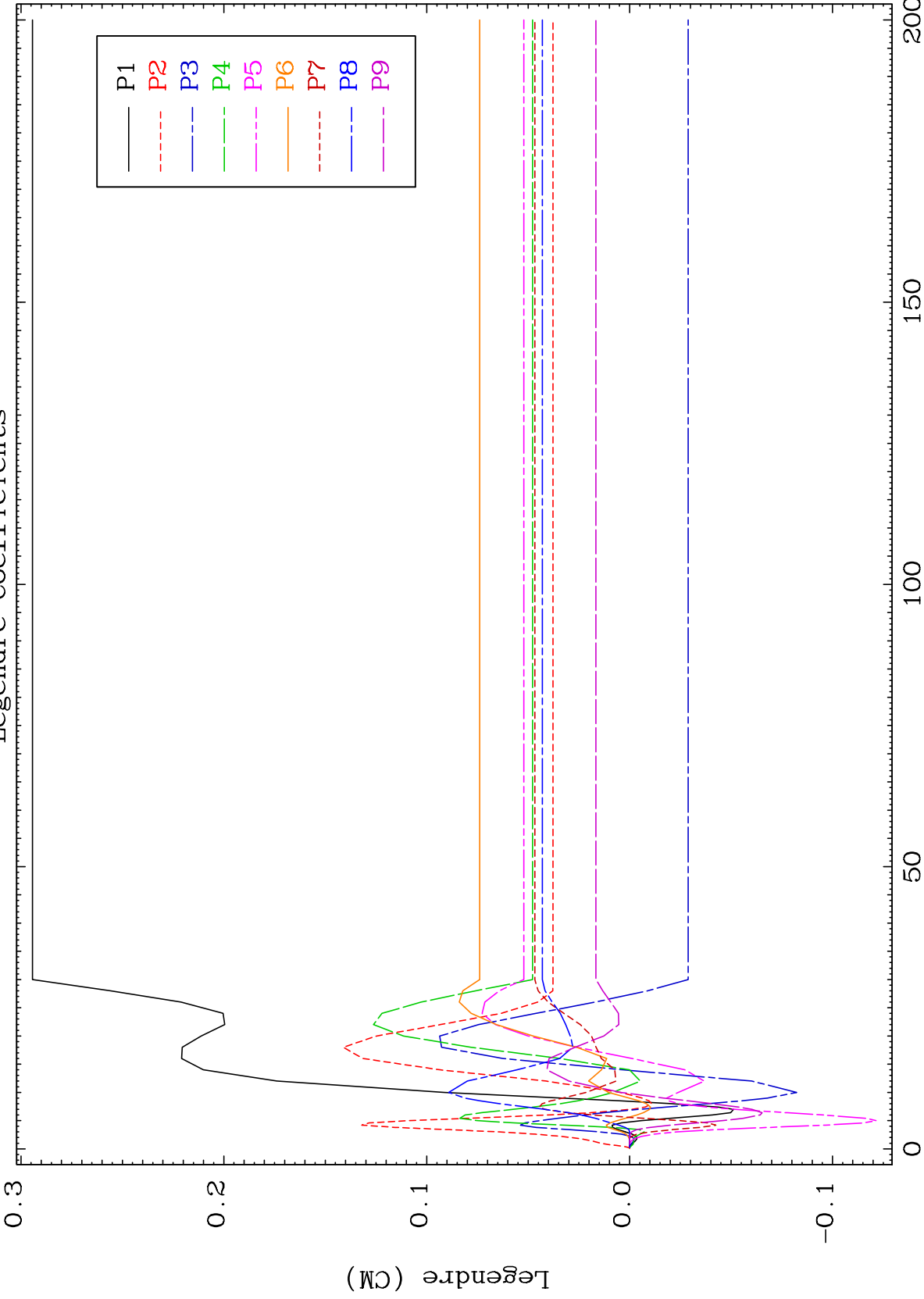
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



19

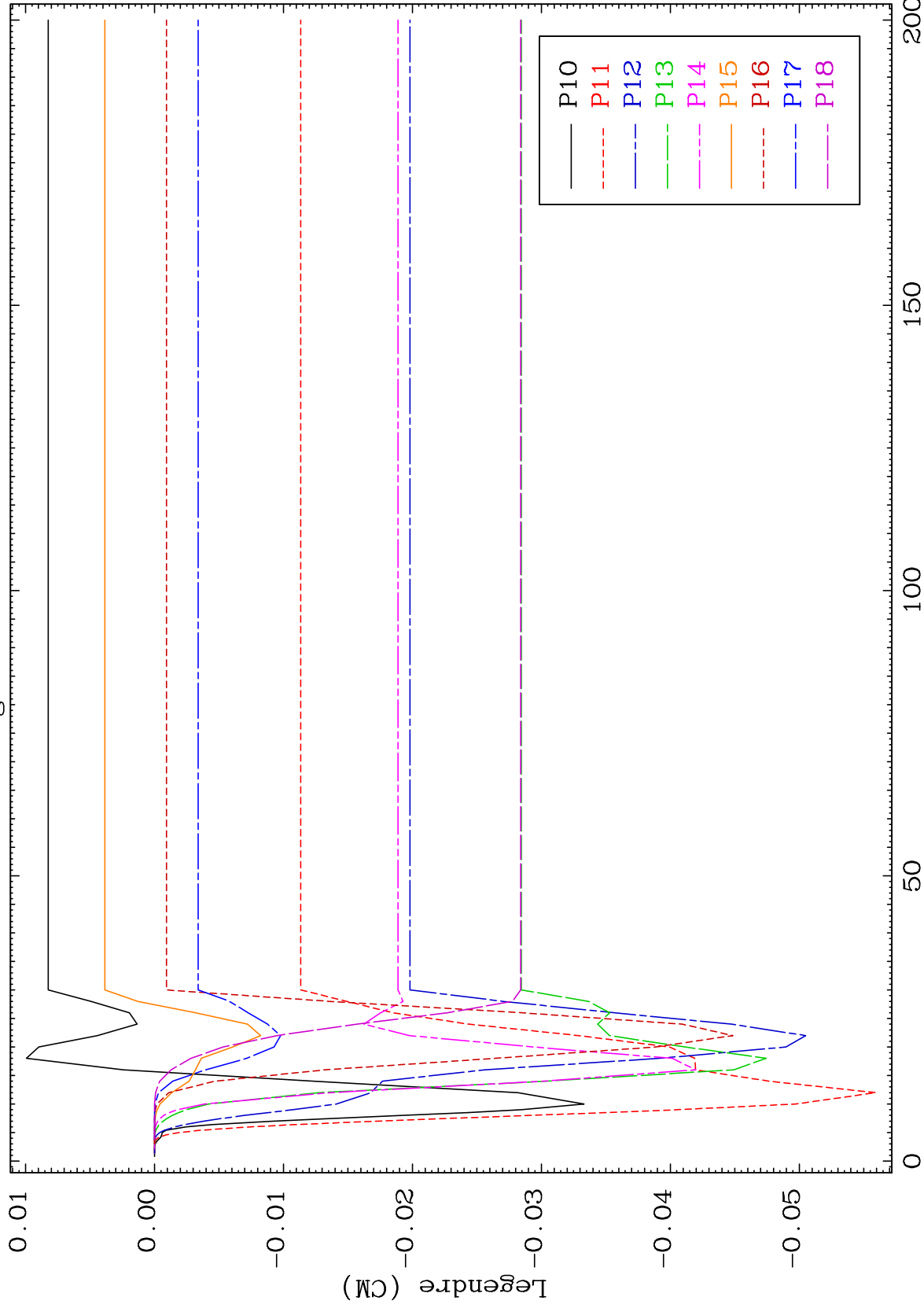
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

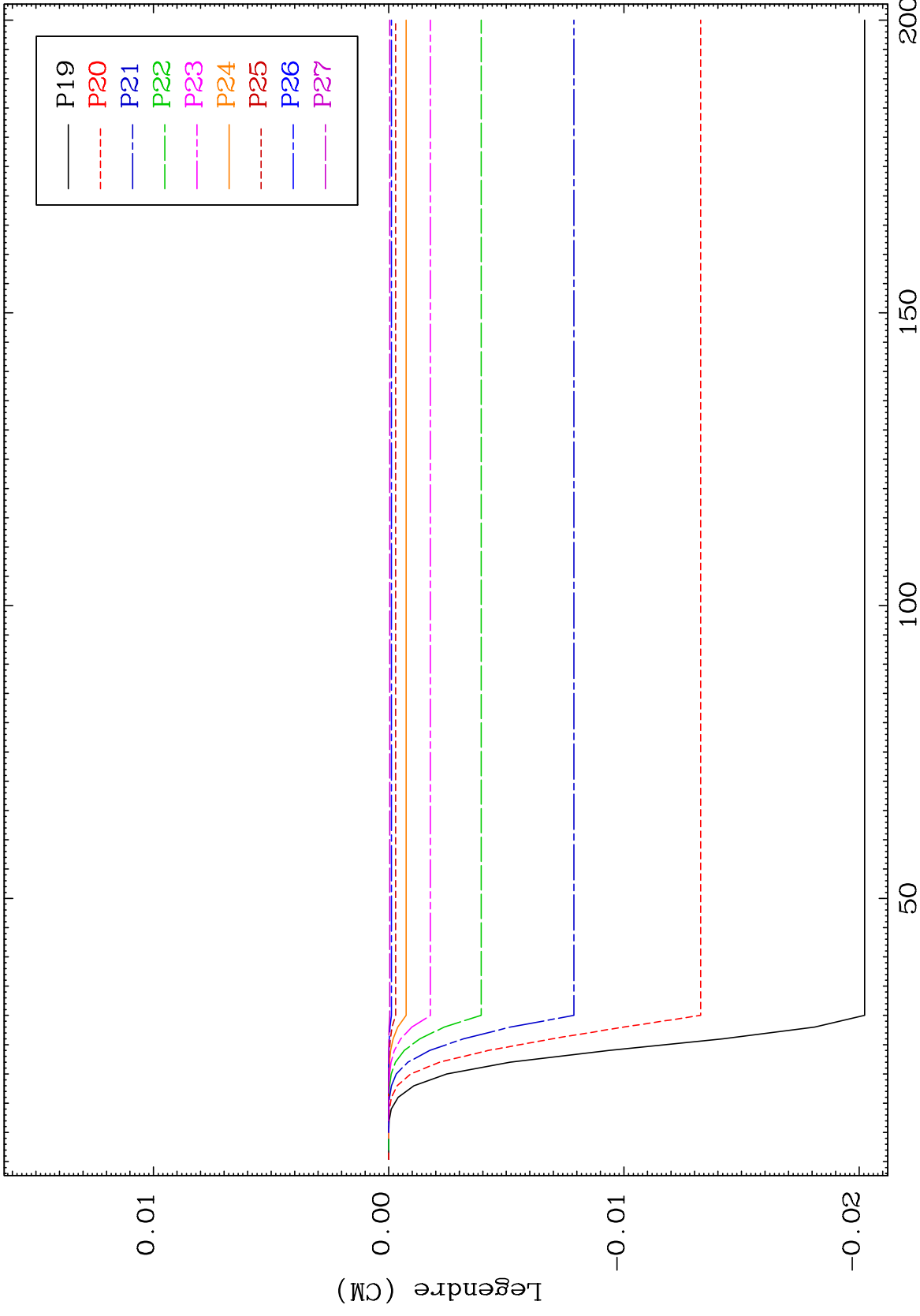
Incident Energy (MeV)

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MAT 5755

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

57-La-148



21

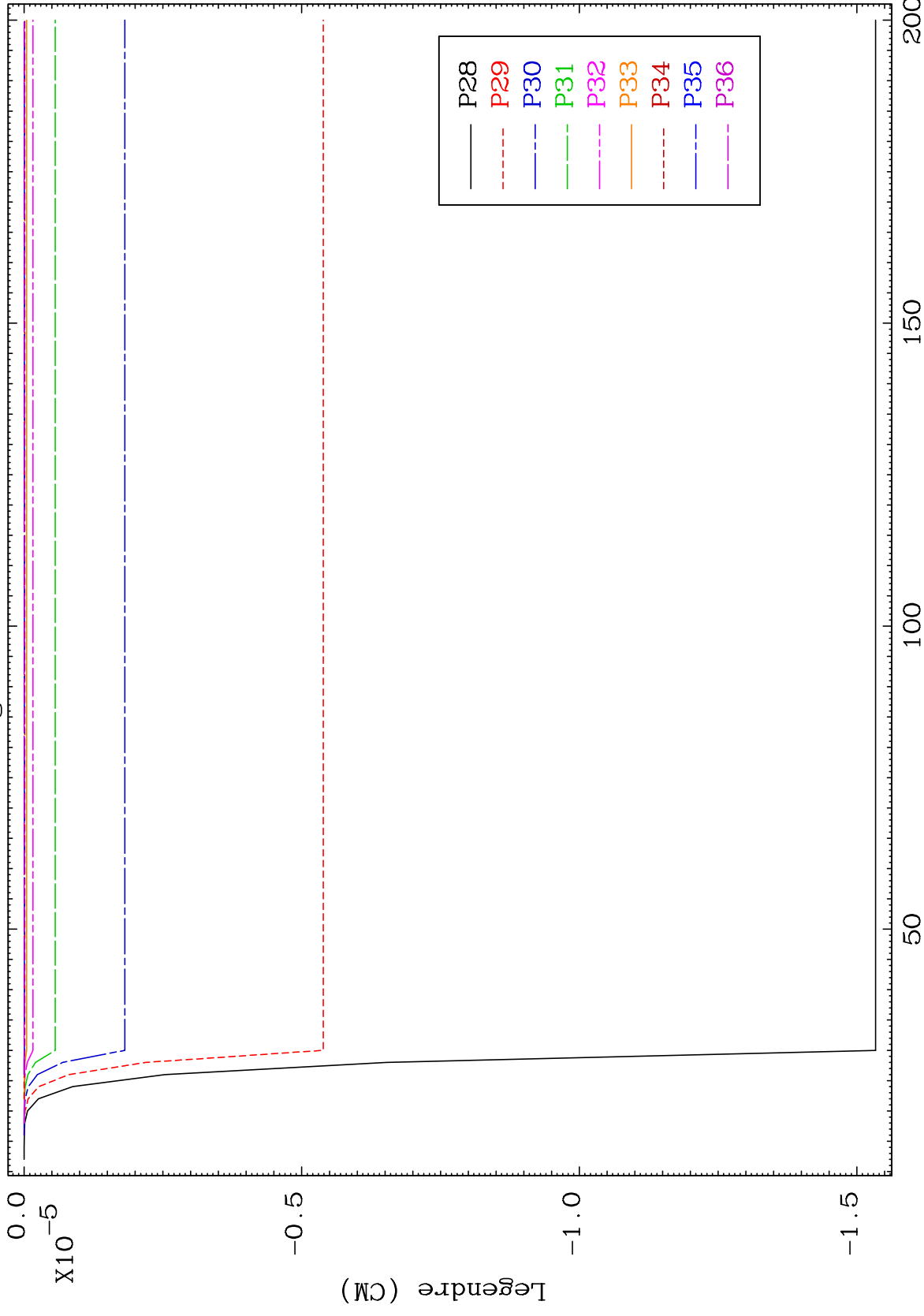
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

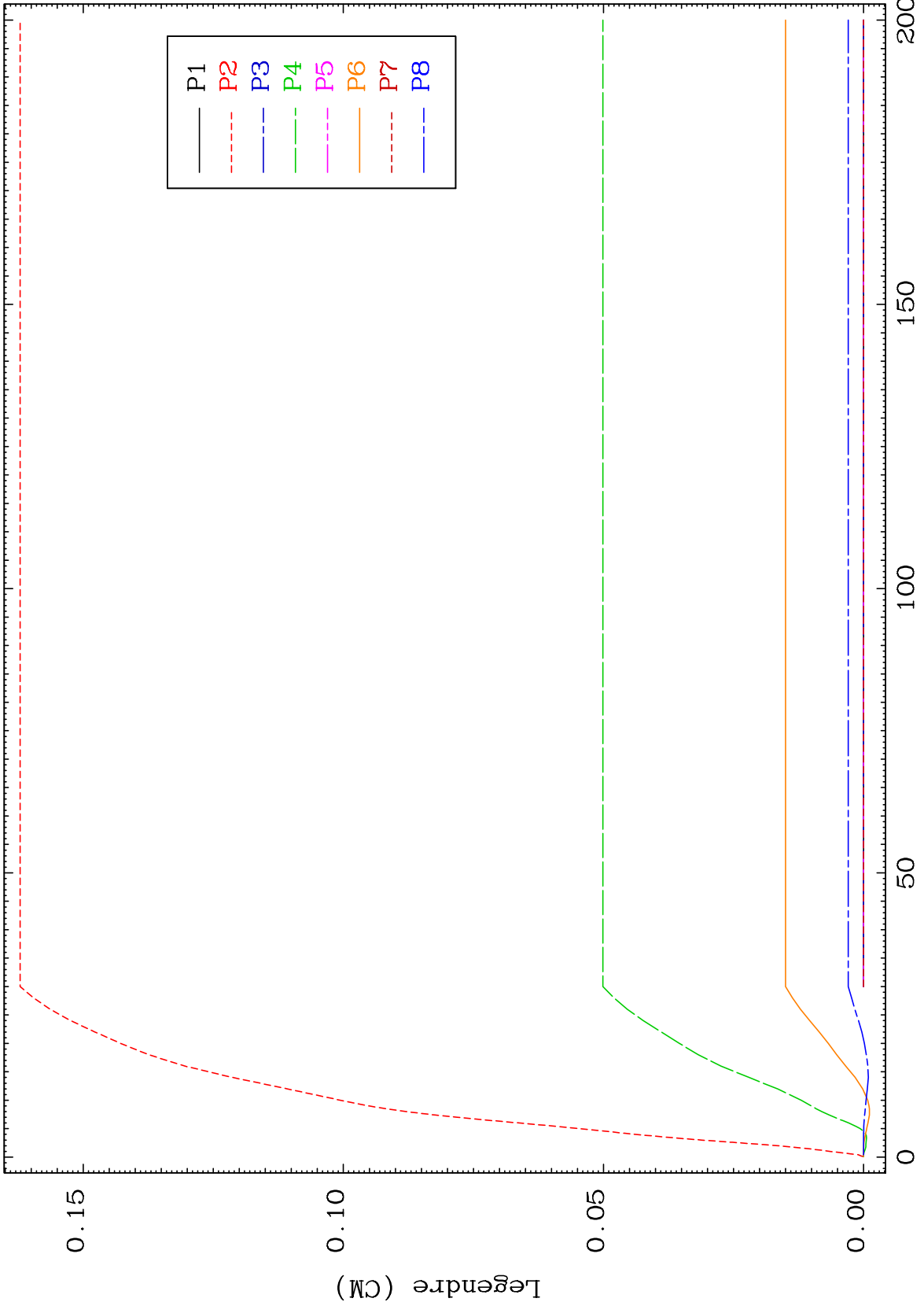
Incident Energy (MeV)

22

MAT 5755

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

57-La-148



23

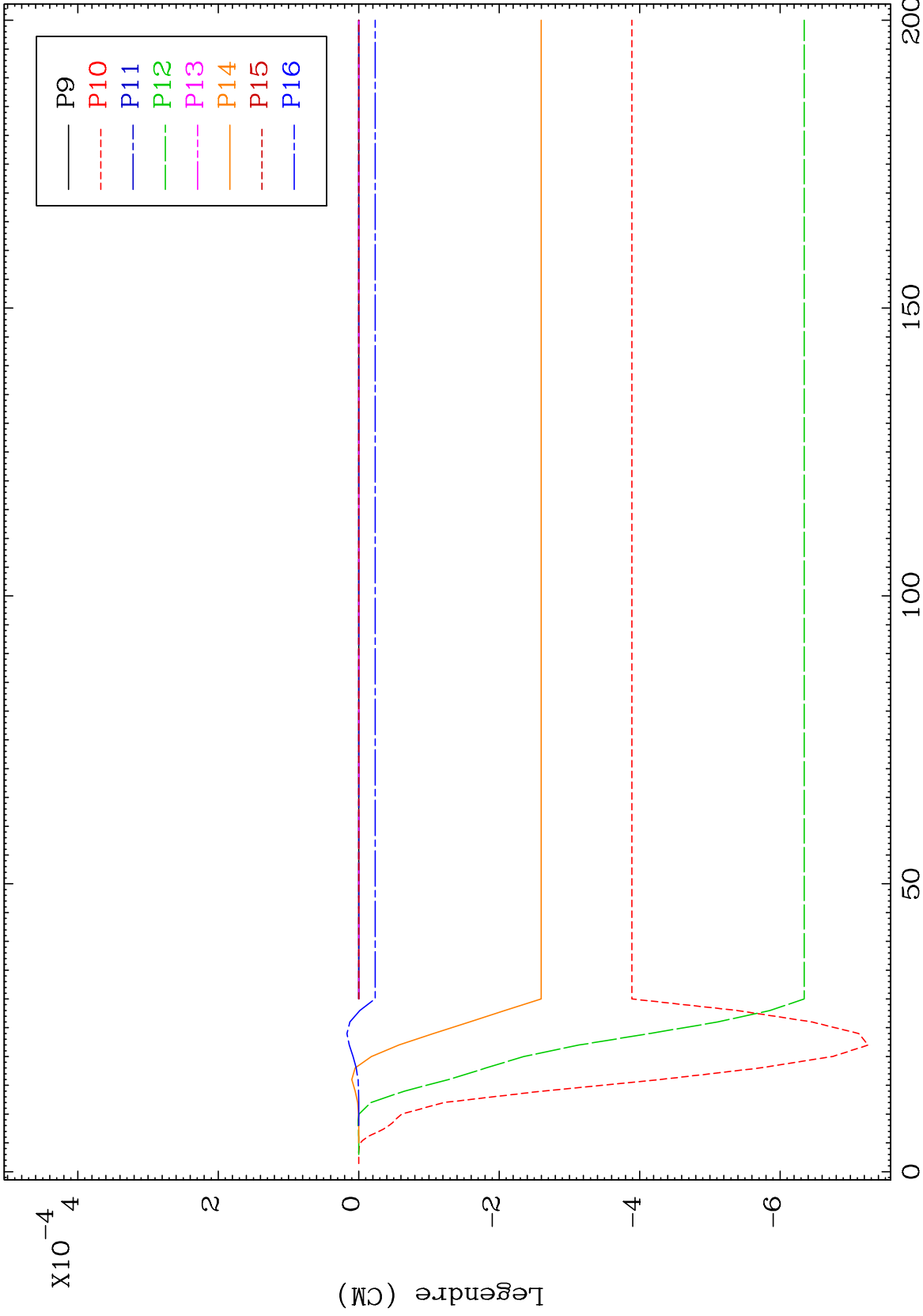
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



24

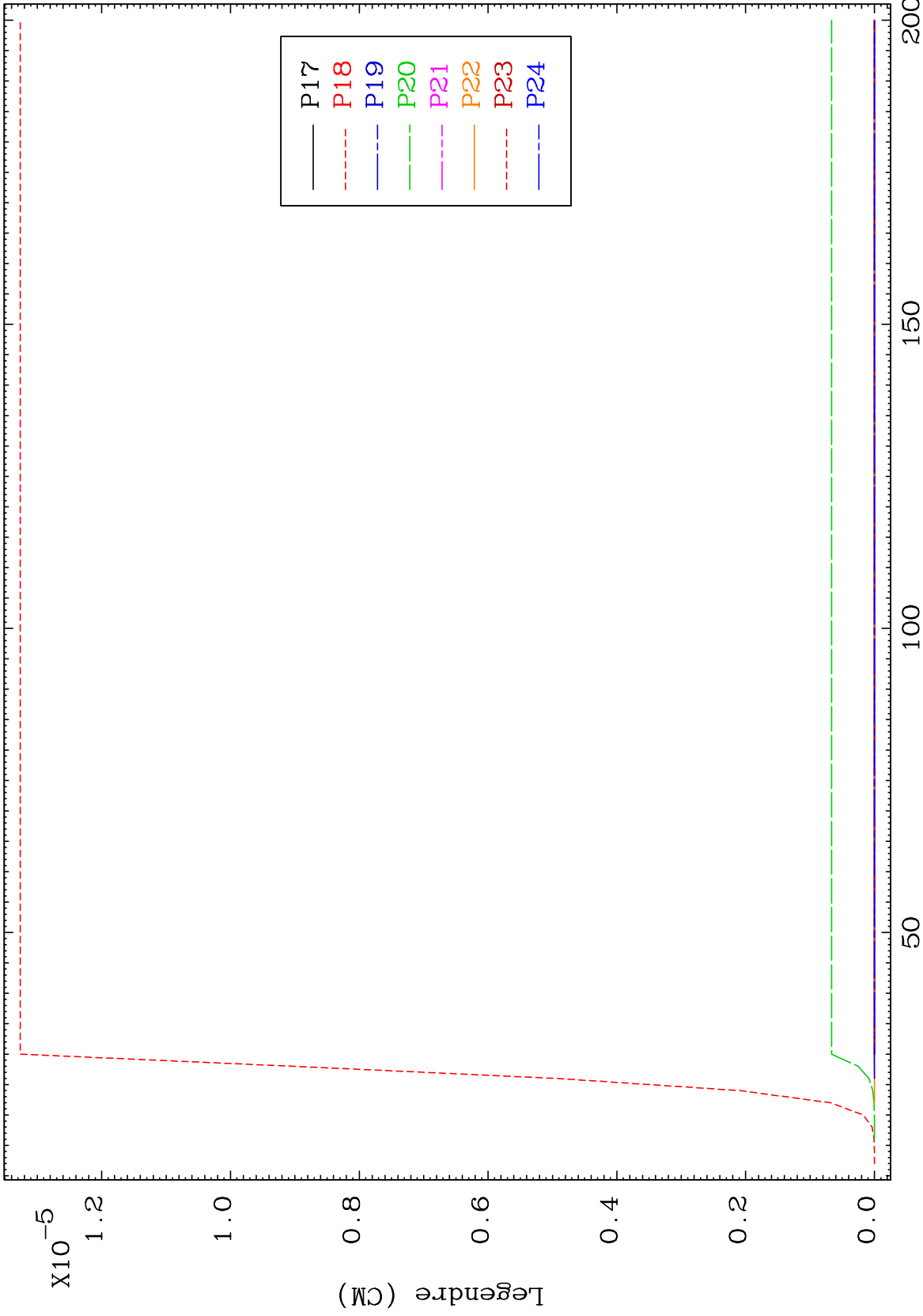
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



