

Program EVALPLOT
(Version 2017-1)

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

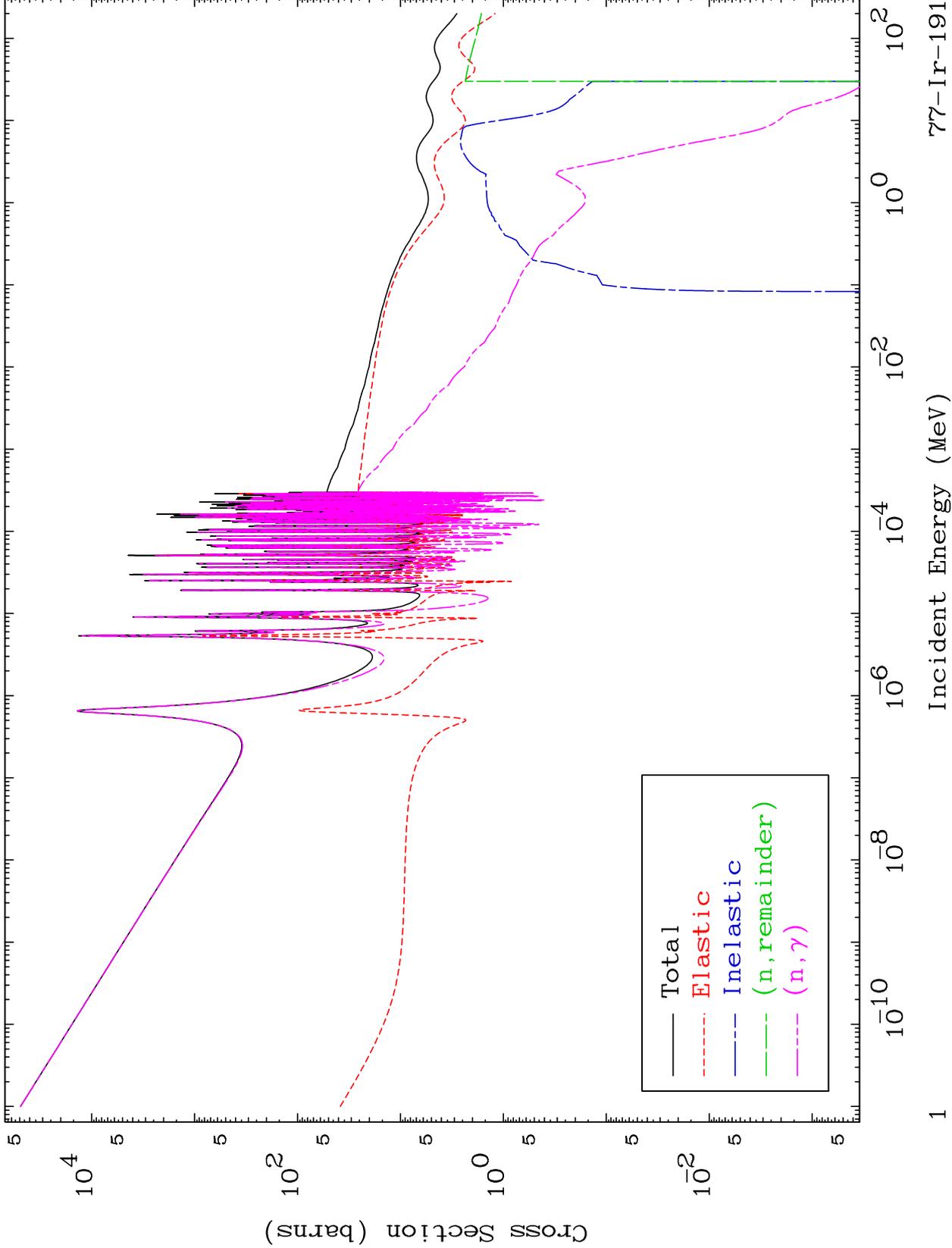
Press Mouse Button to Start

MAT 7725

Major

293 Kelvin Cross Sections

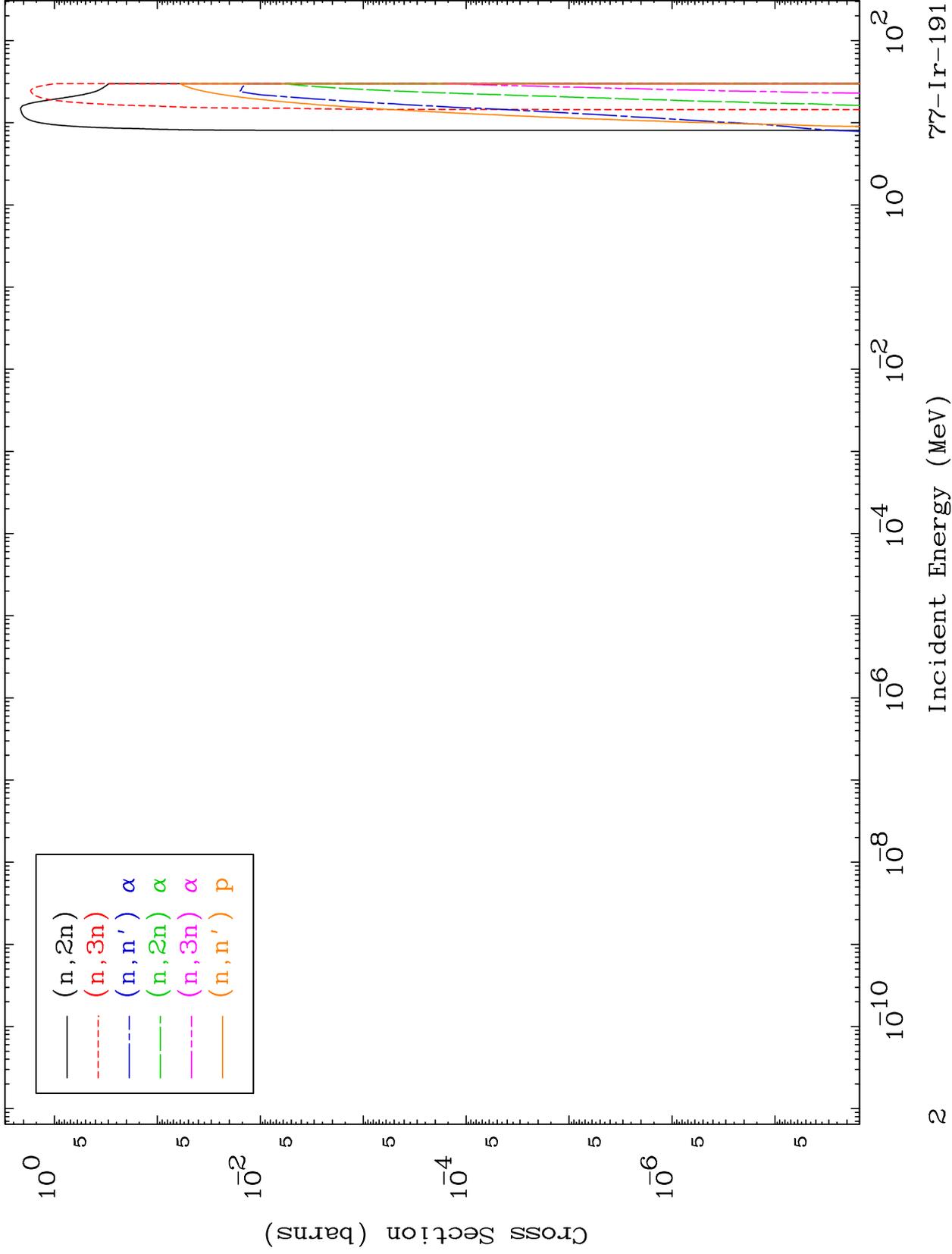
77-Ir-191

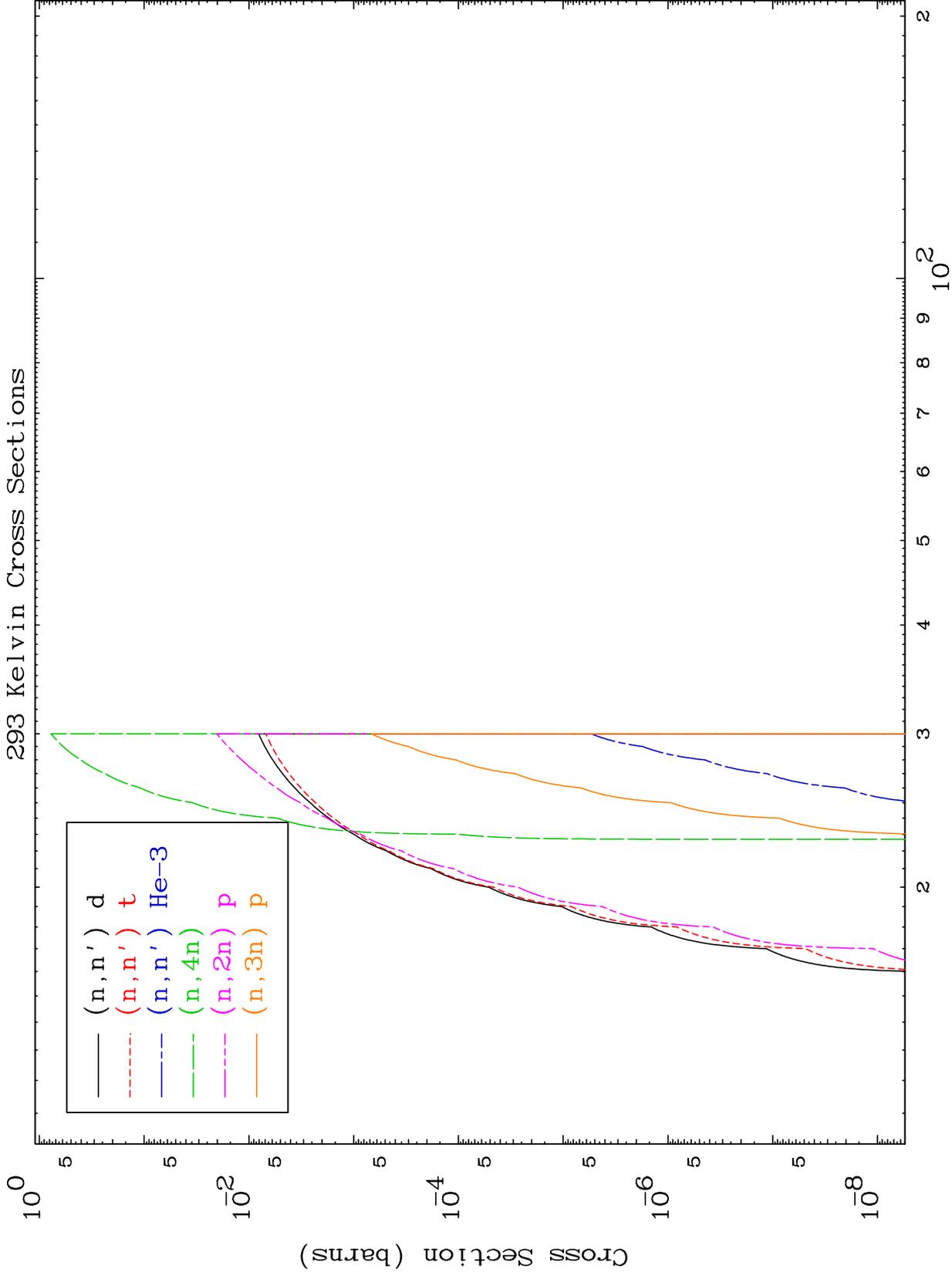


