

Program EVALPLOT
(Version 2018-1)

by

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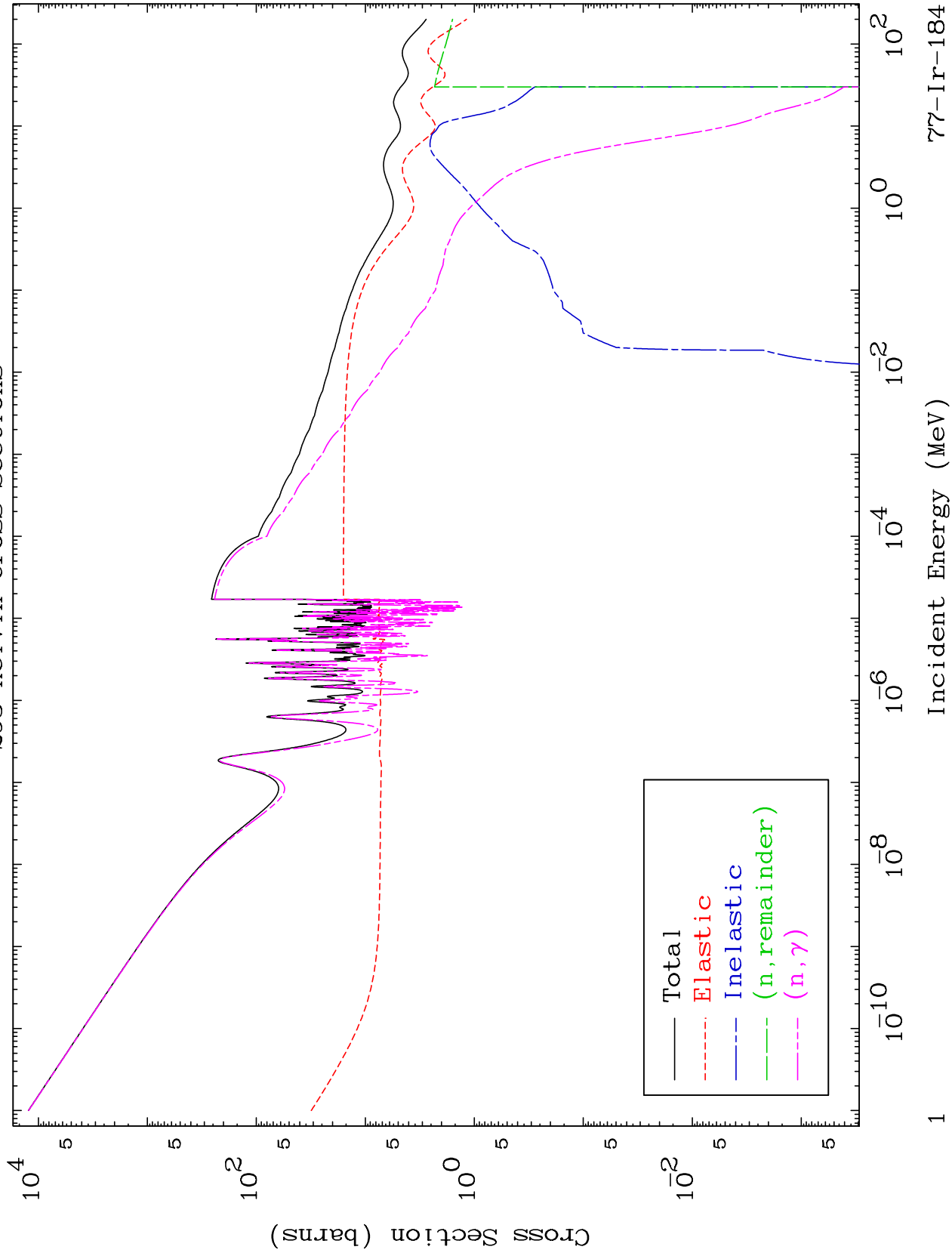
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7704

Major
293 Kelvin Cross Sections

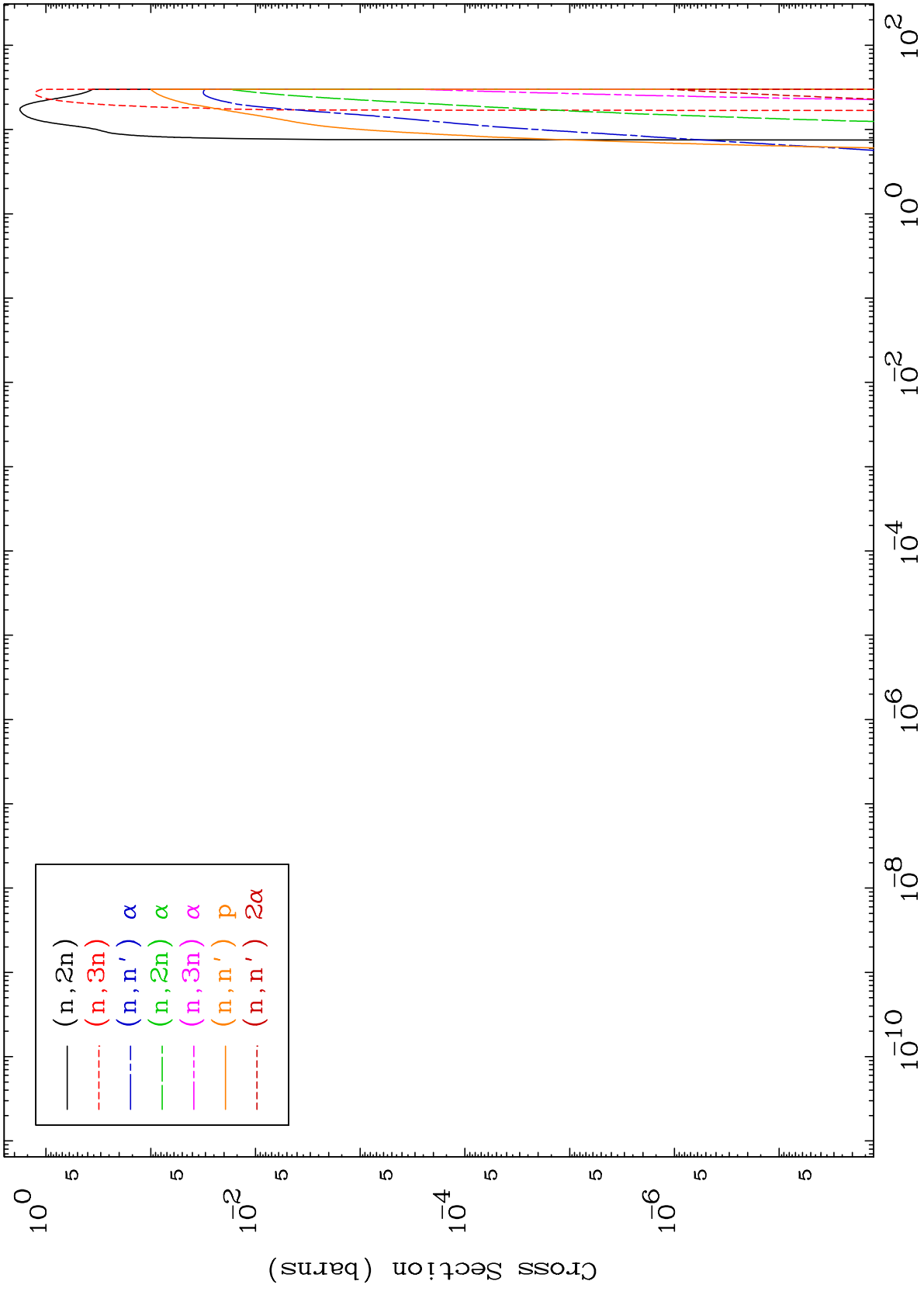
77-Ir-184



MAT 7704

Neutron Production
293 Kelvin Cross Sections

77-Ir-184

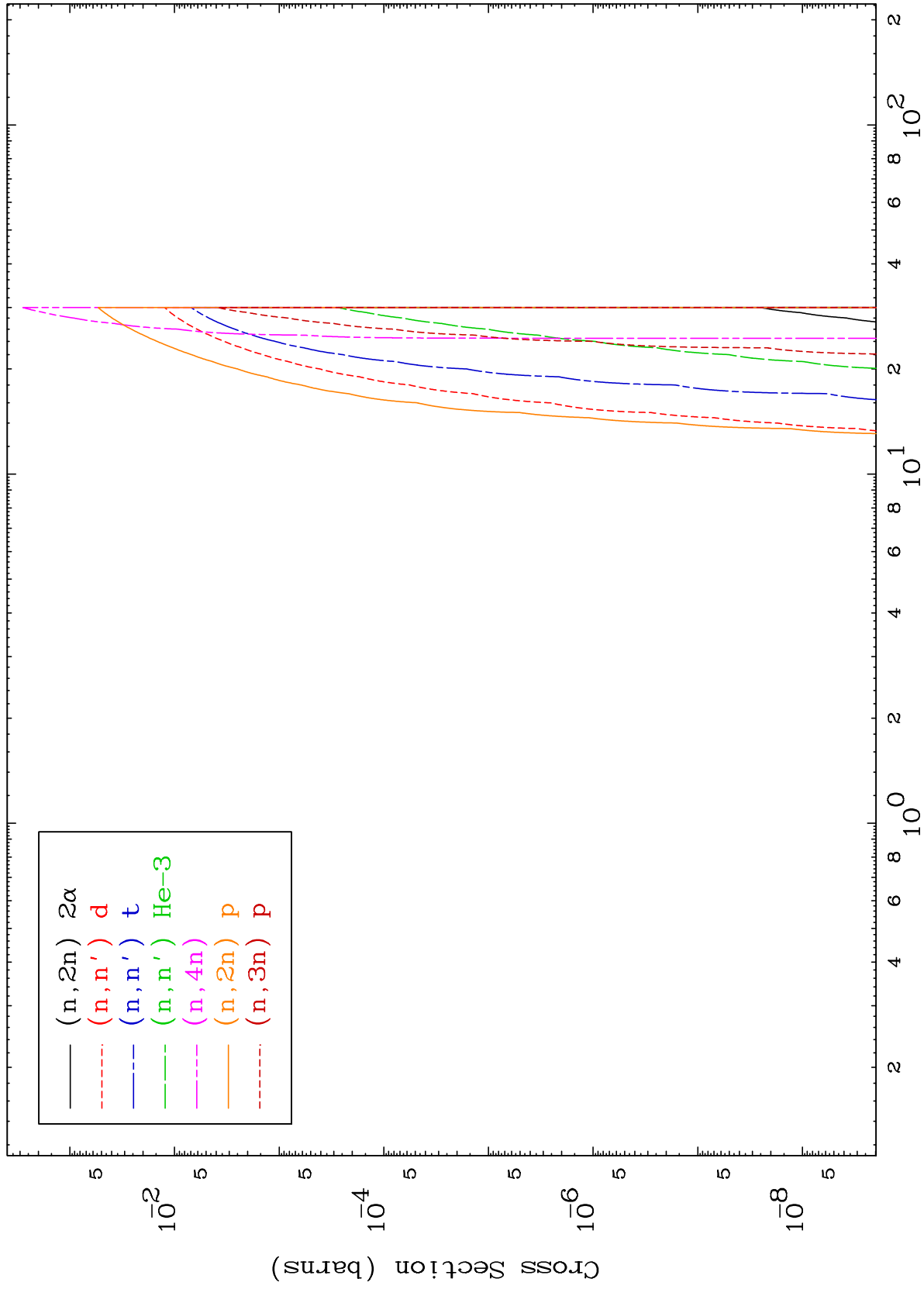


77-Ir-184

MAT 7704

Neutron Production
293 Kelvin Cross Sections

77-Ir-184



3

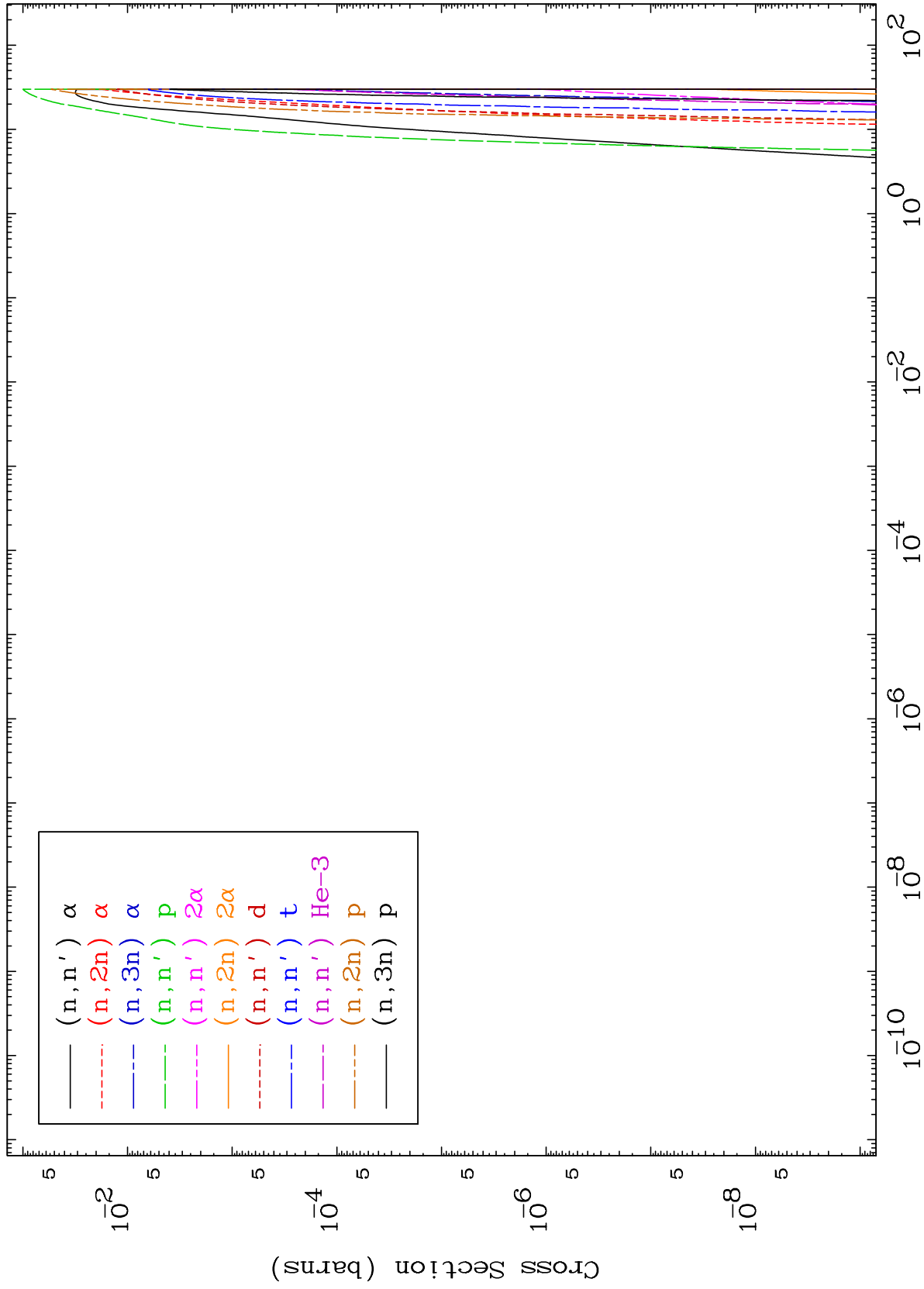
Incident Energy (MeV)

77-Ir-184

MAT 7704

293 Charged Particle
Kelvin Cross Sections

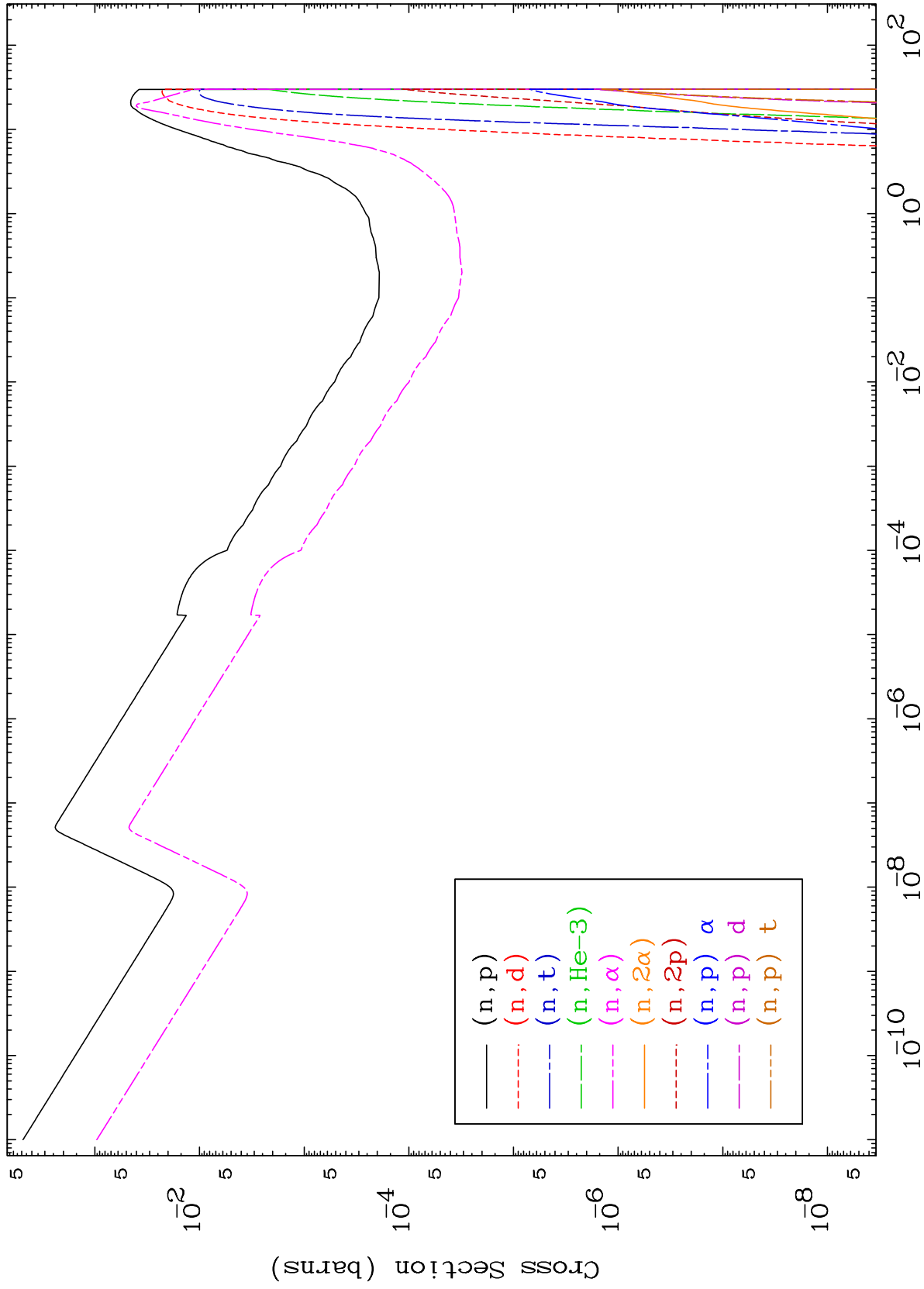
77-Ir-184



MAT 7704

293 Kelvin Cross Sections

77-Ir-184



5

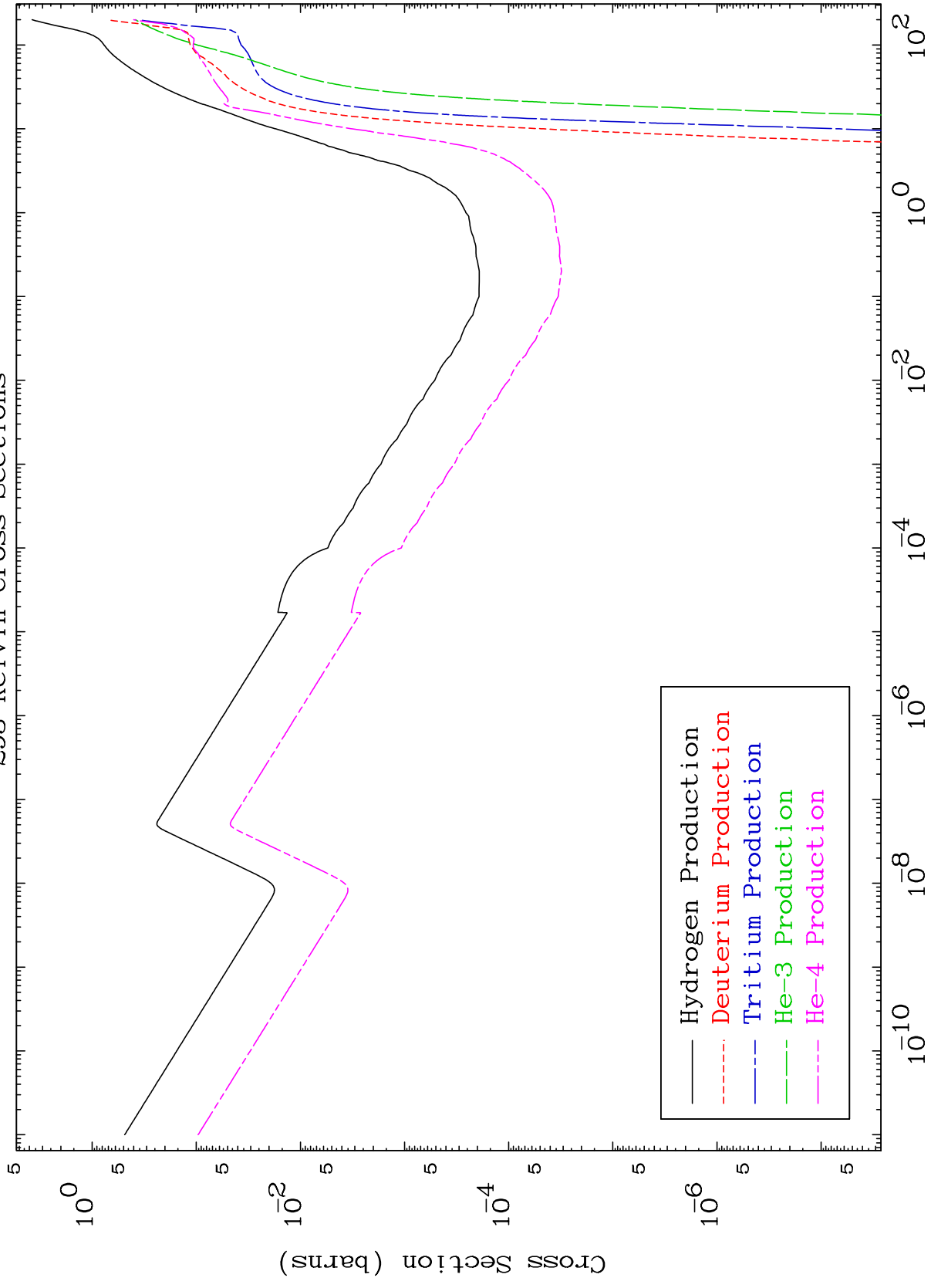
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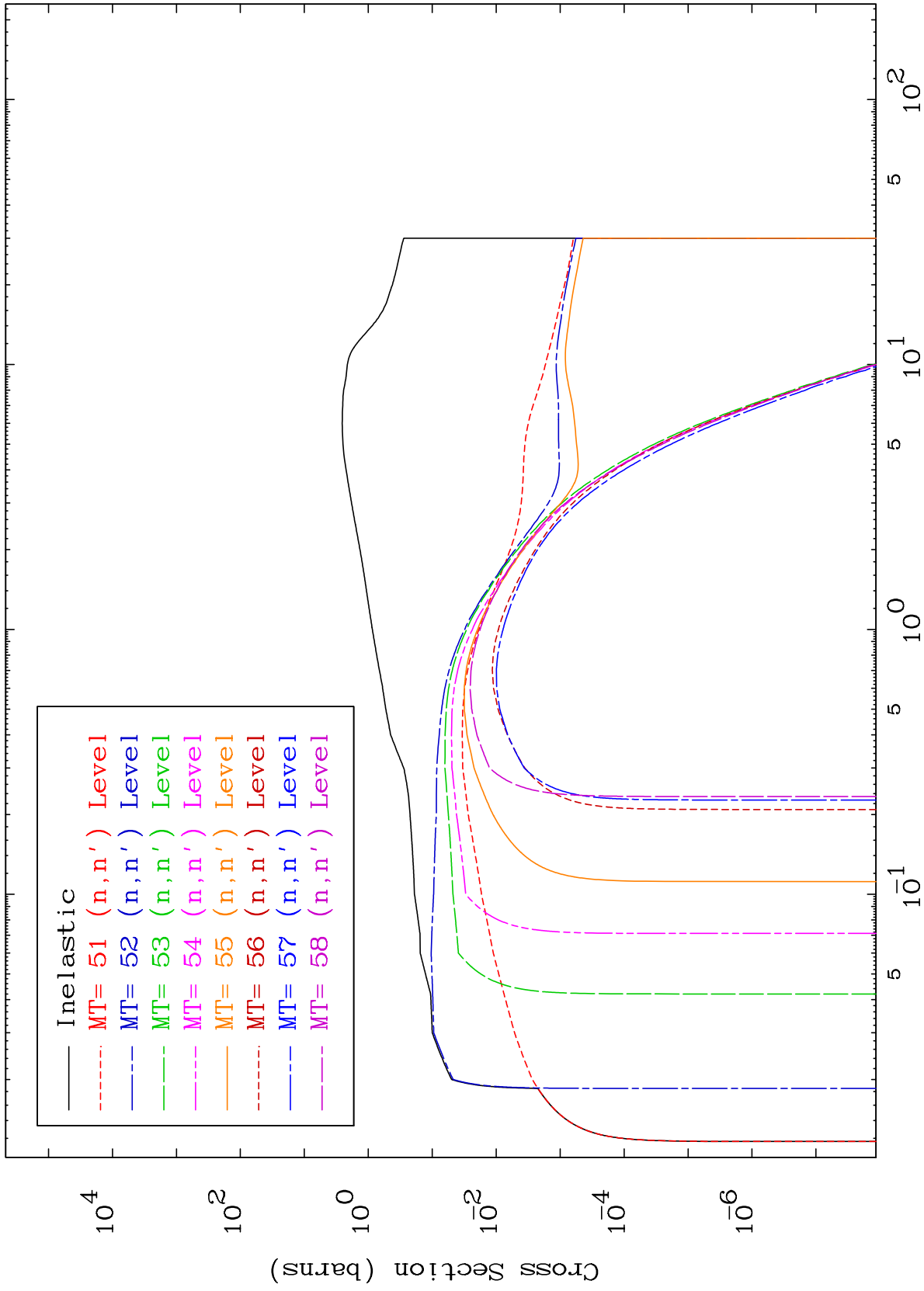
77-Ir-184

MAT 7704

Particle Production
293 Kelvin Cross Sections

77-Ir-184

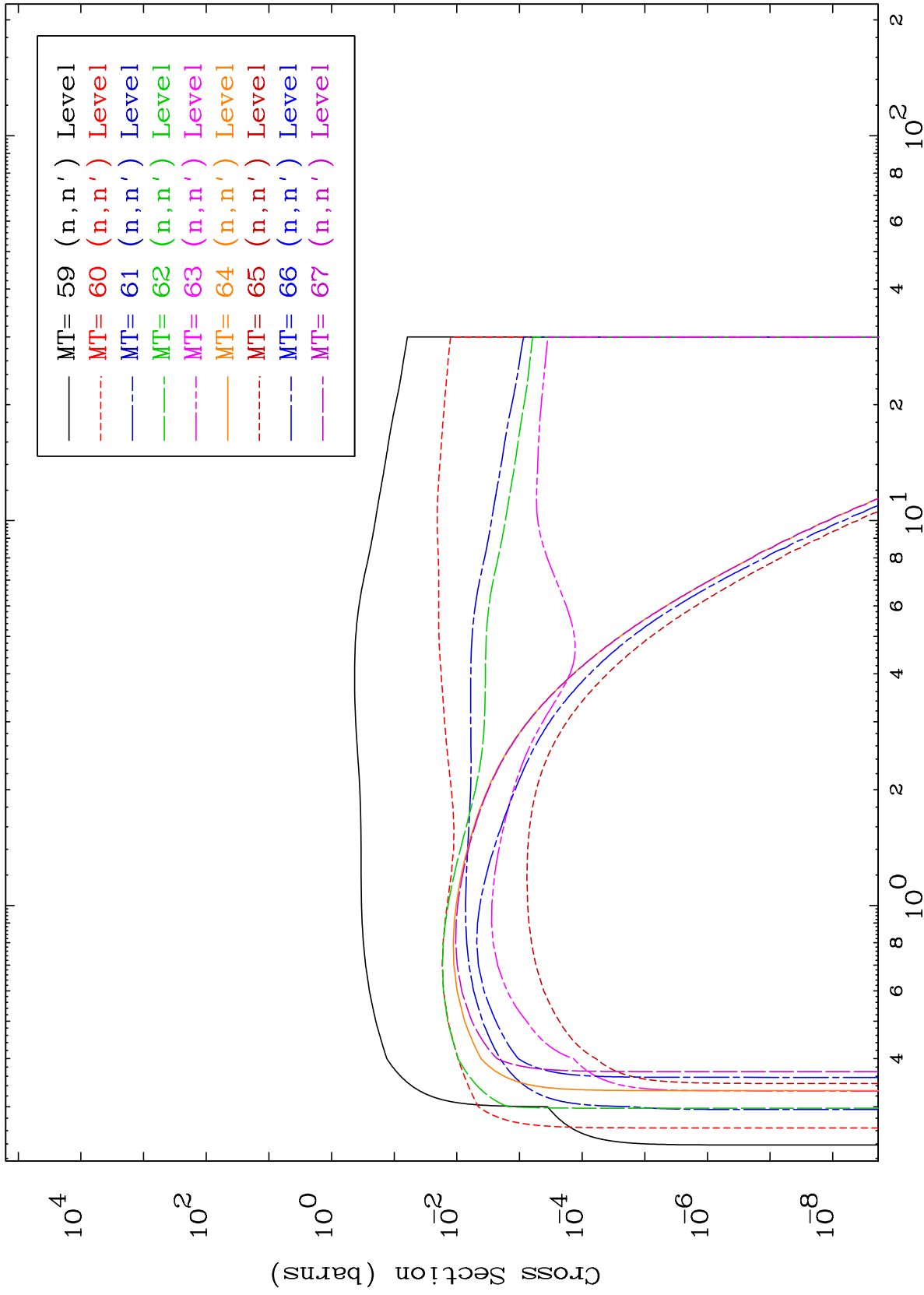




MAT 7704

(n,n') Level
293 Kelvin Cross Sections

77-Ir-184



8

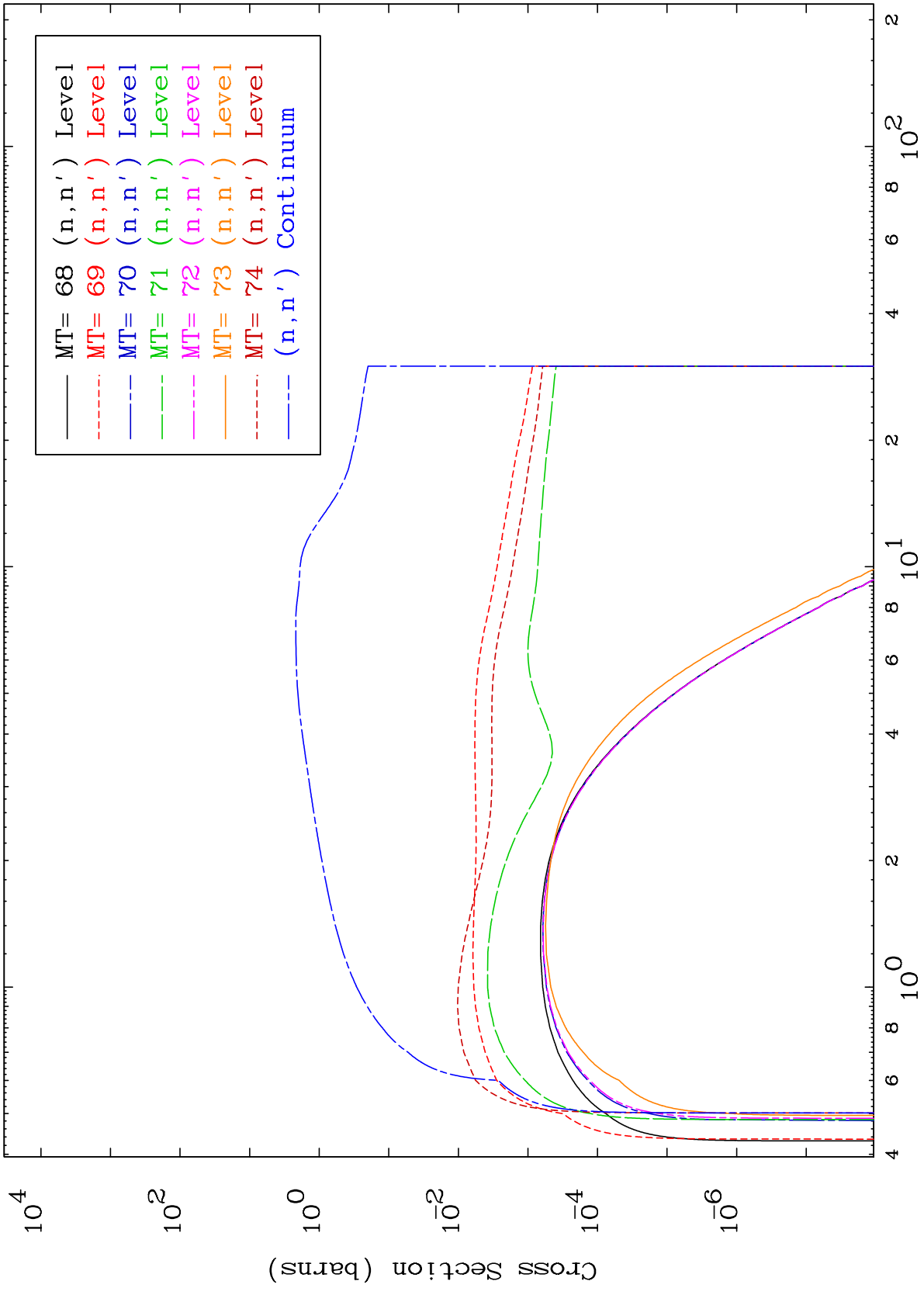
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,n') Level
293 Kelvin Cross Sections

77-Ir-184



9

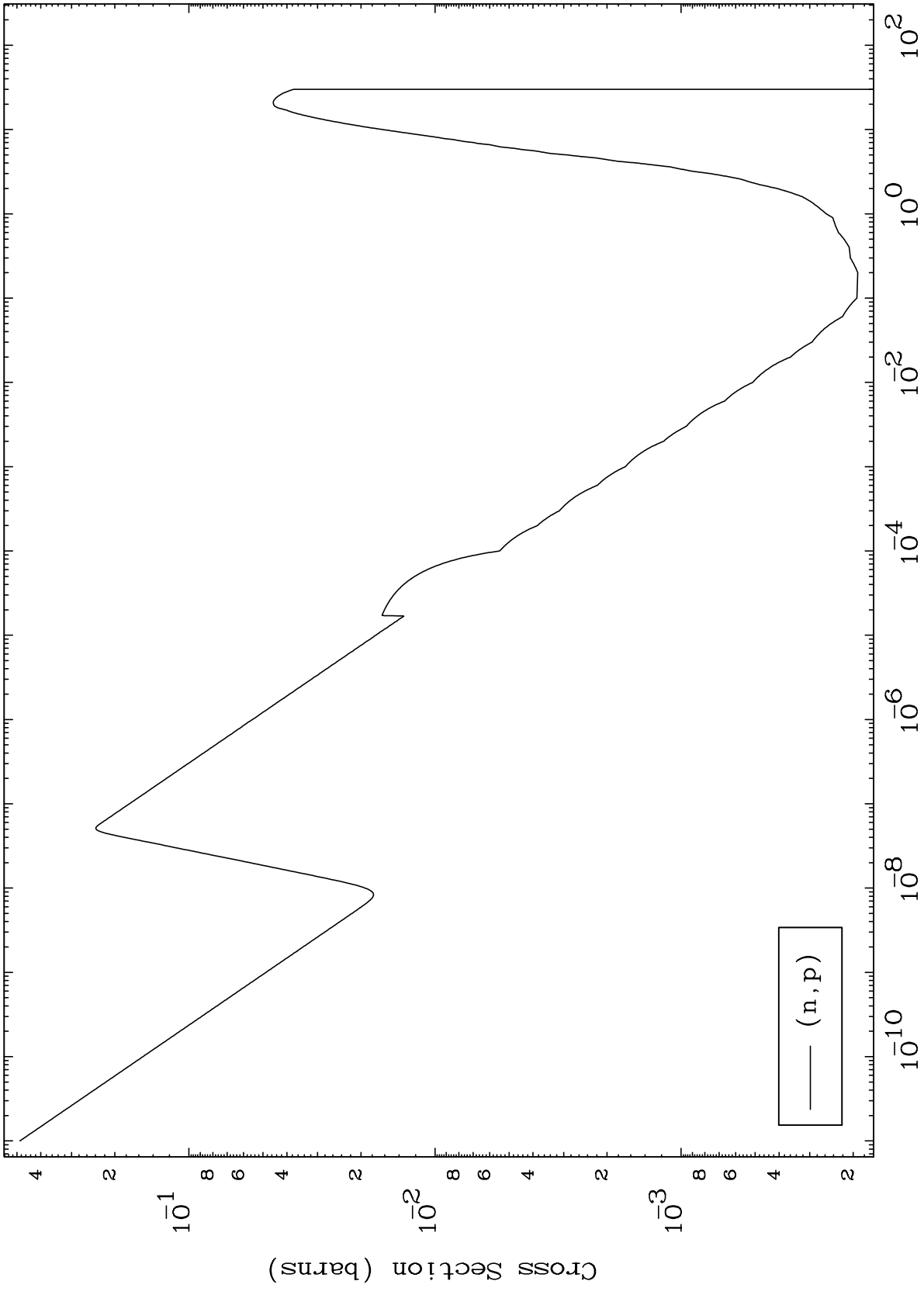
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-184



— (n, p)

10

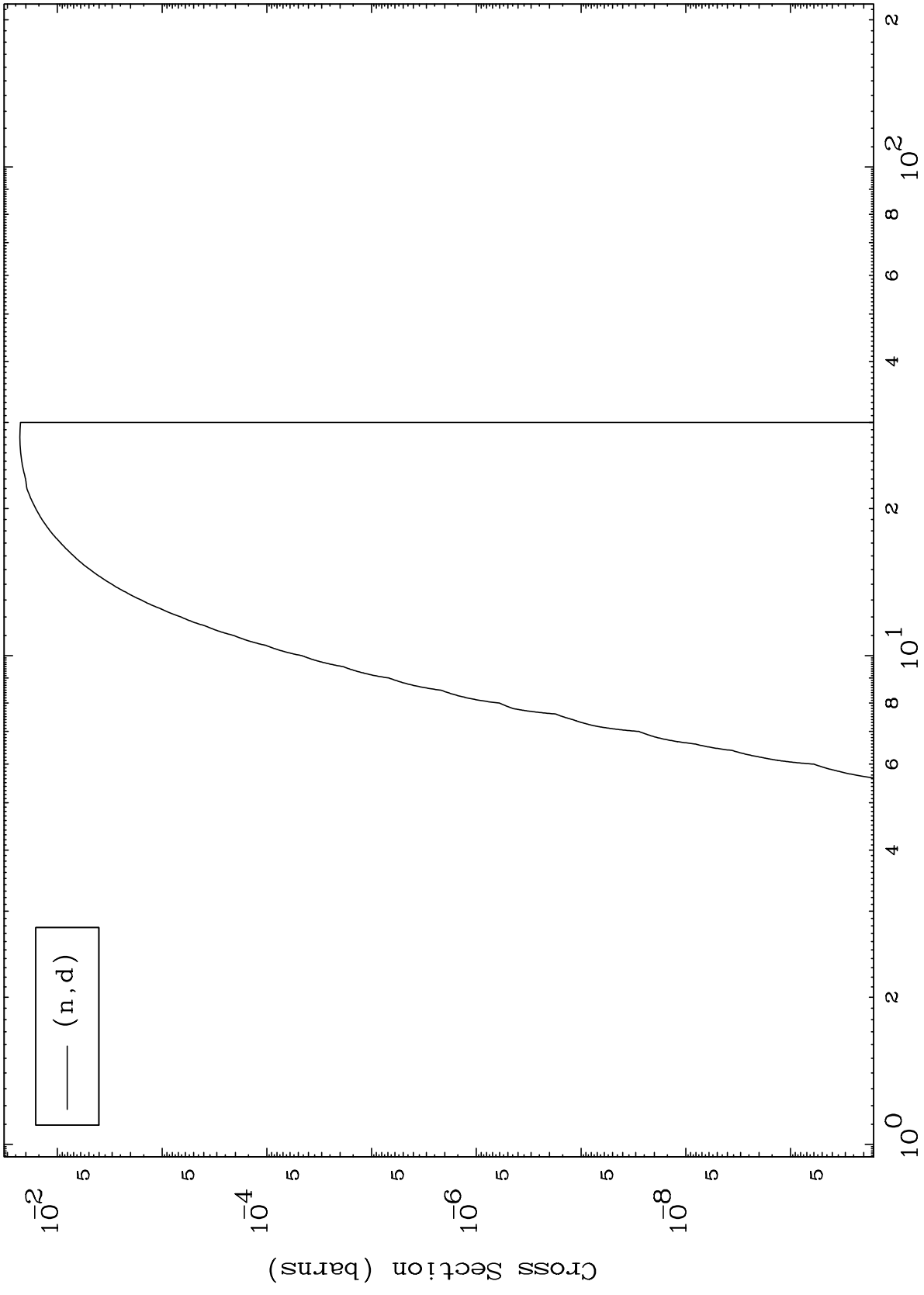
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-184



11

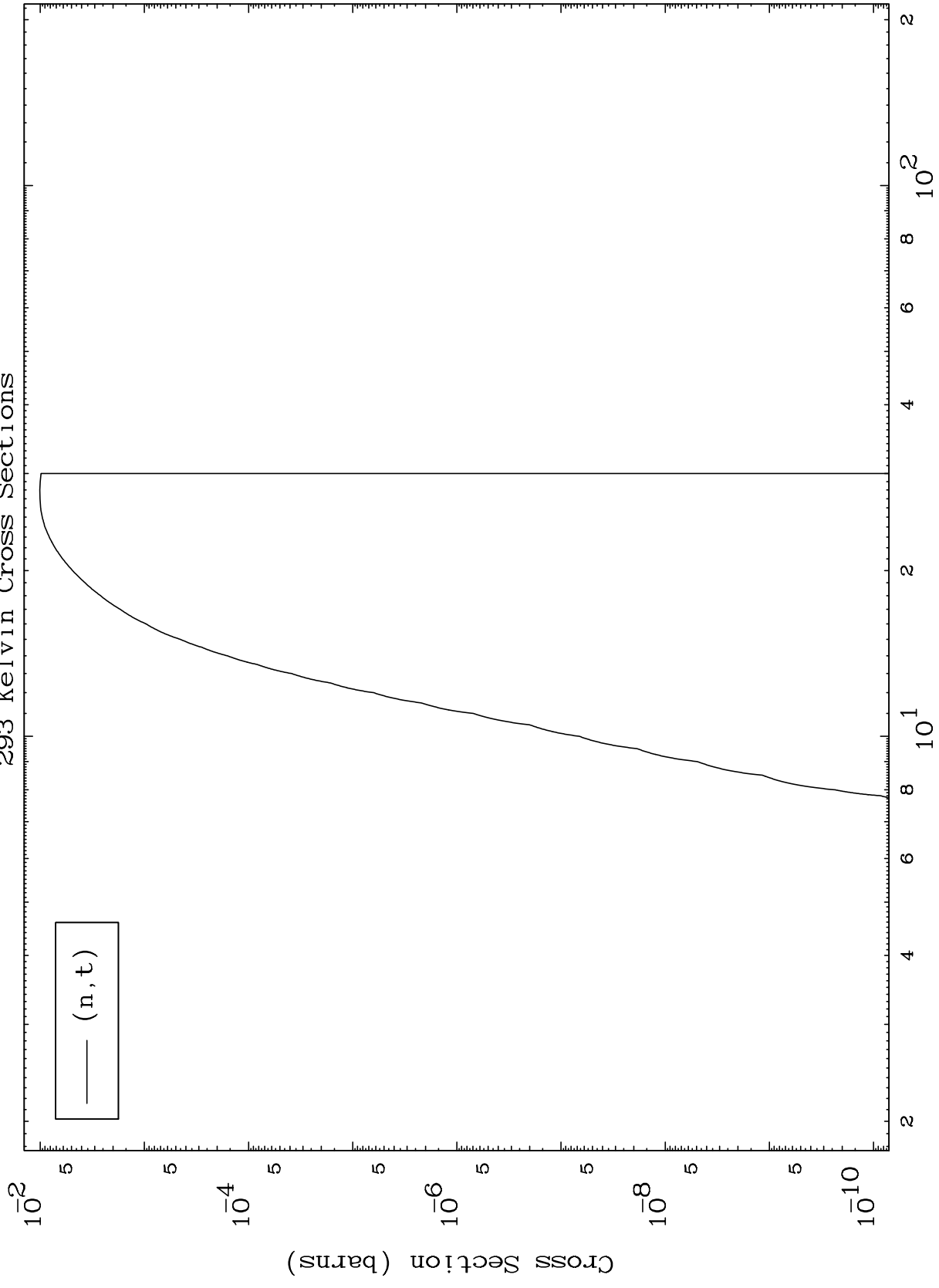
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-184



(n,t)

12

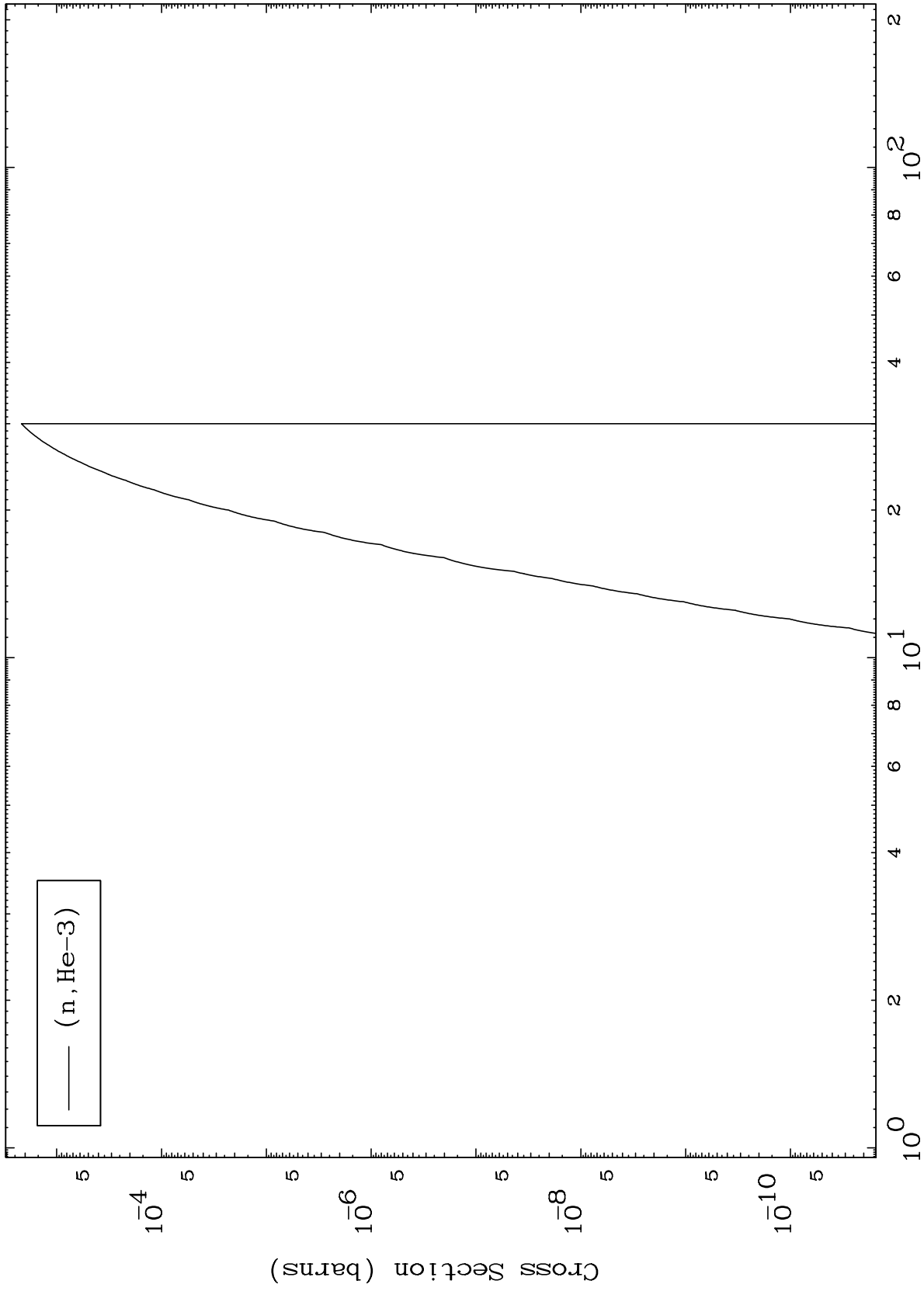
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,He3) Levels
293 Kelvin Cross Sections

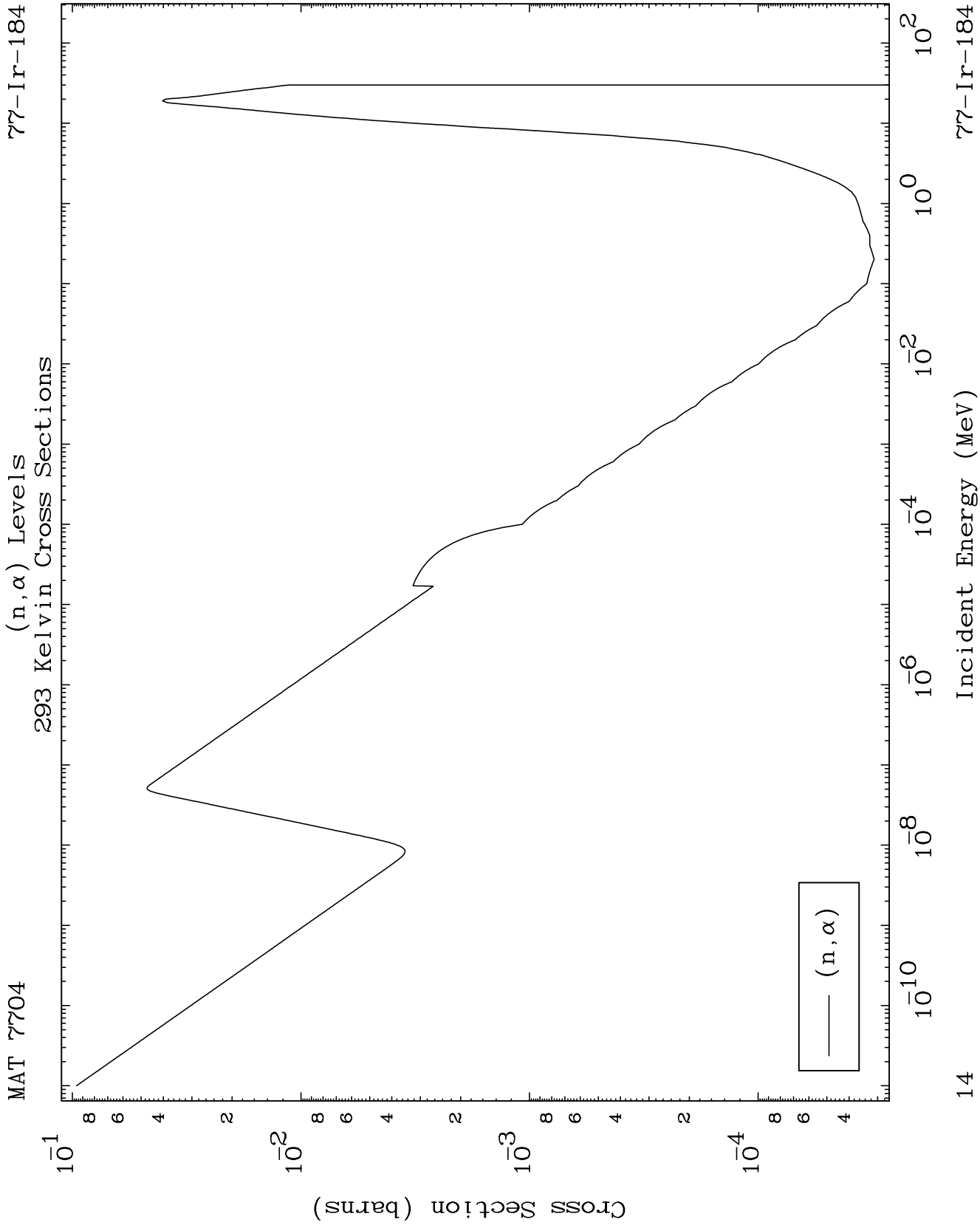
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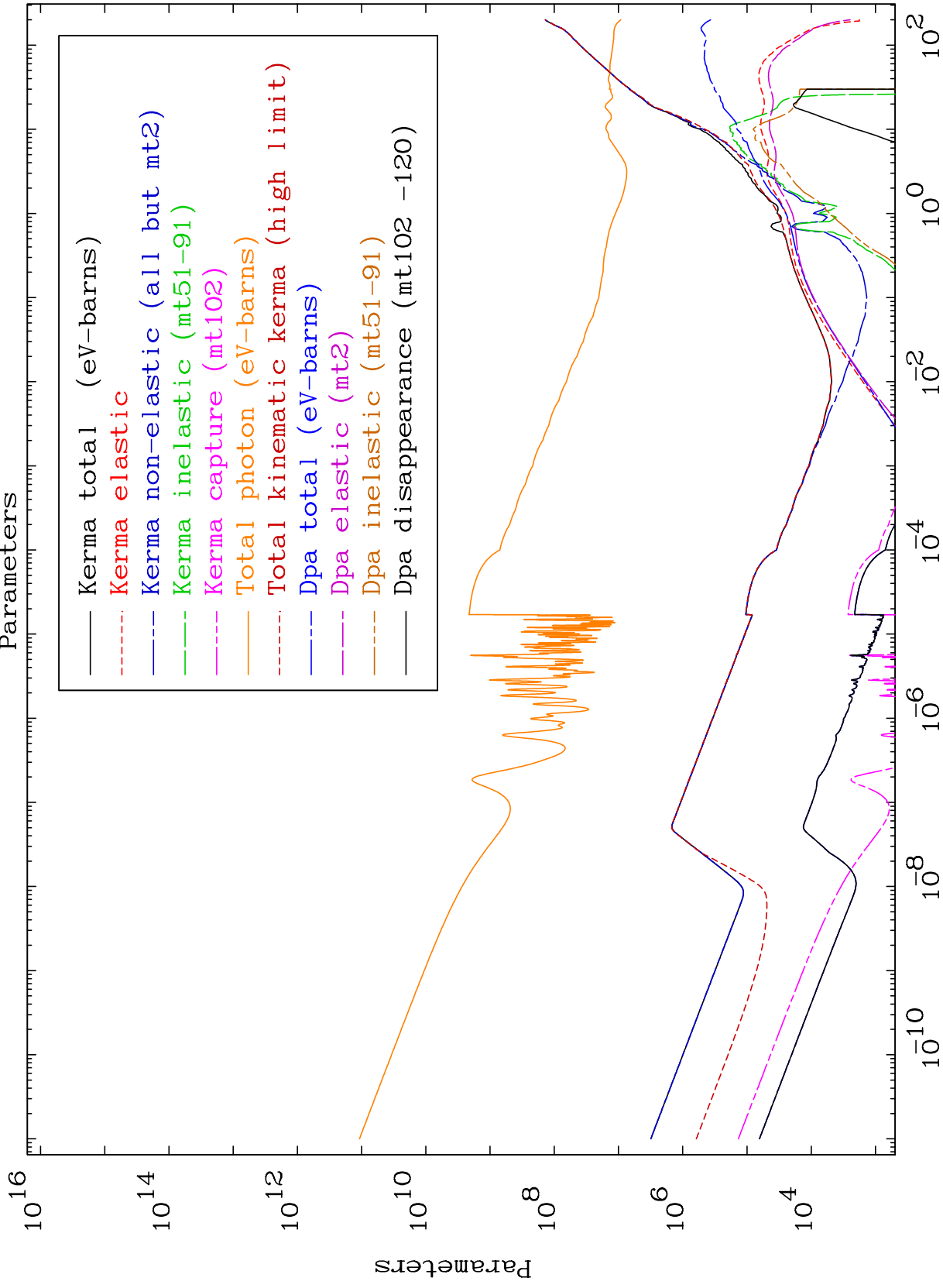


