

Program EVALPLOT
(Version 2018-1)

by

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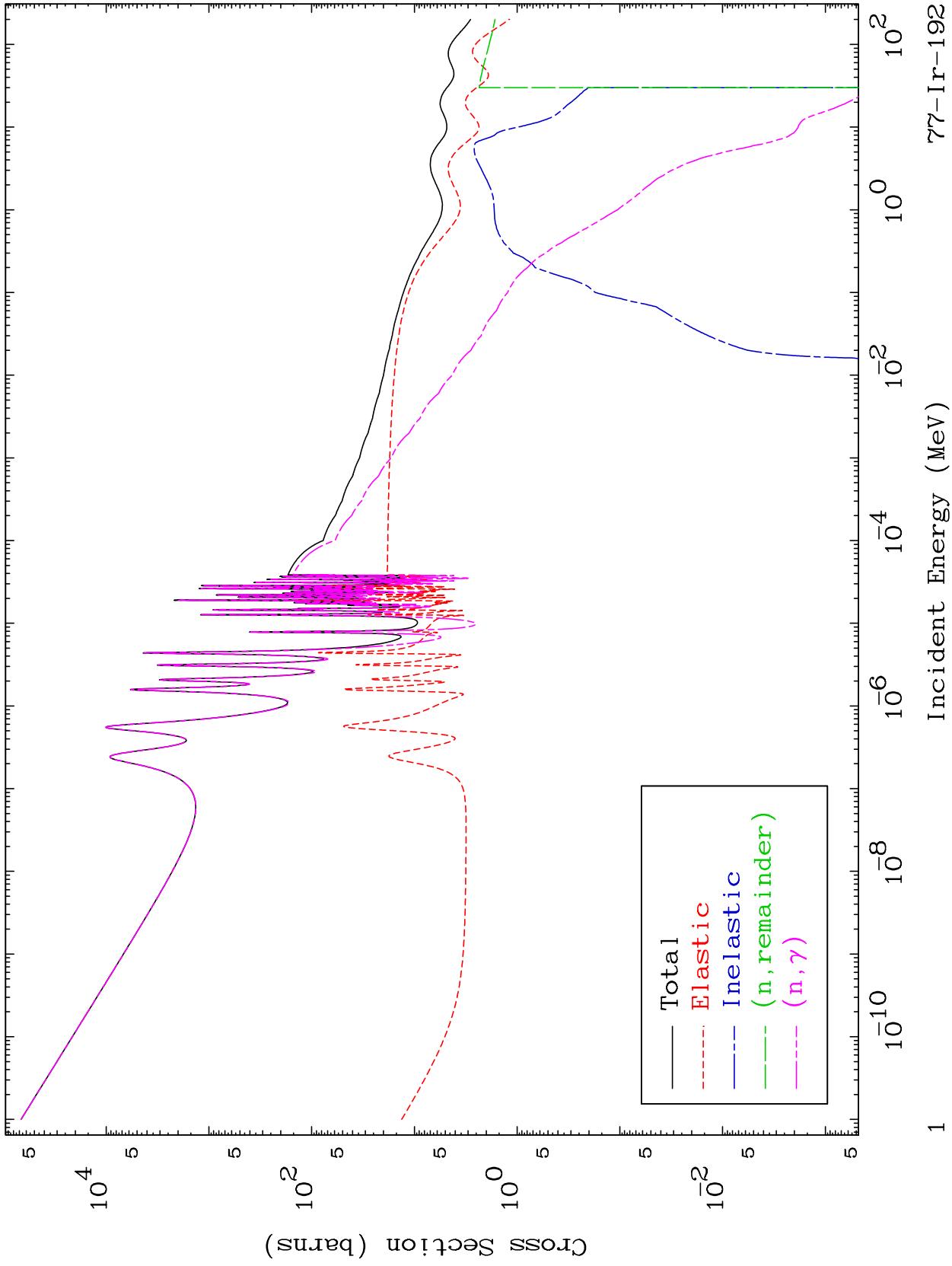
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7728

Major
293 Kelvin Cross Sections

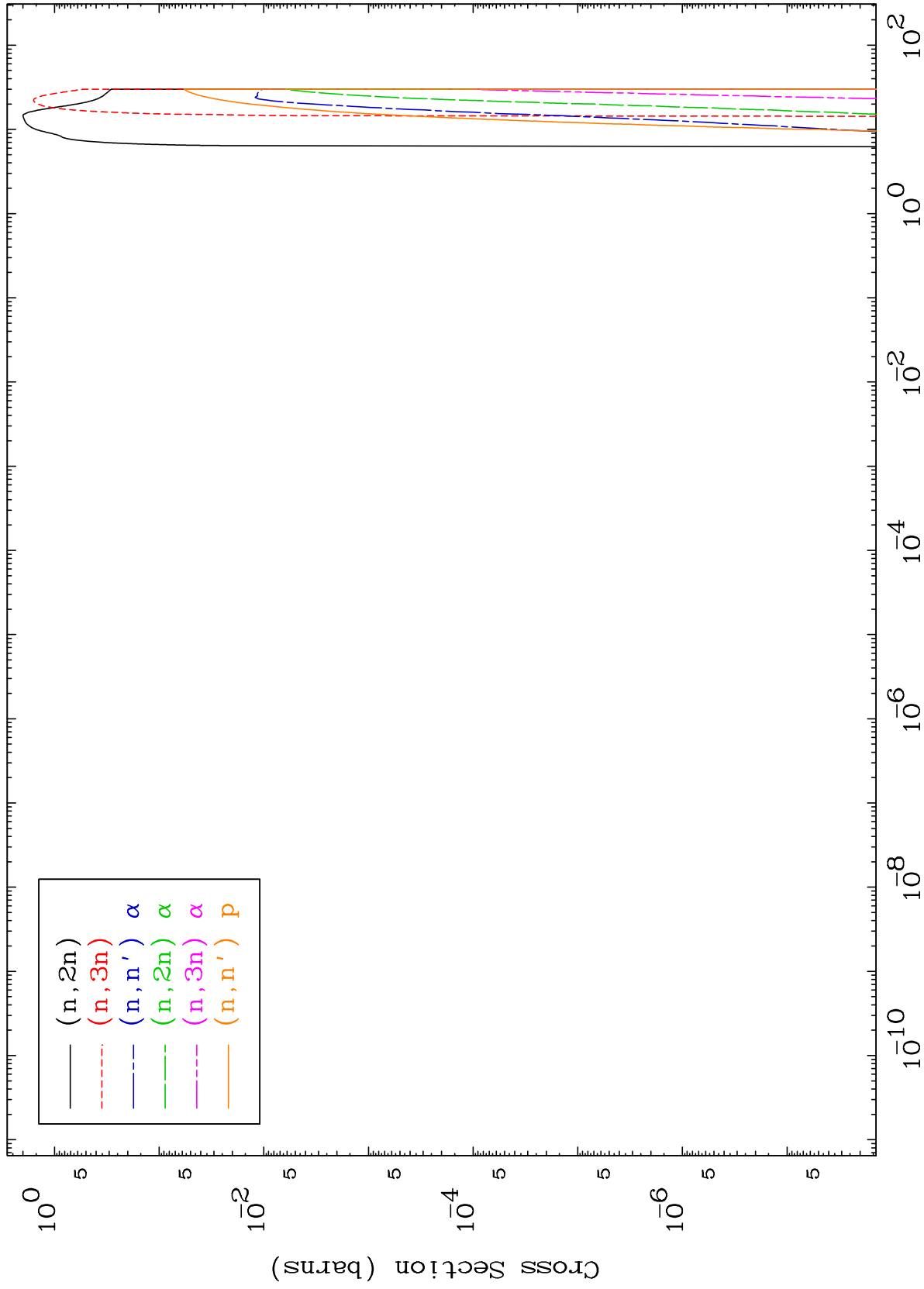
77-Ir-192



MAT 7728

Neutron Production
293 Kelvin Cross Sections

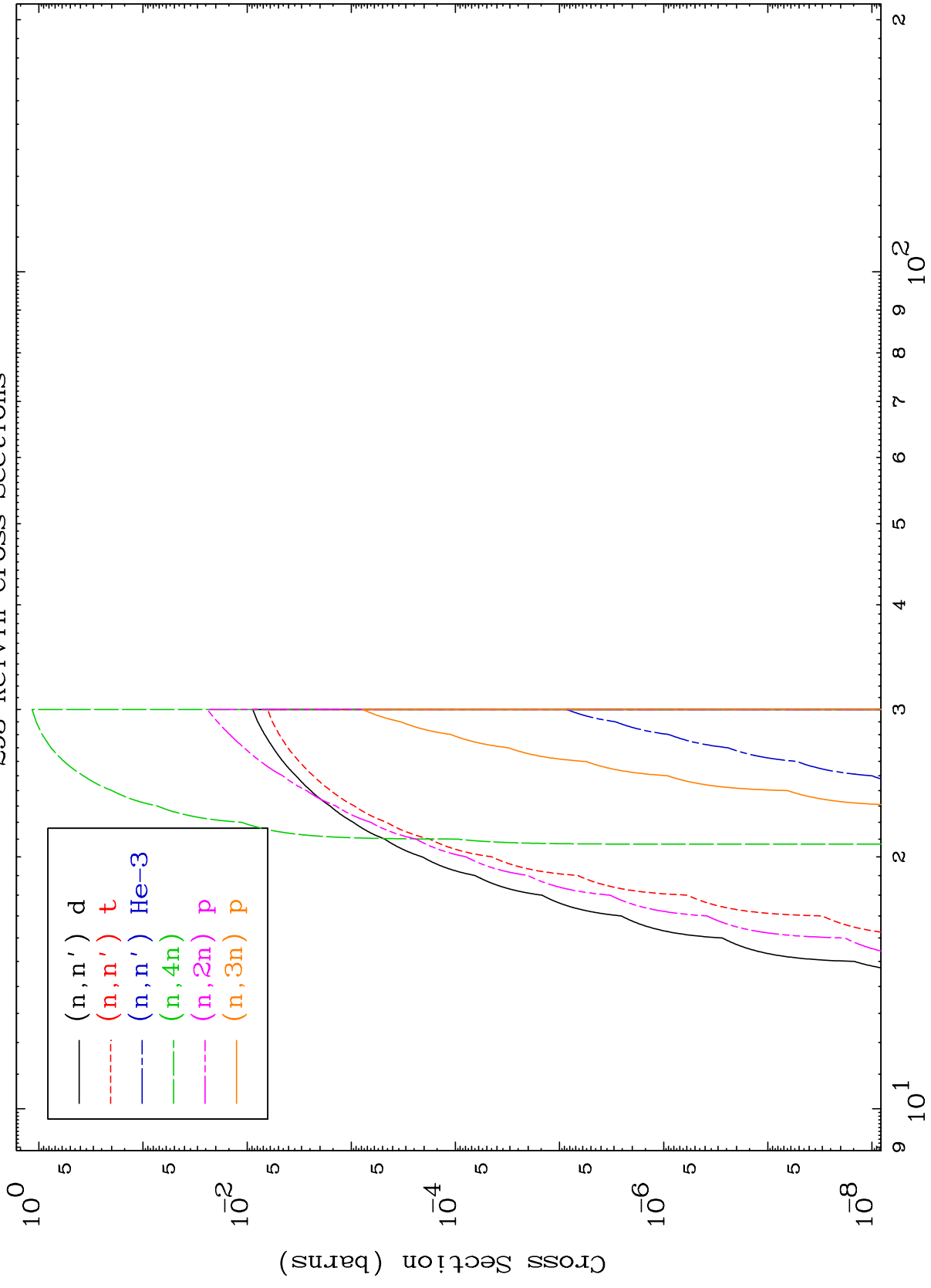
77-Ir-192



2

Incident Energy (MeV)

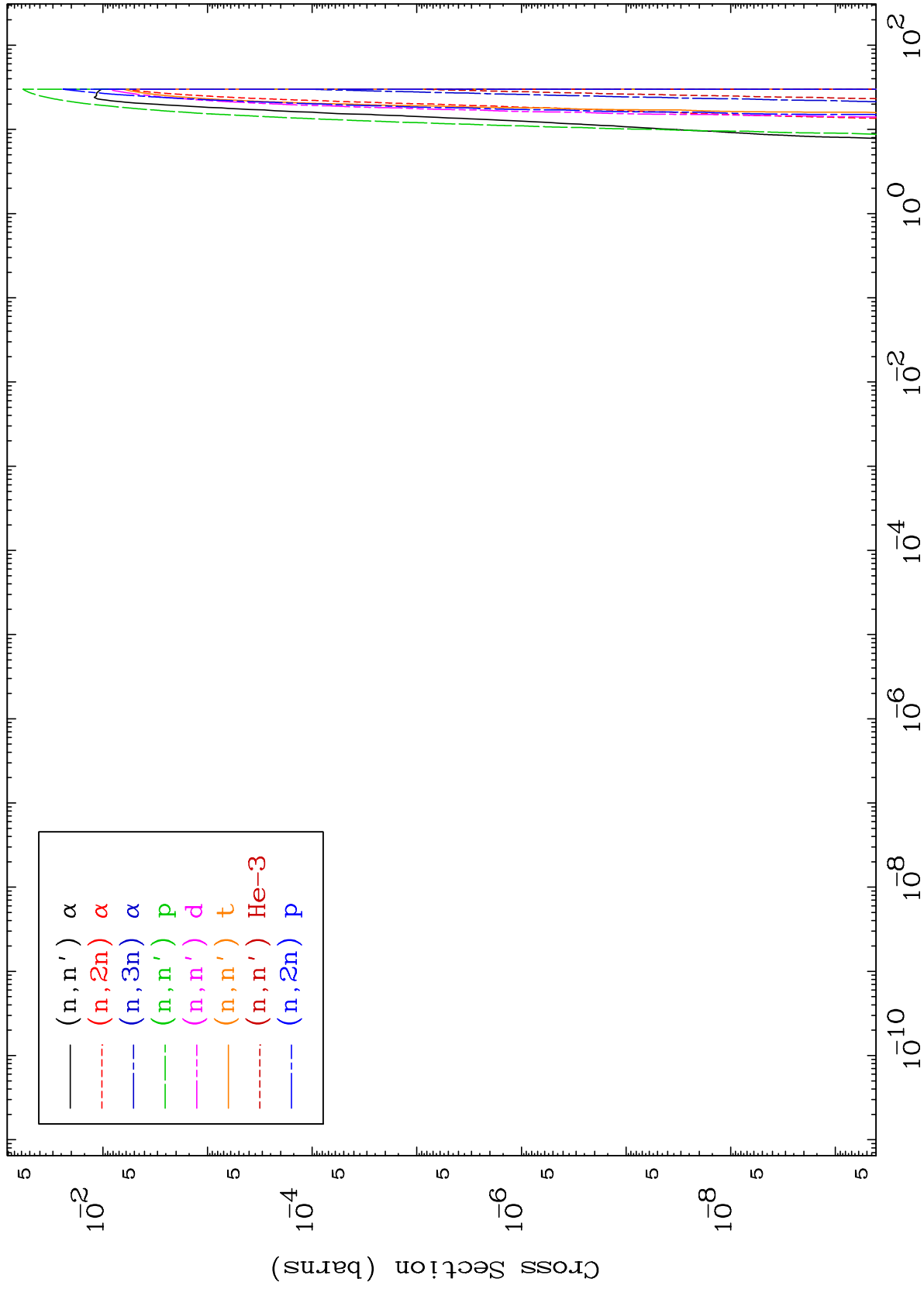
77-Ir-192



MAT 7728

Charged Particle
293 Kelvin Cross Sections

77-Ir-192

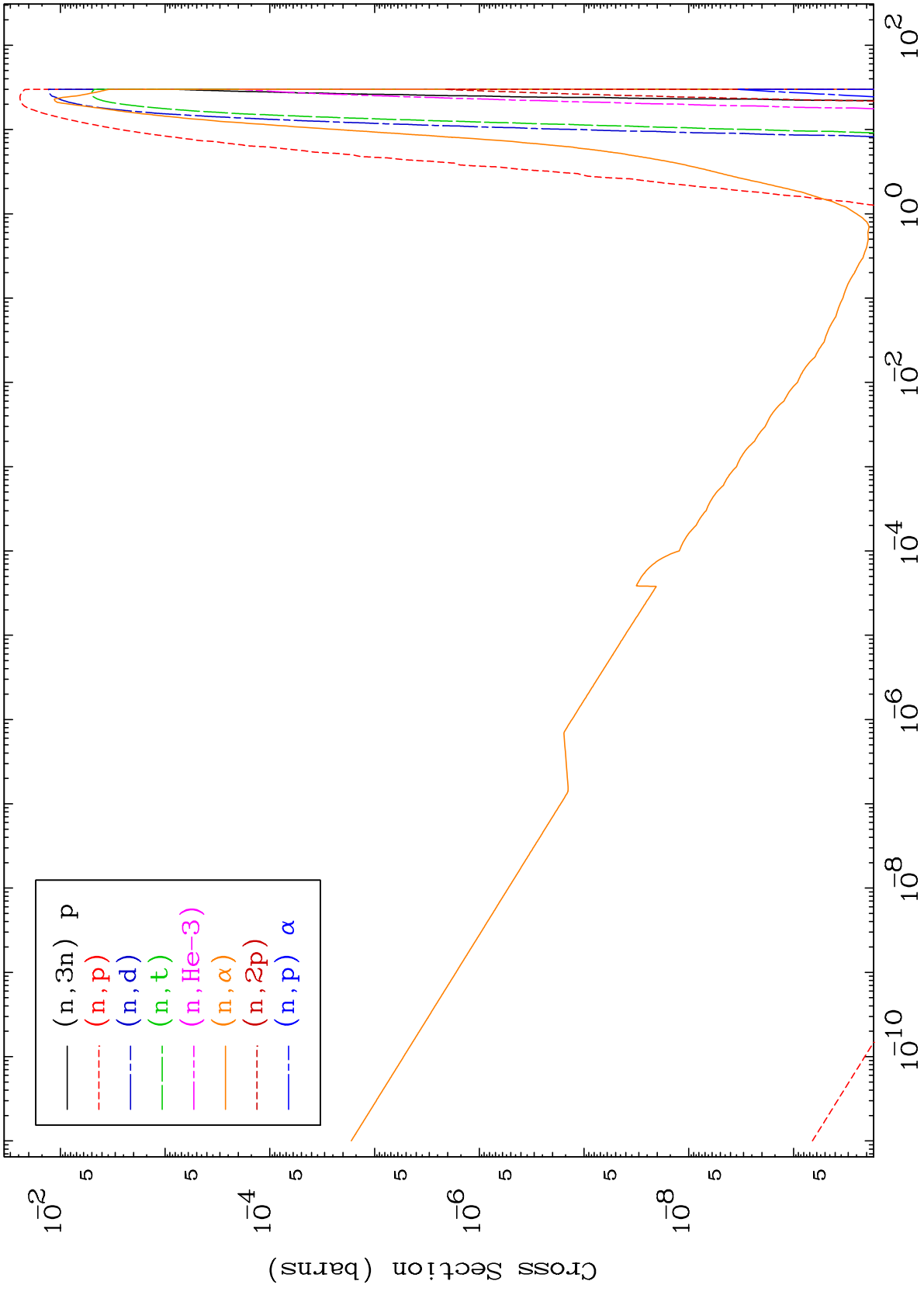


77-Ir-192

MAT 7728

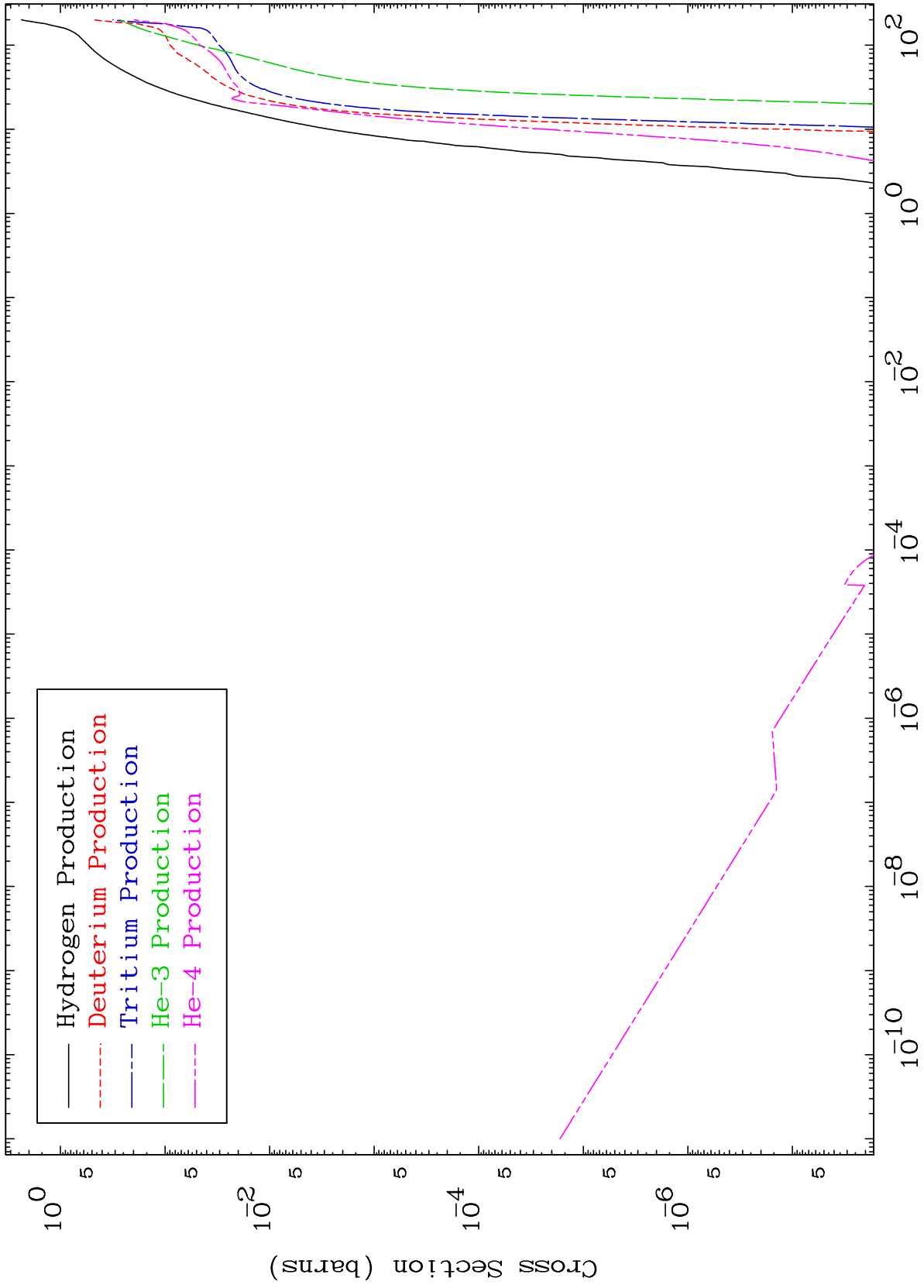
Charged Particle
293 Kelvin Cross Sections

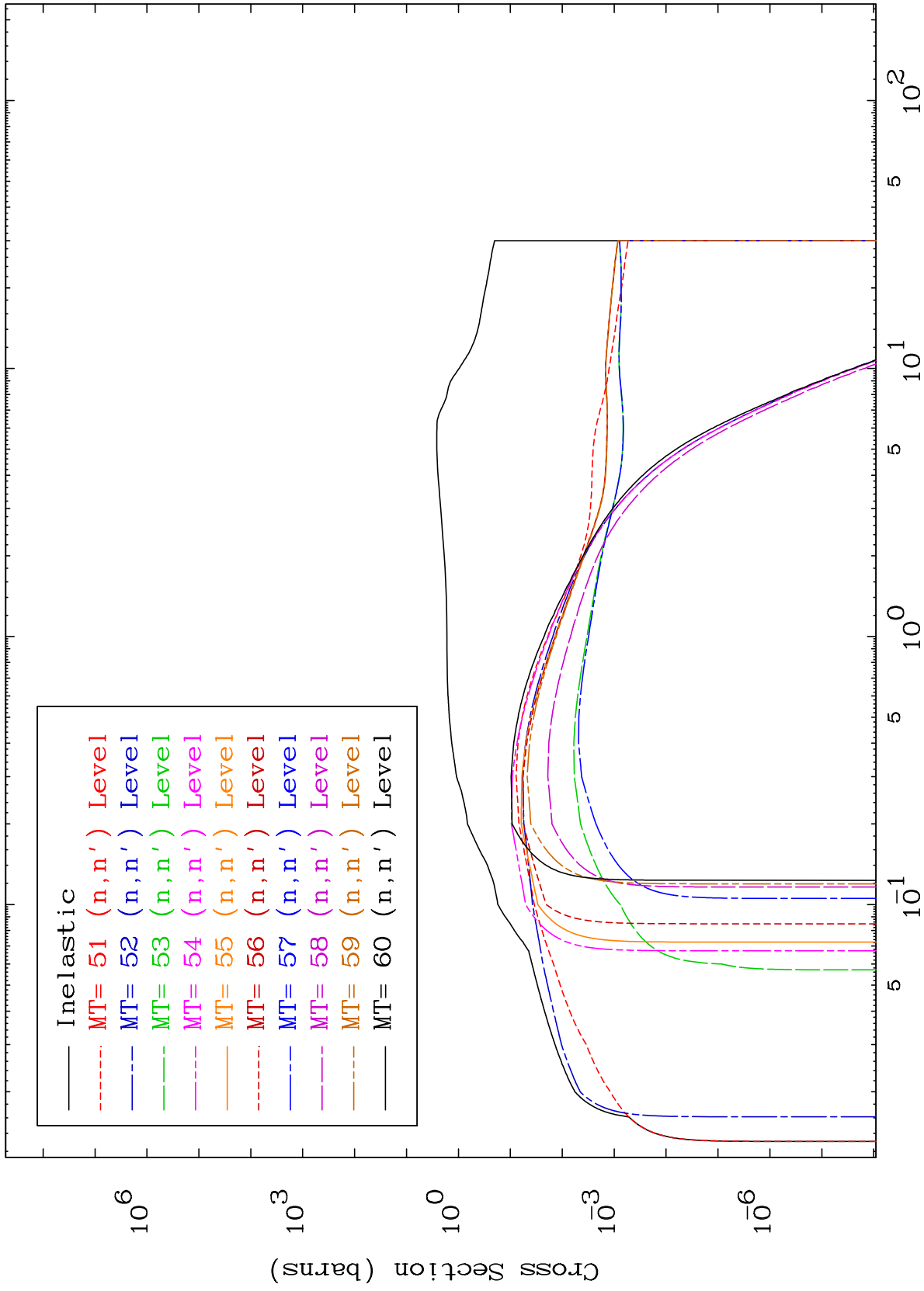
77-Ir-192

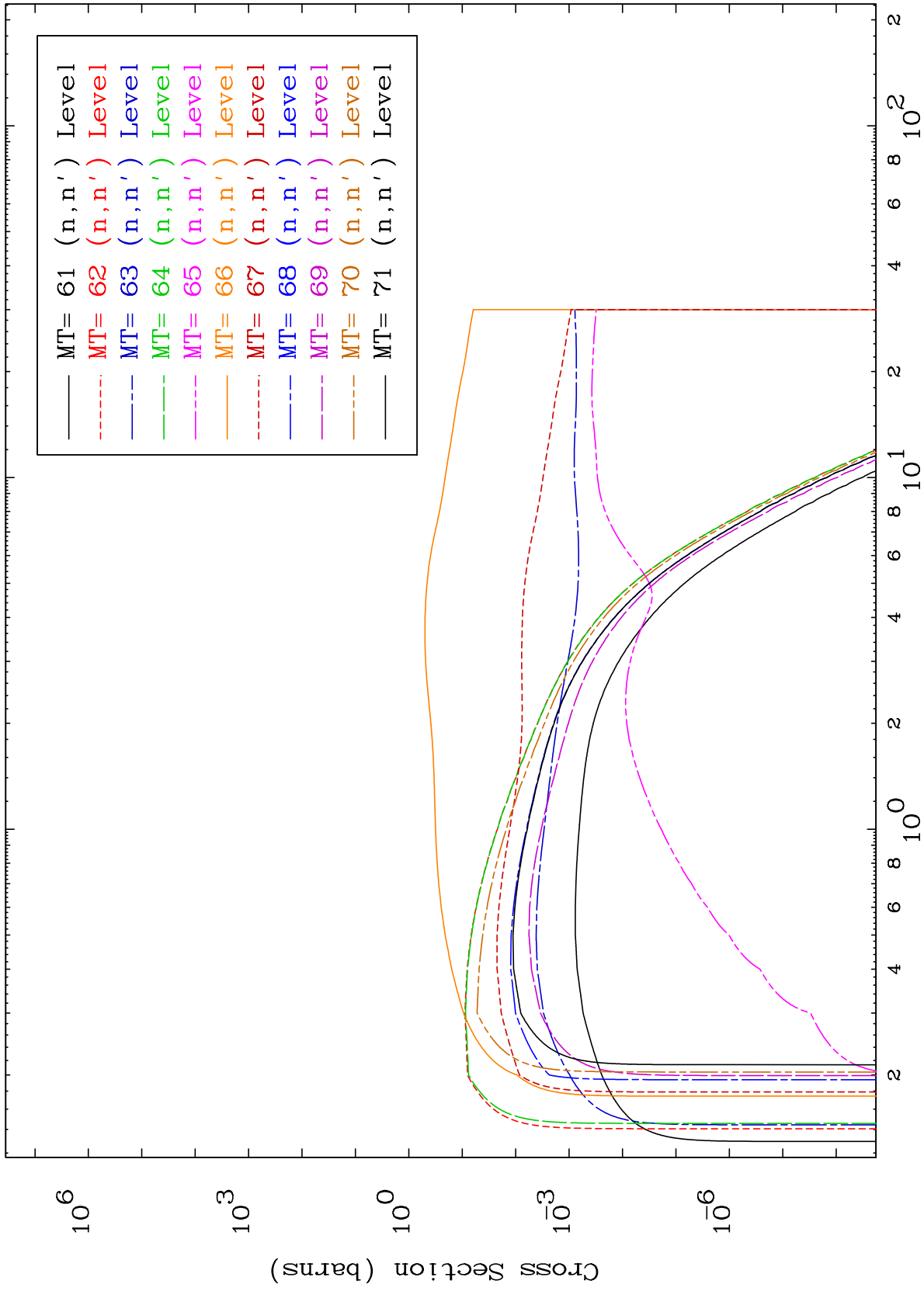


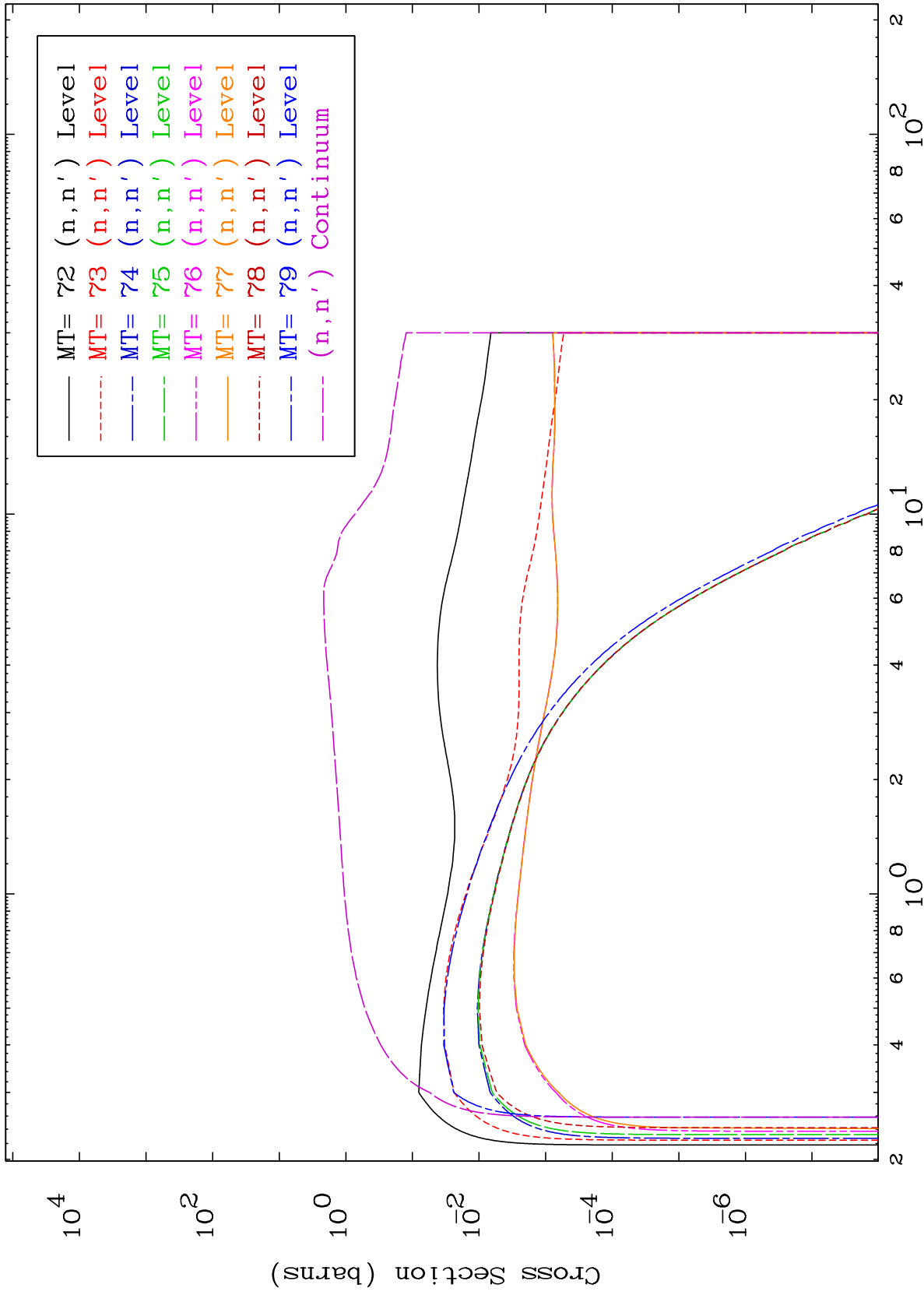
5

77-Ir-192





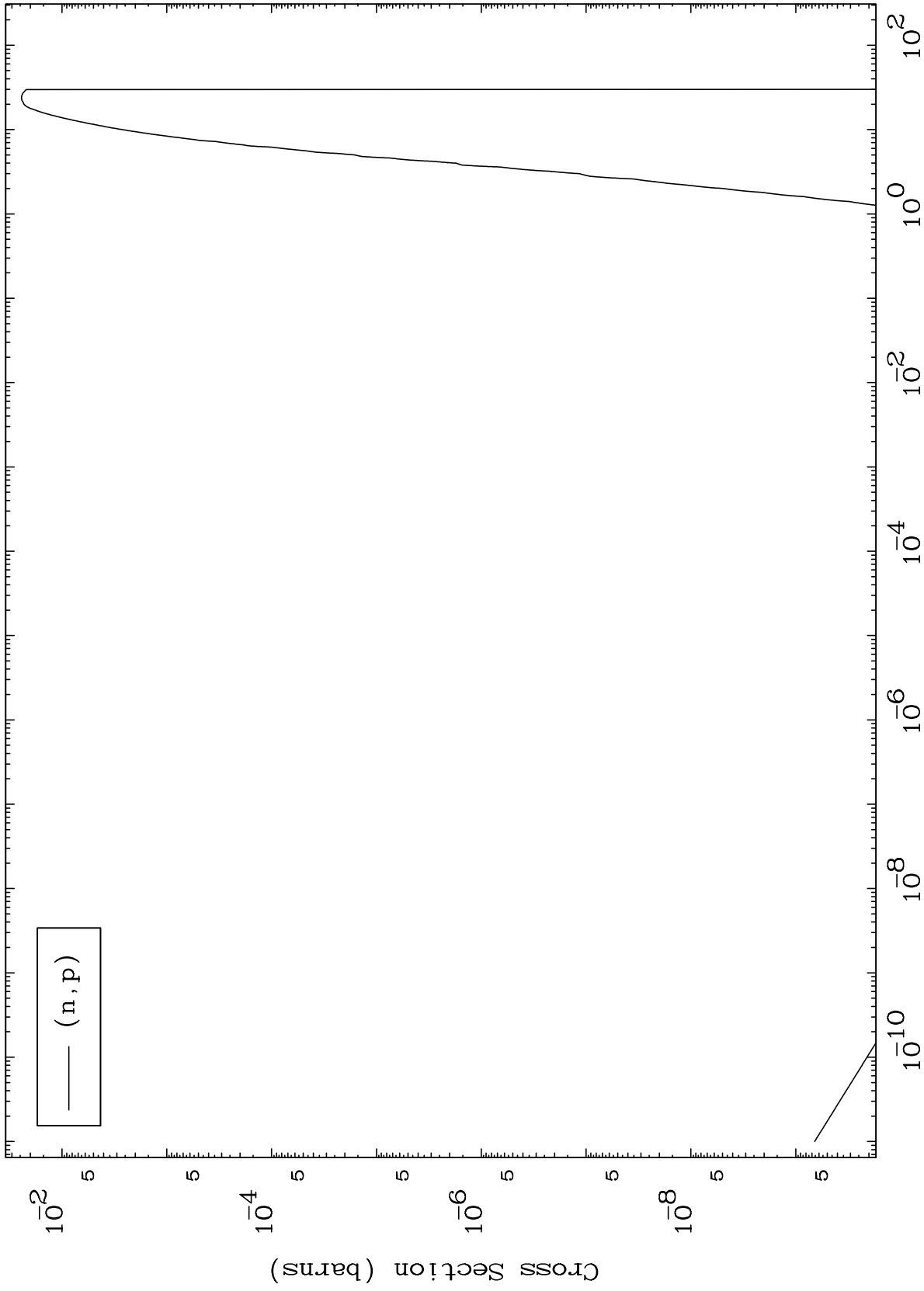




MAT 7728

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-192



10

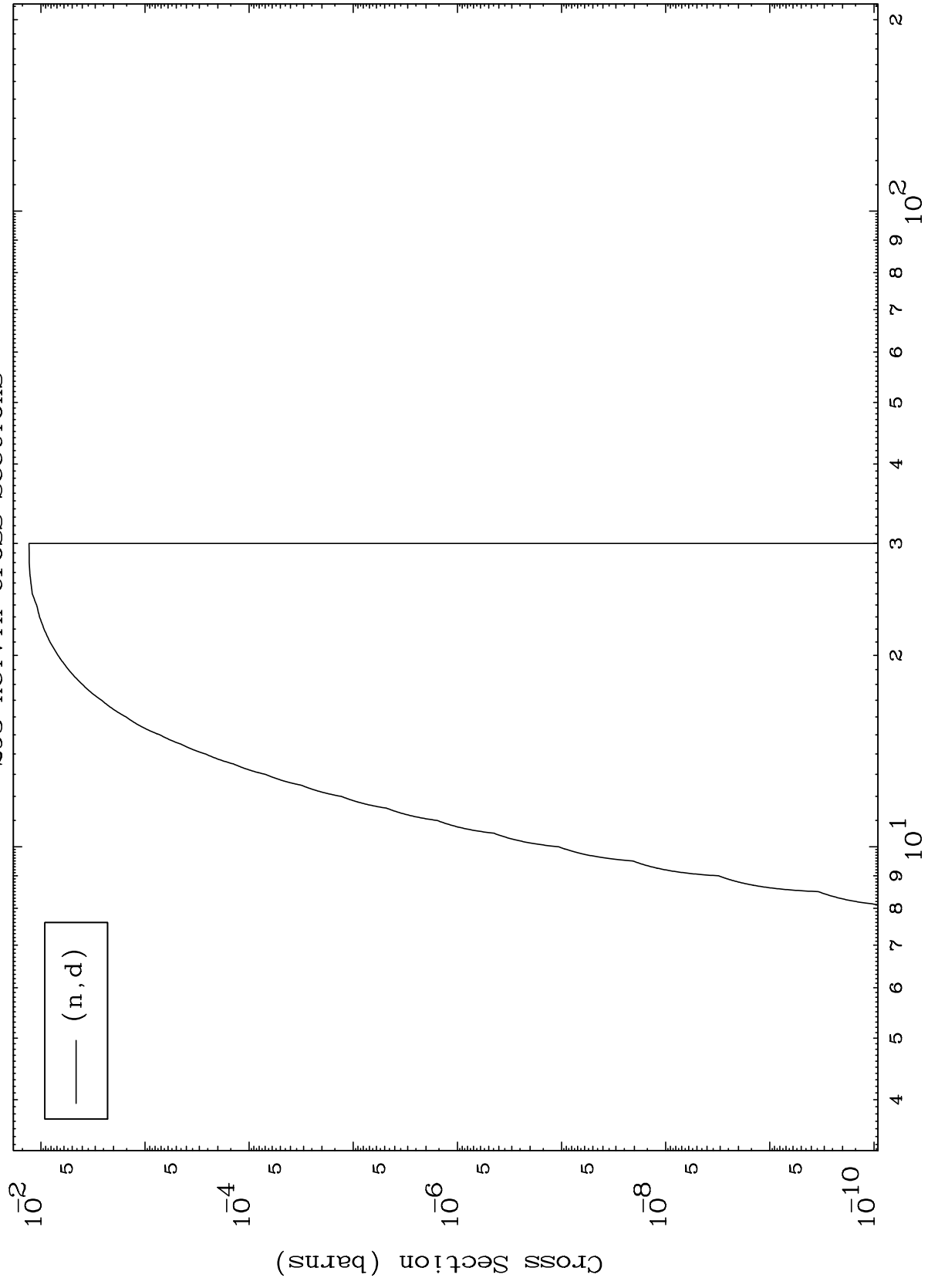
Incident Energy (MeV)

77-Ir-192

MAT 7728

(n,d) Levels
293 Kelvin Cross Sections

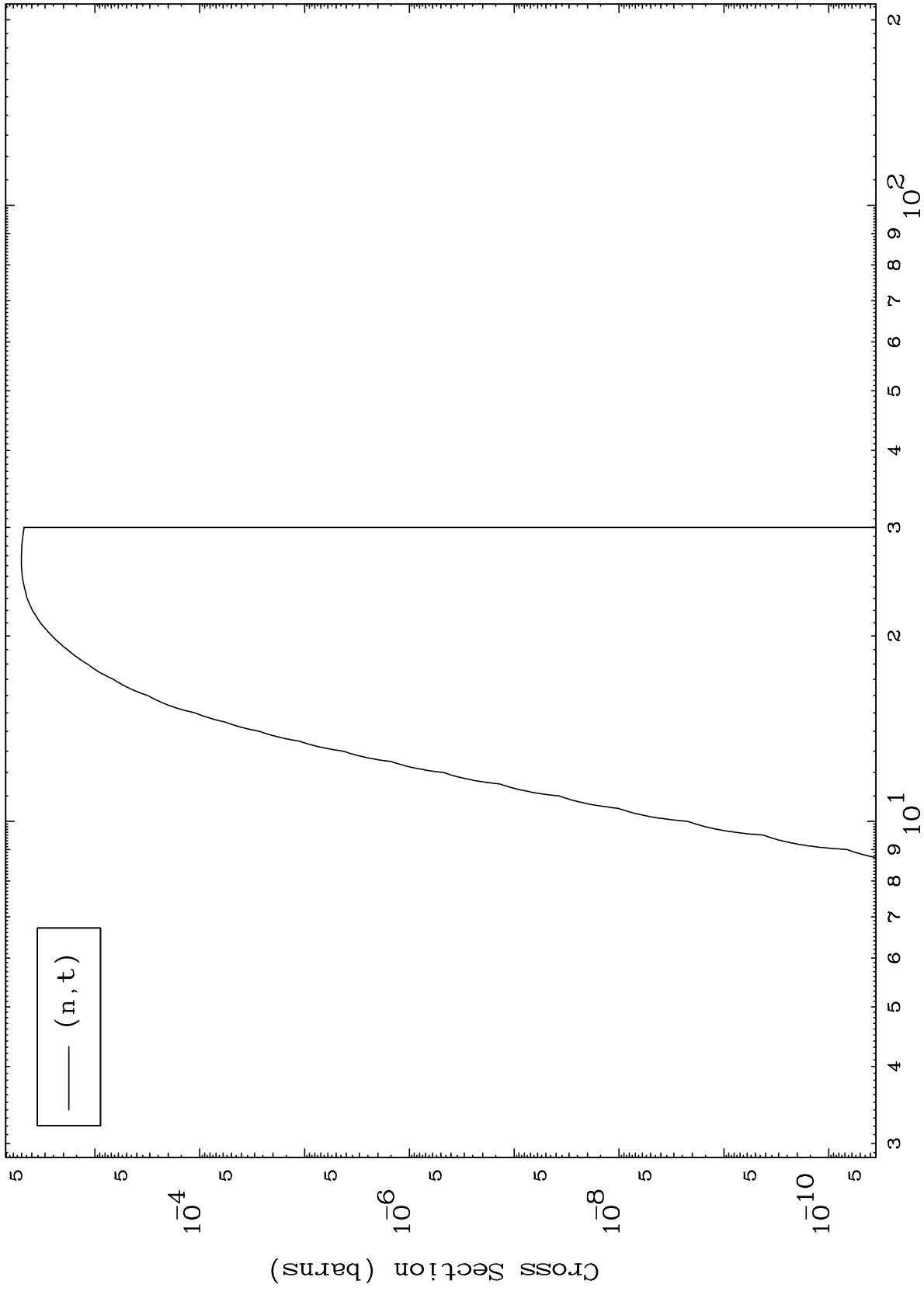
77-Ir-192



MAT 7728

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-192



12

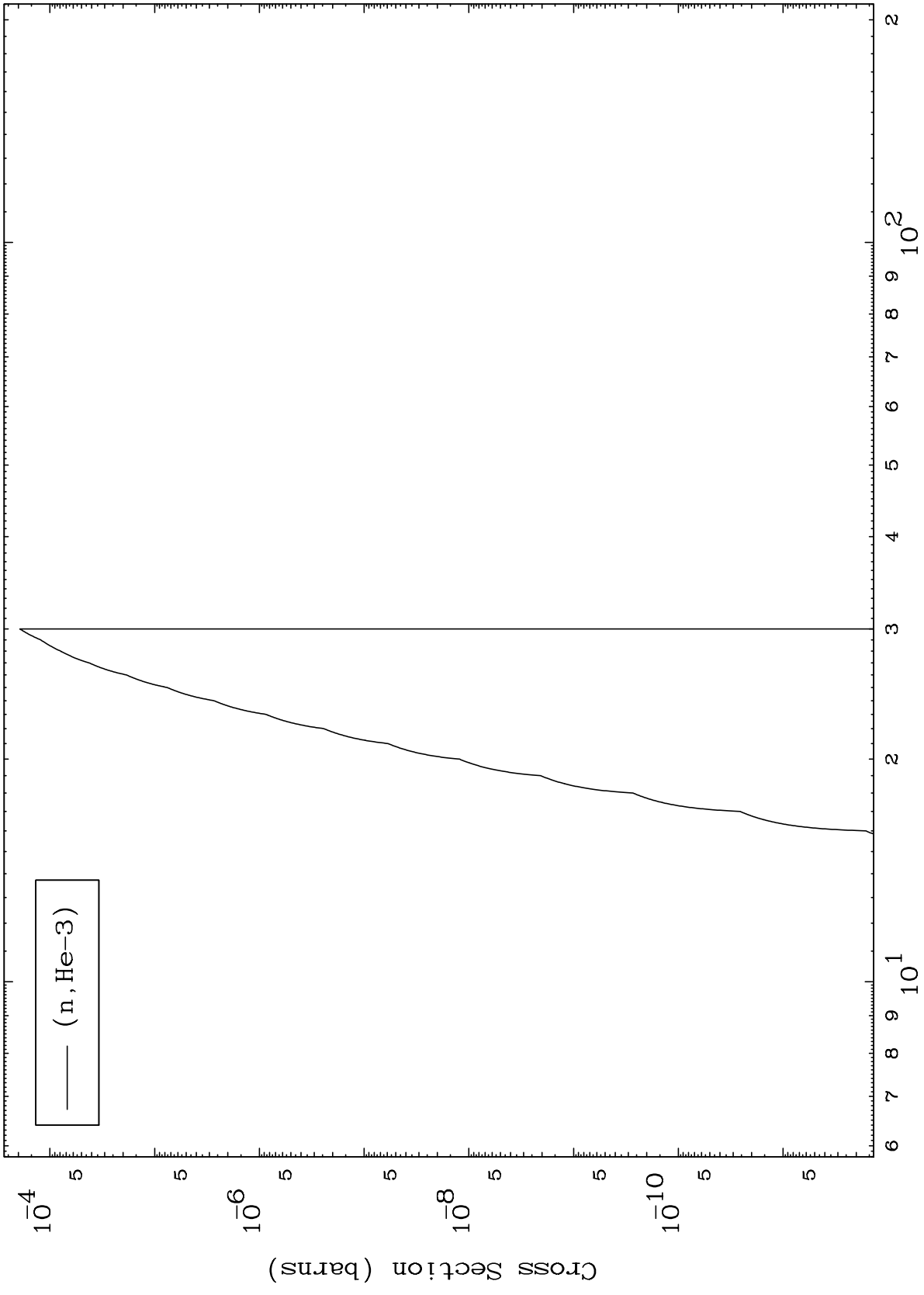
Incident Energy (MeV)

77-Ir-192

MAT 7728

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-192



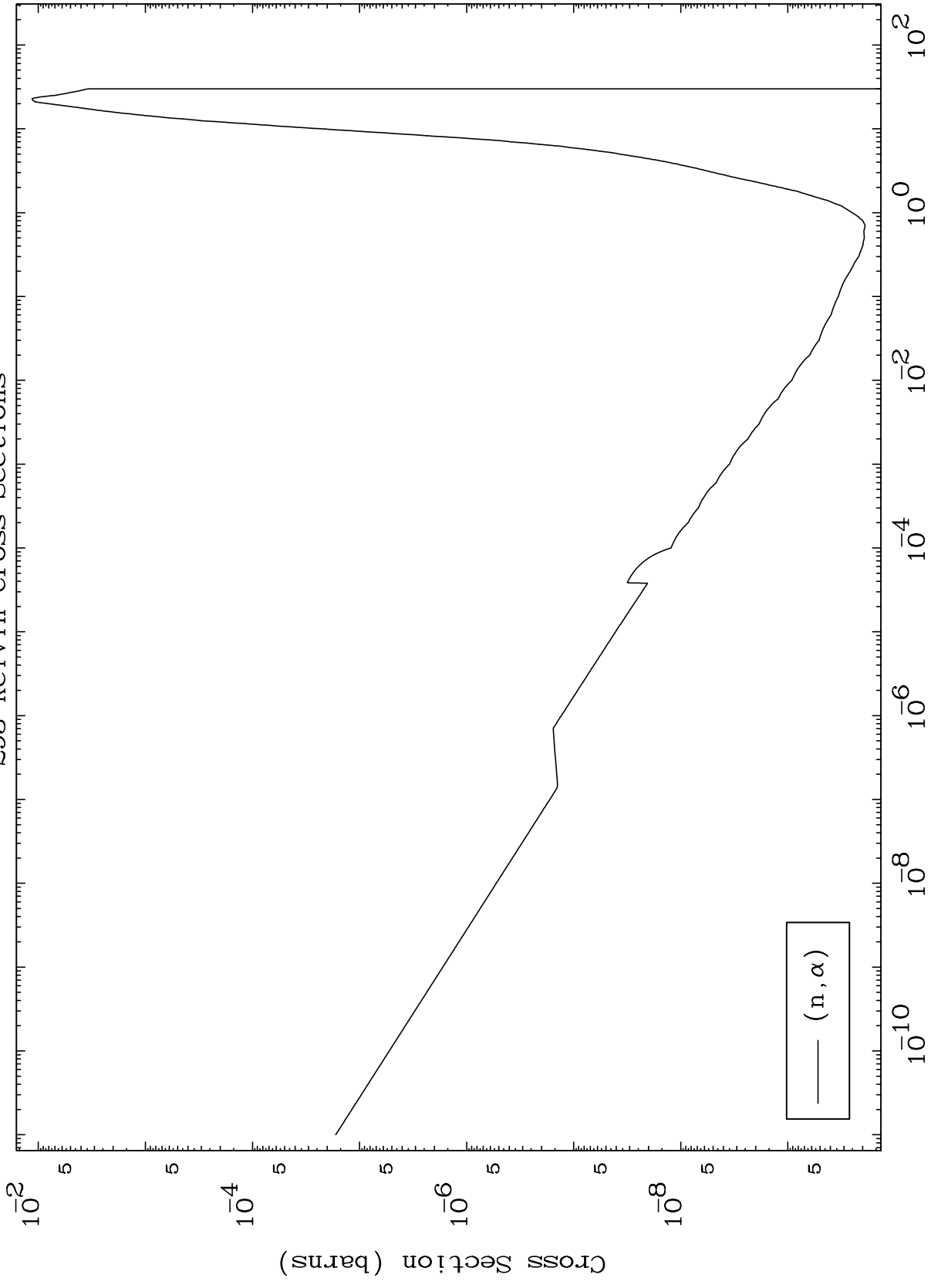
13

77-Ir-192

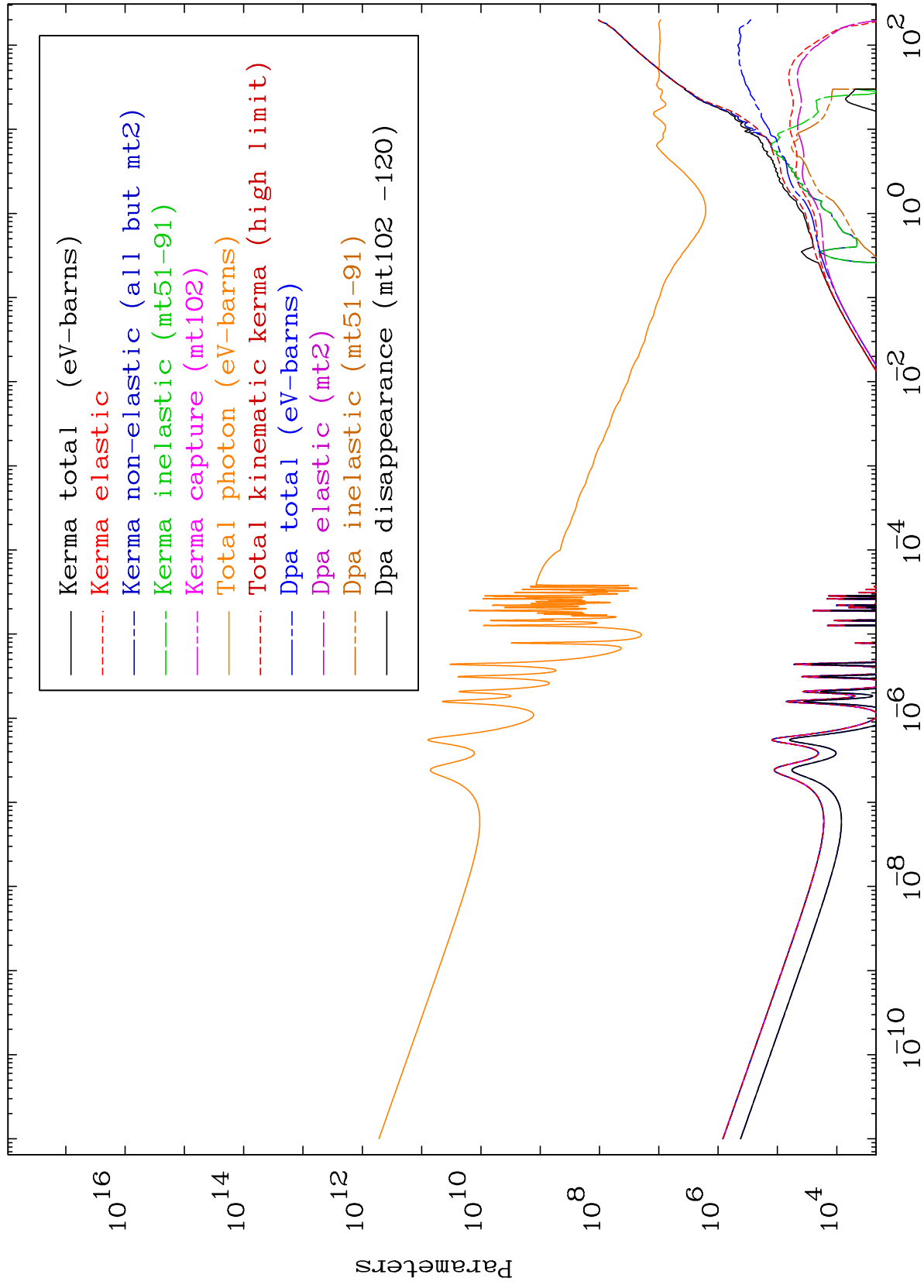
MAT 7728

(n,α) Levels
293 Kelvin Cross Sections

77-Ir-192



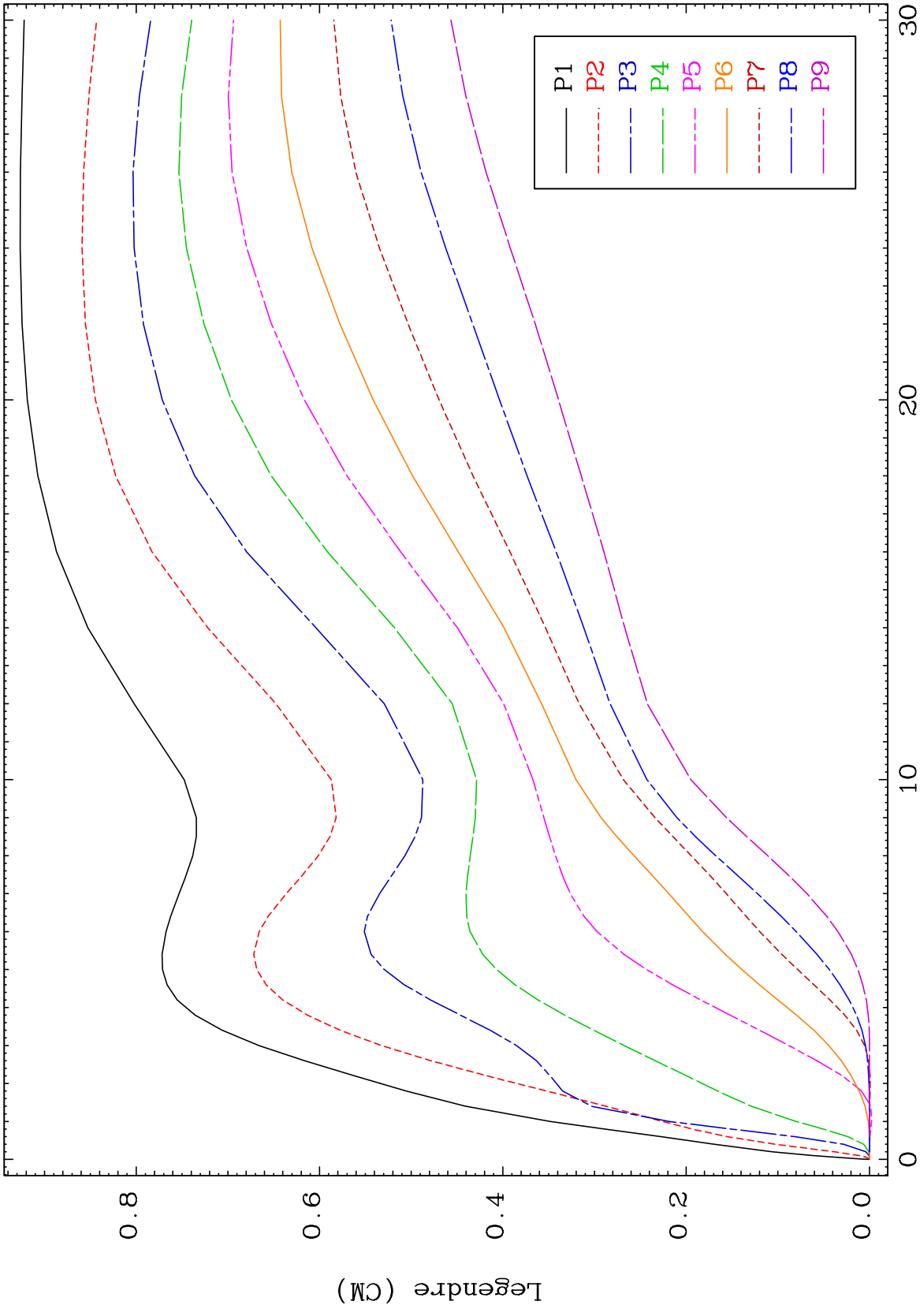
77-Ir-192



MAT 7728

Elastic Legendre Coefficients

77-Ir-192



16

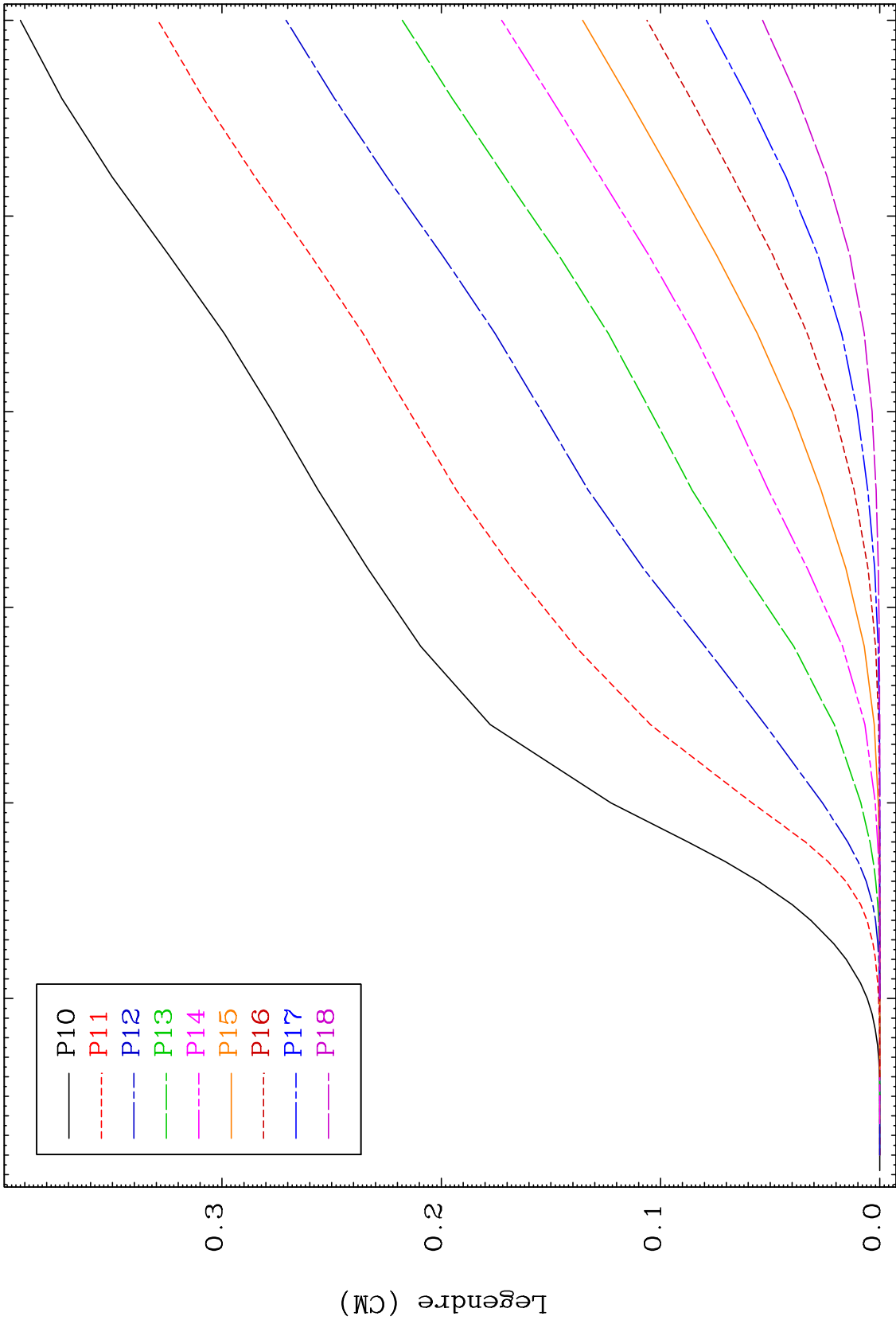
Incident Energy (MeV)

