

Program EVALPLOT
(Version 2021-1)

by

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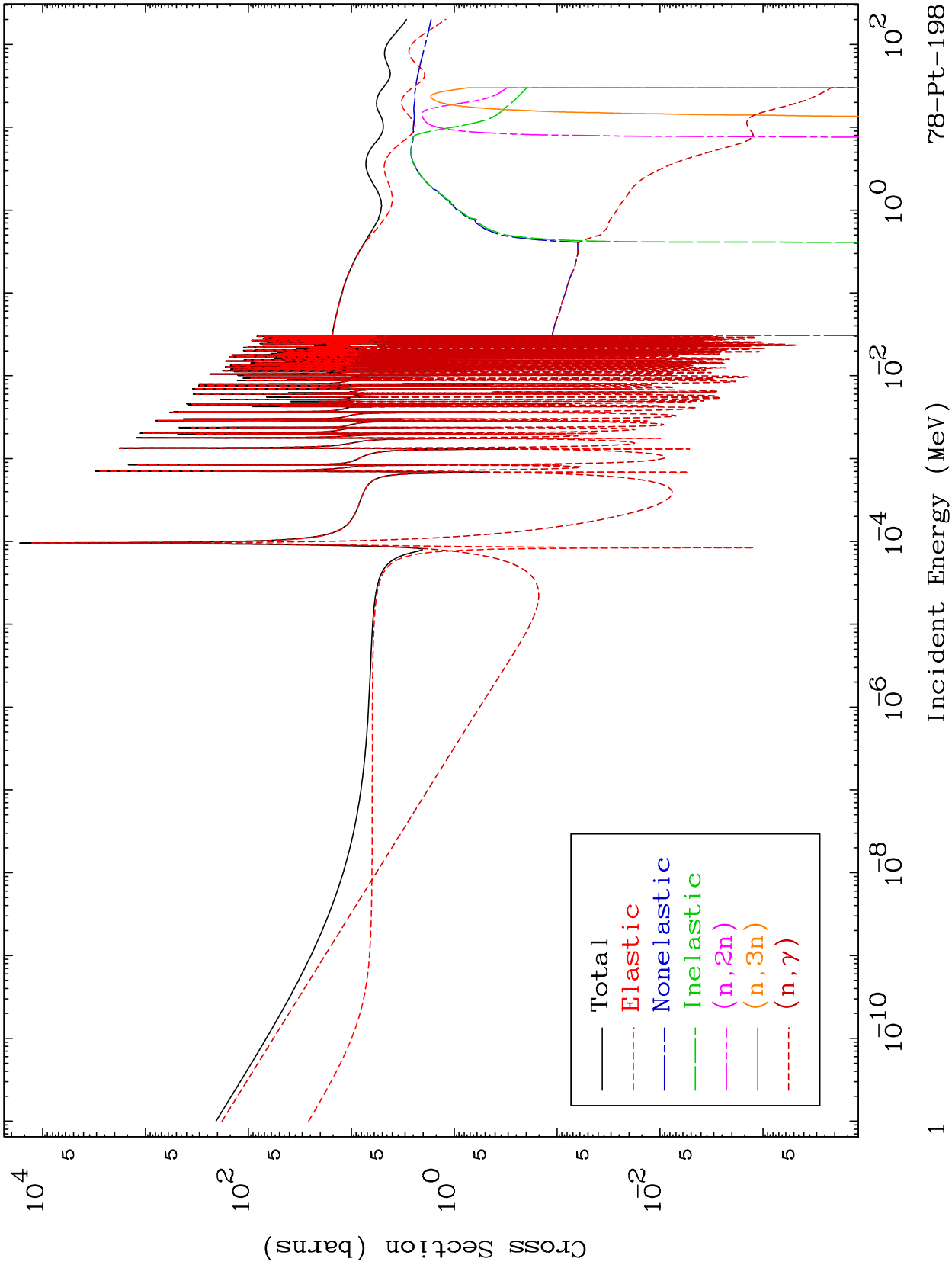
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7849

Neutron Major
293 Kelvin Cross Sections

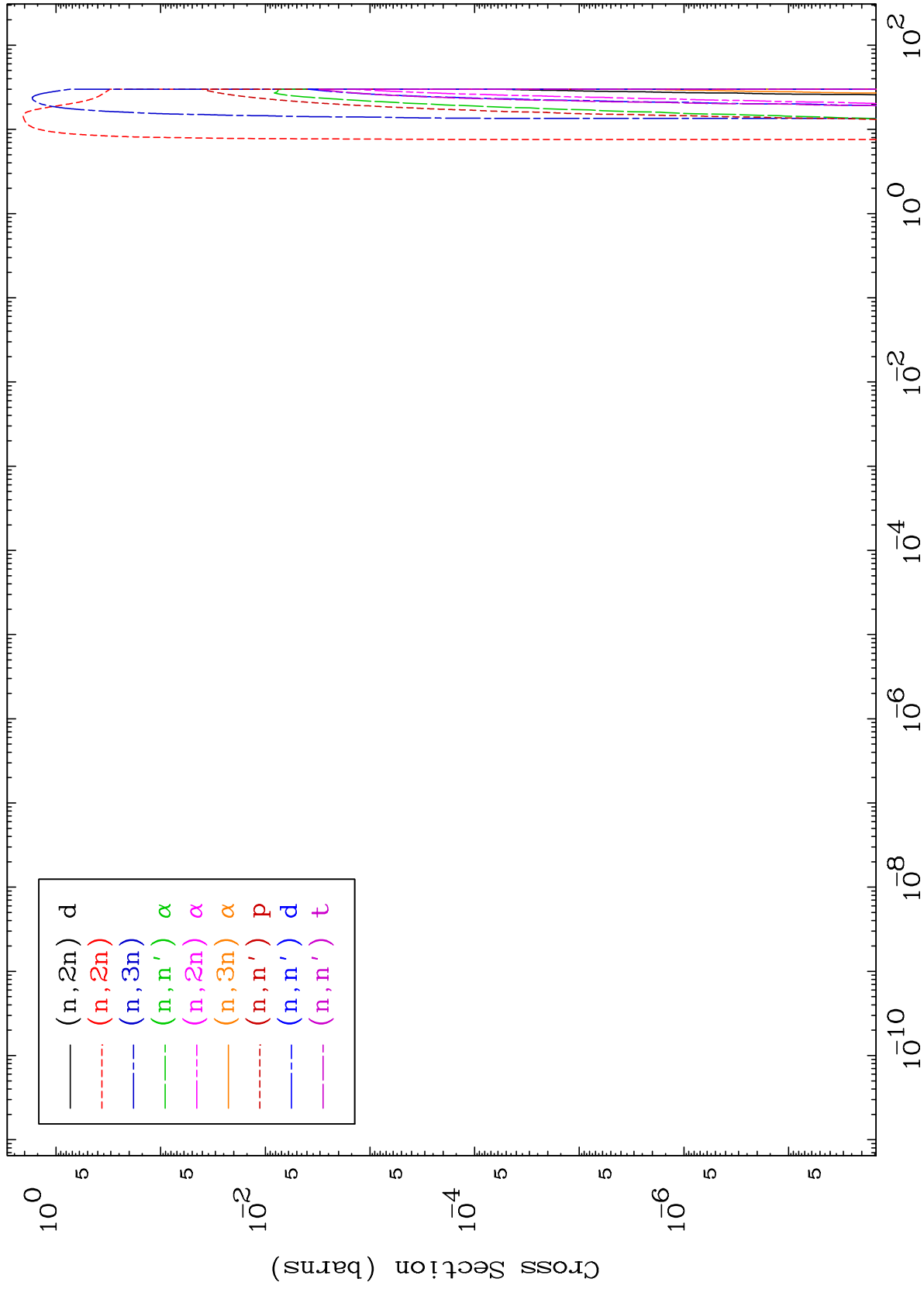
78-Pt-198



MAT 7849

Neutron Absorption
293 Kelvin Cross Sections

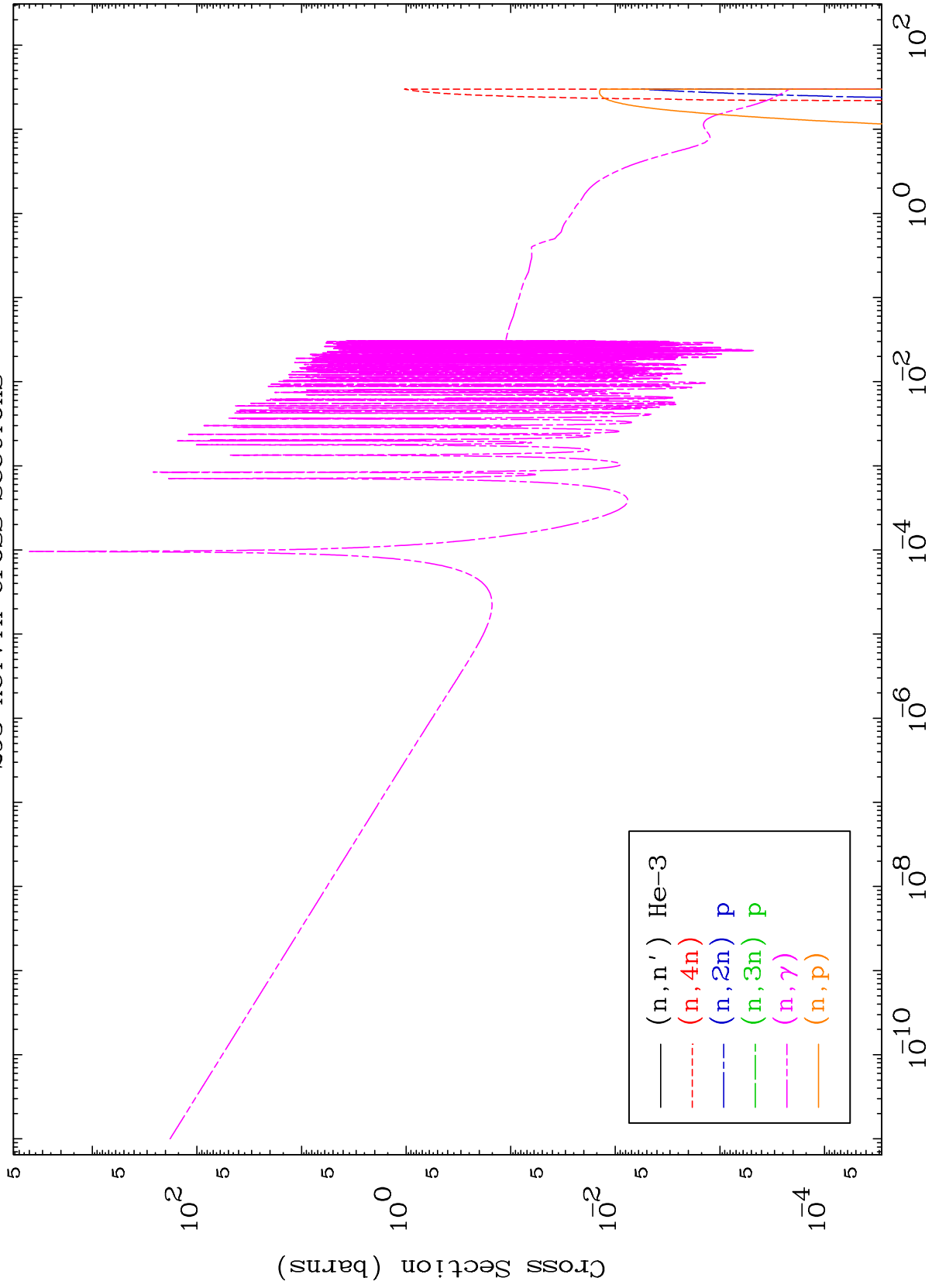
78-Pt-198



2

Incident Energy (MeV)

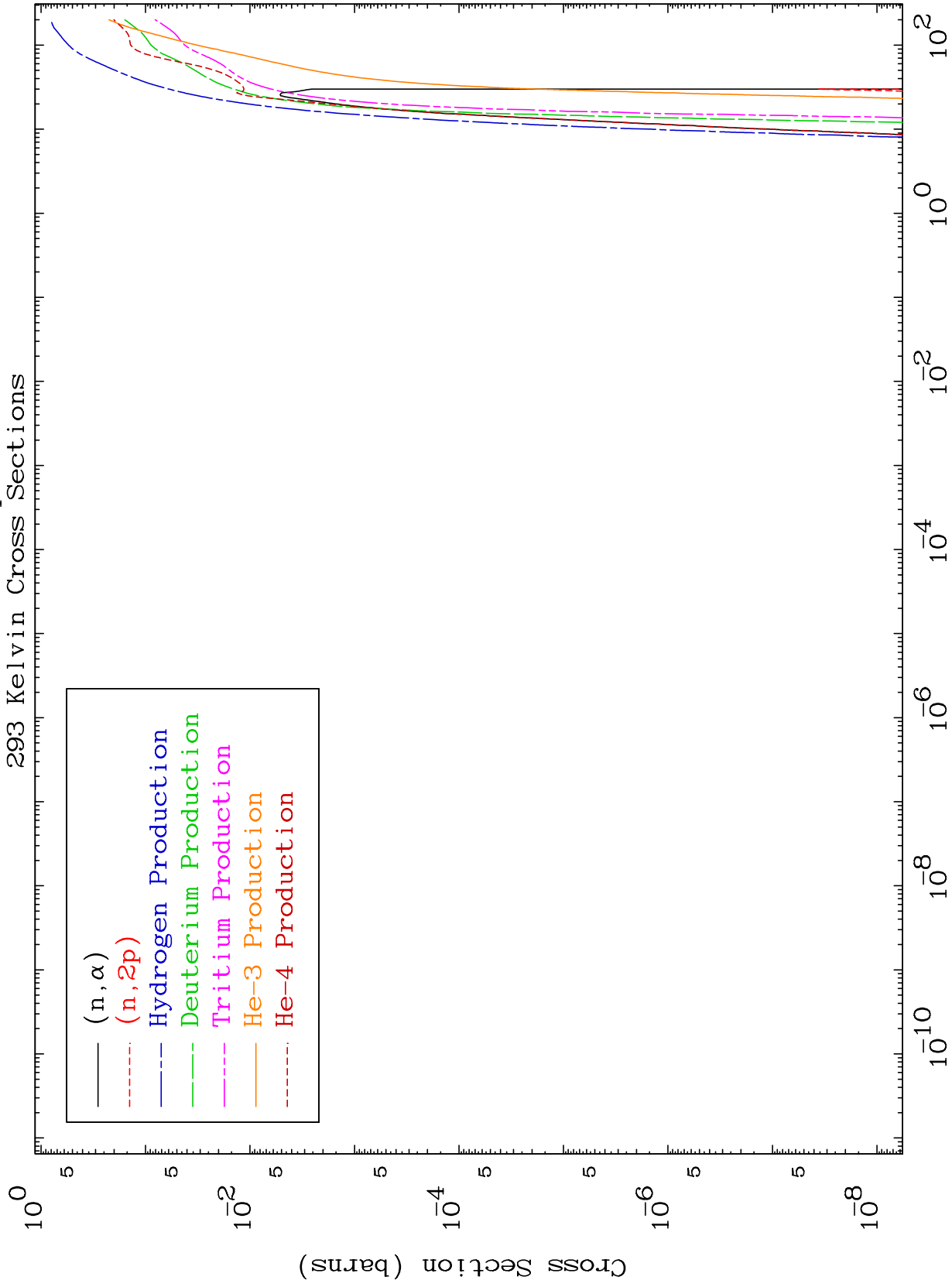
78-Pt-198



MAT 7849

Neutron Absorption
293 Kelvin Cross Sections

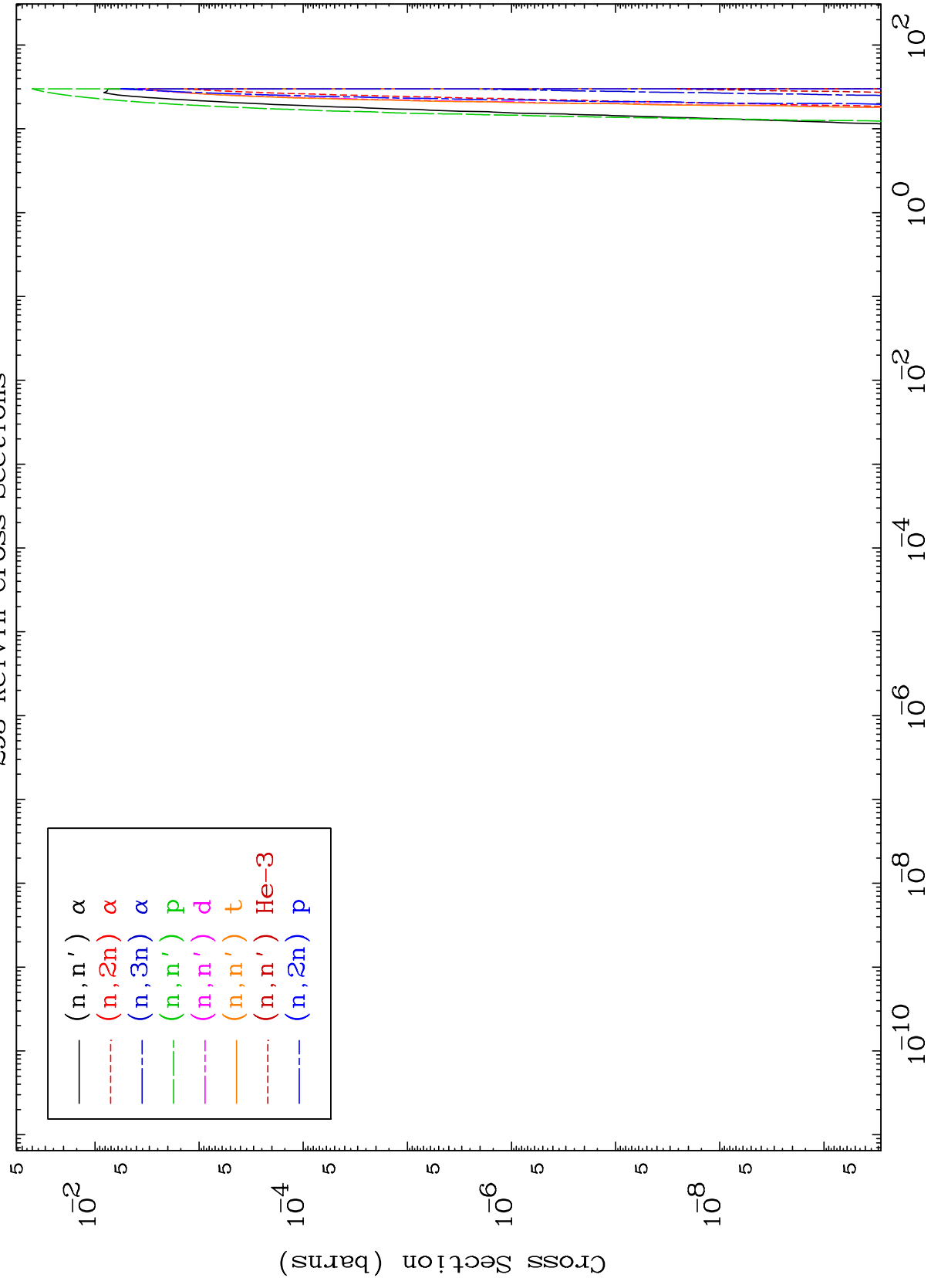
78-Pt-198



MAT 7849

293 Kelvin Cross Sections

78-Pt-198



5

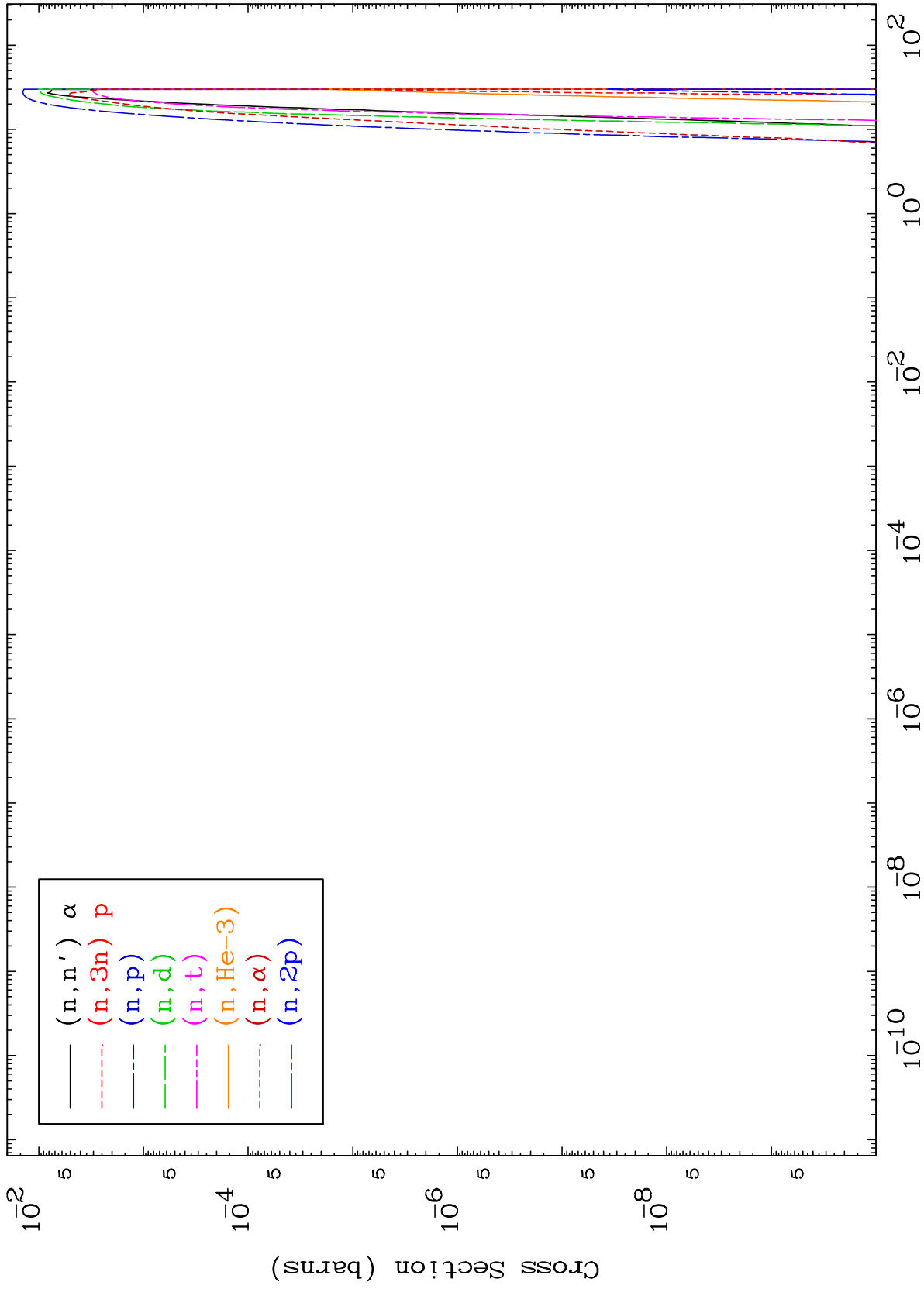
Incident Energy (MeV)

78-Pt-198

MAT 7849

Charged Particle
293 Kelvin Cross Sections

78-Pt-198



6

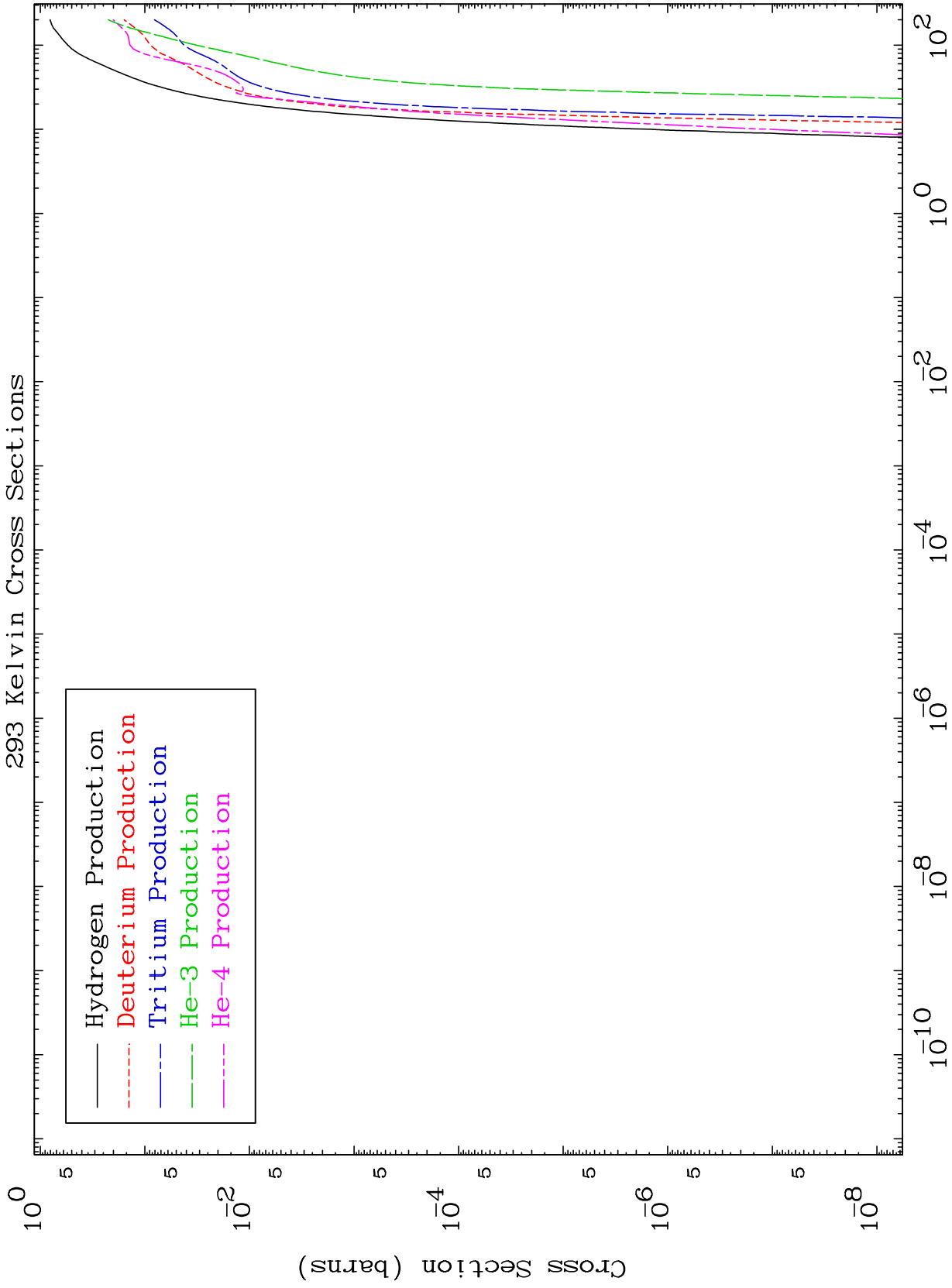
Incident Energy (MeV)

78-Pt-198

MAT 7849

Particle Production
293 Kelvin Cross Sections

78-Pt-198



7

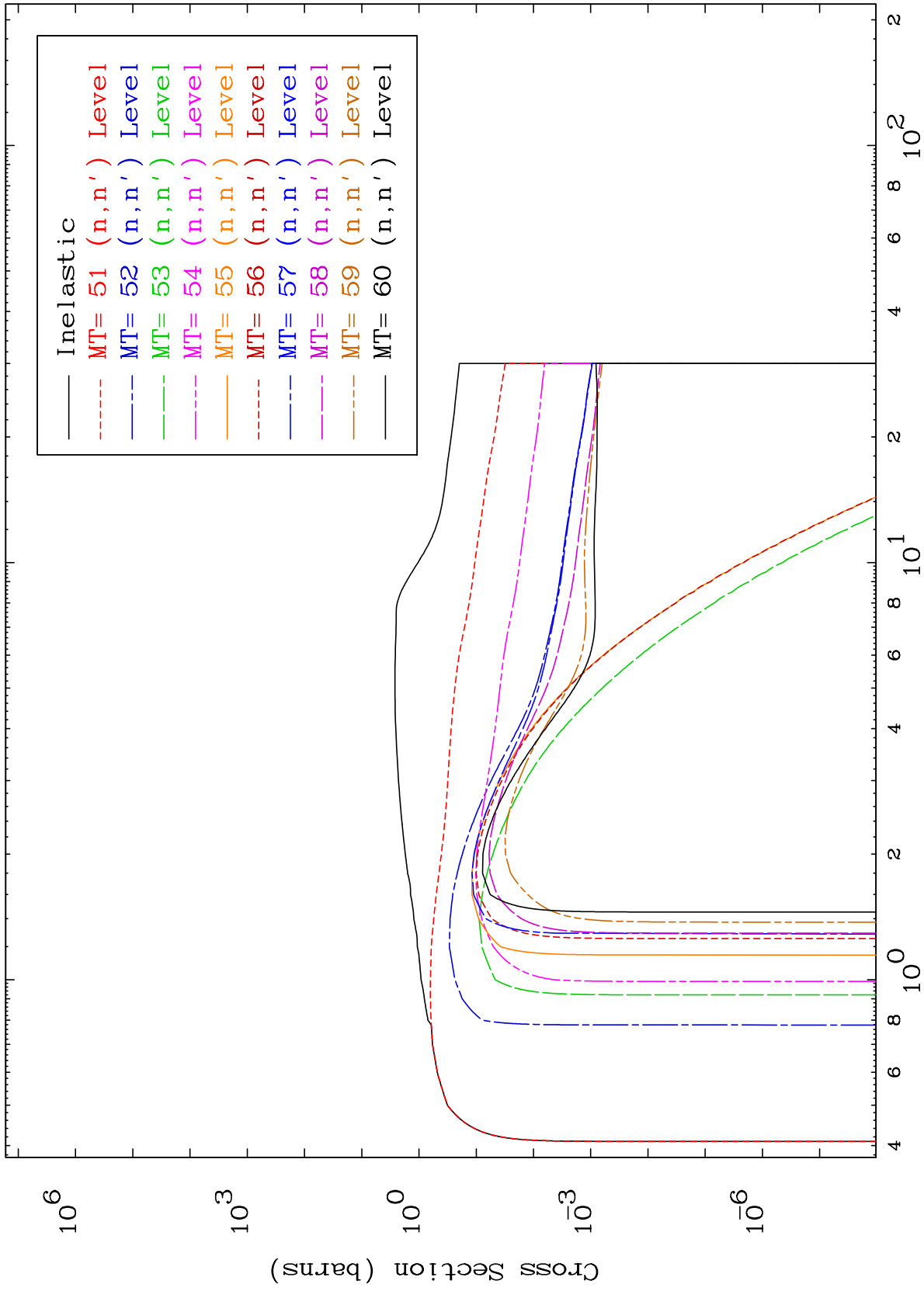
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,n') Levels
293 Kelvin Cross Sections

78-Pt-198



8

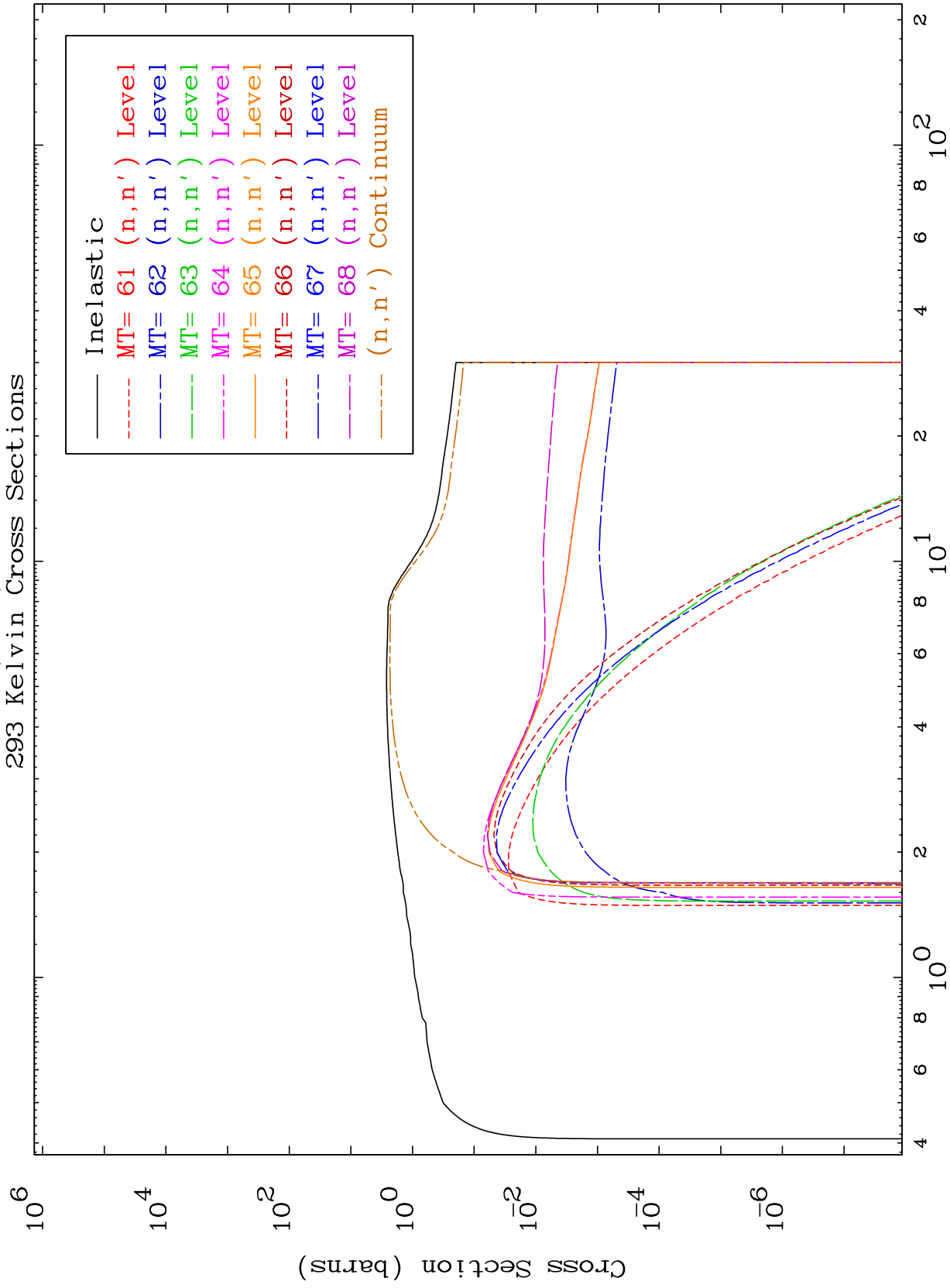
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,n') Levels

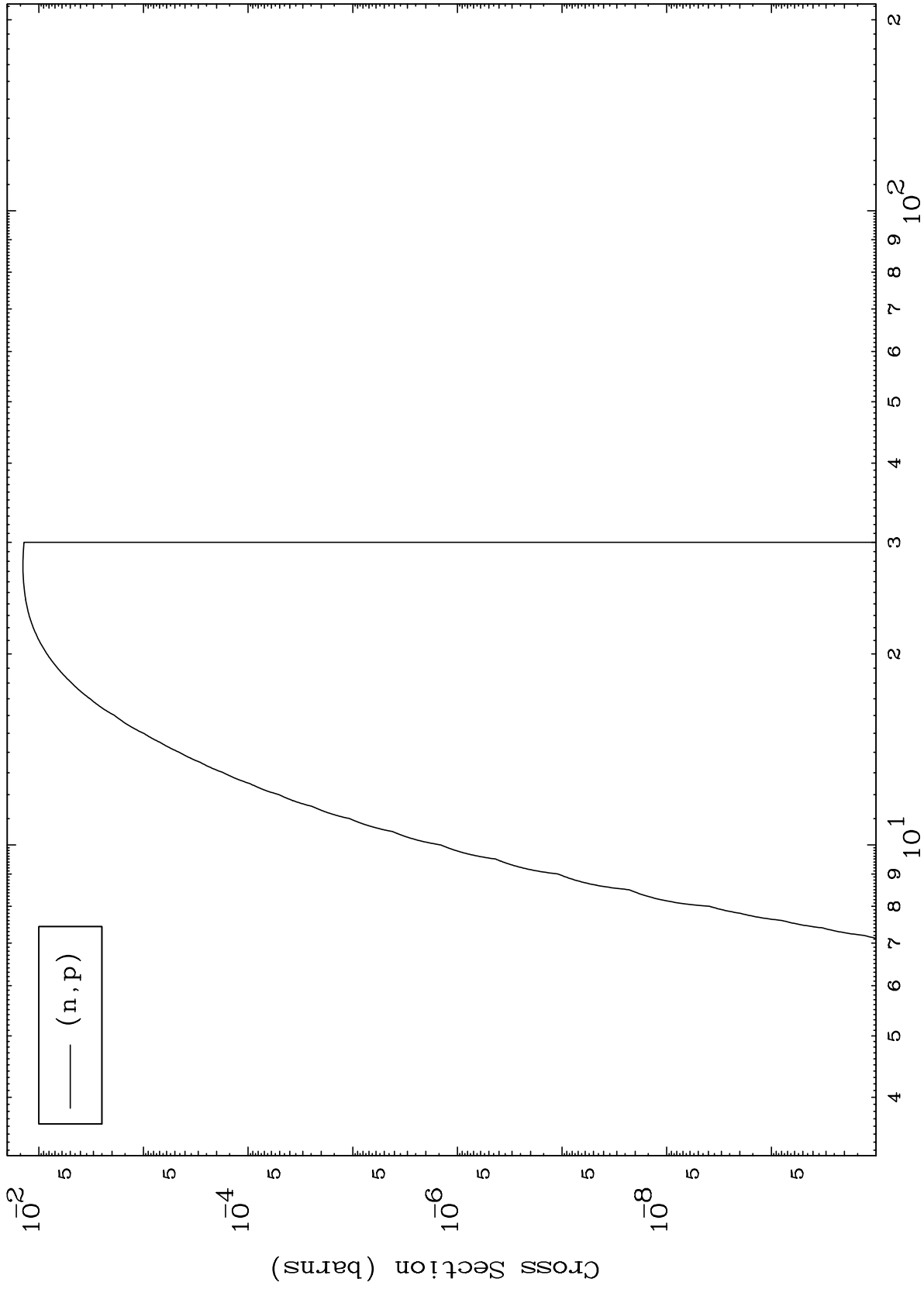
78-Pt-198



MAT 7849

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-198



10

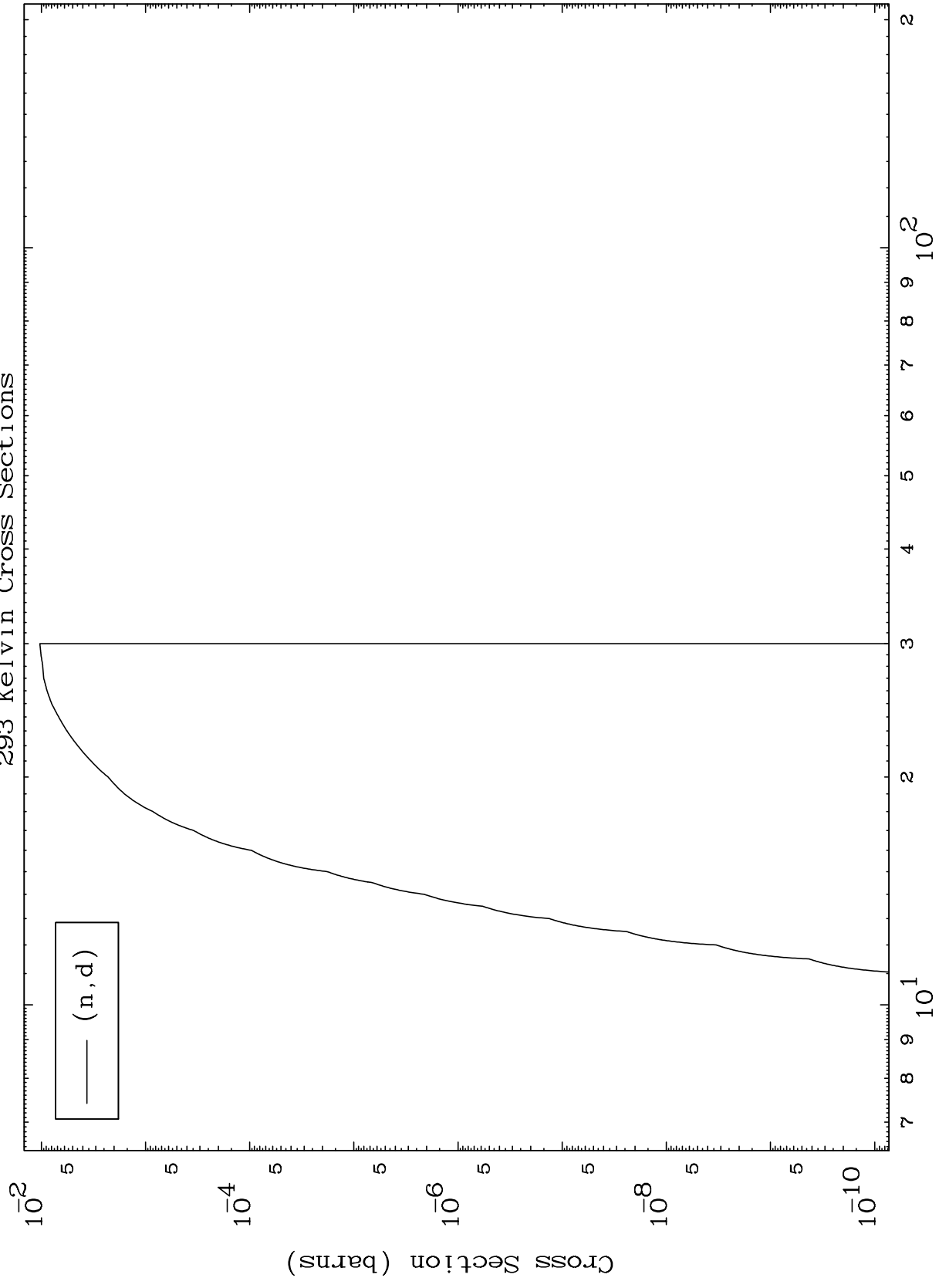
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,d) Levels
293 Kelvin Cross Sections

78-Pt-198



11

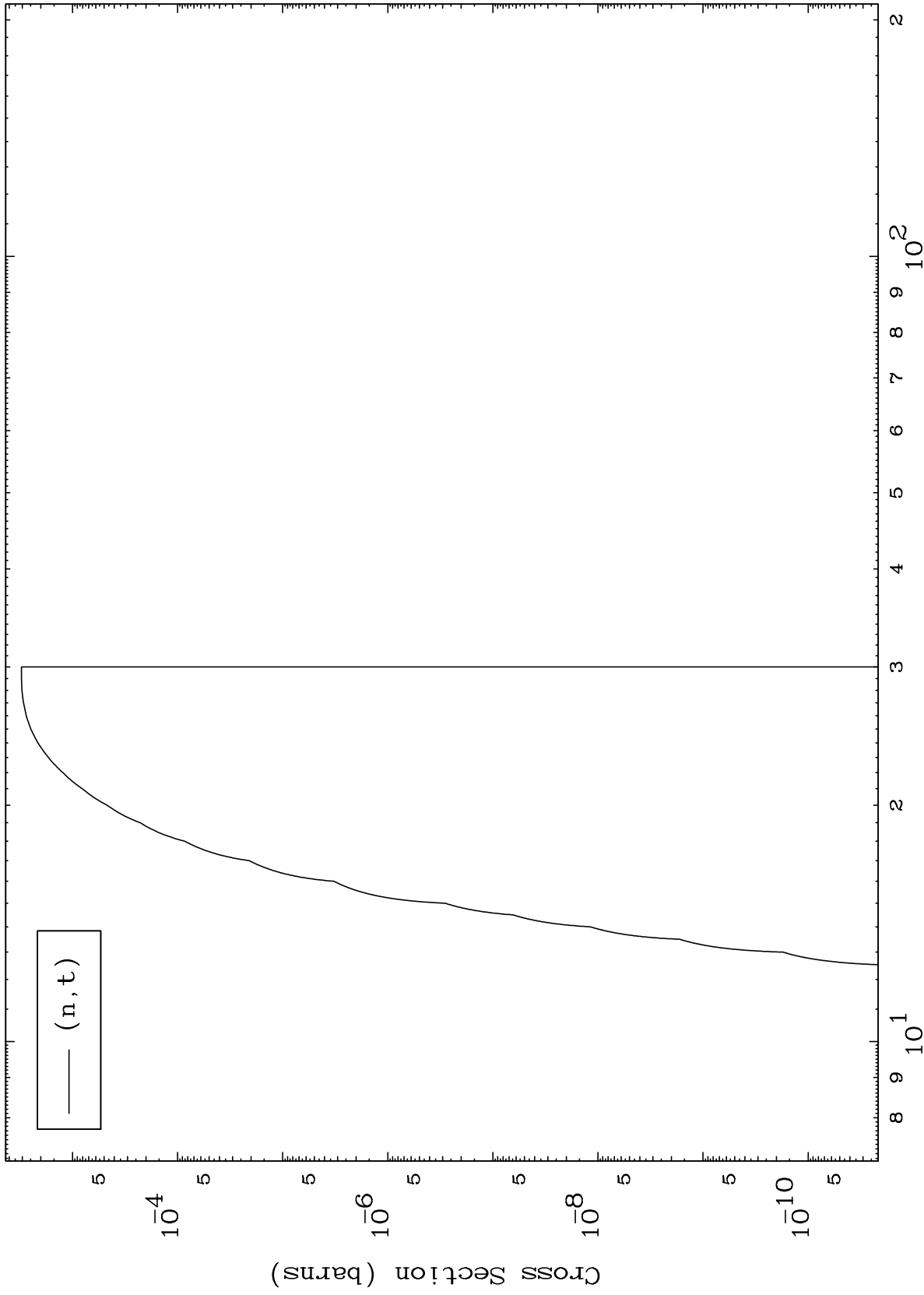
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-198