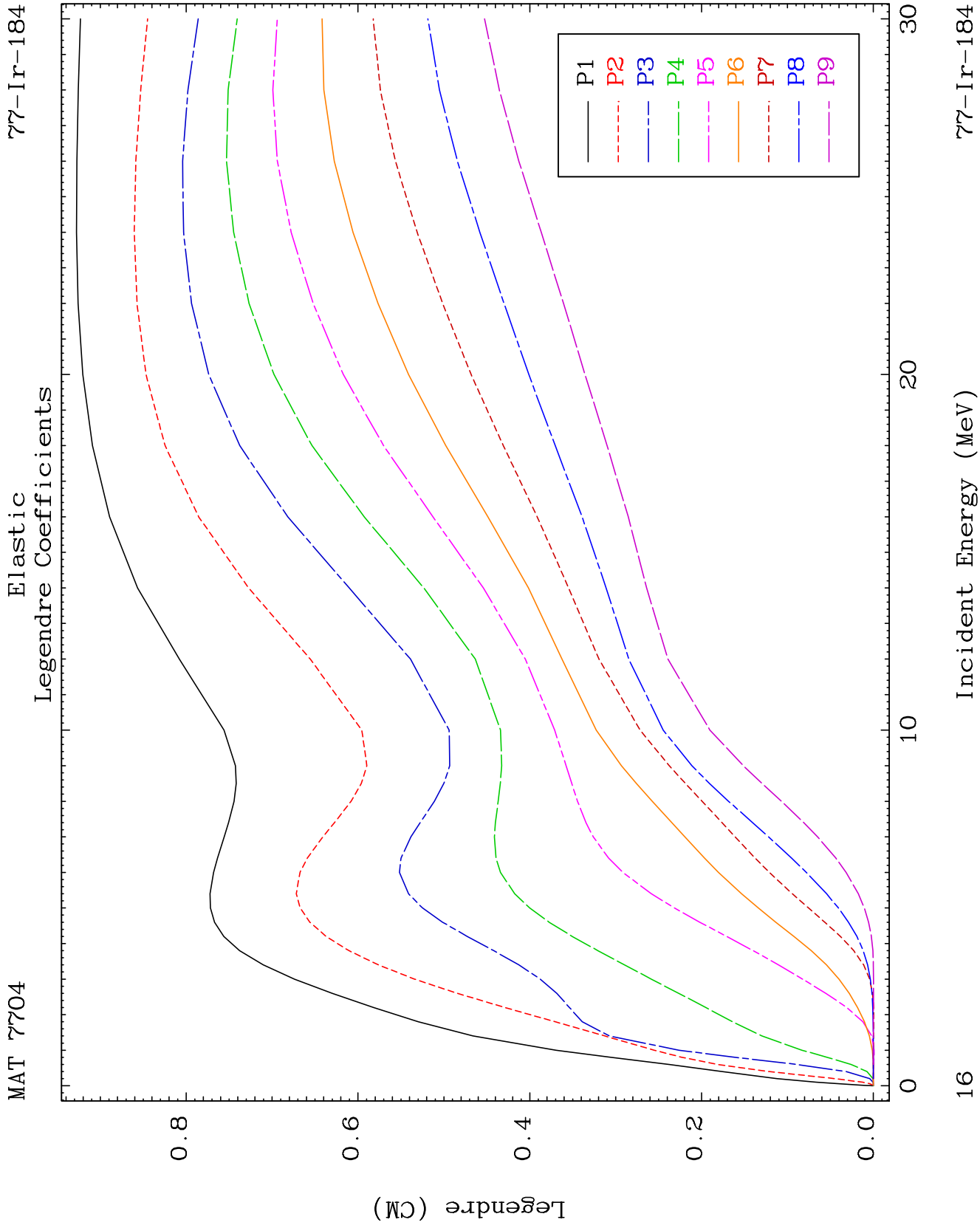
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Incident Energy (MeV)

77-Ir-184



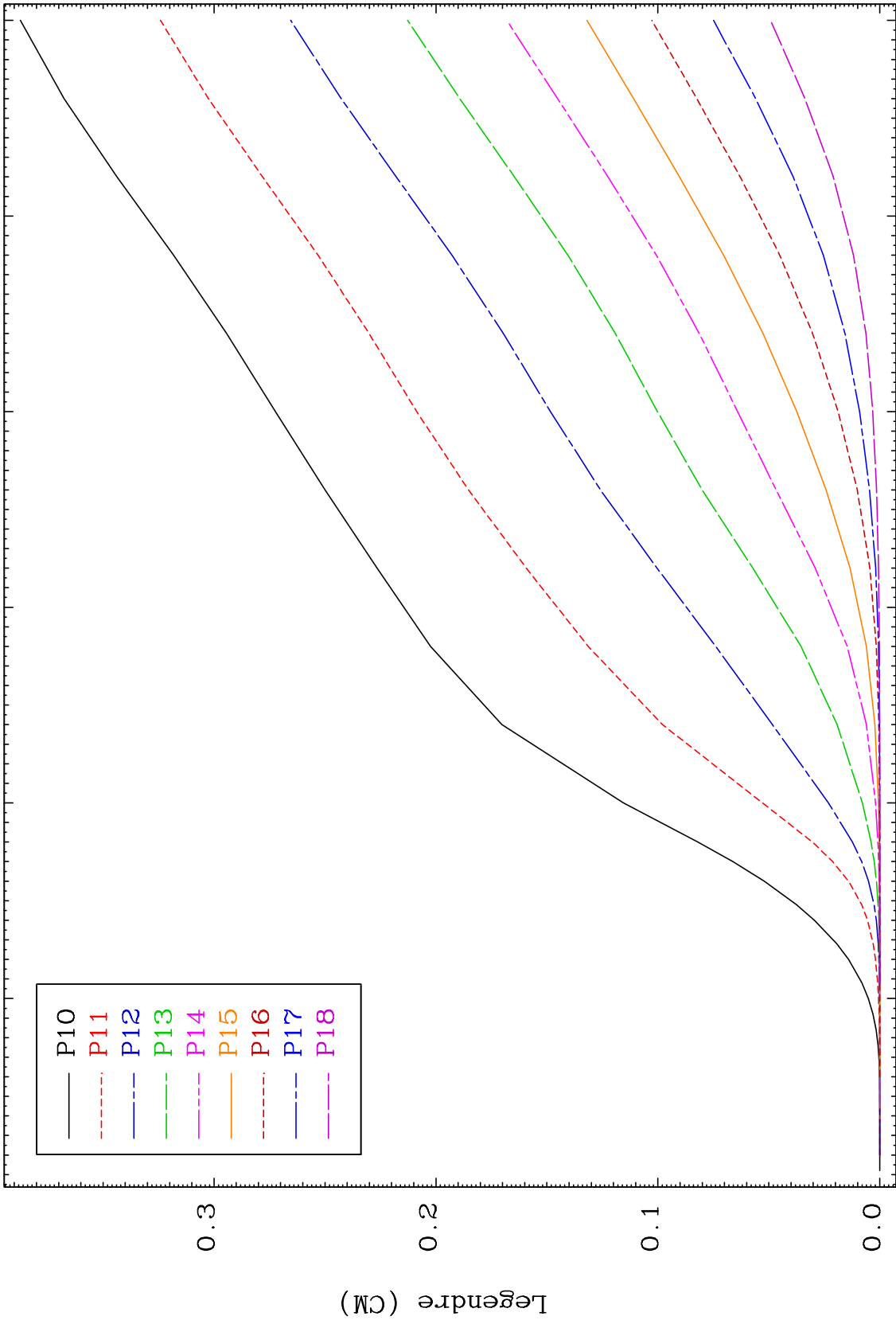




MAT 7704

Elastic Legendre Coefficients

77-Ir-184



17

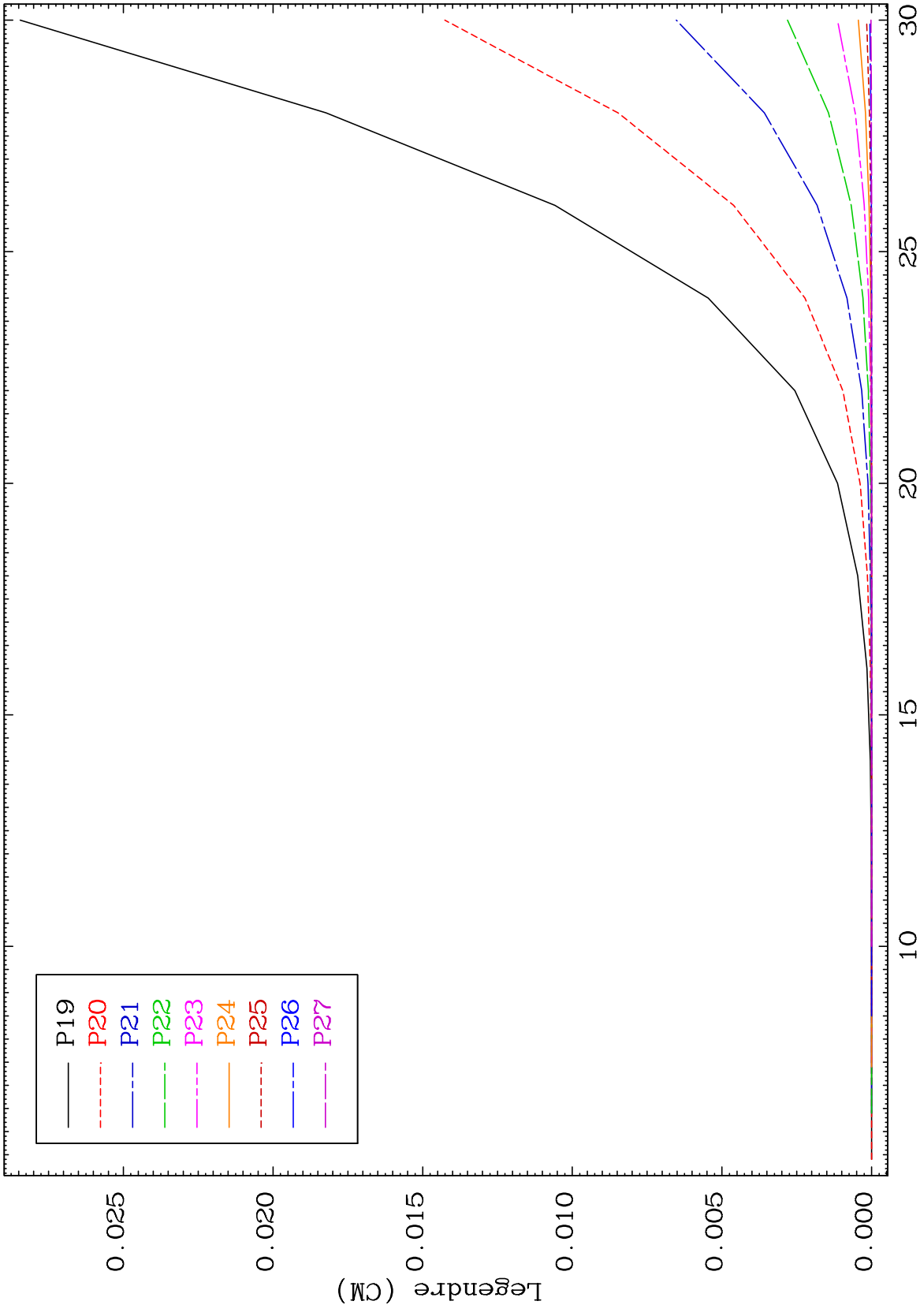
Incident Energy (MeV)

77-Ir-184

MAT 7704

Elastic Legendre Coefficients

77-Ir-184



18

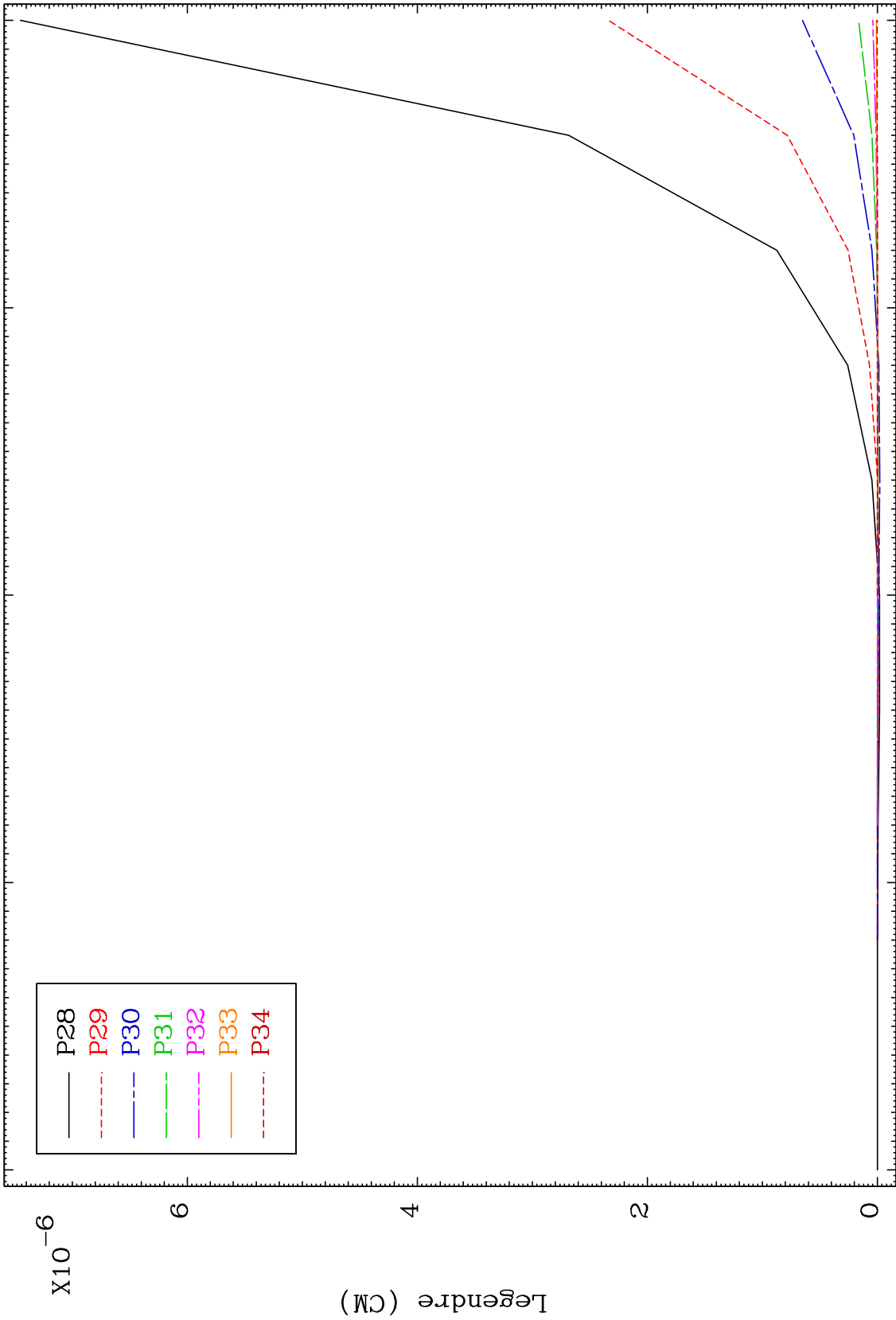
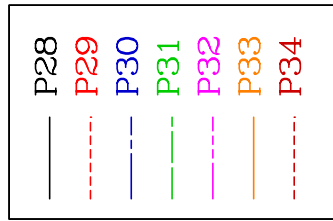
Incident Energy (MeV)

77-Ir-184

MAT 7704

Elastic Legendre Coefficients

77-Ir-184



19

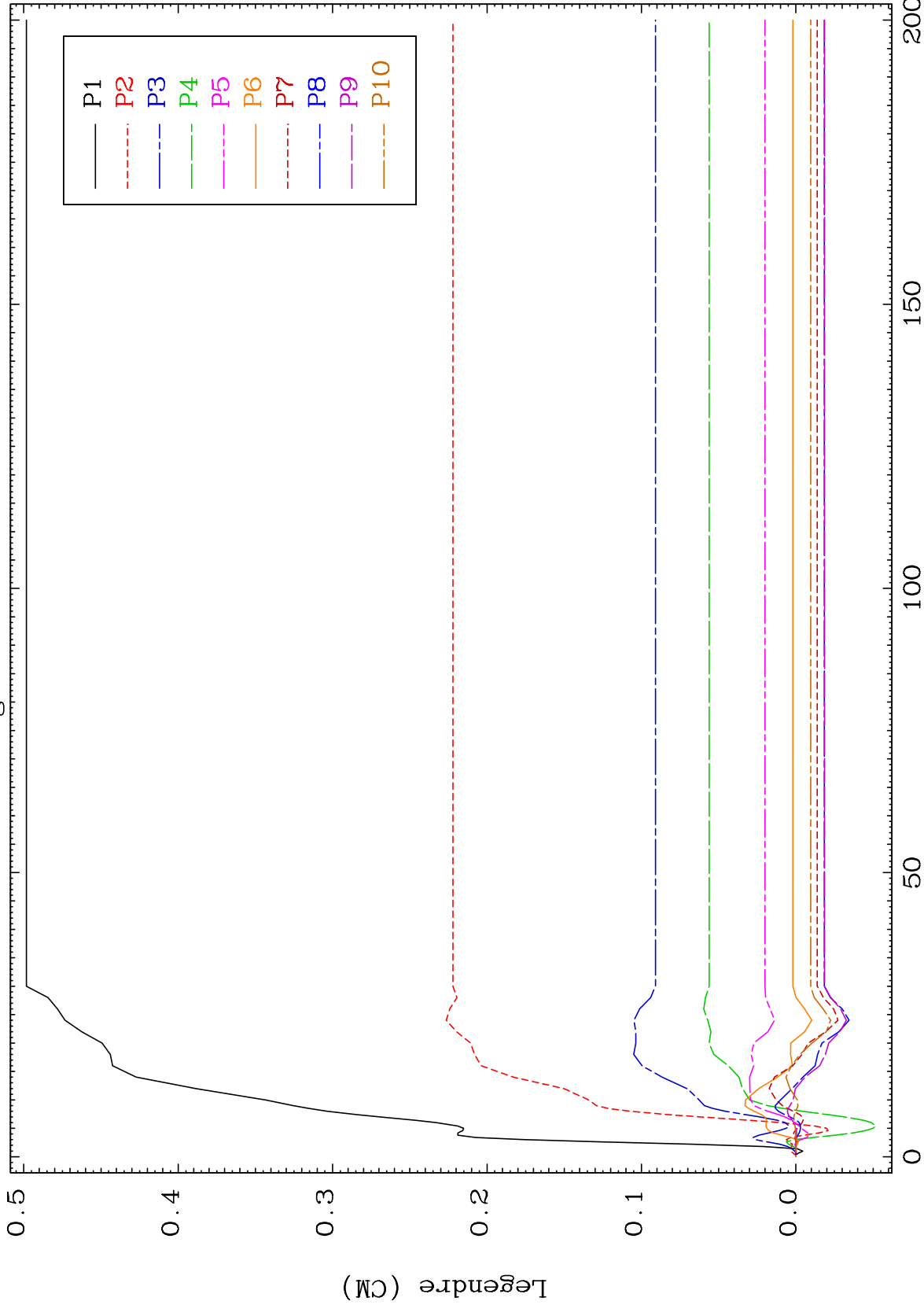
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



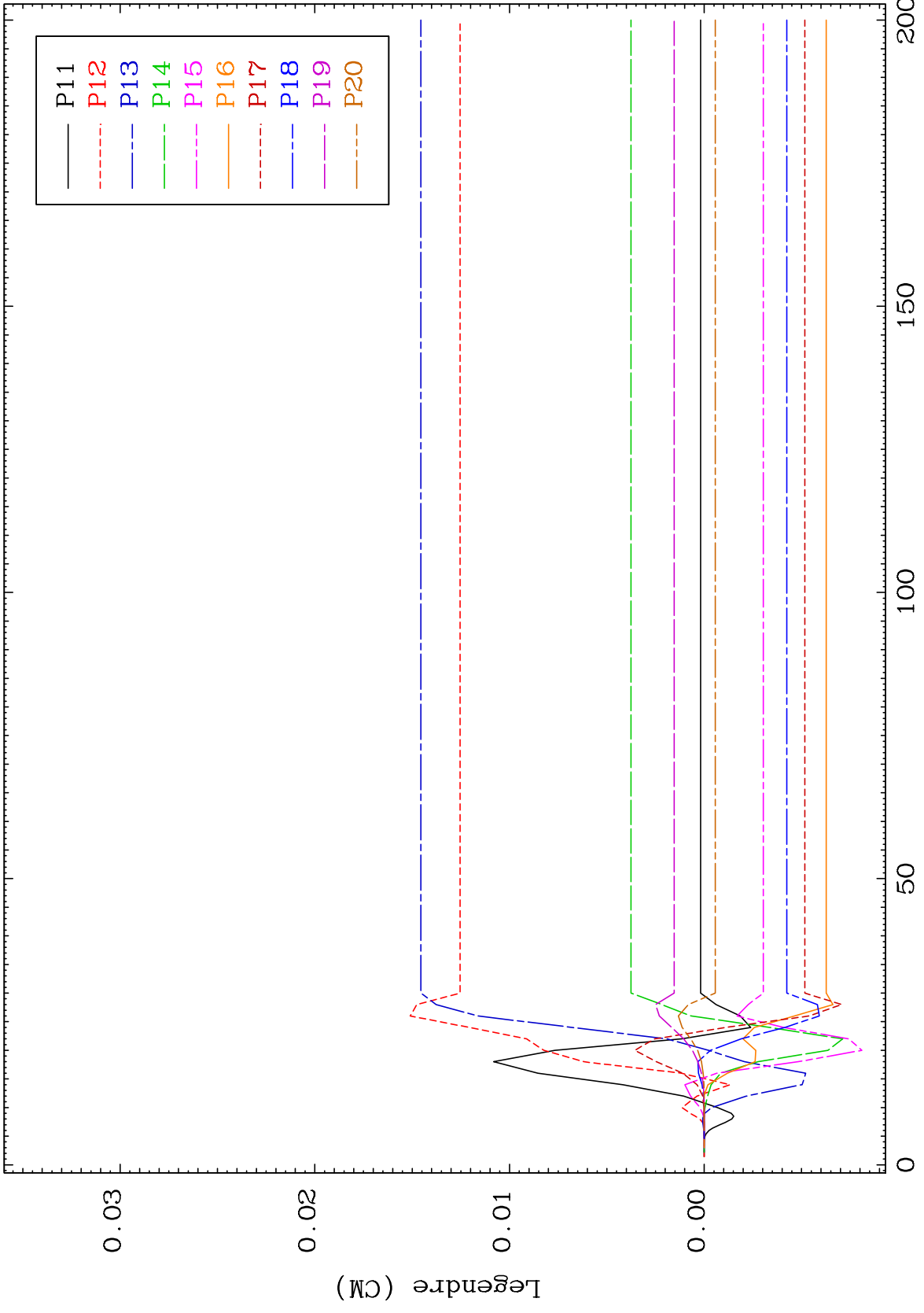
77-Ir-184

Incident Energy (MeV)

MAT 7704

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

77-Ir-184



21

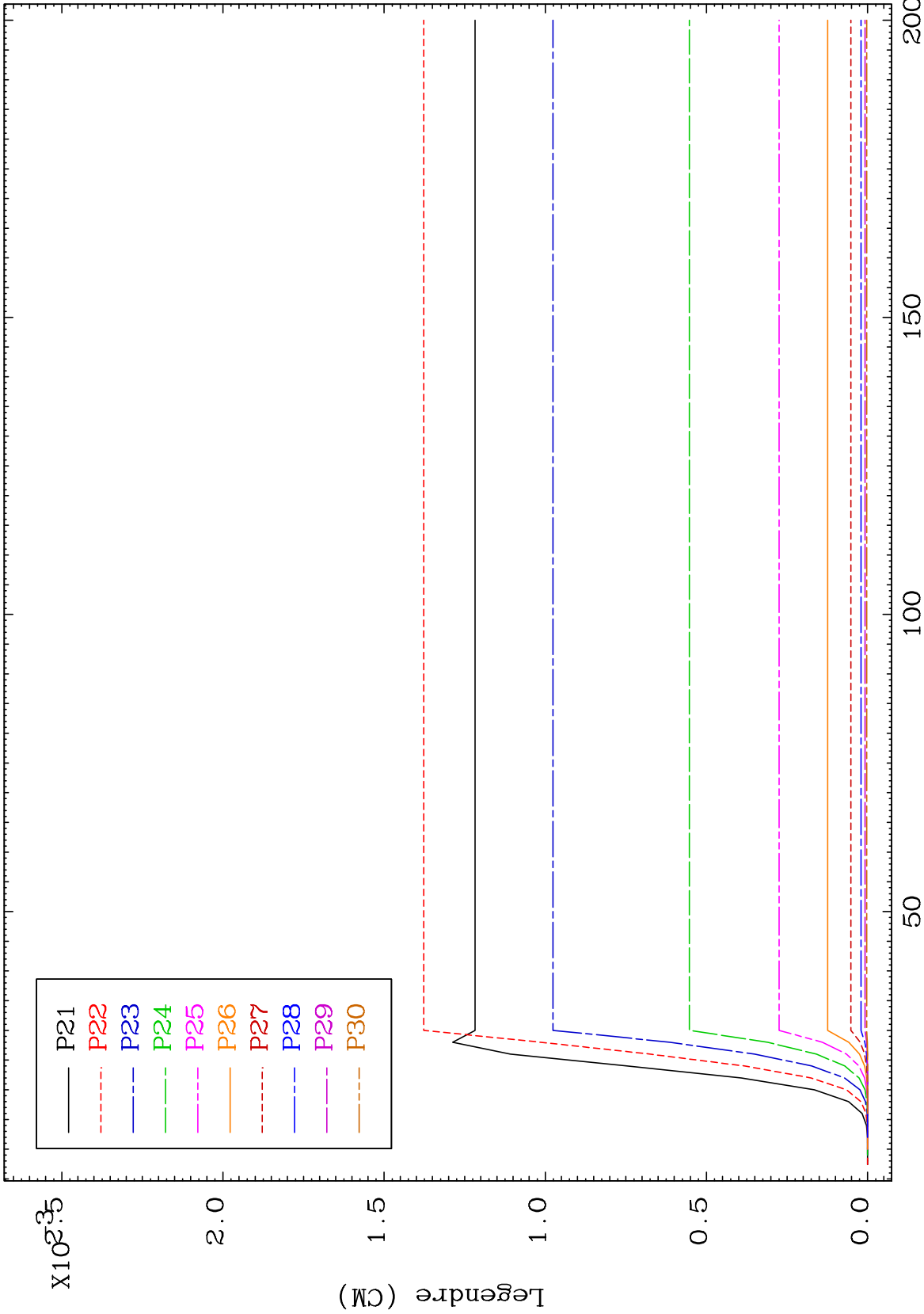
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



22

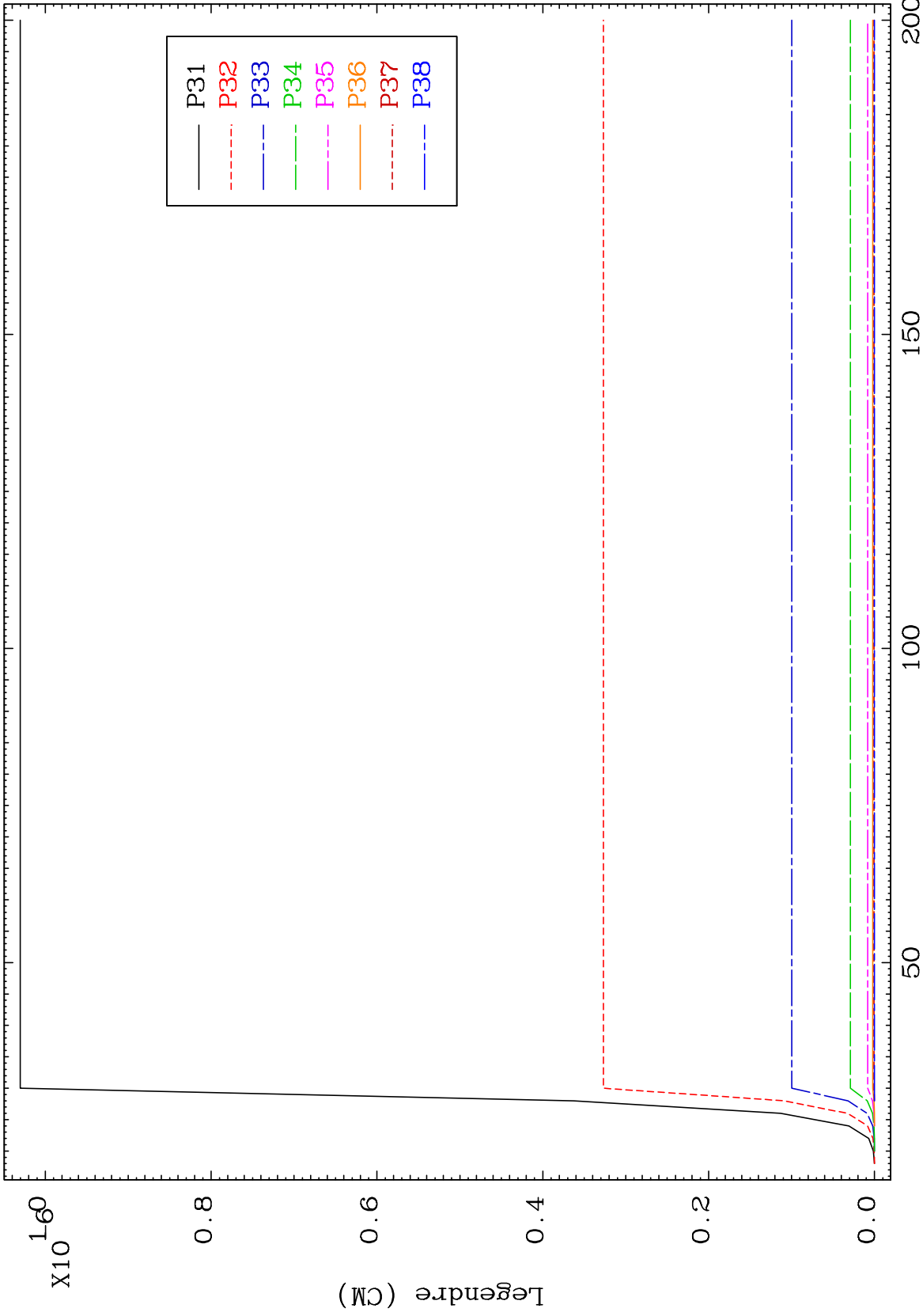
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



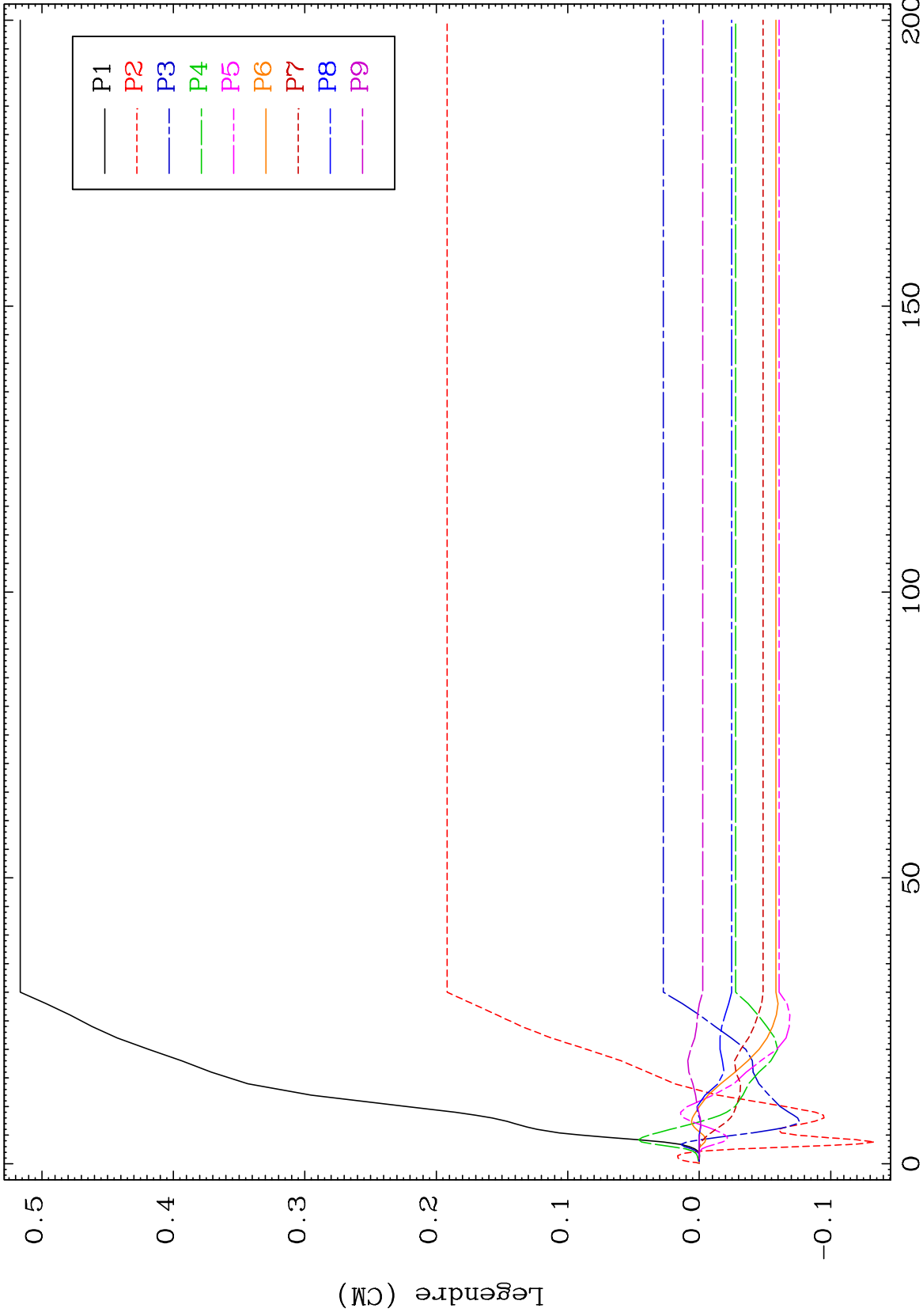
23

77-Ir-184

MAT 7704

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

77-Ir-184



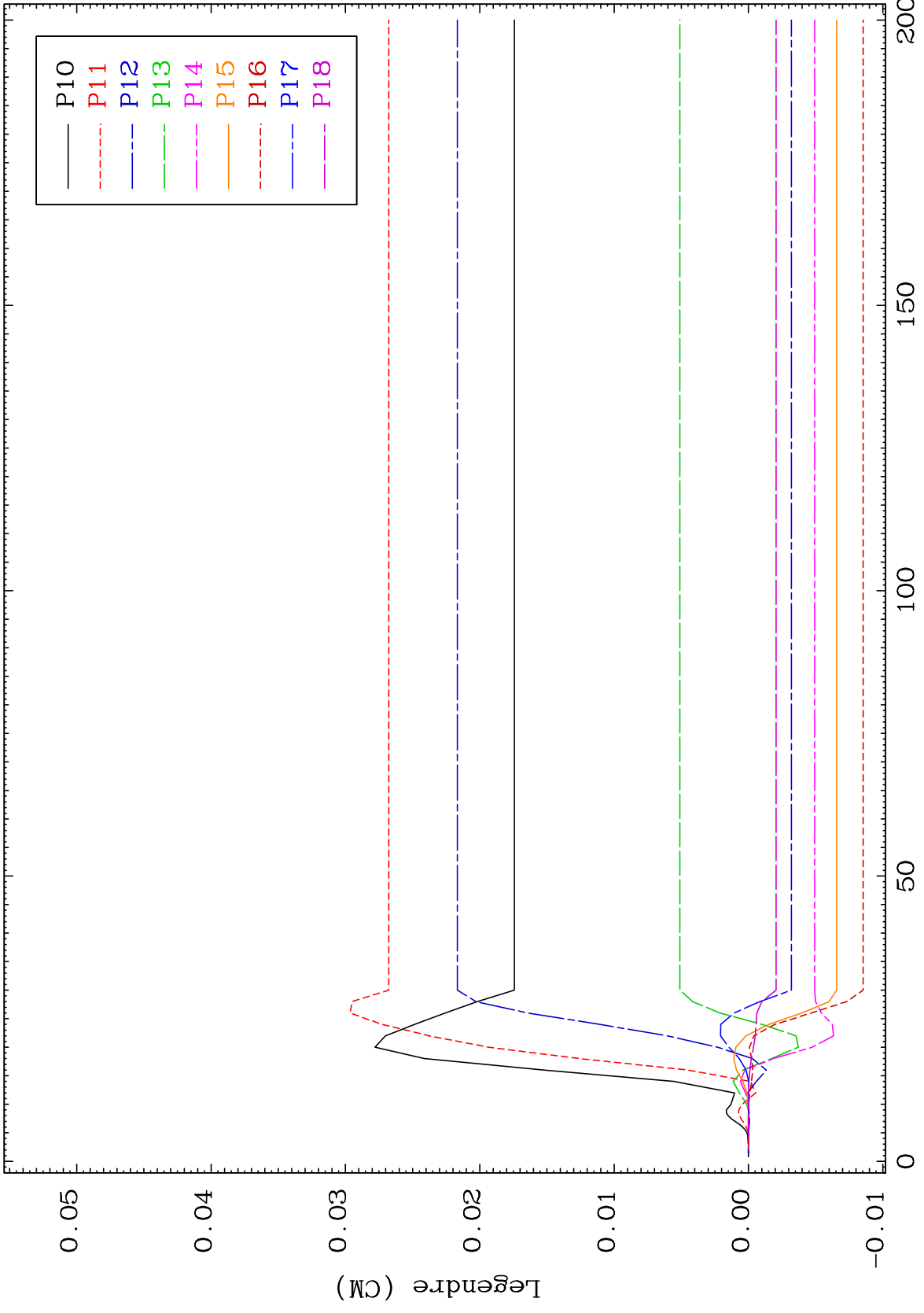
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77-Ir-184

MAT 7704

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

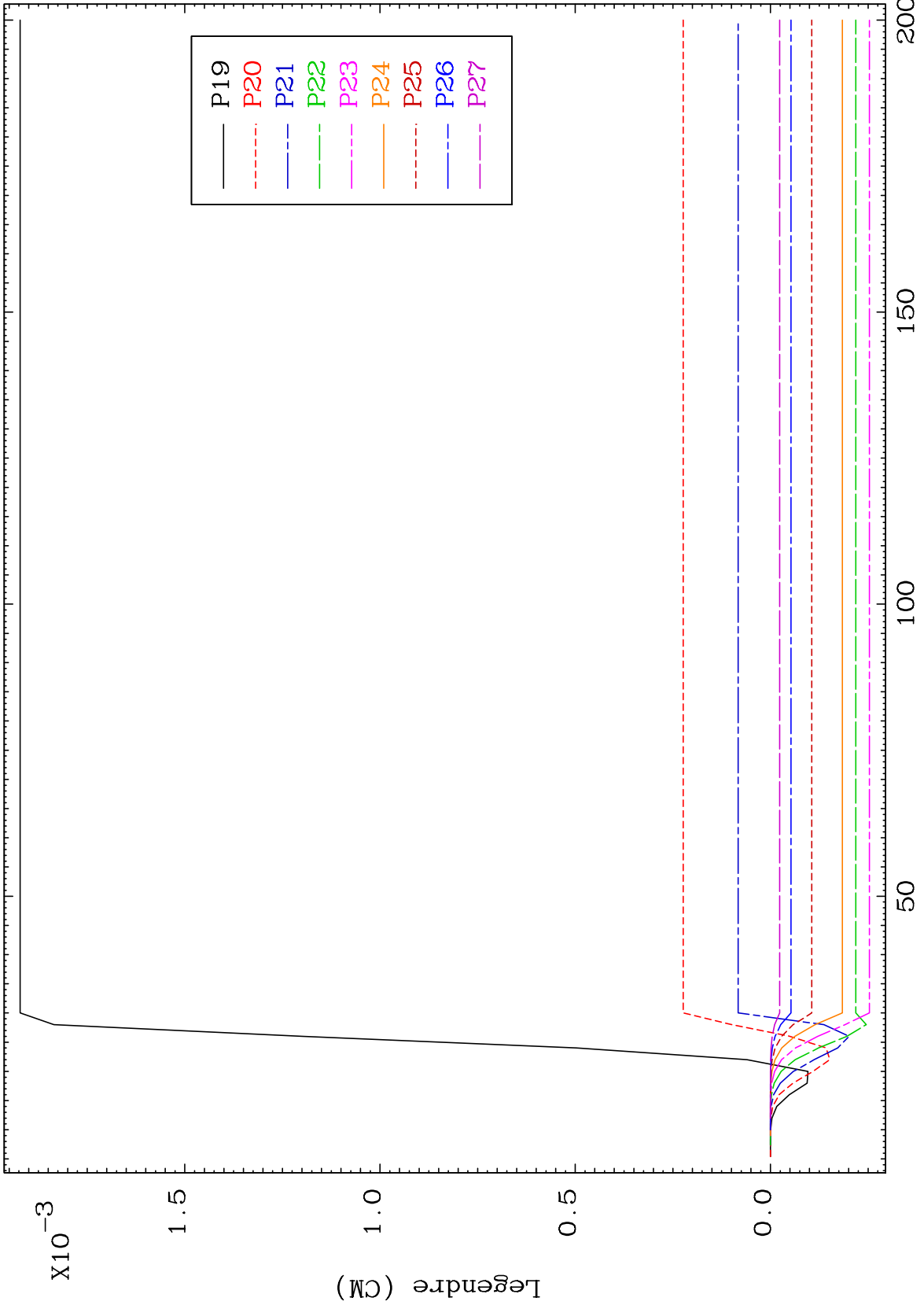
77-Ir-184



77-Ir-184

Incident Energy (MeV)

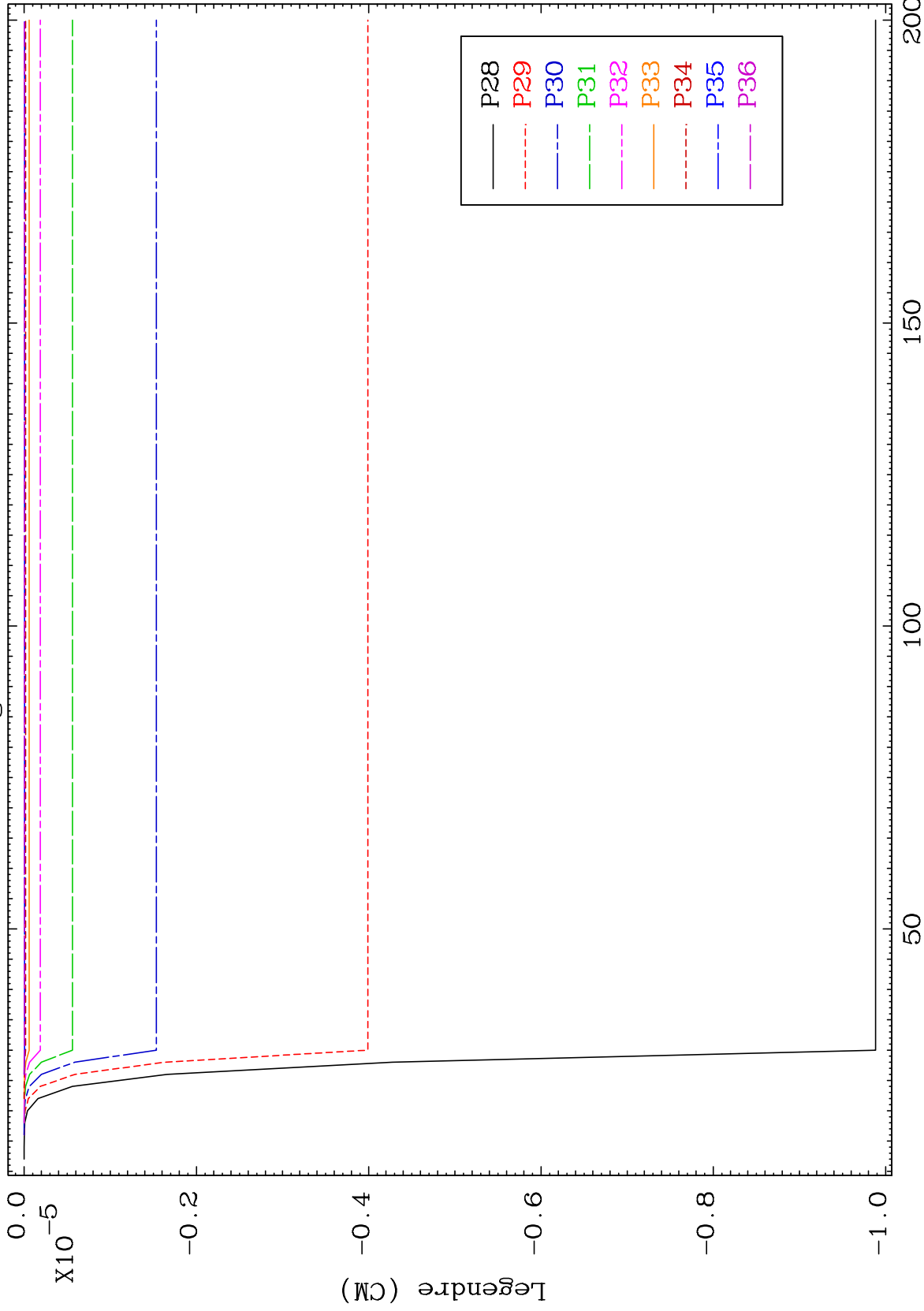
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MAT 7704

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

77-Ir-184



27

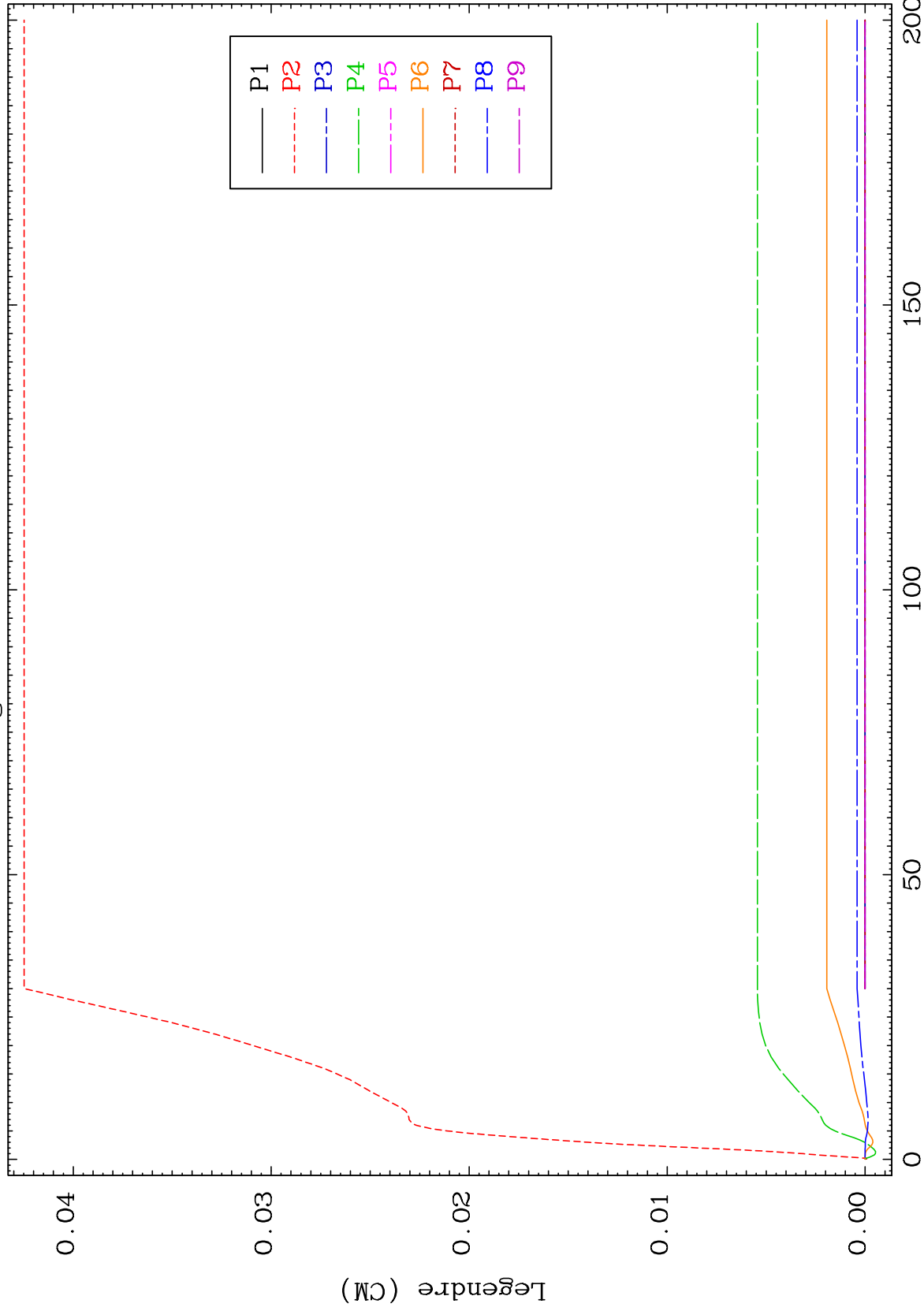
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