77-Ir-192

MAT 7728

Elastic Legendre Coefficients

77-Ir-192



17

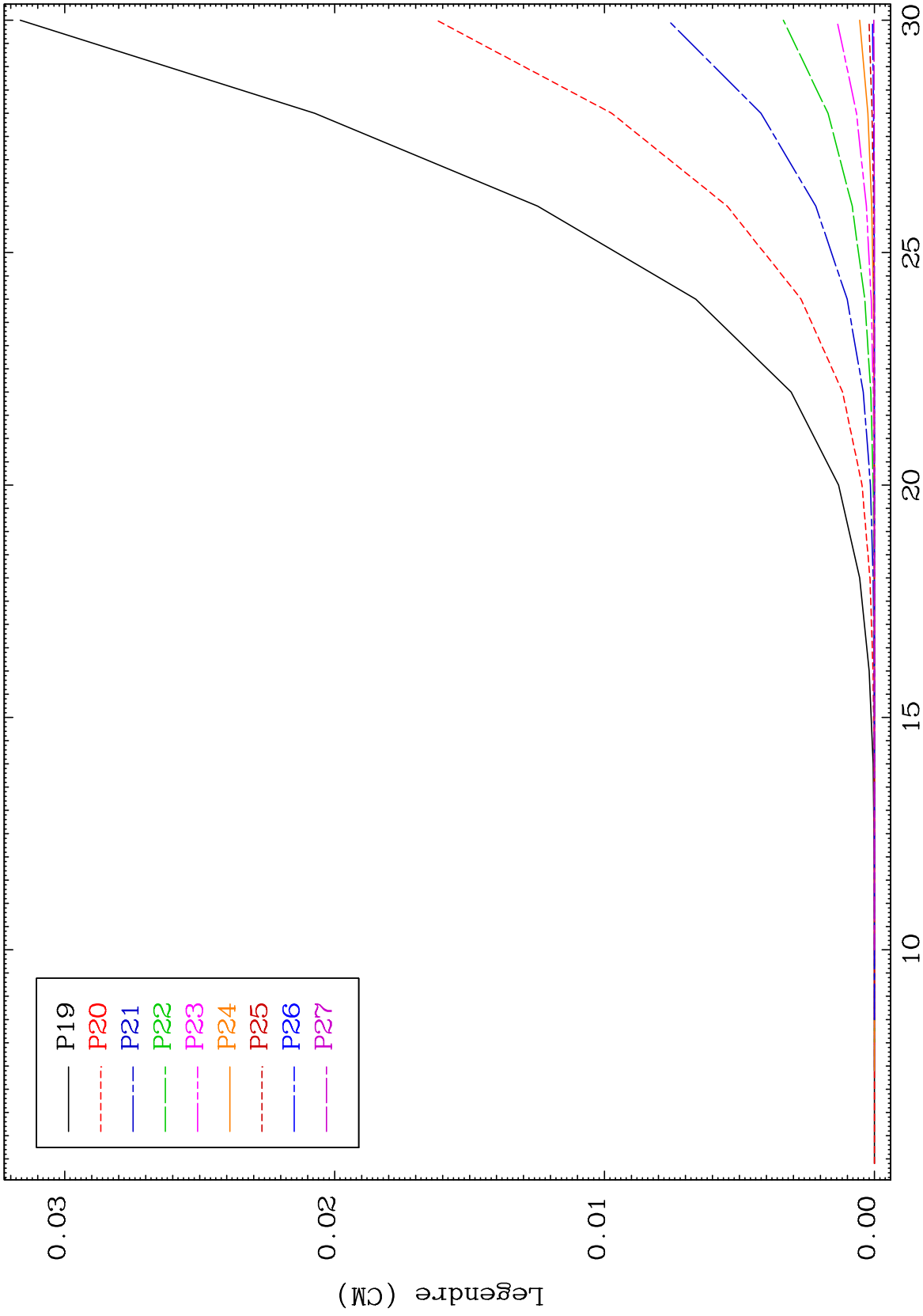
Incident Energy (MeV)

77-Ir-192

MAT 7728

Elastic Legendre Coefficients

77-Ir-192



18

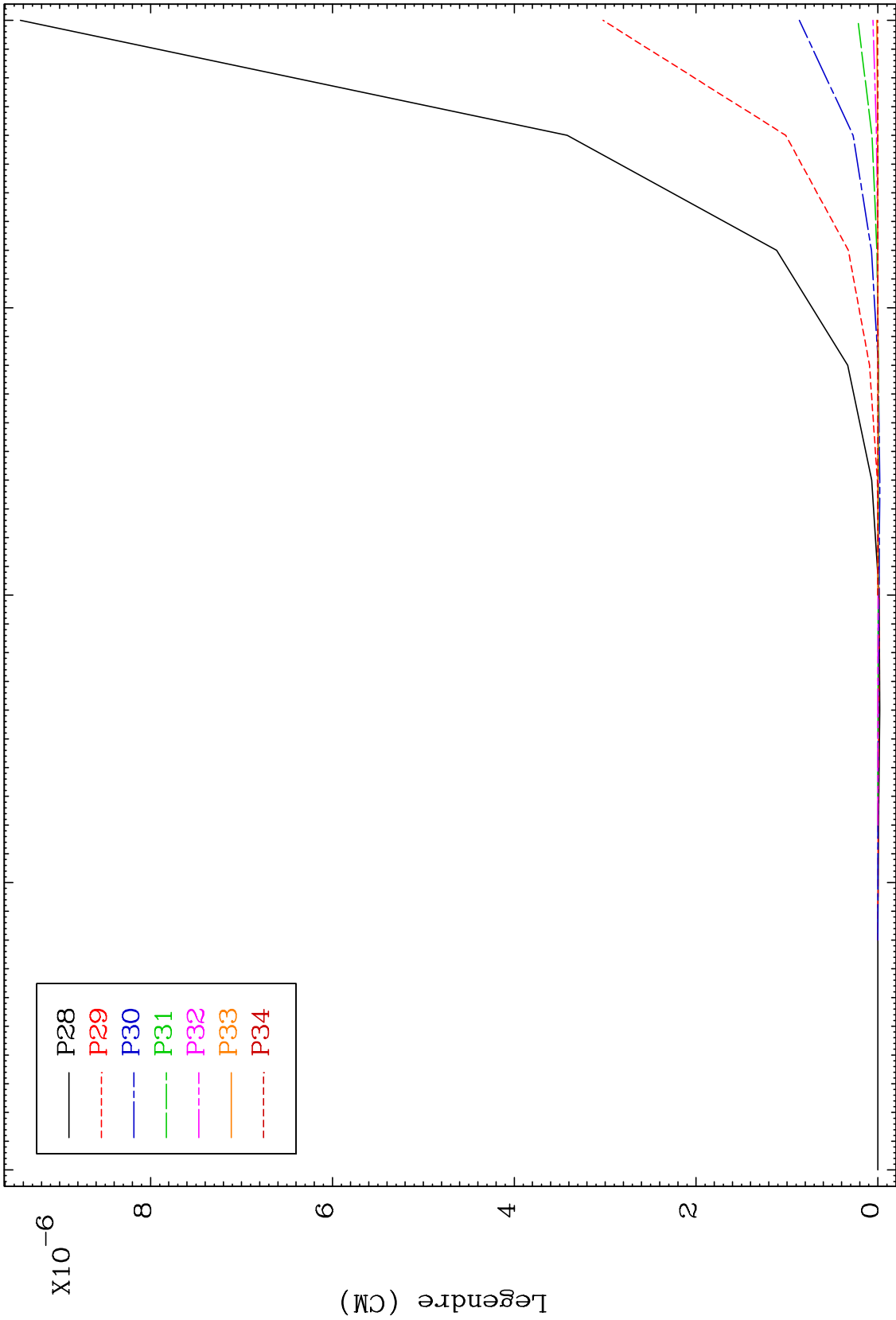
Incident Energy (MeV)

77-Ir-192

MAT 7728

Elastic Legendre Coefficients

77-Ir-192



19

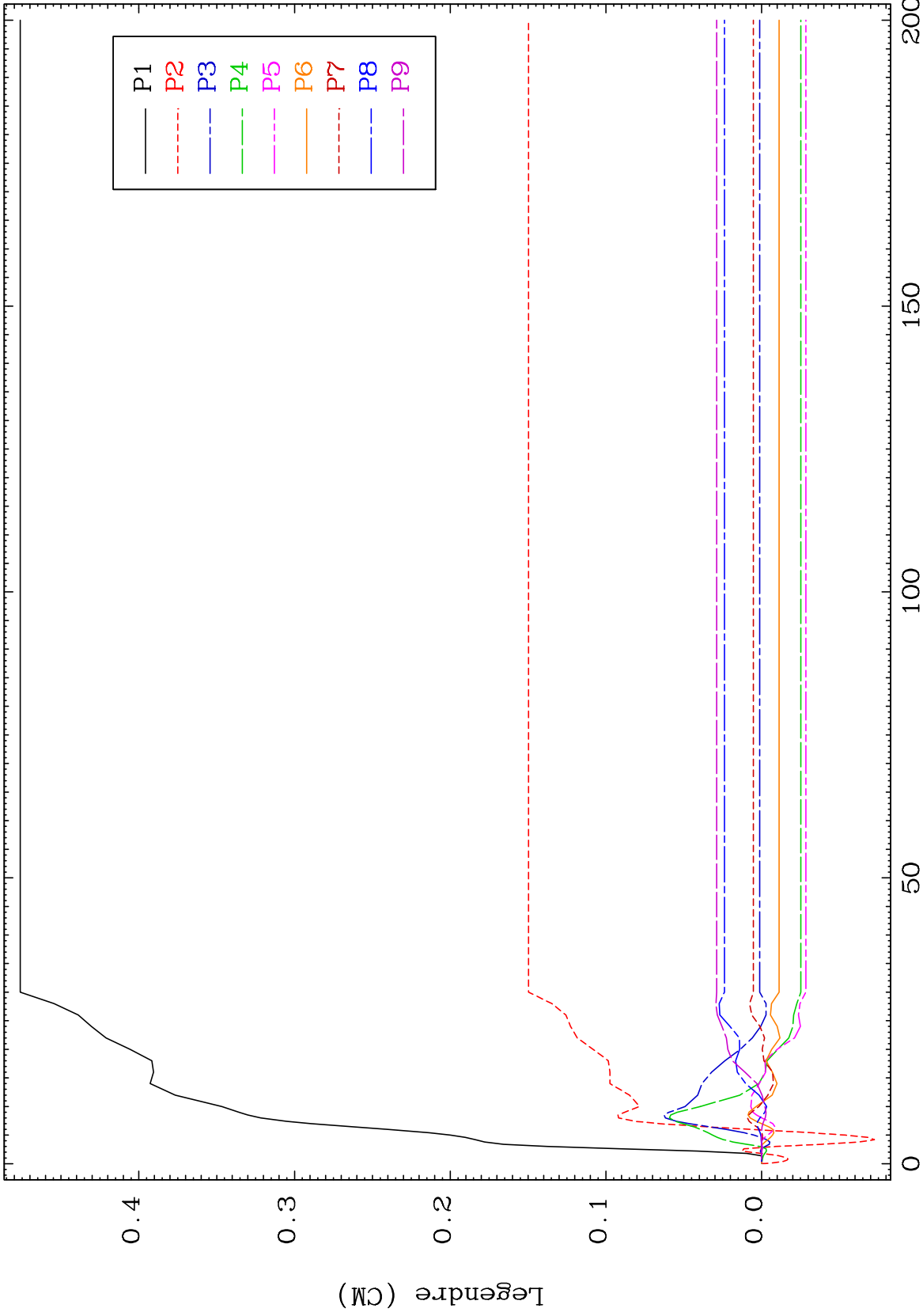
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



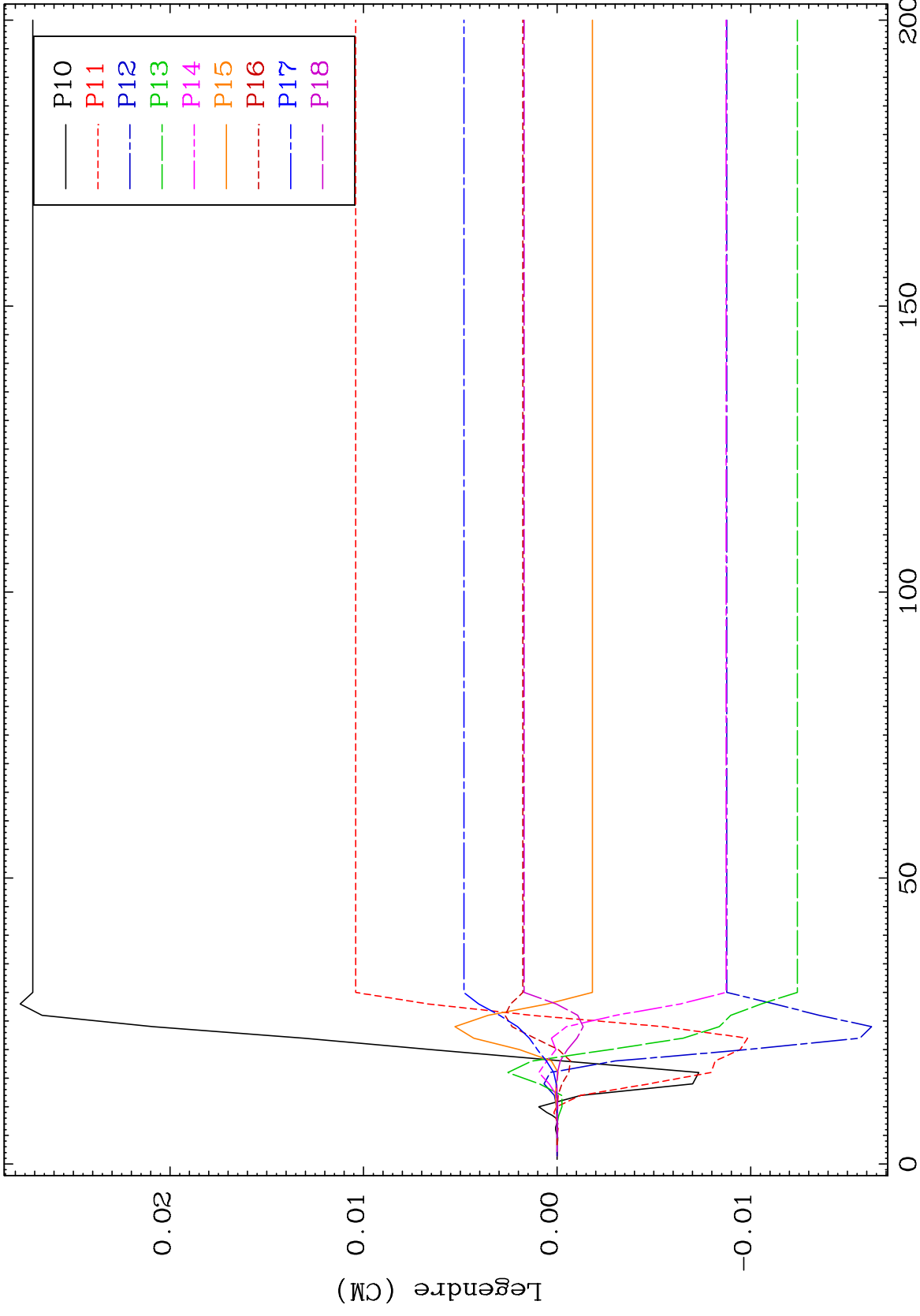
77-Ir-192

Incident Energy (MeV)

MAT 7728

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

77-Ir-192



21

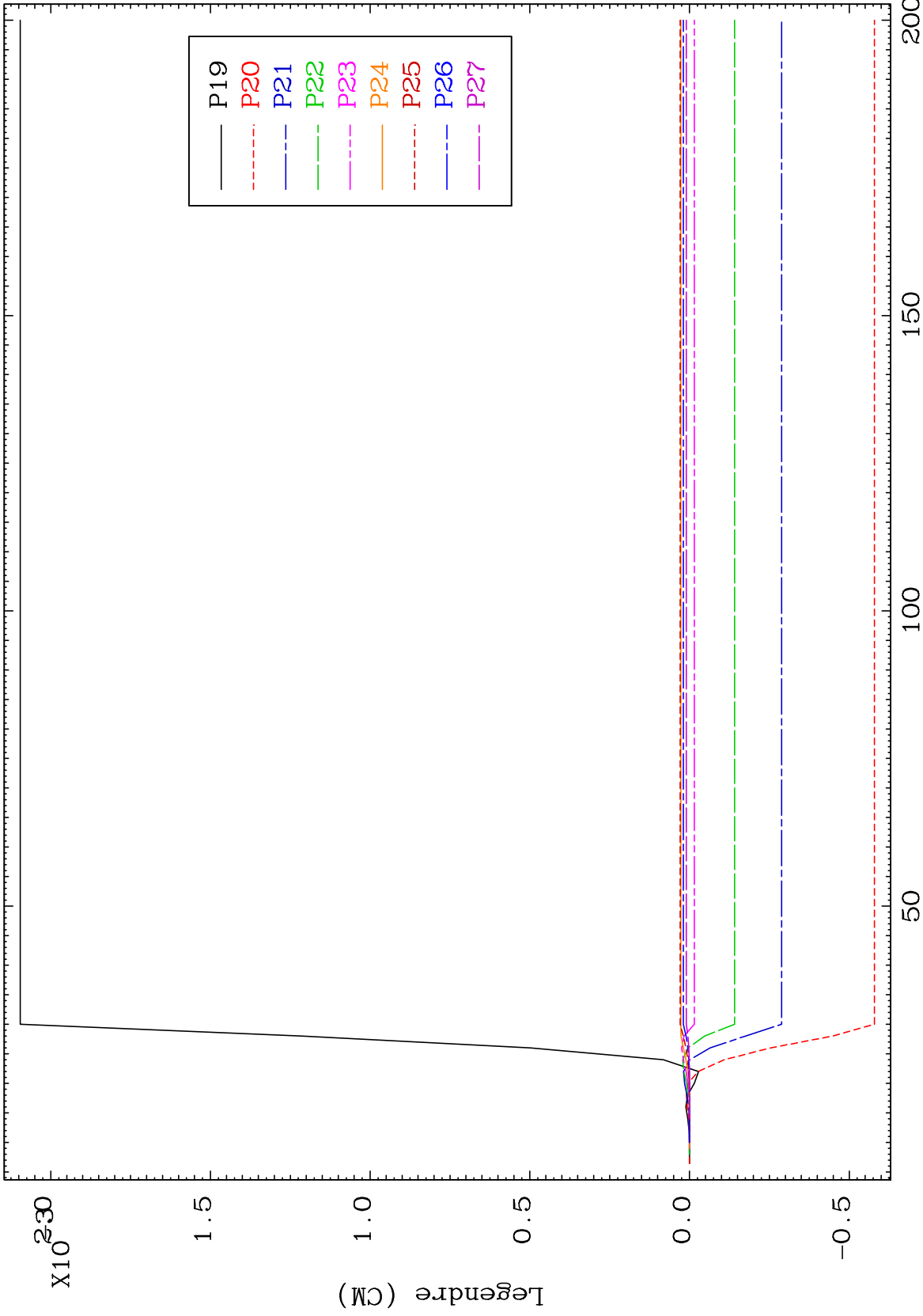
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



22

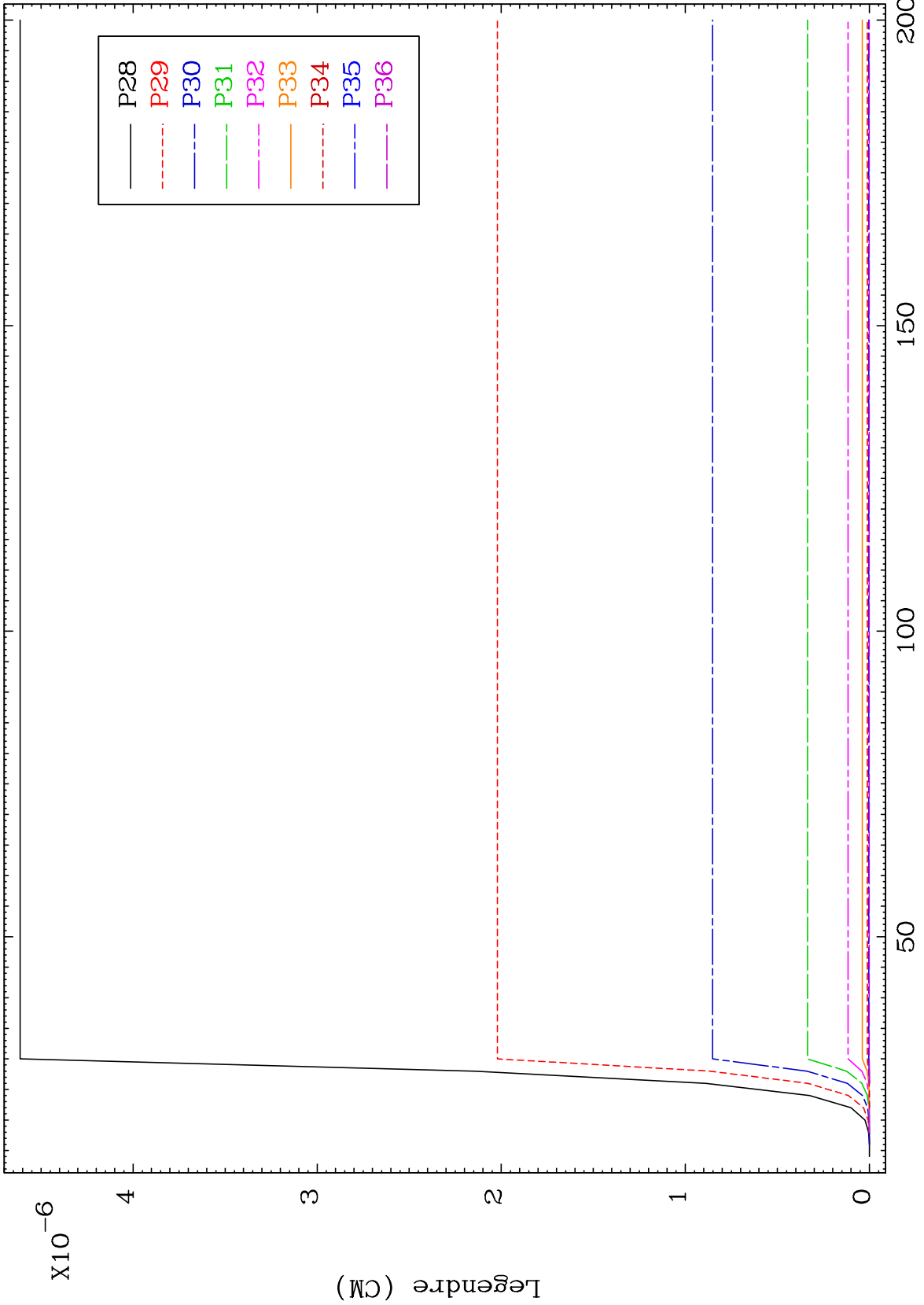
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



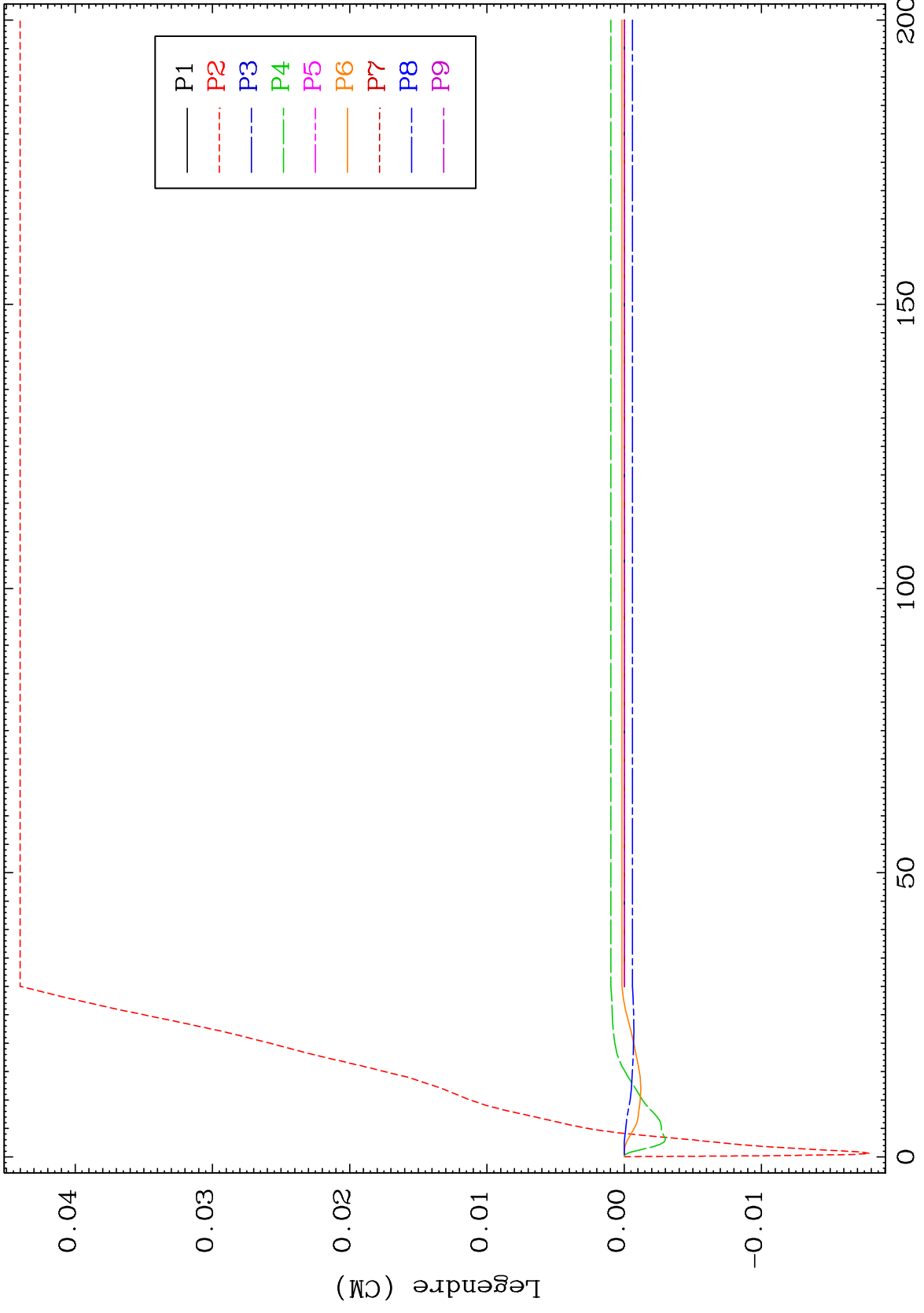
23

77-Ir-192

MAT 7728

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

77-Ir-192



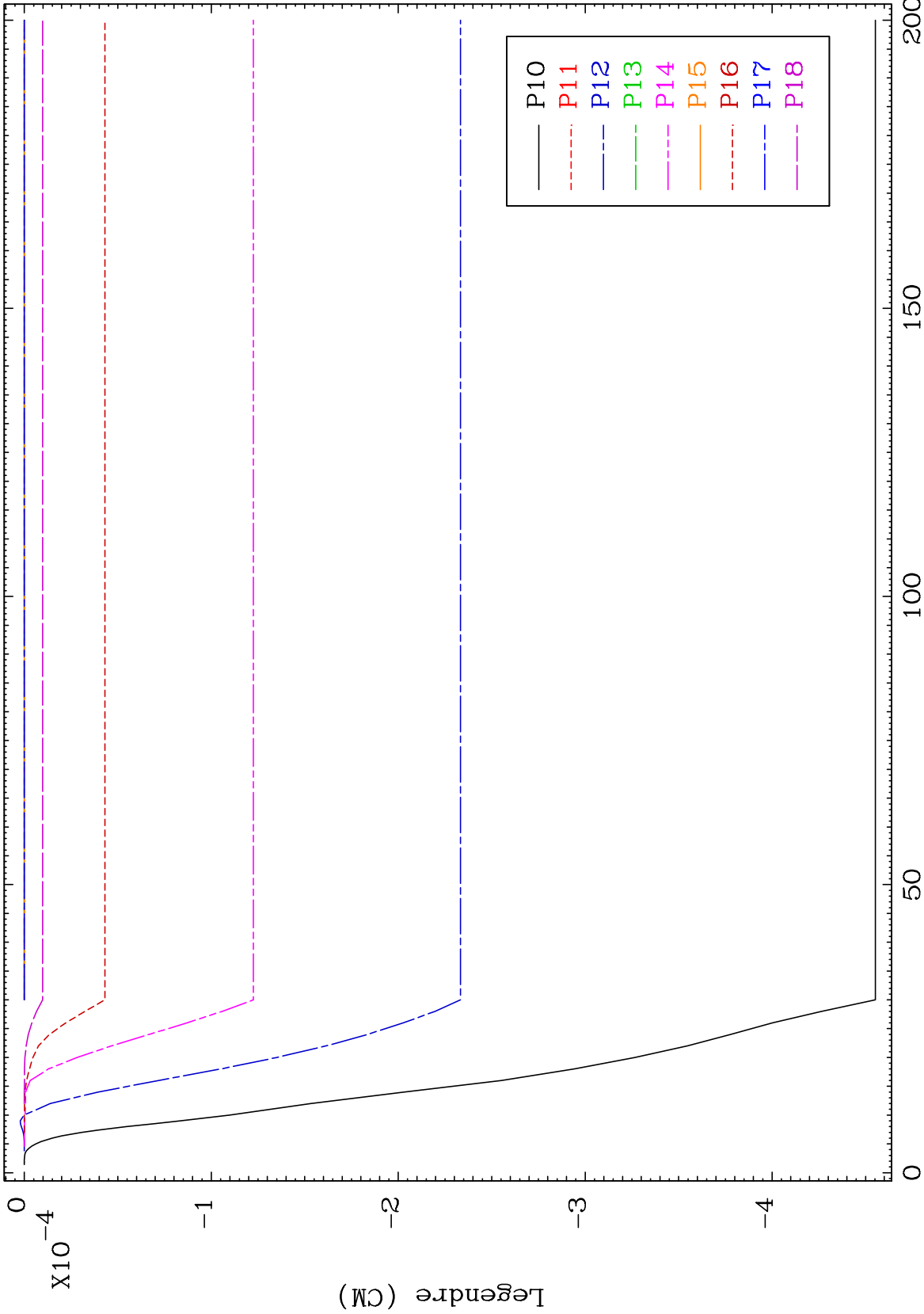
24

77-Ir-192

MAT 7728

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

77-Ir-192



25

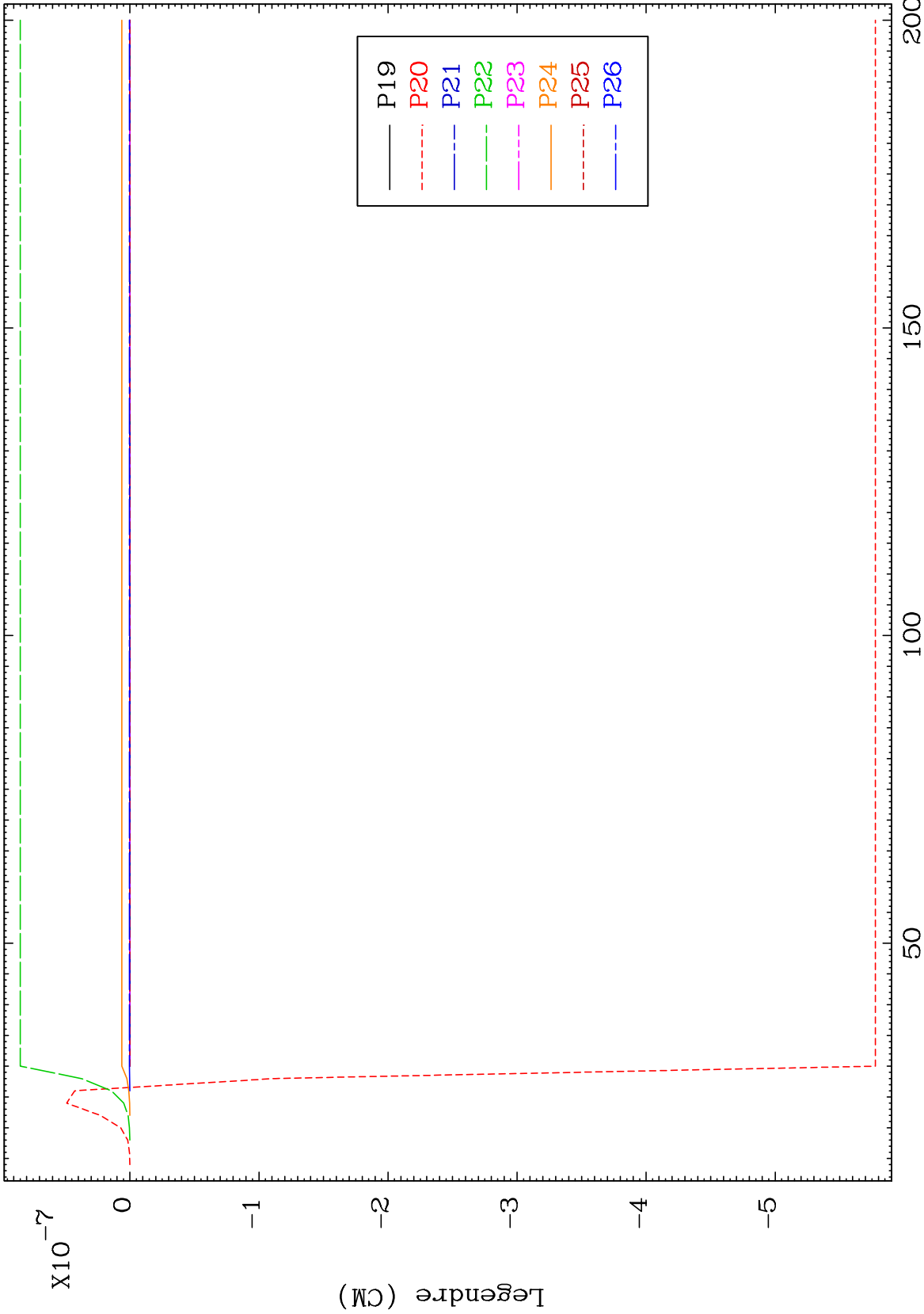
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



26

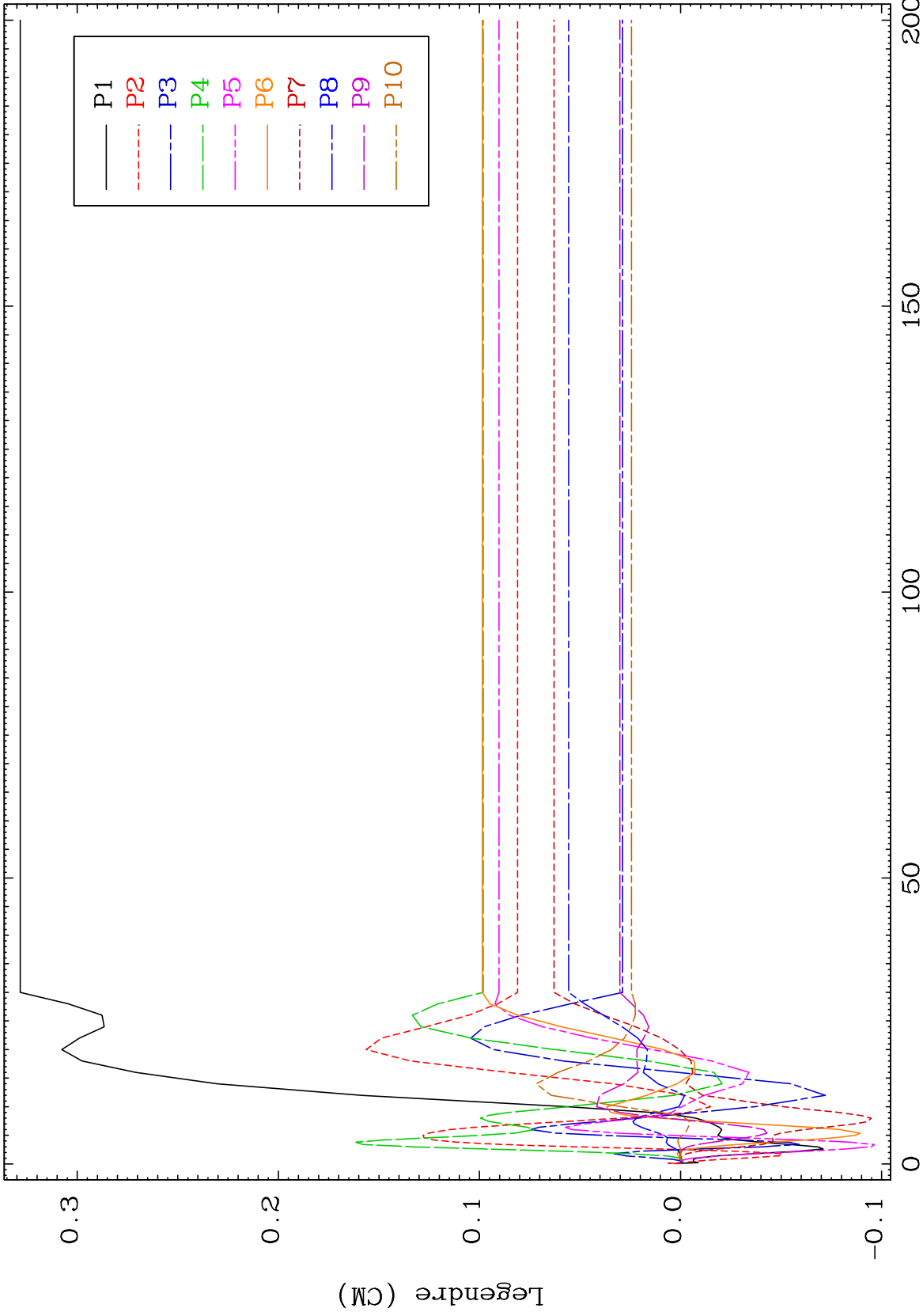
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



27

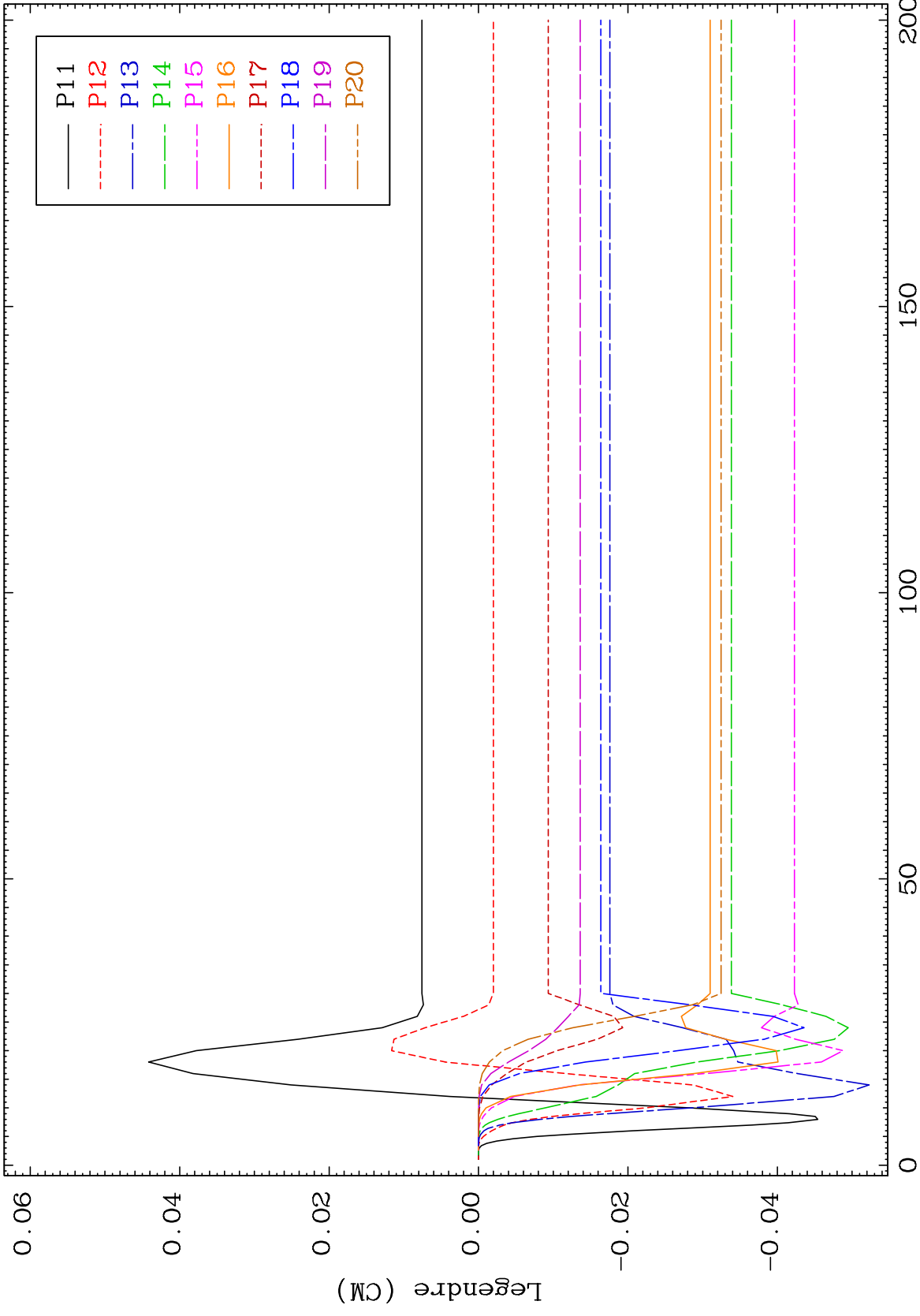
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



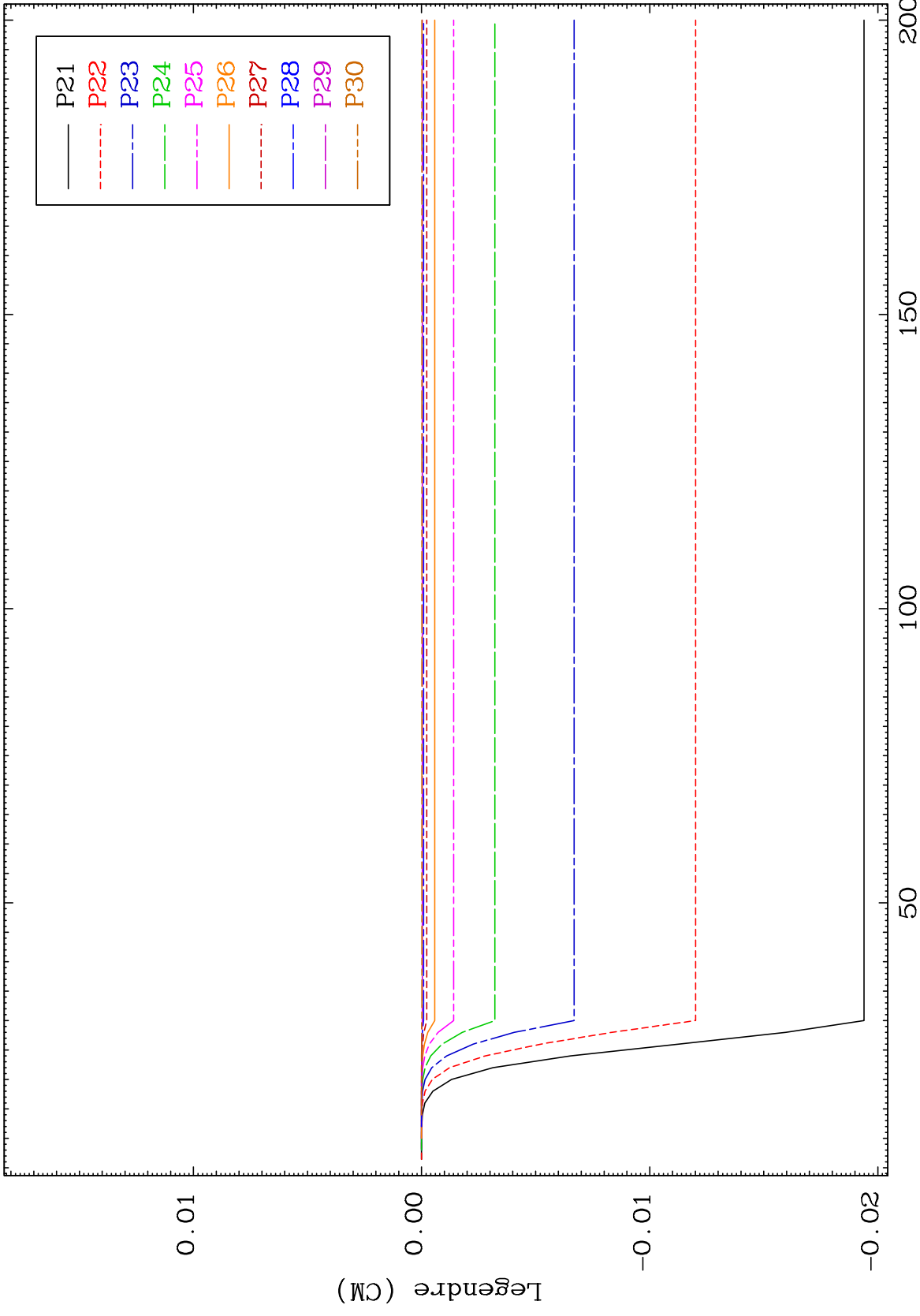
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77-Ir-192

MAT 7728

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

77-Ir-192



29

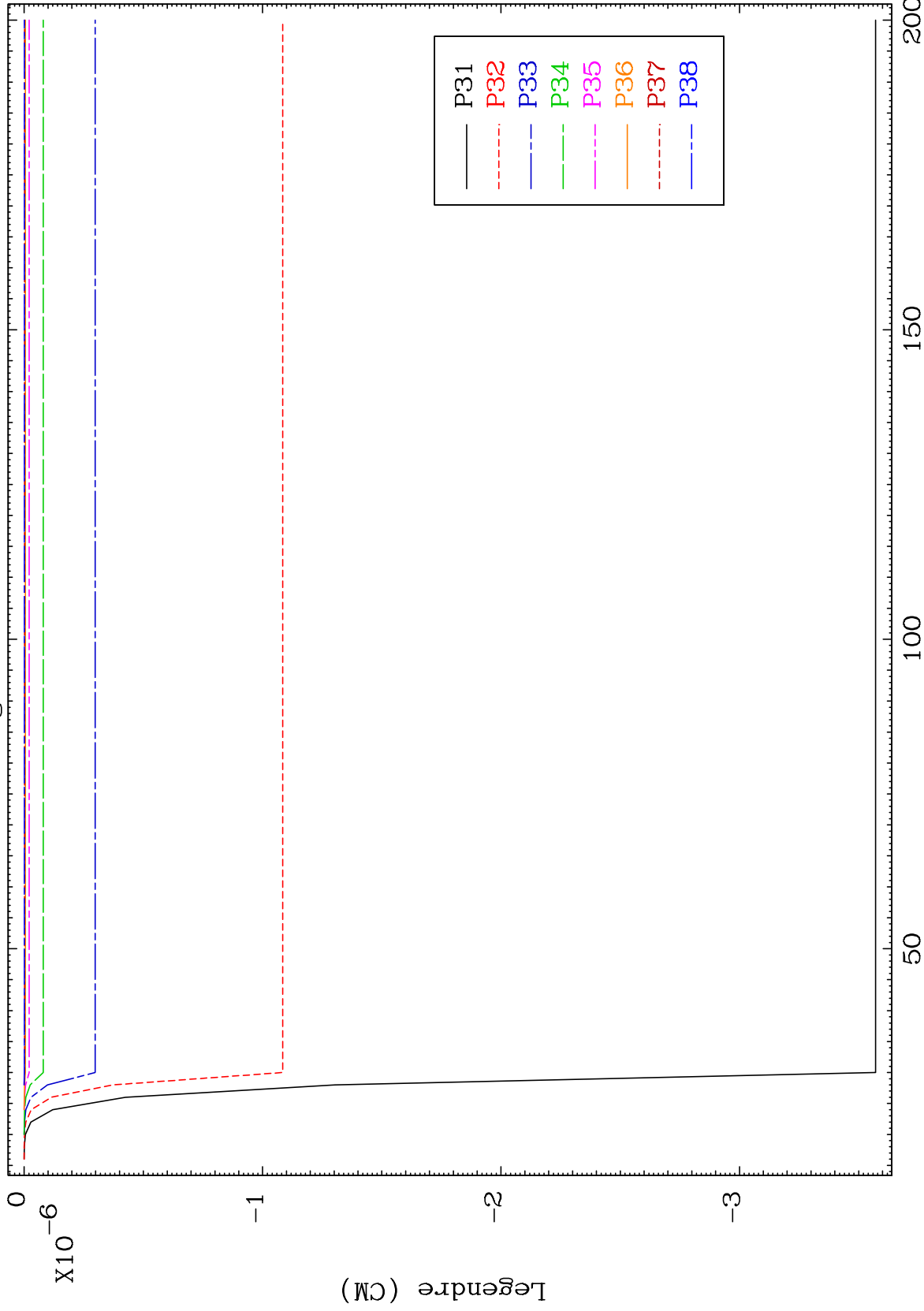
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192

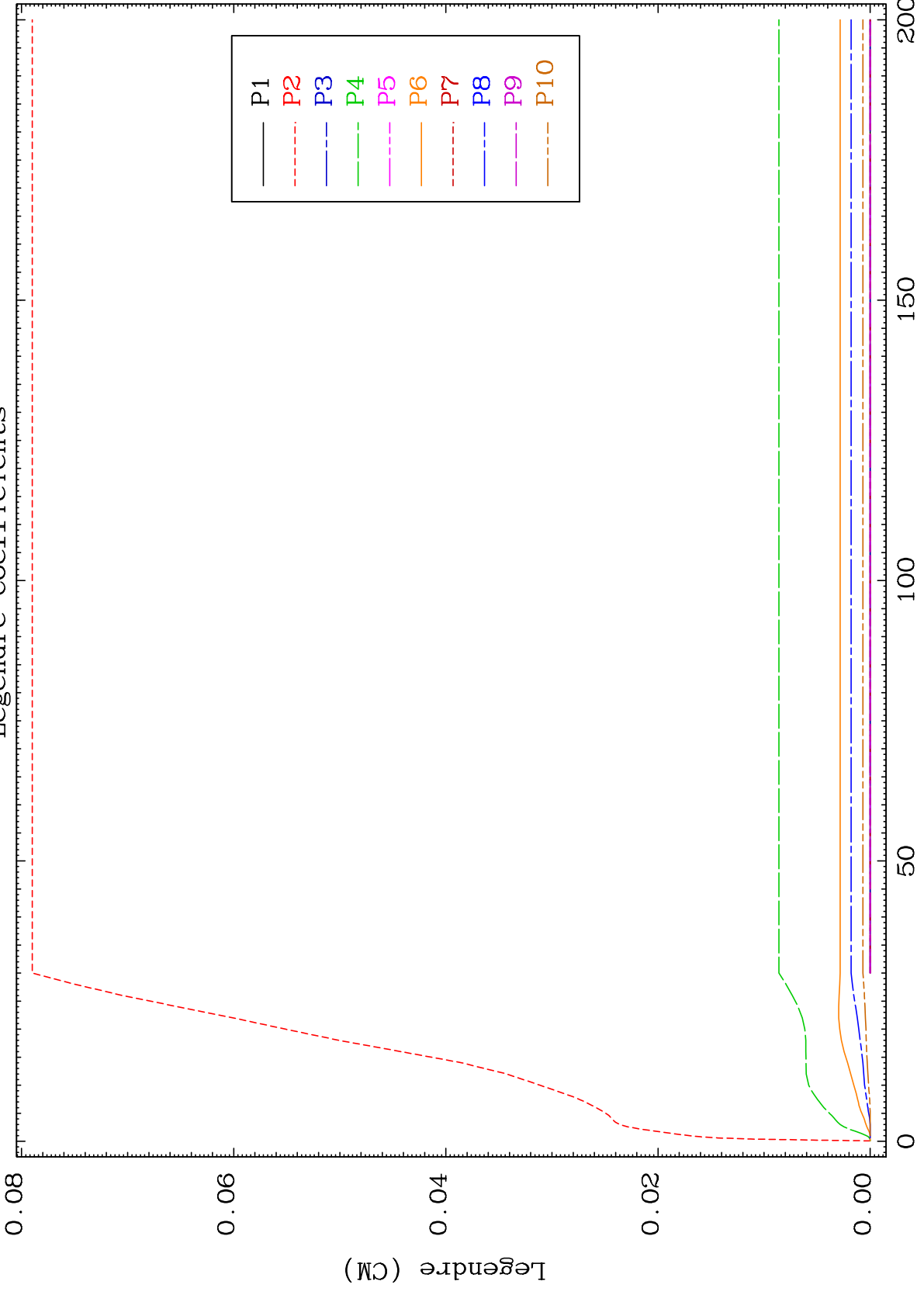


30

Incident Energy (MeV)

77-Ir-192

MAT 7728 MT= 54 (n,n') Level Legendre Coefficients 77-Ir-192

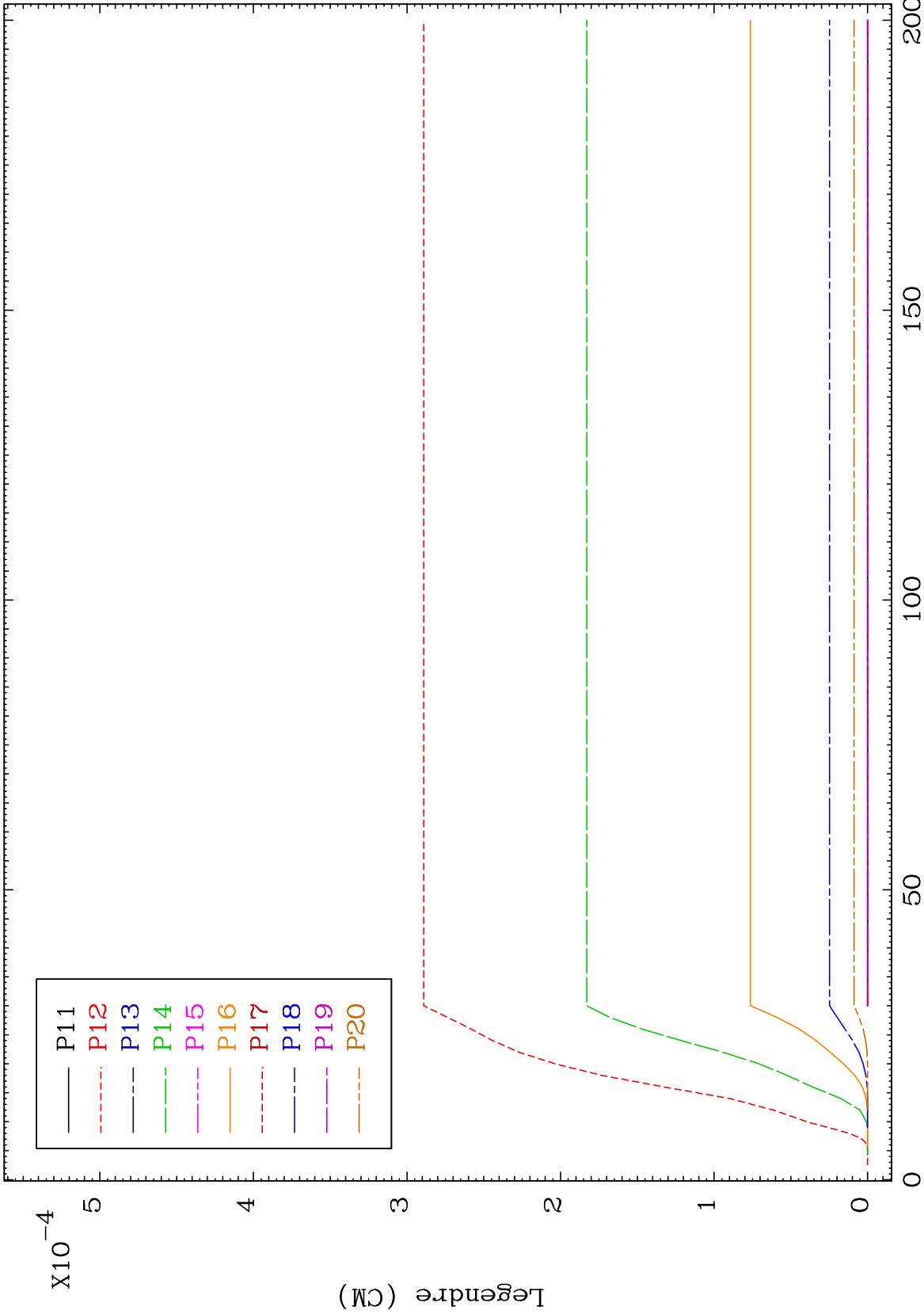


31 77-Ir-192

MAT 7728

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

77-Ir-192



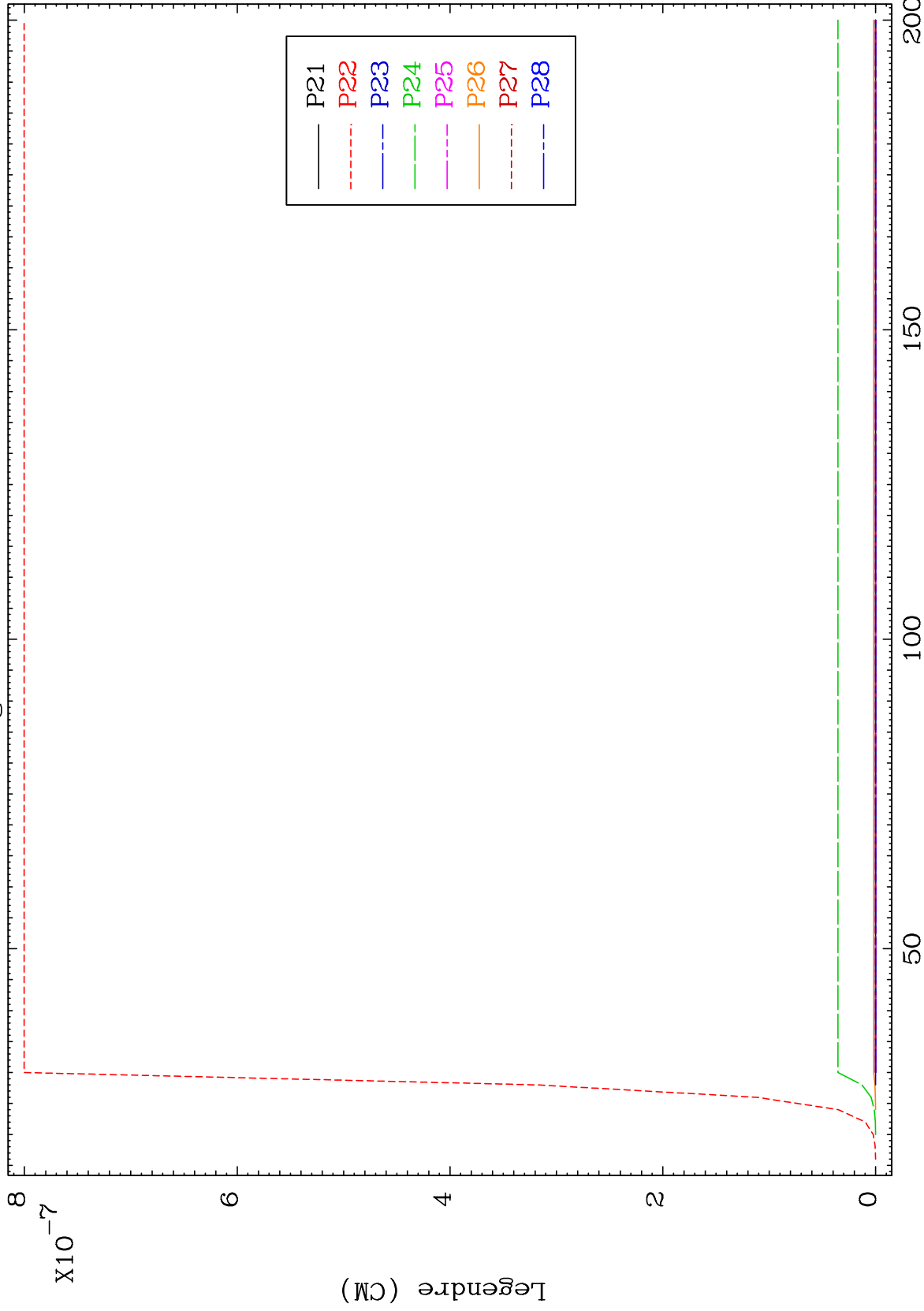
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77-Ir-192

MAT 7728

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

77-Ir-192

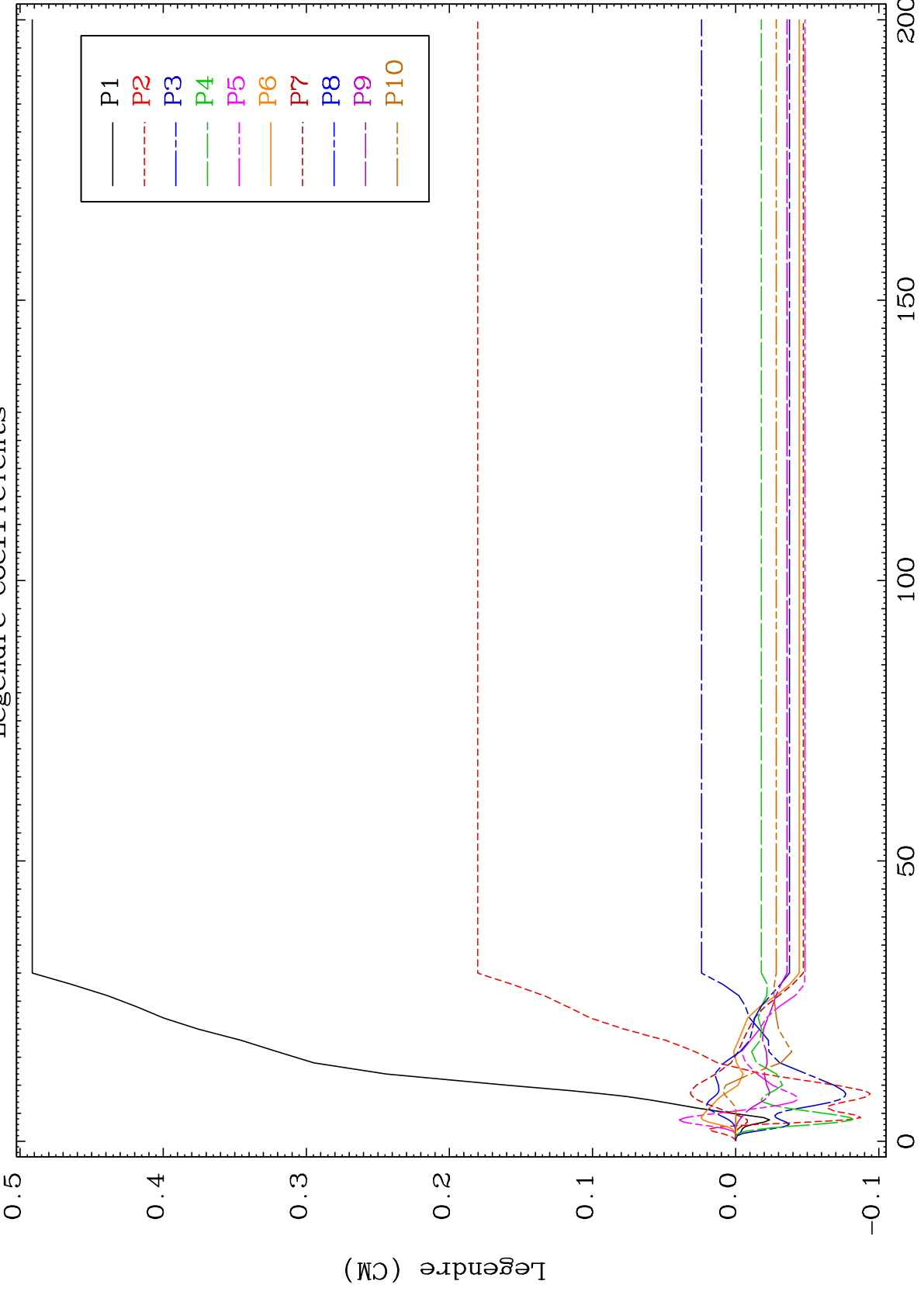


33

Incident Energy (MeV)

