

Program EVALPLOT
(Version 2018-1)

by

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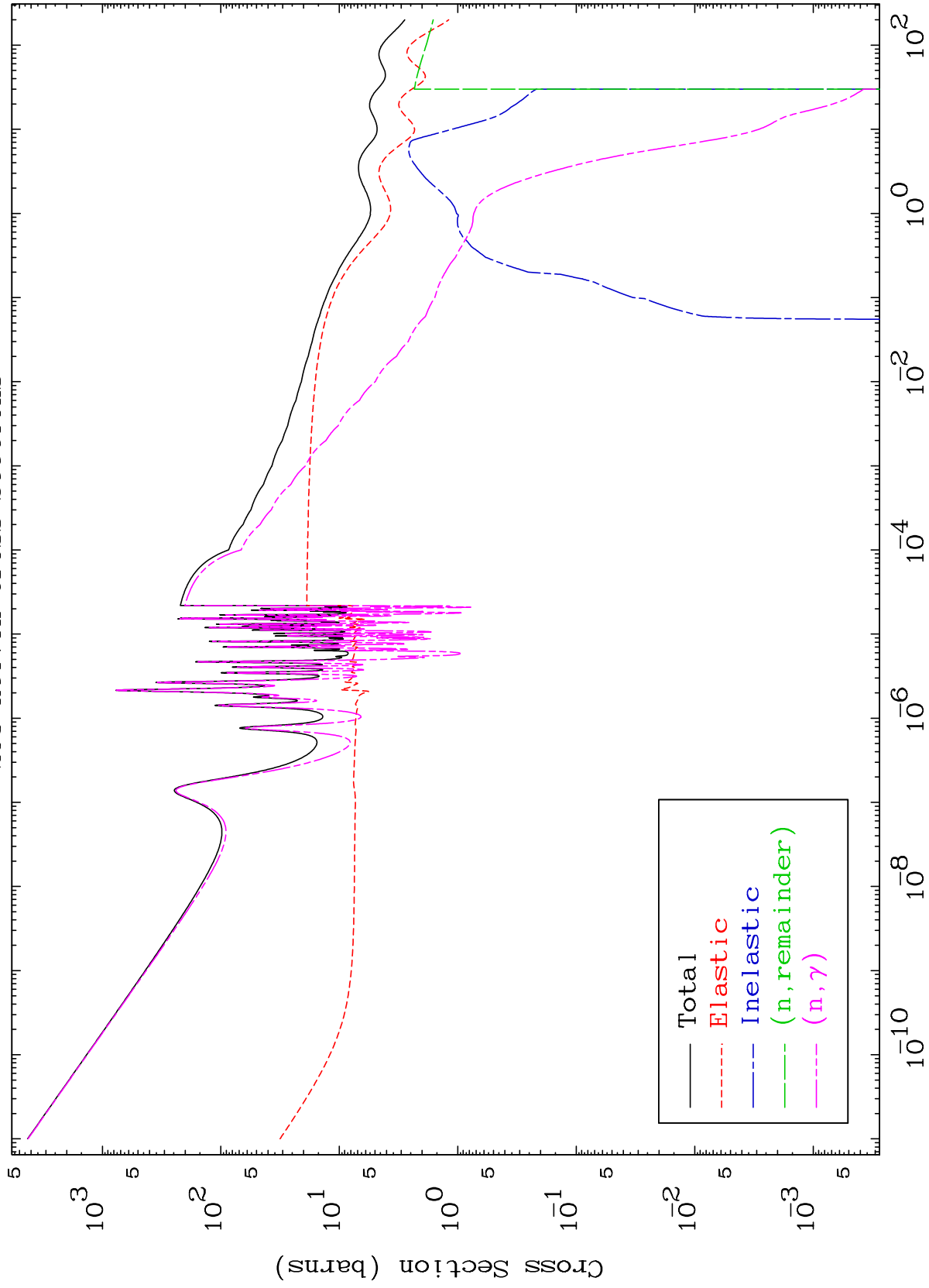
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7716

Major
293 Kelvin Cross Sections

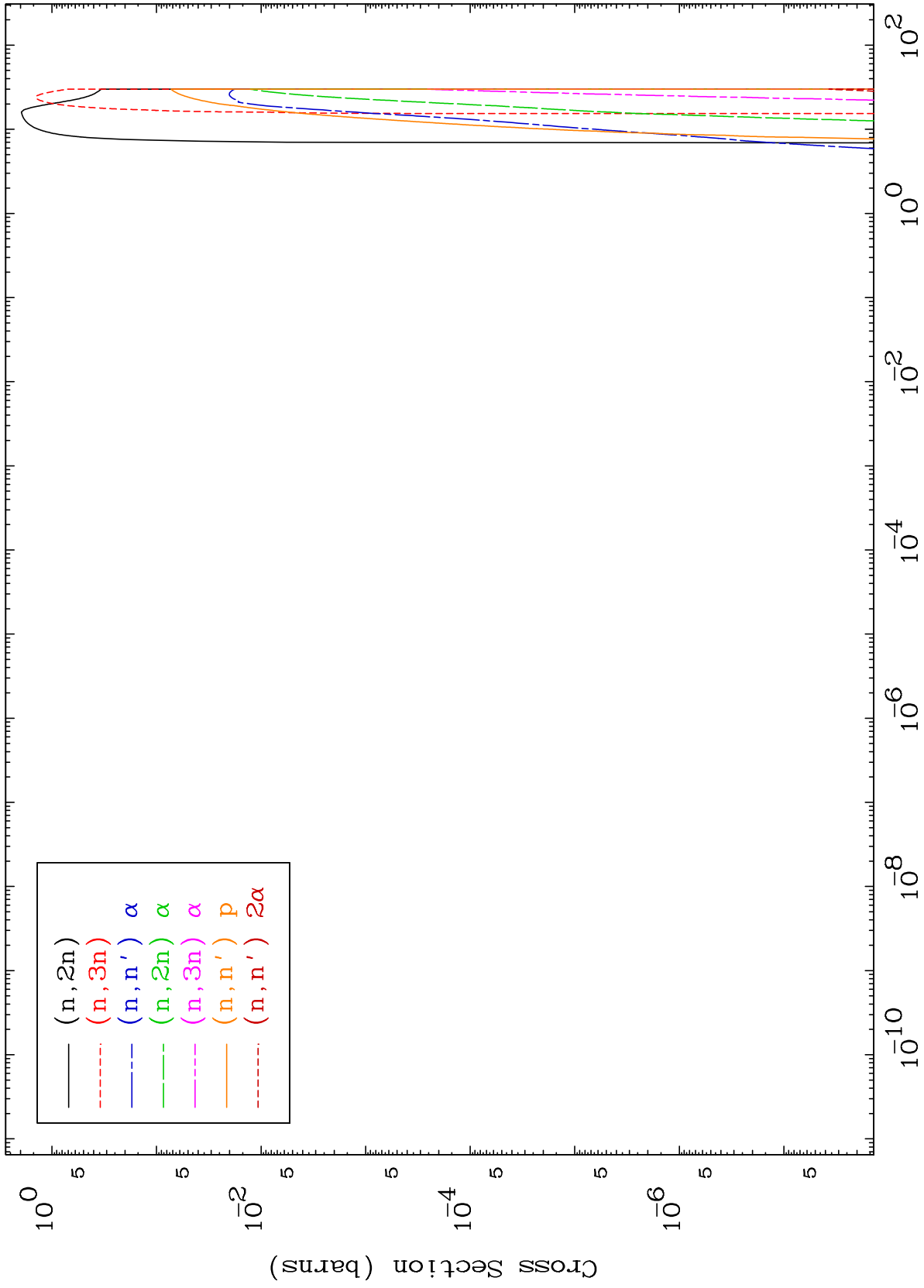
77-Ir-188



MAT 7716

Neutron Production
293 Kelvin Cross Sections

77-Ir-188

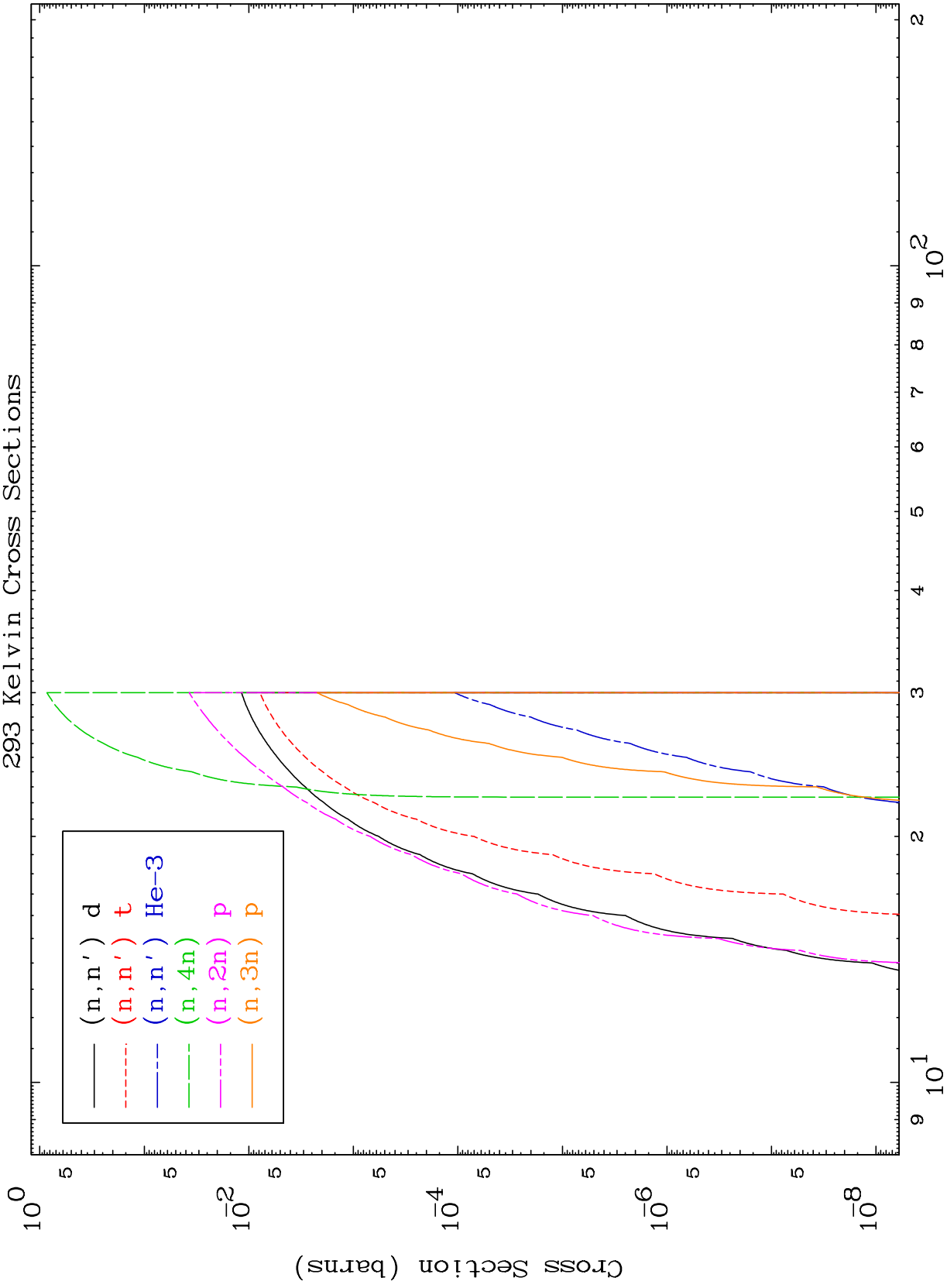


77-Ir-188

MAT 7716

Neutron Production
293 Kelvin Cross Sections

77-Ir-188



3

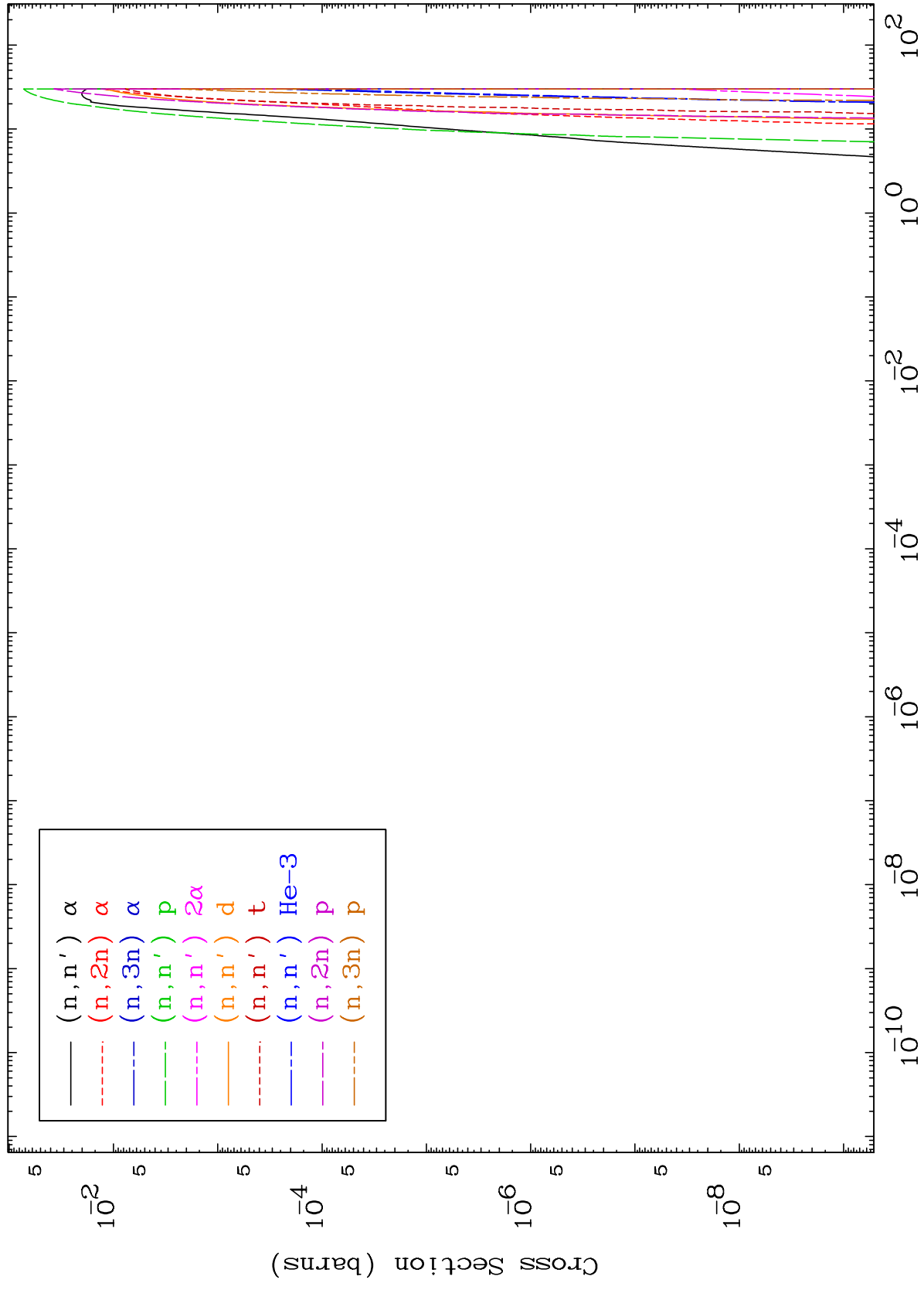
Incident Energy (MeV)

77-Ir-188

MAT 7716

Charged Particle
293 Kelvin Cross Sections

77-Ir-188

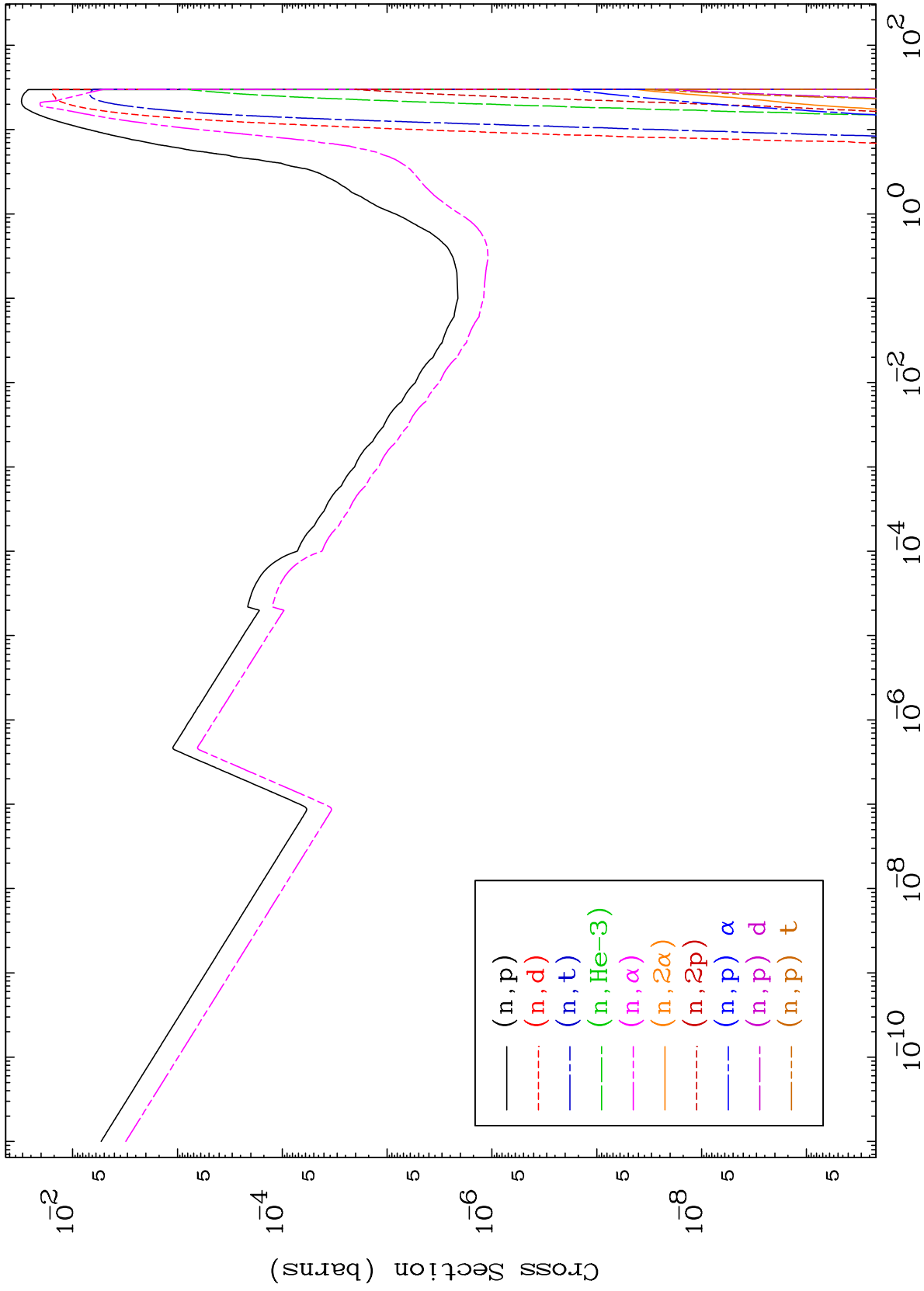


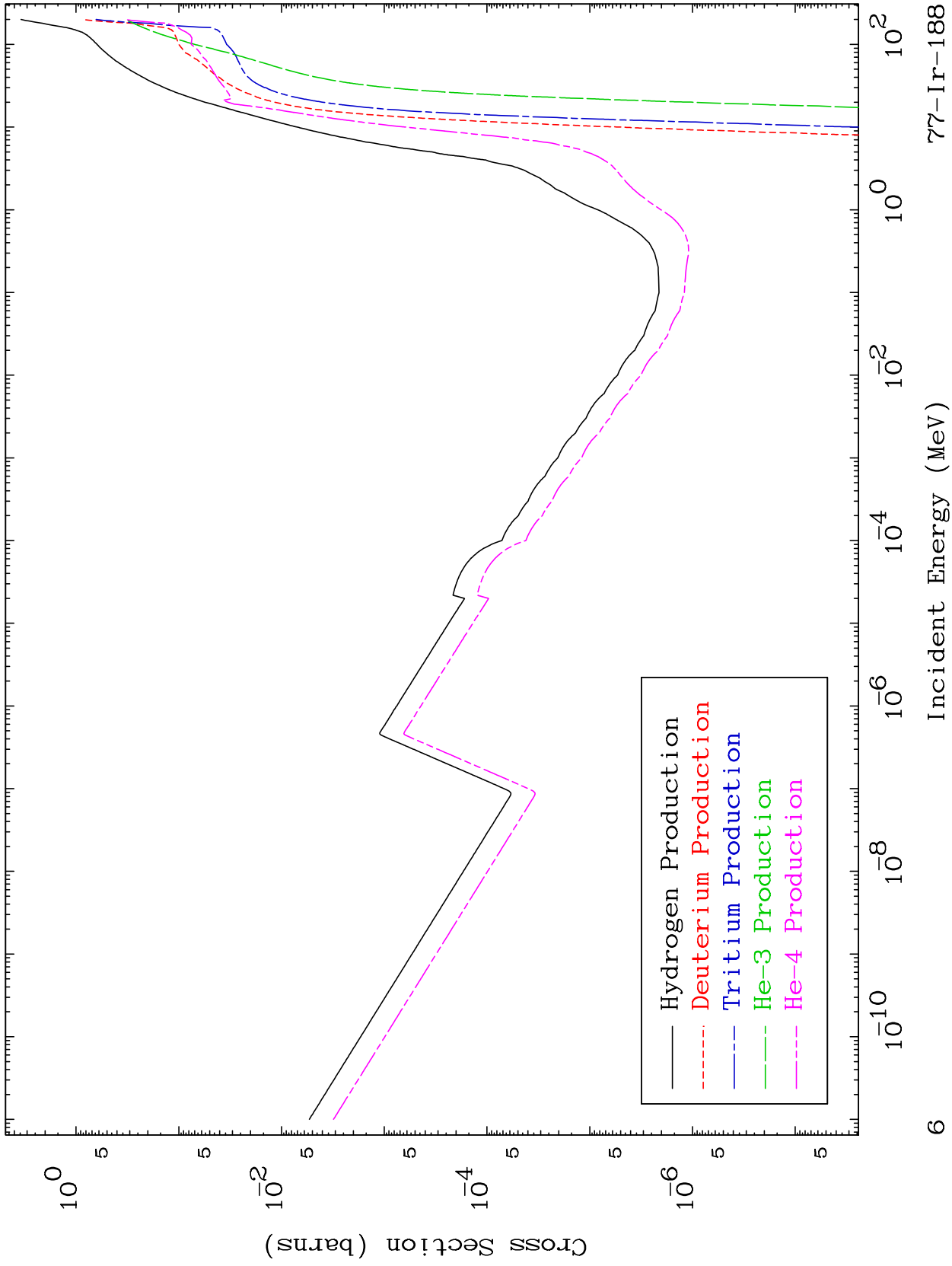
77-Ir-188

MAT 7716

293 Kelvin Cross Sections

77-Ir-188

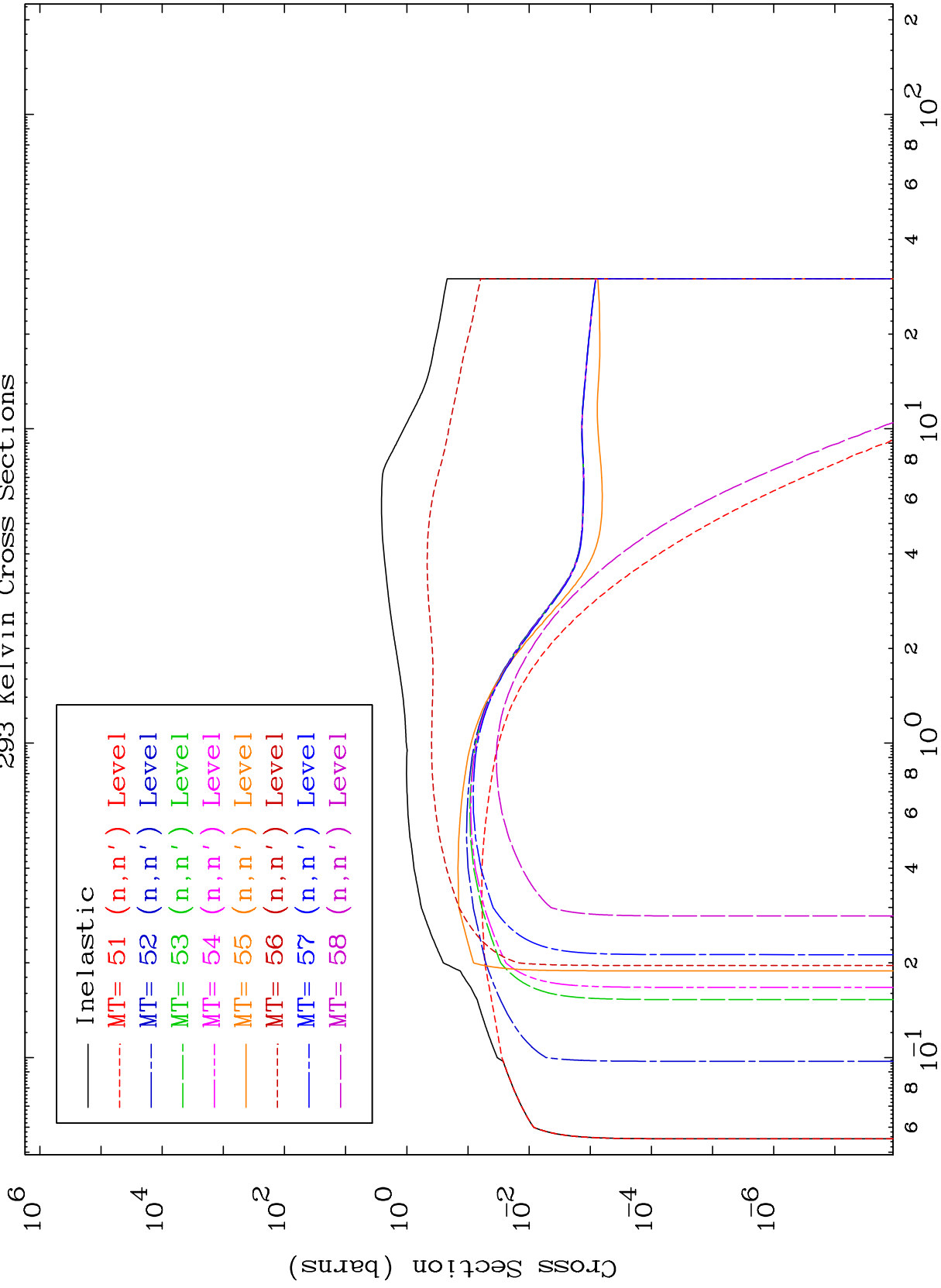




MAT 7716

293 Kelvin Cross Sections

77-Ir-188



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Incident Energy (MeV)

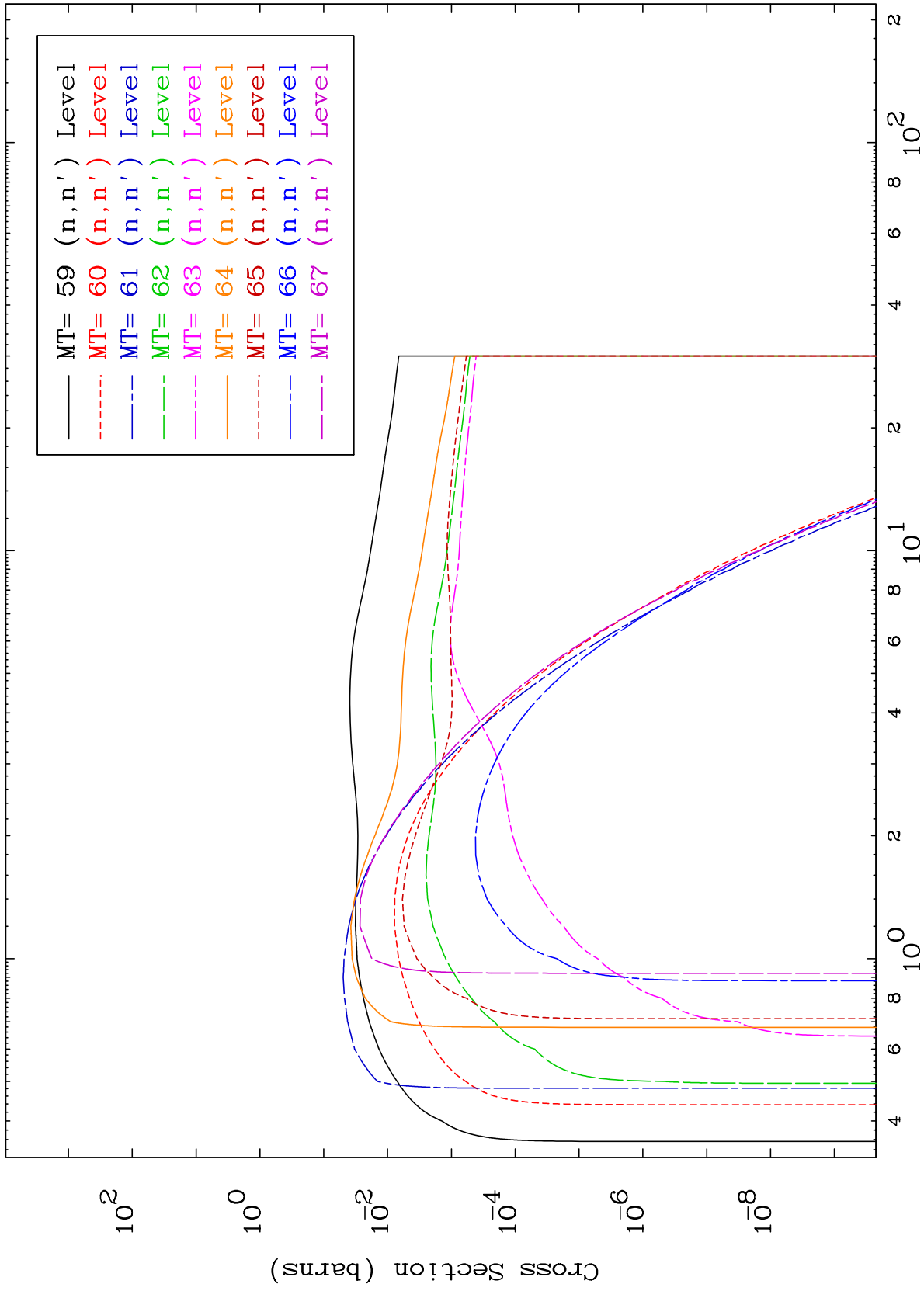
77-Ir-188

MAT 7716

(n,n') Level

77-Ir-188

293 Kelvin Cross Sections



8

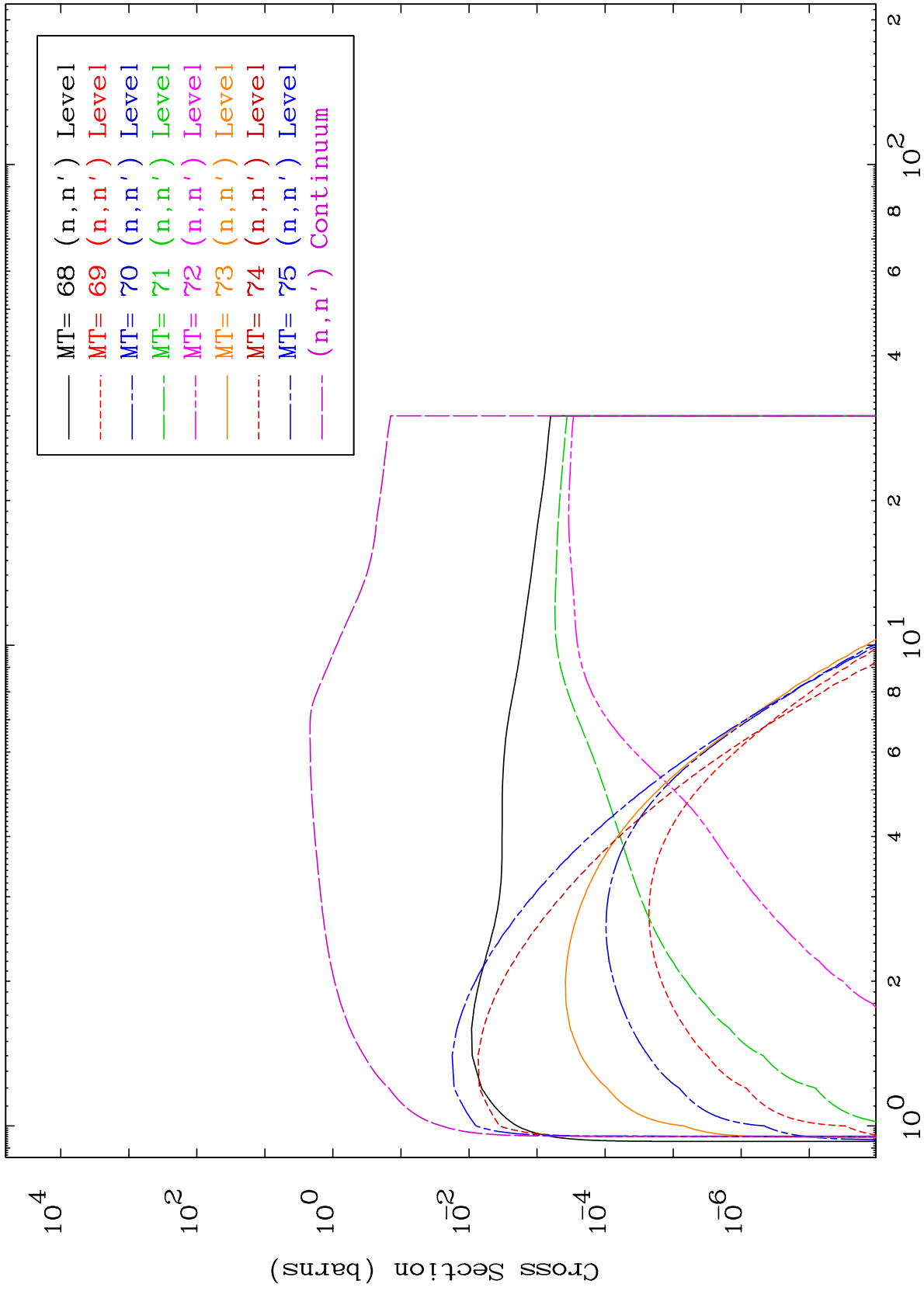
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,n') Level
293 Kelvin Cross Sections

77-Ir-188



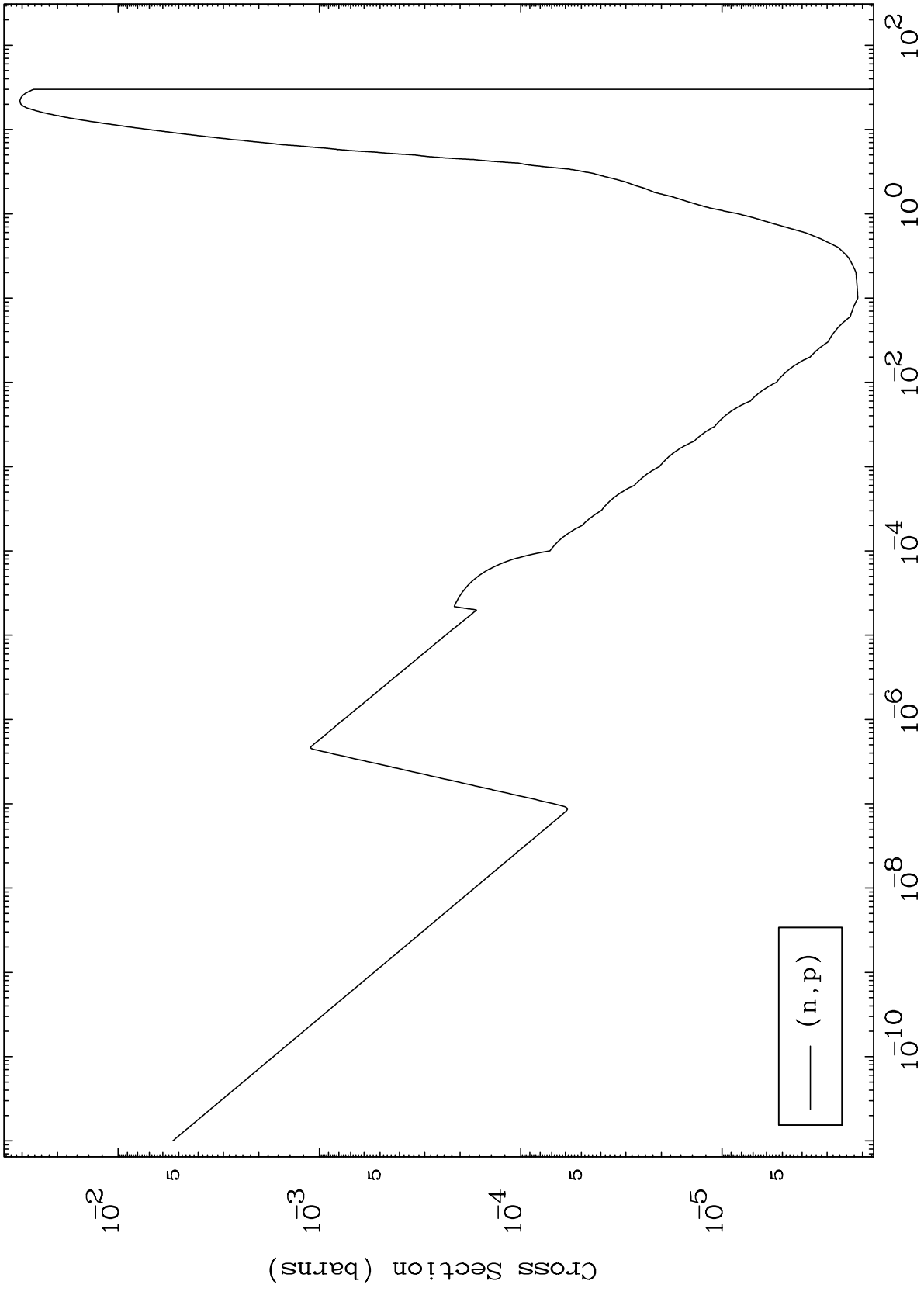
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-188



— (n, p)

10

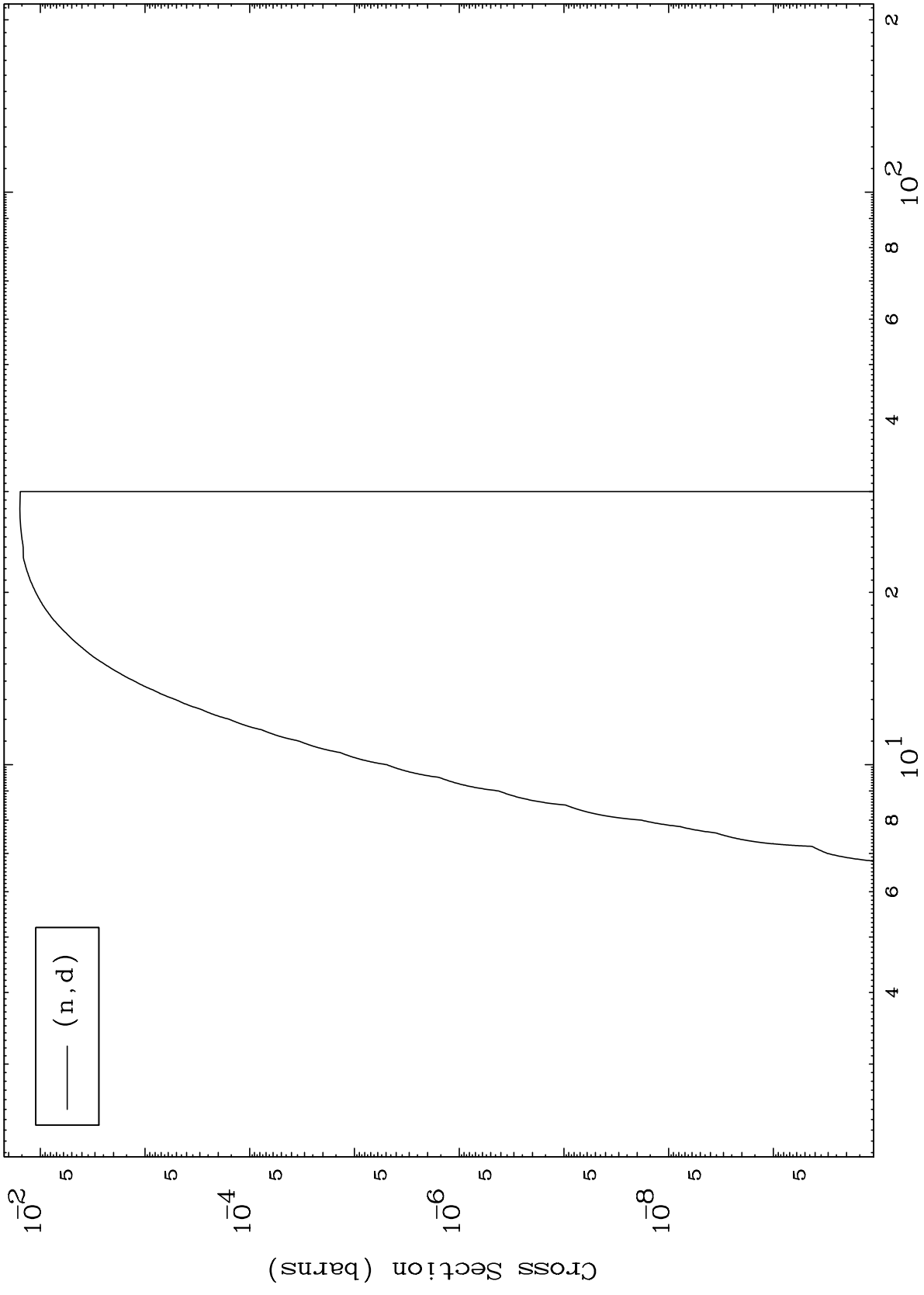
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,d) Levels
293 Kelvin Cross Sections

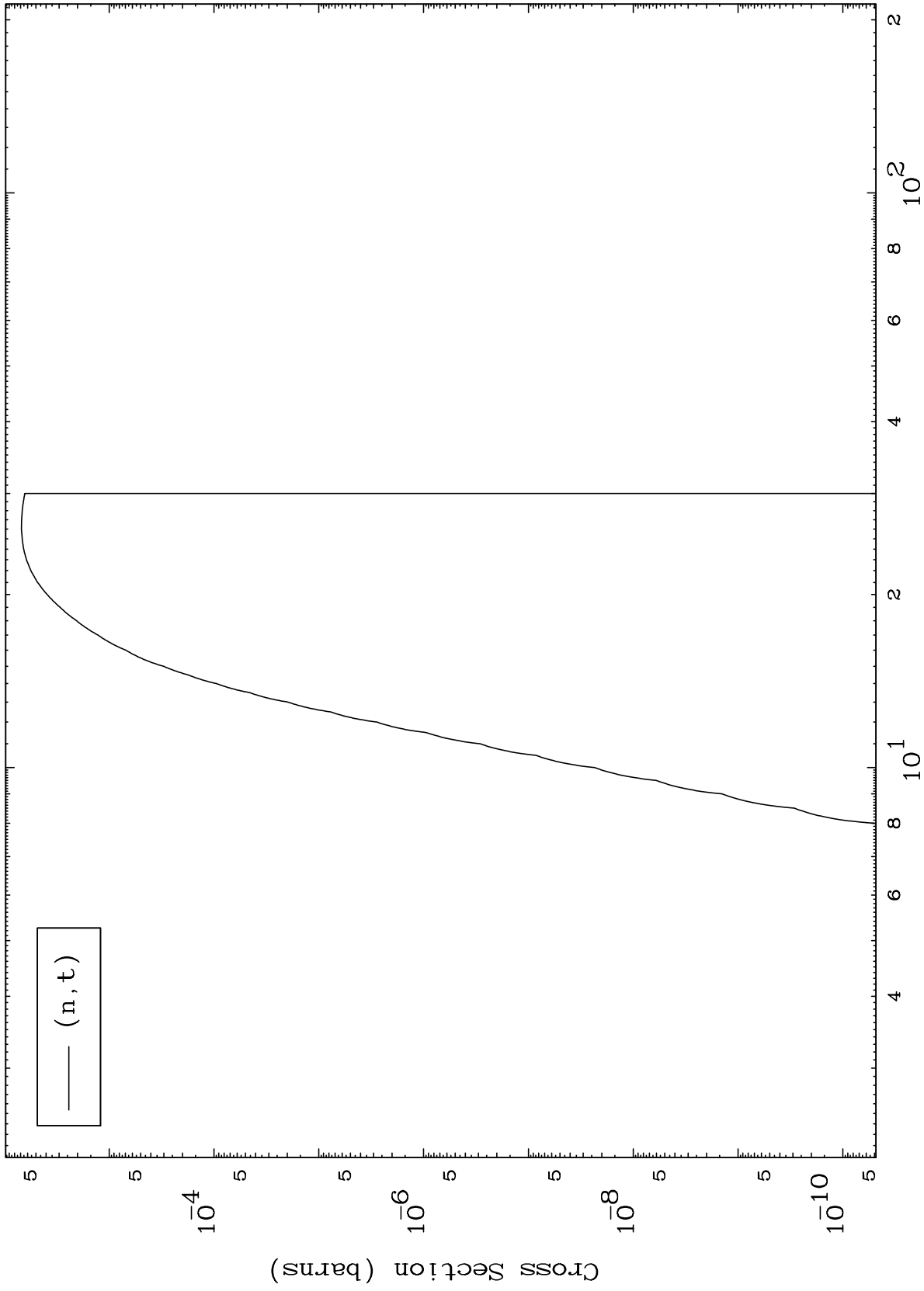
77-Ir-188



MAT 7716

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-188



12

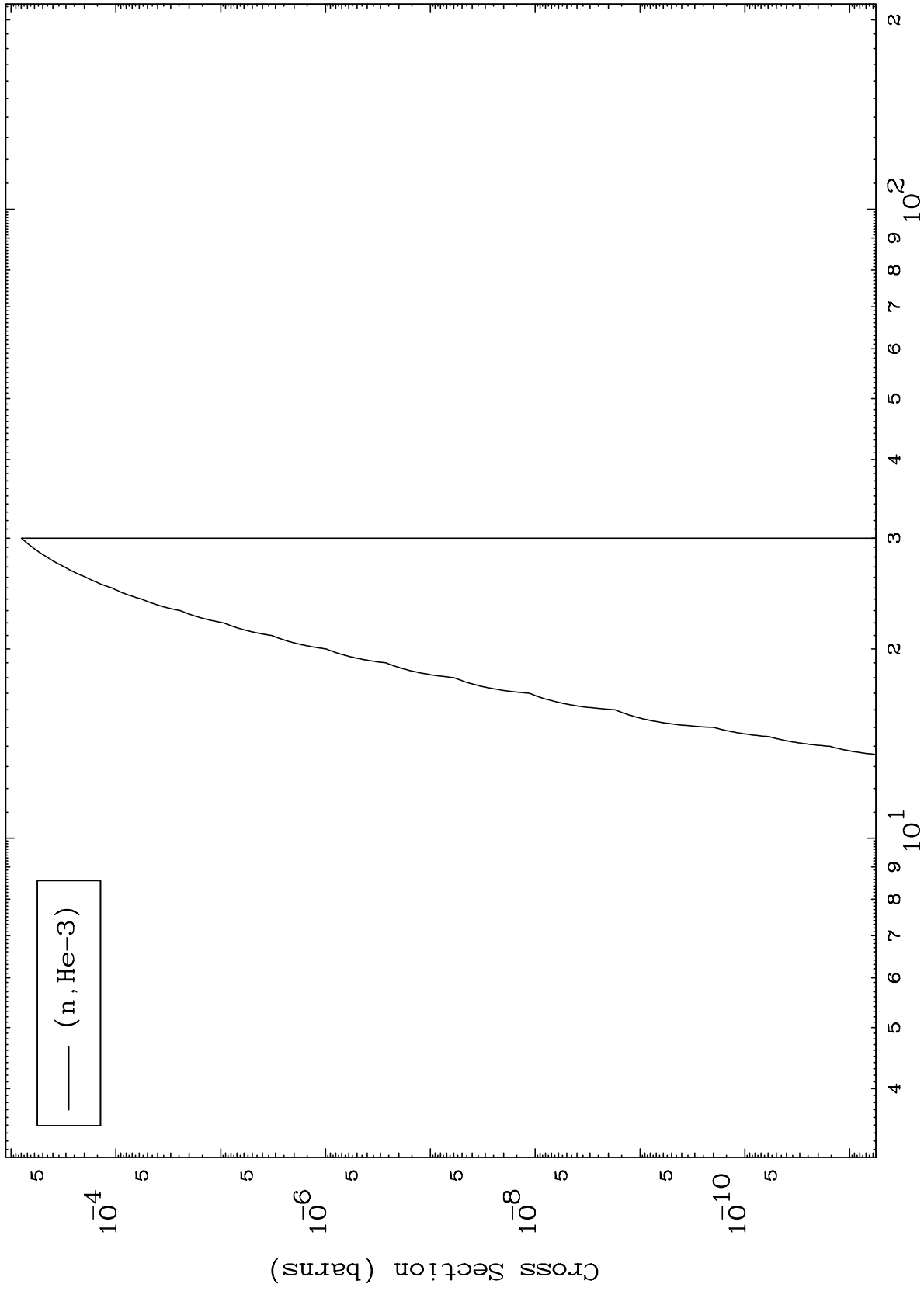
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-188



13

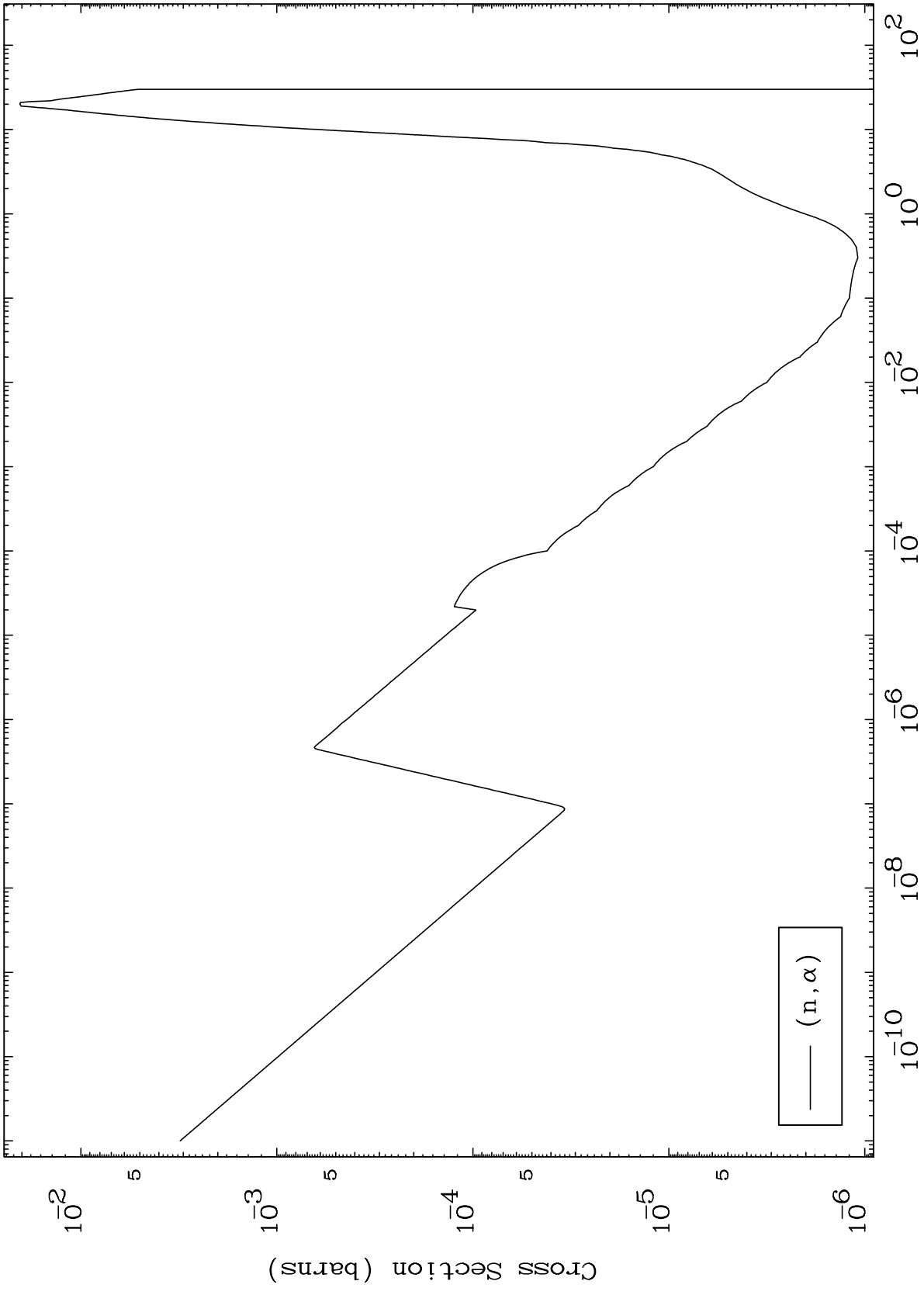
Incident Energy (MeV)

