

Program EVALPLOT
(Version 2018-1)

by

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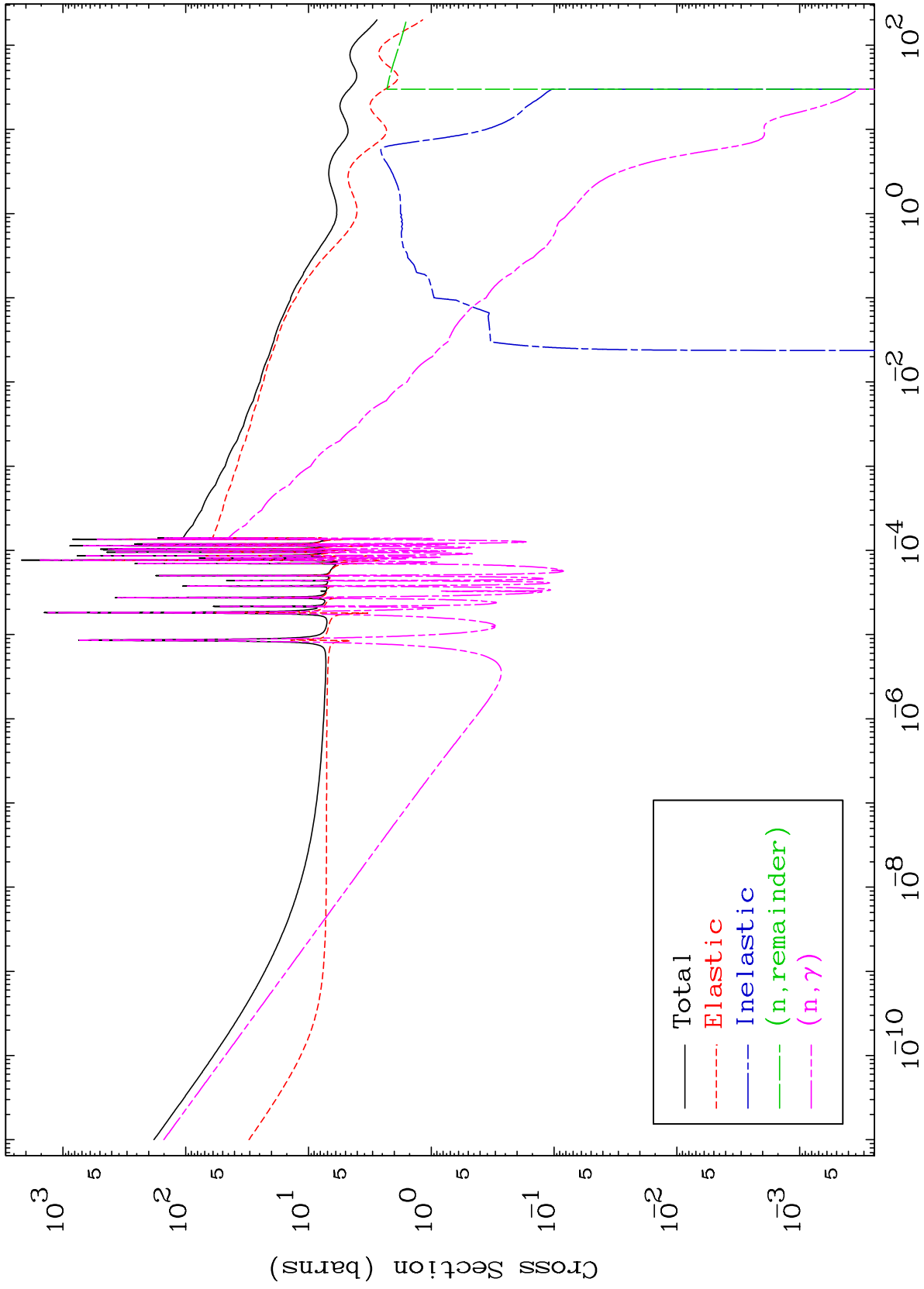
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7440

Major
293 Kelvin Cross Sections

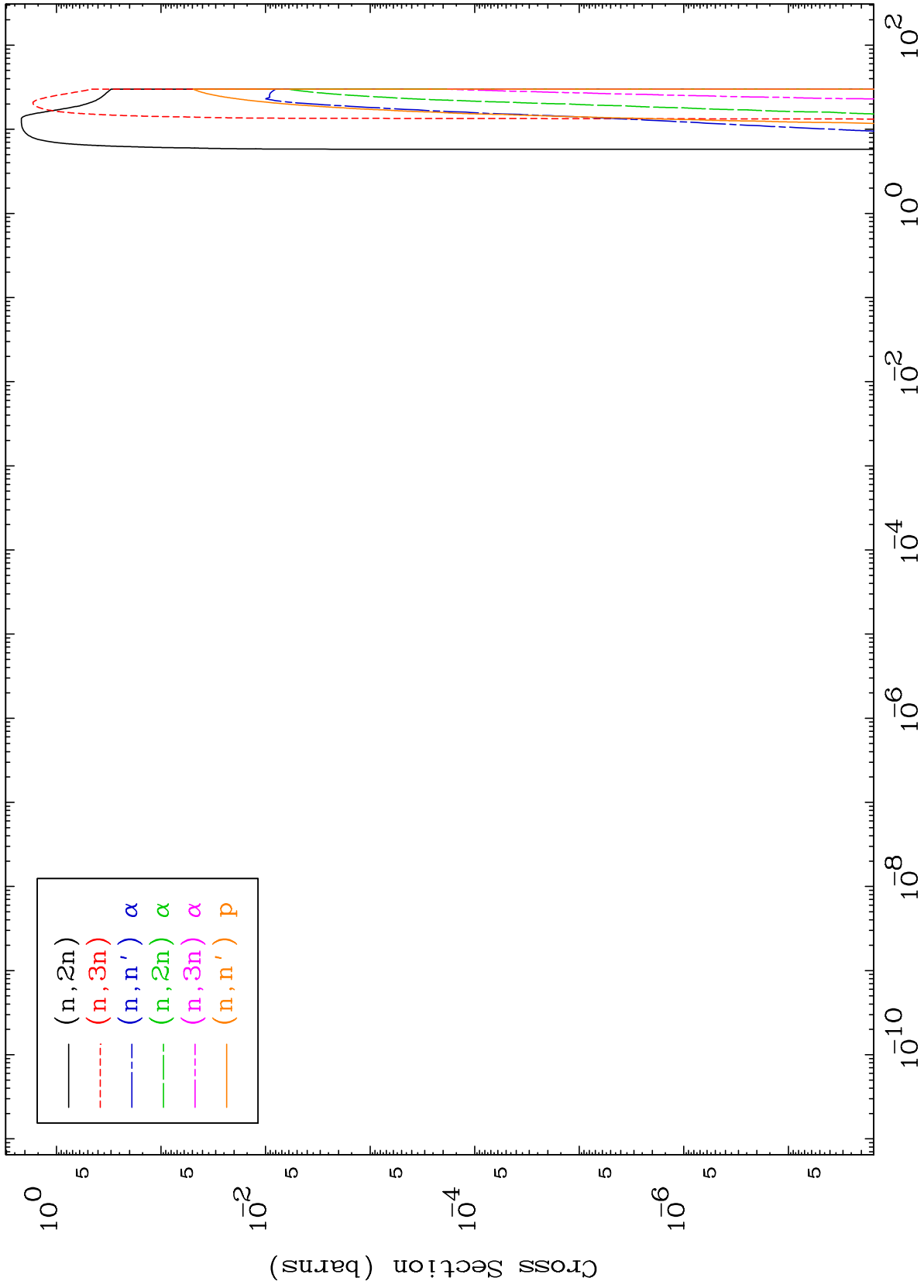
74-W -185



MAT 7440

Neutron Production
293 Kelvin Cross Sections

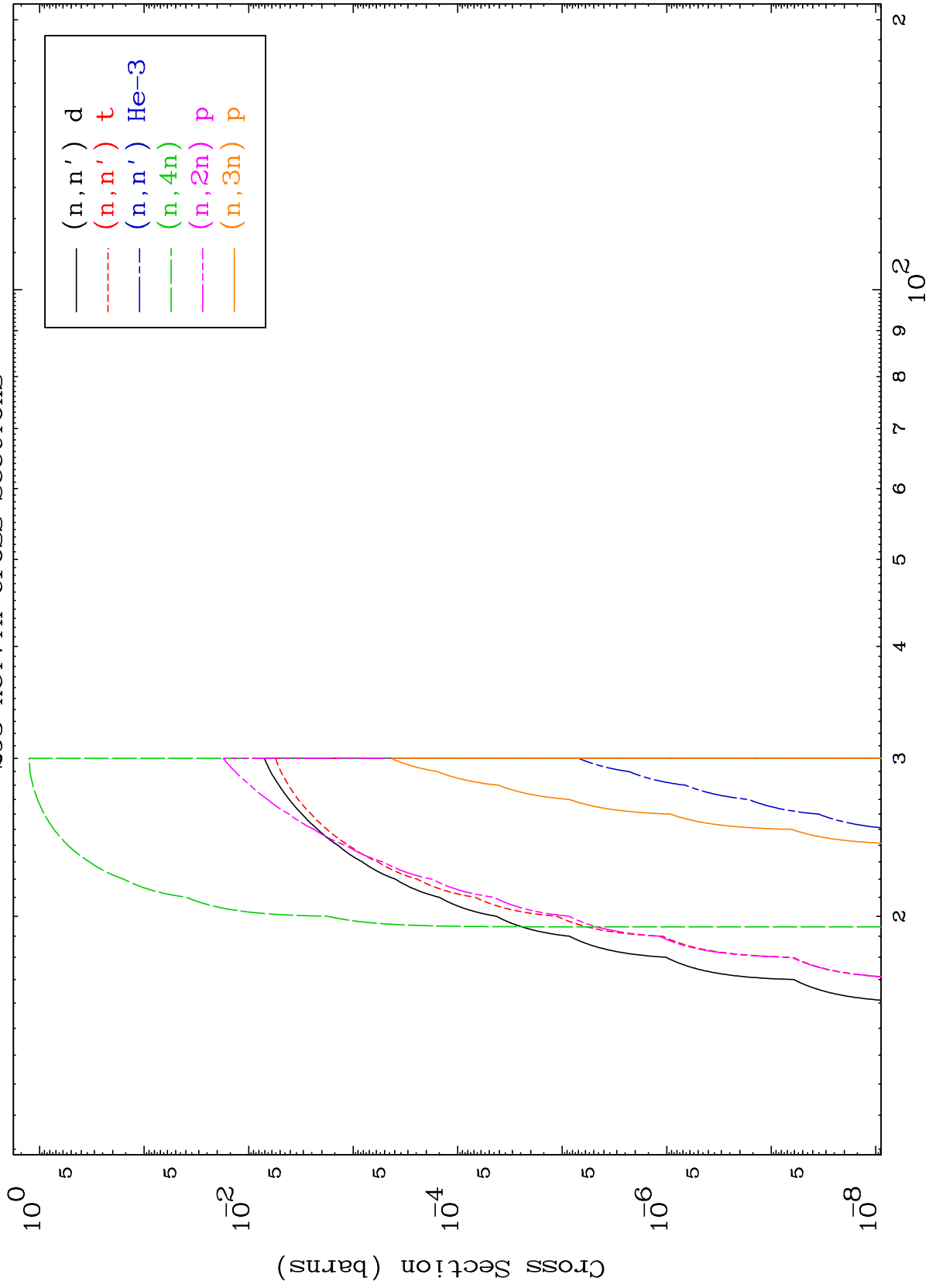
74-W -185



2

Incident Energy (MeV)

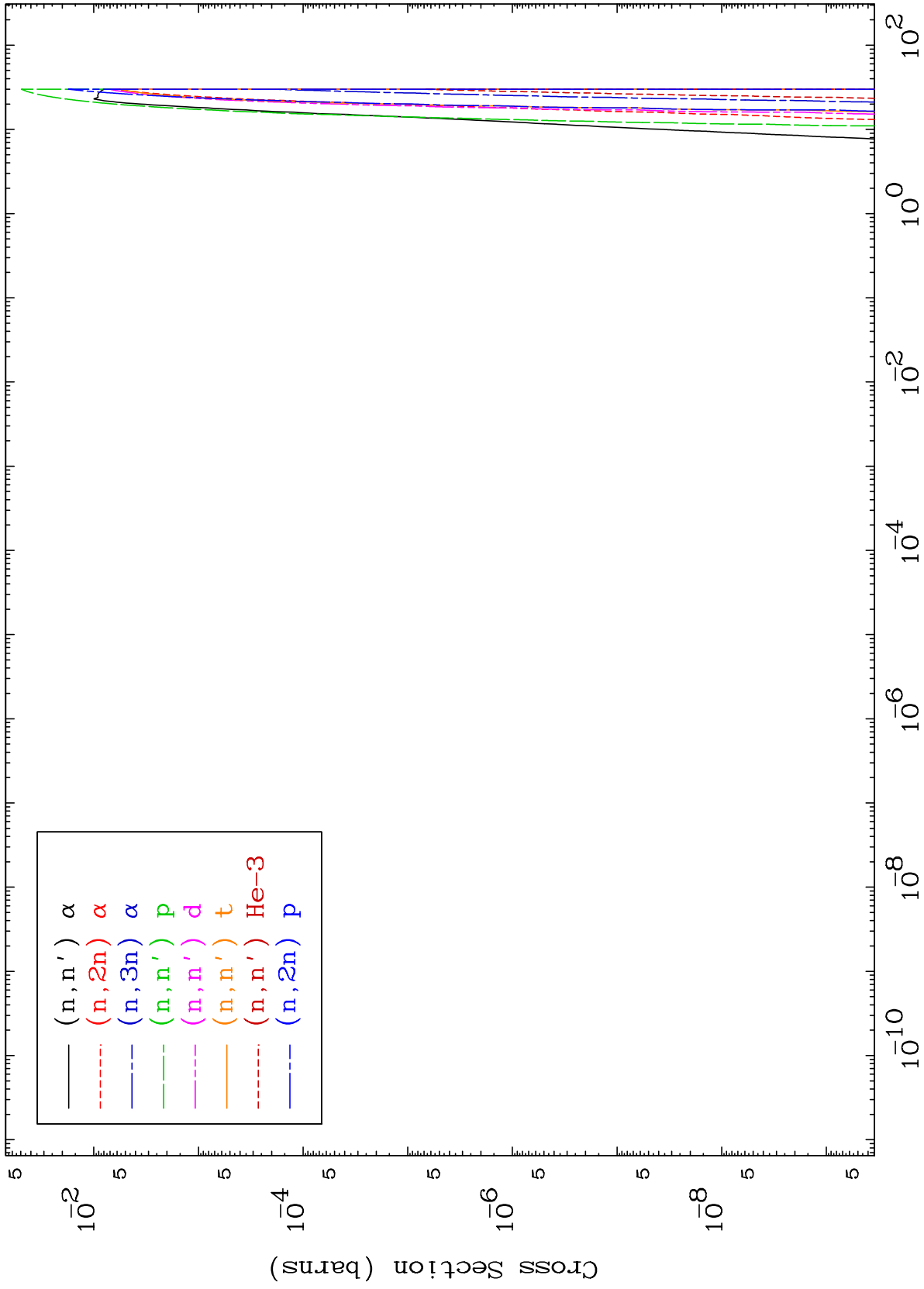
74-W -185



MAT 7440

293 Kelvin Cross Sections

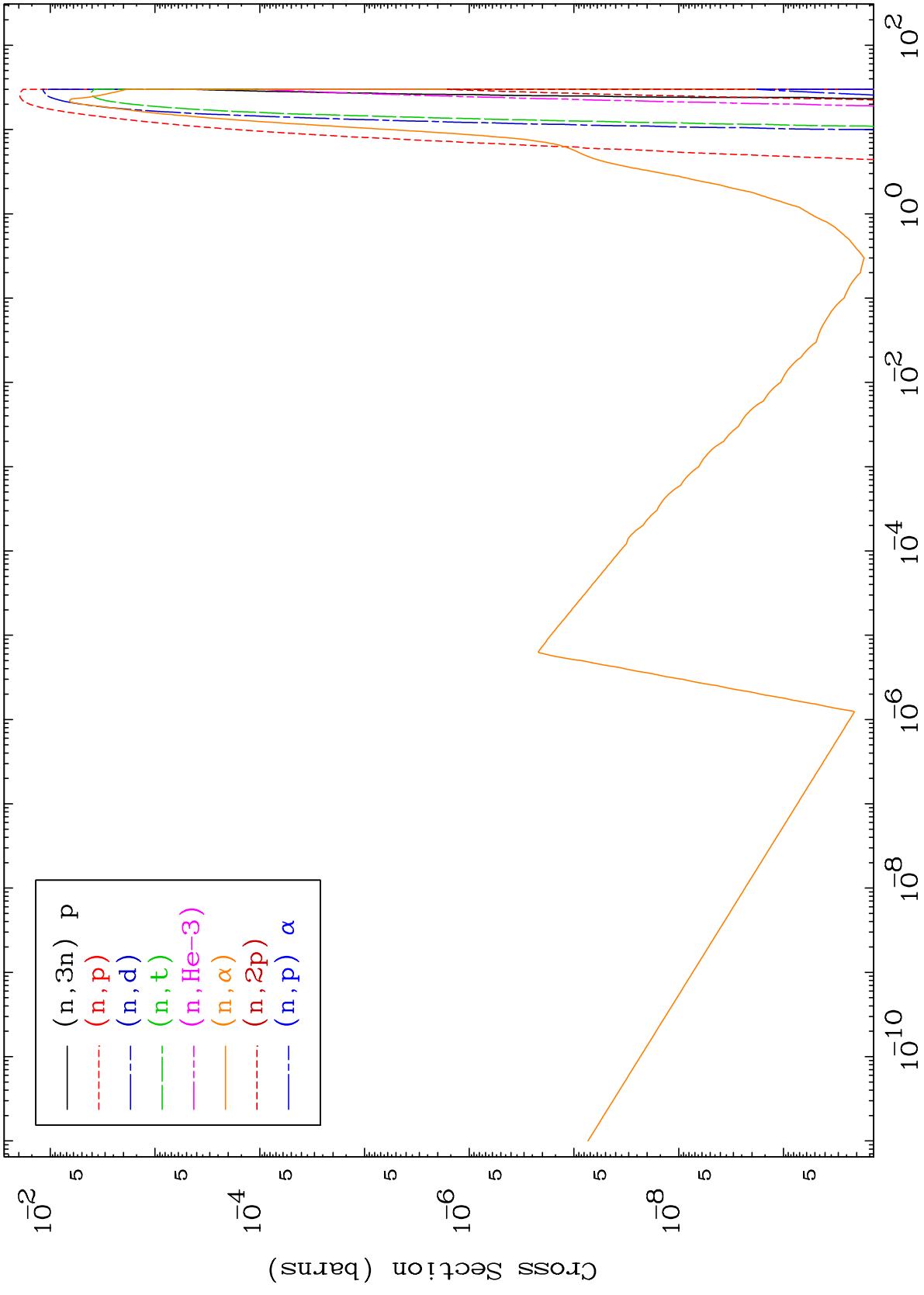
74-W -185



MAT 7440

Charged Particle
293 Kelvin Cross Sections

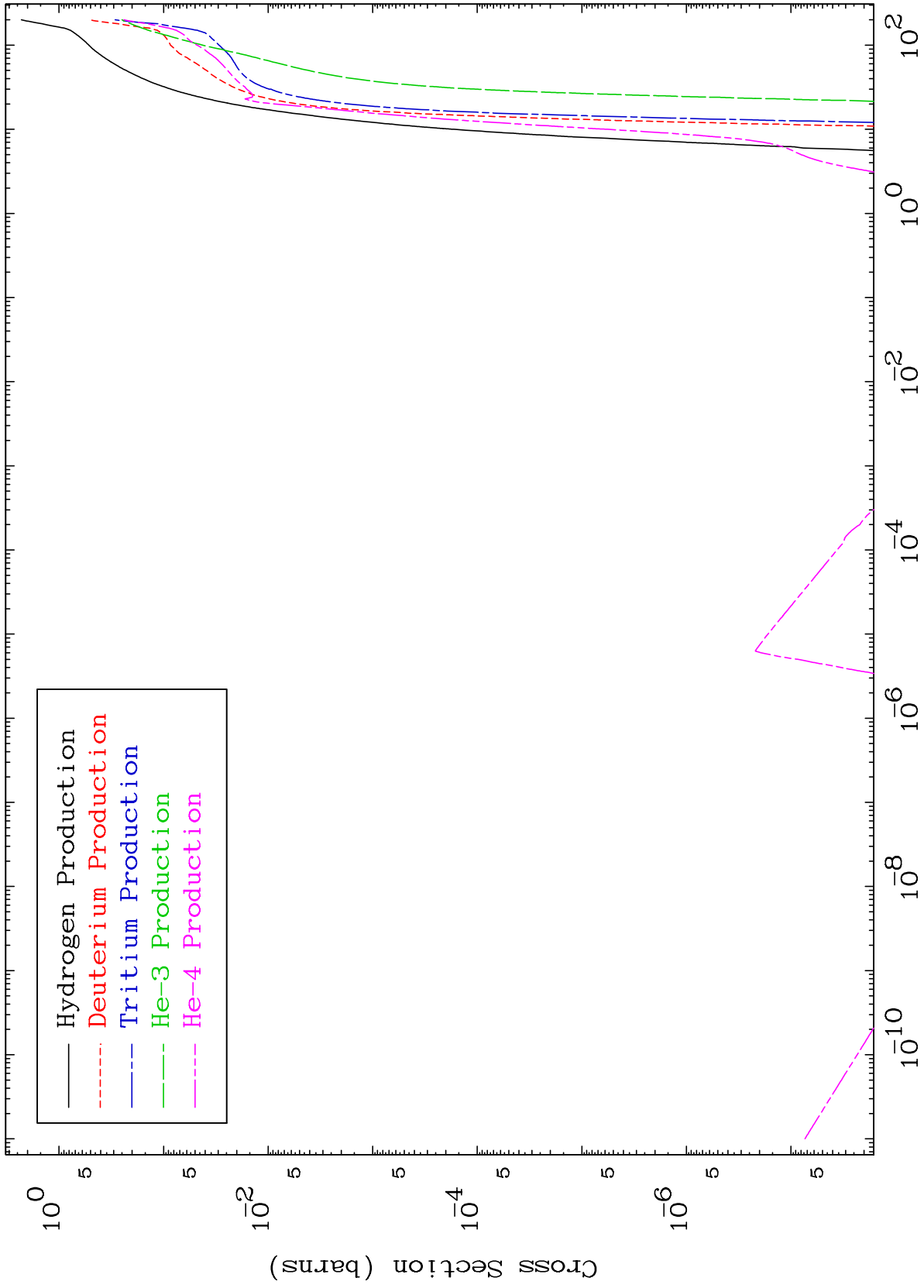
74-W -185

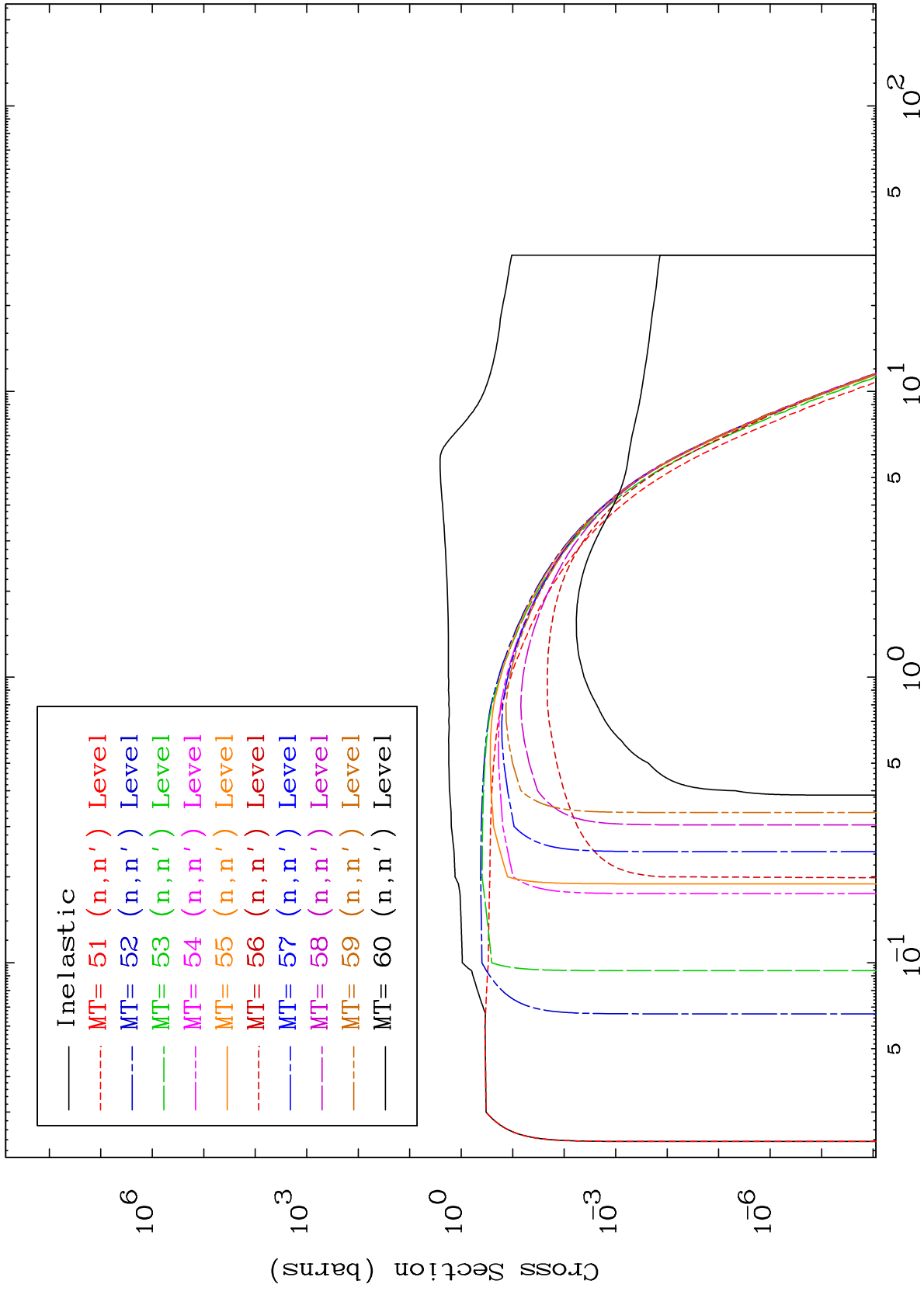


5

Incident Energy (MeV)

74-W -185



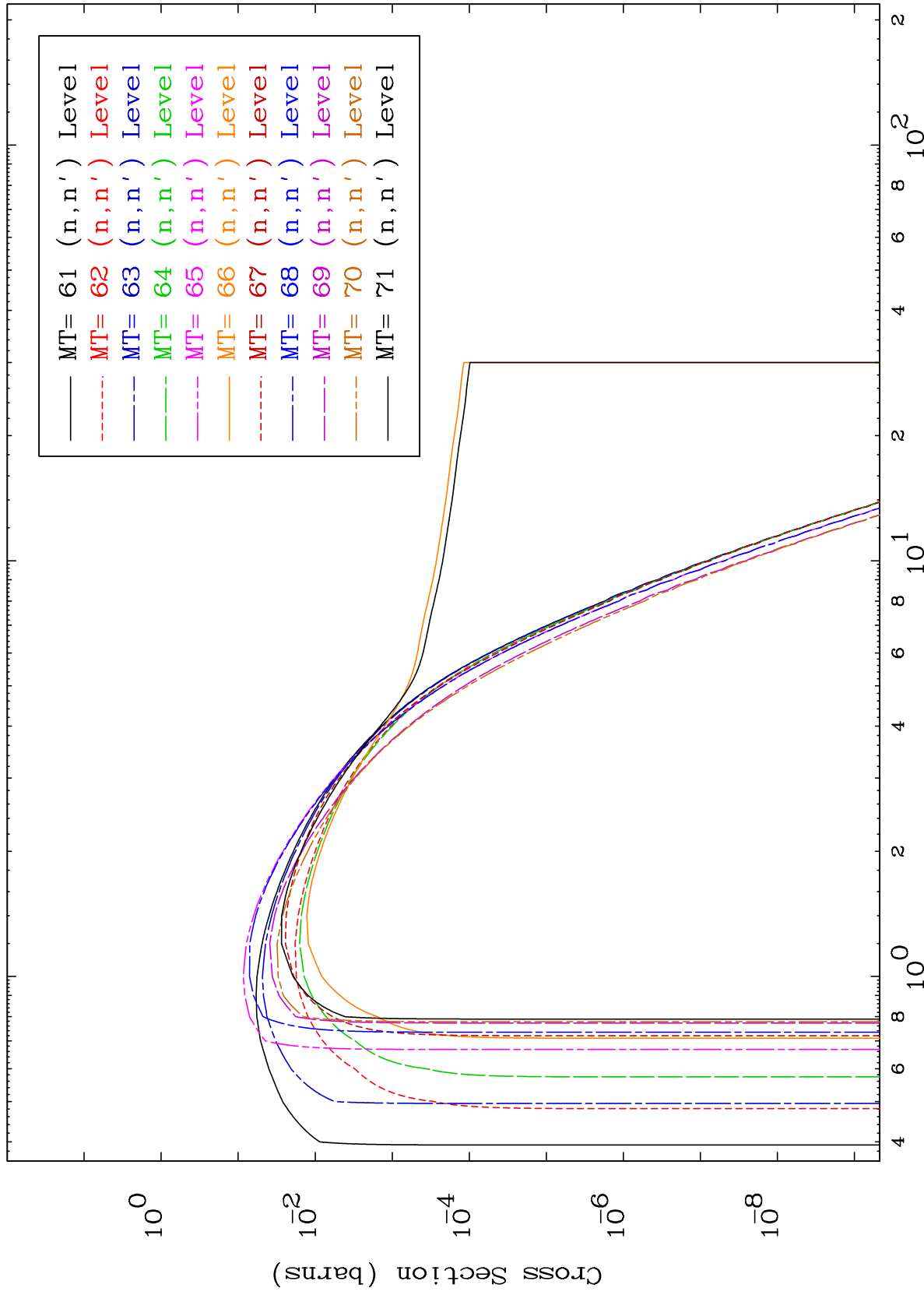


MAT 7440

(n,n') Level

293 Kelvin Cross Sections

74-W -185



8

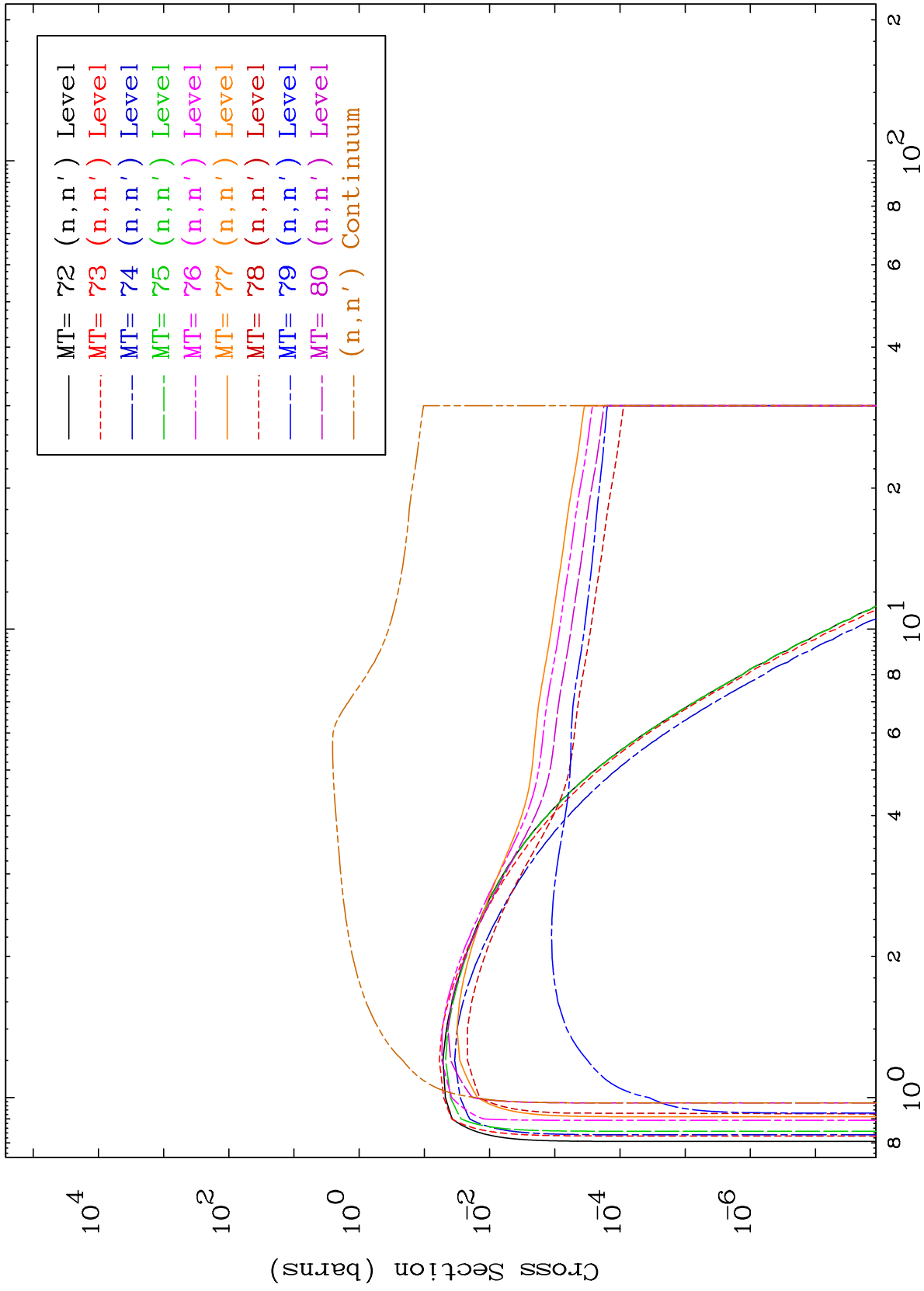
Incident Energy (MeV)

74-W -185

MAT 7440

(n,n') Level
293 Kelvin Cross Sections

74-W -185



9

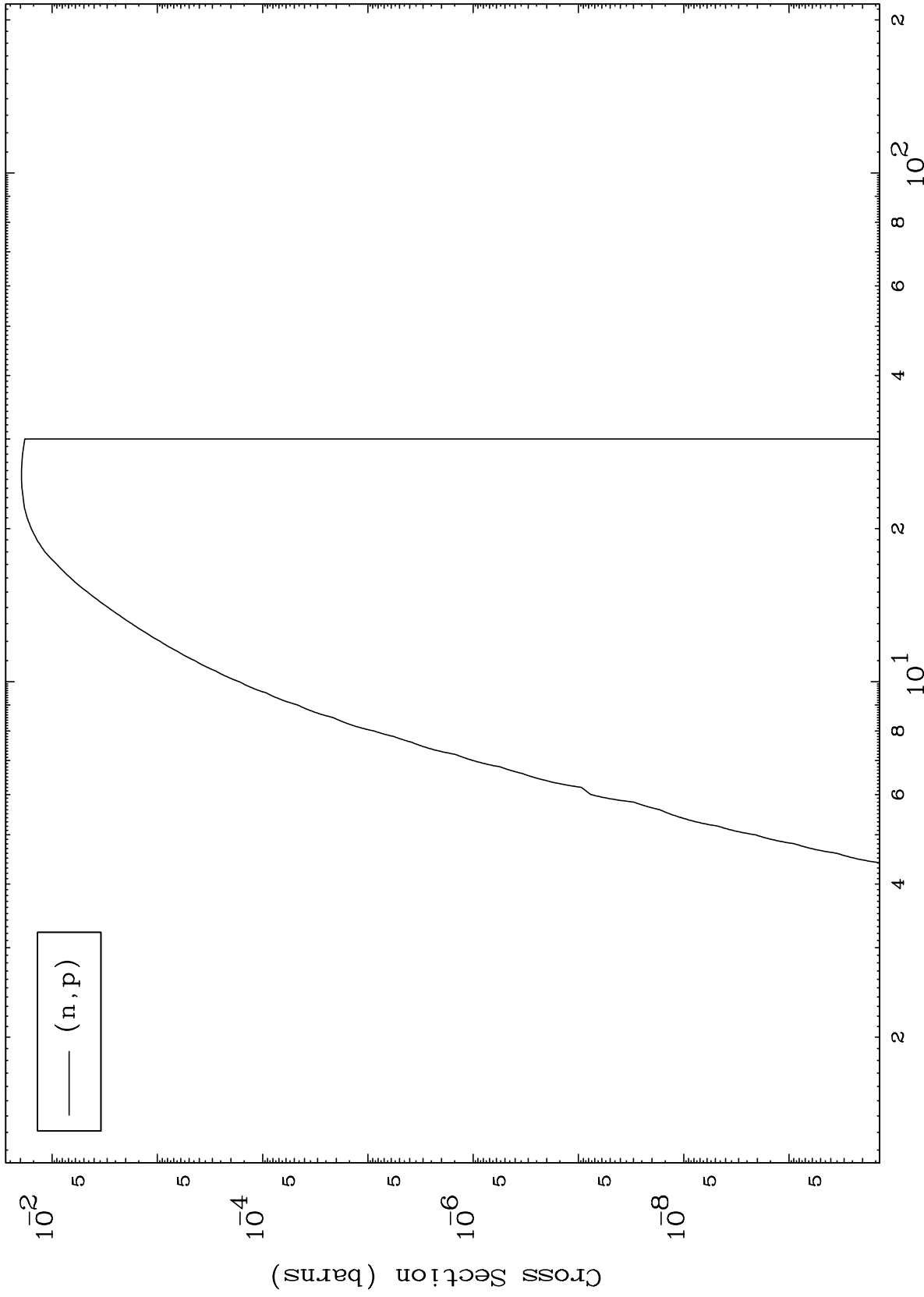
Incident Energy (MeV)

74-W -185

MAT 7440

(n,p) Levels
293 Kelvin Cross Sections

74-W -185



10

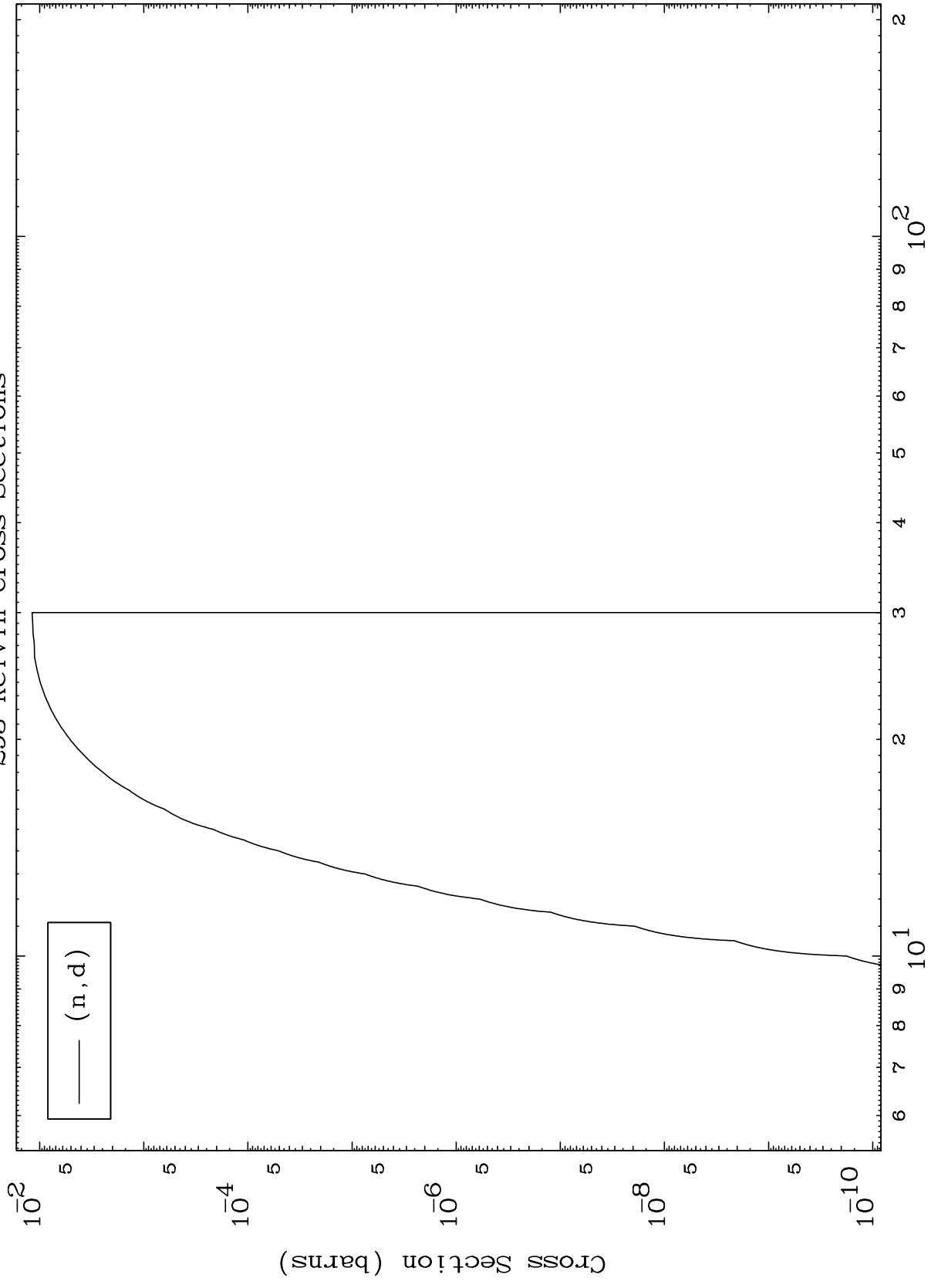
Incident Energy (MeV)

74-W -185

MAT 7440

(n,d) Levels
293 Kelvin Cross Sections

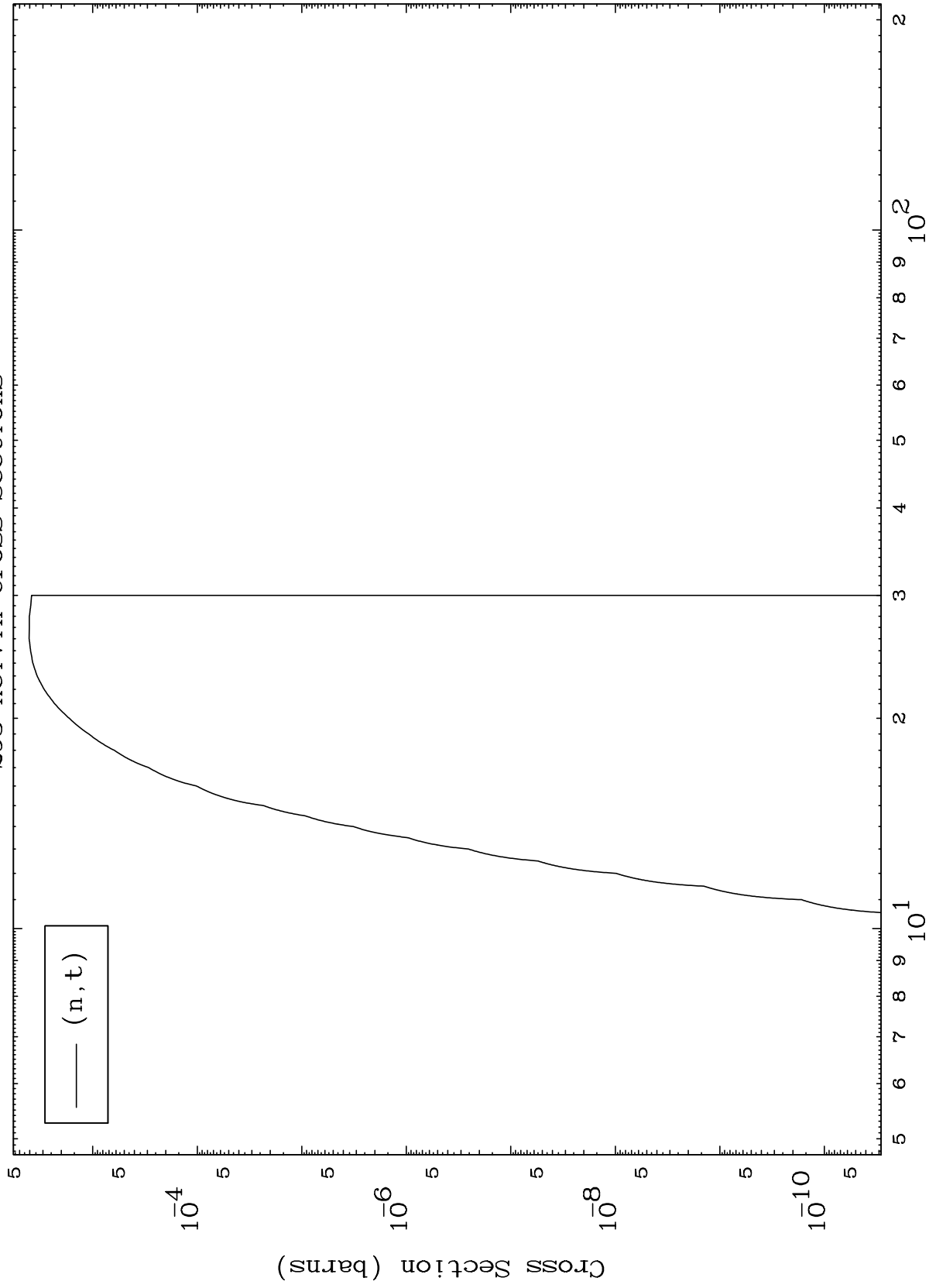
74-W -185



MAT 7440

(n,t) Levels
293 Kelvin Cross Sections

74-W -185



12

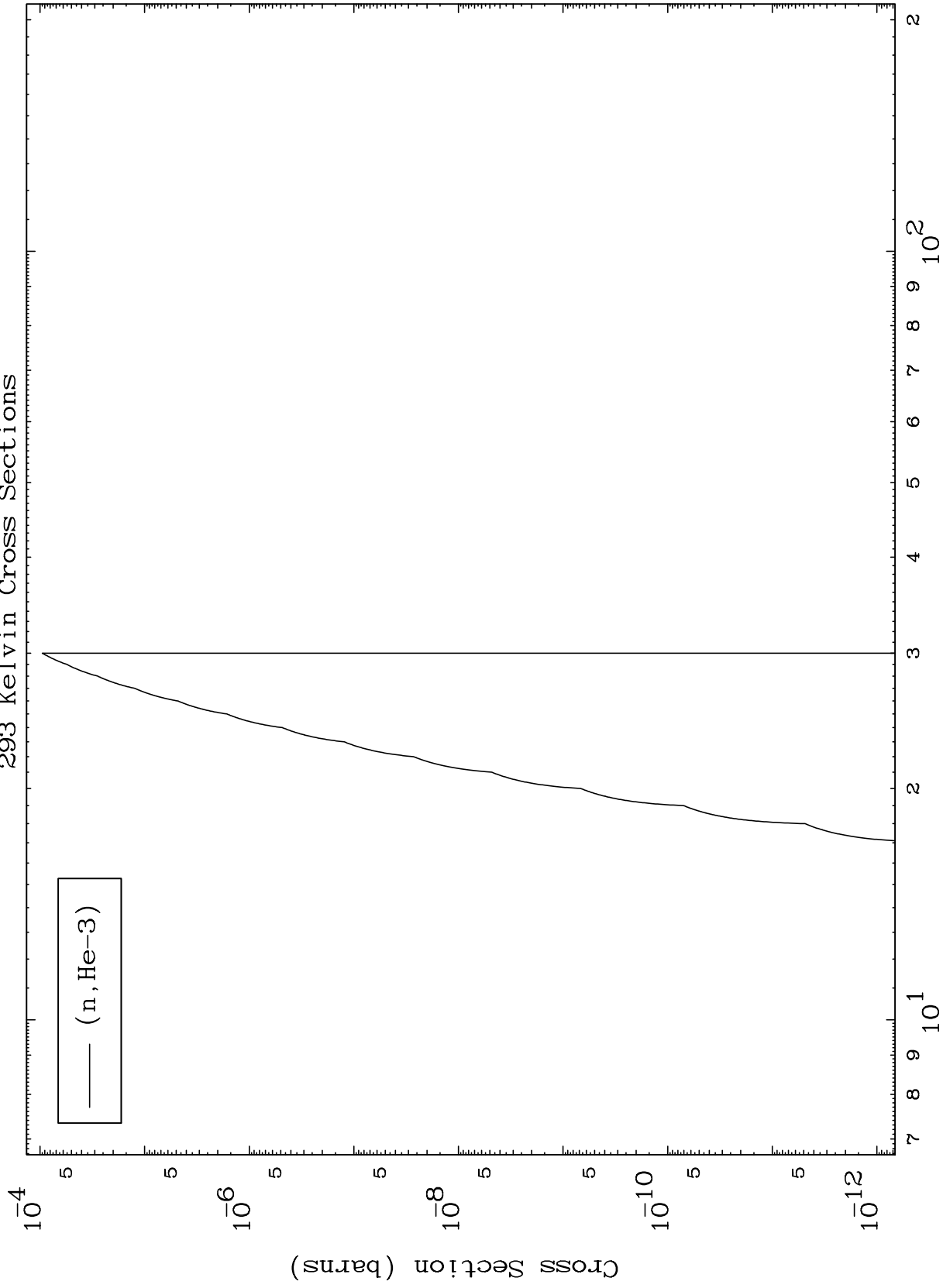
Incident Energy (MeV)

74-W -185

MAT 7440

(n,He3) Levels
293 Kelvin Cross Sections

74-W -185



(n, He-3)

13

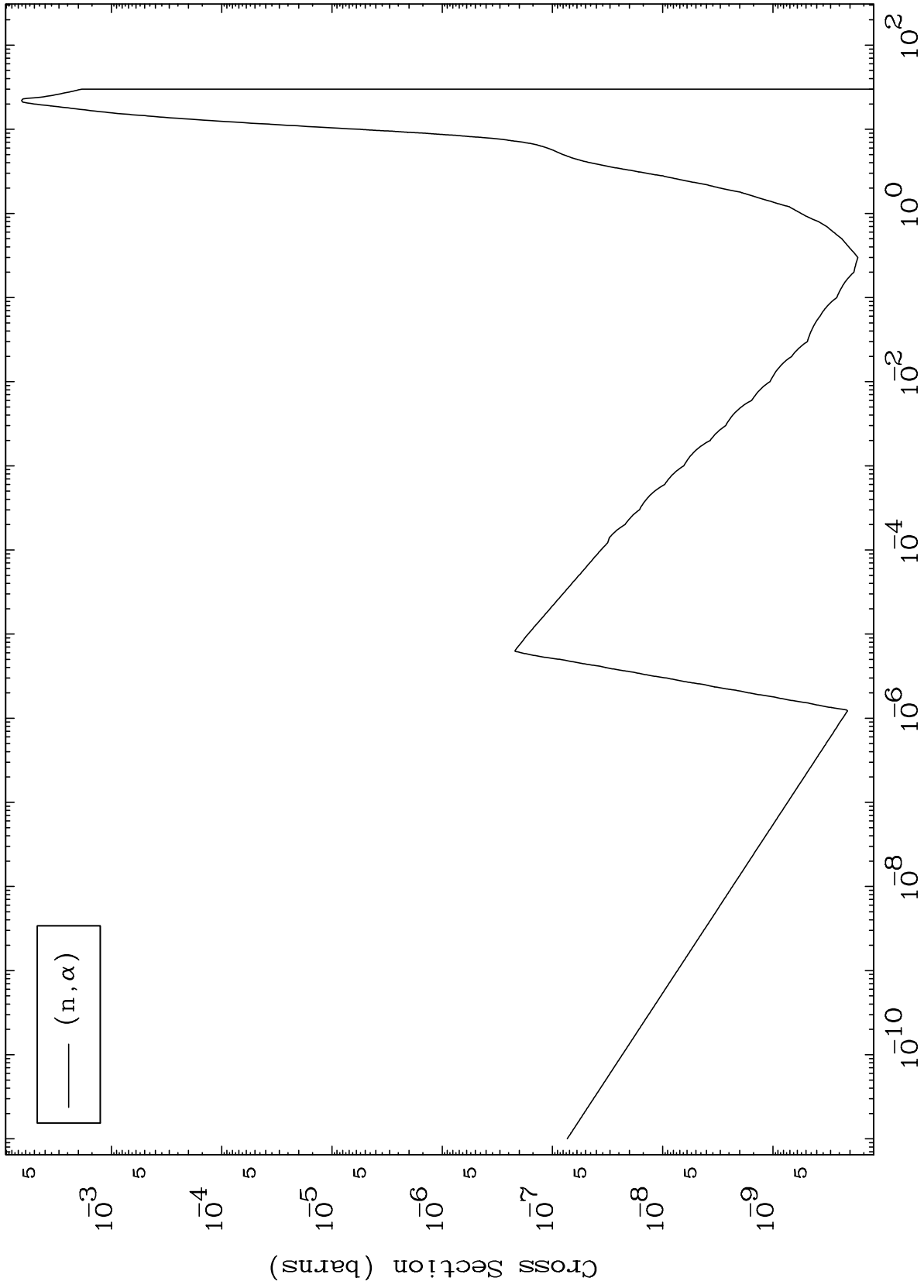
Incident Energy (MeV)

74-W -185

MAT 7440

(n,α) Levels
293 Kelvin Cross Sections

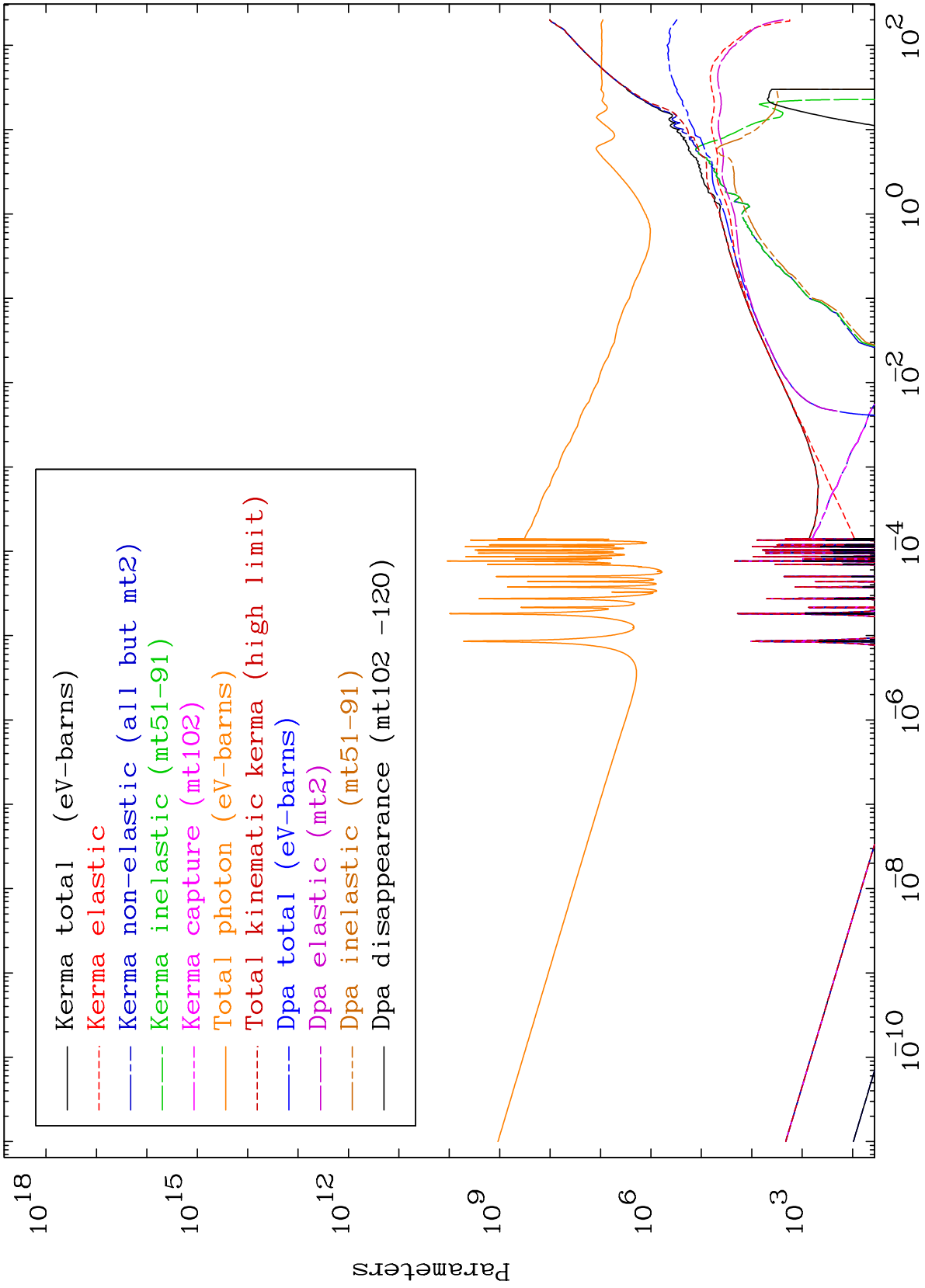
74-W -185



14

Incident Energy (MeV)