77-Ir-192

MAT 7728 MT= 55 (n,n') Level Legendre Coefficients 77-Ir-192

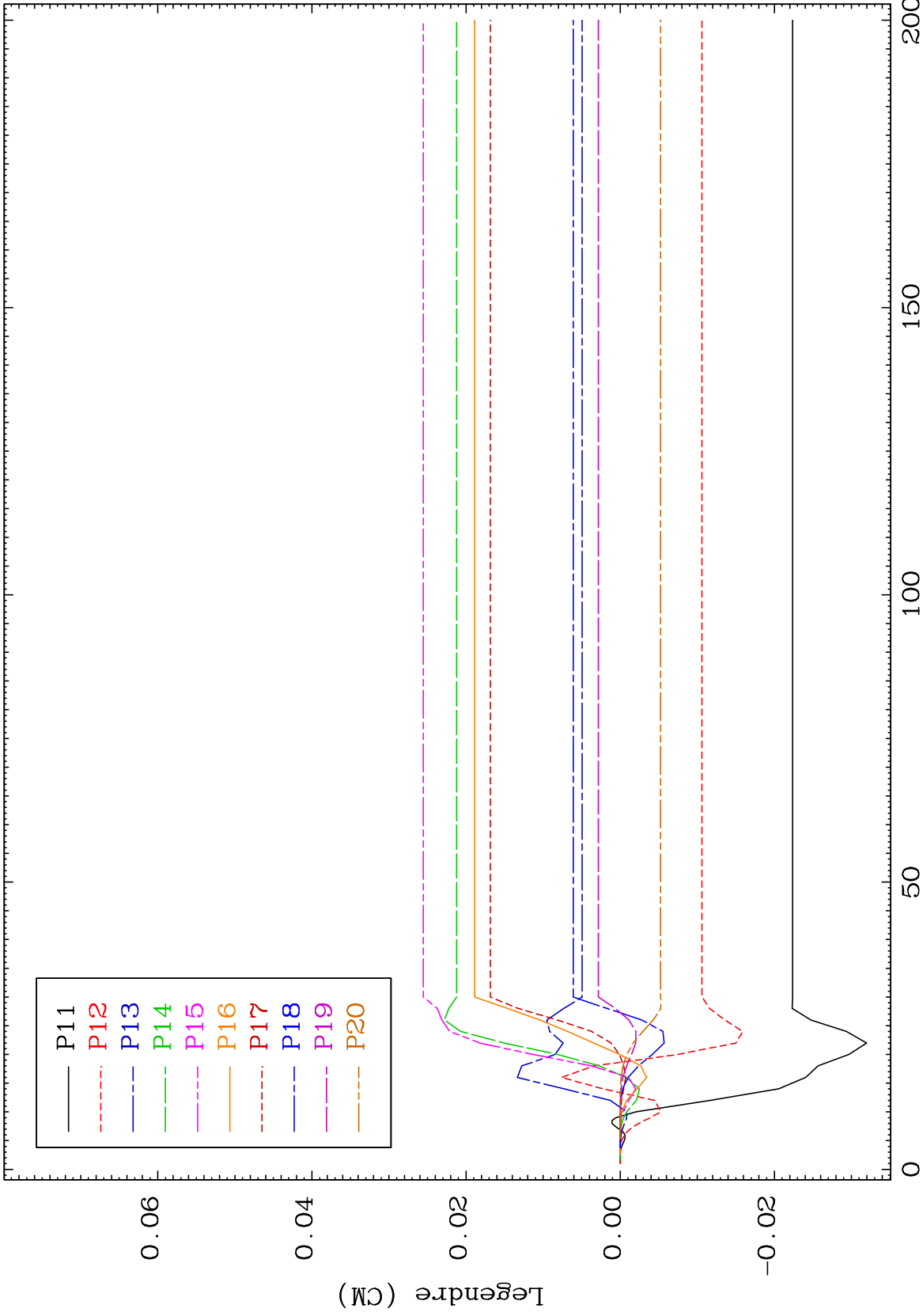


34 77-Ir-192

MAT 7728

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

77-Ir-192



35

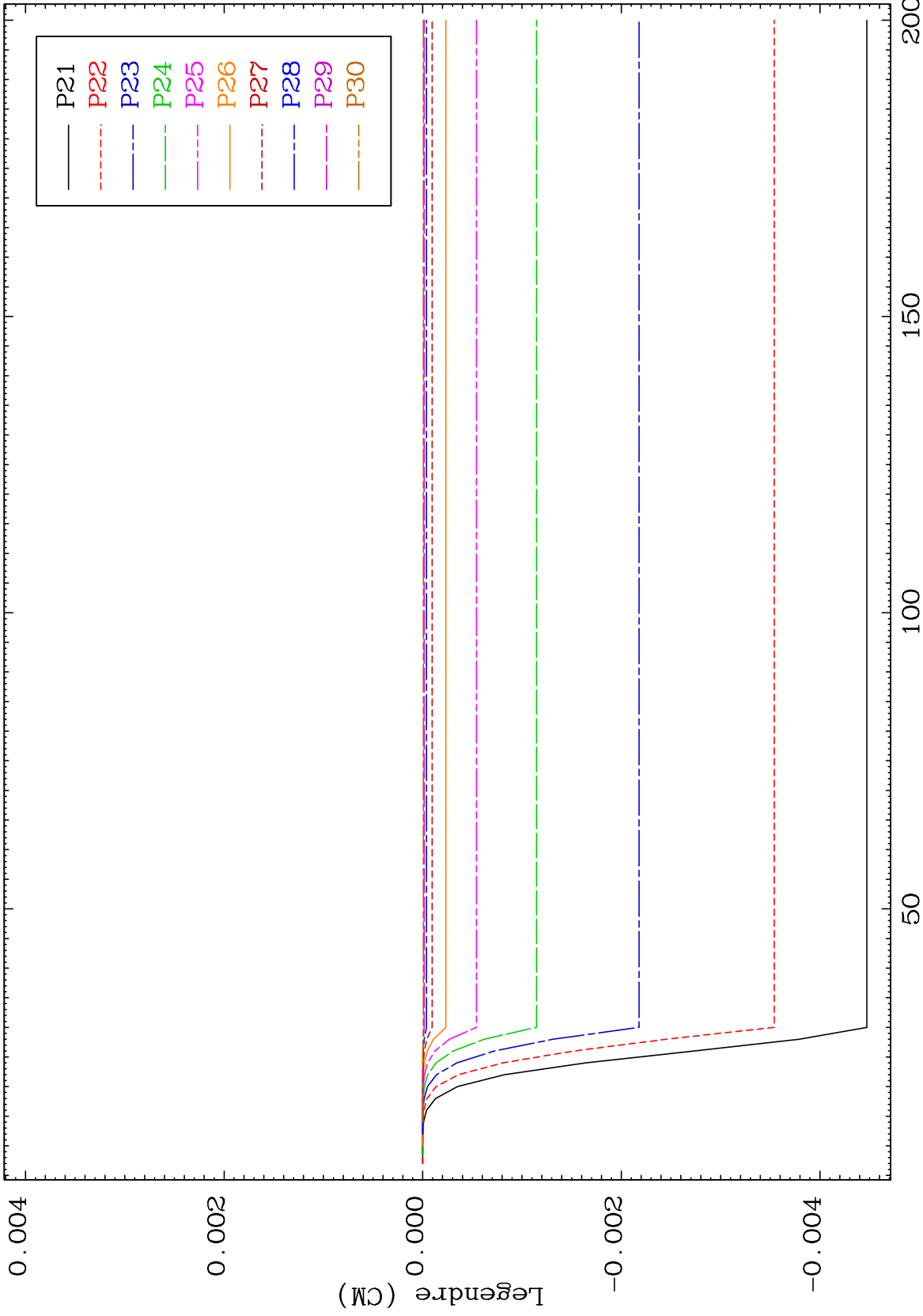
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



36

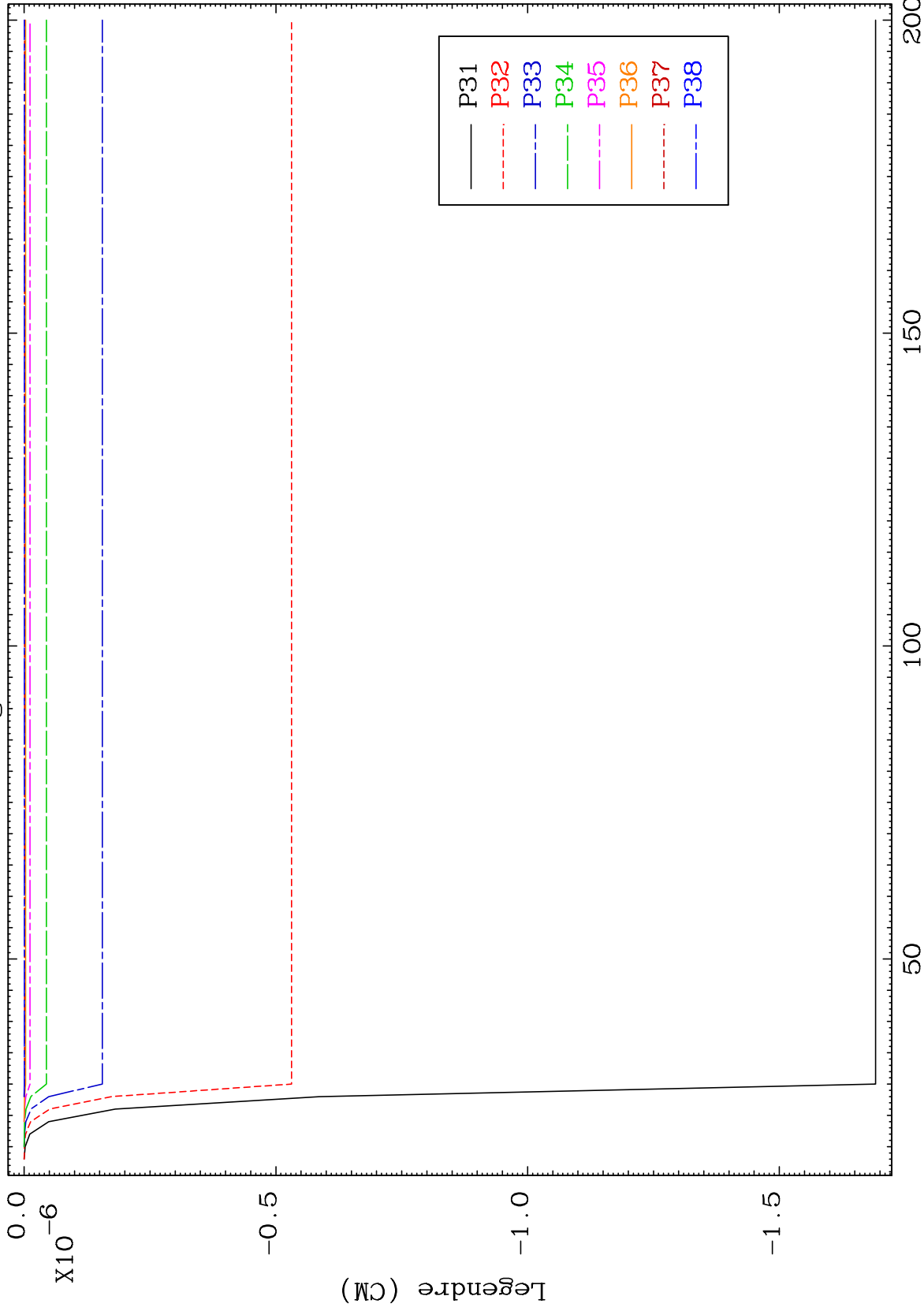
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



37

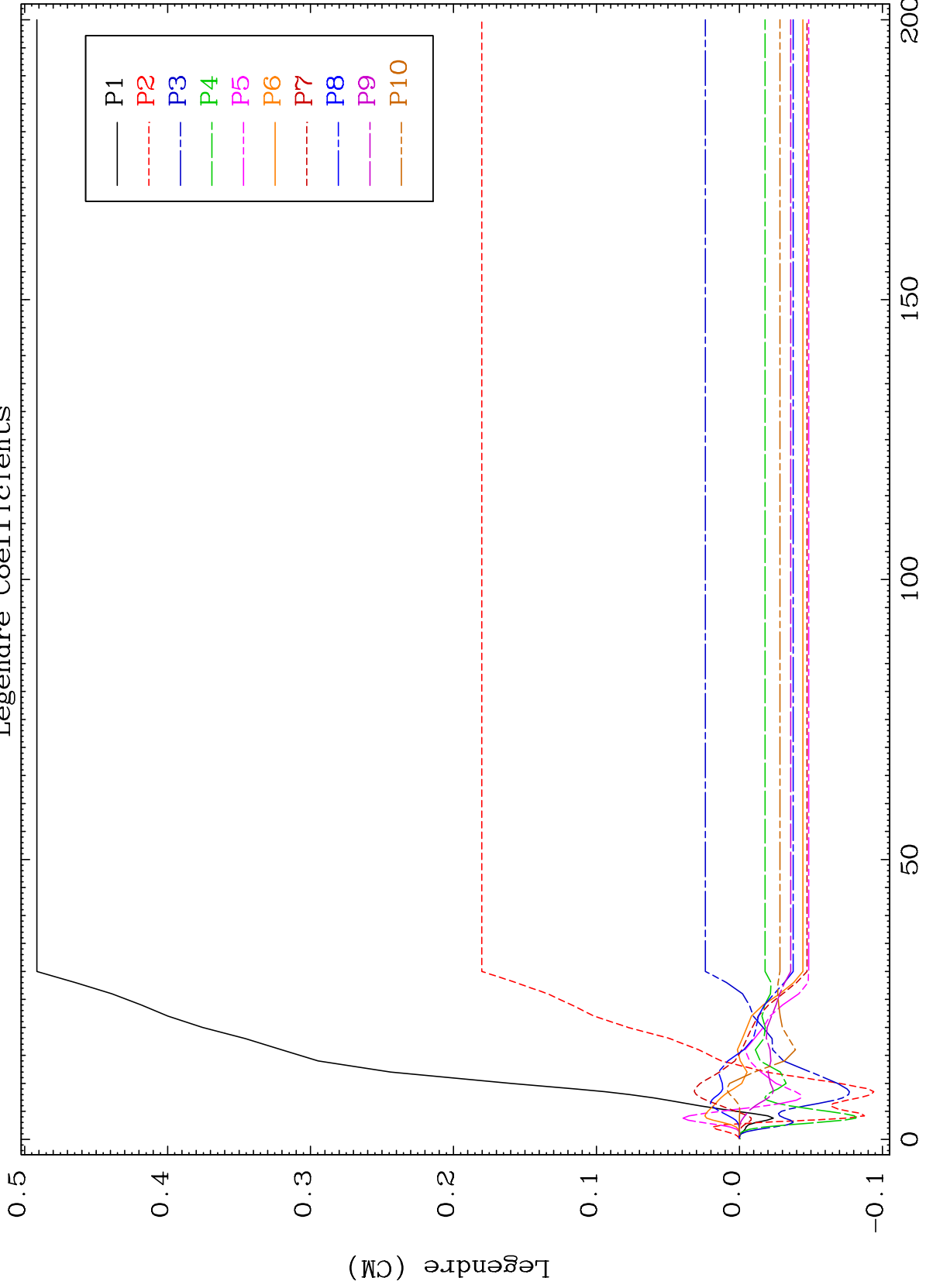
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



38

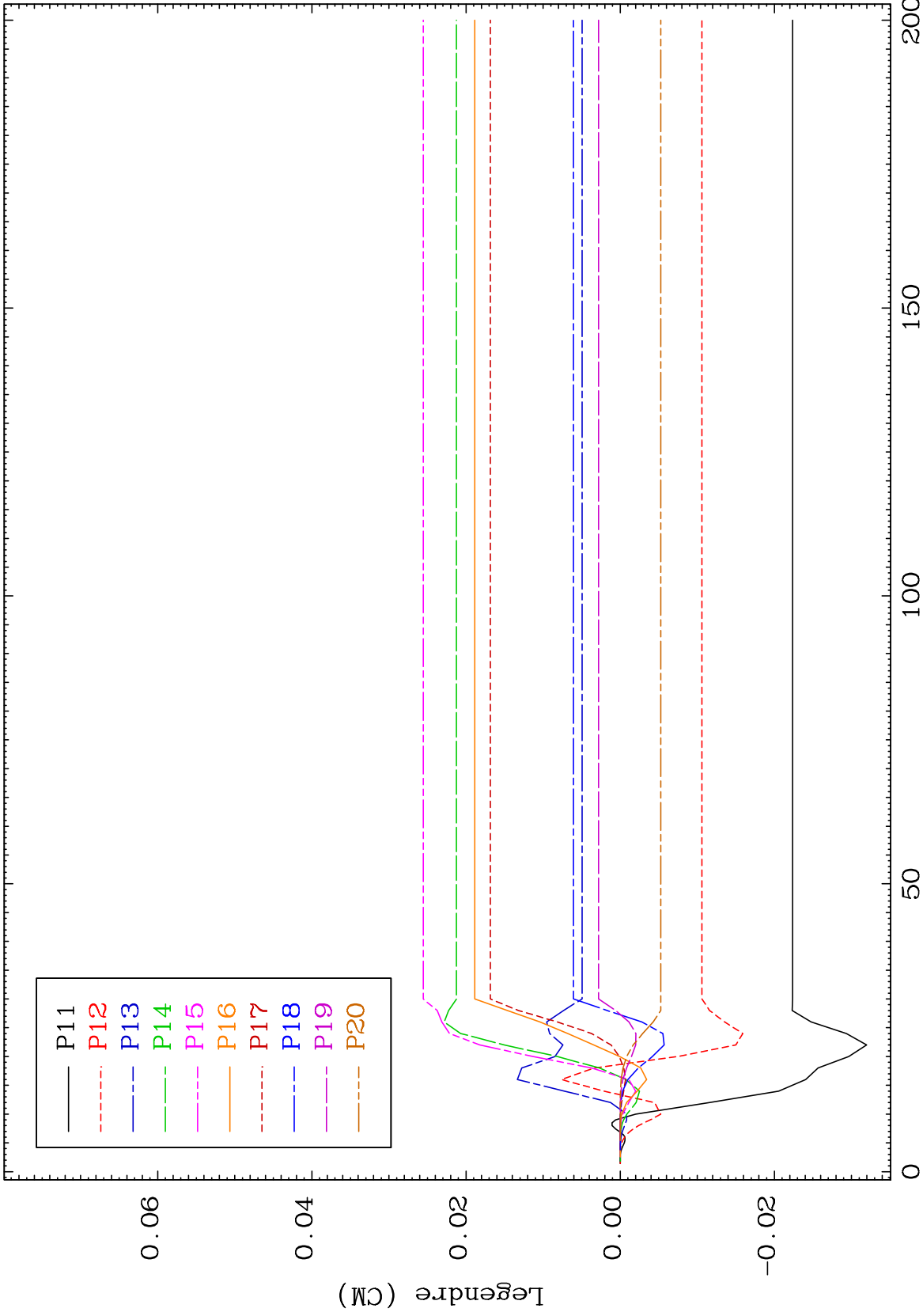
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



39

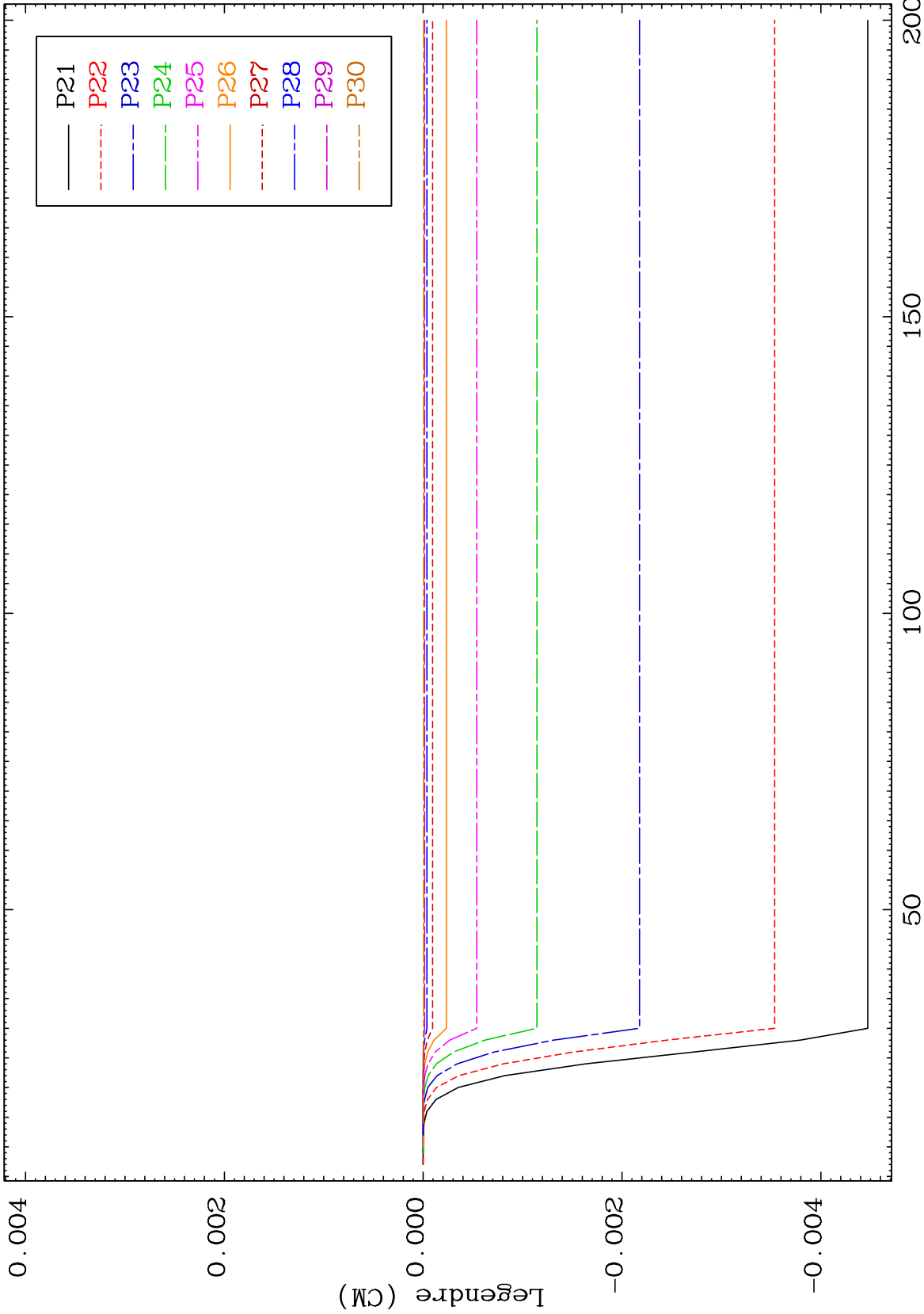
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



40

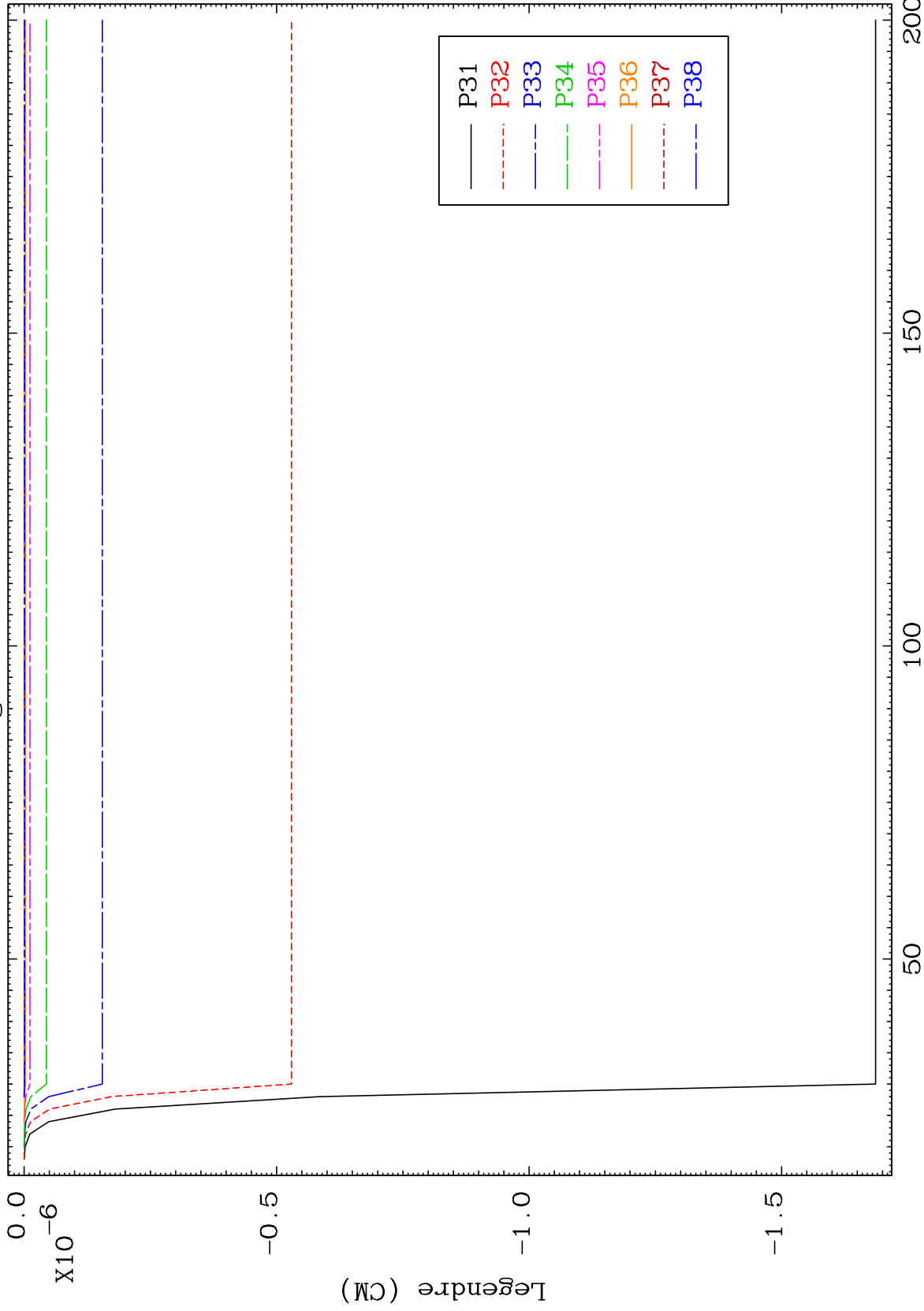
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



41

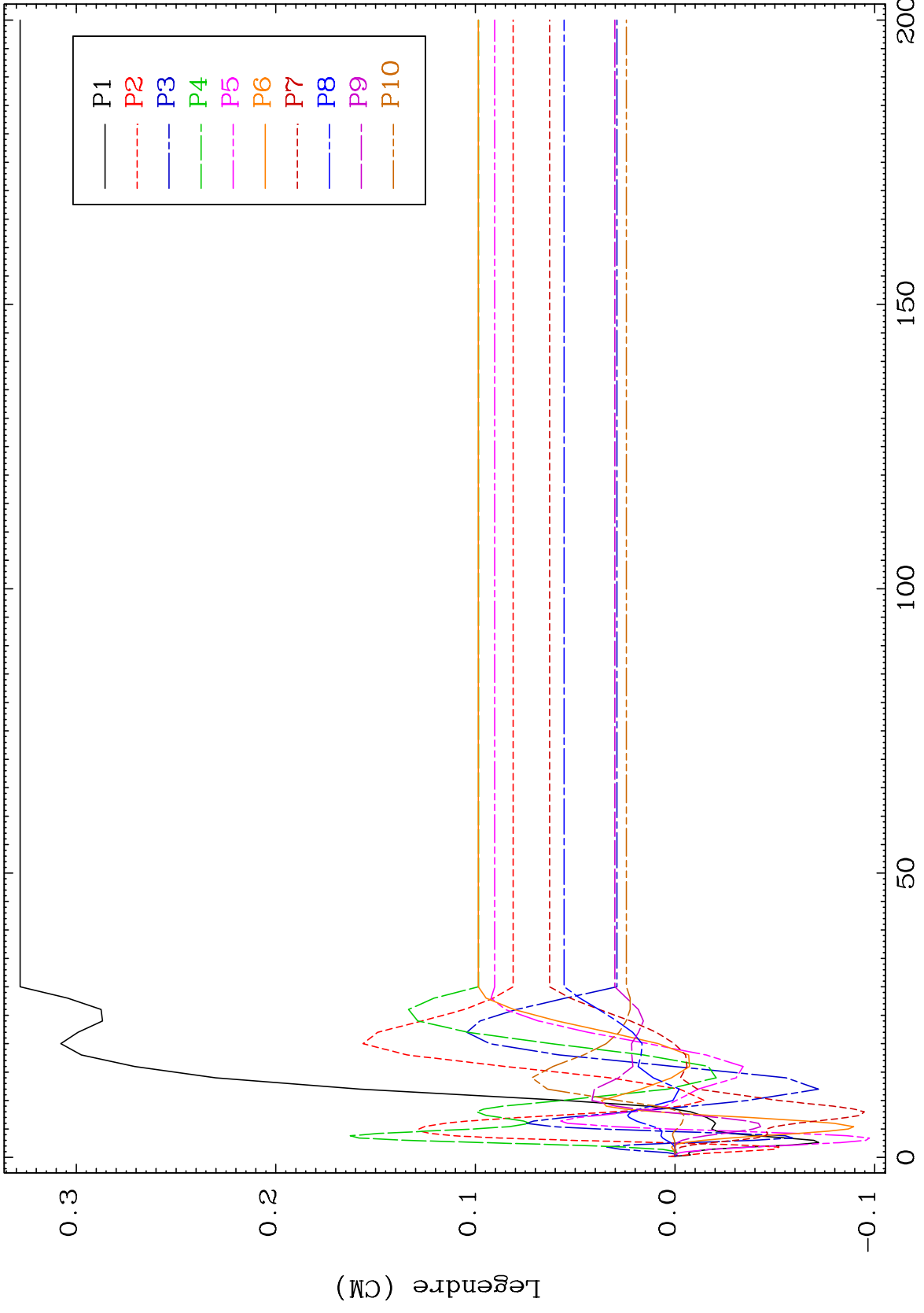
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



42

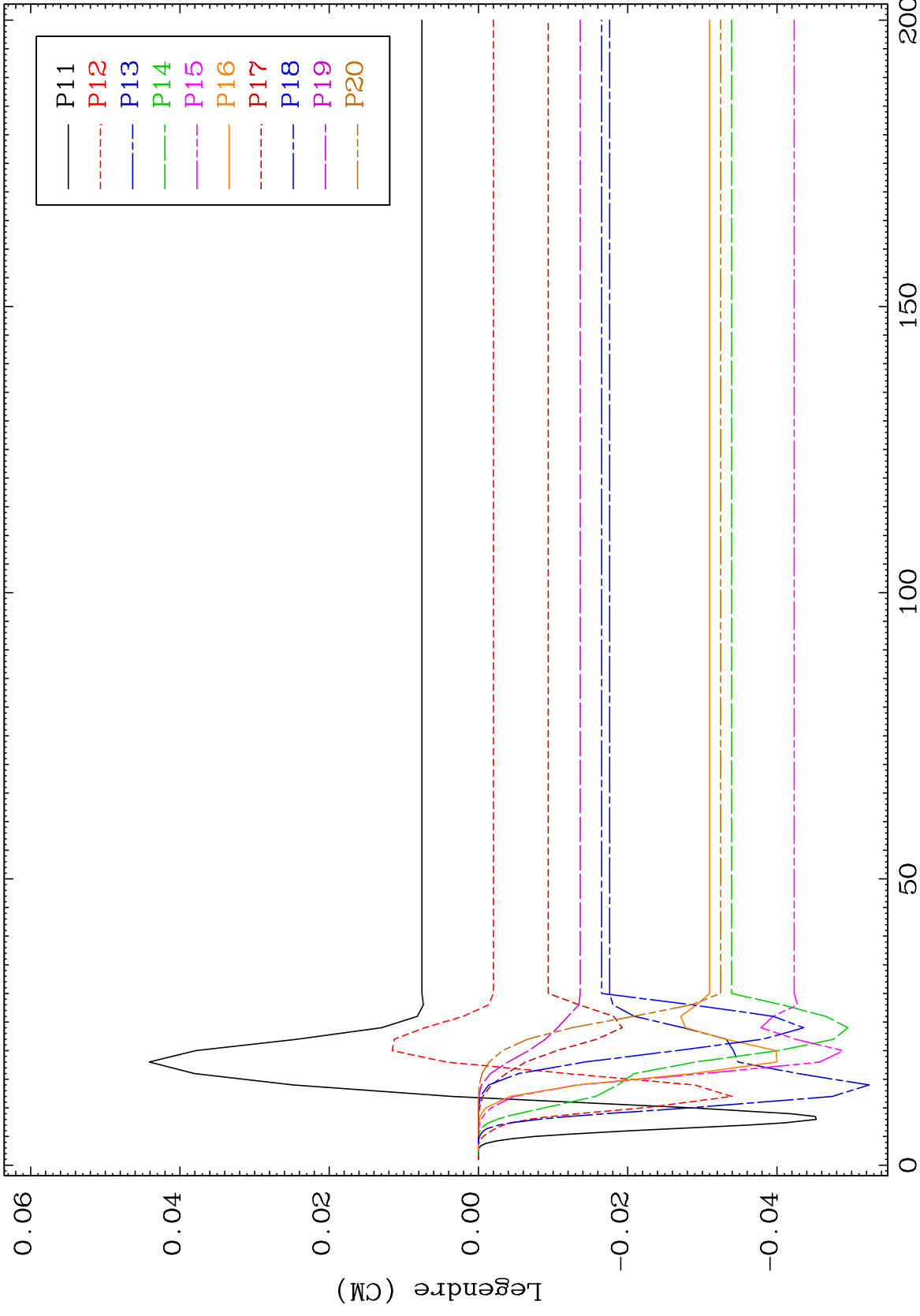
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



43

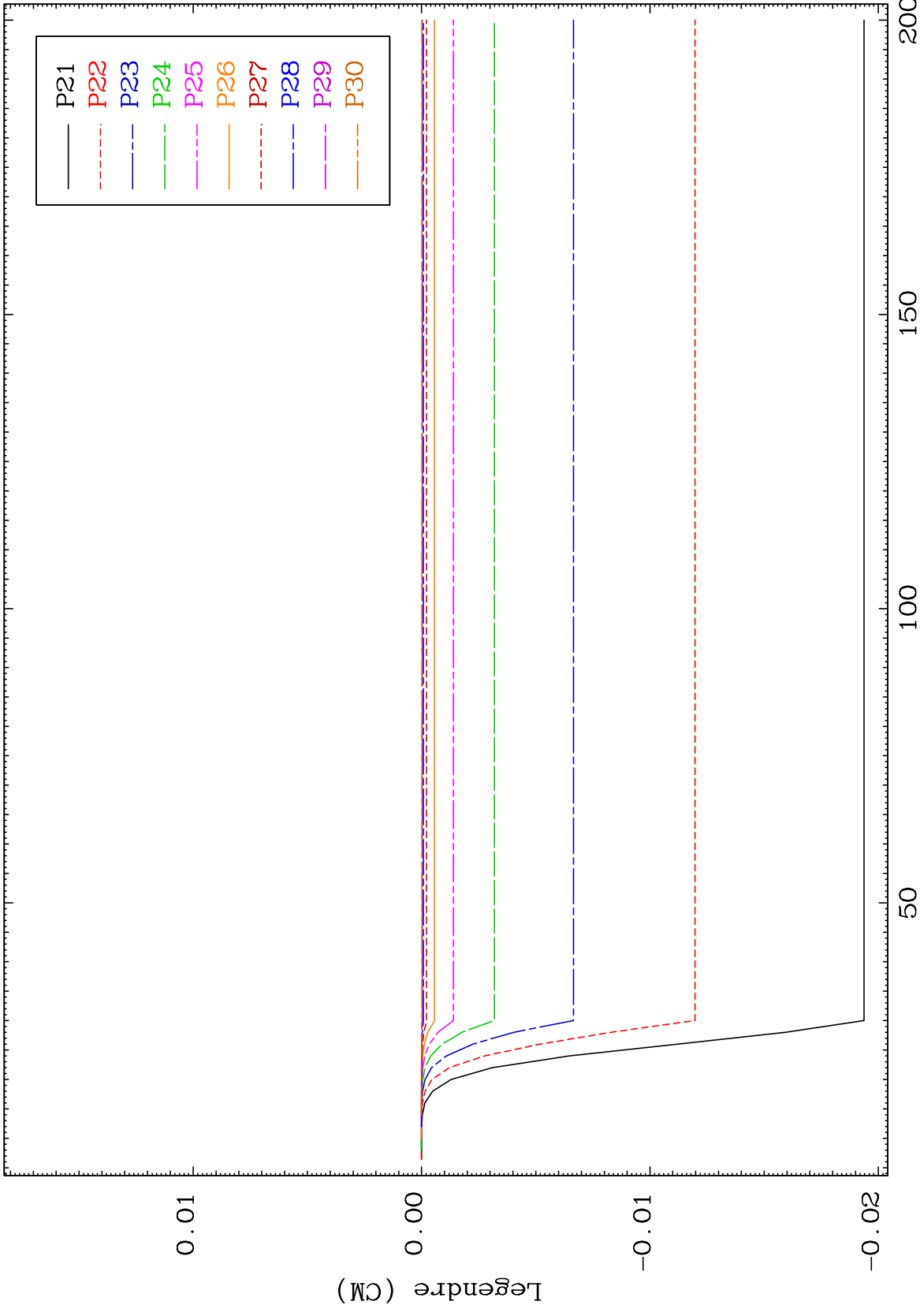
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



44

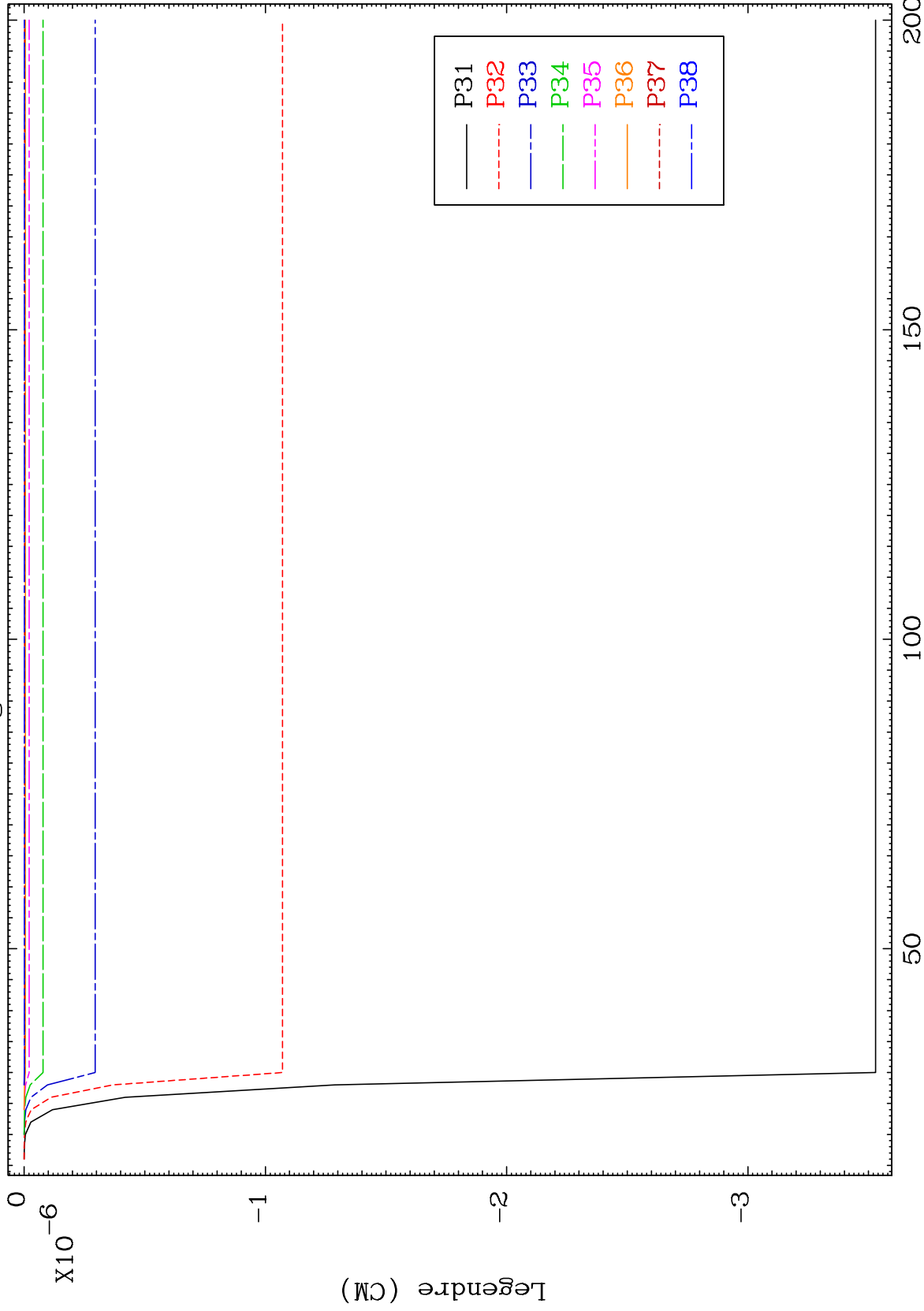
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



45

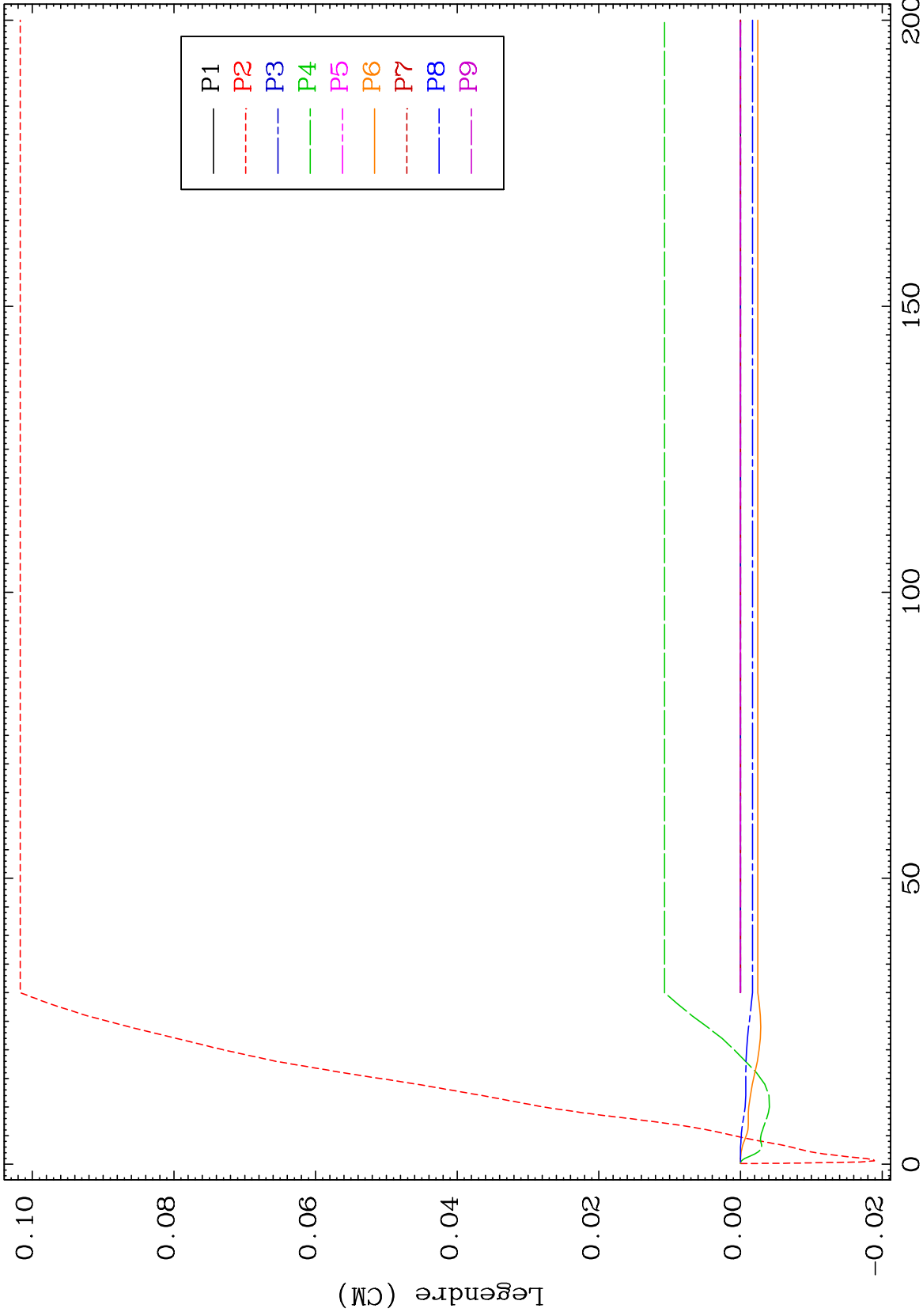
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



46

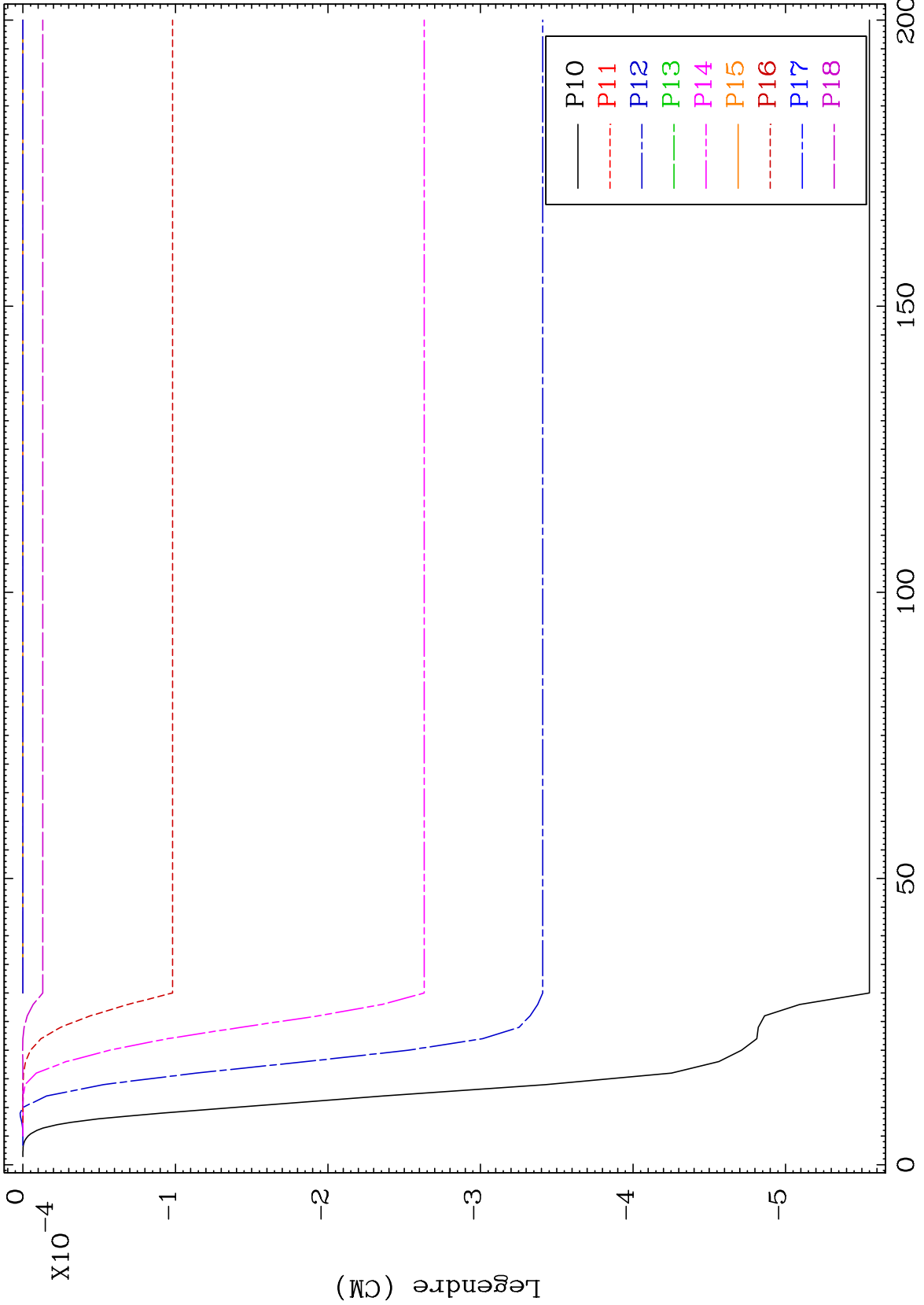
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

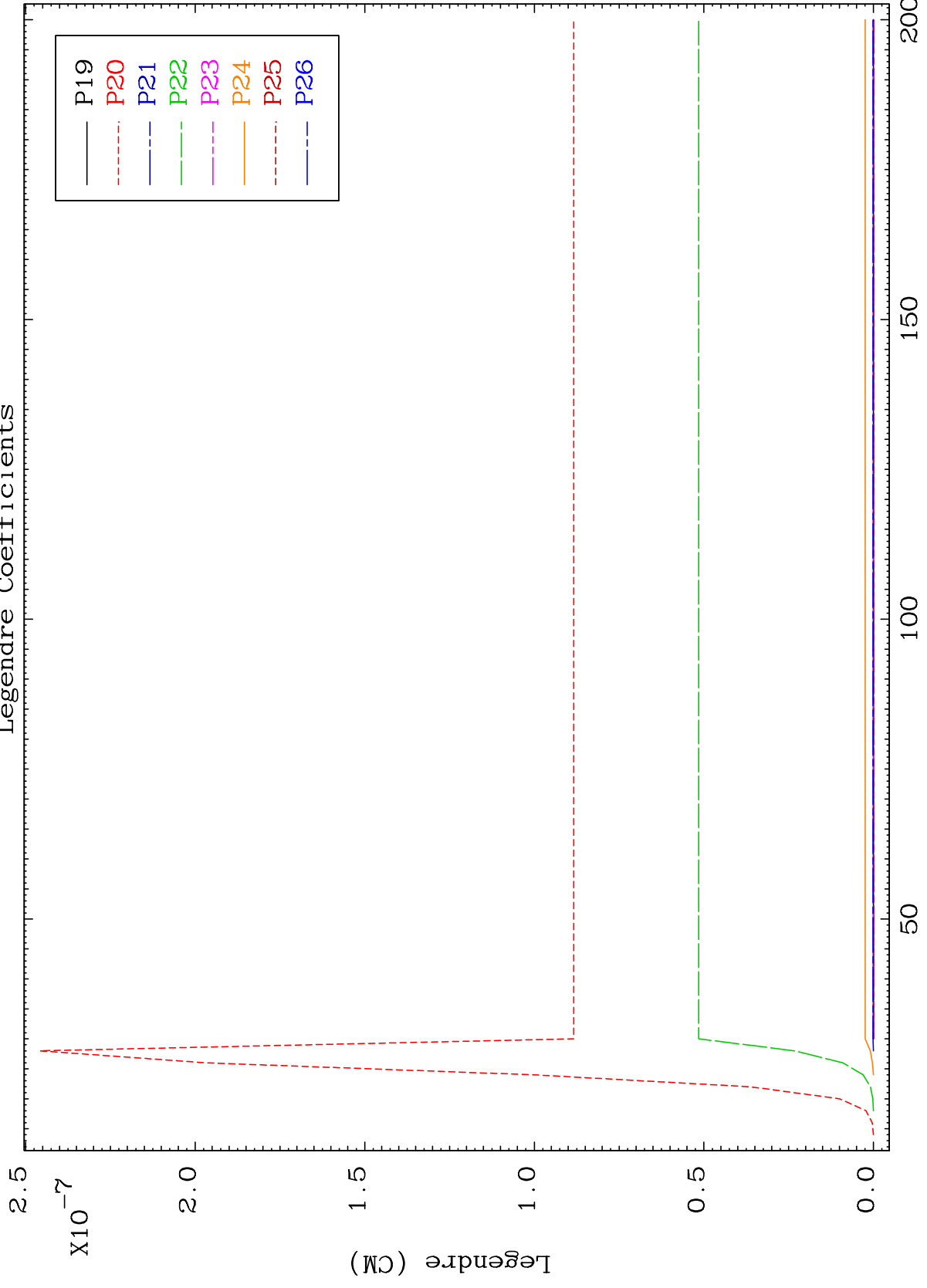
77-Ir-192



47

77-Ir-192

MAT 7728 MT= 58 (n,n') Level Legendre Coefficients 77-Ir-192

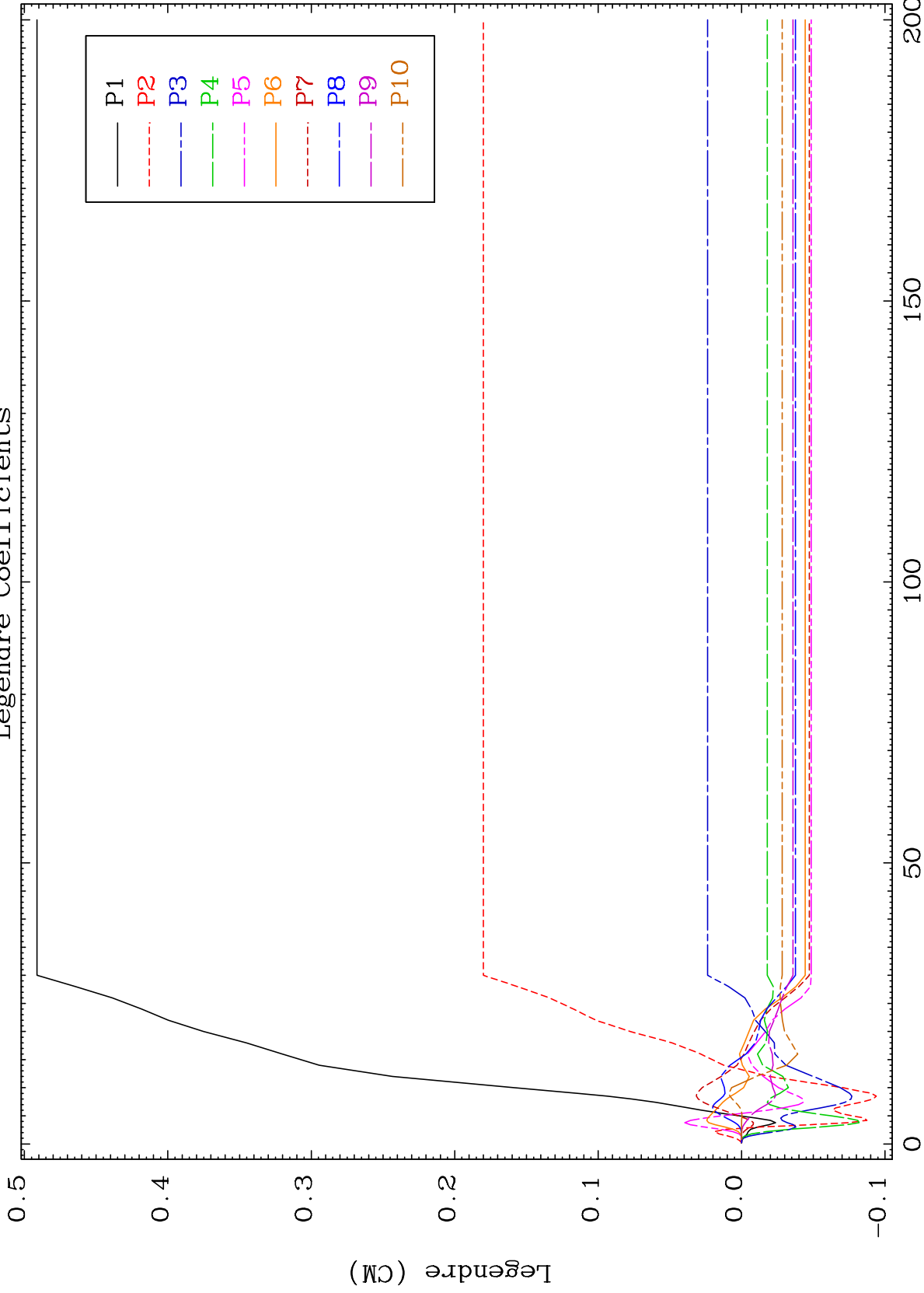


48 50 100 150 200 Incident Energy (MeV) 77-Ir-192

MAT 7728

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

77-Ir-192



49

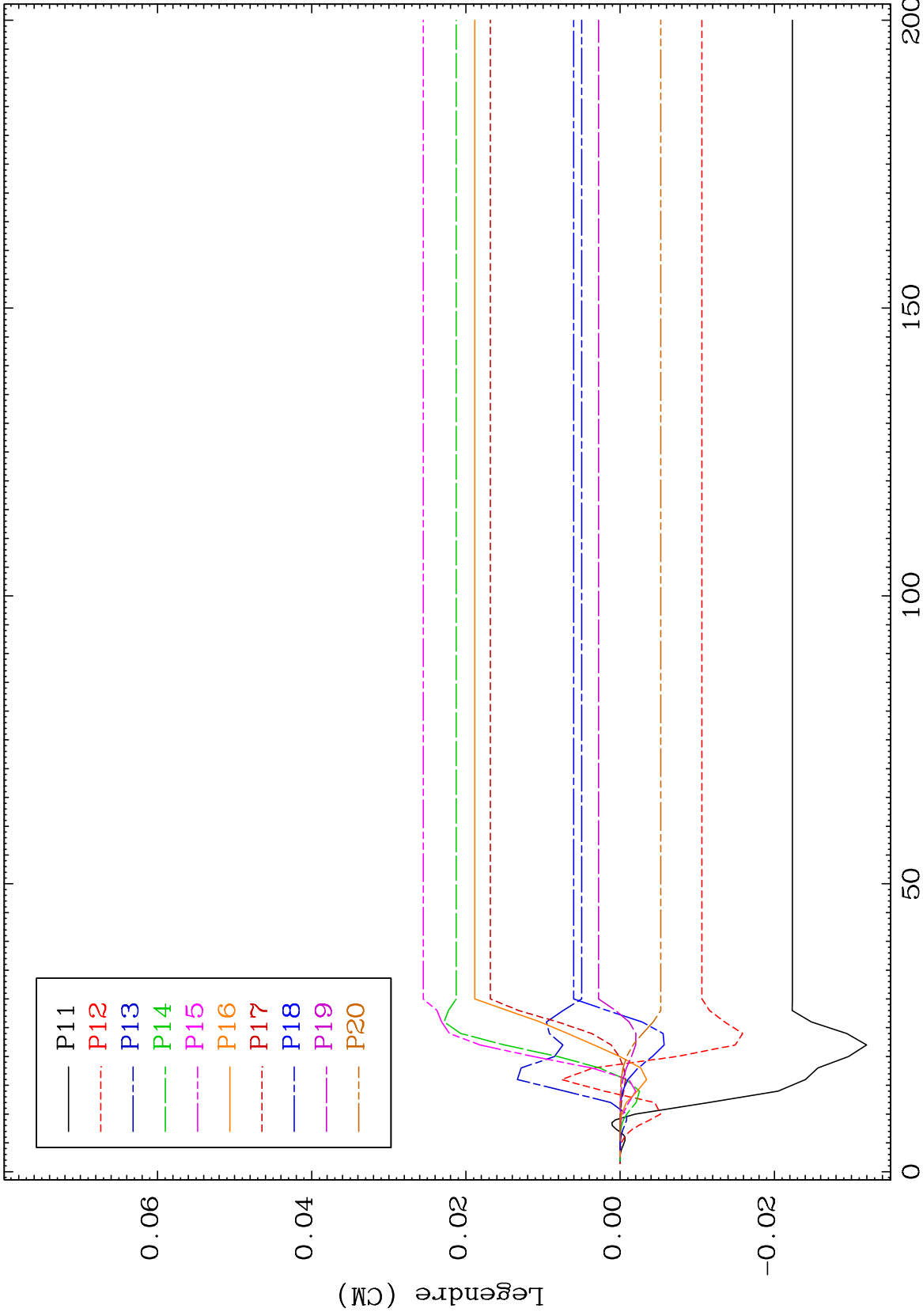
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



50

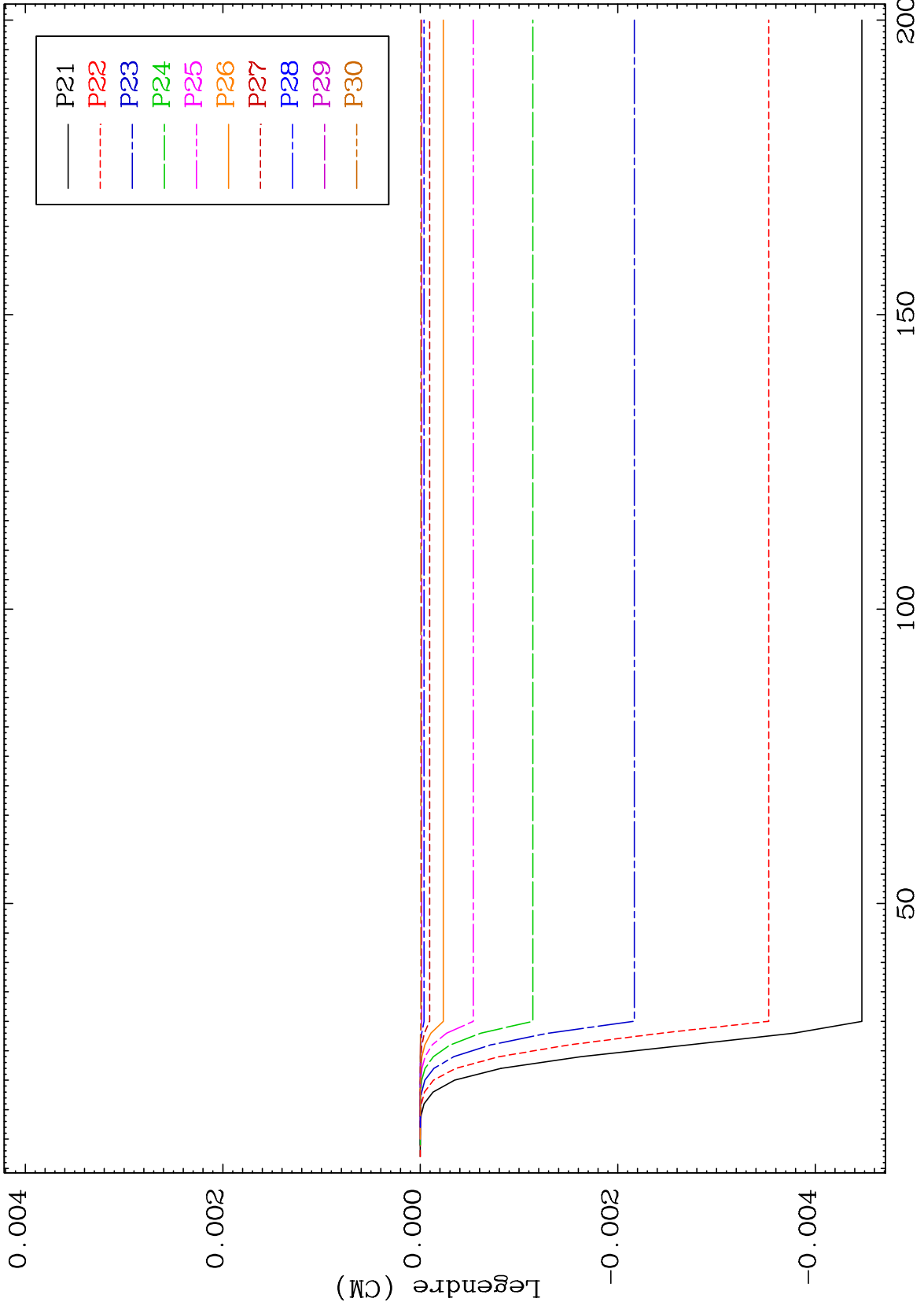
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