25

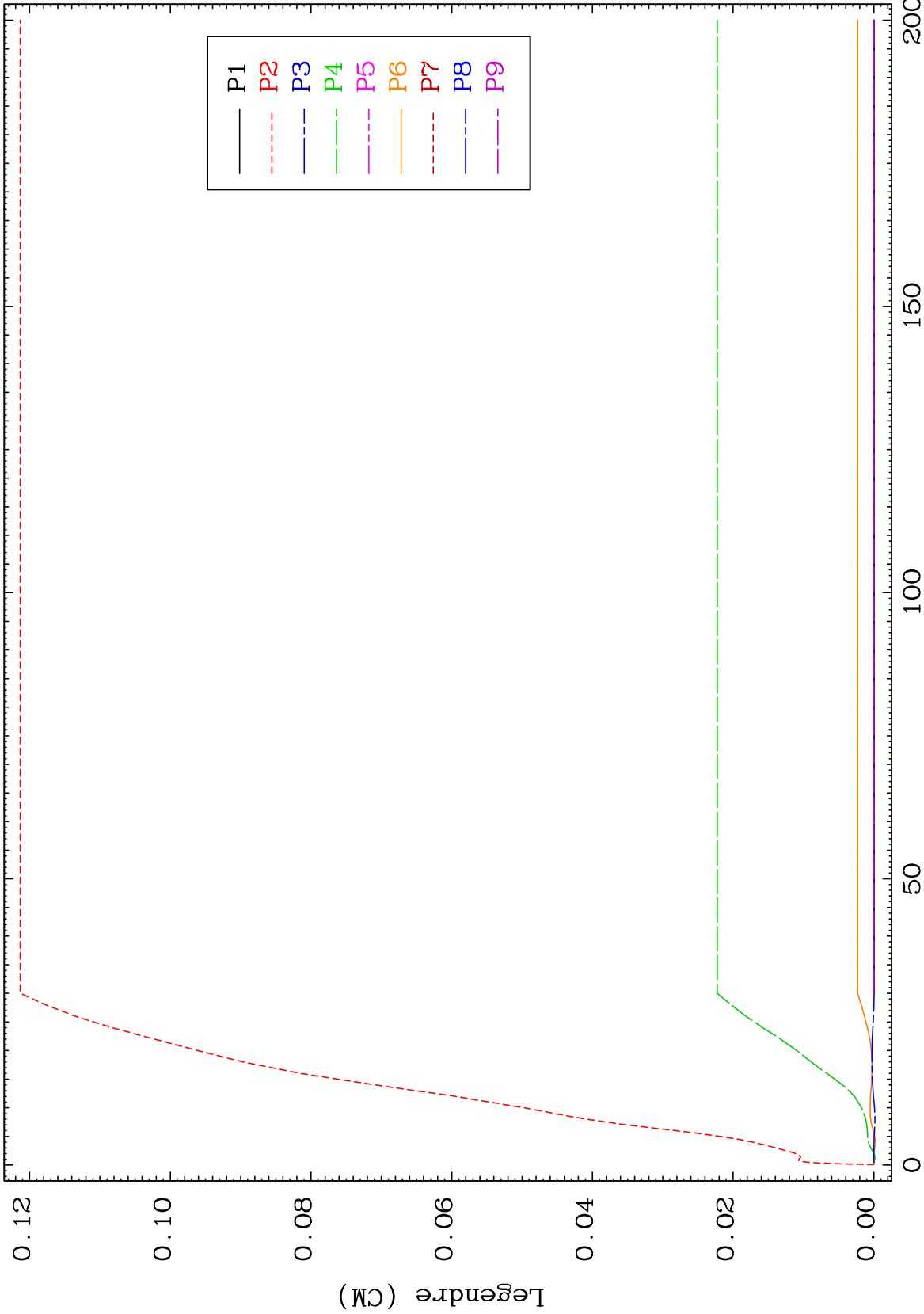
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



26

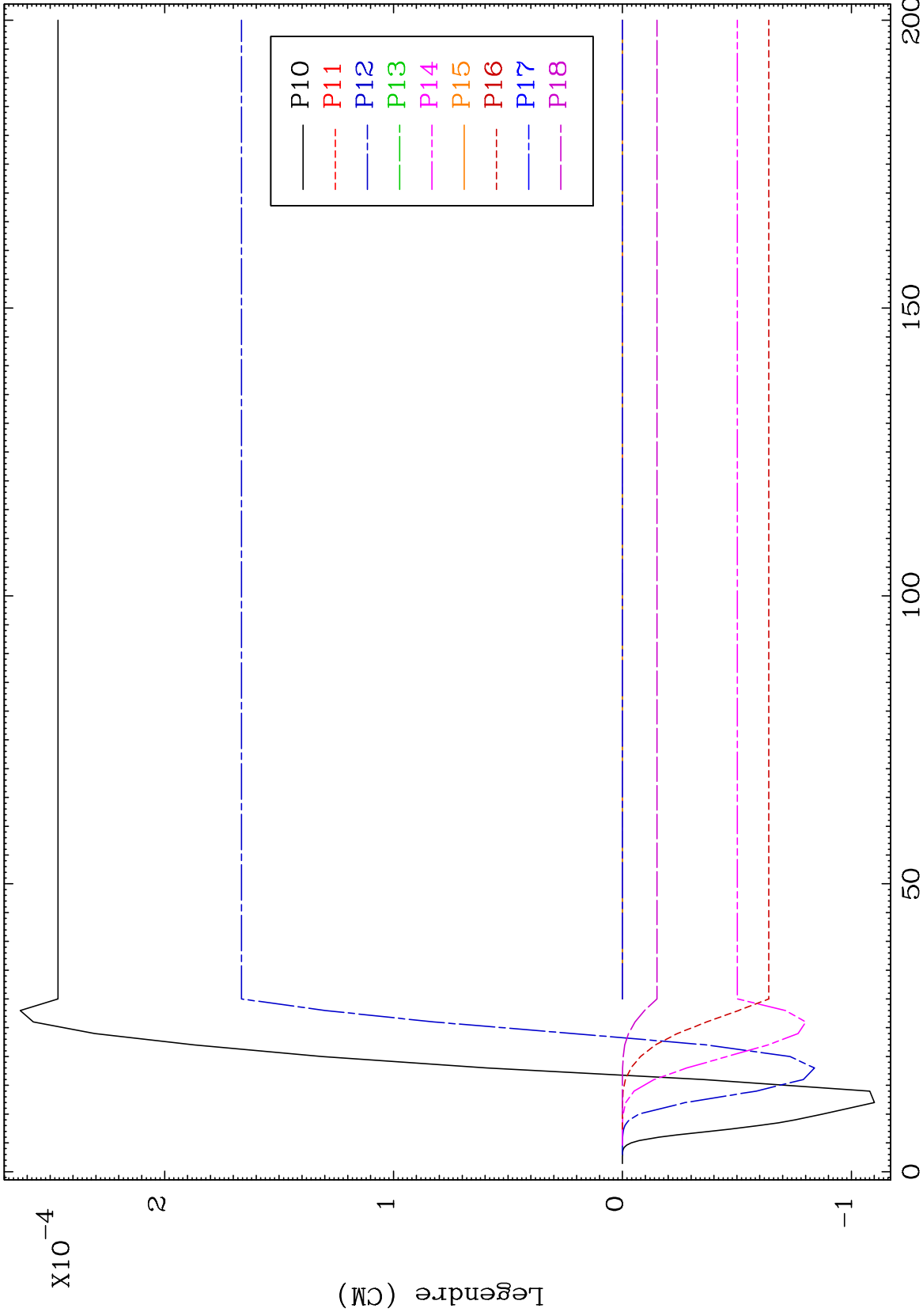
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



27

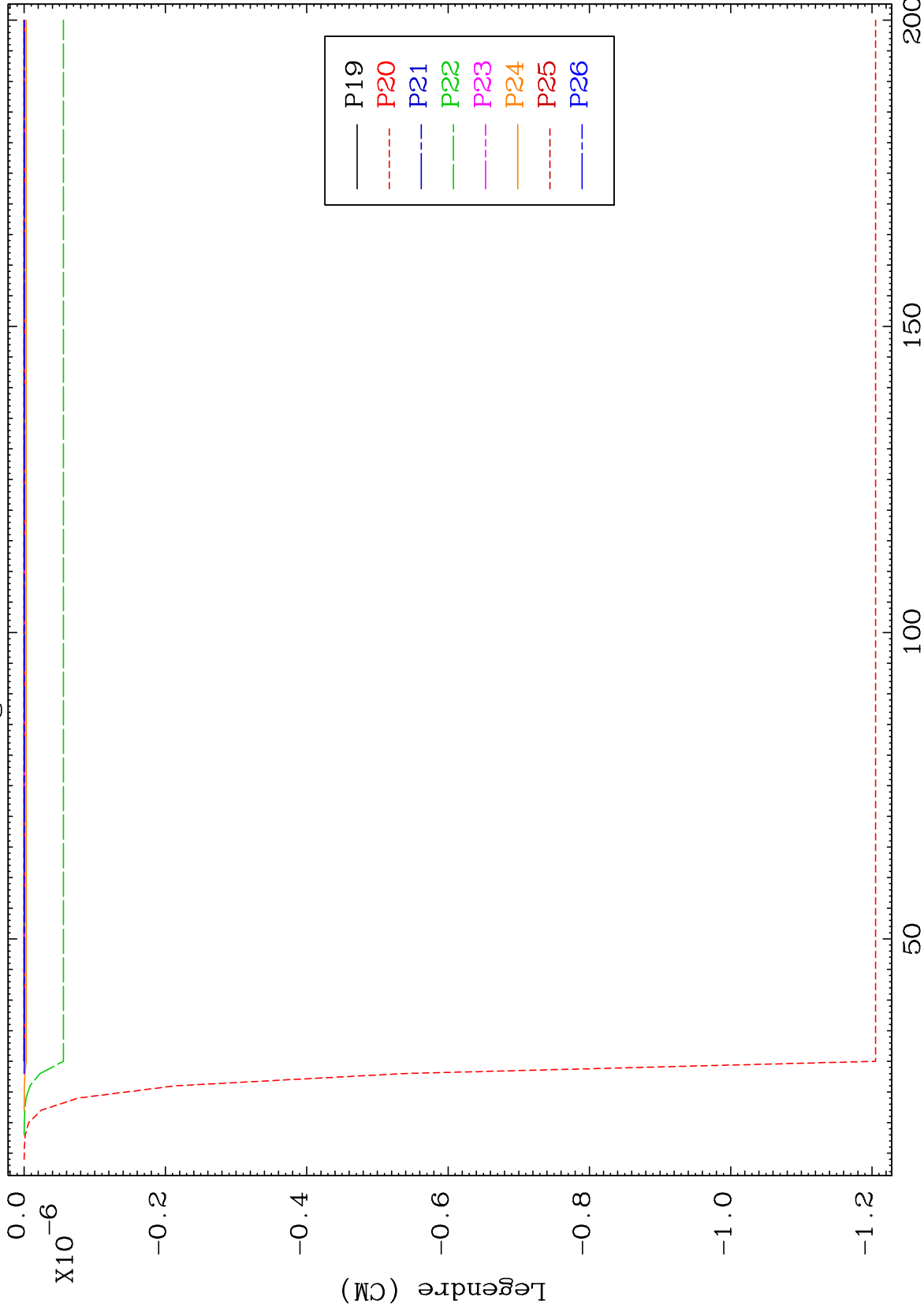
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



28

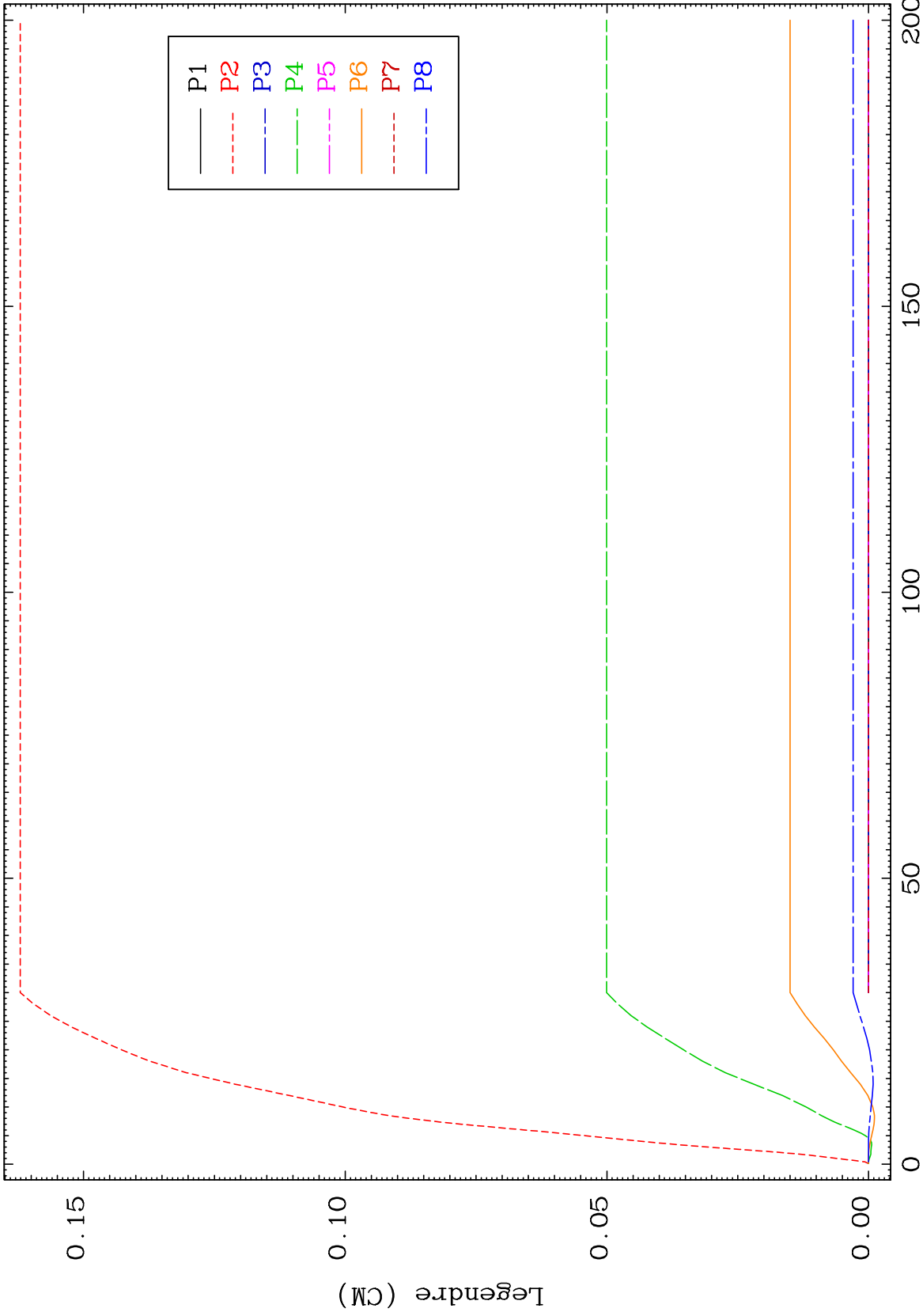
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



29

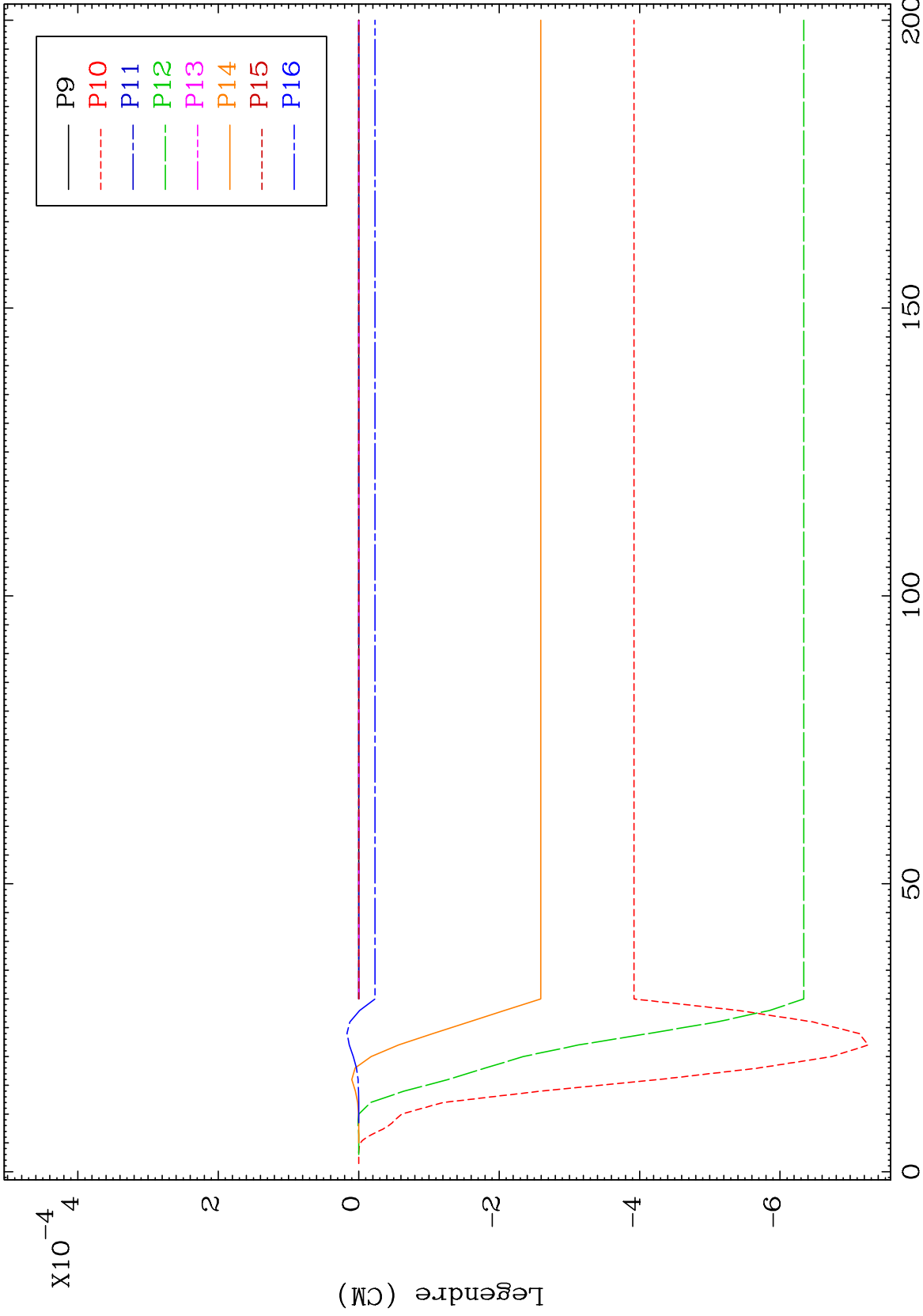
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



30

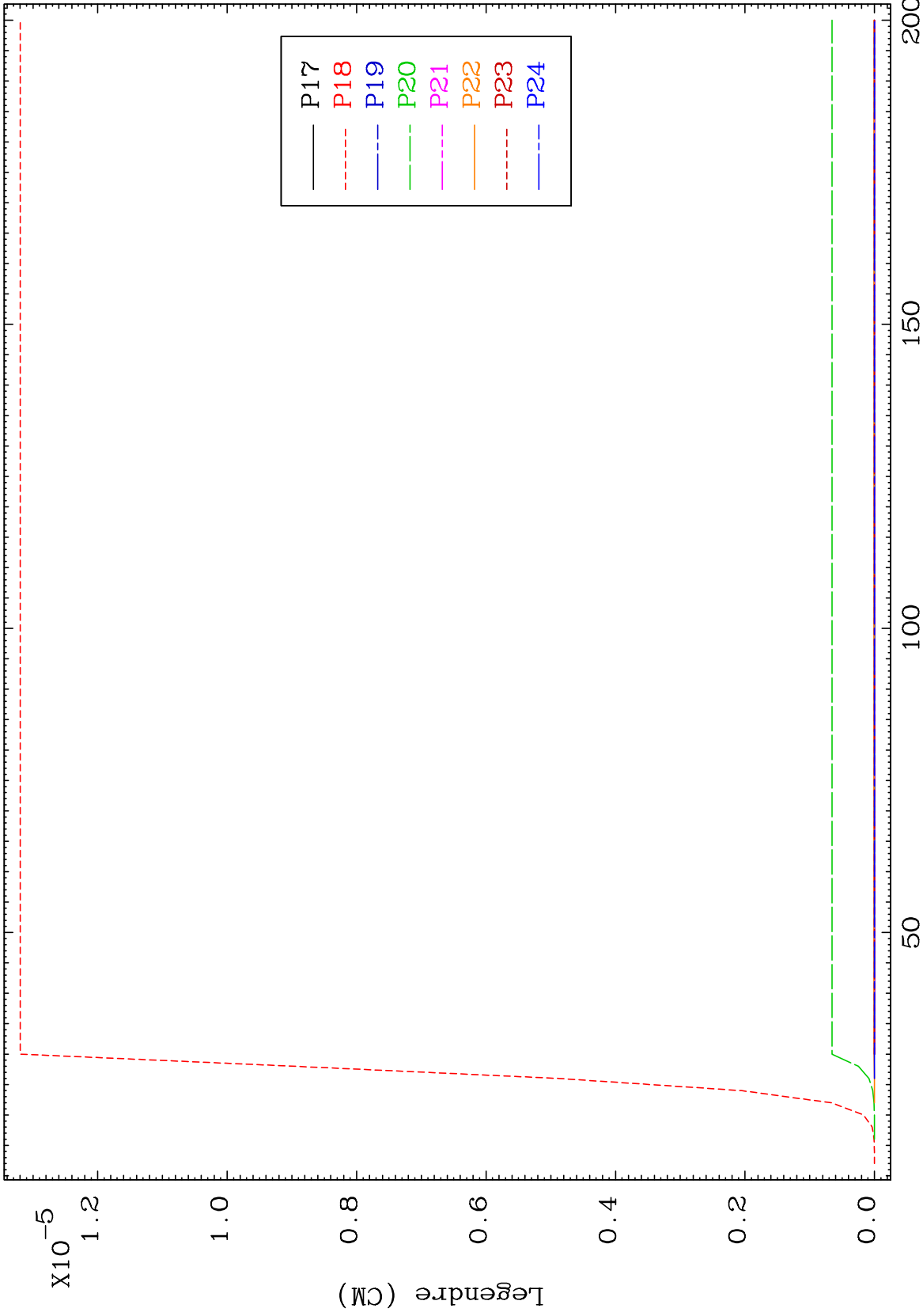
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



31

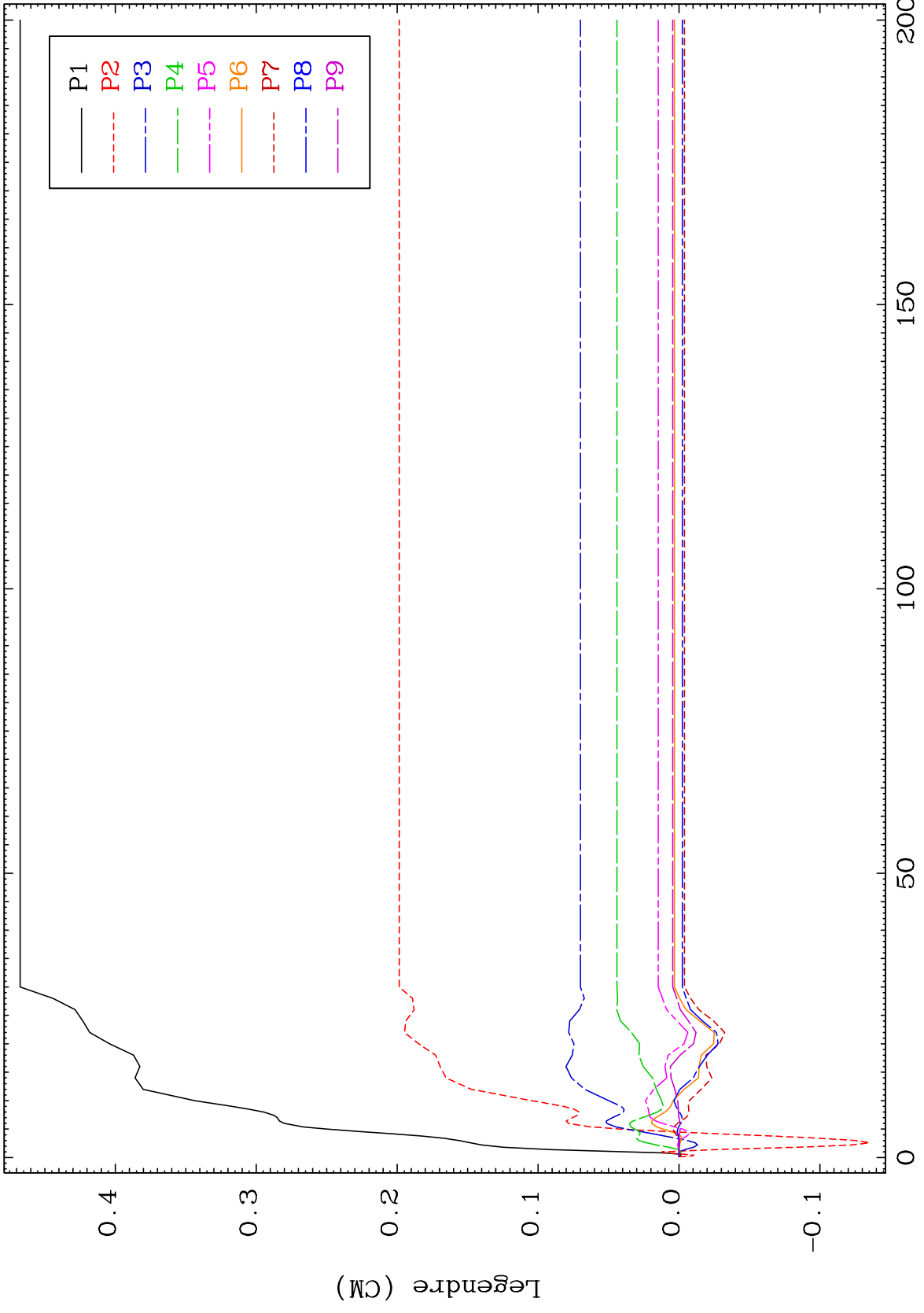
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



32

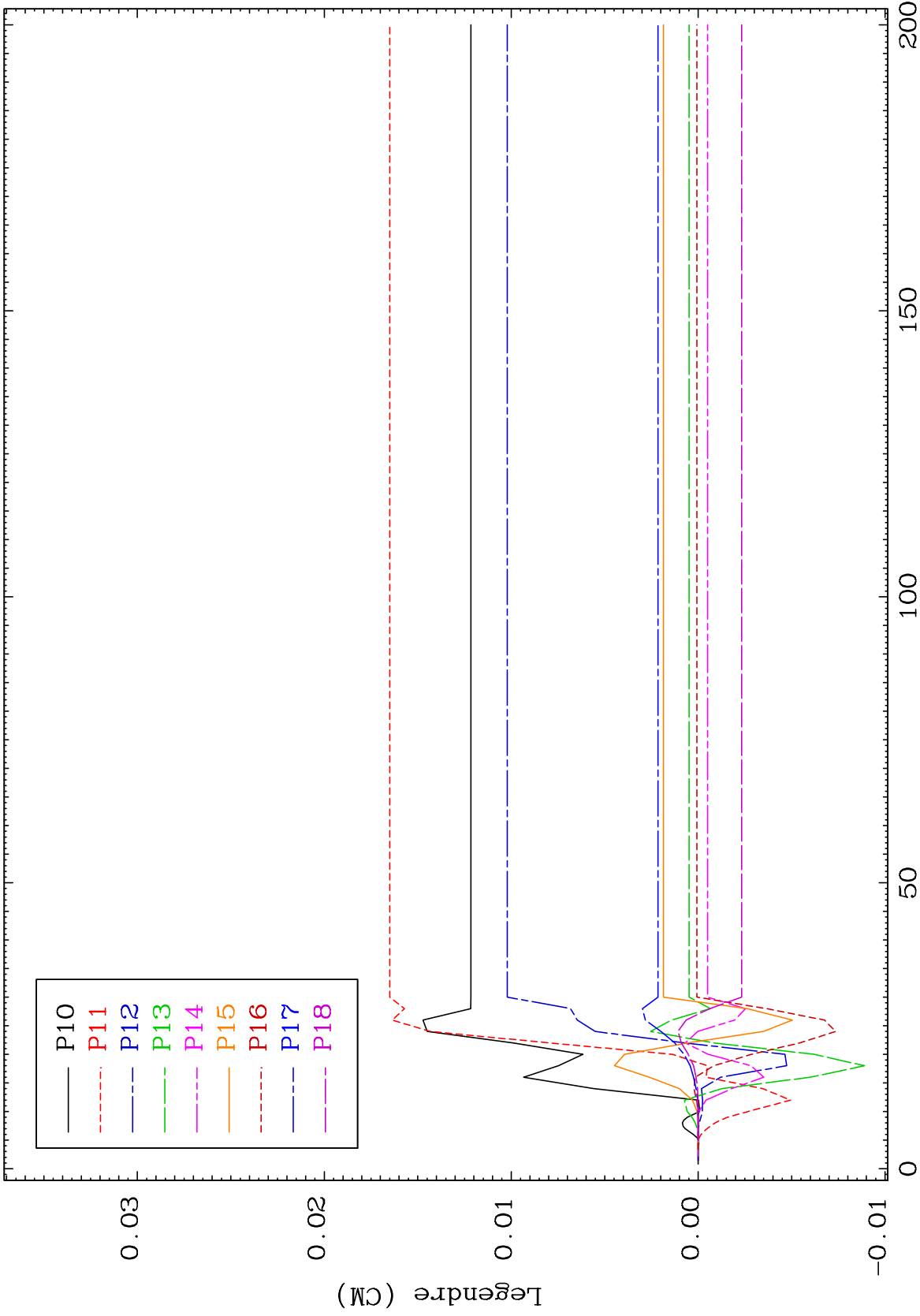
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