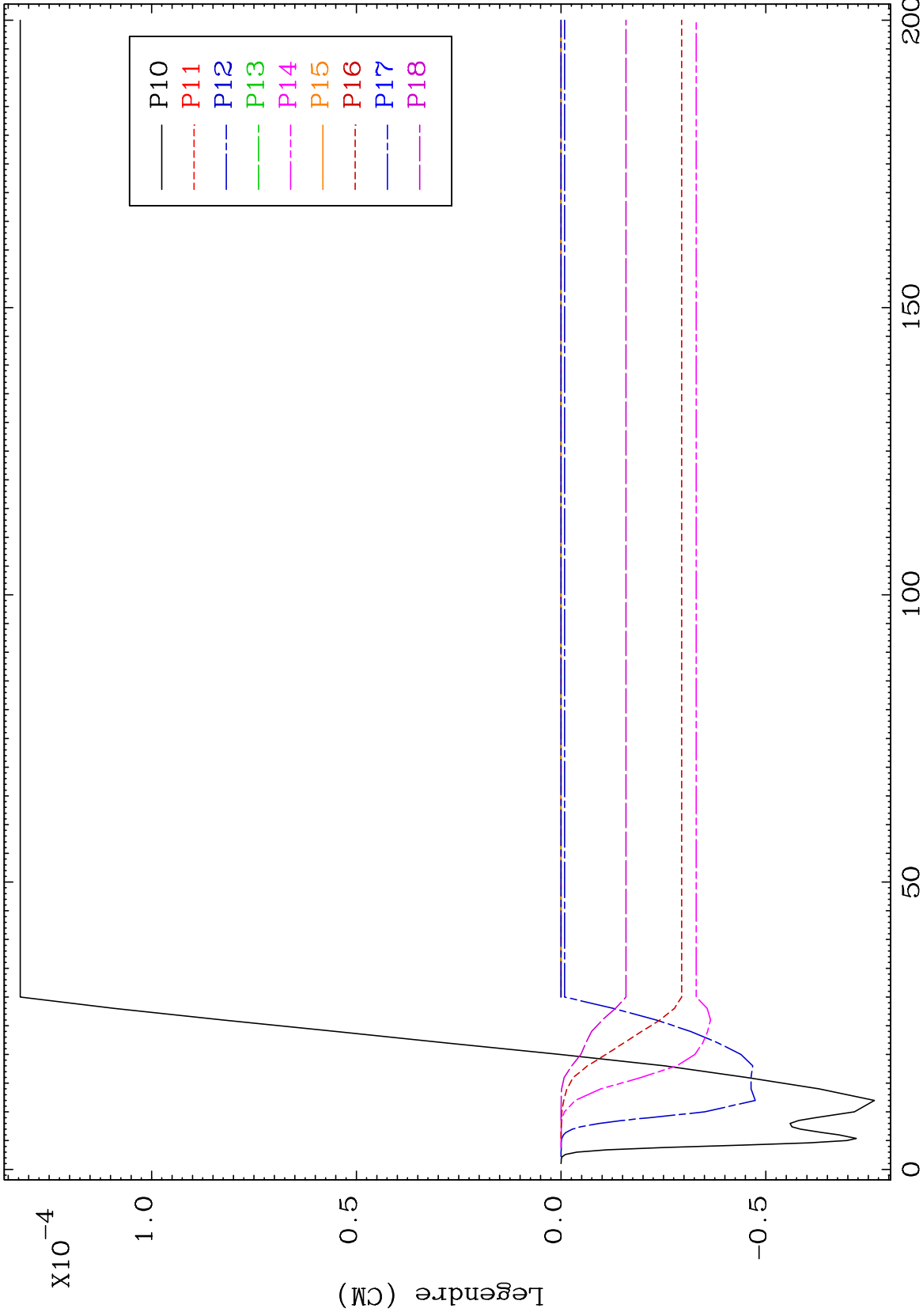
77-Ir-184



28

Incident Energy (MeV)

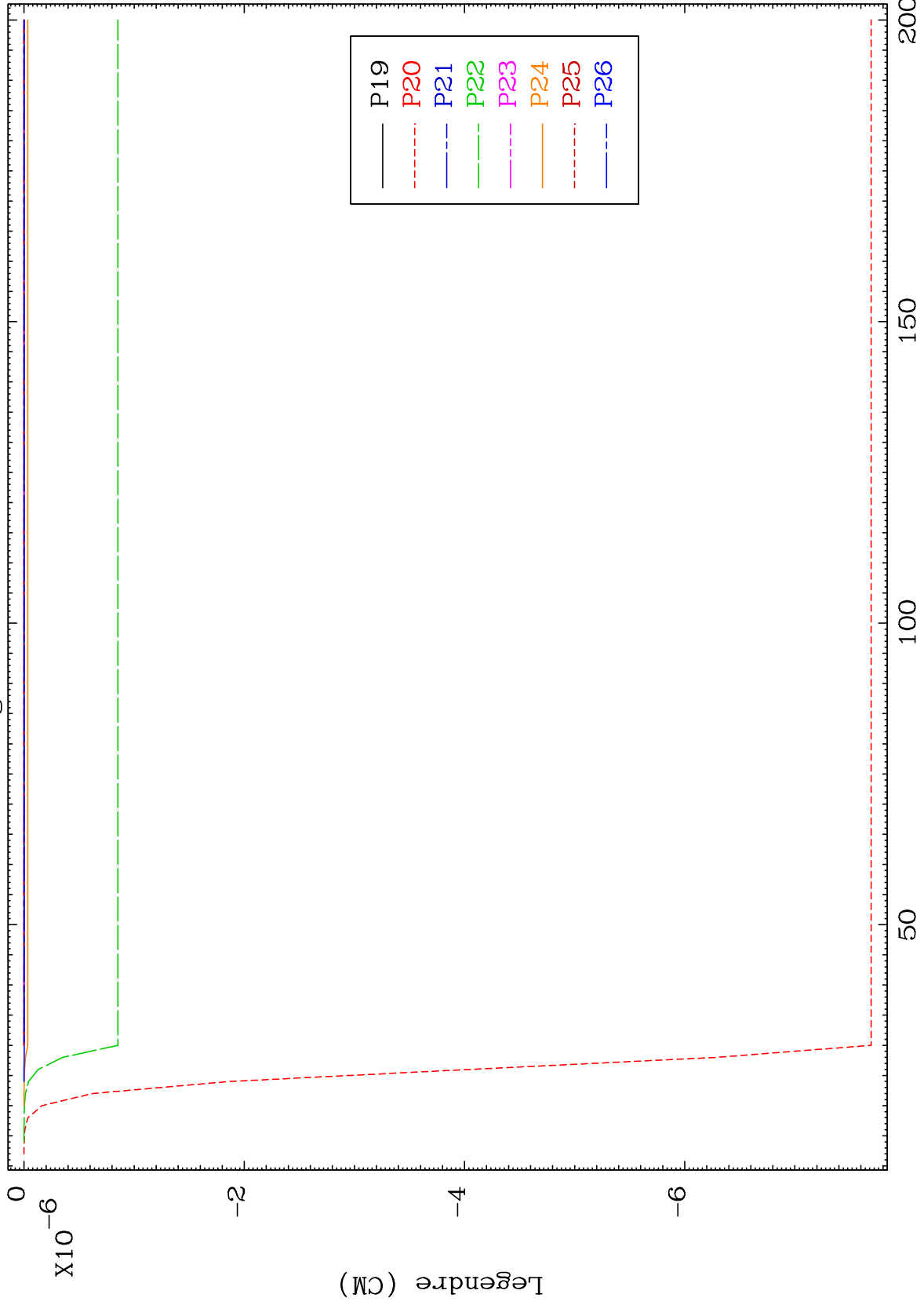
77-Ir-184



MAT 7704

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

77-Ir-184



77-Ir-184

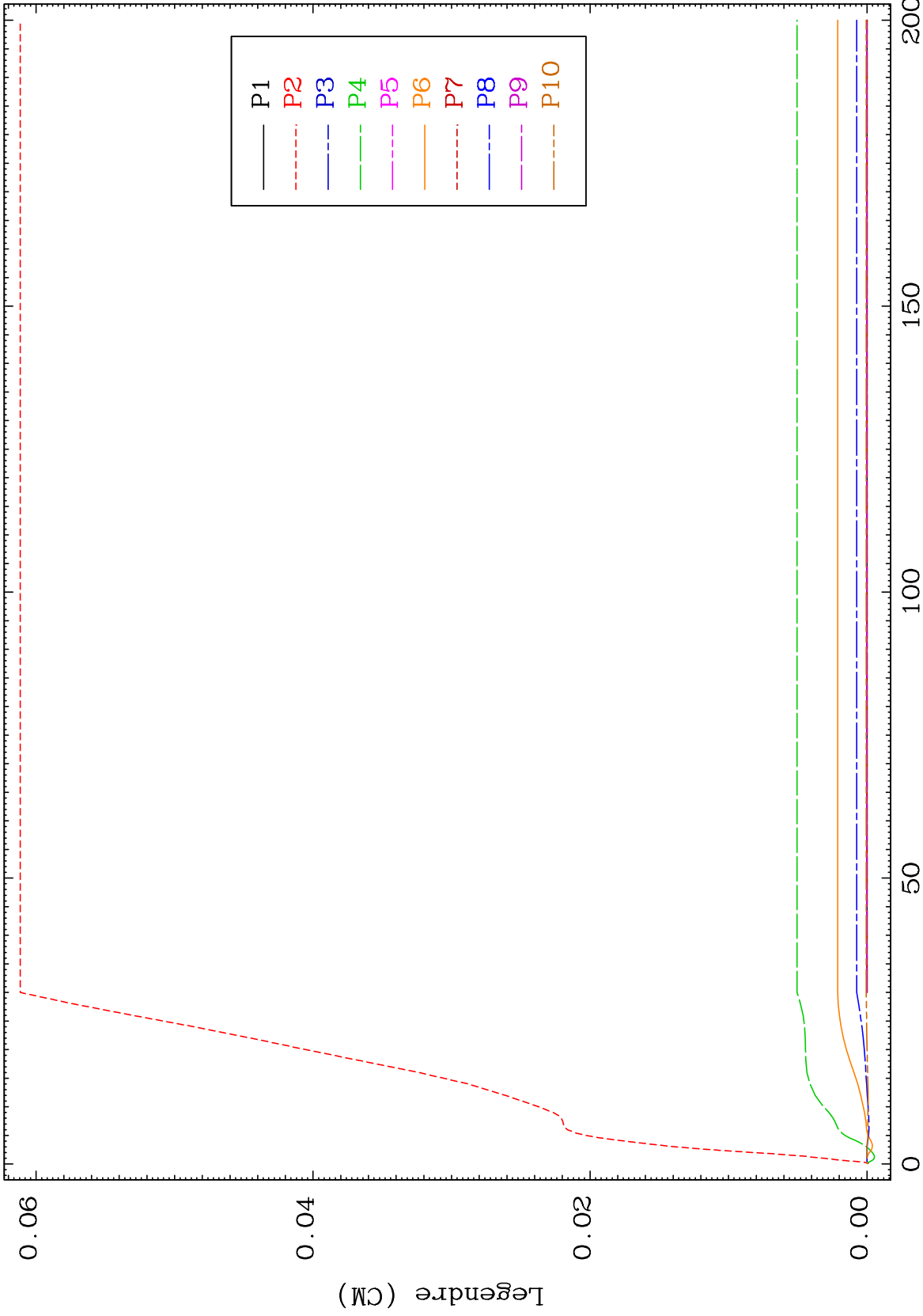
Incident Energy (MeV)

30

MAT 7704

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

77-Ir-184



31

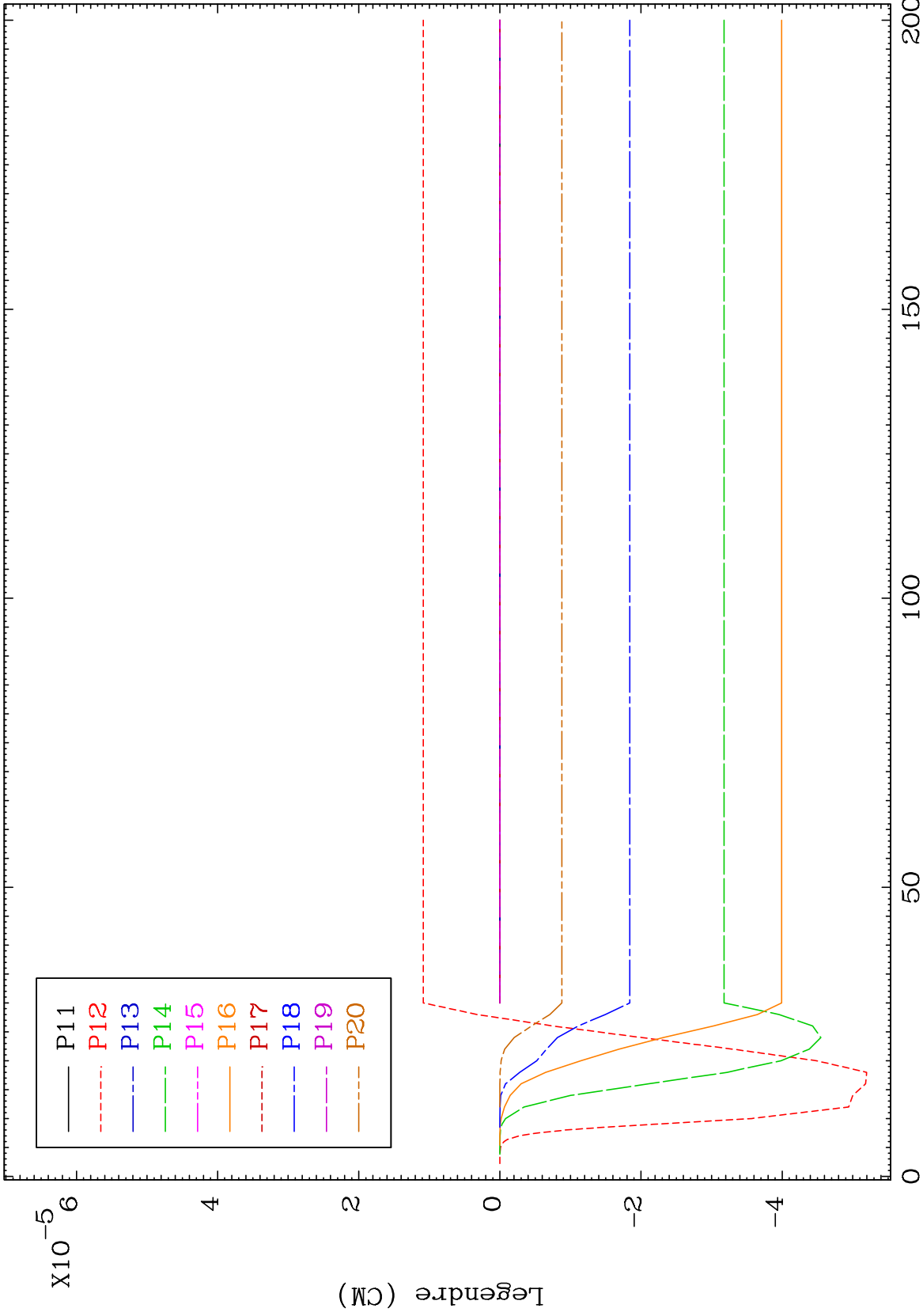
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



32

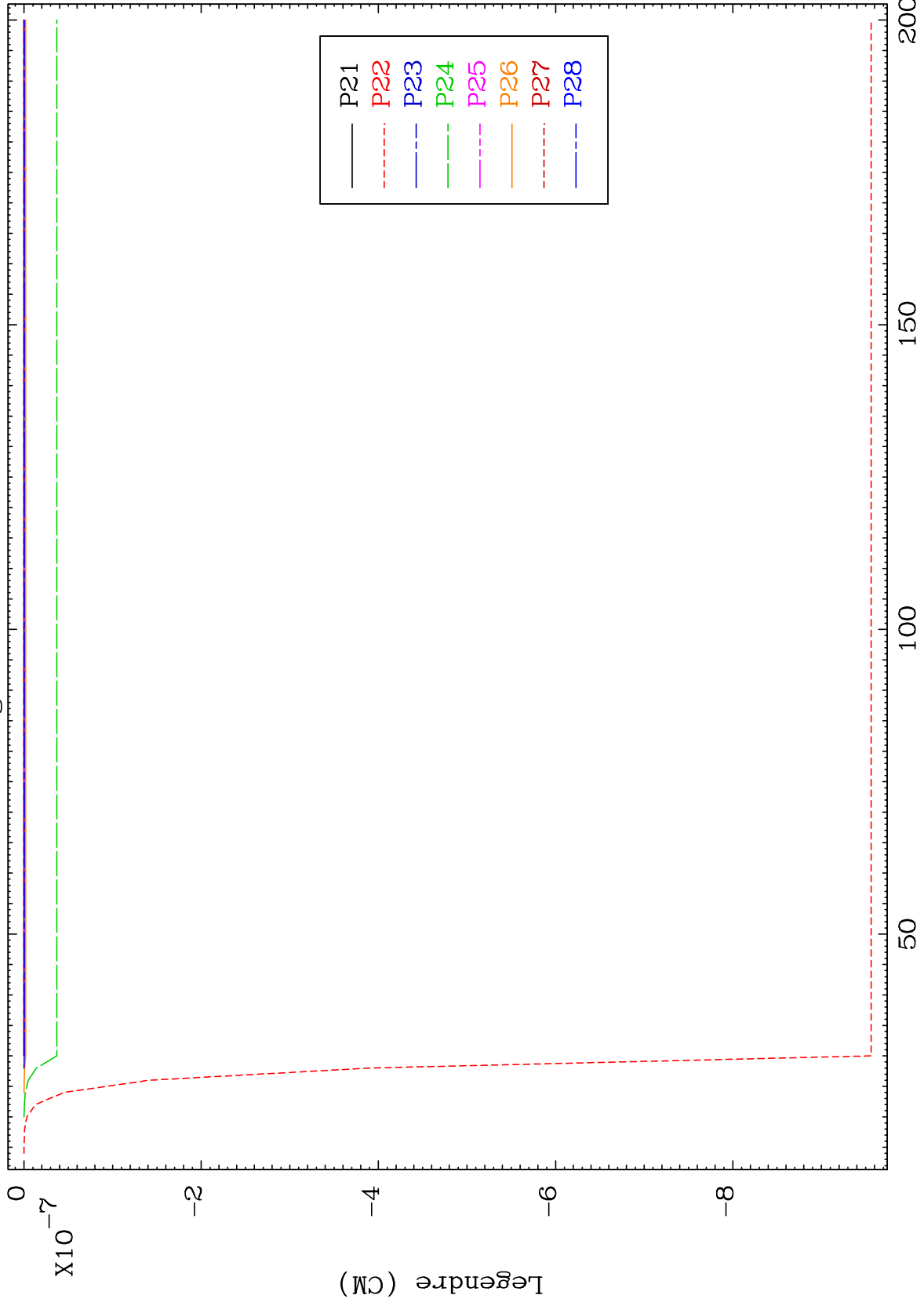
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



77-Ir-184

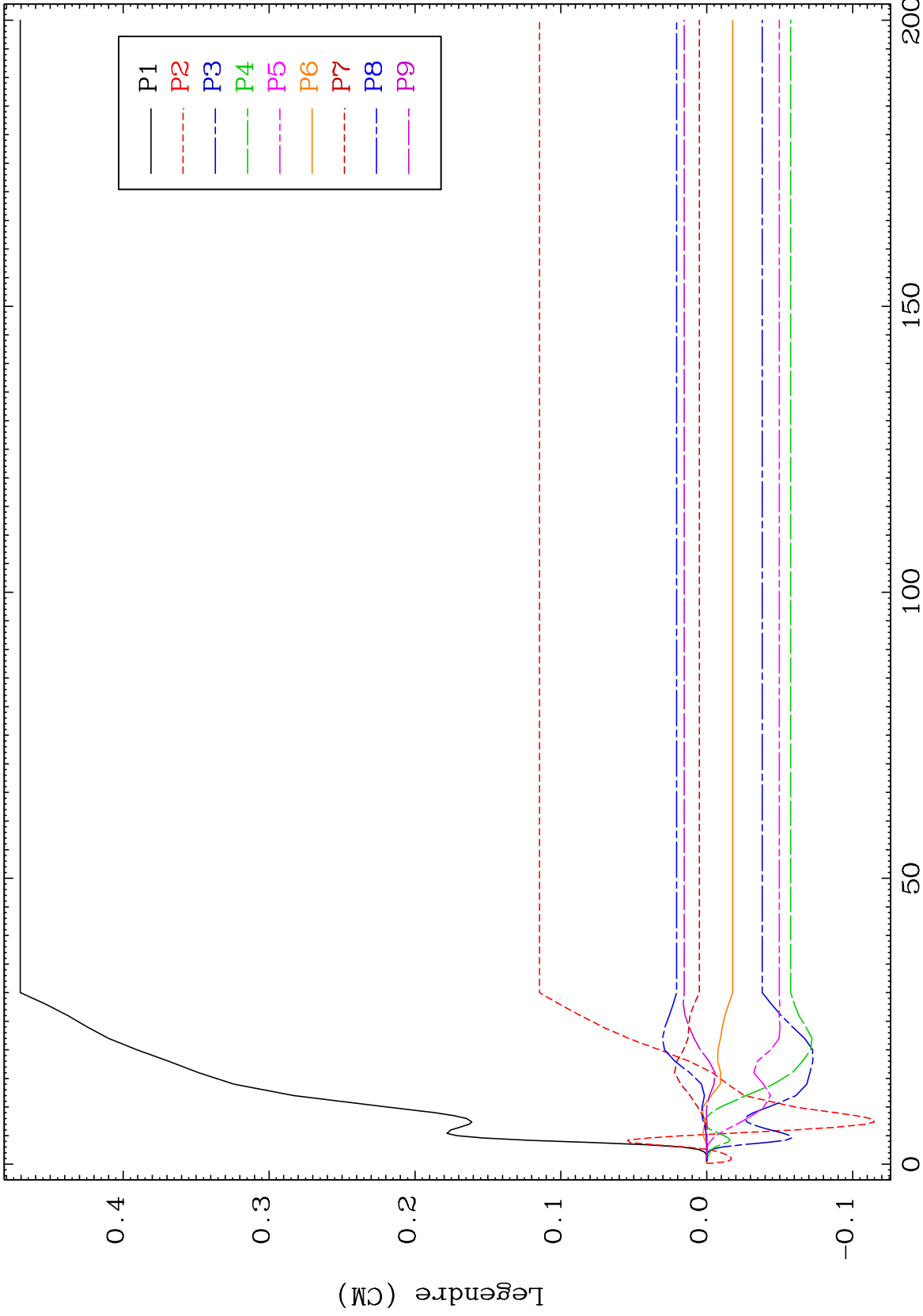
Incident Energy (MeV)

33

MAT 7704

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

77-Ir-184



34

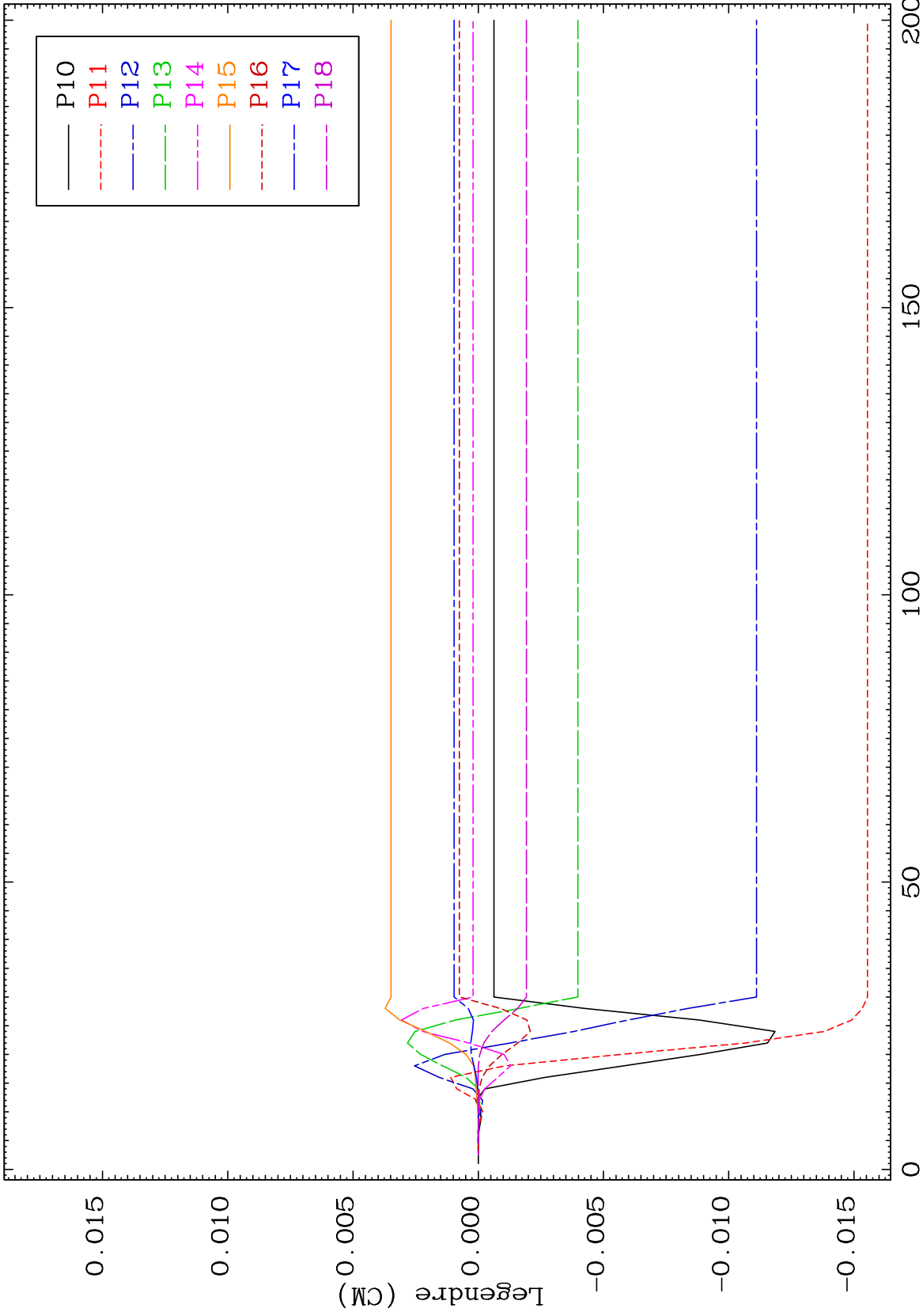
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



35

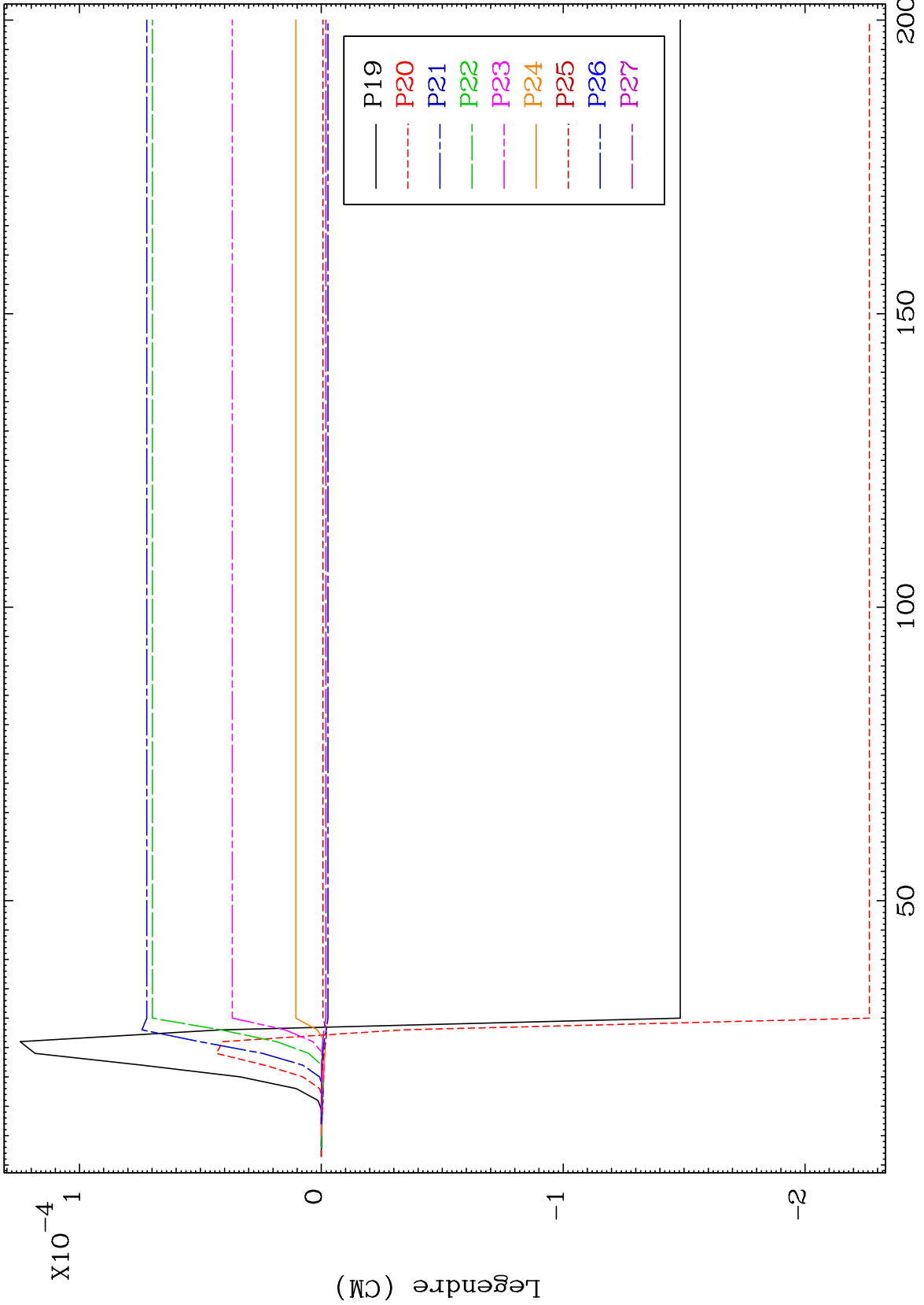
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



36

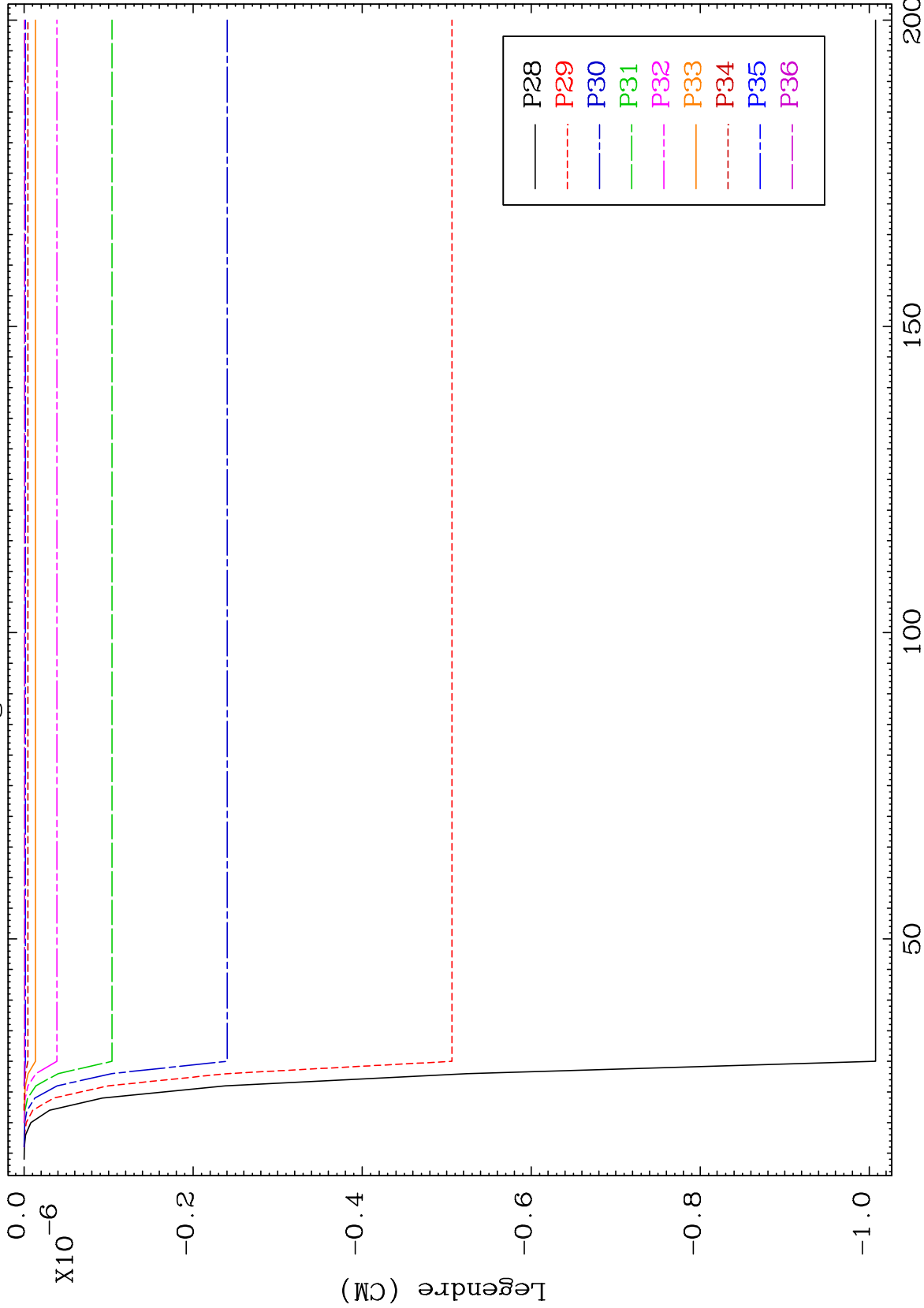
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



37

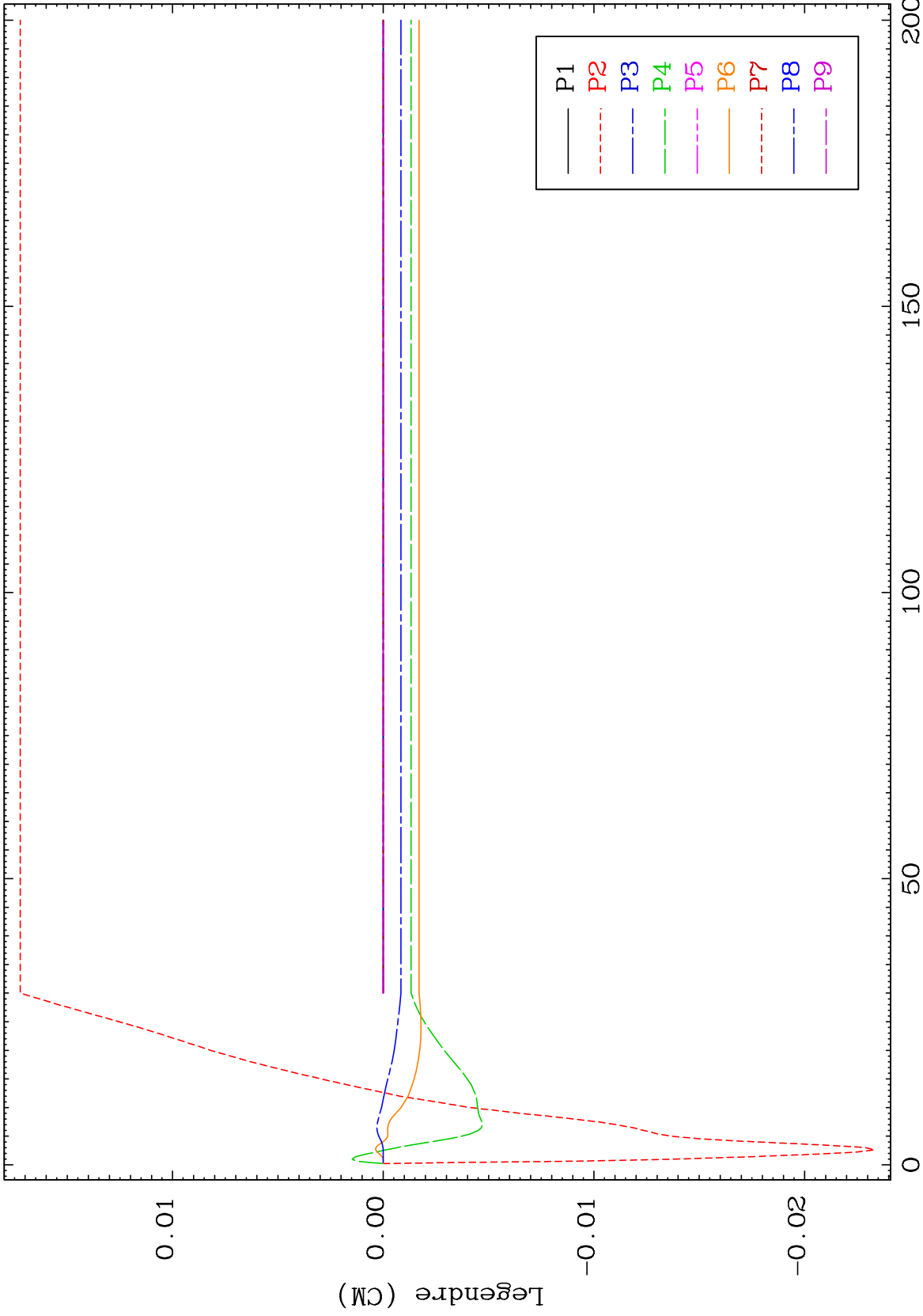
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



38

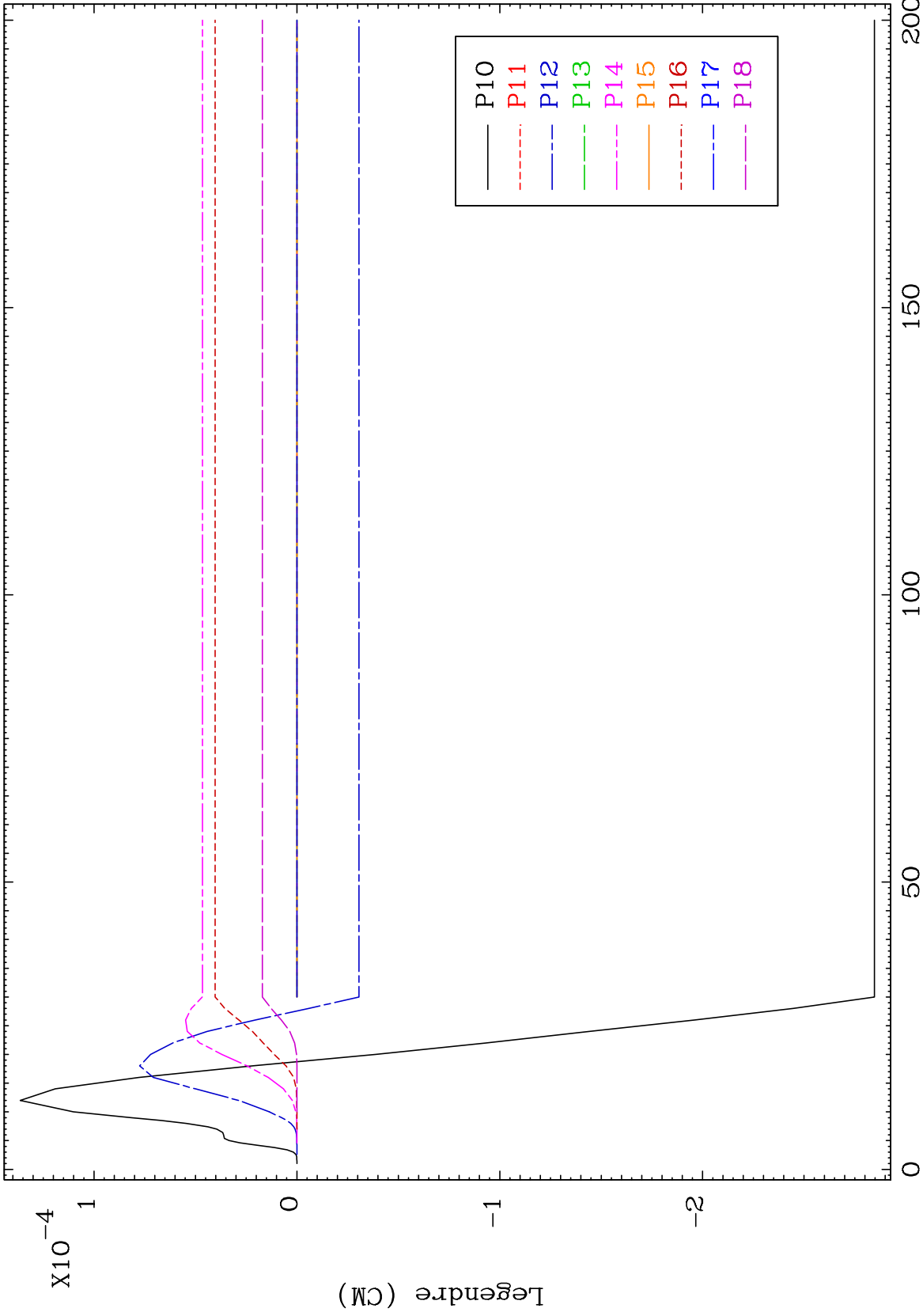
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



39

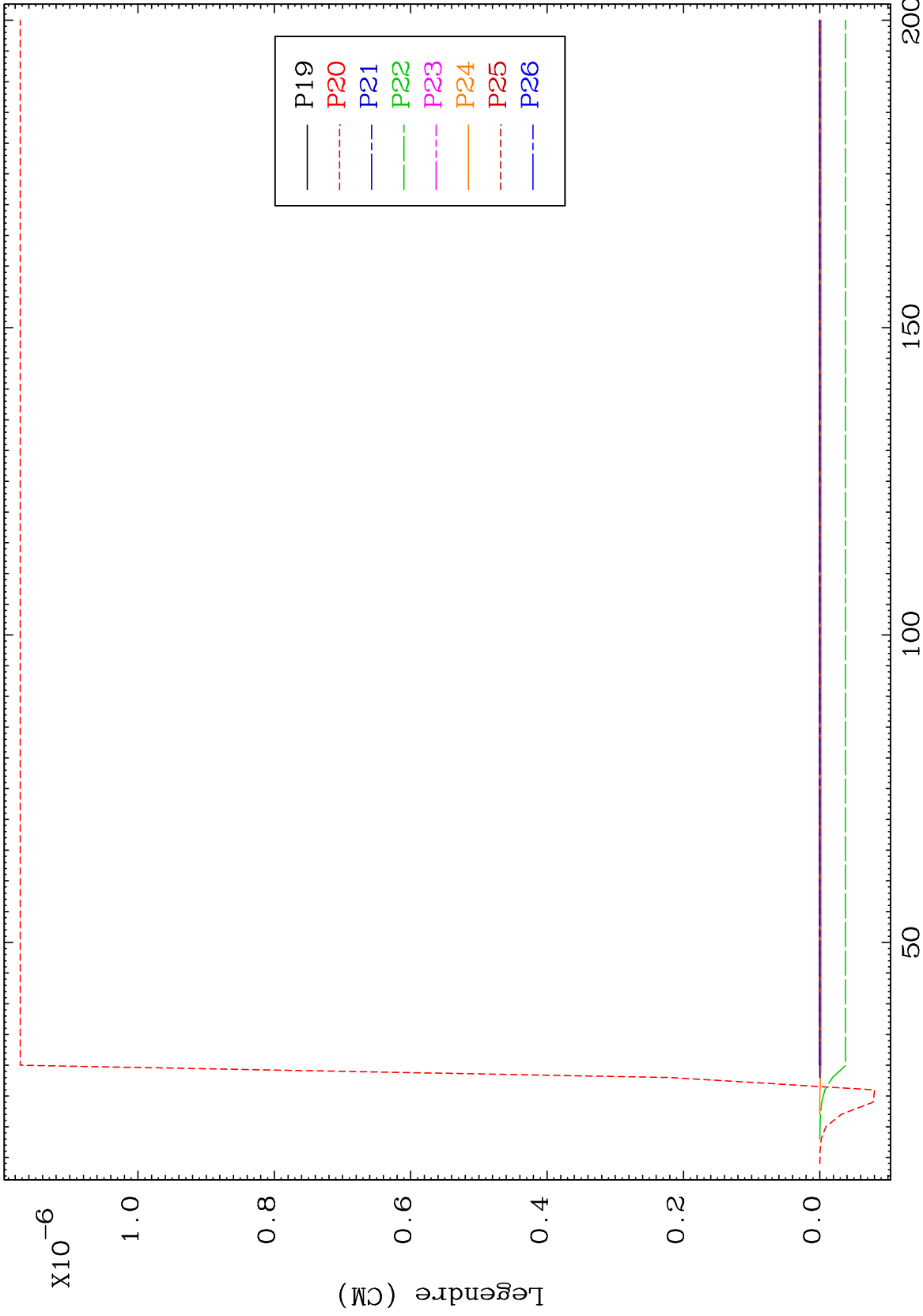
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



40

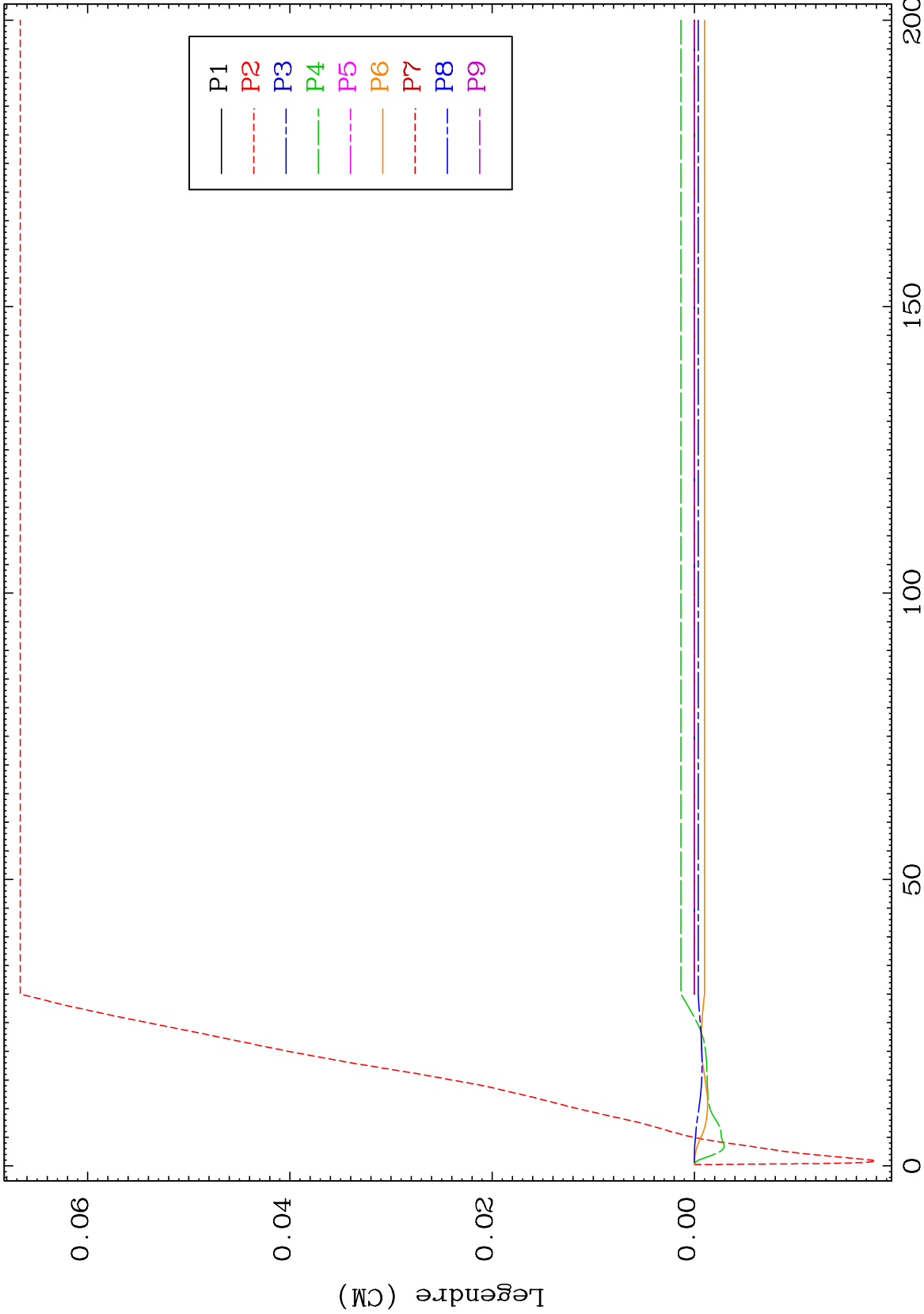
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



41

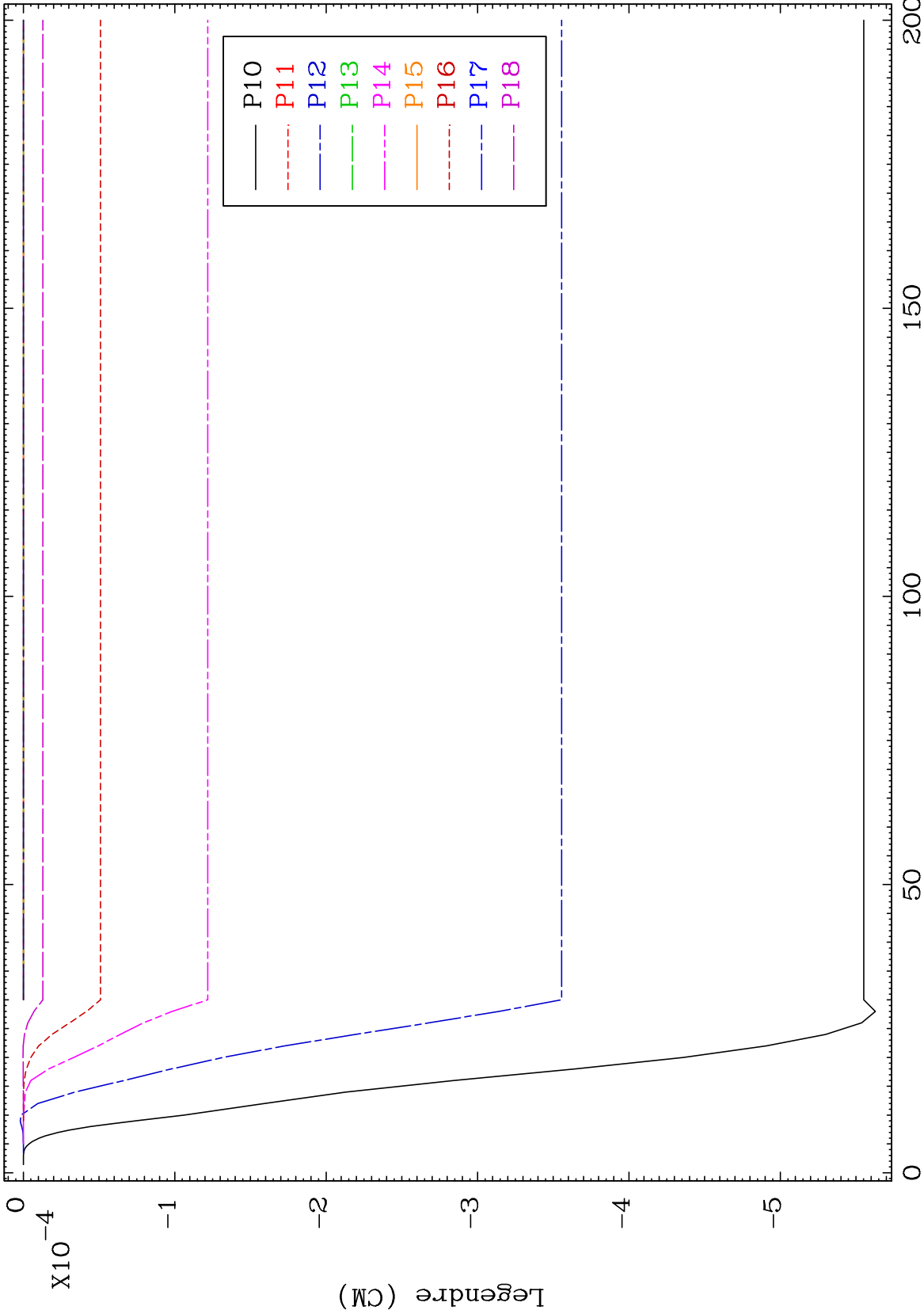
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