77-Ir-188

MAT 7716

(n,α) Levels
293 Kelvin Cross Sections

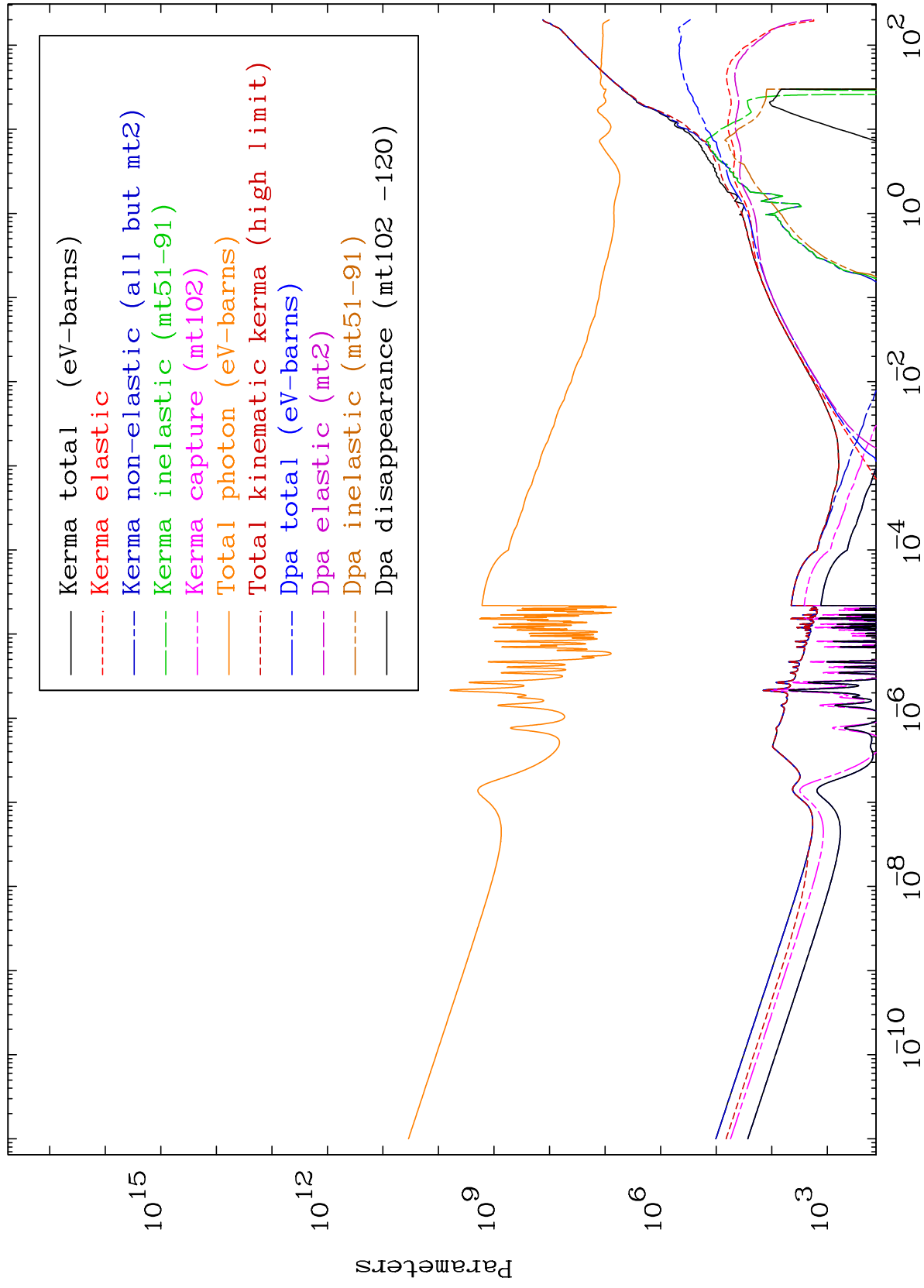
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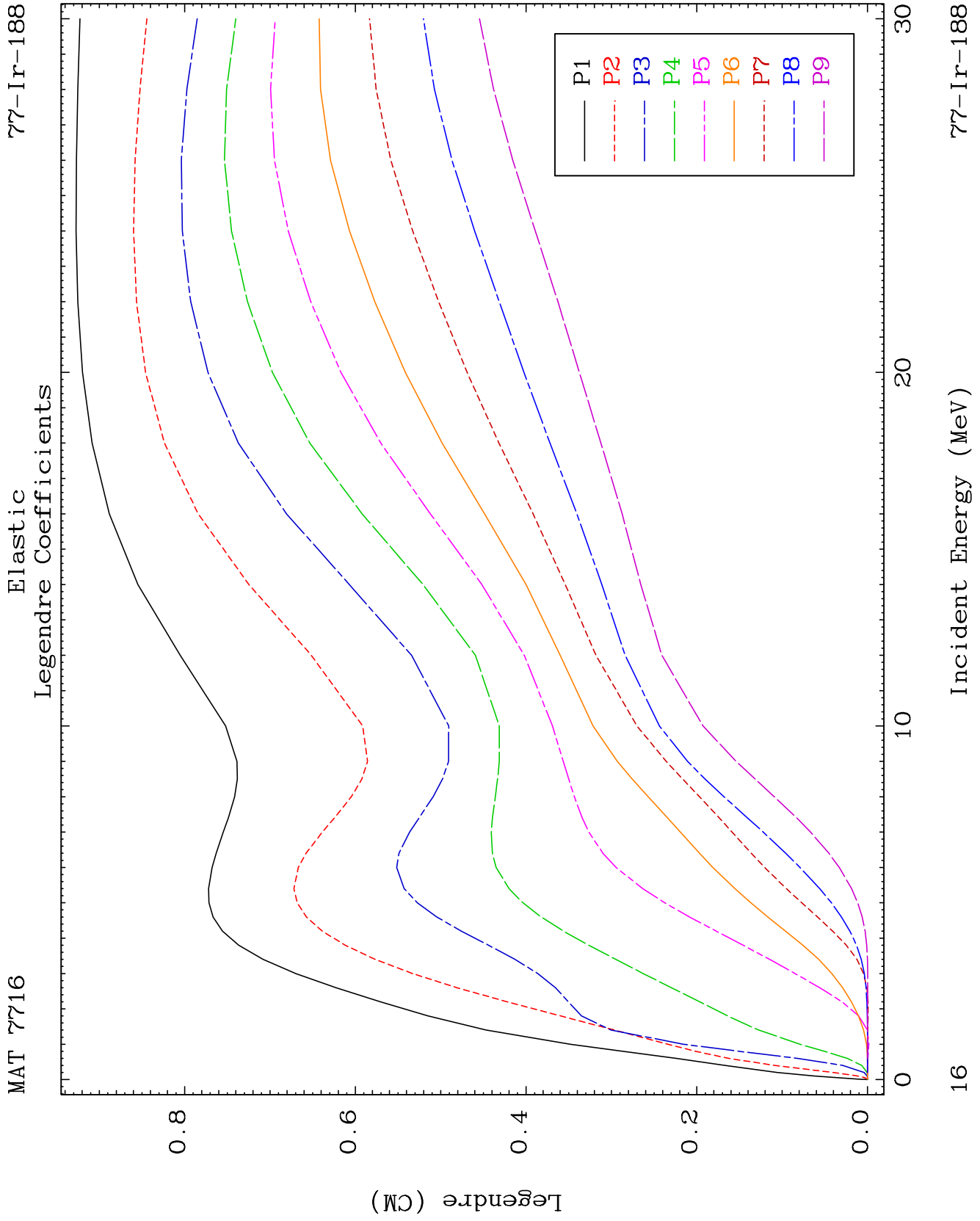


14

Incident Energy (MeV)

77-Ir-188

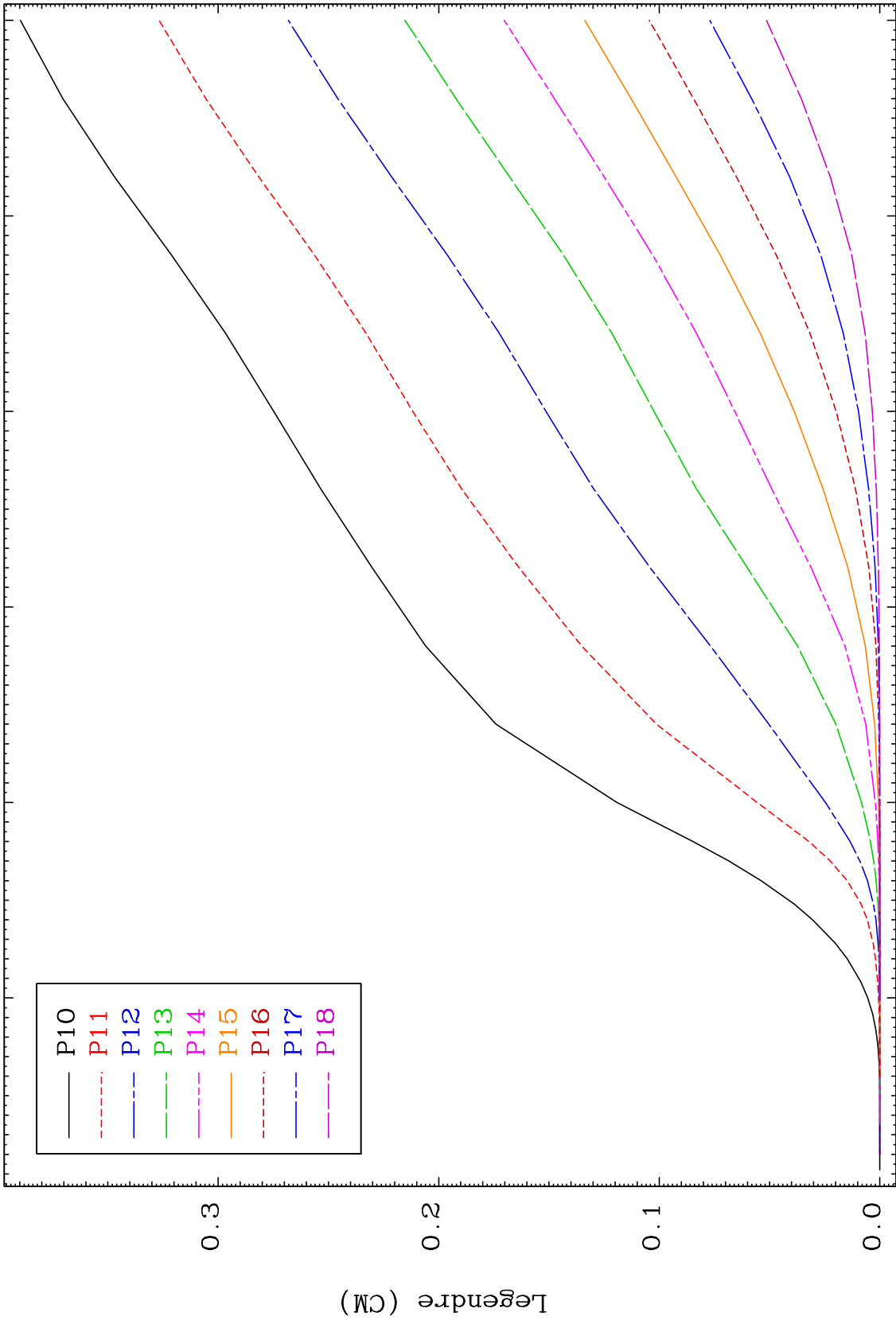




MAT 7716

Elastic Legendre Coefficients

77-Ir-188



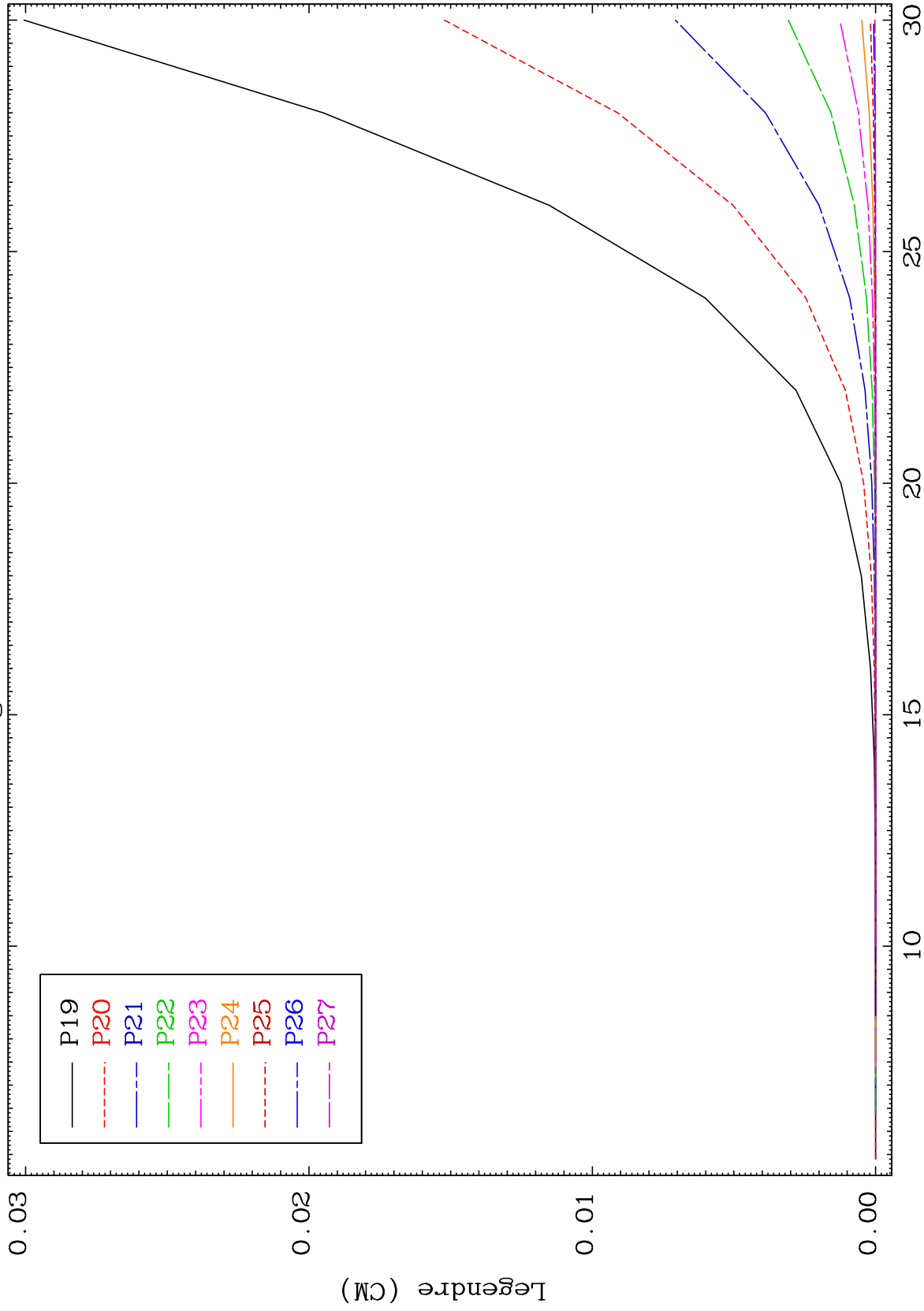
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77-Ir-188

MAT 7716

Elastic Legendre Coefficients

77-Ir-188



18

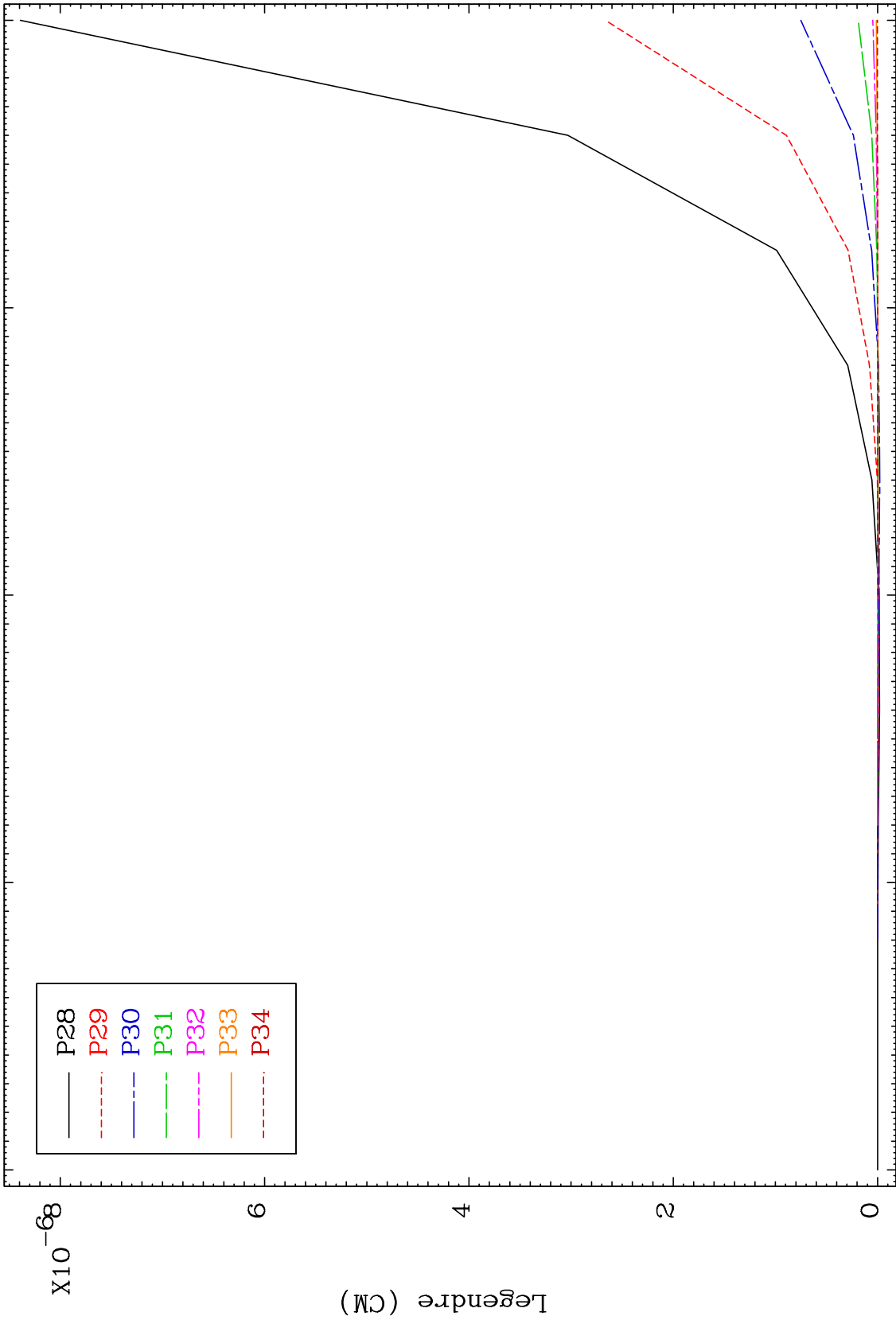
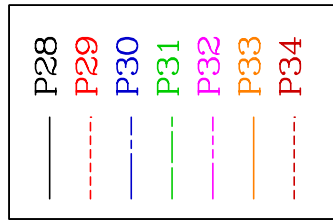
Incident Energy (MeV)

77-Ir-188

MAT 7716

Elastic Legendre Coefficients

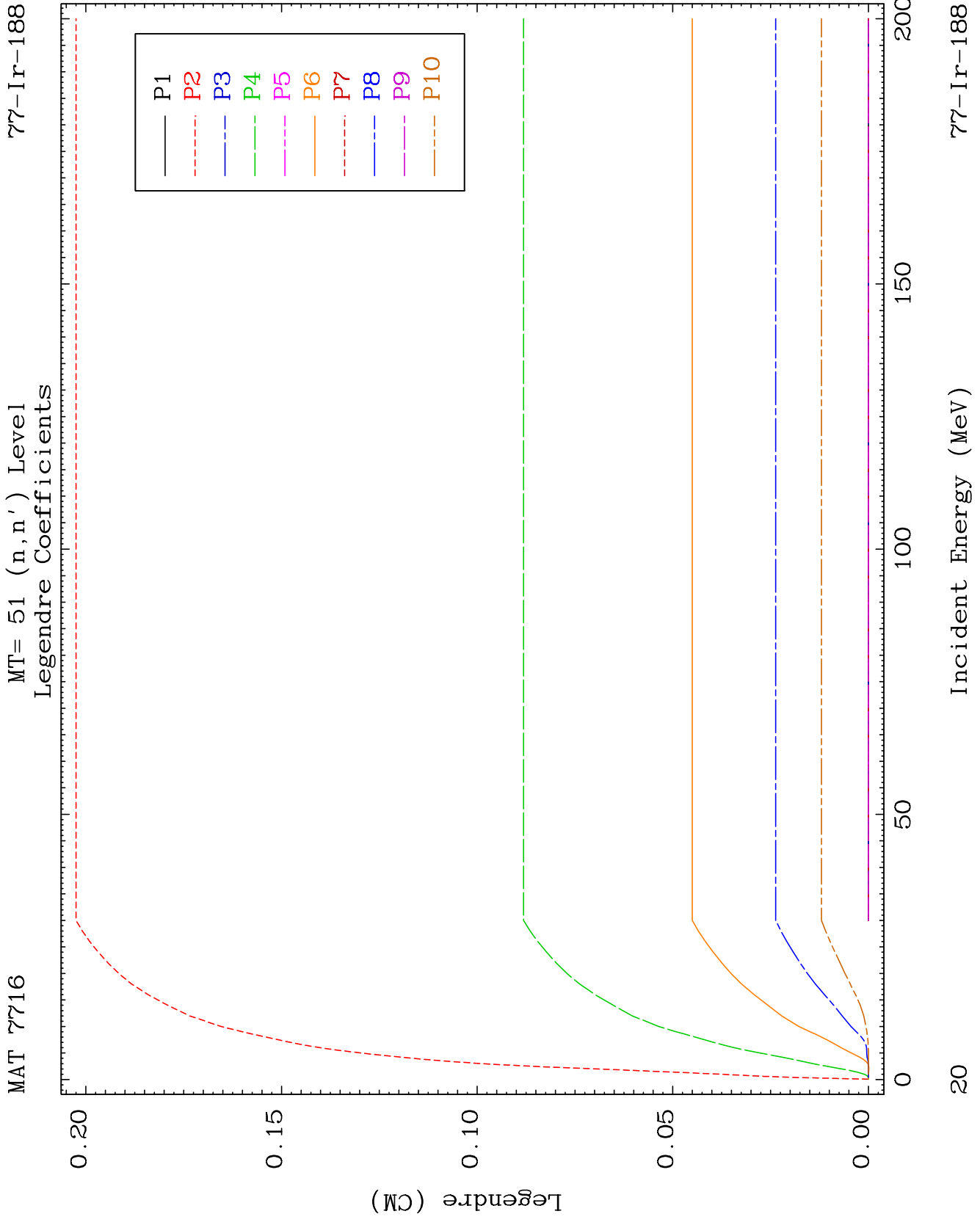
77-Ir-188



19

Incident Energy (MeV)

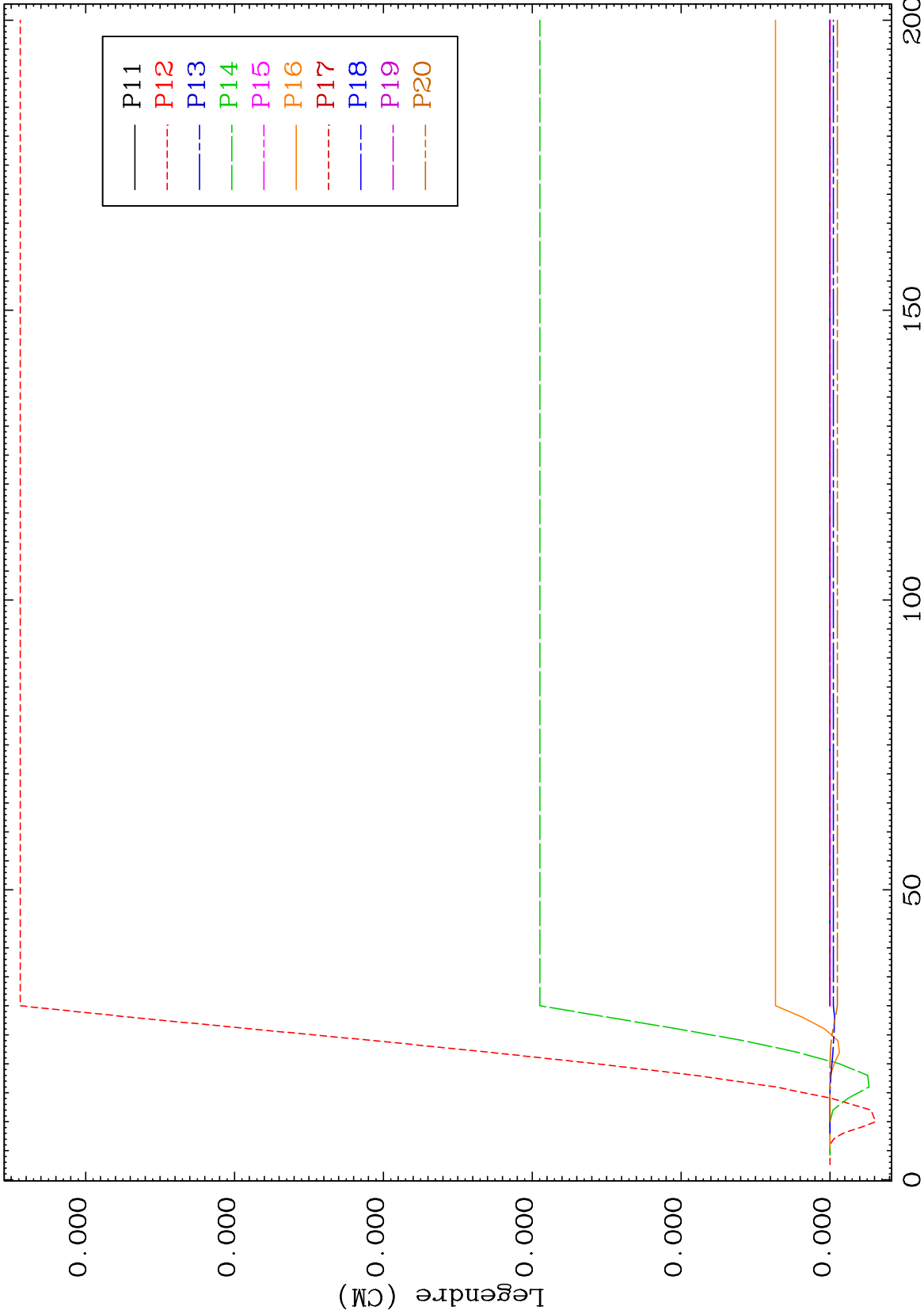
77-Ir-188



MAT 7716

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

77-Ir-188



21

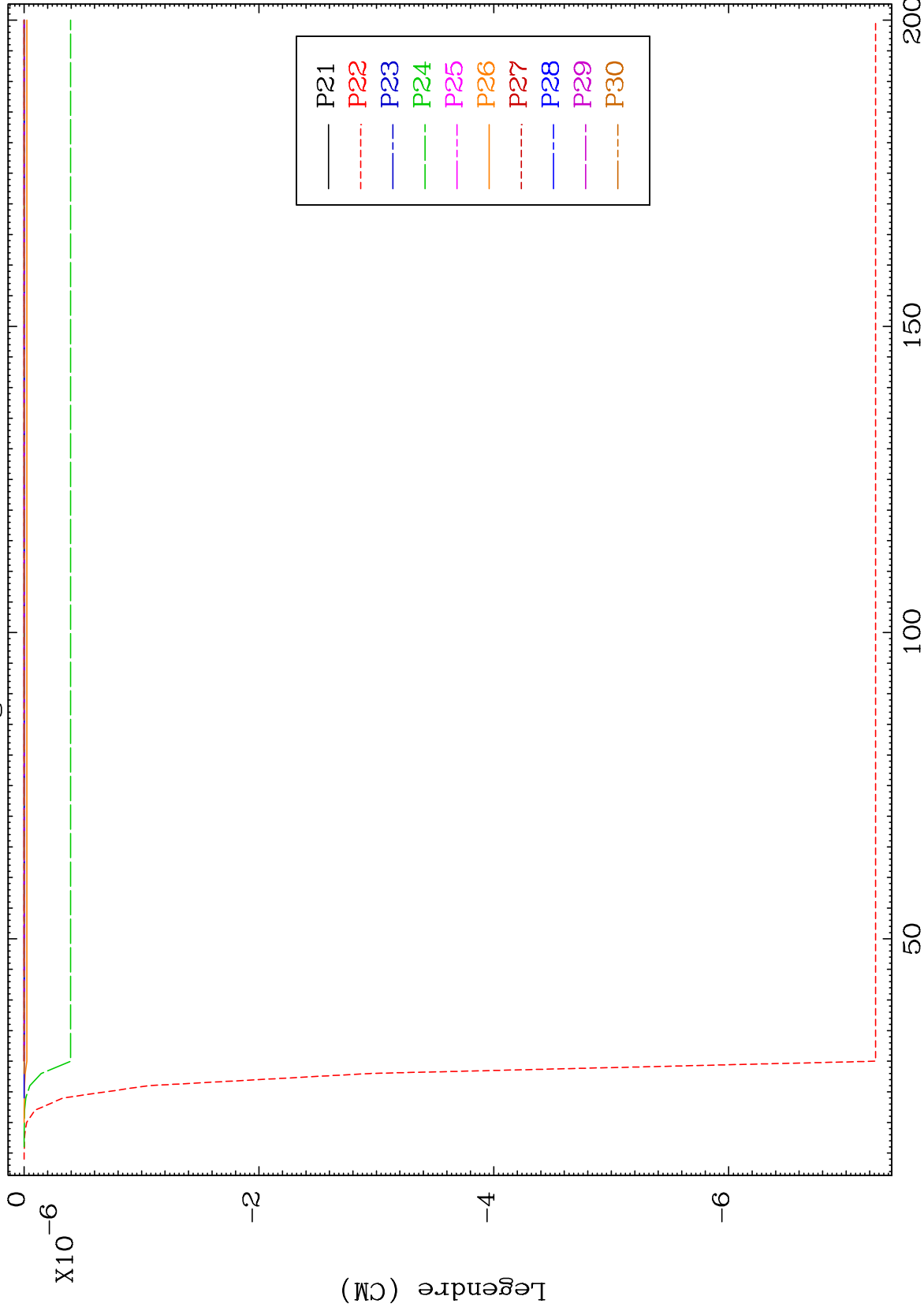
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



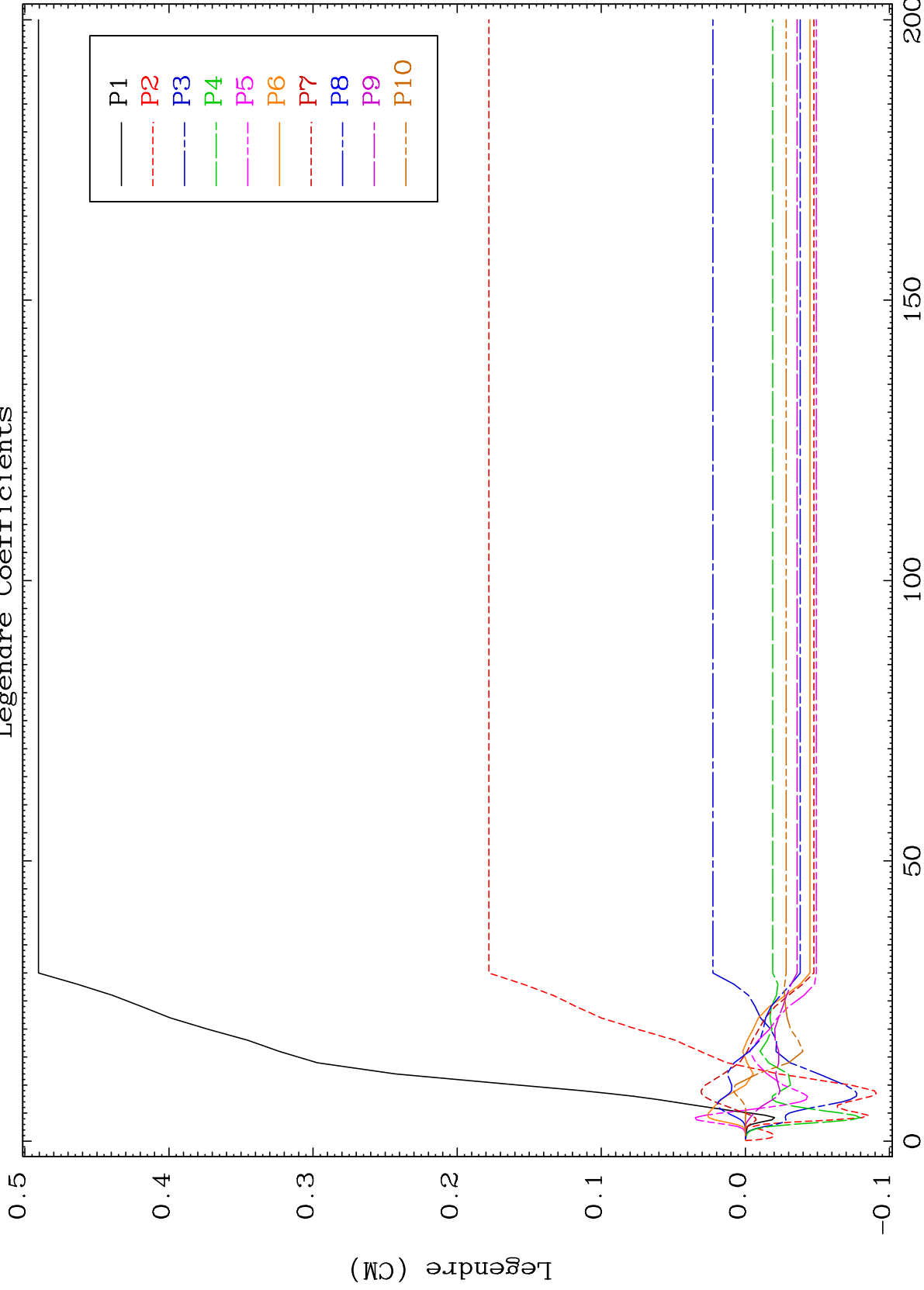
22

77-Ir-188

MAT 7716

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

77-Ir-188



23

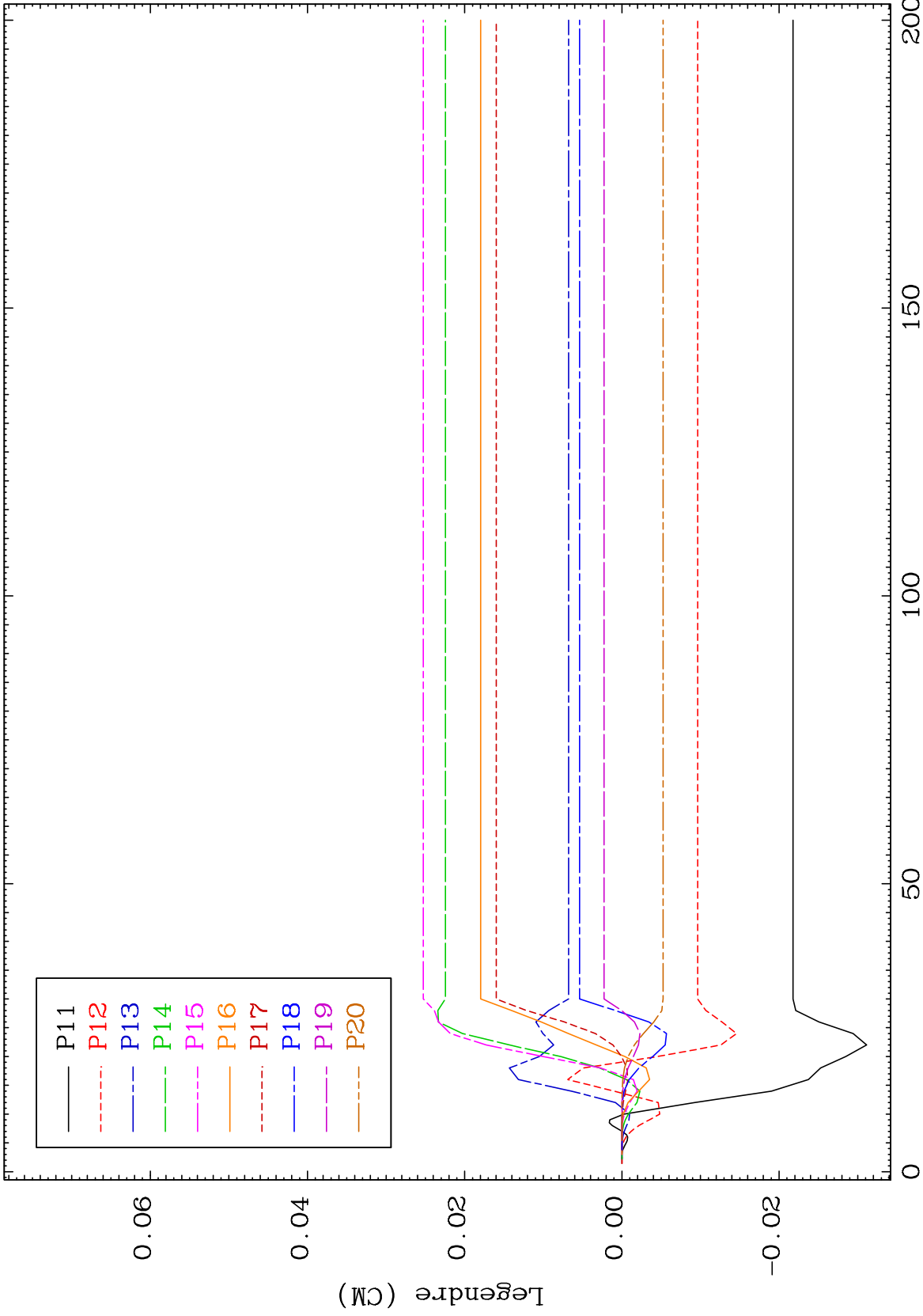
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



24

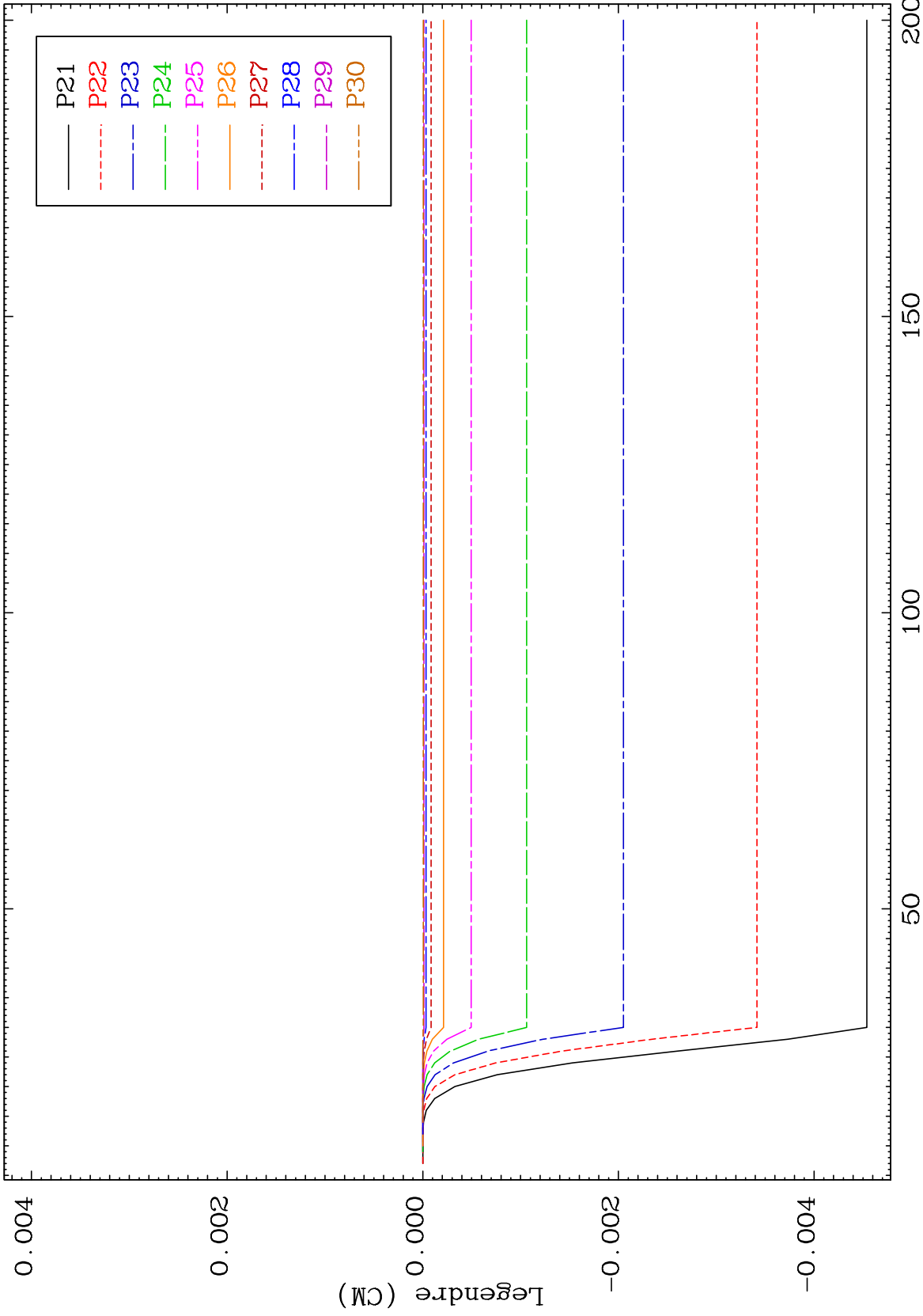
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



25

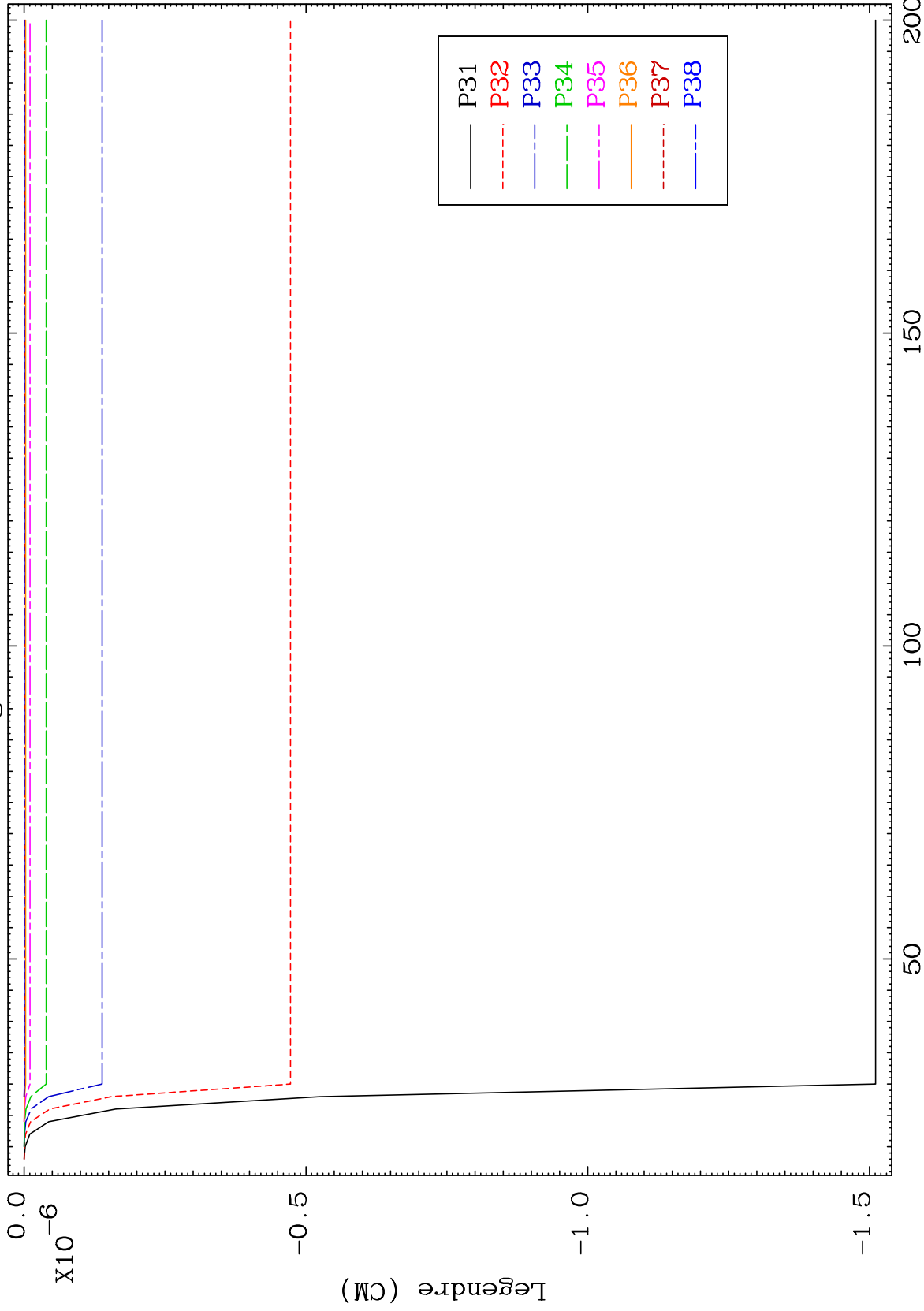
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



26

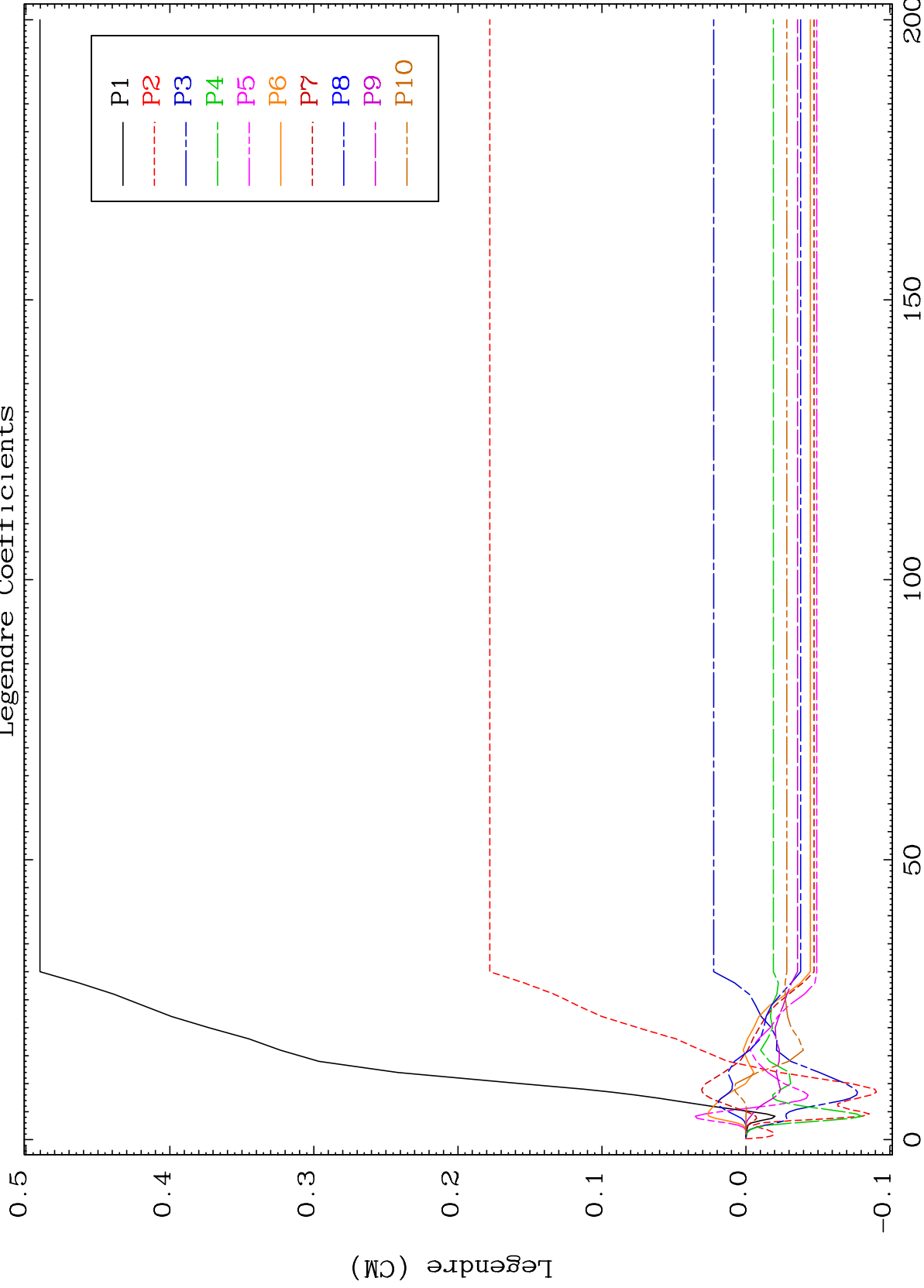
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



27

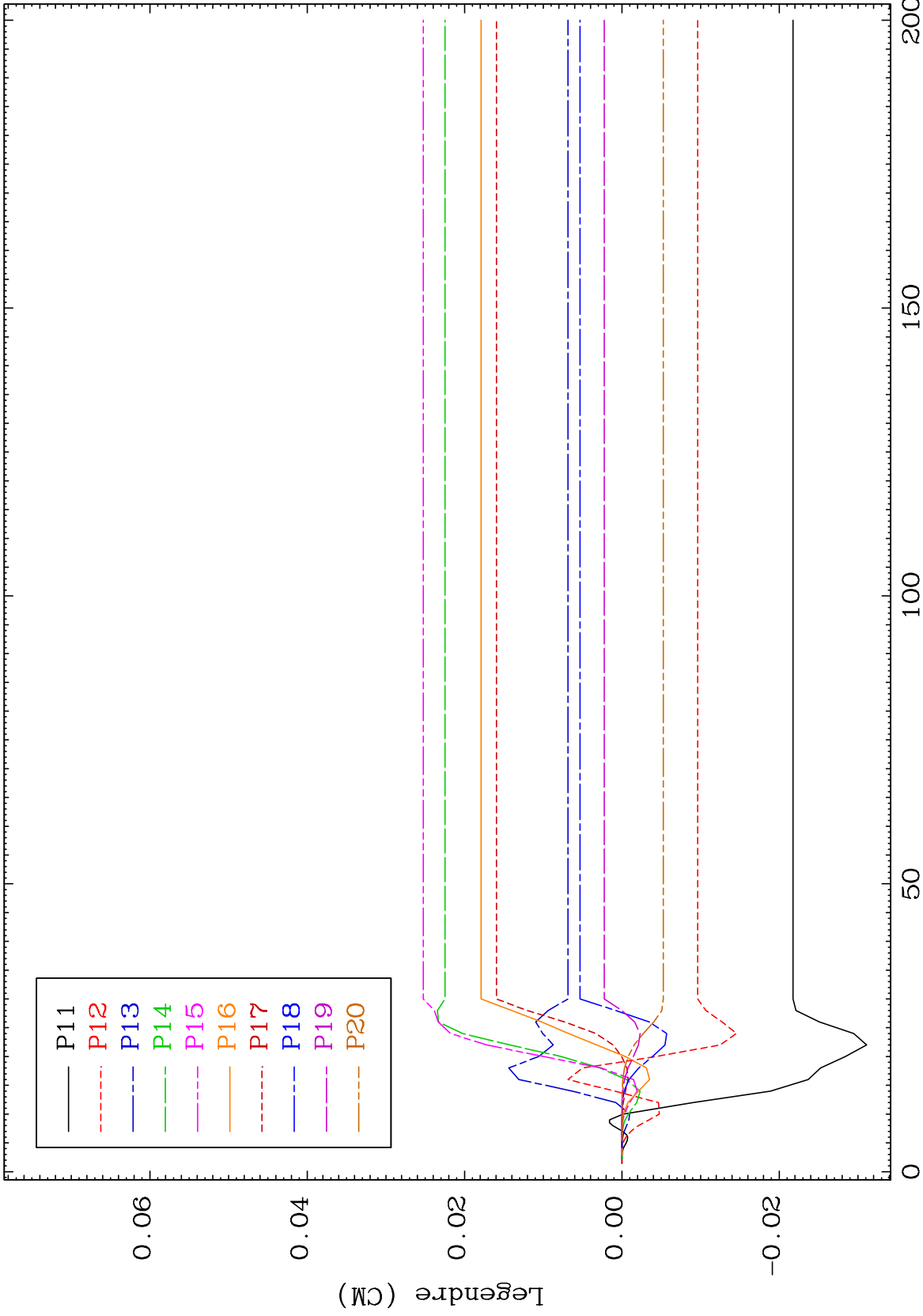
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



28

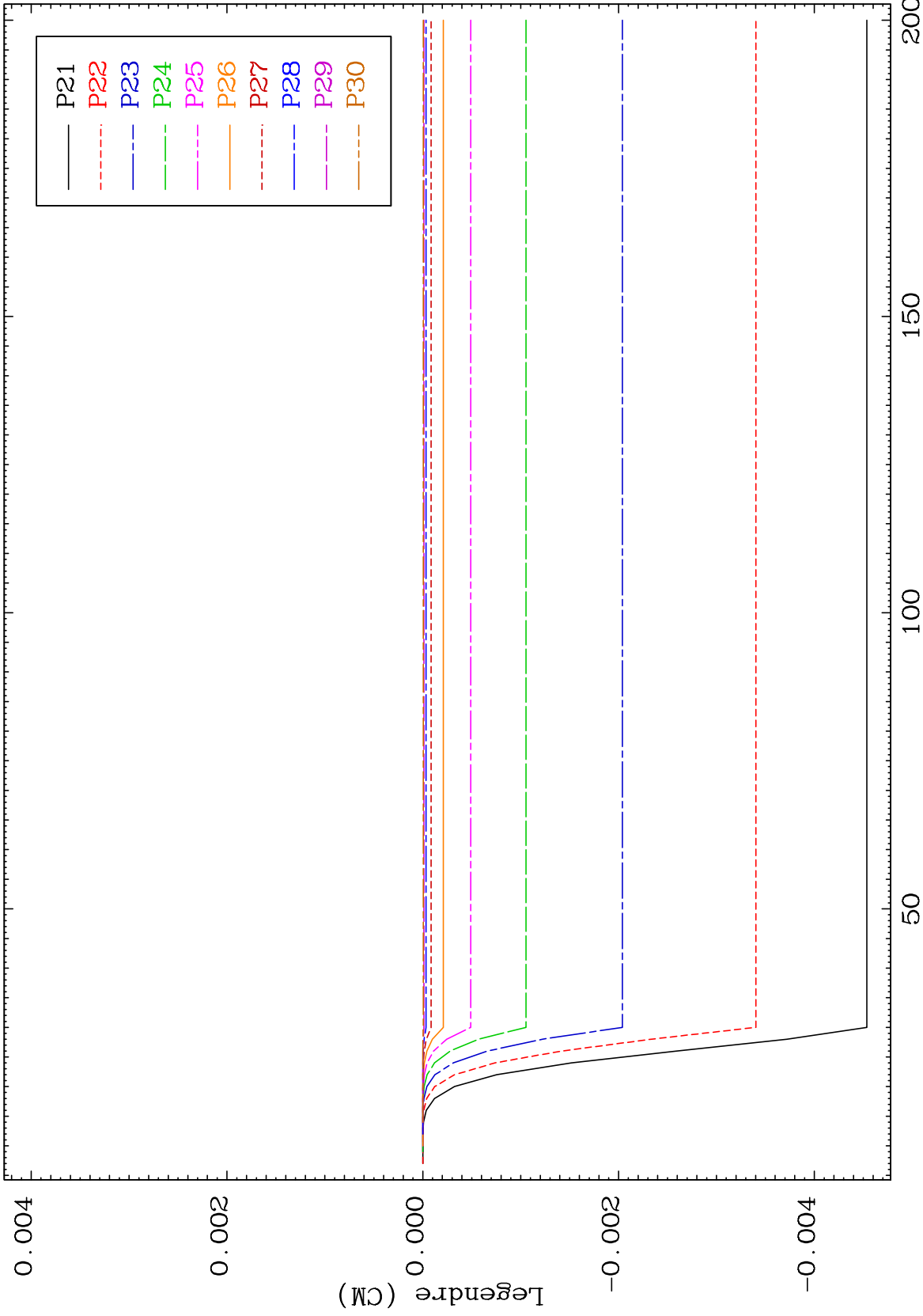
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