33

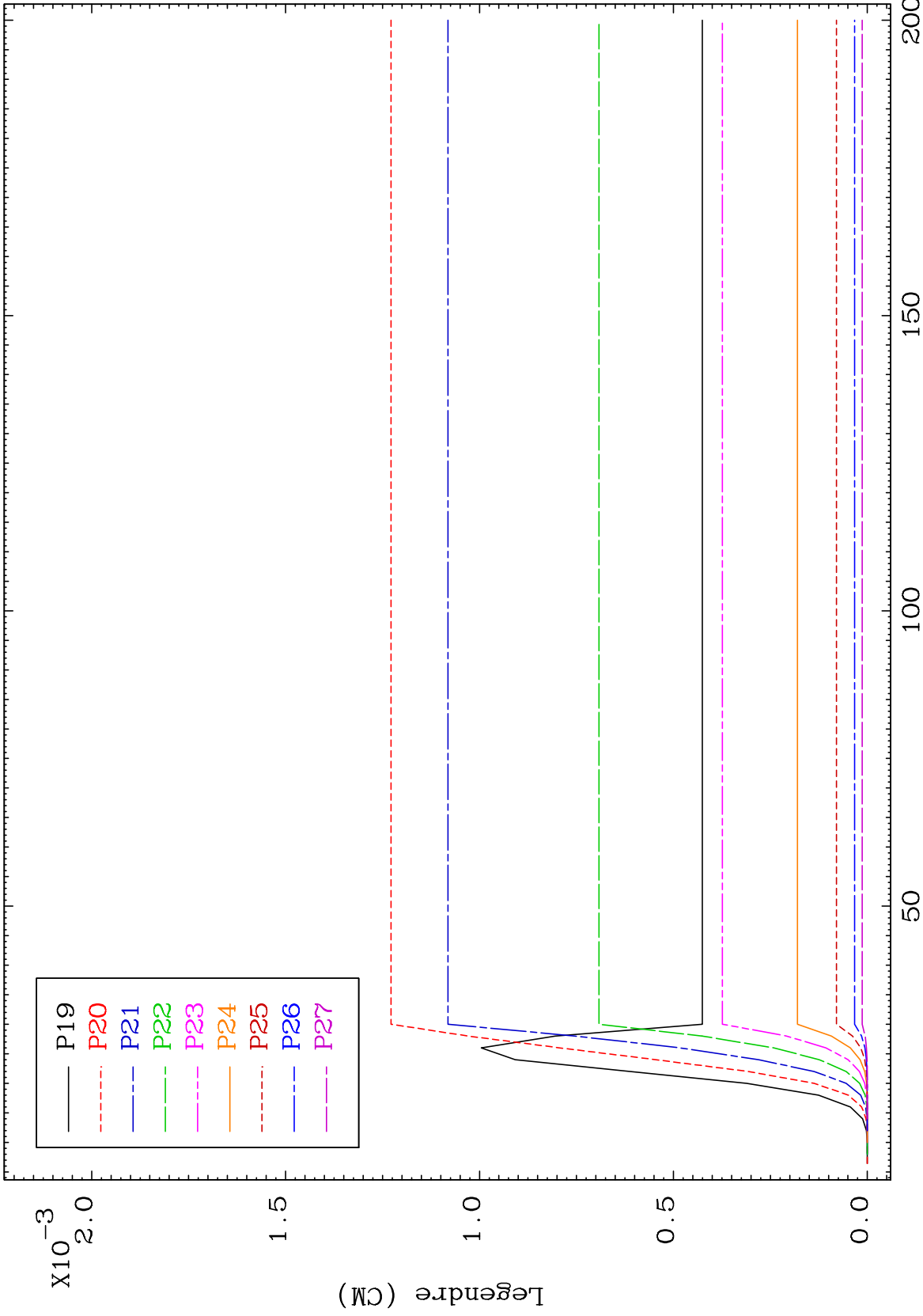
Incident Energy (MeV)

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MAT 5755

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

57-La-148



34

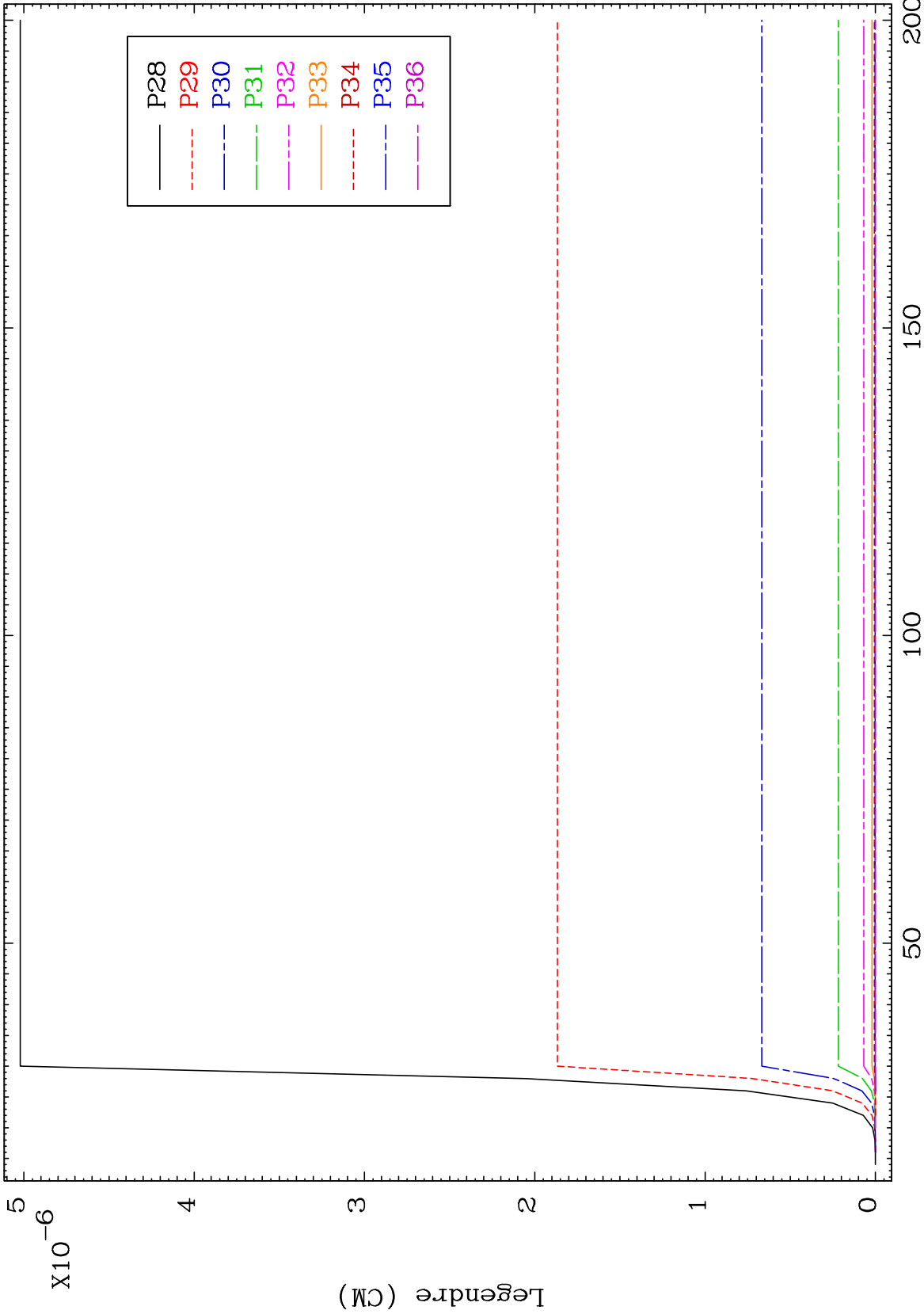
Incident Energy (MeV)

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MAT 5755

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

57-La-148



35

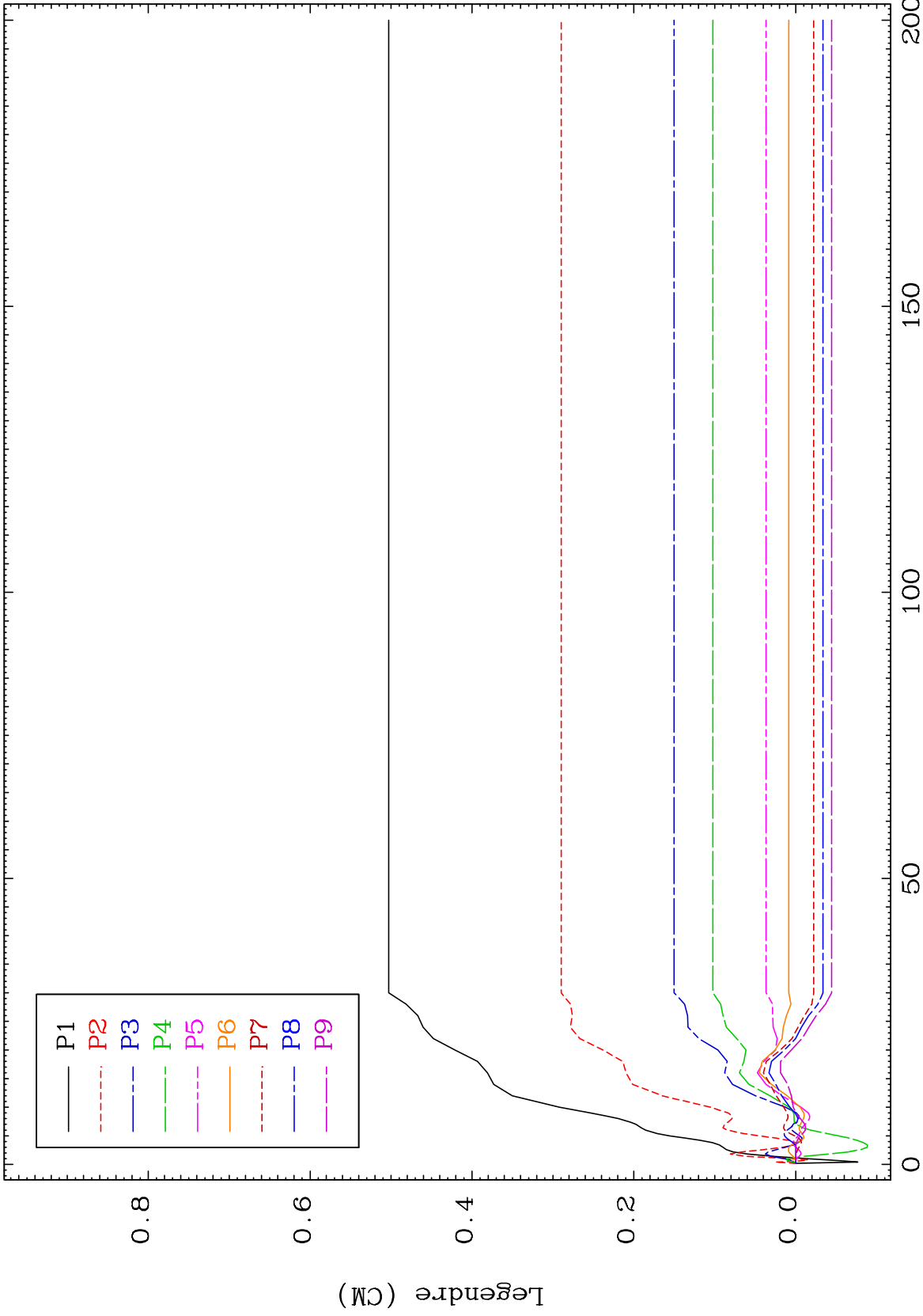
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



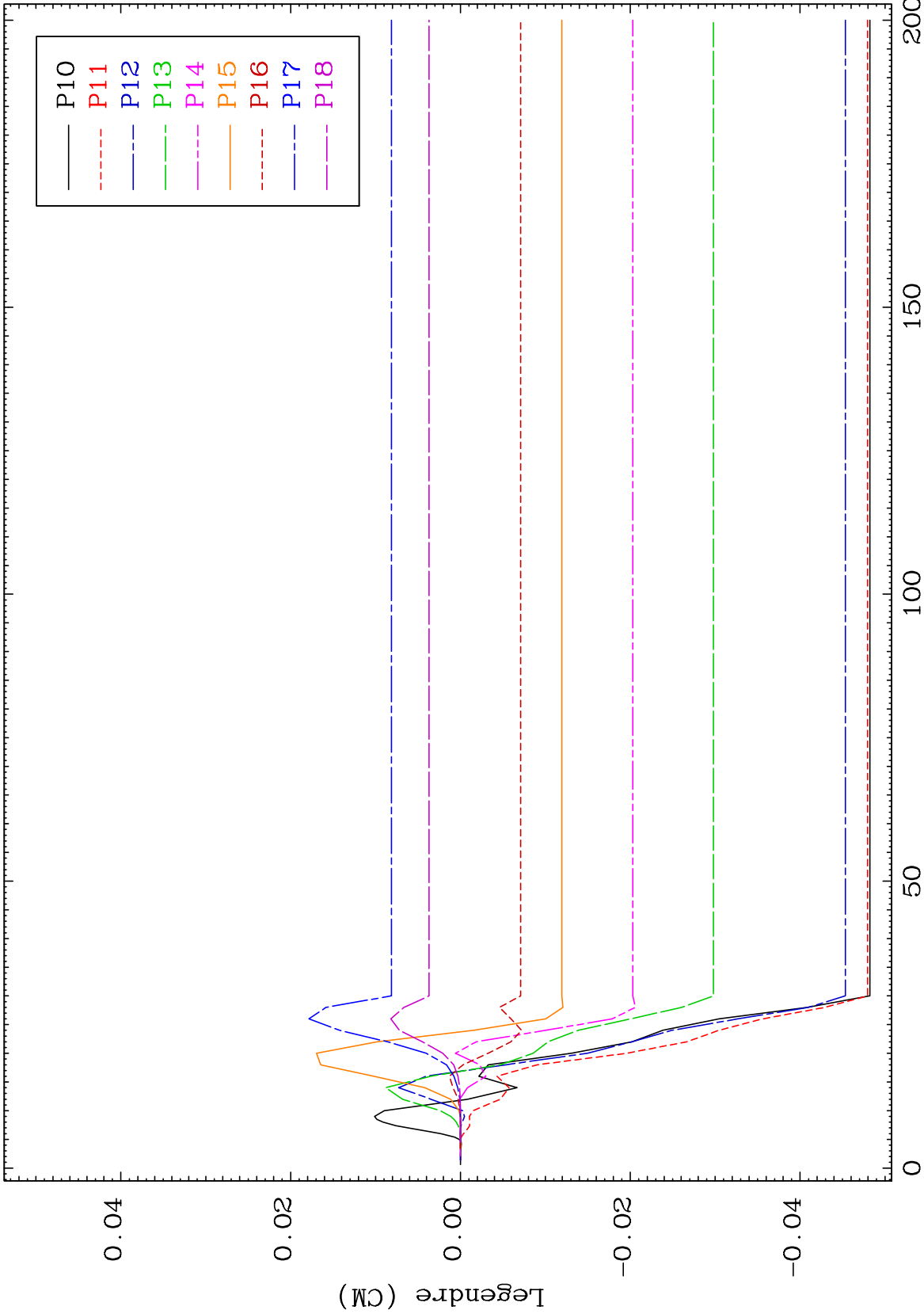
36

57-La-148

MAT 5755

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

57-La-148



37

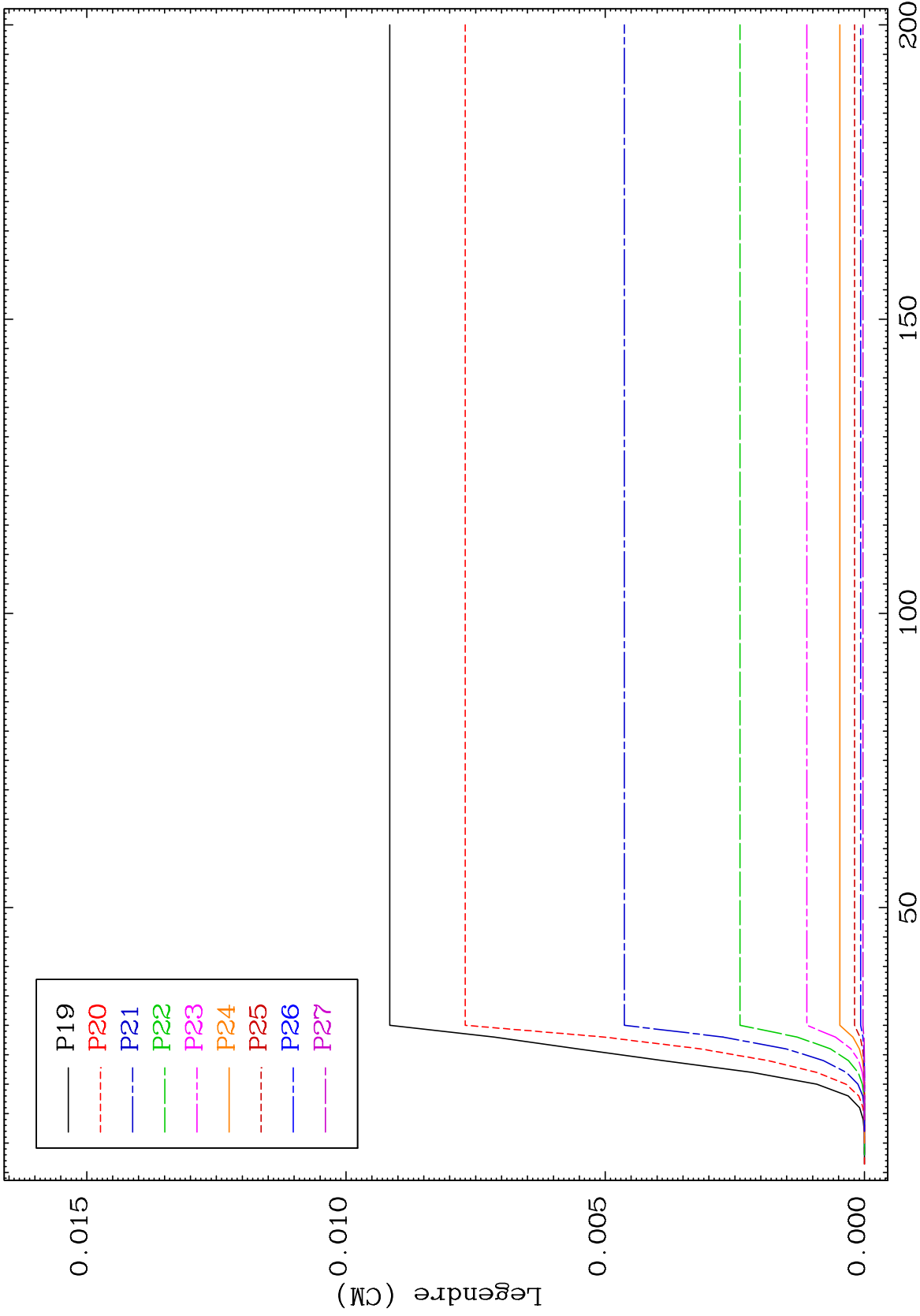
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



38

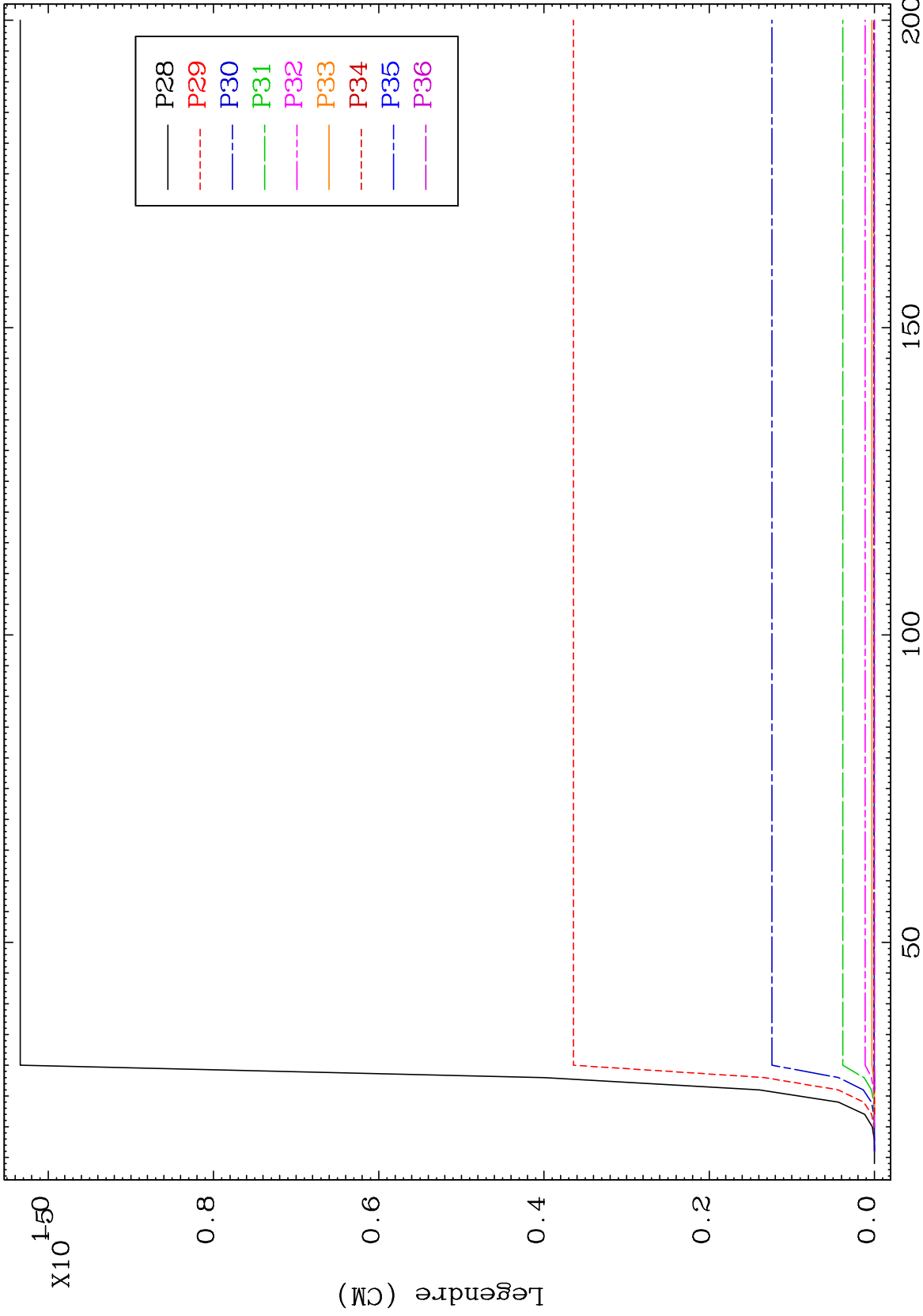
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



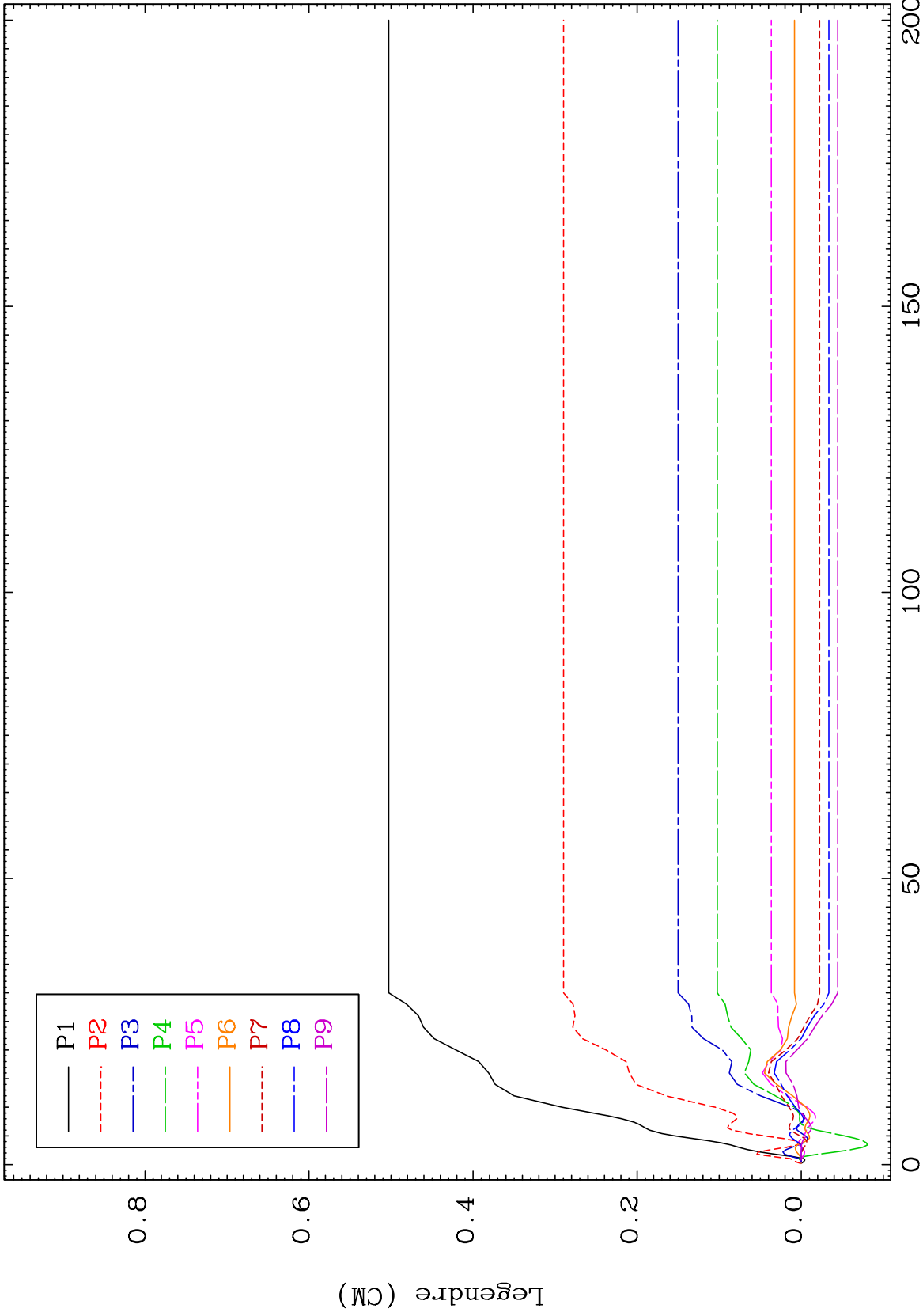
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57-La-148