12

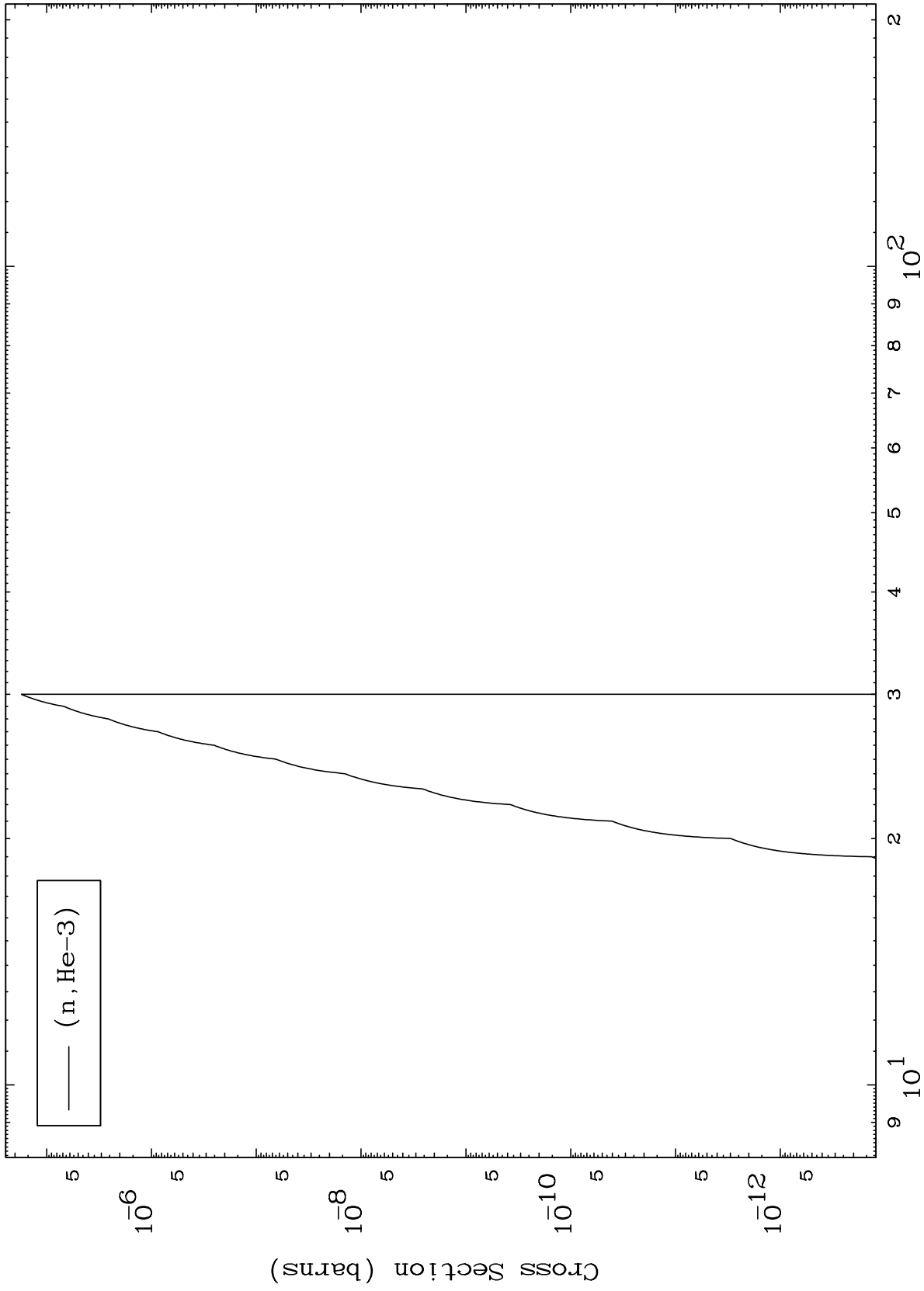
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-198



13

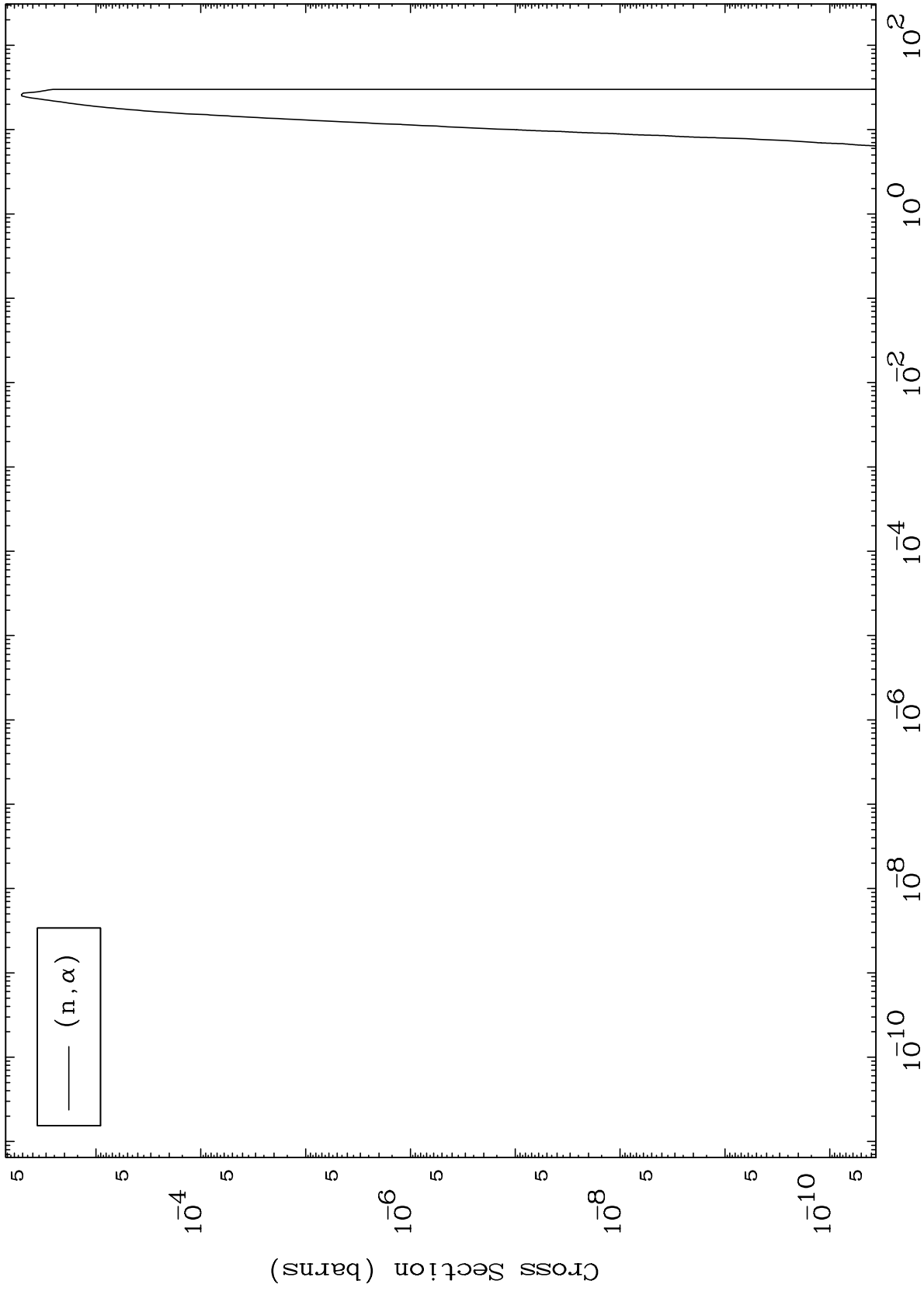
Incident Energy (MeV)

78-Pt-198

MAT 7849

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-198



14

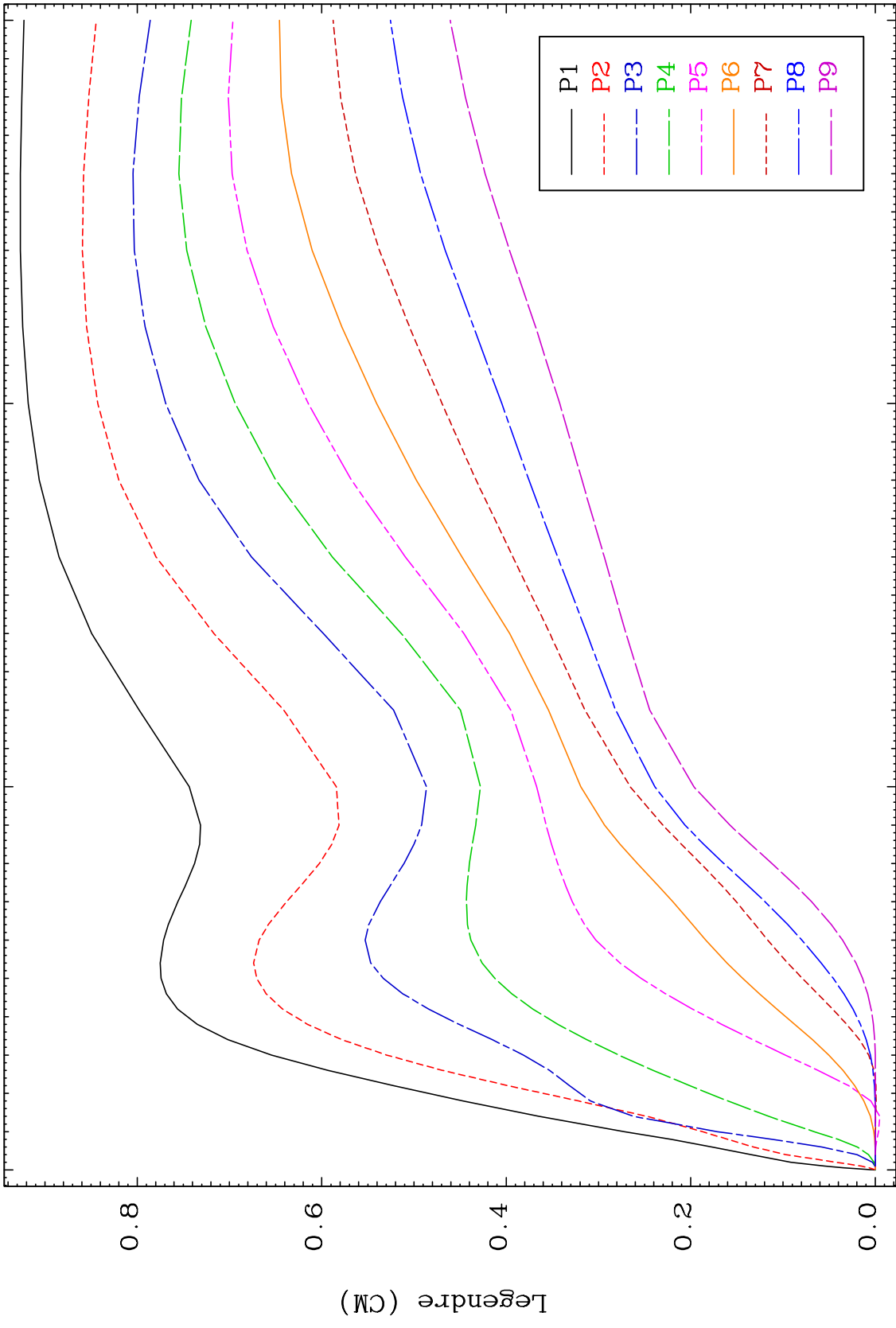
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

Elastic Legendre Coefficients



0

15

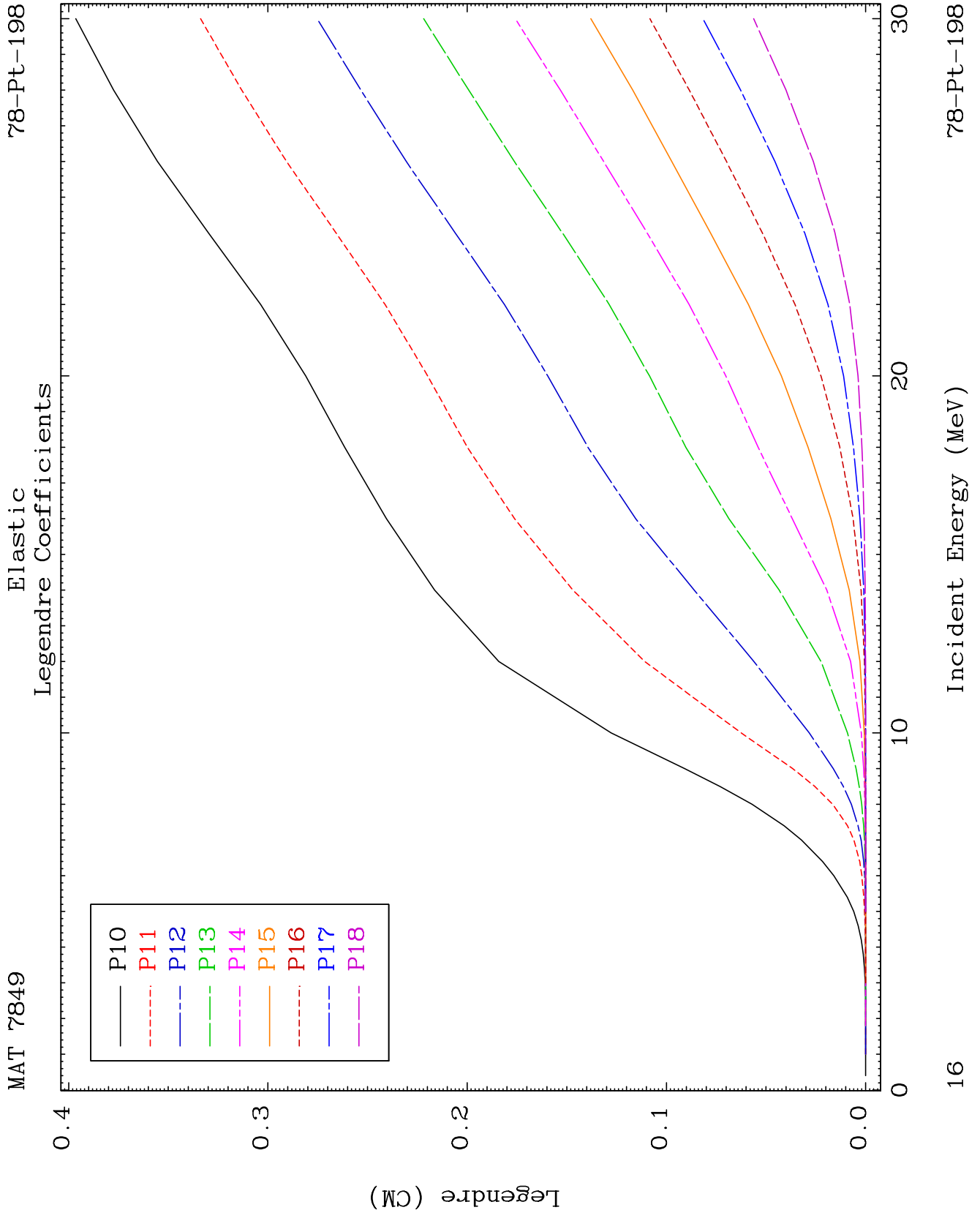
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Incident Energy (MeV)

10

20

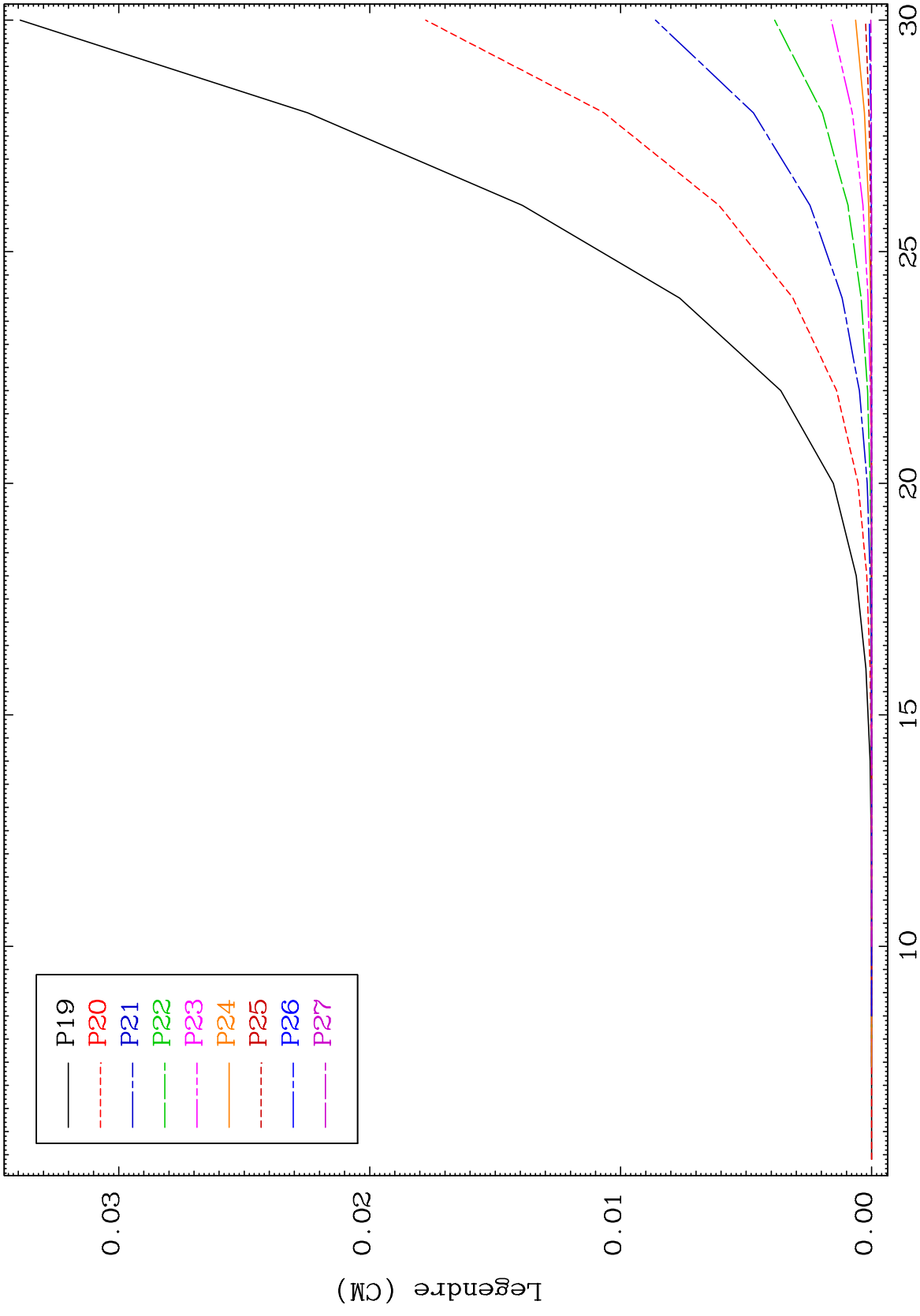
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MAT 7849

Elastic Legendre Coefficients

78-Pt-198



17

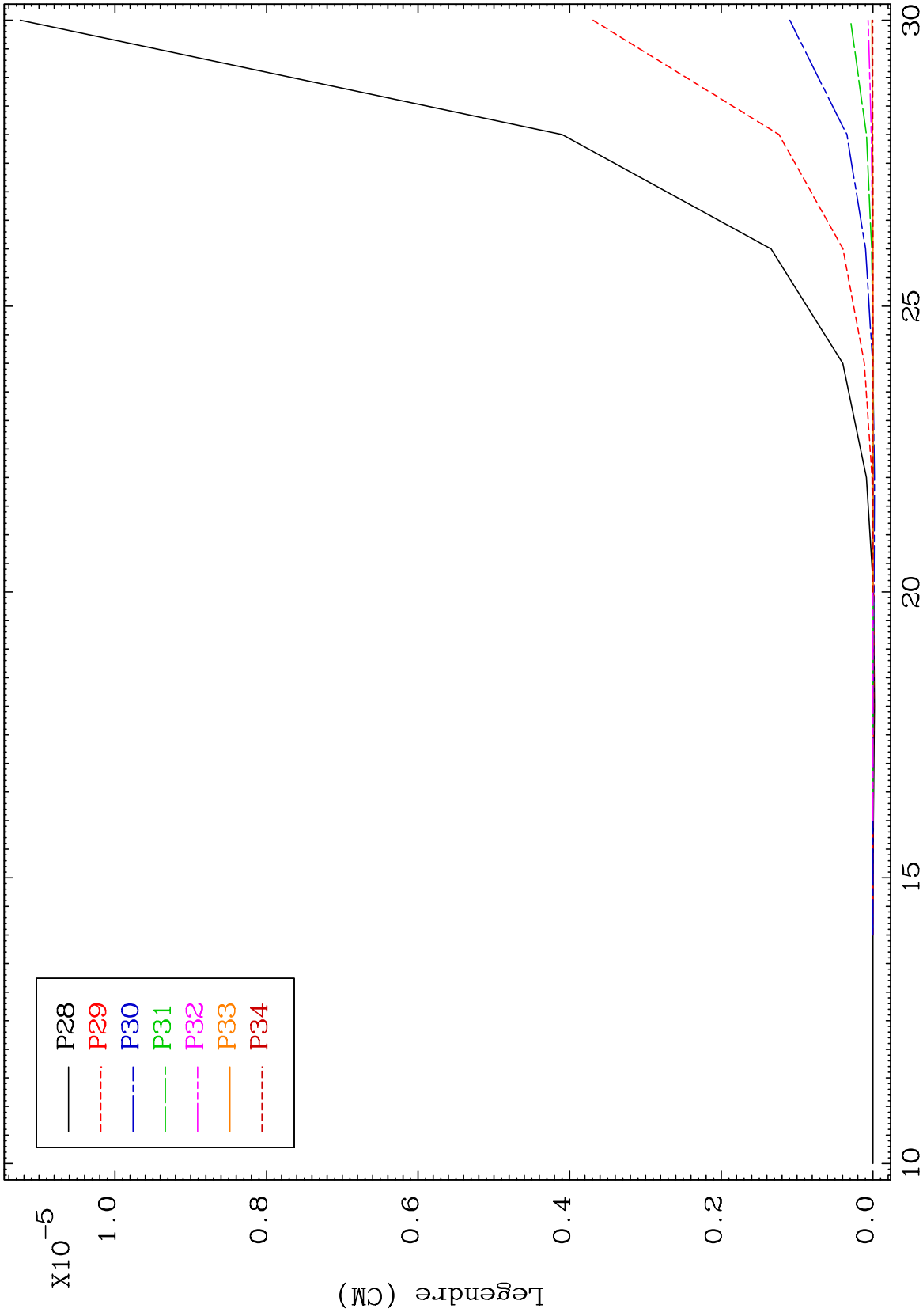
Incident Energy (MeV)

78-Pt-198

MAT 7849

Elastic Legendre Coefficients

78-Pt-198



18

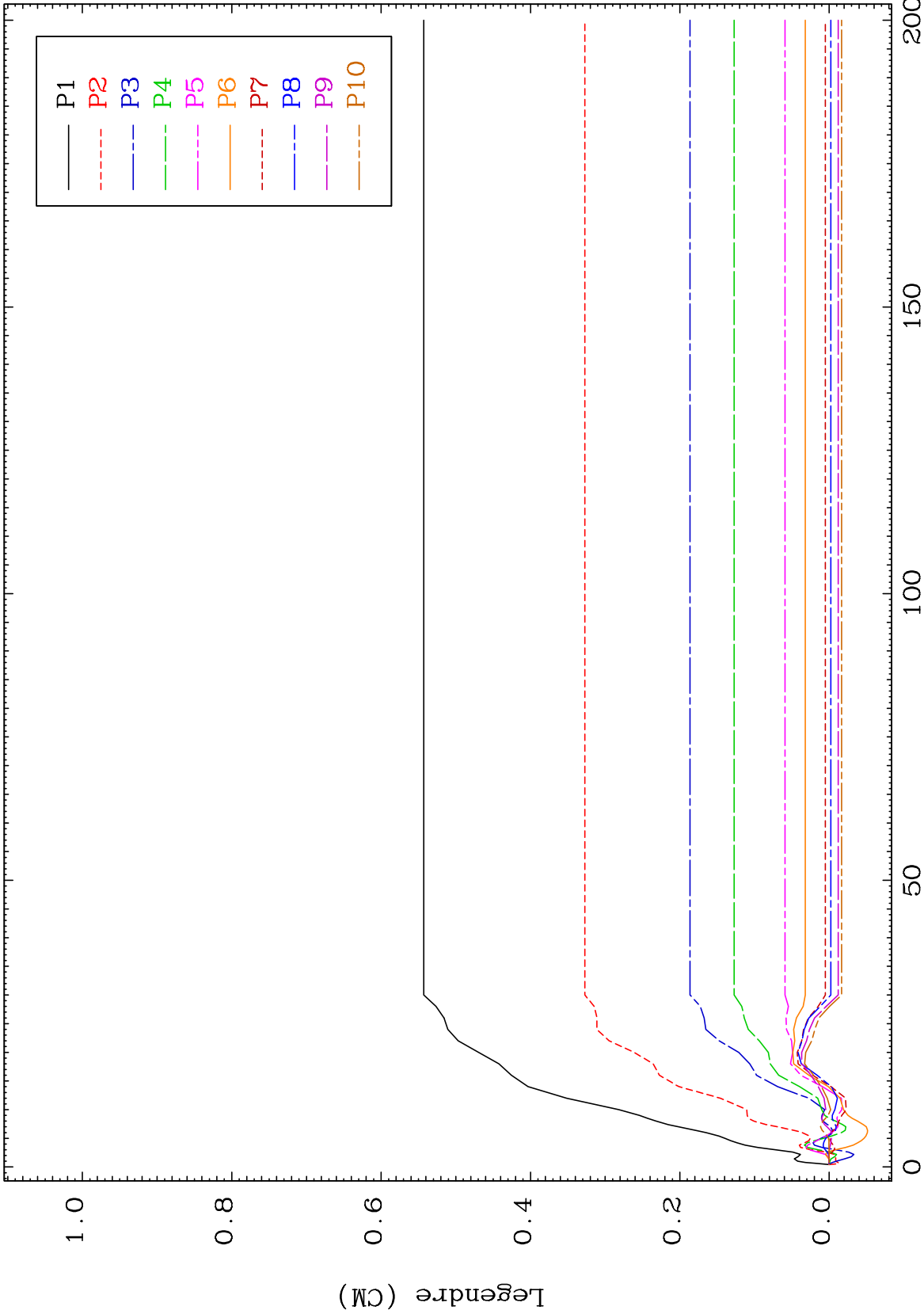
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



19

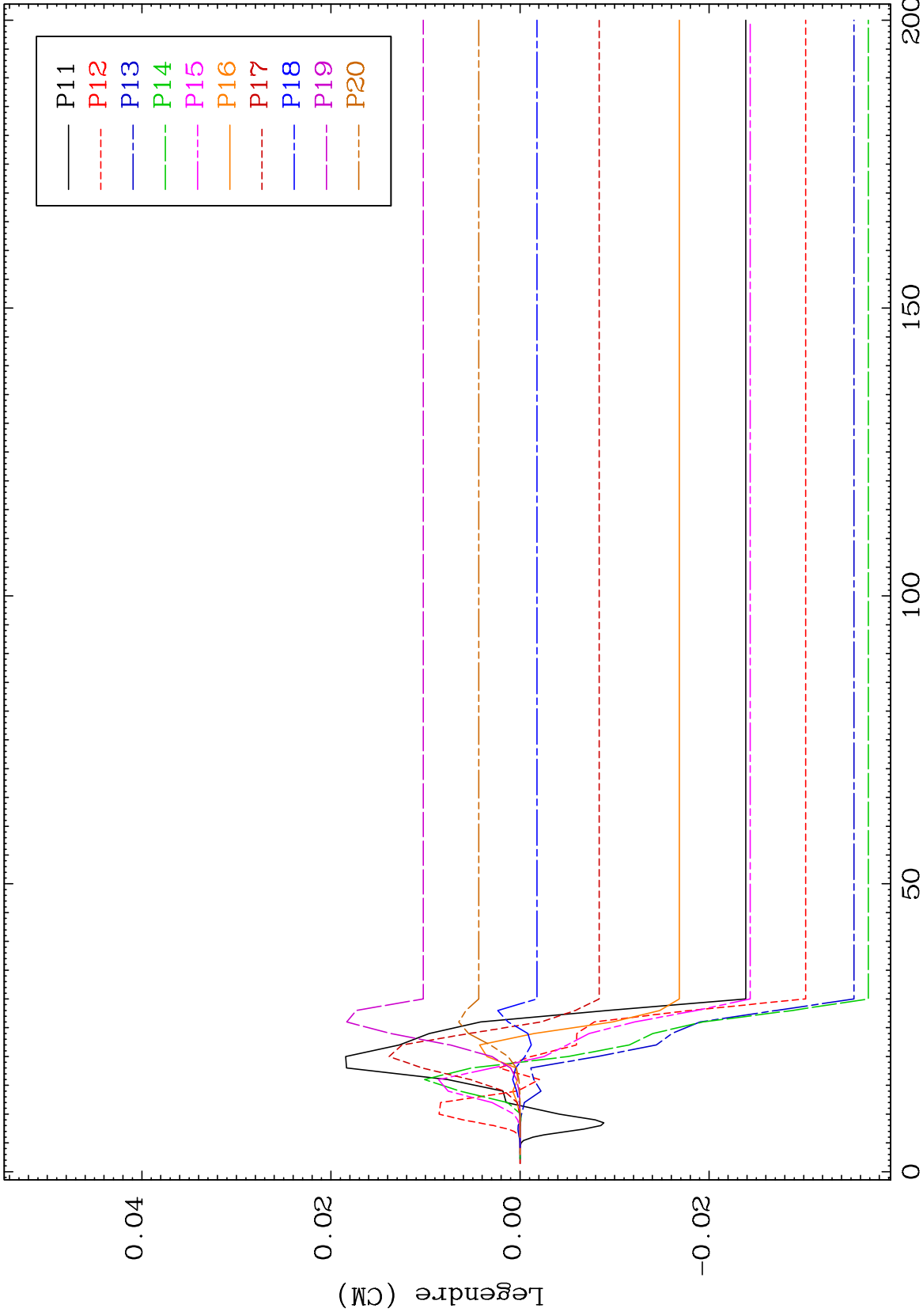
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



20

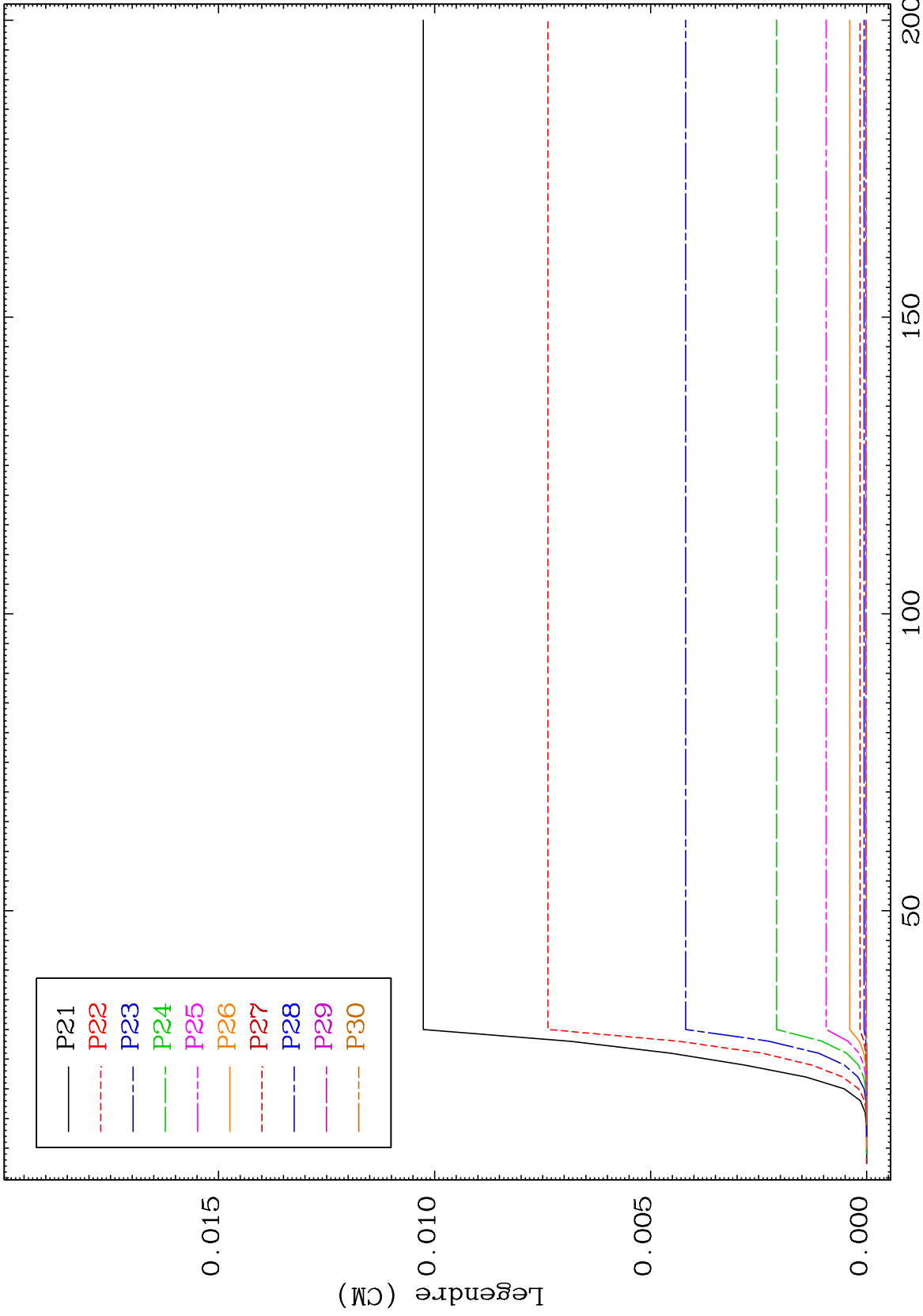
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



21

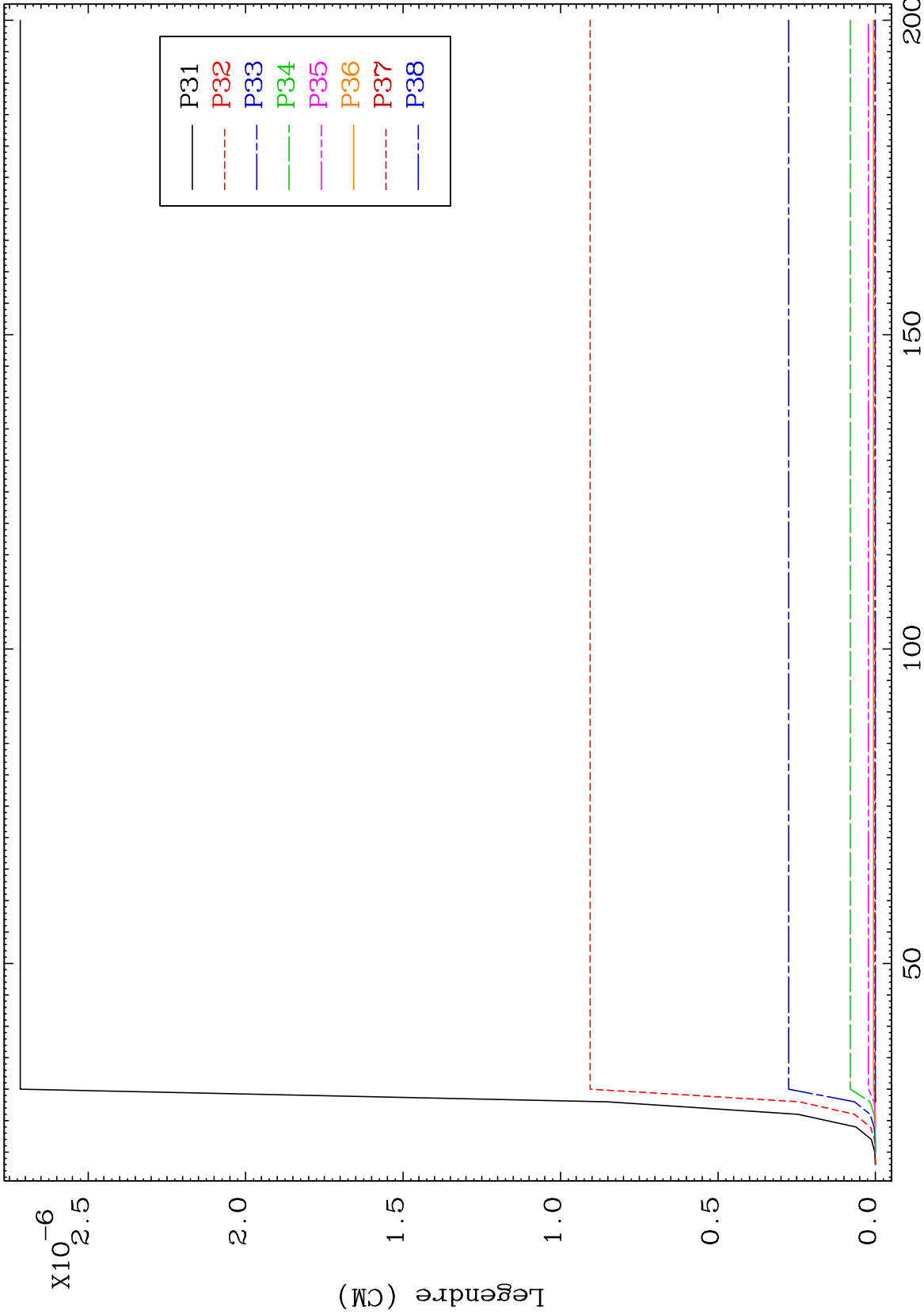
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



22

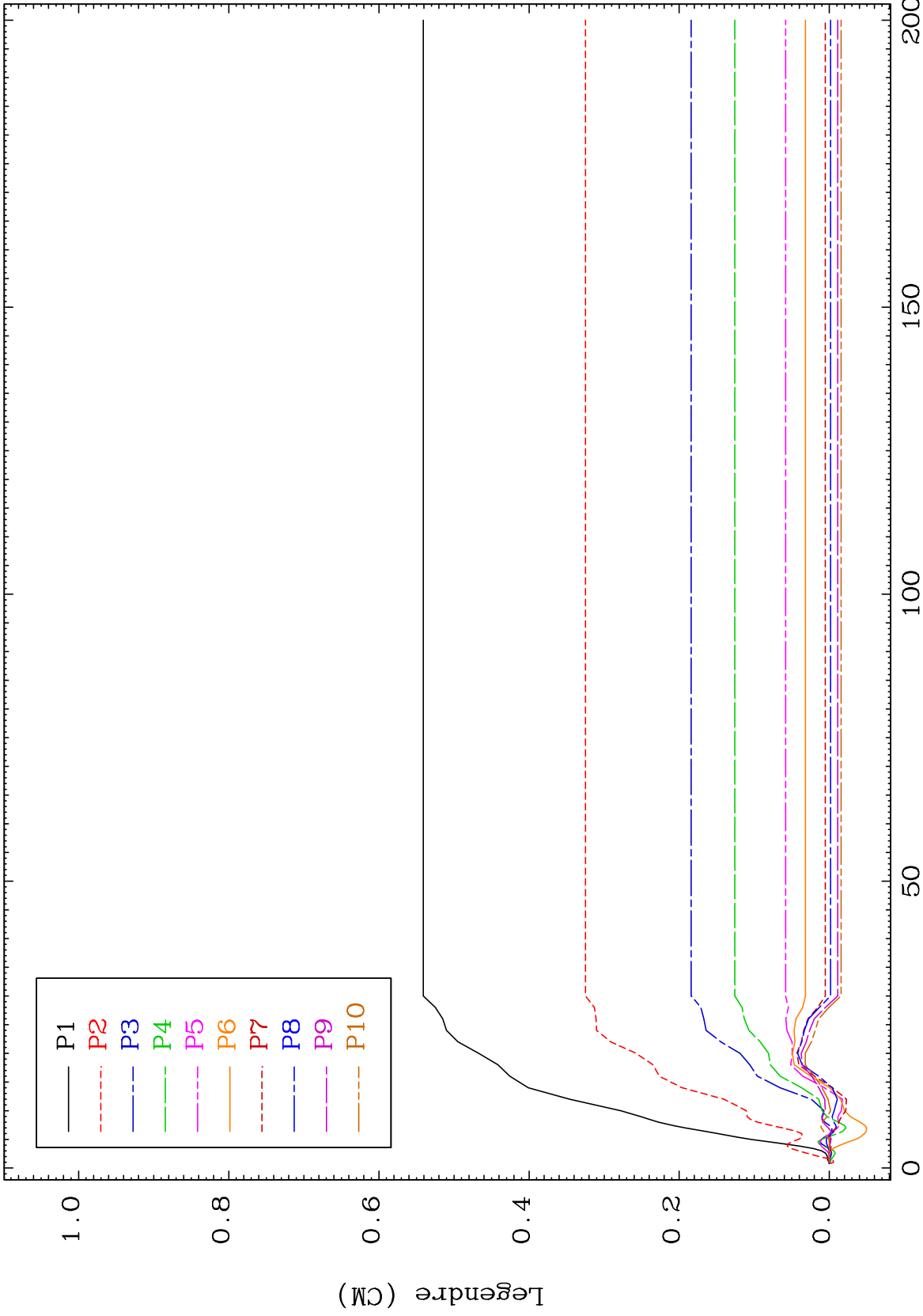
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



23

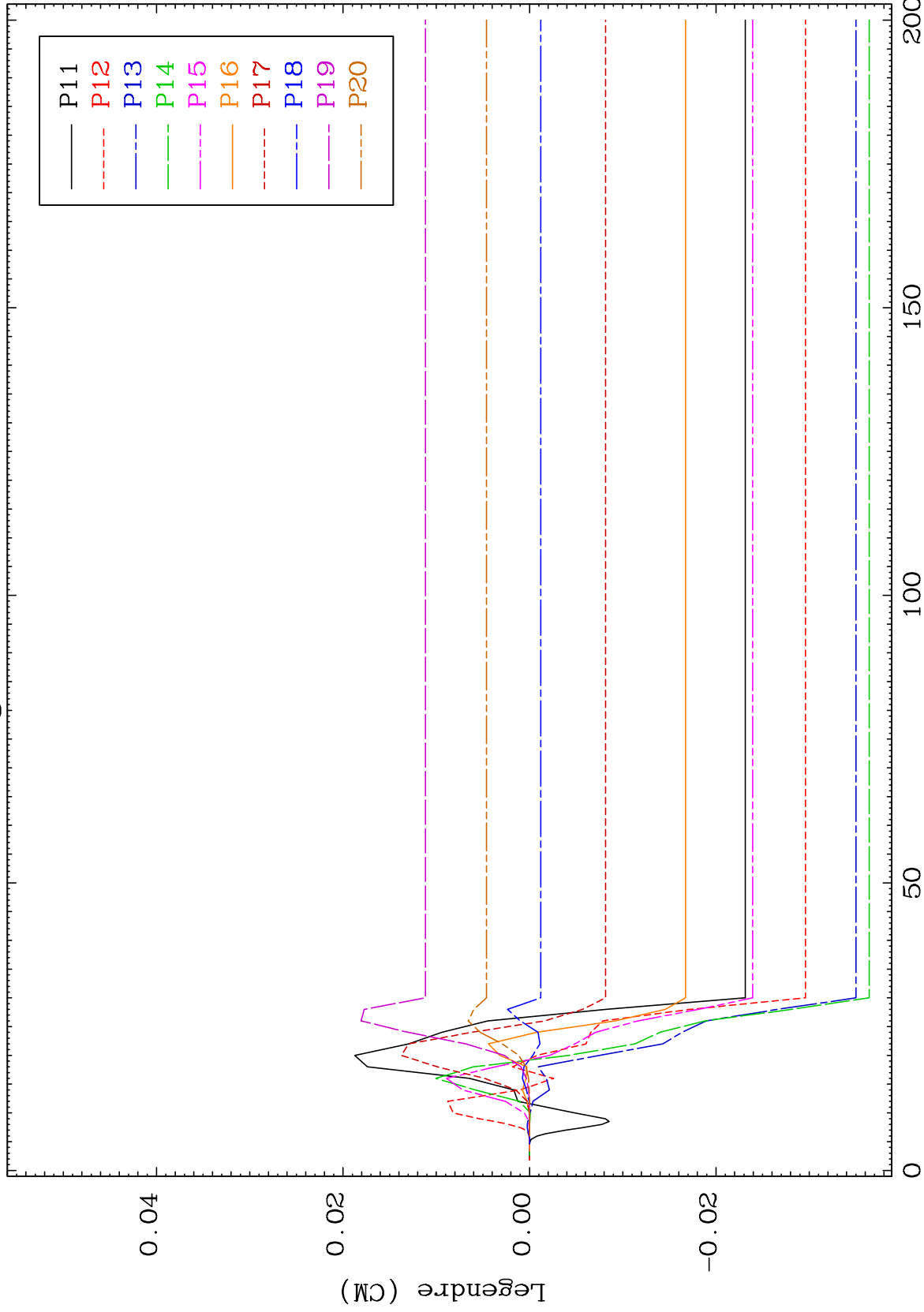
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