MAT 7725

Neutron Production
293 Kelvin Cross Sections

77-Ir-191

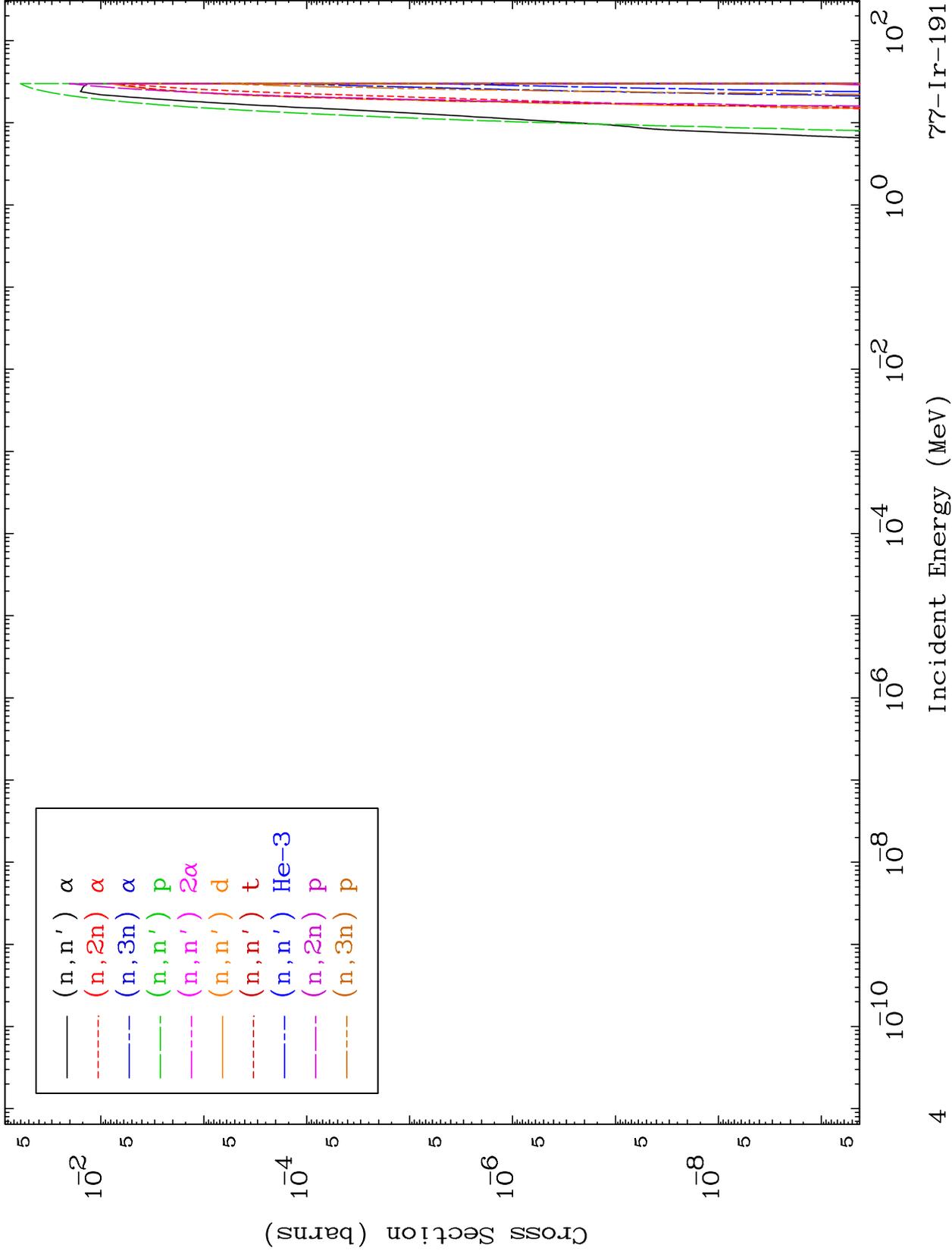


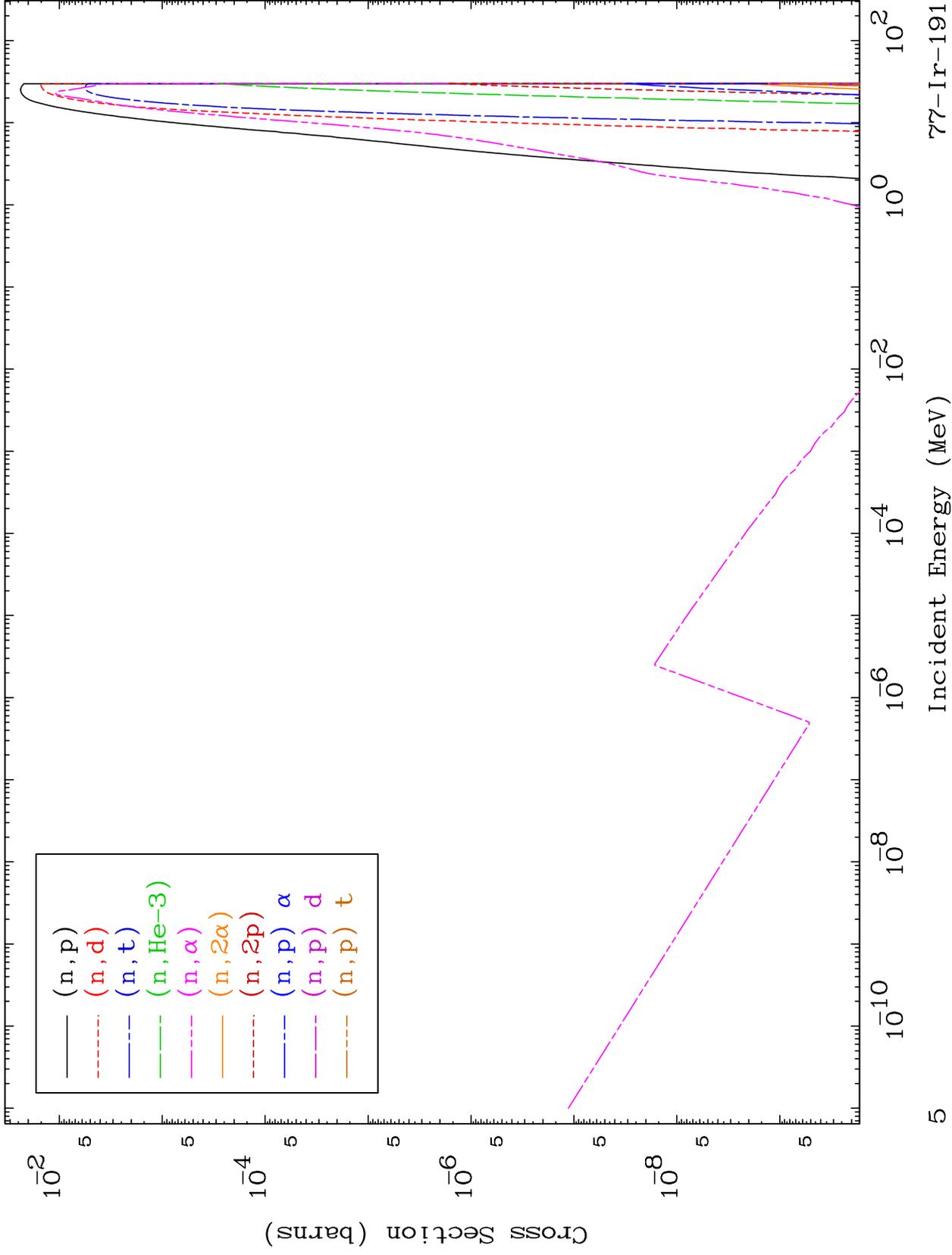


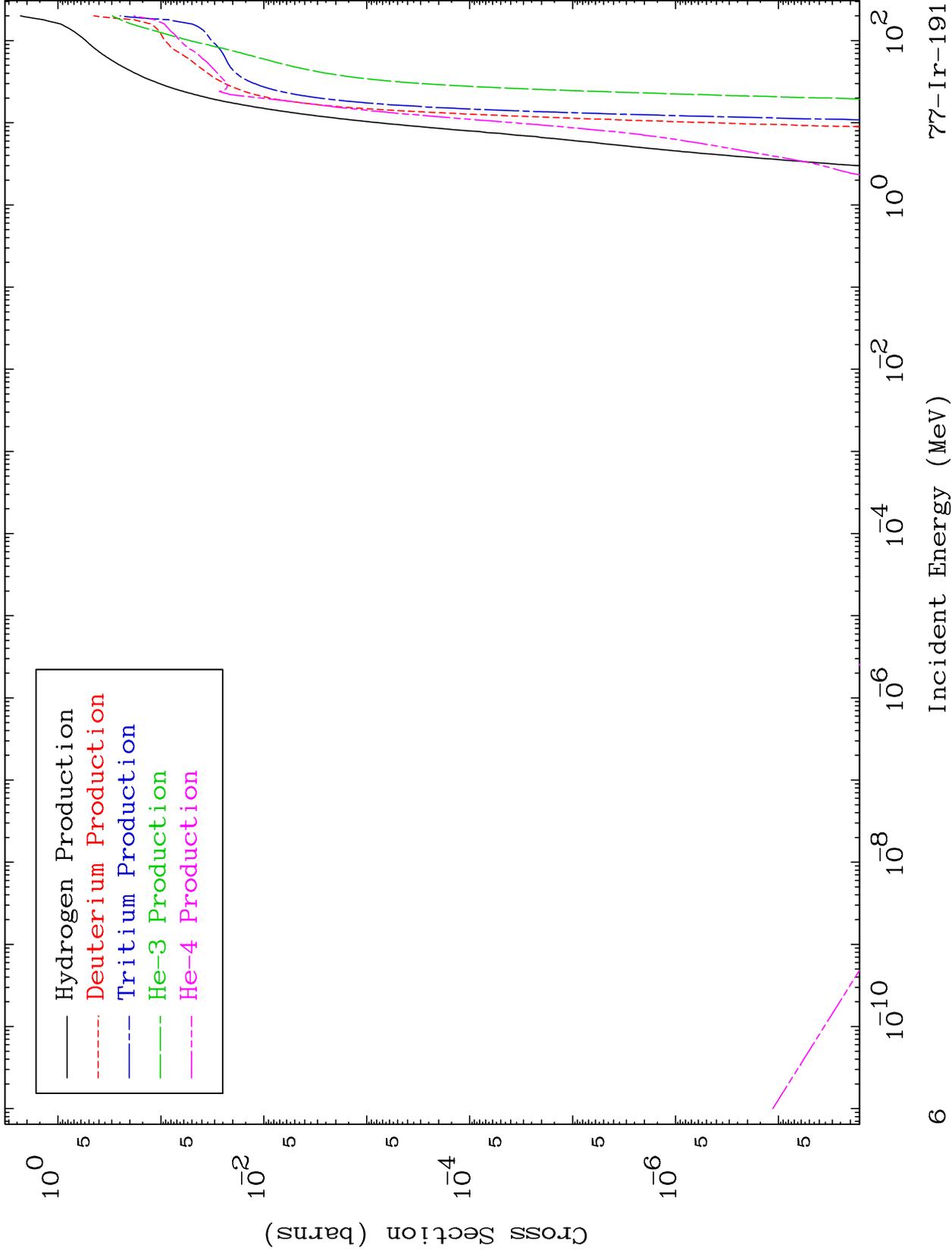
MAT 7725

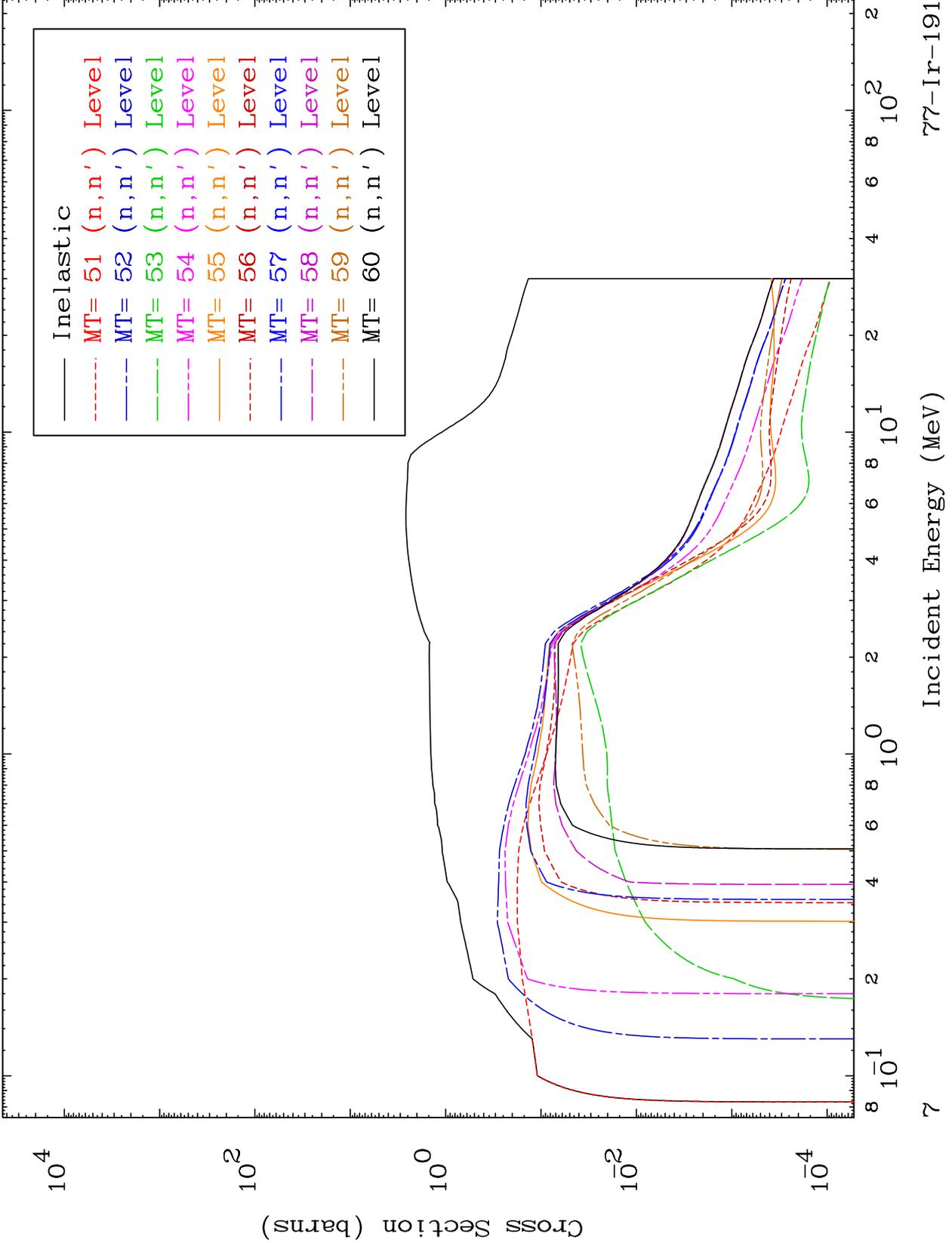
Charged Particle
293 Kelvin Cross Sections

