

Program EVALPLOT
(Version 2018-1)

by

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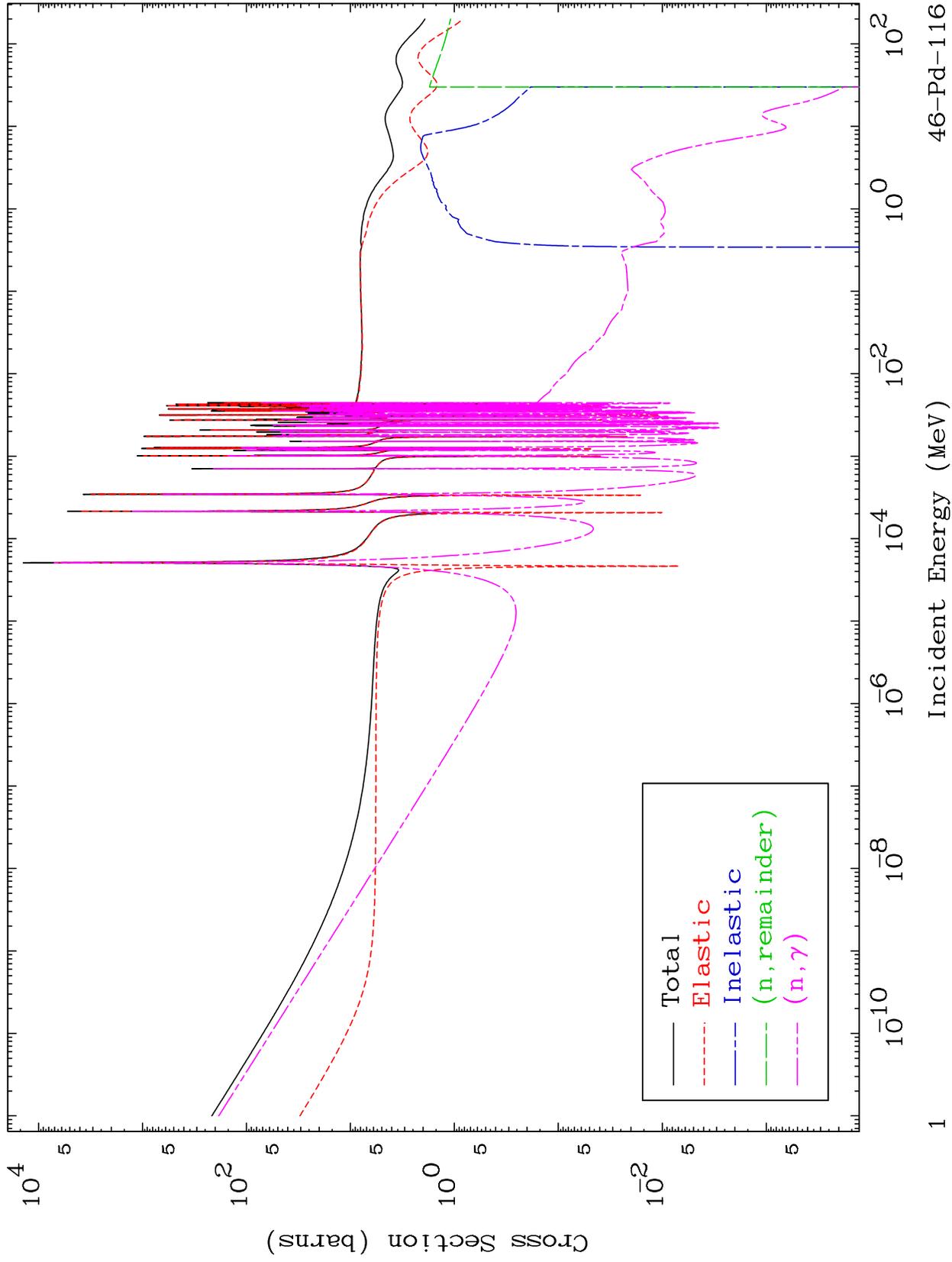
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4667

Major
293 Kelvin Cross Sections

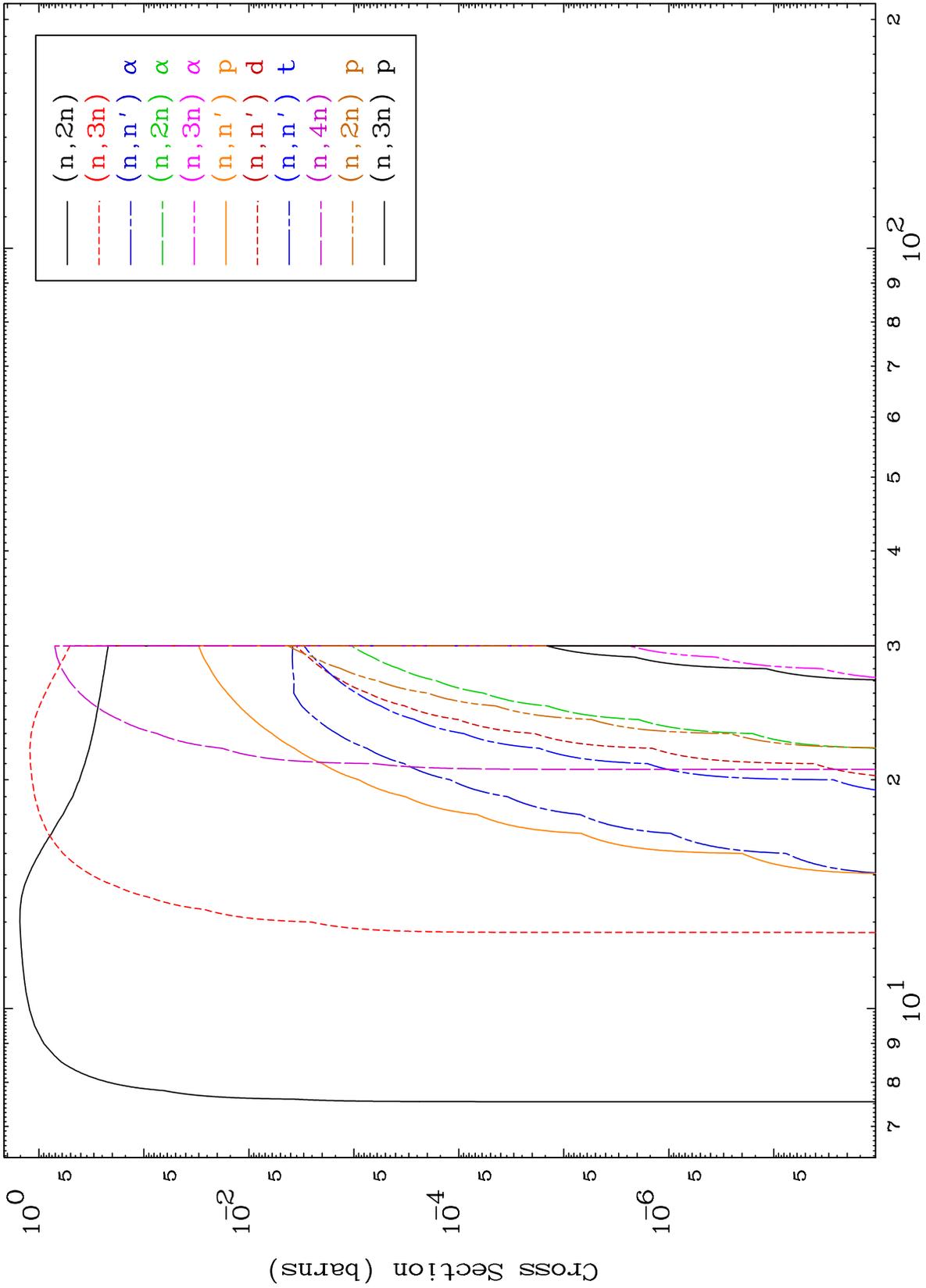
46-Pd-116



MAT 4667

Neutron Production
293 Kelvin Cross Sections

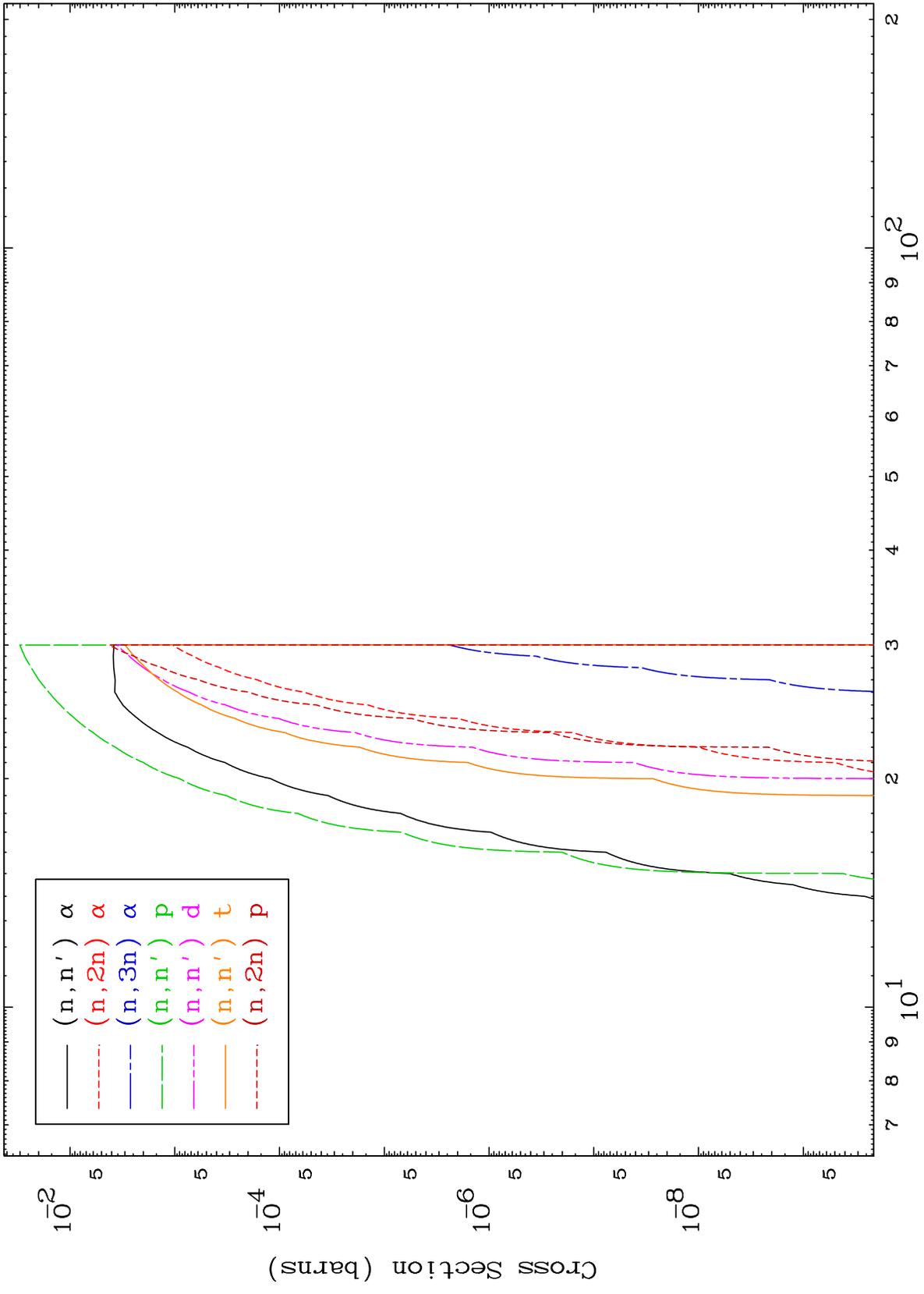
46-Pd-116



2

Incident Energy (MeV)

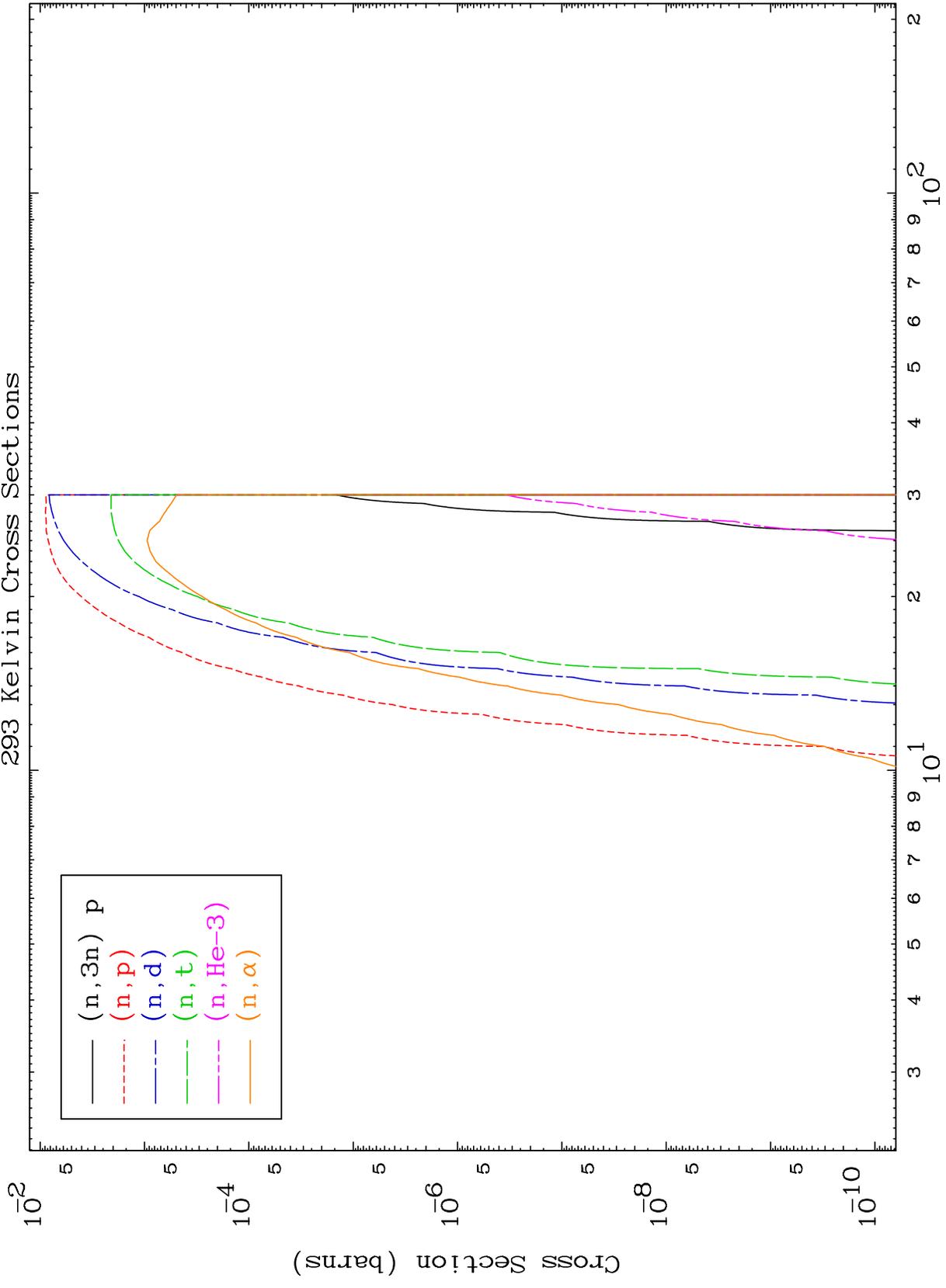
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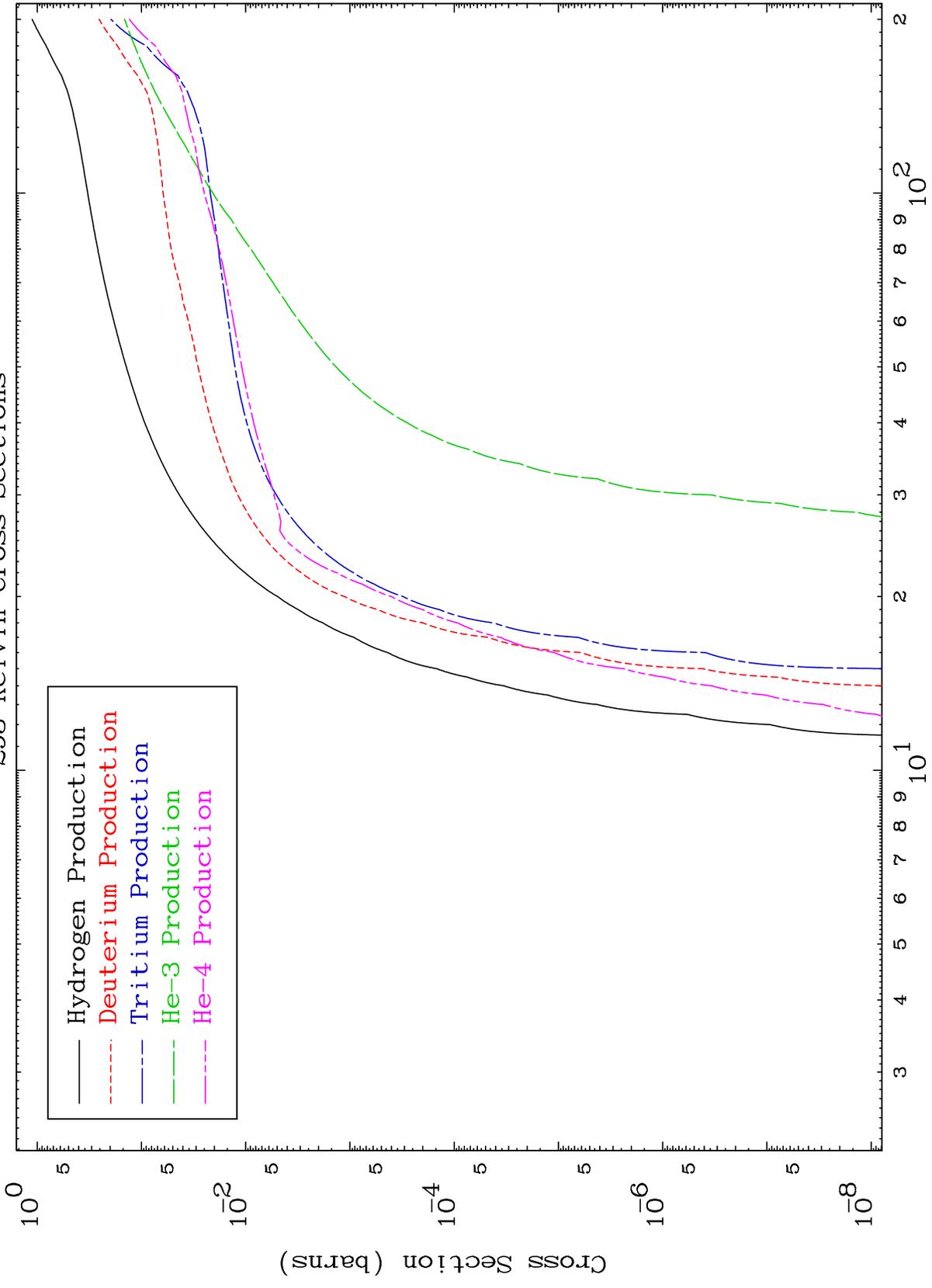


MAT 4667

Charged Particle
293 Kelvin Cross Sections

46-Pd-116



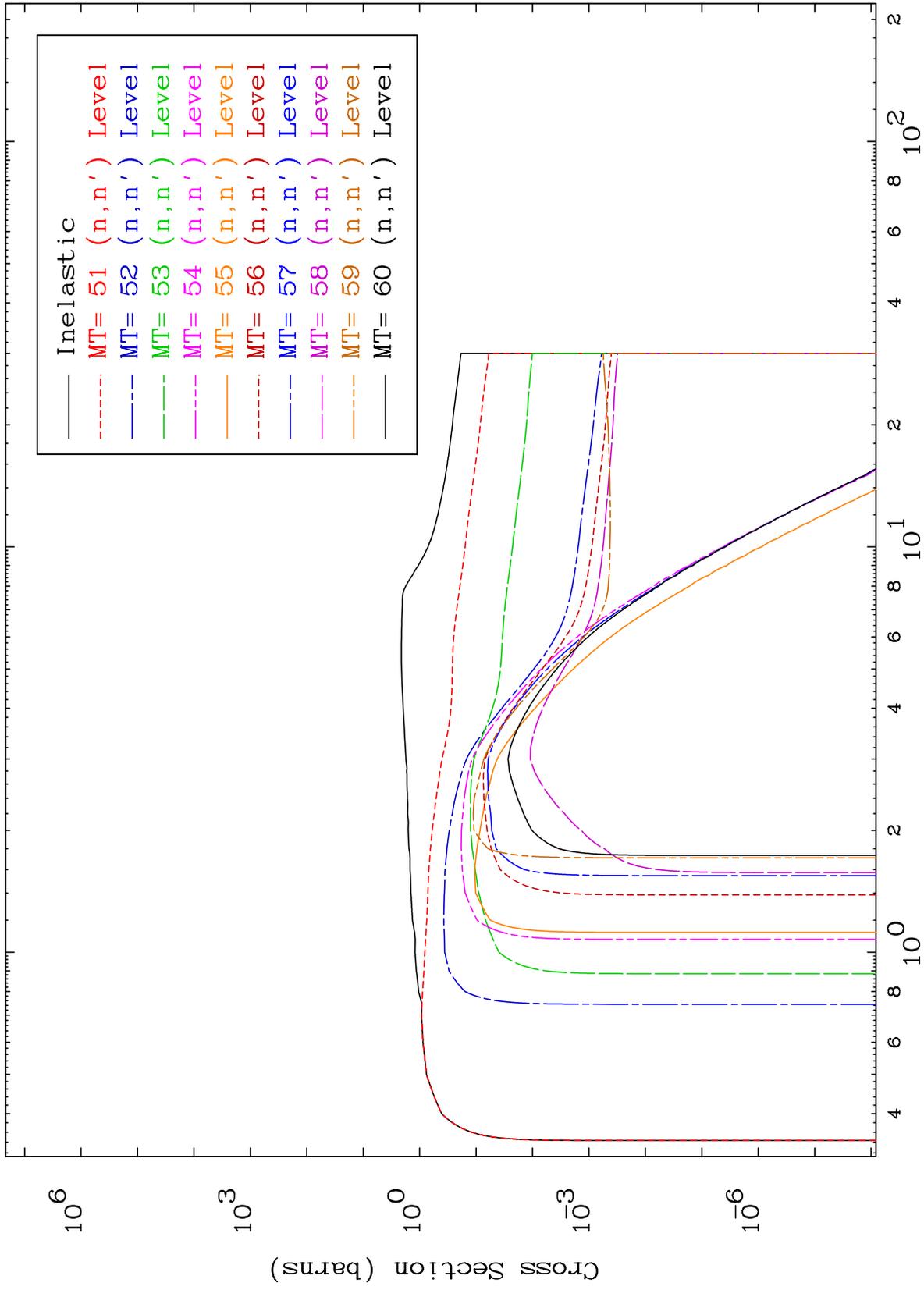


MAT 4667

(n,n') Level

46-Pd-116

293 Kelvin Cross Sections



6

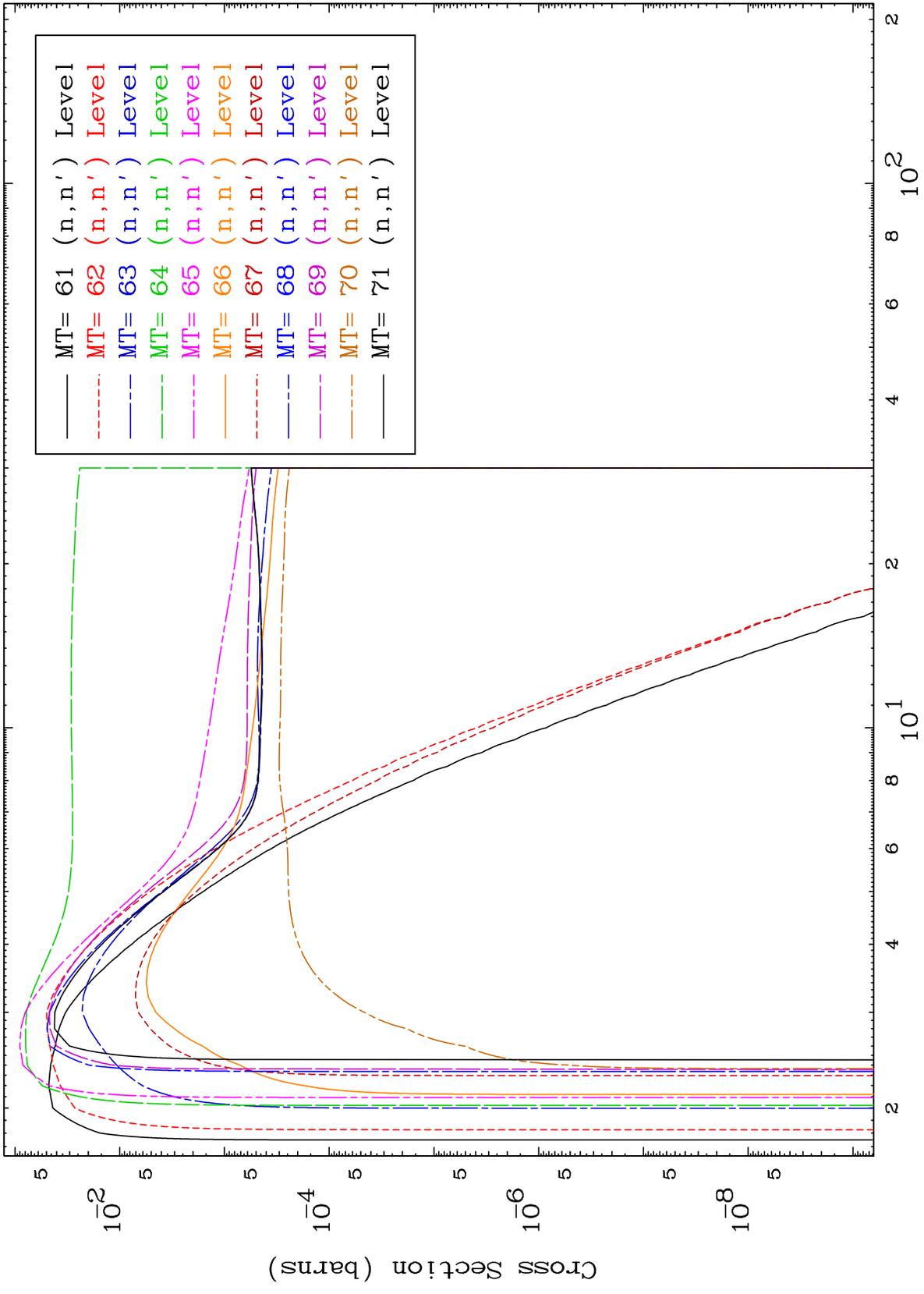
Incident Energy (MeV)

46-Pd-116

MAT 4667

(n,n') Level
293 Kelvin Cross Sections

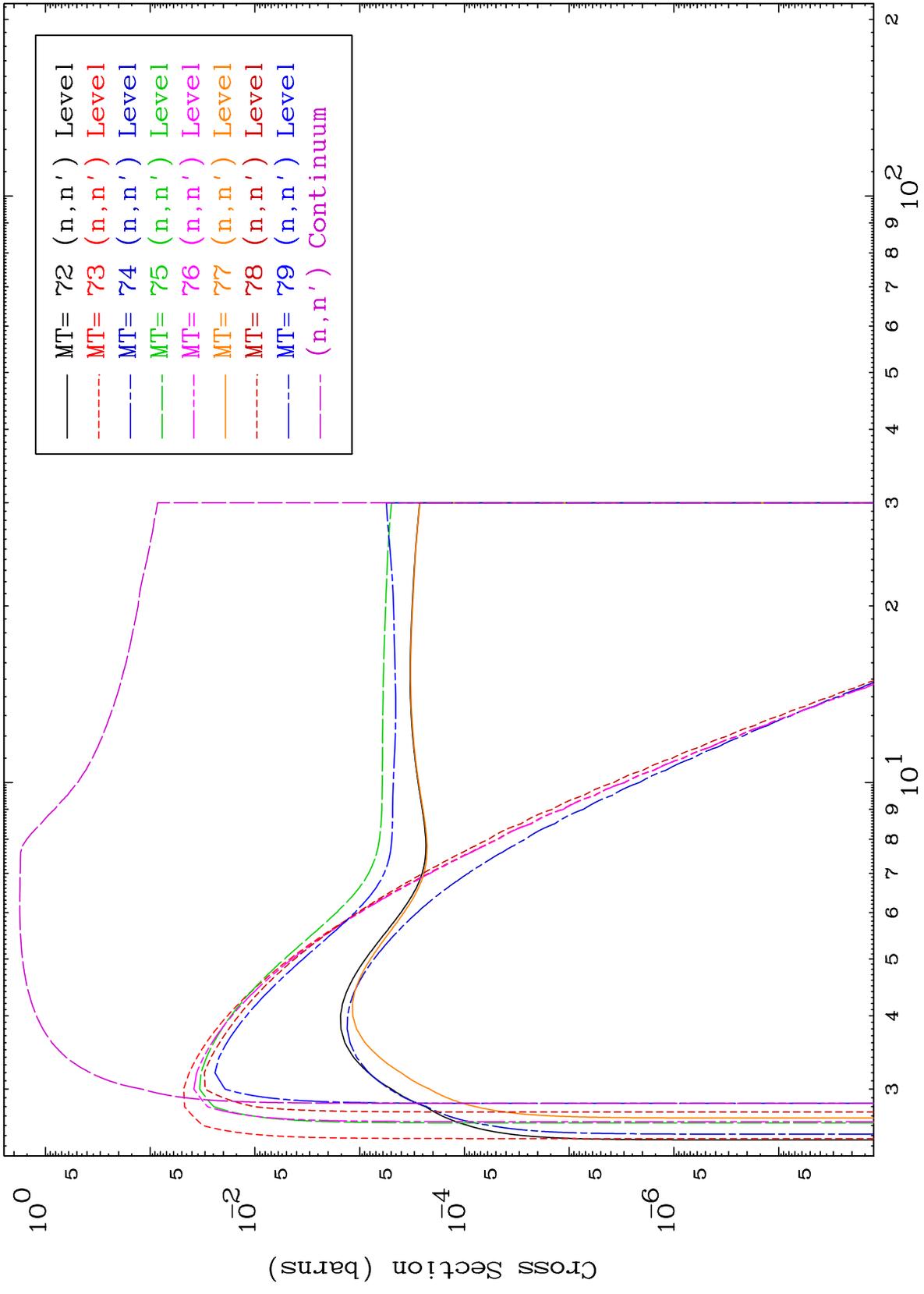
46-Pd-116



7

Incident Energy (MeV)

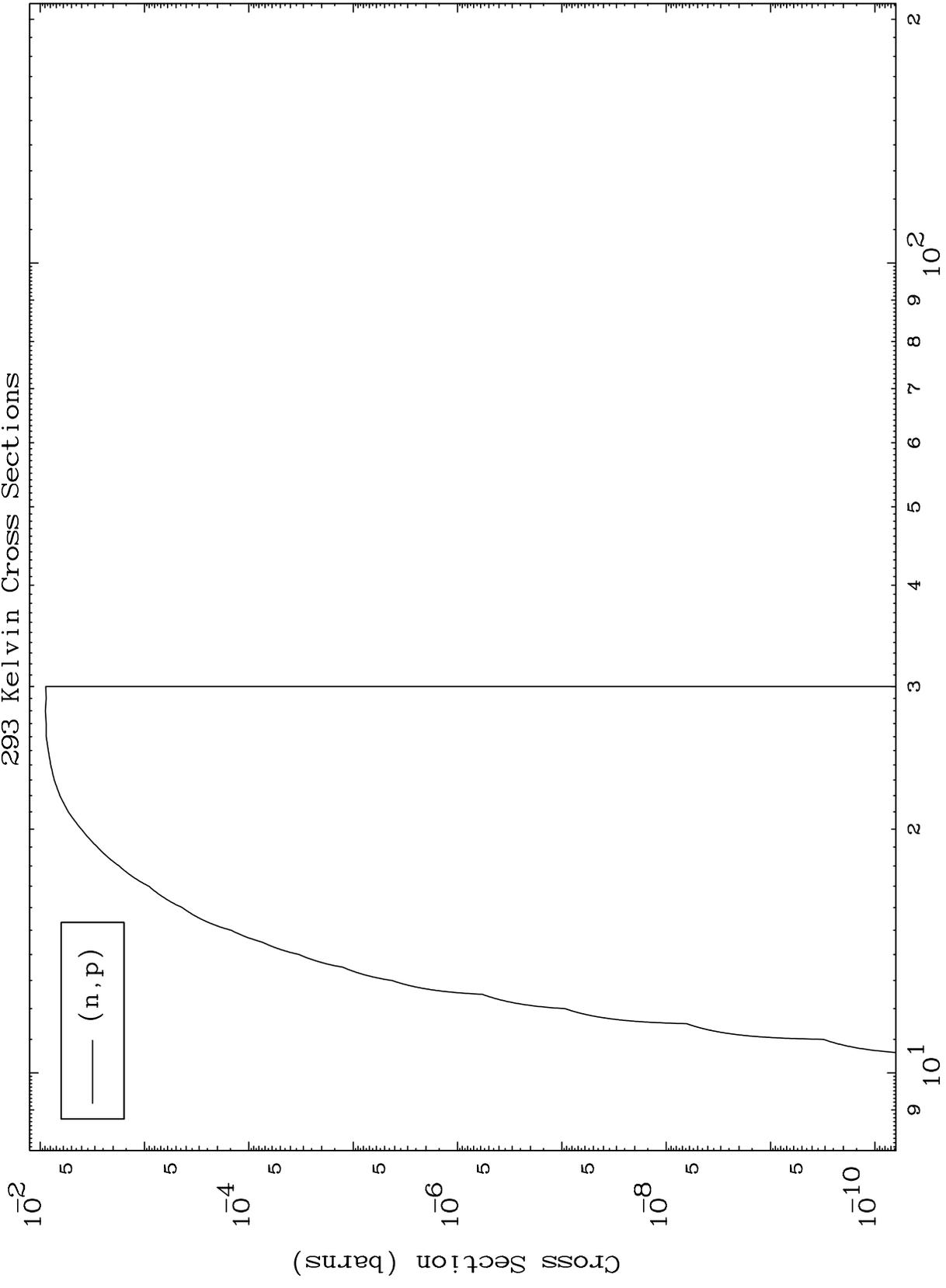
46-Pd-116



MAT 4667

(n,p) Levels
293 Kelvin Cross Sections

46-Pd-116



9

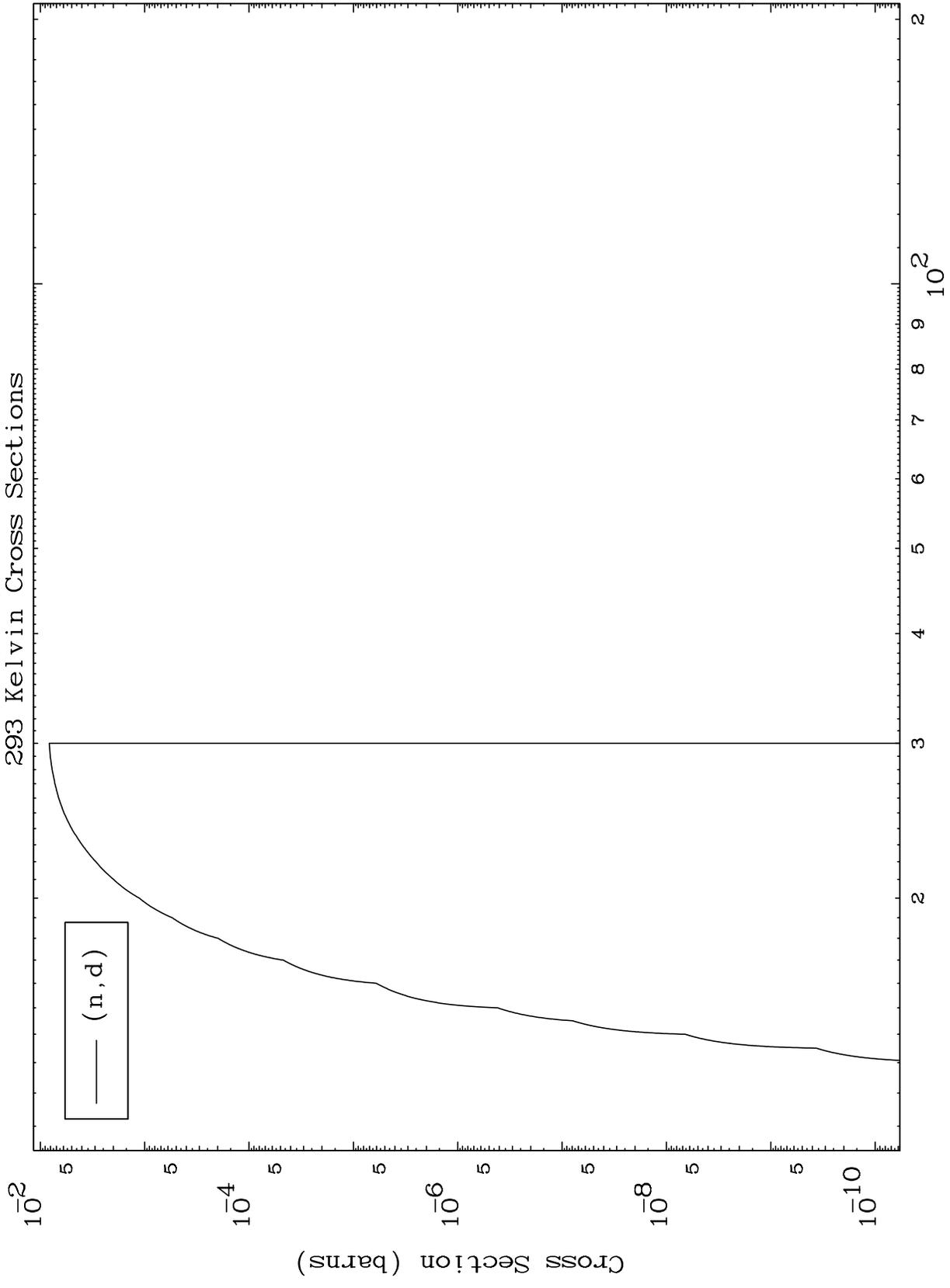
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46-Pd-116

MAT 4667

(n,d) Levels
293 Kelvin Cross Sections

46-Pd-116



10

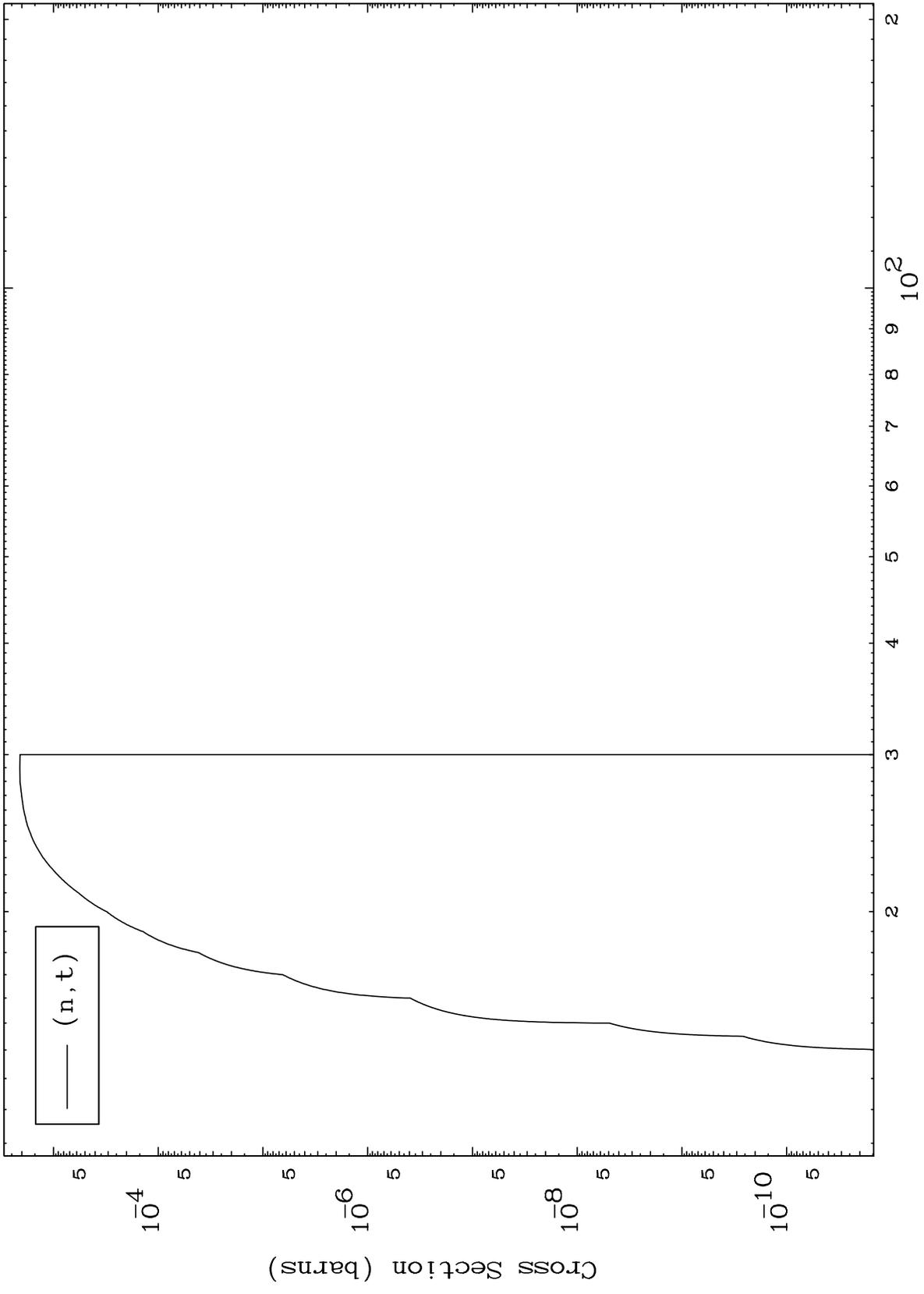
Incident Energy (MeV)

46-Pd-116

MAT 4667

(n,t) Levels
293 Kelvin Cross Sections

46-Pd-116



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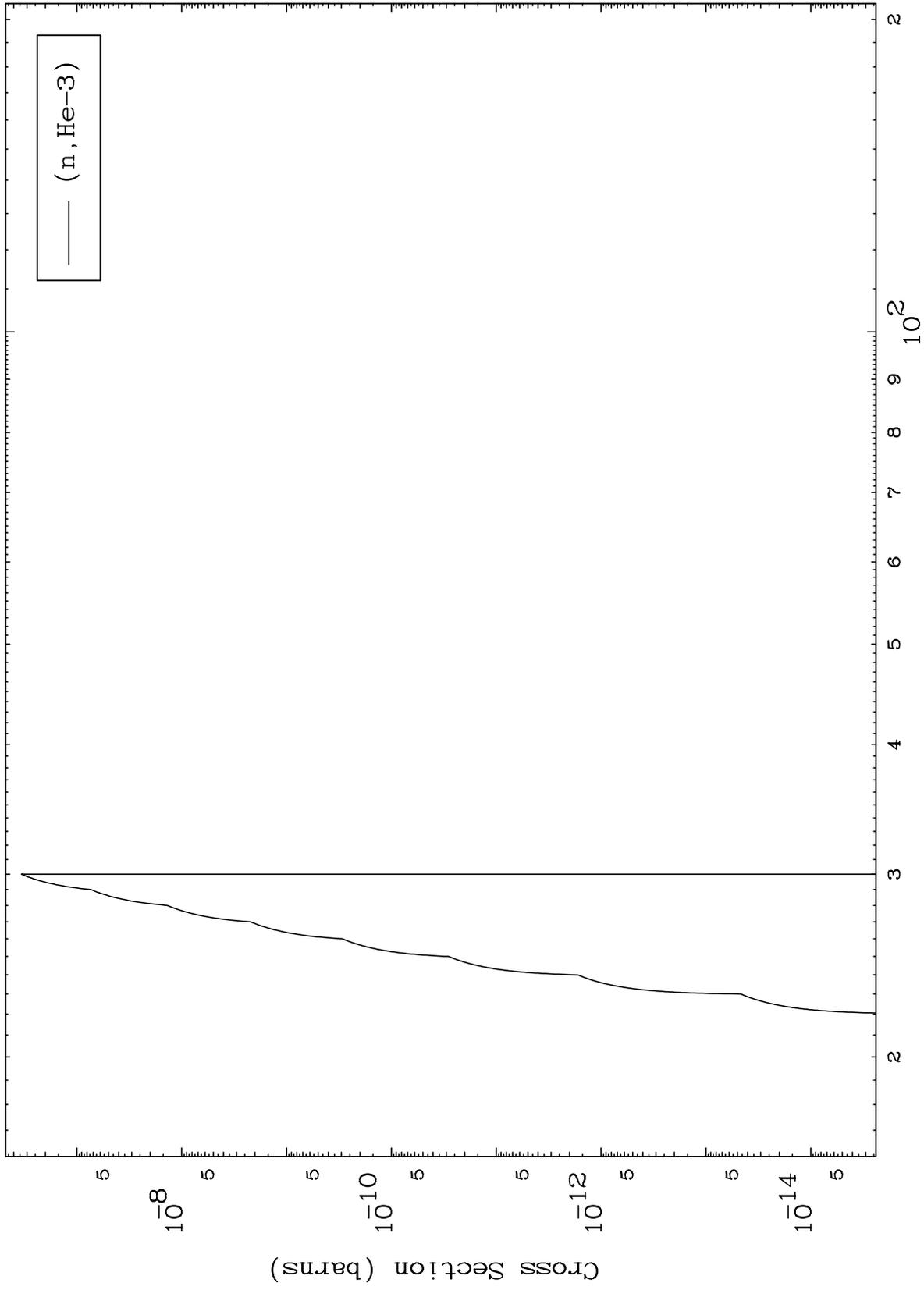
Incident Energy (MeV)

46-Pd-116

MAT 4667

(n,He3) Levels
293 Kelvin Cross Sections

46-Pd-116



12

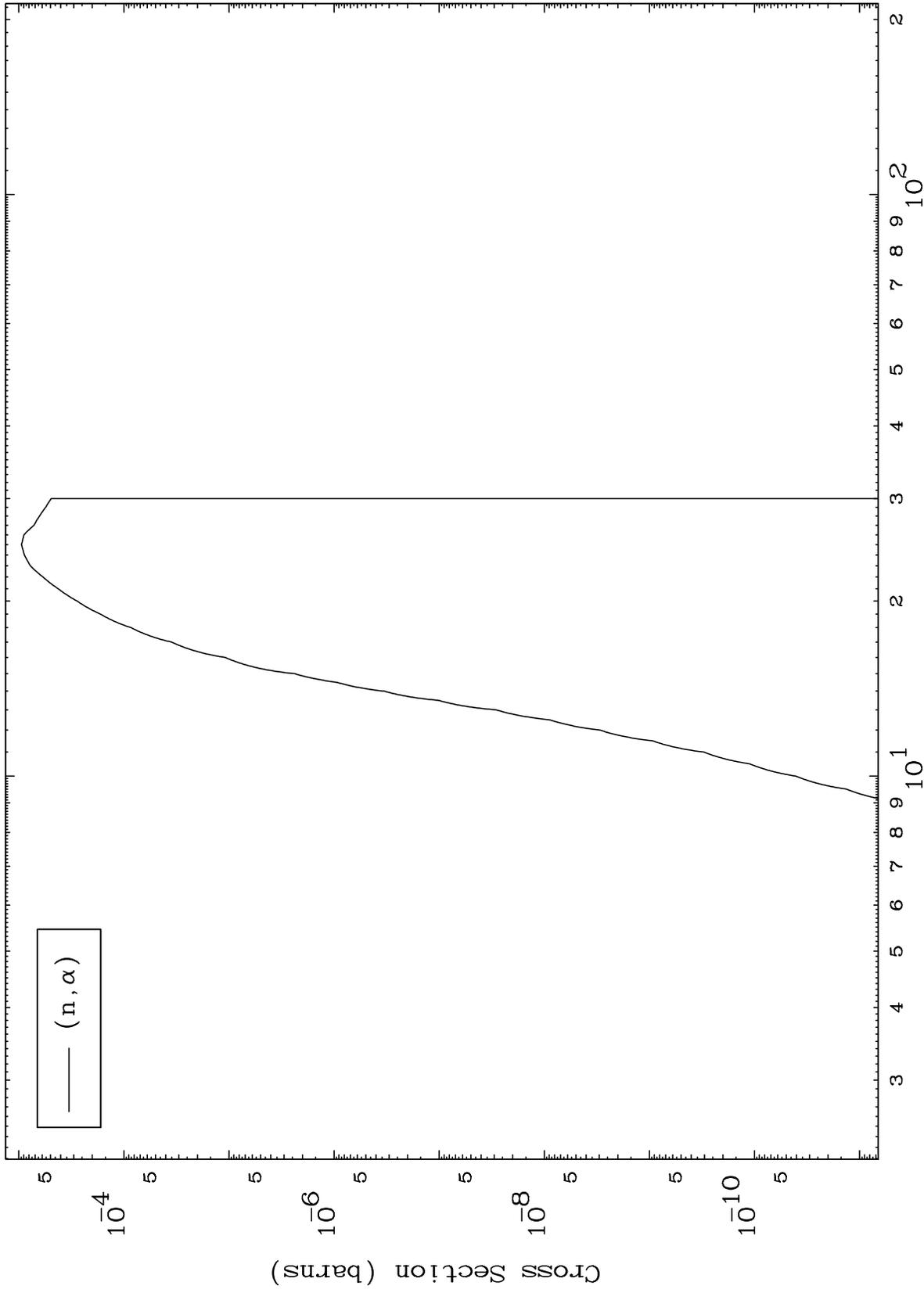
Incident Energy (MeV)

46-Pd-116

MAT 4667

(n,α) Levels
293 Kelvin Cross Sections

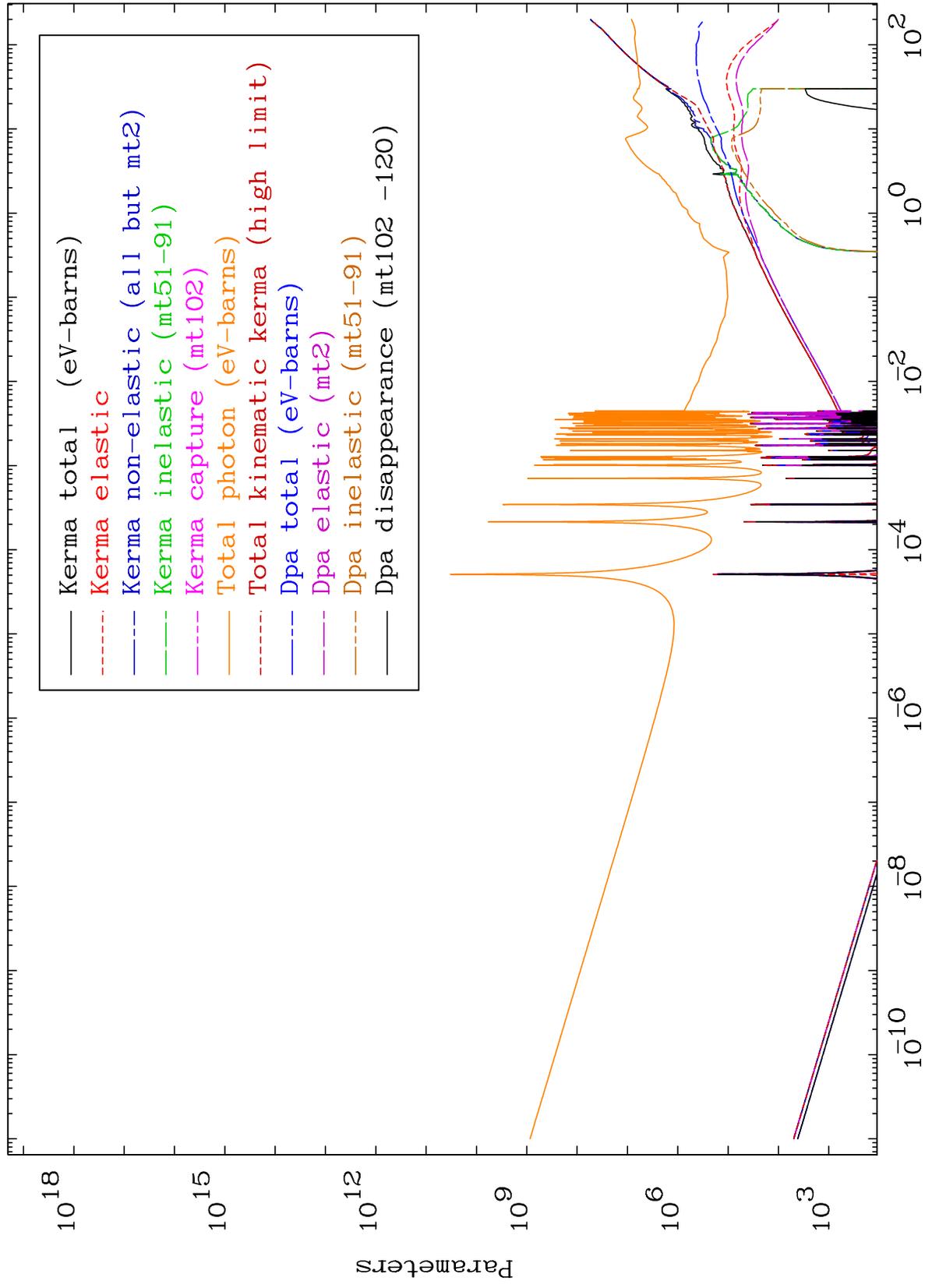
46-Pd-116



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Incident Energy (MeV)

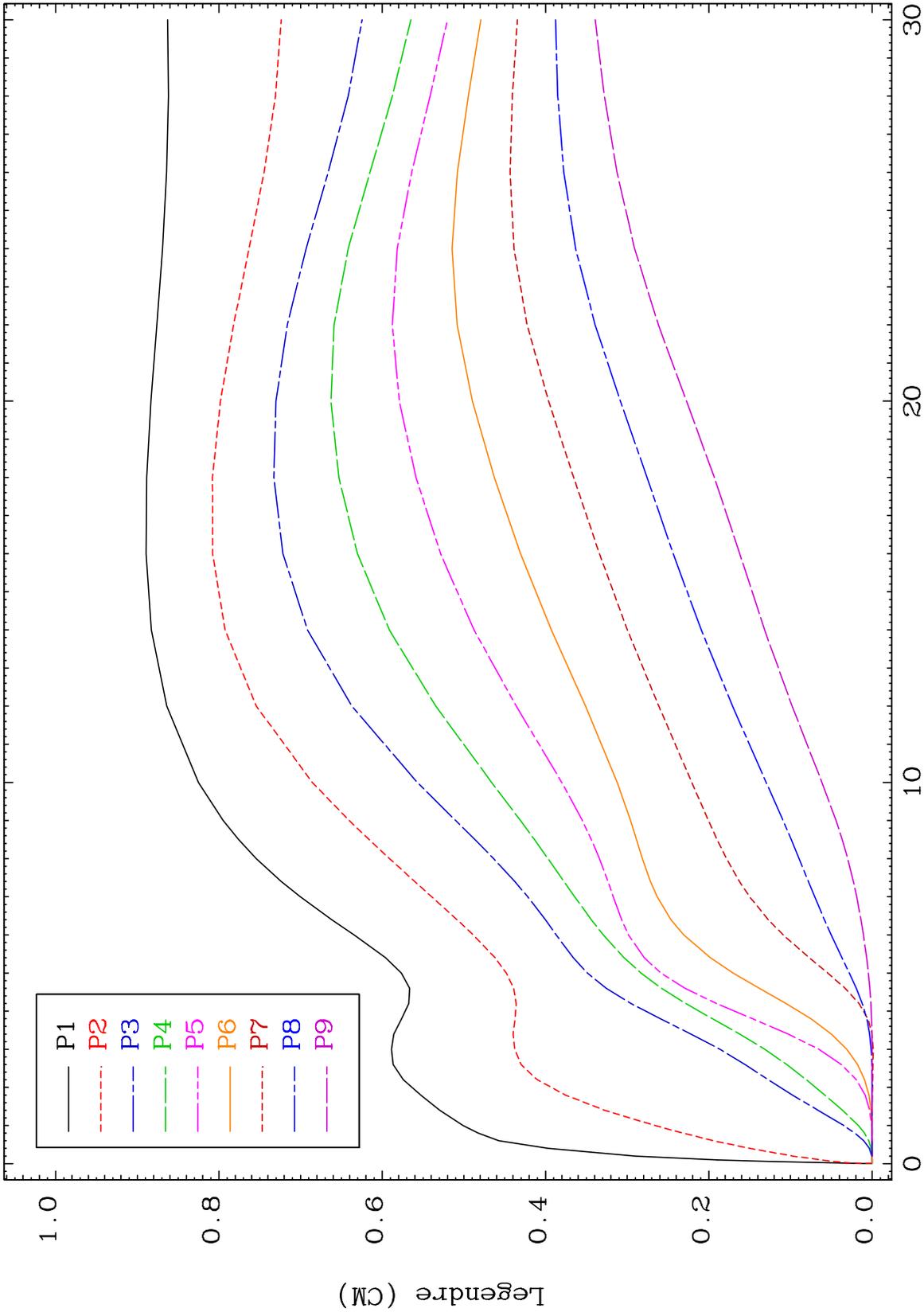
46-Pd-116



MAT 4667

Elastic Legendre Coefficients

46-Pd-116



15

0

10

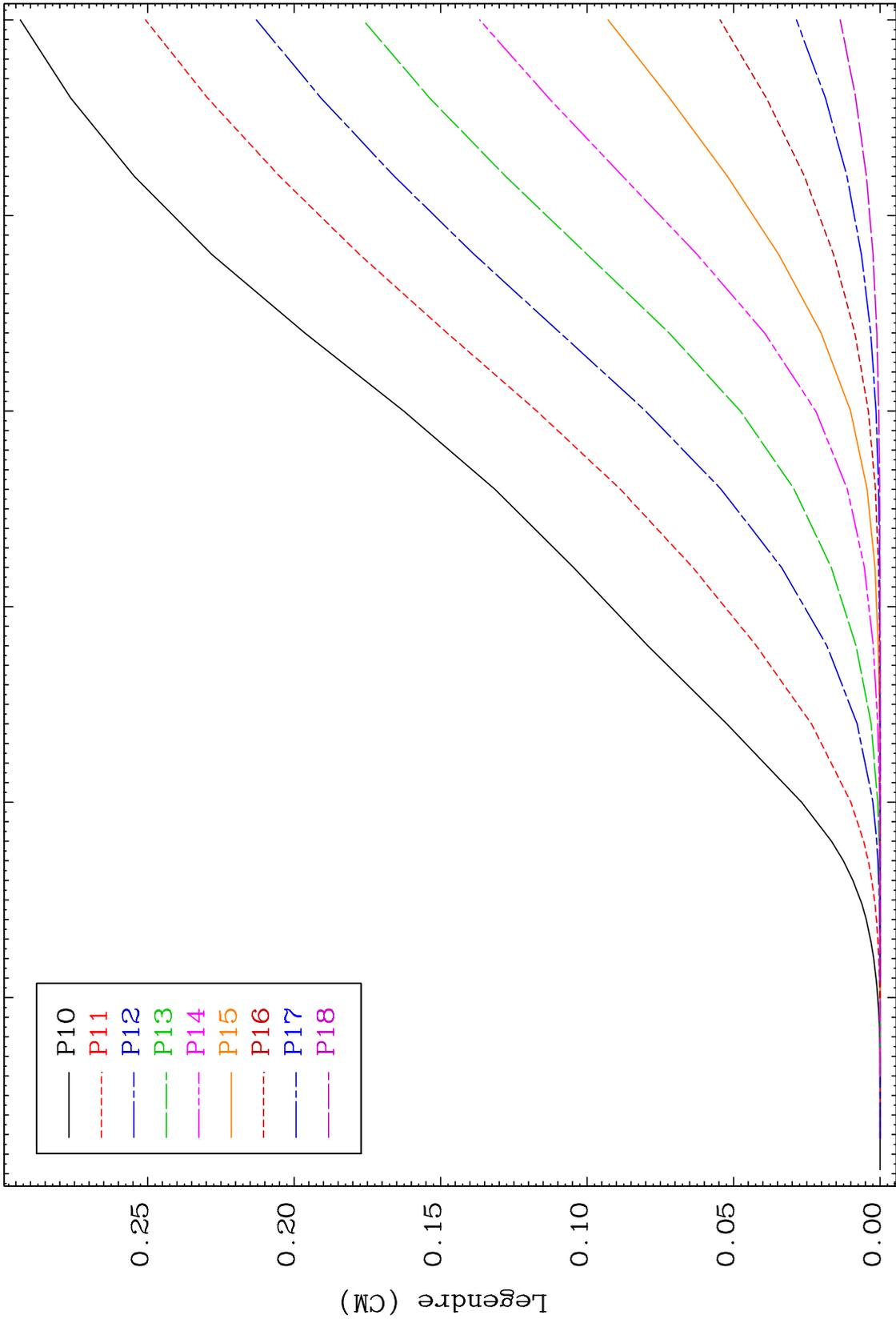
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MAT 4667