MAT 5755

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

57-La-148



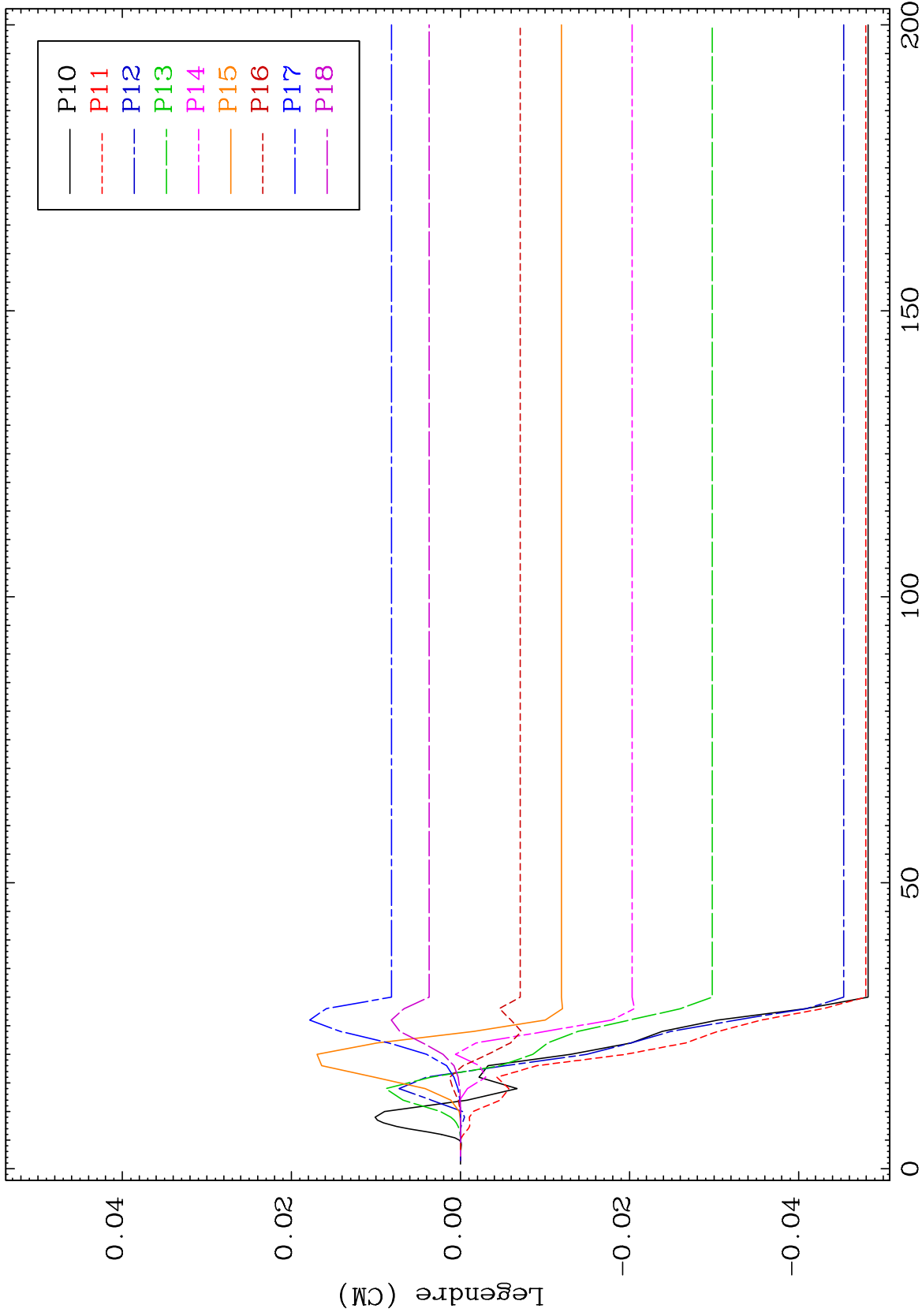
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Incident Energy (MeV)

MAT 5755

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

57-La-148



41

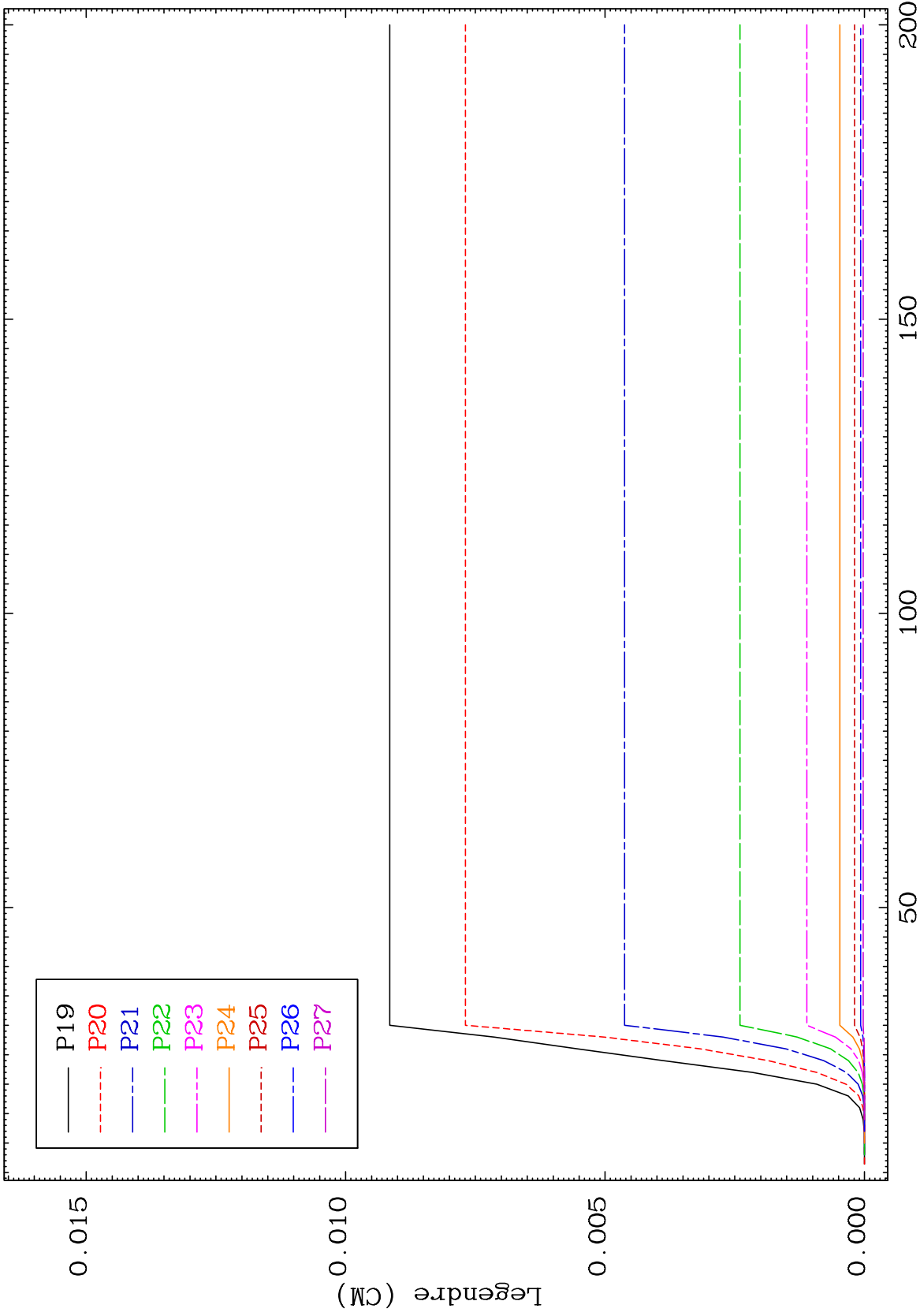
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



42

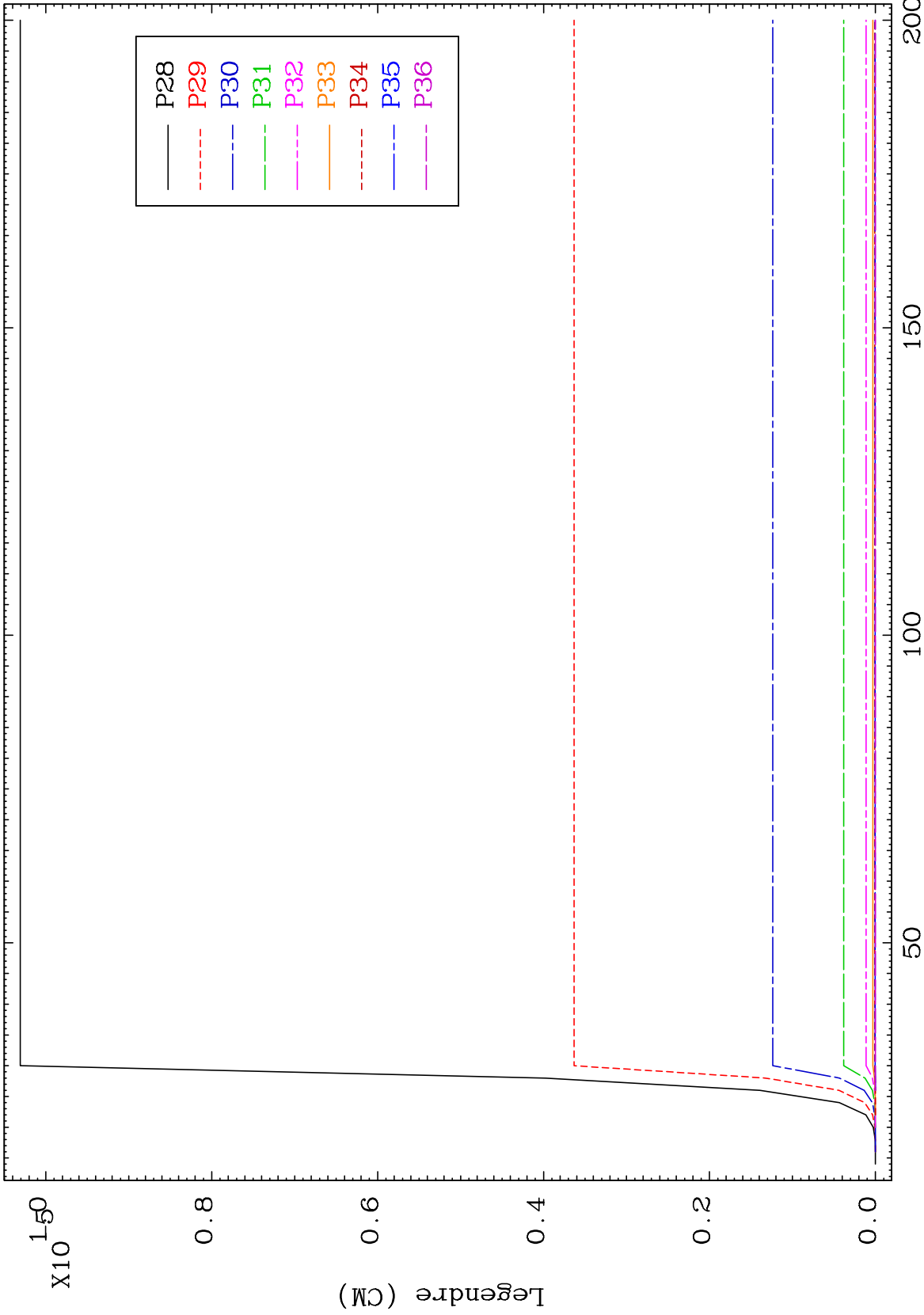
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



43

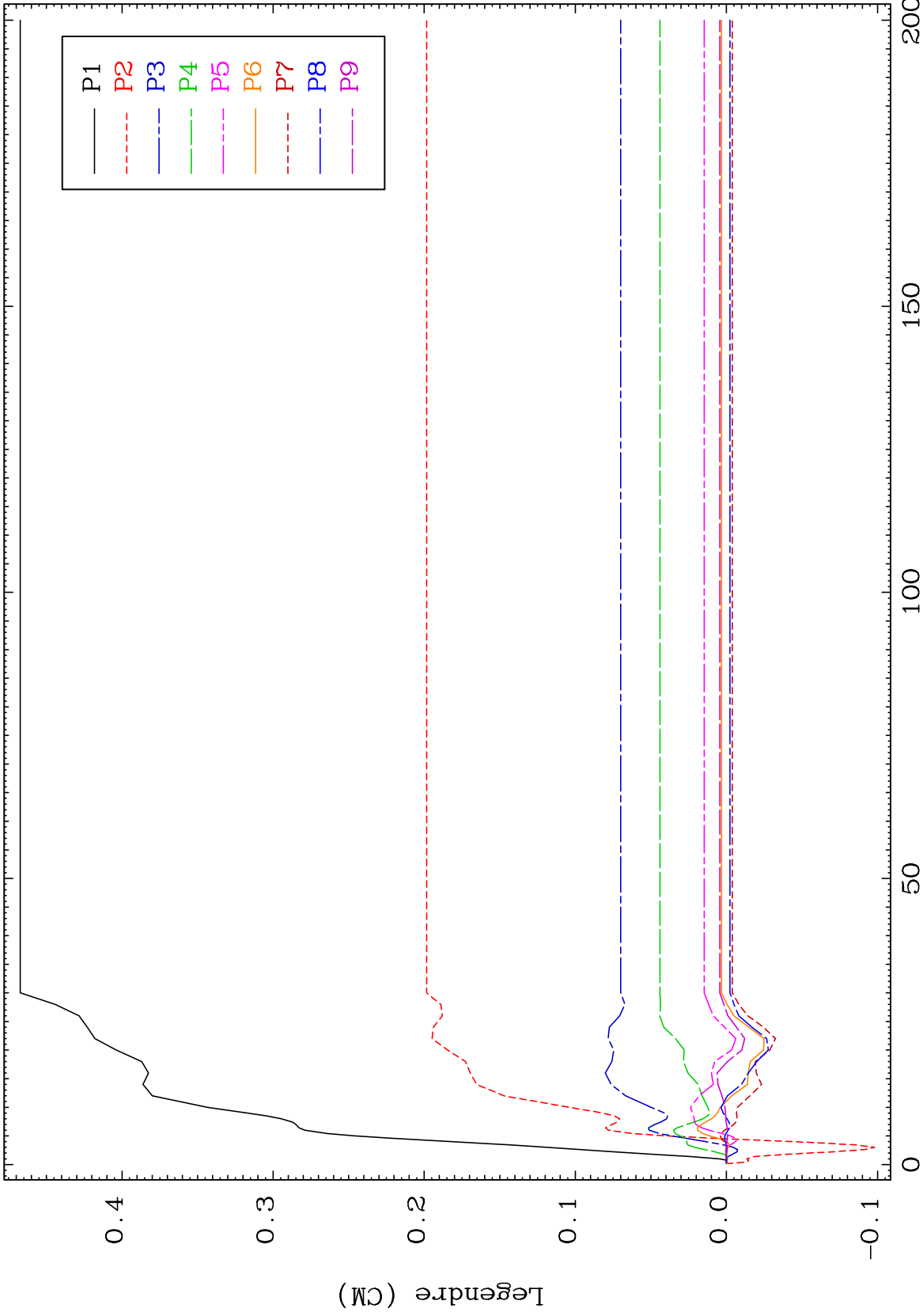
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



44

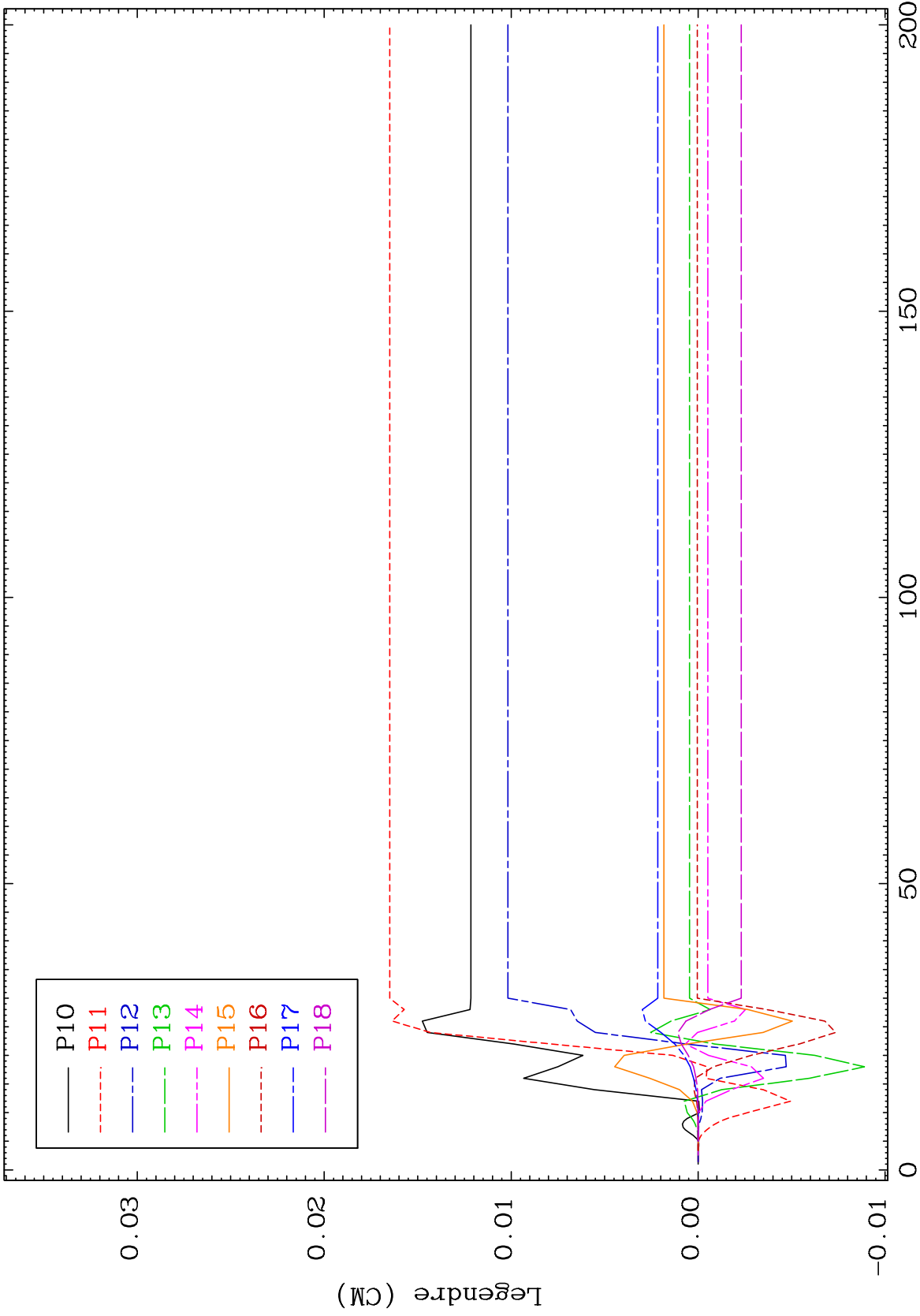
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



45

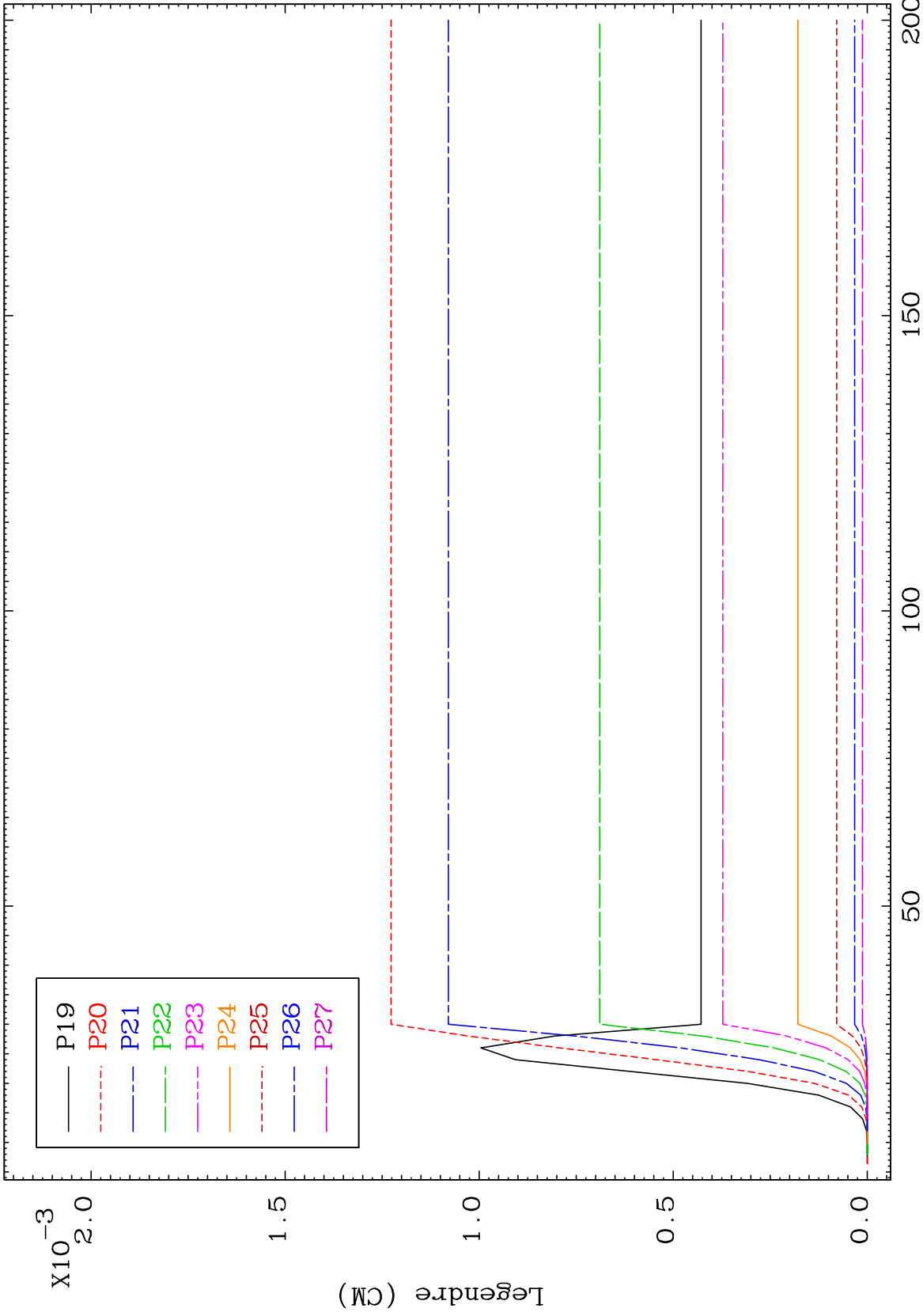
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



46

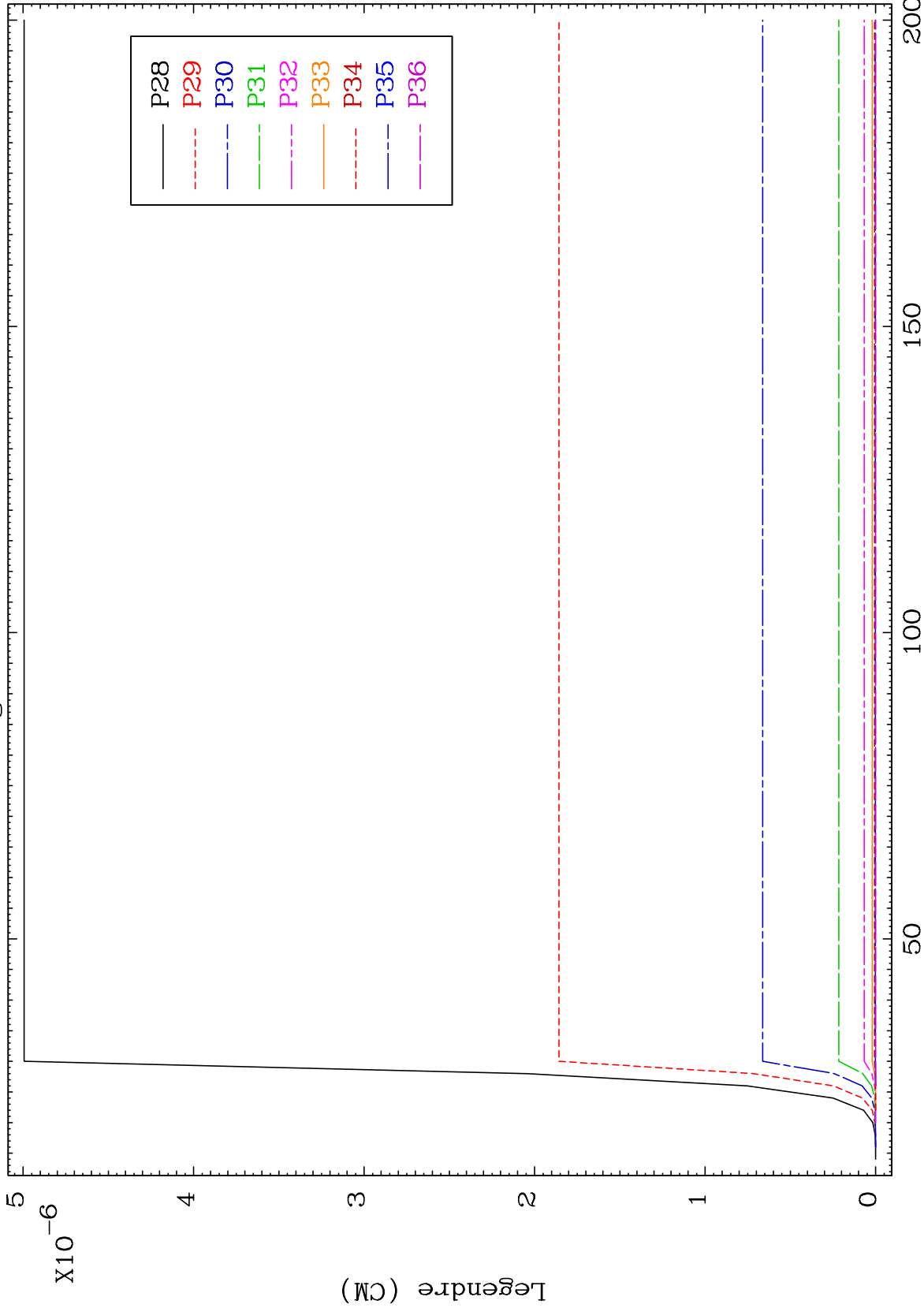
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



47

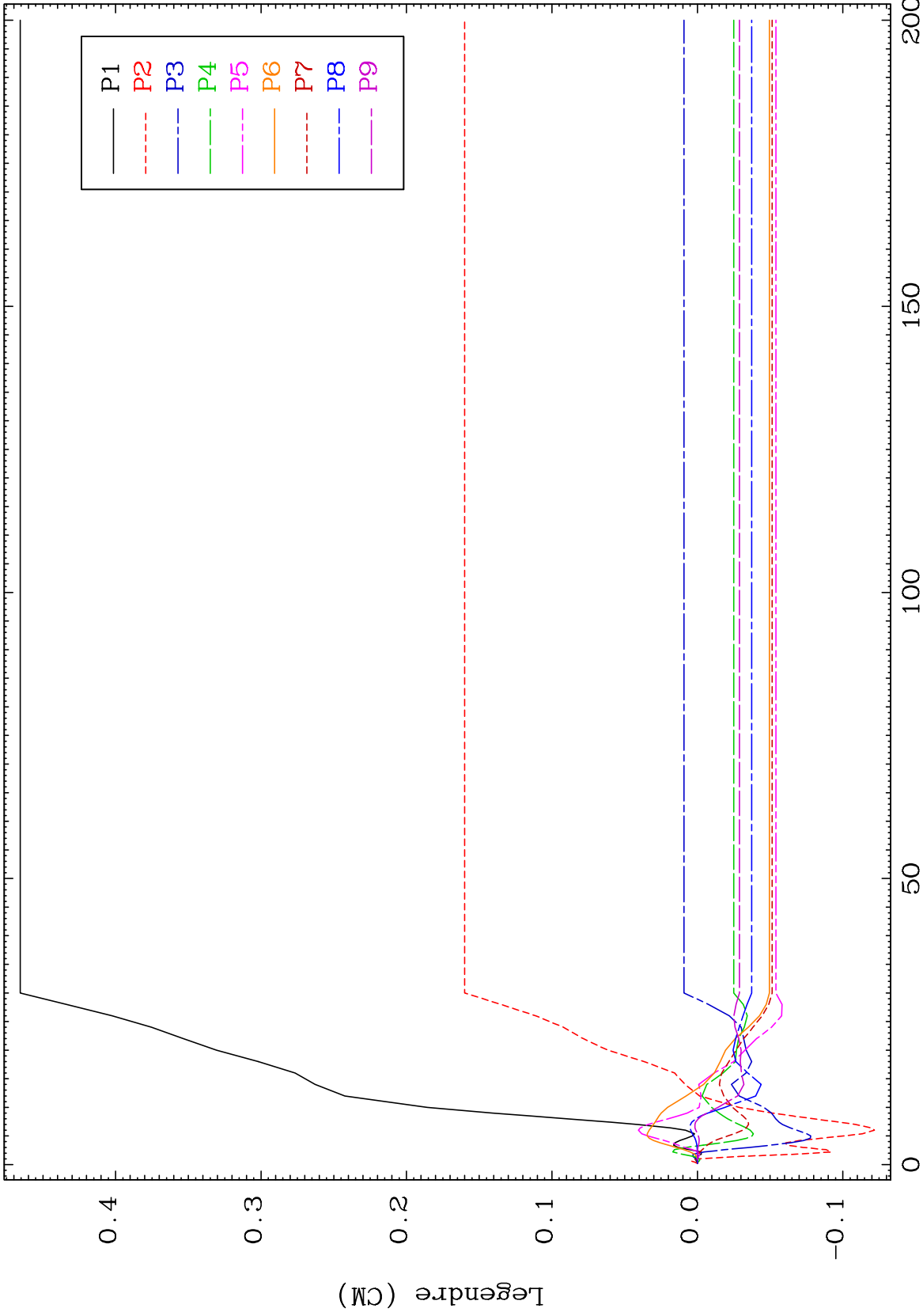
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