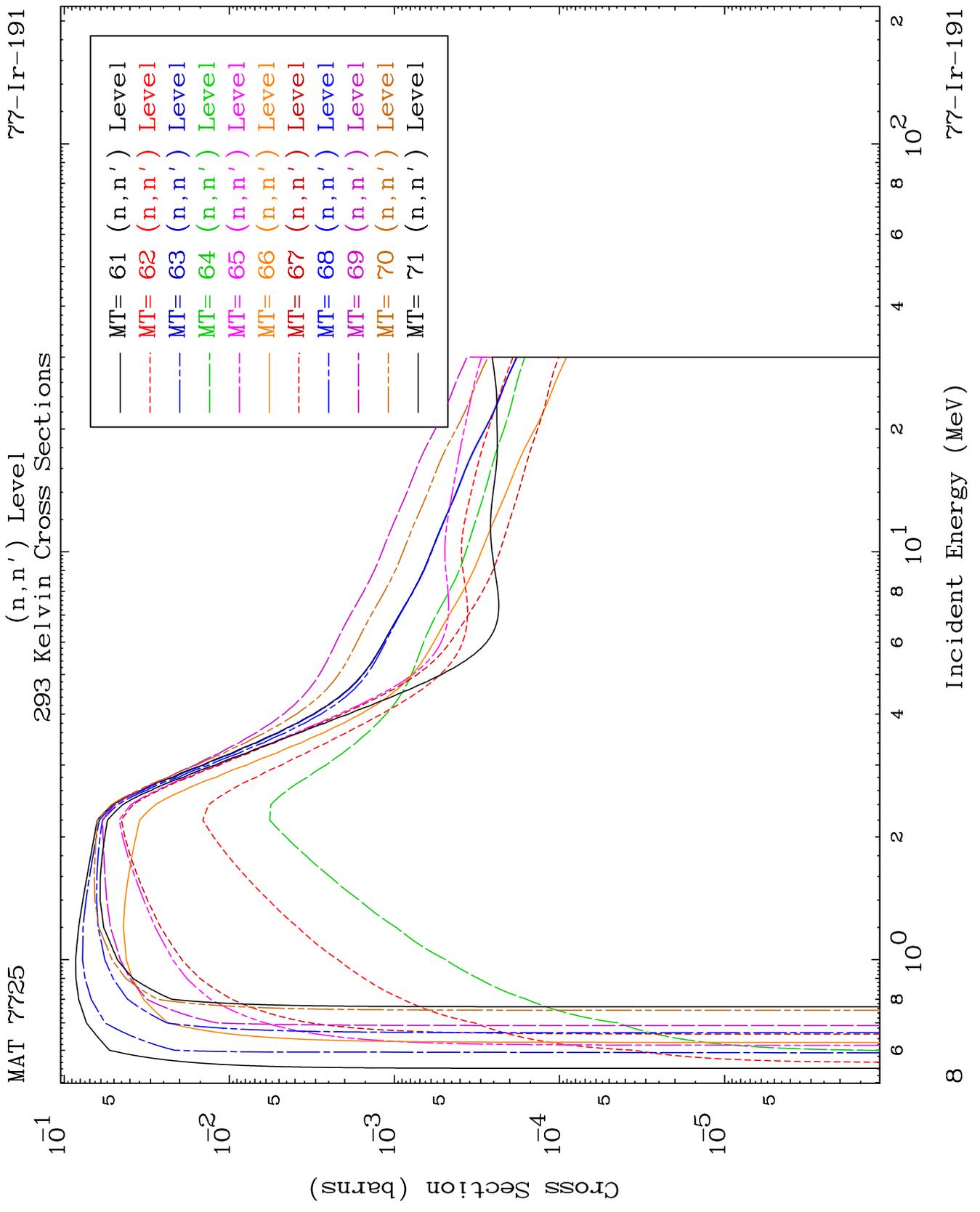
77-Ir-191









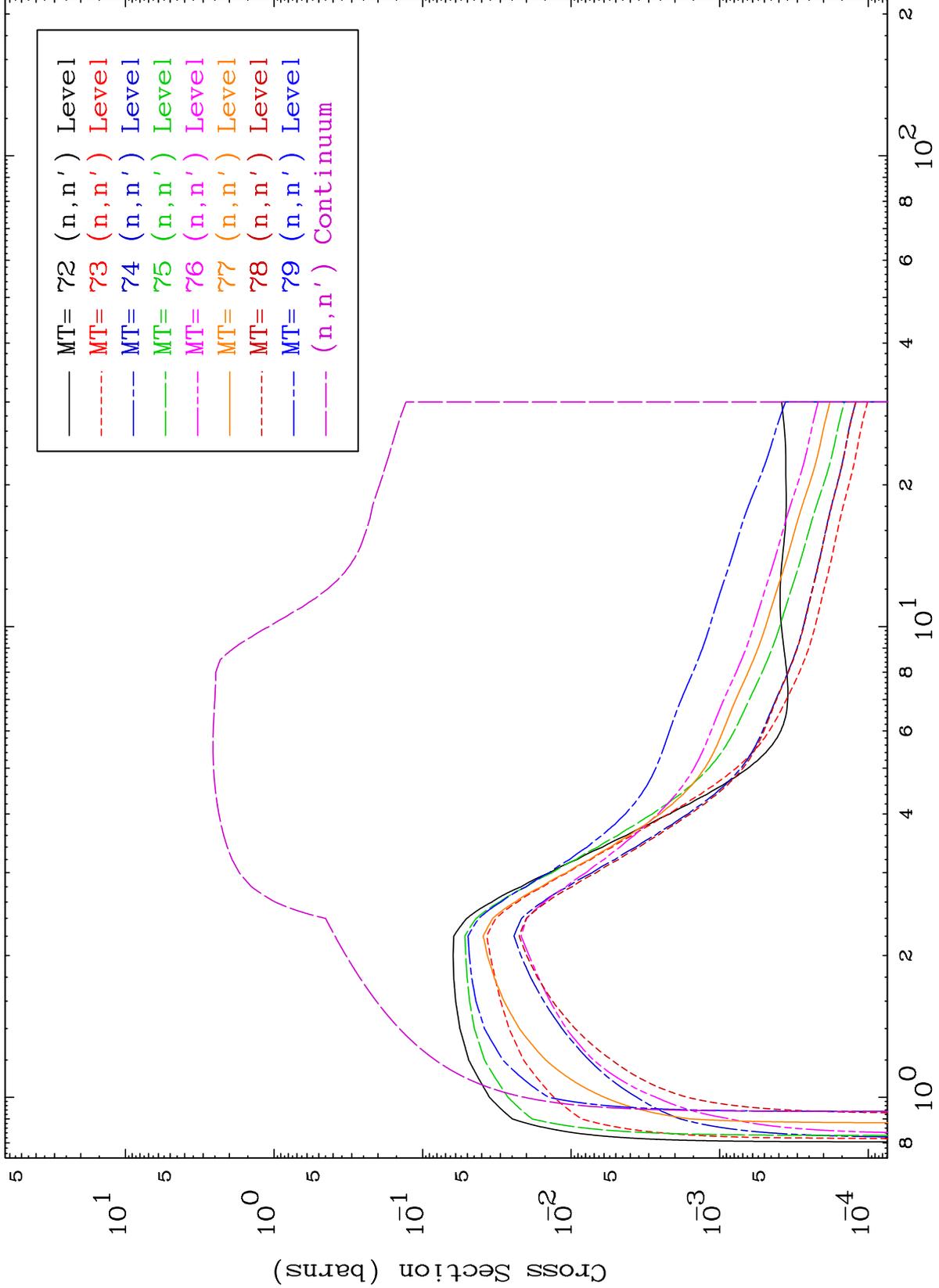


MAT 7725

(n,n') Level

77-Ir-191

293 Kelvin Cross Sections



Incident Energy (MeV)

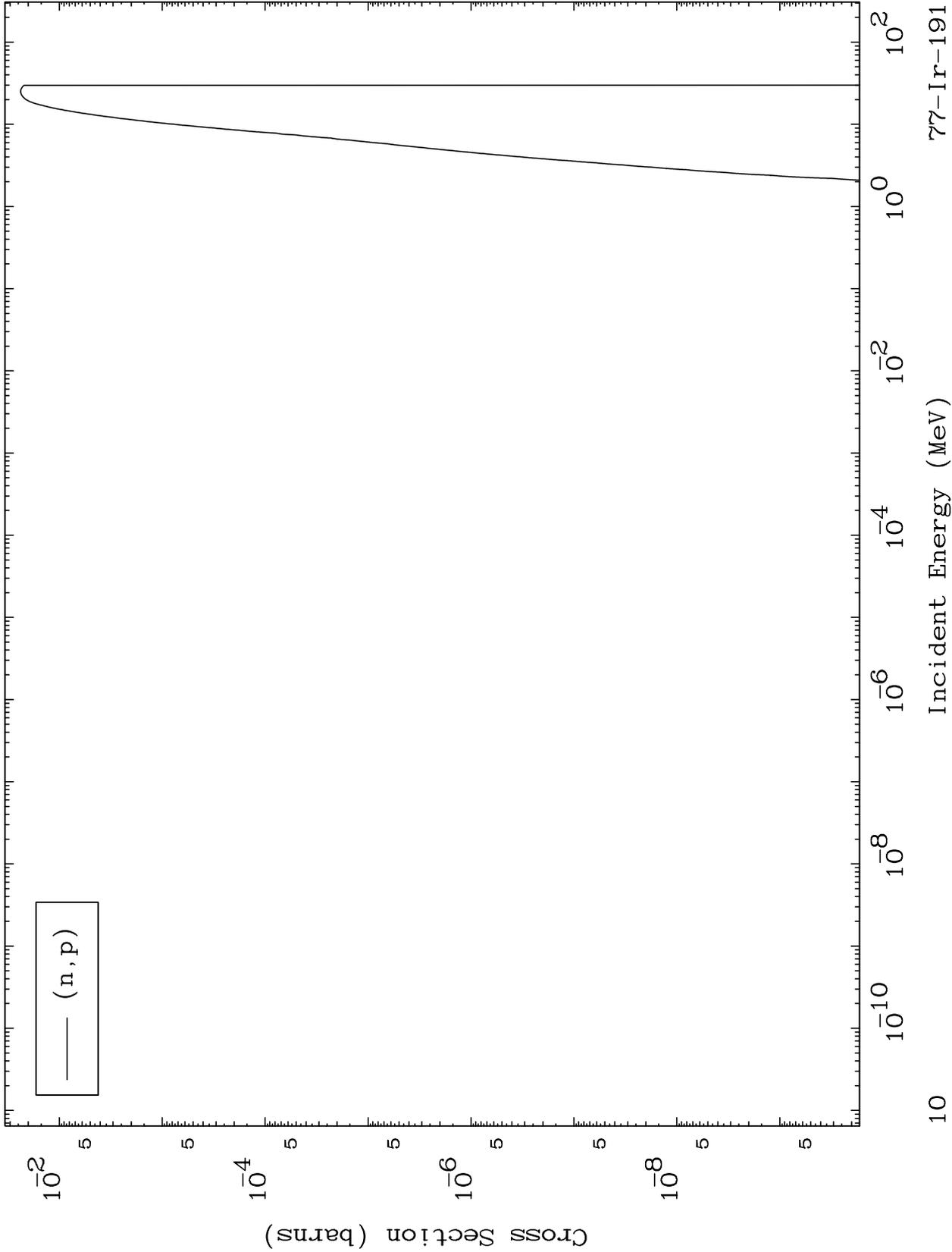
77-Ir-191

9

MAT 7725

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-191



10

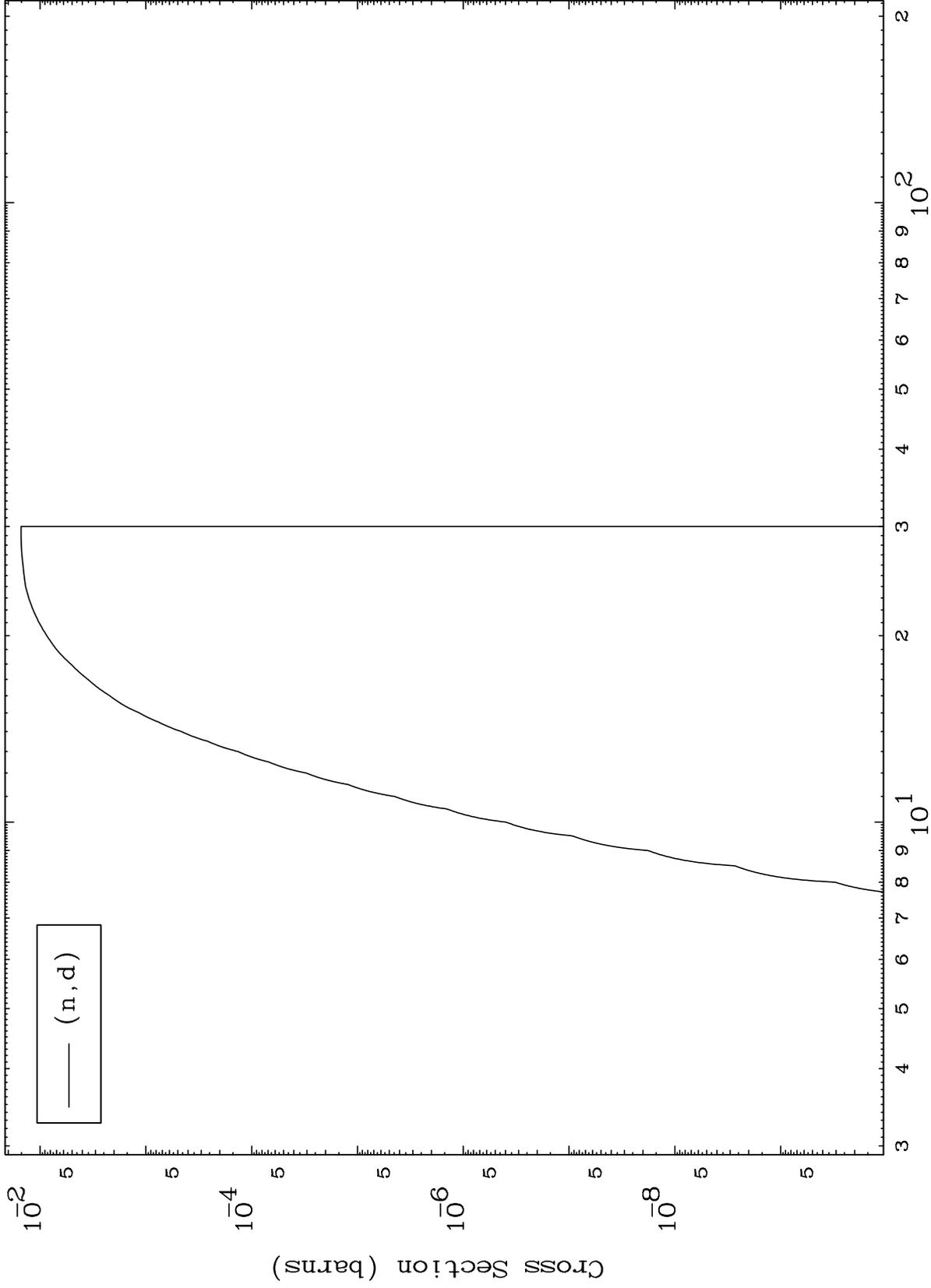
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-191