51

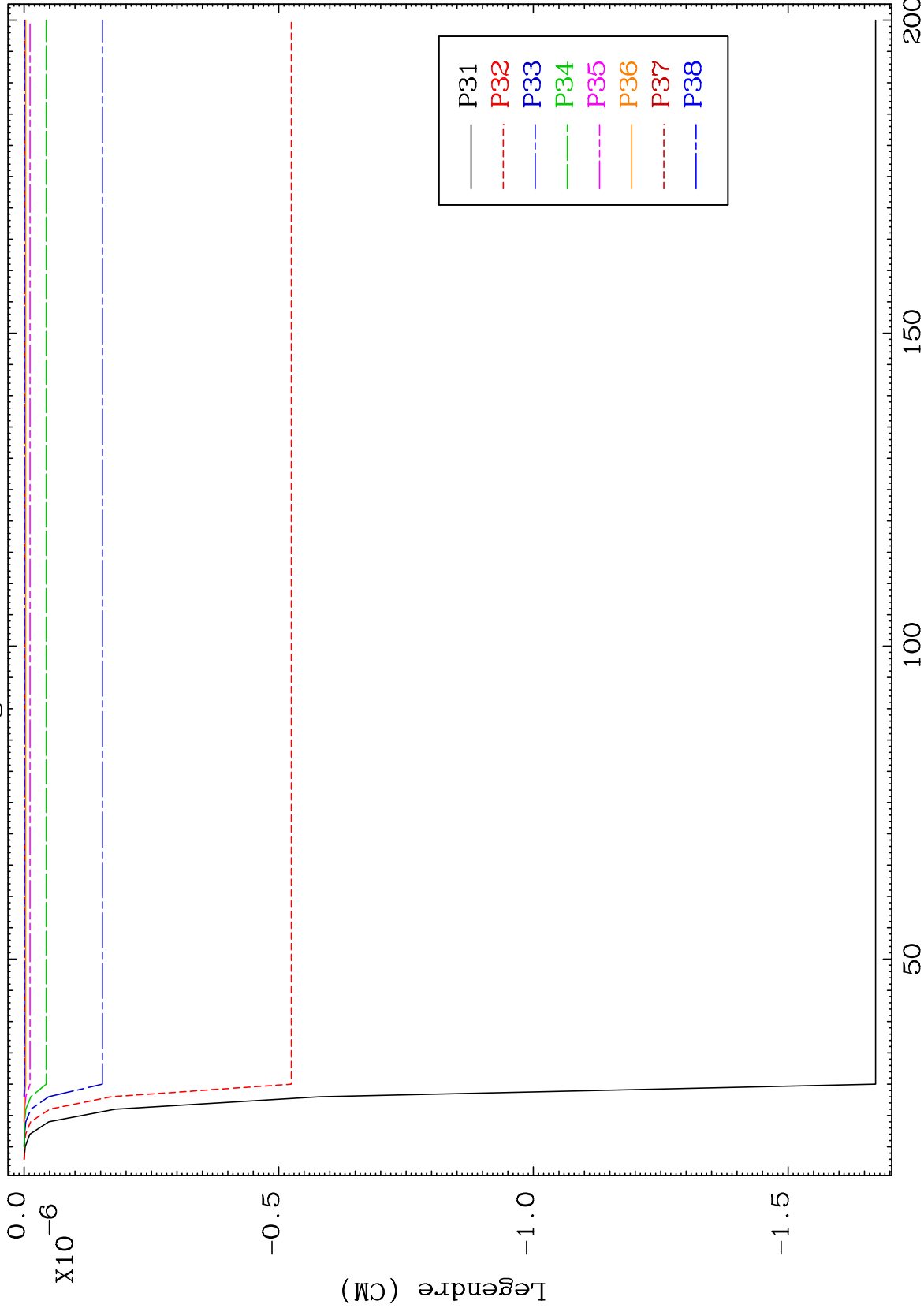
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



52

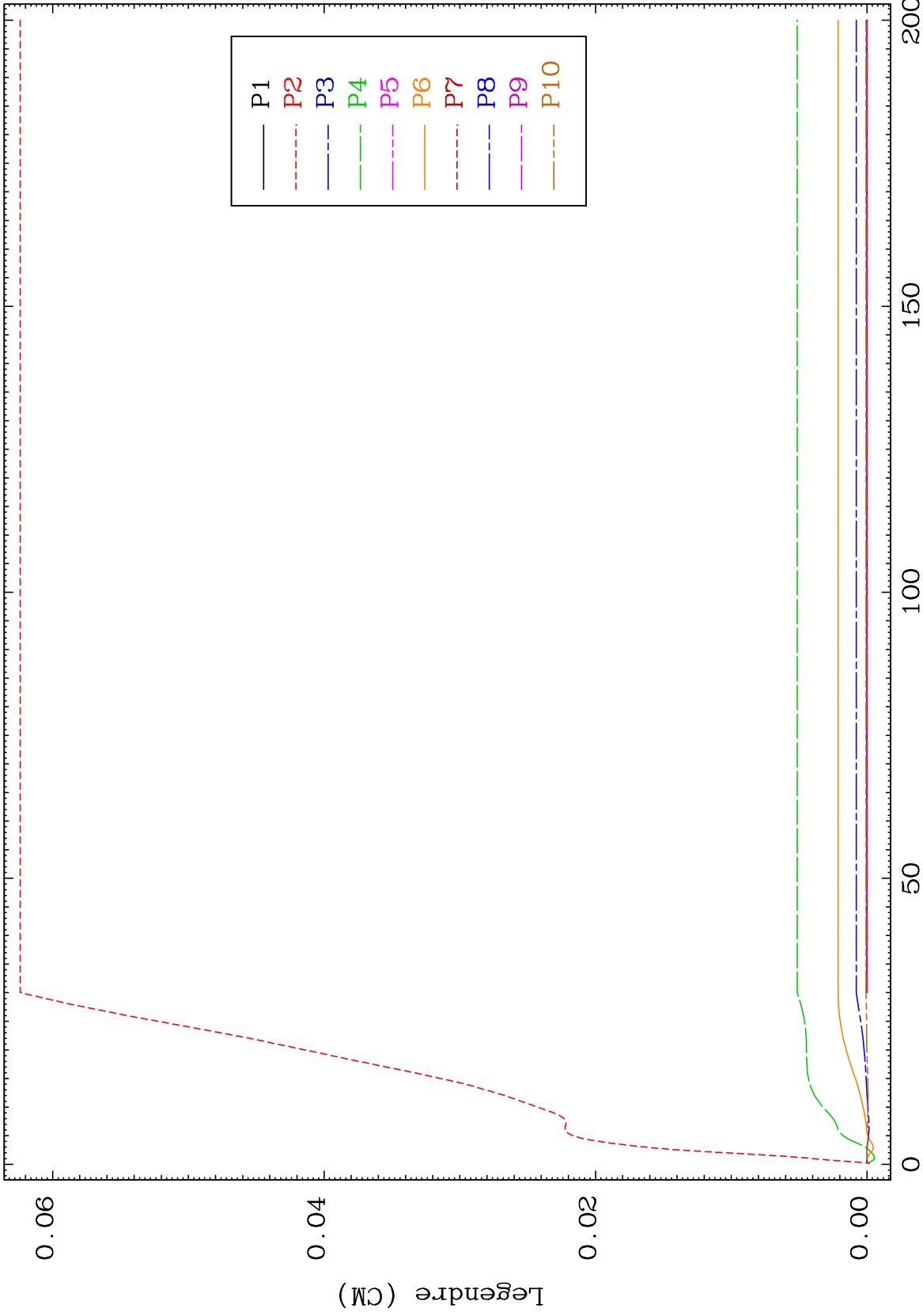
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

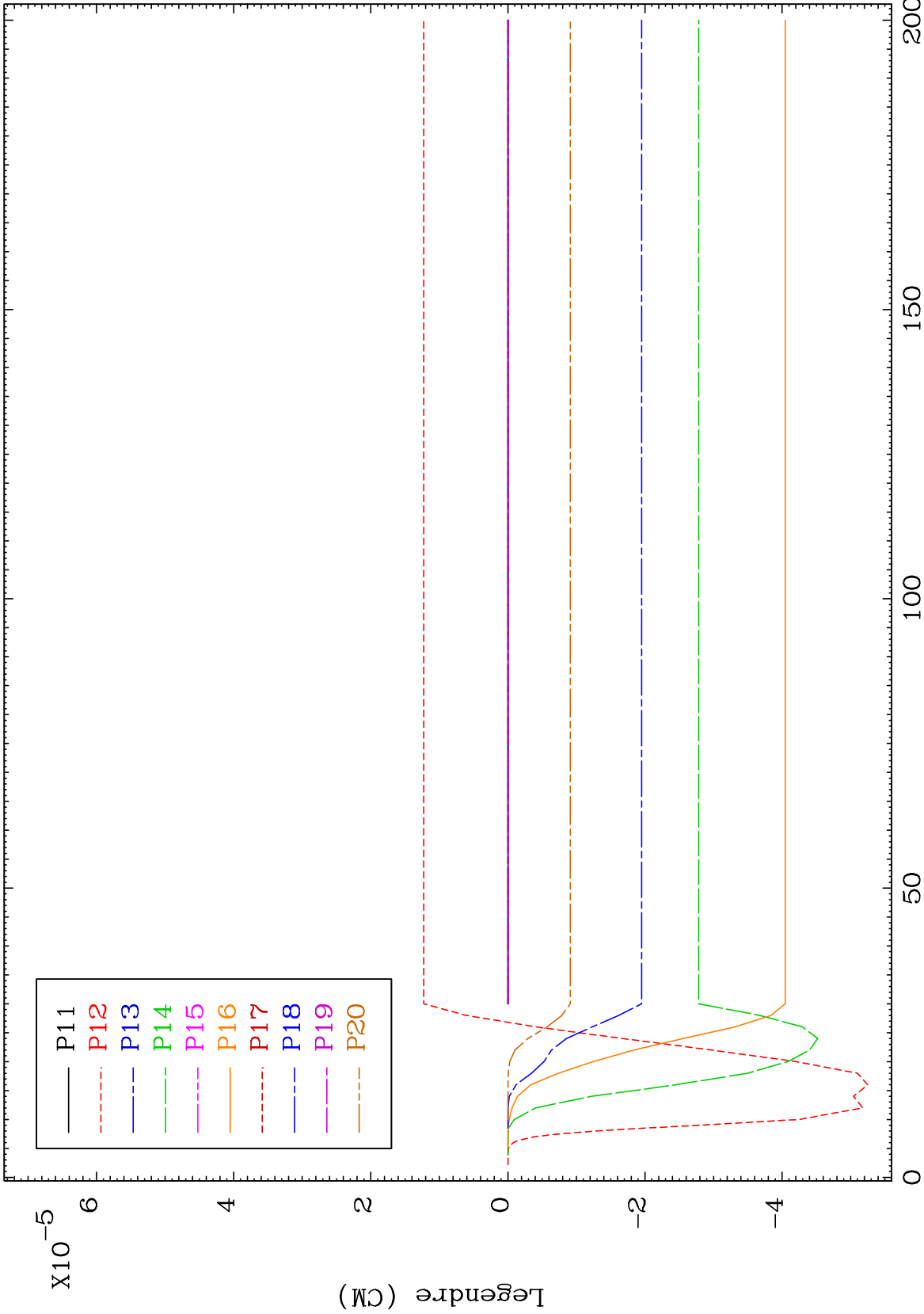
77-Ir-192



53

Incident Energy (MeV)

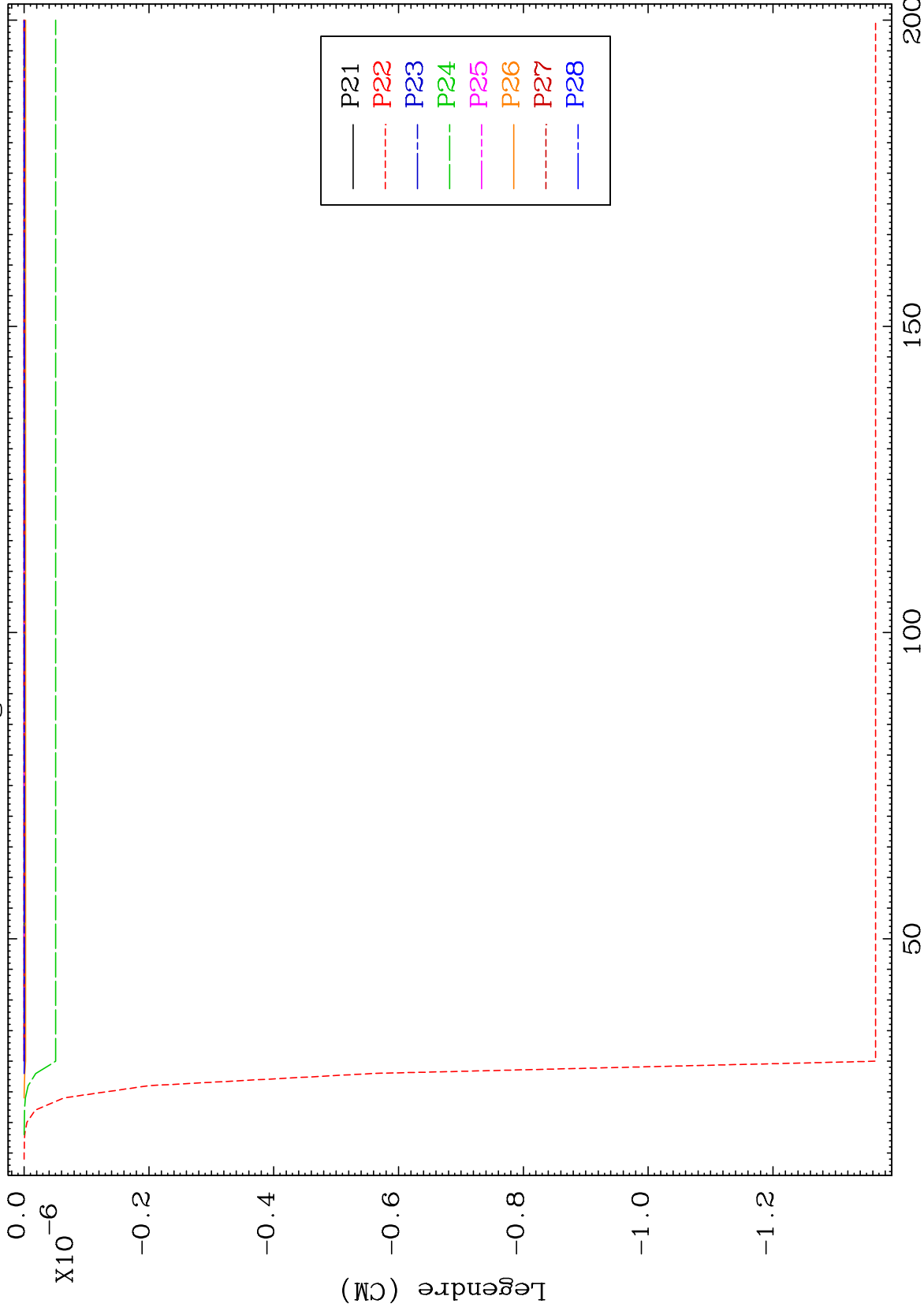
77-Ir-192



MAT 7728

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

77-Ir-192



55

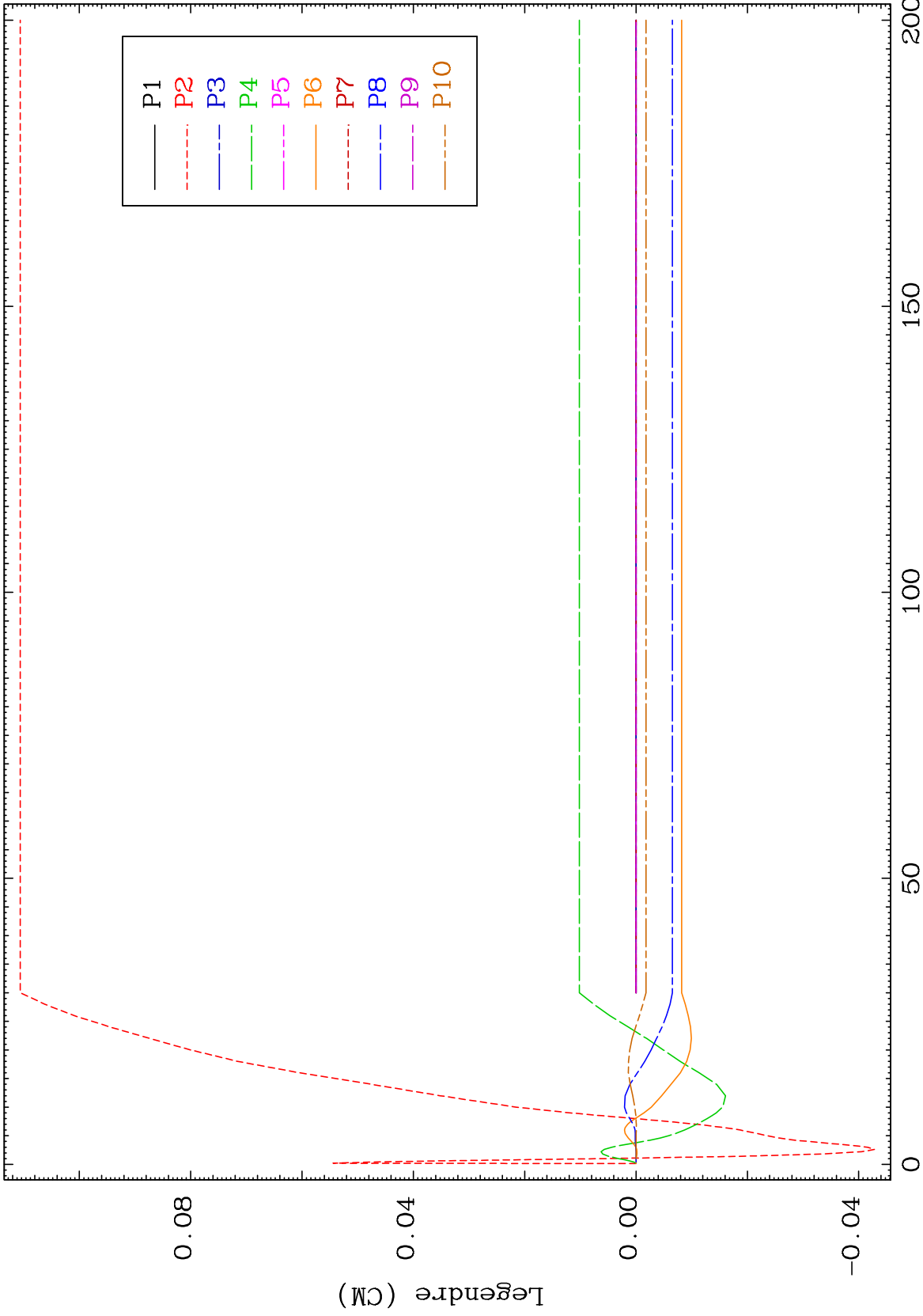
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



56

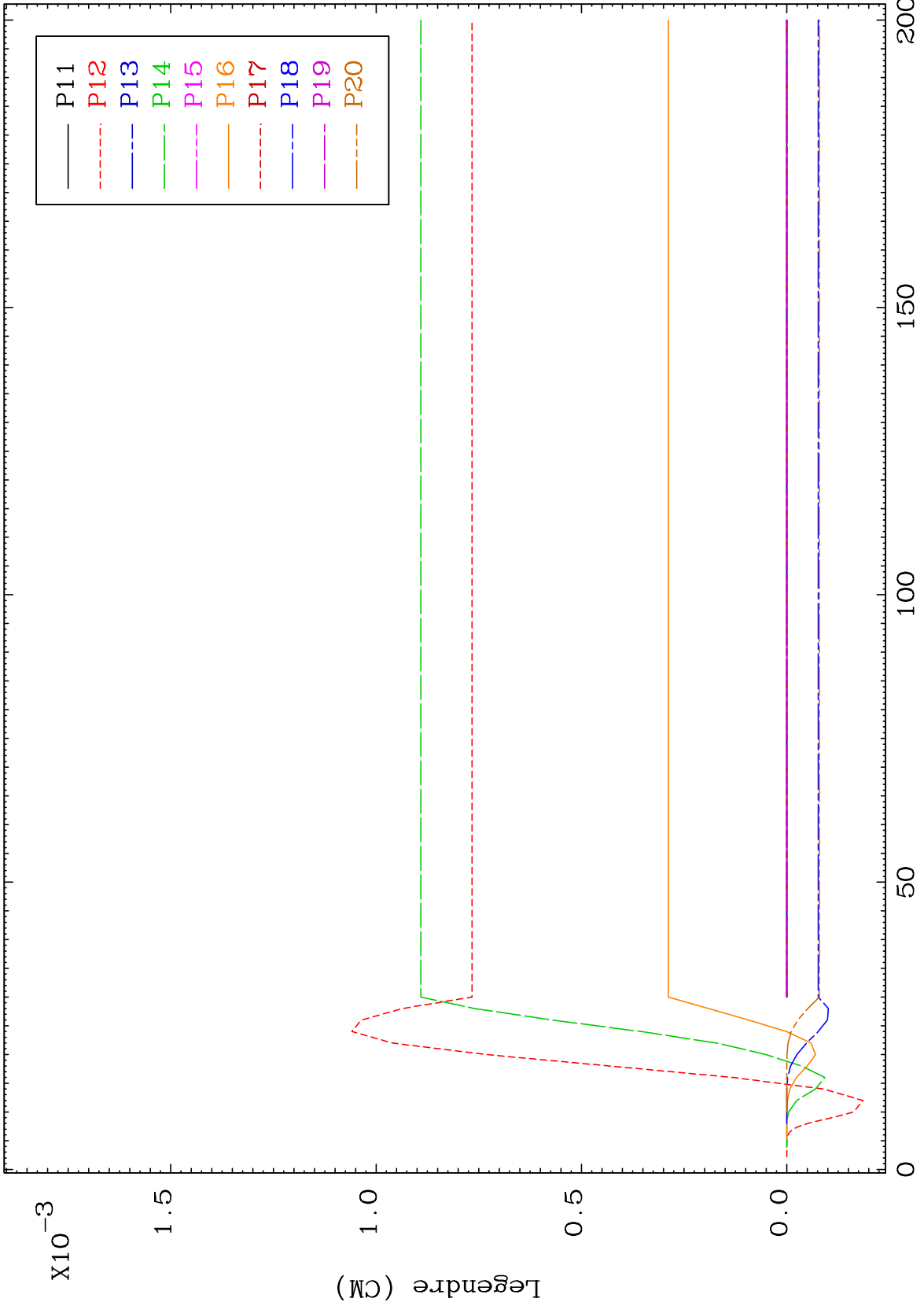
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



57

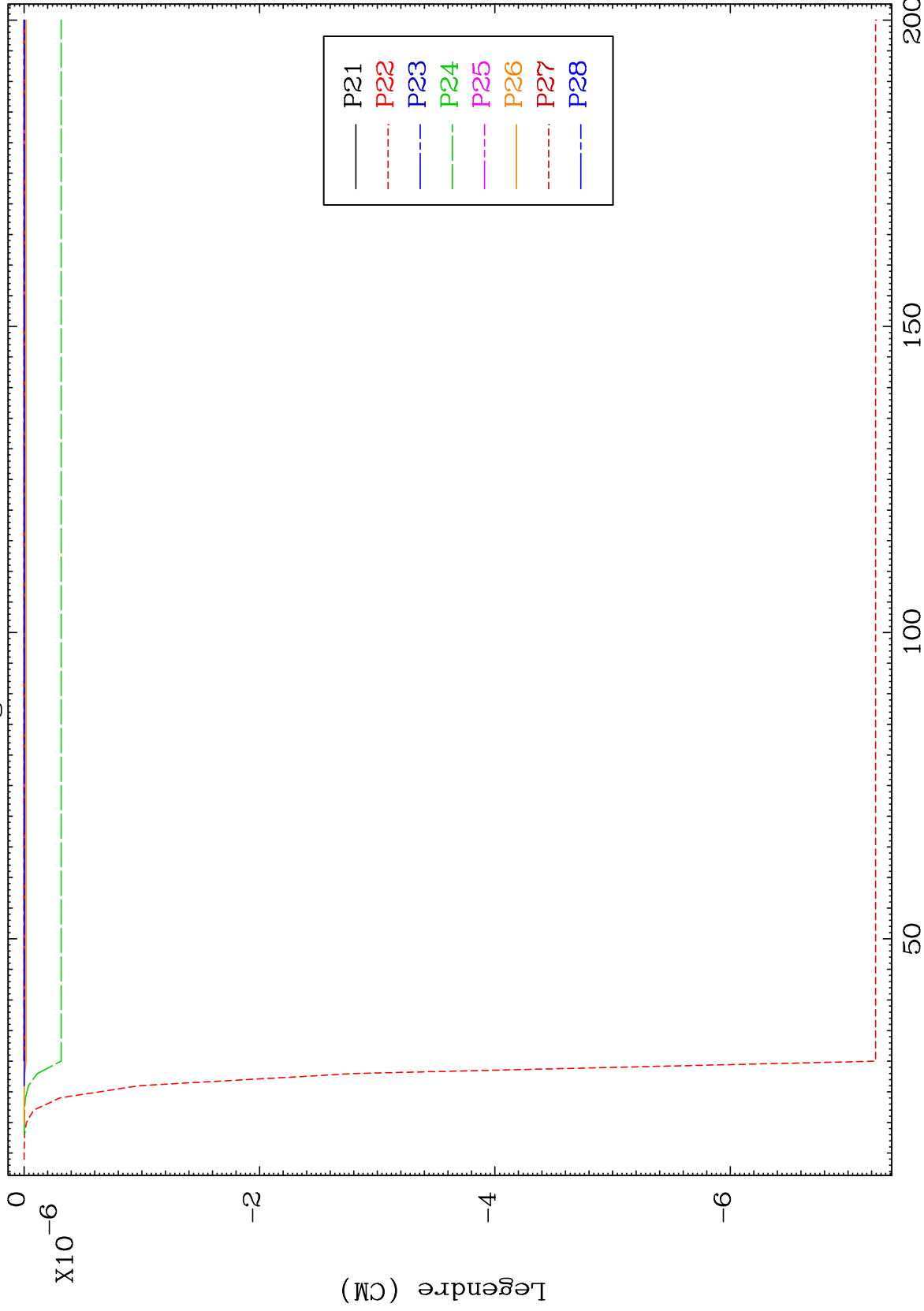
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



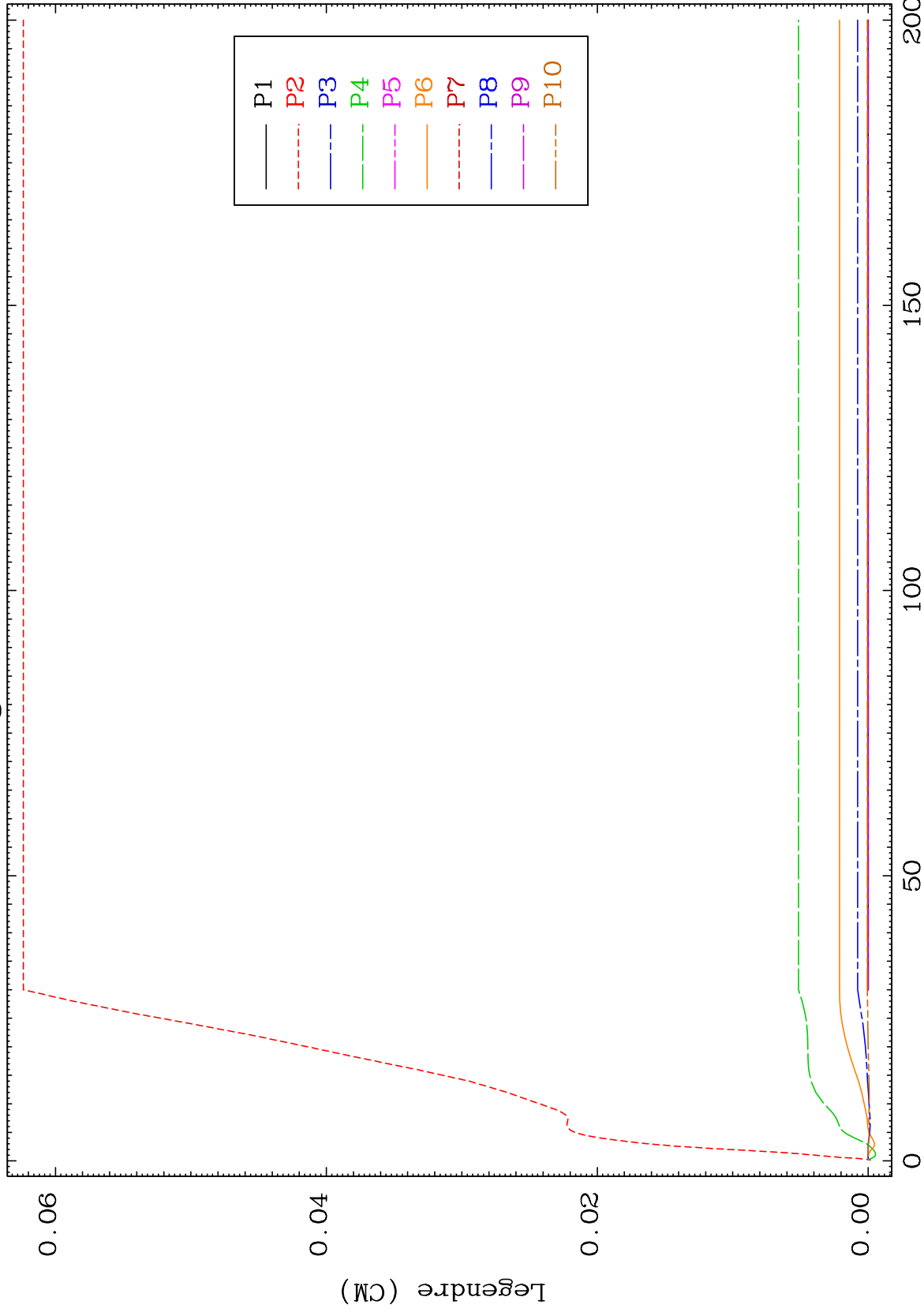
58

77-Ir-192

MAT 7728

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

77-Ir-192



59

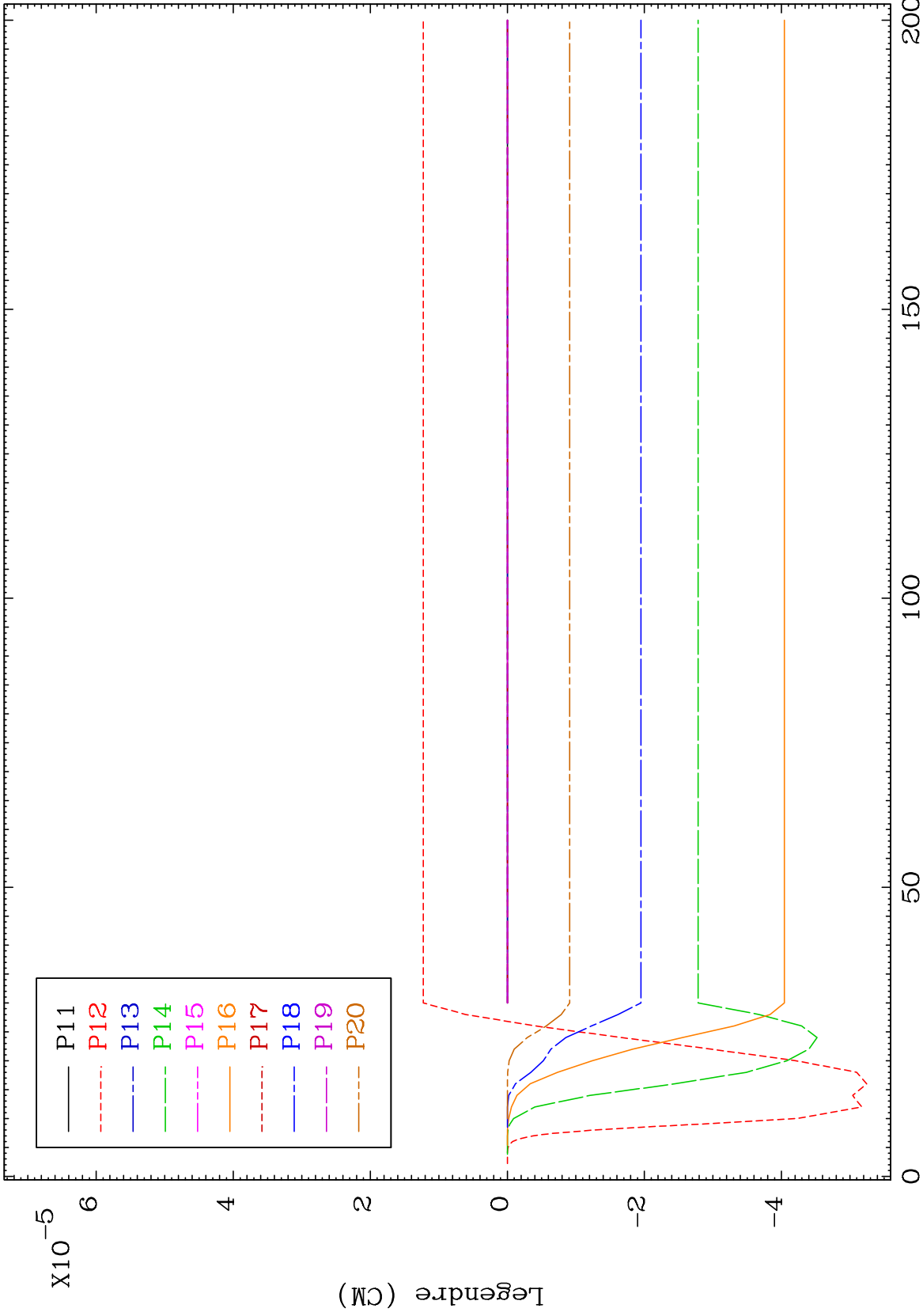
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



60

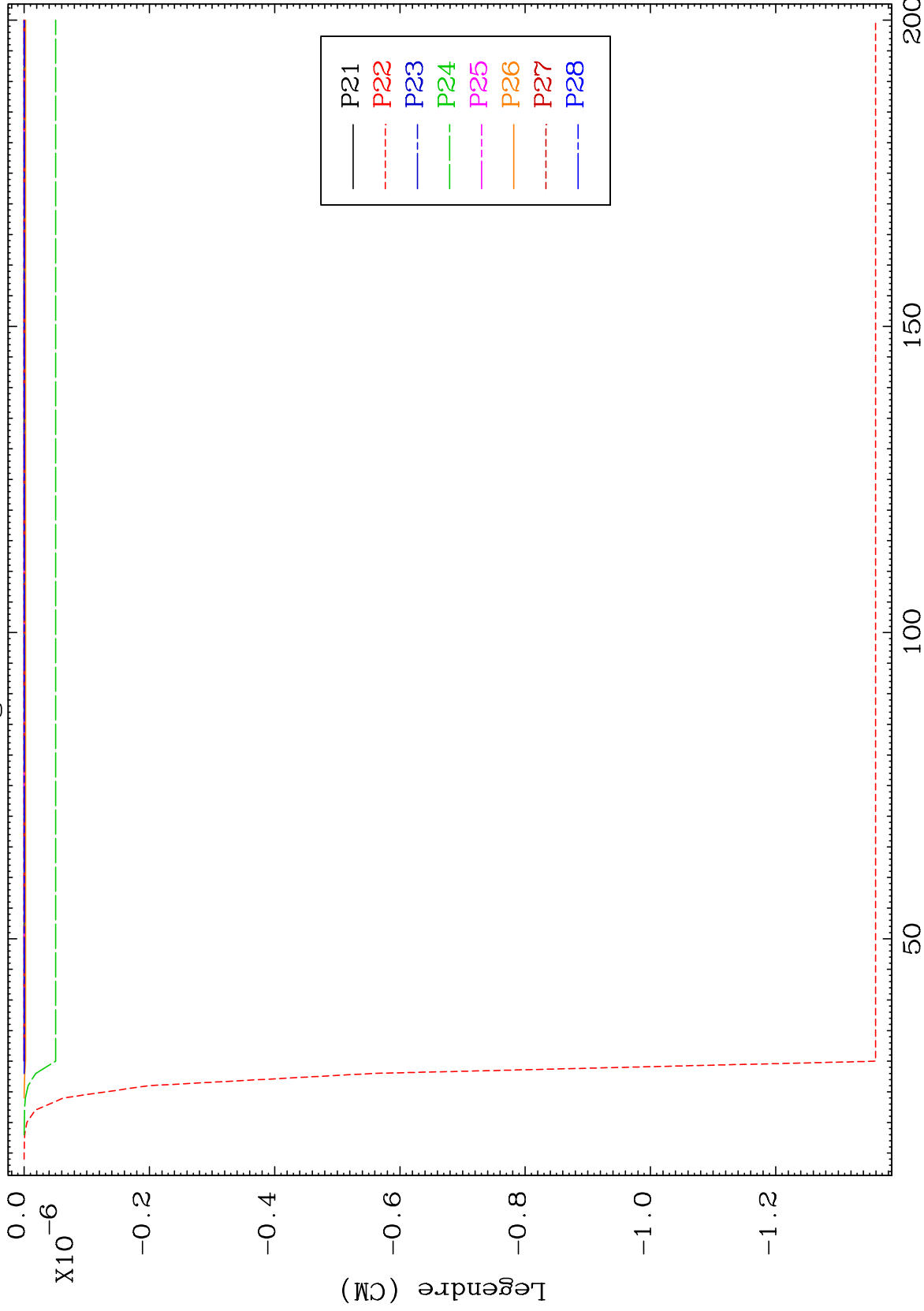
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



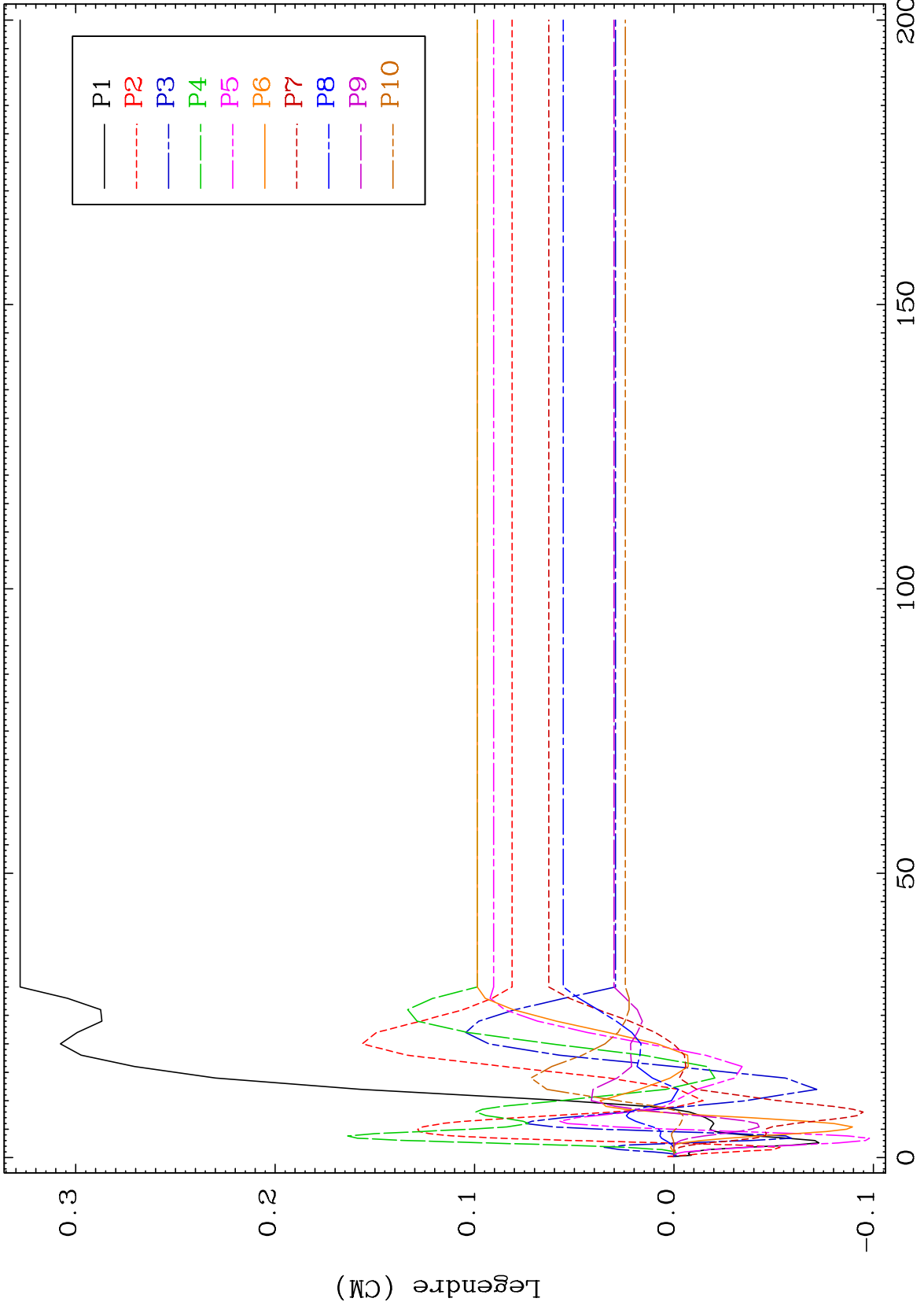
61

77-Ir-192

MAT 7728

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

77-Ir-192



62

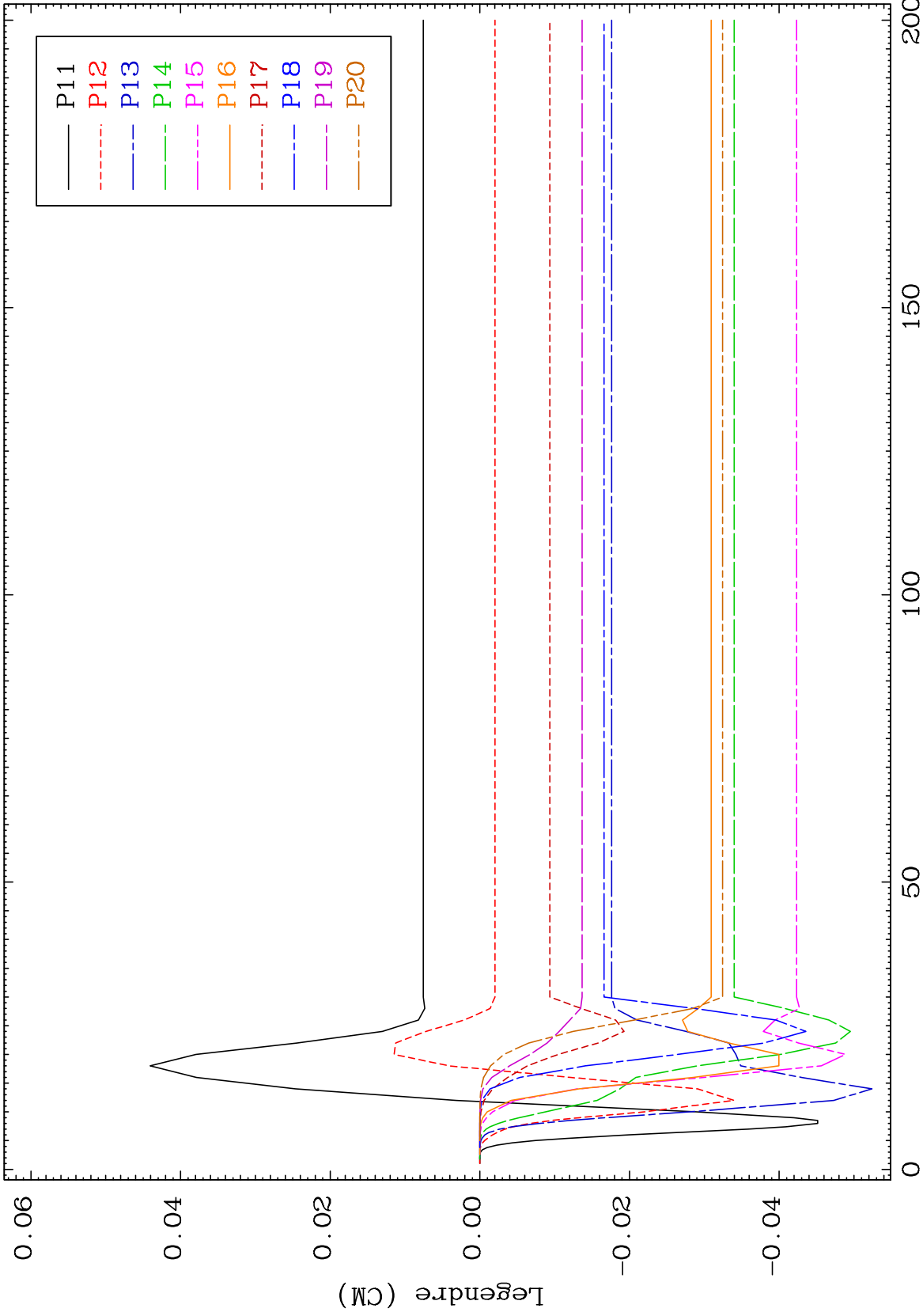
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



63

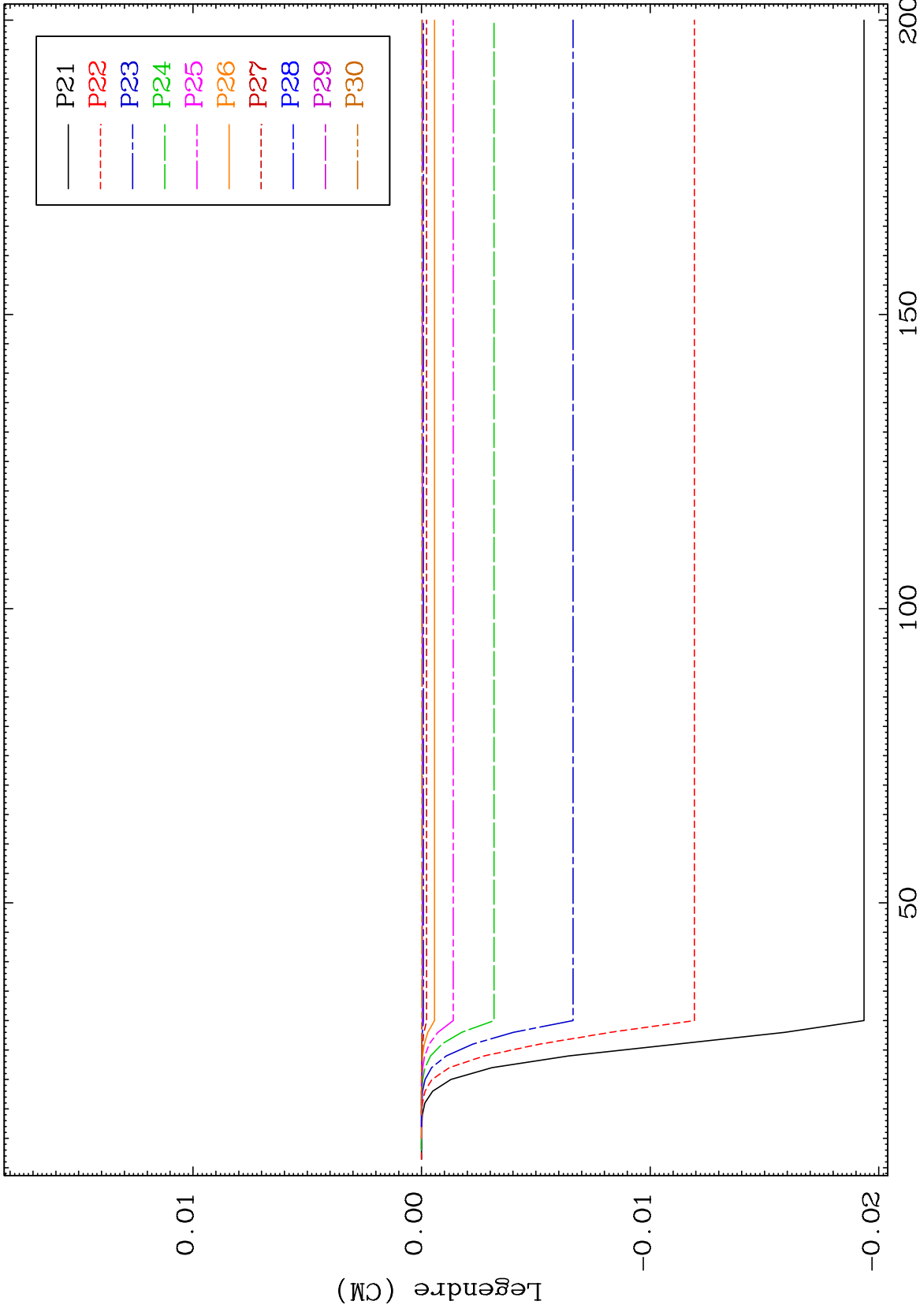
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



64

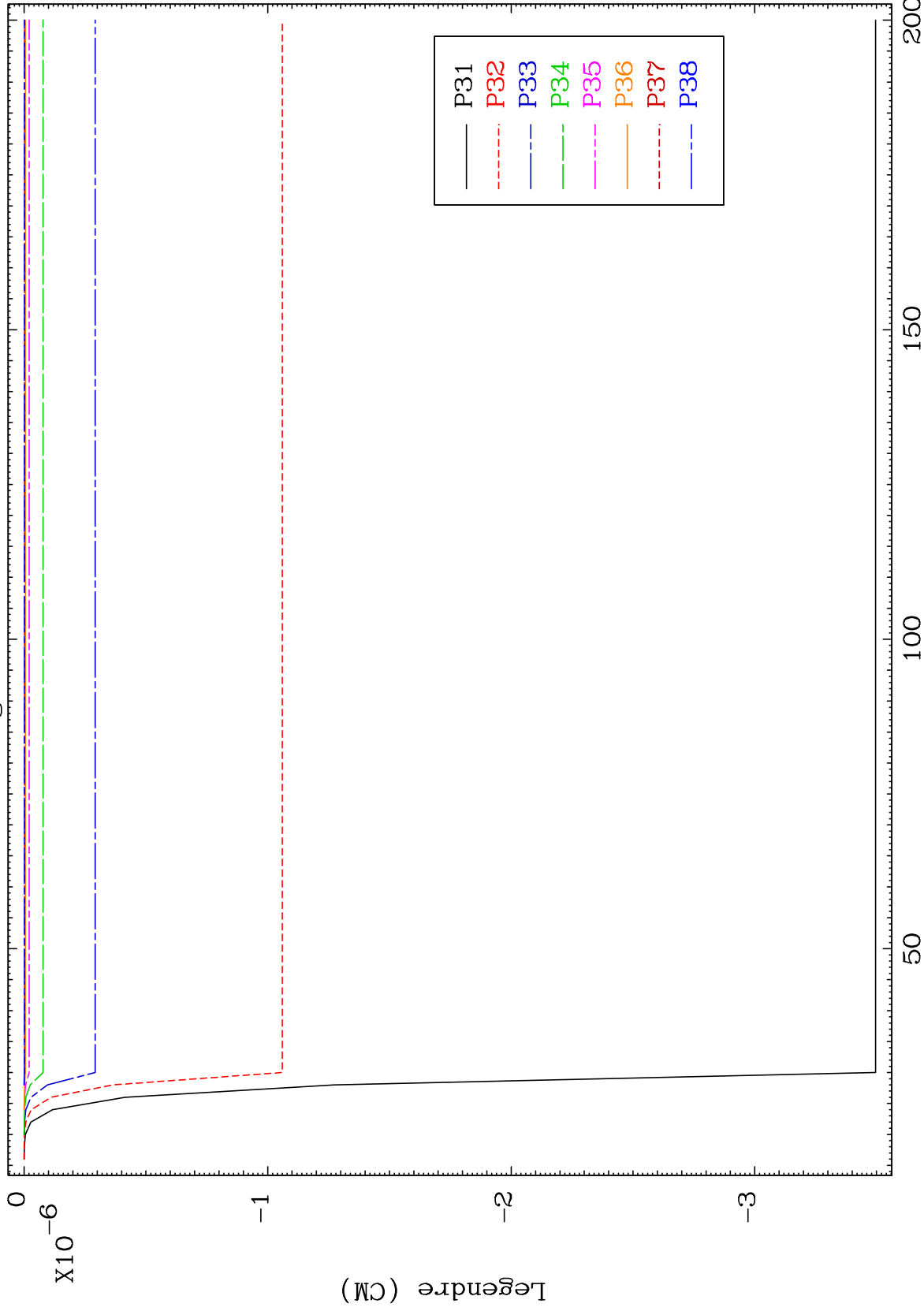
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



65

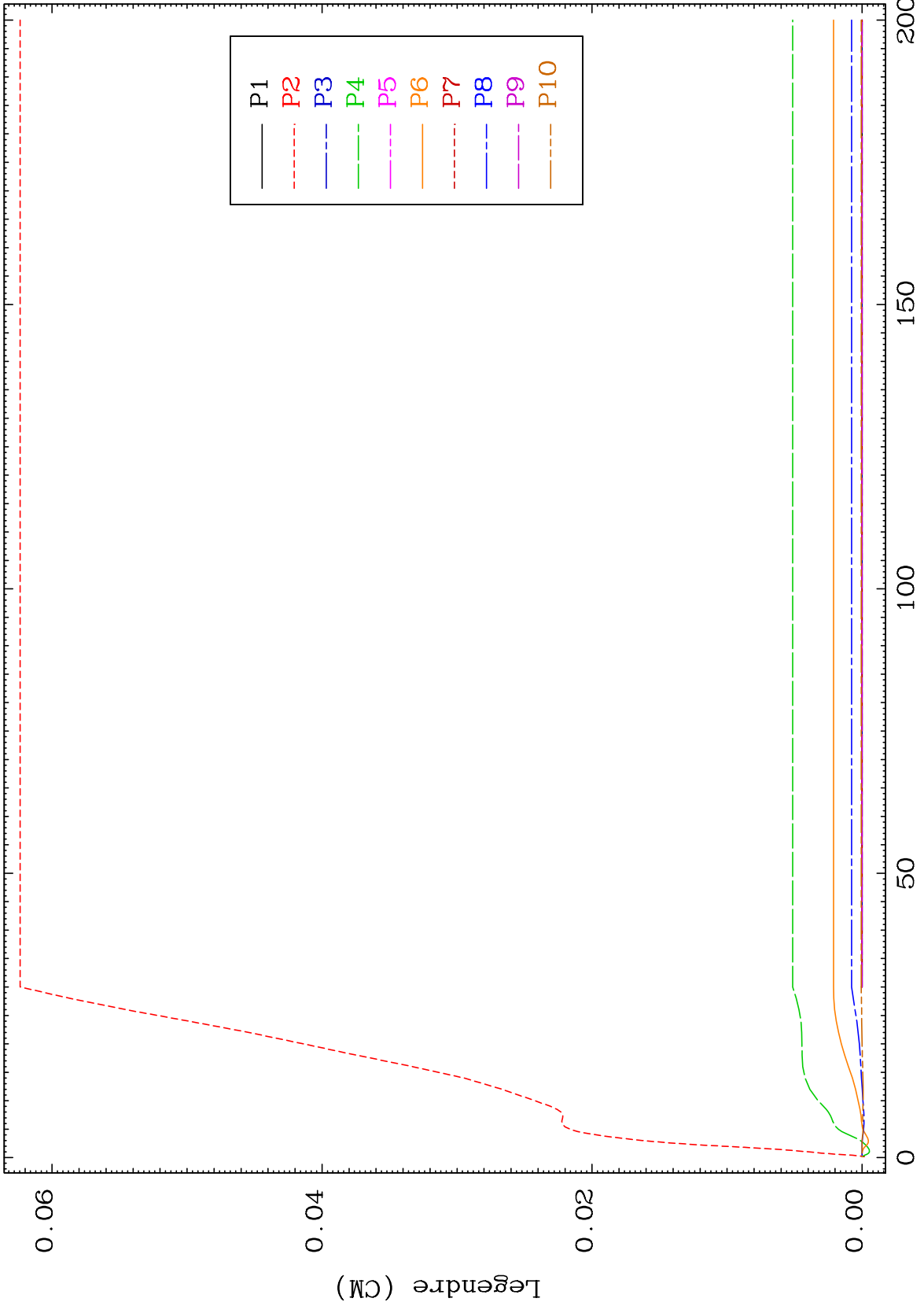
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



66

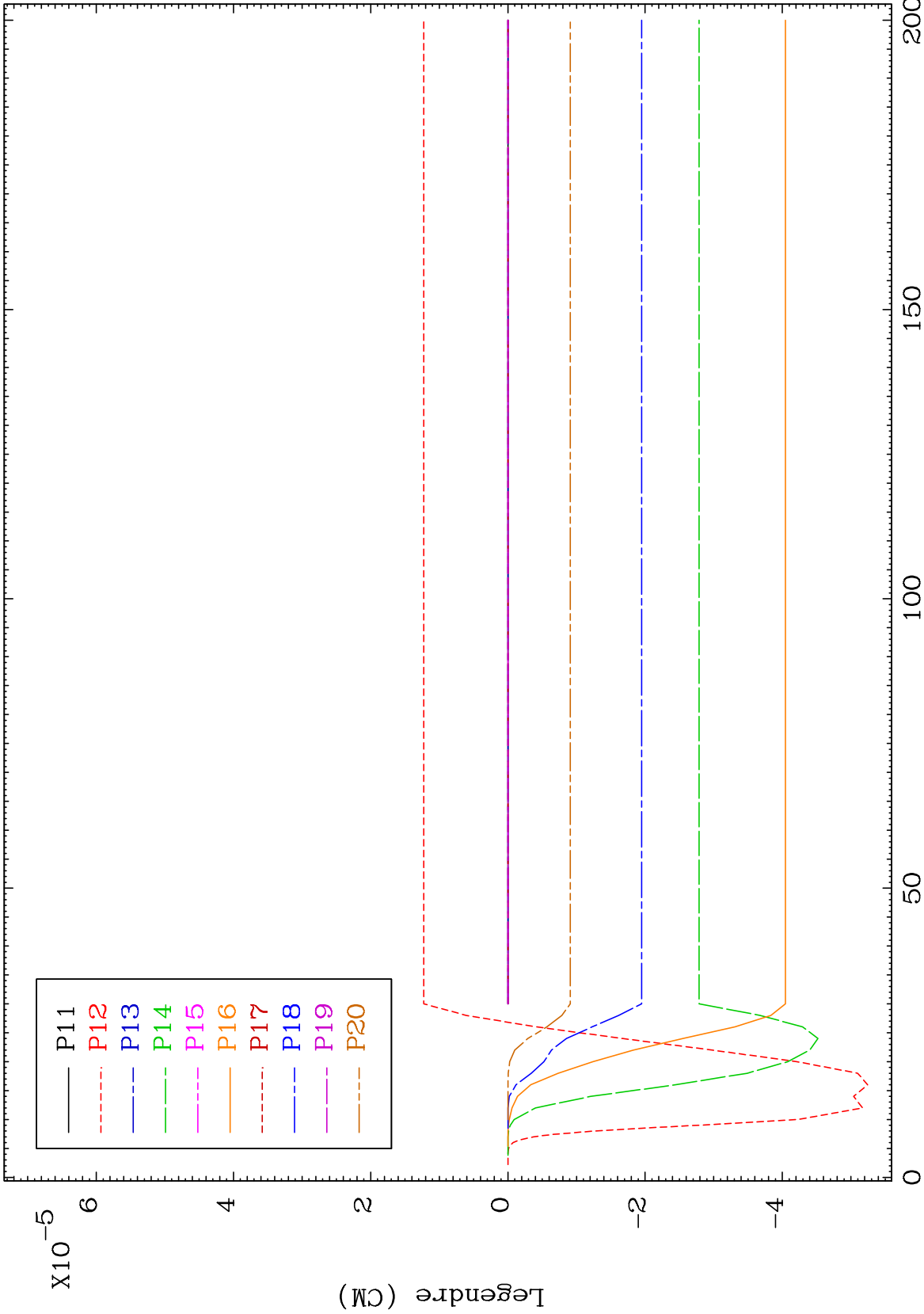
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



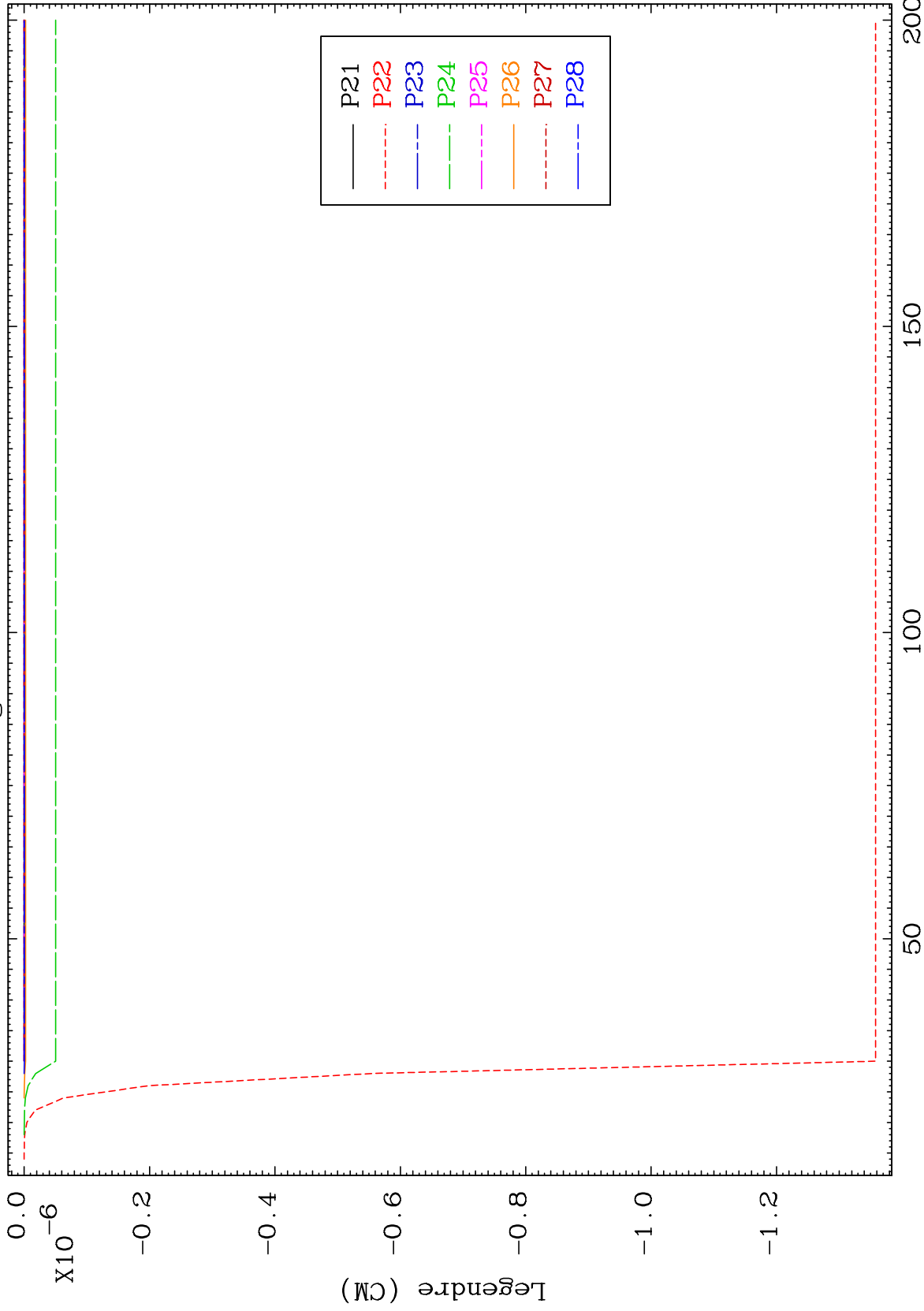
67

77-Ir-192

MAT 7728

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

77-Ir-192



68

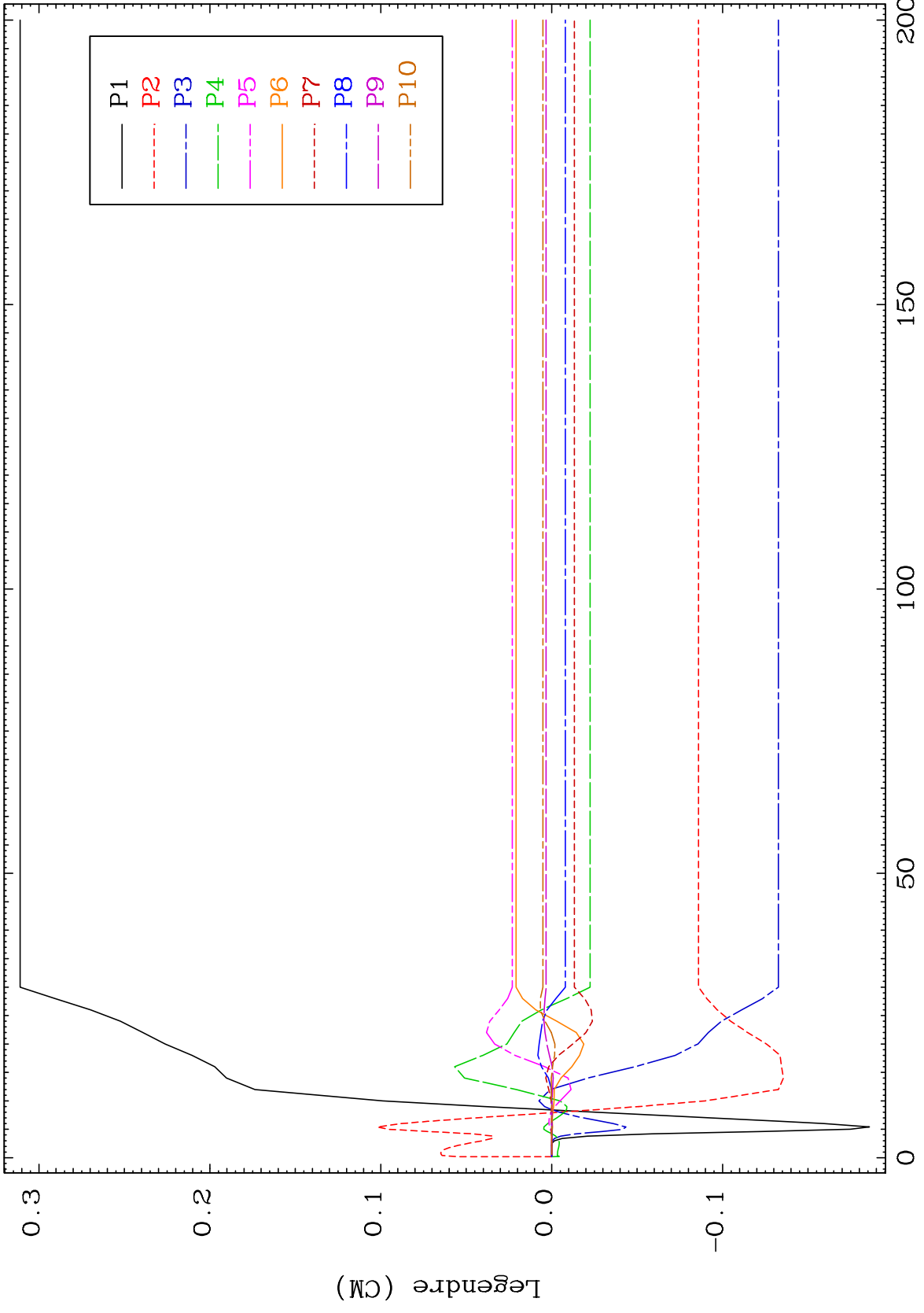
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



