

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

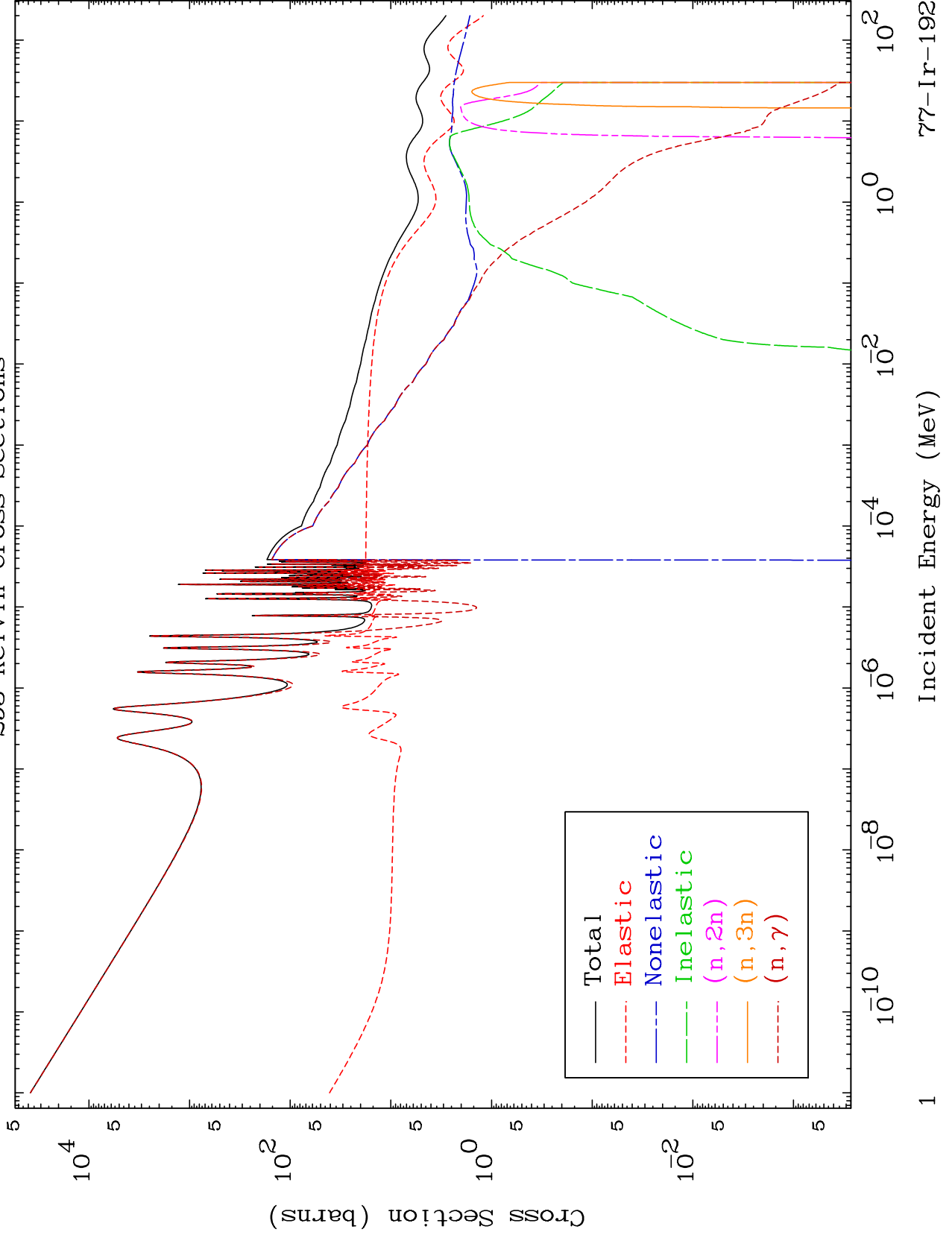
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7728

Neutron Major
293 Kelvin Cross Sections

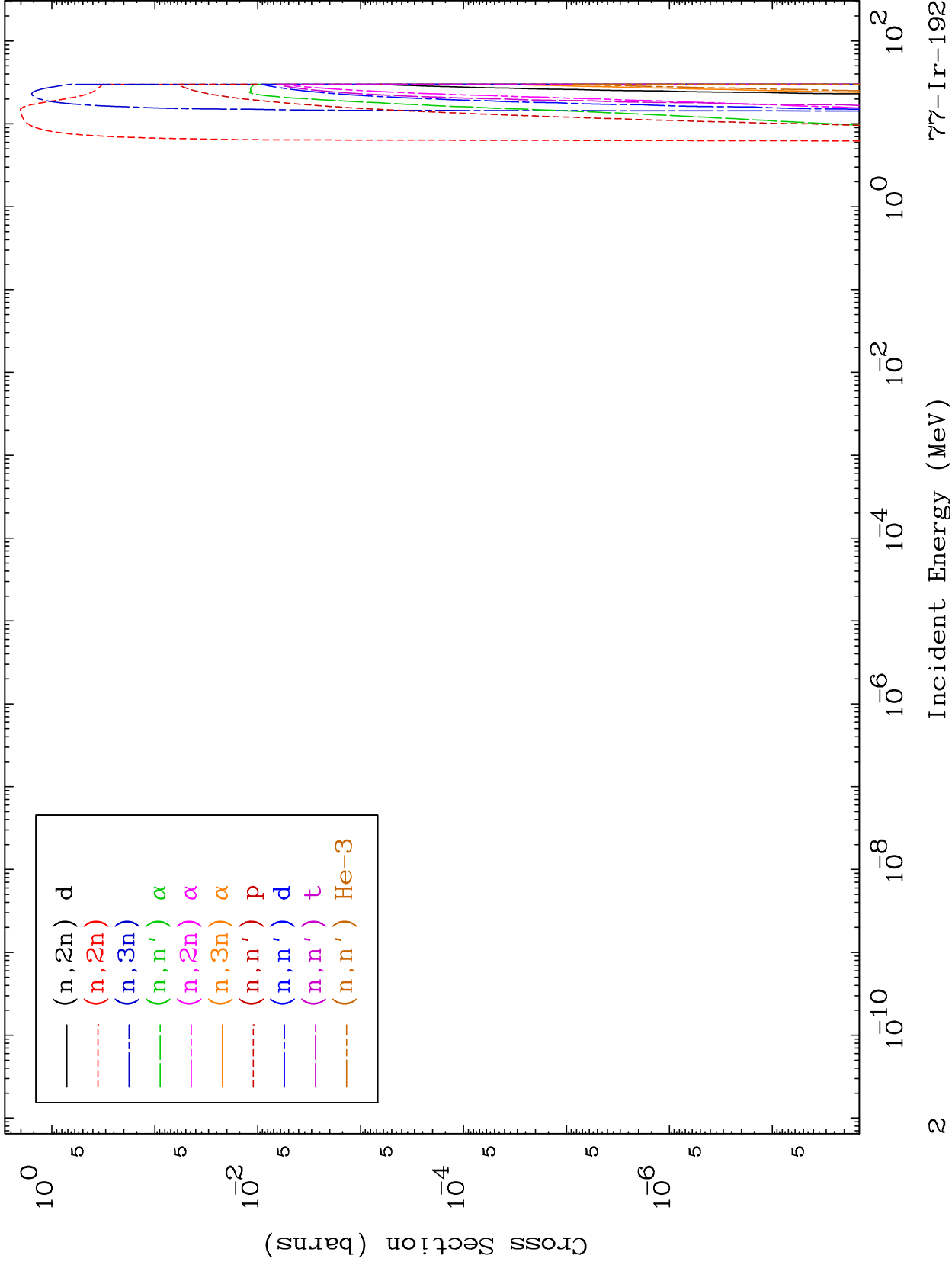
77-Ir-192



MAT 7728

Neutron Absorption
293 Kelvin Cross Sections

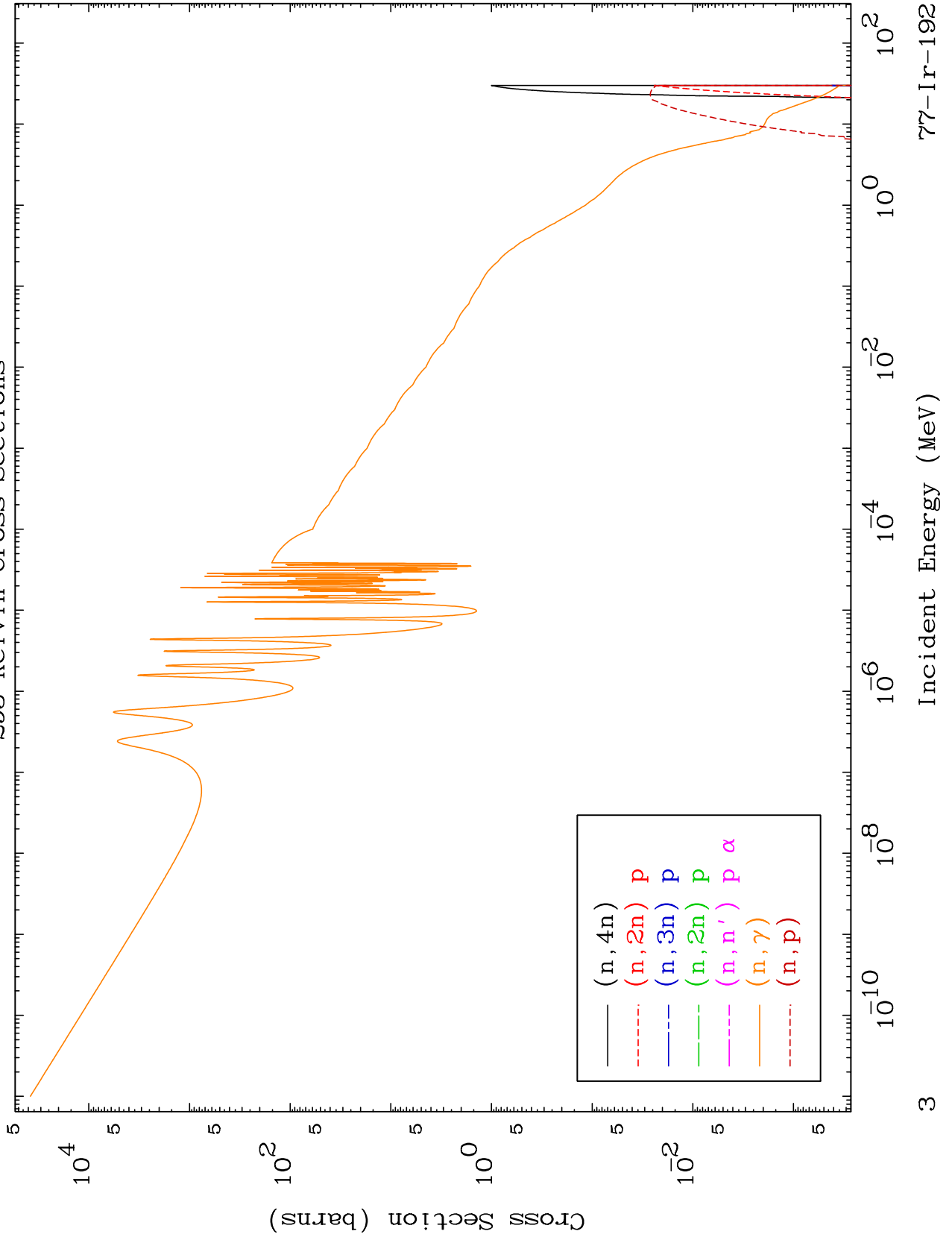
77-Ir-192



MAT 7728

Neutron Absorption
293 Kelvin Cross Sections

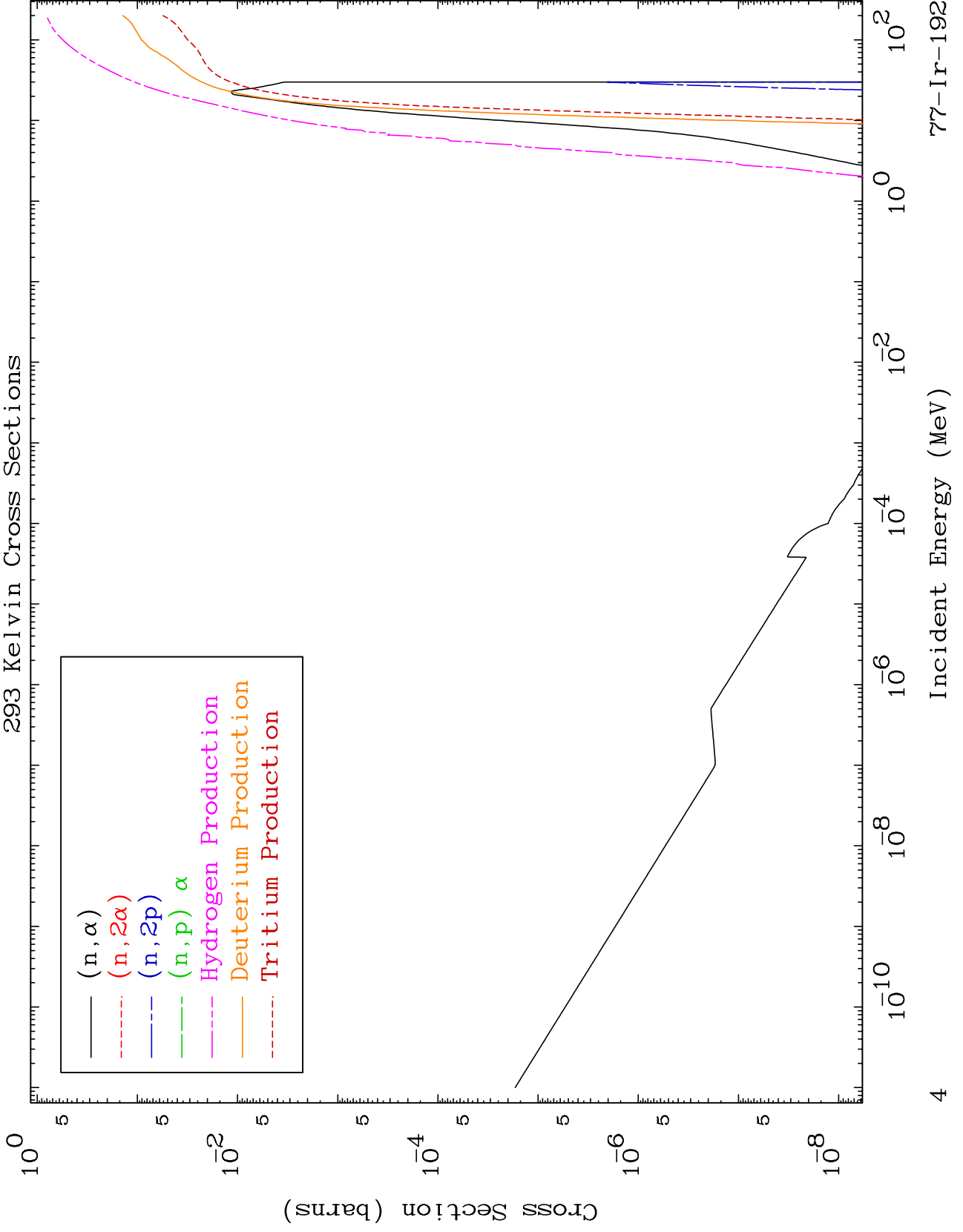
77-Ir-192

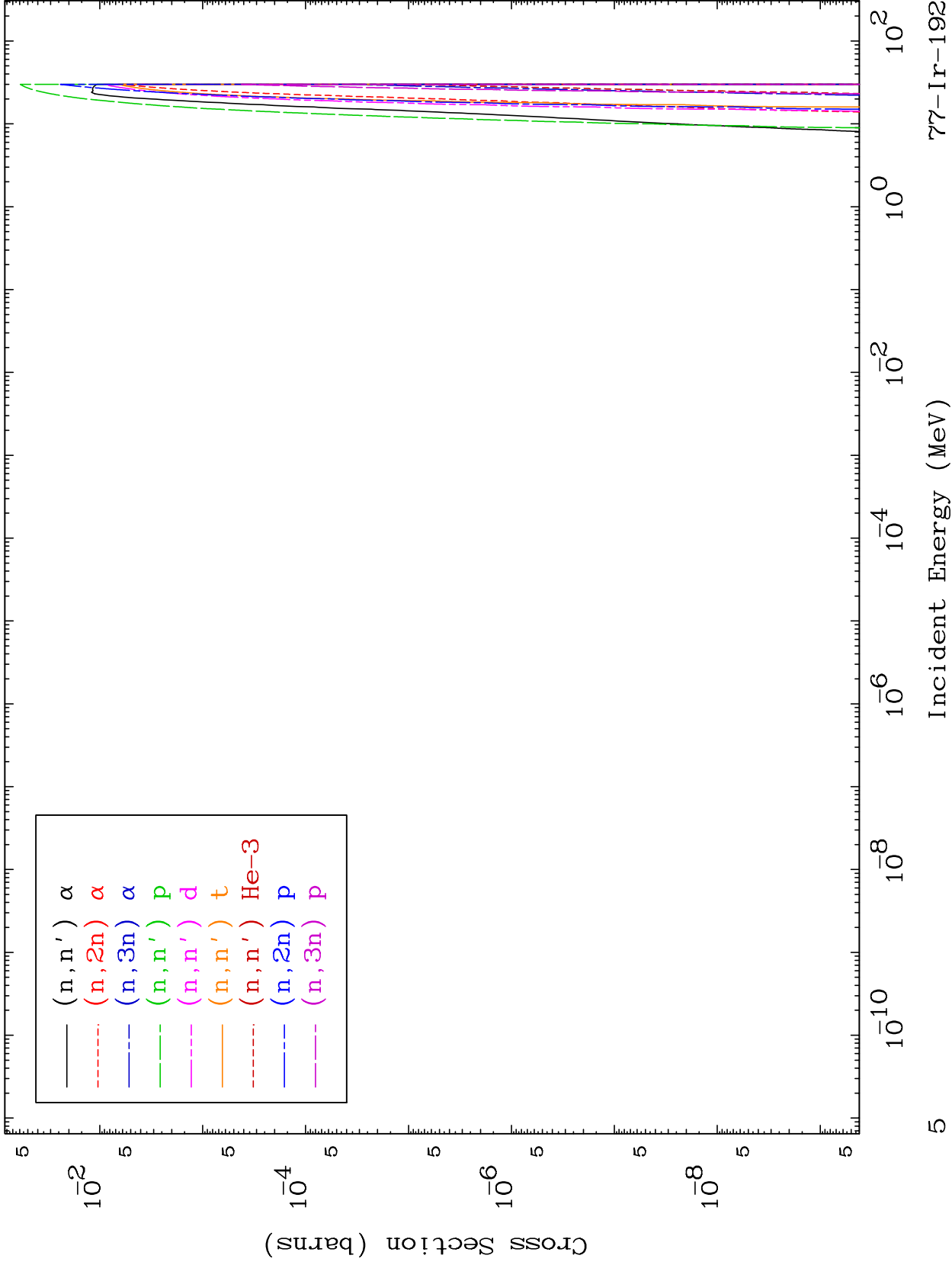


MAT 7728

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-192

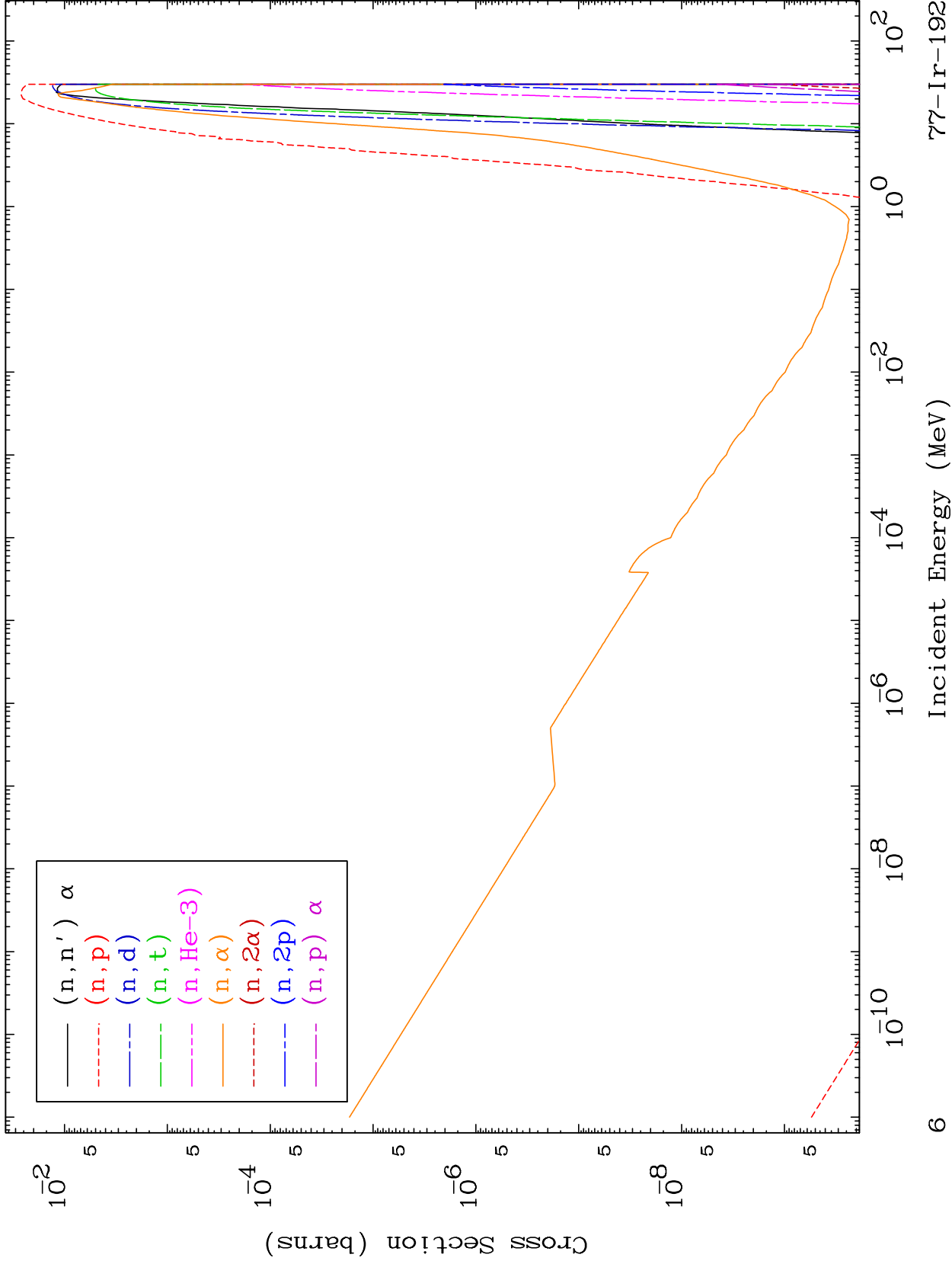




MAT 7728

Charged Particle
293 Kelvin Cross Sections

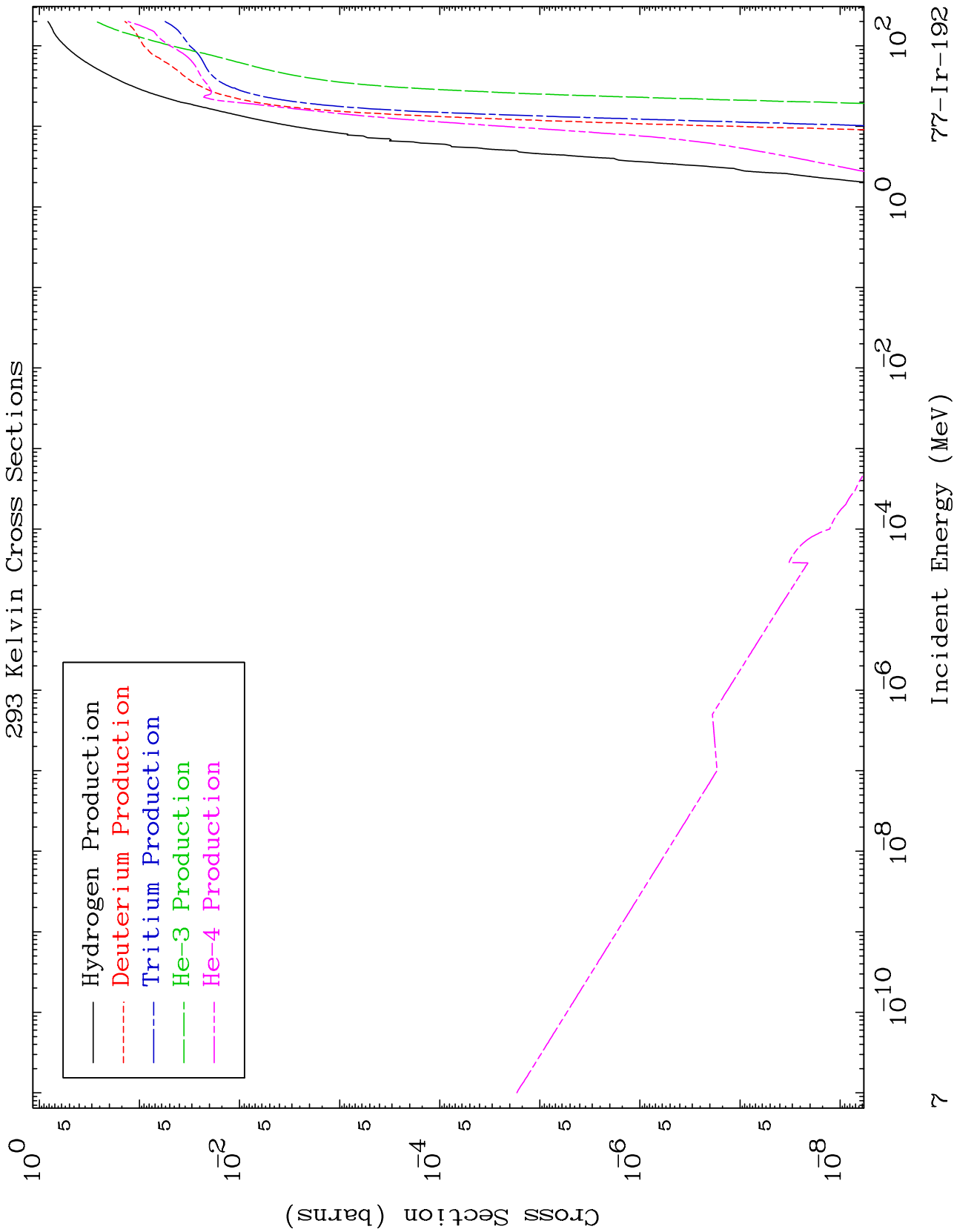
77-Ir-192

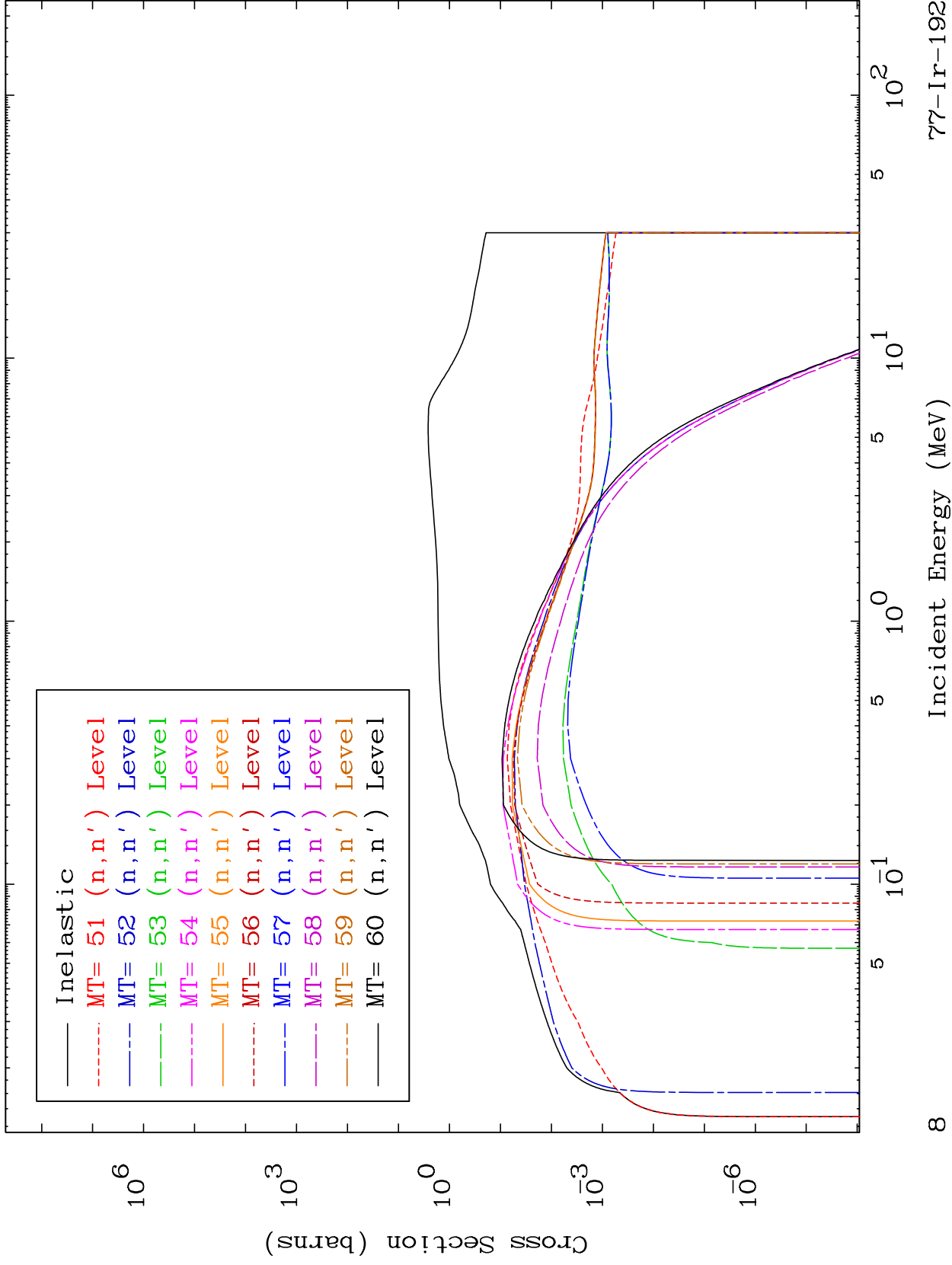


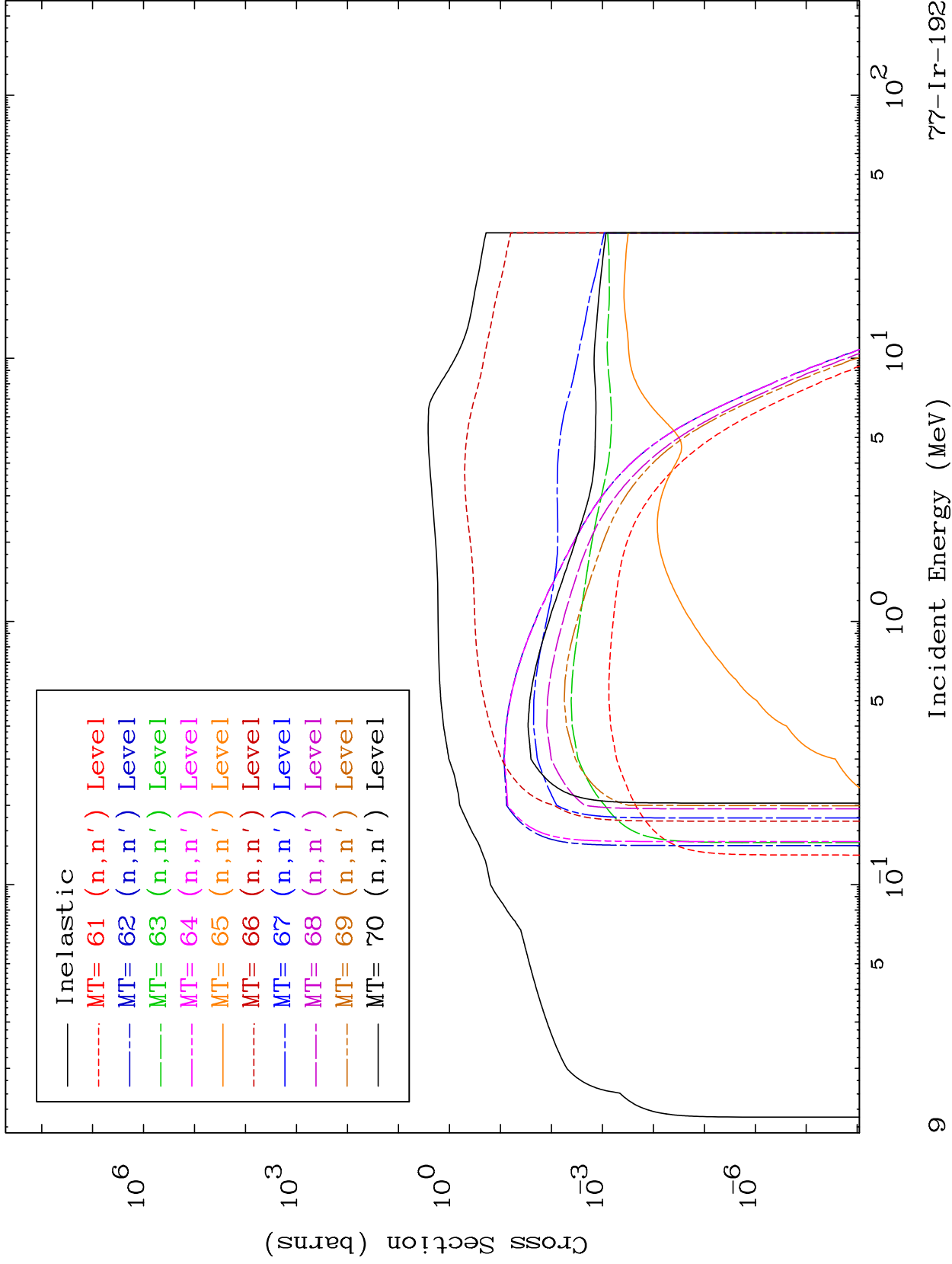
MAT 7728

Particle Production
293 Kelvin Cross Sections

77-Ir-192



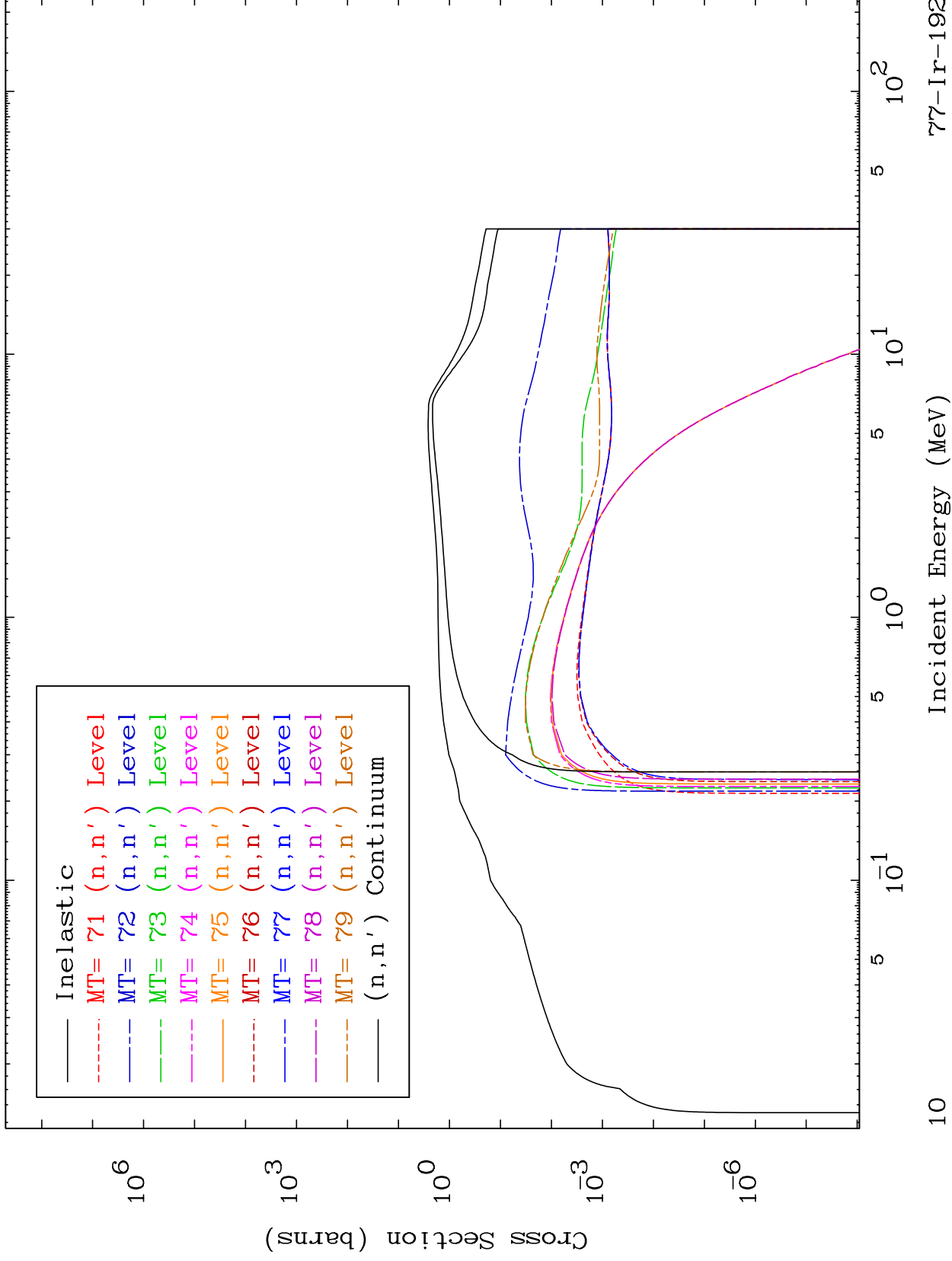




MAT 7728

(n,n') Levels
293 Kelvin Cross Sections

77-Ir-192



10

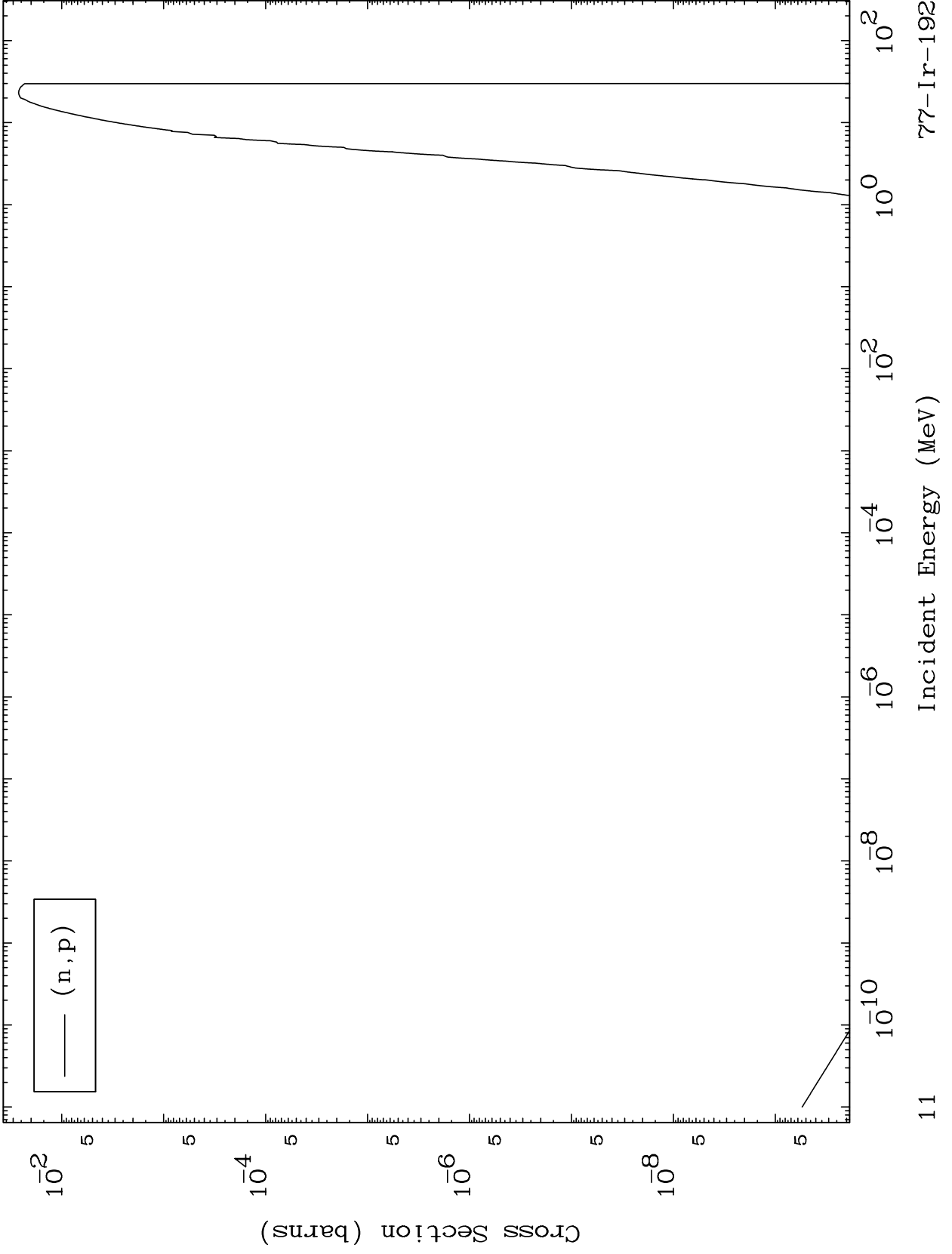
Incident Energy (MeV)

77-Ir-192

MAT 7728

(n,p) Levels
293 Kelvin Cross Sections

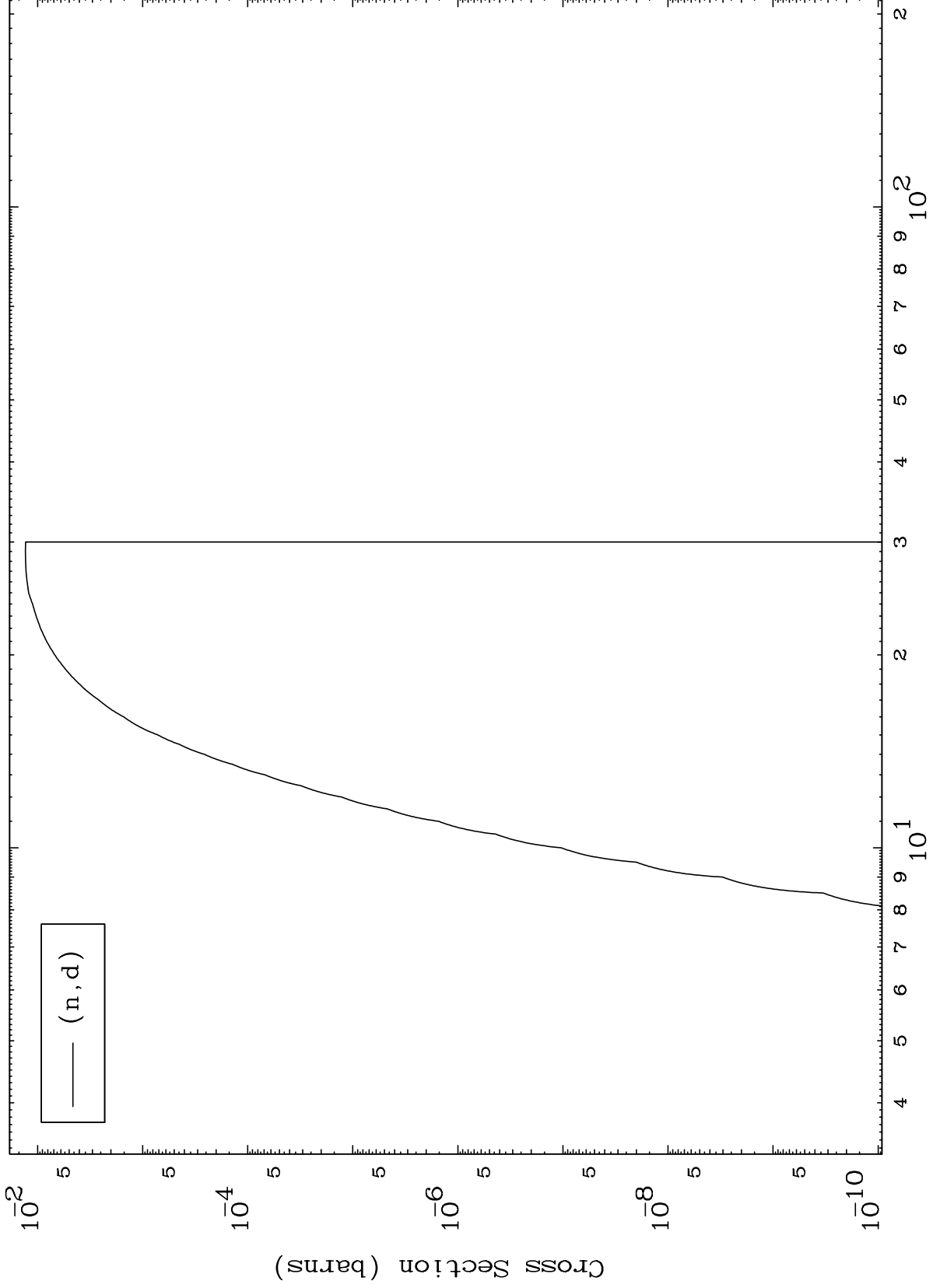
77-Ir-192



MAT 7728

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-192



12

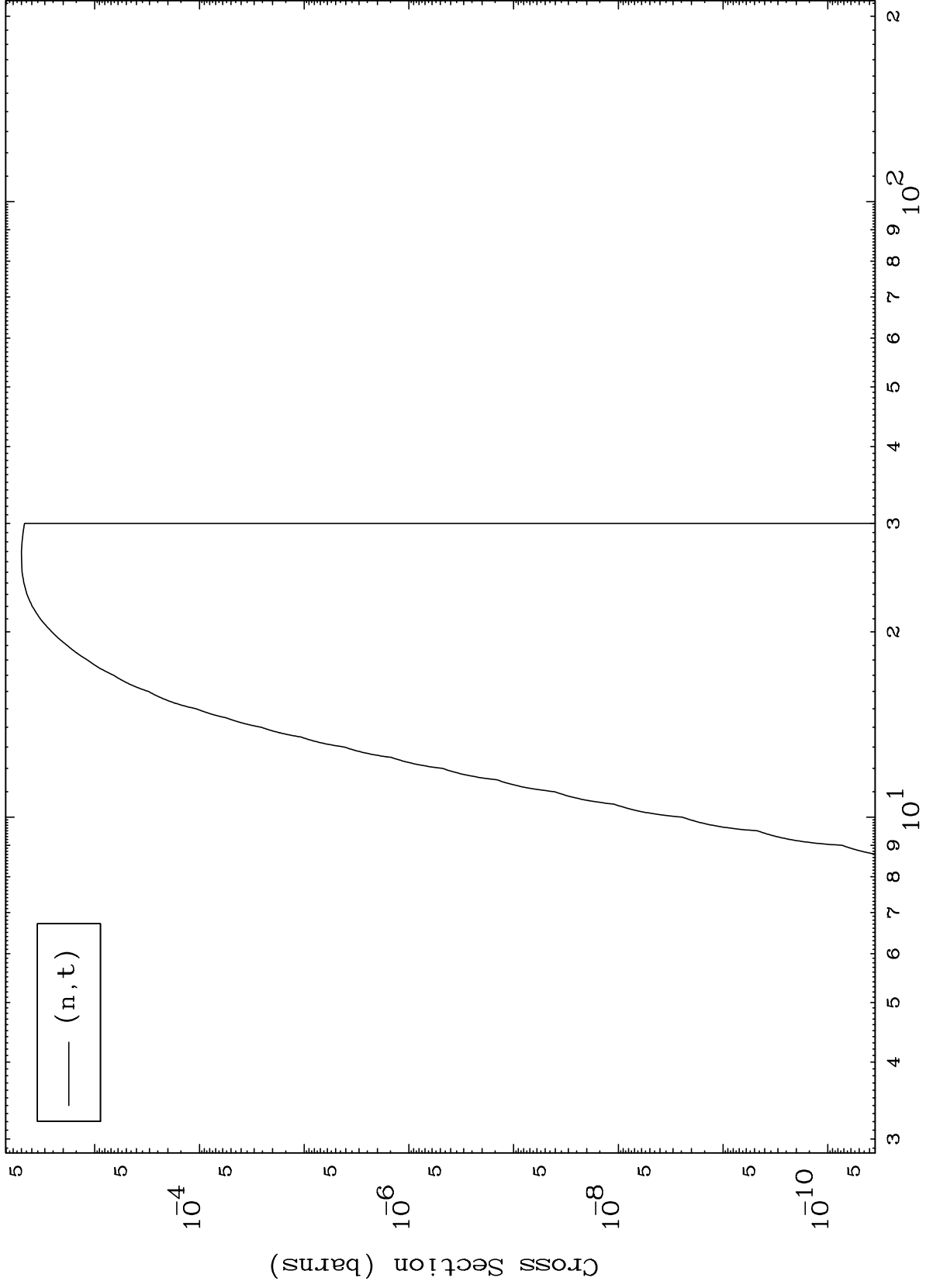
Incident Energy (MeV)

77-Ir-192

MAT 7728

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-192



13

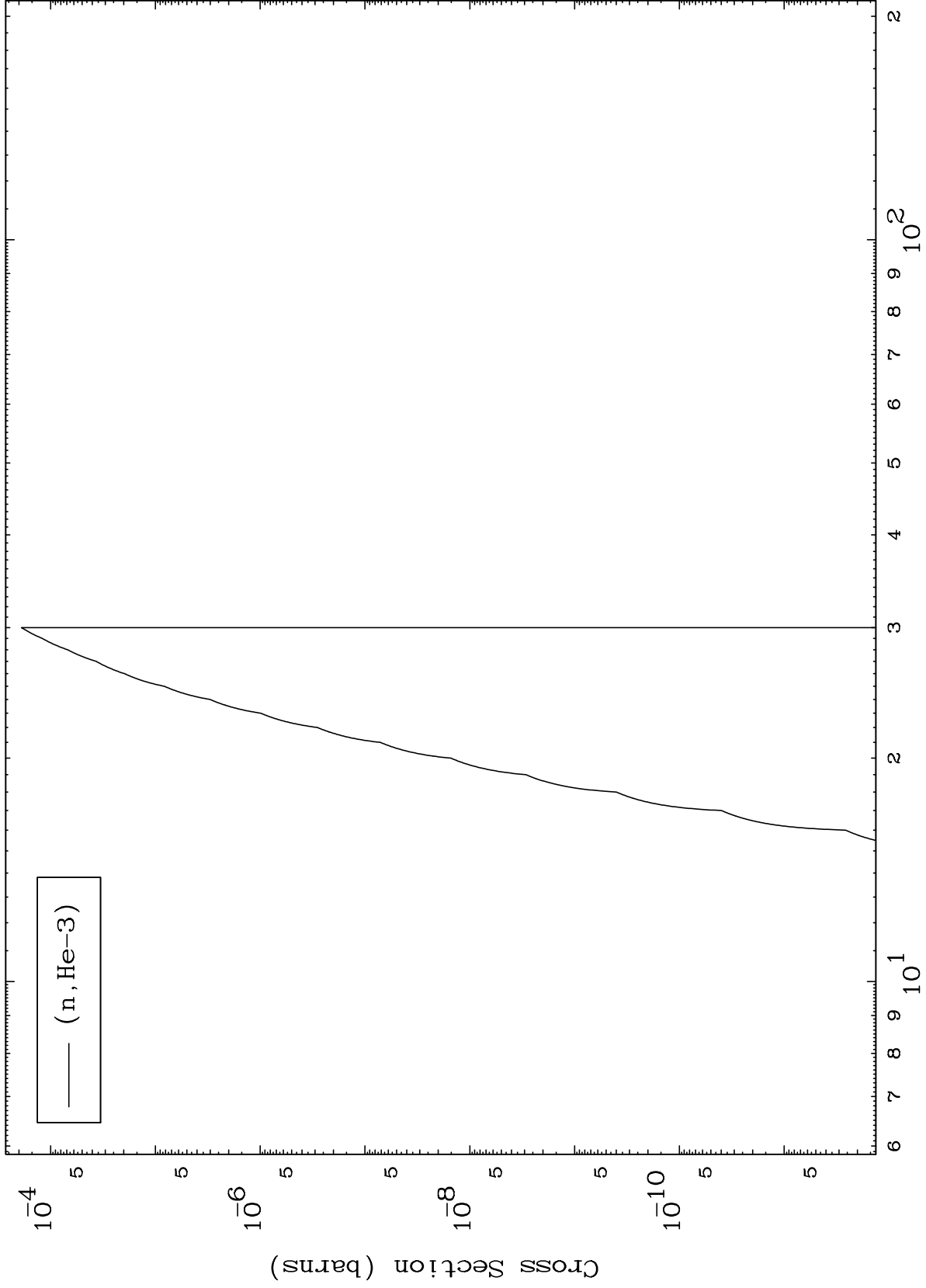
Incident Energy (MeV)

77-Ir-192

MAT 7728

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-192



14

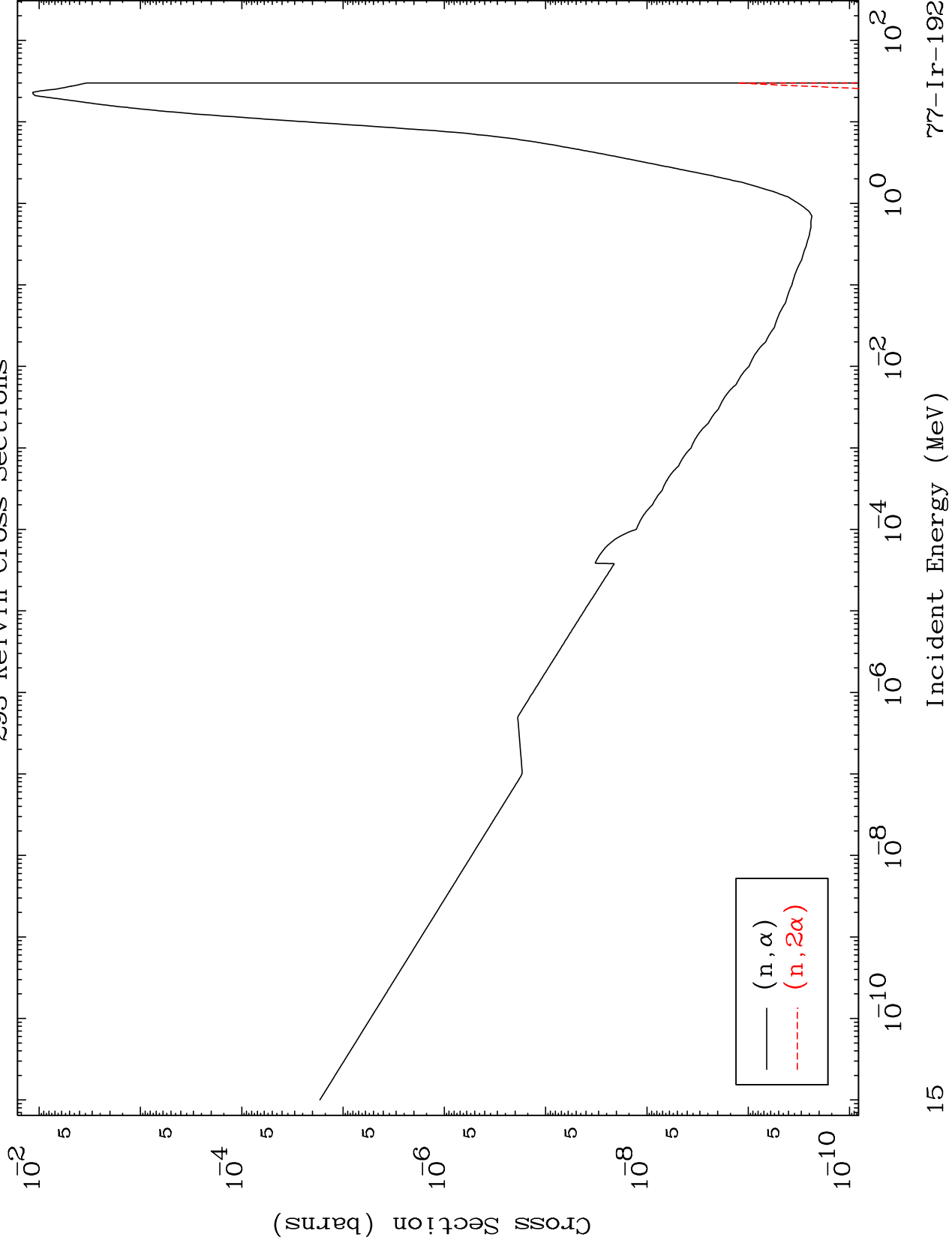
Incident Energy (MeV)

77-Ir-192

MAT 7728

(n, α) Levels
293 Kelvin Cross Sections

77-Ir-192

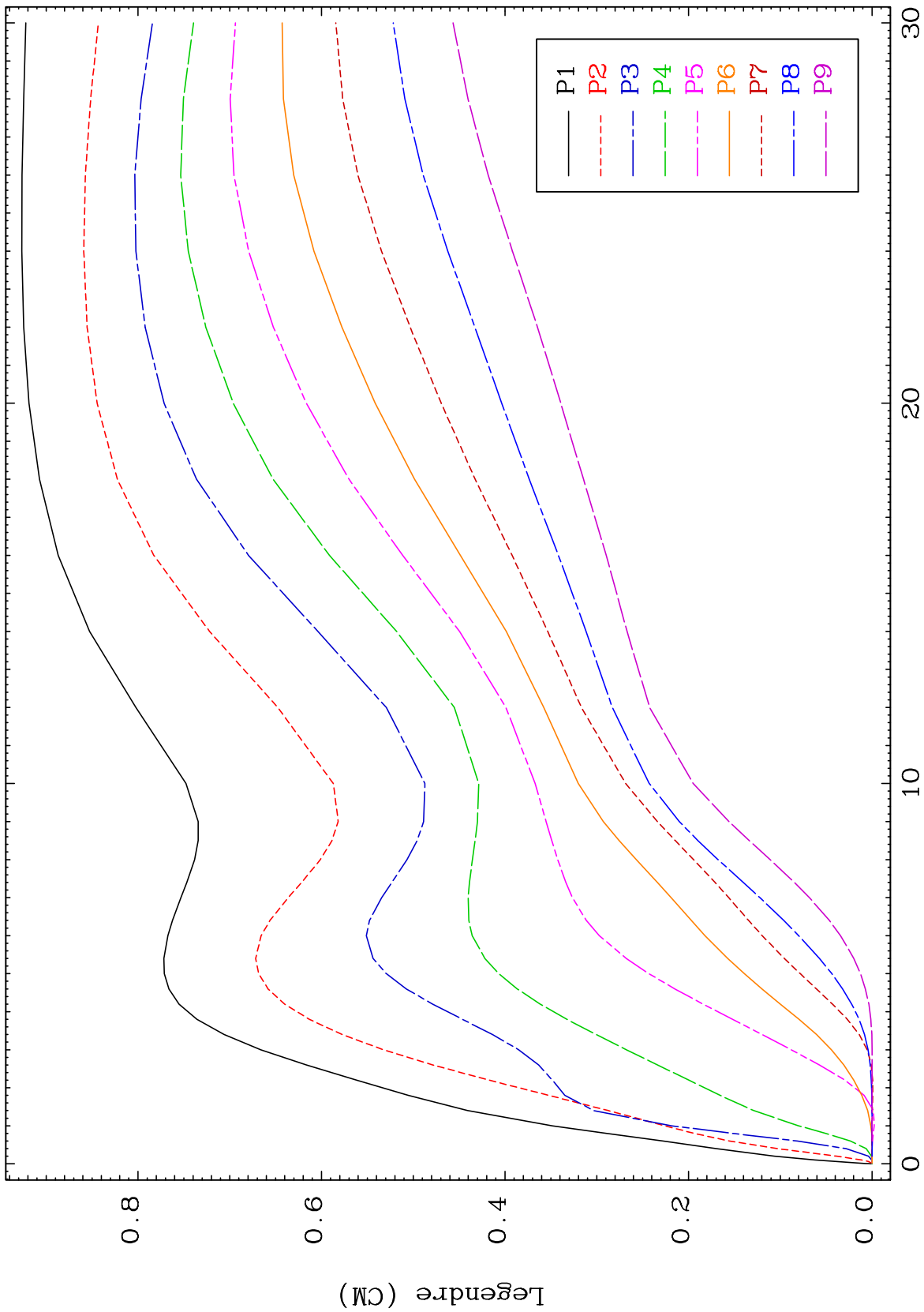


15

MAT 7728

77-Ir-192

Elastic Legendre Coefficients



16

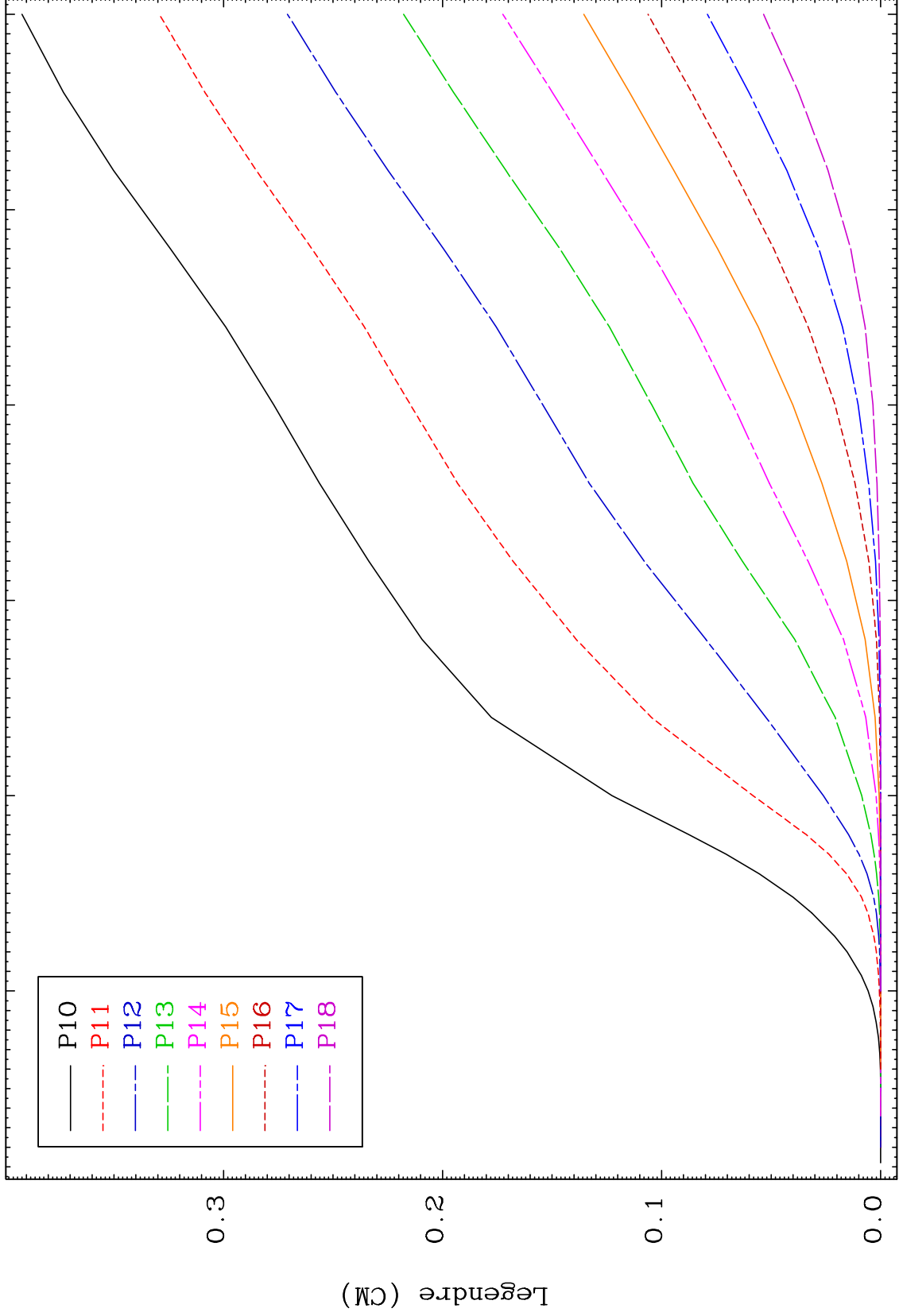
Incident Energy (MeV)