11

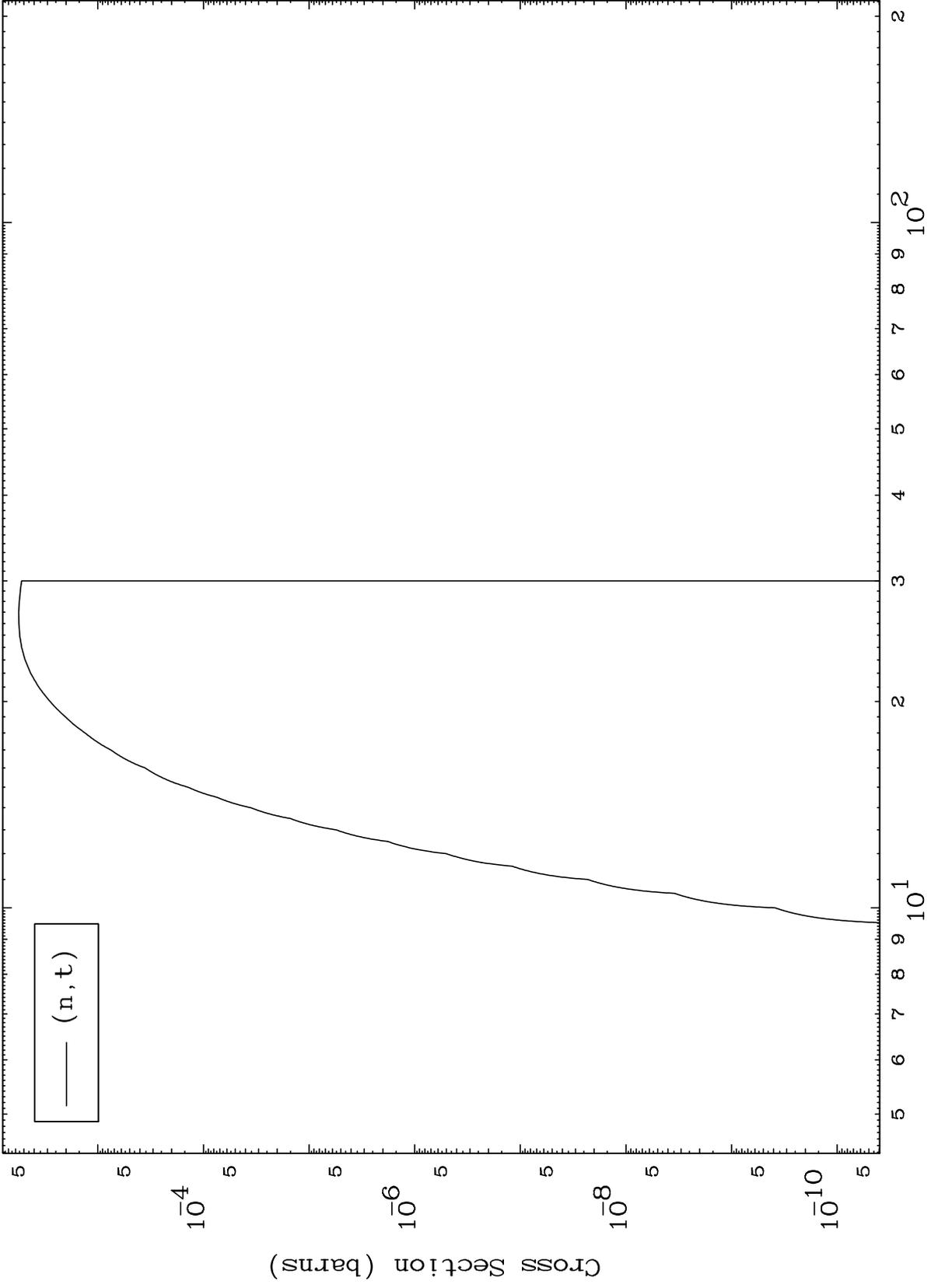
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-191



12

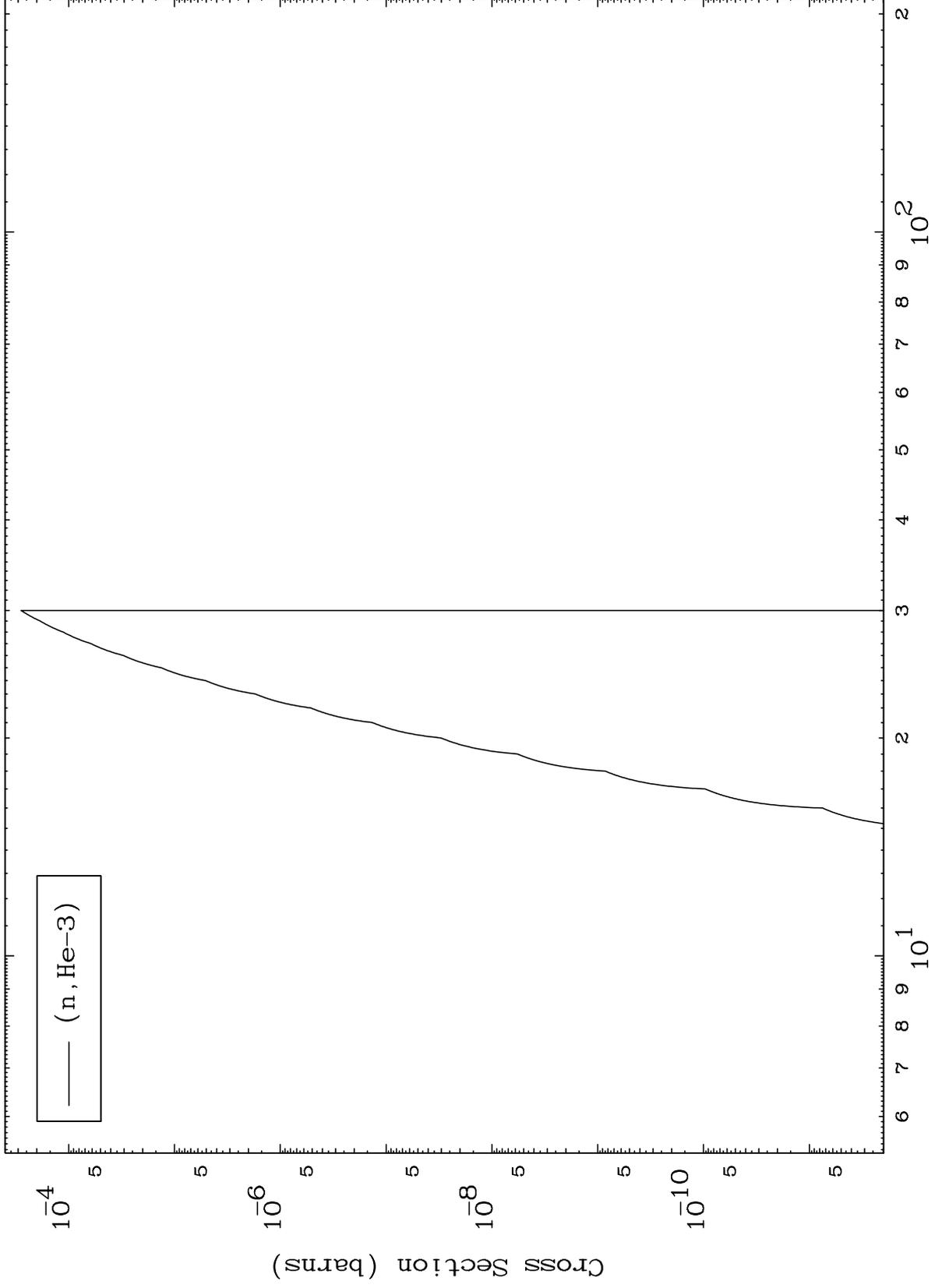
Incident Energy (MeV)