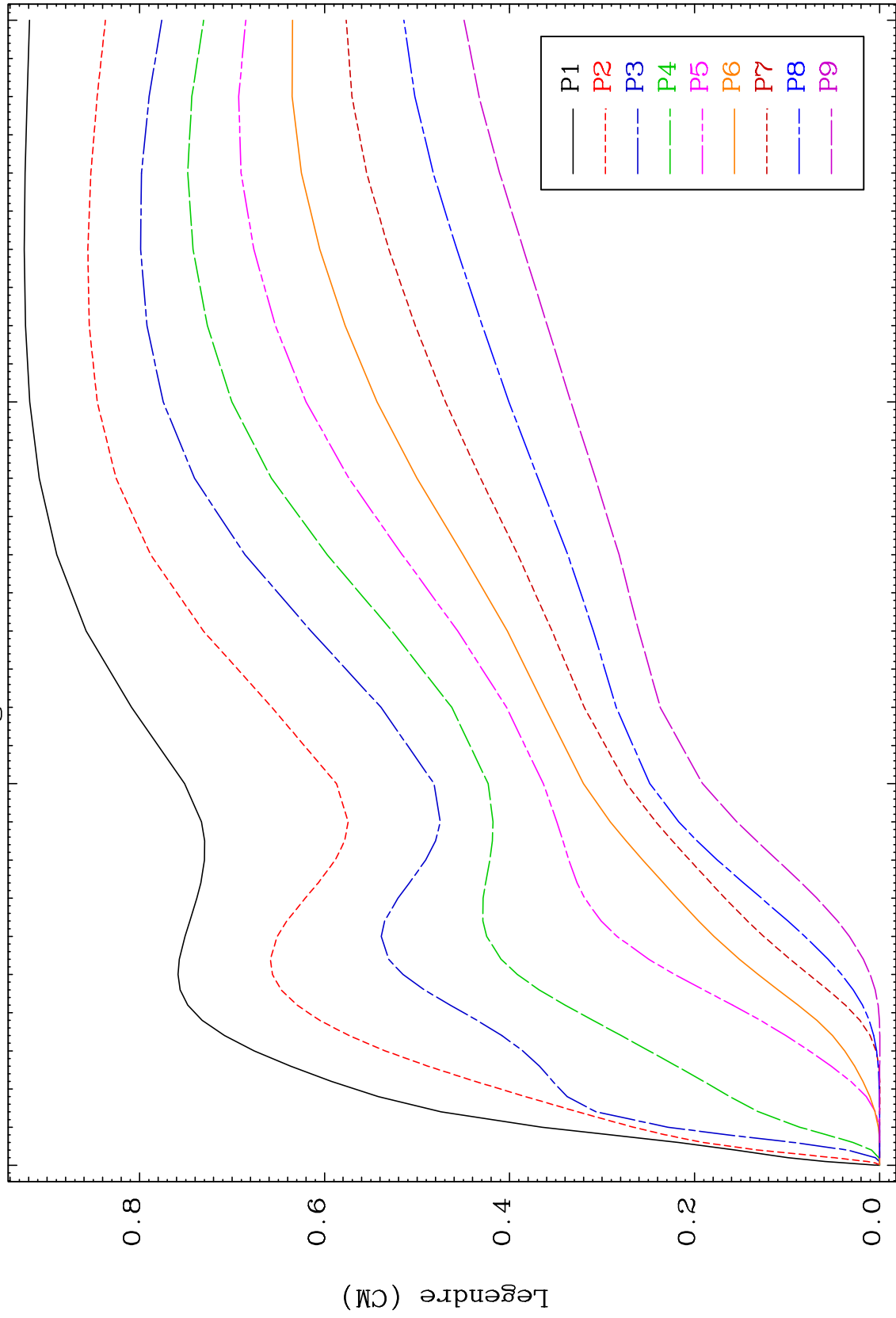
74-W -185



MAT 7440

Elastic Legendre Coefficients

74-W -185



16

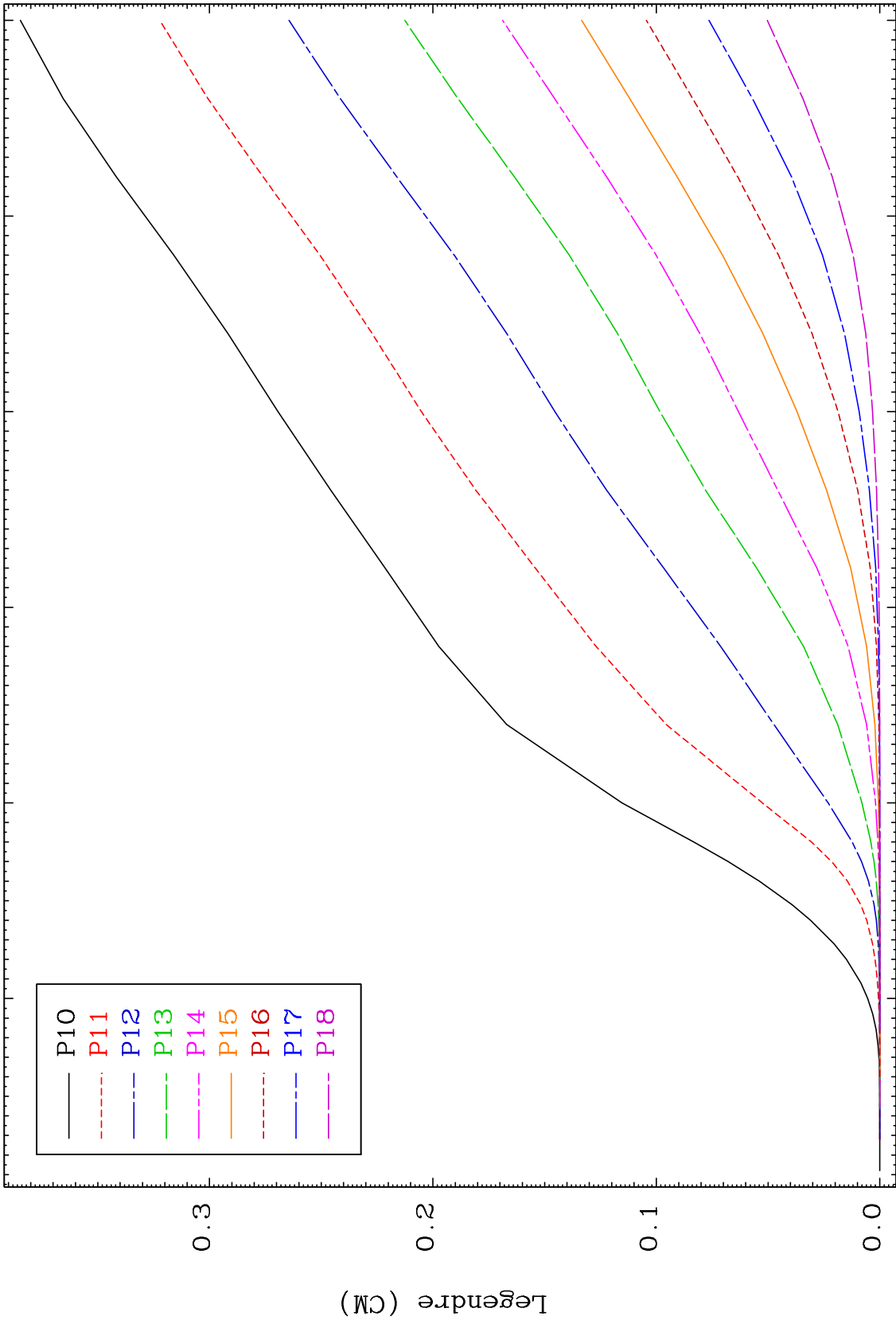
Incident Energy (MeV)

74-W -185

MAT 7440

Elastic Legendre Coefficients

74-W -185



Legendre (CM)

17

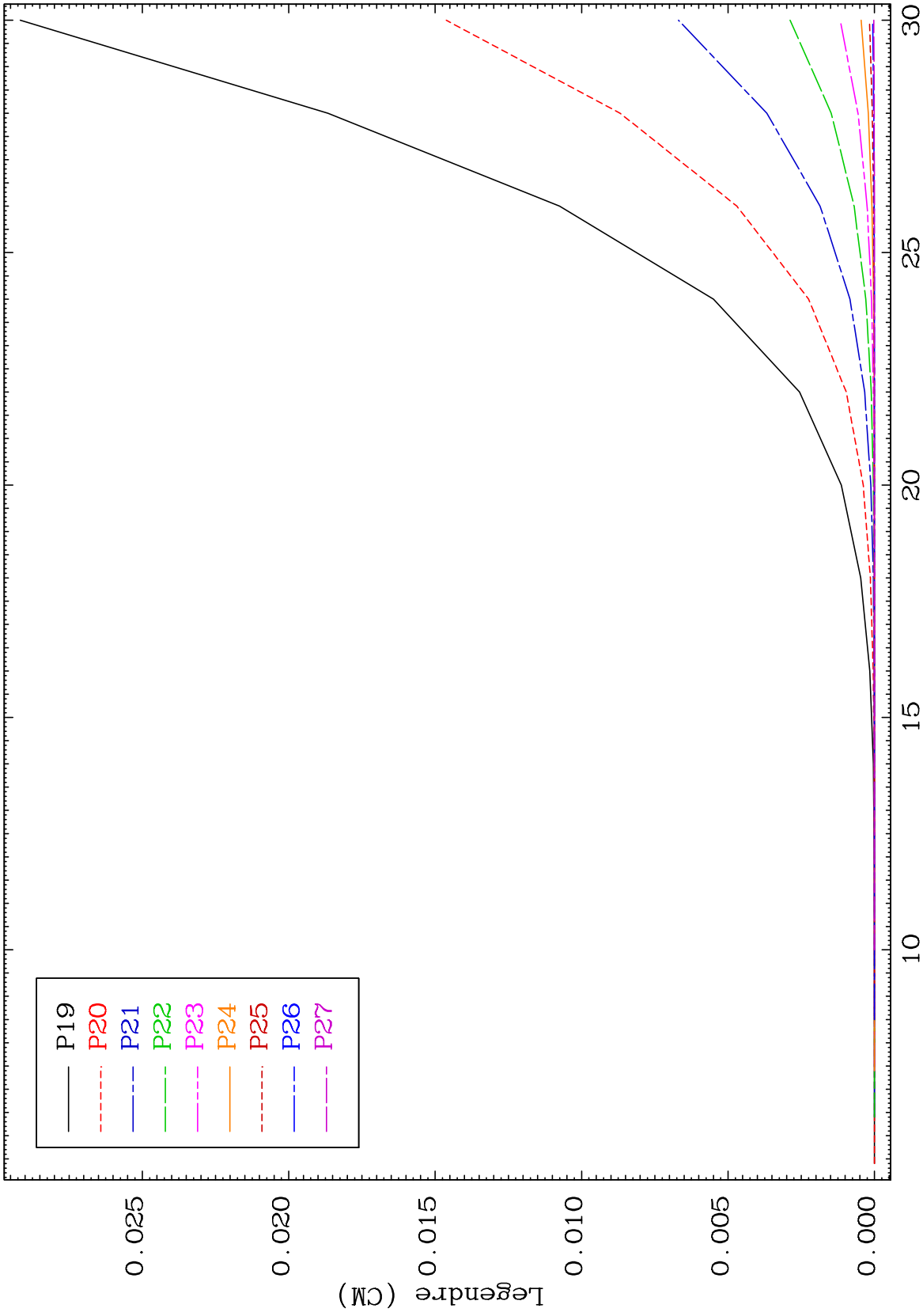
Incident Energy (MeV)

74-W -185

MAT 7440

Elastic Legendre Coefficients

74-W -185



18

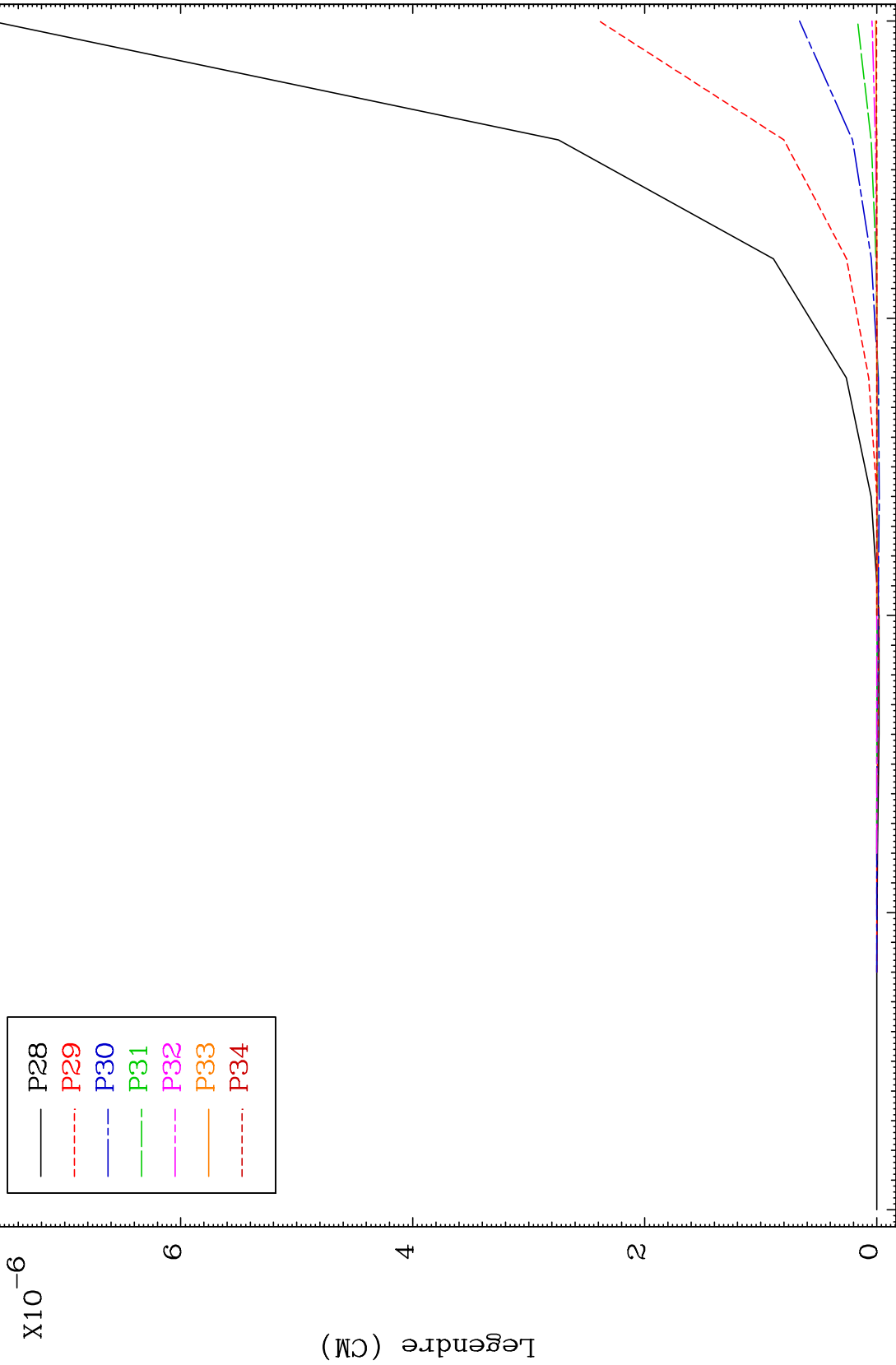
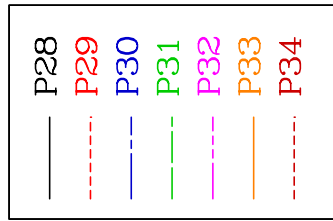
Incident Energy (MeV)

74-W -185

MAT 7440

Elastic Legendre Coefficients

74-W -185



19

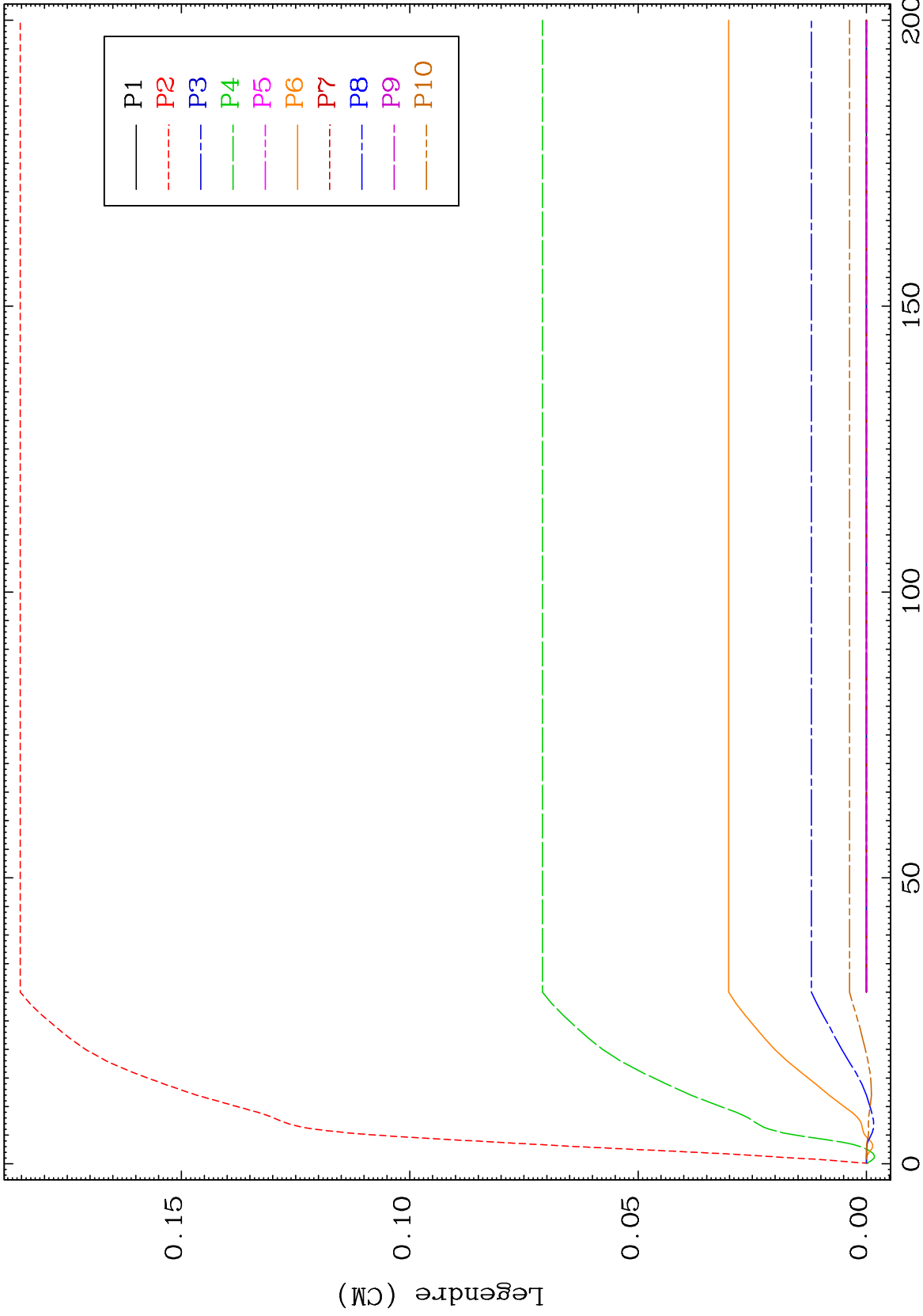
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



20

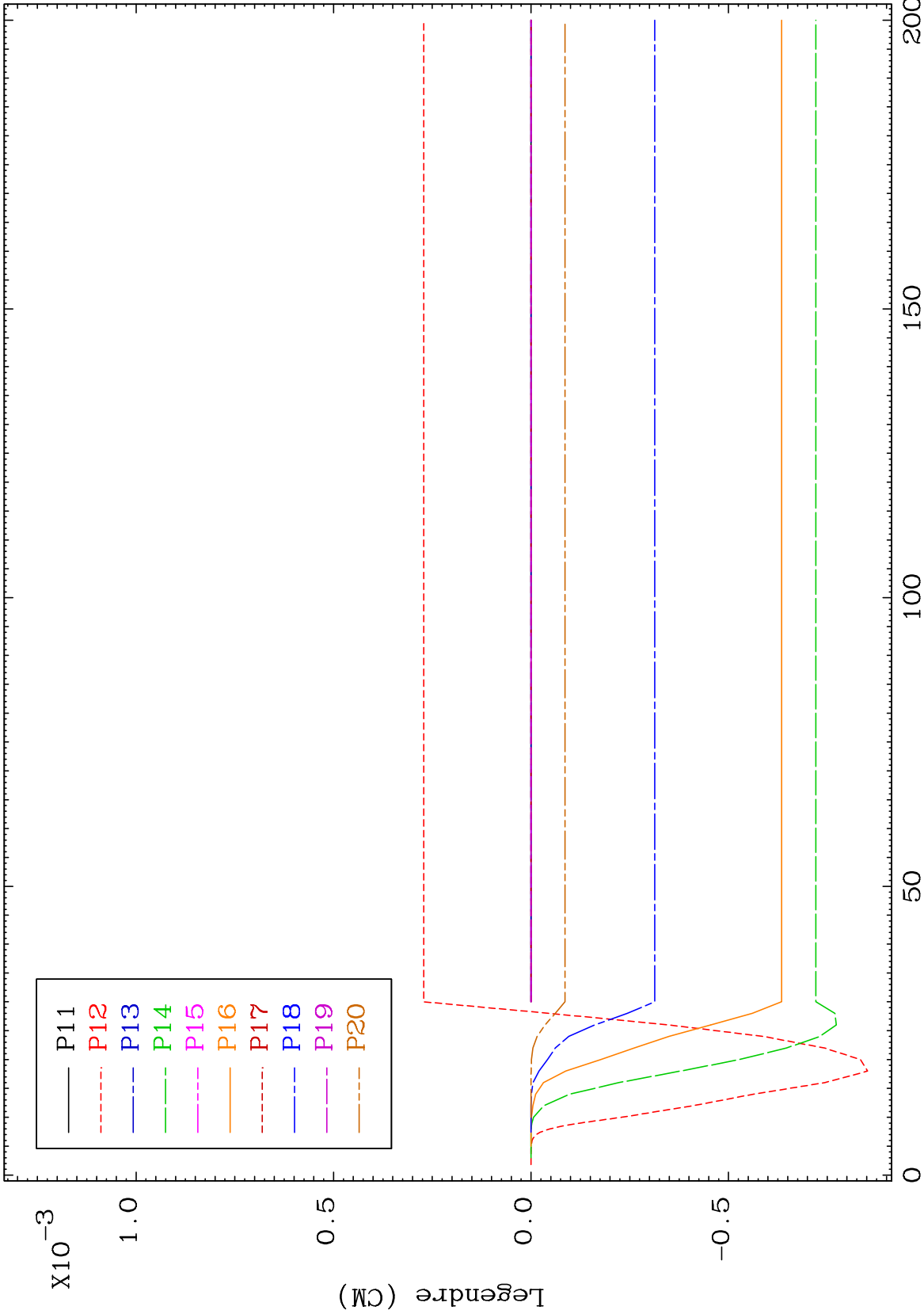
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



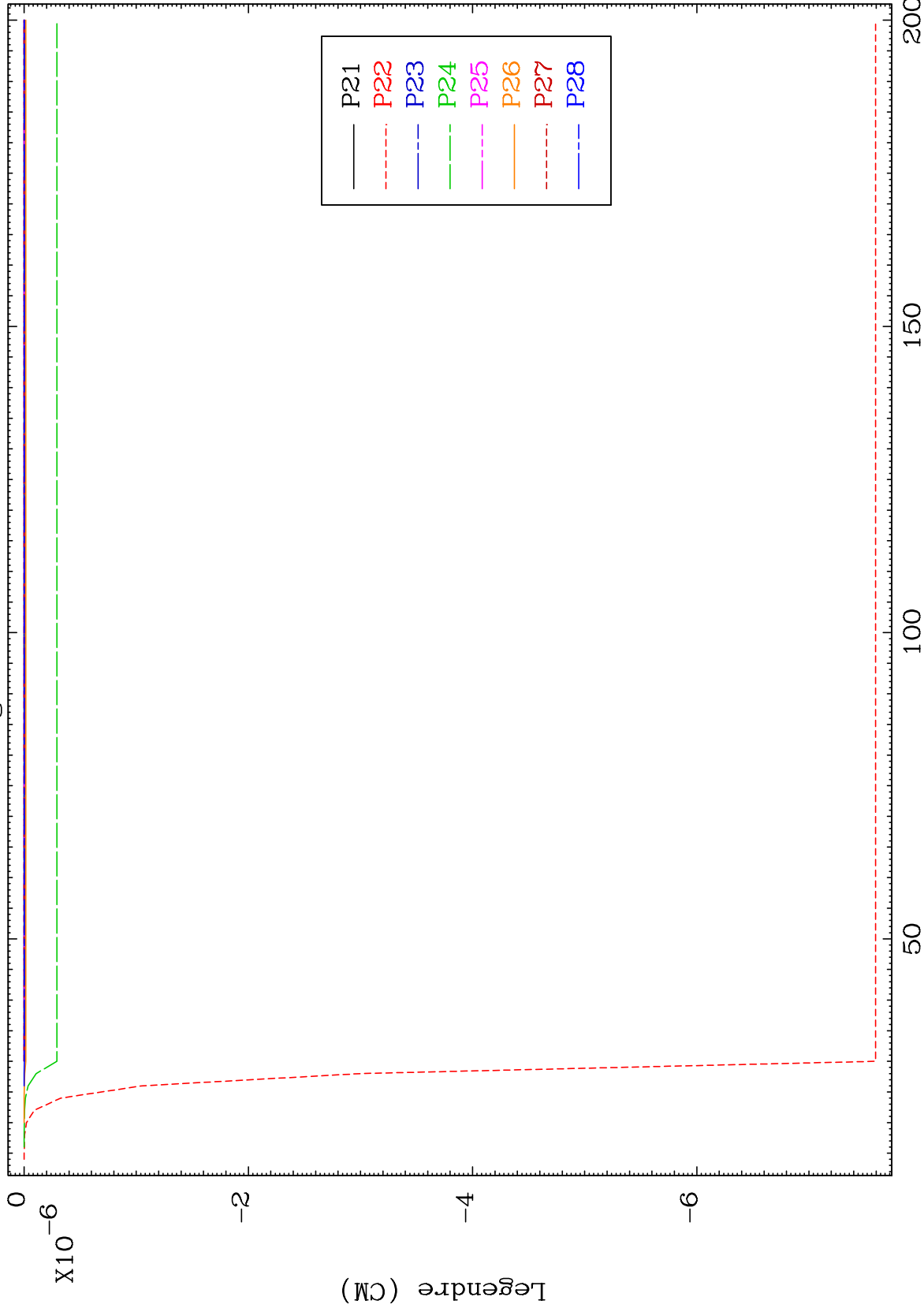
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Incident Energy (MeV)

74-W -185

MAT 7440 MT= 51 (n,n') Level 74-W -185

Legendre Coefficients

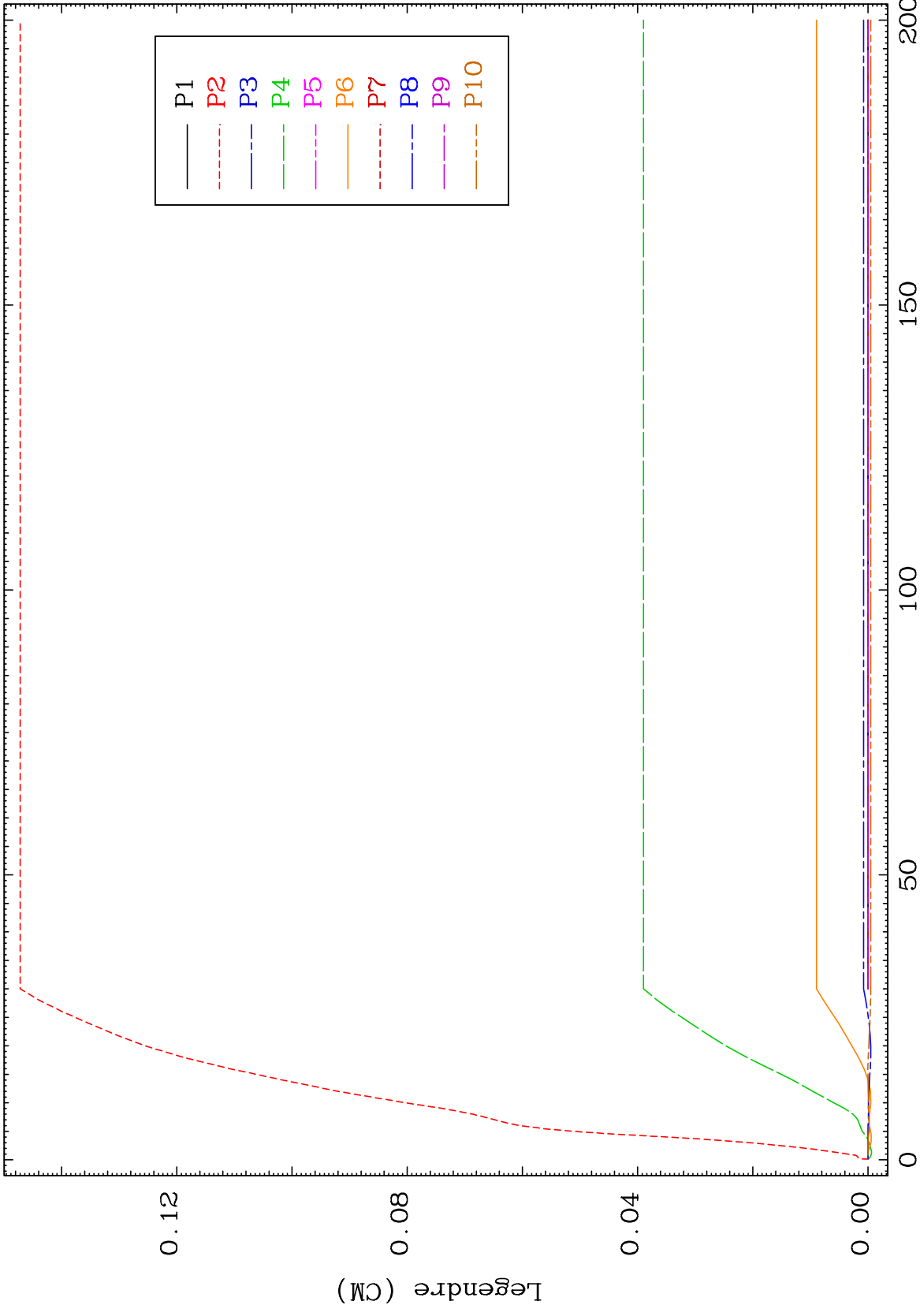


22 74-W -185

MAT 7440

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

74-W -185

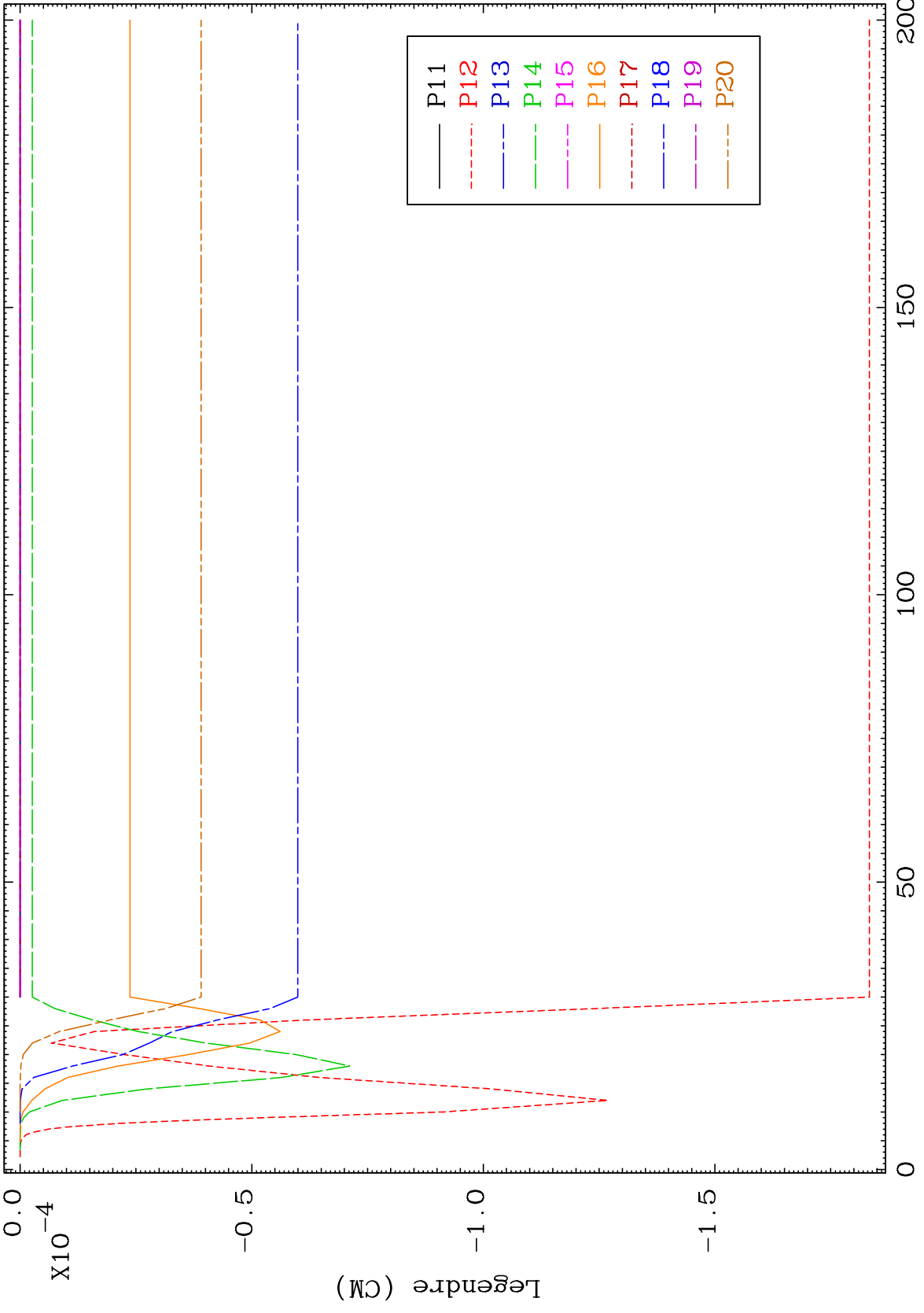


23

Incident Energy (MeV)

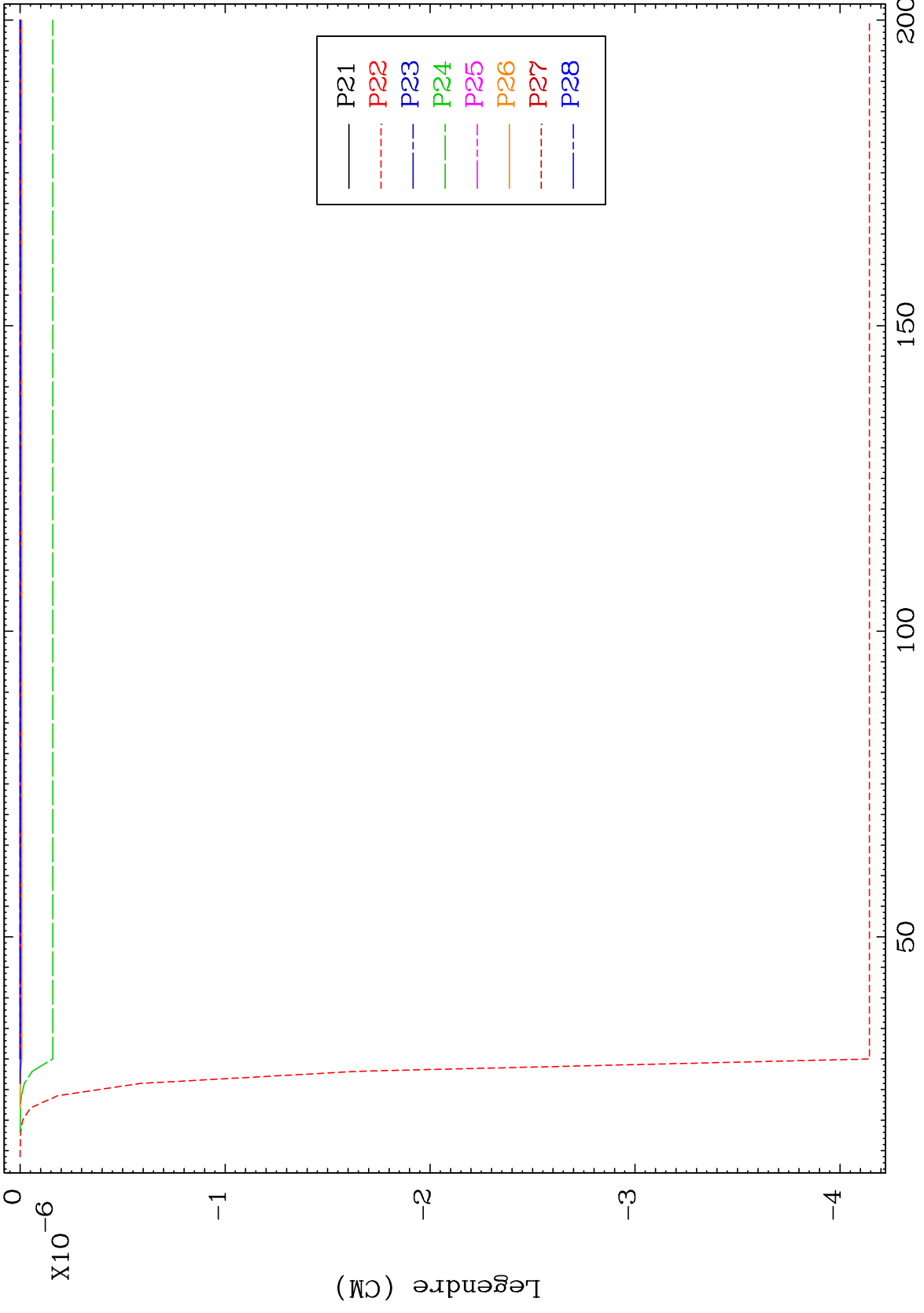
74-W -185

MAT 7440 MT= 52 (n,n') Level Legendre Coefficients 74-W -185



24 74-W -185

MAT 7440 MT= 52 (n,n') Level Legendre Coefficients 74-W -185

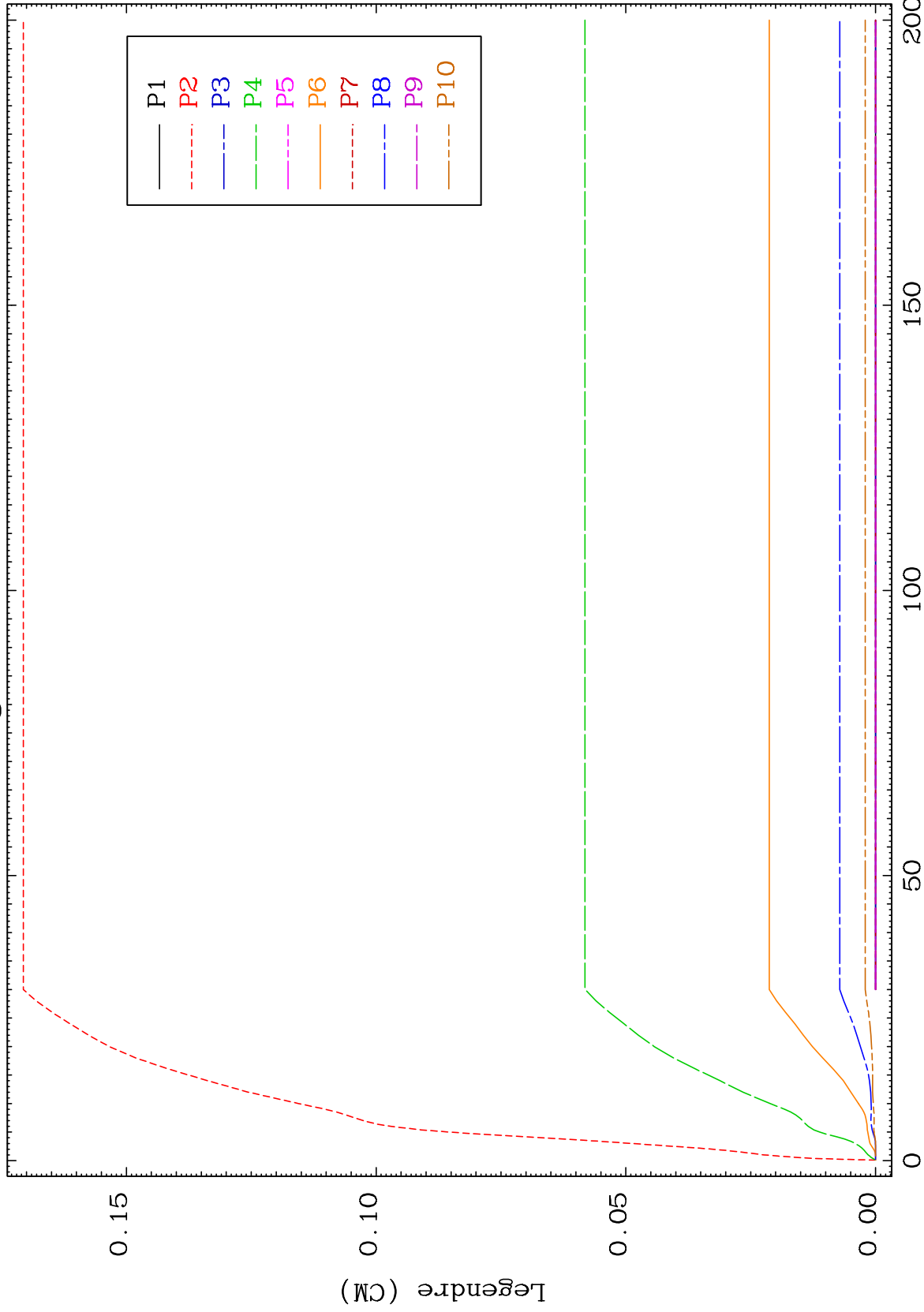


25 Incident Energy (MeV) 74-W -185

MAT 7440

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

74-W -185



26

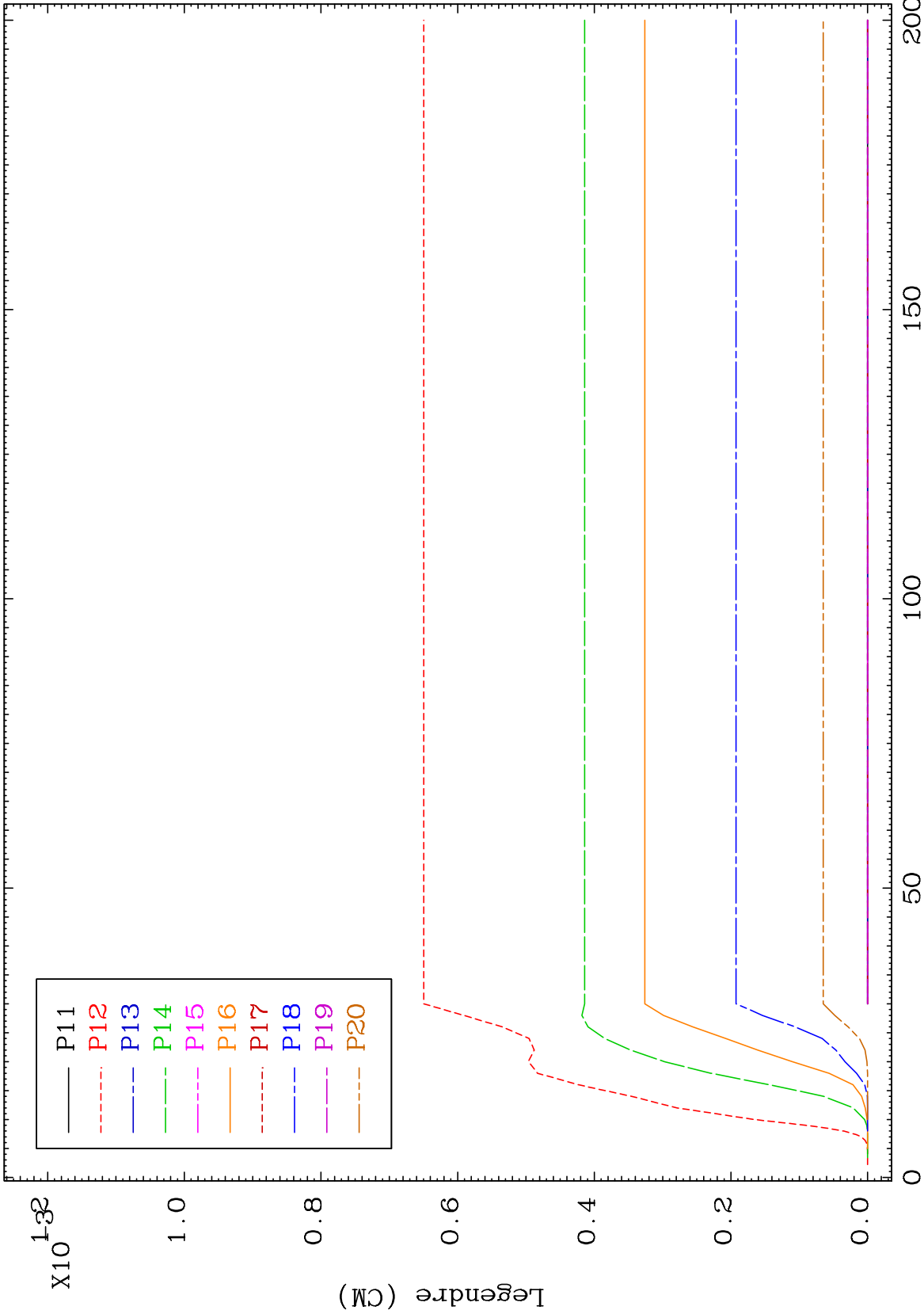
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



27

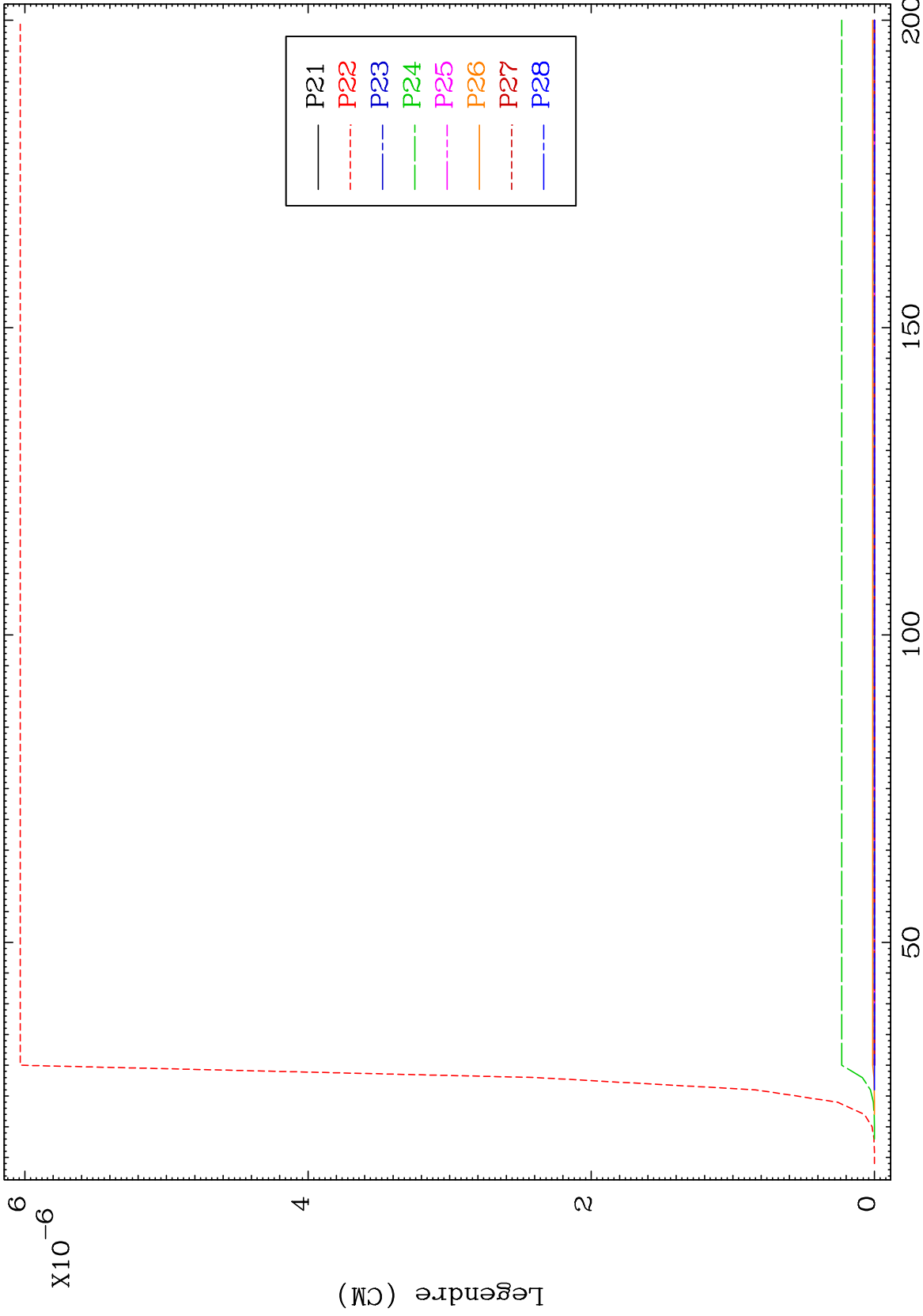
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

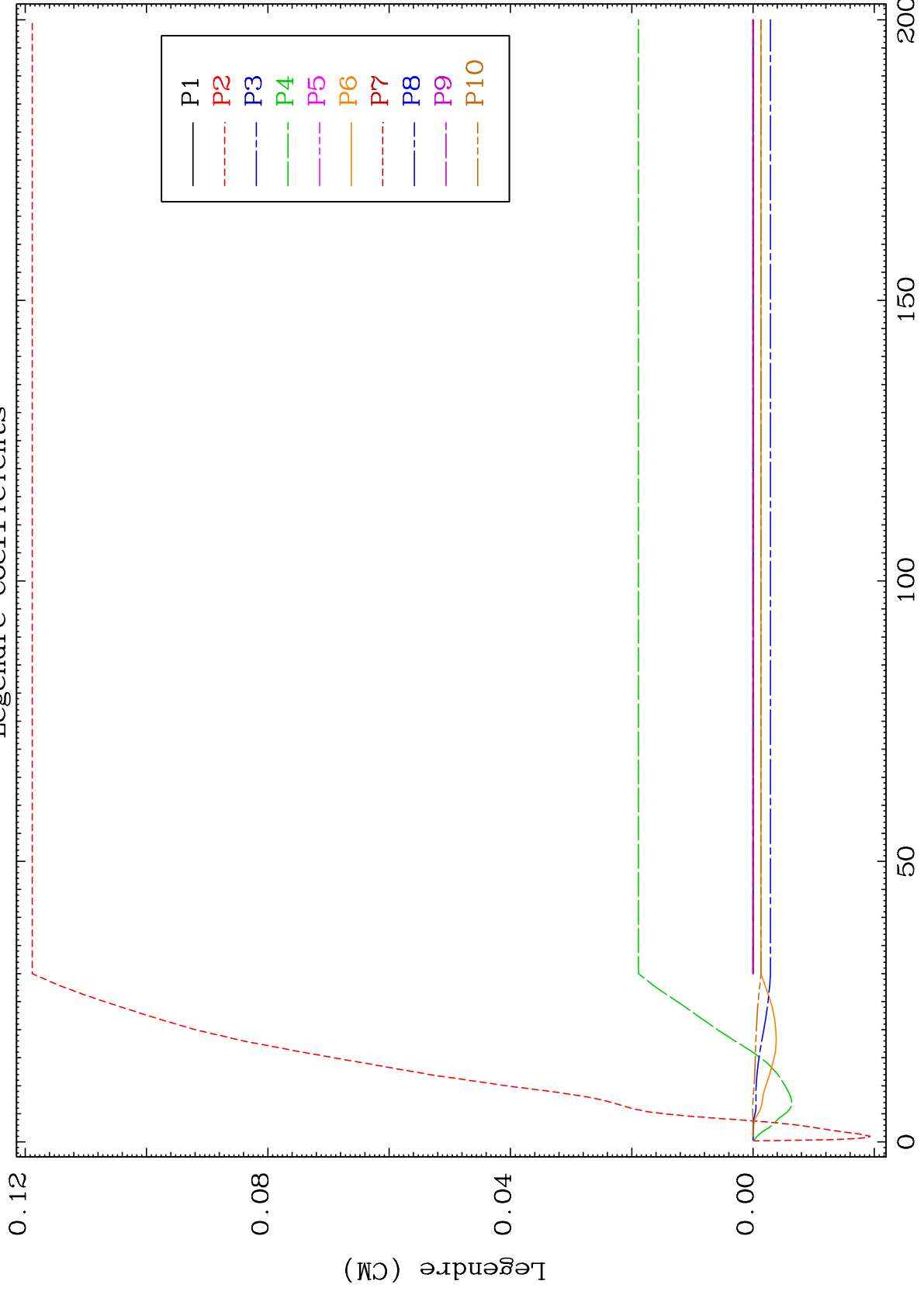


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Incident Energy (MeV)

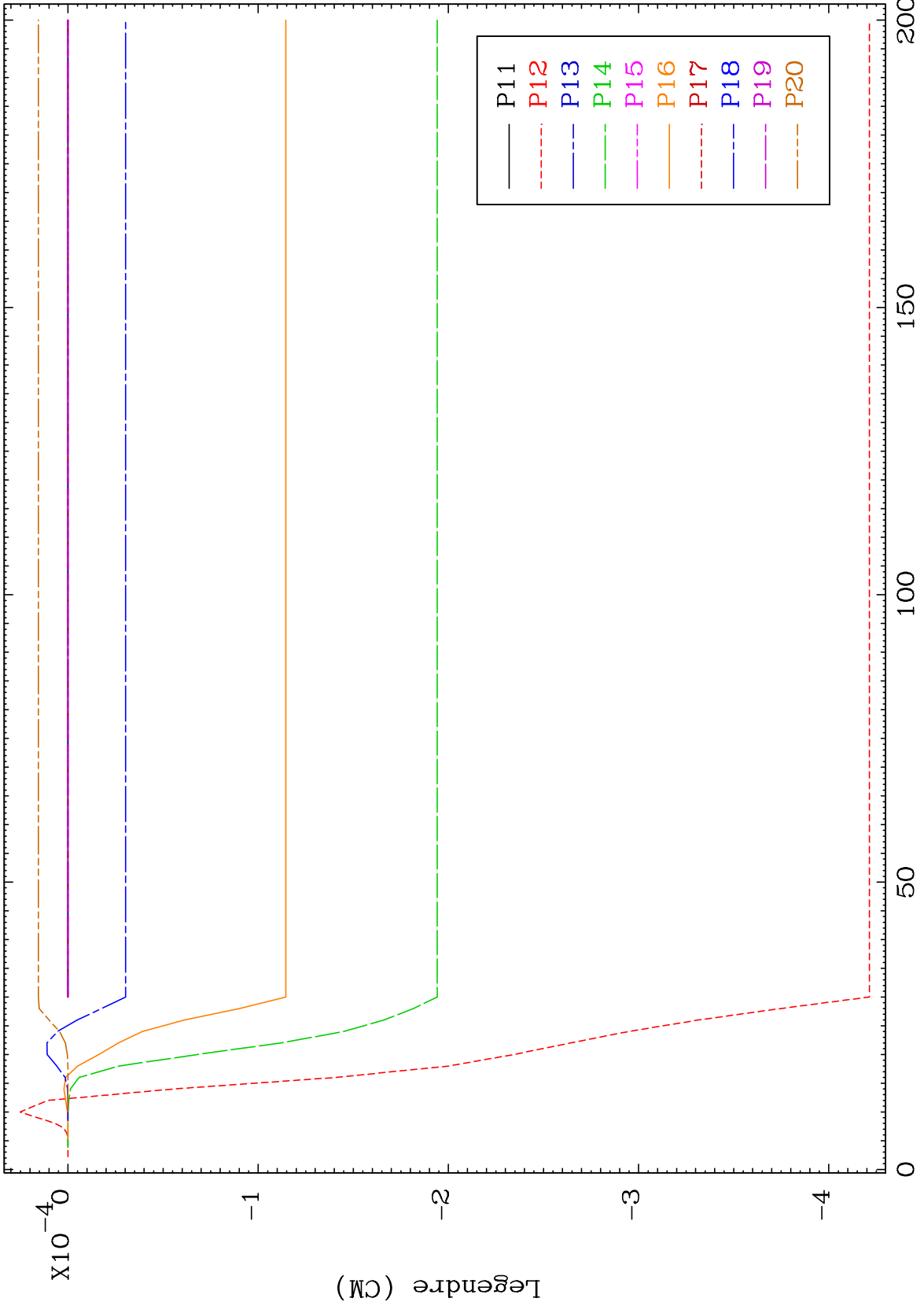
74-W -185

MAT 7440 MT= 54 (n,n') Level Legendre Coefficients 74-W -185



29 74-W -185

MAT 7440 MT= 54 (n,n') Level Legendre Coefficients 74-W -185

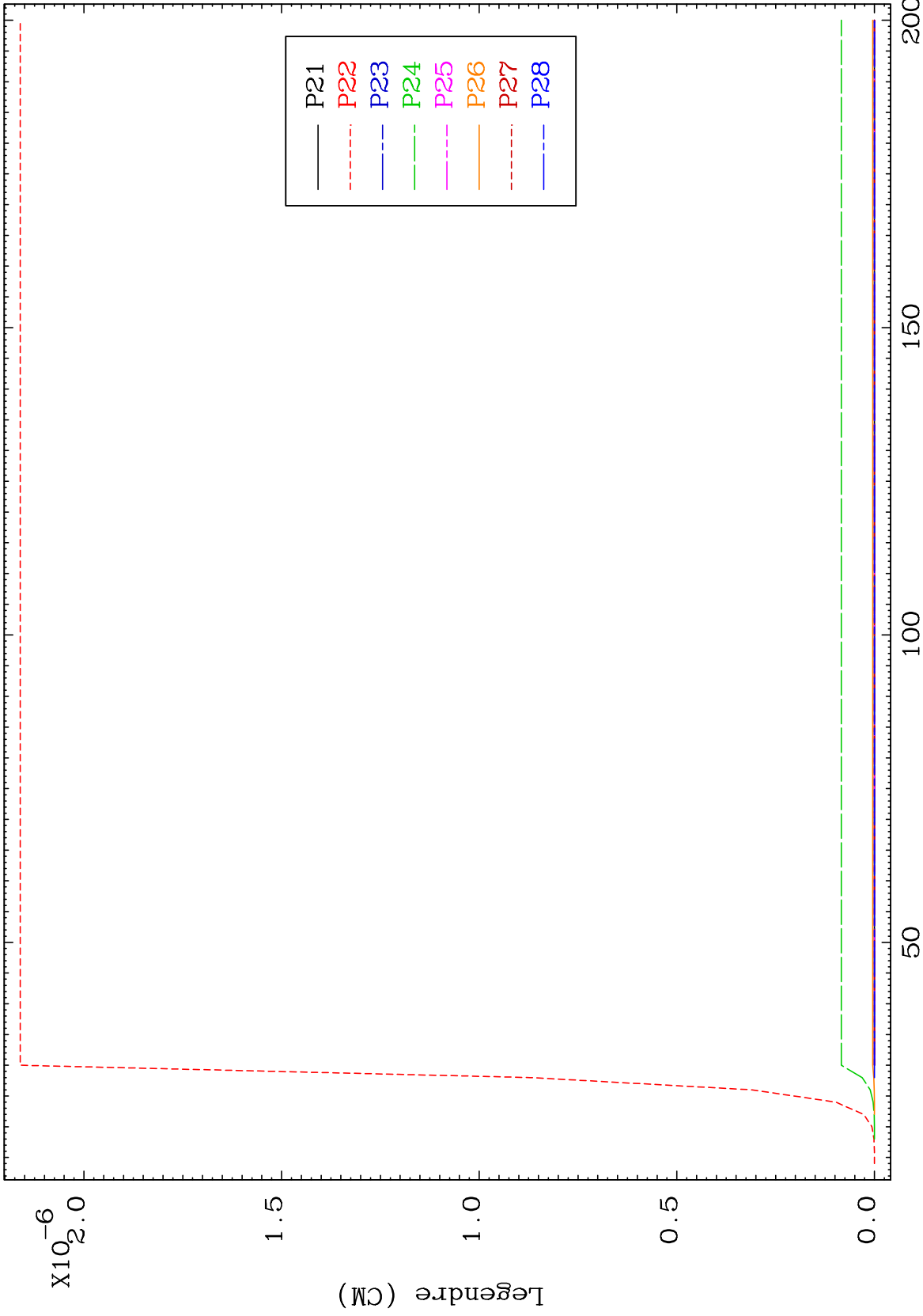


Incident Energy (MeV) 74-W -185

MAT 7440

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

74-W -185



31

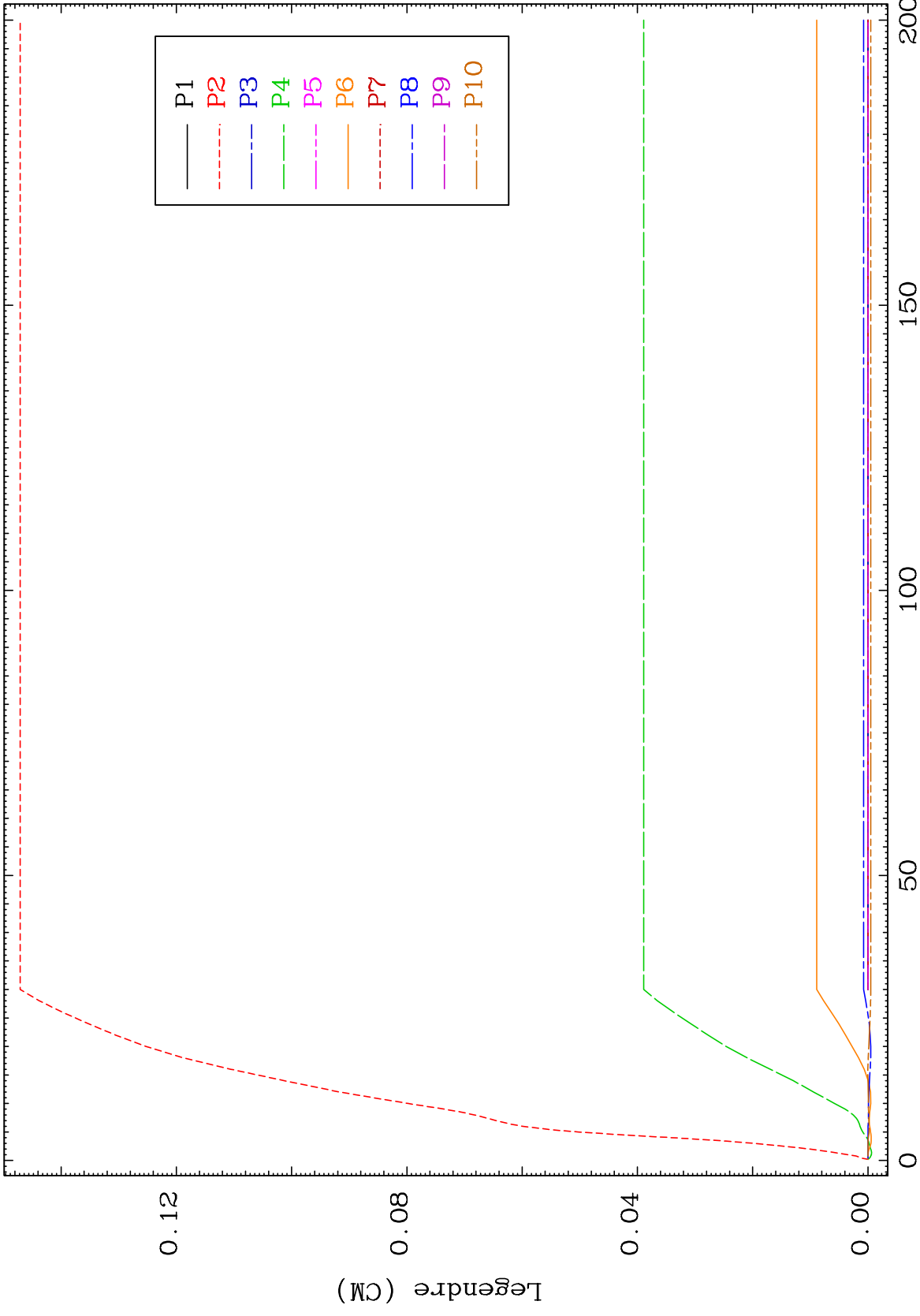
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