77-Ir-192

MAT 7728

Elastic Legendre Coefficients

⁷⁷Ir-192



17

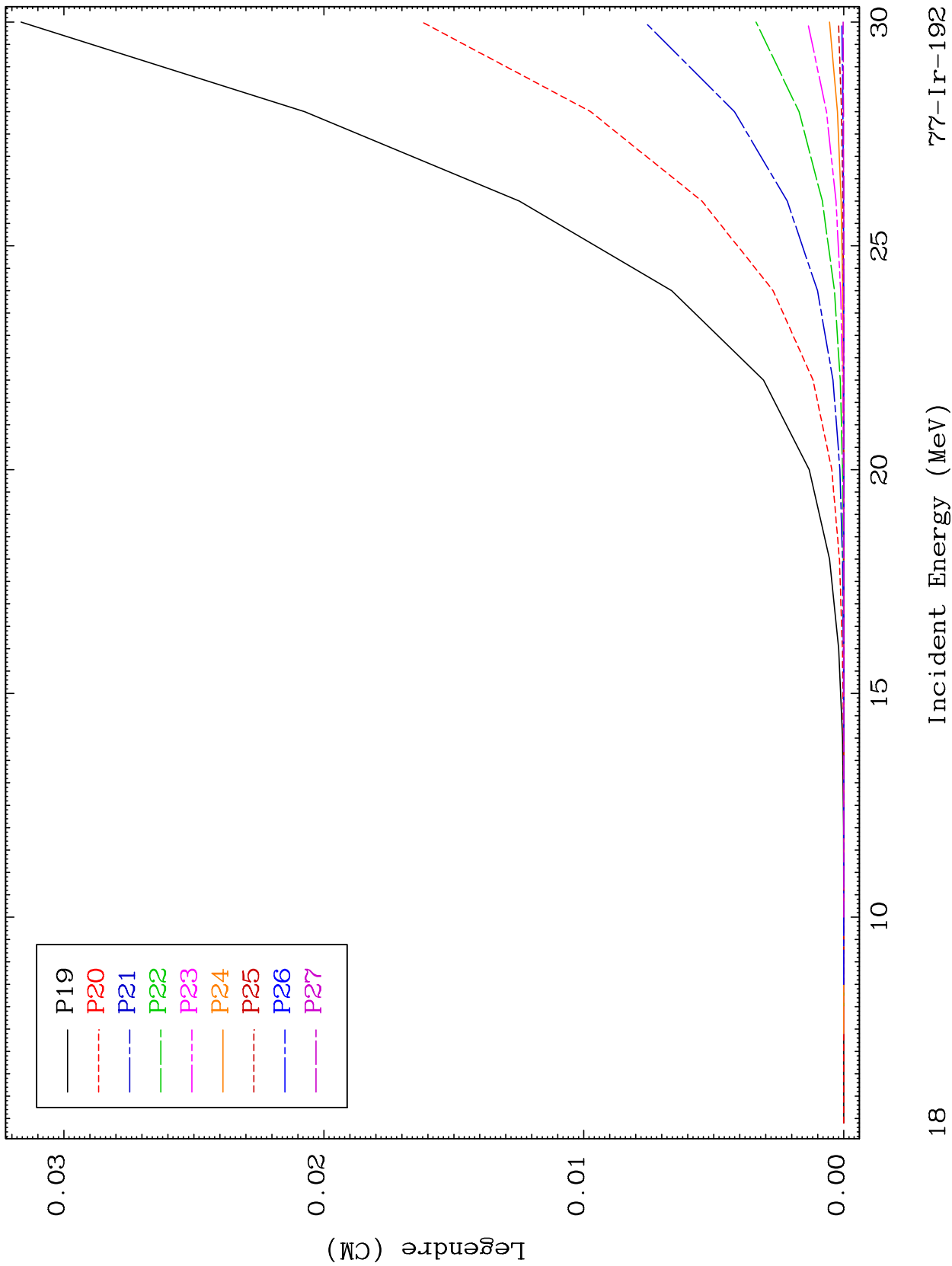
Incident Energy (MeV)

⁷⁷Ir-192

MAT 7728

Elastic Legendre Coefficients

77-Ir-192



18

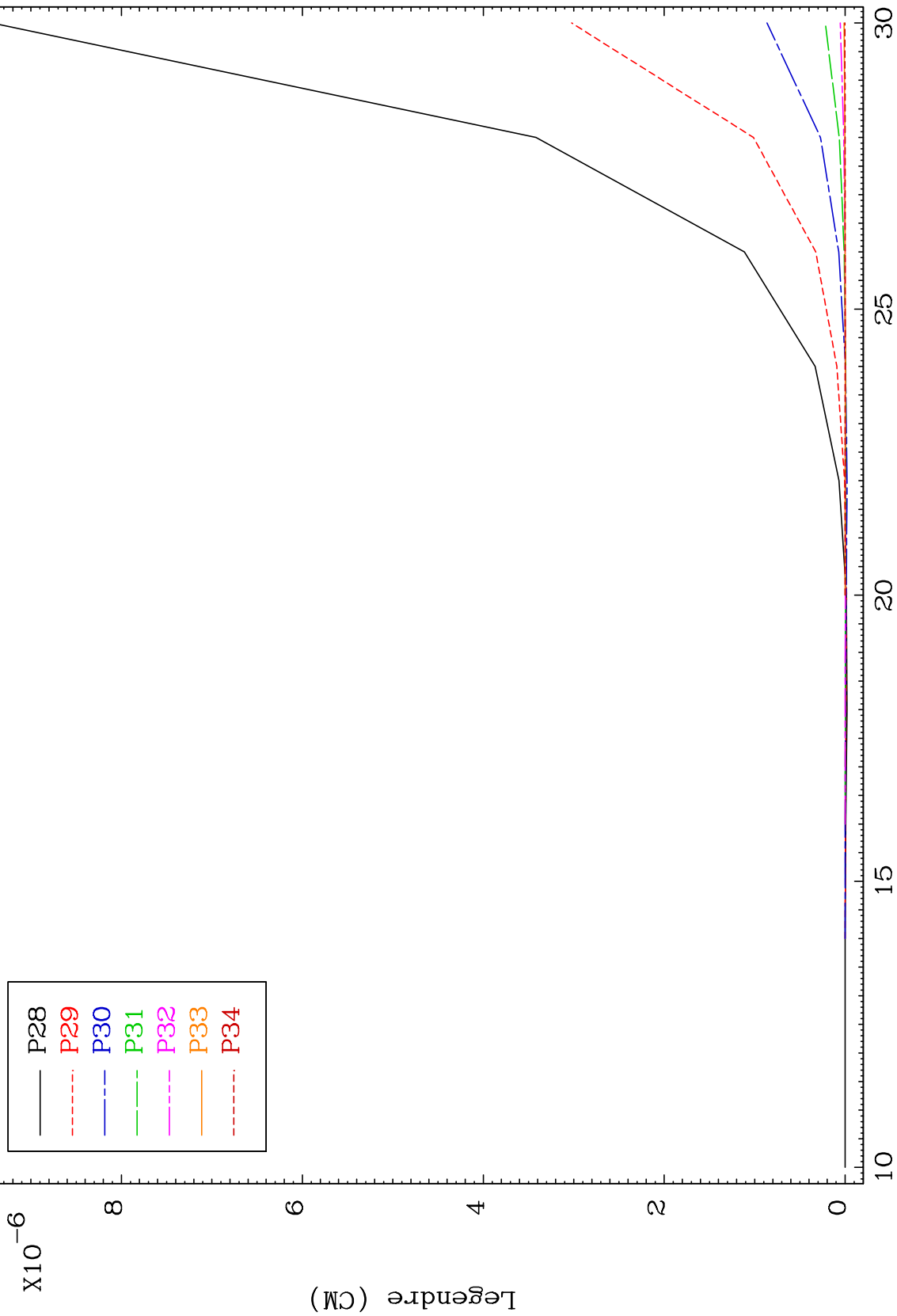
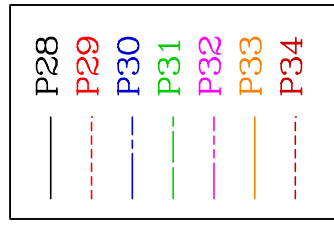
Incident Energy (MeV)

77-Ir-192

MAT 7728

Elastic
Legendre Coefficients

77-Ir-192



19

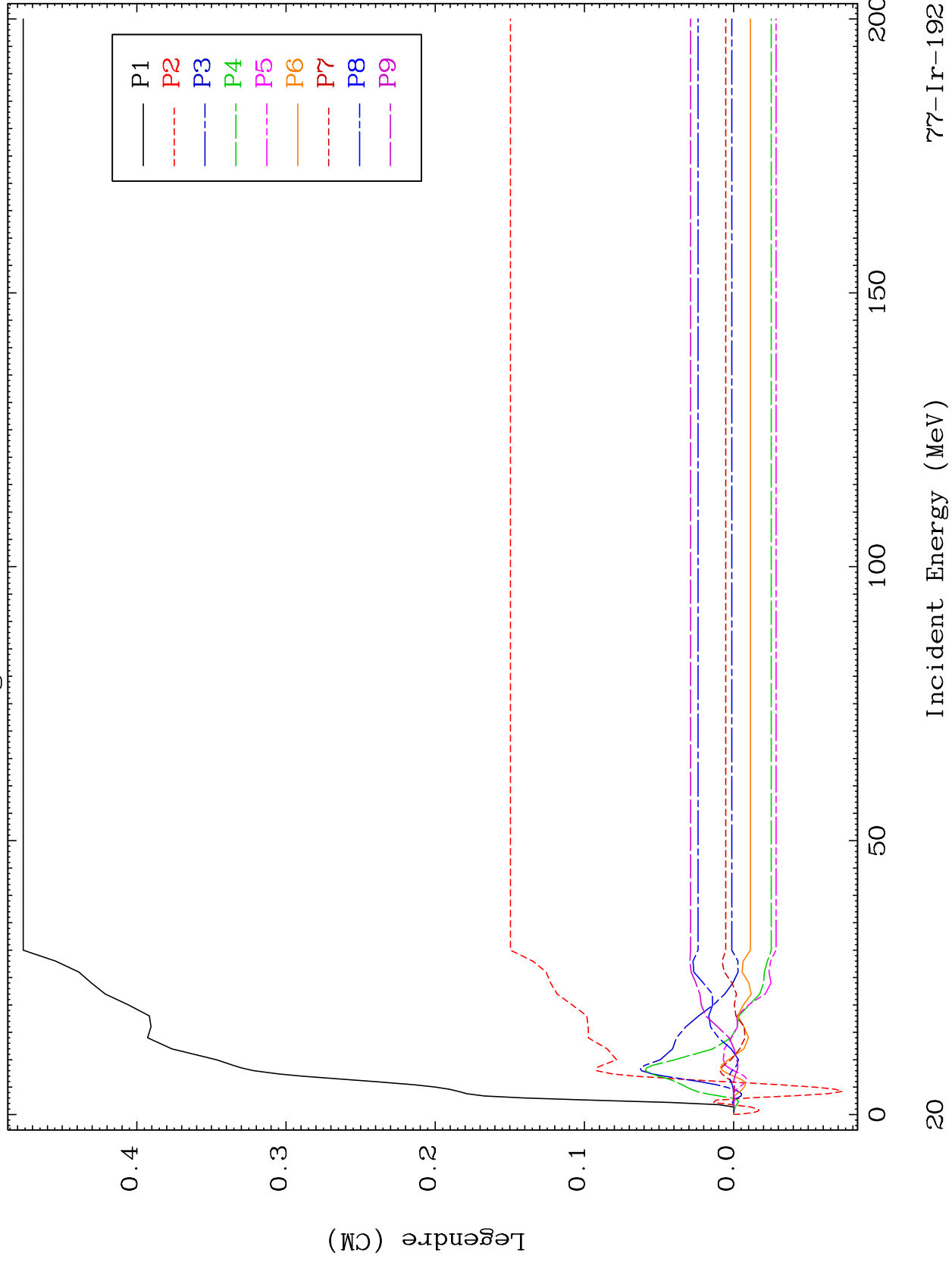
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

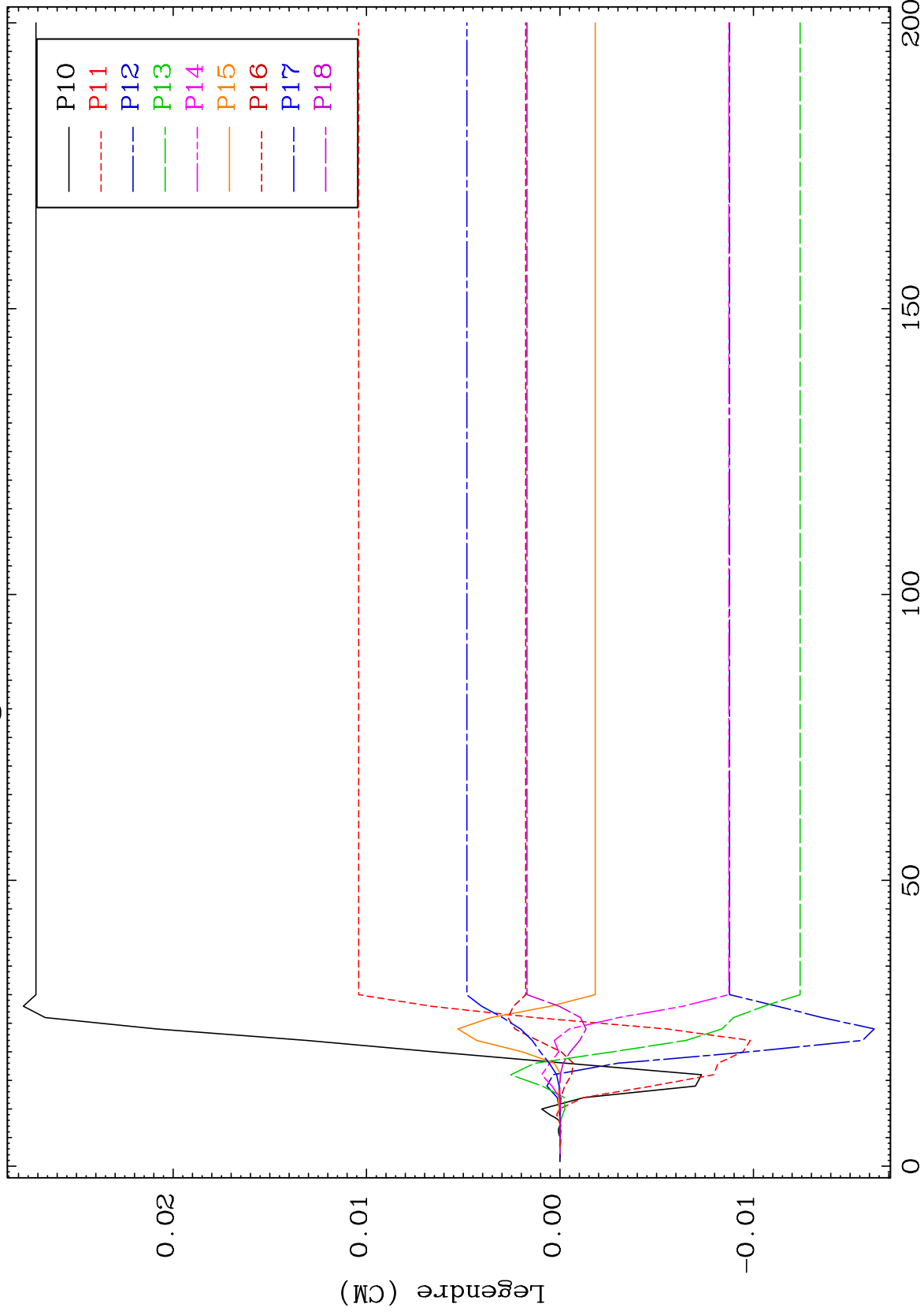
Incident Energy (MeV)

0

MAT 7728

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

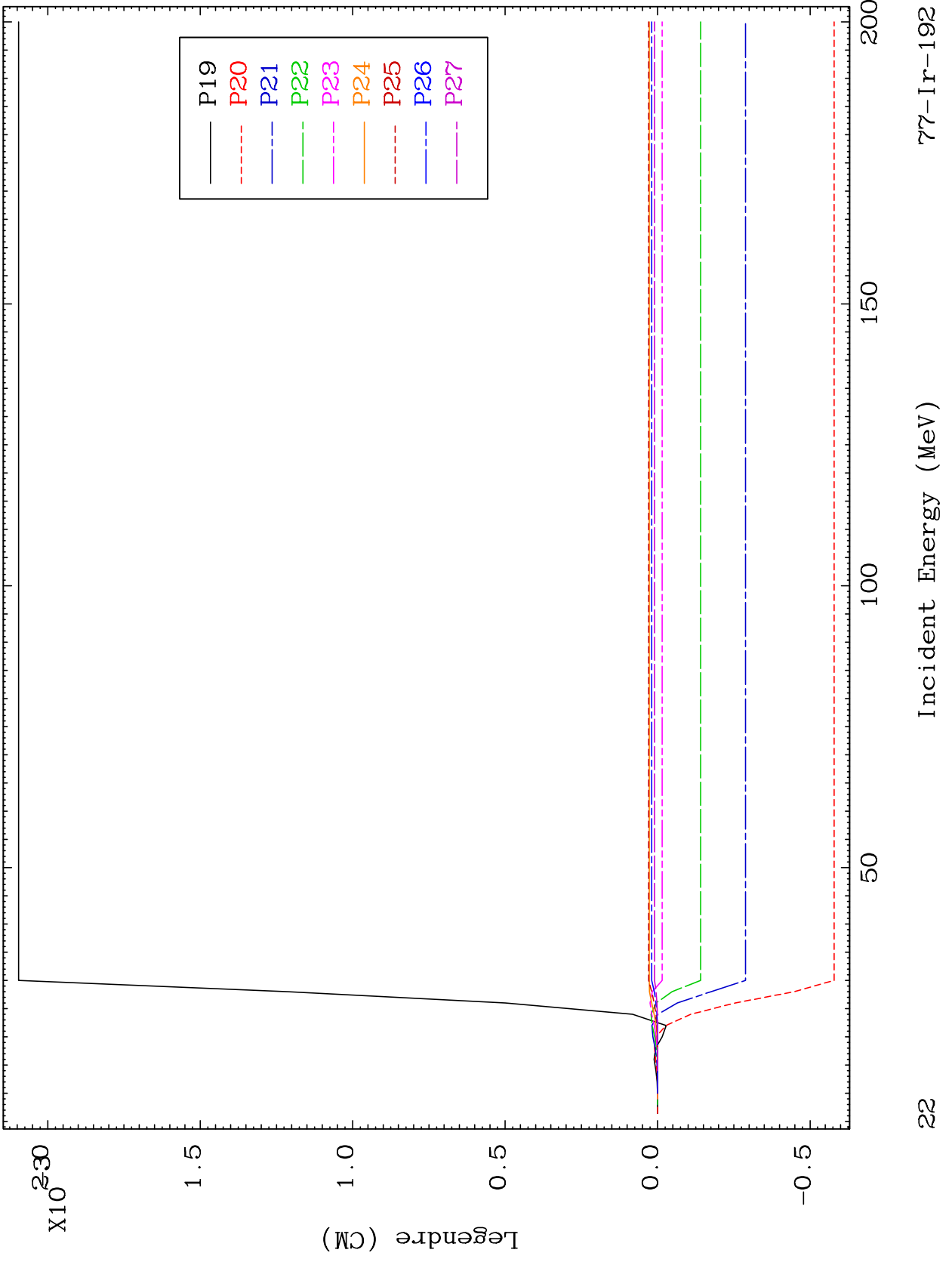
77-Ir-192



21

Incident Energy (MeV)

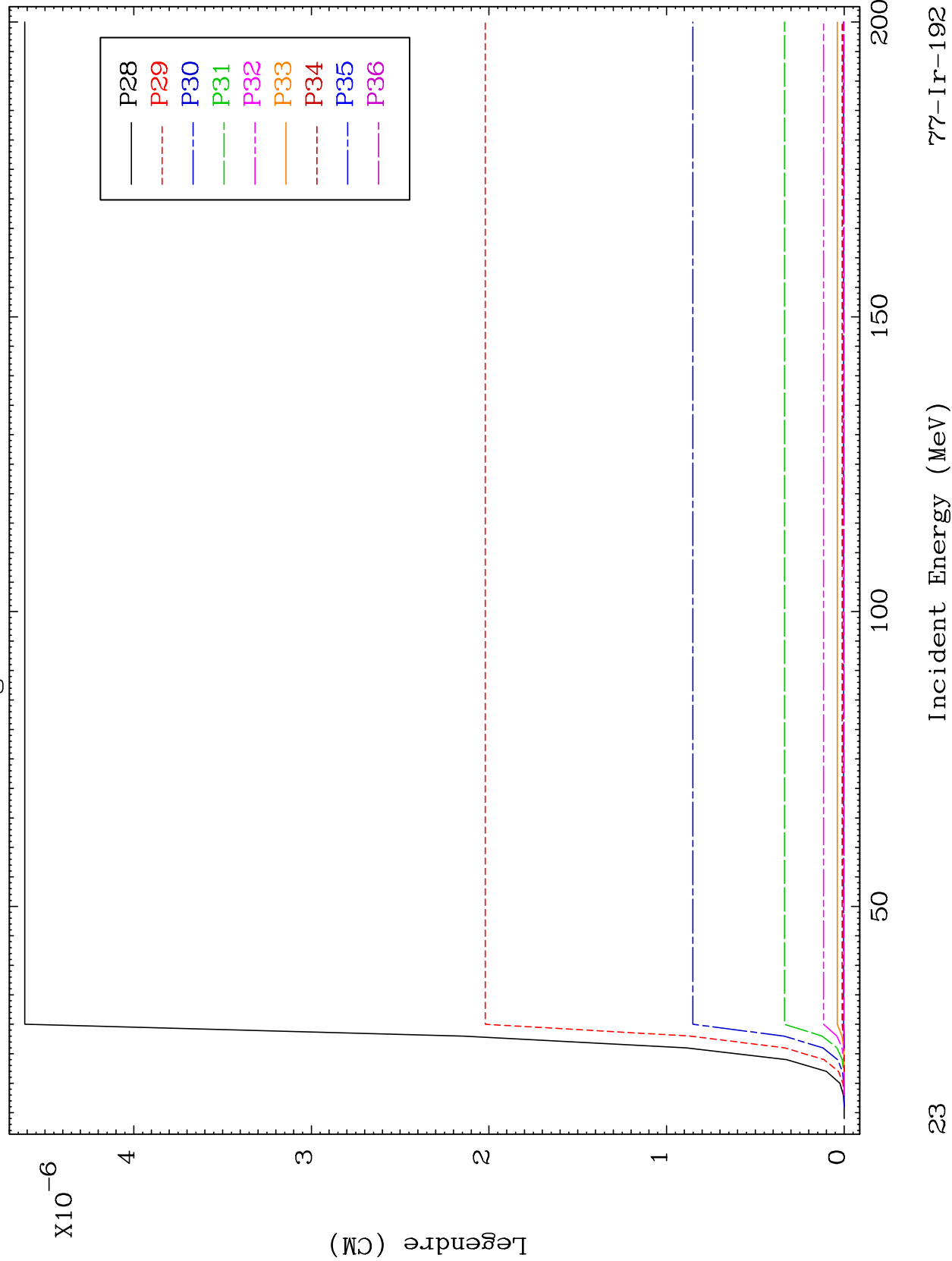
77-Ir-192



MAT 7728

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

77-Ir-192



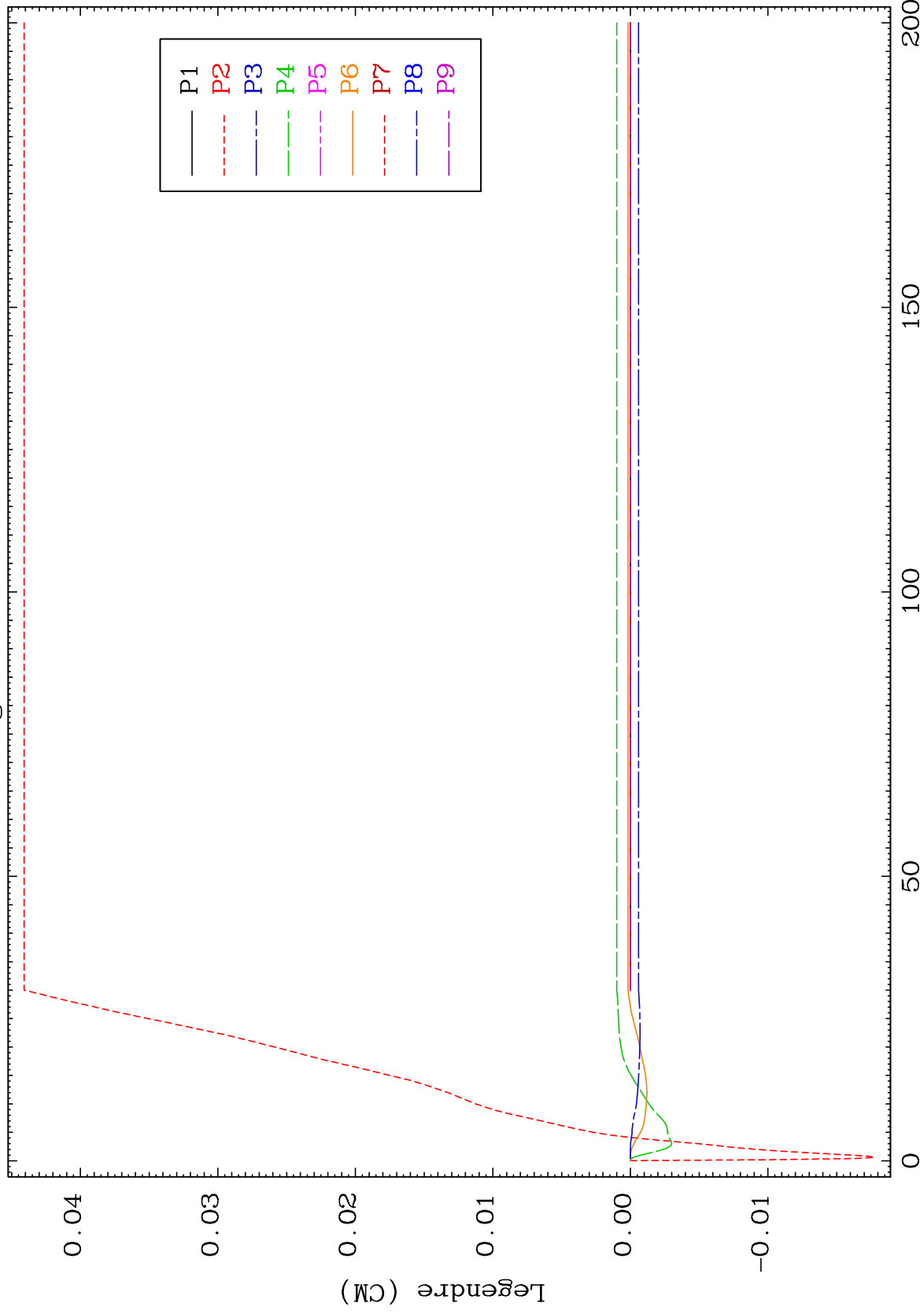
23

77-Ir-192

MAT 7728

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

77-Ir-192



24

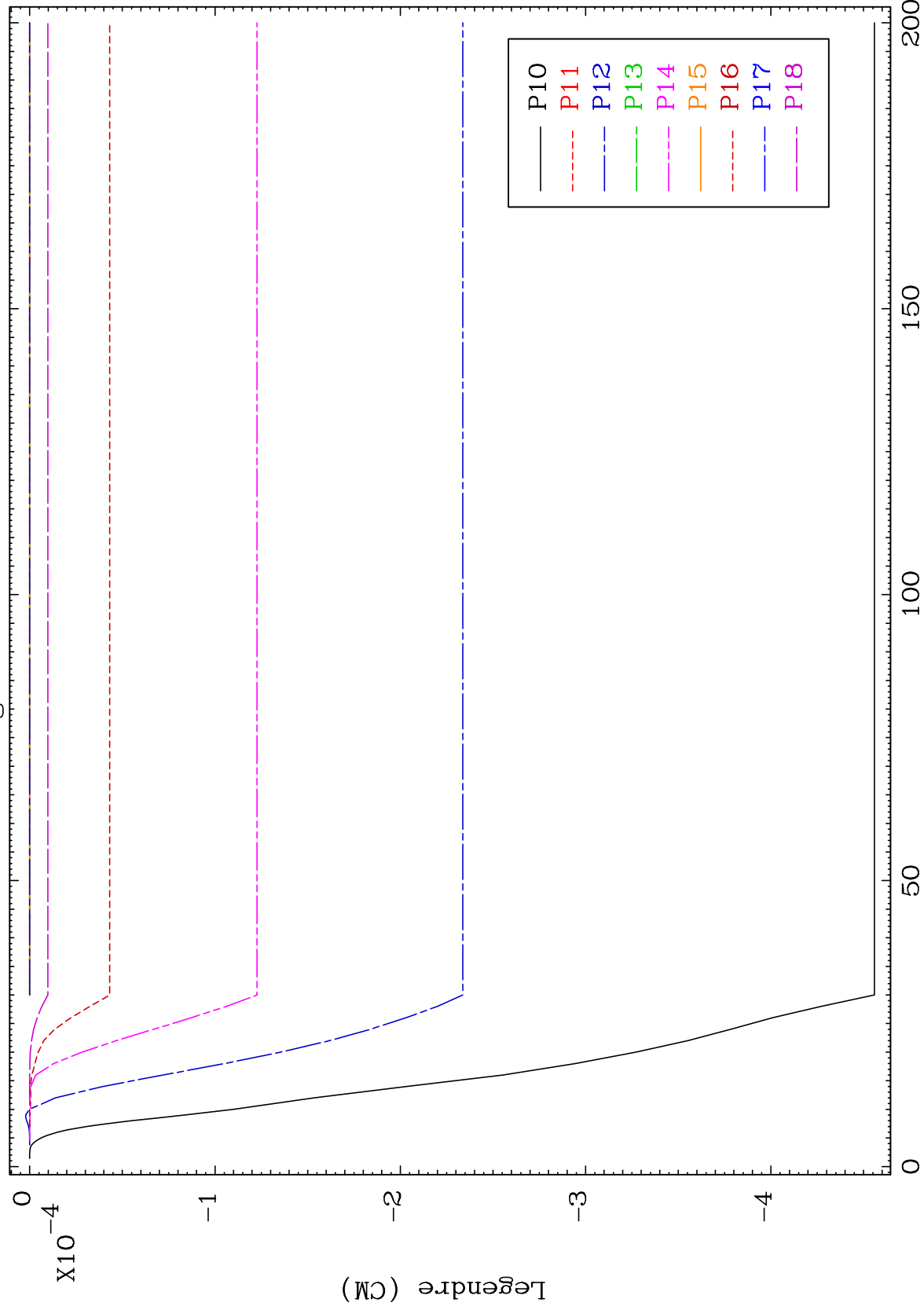
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



25

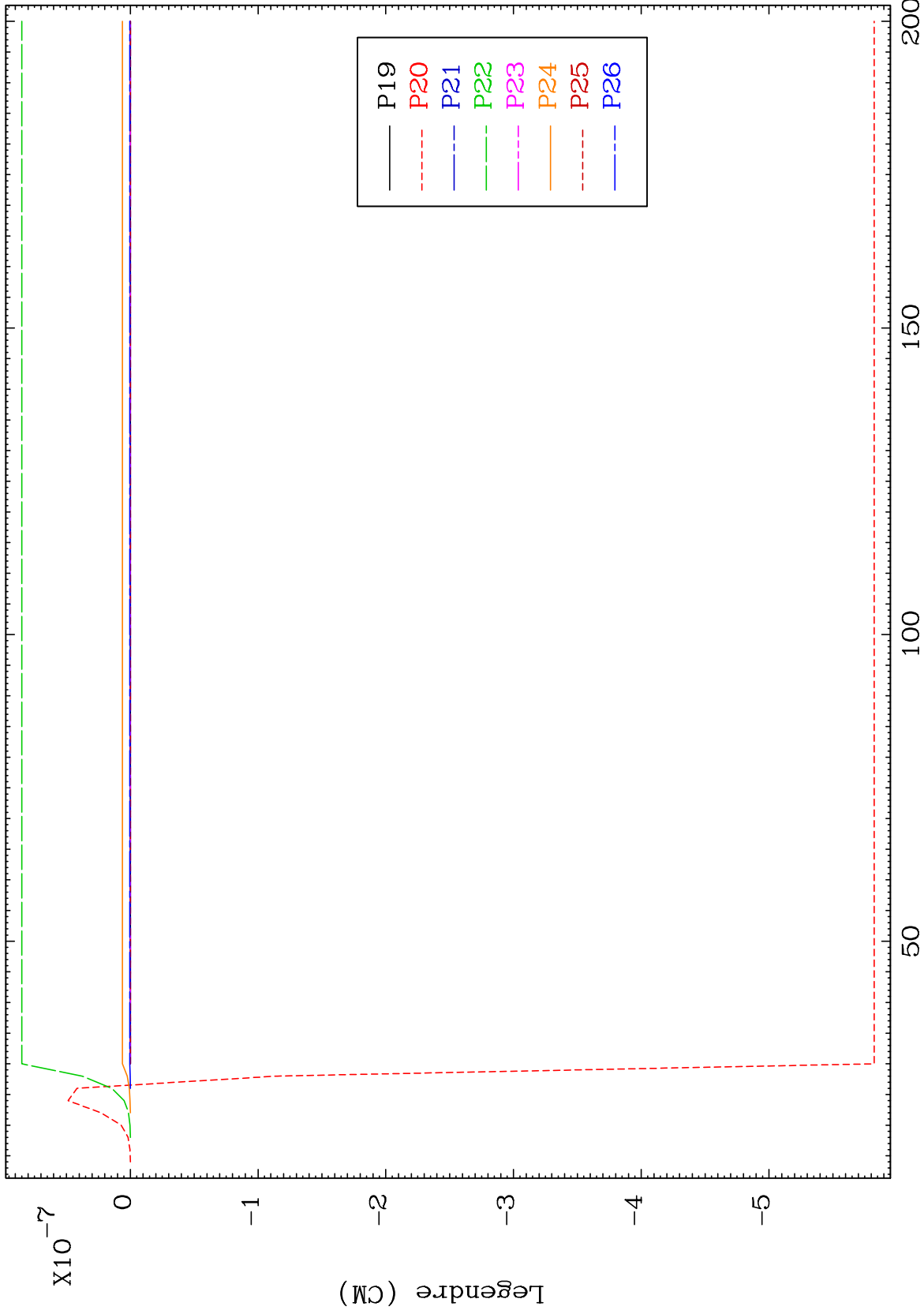
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



26

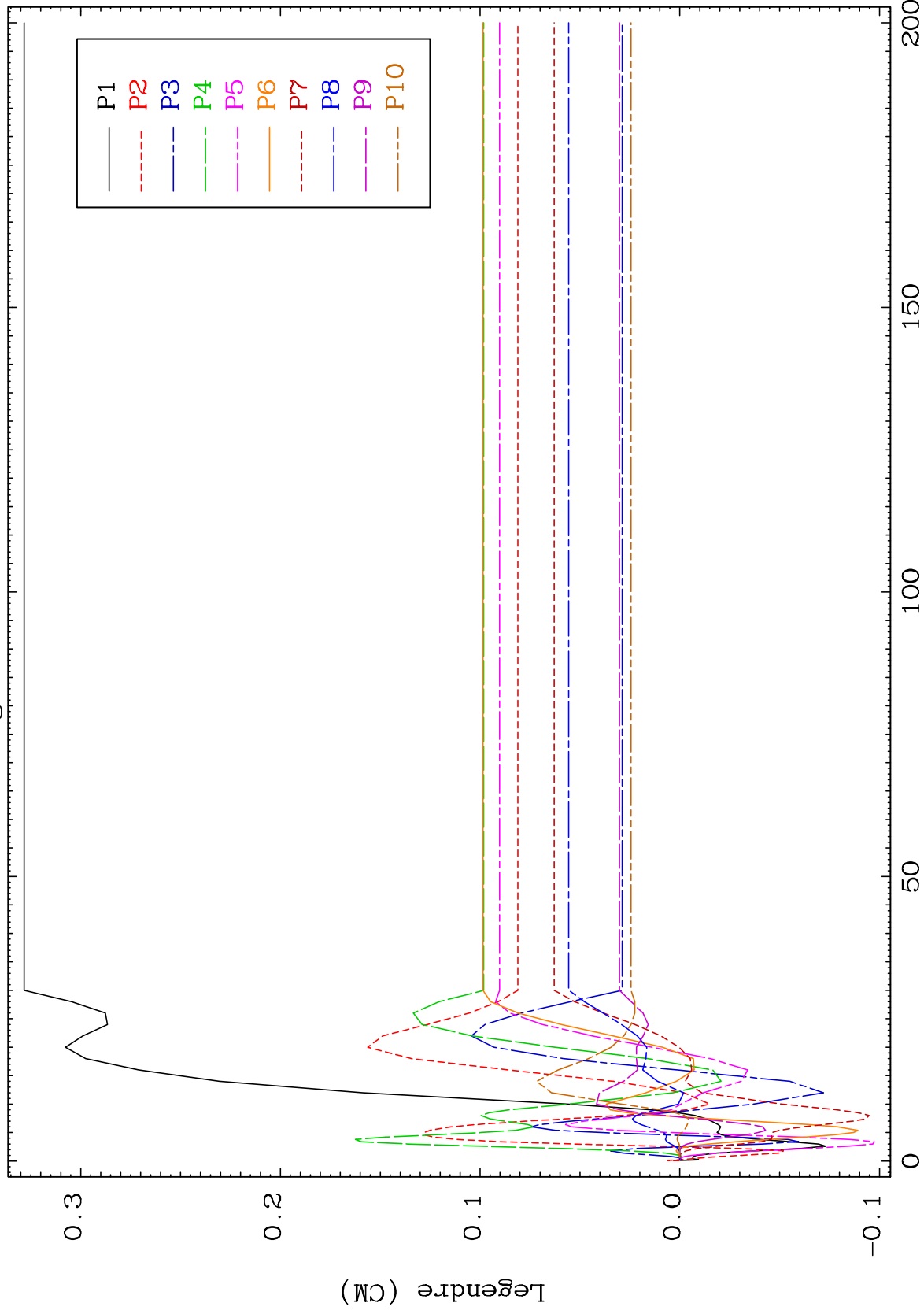
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



27

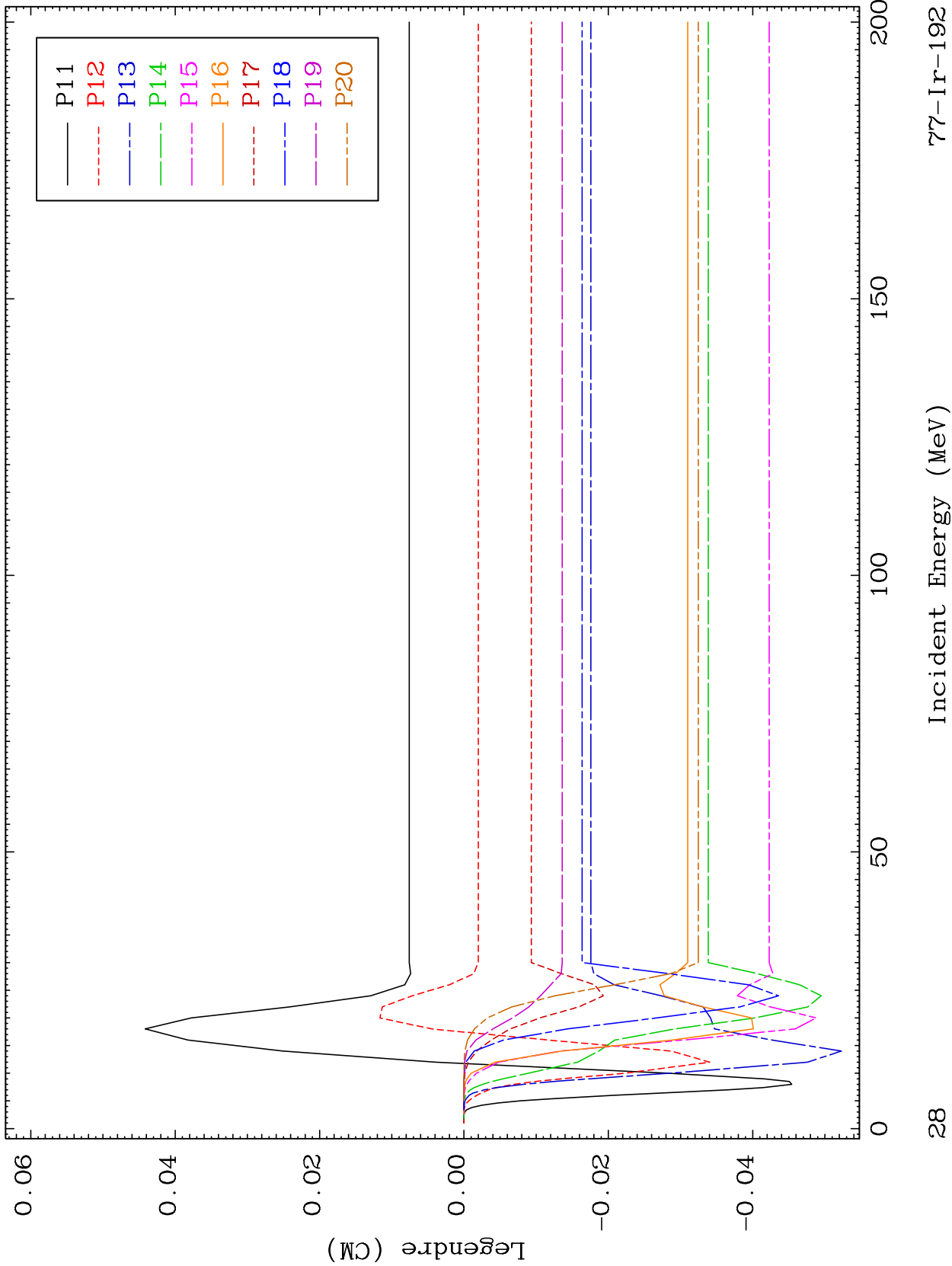
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

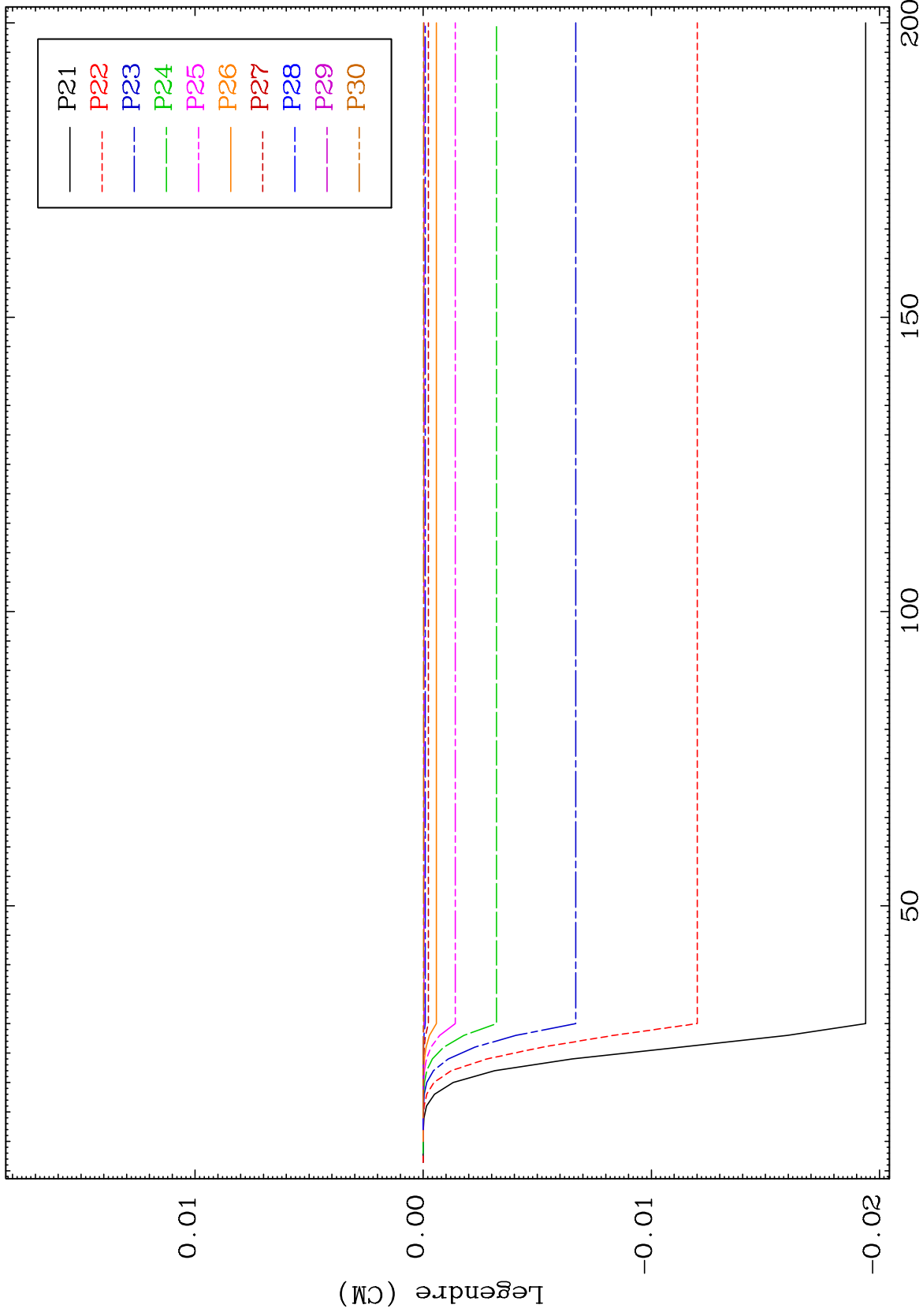
77-Ir-192



77-Ir-192

Incident Energy (MeV)

28

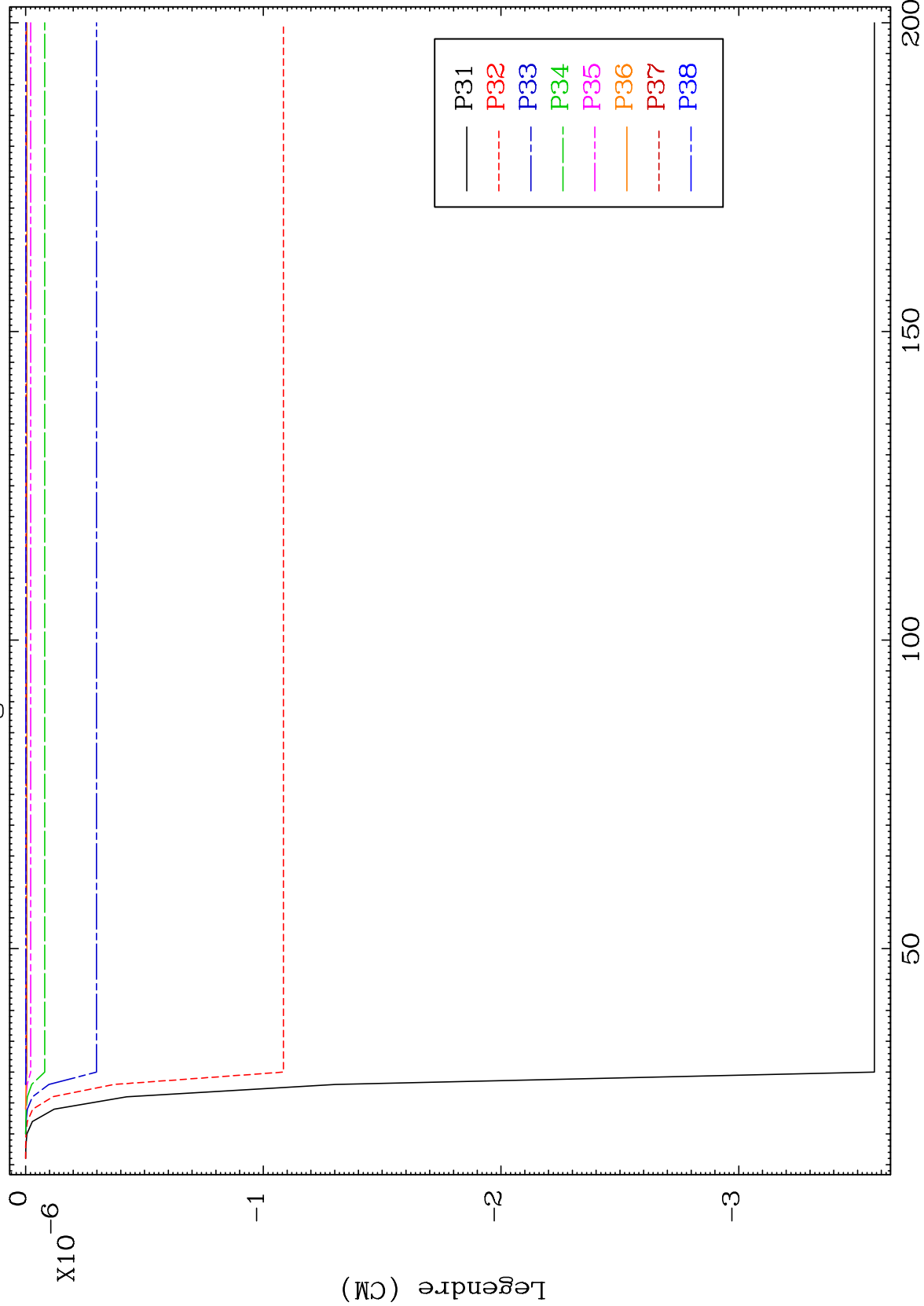


MAT 7728

MT= 53 (n,n') Level

77-Ir-192

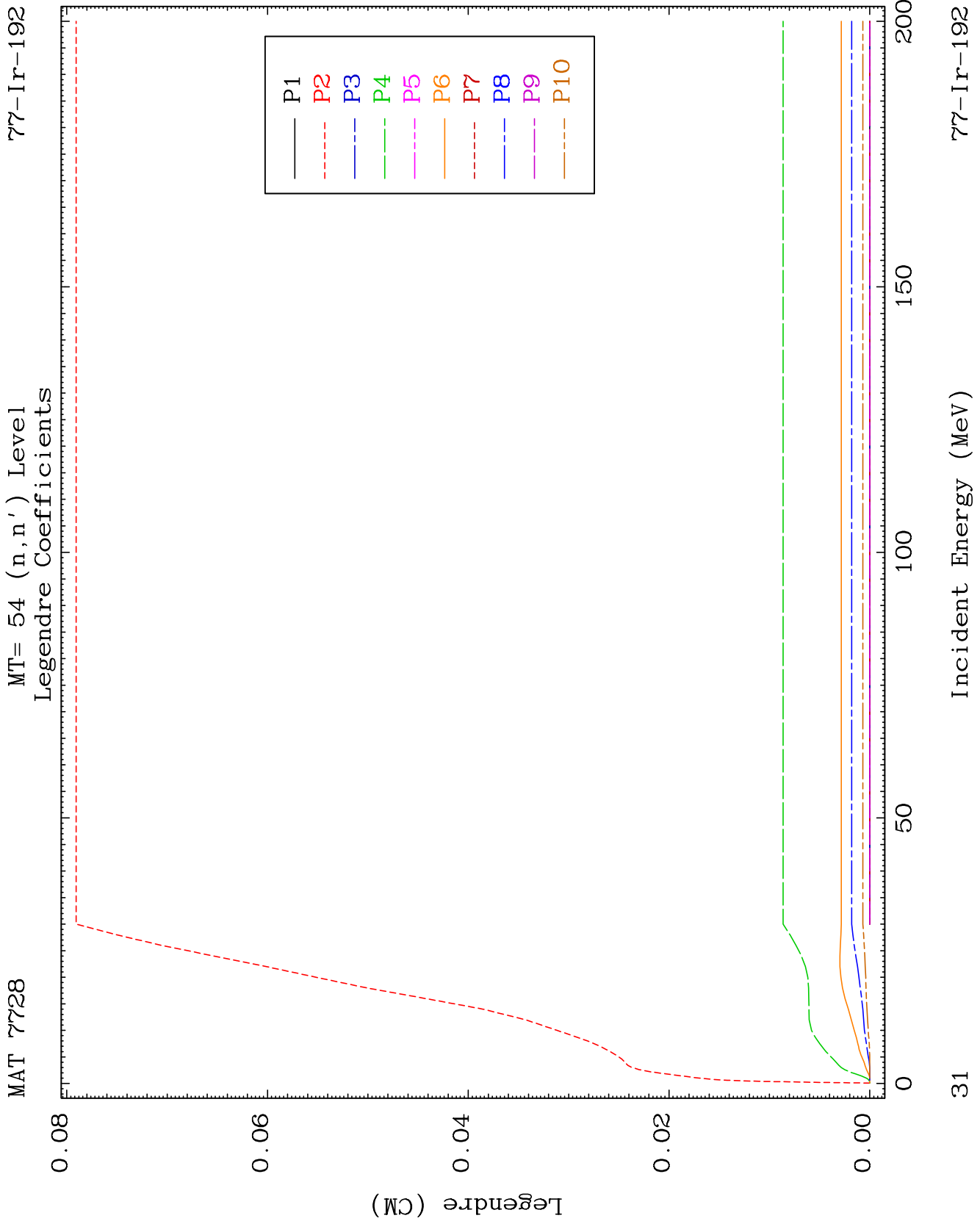
Legendre Coefficients



30

Incident Energy (MeV)