77-Ir-191

MAT 7725

(n,He3) Levels
293 Kelvin Cross Sections

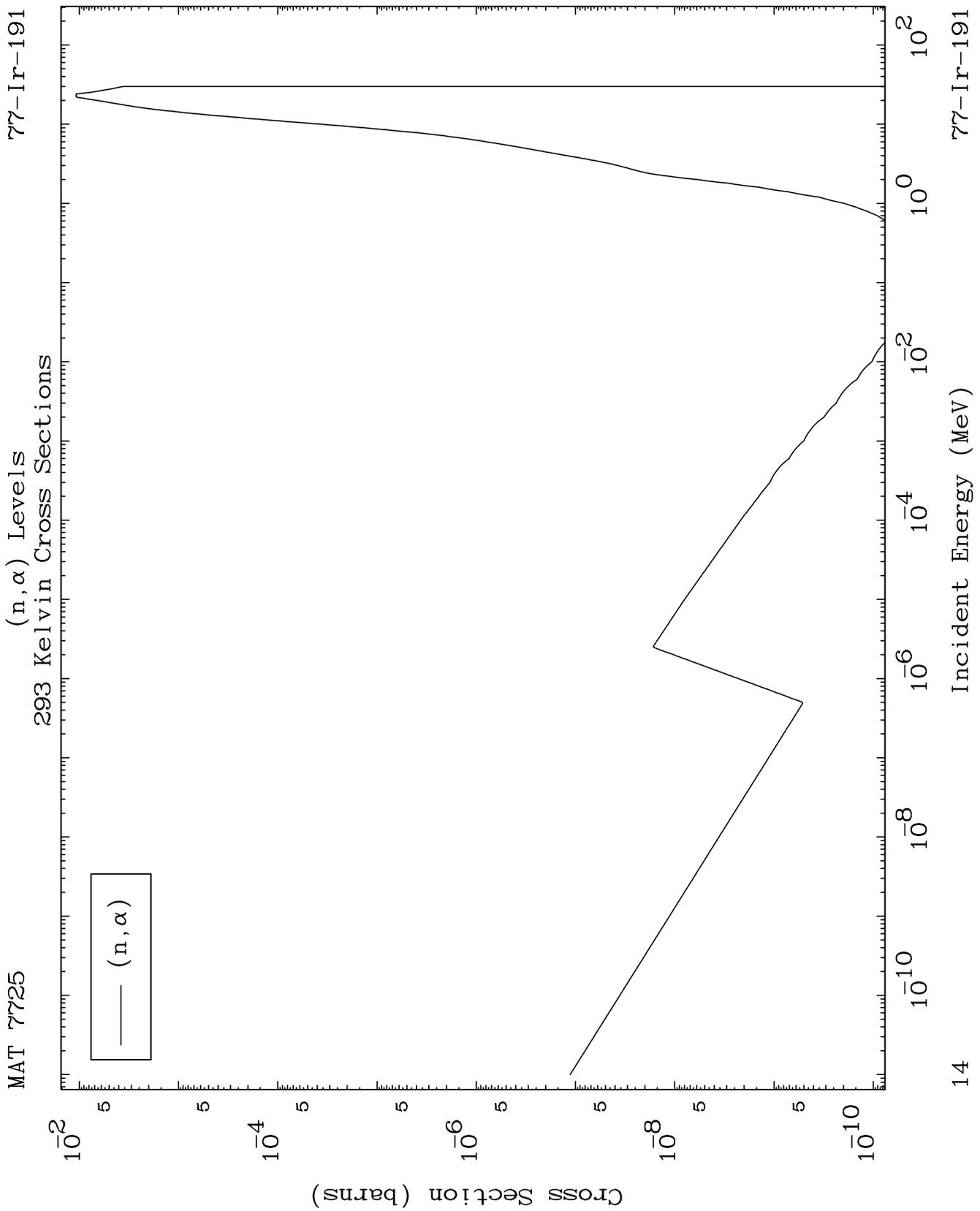
77-Ir-191

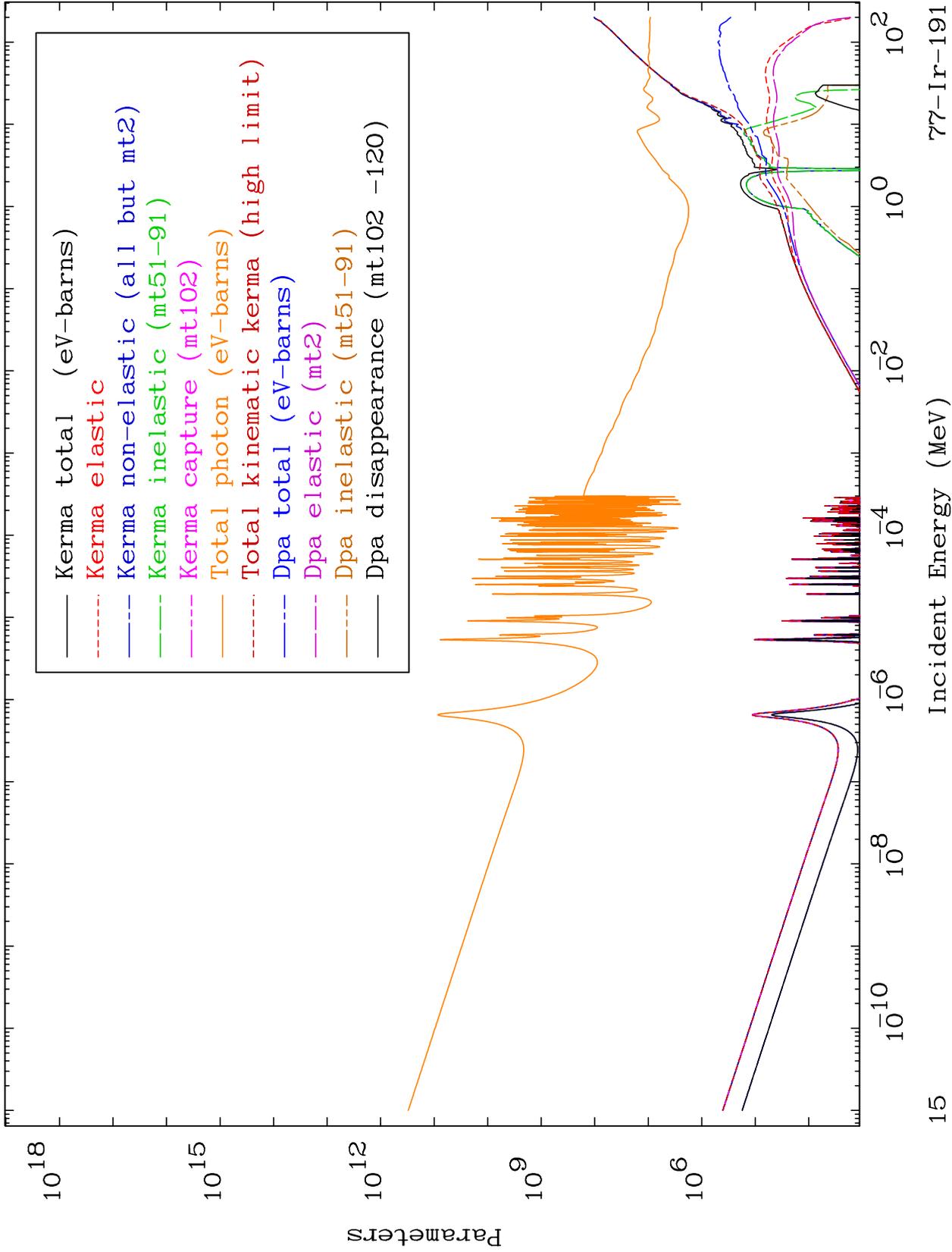


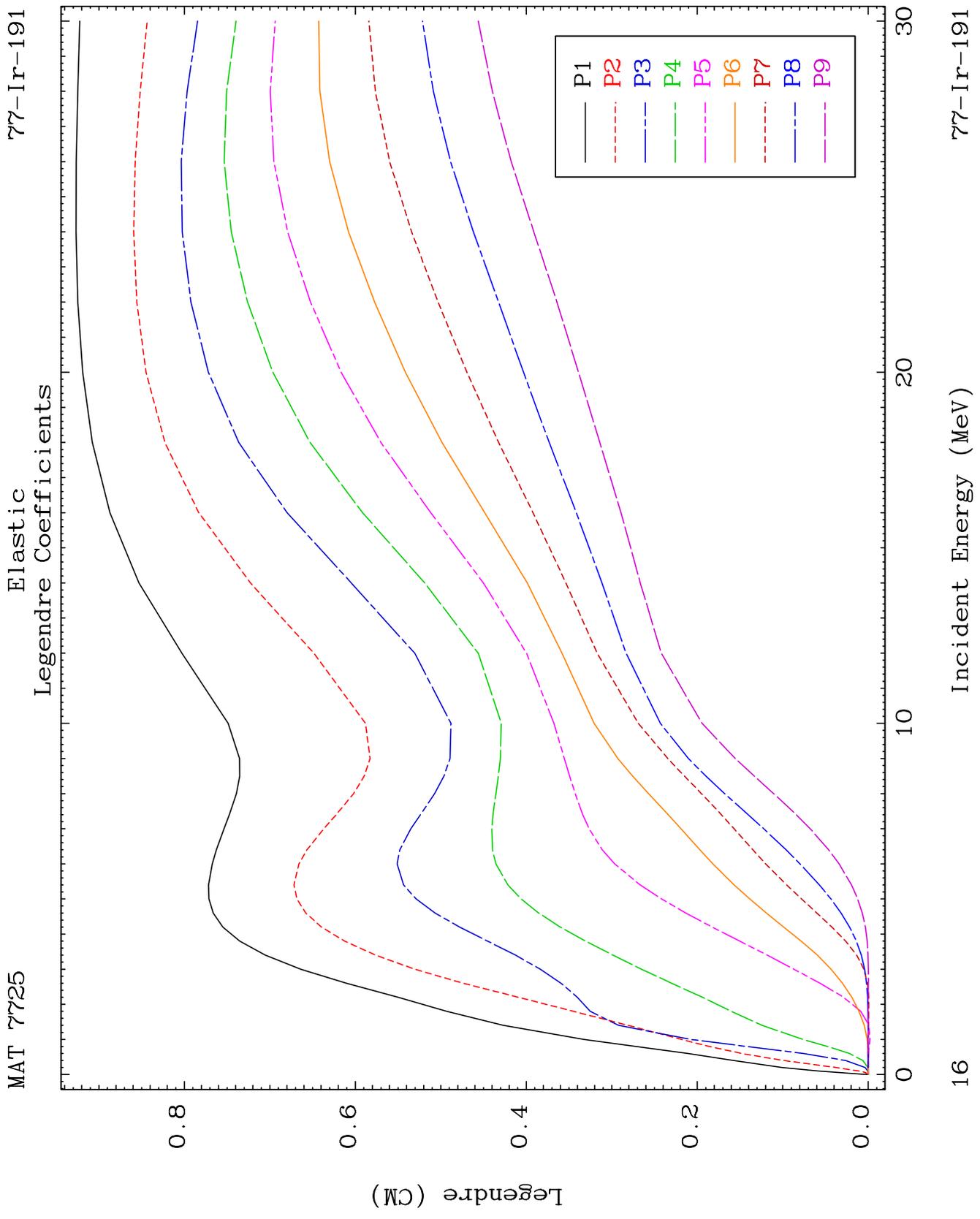
13

Incident Energy (MeV)

77-Ir-191



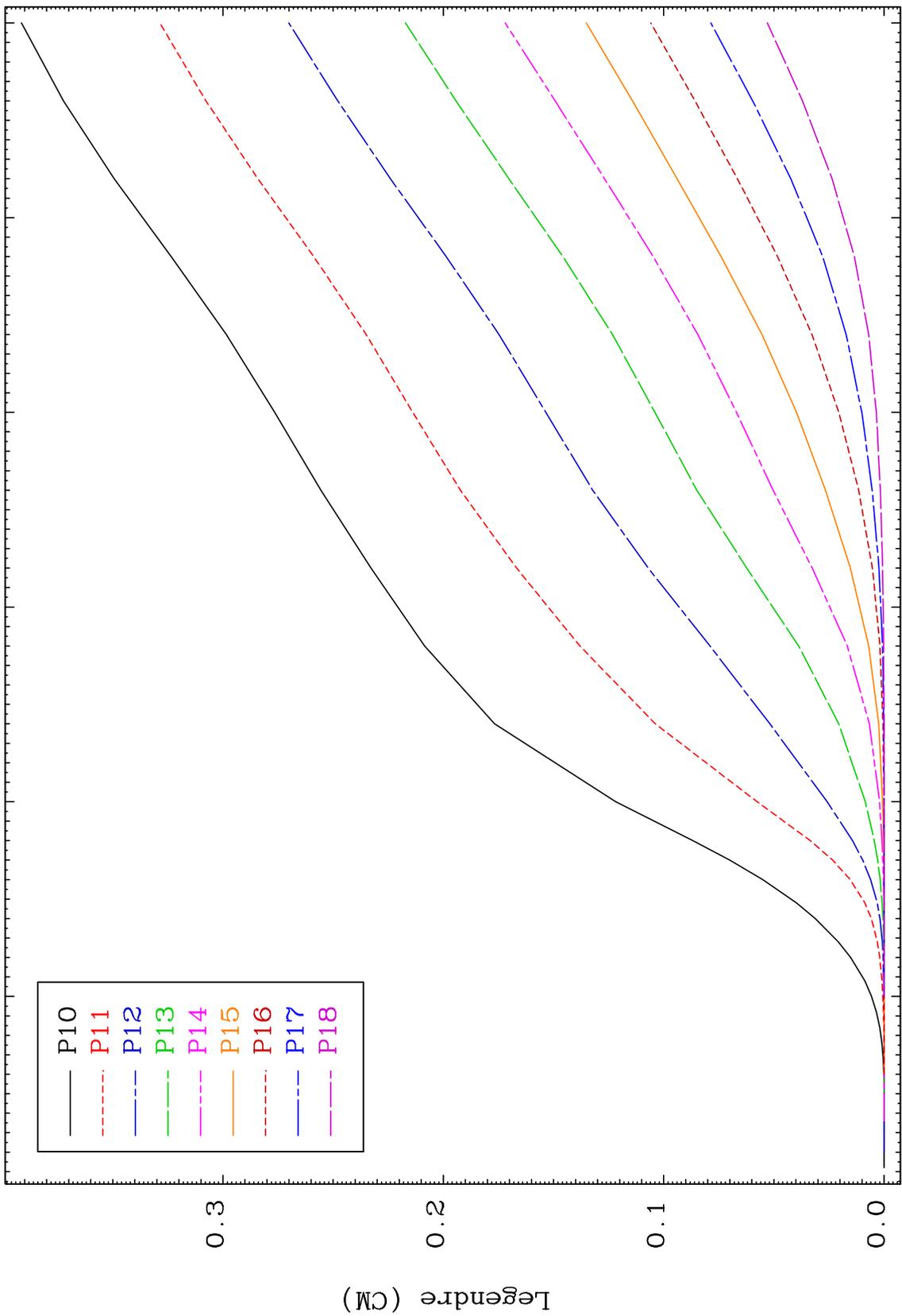




MAT 7725

Elastic Legendre Coefficients

77-Ir-191



17

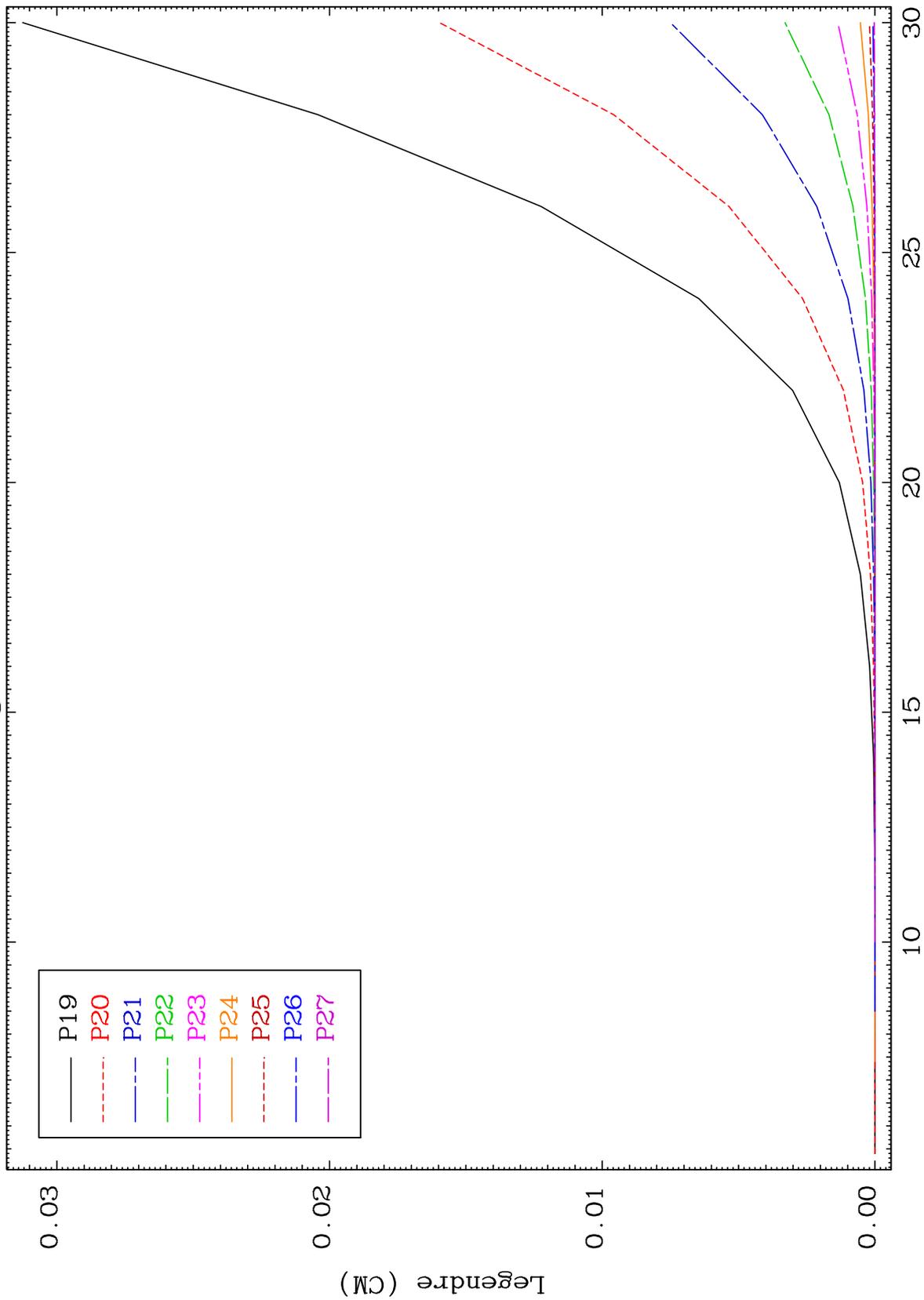
Incident Energy (MeV)