69

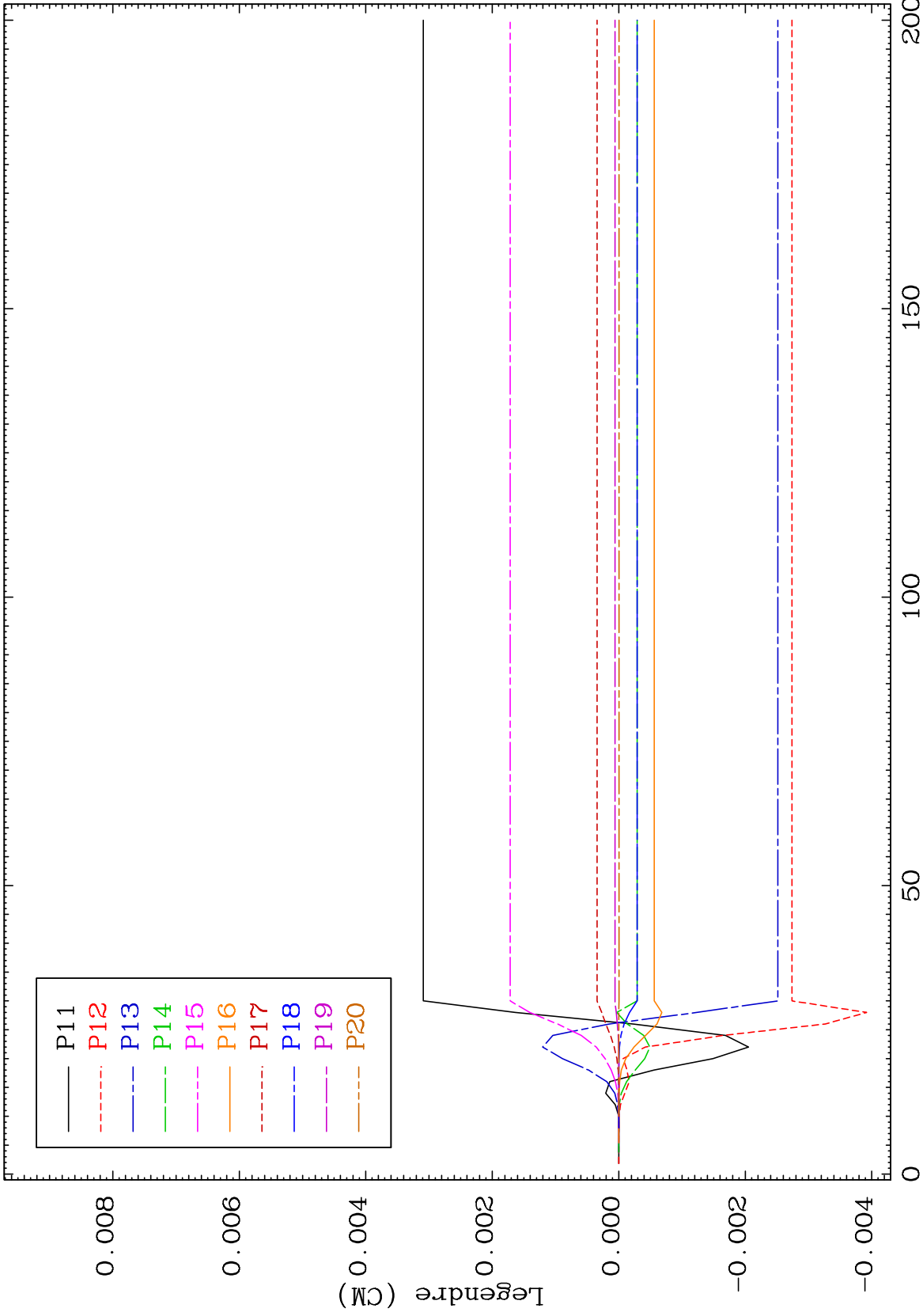
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



70

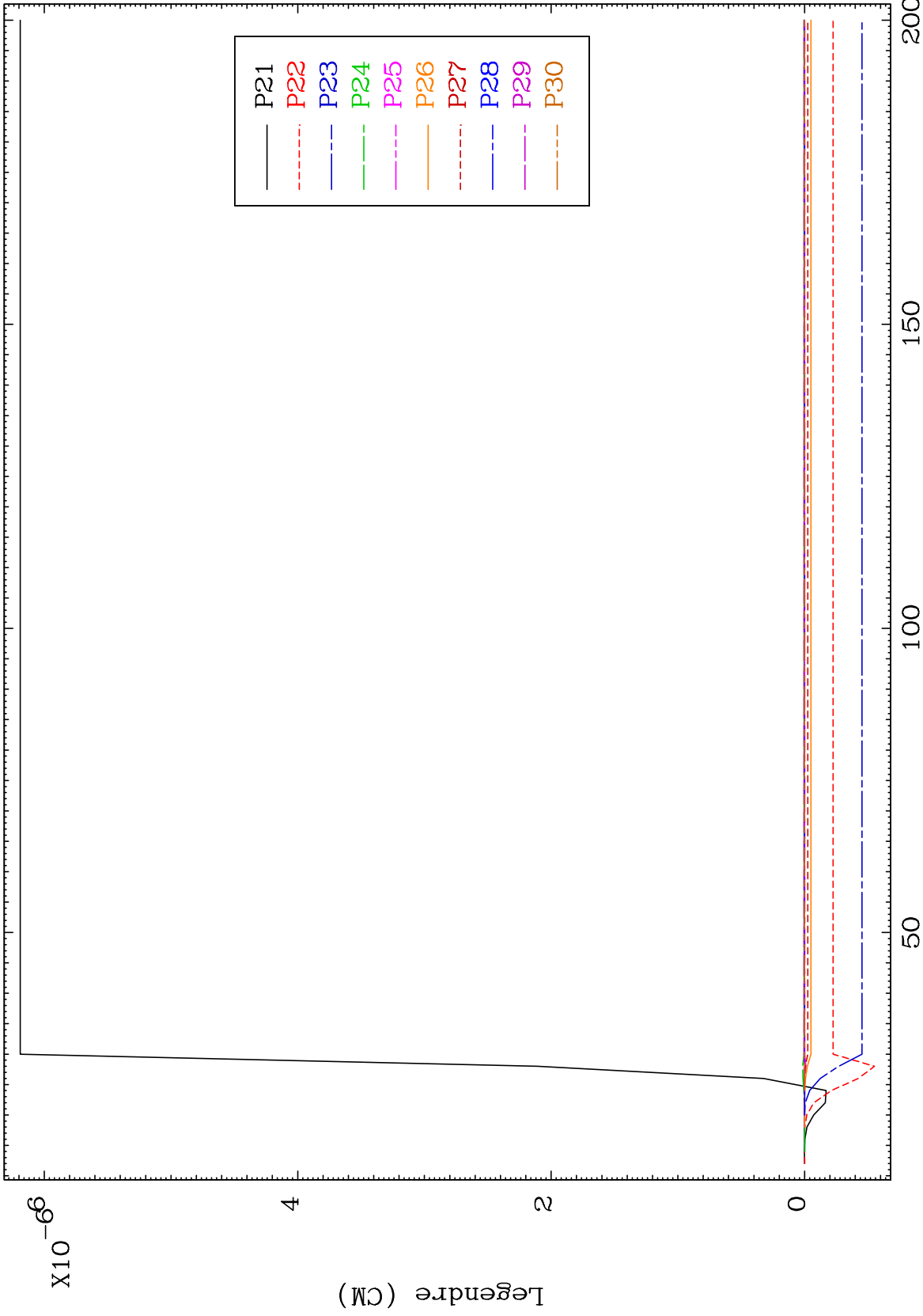
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

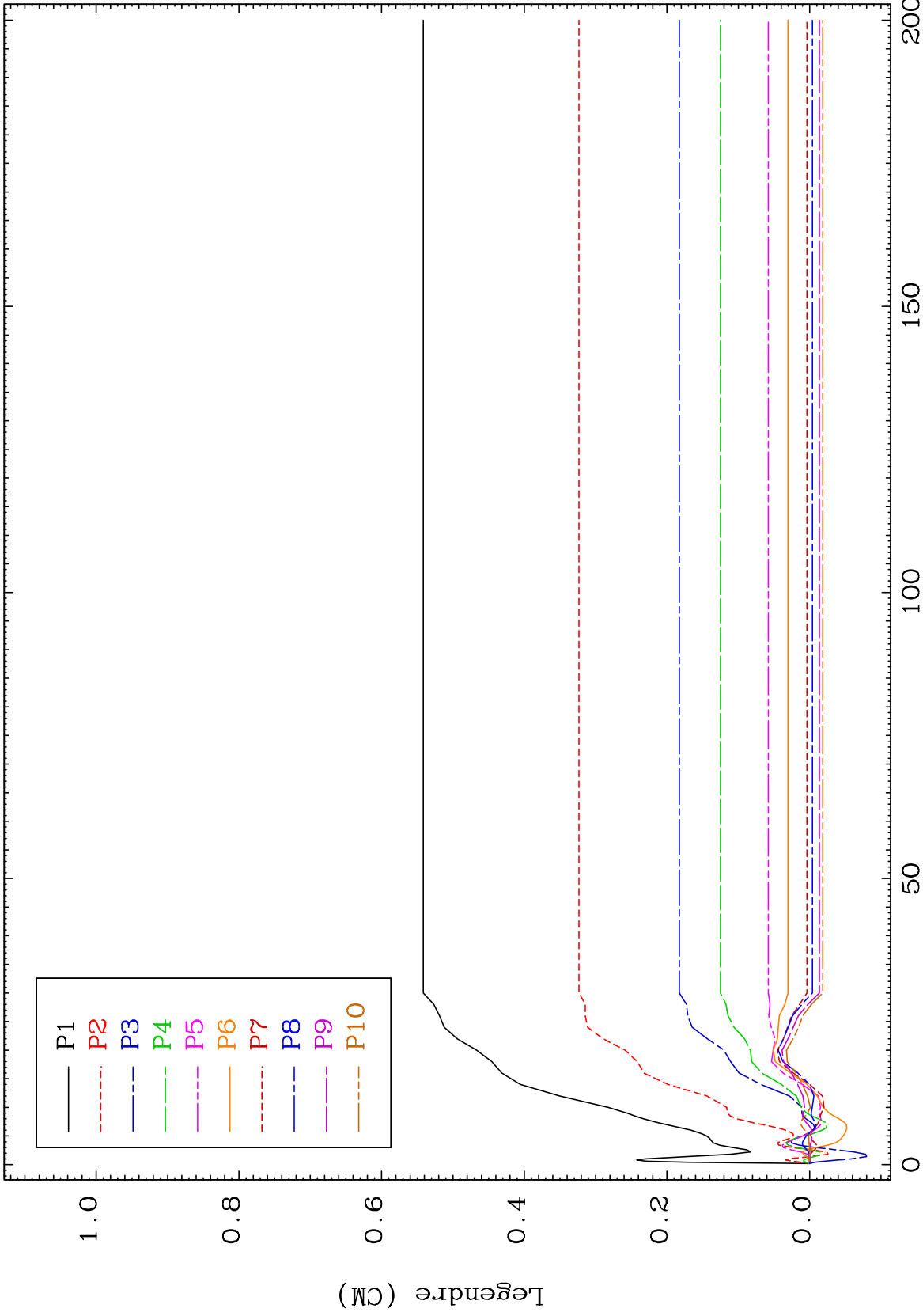
77-Ir-192



71

Incident Energy (MeV)

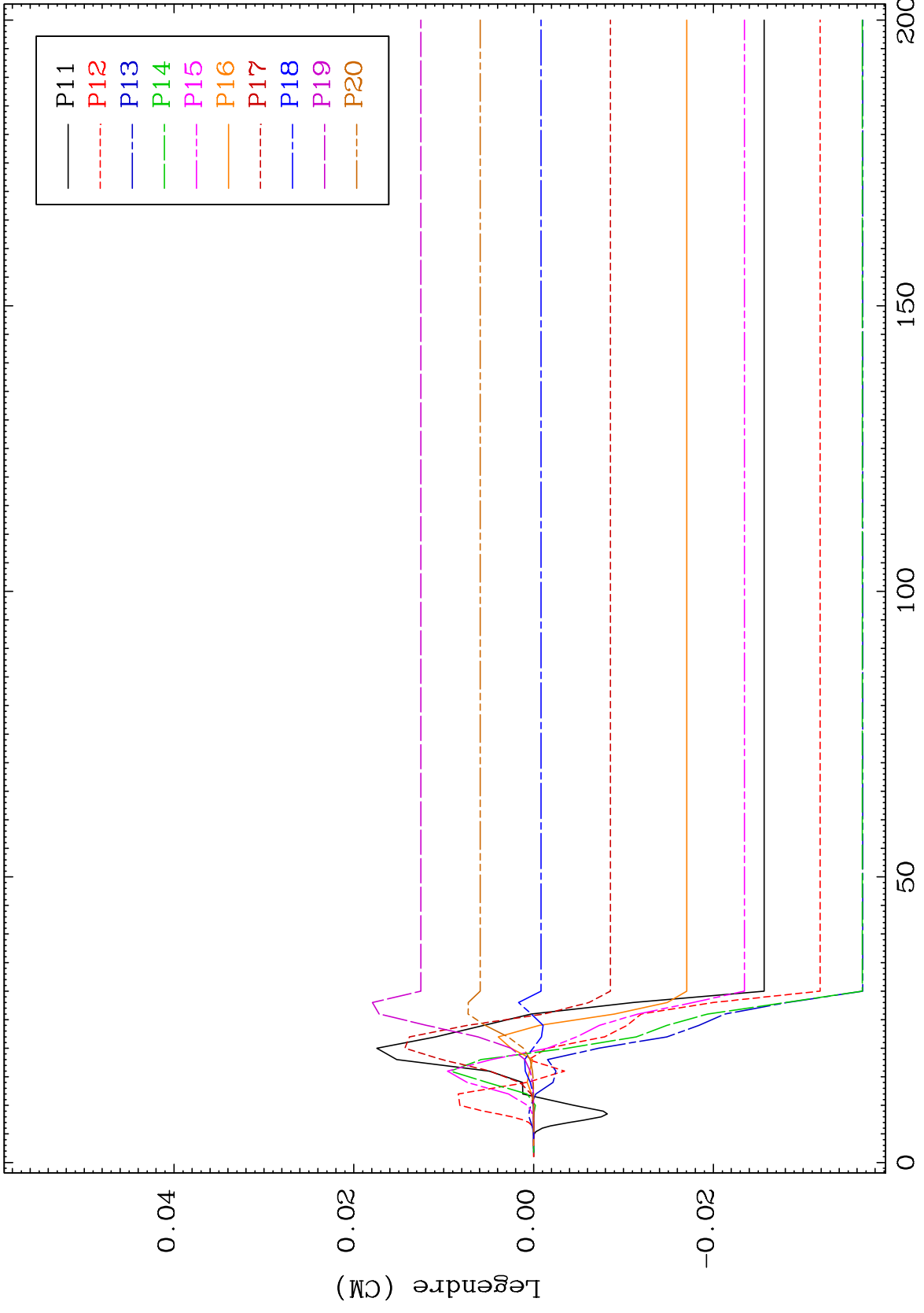
77-Ir-192



MAT 7728

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

77-Ir-192



73

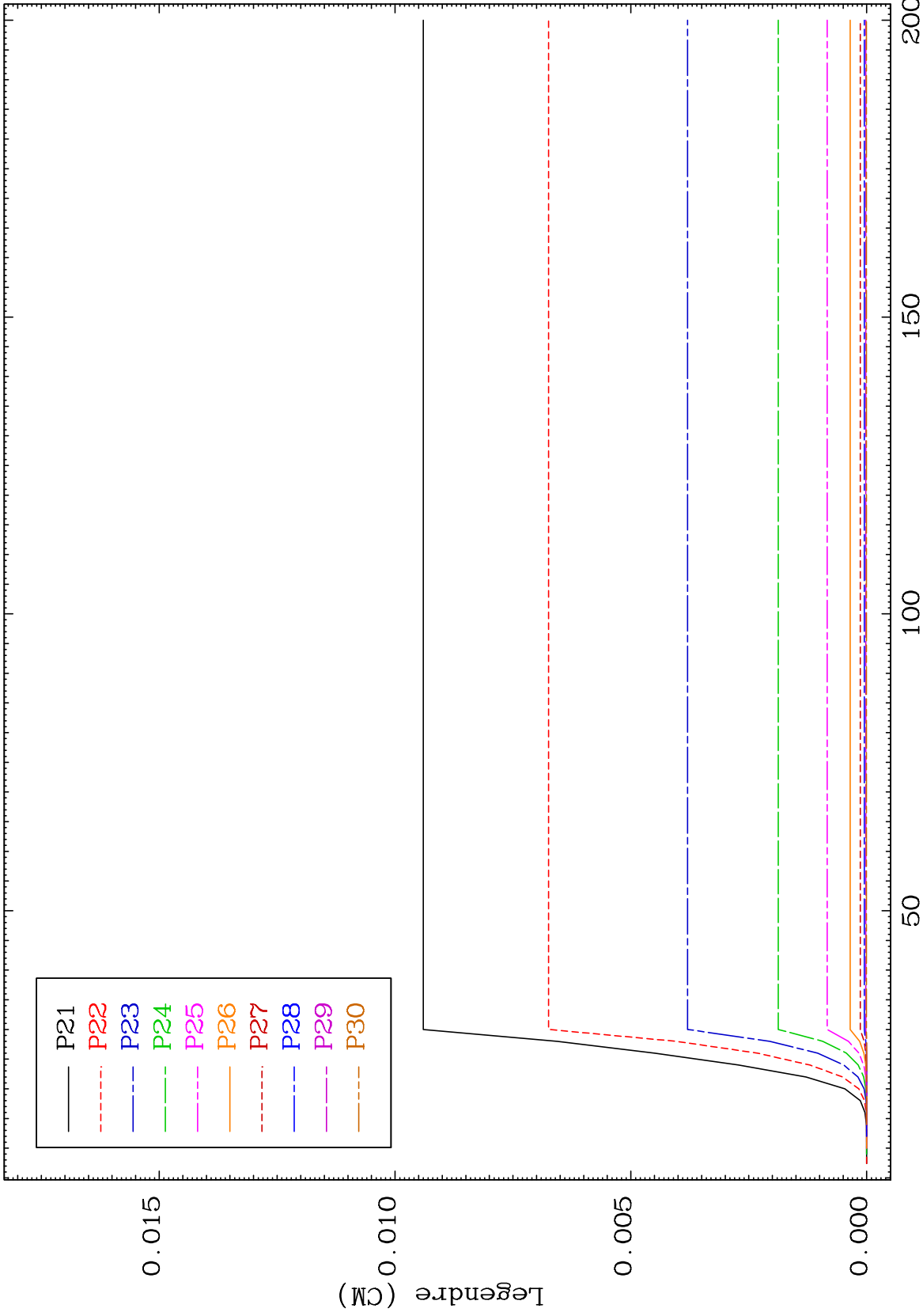
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



74

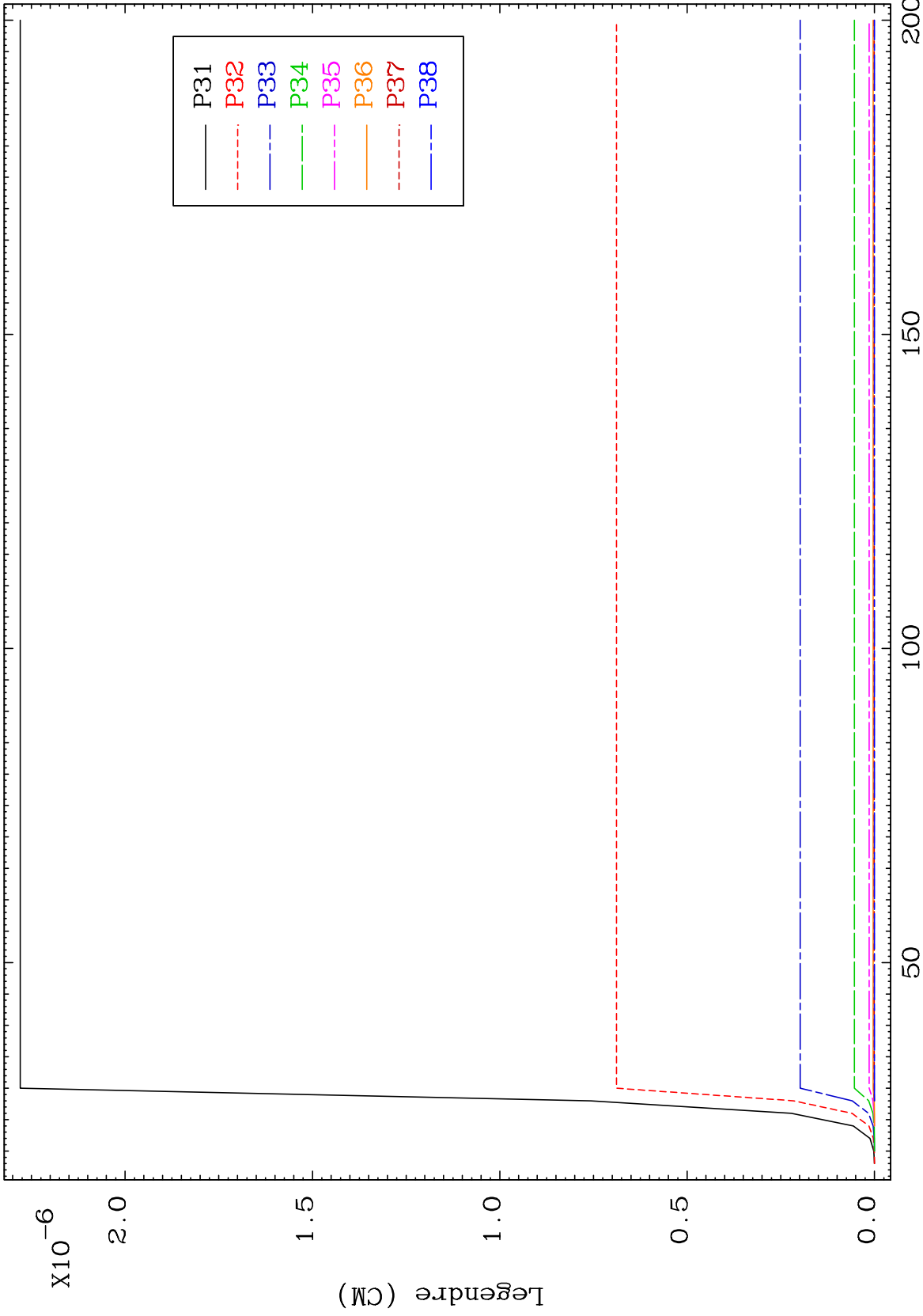
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



75

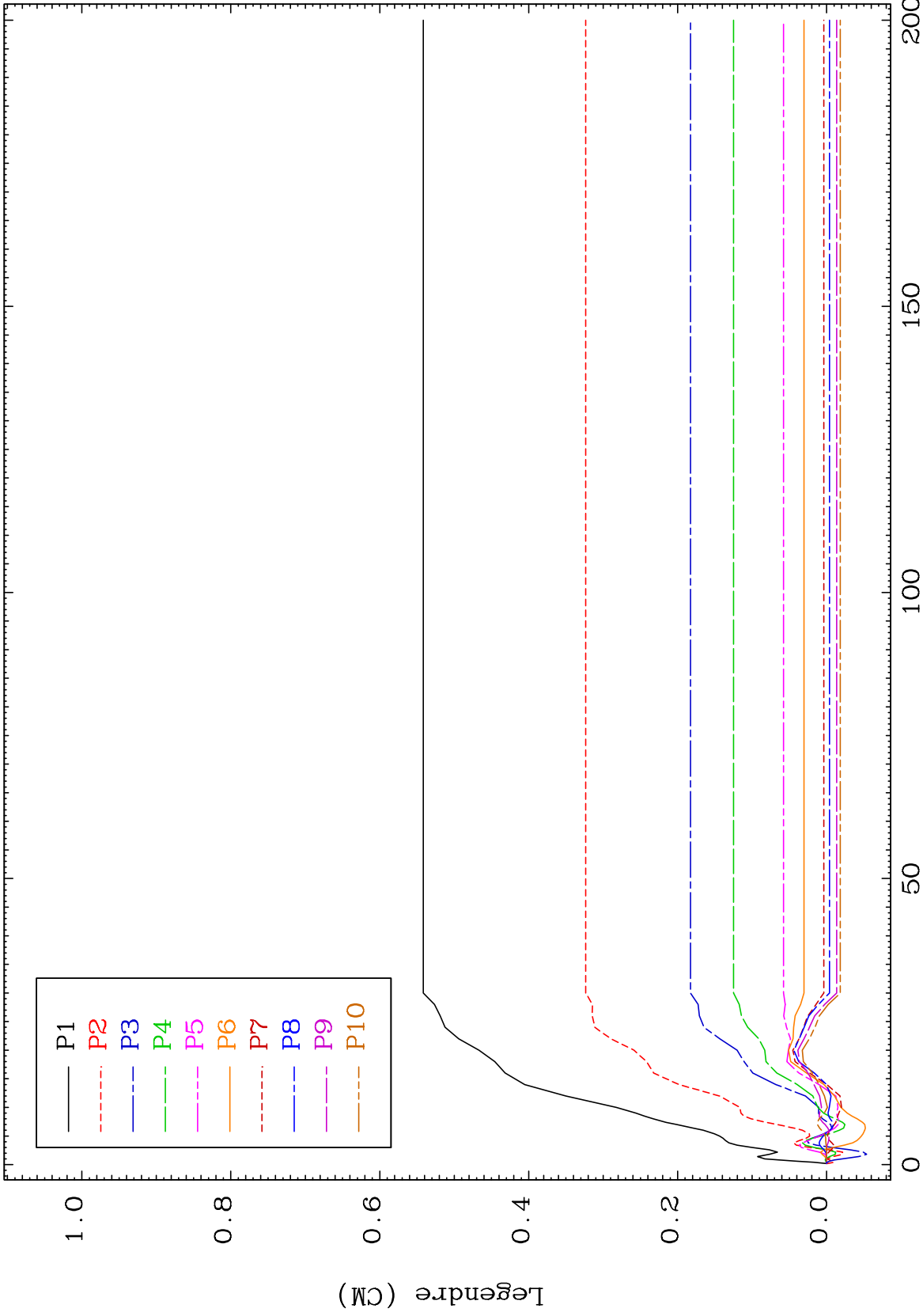
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



76

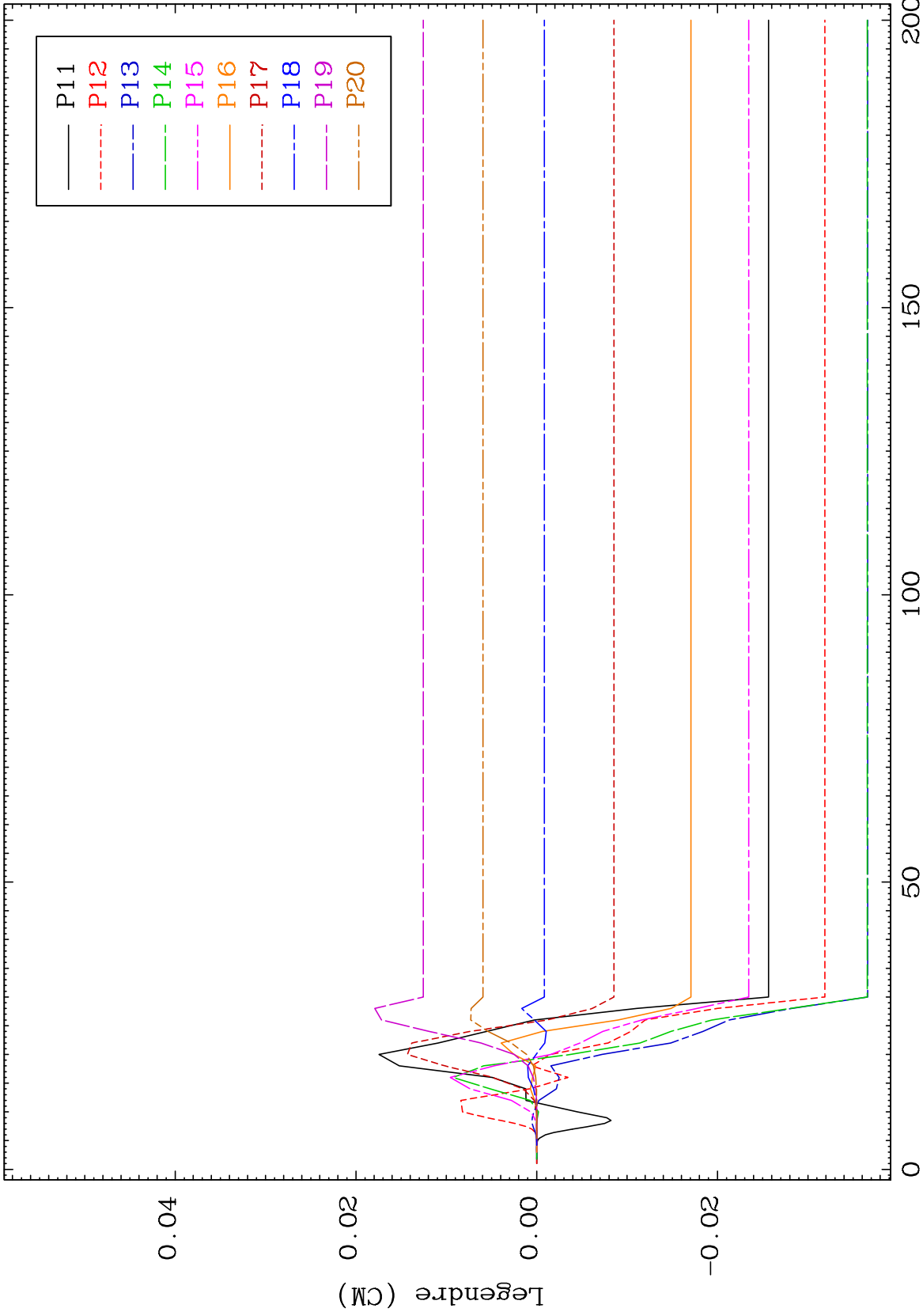
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77

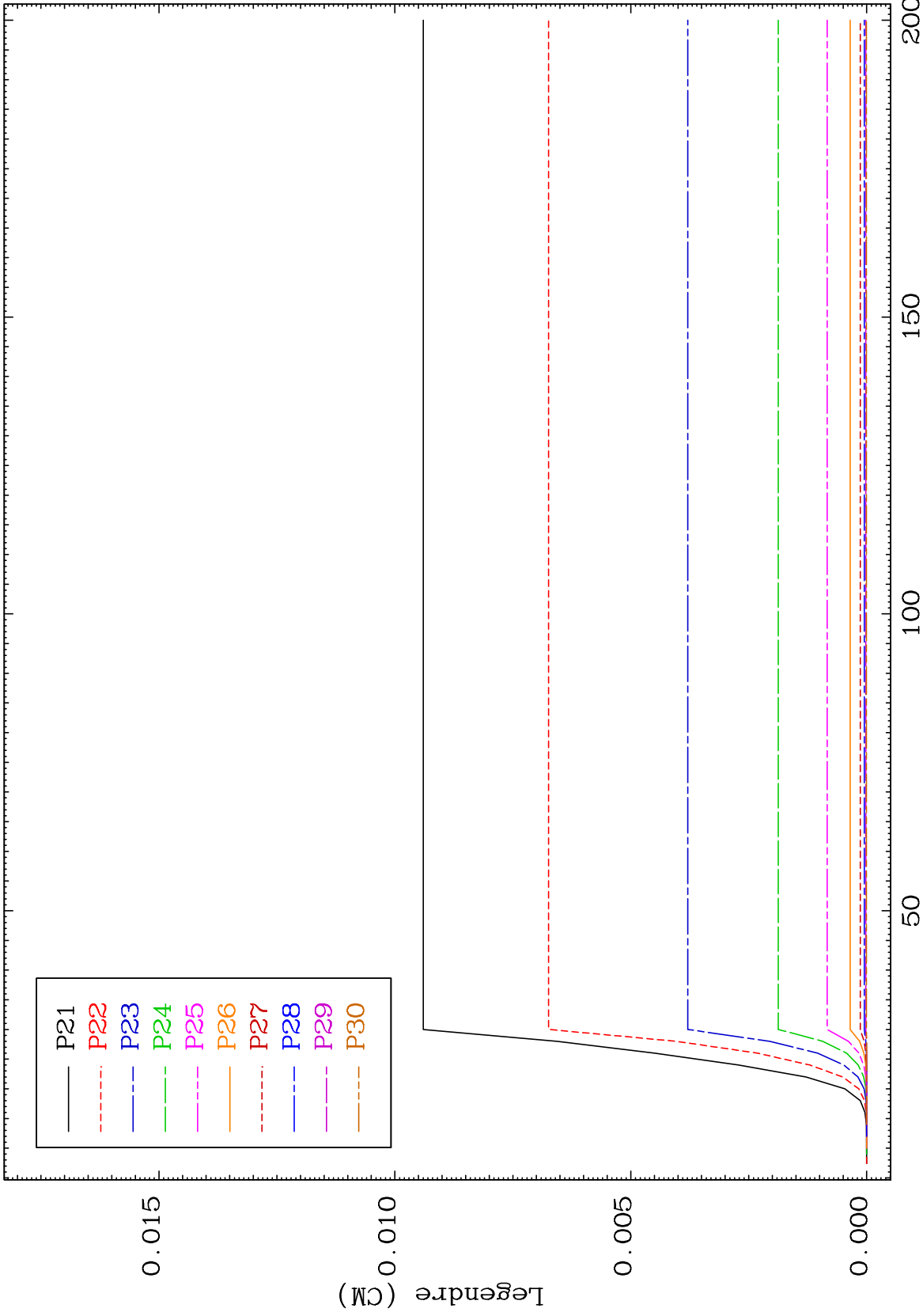
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



78

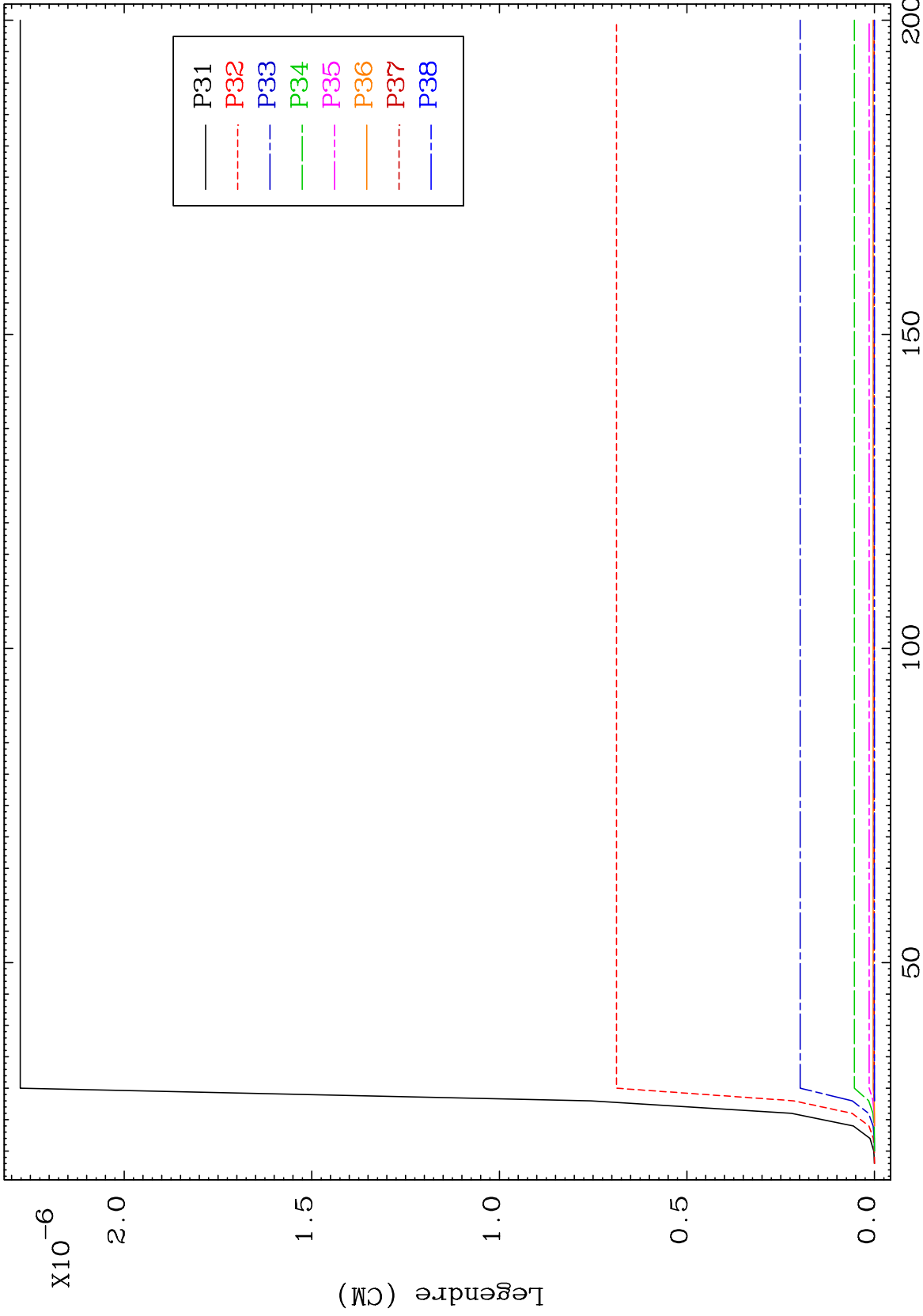
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



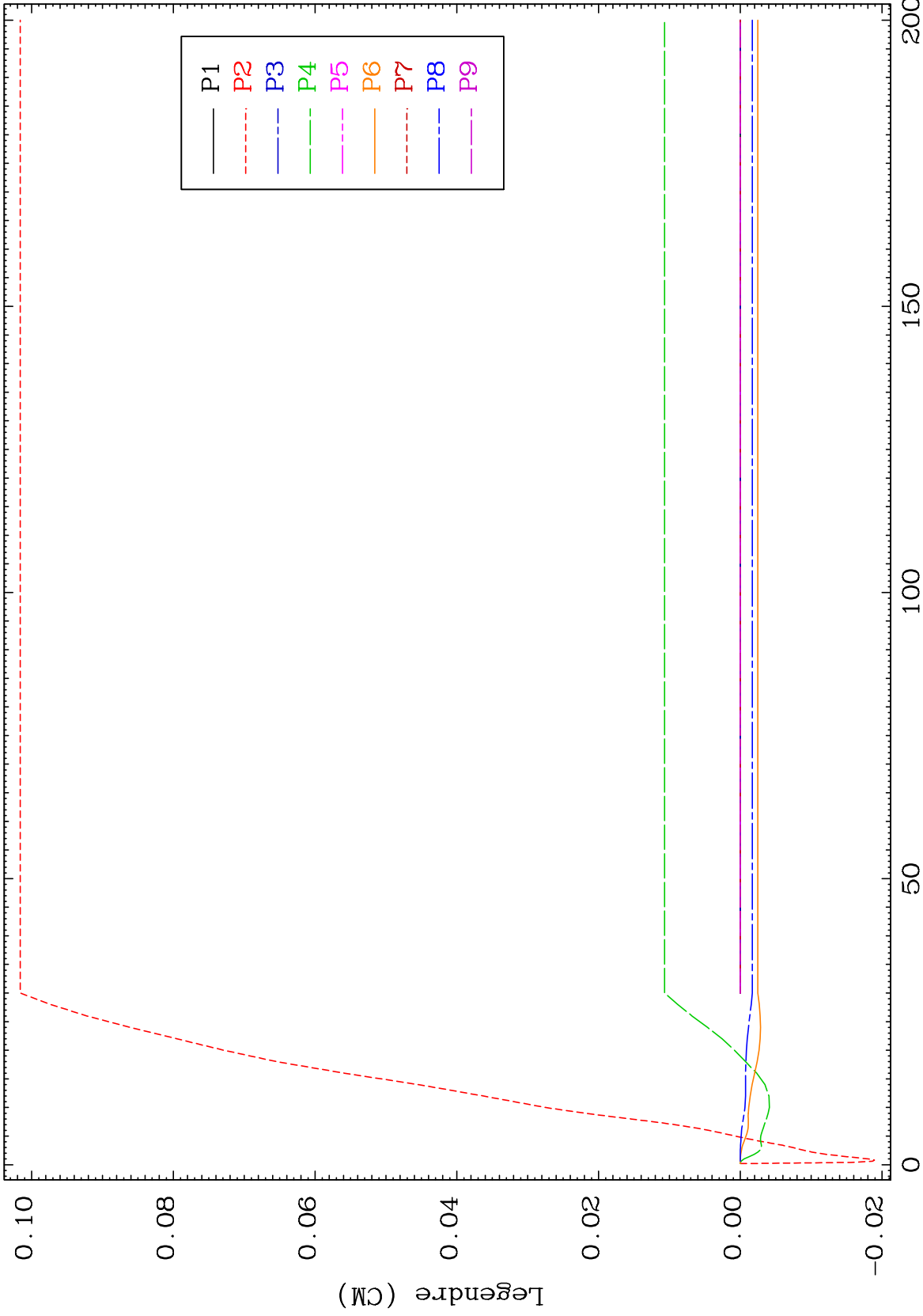
79

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

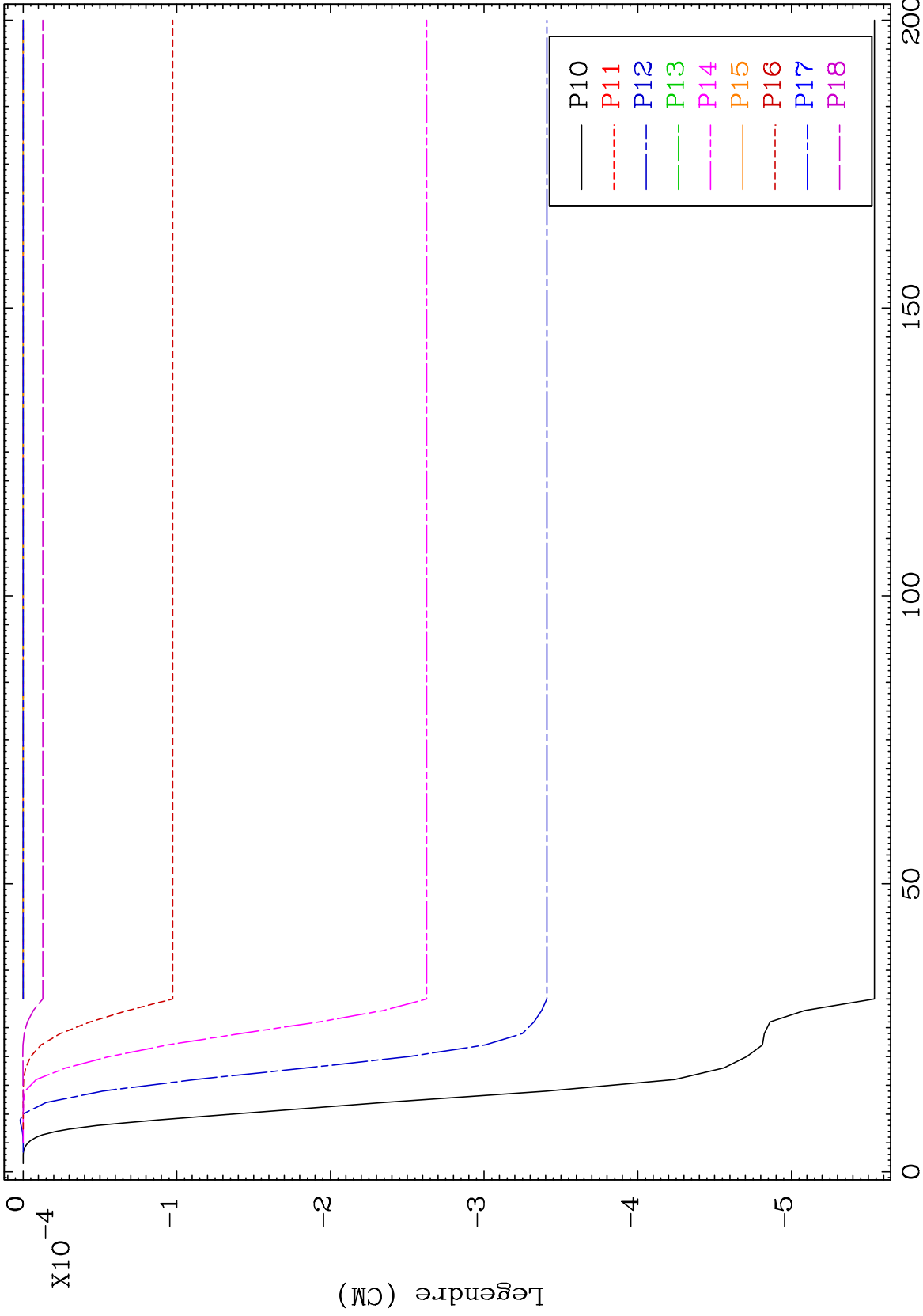
Incident Energy (MeV)

80

MAT 7728

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

77-Ir-192



81

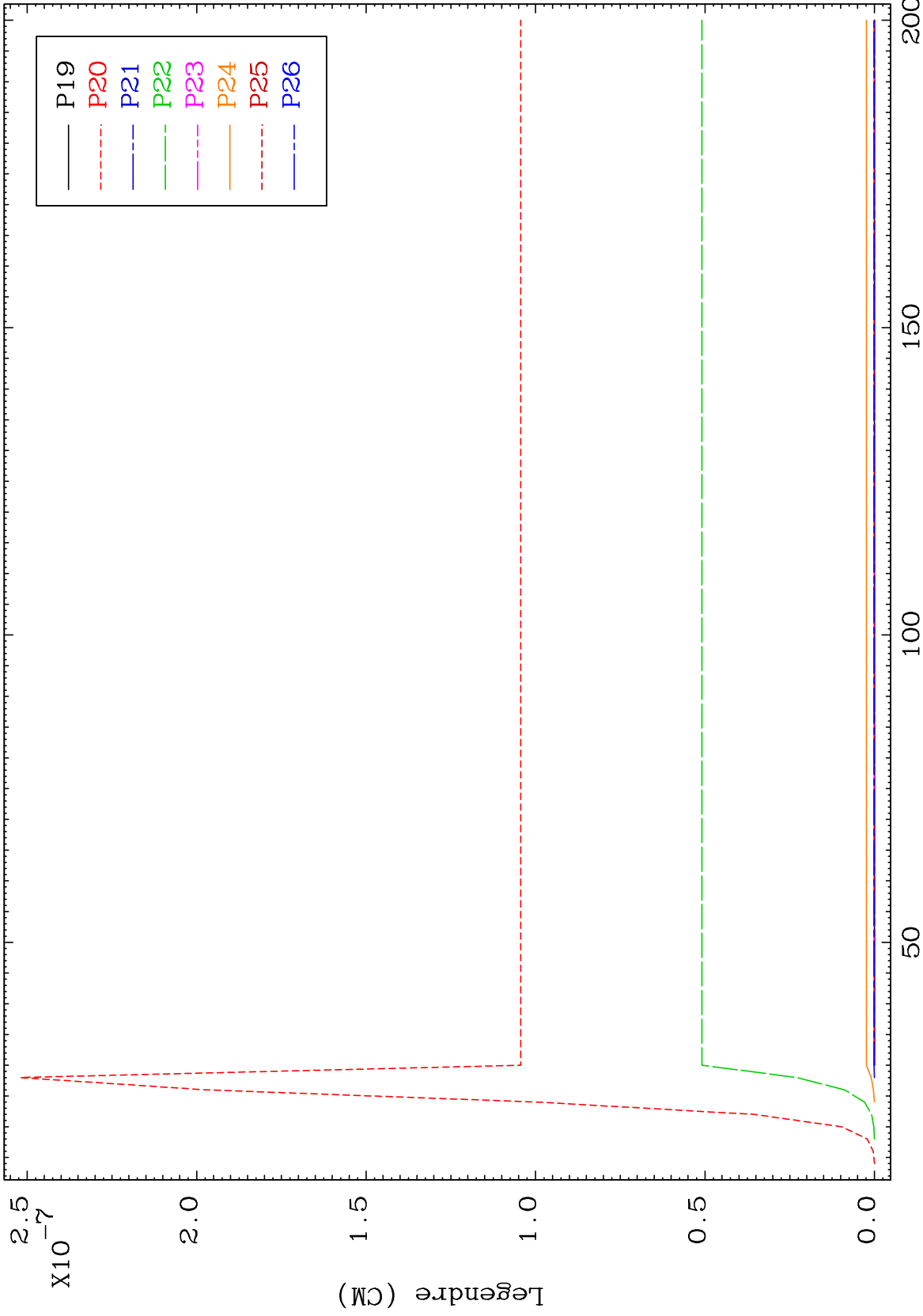
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



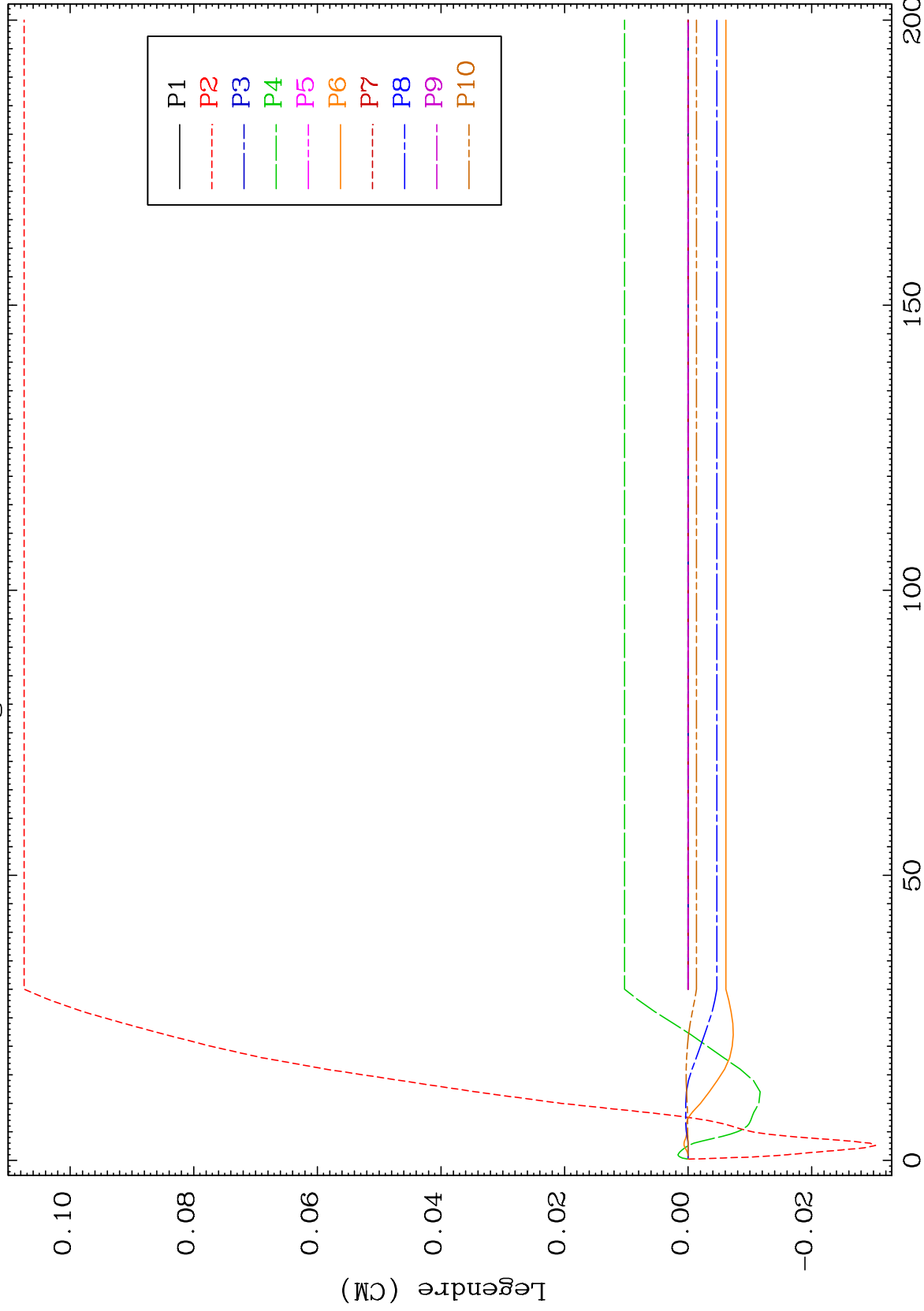
82

77-Ir-192

MAT 7728

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

77-Ir-192



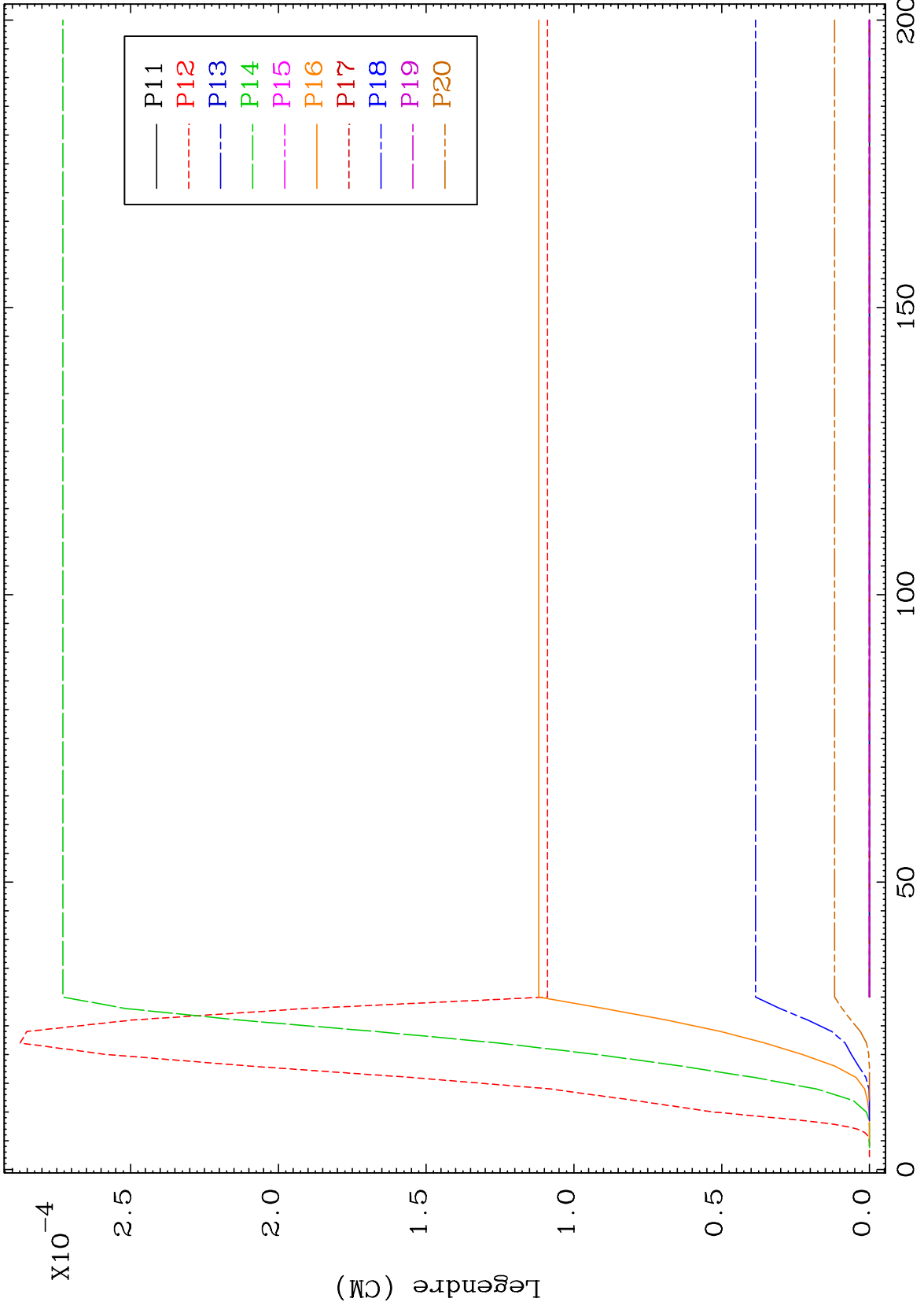
83

77-Ir-192

MAT 7728

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

77-Ir-192



84

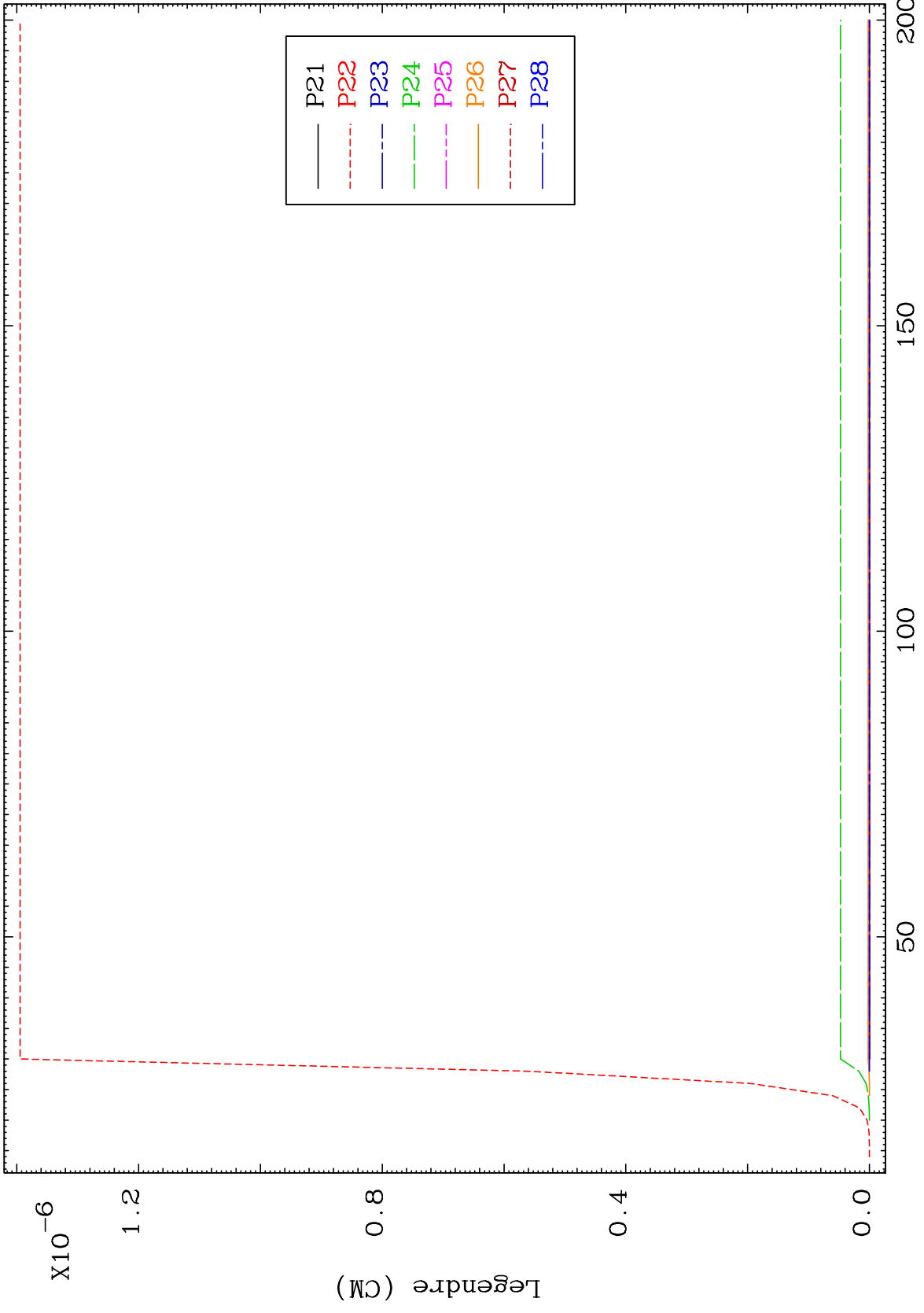
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



85

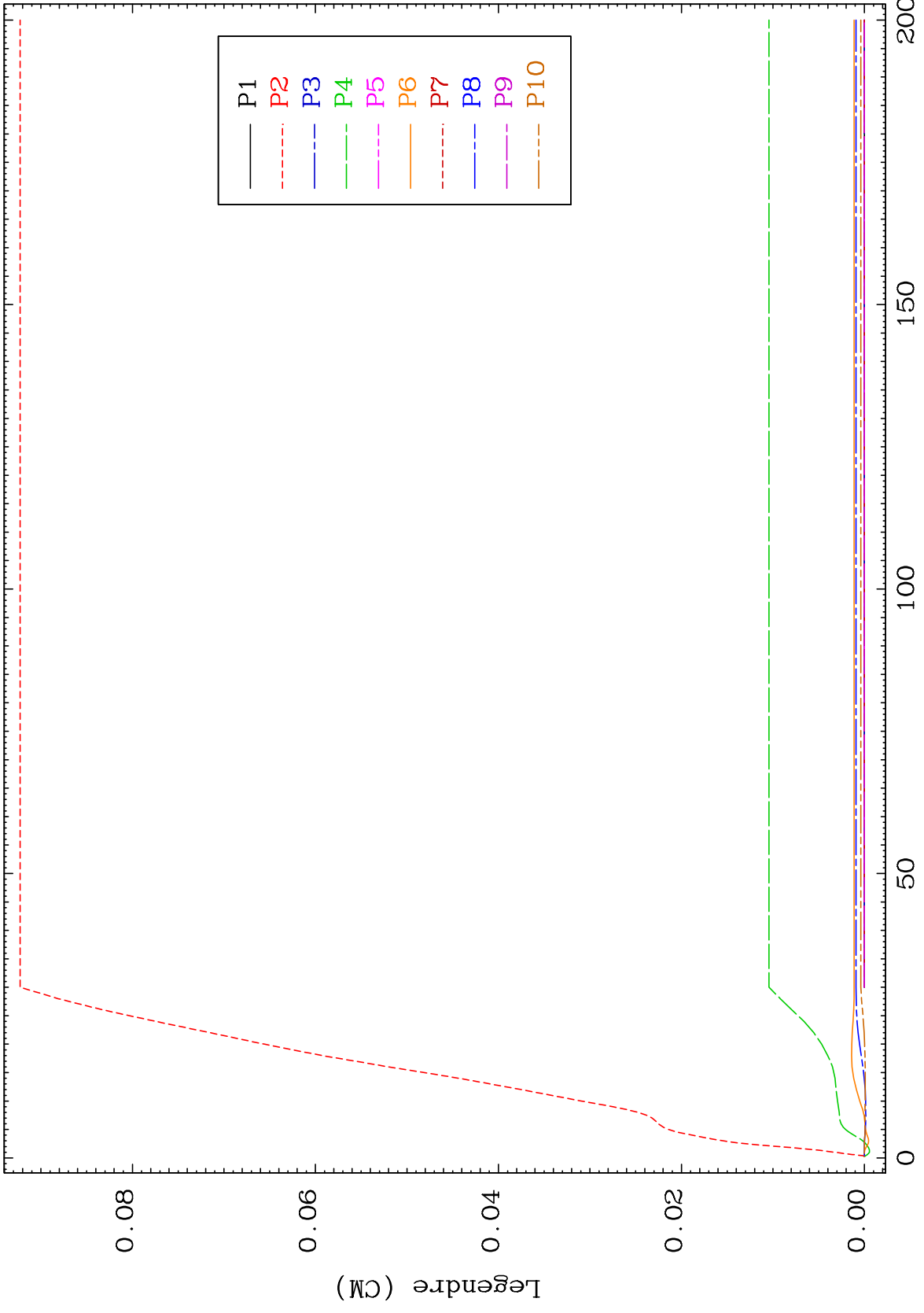
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192