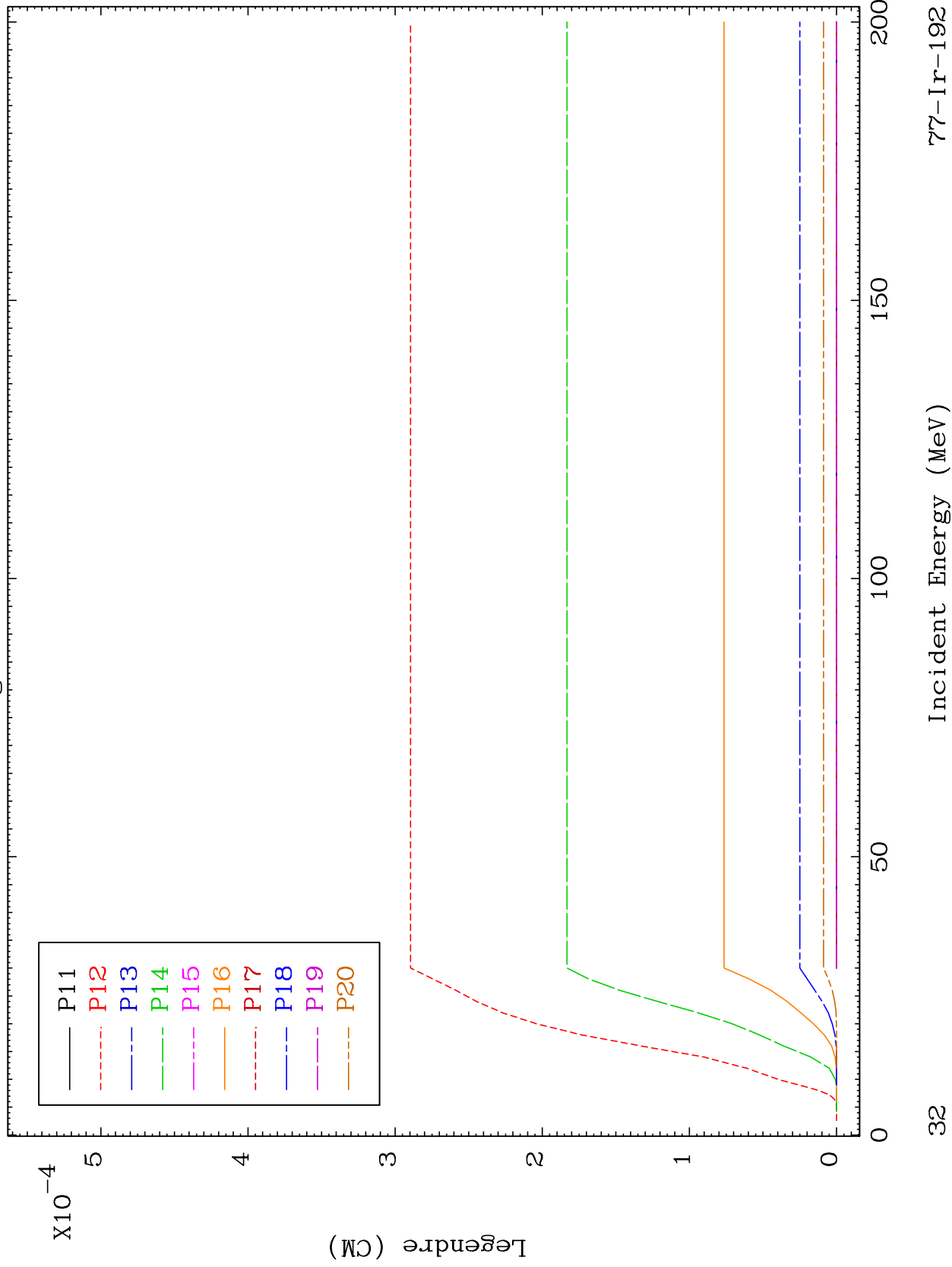
77-Ir-192



MAT 7728

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

77-Ir-192



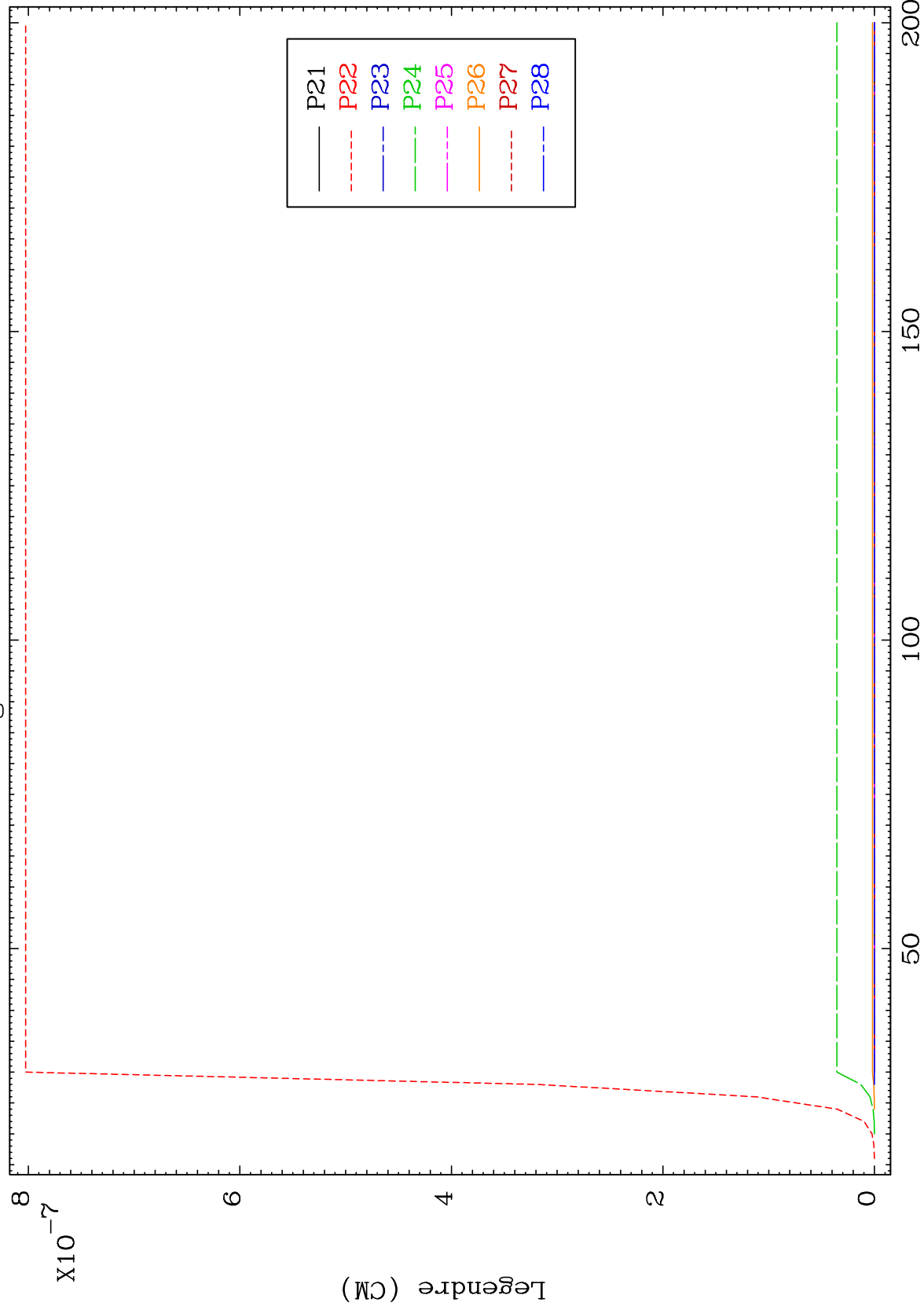
32

77-Ir-192

MAT 7728

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

77-Ir-192



33

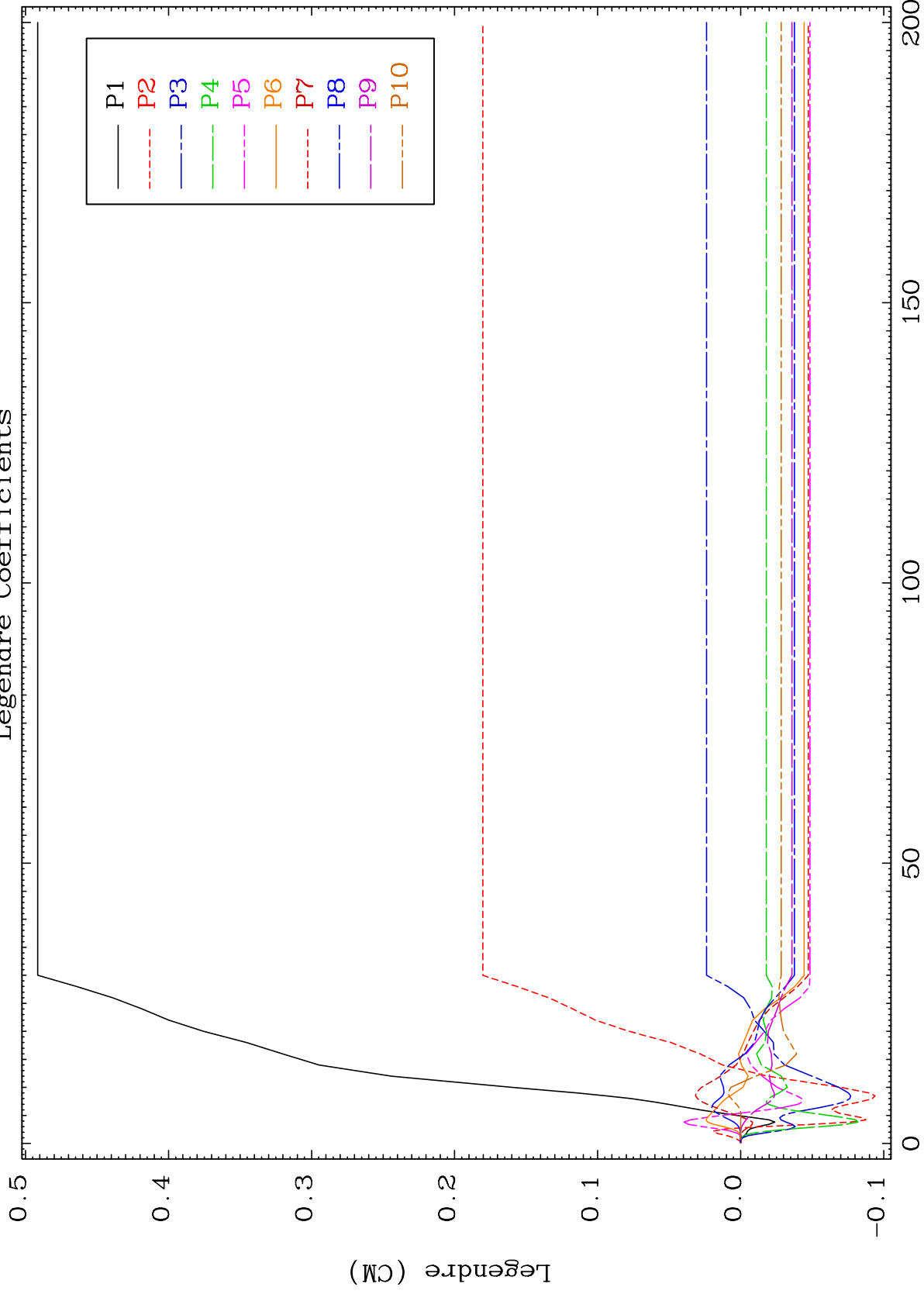
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

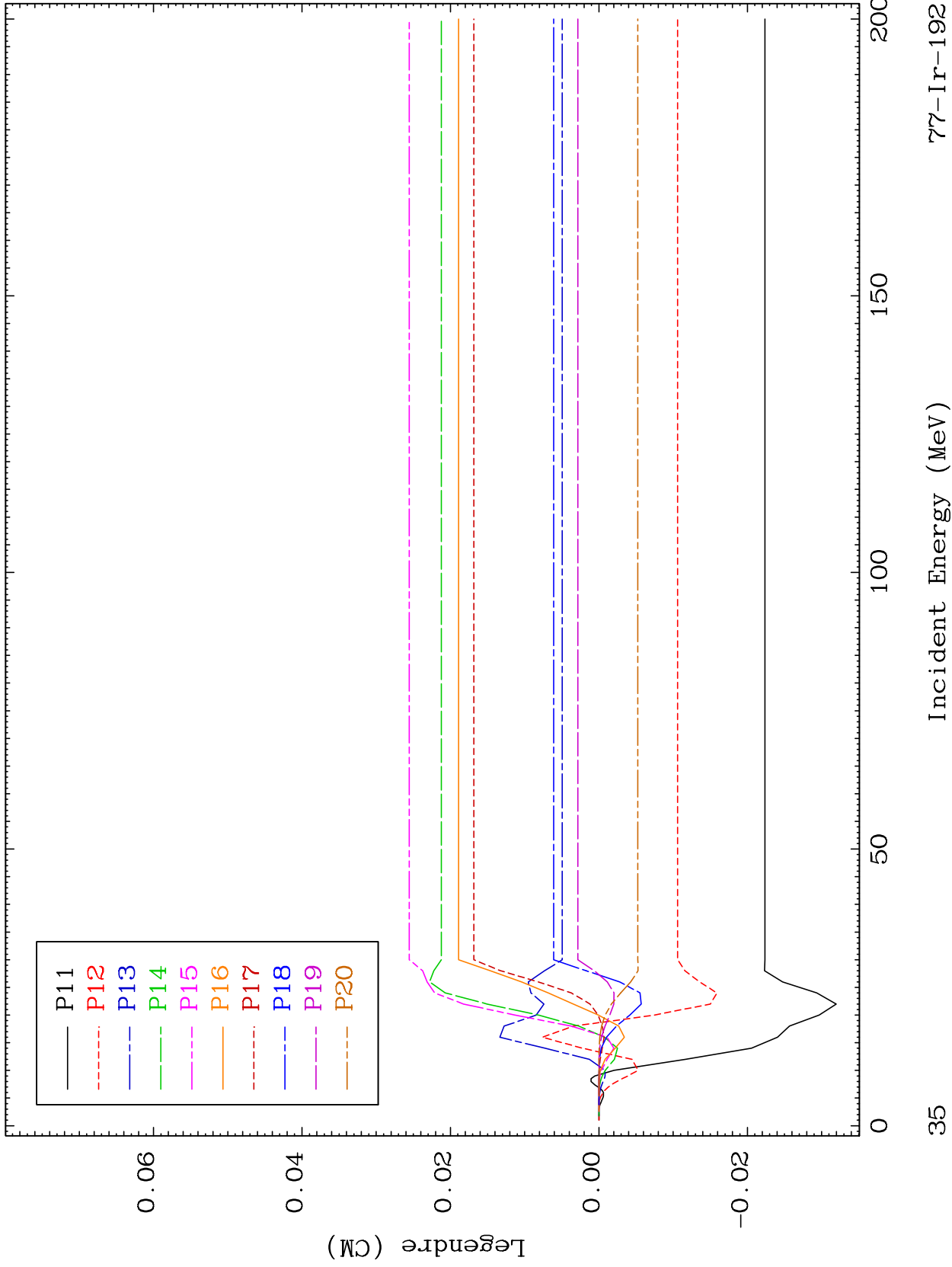
Incident Energy (MeV)

34

MAT 7728

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

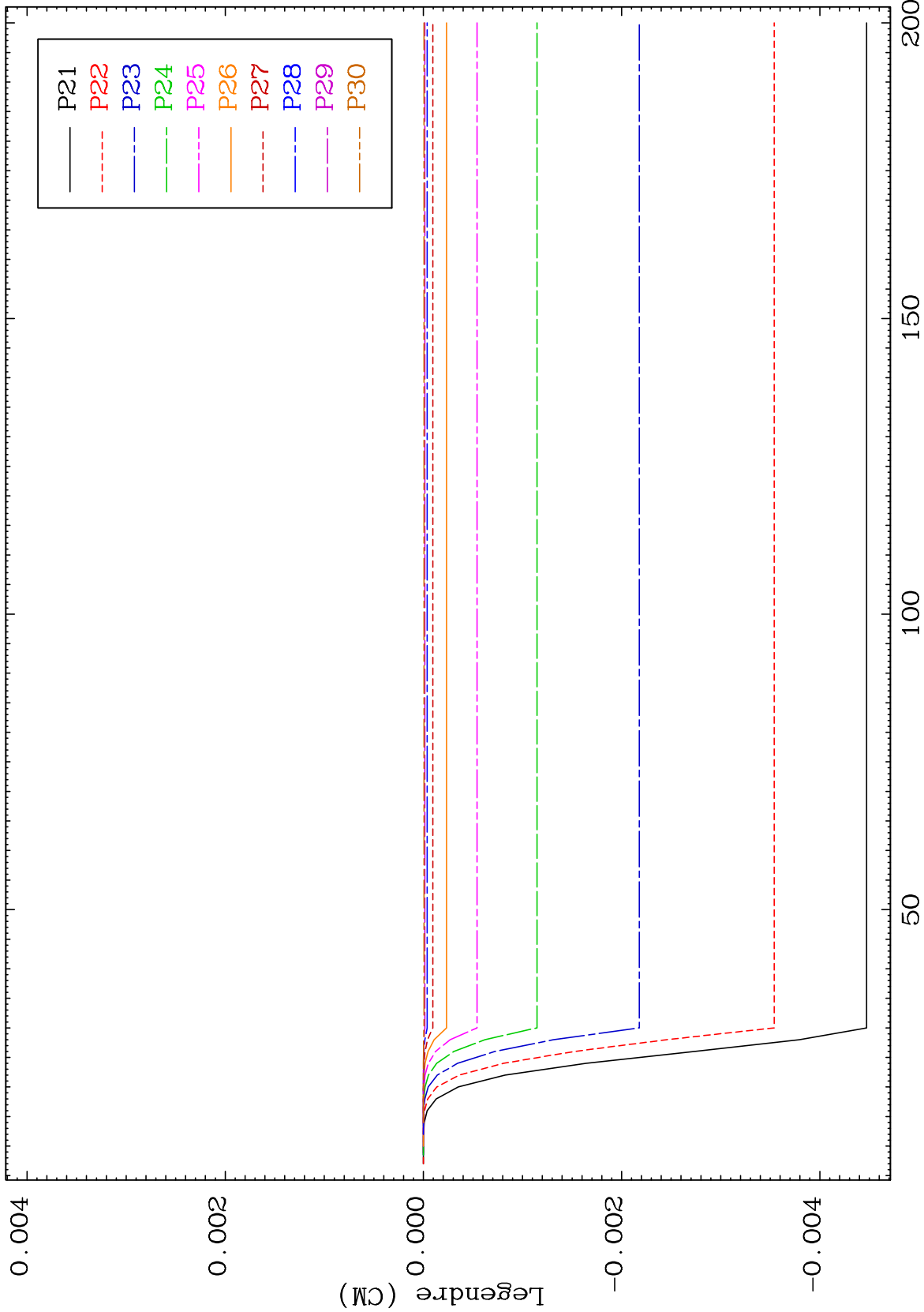
77-Ir-192



35

Incident Energy (MeV)

77-Ir-192

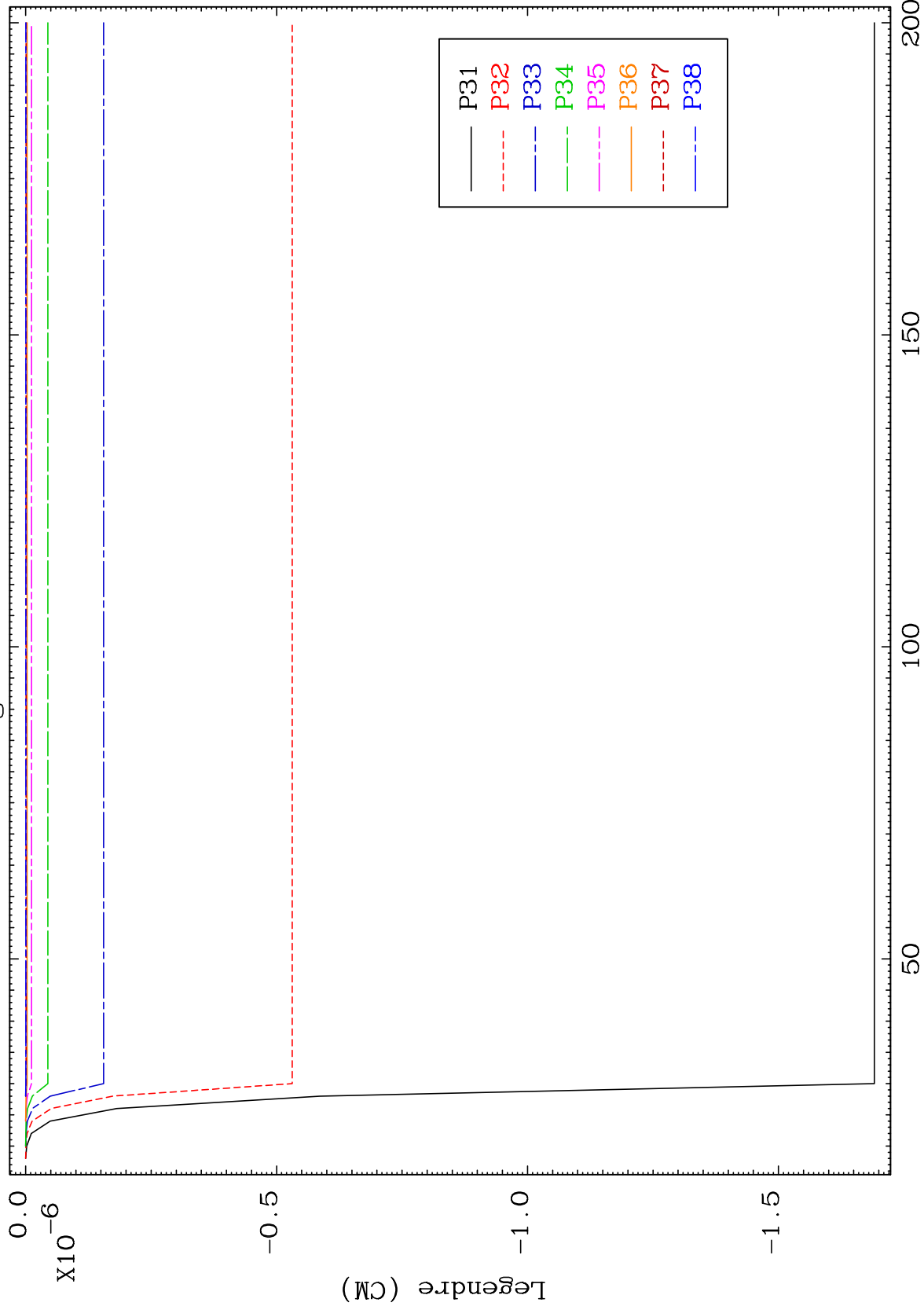


MAT 7728

MT= 55 (n,n') Level

77-Ir-192

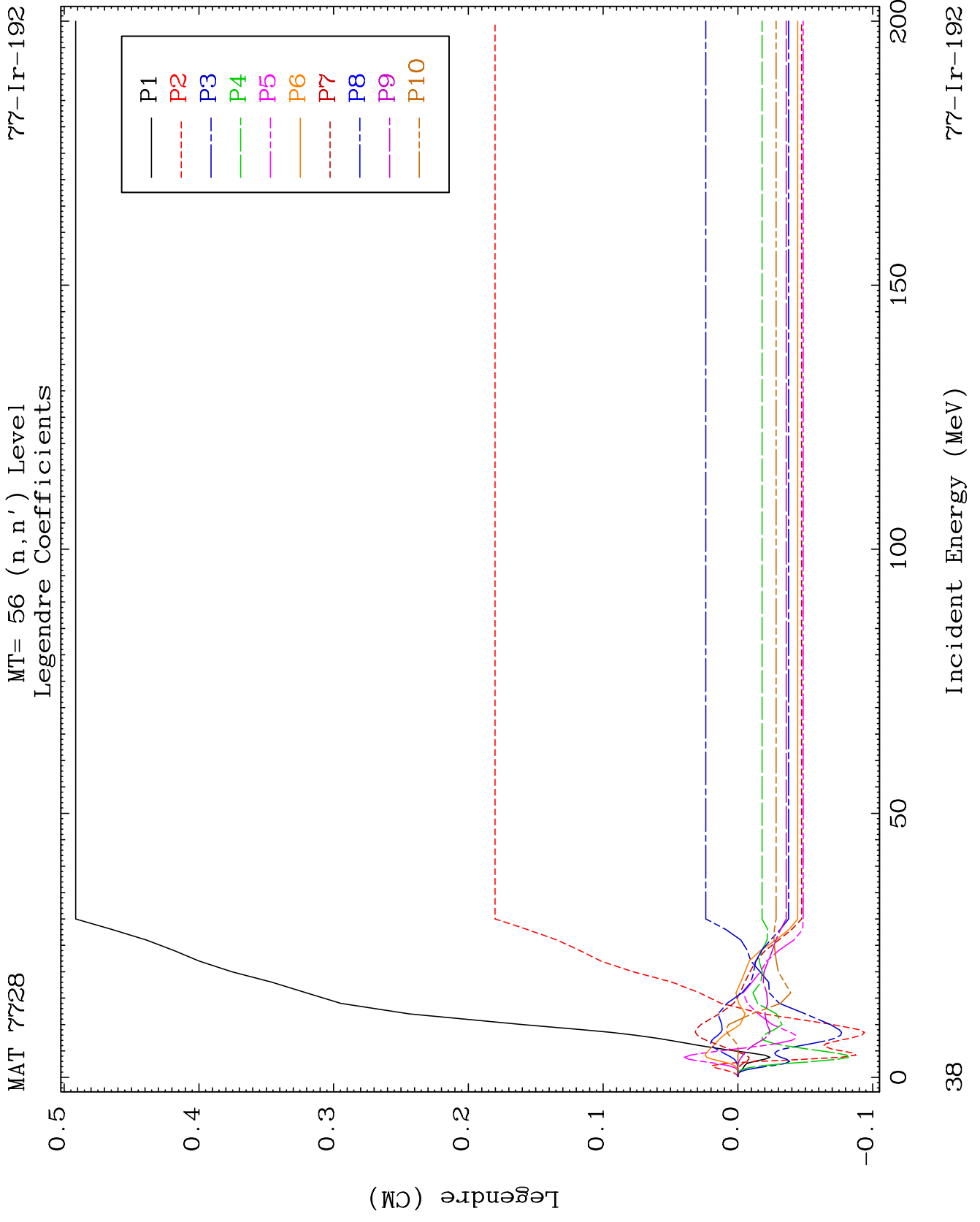
Legendre Coefficients



37

Incident Energy (MeV)

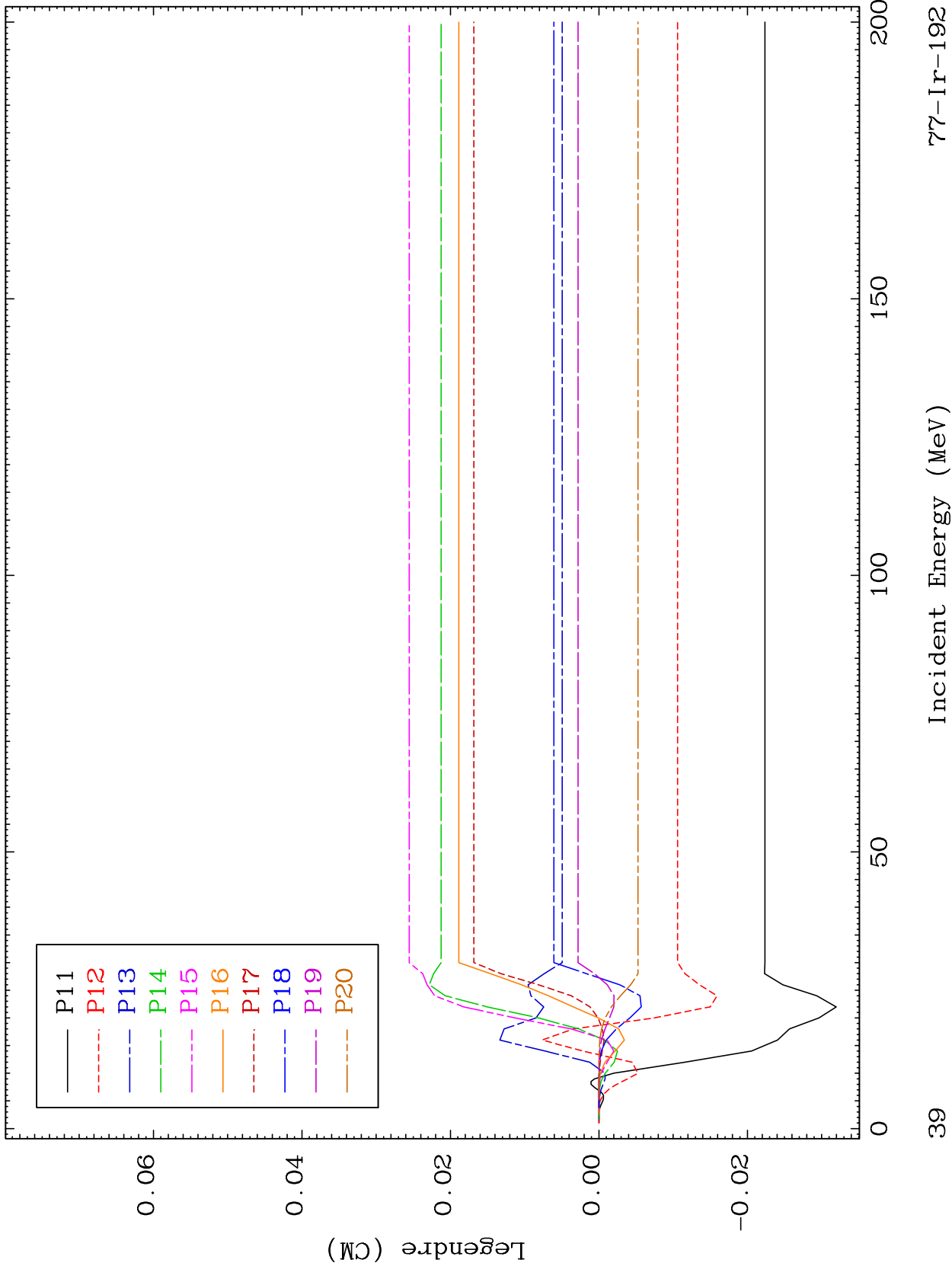
77-Ir-192



MAT 7728

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

77-Ir-192



39

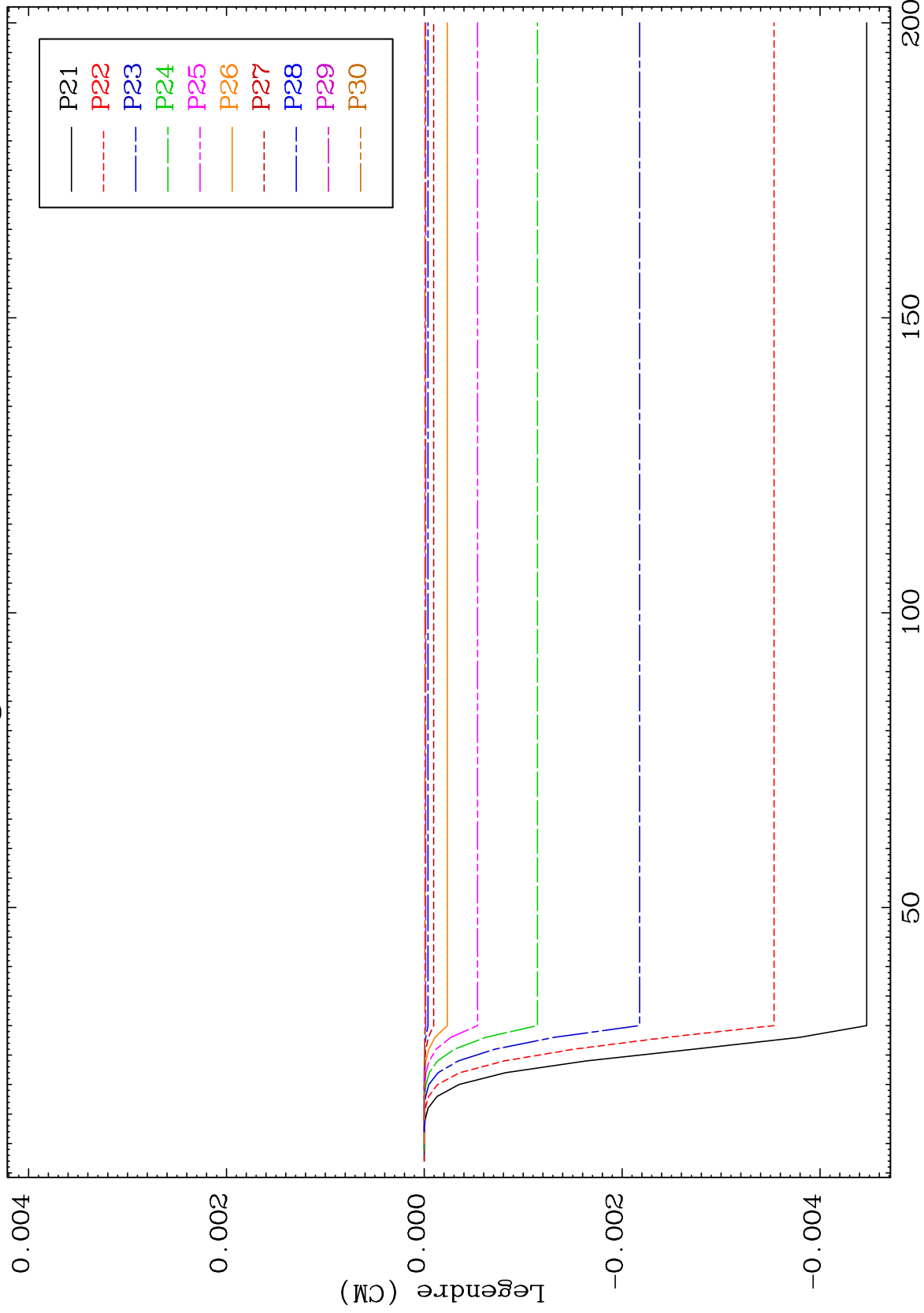
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



40

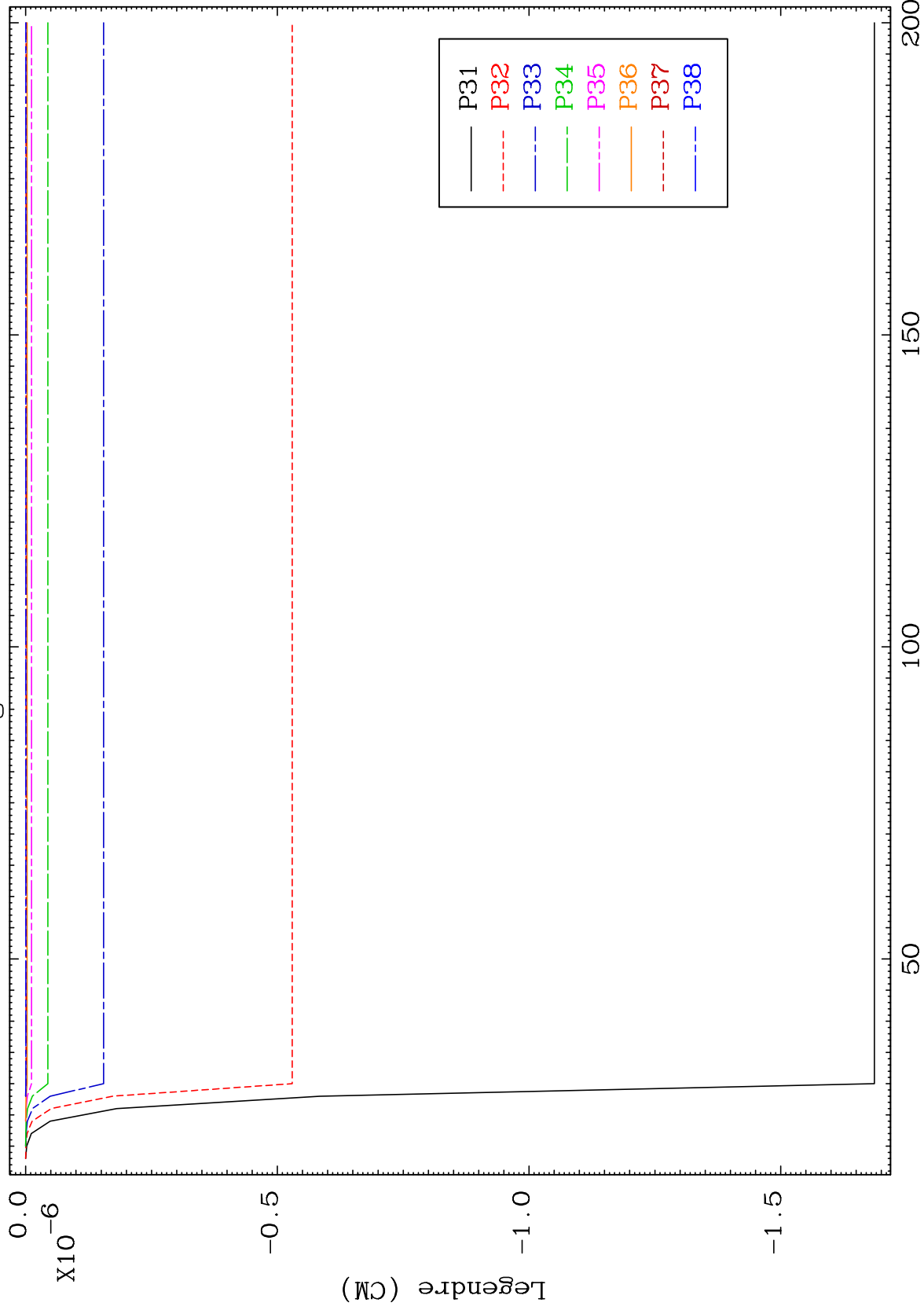
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

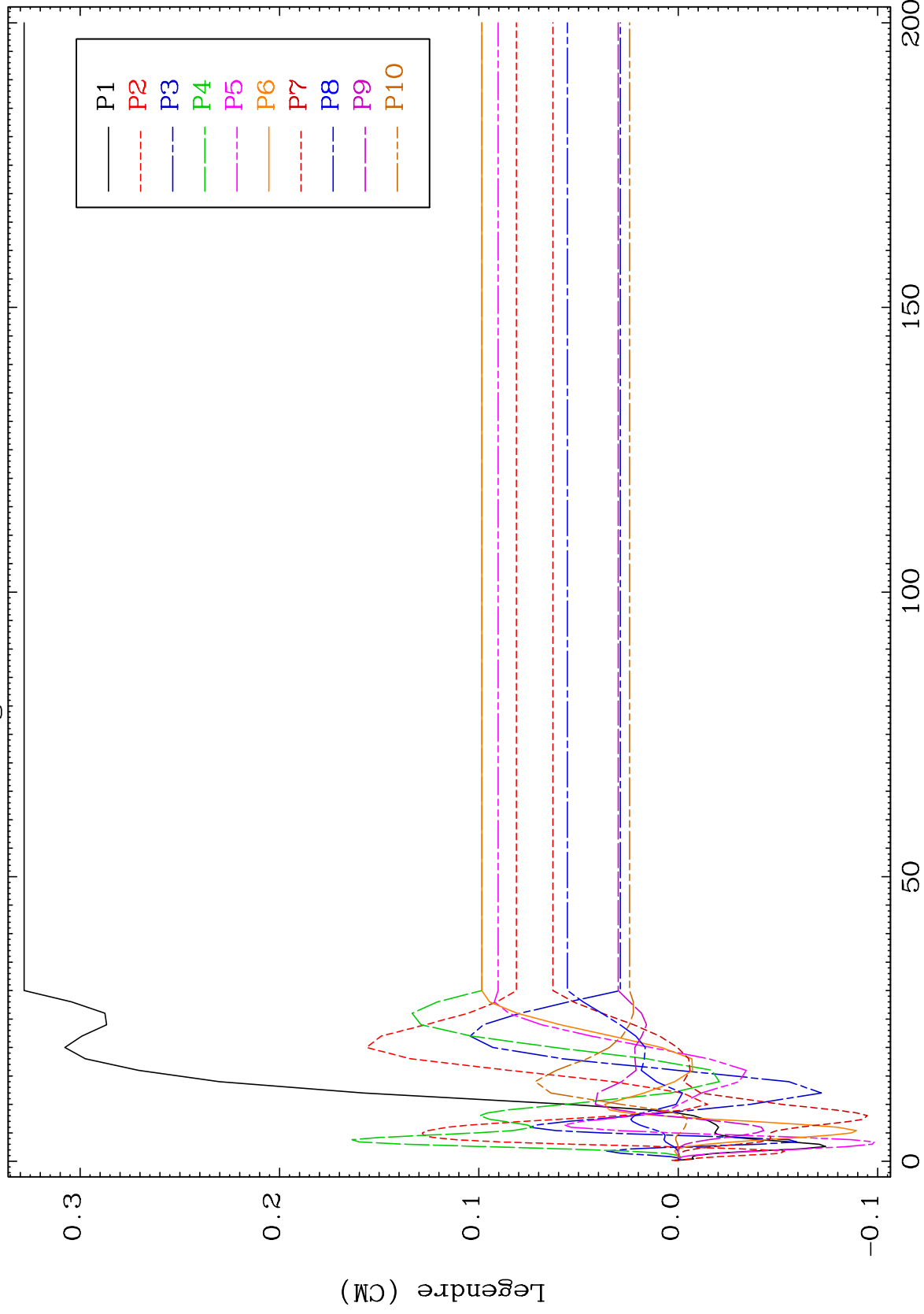
77-Ir-192



MAT 7728

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

77-Ir-192



77-Ir-192

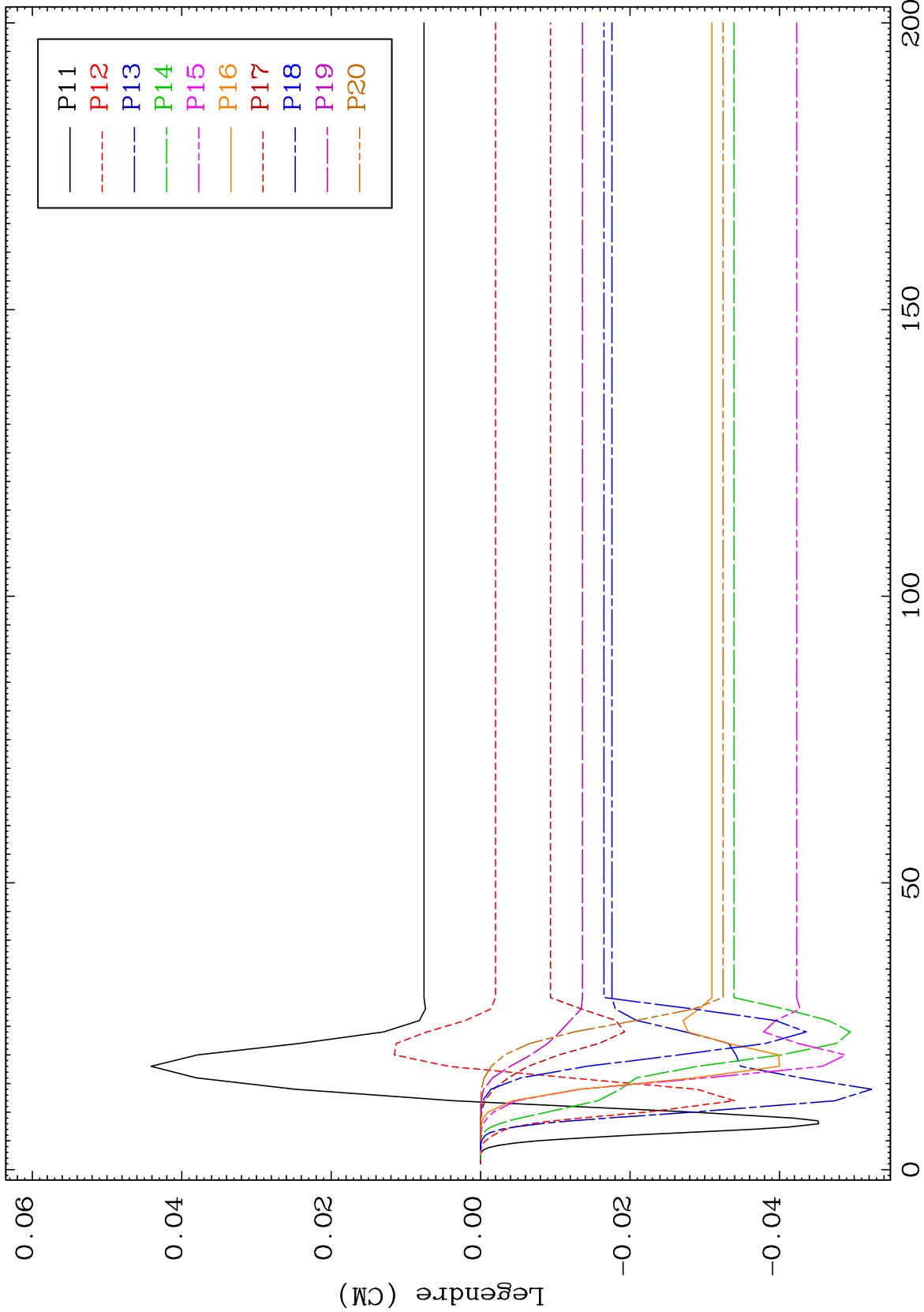
Incident Energy (MeV)

42

MAT 7728

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

77-Ir-192



43

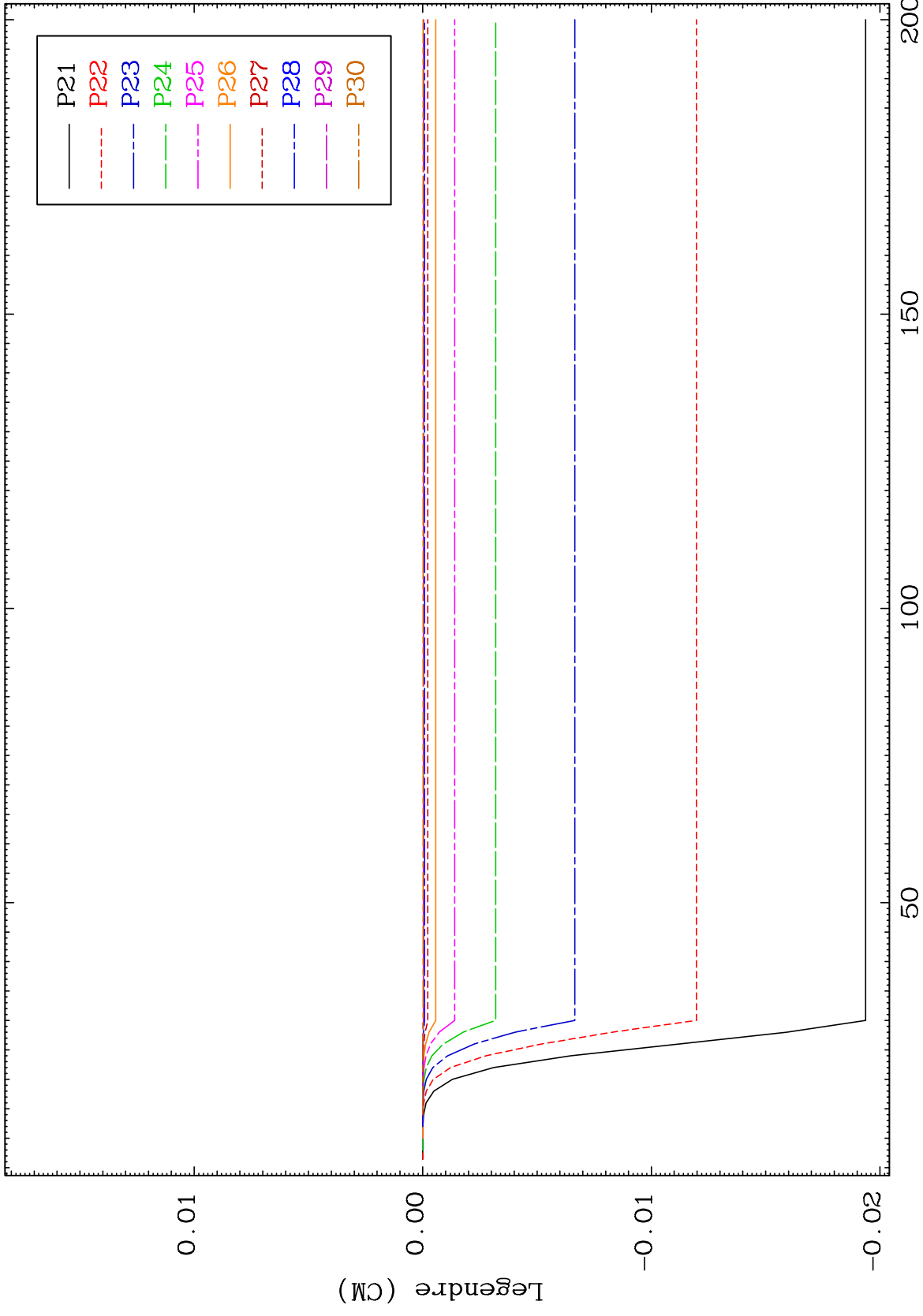
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



44

Incident Energy (MeV)

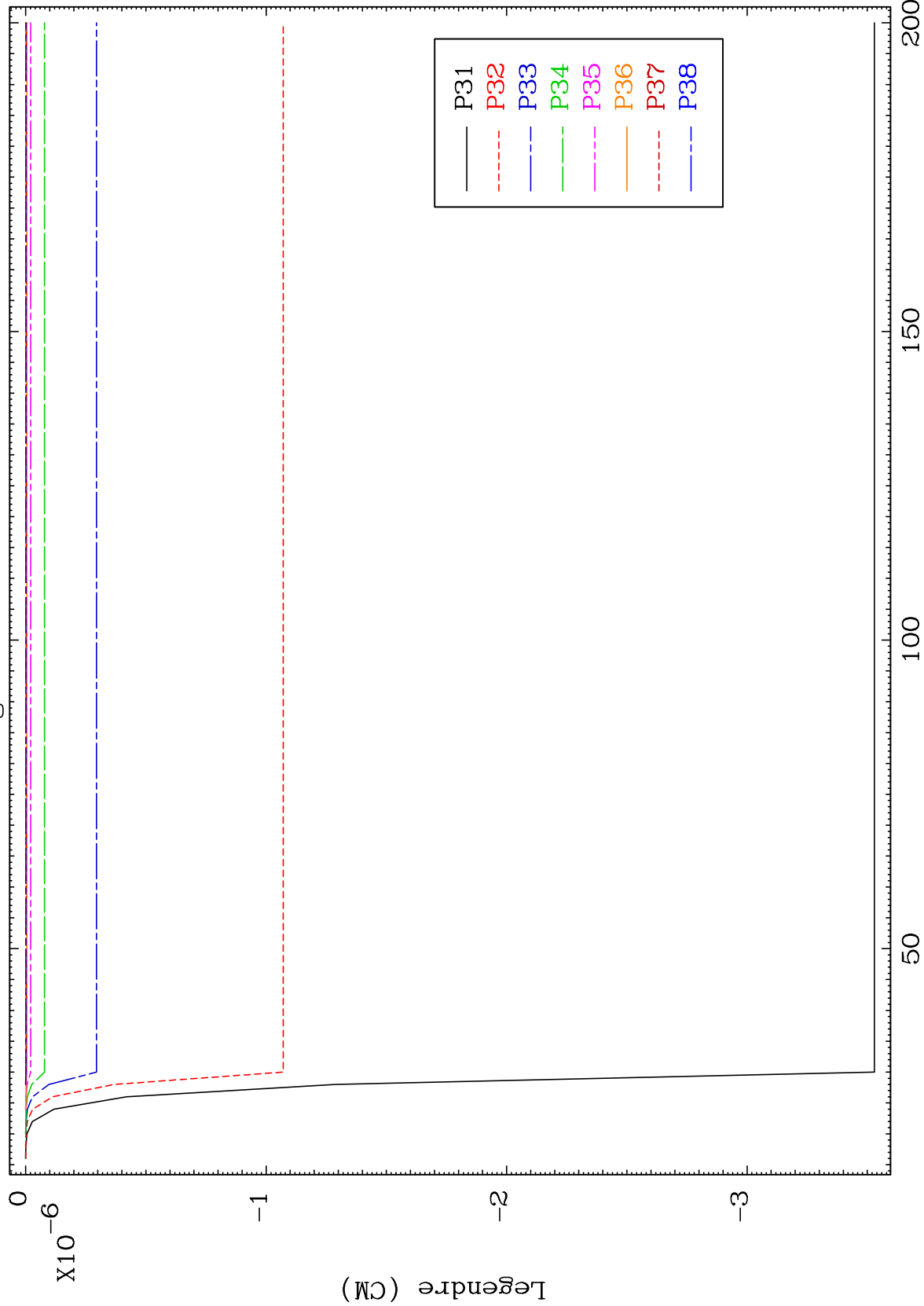
77-Ir-192

MAT 7728

MT= 57 (n,n') Level

77-Ir-192

Legendre Coefficients



45

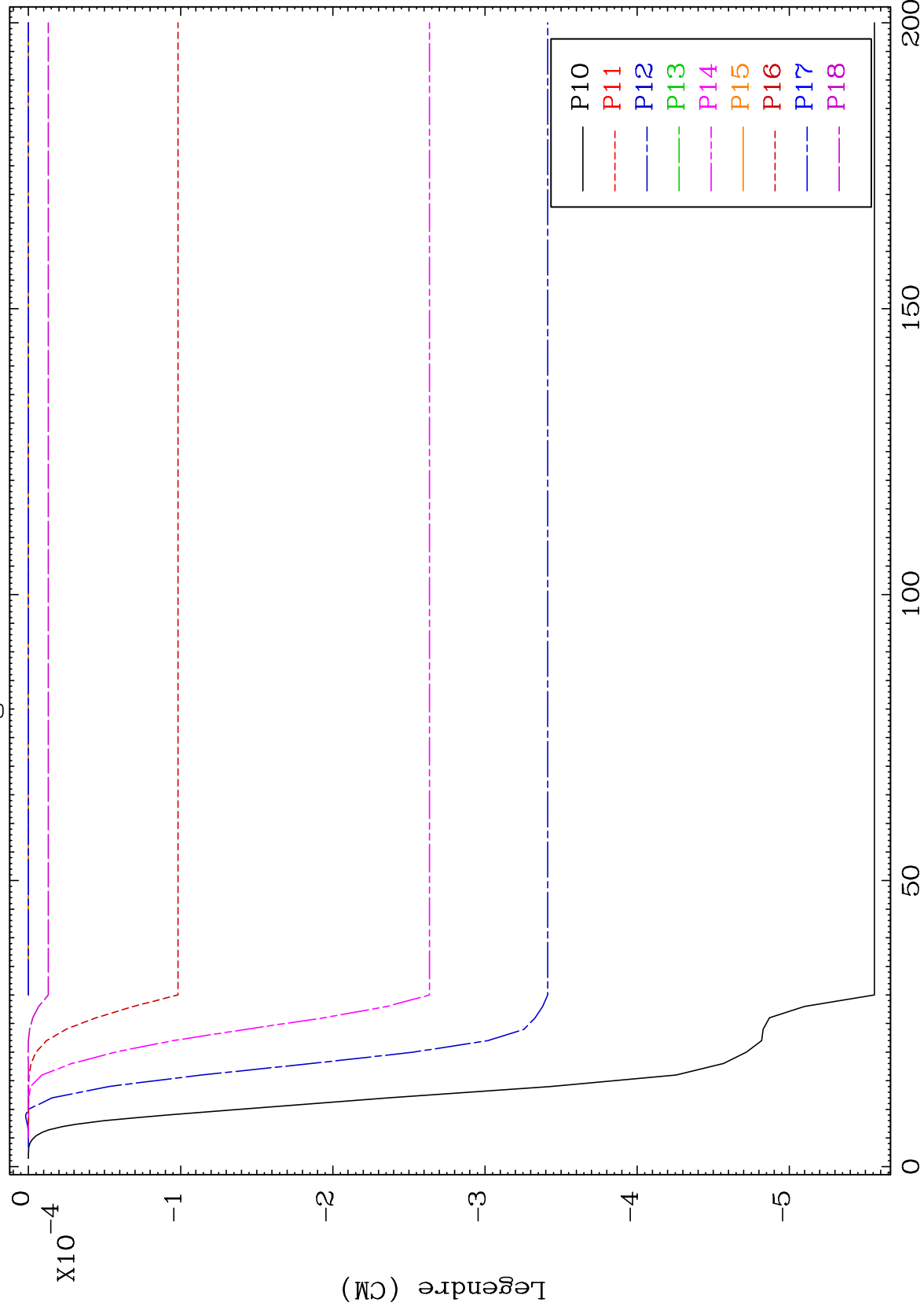
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



47

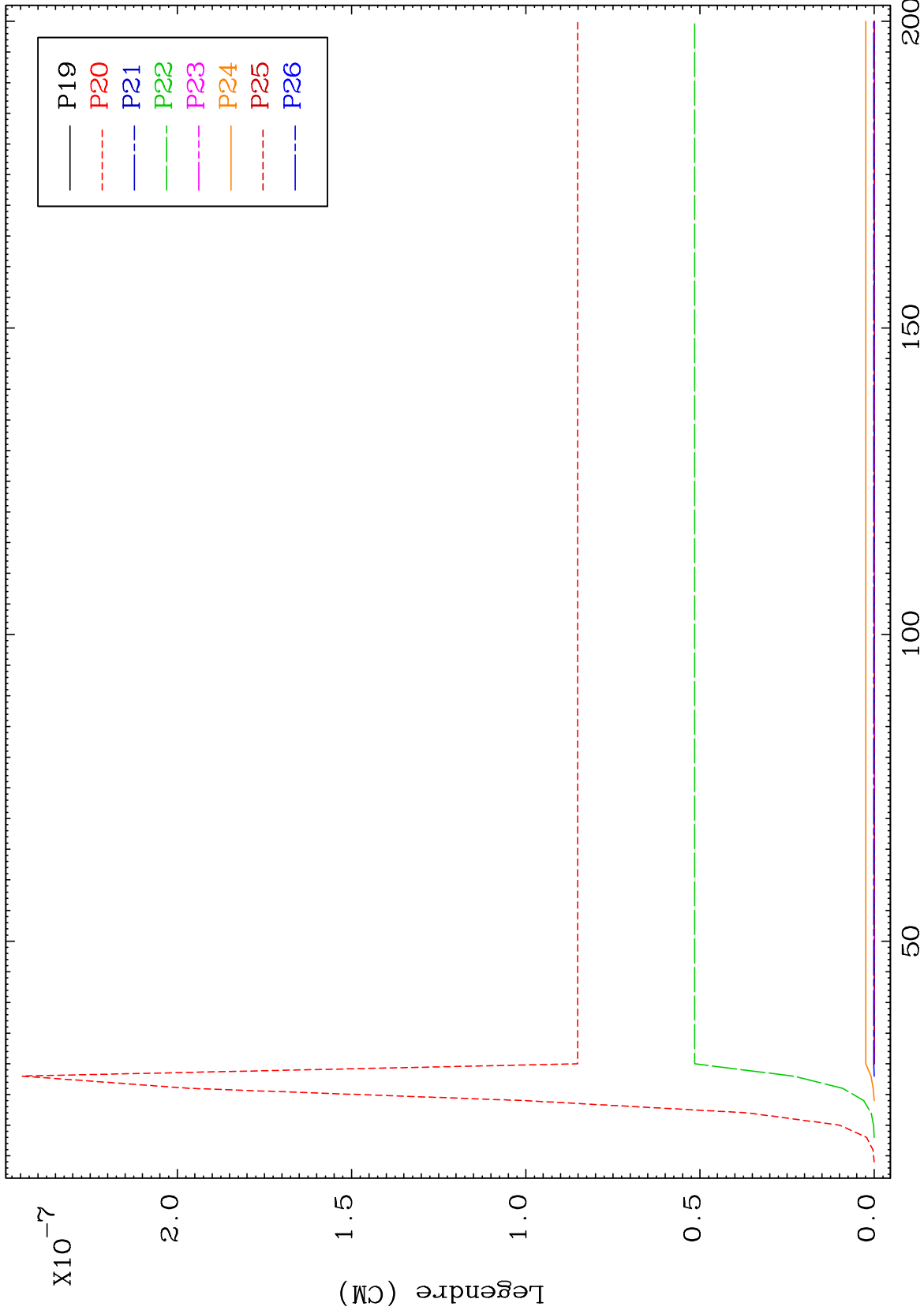
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



48

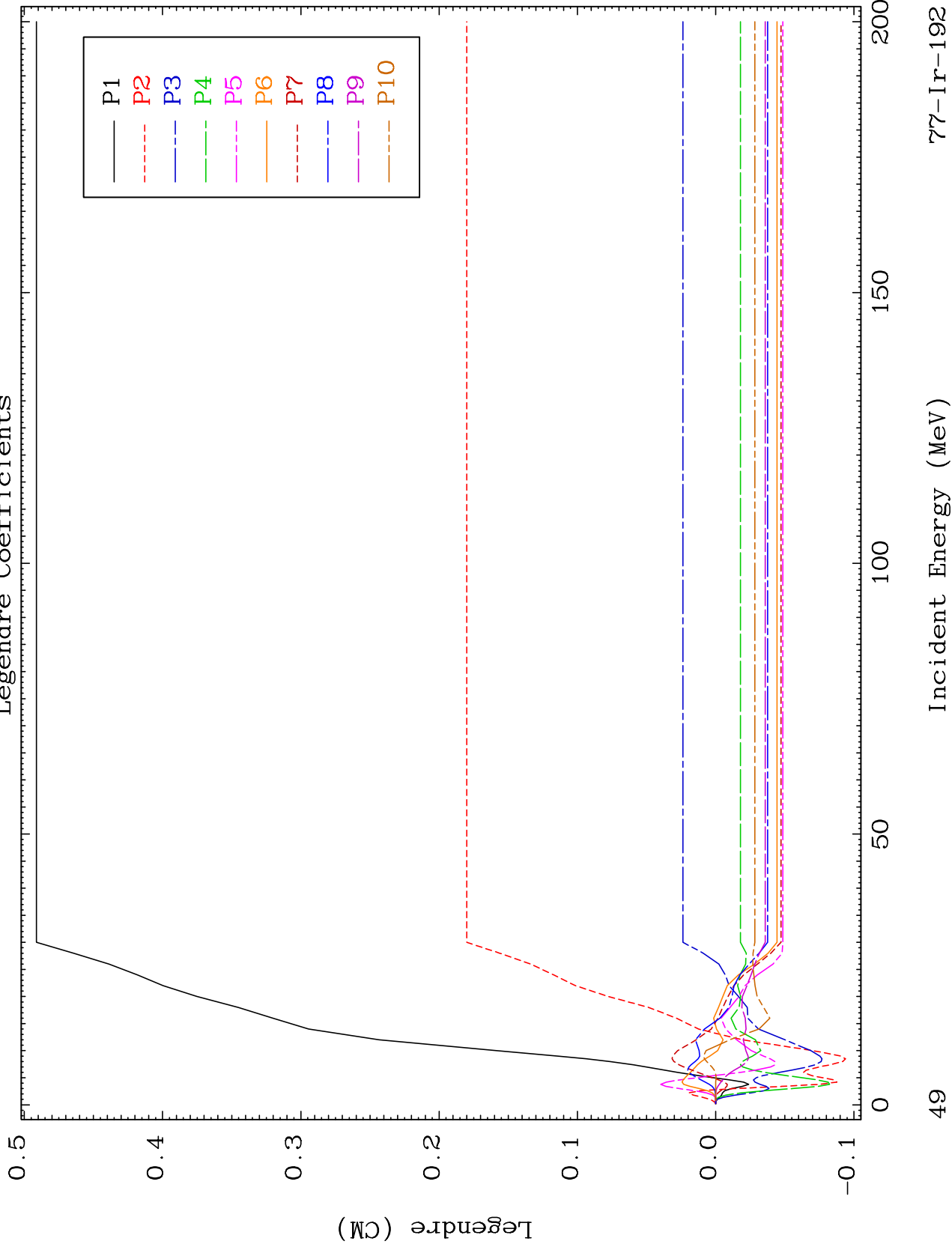
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

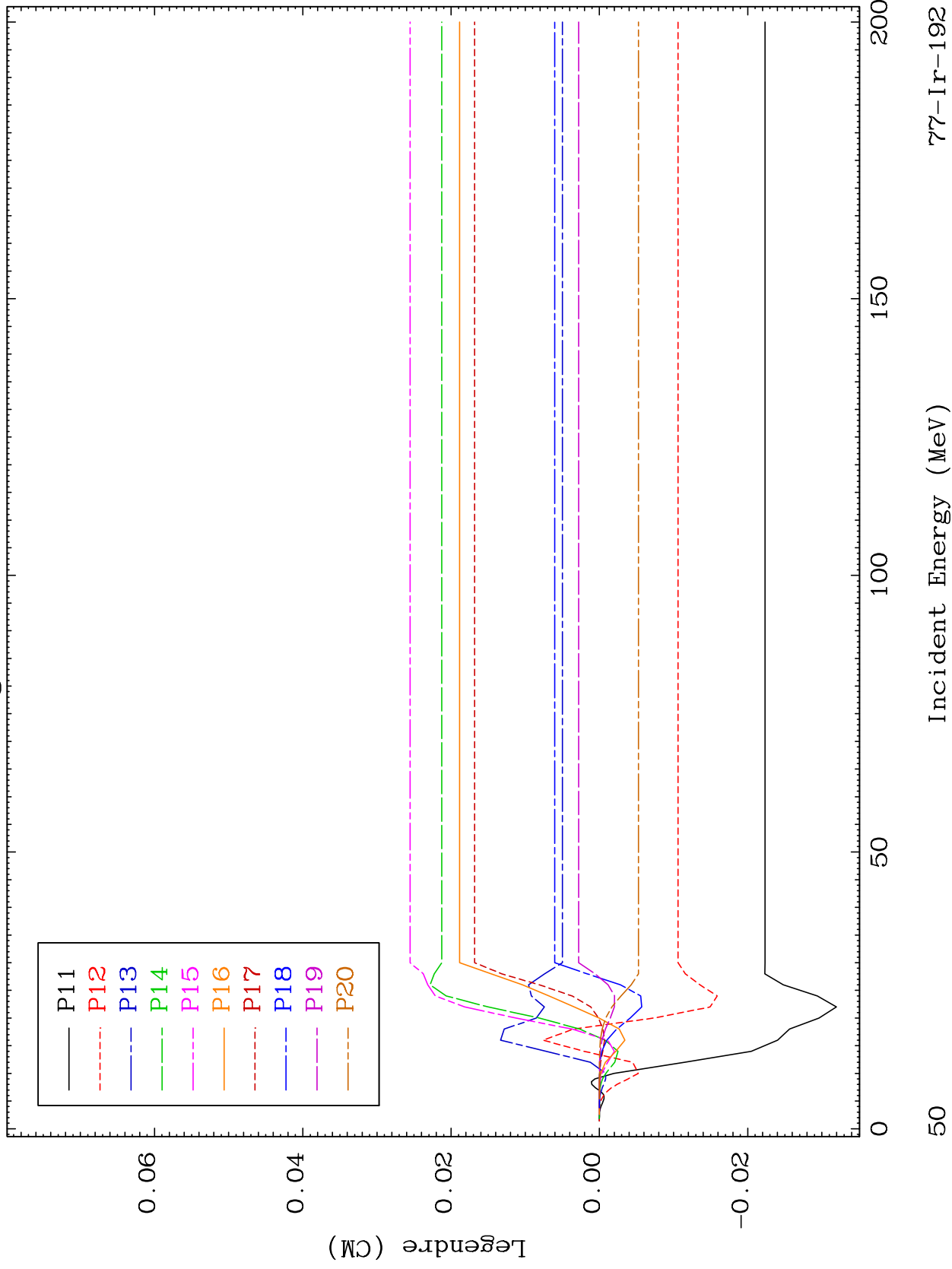
Incident Energy (MeV)