48

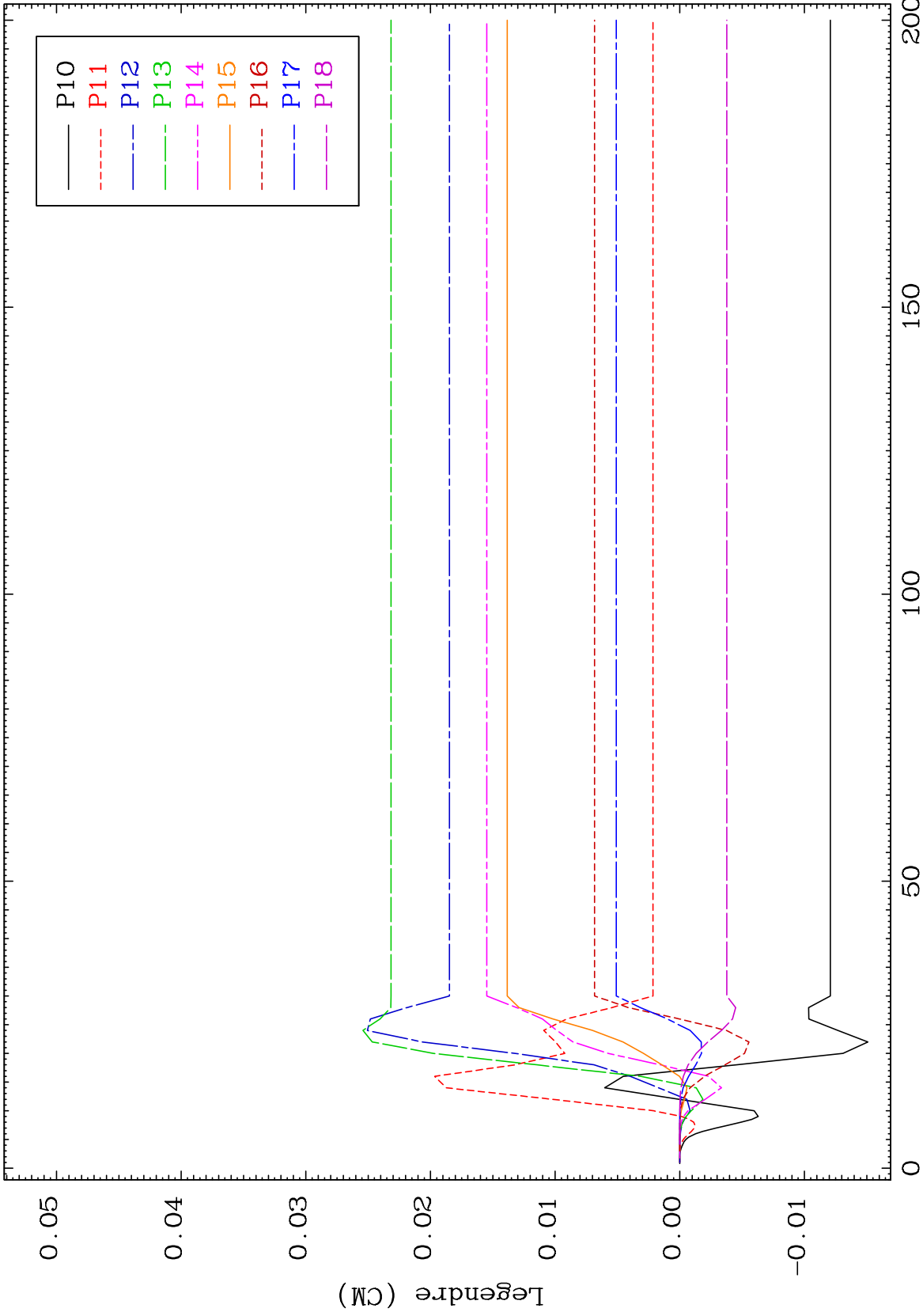
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



49

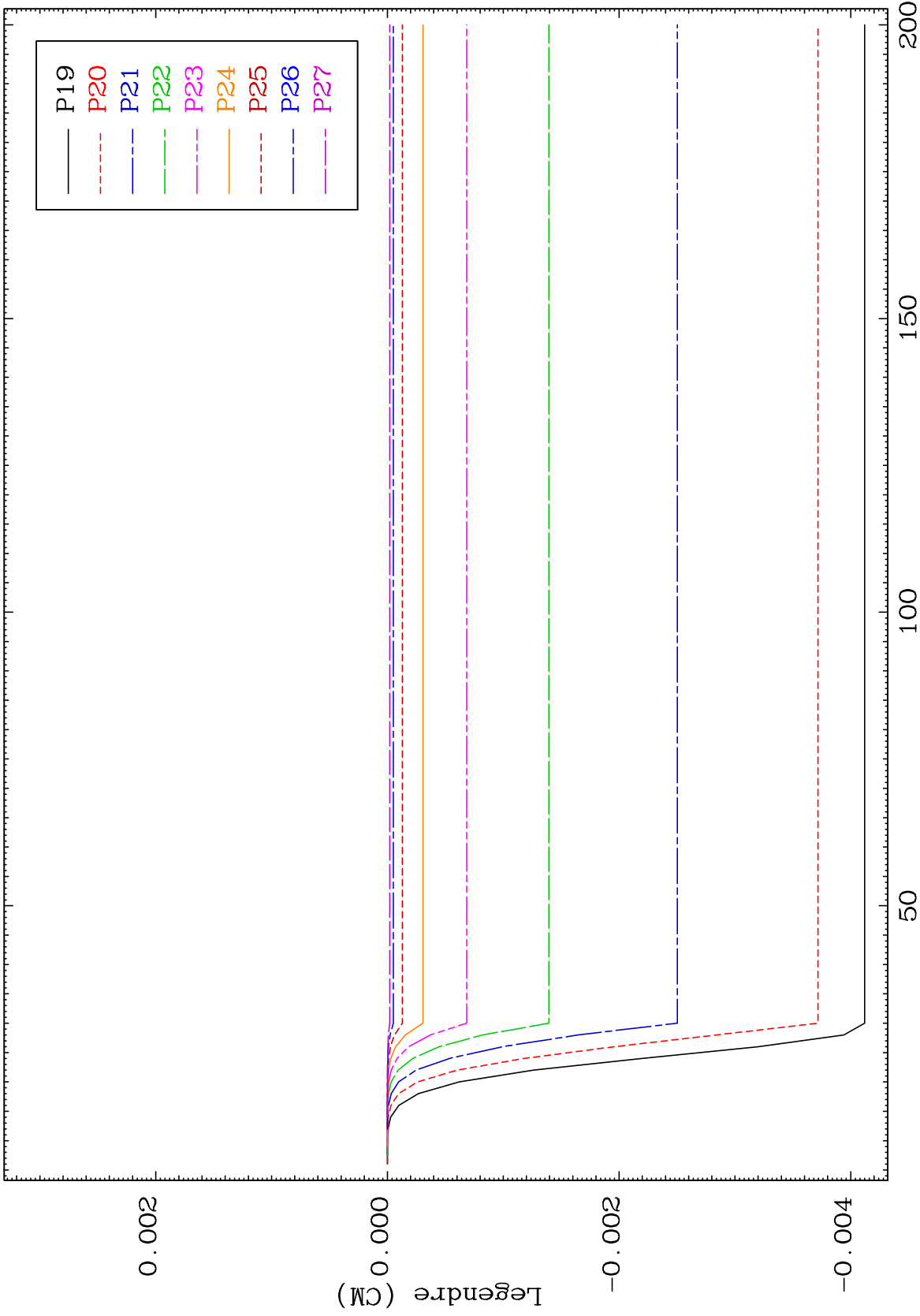
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



50

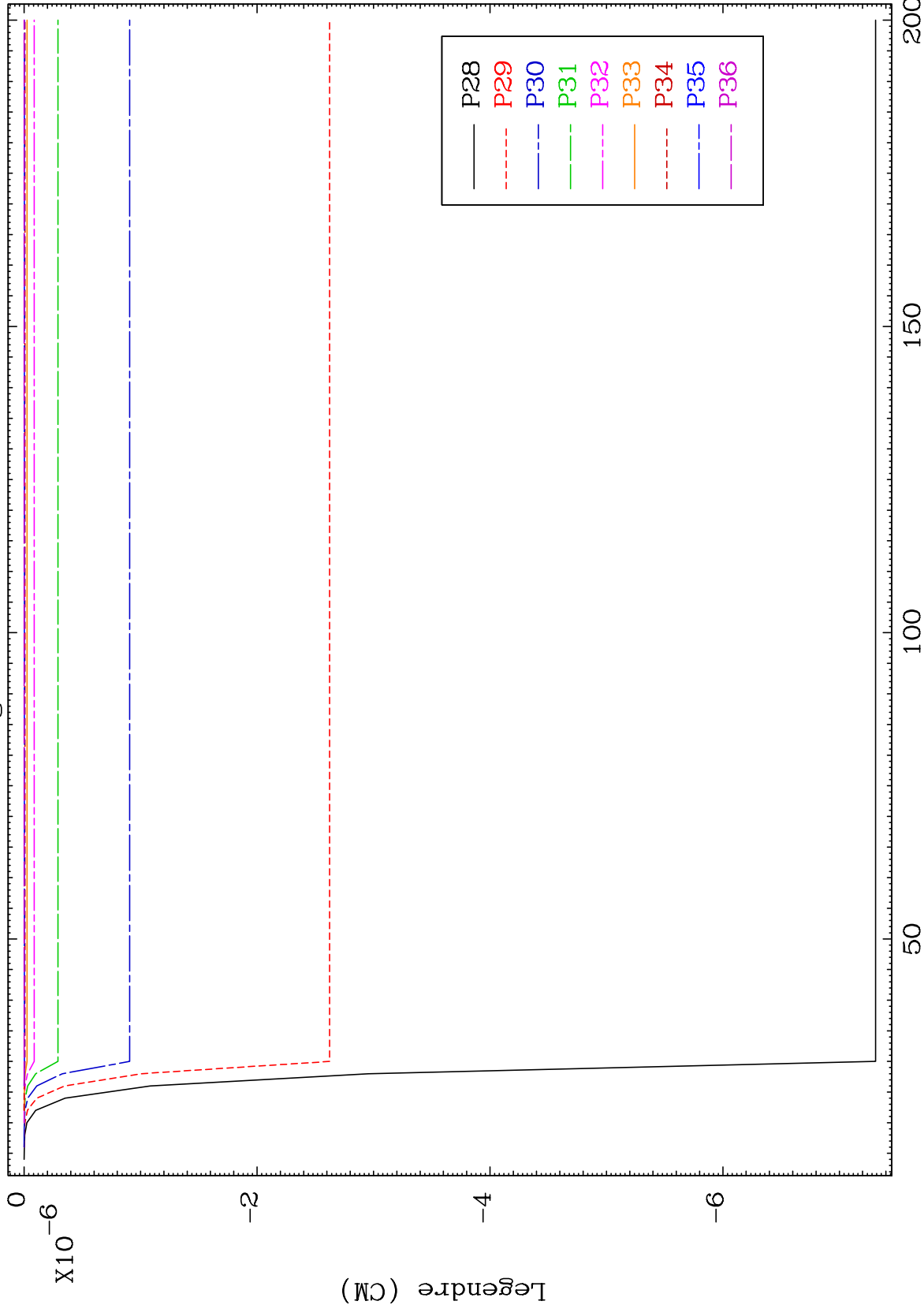
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

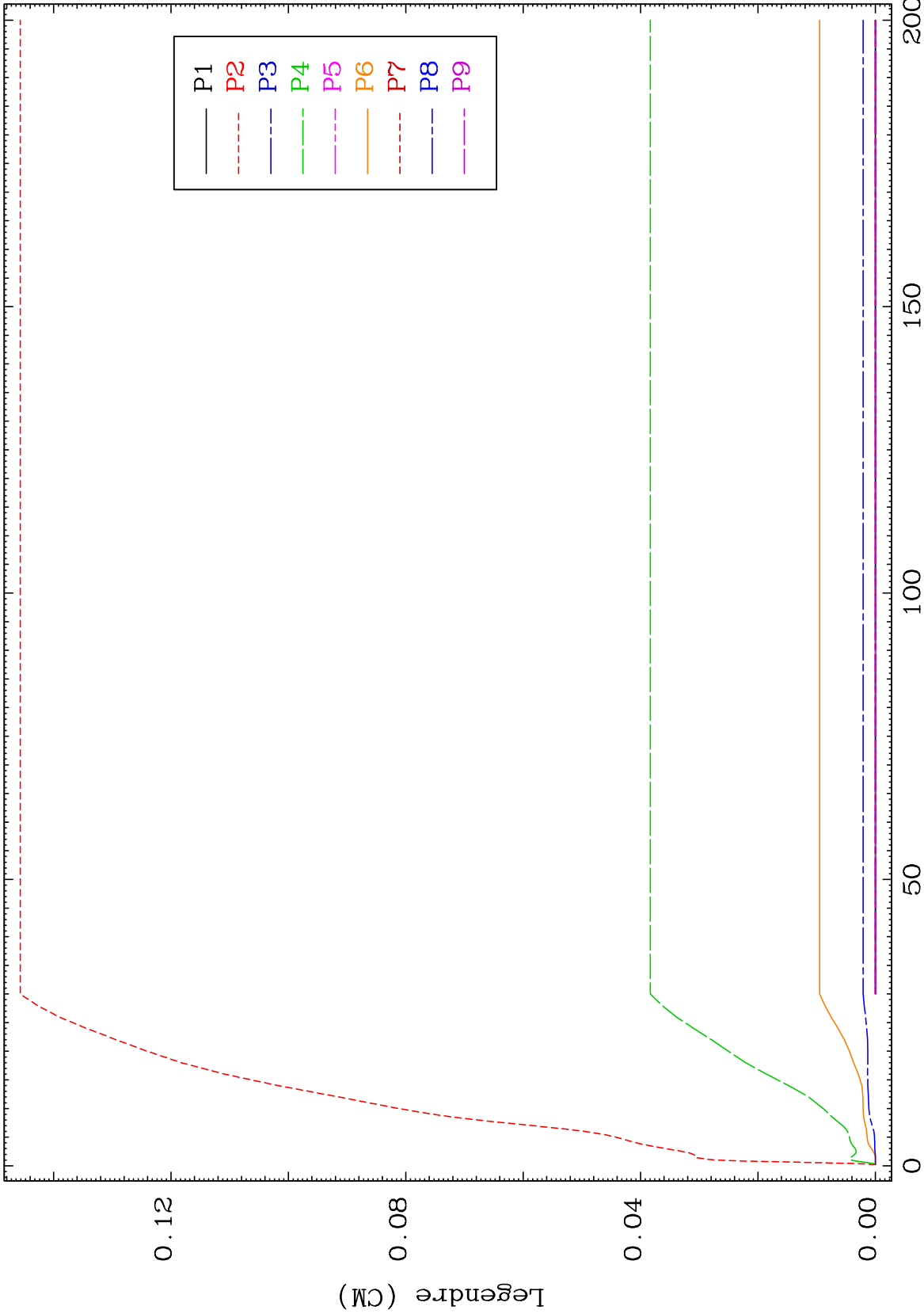
Incident Energy (MeV)

51

MAT 5755

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

57-La-148



52

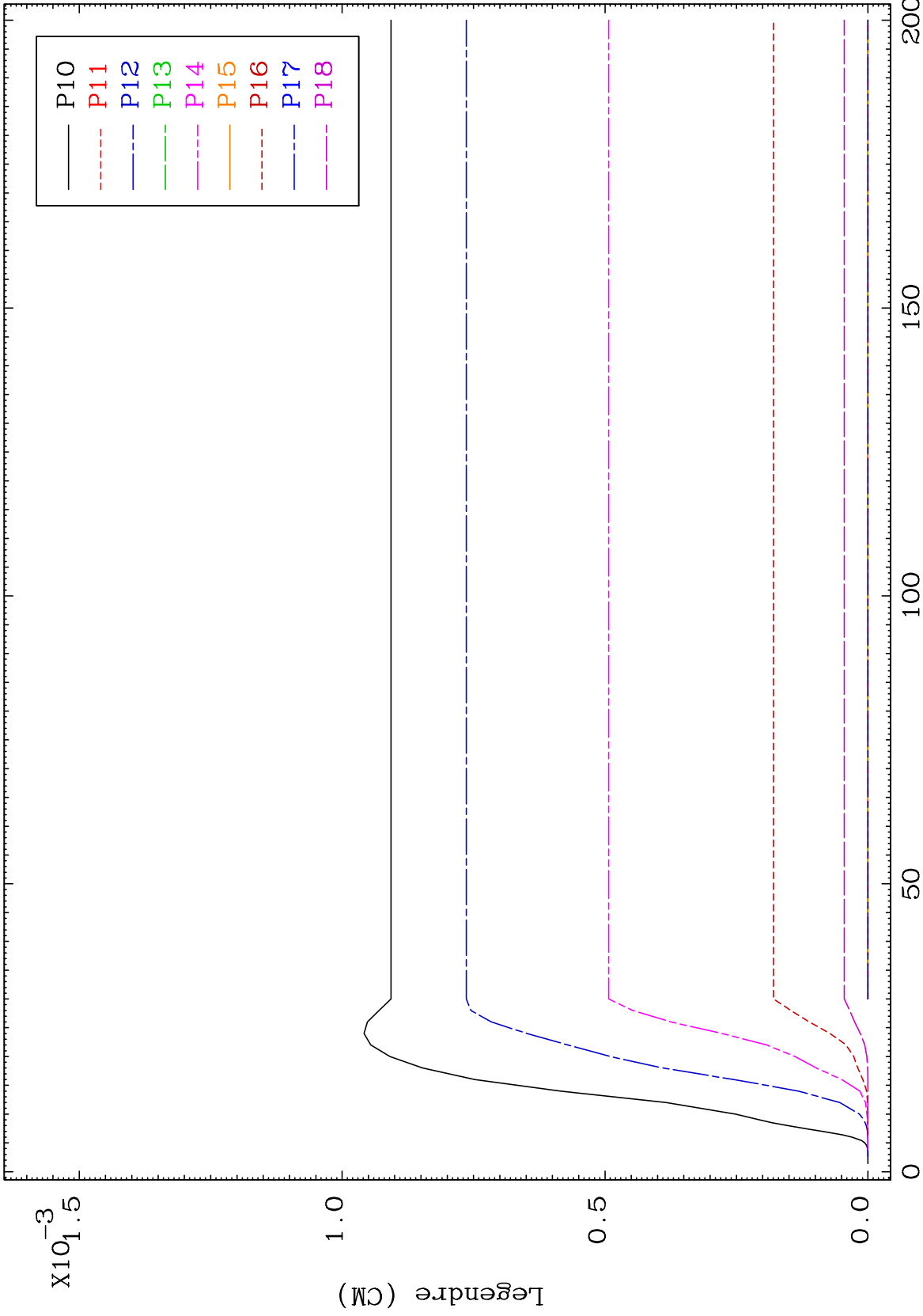
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



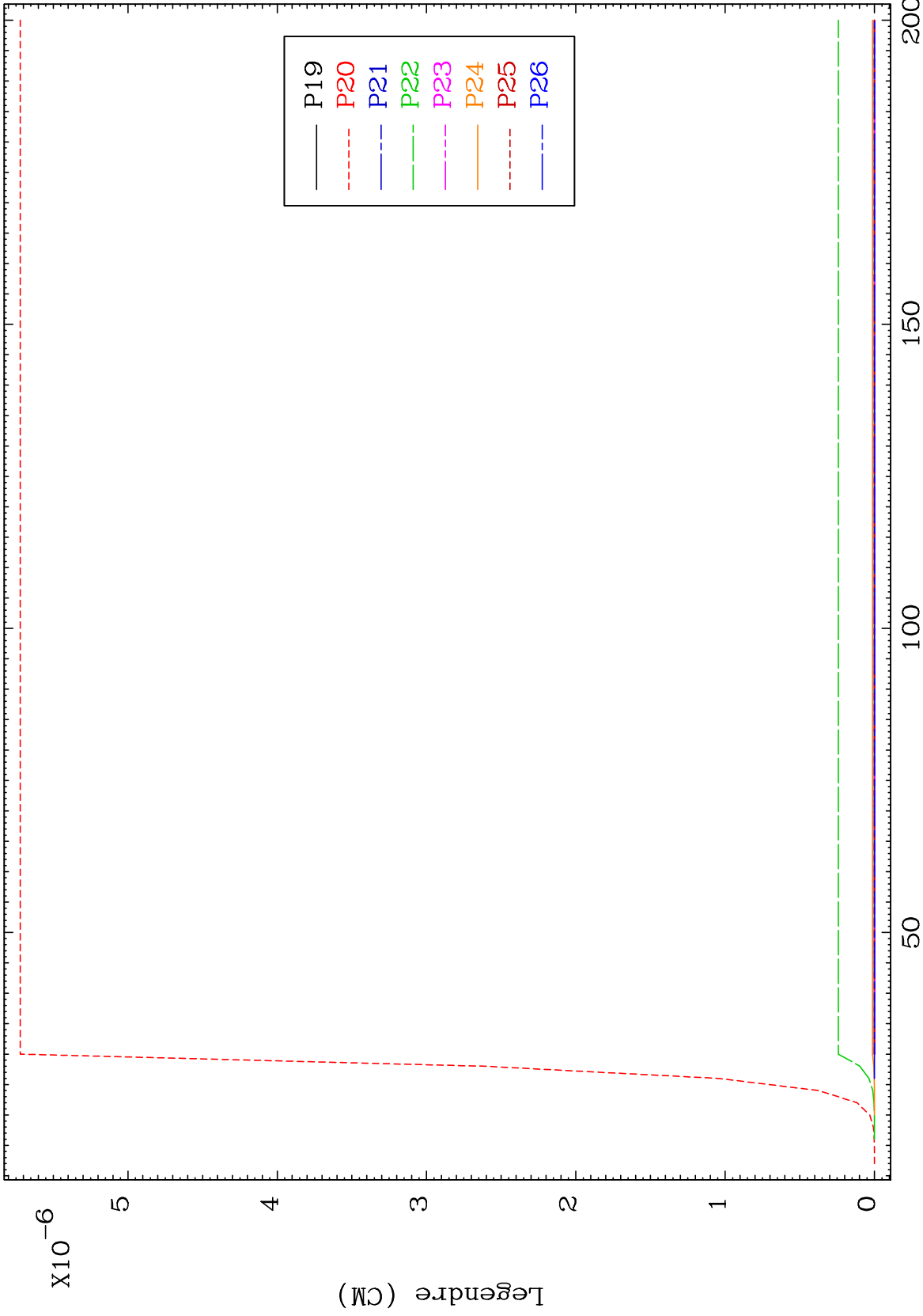
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57-La-148

MAT 5755

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

57-La-148



54

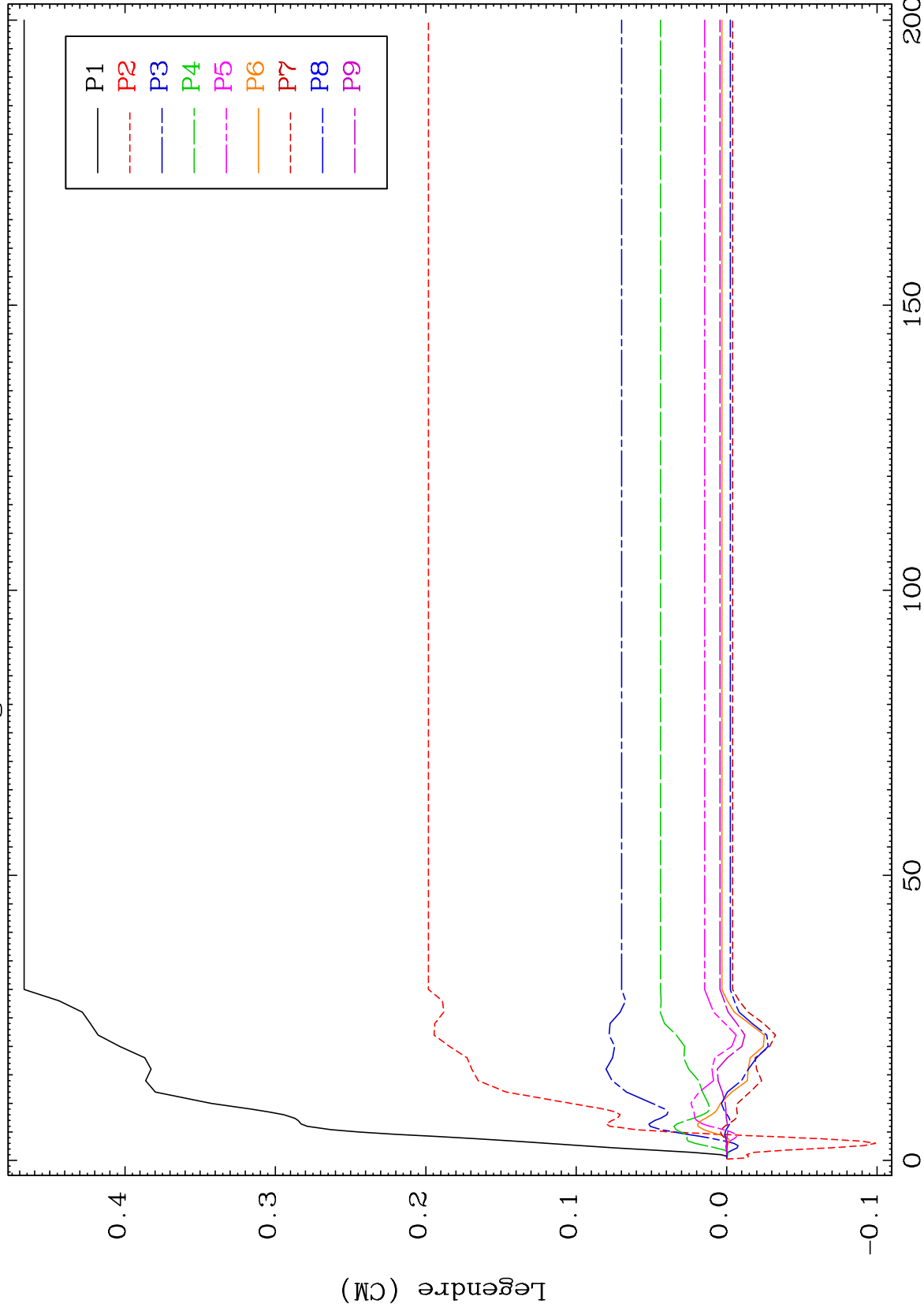
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