Elastic Legendre Coefficients

46-Pd-116



16

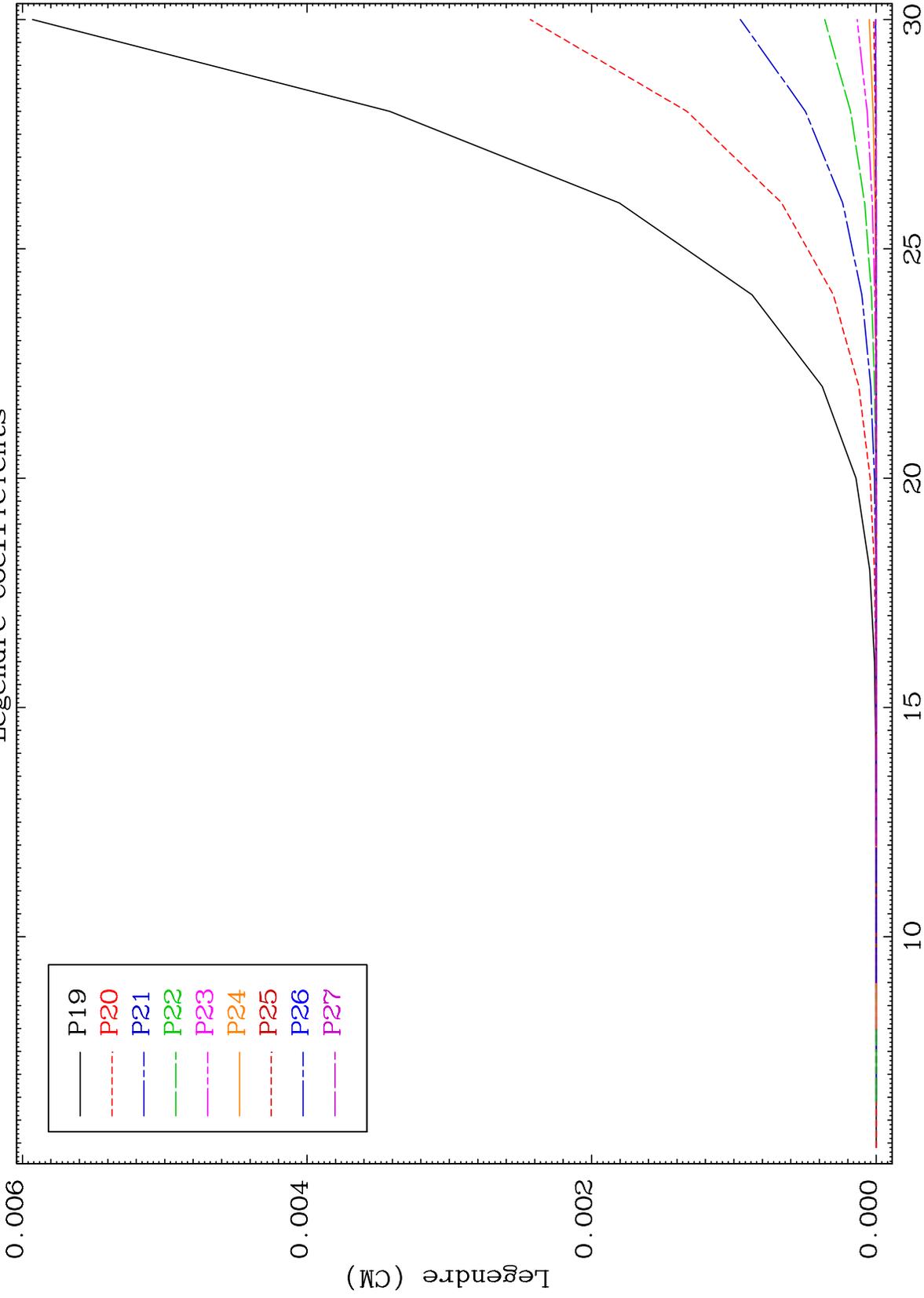
Incident Energy (MeV)

46-Pd-116

MAT 4667

Elastic Legendre Coefficients

46-Pd-116



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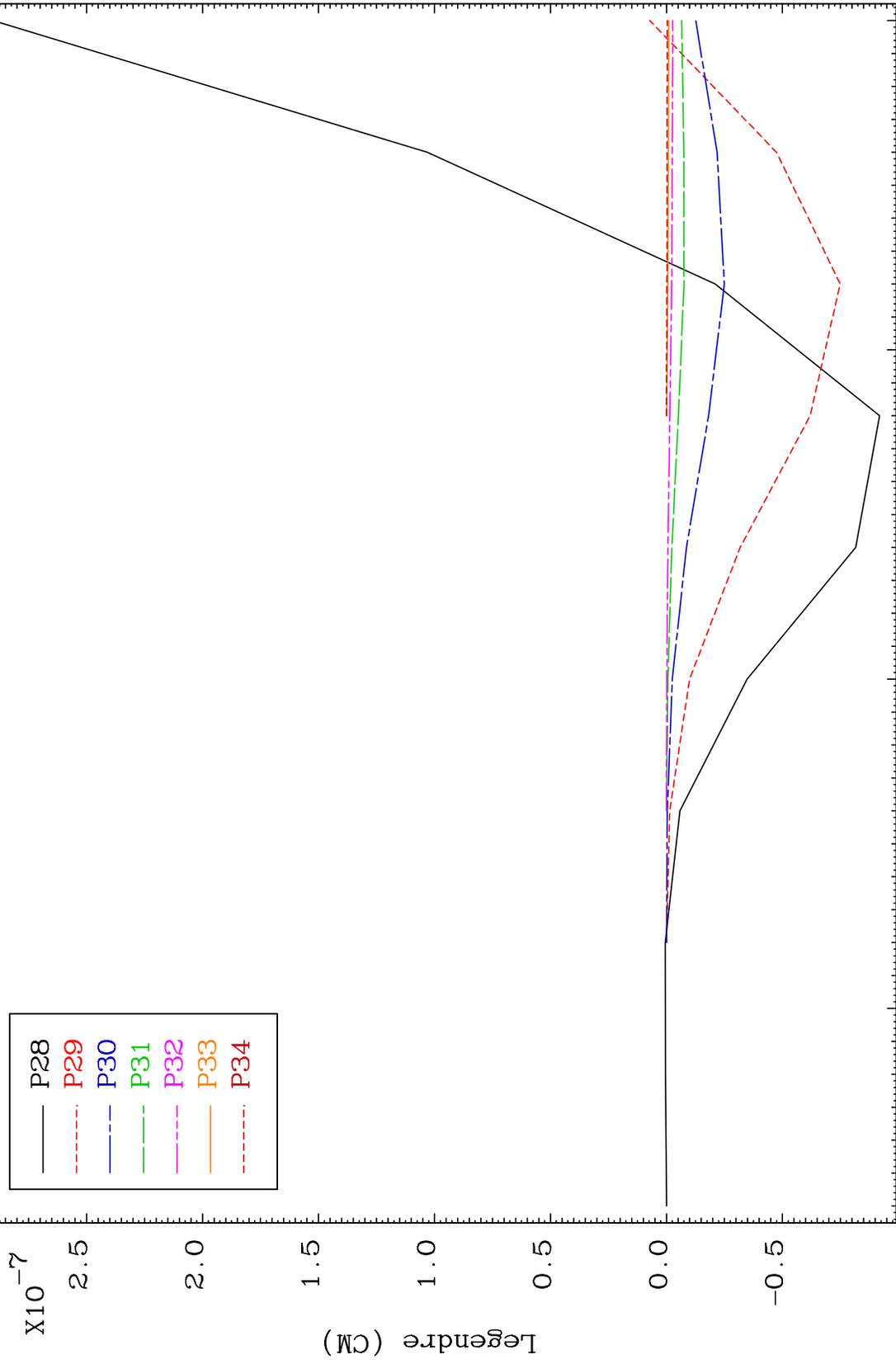
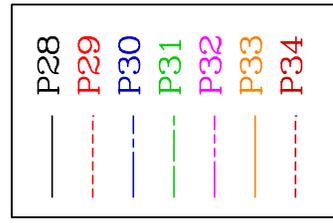
Incident Energy (MeV)

46-Pd-116

MAT 4667

Elastic
Legendre Coefficients

46-Pd-116



18

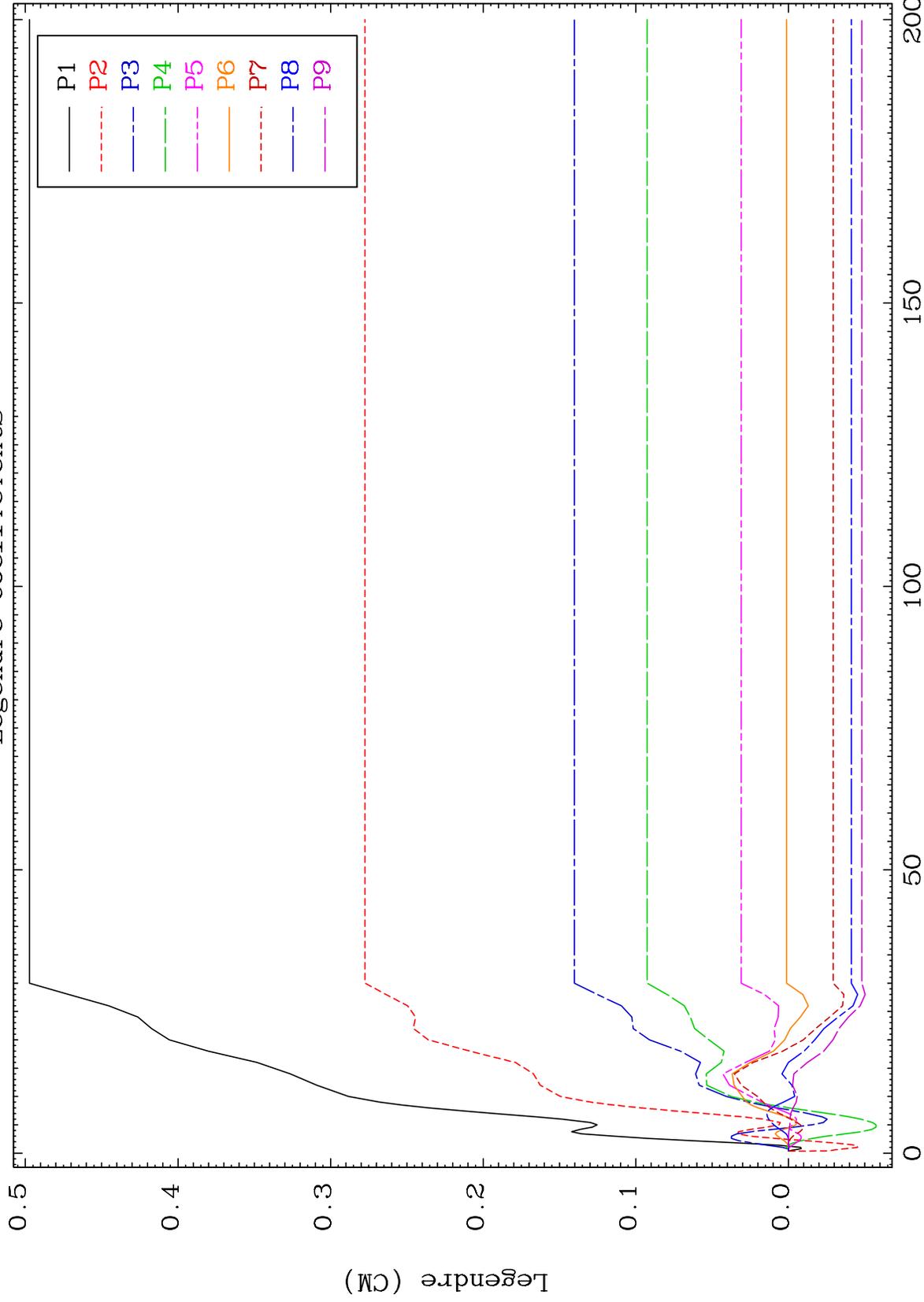
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



19

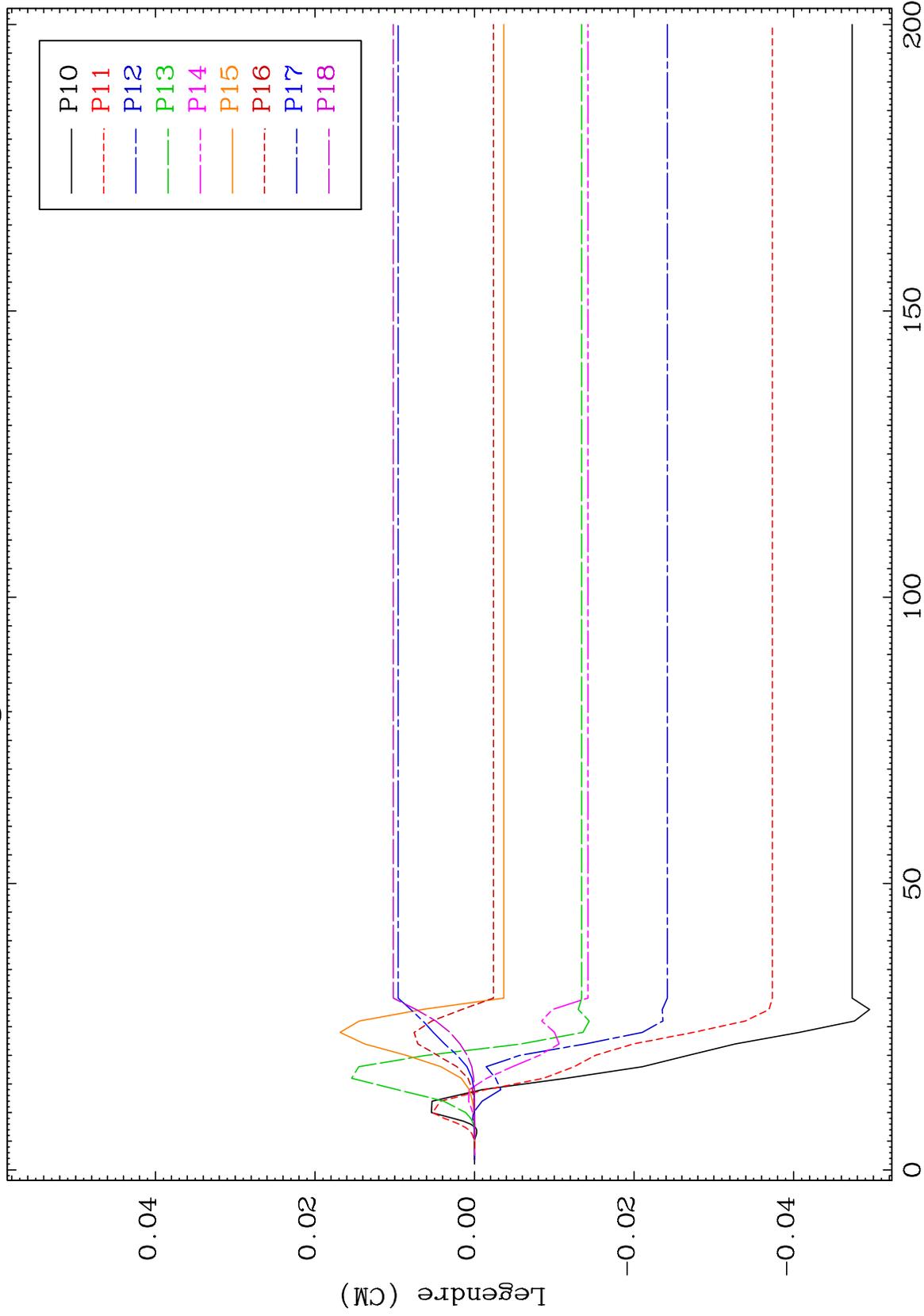
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



0

50

100

150

200

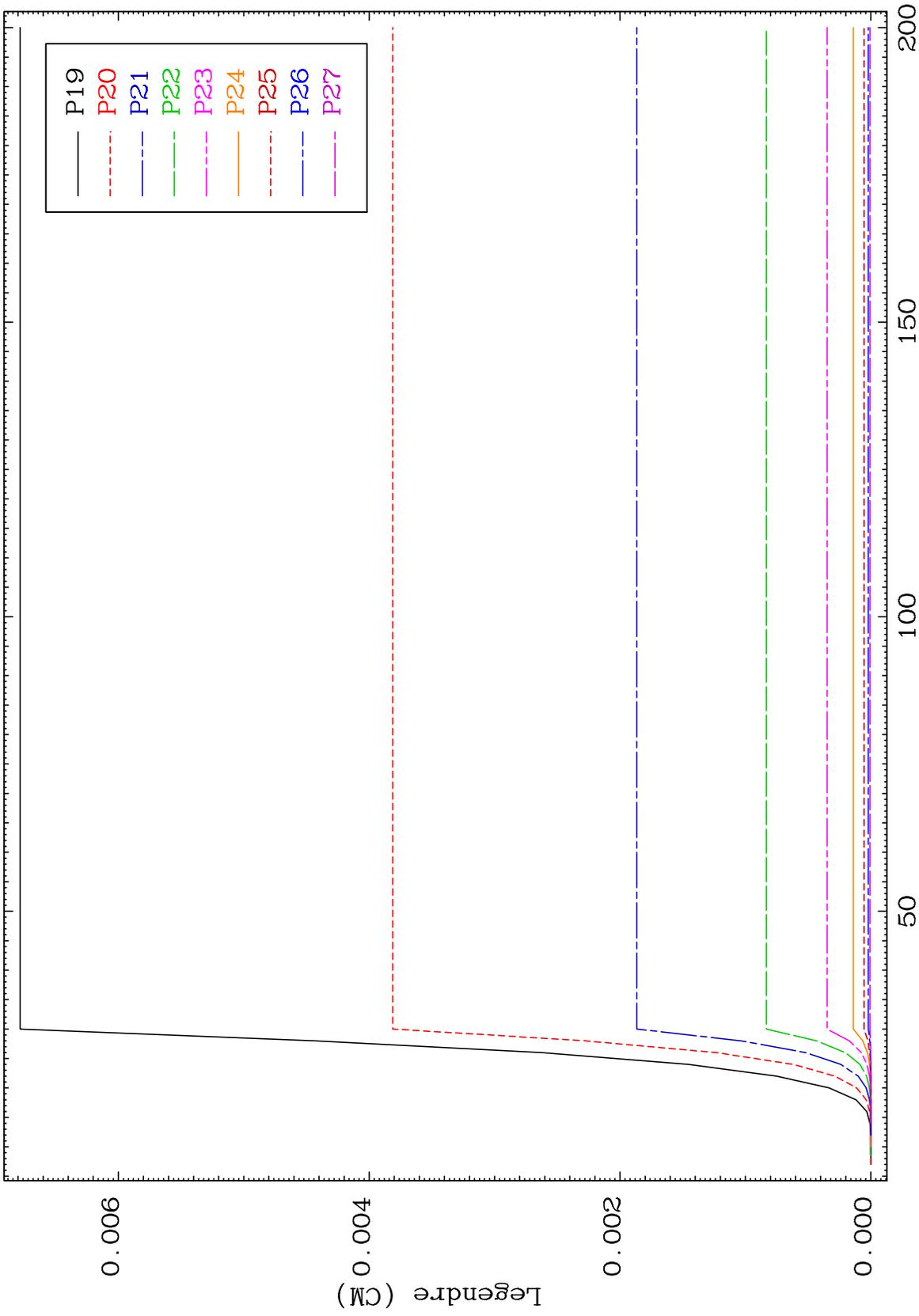
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



21

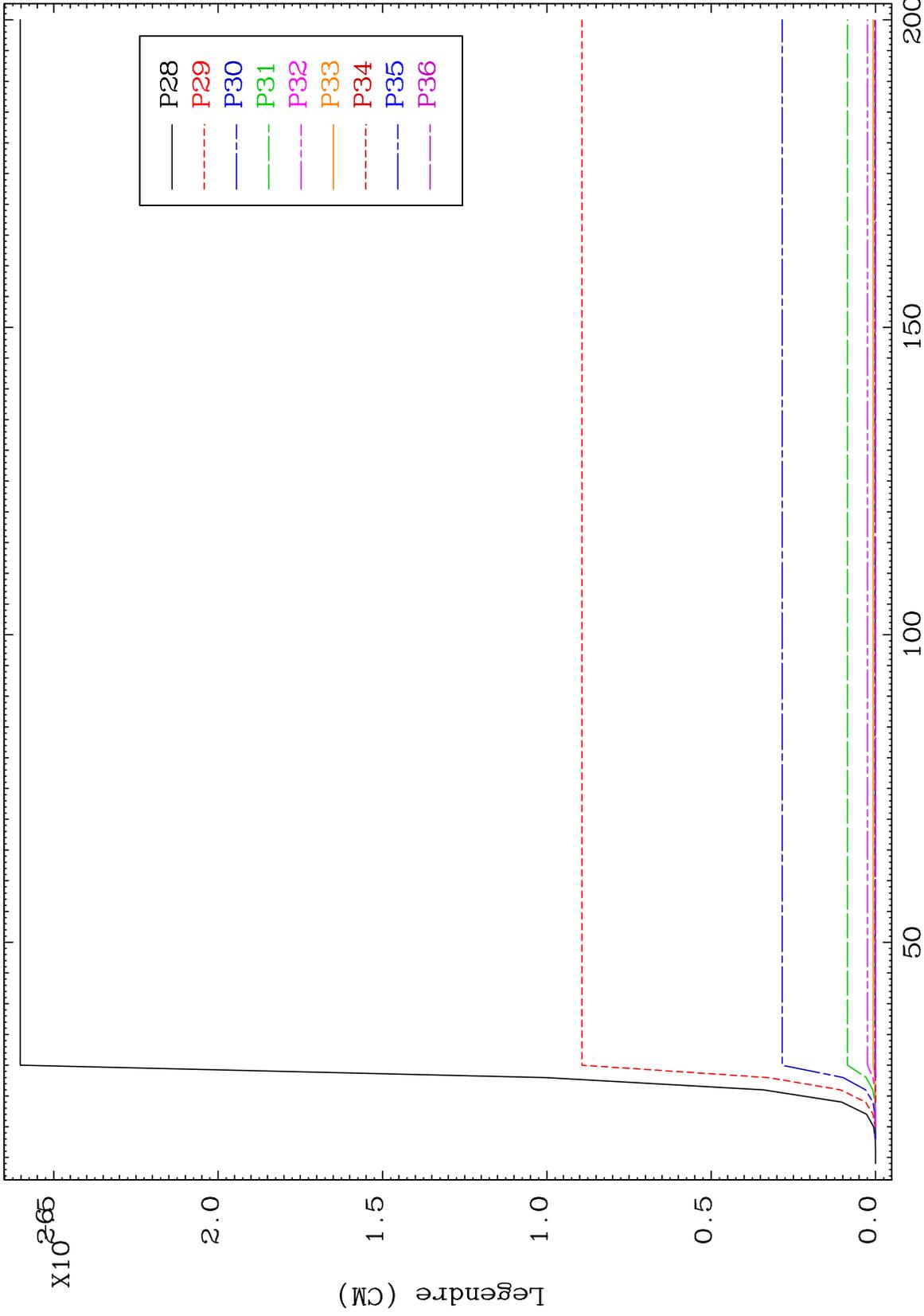
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



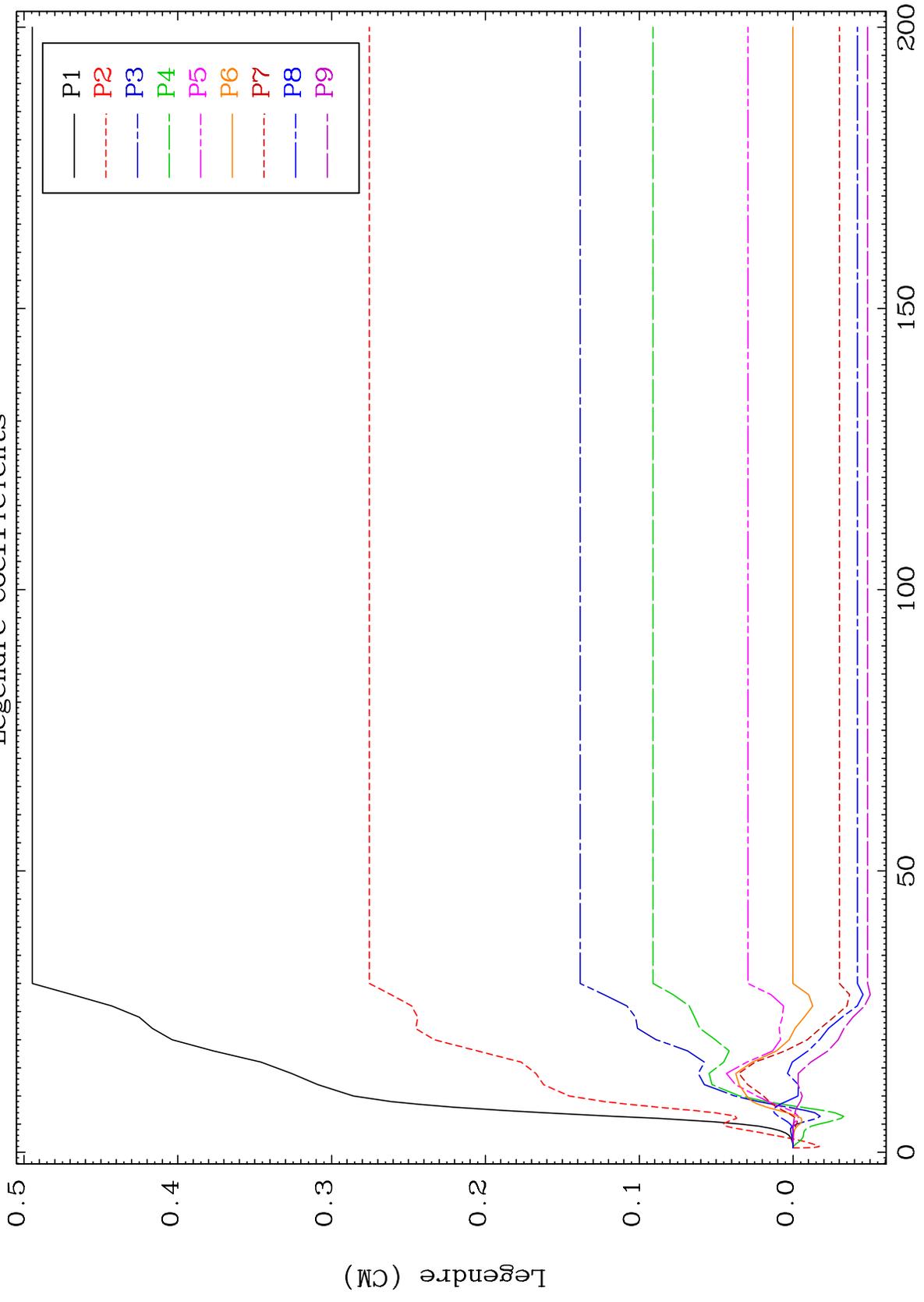
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46-Pd-116

MAT 4667

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

46-Pd-116



23

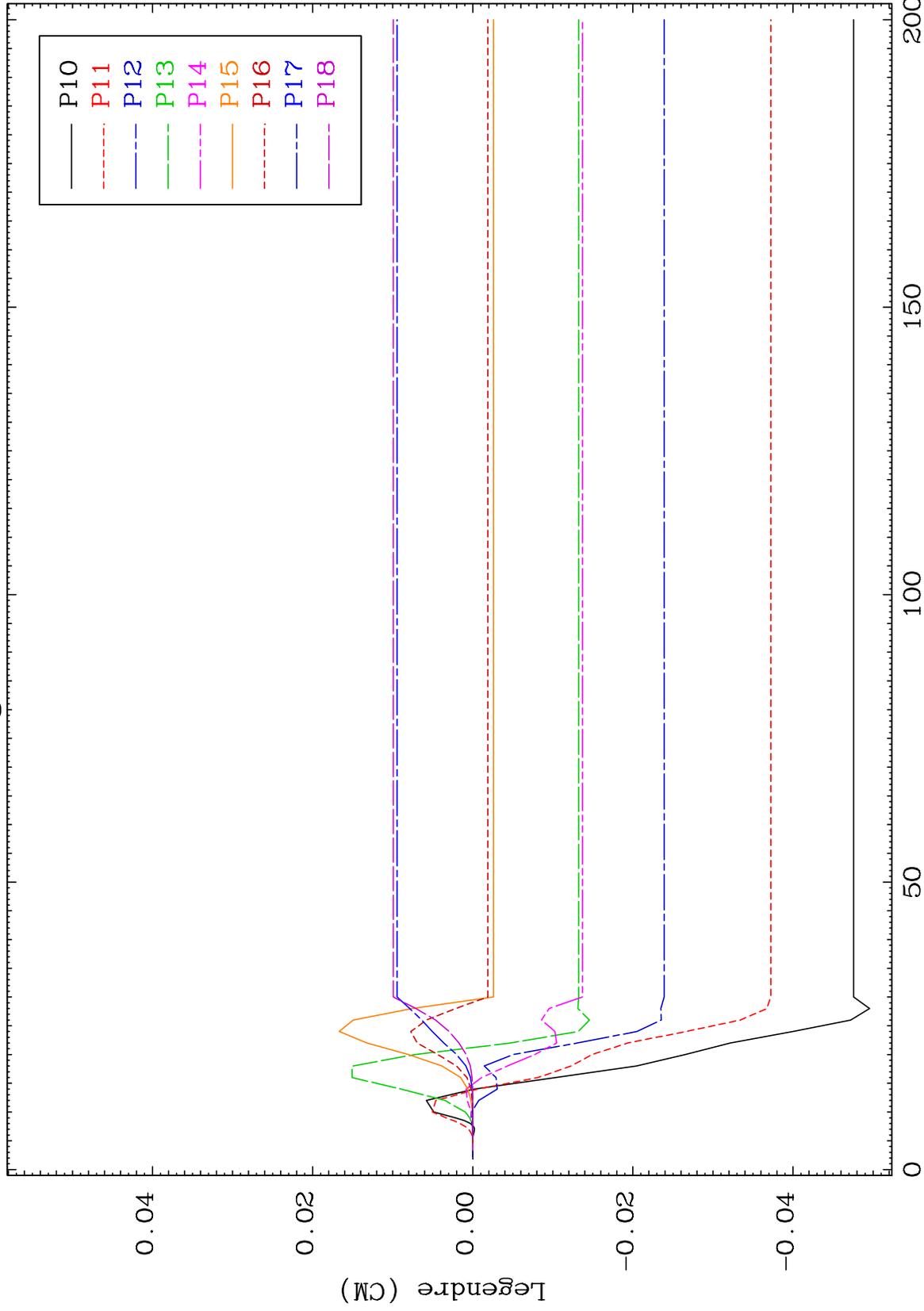
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



24

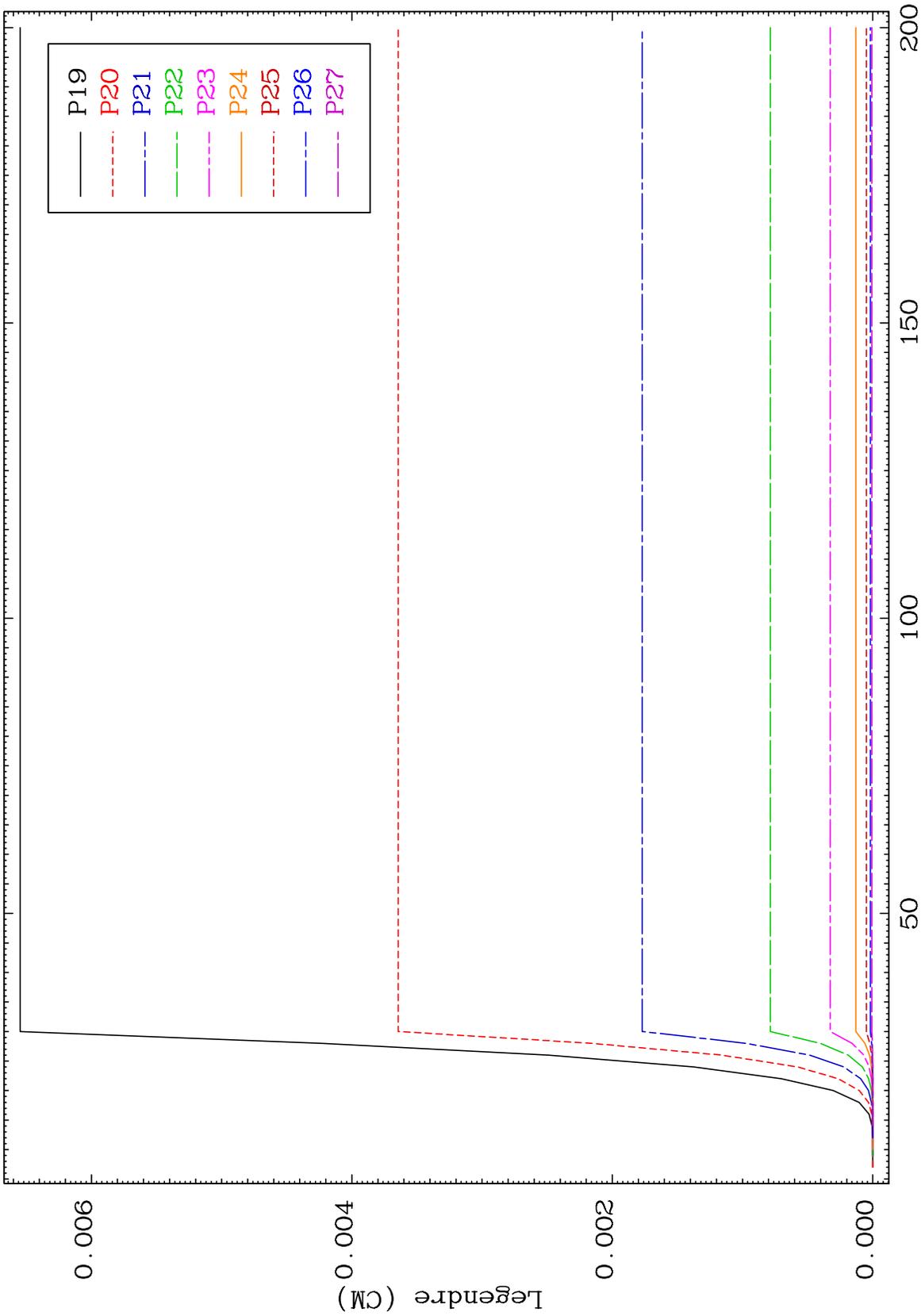
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



25

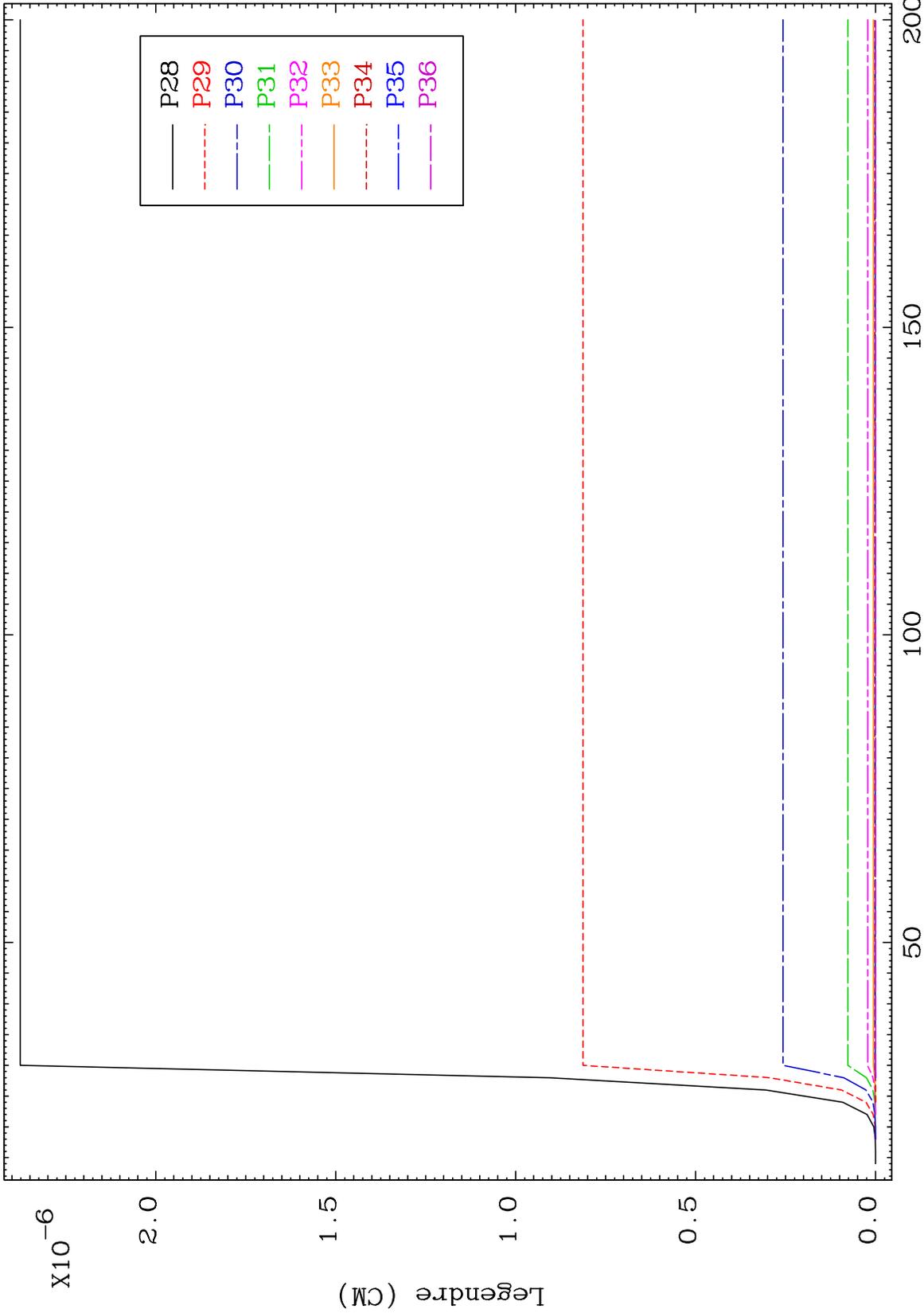
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



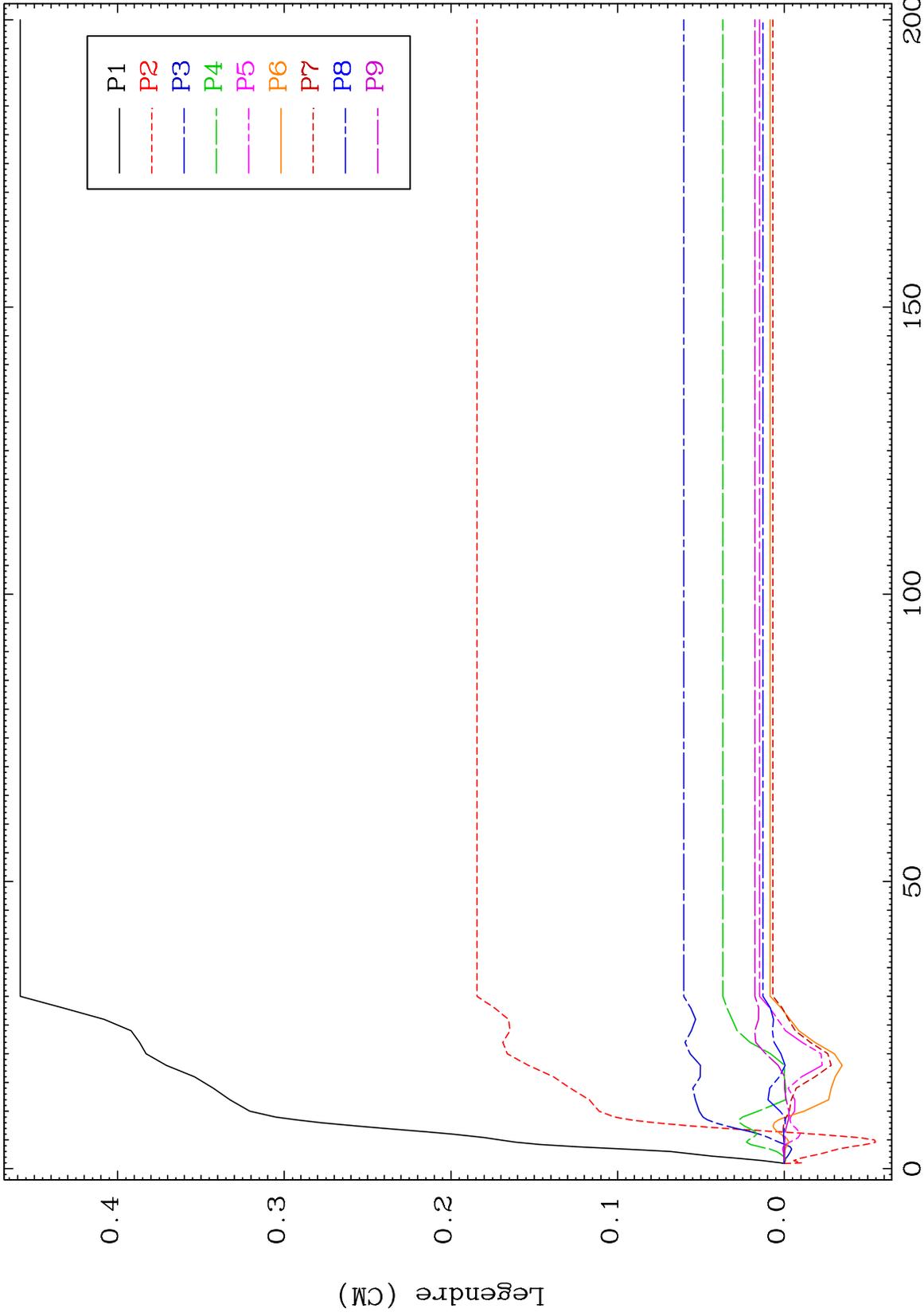
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46-Pd-116

MAT 4667

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

46-Pd-116



27

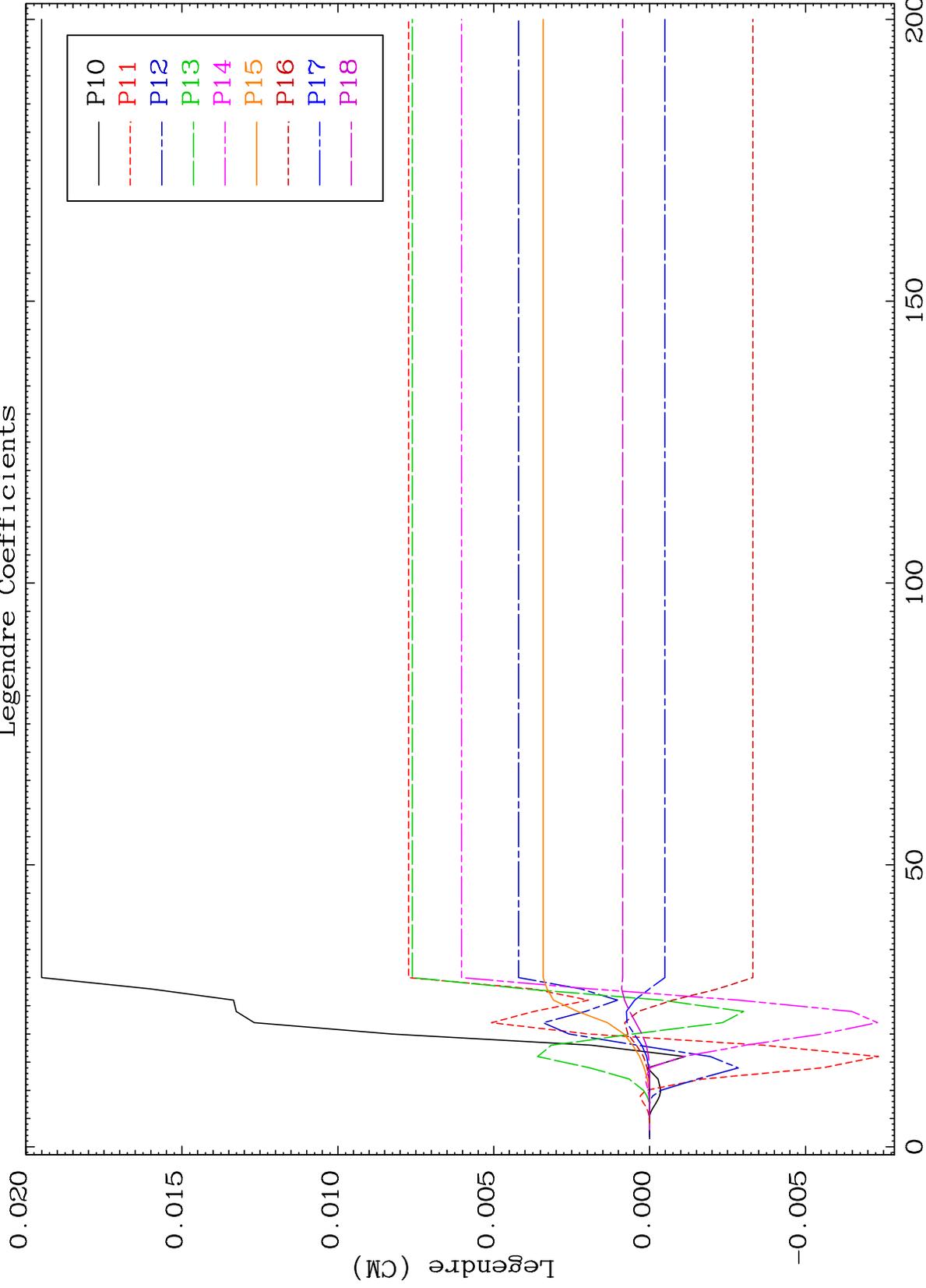
Incident Energy (MeV)

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MAT 4667

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

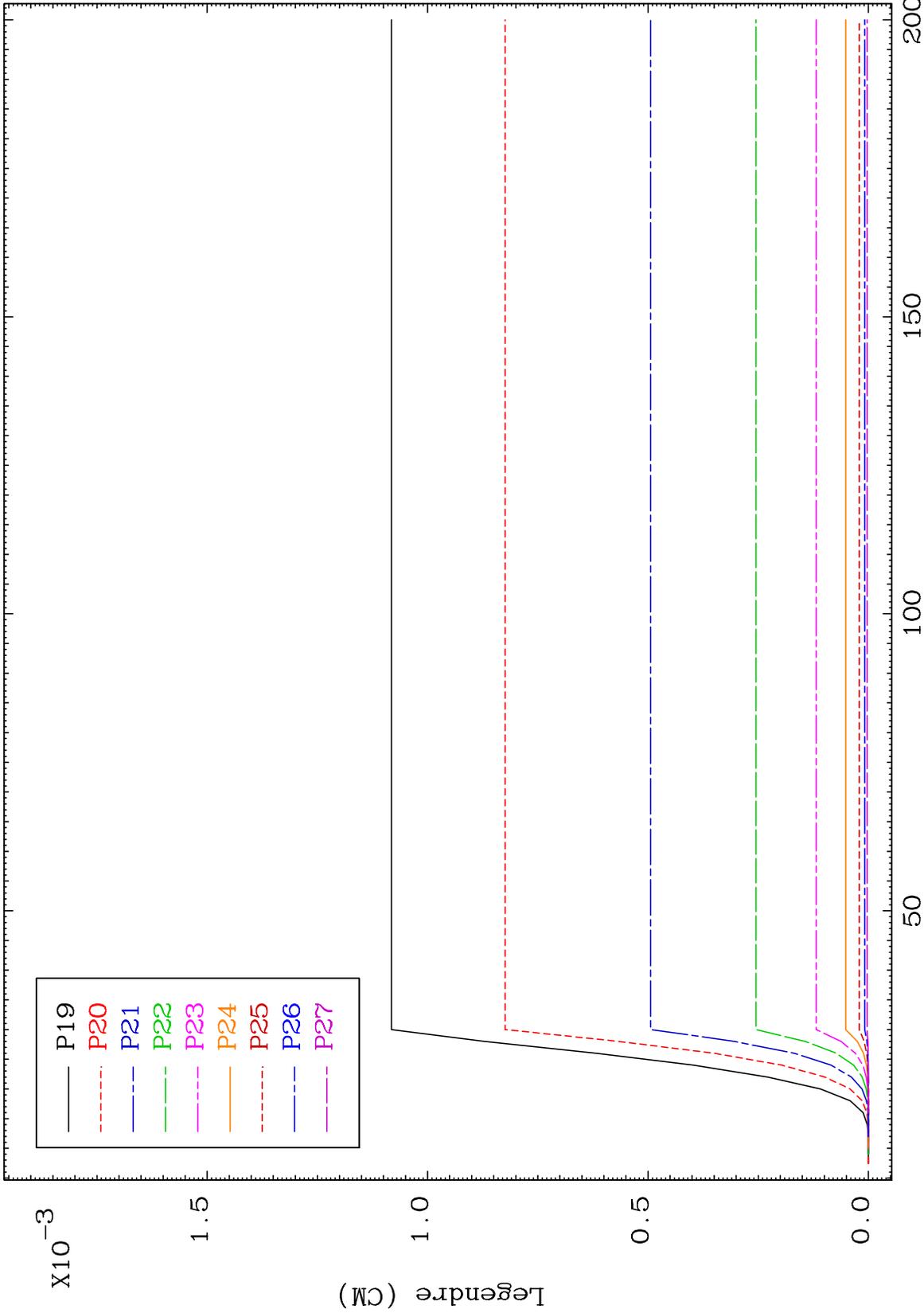
46-Pd-116



28

Incident Energy (MeV)

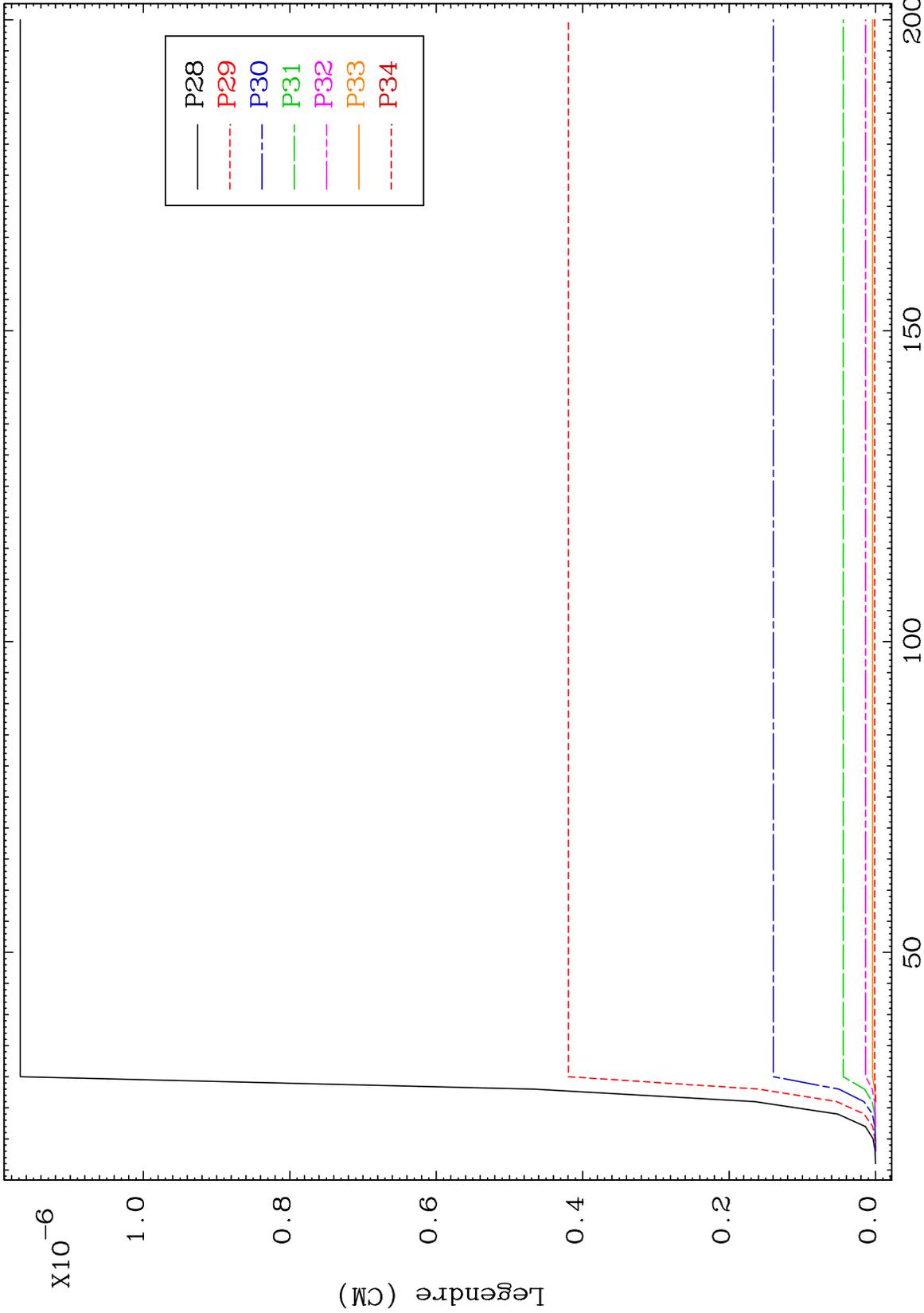
46-Pd-116



MAT 4667

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

46-Pd-116



30

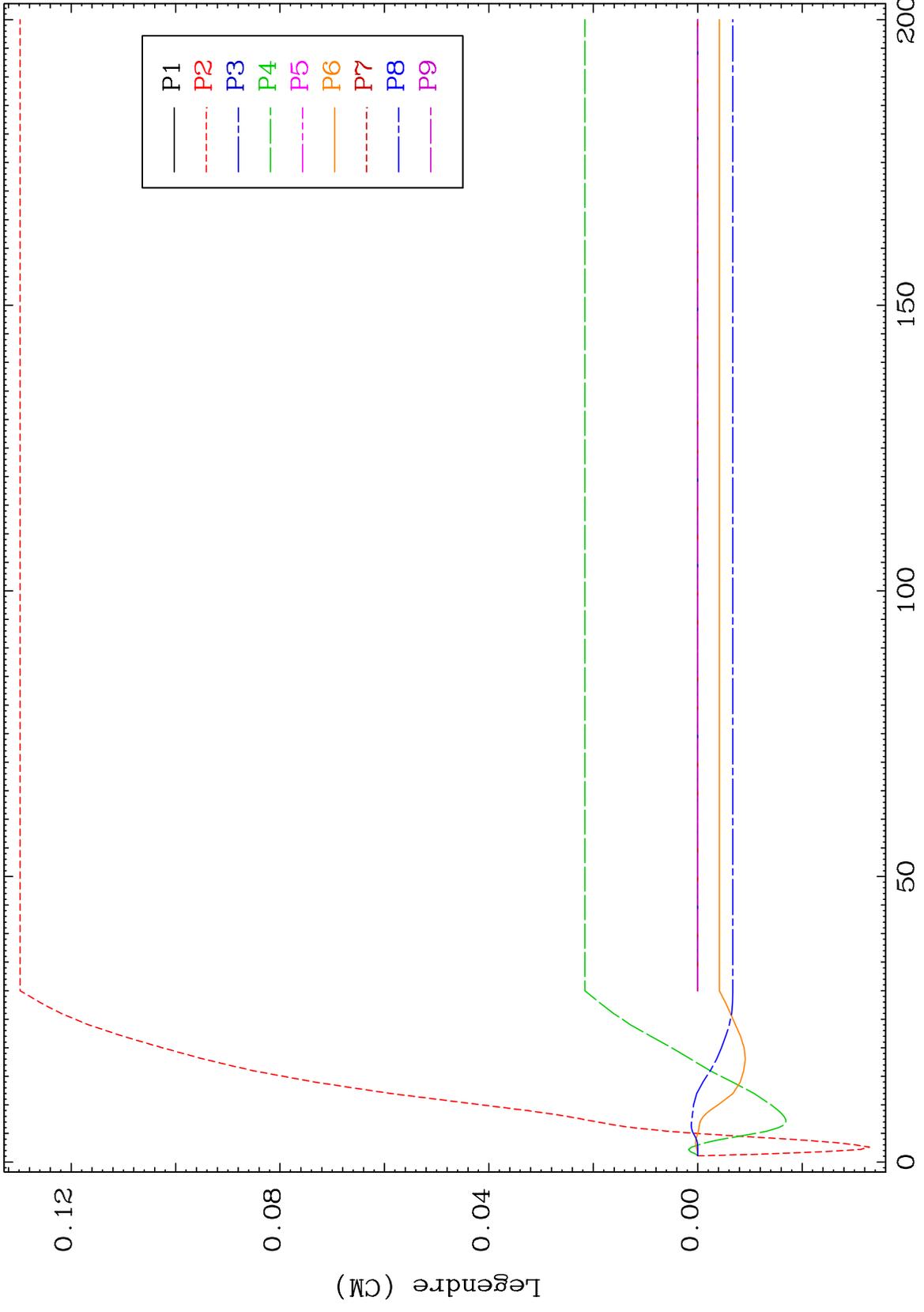
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



31

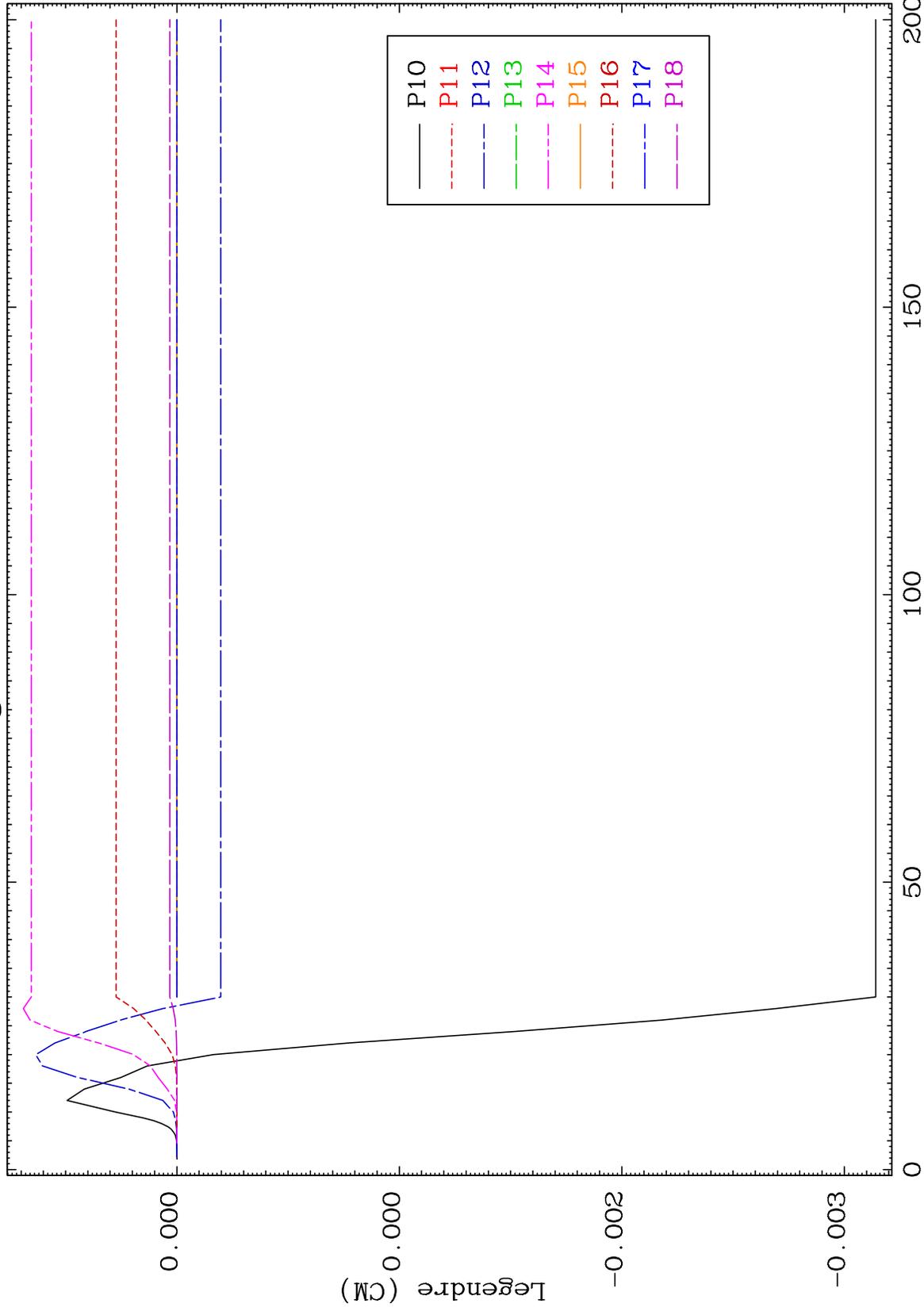
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