49

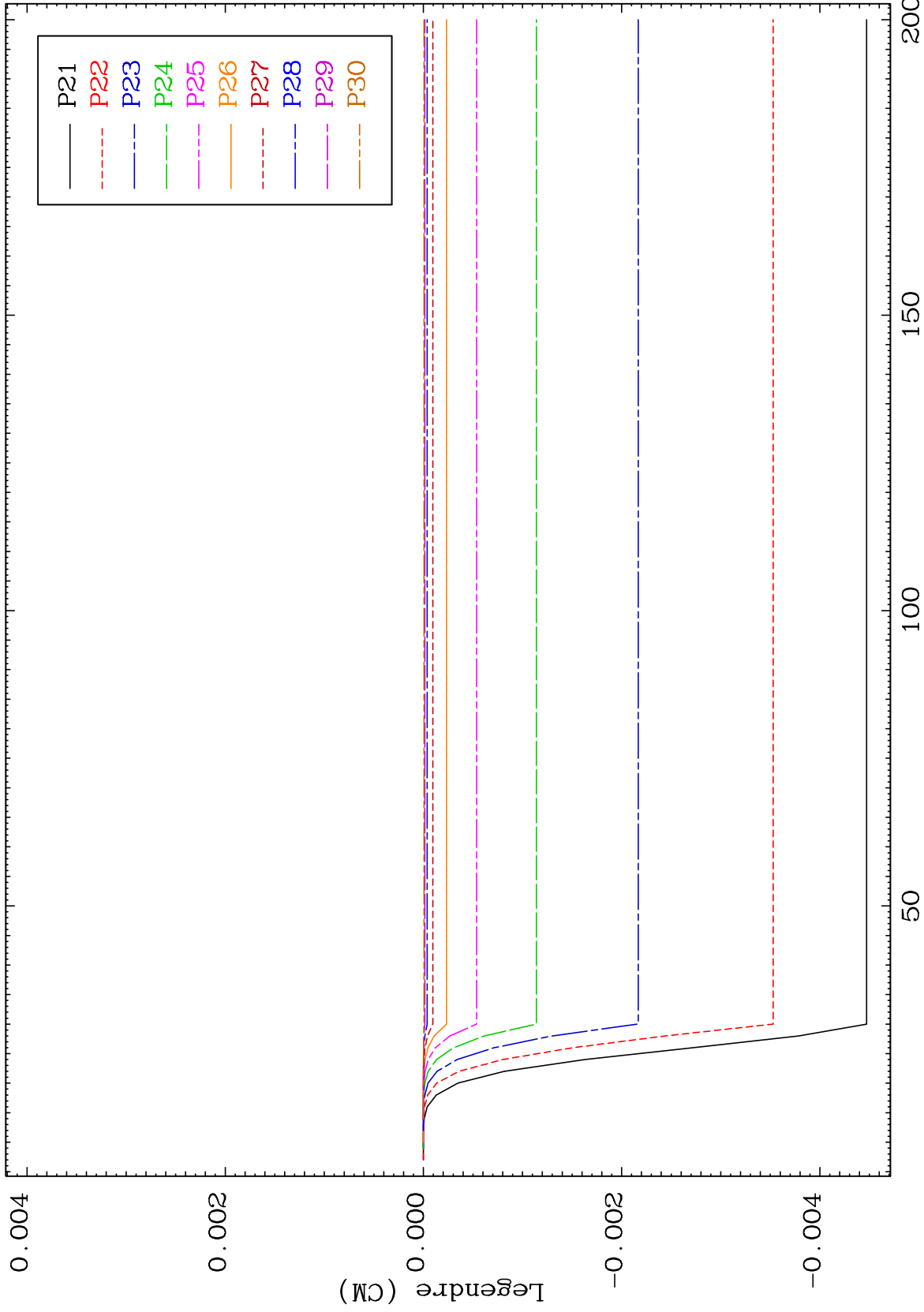
MAT 7728

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

77-Ir-192



77-Ir-192

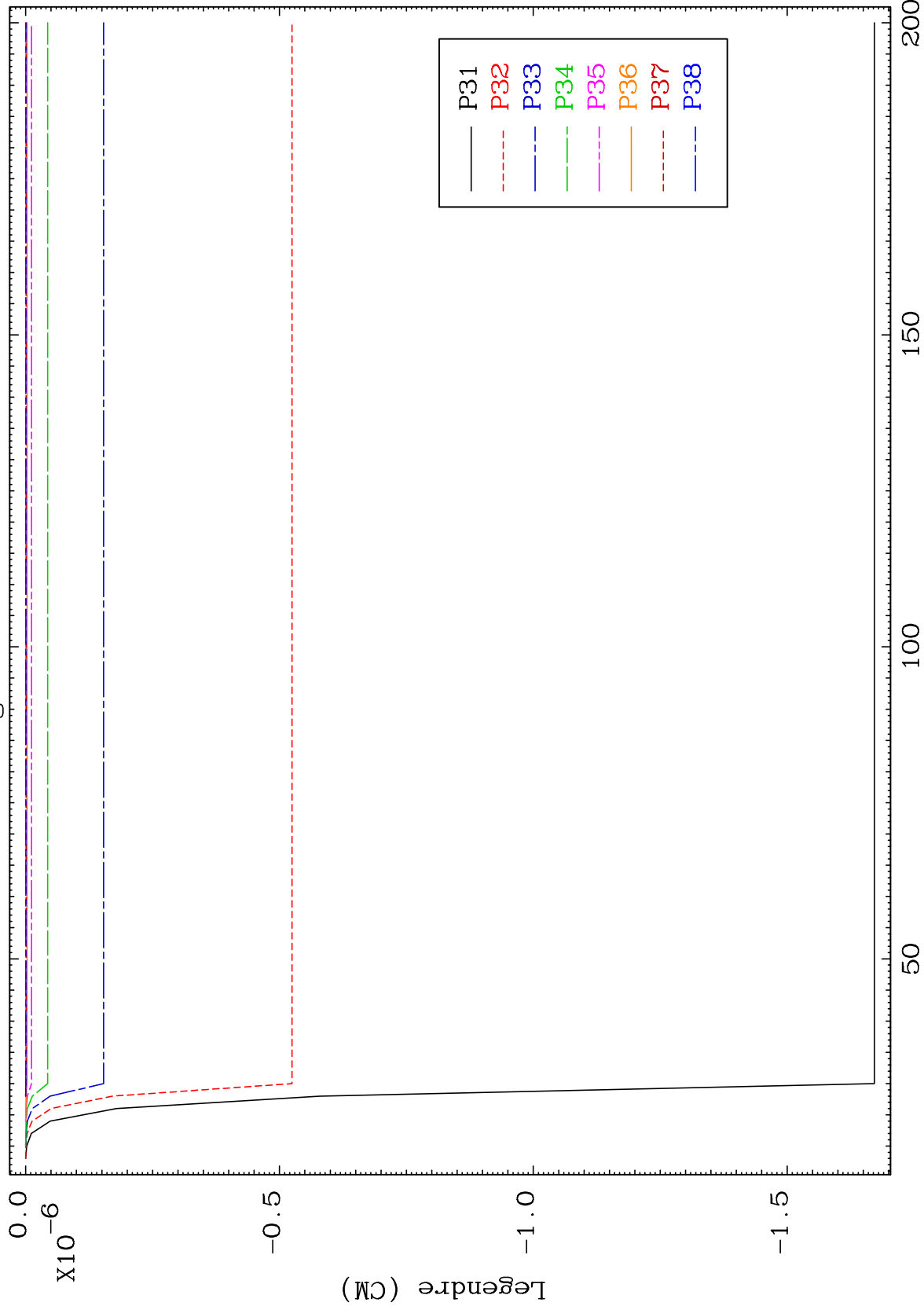


MAT 7728

MT= 59 (n,n') Level

77-Ir-192

Legendre Coefficients



52

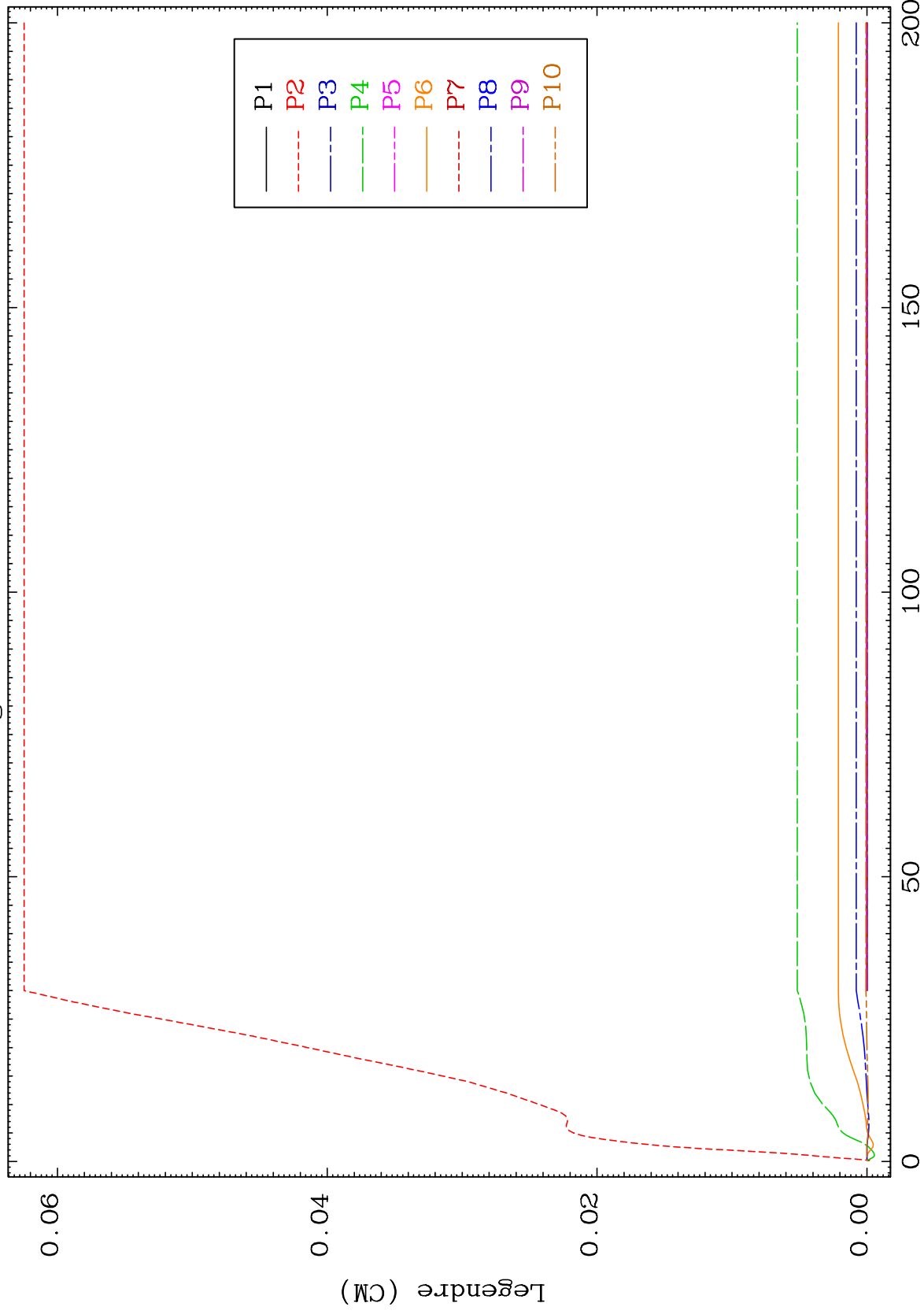
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

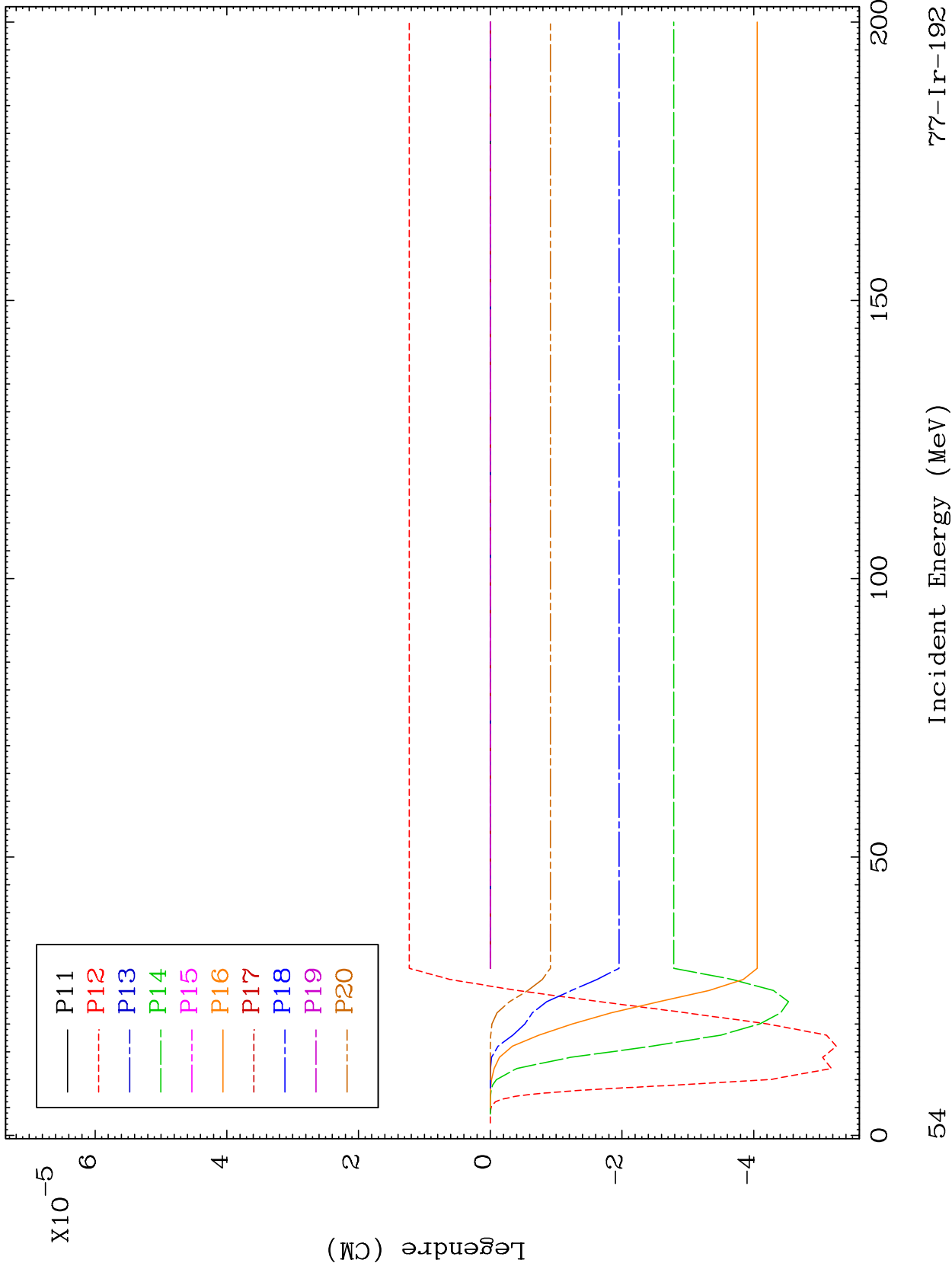
77-Ir-192

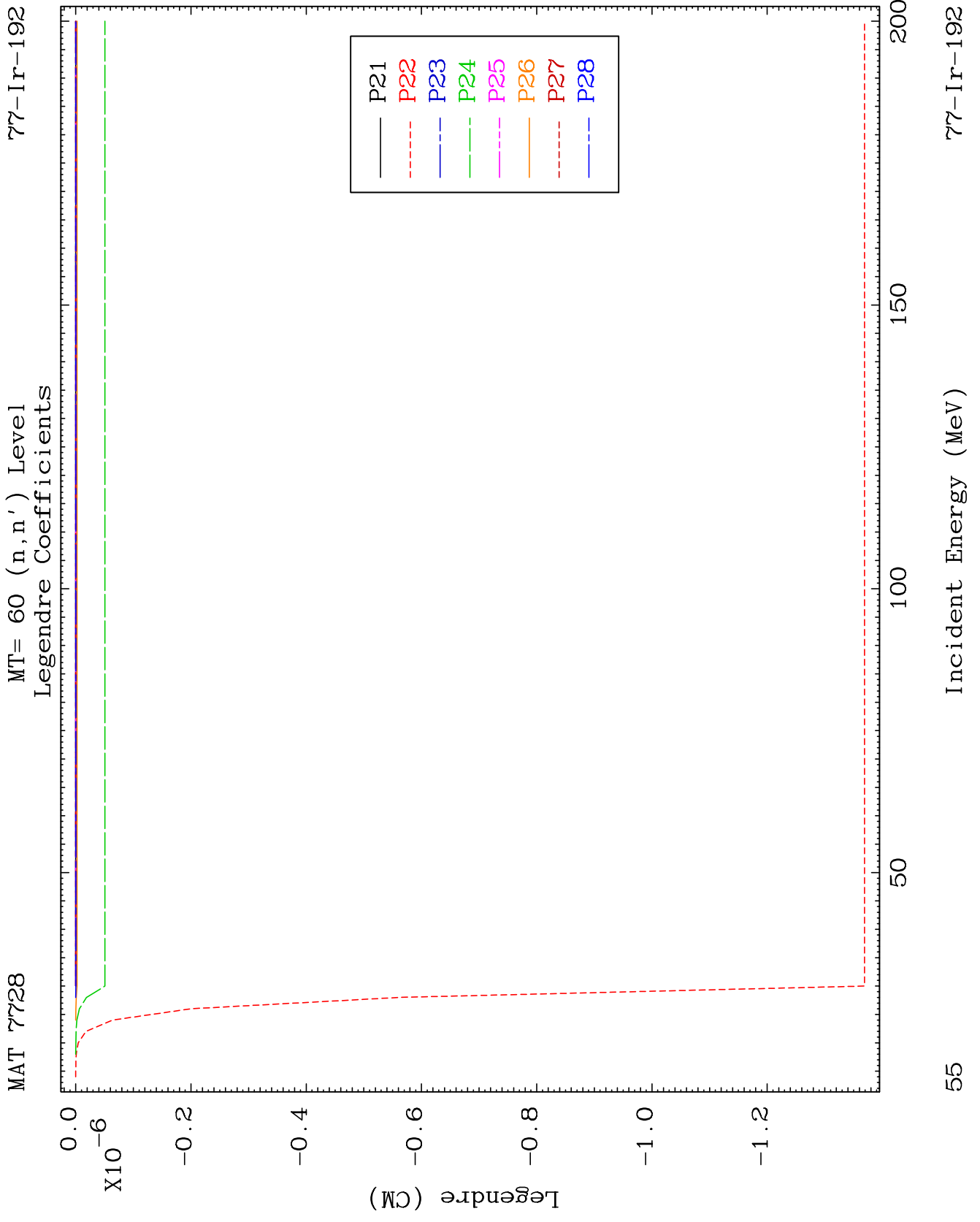


53

Incident Energy (MeV)

77-Ir-192

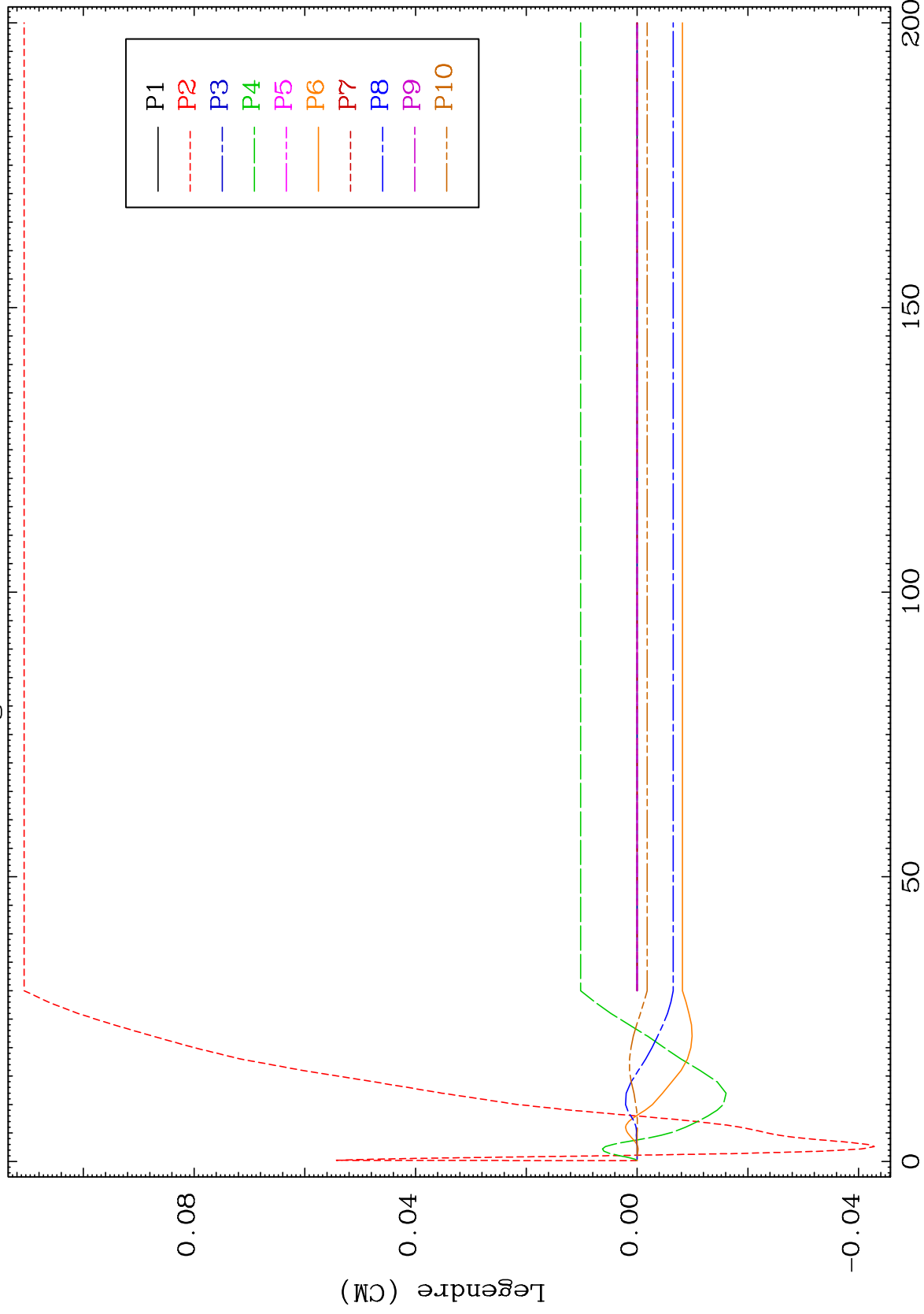




MAT 7728

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

77-Ir-192



56

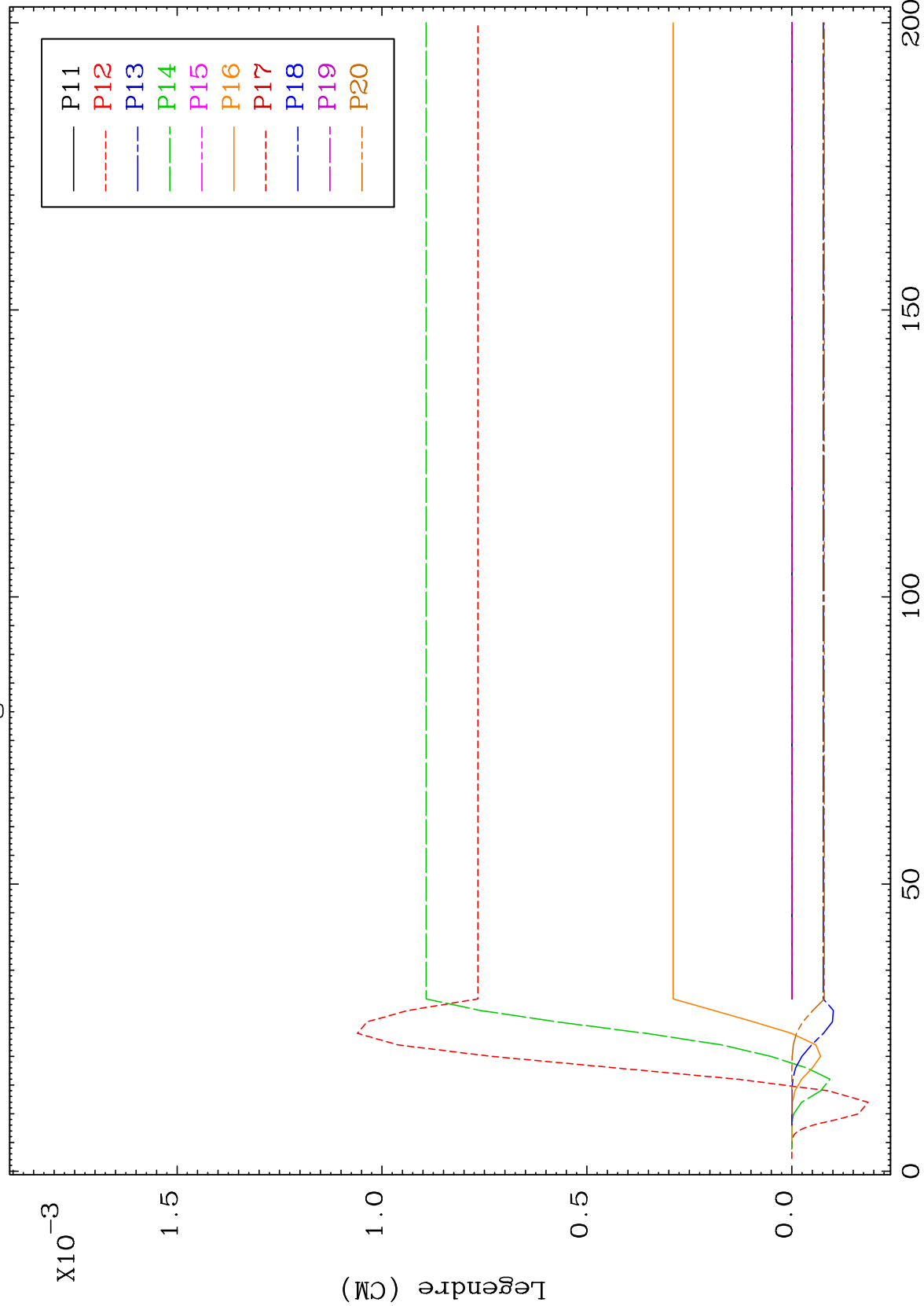
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

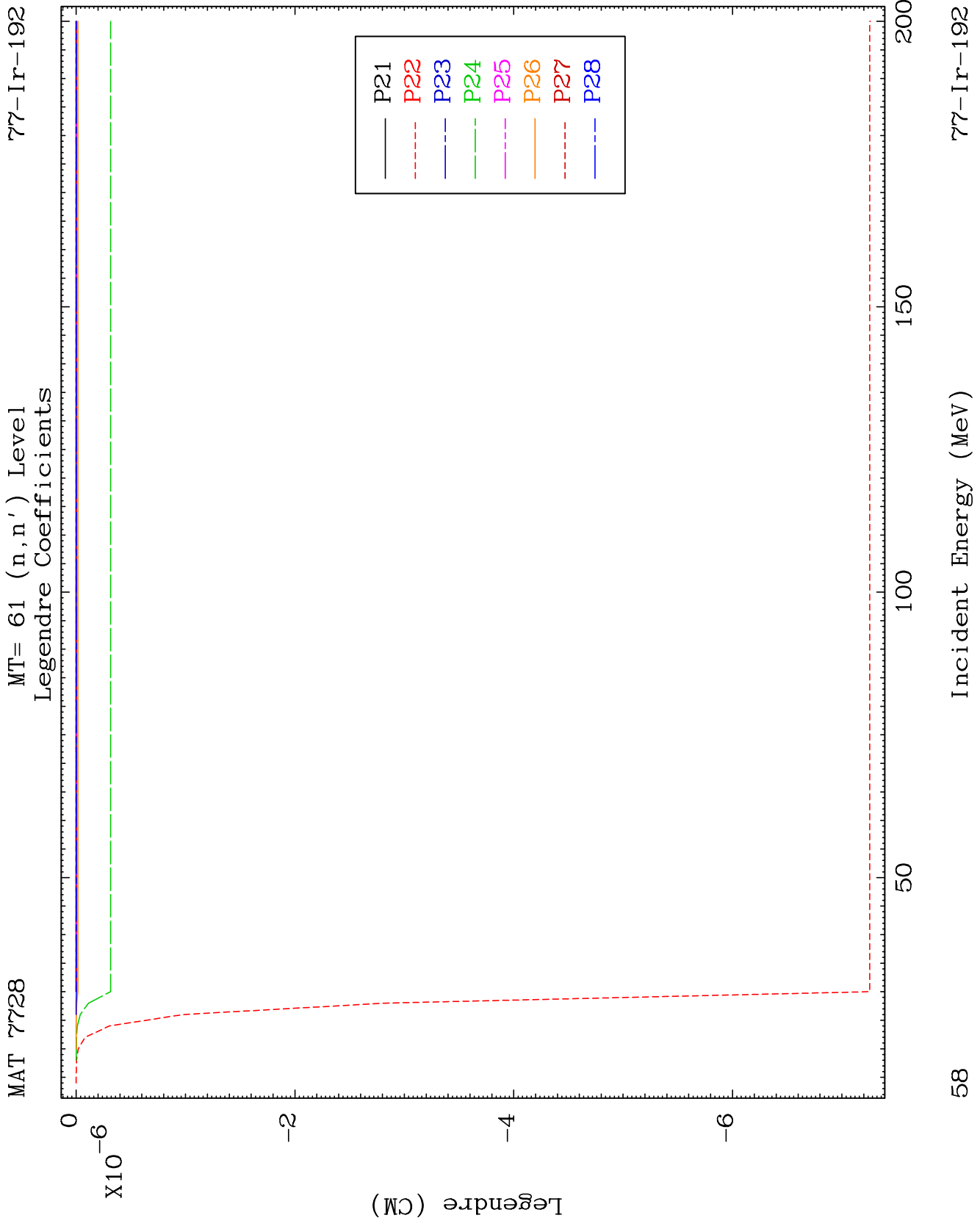
77-Ir-192



57

Incident Energy (MeV)

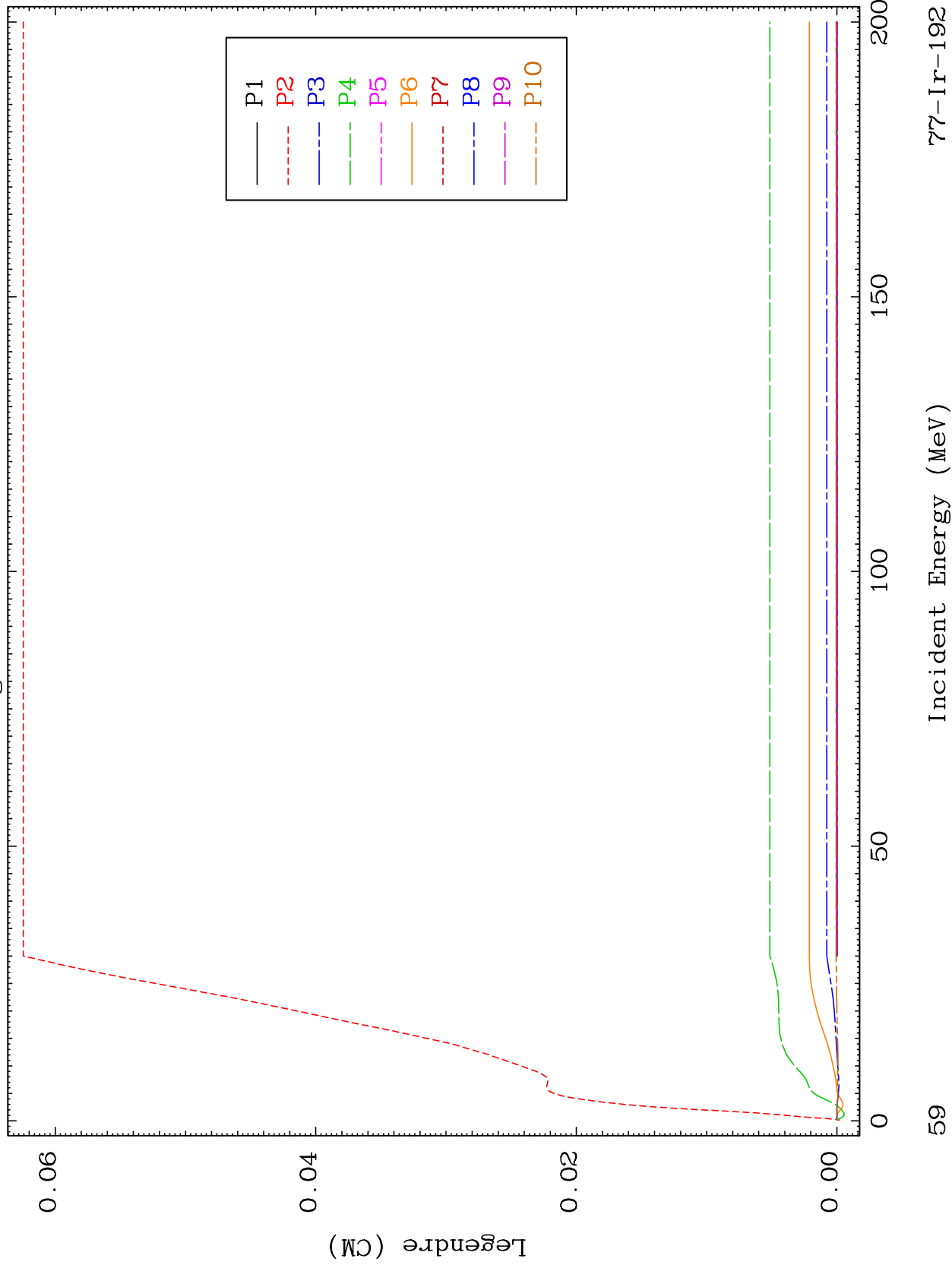
77-Ir-192



MAT 7728

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

77-Ir-192

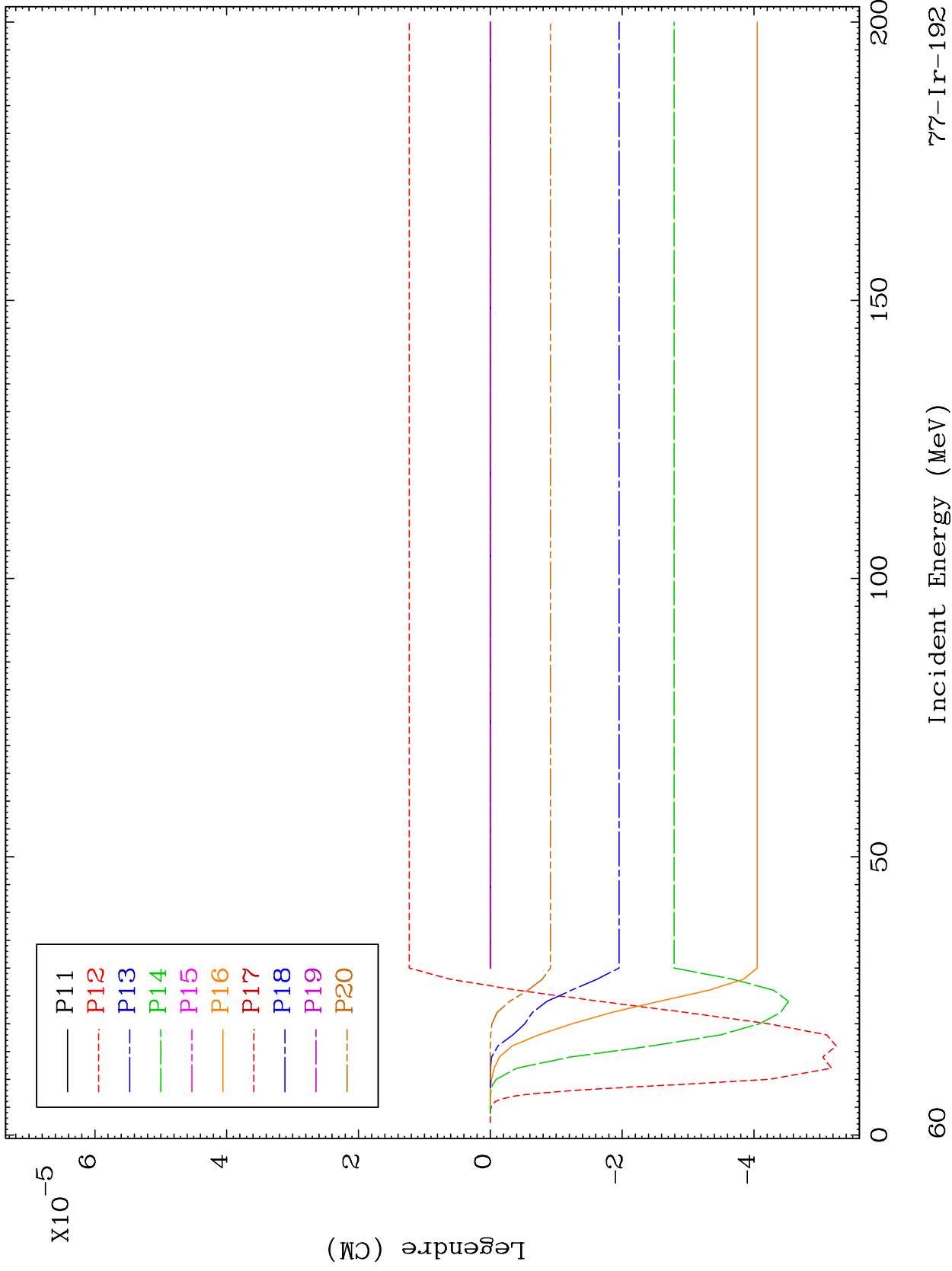


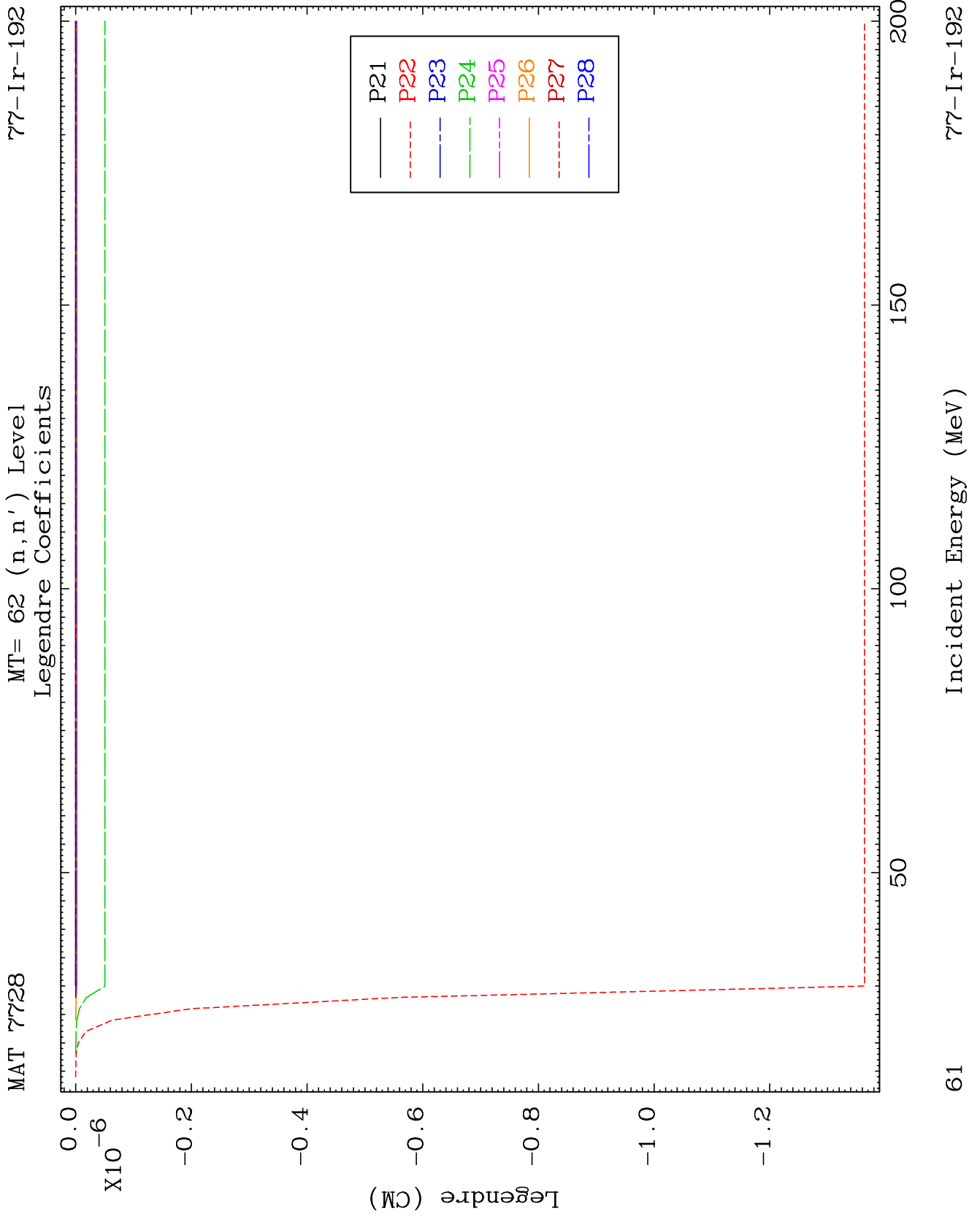
59

MAT 7728

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

77-Ir-192

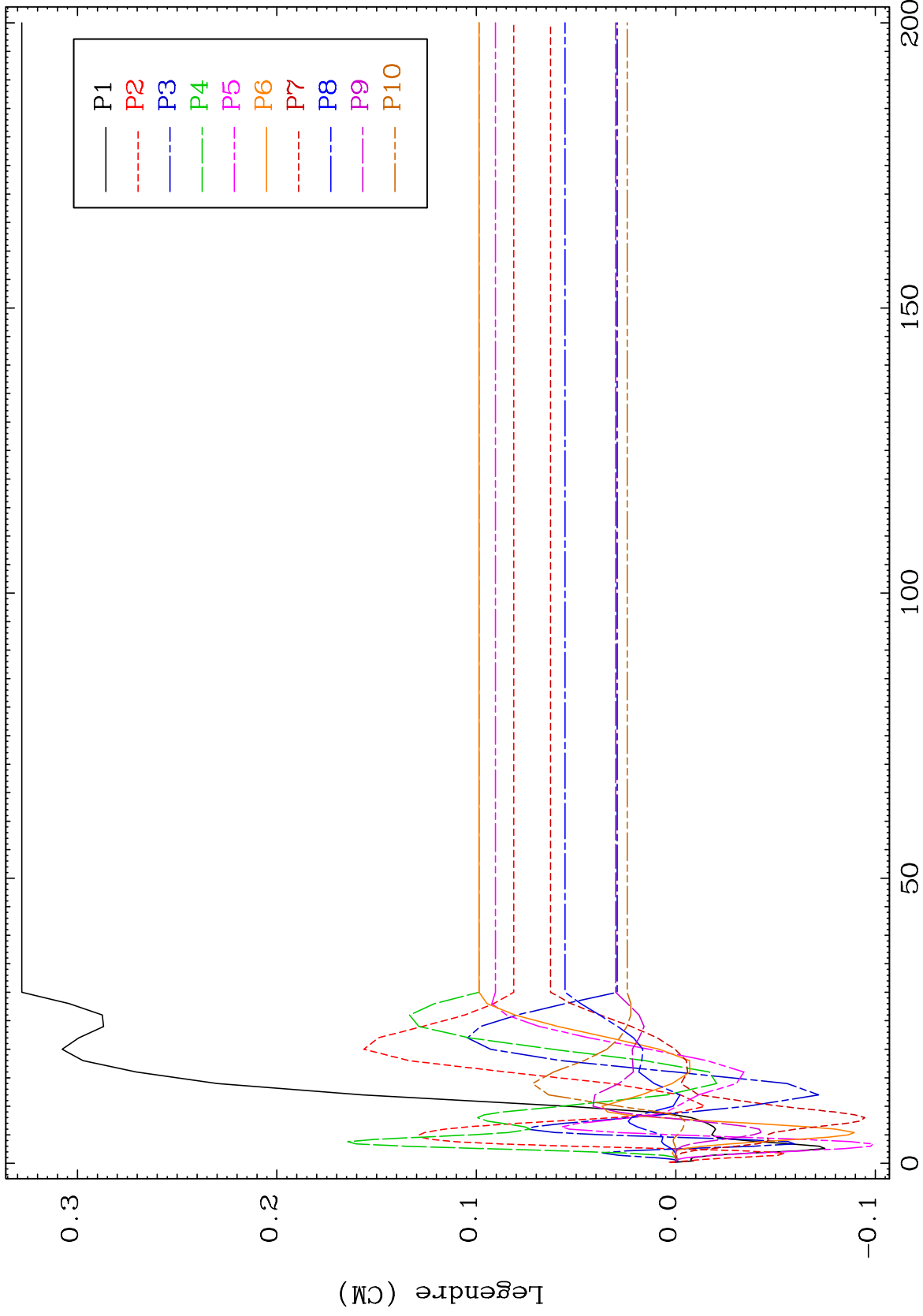




MAT 7728

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

77-Ir-192



77-Ir-192

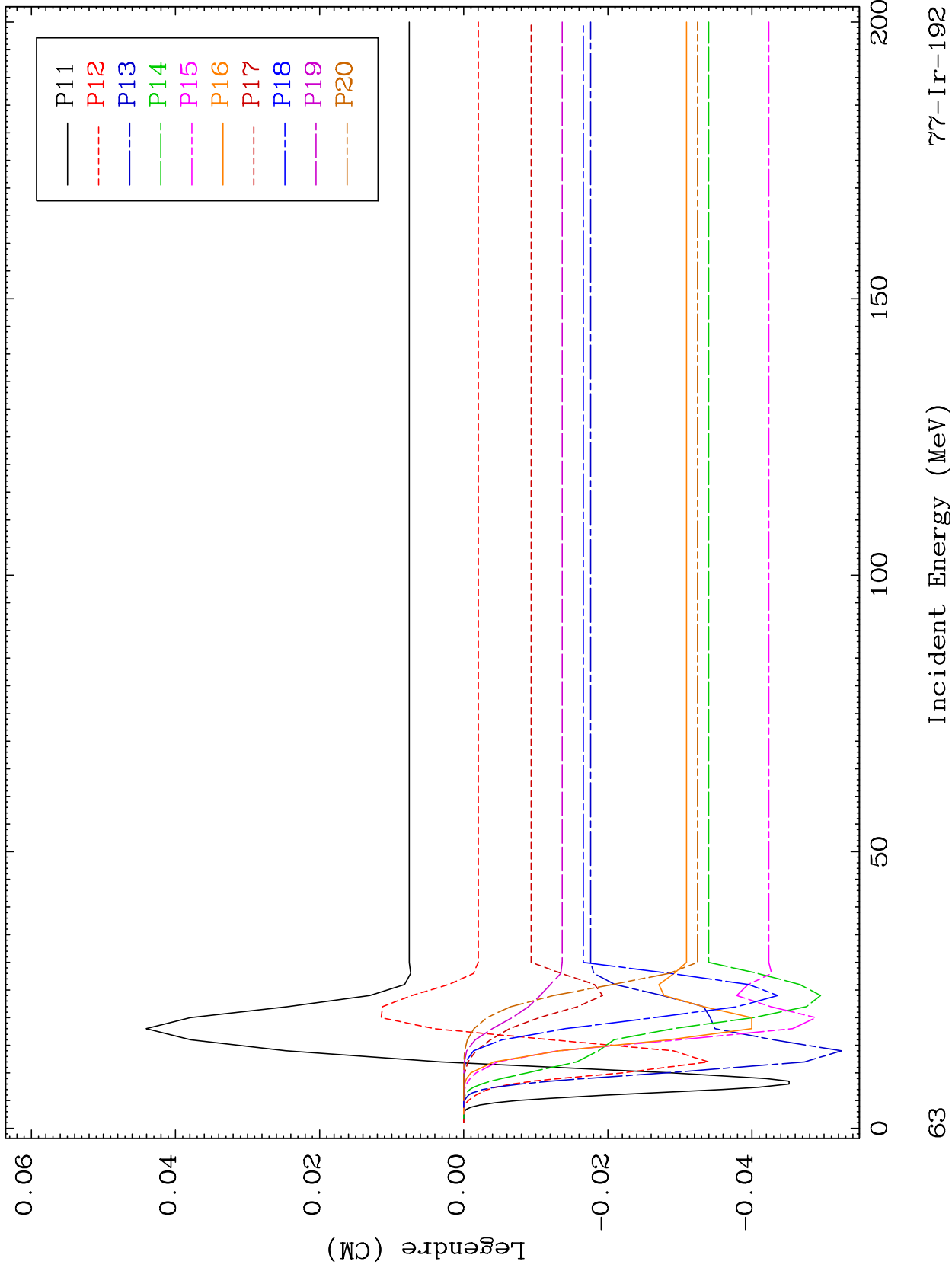
Incident Energy (MeV)

62

MAT 7728

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

77-Ir-192



77-Ir-192

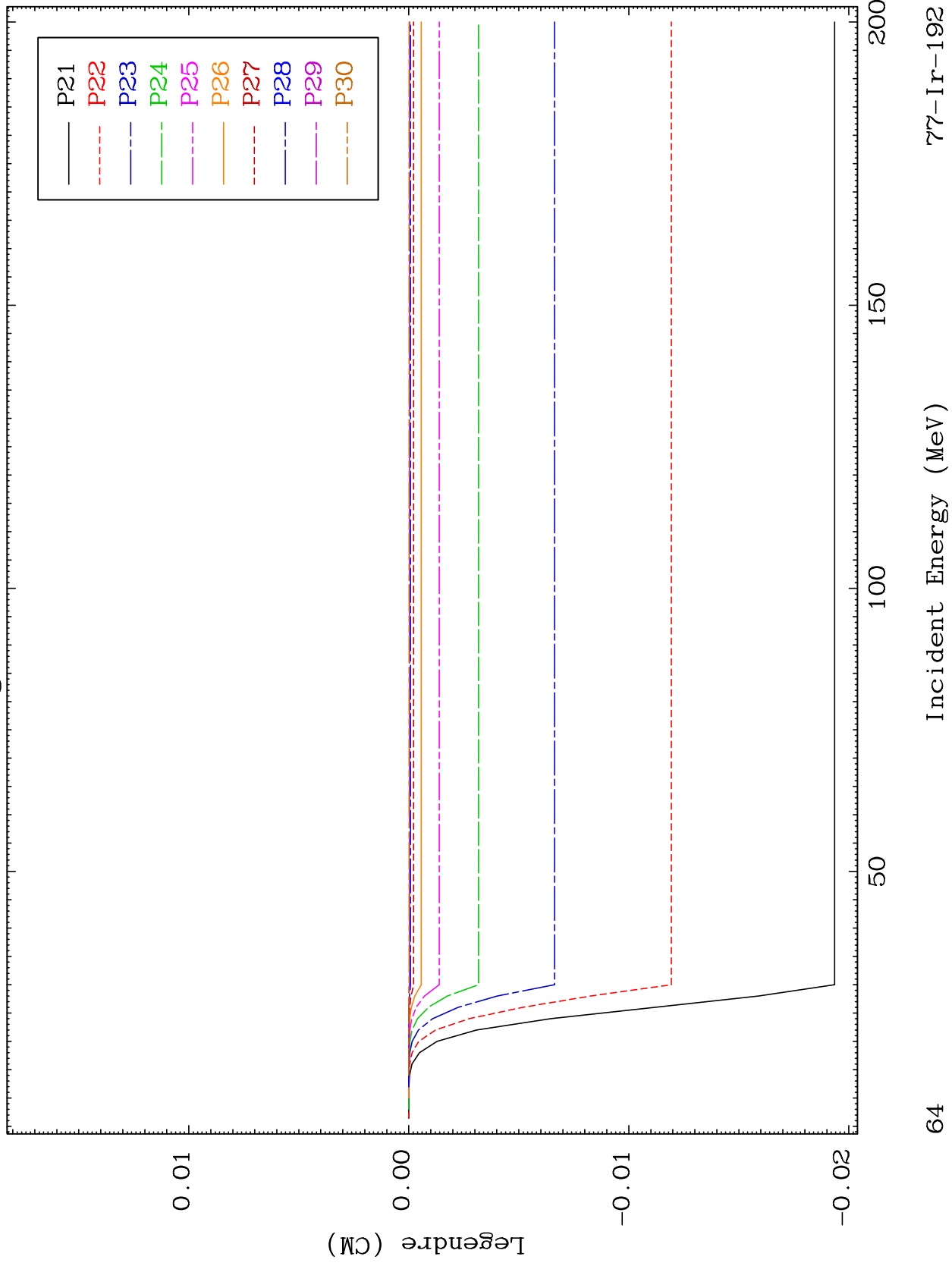
Incident Energy (MeV)

63

MAT 7728

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

77-Ir-192



64

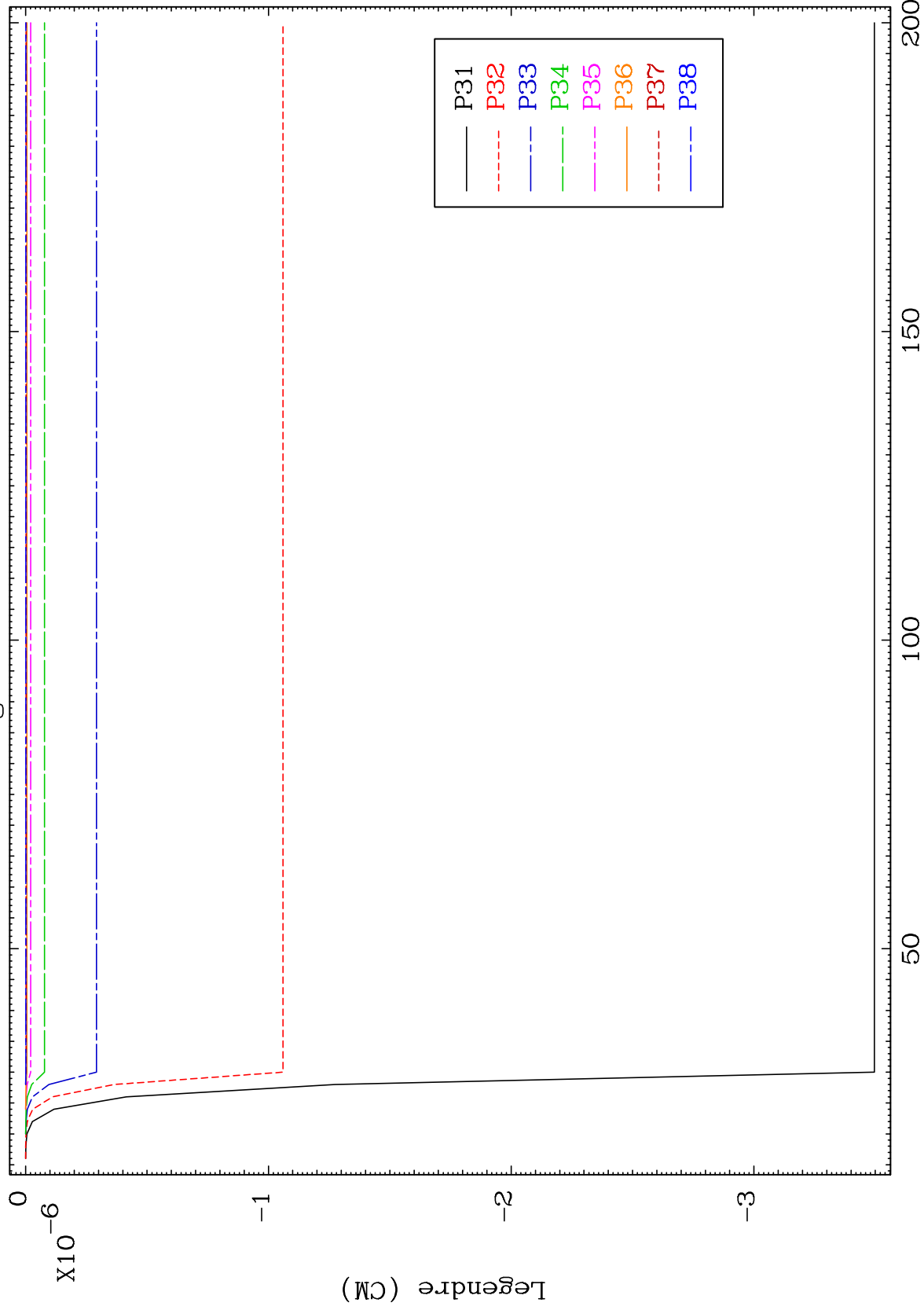
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



65

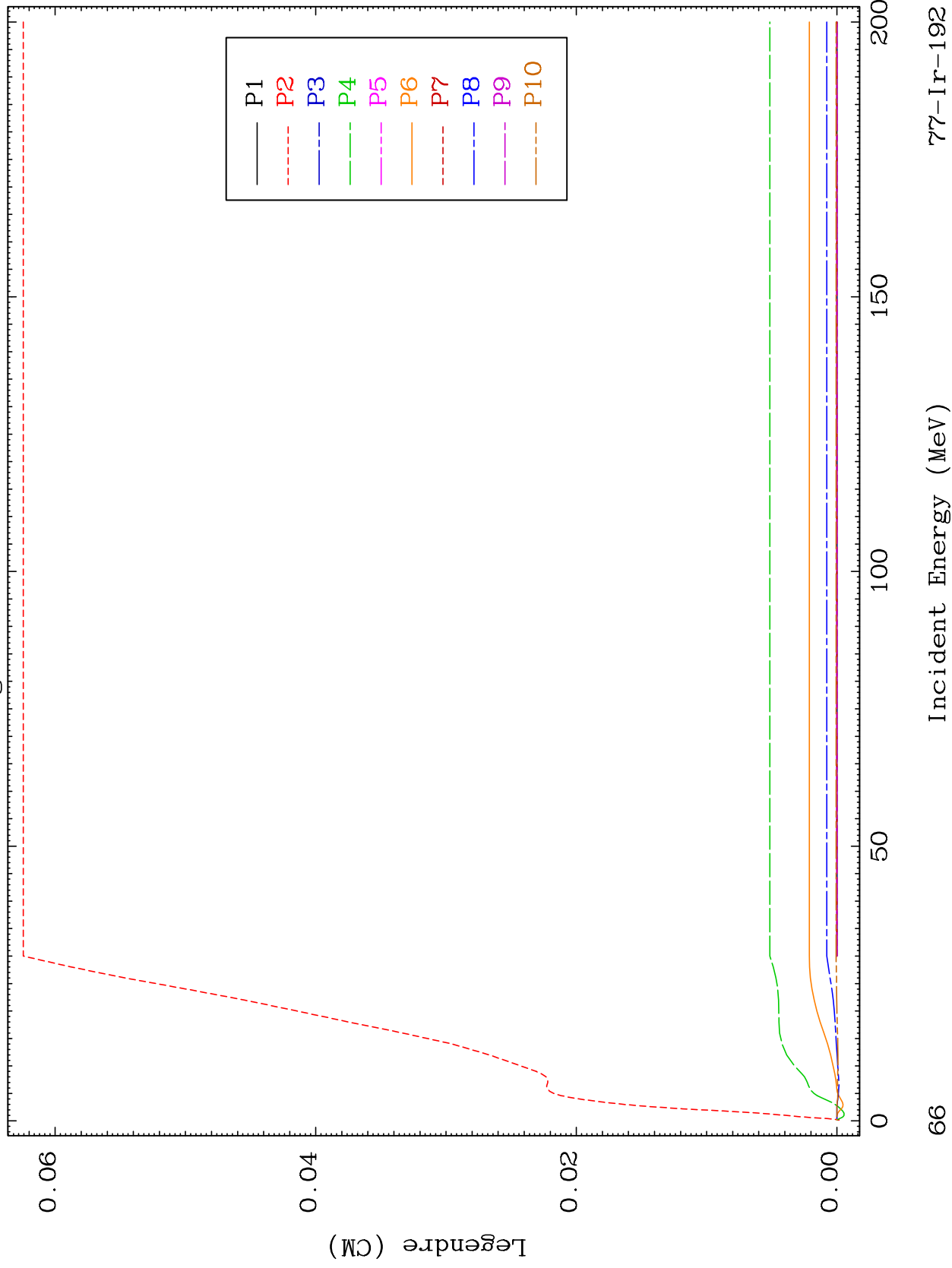
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