42

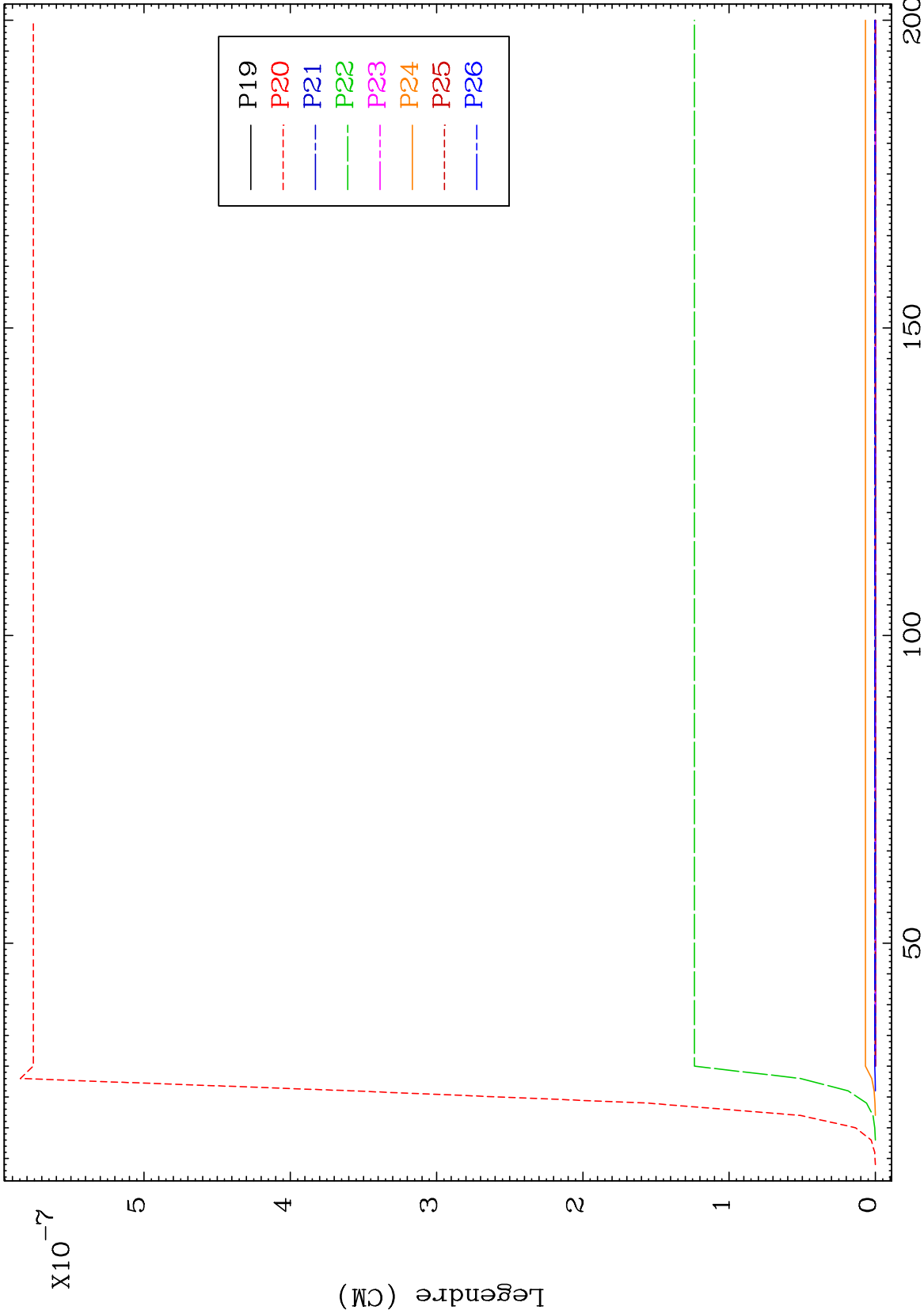
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



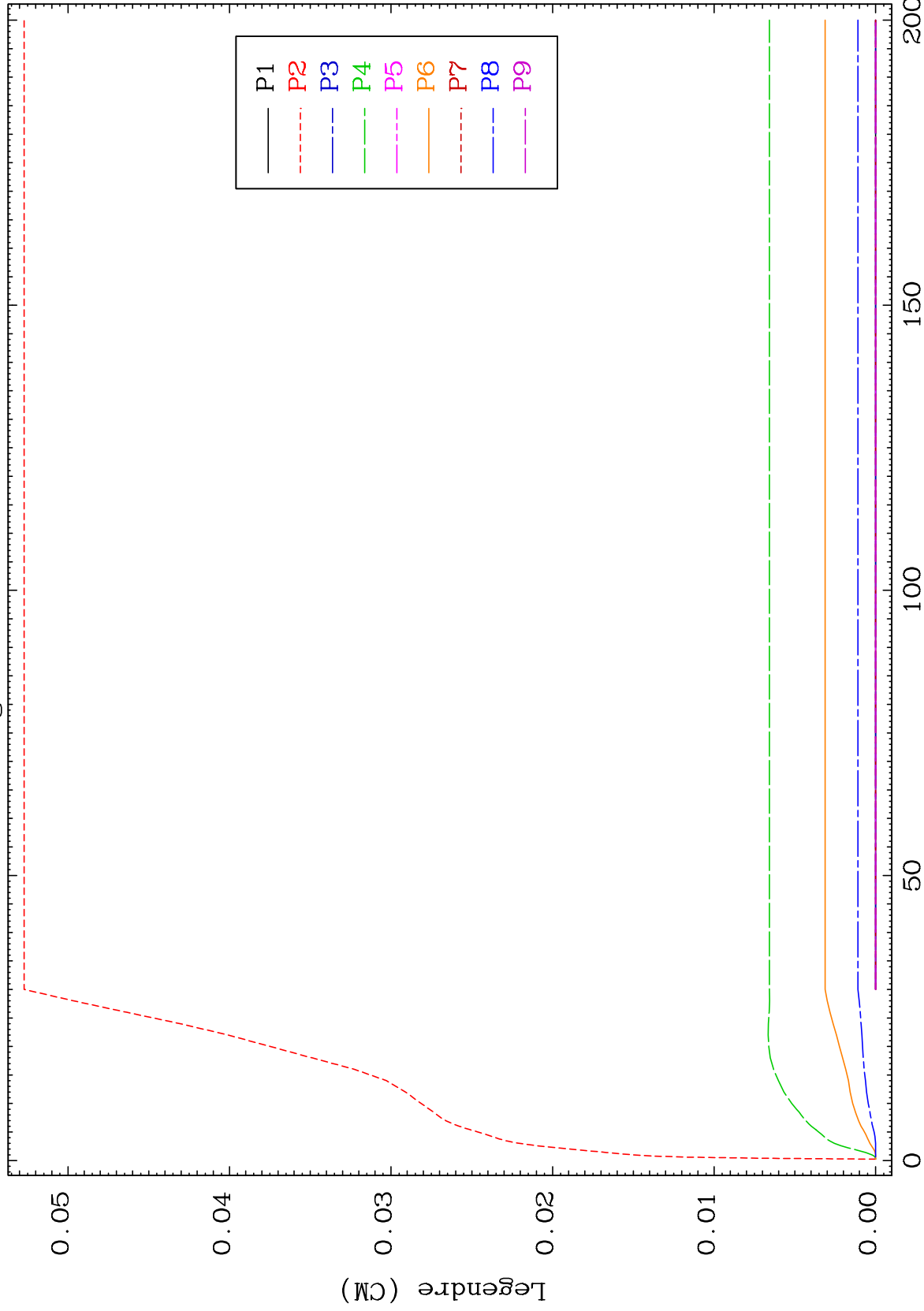
43

77-Ir-184

MAT 7704

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

77-Ir-184



44

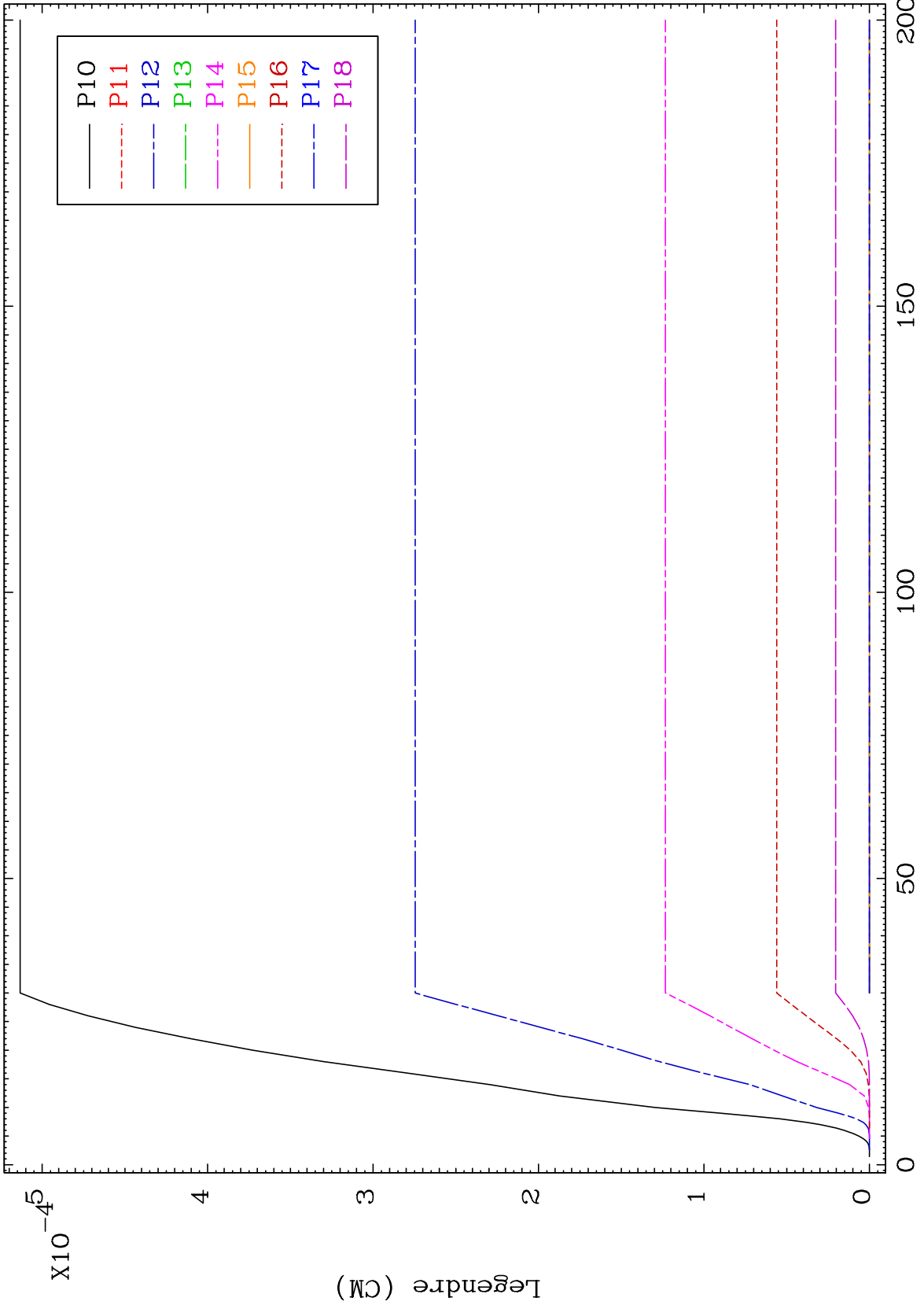
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184

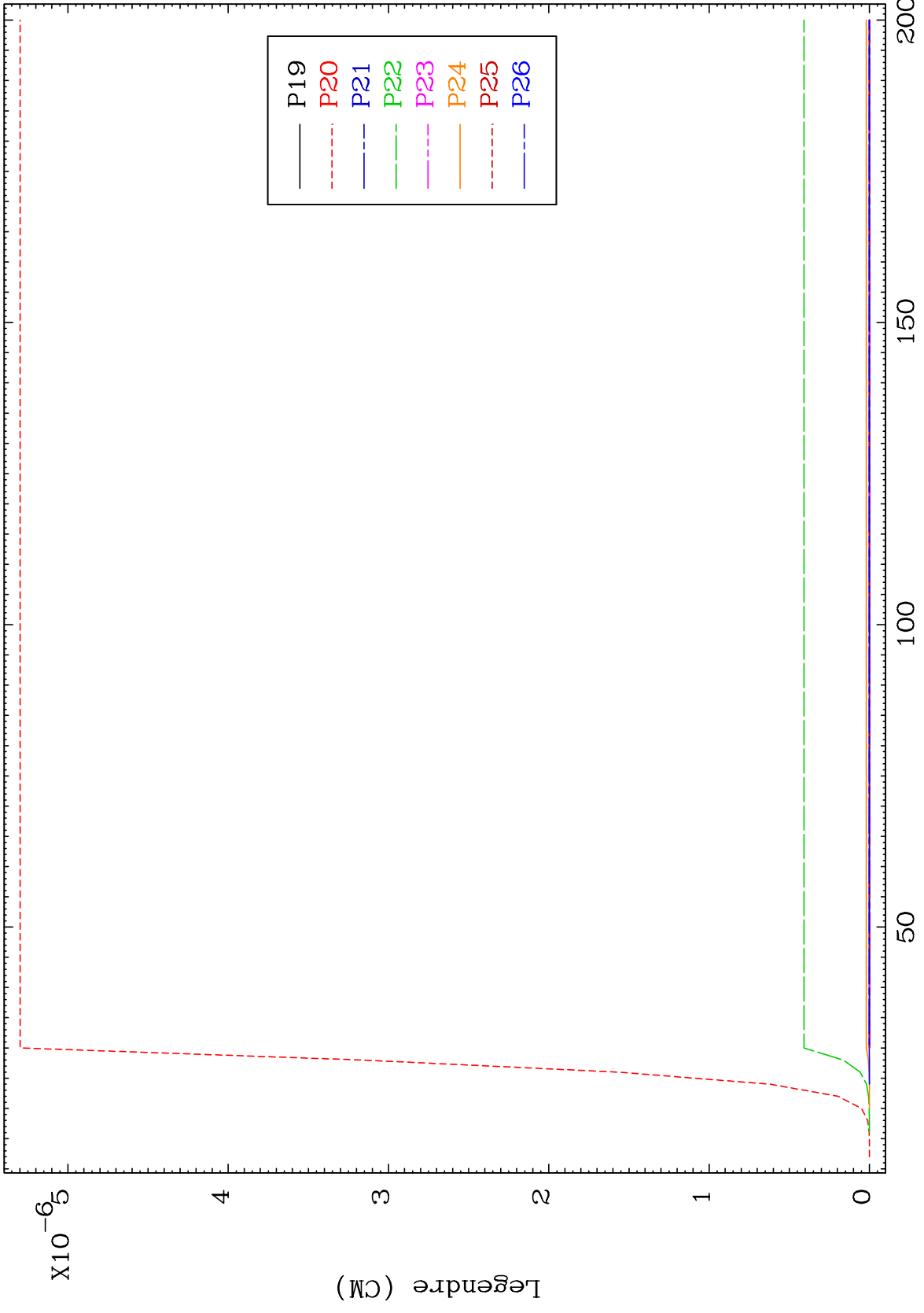


45

Incident Energy (MeV)

77-Ir-184

MAT 7704 MT= 58 (n,n') Level Legendre Coefficients 77-Ir-184

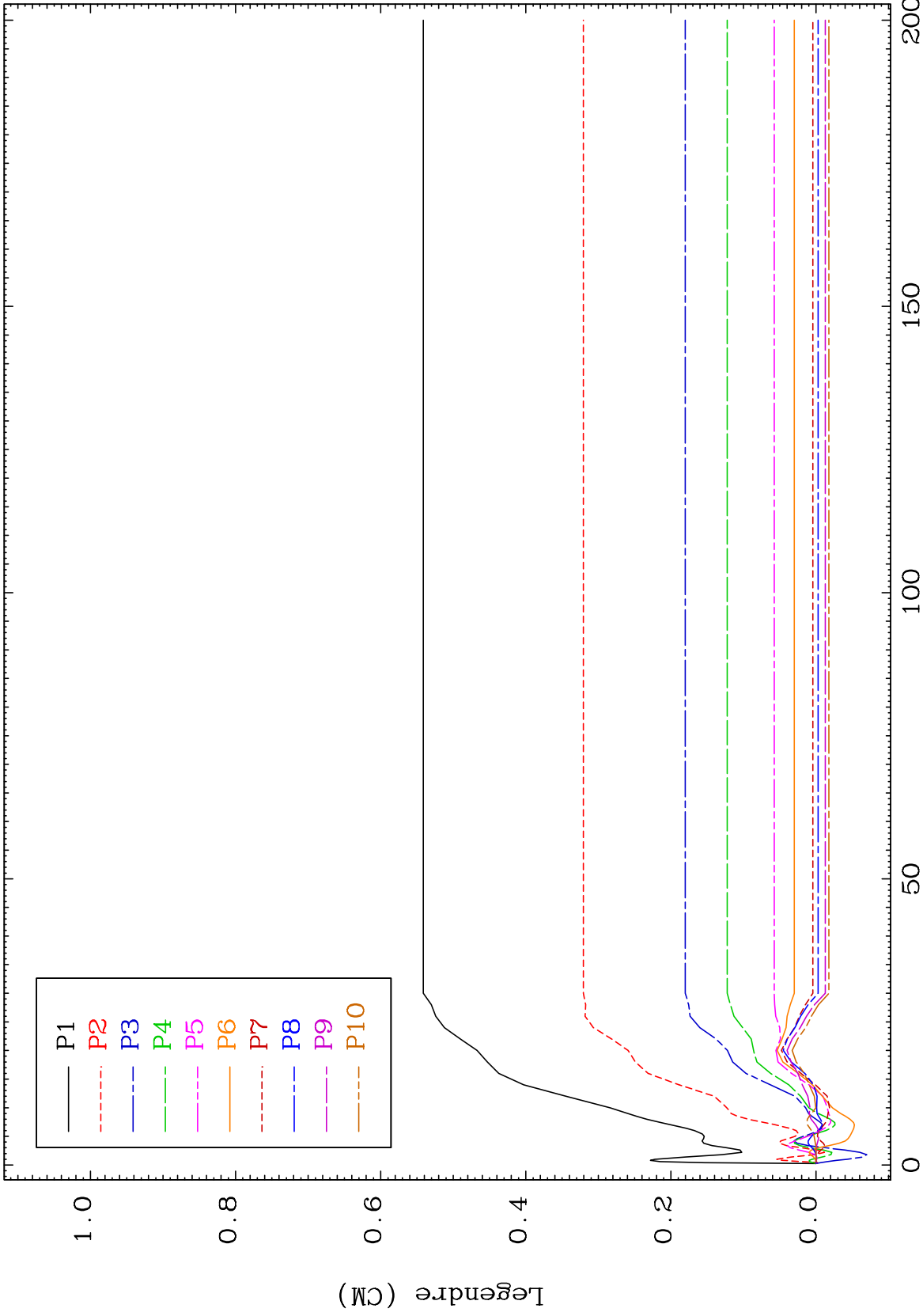


46 Incident Energy (MeV) 77-Ir-184

MAT 7704

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

77-Ir-184



47

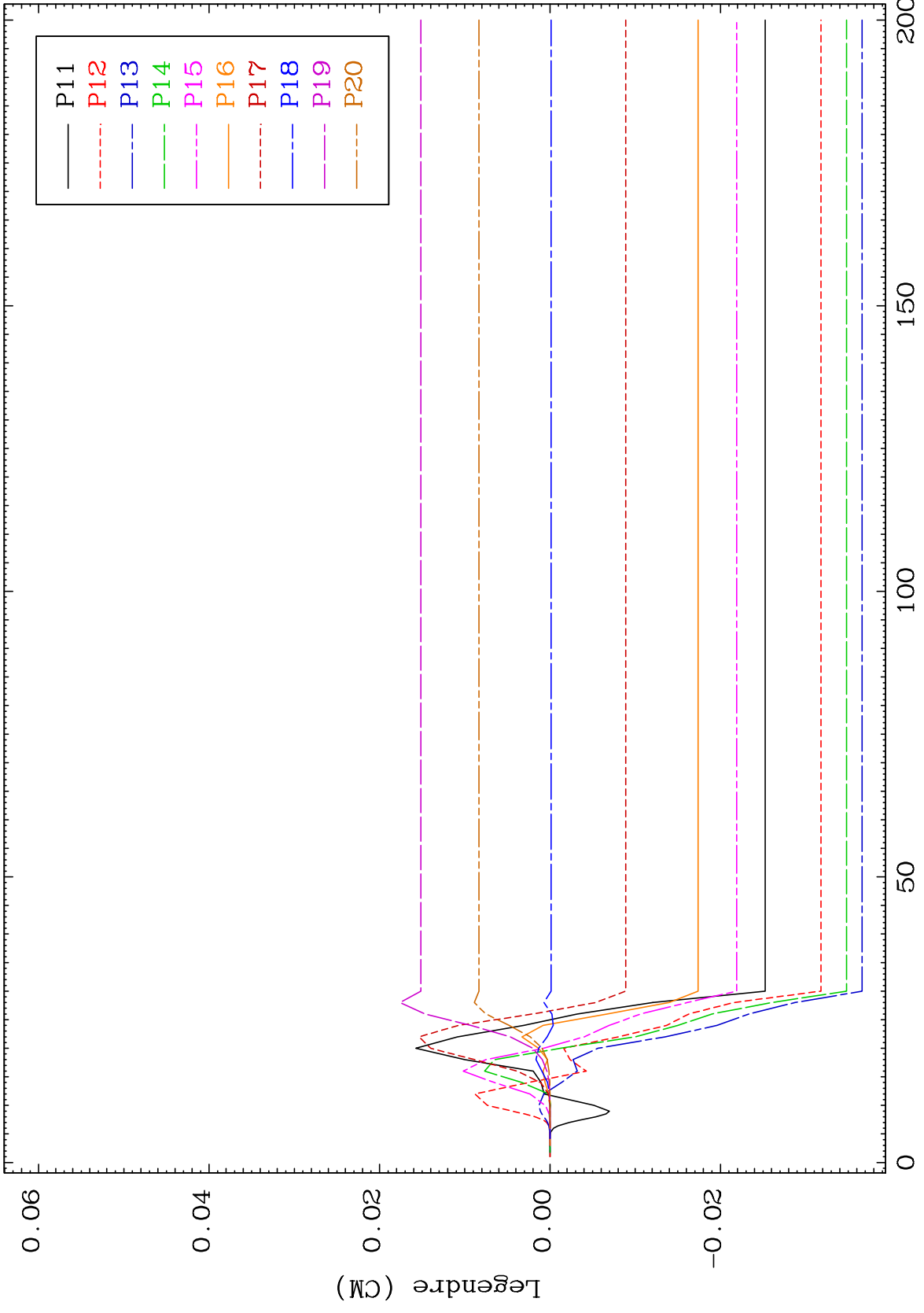
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



48

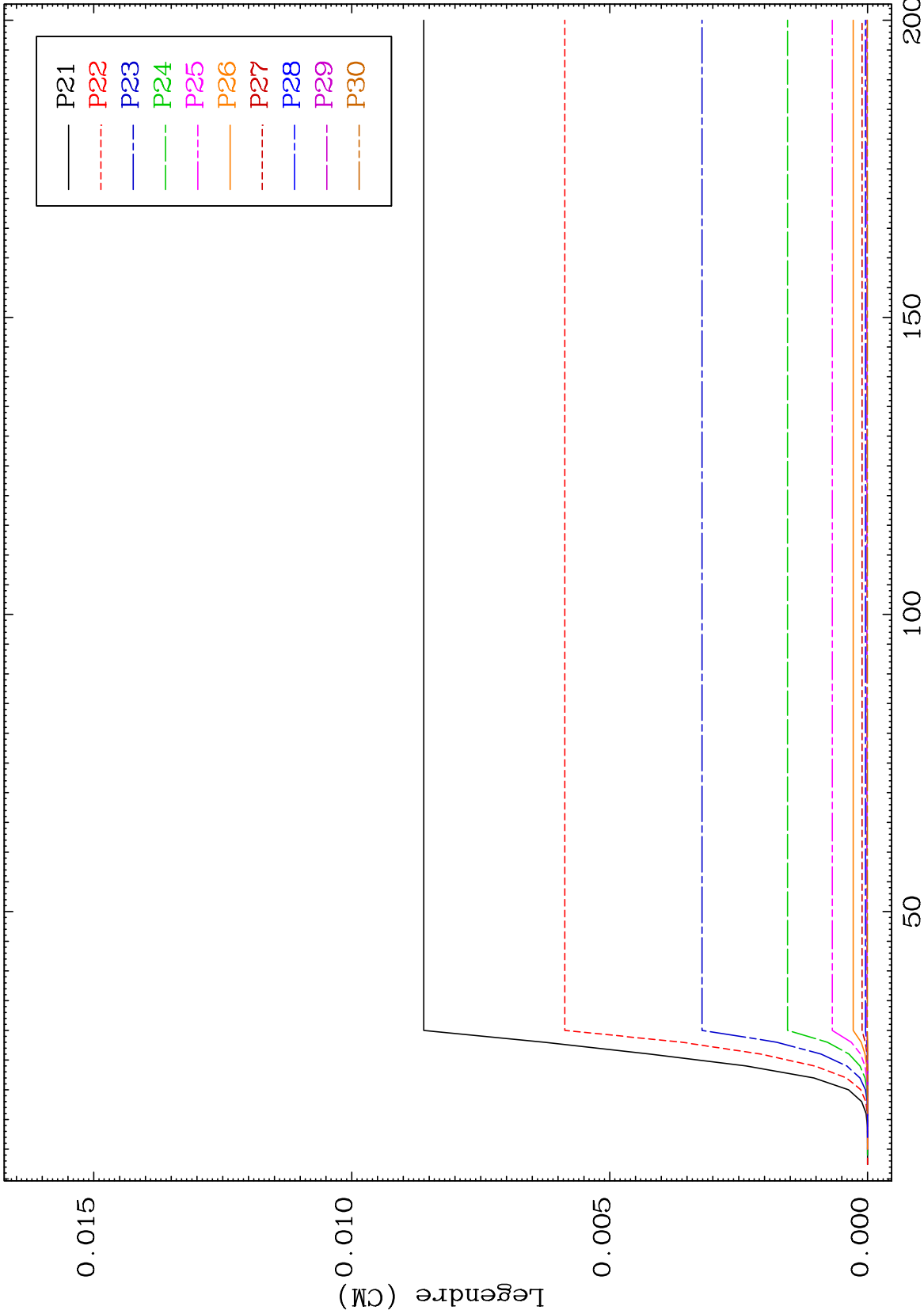
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



49

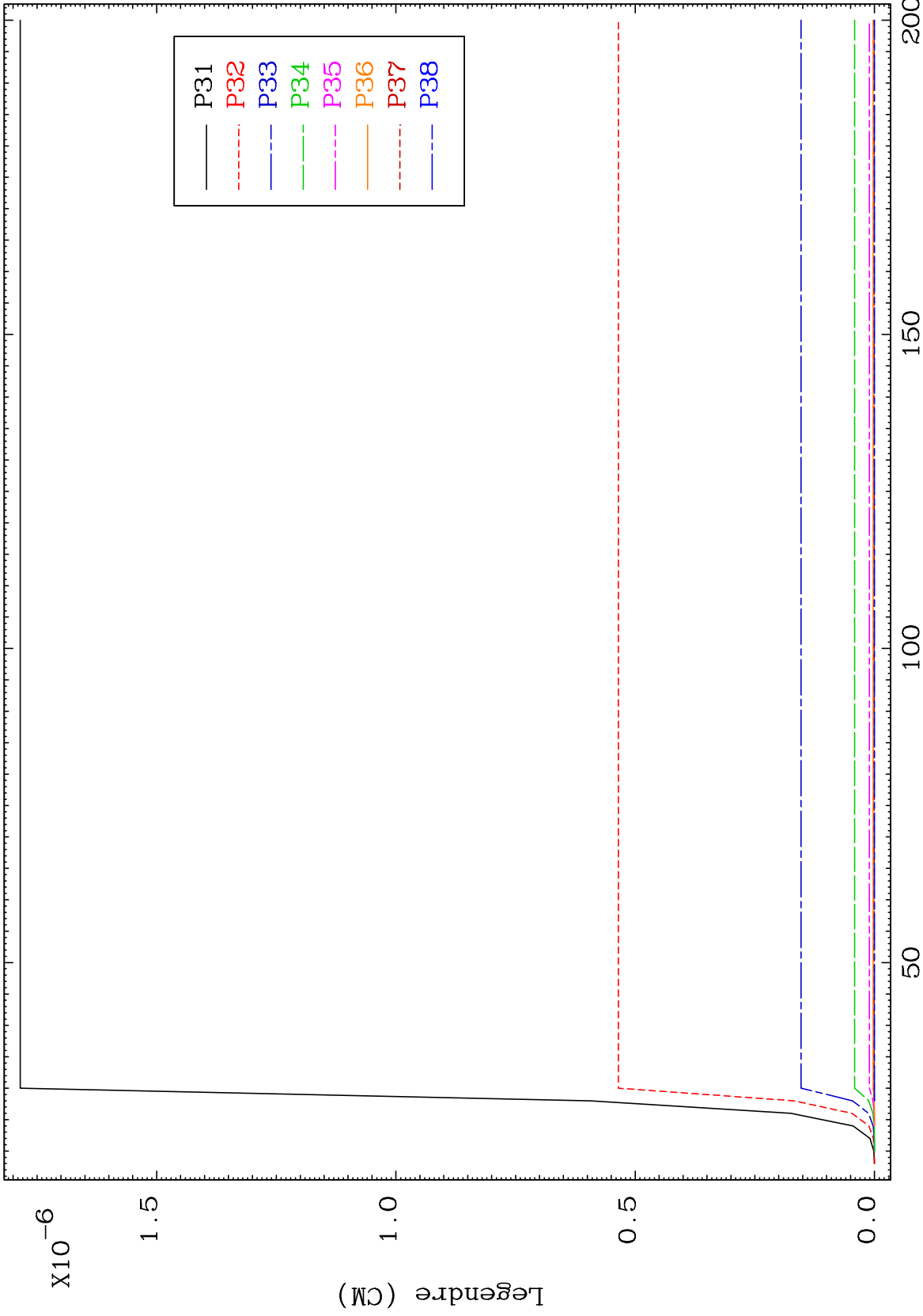
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



50

50

100

150

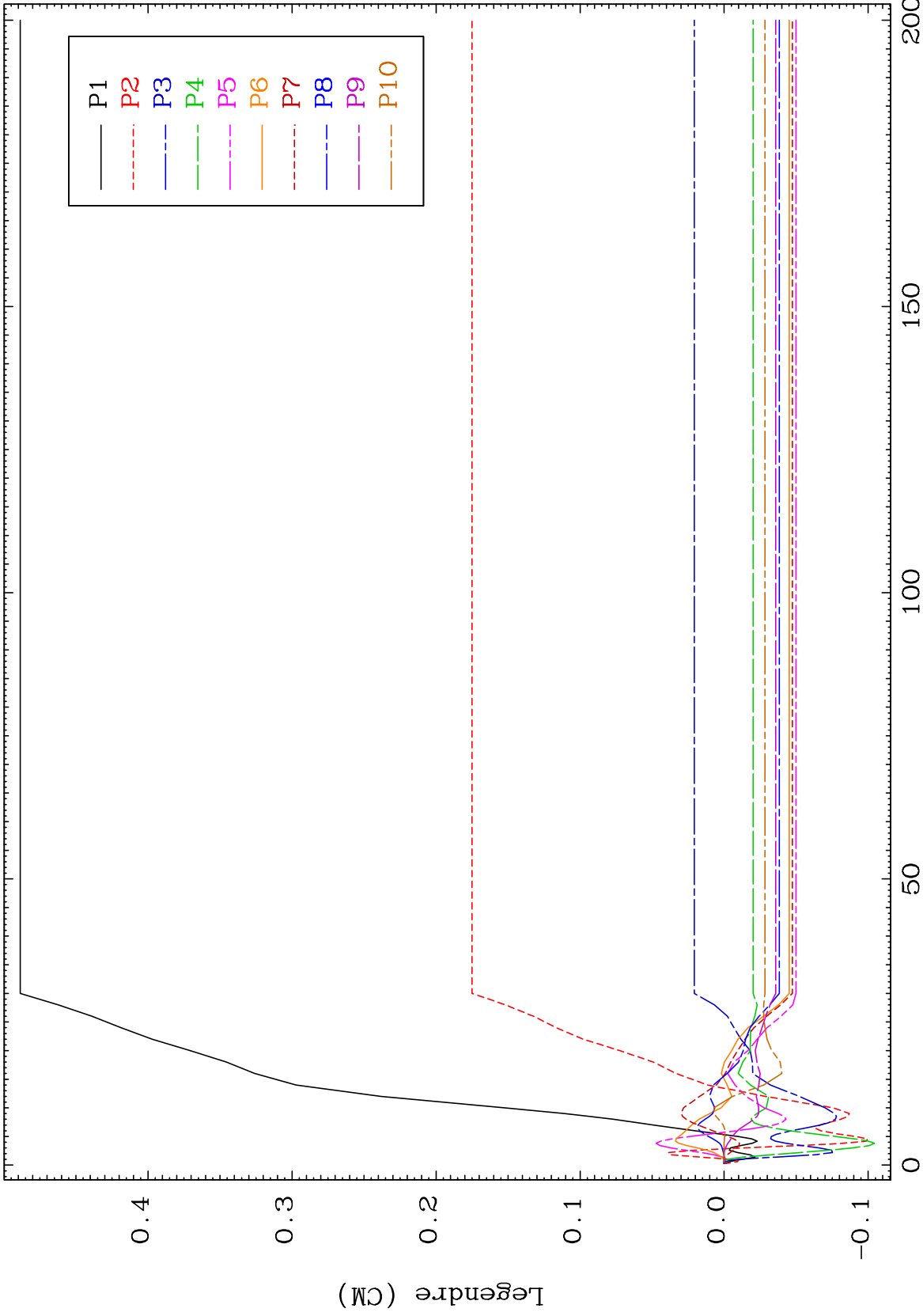
200

77-Ir-184

MAT 7704

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

77-Ir-184



51

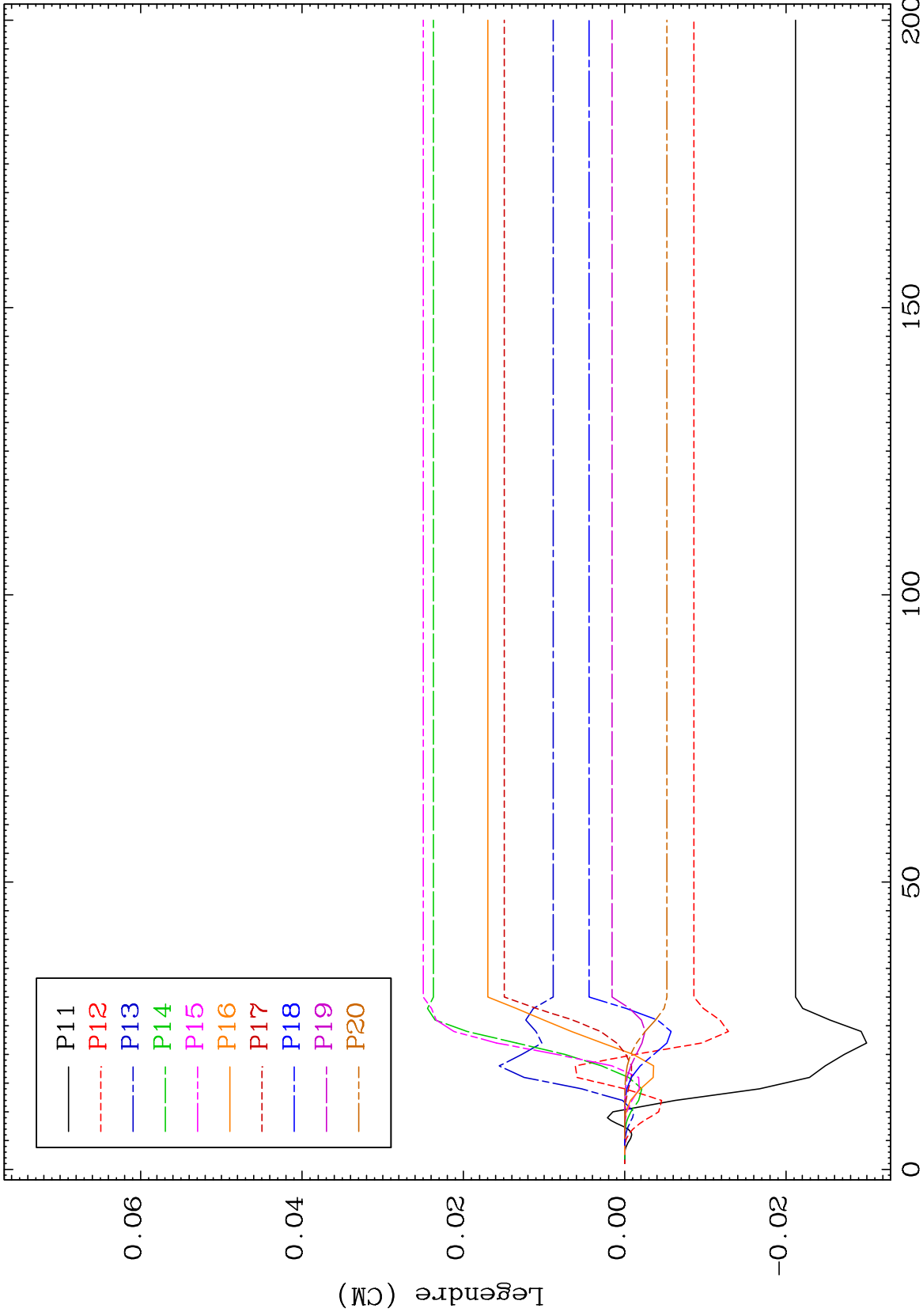
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



52

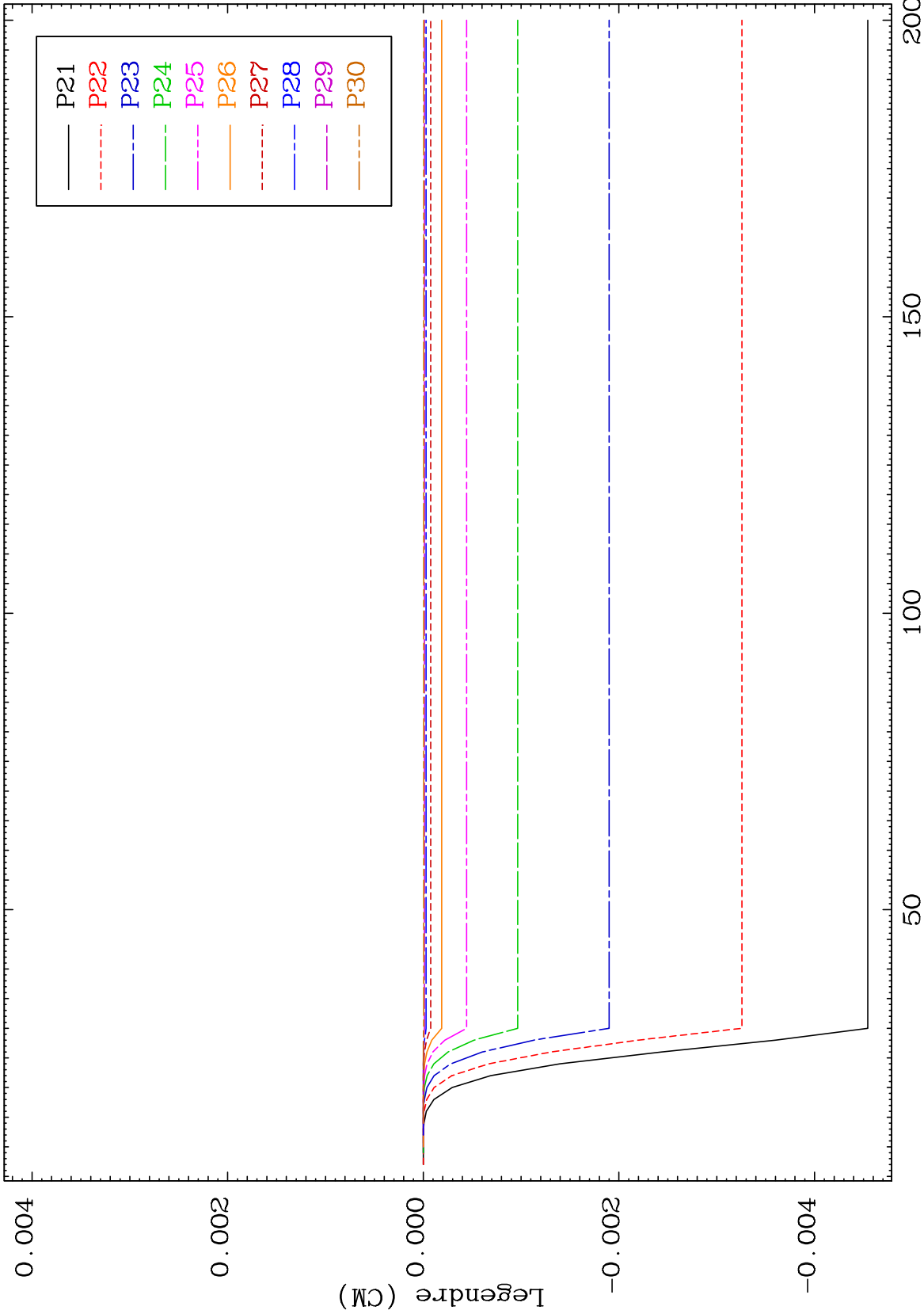
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



53

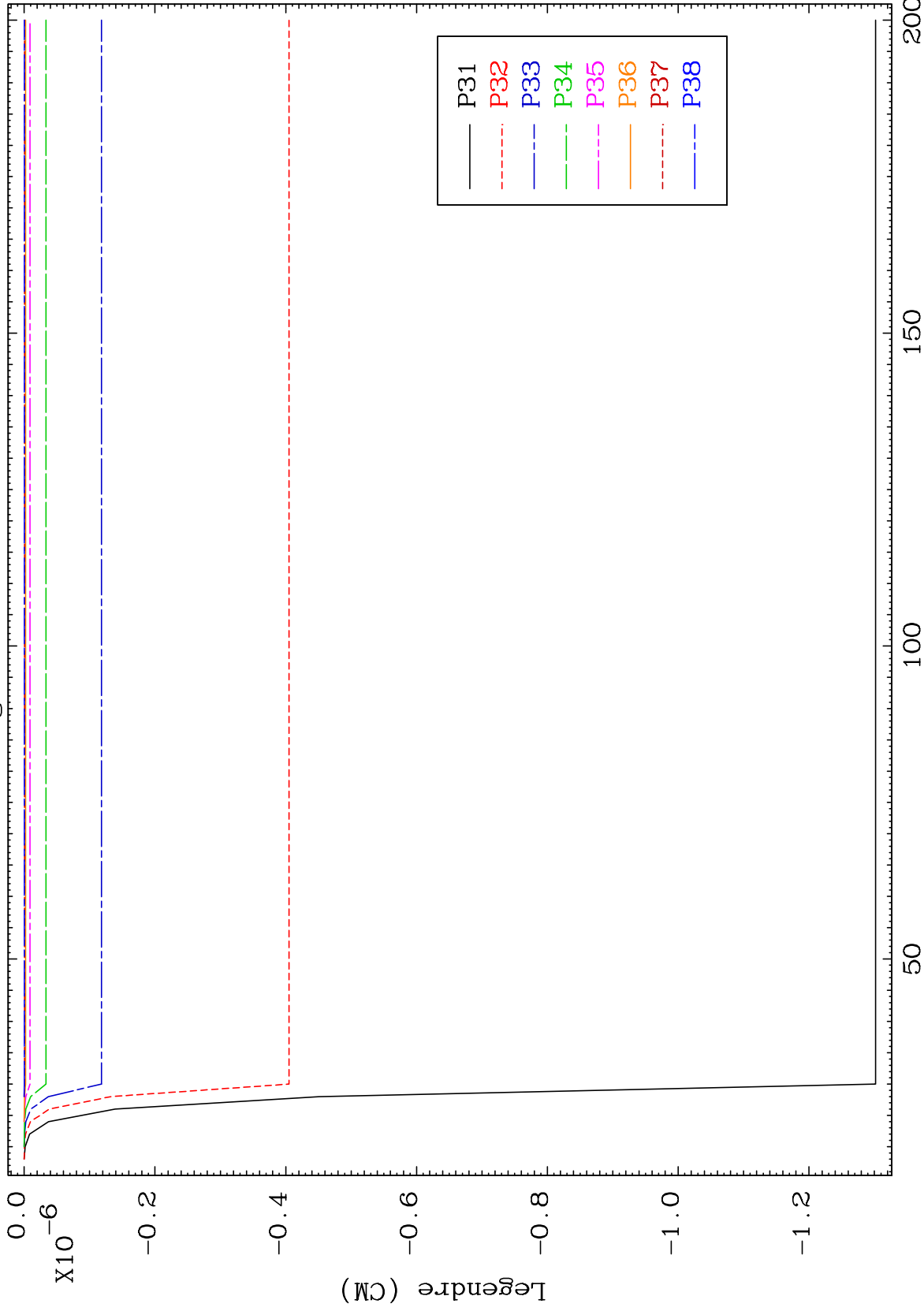
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



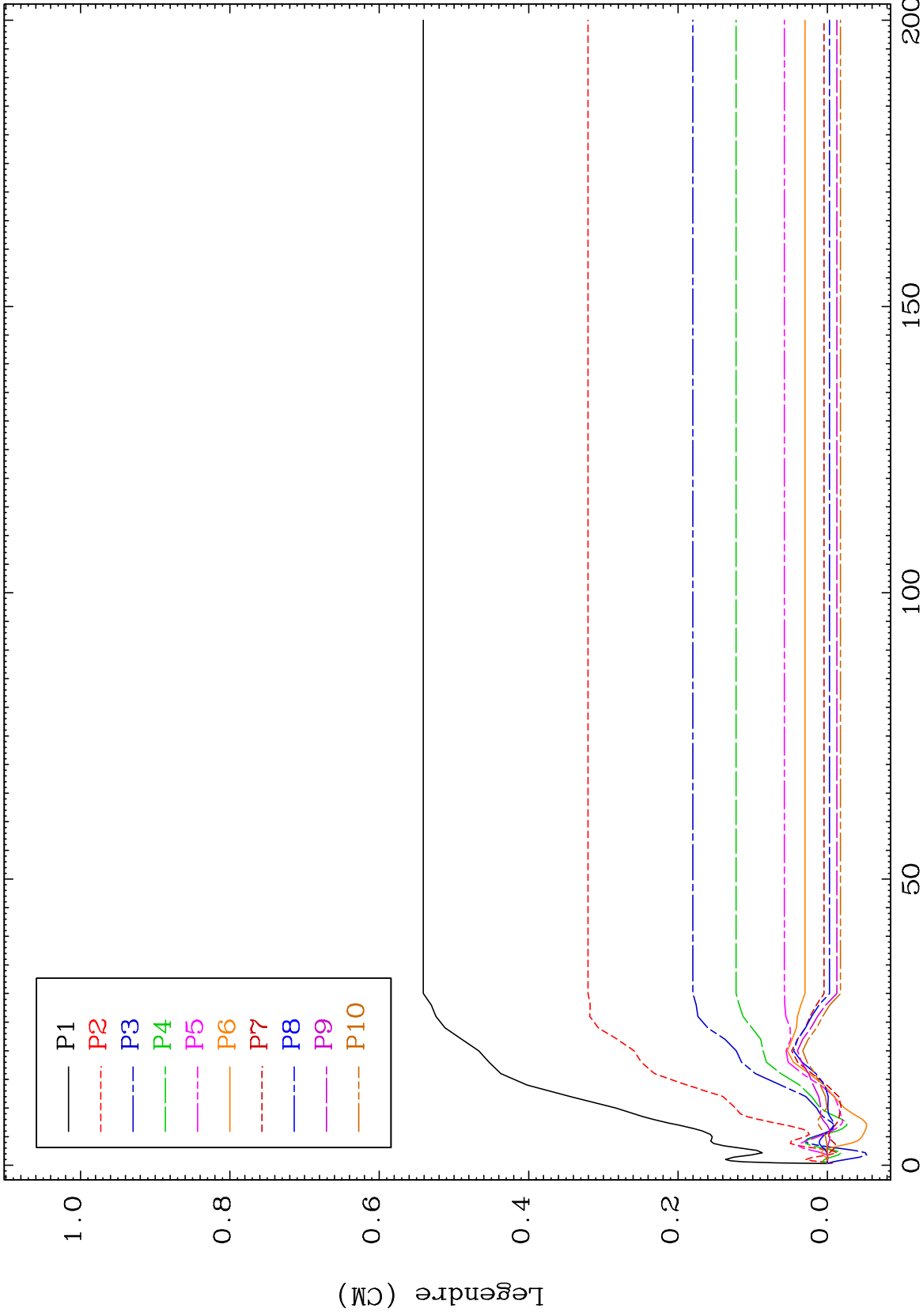
54

77-Ir-184

MAT 7704

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

77-Ir-184



55

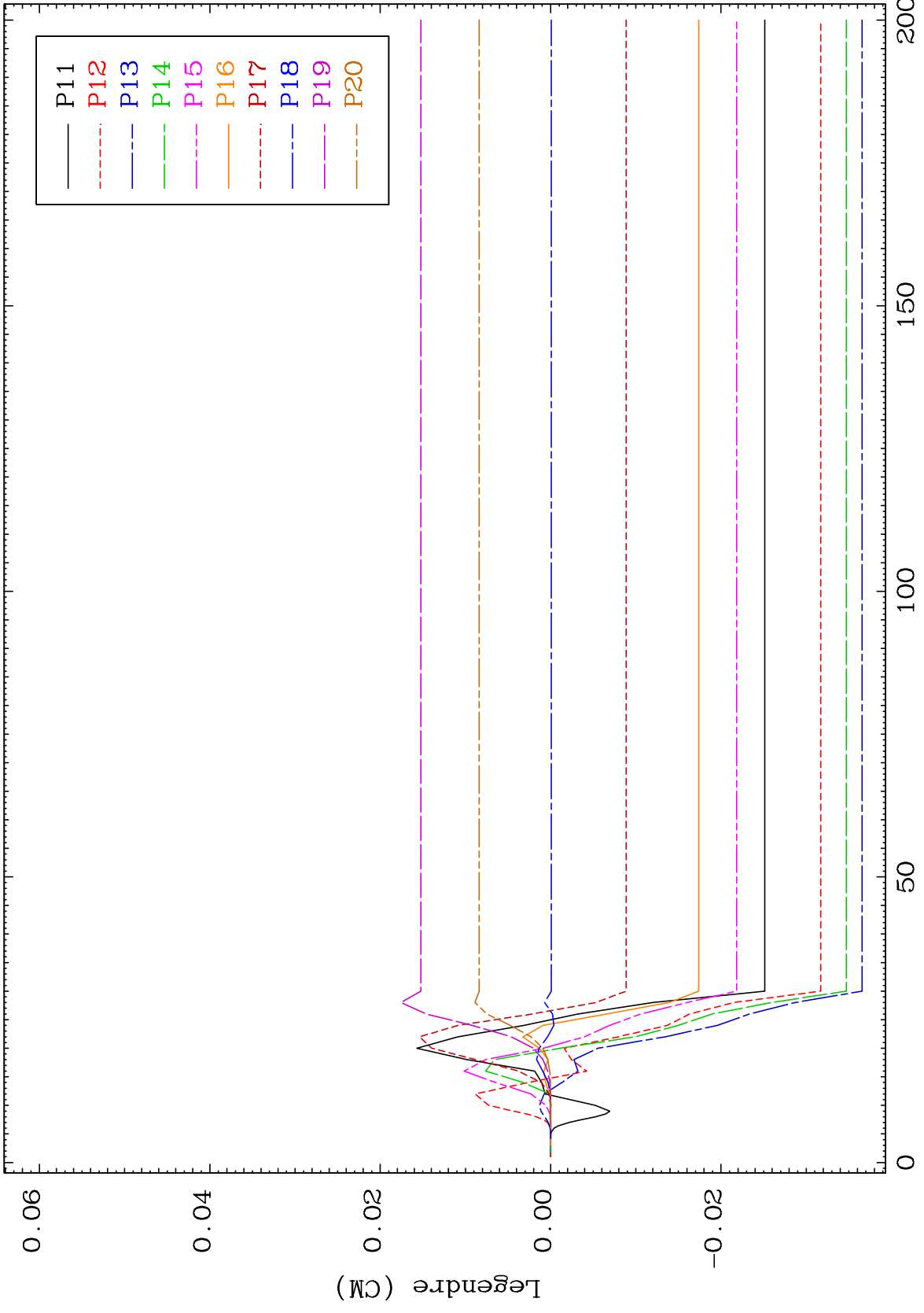
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



56

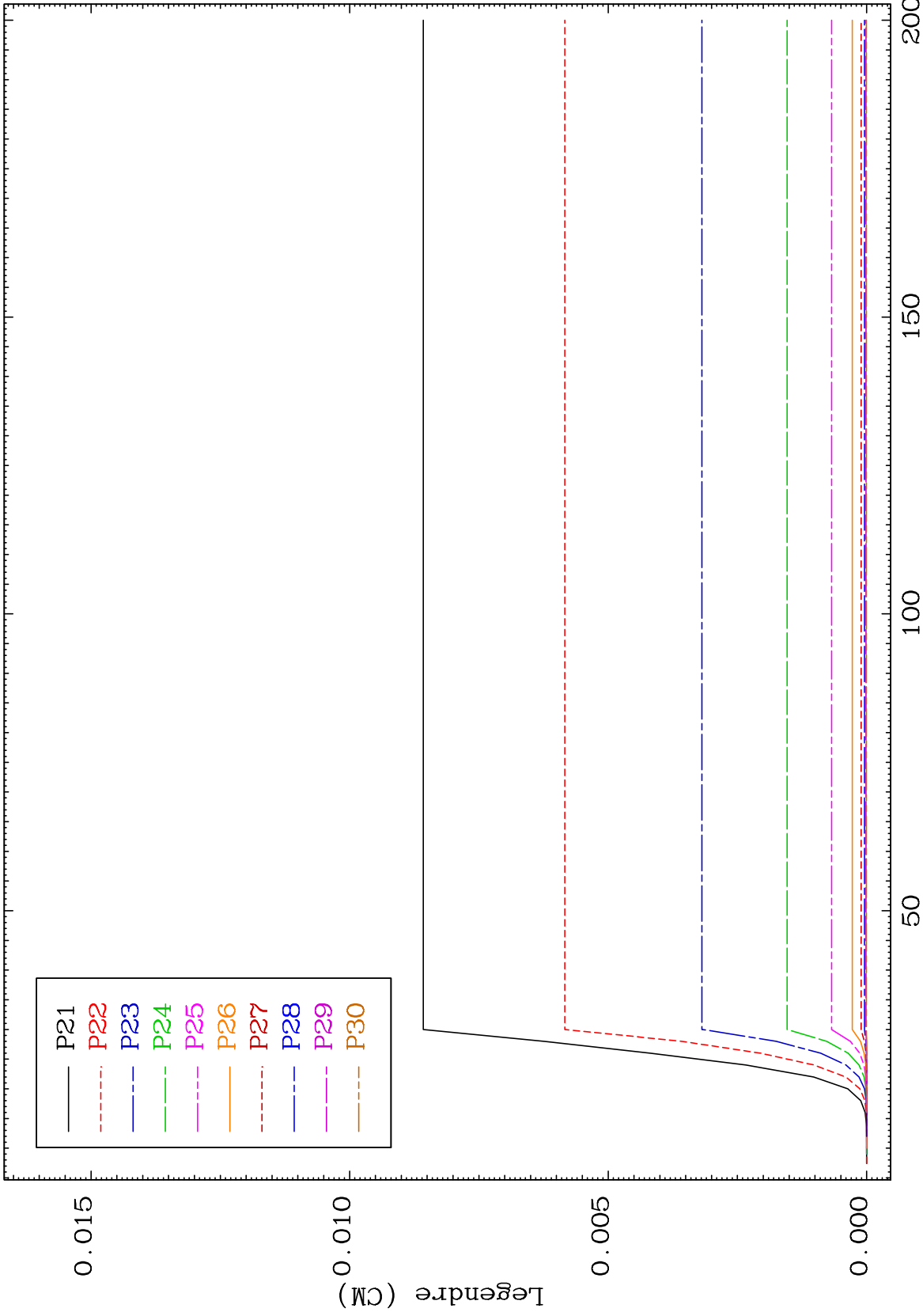
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