32

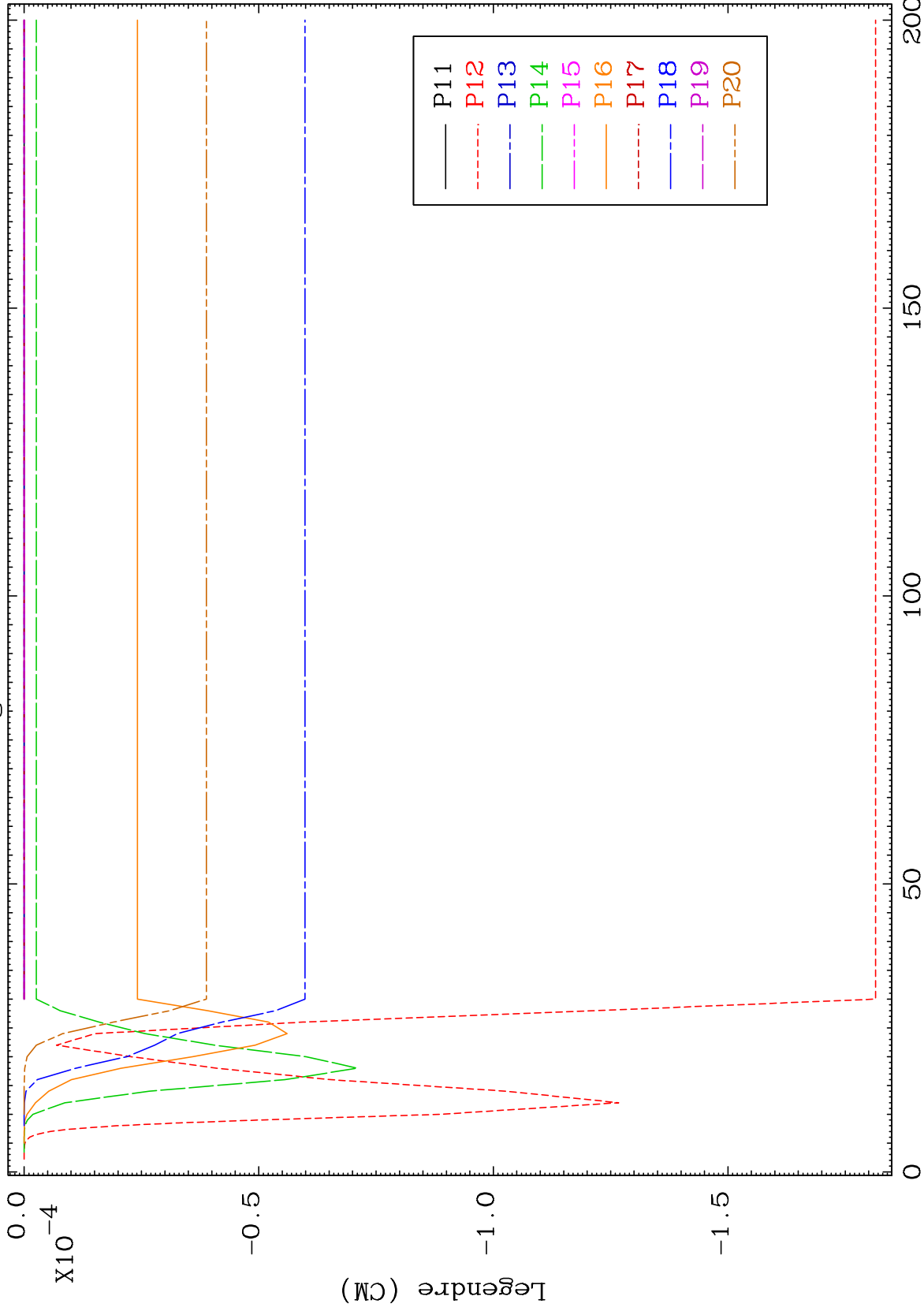
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

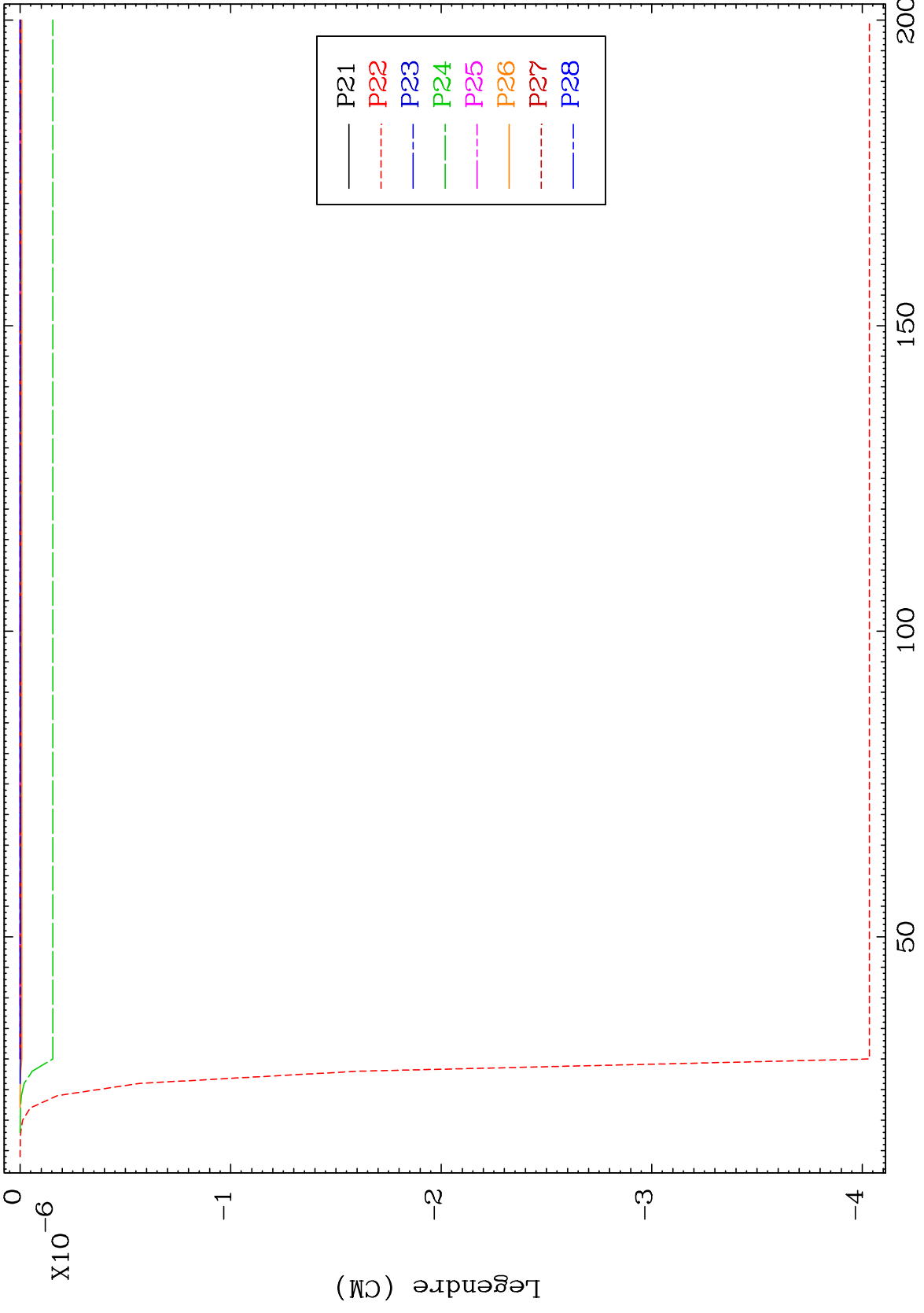


33

Incident Energy (MeV)

74-W -185

MAT 7440 MT= 55 (n,n') Level Legendre Coefficients 74-W -185

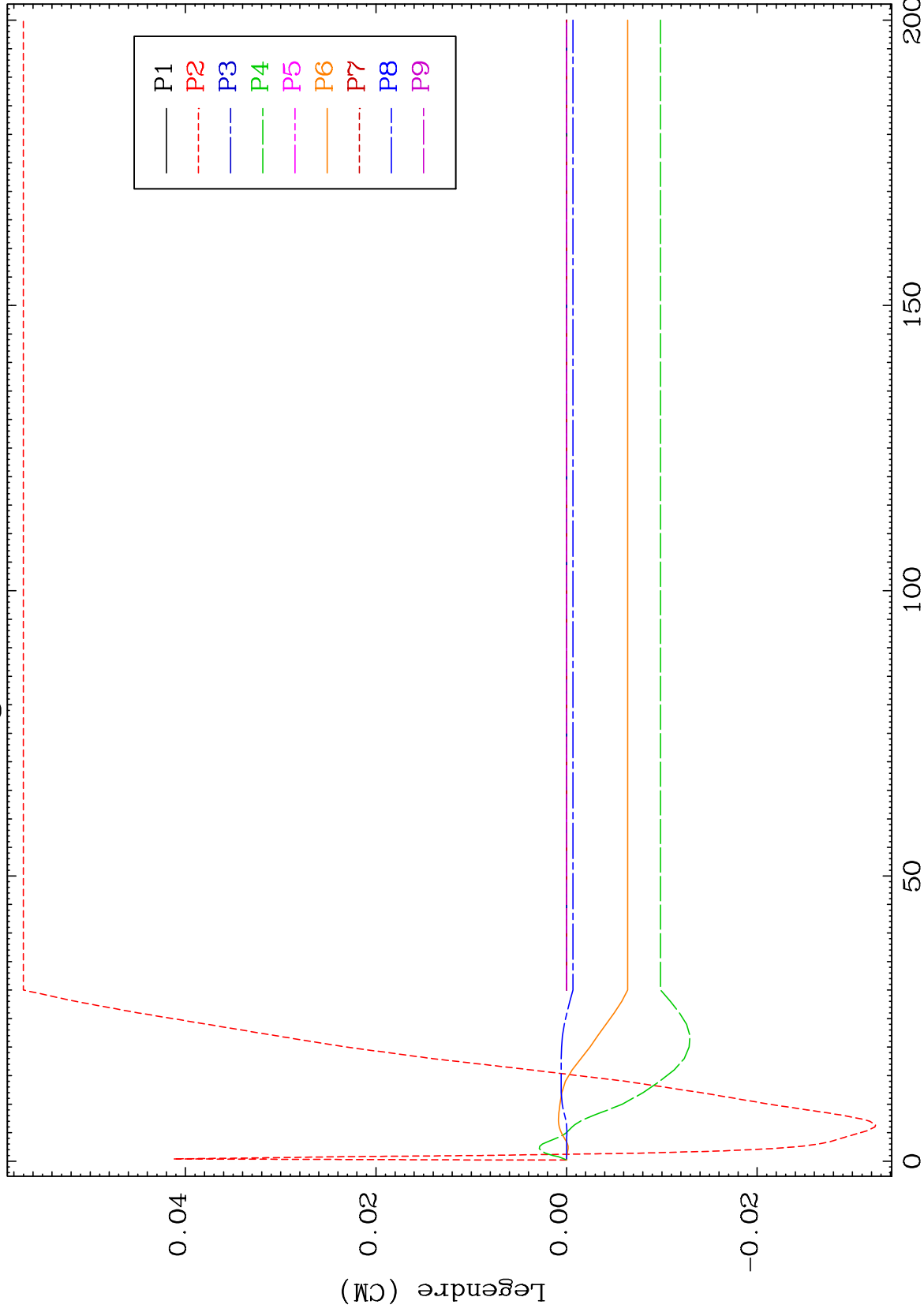


34 74-W -185

MAT 7440

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

74-W -185



35

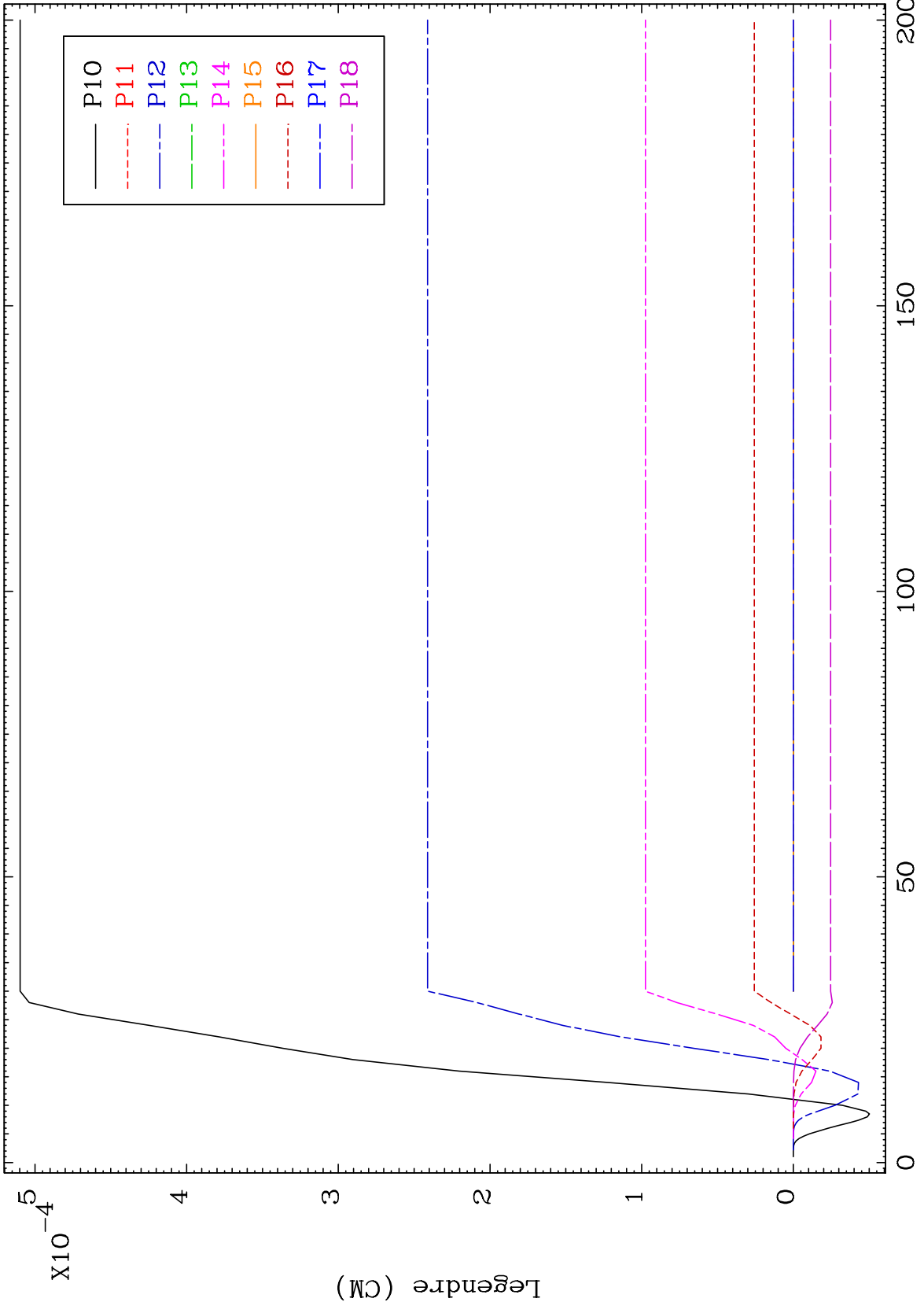
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

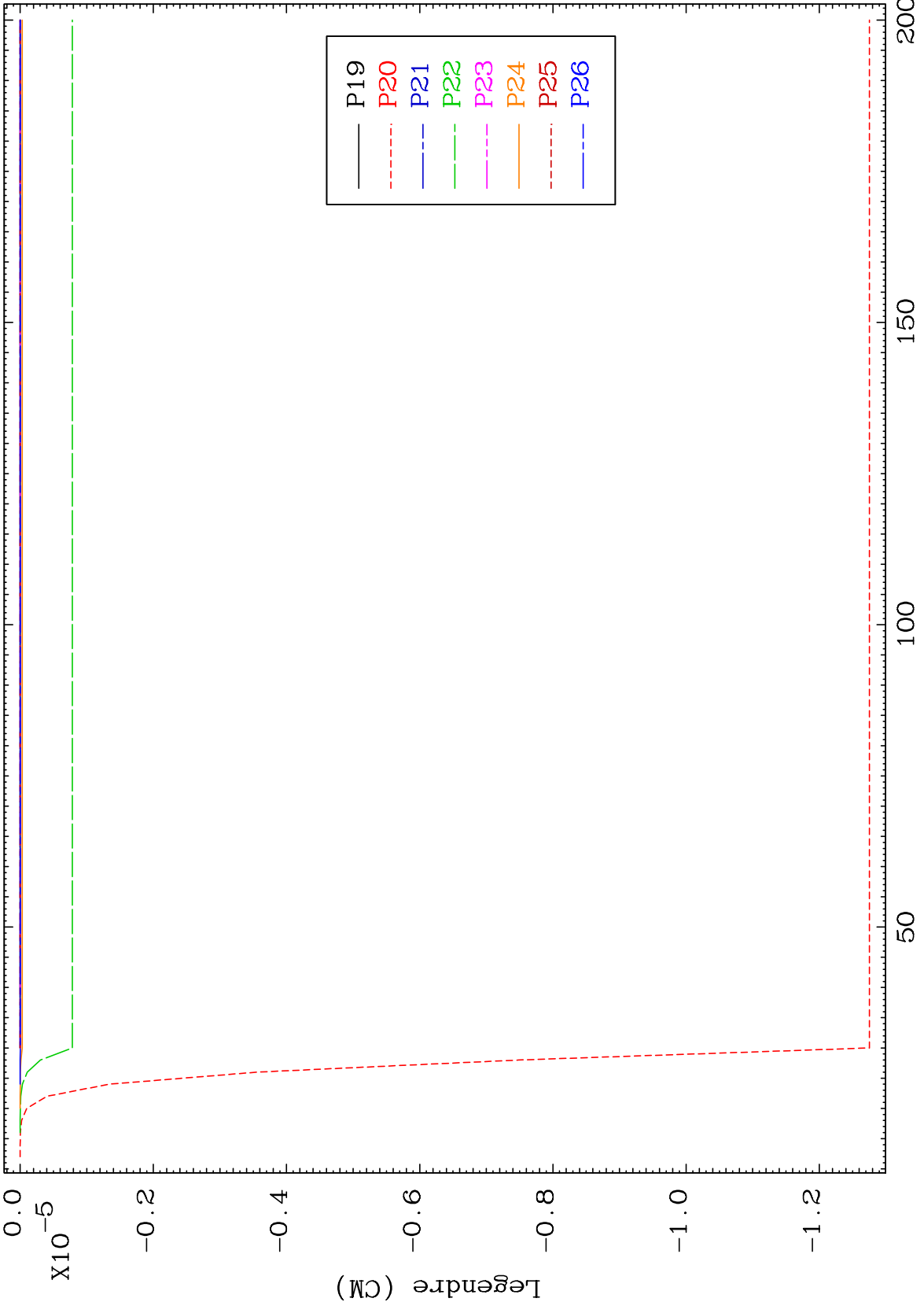


36

Incident Energy (MeV)

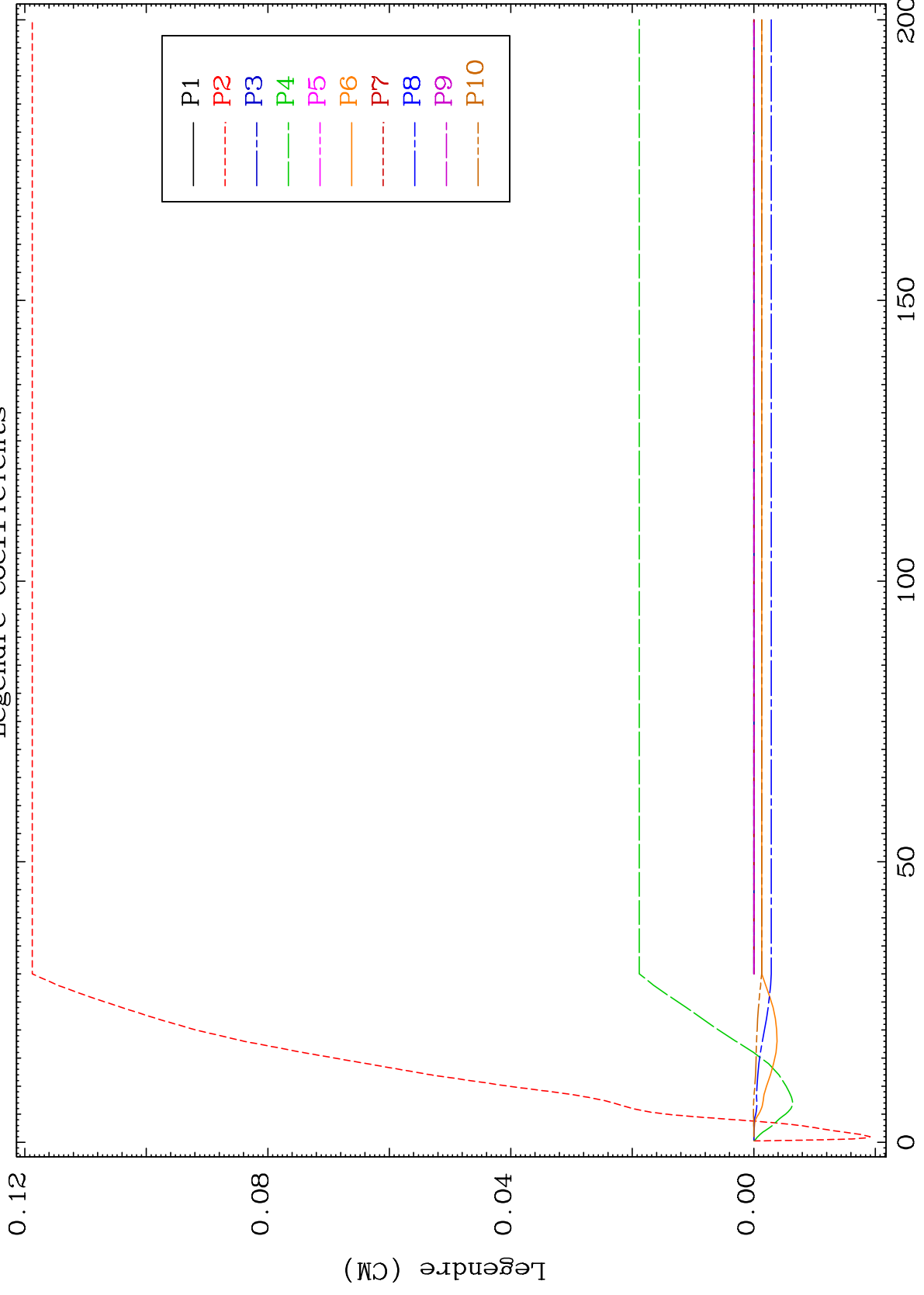
74-W -185

MAT 7440 MT= 56 (n,n') Level Legendre Coefficients 74-W -185



37 Incident Energy (MeV) 74-W -185

MAT 7440 MT= 57 (n,n') Level Legendre Coefficients 74-W -185

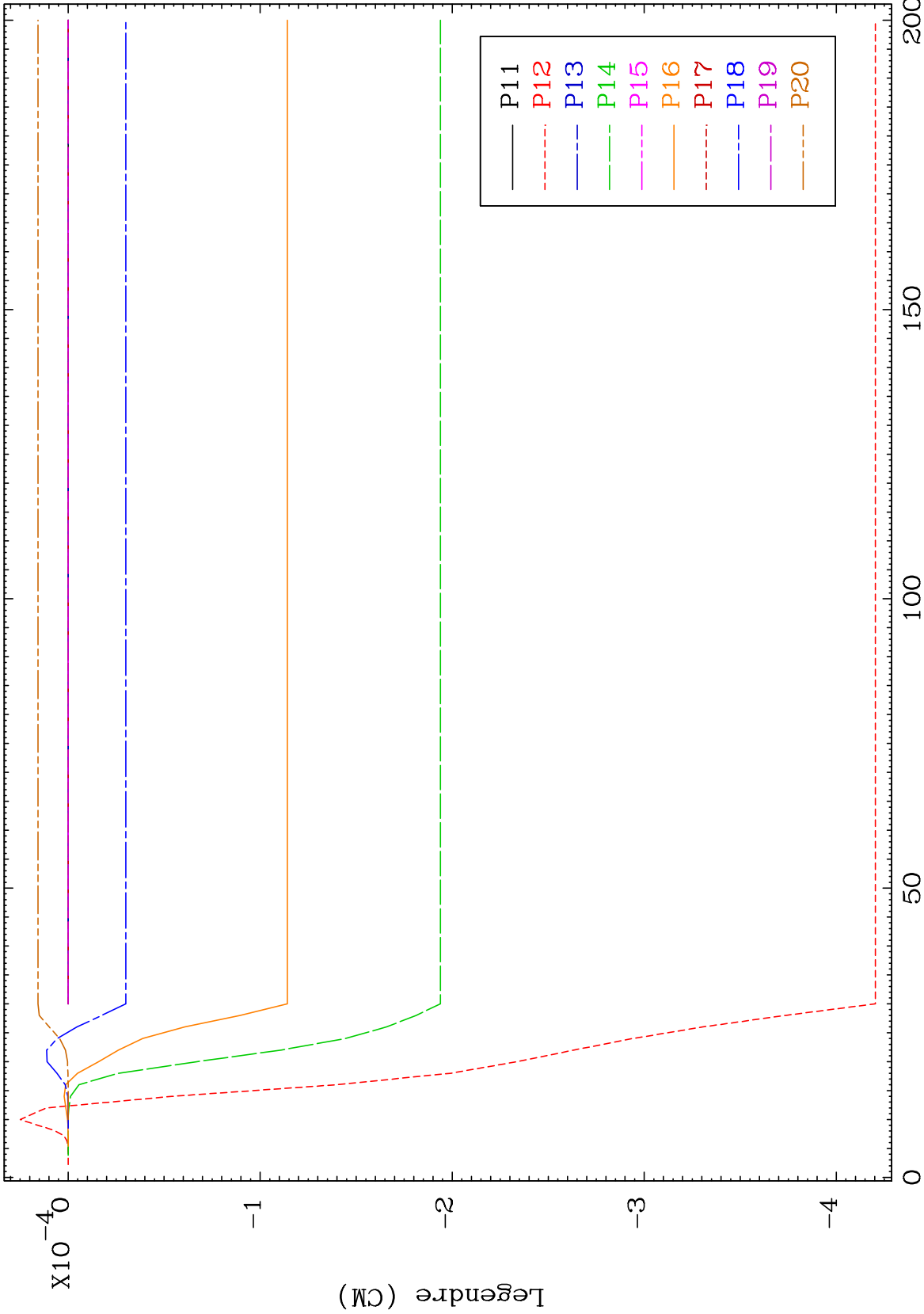


38 74-W -185

MAT 7440

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

74-W -185

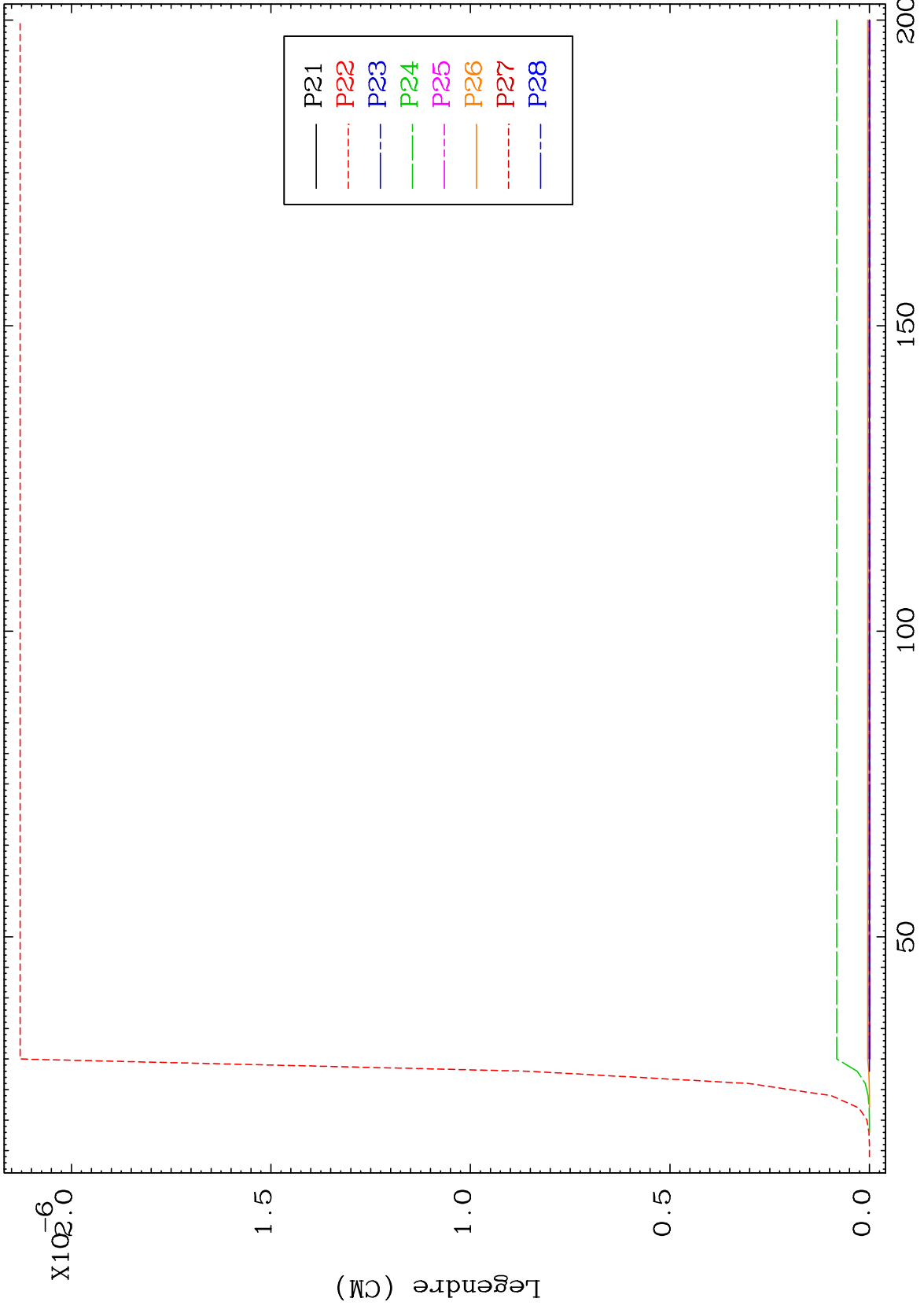


39

Incident Energy (MeV)

74-W -185

MAT 7440 MT= 57 (n,n') Level Legendre Coefficients 74-W -185

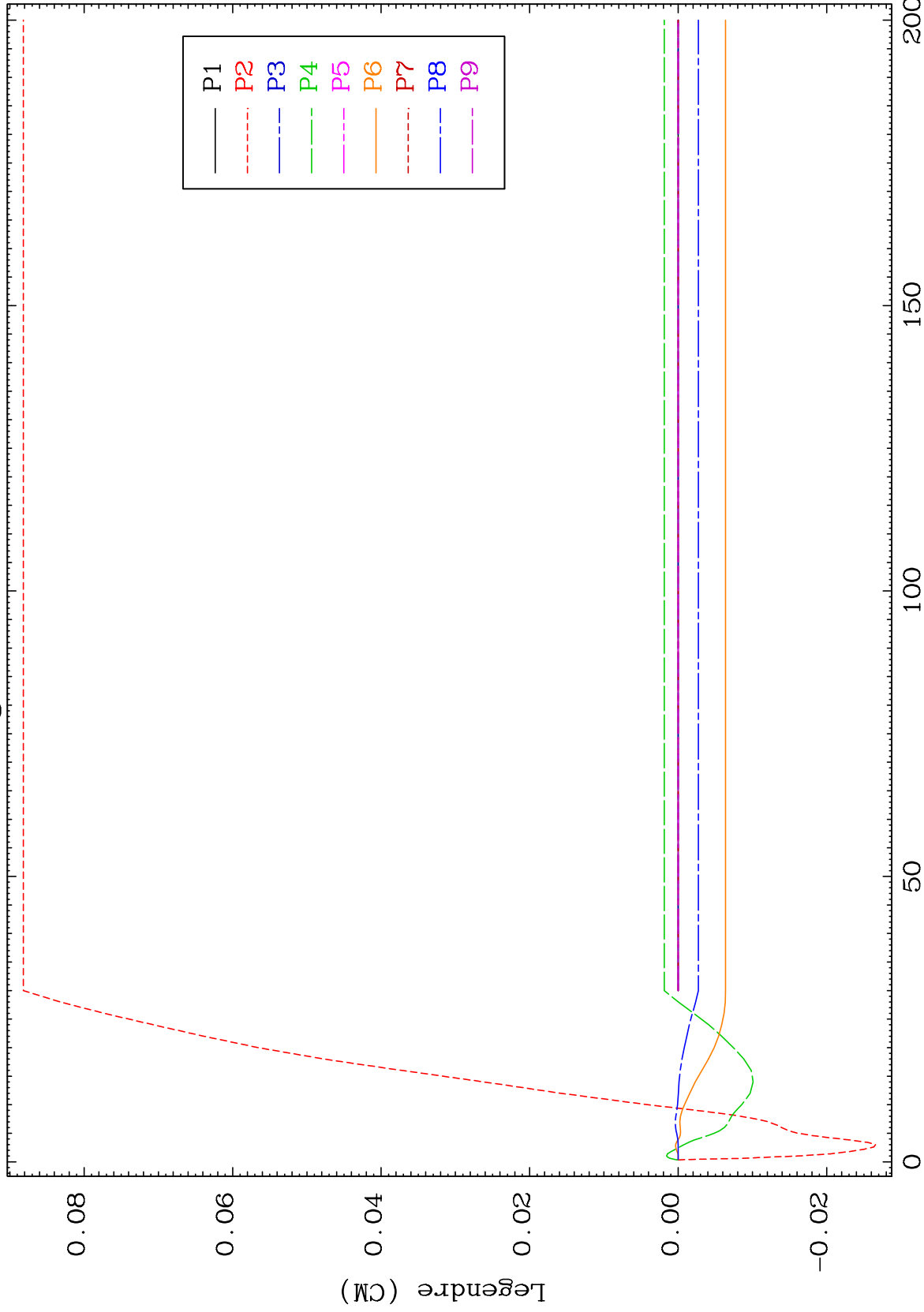


74-W -185

MAT 7440

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

74-W -185



41

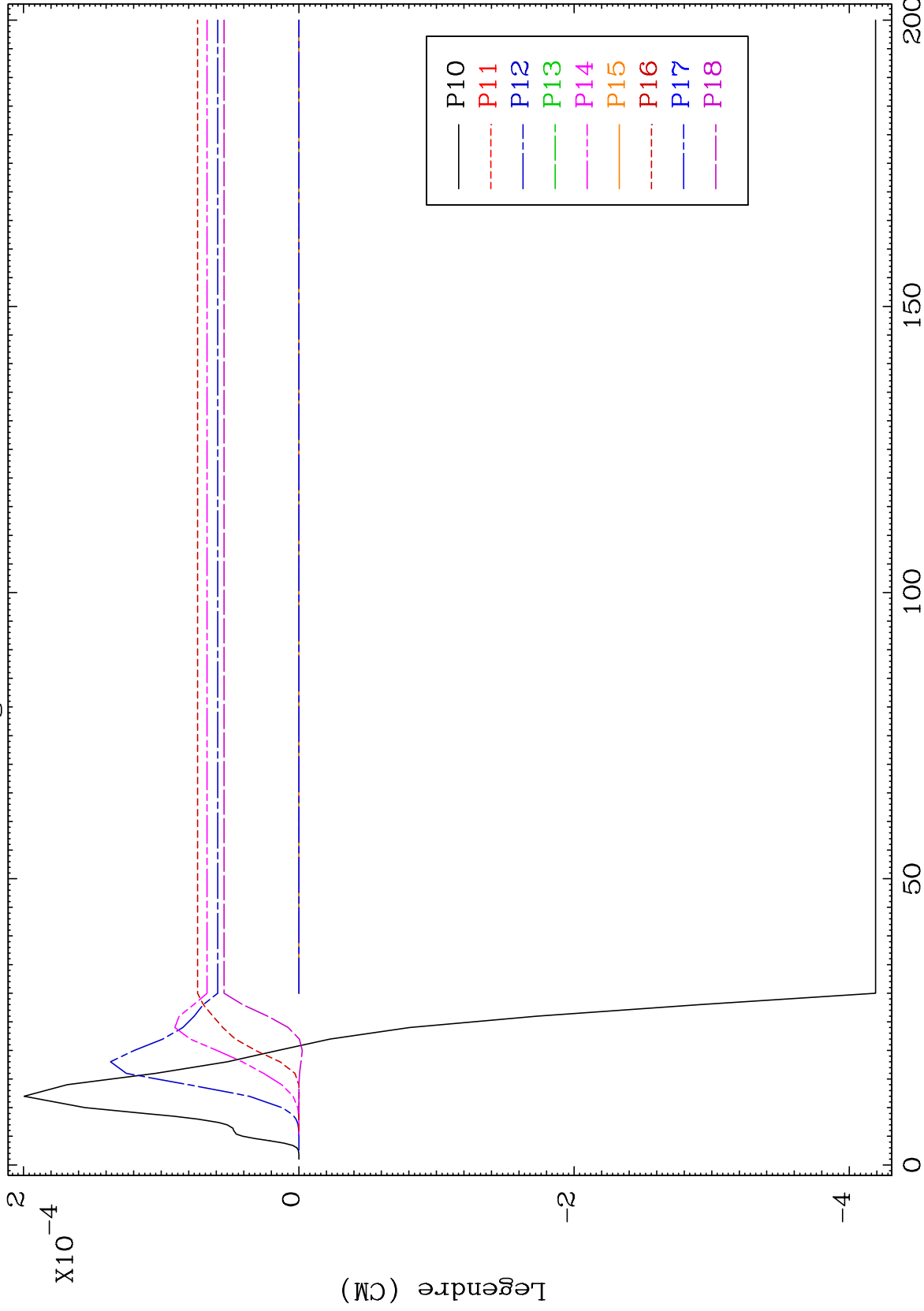
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

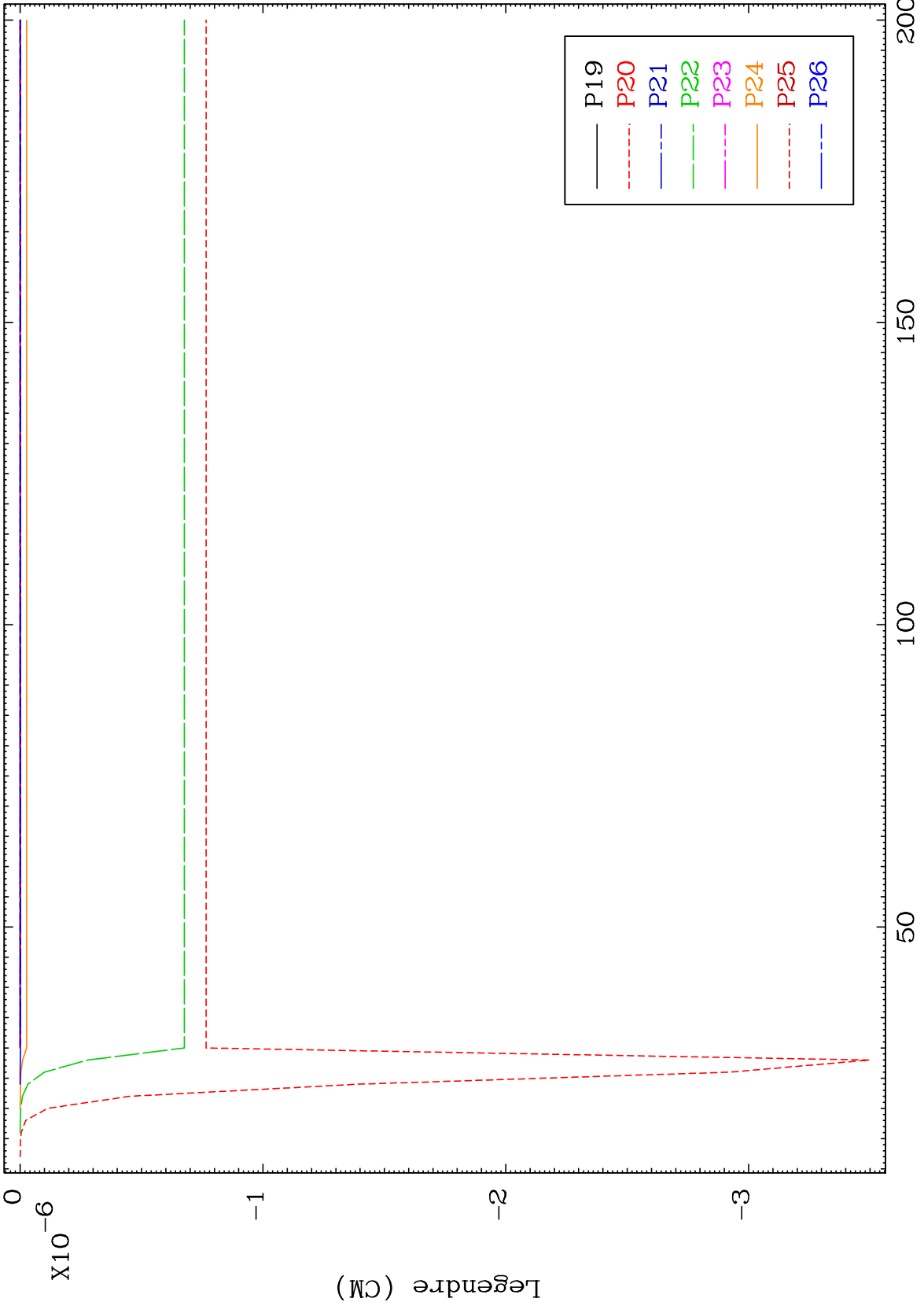


42

Incident Energy (MeV)

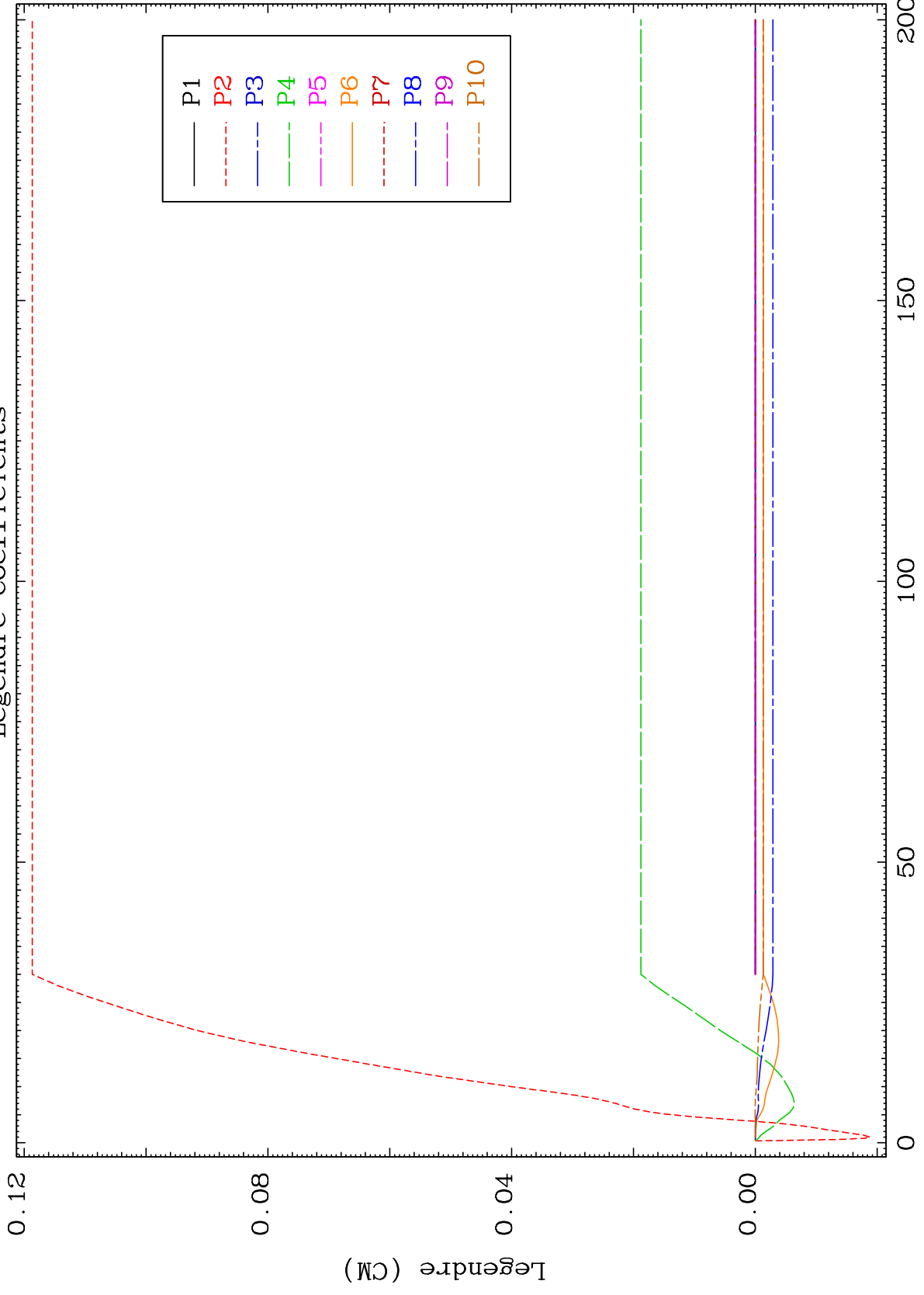
74-W -185

MAT 7440 MT= 58 (n,n') Level Legendre Coefficients 74-W -185



43 74-W -185

MAT 7440 MT= 59 (n,n') Level Legendre Coefficients 74-W -185

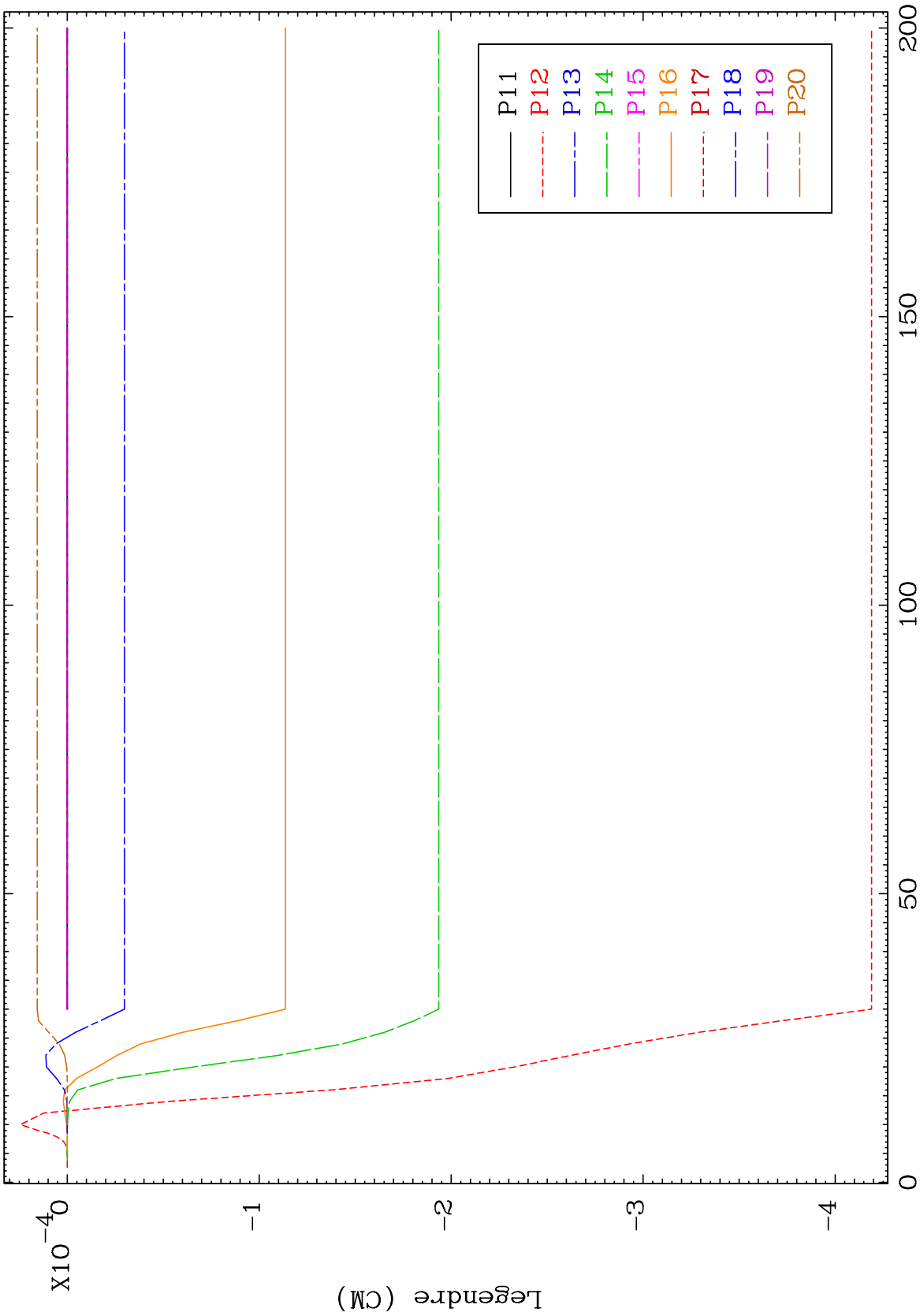


44 74-W -185

MAT 7440

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

74-W -185



45

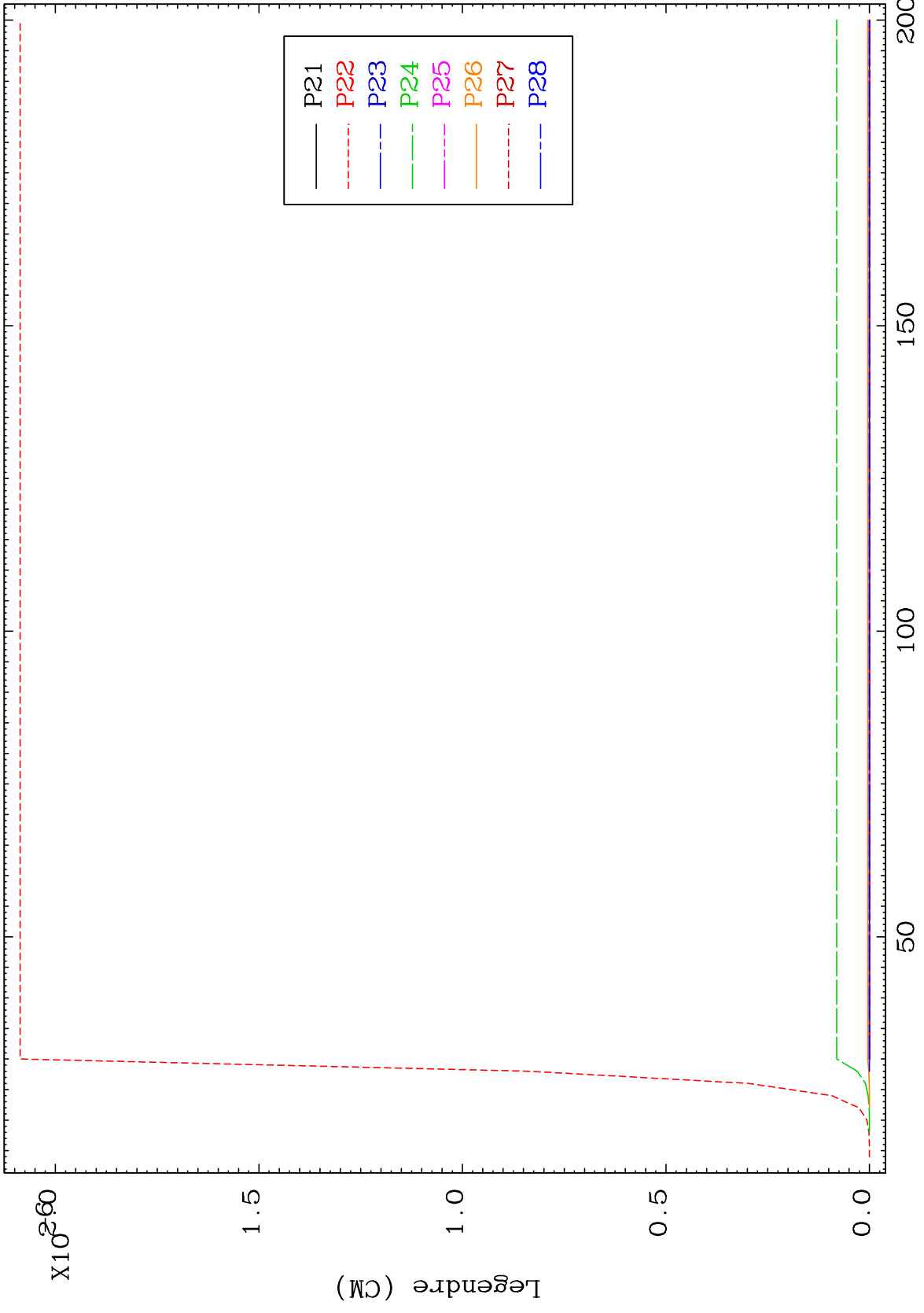
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



46

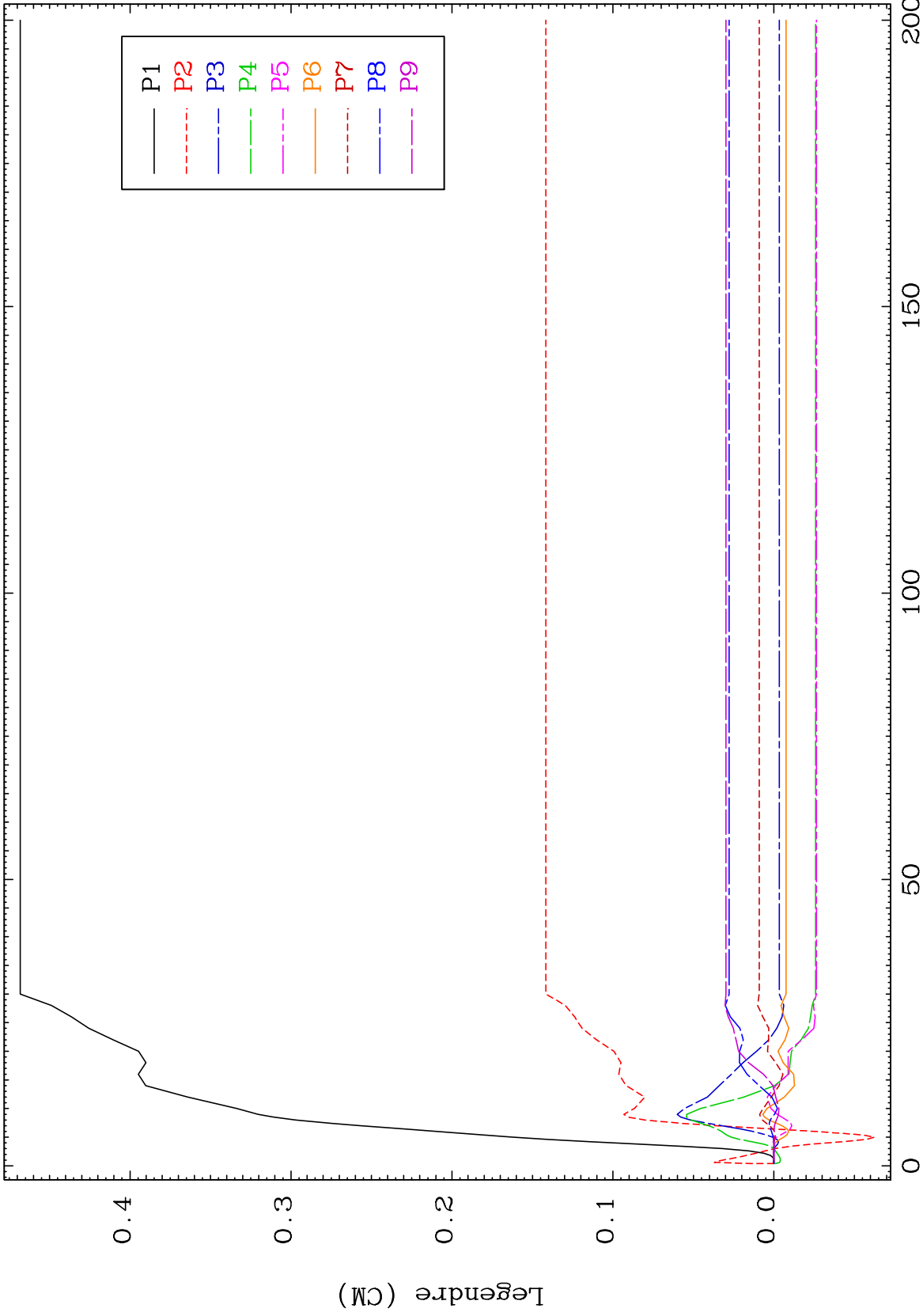
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



47

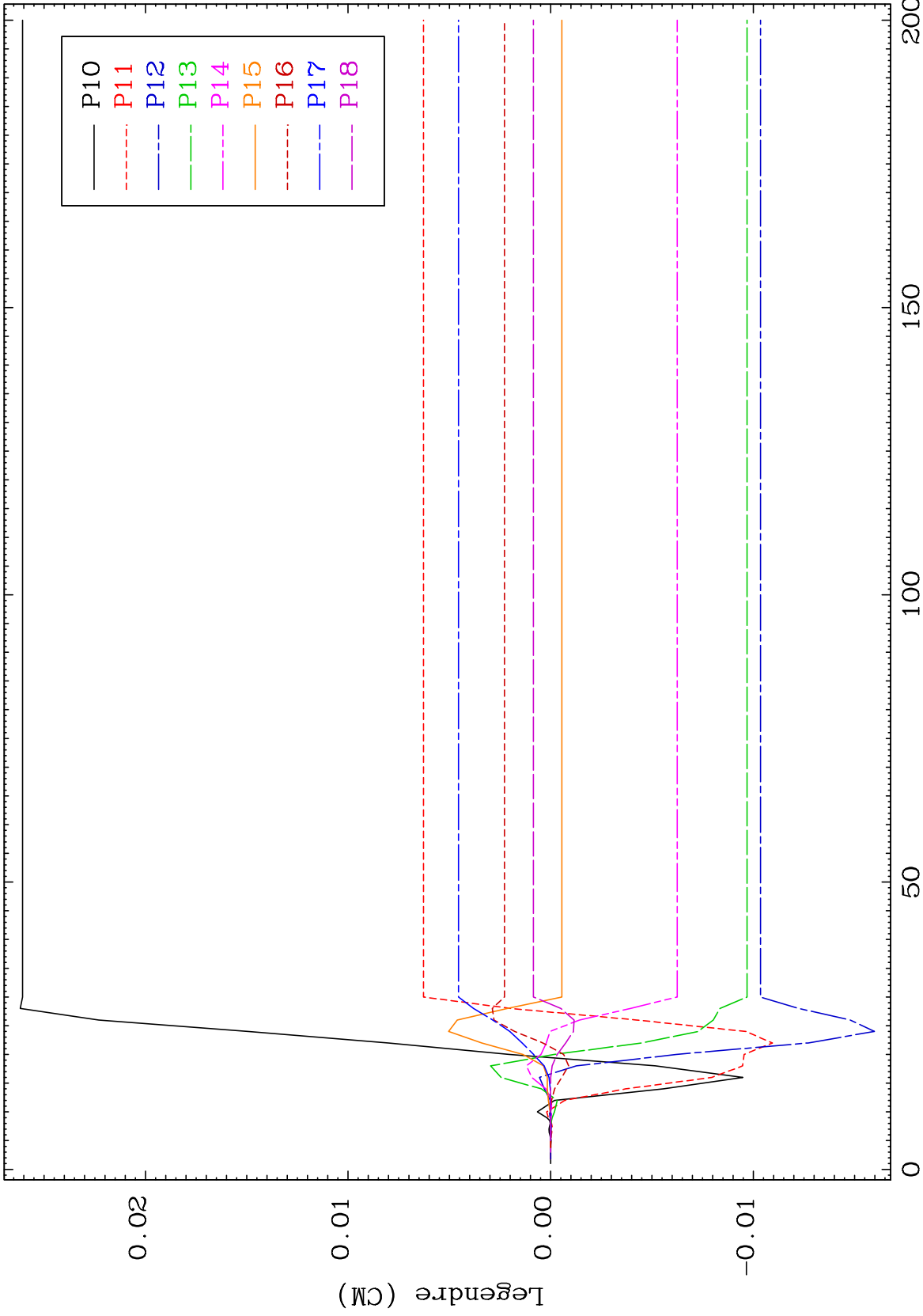
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