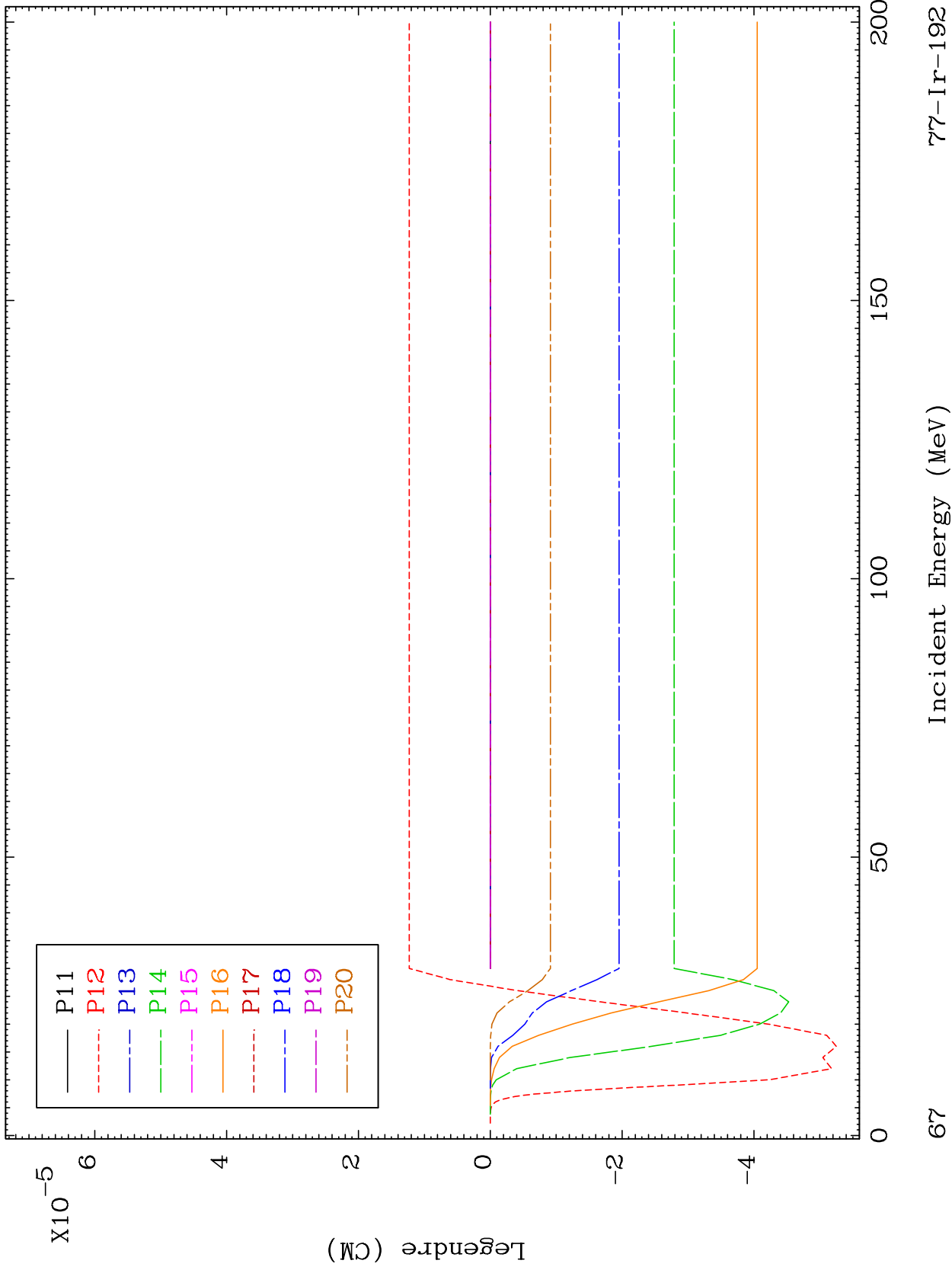
Incident Energy (MeV)

66

MAT 7728

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

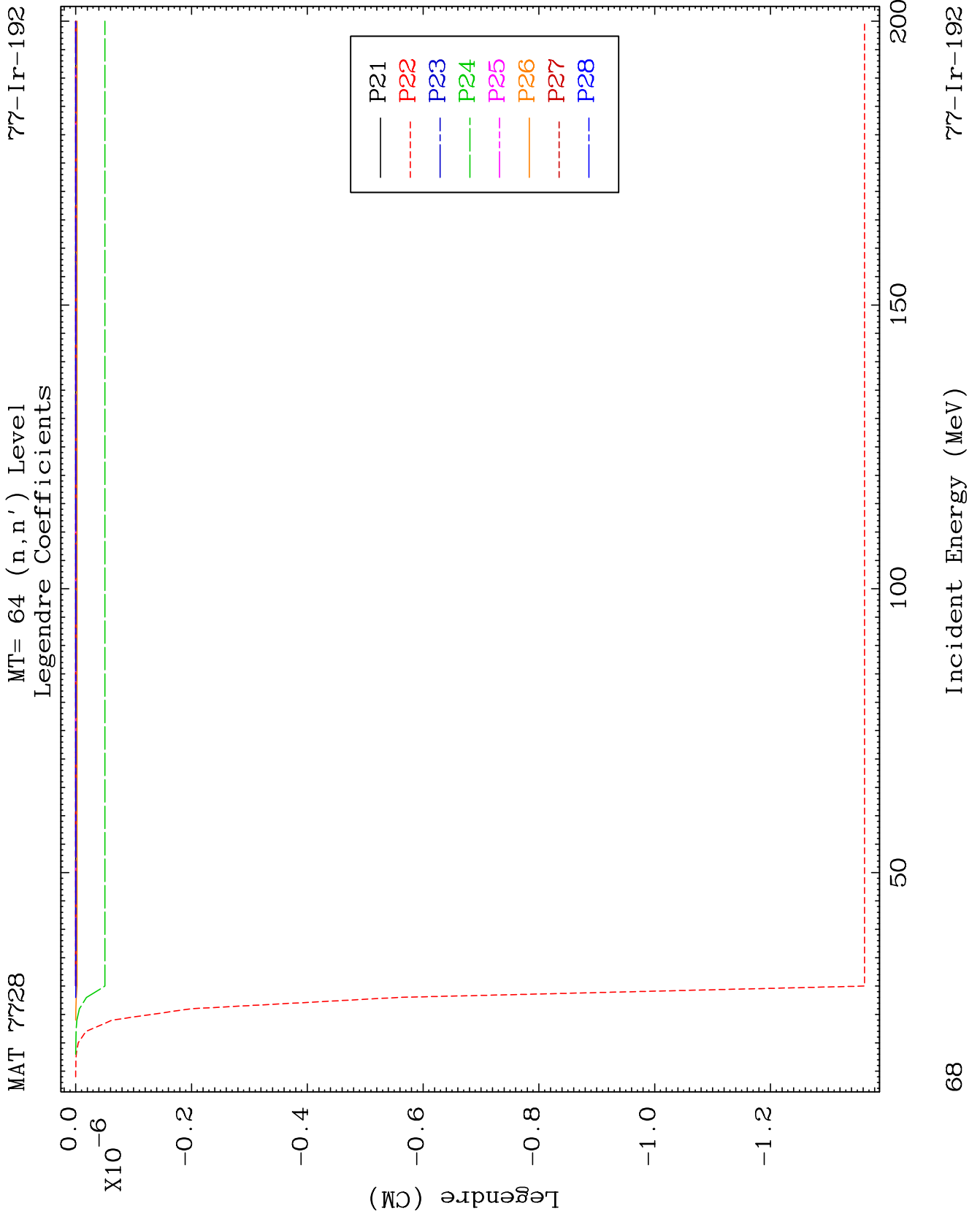
77-Ir-192



67

Incident Energy (MeV)

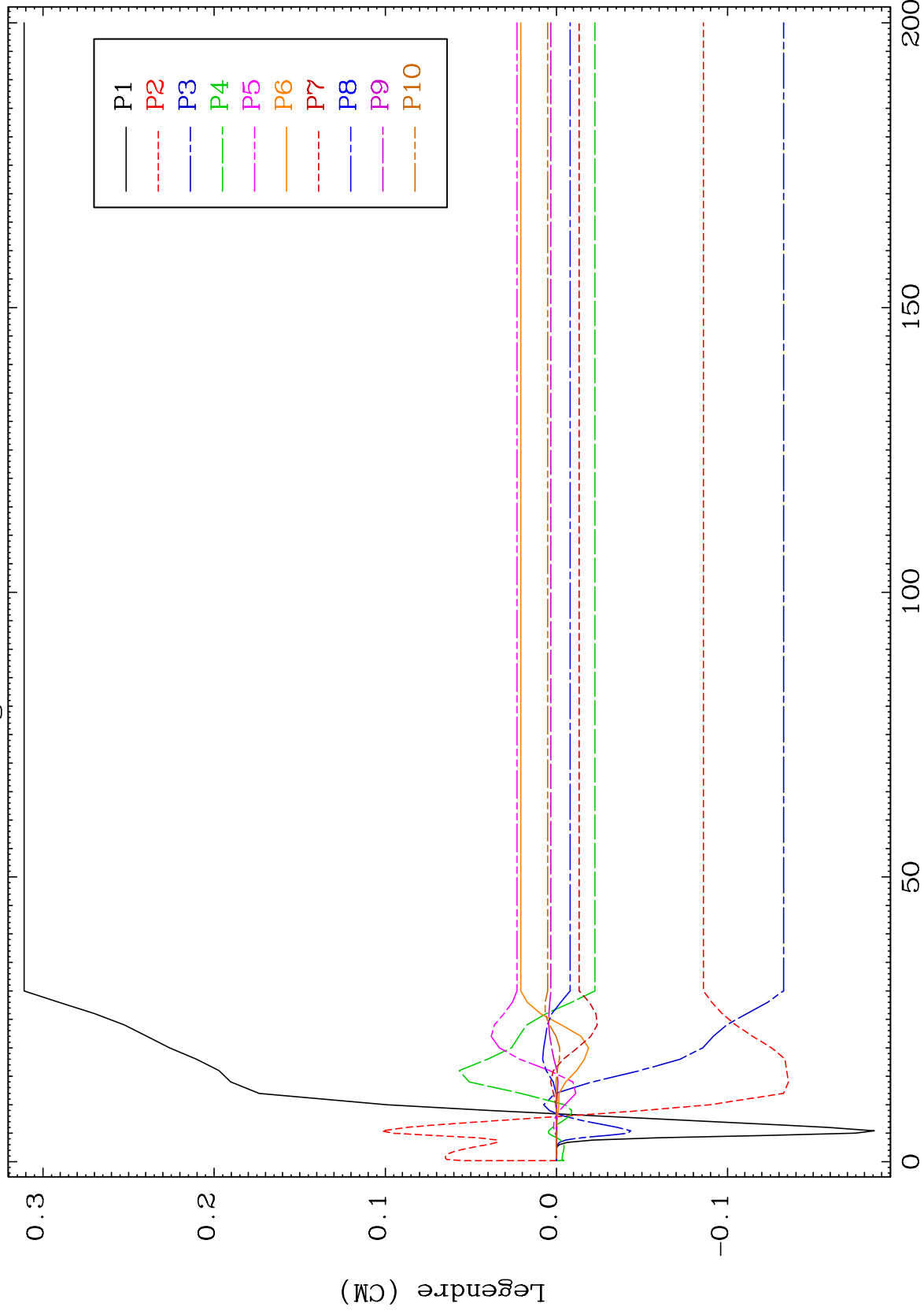
77-Ir-192



MAT 7728

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

77-Ir-192



69

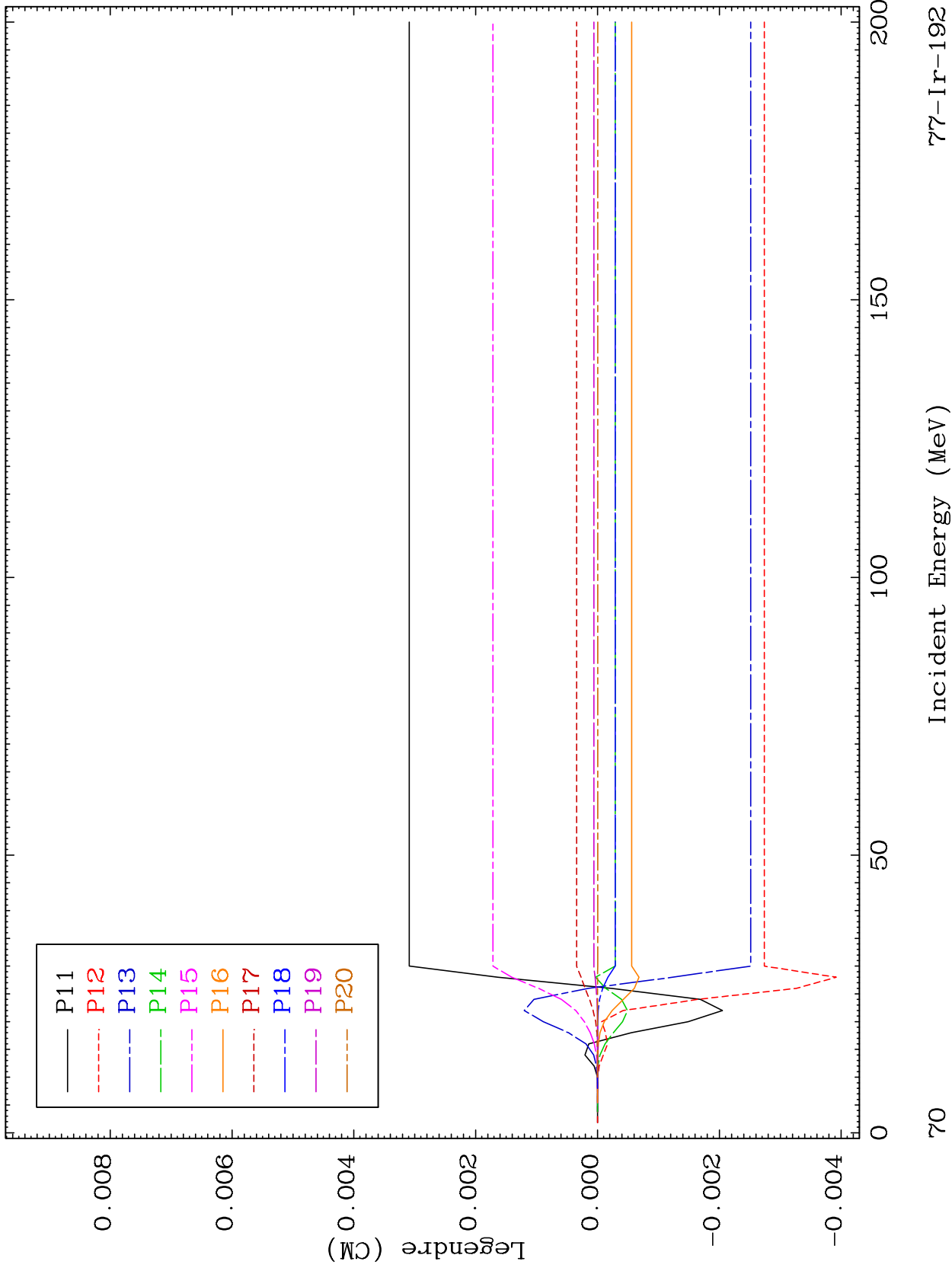
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

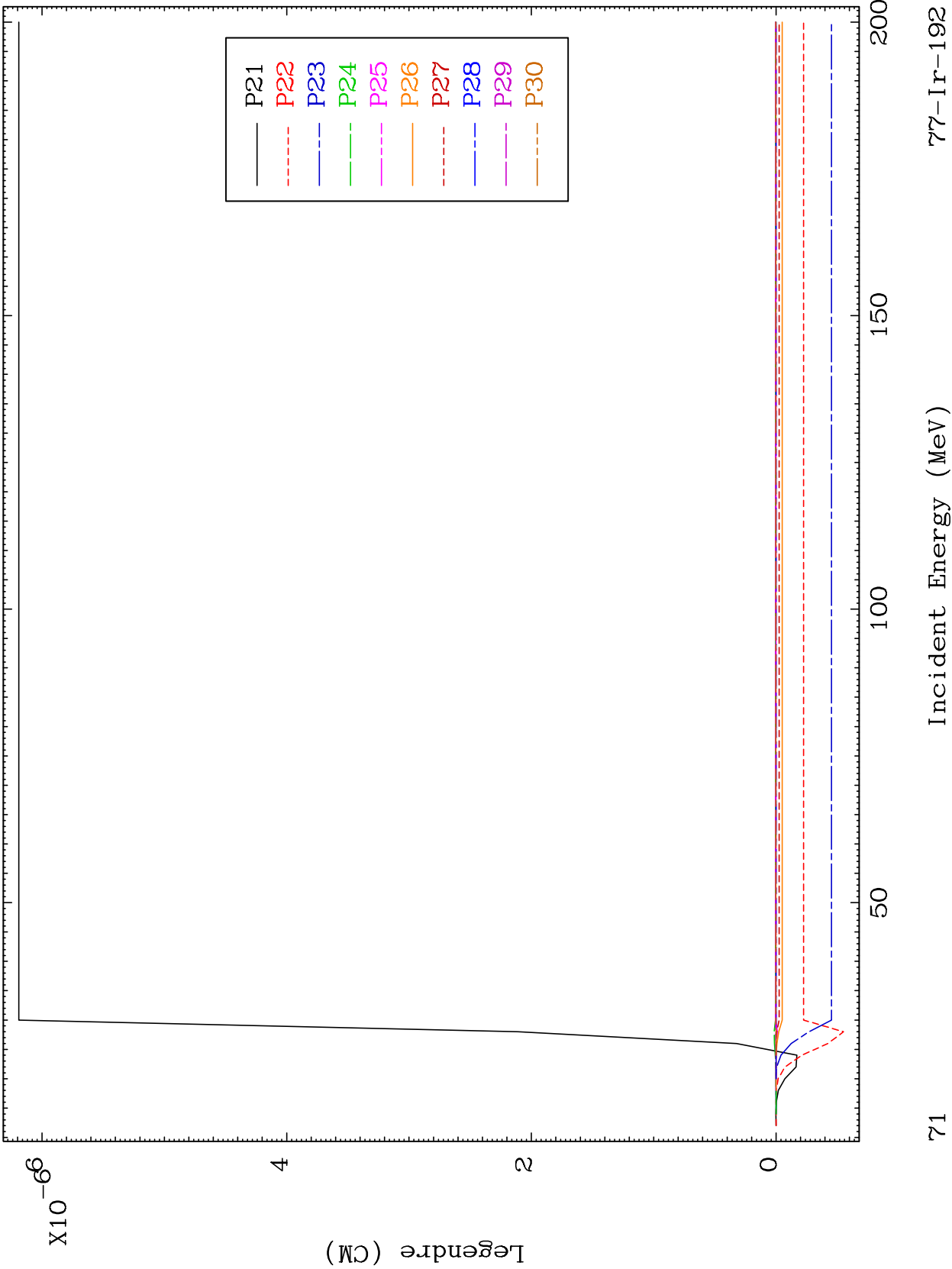
Incident Energy (MeV)

70

MAT 7728

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

77-Ir-192



71

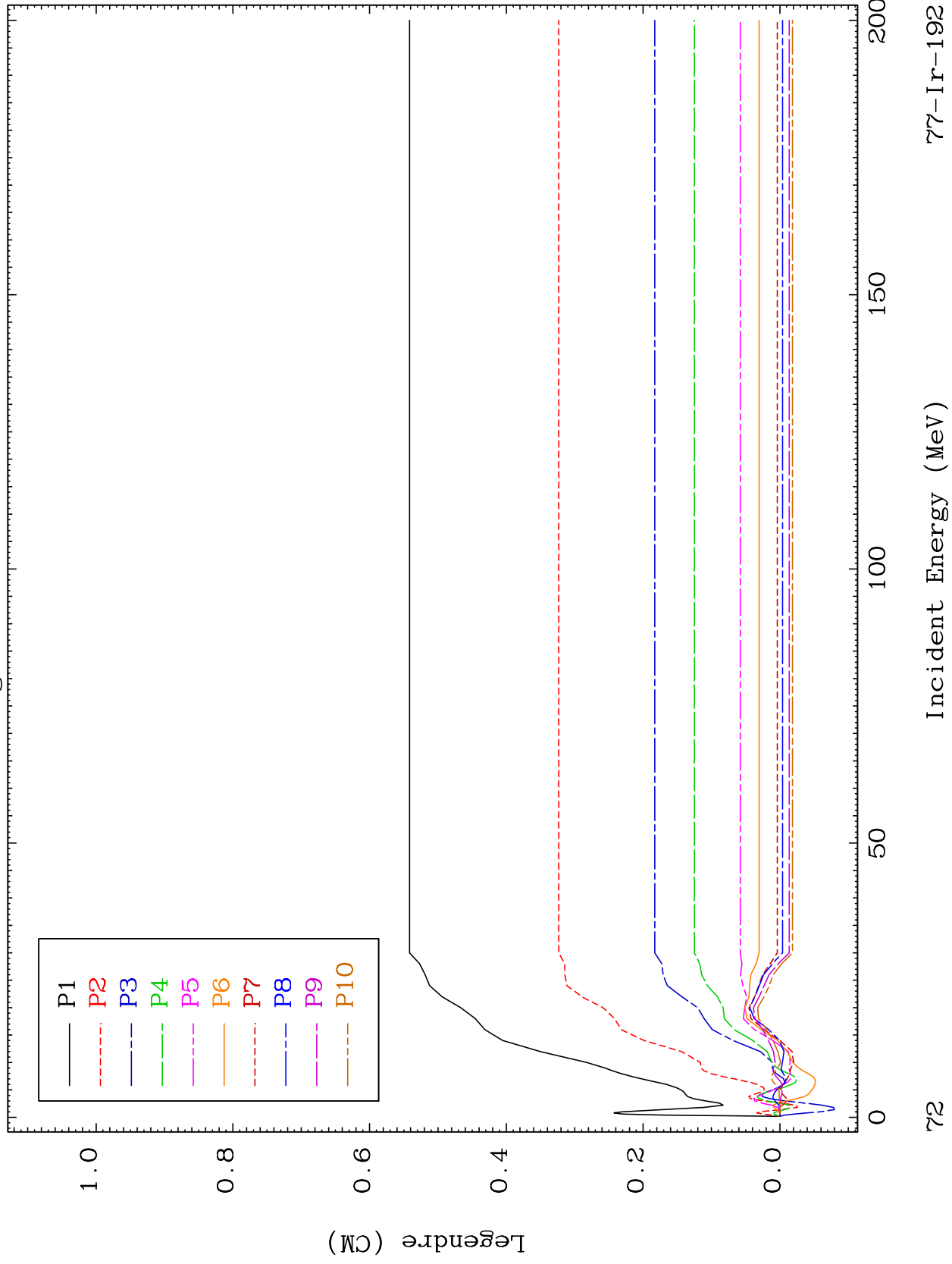
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

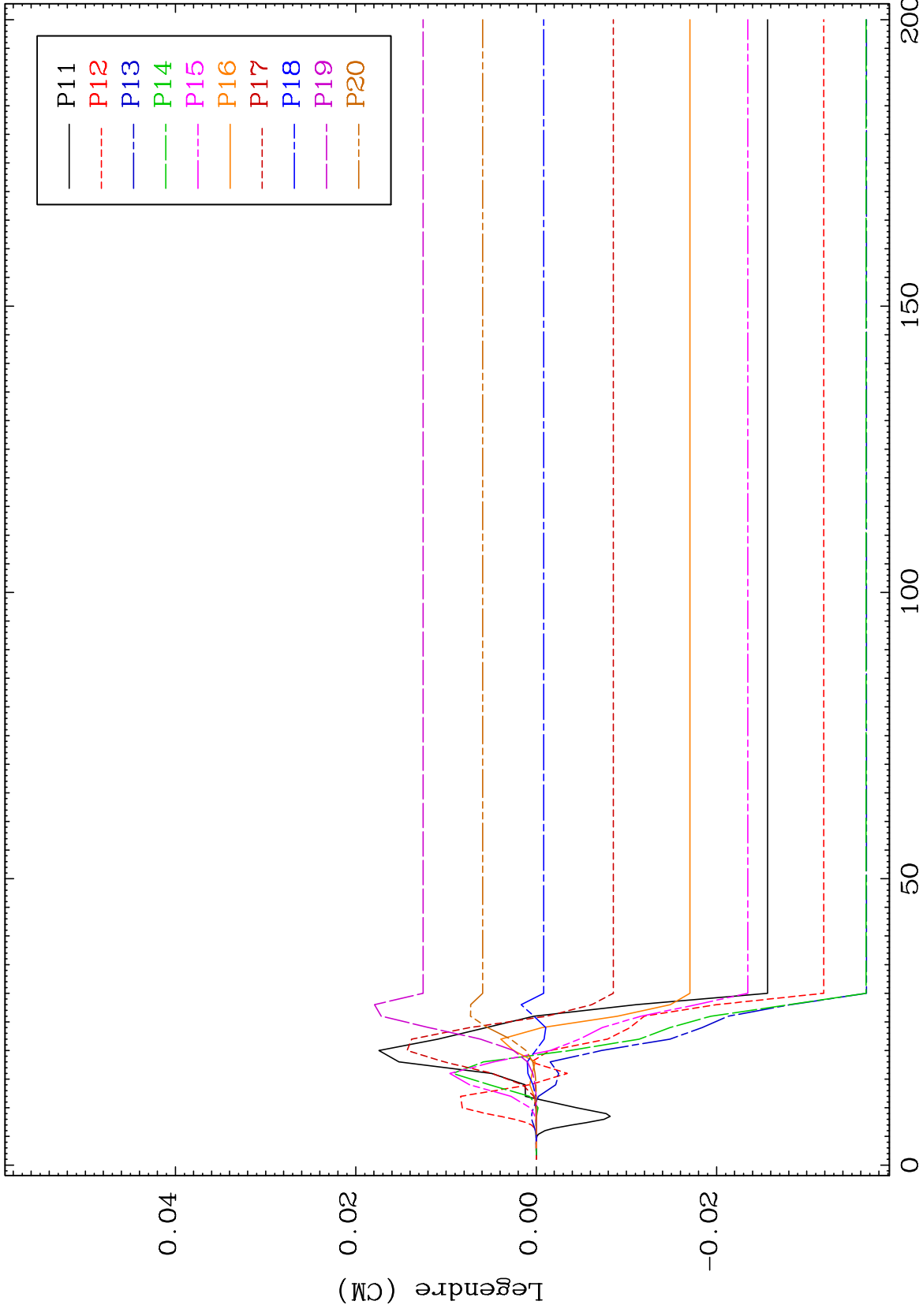
Incident Energy (MeV)

72

MAT 7728

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

77-Ir-192



73

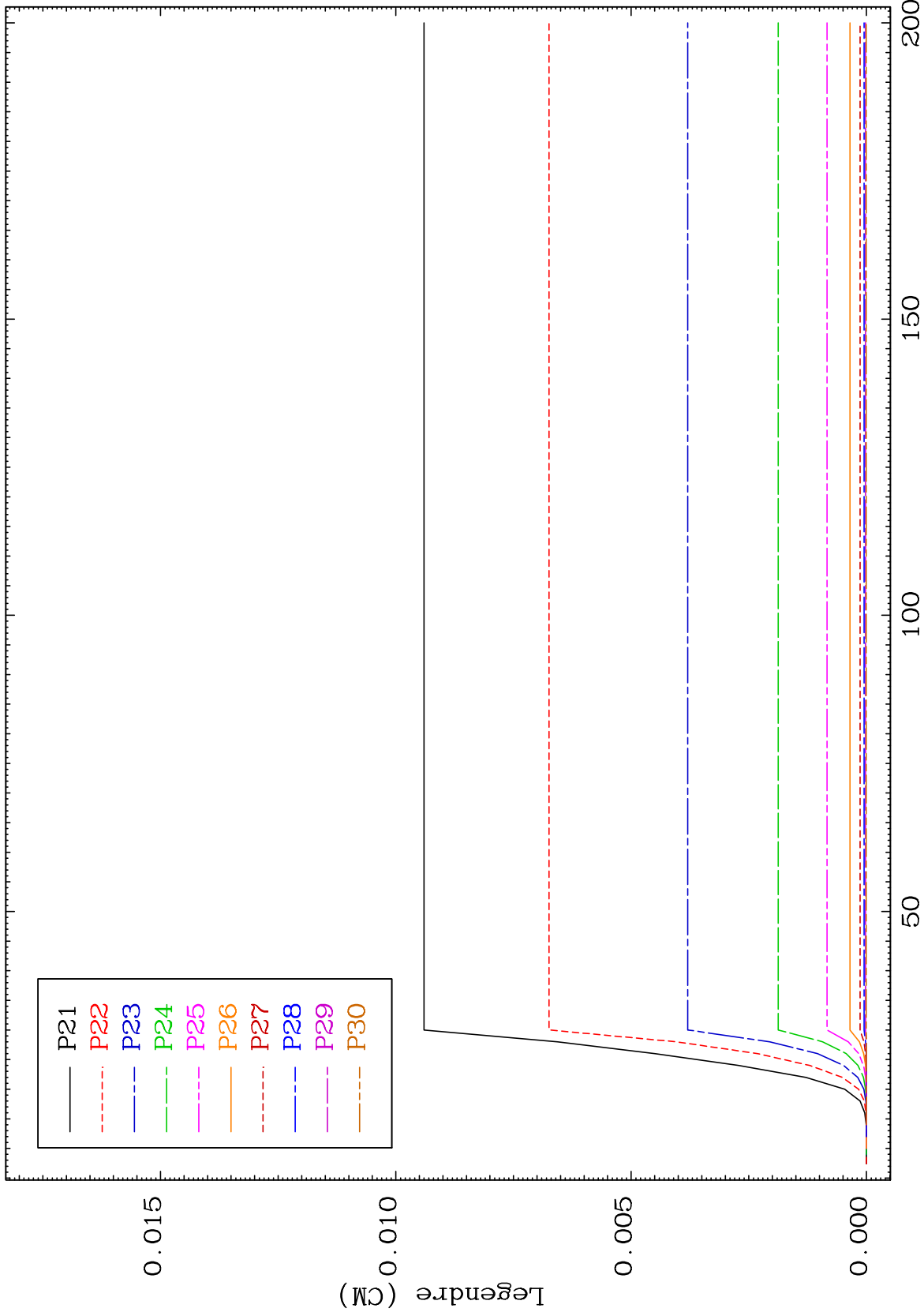
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



74

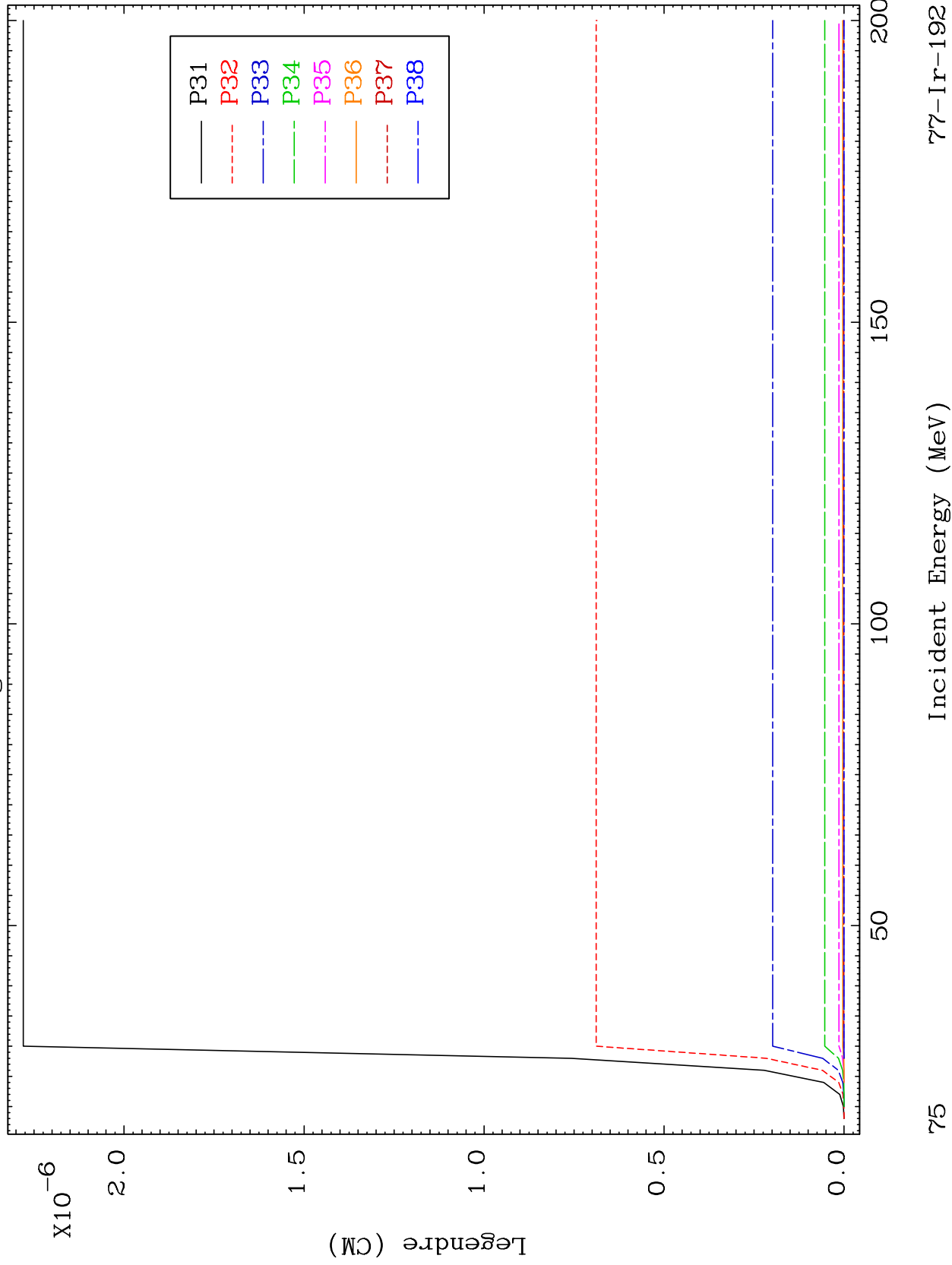
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

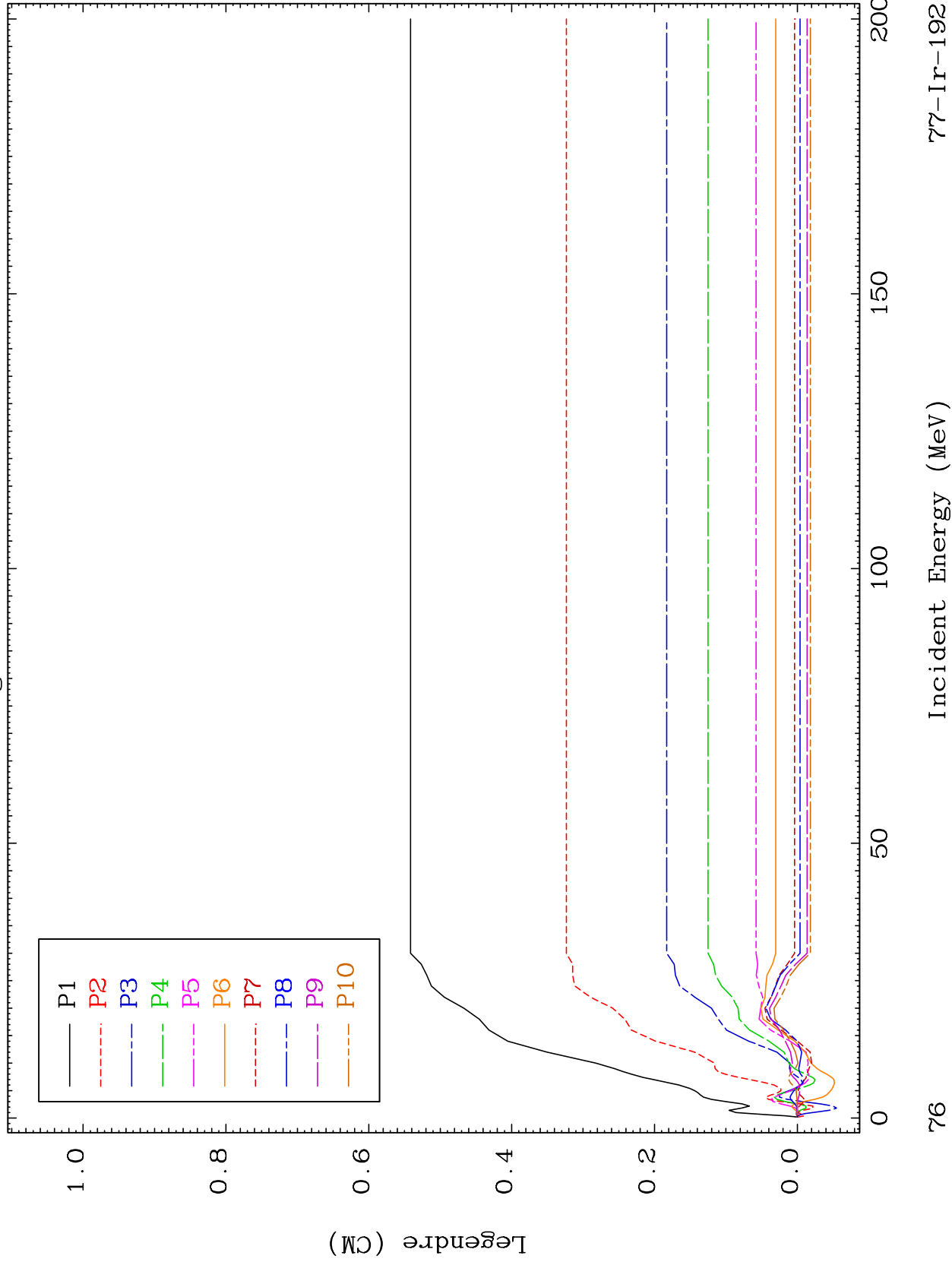
Incident Energy (MeV)

75

MAT 7728

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

77-Ir-192



77-Ir-192

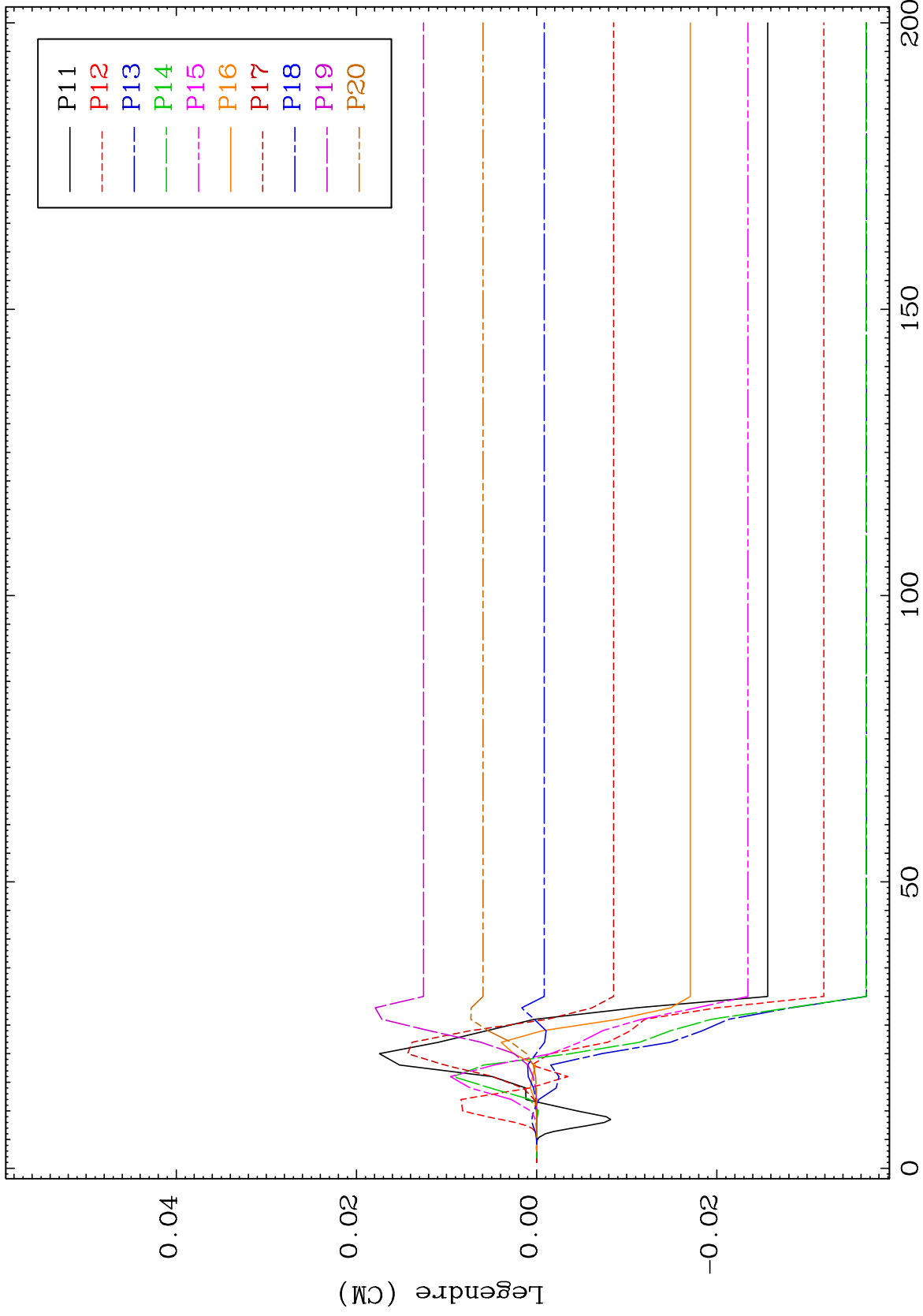
Incident Energy (MeV)

76

MAT 7728

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

77-Ir-192



77

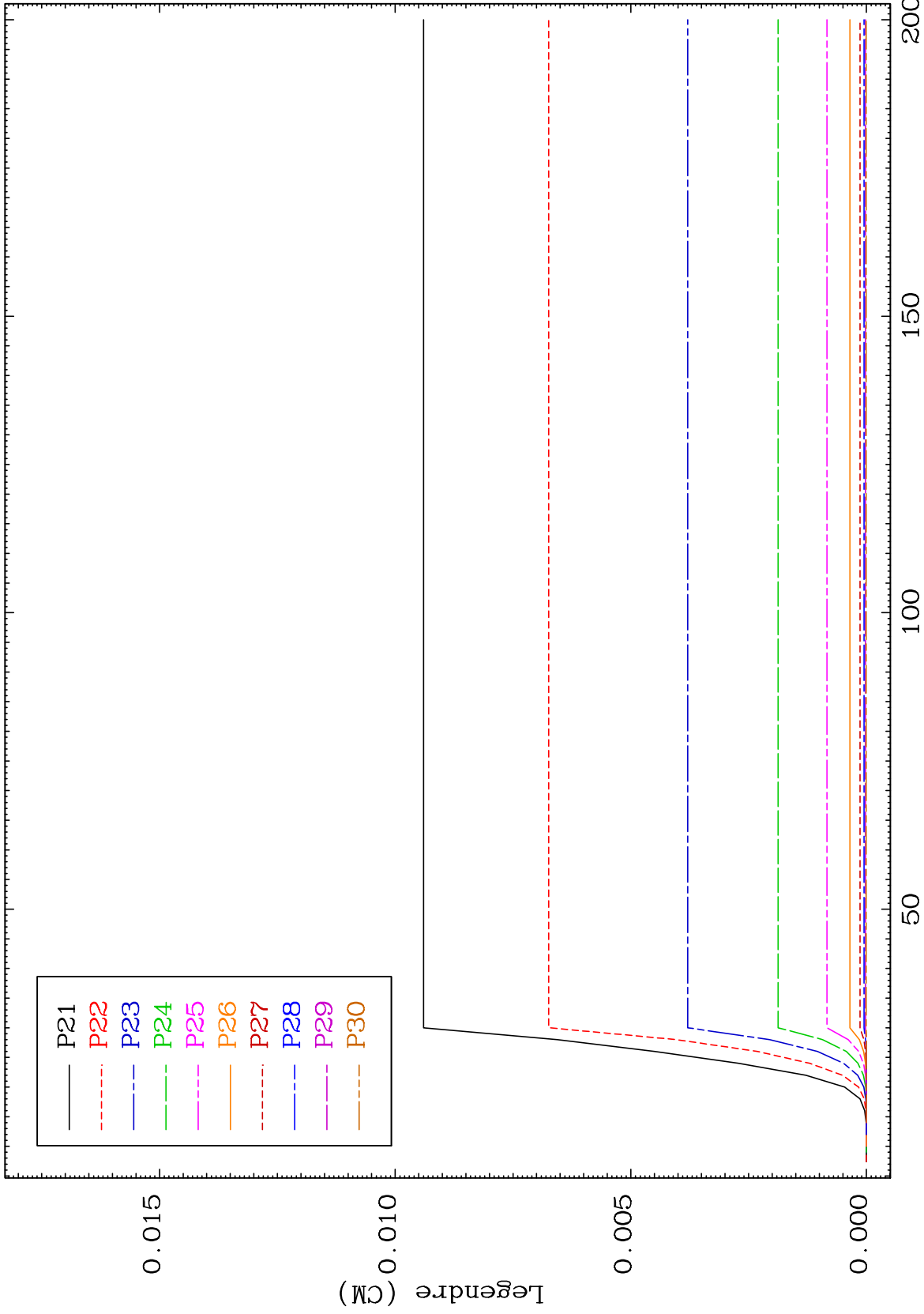
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



78

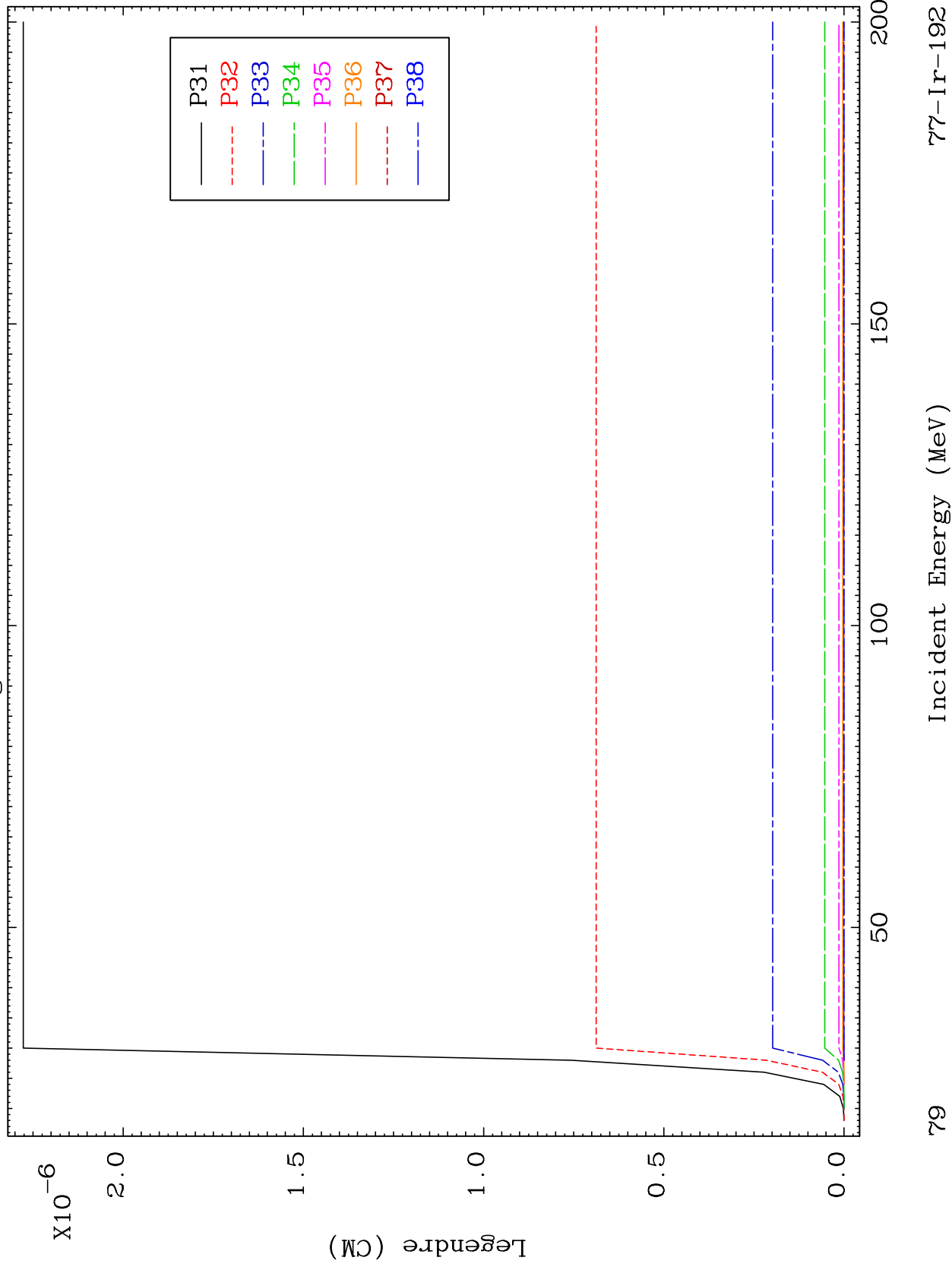
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



79

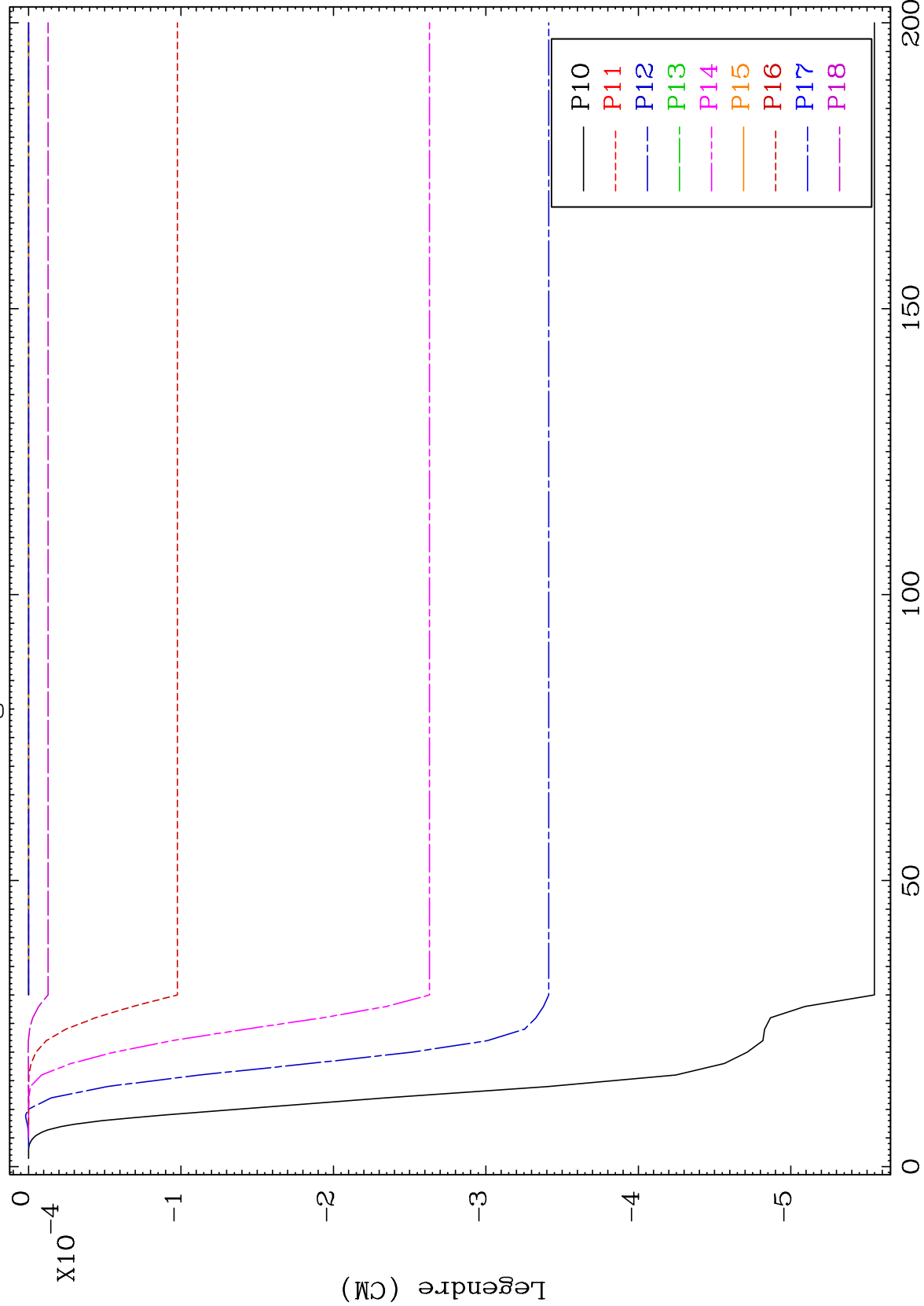
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



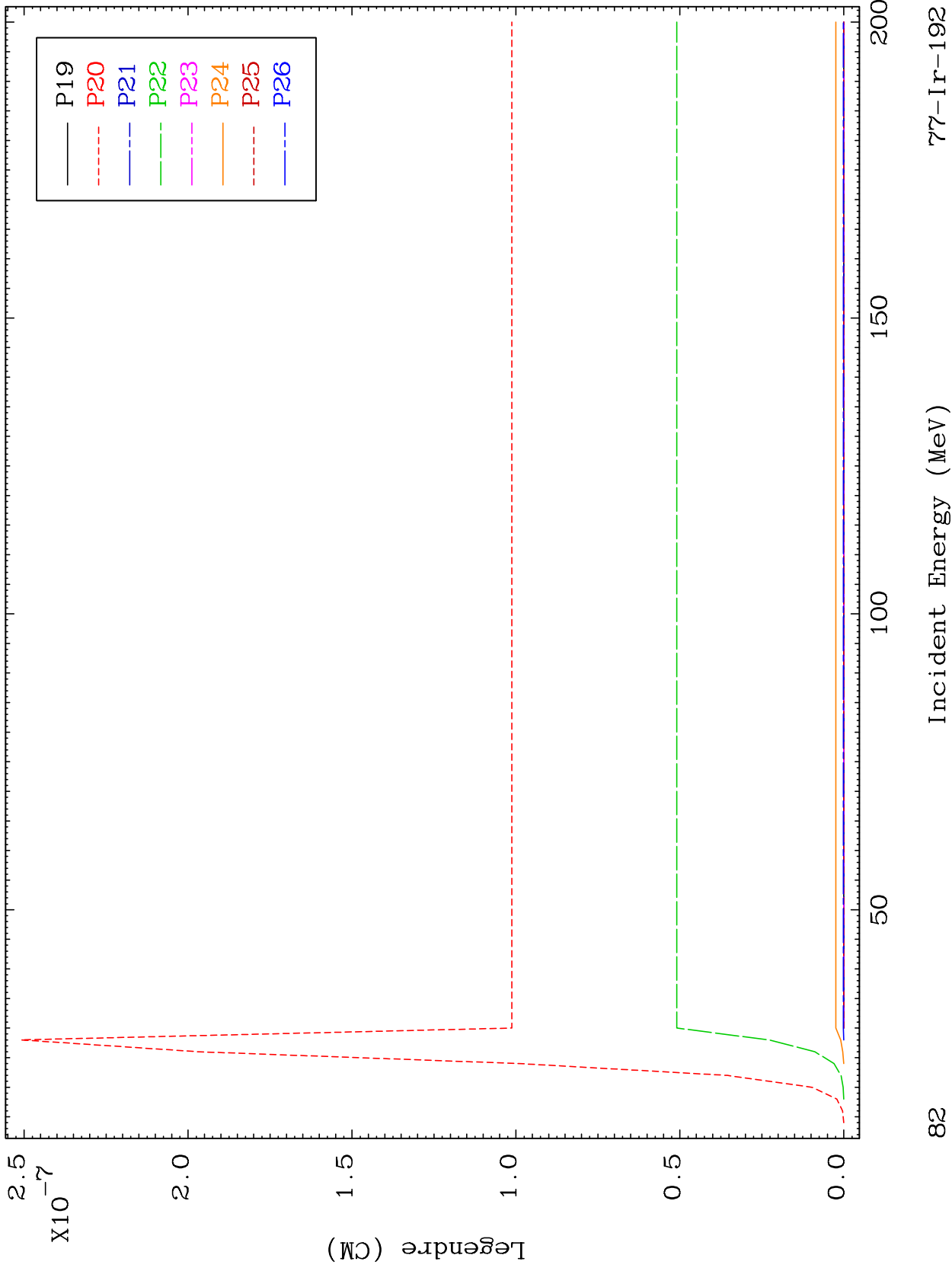
81

77-Ir-192

MAT 7728

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

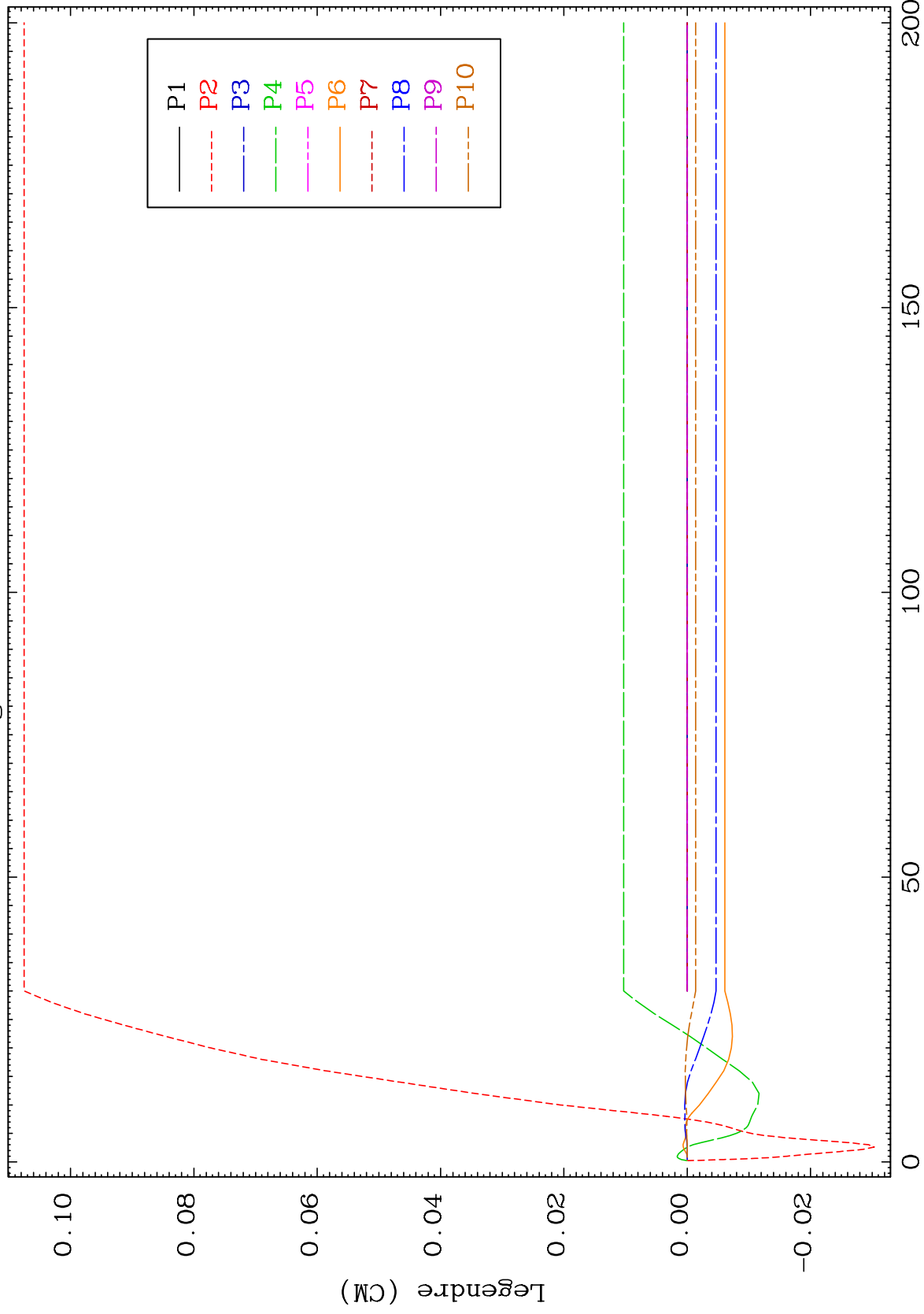
77-Ir-192



MAT 7728

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

77-Ir-192



83

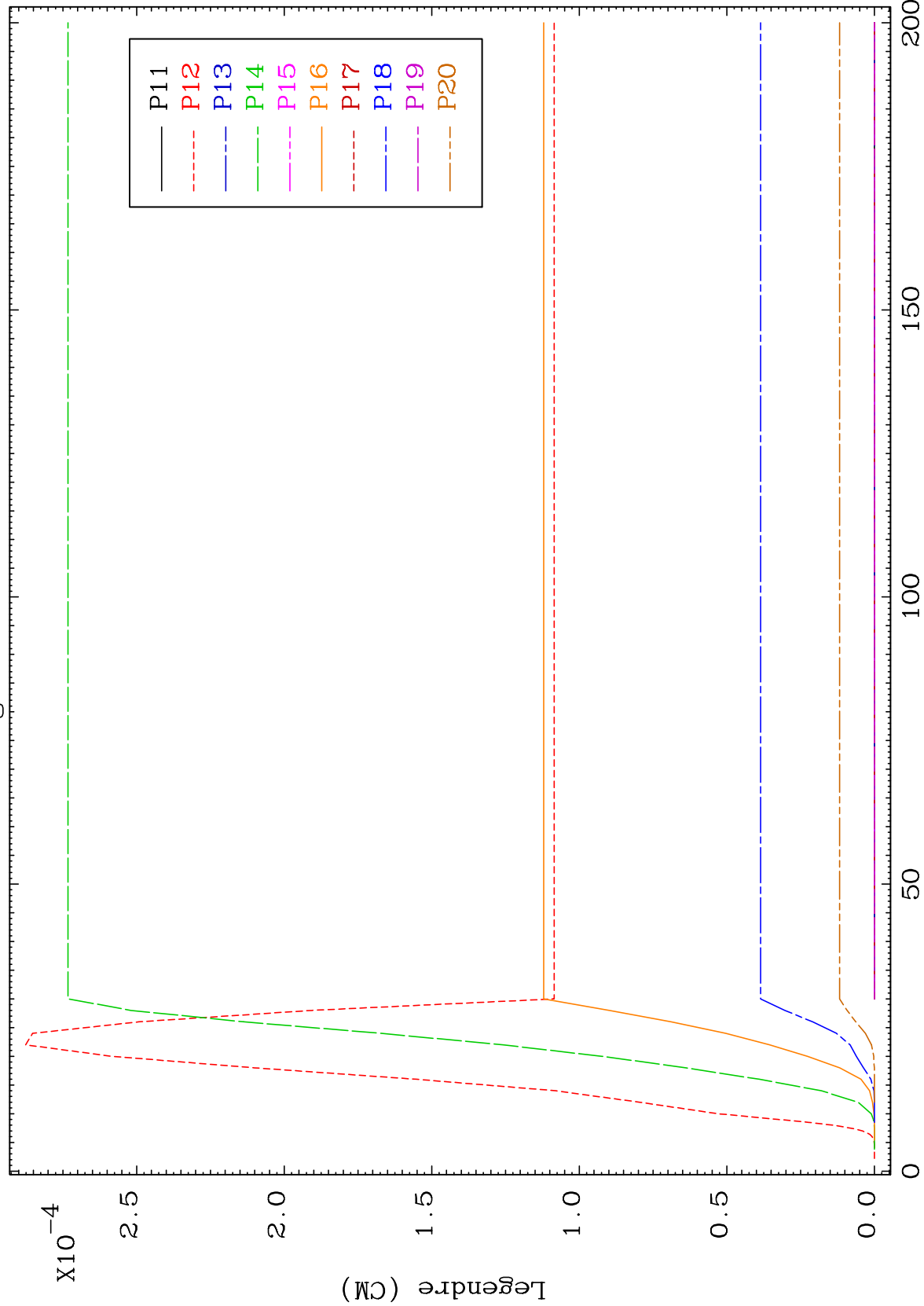
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