24

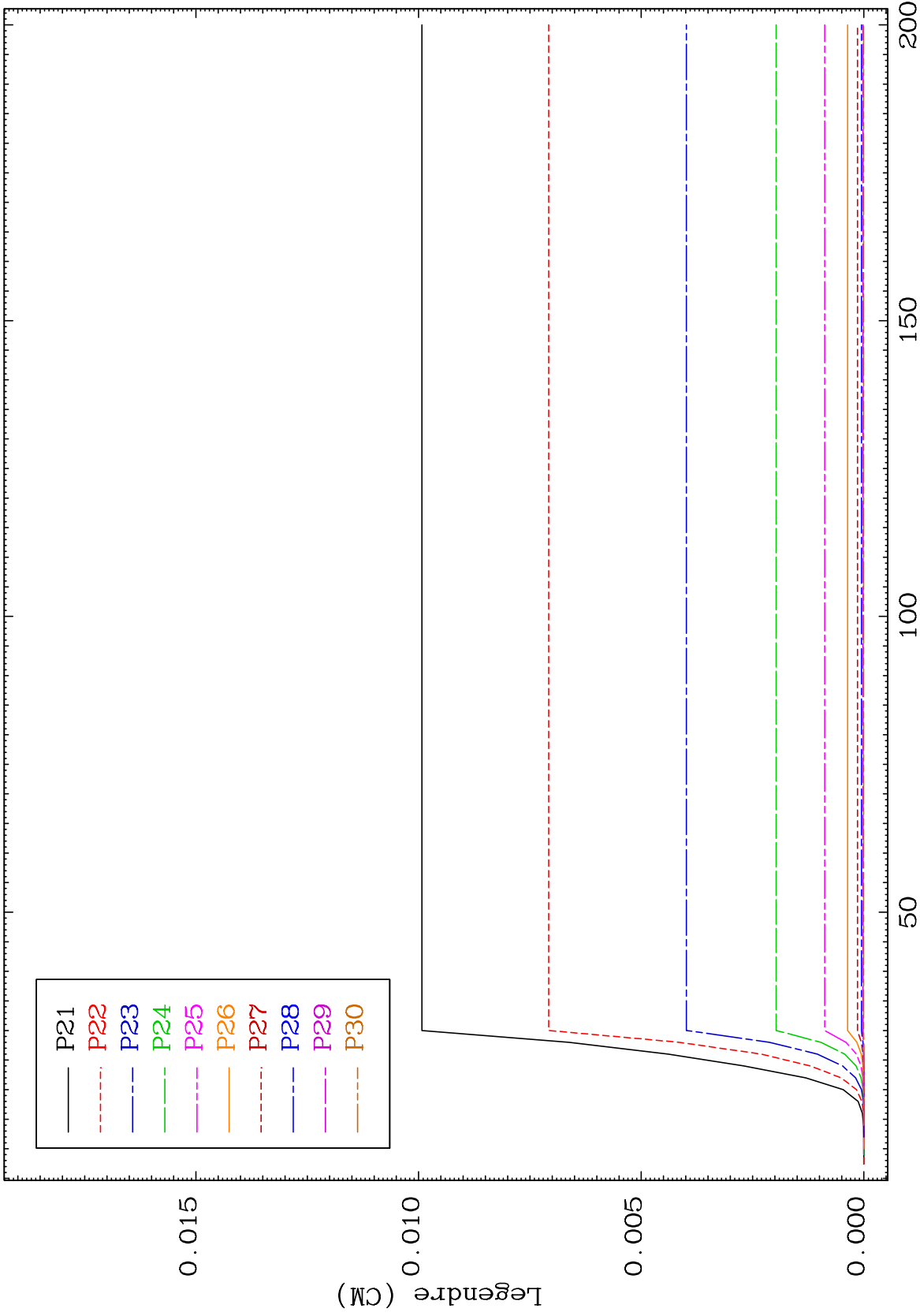
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



25

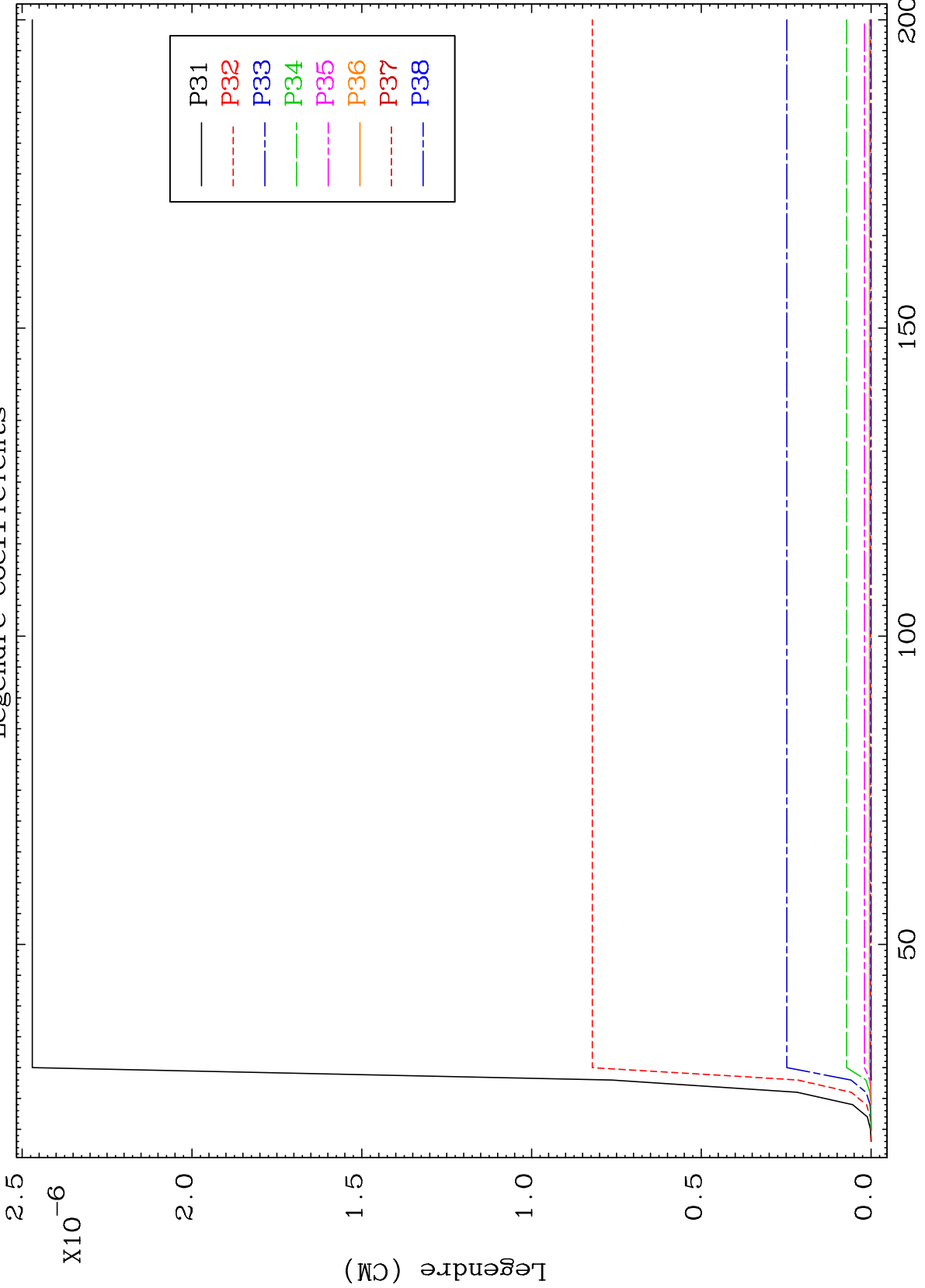
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



26

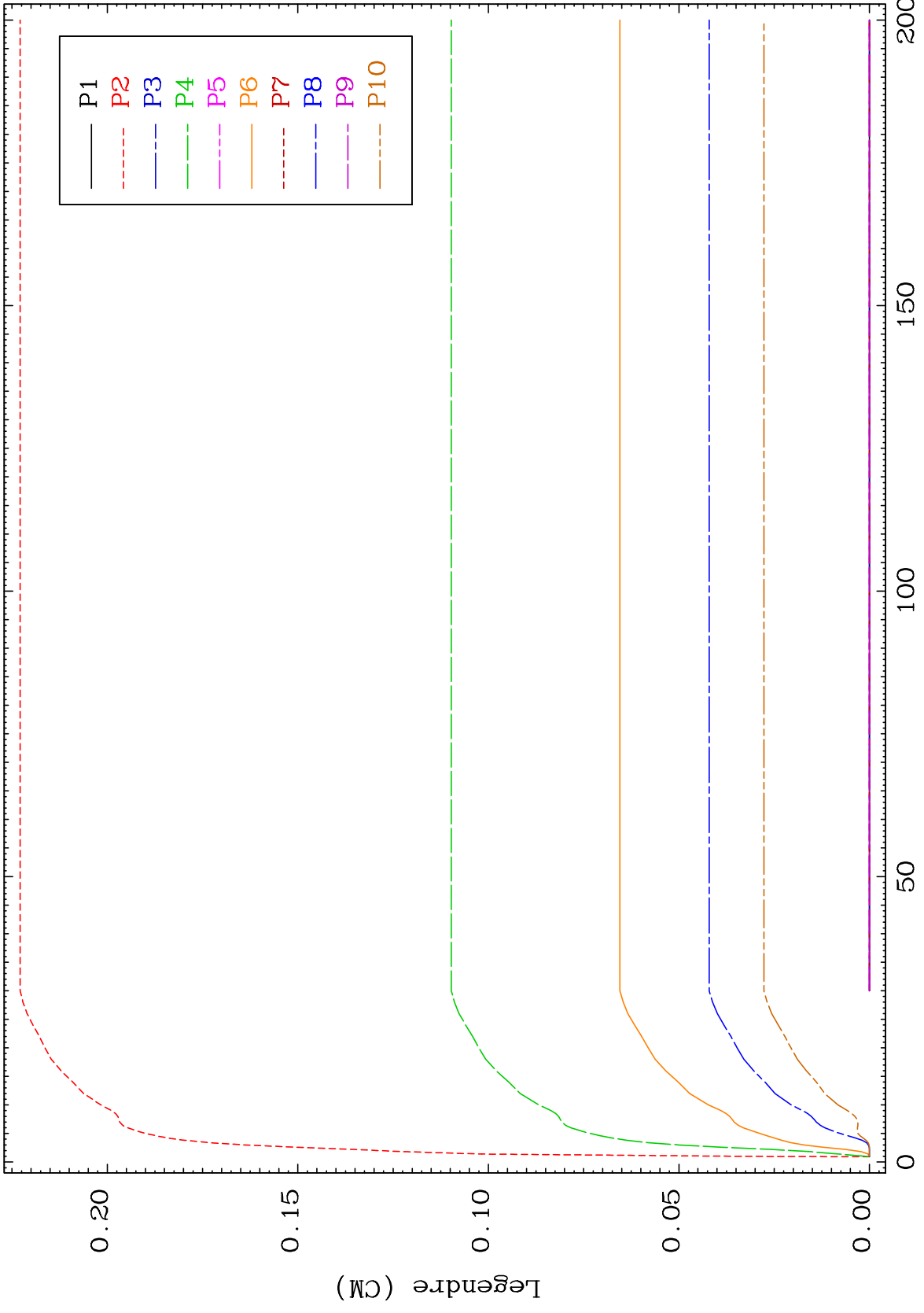
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



27

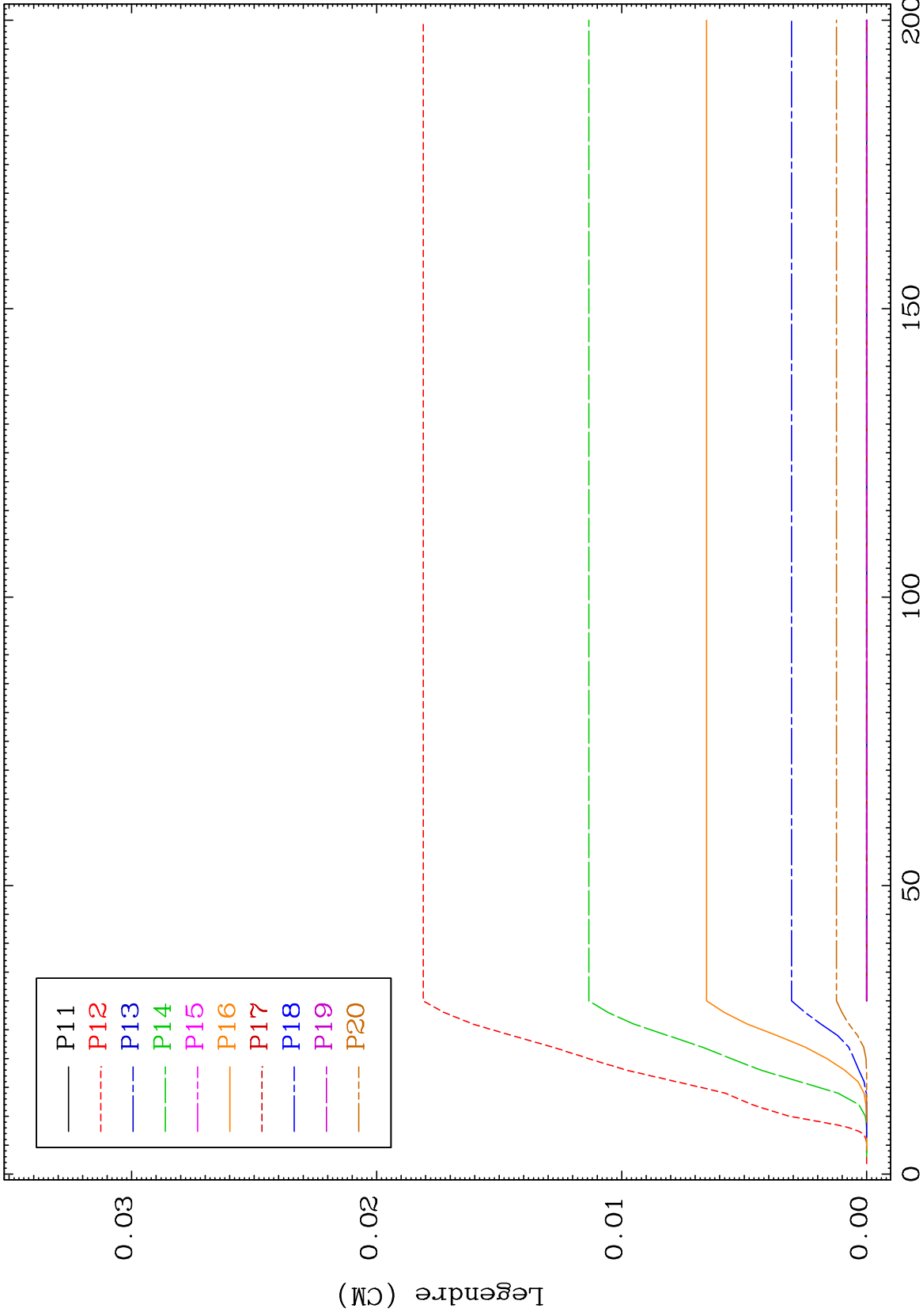
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



28

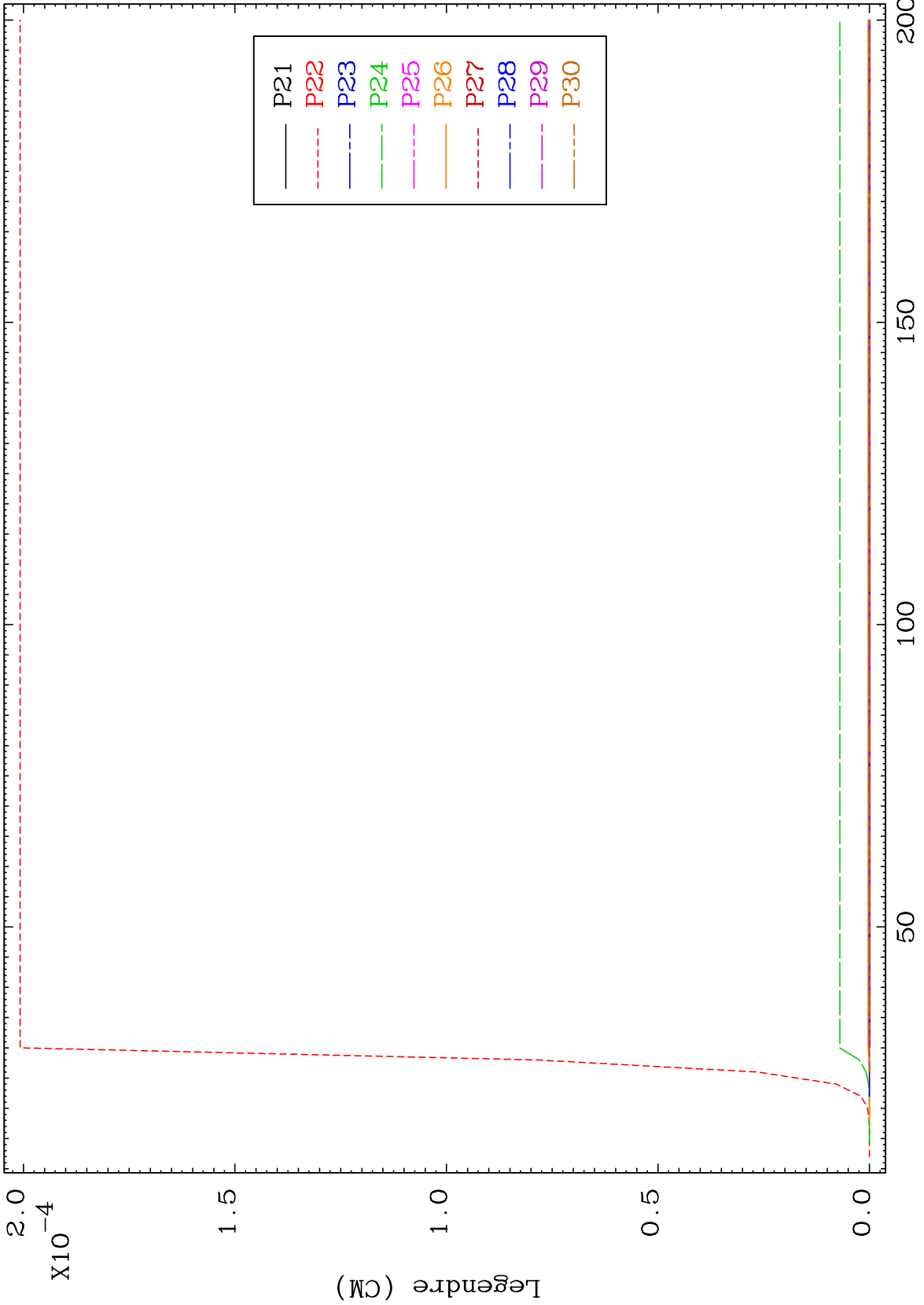
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



29

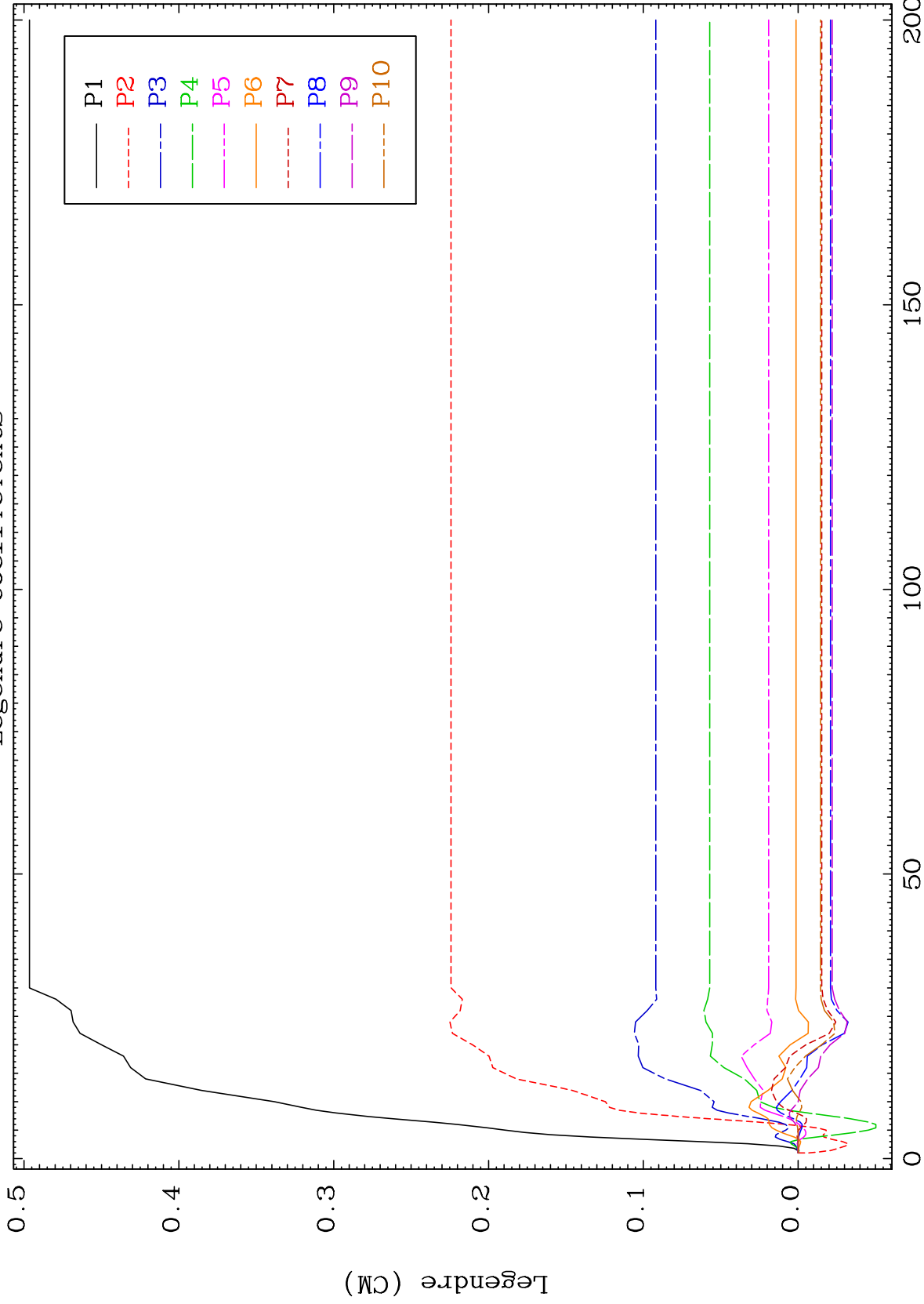
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

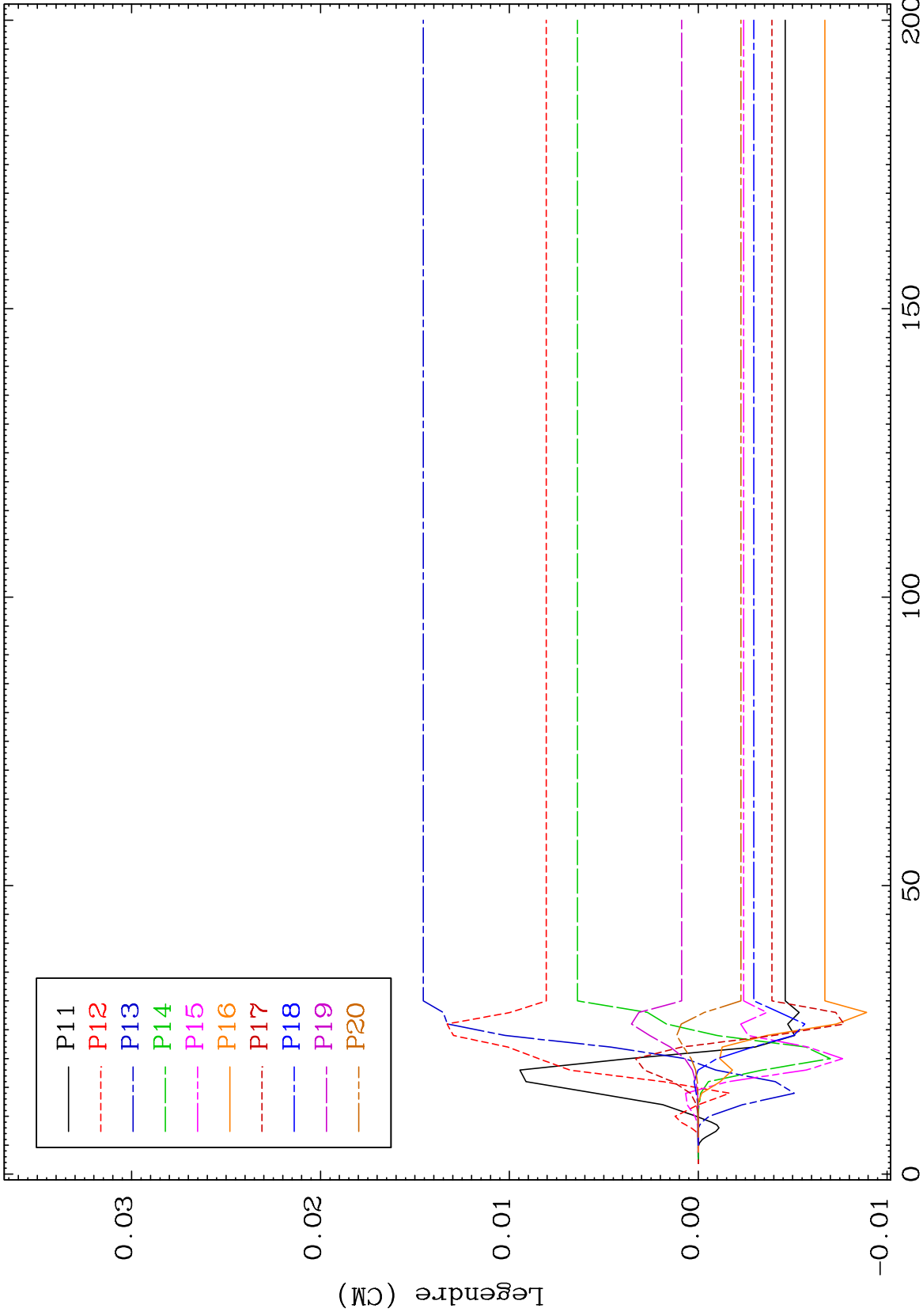
Incident Energy (MeV)

30

MAT 7849

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

78-Pt-198



31

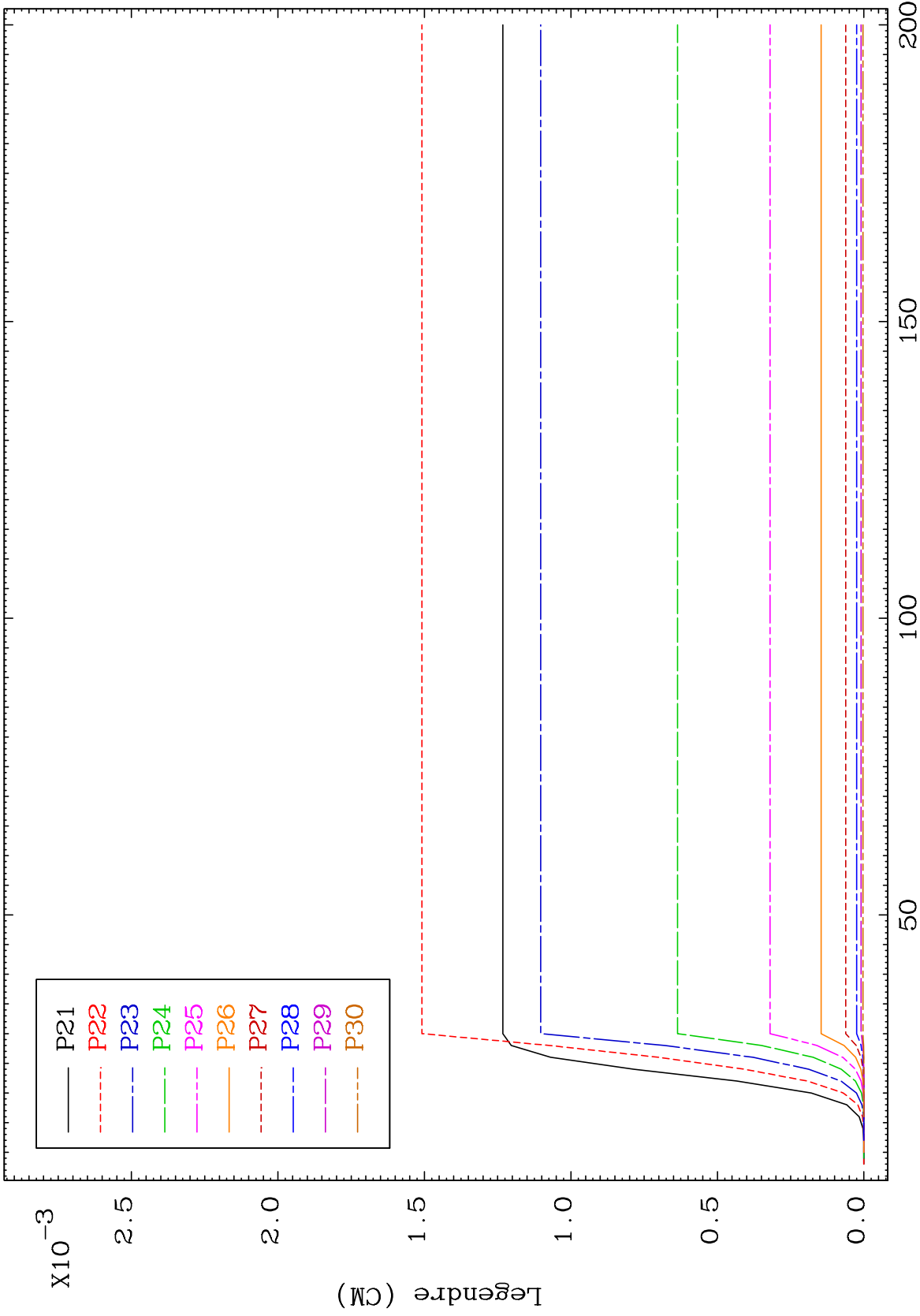
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



32

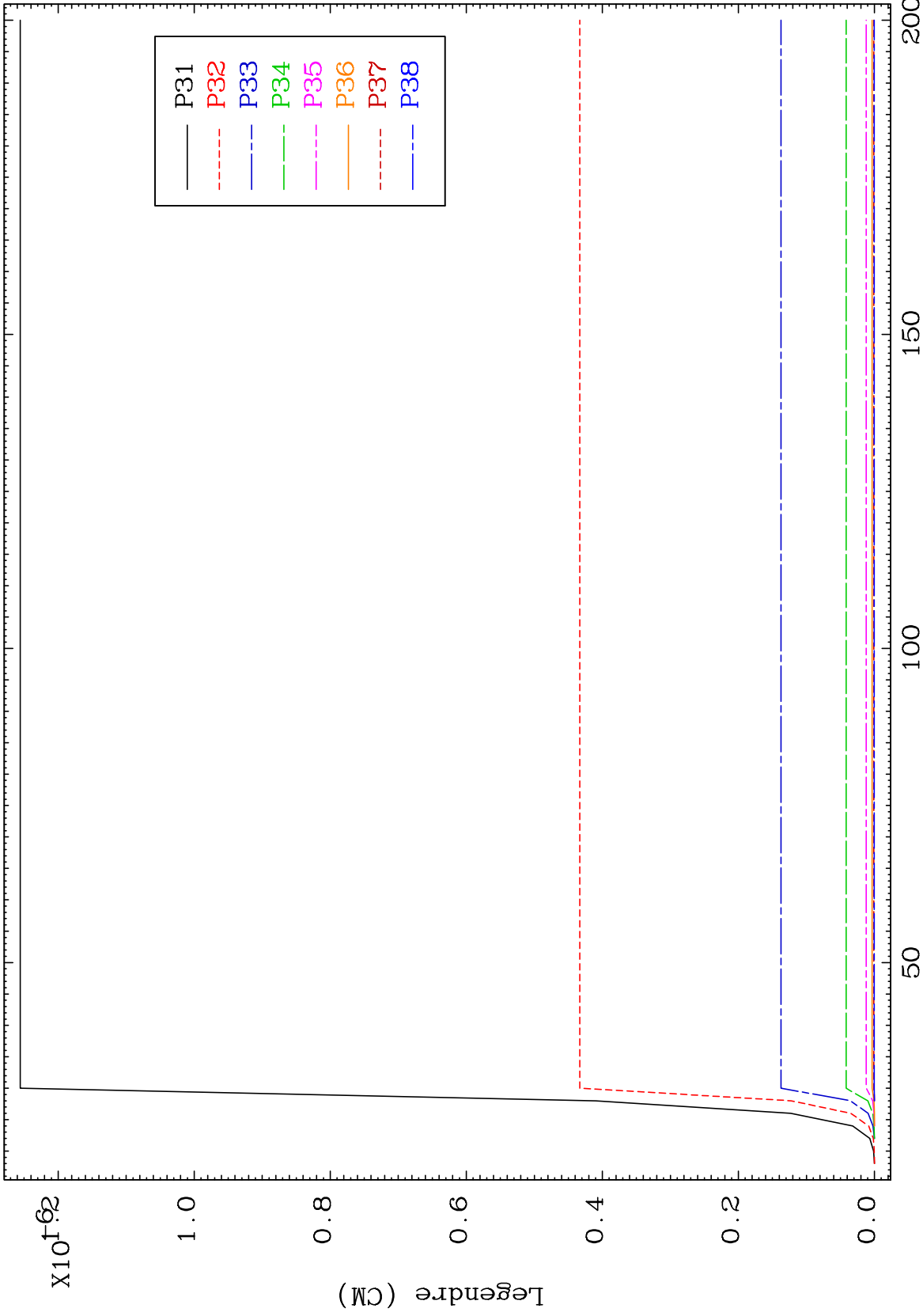
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



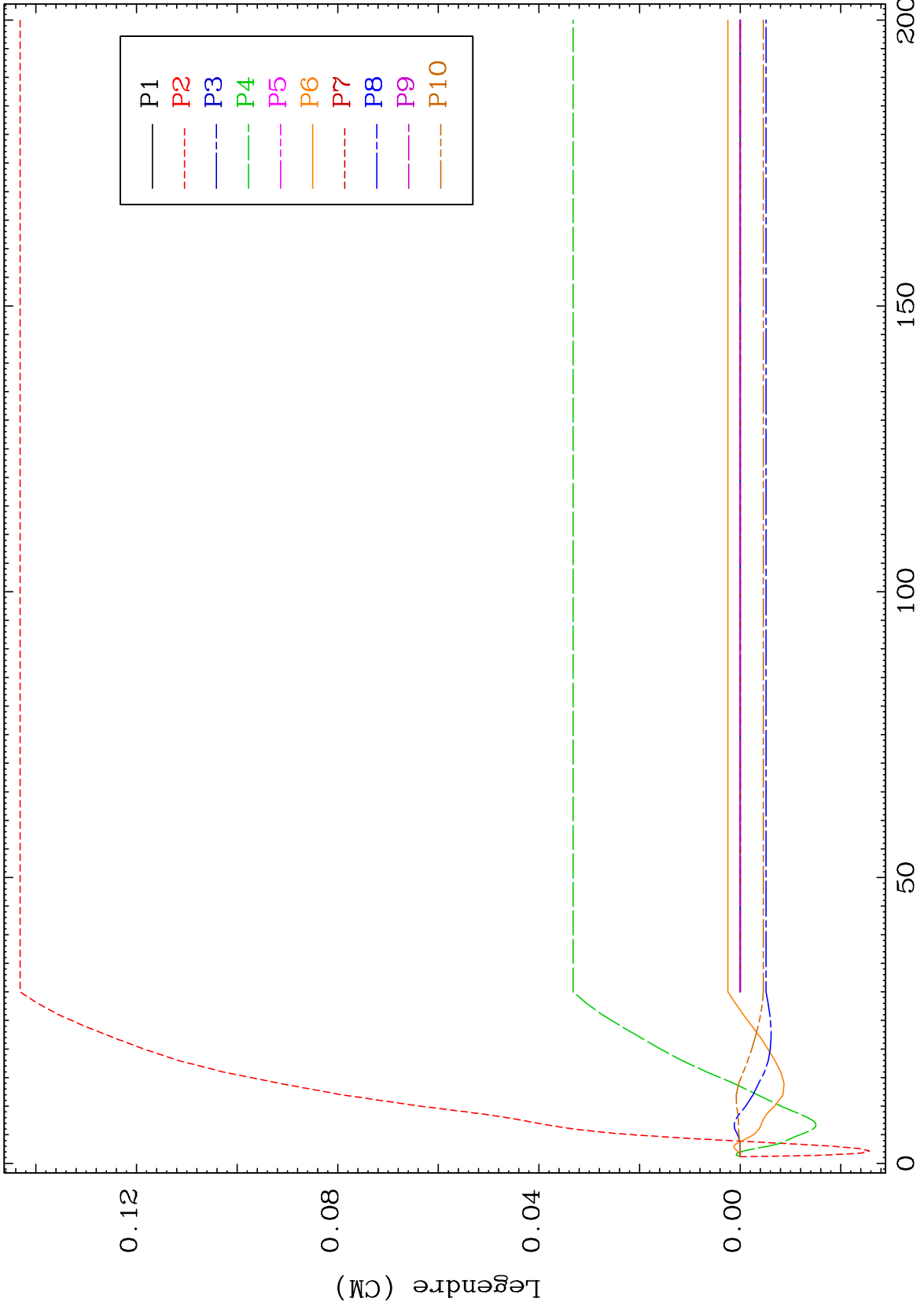
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78-Pt-198

MAT 7849

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

78-Pt-198



34

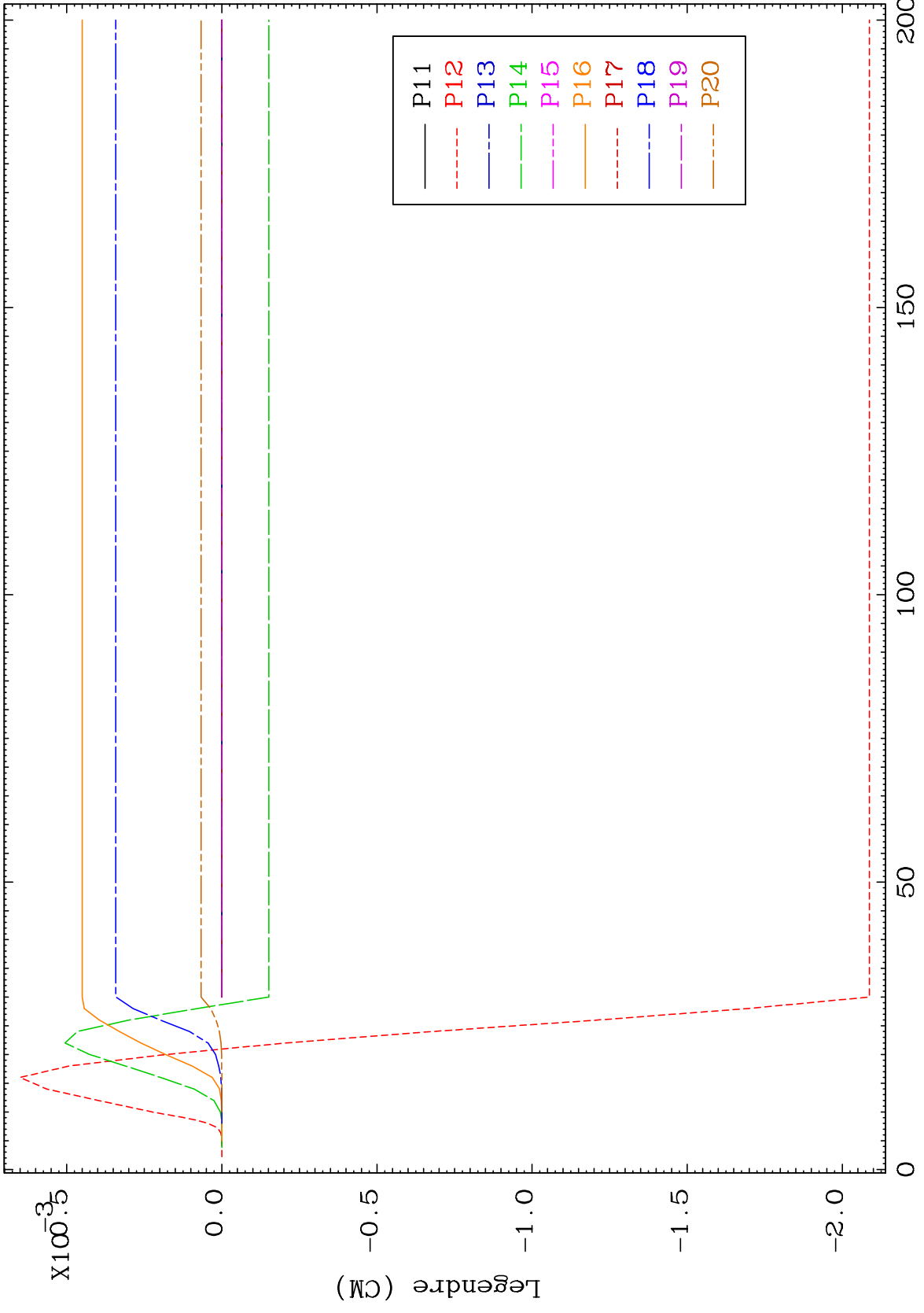
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



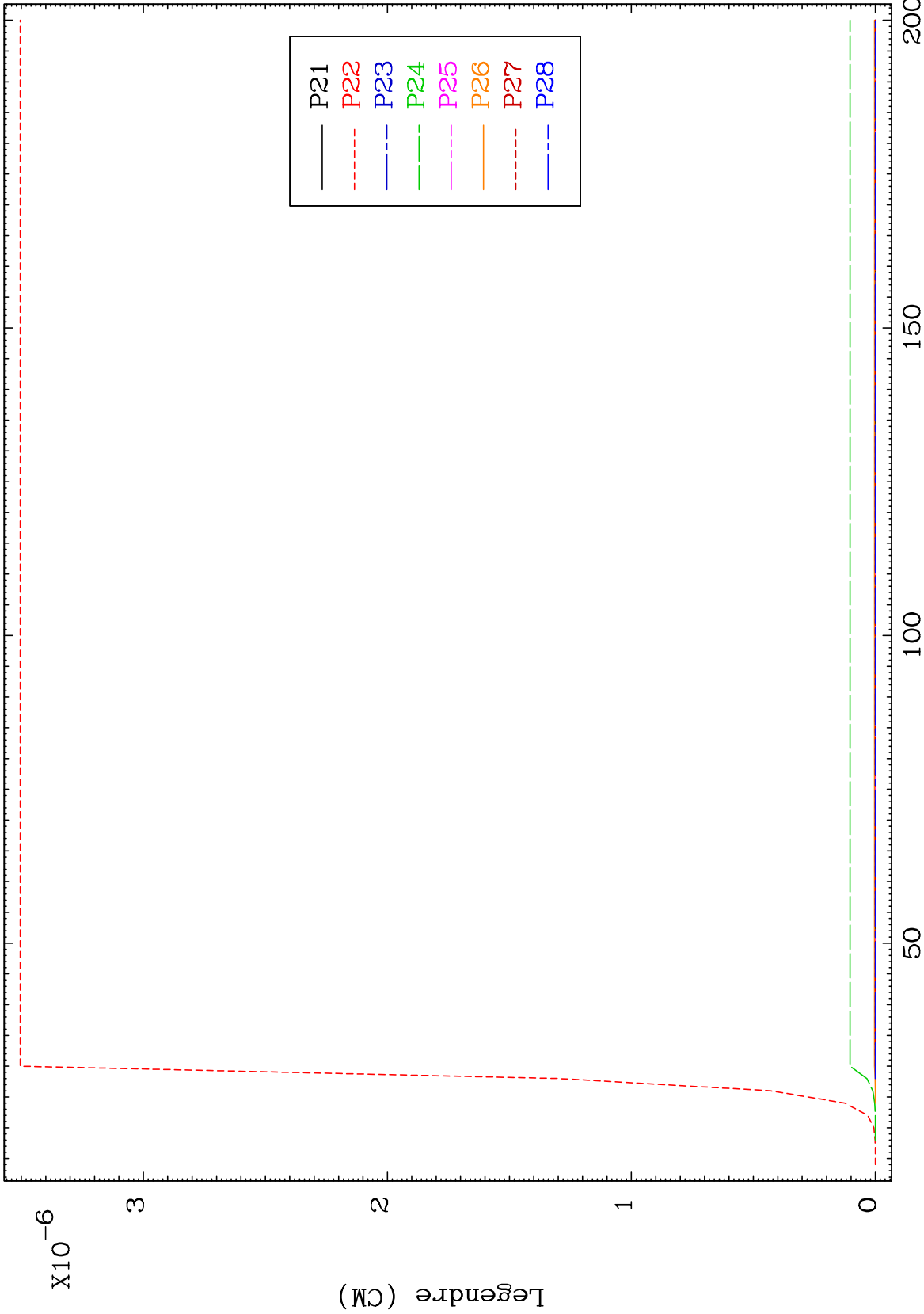
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78-Pt-198