29

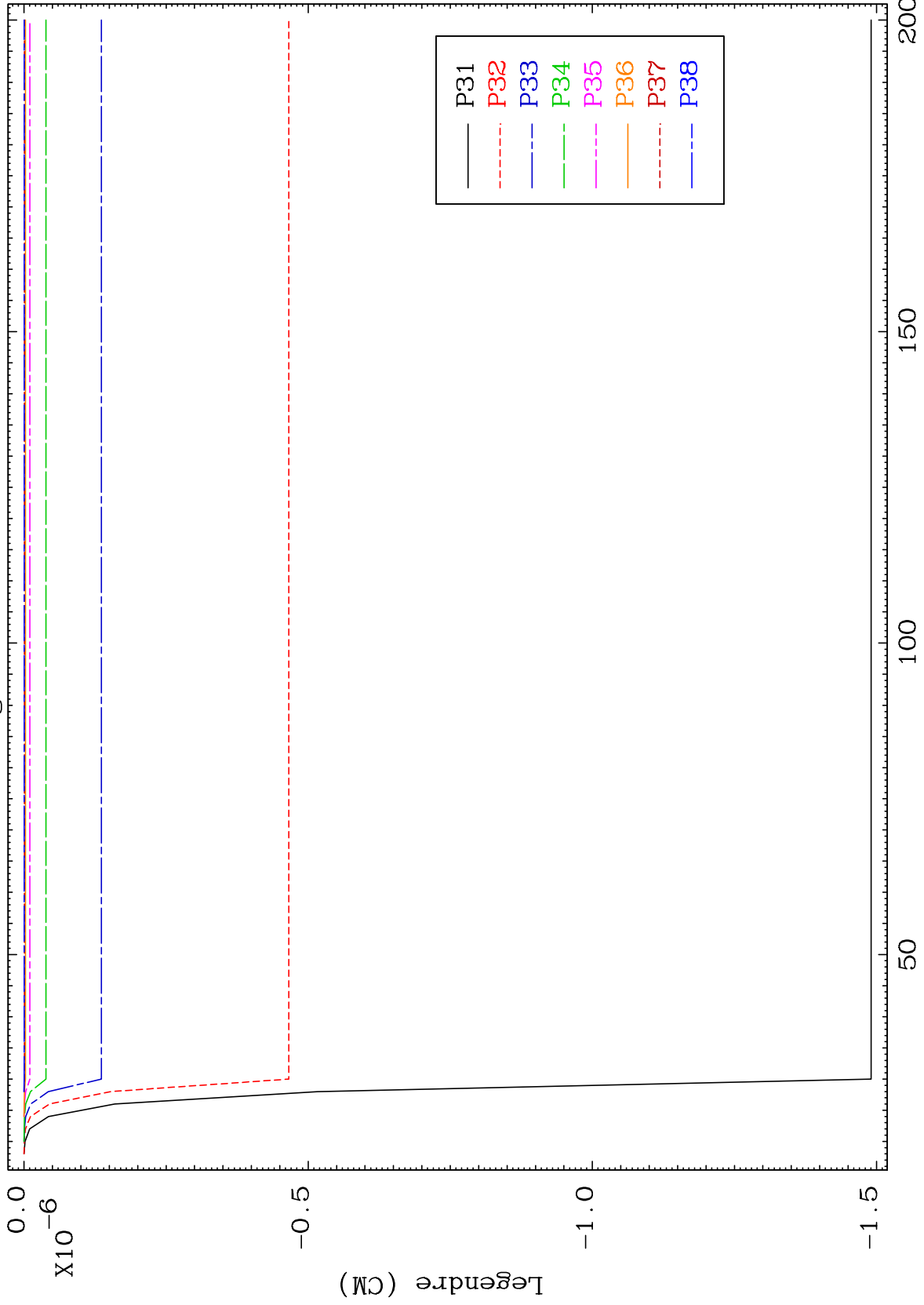
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



77-Ir-188

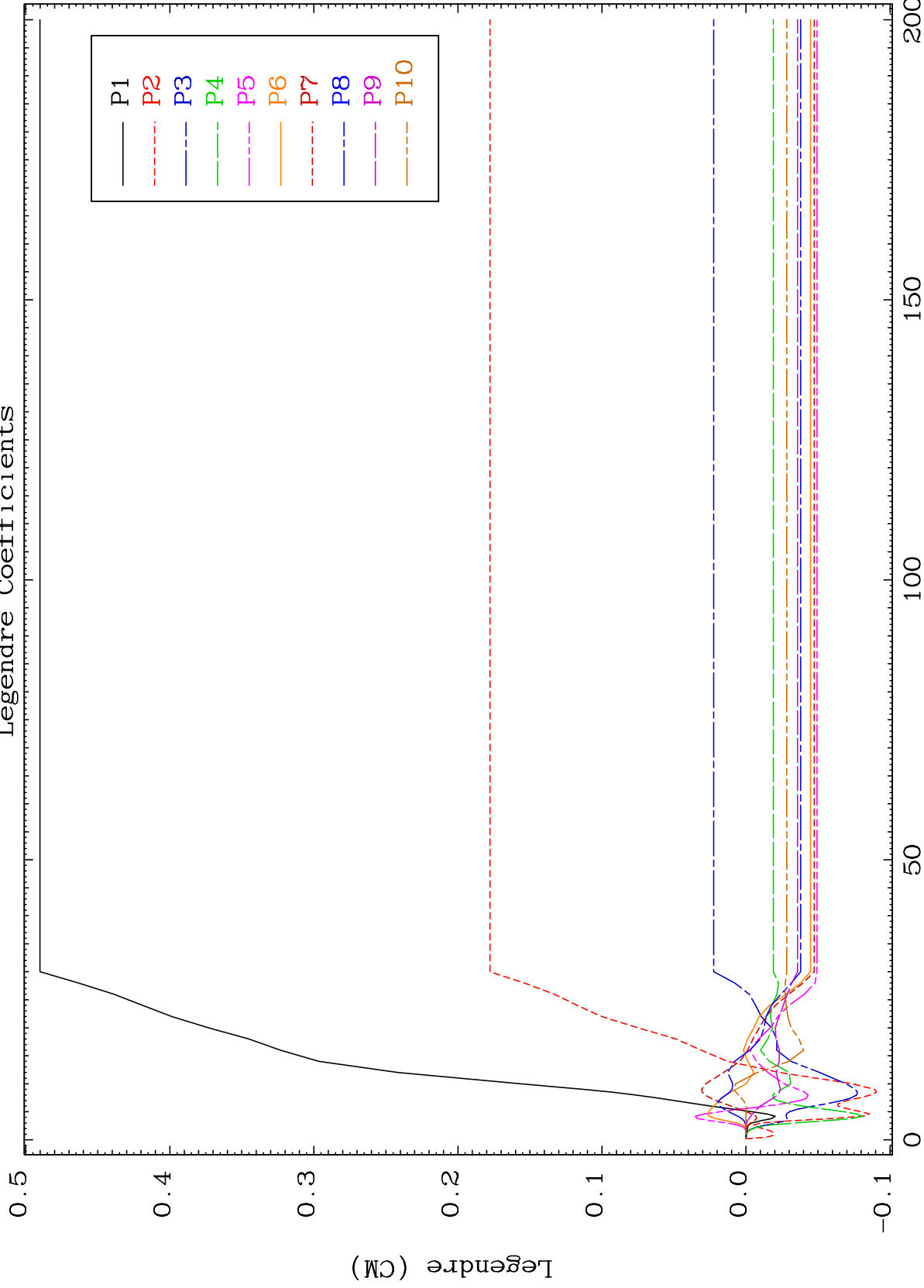
Incident Energy (MeV)

30

MAT 7716

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

77-Ir-188



31

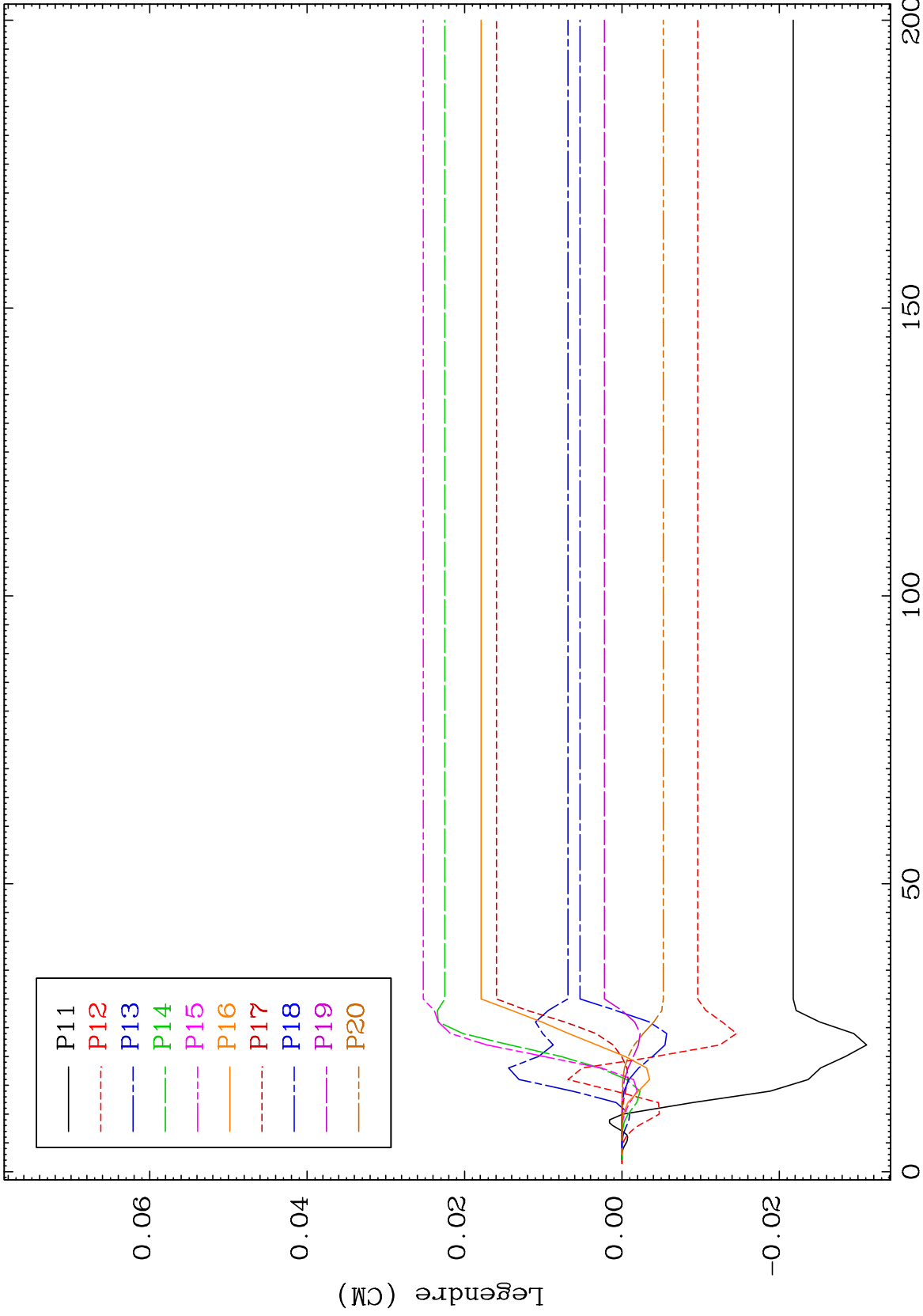
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



32

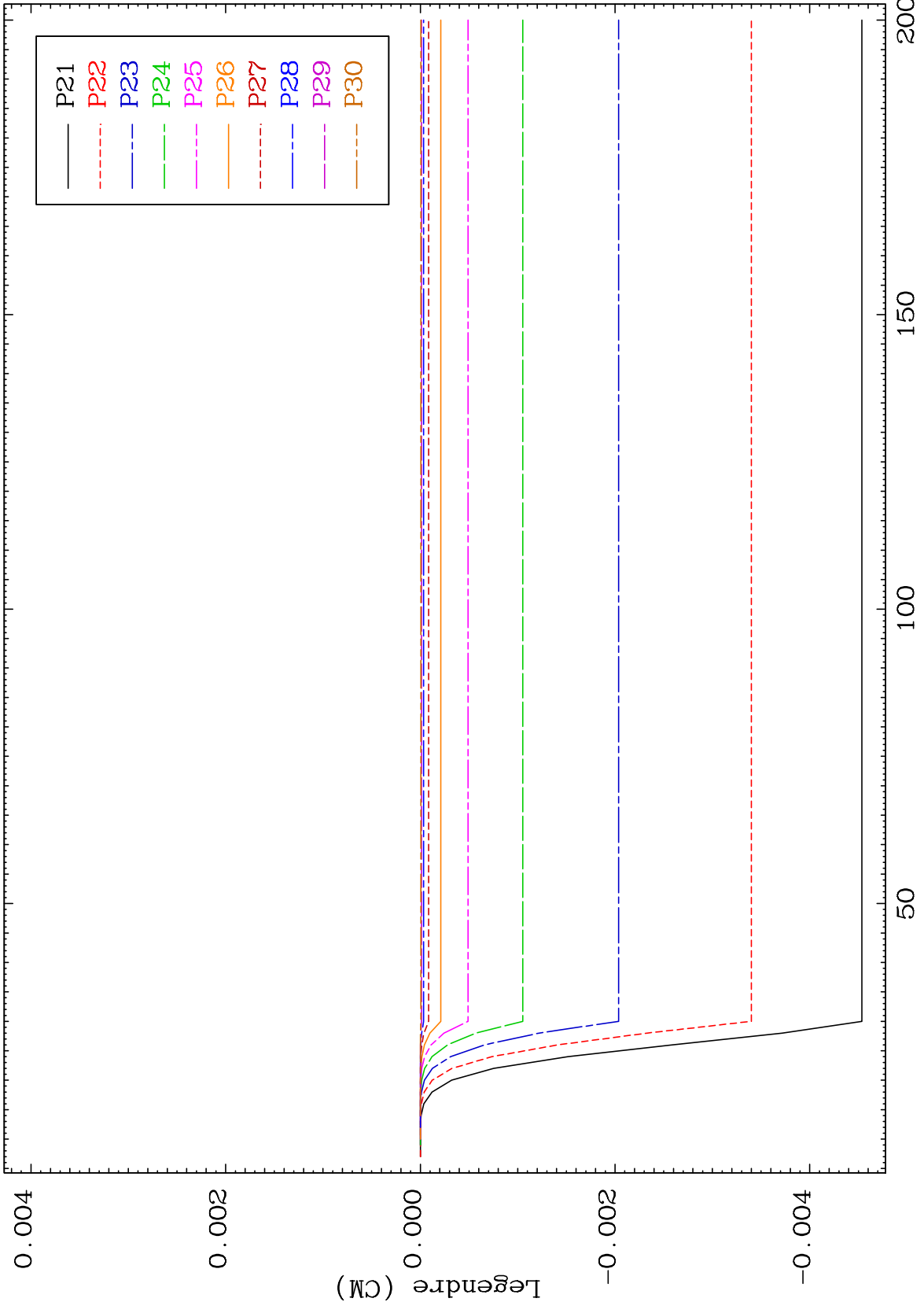
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



33

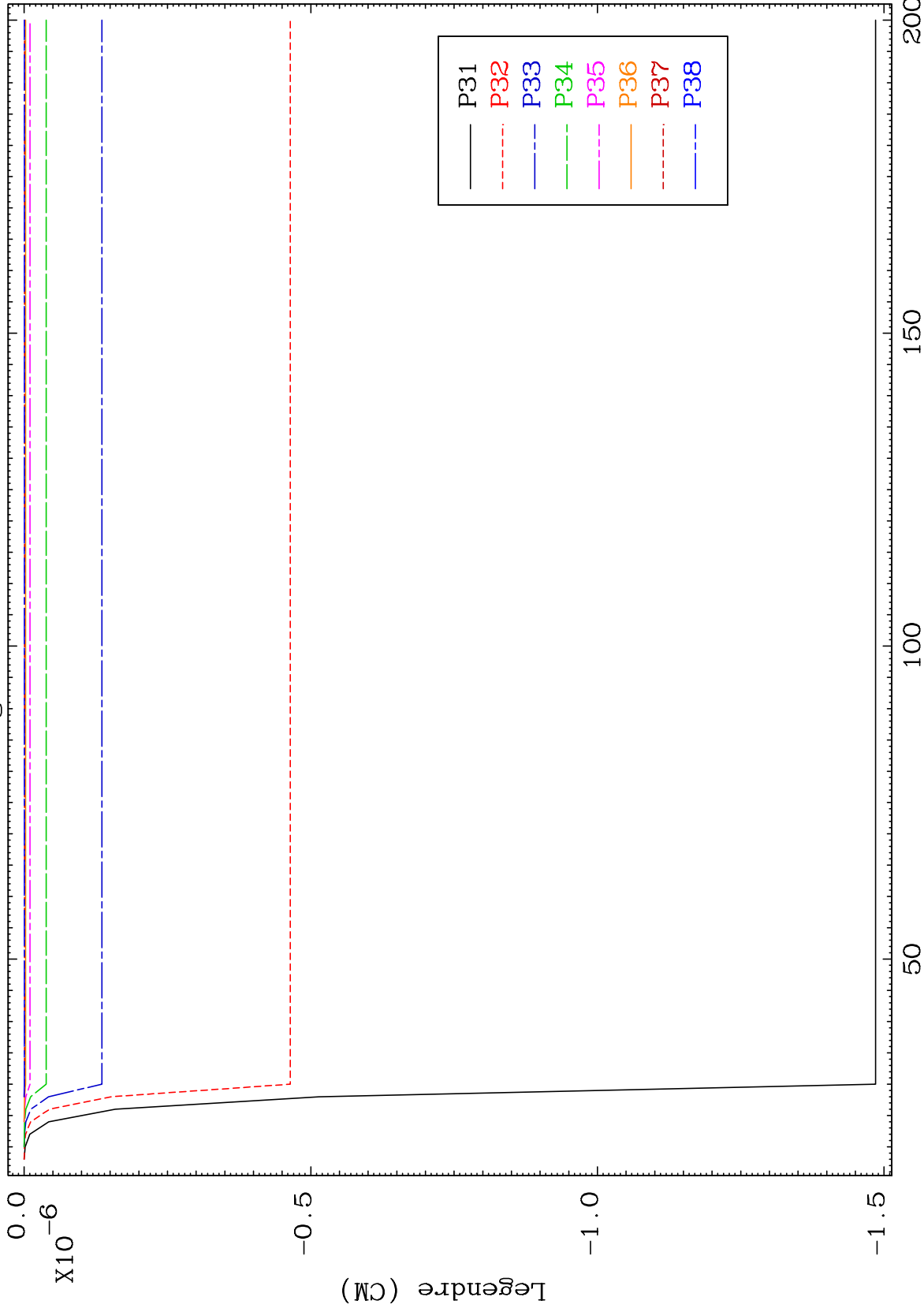
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



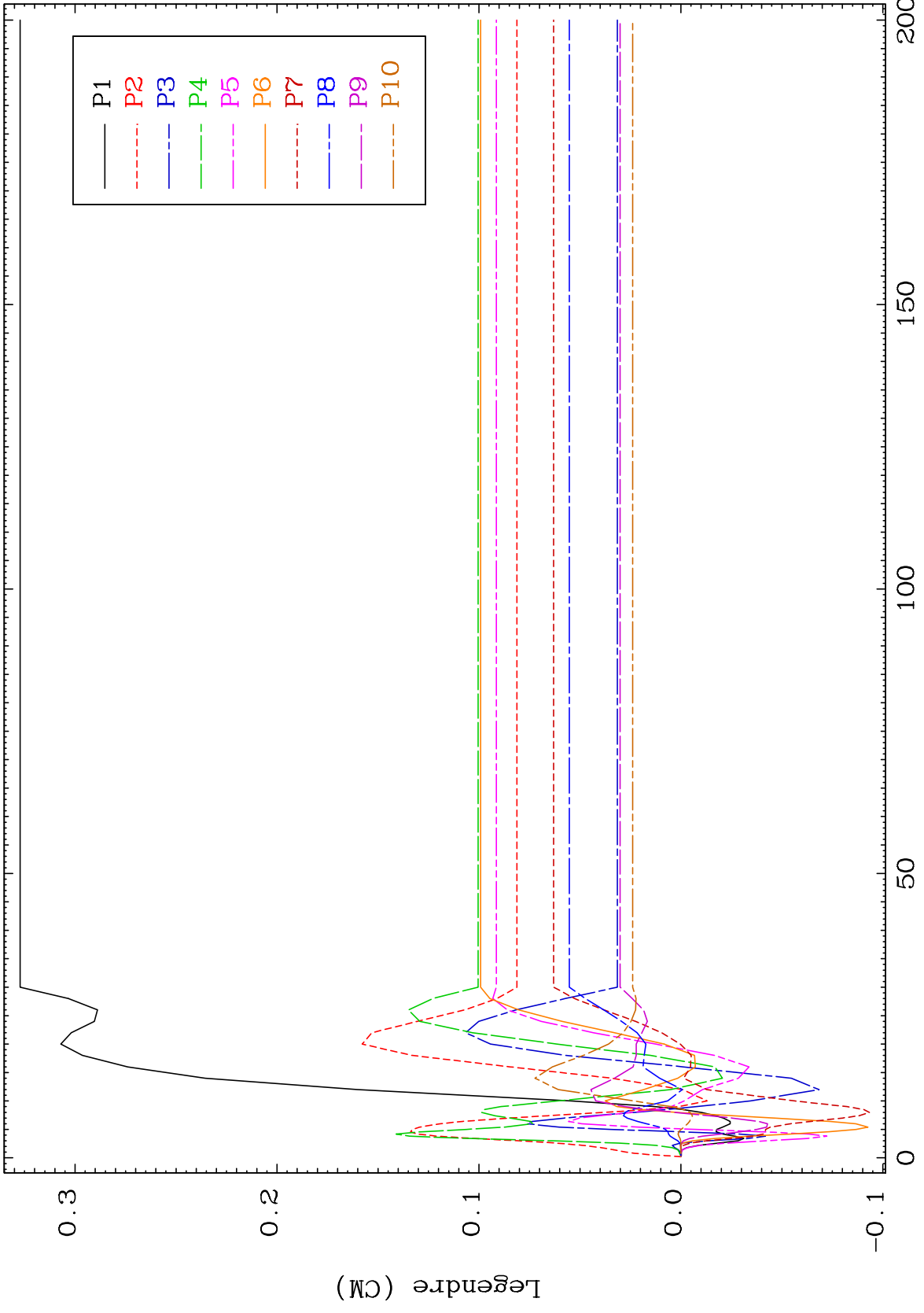
34

77-Ir-188

MAT 7716

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

77-Ir-188



35

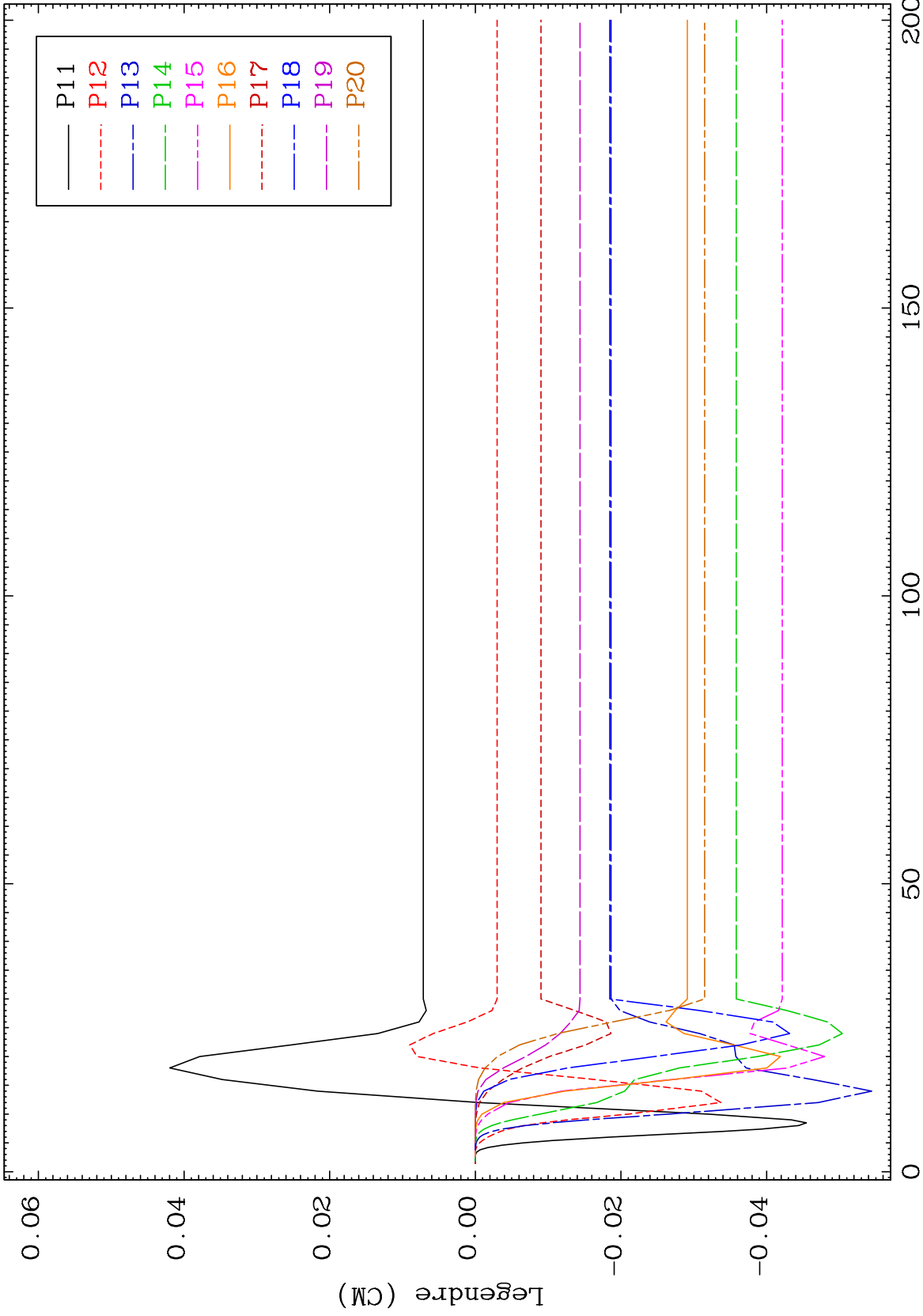
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



36

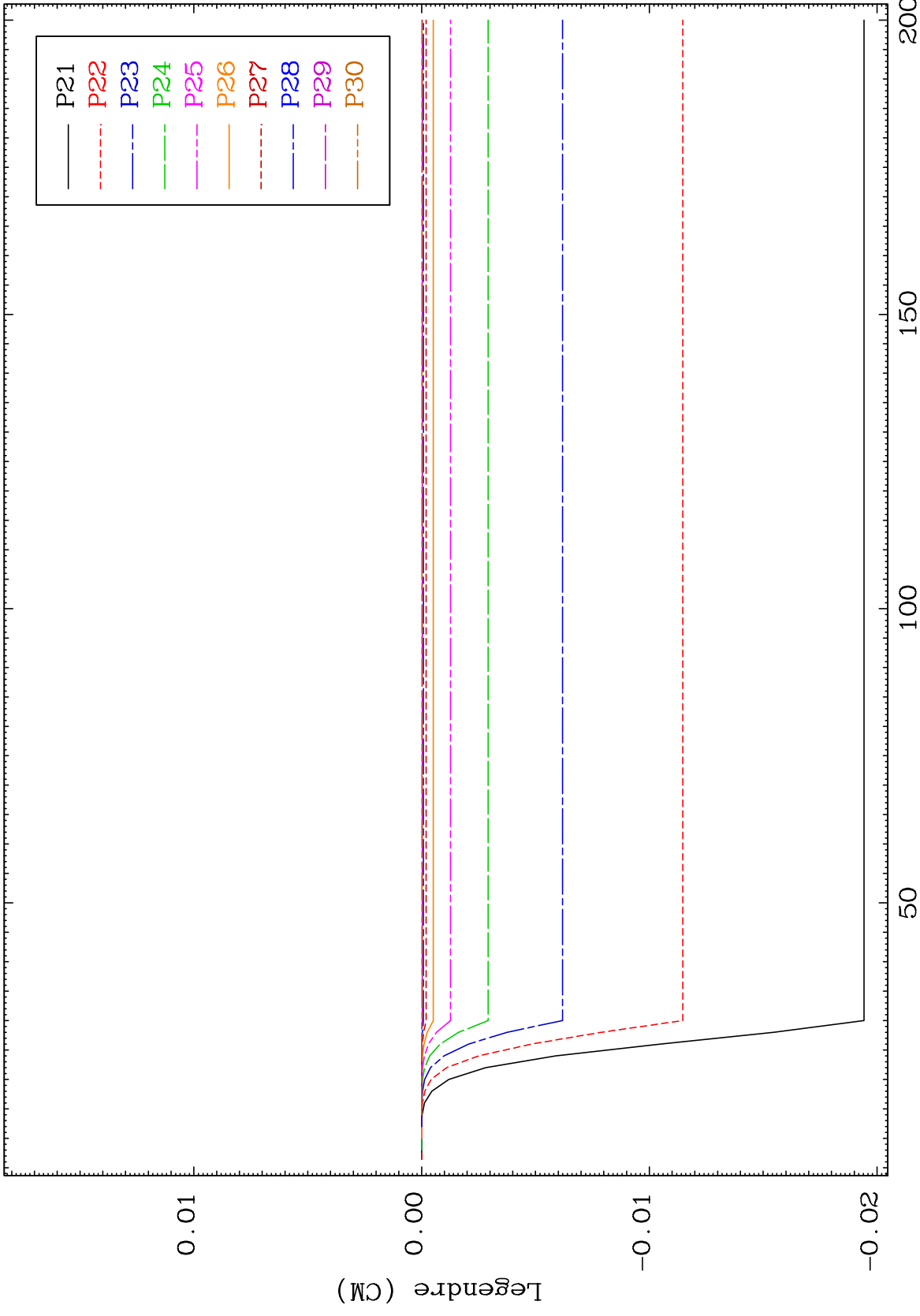
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



37

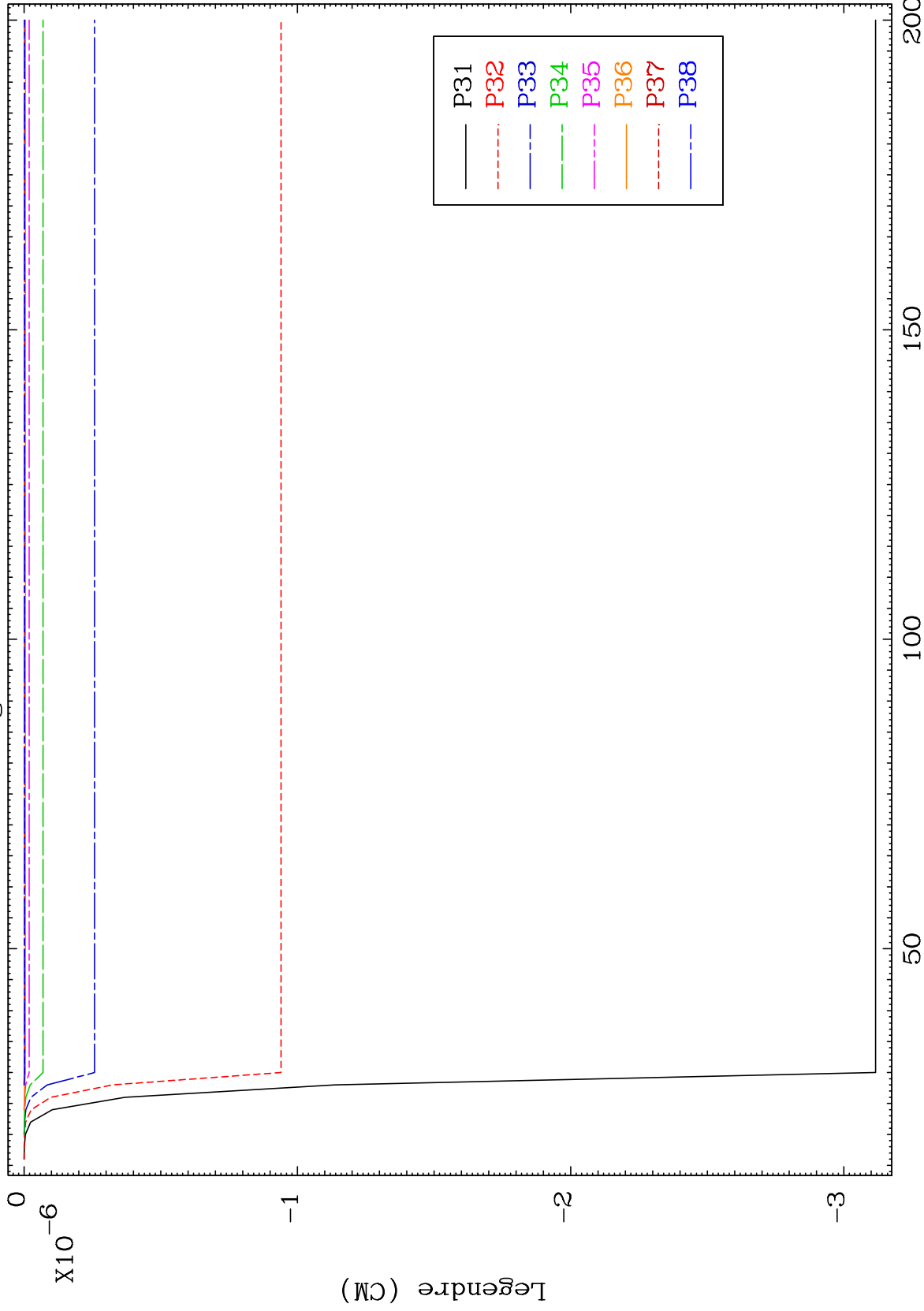
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



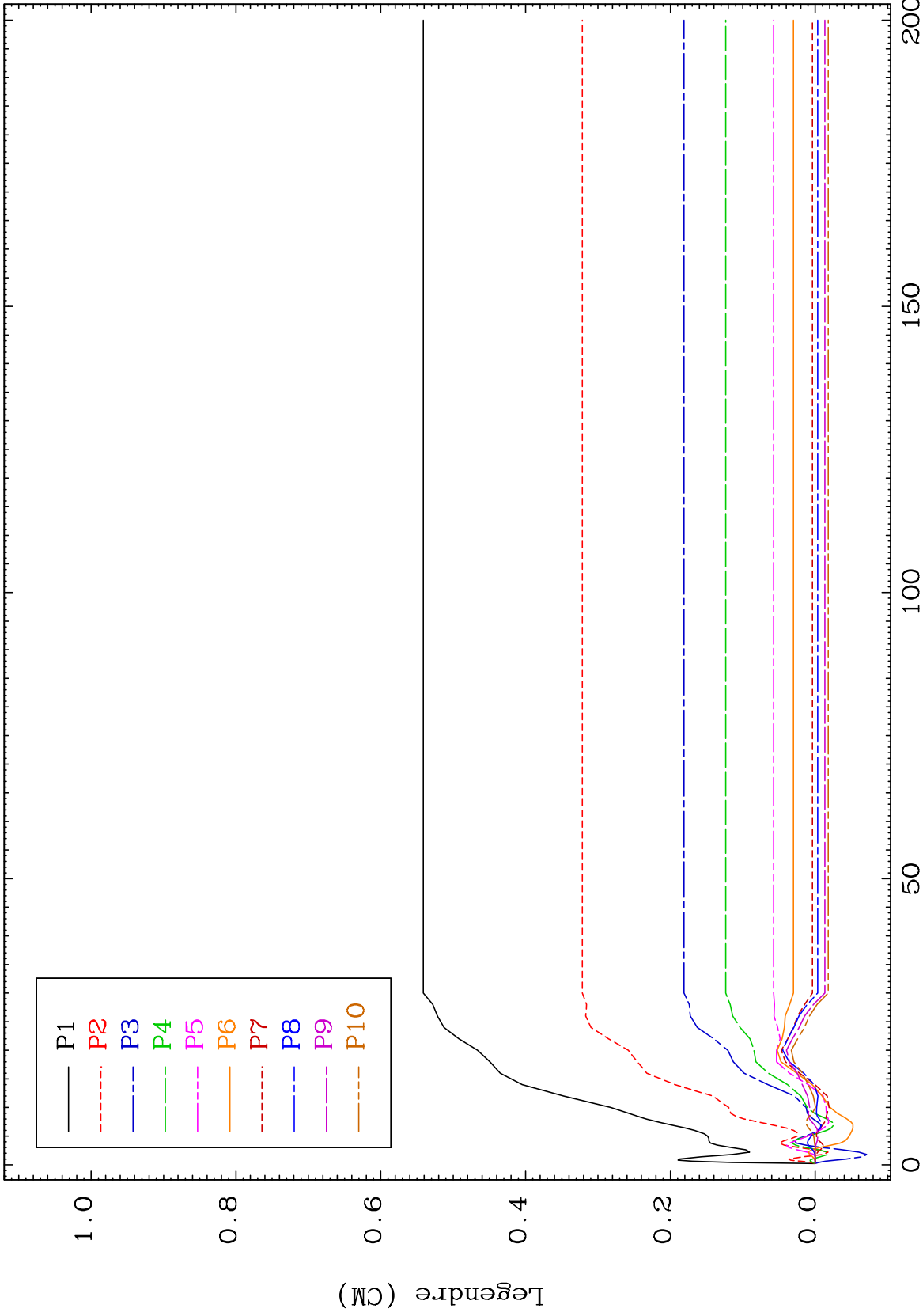
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77-Ir-188

MAT 7716

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

77-Ir-188



39

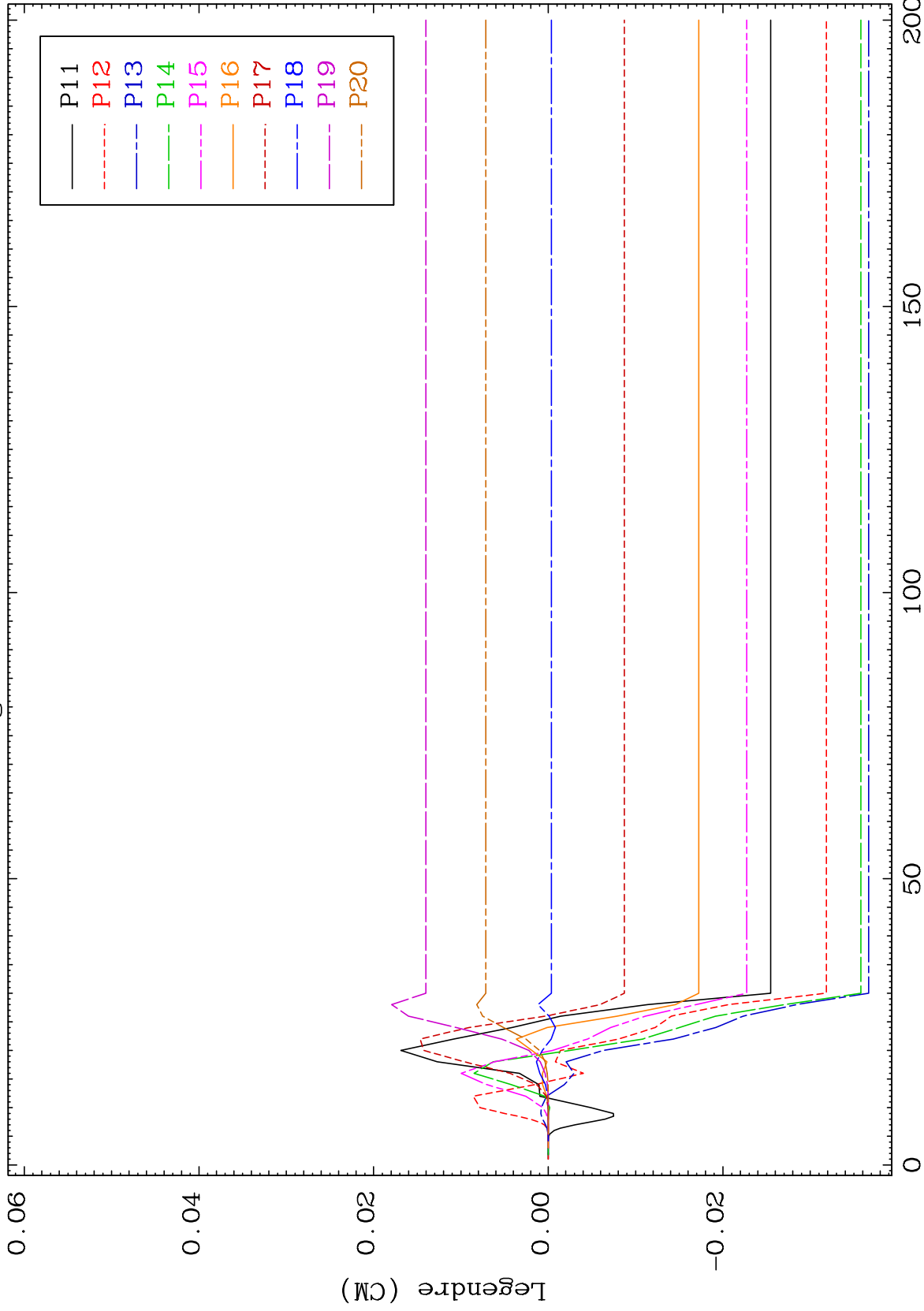
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



40

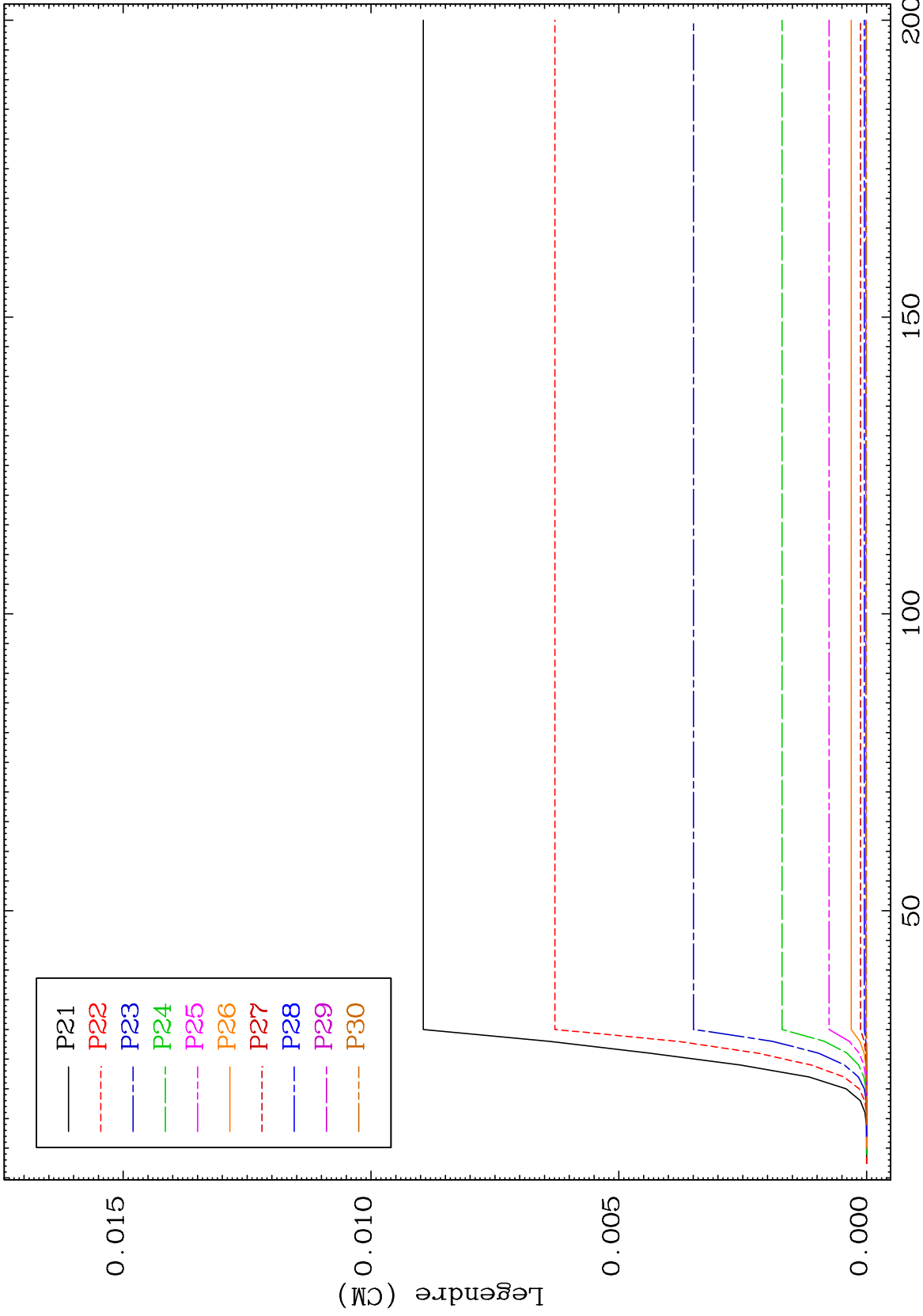
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

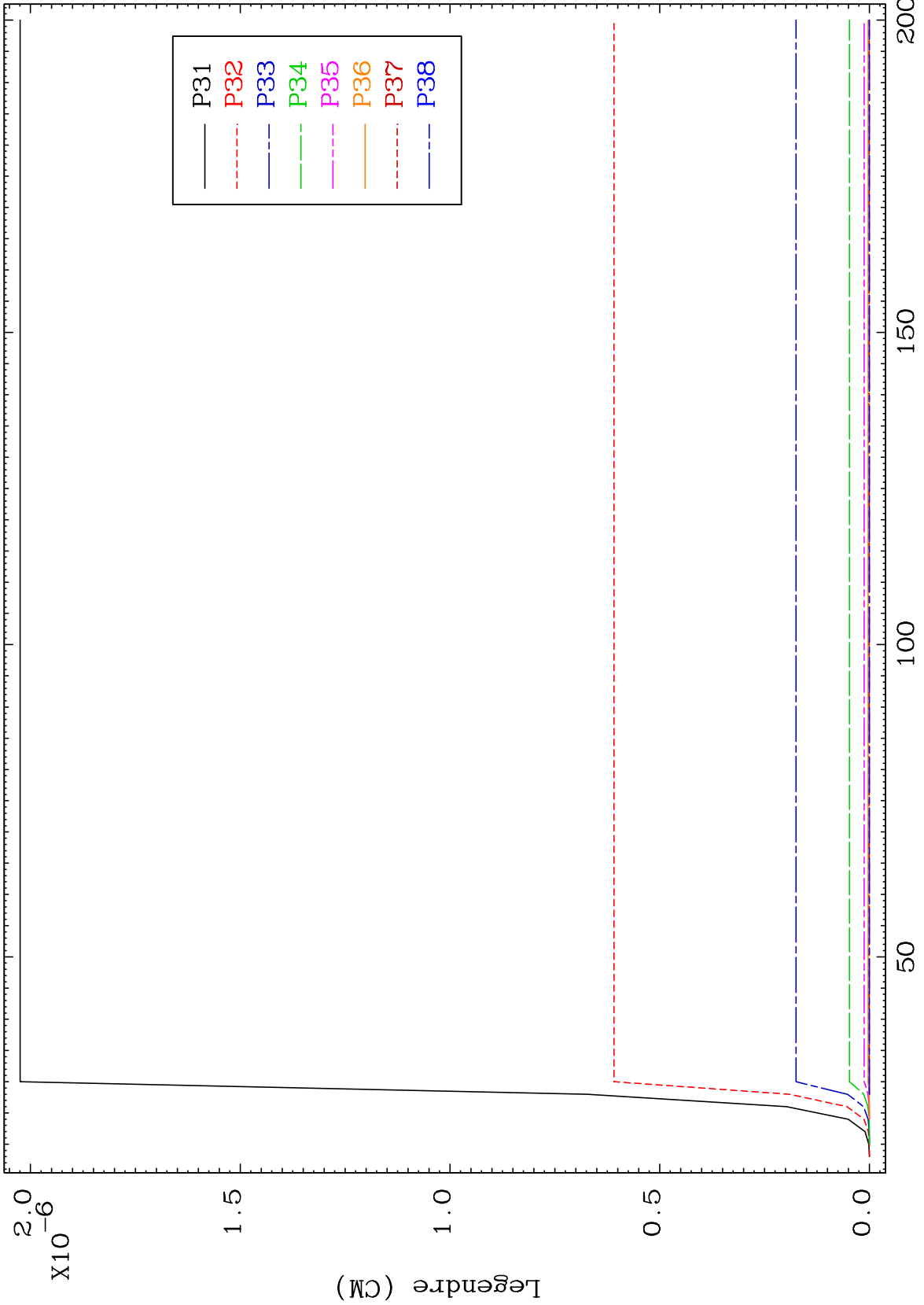
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MAT 7716

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

77-Ir-188

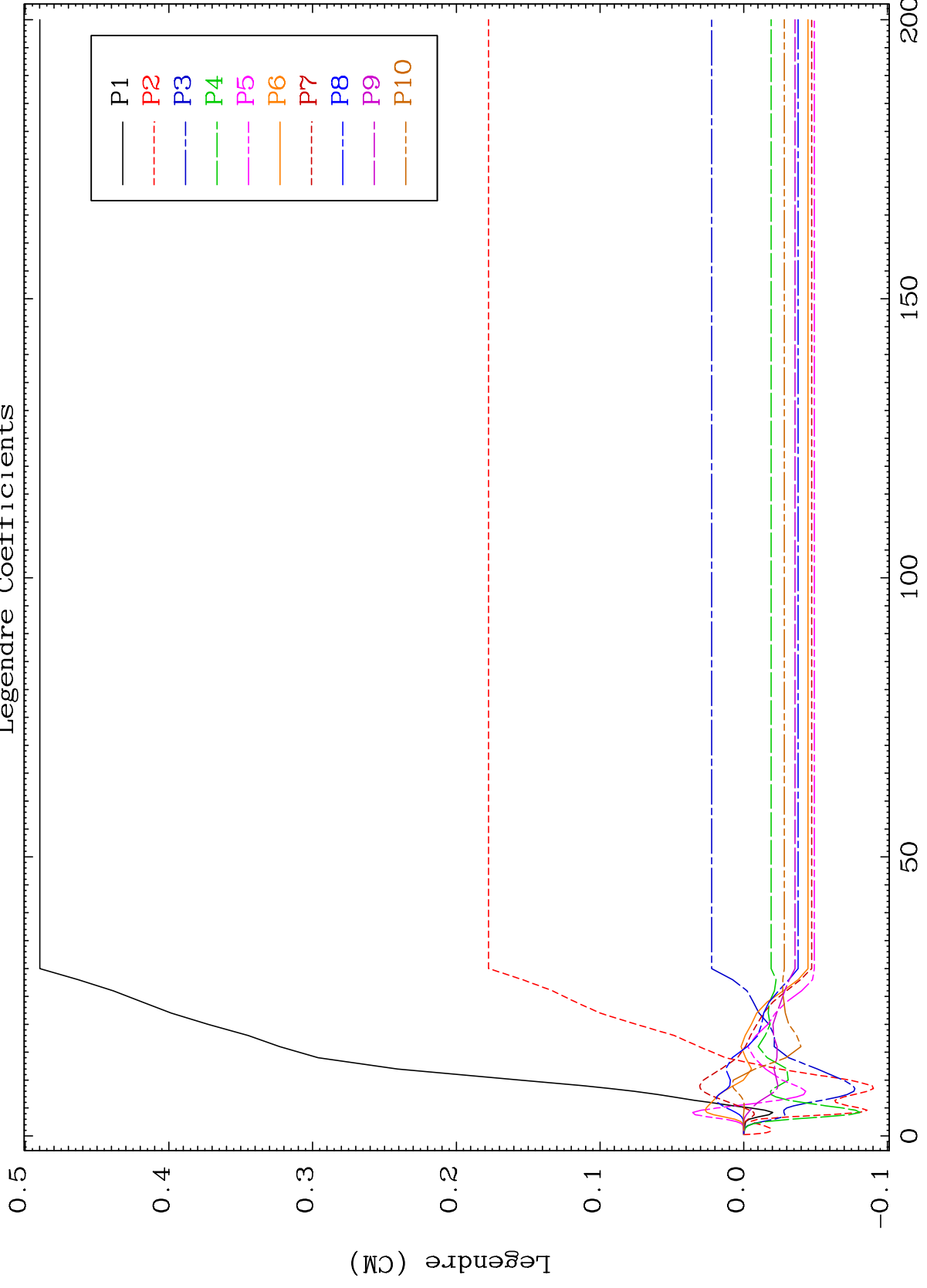


42

Incident Energy (MeV)