55

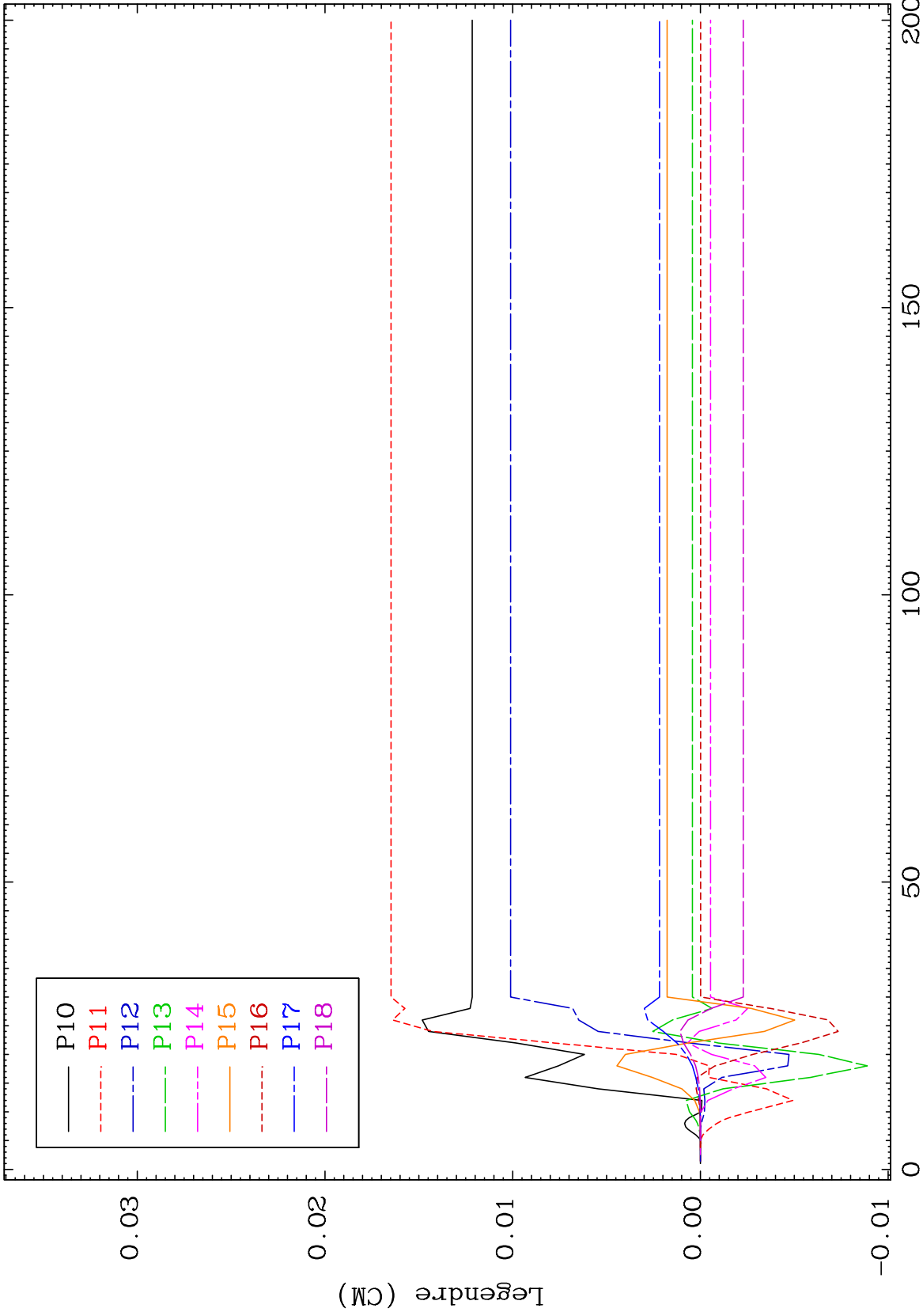
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



56

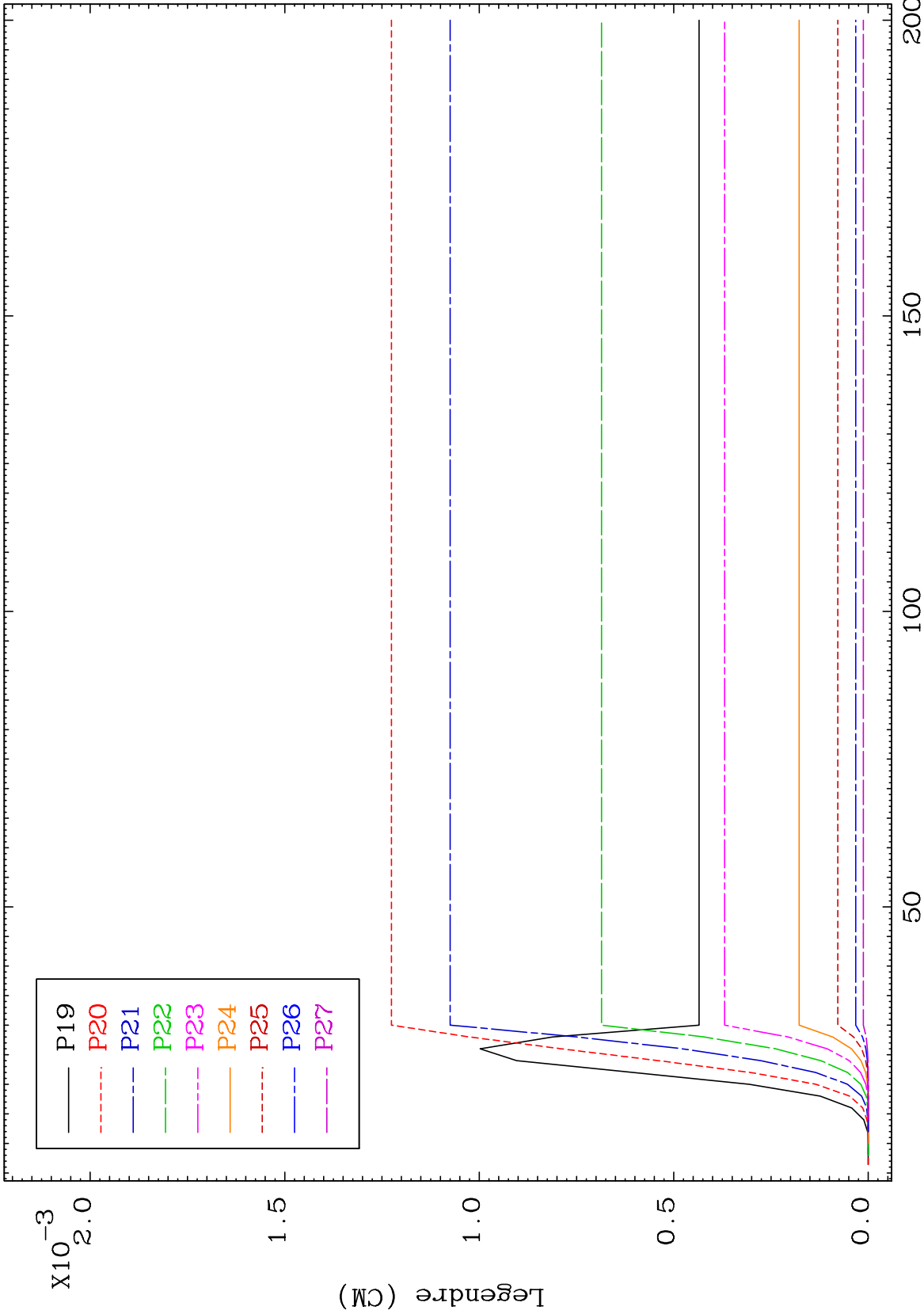
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57

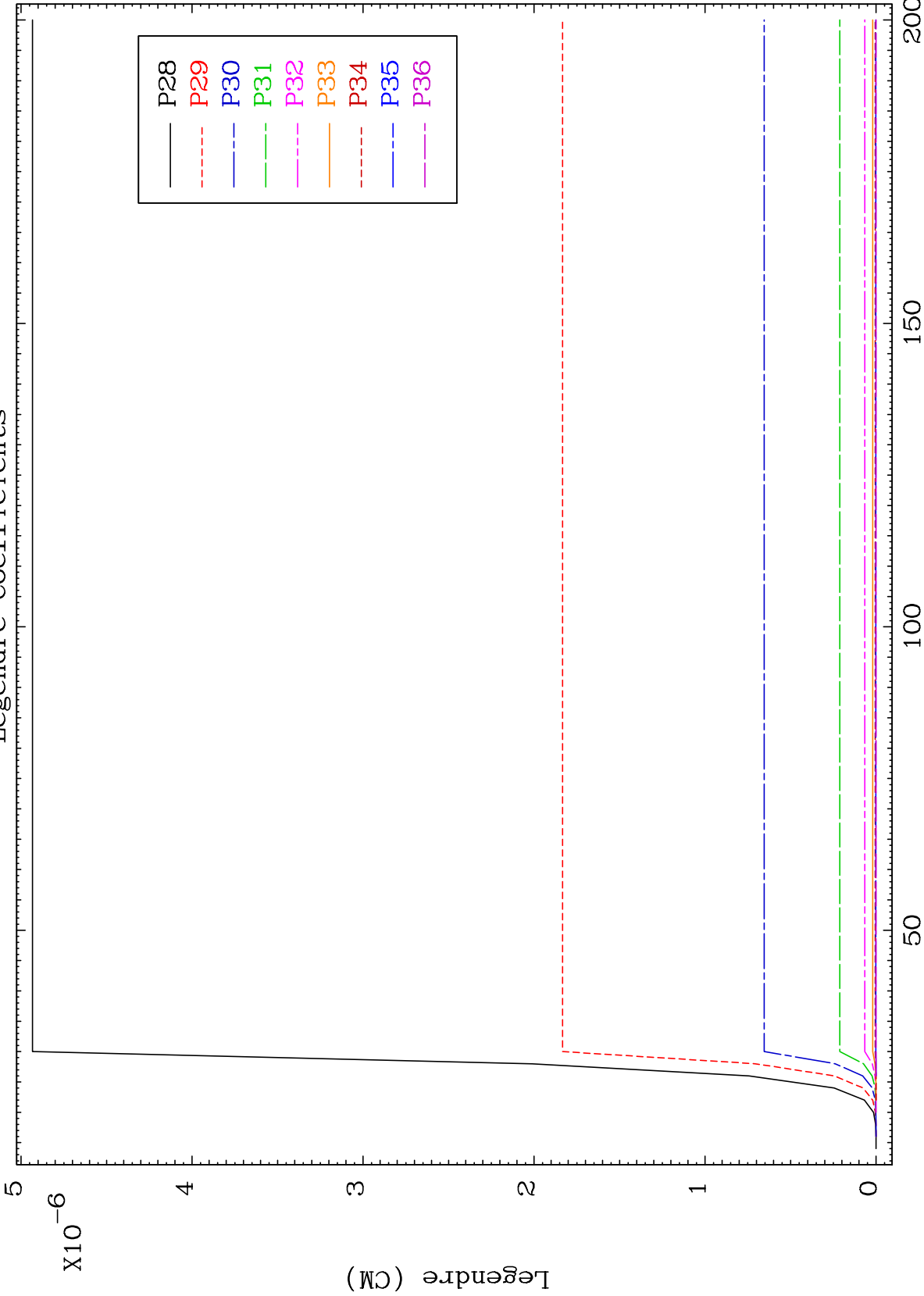
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



58

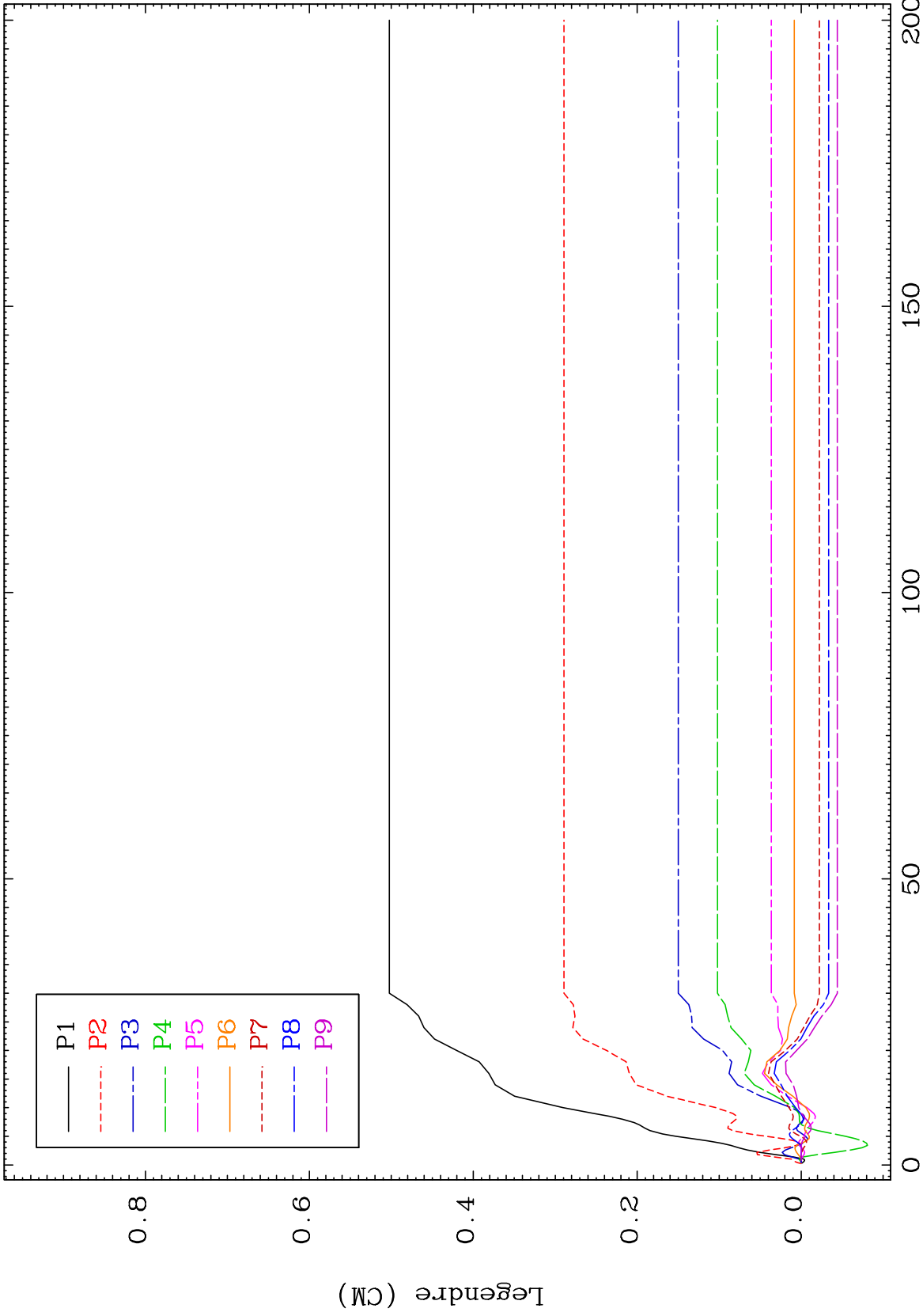
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



59

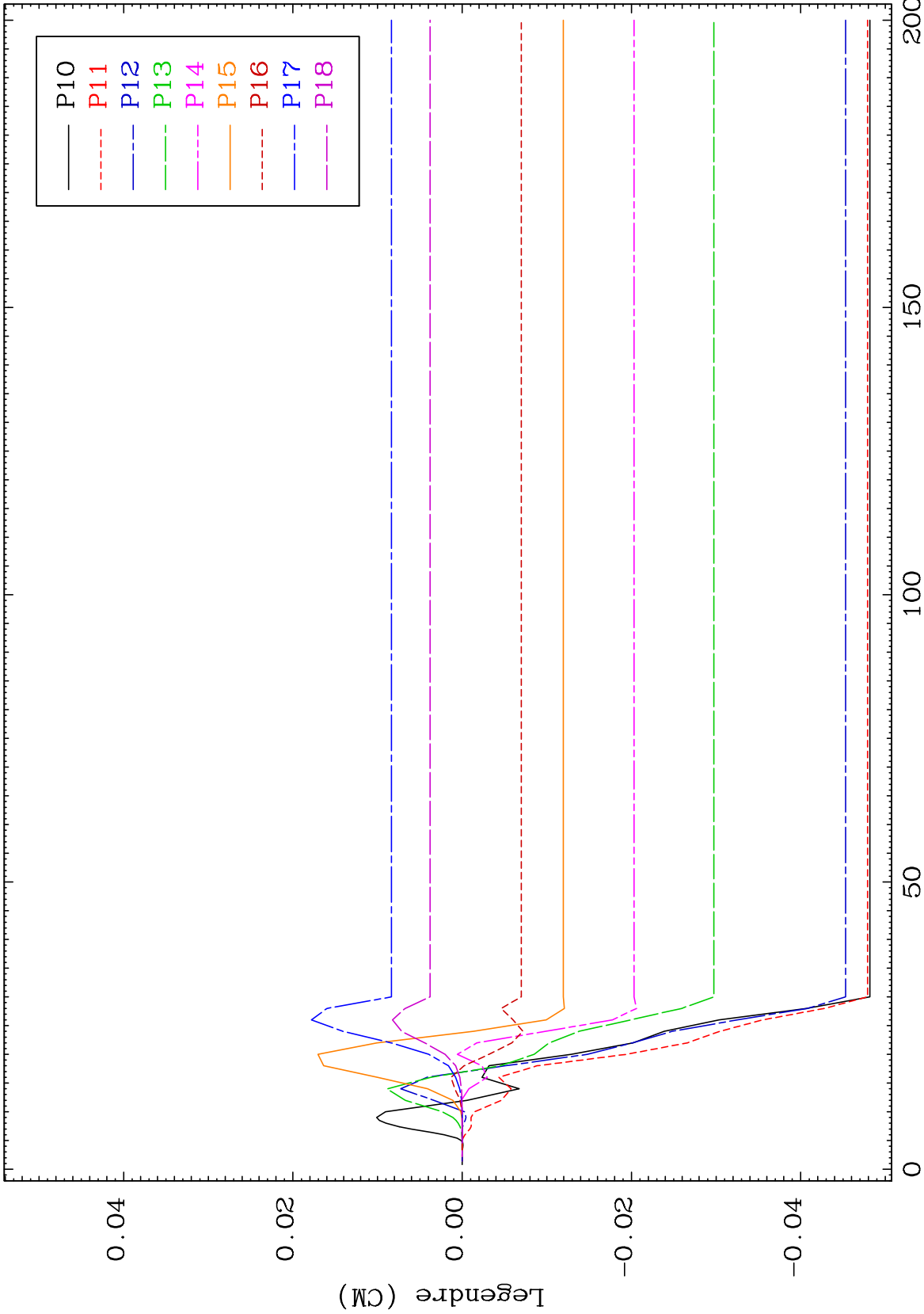
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

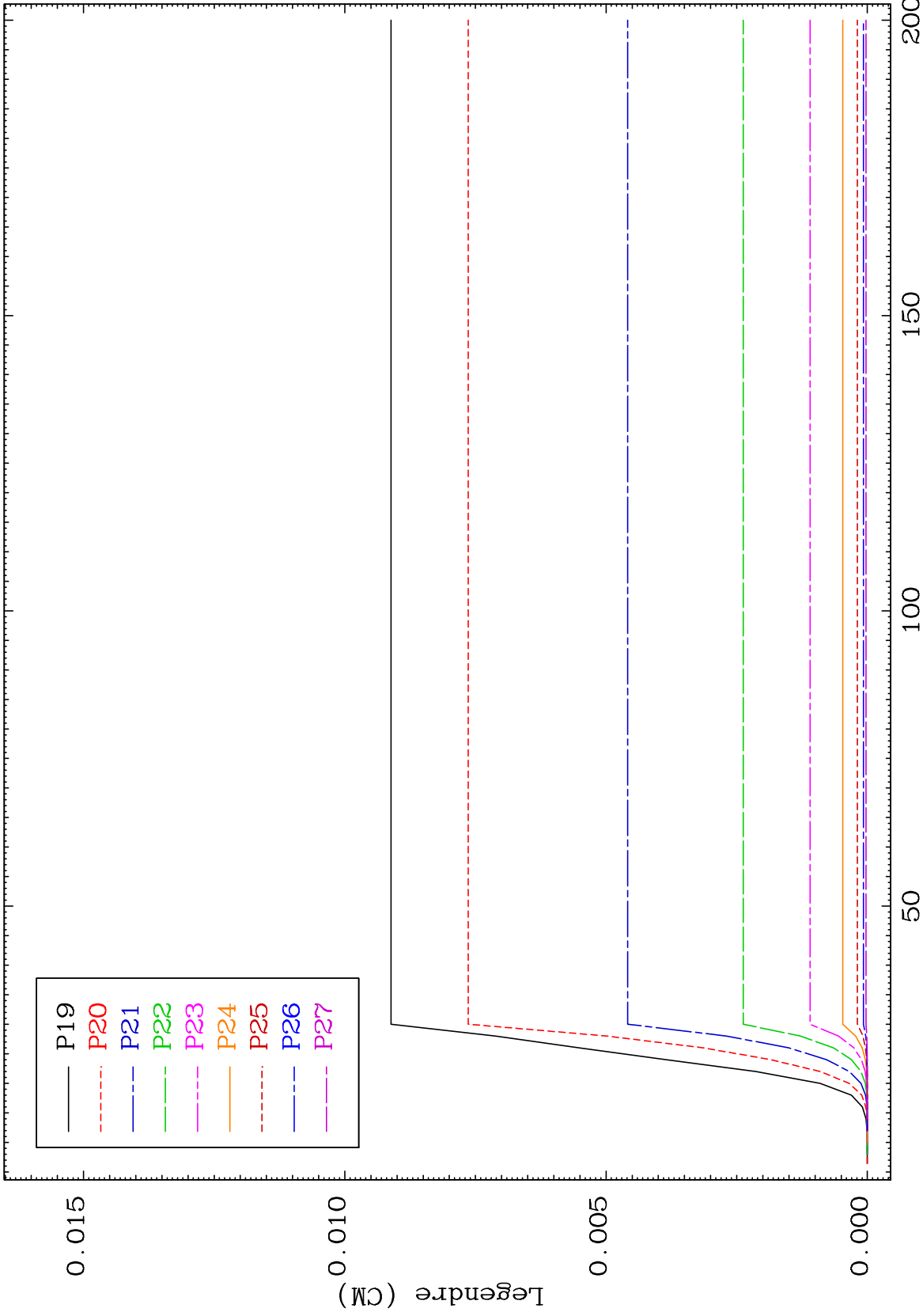
Incident Energy (MeV)

60

MAT 5755

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

57-La-148



61

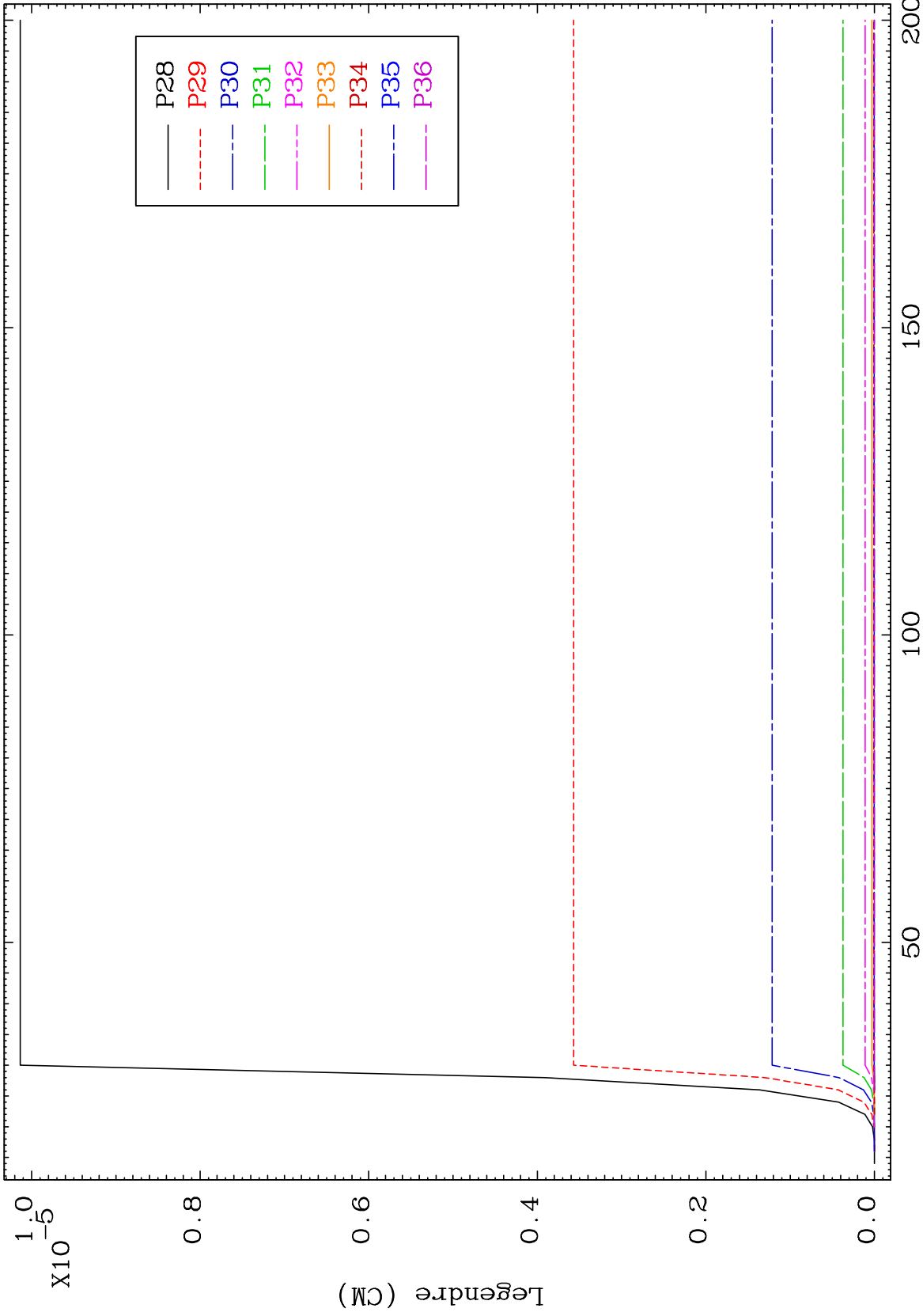
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