MAT 7849

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

78-Pt-198



36

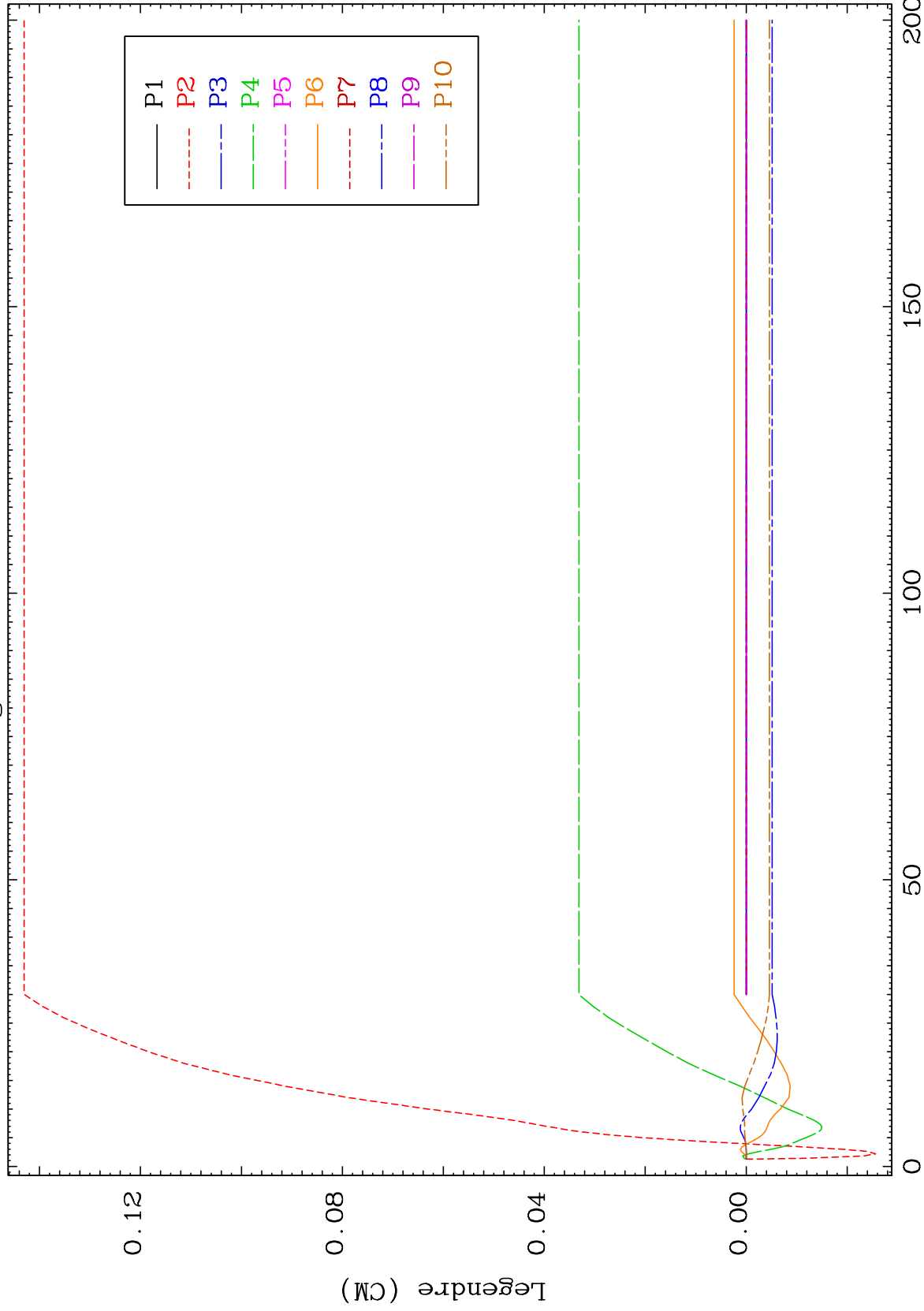
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



37

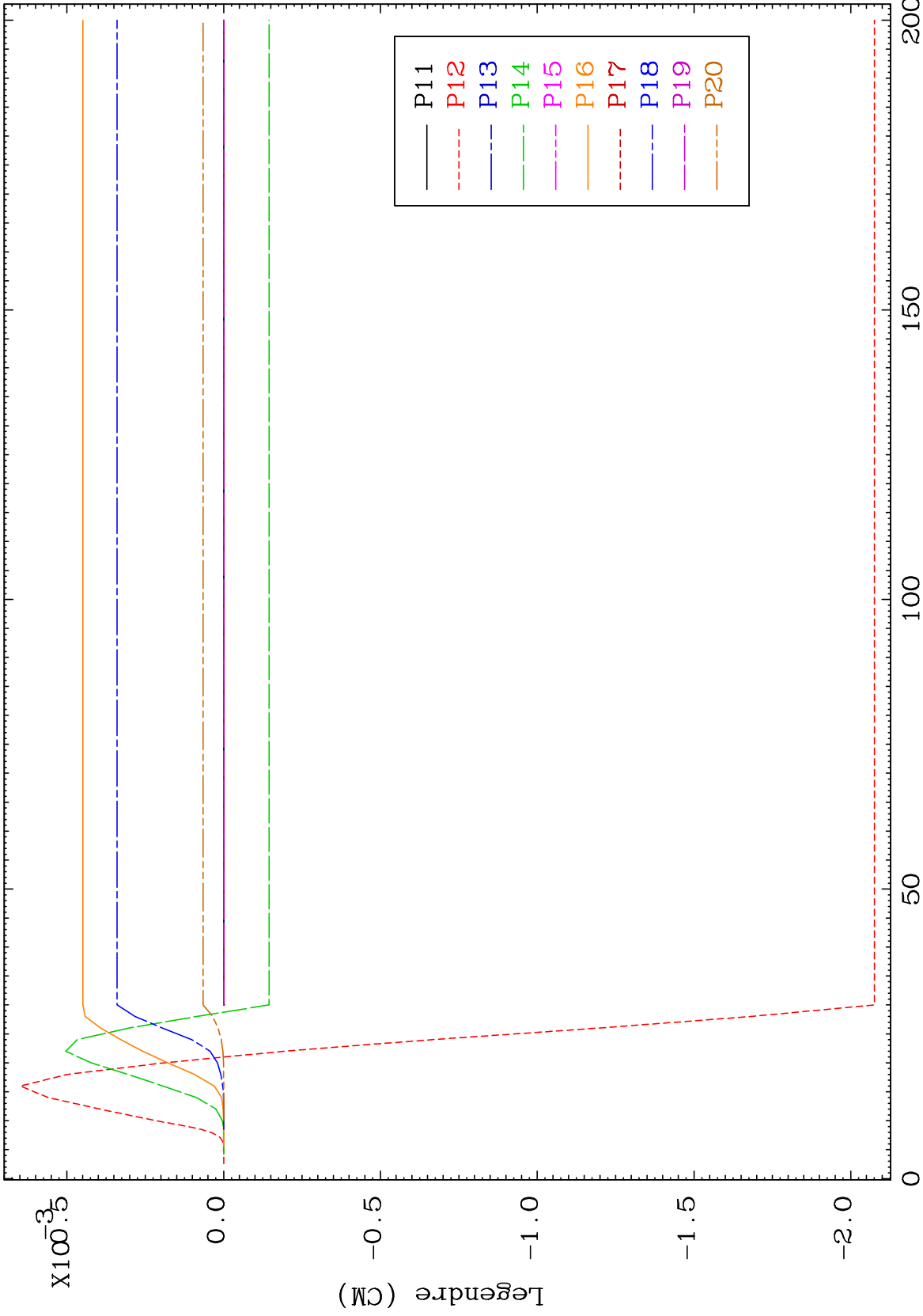
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



38

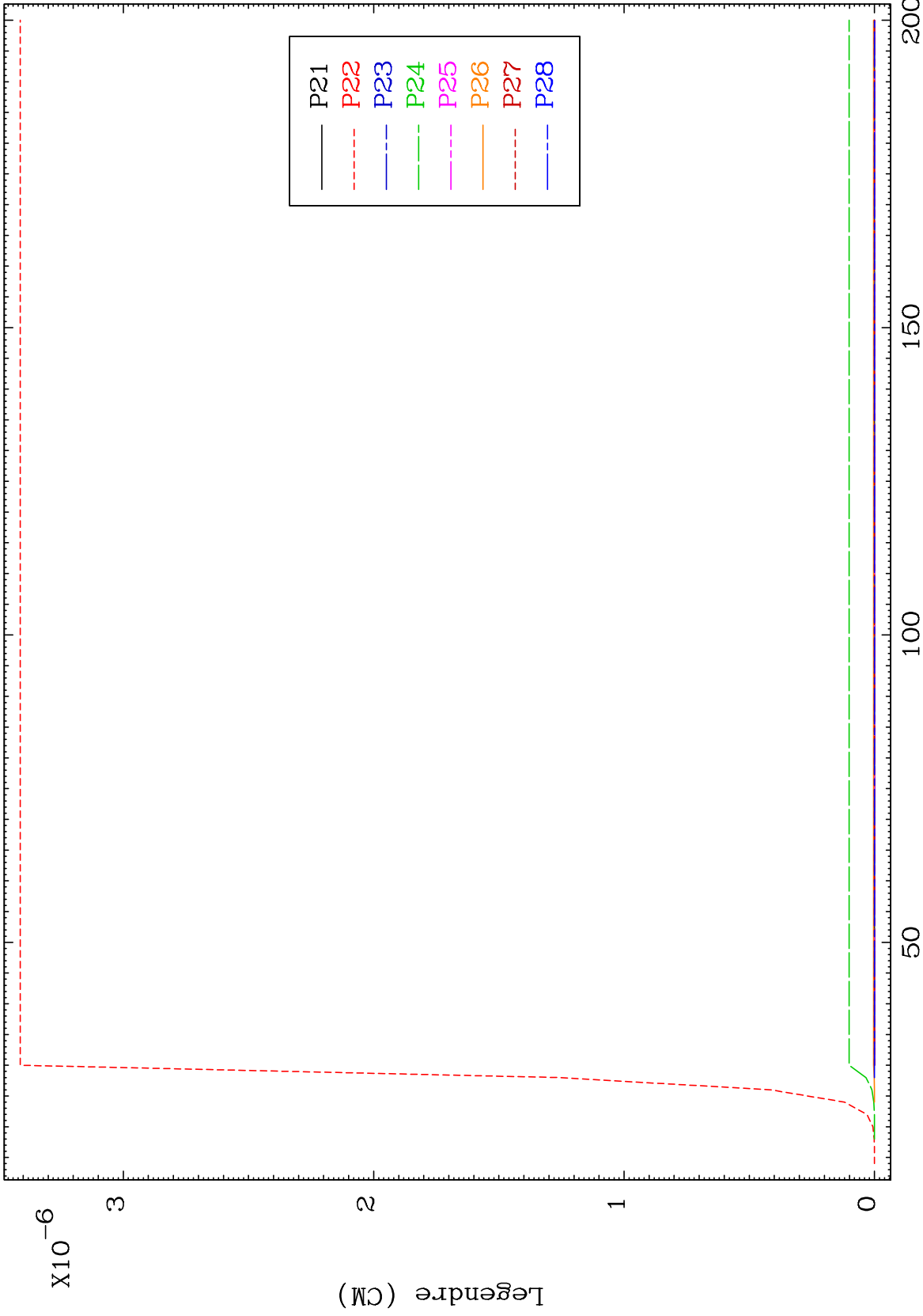
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



39

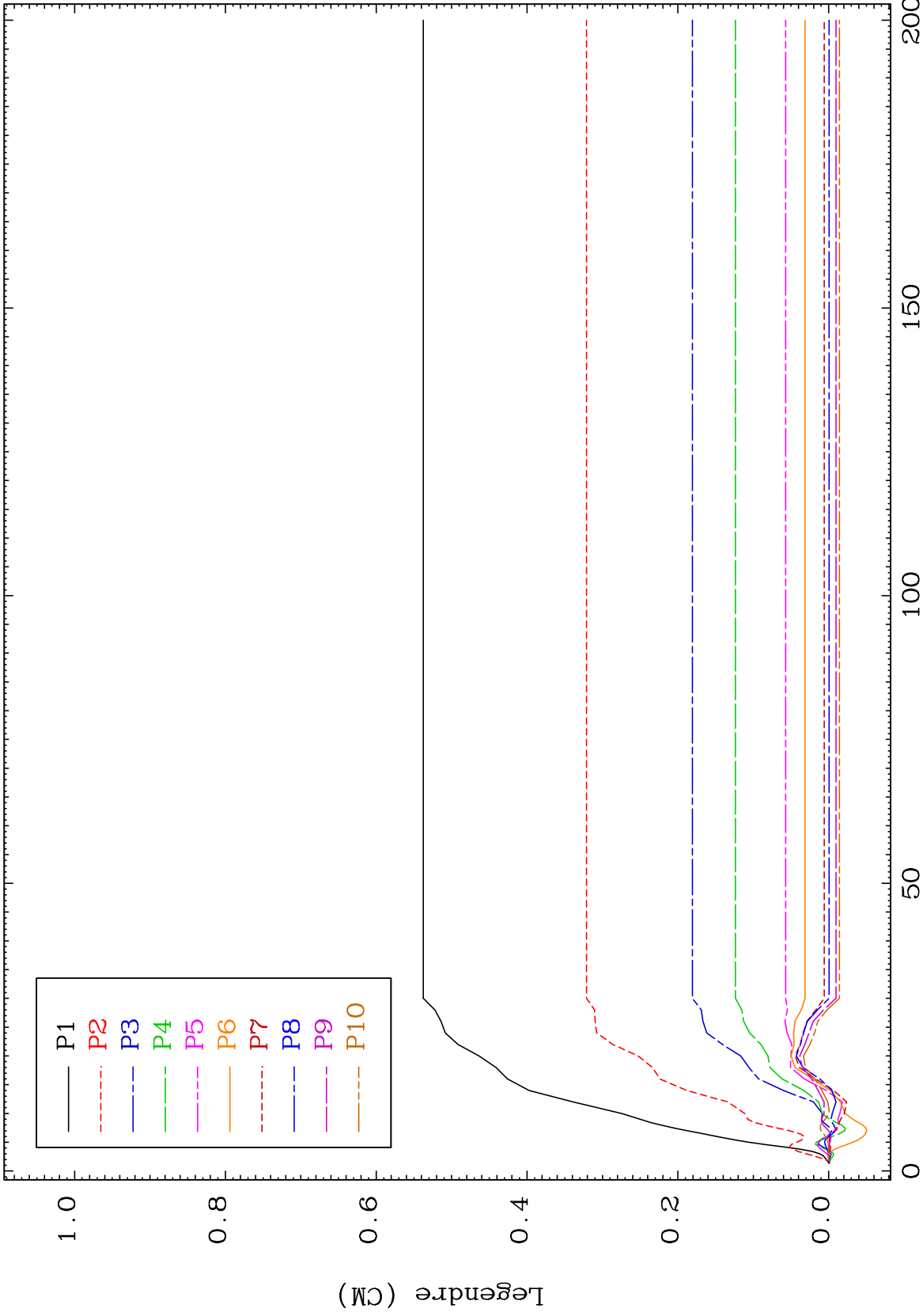
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



40

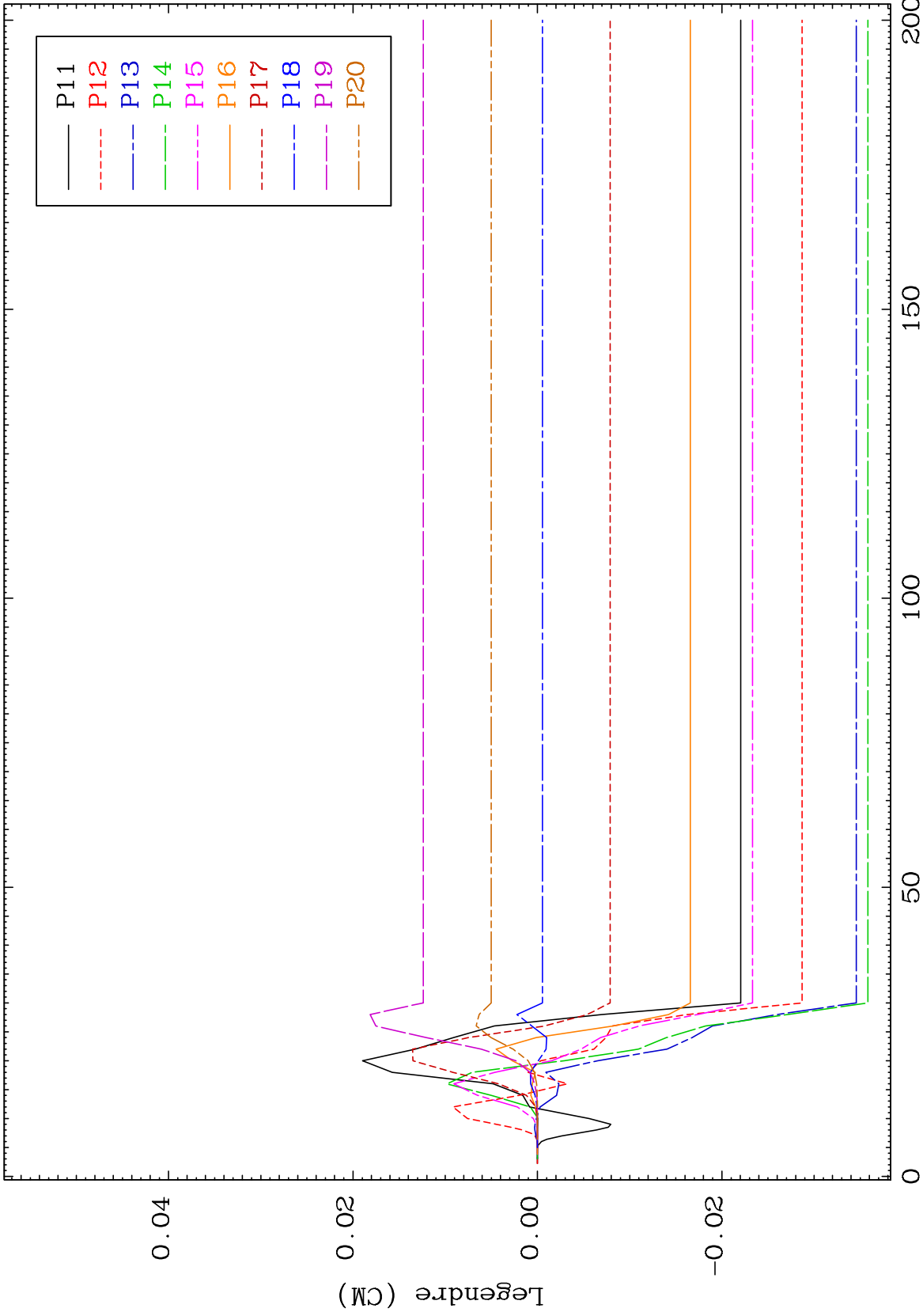
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



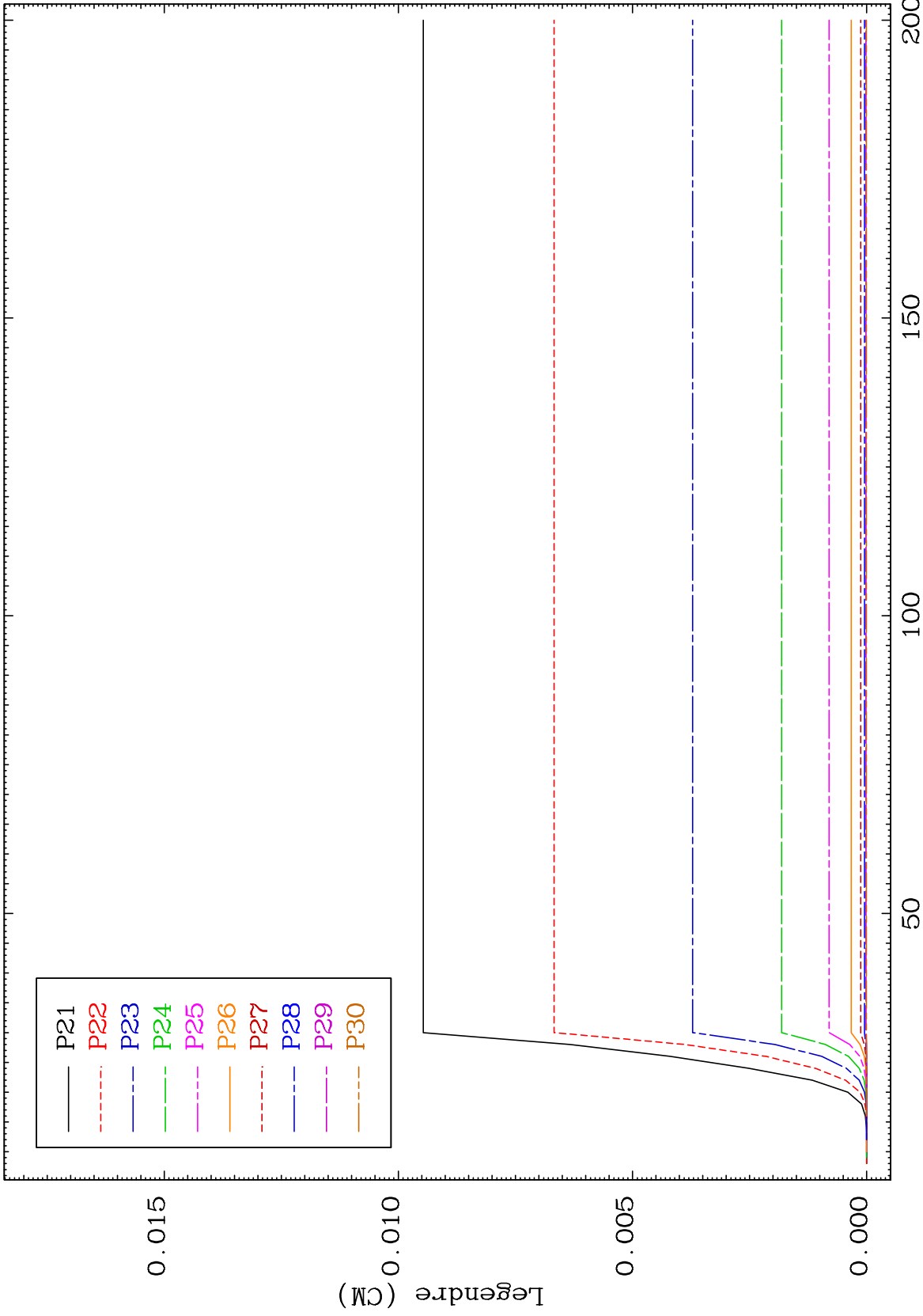
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78-Pt-198

MAT 7849

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

78-Pt-198



42

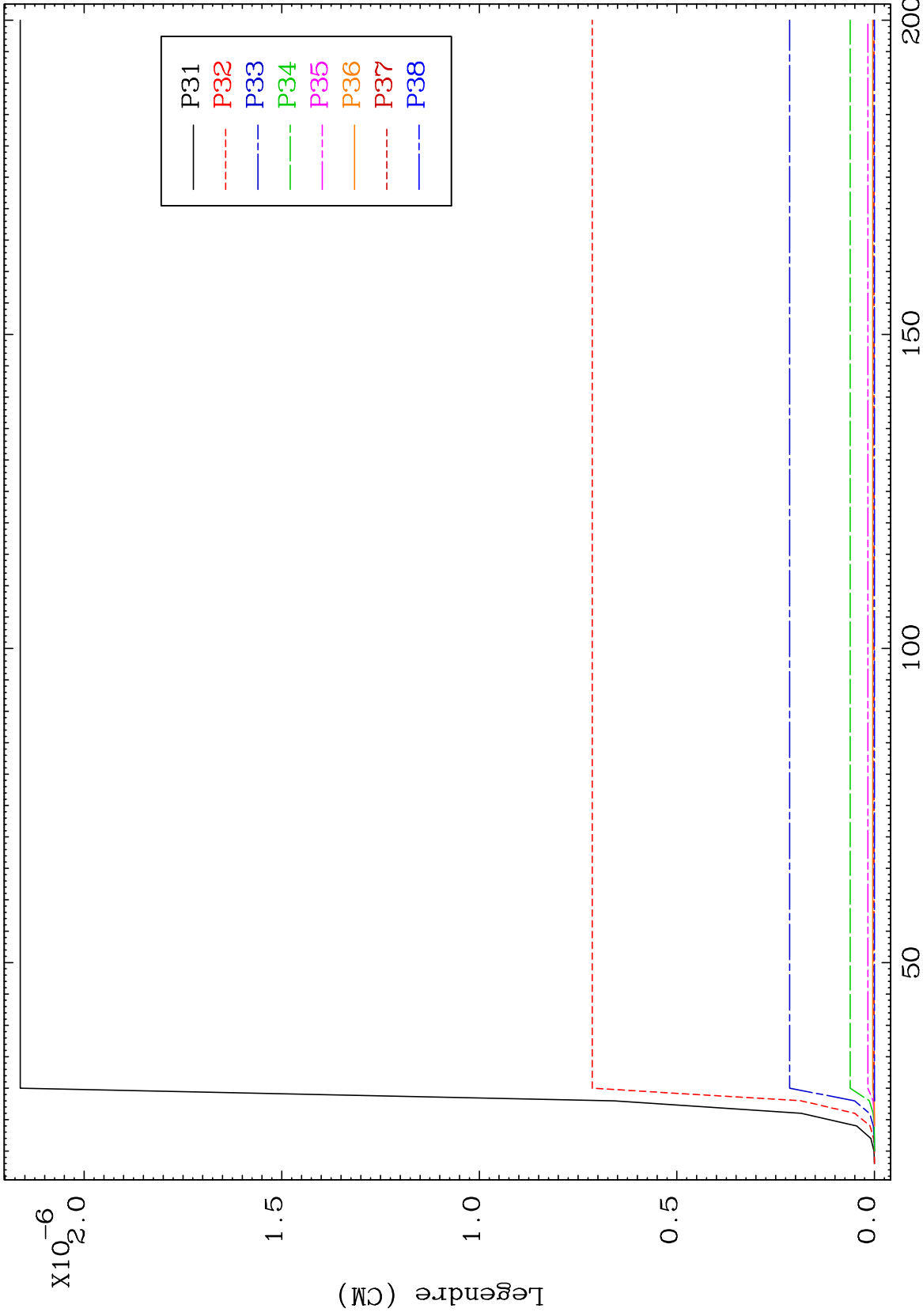
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



43

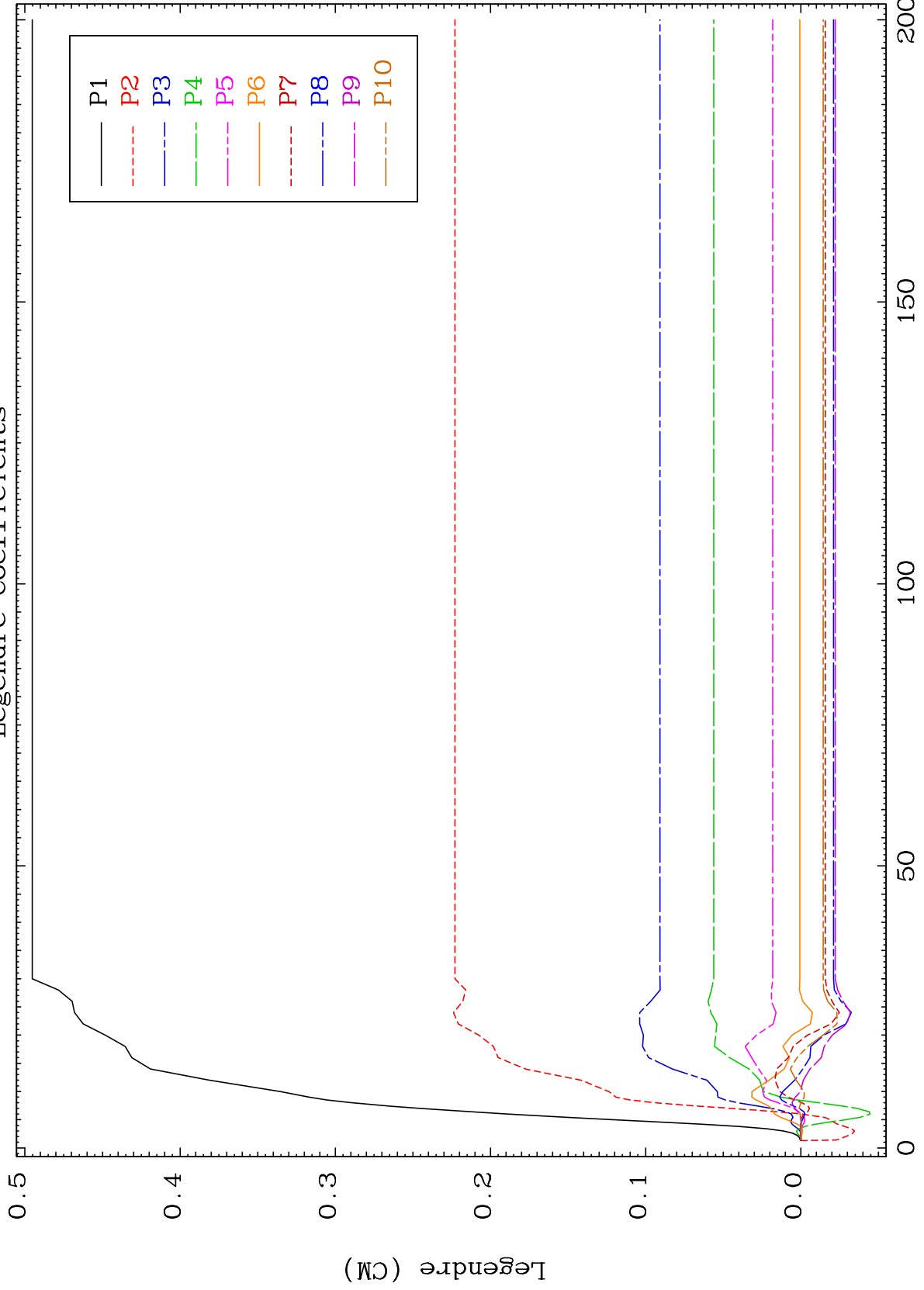
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



44

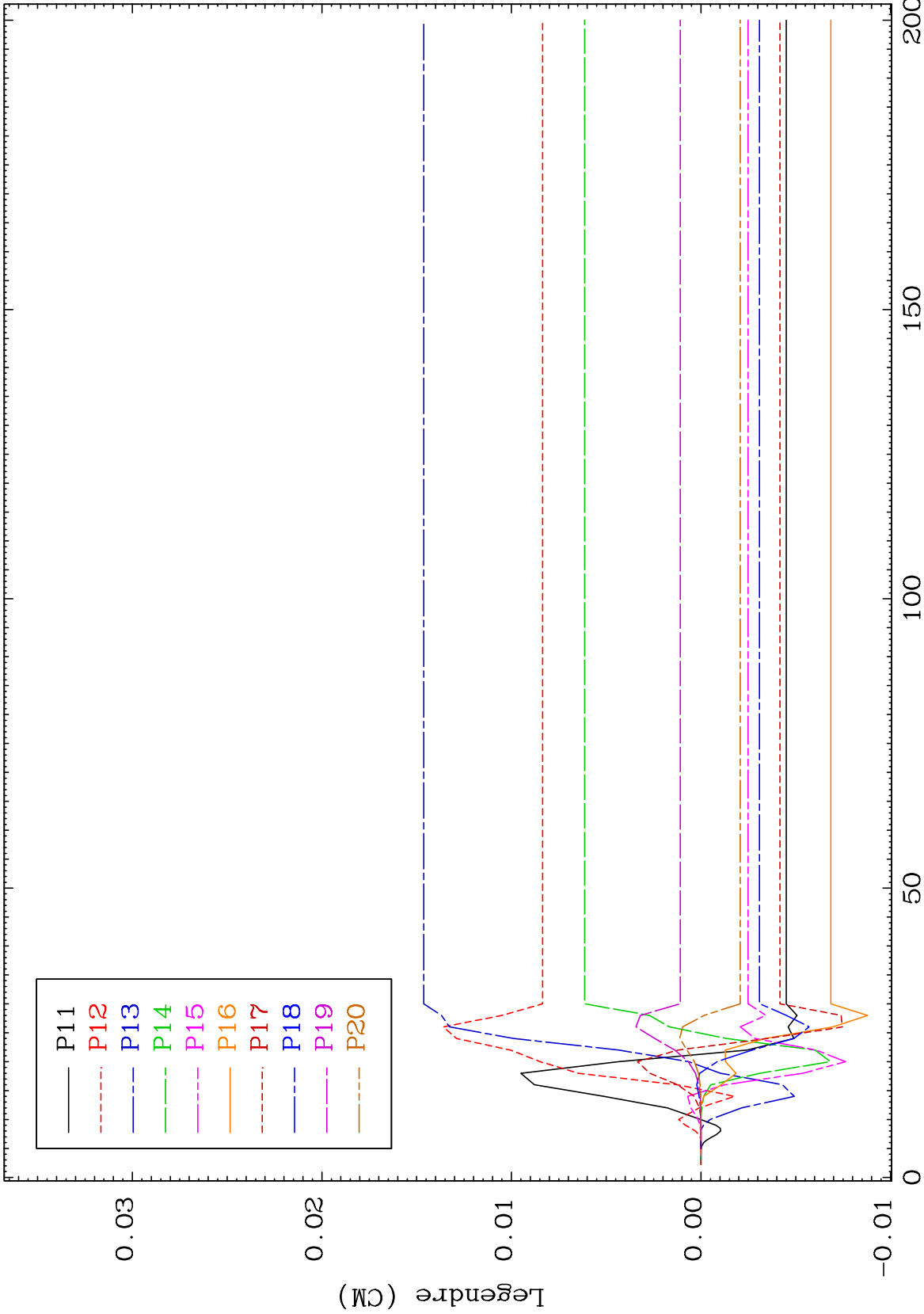
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



45

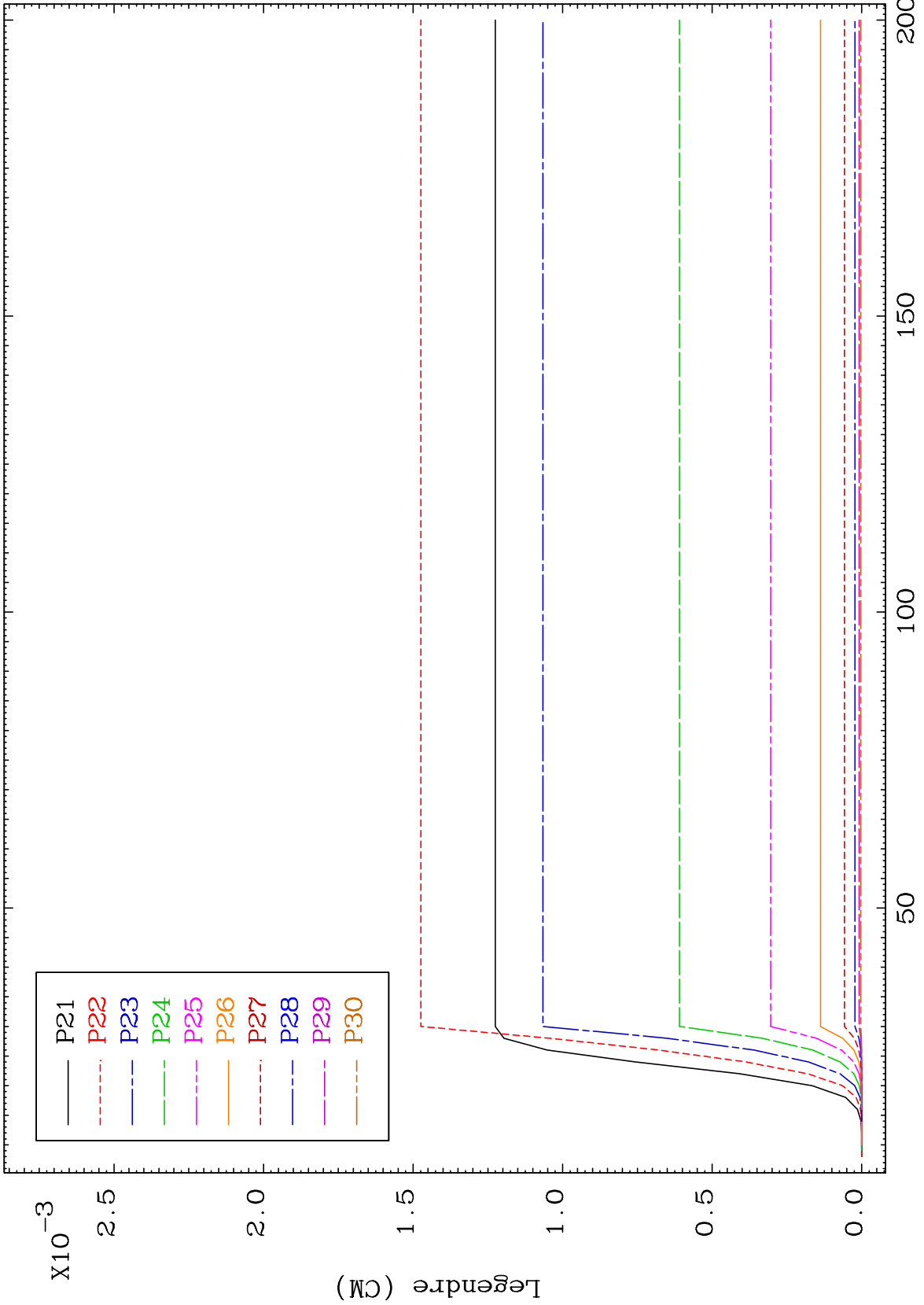
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



46

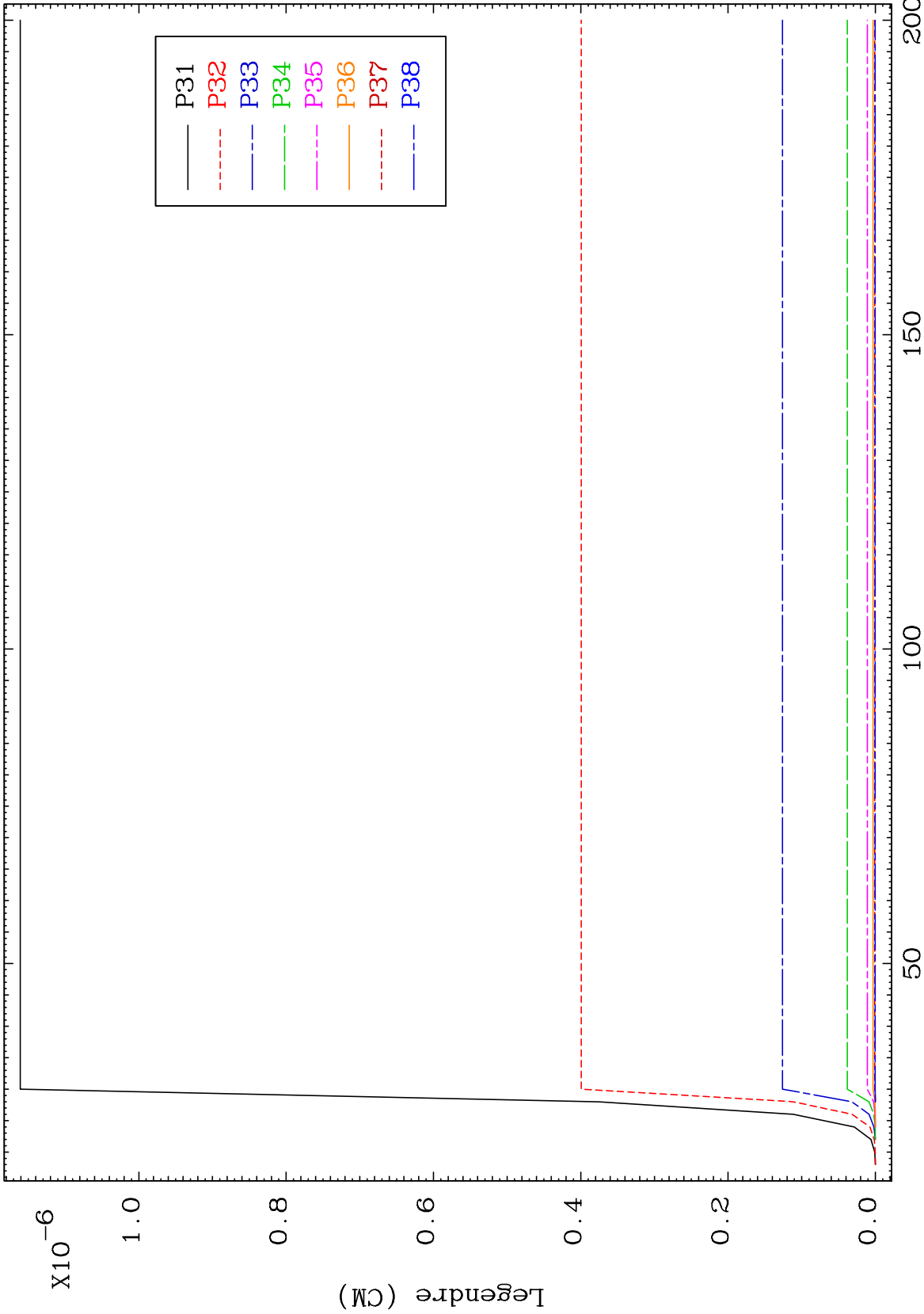
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



47

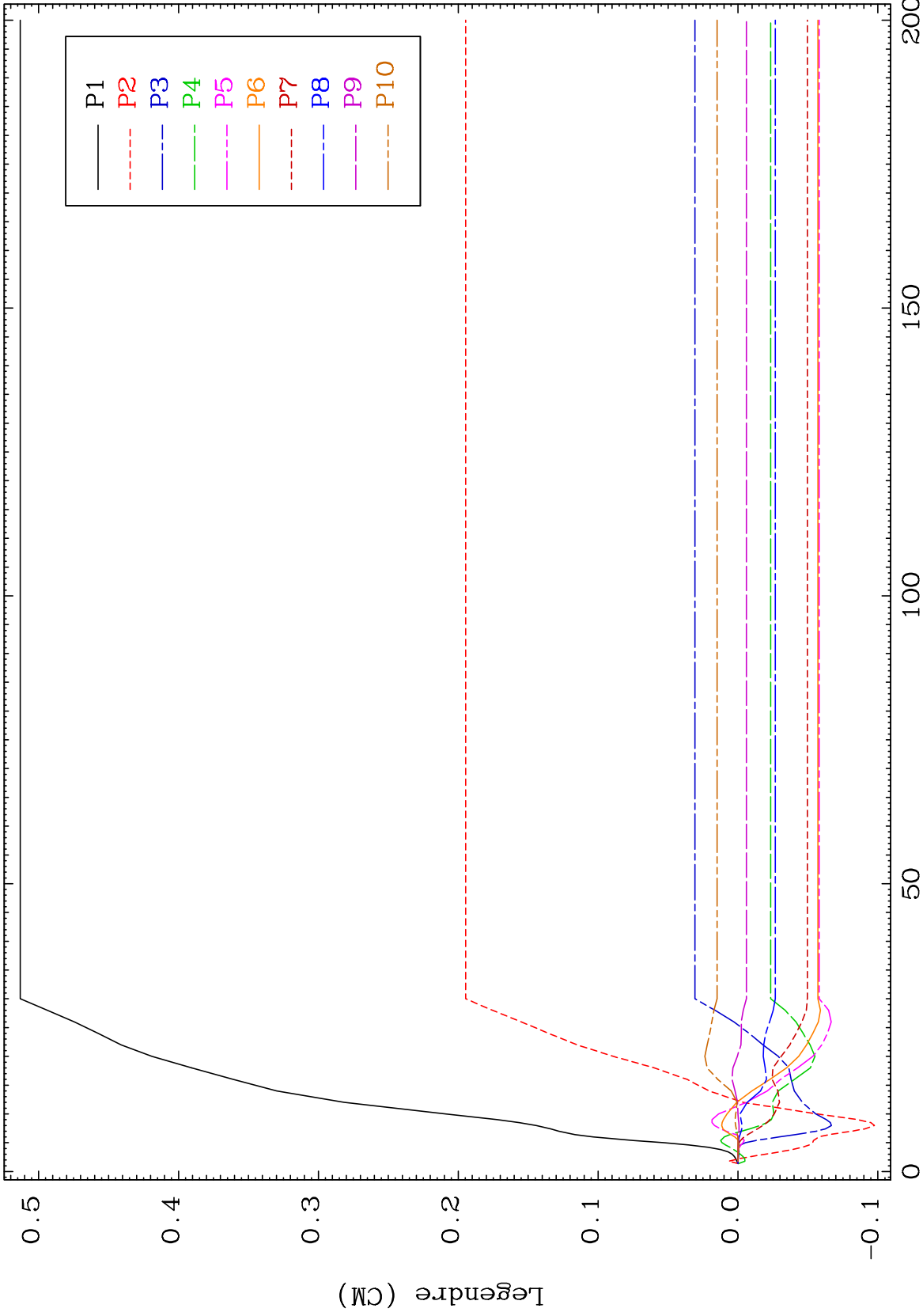
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



48

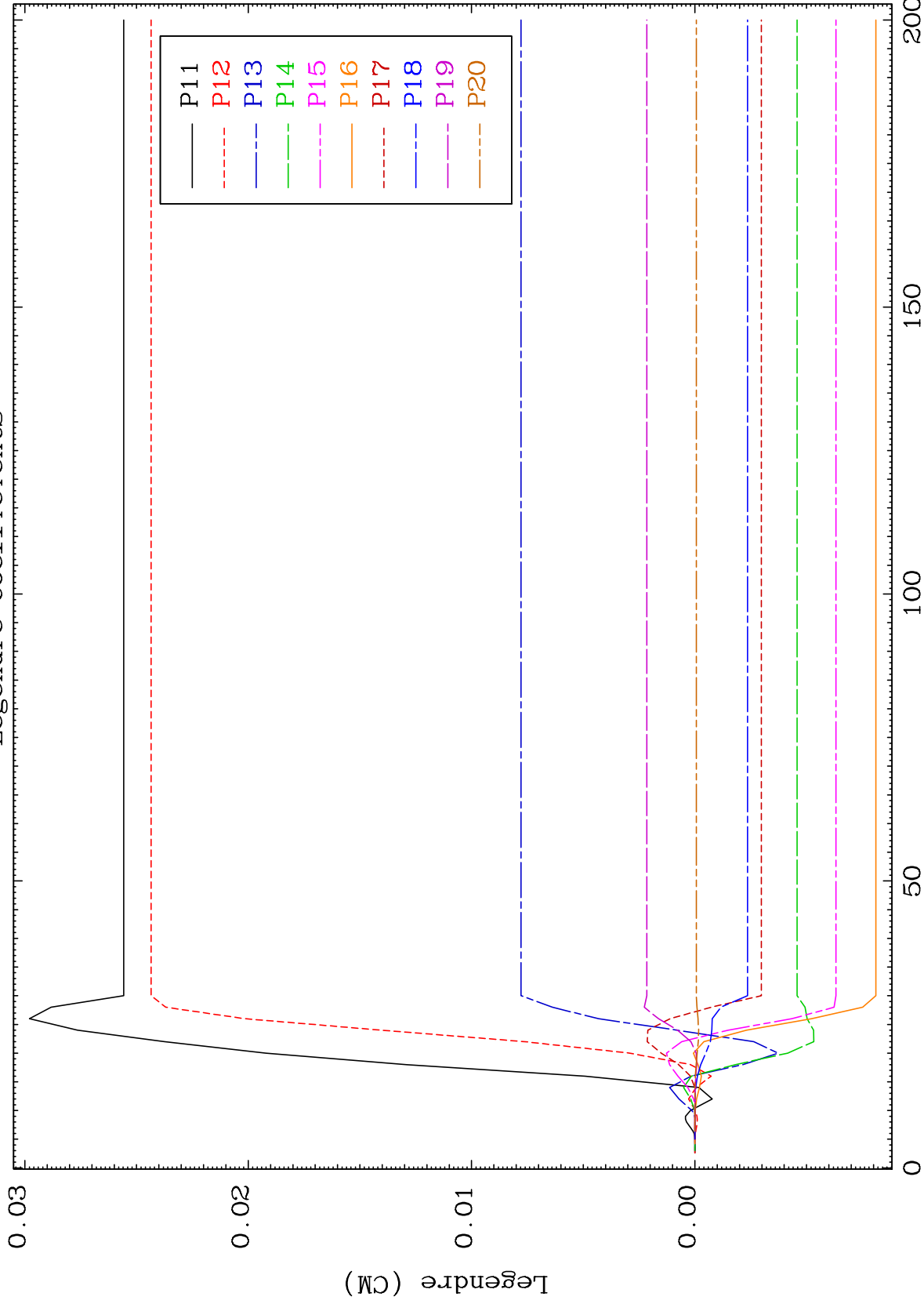
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