48

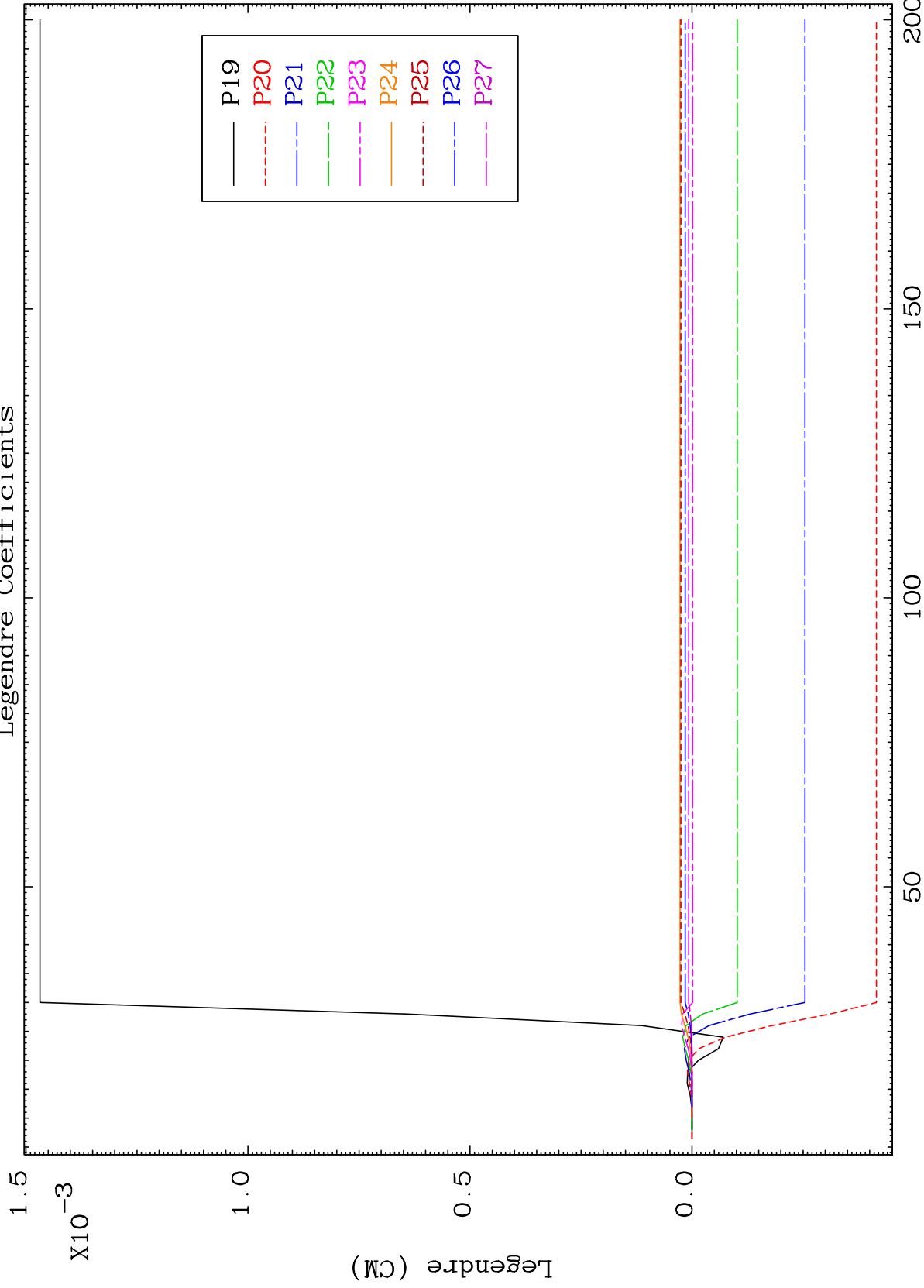
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



49

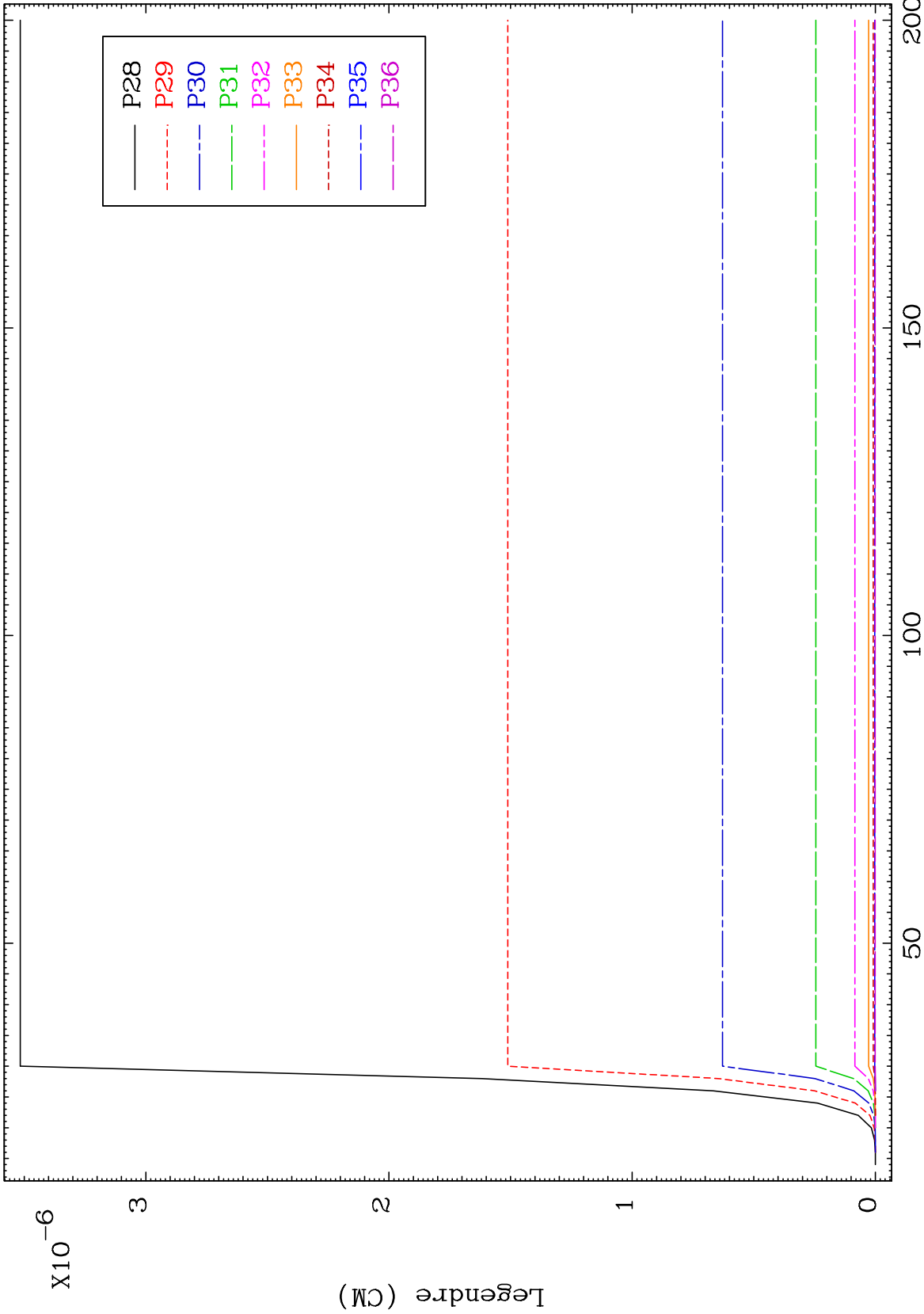
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



50

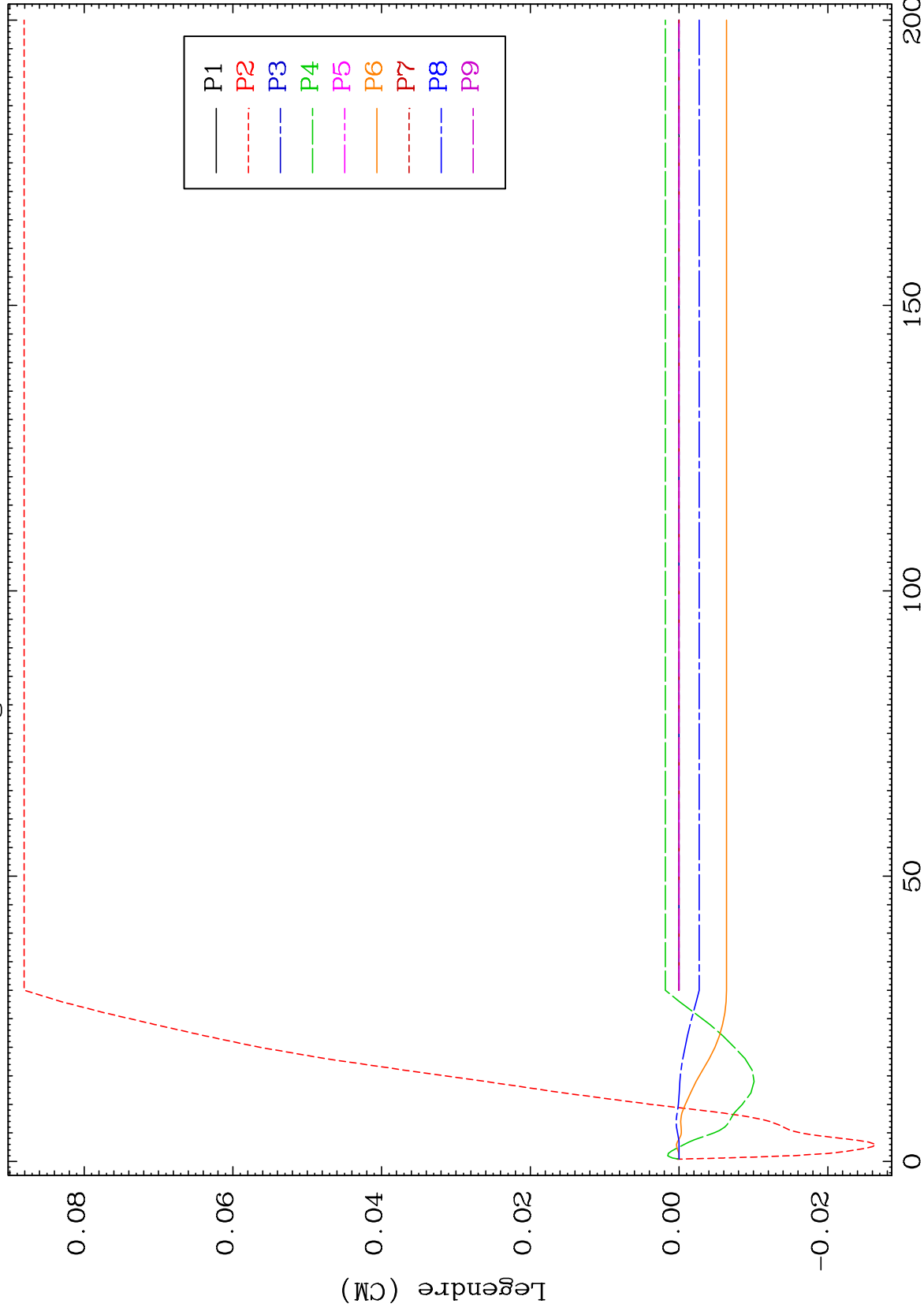
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



51

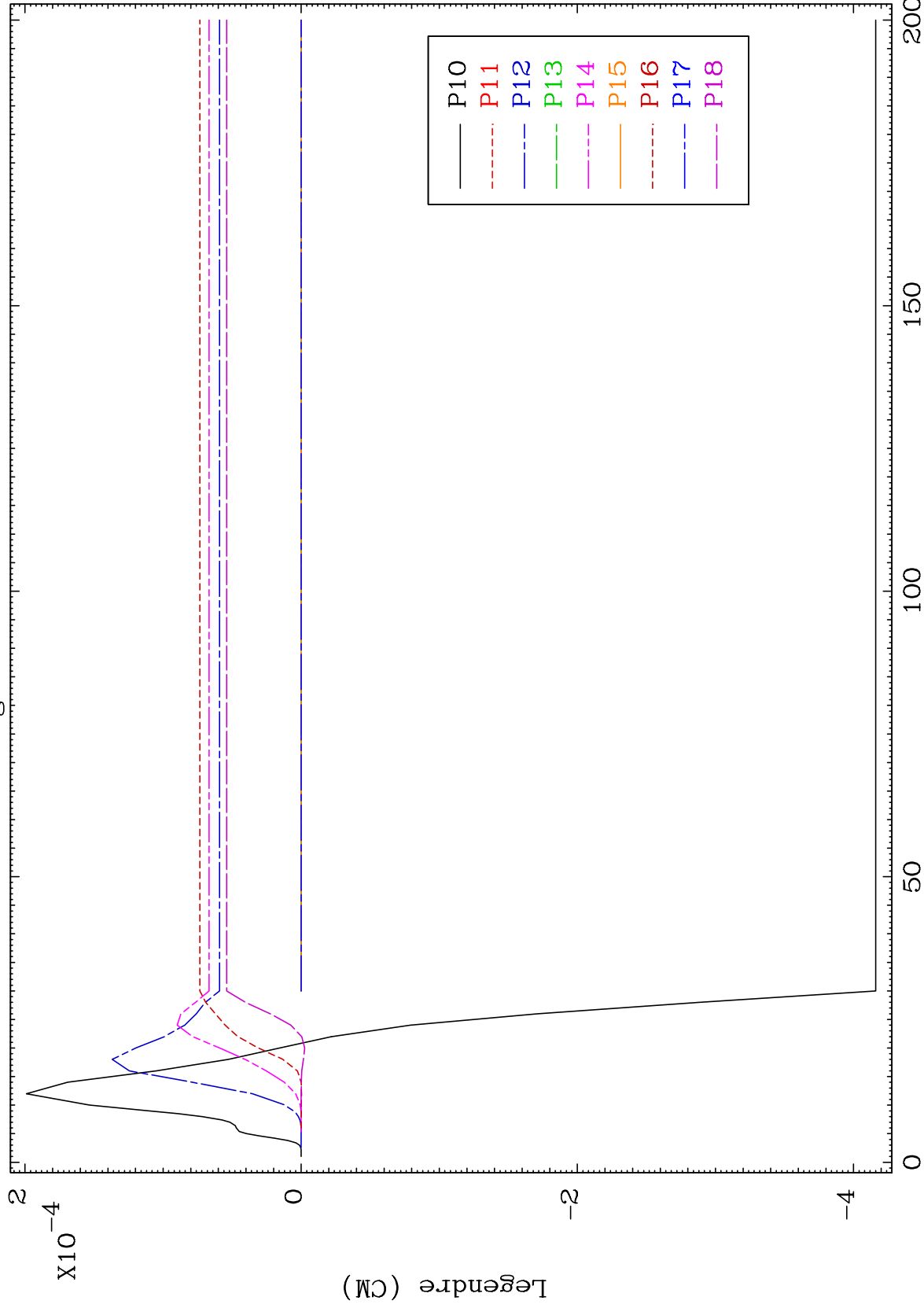
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



52

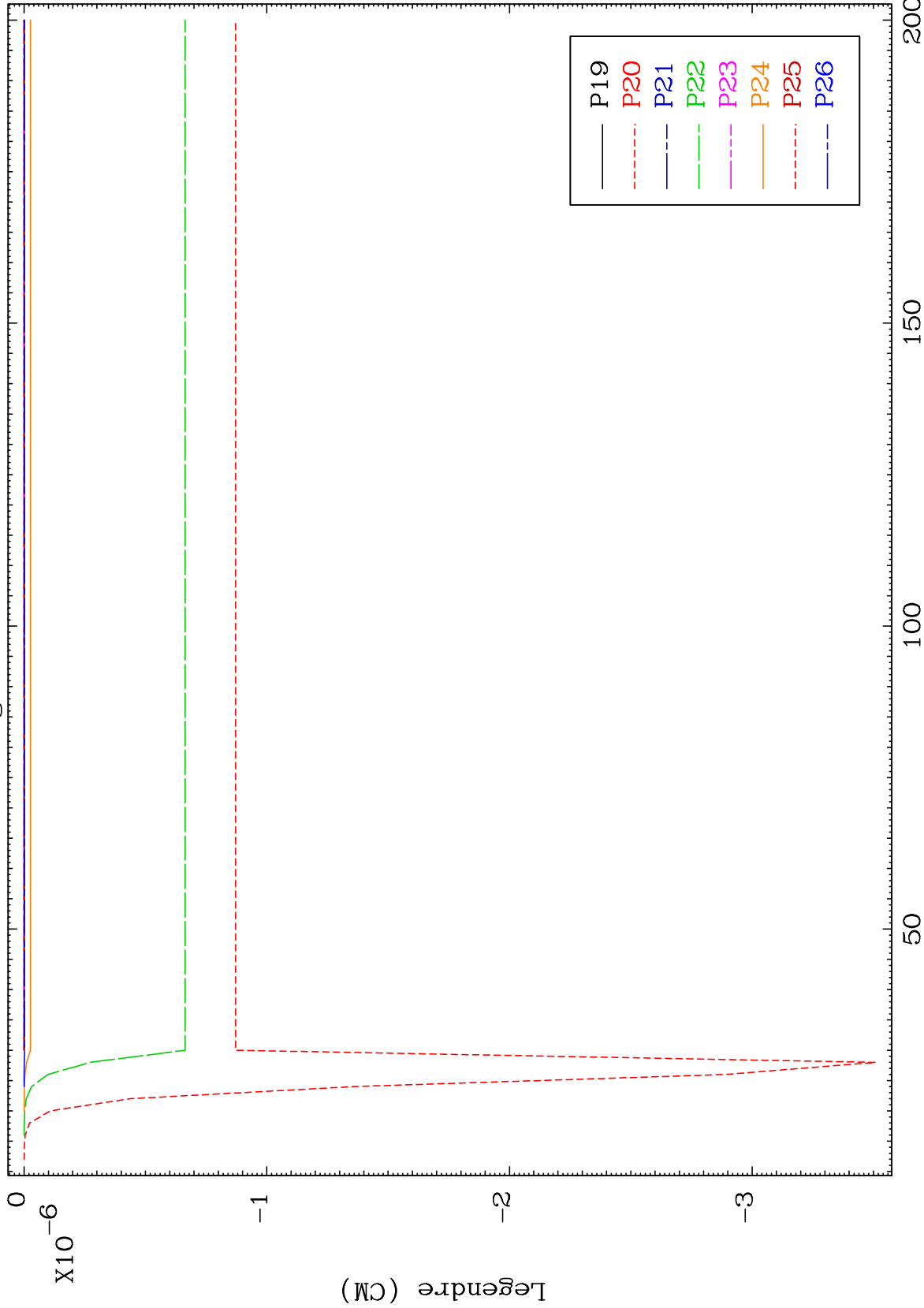
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



53

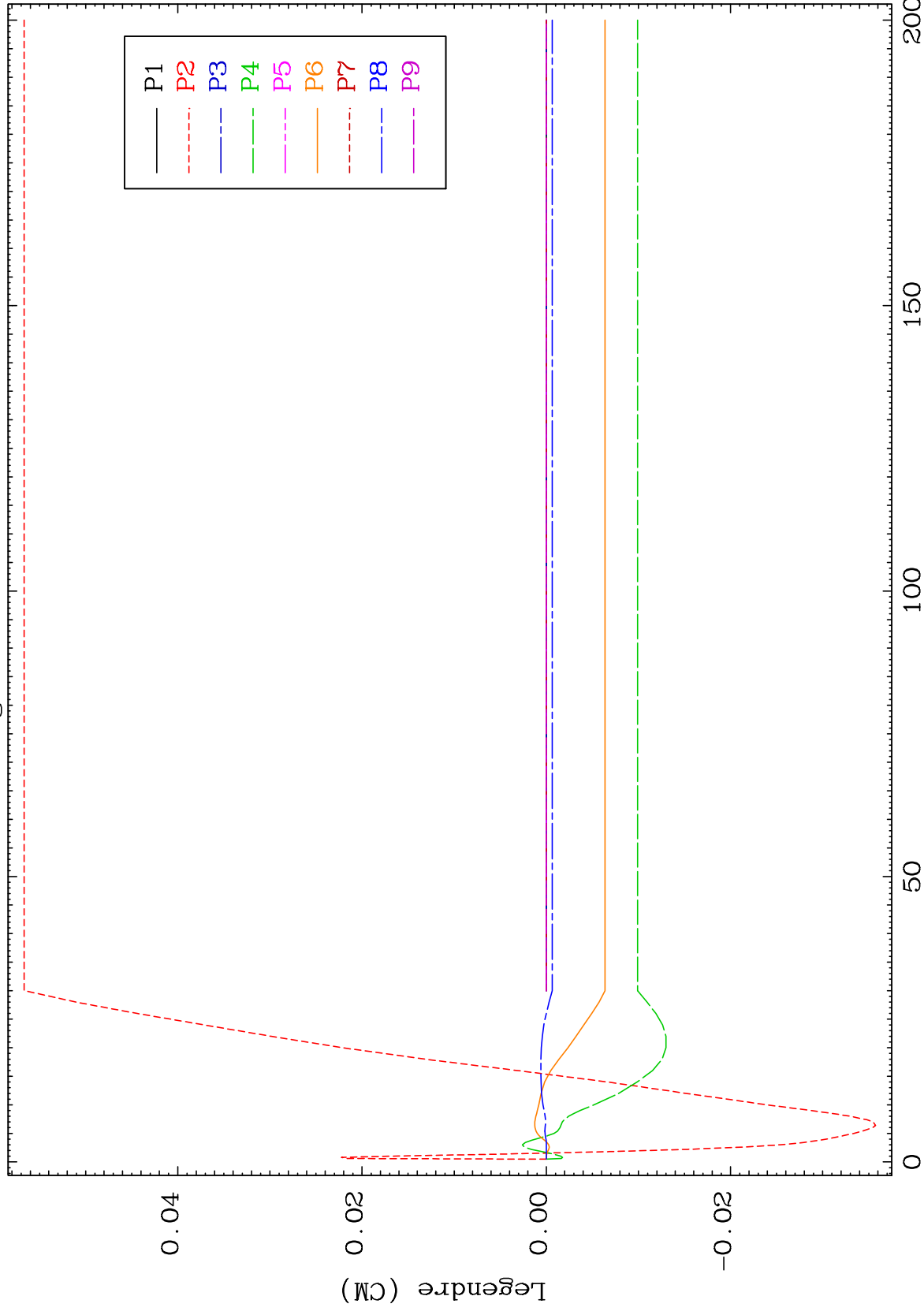
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



54

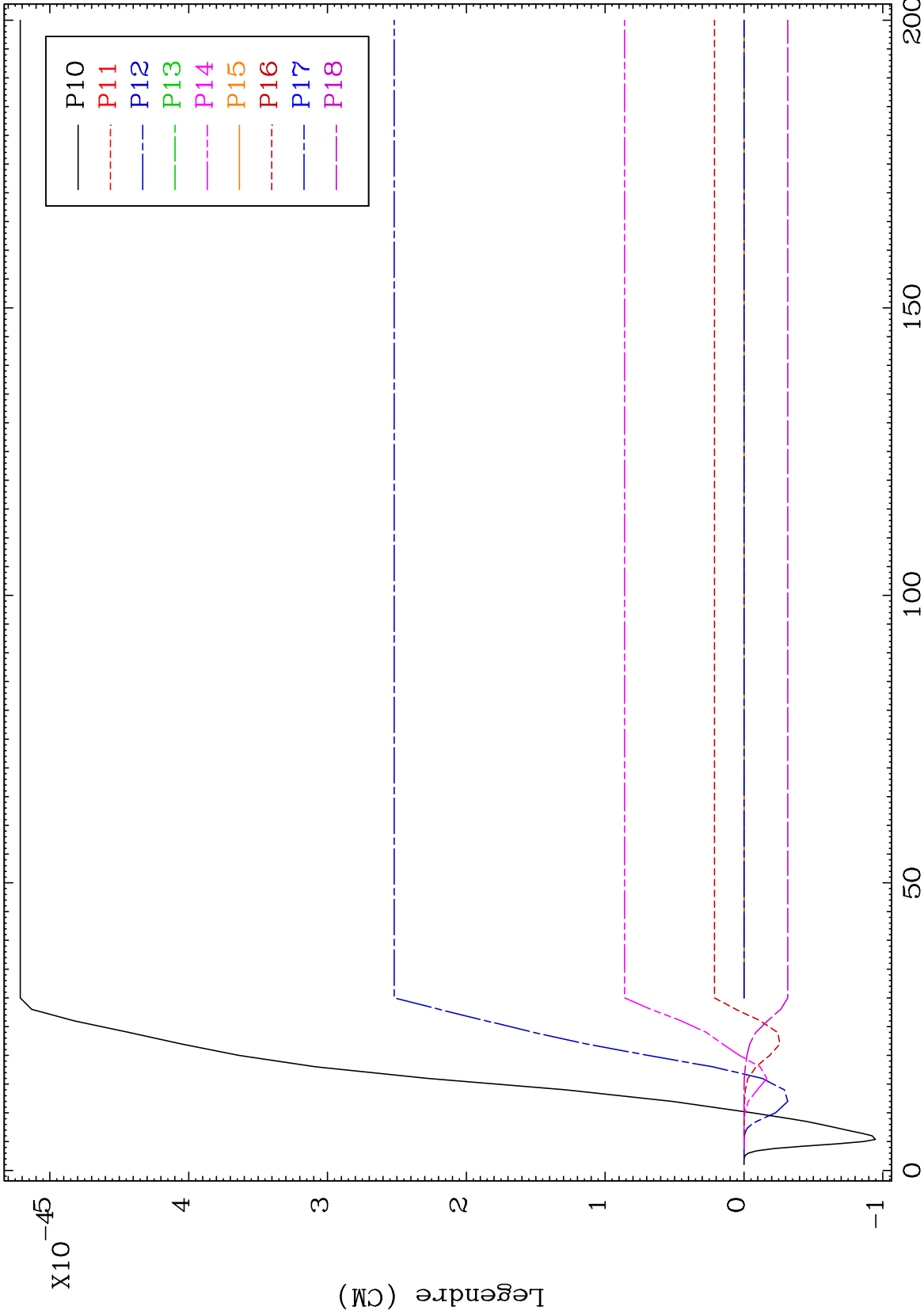
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



55

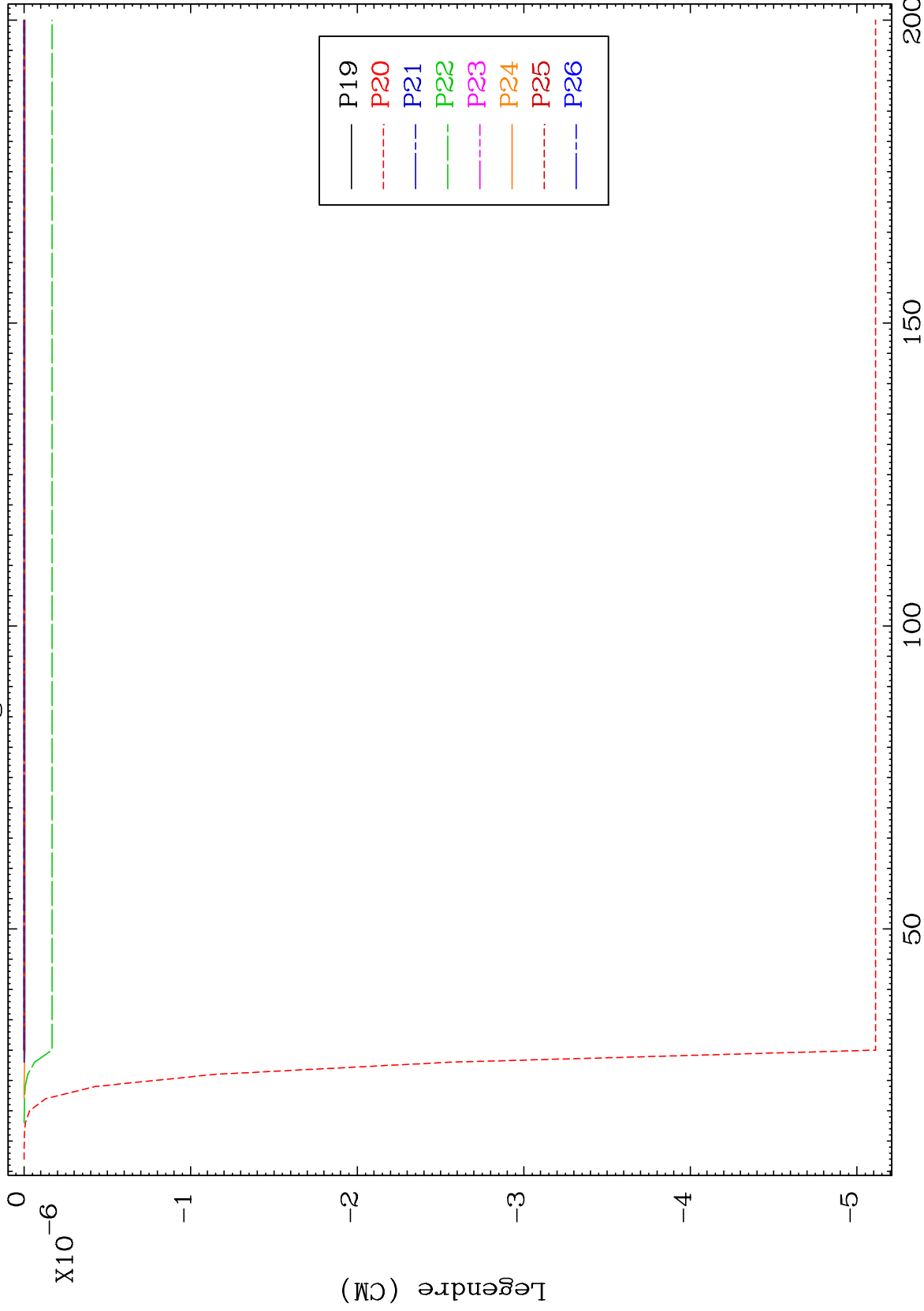
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



56

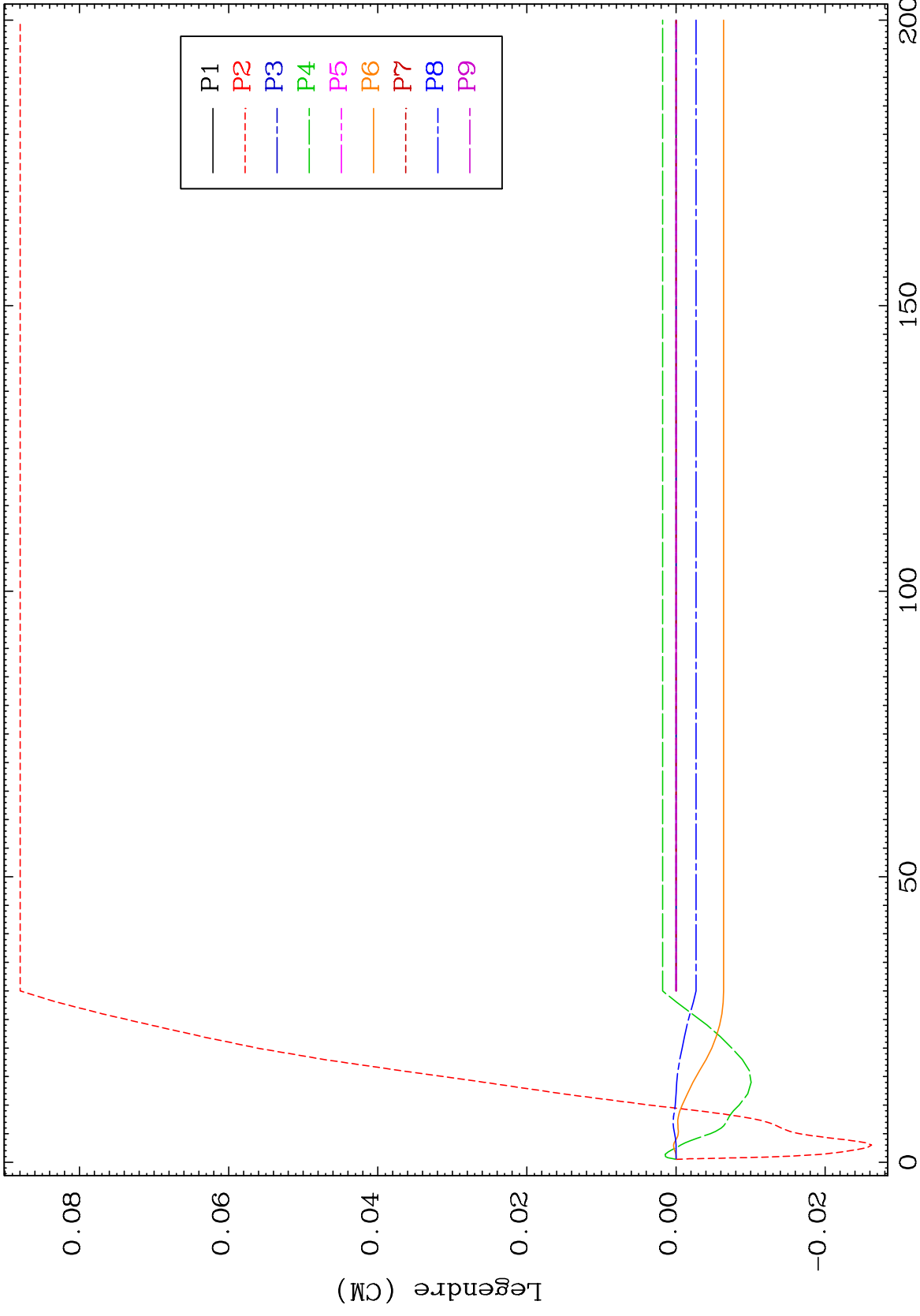
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



57

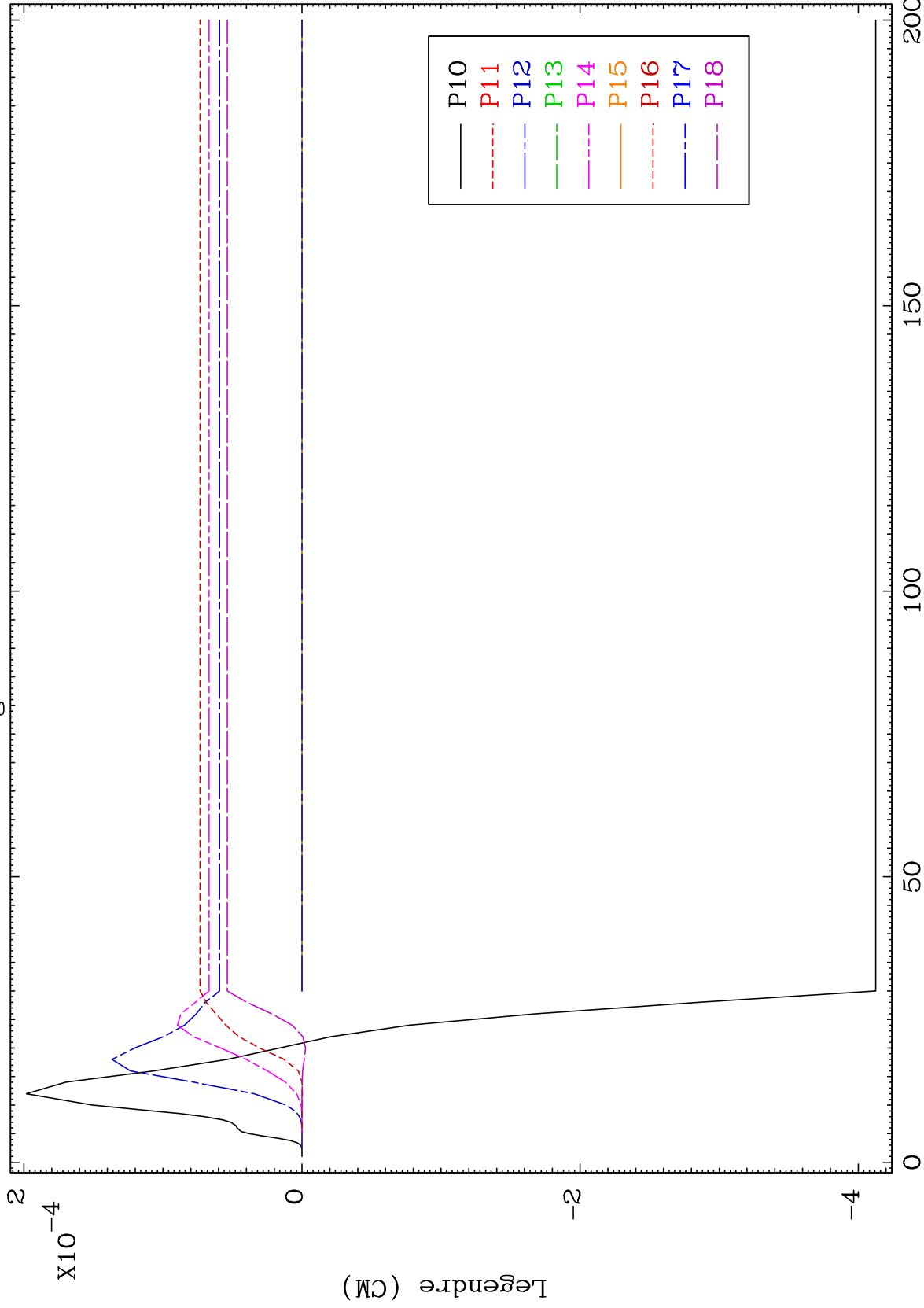
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



58

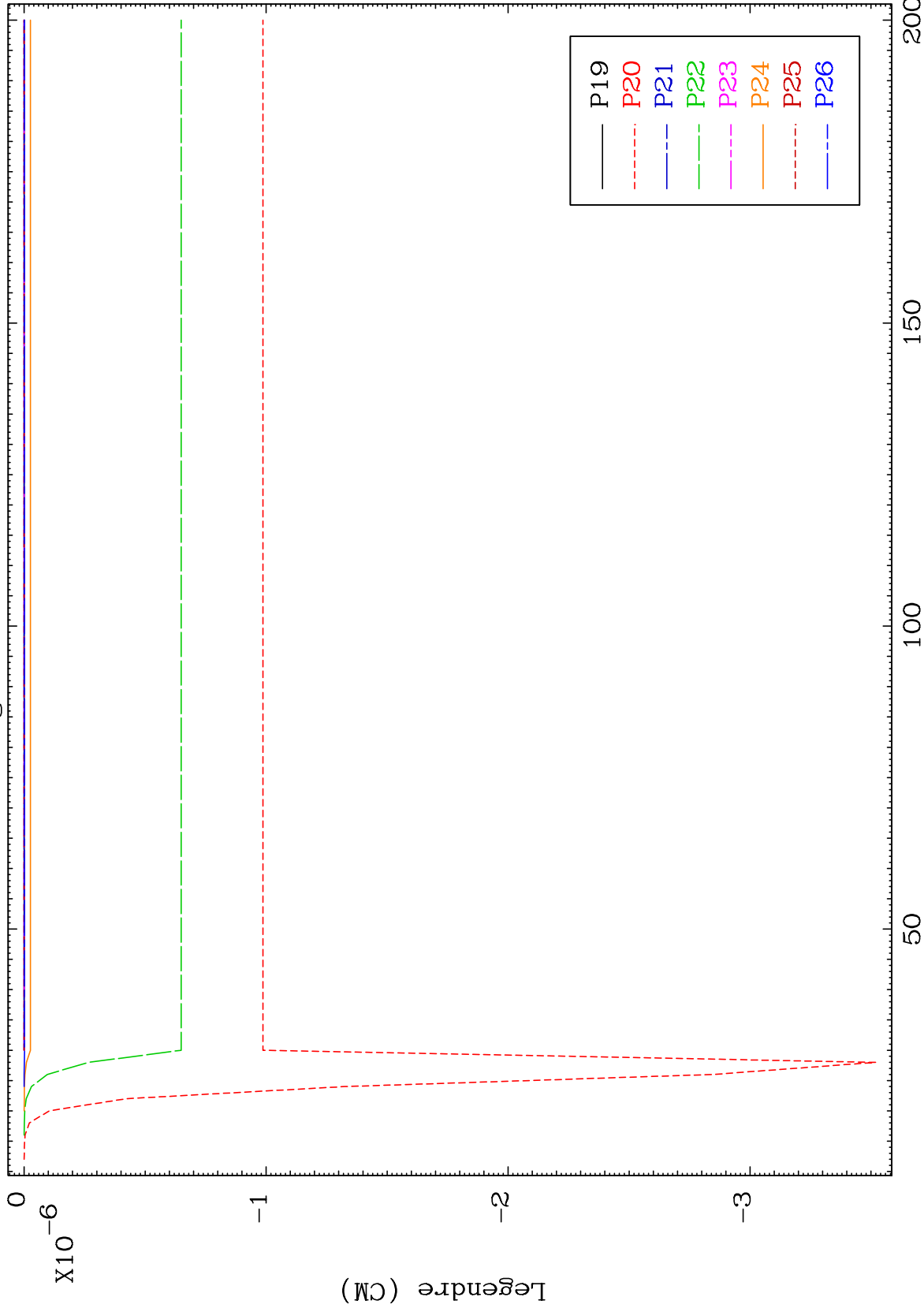
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



59

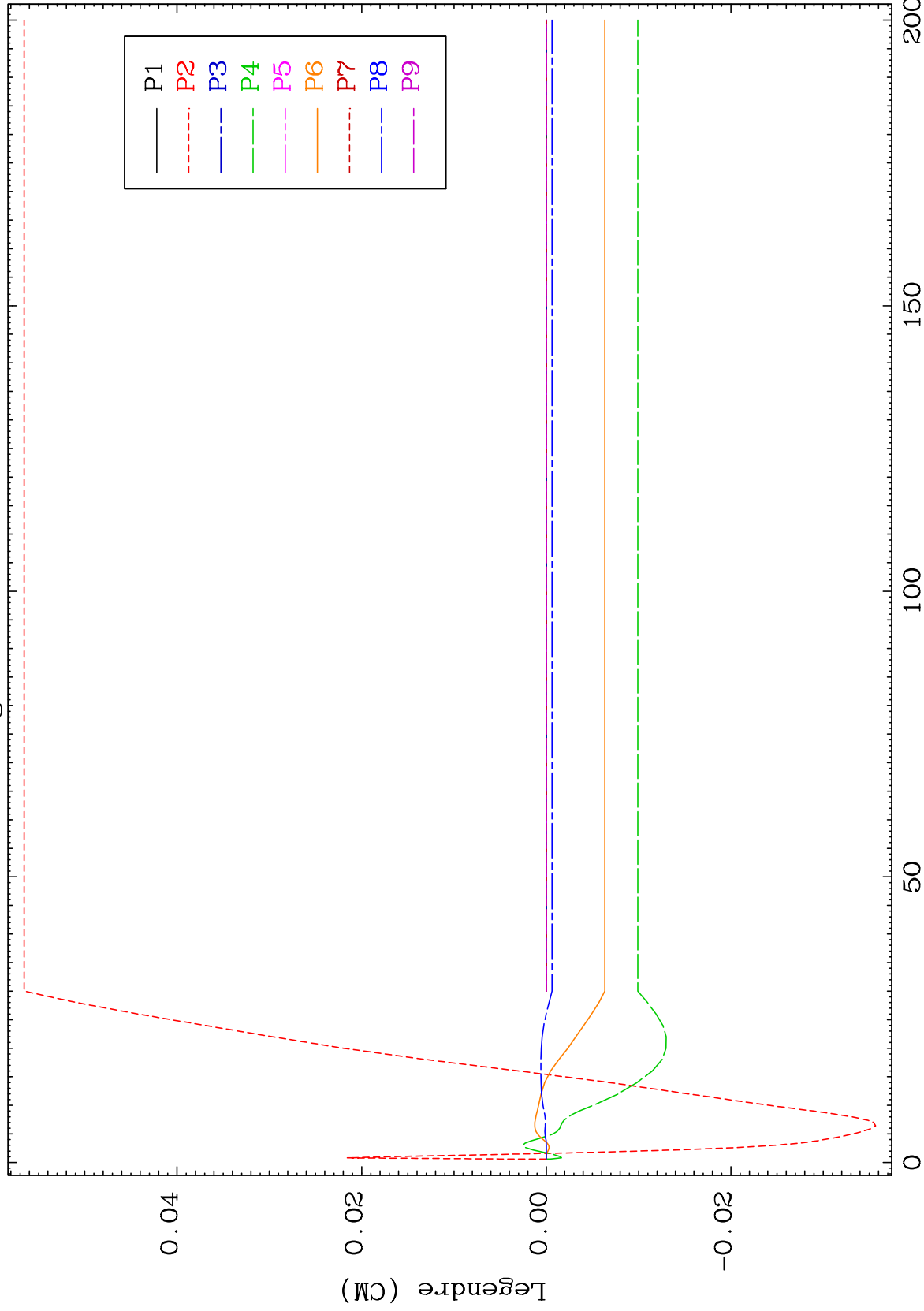
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



60

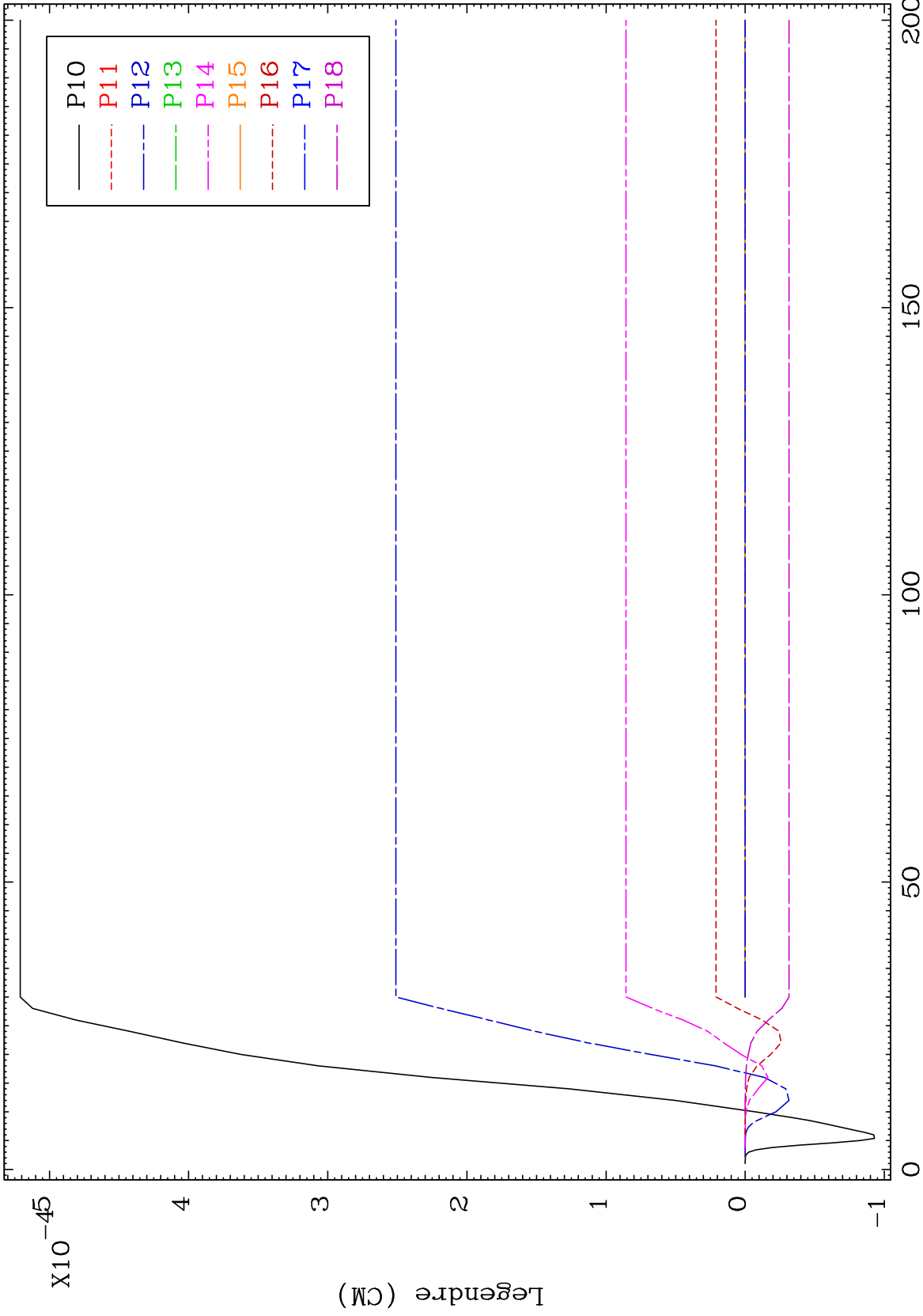
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



61

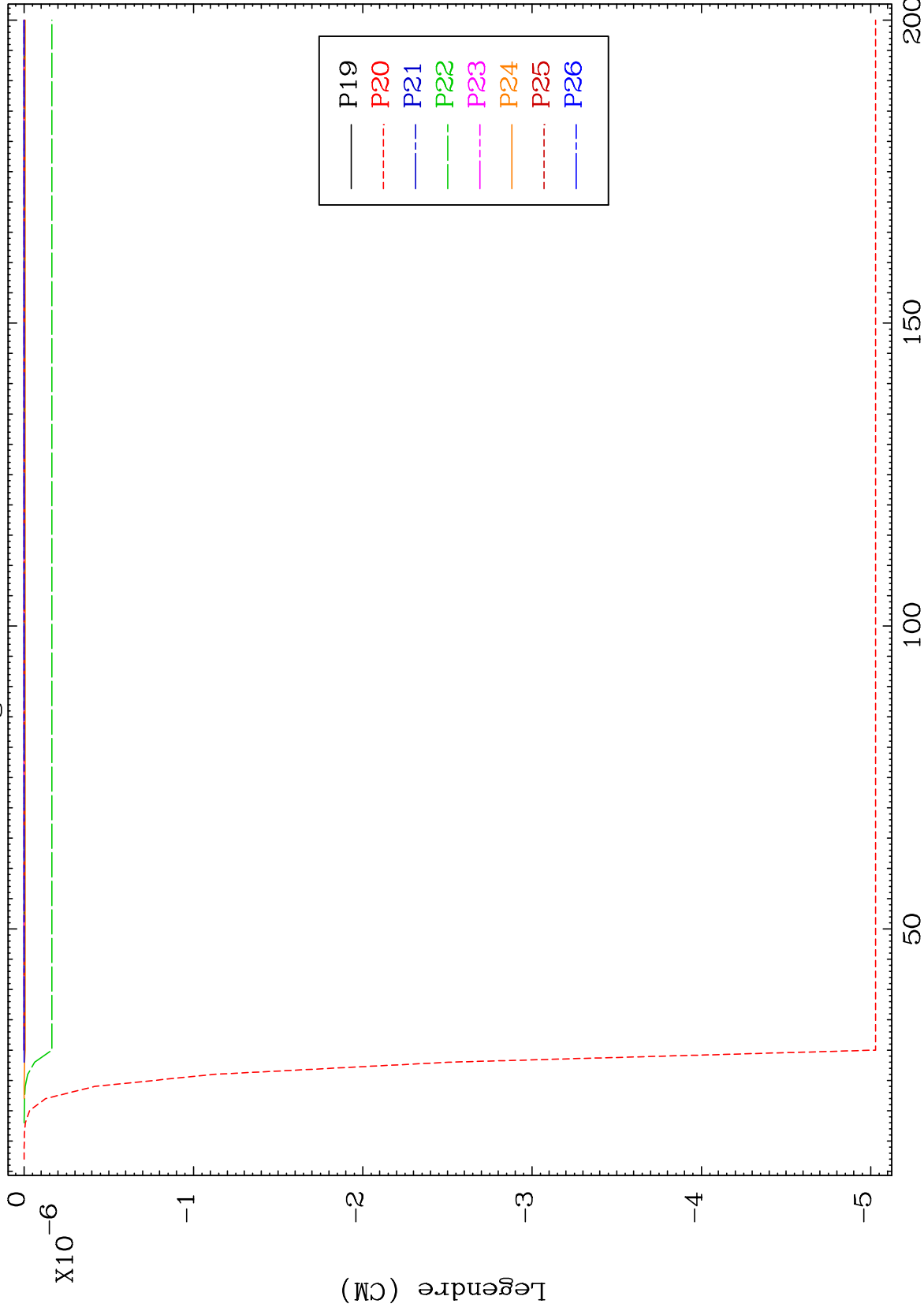
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



62

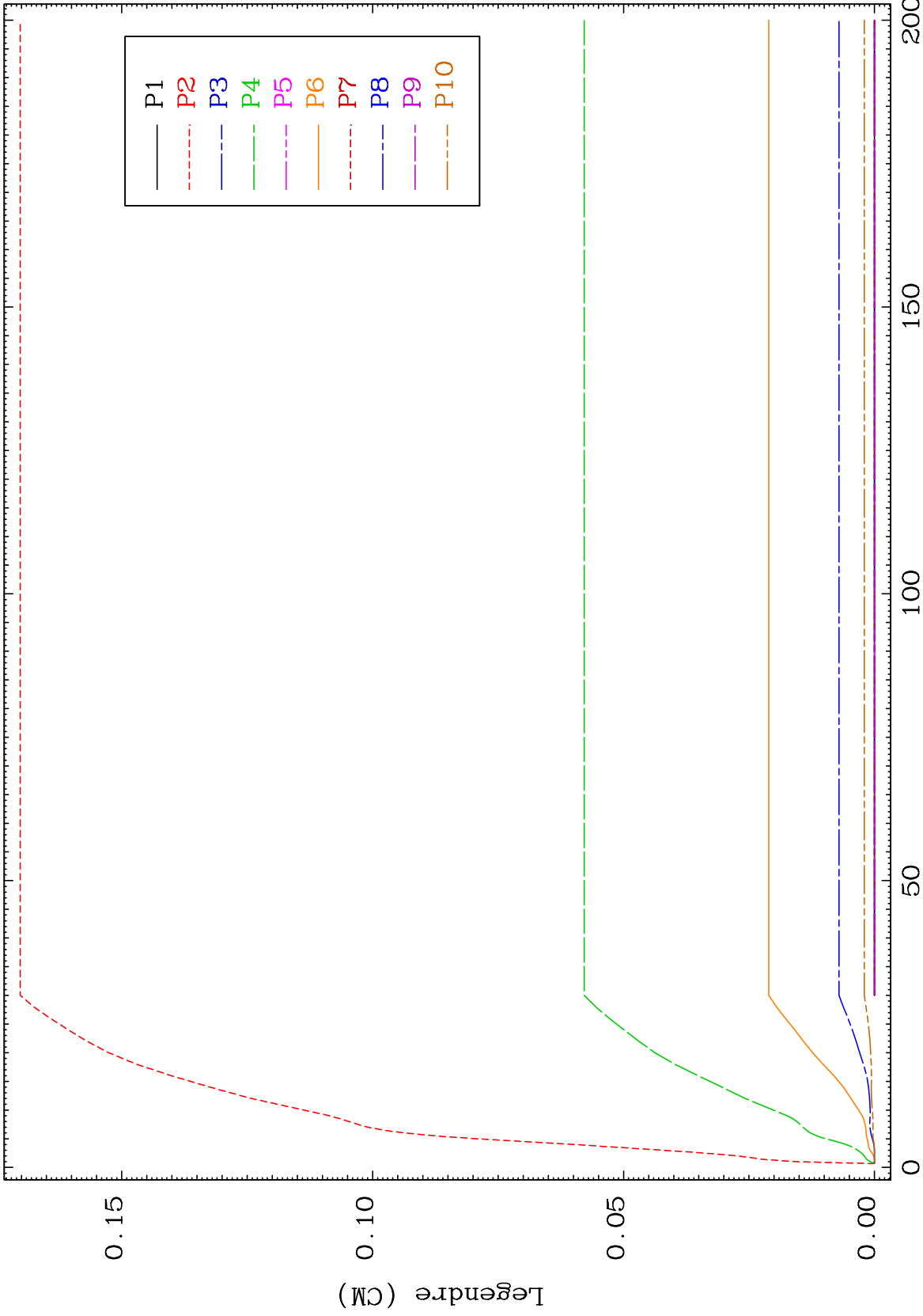
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



63

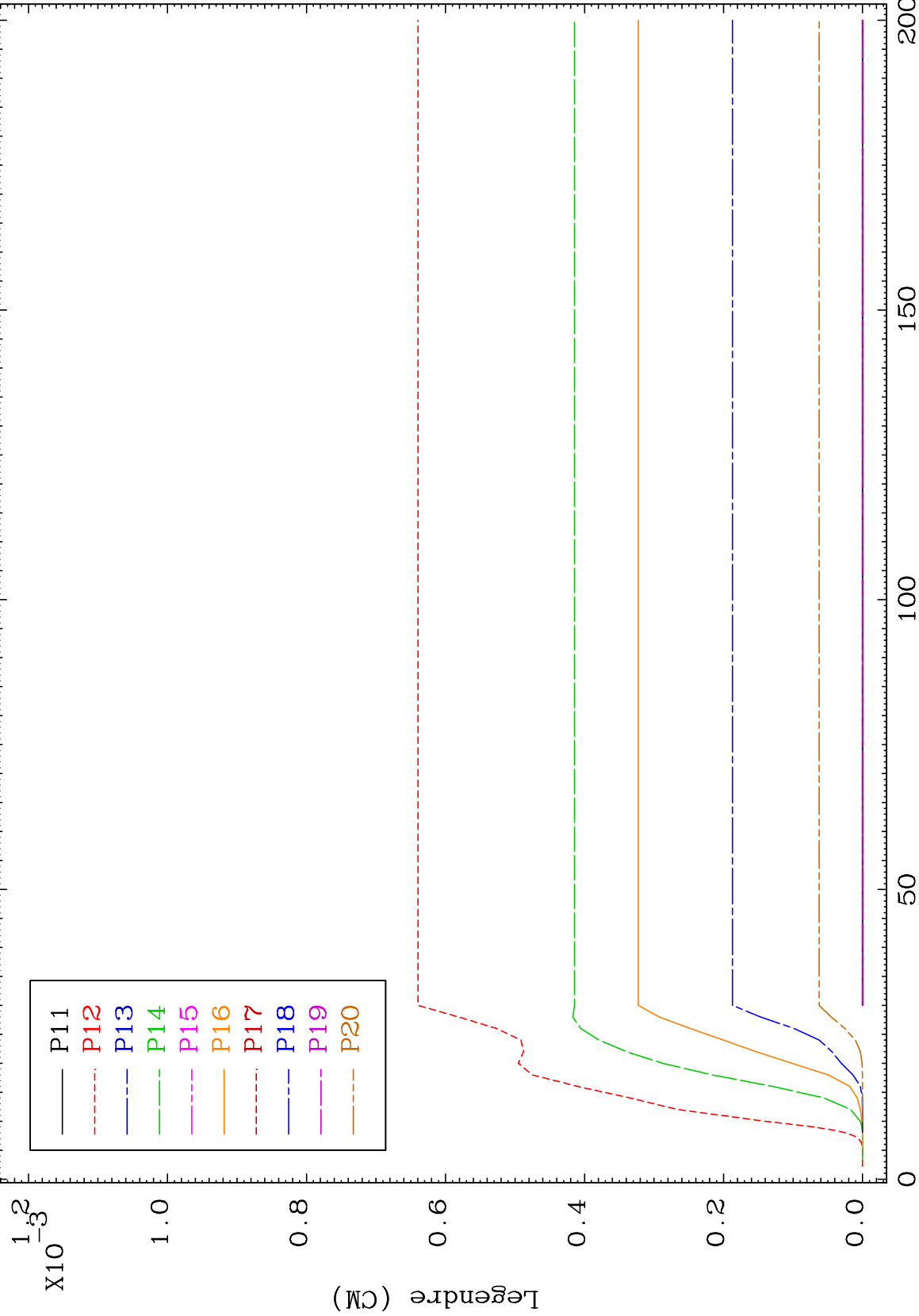
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