32

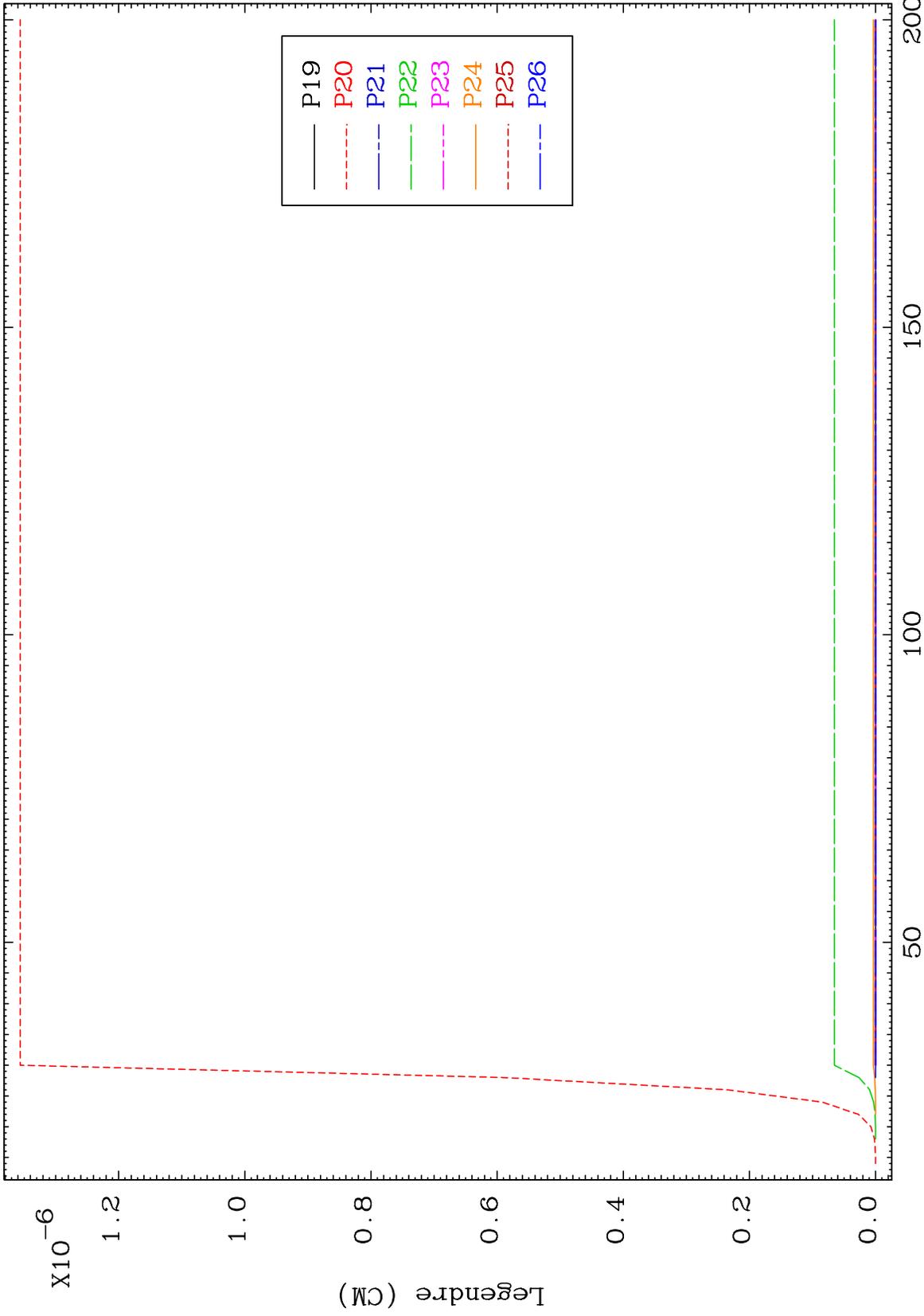
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



33

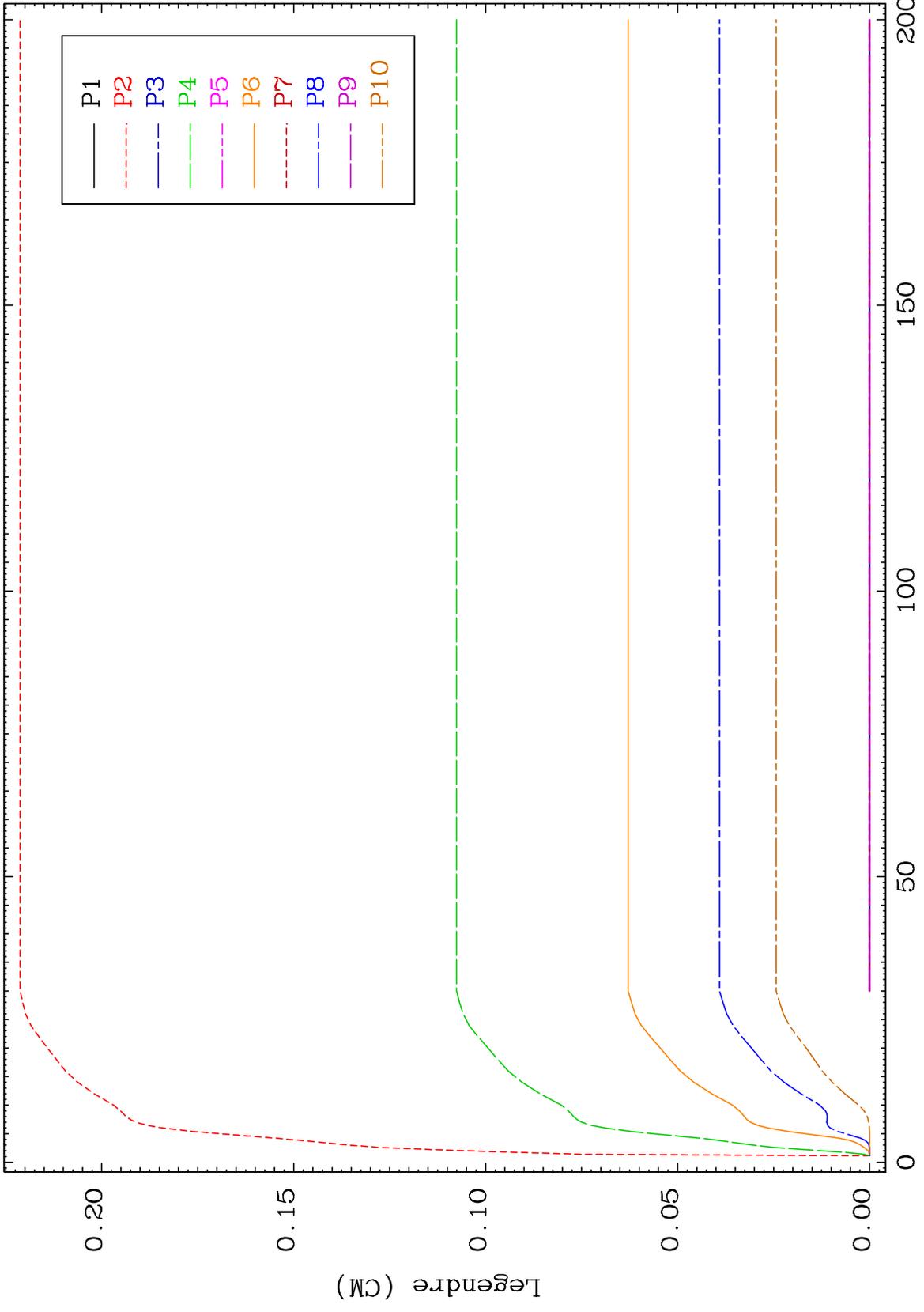
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



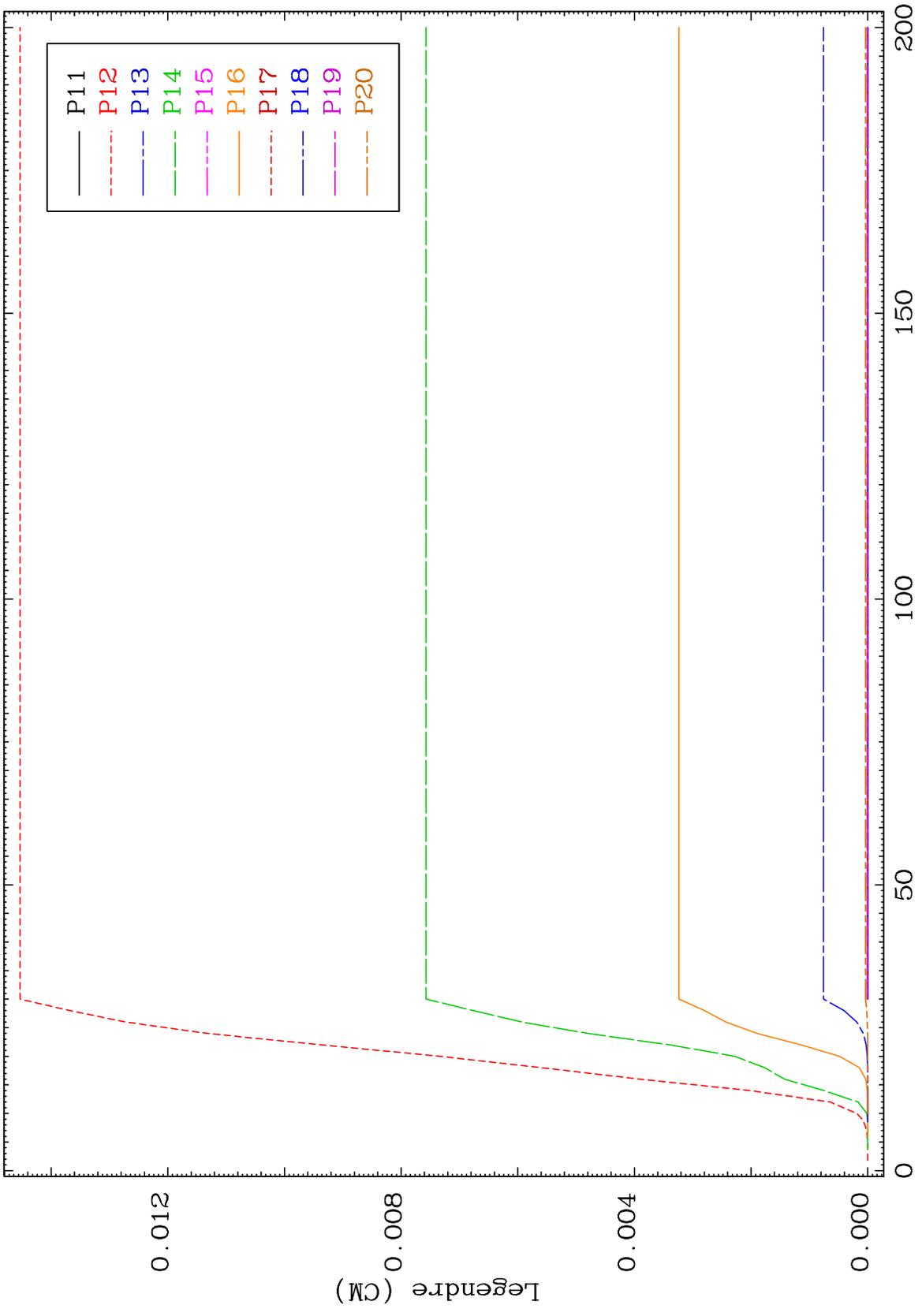
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46-Pd-116

MAT 4667

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

46-Pd-116



35

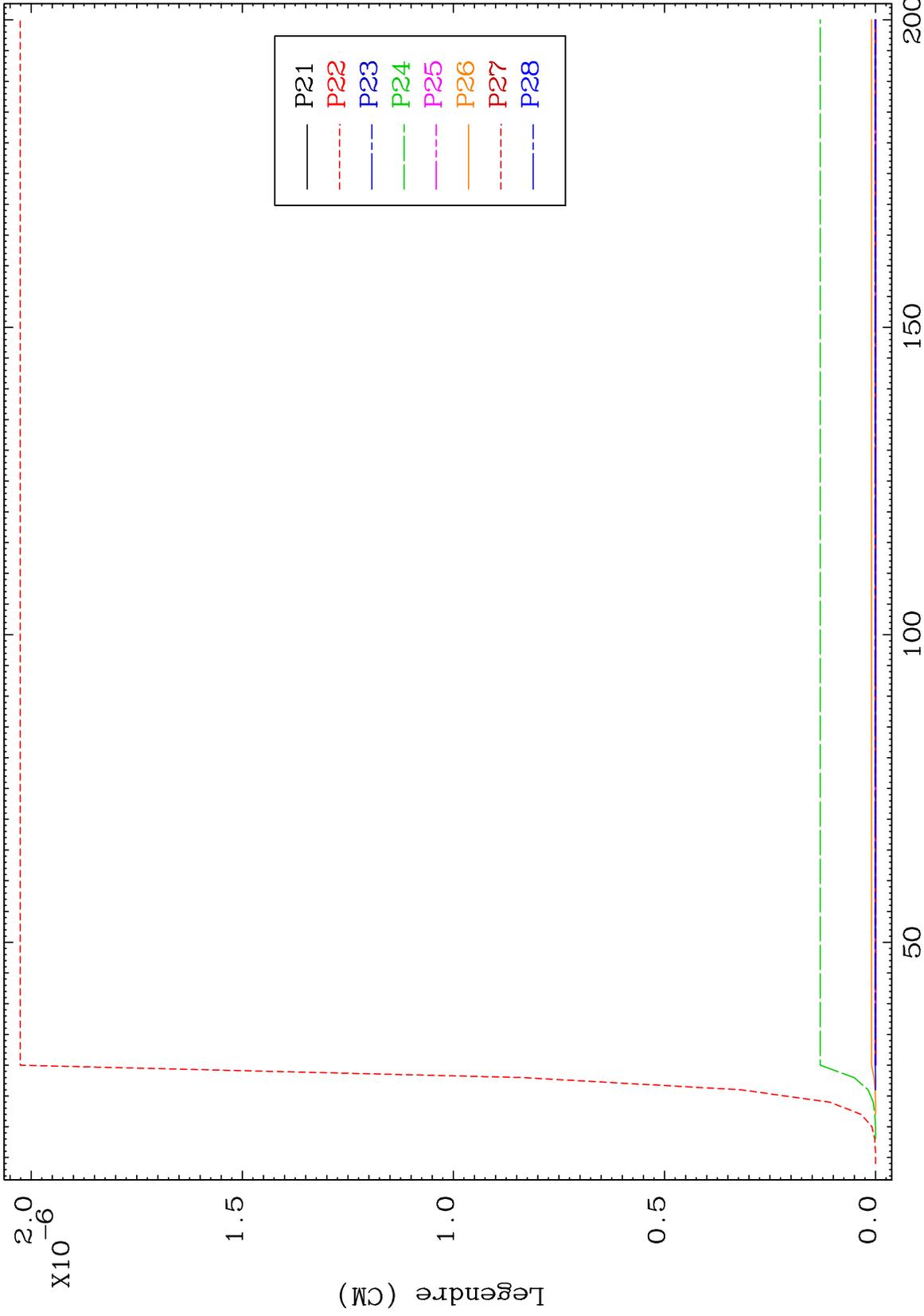
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



36

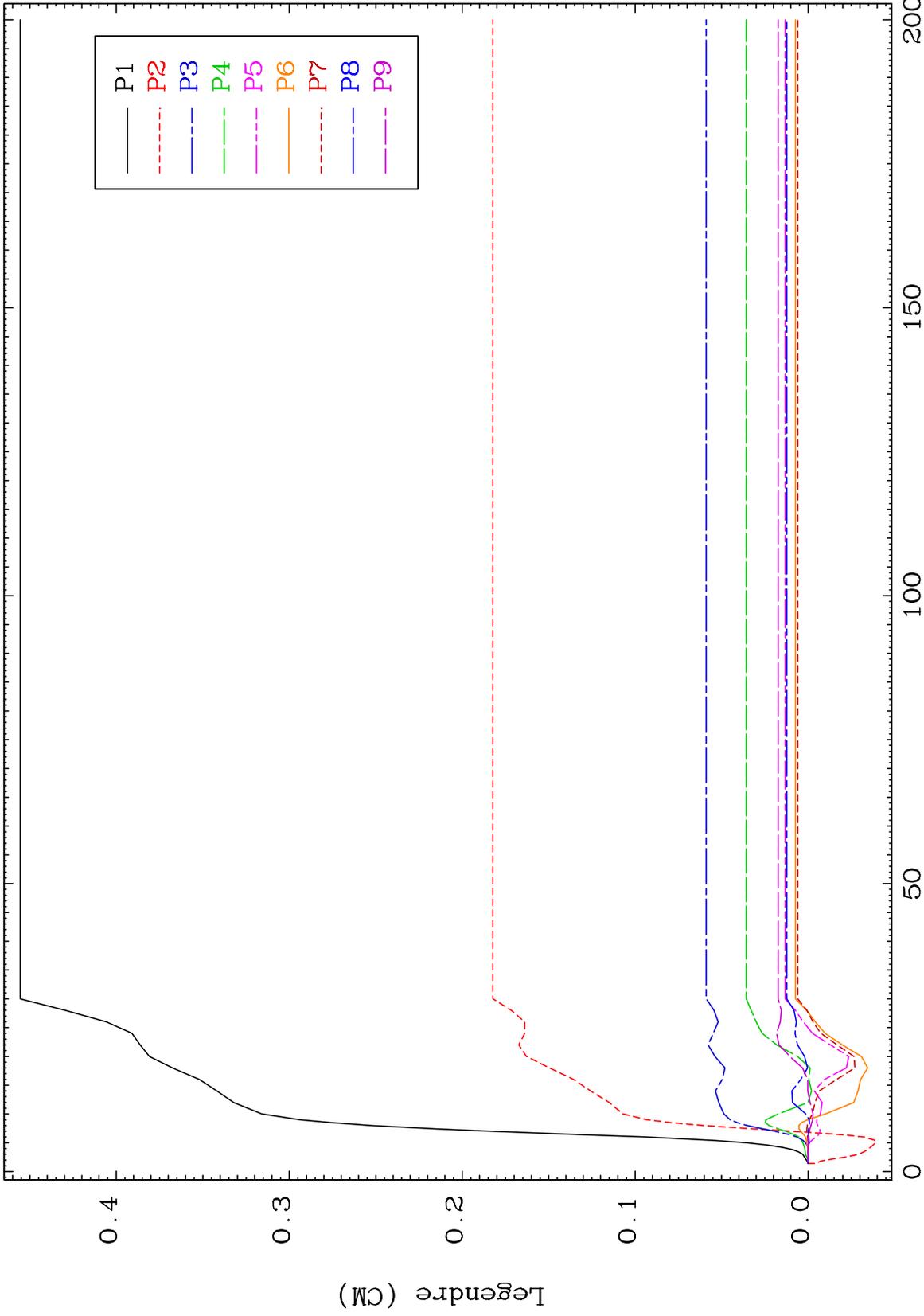
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46-Pd-116

MAT 4667

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

46-Pd-116



37

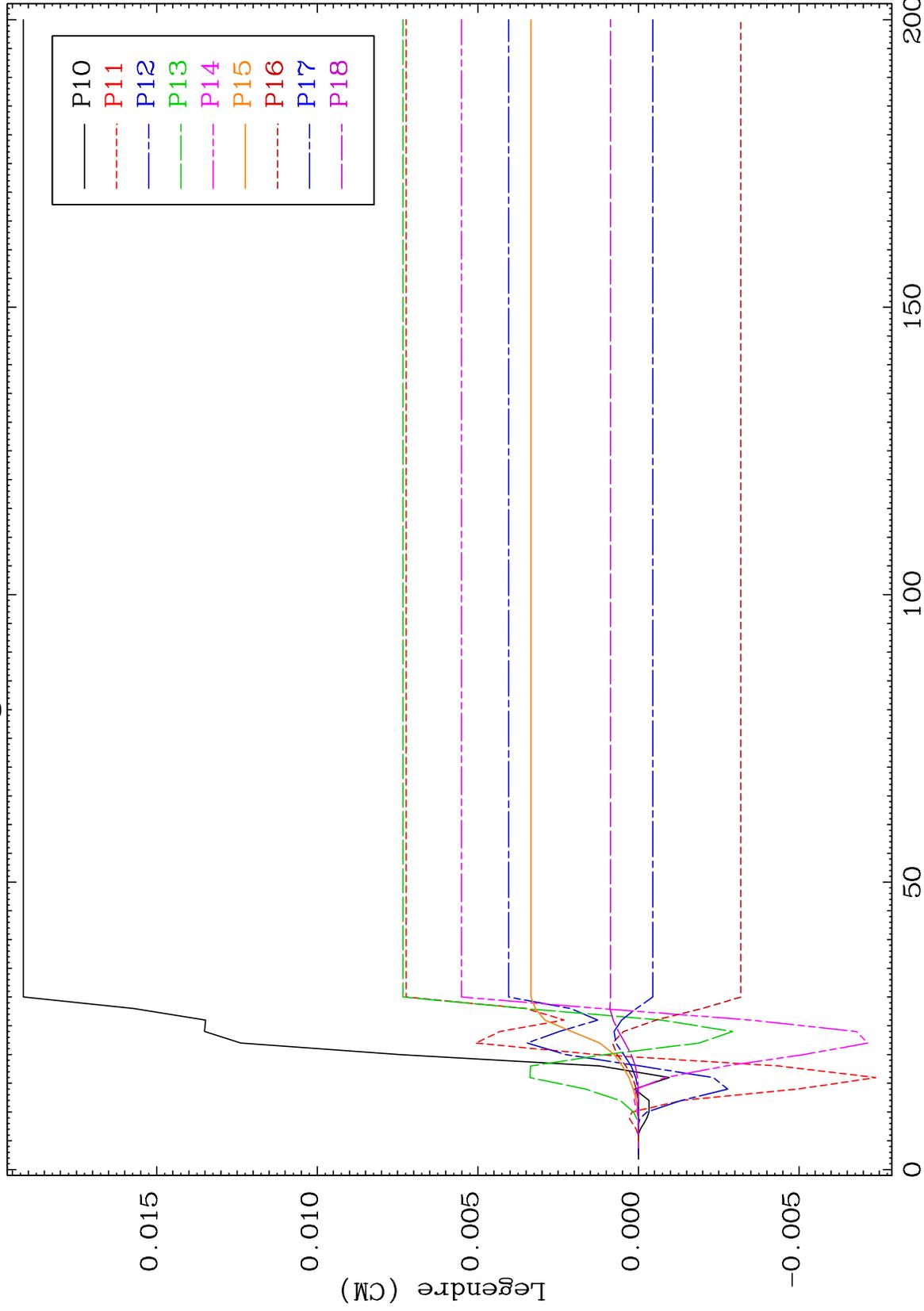
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



38

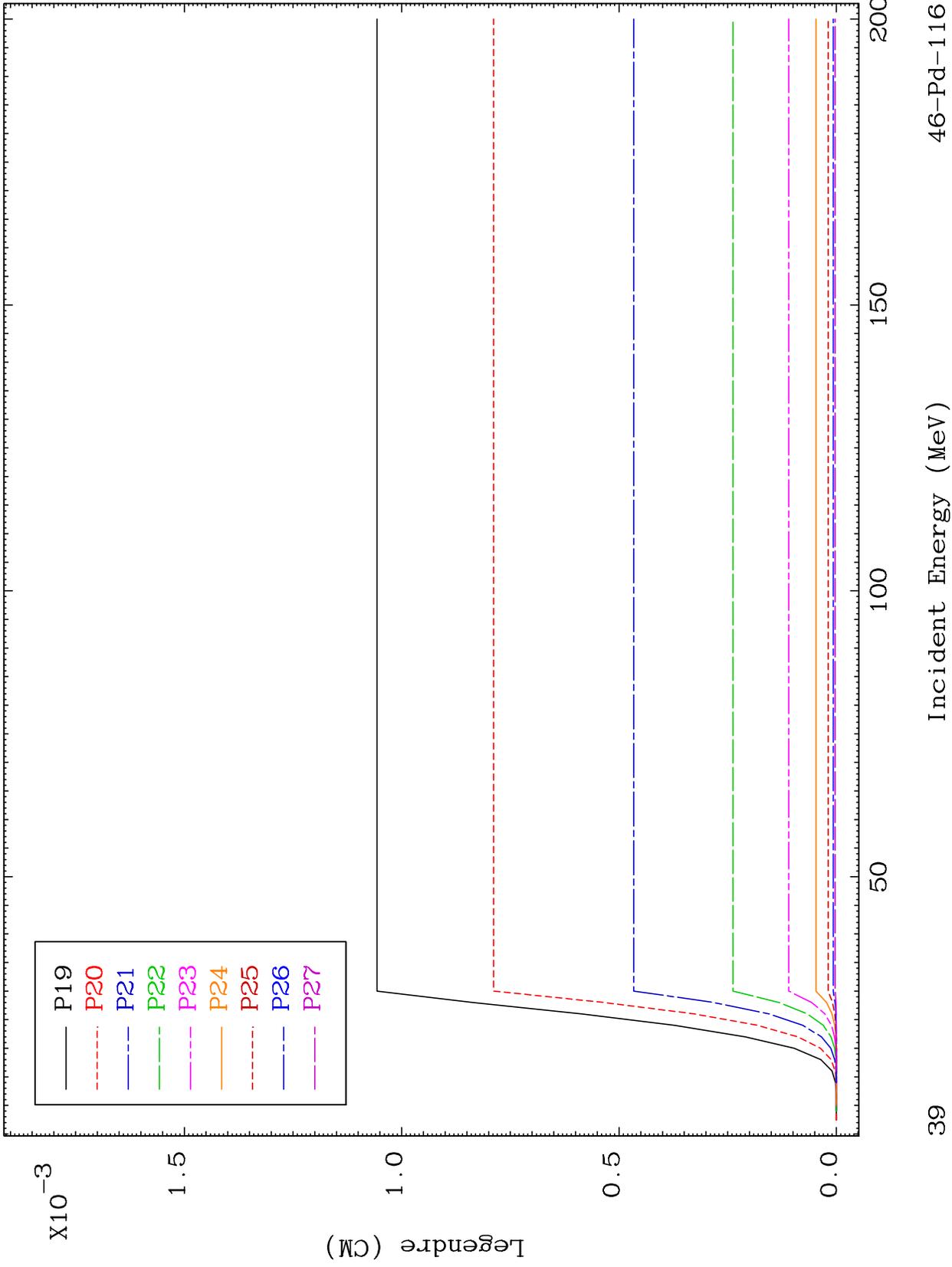
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MAT 4667

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

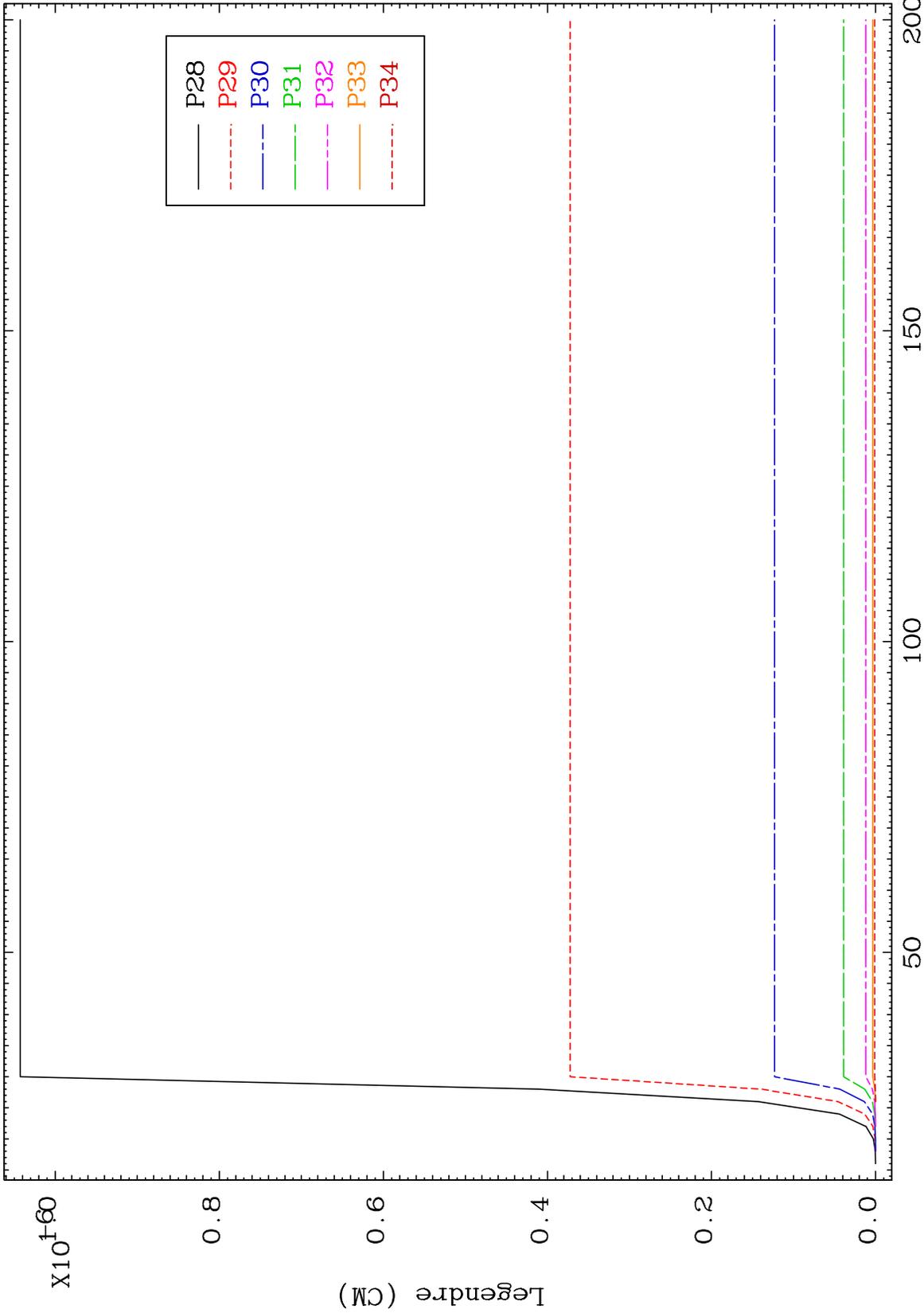
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MAT 4667

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

46-Pd-116



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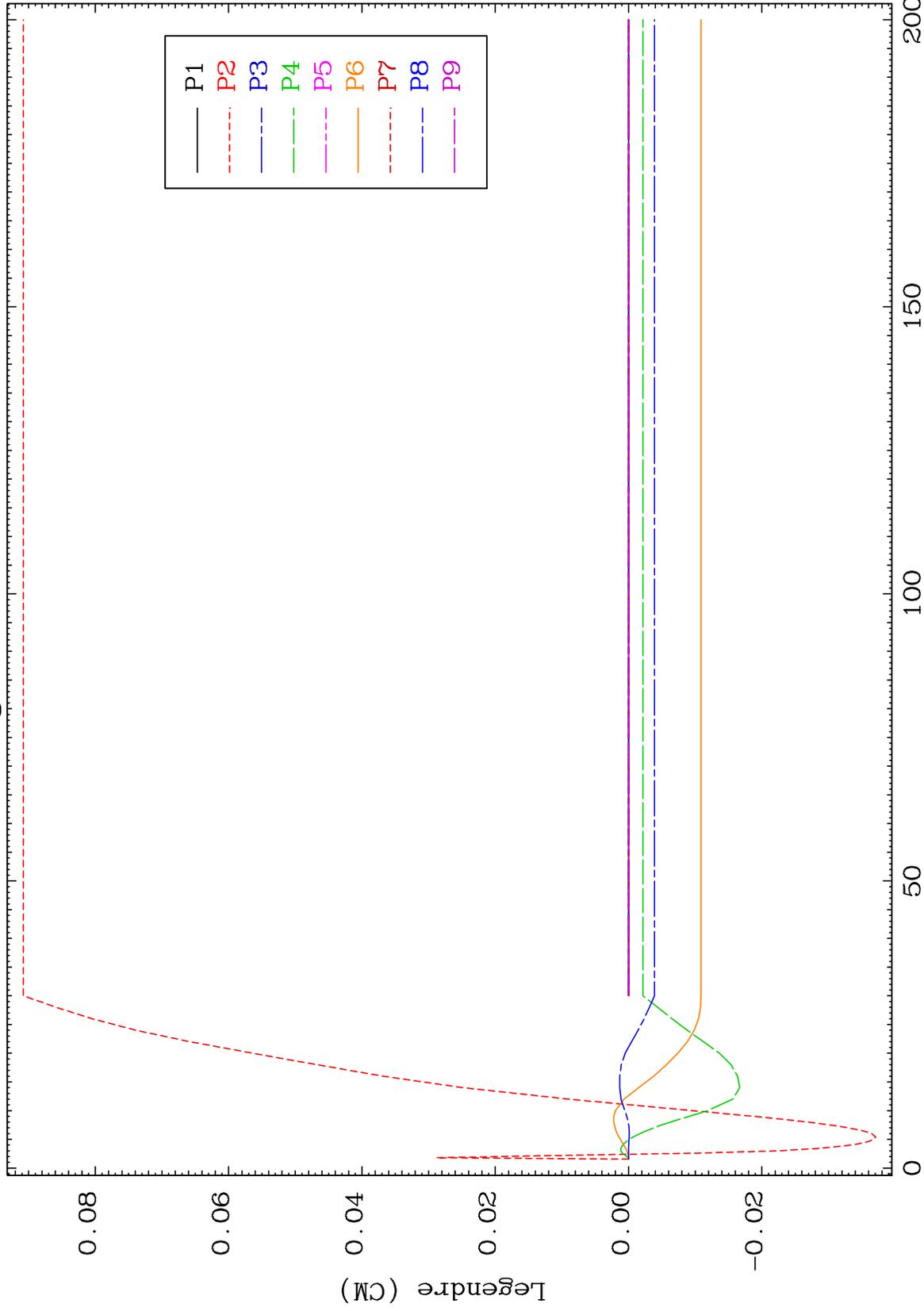
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



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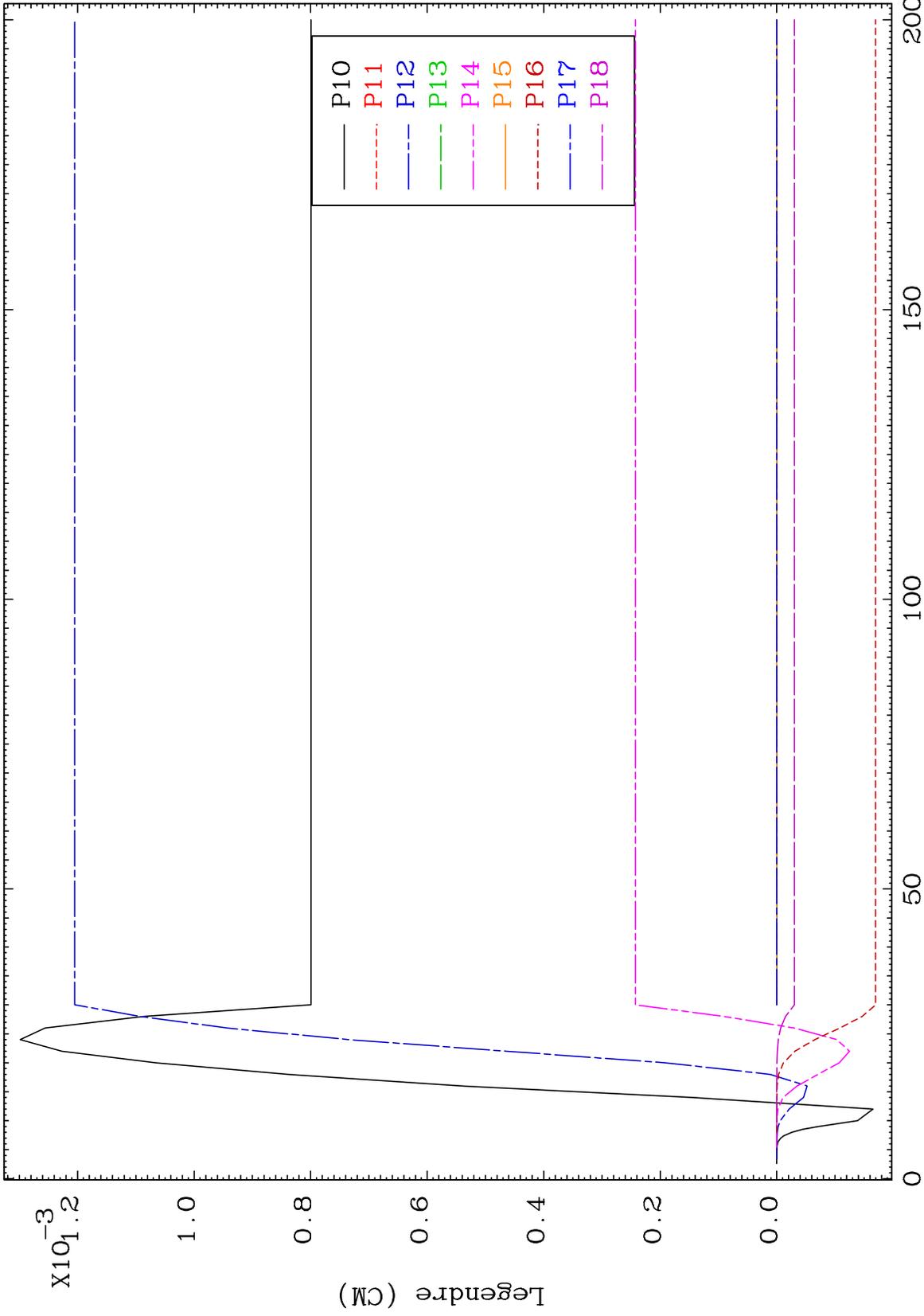
Incident Energy (MeV)

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MAT 4667

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

46-Pd-116



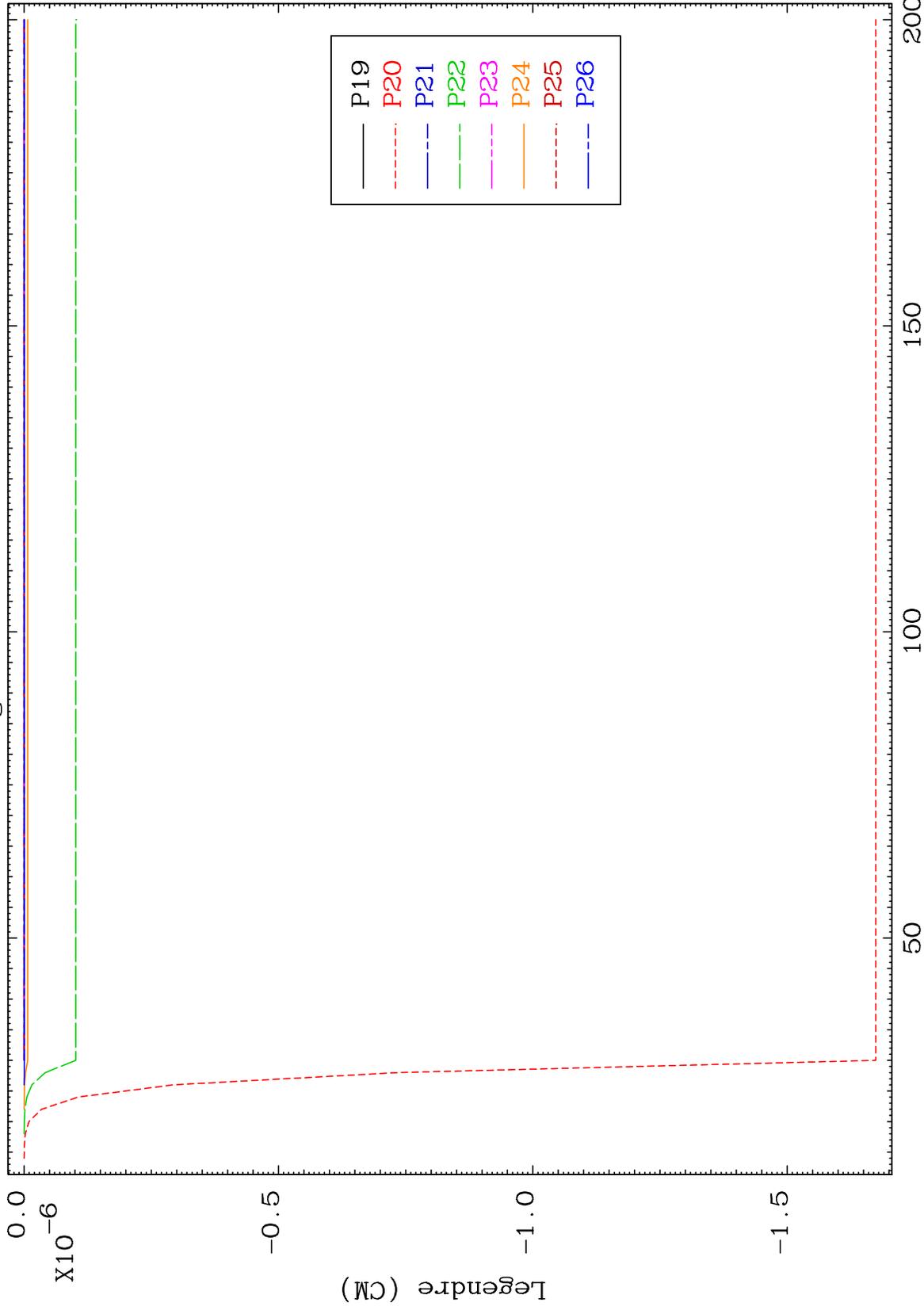
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MAT 4667

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

46-Pd-116



43

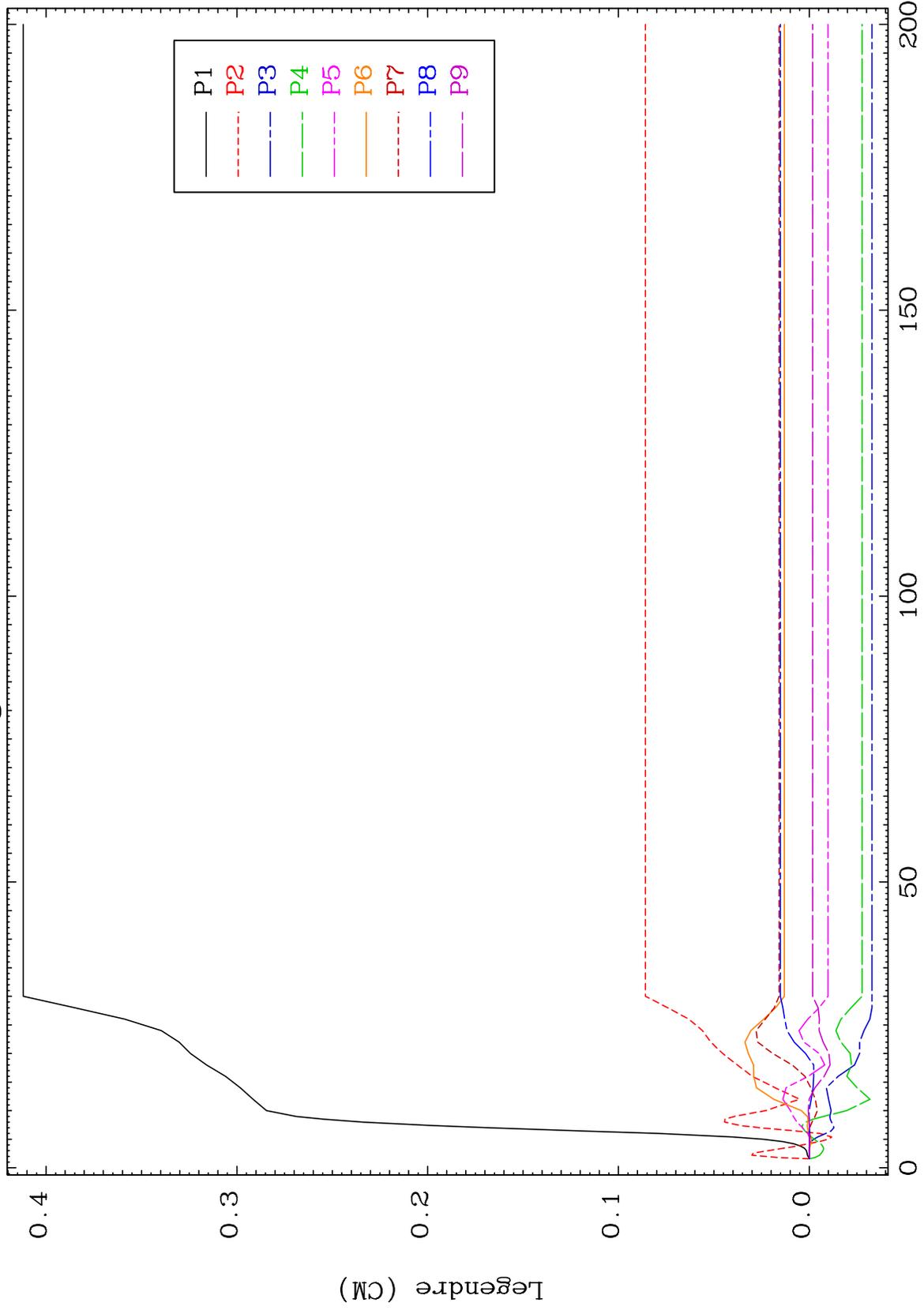
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



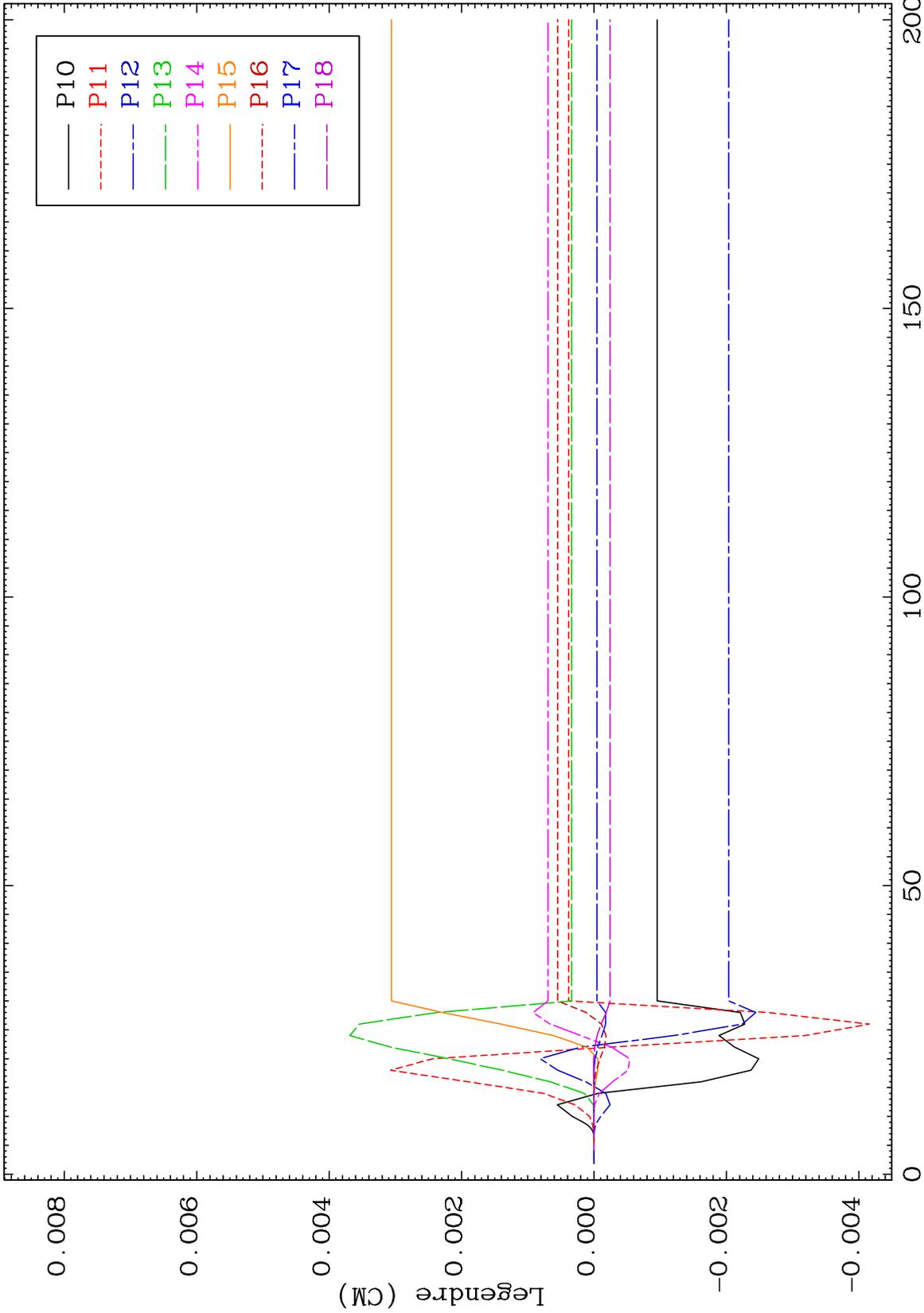
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46-Pd-116

MAT 4667

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

46-Pd-116



45

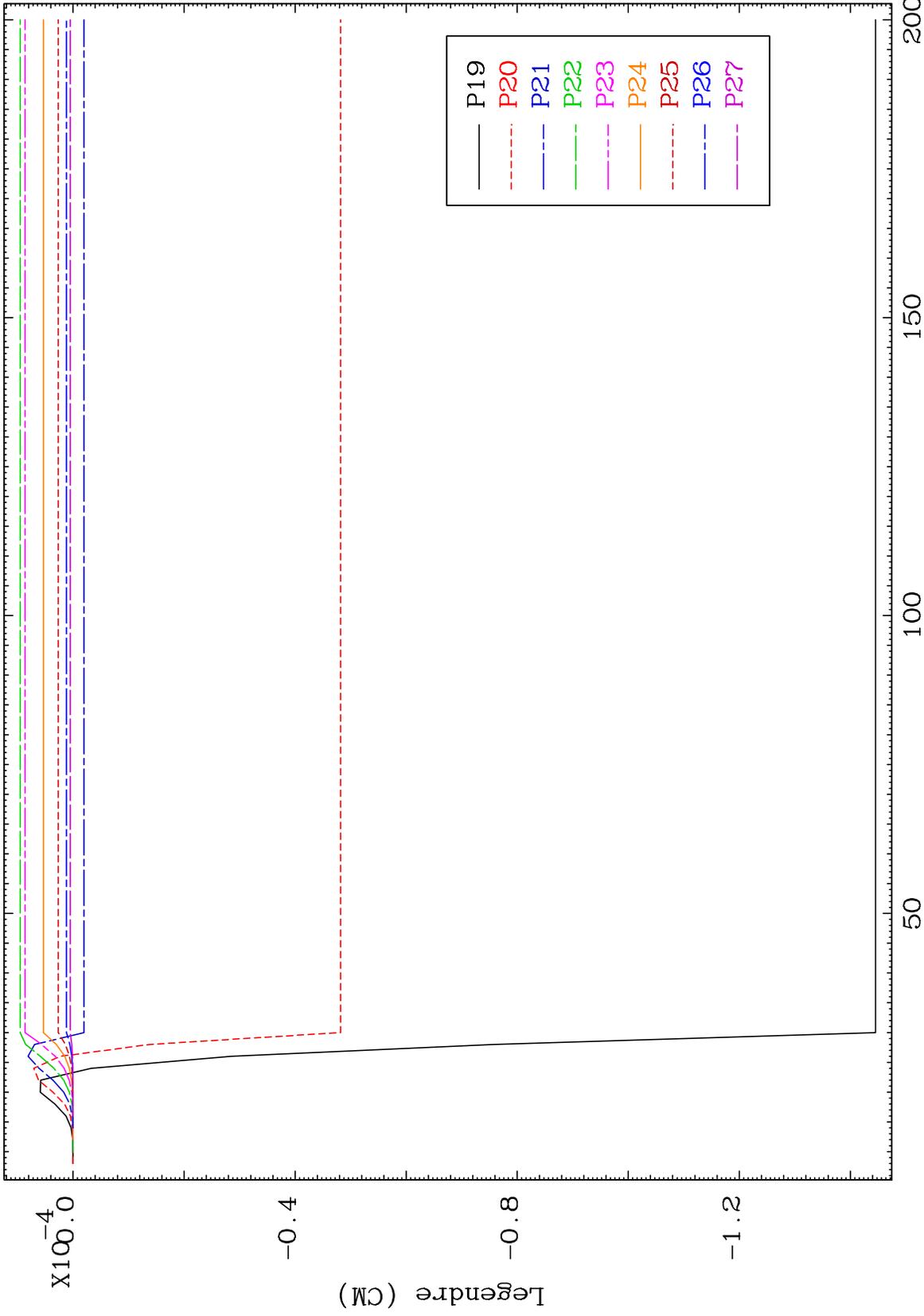
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



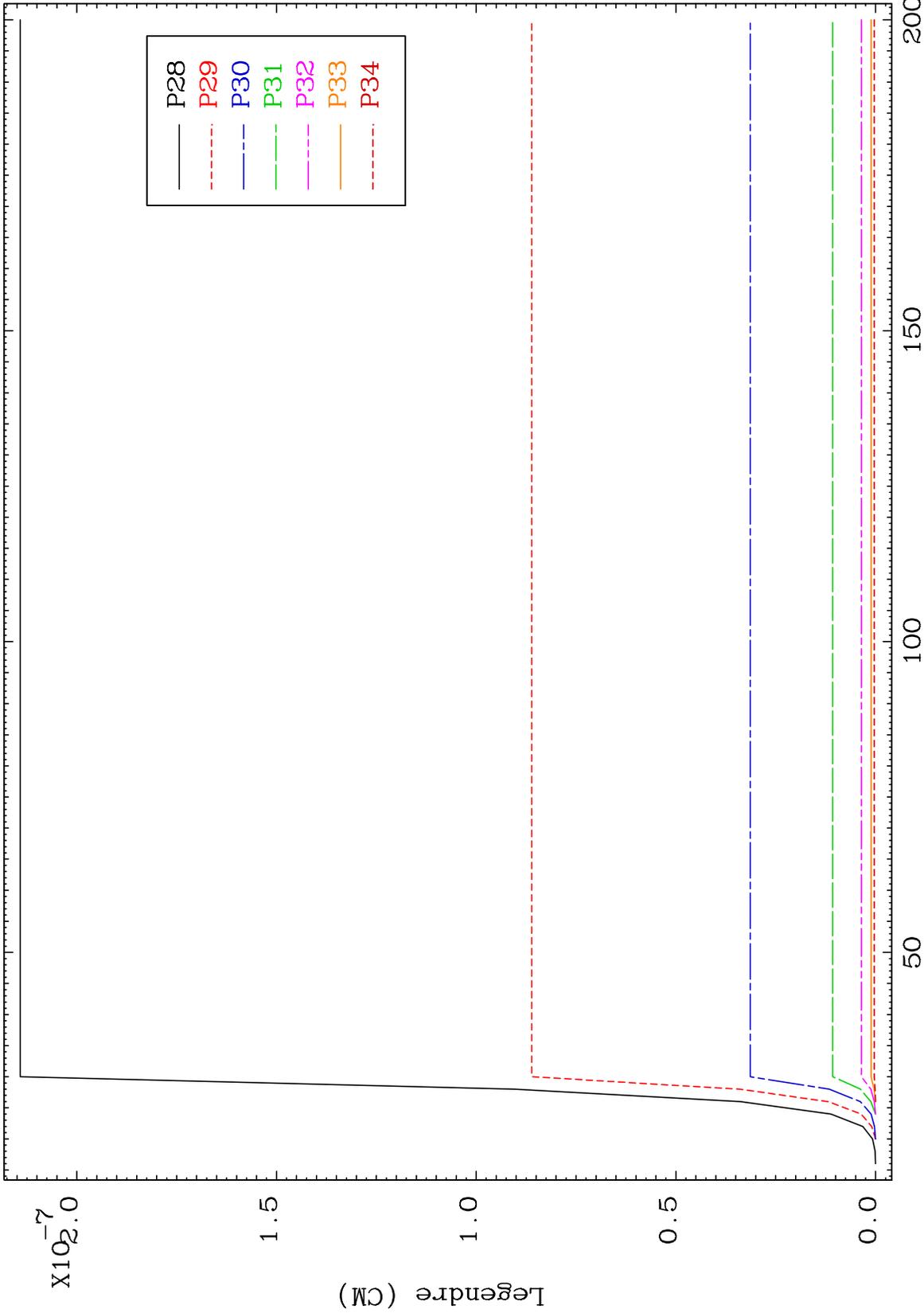
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46-Pd-116

MAT 4667

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

46-Pd-116



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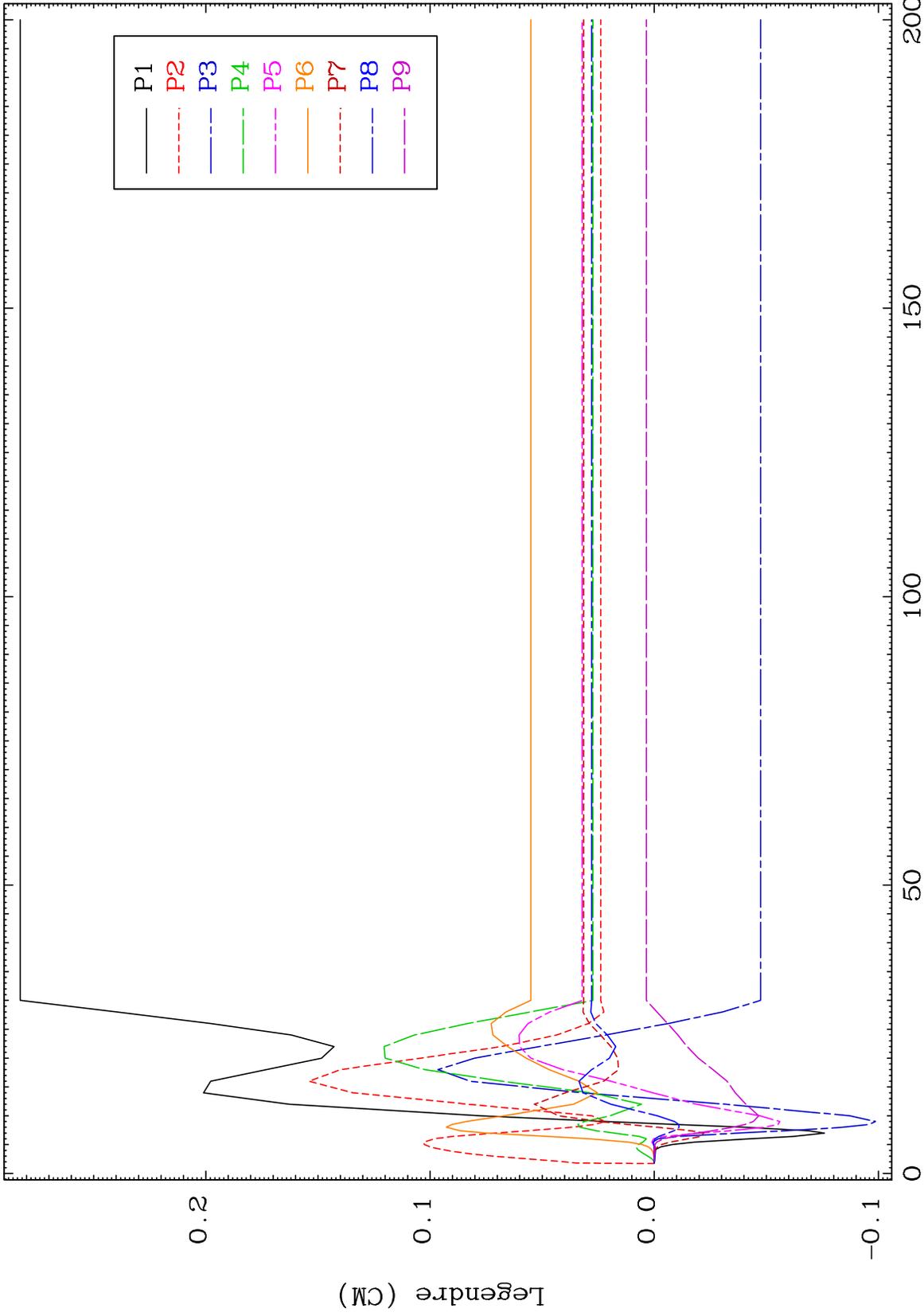
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