77-Ir-188

MAT 7716 MT= 57 (n,n') Level Legendre Coefficients 77-Ir-188

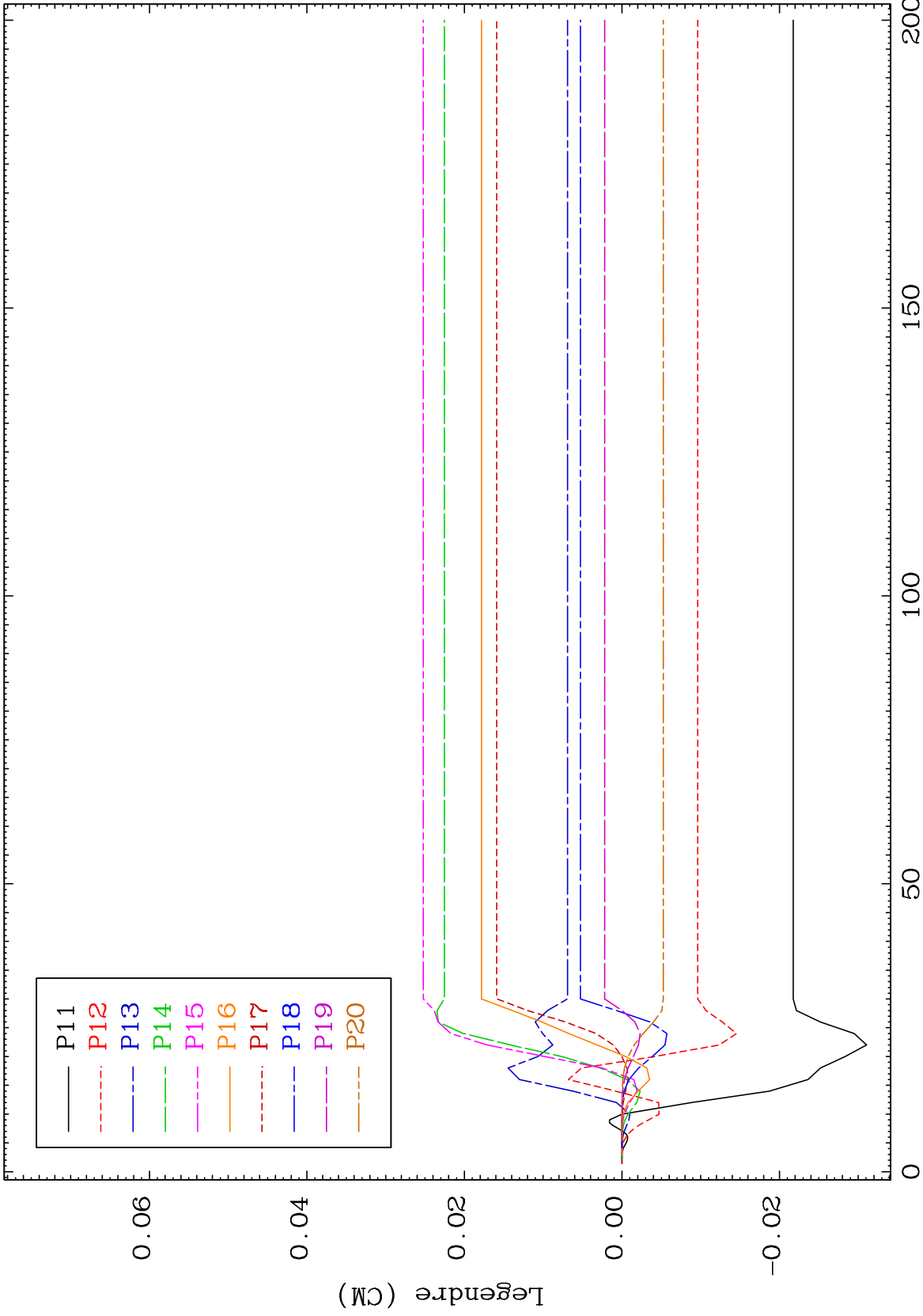


43 77-Ir-188

MAT 7716

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

77-Ir-188



44

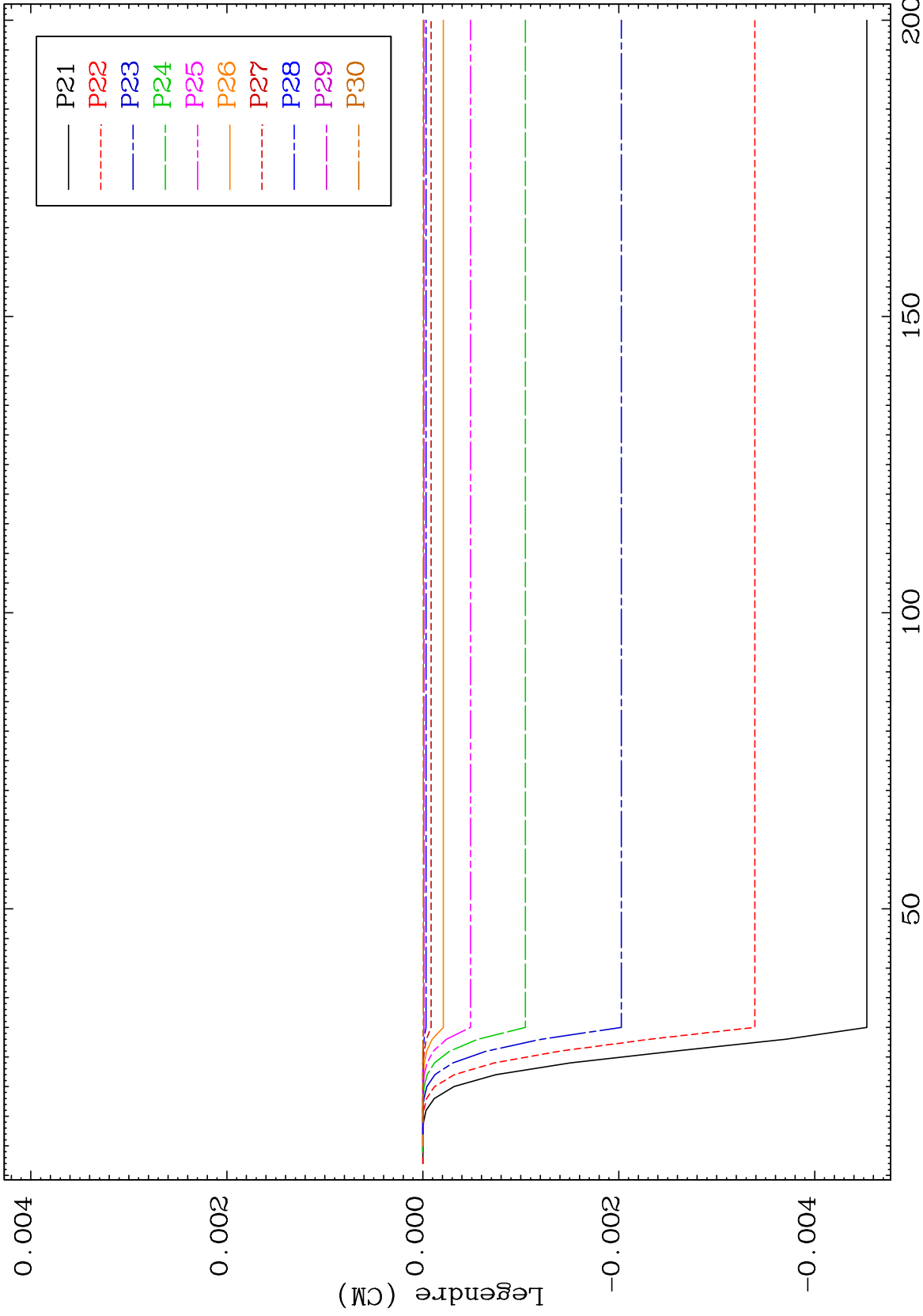
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



45

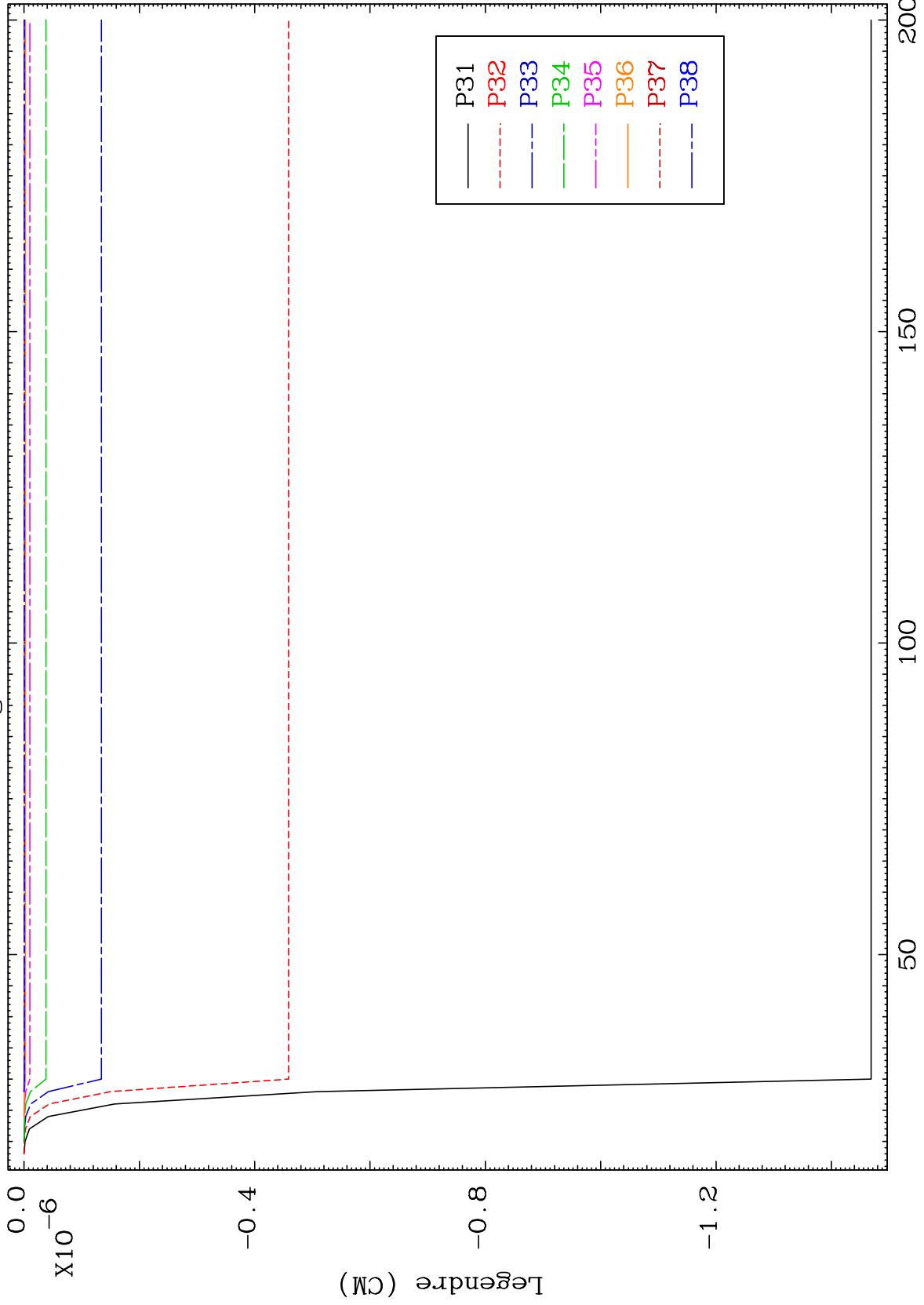
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



77-Ir-188

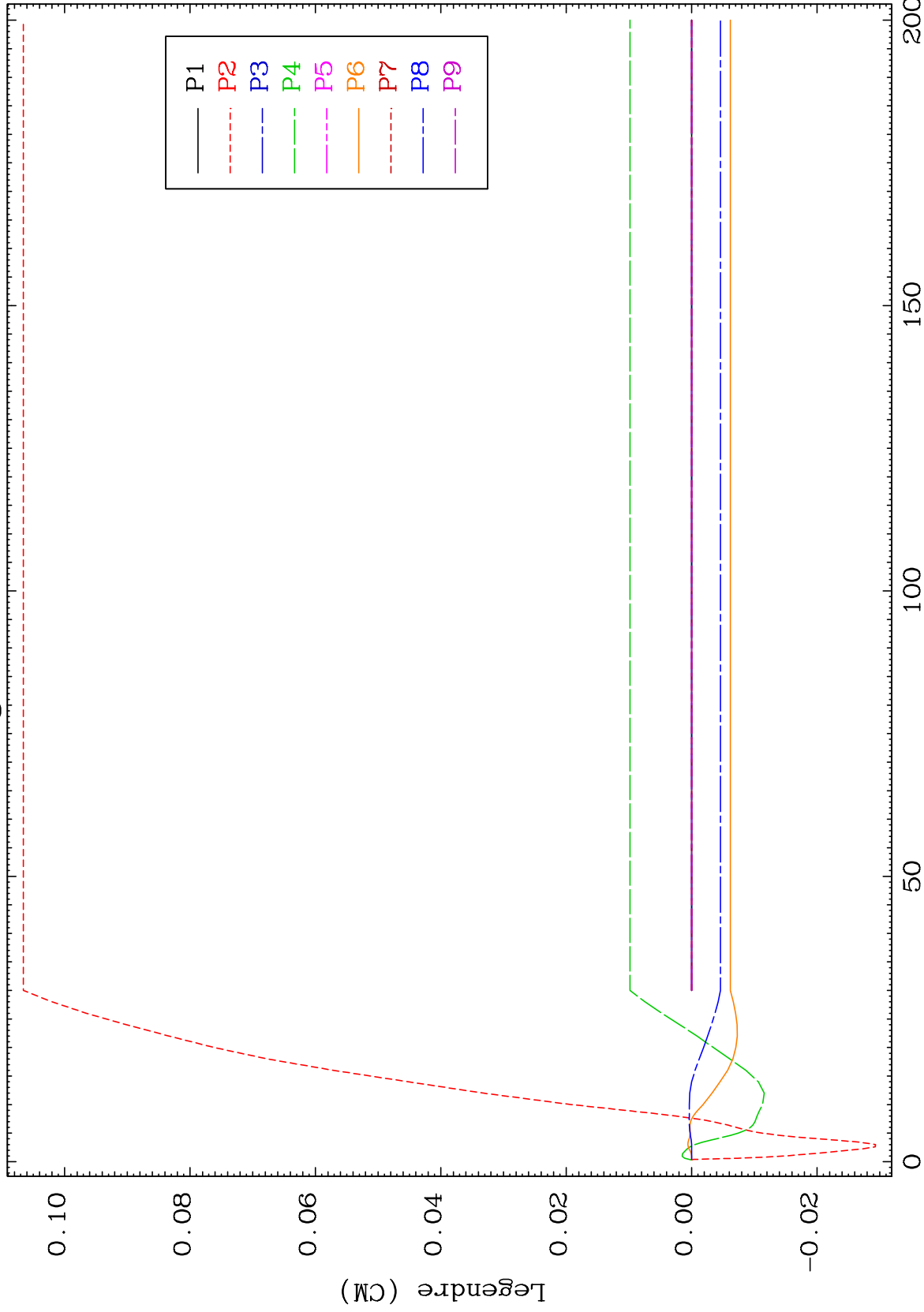
Incident Energy (MeV)

46

MAT 7716

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

77-Ir-188



47

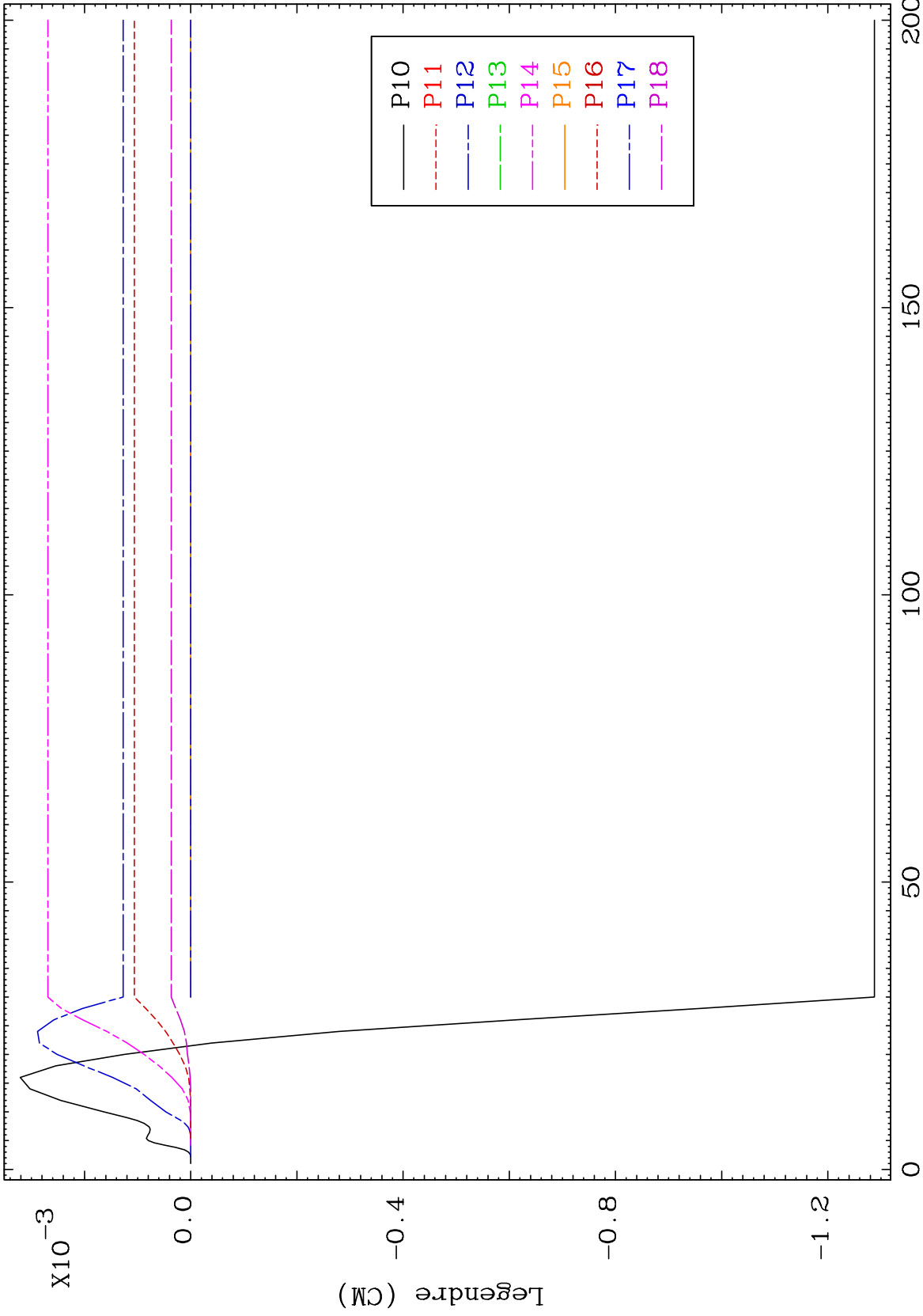
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188

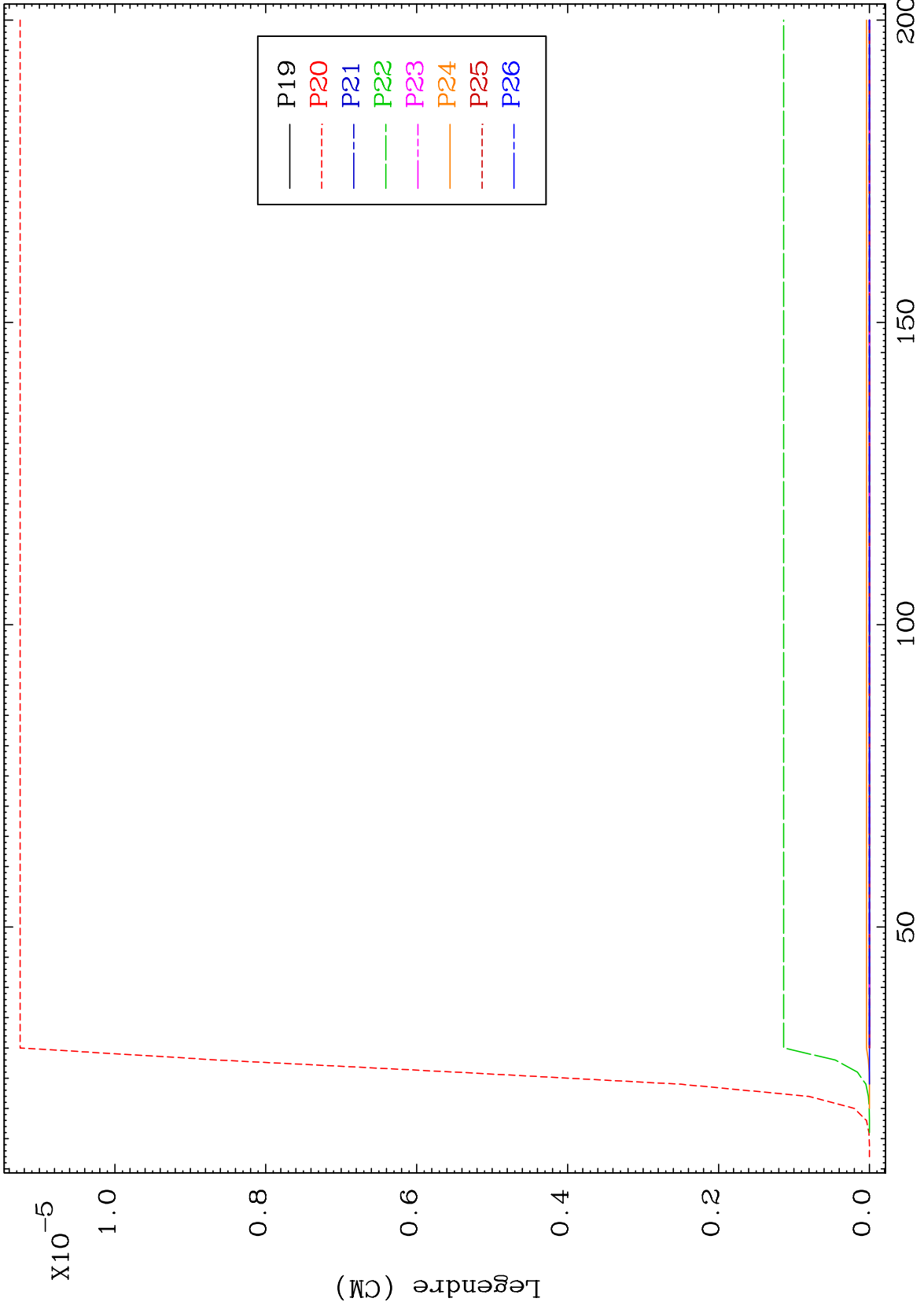


48

Incident Energy (MeV)

77-Ir-188

MAT 7716 MT= 58 (n,n') Level Legendre Coefficients 77-Ir-188

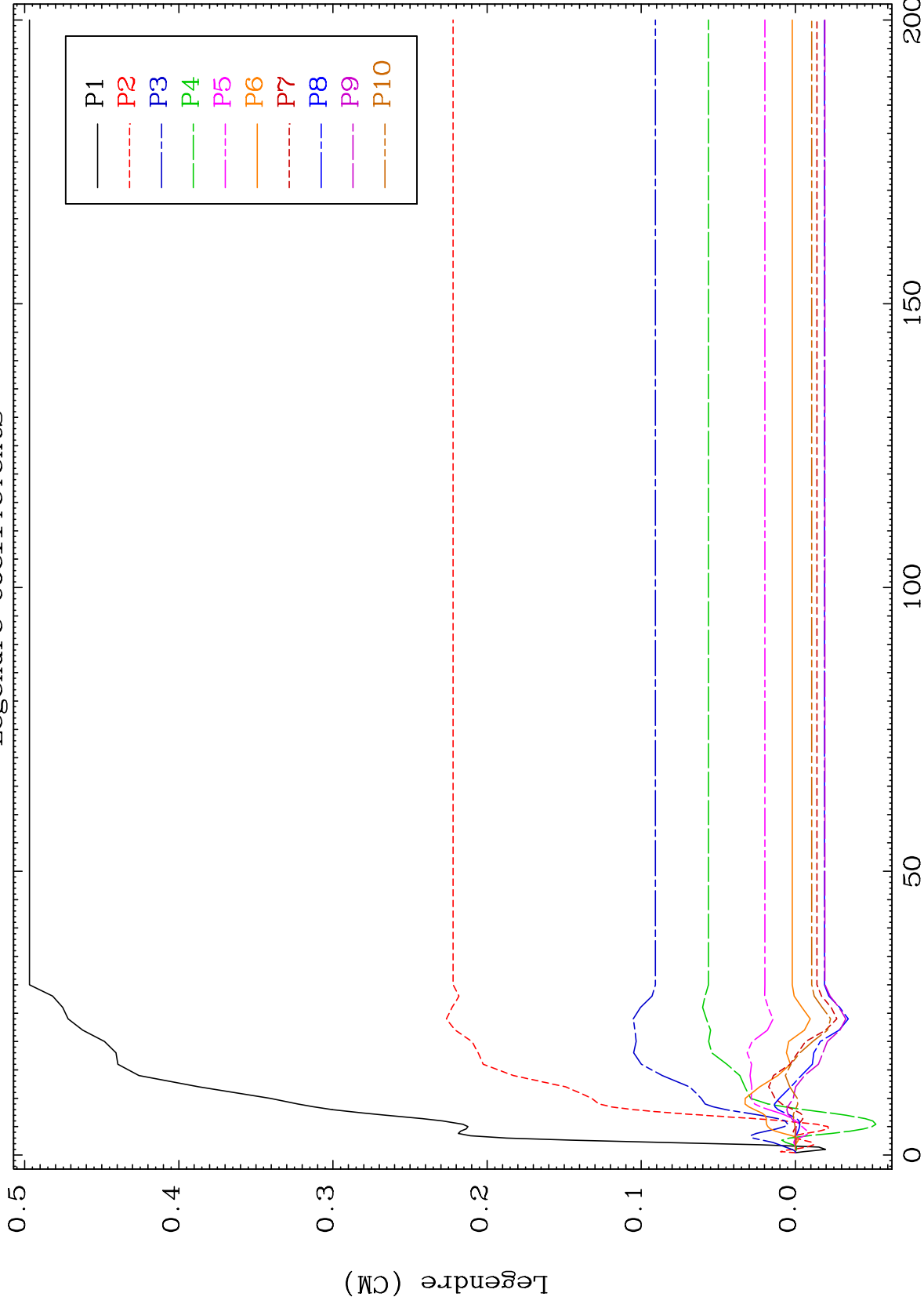


49 77-Ir-188

MAT 7716

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

77-Ir-188



77-Ir-188

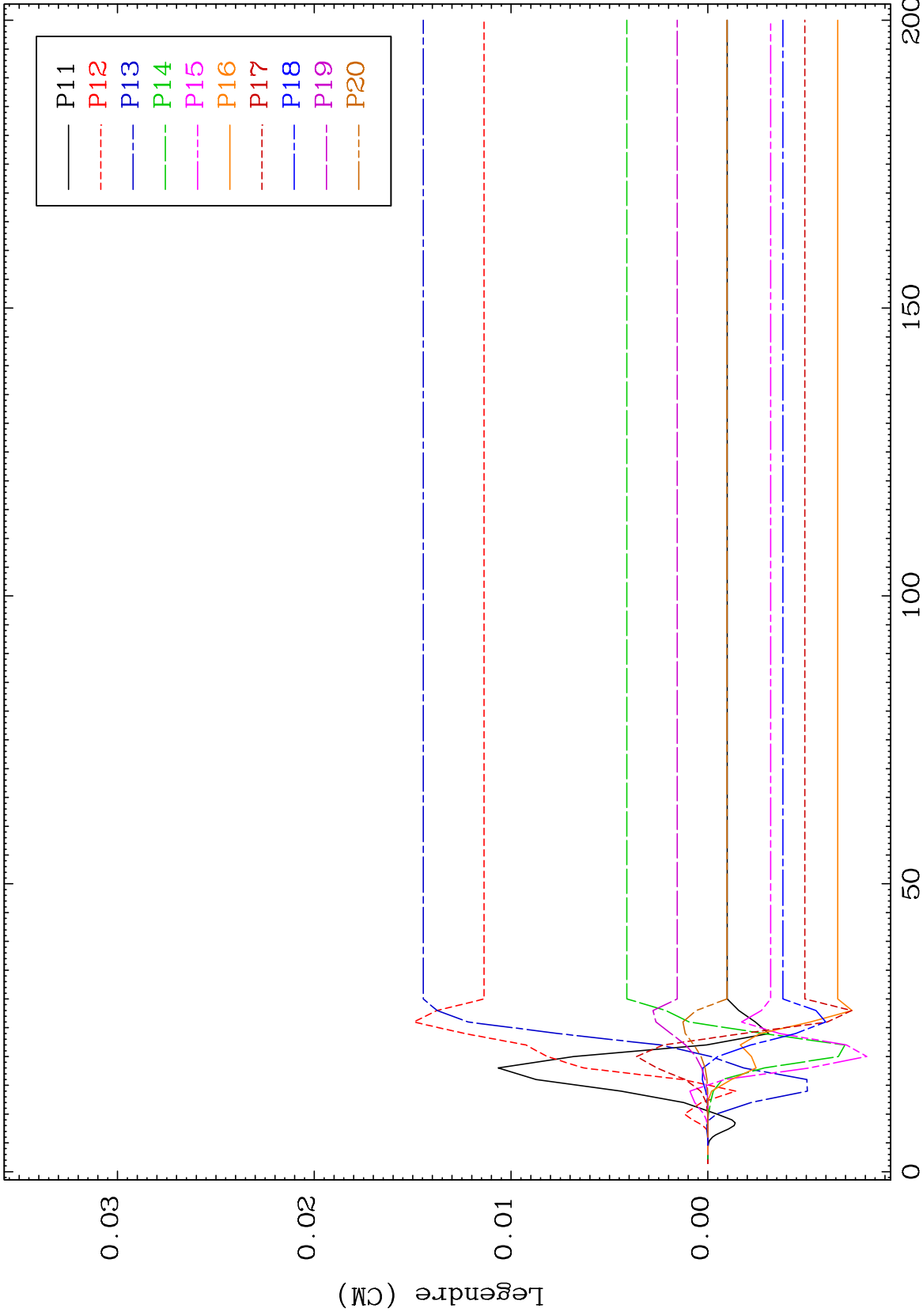
Incident Energy (MeV)

50

MAT 7716

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

77-Ir-188



51

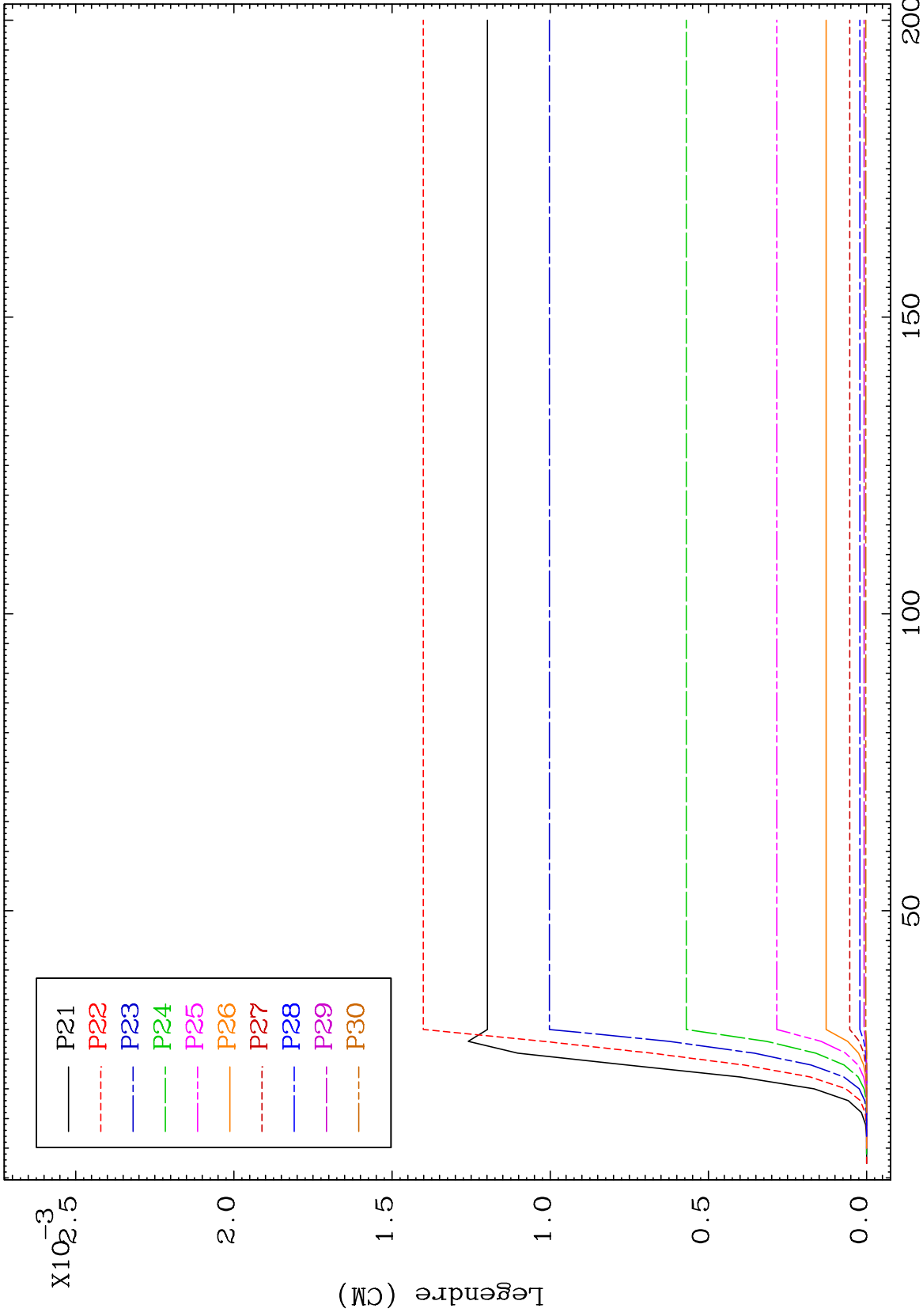
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



52

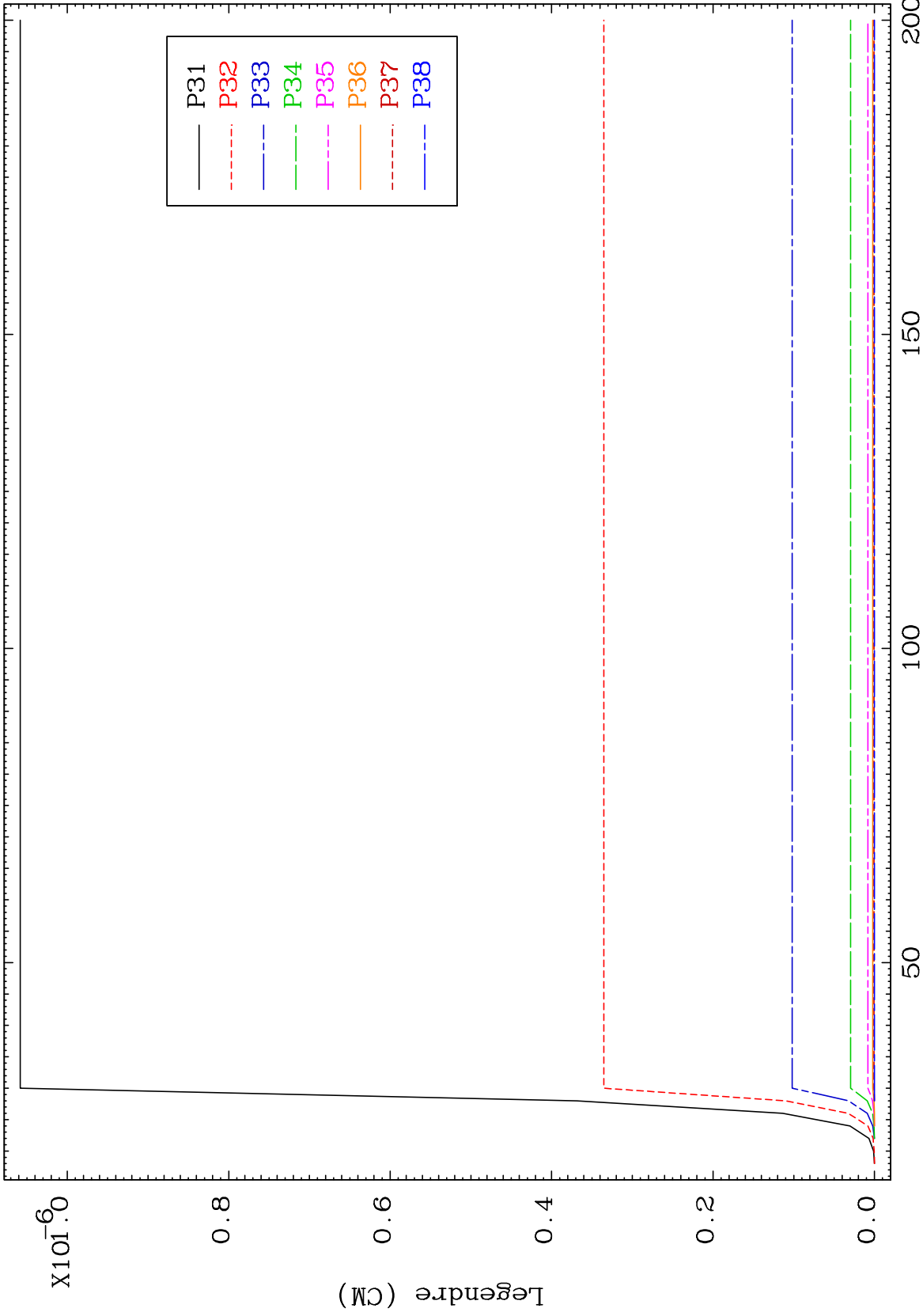
77-Ir-188

77-Ir-188

MAT 7716

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

77-Ir-188



53

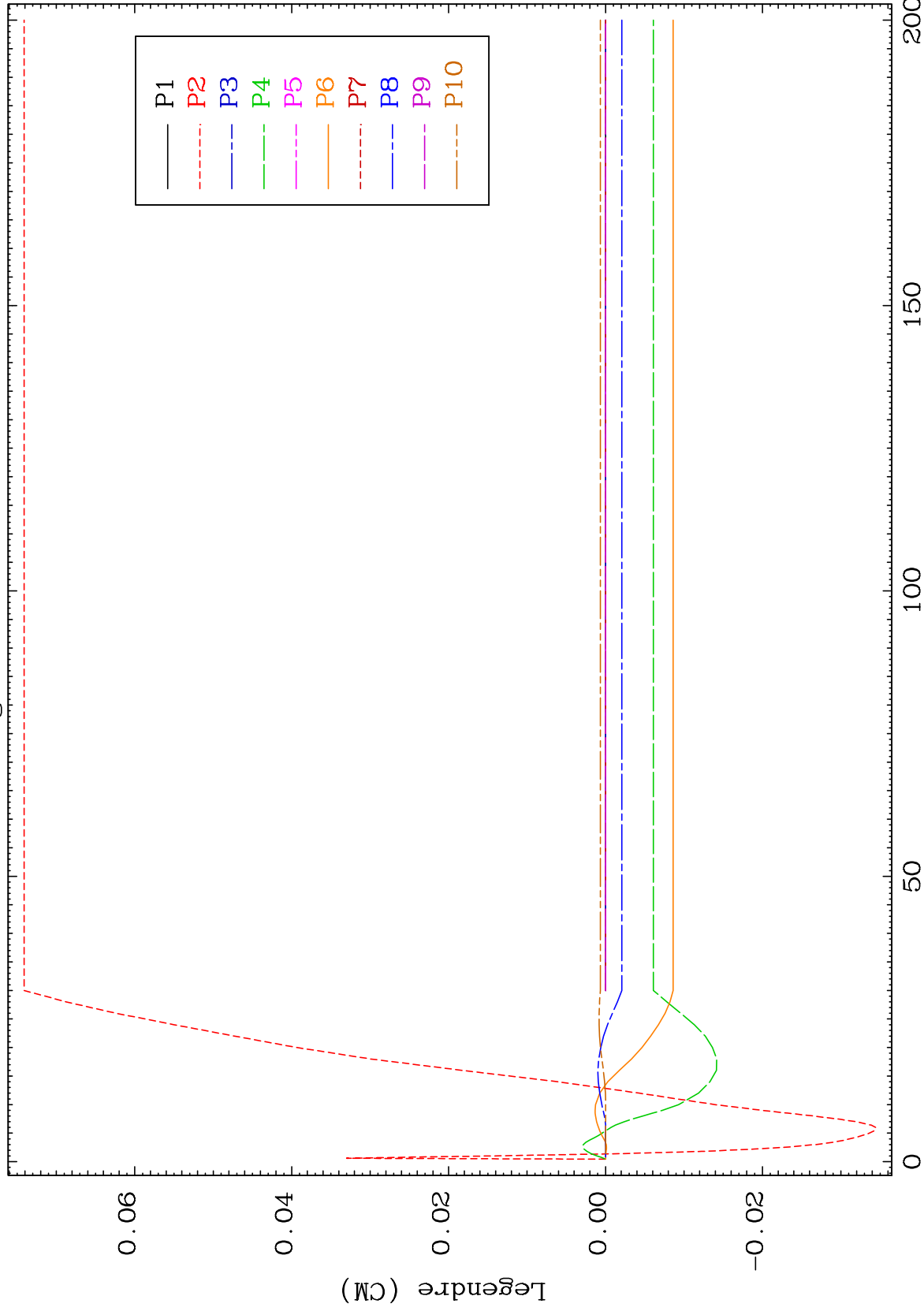
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



54

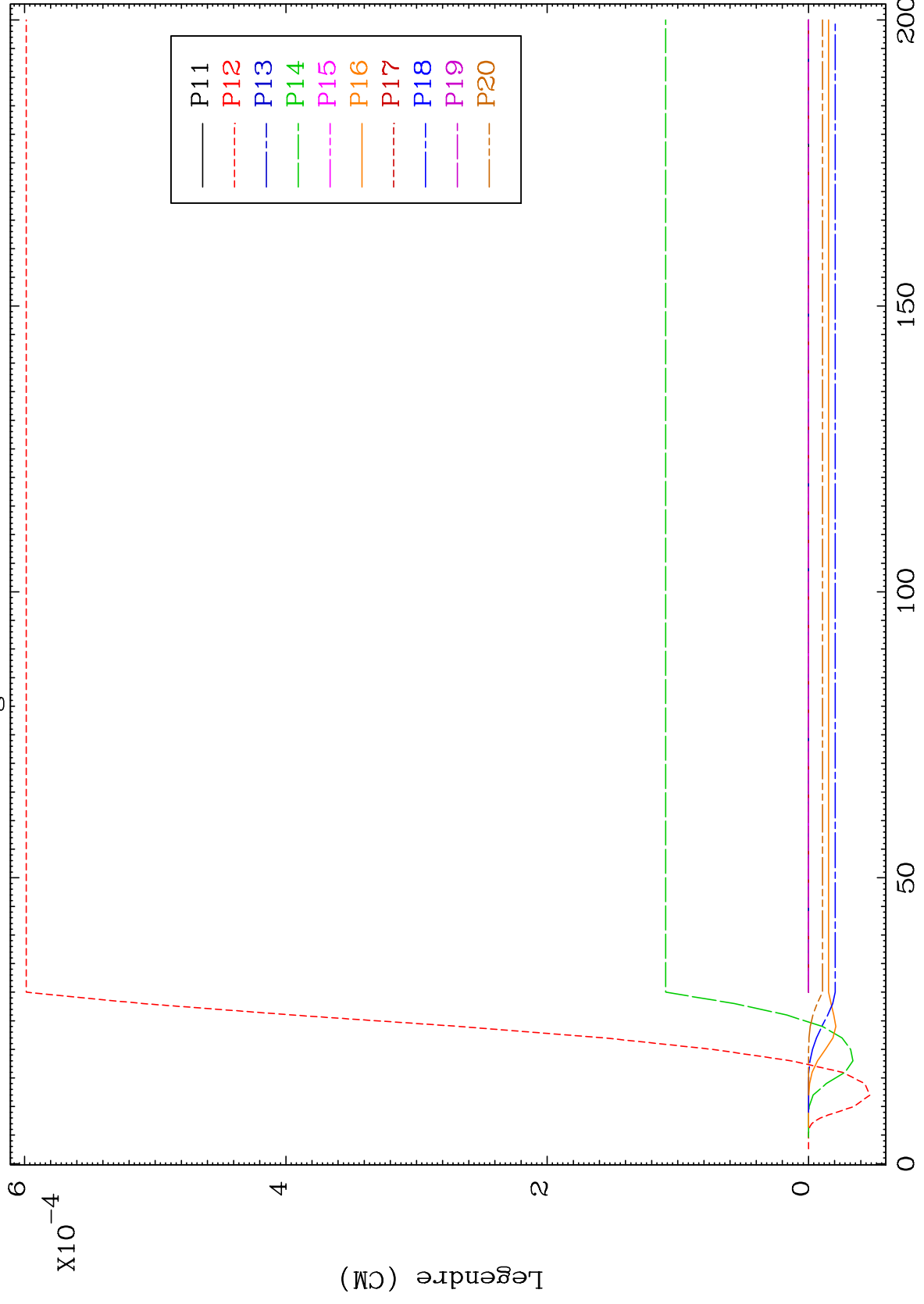
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



55

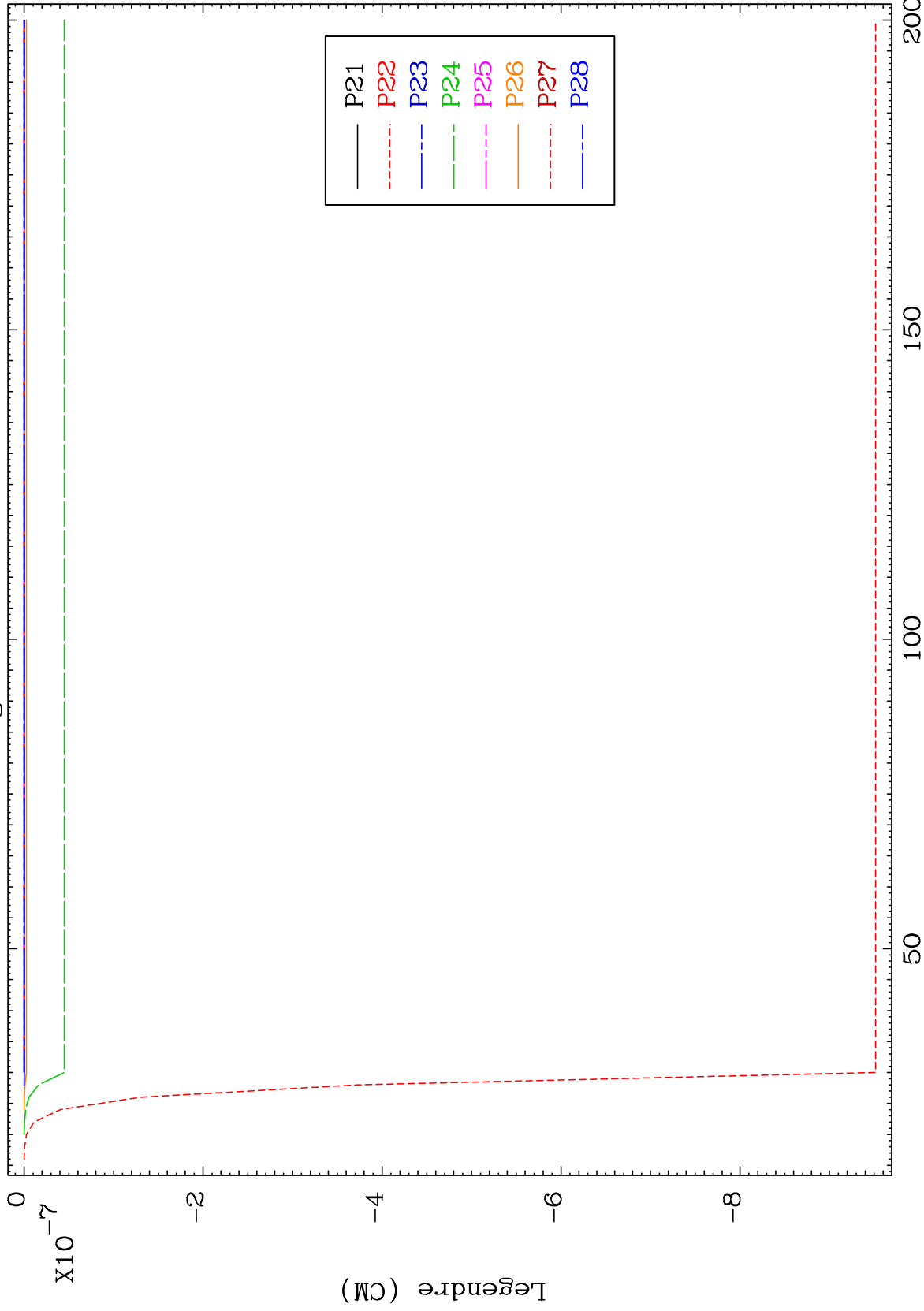
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



77-Ir-188

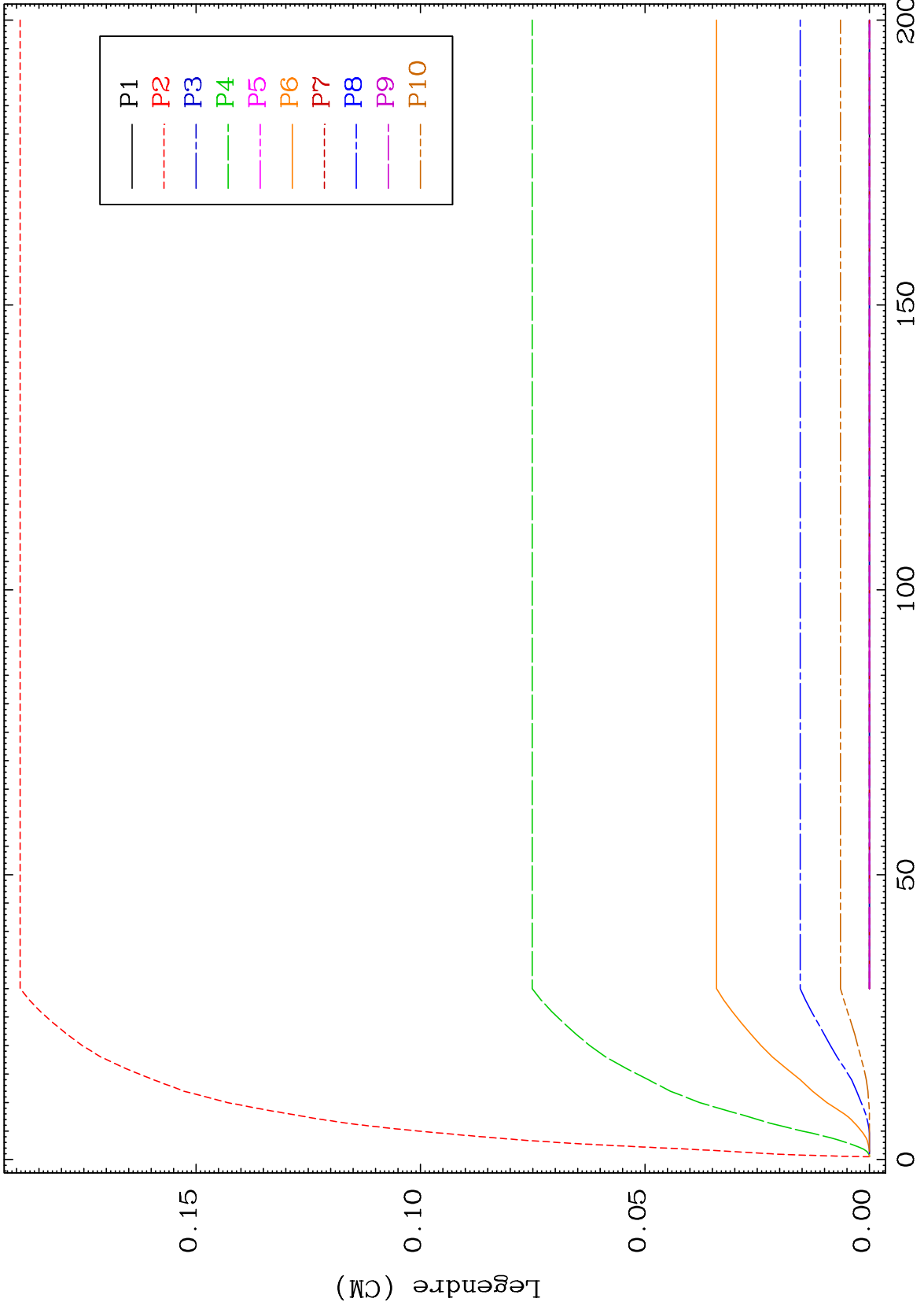
Incident Energy (MeV)

56

MAT 7716

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

77-Ir-188



57

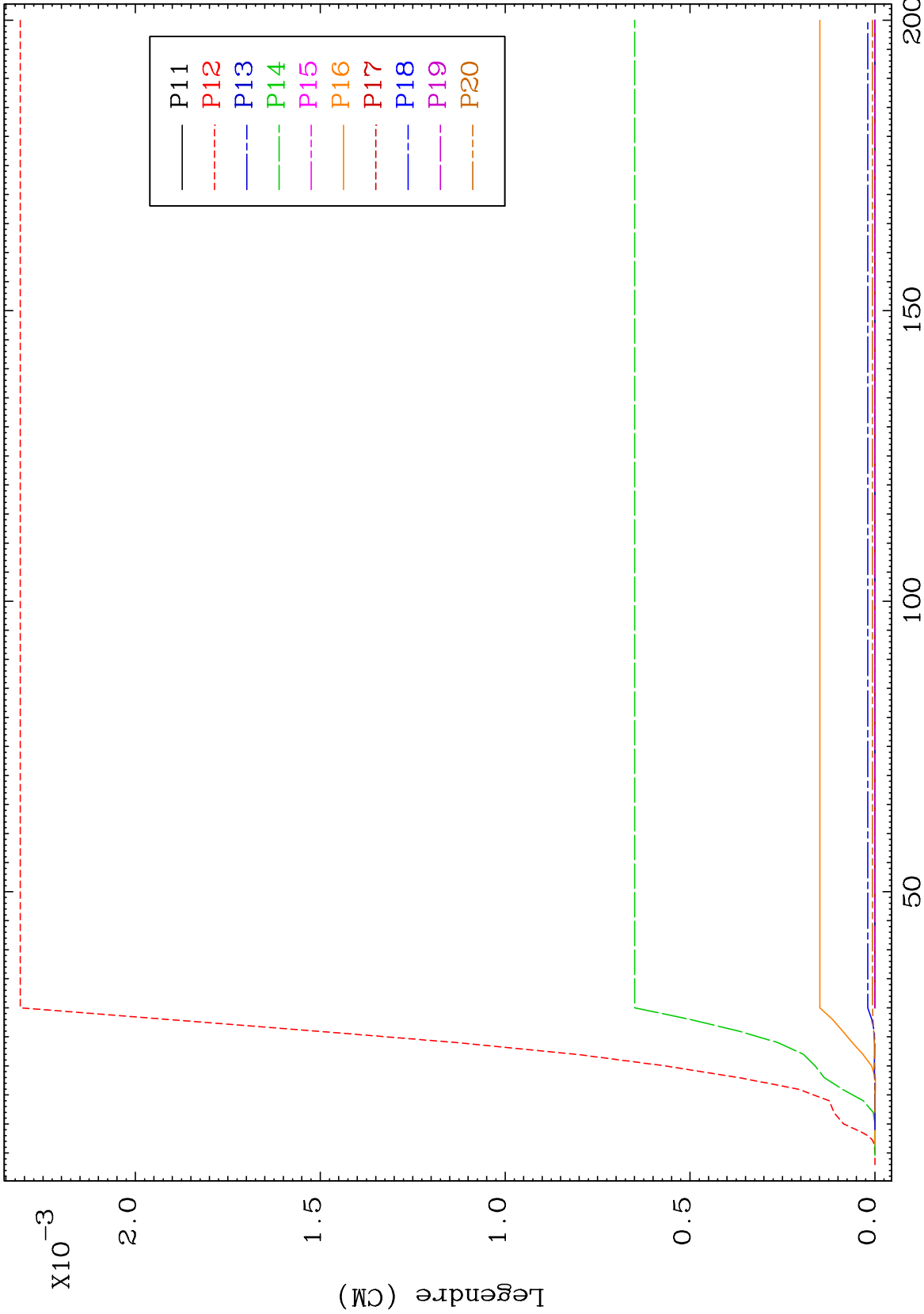
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188

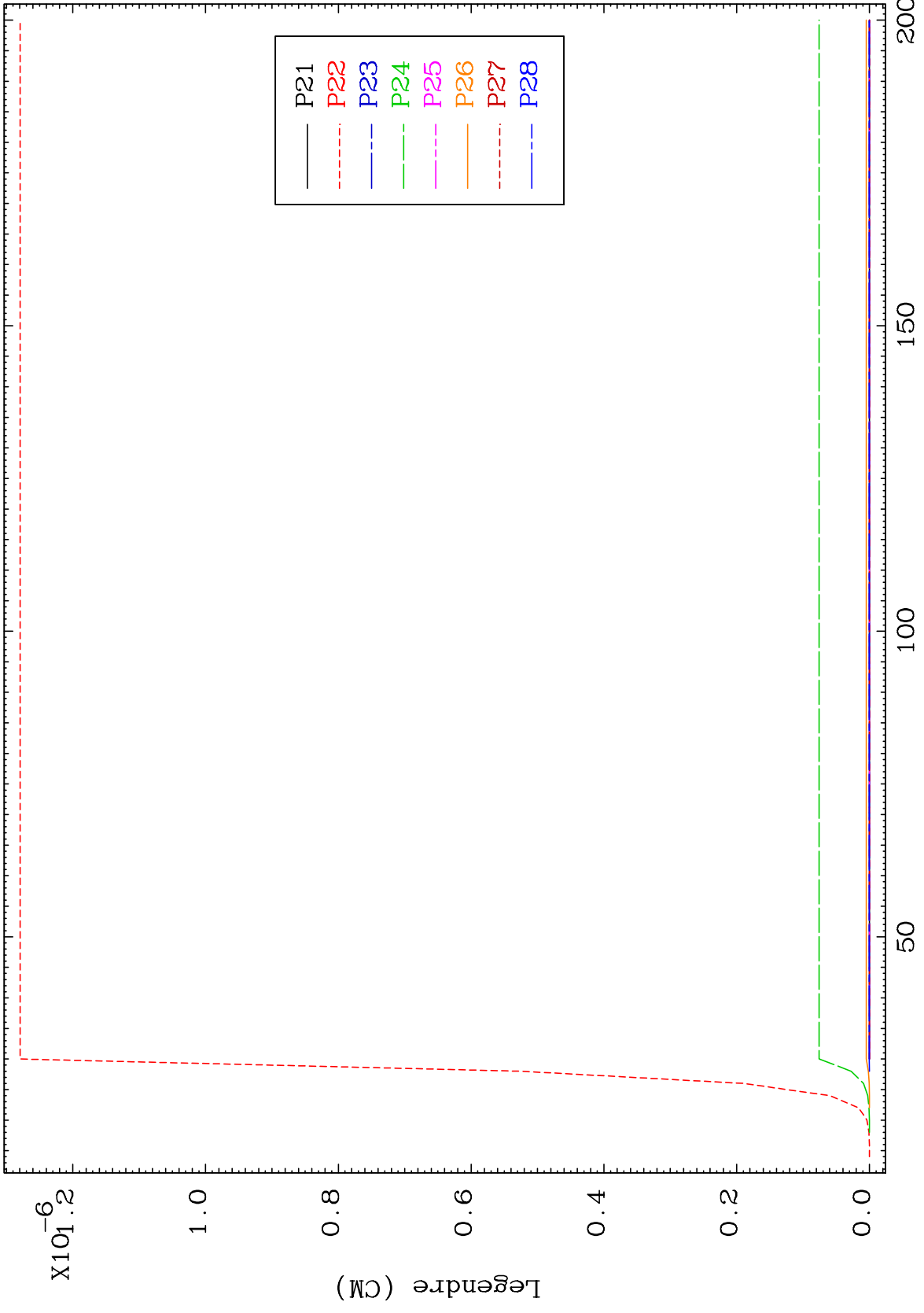


58

Incident Energy (MeV)