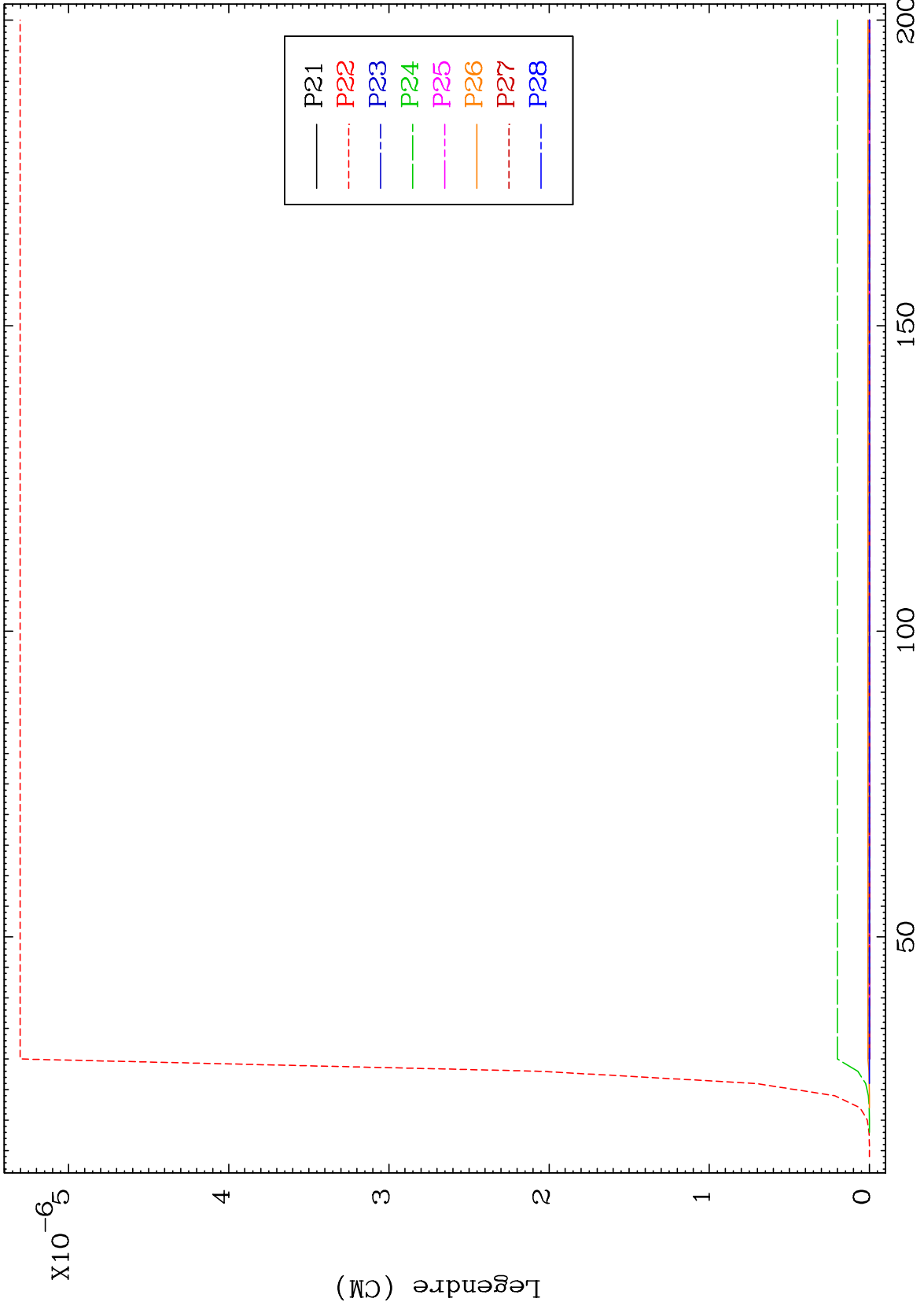


64

Incident Energy (MeV)

74-W -185

MAT 7440 MT= 65 (n,n') Level Legendre Coefficients 74-W -185

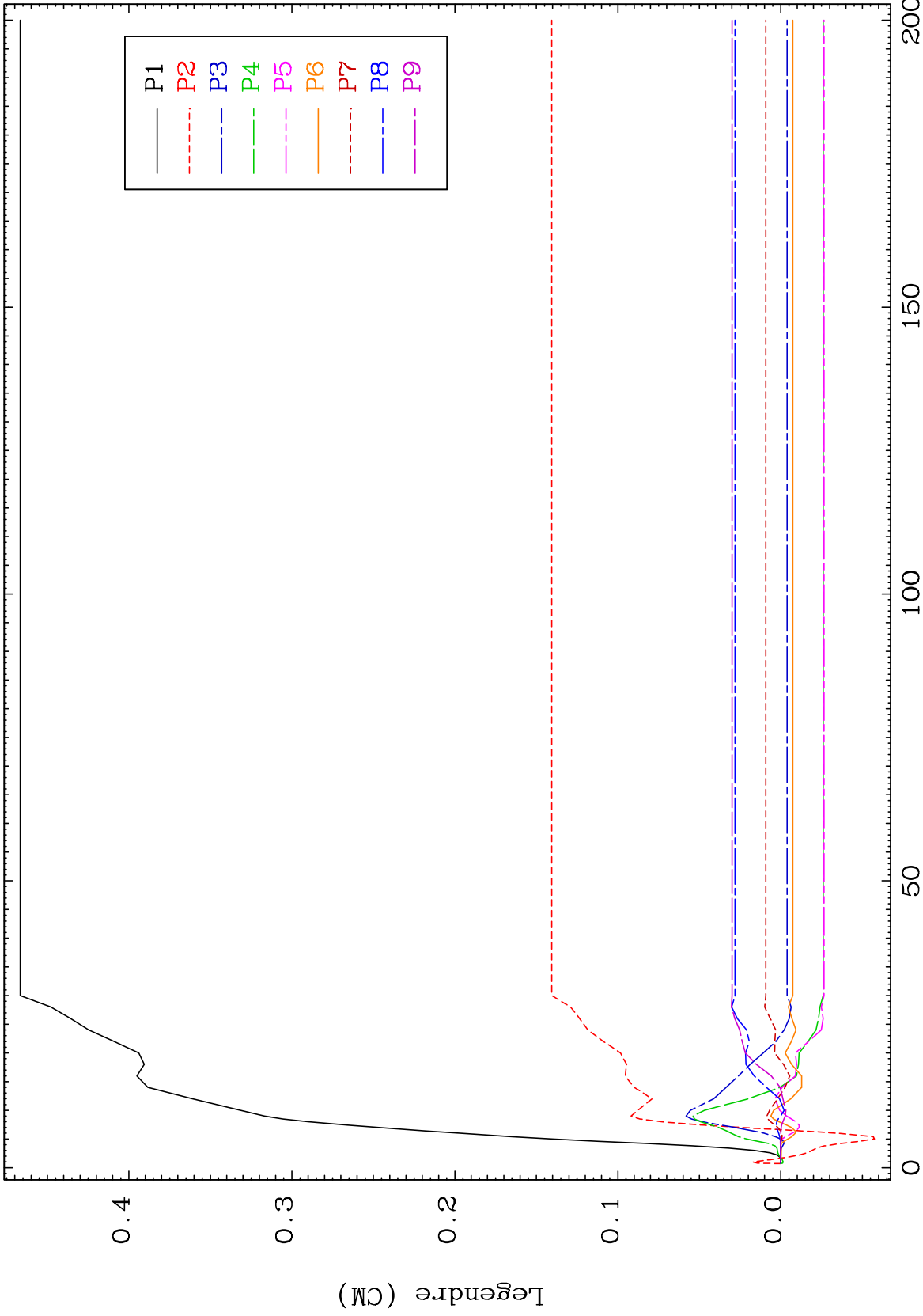


65 Incident Energy (MeV) 74-W -185

MAT 7440

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

74-W -185



66

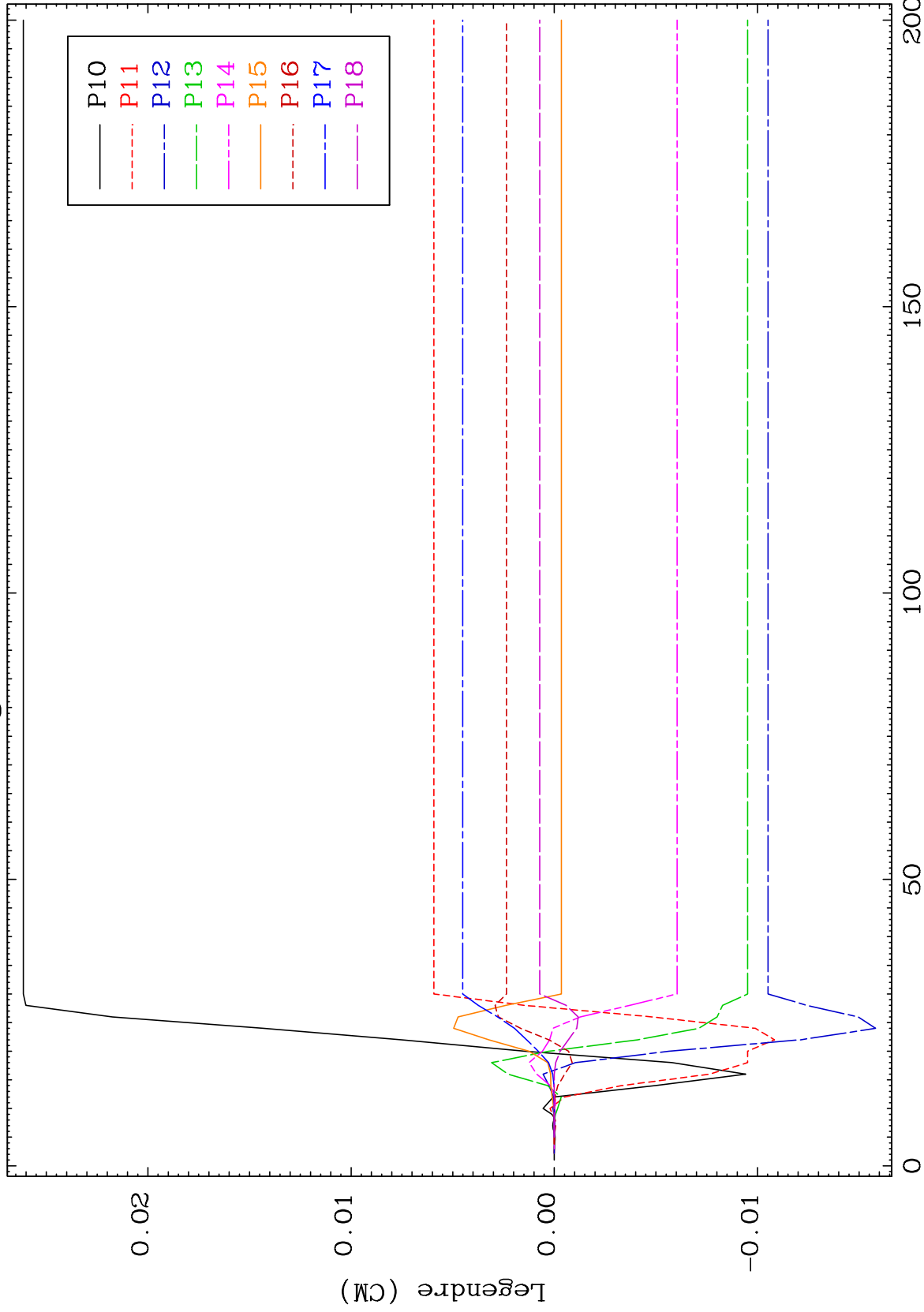
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



67

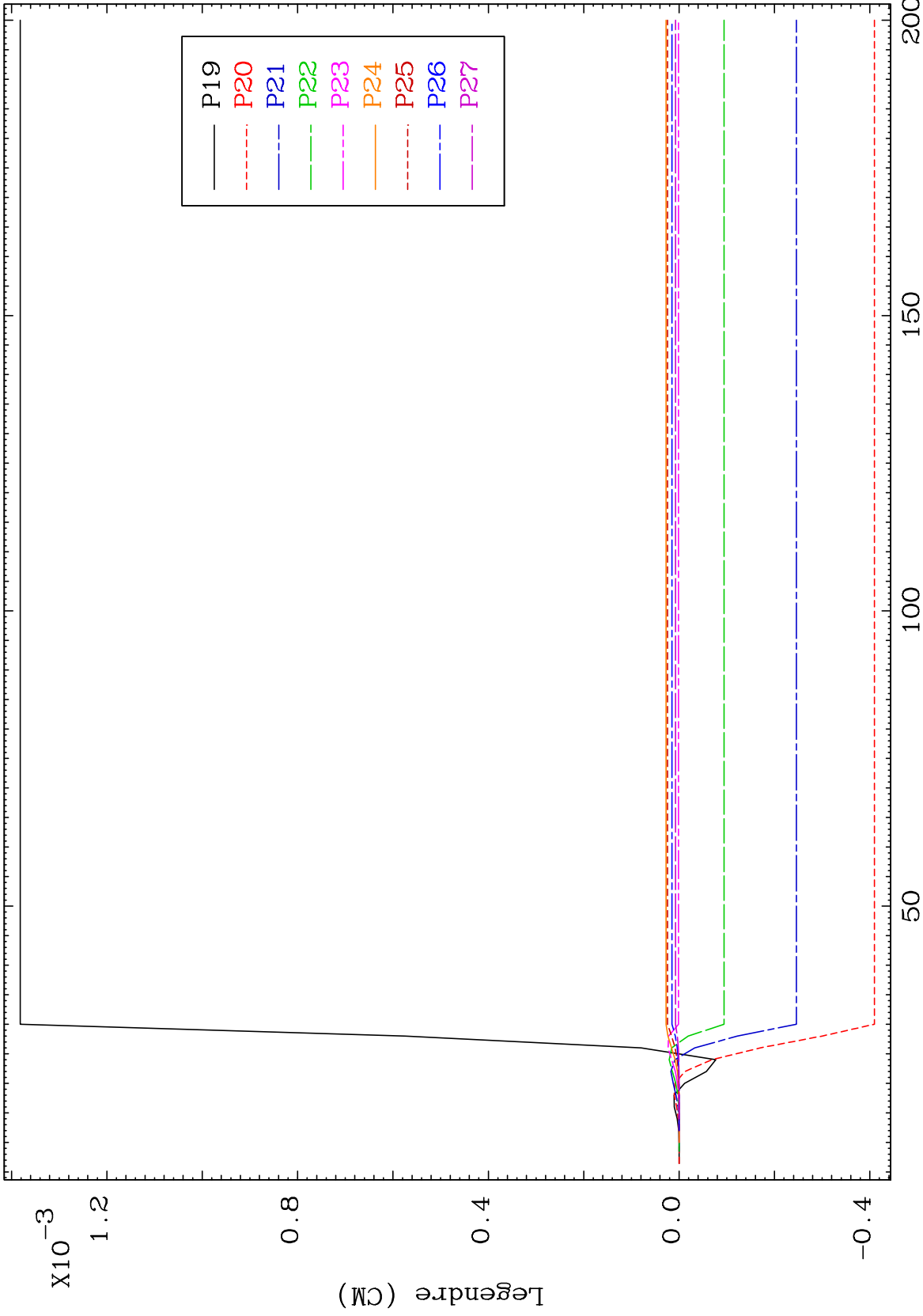
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



68

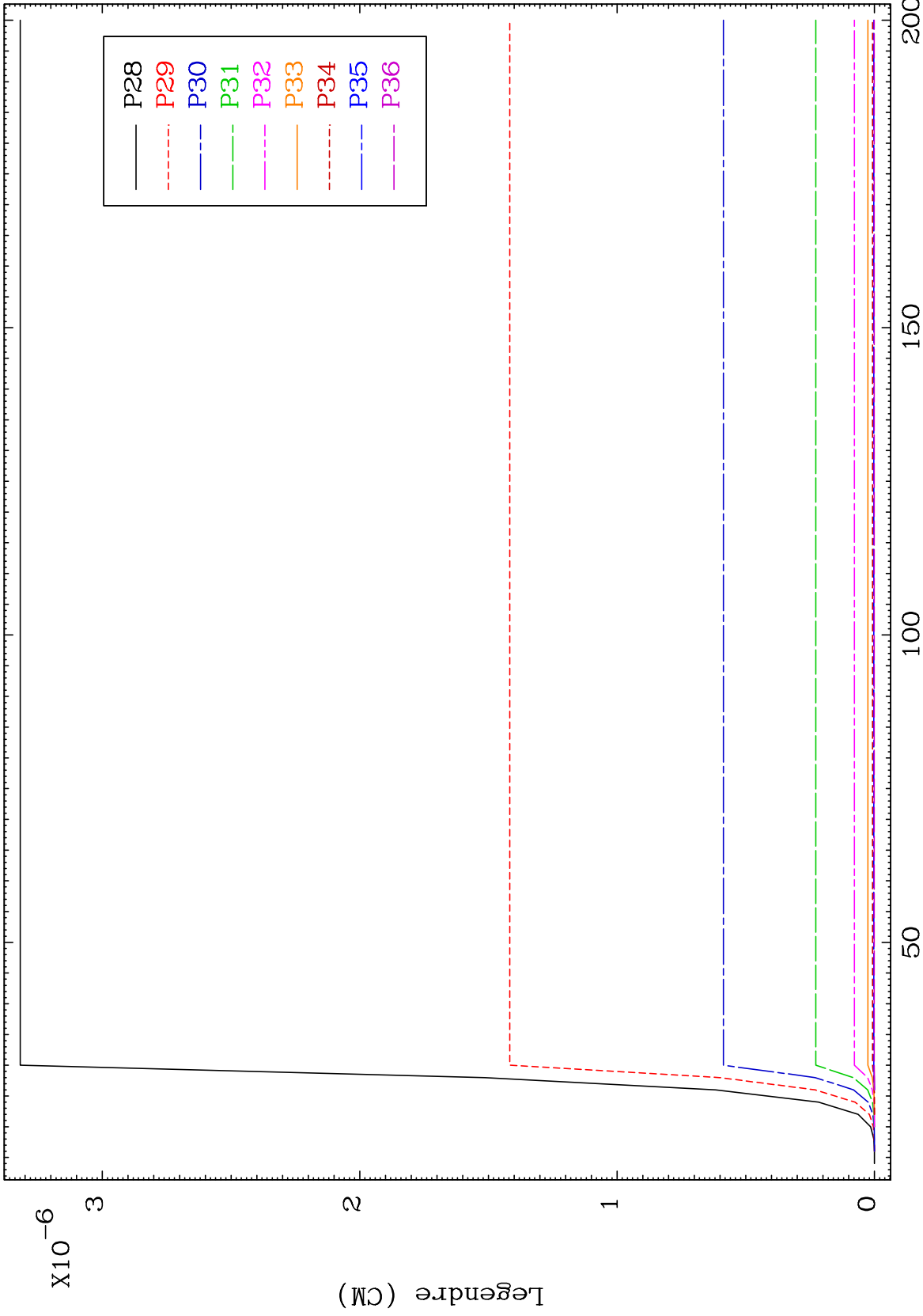
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



69

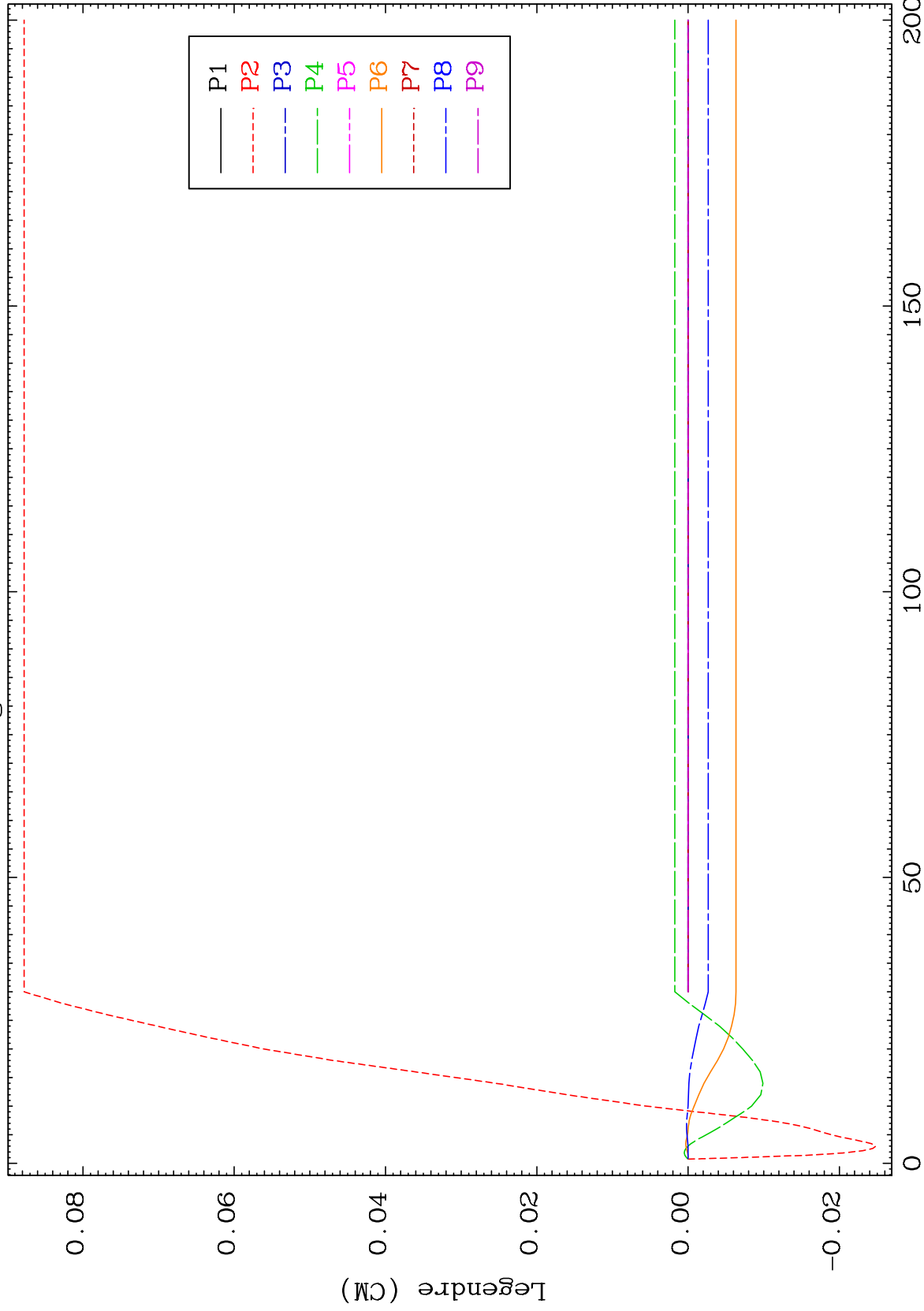
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



70

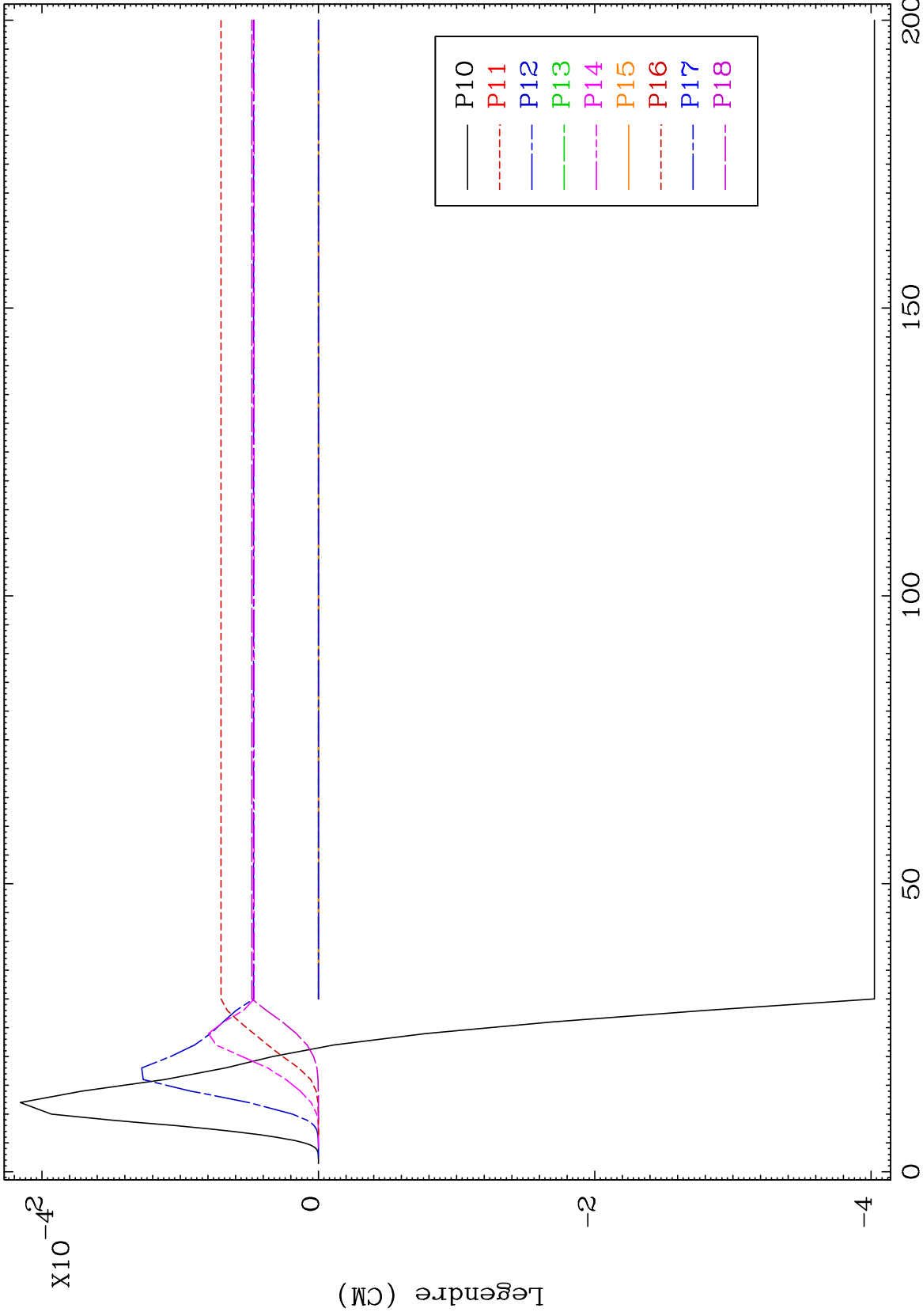
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



71

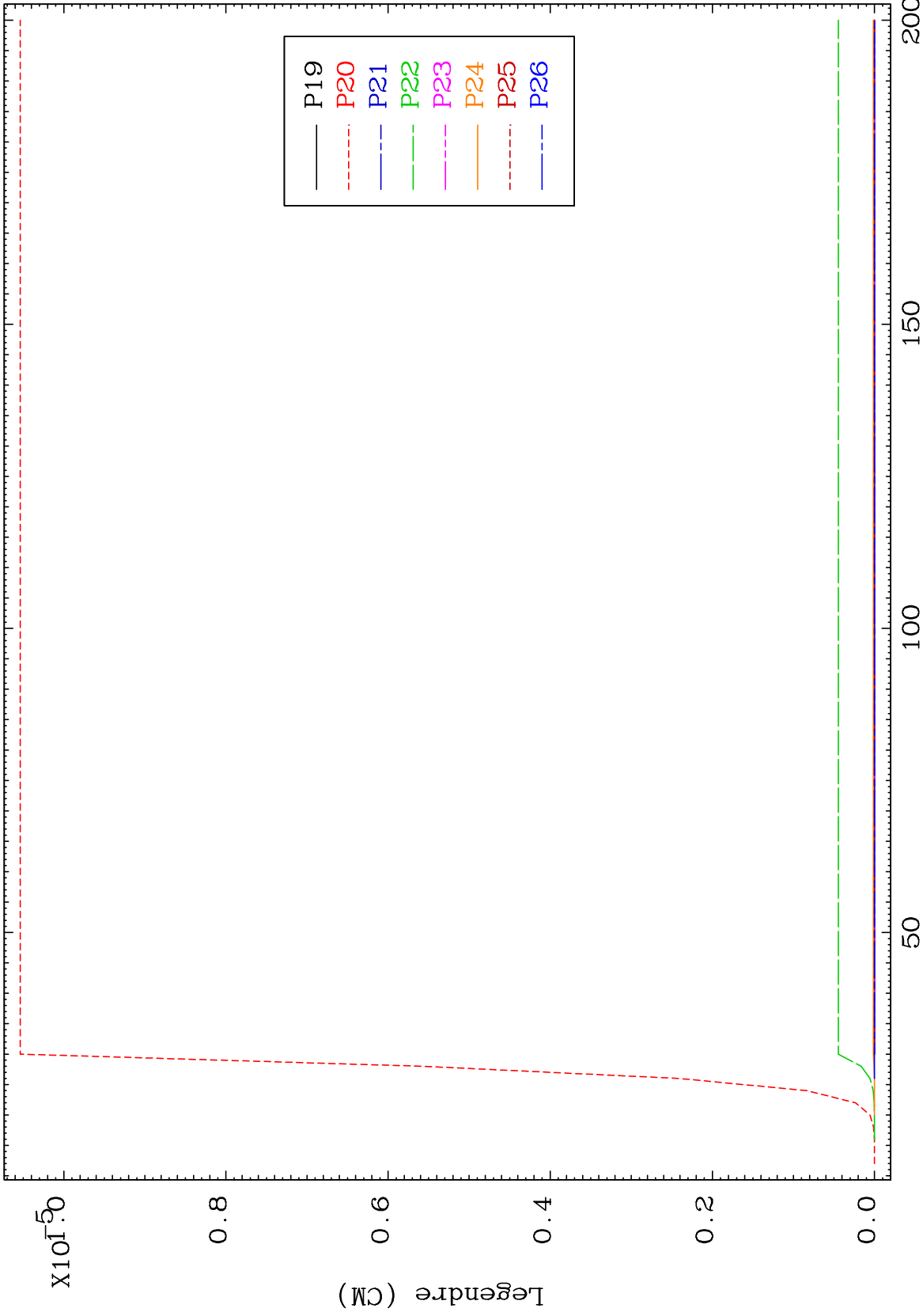
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



72

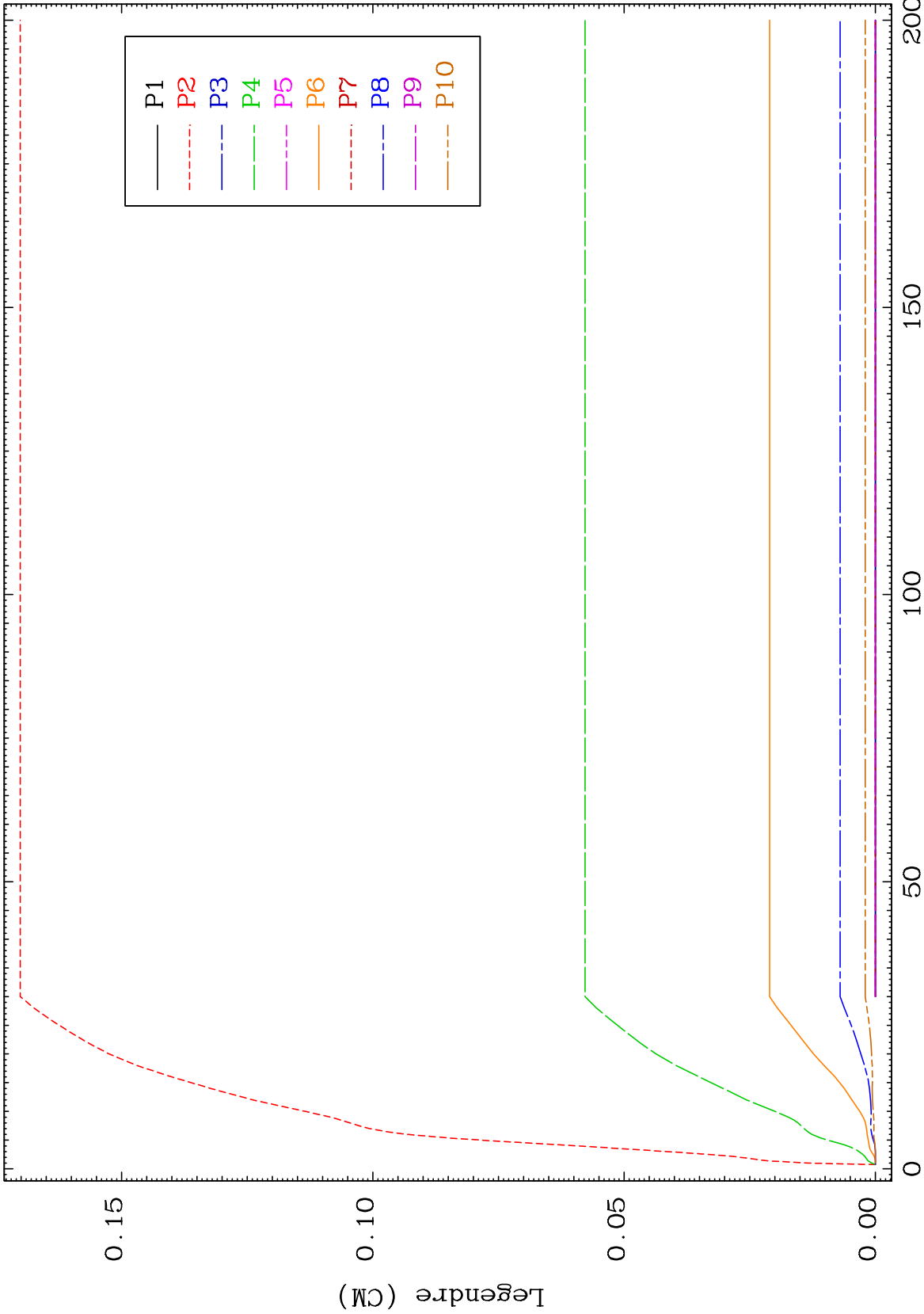
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



73

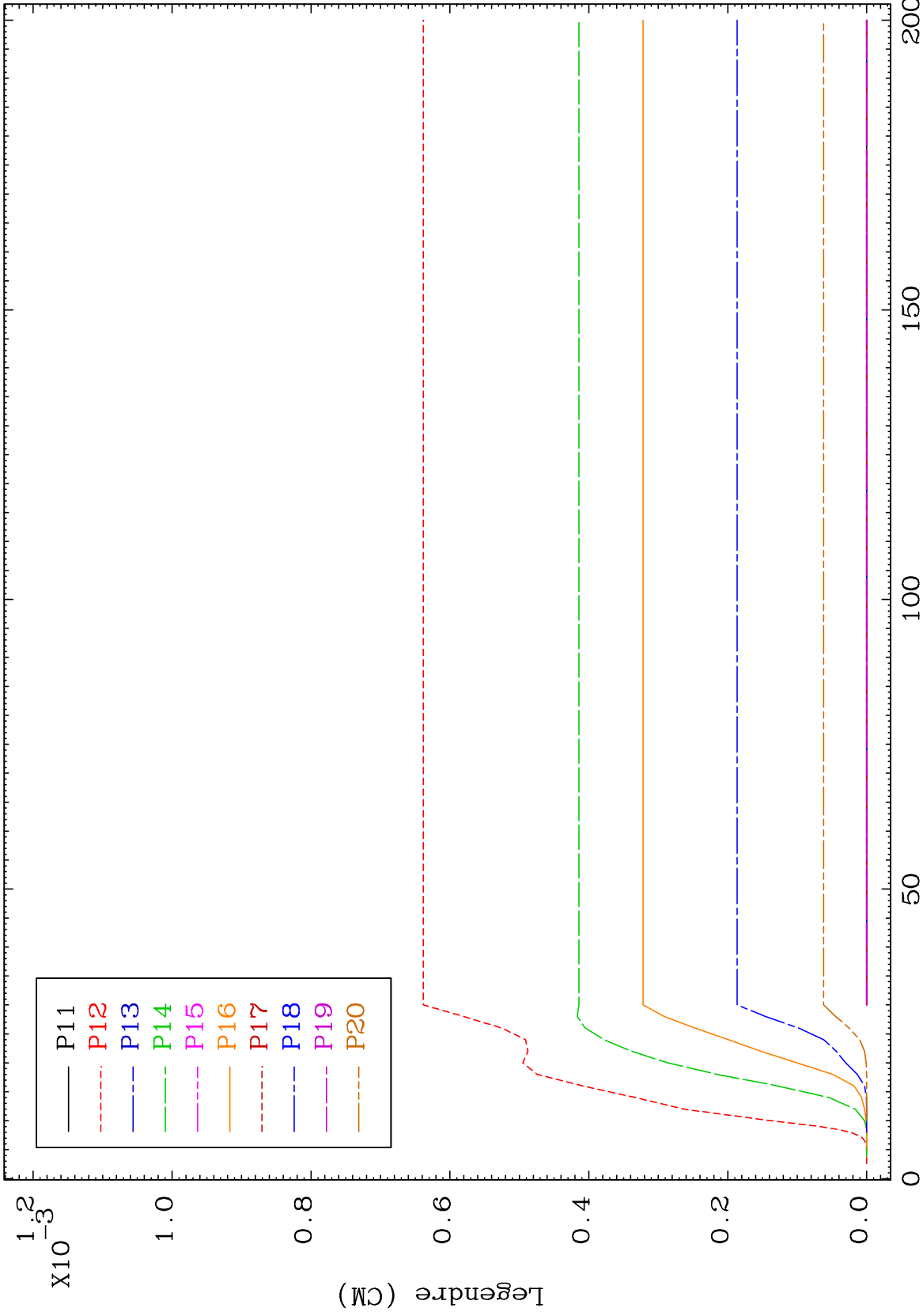
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



74

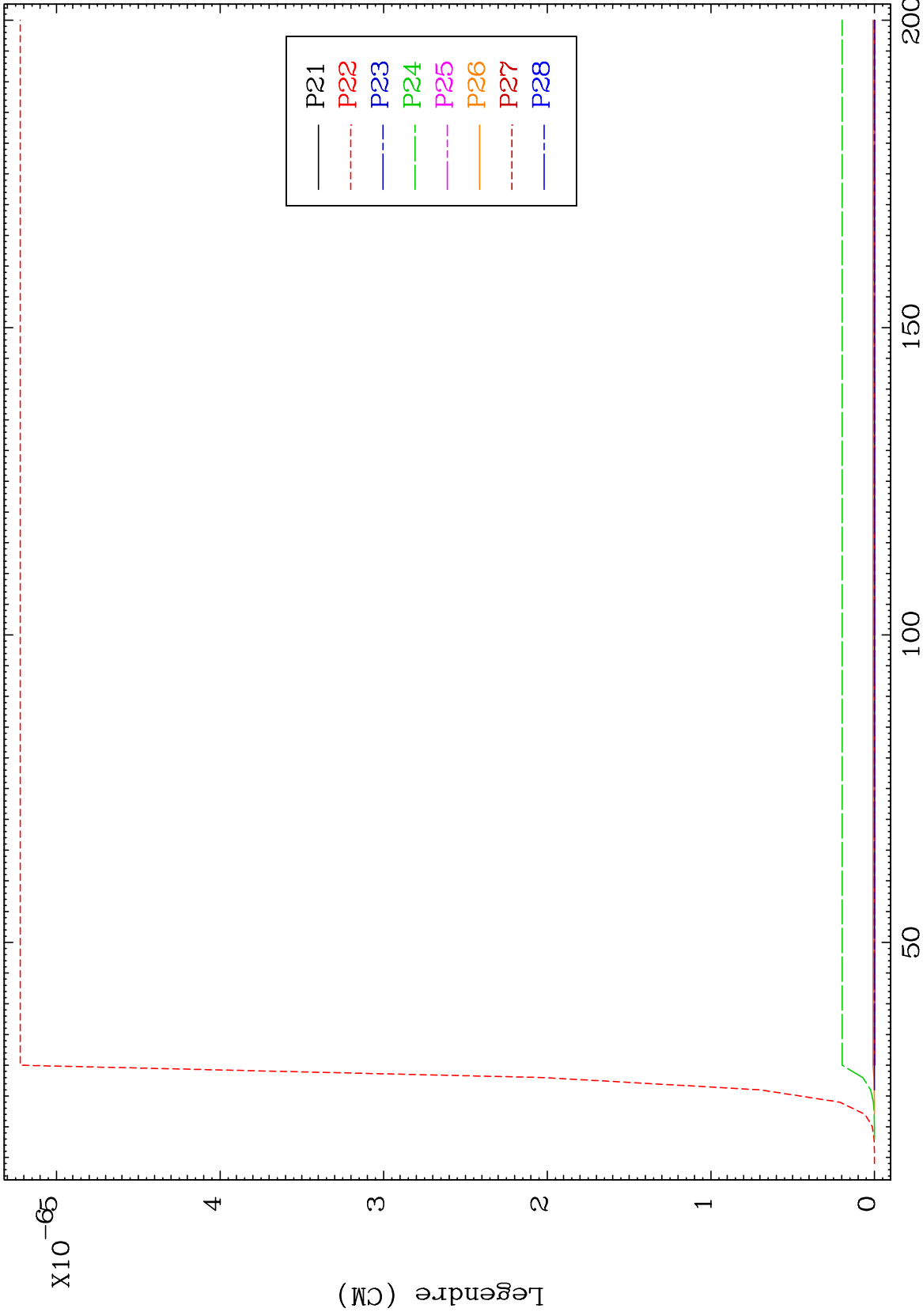
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



75

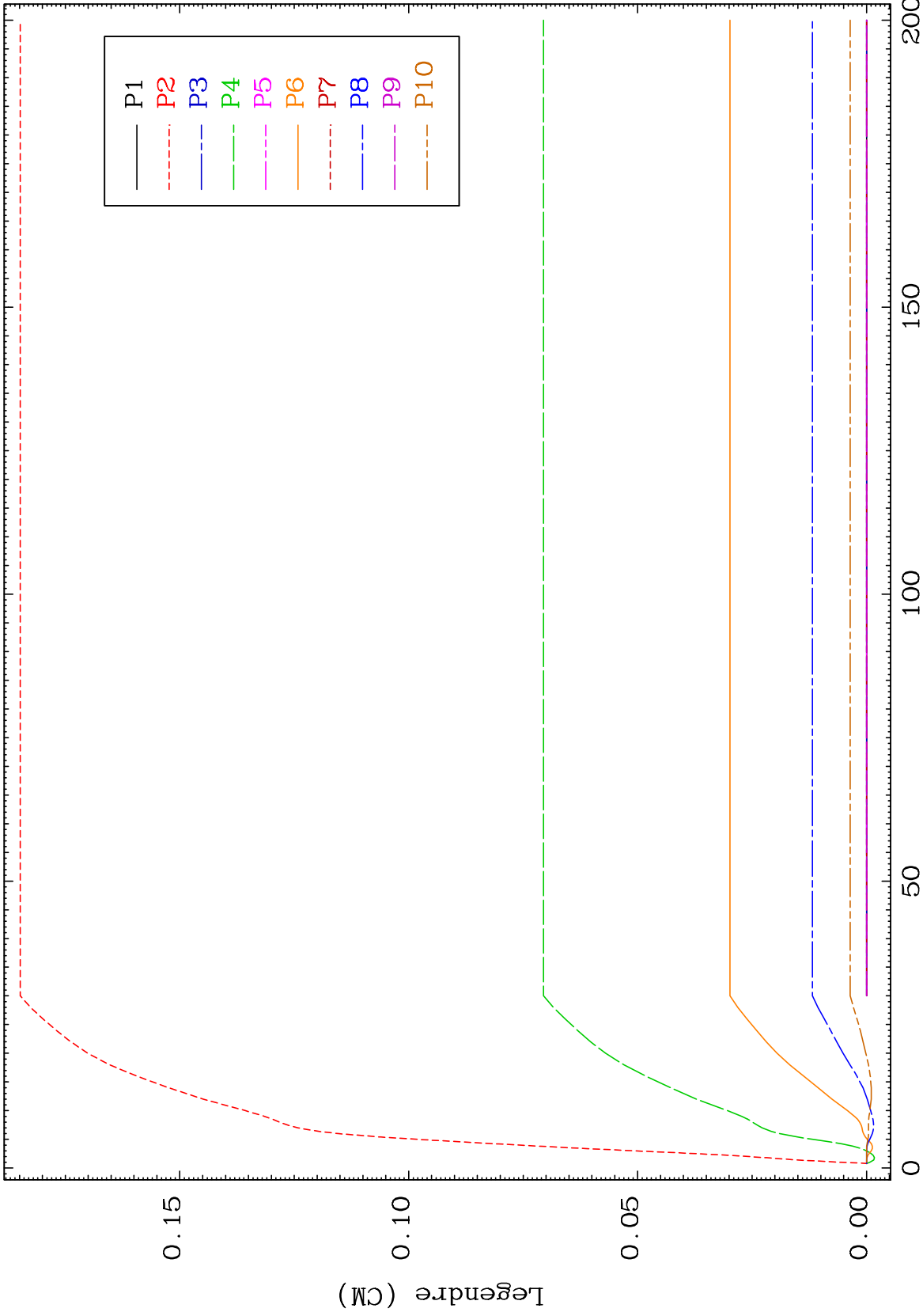
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



76

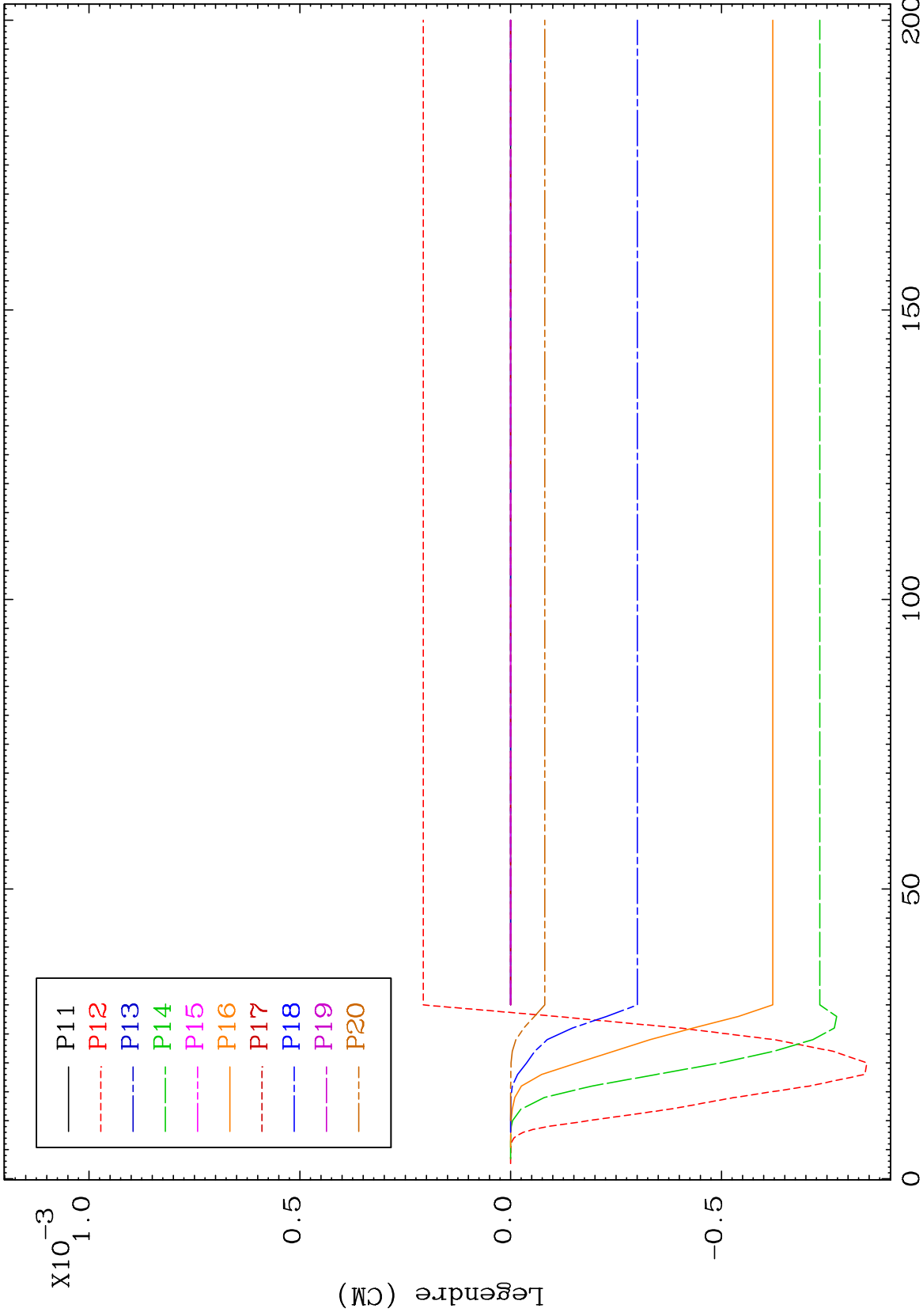
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

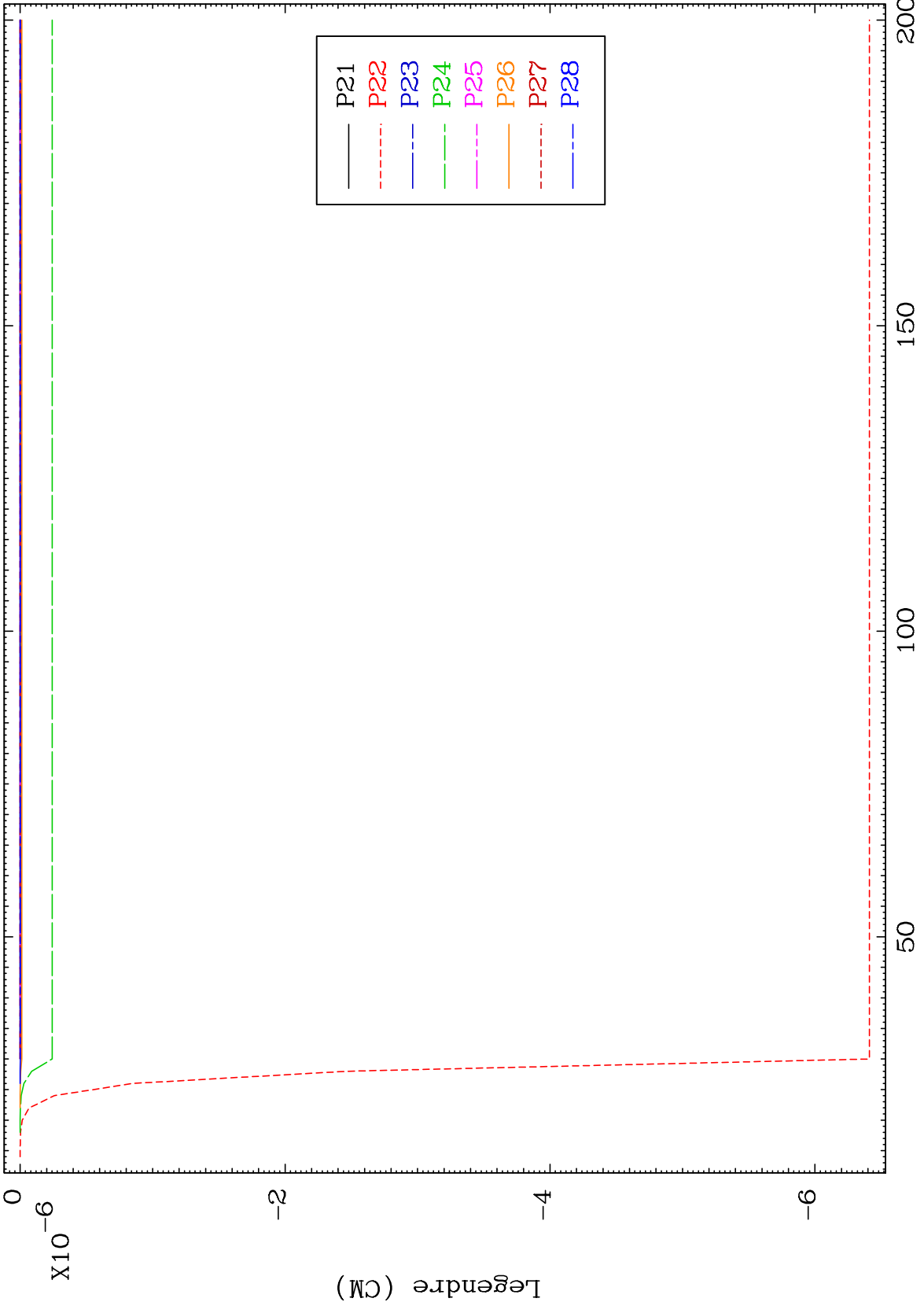


77

Incident Energy (MeV)

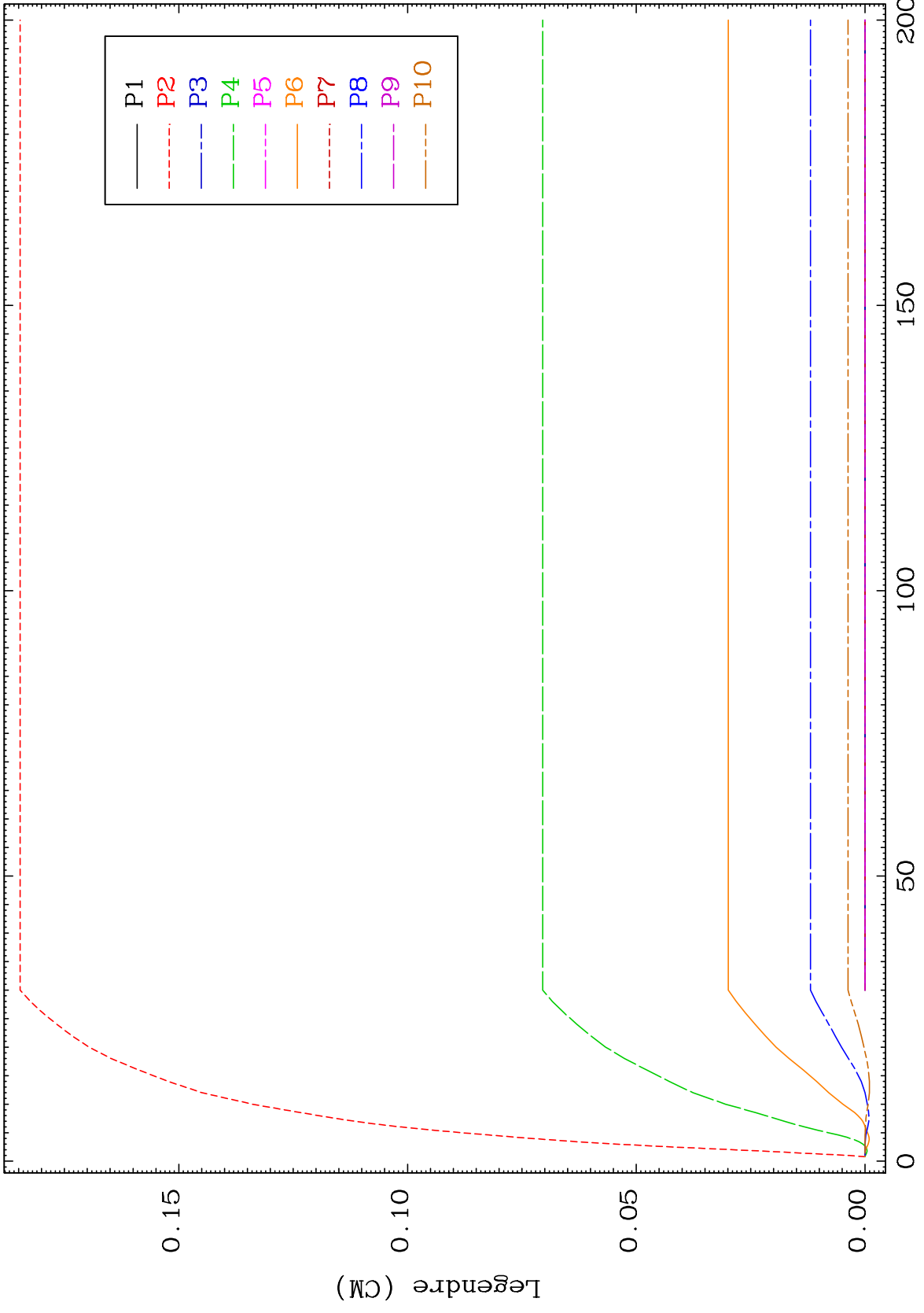
74-W -185

MAT 7440 MT= 69 (n,n') Level Legendre Coefficients 74-W -185



78 74-W -185

MAT 7440 MT= 70 (n,n') Level Legendre Coefficients 74-W -185

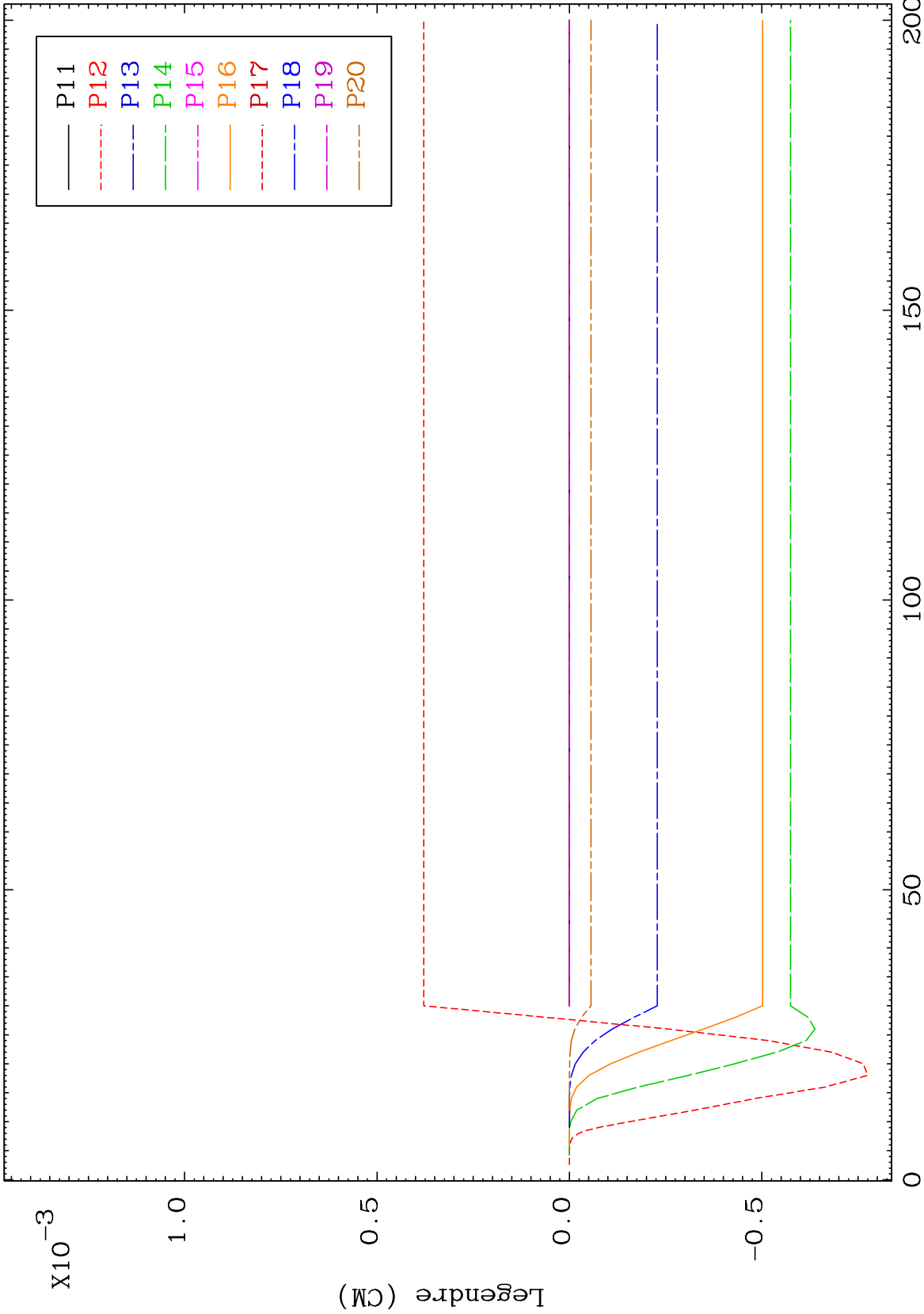


79 Incident Energy (MeV) 74-W -185

MAT 7440

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

74-W -185



80

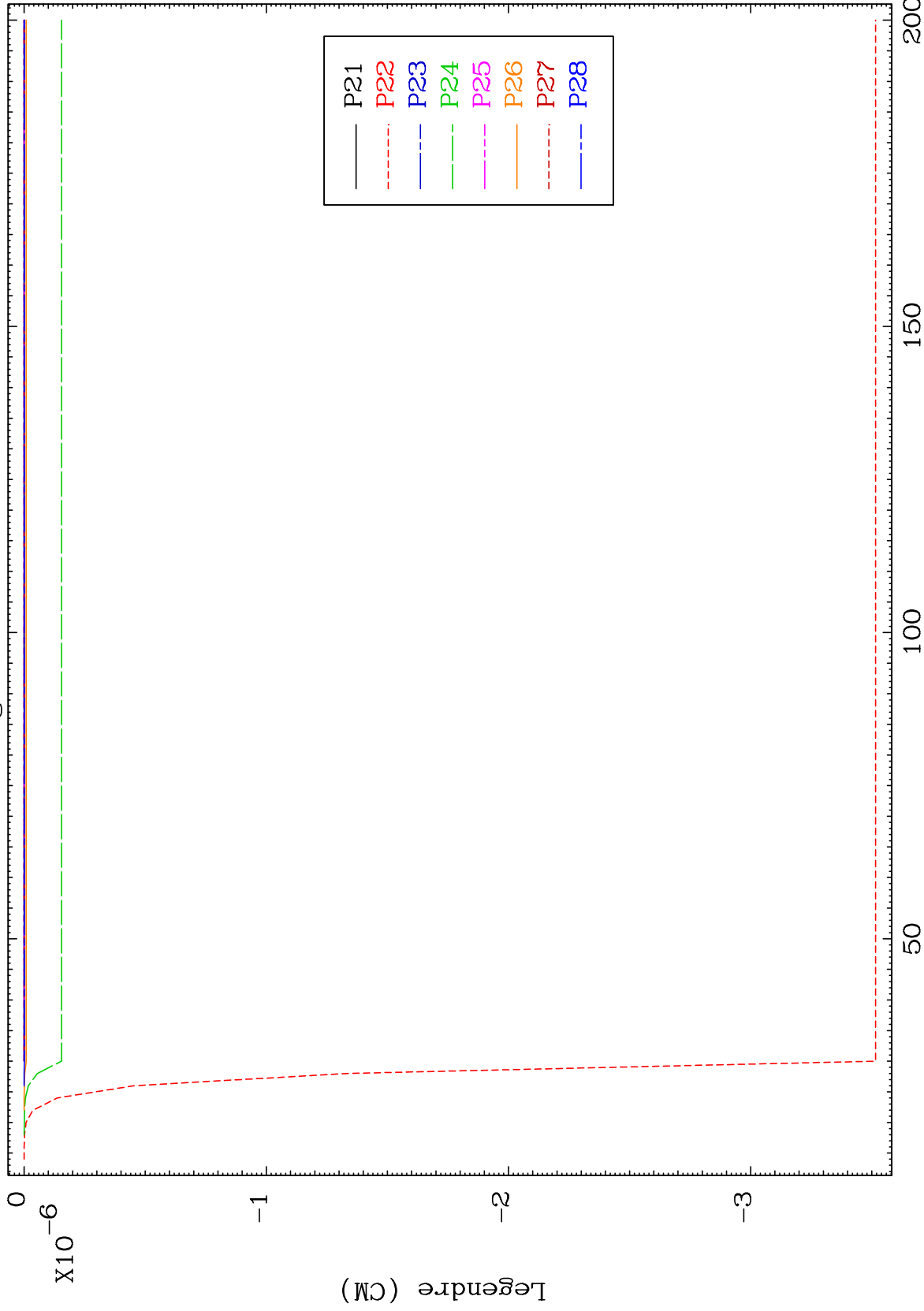
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