57

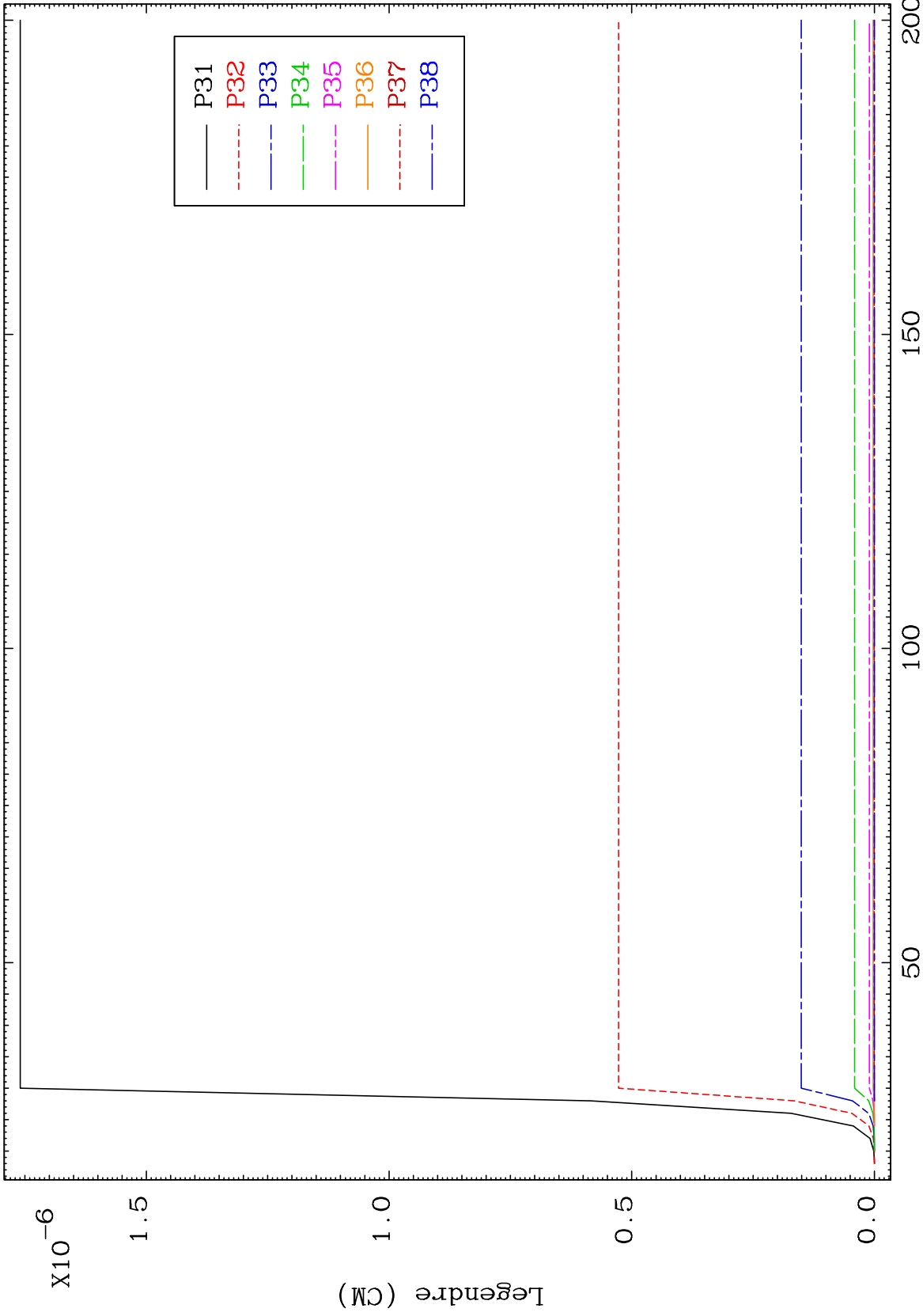
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



58

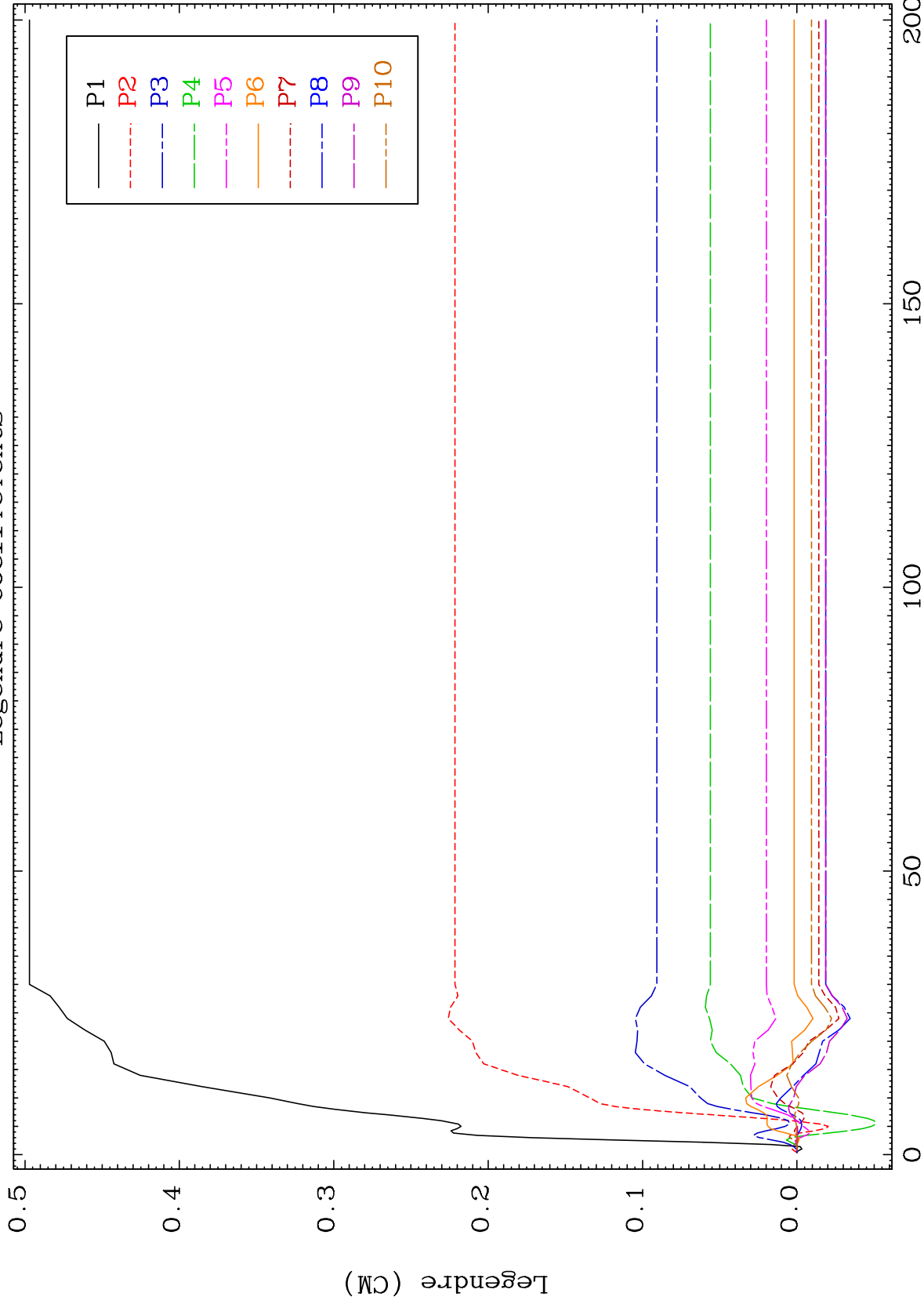
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



59

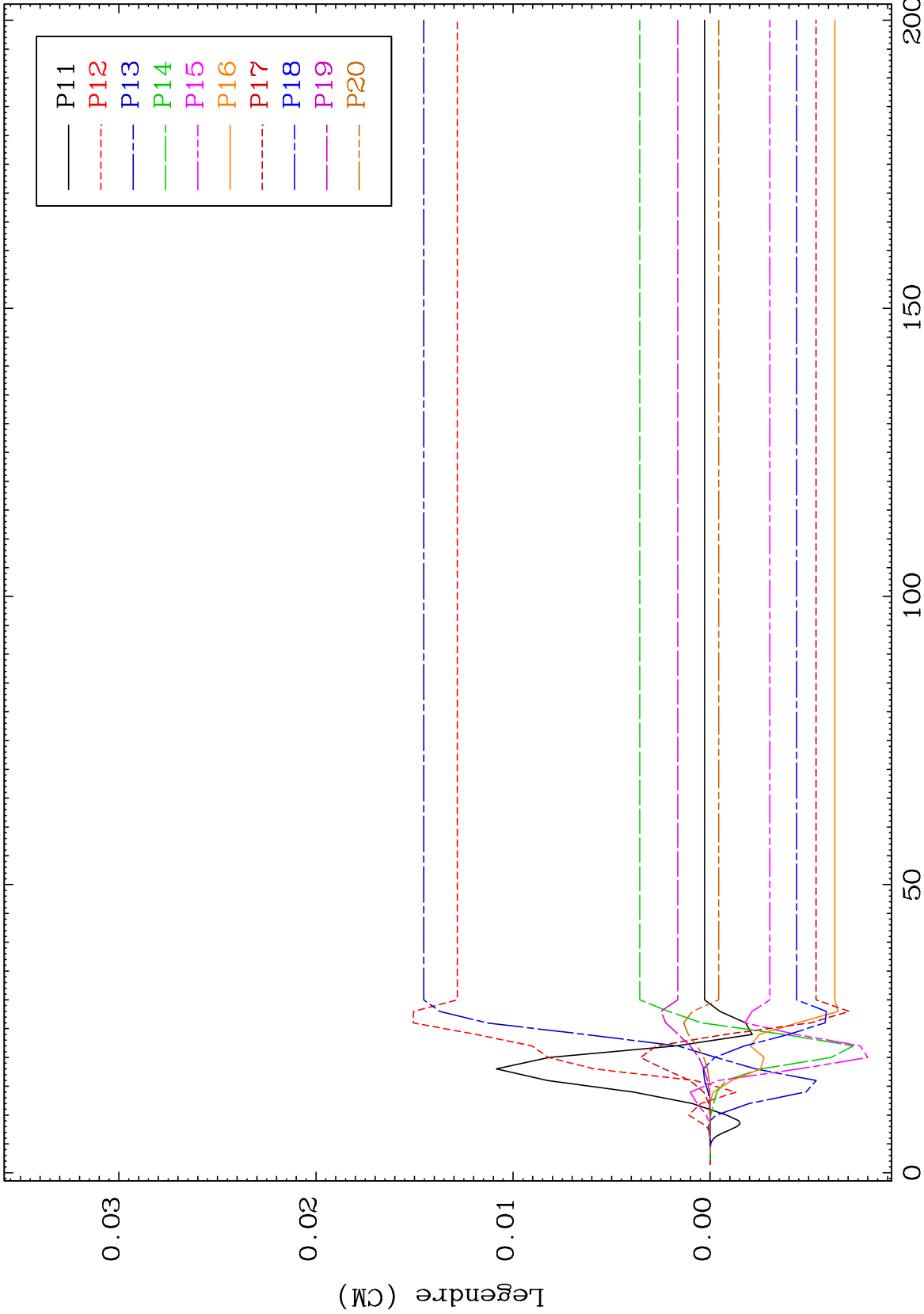
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



60

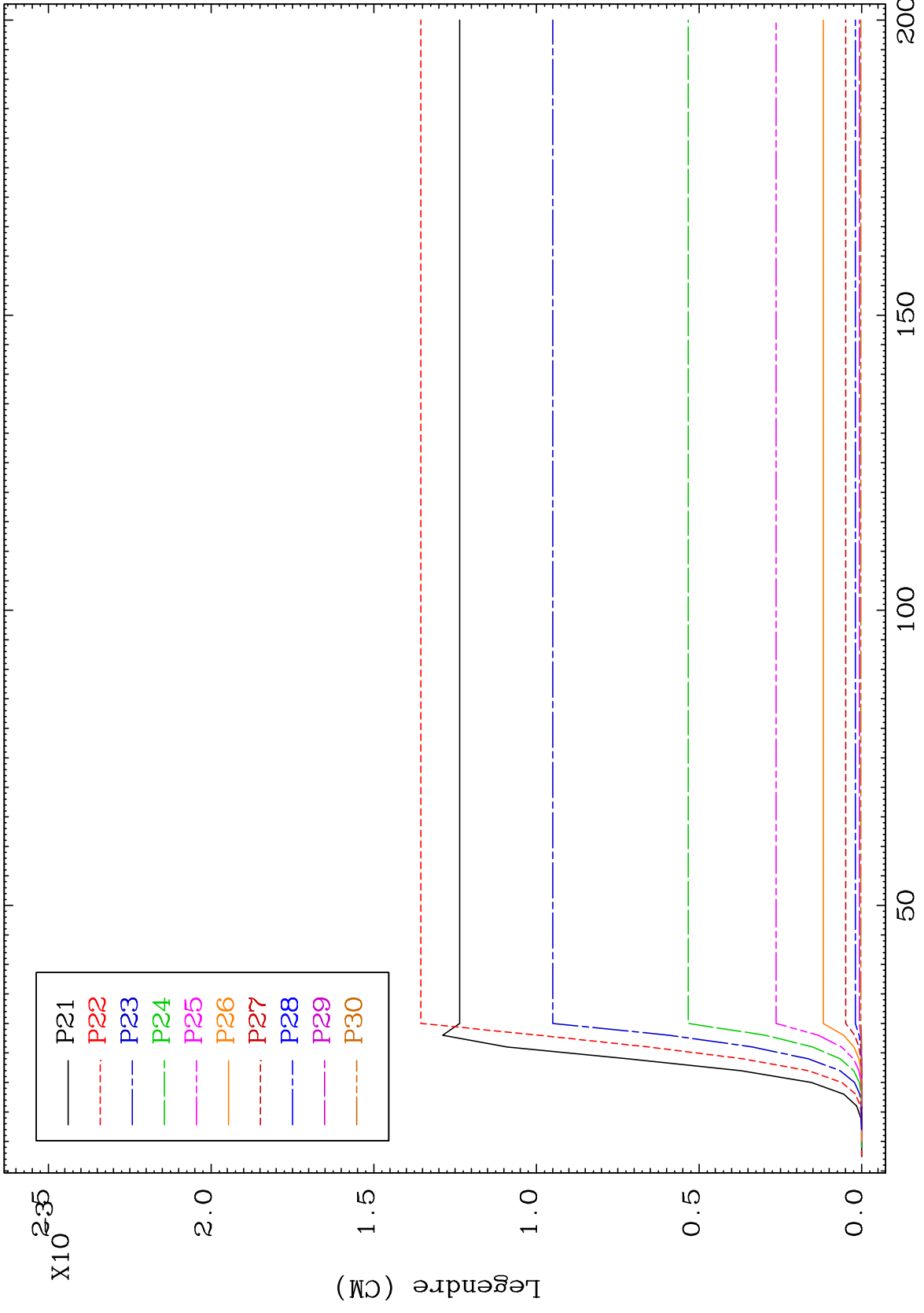
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



61

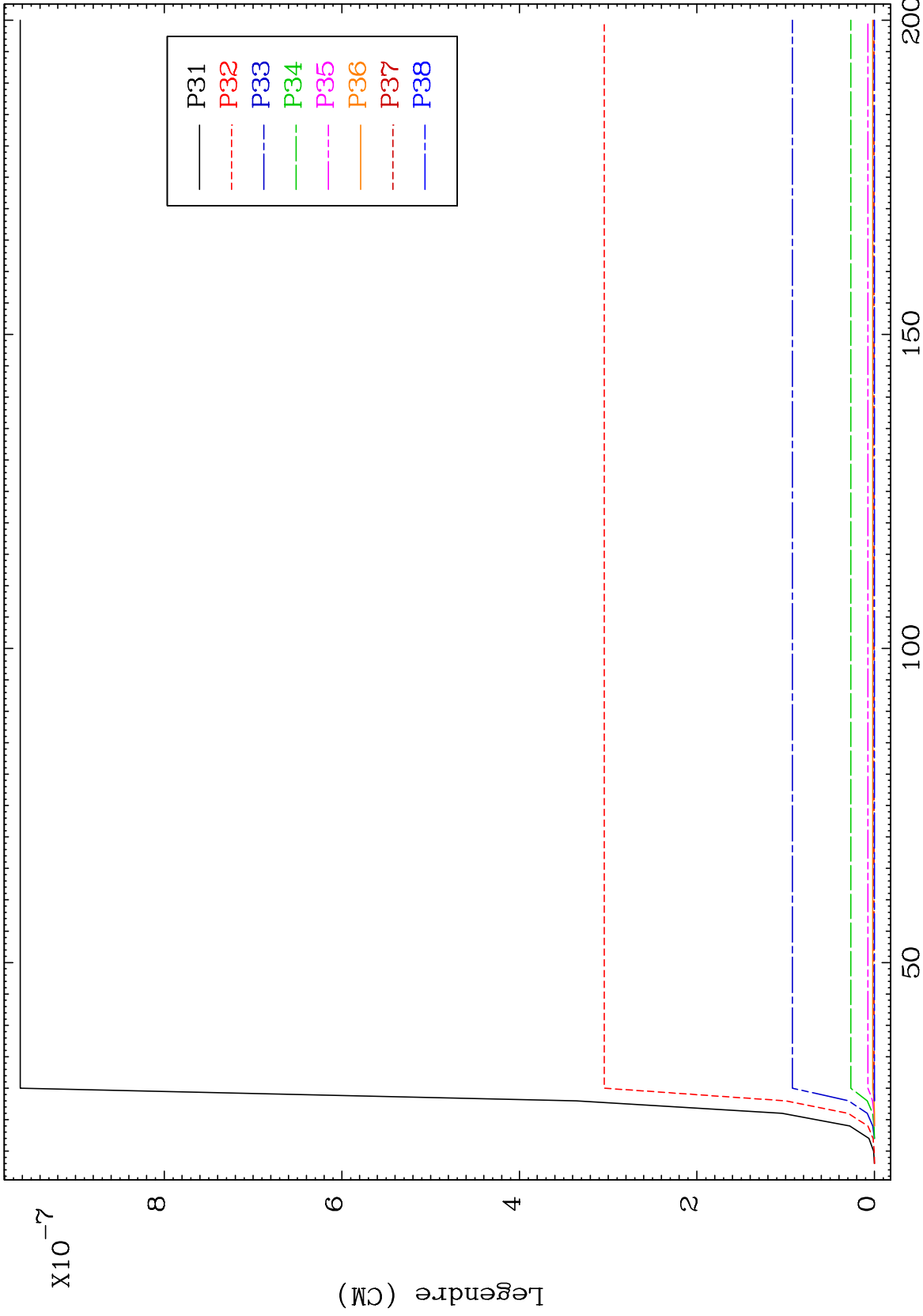
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



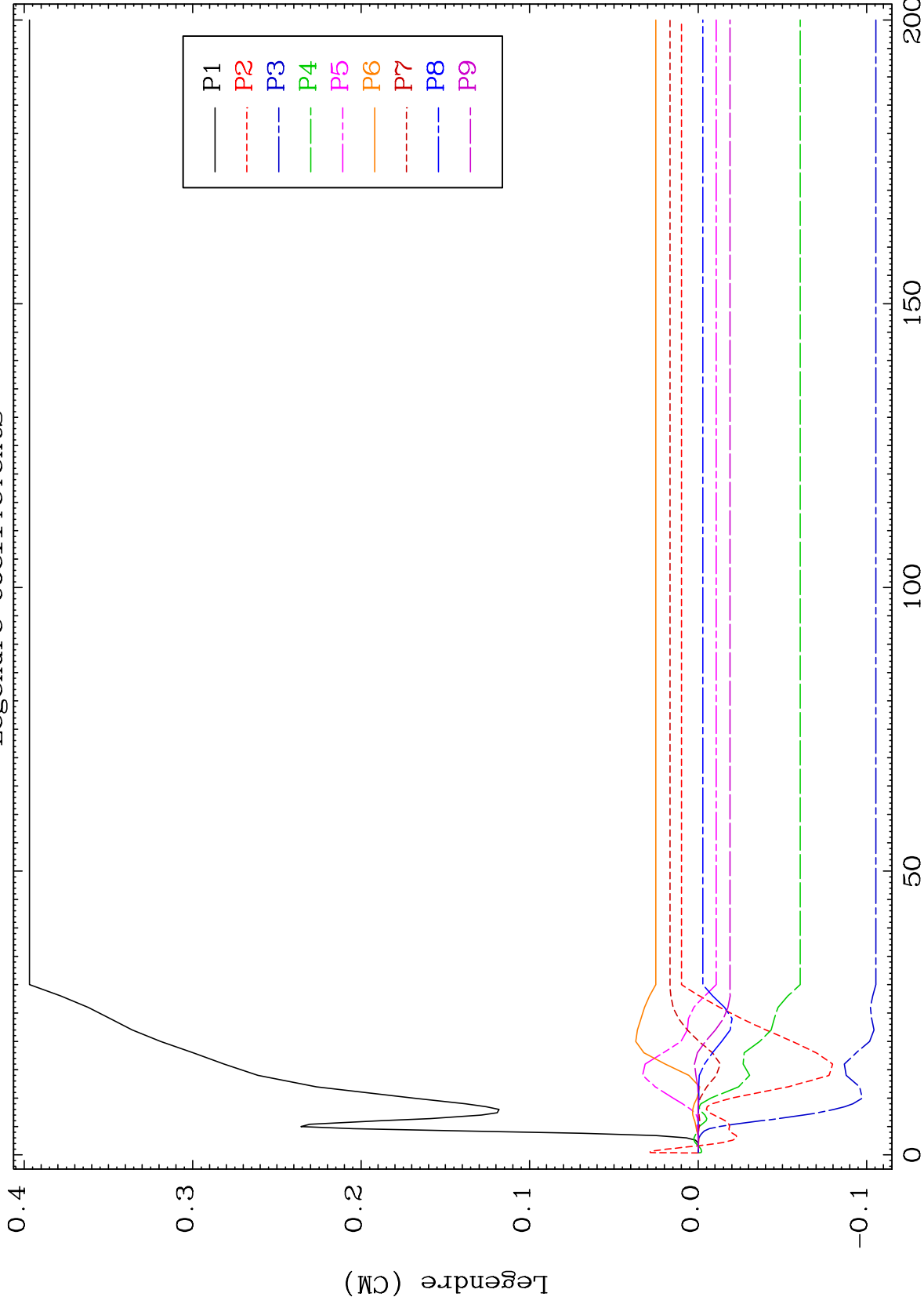
62

77-Ir-184

MAT 7704

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

77-Ir-184



63

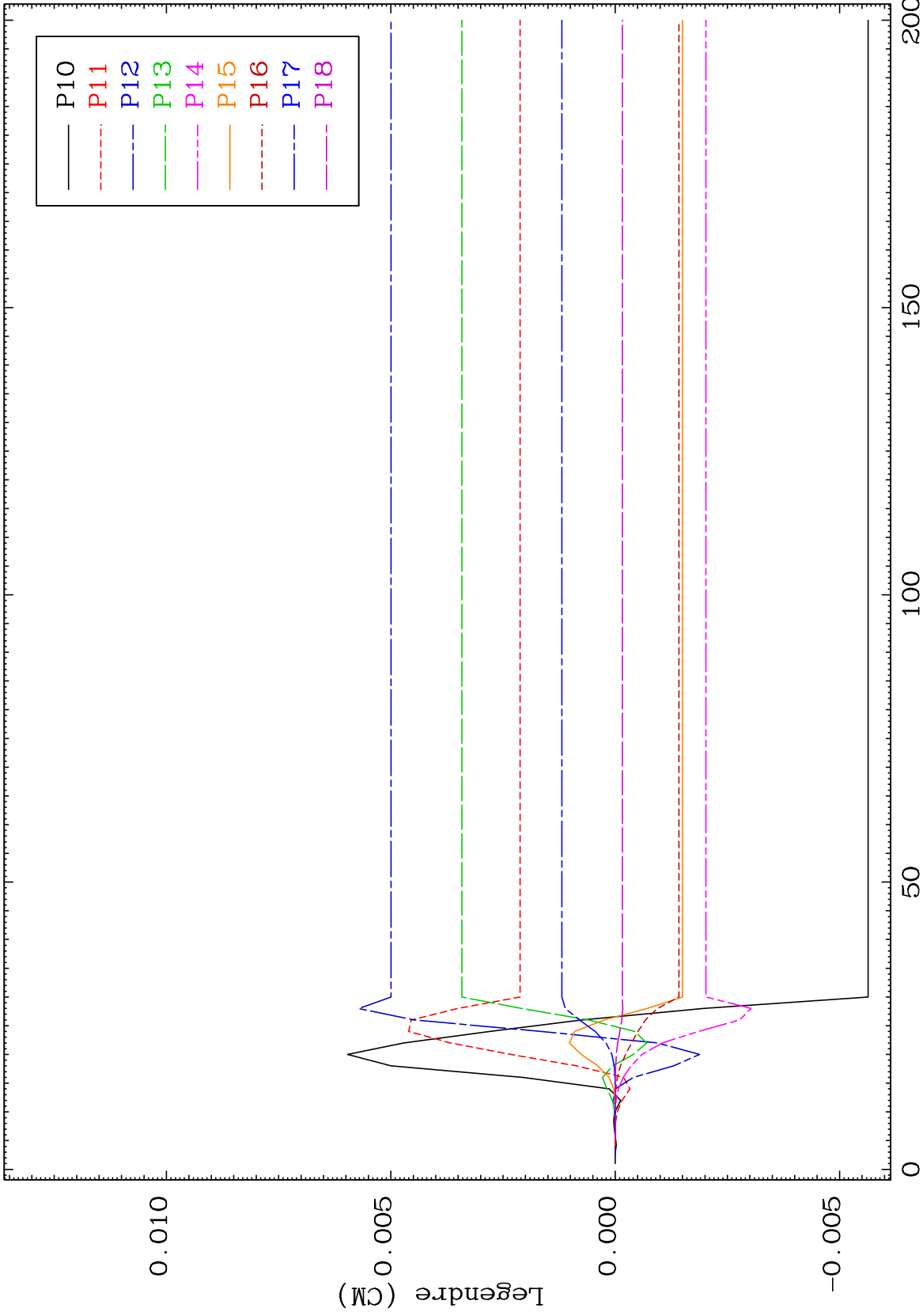
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



64

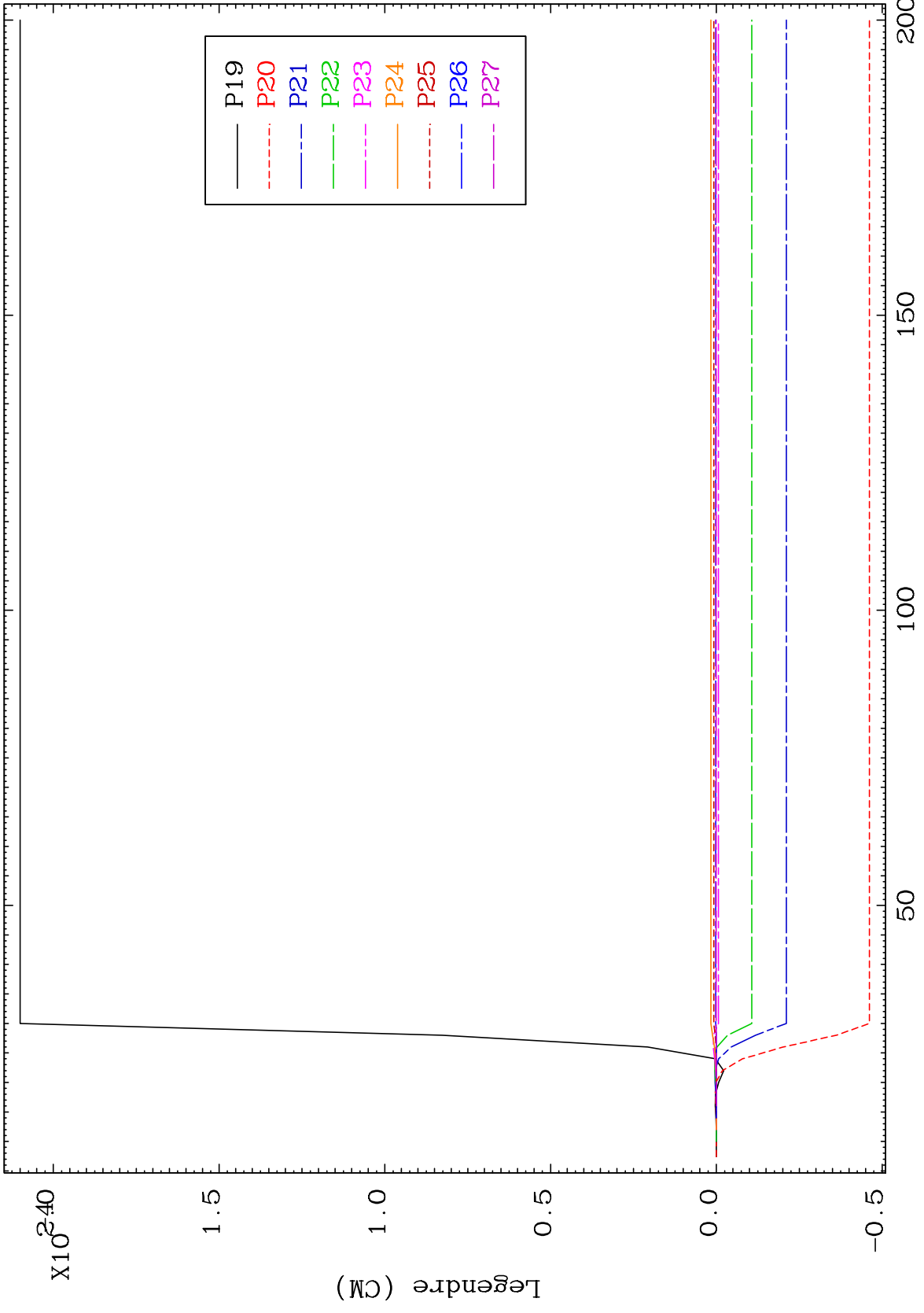
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



65

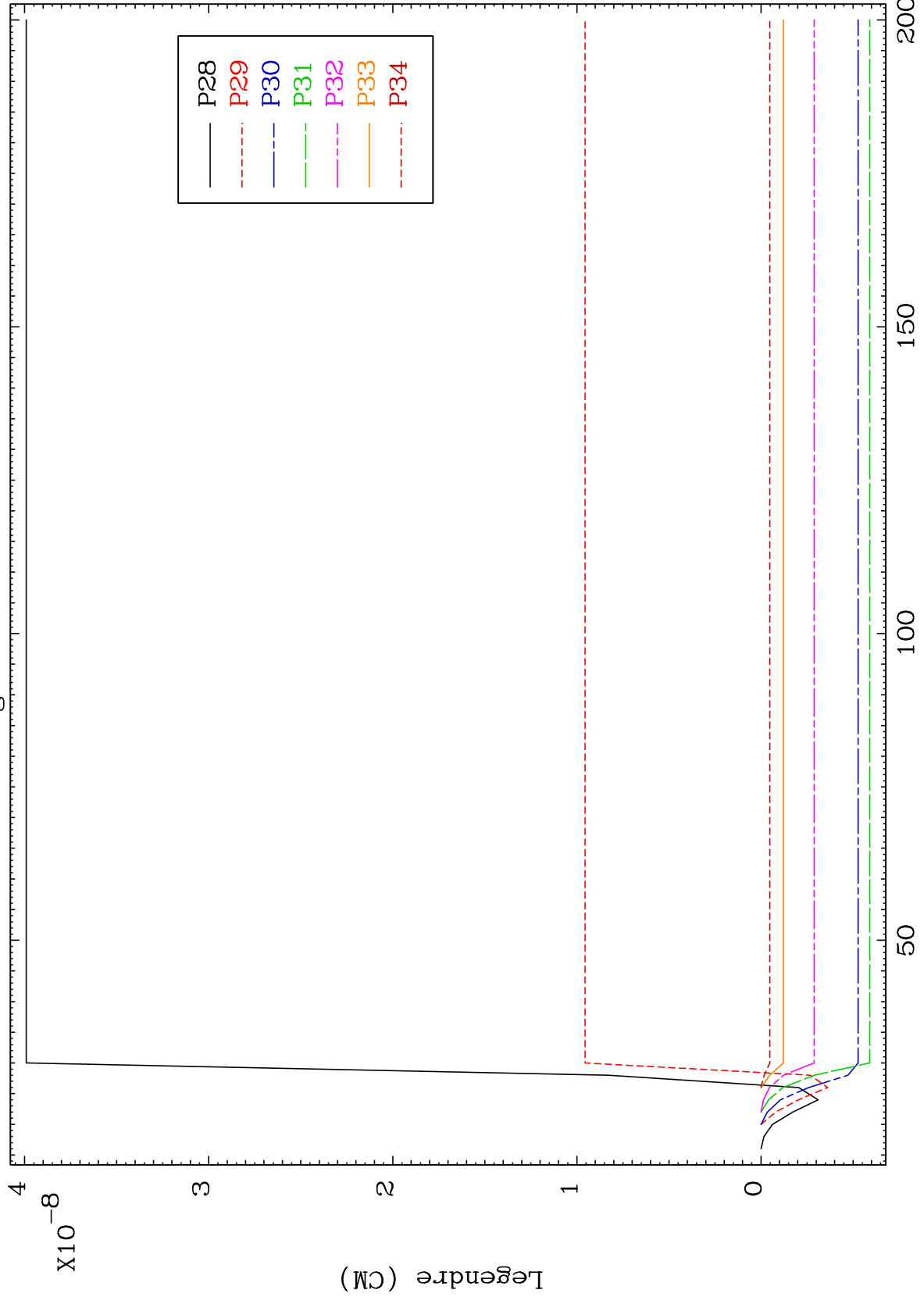
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



66

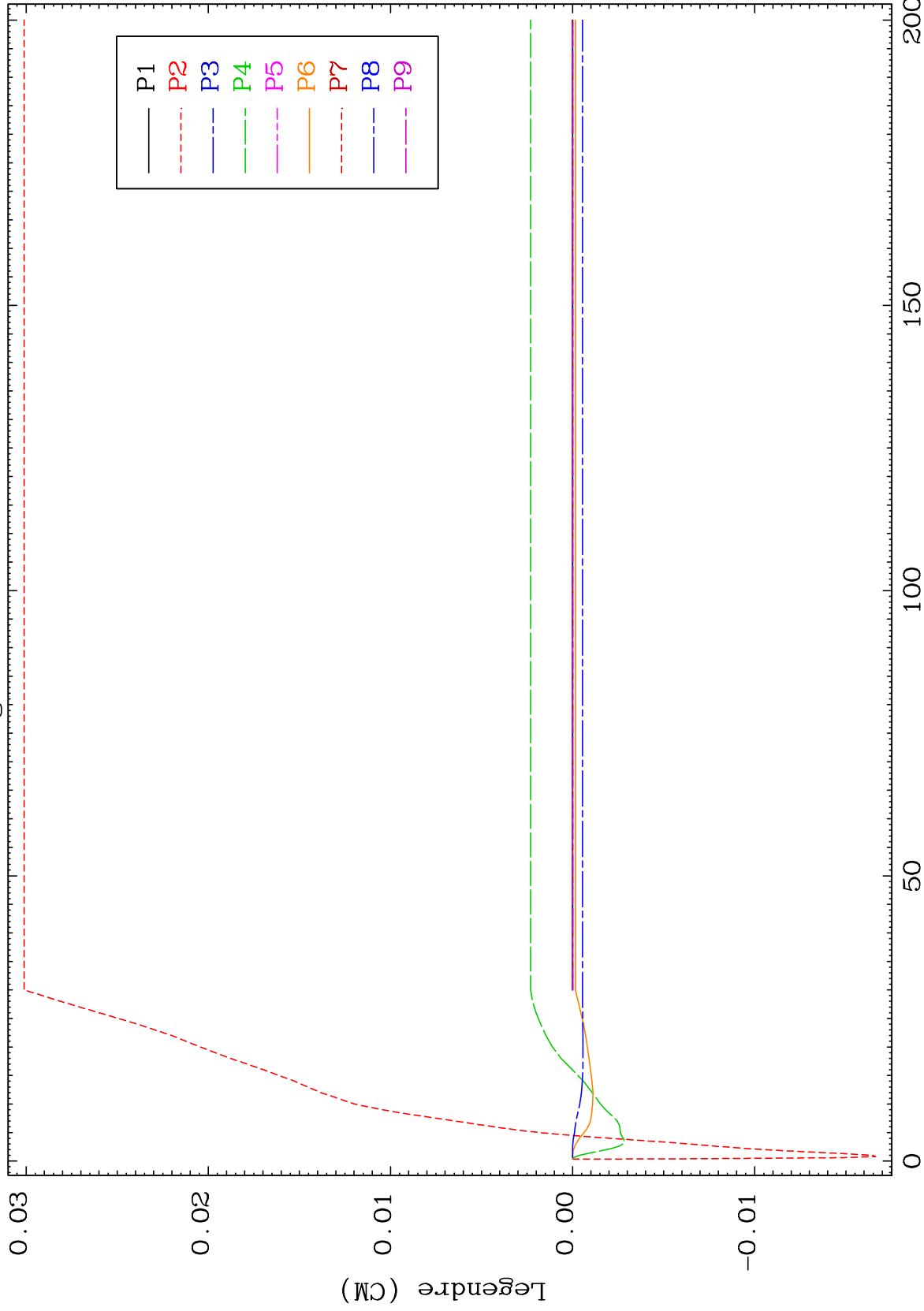
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



67

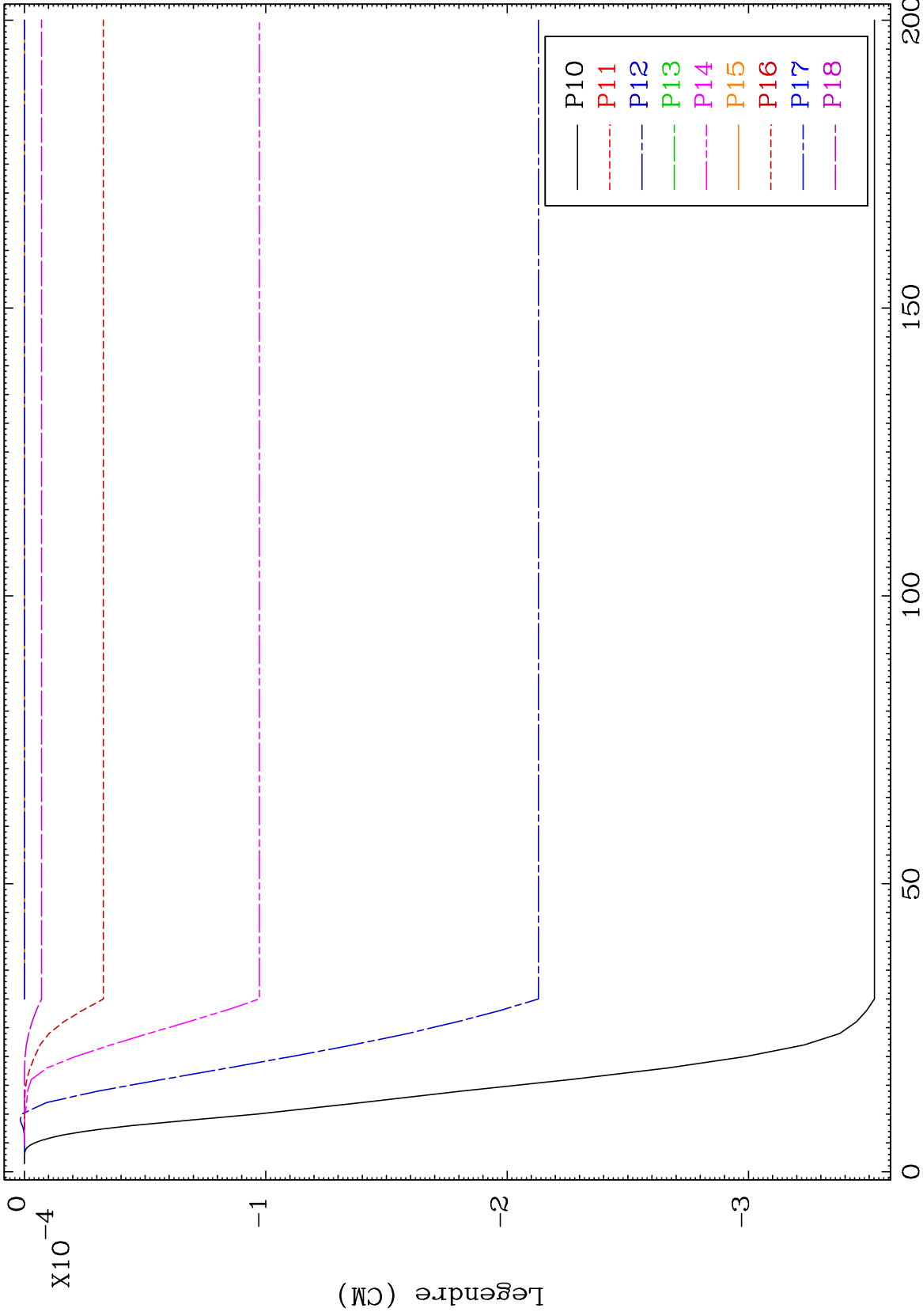
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



68

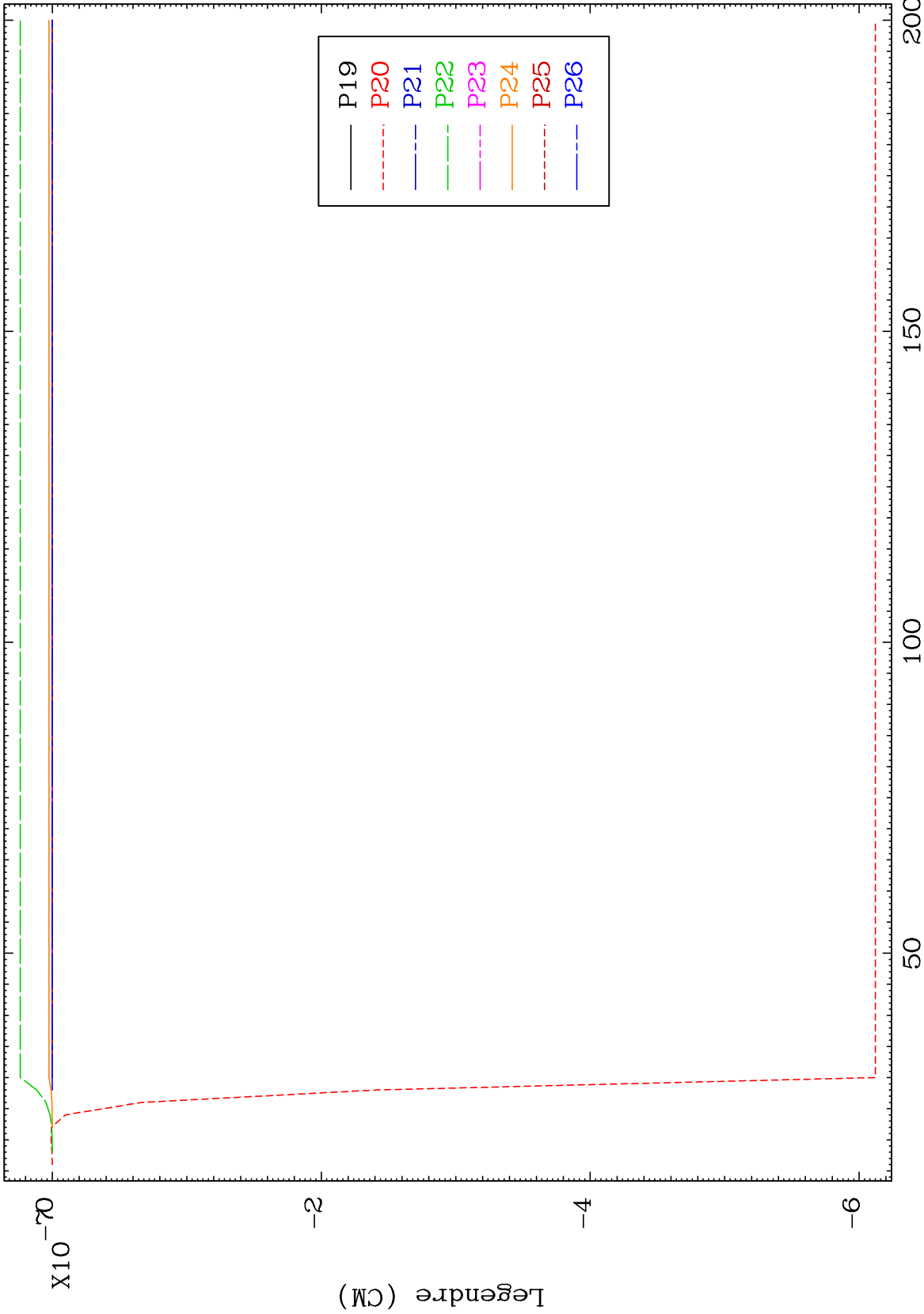
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



69

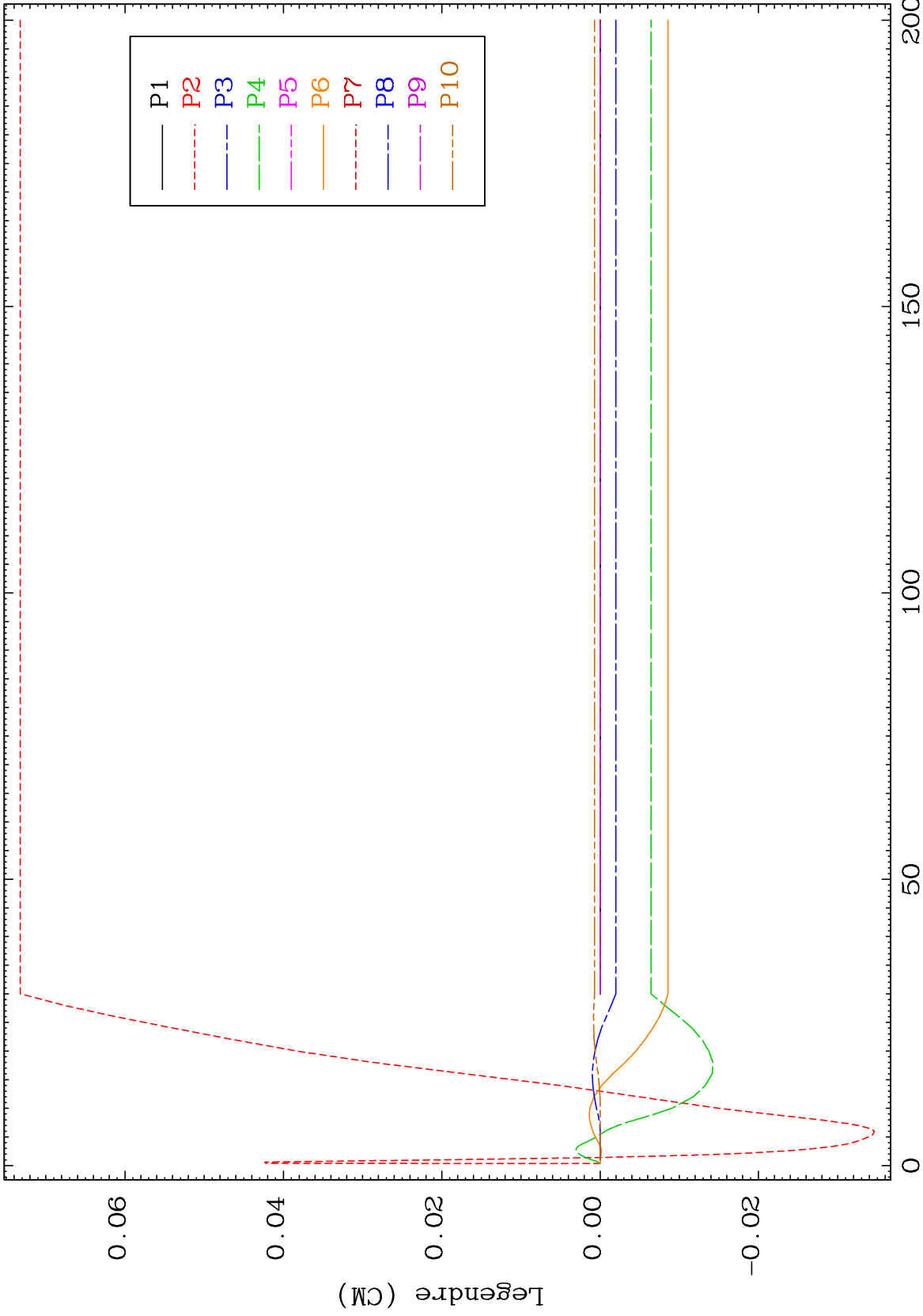
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184

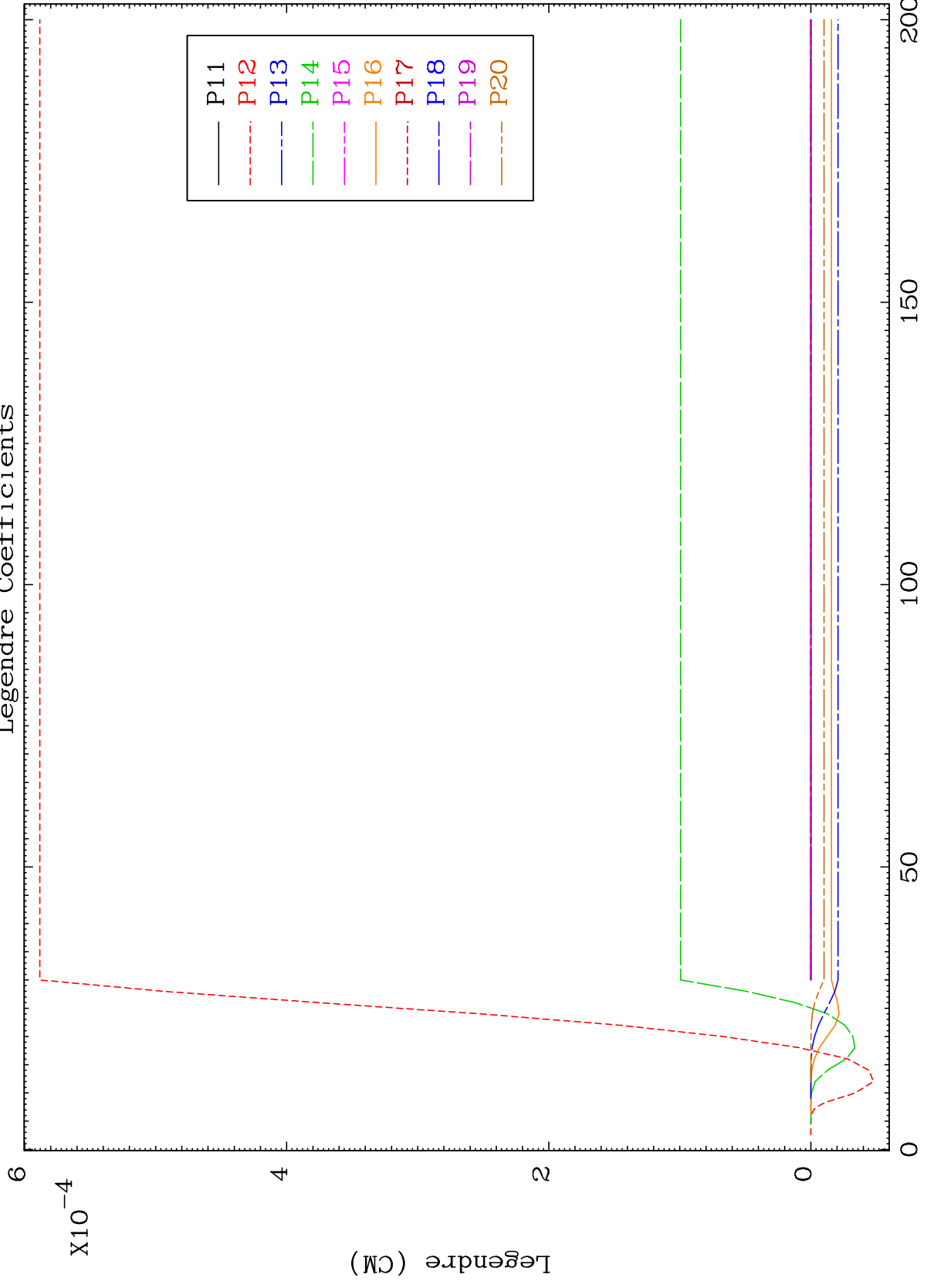


77-Ir-184

Incident Energy (MeV)