48

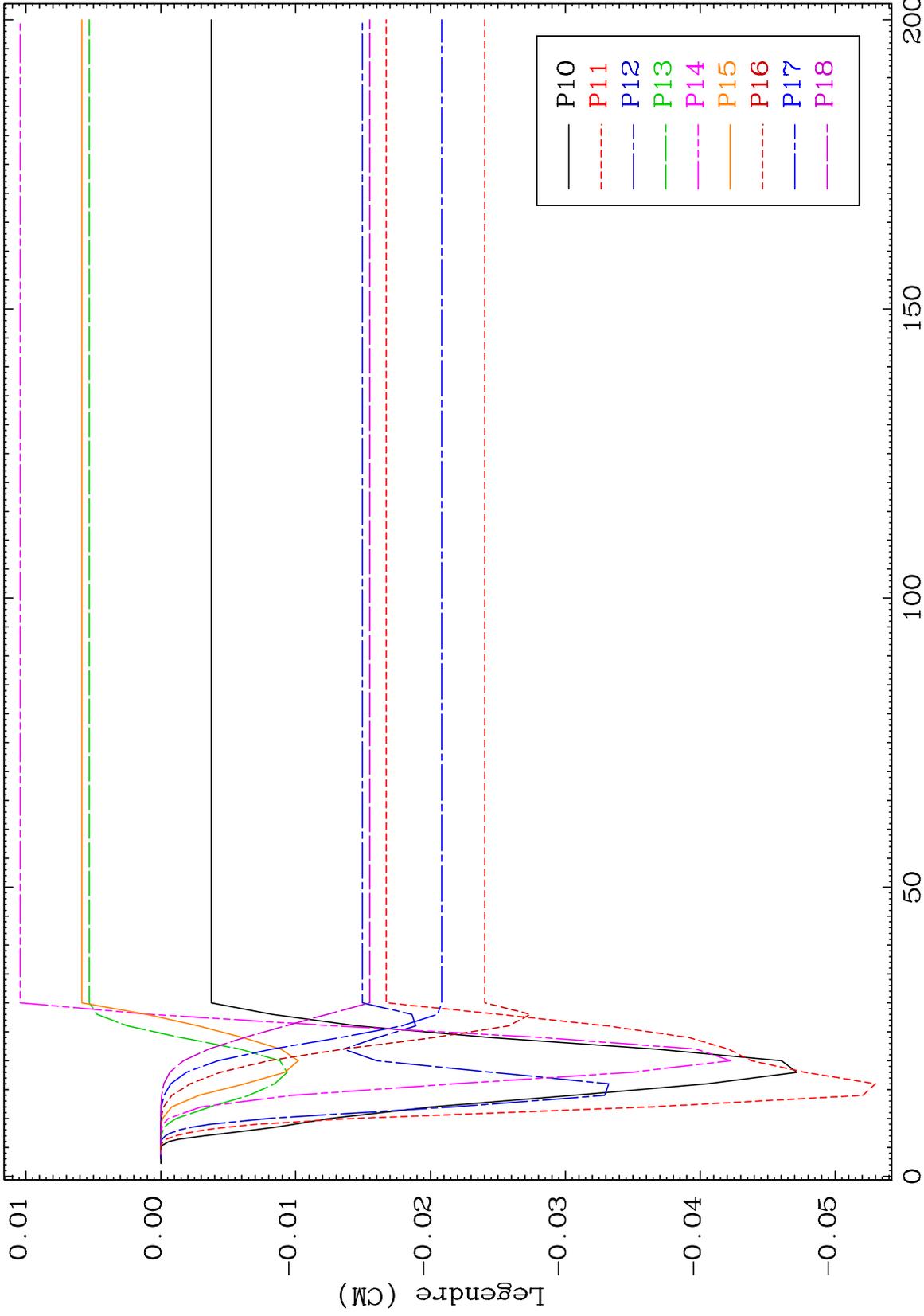
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



49

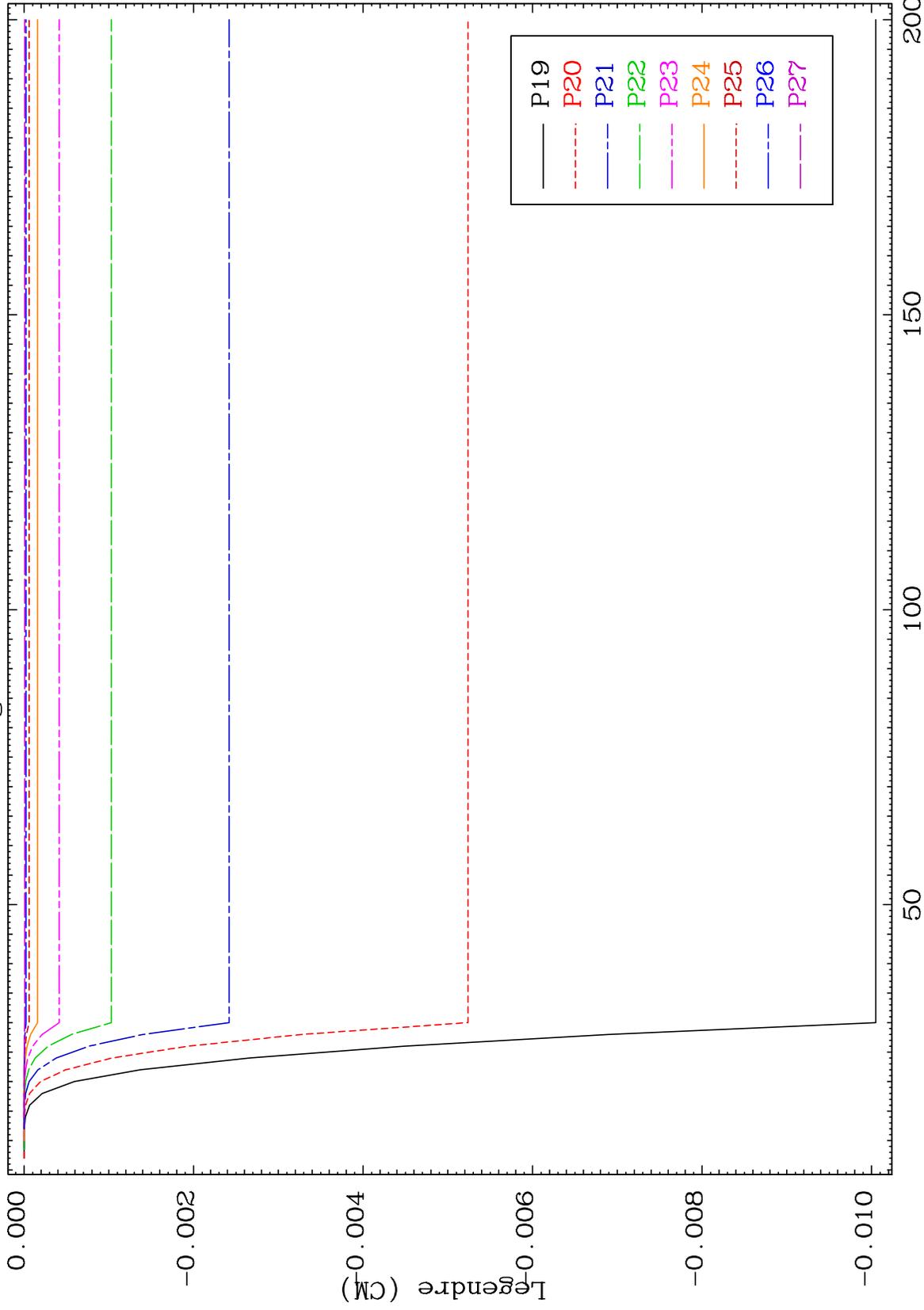
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MAT 4667

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

46-Pd-116



50

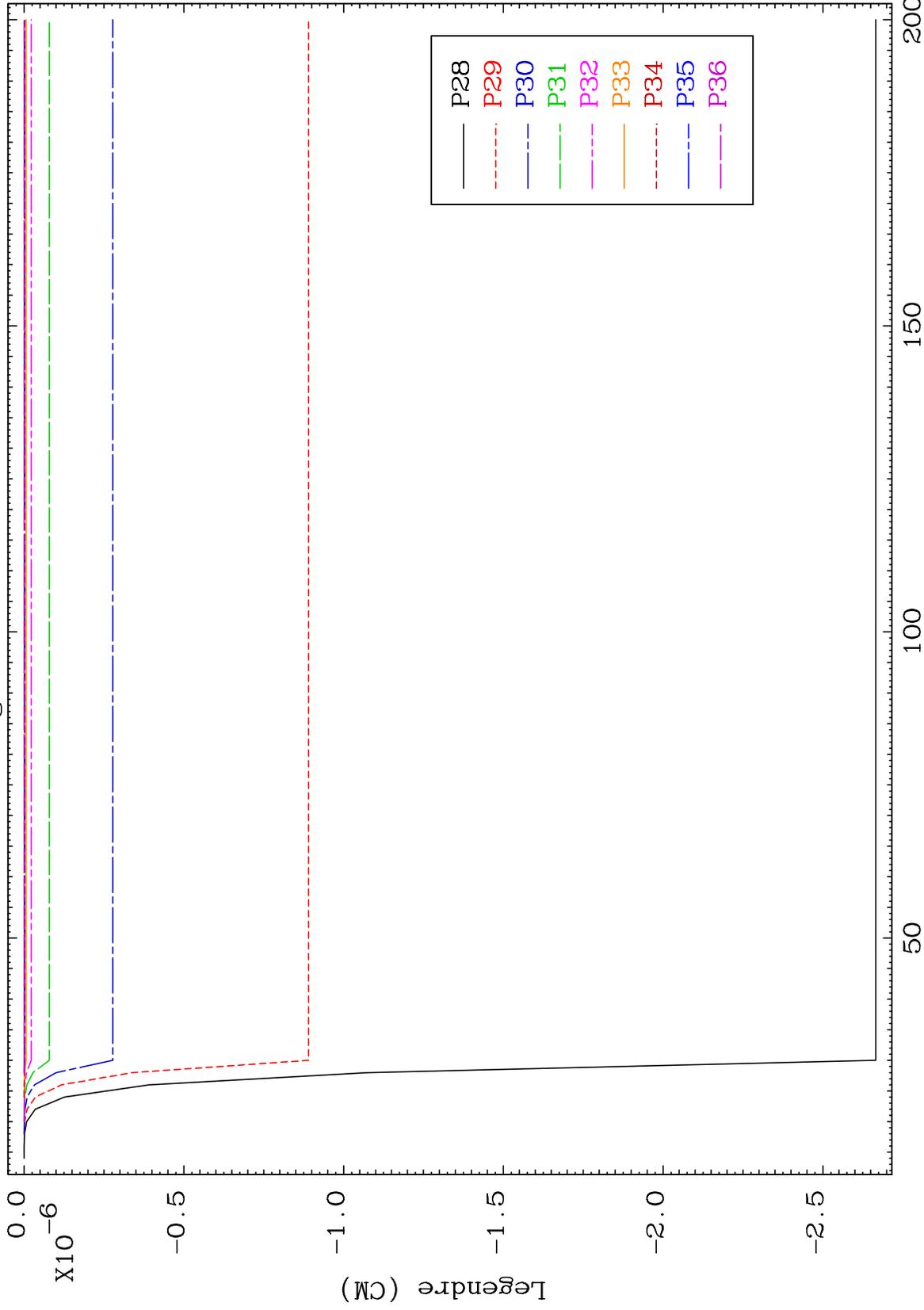
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



51

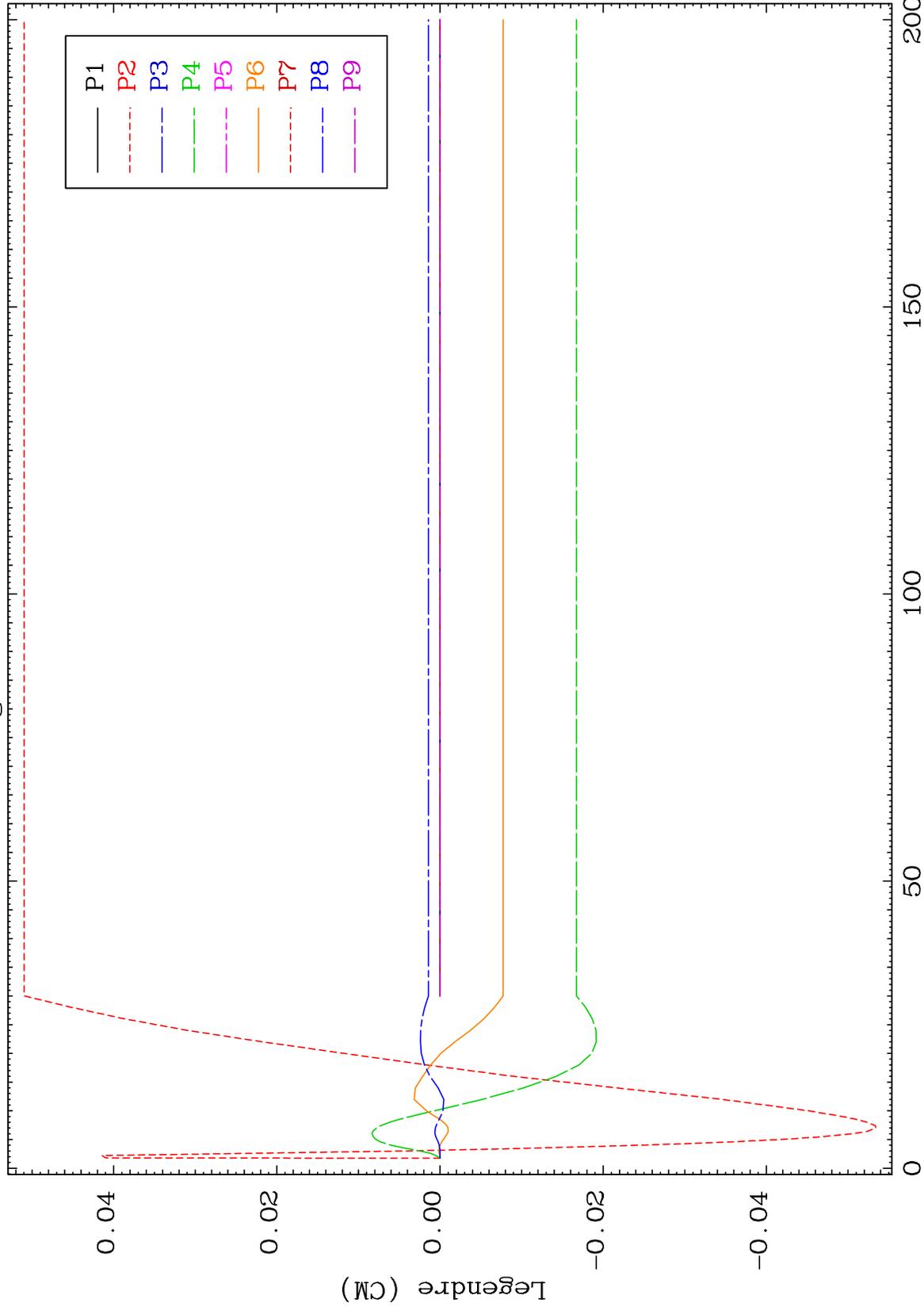
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



52

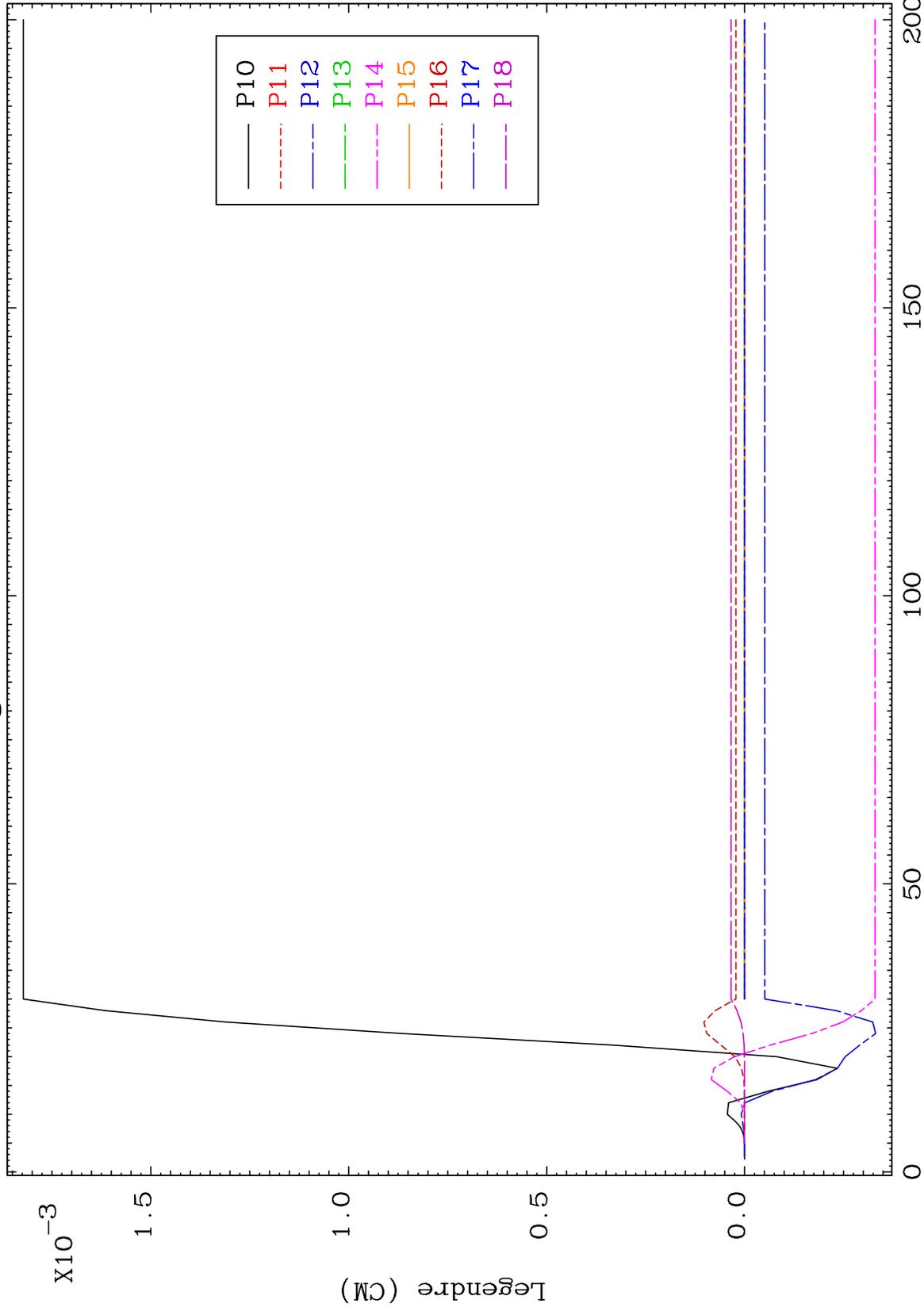
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



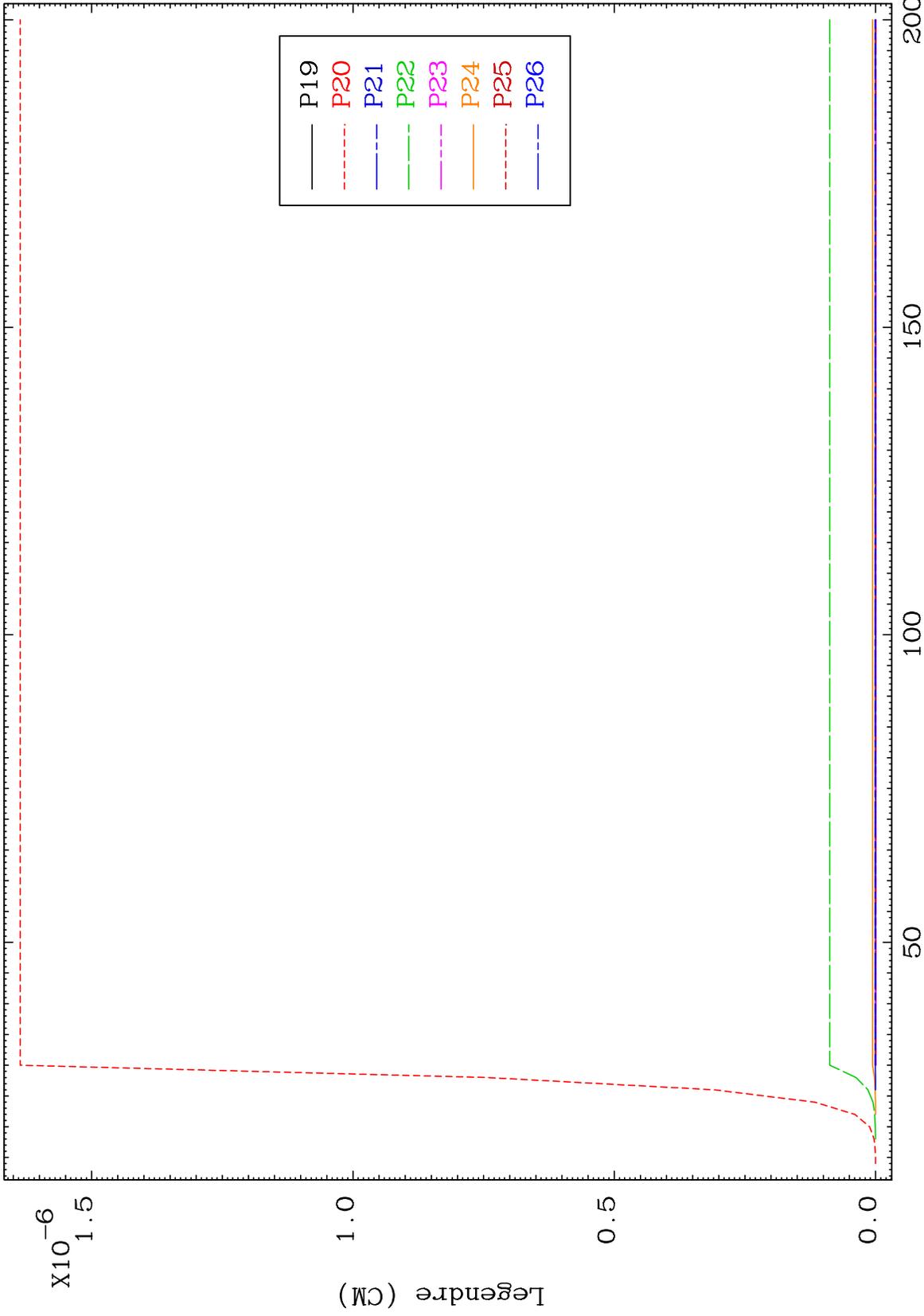
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46-Pd-116

MAT 4667

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

46-Pd-116



54

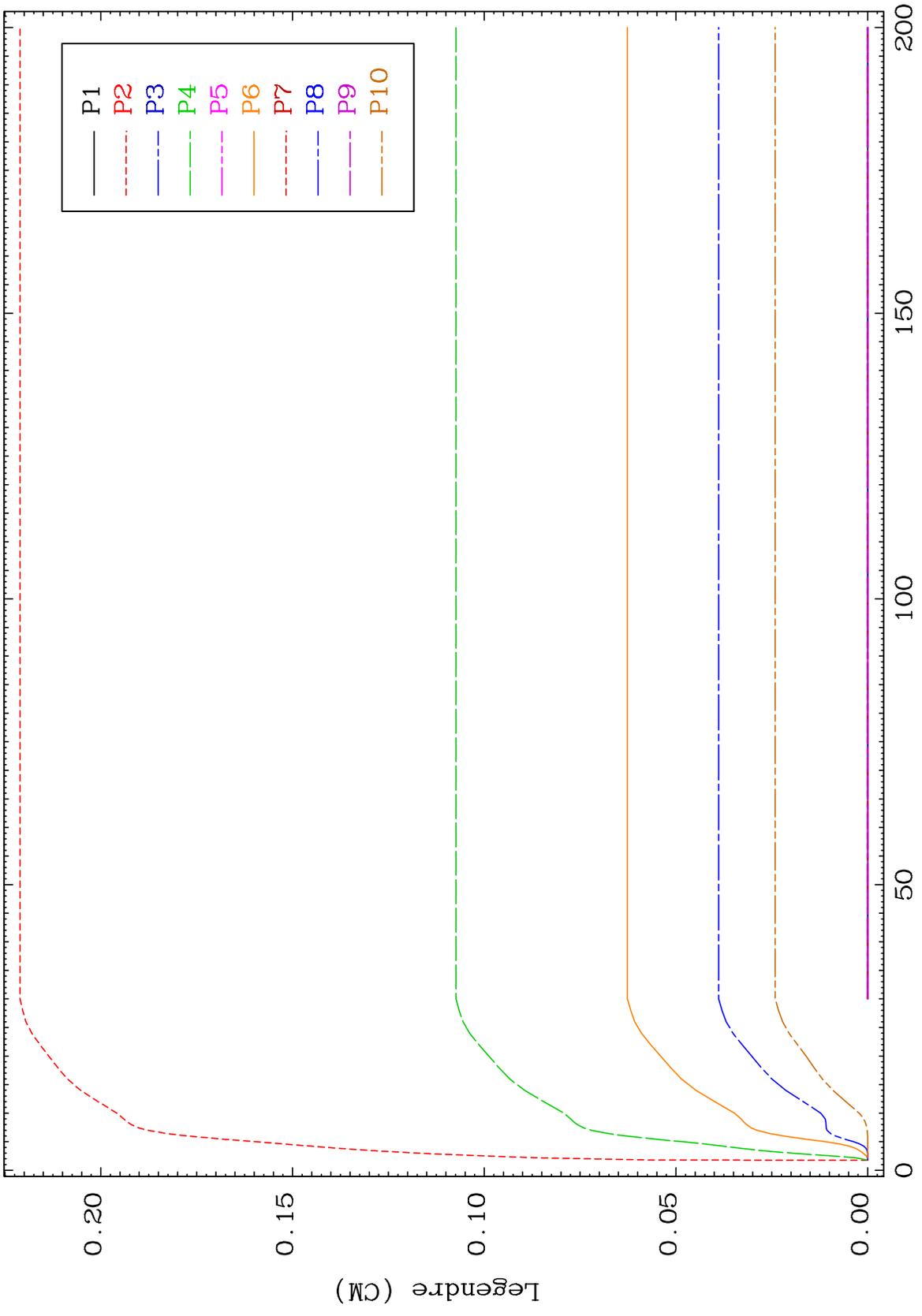
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



55

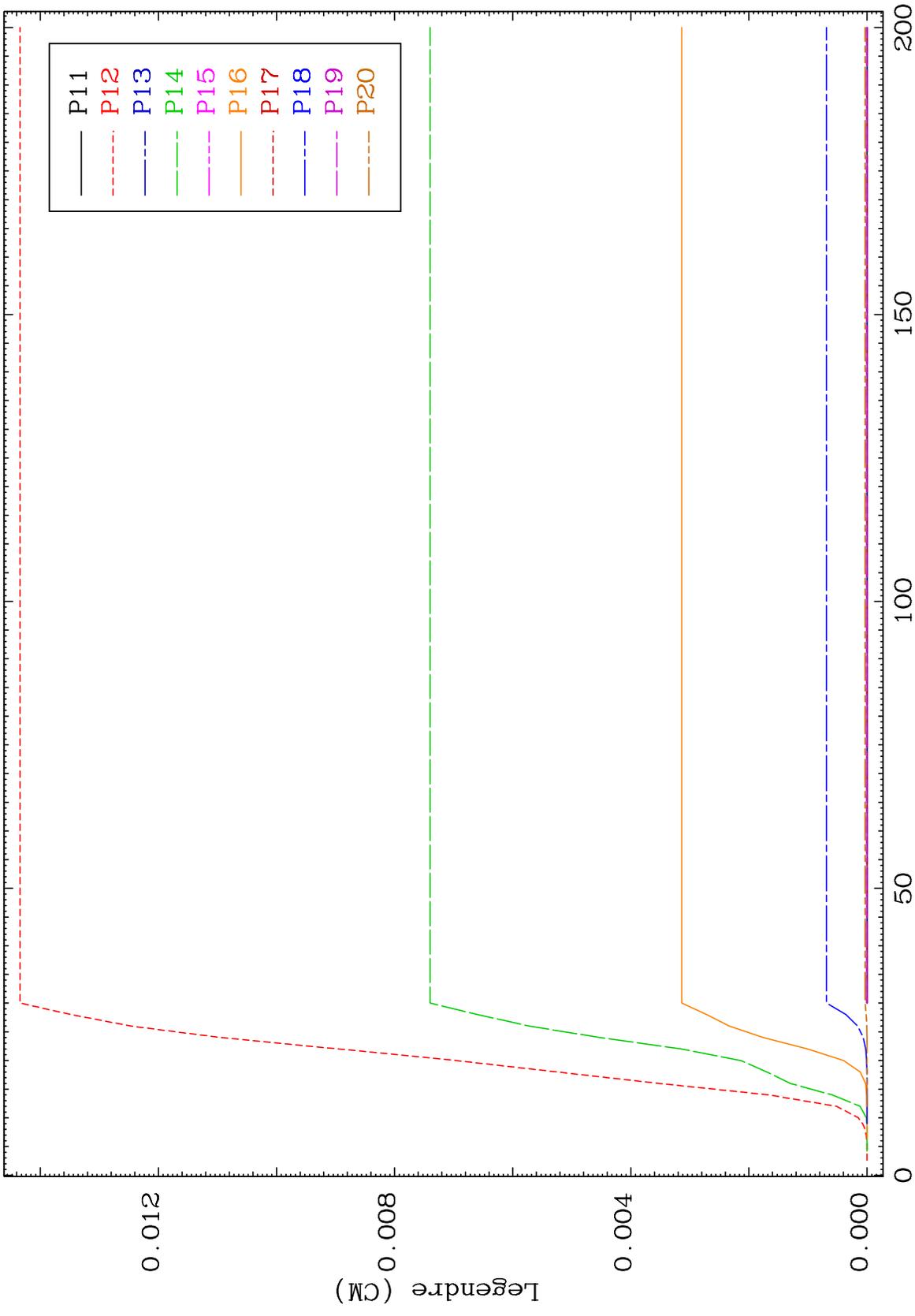
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



56

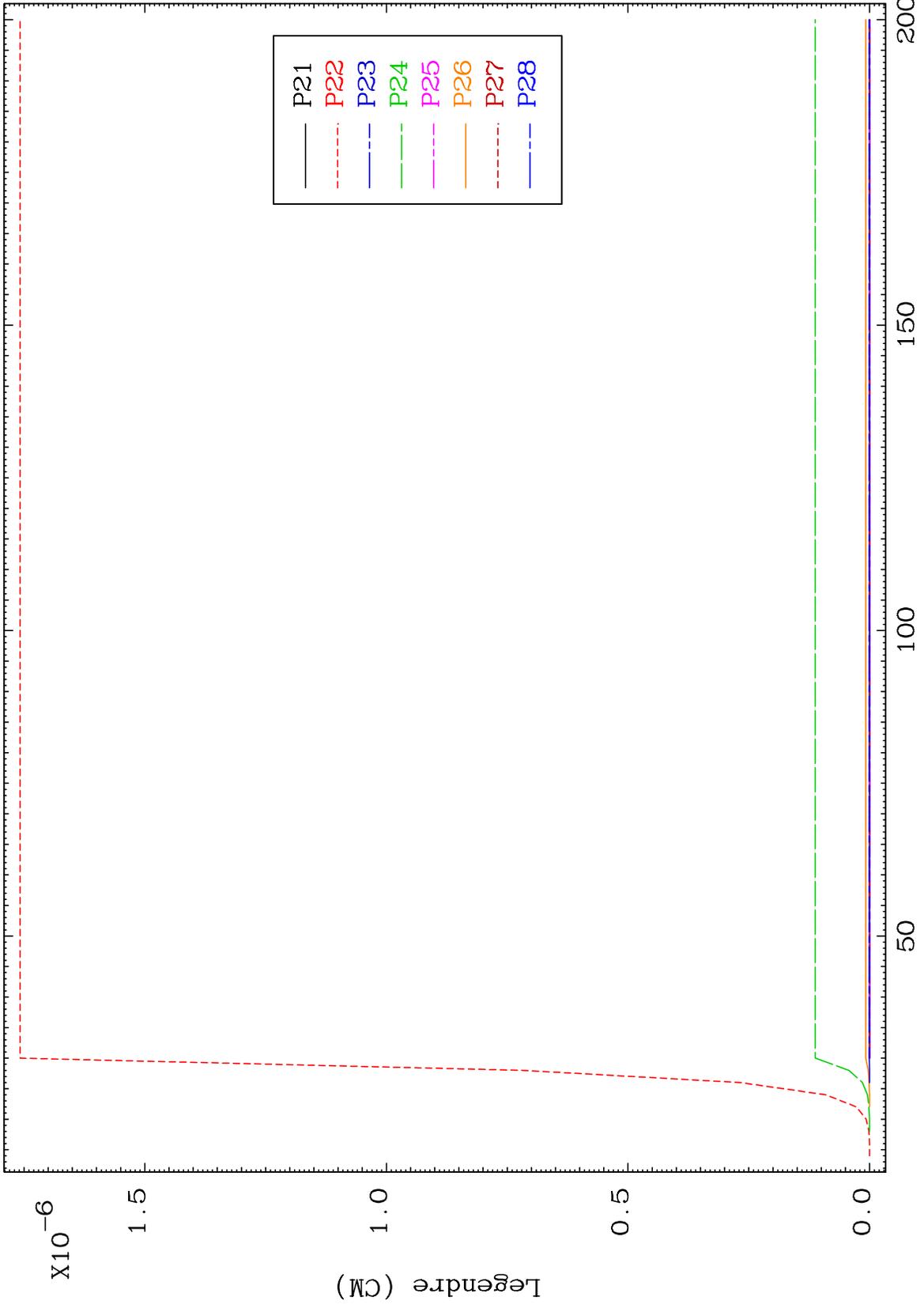
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



57

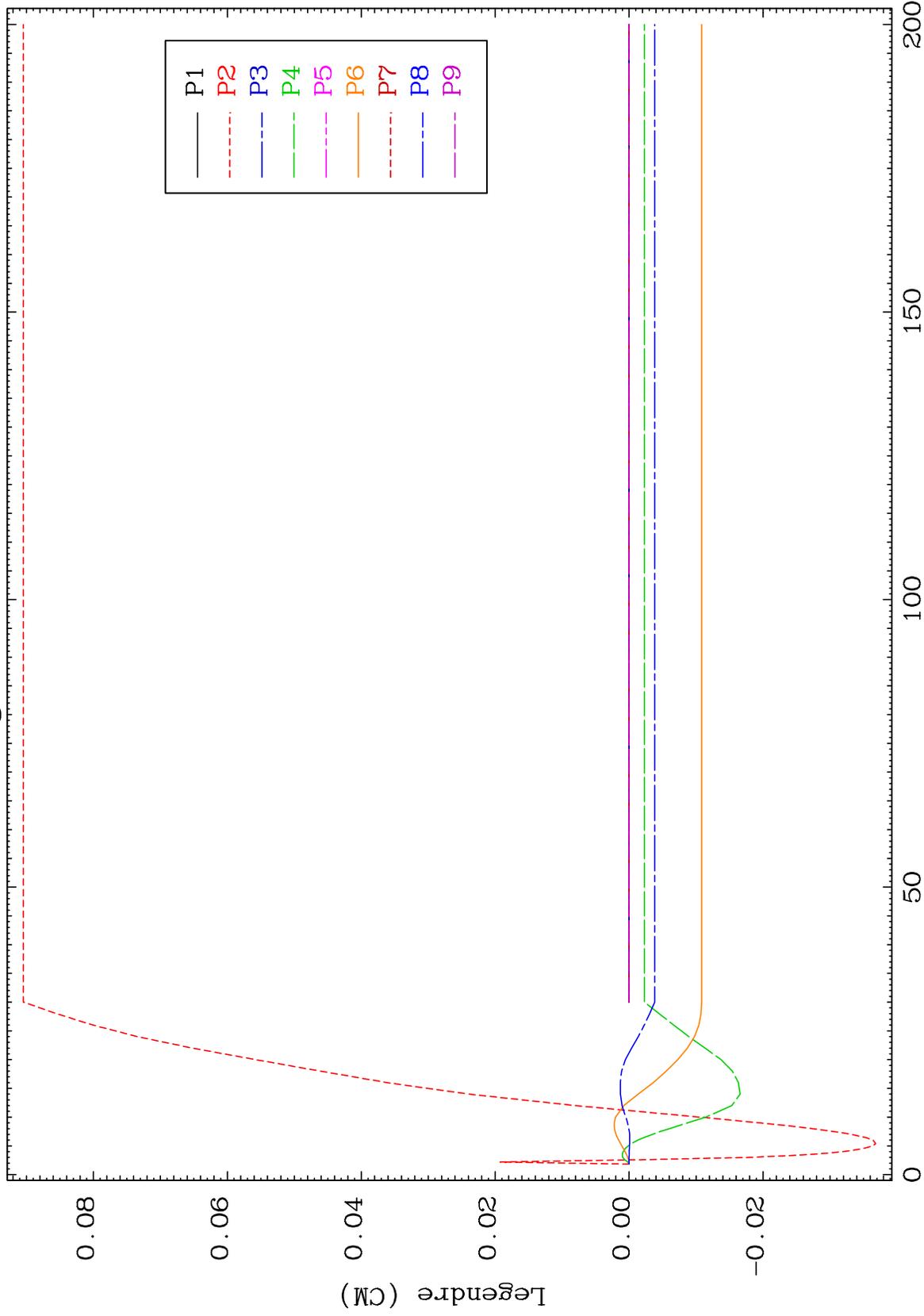
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



58

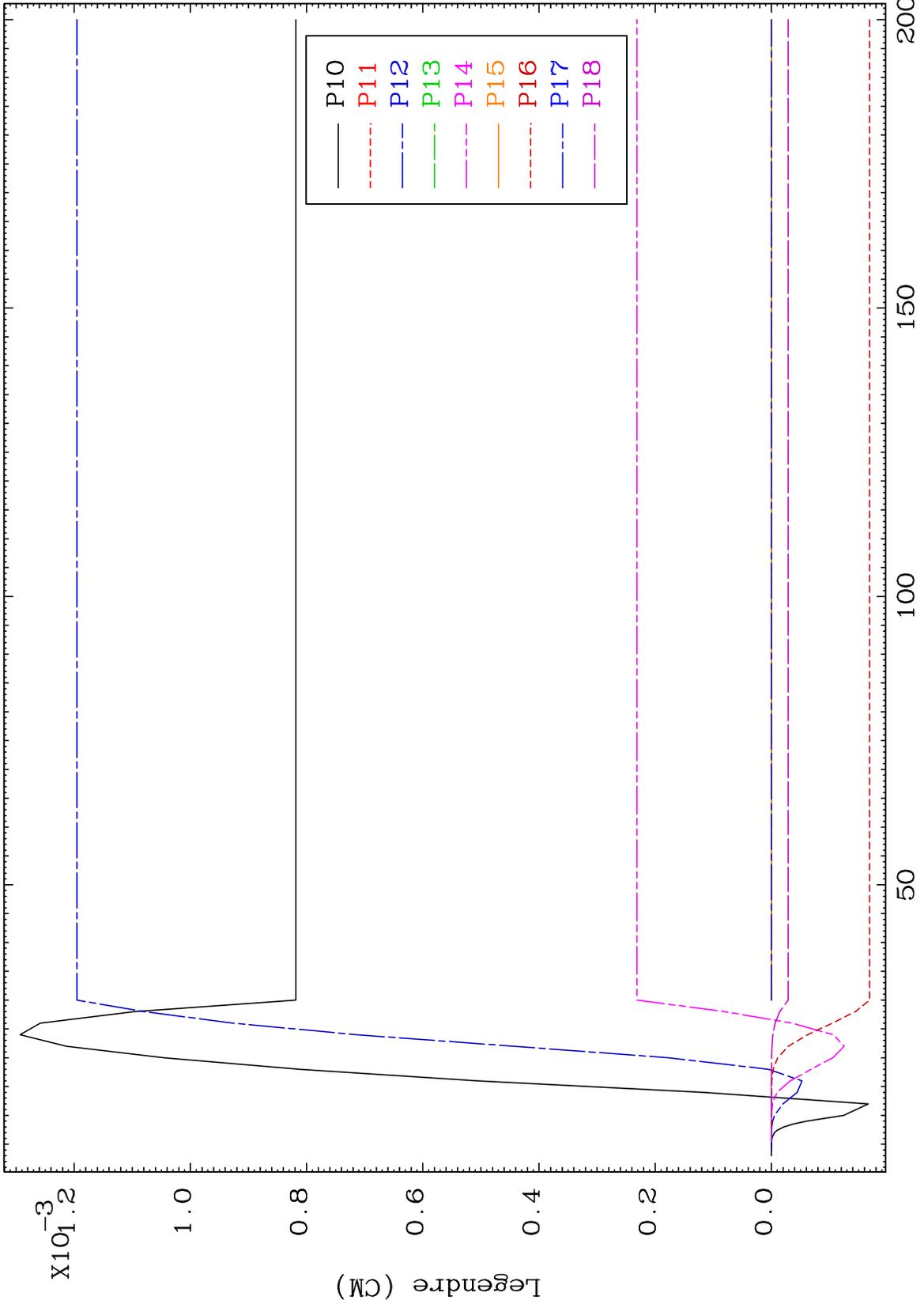
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



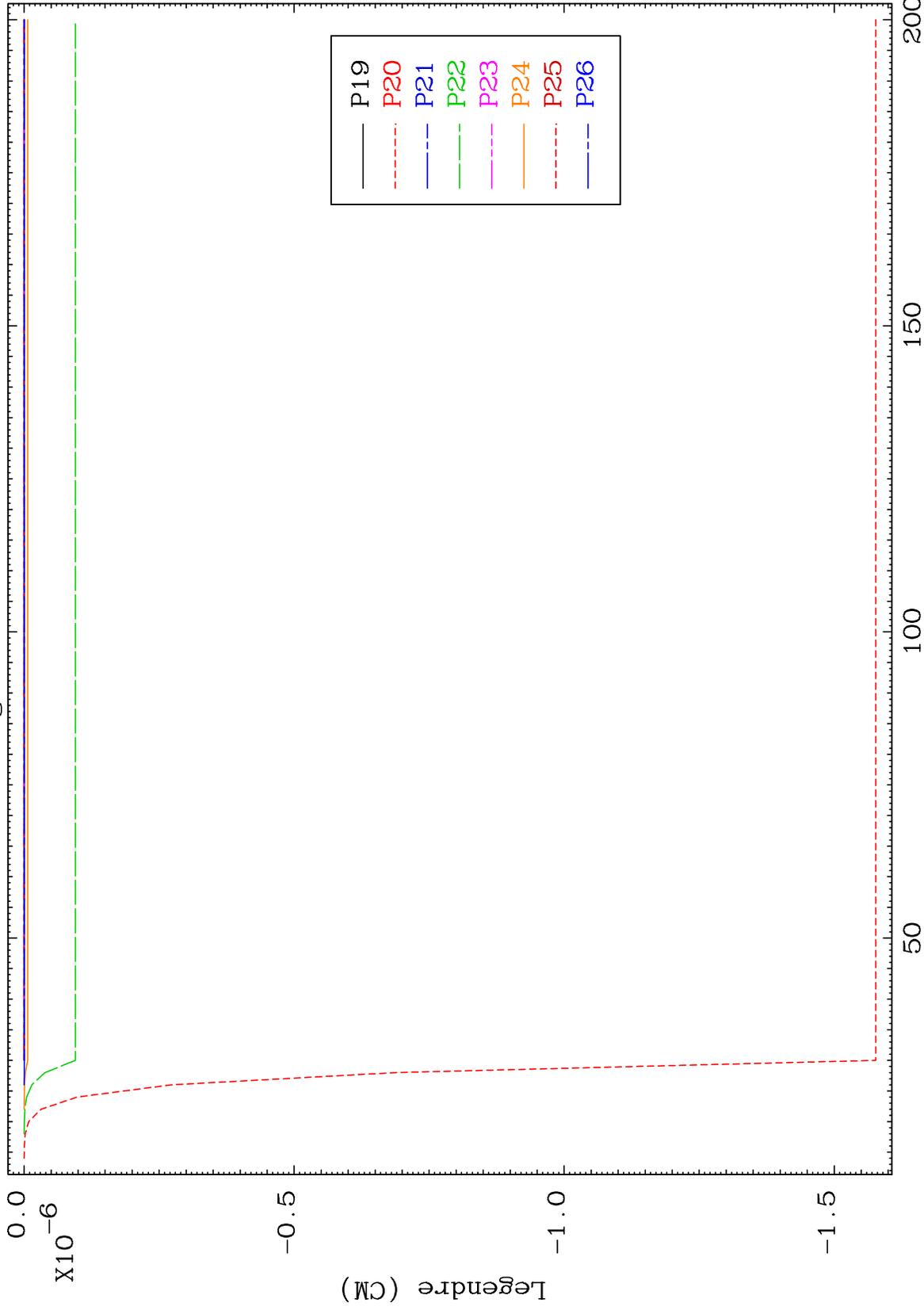
59

46-Pd-116

MAT 4667

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

46-Pd-116



60

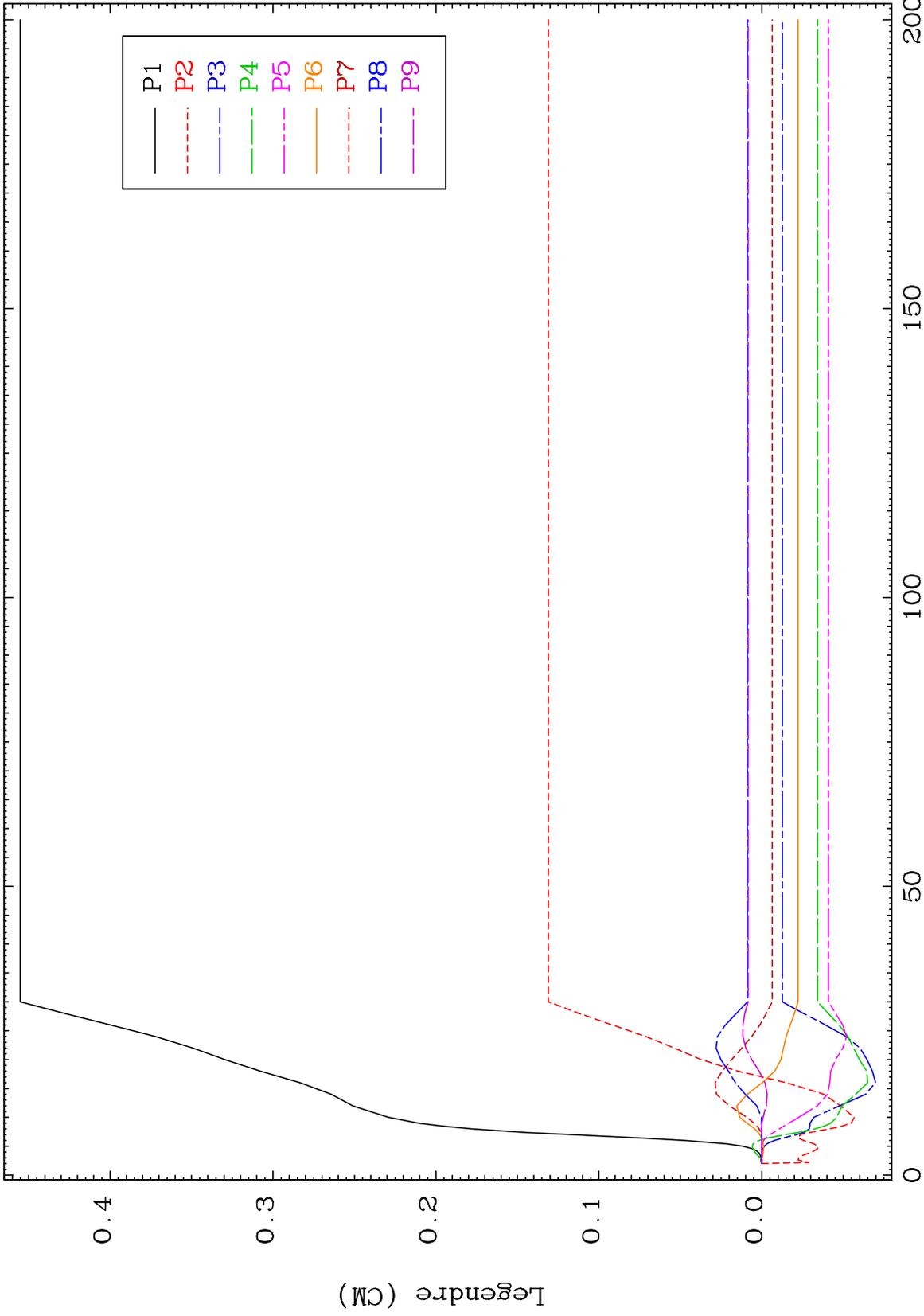
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



61

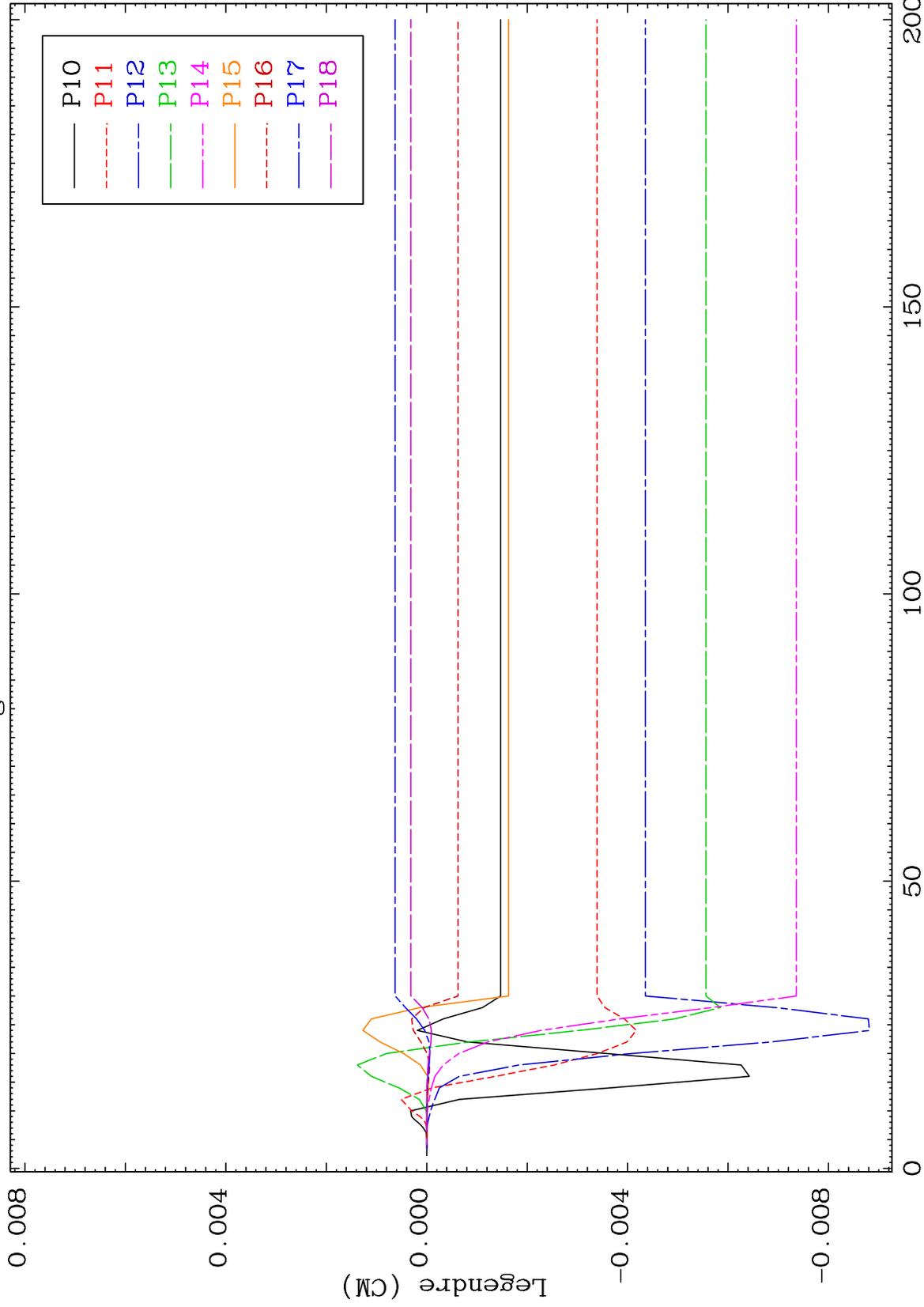
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



62

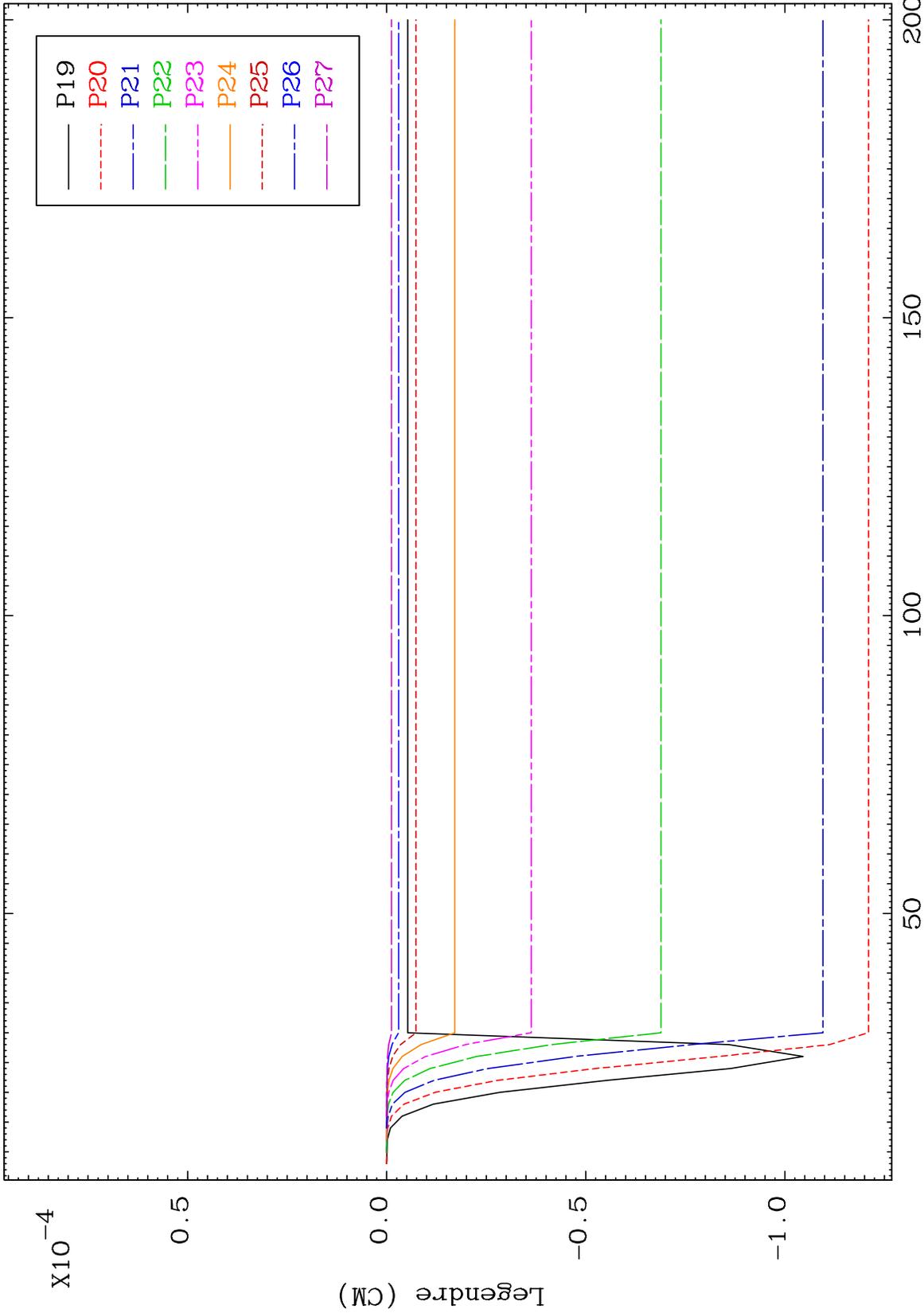
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



63

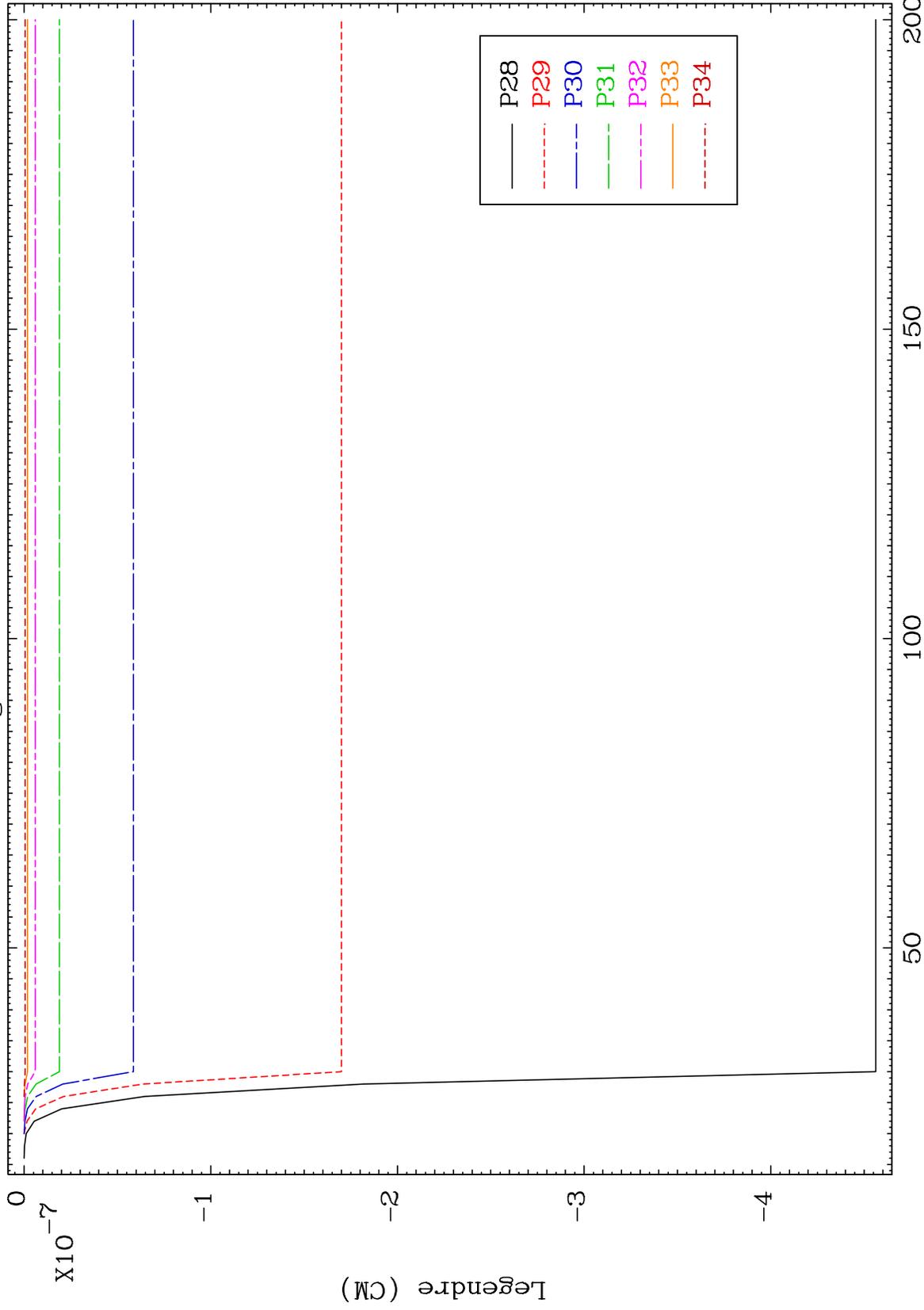
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