81

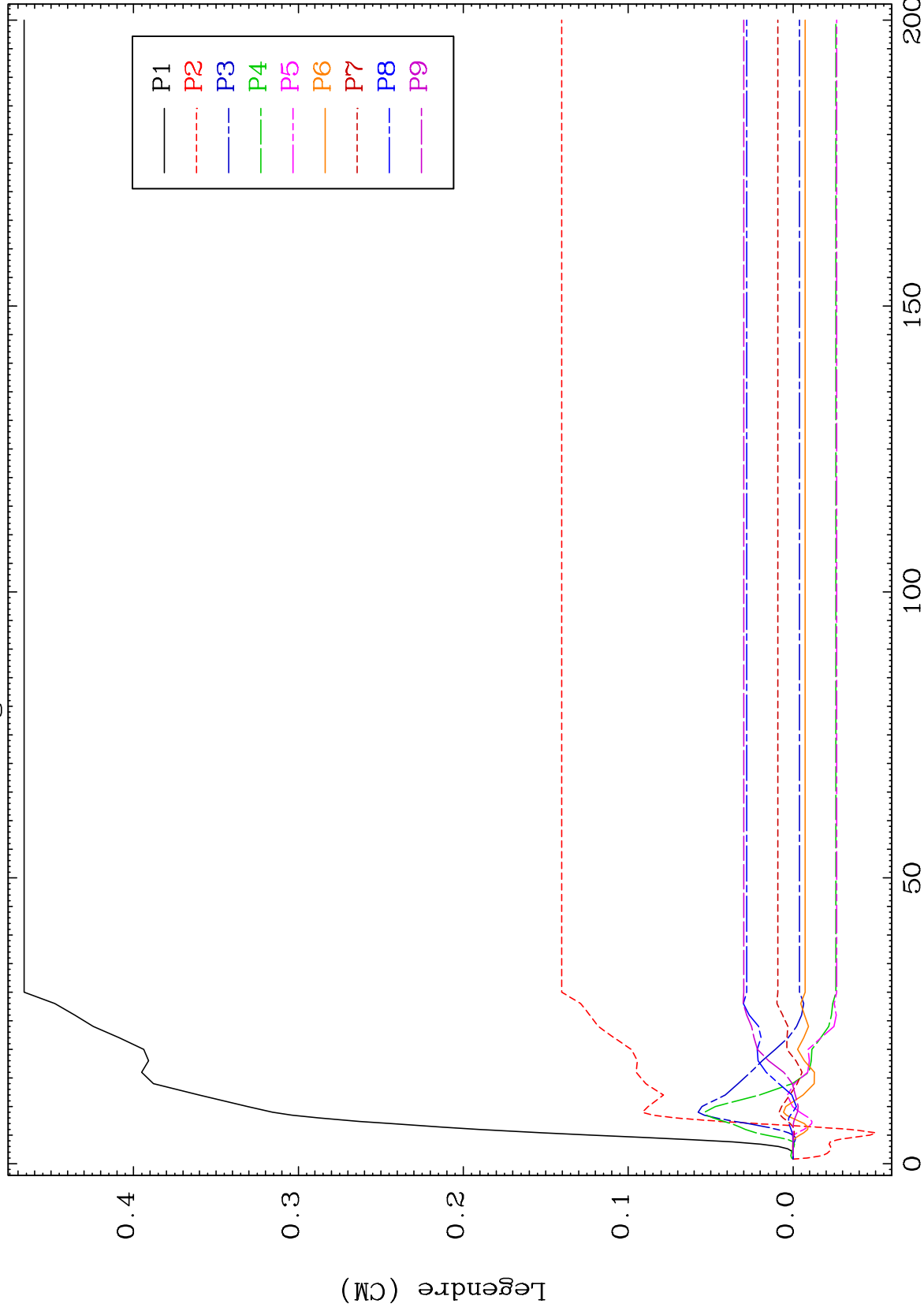
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



82

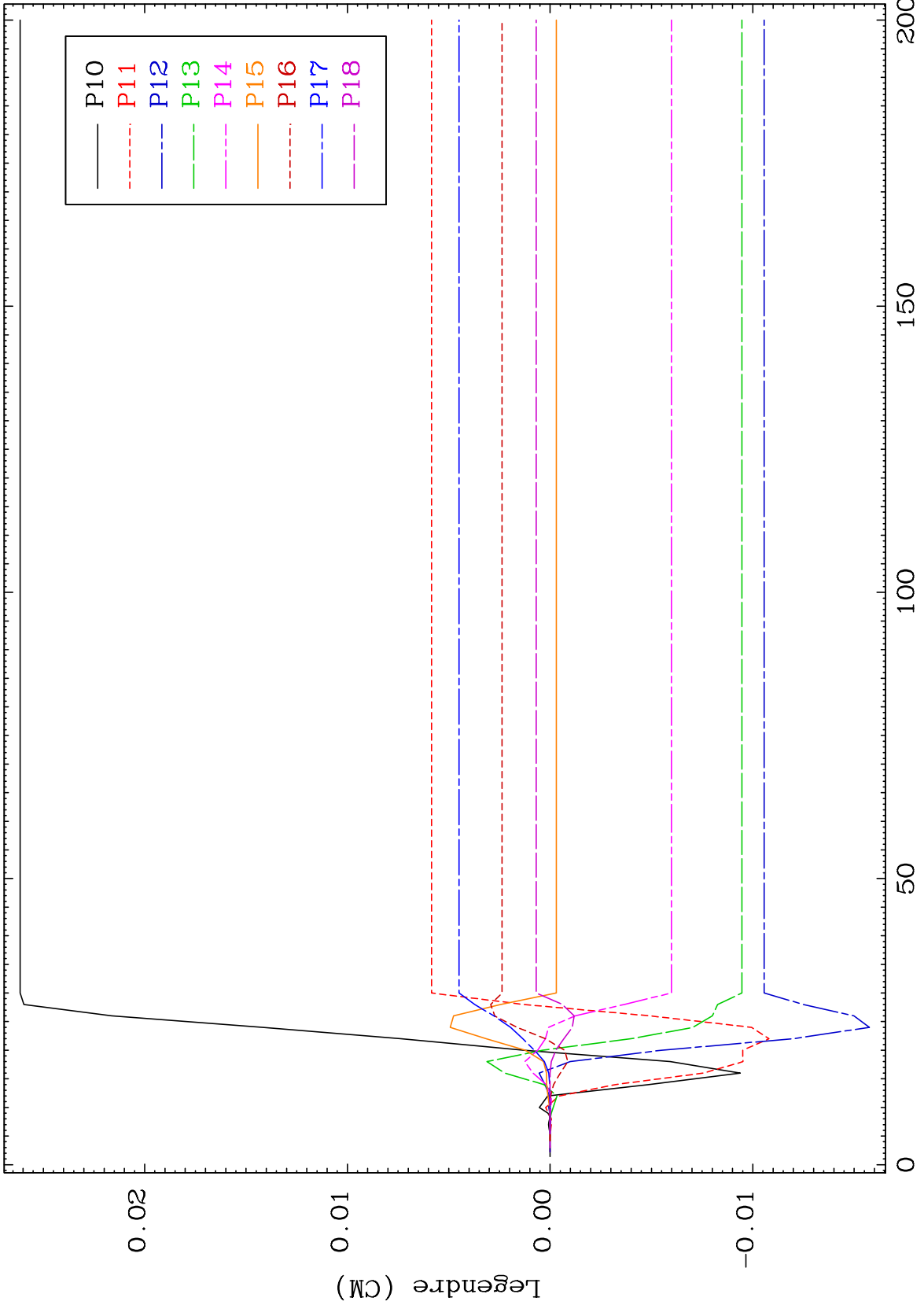
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



83

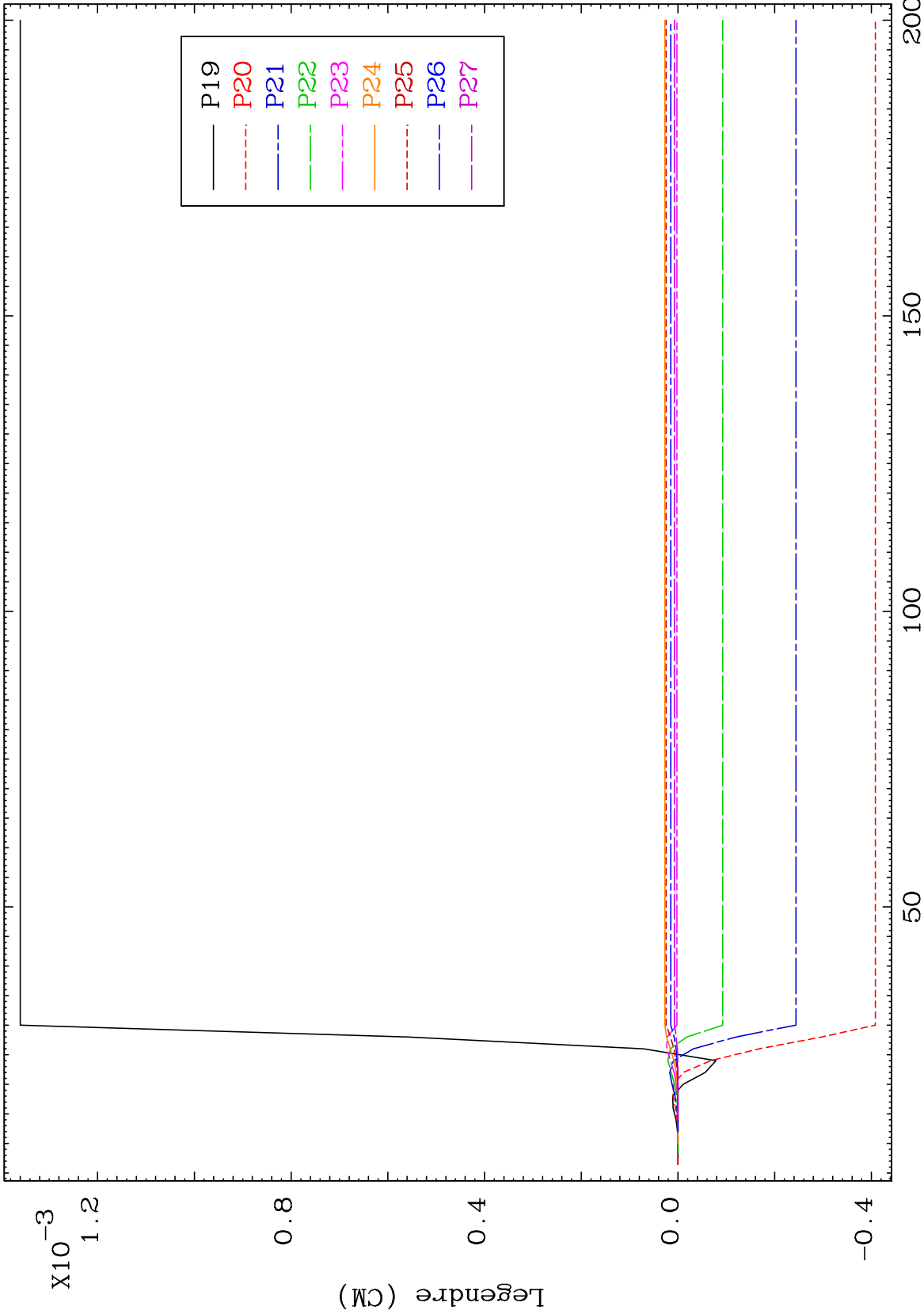
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



84

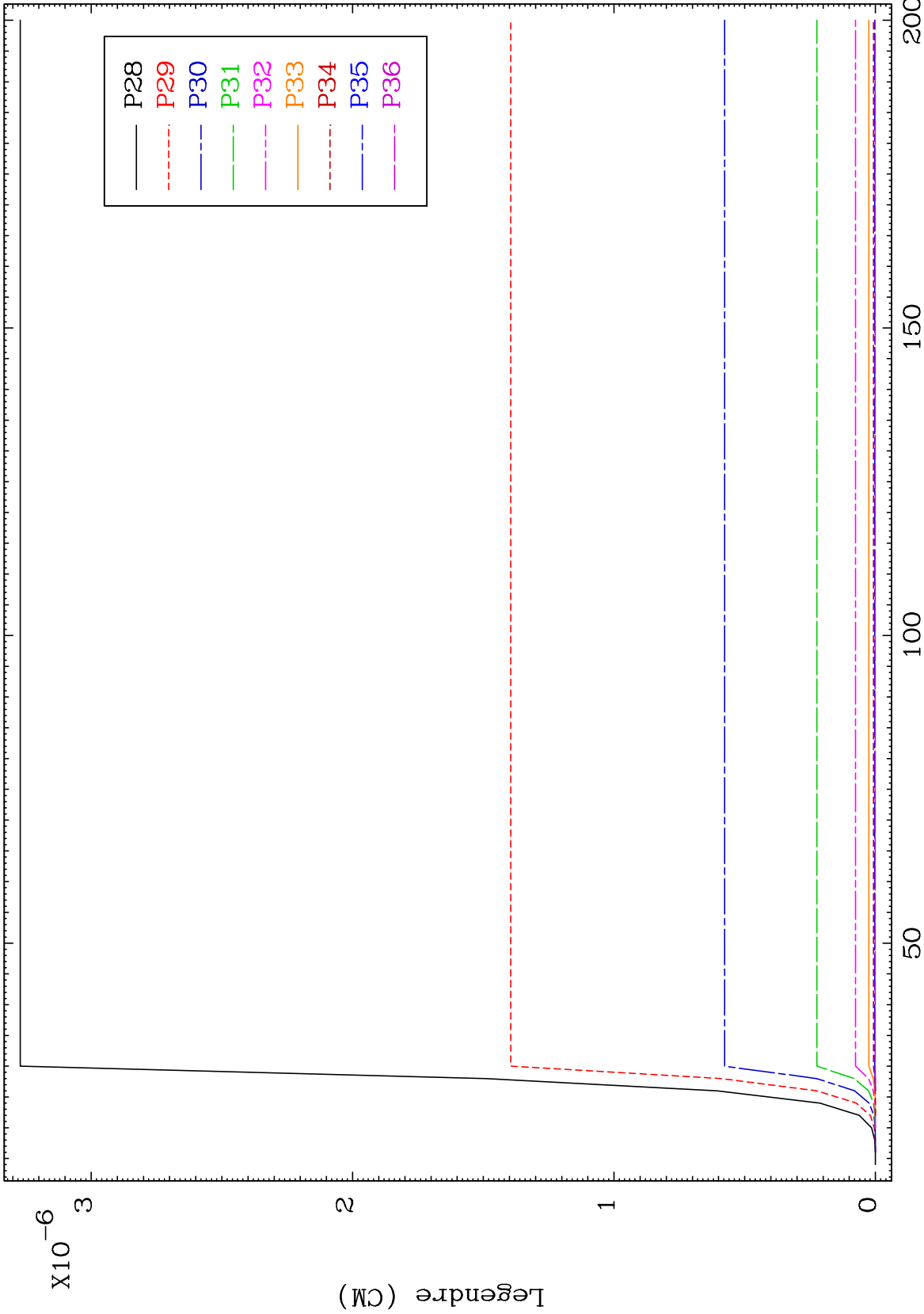
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



85

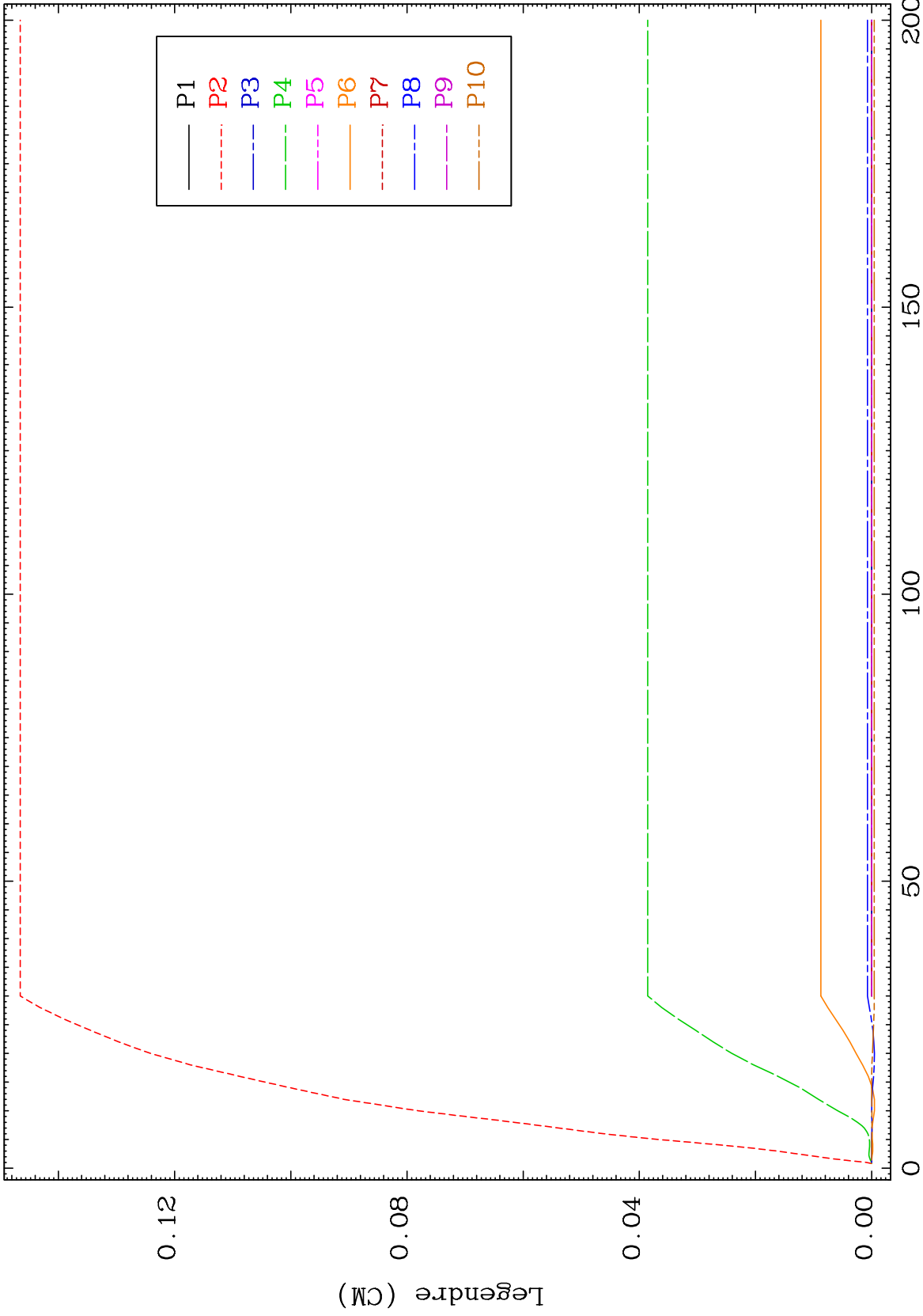
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



86

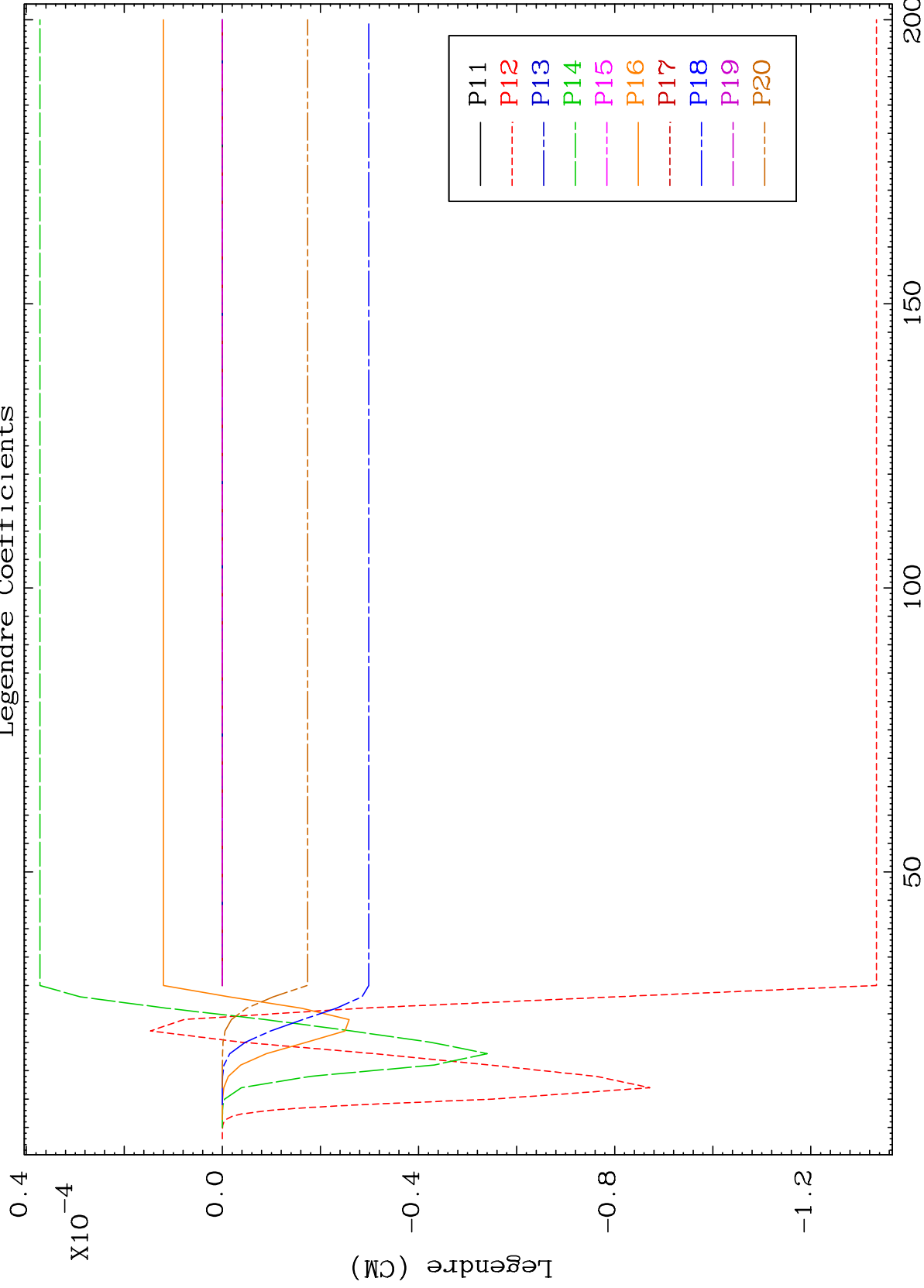
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

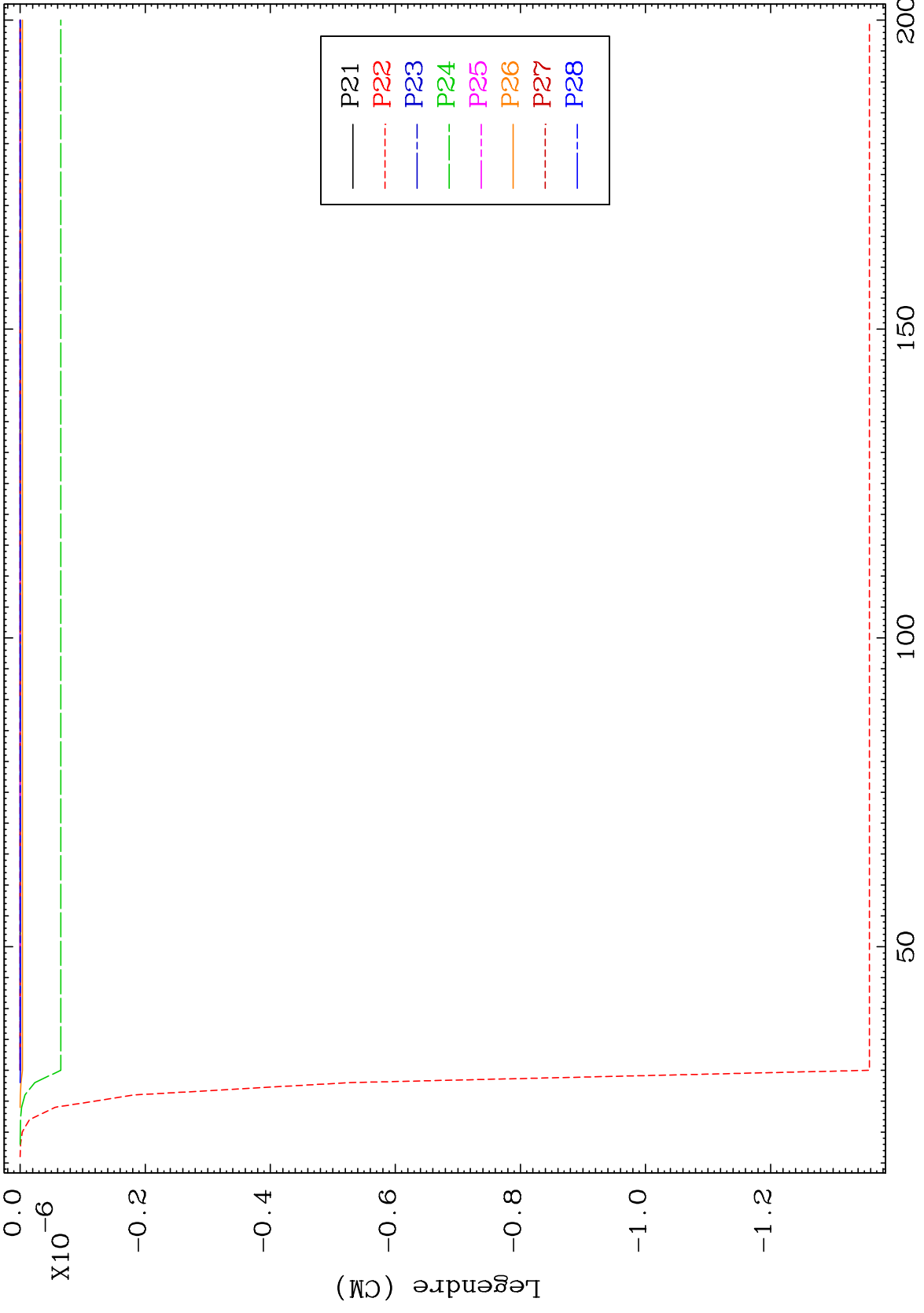


87

Incident Energy (MeV)

74-W -185

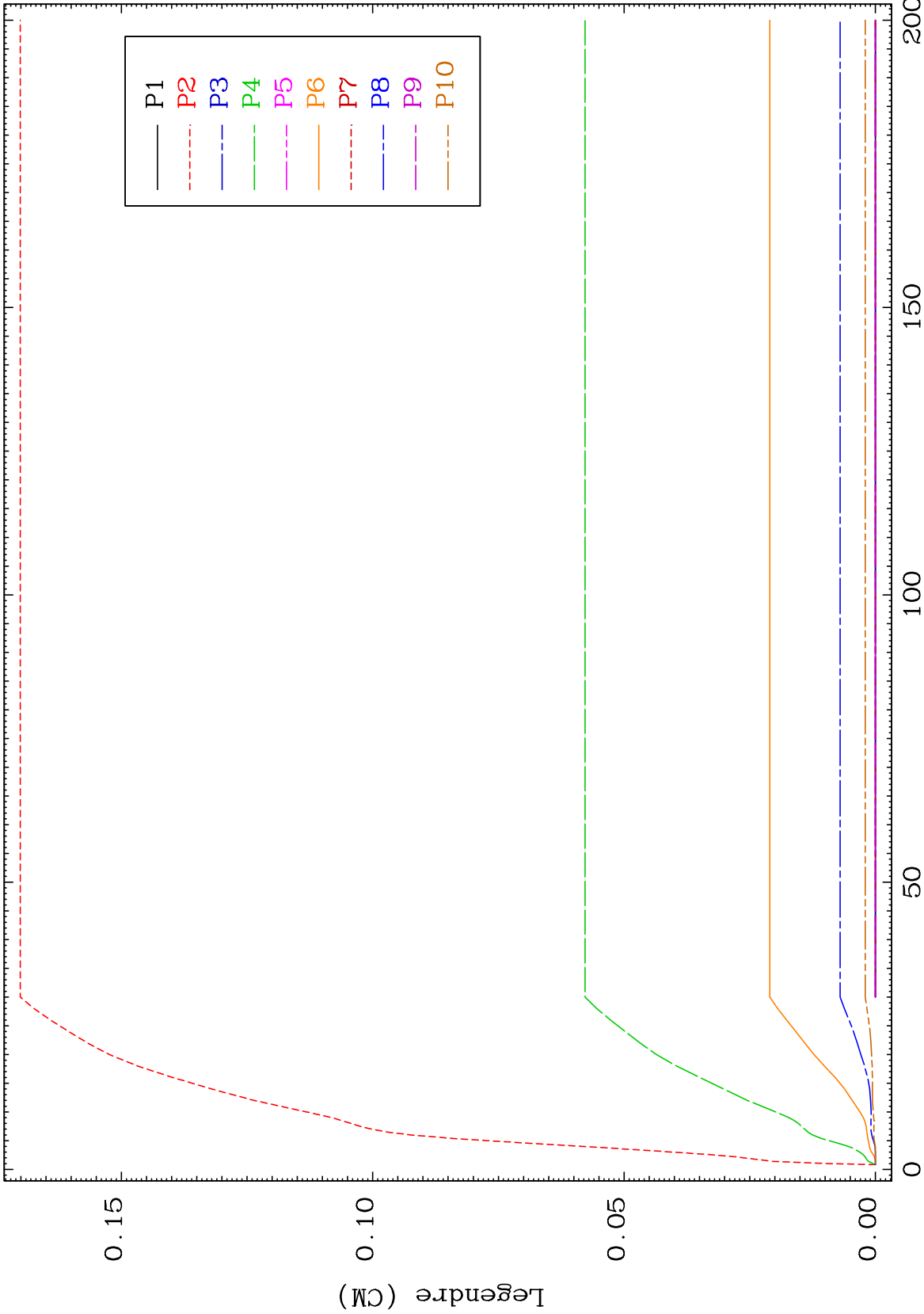
MAT 7440 MT= 72 (n,n') Level Legendre Coefficients 74-W -185



MAT 7440

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

74-W -185



89

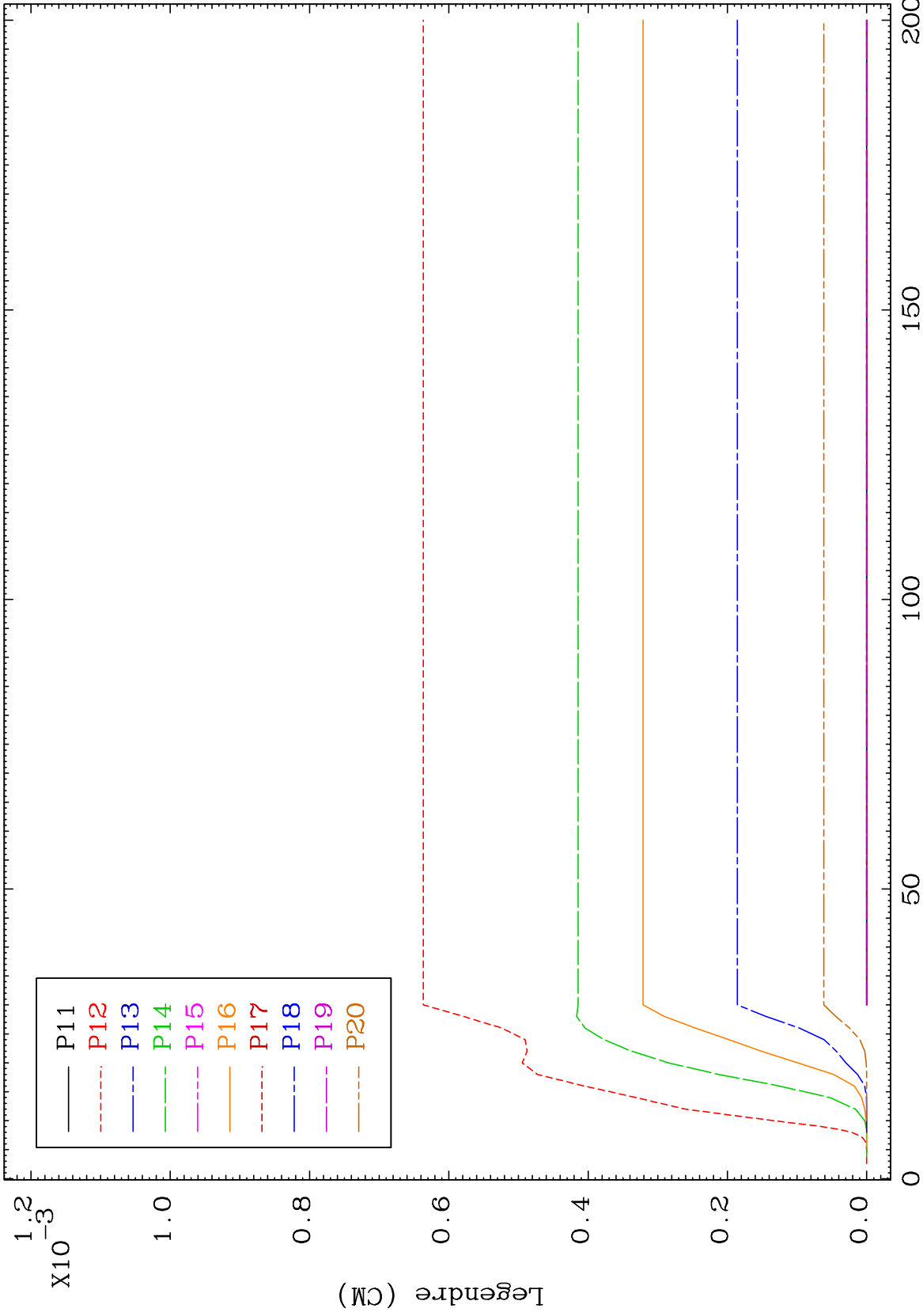
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



90

50

100

150

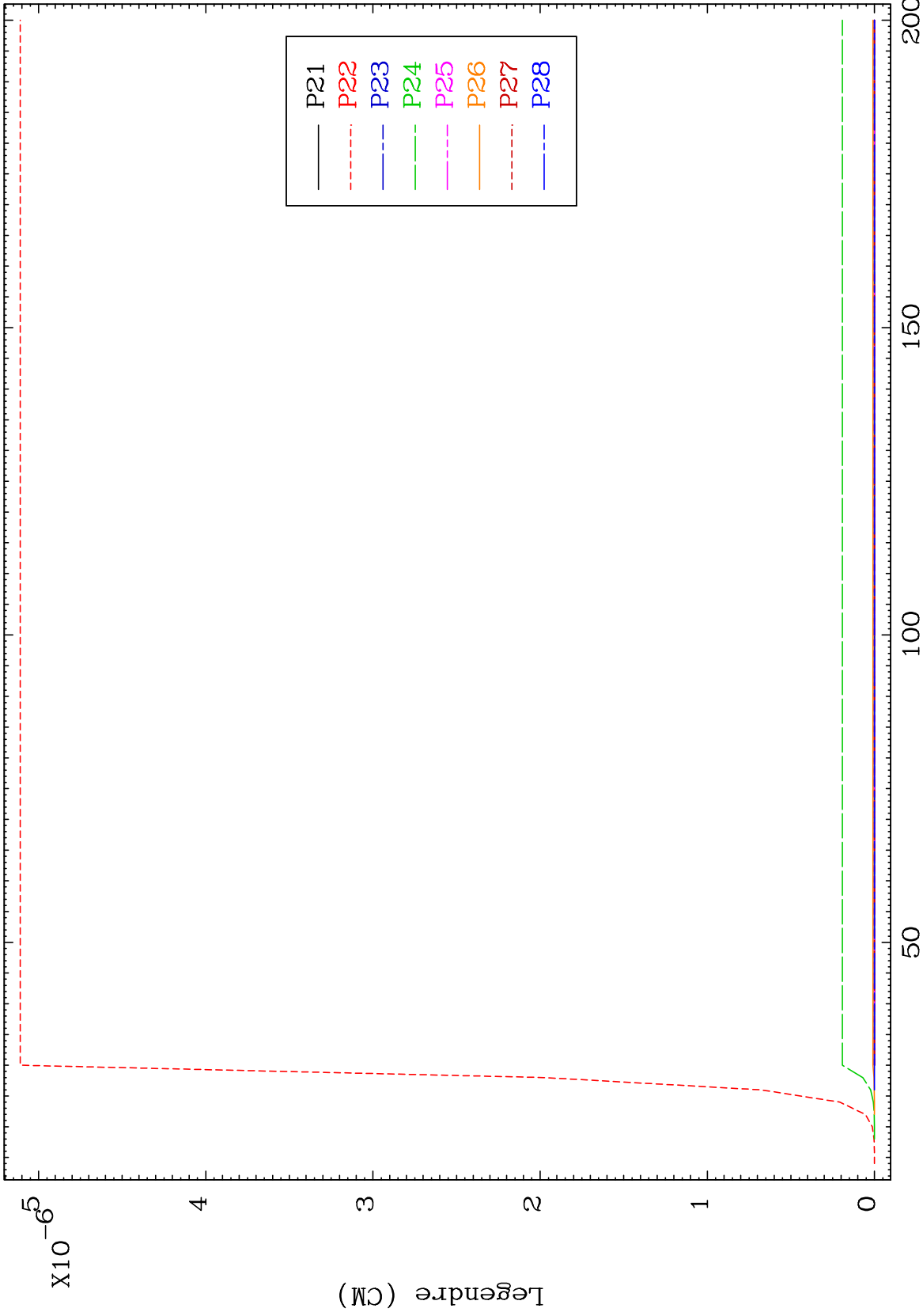
200

74-W -185

MAT 7440

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

74-W -185



91

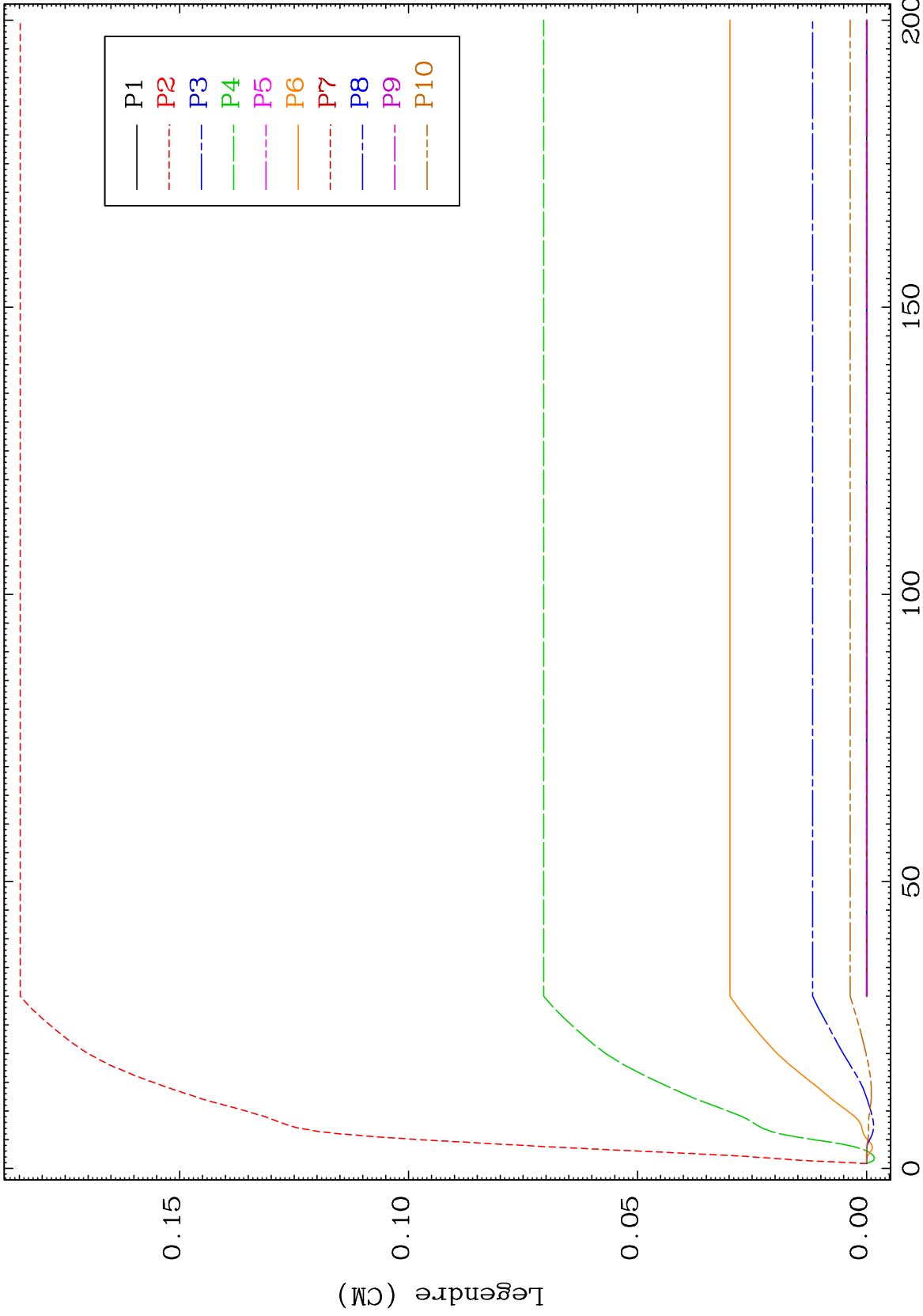
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



92

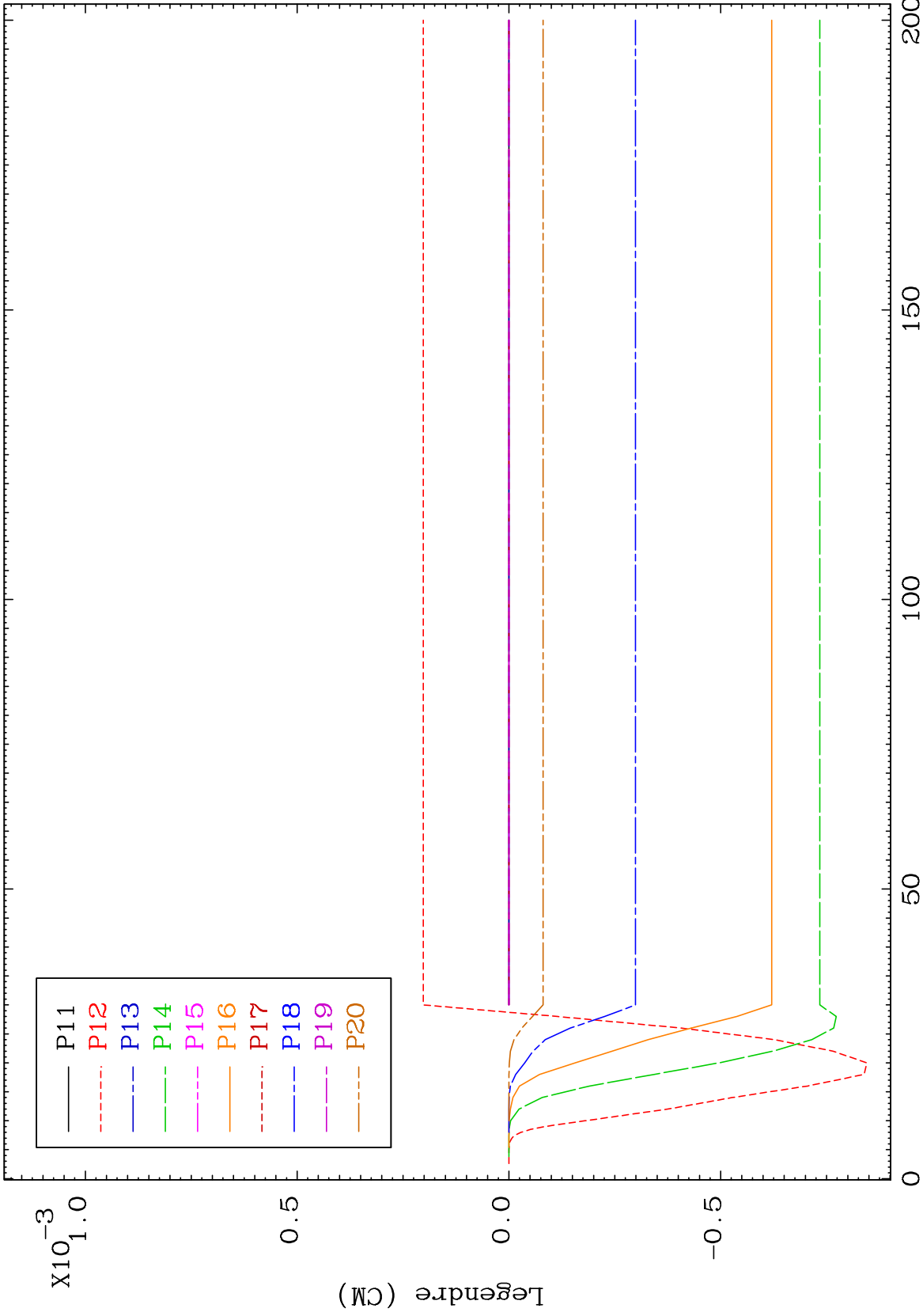
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



93

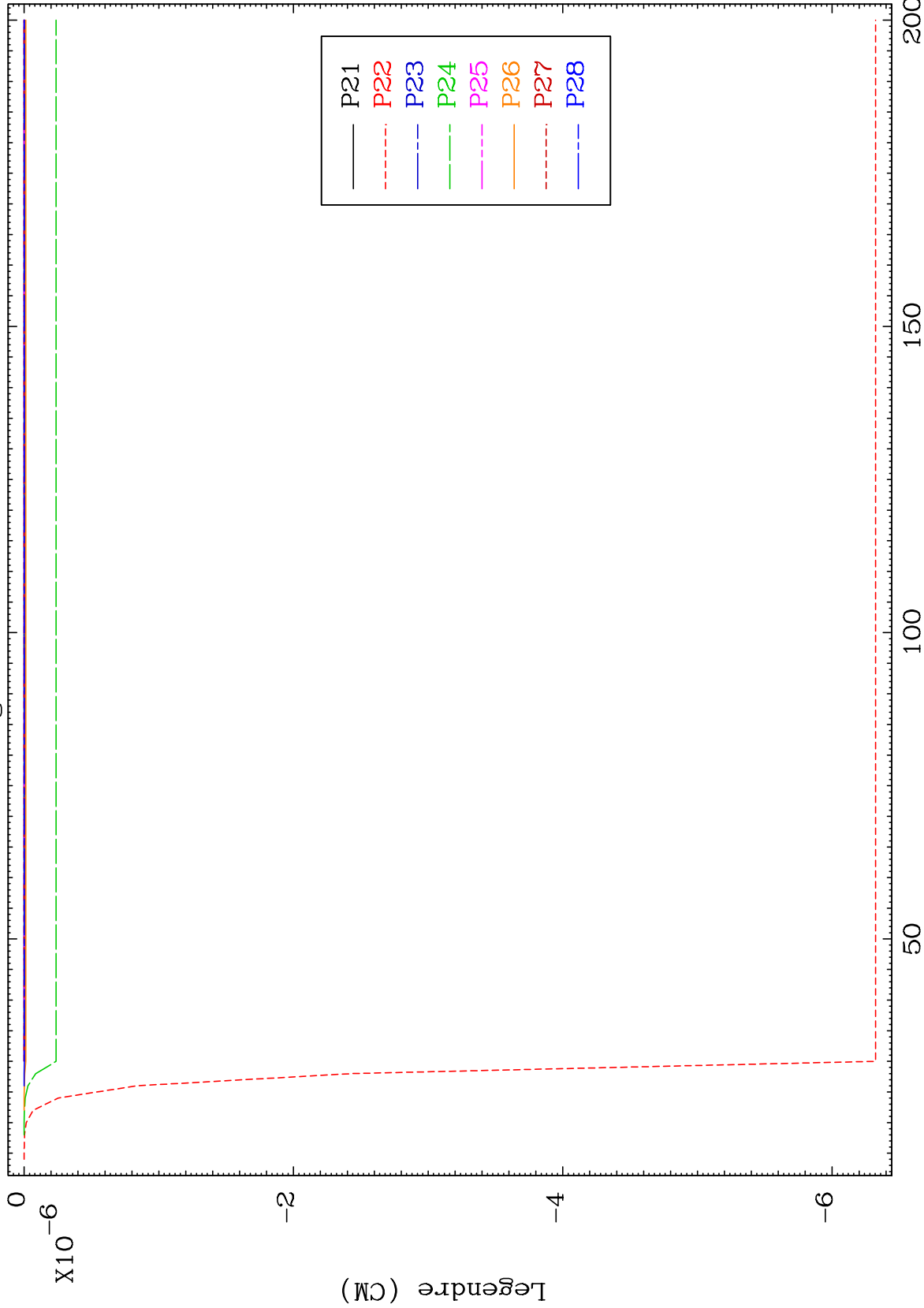
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185

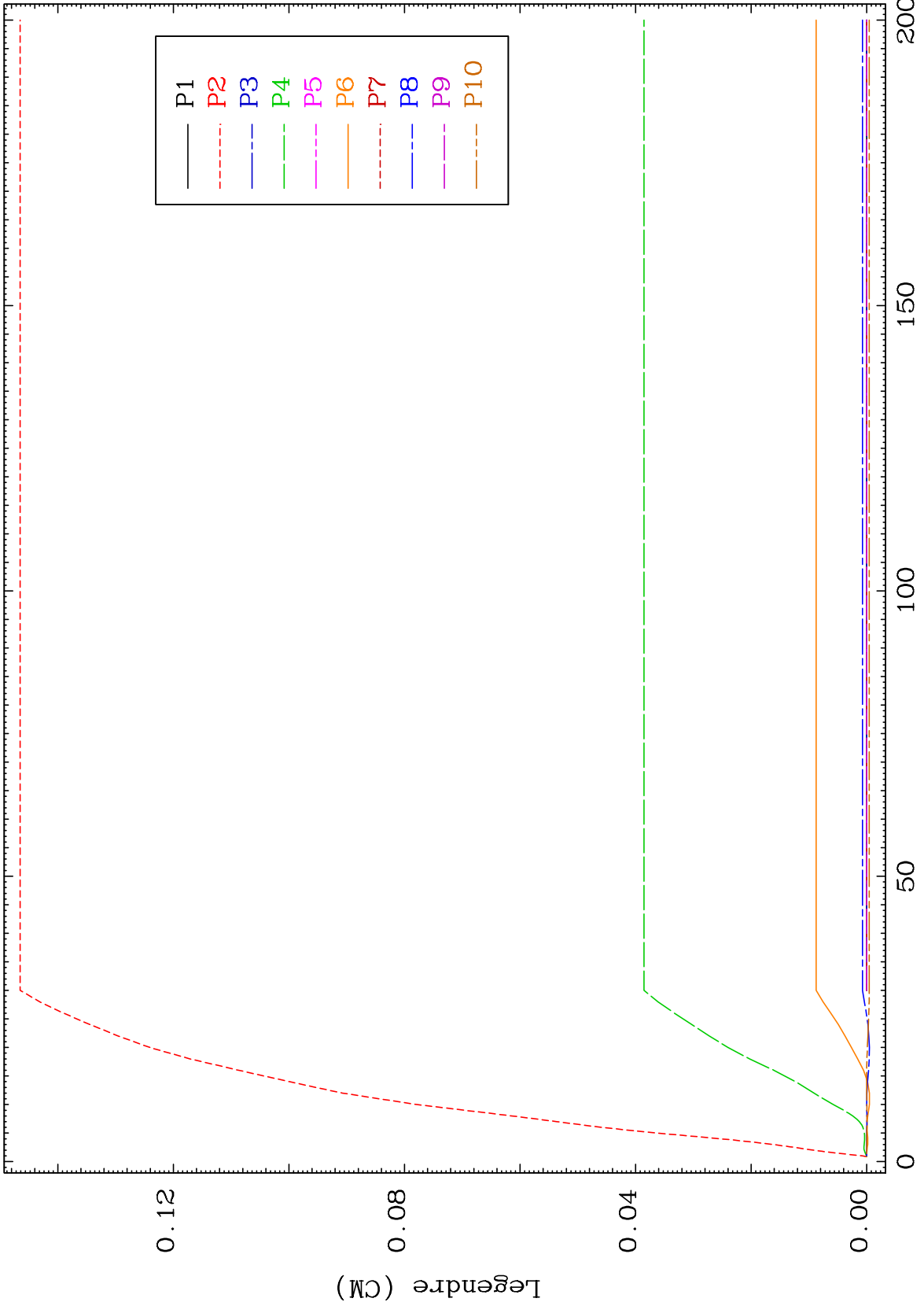


94

Incident Energy (MeV)