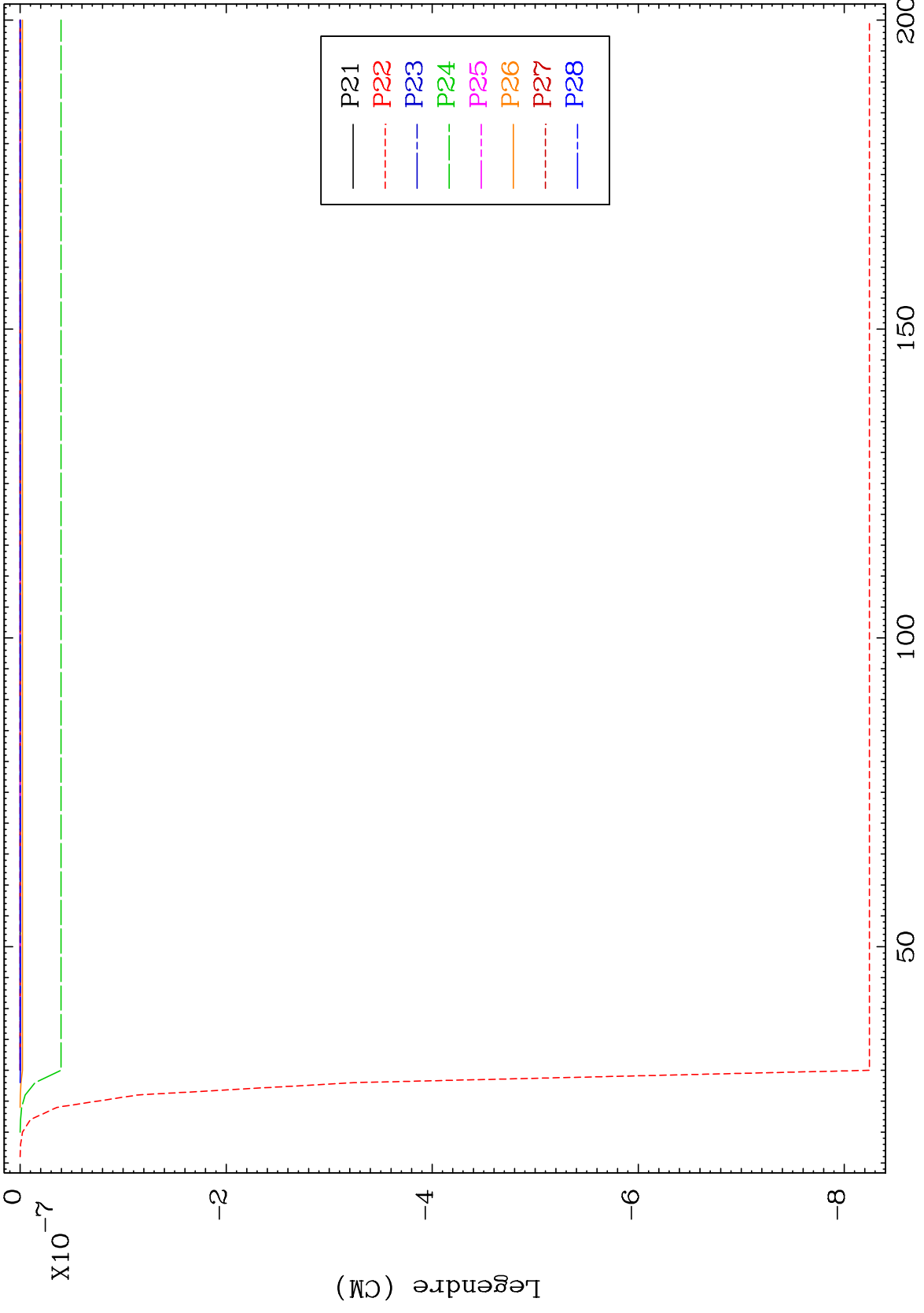
70

MAT 7704 MT= 65 (n,n') Level Legendre Coefficients 77-Ir-184



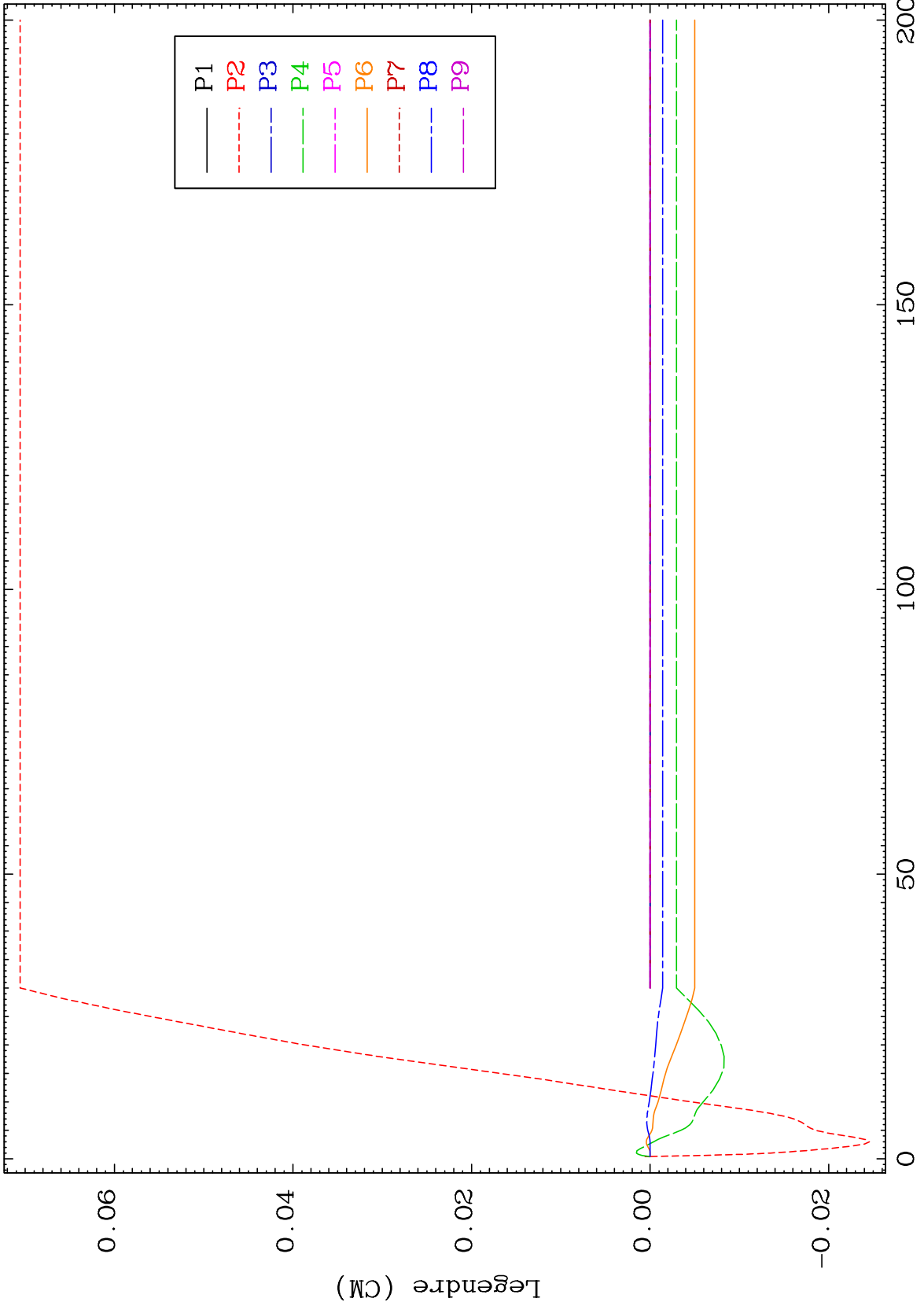
71 77-Ir-184

MAT 7704 MT= 65 (n,n') Level Legendre Coefficients 77-Ir-184



72 77-Ir-184

MAT 7704 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-184

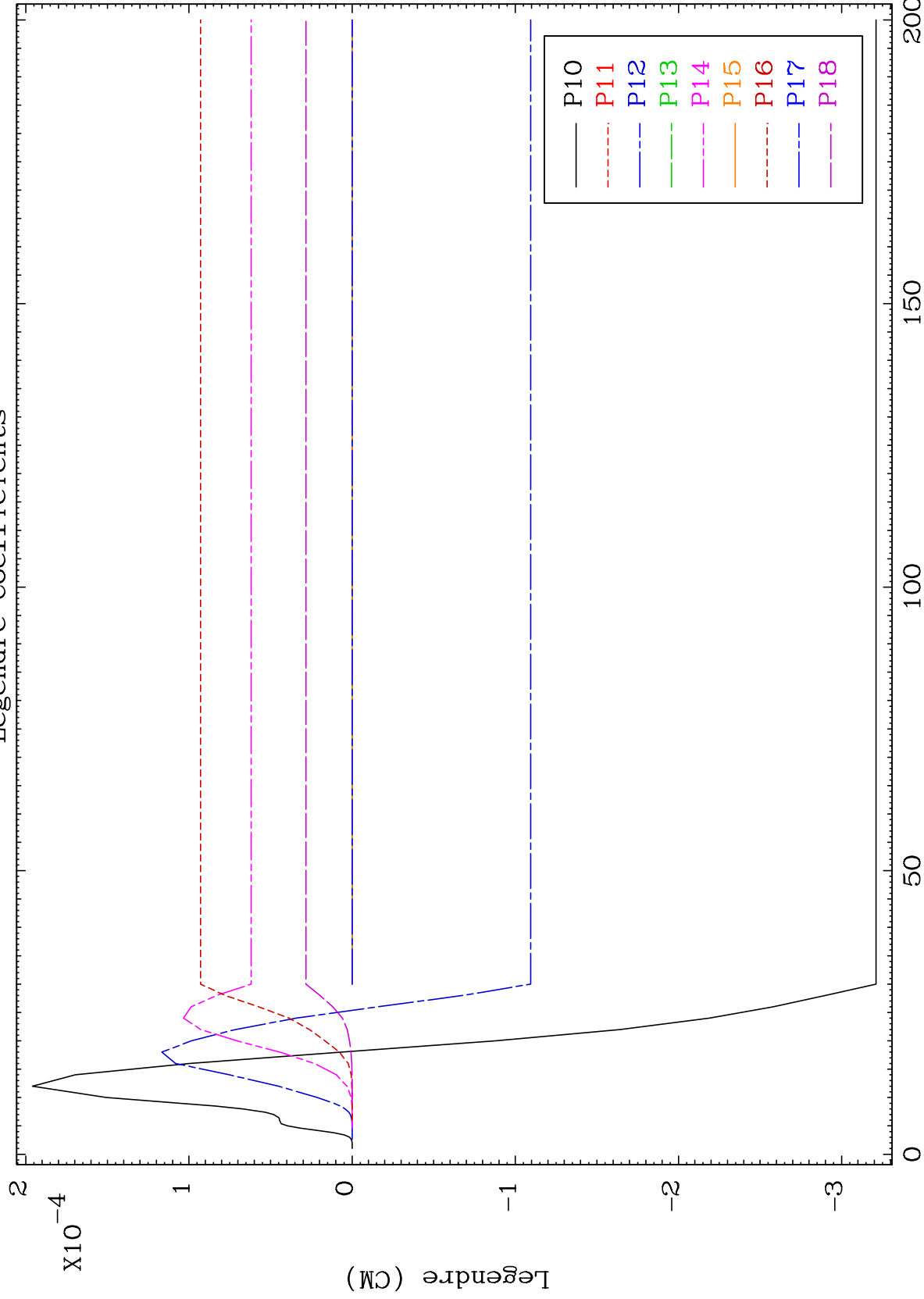


73 77-Ir-184

MAT 7704

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

77-Ir-184

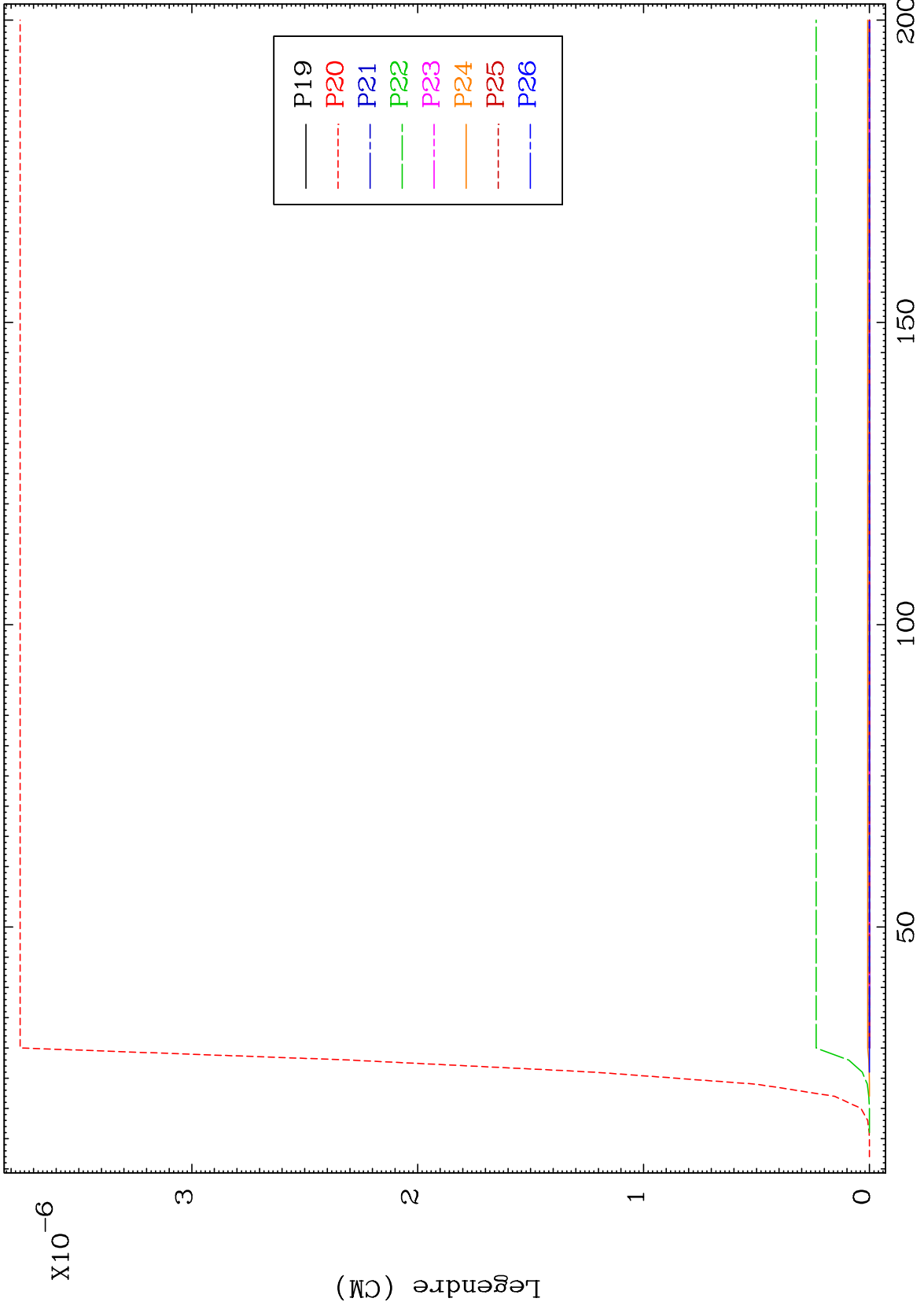


74

Incident Energy (MeV)

77-Ir-184

MAT 7704 MT= 66 (n,n') Level Legendre Coefficients 77-Ir-184

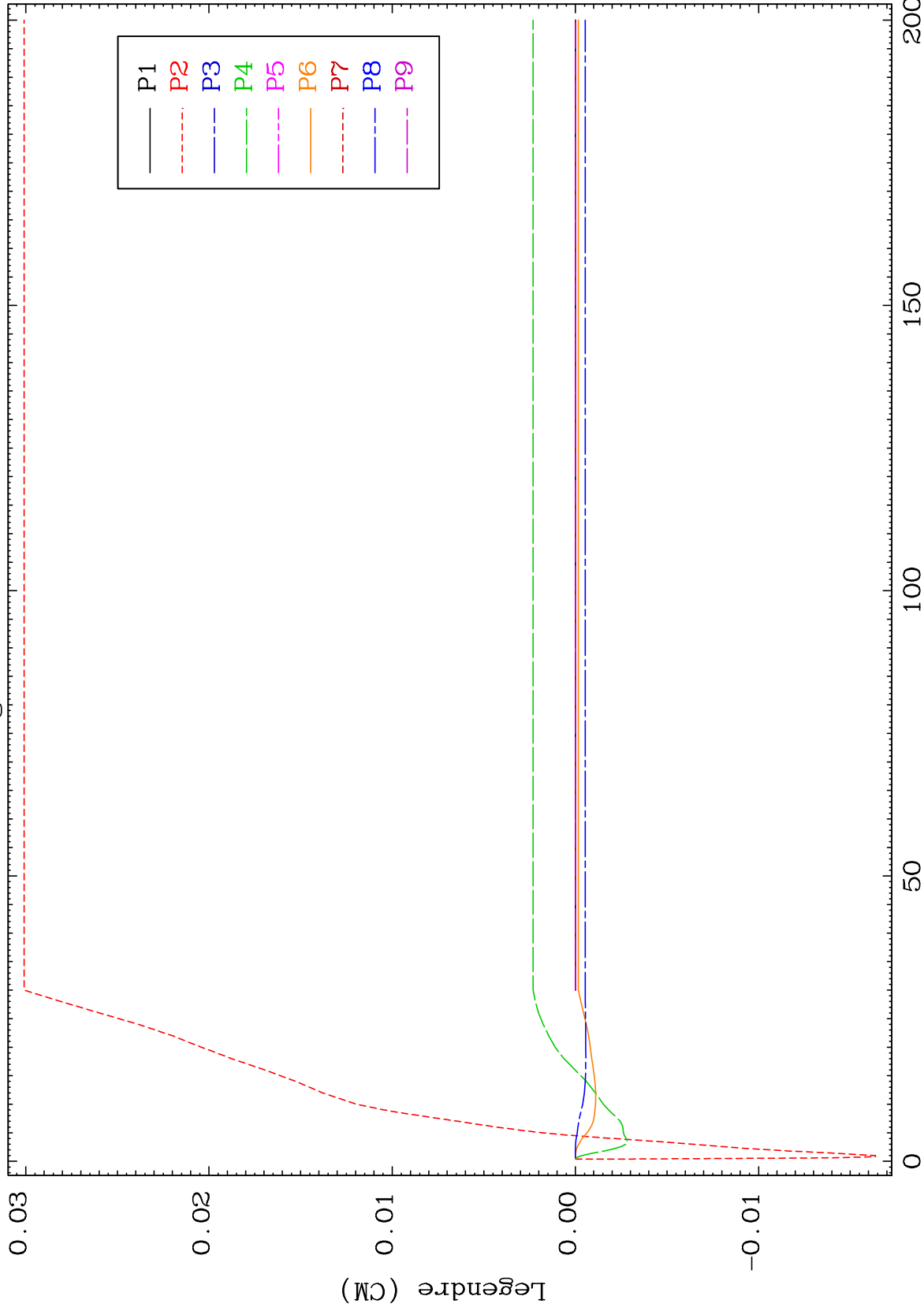


77-Ir-184

MAT 7704

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

77-Ir-184



76

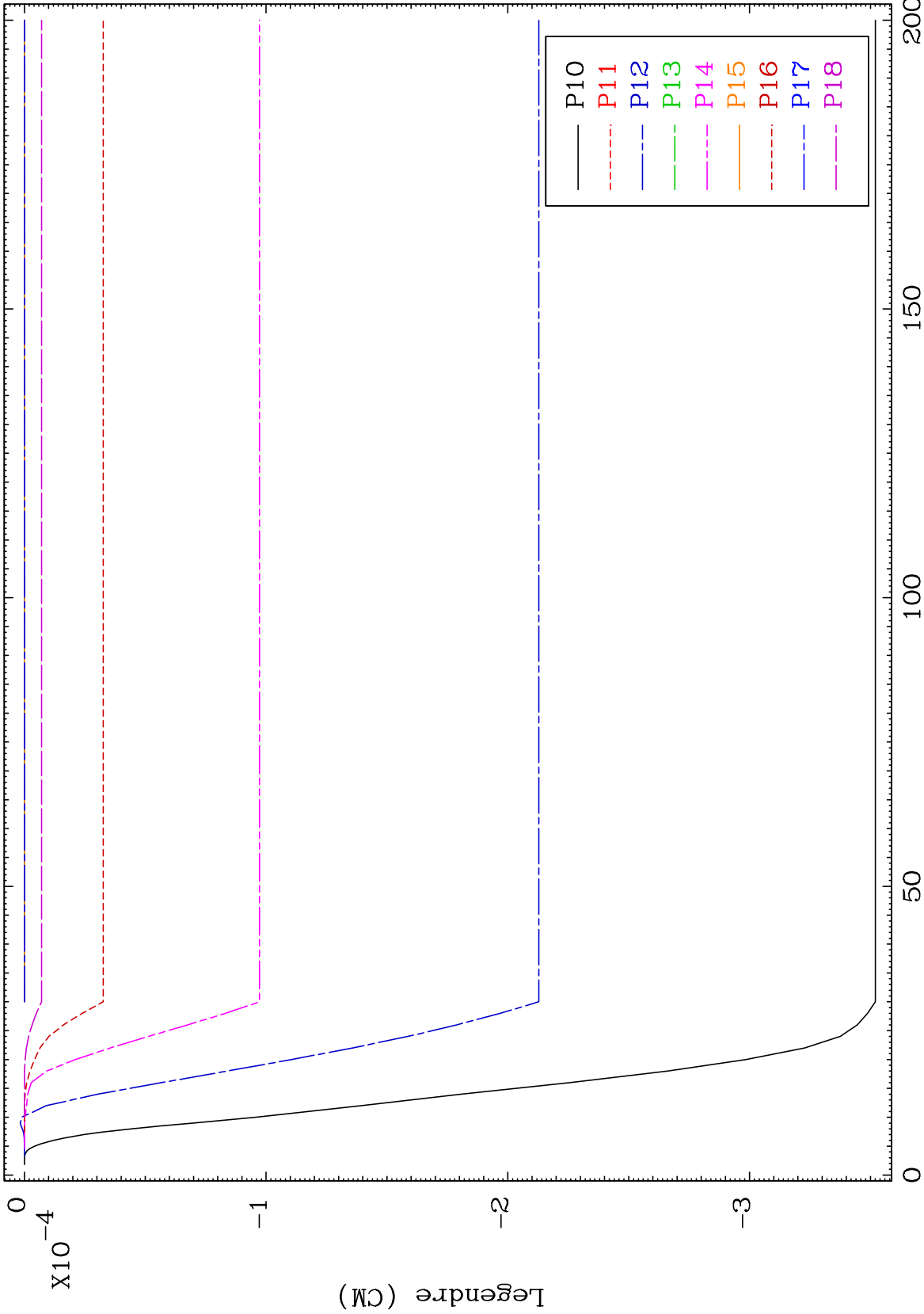
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



77

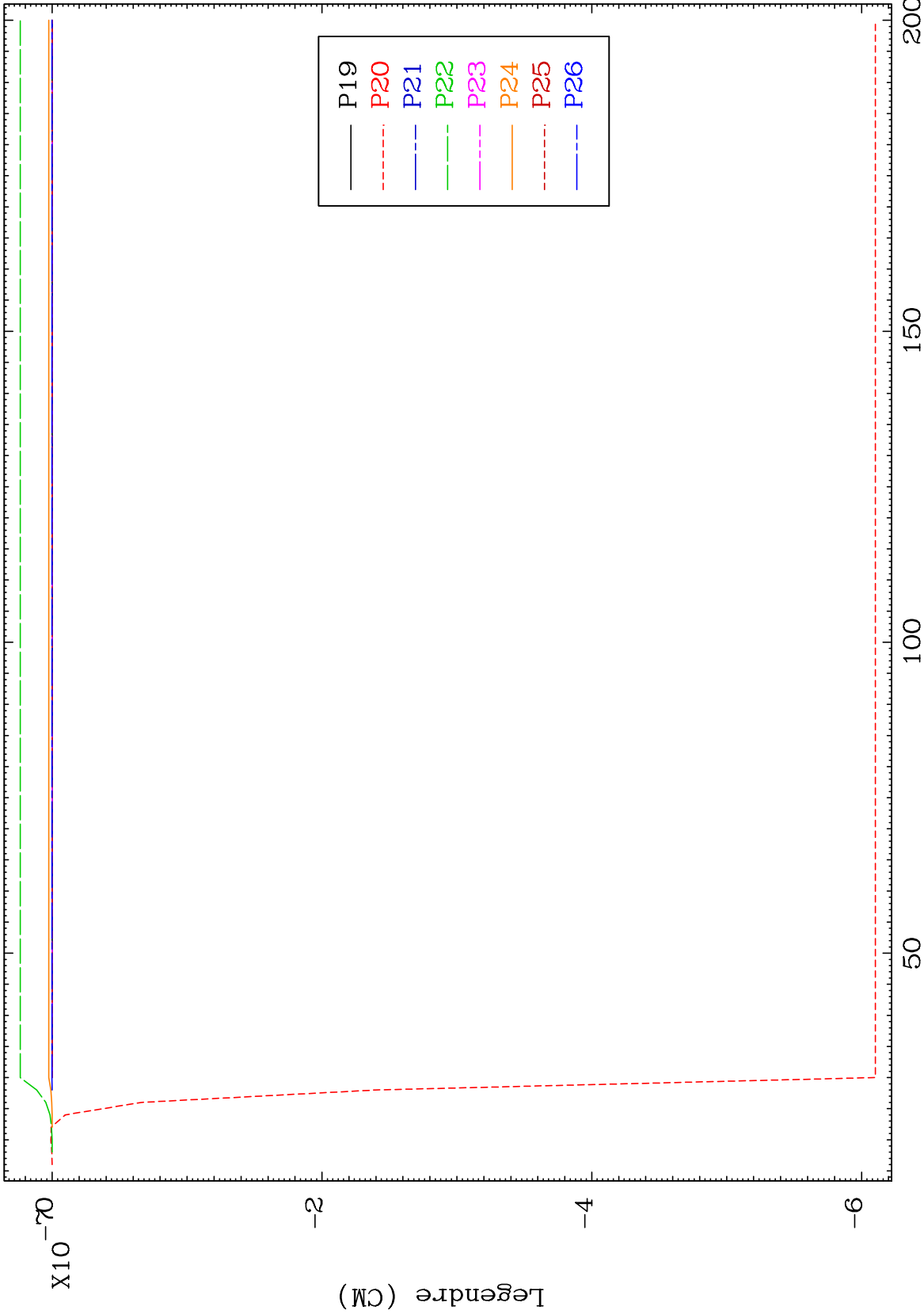
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



78

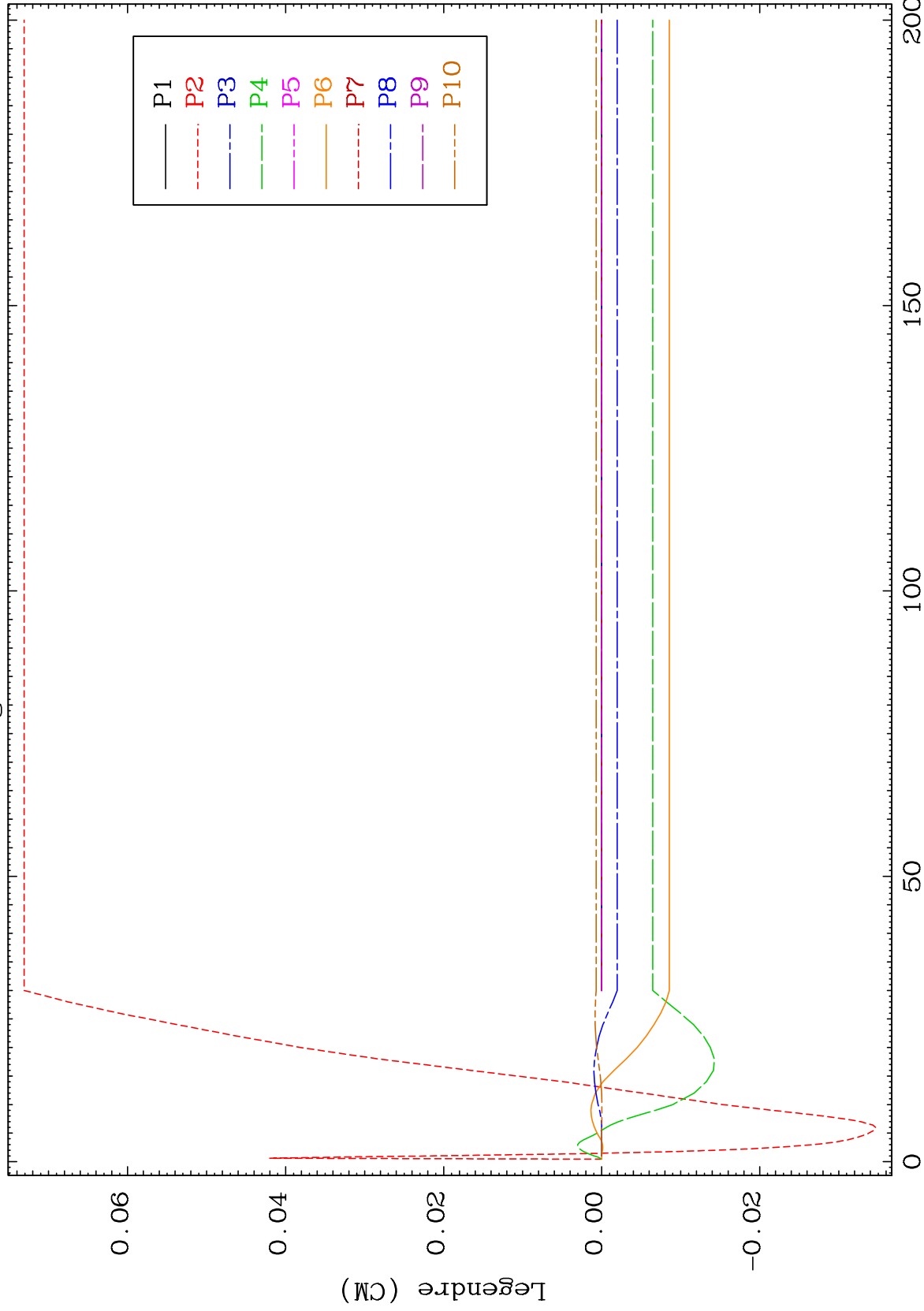
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



79

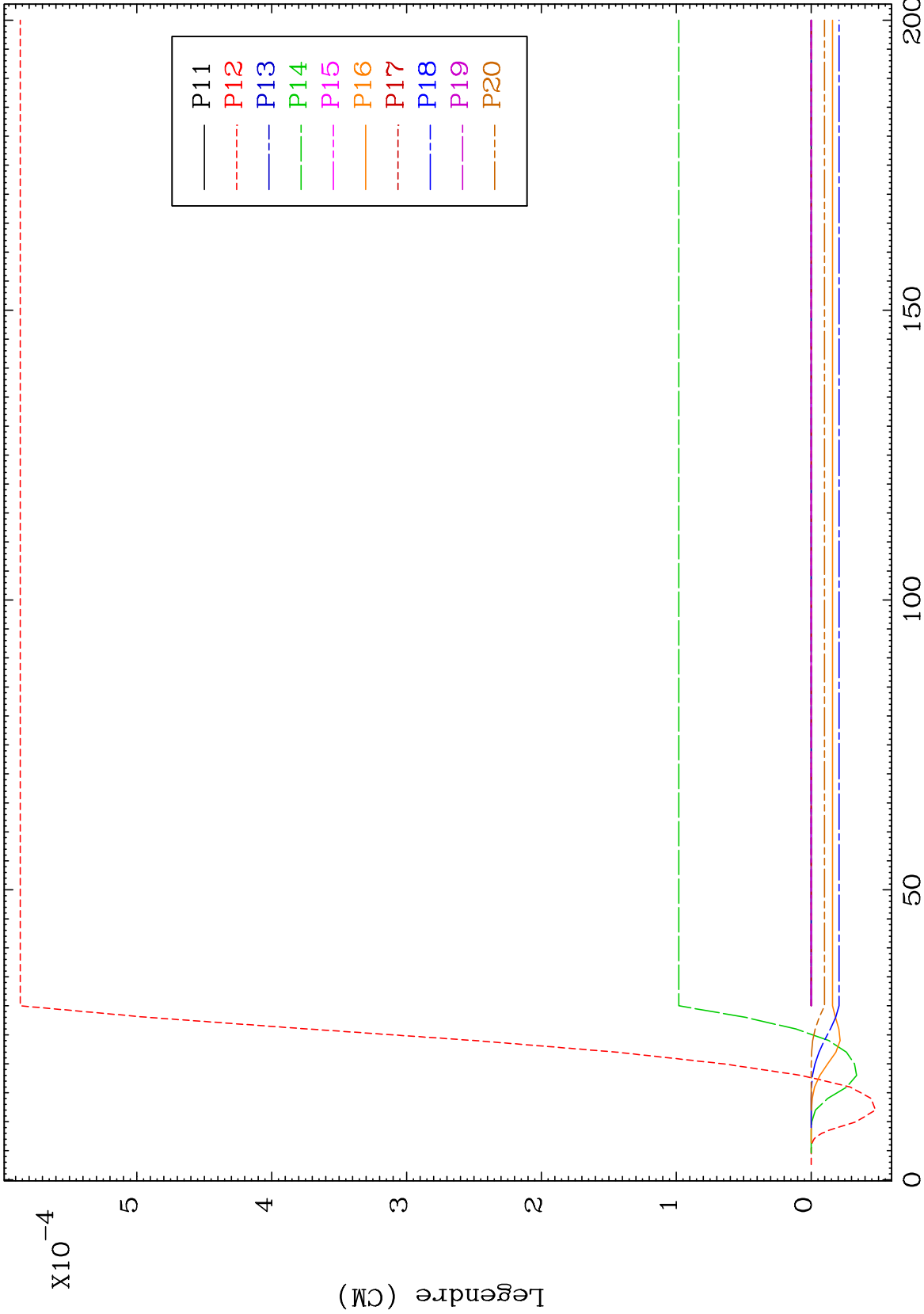
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184

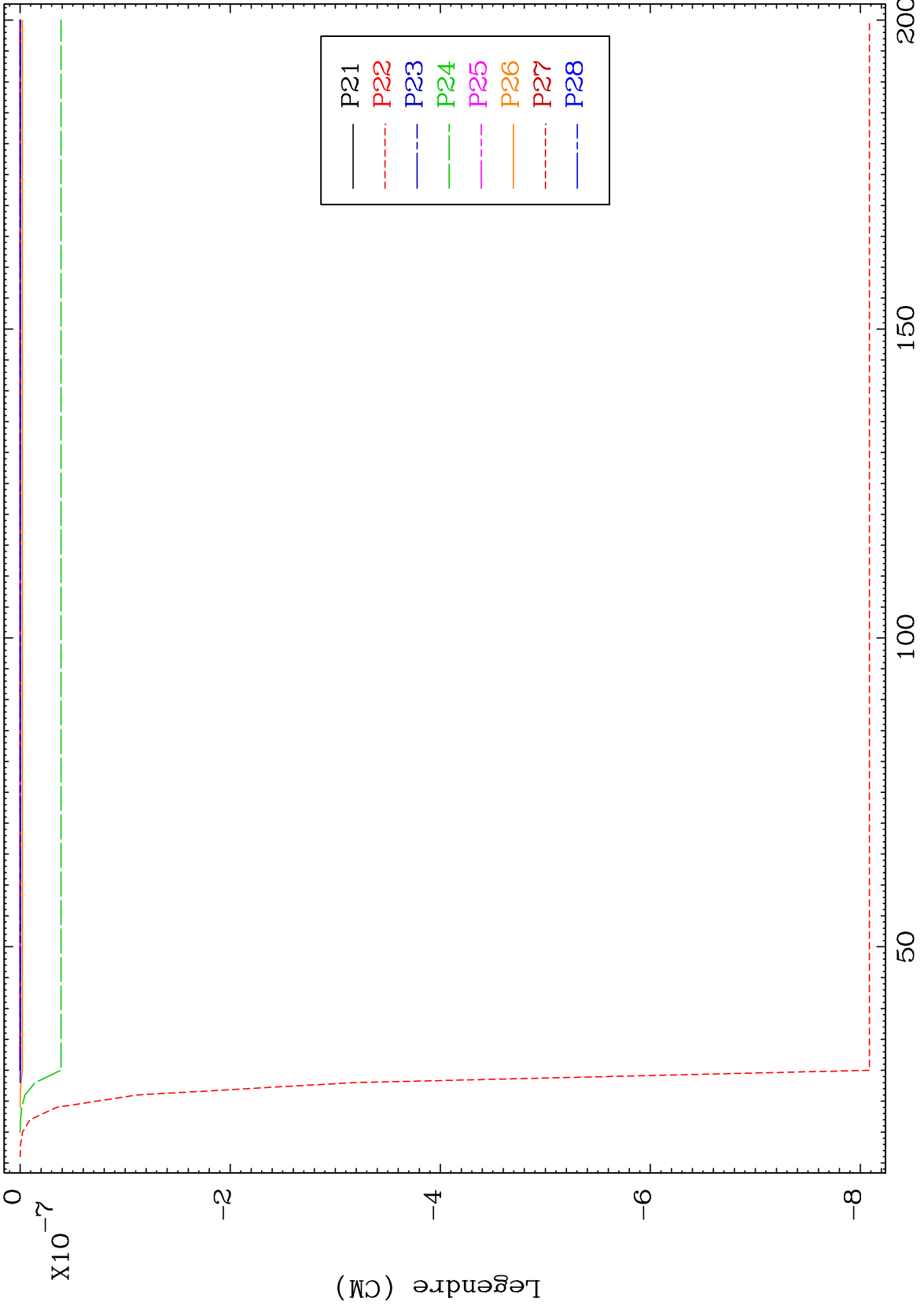


80

Incident Energy (MeV)

77-Ir-184

MAT 7704 MT= 68 (n,n') Level Legendre Coefficients 77-Ir-184

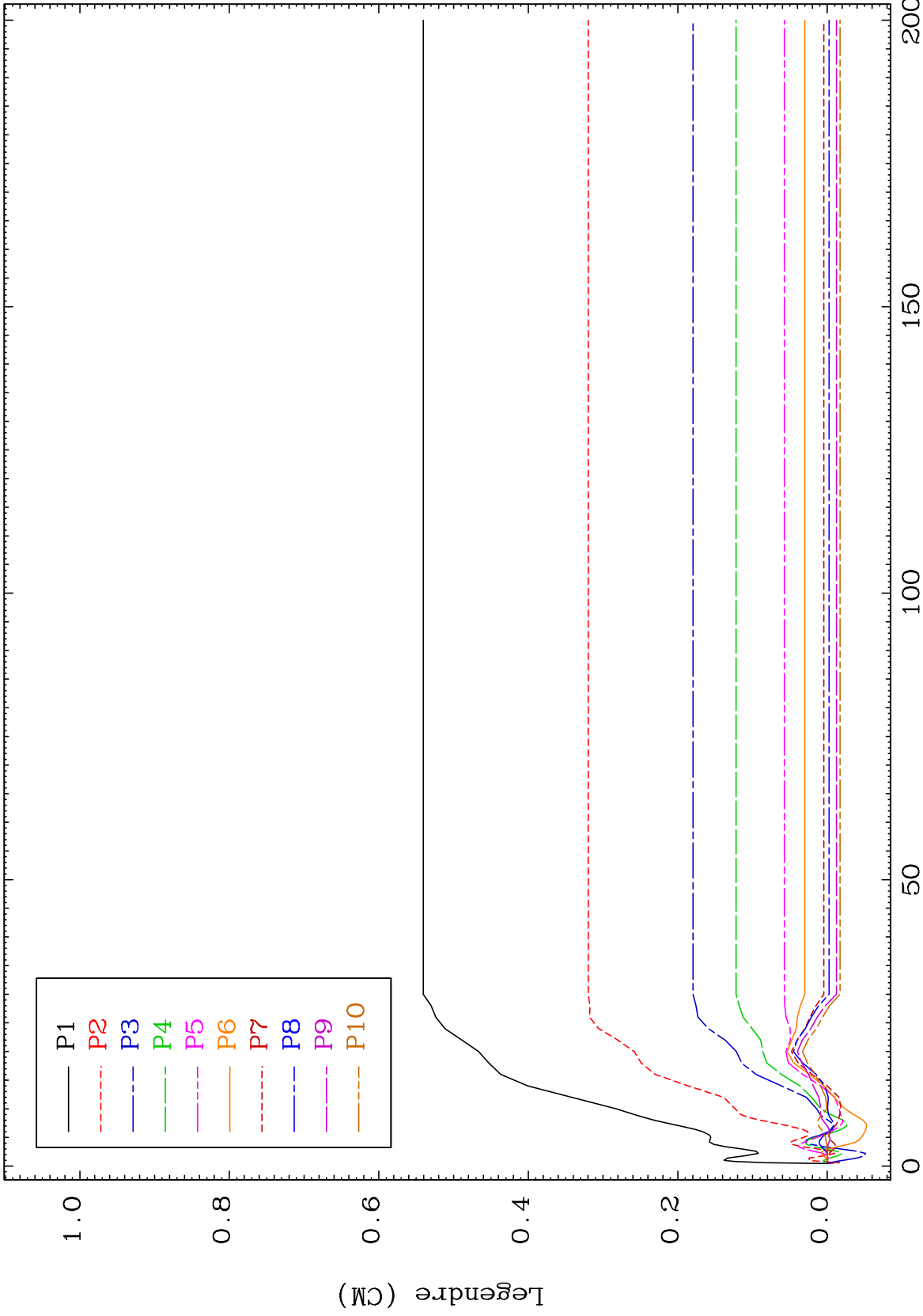


81 77-Ir-184

MAT 7704

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

77-Ir-184



82

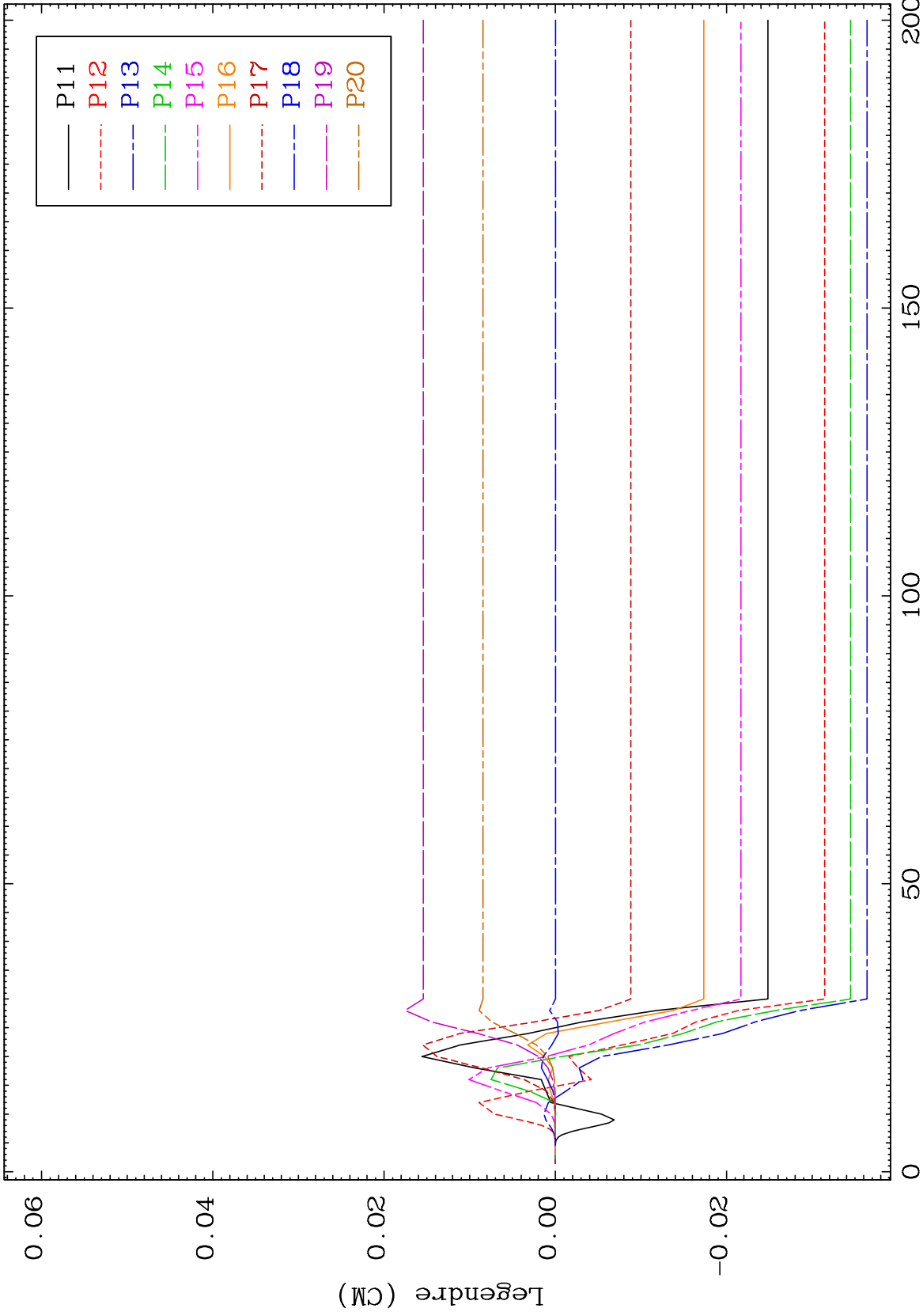
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



83

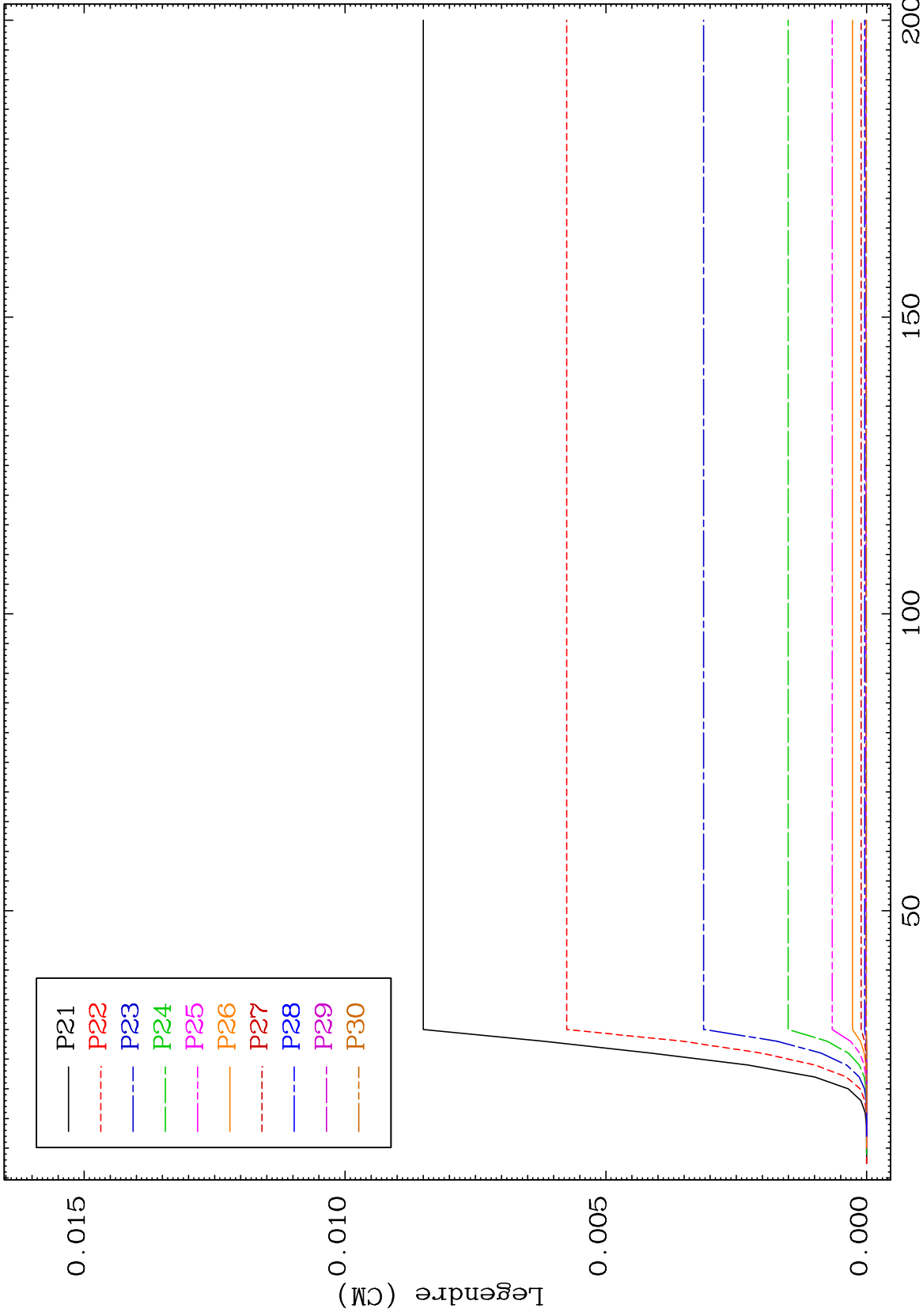
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



84

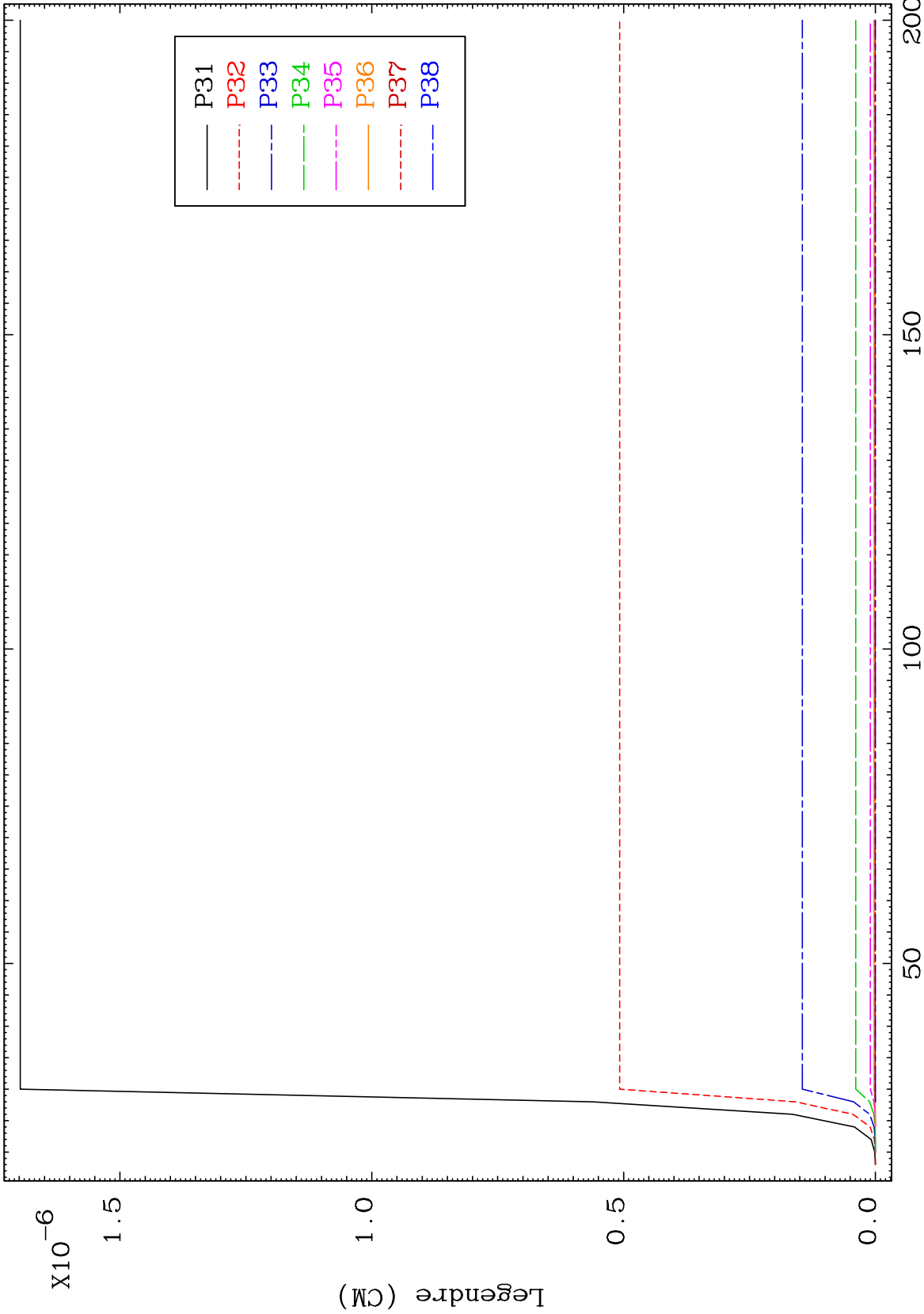
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