49

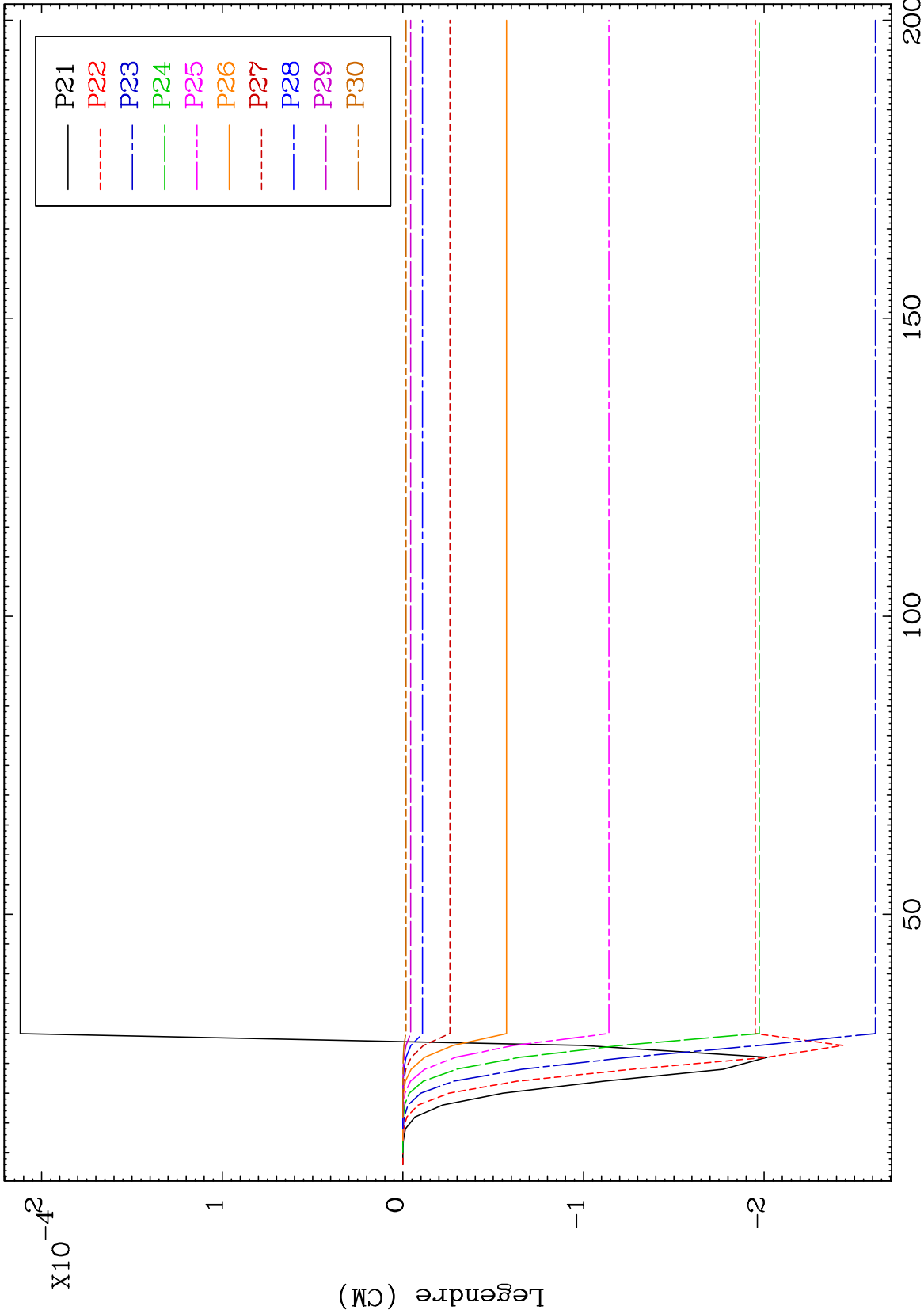
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



50

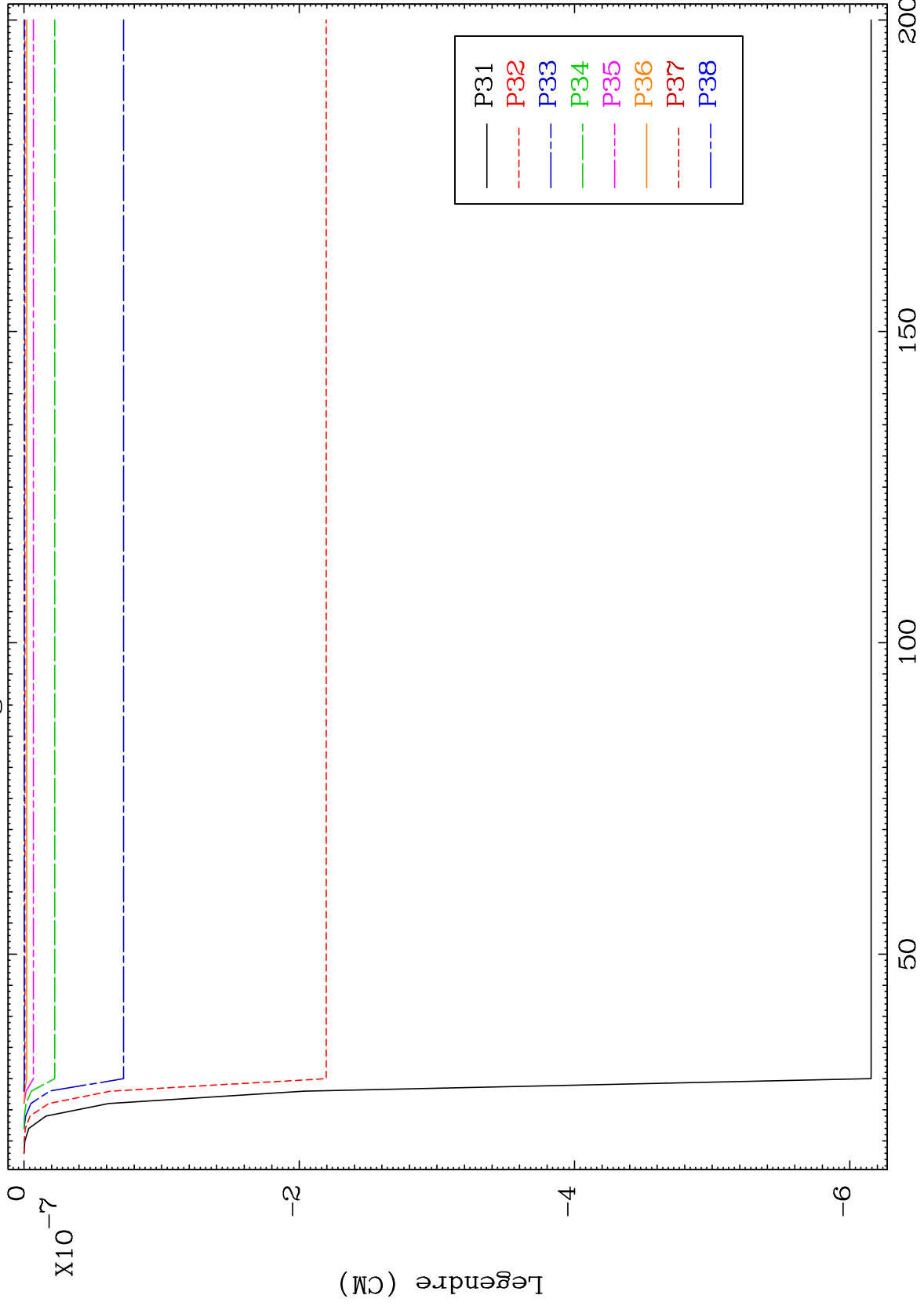
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

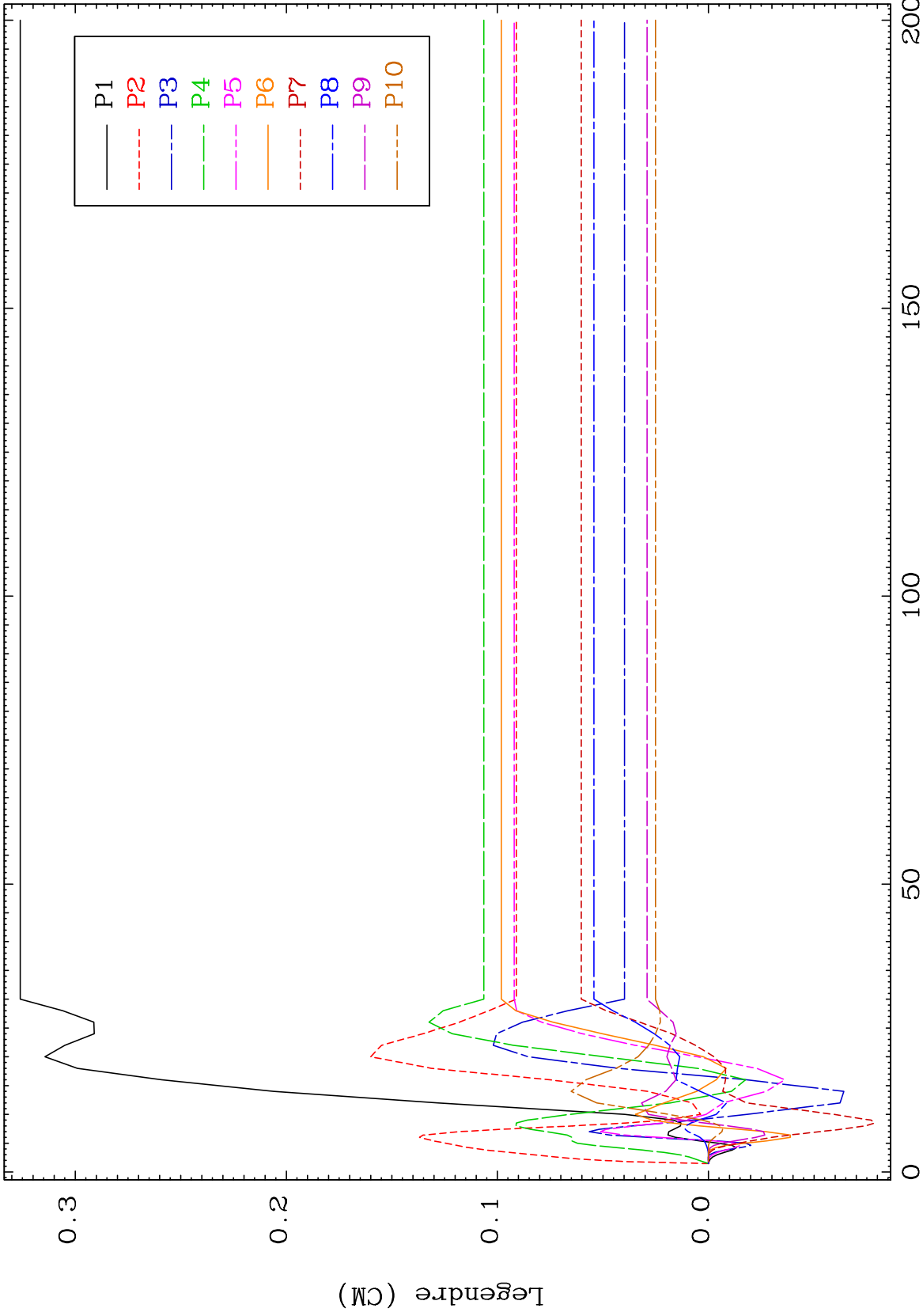
Incident Energy (MeV)

51

MAT 7849

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

78-Pt-198



52

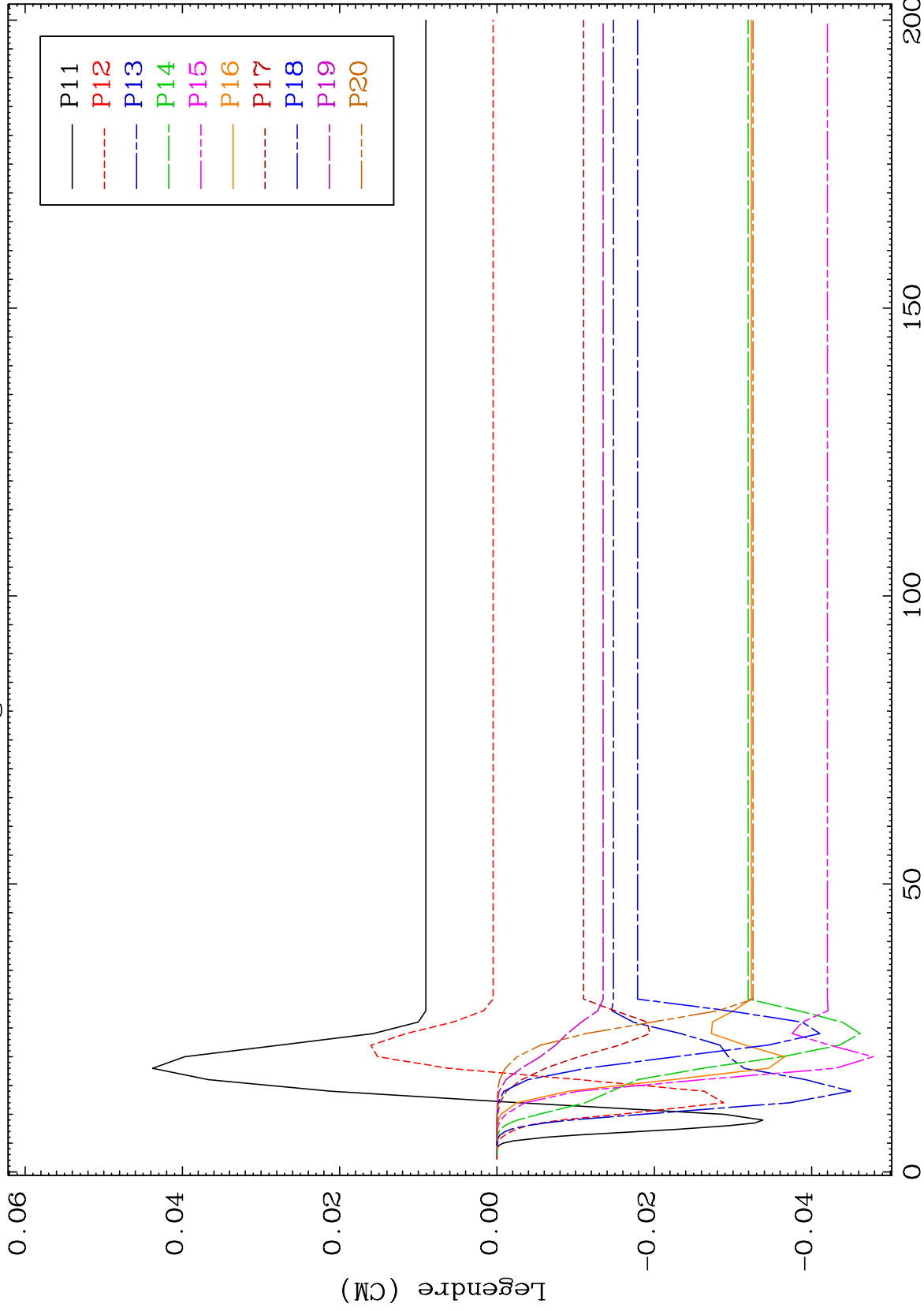
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



53

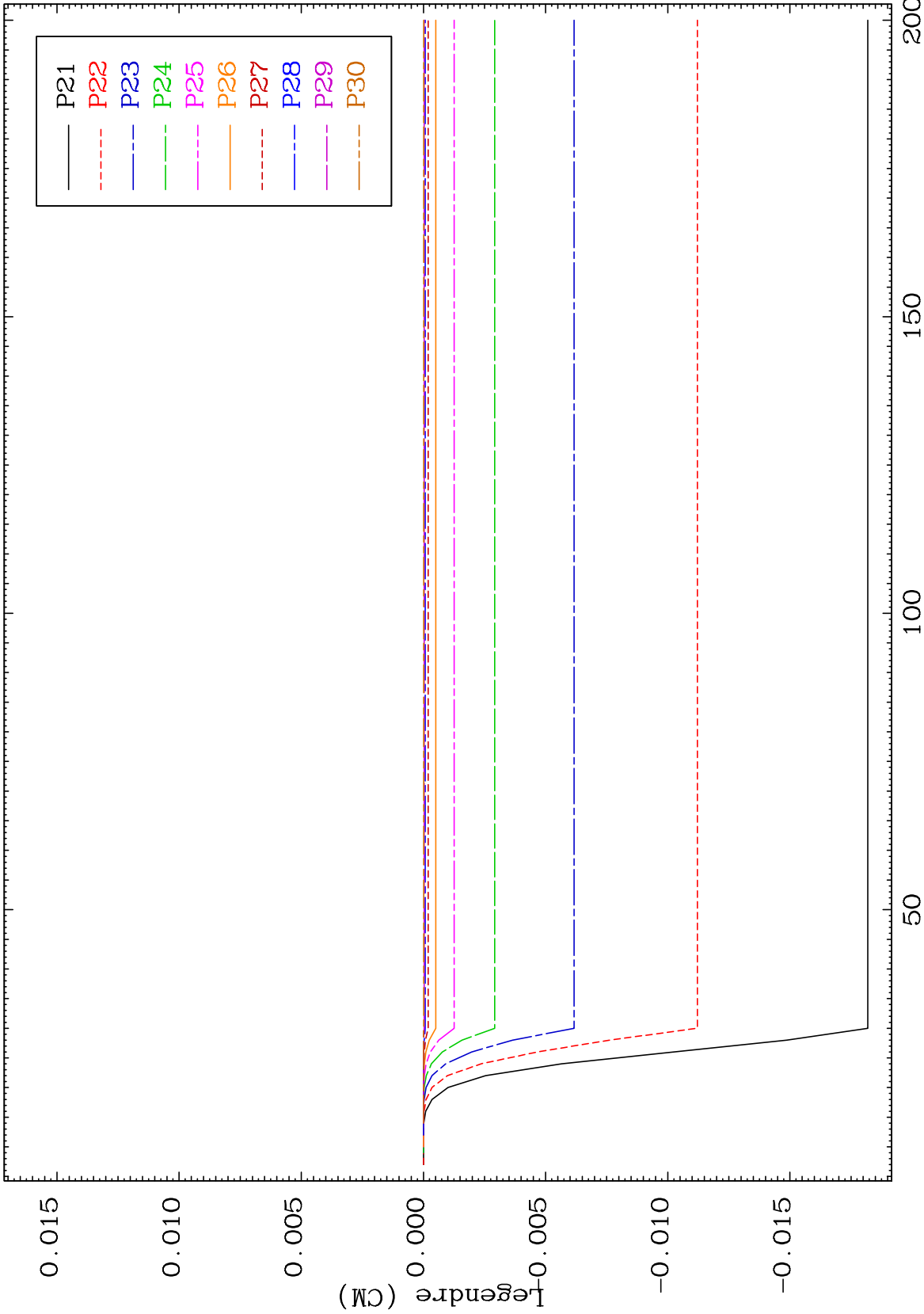
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



54

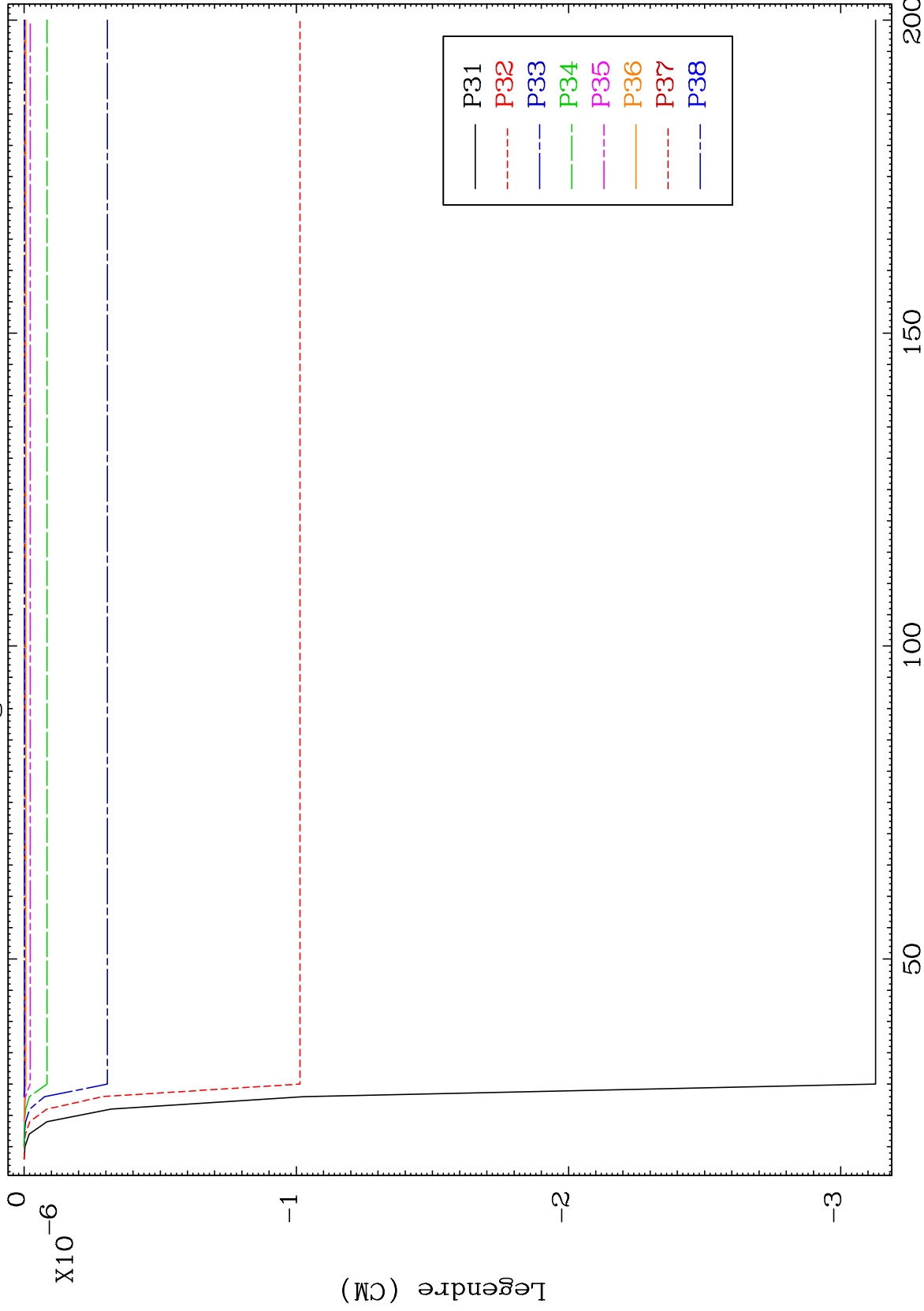
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

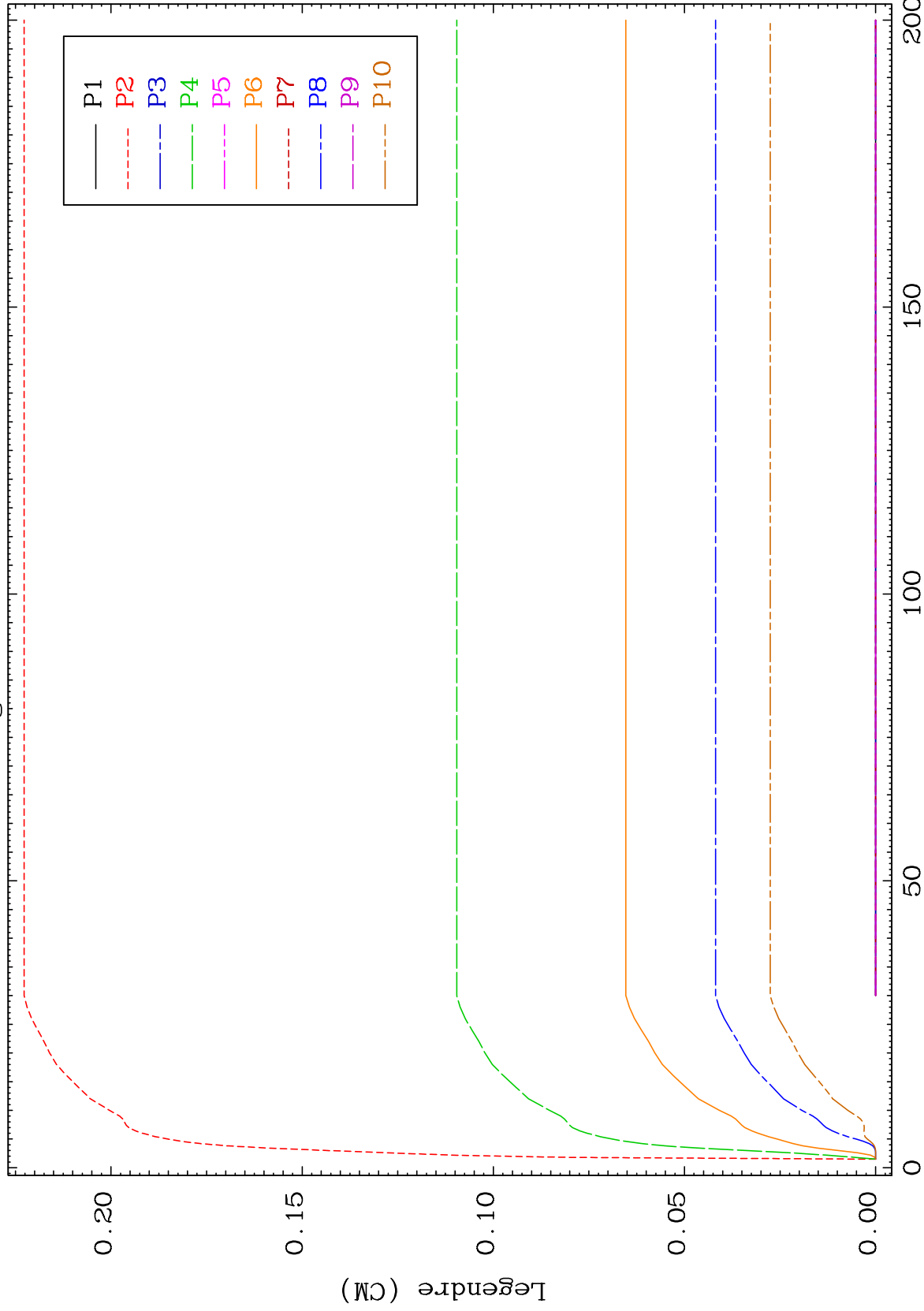
Incident Energy (MeV)

55

MAT 7849

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

78-Pt-198



56

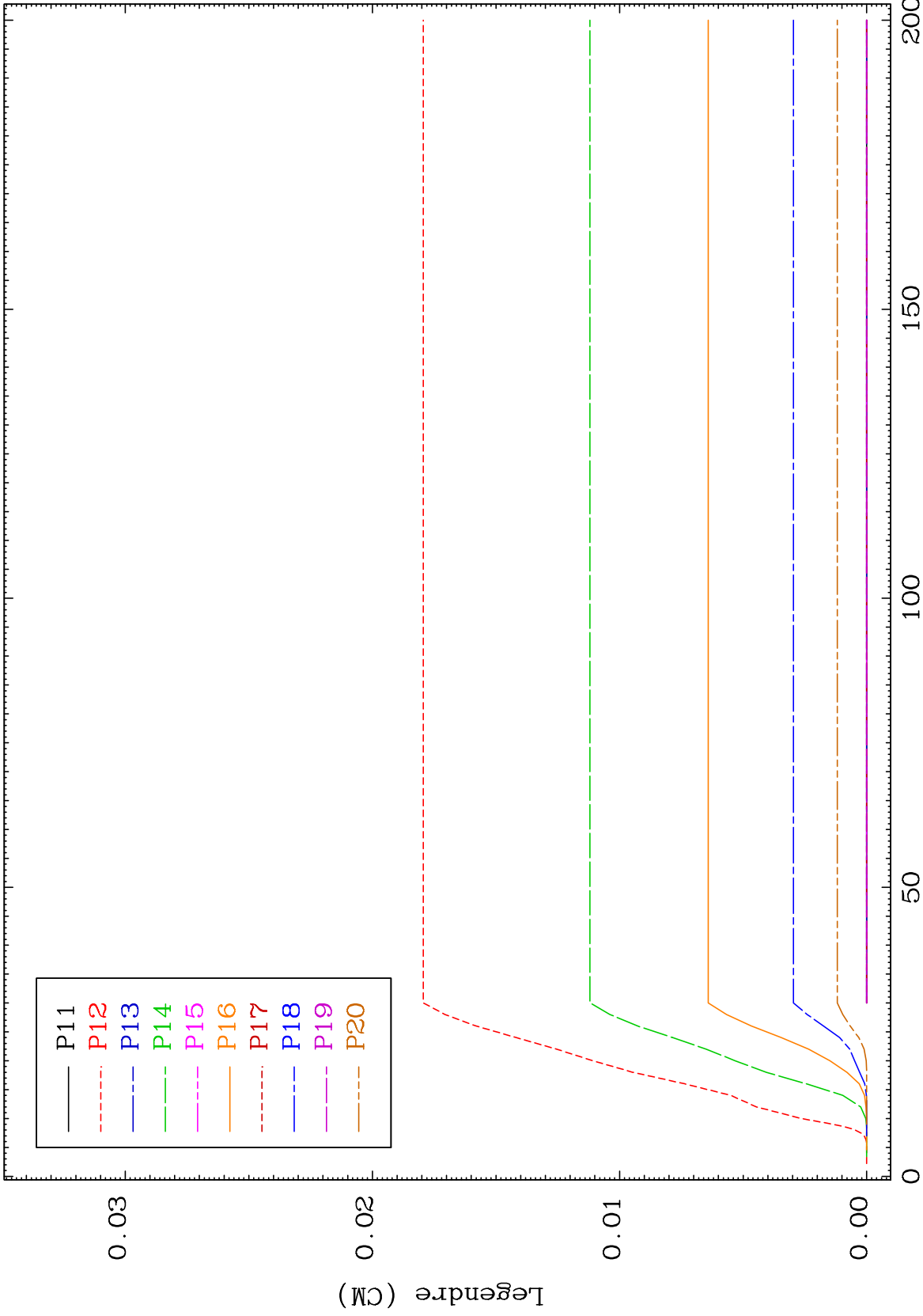
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



57

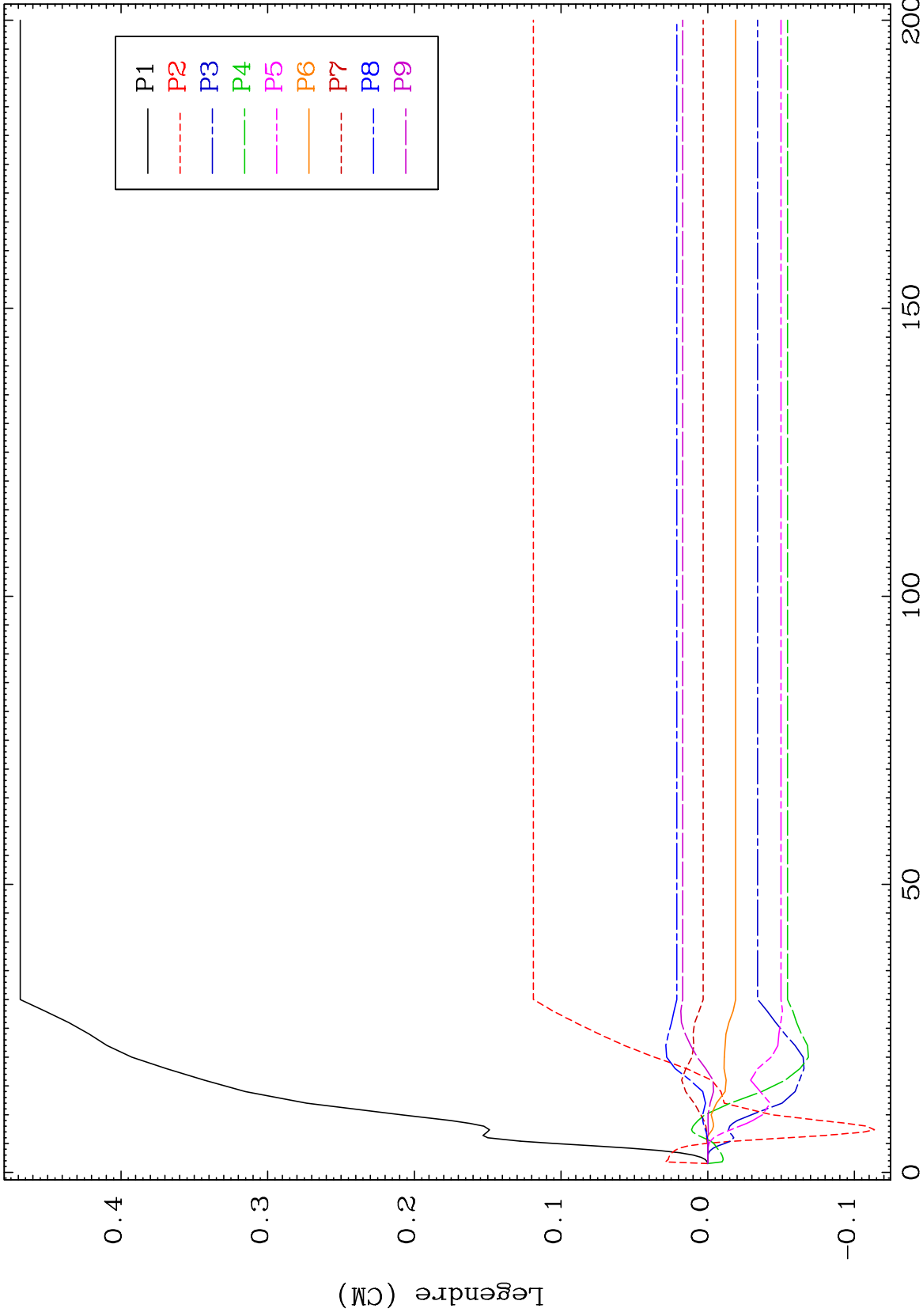
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



59

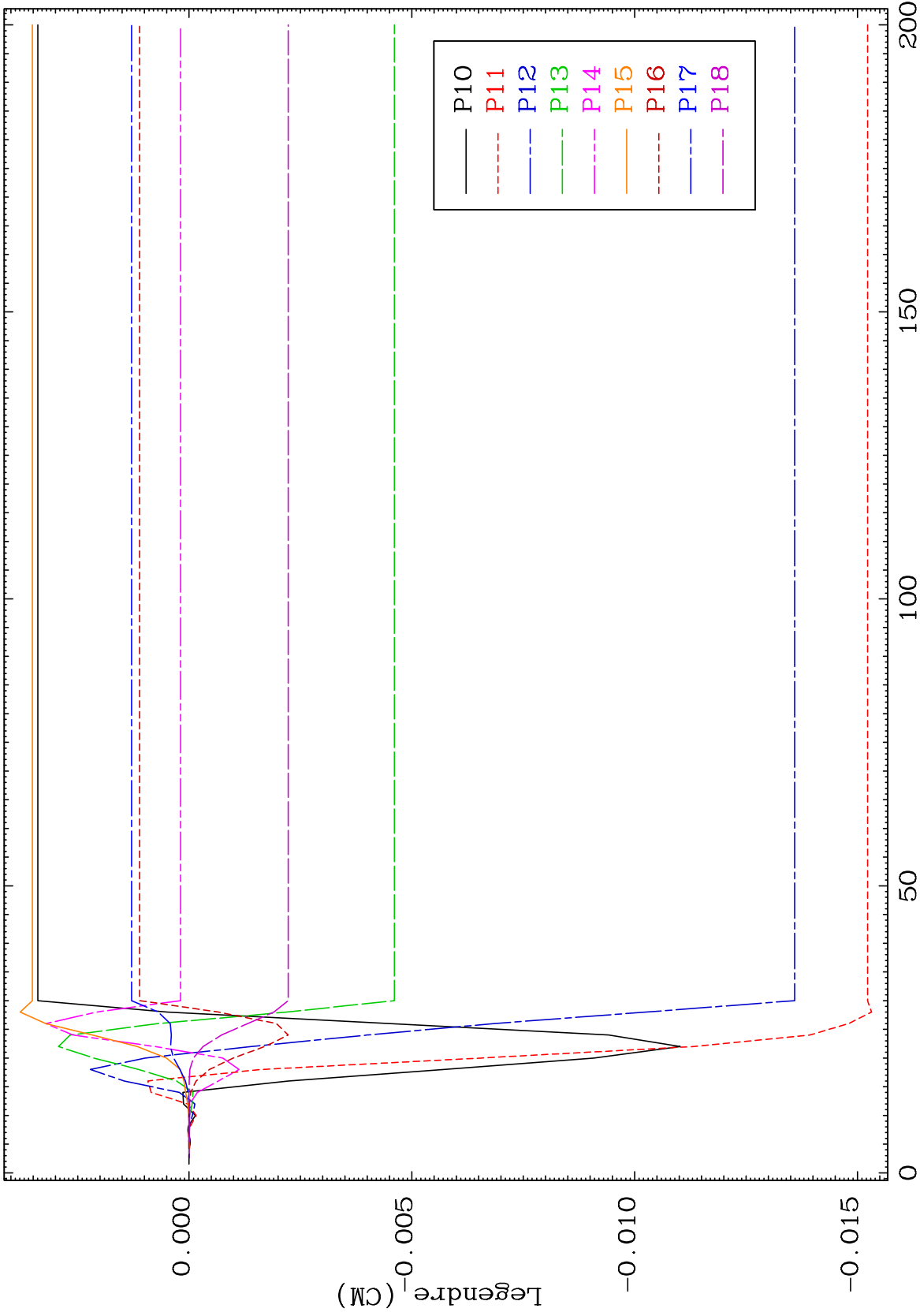
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



60

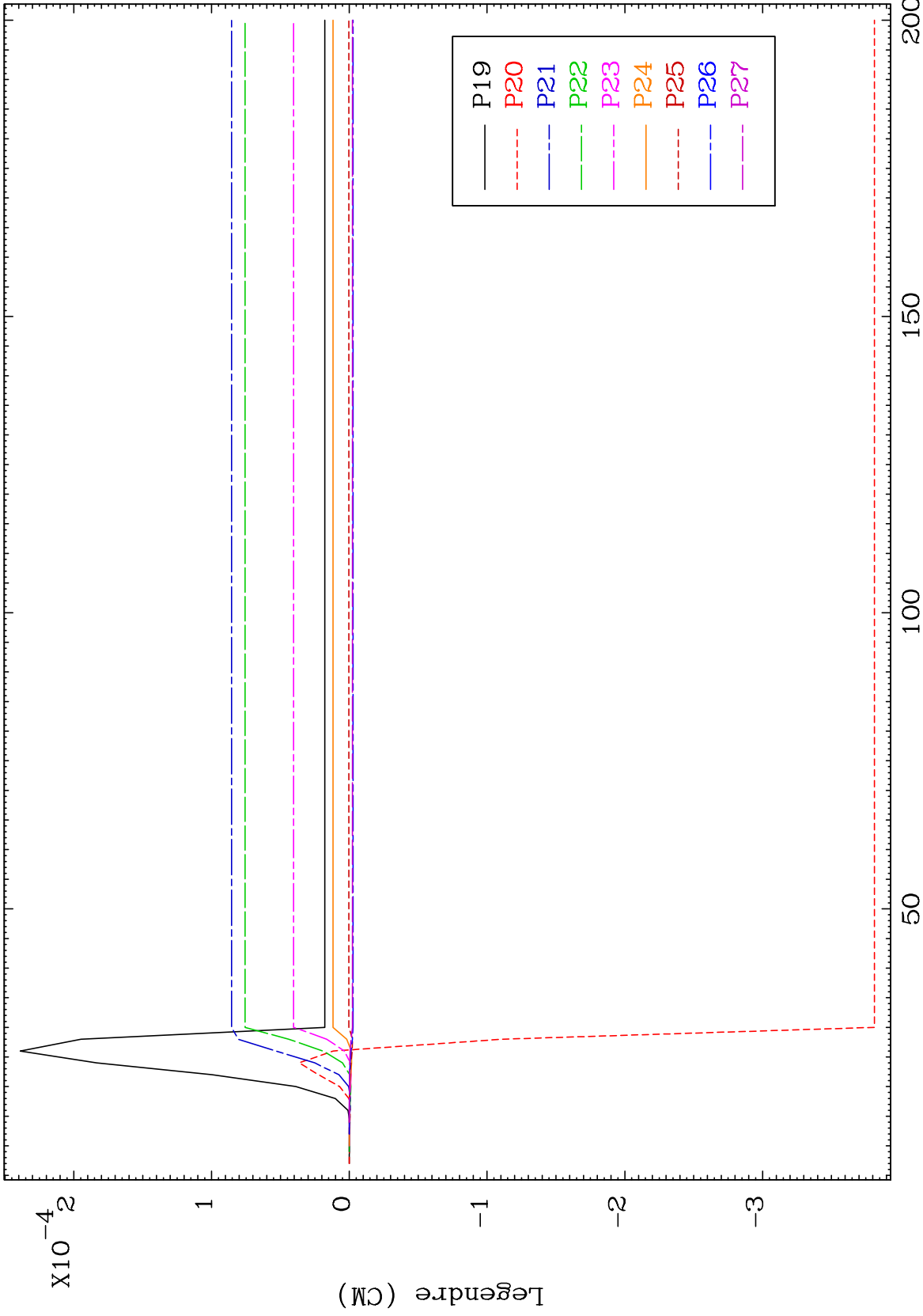
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



61

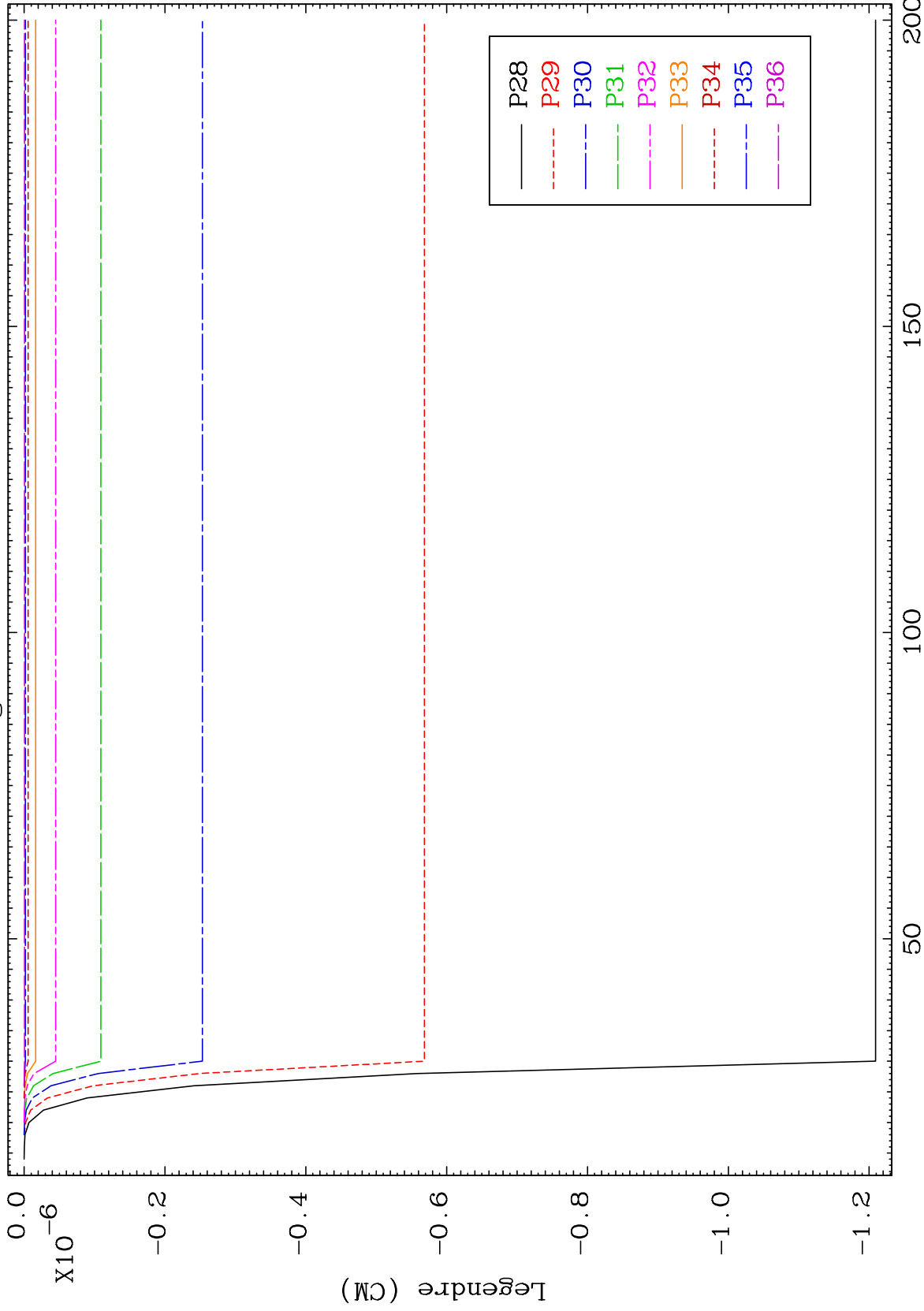
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