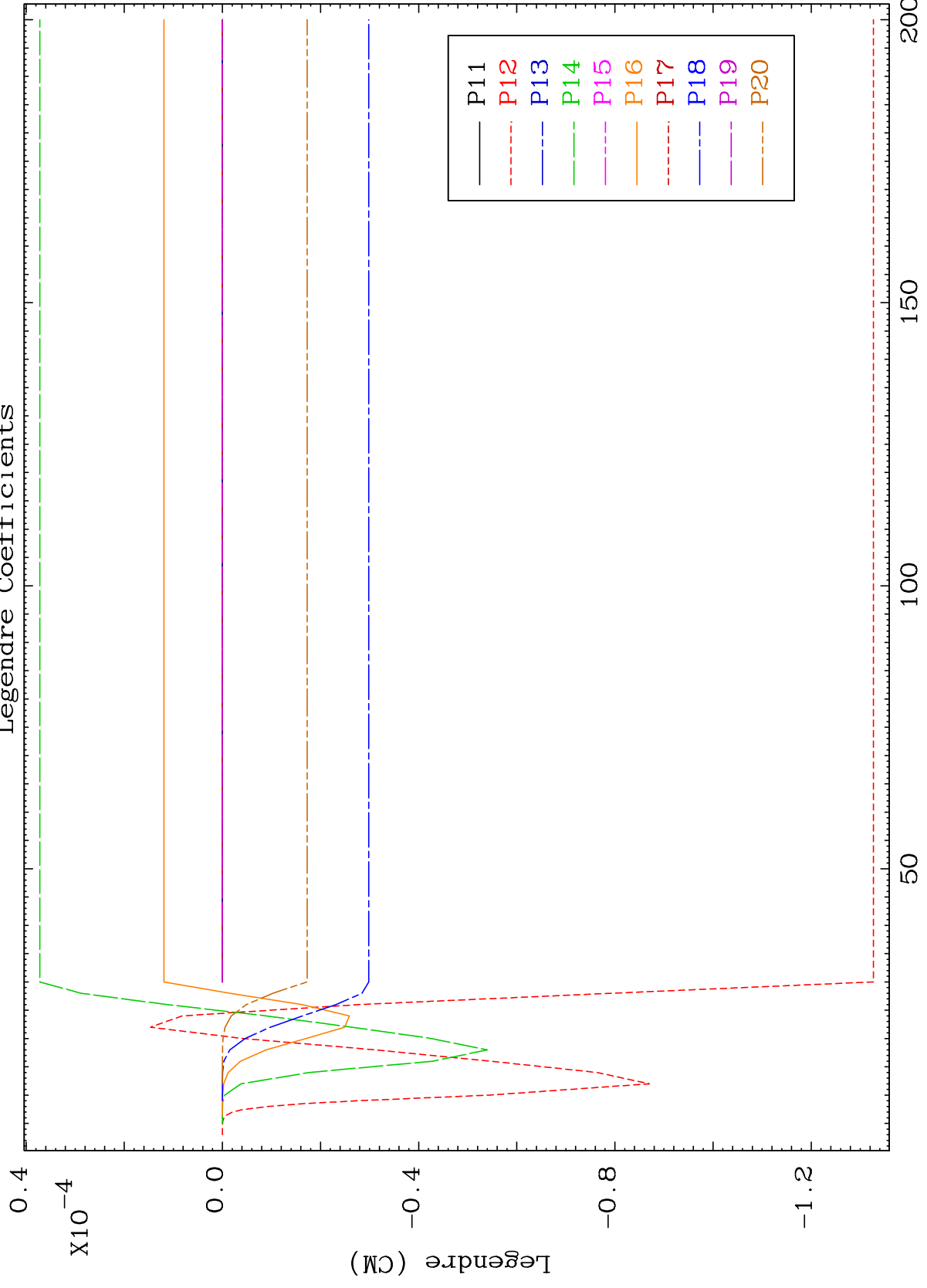
74-W -185

MAT 7440 MT= 75 (n,n') Level Legendre Coefficients 74-W -185



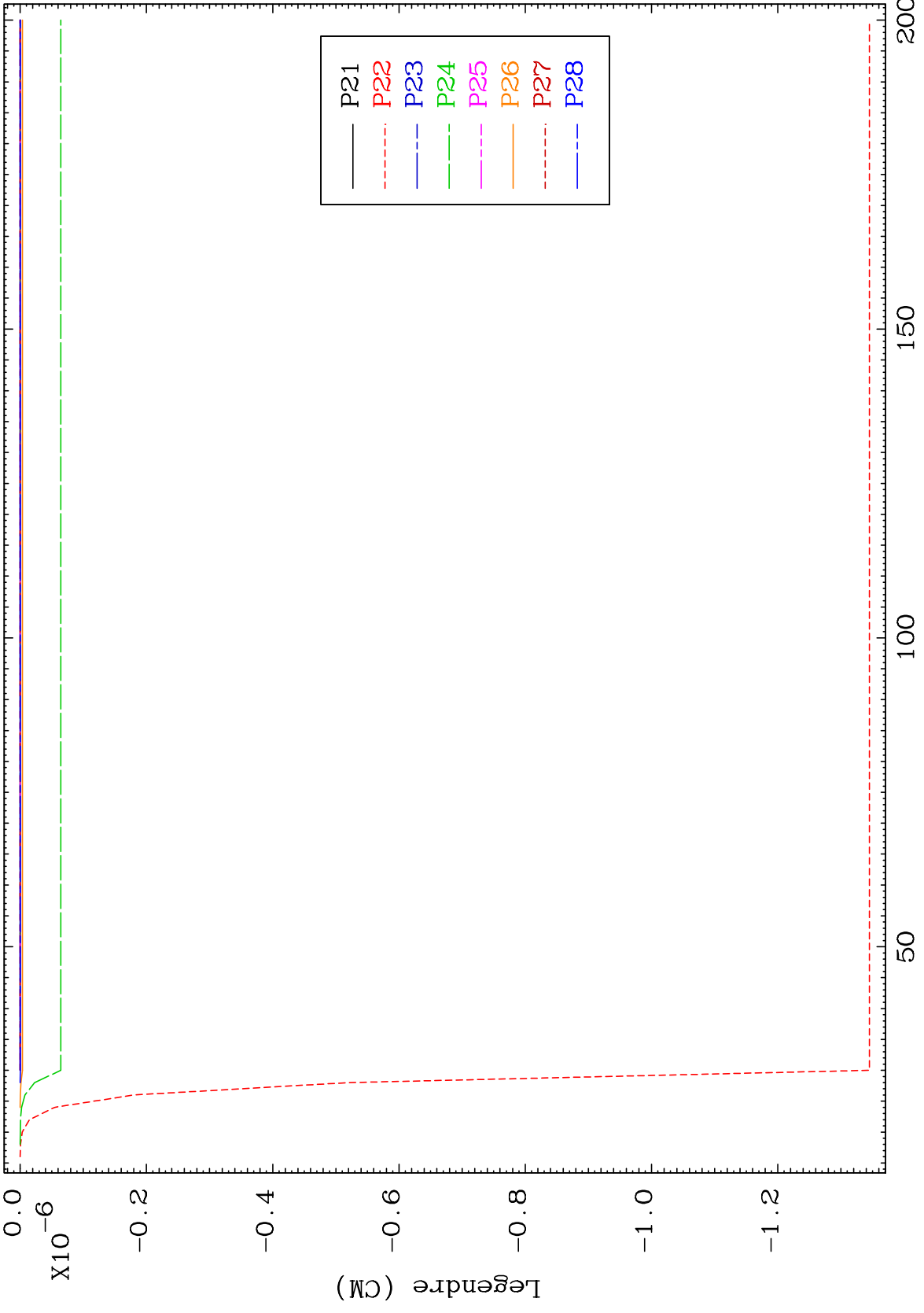
95 Incident Energy (MeV) 74-W -185

MAT 7440 MT= 75 (n,n') Level Legendre Coefficients 74-W -185



96 74-W -185

MAT 7440 MT= 75 (n,n') Level Legendre Coefficients 74-W -185

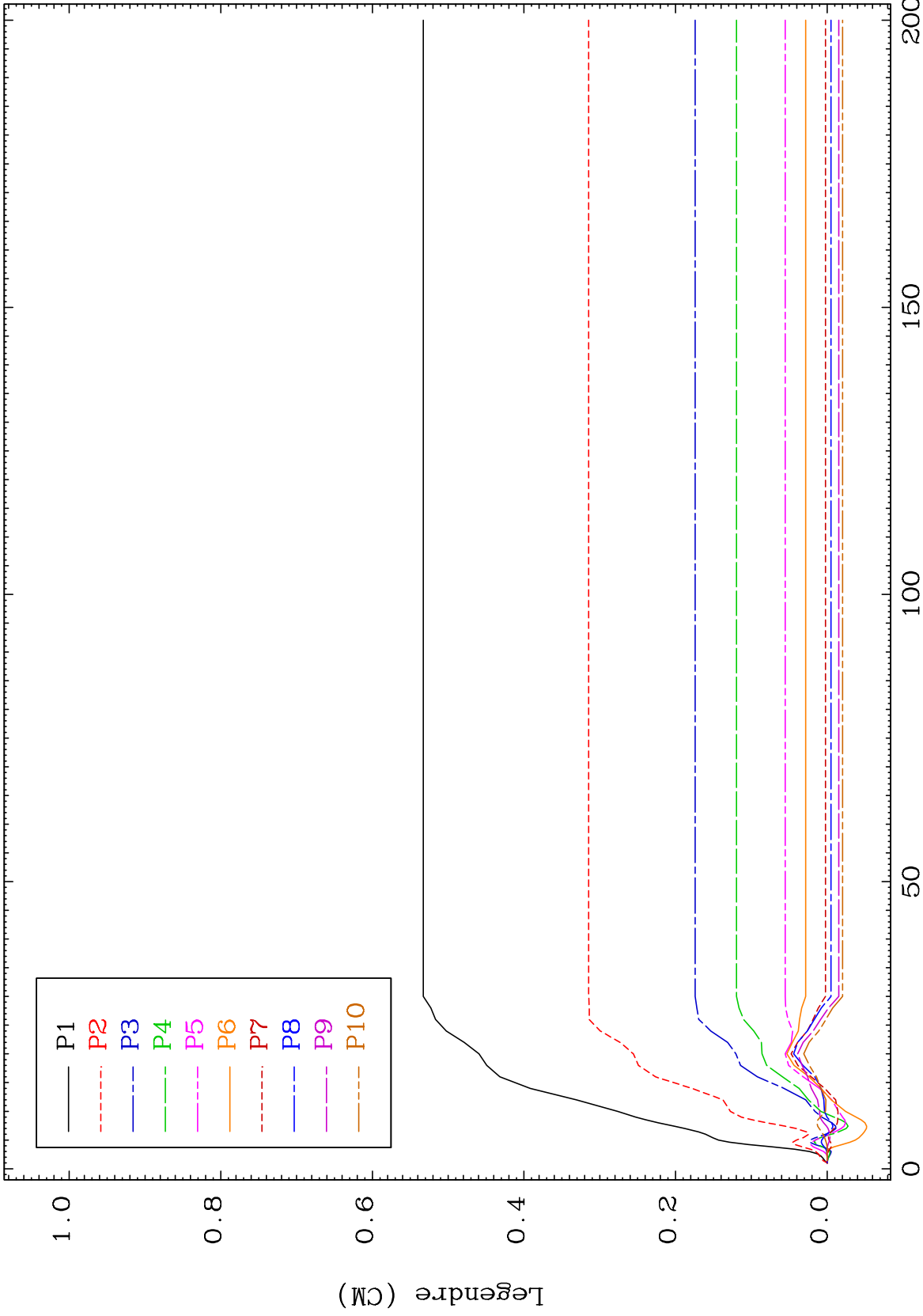


97 74-W -185

MAT 7440

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

74-W -185



98

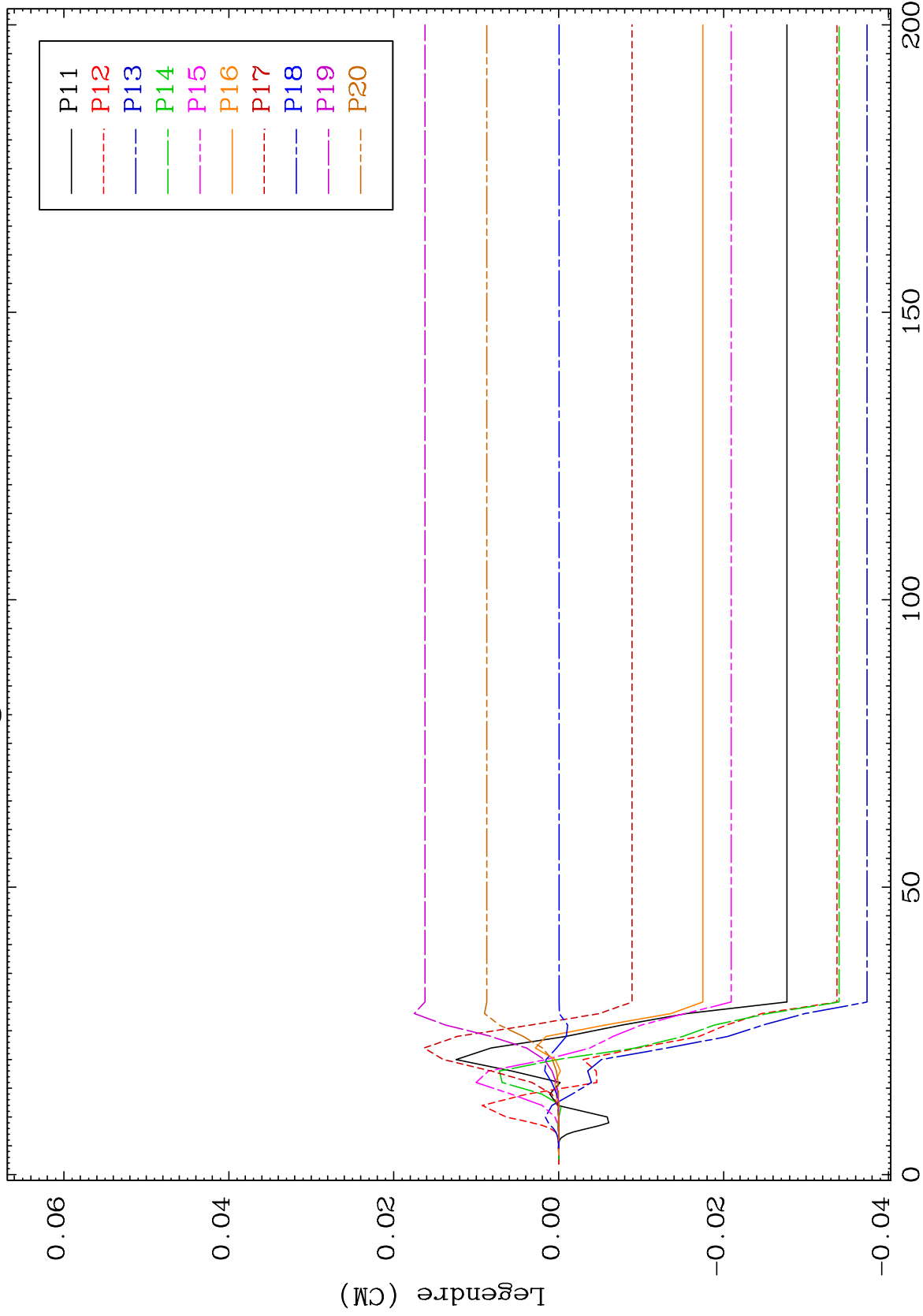
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



99

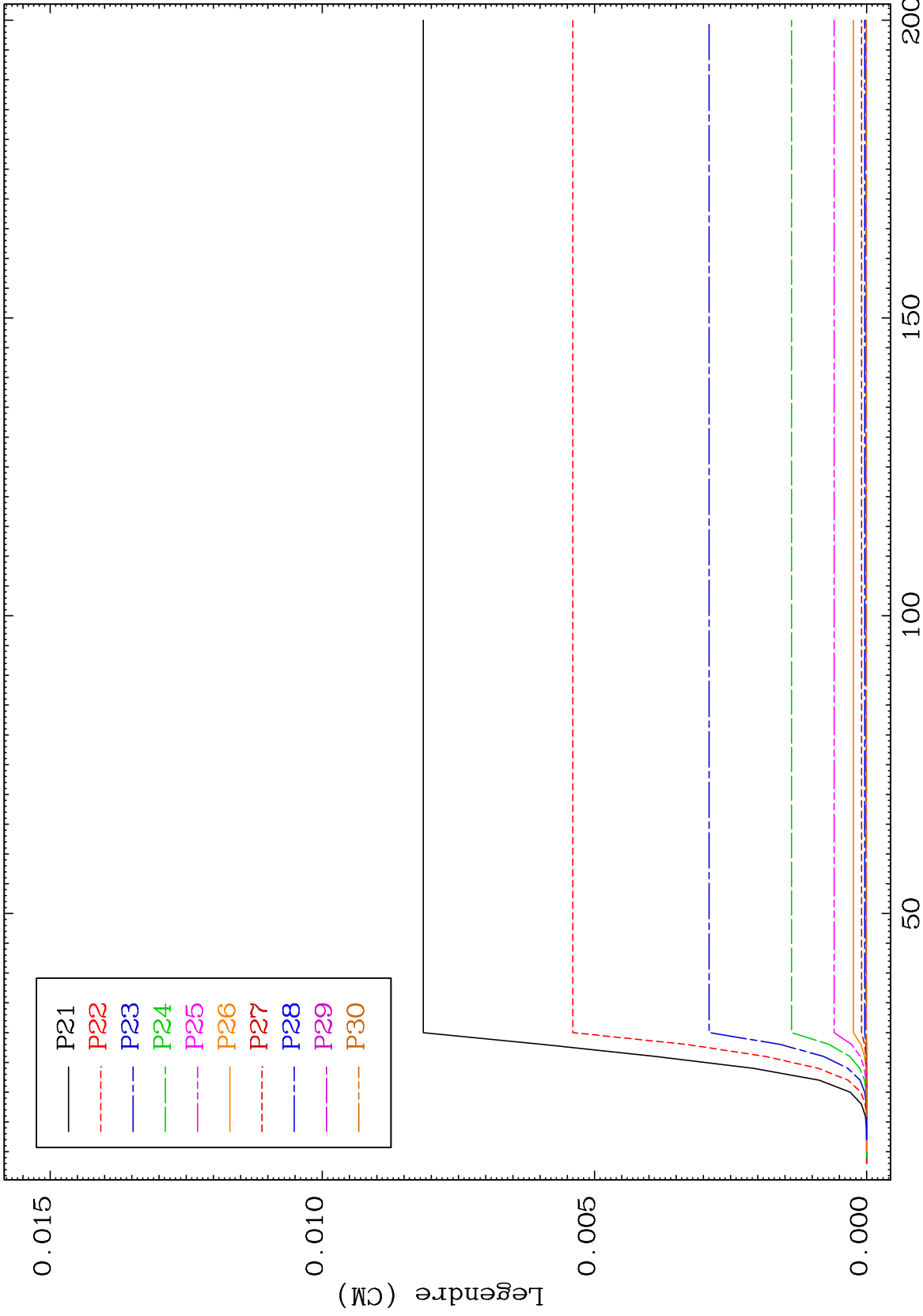
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



100

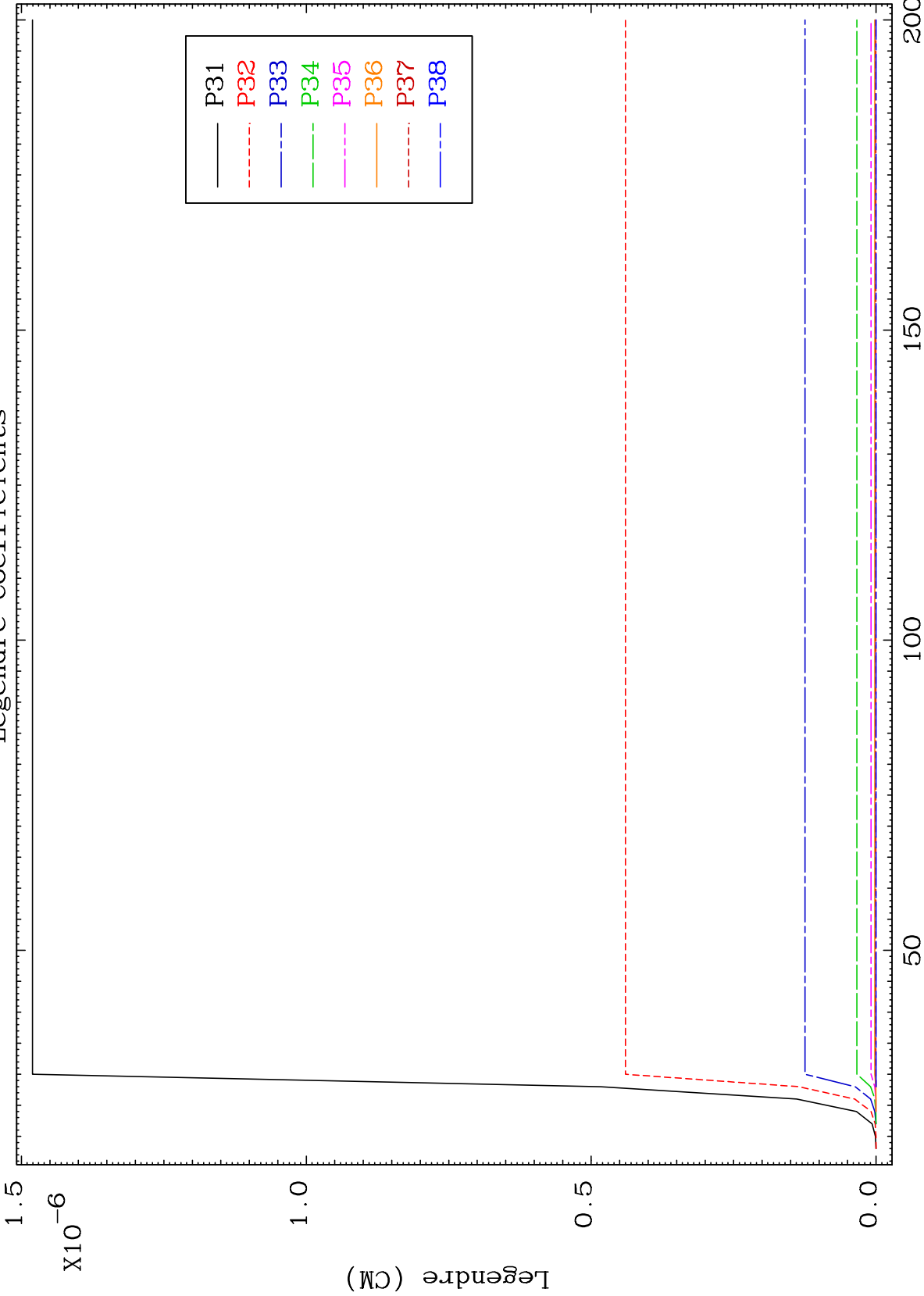
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



101

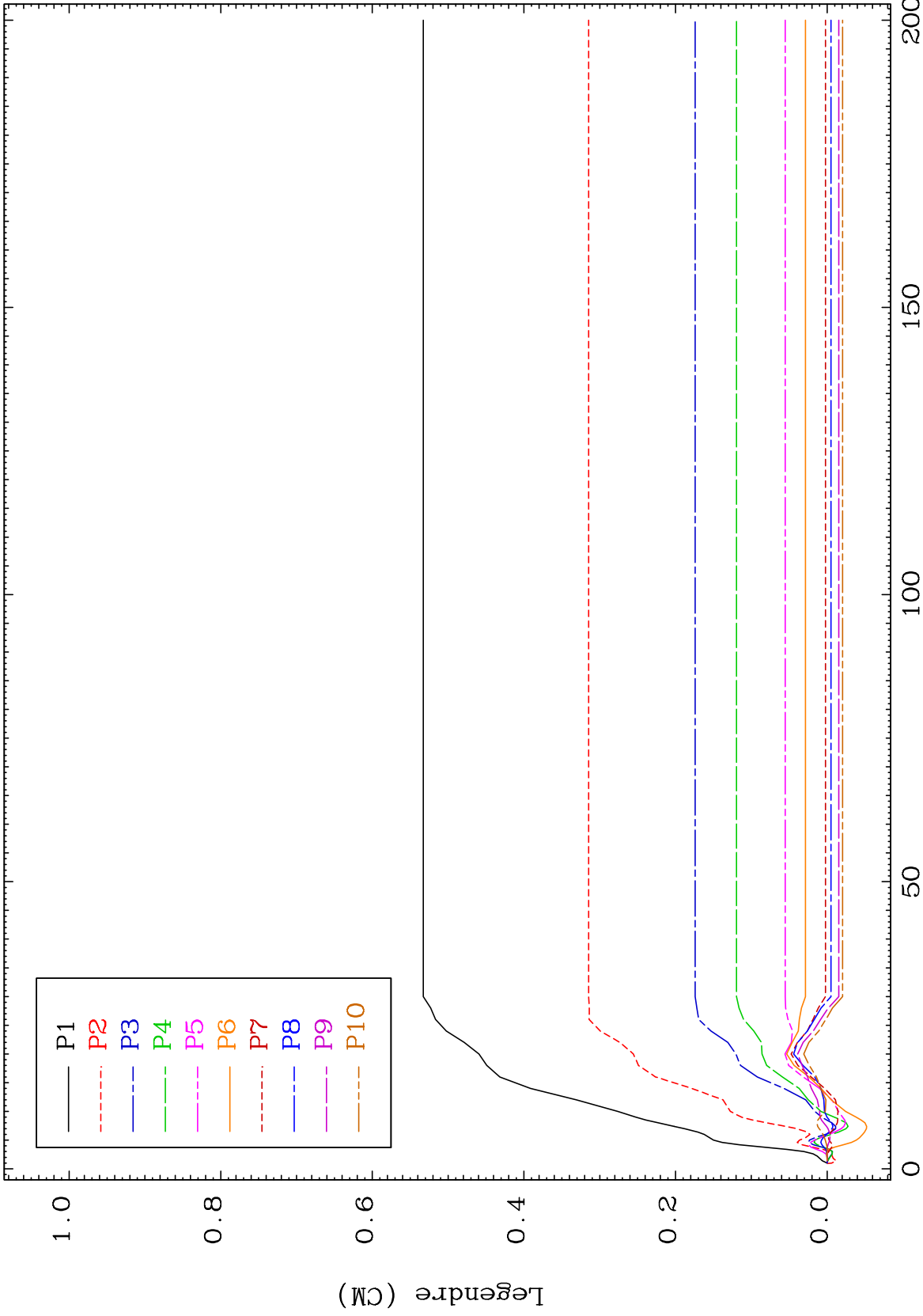
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



102

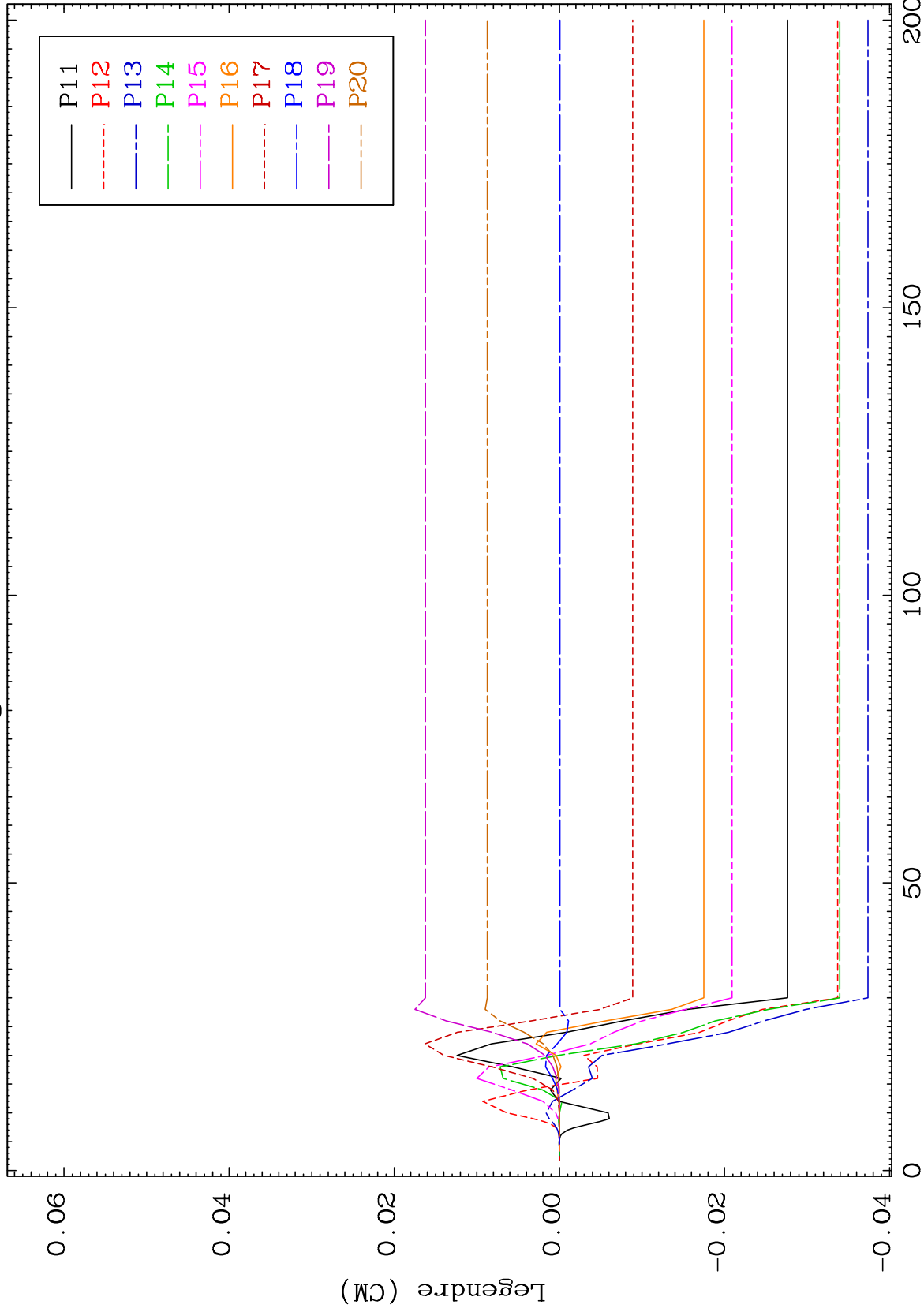
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



103

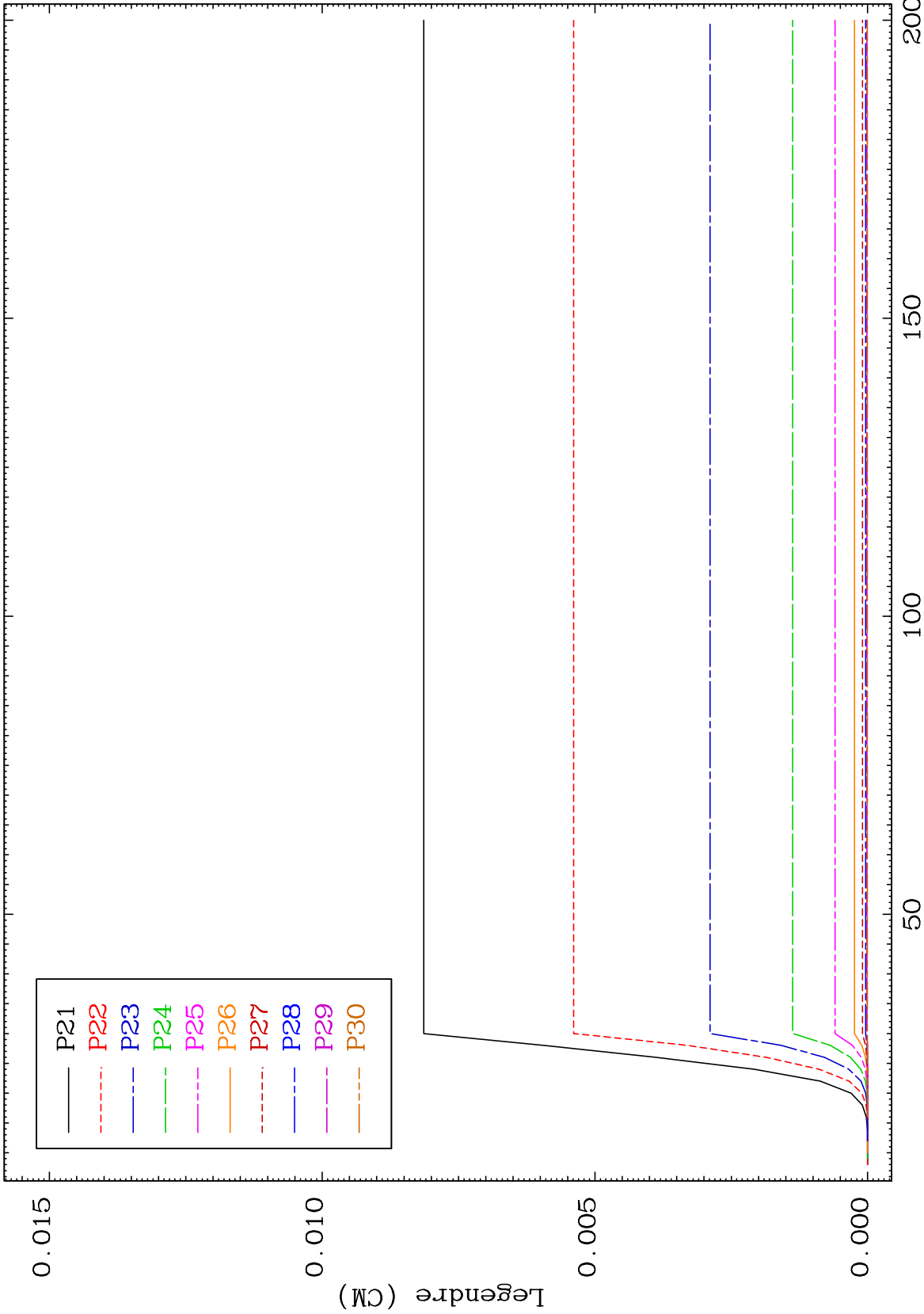
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



104

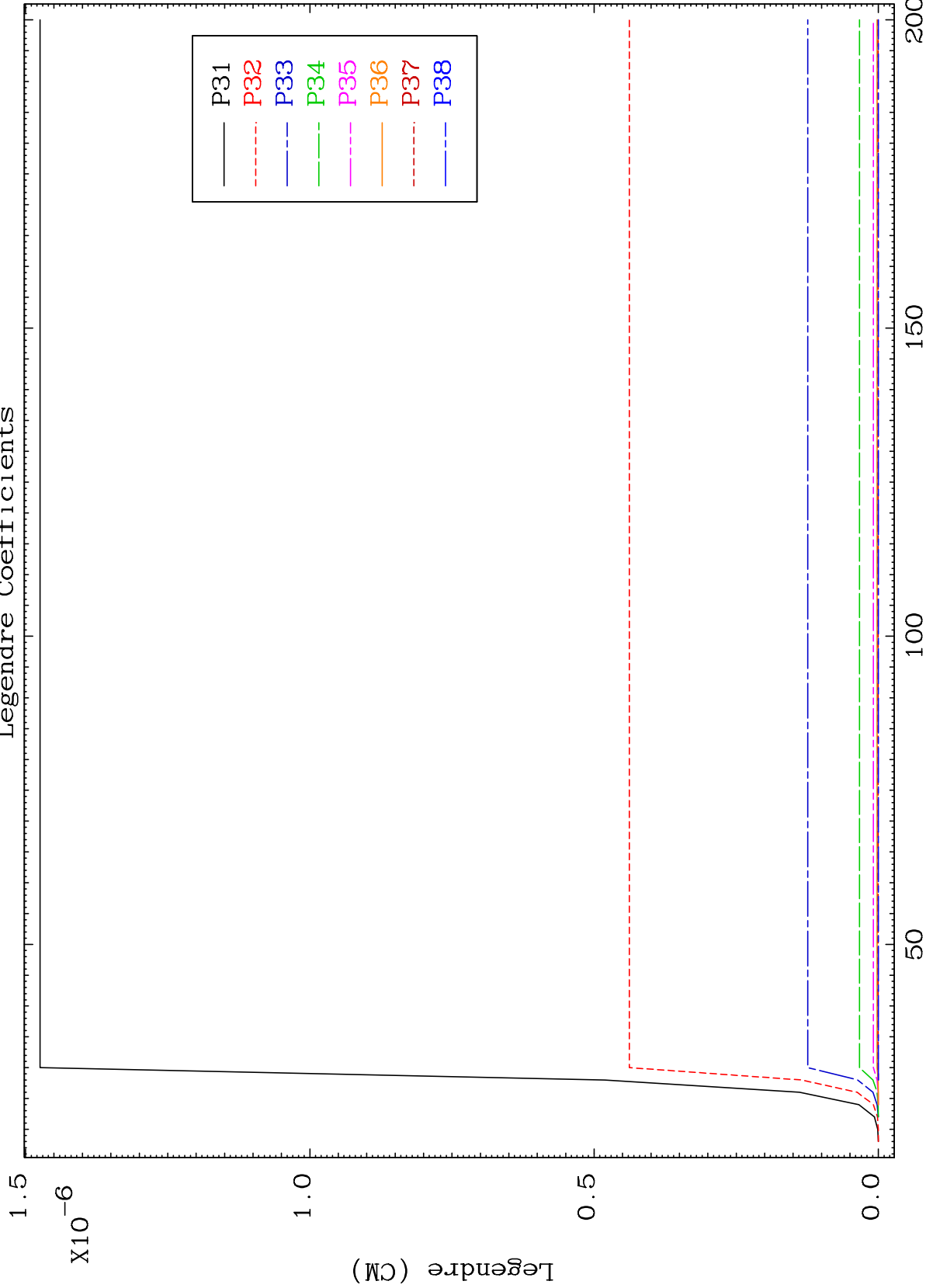
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



74-W -185

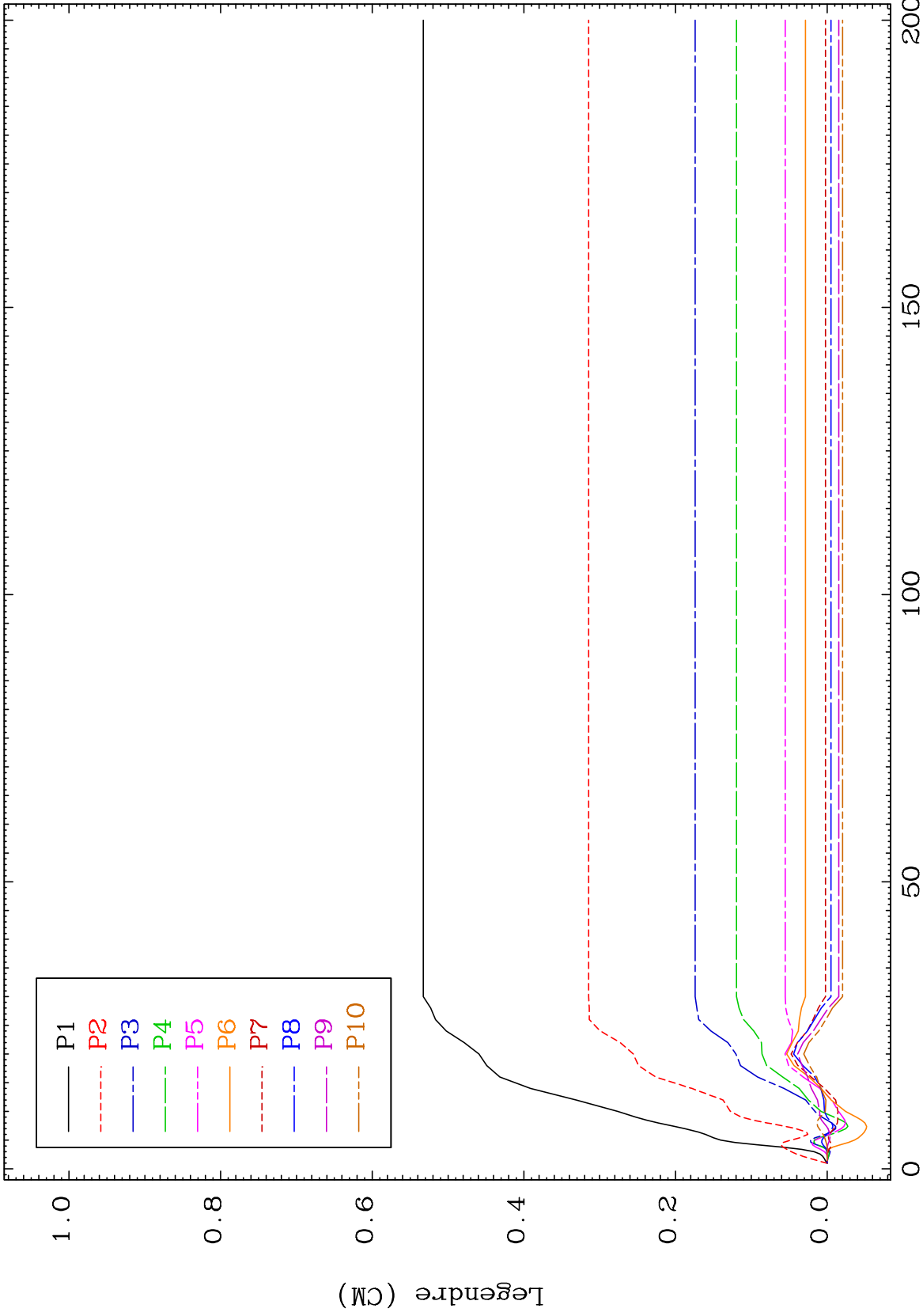
Incident Energy (MeV)

105

MAT 7440

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

74-W -185



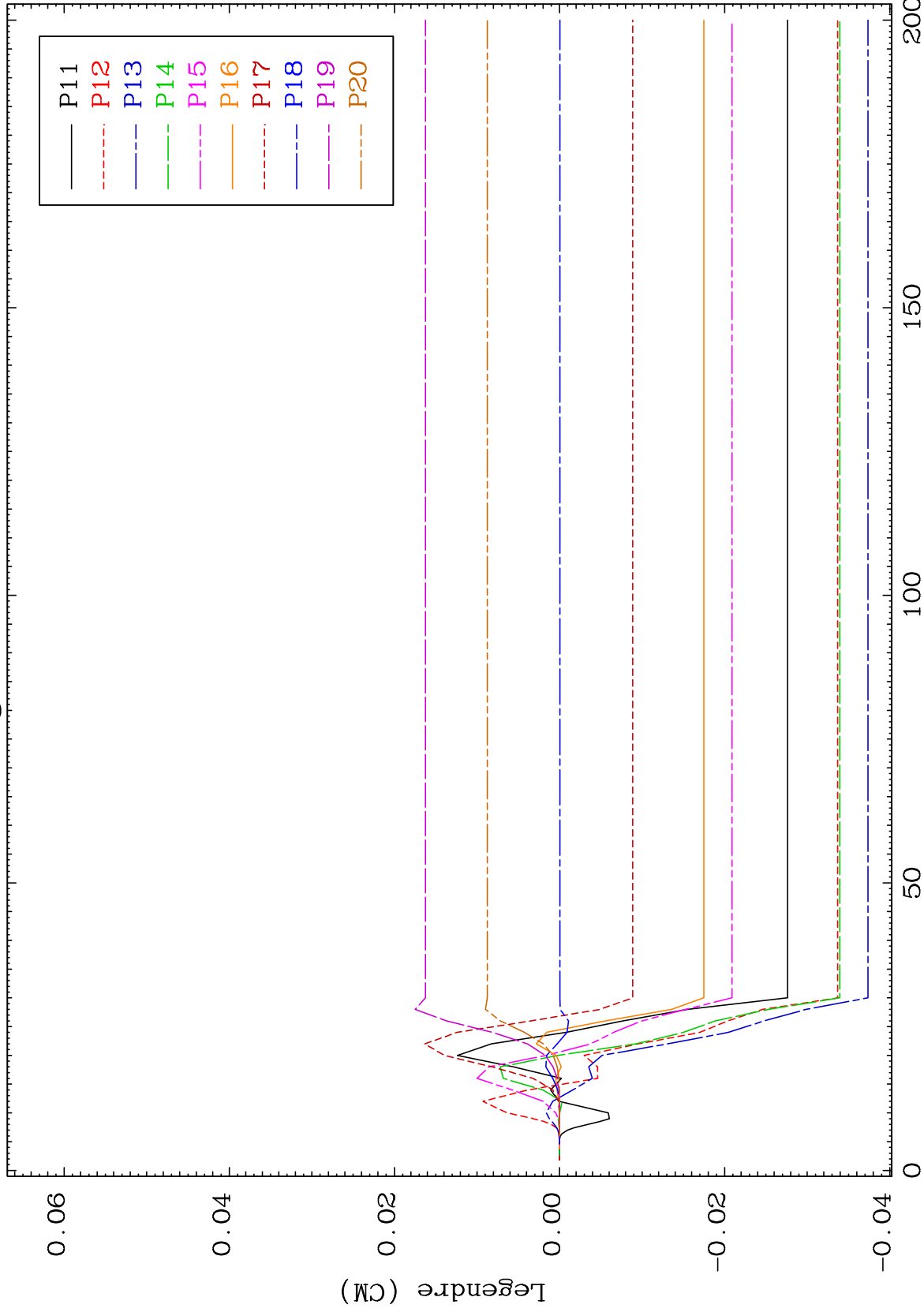
106

74-W -185

MAT 7440

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

74-W -185



107

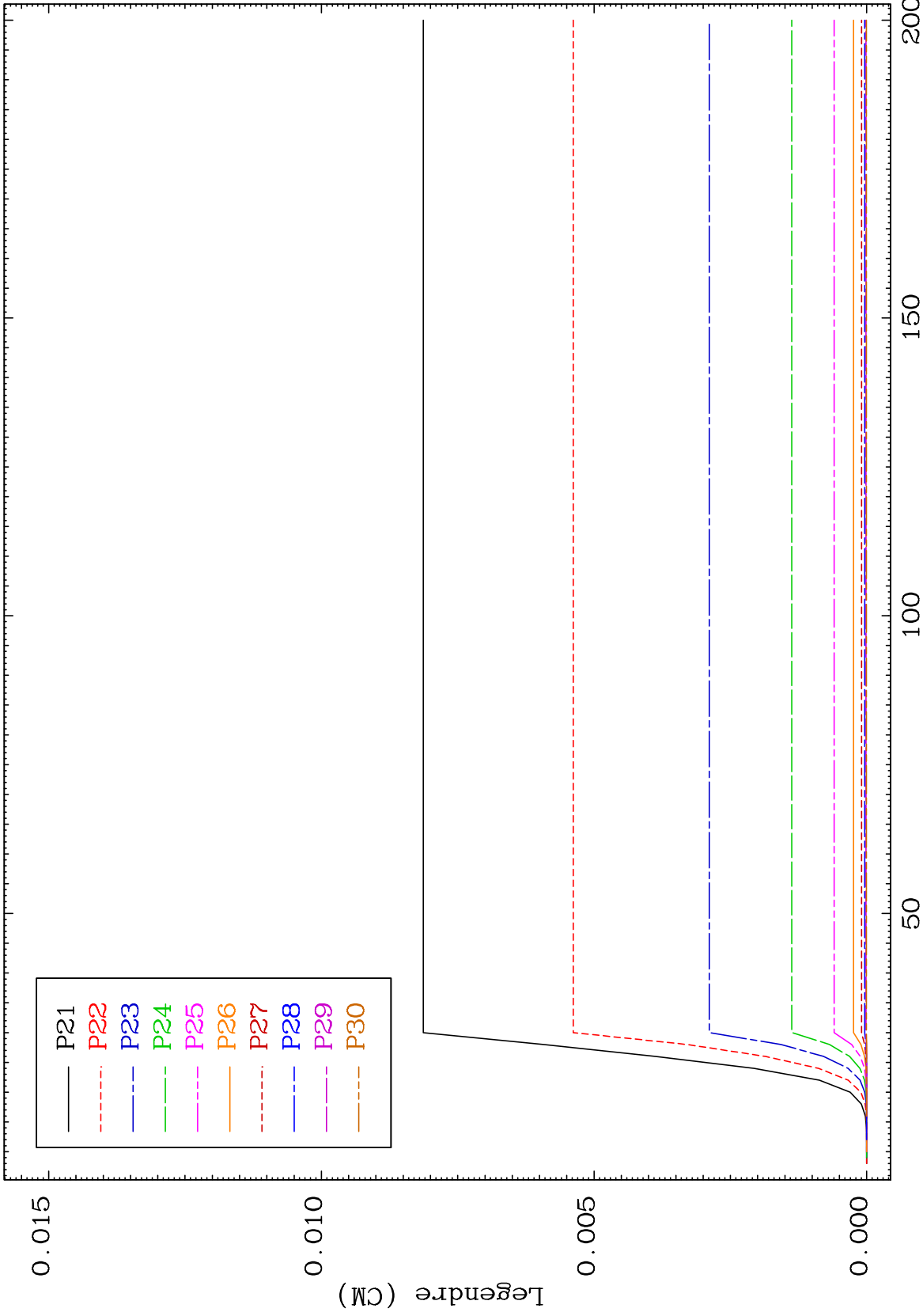
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



108

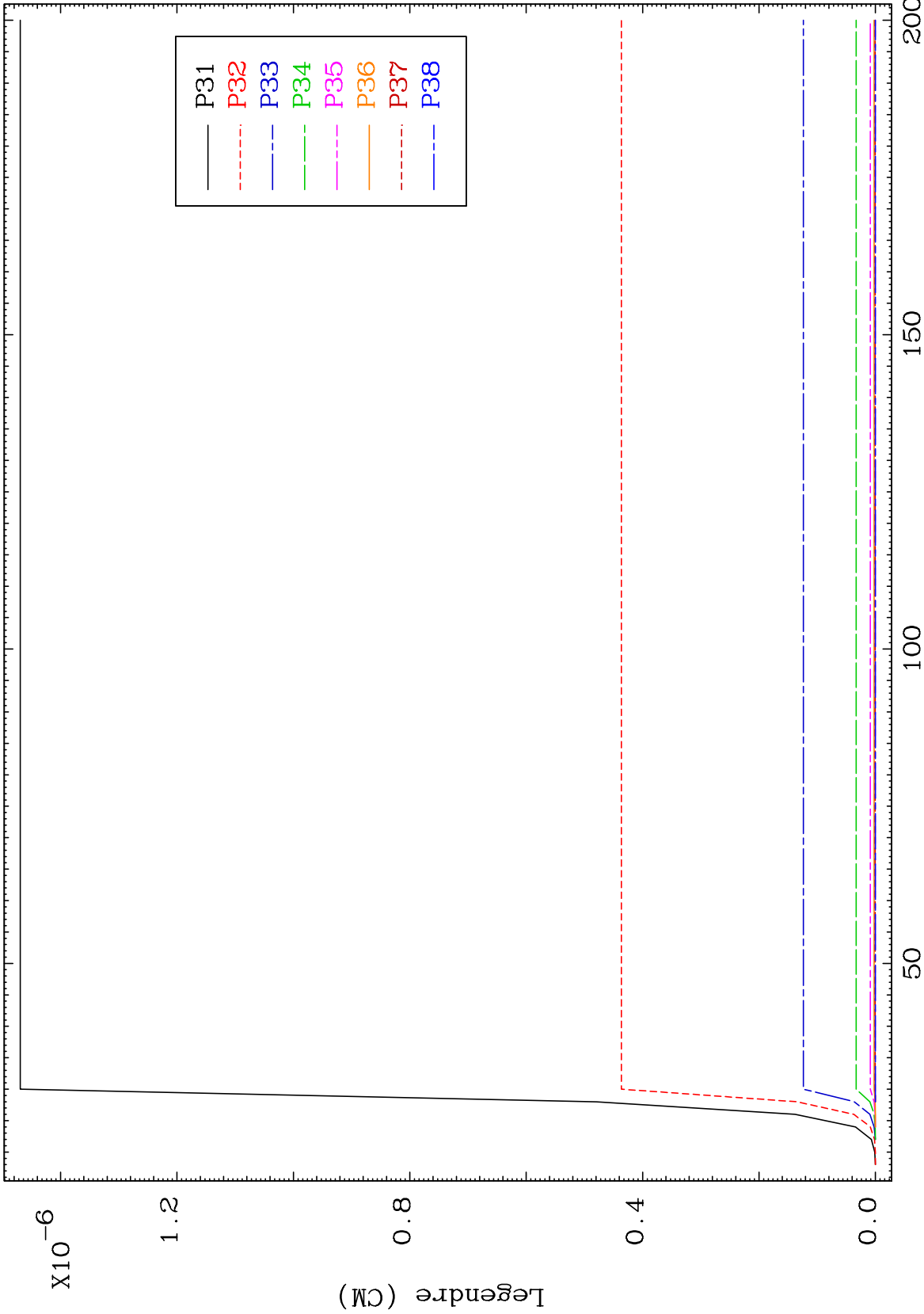
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



109

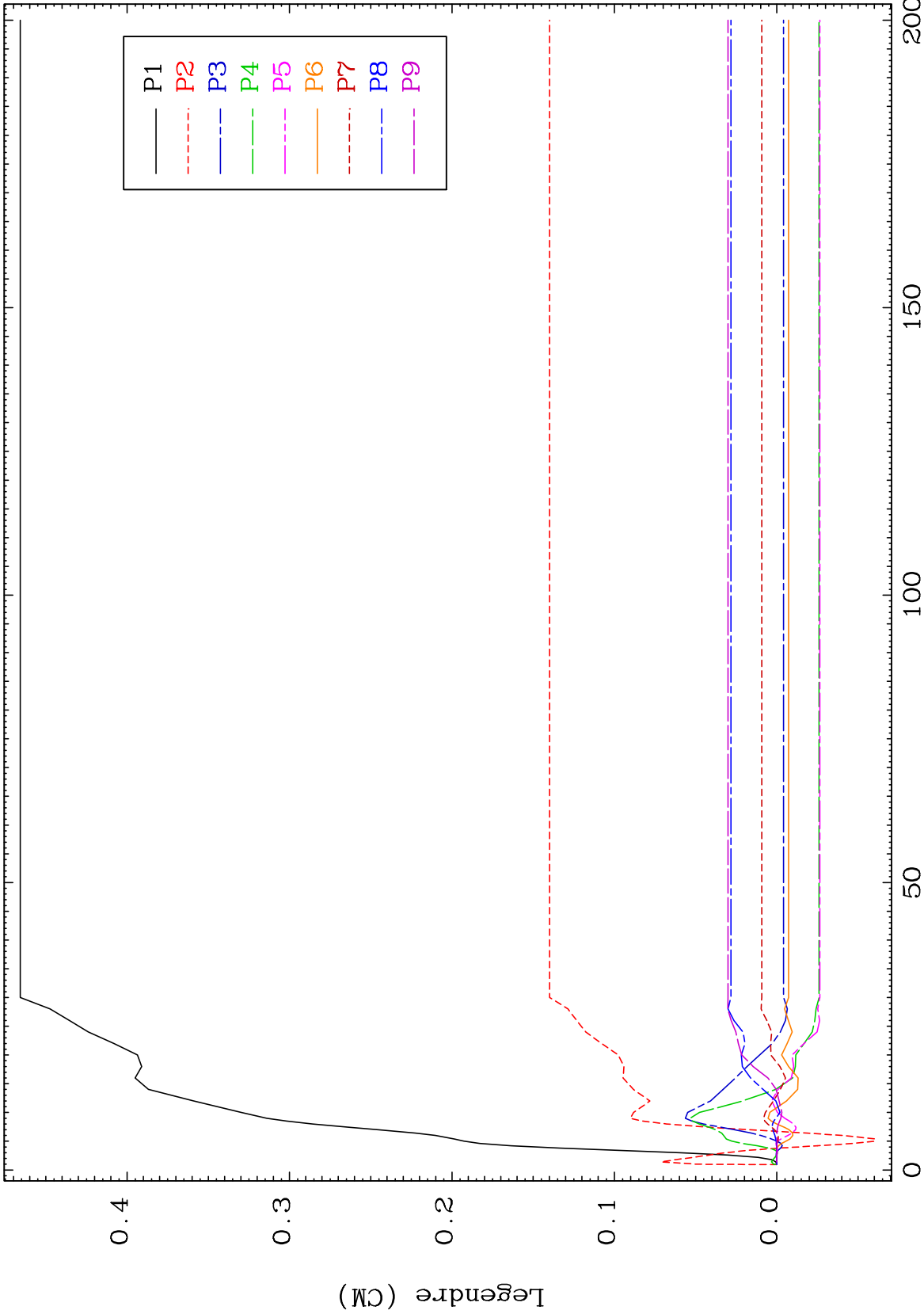
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



74-W -185

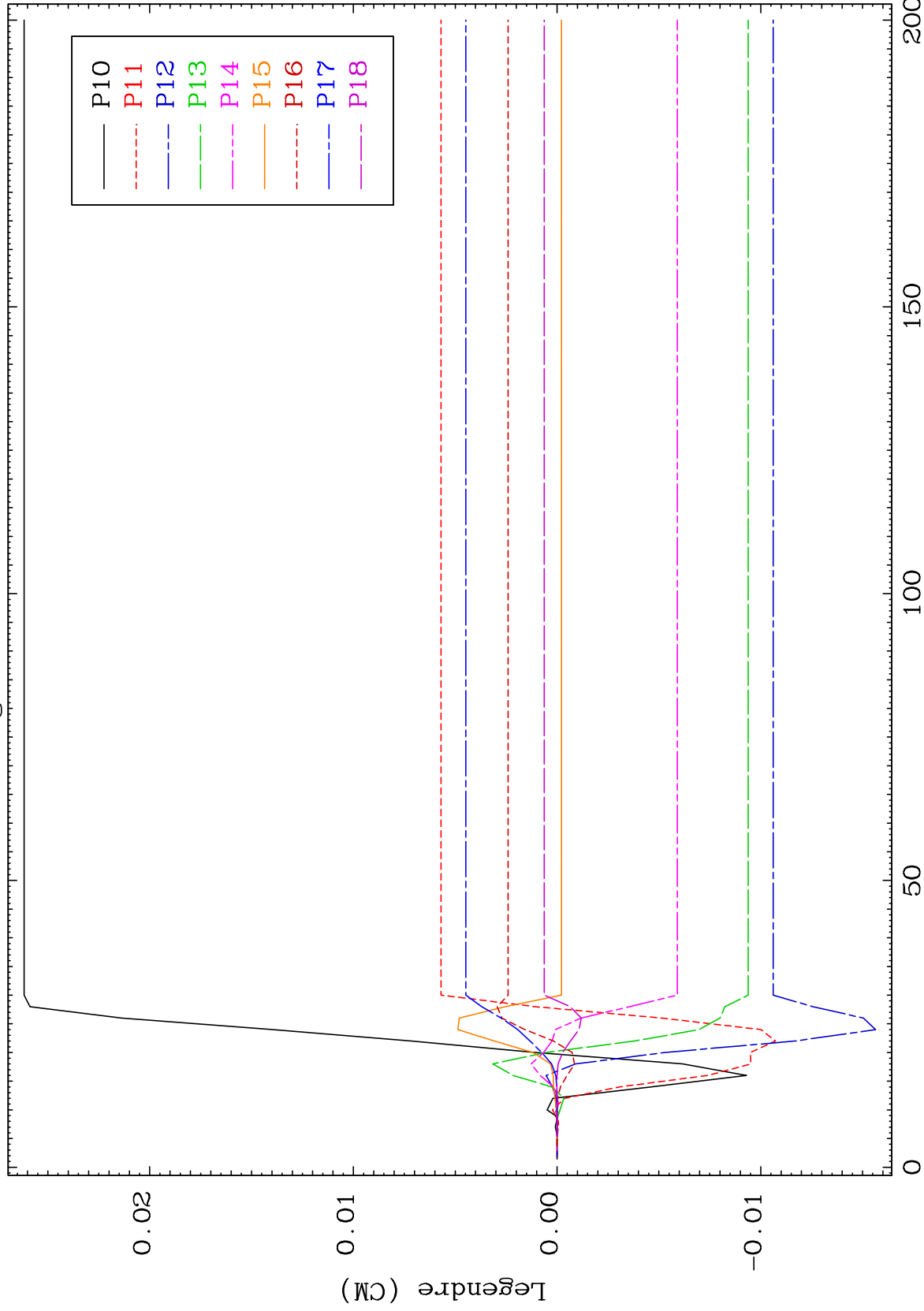
Incident Energy (MeV)

Legendre (CM)

MAT 7440

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

74-W -185



111

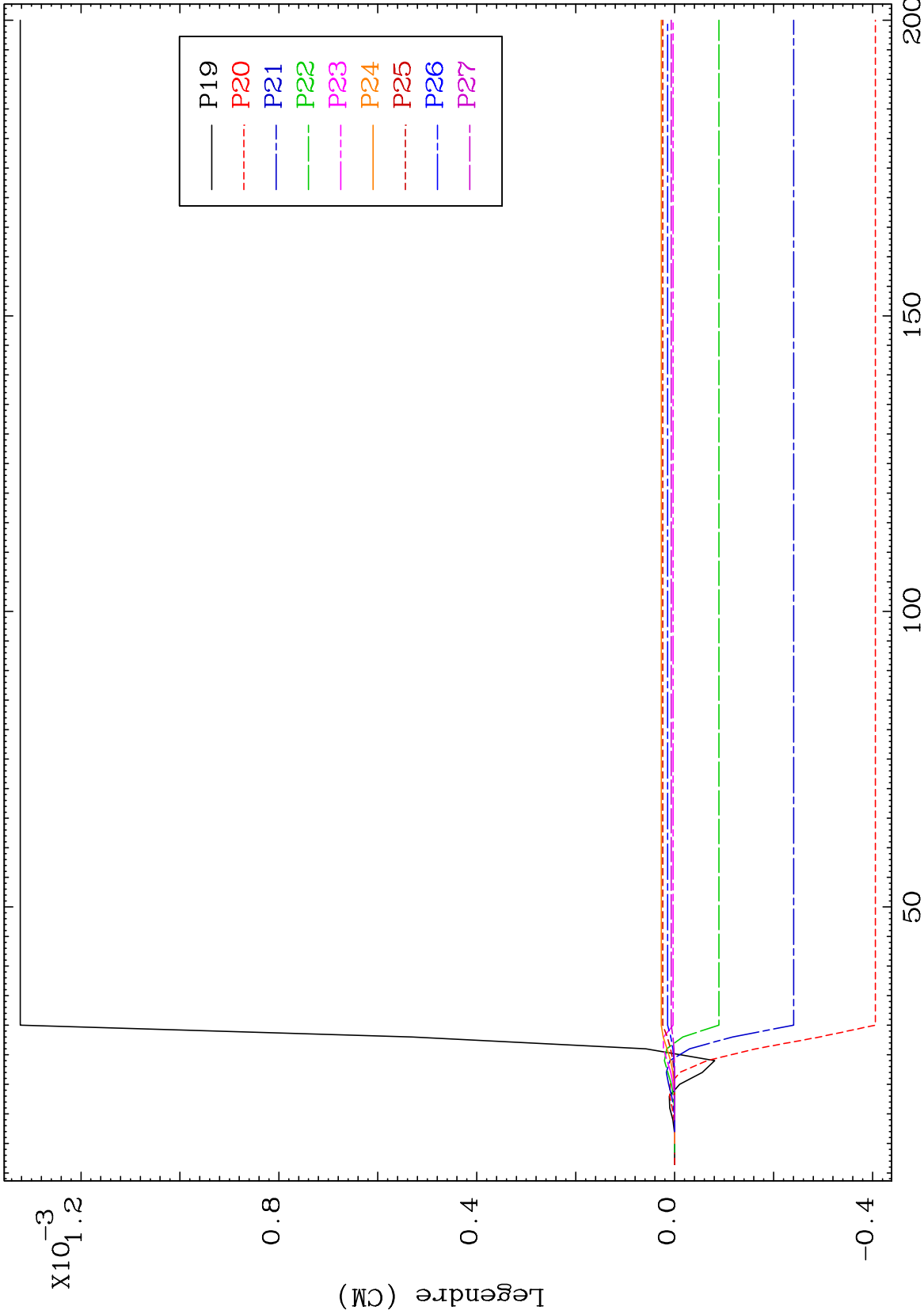
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