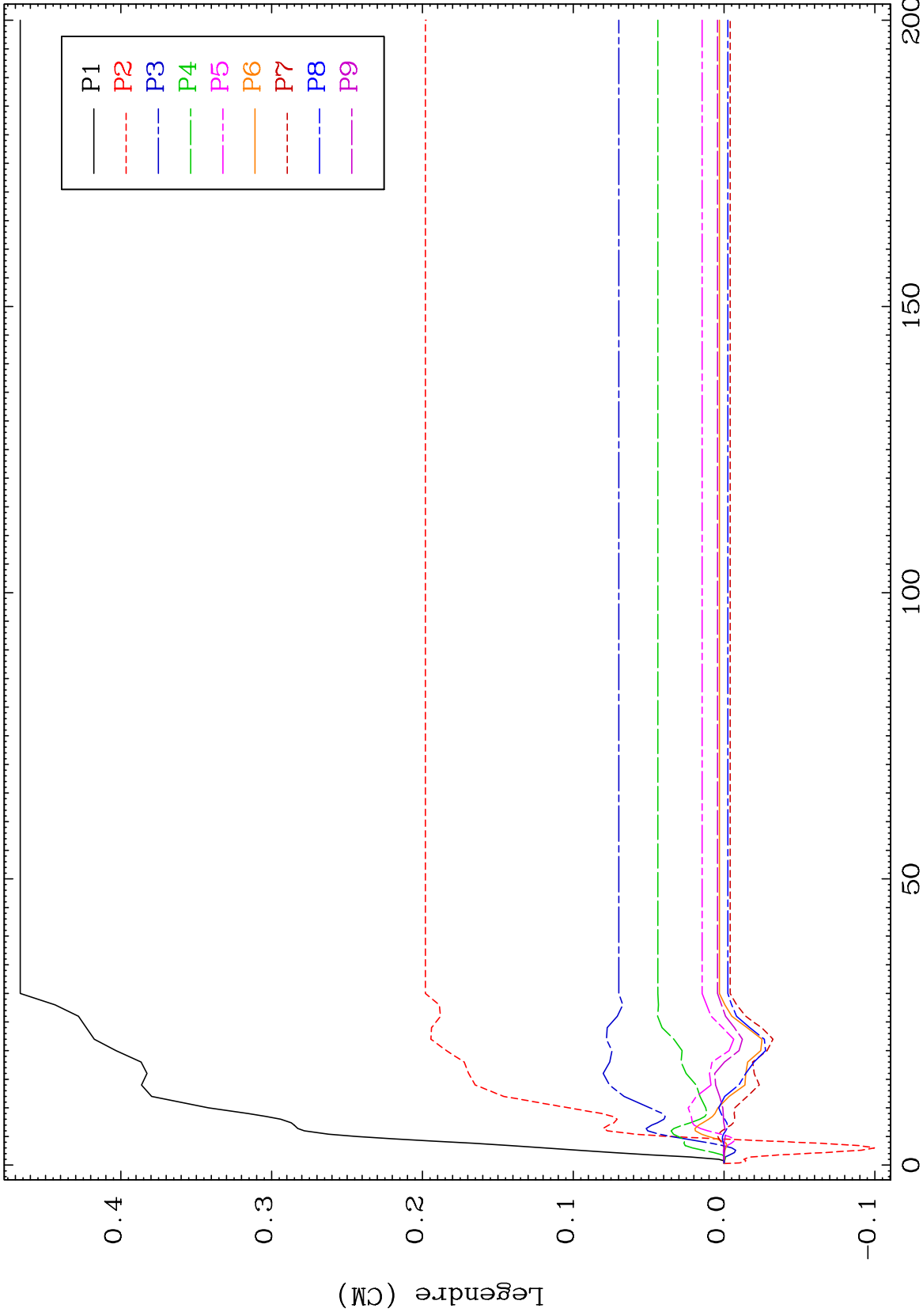
62

57-La-148

MAT 5755

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

57-La-148



63

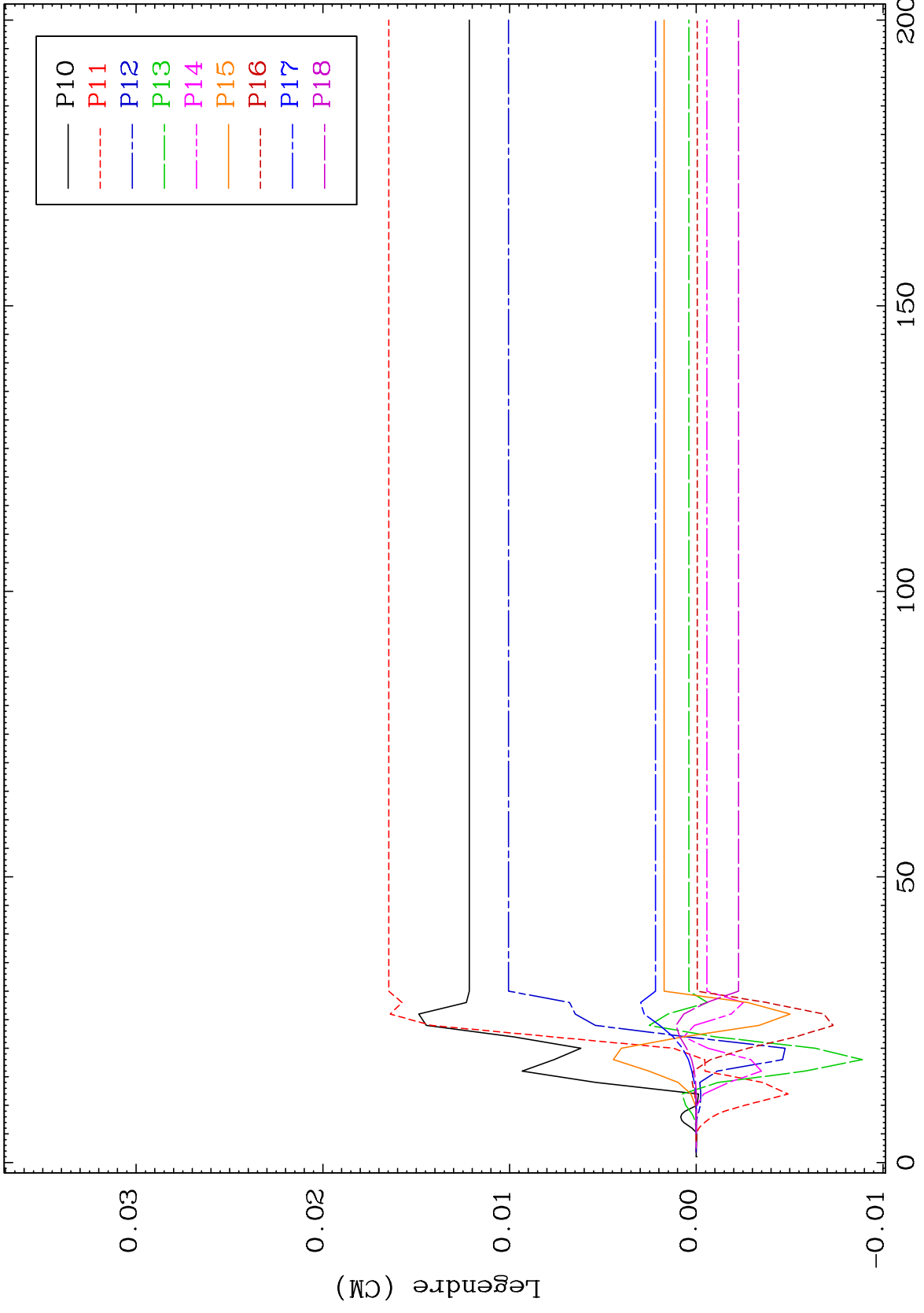
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



64

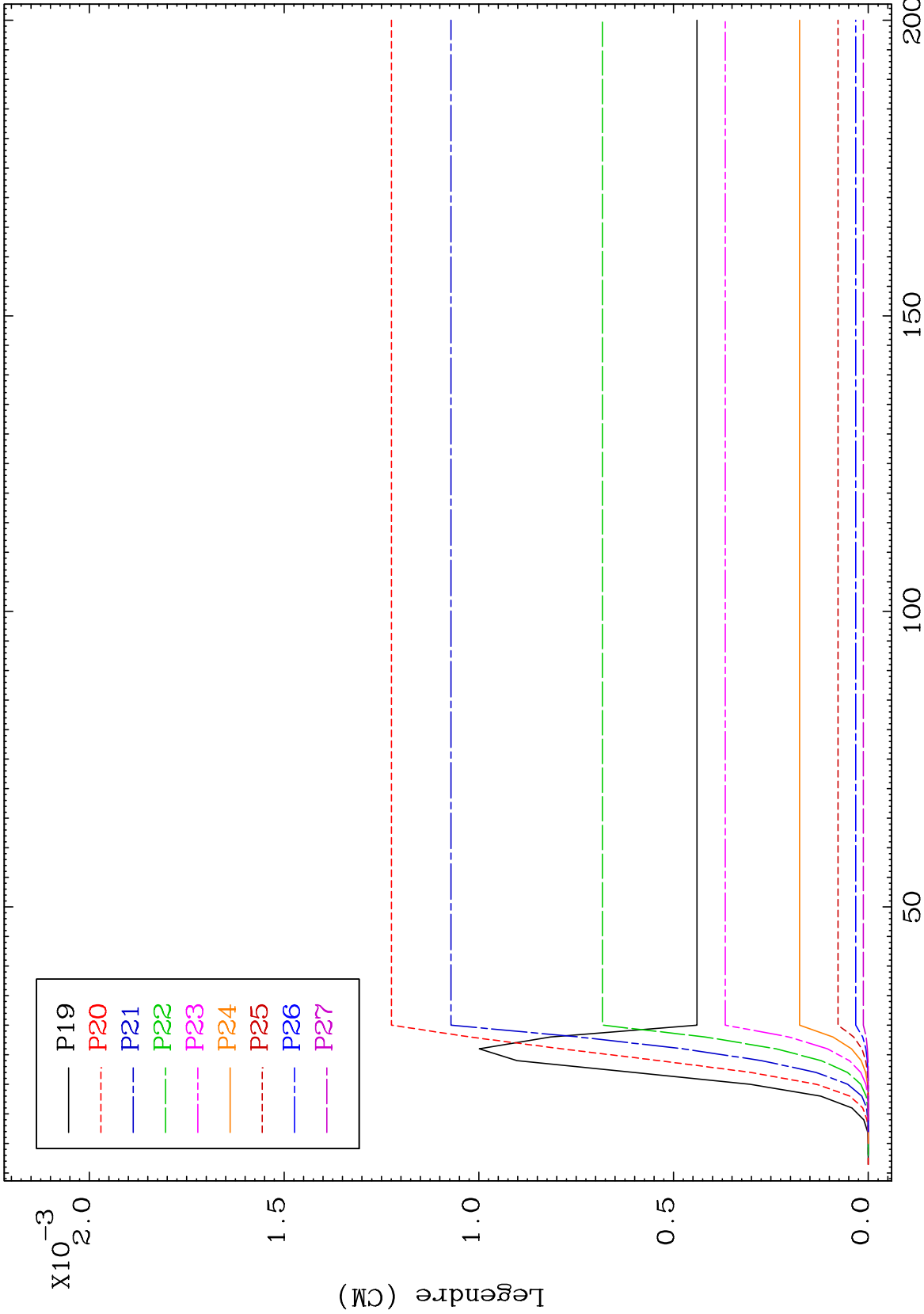
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



65

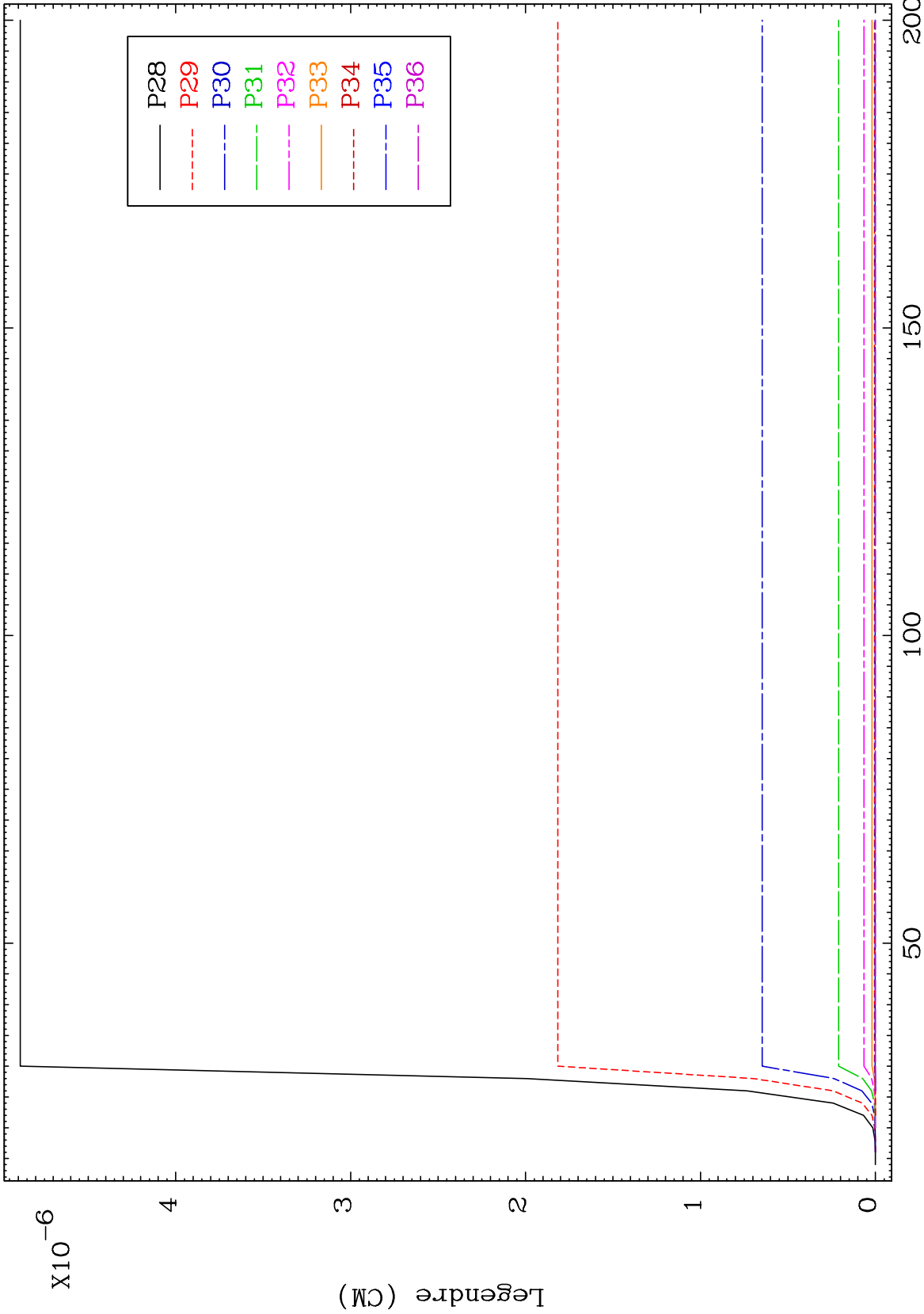
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



66

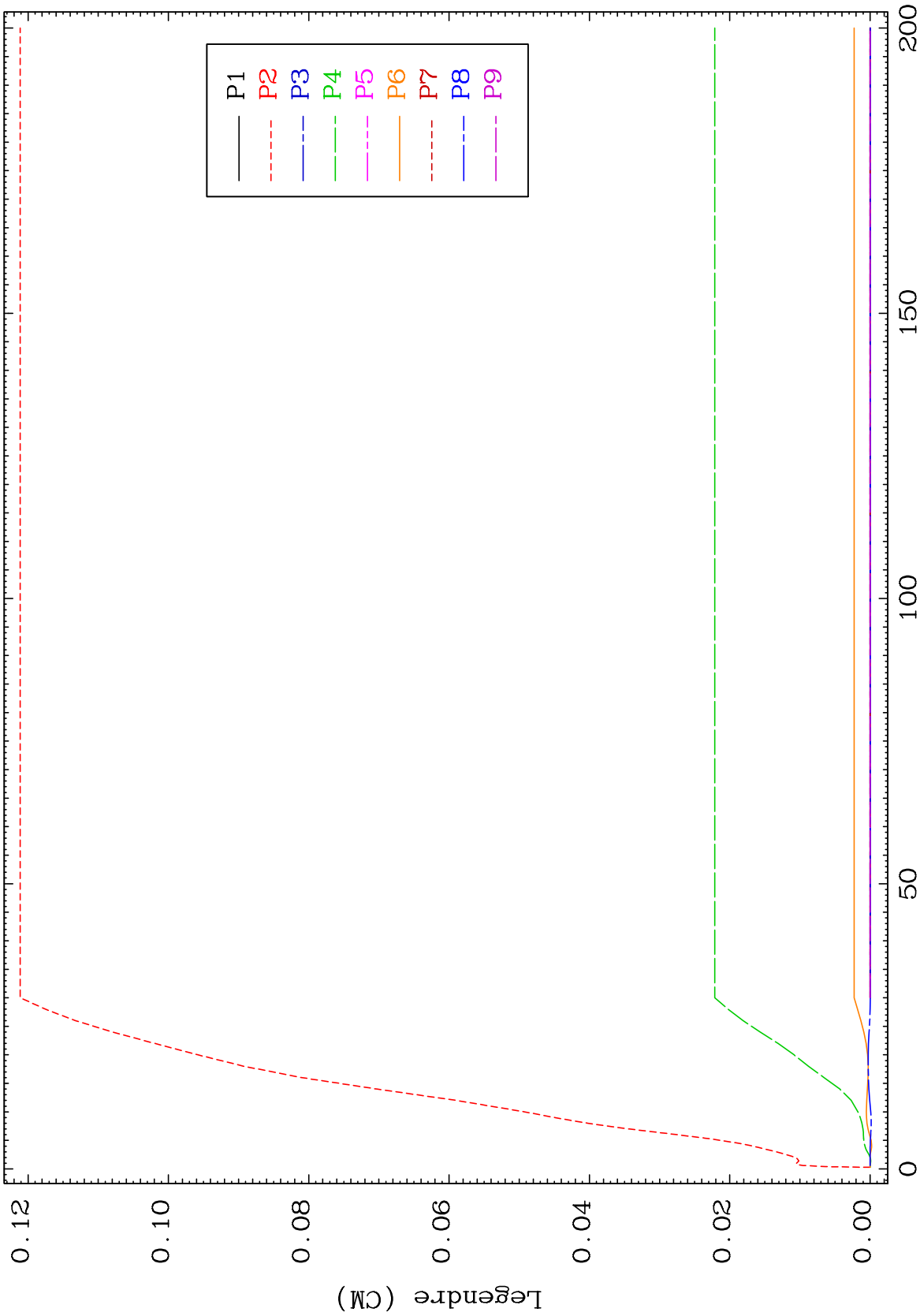
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



67

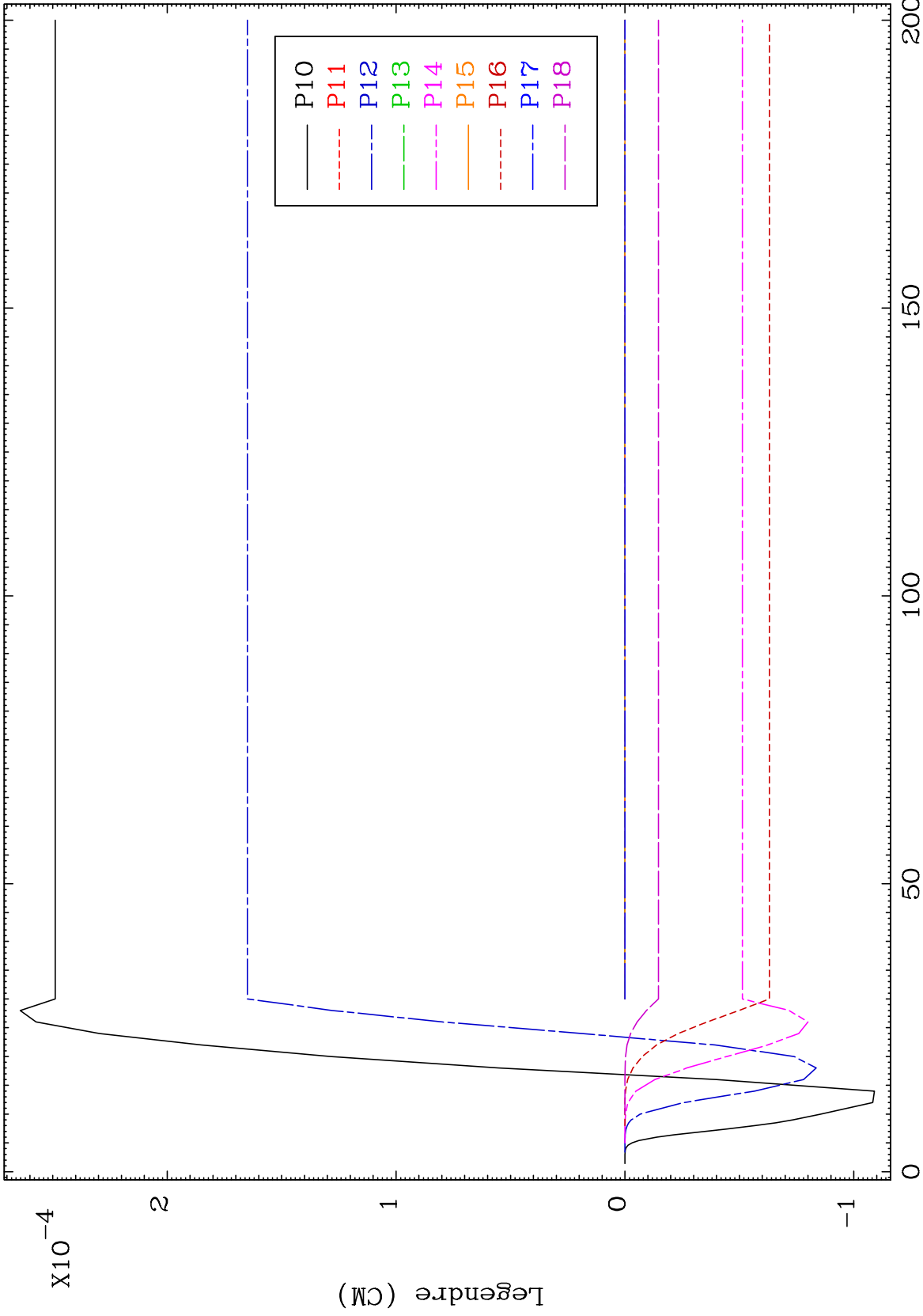
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



68

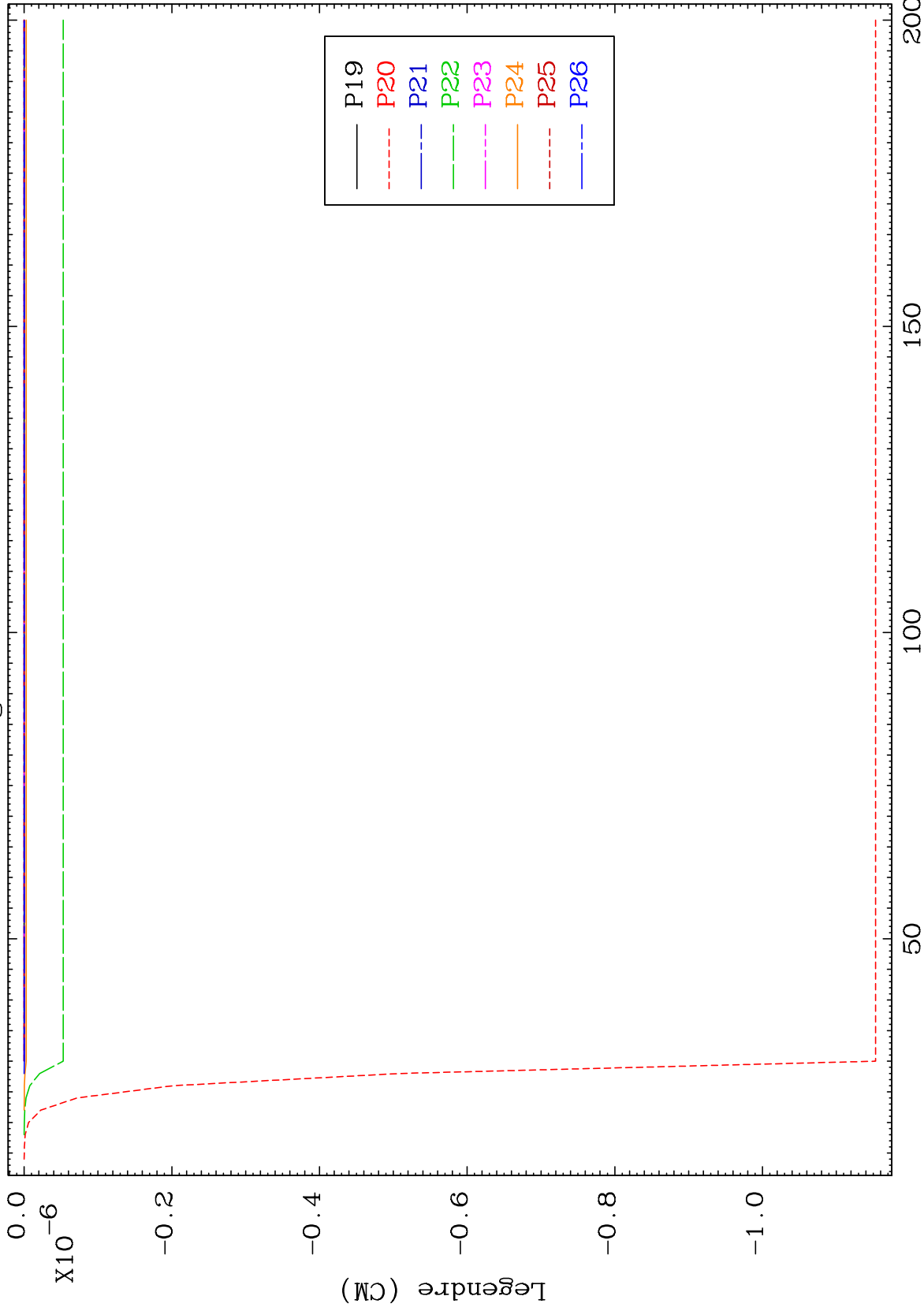
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



69

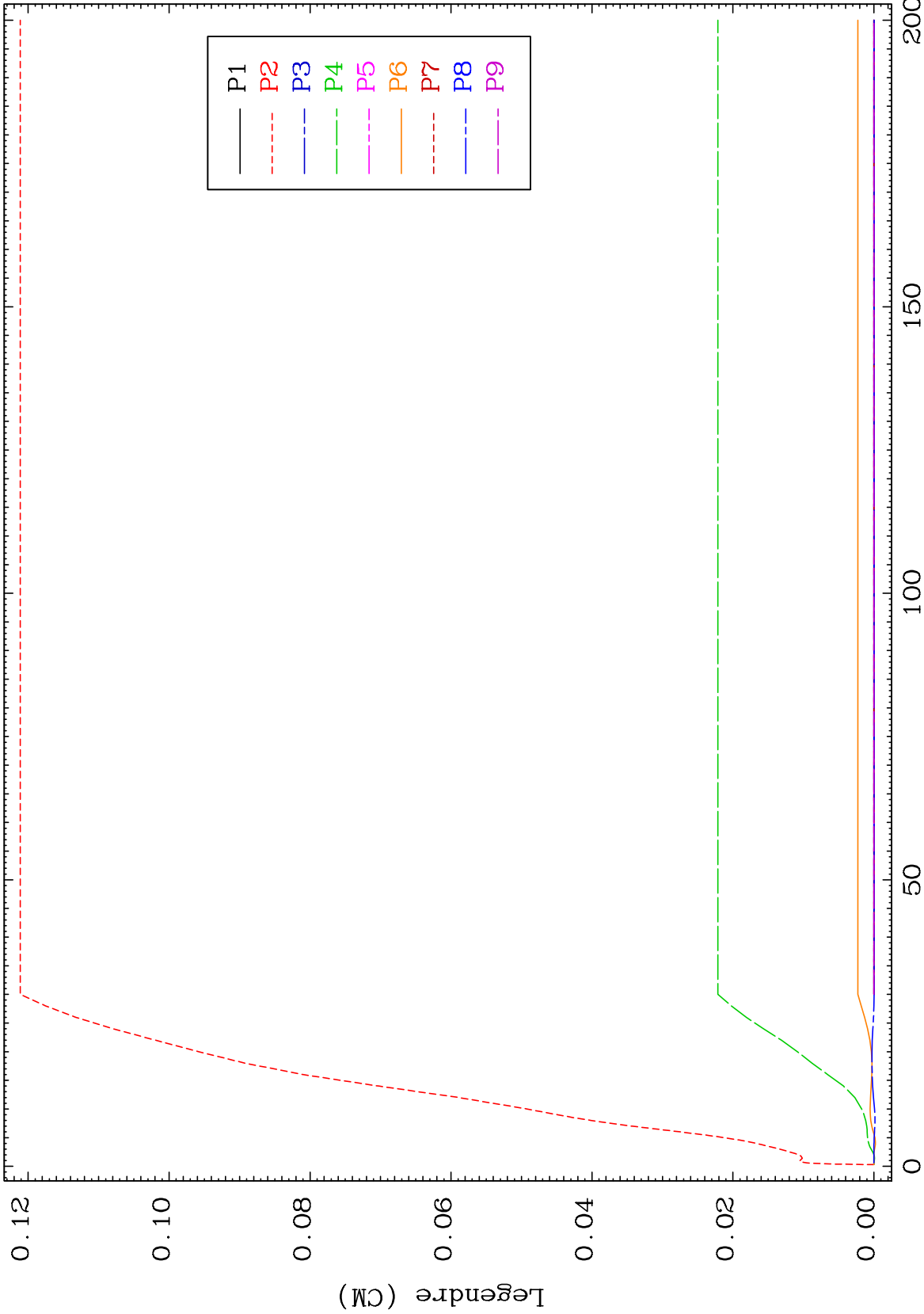
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