85

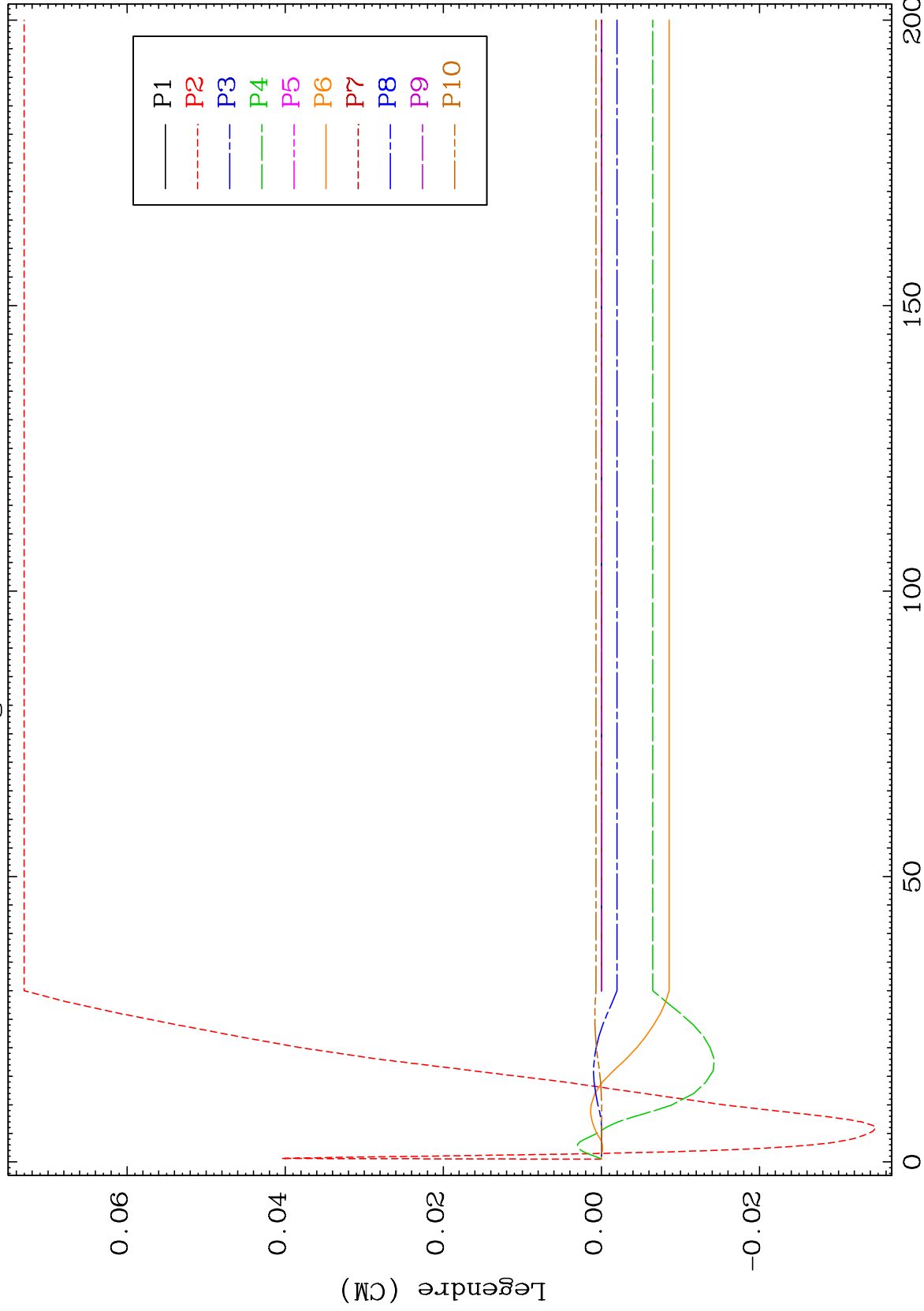
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



86

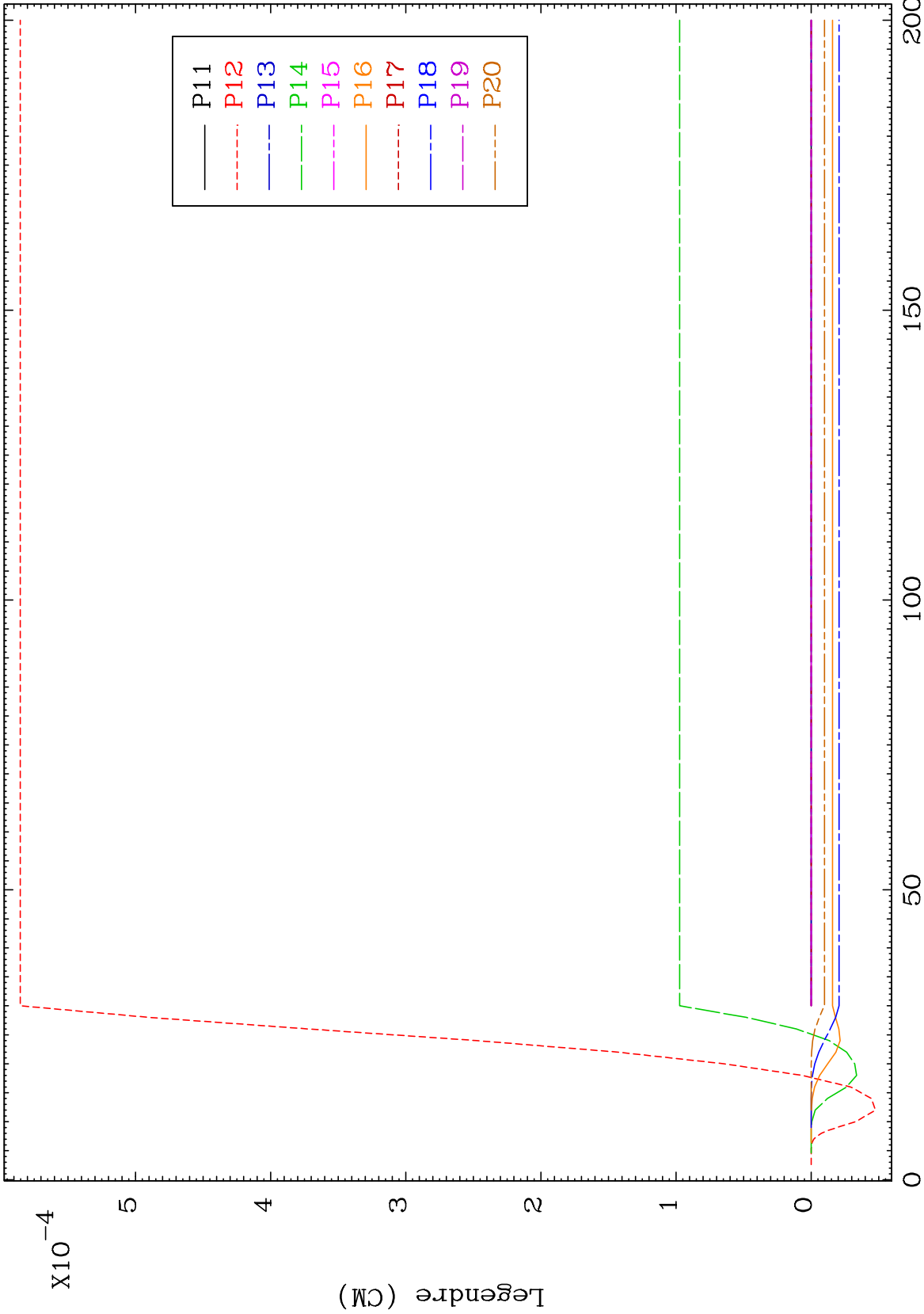
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



87

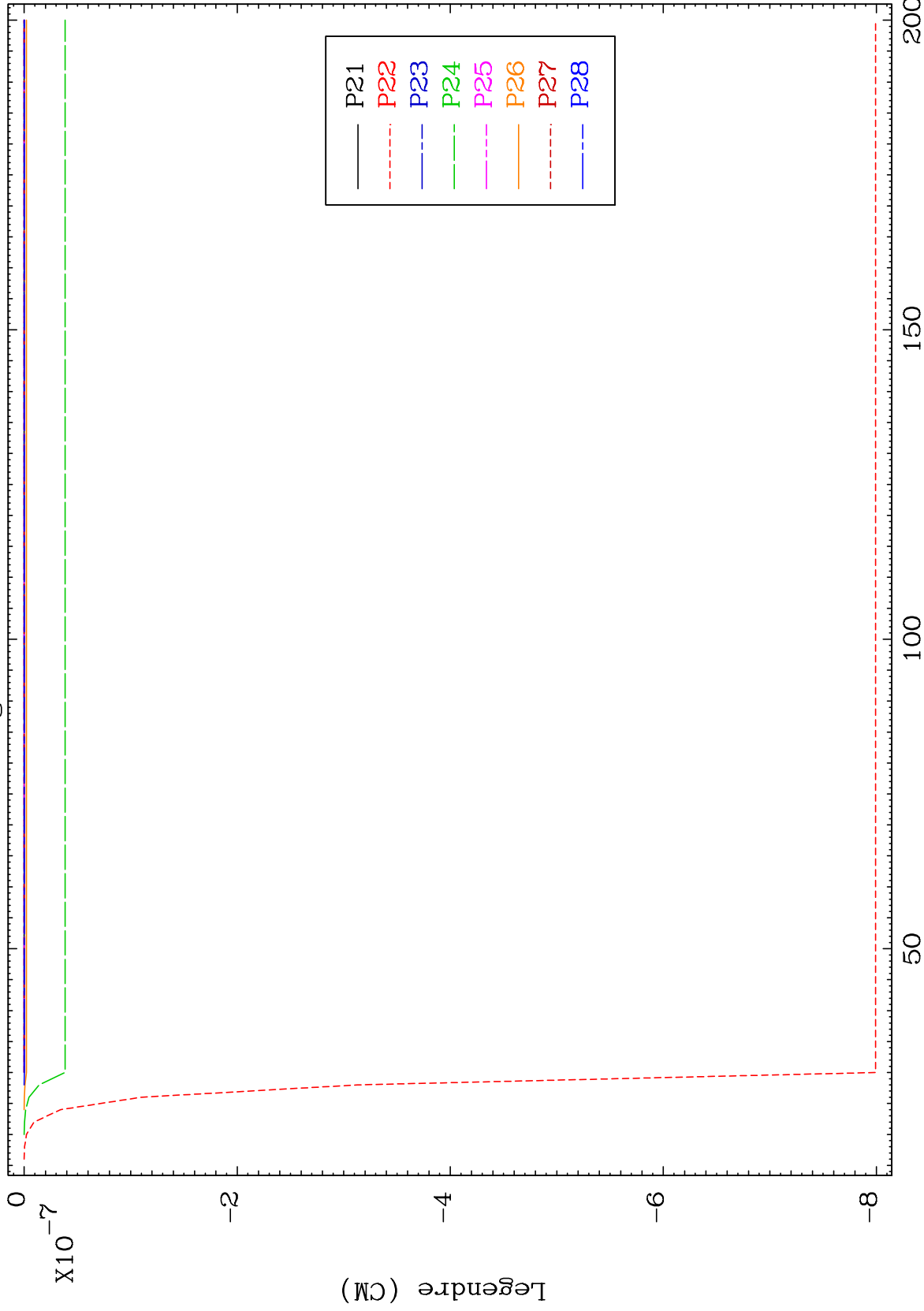
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



88

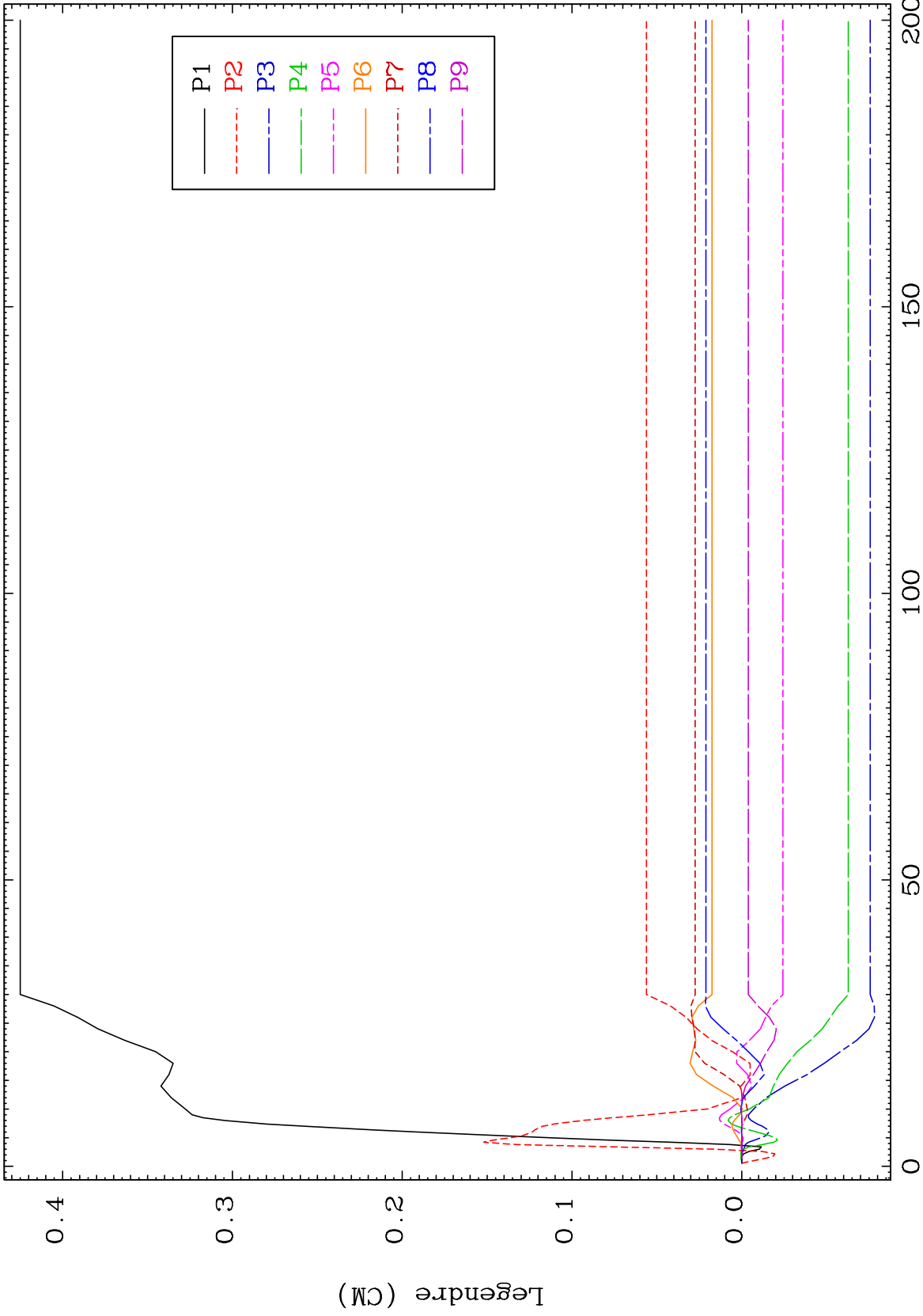
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



89

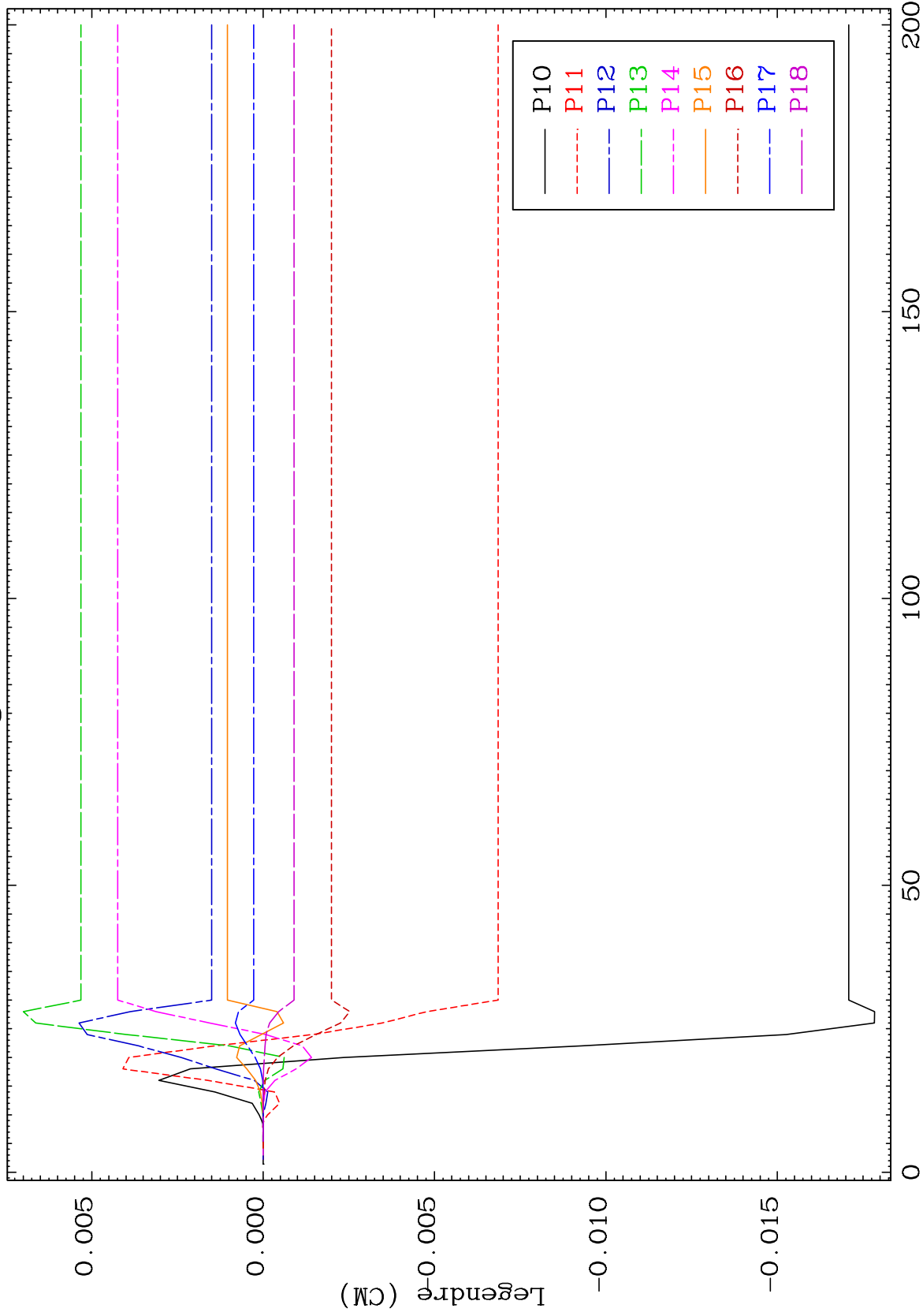
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



90

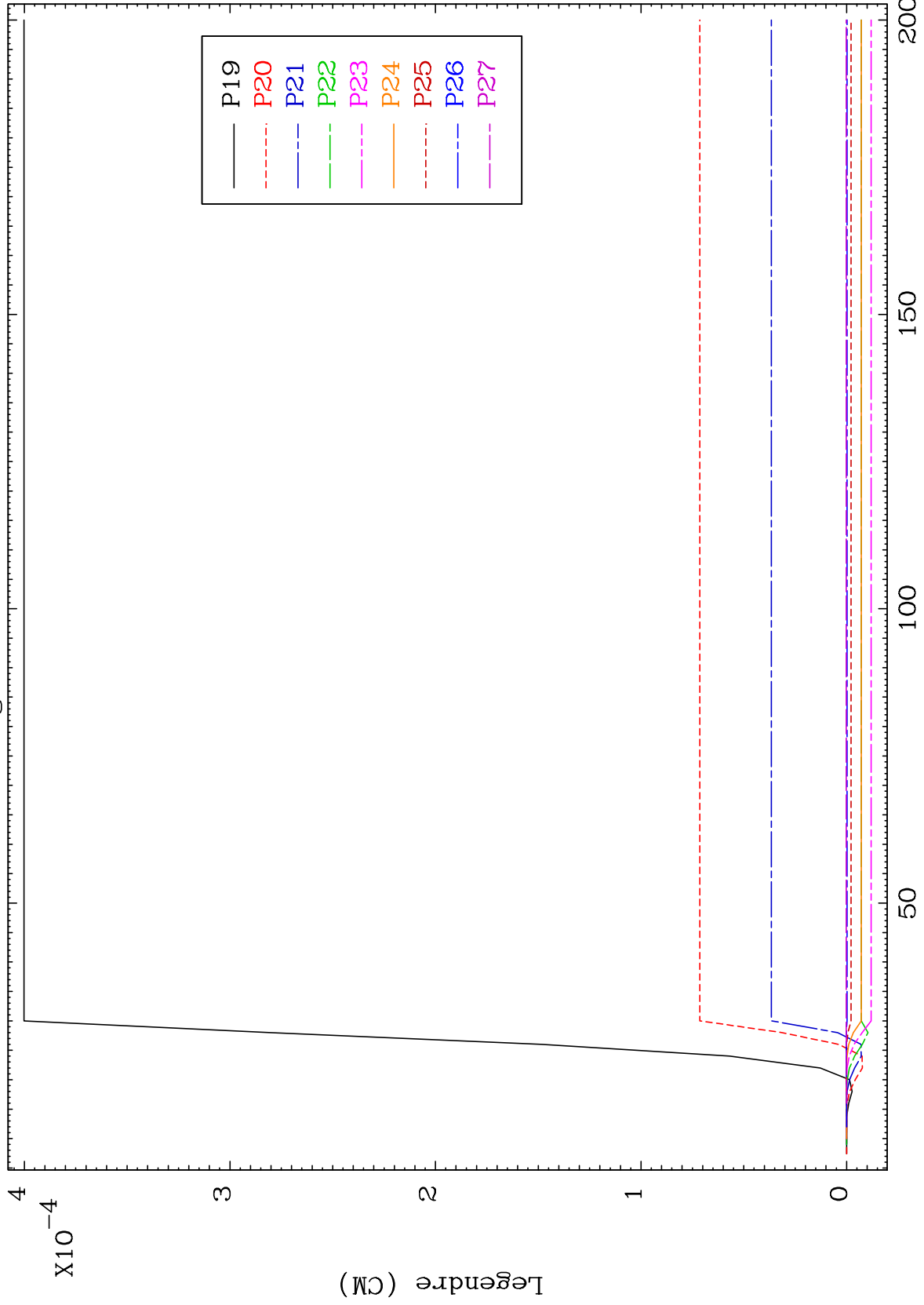
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



91

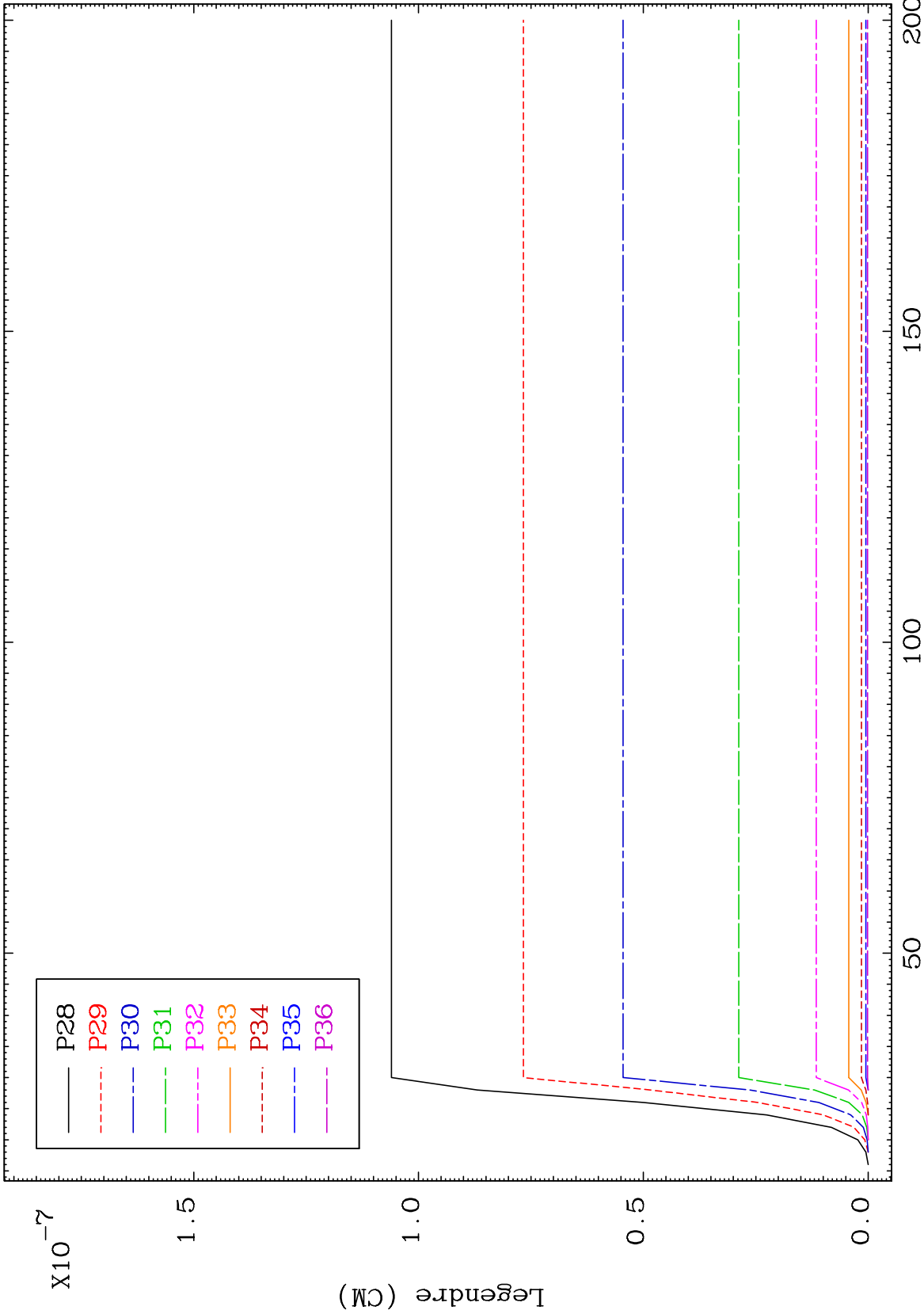
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



92

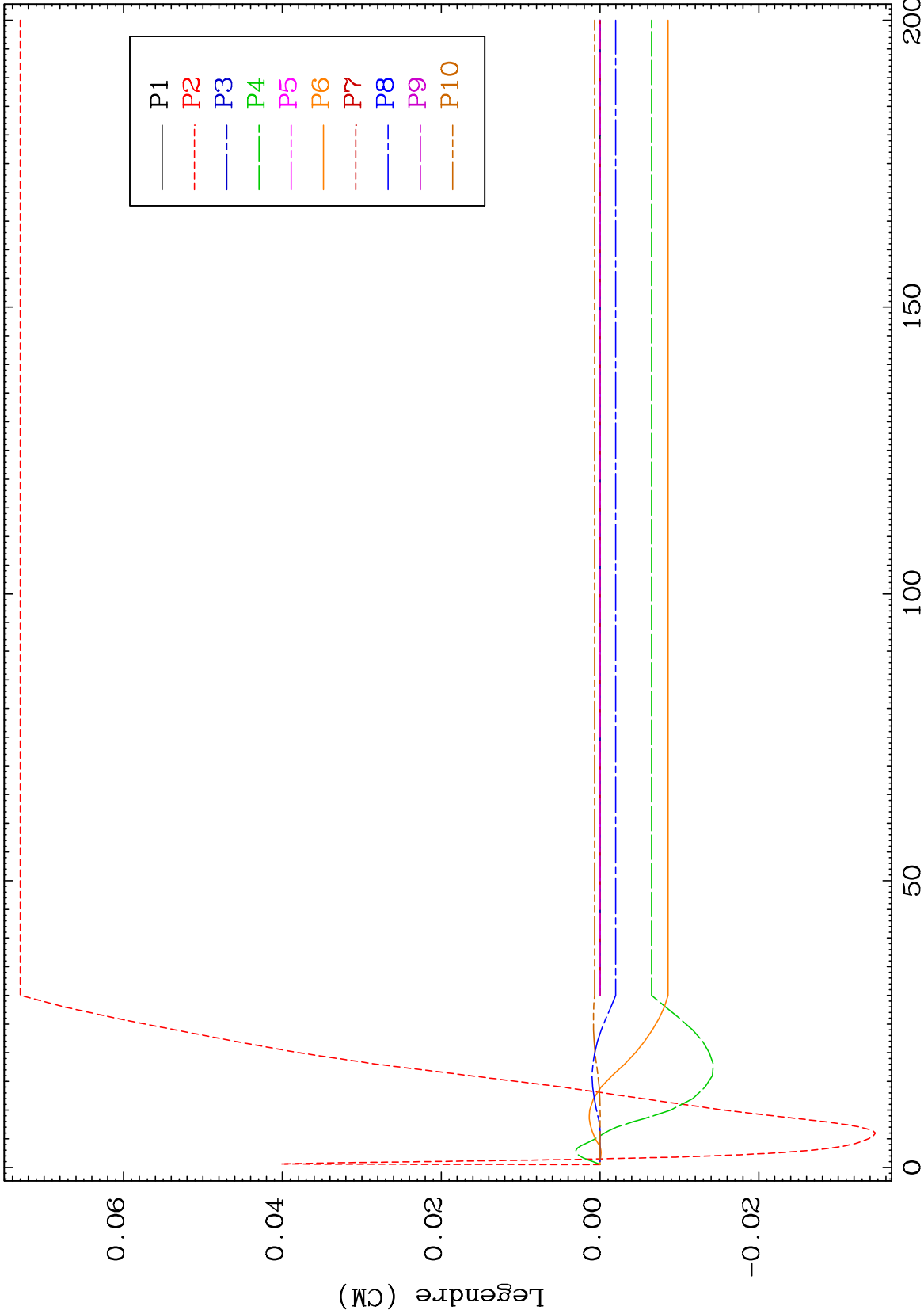
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



93

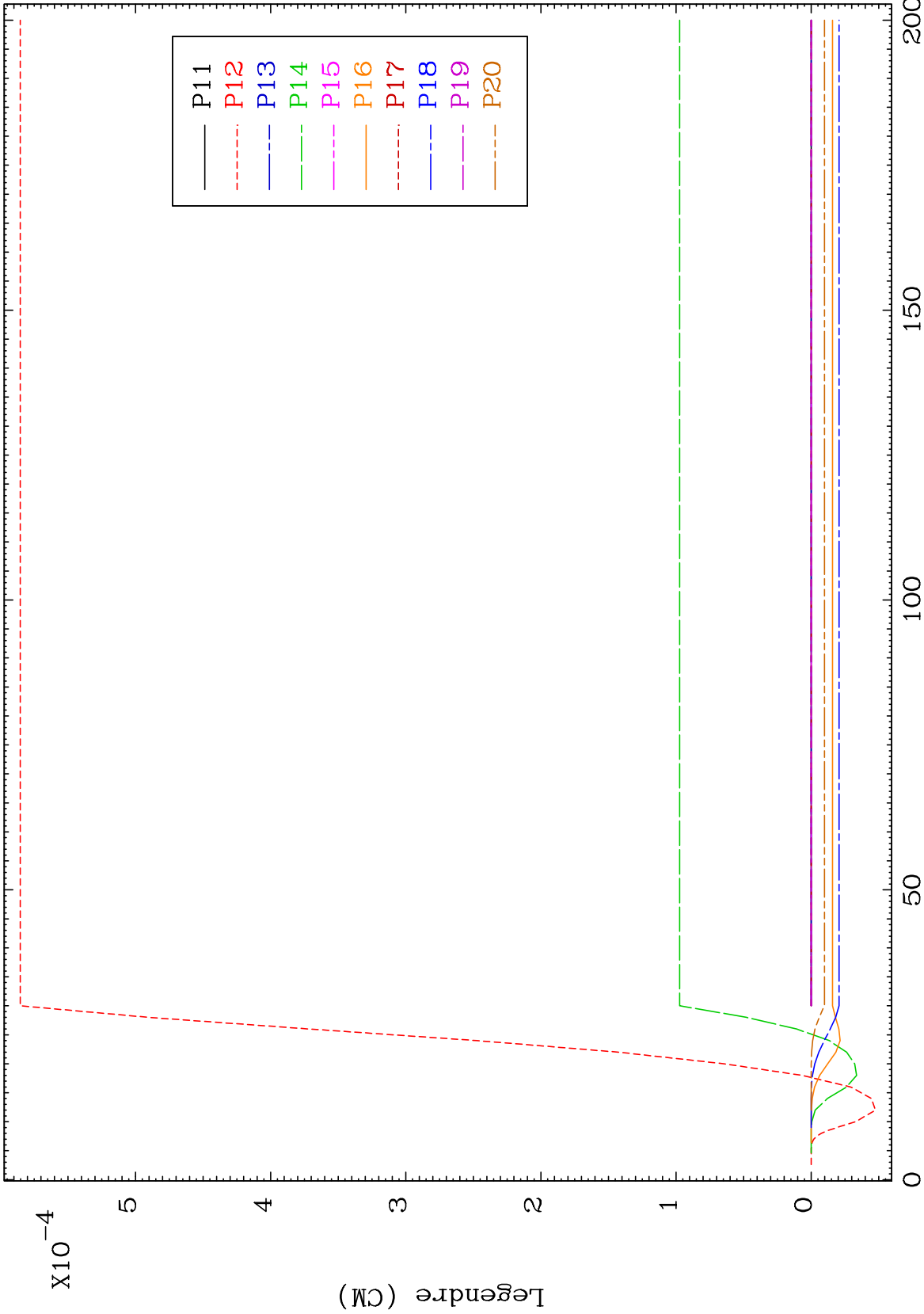
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184

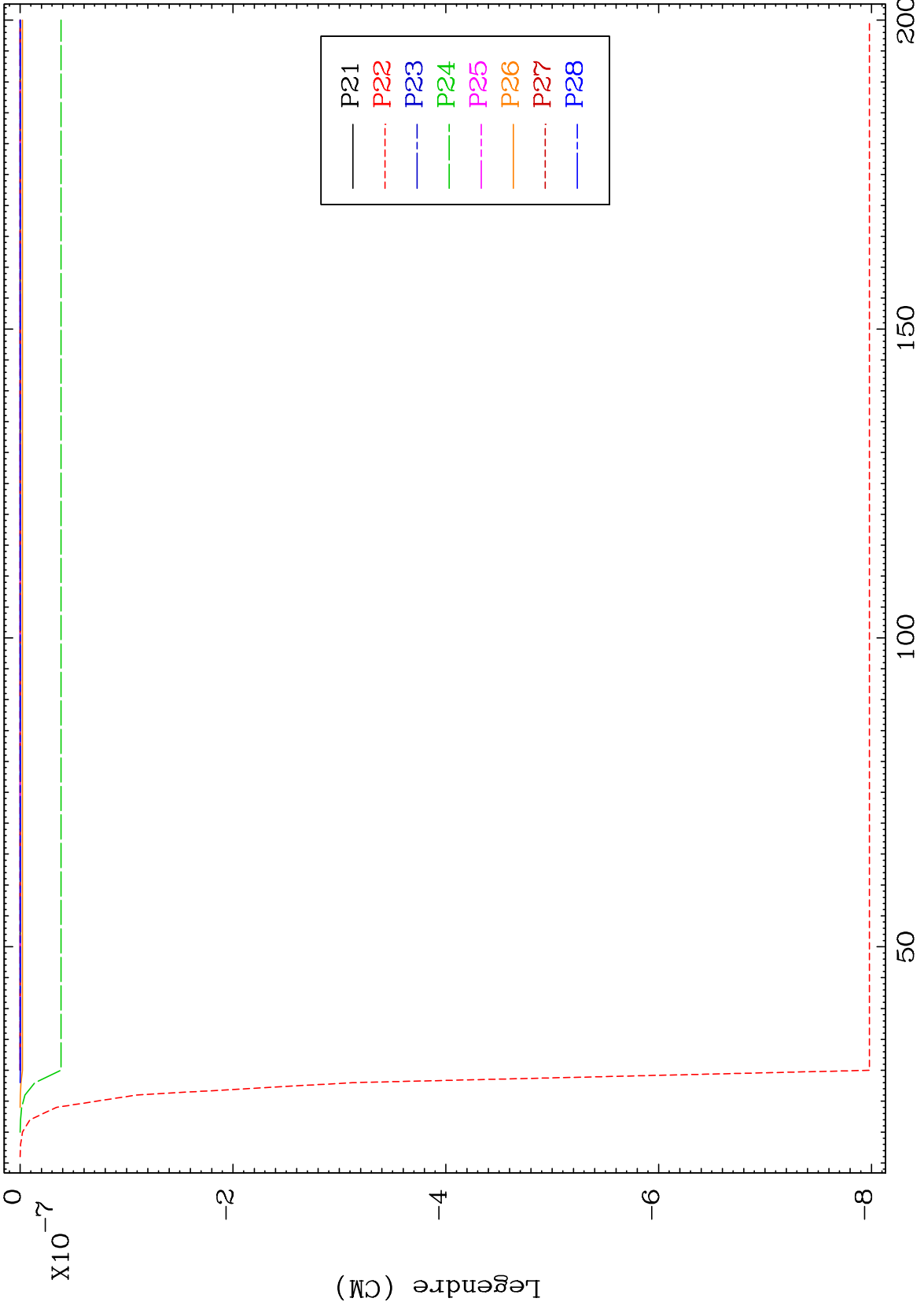


94

Incident Energy (MeV)

77-Ir-184

MAT 7704 MT= 72 (n,n') Level Legendre Coefficients 77-Ir-184

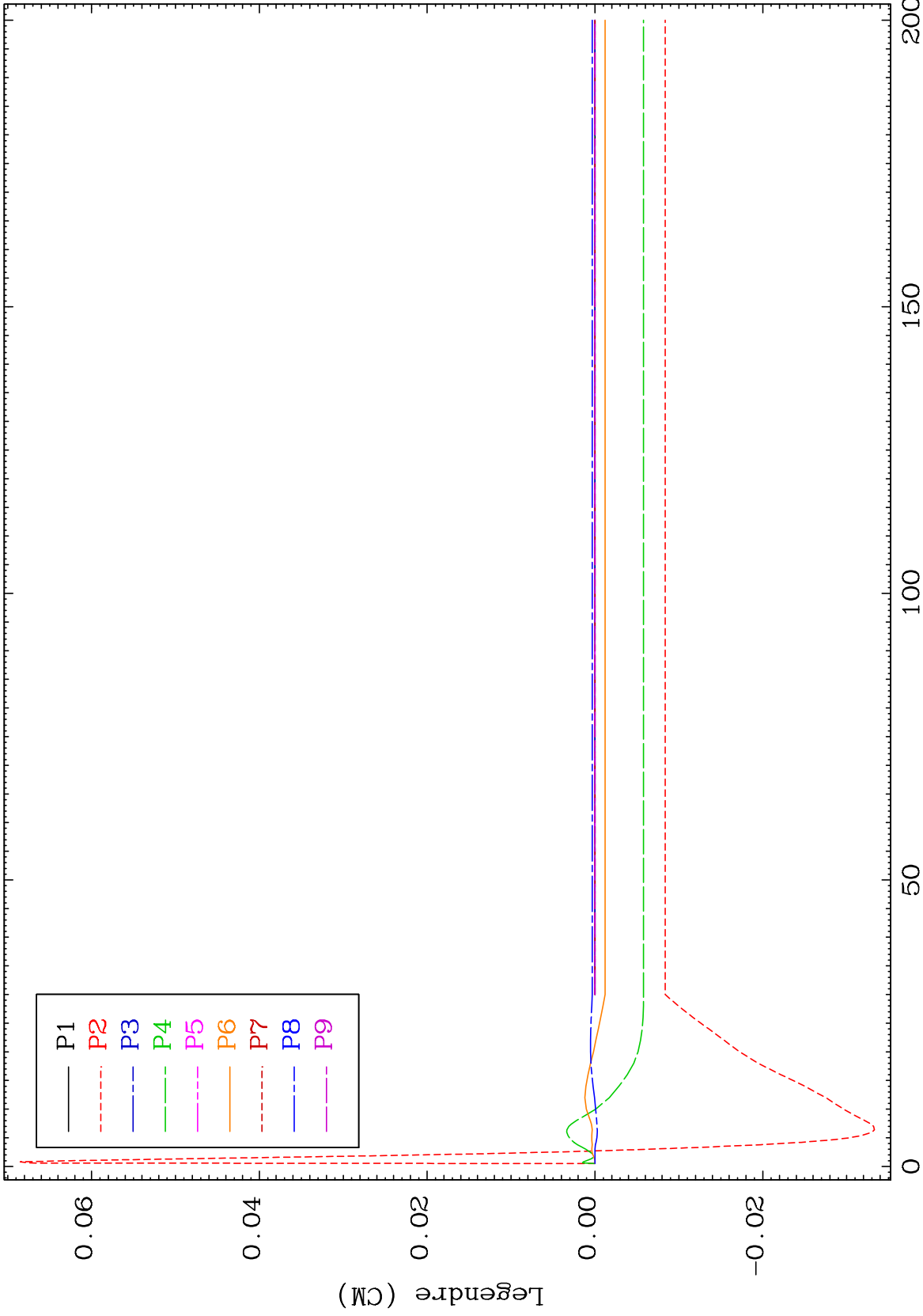


95 50 100 150 200 77-Ir-184

MAT 7704

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

77-Ir-184



96

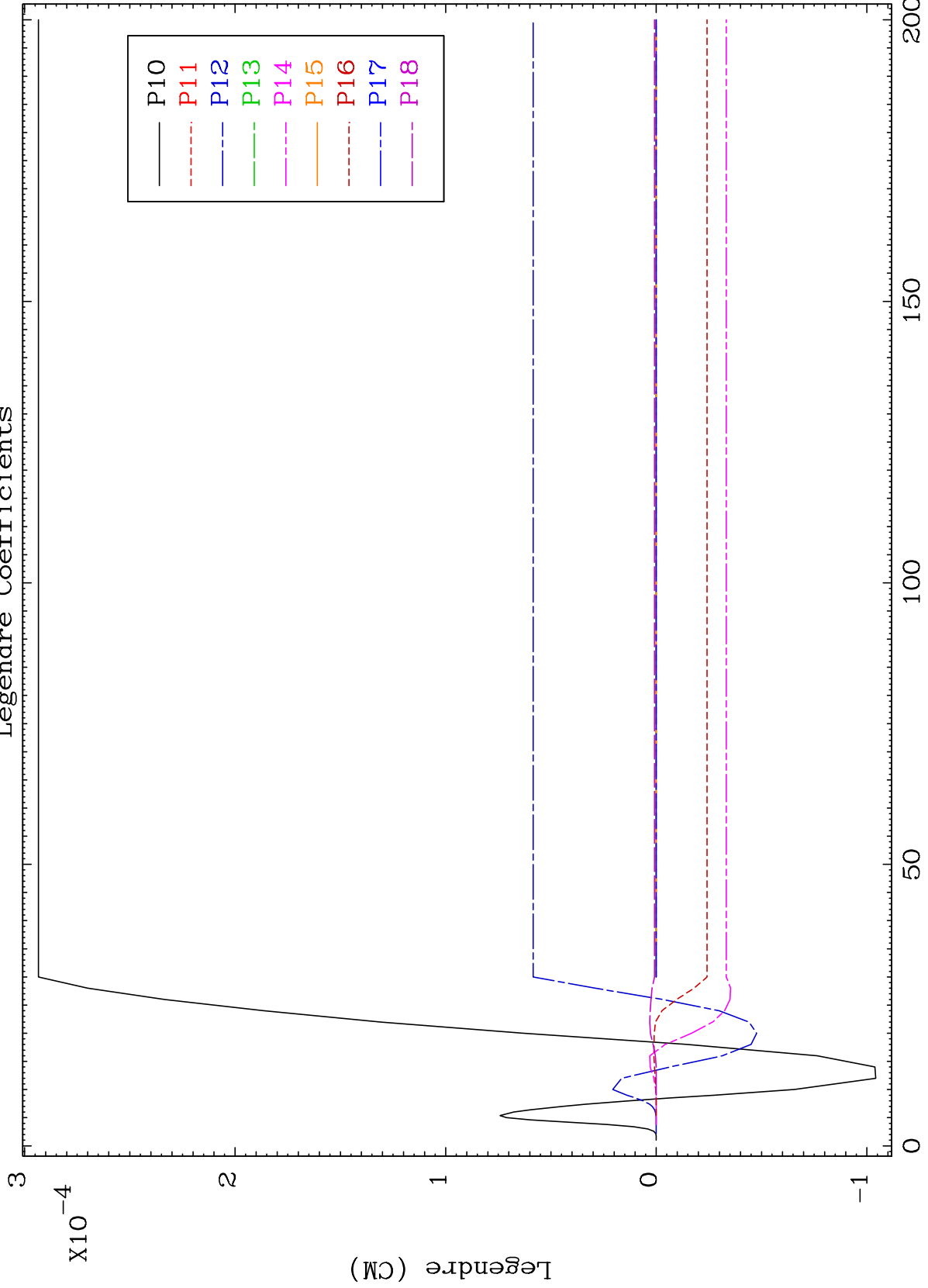
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



97

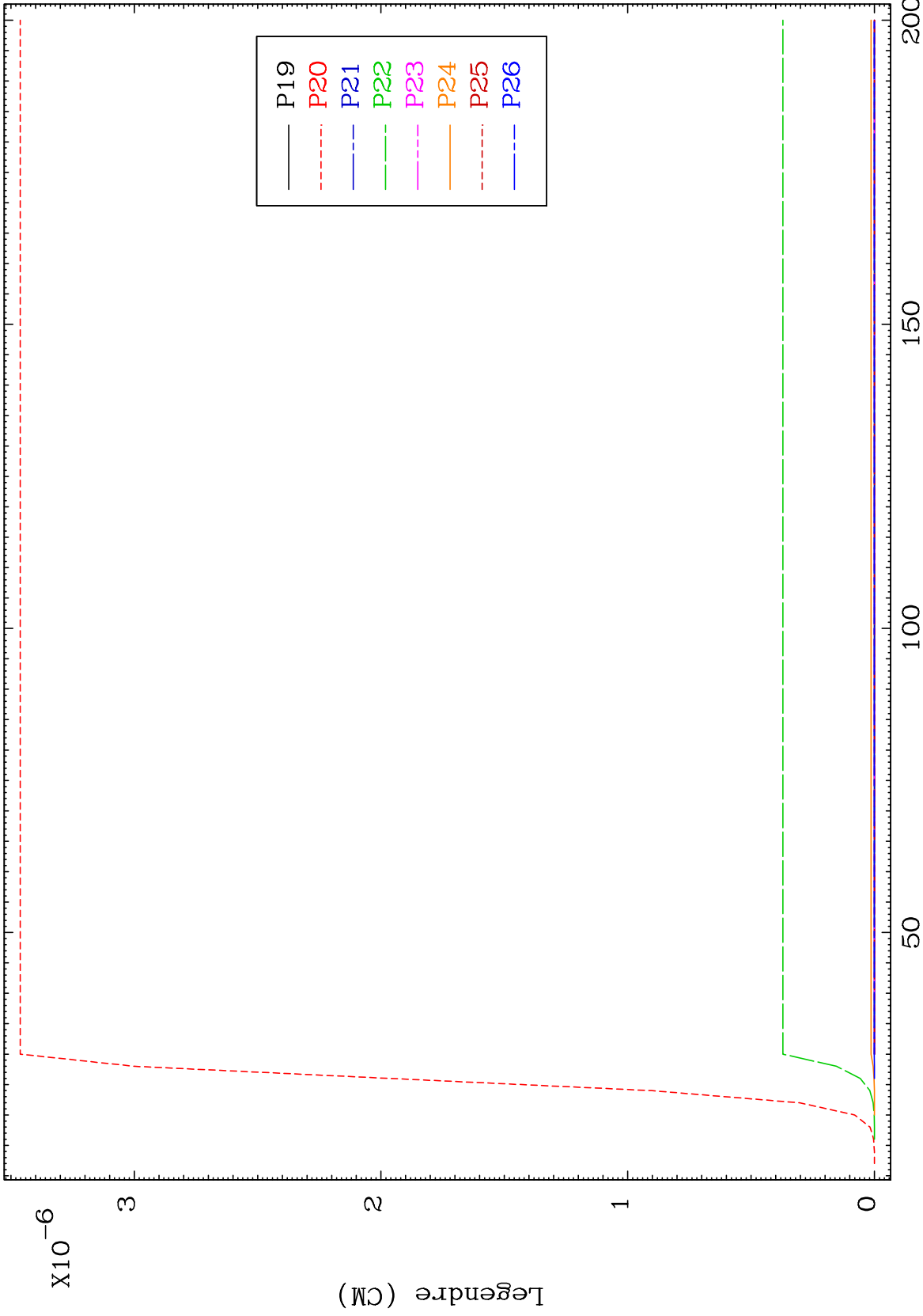
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



98

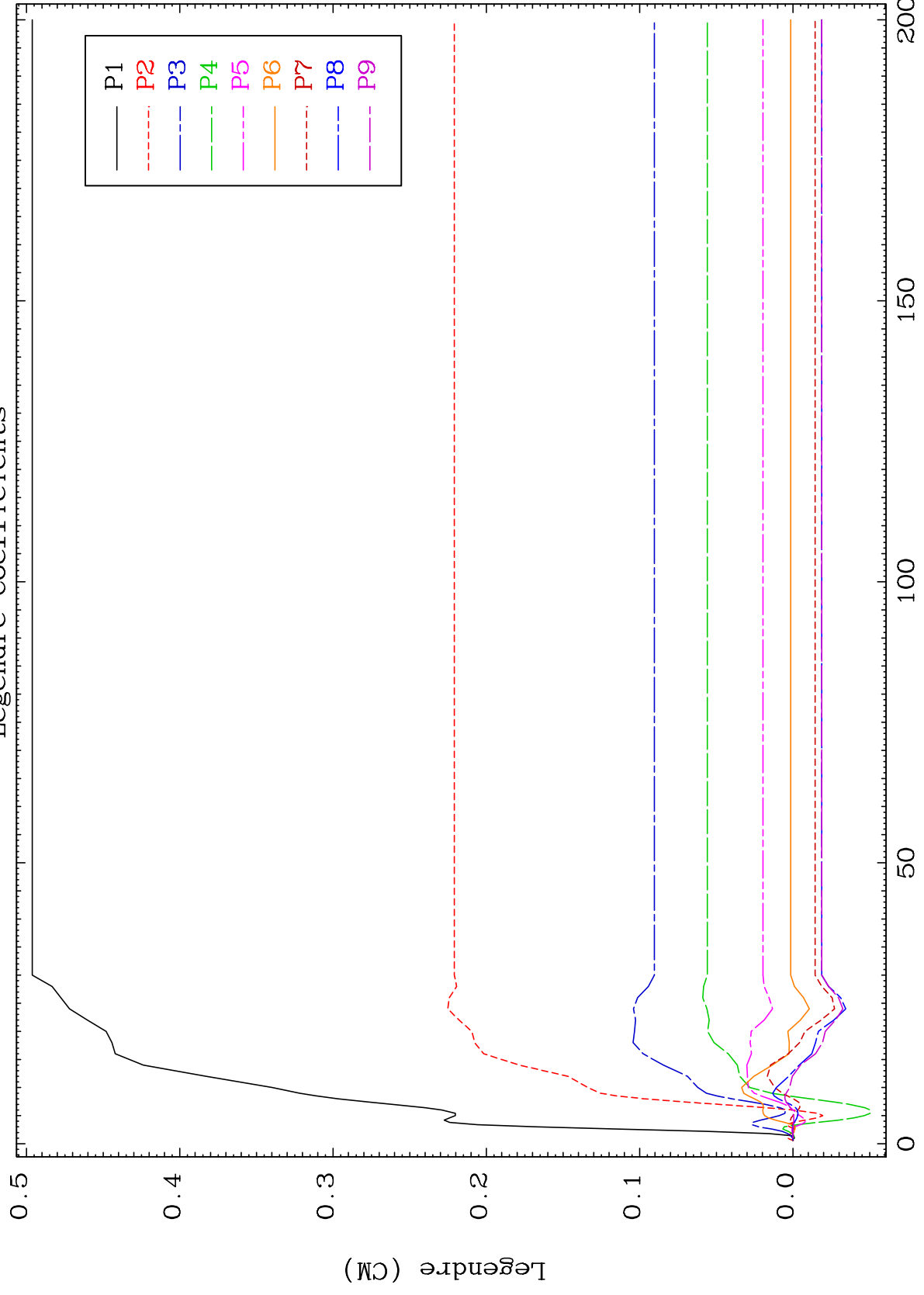
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