78-Pt-198

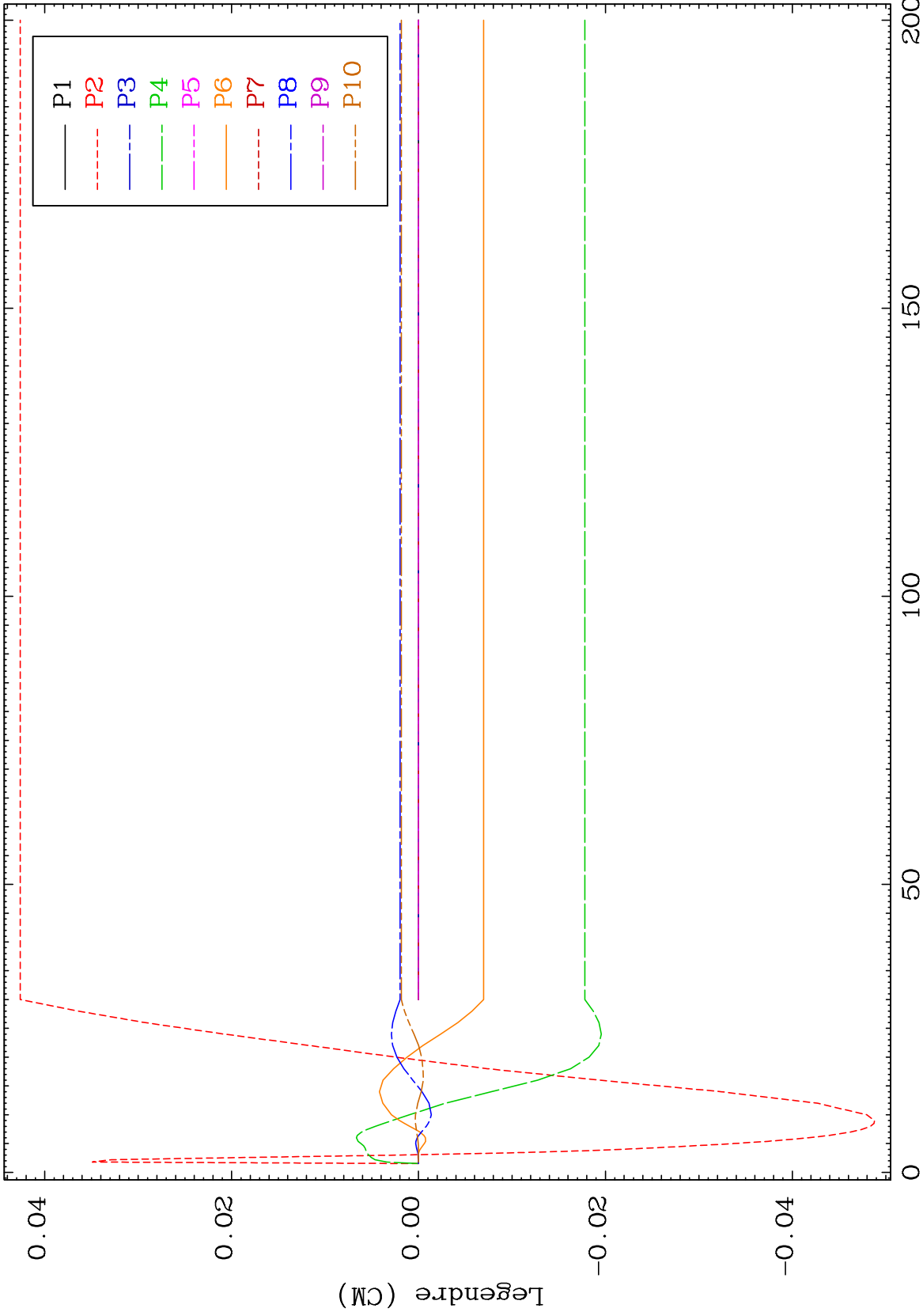
Incident Energy (MeV)

62

MAT 7849

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

78-Pt-198



63

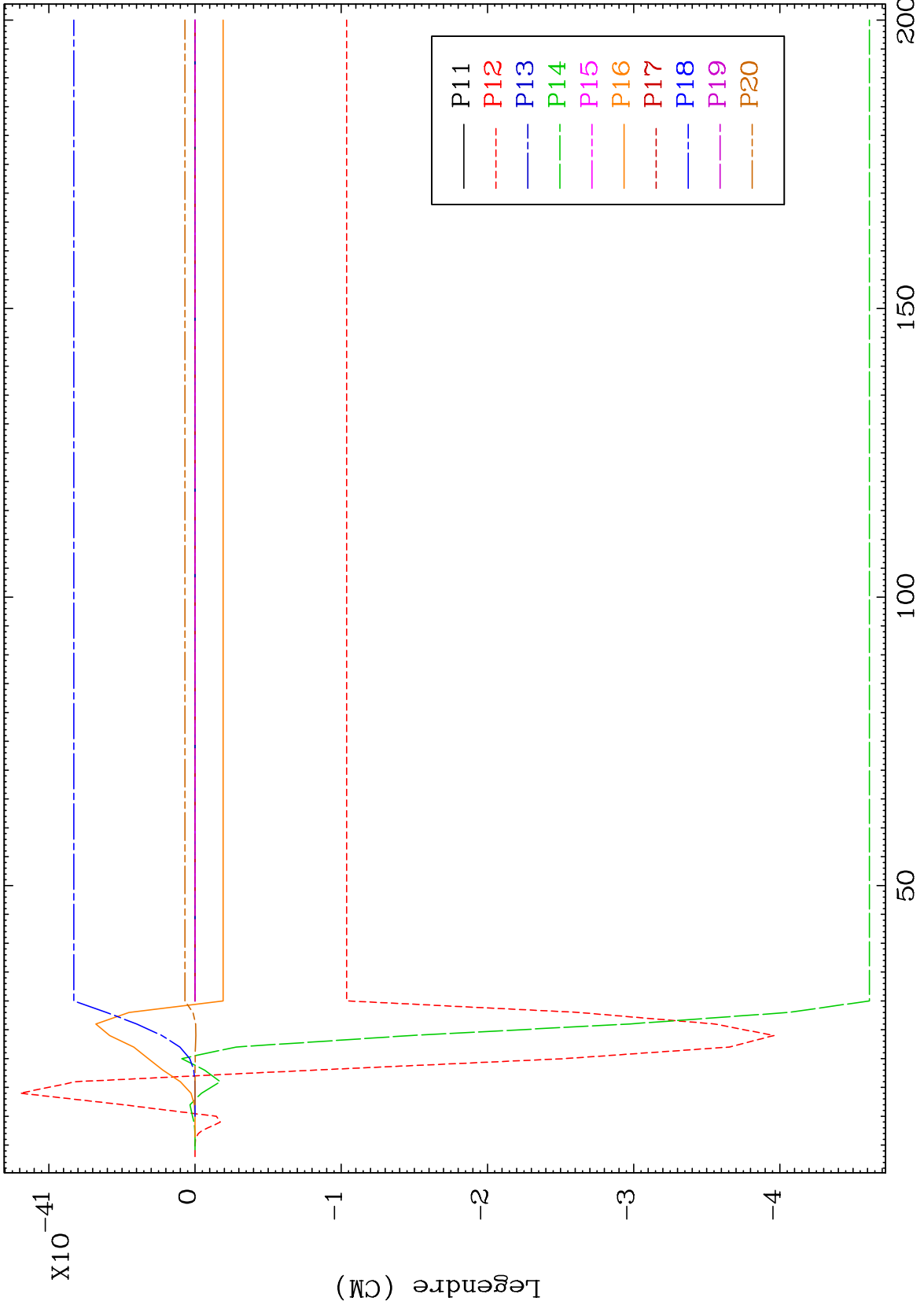
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



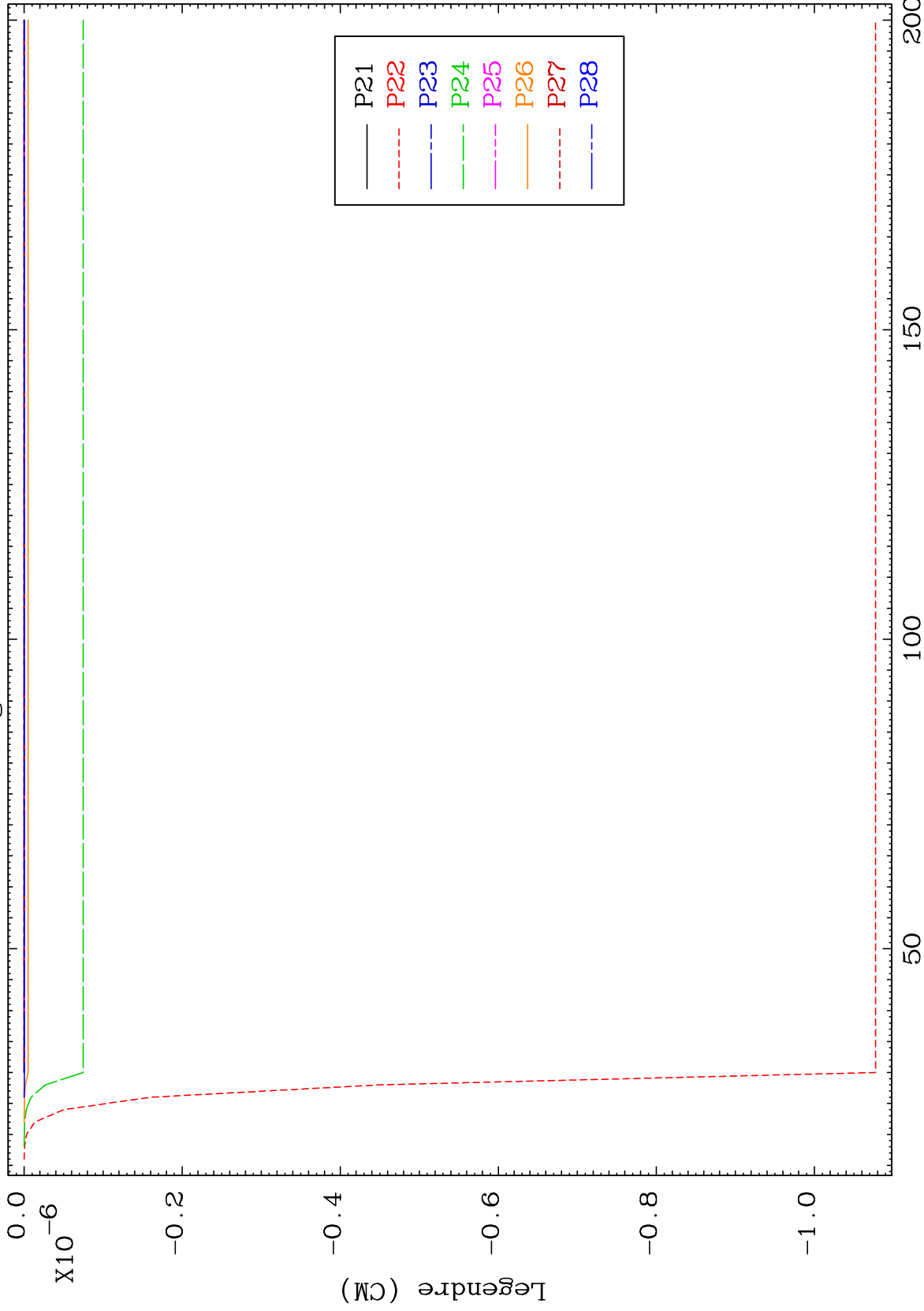
64

78-Pt-198

MAT 7849

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

78-Pt-198



65

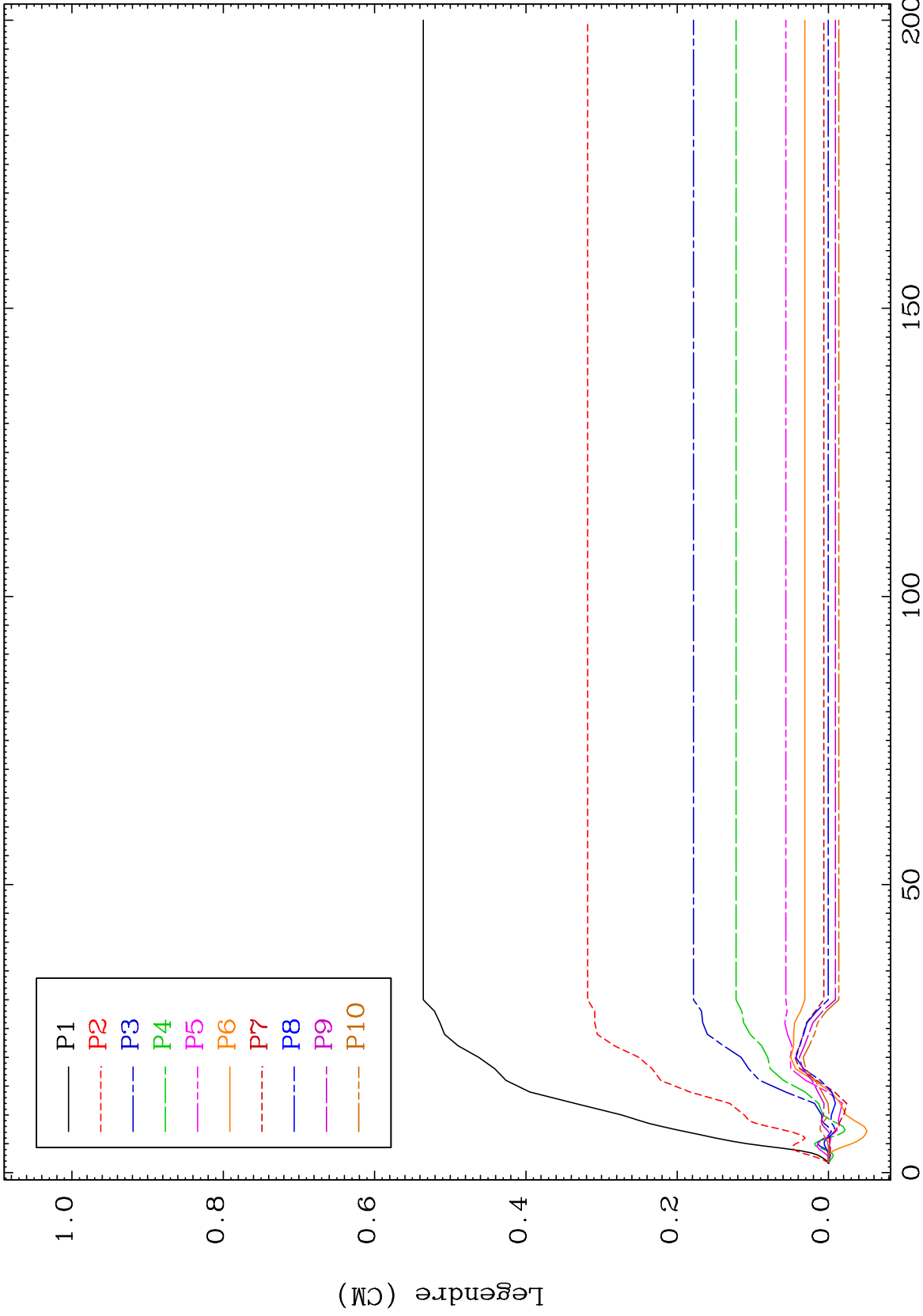
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



66

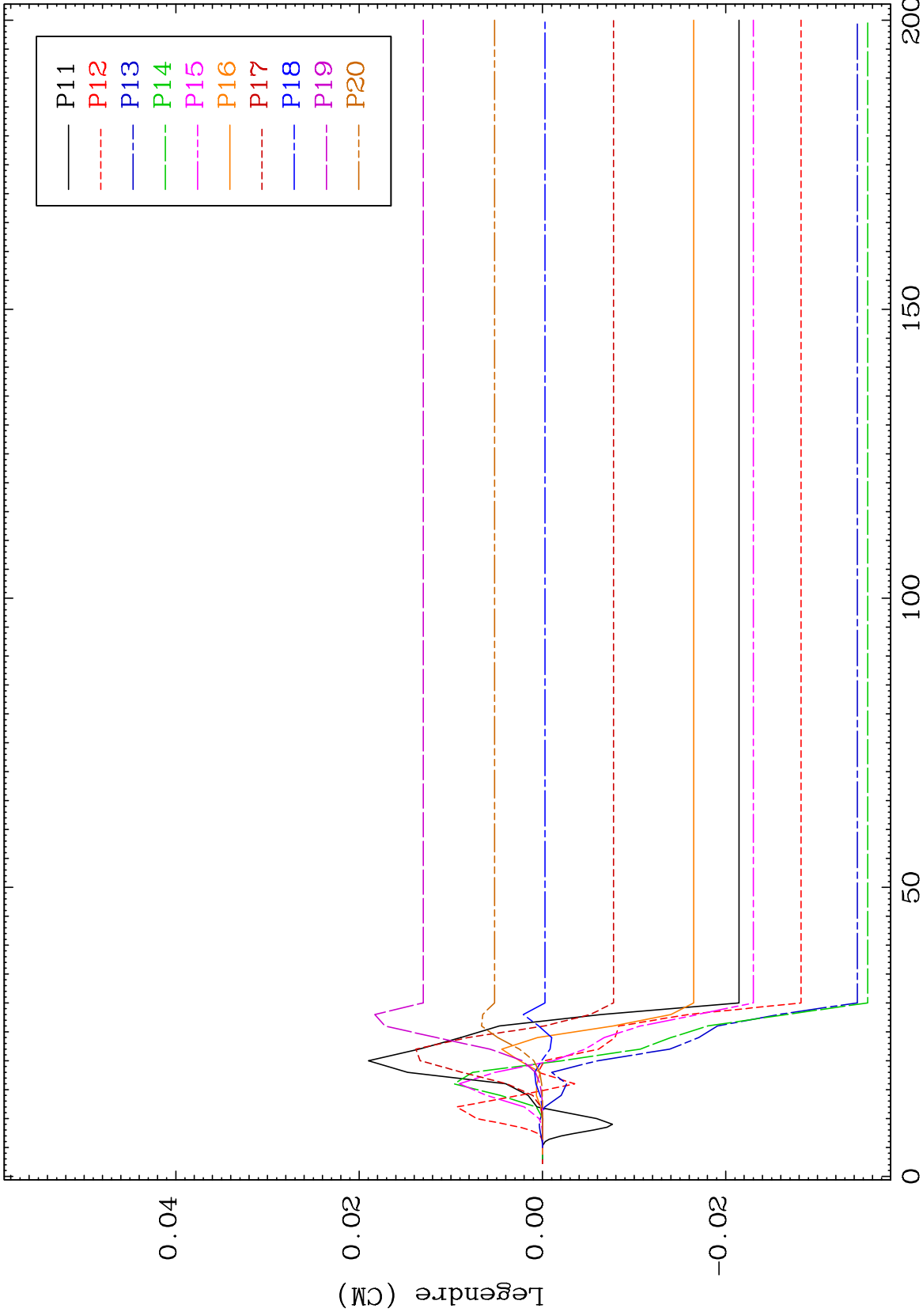
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



67

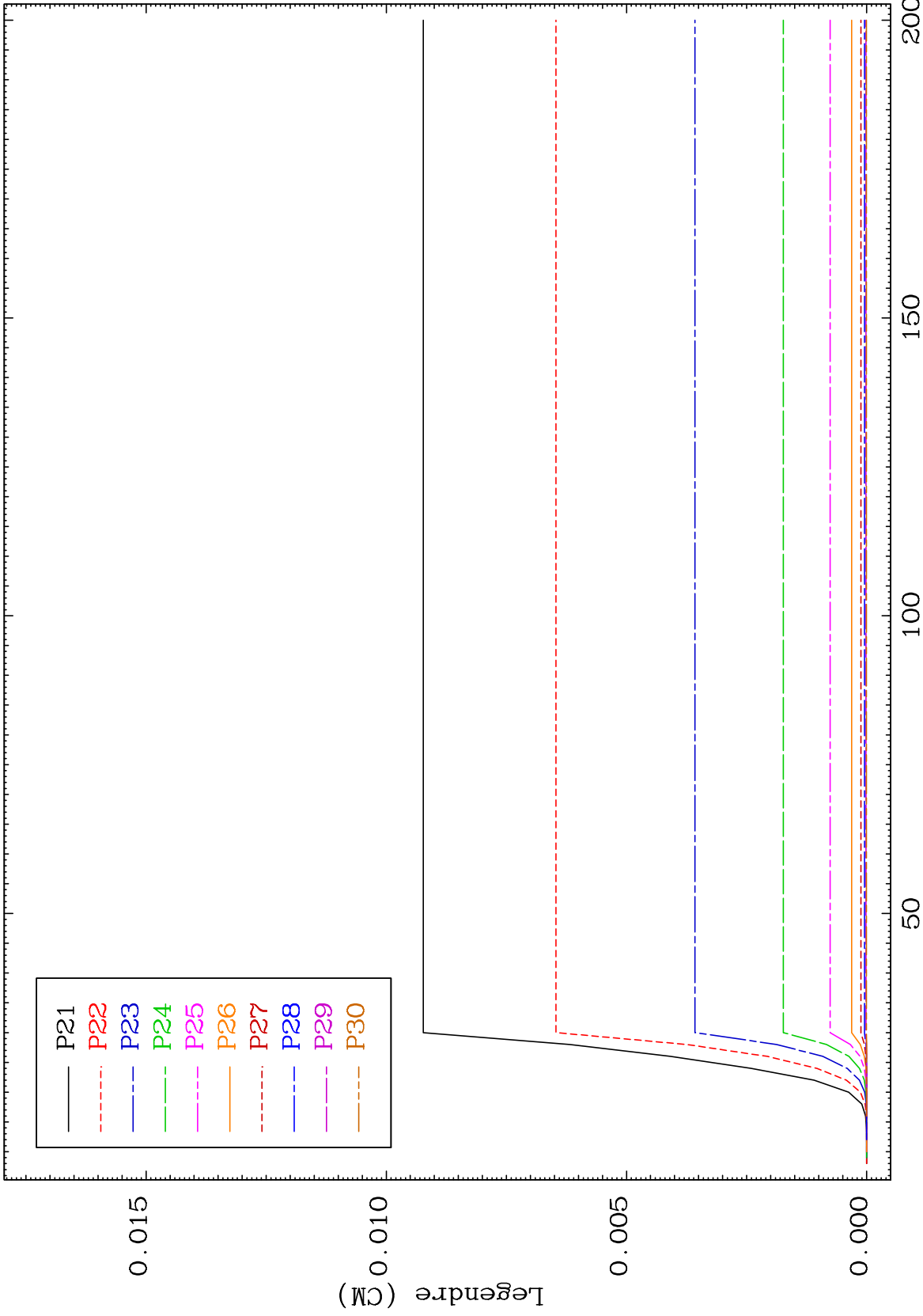
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



68

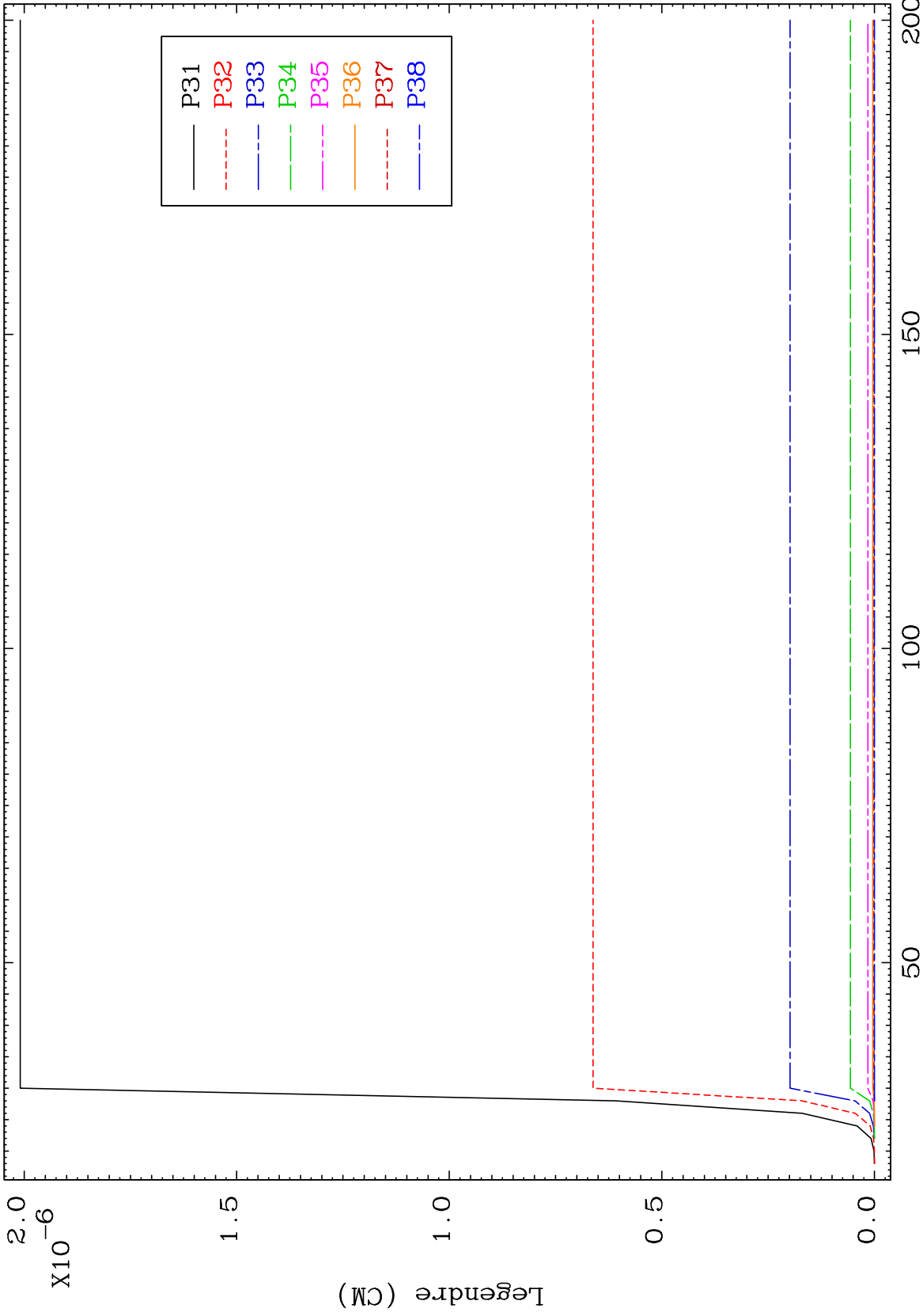
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



69

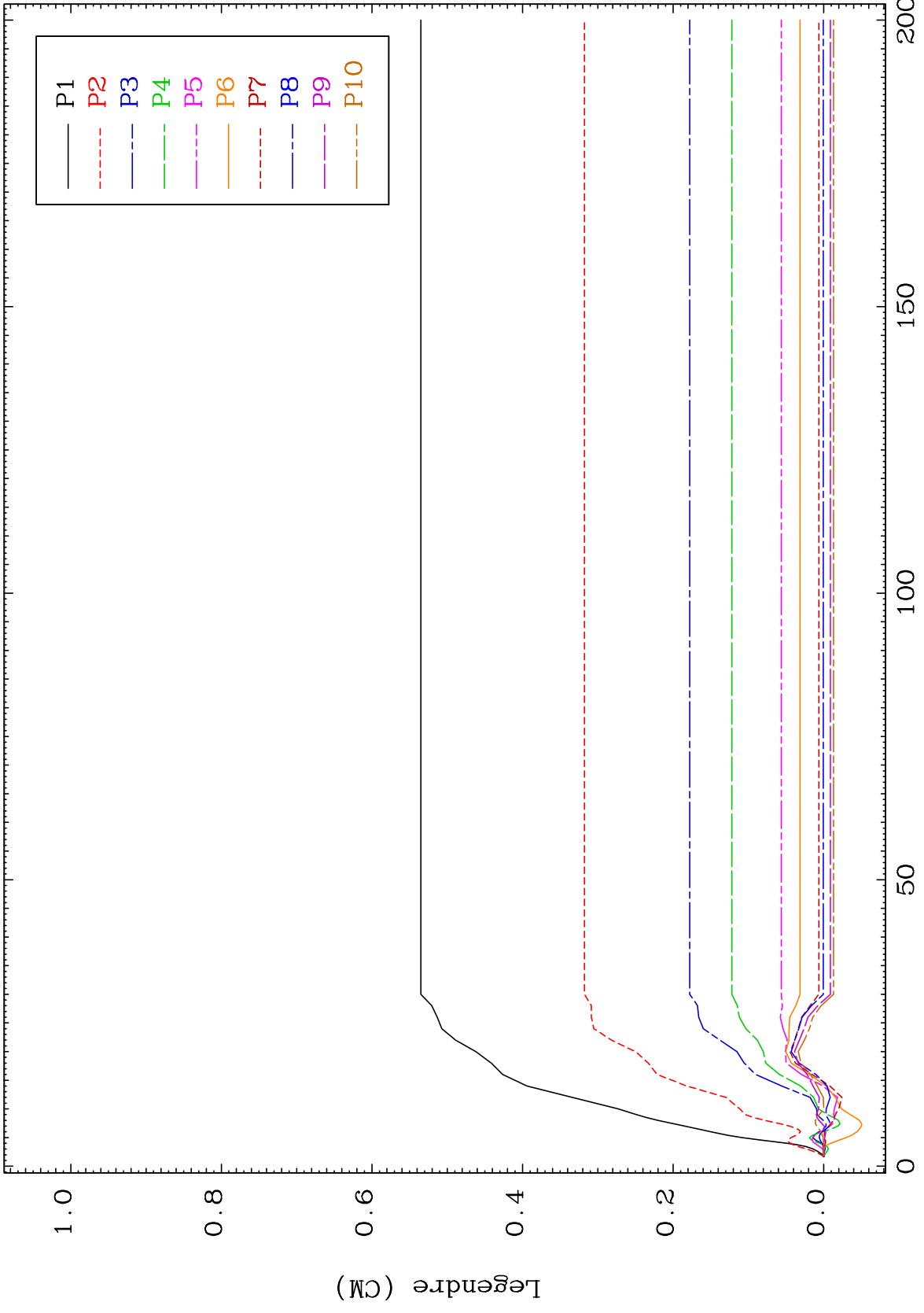
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



70

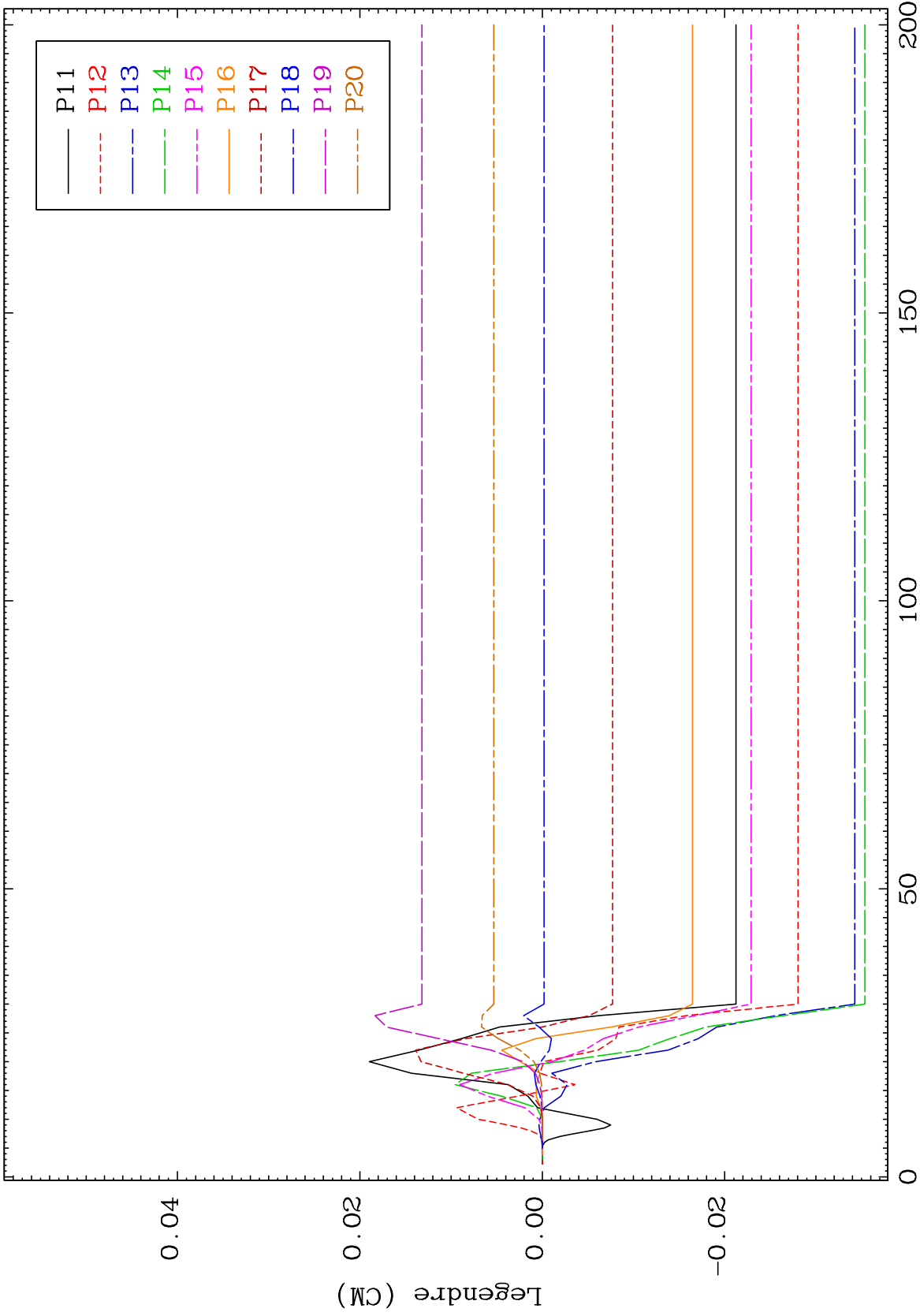
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



71

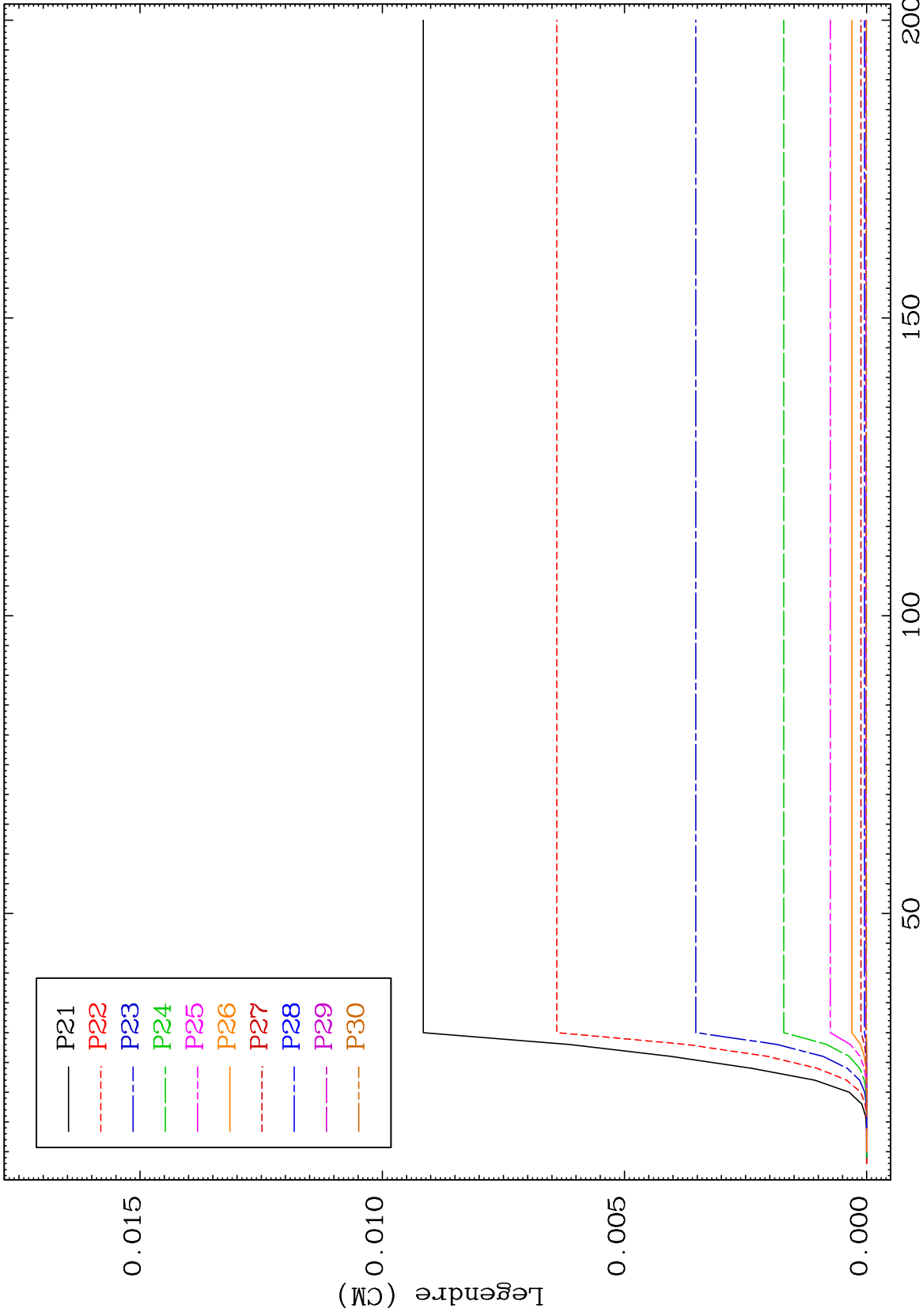
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



72

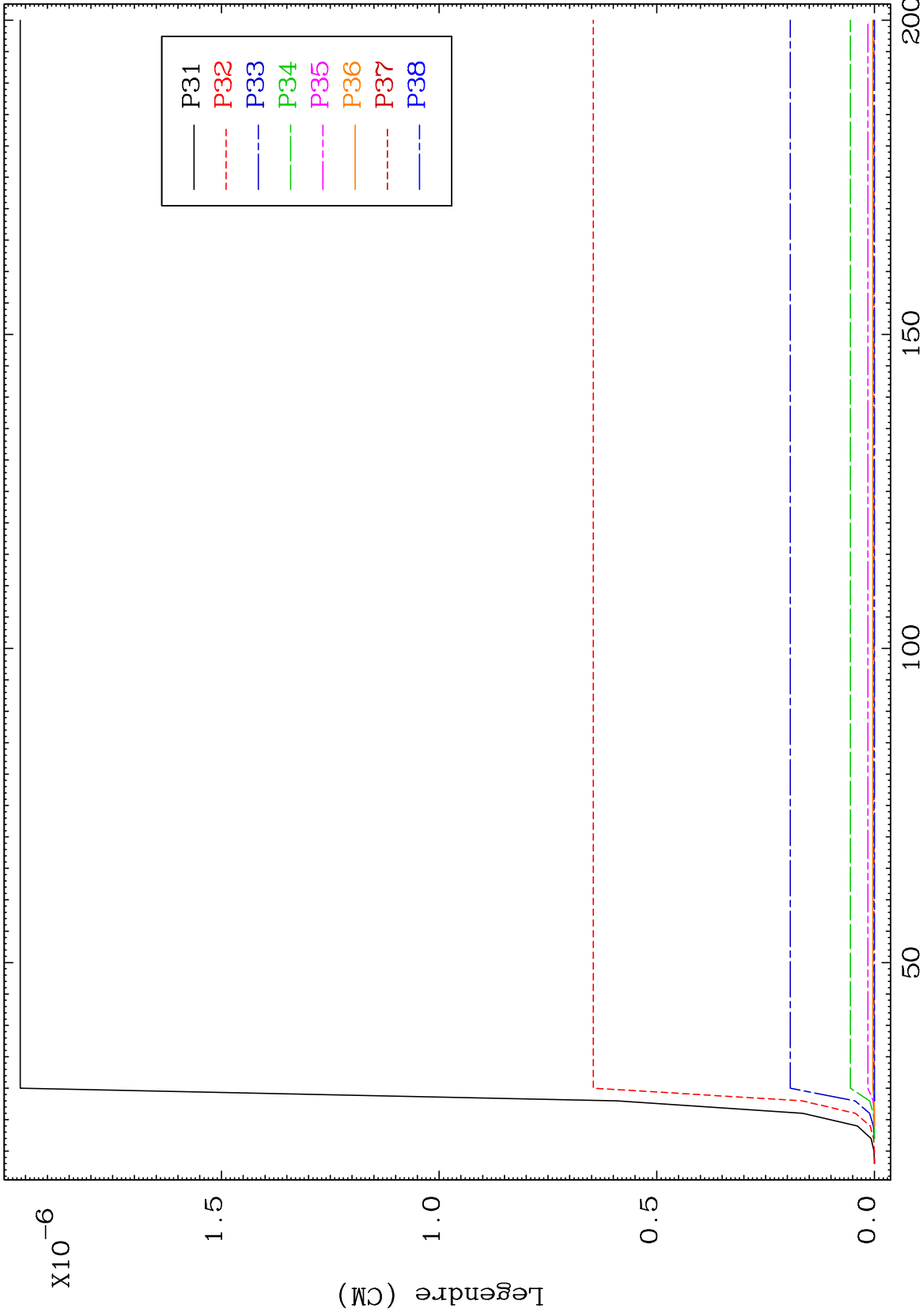
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



73

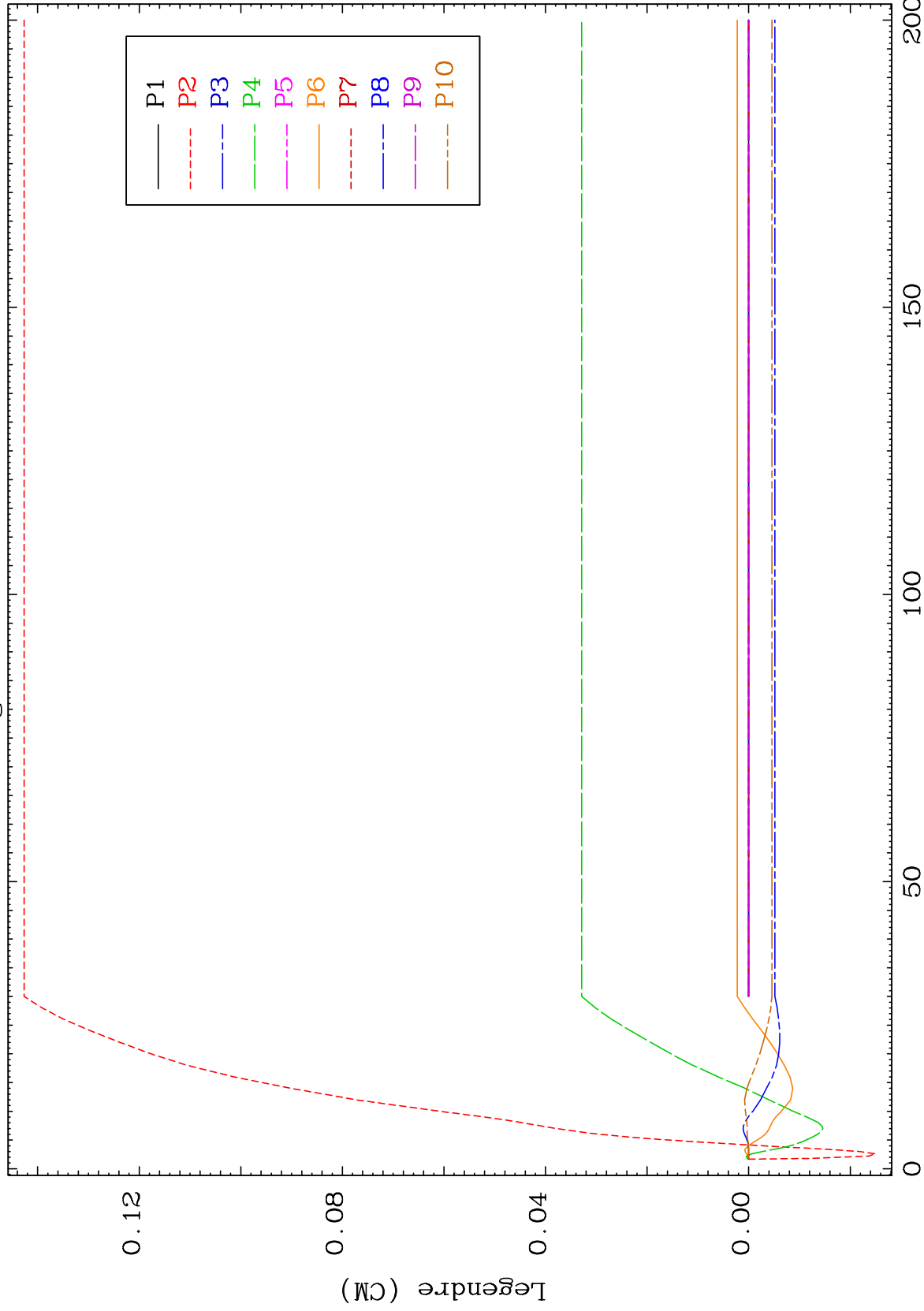
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