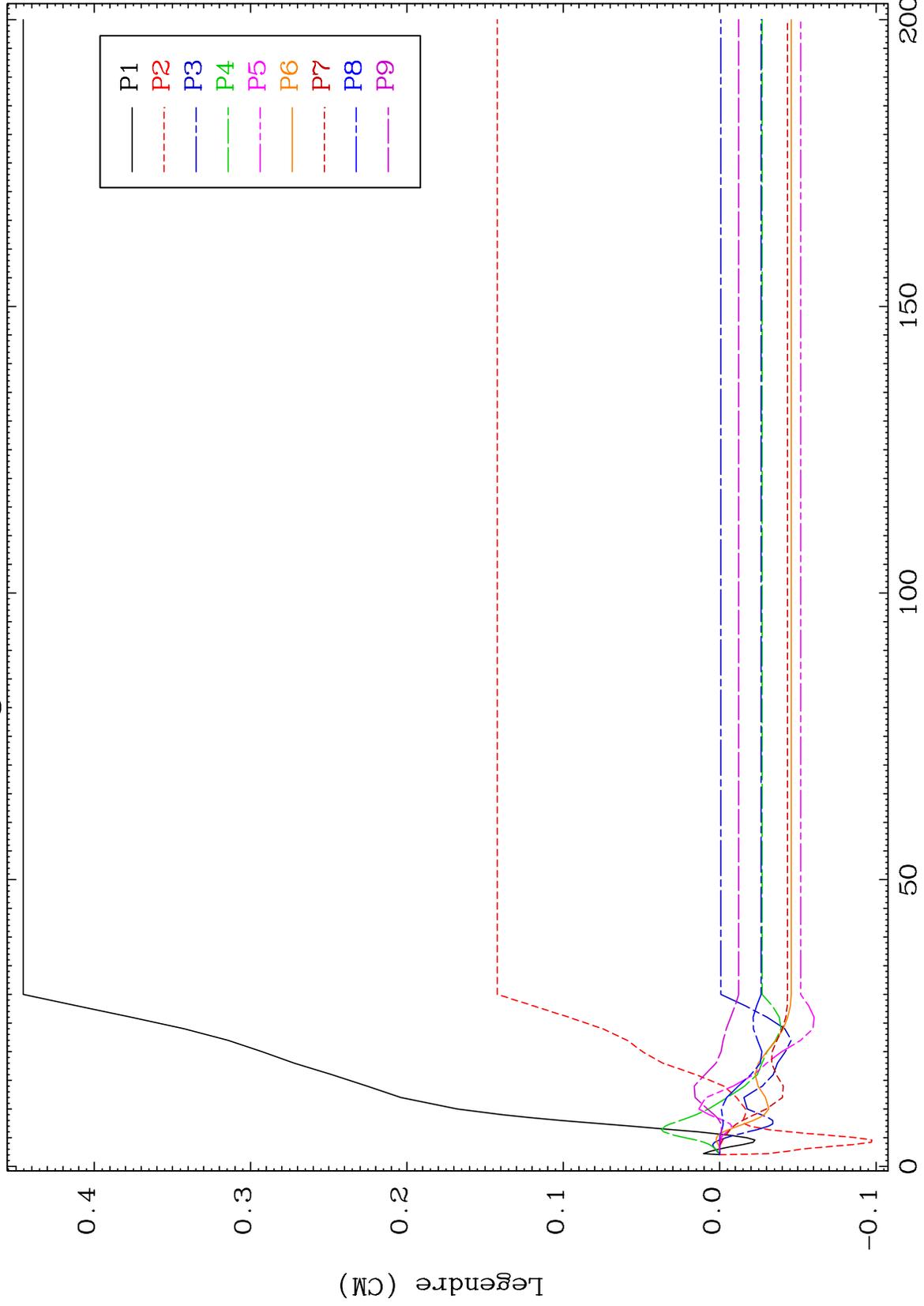
64

46-Pd-116

MAT 4667

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

46-Pd-116



65

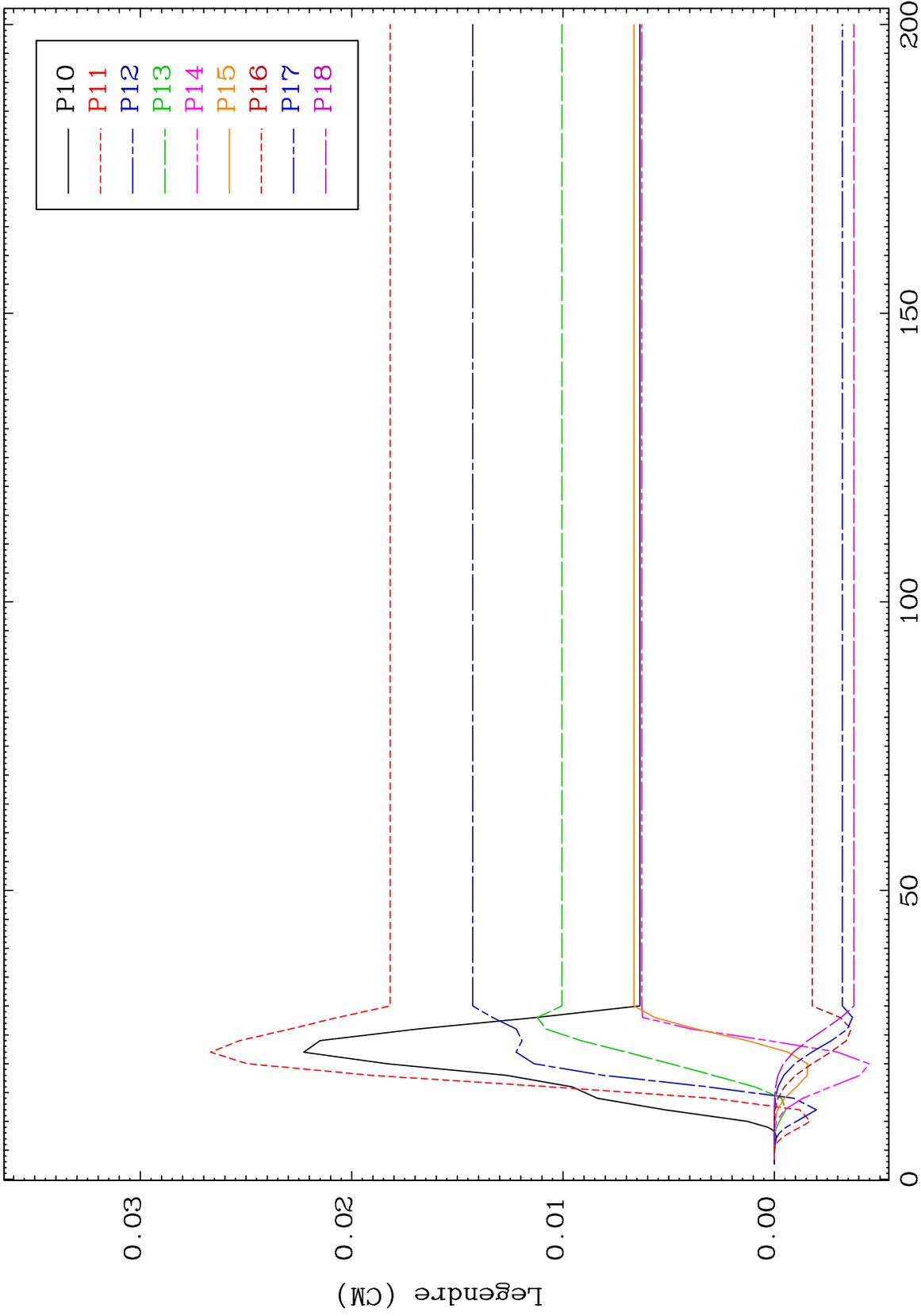
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



66

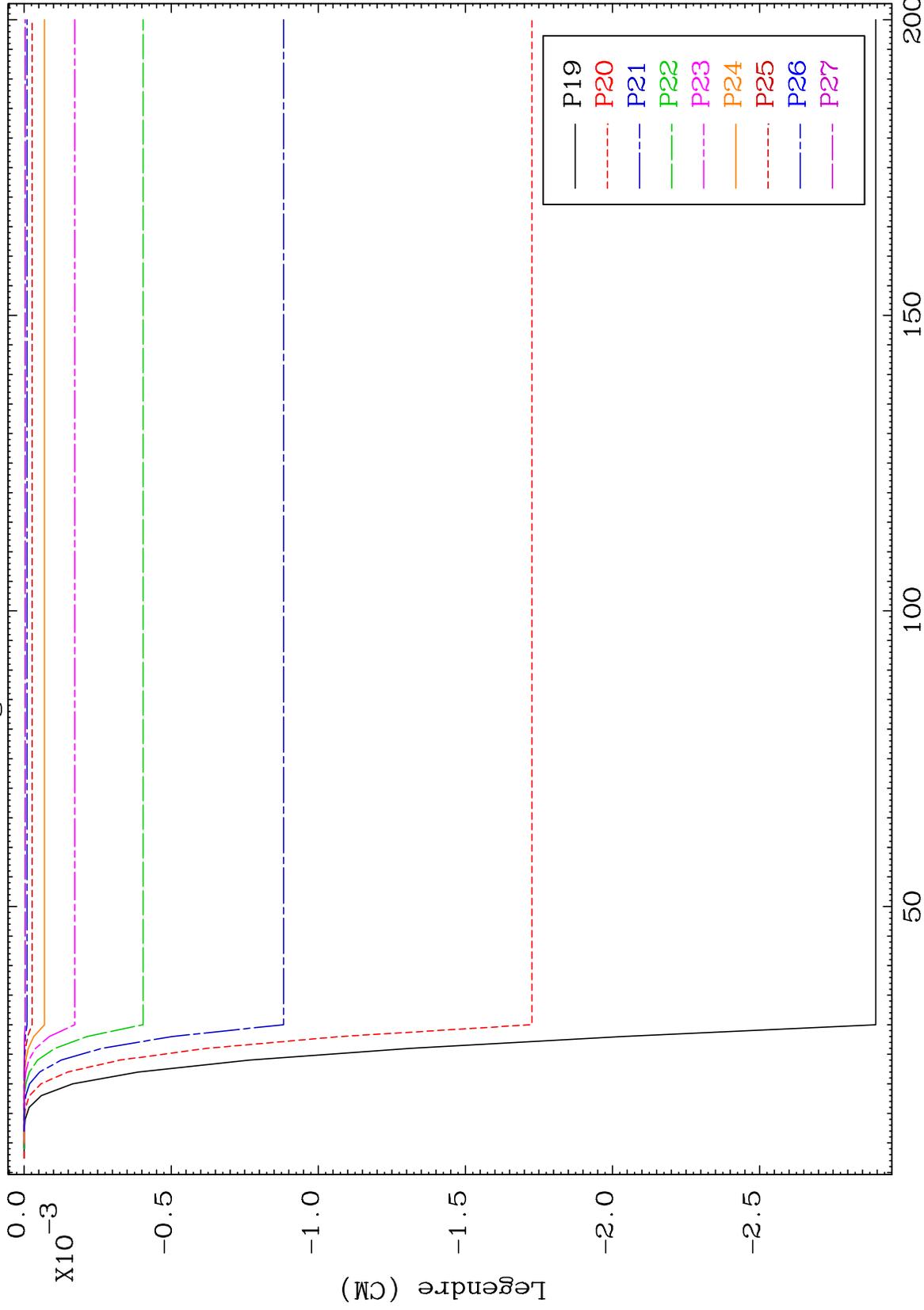
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



67

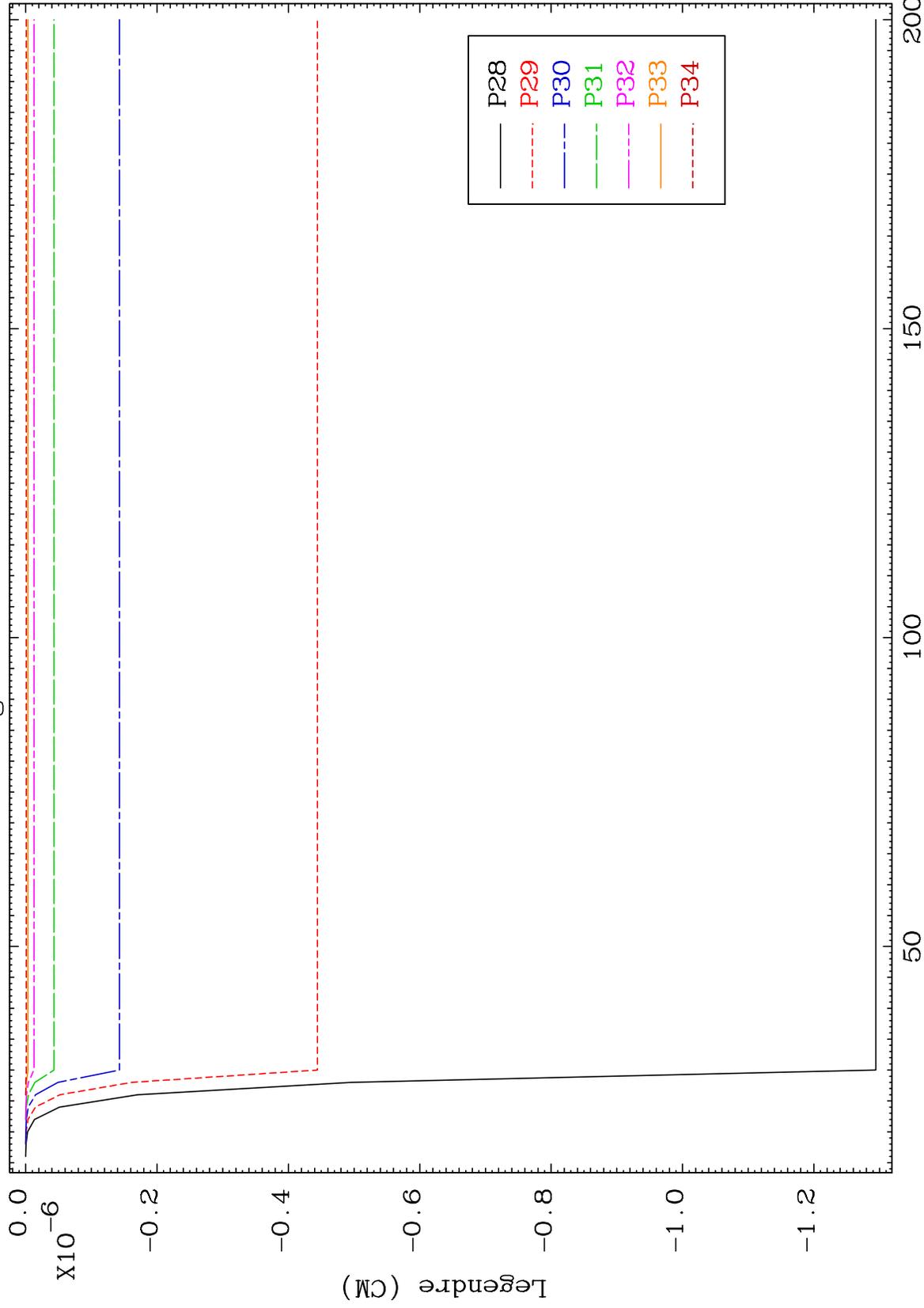
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



68

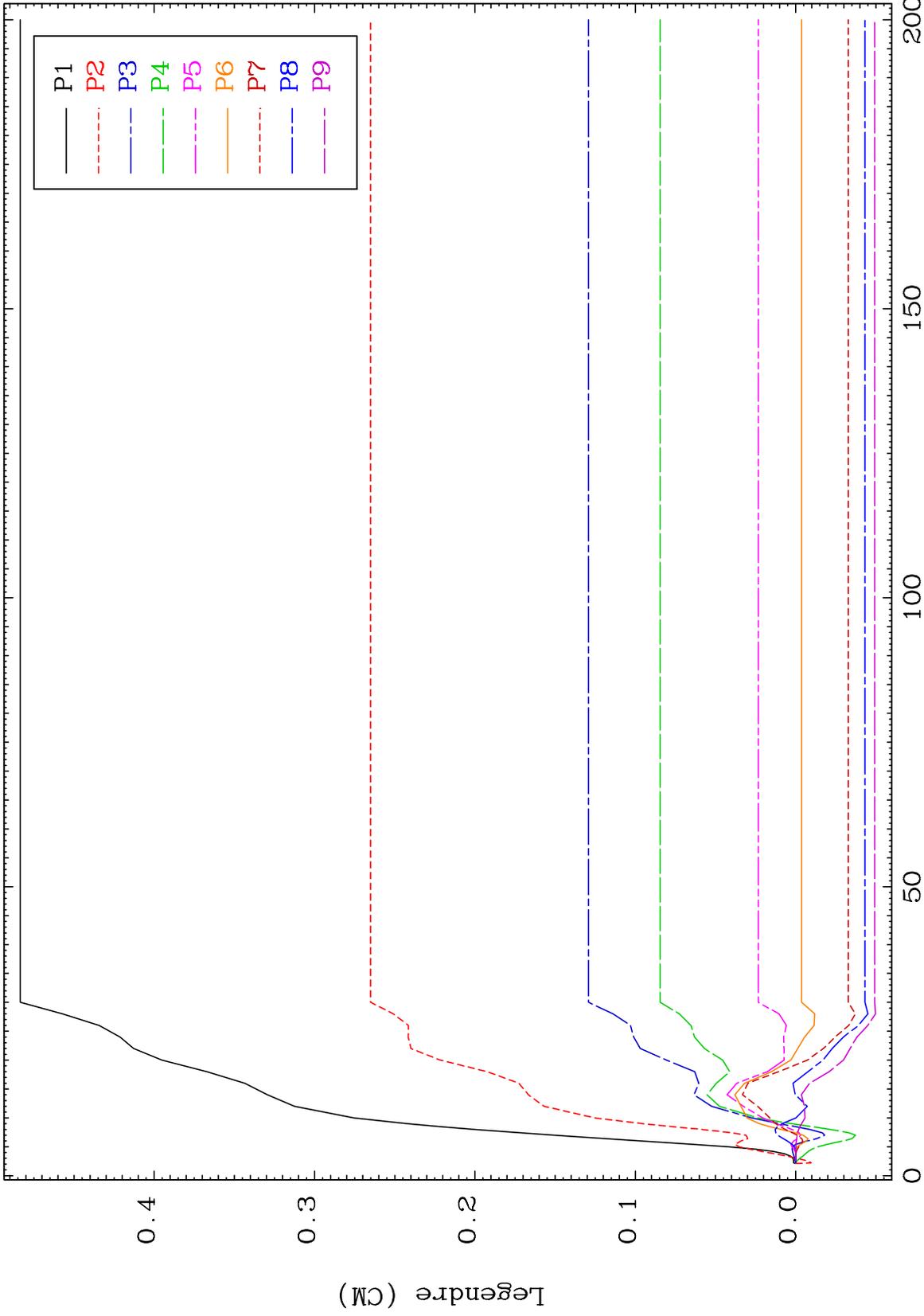
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



69

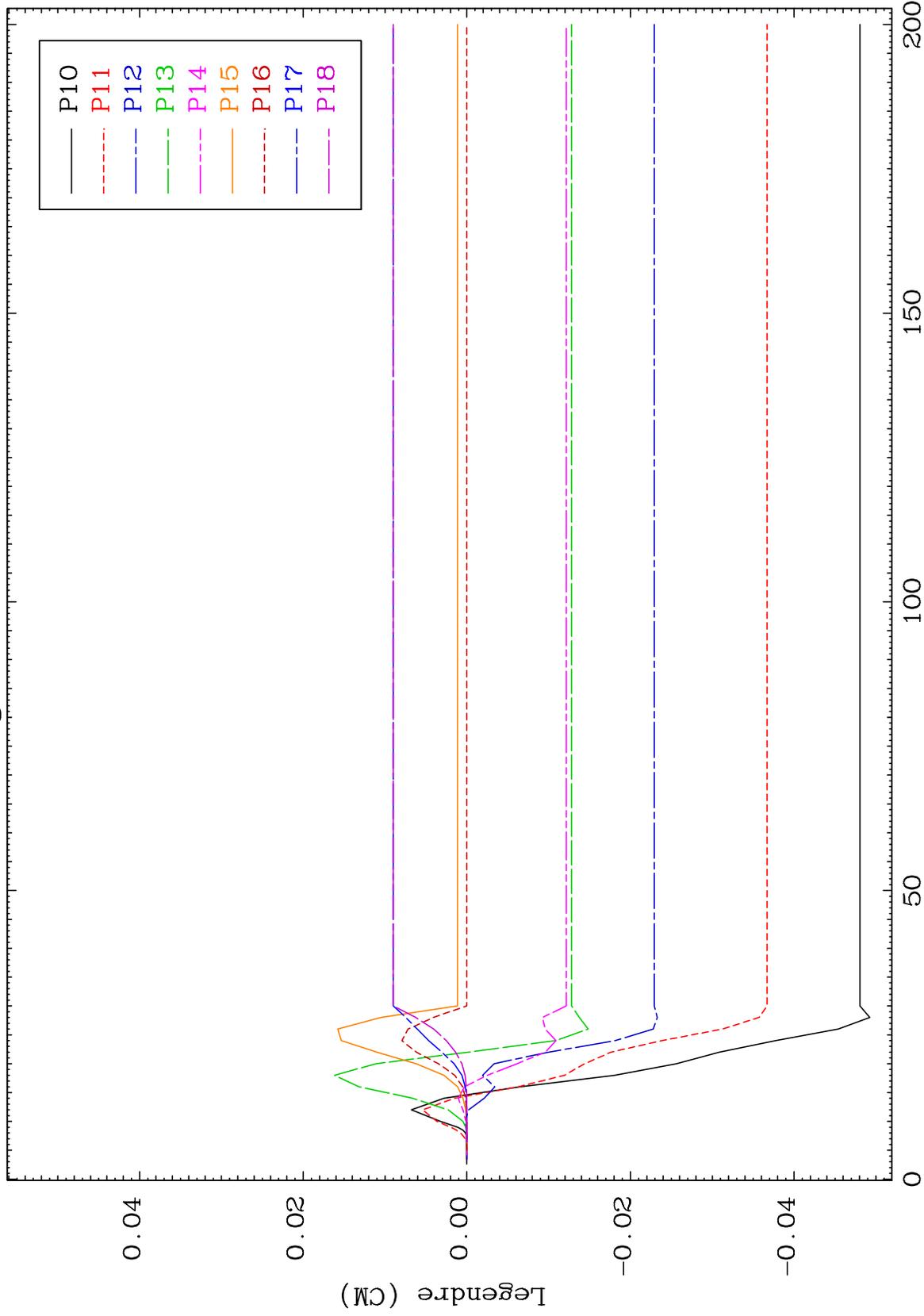
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



70

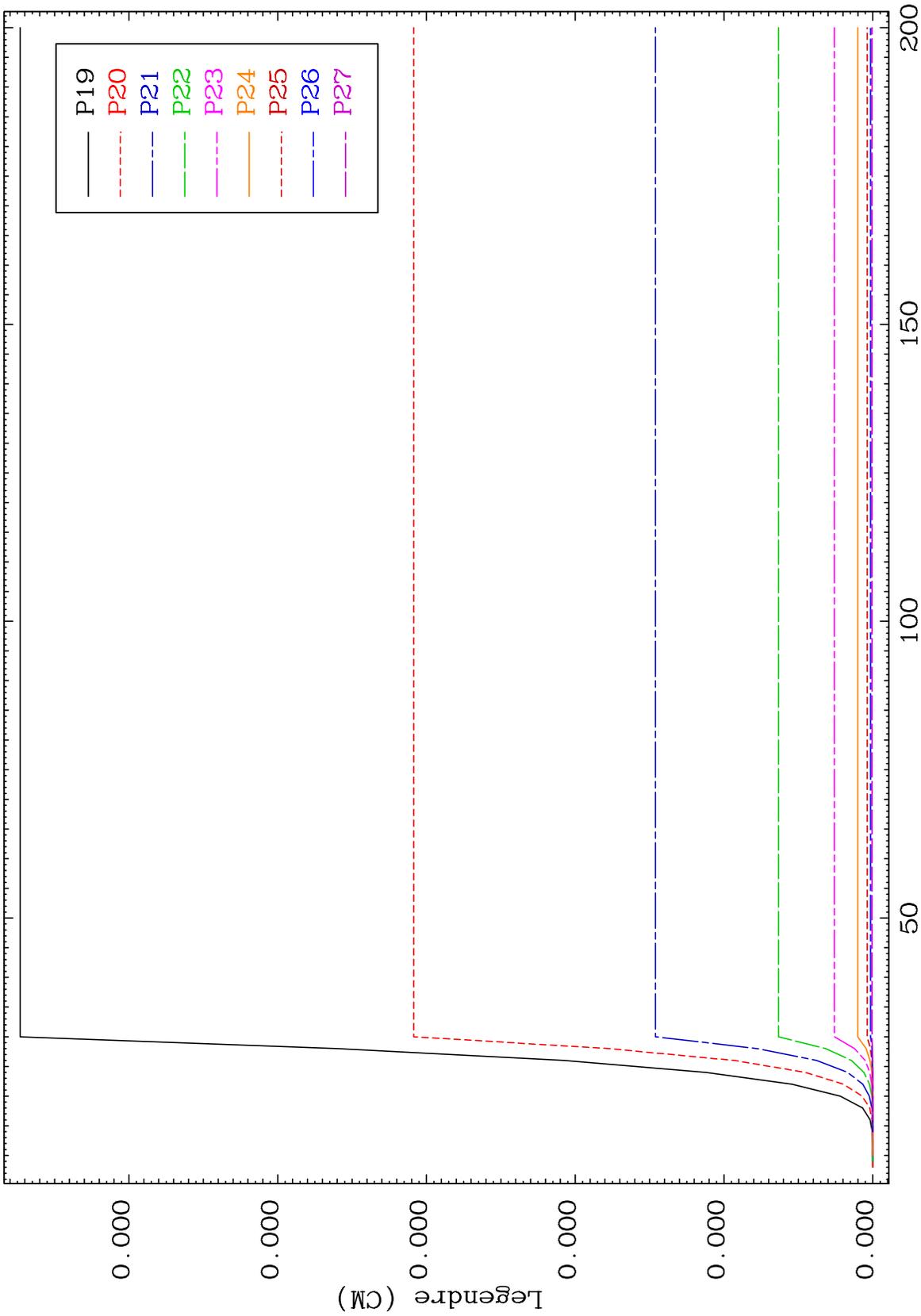
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



71

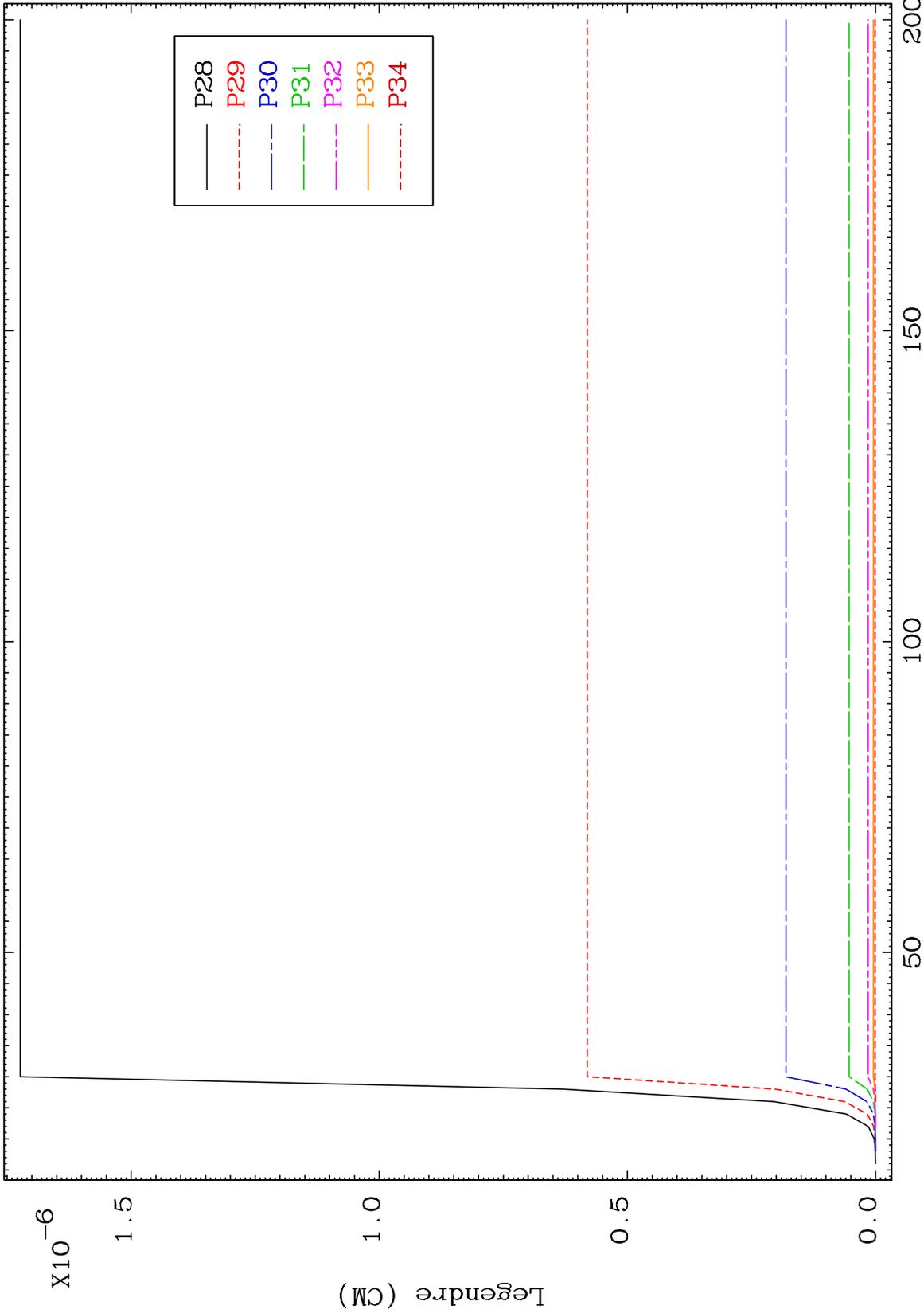
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



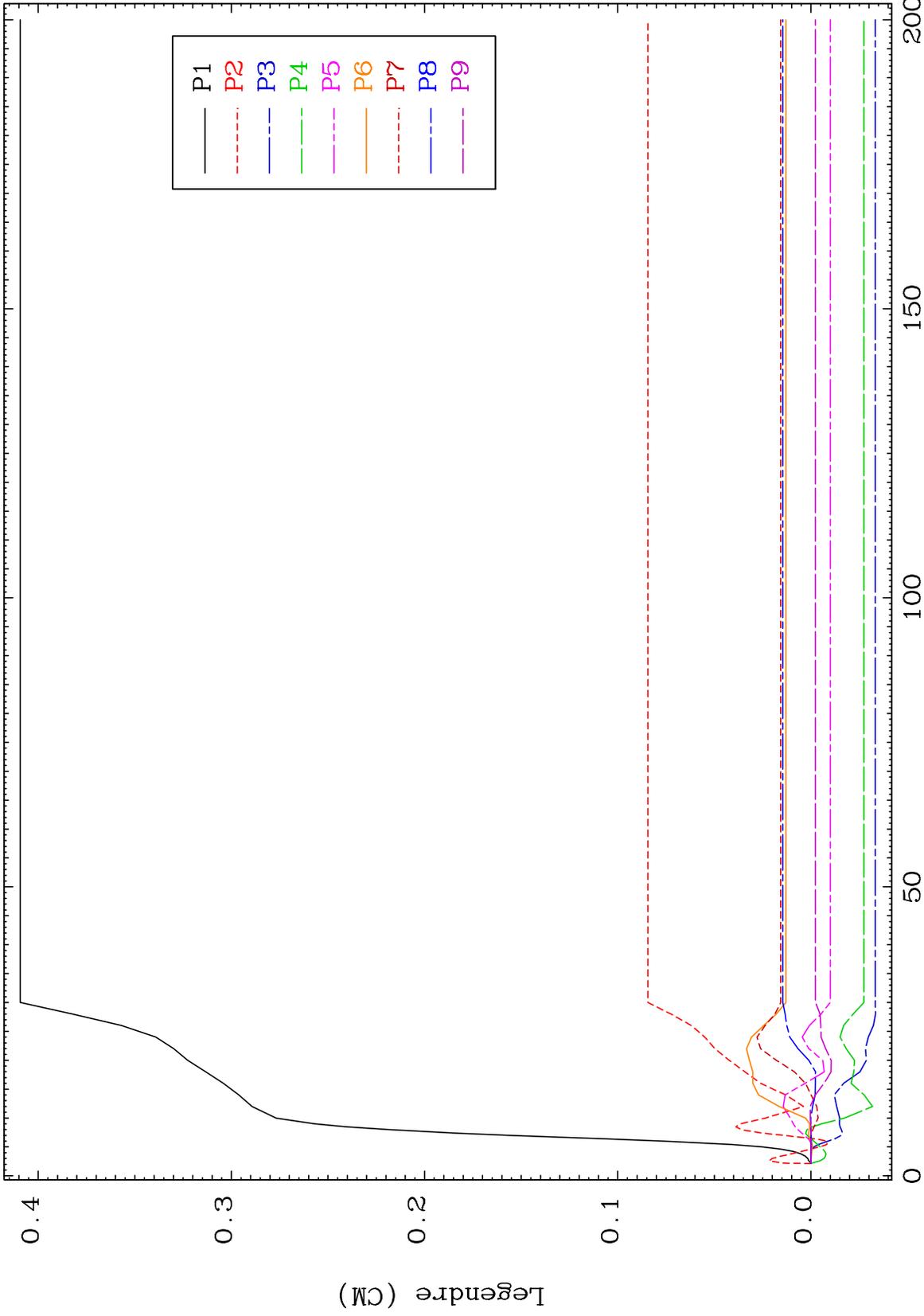
72

46-Pd-116

MAT 4667

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

46-Pd-116



73

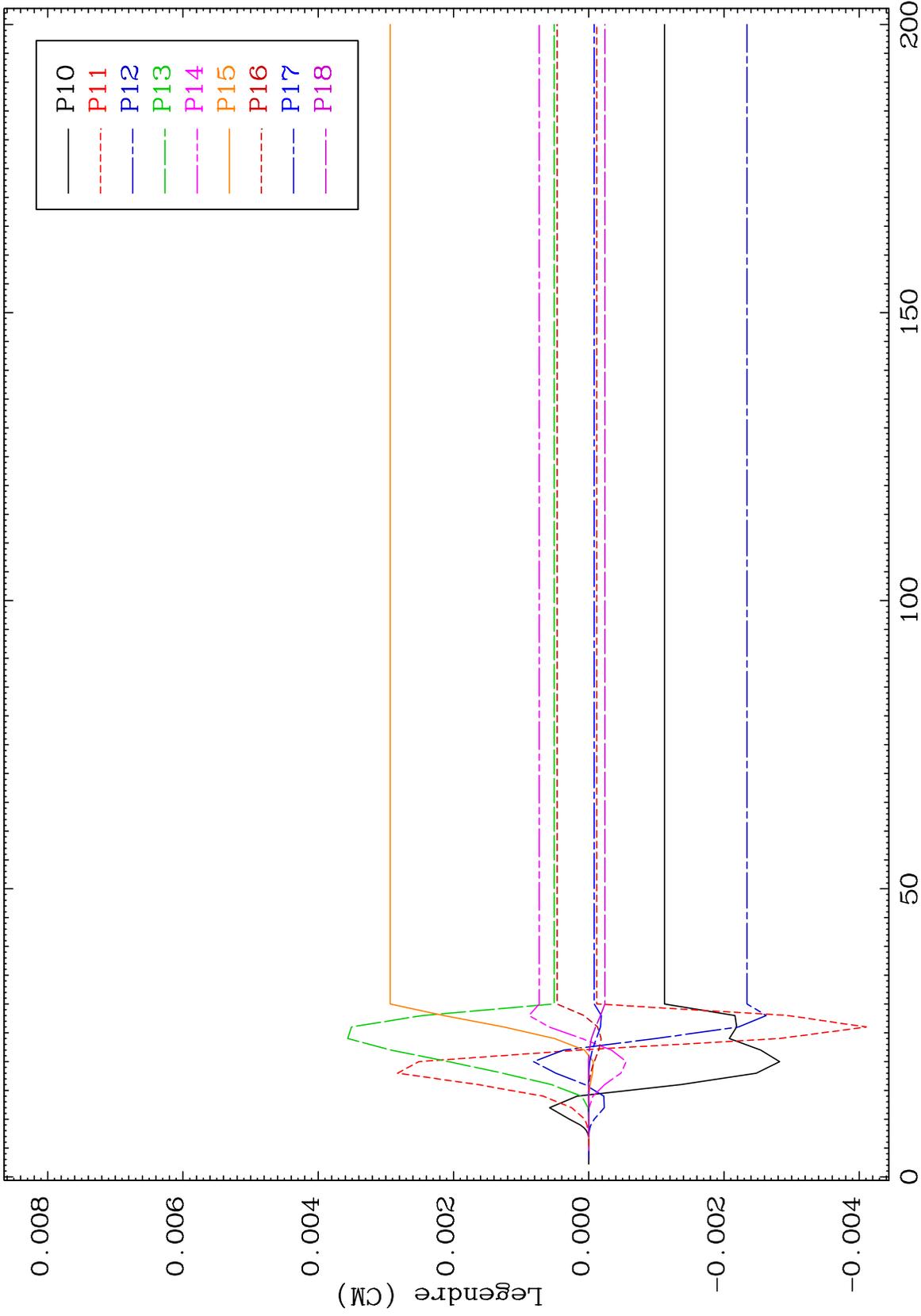
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



74

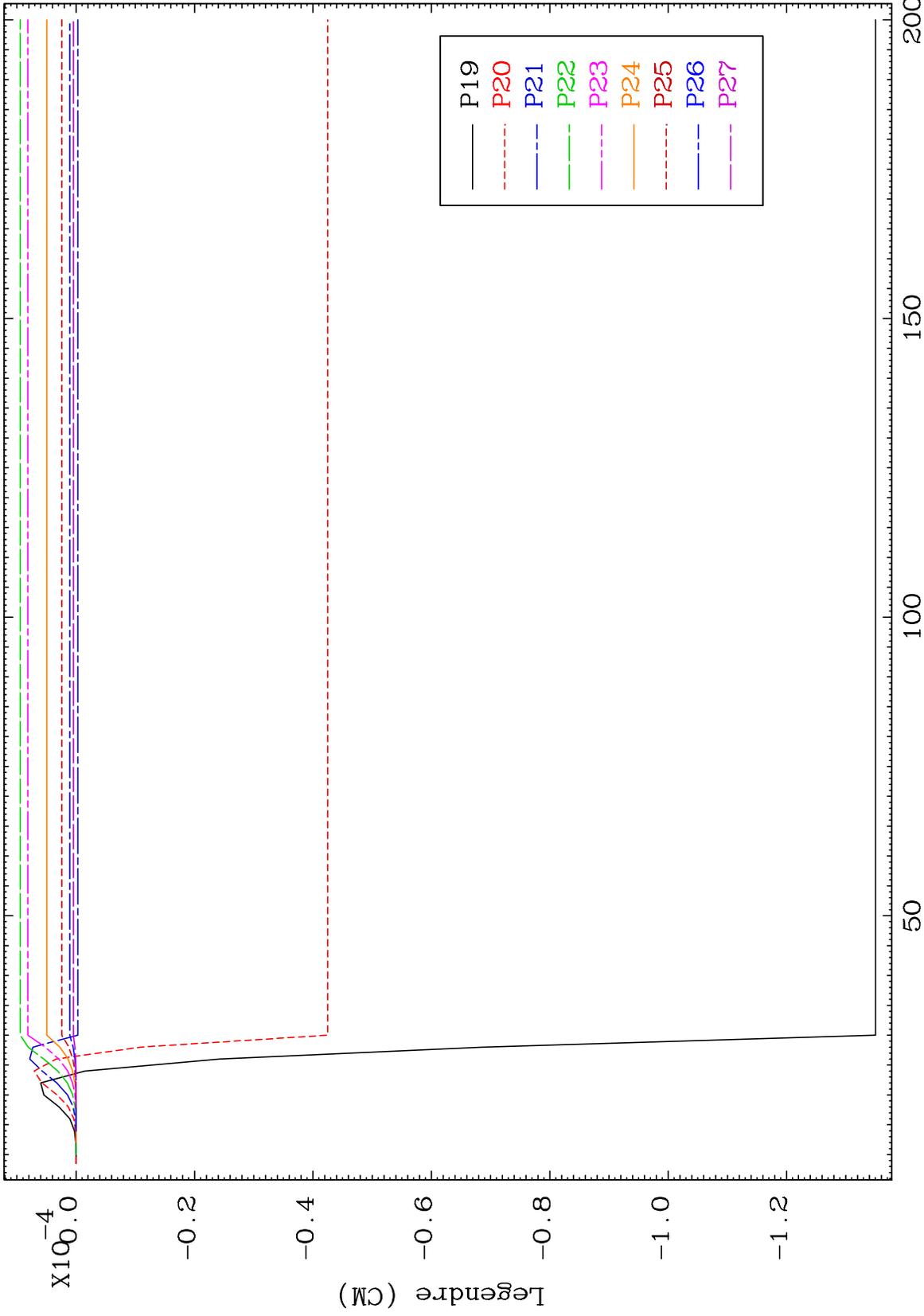
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



75

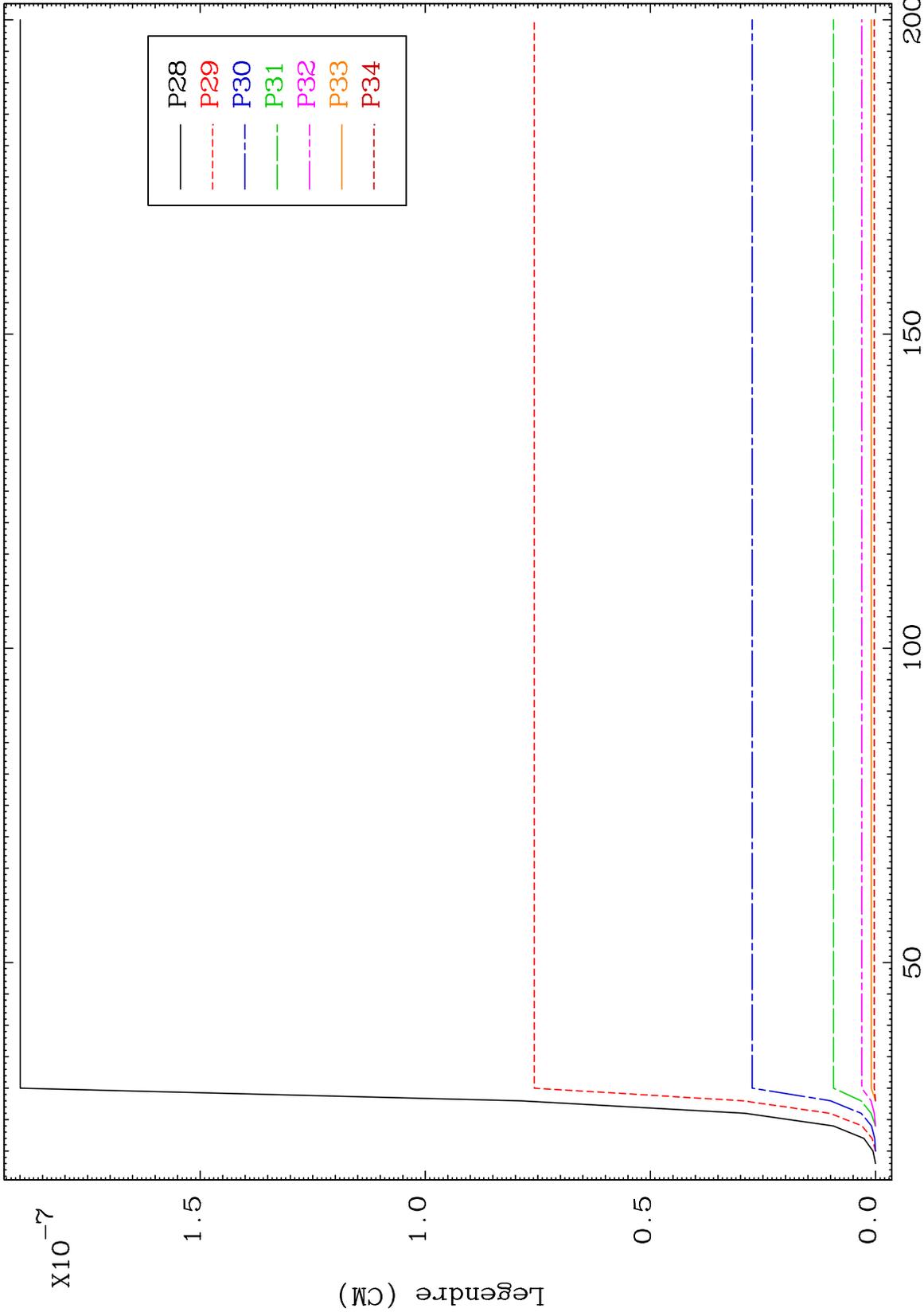
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



76

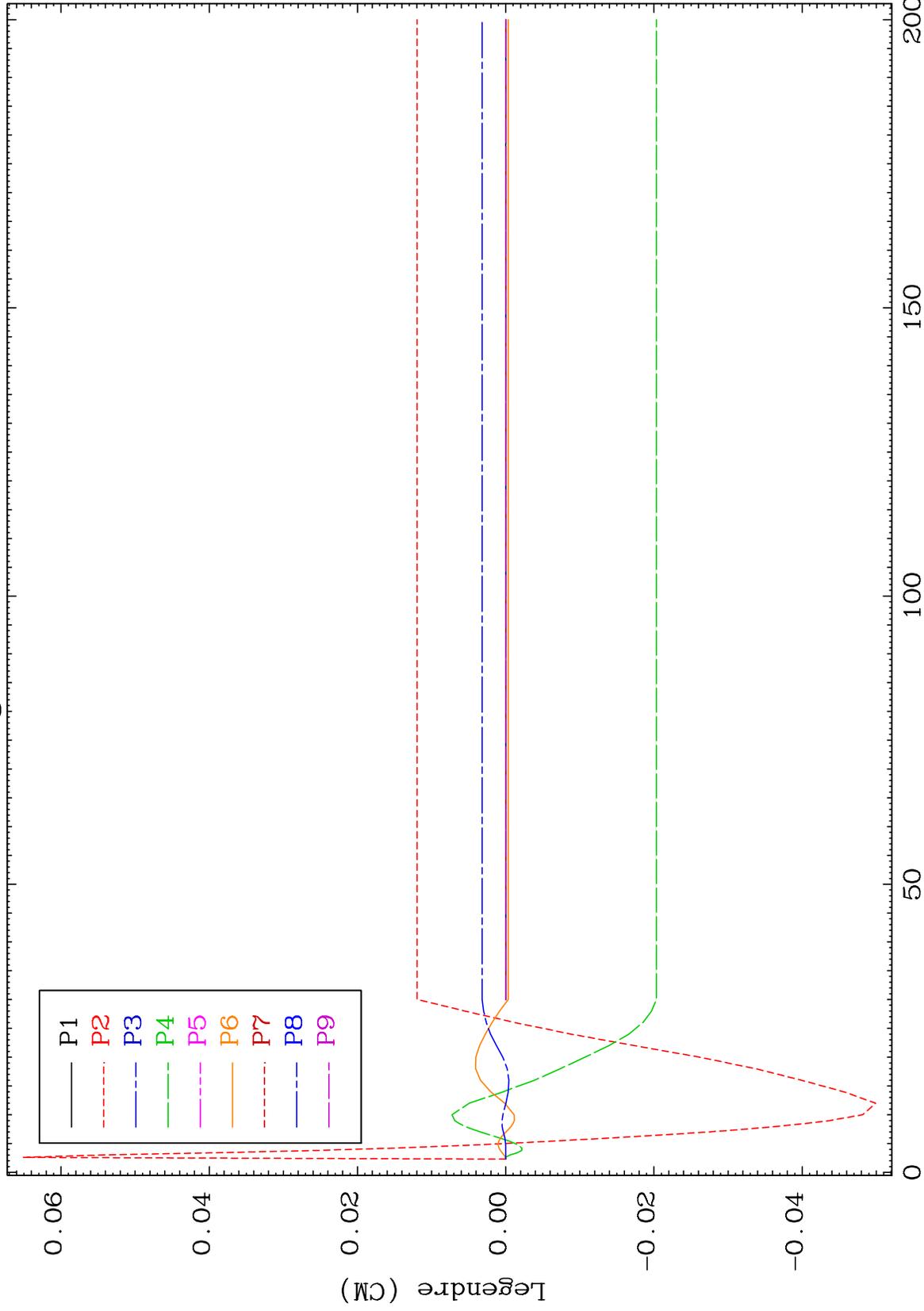
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



77

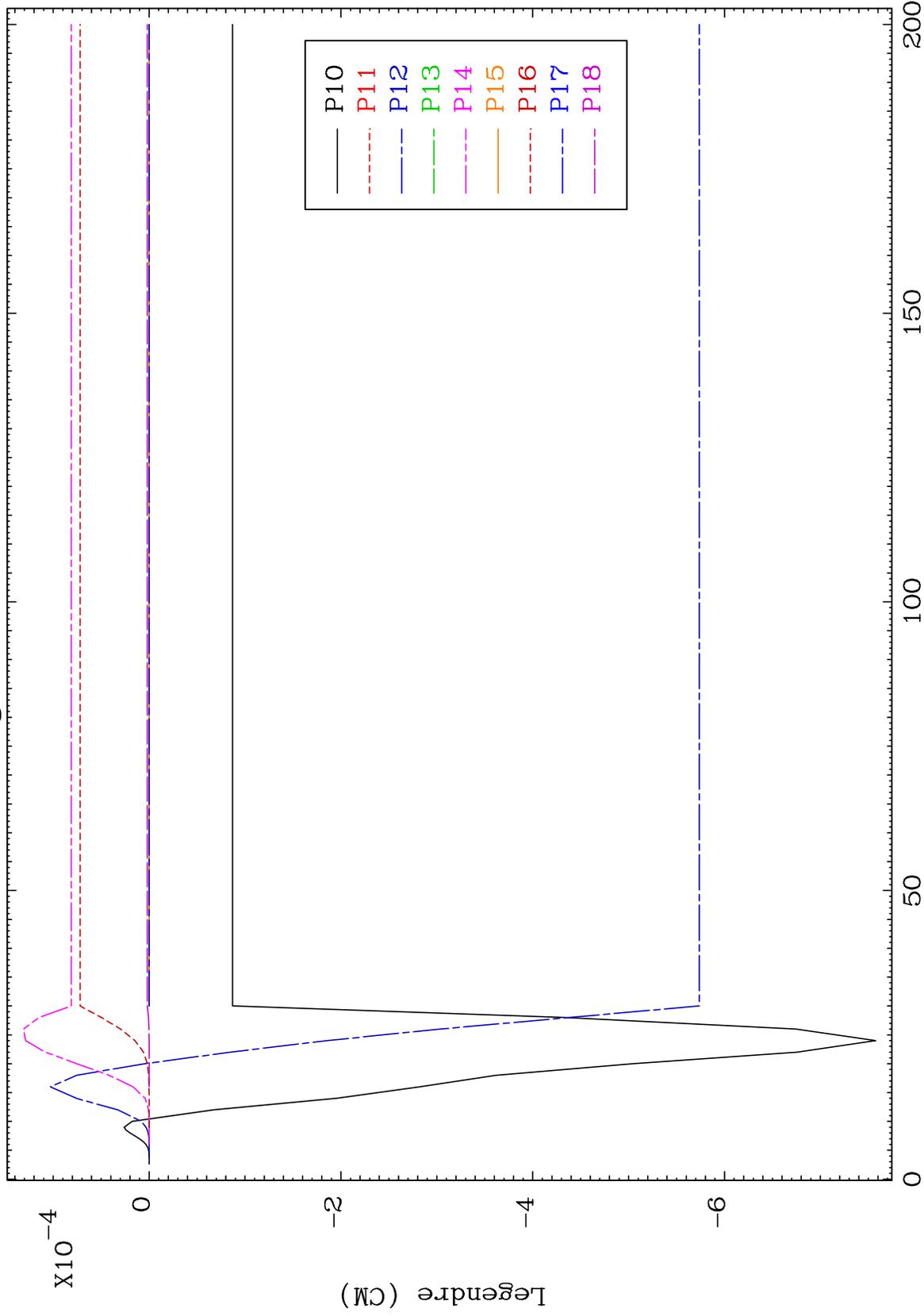
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



78

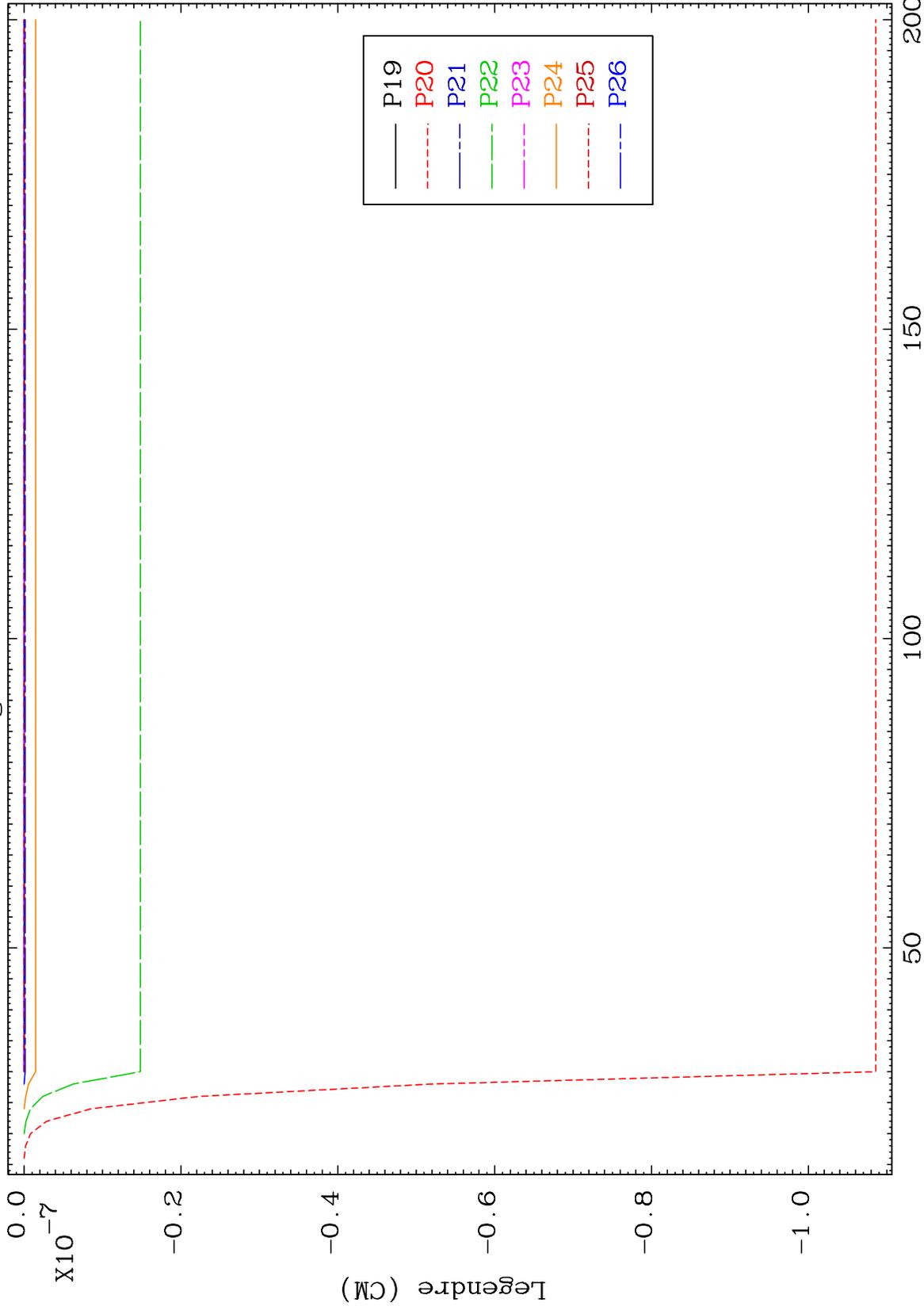
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



79

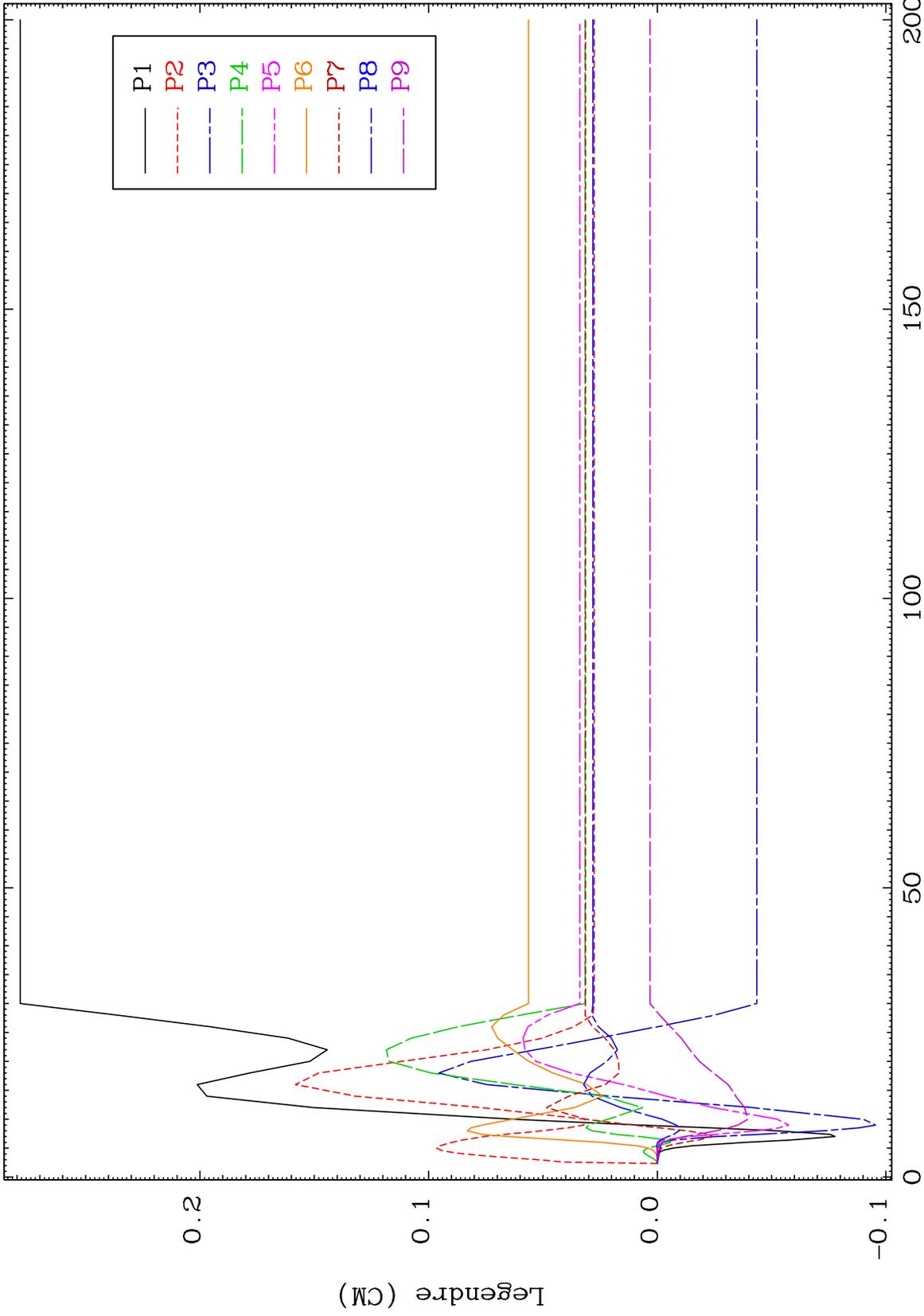
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