84

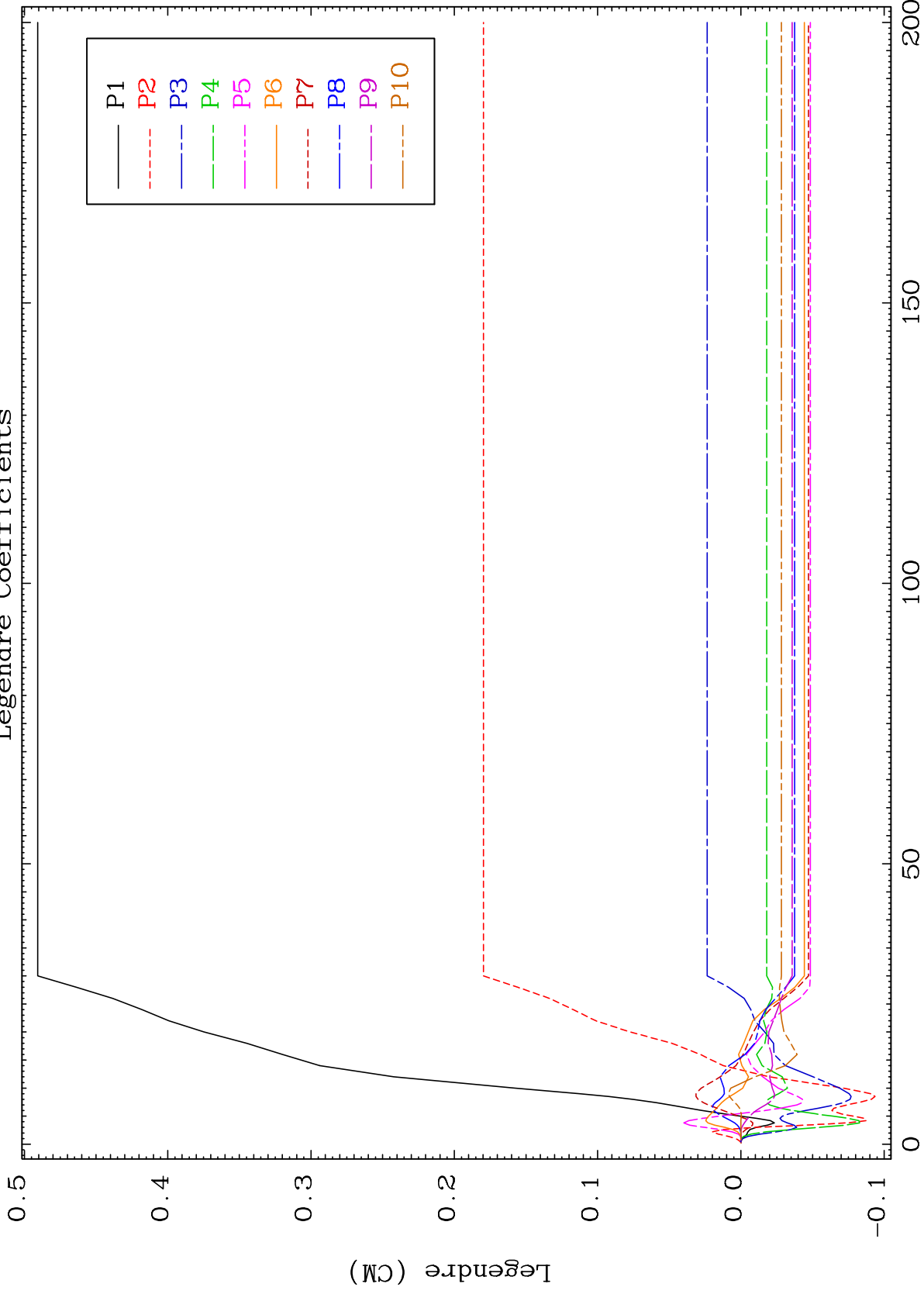
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



86

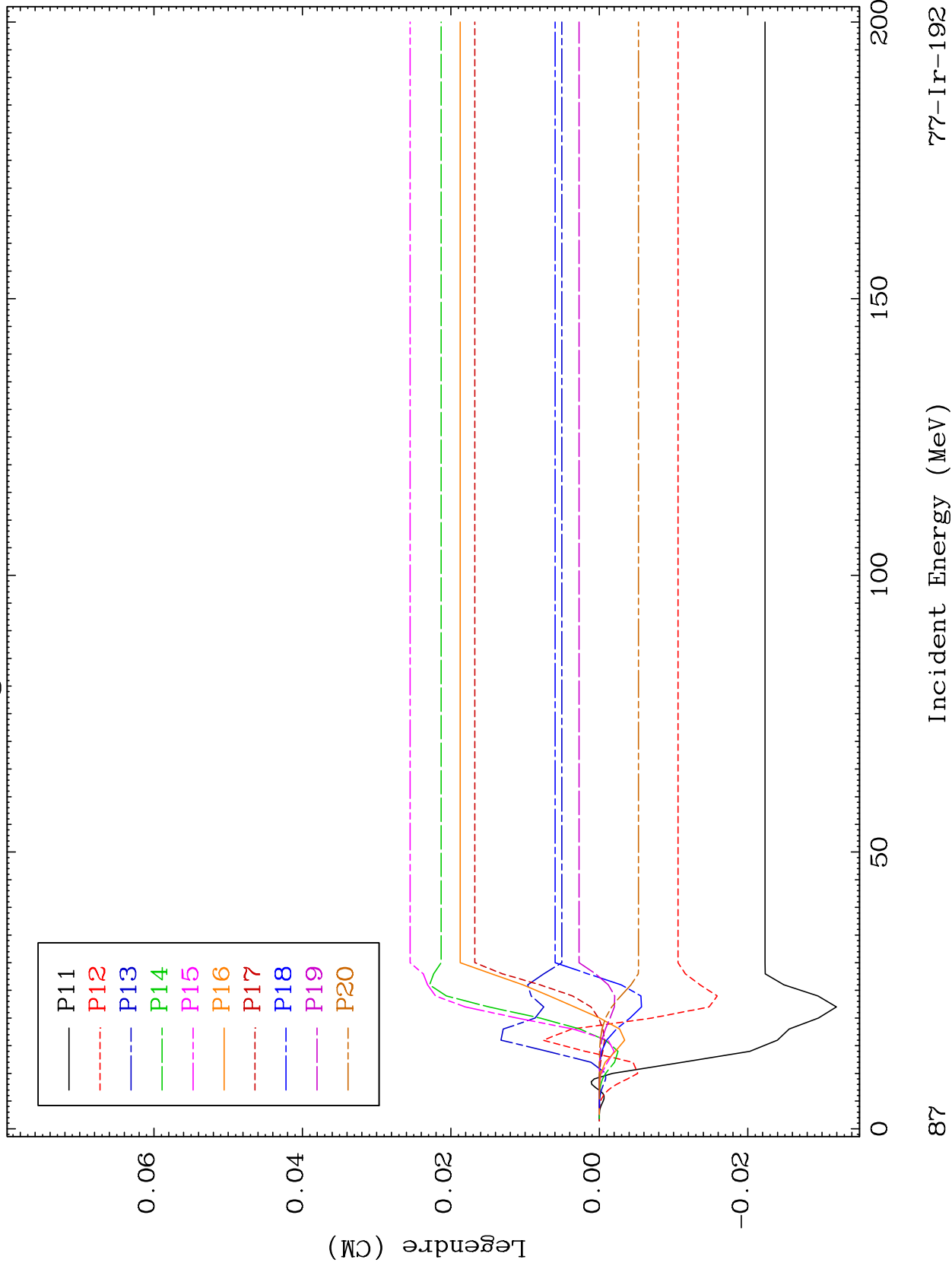
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



87

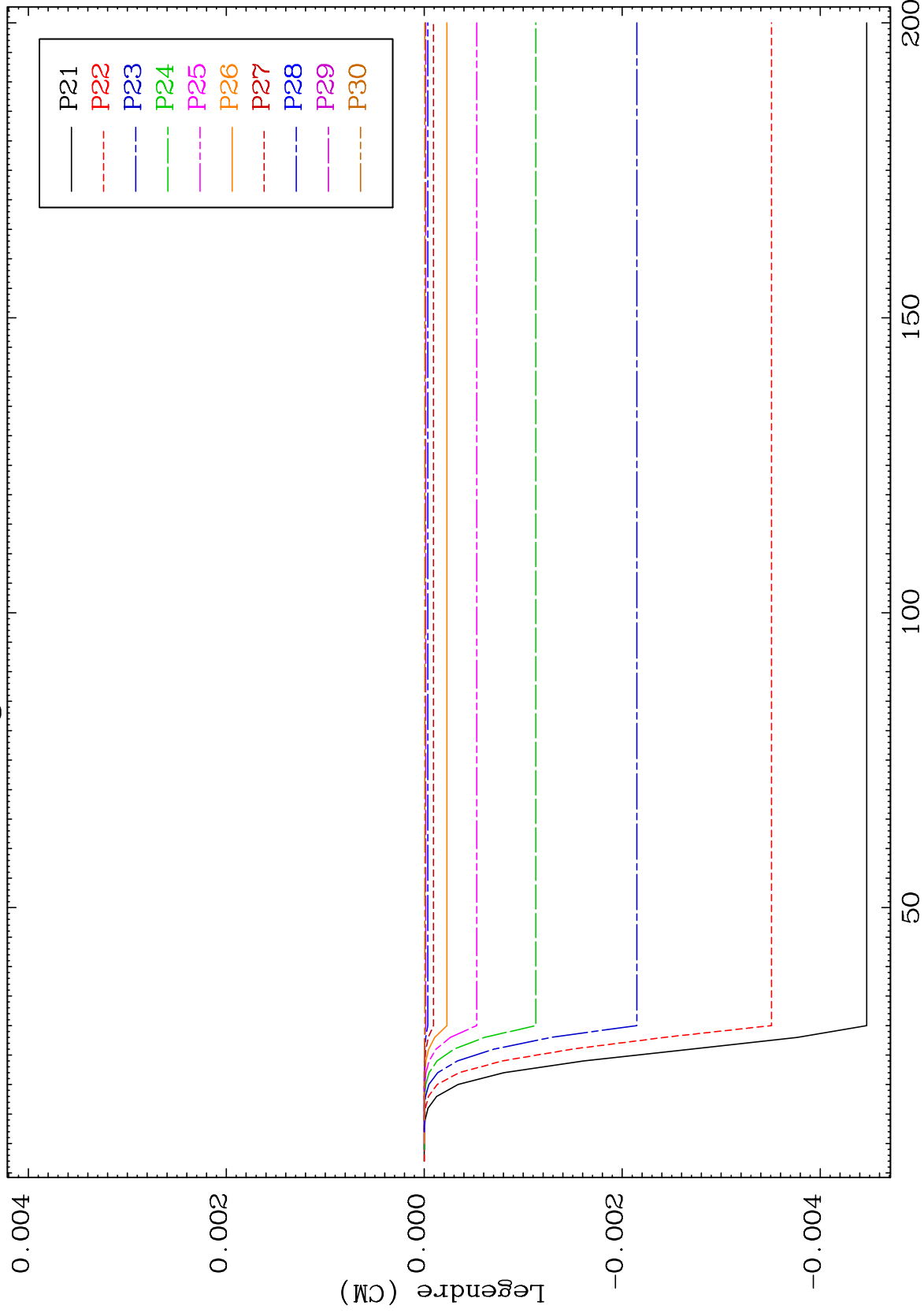
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

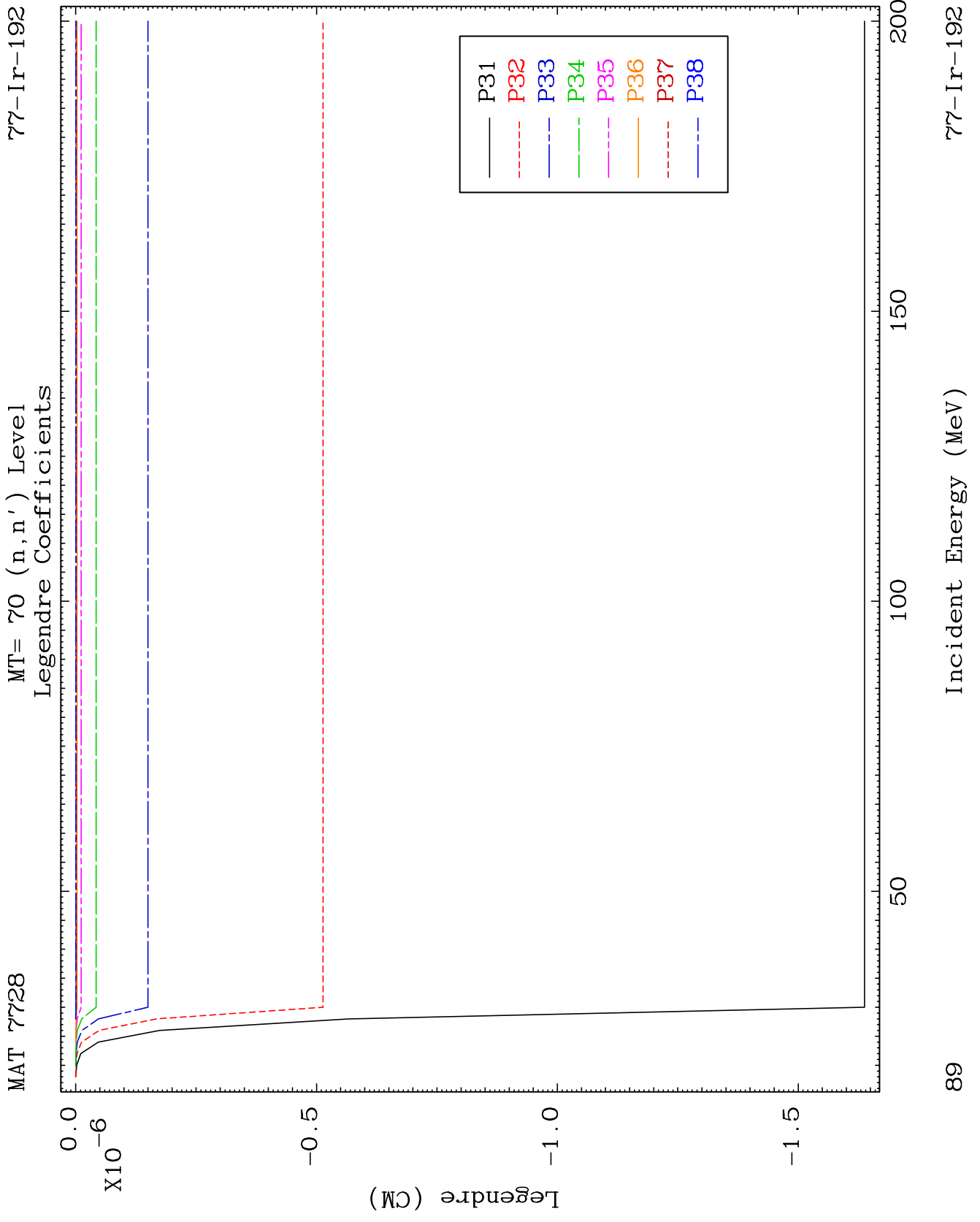
77-Ir-192



88

Incident Energy (MeV)

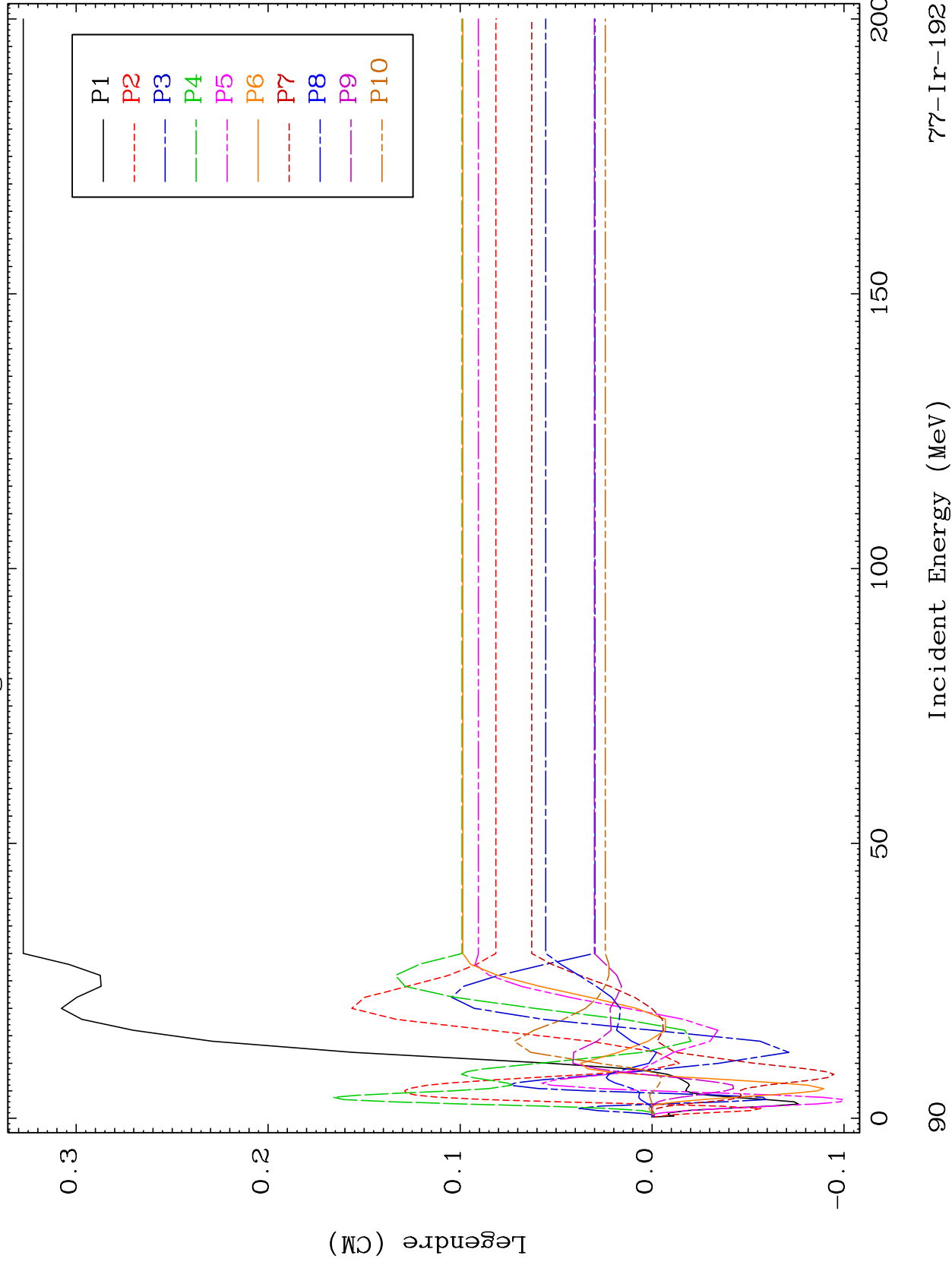
77-Ir-192



MAT 7728

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

77-Ir-192

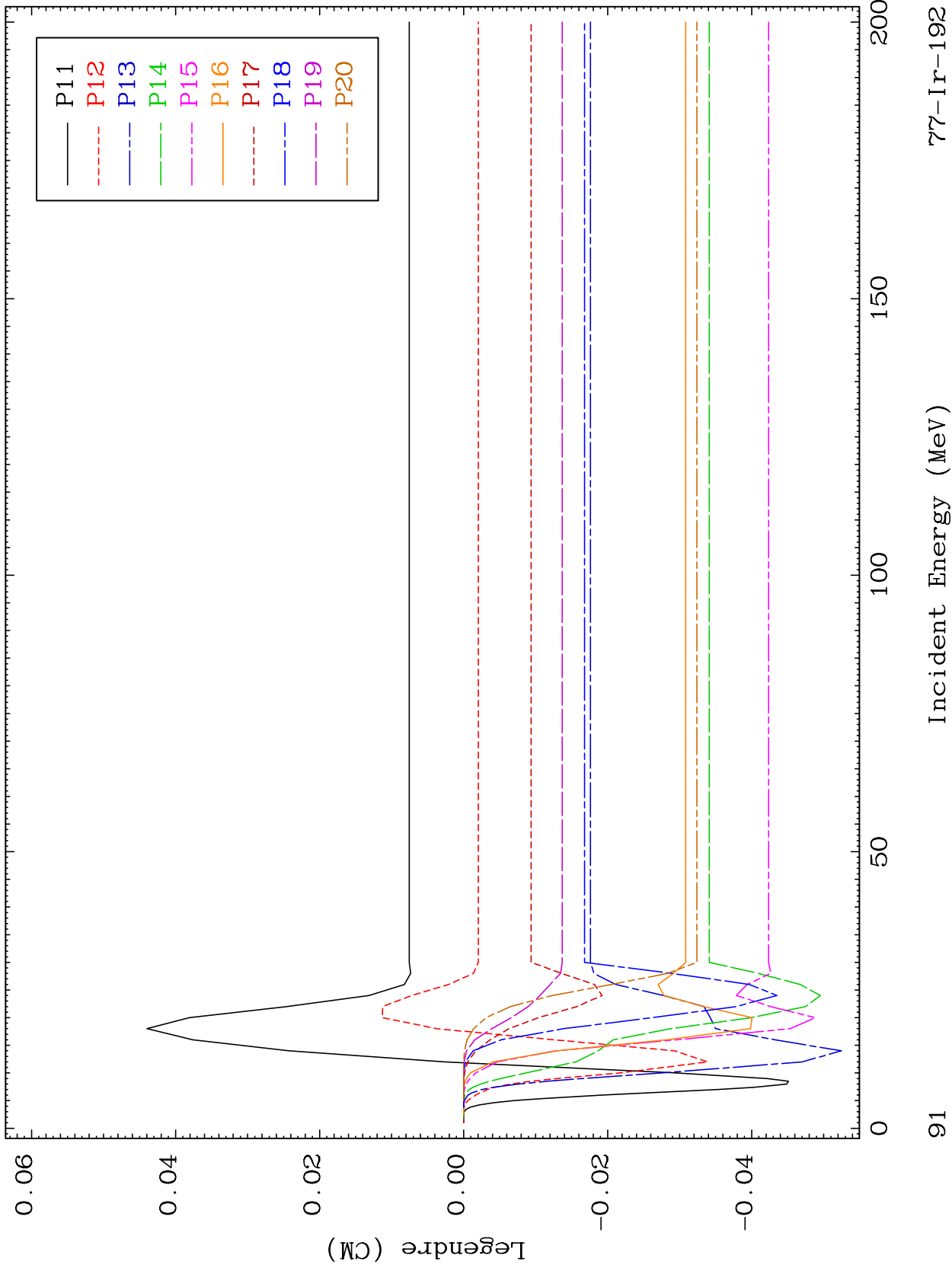


77-Ir-192

MAT 7728

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

77-Ir-192



91

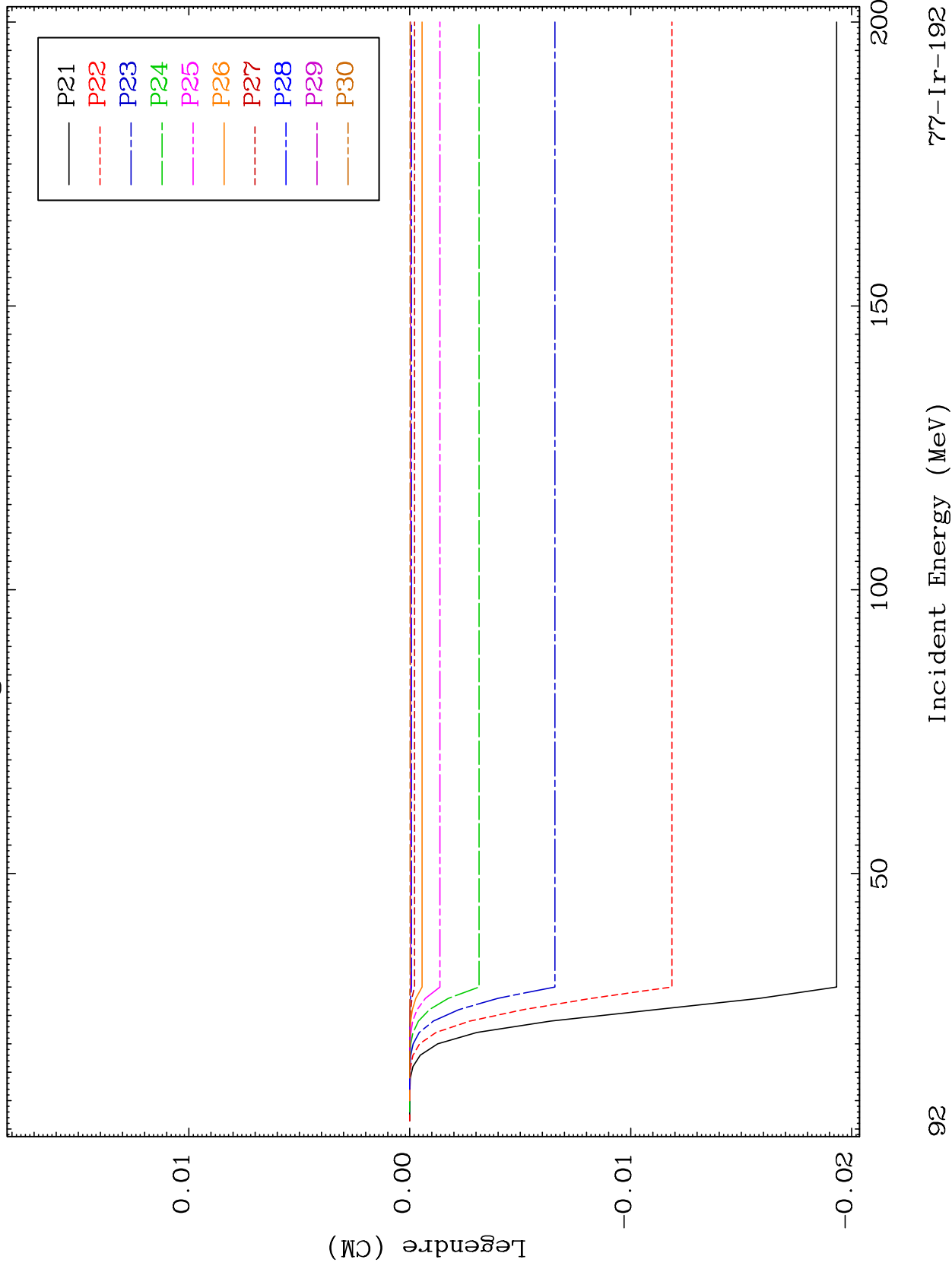
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

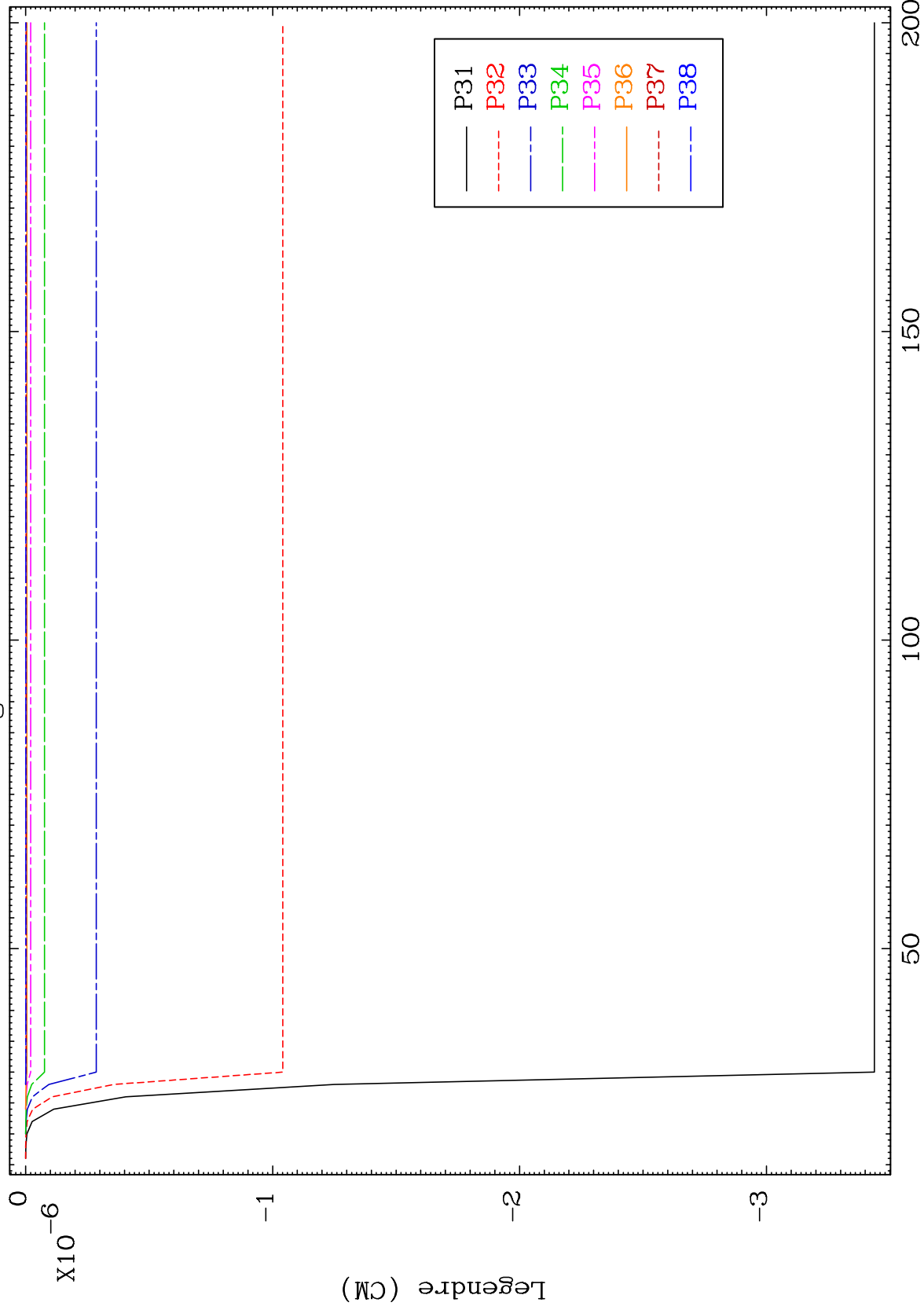
77-Ir-192



92

Incident Energy (MeV)

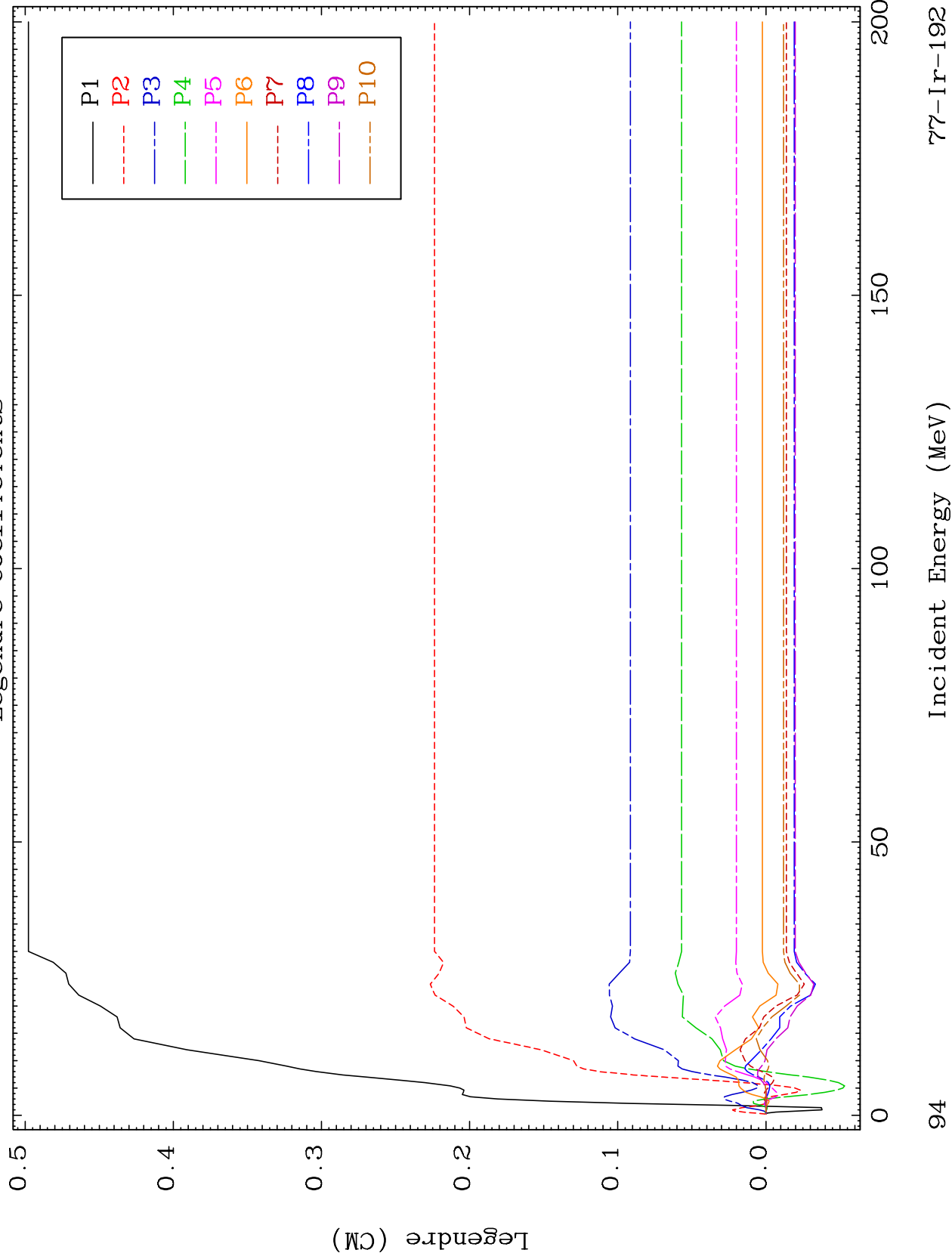
77-Ir-192



MAT 7728

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

77-Ir-192



94

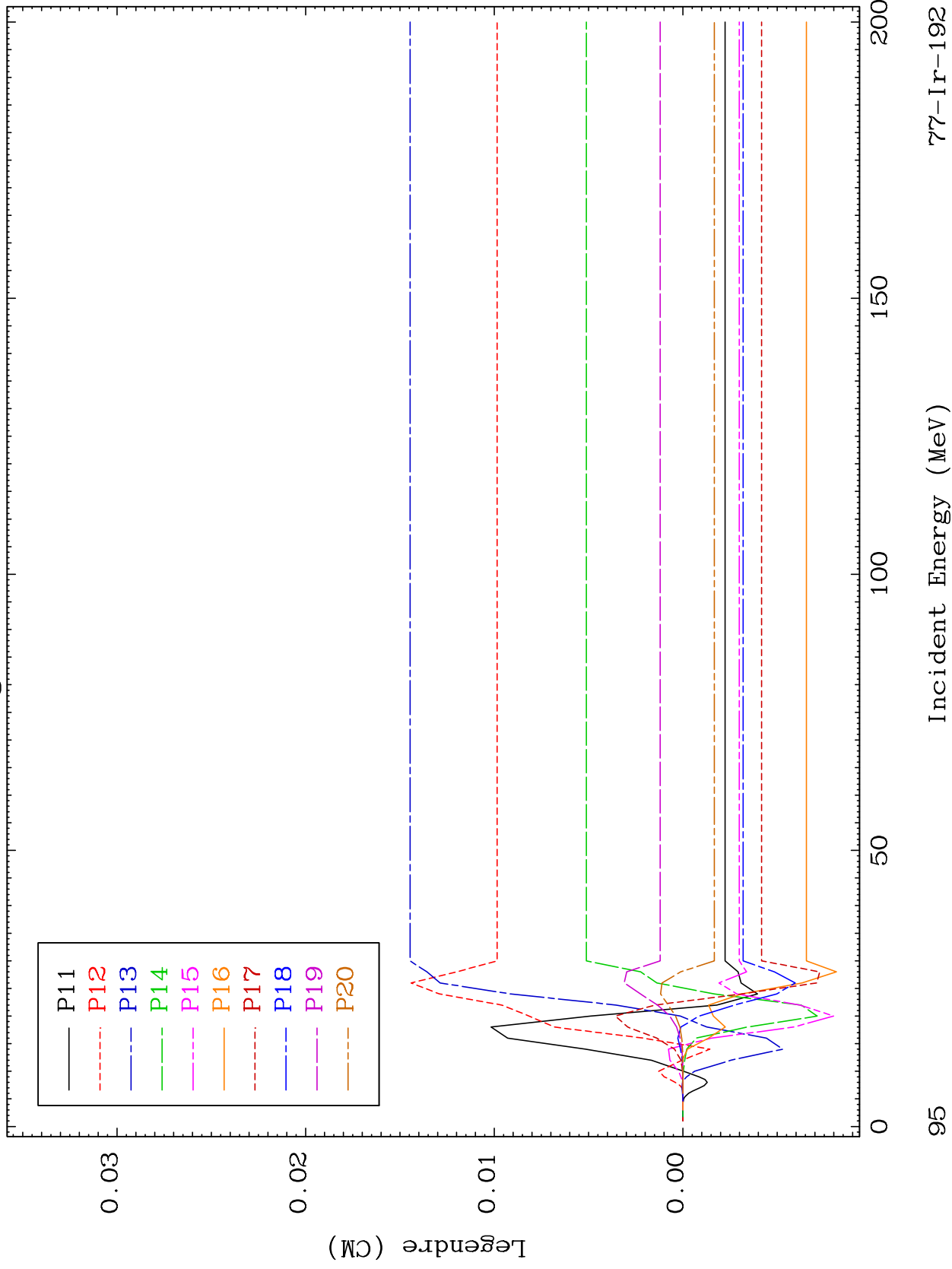
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

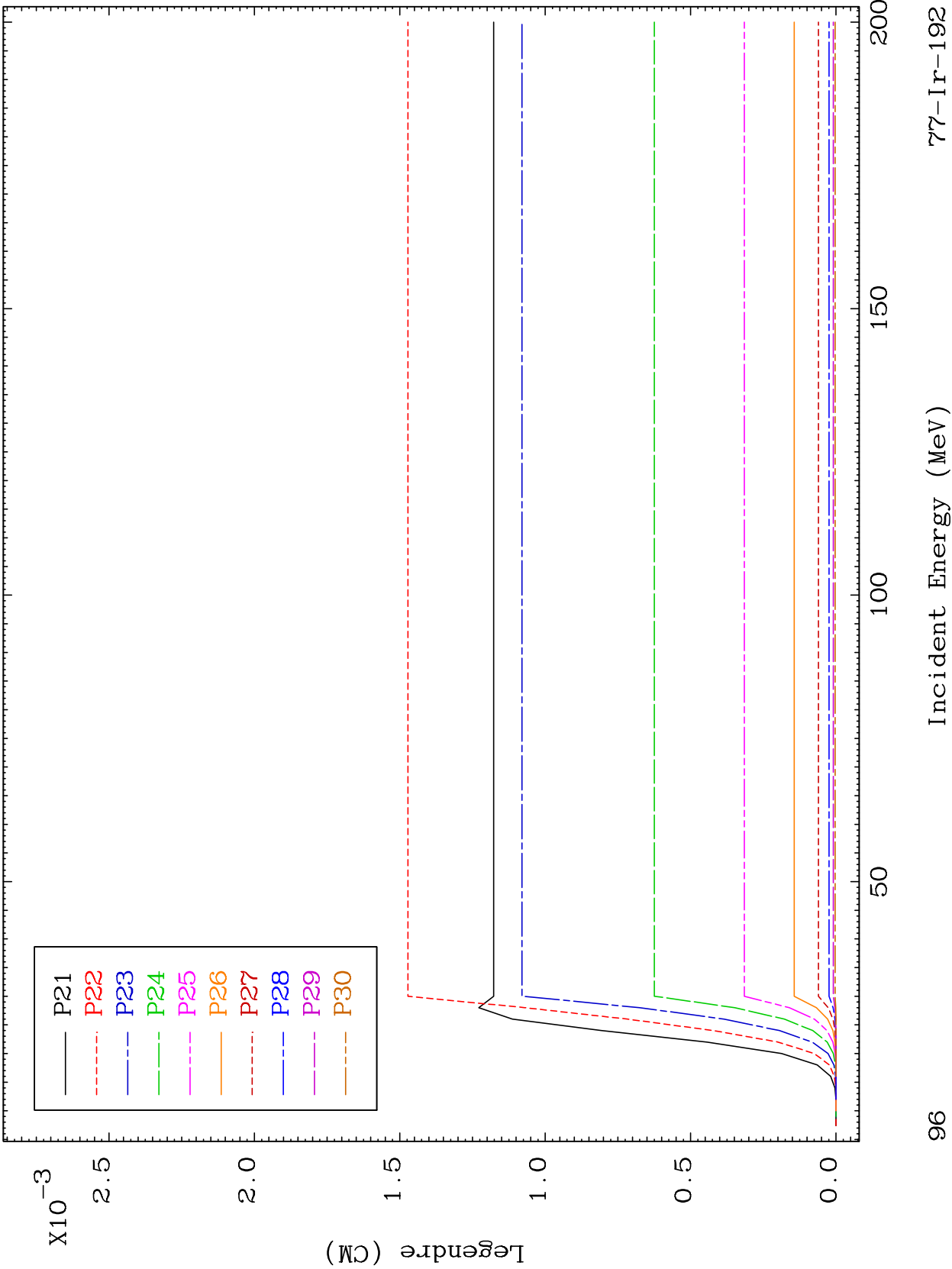
77-Ir-192



77-Ir-192

Incident Energy (MeV)

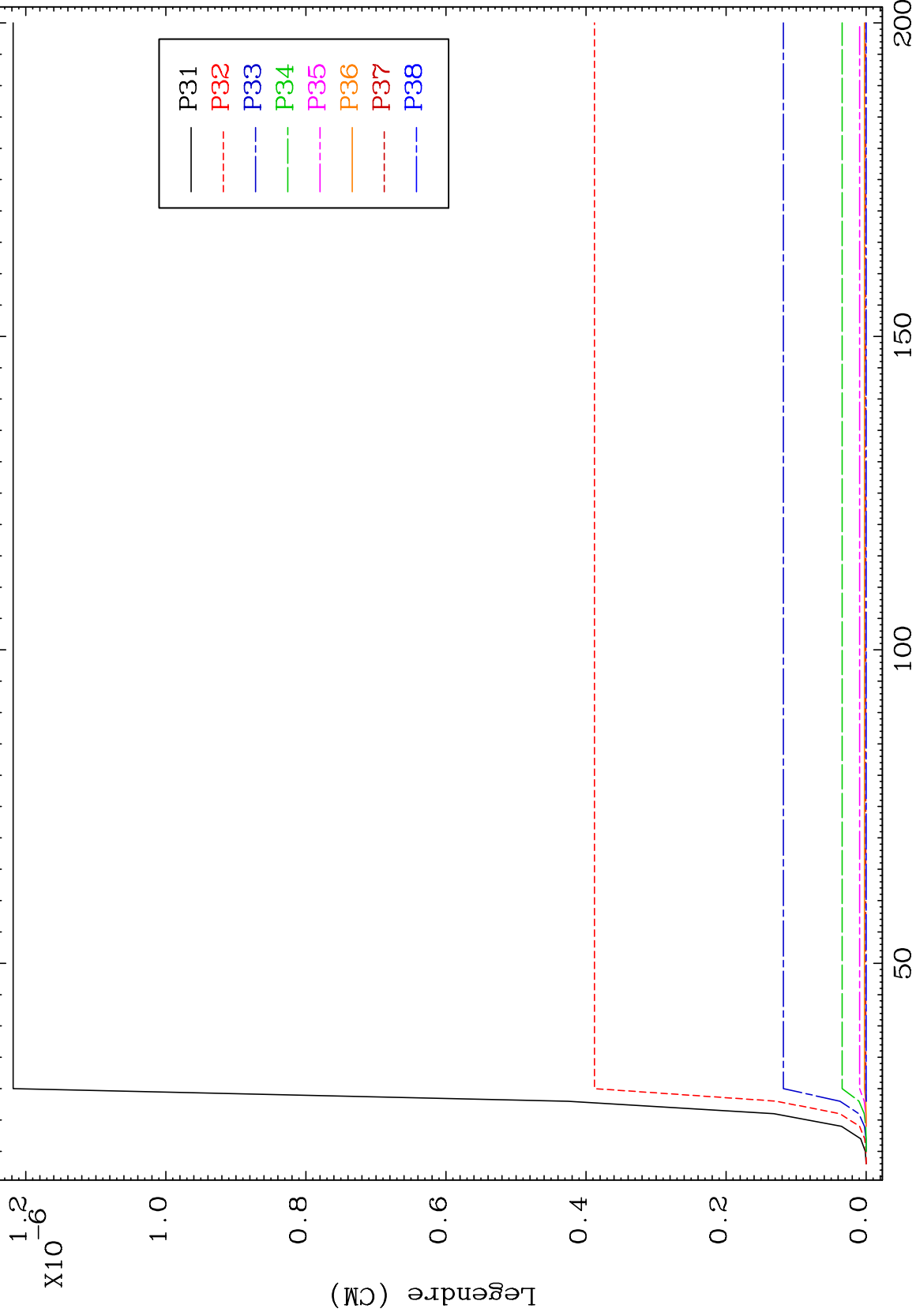
95



MAT 7728

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

77-Ir-192



97

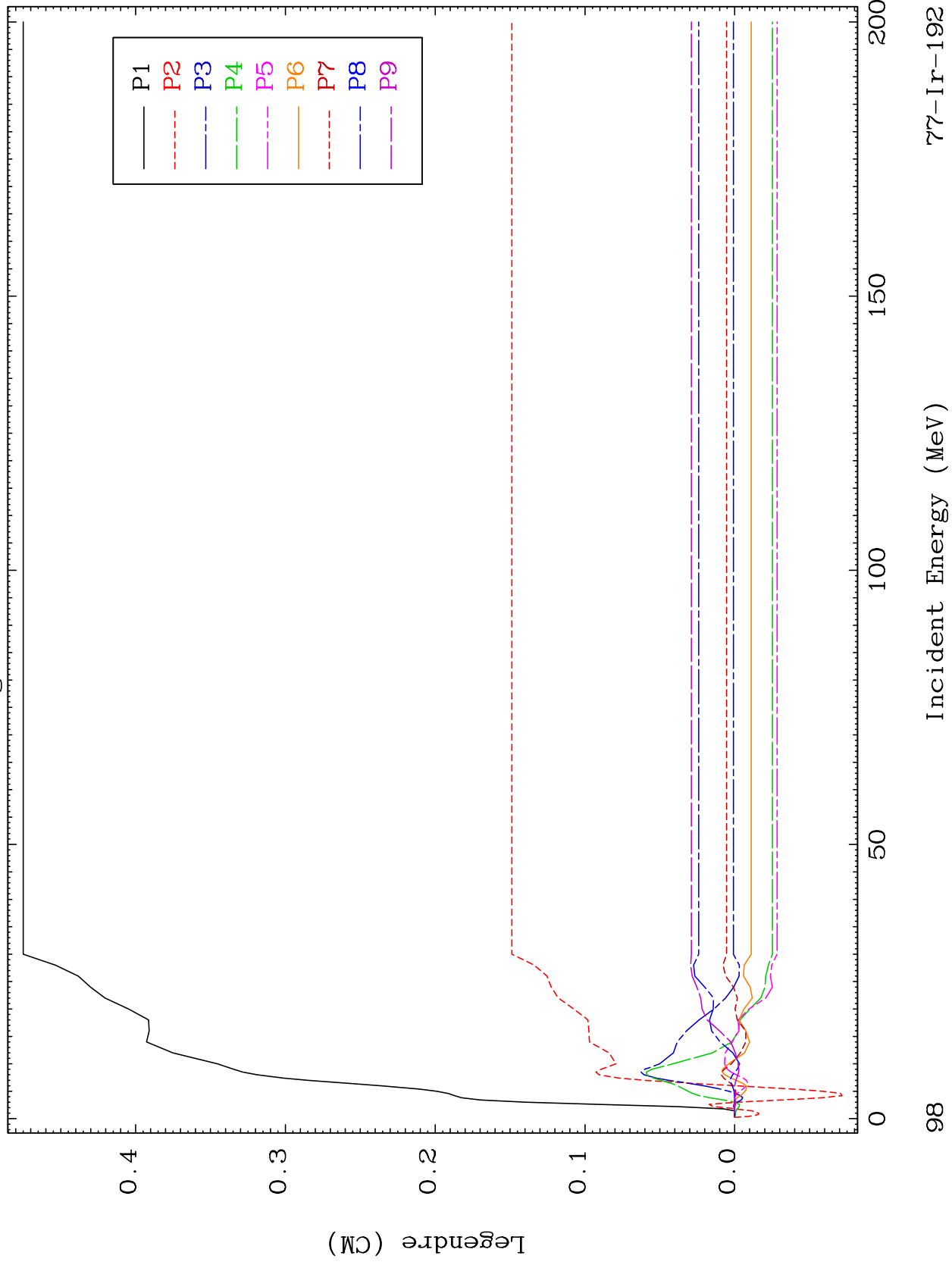
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

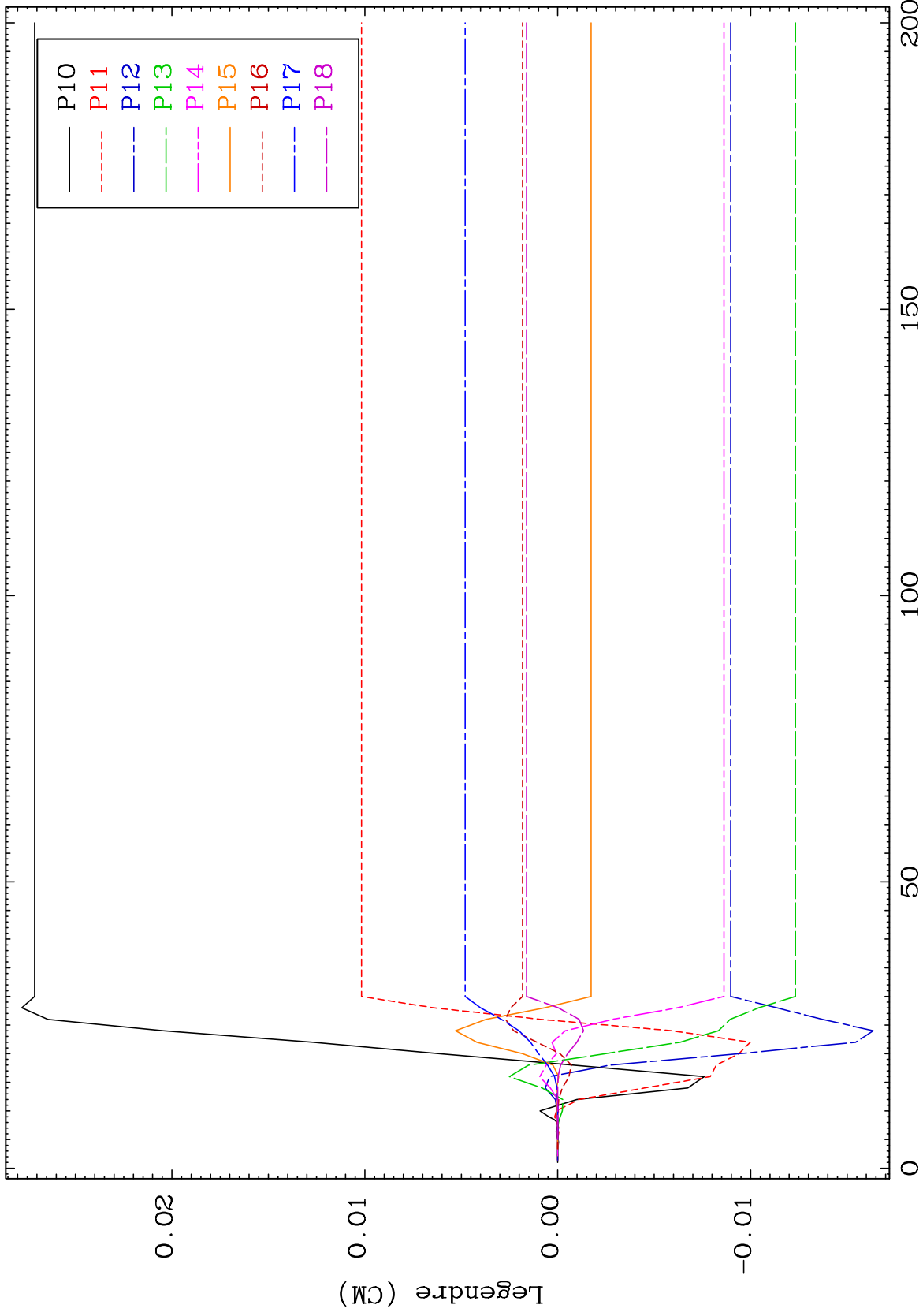
Incident Energy (MeV)

98

MAT 7728

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

77-Ir-192



99

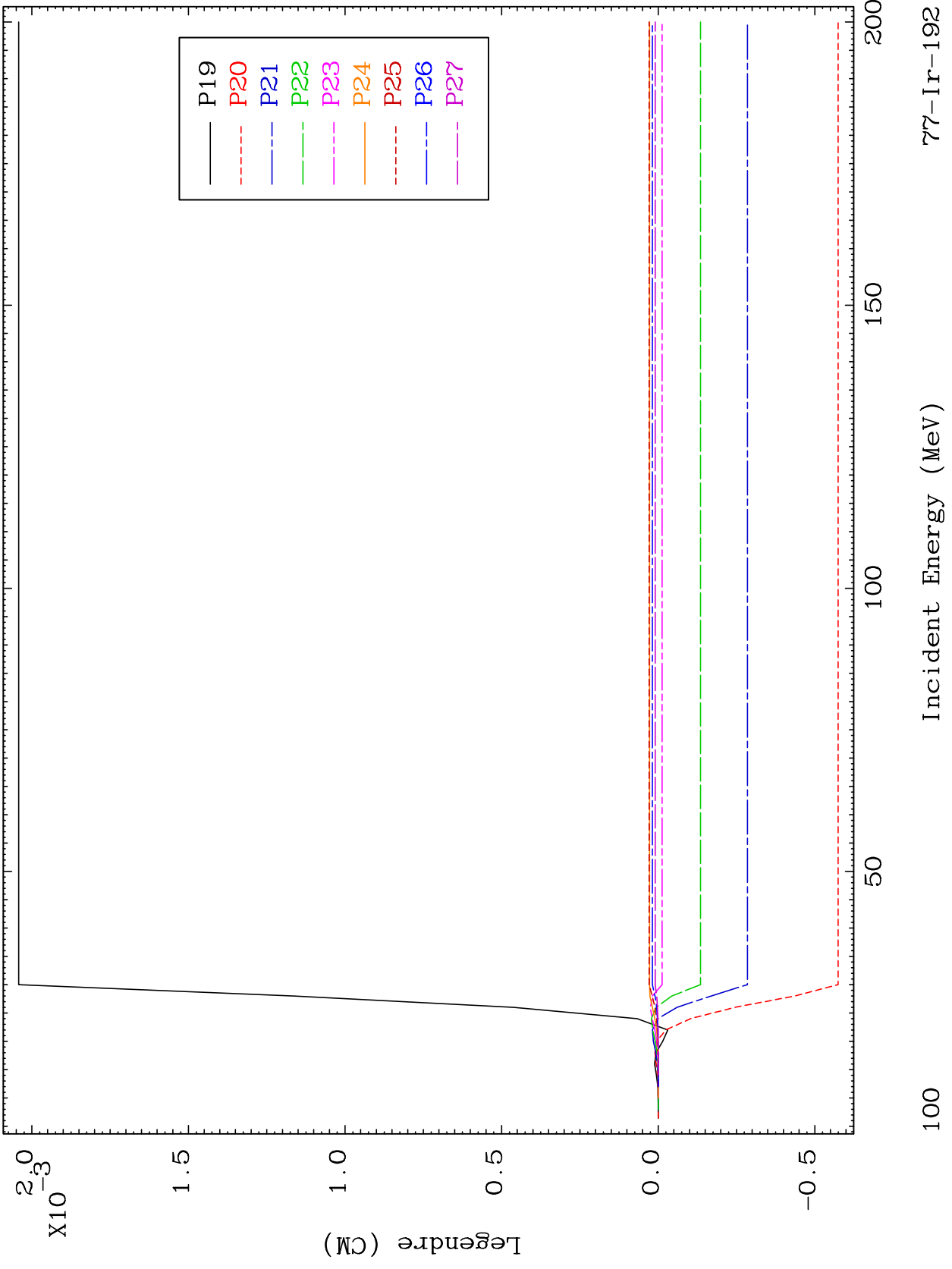
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

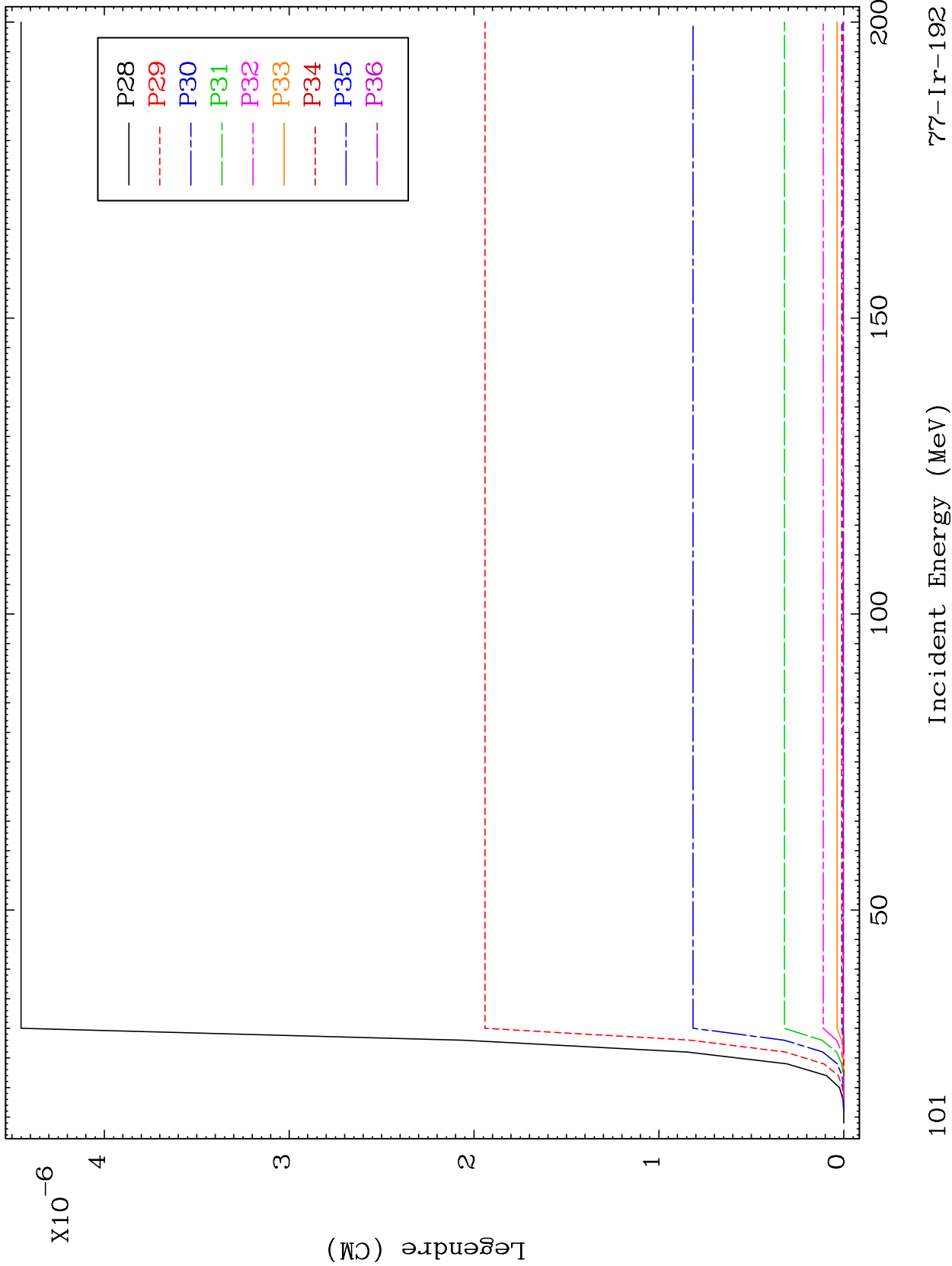
Incident Energy (MeV)