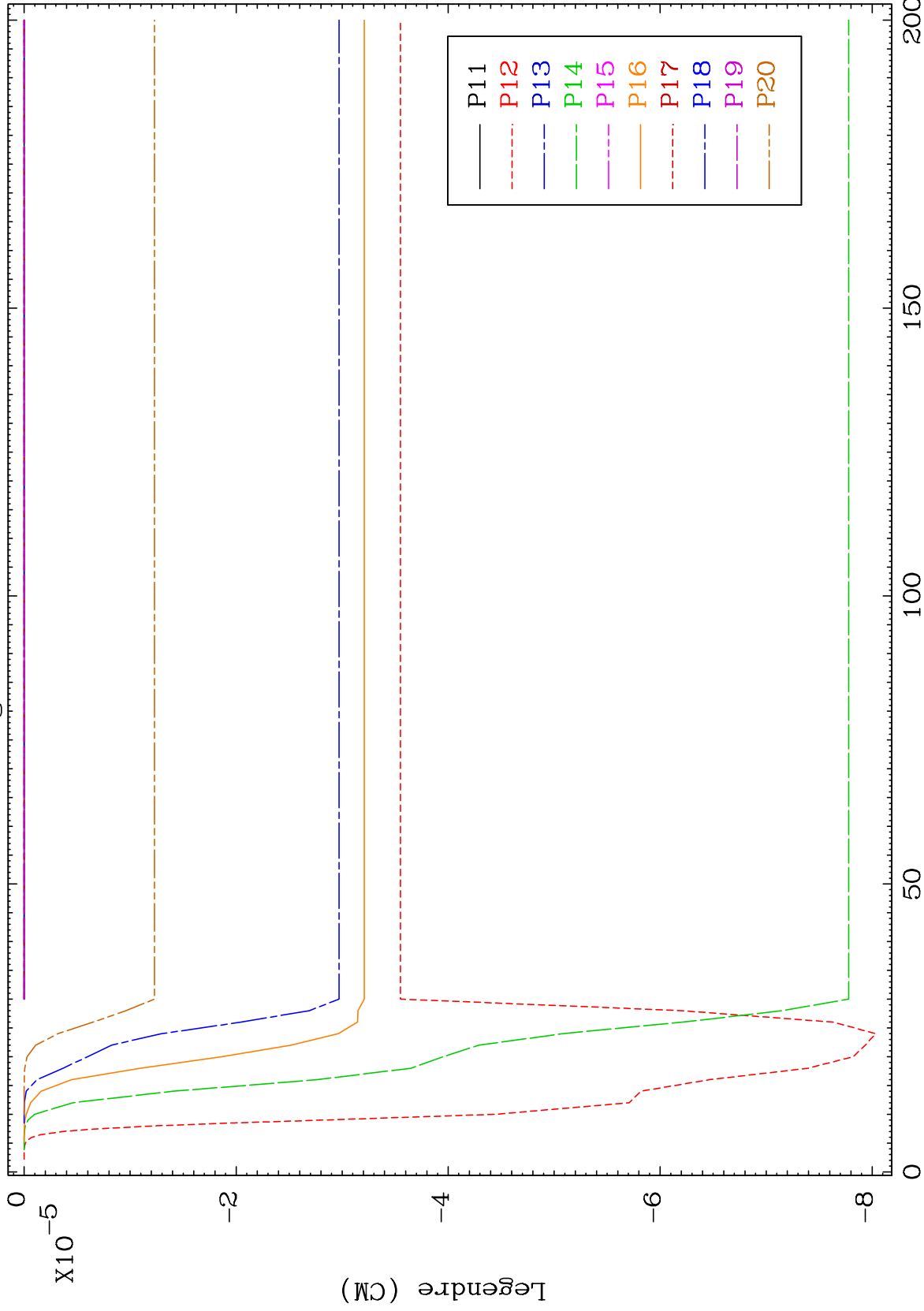


86

Incident Energy (MeV)

77-Ir-192

MAT 7728 MT= 70 (n,n') Level Legendre Coefficients 77-Ir-192

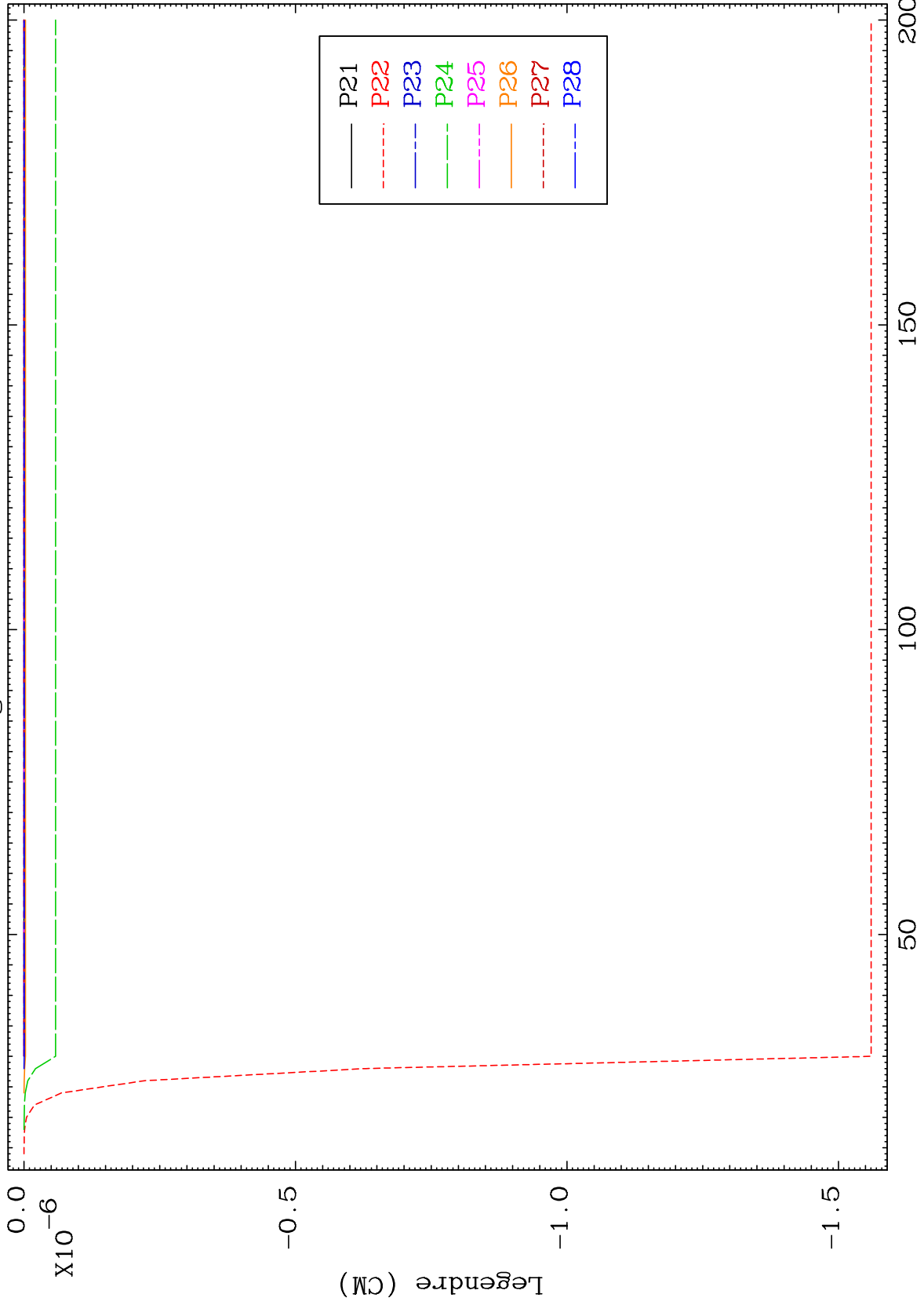


87 77-Ir-192

MAT 7728

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

77-Ir-192



88

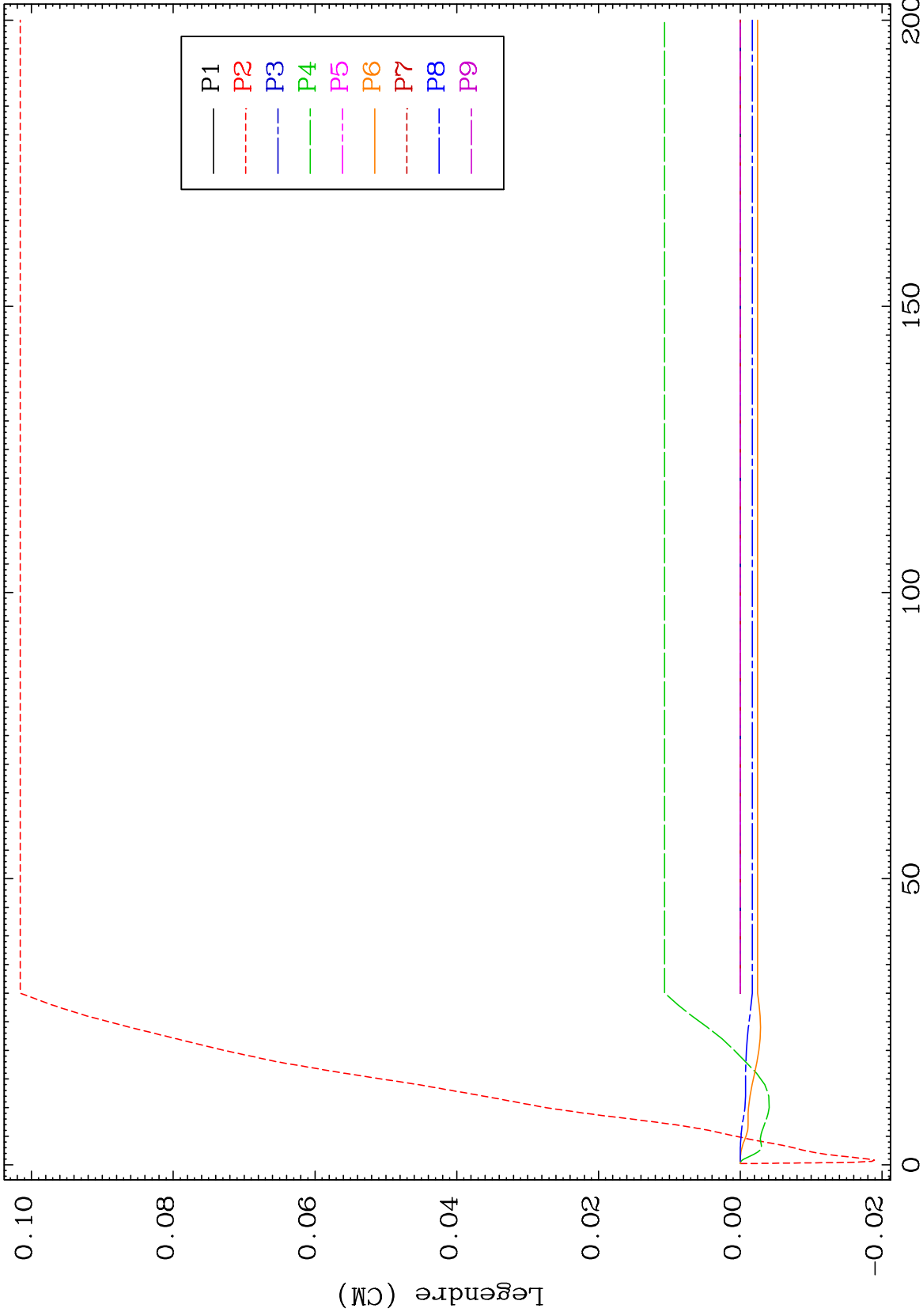
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



89

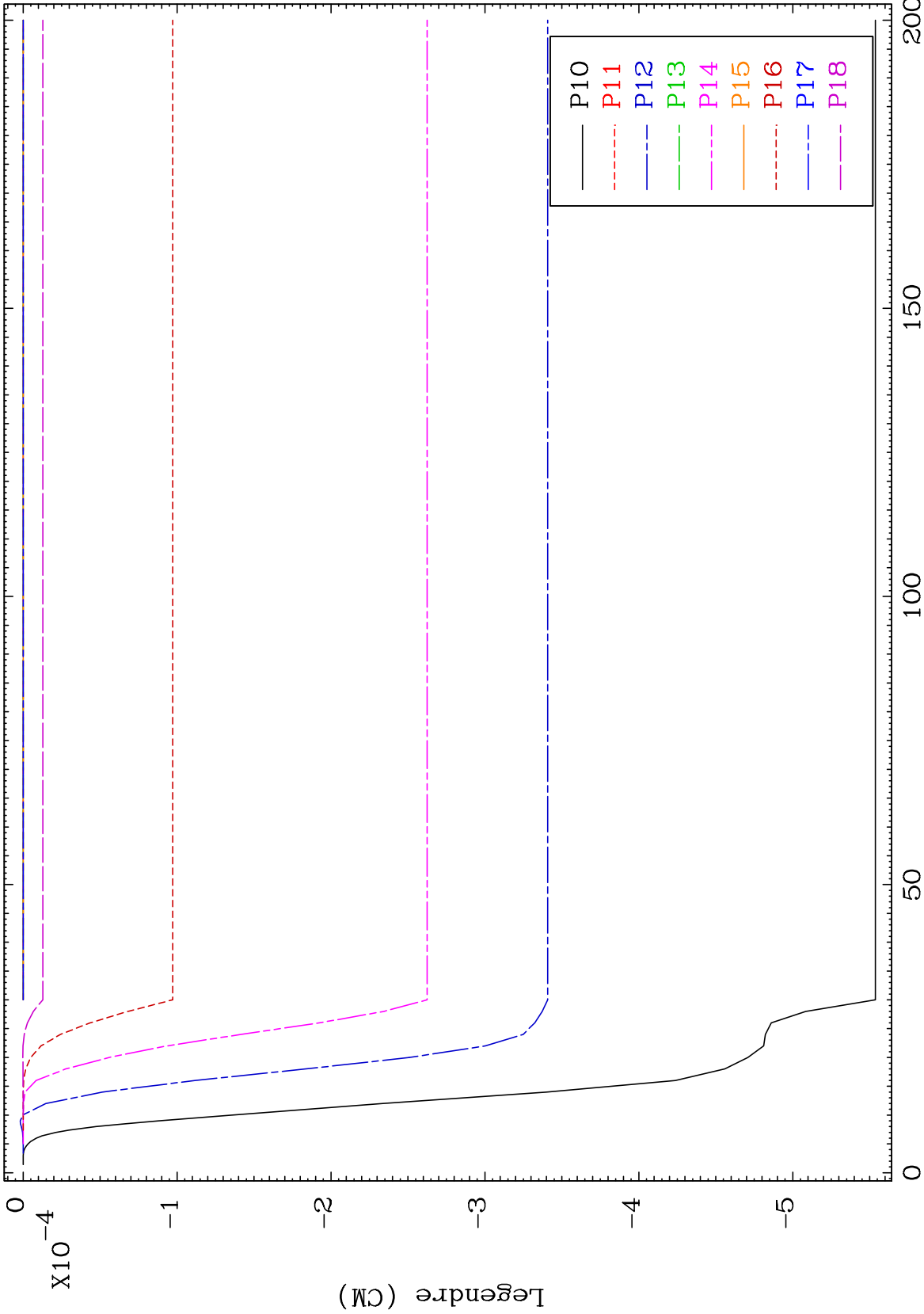
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



90

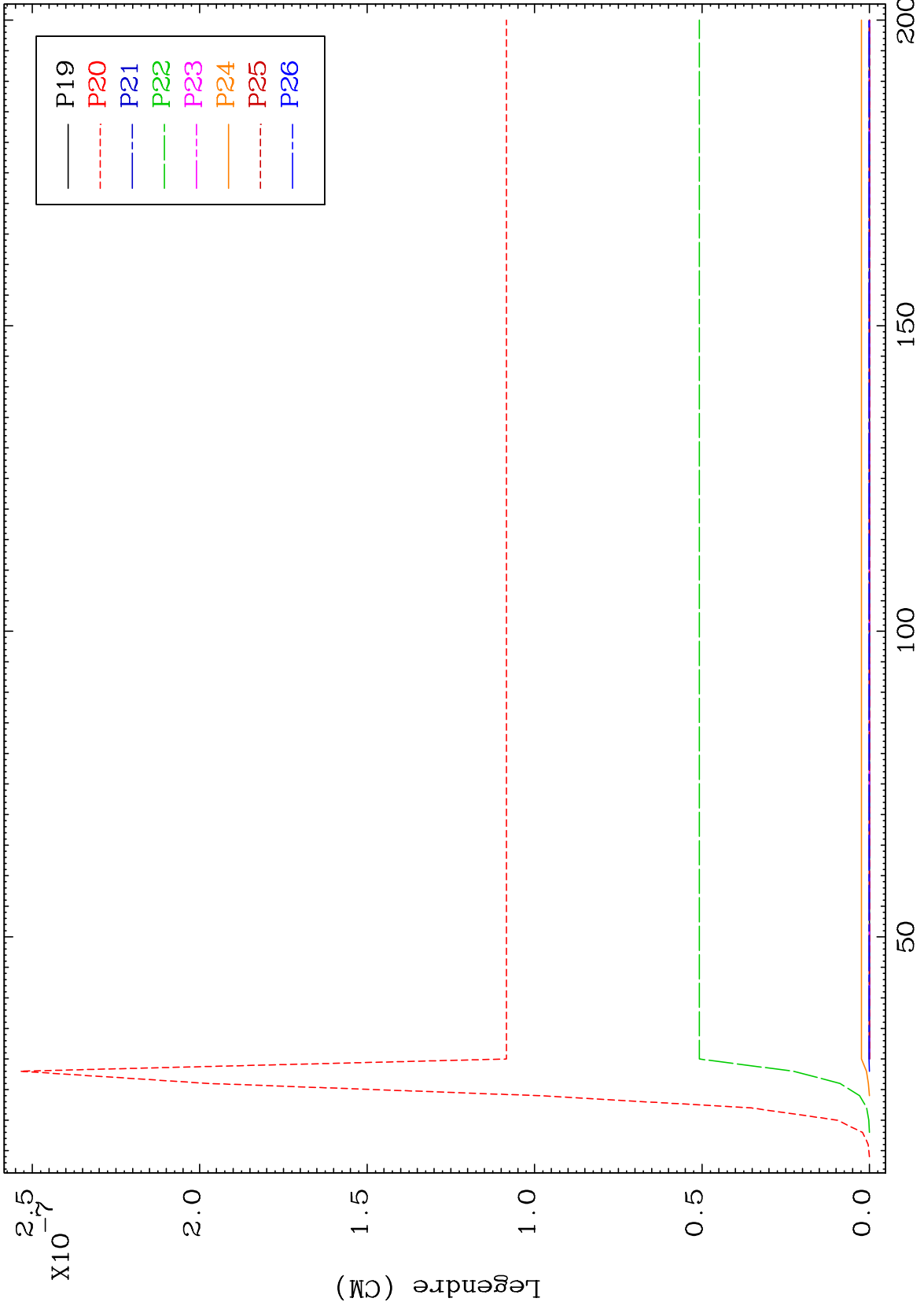
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



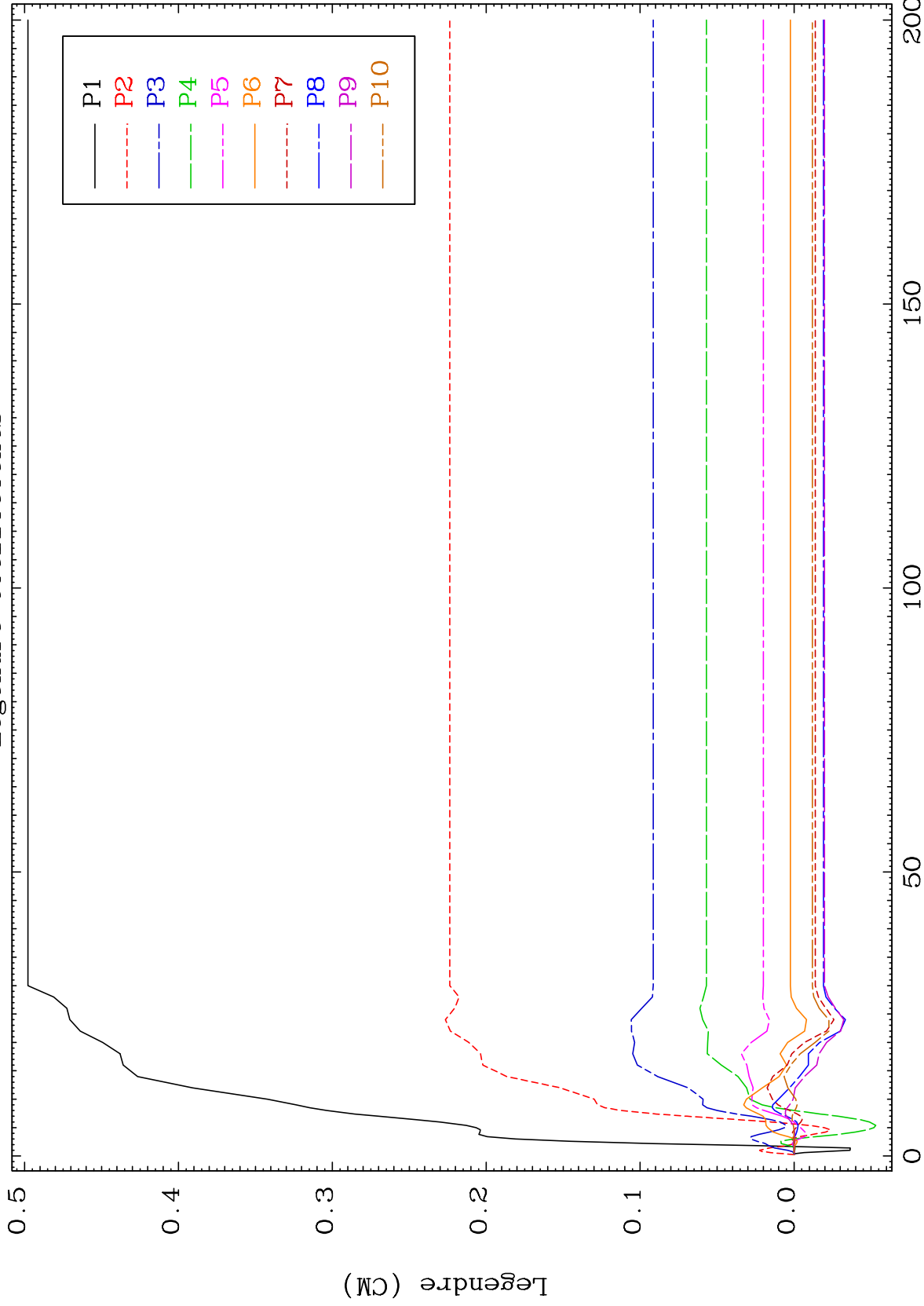
91

77-Ir-192

MAT 7728

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

77-Ir-192



92

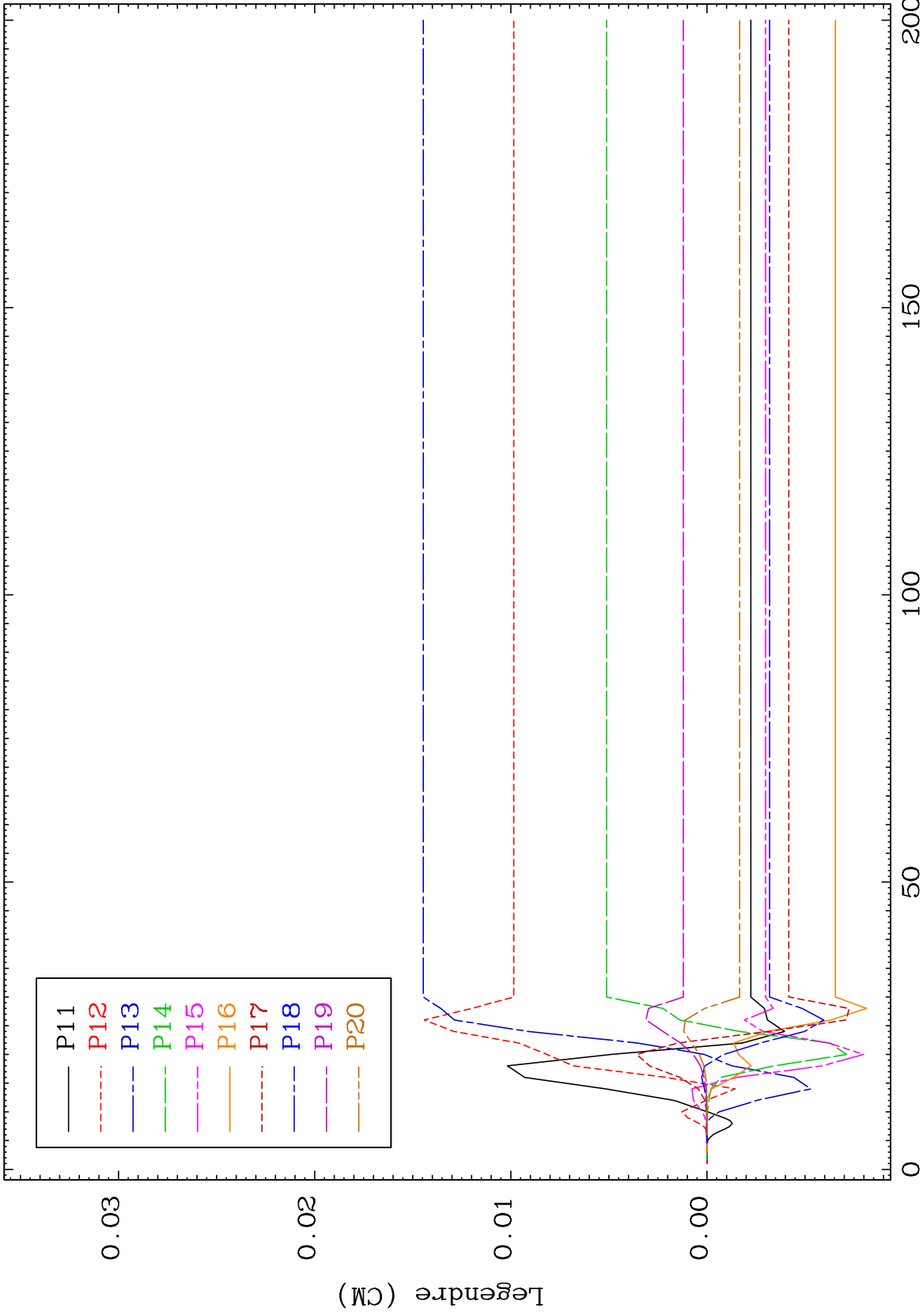
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

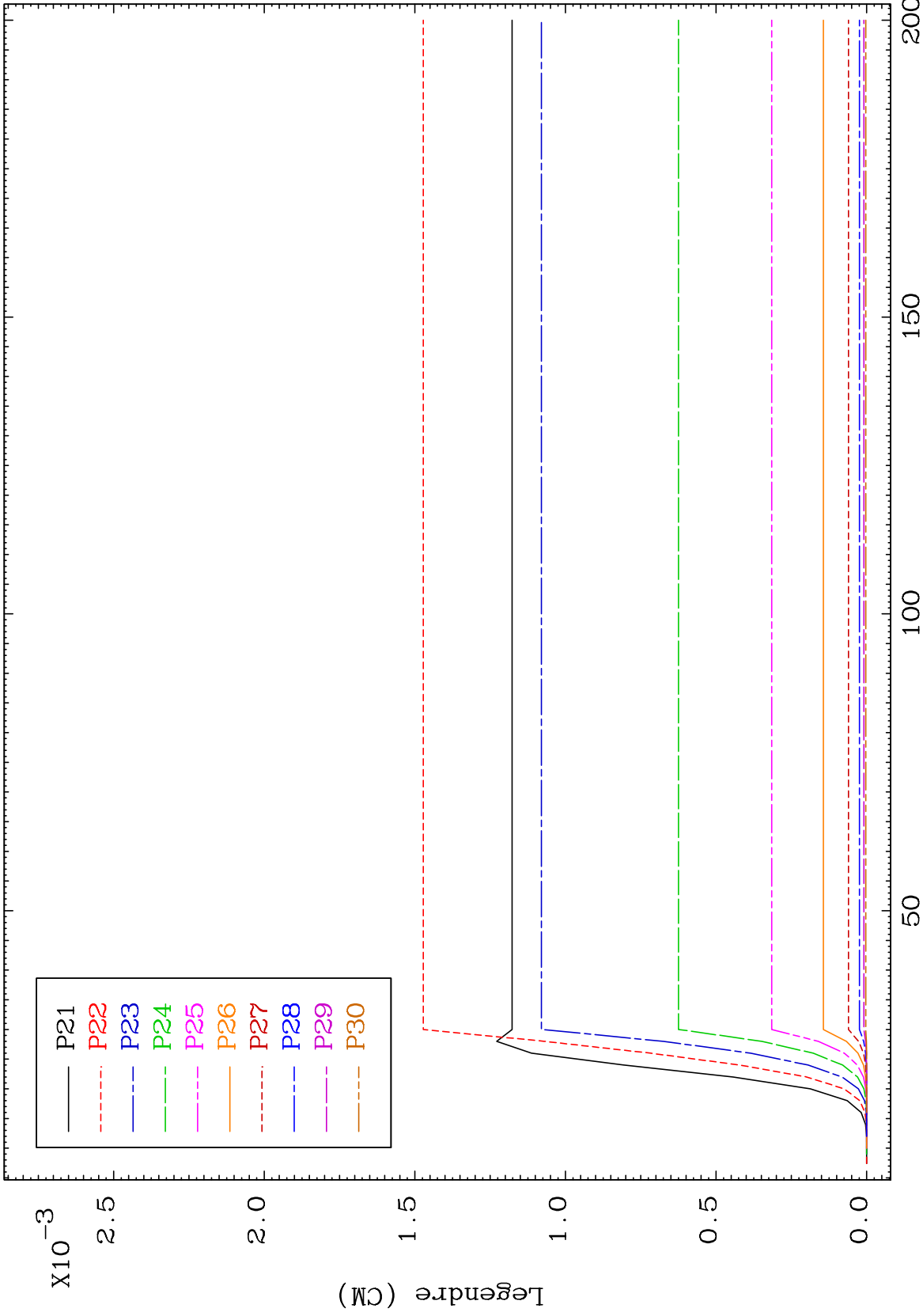
77-Ir-192



93

Incident Energy (MeV)

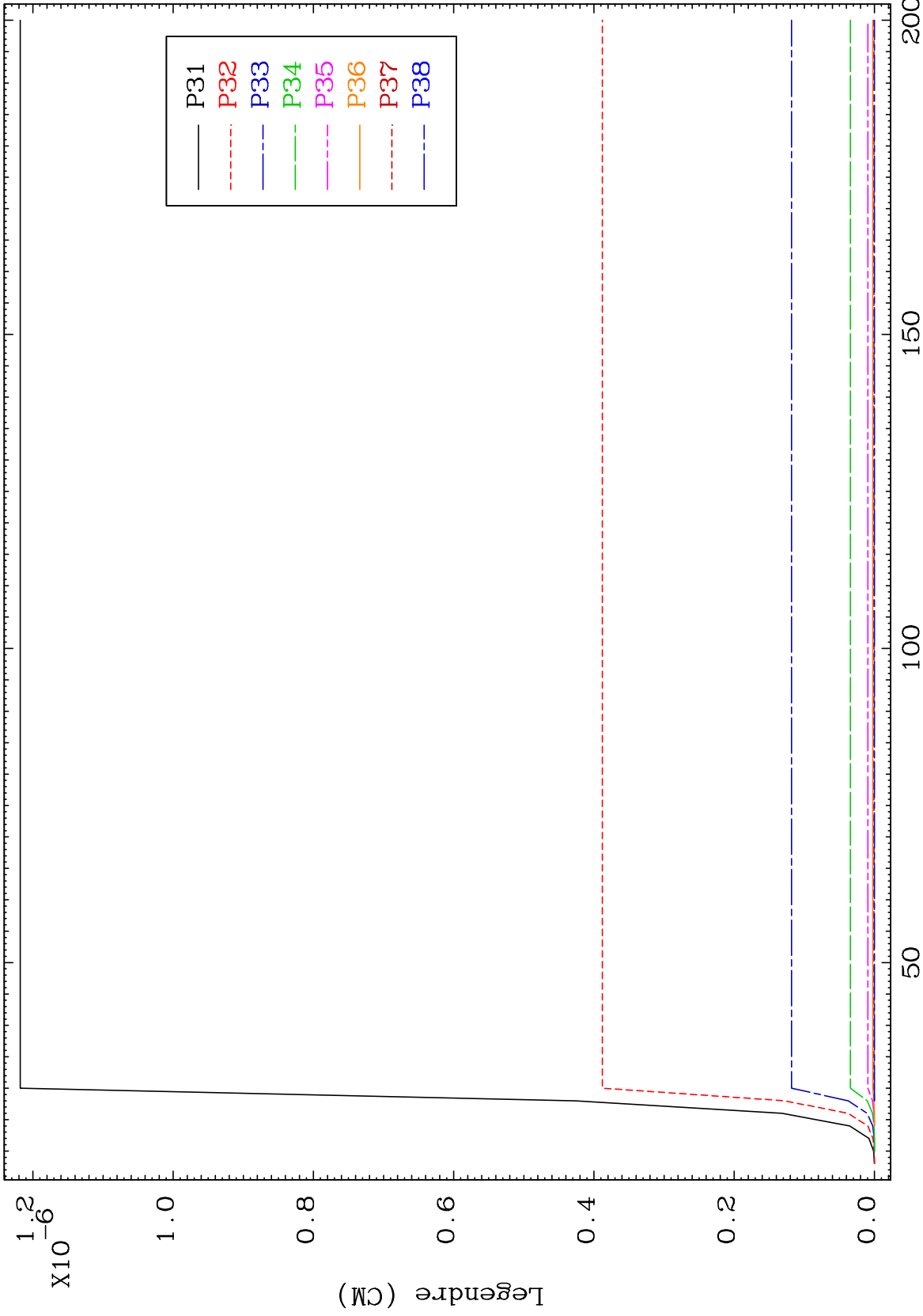
77-Ir-192



MAT 7728

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

77-Ir-192



95

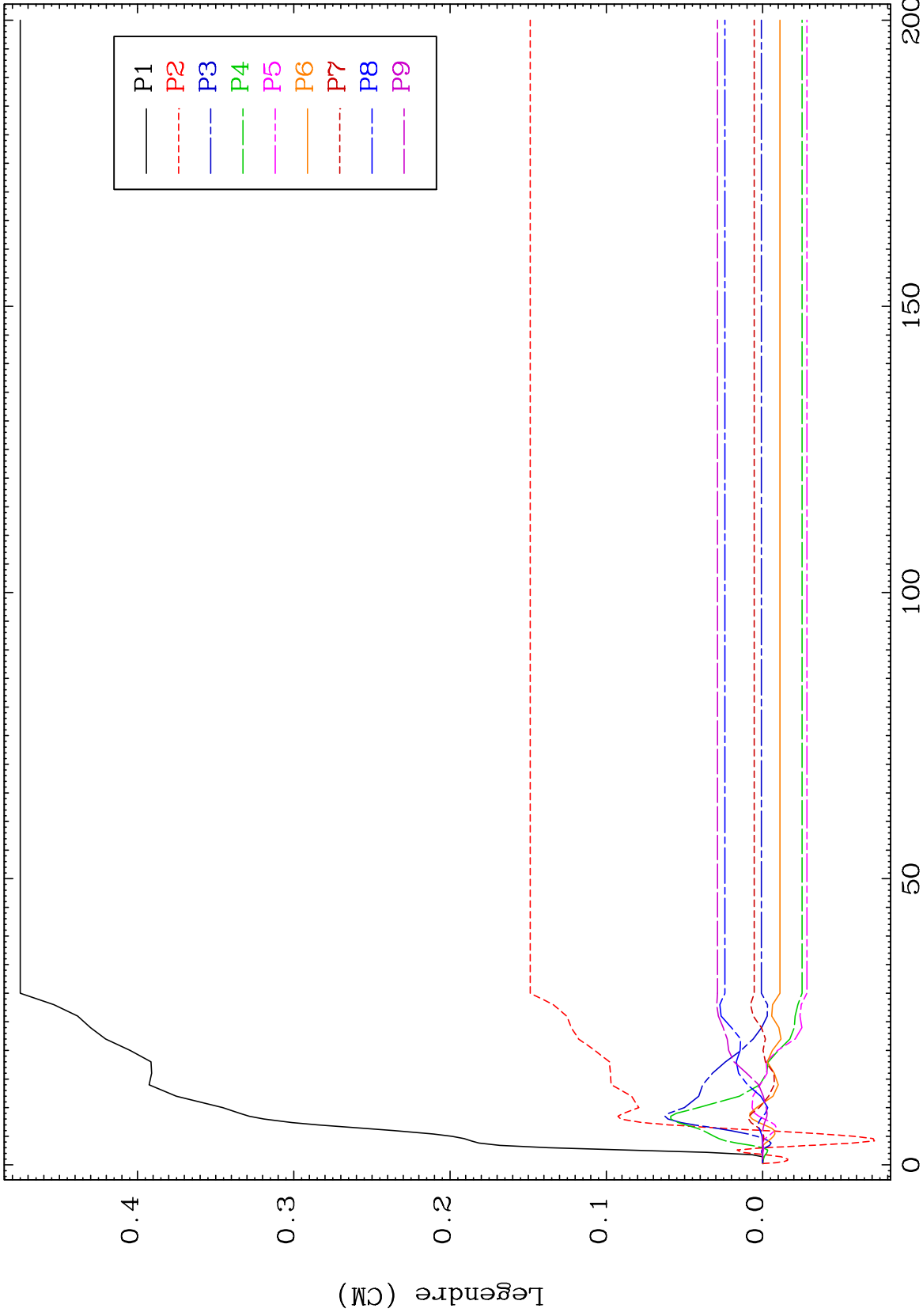
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



96

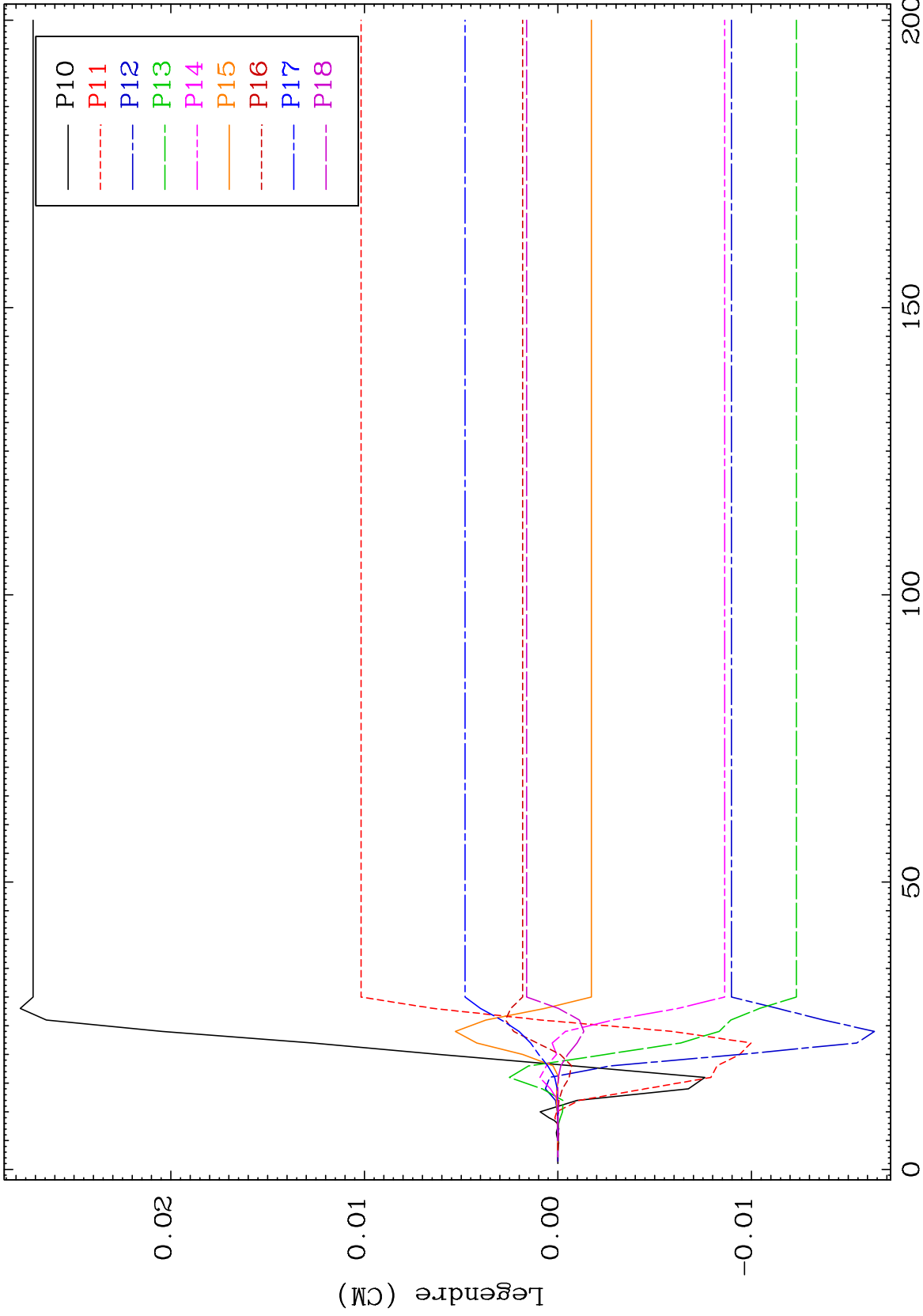
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



97

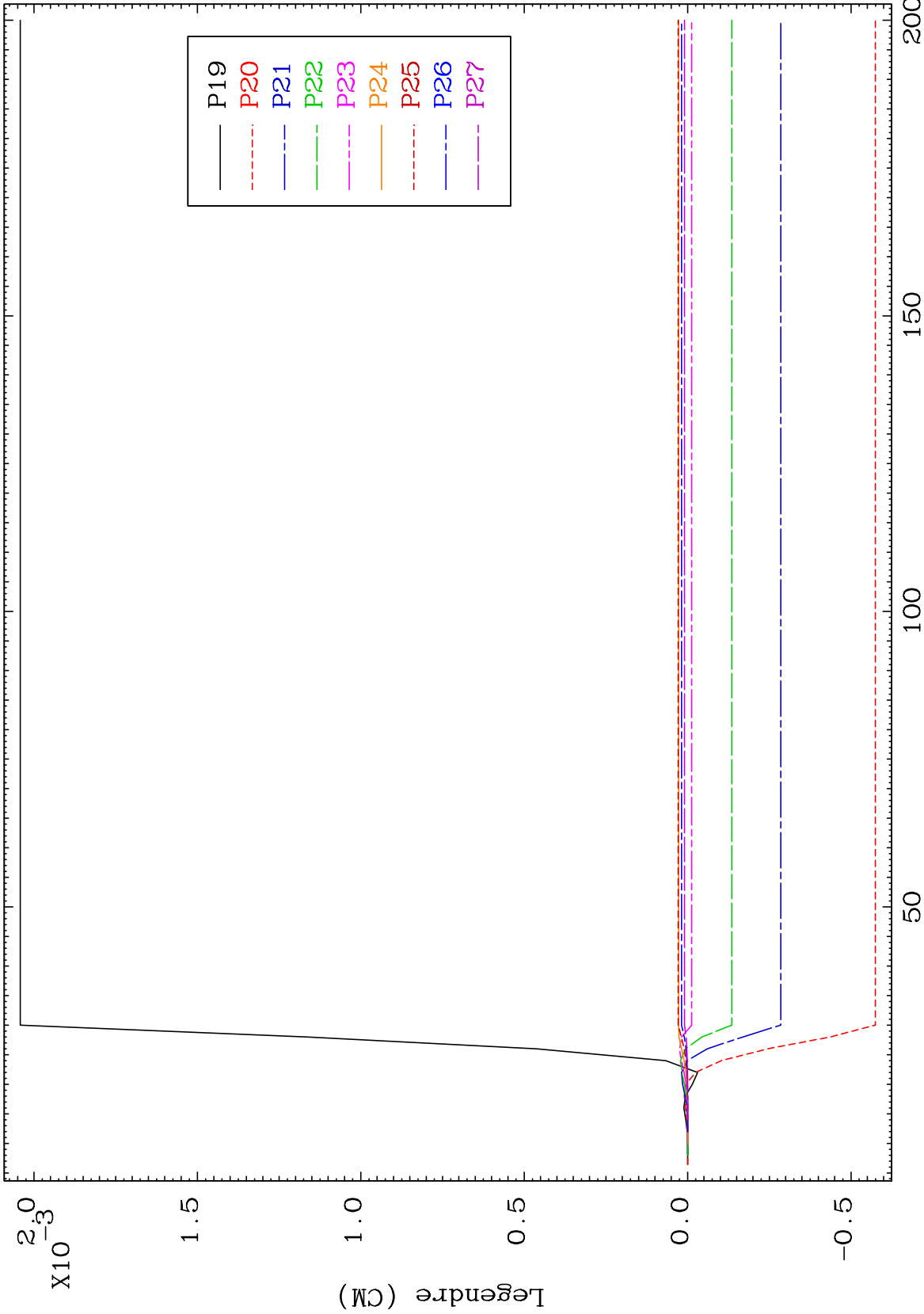
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



98

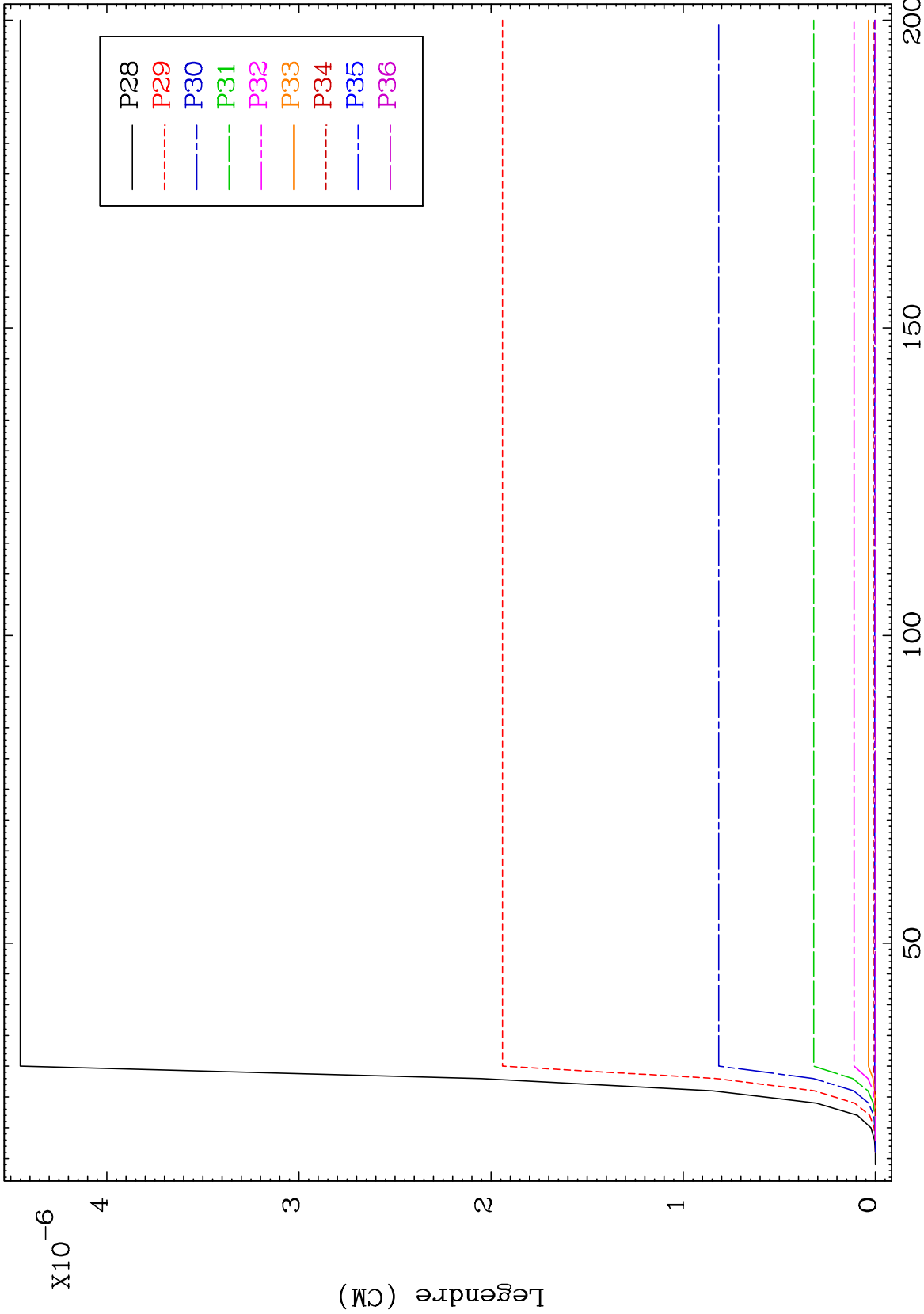
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



99

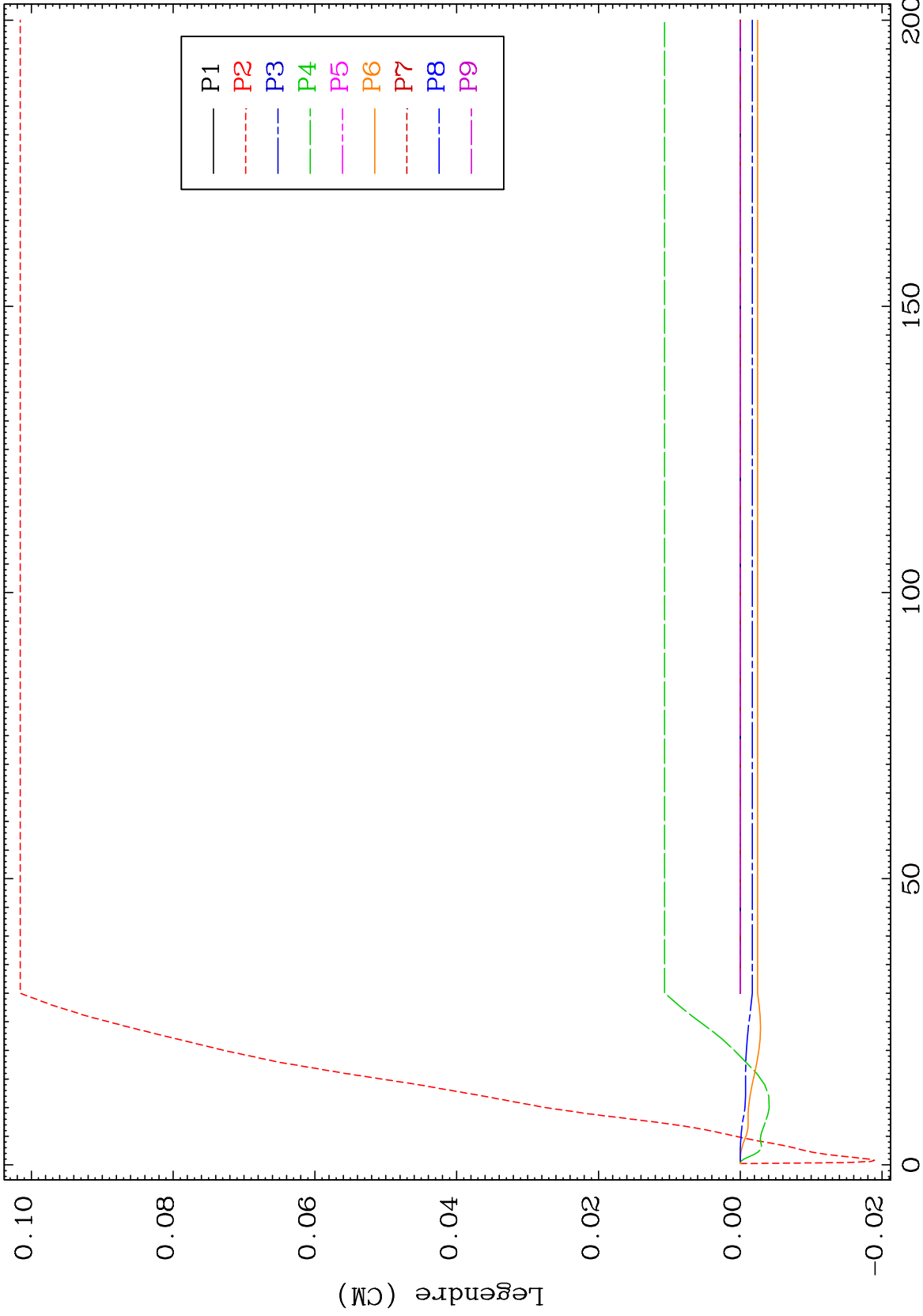
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

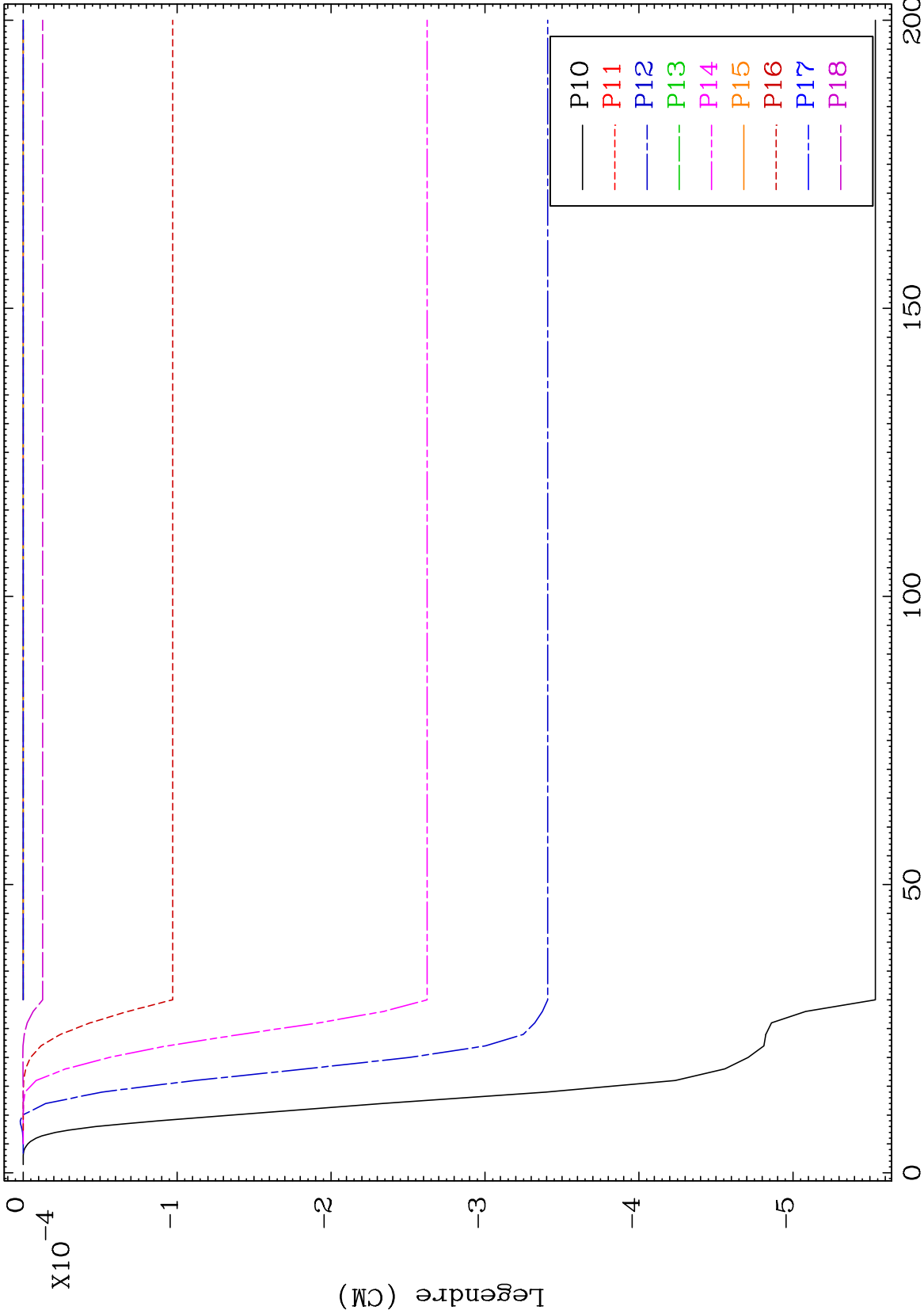
Incident Energy (MeV)

100

MAT 7728

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

77-Ir-192



101

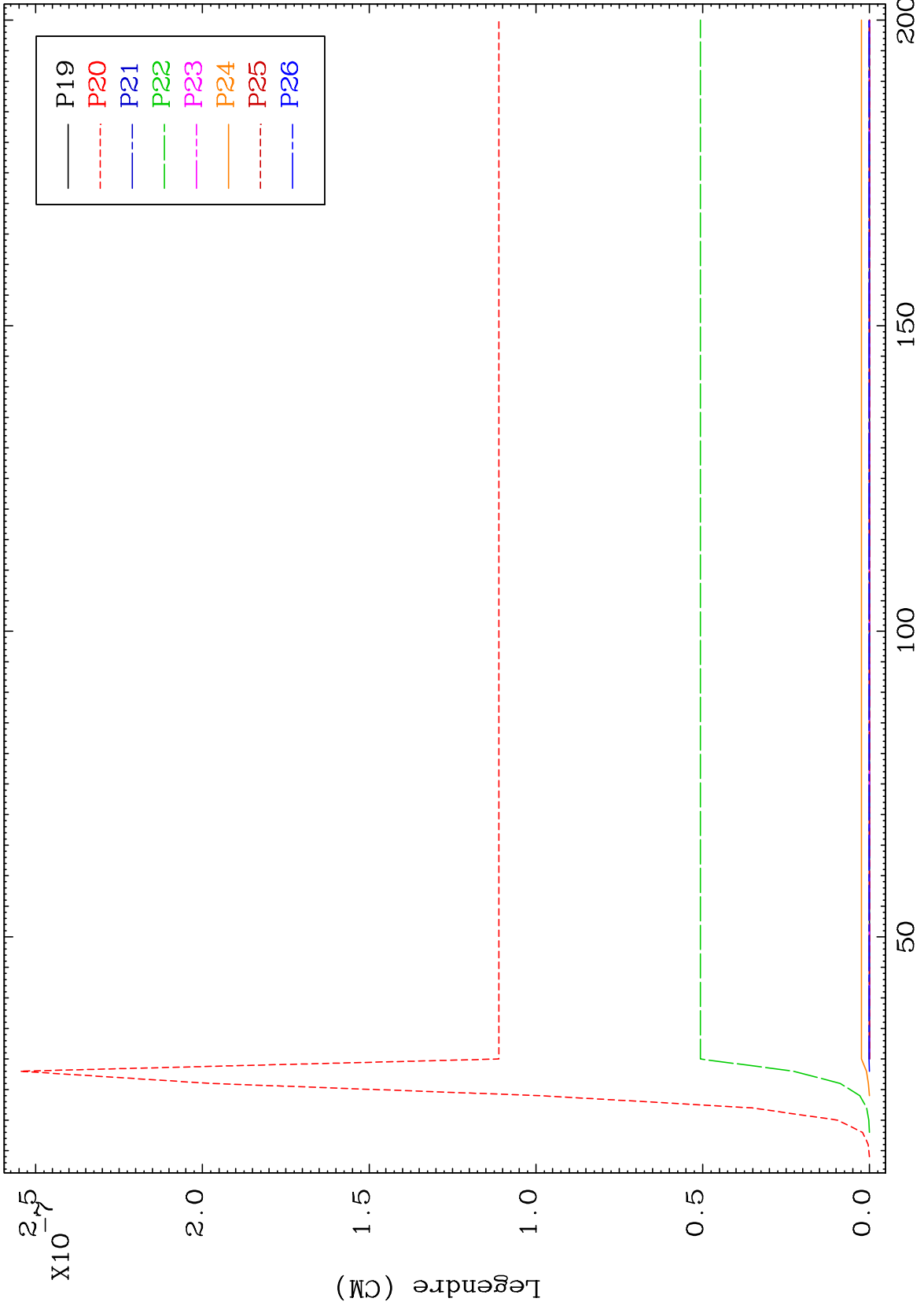
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



102

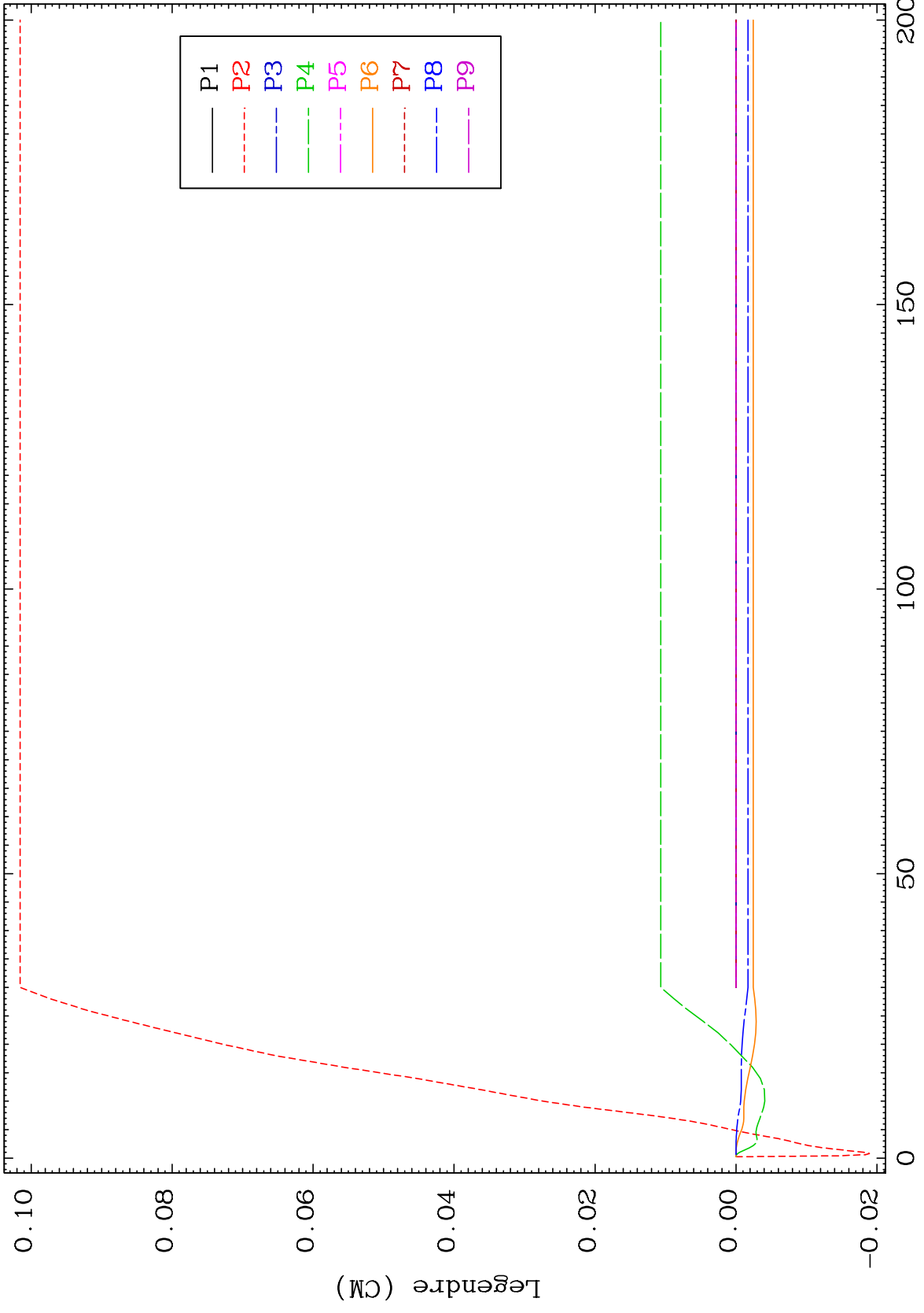
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