77-Ir-191

MAT 7725

Elastic Legendre Coefficients

77-Ir-191



18

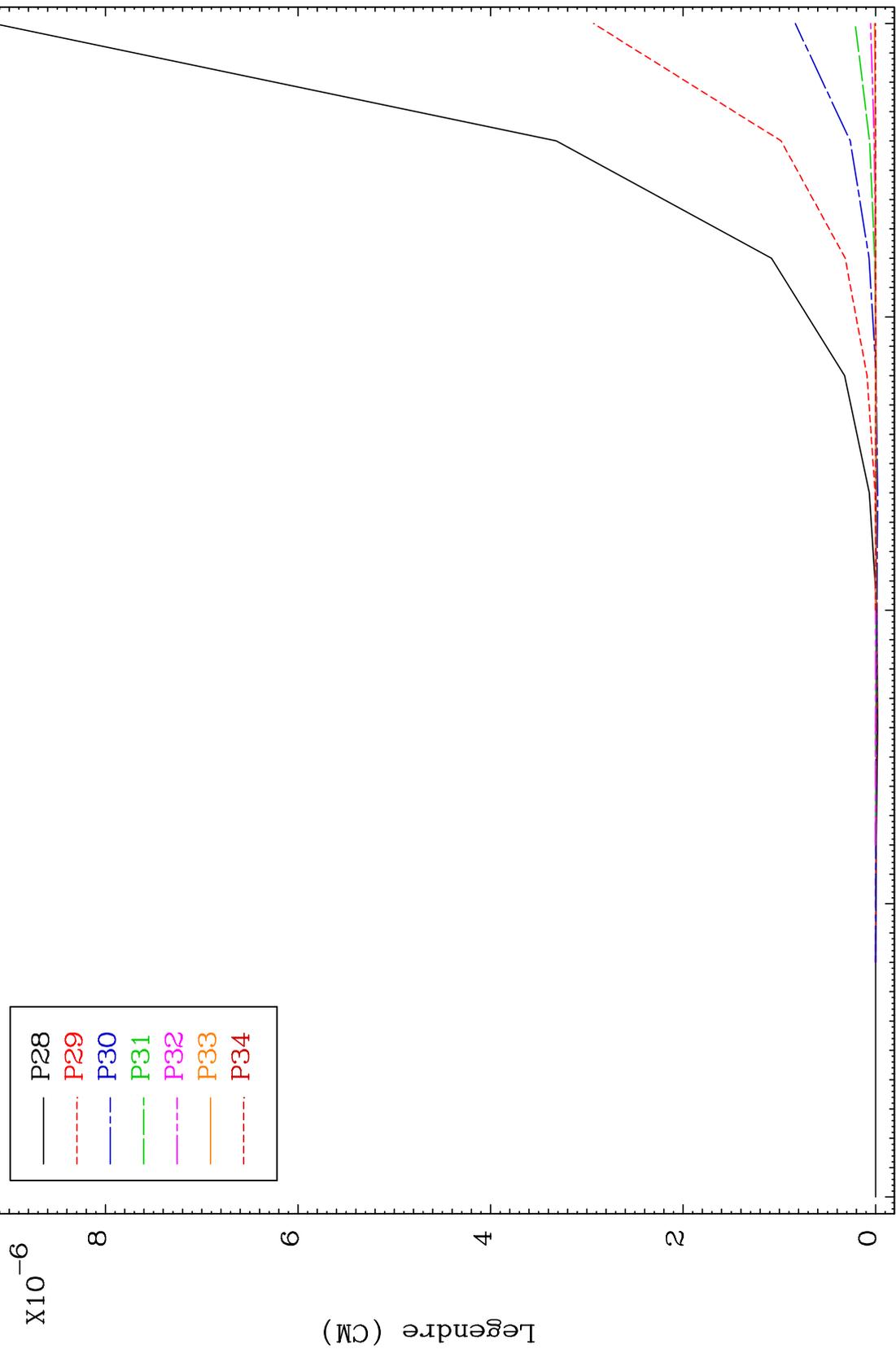
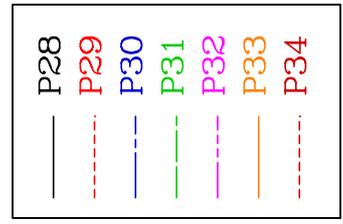
Incident Energy (MeV)

77-Ir-191

MAT 7725

Elastic
Legendre Coefficients

77-Ir-191



10

15

20

25

30

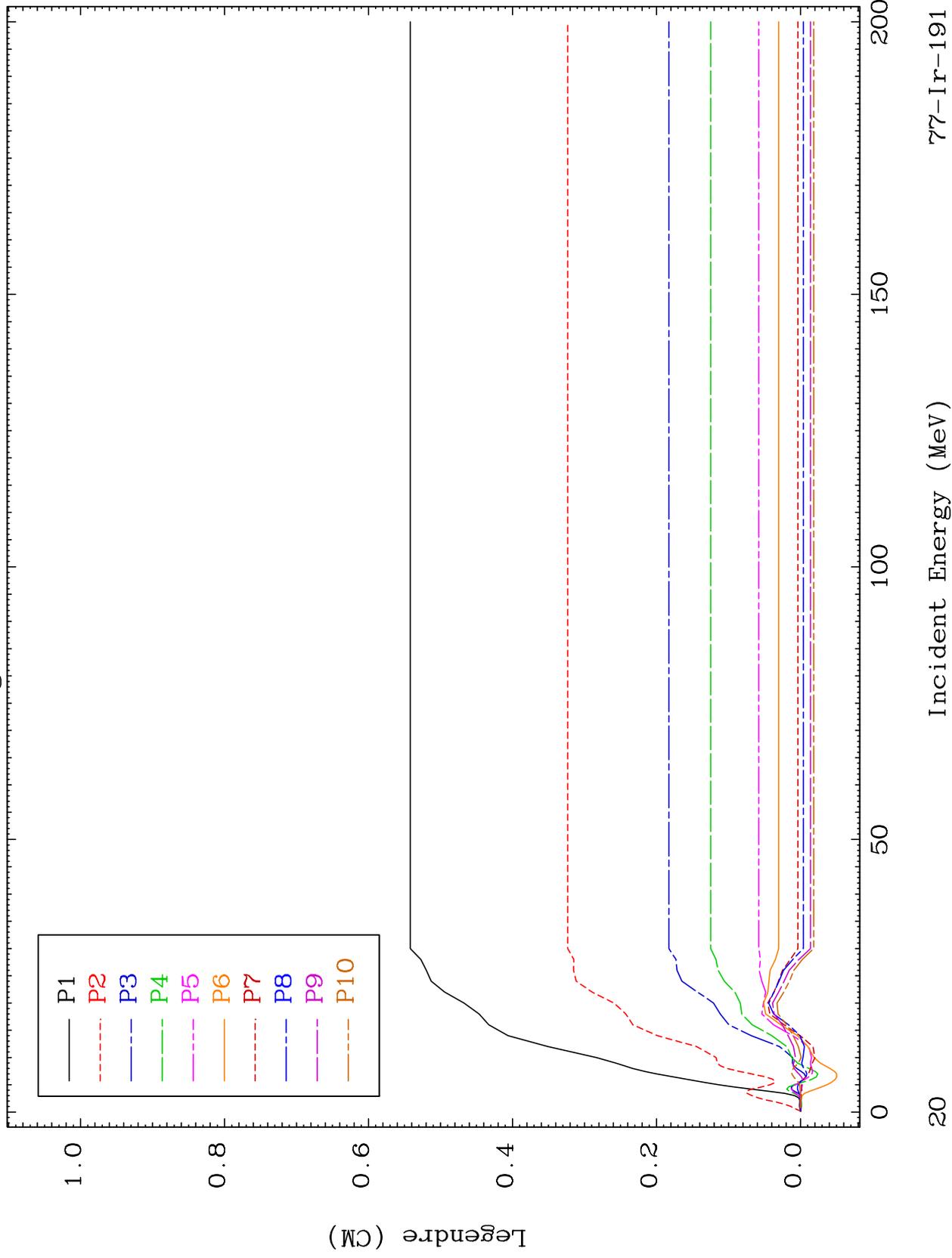
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