80

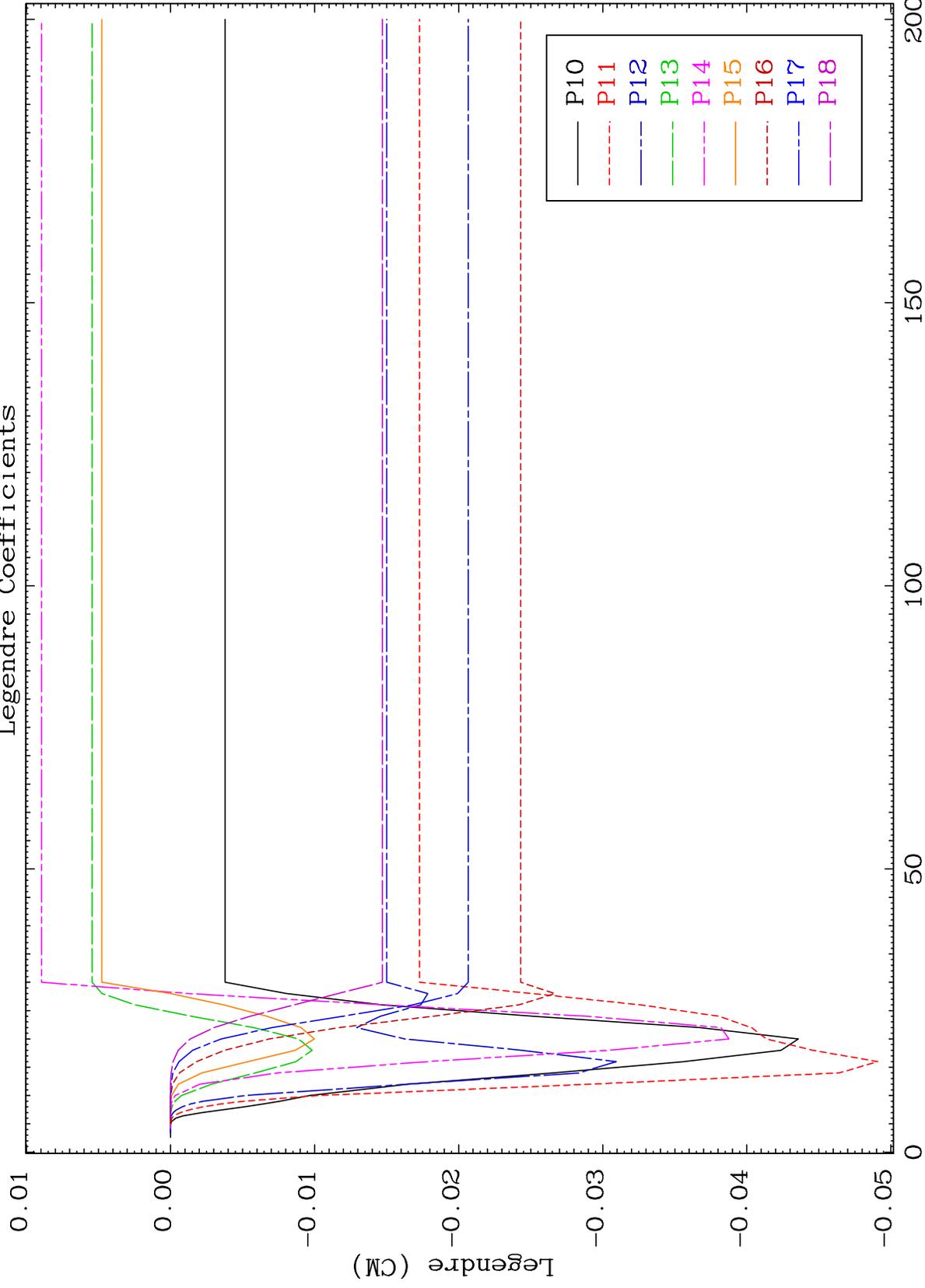
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



46-Pd-116

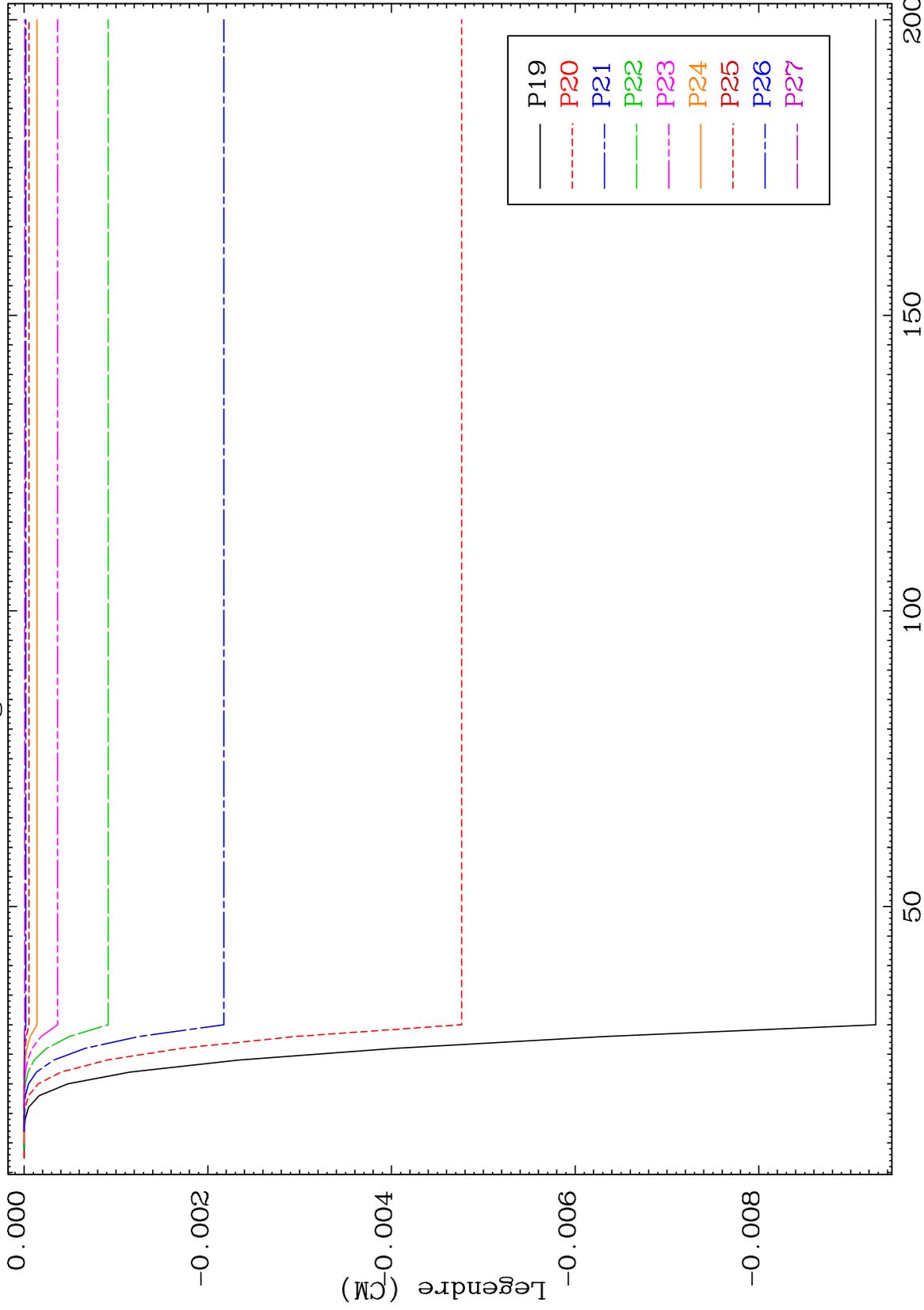
Incident Energy (MeV)

81

MAT 4667

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

46-Pd-116



82

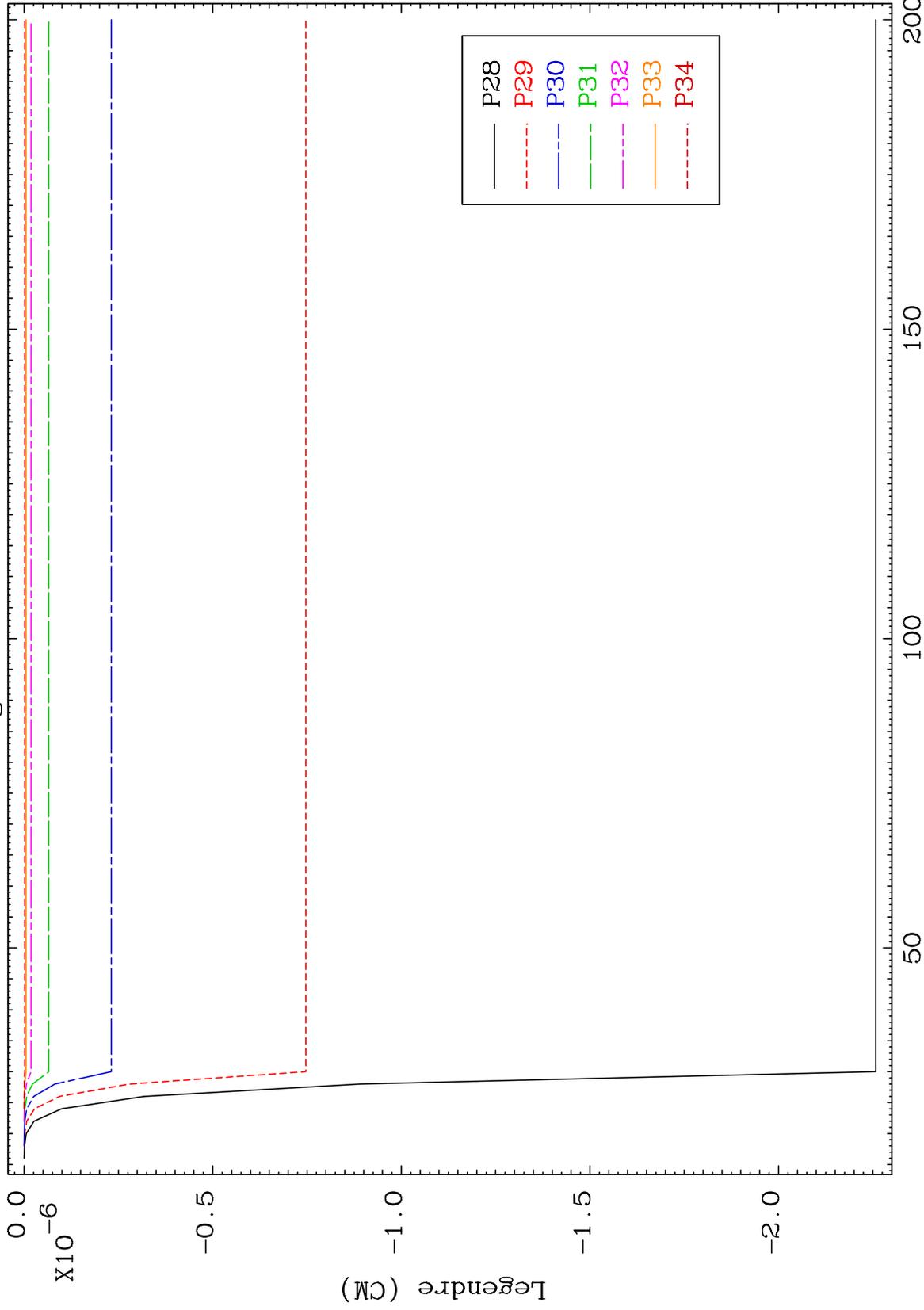
Incident Energy (MeV)

46-Pd-116

MAT 4667

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

46-Pd-116



83

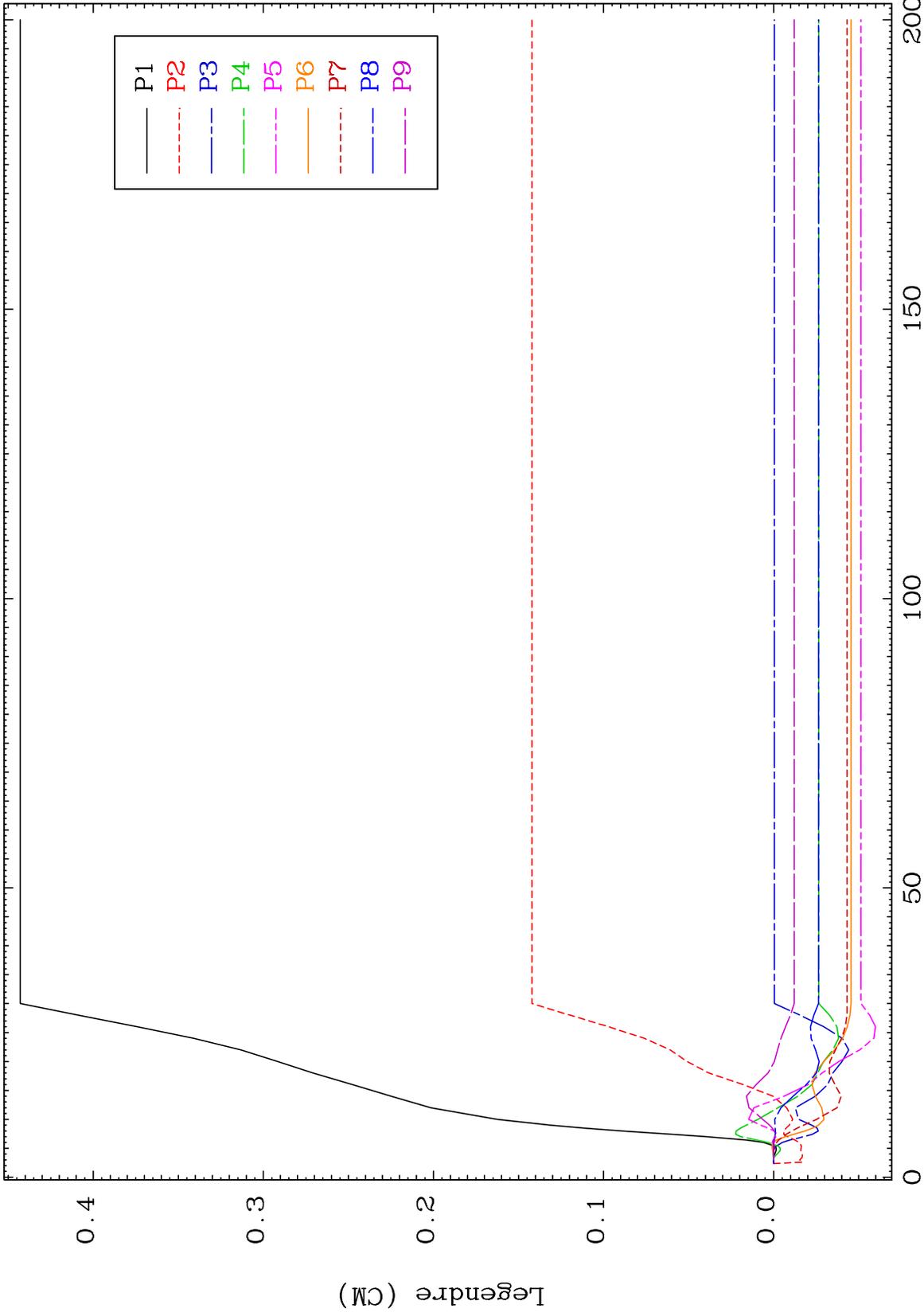
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 69 (n,n') Level
Legendre Coefficients

46-Pd-116



84

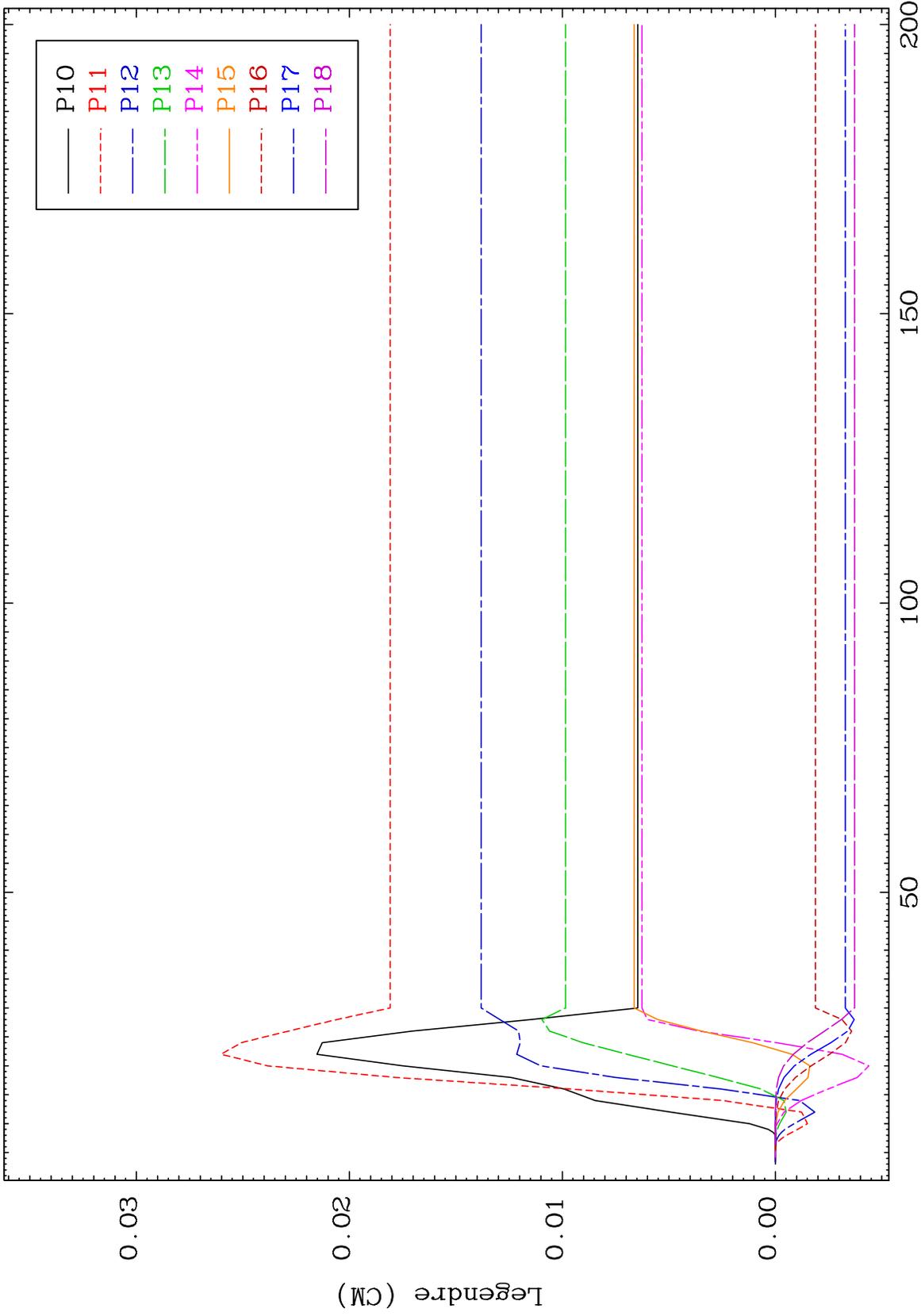
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 69 (n,n') Level
Legendre Coefficients

46-Pd-116



85

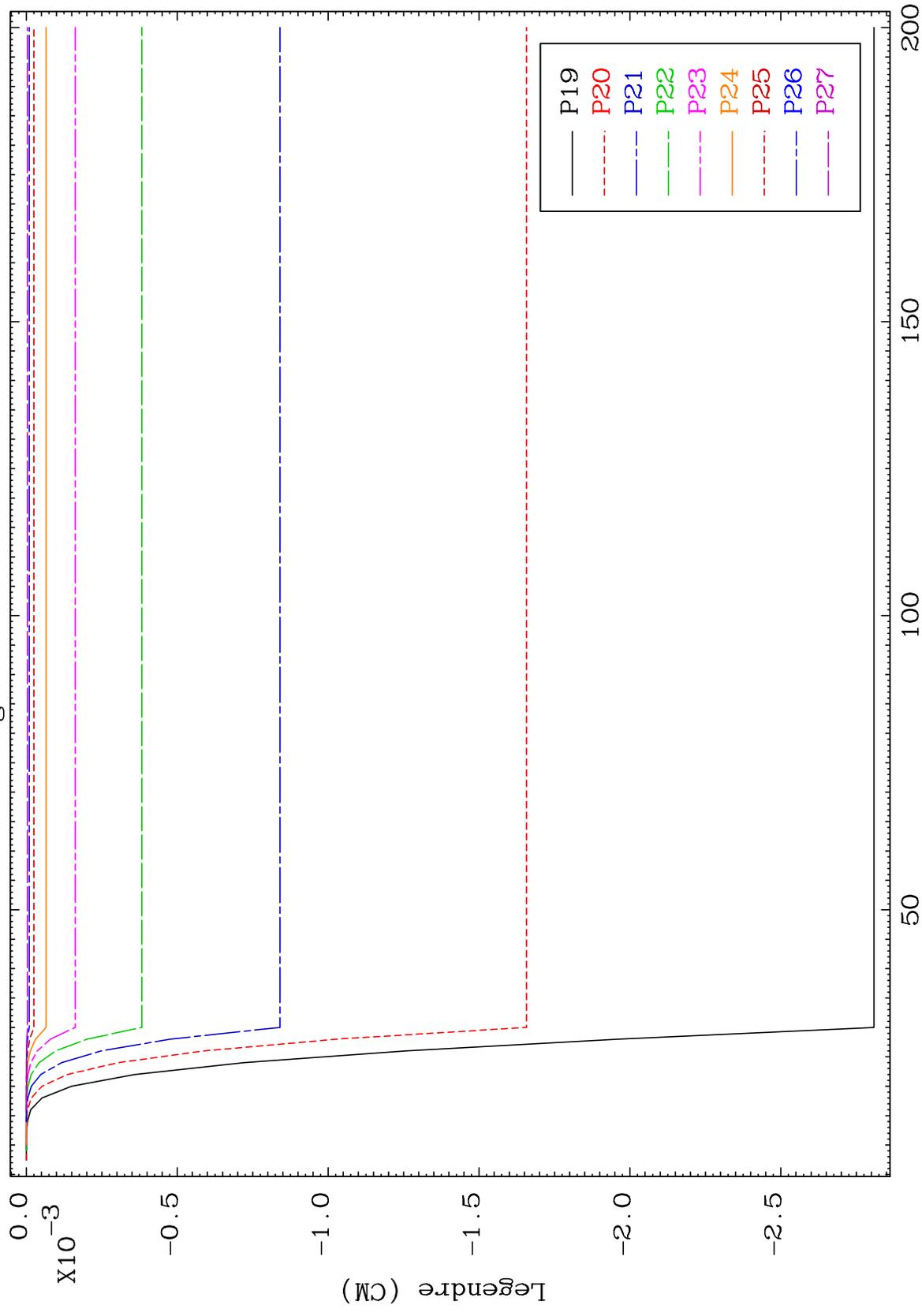
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 69 (n,n') Level
Legendre Coefficients

46-Pd-116



86

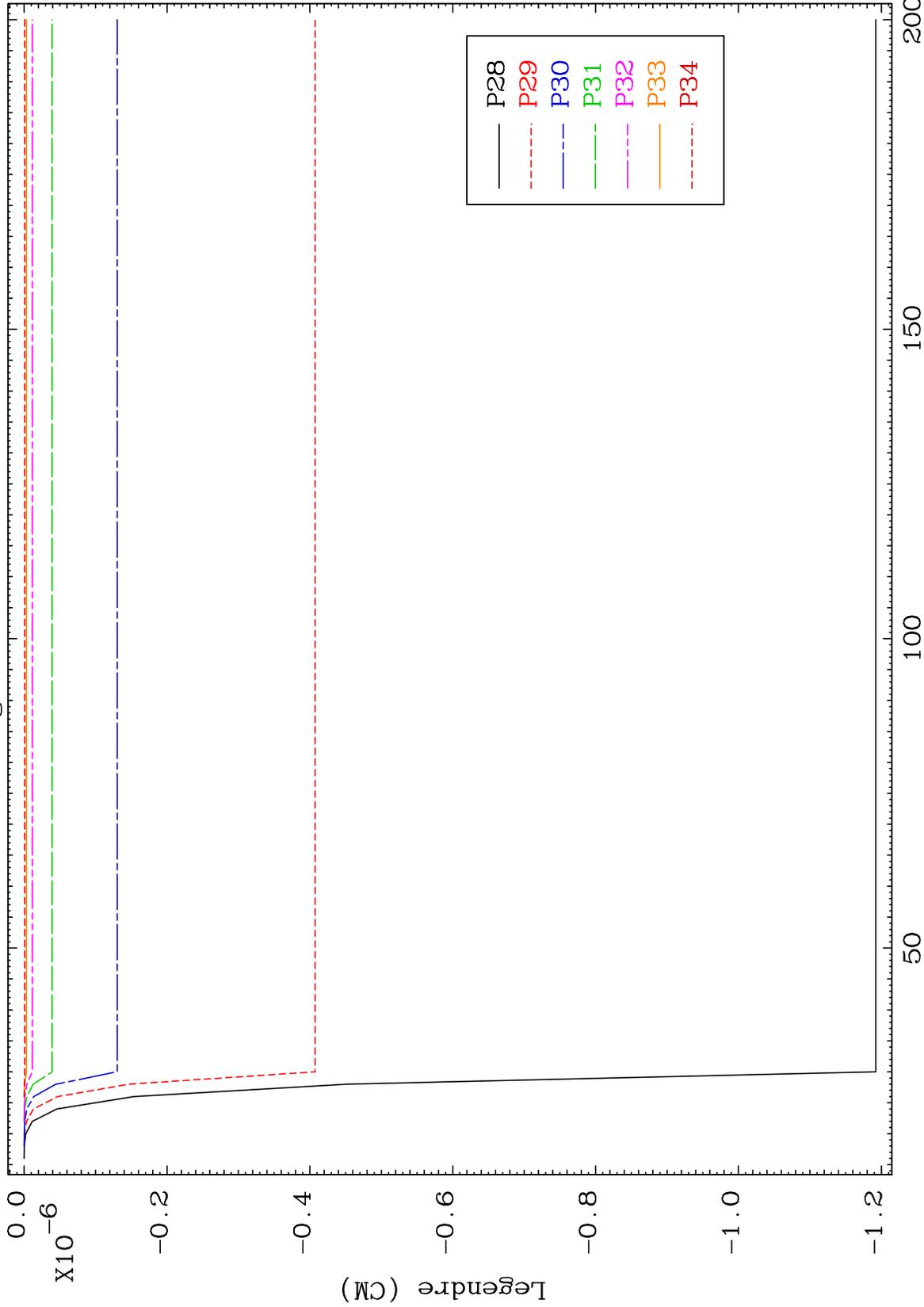
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 69 (n,n') Level
Legendre Coefficients

46-Pd-116



87

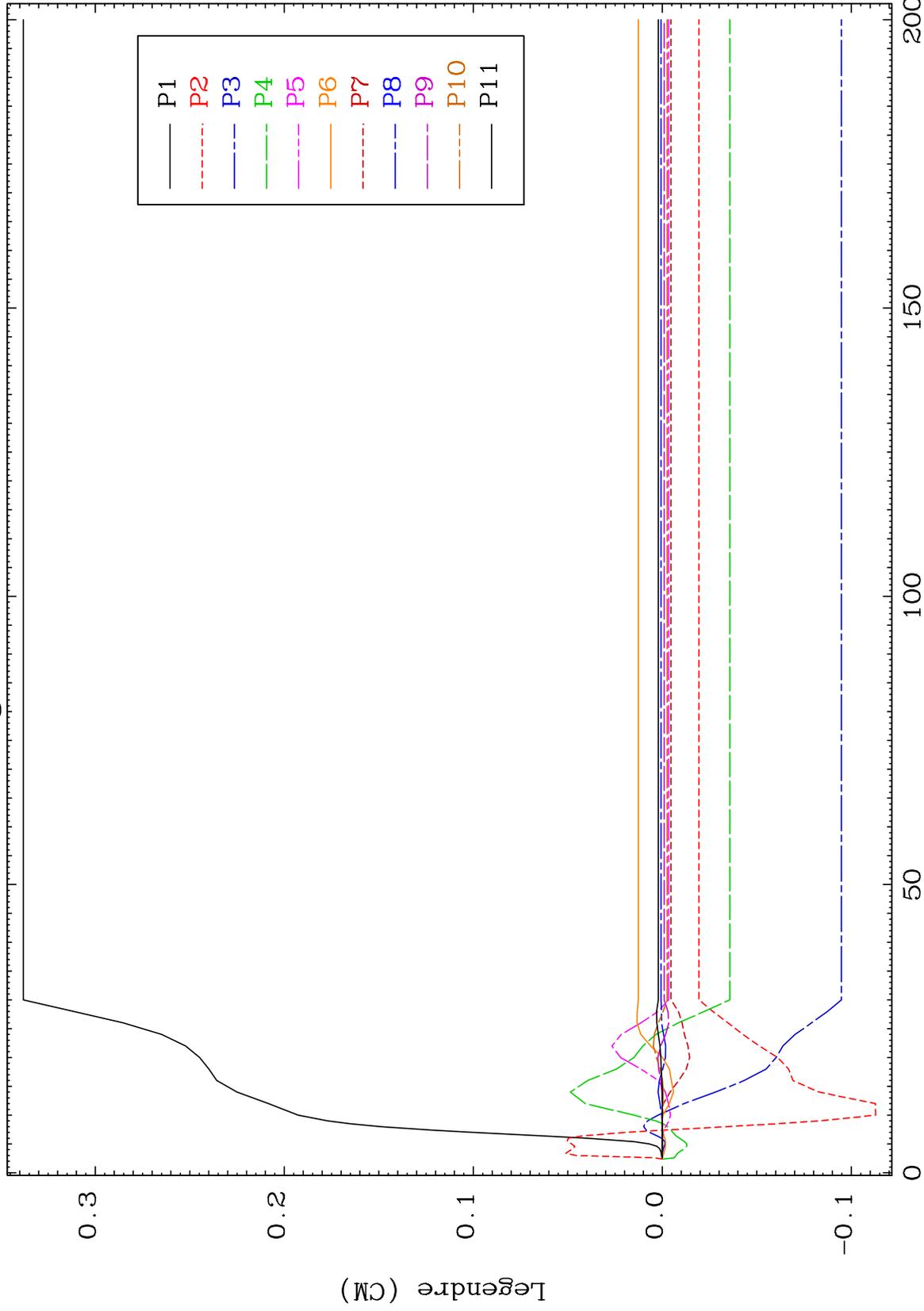
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 70 (n,n') Level
Legendre Coefficients

46-Pd-116



88

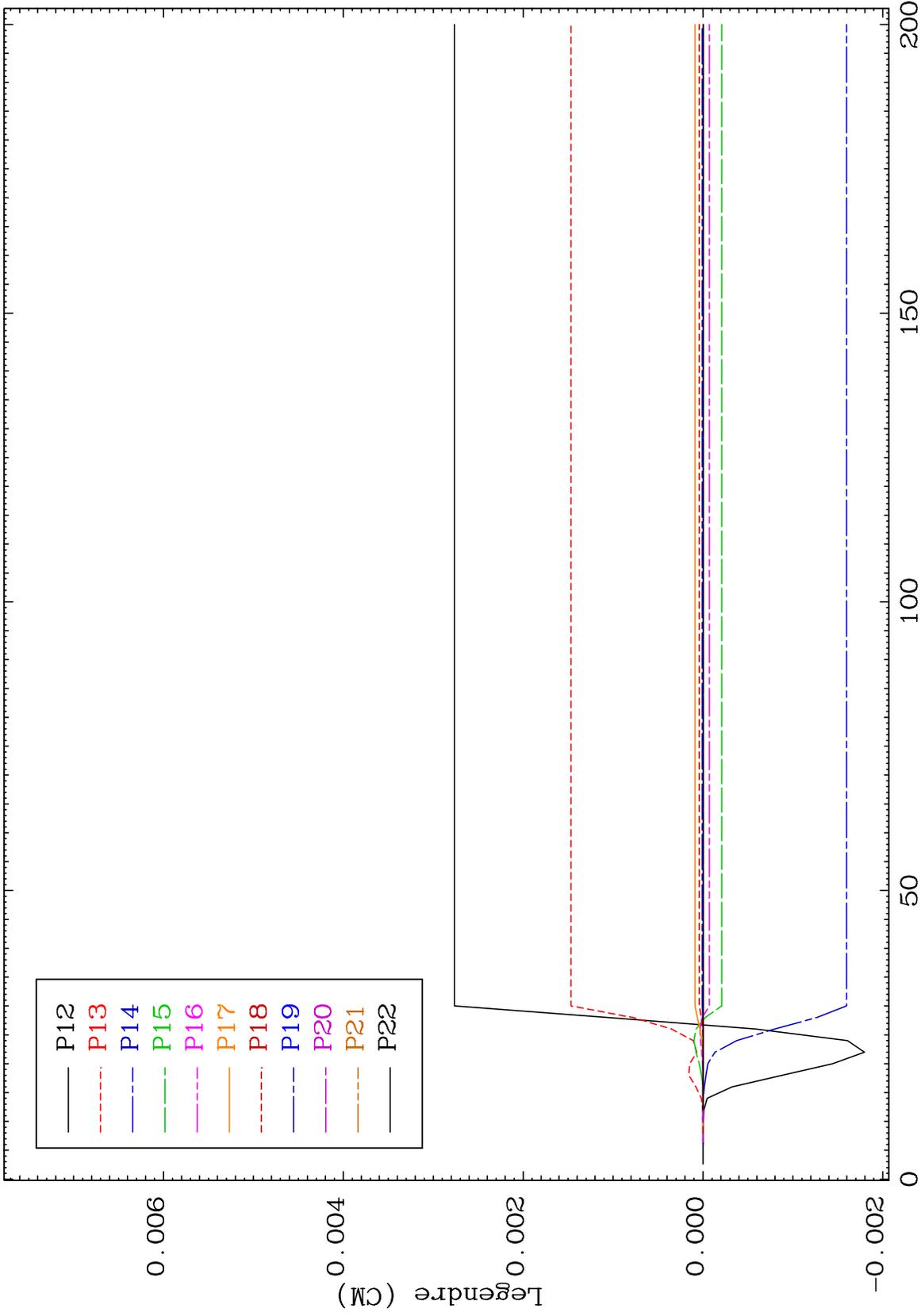
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 70 (n,n') Level
Legendre Coefficients

46-Pd-116



89

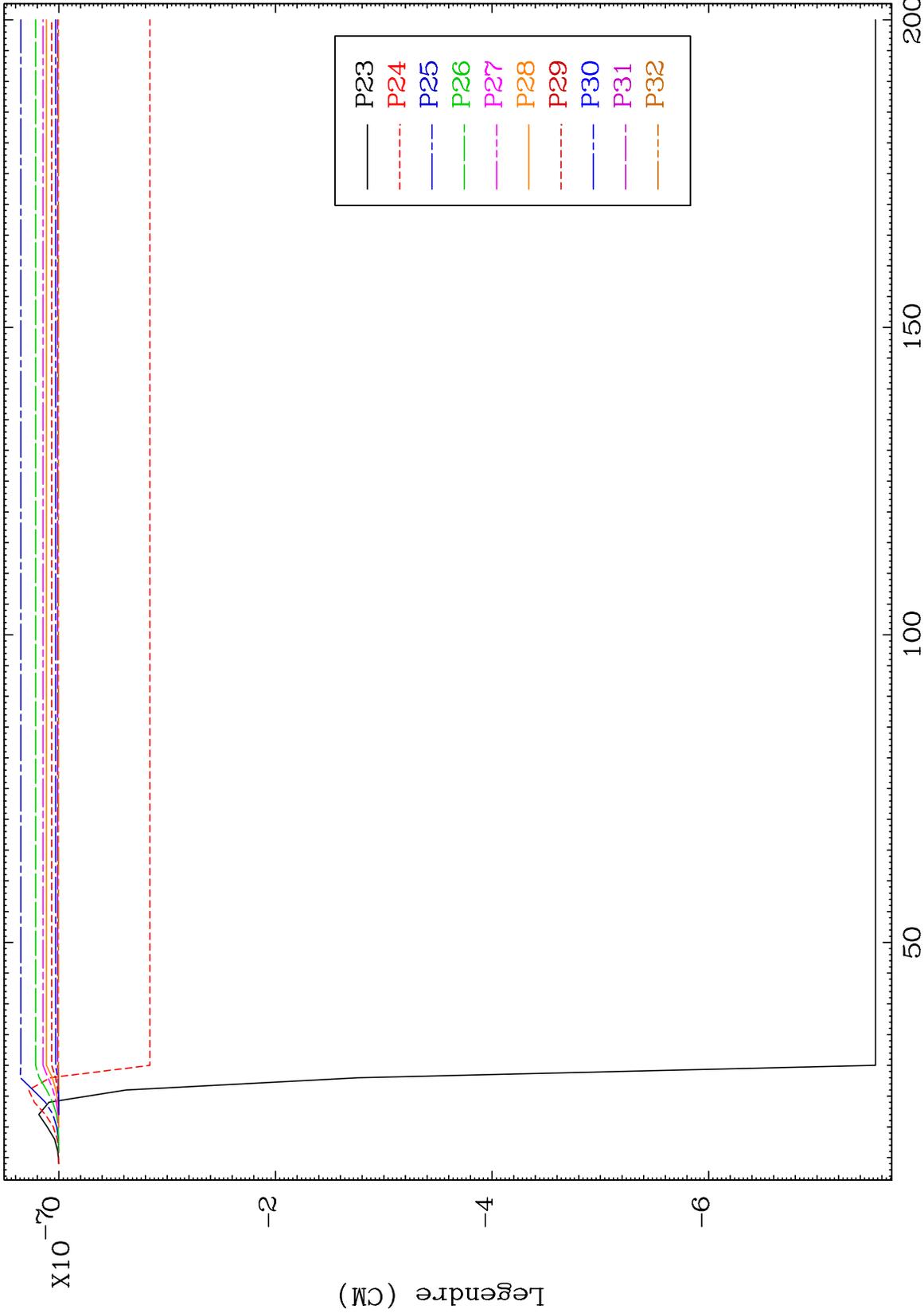
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 70 (n,n') Level
Legendre Coefficients

46-Pd-116



90

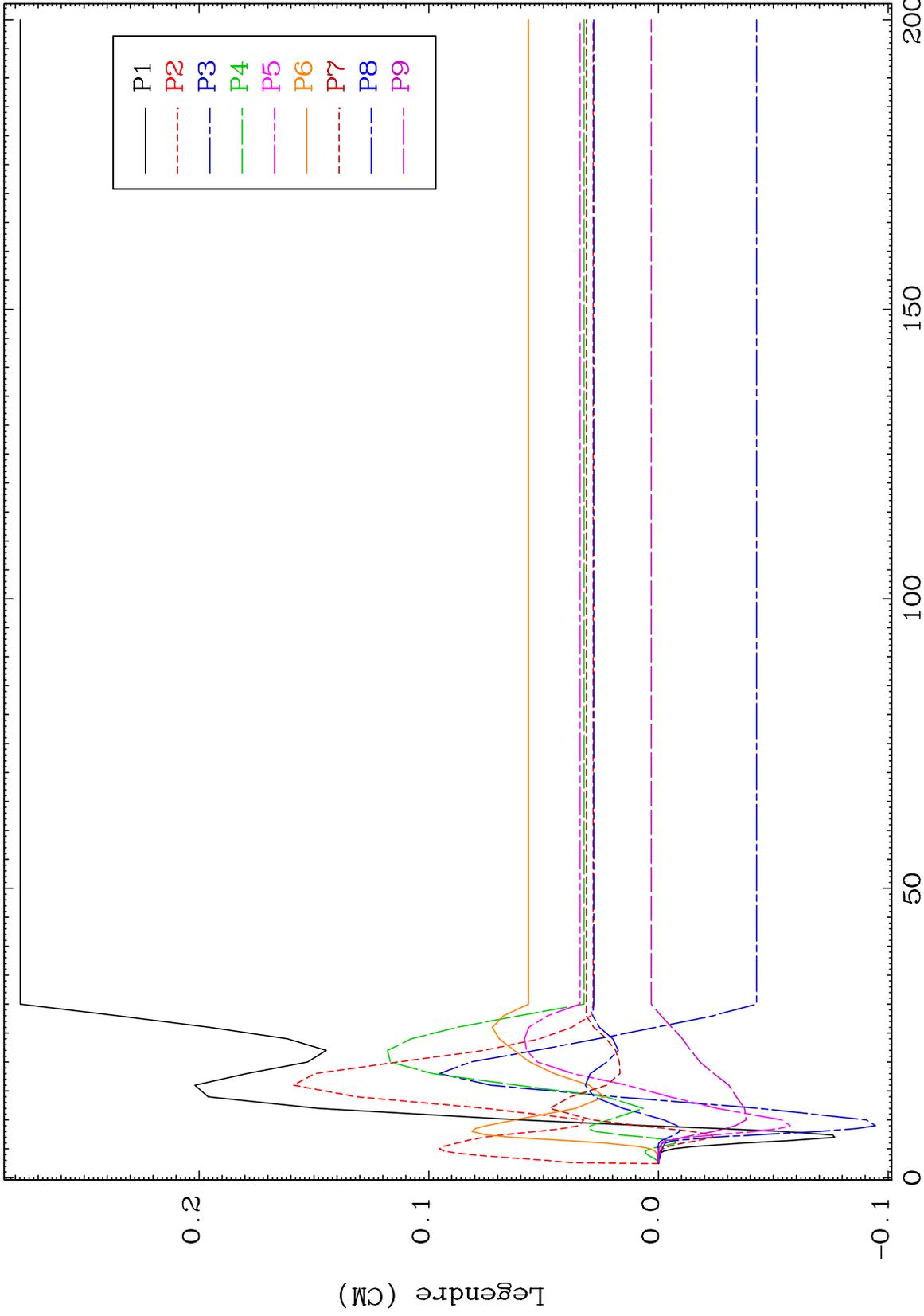
46-Pd-116

46-Pd-116

MAT 4667

MT= 71 (n,n') Level
Legendre Coefficients

46-Pd-116



91

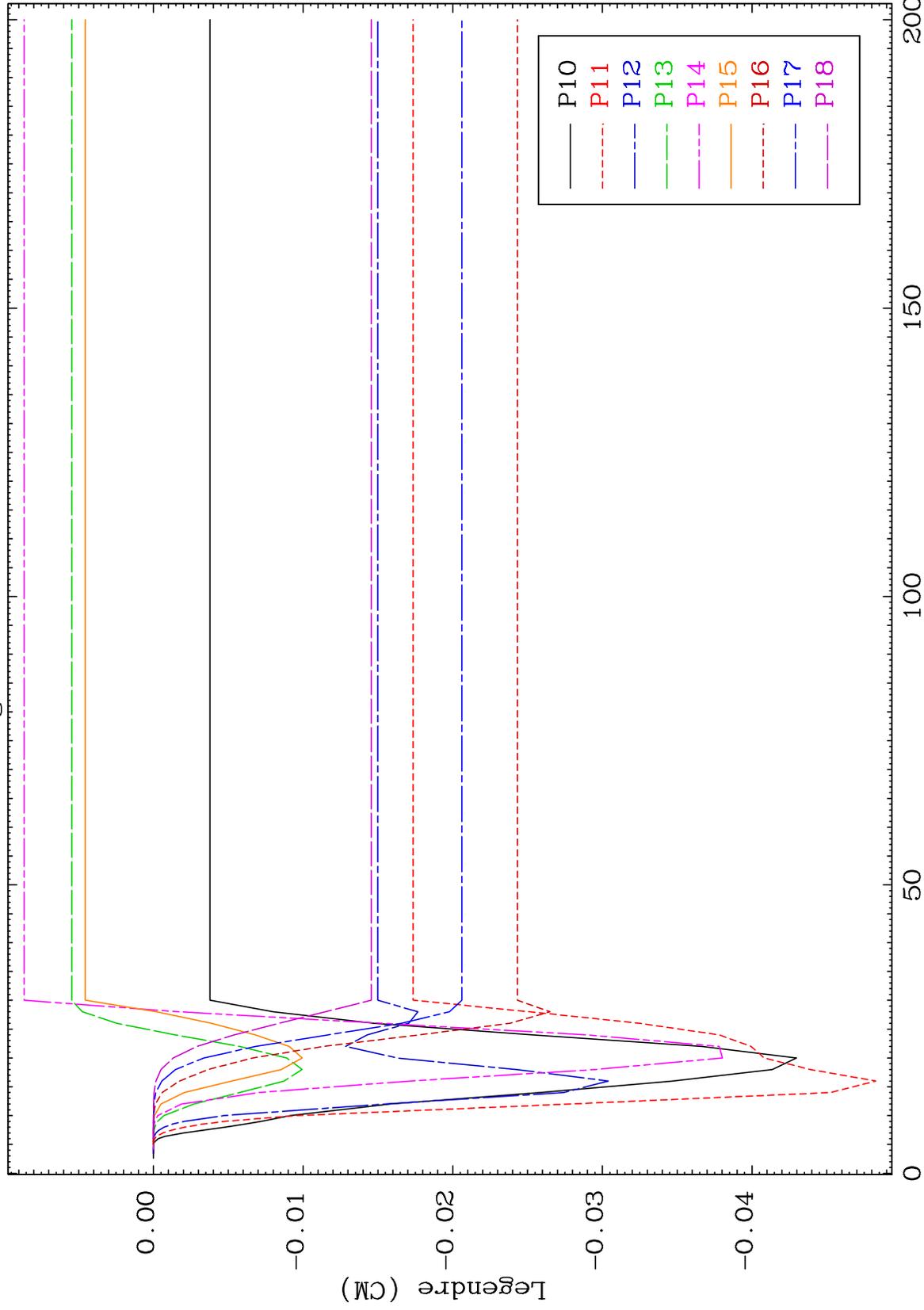
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 71 (n,n') Level
Legendre Coefficients

46-Pd-116



92

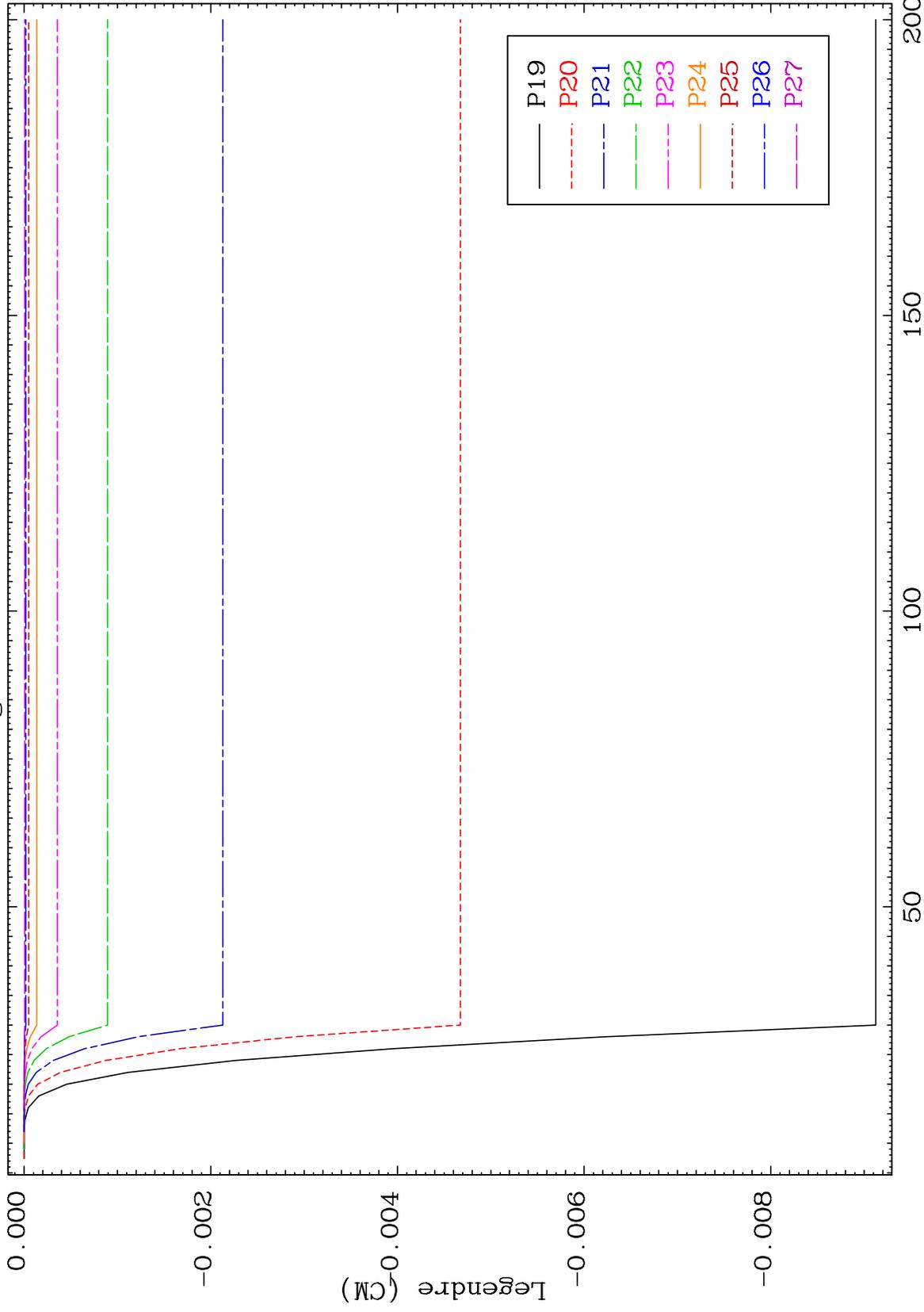
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 71 (n,n') Level
Legendre Coefficients

46-Pd-116



46-Pd-116

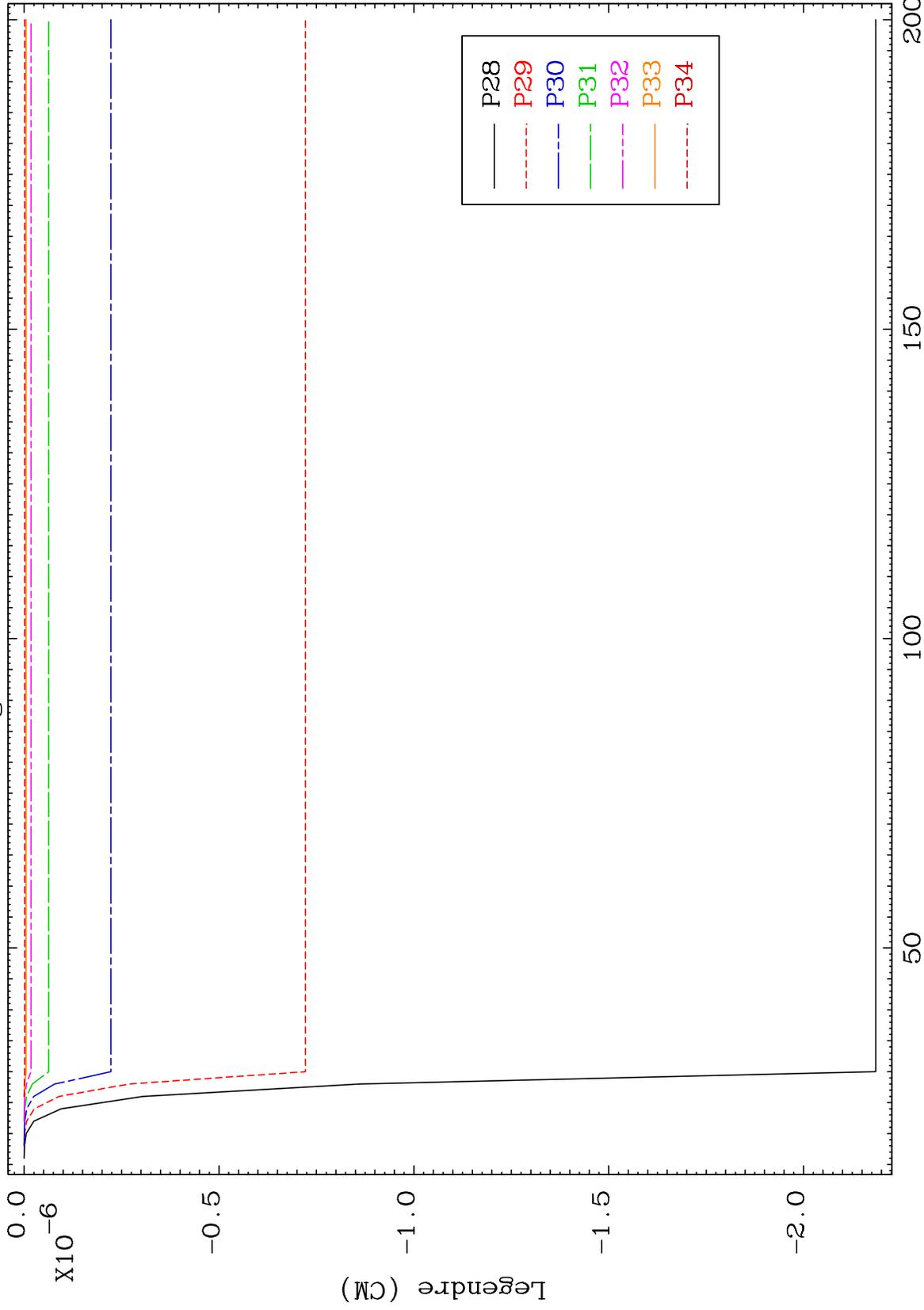
Incident Energy (MeV)

93

MAT 4667

MT= 71 (n,n') Level
Legendre Coefficients

46-Pd-116



94

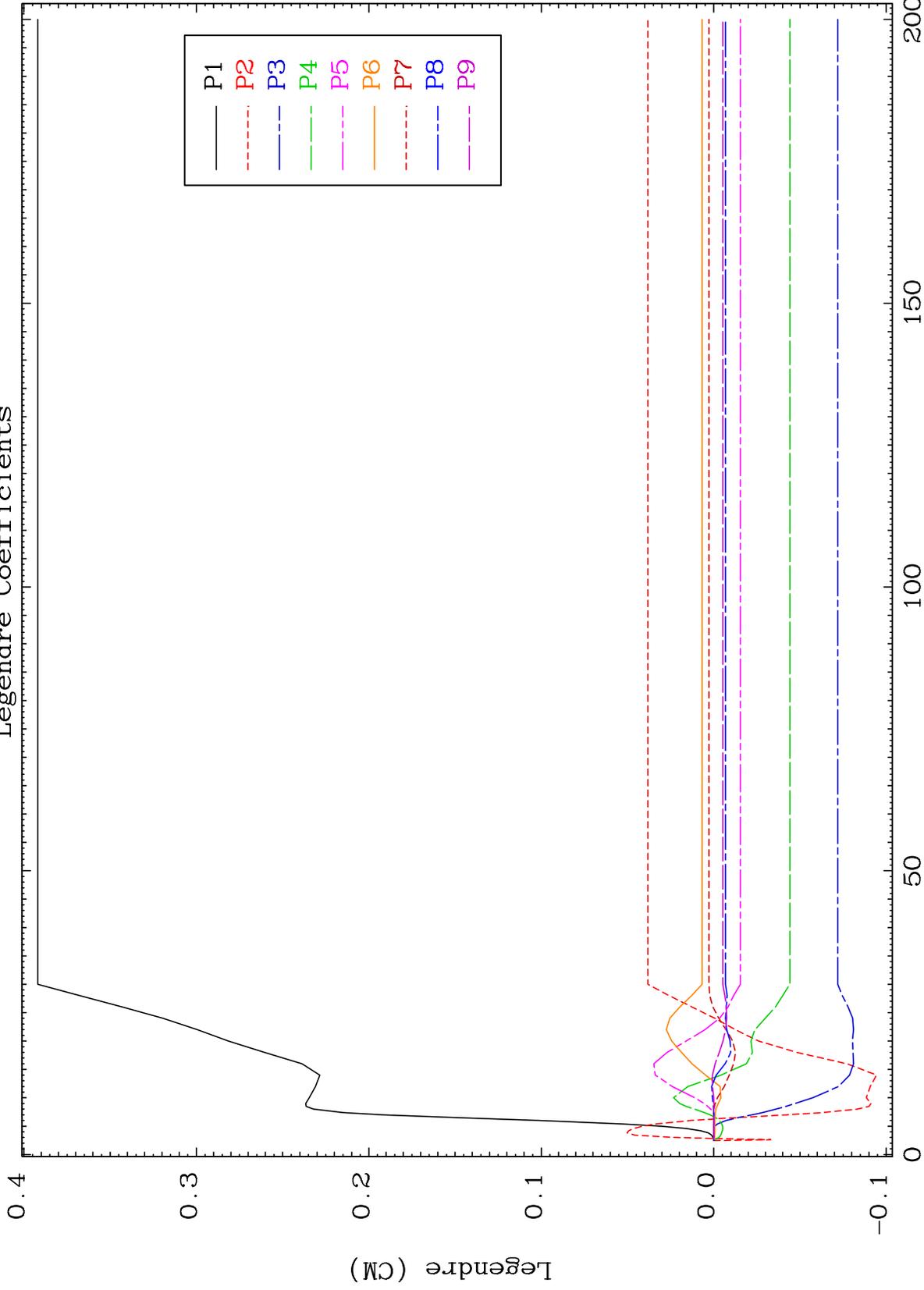
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 72 (n,n') Level
Legendre Coefficients

46-Pd-116



95

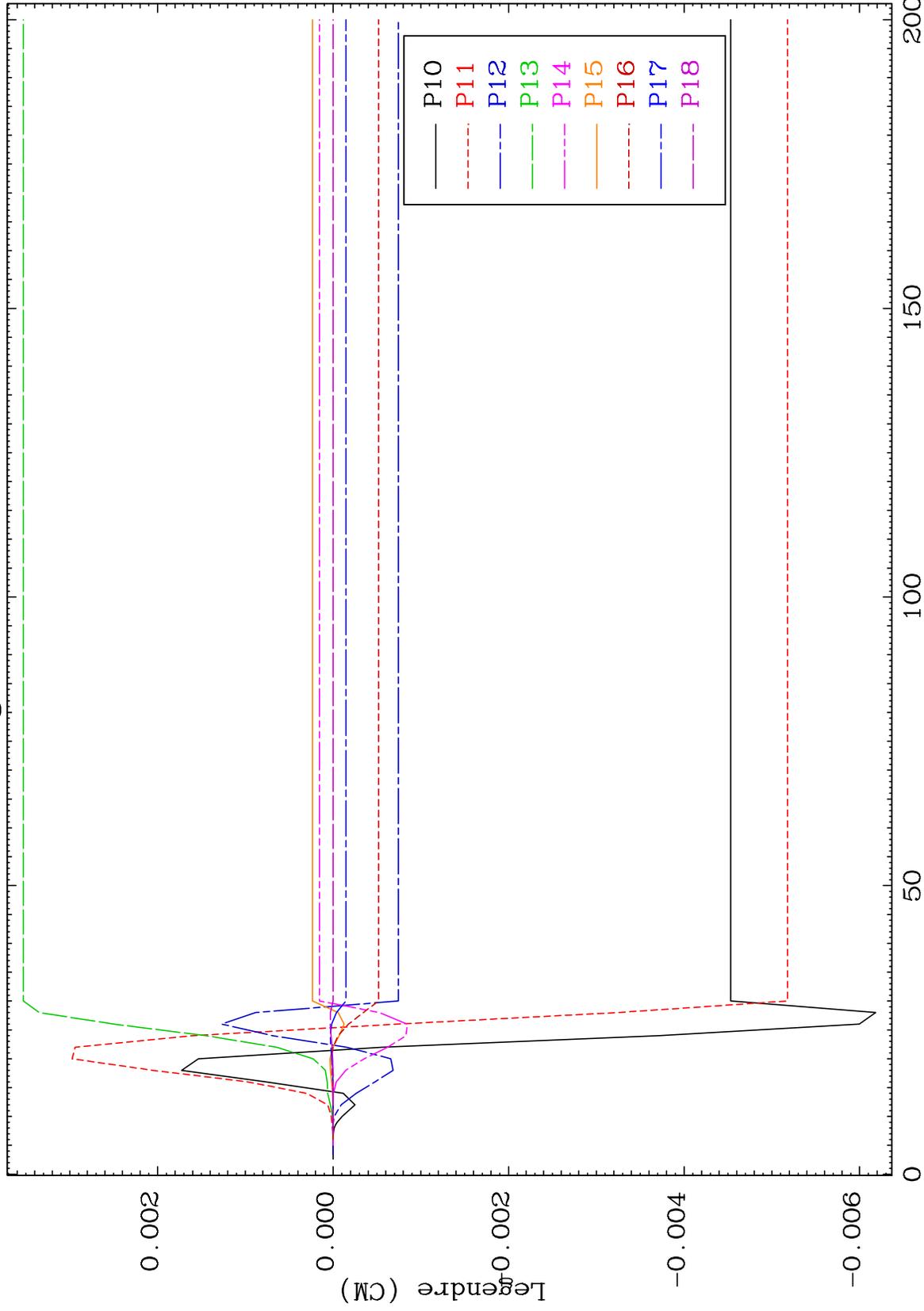
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 72 (n,n') Level
Legendre Coefficients