77-Ir-188

MAT 7716 MT= 61 (n,n') Level Legendre Coefficients 77-Ir-188

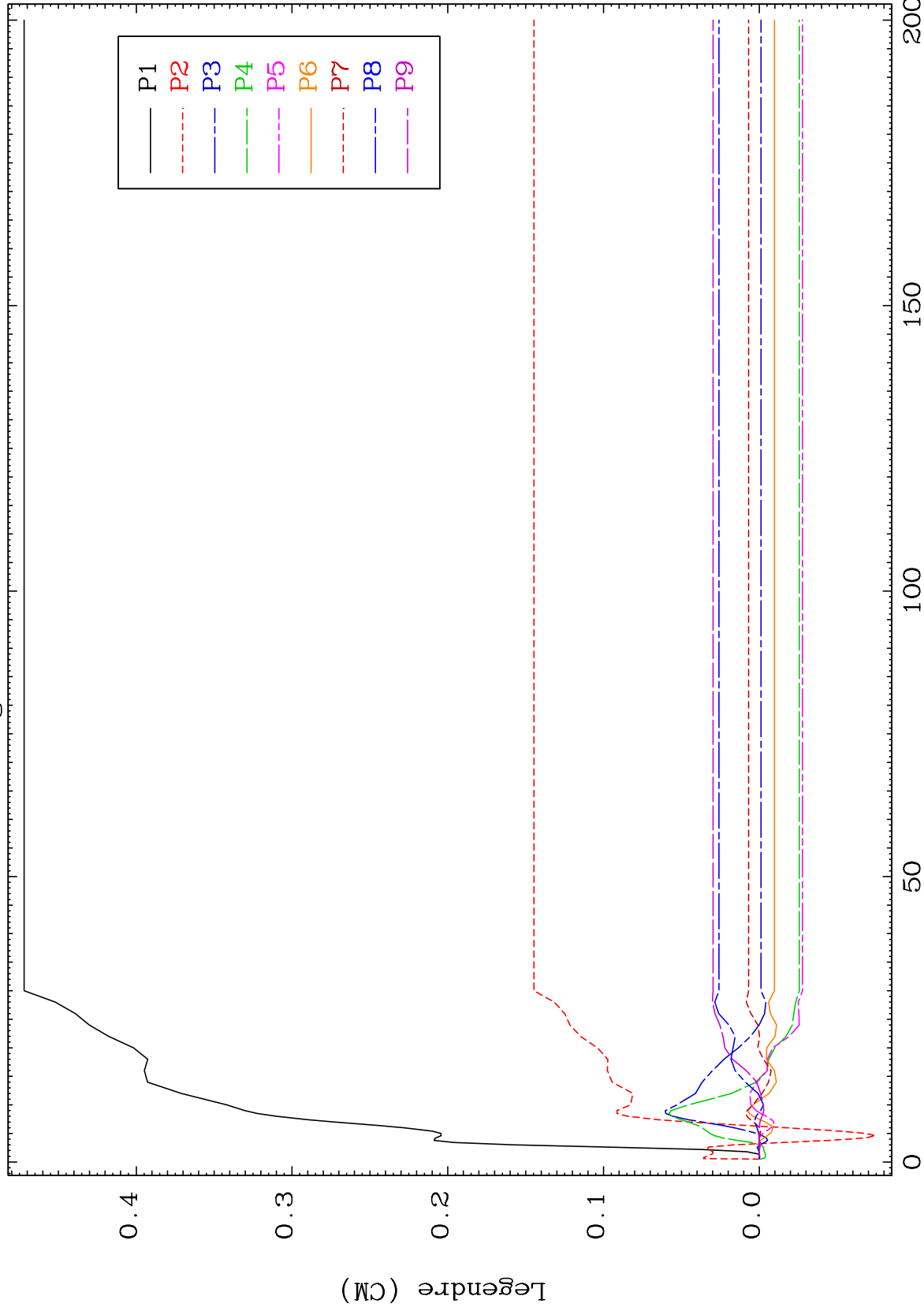


59 Incident Energy (MeV) 77-Ir-188

MAT 7716

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

77-Ir-188



60

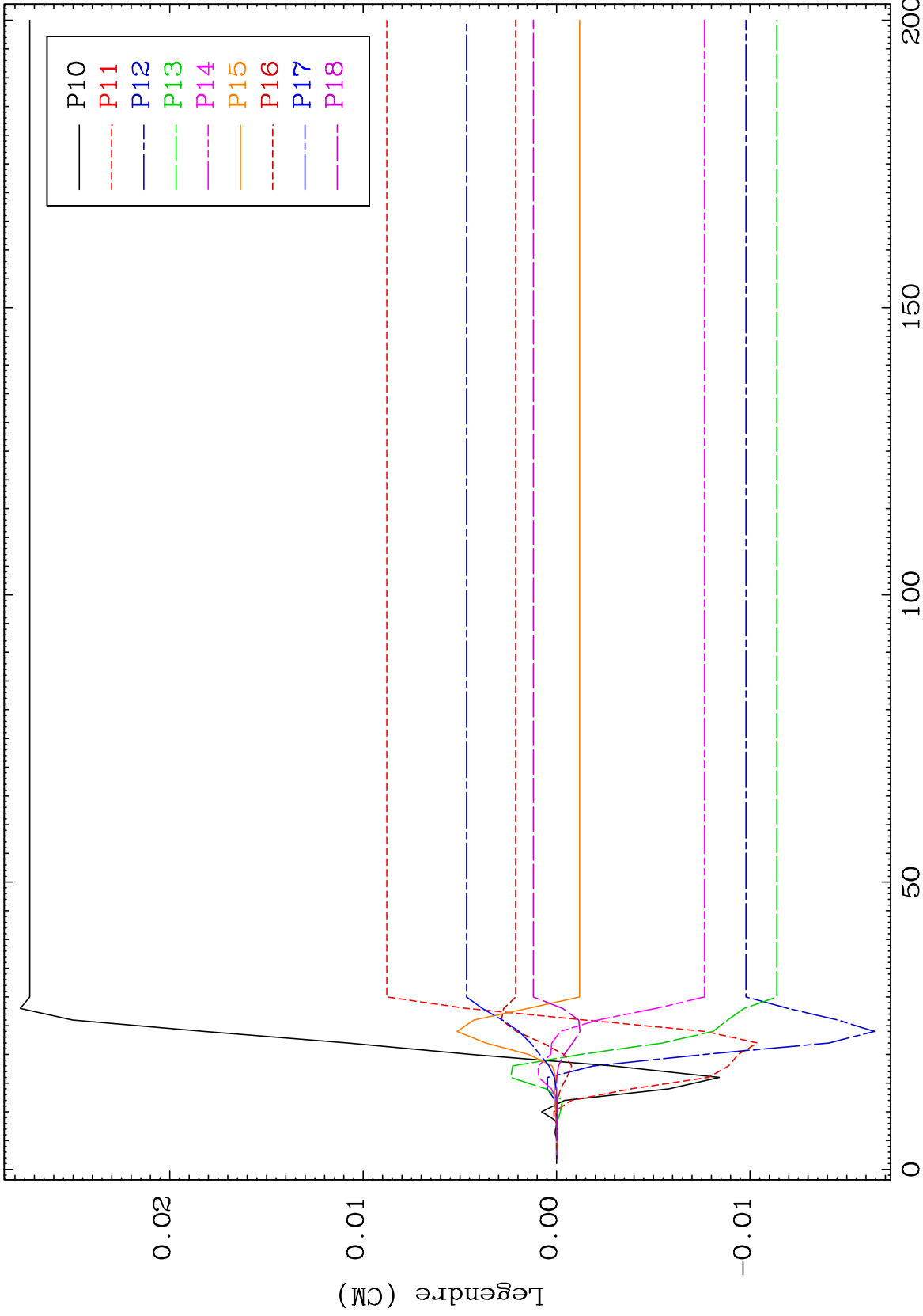
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



61

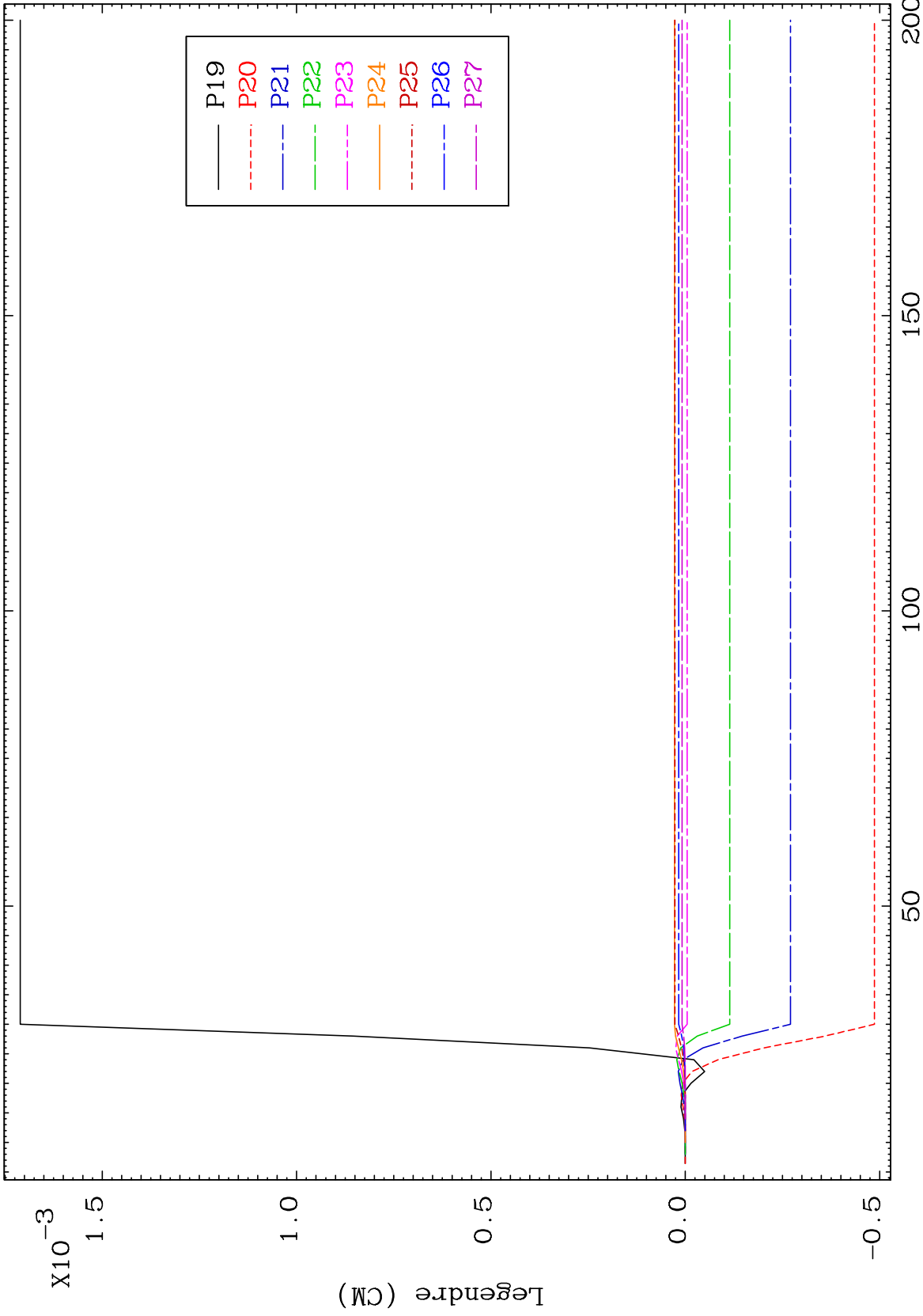
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



62

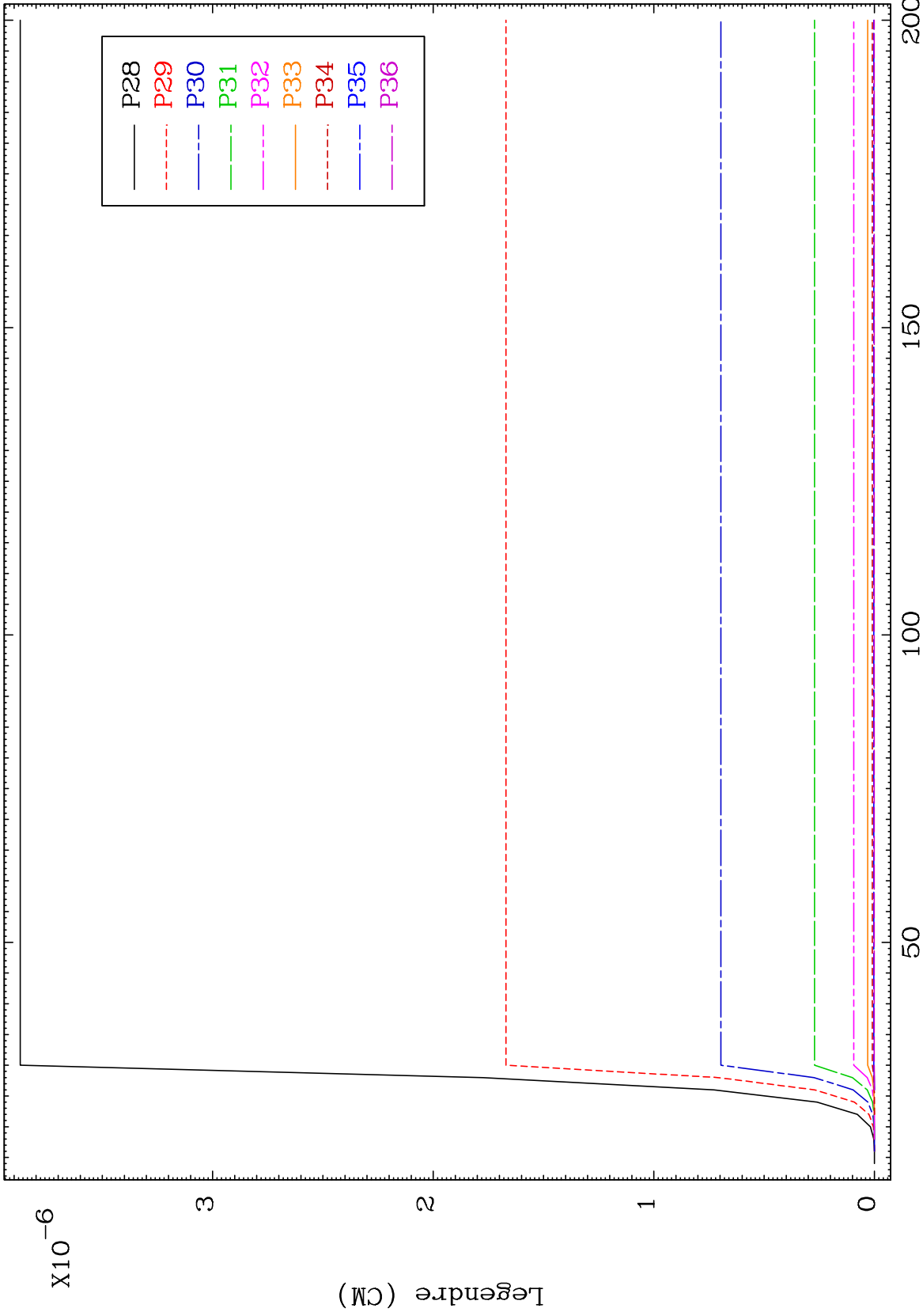
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



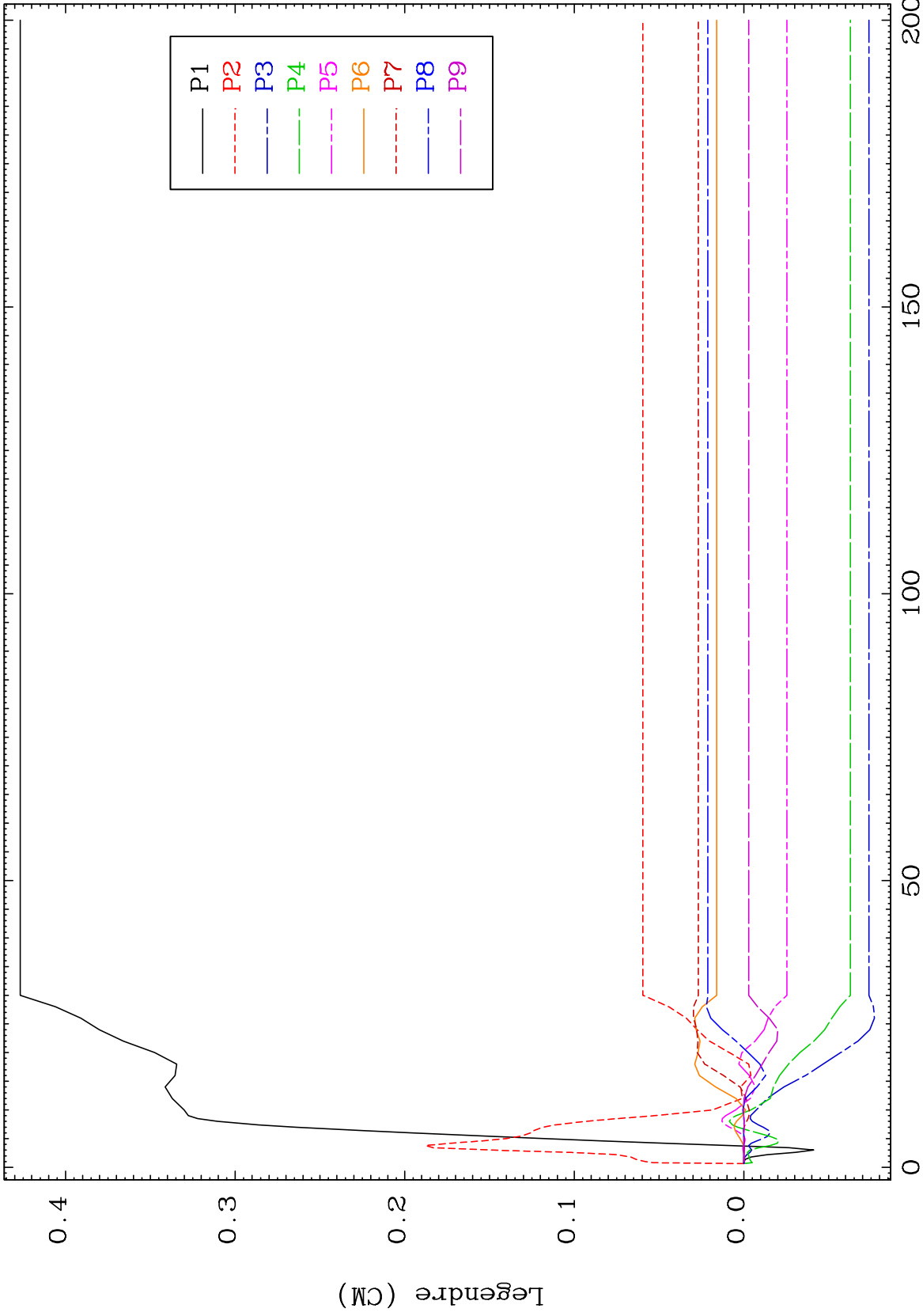
63

77-Ir-188

MAT 7716

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

77-Ir-188



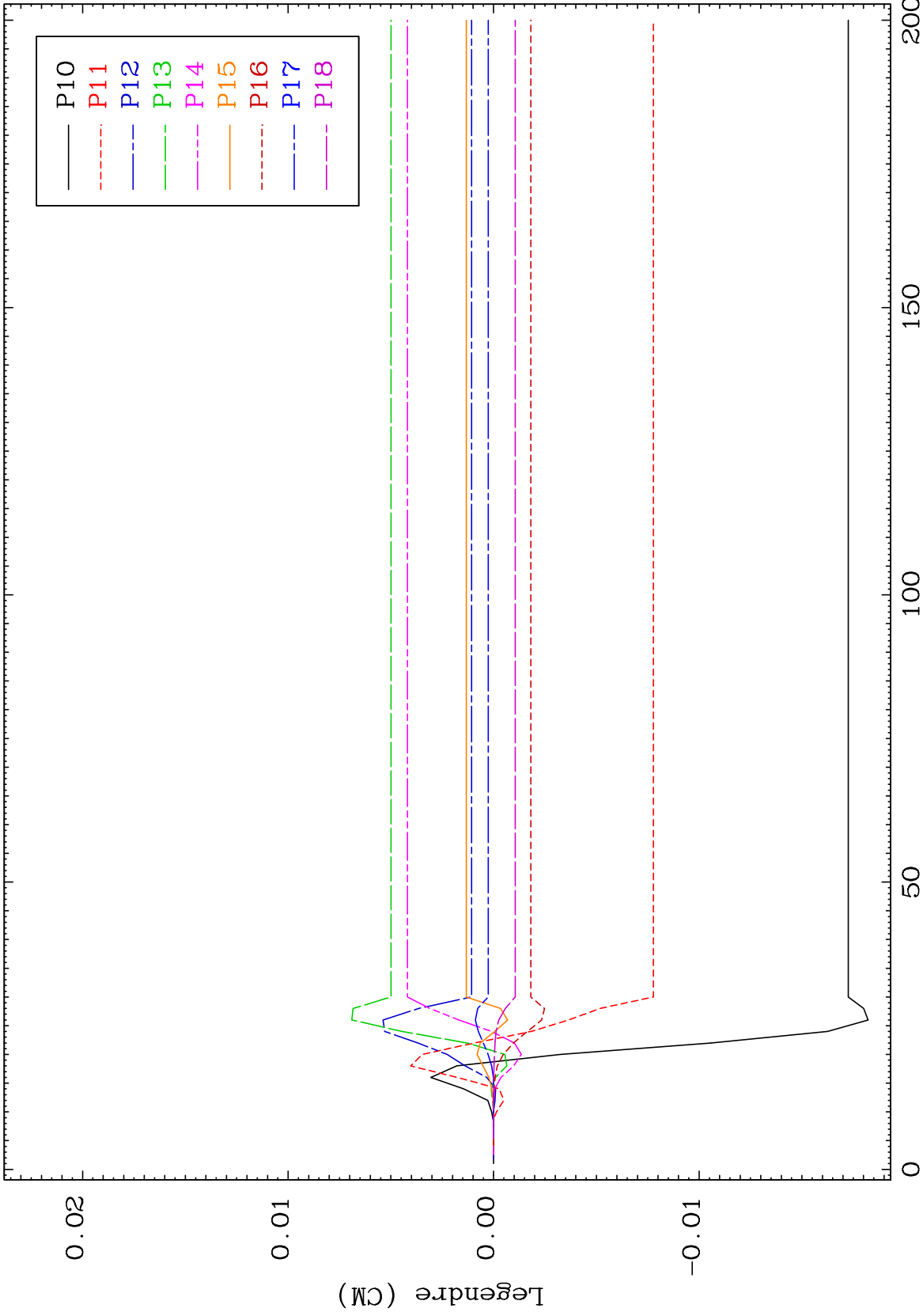
64

77-Ir-188

MAT 7716

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

77-Ir-188



65

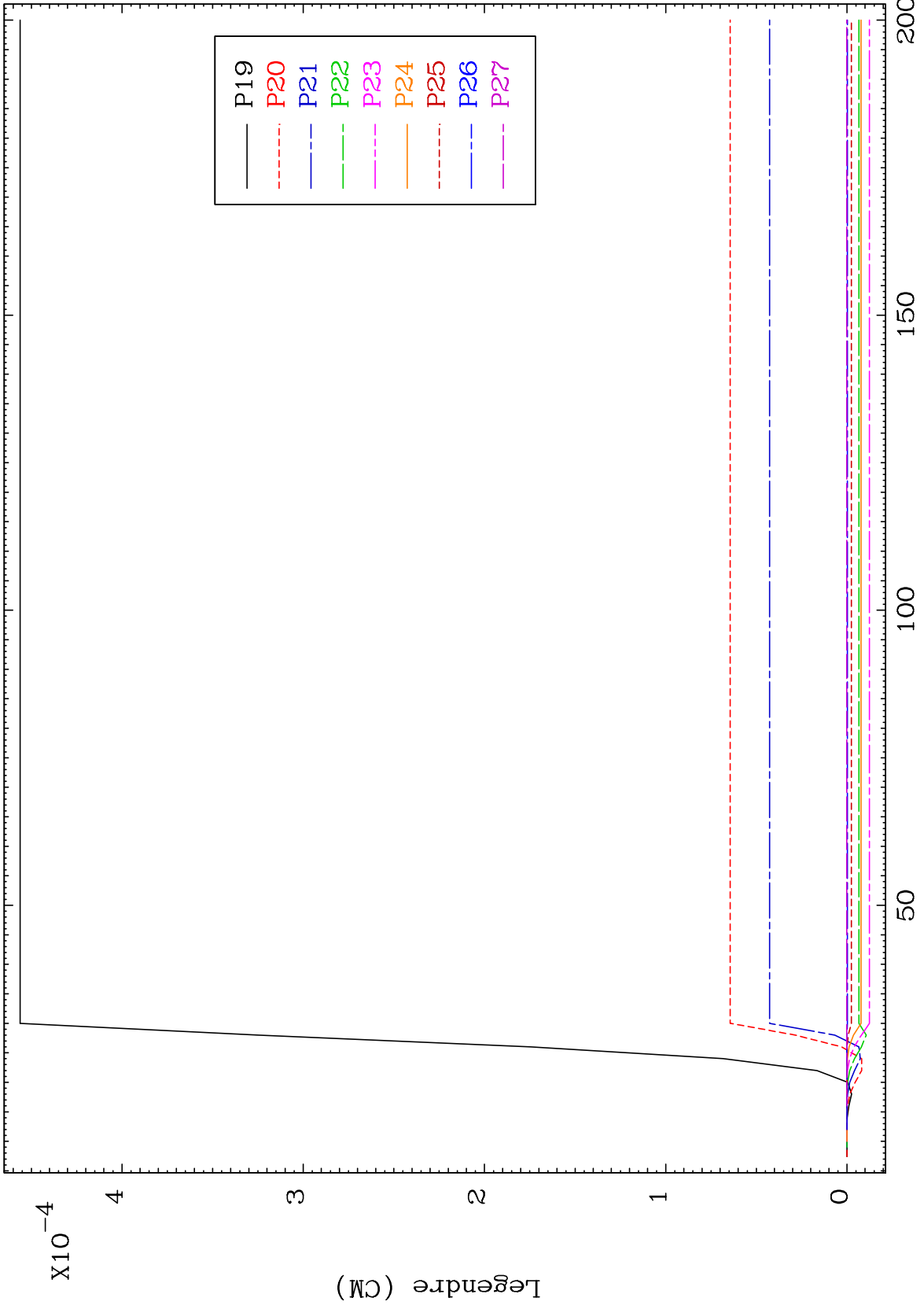
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



66

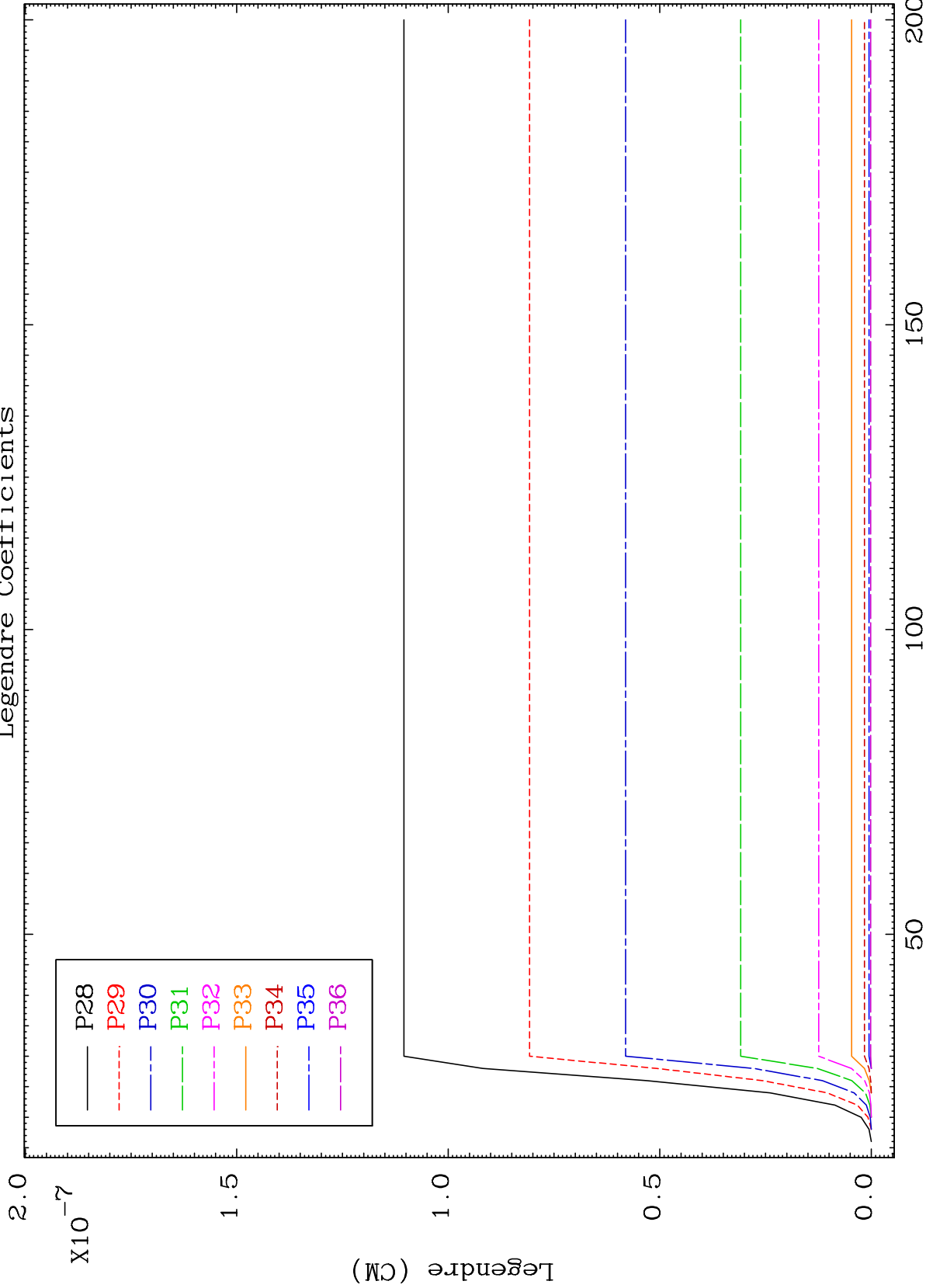
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



67

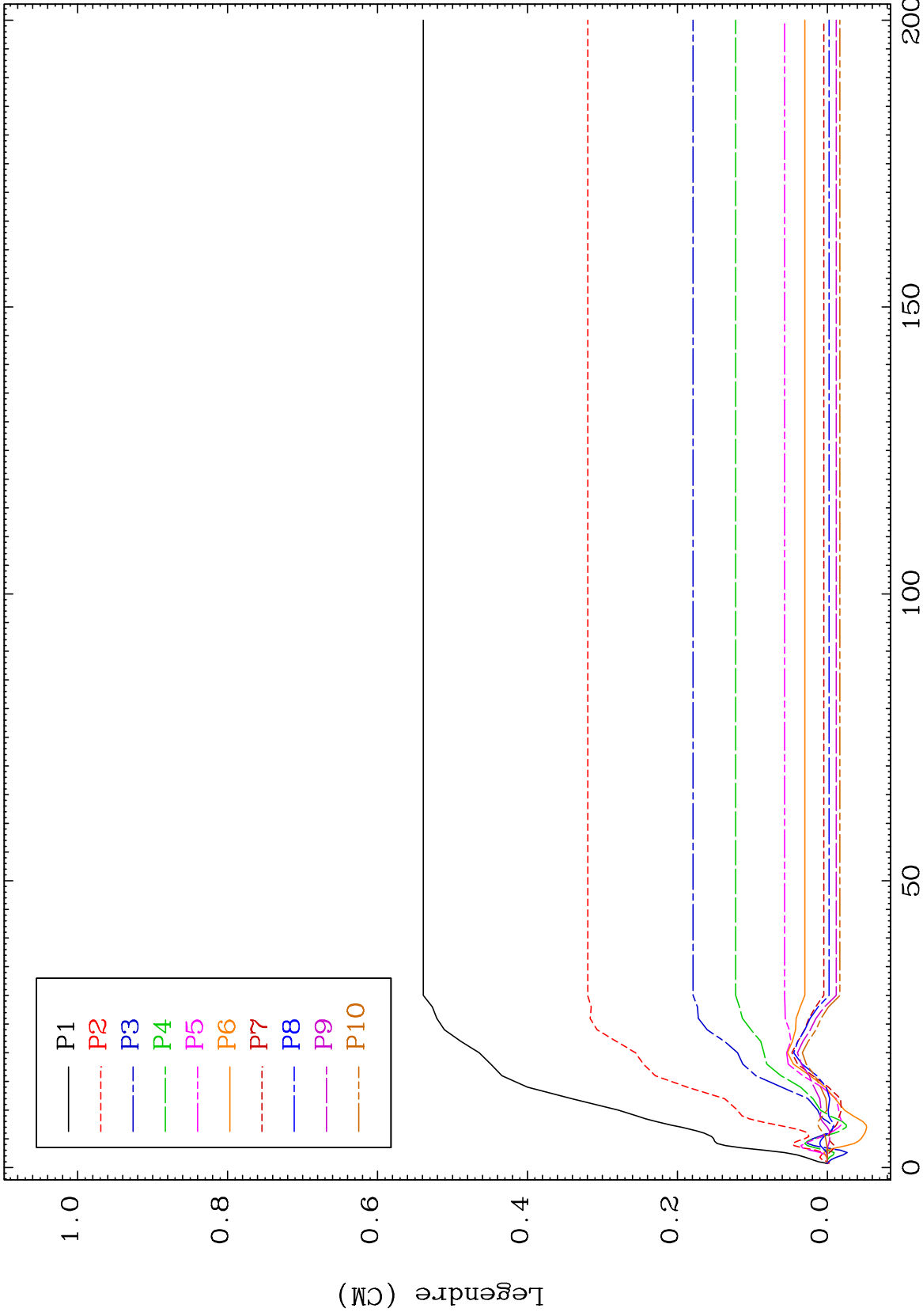
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



68

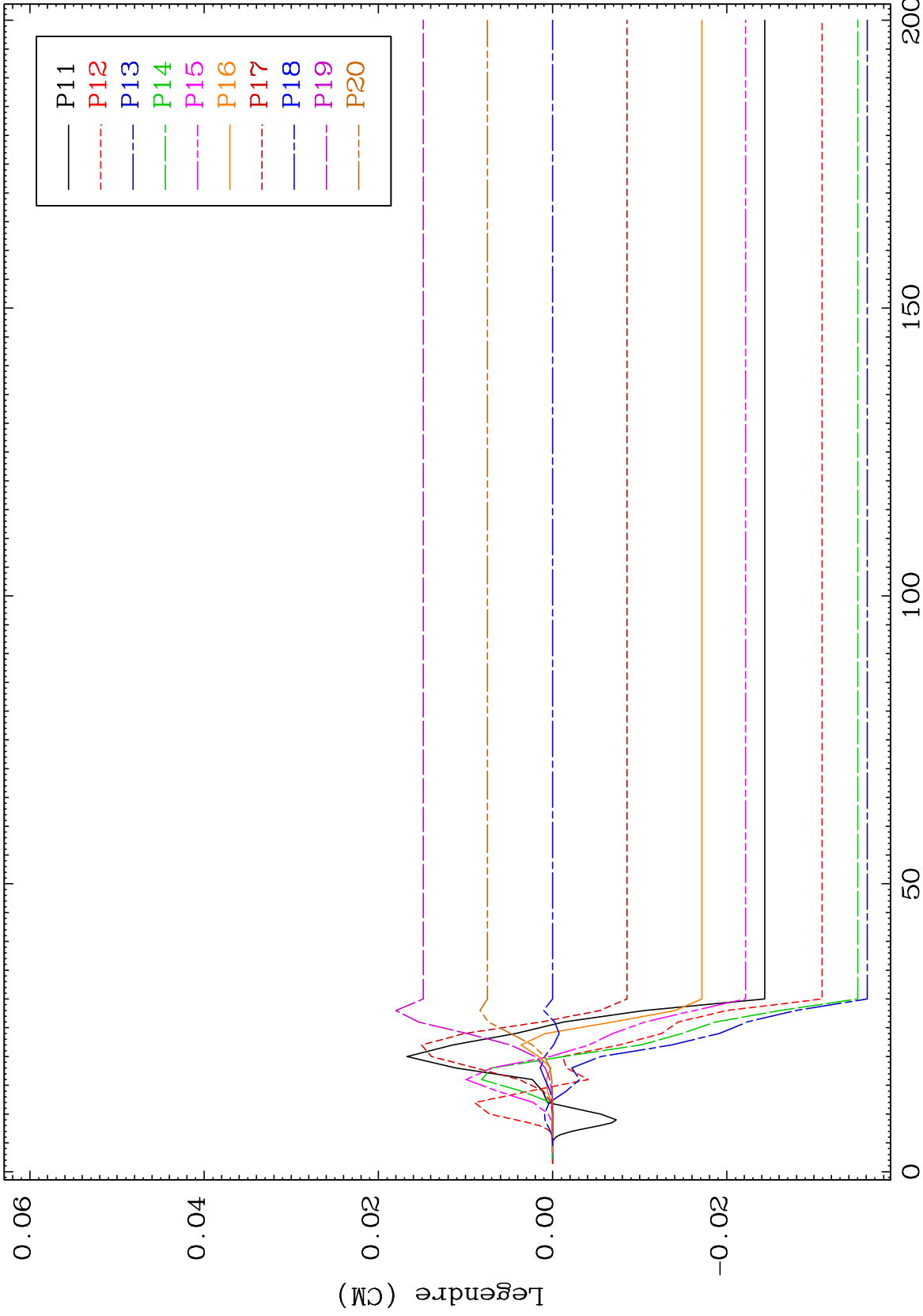
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



69

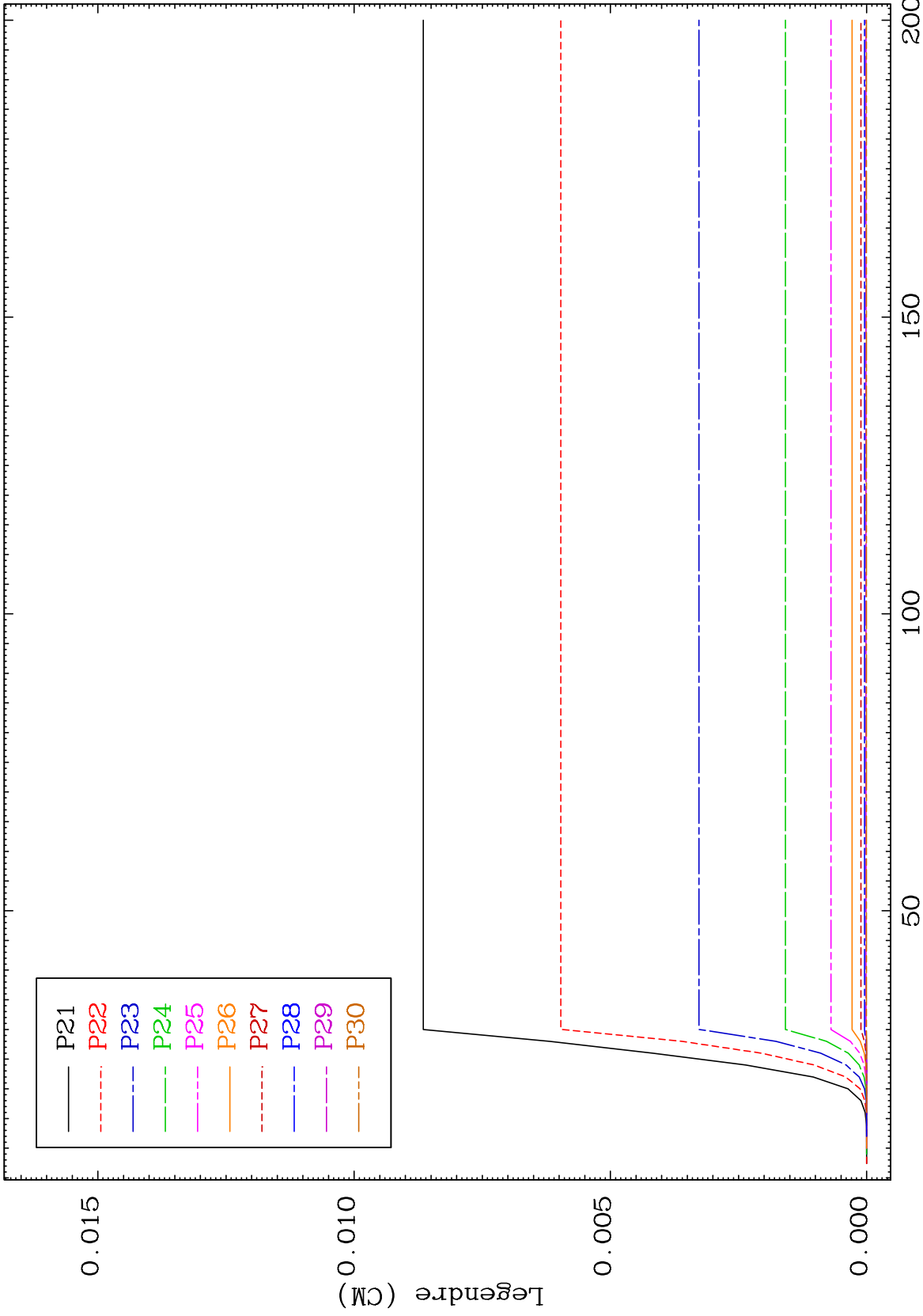
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



70

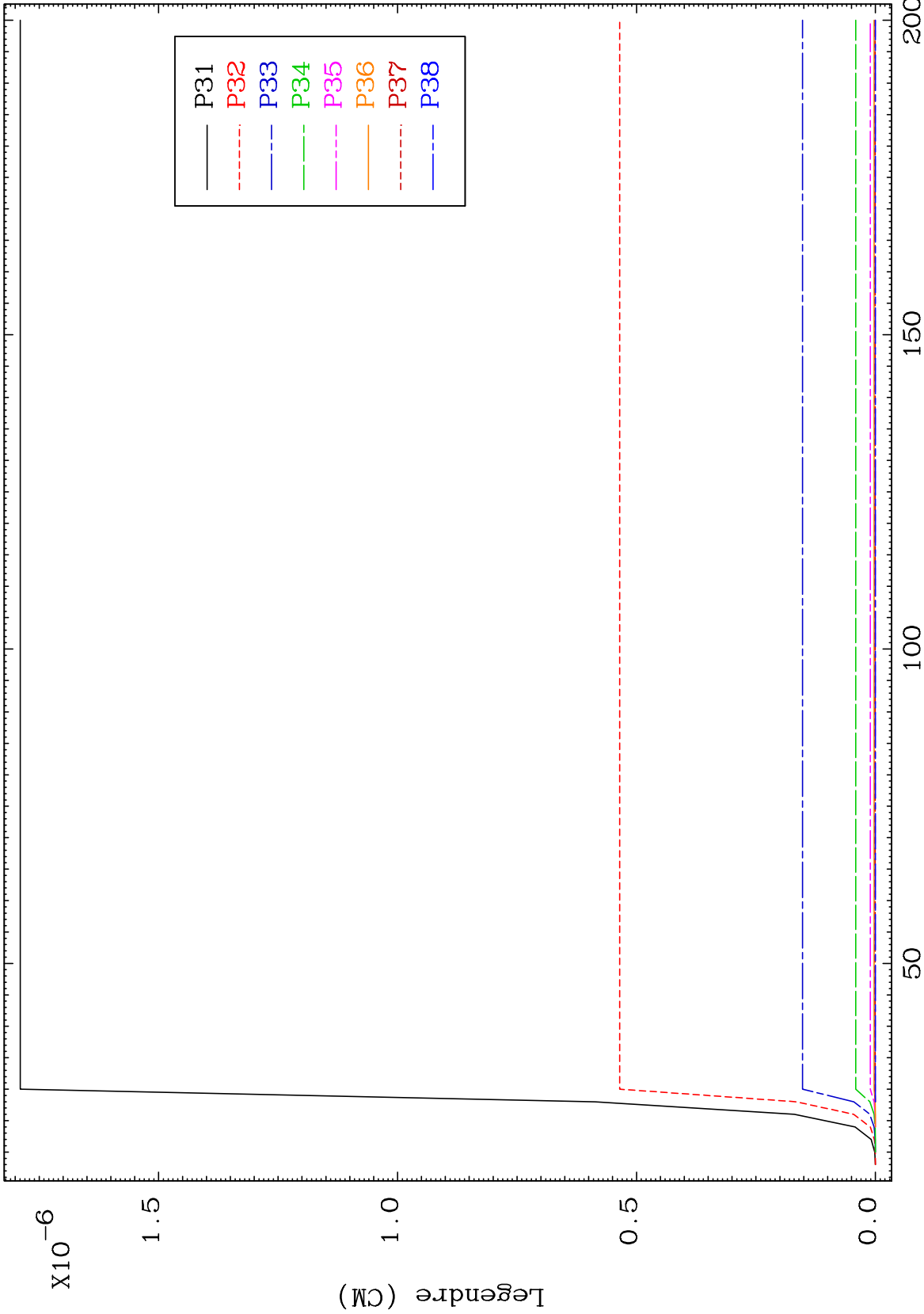
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



71

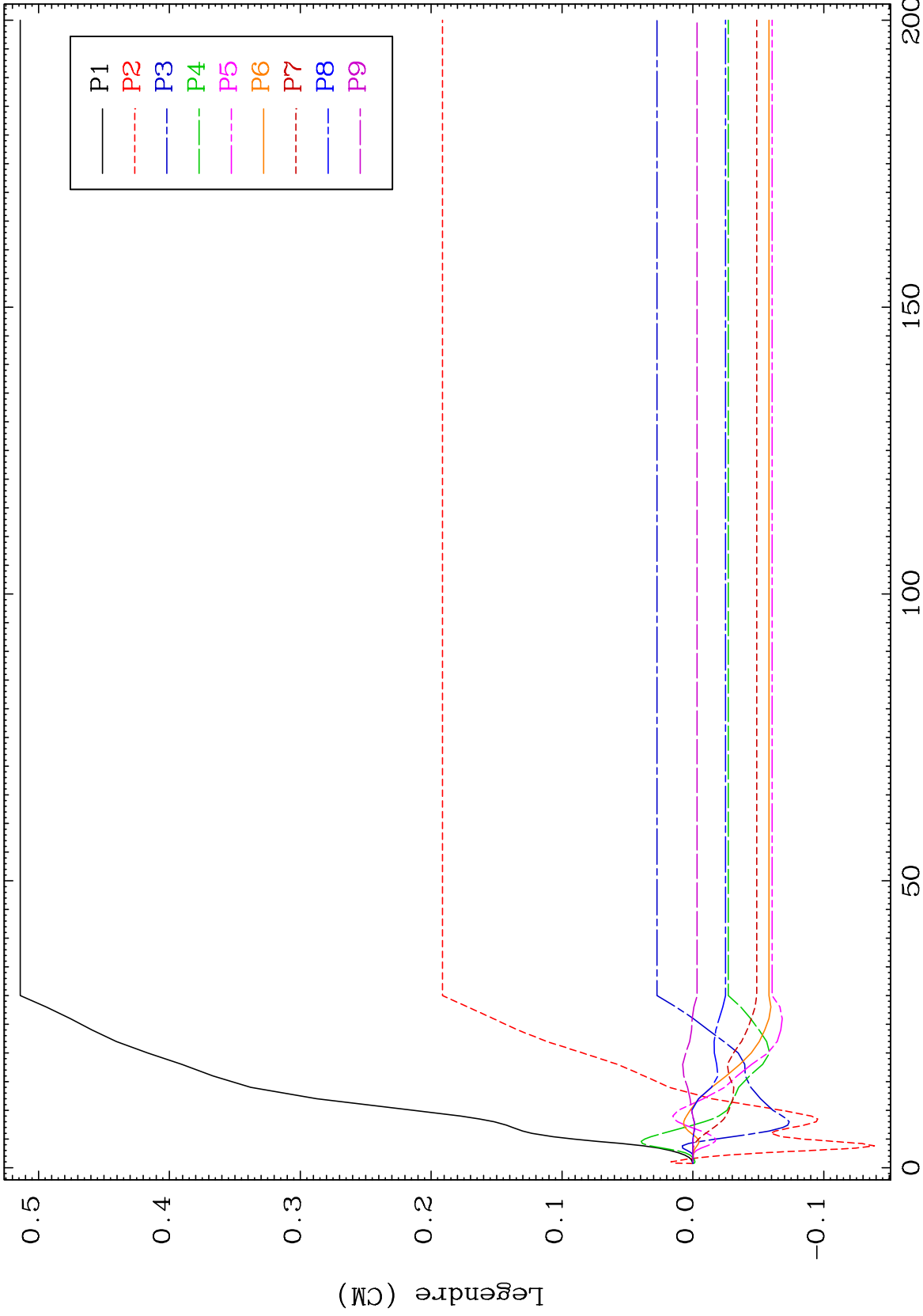
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



72

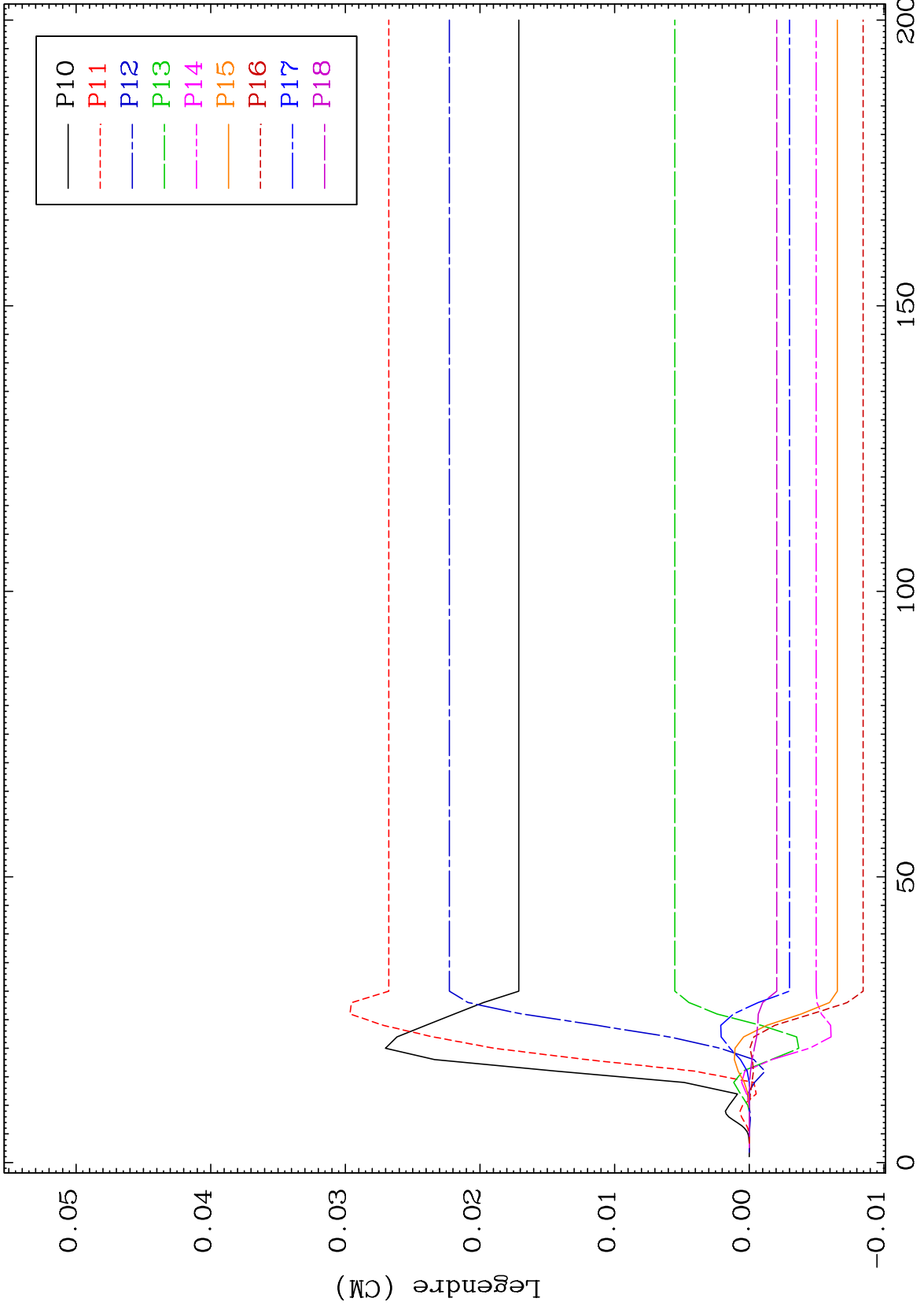
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