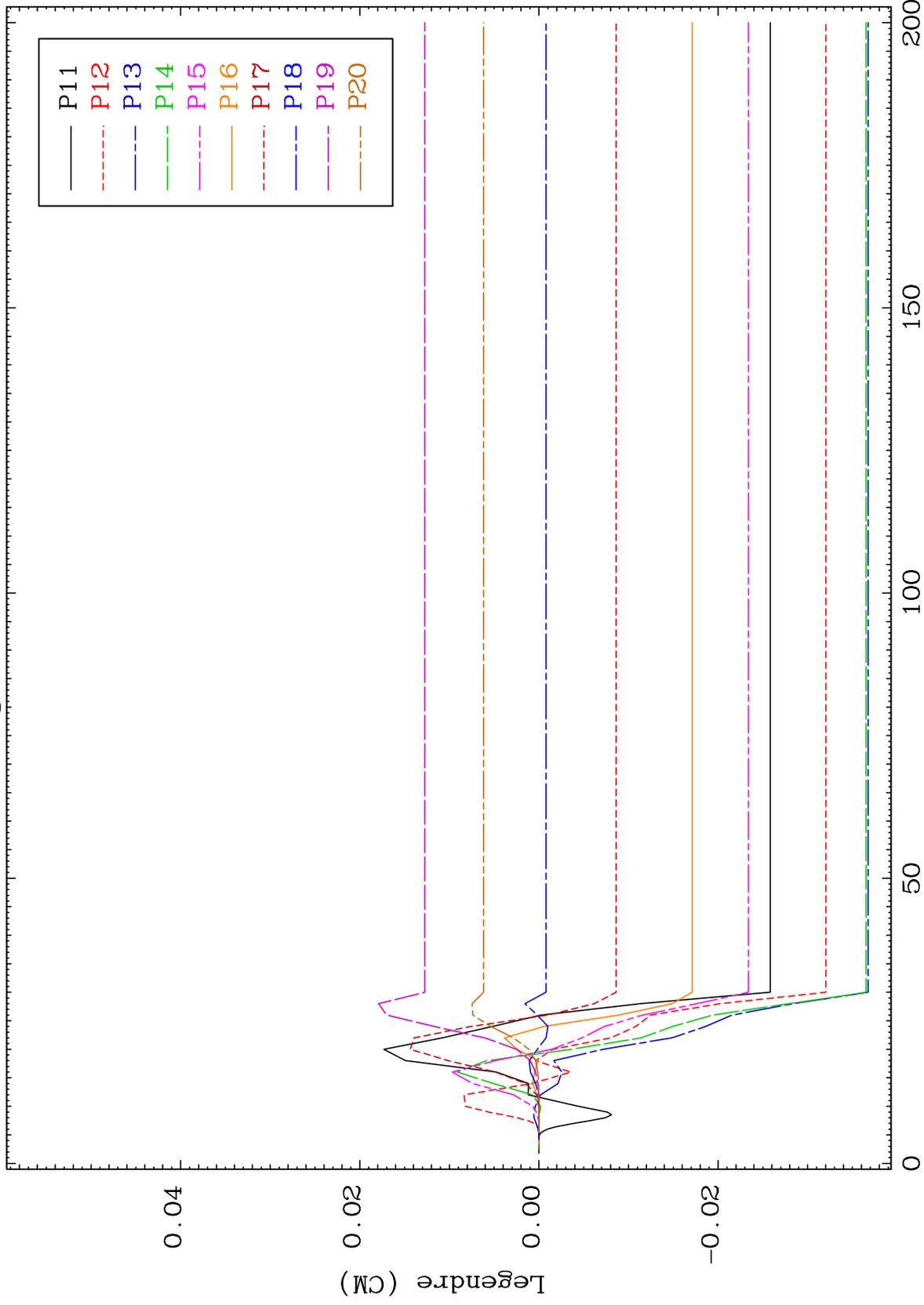
77-Ir-191



MAT 7725

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

77-Ir-191



21

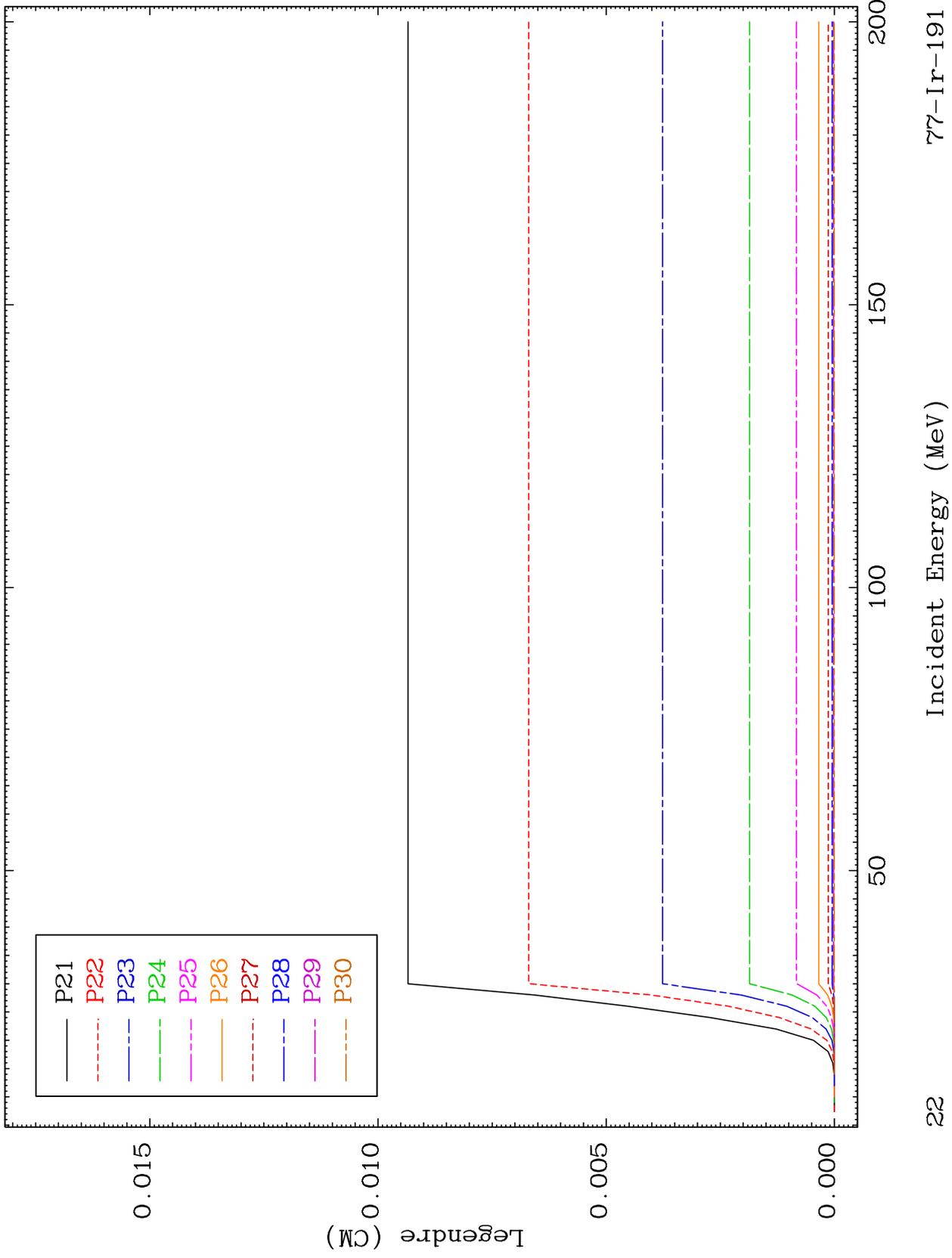
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

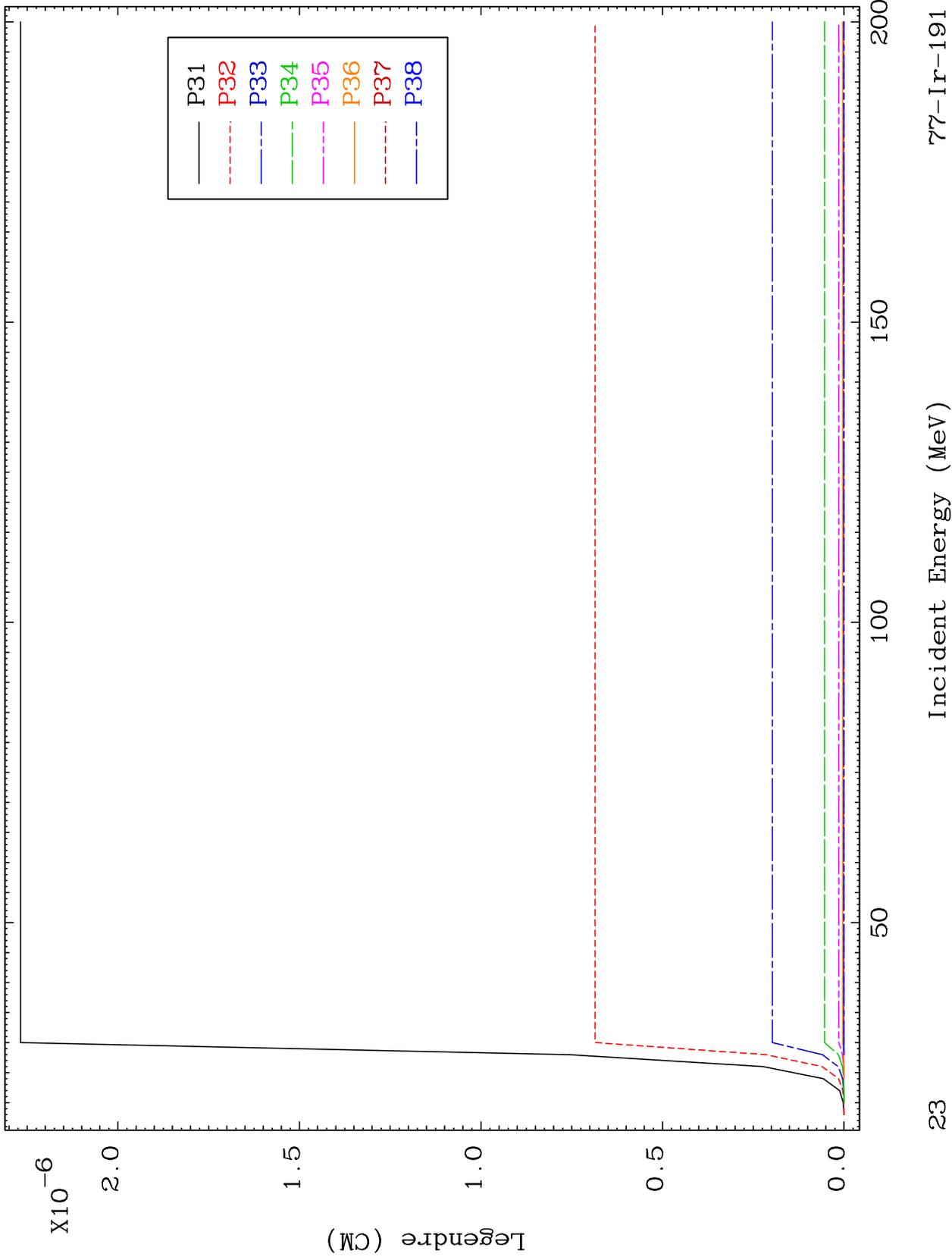
77-Ir-191



22

Incident Energy (MeV)