46-Pd-116



96

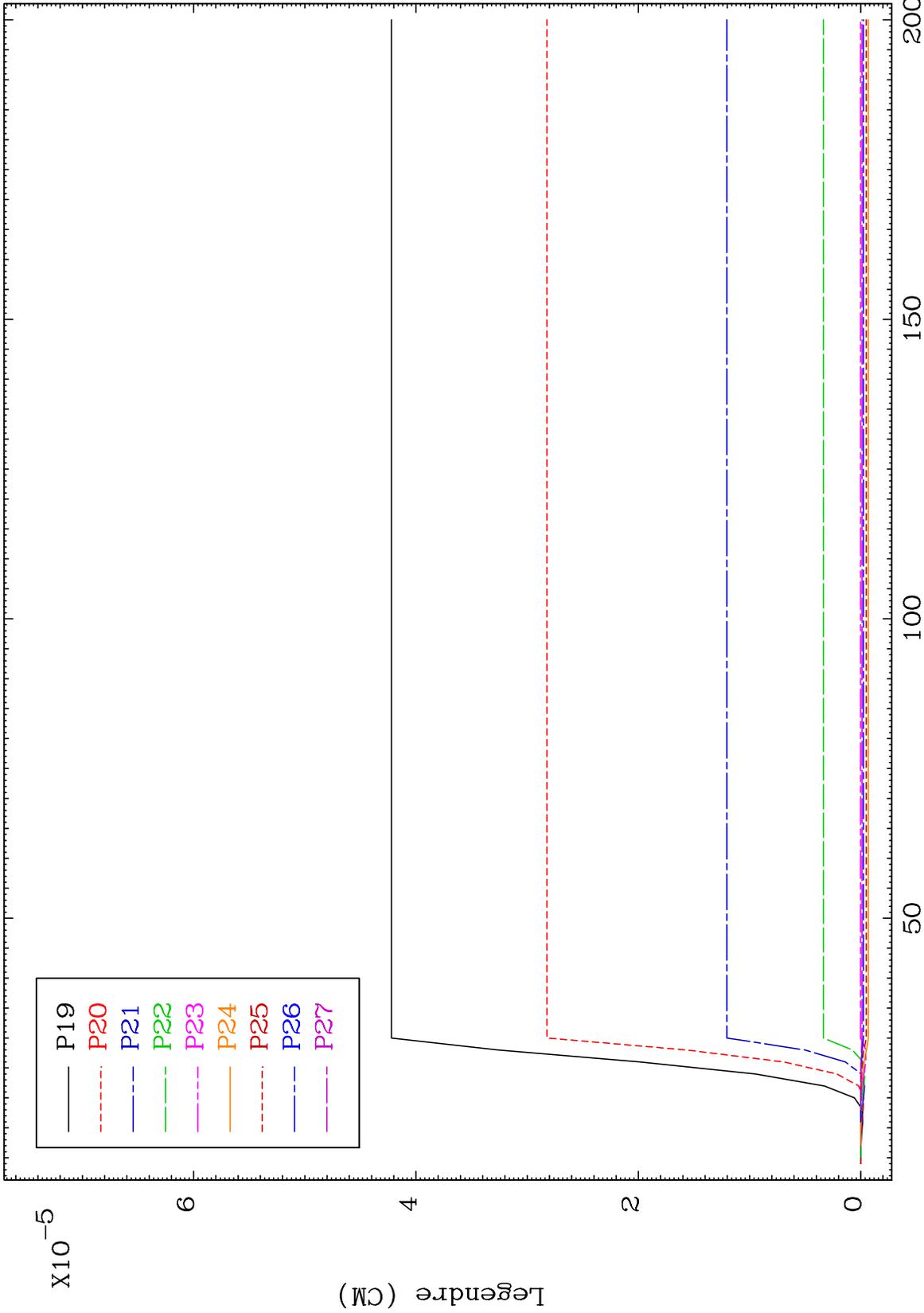
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 72 (n,n') Level
Legendre Coefficients

46-Pd-116



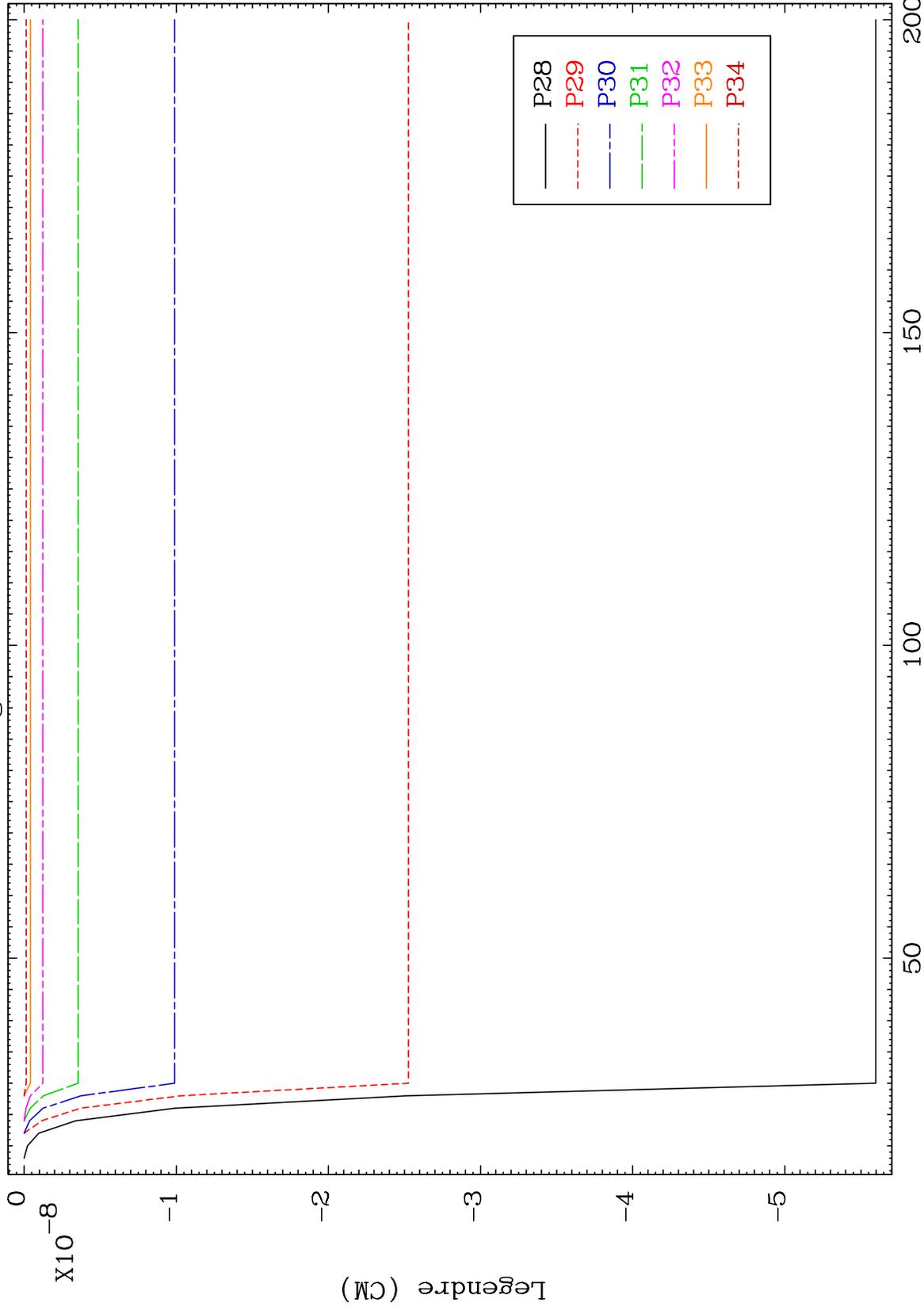
97

46-Pd-116

MAT 4667

MT= 72 (n,n') Level
Legendre Coefficients

46-Pd-116



46-Pd-116

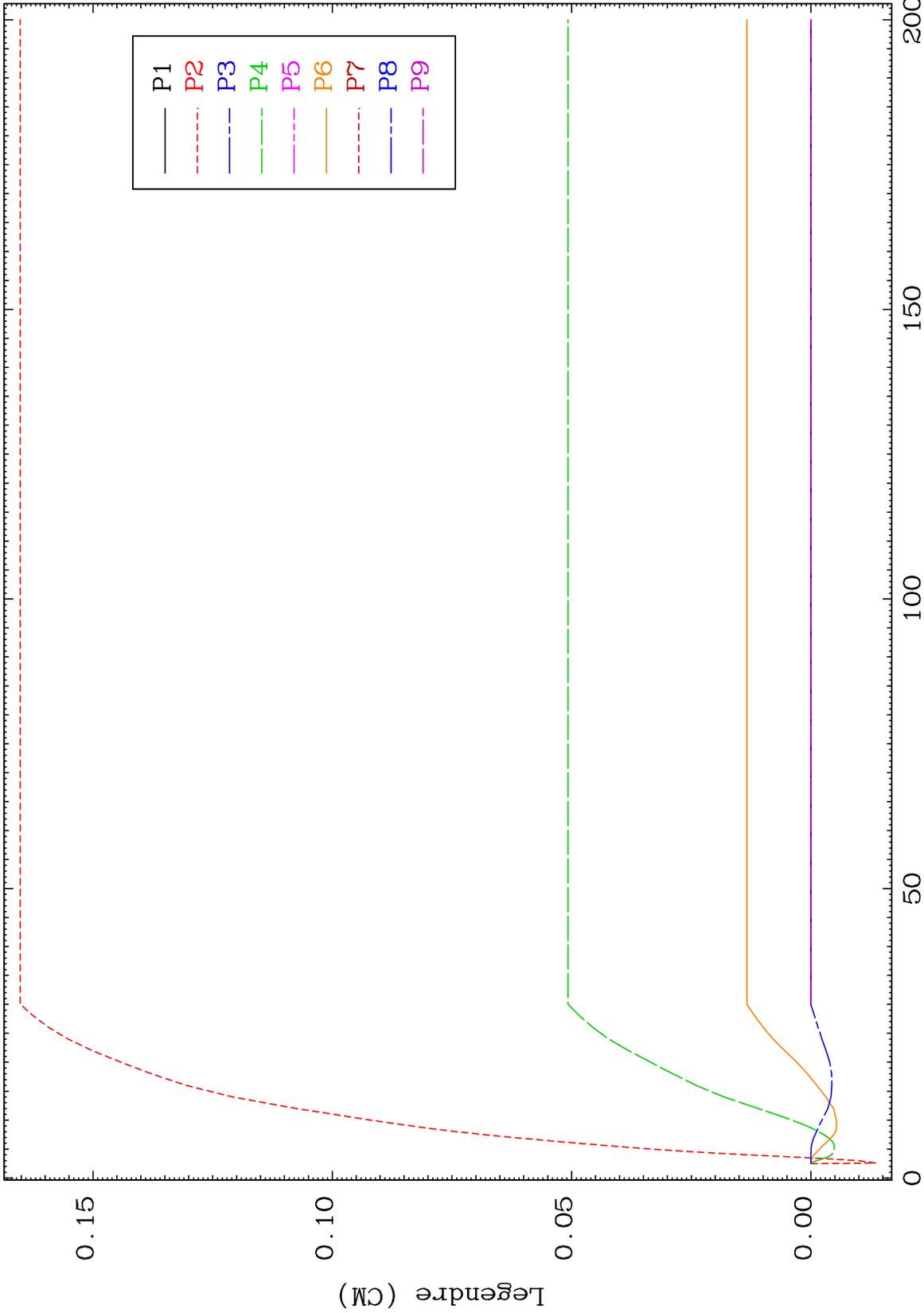
Incident Energy (MeV)

98

MAT 4667

MT= 73 (n,n') Level
Legendre Coefficients

46-Pd-116



99

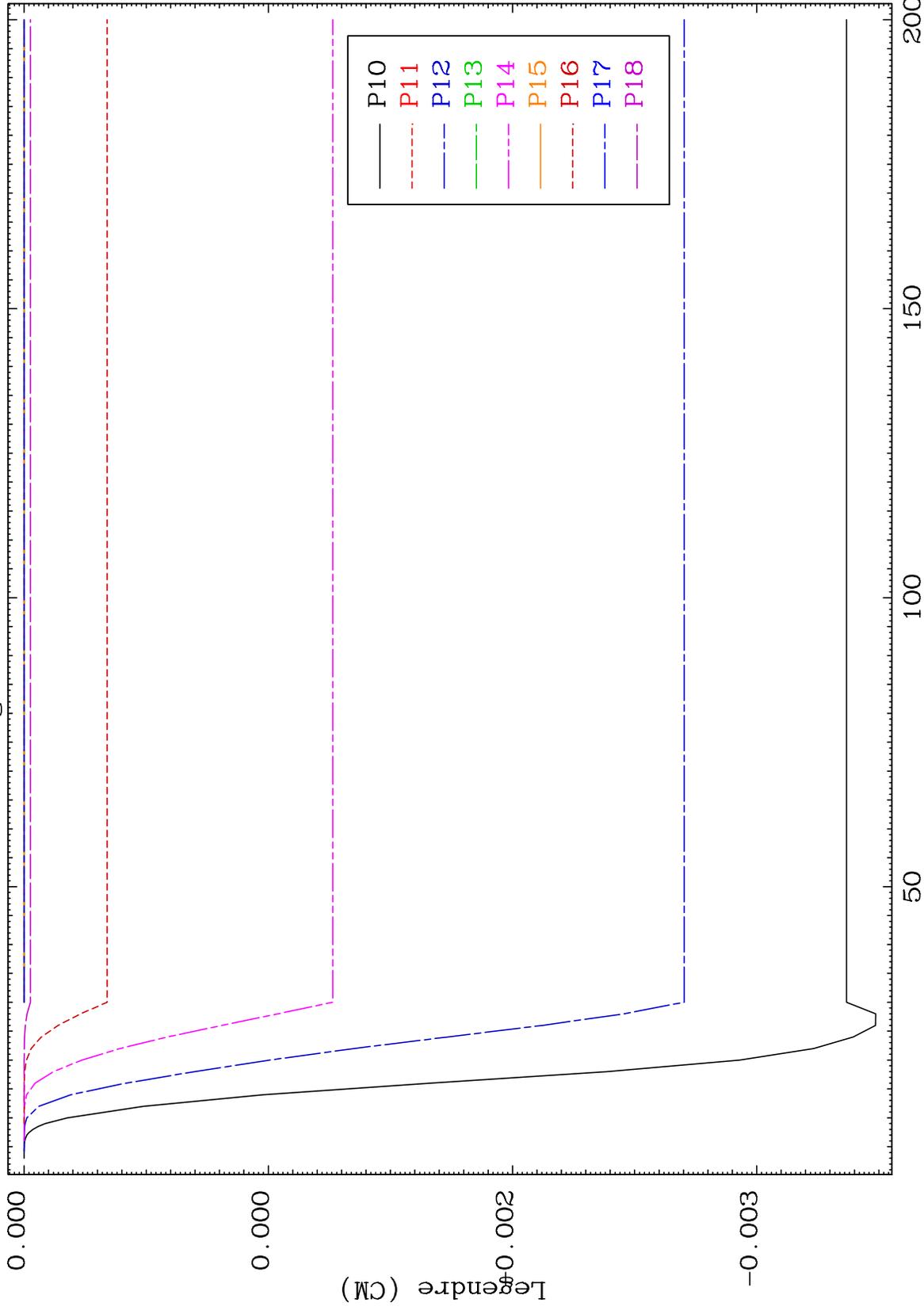
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 73 (n,n') Level
Legendre Coefficients

46-Pd-116



100

Incident Energy (MeV)

150

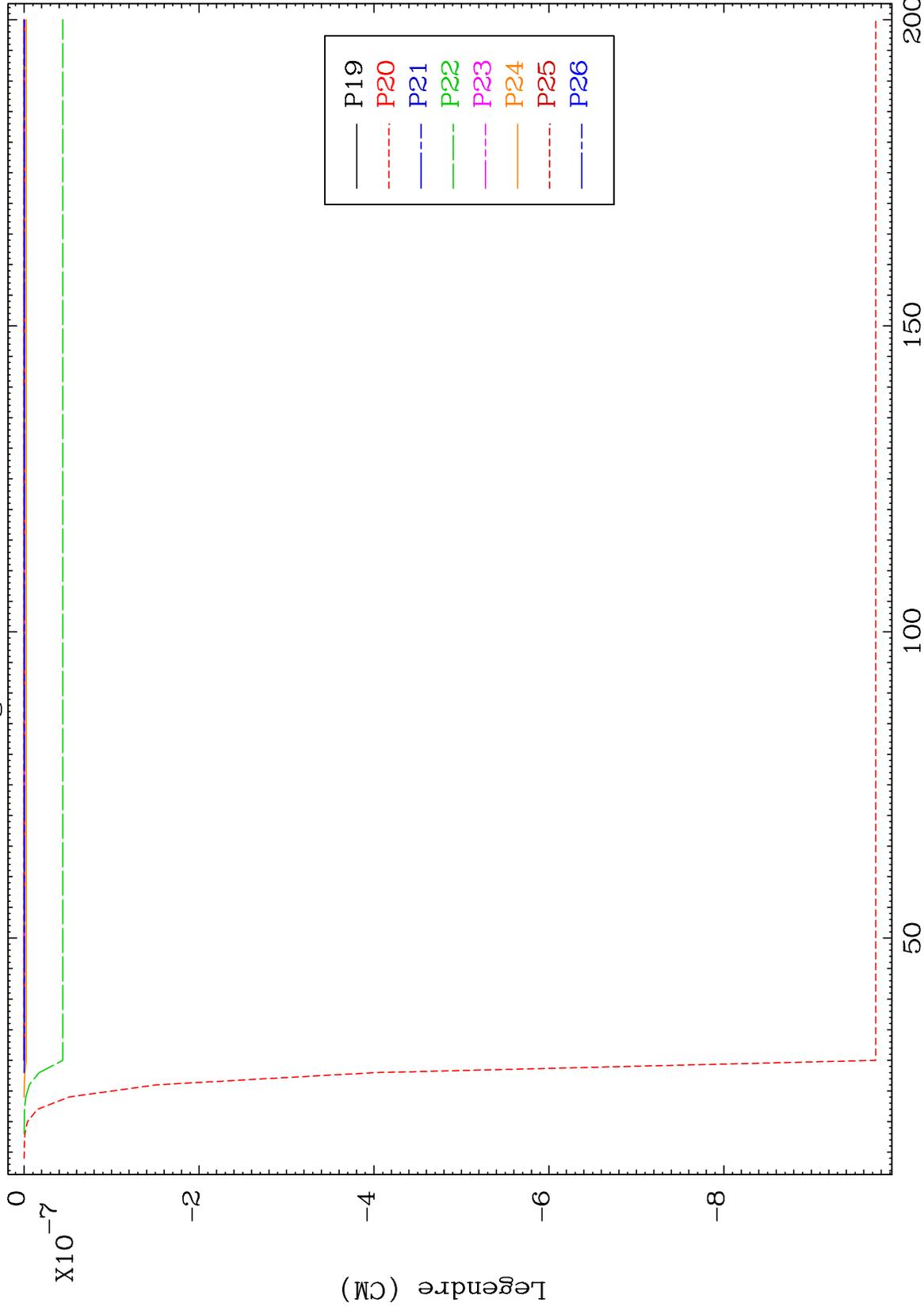
200

46-Pd-116

MAT 4667

MT= 73 (n,n') Level
Legendre Coefficients

46-Pd-116



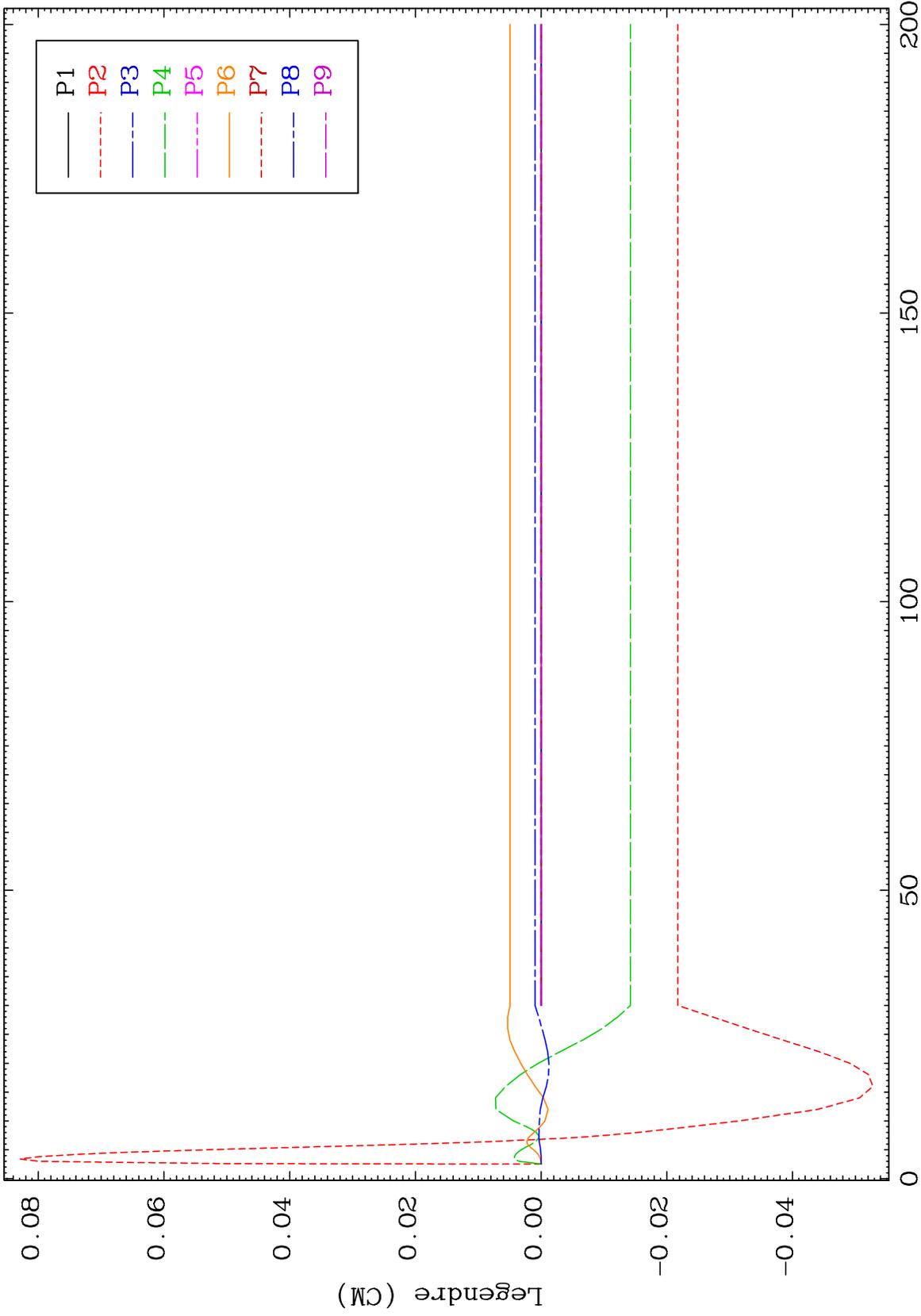
101

46-Pd-116

MAT 4667

MT= 74 (n,n') Level
Legendre Coefficients

46-Pd-116



102

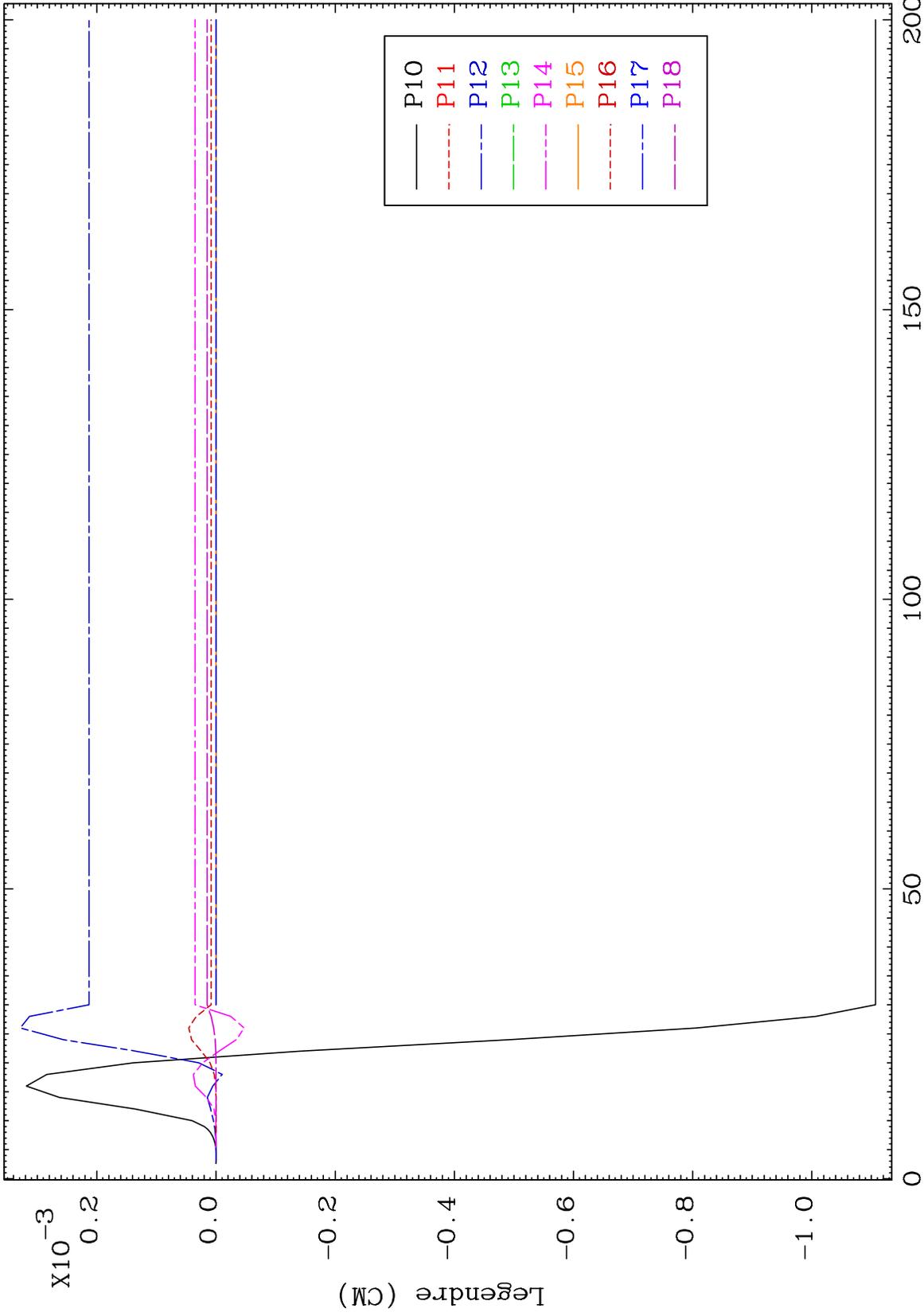
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 74 (n,n') Level
Legendre Coefficients

46-Pd-116



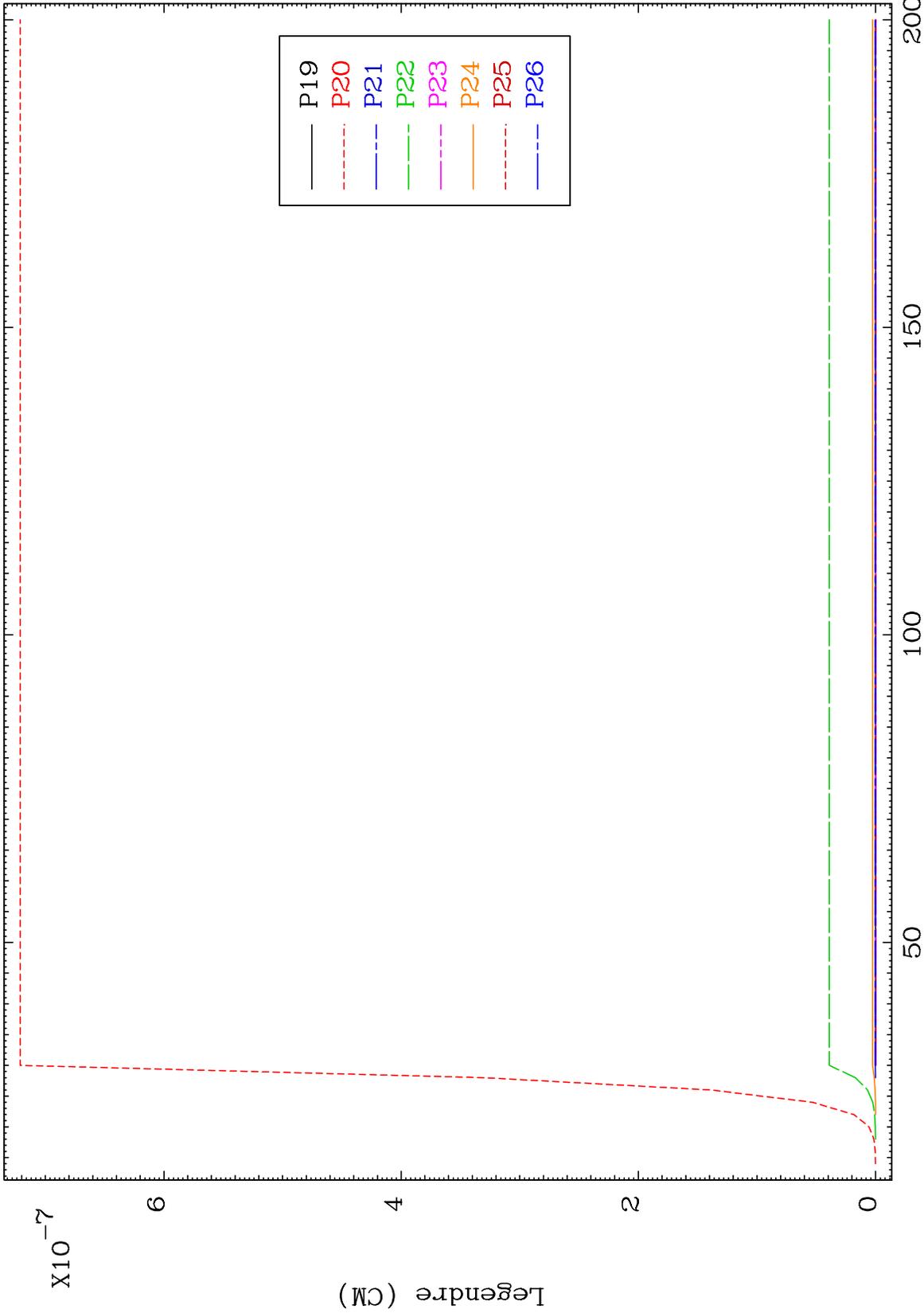
103

46-Pd-116

MAT 4667

MT= 74 (n,n') Level
Legendre Coefficients

46-Pd-116



46-Pd-116

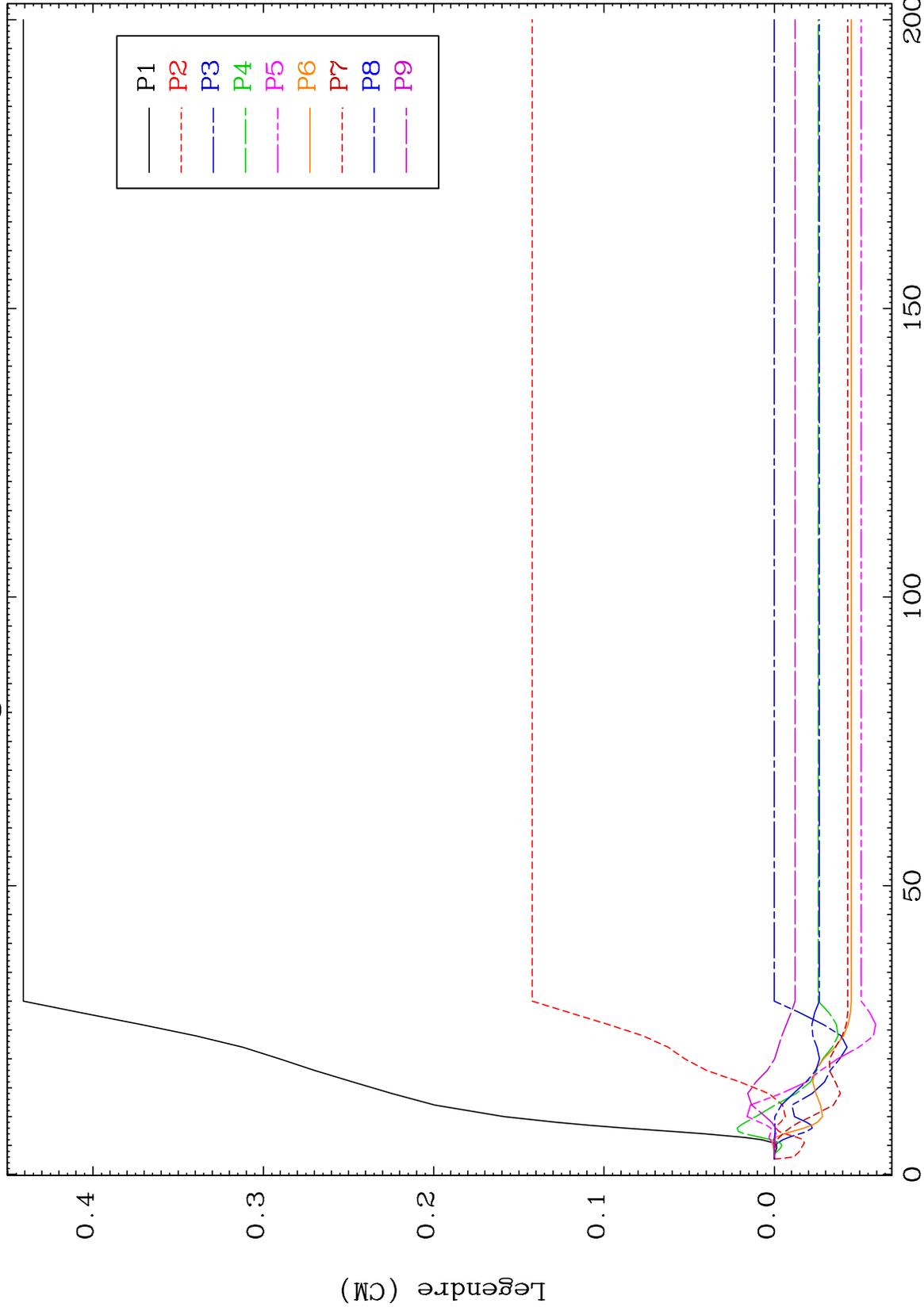
Incident Energy (MeV)

104

MAT 4667

MT= 75 (n,n') Level
Legendre Coefficients

46-Pd-116



46-Pd-116

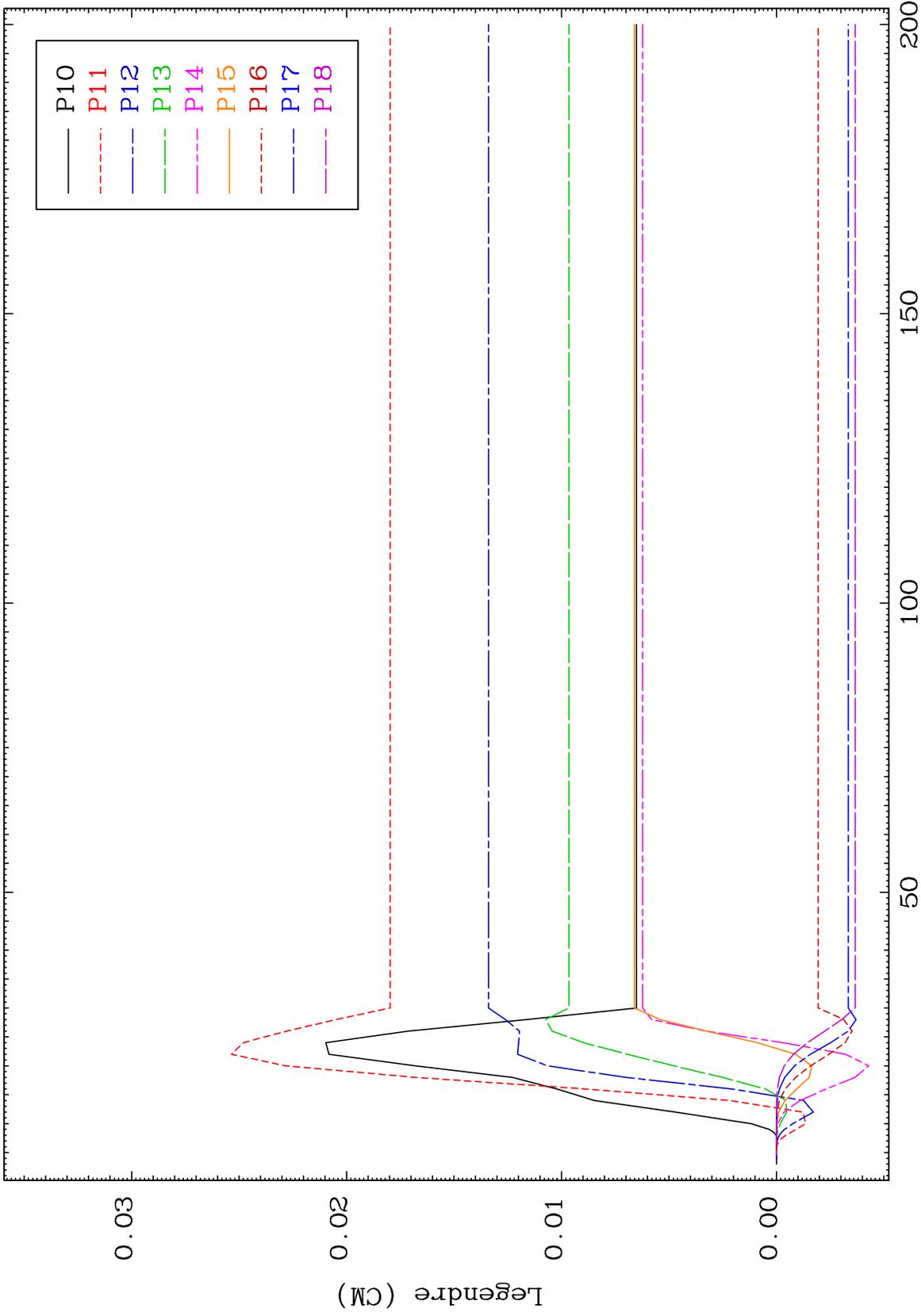
Incident Energy (MeV)

Legendre (CM)

MAT 4667

MT= 75 (n,n') Level
Legendre Coefficients

46-Pd-116



106

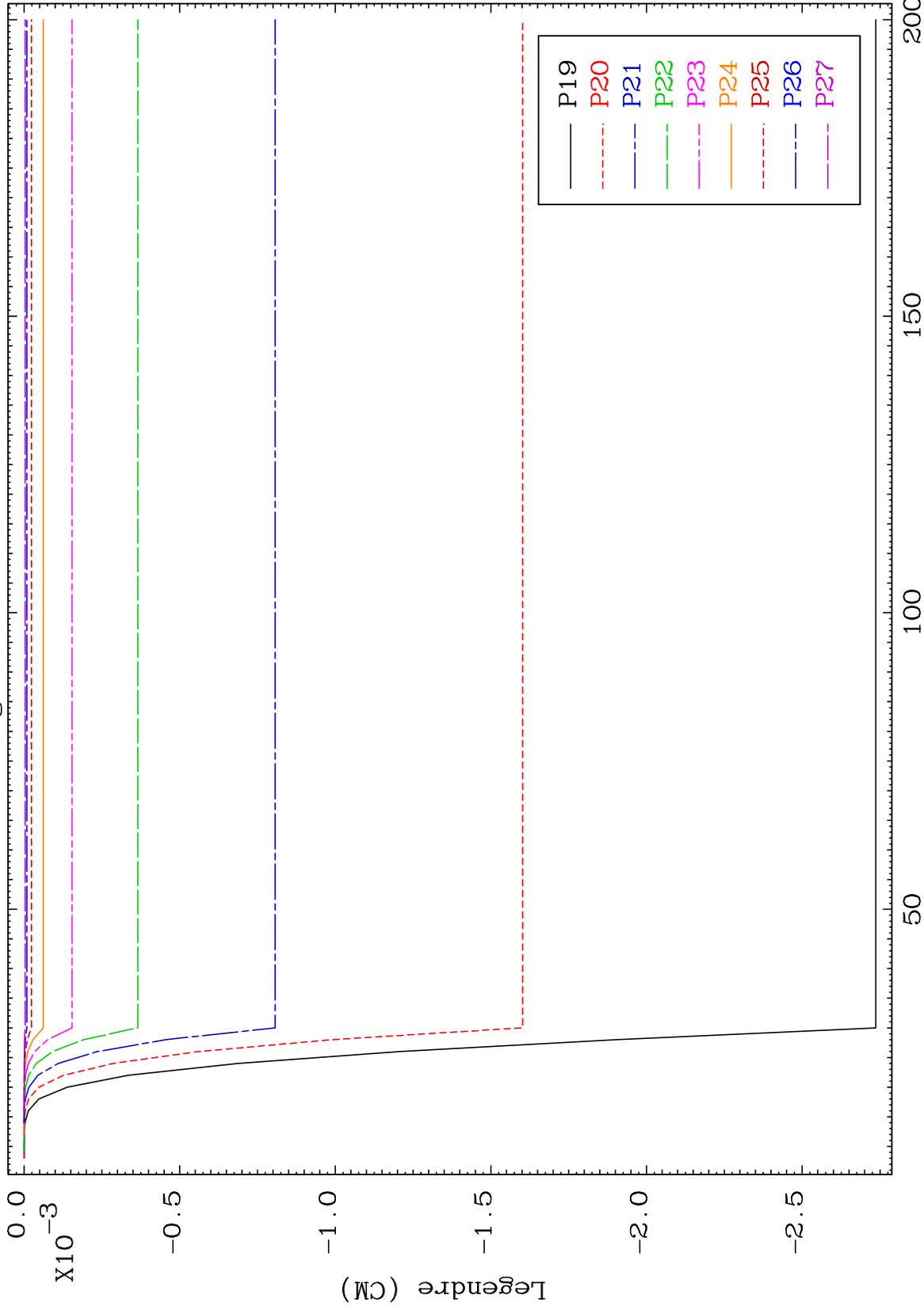
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 75 (n,n') Level
Legendre Coefficients

46-Pd-116



107

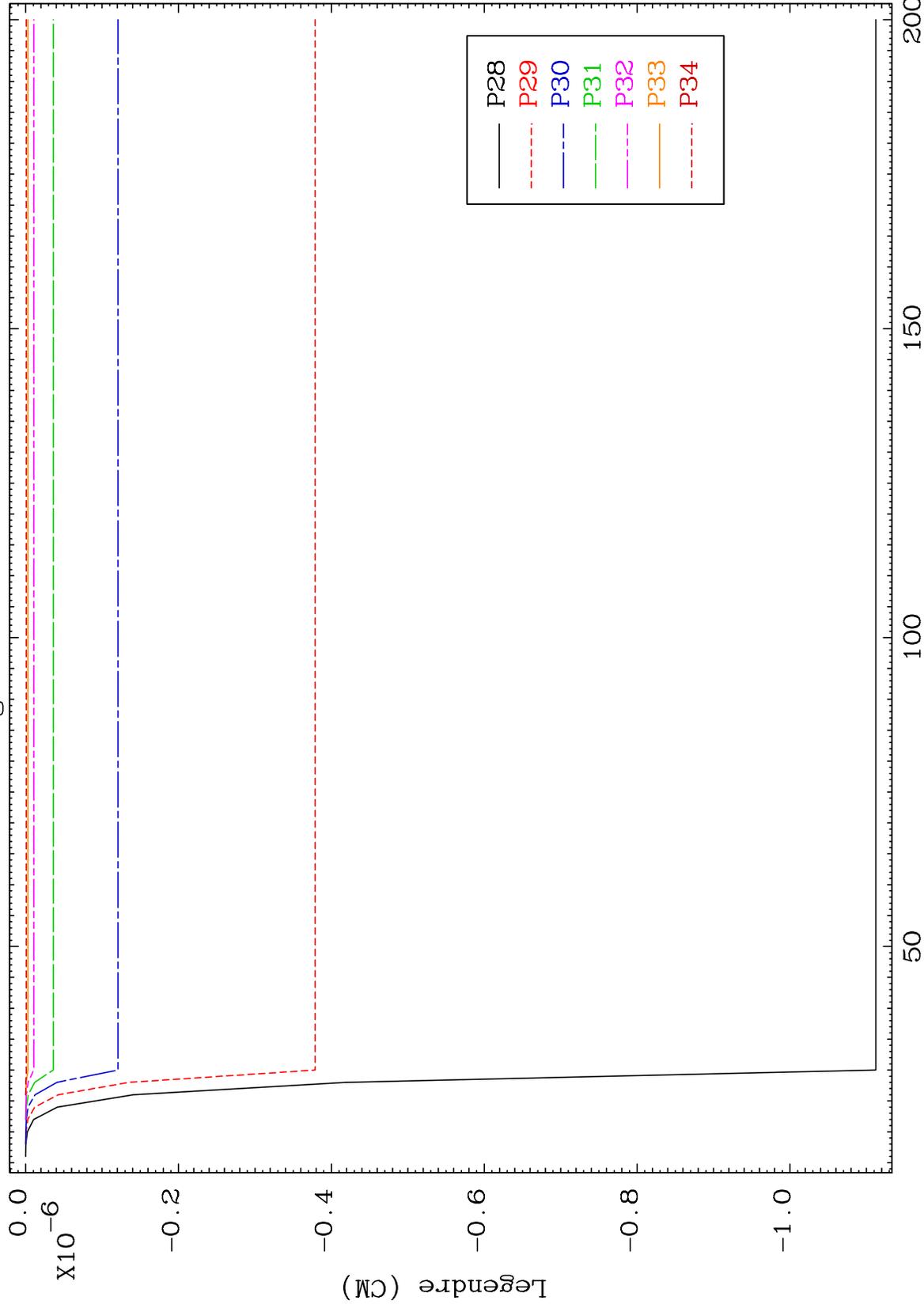
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 75 (n,n') Level
Legendre Coefficients

46-Pd-116



108

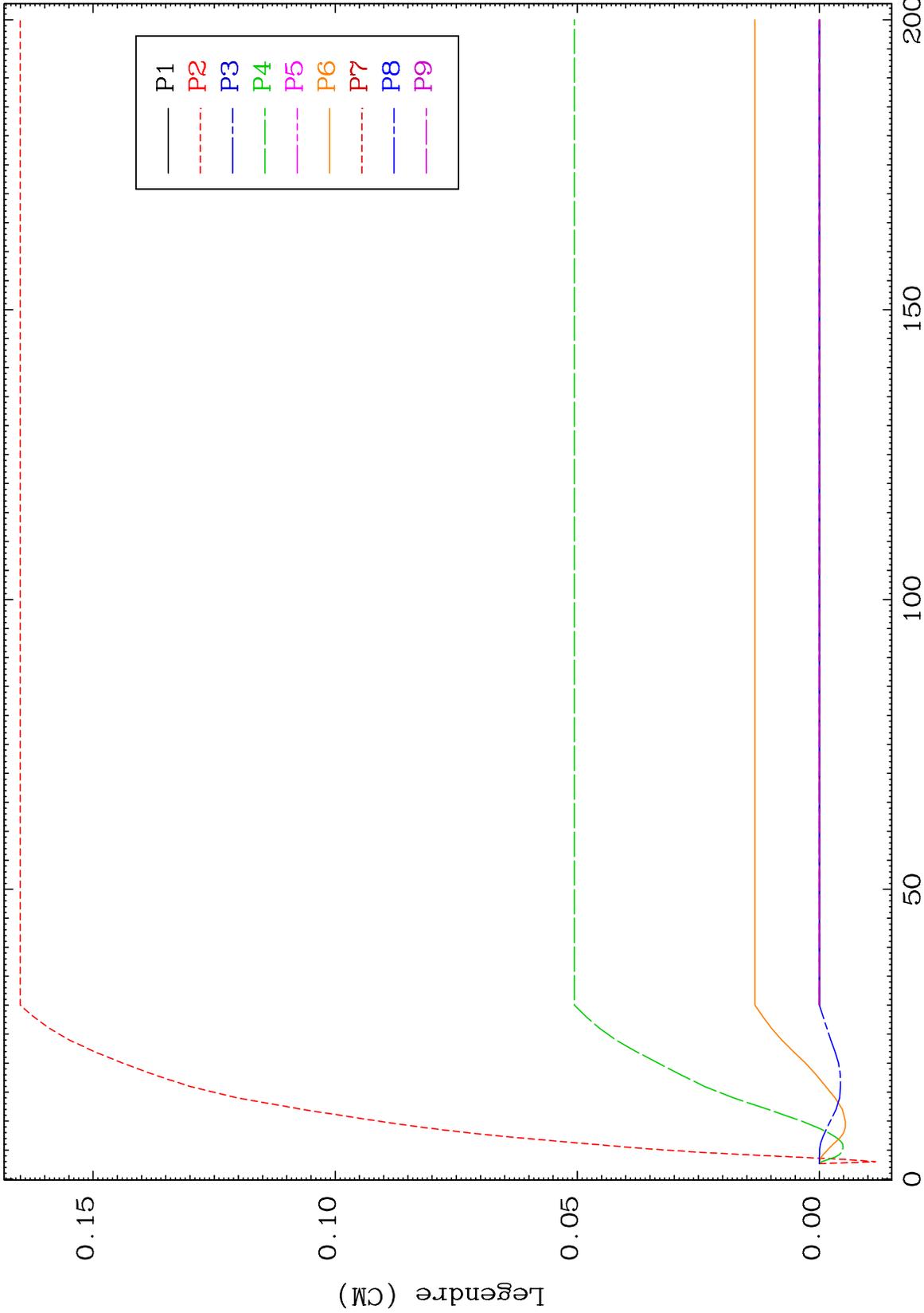
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 76 (n,n') Level
Legendre Coefficients

46-Pd-116



109

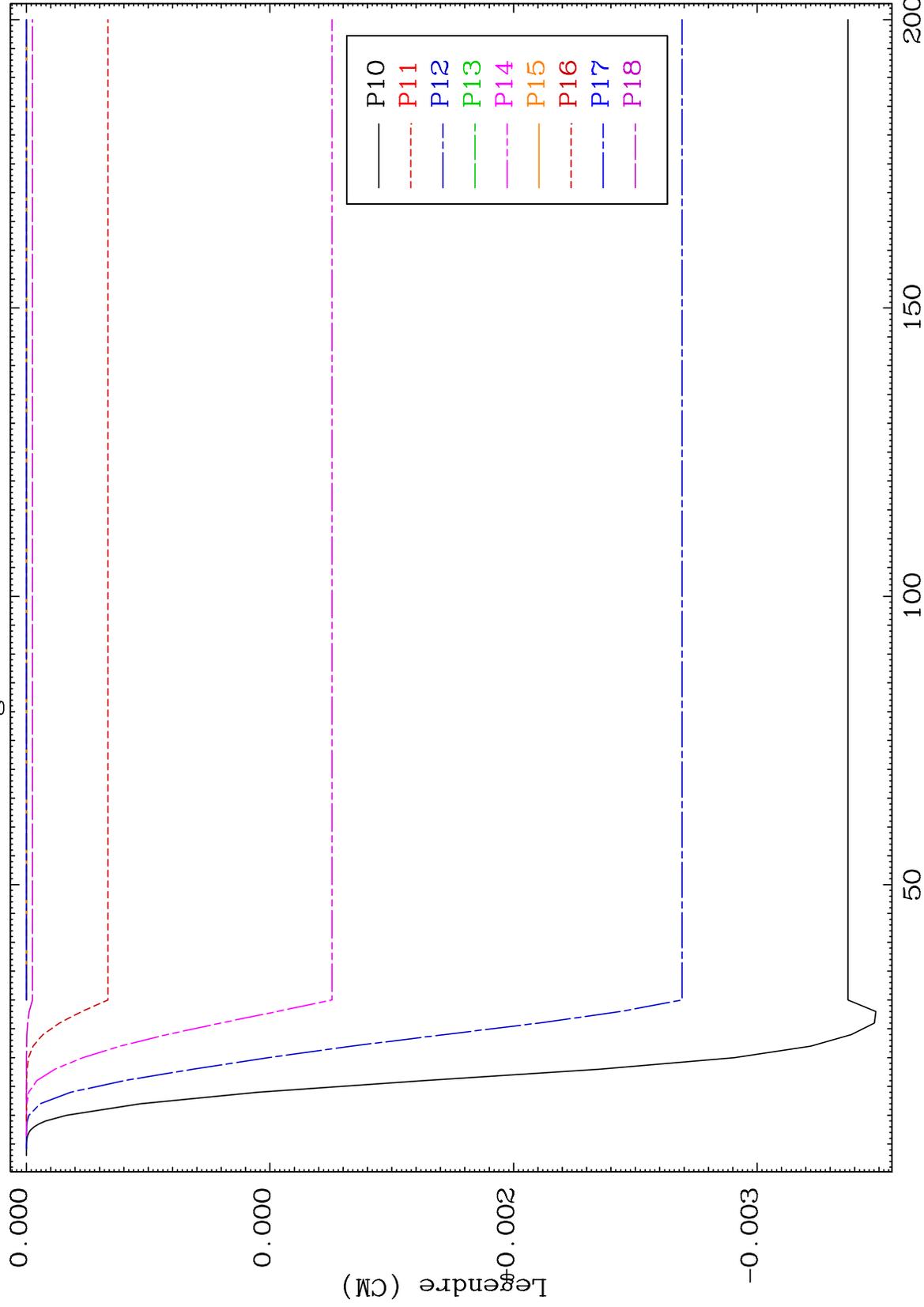
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 76 (n,n') Level
Legendre Coefficients

46-Pd-116



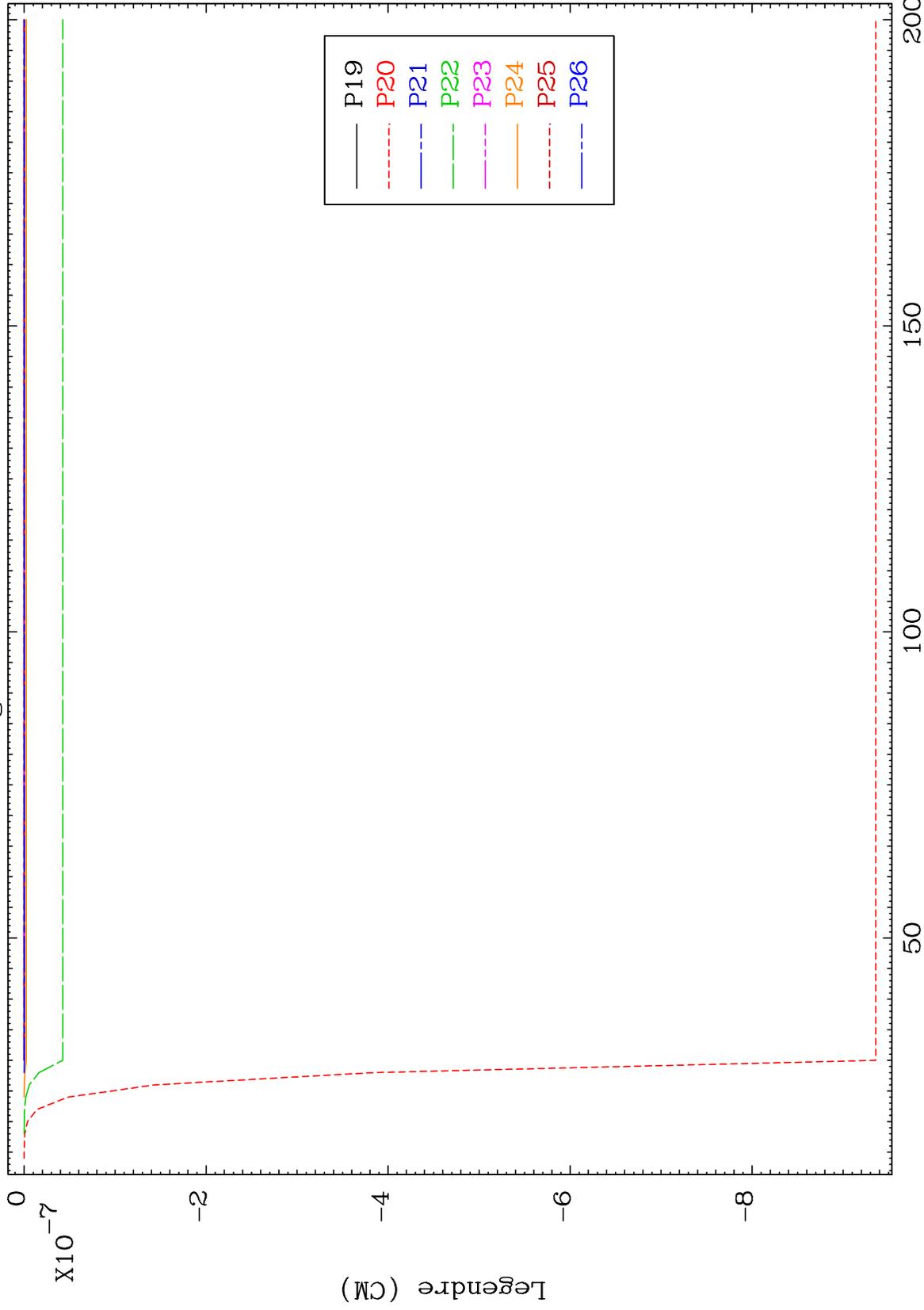
110

46-Pd-116

MAT 4667

MT= 76 (n,n') Level
Legendre Coefficients

46-Pd-116



46-Pd-116

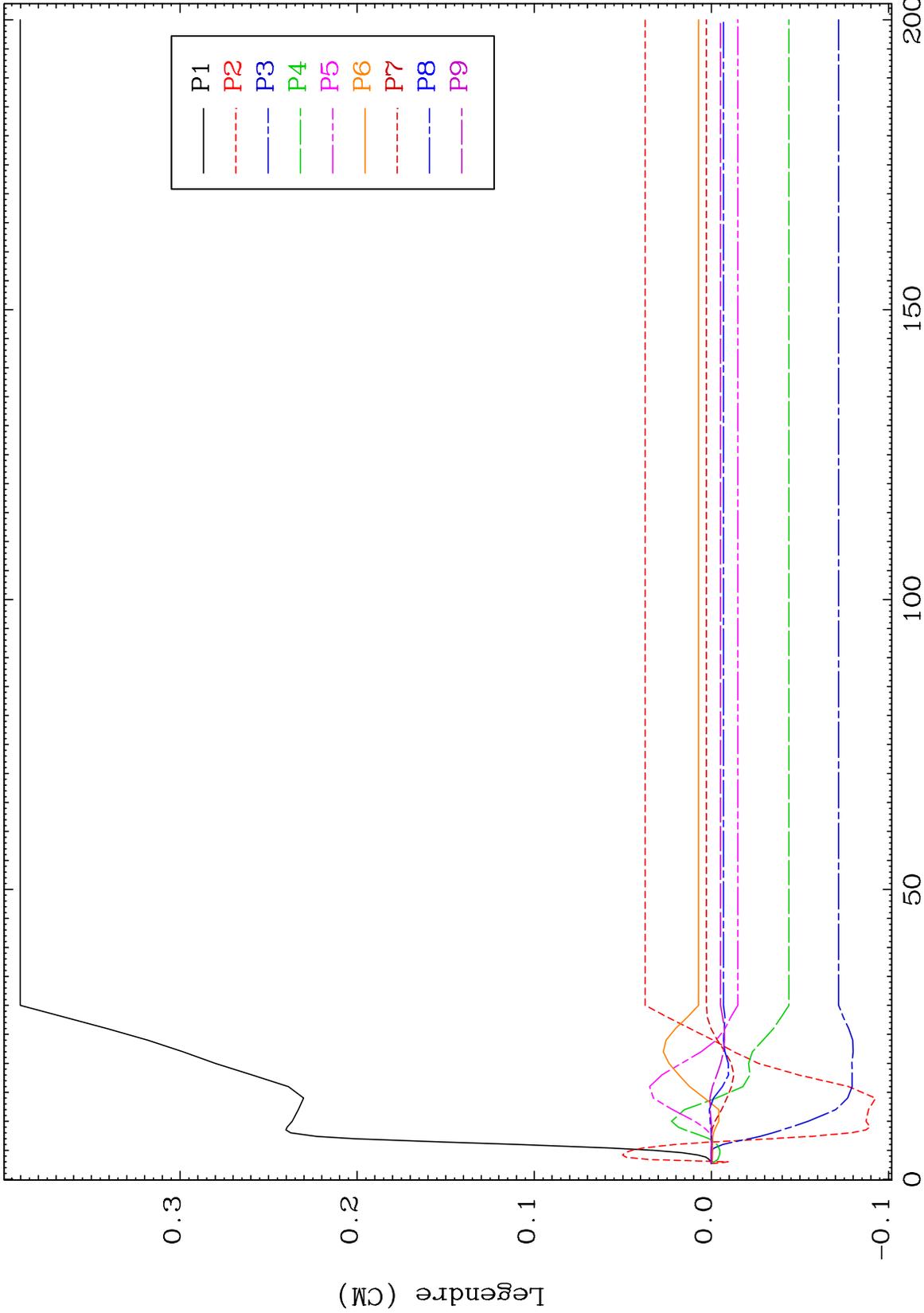
Incident Energy (MeV)