73

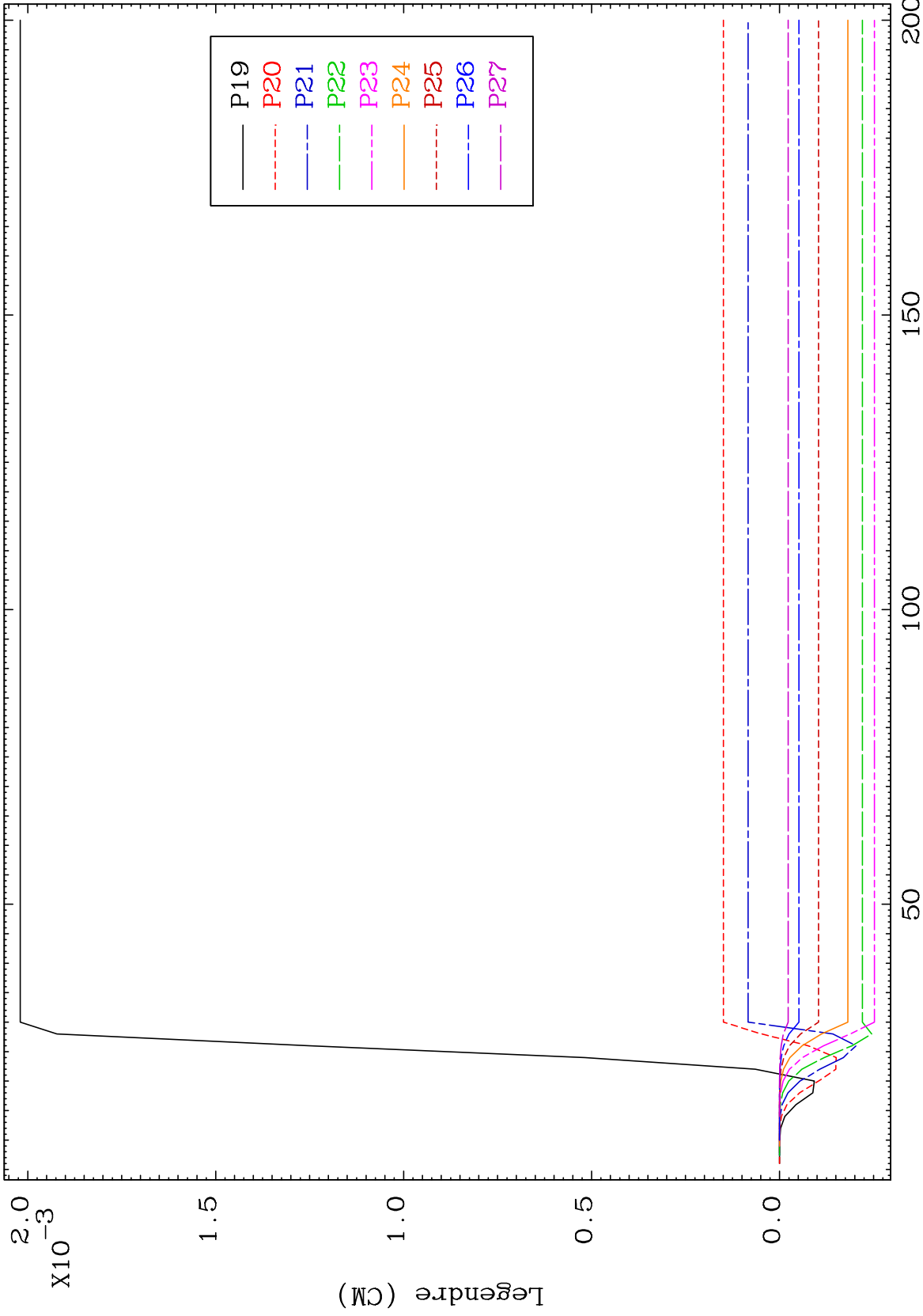
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



74

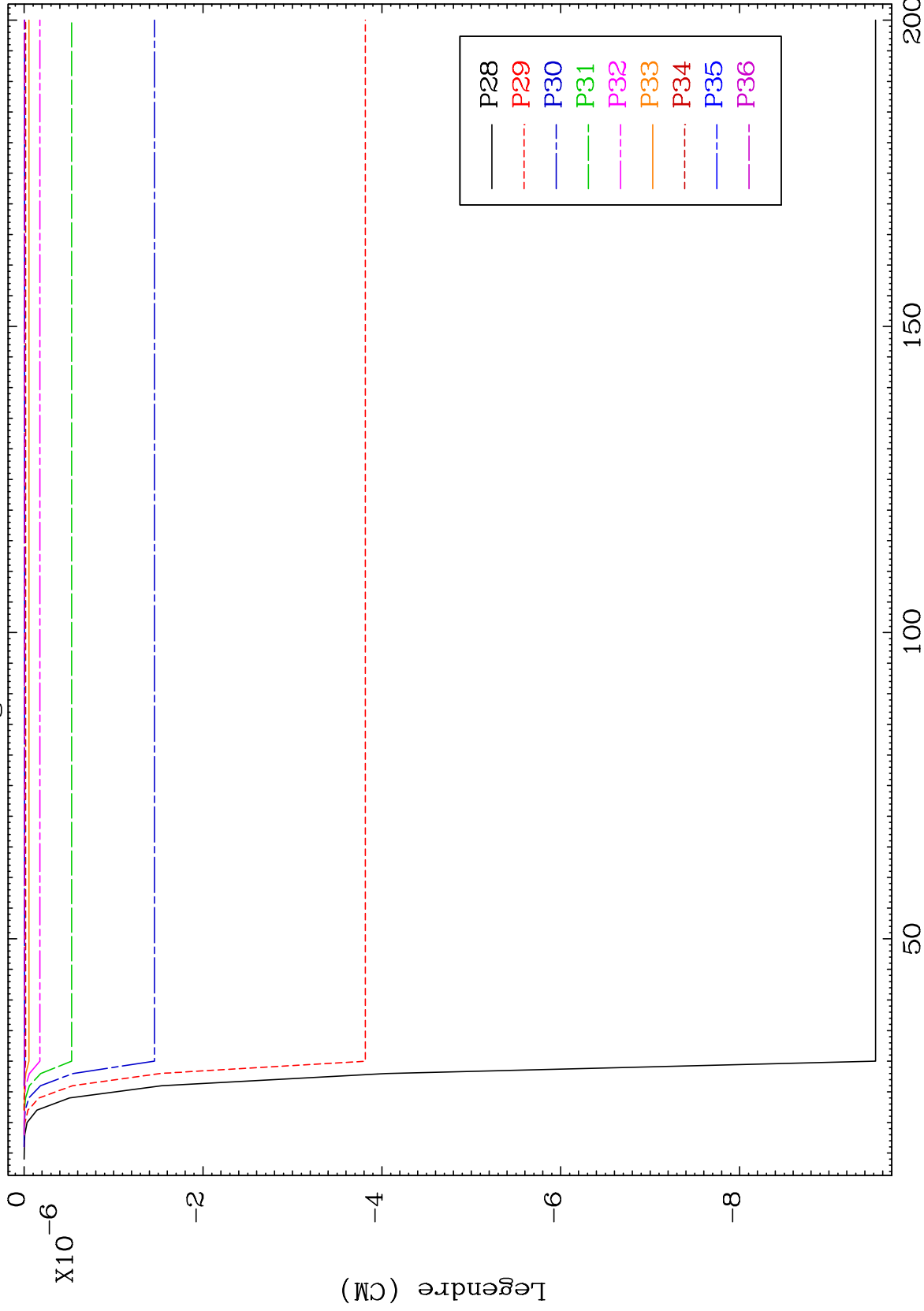
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



77-Ir-188

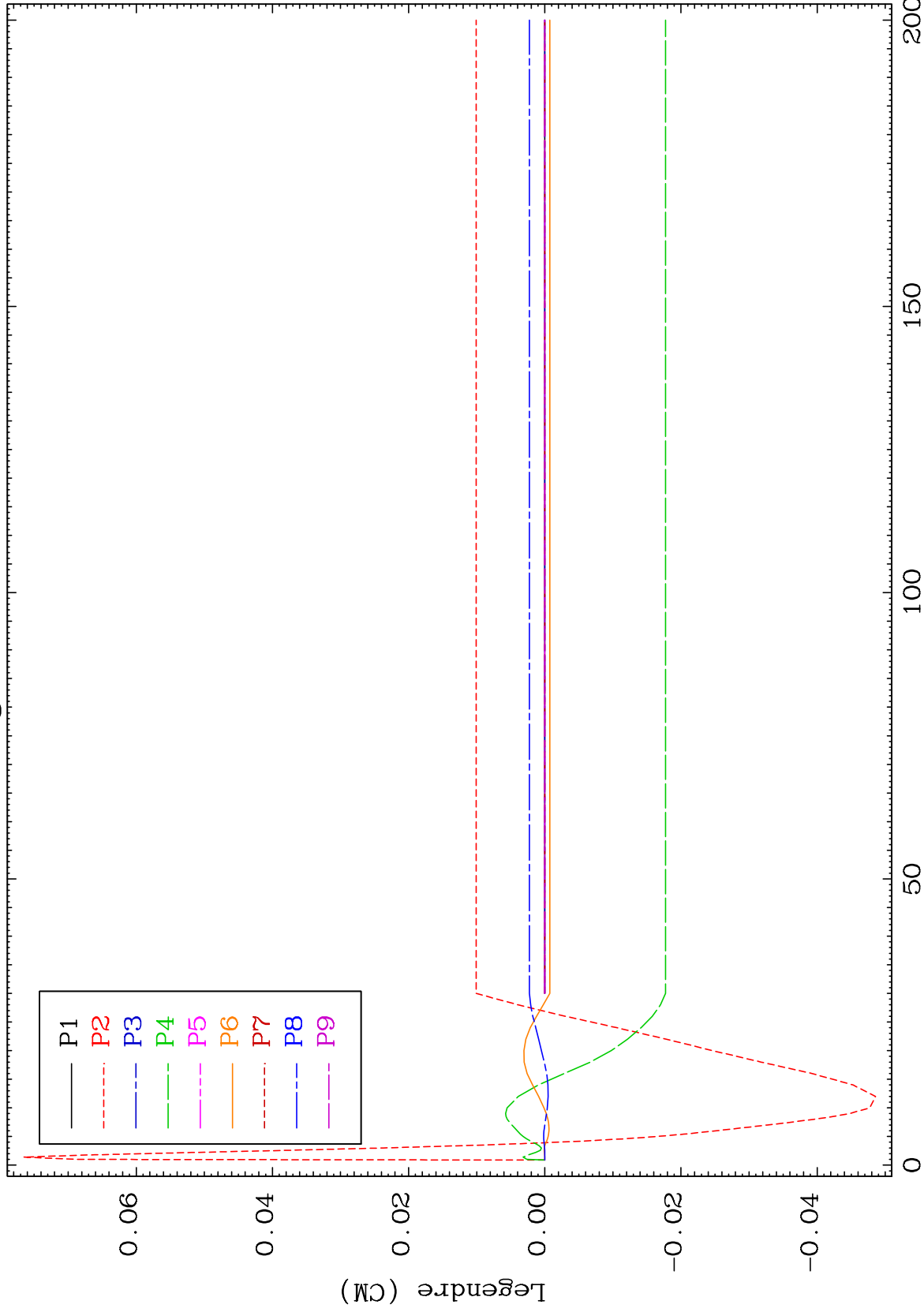
Incident Energy (MeV)

75

MAT 7716

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

77-Ir-188



76

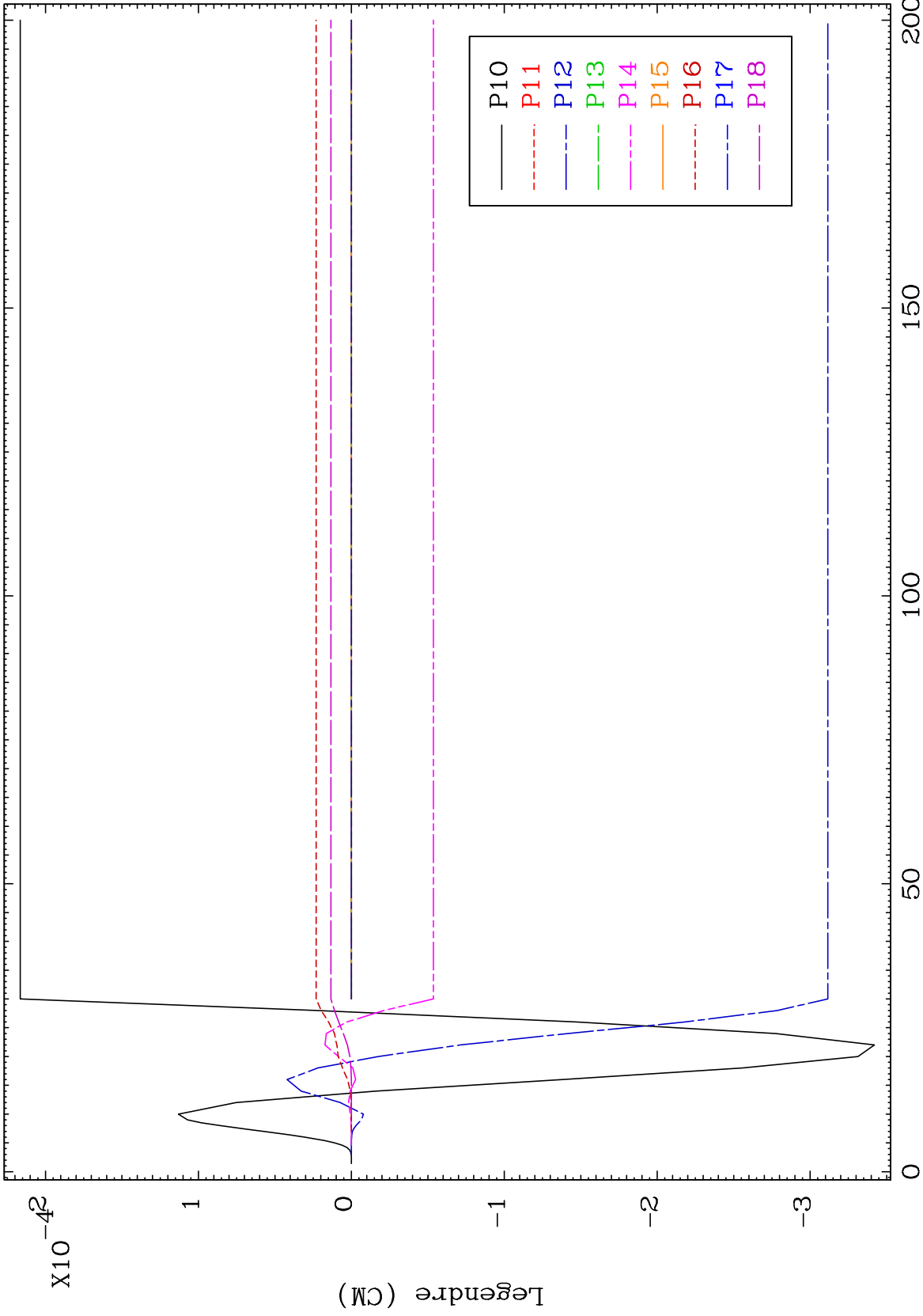
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



77

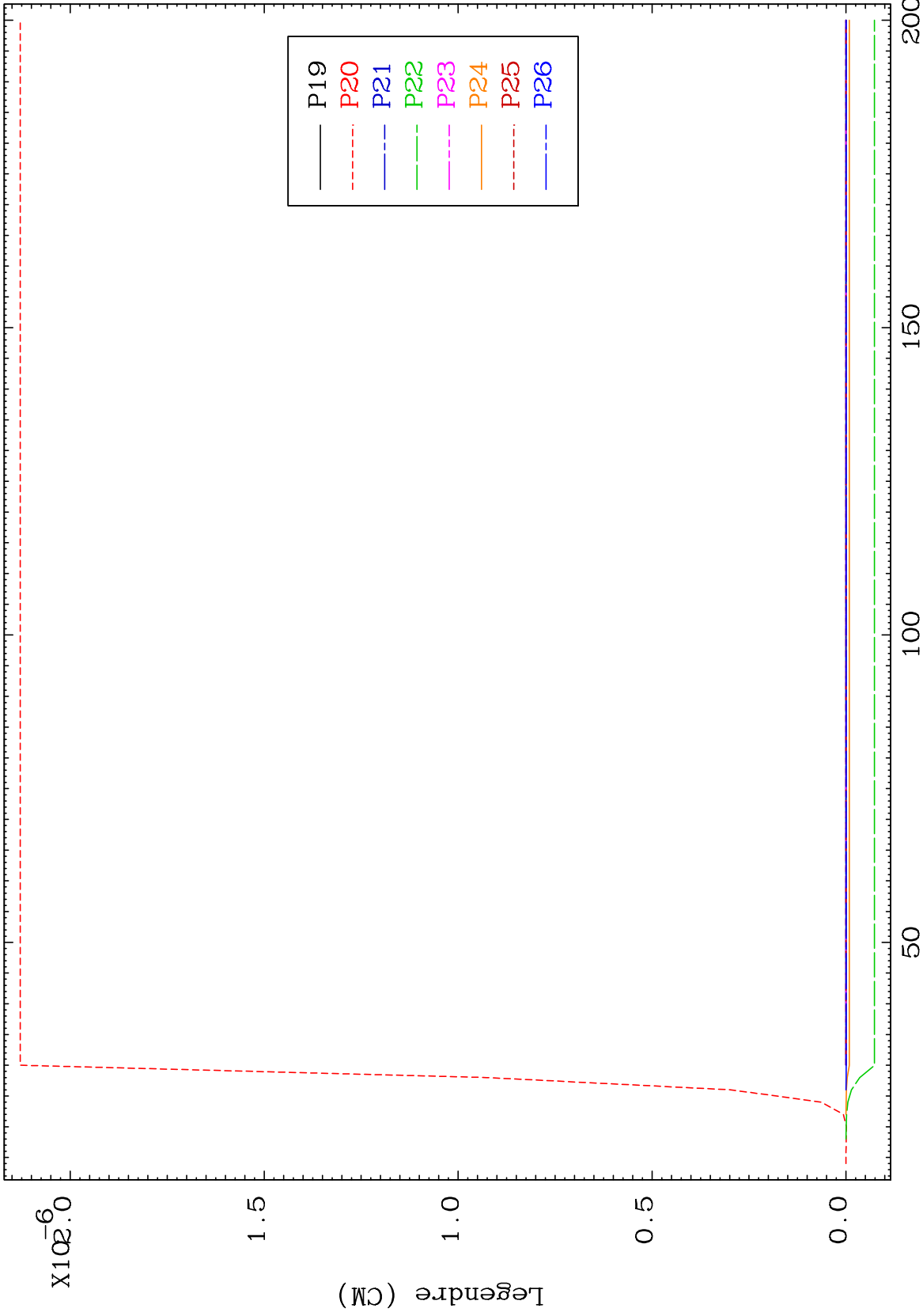
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



78

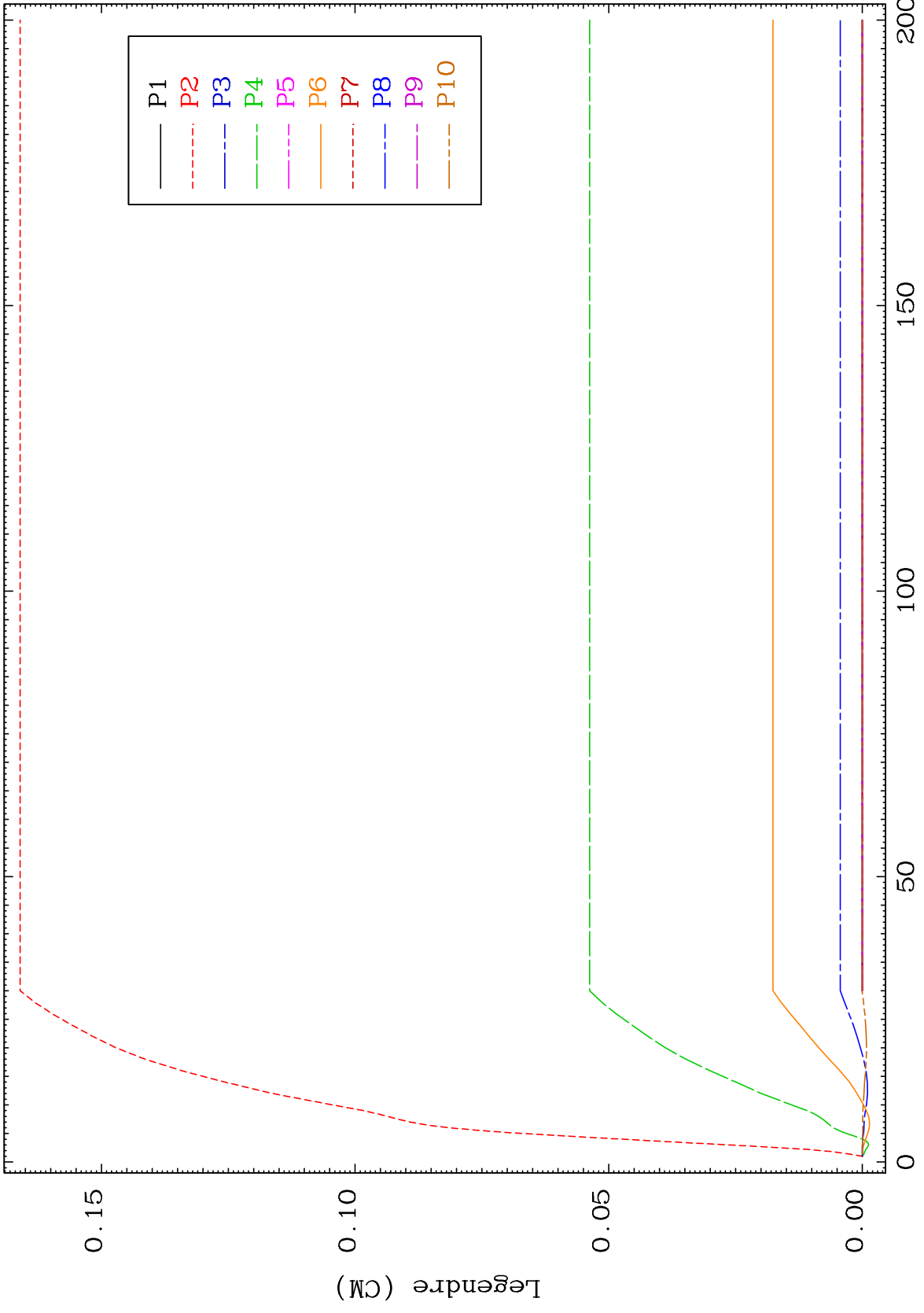
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



79

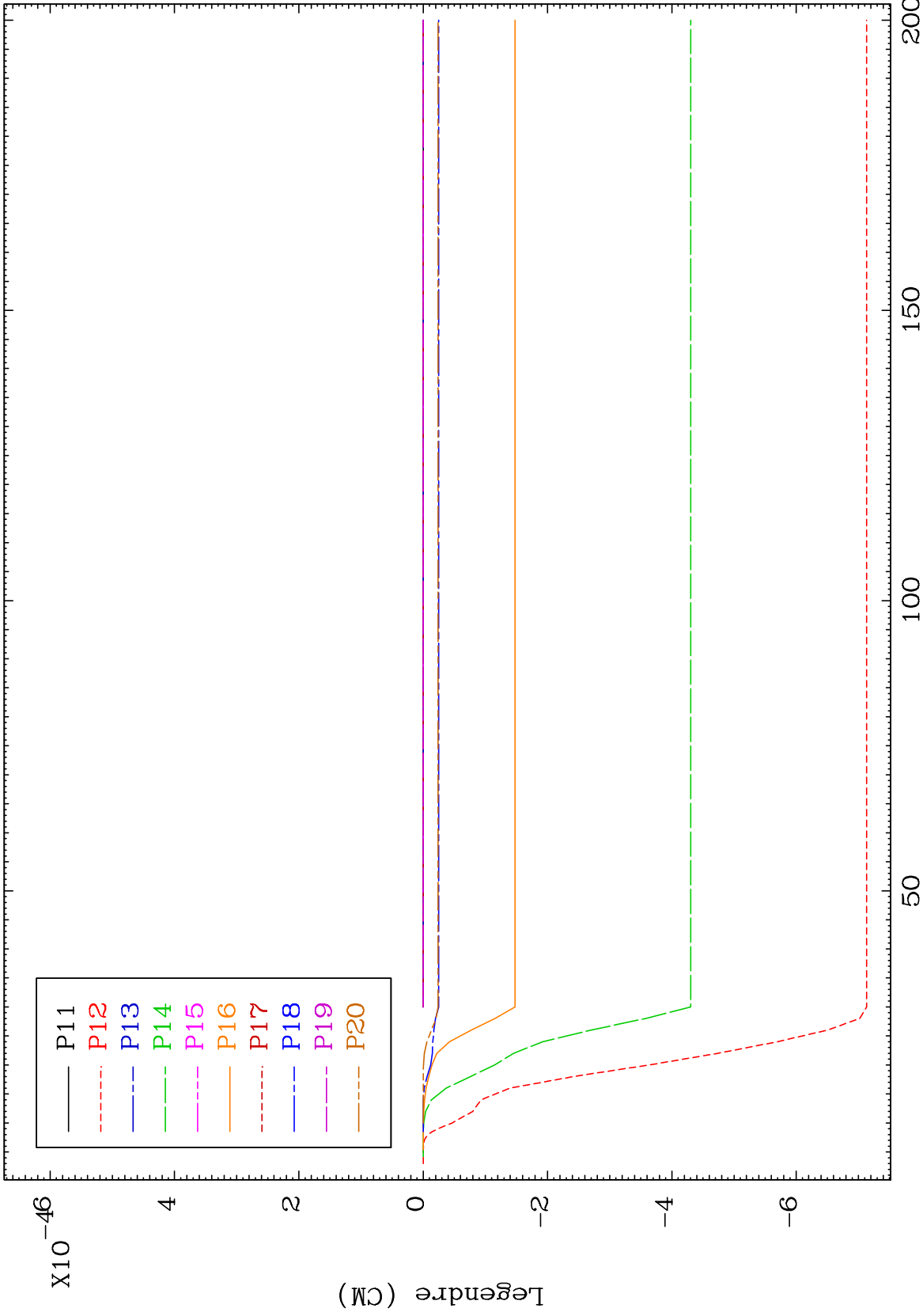
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188

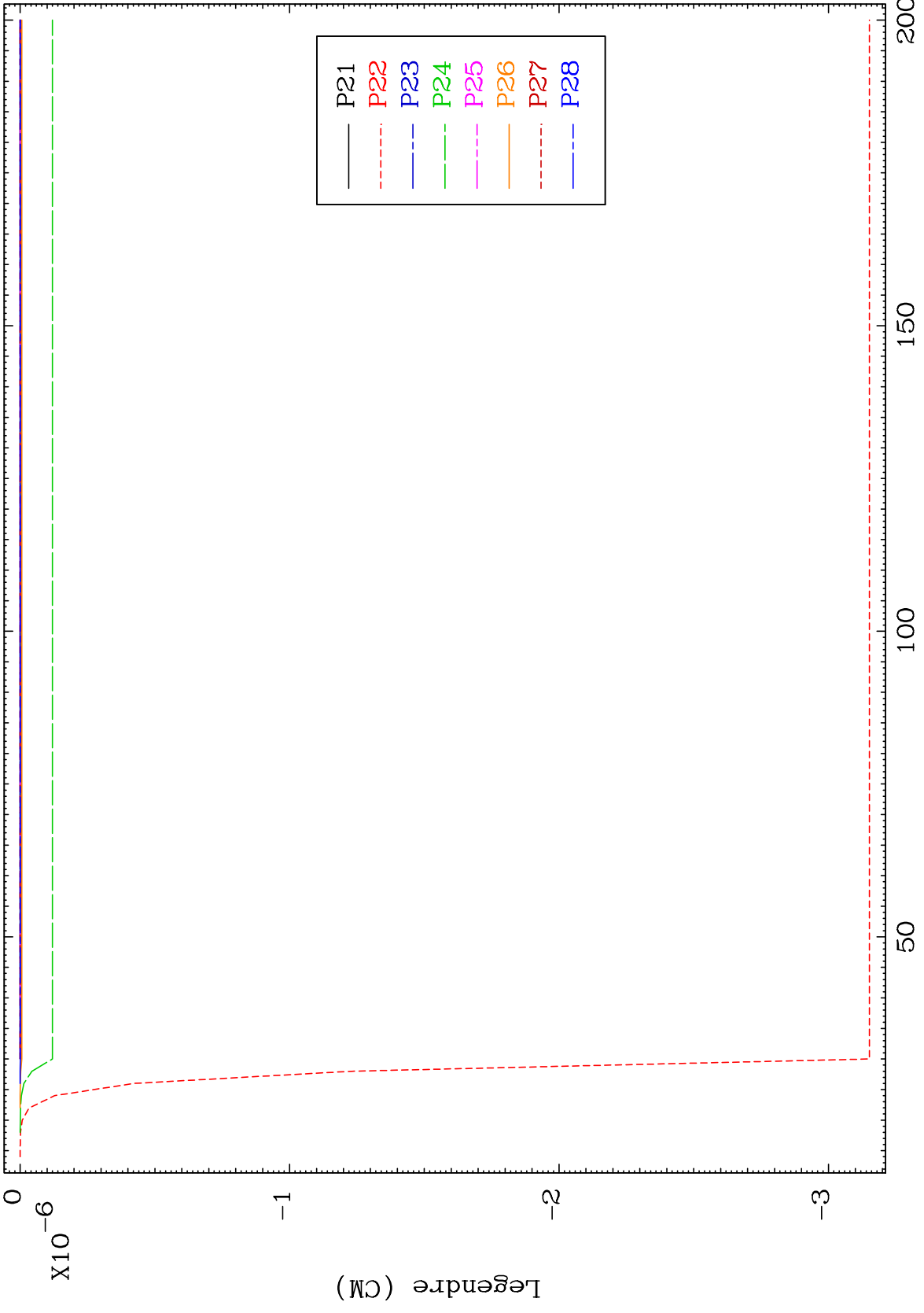


80

Incident Energy (MeV)

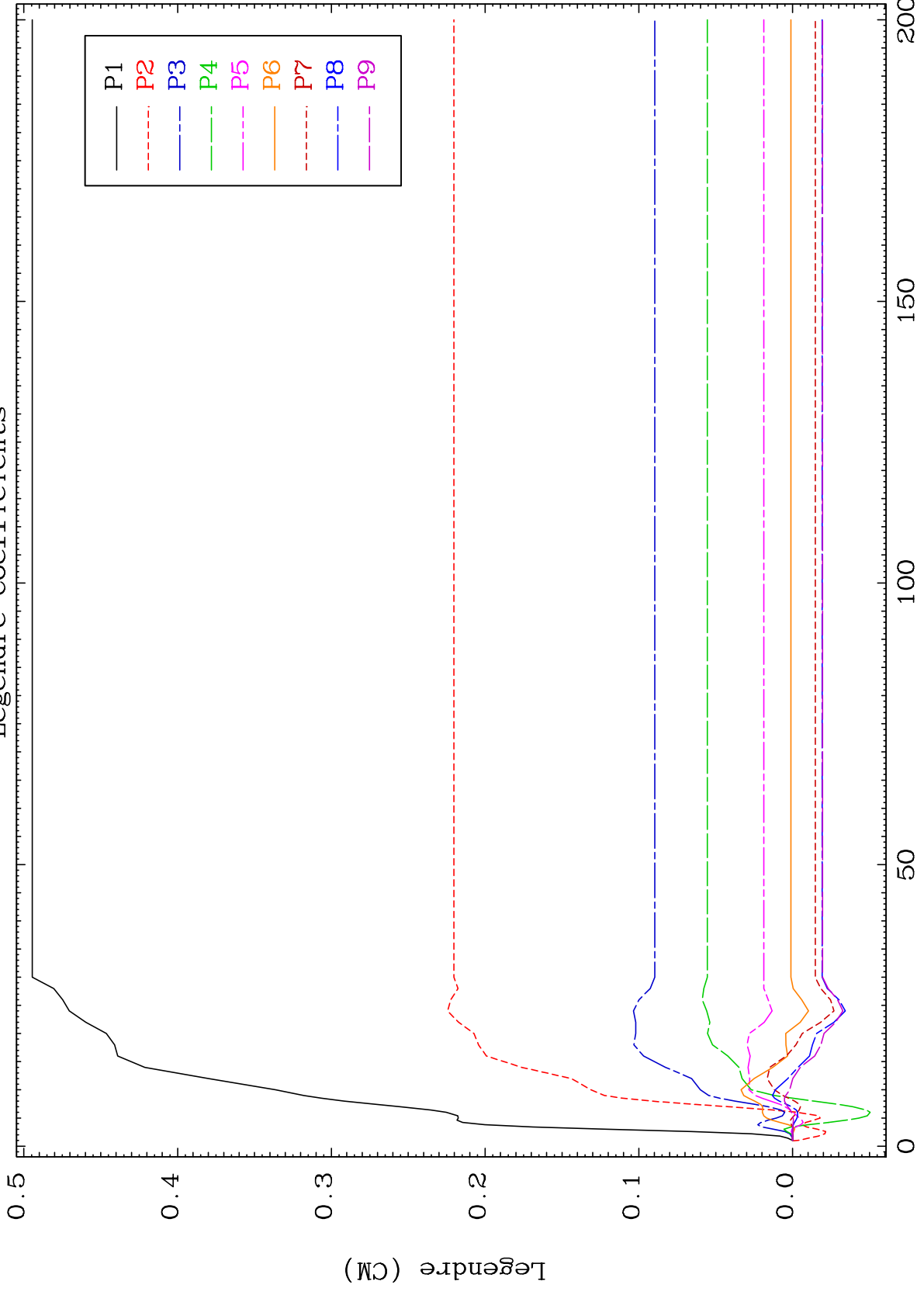
77-Ir-188

MAT 7716 MT= 67 (n,n') Level Legendre Coefficients 77-Ir-188



81 77-Ir-188

MAT 7716 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-188

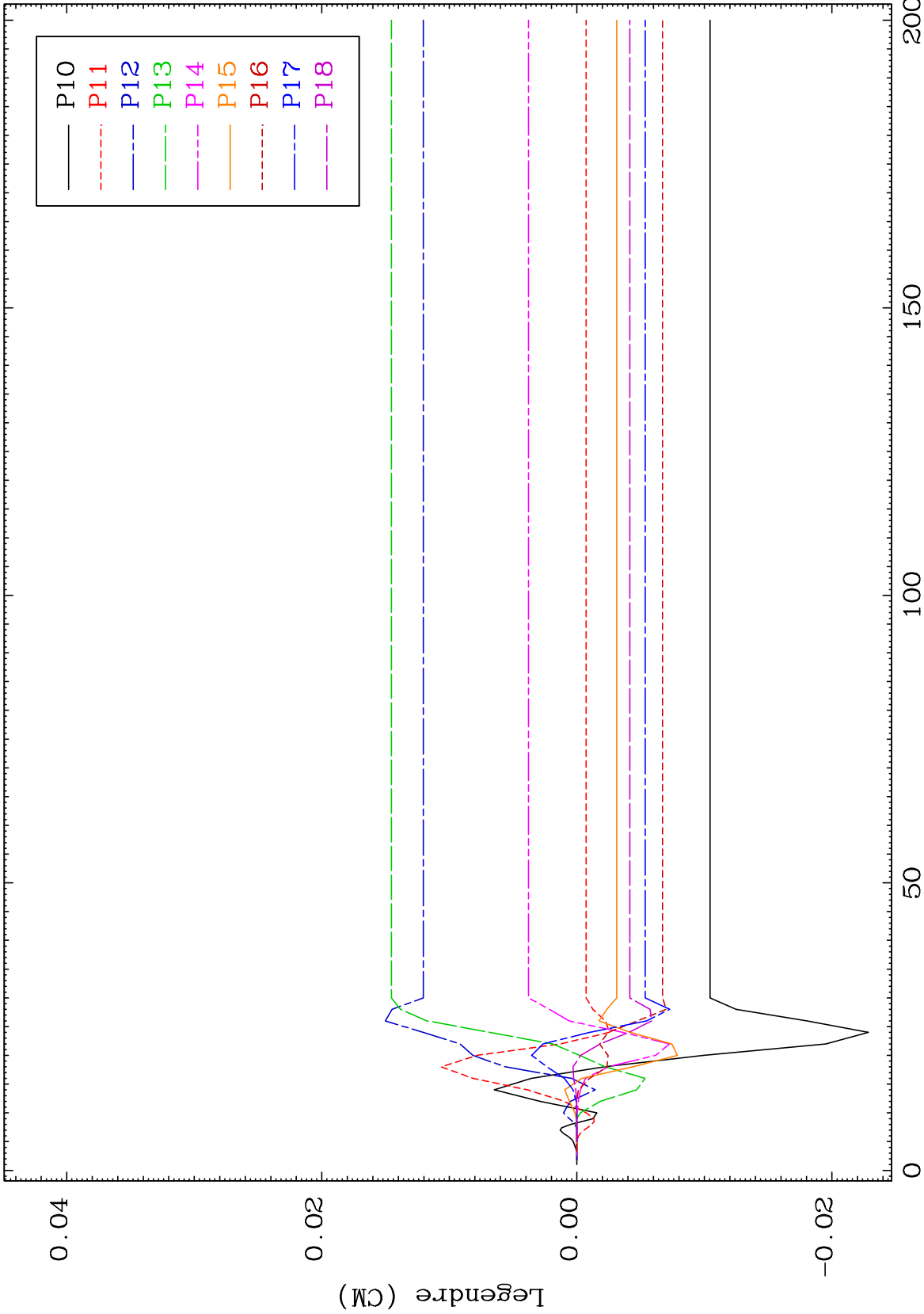


82 77-Ir-188

MAT 7716

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

77-Ir-188



83

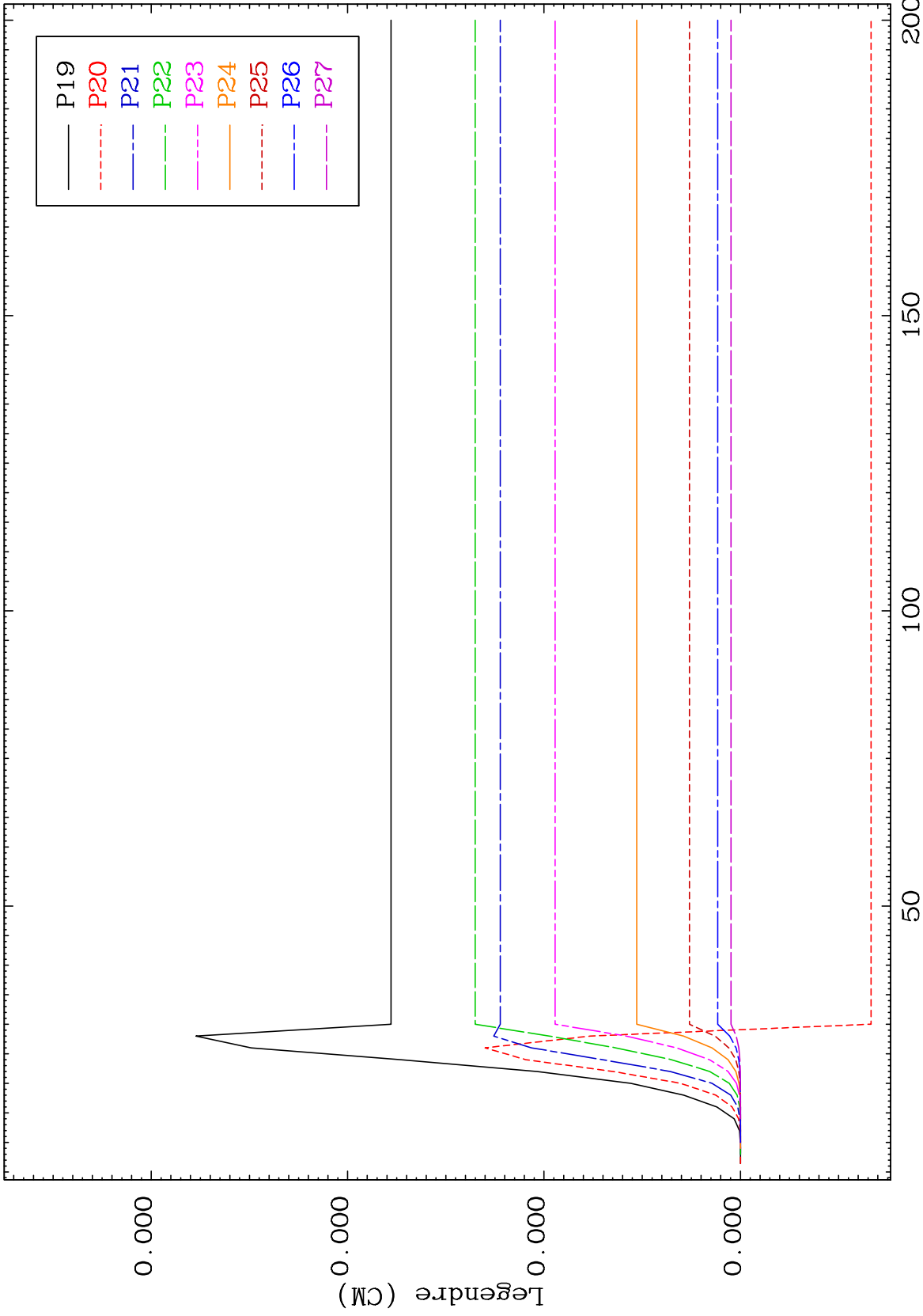
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



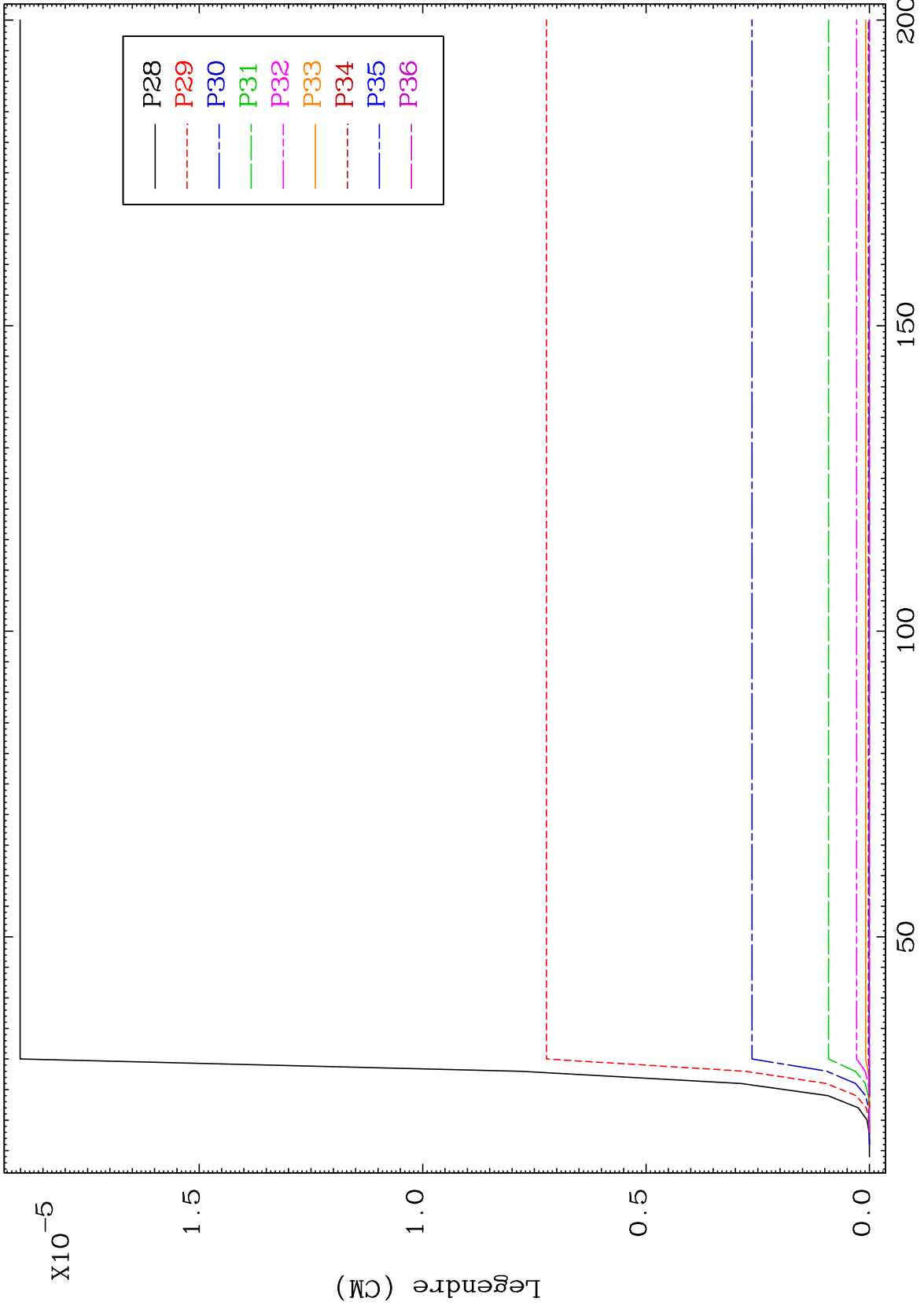
84

77-Ir-188

MAT 7716

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

77-Ir-188



85

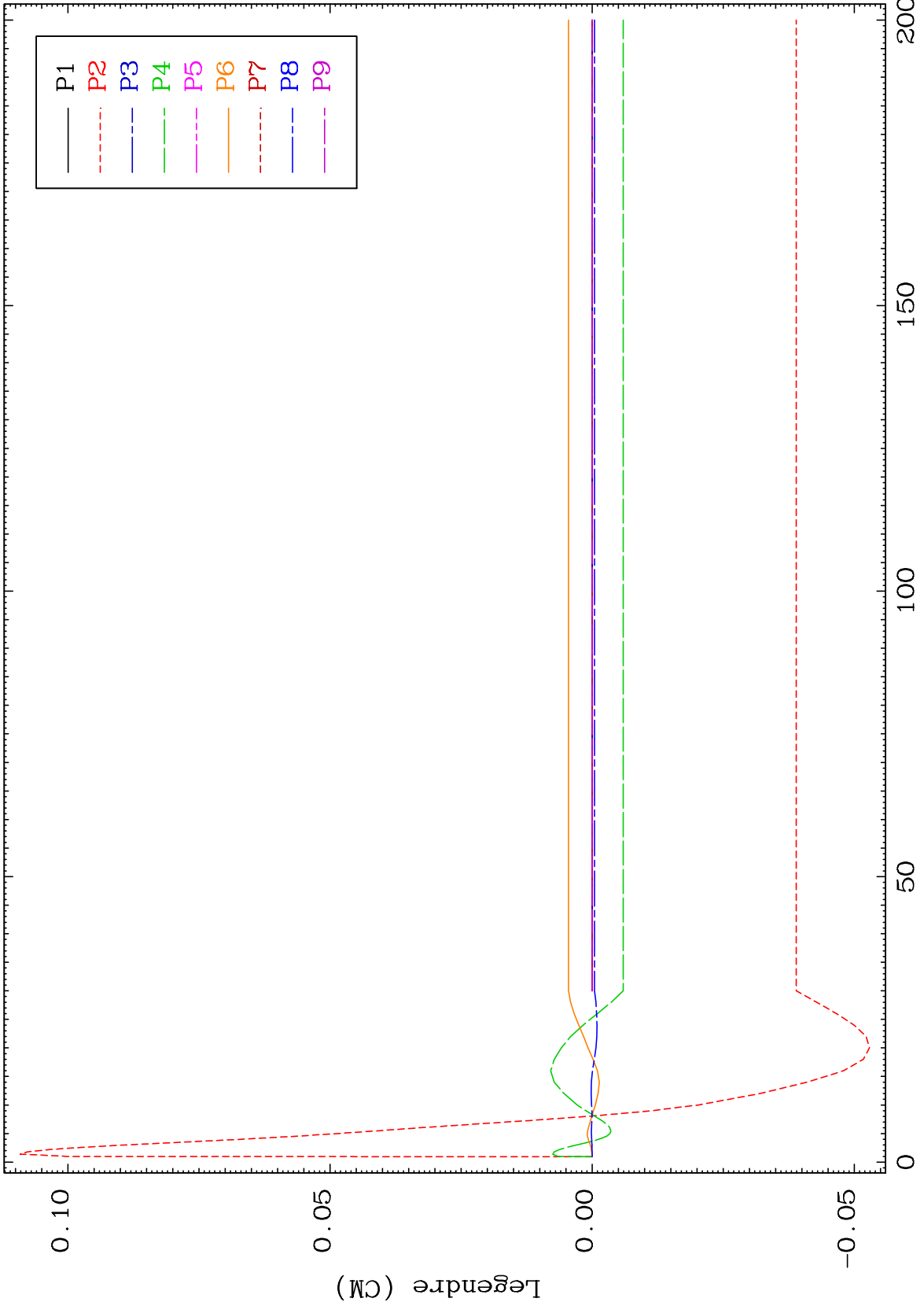
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



86

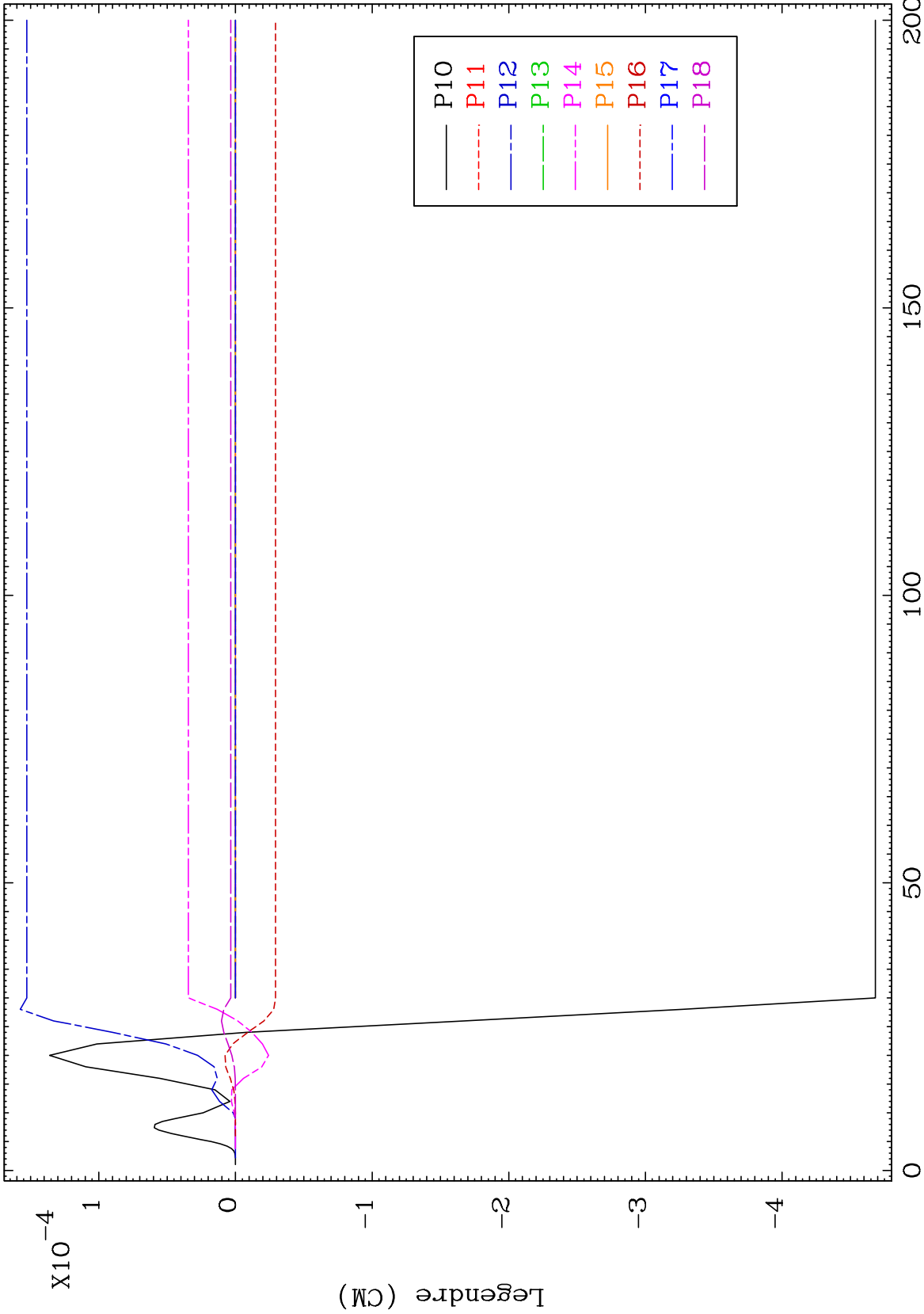
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188

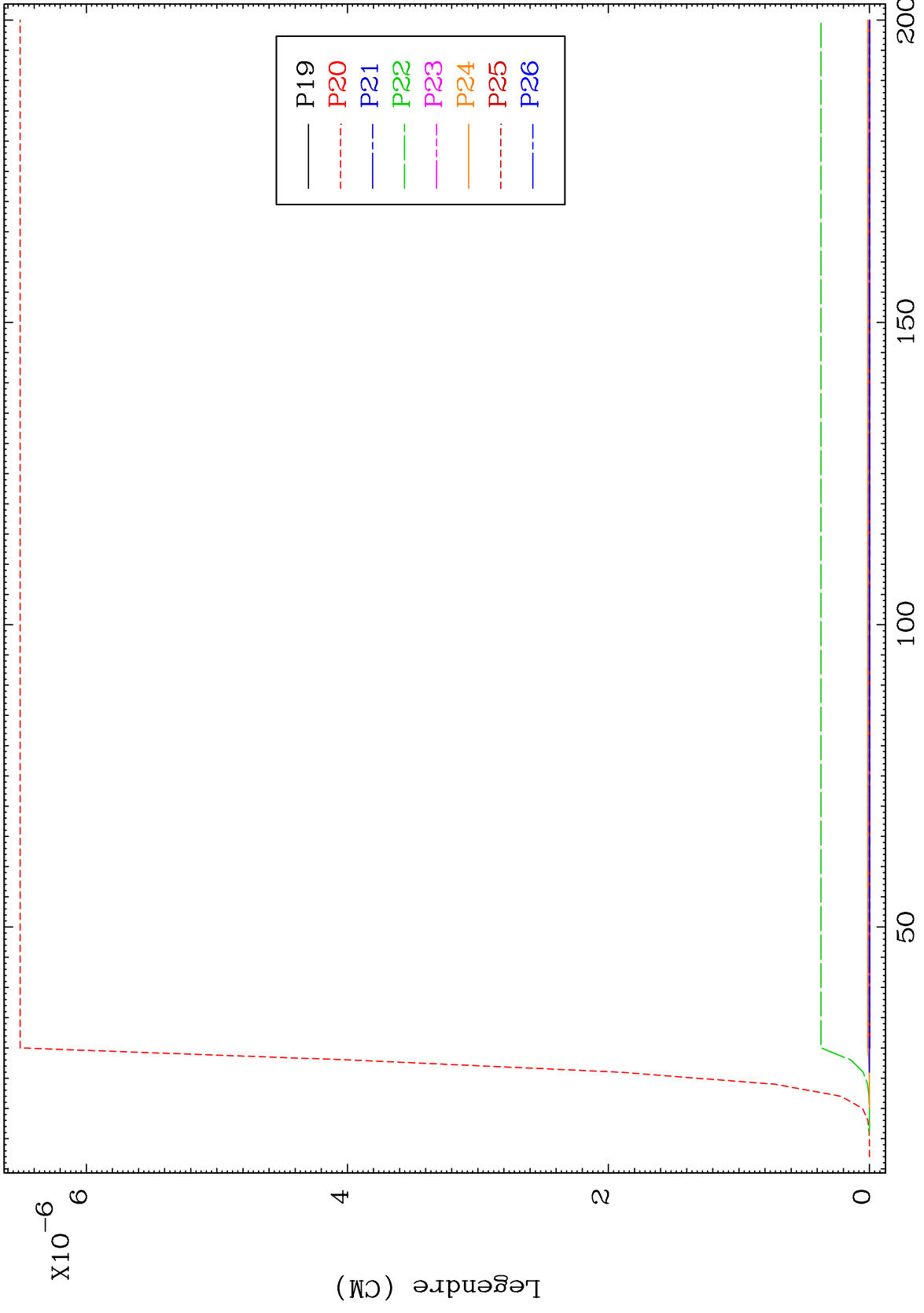


87

Incident Energy (MeV)