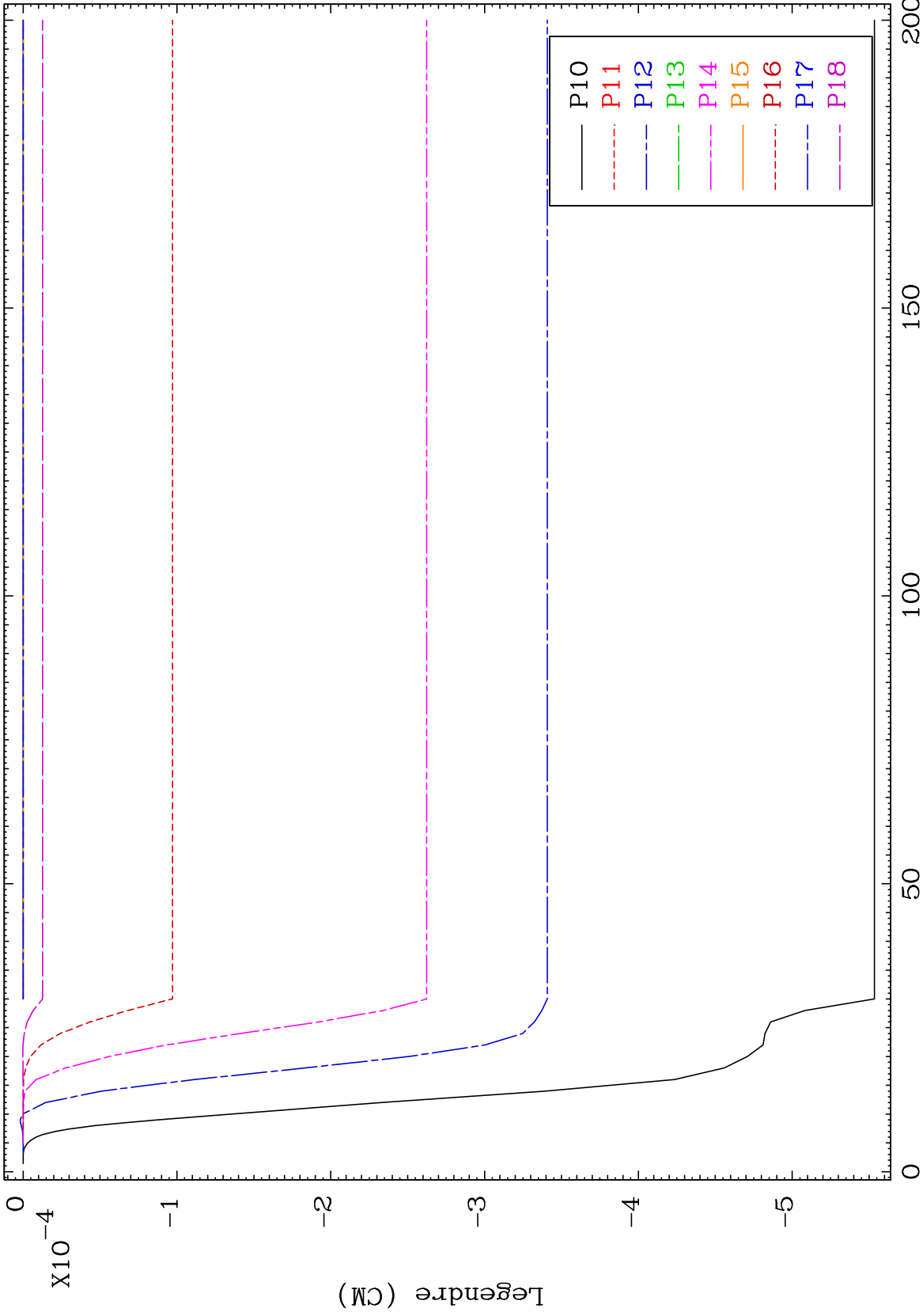
Incident Energy (MeV)

103

MAT 7728

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

77-Ir-192



104

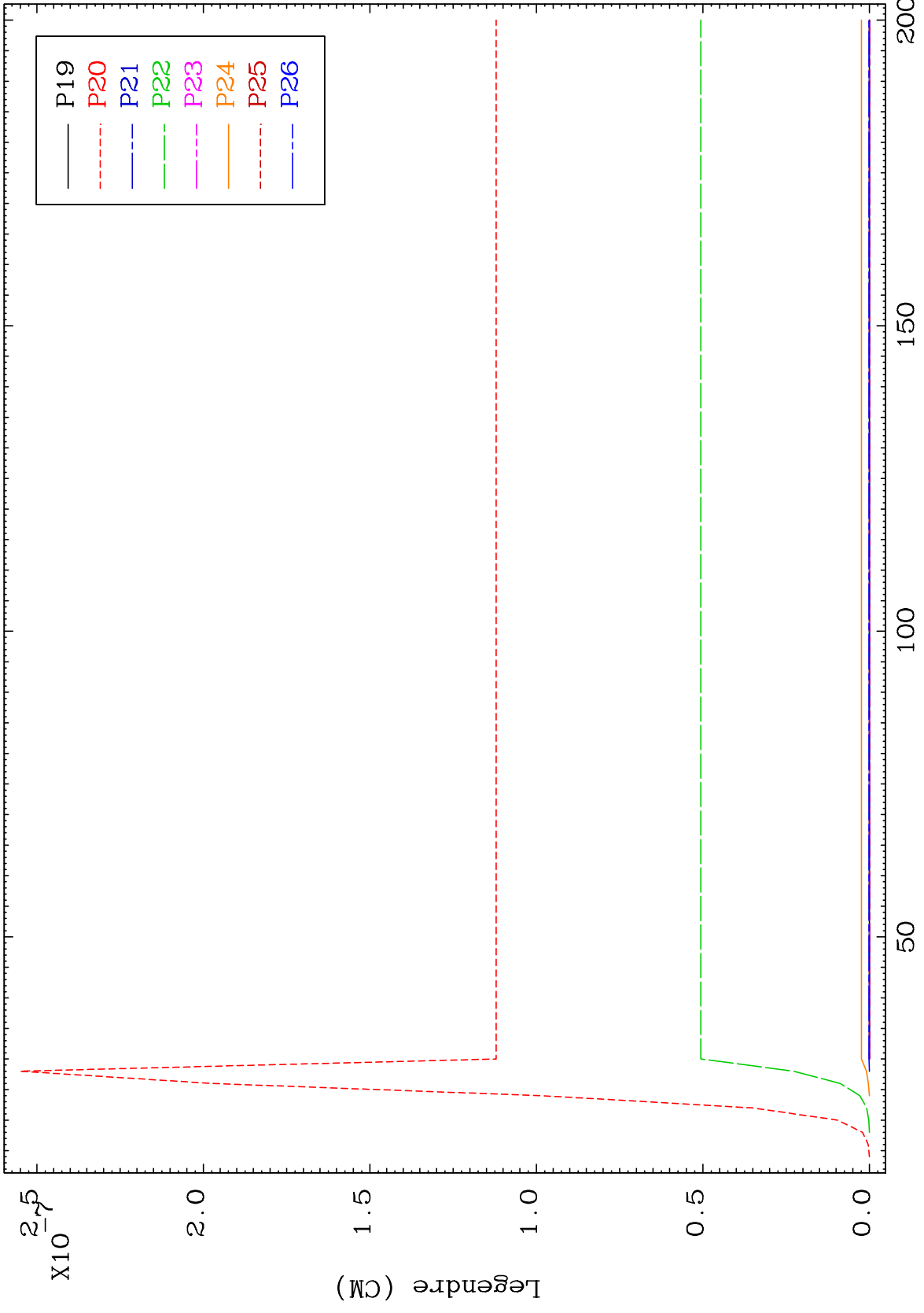
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



105

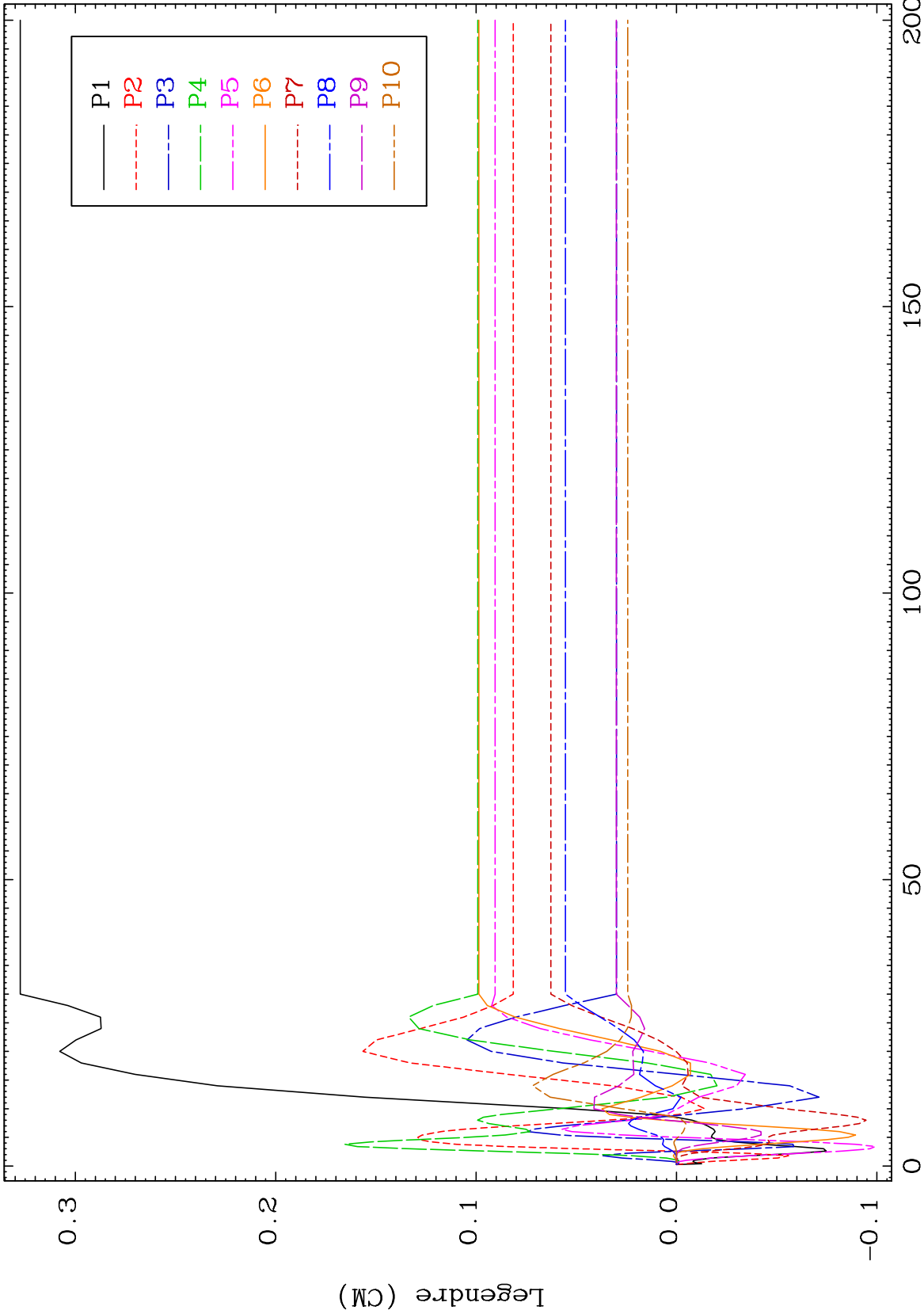
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

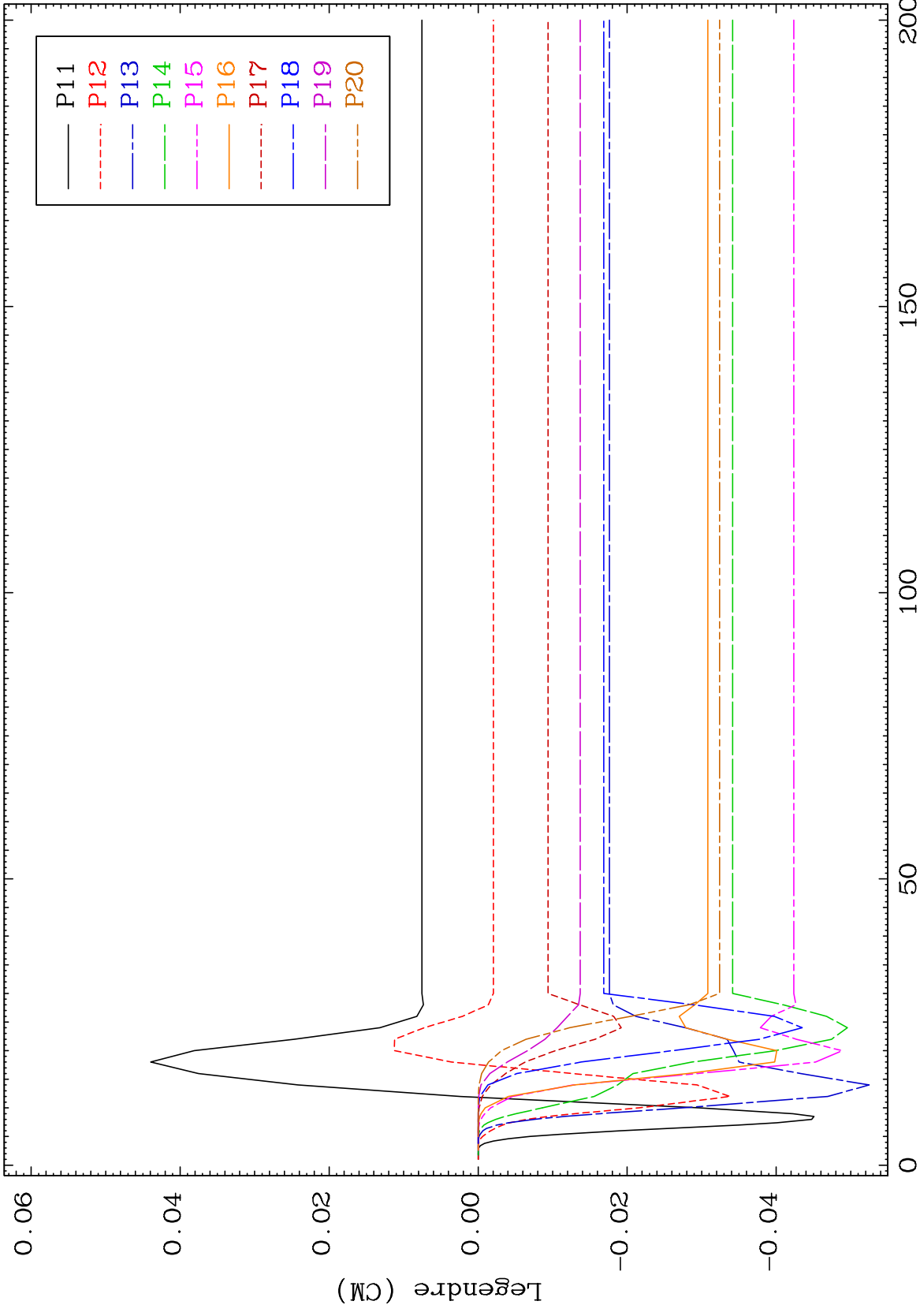
Incident Energy (MeV)

106

MAT 7728

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

77-Ir-192



107

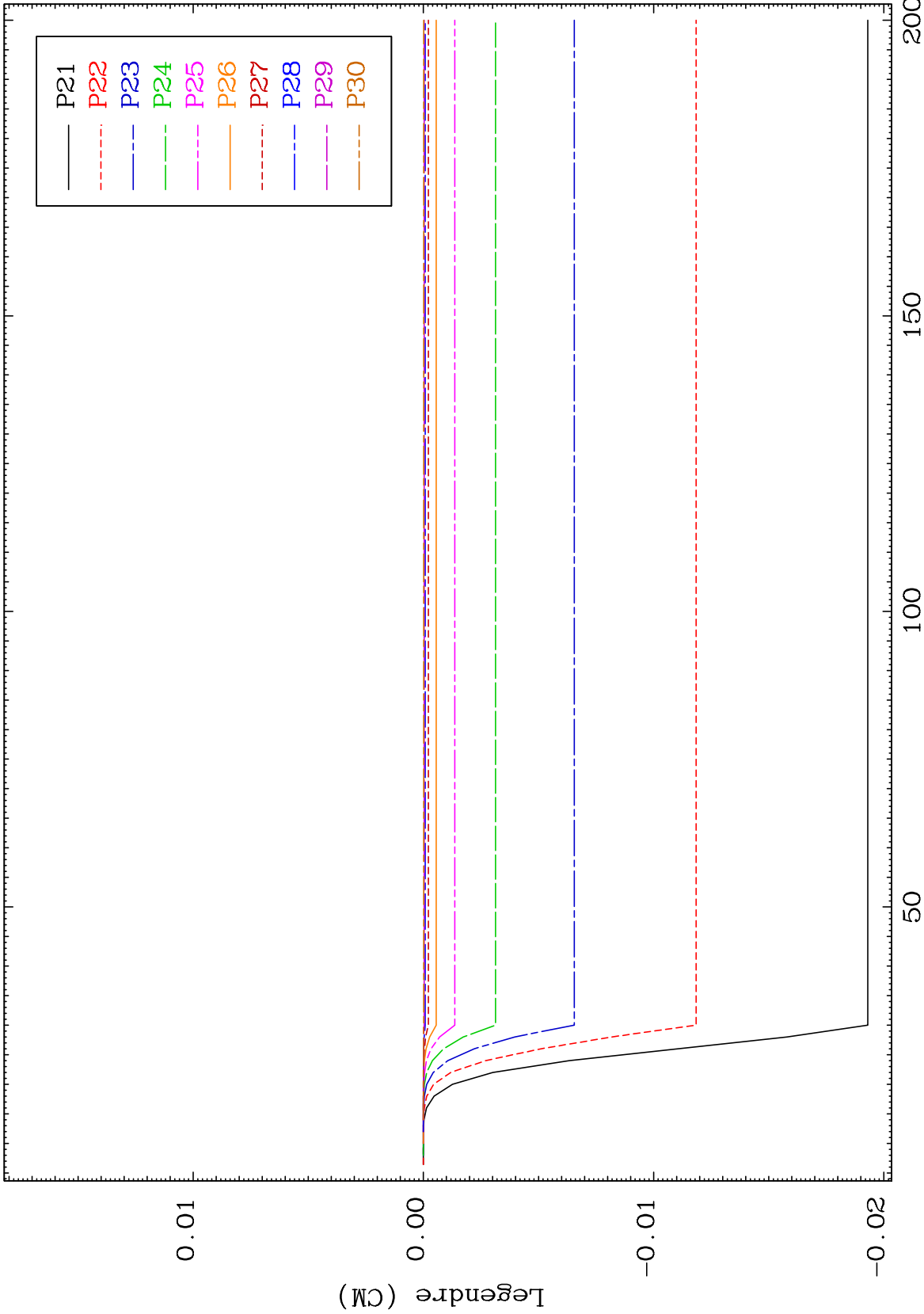
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



108

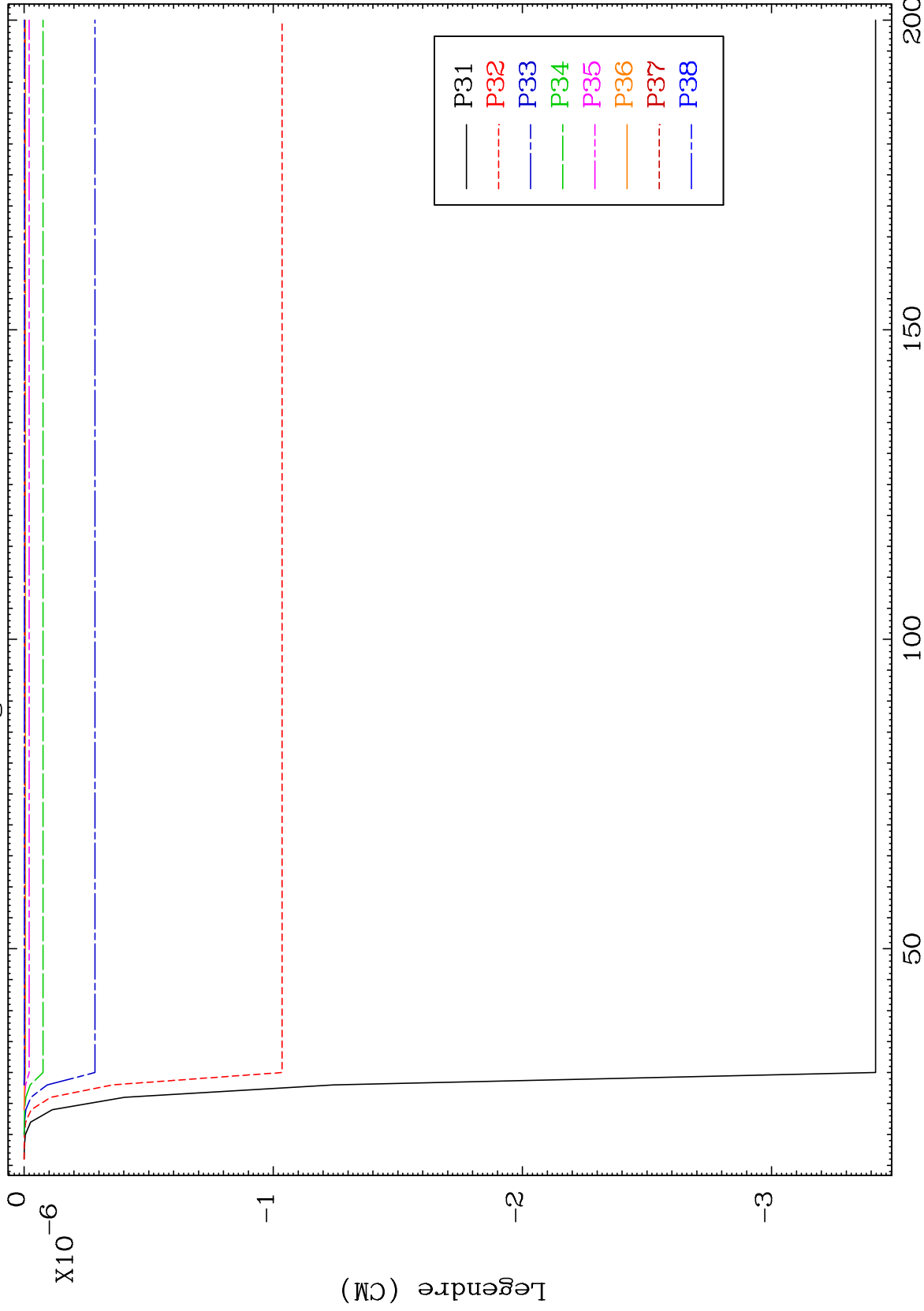
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



109

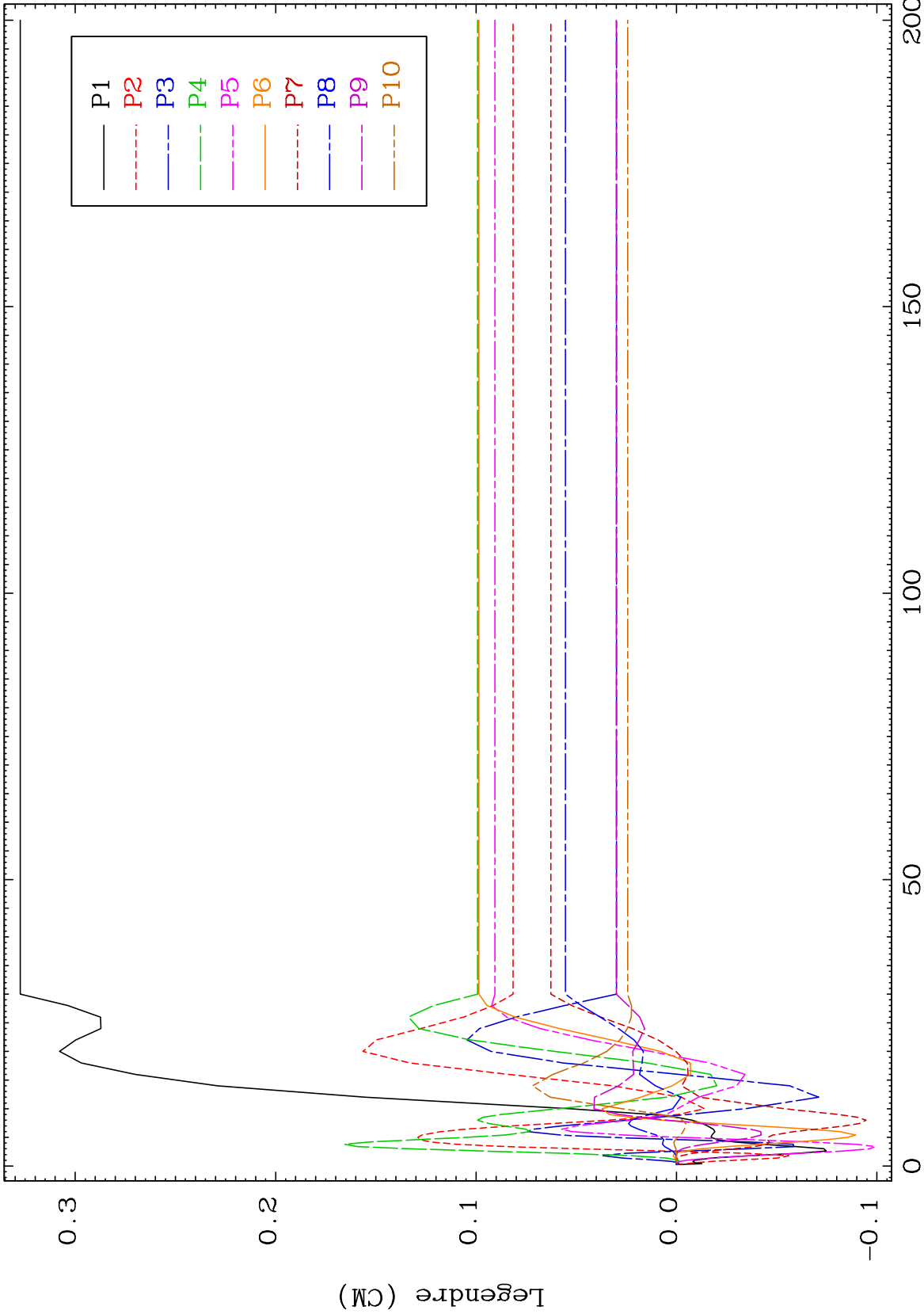
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

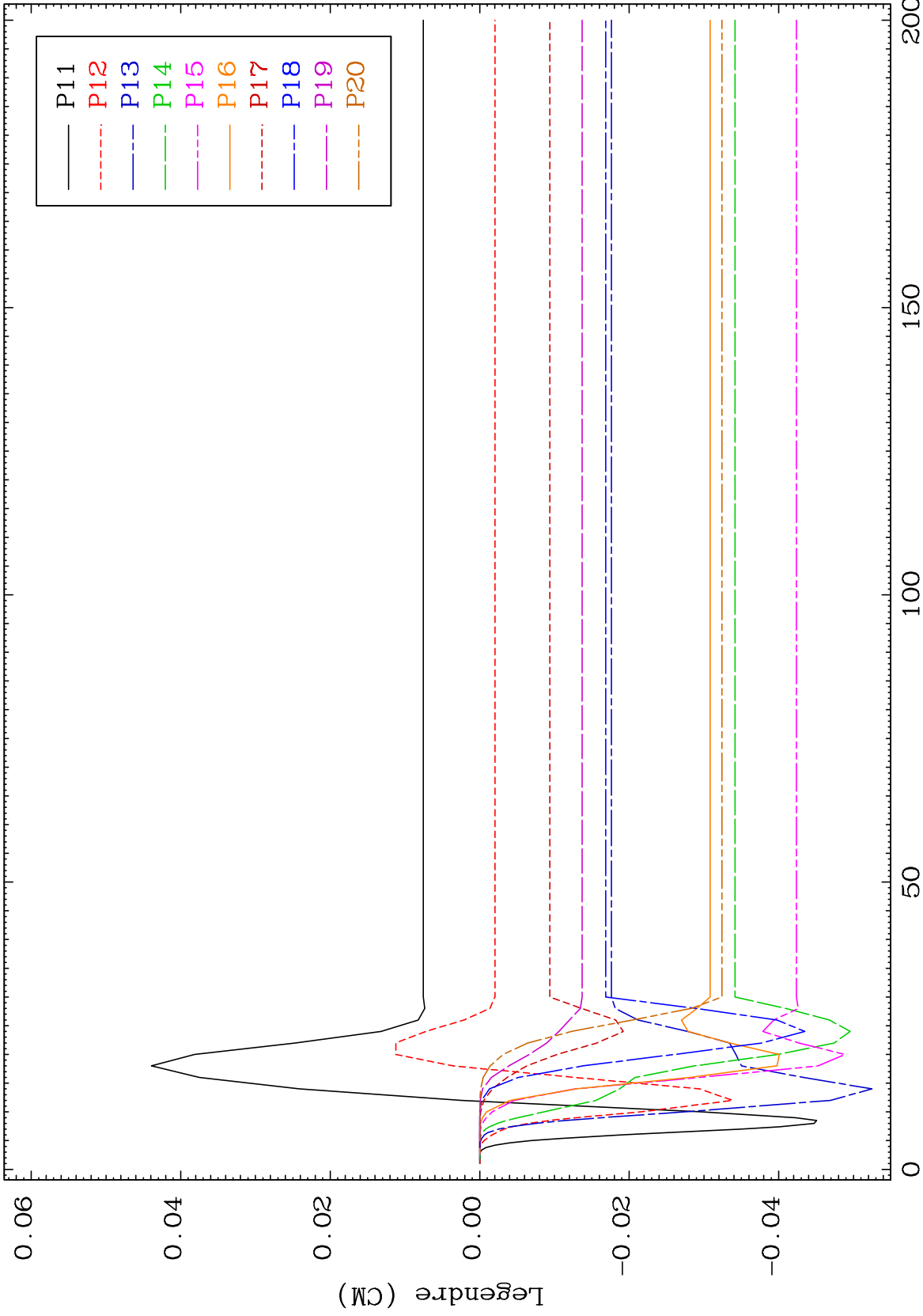
Incident Energy (MeV)

Legendre (CM)

MAT 7728

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

77-Ir-192



111

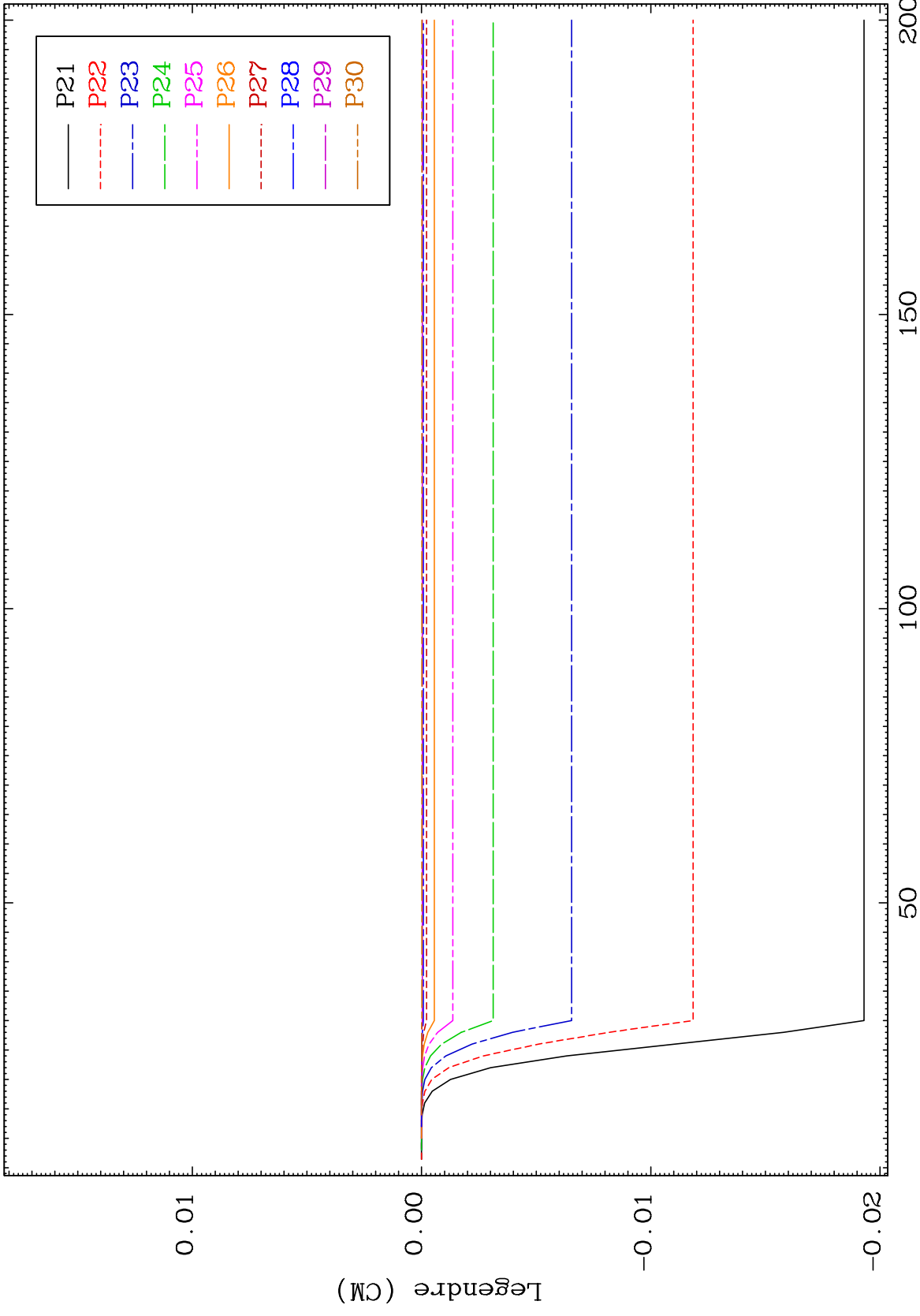
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



112

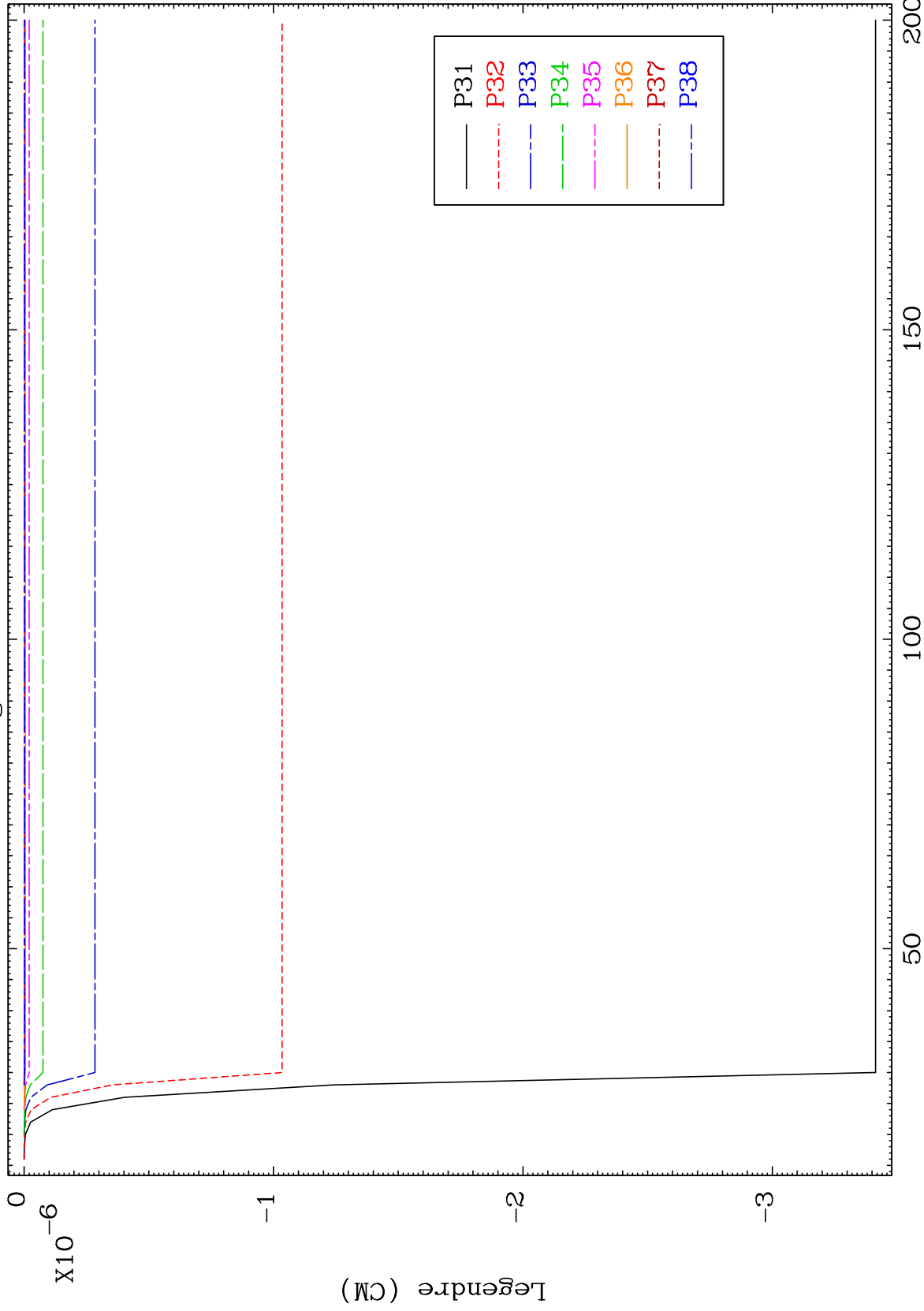
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



113

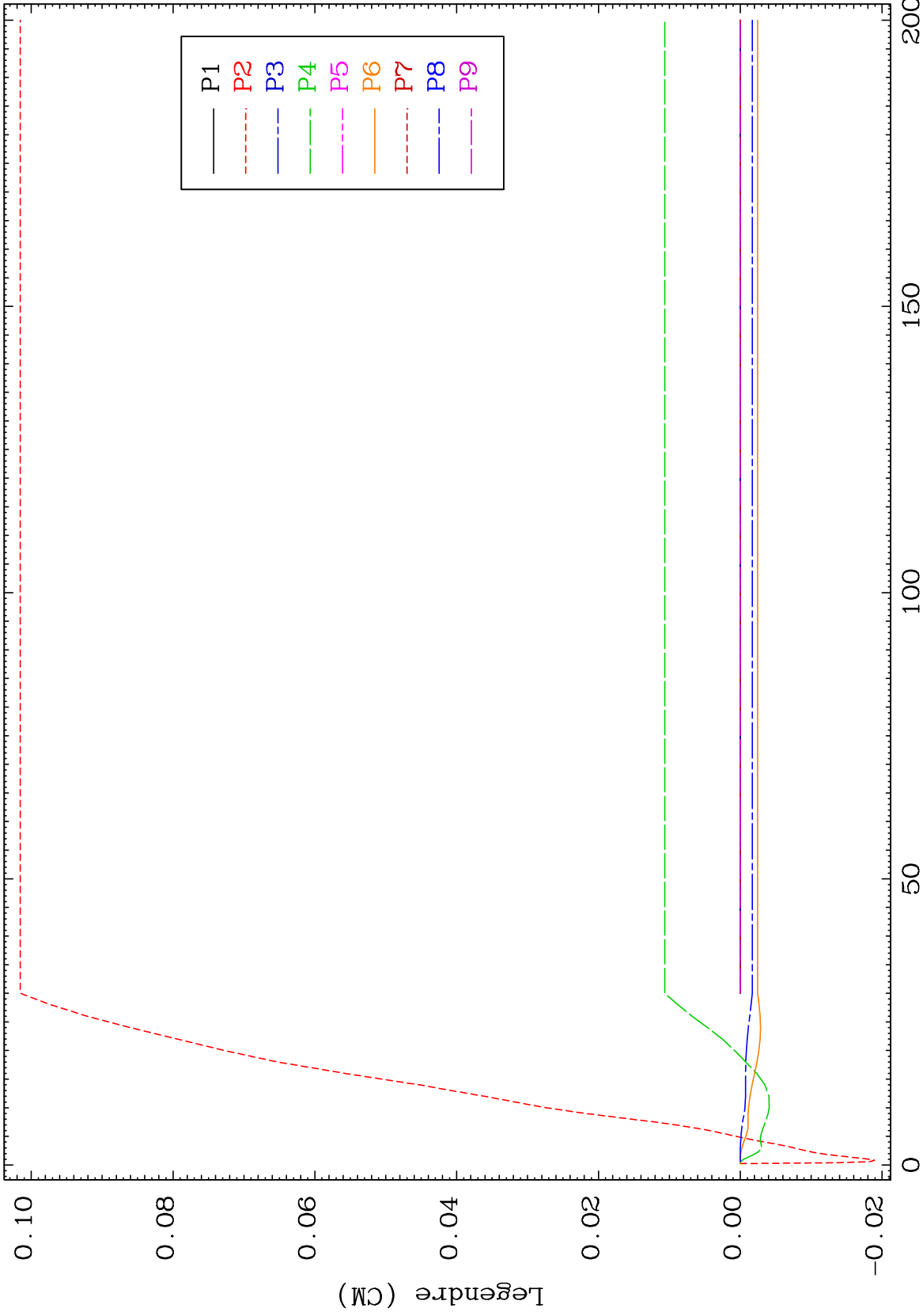
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



114

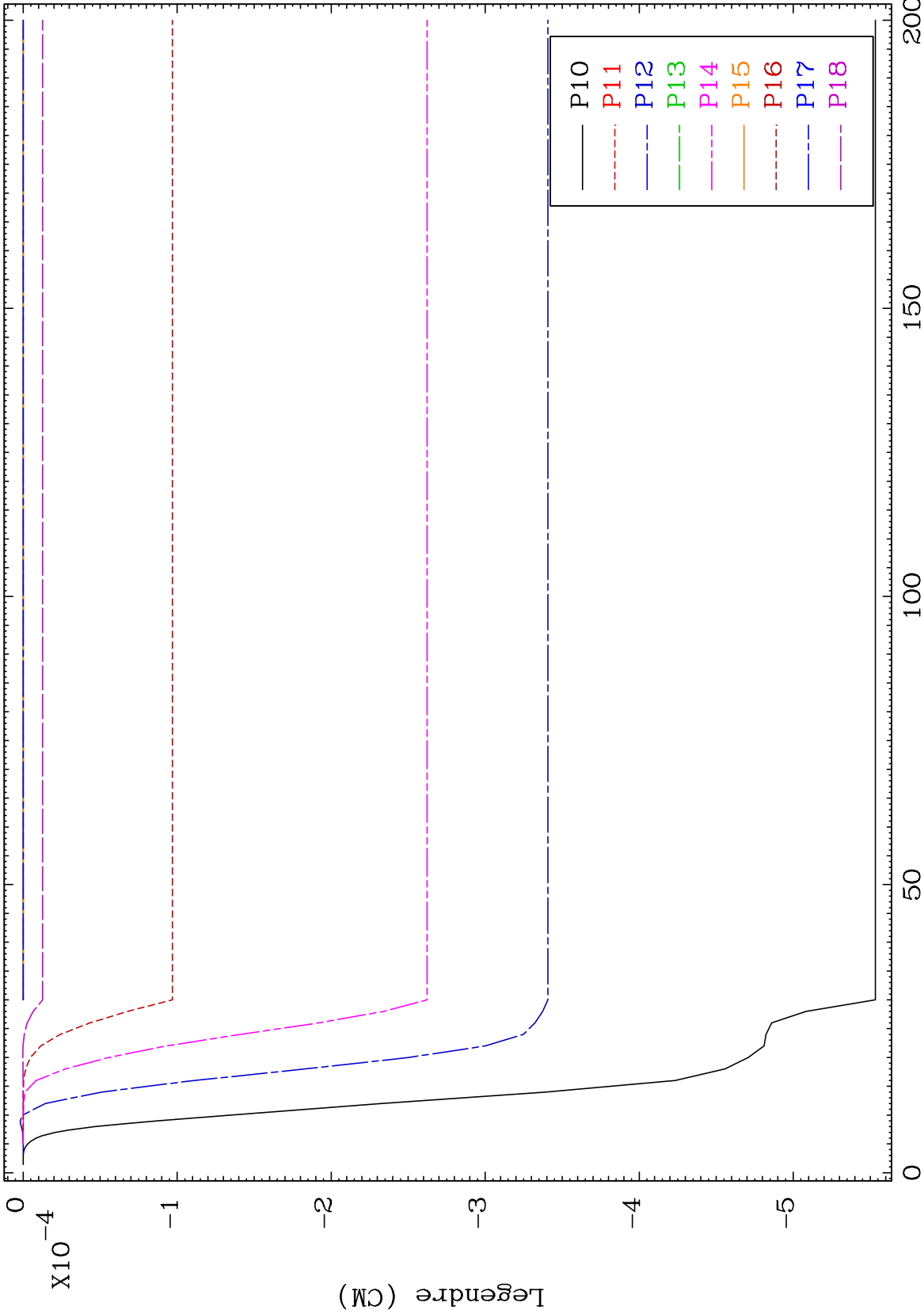
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



115

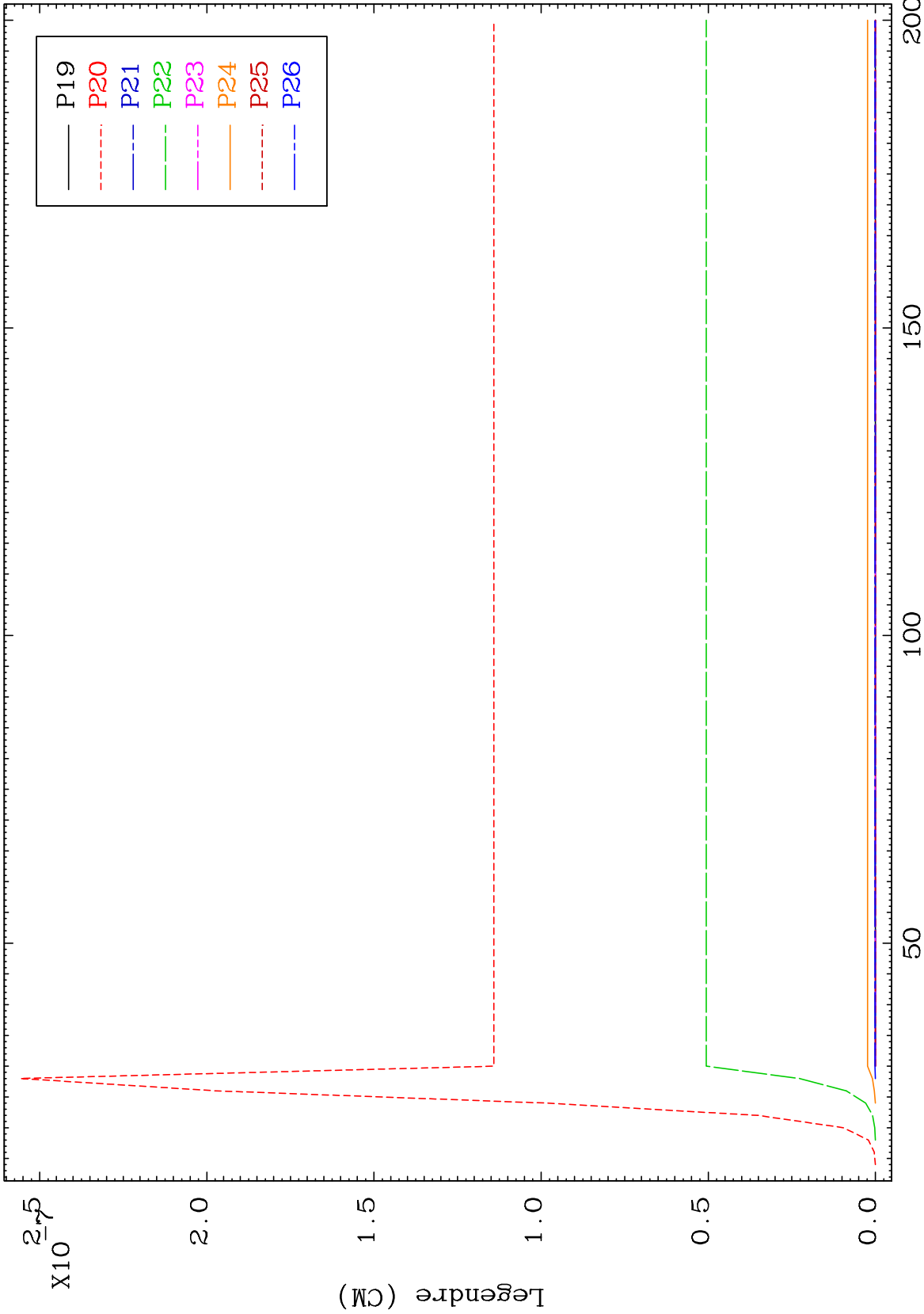
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192

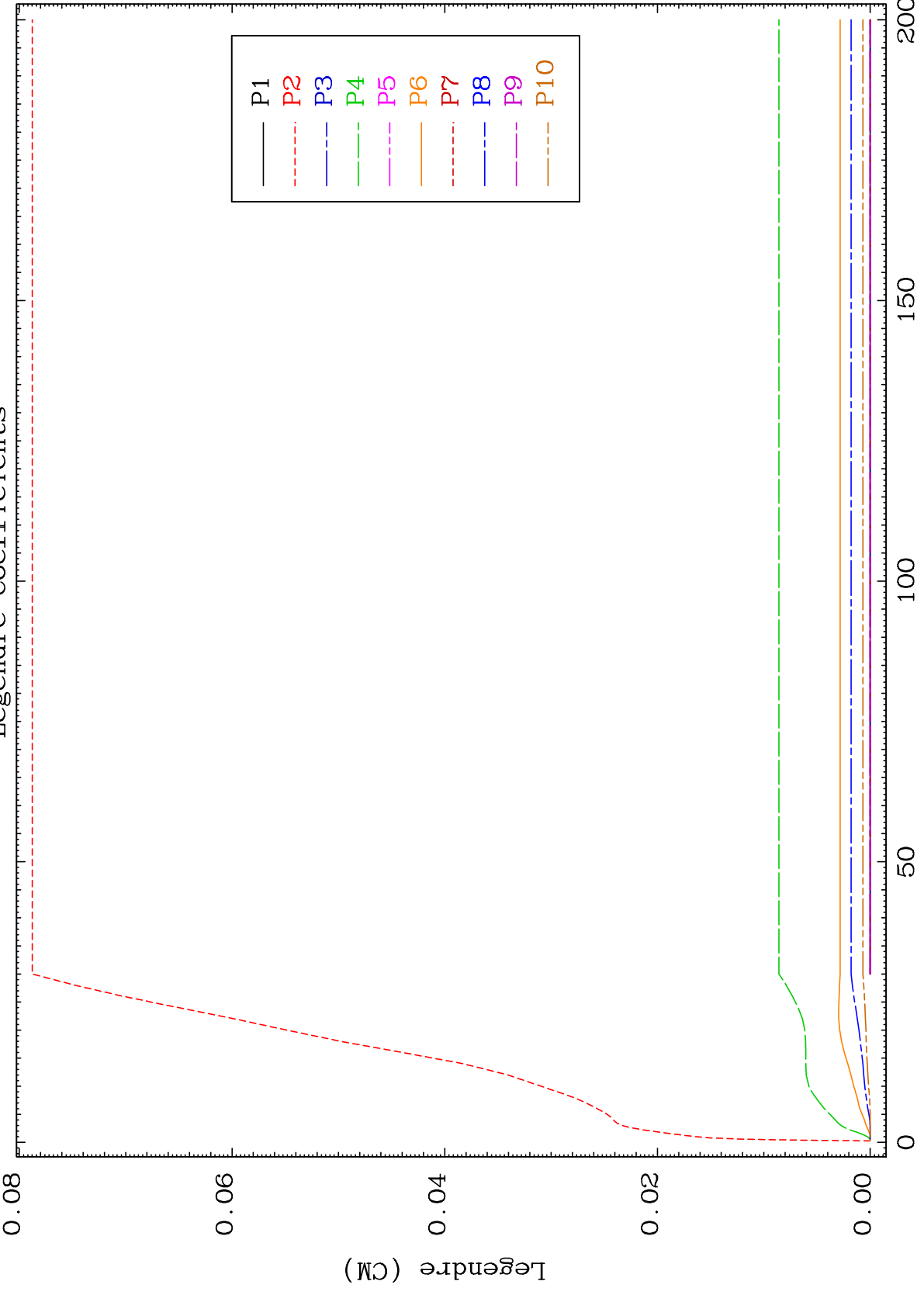


116

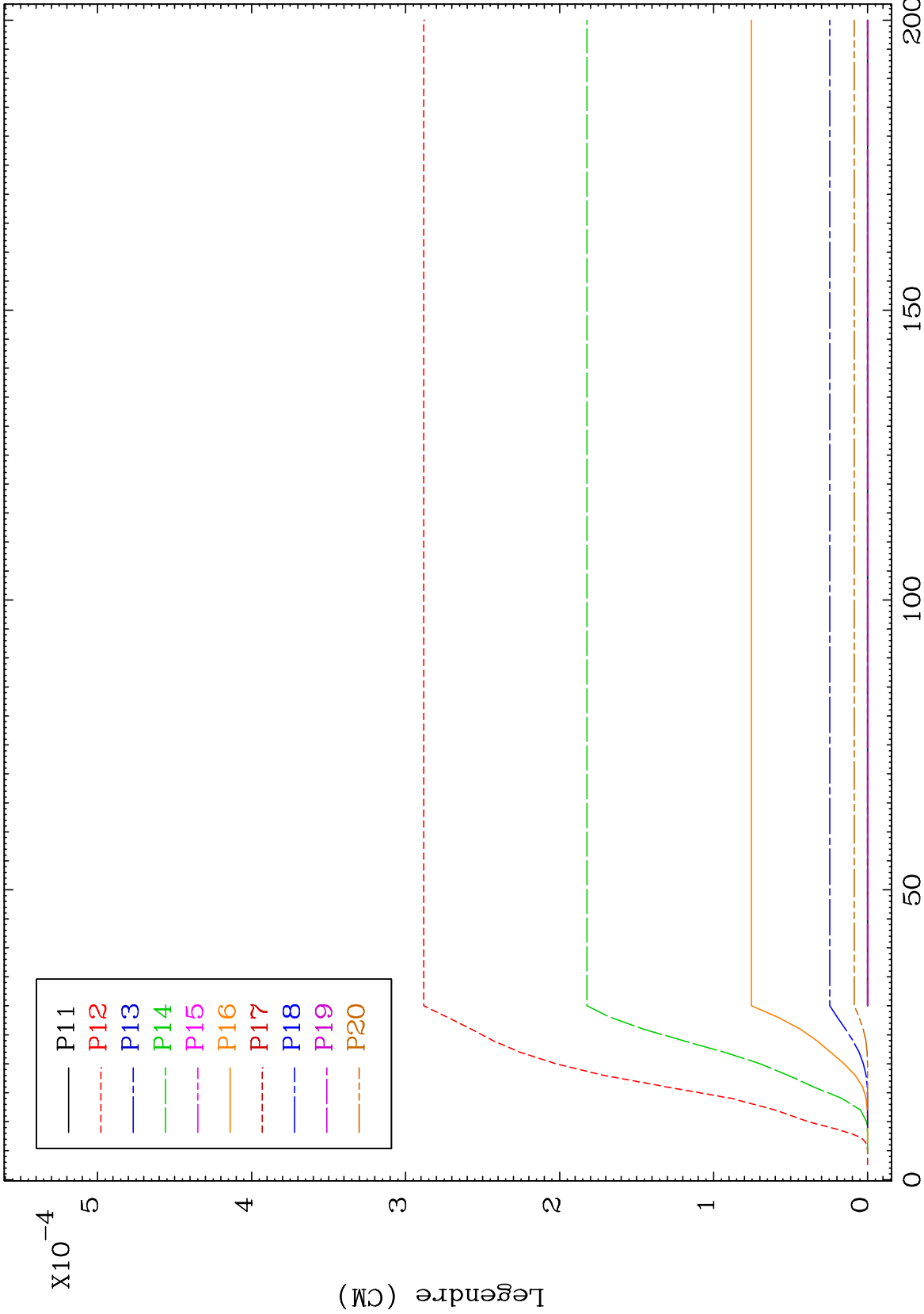
Incident Energy (MeV)

77-Ir-192

MAT 7728 MT= 79 (n,n') Level Legendre Coefficients 77-Ir-192



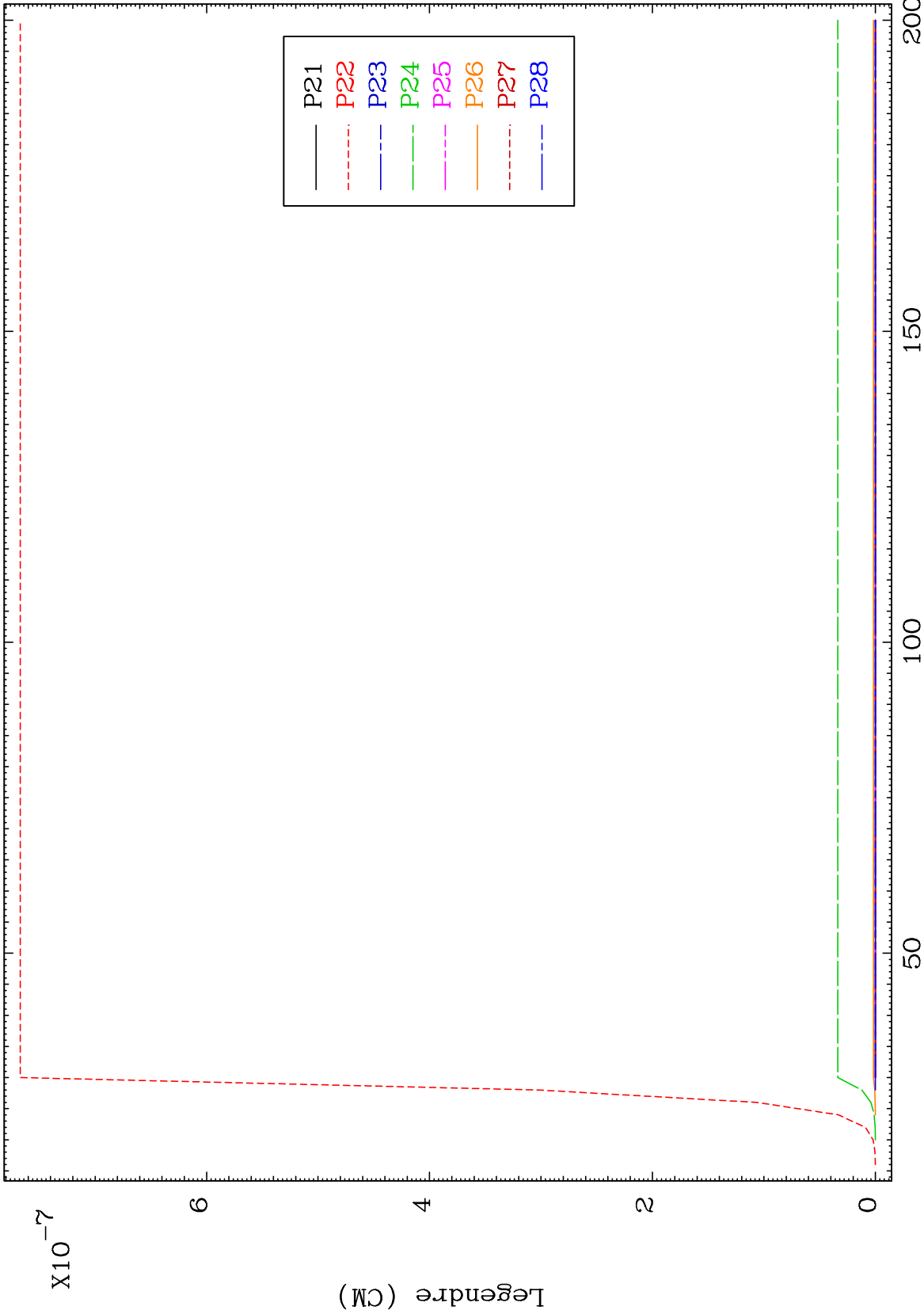
117 77-Ir-192



MAT 7728

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

77-Ir-192



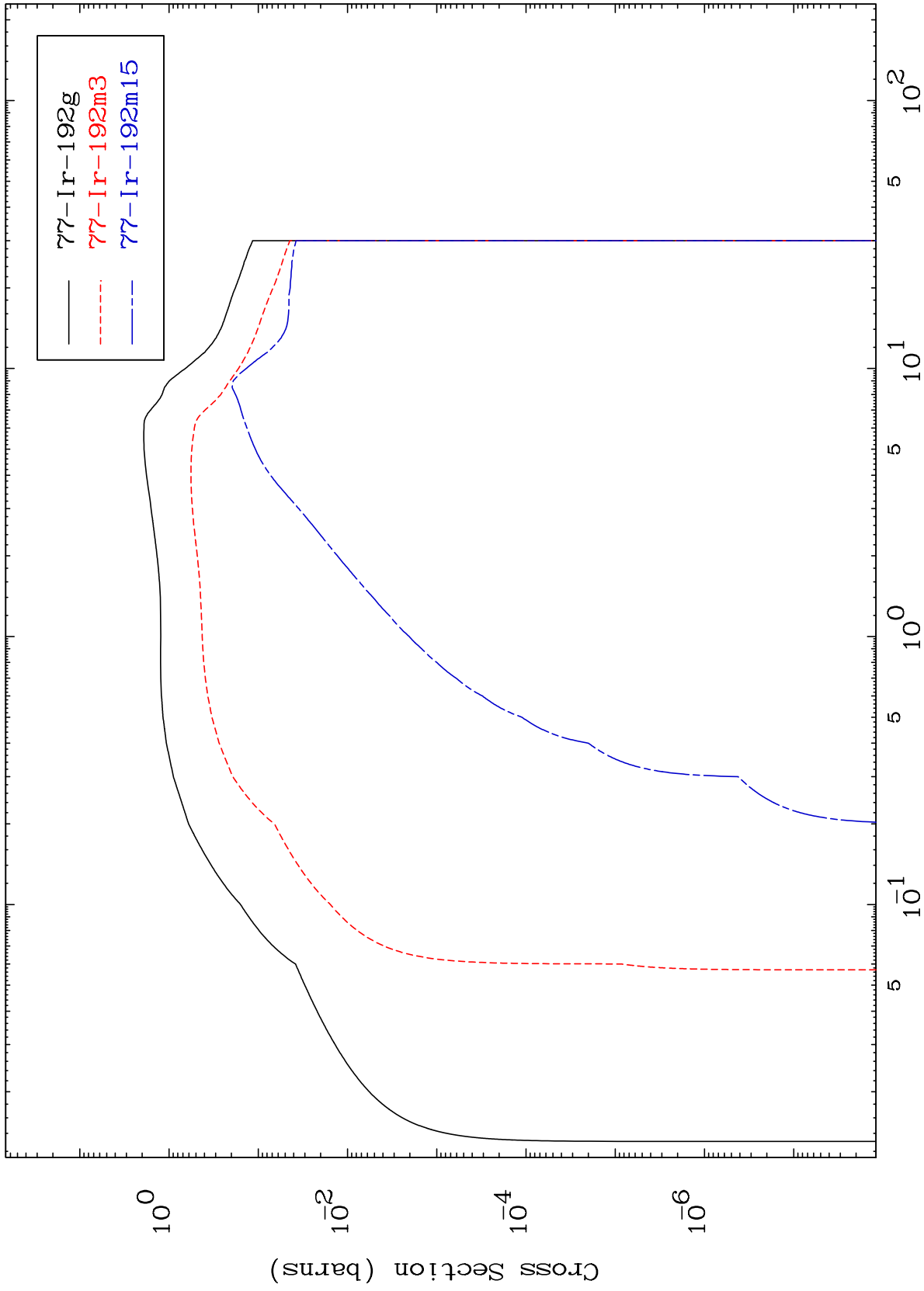
119

77-Ir-192

MAT 7728

Inelastic Radionuclide Production Cross Section

77-Ir-192



77-Ir-192g
77-Ir-192m3
77-Ir-192m15

120

Incident Energy (MeV)