74

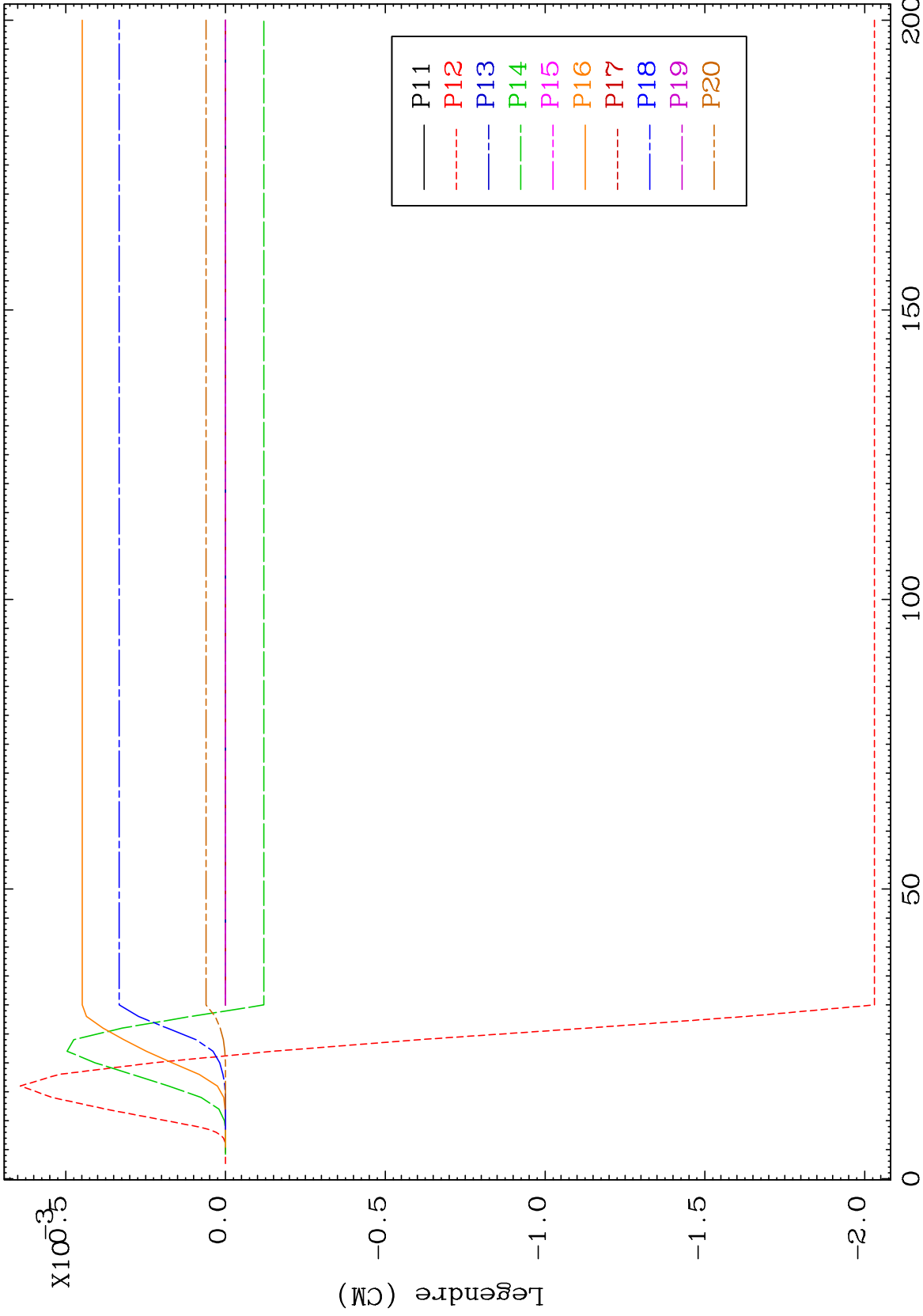
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



75

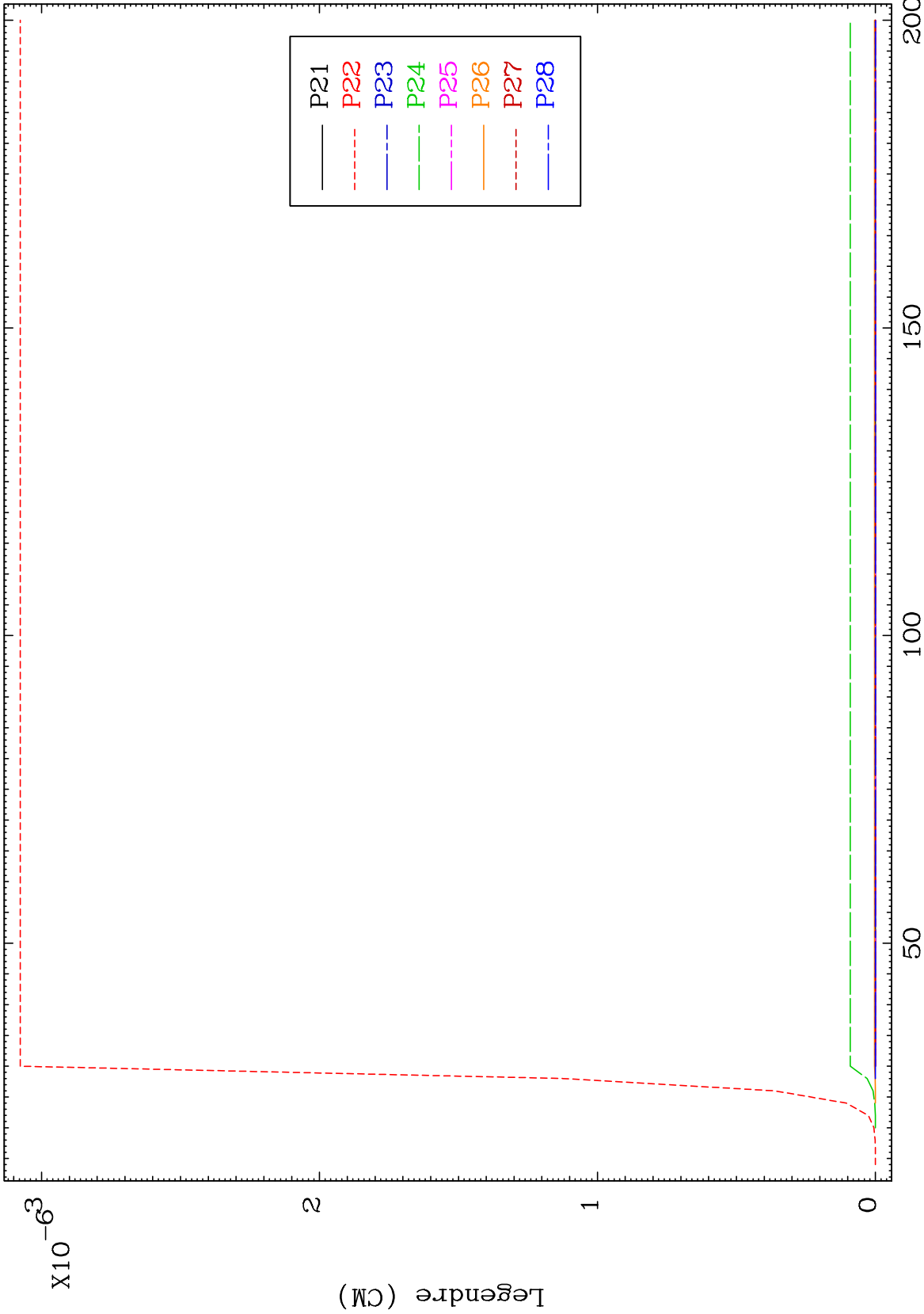
Incident Energy (MeV)

78-Pt-198

MAT 7849

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

78-Pt-198



76

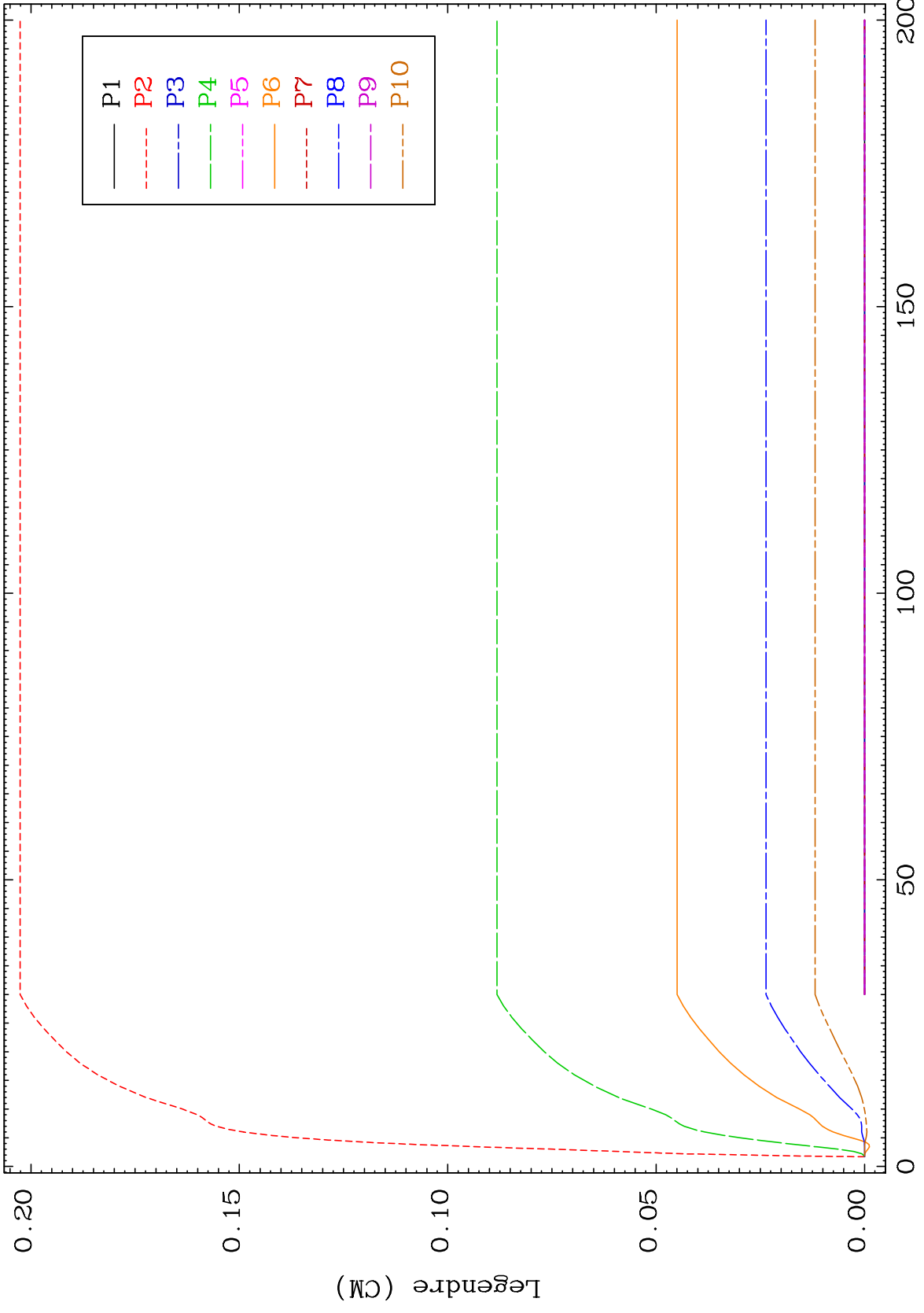
Incident Energy (MeV)

78-Pt-198

MAT 7849

MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-198



77

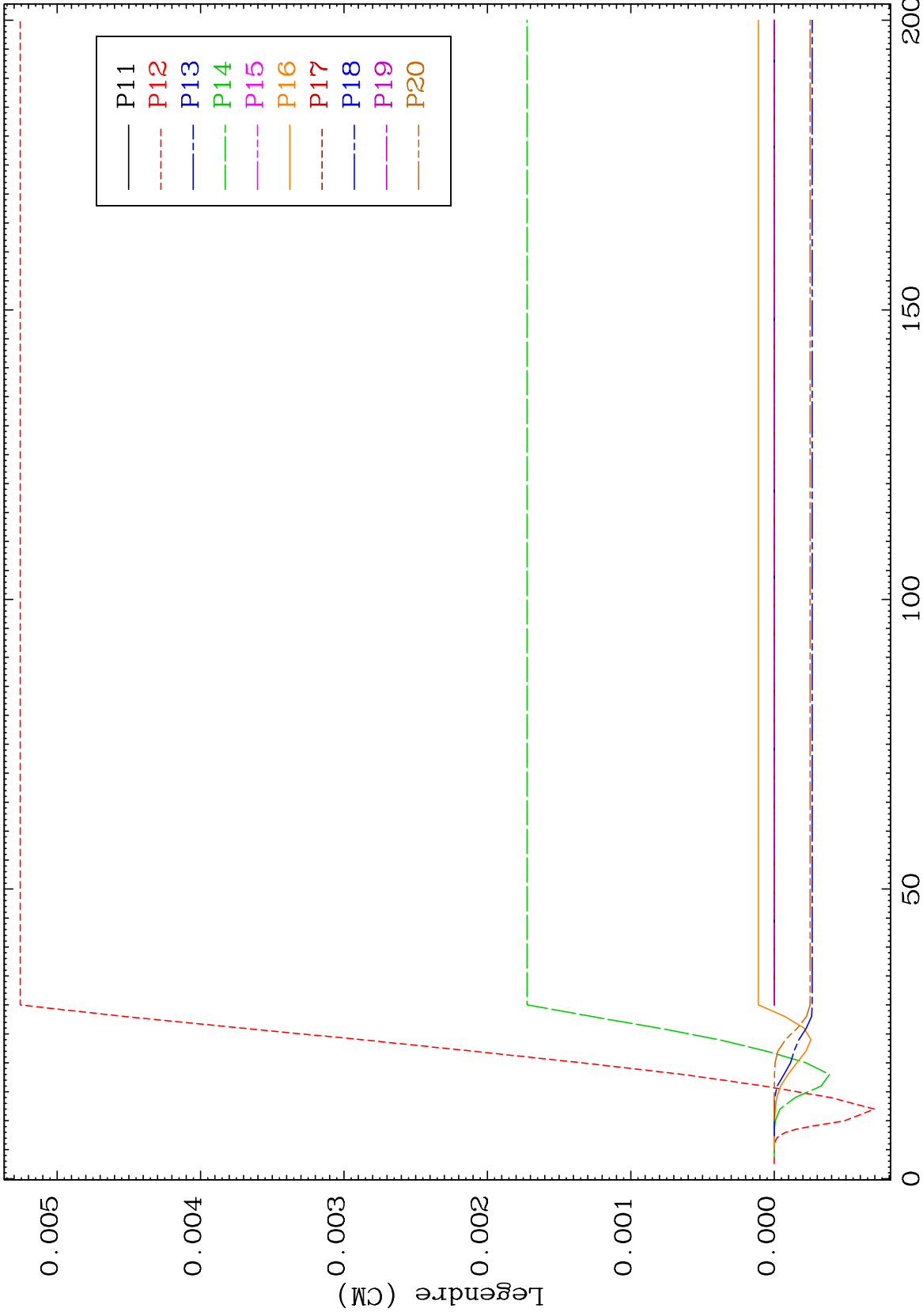
Incident Energy (MeV)

78-Pt-198

MAT 7849

MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-198



78

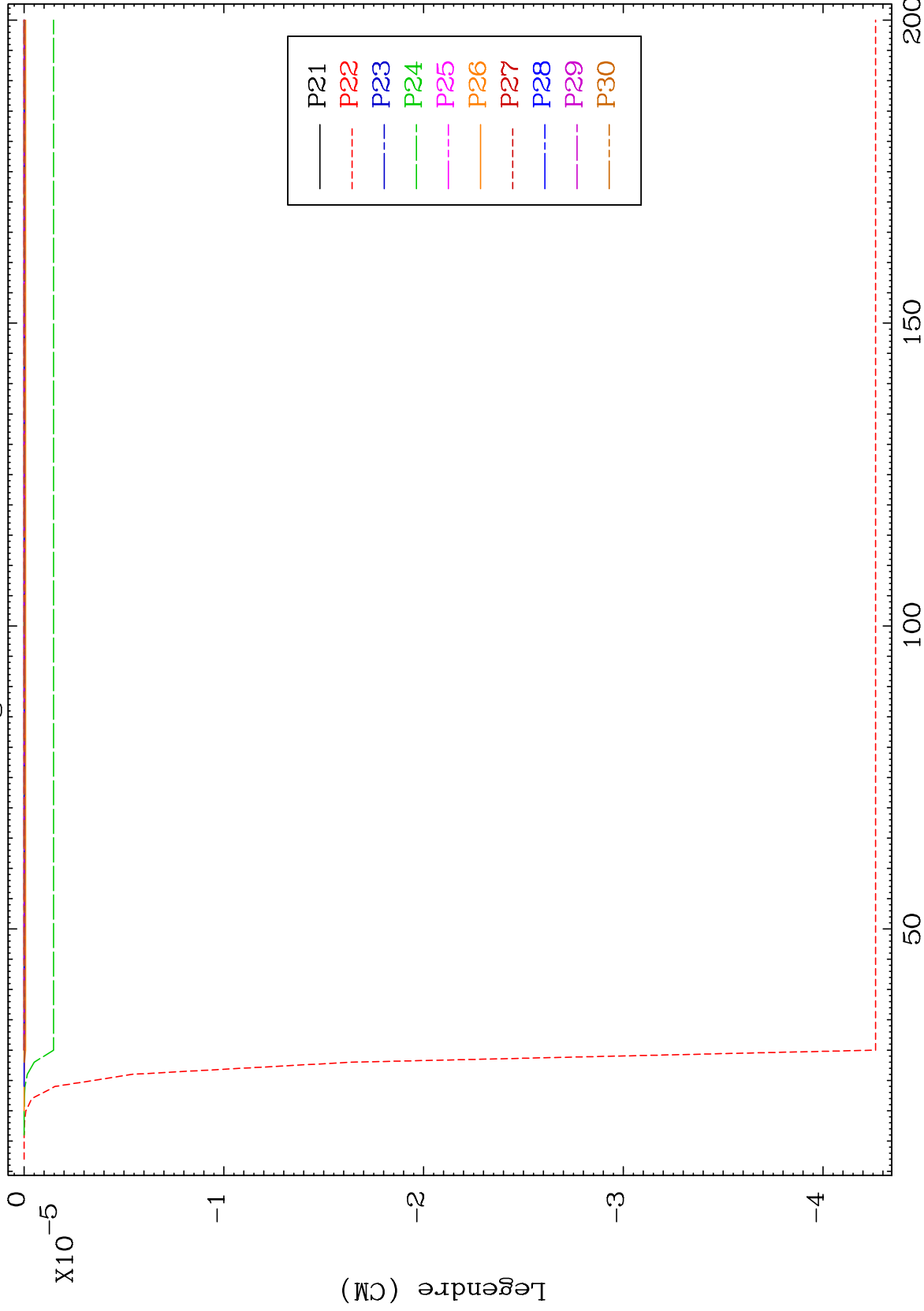
Incident Energy (MeV)

78-Pt-198

MAT 7849

MT= 67 (n,n') Level
Legendre Coefficients

78-Pt-198



79

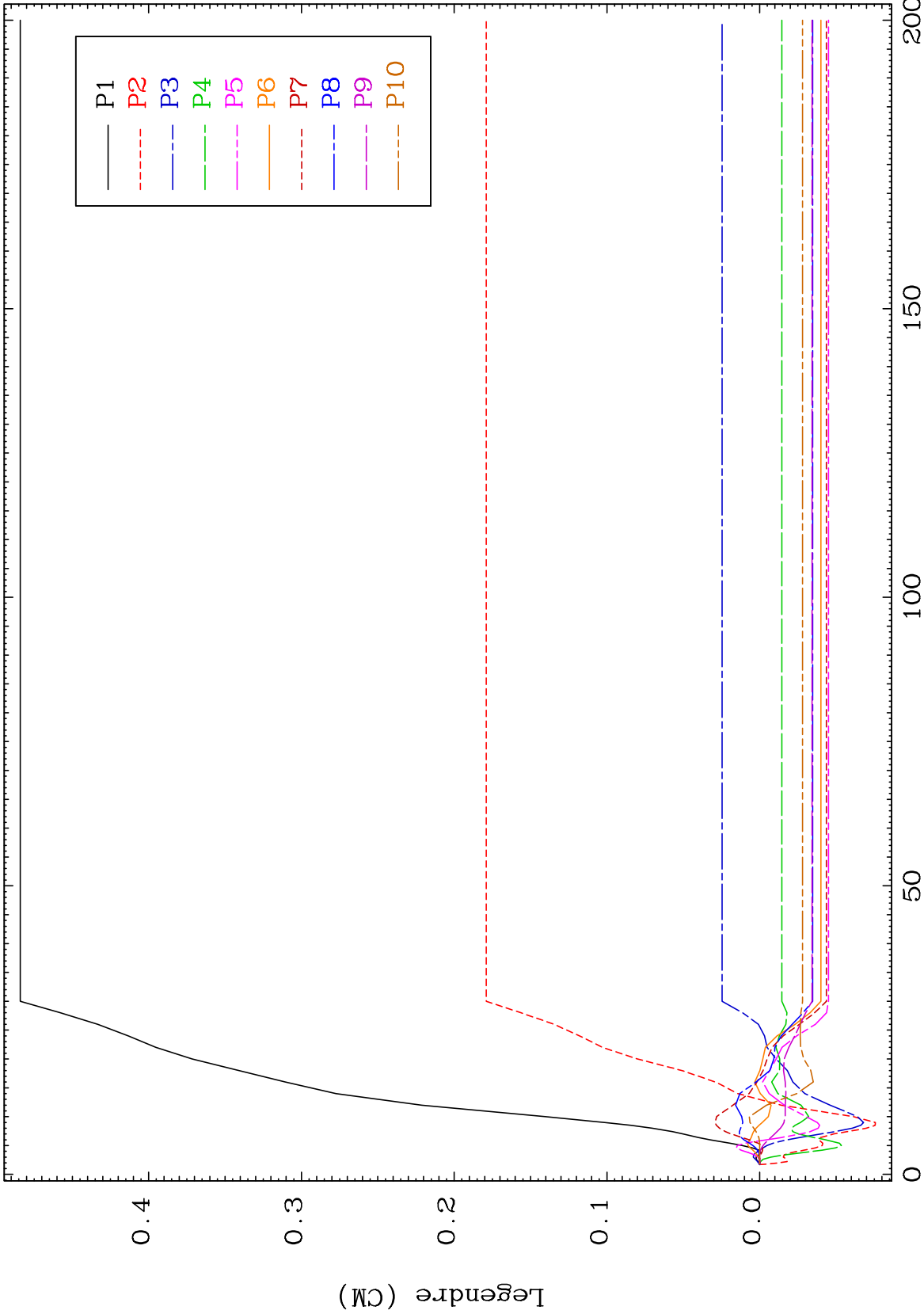
Incident Energy (MeV)

78-Pt-198

MAT 7849

MT= 68 (n,n') Level
Legendre Coefficients

78-Pt-198



80

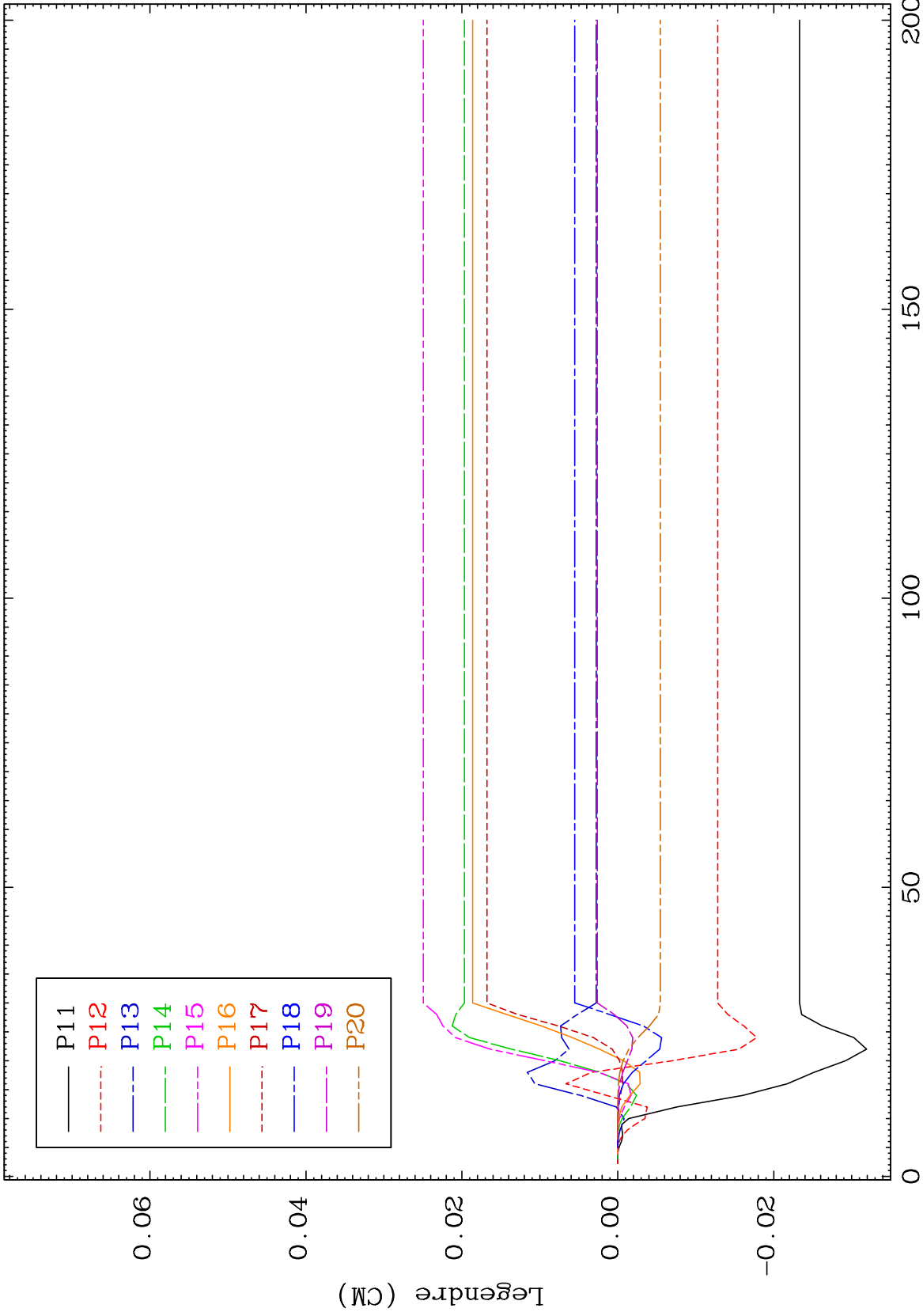
Incident Energy (MeV)

78-Pt-198

MAT 7849

MT= 68 (n,n') Level
Legendre Coefficients

78-Pt-198



81

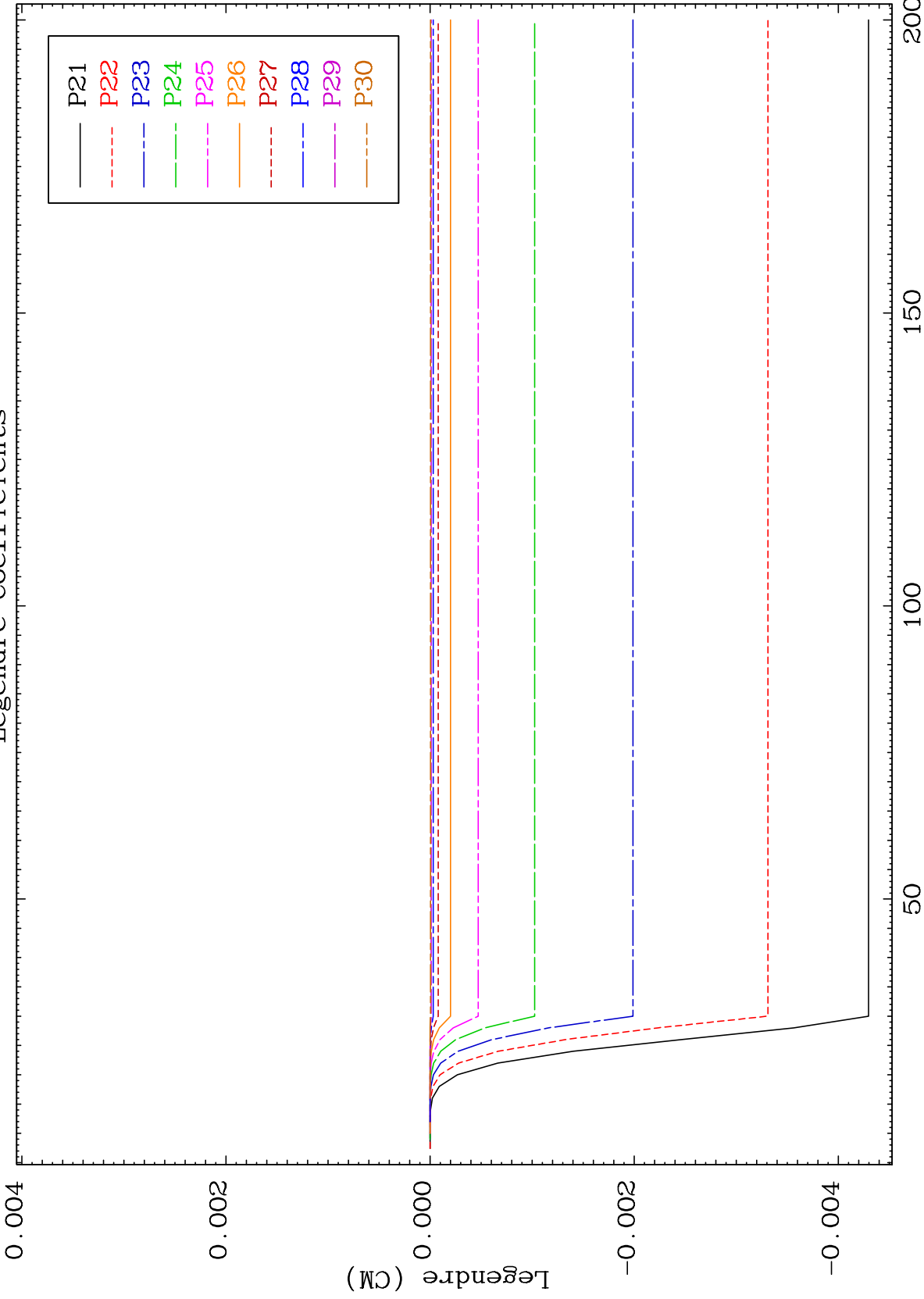
Incident Energy (MeV)

78-Pt-198

MAT 7849

MT= 68 (n,n') Level
Legendre Coefficients

78-Pt-198



82

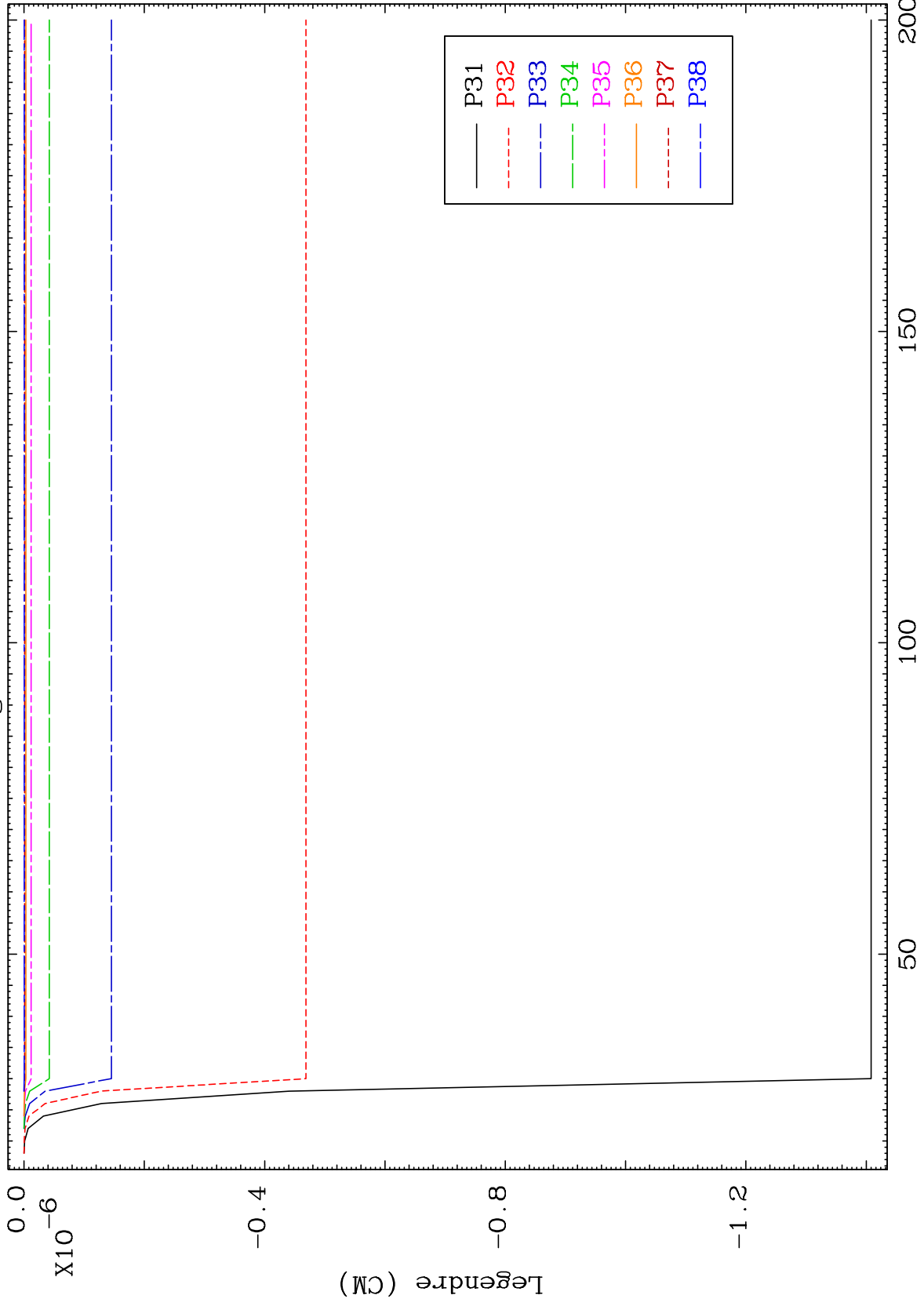
Incident Energy (MeV)

78-Pt-198

MAT 7849

MT= 68 (n,n') Level
Legendre Coefficients

78-Pt-198



83

Incident Energy (MeV)

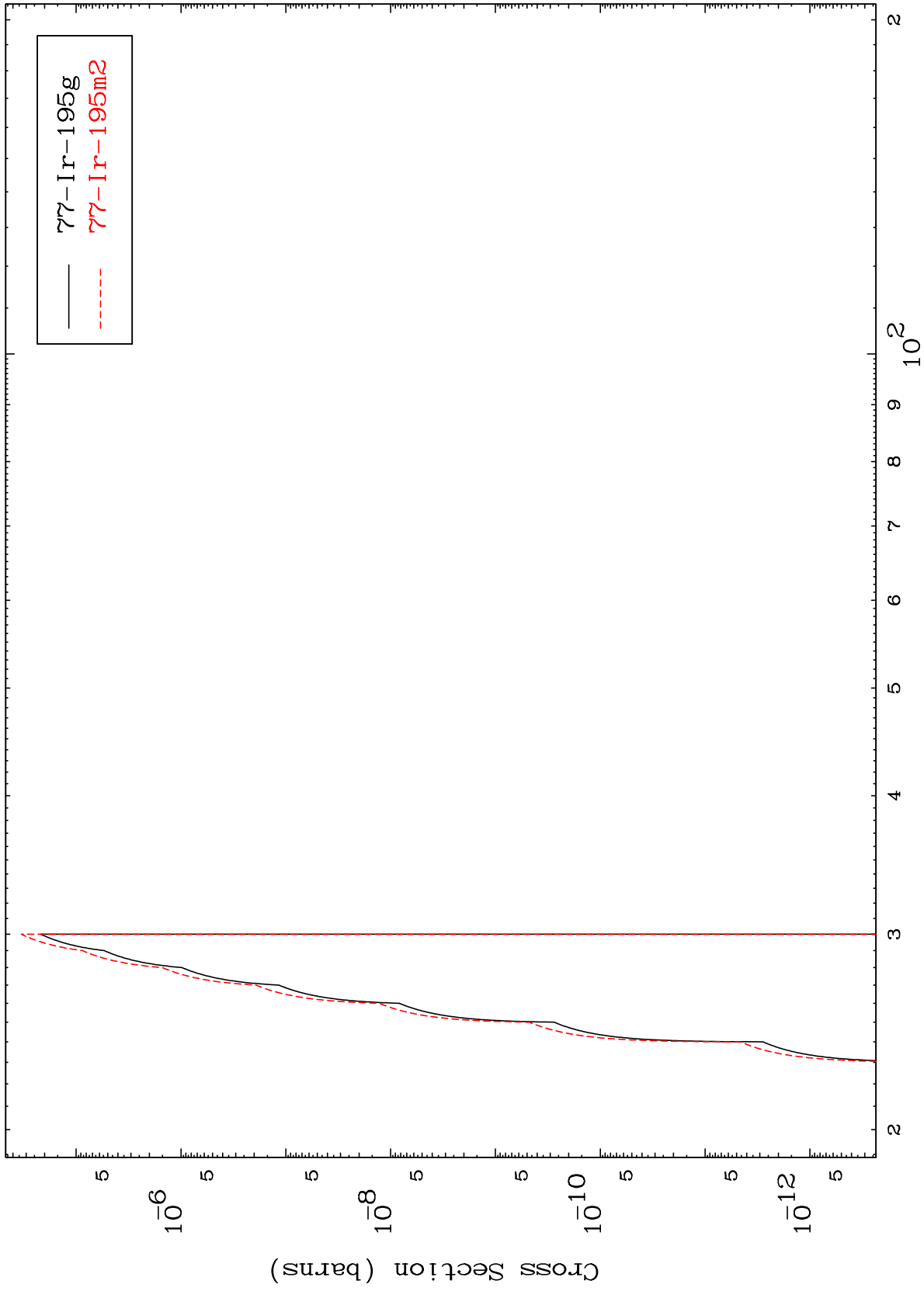
78-Pt-198

MAT 7849

(n,2n) d

78-Pt-198

Radionuclide Production Cross Section



84

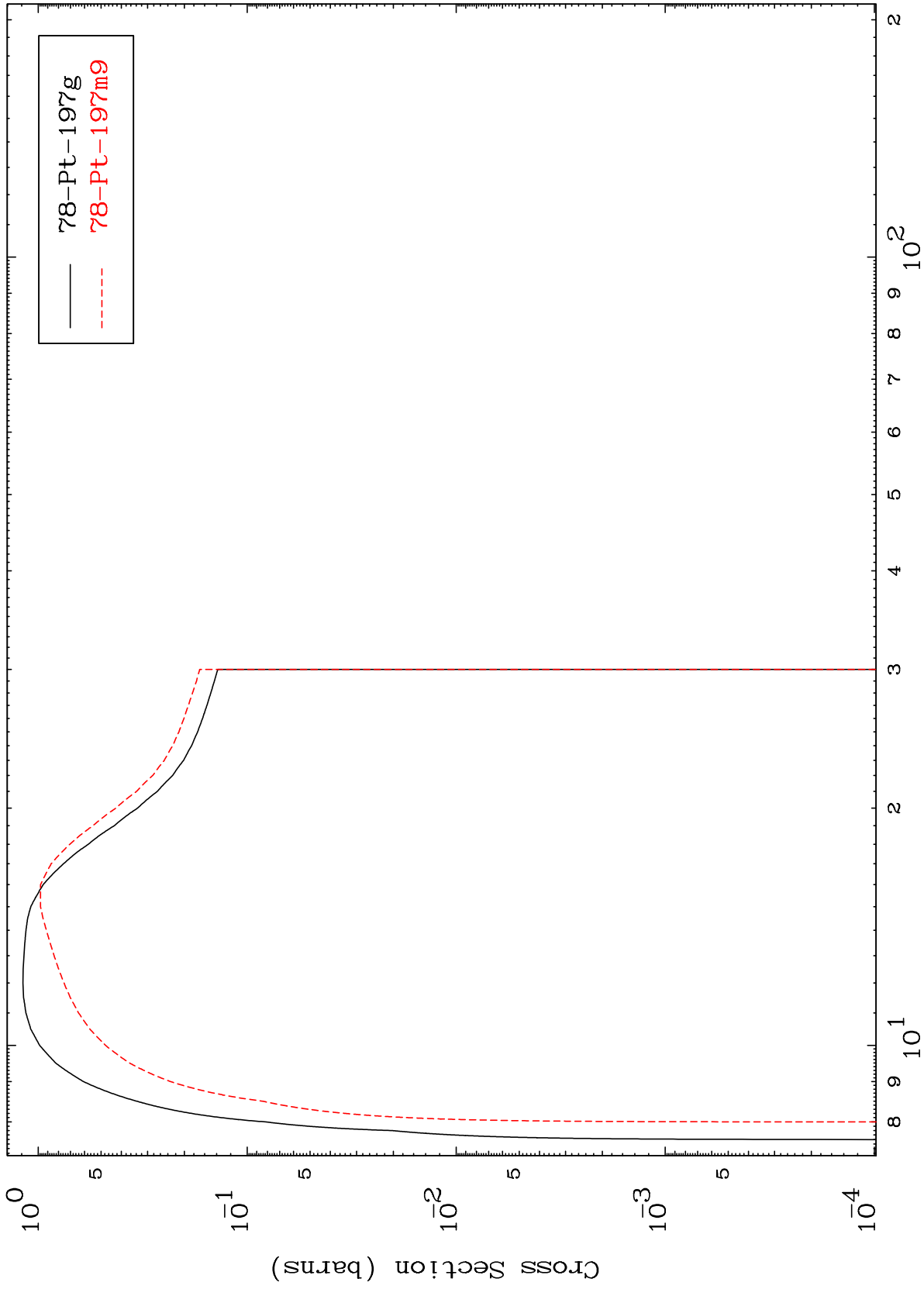
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(n,2n)
Radionuclide Production Cross Section



85

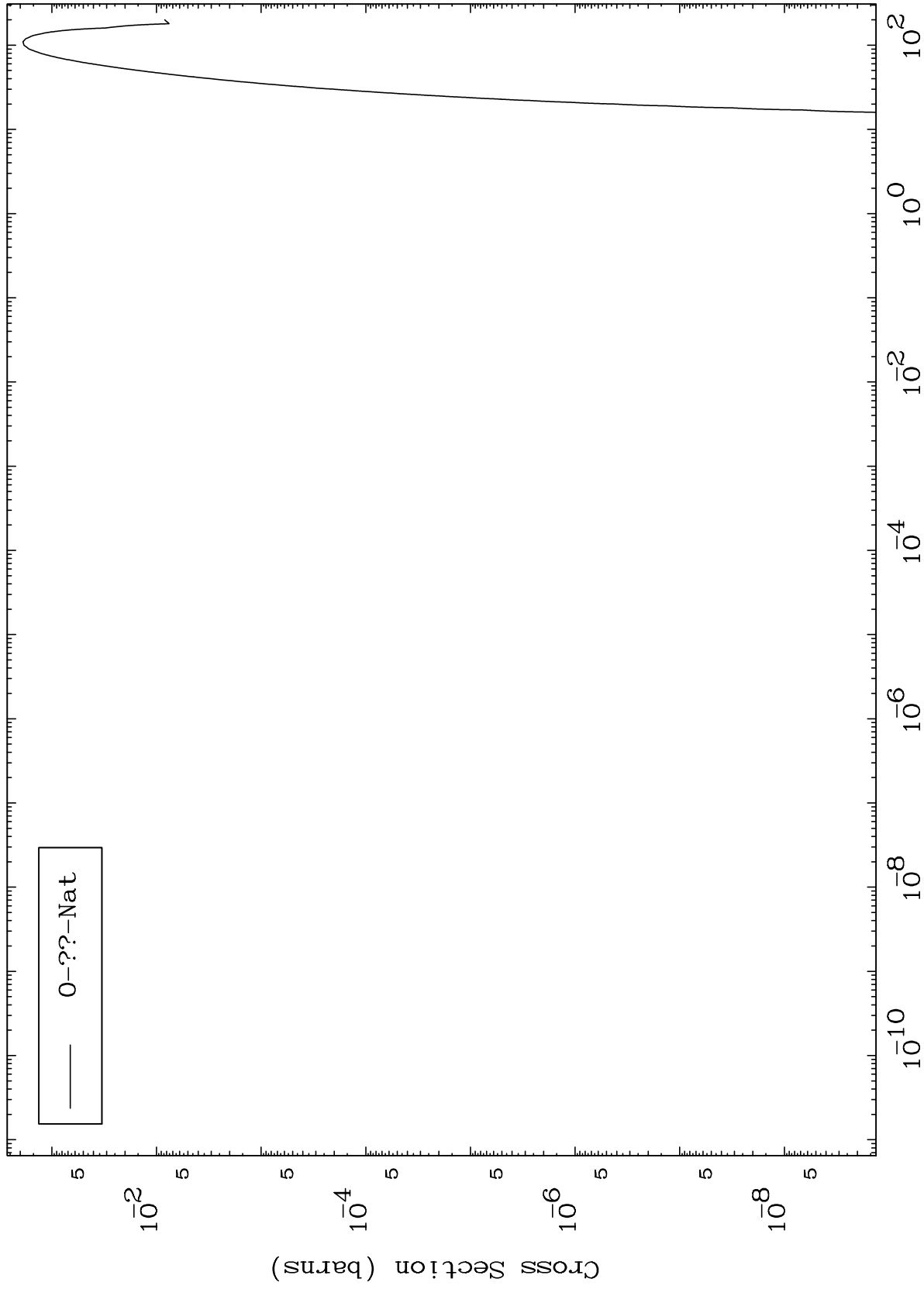
Incident Energy (MeV)

78-Pt-198

MAT 7849

Fission
Radionuclide Production Cross Section

78-Pt-198



86

Incident Energy (MeV)