112

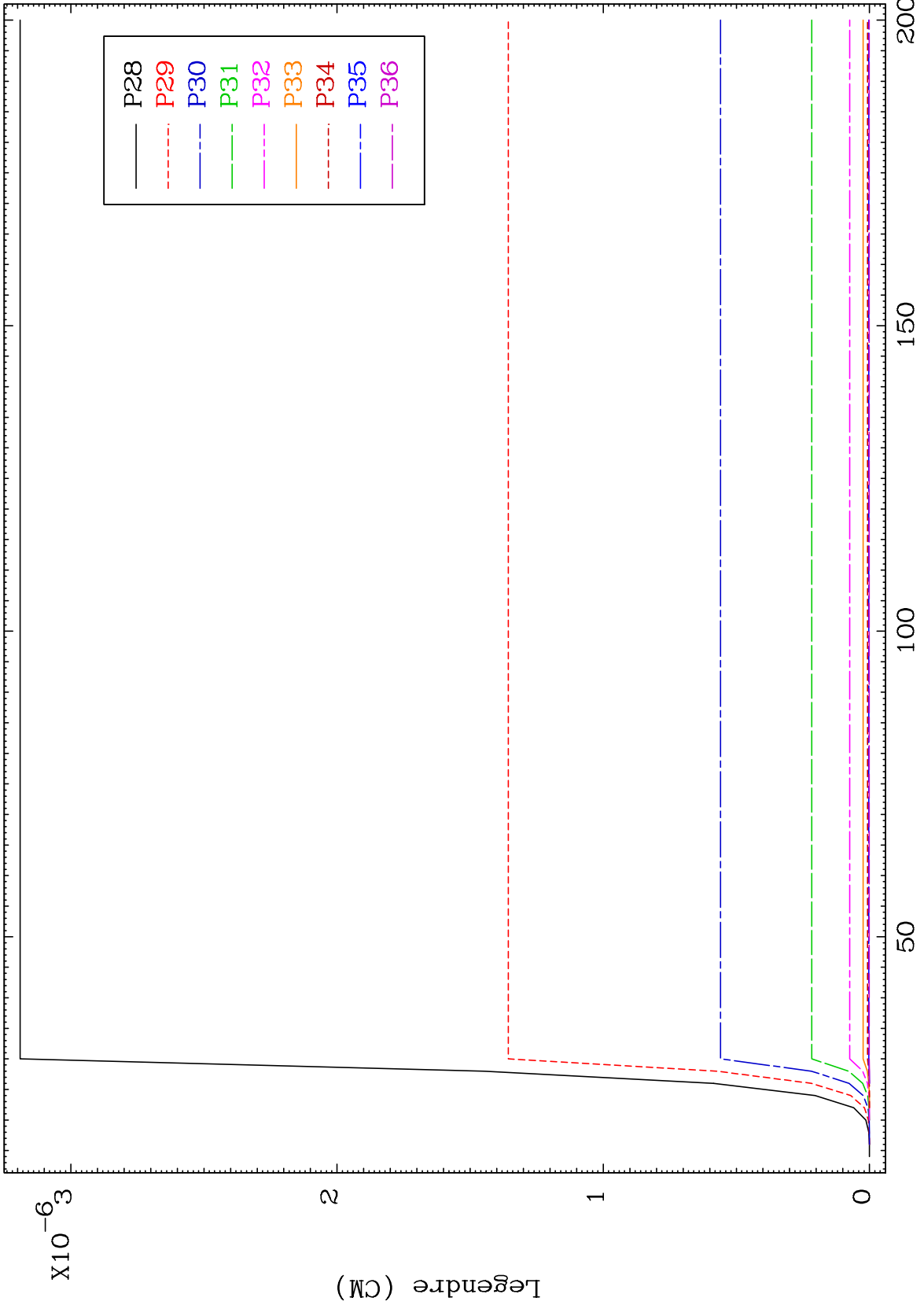
Incident Energy (MeV)

74-W -185

MAT 7440

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

74-W -185



113

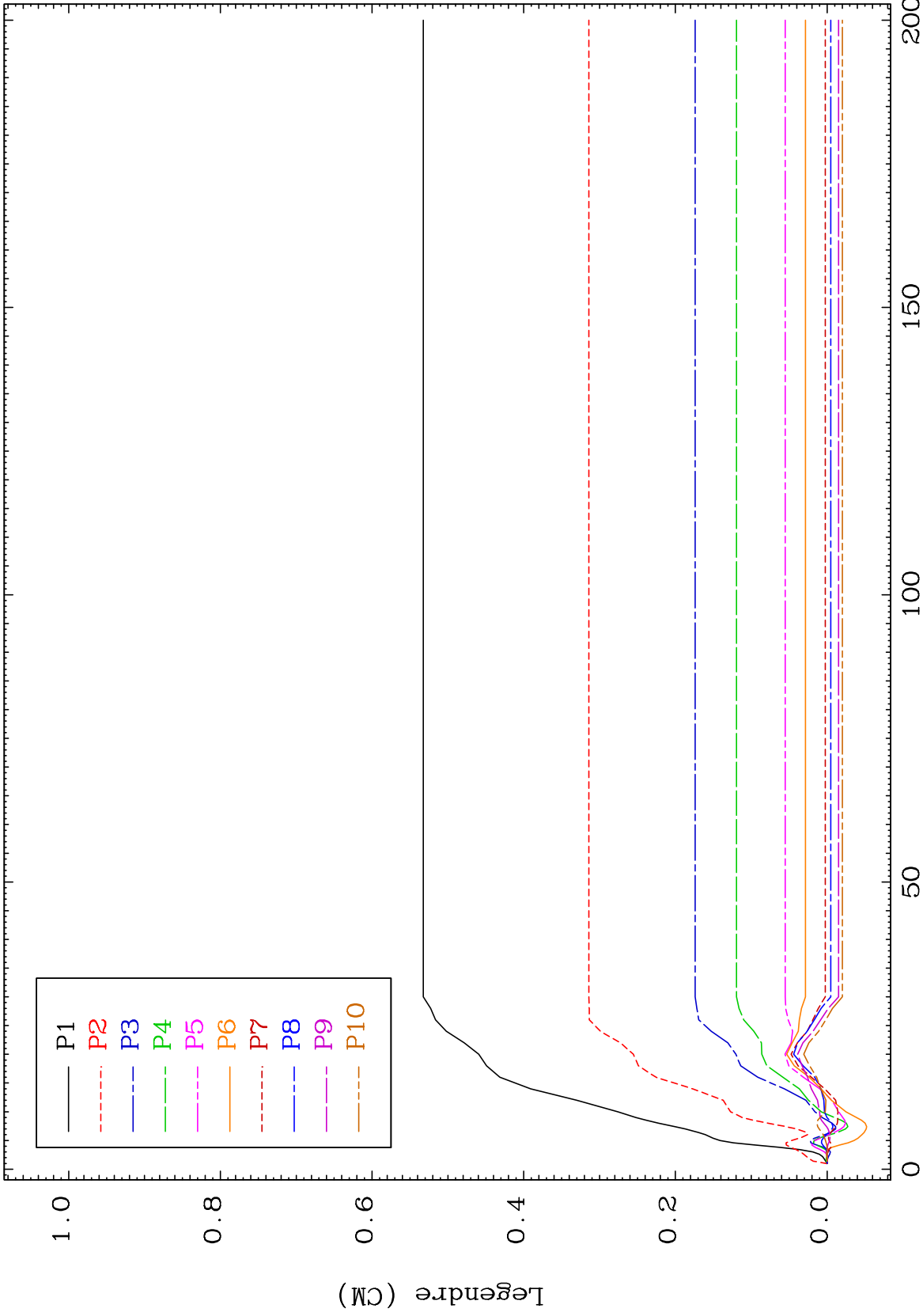
Incident Energy (MeV)

74-W -185

MAT 7440

MT= 80 (n,n') Level
Legendre Coefficients

74-W -185



114

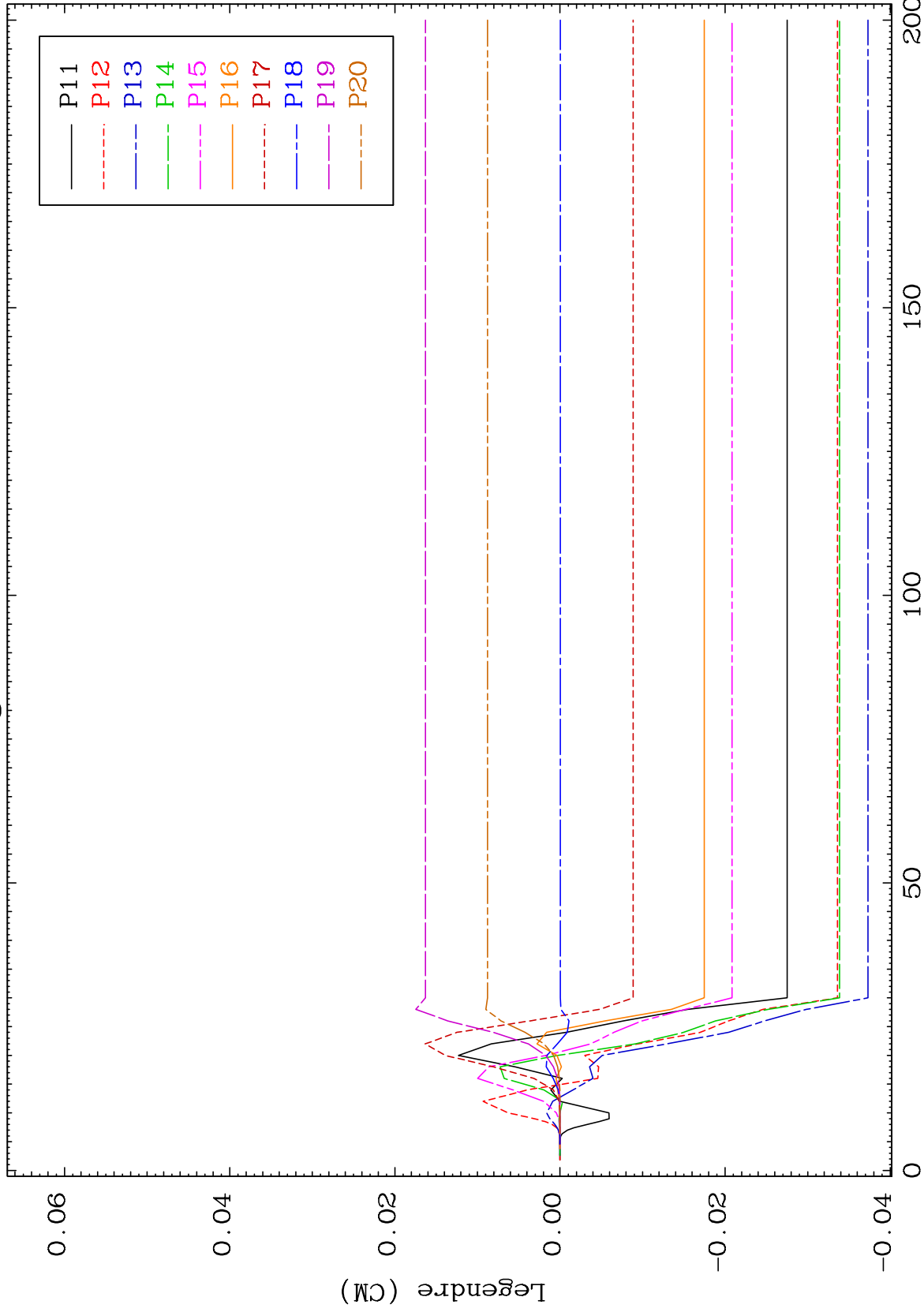
Incident Energy (MeV)

74-W -185

MAT 7440

MT= 80 (n,n') Level
Legendre Coefficients

74-W -185



115

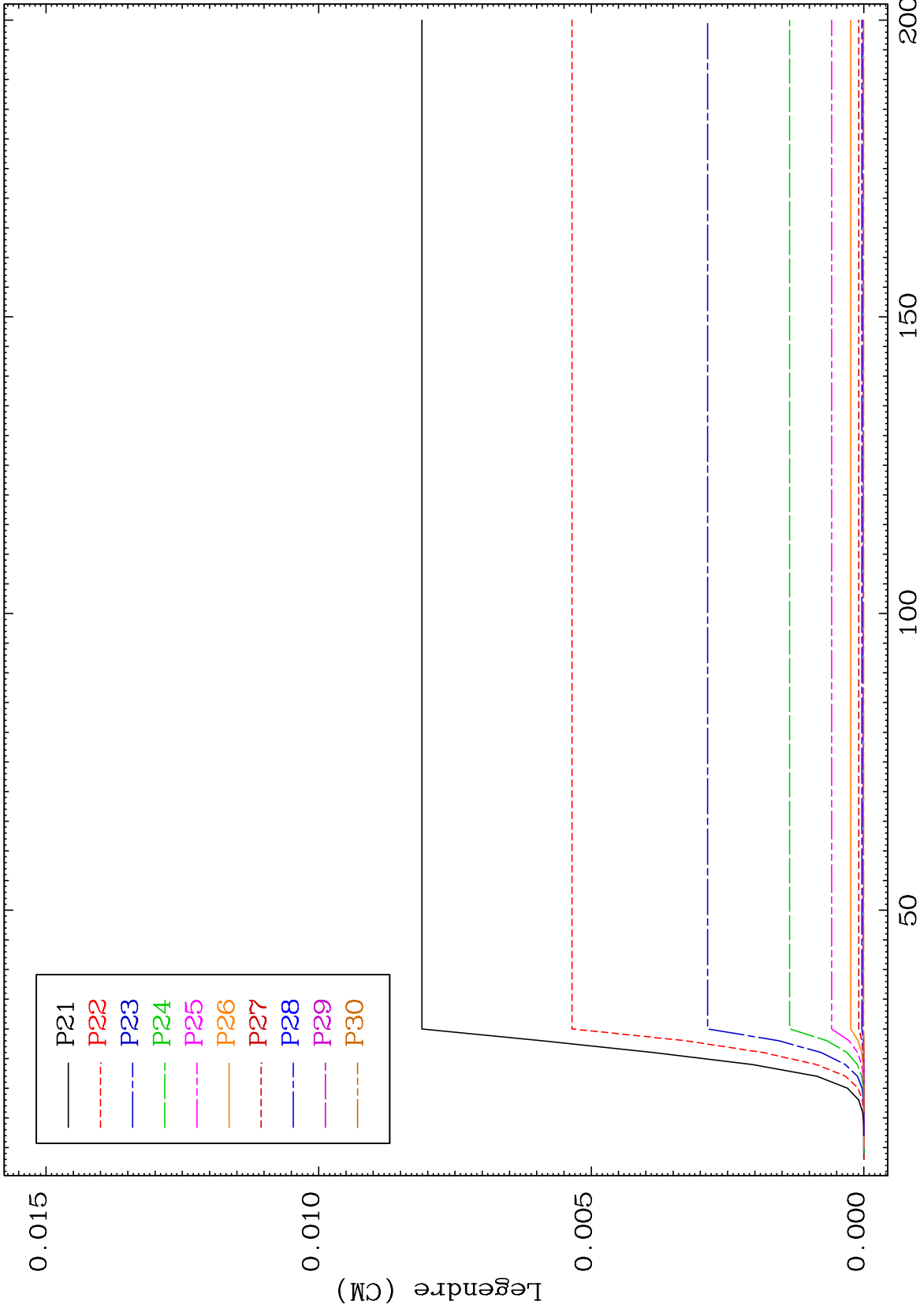
Incident Energy (MeV)

74-W -185

MAT 7440

MT= 80 (n,n') Level
Legendre Coefficients

74-W -185



116

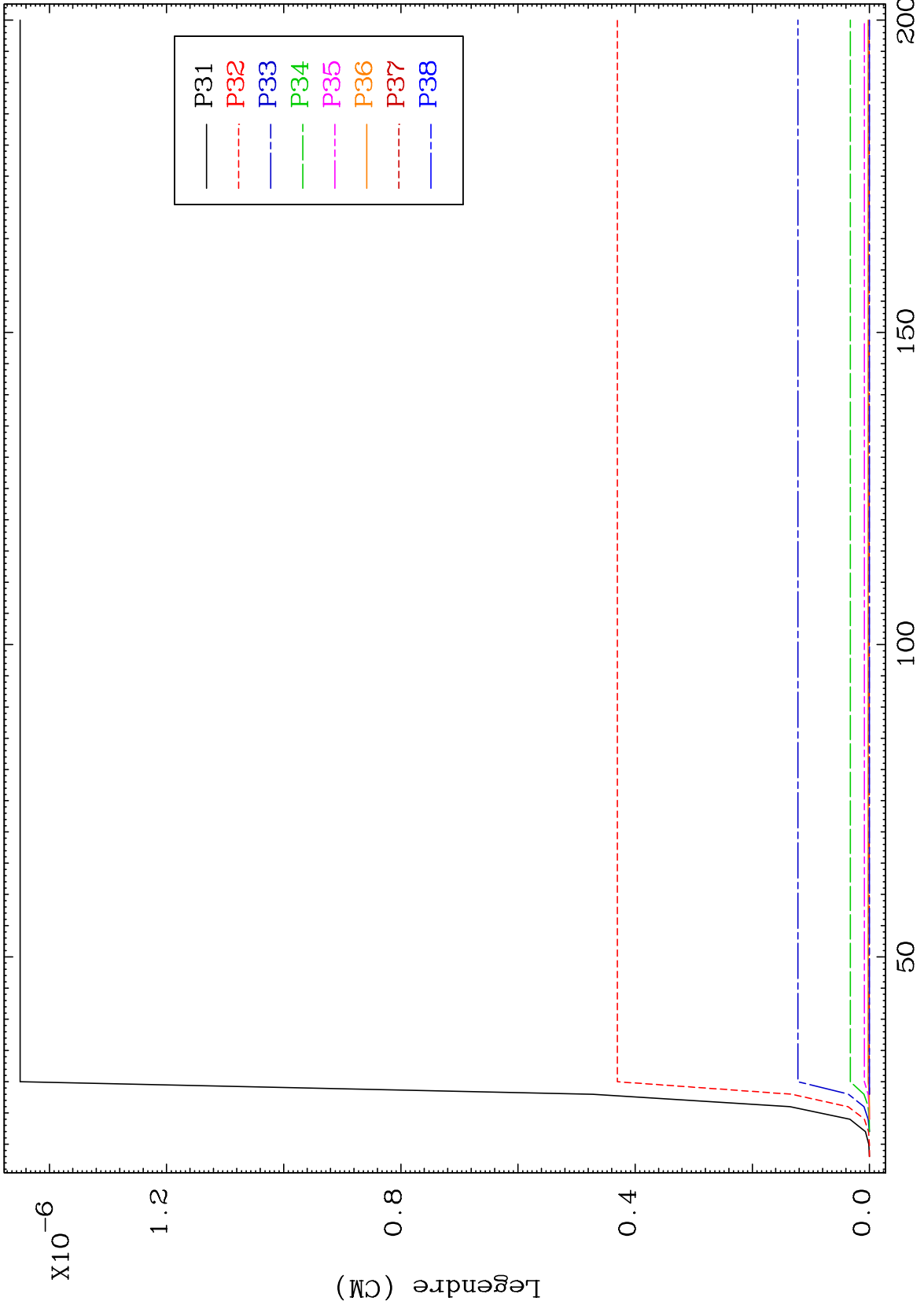
Incident Energy (MeV)

74-W -185

MAT 7440

MT= 80 (n,n') Level
Legendre Coefficients

74-W -185



117

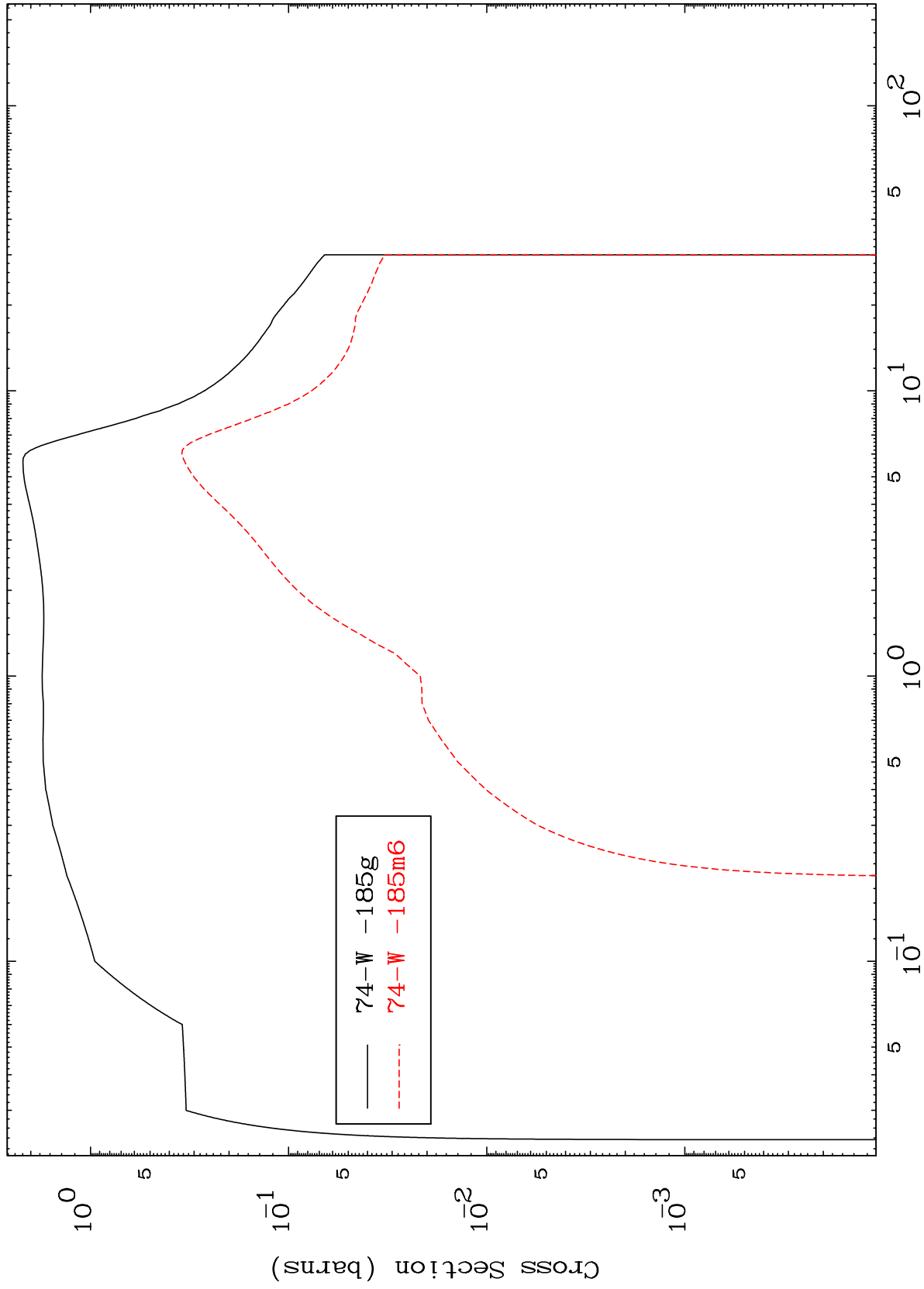
Incident Energy (MeV)

74-W -185

MAT 7440

Inelastic
Radionuclide Production Cross Section

74-W -185



118

Incident Energy (MeV)

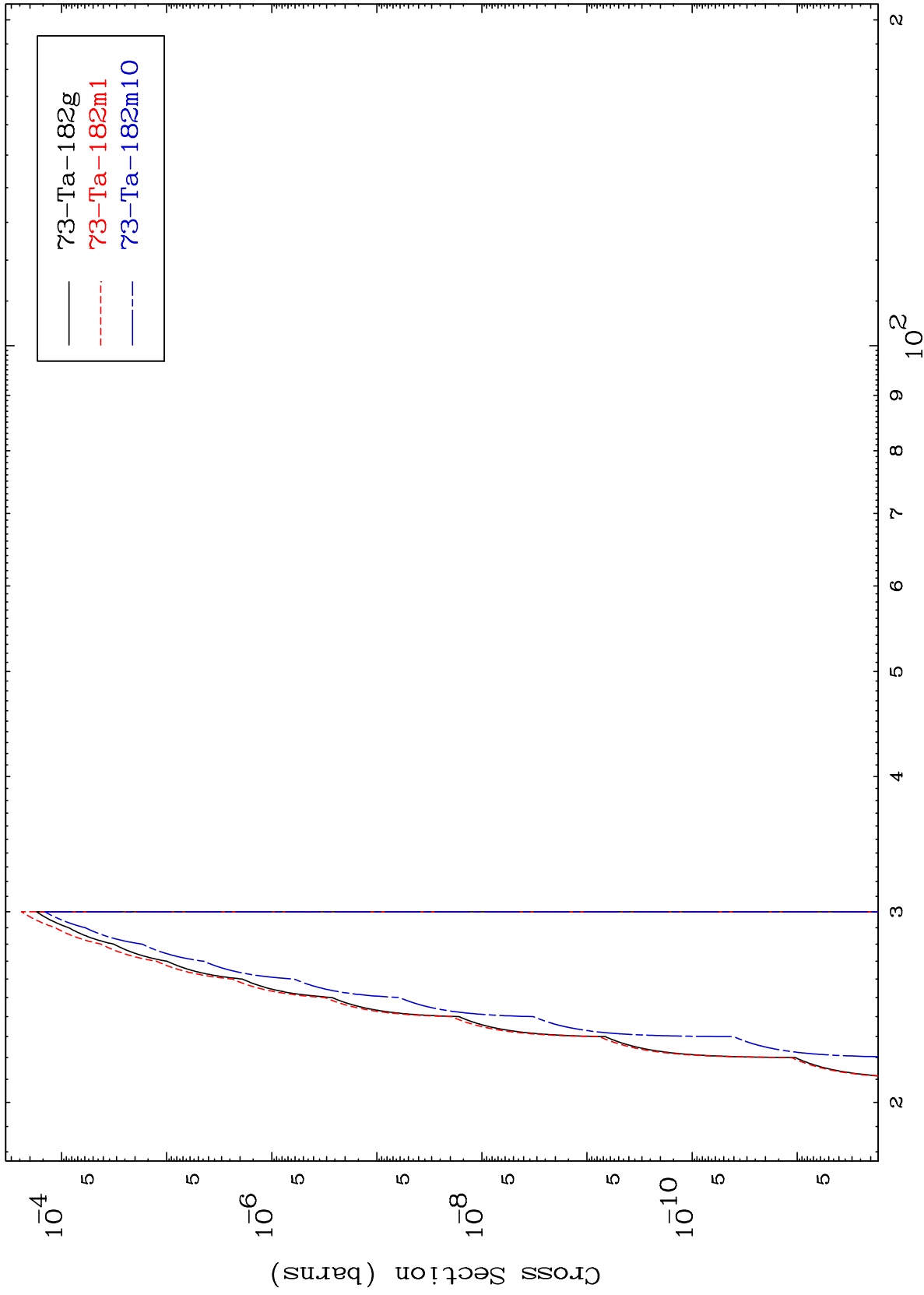
74-W -185

MAT 7440

(n,2n) d

74-W -185

Radionuclide Production Cross Section



119

Incident Energy (MeV)

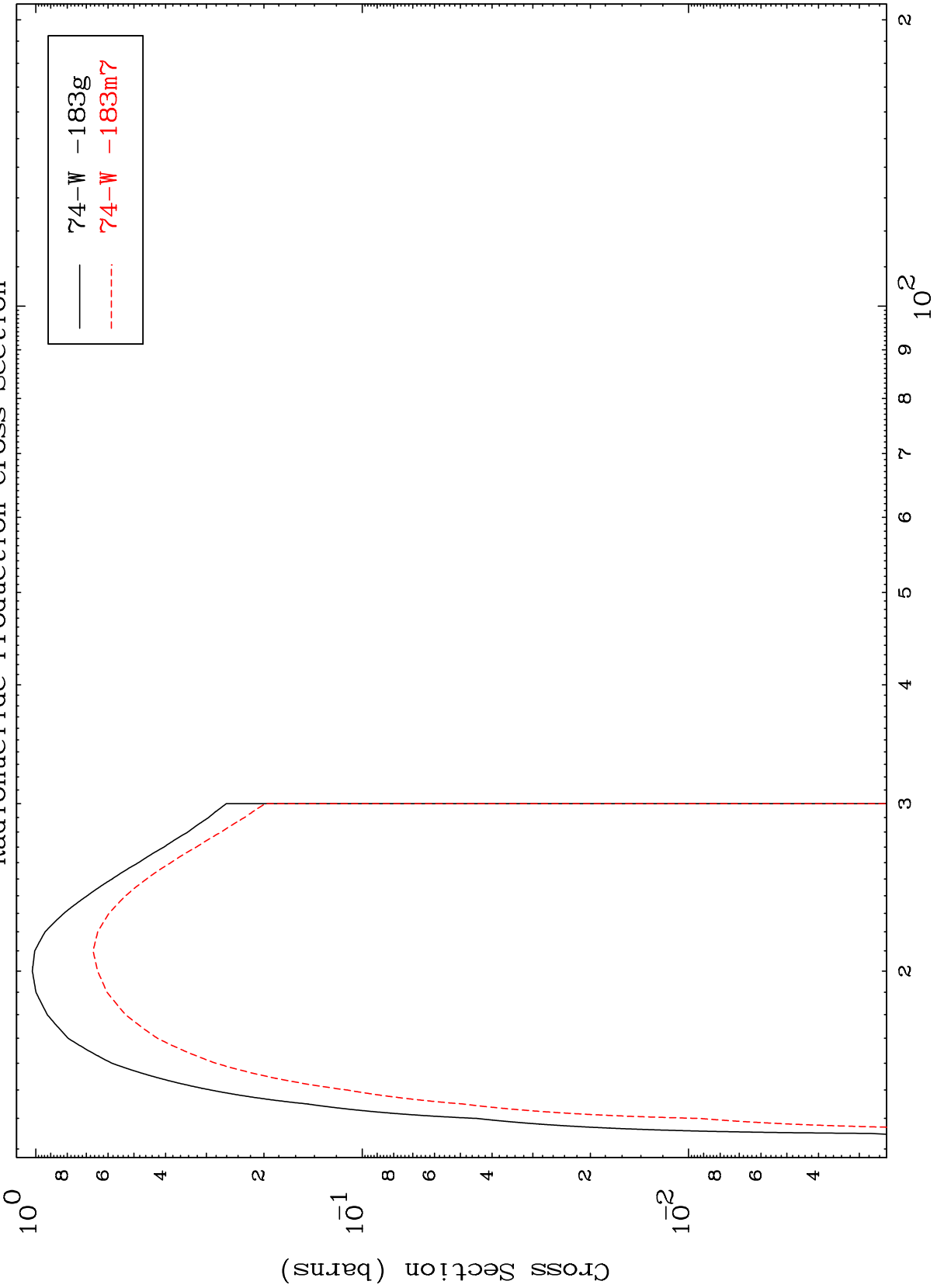
74-W -185

MAT 7440

(n,3n)

74-W -185

Radionuclide Production Cross Section



120

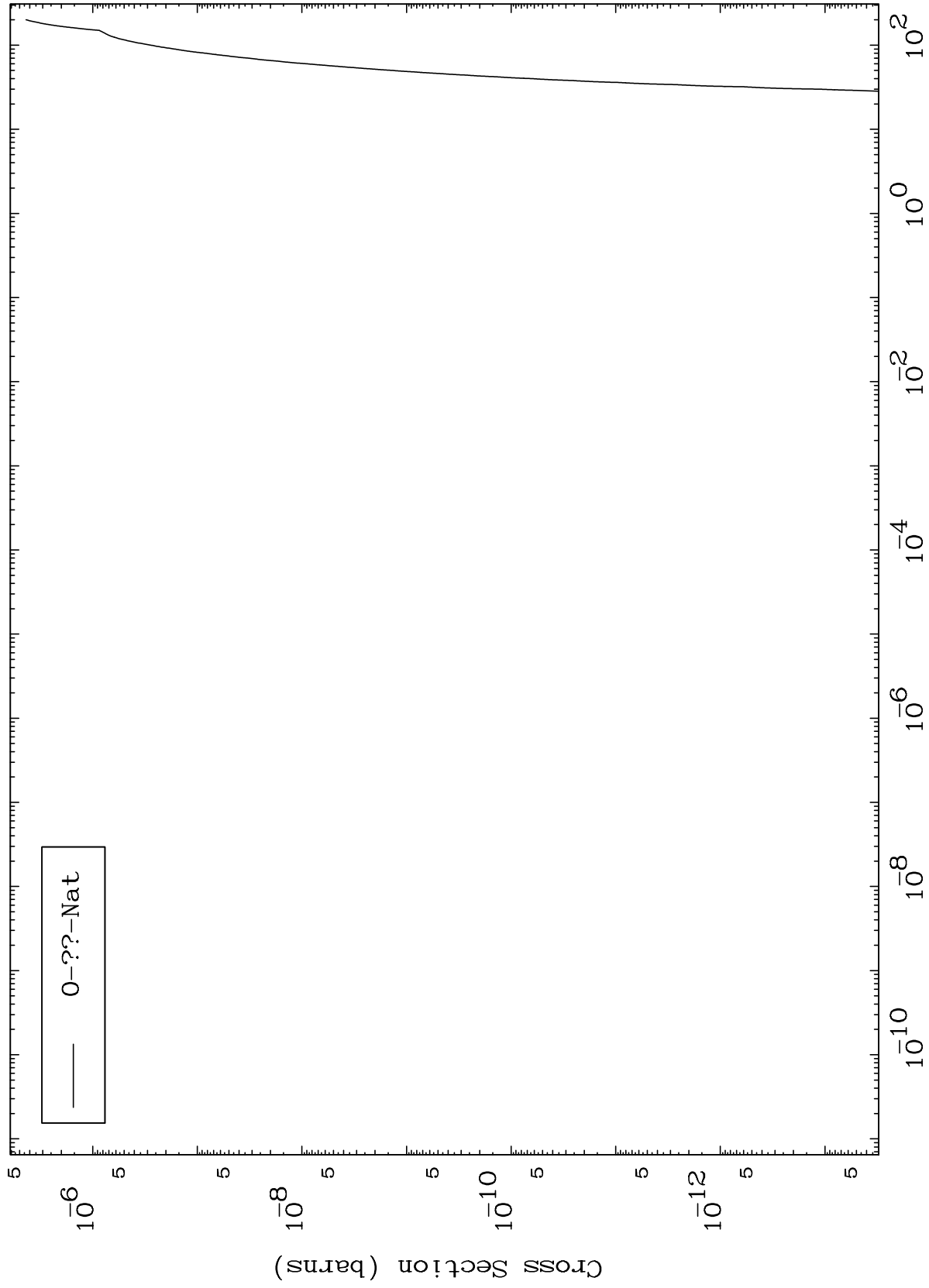
Incident Energy (MeV)

74-W -185

MAT 7440

Fission
Radionuclide Production Cross Section

74-W -185



121

Incident Energy (MeV)

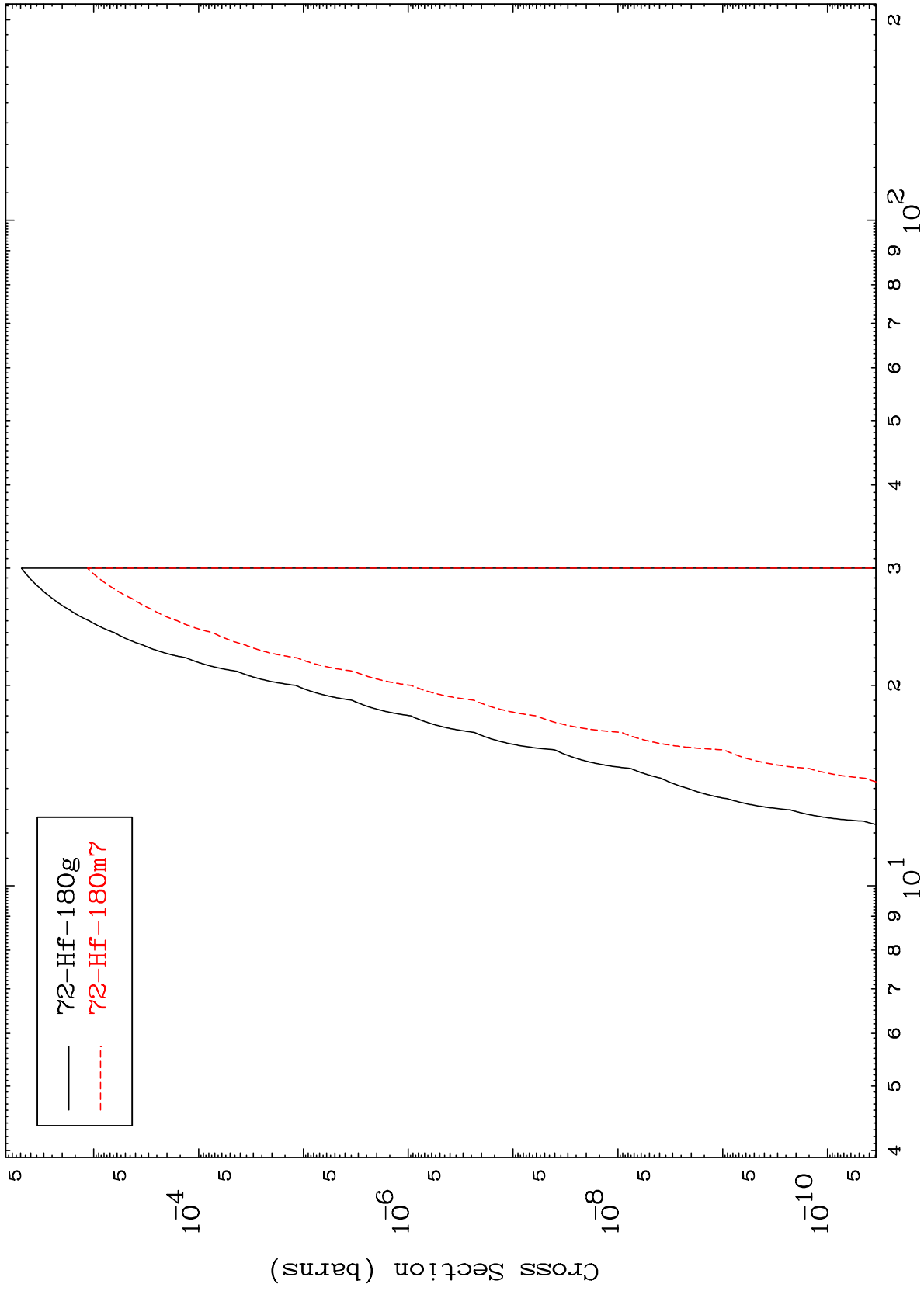
74-W -185

MAT 7440

(n,2n) α

74-W -185

Radionuclide Production Cross Section



122

Incident Energy (MeV)

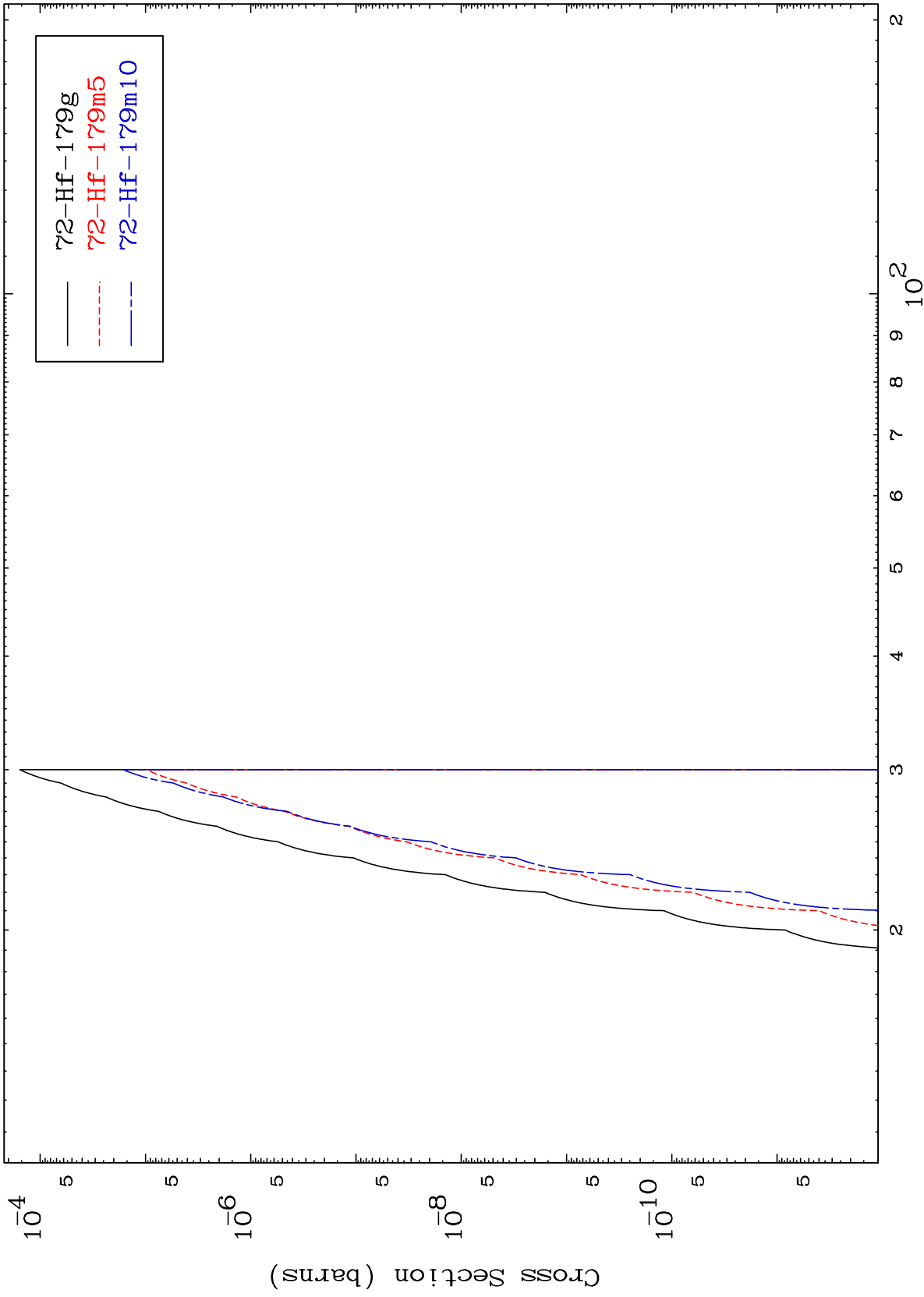
74-W -185

MAT 7440

(n,3n) α

74-W -185

Radionuclide Production Cross Section



123

Incident Energy (MeV)

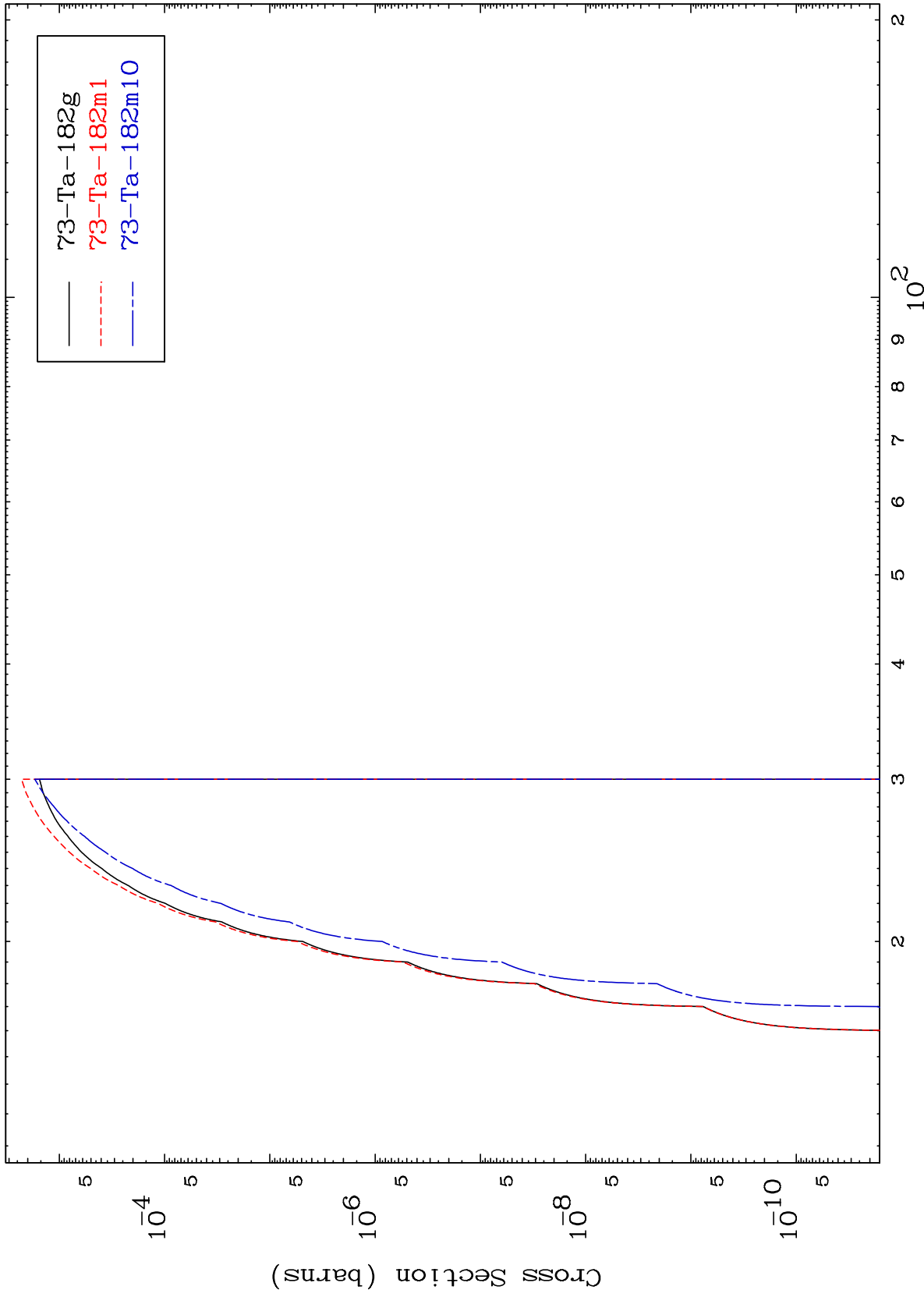
74-W -185

MAT 7440

(n,n') t

74-W -185

Radionuclide Production Cross Section



124

Incident Energy (MeV)

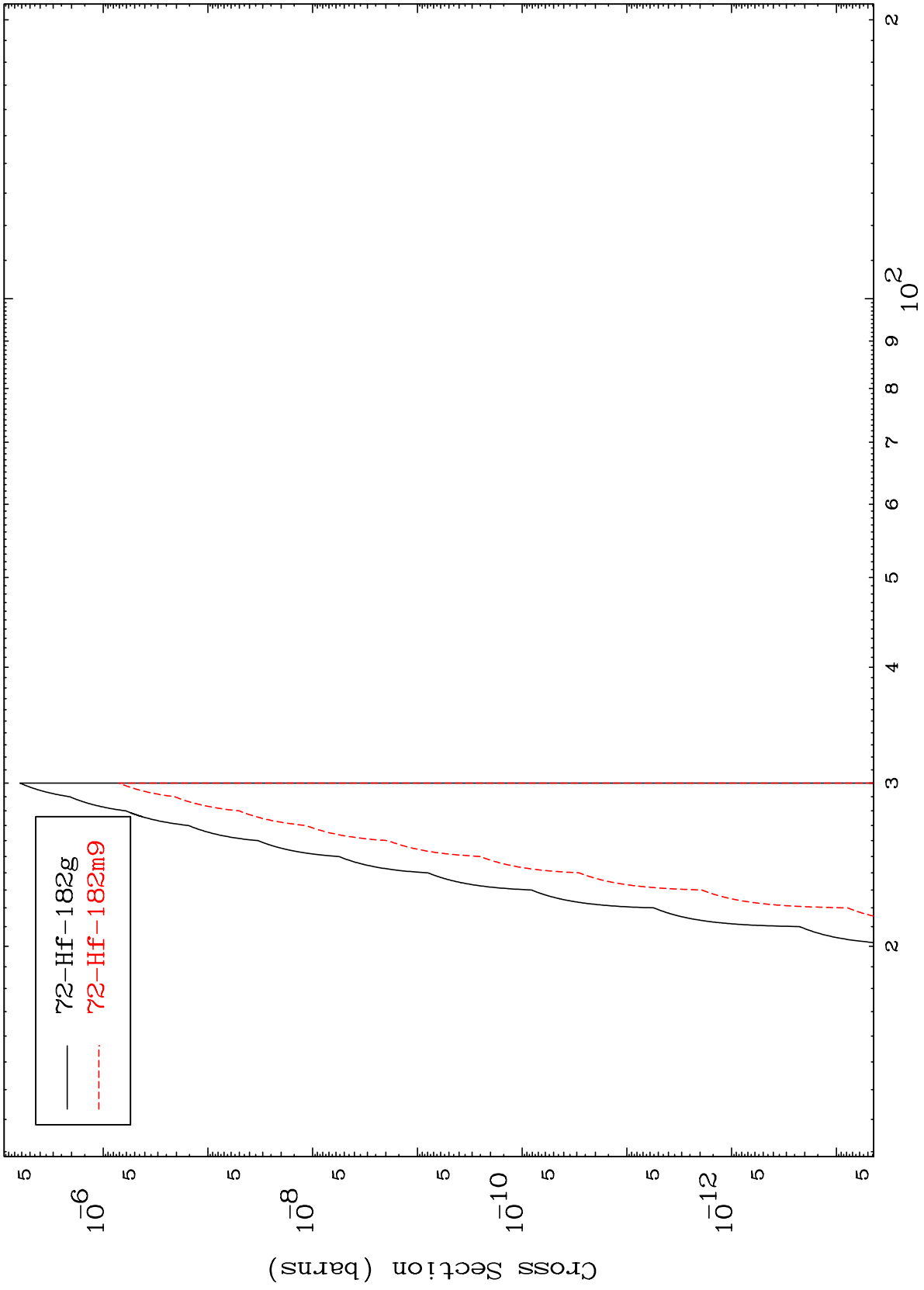
74-W -185

MAT 7440

(n, n') He-3

74-W -185

Radionuclide Production Cross Section



125

Incident Energy (MeV)

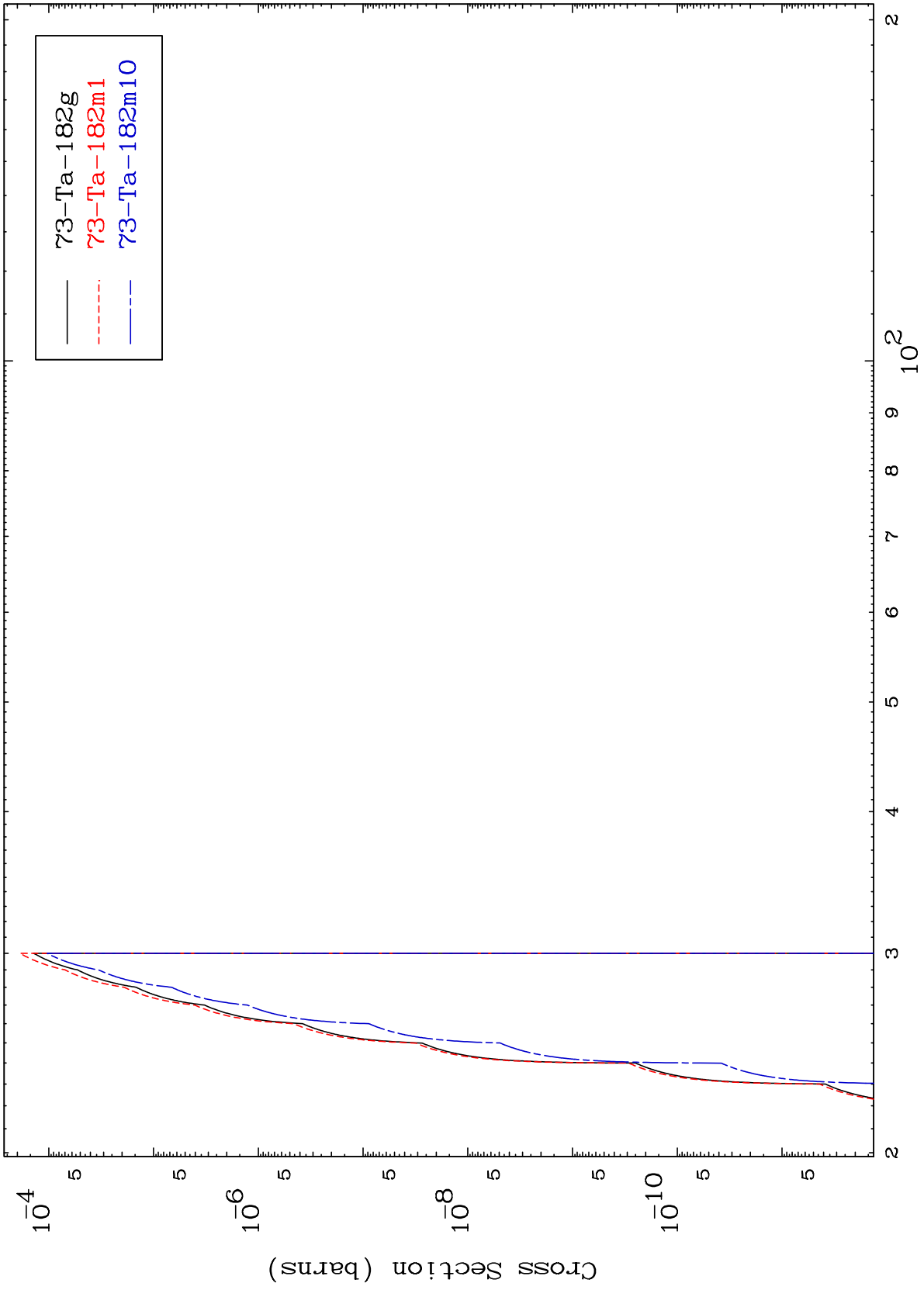
74-W -185

MAT 7440

(n,3n) p

74-W -185

Radionuclide Production Cross Section



126

Incident Energy (MeV)

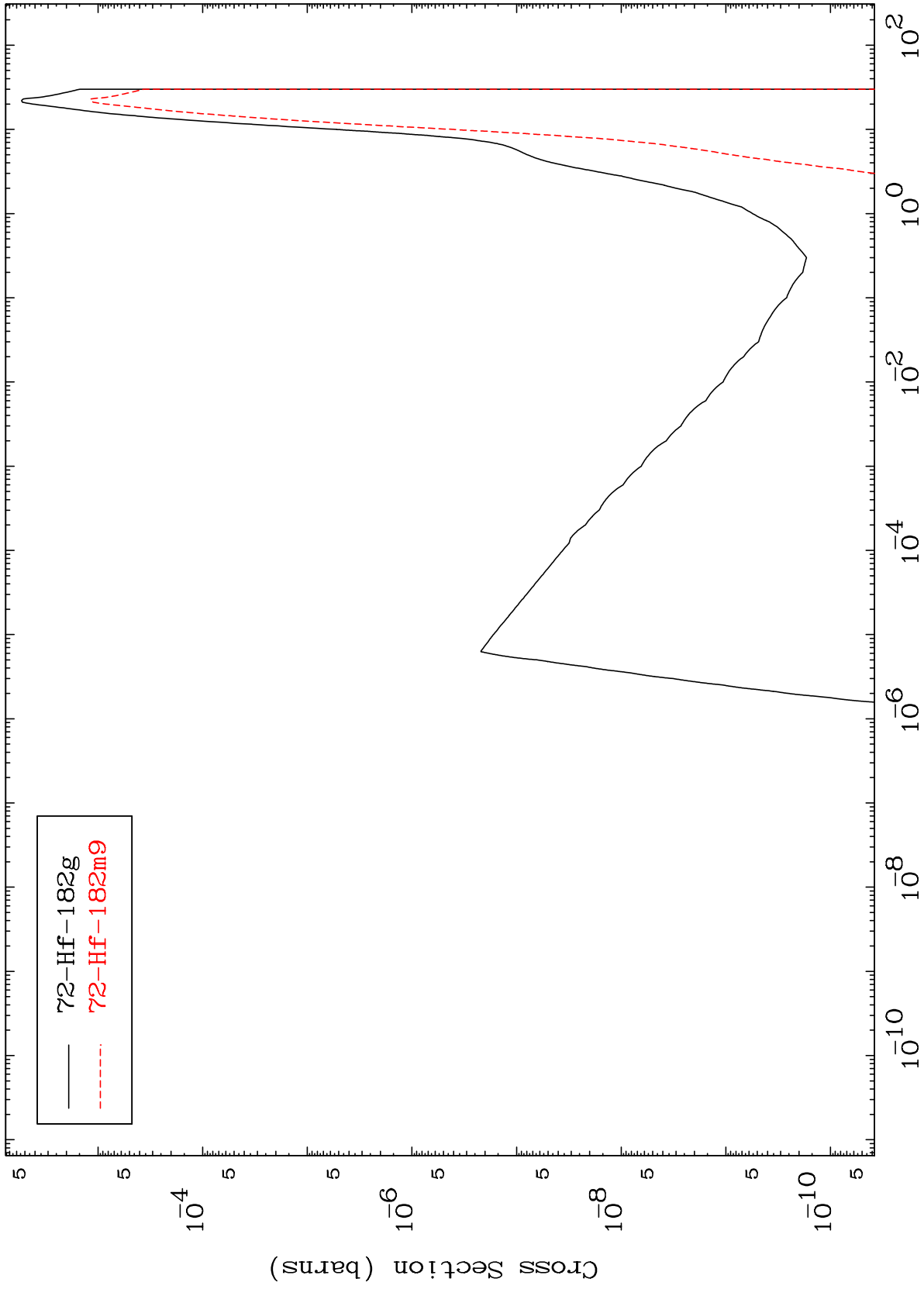
74-W -185

MAT 7440

(n, α)

74-W -185

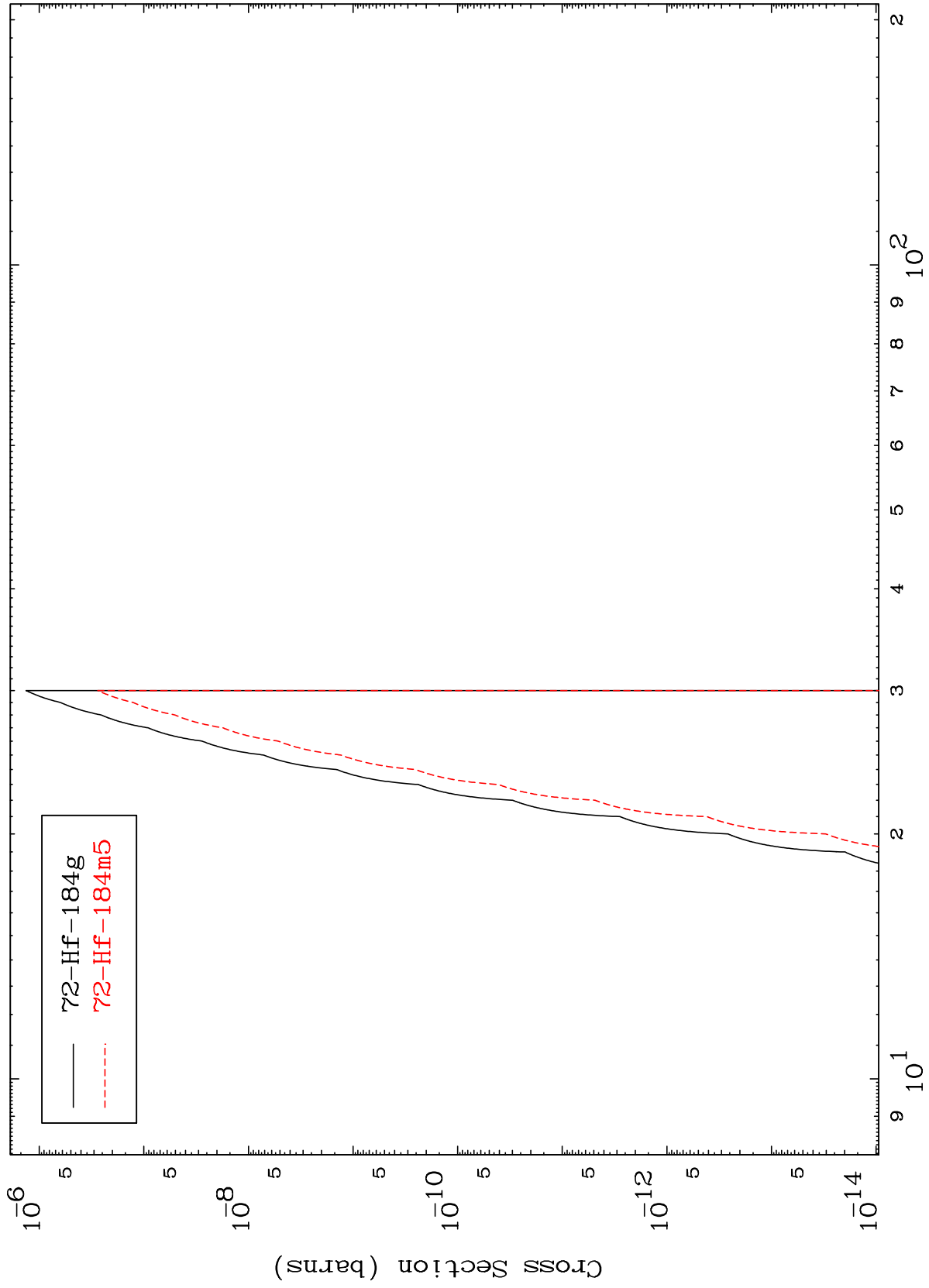
Radionuclide Production Cross Section



MAT 7440

74-W -185

Radionuclide Production Cross Section
(n,2p)



72-Hf-184g
72-Hf-184m5

128

74-W -185