77-Ir-188

MAT 7716 MT= 69 (n,n') Level Legendre Coefficients 77-Ir-188

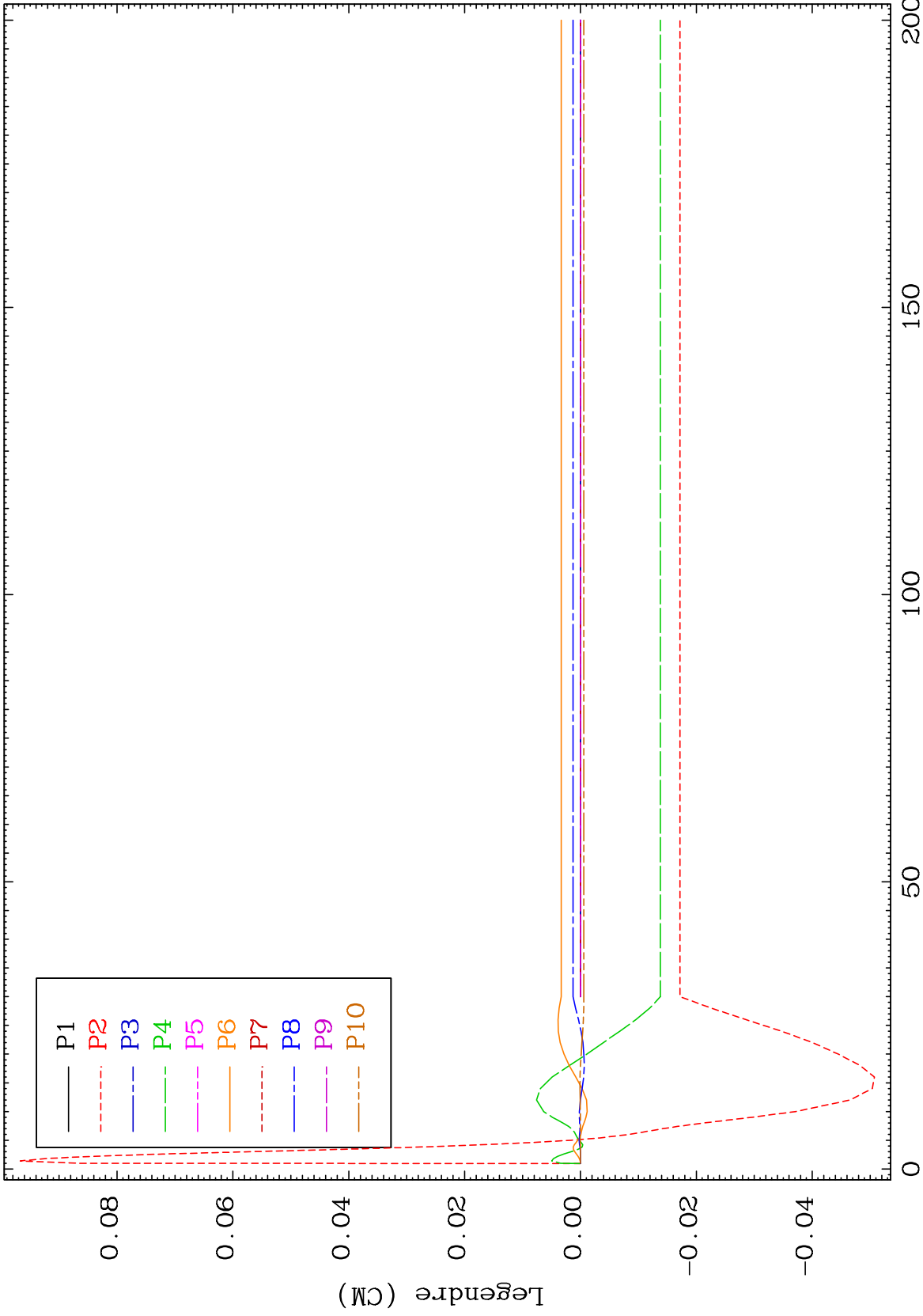


88 77-Ir-188

MAT 7716

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

77-Ir-188



89

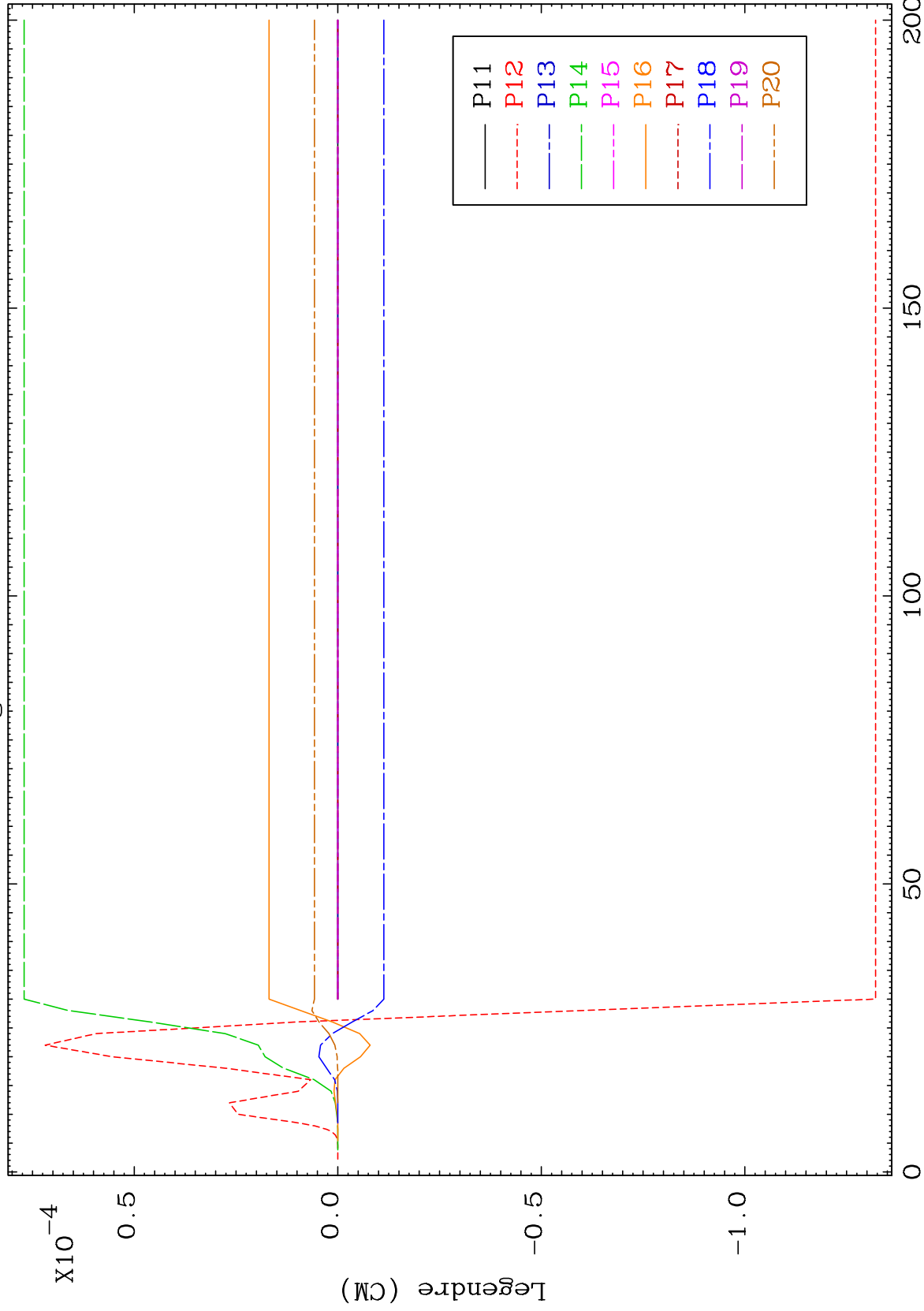
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188

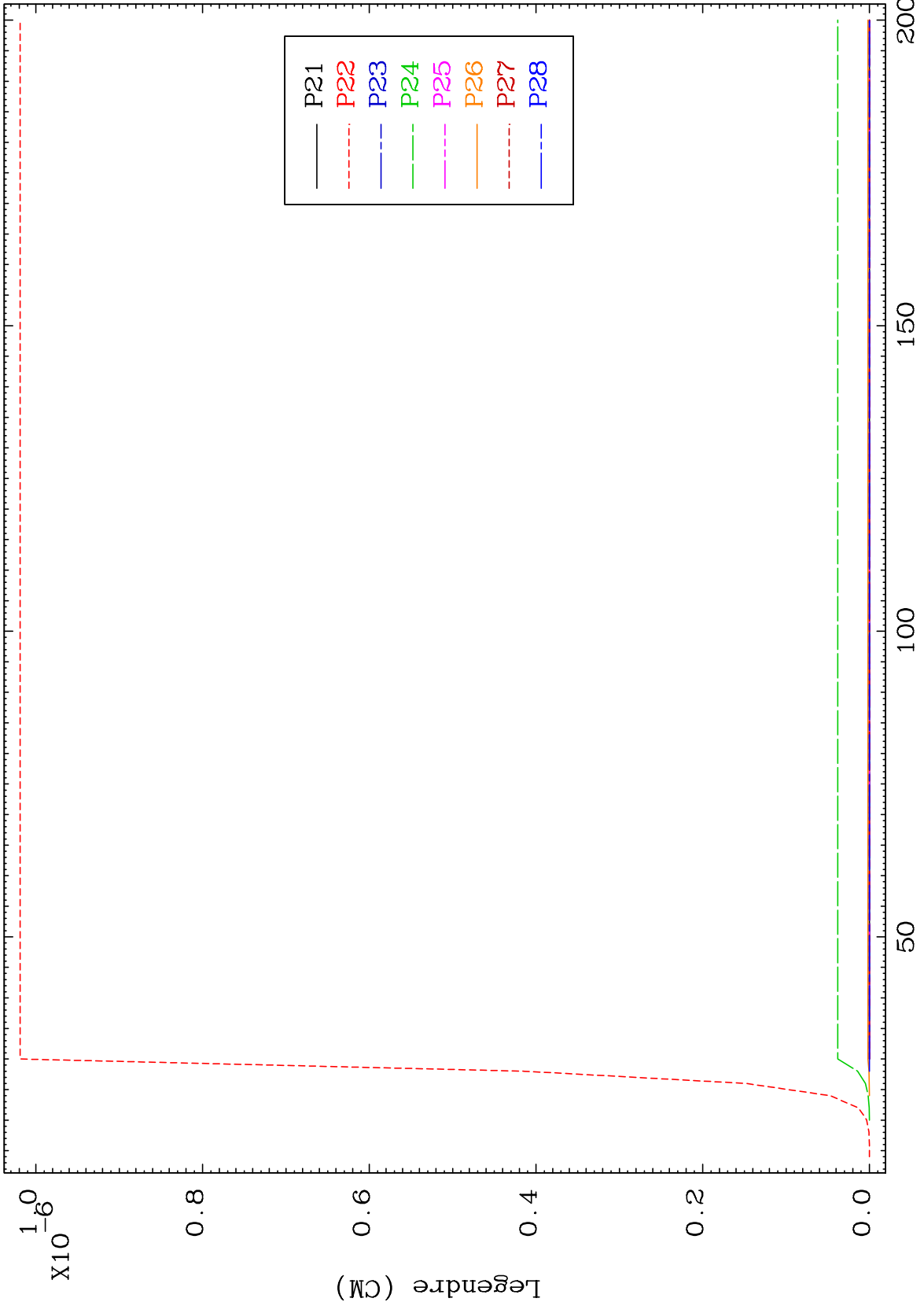


90

Incident Energy (MeV)

77-Ir-188

MAT 7716 MT= 70 (n,n') Level Legendre Coefficients 77-Ir-188

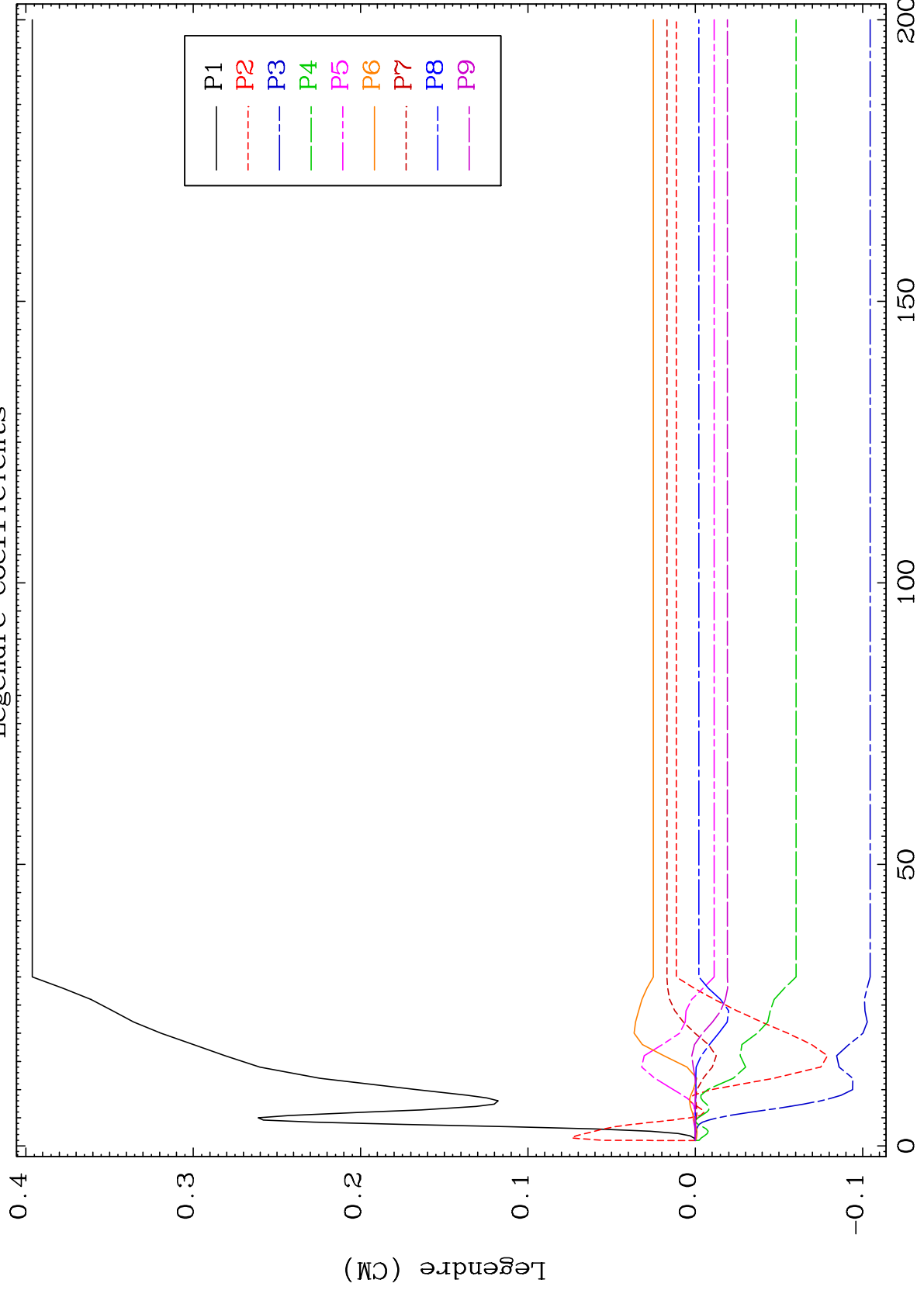


91 77-Ir-188

MAT 7716

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

77-Ir-188



92

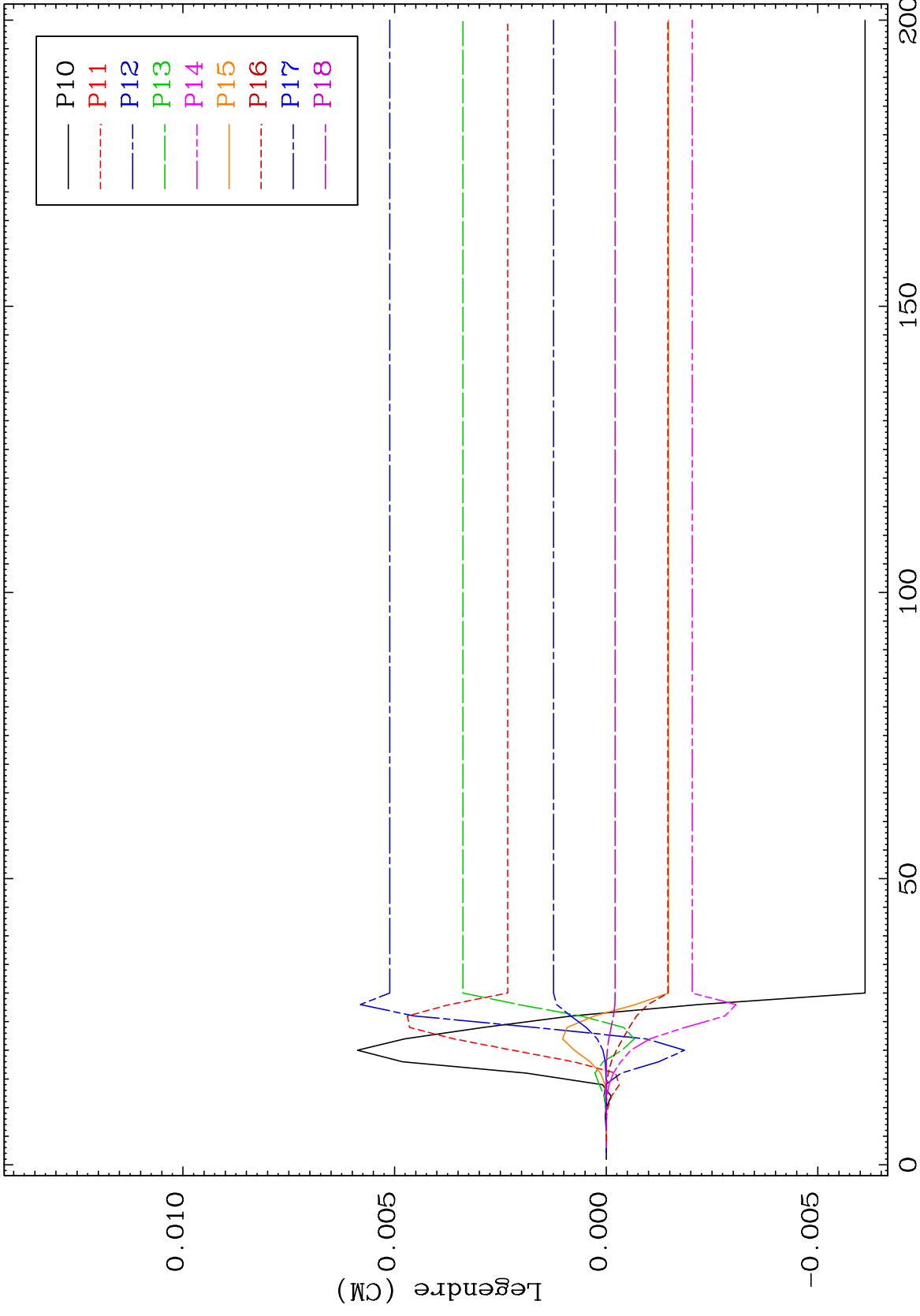
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



93

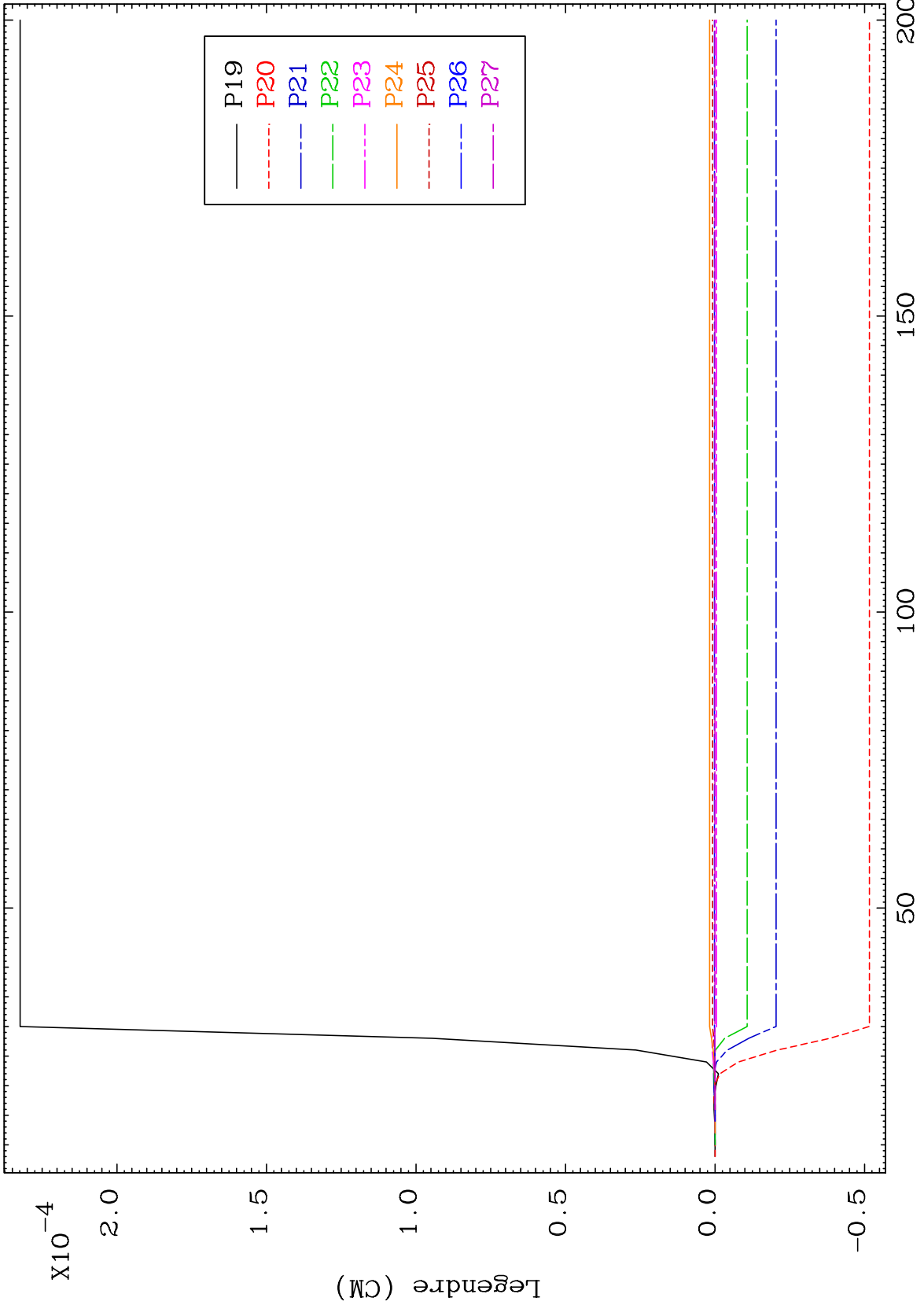
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



94

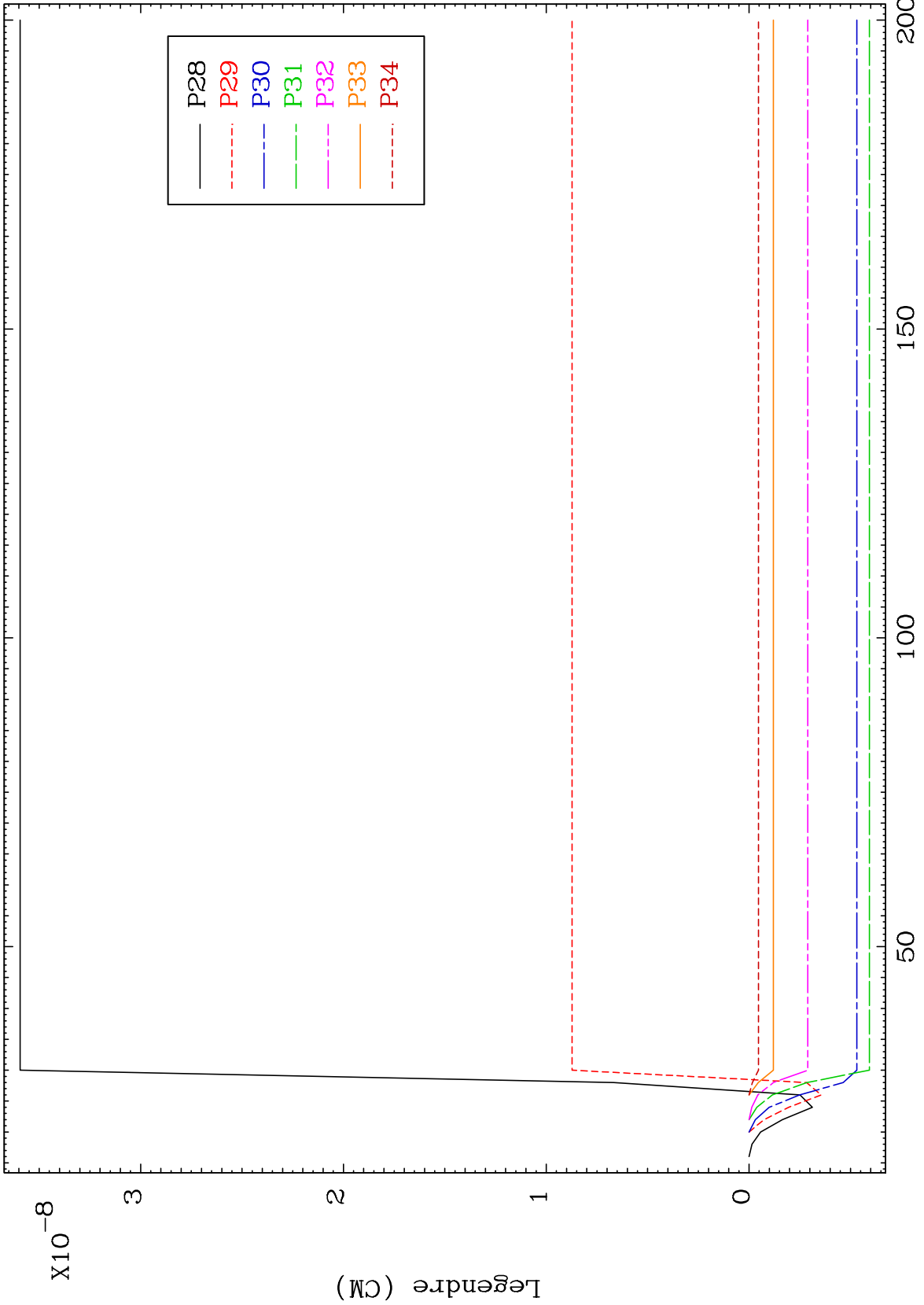
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



95

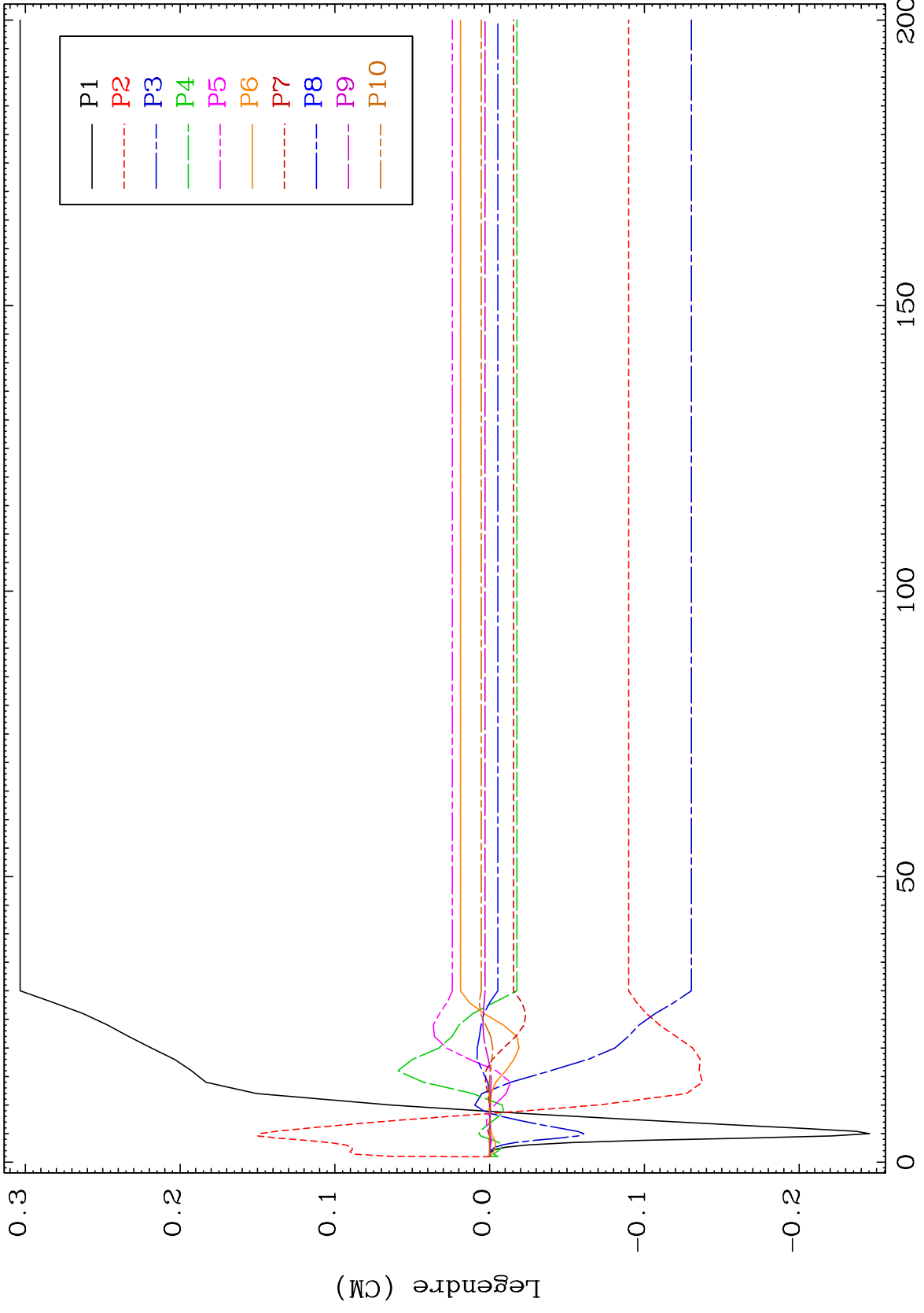
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



96

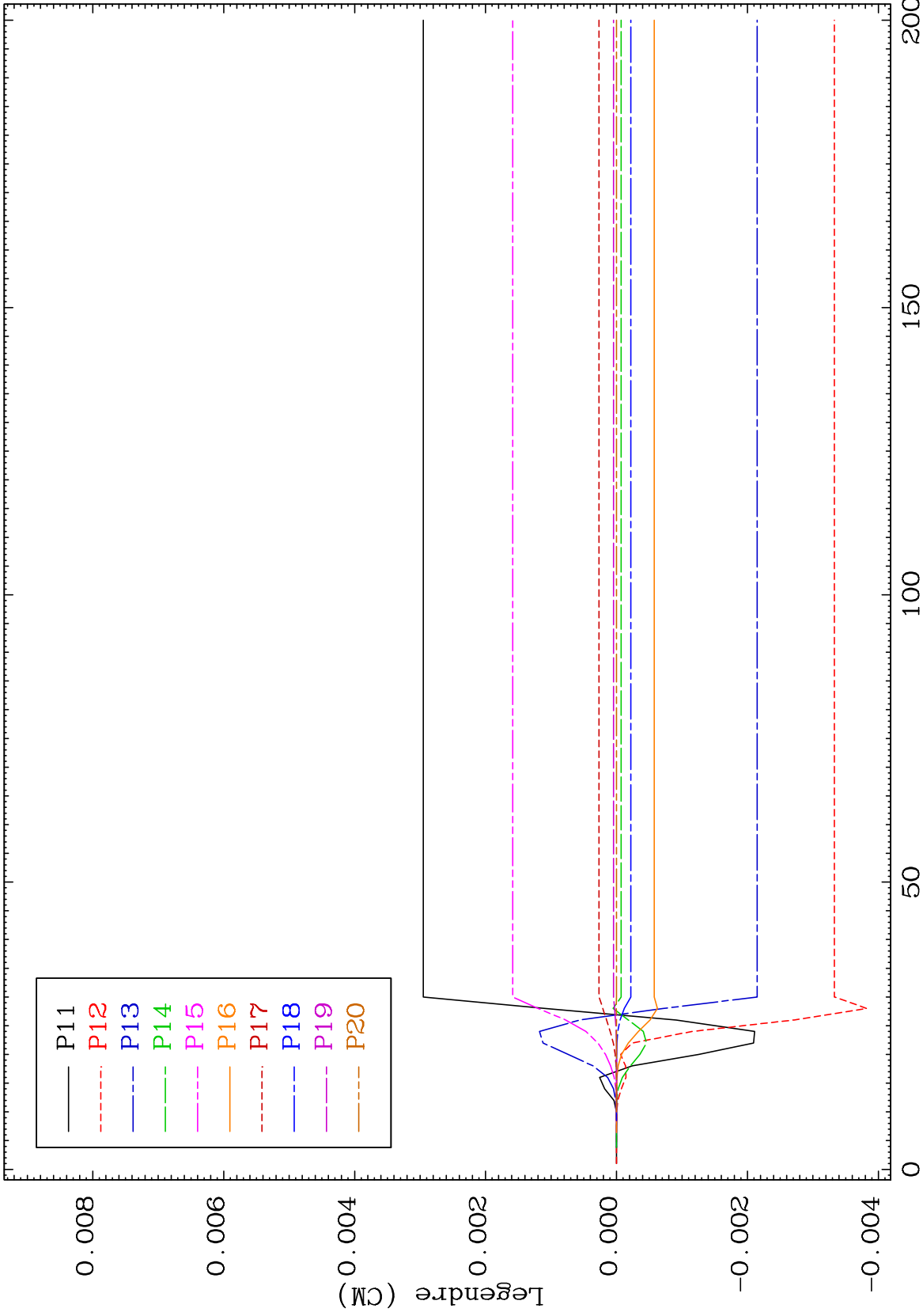
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



97

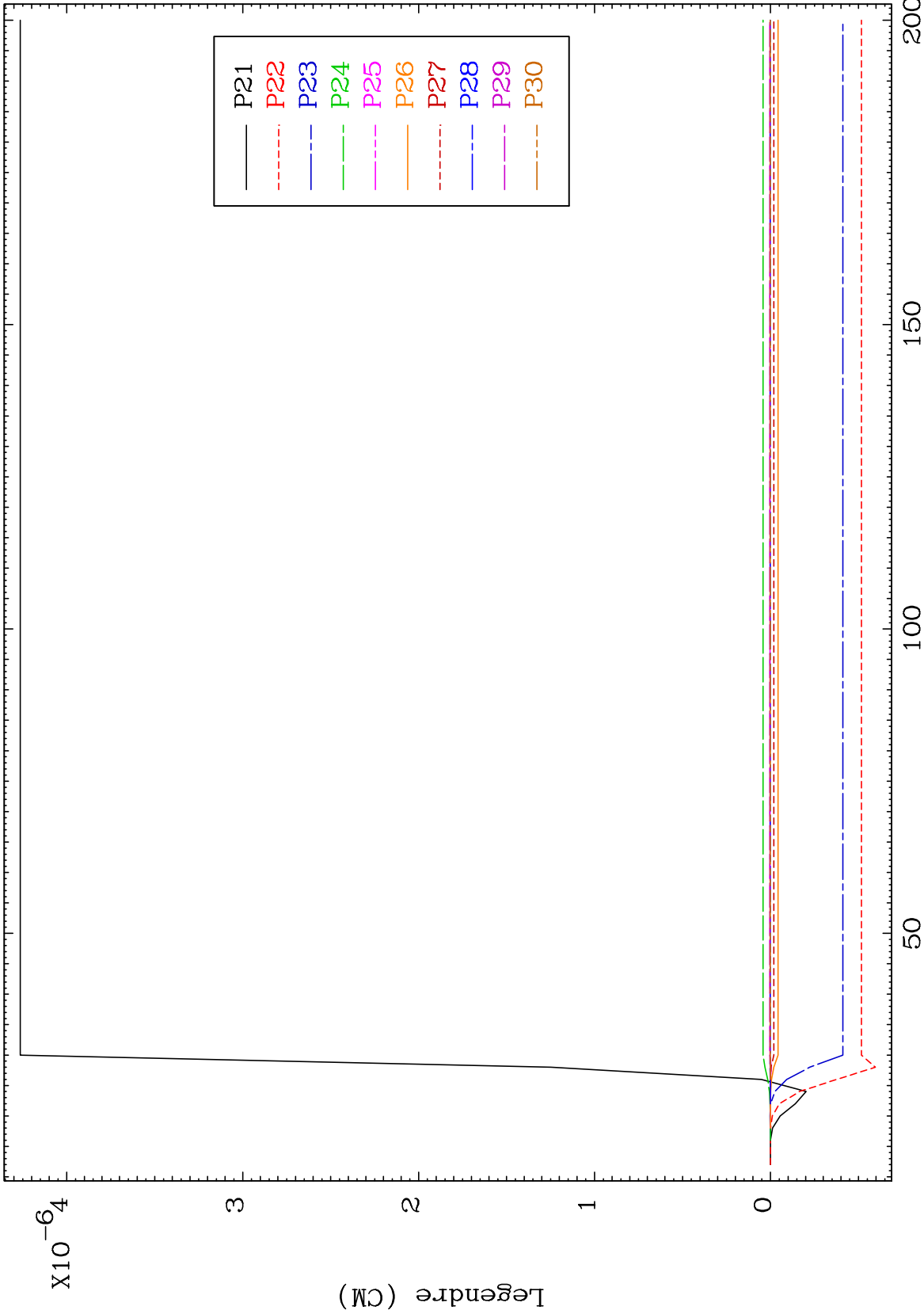
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



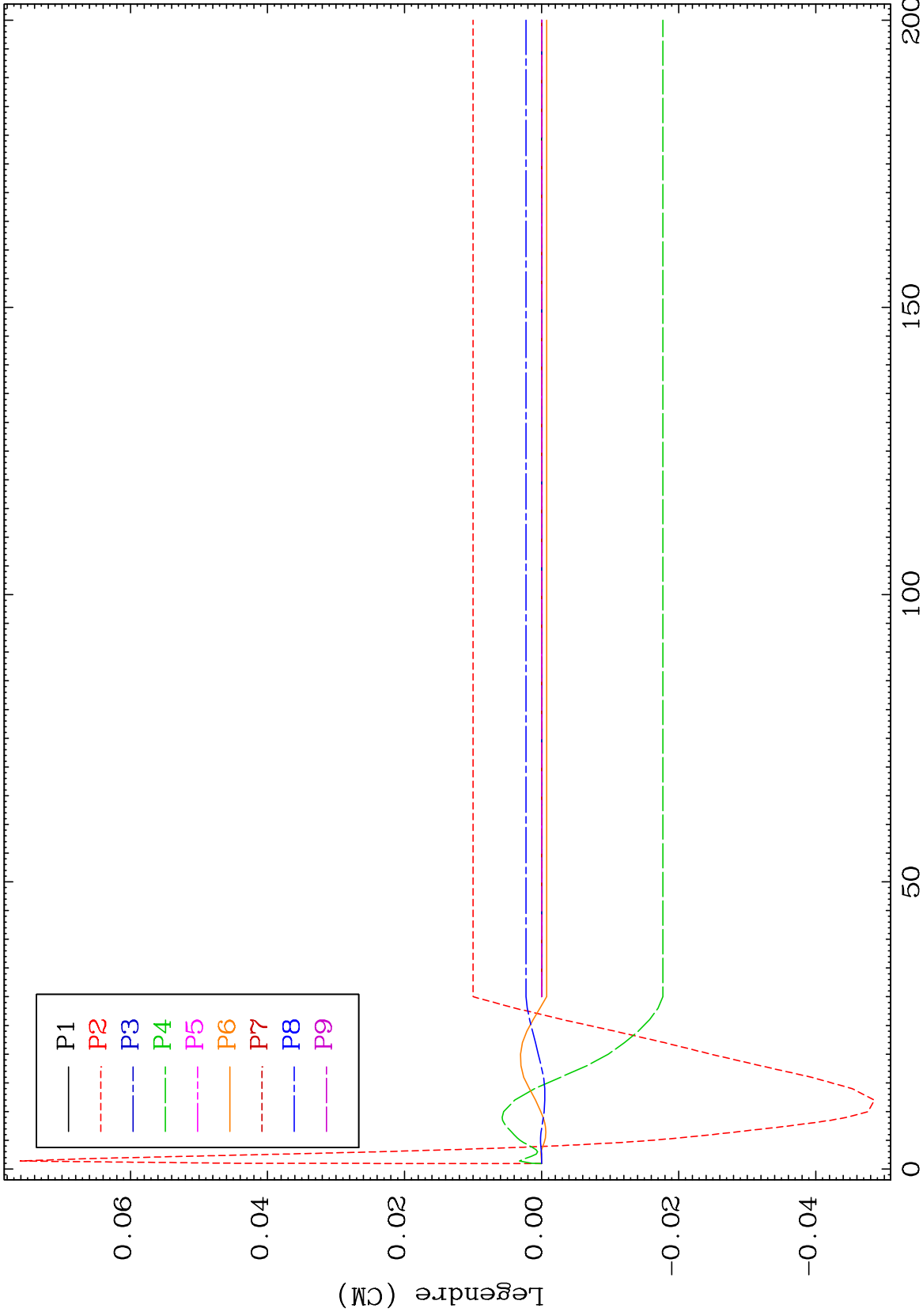
98

77-Ir-188

MAT 7716

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

77-Ir-188



99

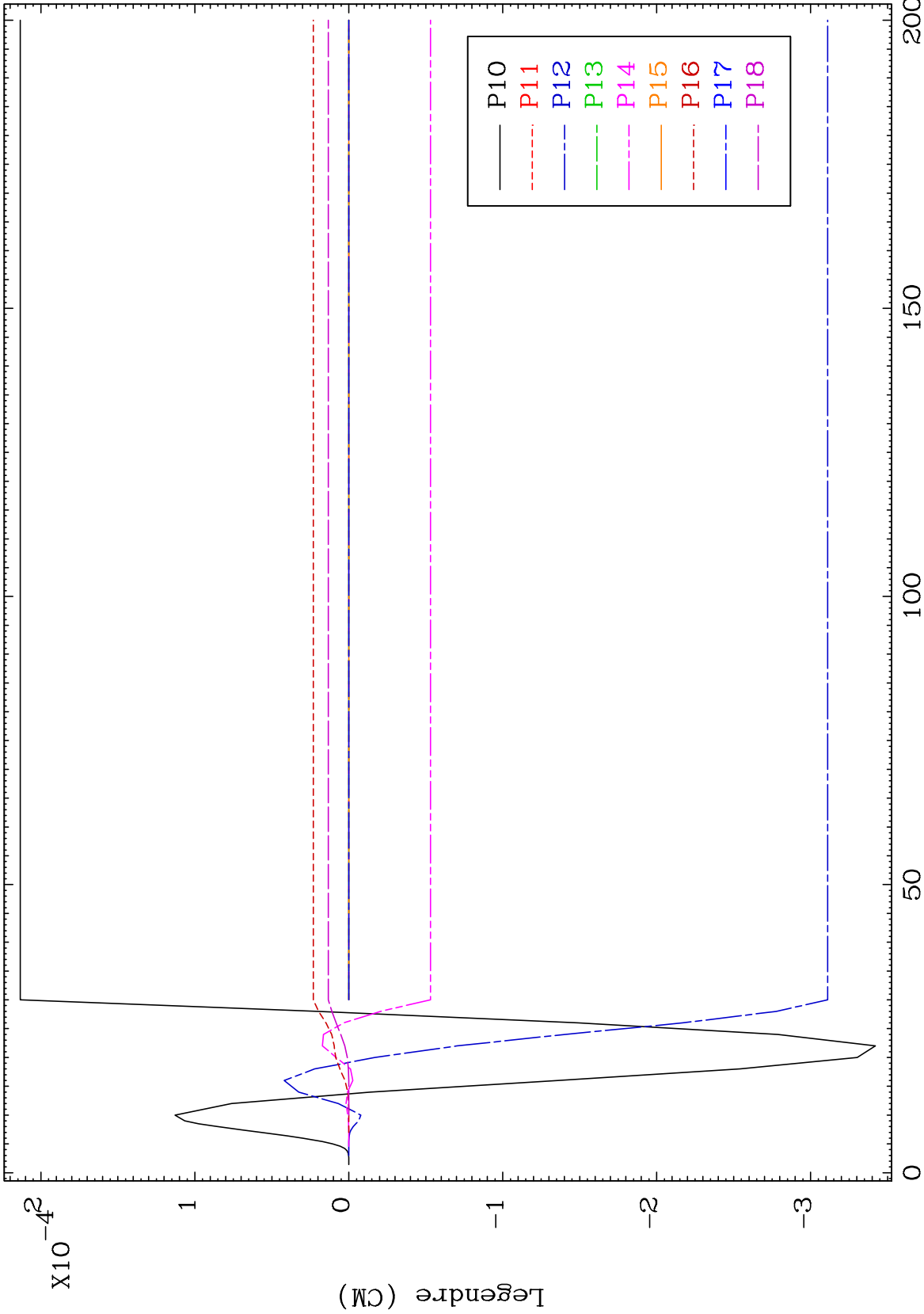
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188

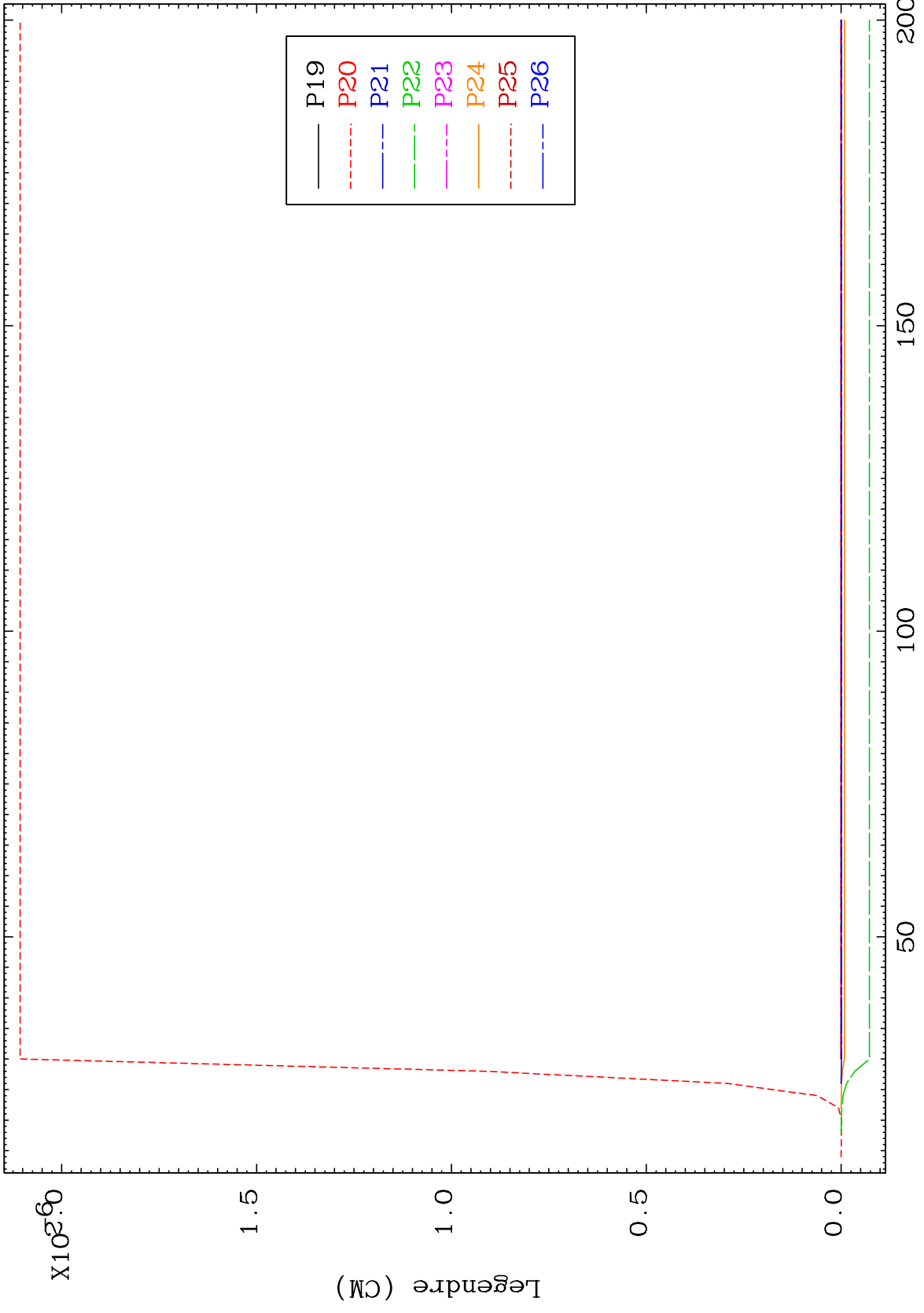


77-Ir-188

Incident Energy (MeV)

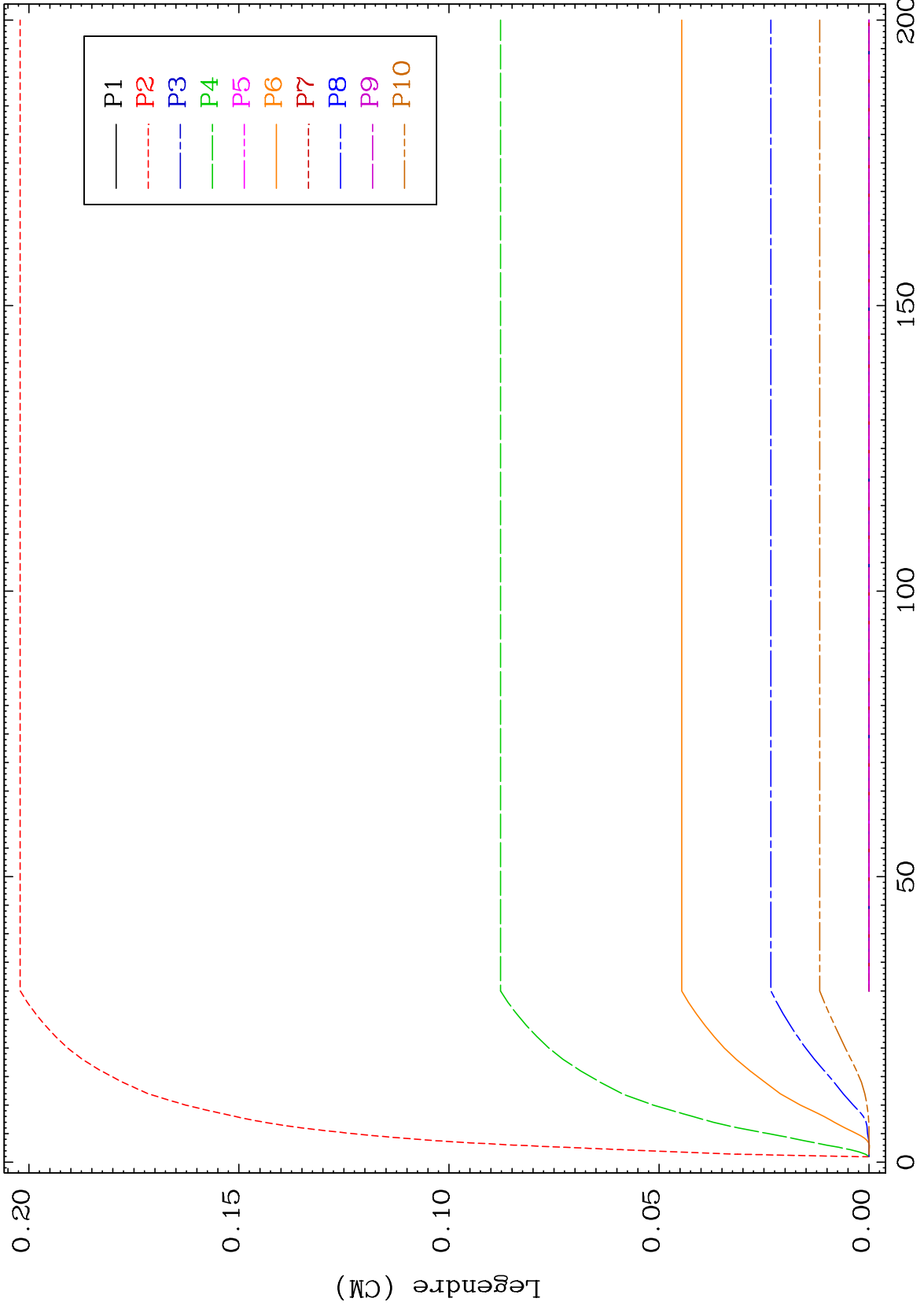
100

MAT 7716 MT= 73 (n,n') Level Legendre Coefficients 77-Ir-188



101 Incident Energy (MeV) 77-Ir-188

MAT 7716 MT= 74 (n,n') Level Legendre Coefficients 77-Ir-188

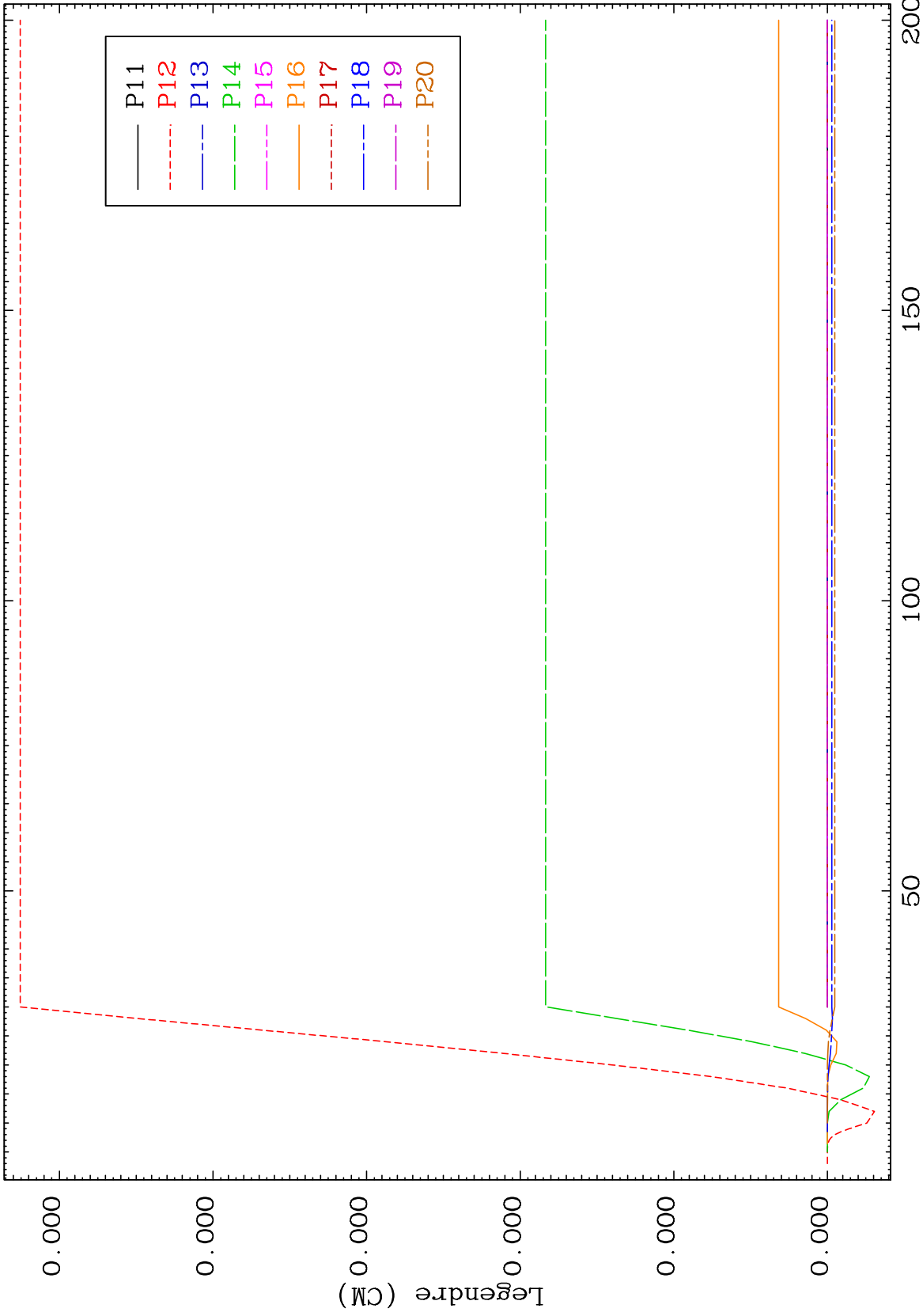


102 Incident Energy (MeV) 77-Ir-188

MAT 7716

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

77-Ir-188

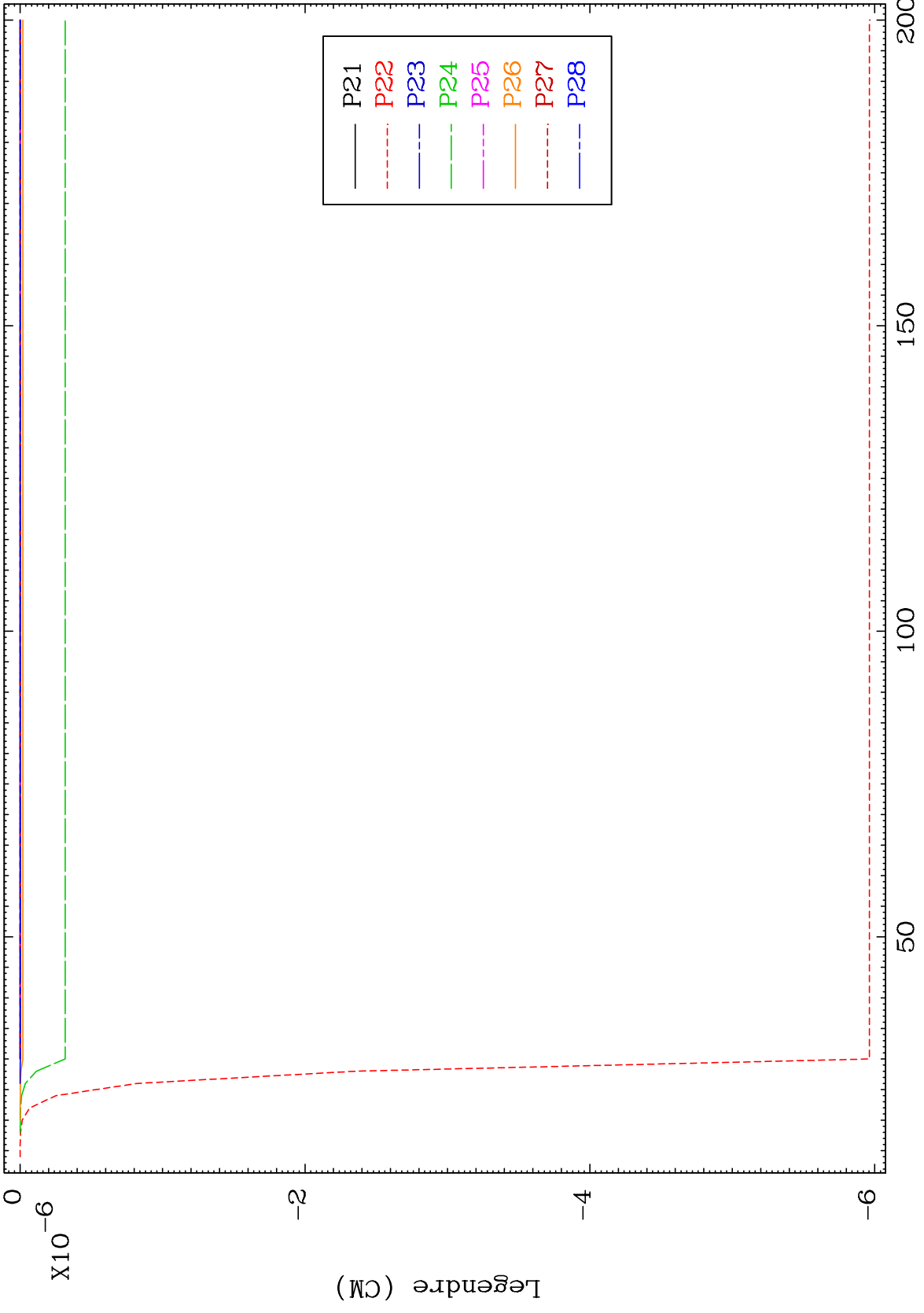


103

Incident Energy (MeV)