111

MAT 4667

MT= 77 (n,n') Level
Legendre Coefficients

46-Pd-116



112

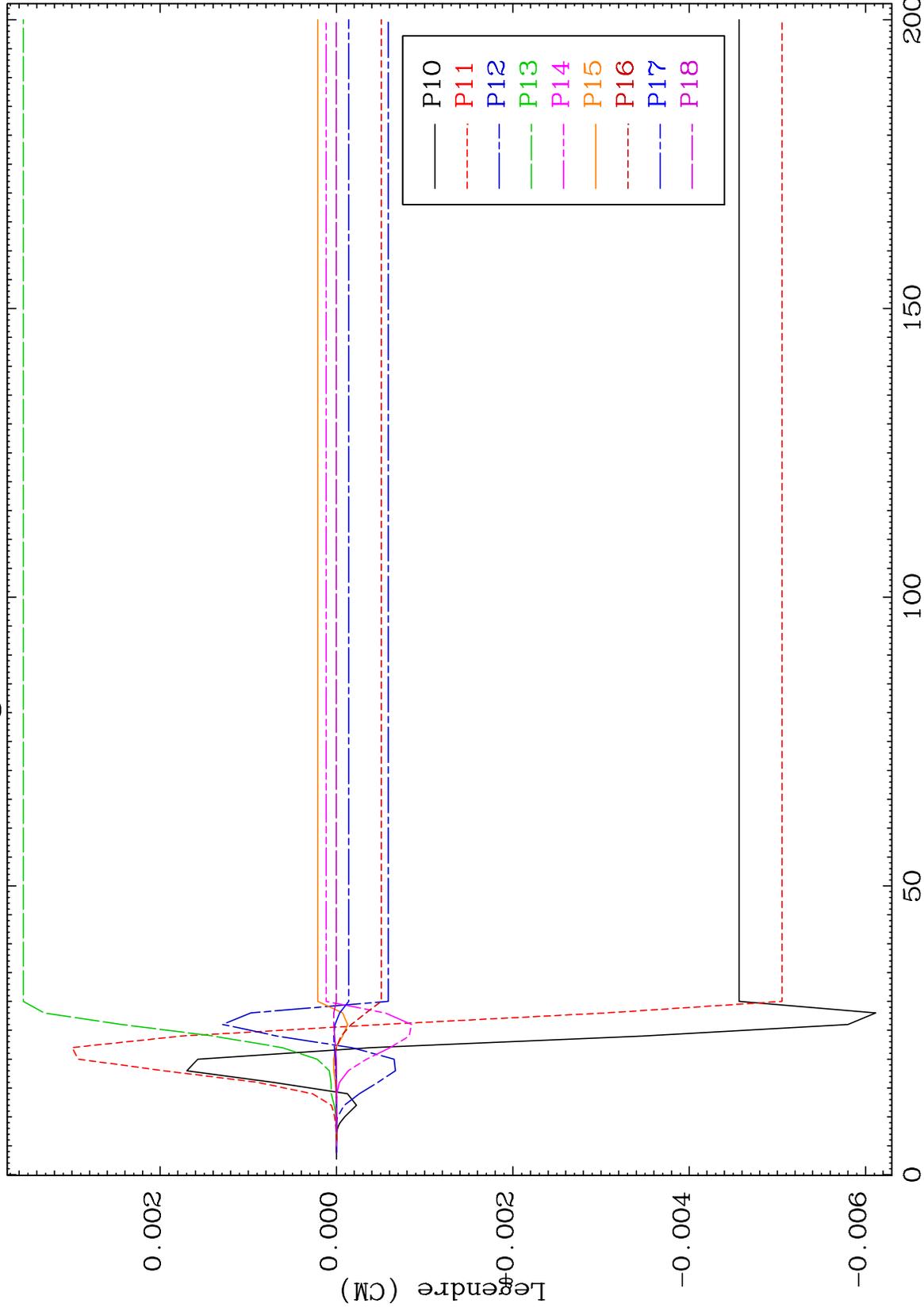
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 77 (n,n') Level
Legendre Coefficients

46-Pd-116



113

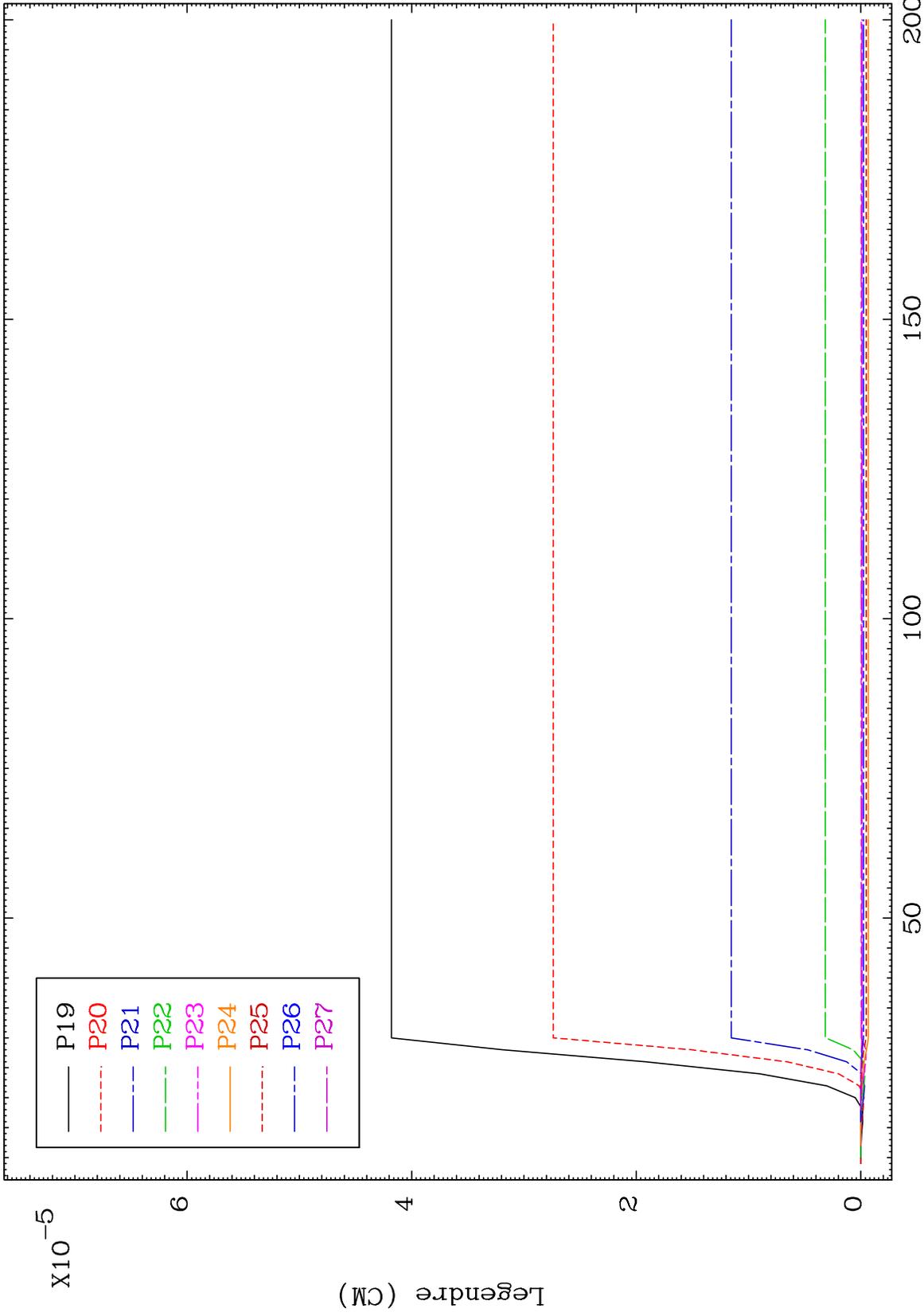
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 77 (n,n') Level
Legendre Coefficients

46-Pd-116



114

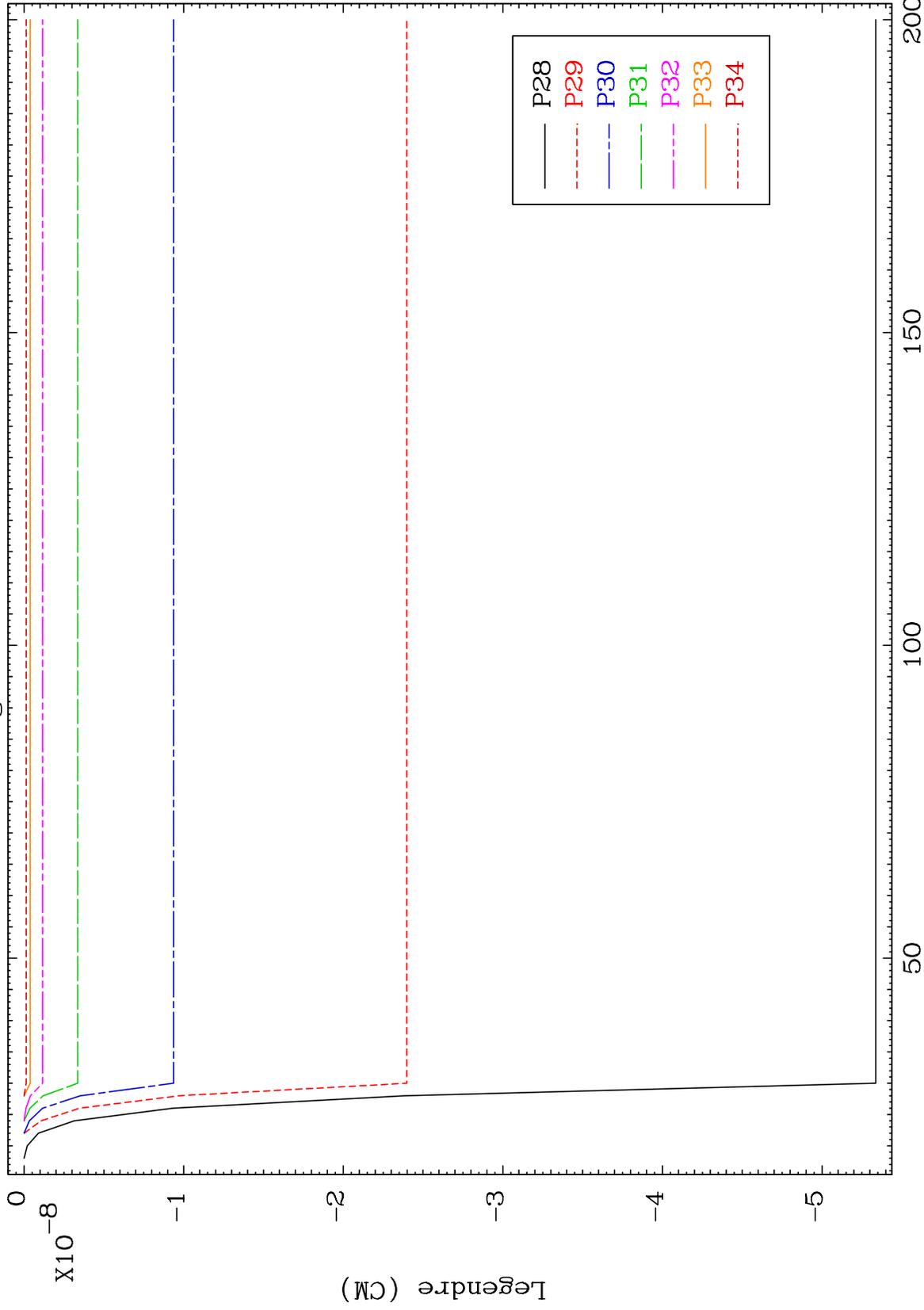
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 77 (n,n') Level
Legendre Coefficients

46-Pd-116



46-Pd-116

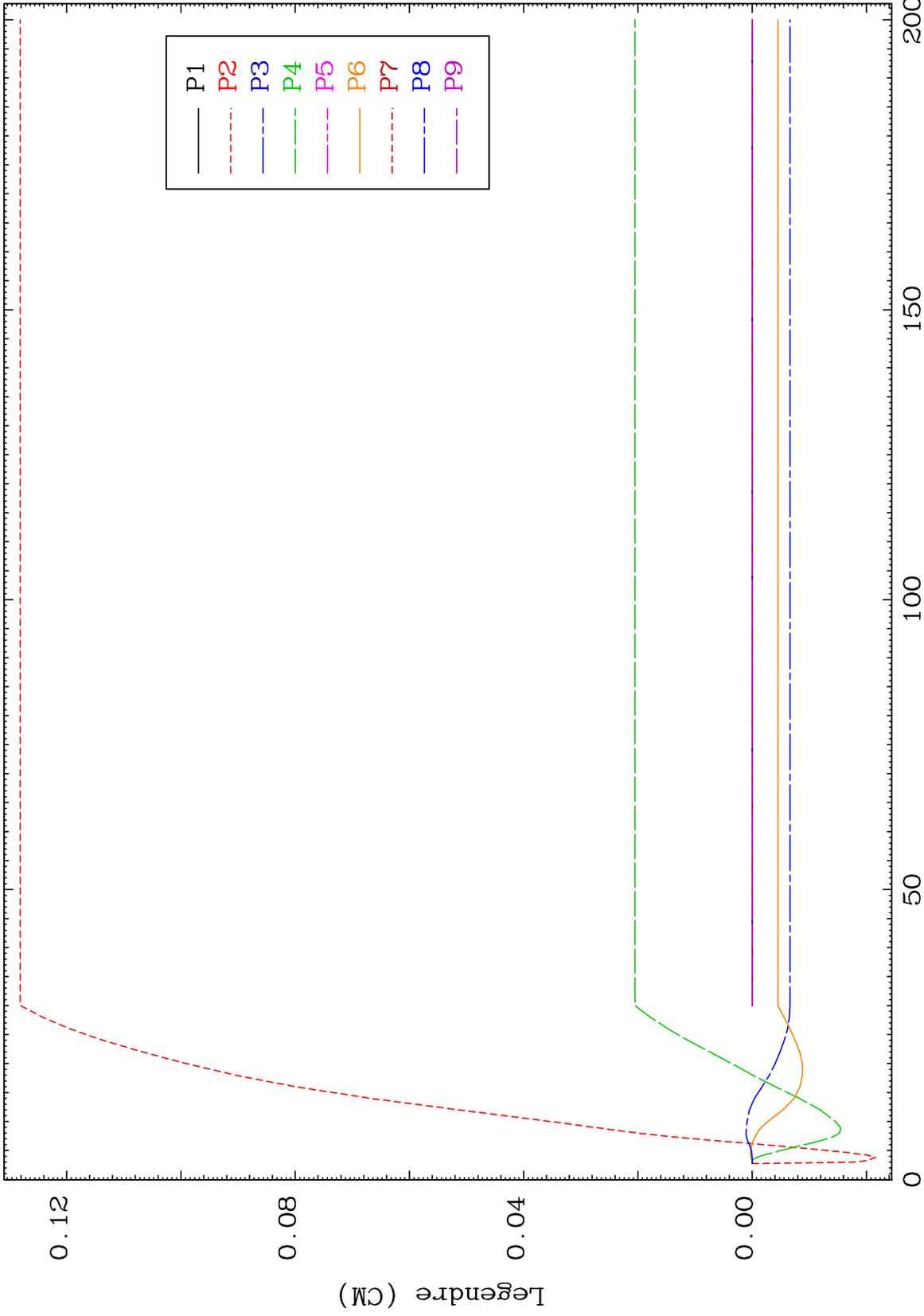
Incident Energy (MeV)

115

MAT 4667

MT= 78 (n,n') Level
Legendre Coefficients

46-Pd-116



116

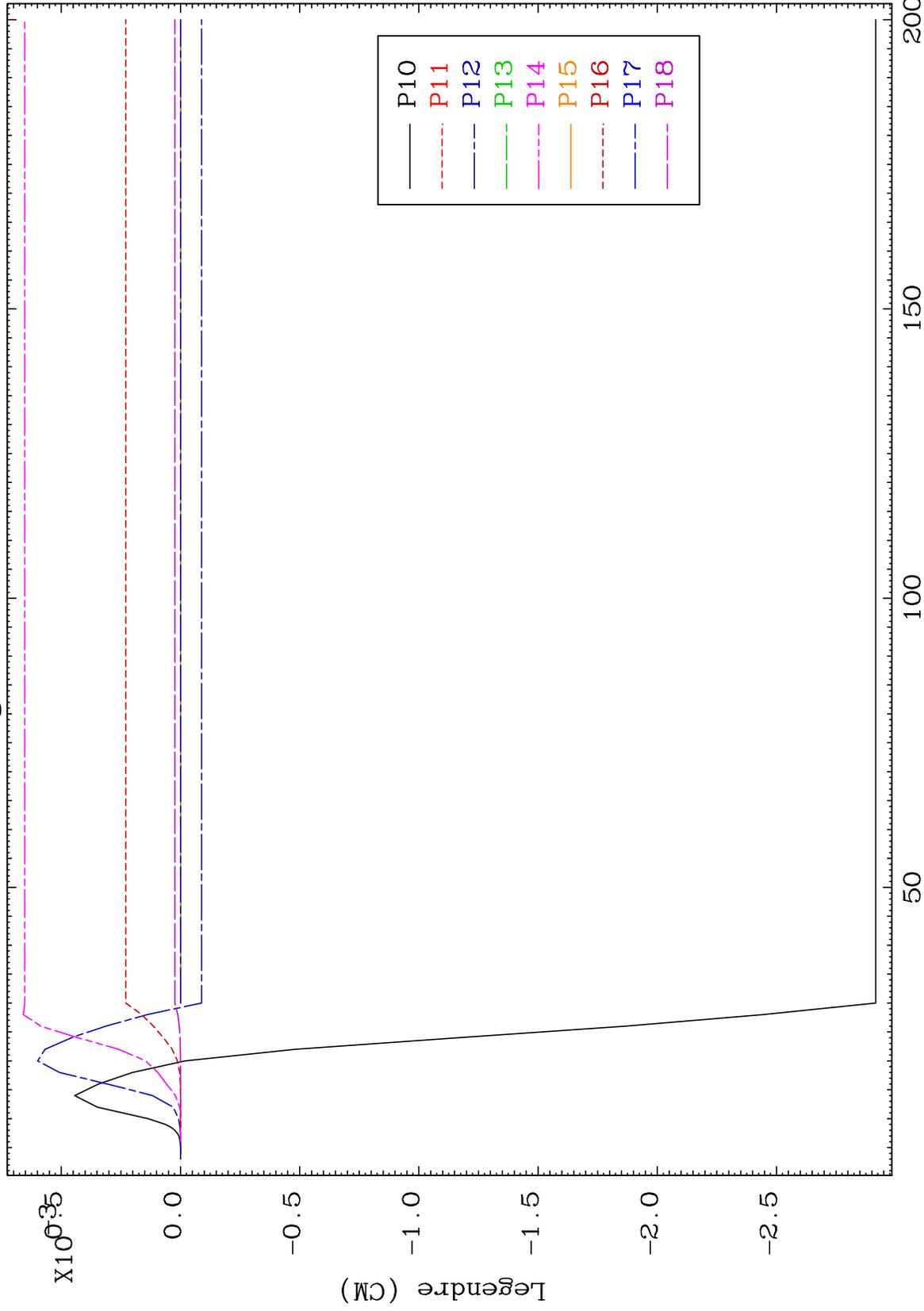
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 78 (n,n') Level
Legendre Coefficients

46-Pd-116



117

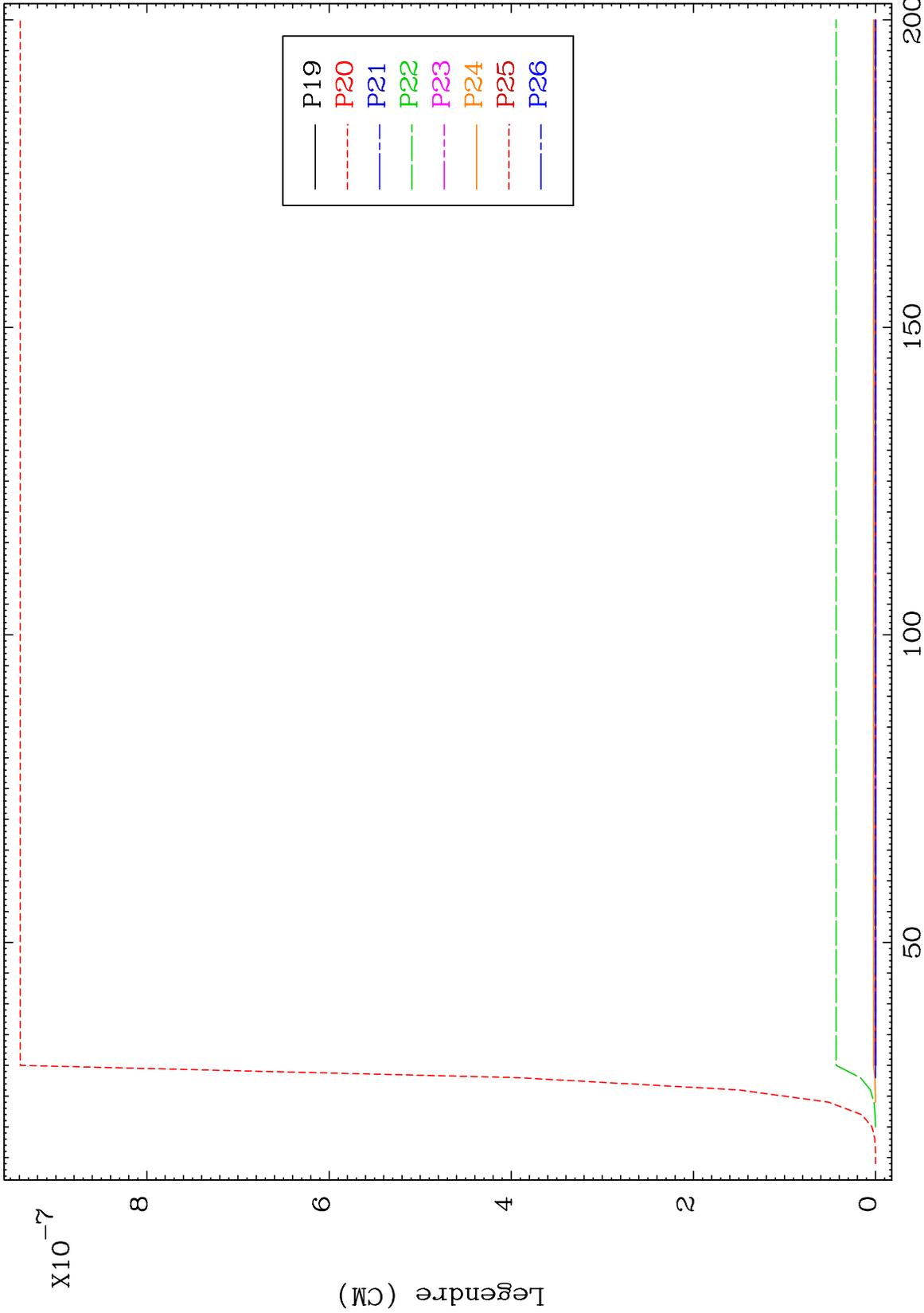
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 78 (n,n') Level
Legendre Coefficients

46-Pd-116



118

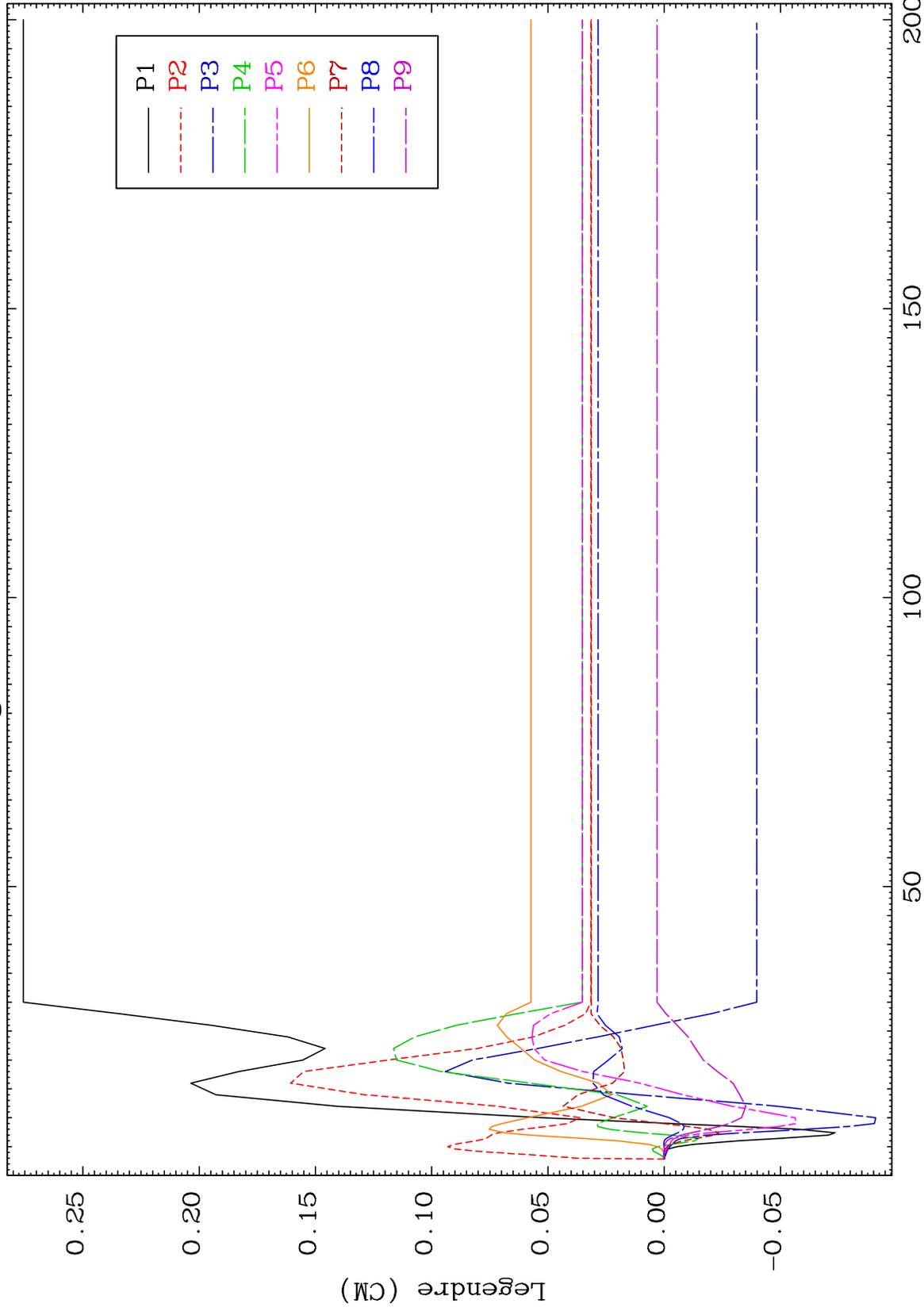
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-116



119

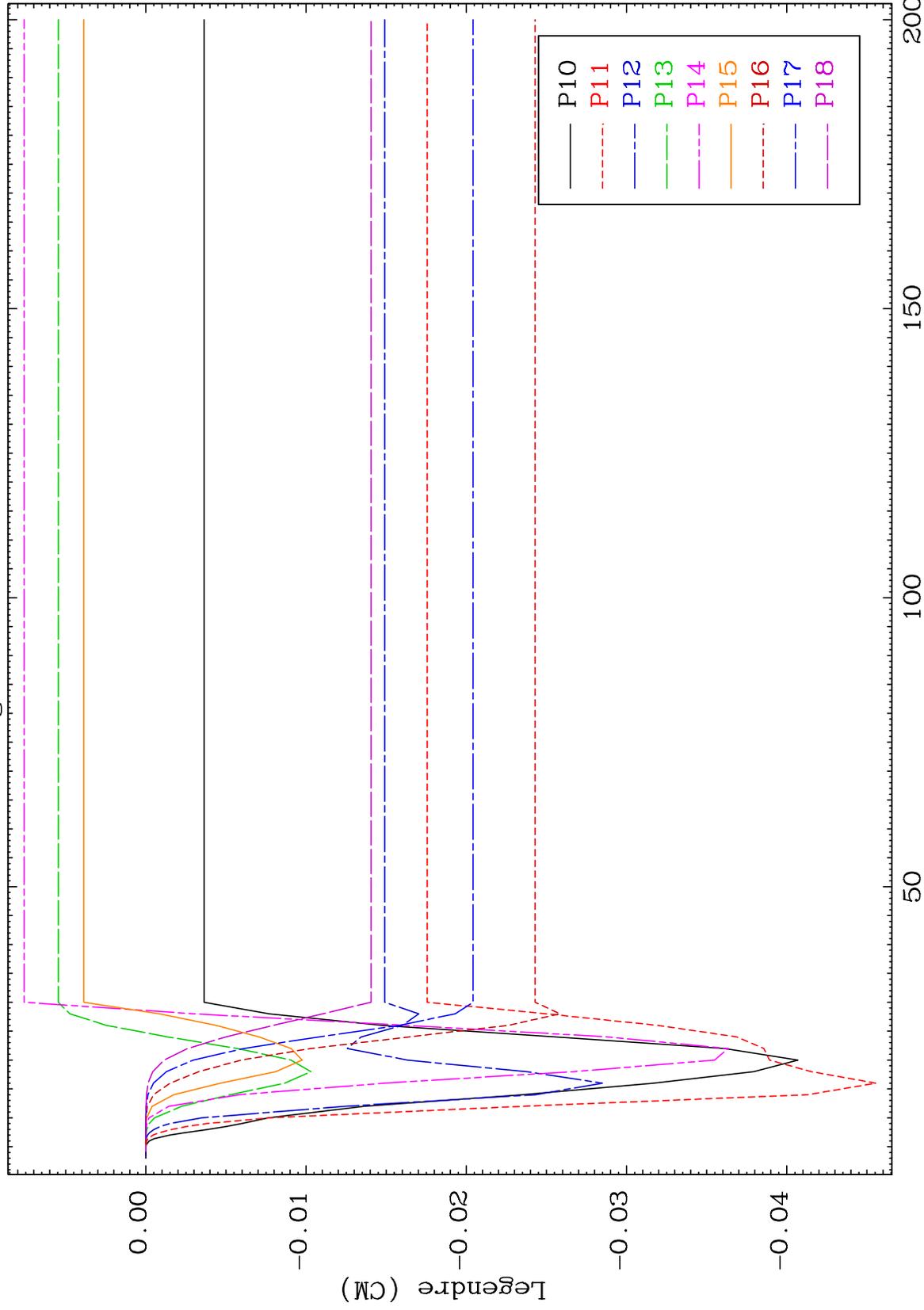
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-116



46-Pd-116

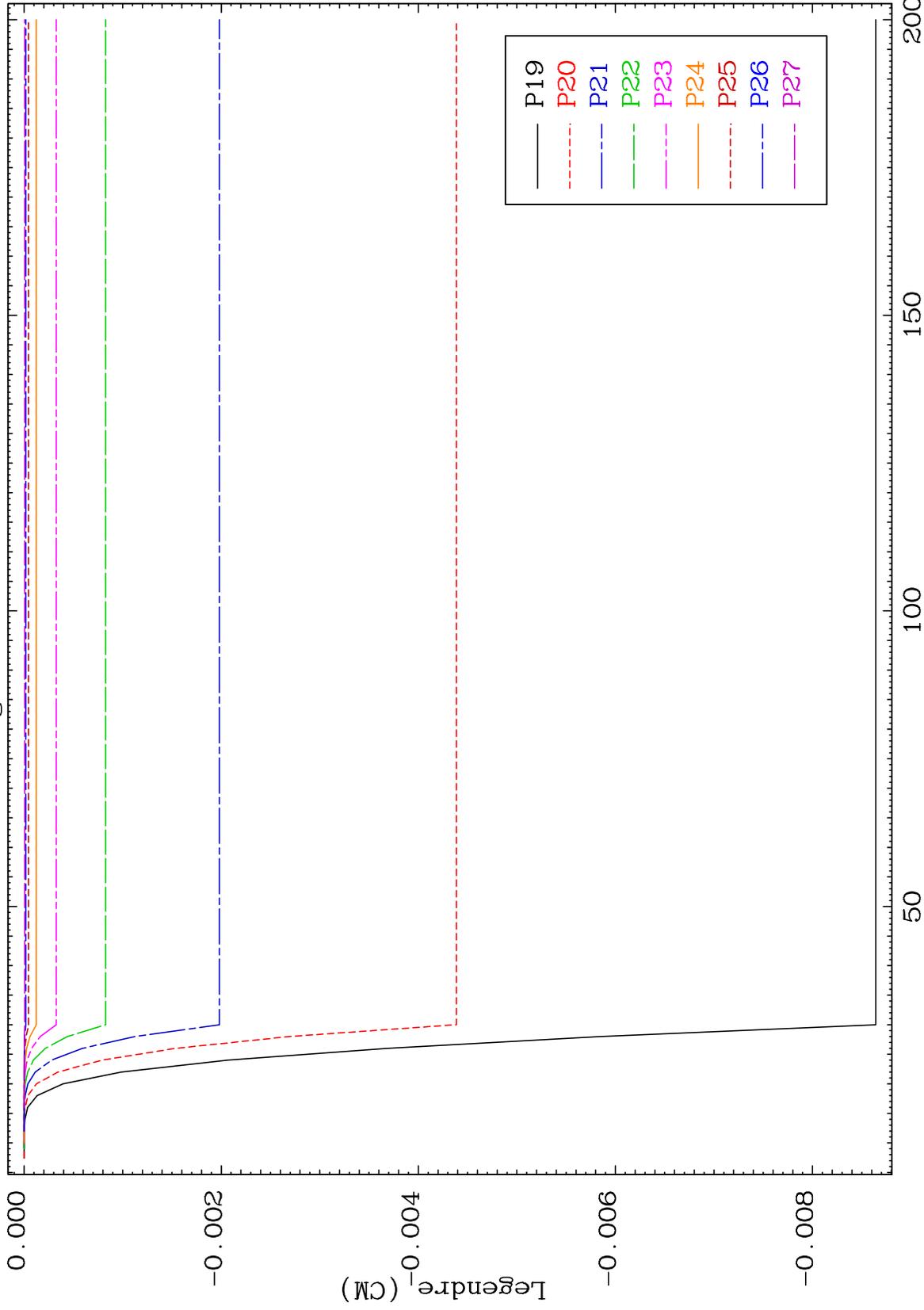
Incident Energy (MeV)

120

MAT 4667

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-116



121

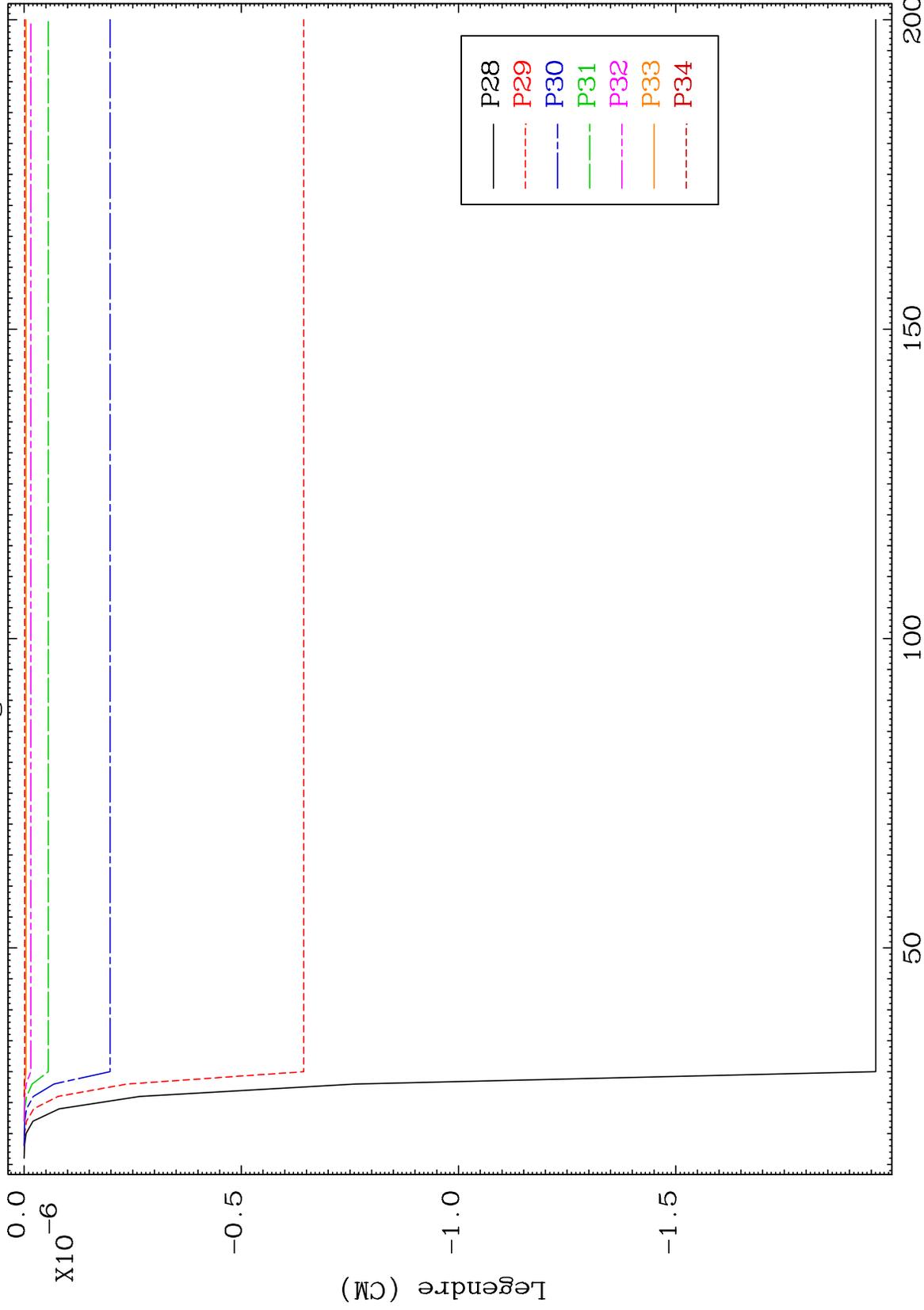
Incident Energy (MeV)

46-Pd-116

MAT 4667

MT= 79 (n,n') Level
Legendre Coefficients

46-Pd-116



122

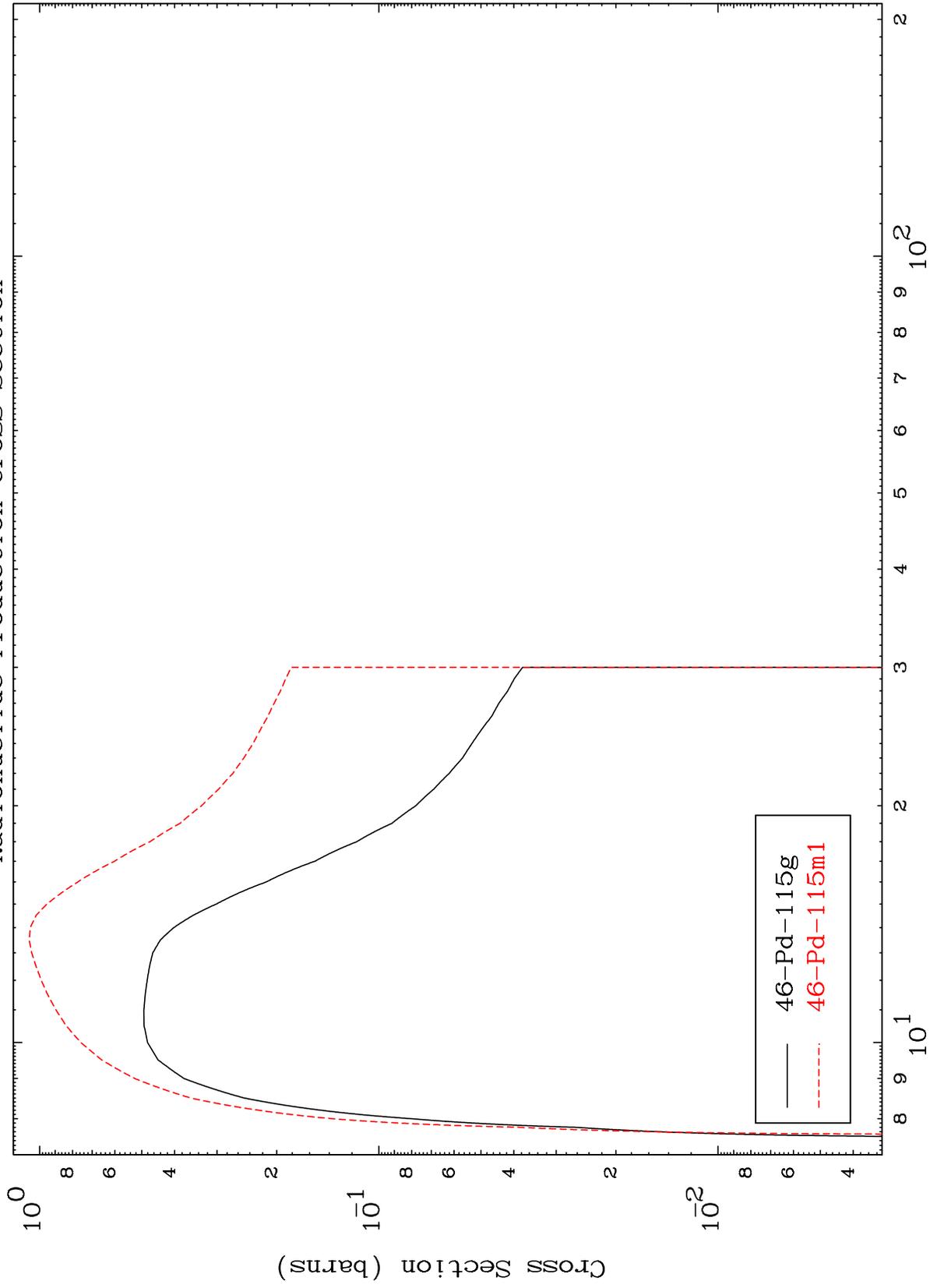
Incident Energy (MeV)

46-Pd-116

MAT 4667

46-Pd-116

(n,2n)
Radionuclide Production Cross Section



123

Incident Energy (MeV)

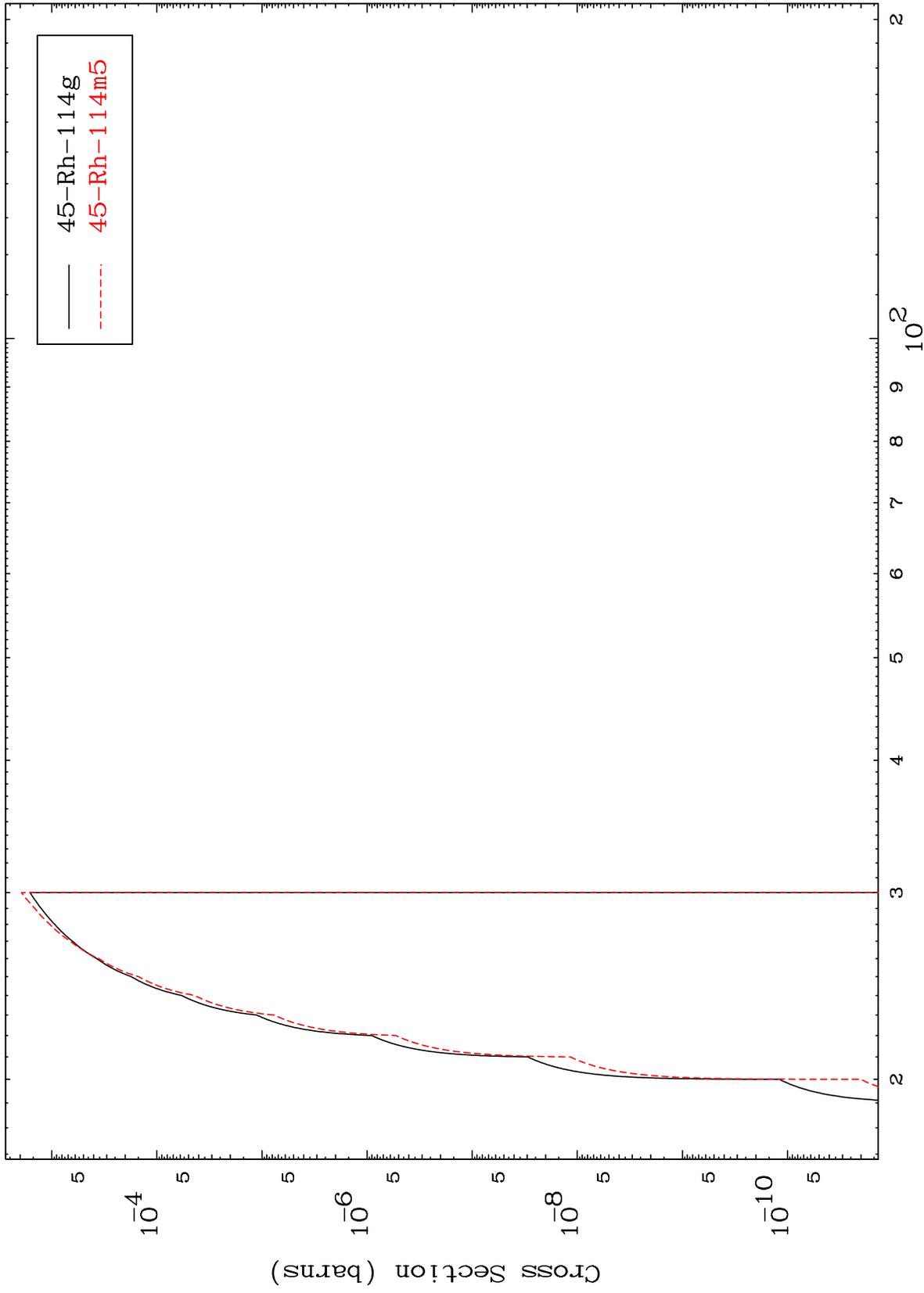
46-Pd-116

MAT 4667

(n,n') d

46-Pd-116

Radionuclide Production Cross Section



124

Incident Energy (MeV)

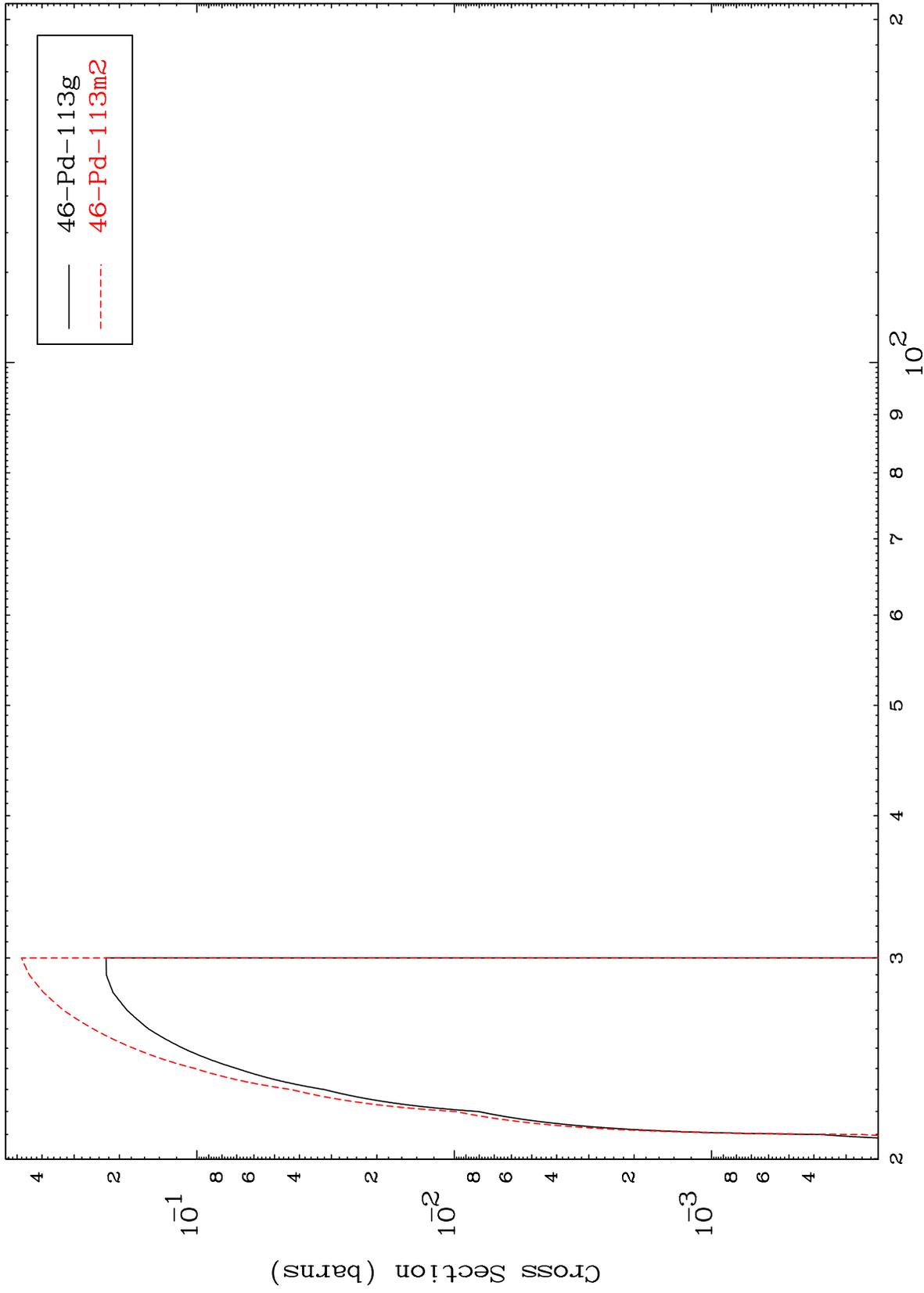
46-Pd-116

MAT 4667

(n,4n)

46-Pd-116

Radionuclide Production Cross Section



125

Incident Energy (MeV)

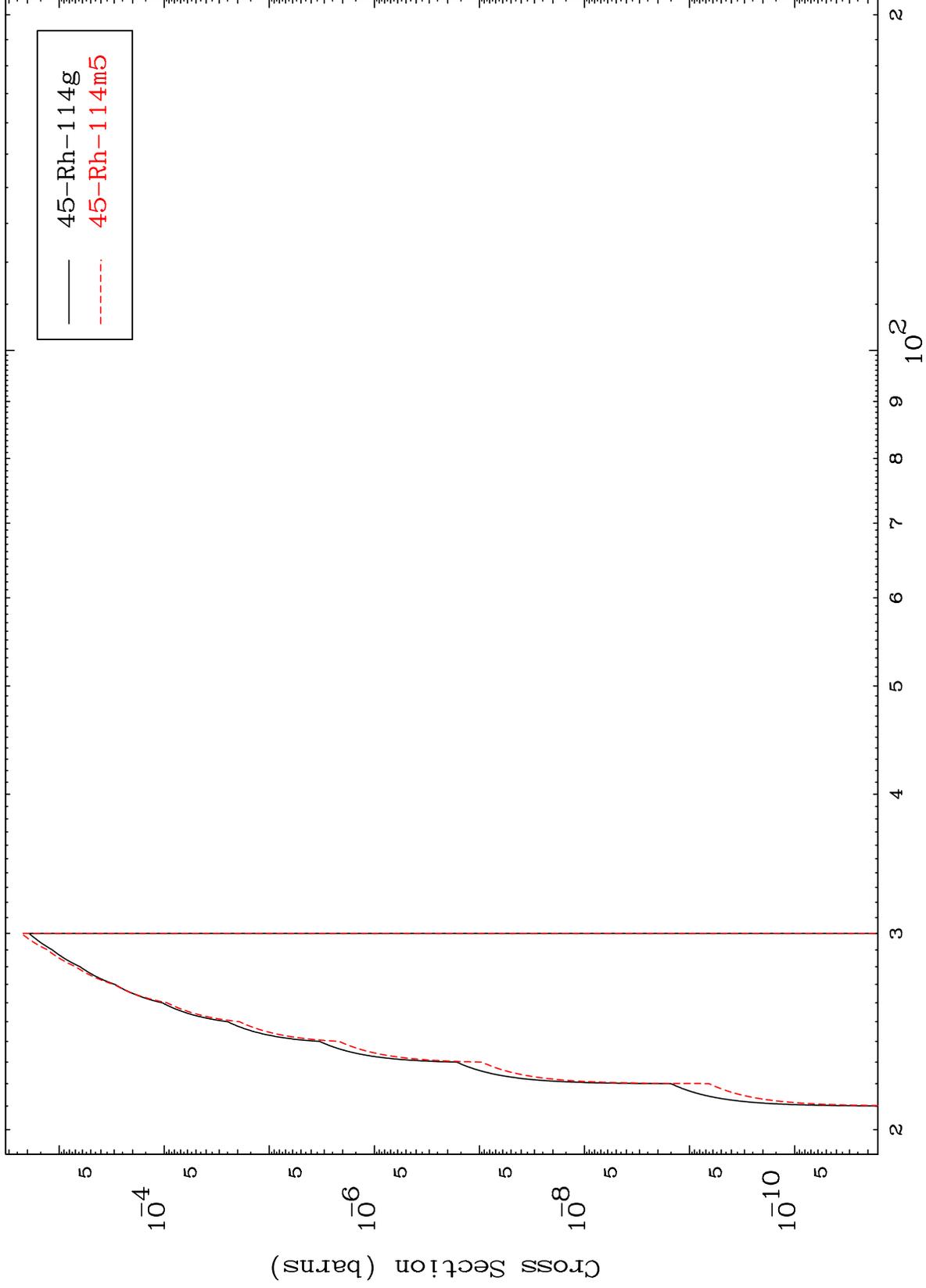
46-Pd-116

MAT 4667

(n,2n) p

46-Pd-116

Radionuclide Production Cross Section



126

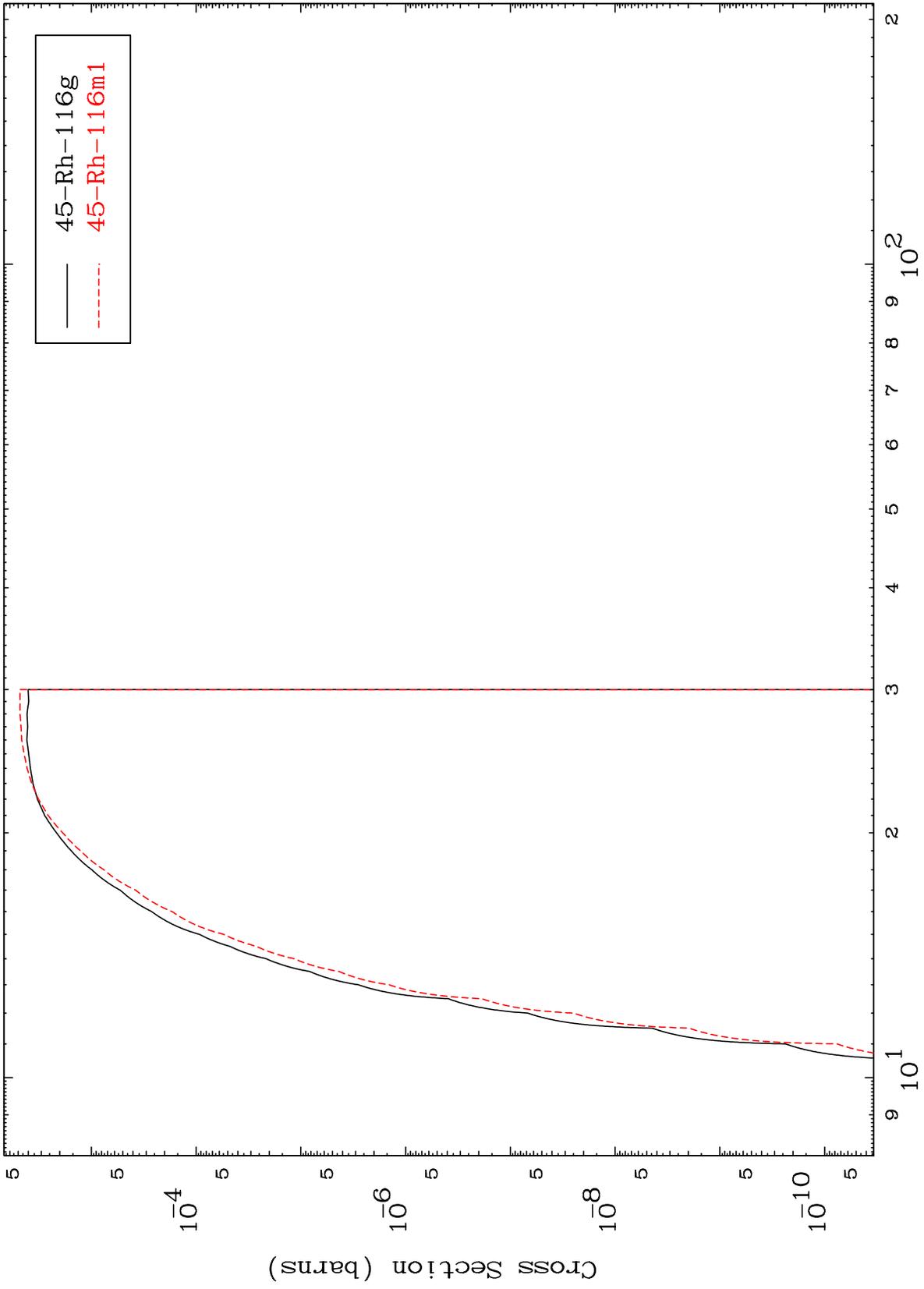
Incident Energy (MeV)

46-Pd-116

MAT 4667

46-Pd-116

(n,p)
Radionuclide Production Cross Section



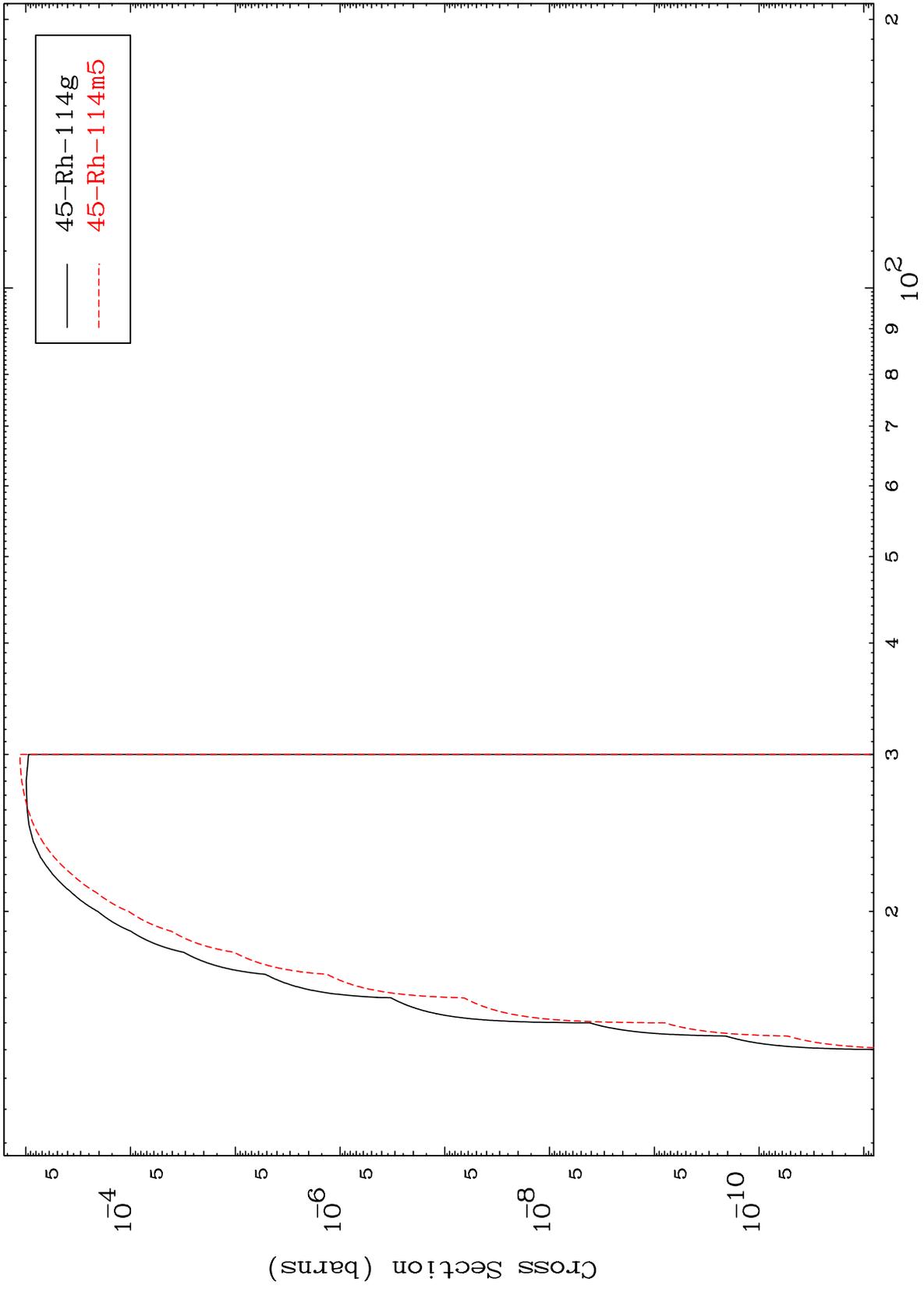
127

46-Pd-116

MAT 4667

46-Pd-116

(n, t)
Radionuclide Production Cross Section



128

46-Pd-116

Incident Energy (MeV)