77-Ir-184

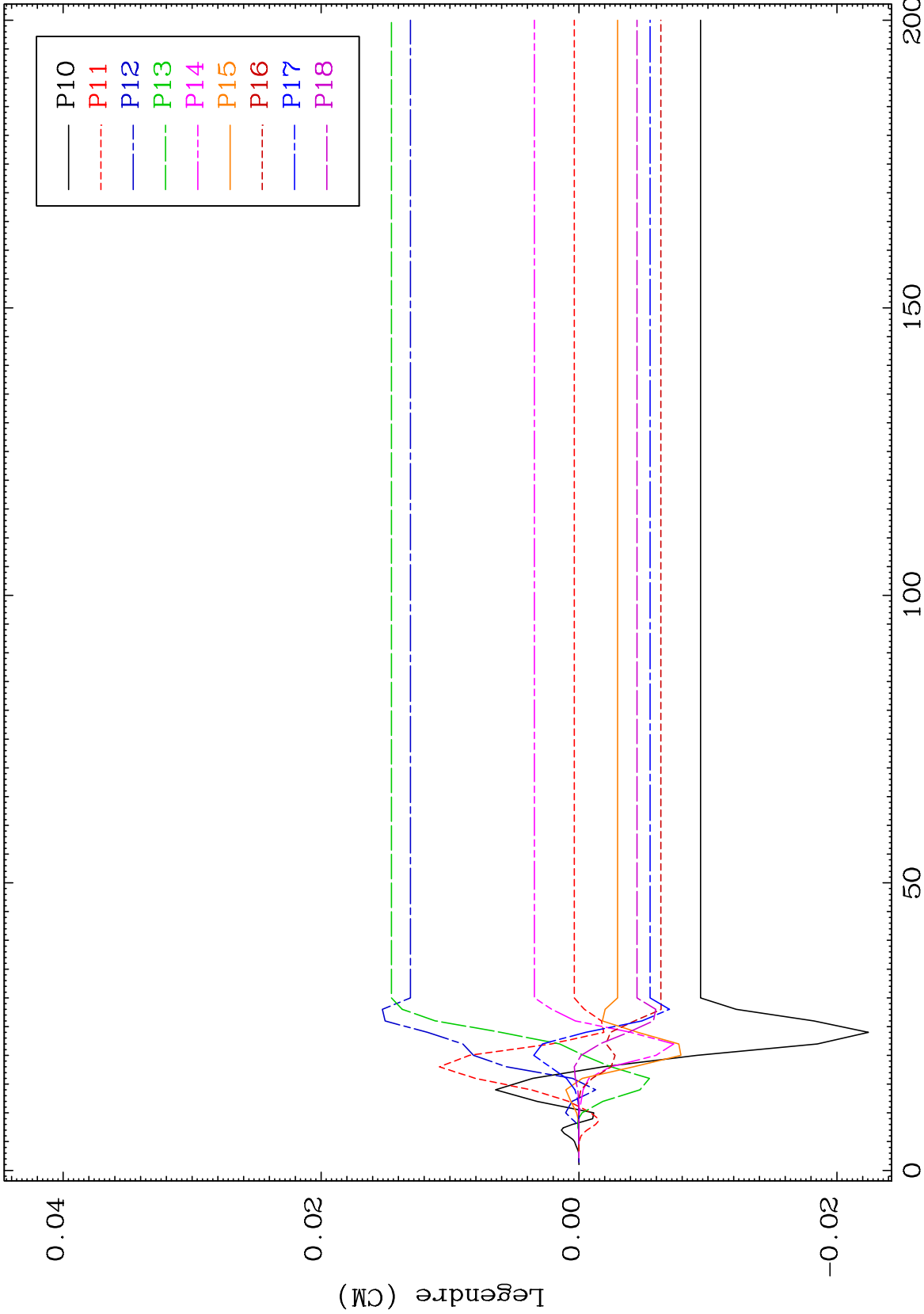
Incident Energy (MeV)

99

MAT 7704

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

77-Ir-184



77-Ir-184

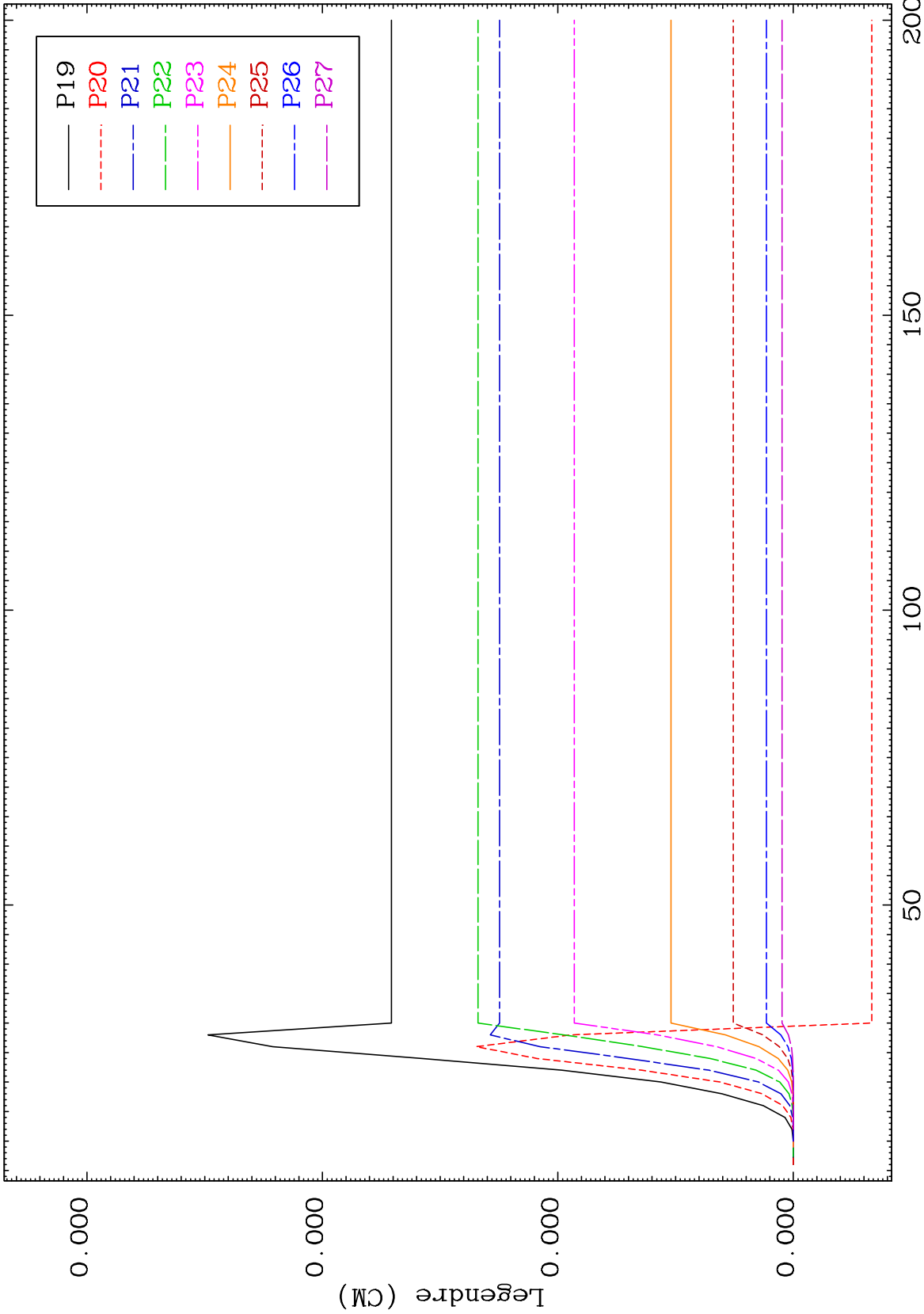
Incident Energy (MeV)

100

MAT 7704

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

77-Ir-184



101

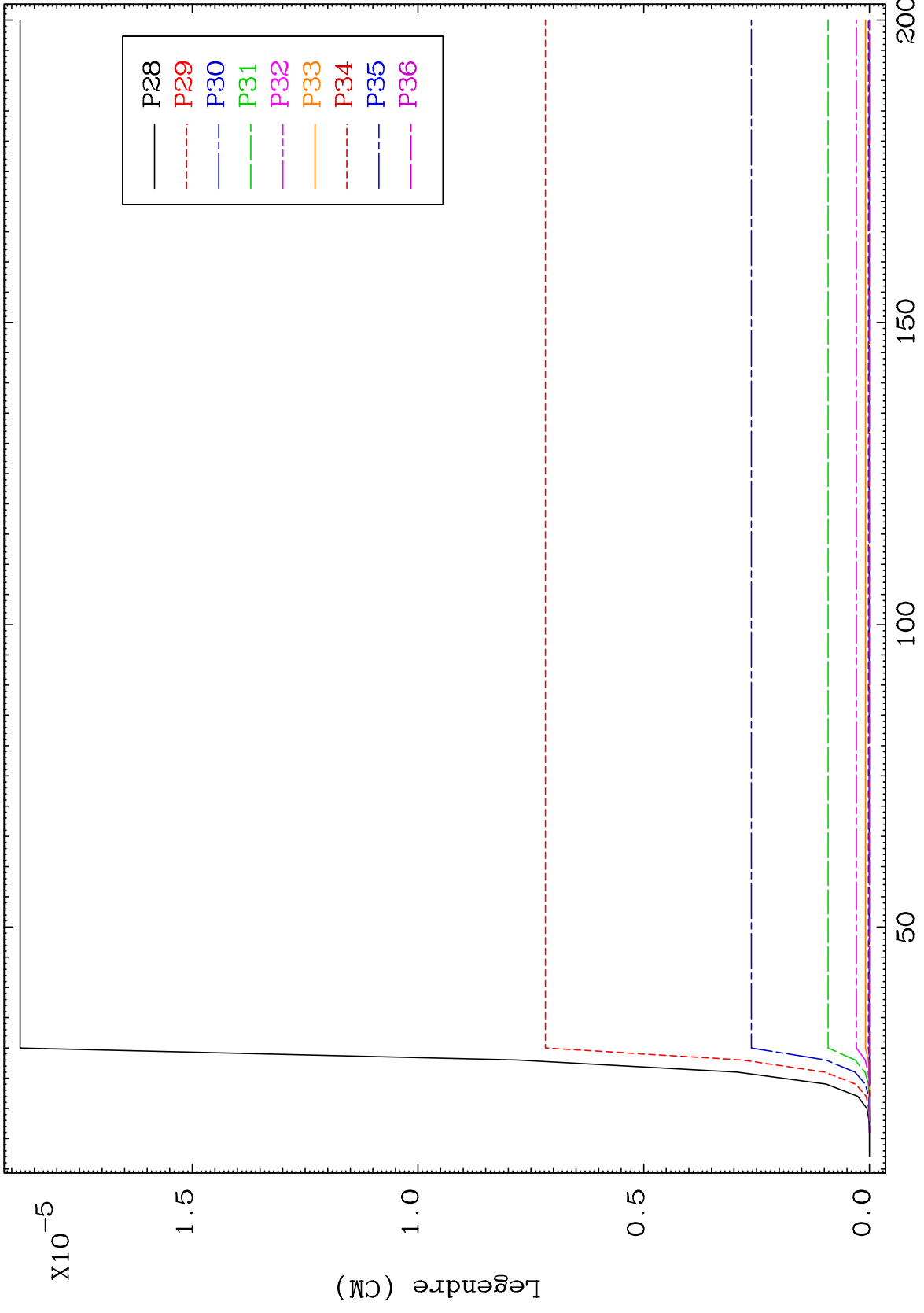
Incident Energy (MeV)

77-Ir-184

MAT 7704

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

77-Ir-184



102

Incident Energy (MeV)

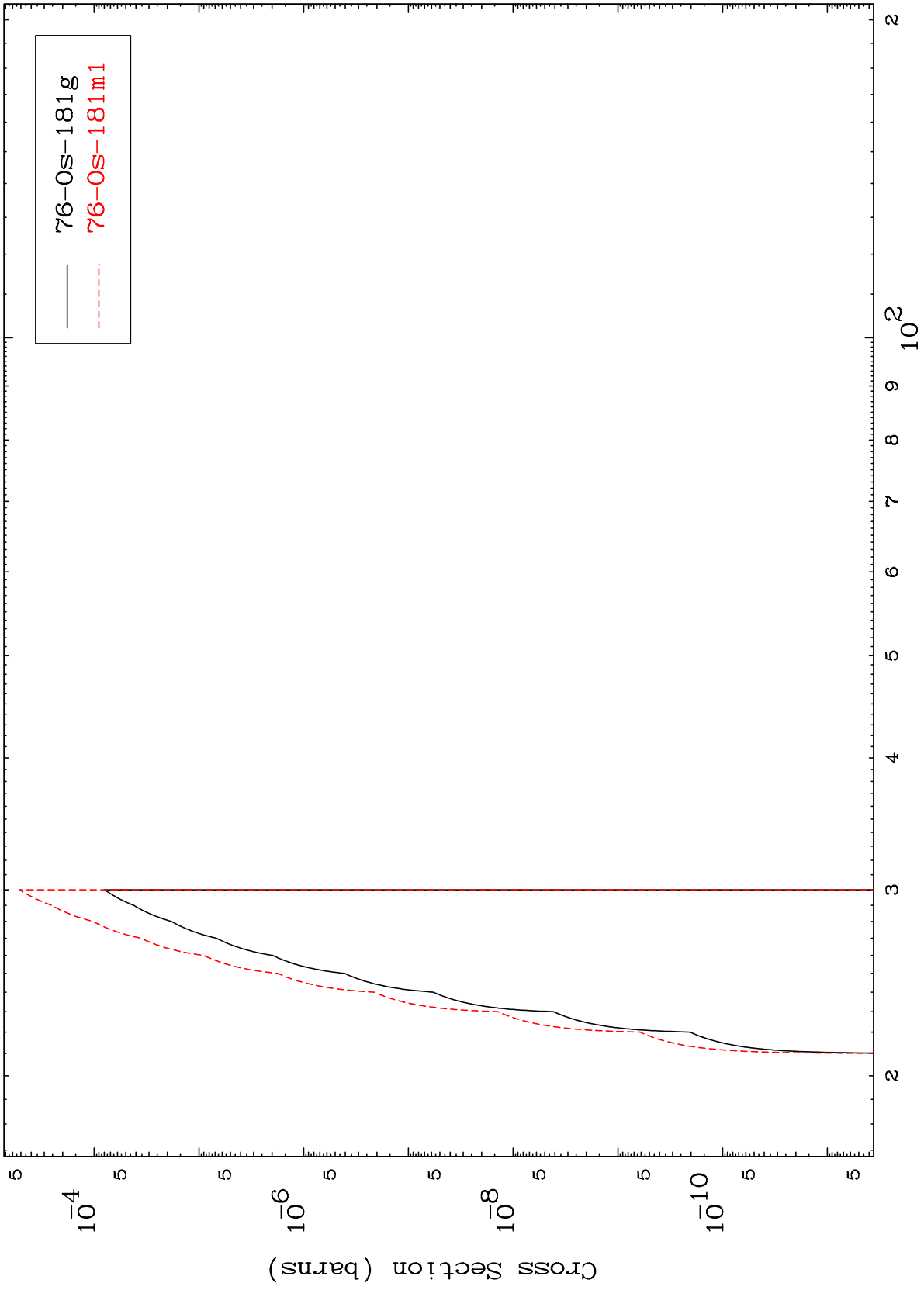
77-Ir-184

MAT 7704

(n,2n) d

⁷⁷Ir-184

Radionuclide Production Cross Section



103

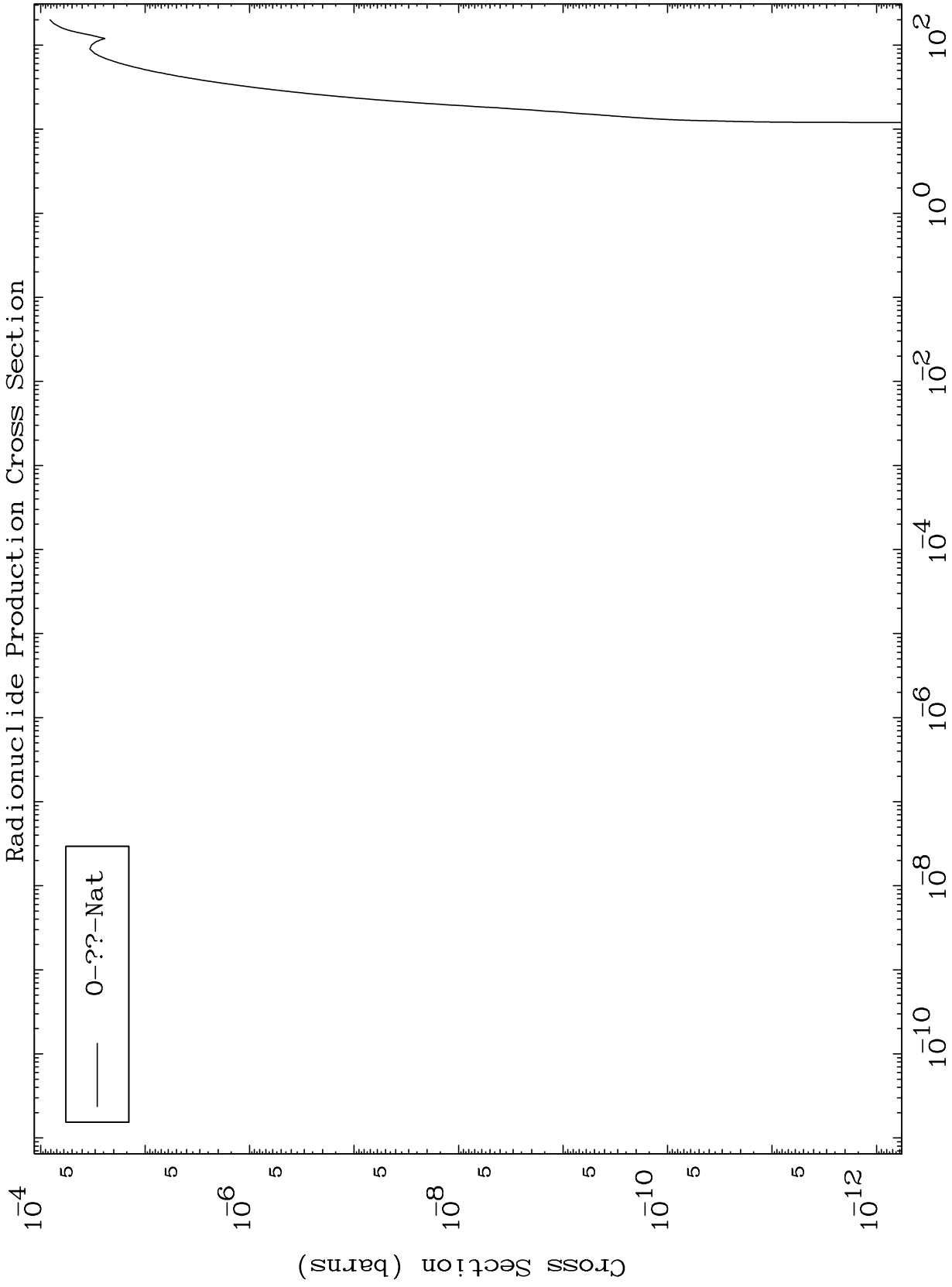
Incident Energy (MeV)

⁷⁷Ir-184

MAT 7704

Fission
Radionuclide Production Cross Section

⁷⁷Ir-184



104

Incident Energy (MeV)

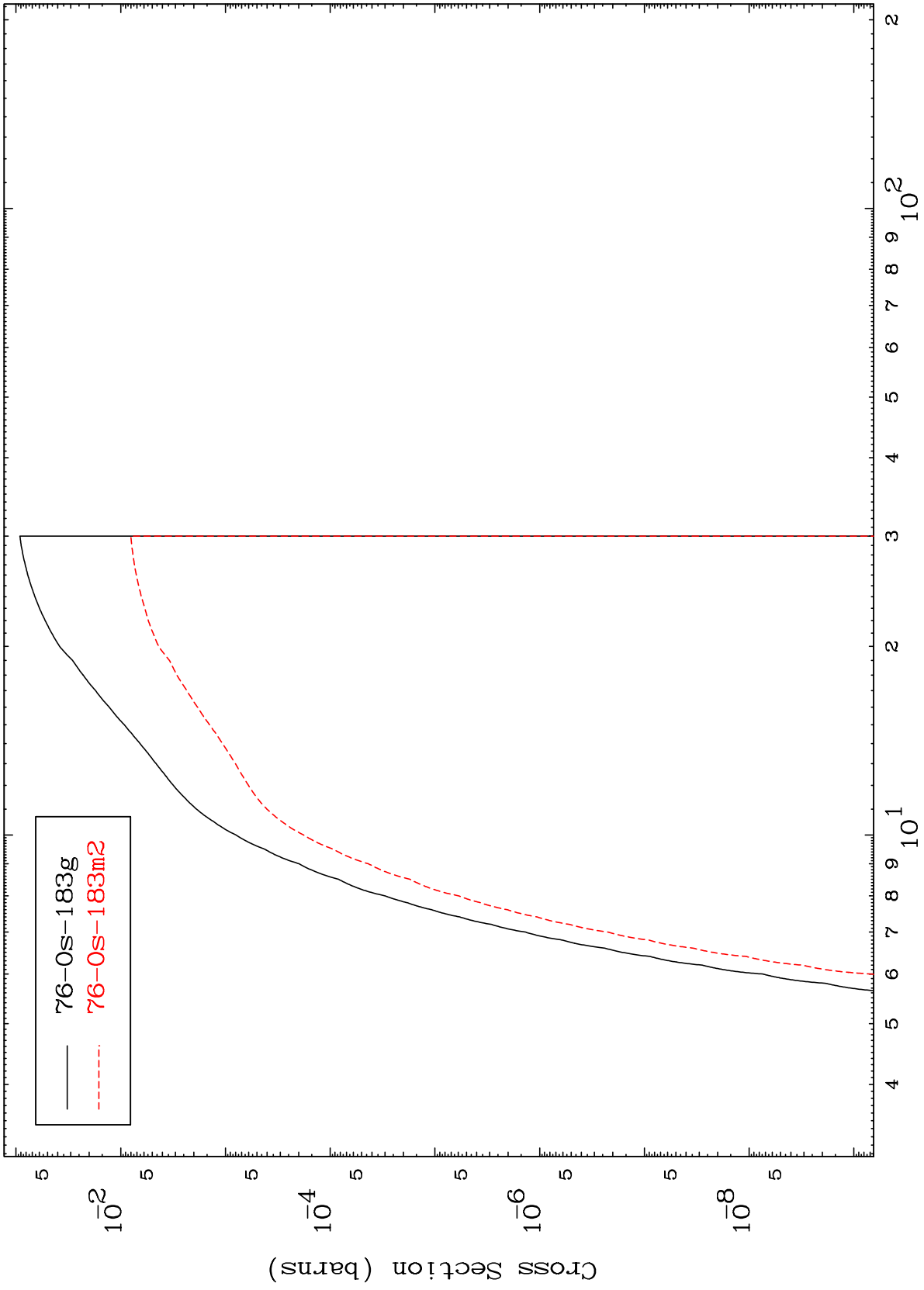
⁷⁷Ir-184

MAT 7704

(n,n') p

⁷⁷Ir-184

Radionuclide Production Cross Section



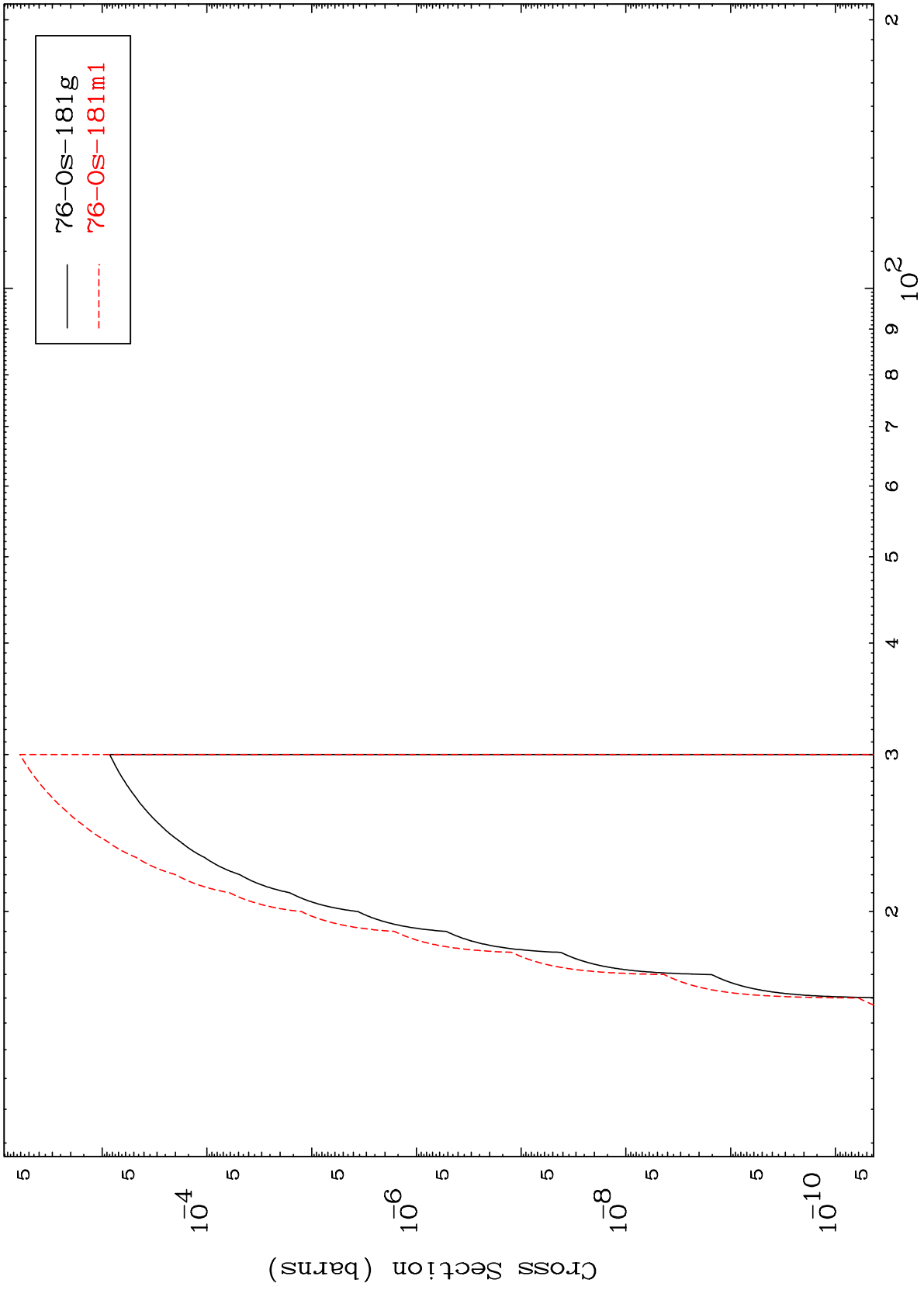
105

MAT 7704

(n,n') t

77-Ir-184

Radionuclide Production Cross Section



106

Incident Energy (MeV)

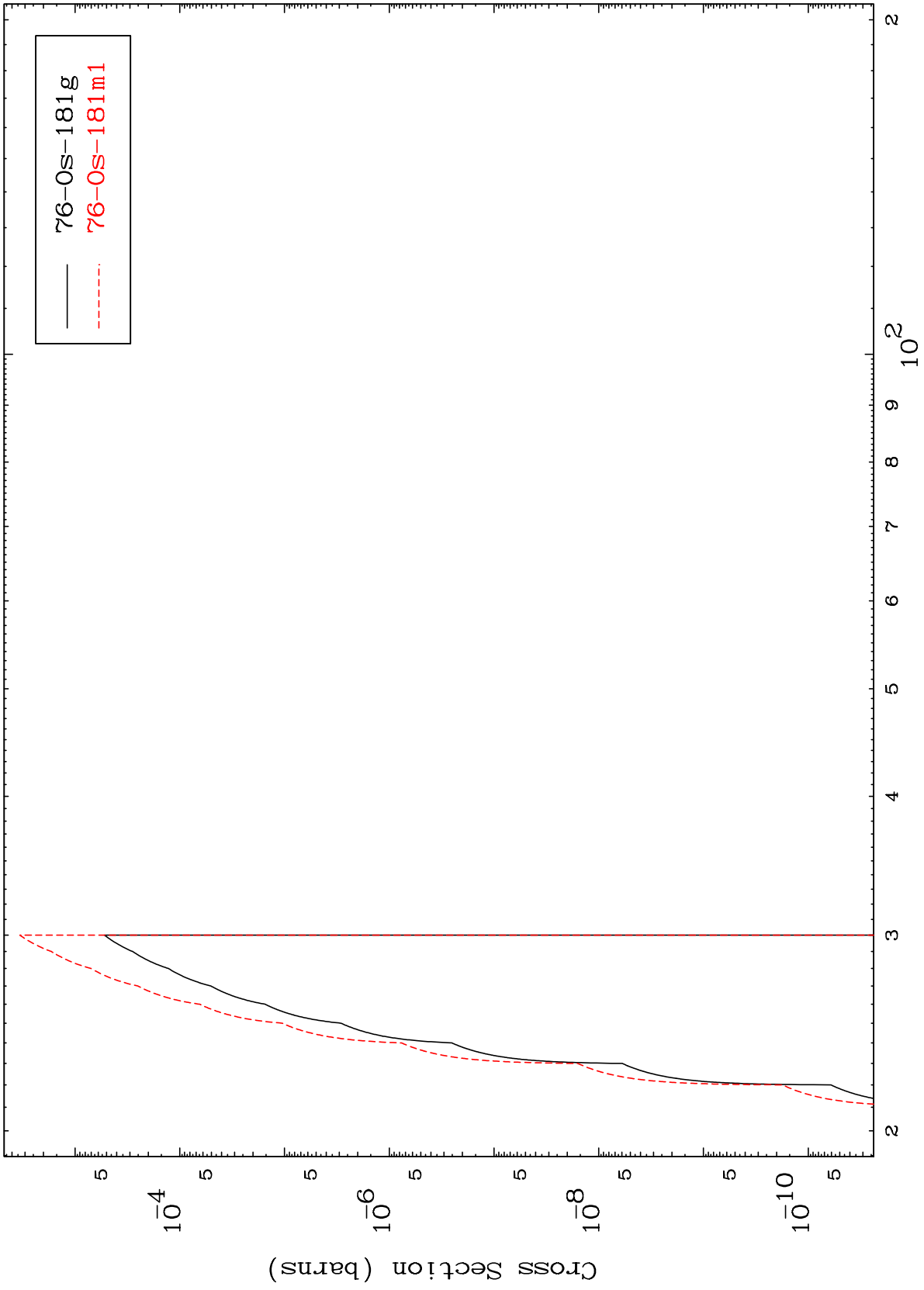
77-Ir-184

MAT 7704

(n,3n) p

77-Ir-184

Radionuclide Production Cross Section



107

Incident Energy (MeV)

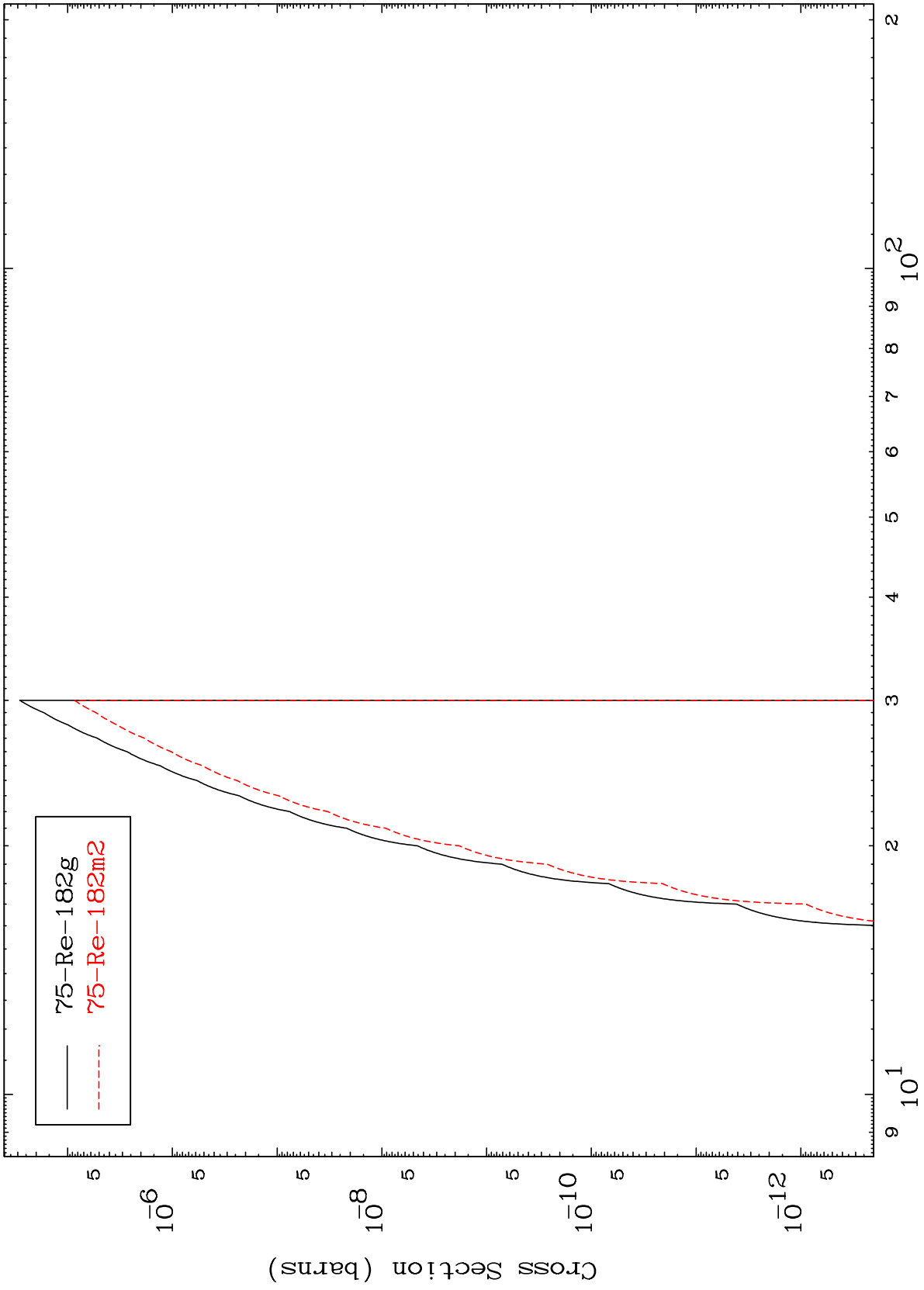
77-Ir-184

MAT 7704

(n,2n) p

77-Ir-184

Radionuclide Production Cross Section



108

Incident Energy (MeV)

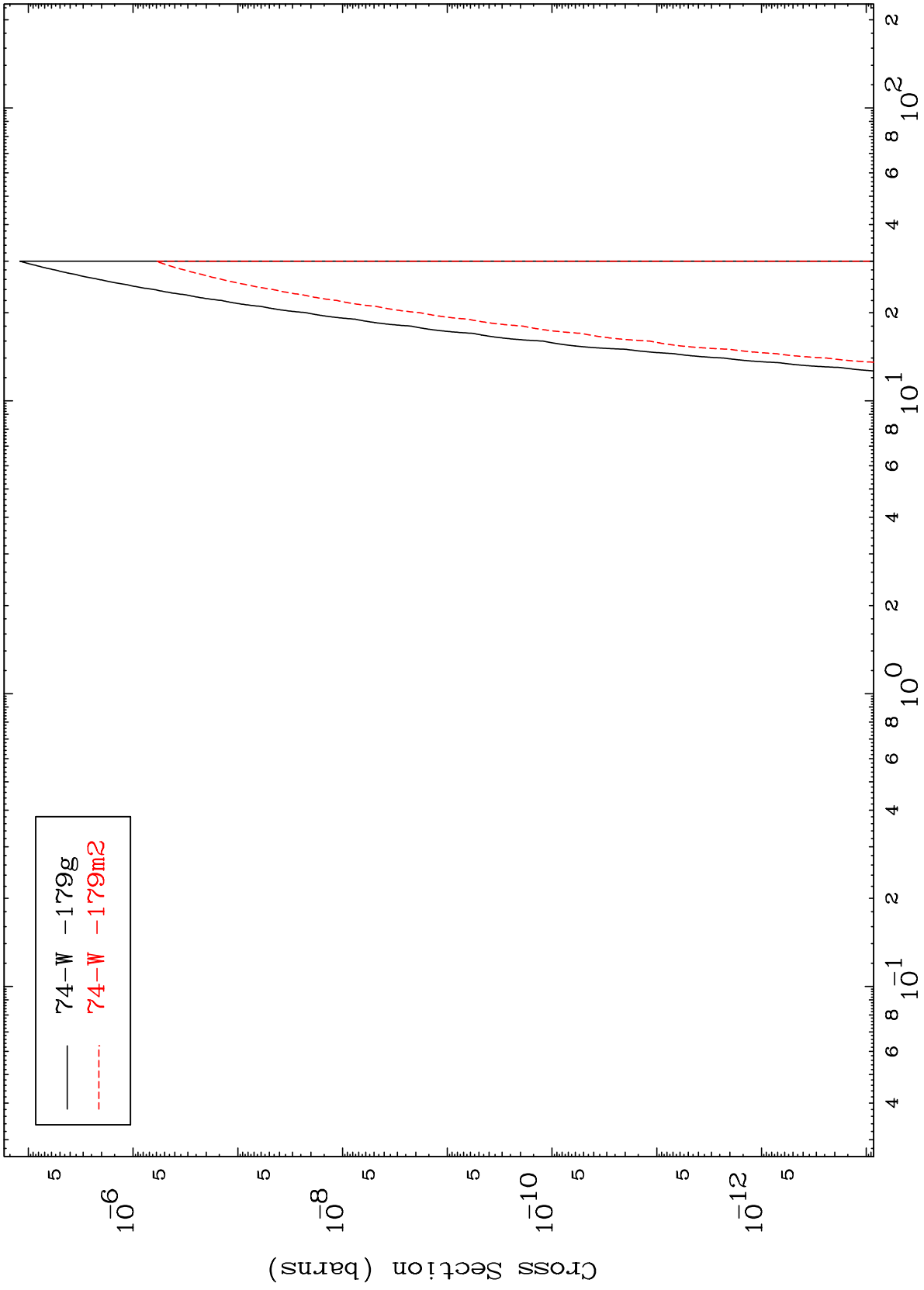
77-Ir-184

MAT 7704

(n,n') p α

77-Ir-184

Radionuclide Production Cross Section



109

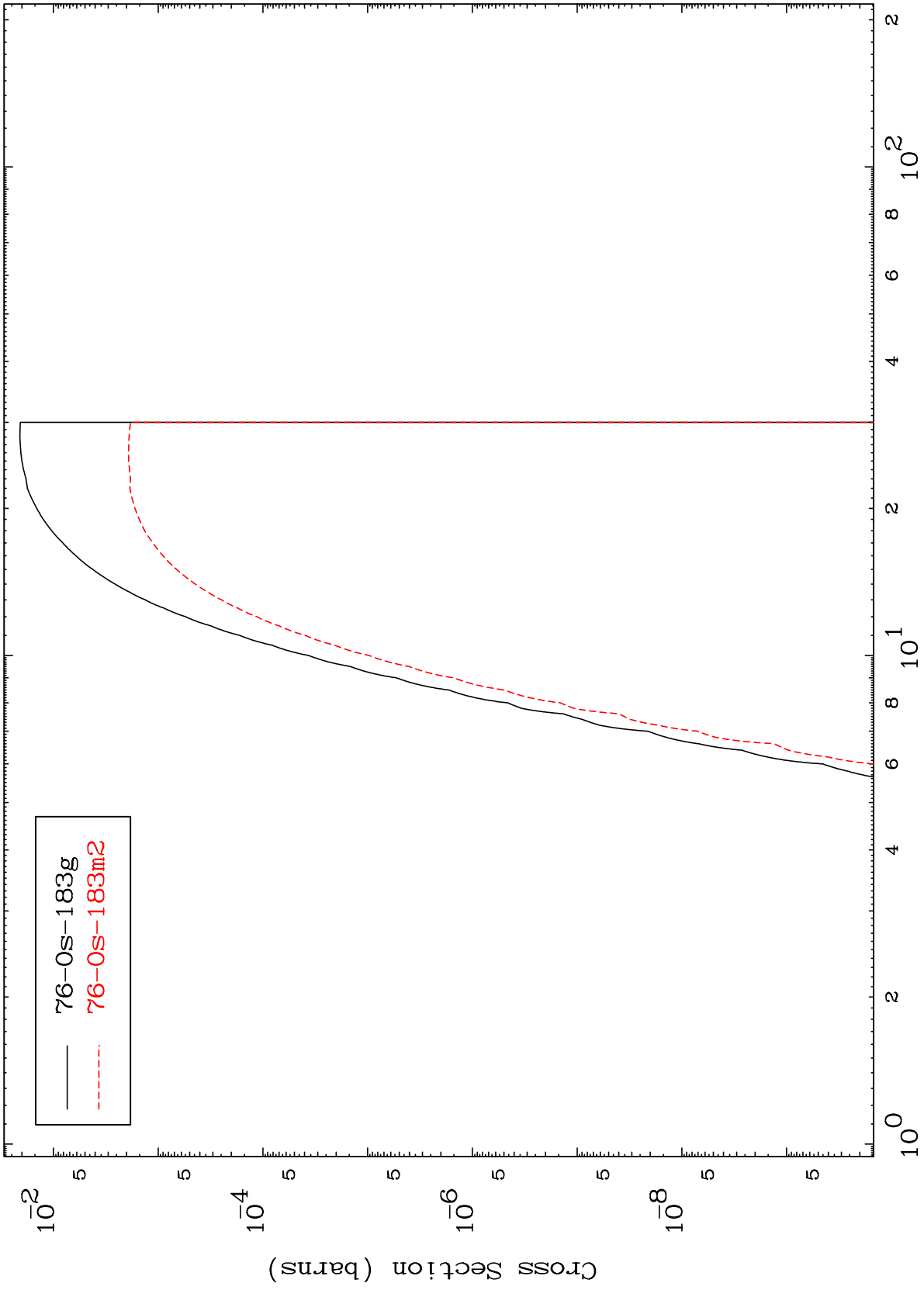
Incident Energy (MeV)

77-Ir-184

MAT 7704

(n,d)
Radionuclide Production Cross Section

⁷⁷Ir-184



110

Incident Energy (MeV)

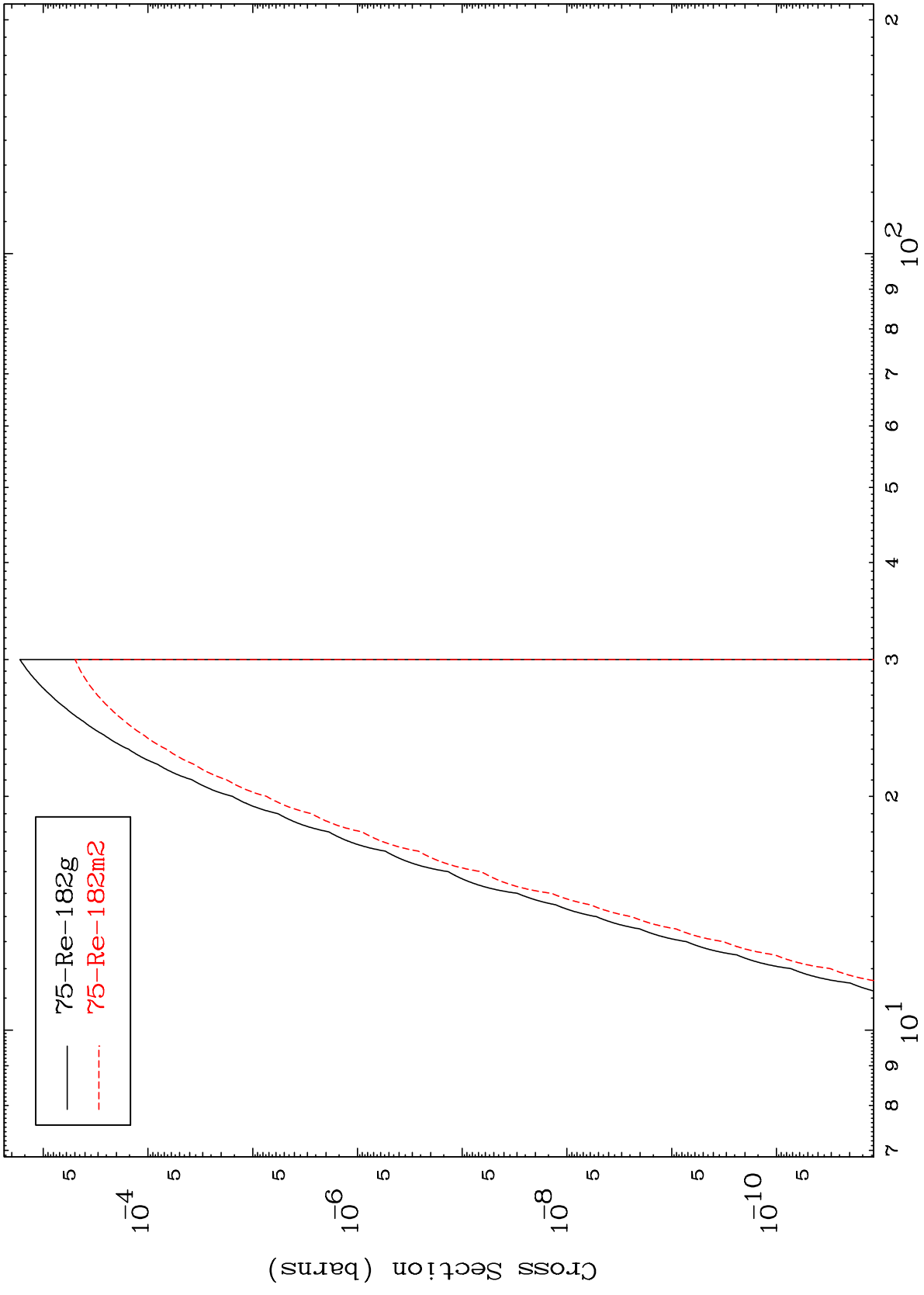
⁷⁷Ir-184

MAT 7704

(n, He-3)

77-Ir-184

Radionuclide Production Cross Section



111

Incident Energy (MeV)

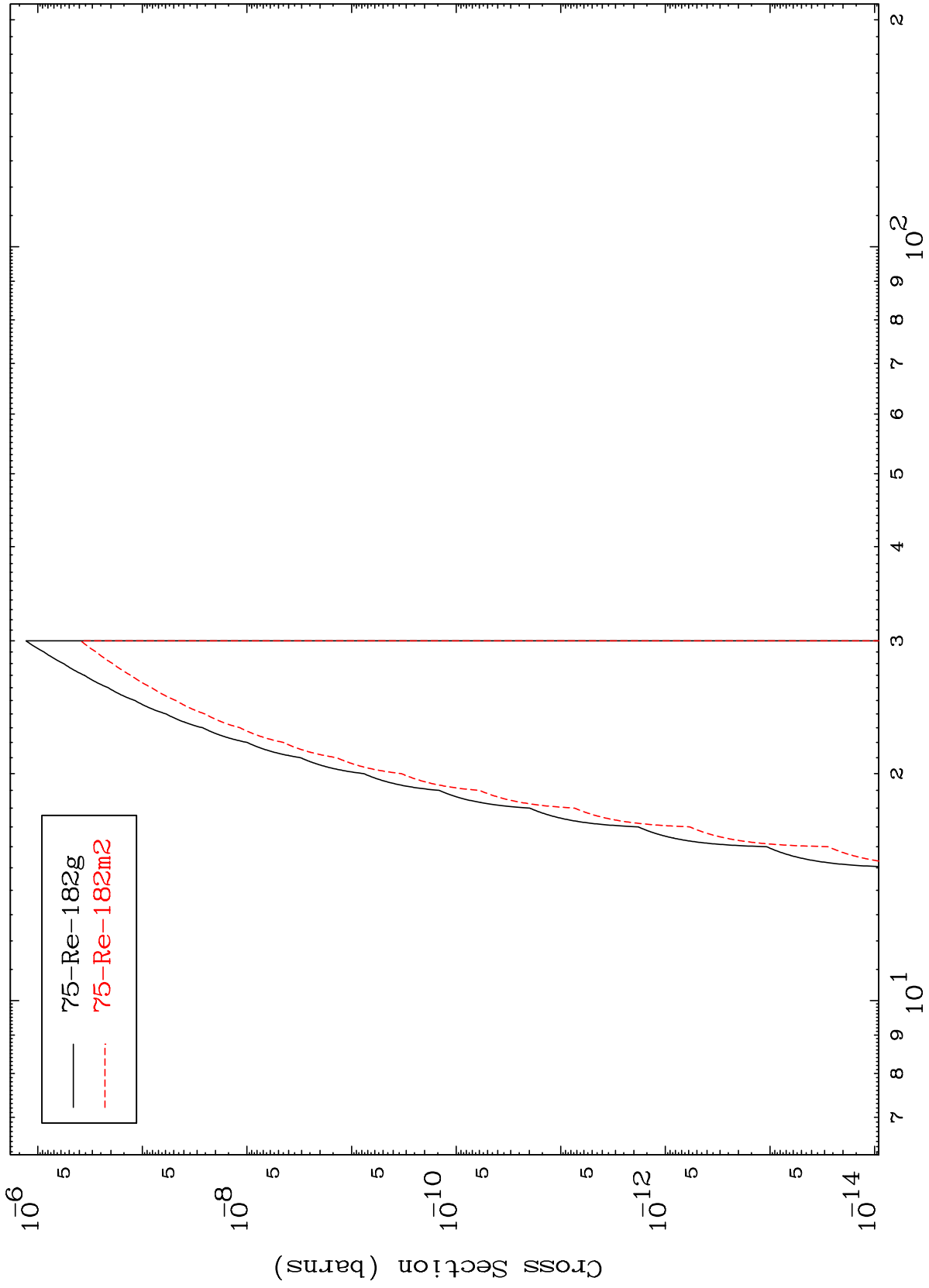
77-Ir-184

MAT 7704

(n,p) d

77-Ir-184

Radionuclide Production Cross Section



112

Incident Energy (MeV)

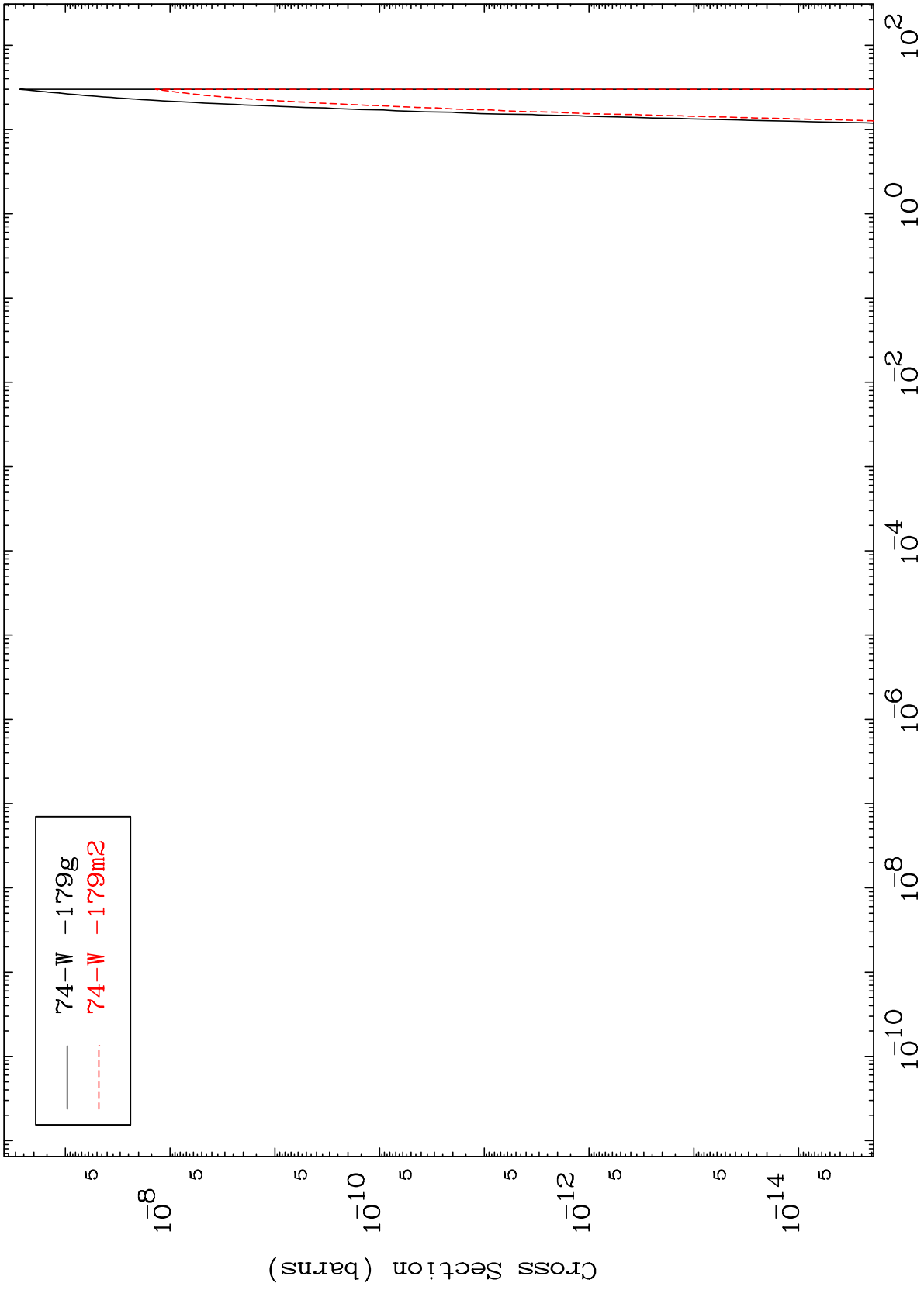
77-Ir-184

MAT 7704

(n,d) α

77-Ir-184

Radionuclide Production Cross Section



113

Incident Energy (MeV)

77-Ir-184