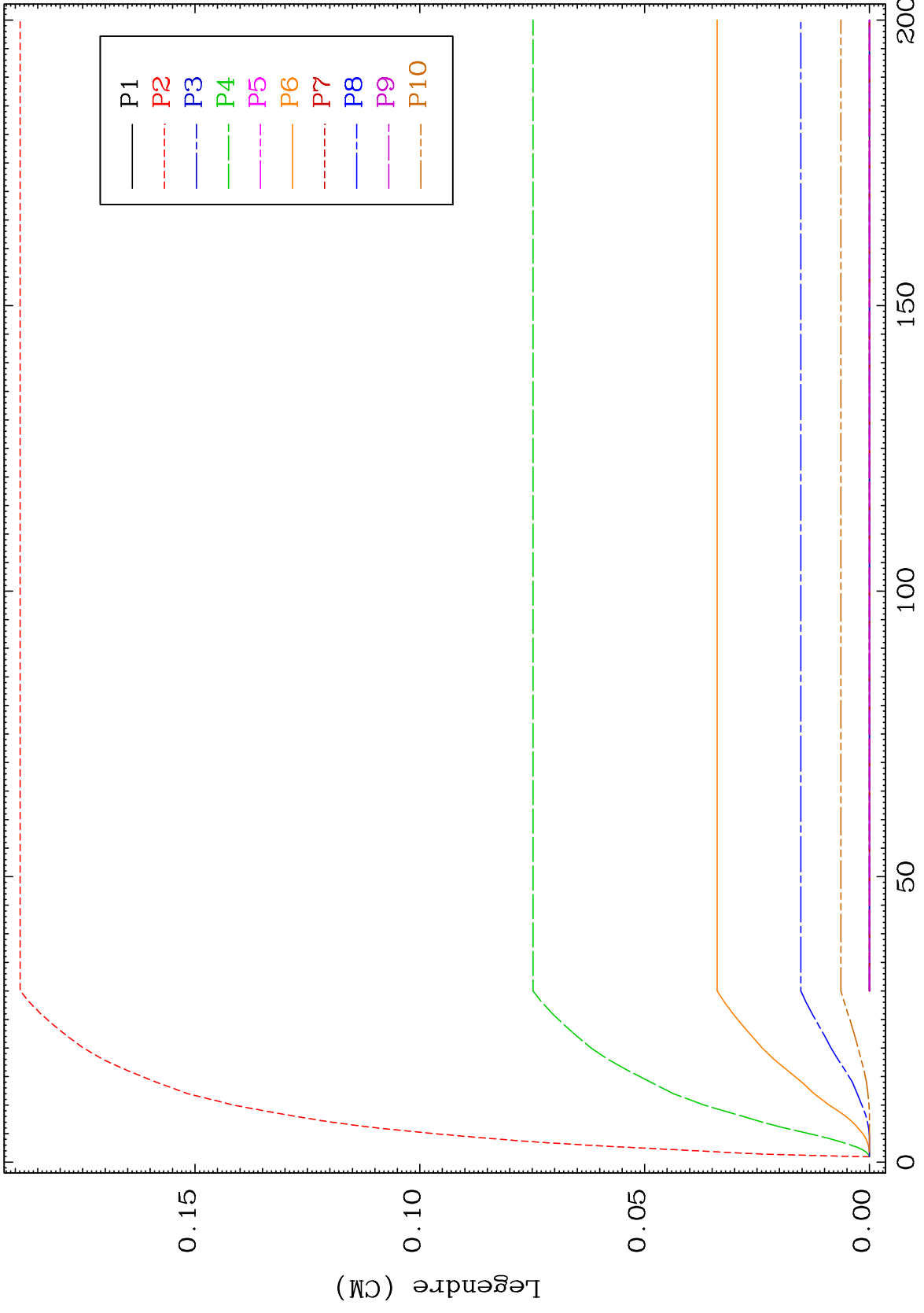
77-Ir-188

MAT 7716 MT= 74 (n,n') Level Legendre Coefficients 77-Ir-188



104 77-Ir-188

MAT 7716 MT= 75 (n,n') Level Legendre Coefficients 77-Ir-188

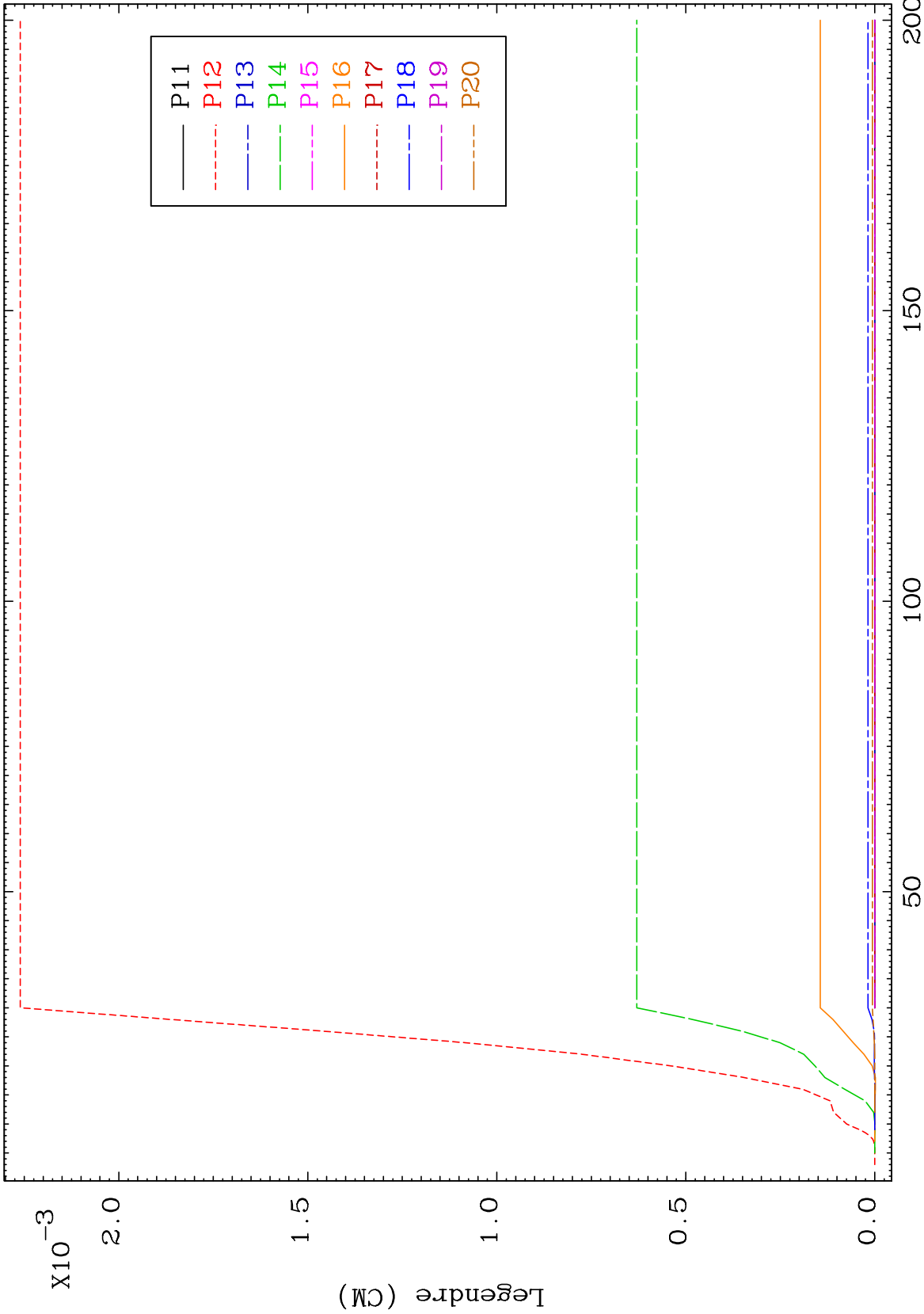


77-Ir-188

MAT 7716

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

77-Ir-188



106

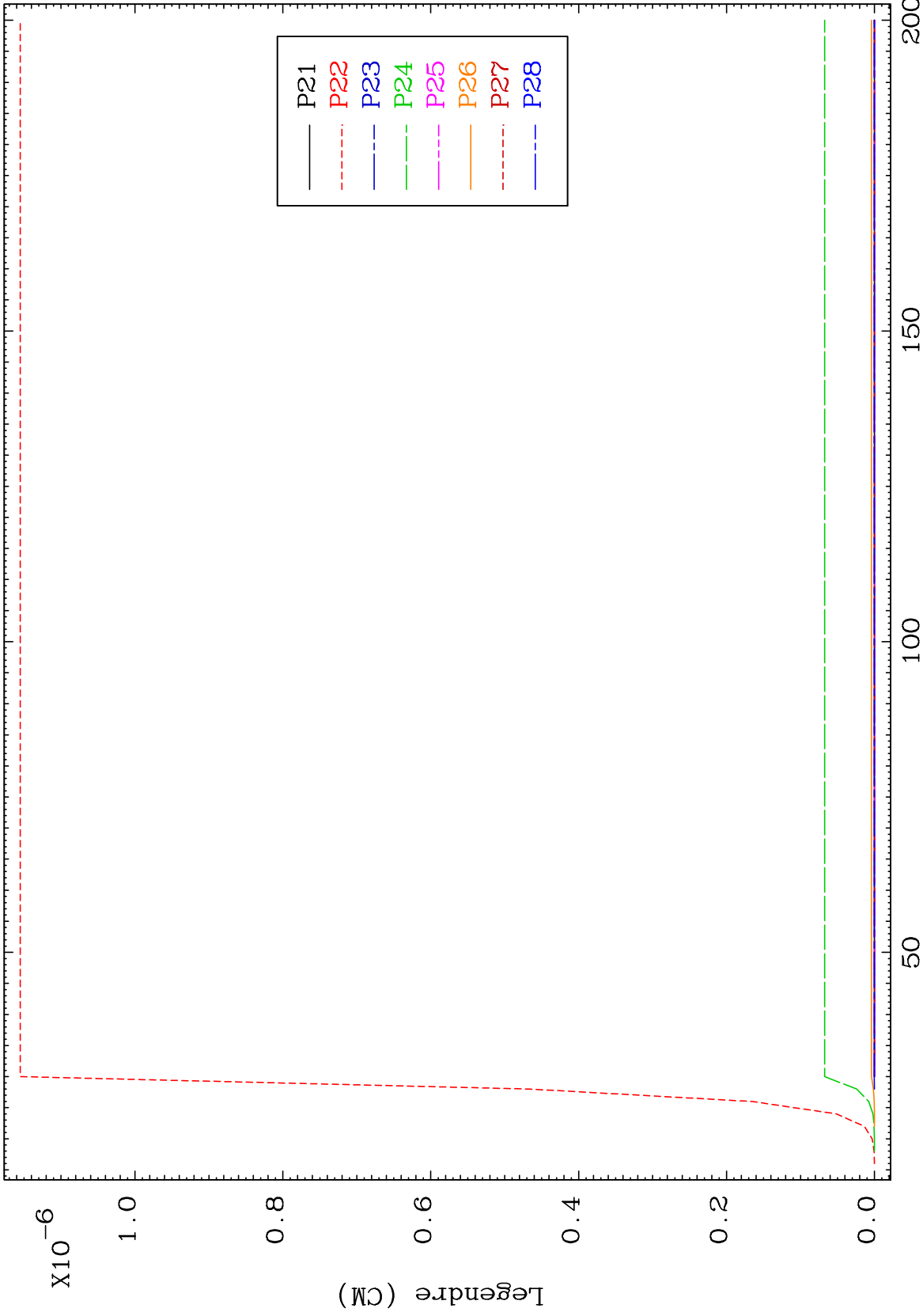
Incident Energy (MeV)

77-Ir-188

MAT 7716

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

77-Ir-188



107

Incident Energy (MeV)

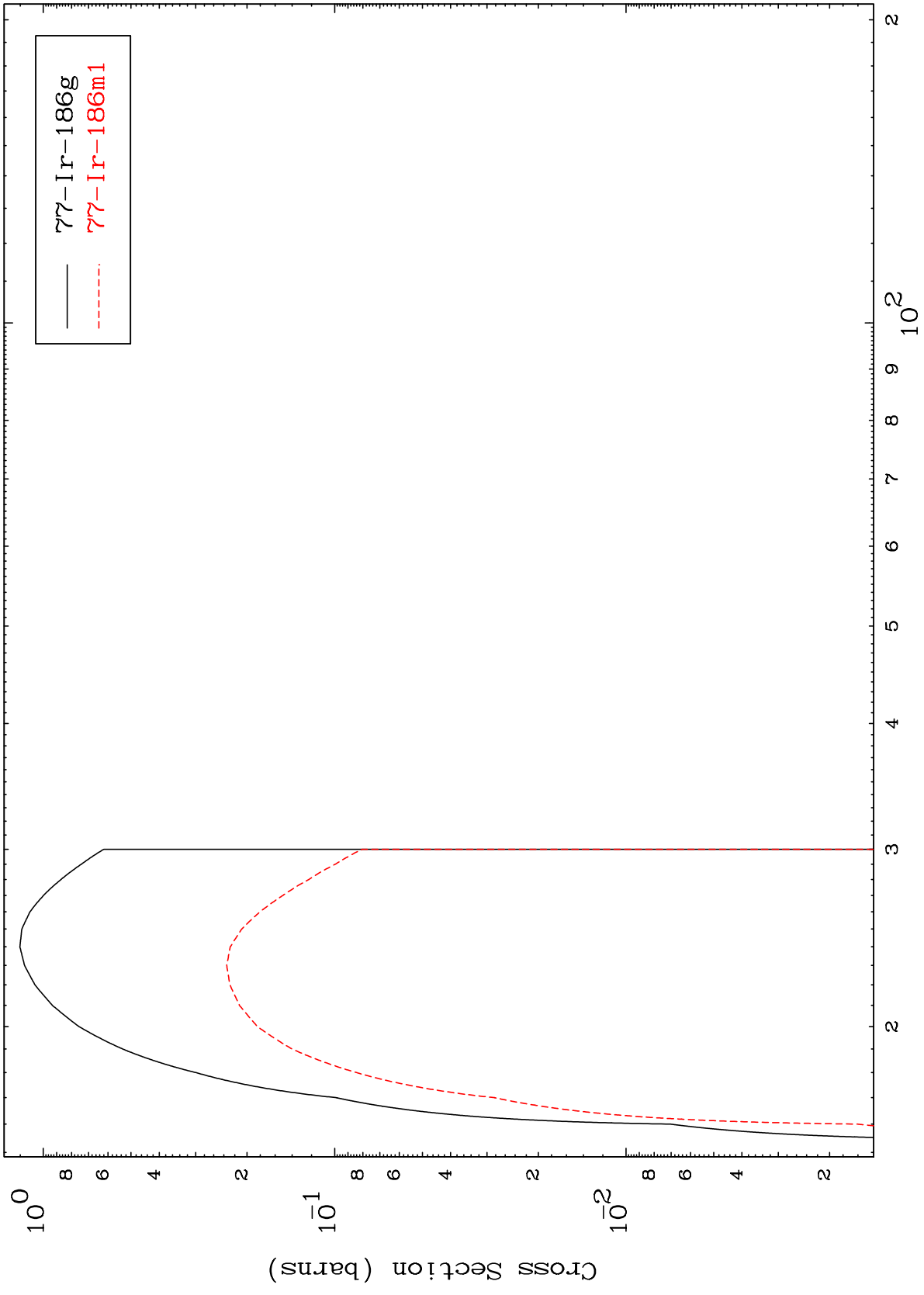
77-Ir-188

MAT 7716

(n,3n)

⁷⁷Ir-188

Radionuclide Production Cross Section



— ⁷⁷Ir-186g
- - - ⁷⁷Ir-186m1

108

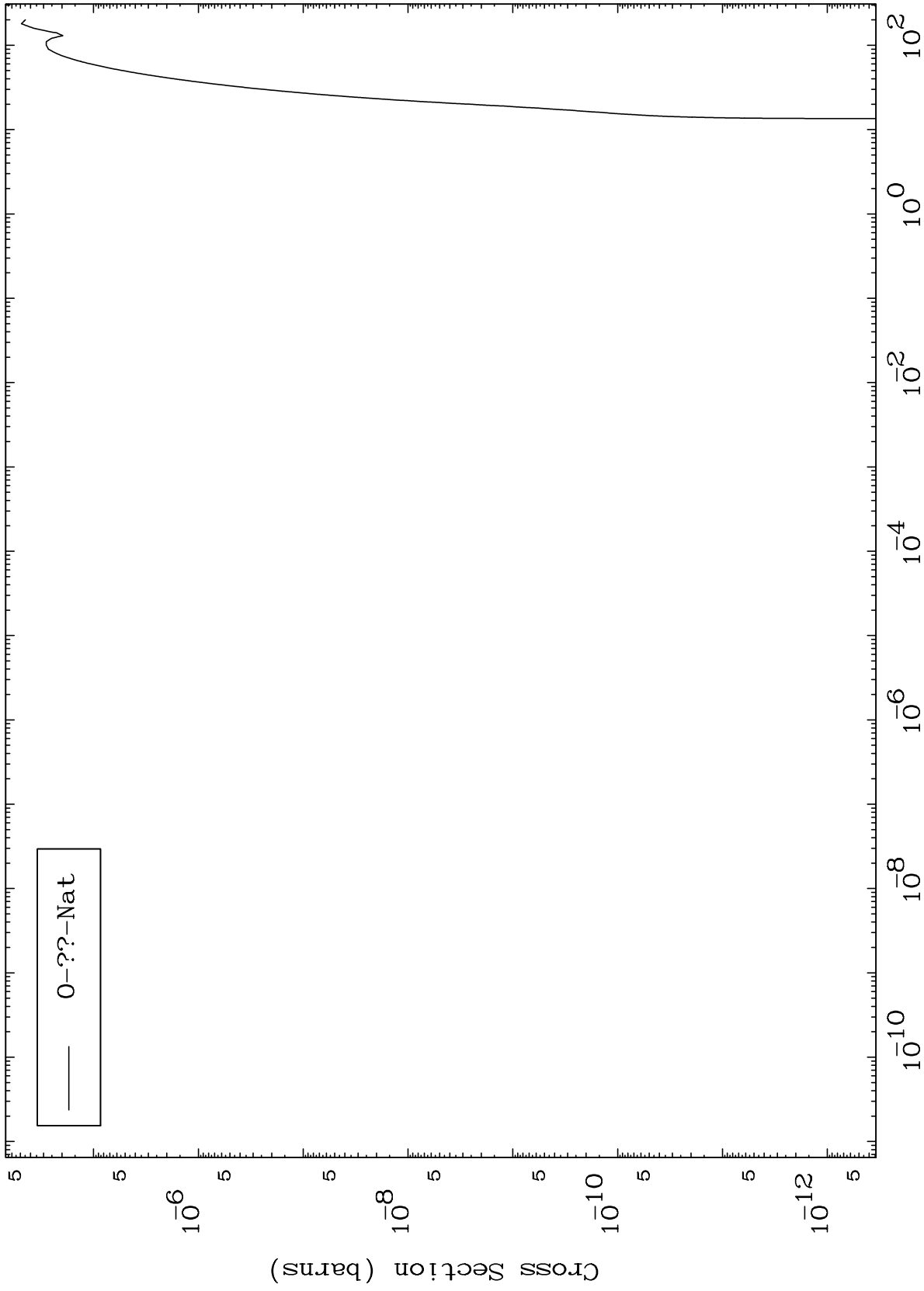
Incident Energy (MeV)

⁷⁷Ir-188

MAT 7716

Fission
Radionuclide Production Cross Section

⁷⁷Ir-188



109

Incident Energy (MeV)

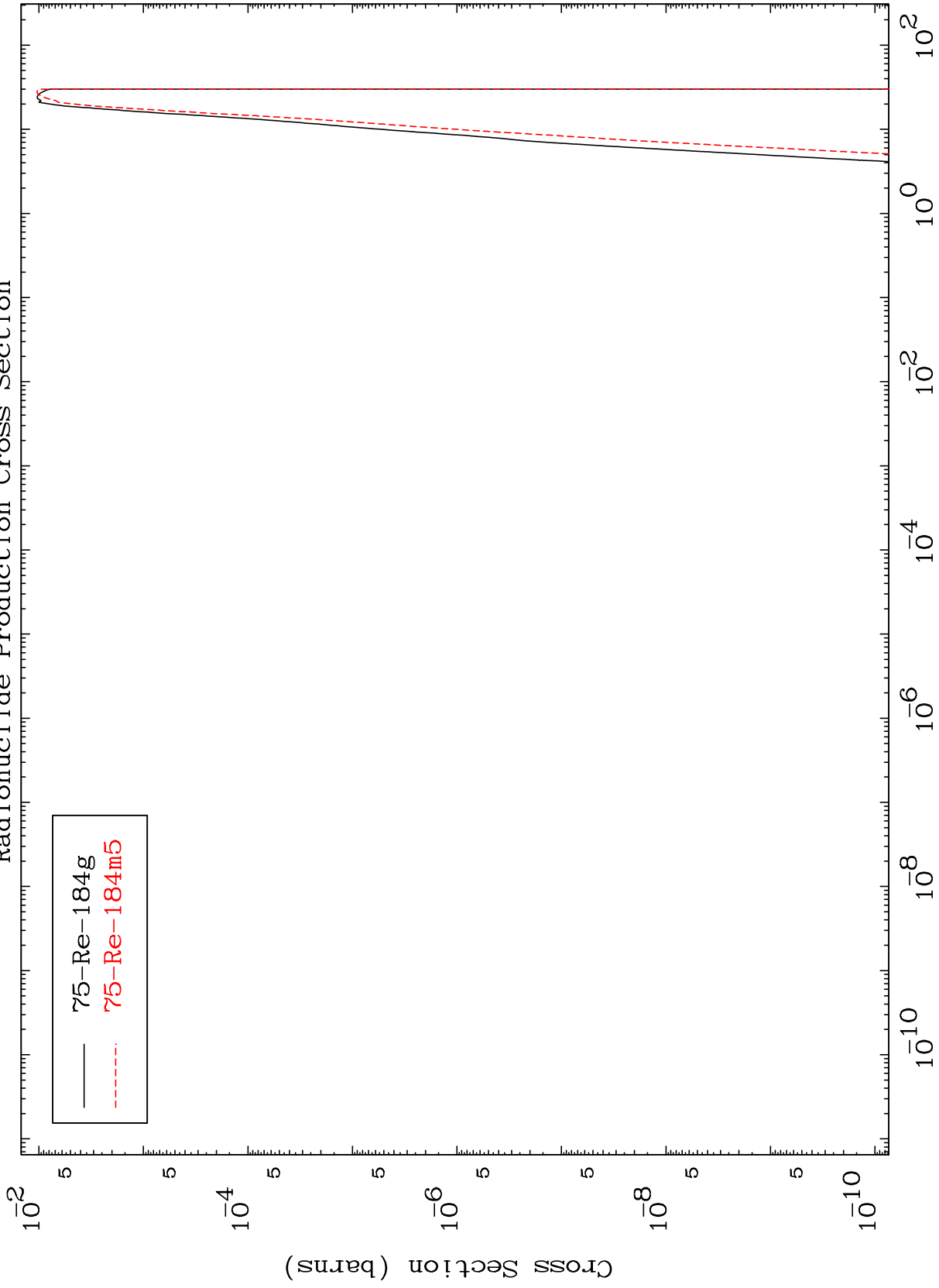
⁷⁷Ir-188

MAT 7716

(n,n') α

77-Ir-188

Radionuclide Production Cross Section



110

Incident Energy (MeV)

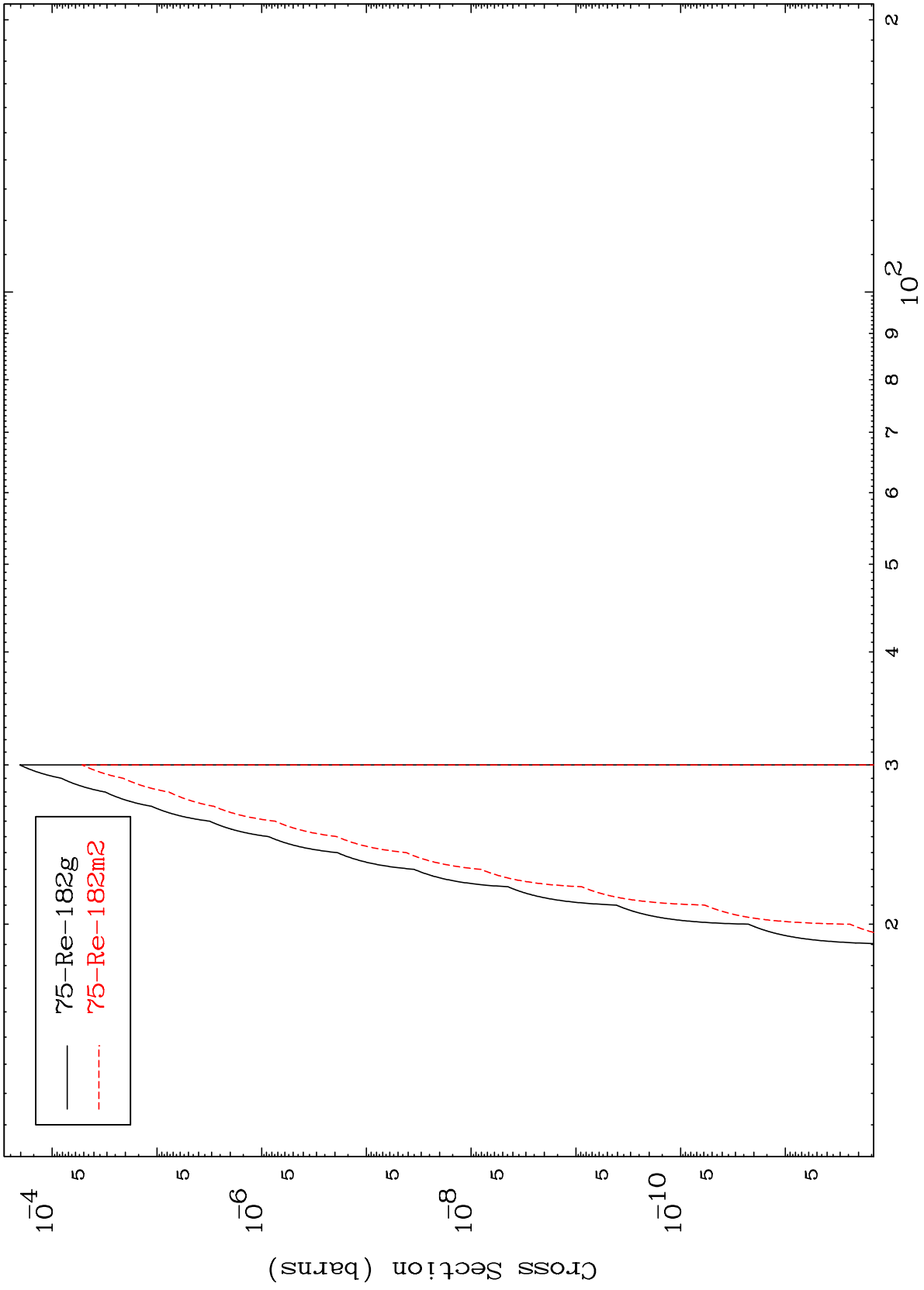
77-Ir-188

MAT 7716

(n,3n) α

77-Ir-188

Radionuclide Production Cross Section



111

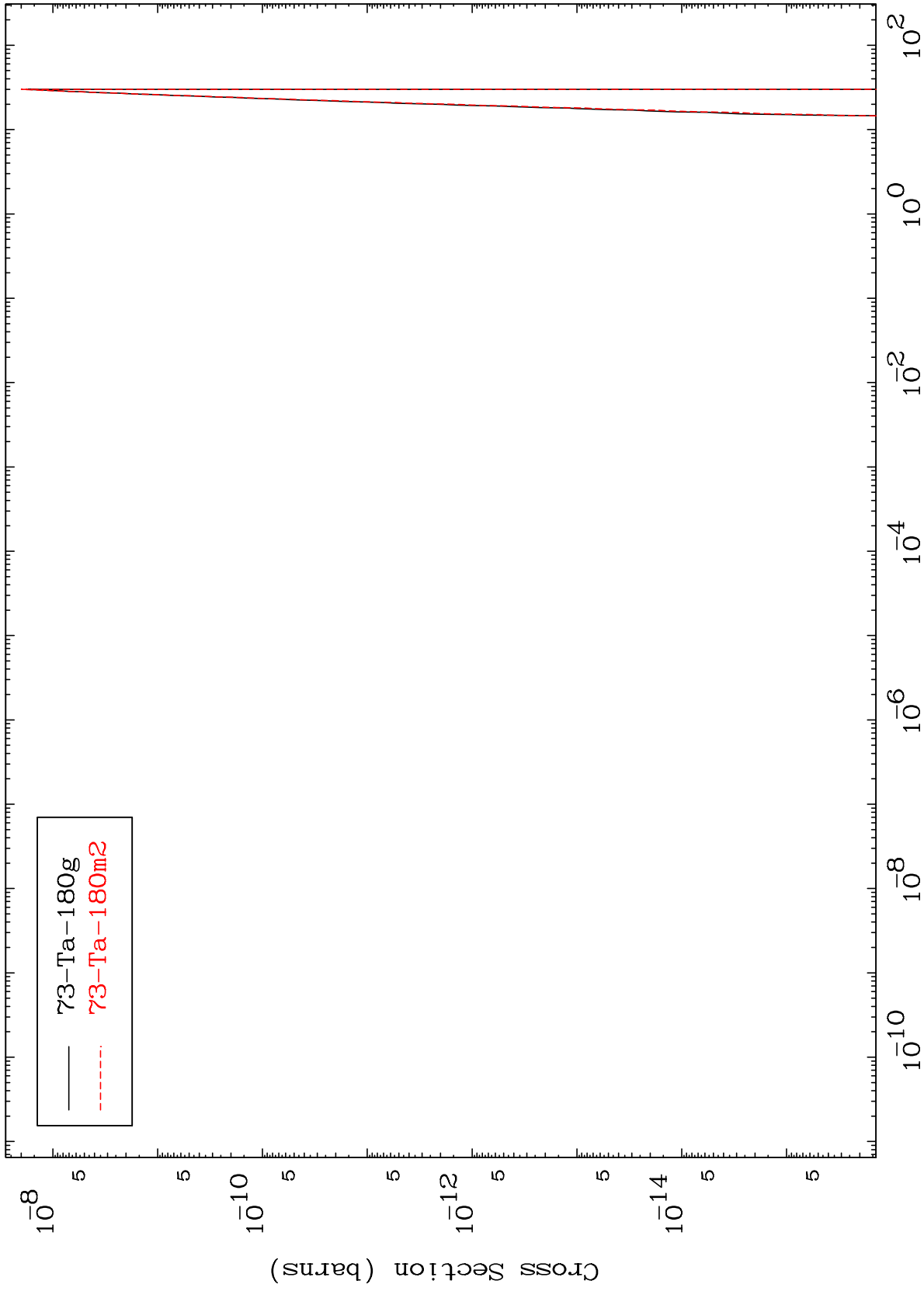
77-Ir-188

MAT 7716

(n,n') 2α

77-Ir-188

Radionuclide Production Cross Section



112

Incident Energy (MeV)

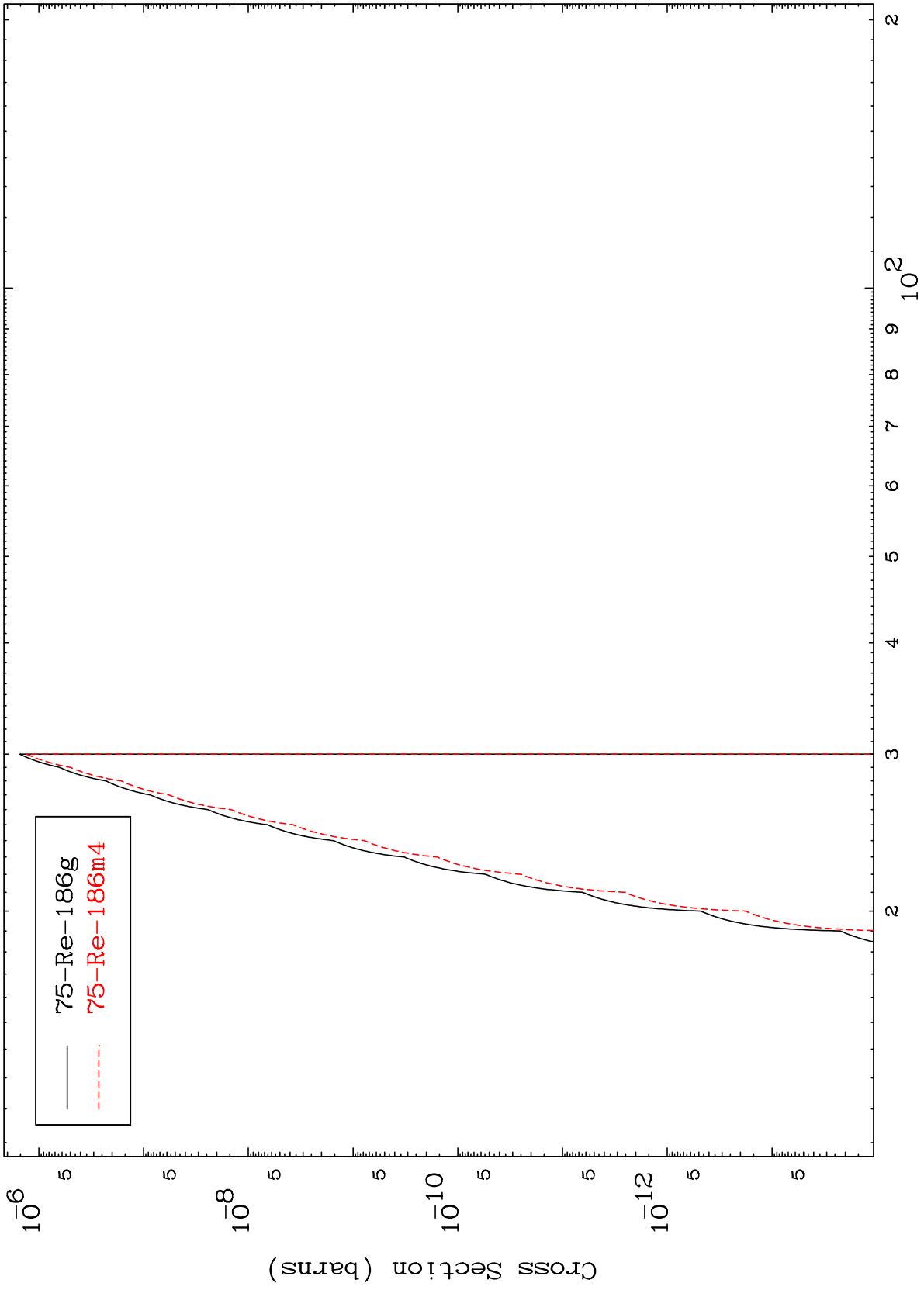
77-Ir-188

MAT 7716

(n,2n) p

77-Ir-188

Radionuclide Production Cross Section



113

Incident Energy (MeV)

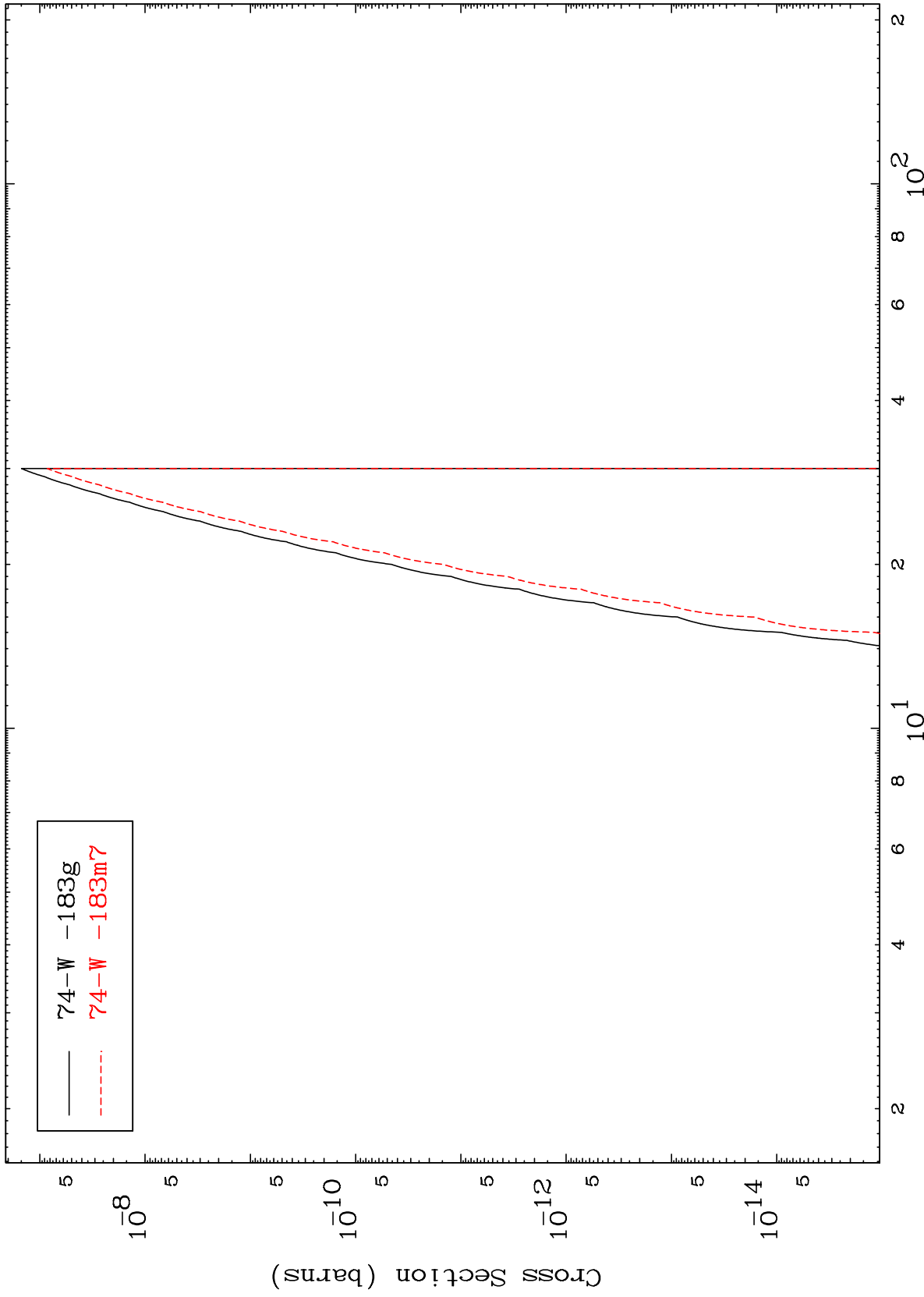
77-Ir-188

MAT 7716

(n,n') p α

77-Ir-188

Radionuclide Production Cross Section



114

Incident Energy (MeV)

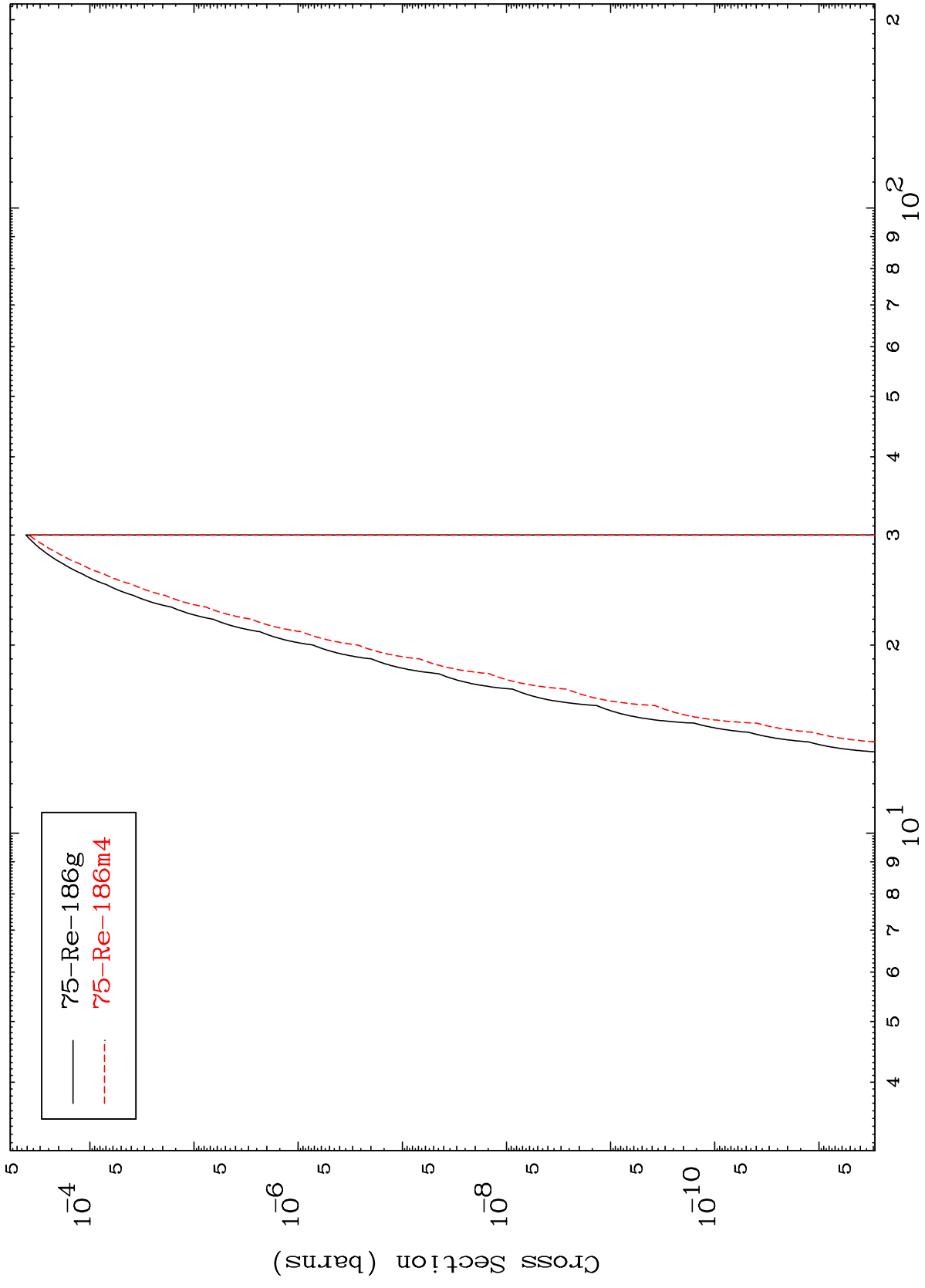
77-Ir-188

MAT 7716

(n, He-3)

77-Ir-188

Radionuclide Production Cross Section



115

Incident Energy (MeV)

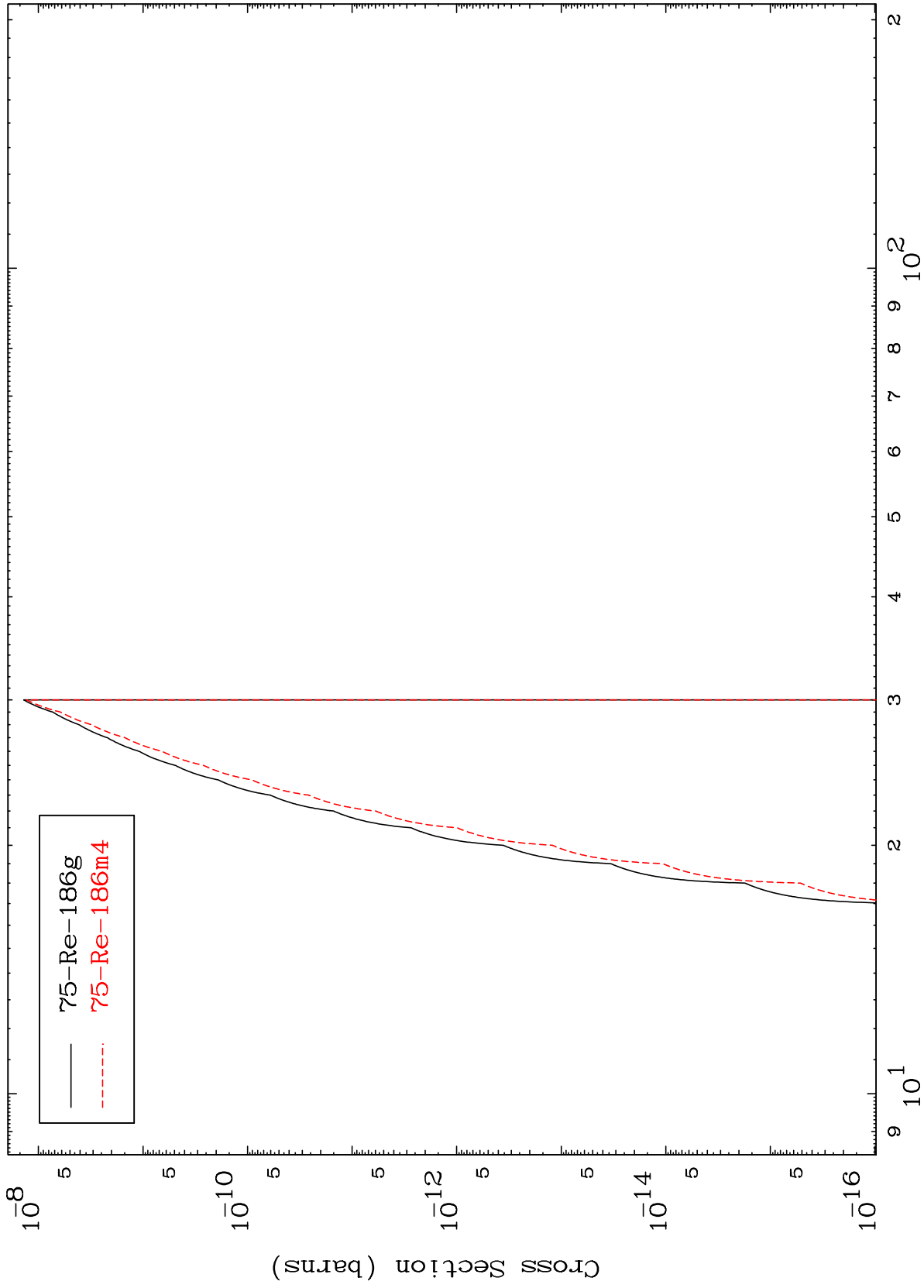
77-Ir-188

MAT 7716

(n,p) d

77-Ir-188

Radionuclide Production Cross Section



116

Incident Energy (MeV)

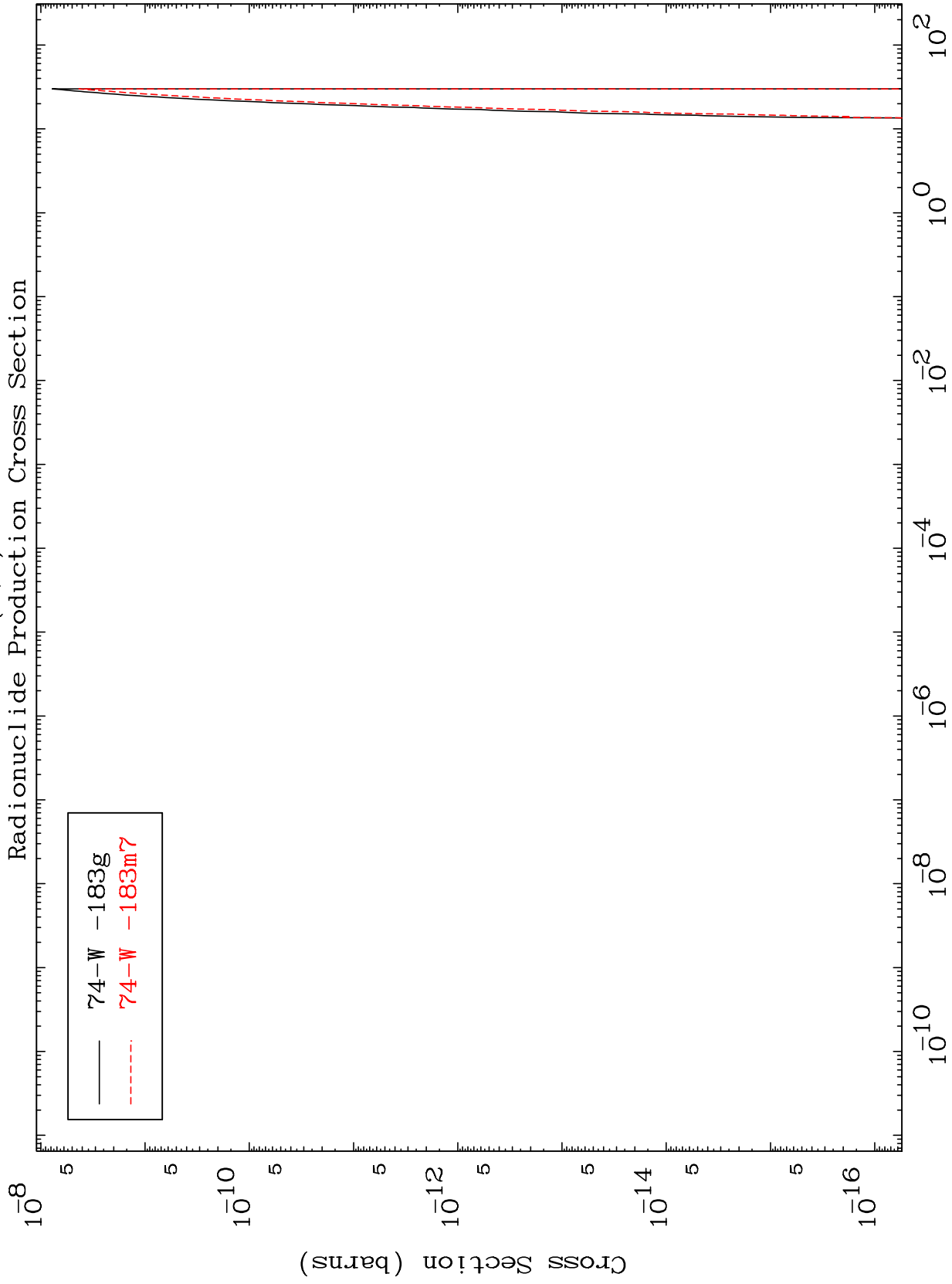
77-Ir-188

MAT 7716

(n,d) α

77-Ir-188

Radionuclide Production Cross Section



117

Incident Energy (MeV)

77-Ir-188