70

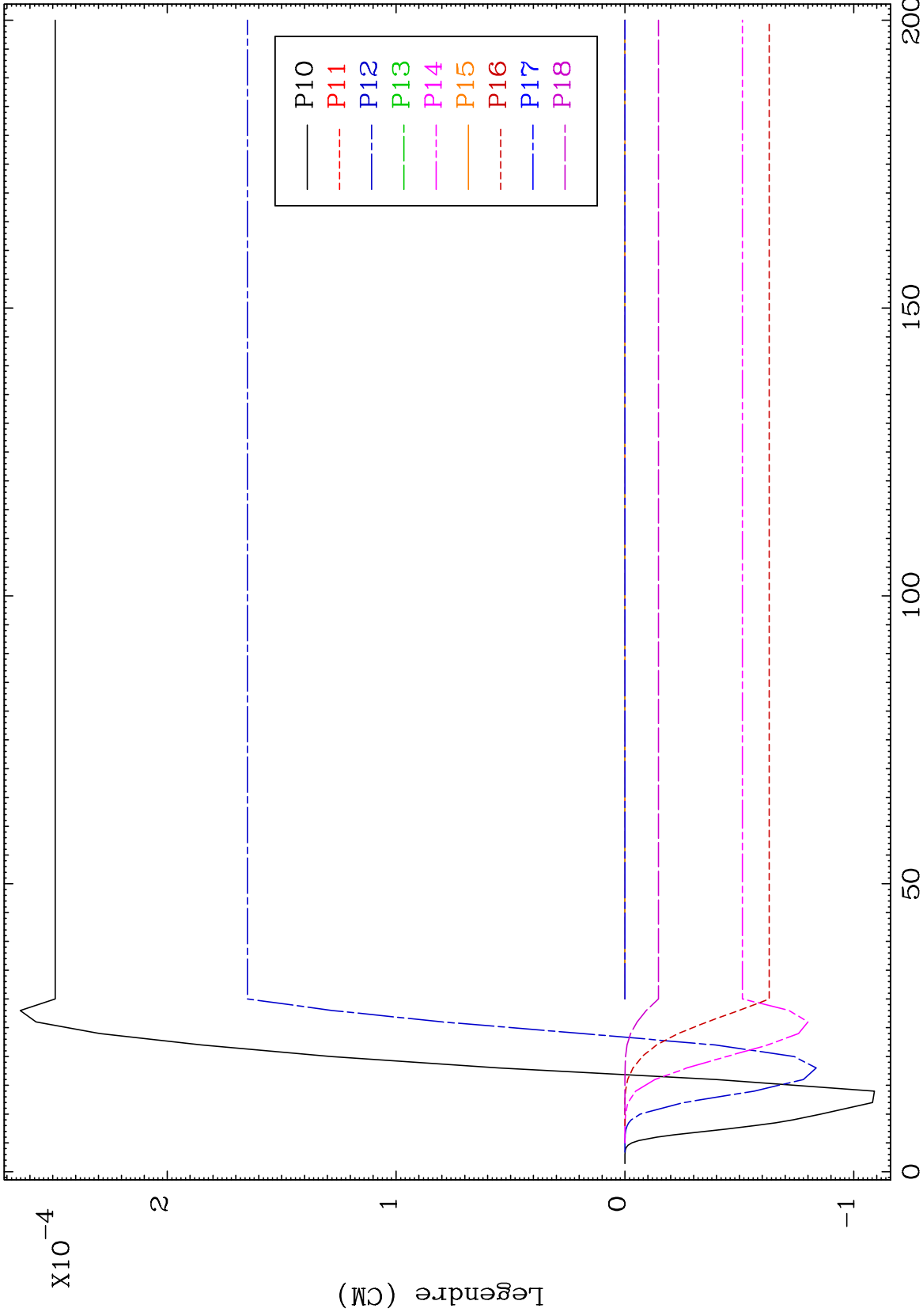
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



71

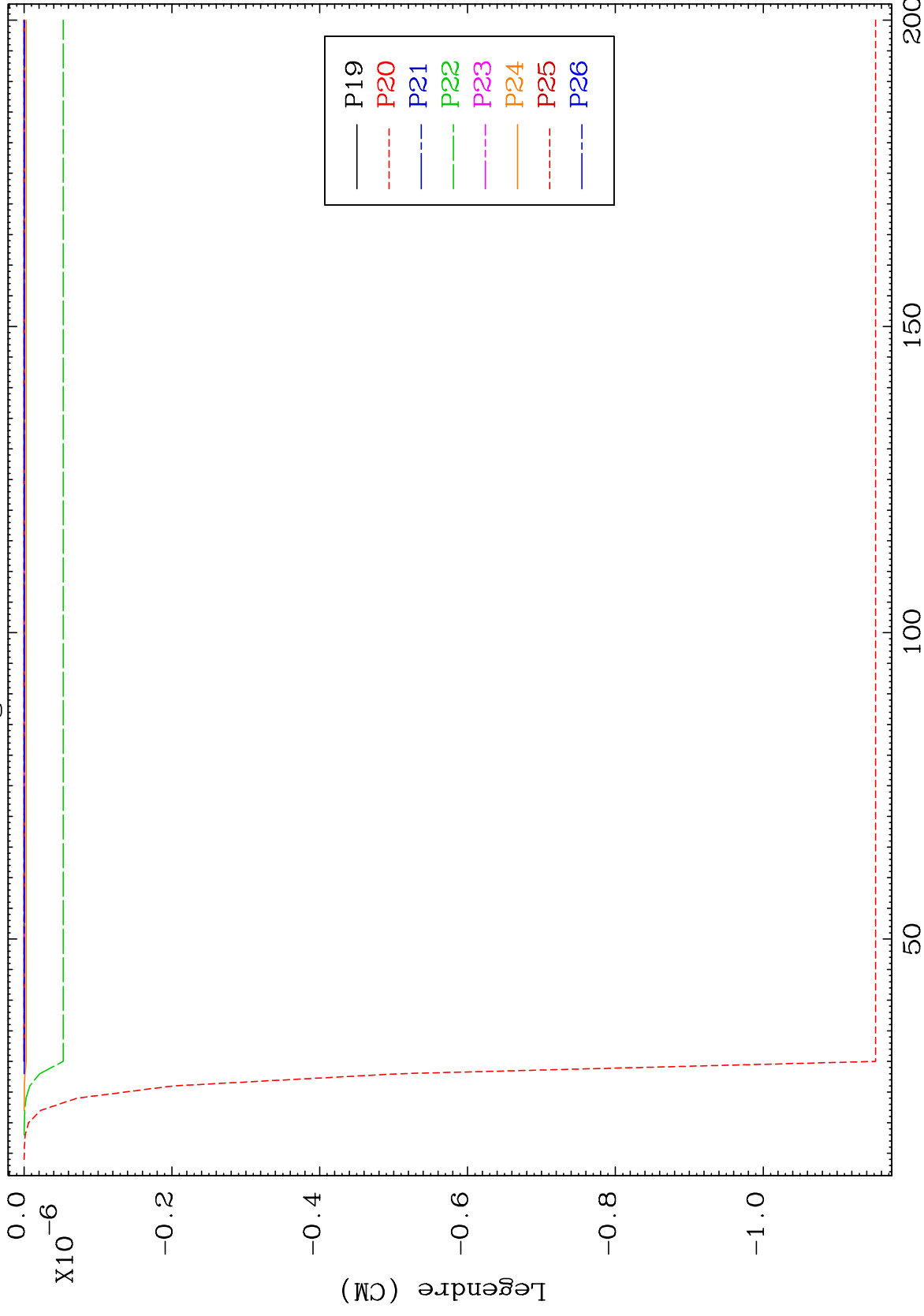
Incident Energy (MeV)

57-La-148

MAT 5755

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

57-La-148



57-La-148

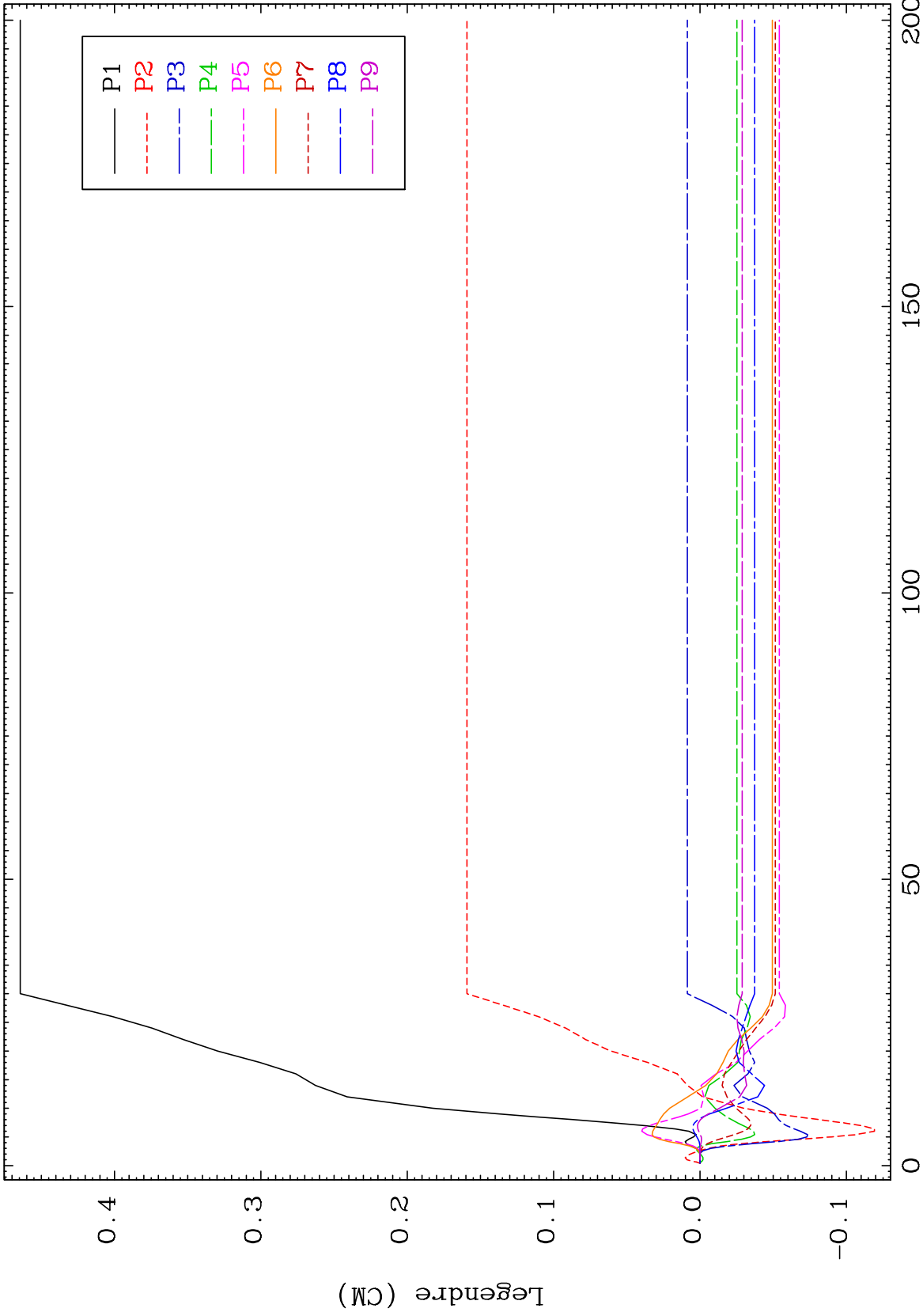
Incident Energy (MeV)

72

MAT 5755

MT= 66 (n,n') Level
Legendre Coefficients

57-La-148



73

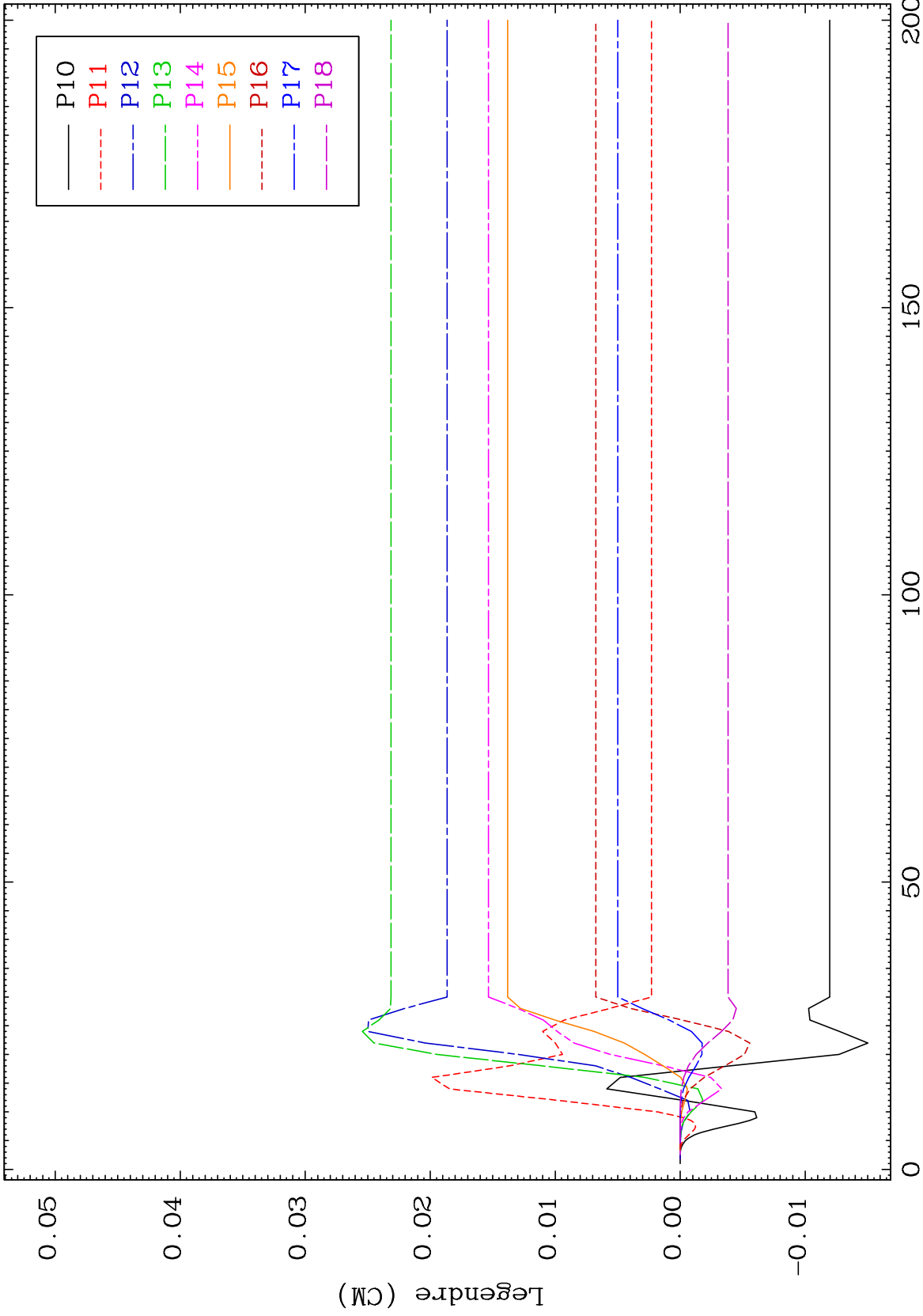
Incident Energy (MeV)

57-La-148

MAT 5755

MT= 66 (n,n') Level
Legendre Coefficients

57-La-148



74

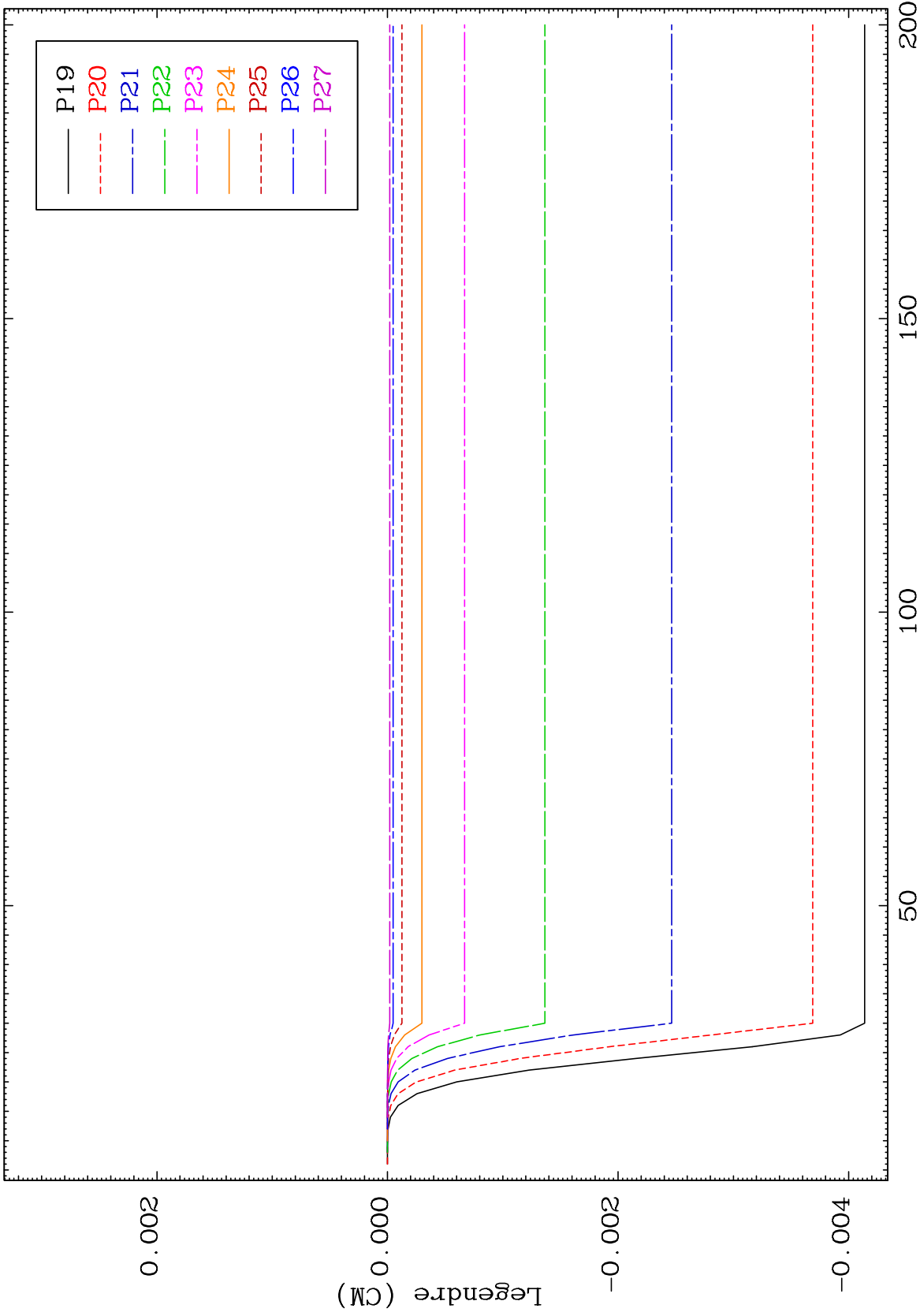
Incident Energy (MeV)

57-La-148

MAT 5755

MT= 66 (n,n') Level
Legendre Coefficients

57-La-148



75

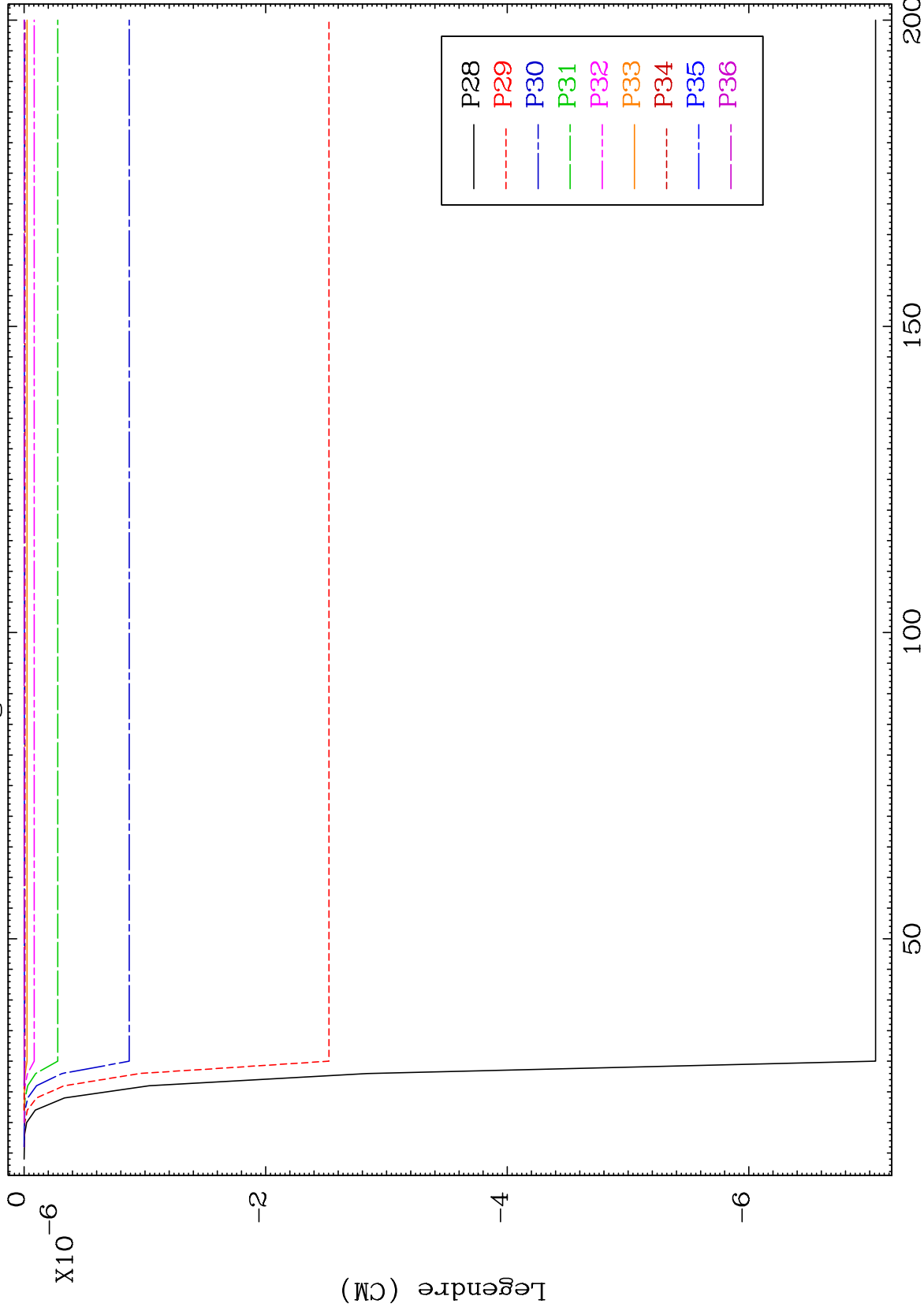
Incident Energy (MeV)

57-La-148

MAT 5755

MT= 66 (n,n') Level
Legendre Coefficients

57-La-148



57-La-148

Incident Energy (MeV)

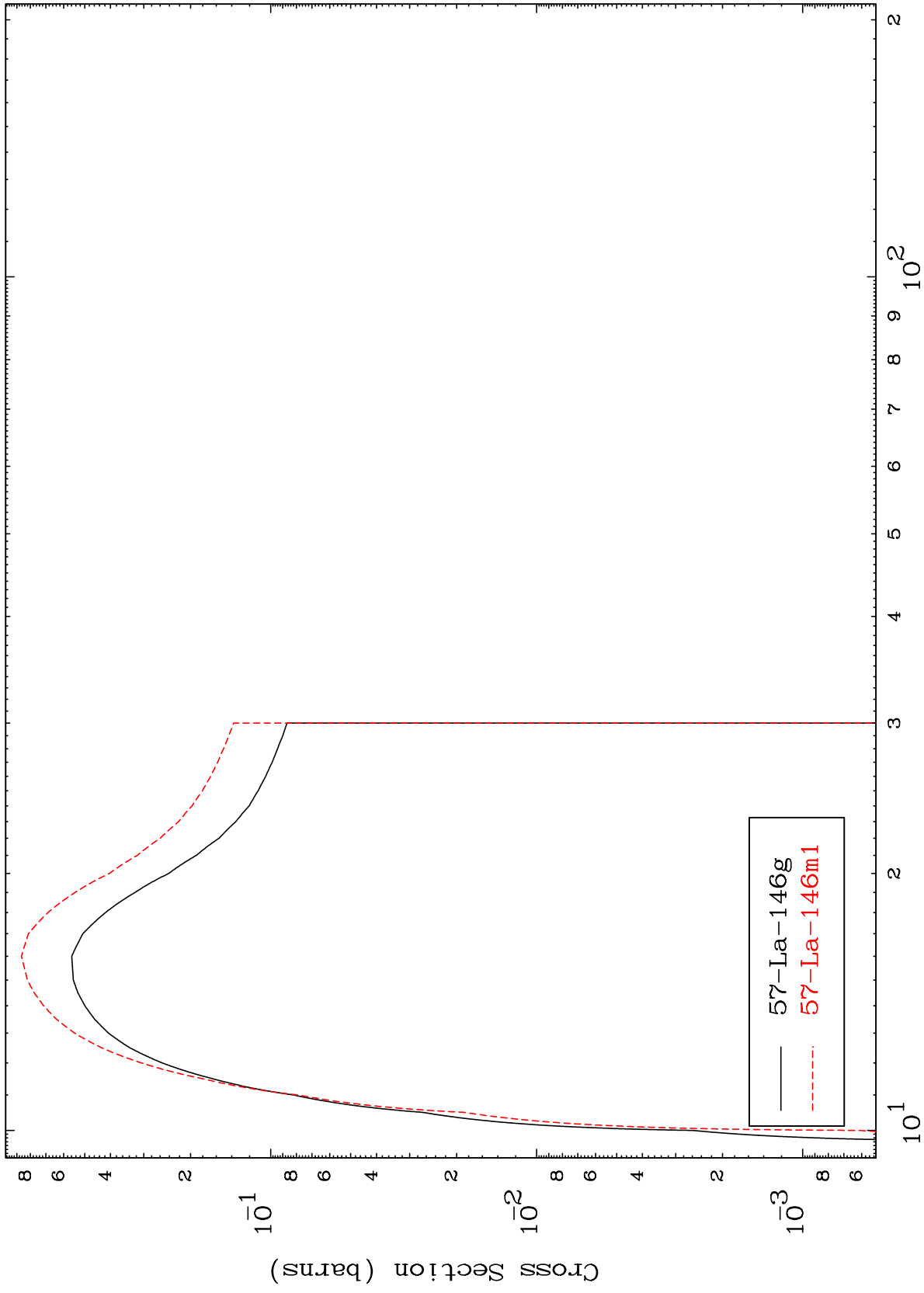
76

MAT 5755

(n,3n)

57-La-148

Radionuclide Production Cross Section



77

Incident Energy (MeV)

57-La-148