100

MAT 7728

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

77-Ir-192

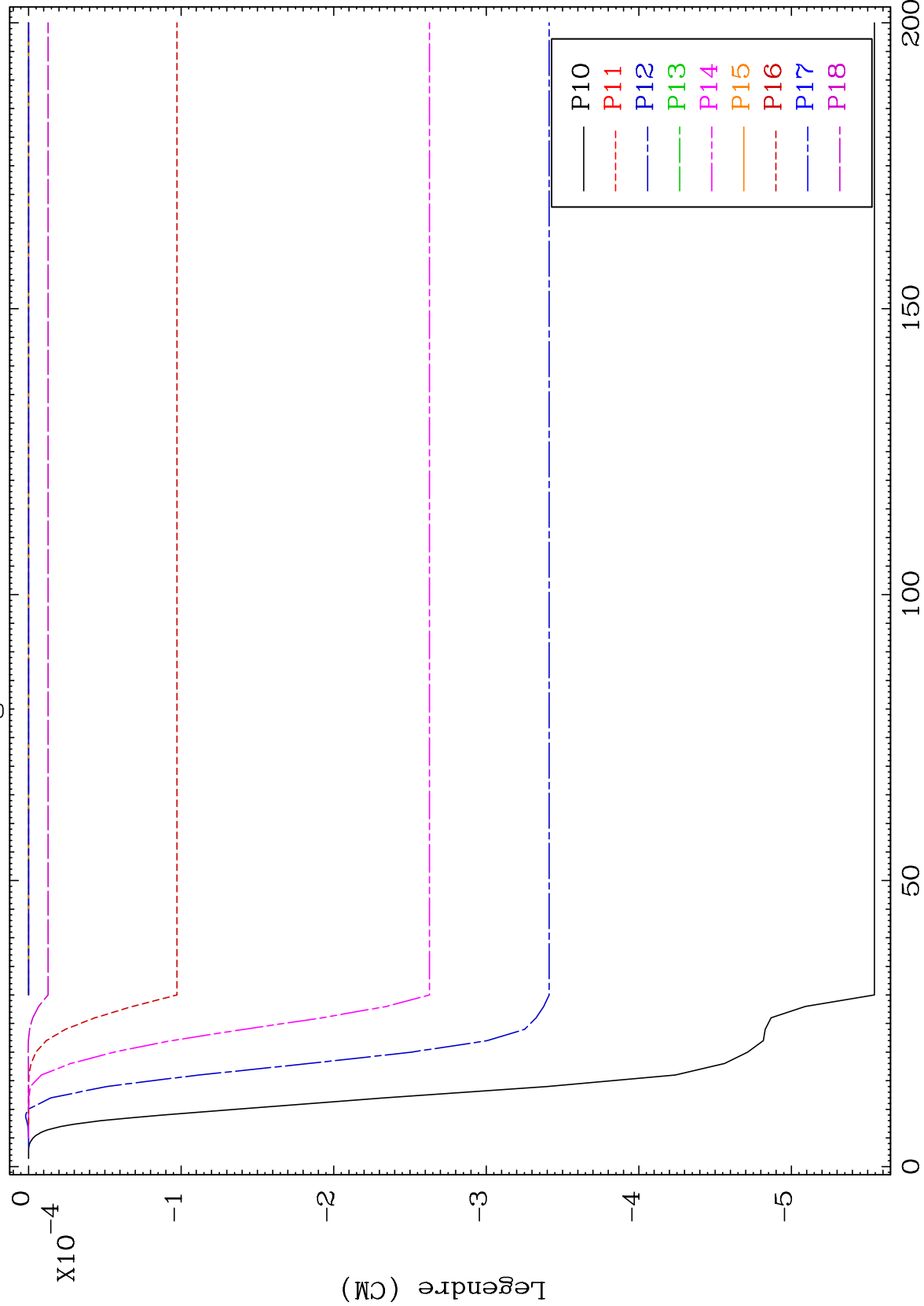


101

MAT 7728

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

77-Ir-192



103

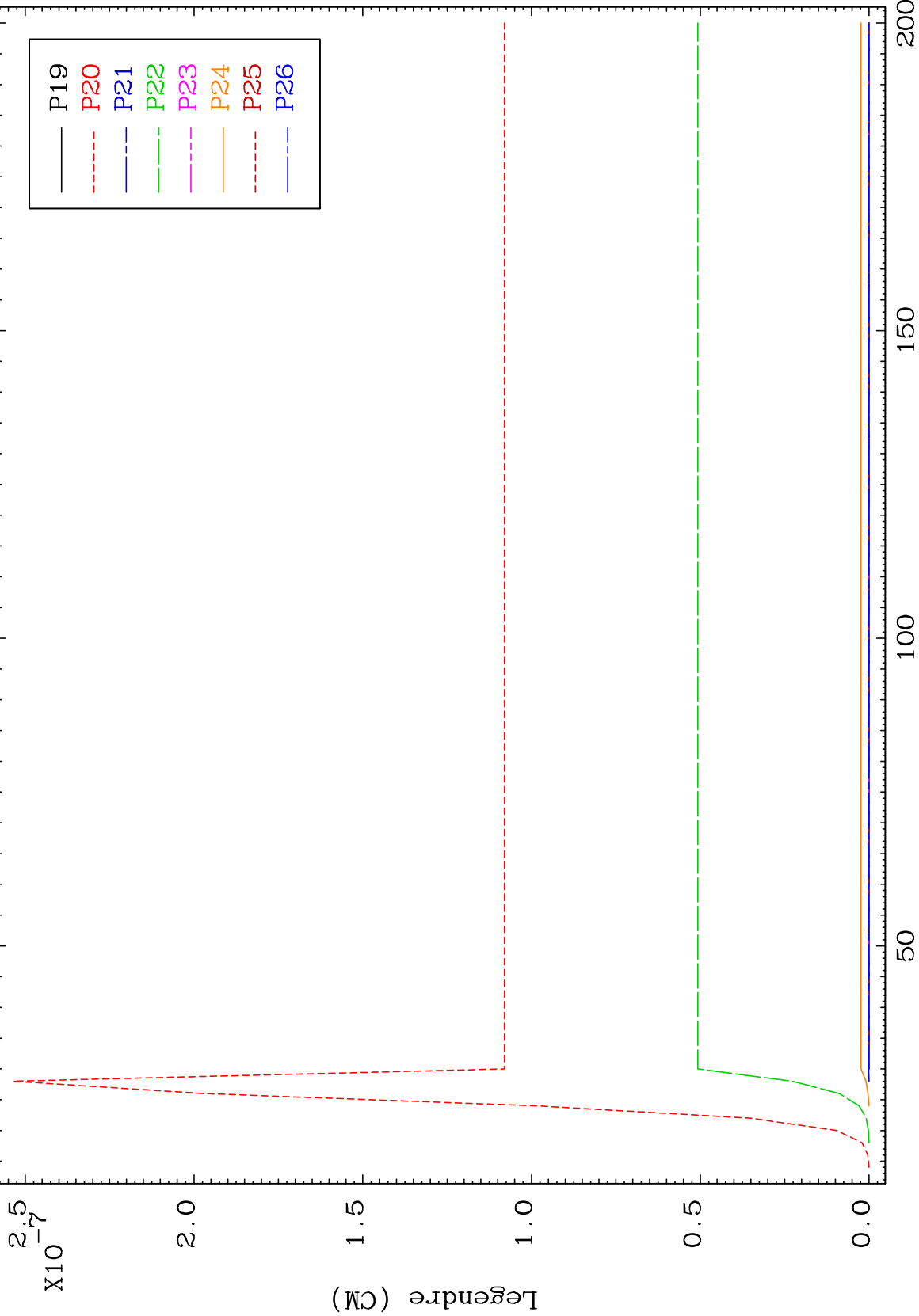
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



104

Incident Energy (MeV)

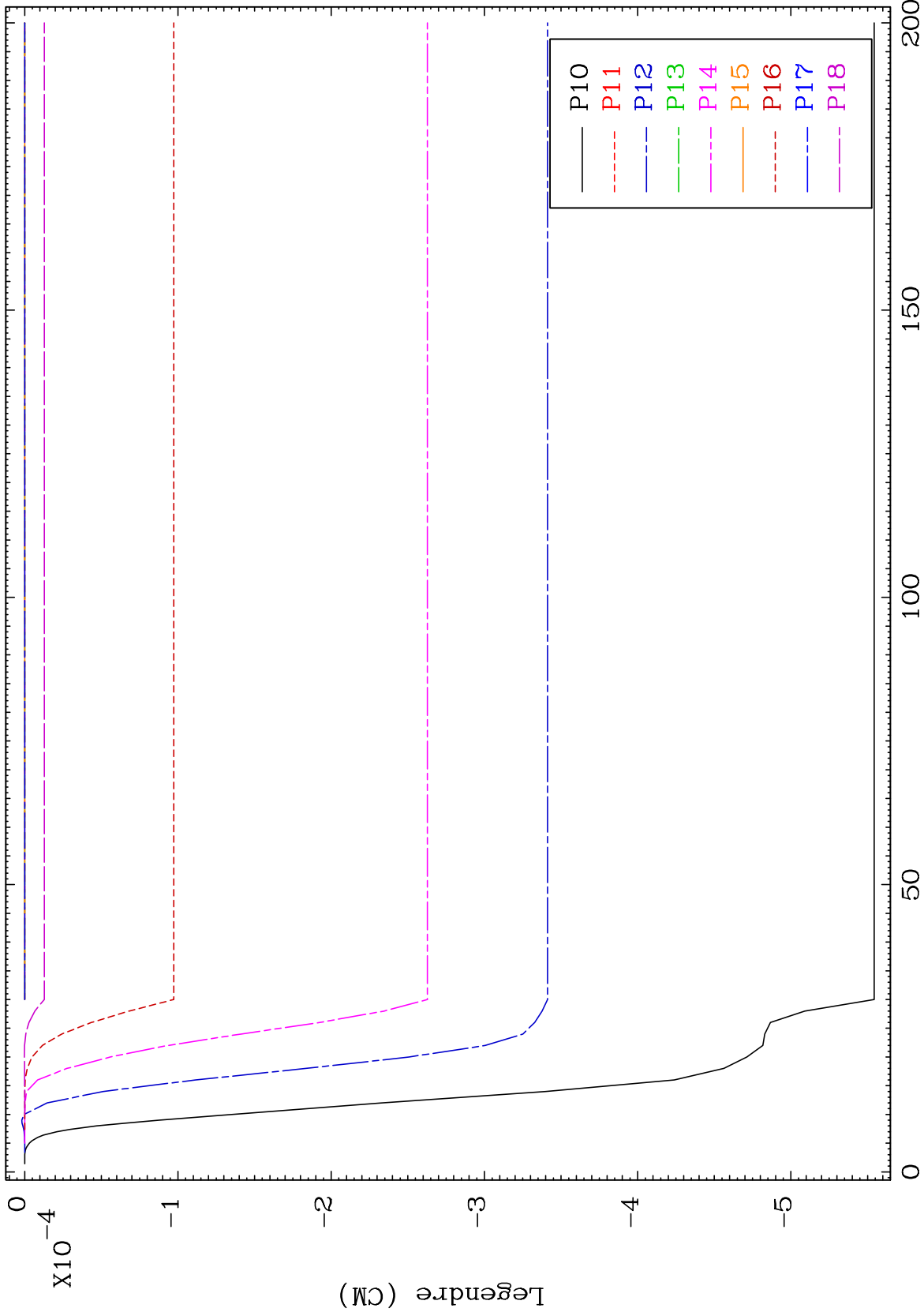
77-Ir-192

MAT 7728

MT= 75 (n,n') Level

77-Ir-192

Legendre Coefficients



106

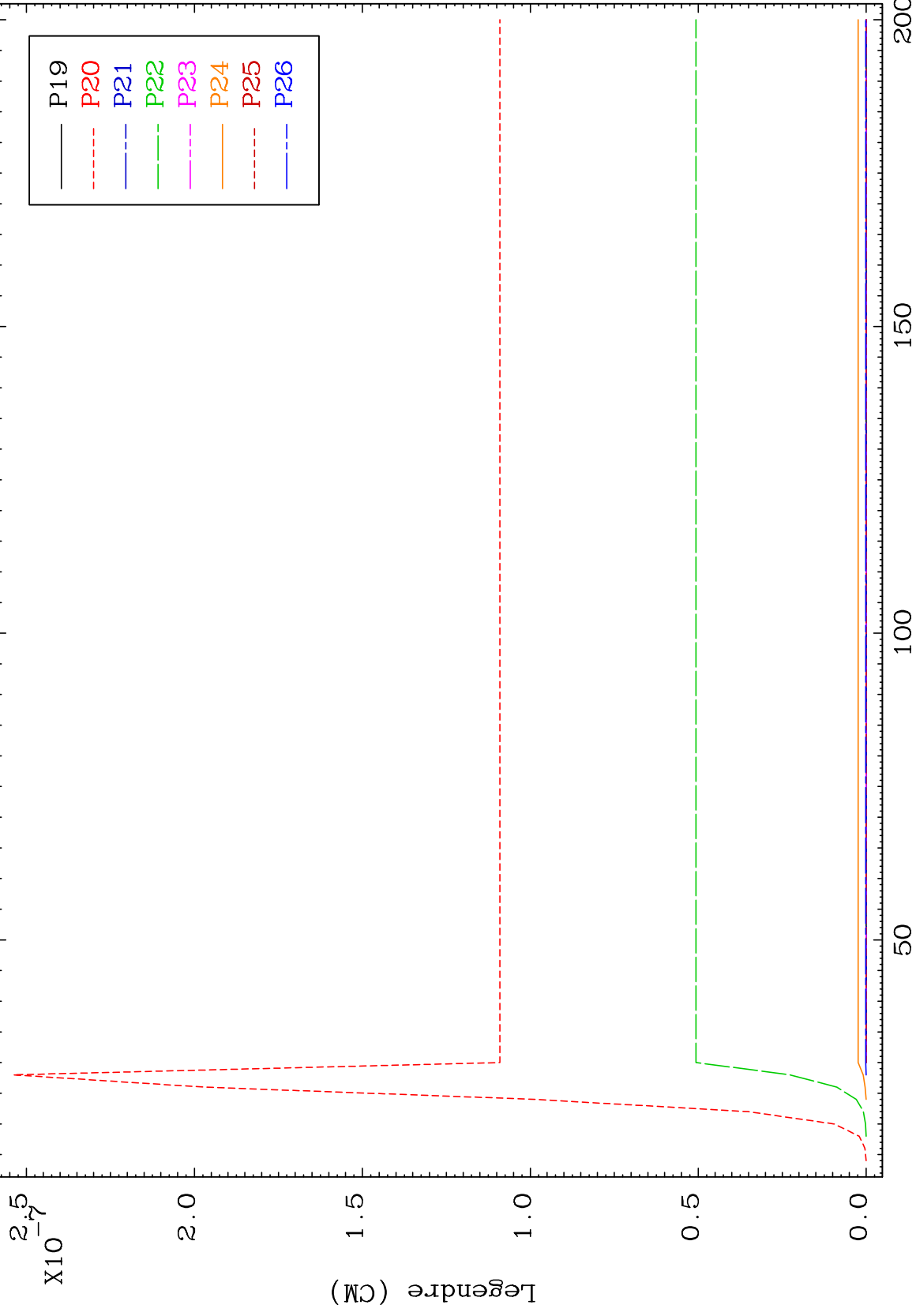
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



107

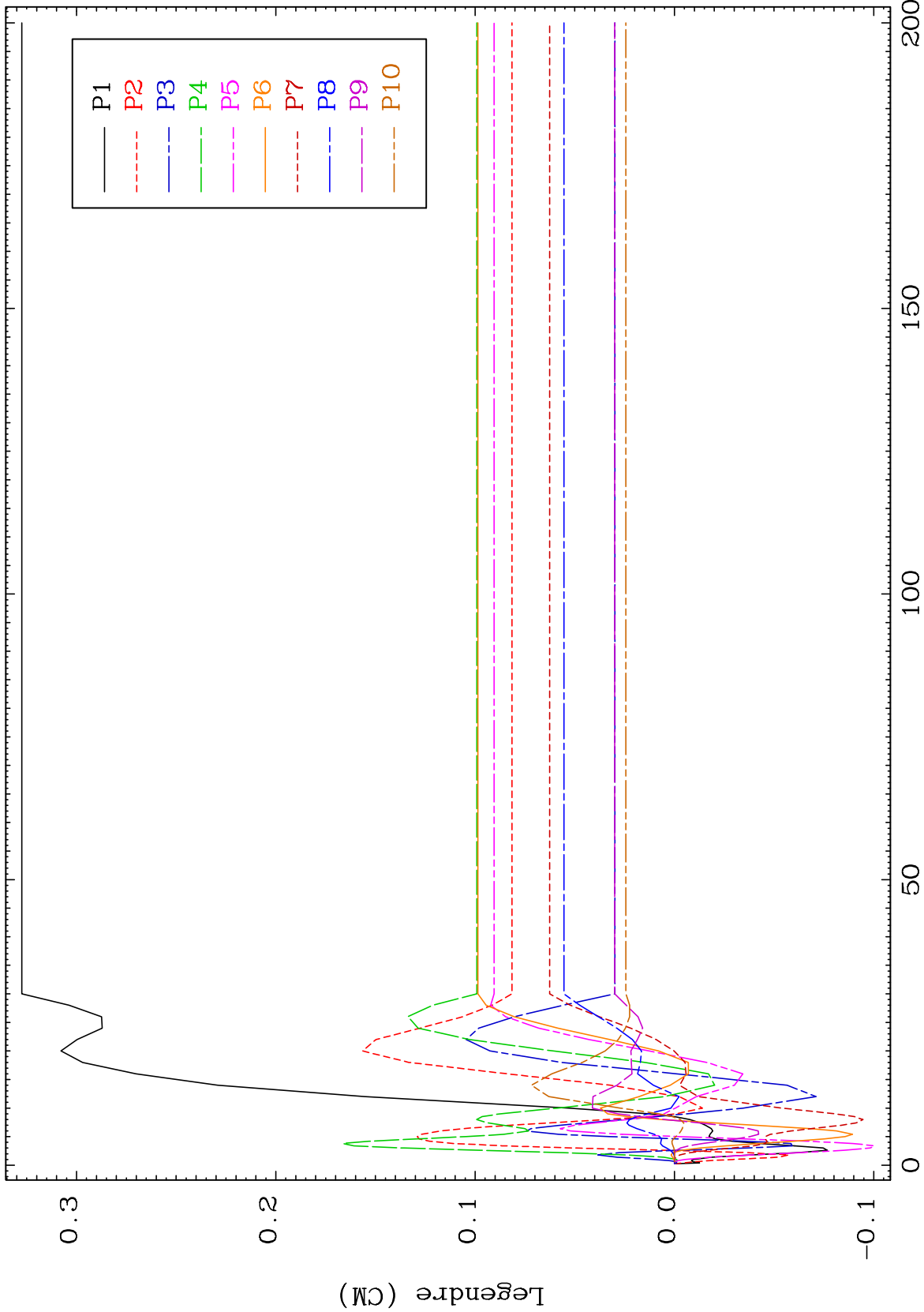
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

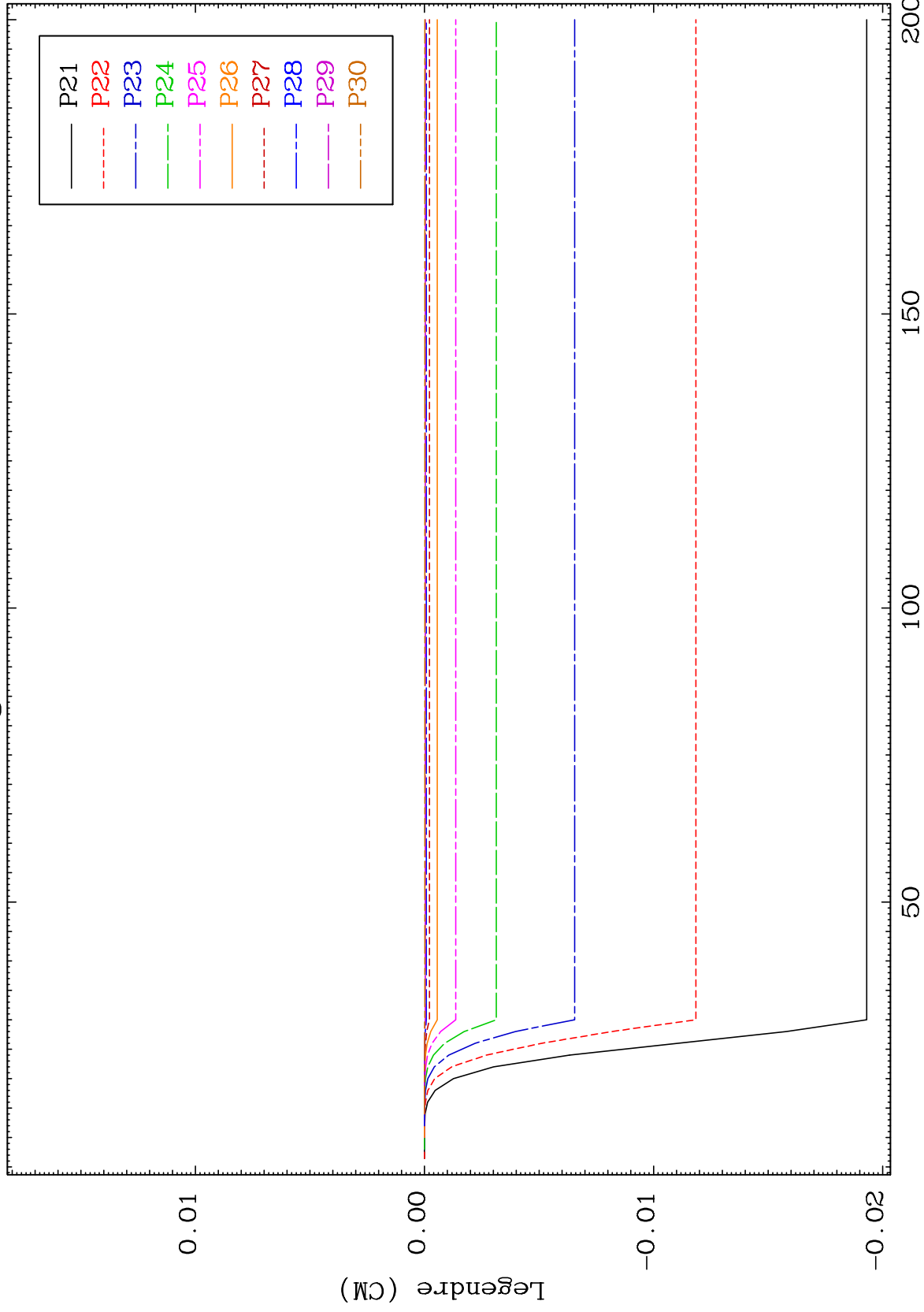
Incident Energy (MeV)

108

MAT 7728

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

77-Ir-192



110

Incident Energy (MeV)

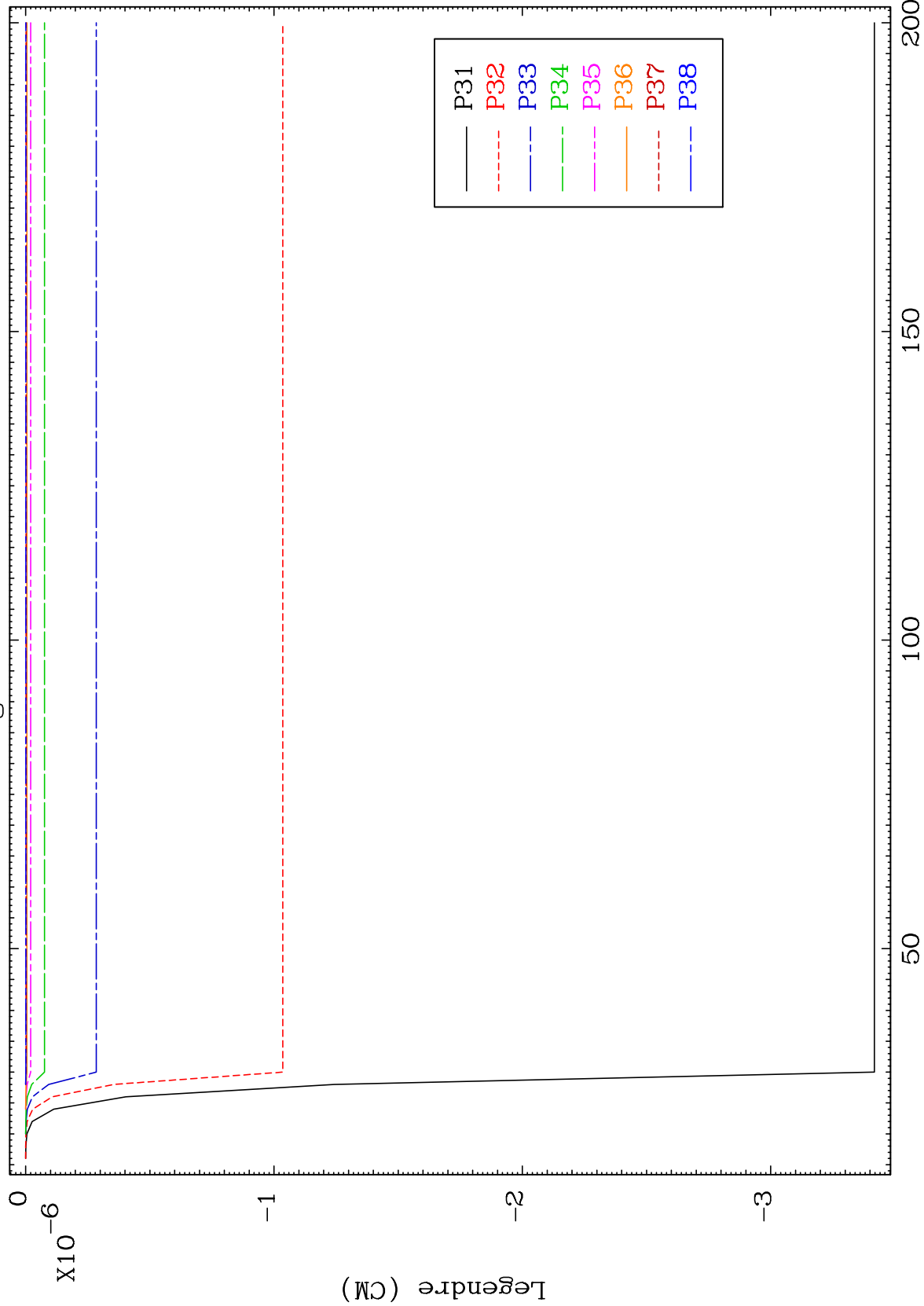
77-Ir-192

MAT 7728

MT= 76 (n,n') Level

77-Ir-192

Legendre Coefficients



77-Ir-192

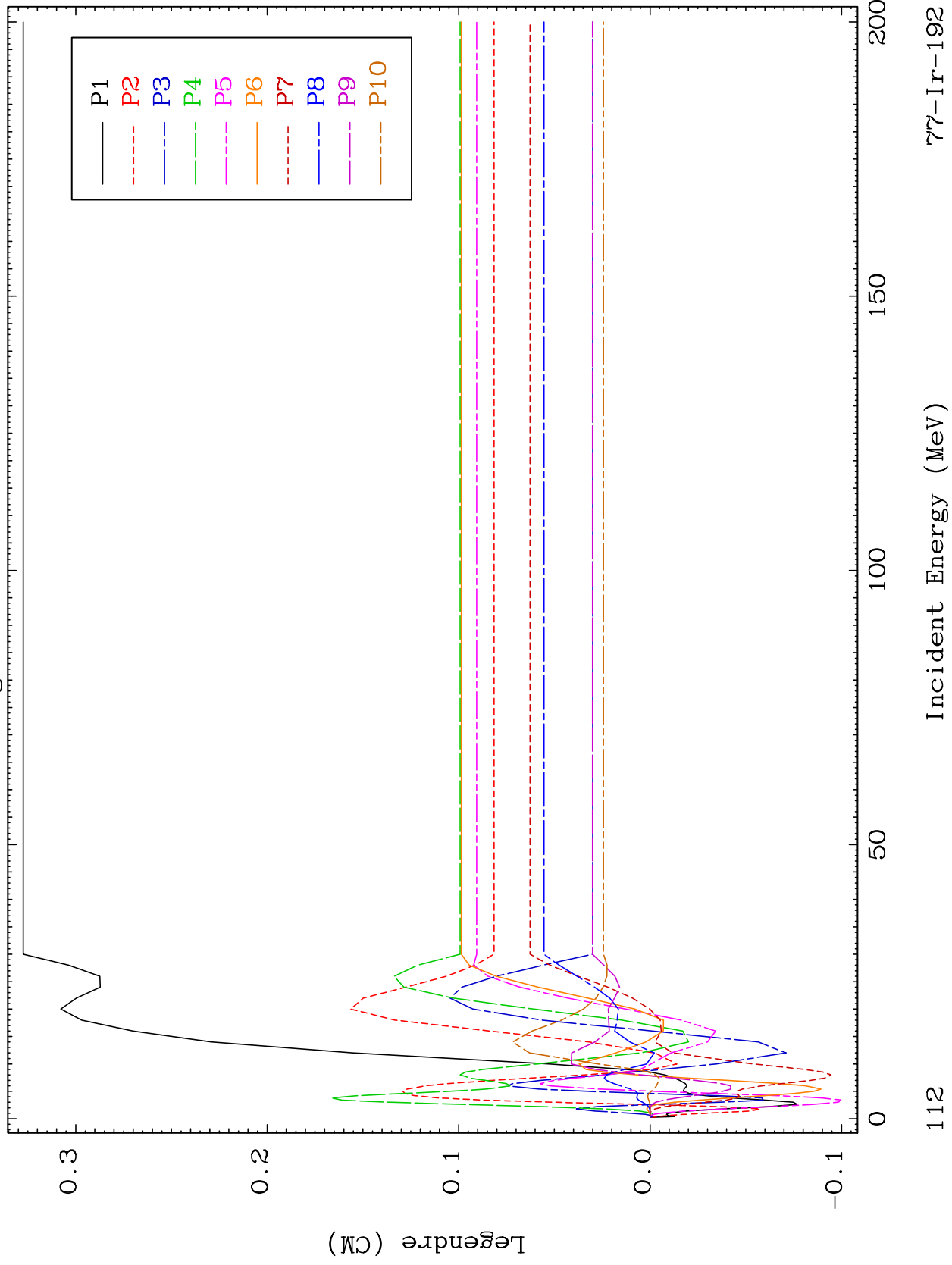
Incident Energy (MeV)

111

MAT 7728

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

77-Ir-192



77-Ir-192

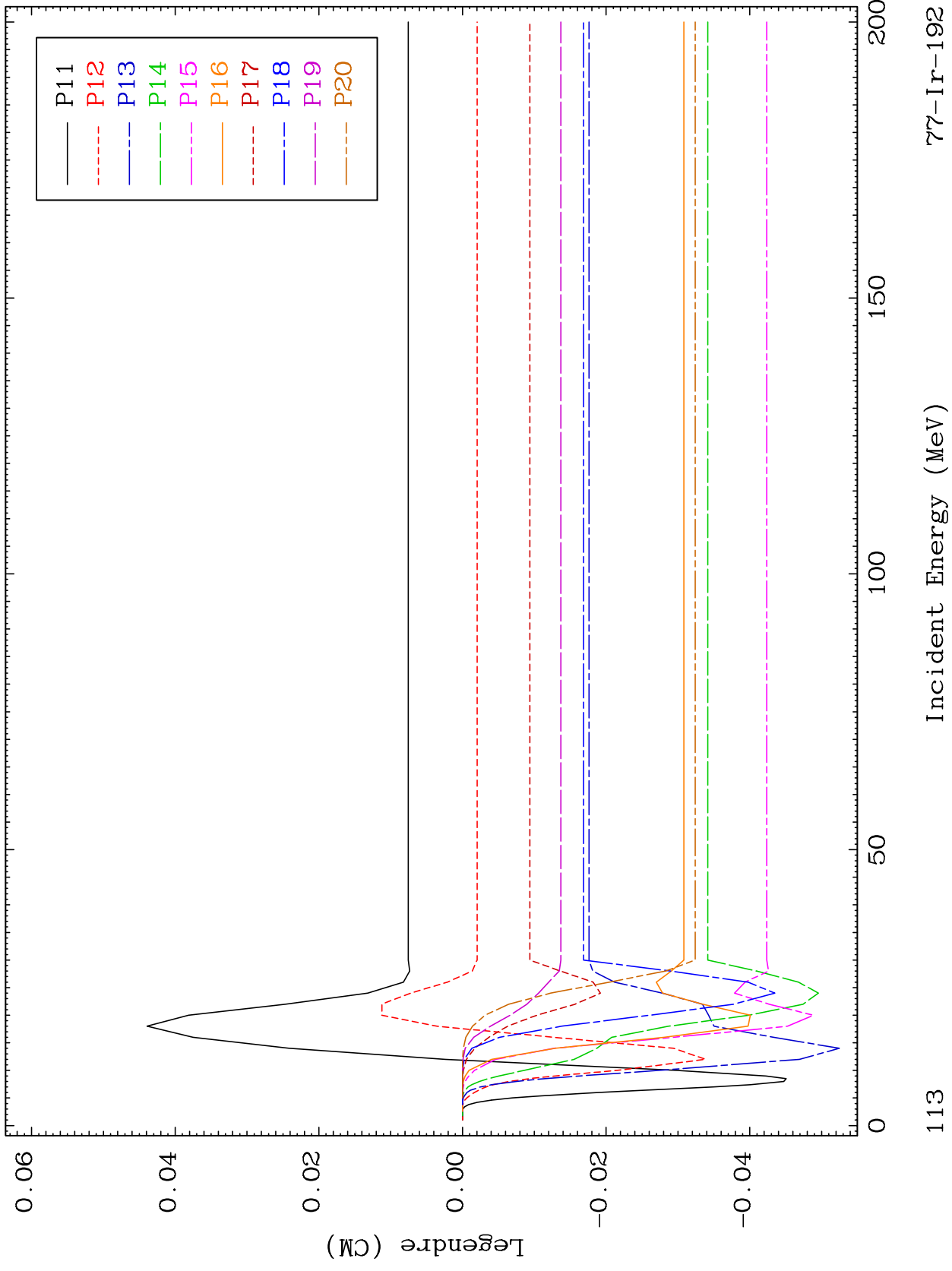
Incident Energy (MeV)

112

MAT 7728

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

77-Ir-192



113

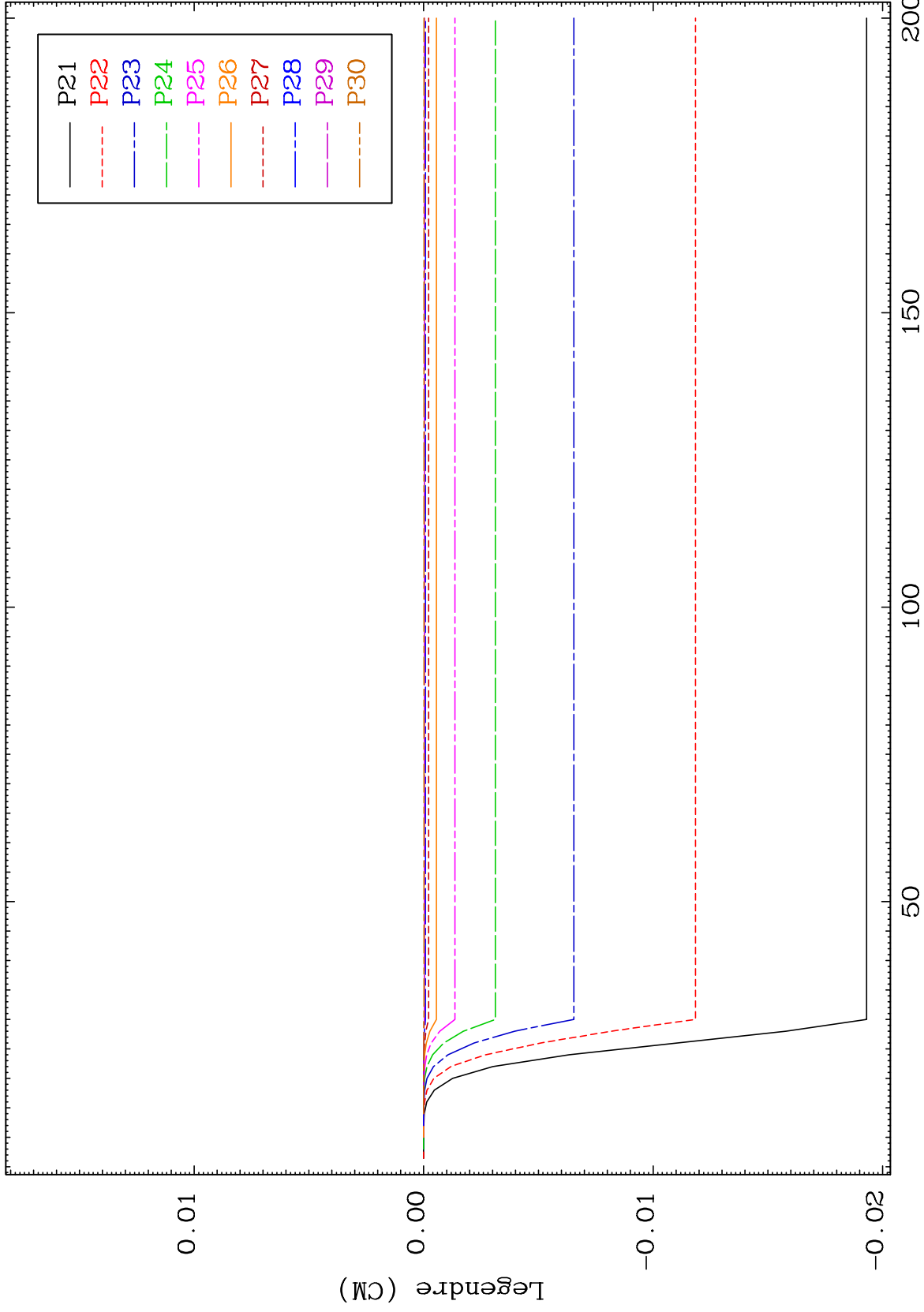
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



114

Incident Energy (MeV)

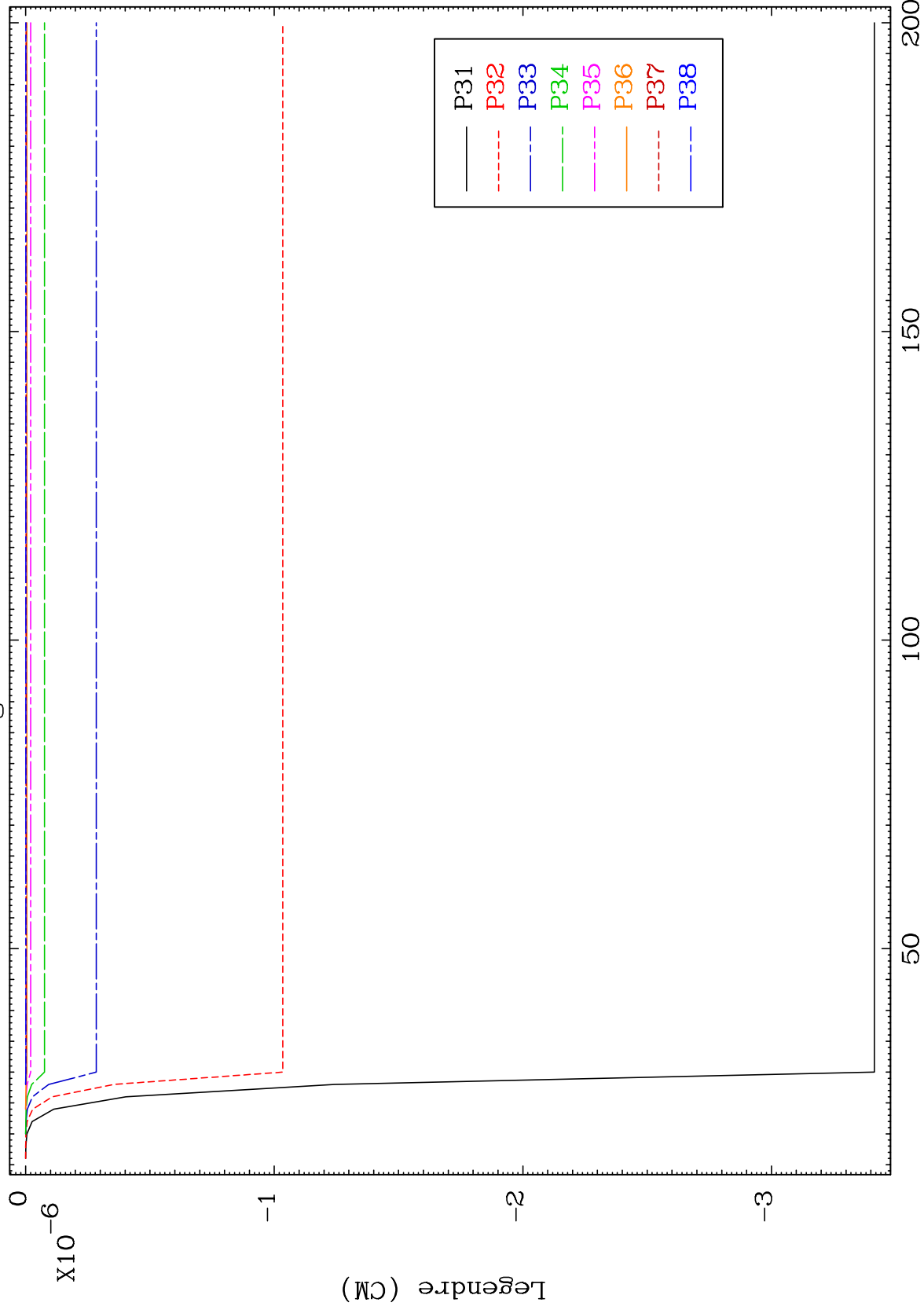
77-Ir-192

MAT 7728

MT= 77 (n,n') Level

77-Ir-192

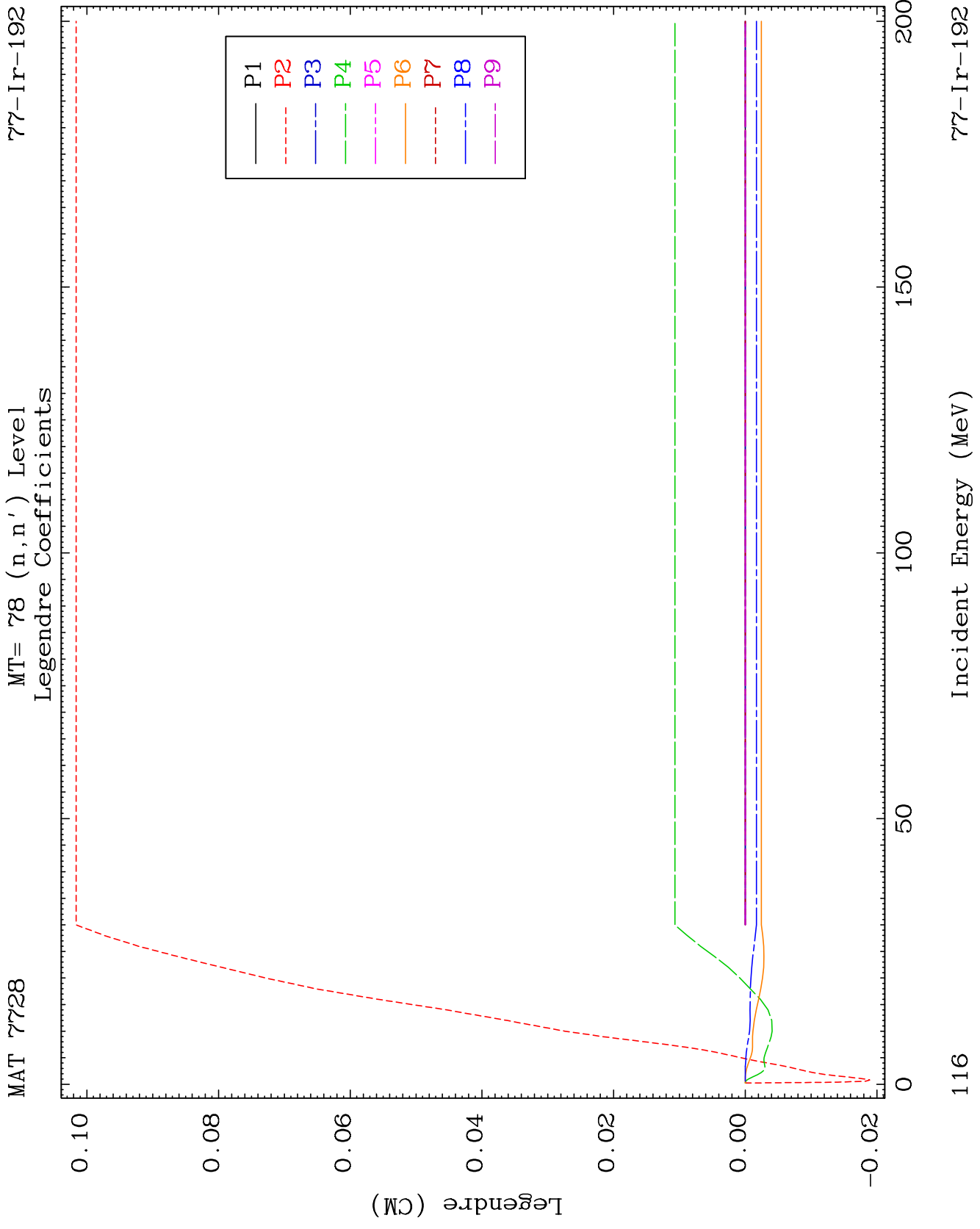
Legendre Coefficients



77-Ir-192

Incident Energy (MeV)

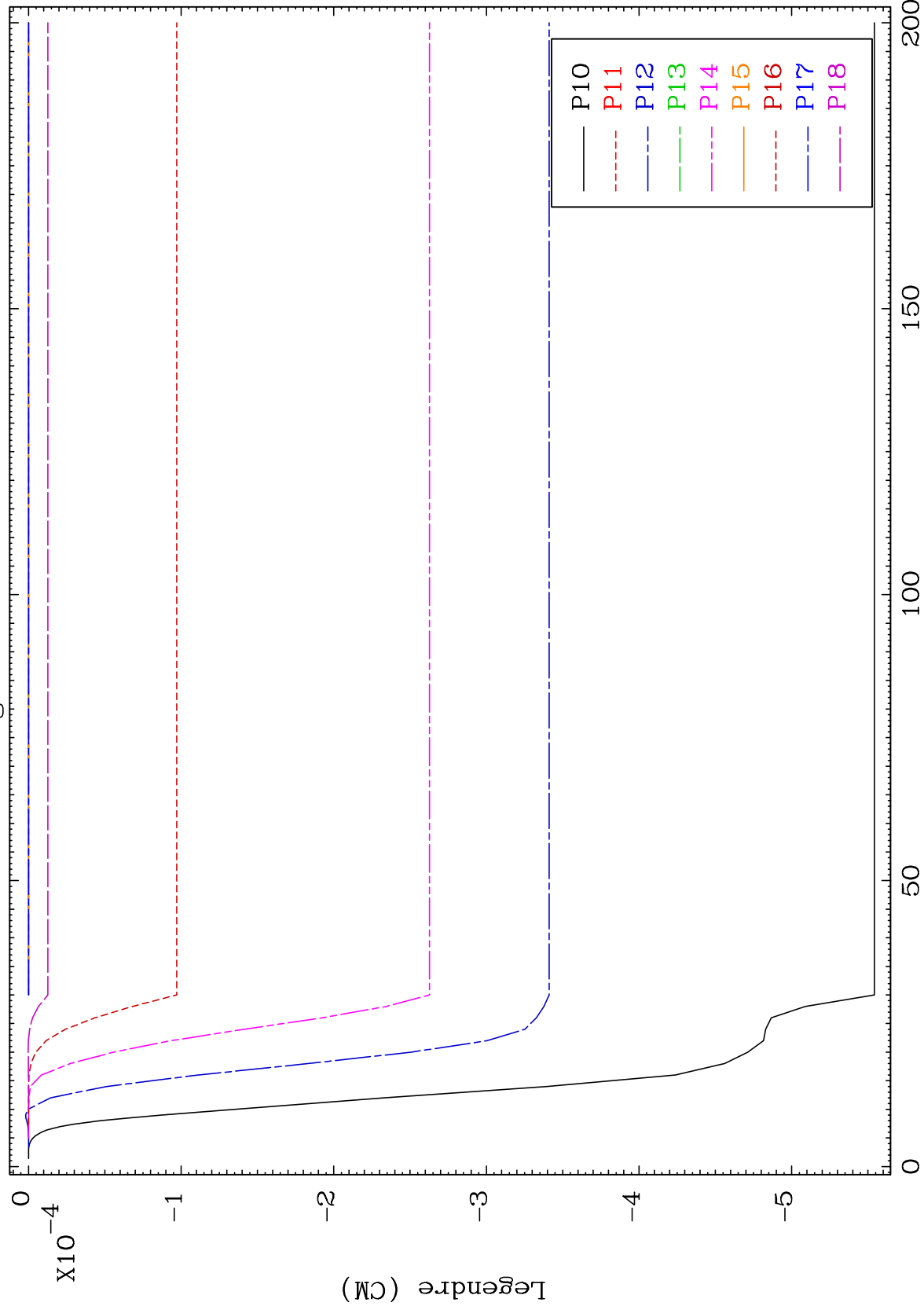
115



MAT 7728

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

77-Ir-192



117

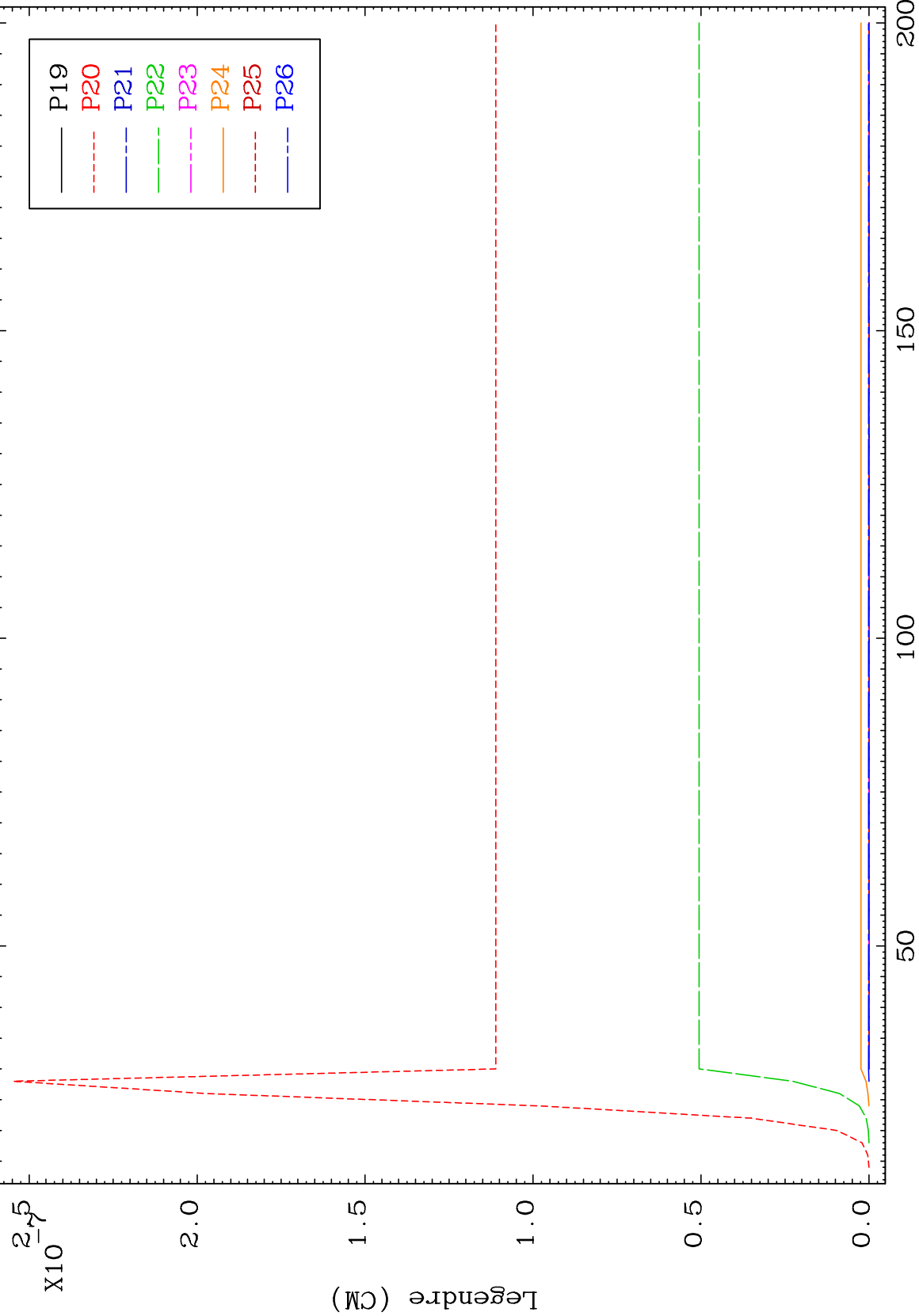
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



118

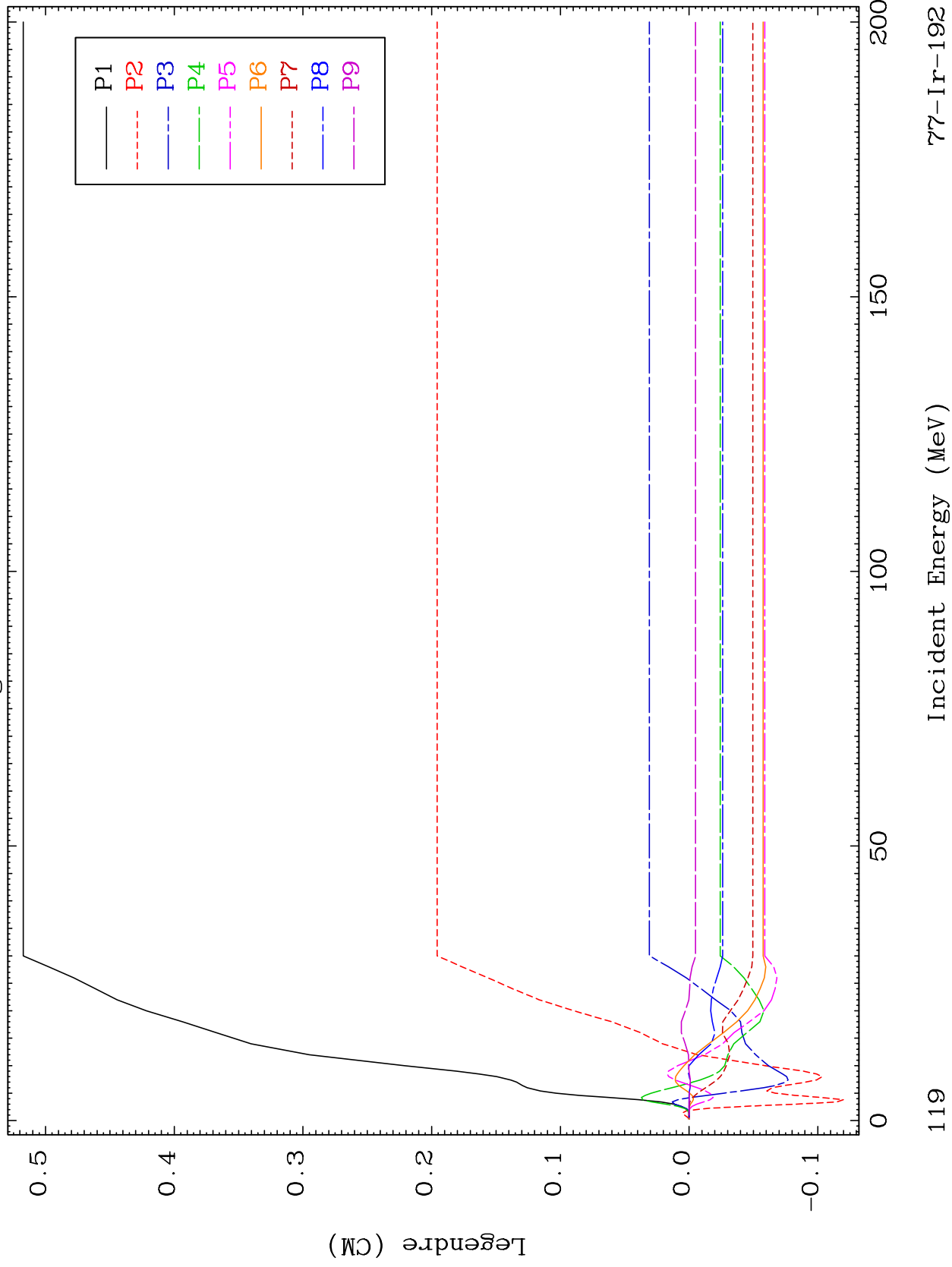
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



119

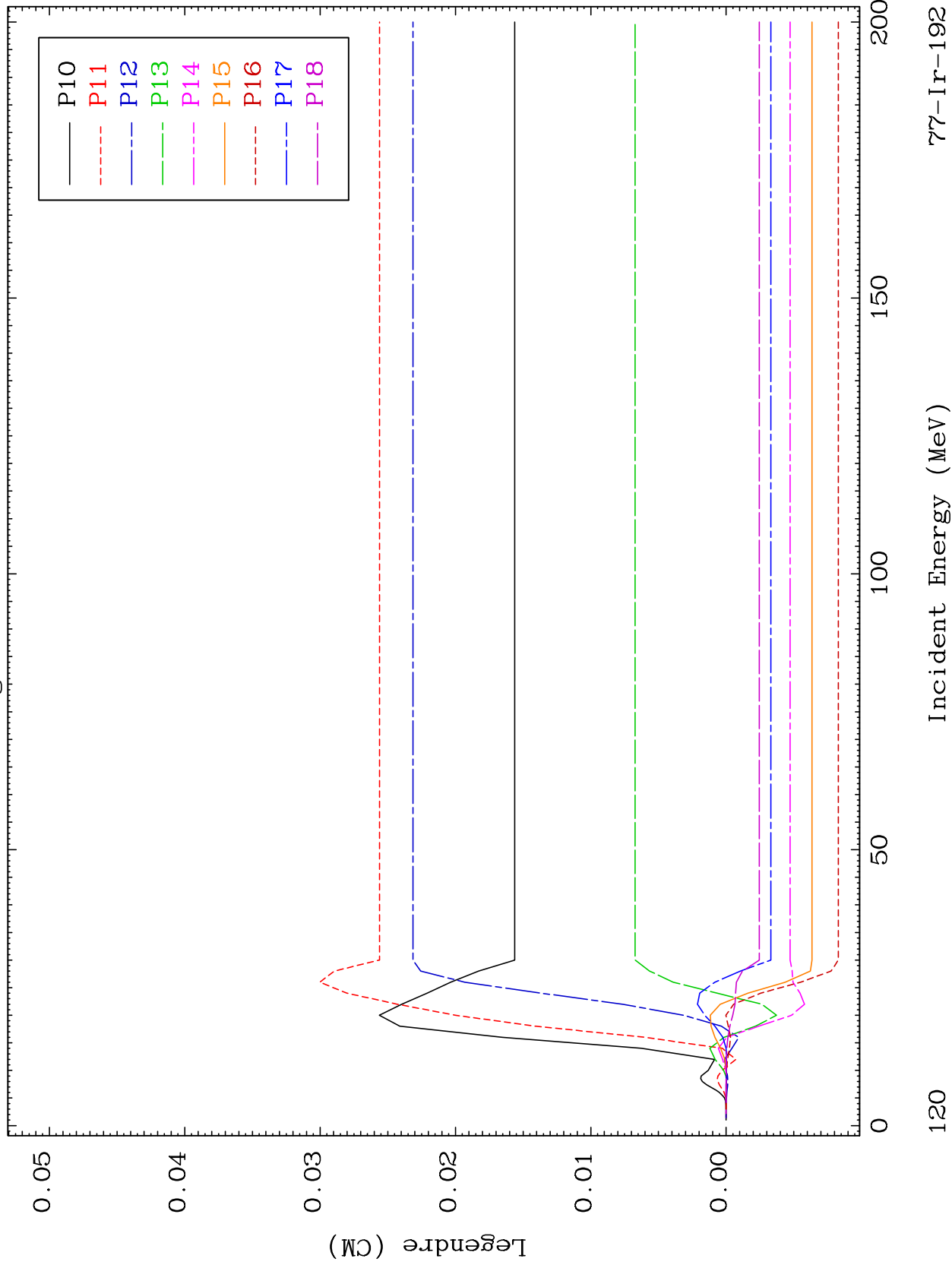
Incident Energy (MeV)