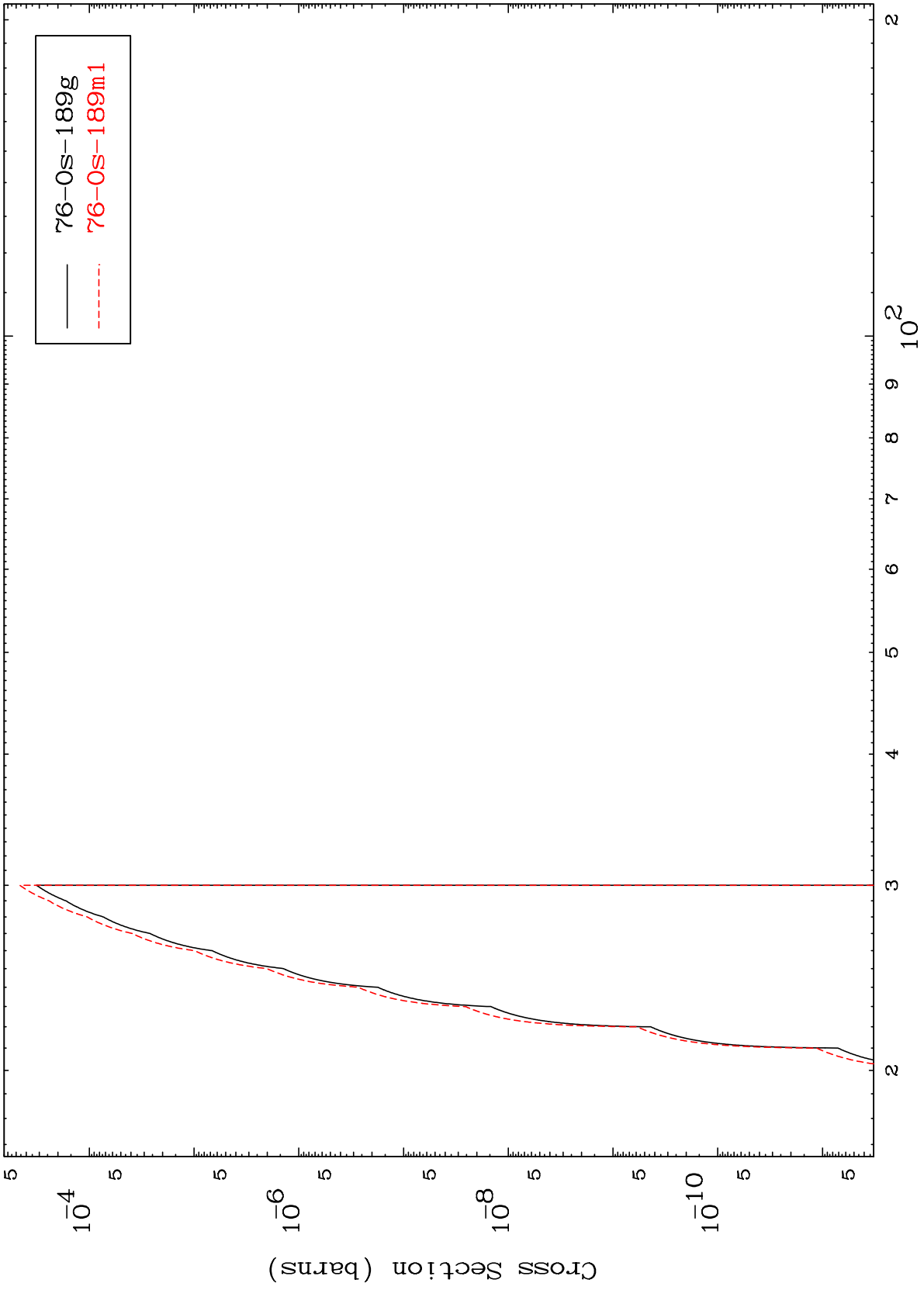
77-Ir-192

MAT 7728

(n,2n) d

77-Ir-192

Radionuclide Production Cross Section



121

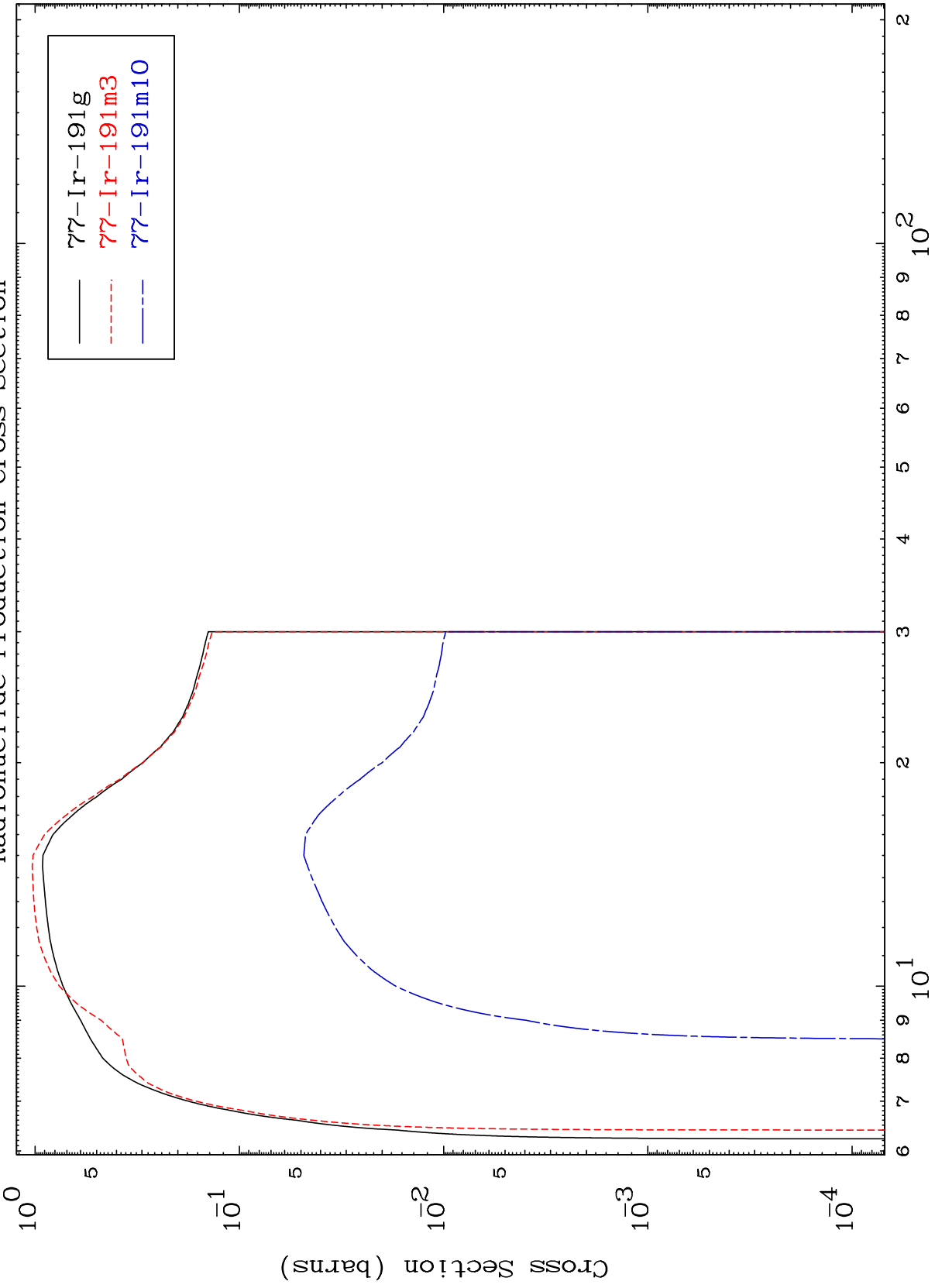
Incident Energy (MeV)

77-Ir-192

MAT 7728

77-Ir-192

(n,2n)
Radionuclide Production Cross Section



122

Incident Energy (MeV)

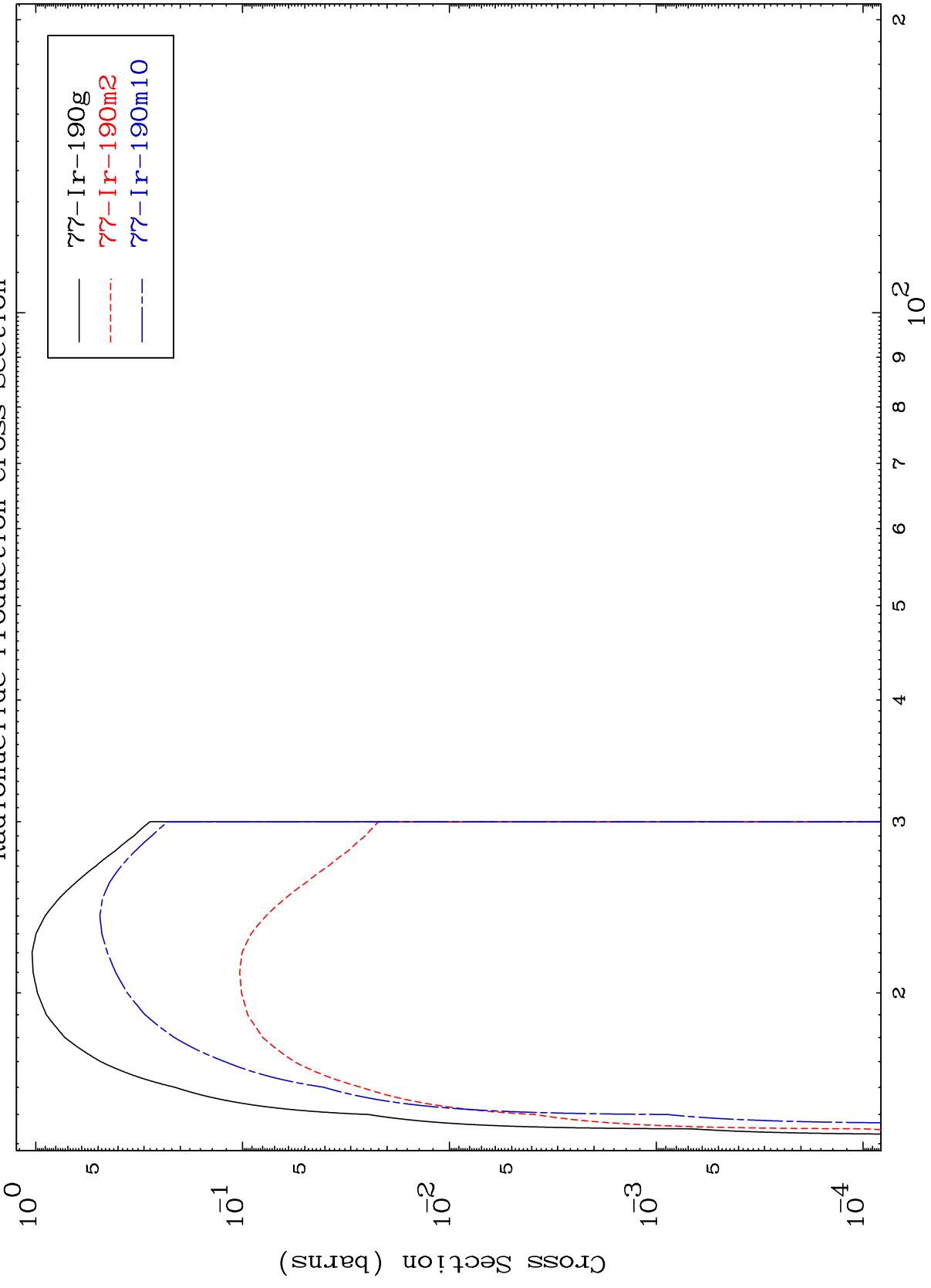
77-Ir-192

MAT 7728

(n,3n)

77-Ir-192

Radionuclide Production Cross Section



123

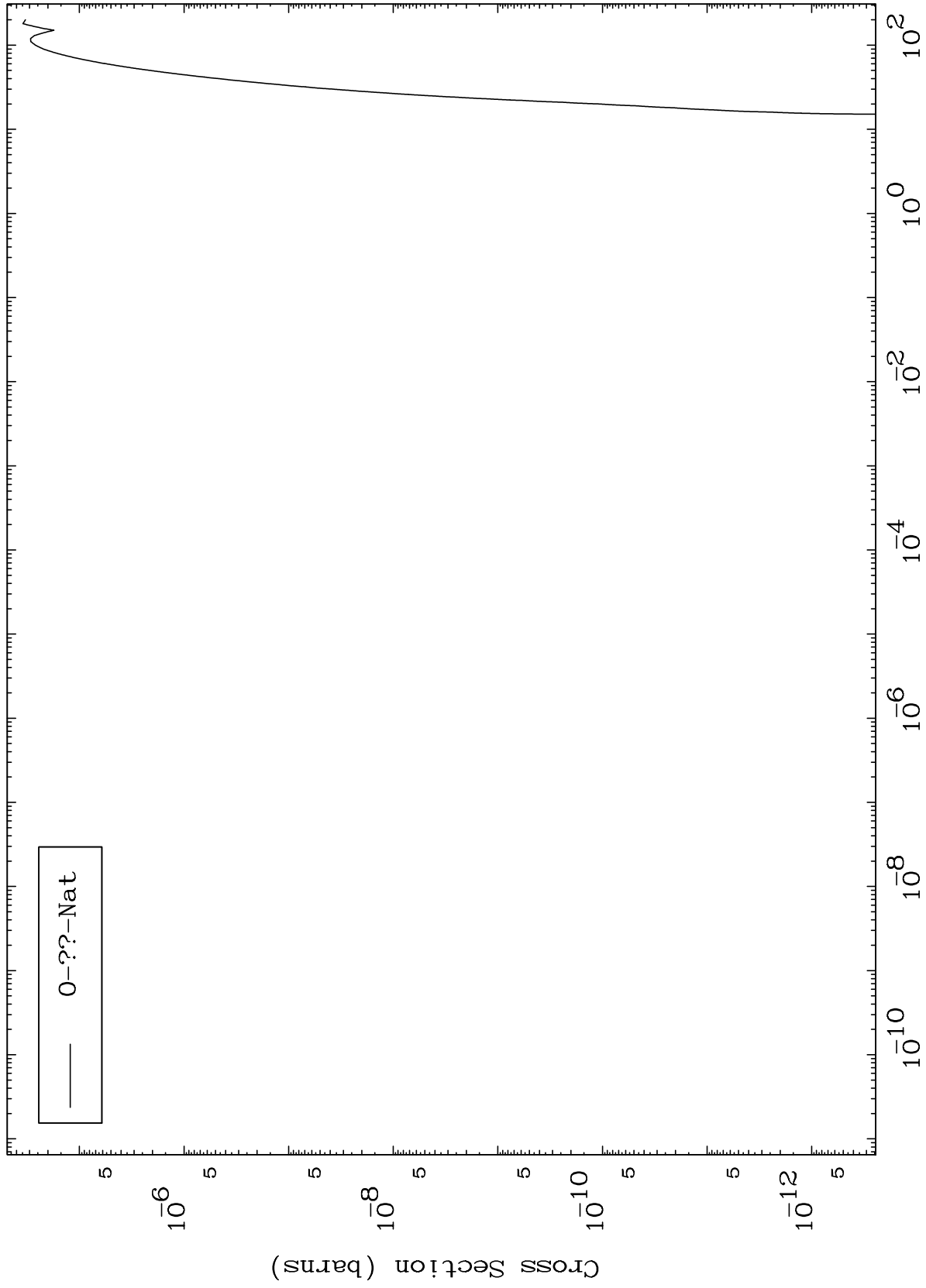
Incident Energy (MeV)

77-Ir-192

MAT 7728

Fission
Radionuclide Production Cross Section

77-Ir-192



124

Incident Energy (MeV)

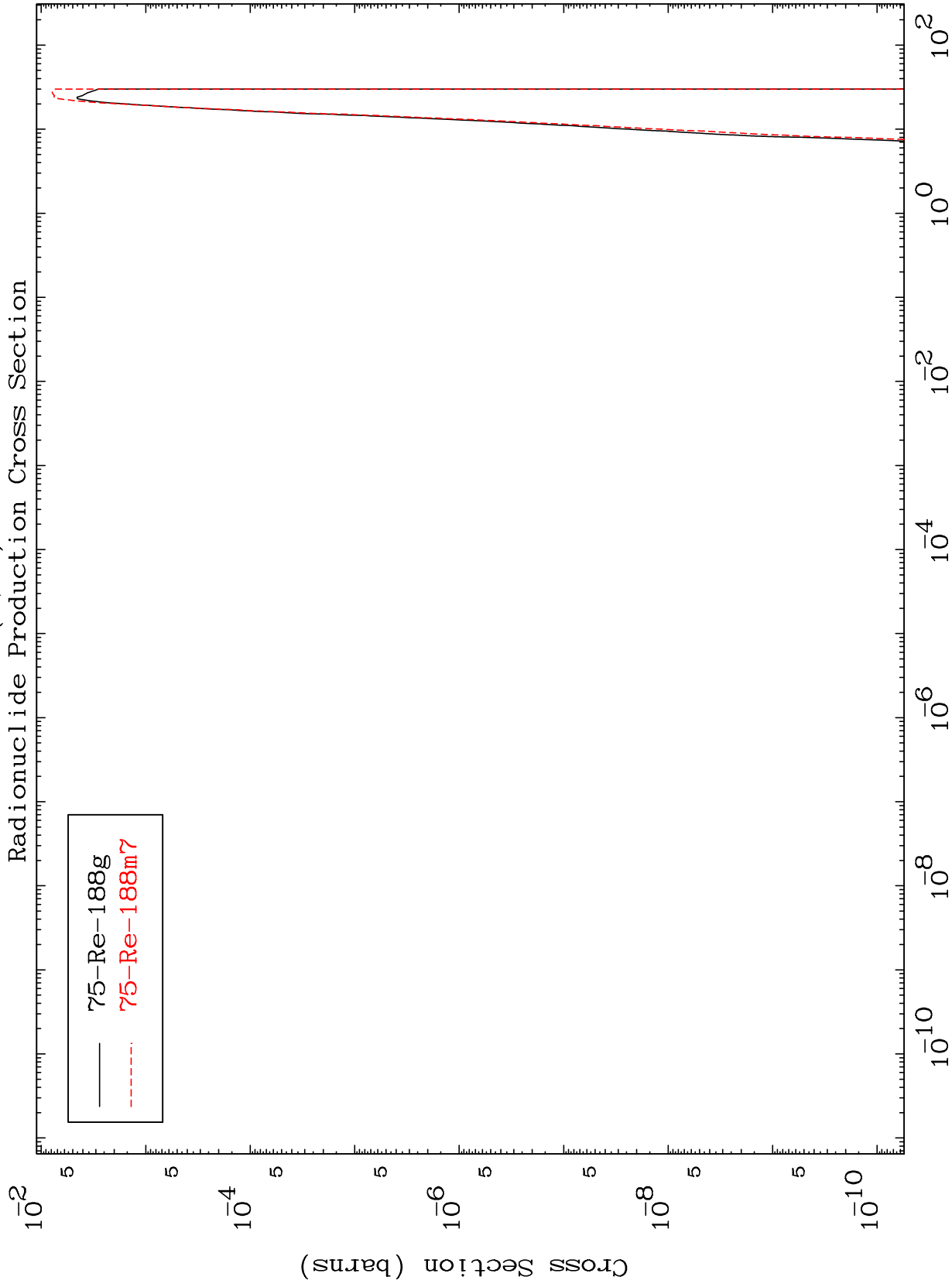
77-Ir-192

MAT 7728

(n,n') α

77-Ir-192

Radionuclide Production Cross Section



75-Re-188g
75-Re-188m7

125

Incident Energy (MeV)

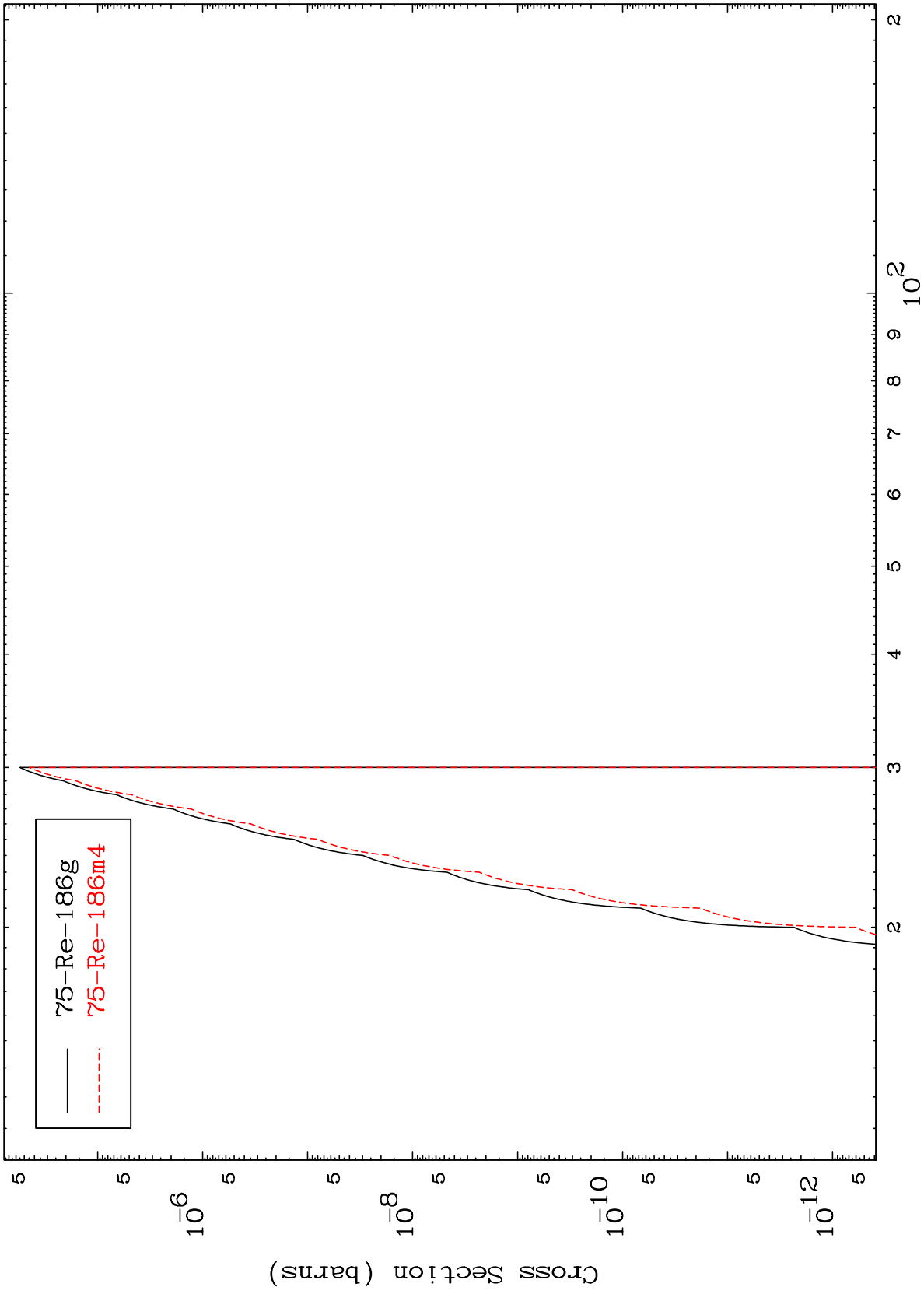
77-Ir-192

MAT 7728

(n,3n) α

77-Ir-192

Radionuclide Production Cross Section



126

Incident Energy (MeV)

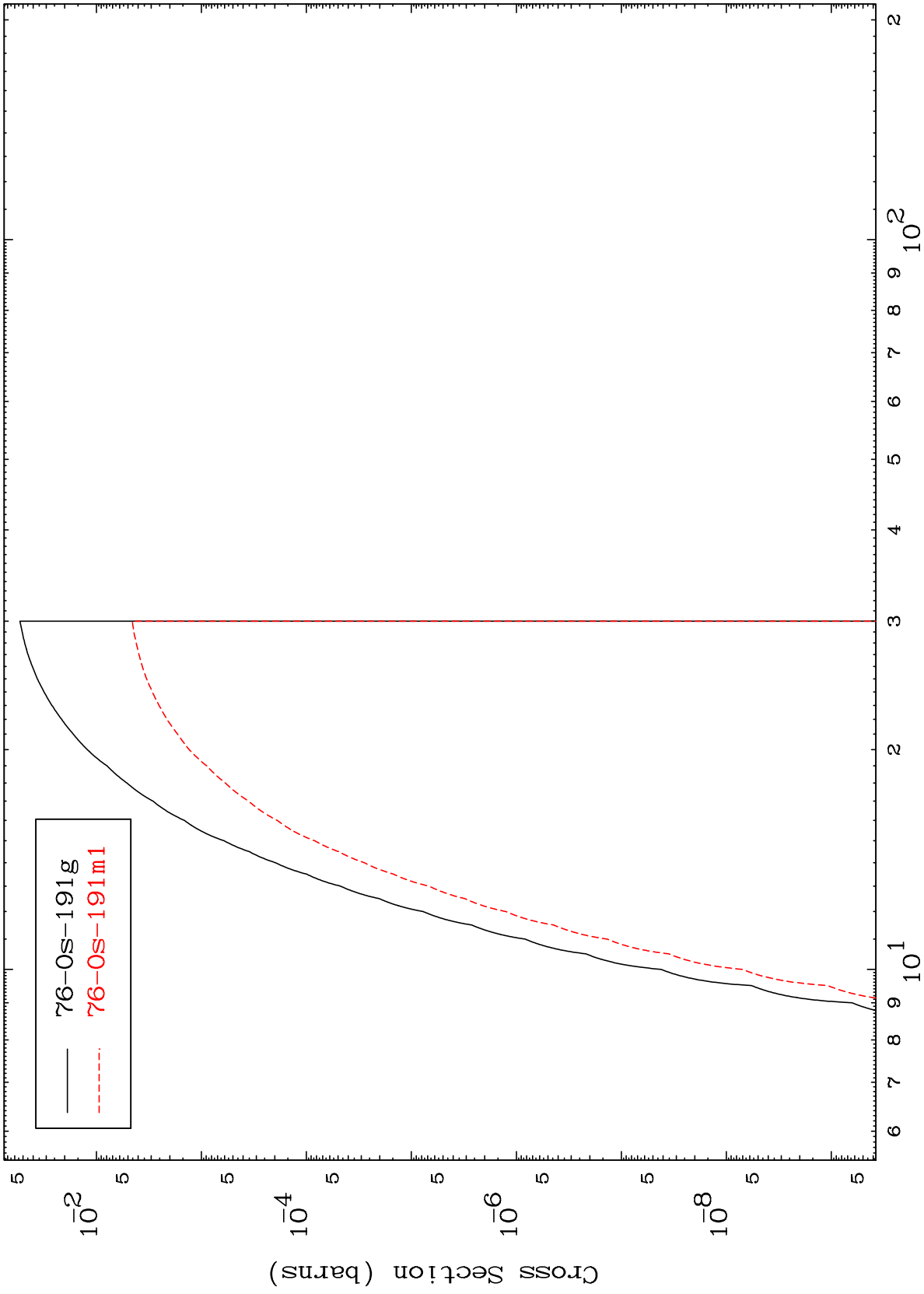
77-Ir-192

MAT 7728

(n,n') p

77-Ir-192

Radionuclide Production Cross Section



127

Incident Energy (MeV)

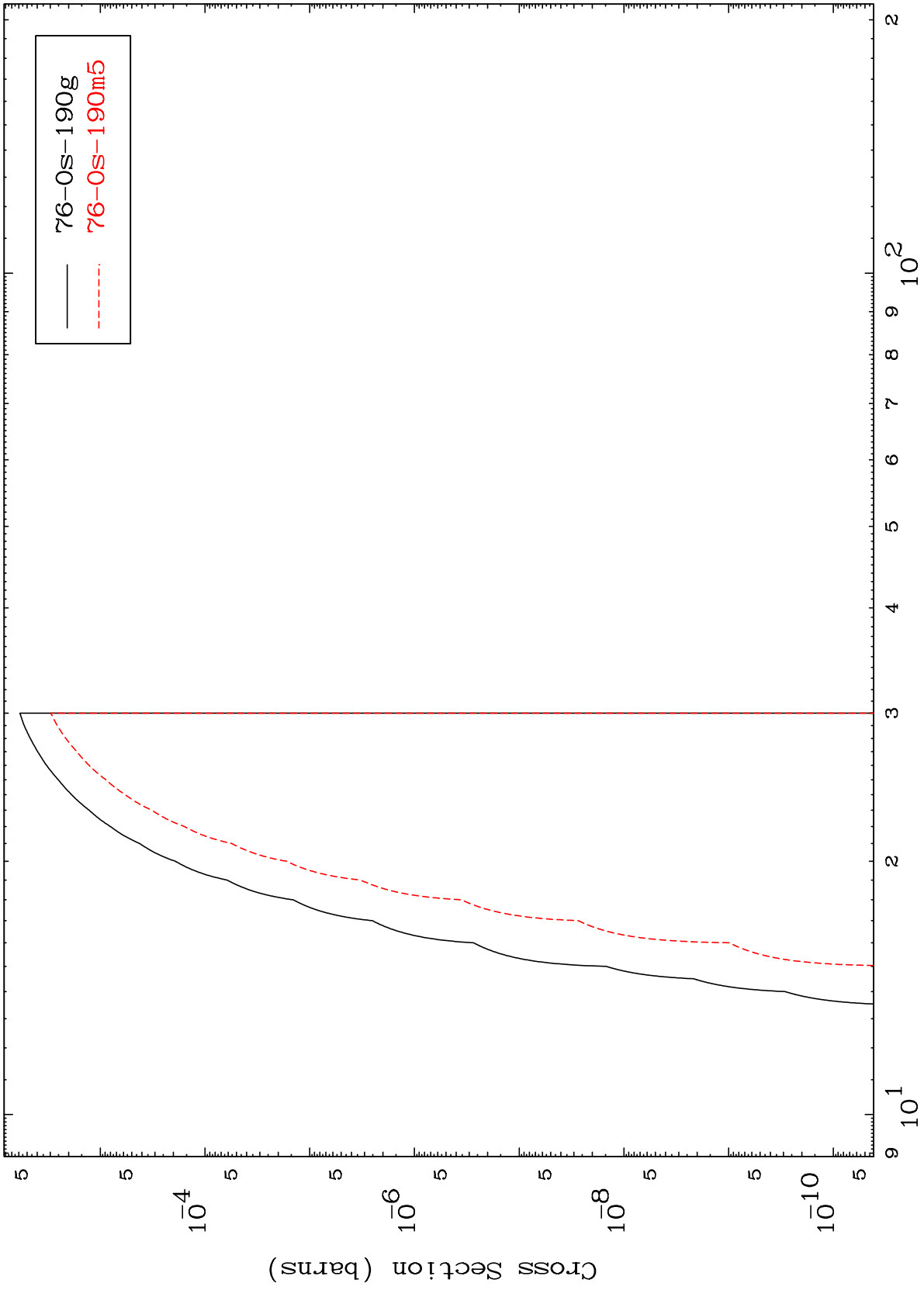
77-Ir-192

MAT 7728

(n,n') d

77-Ir-192

Radionuclide Production Cross Section

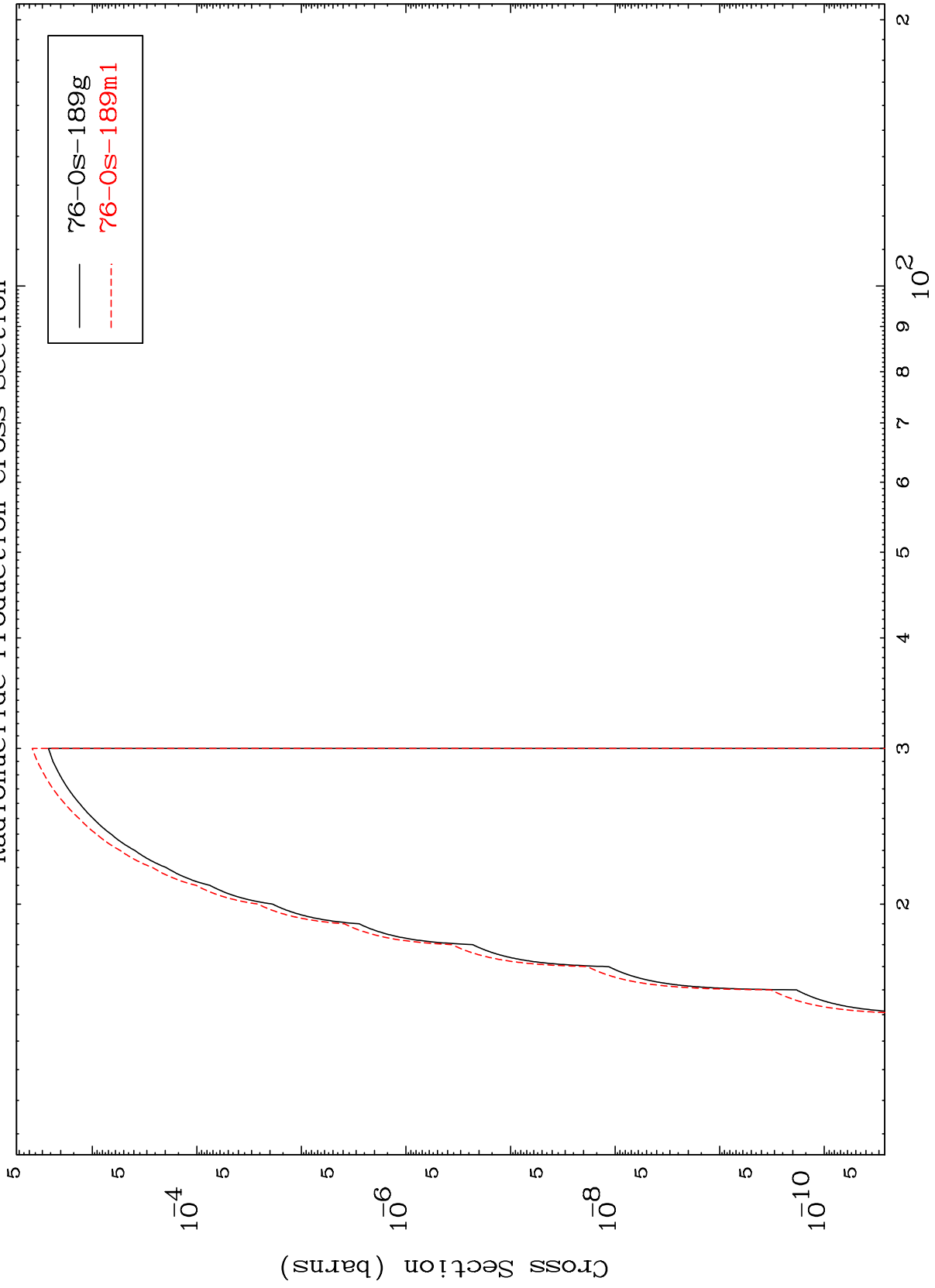


128

Incident Energy (MeV)

77-Ir-192

Radionuclide Production Cross Section

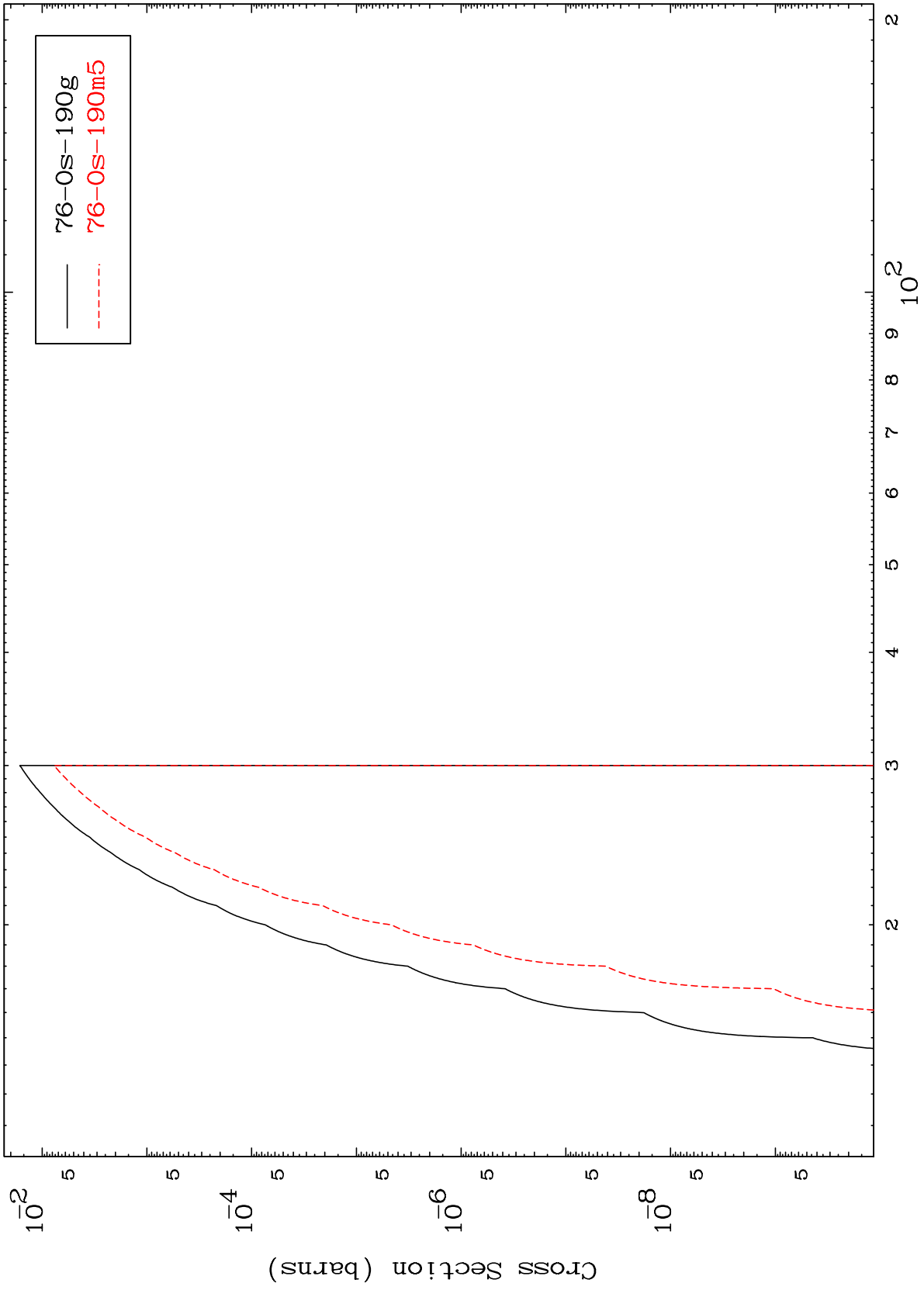


MAT 7728

(n,2n) p

77-Ir-192

Radionuclide Production Cross Section



130

Incident Energy (MeV)

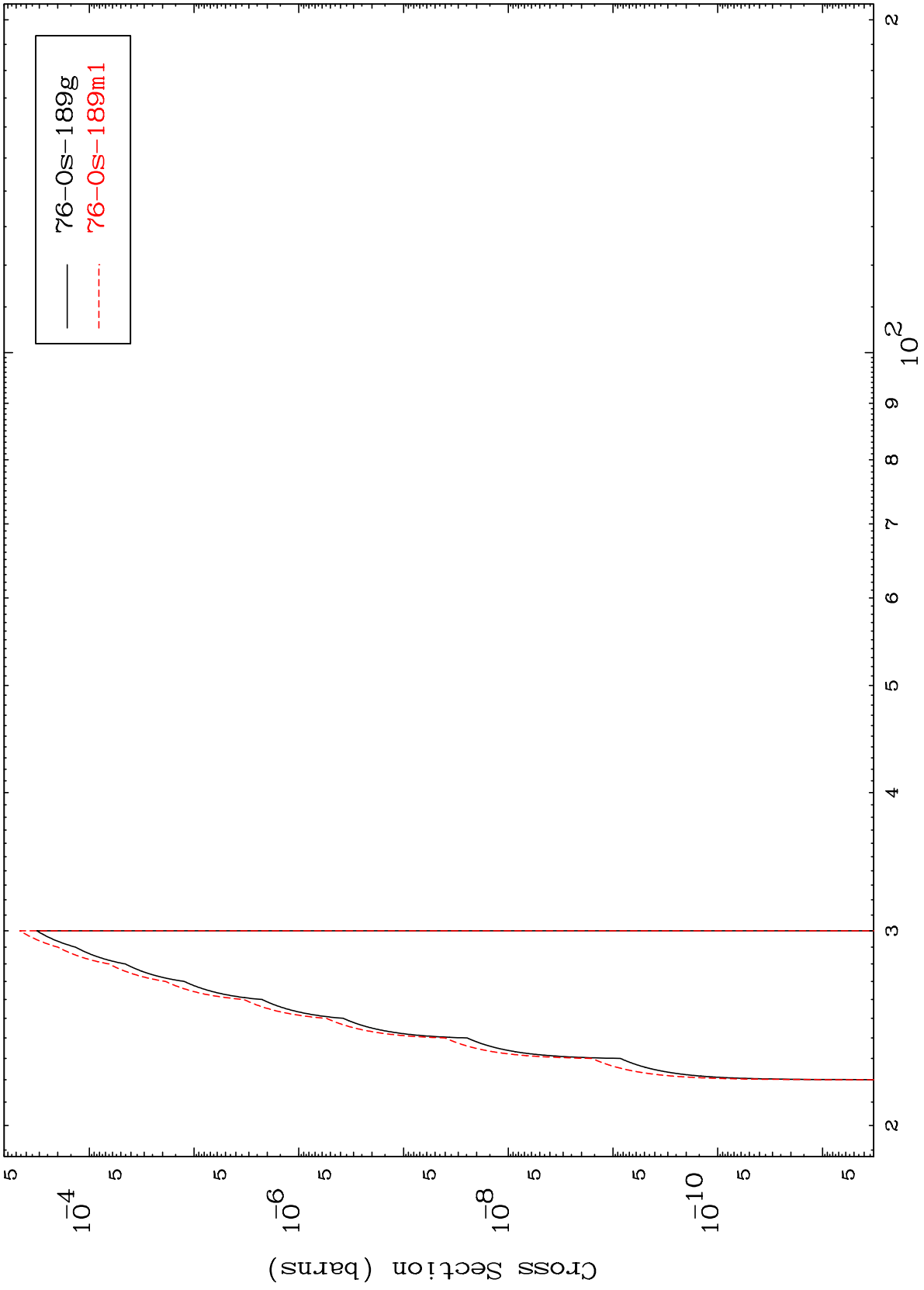
77-Ir-192

MAT 7728

(n,3n) p

77-Ir-192

Radionuclide Production Cross Section



131

Incident Energy (MeV)

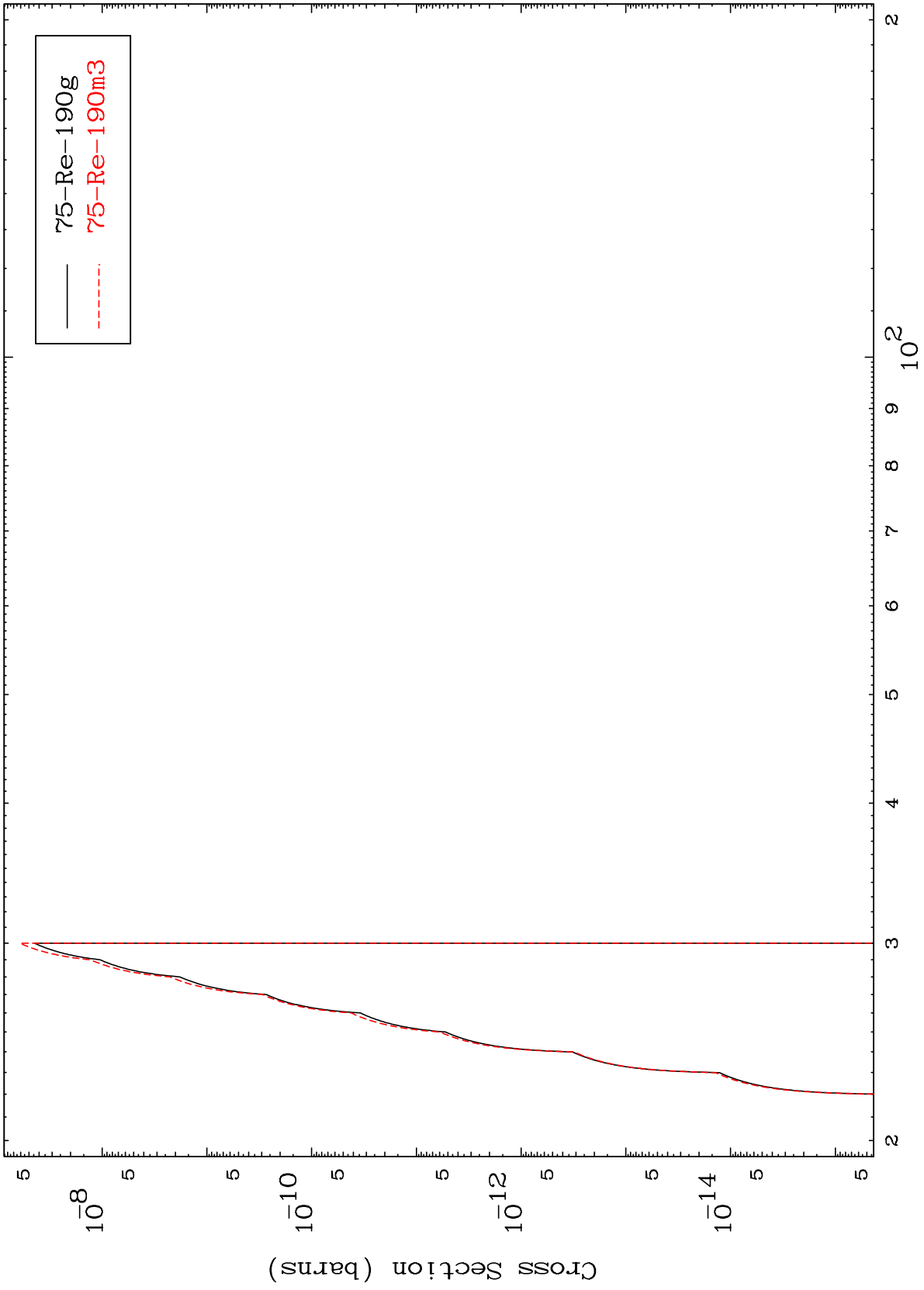
77-Ir-192

MAT 7728

(n,2n) p

77-Ir-192

Radionuclide Production Cross Section



132

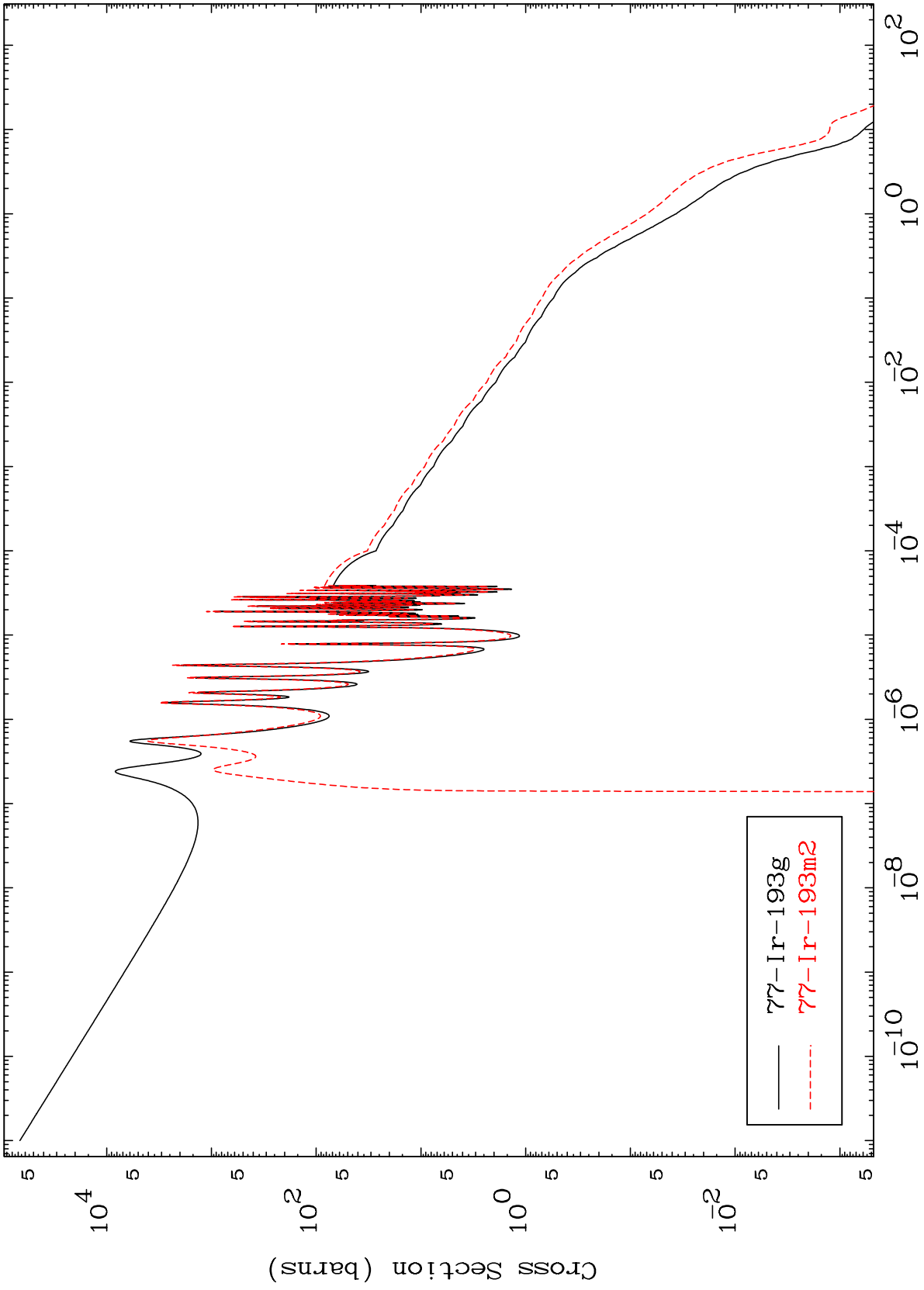
Incident Energy (MeV)

77-Ir-192

MAT 7728

⁷⁷Ir-192

(n,γ)
Radionuclide Production Cross Section



⁷⁷Ir-192

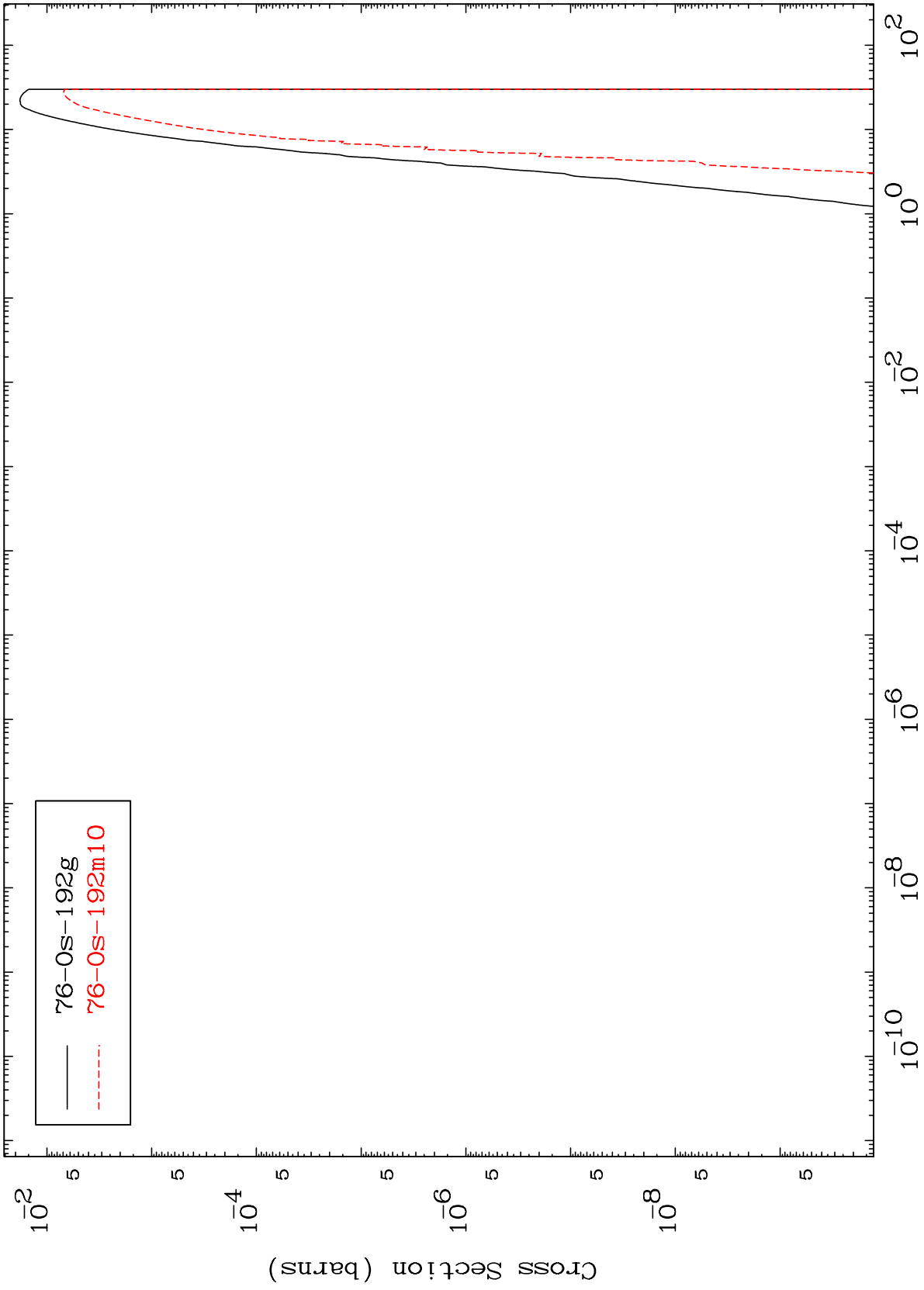
Incident Energy (MeV)

MAT 7728

(n,p)

77-Ir-192

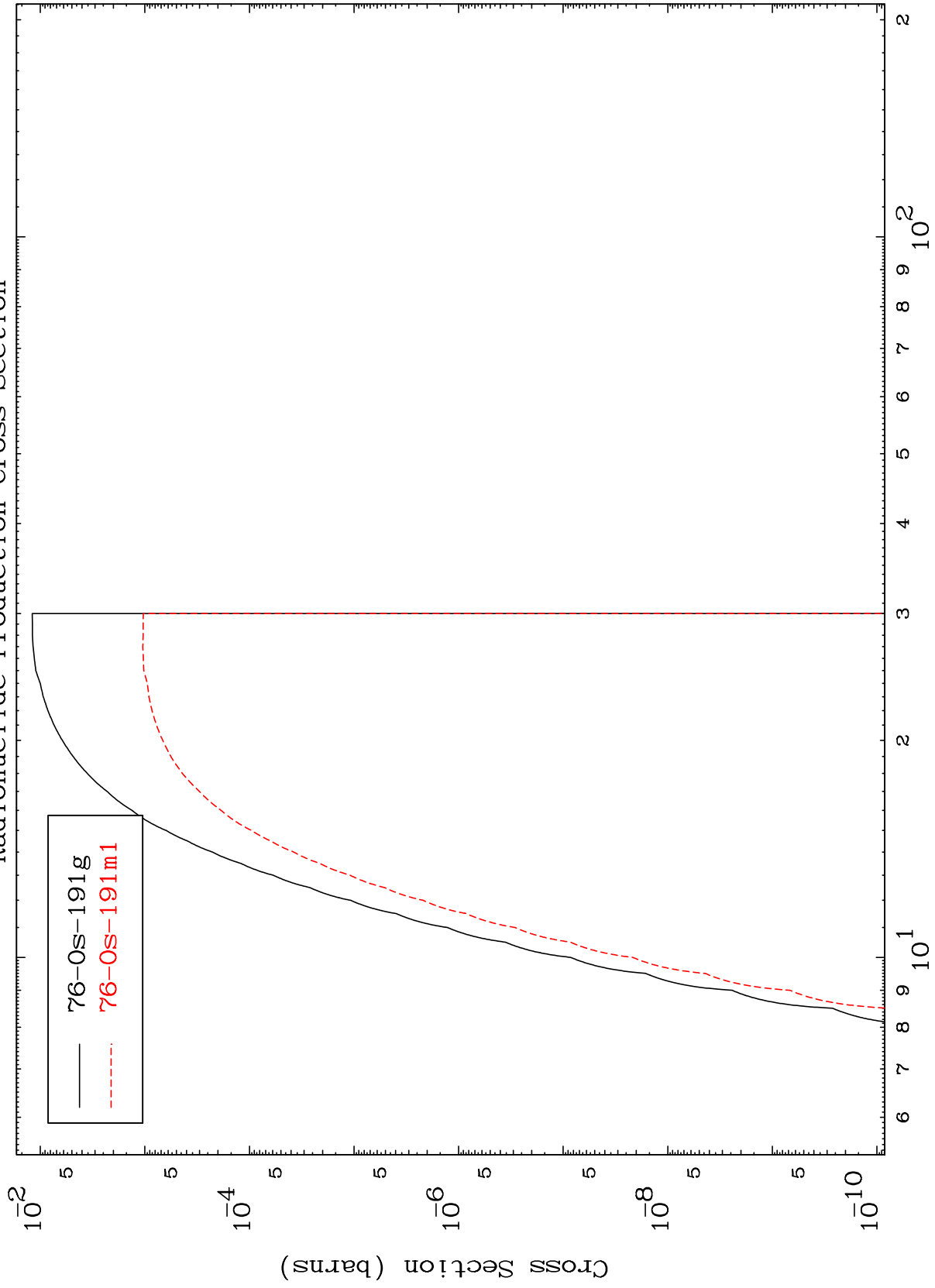
Radionuclide Production Cross Section



MAT 7728

(n,d)
Radionuclide Production Cross Section

⁷⁷Ir-192



135

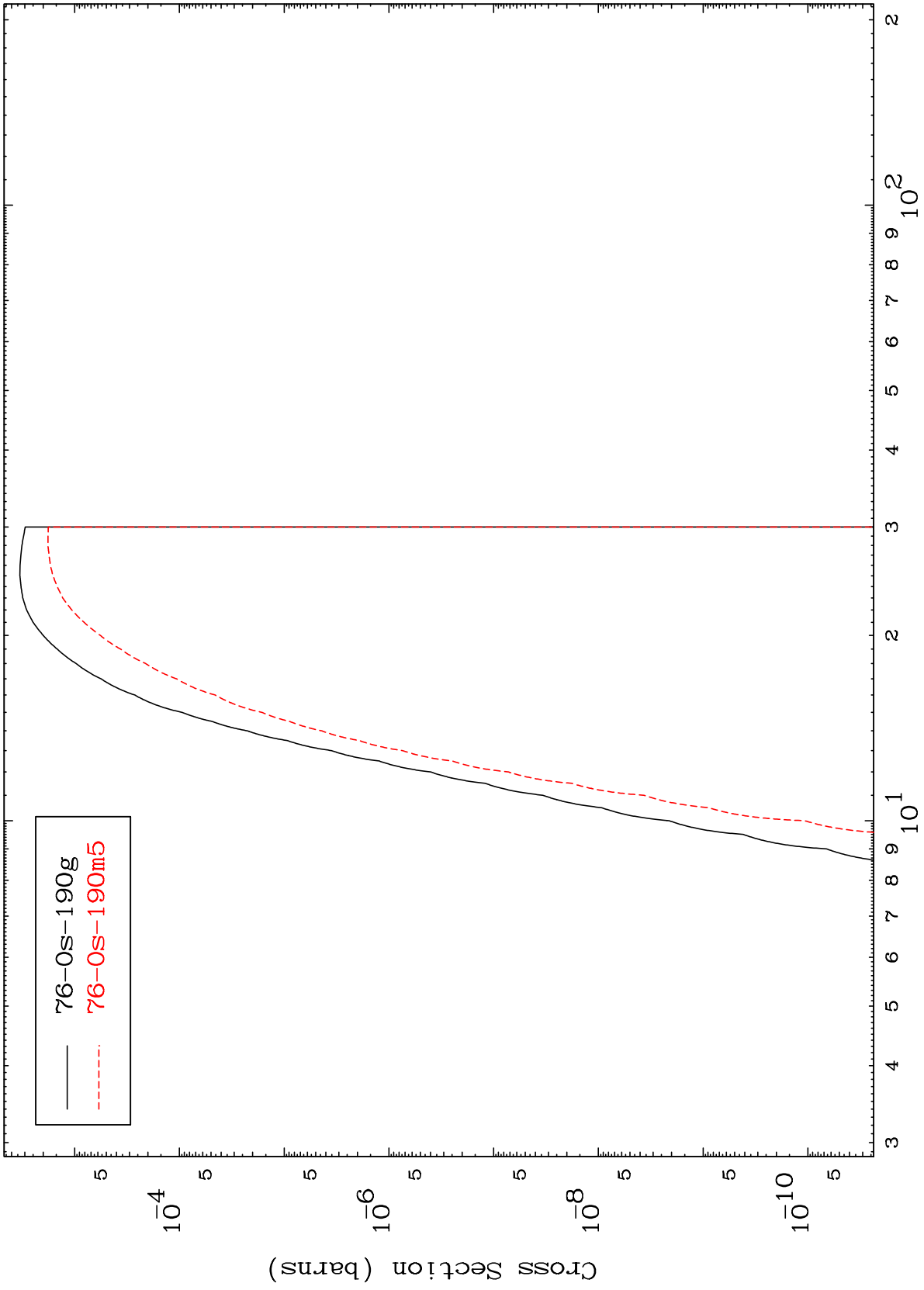
Incident Energy (MeV)

⁷⁷Ir-192

MAT 7728

77-Ir-192

(n, t)
Radionuclide Production Cross Section



136

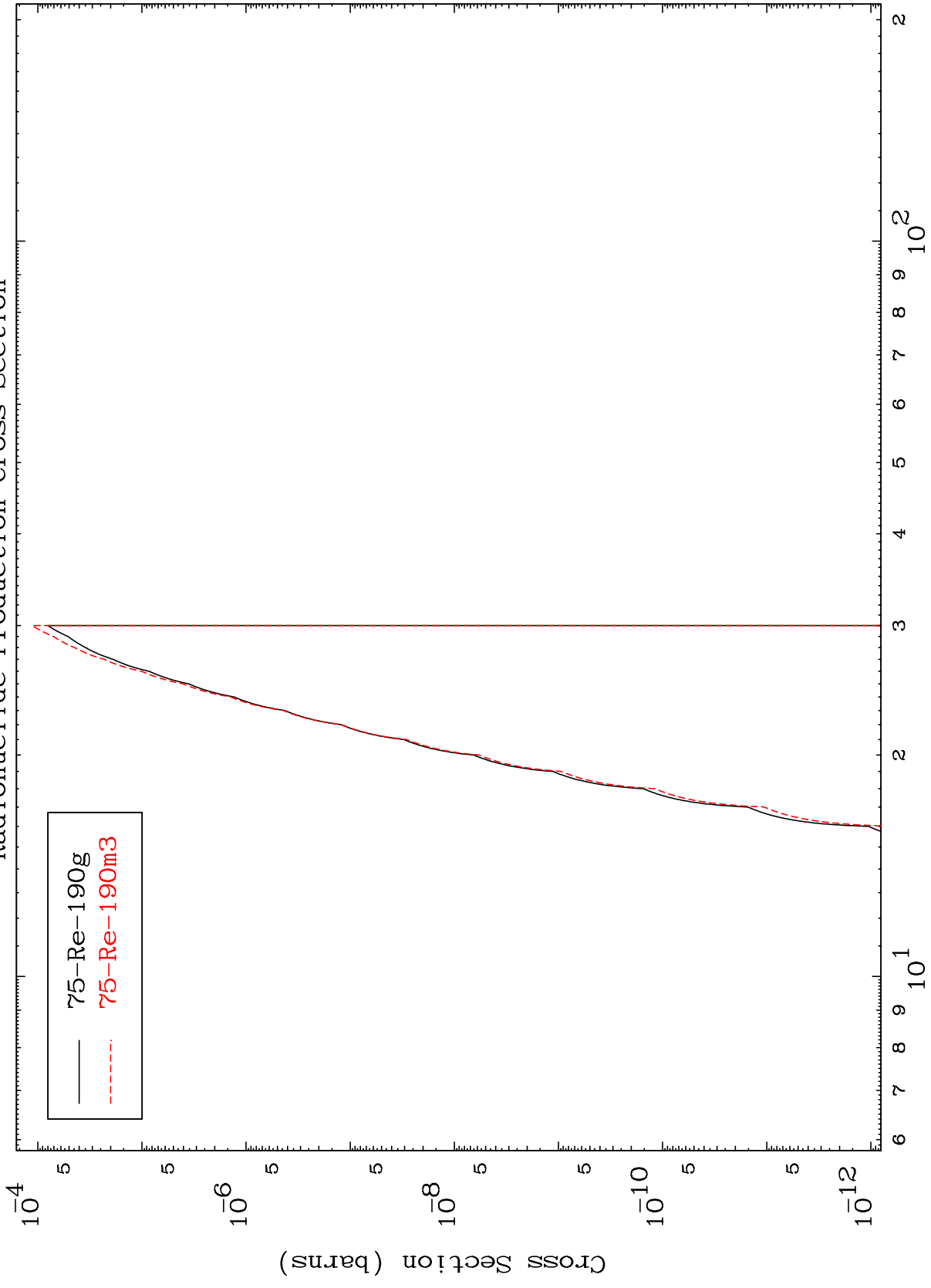
77-Ir-192

MAT 7728

(n,He-3)

77-Ir-192

Radionuclide Production Cross Section



75-Re-190g
75-Re-190m3

137

Incident Energy (MeV)

77-Ir-192