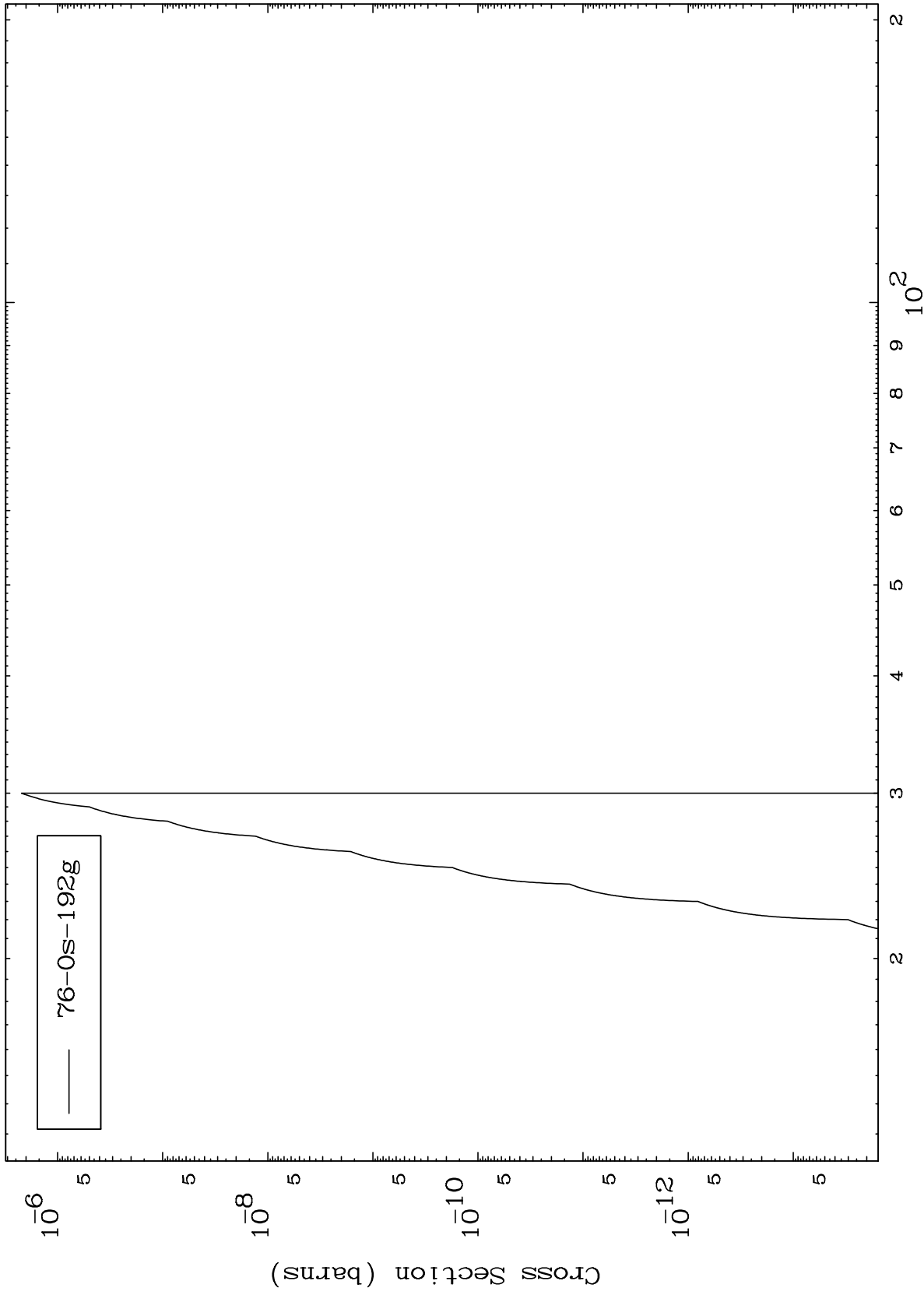
78-Pt-198

MAT 7849

(n,3n) α

78-Pt-198

Radionuclide Production Cross Section



87

Incident Energy (MeV)

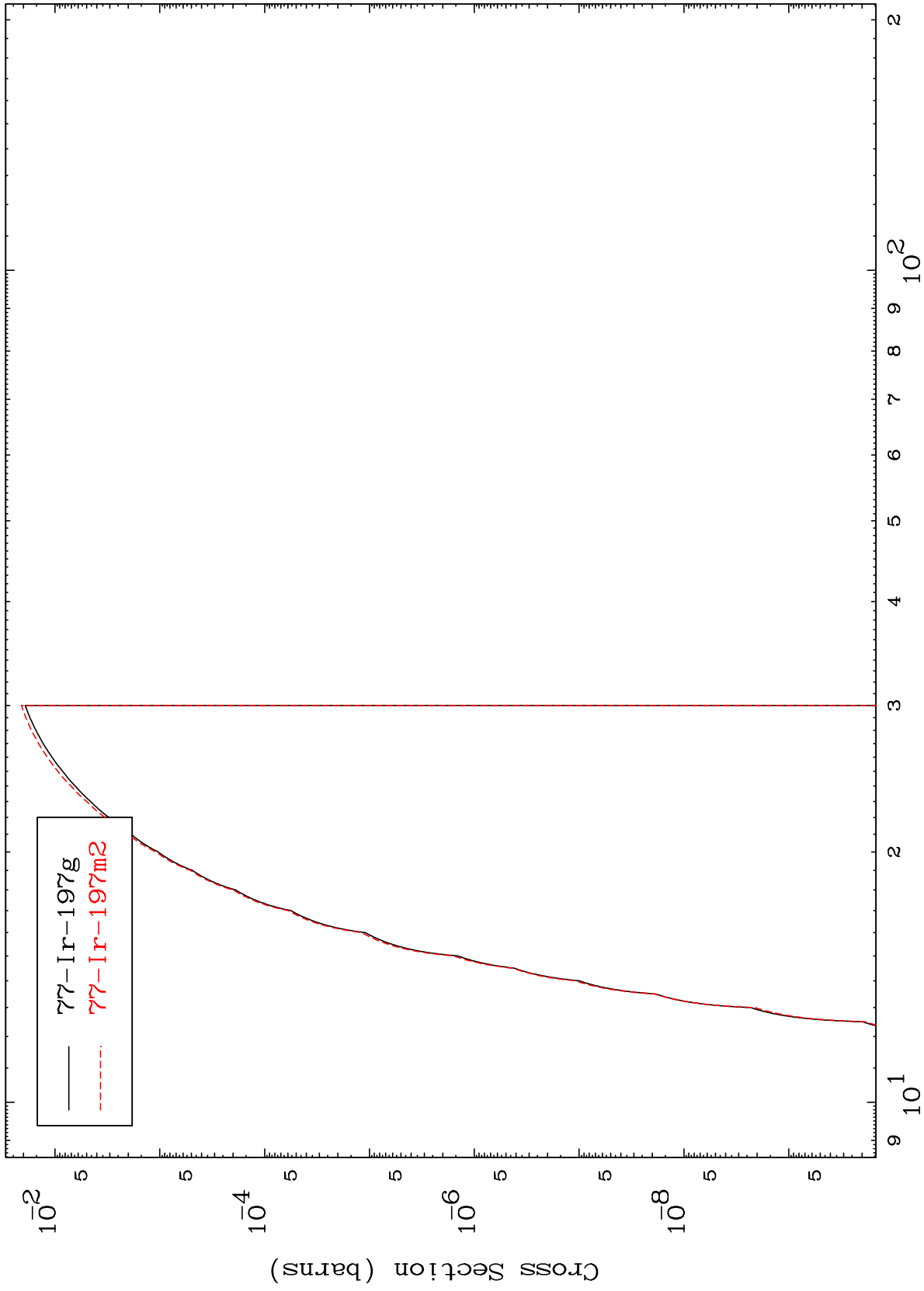
78-Pt-198

MAT 7849

(n,n') p

78-Pt-198

Radionuclide Production Cross Section



88

Incident Energy (MeV)

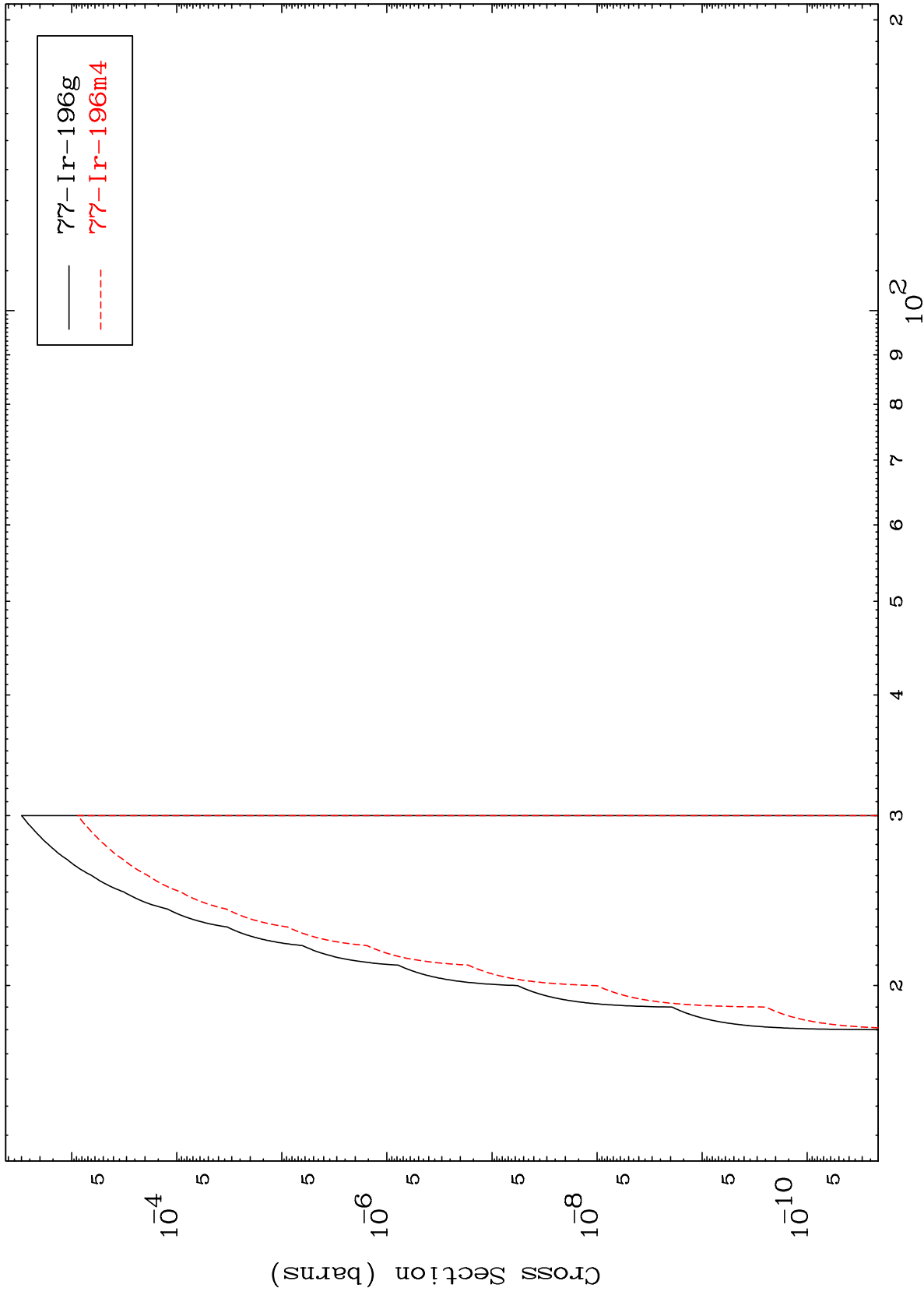
78-Pt-198

MAT 7849

(n,n') d

78-Pt-198

Radionuclide Production Cross Section



89

Incident Energy (MeV)

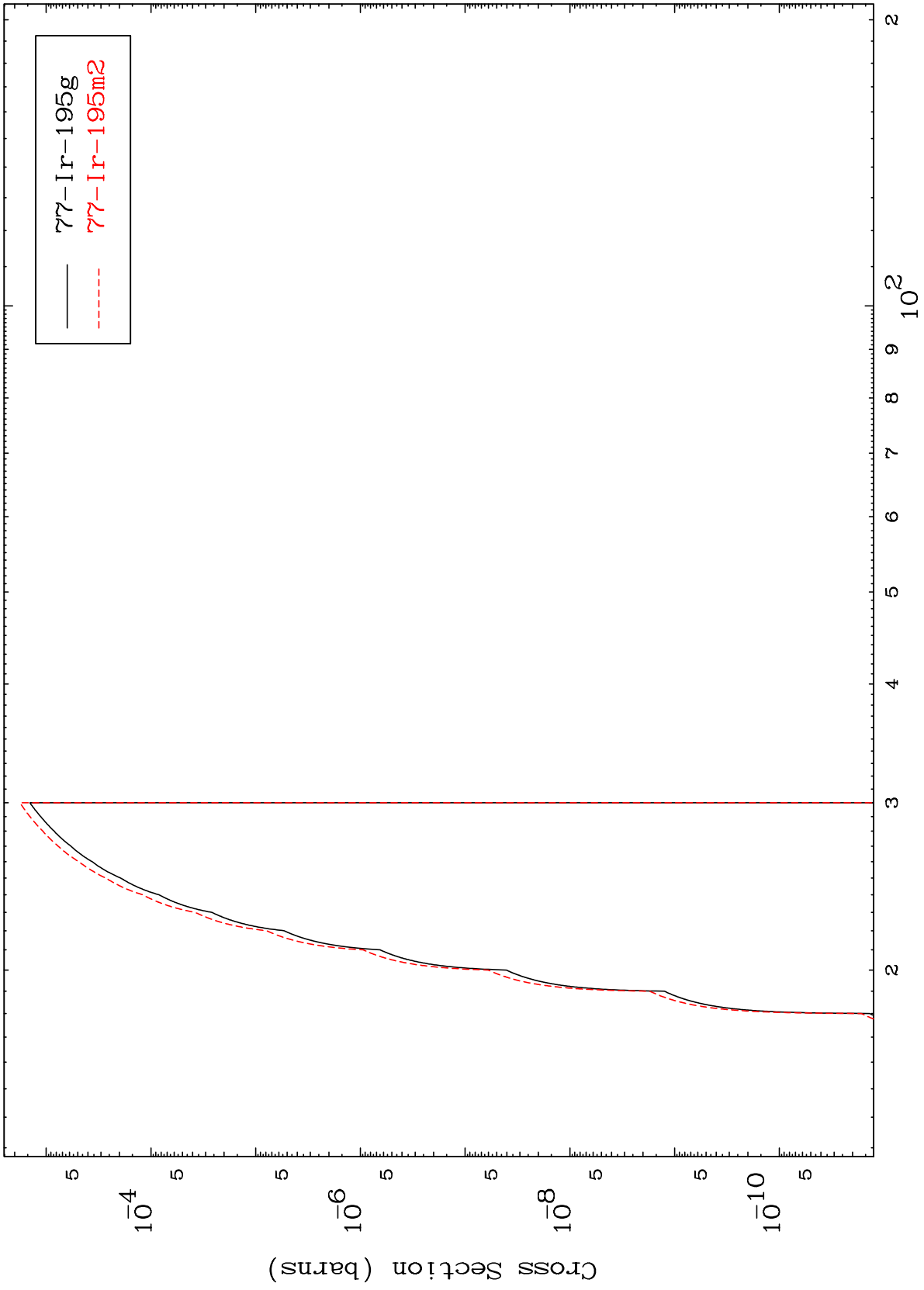
78-Pt-198

MAT 7849

(n,n') t

78-Pt-198

Radionuclide Production Cross Section



90

Incident Energy (MeV)

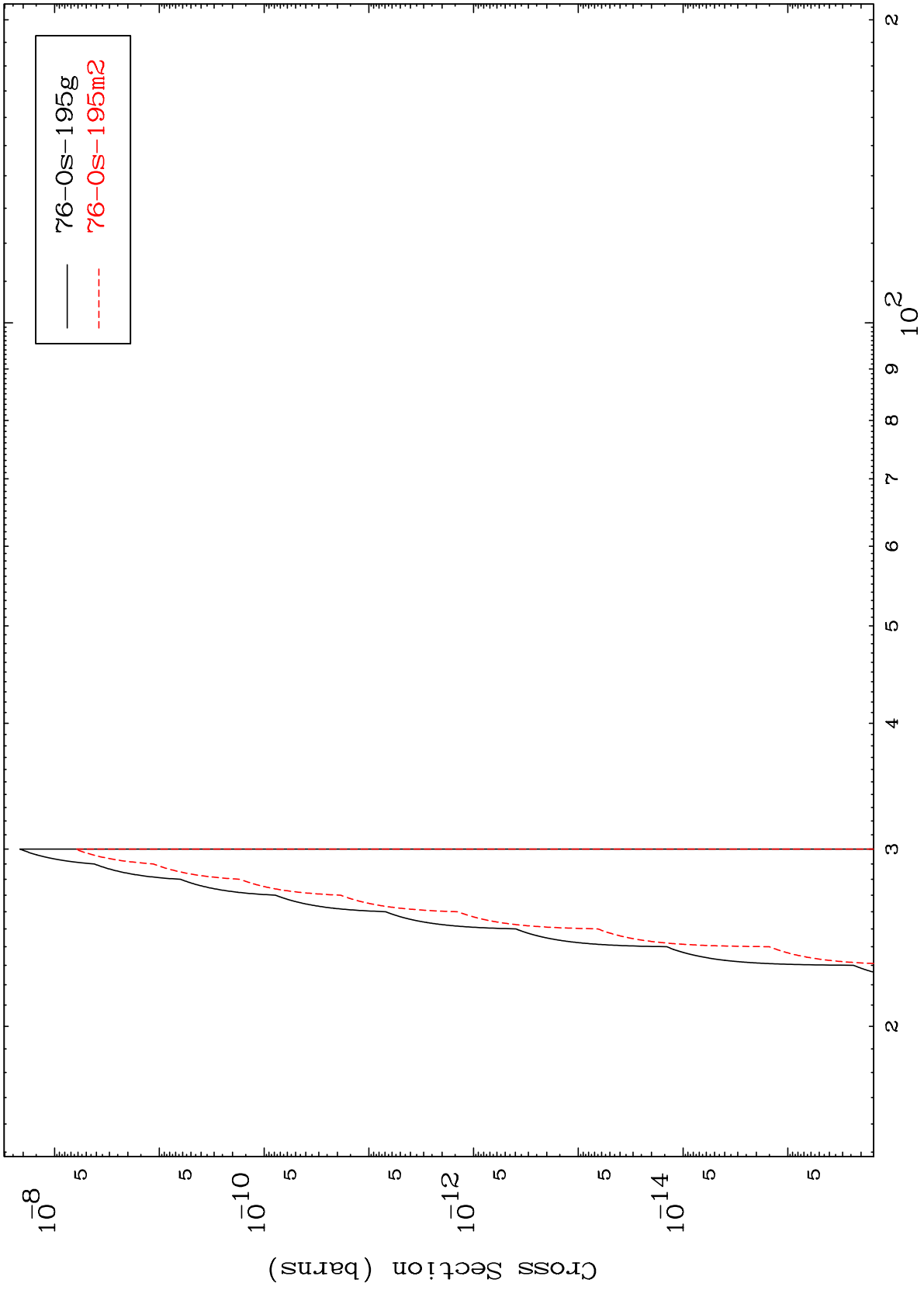
78-Pt-198

MAT 7849

(n, n') He-3

78-Pt-198

Radionuclide Production Cross Section



91

Incident Energy (MeV)

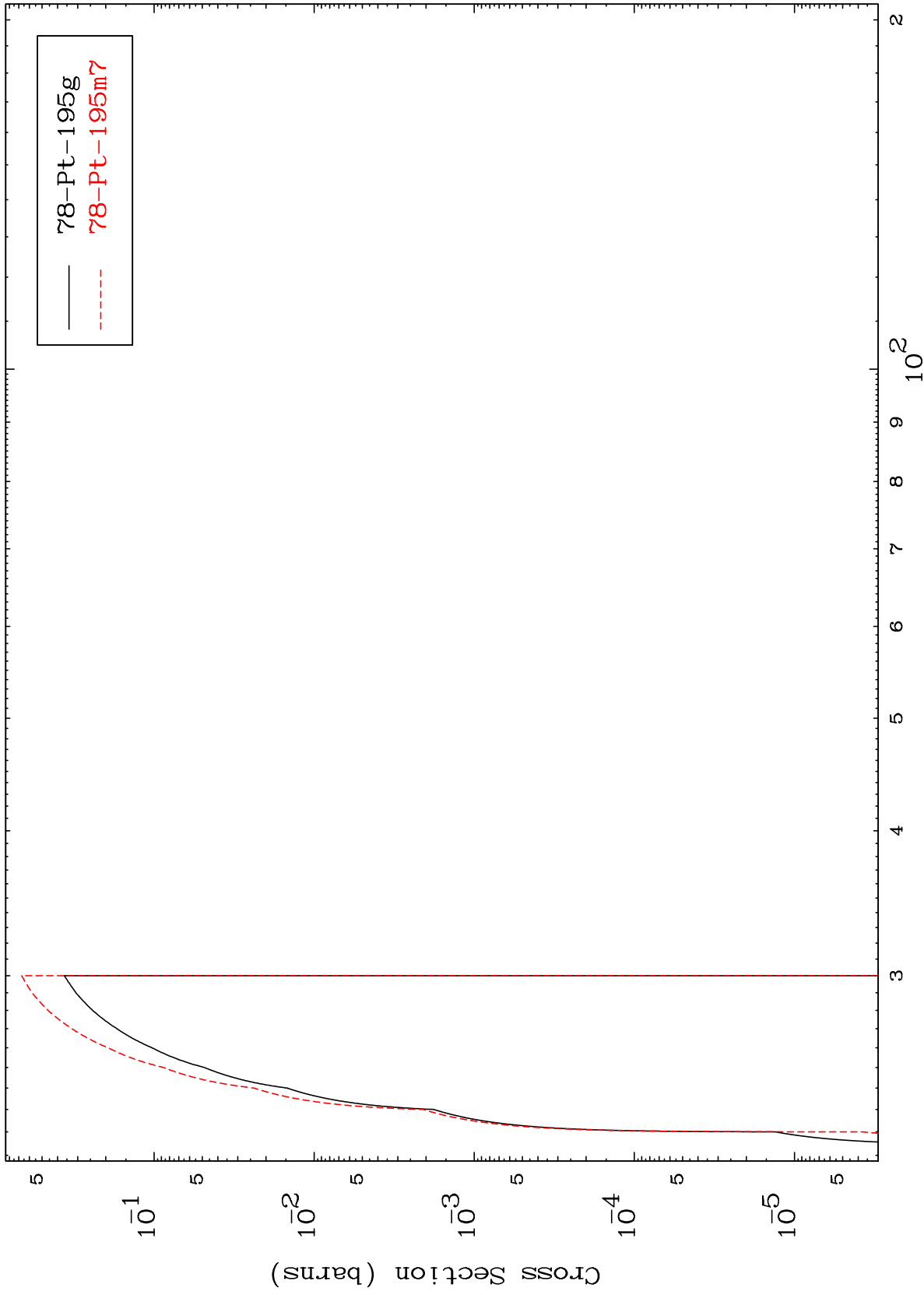
78-Pt-198

MAT 7849

(n,4n)

78-Pt-198

Radionuclide Production Cross Section



92

Incident Energy (MeV)

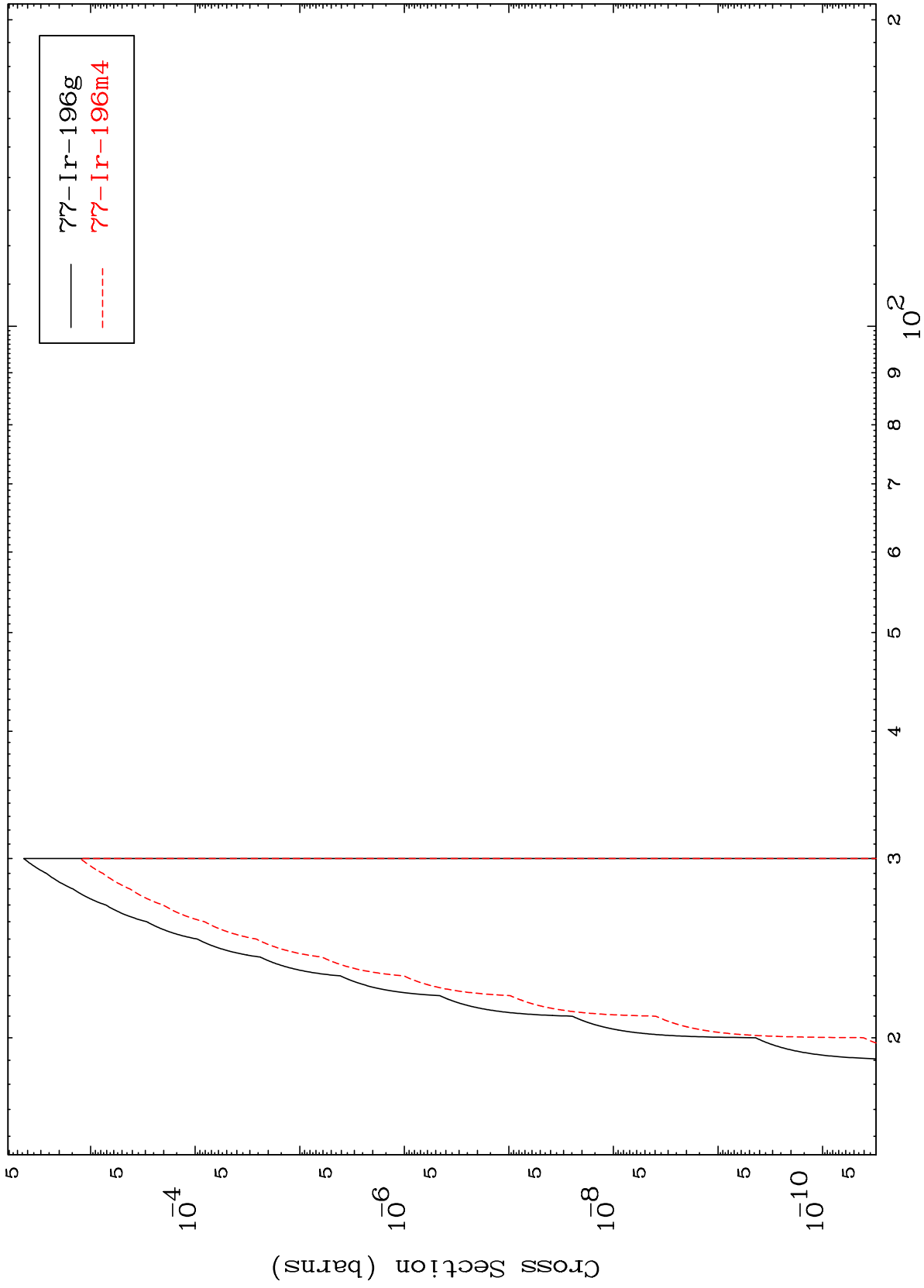
78-Pt-198

MAT 7849

(n,2n) p

78-Pt-198

Radionuclide Production Cross Section



93

Incident Energy (MeV)

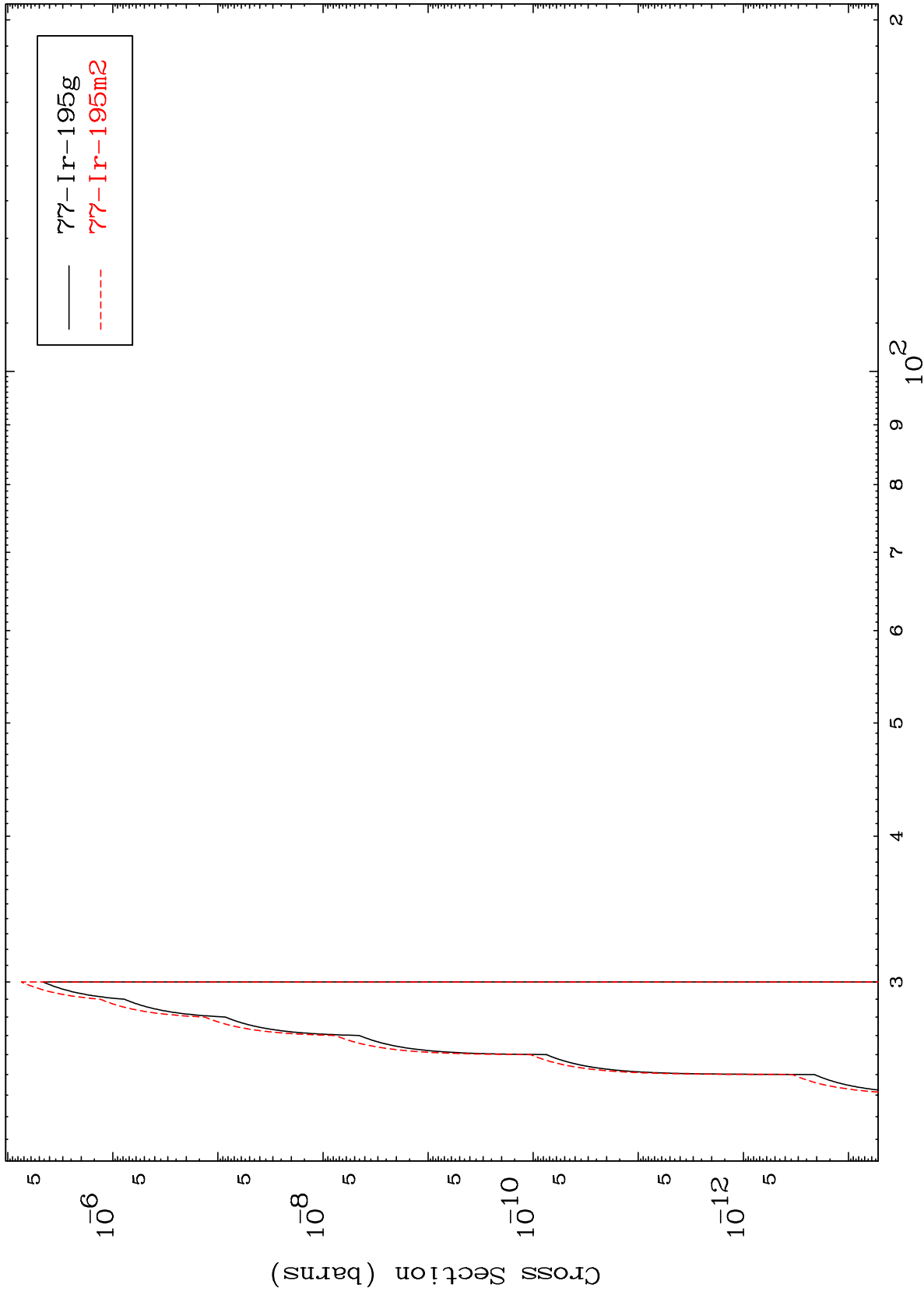
78-Pt-198

MAT 7849

(n,3n) p

78-Pt-198

Radionuclide Production Cross Section



94

Incident Energy (MeV)

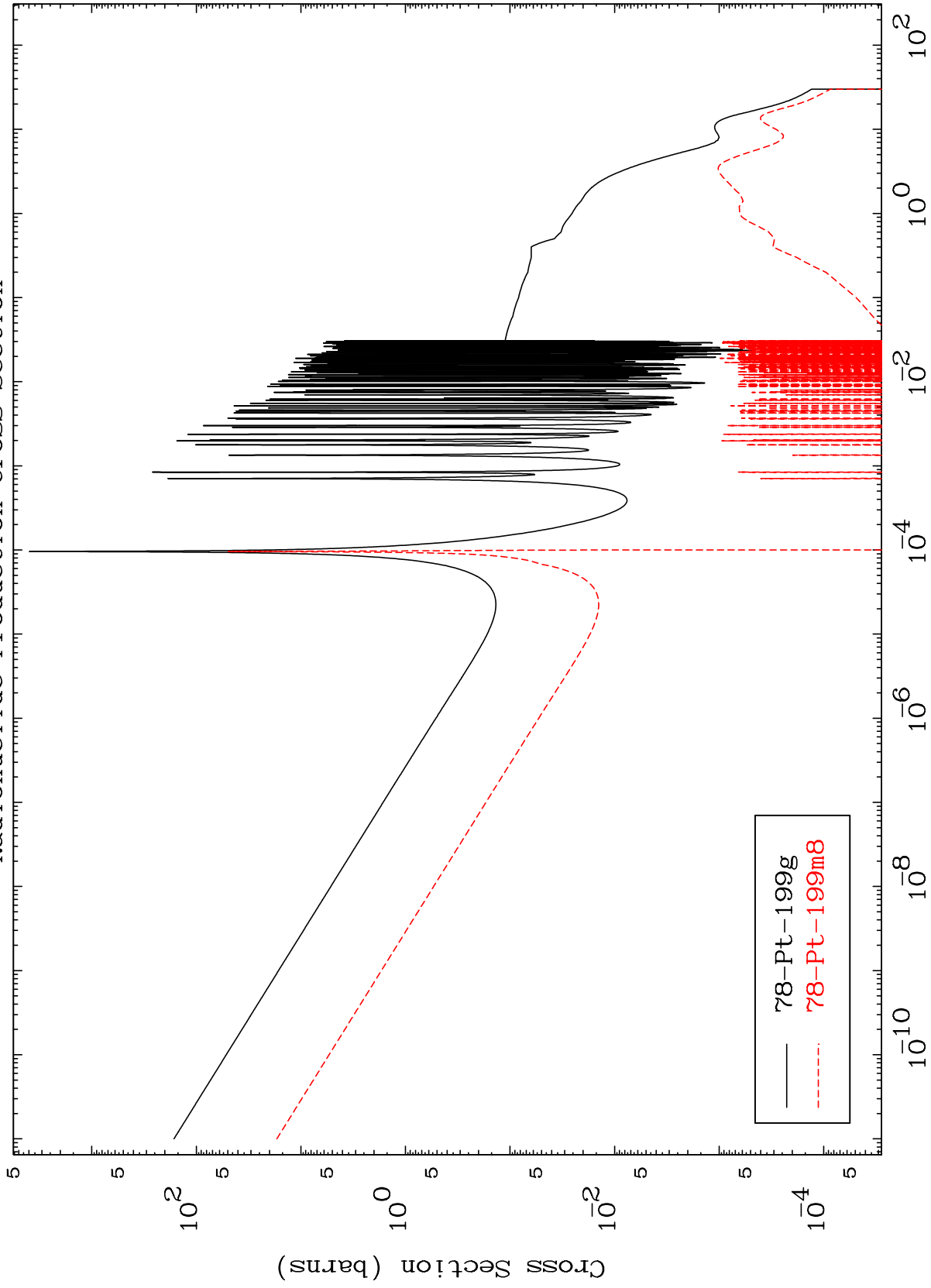
78-Pt-198

MAT 7849

(n, γ)

78-Pt-198

Radionuclide Production Cross Section



95

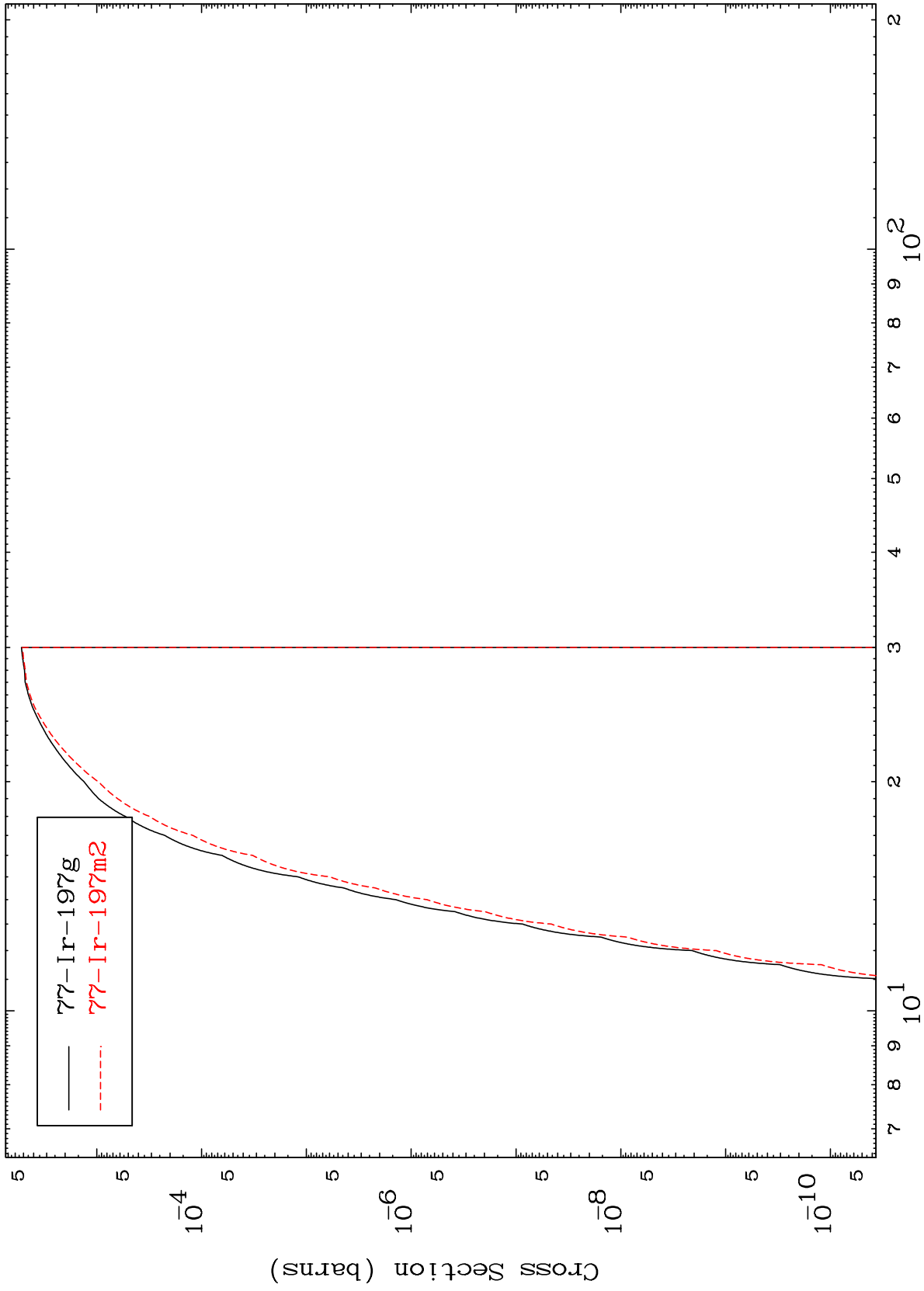
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(n,d)
Radionuclide Production Cross Section



96

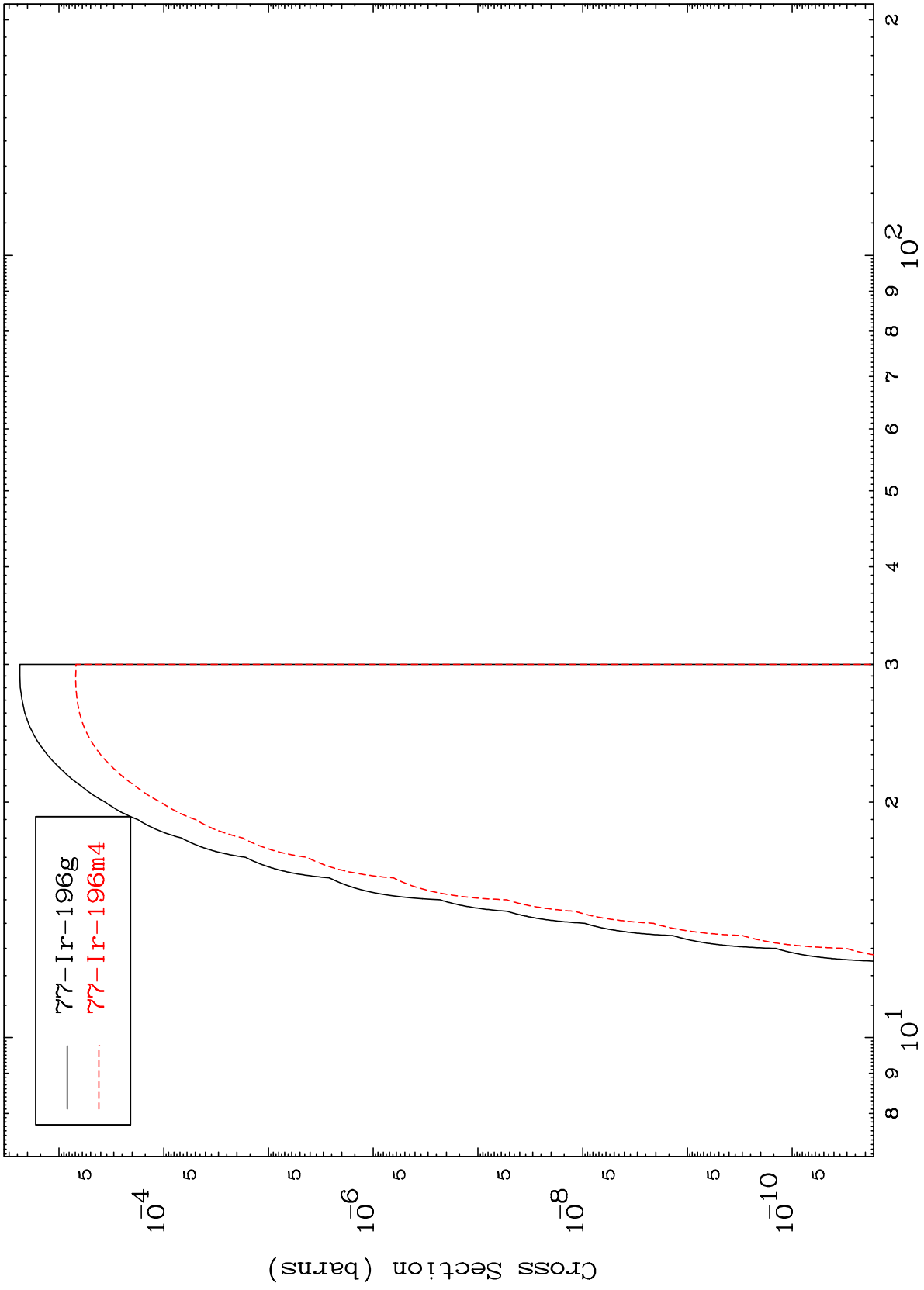
Incident Energy (MeV)

78-Pt-198

MAT 7849

78-Pt-198

(n, t)
Radionuclide Production Cross Section



97

Incident Energy (MeV)

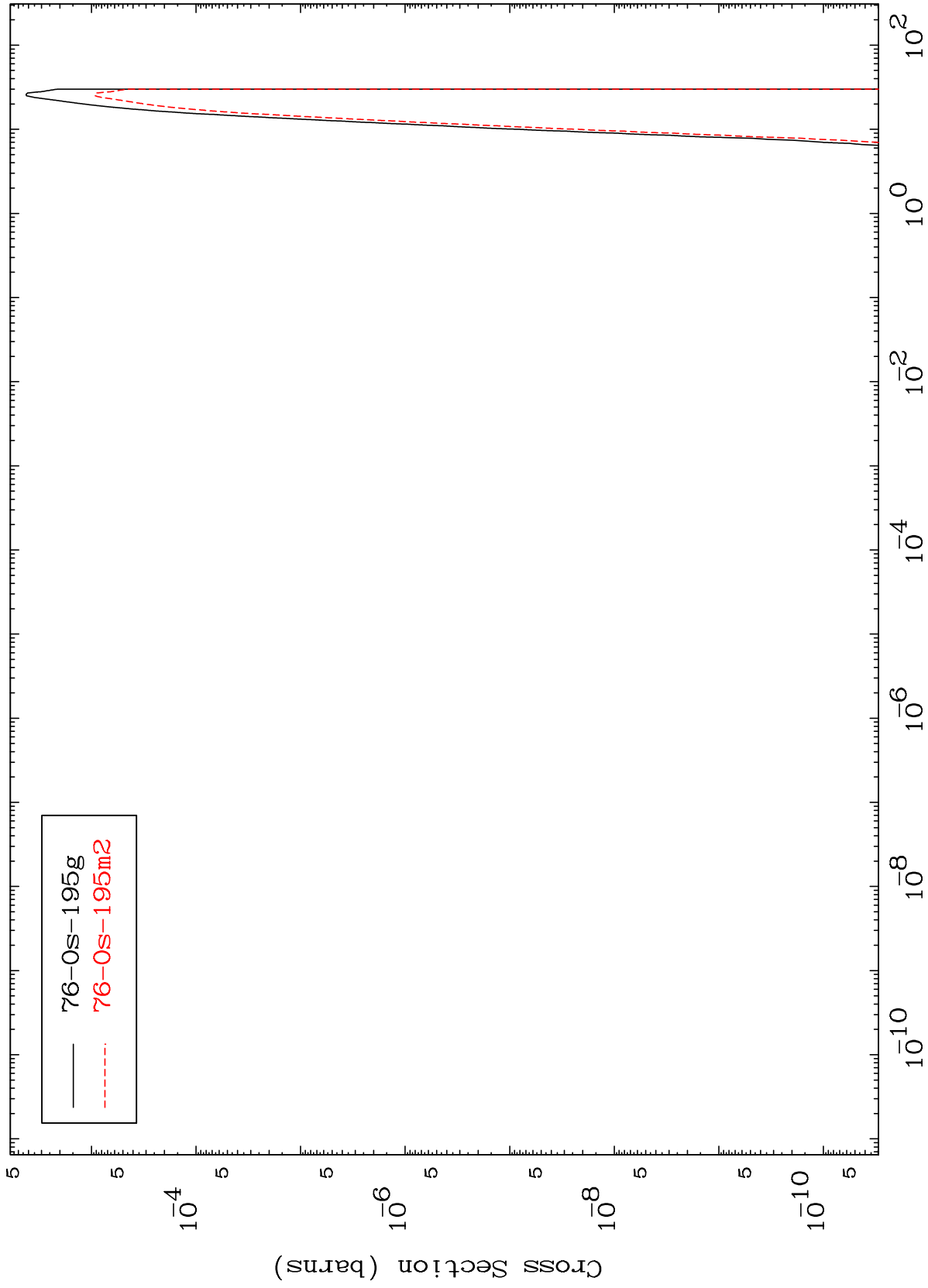
78-Pt-198

MAT 7849

(n, α)

78-Pt-198

Radionuclide Production Cross Section



98

Incident Energy (MeV)

78-Pt-198