77-Ir-192

MAT 7728

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

77-Ir-192



77-Ir-192

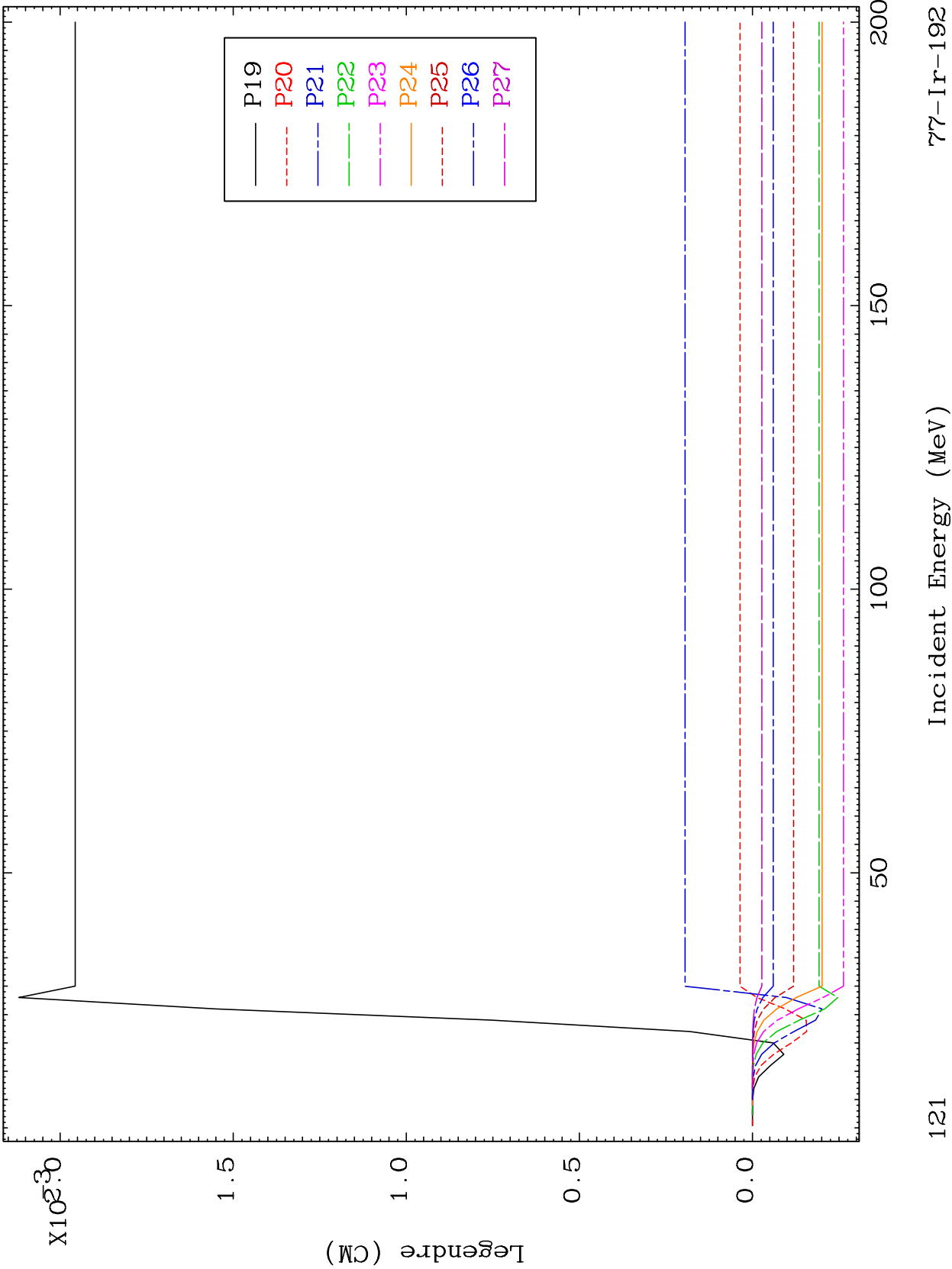
Incident Energy (MeV)

120

MAT 7728

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

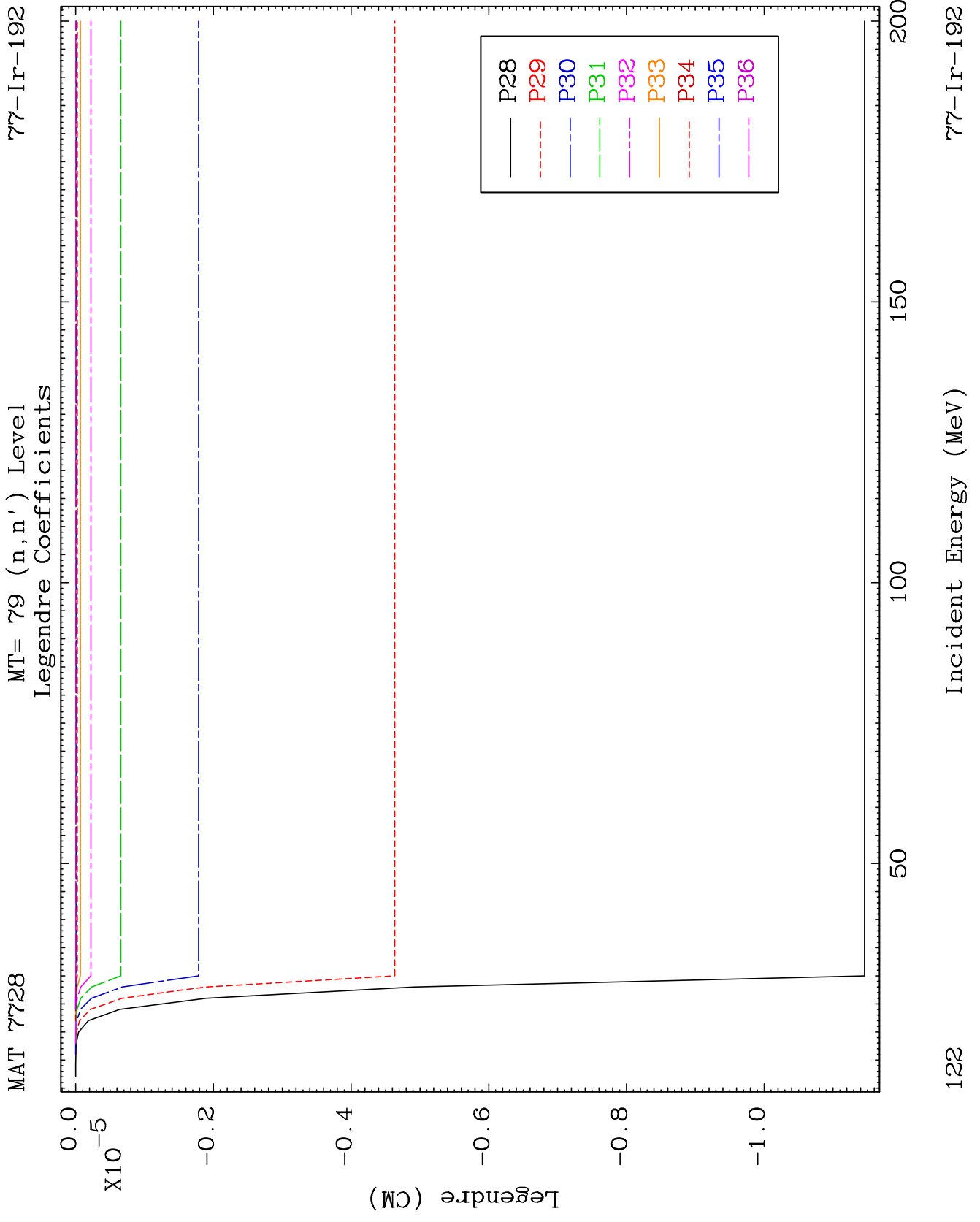
77-Ir-192



121

Incident Energy (MeV)

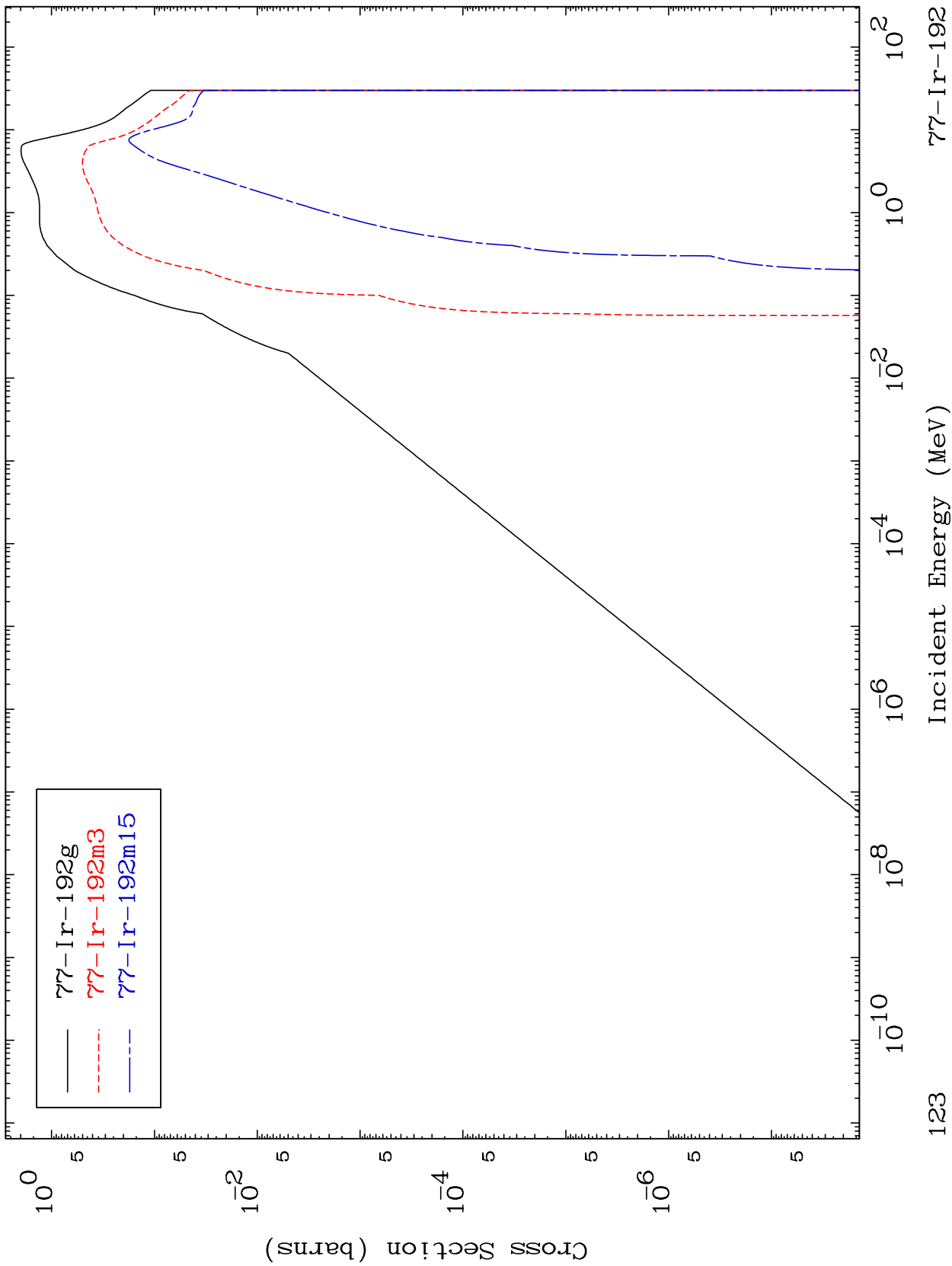
77-Ir-192



MAT 7728

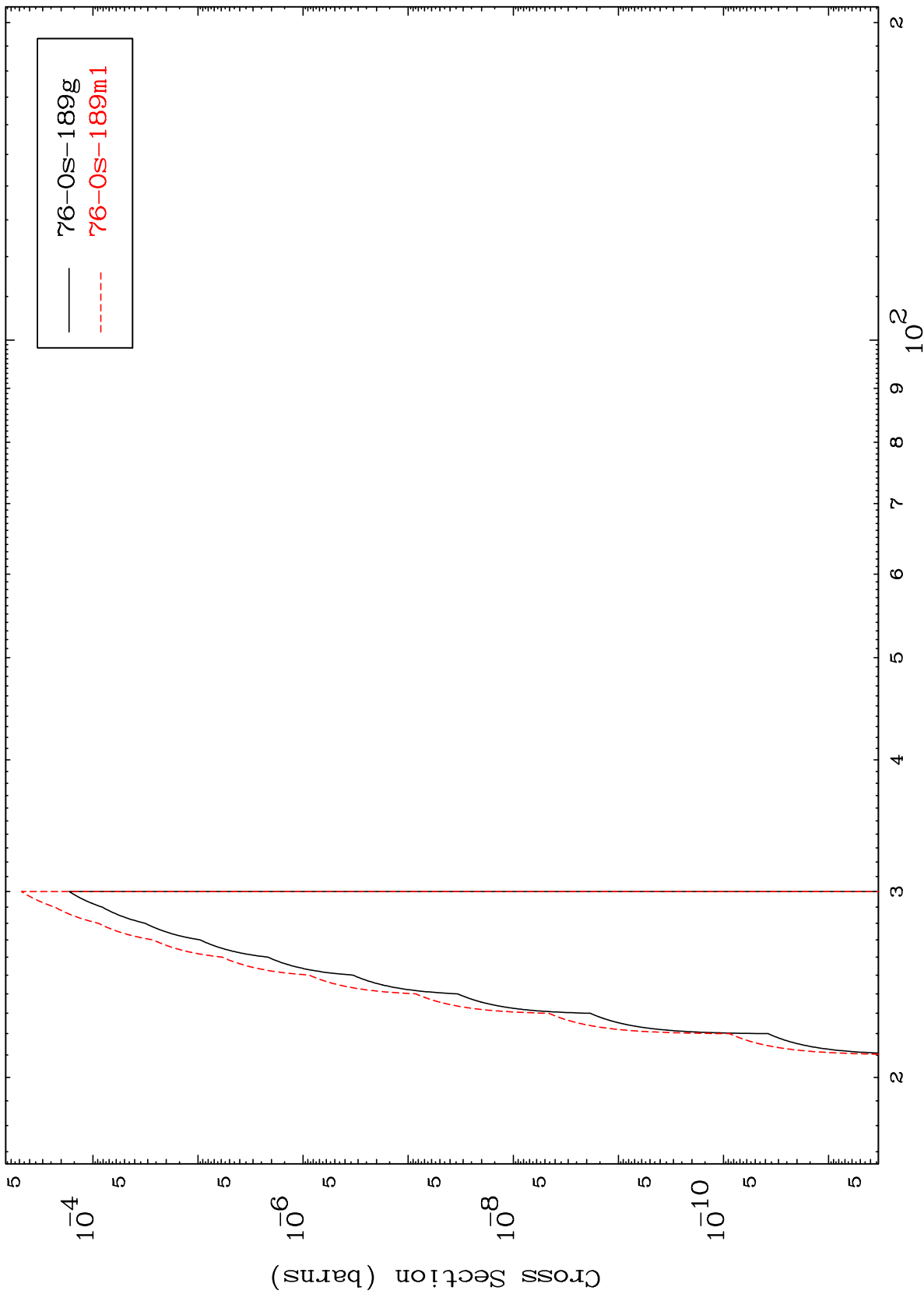
77-Ir-192

Inelastic
Radionuclide Production Cross Section



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

Radionuclide Production Cross Section



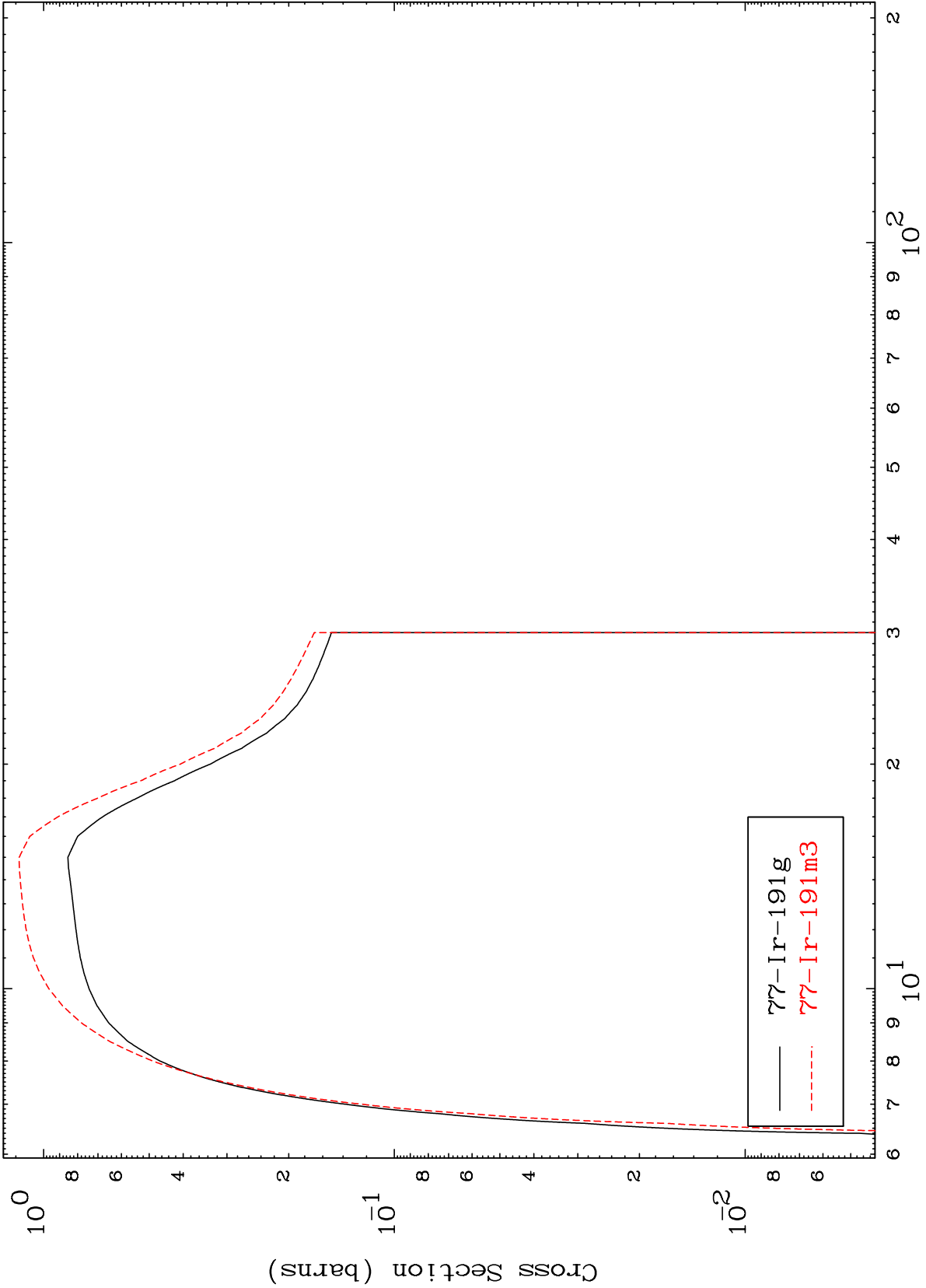
76-Os-189g
76-Os-189m1

MAT 7728

(n,2n)

⁷⁷Ir-192

Radionuclide Production Cross Section

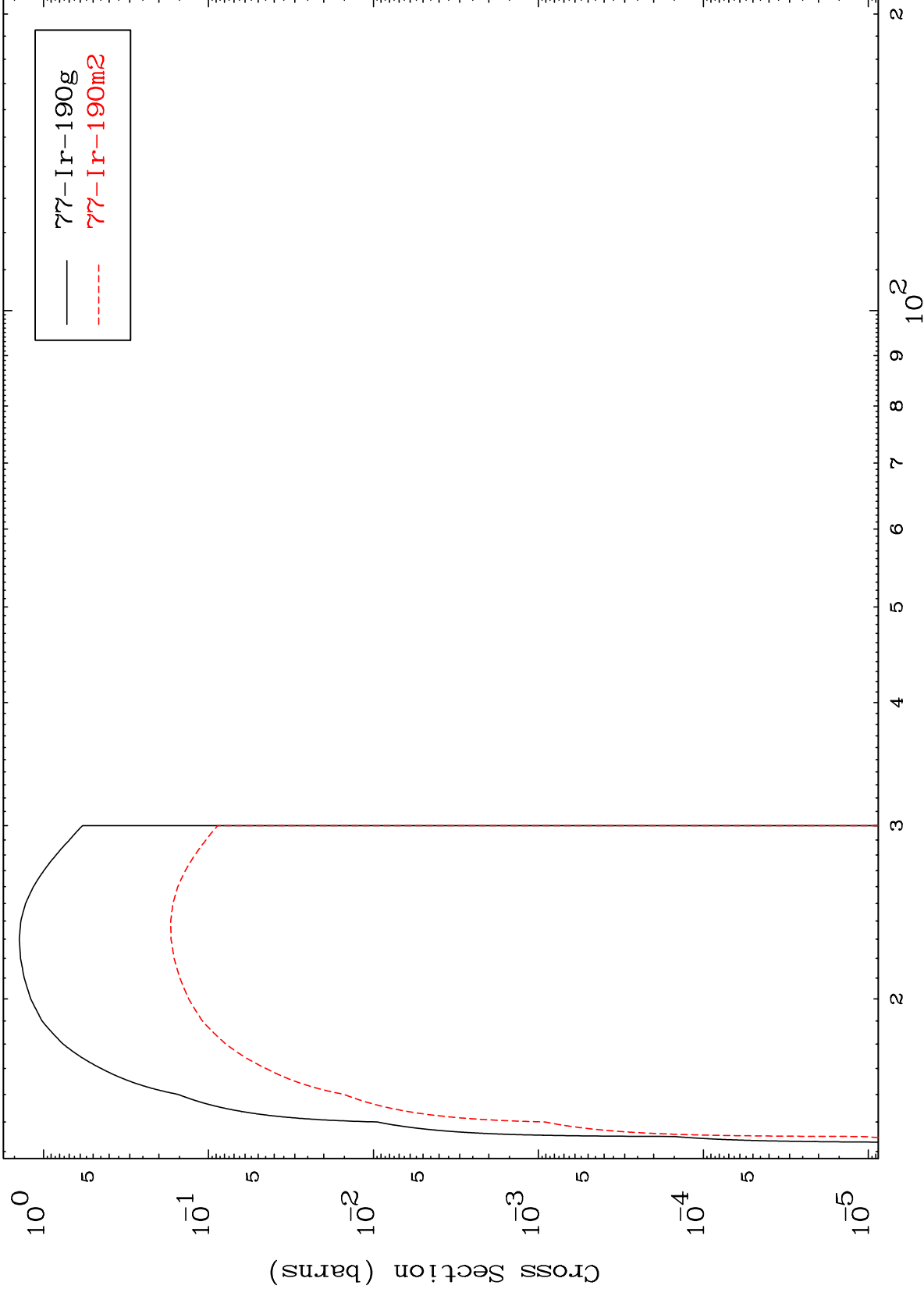


125

Incident Energy (MeV)

⁷⁷Ir-192

Radionuclide Production Cross Section

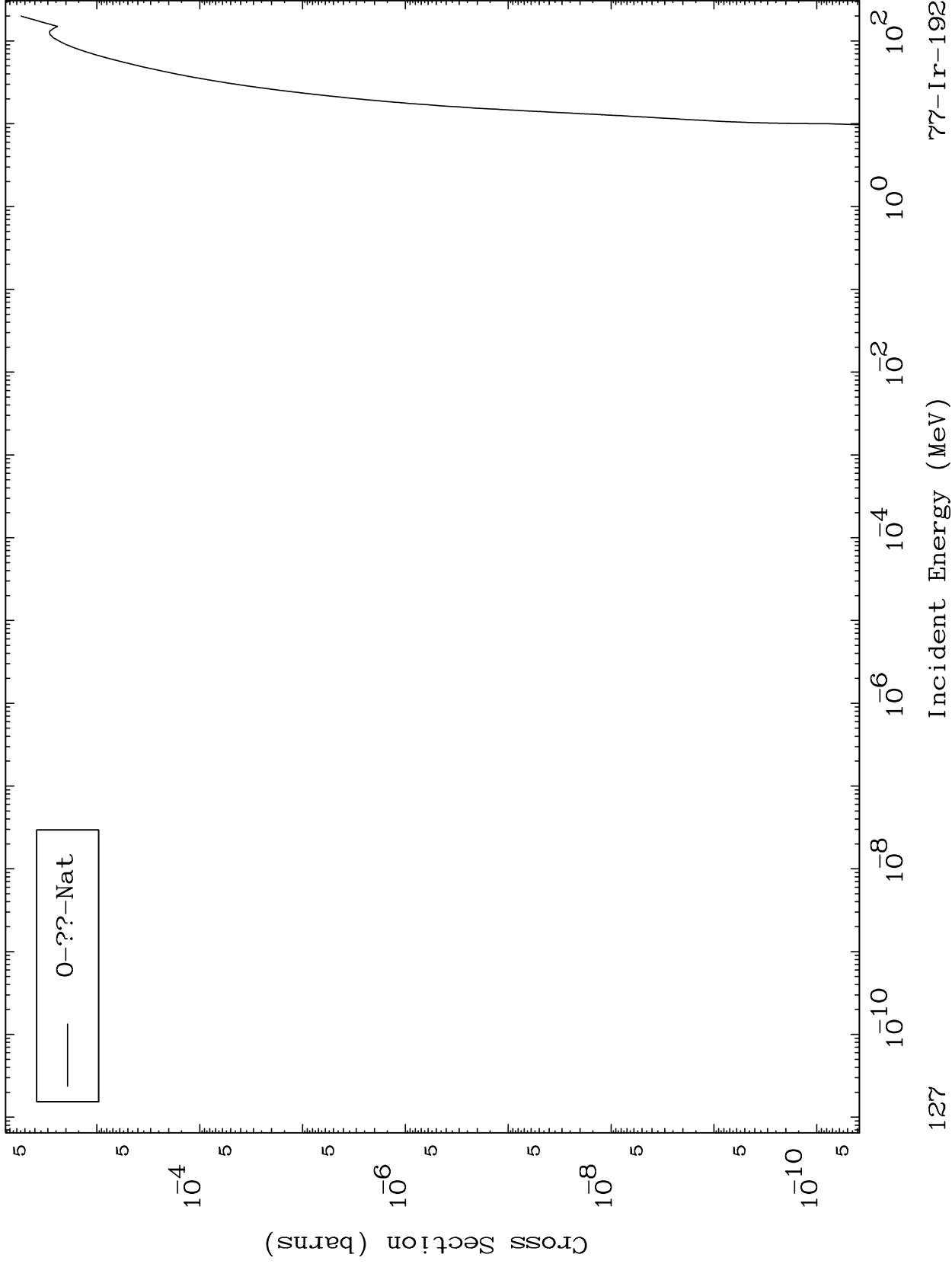


MAT 7728

Fission

⁷⁷Ir-192

Radionuclide Production Cross Section

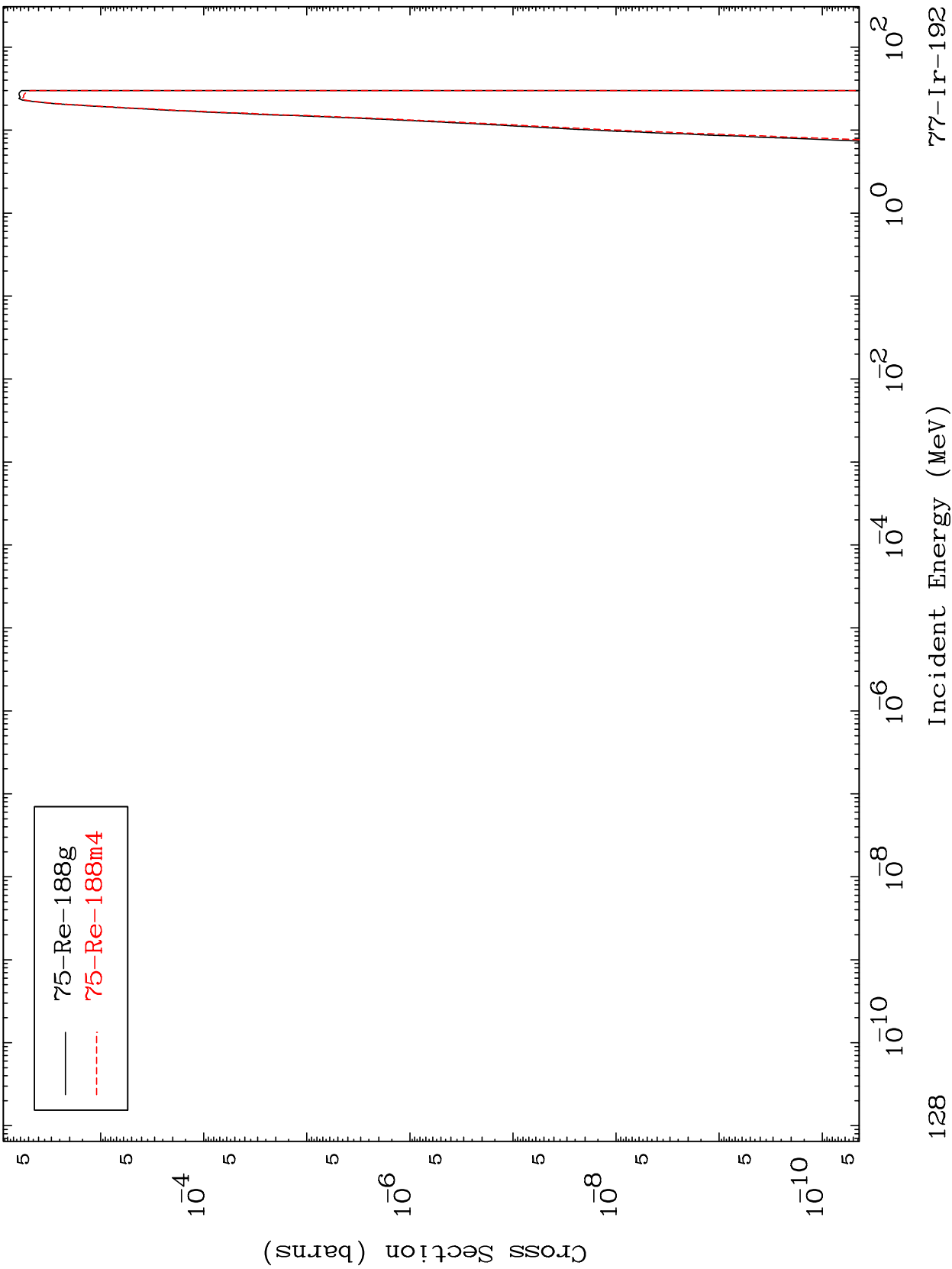


MAT 7728

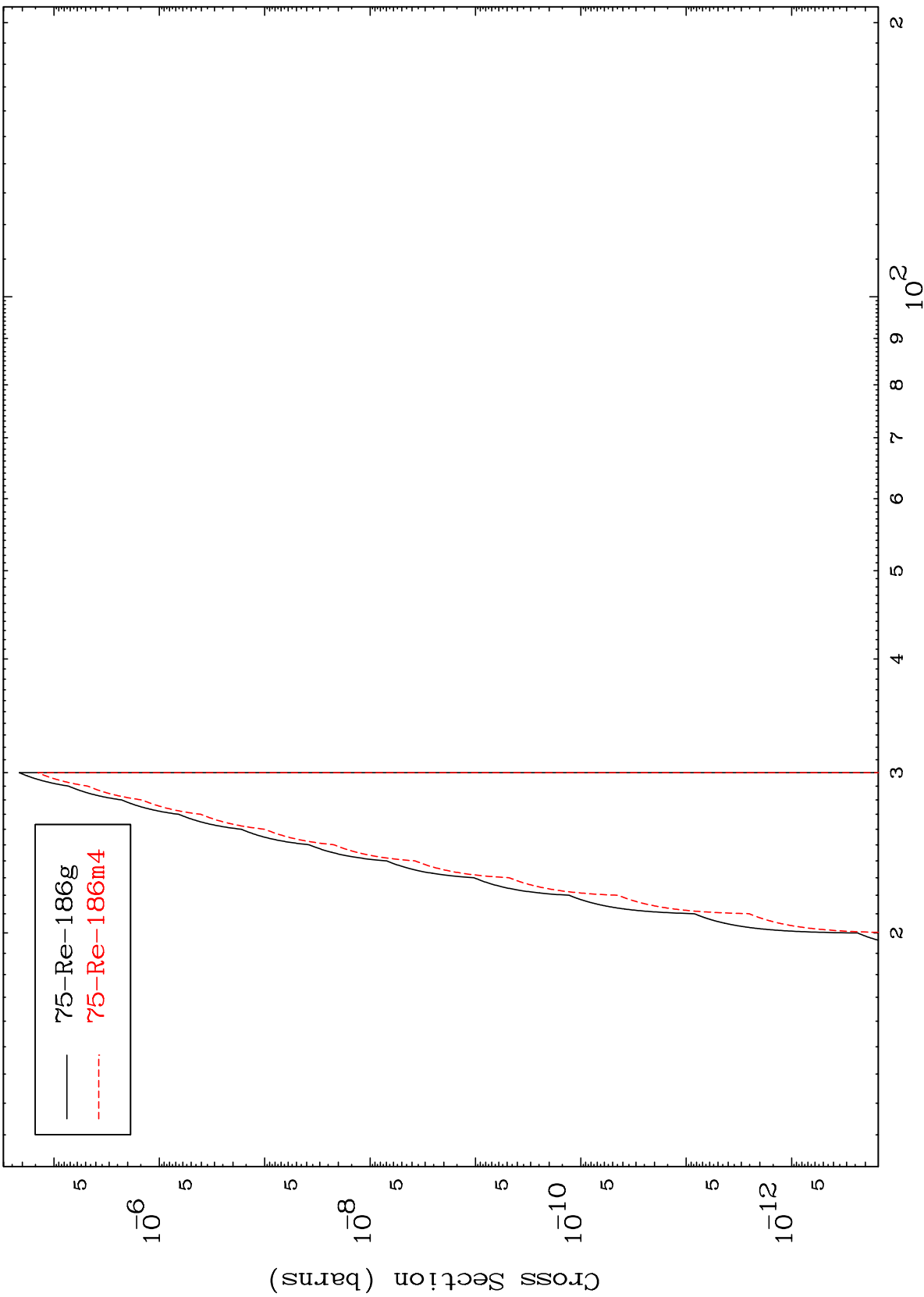
$(n, n') \alpha$

$^{77}\text{Ir-192}$

Radionuclide Production Cross Section



Radionuclide Production Cross Section

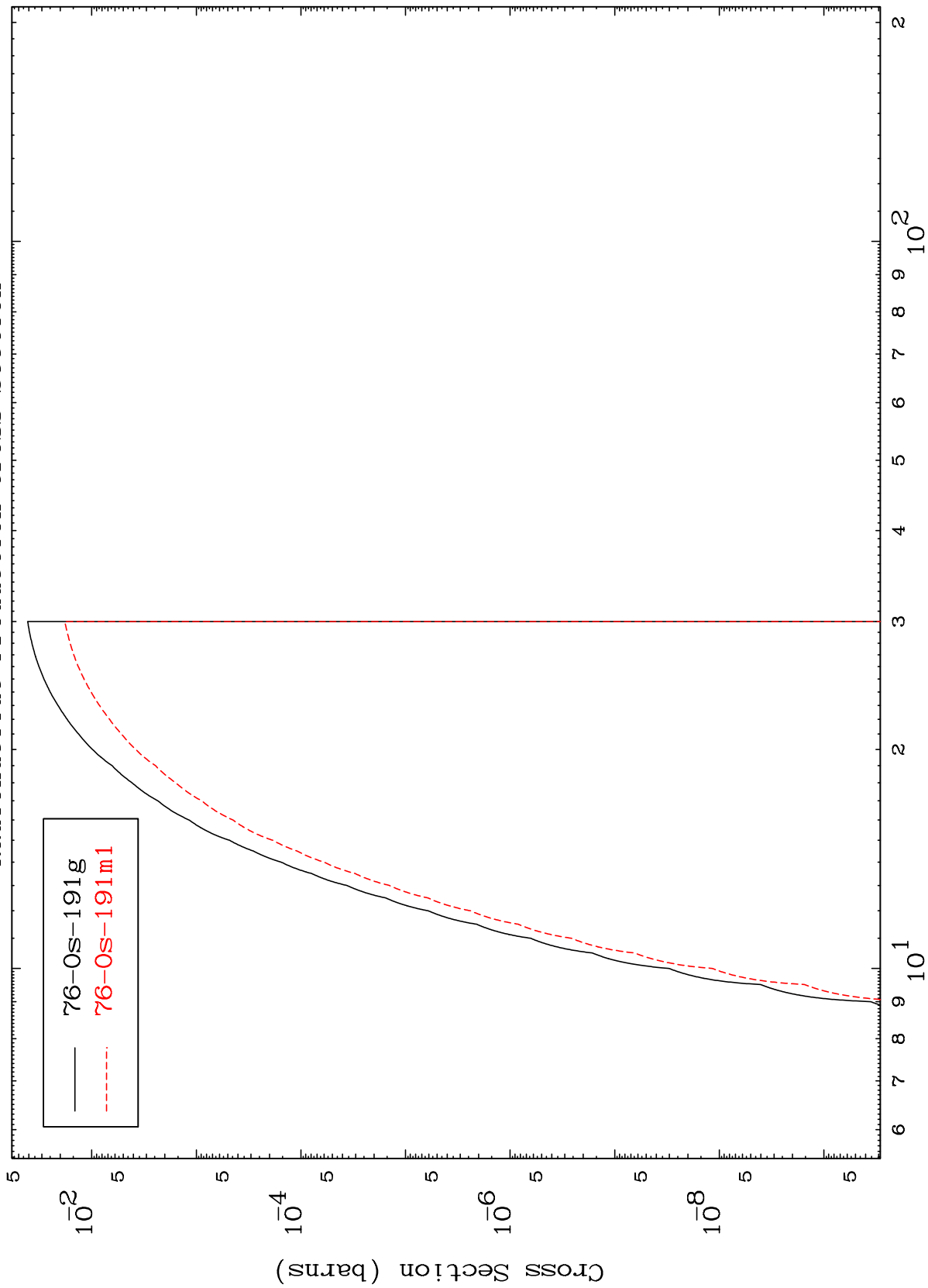


MAT 7728

(n,n') p

77-Ir-192

Radionuclide Production Cross Section



130

Incident Energy (MeV)

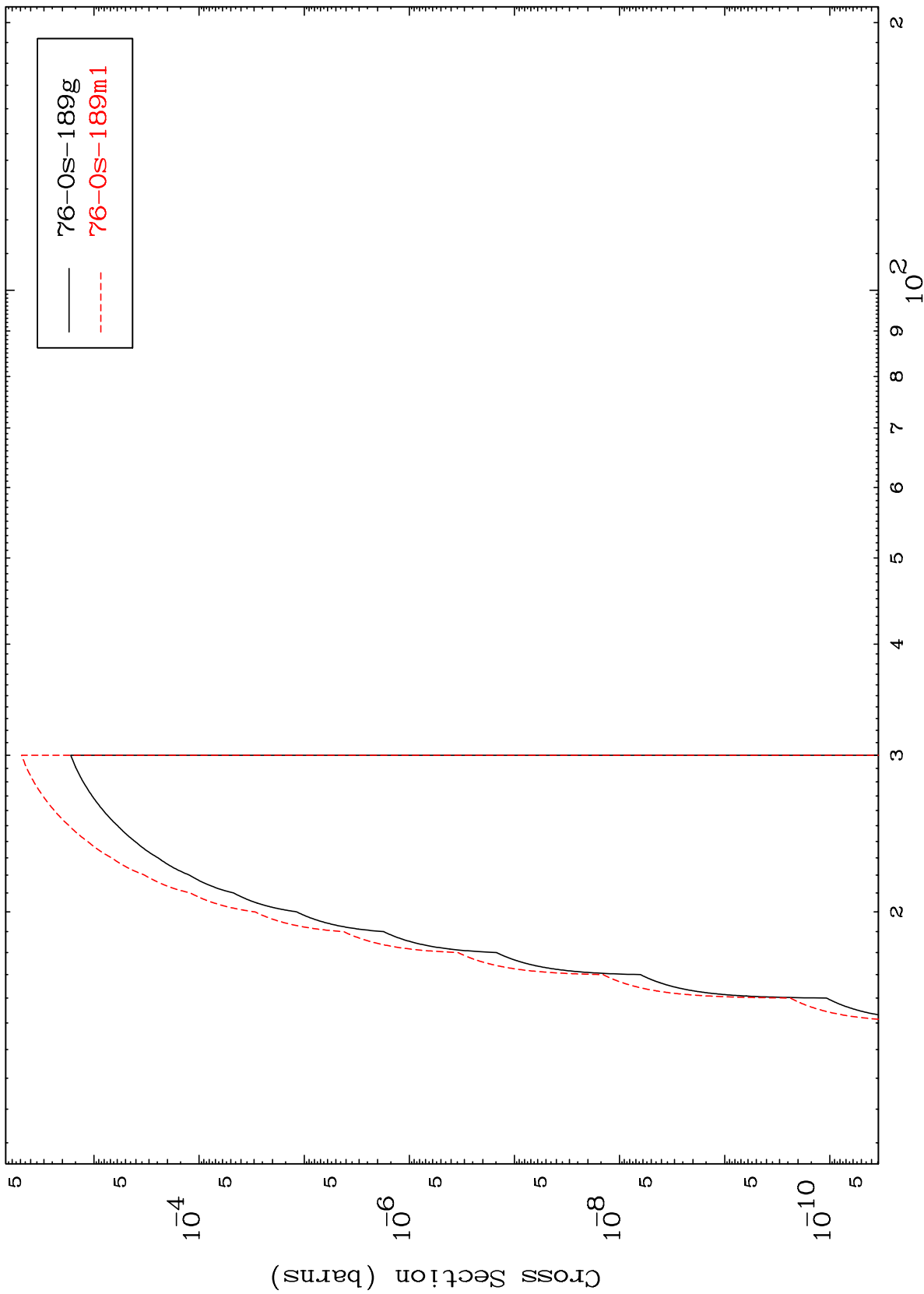
77-Ir-192

MAT 7728

(n,n') t

77-Ir-192

Radionuclide Production Cross Section



131

Incident Energy (MeV)

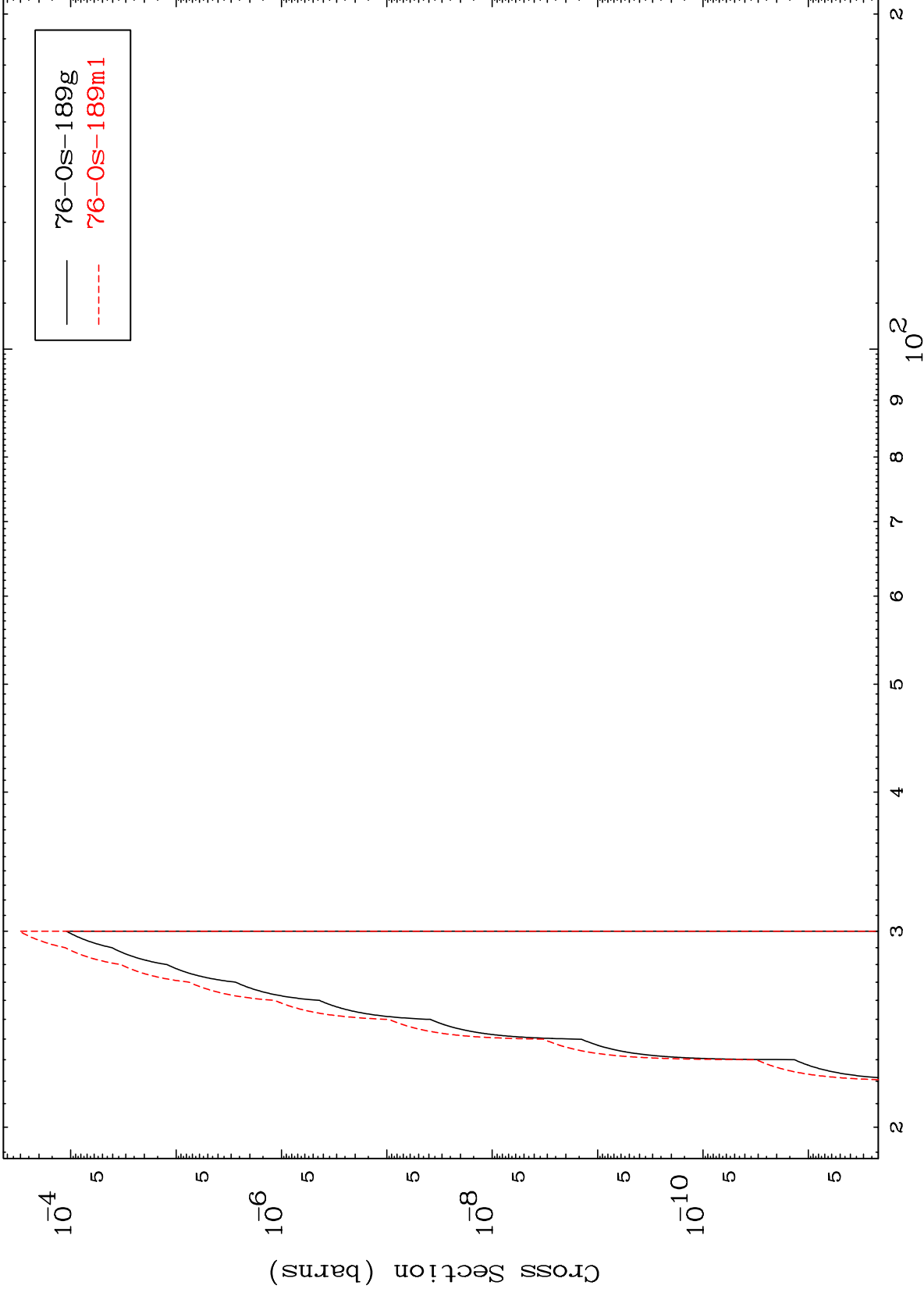
77-Ir-192

MAT 7728

(n,3n) p

77-Ir-192

Radionuclide Production Cross Section

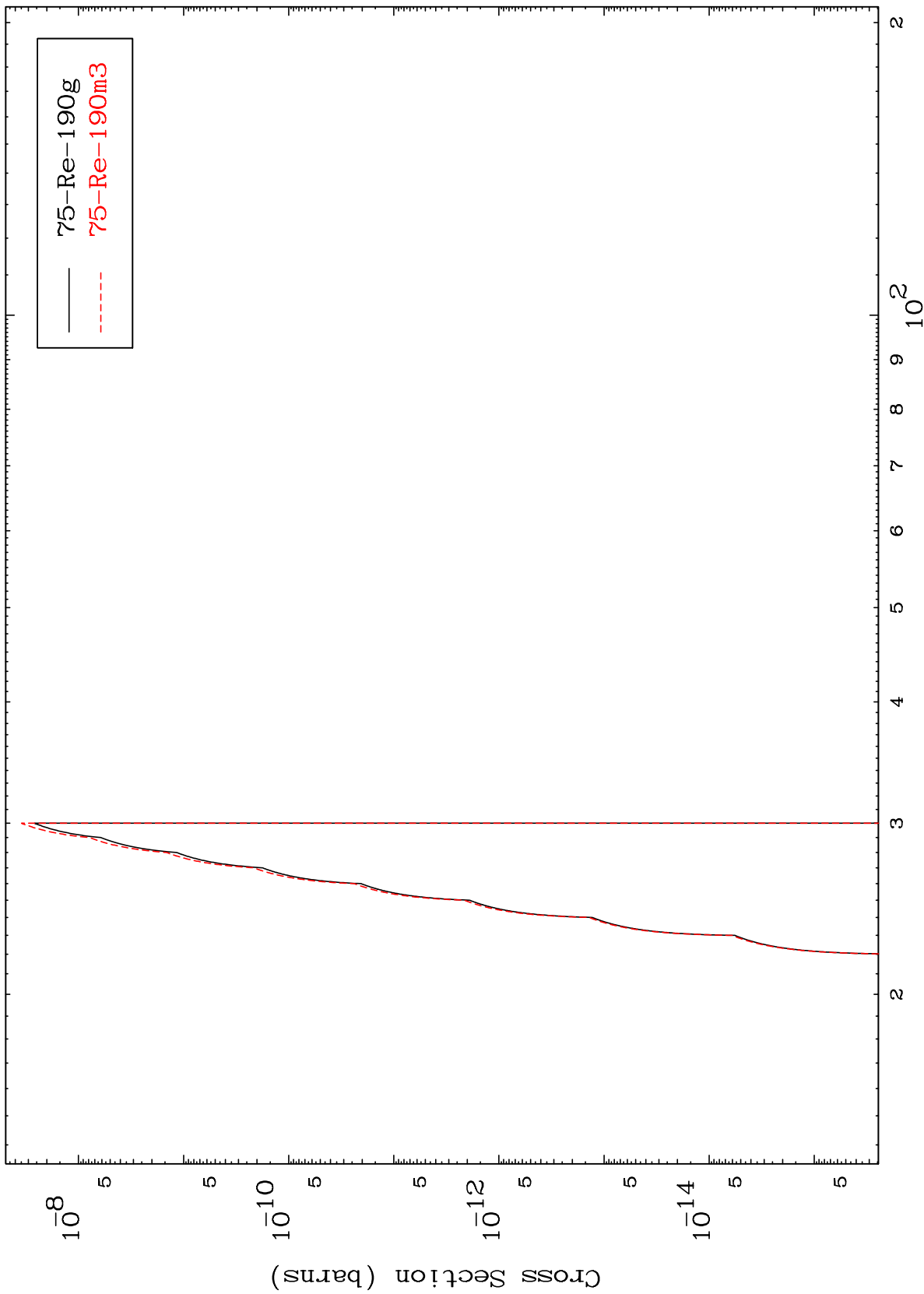


132

Incident Energy (MeV)

77-Ir-192

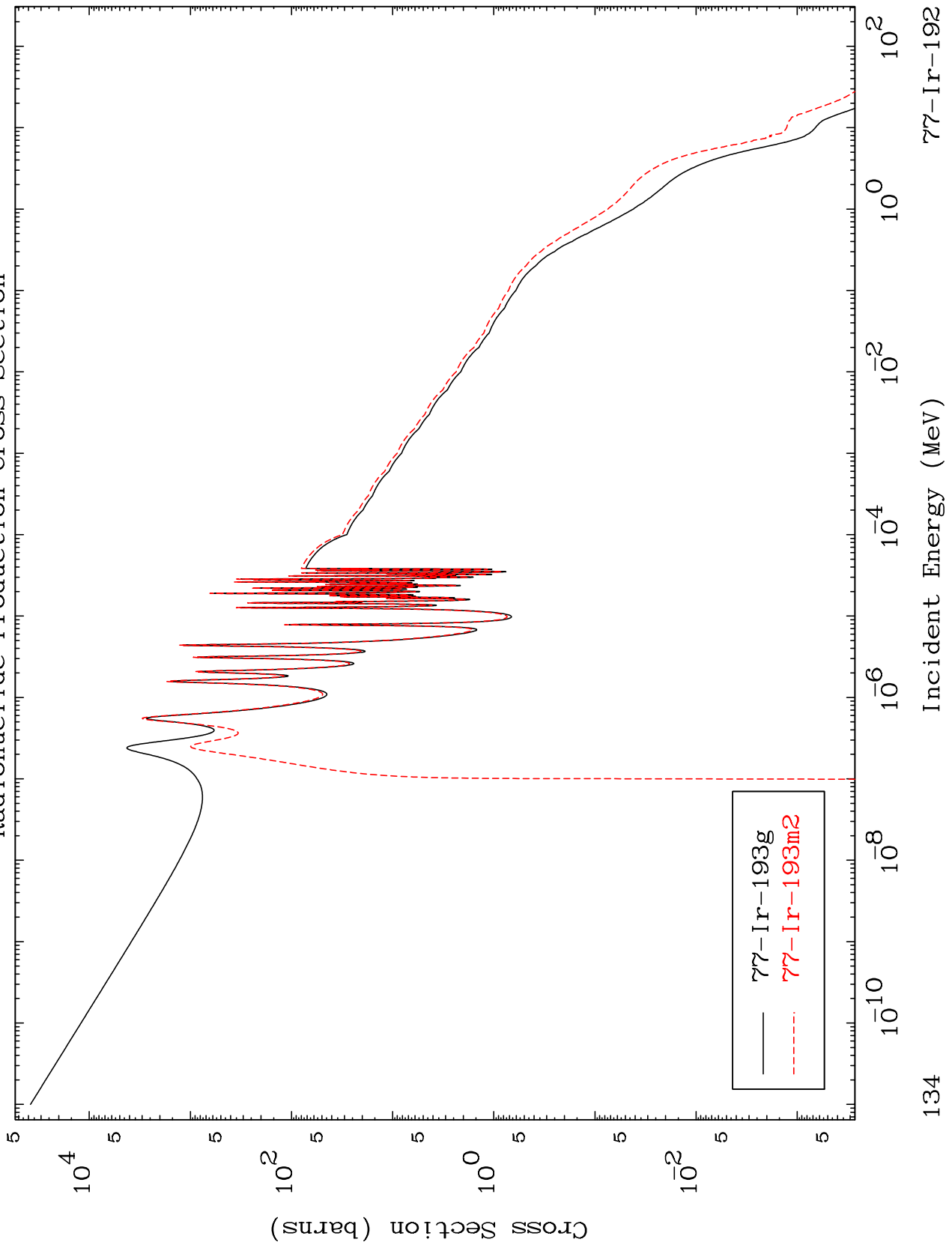
(n,2n) p
Radionuclide Production Cross Section



MAT 7728

⁷⁷Ir-192

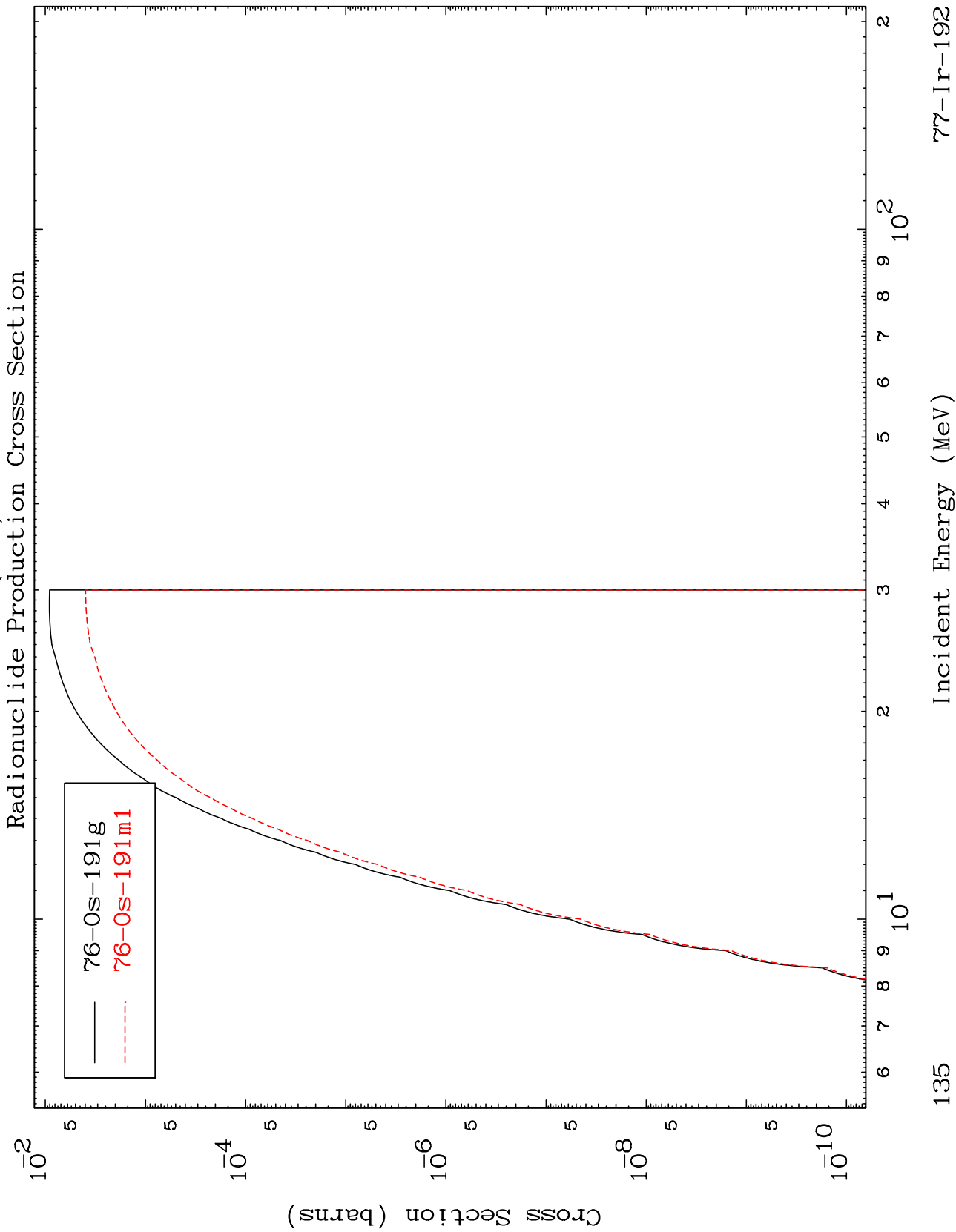
^(n,γ) Radionuclide Production Cross Section



MAT 7728

(n,d)

⁷⁷Ir-192

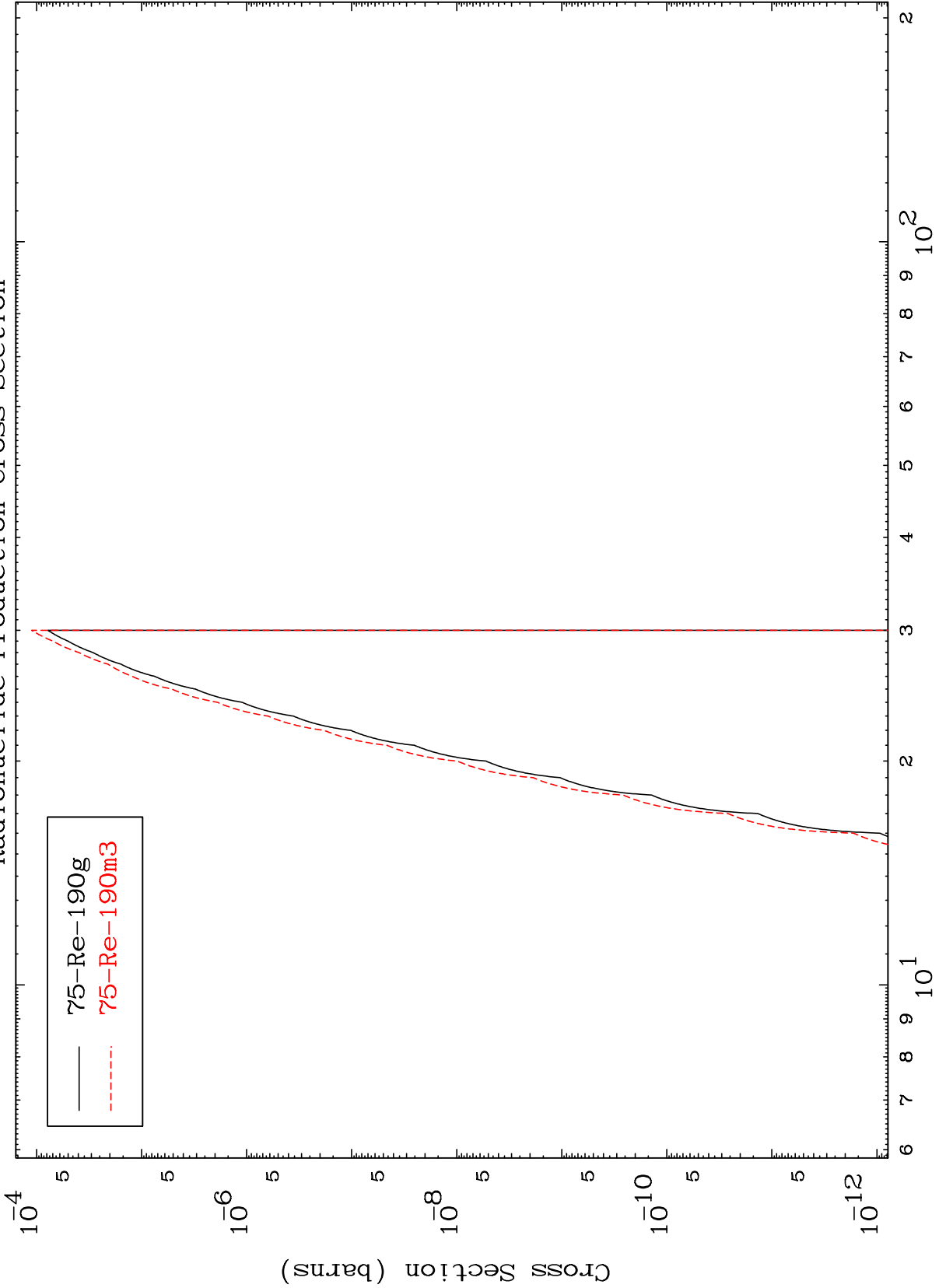


MAT 7728

(n,He-3)

77-Ir-192

Radionuclide Production Cross Section



136

Incident Energy (MeV)

77-Ir-192