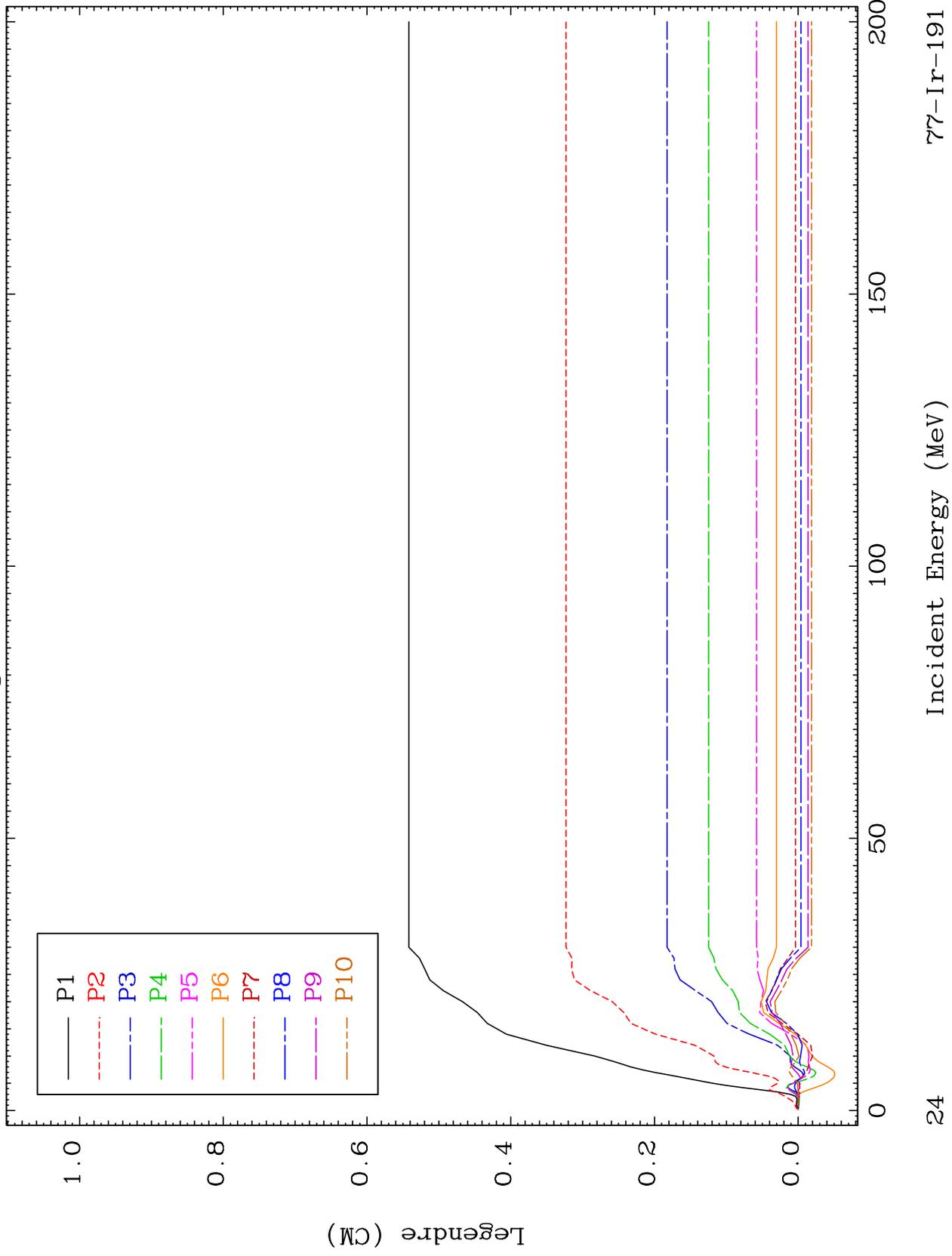
77-Ir-191



MAT 7725

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

77-Ir-191

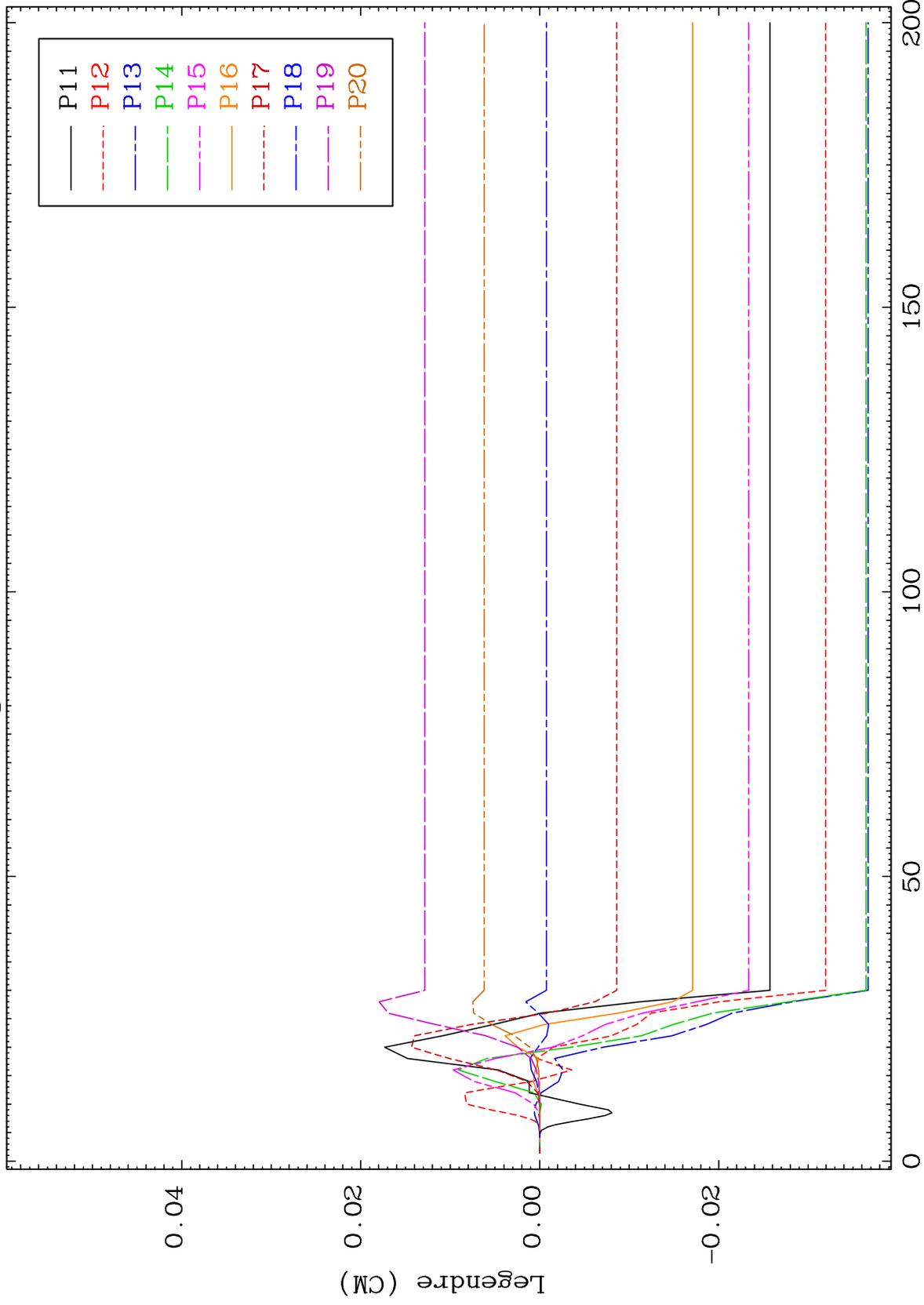


24

MAT 7725

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

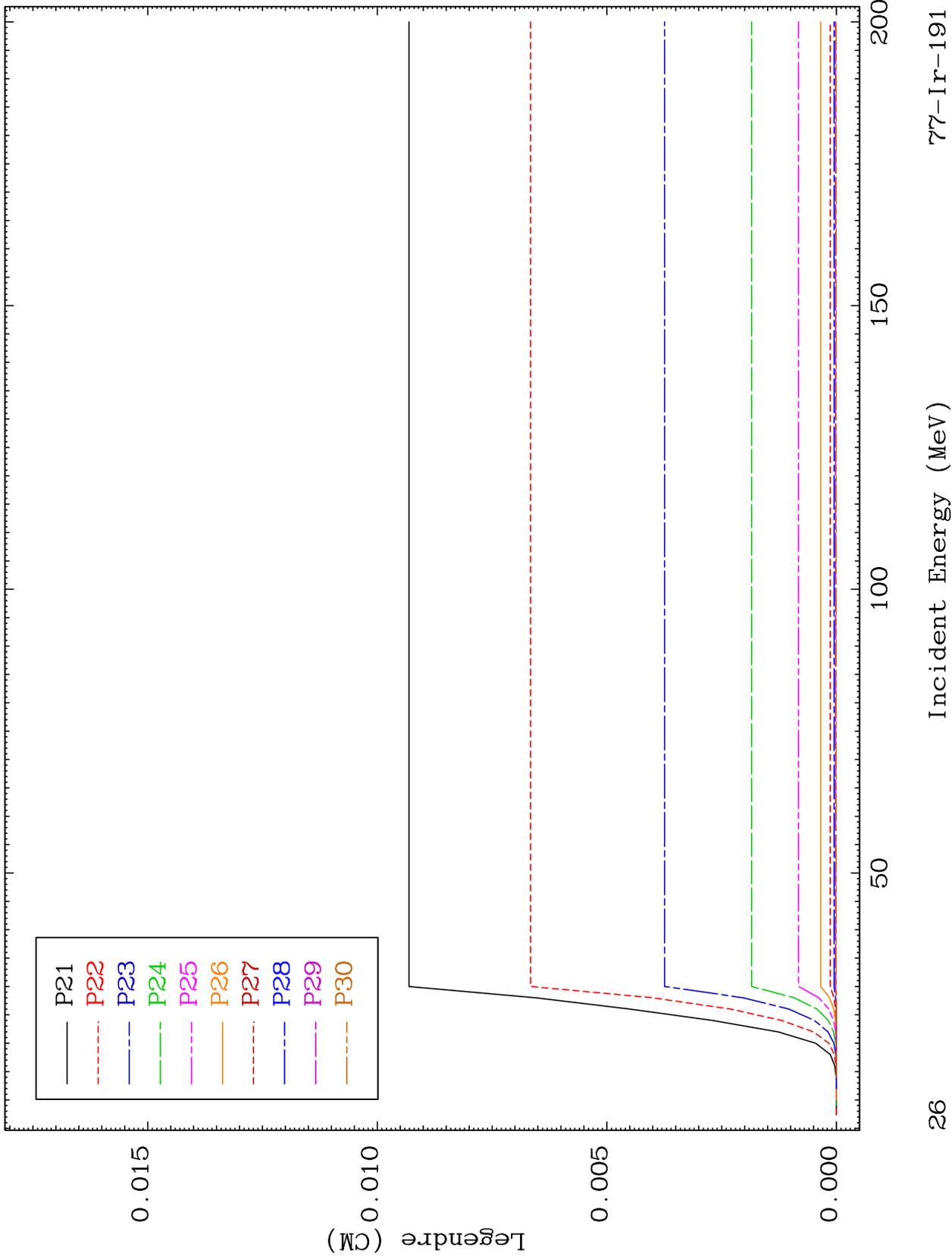
77-Ir-191



25

Incident Energy (MeV)

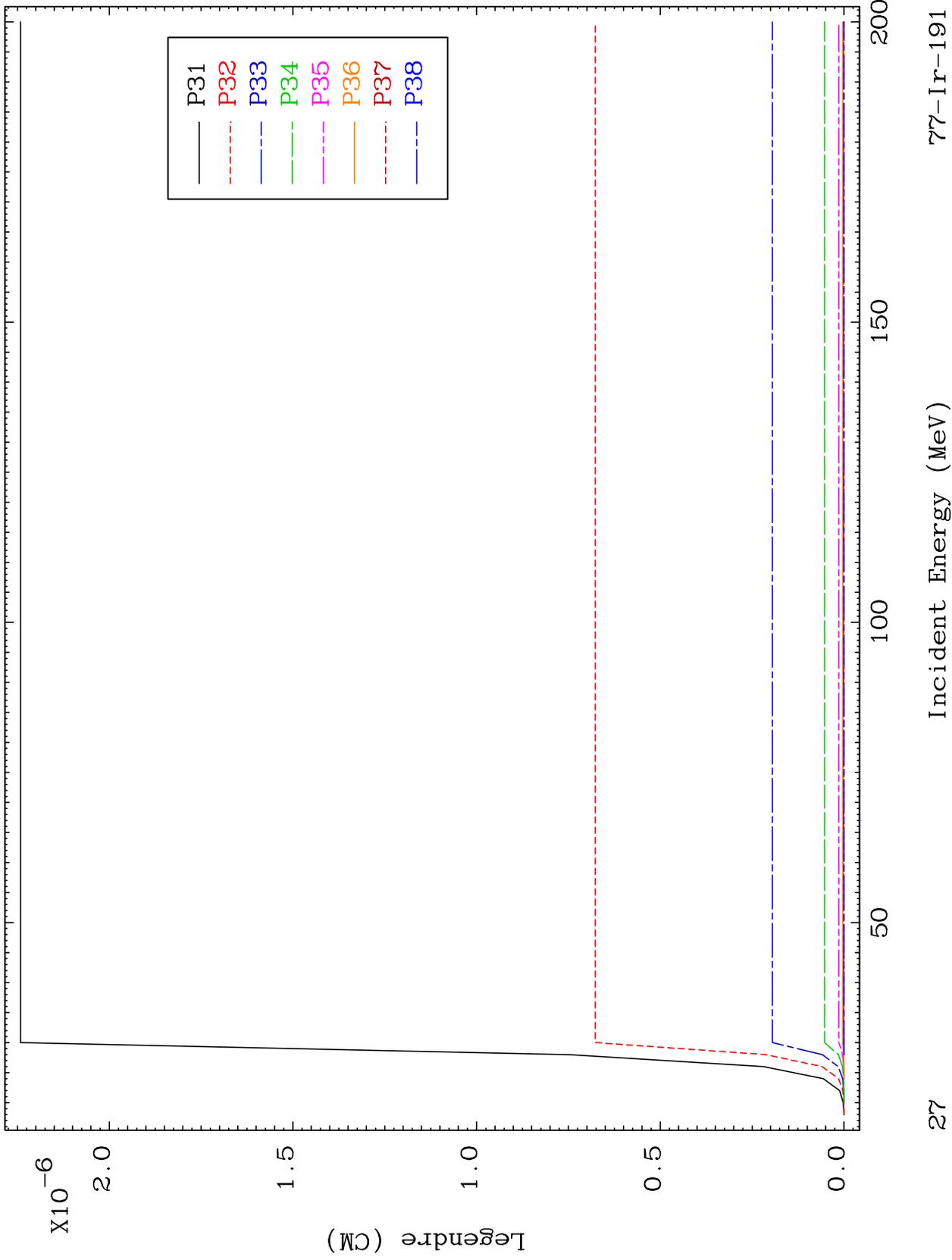
77-Ir-191



MAT 7725

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

77-Ir-191



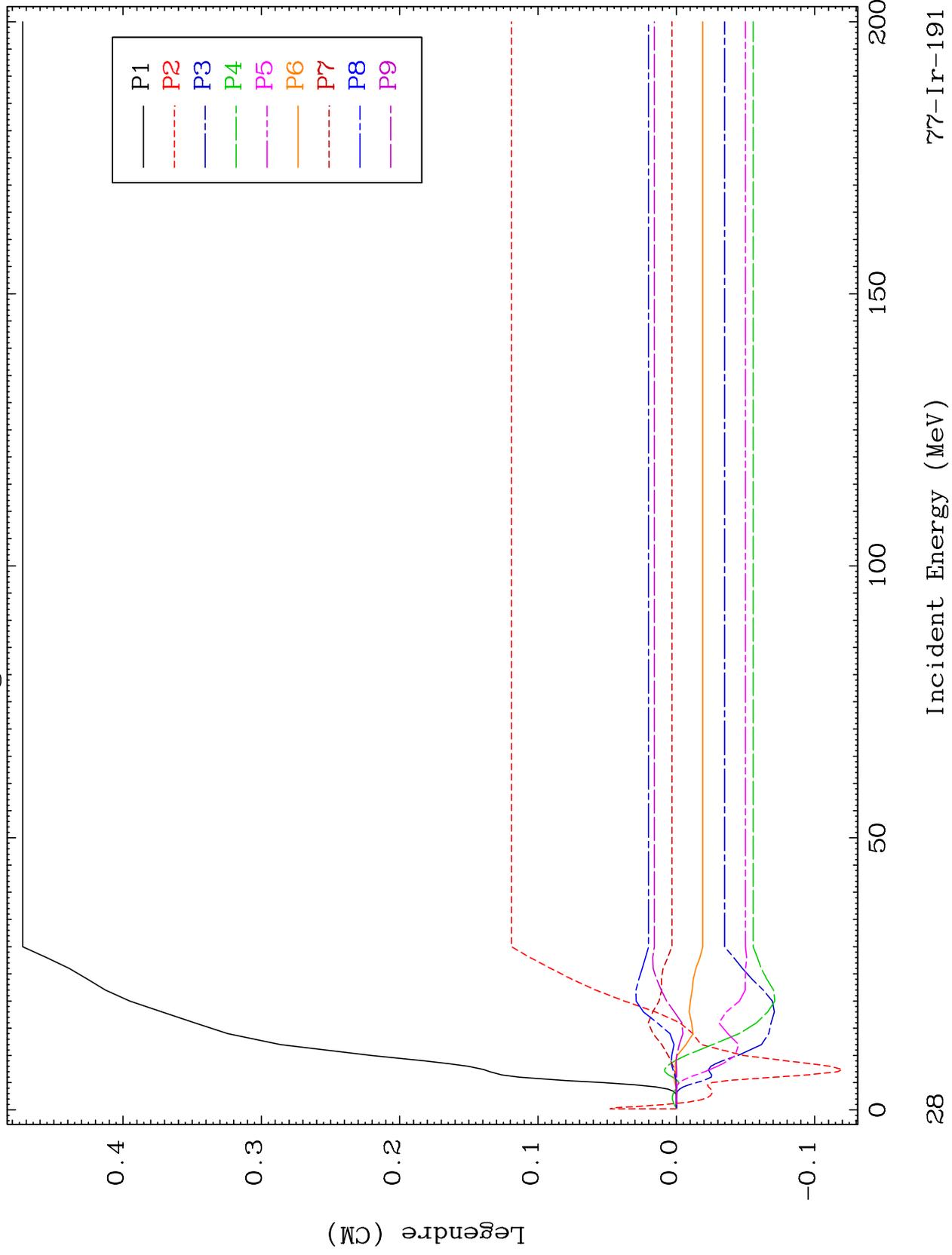
27

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

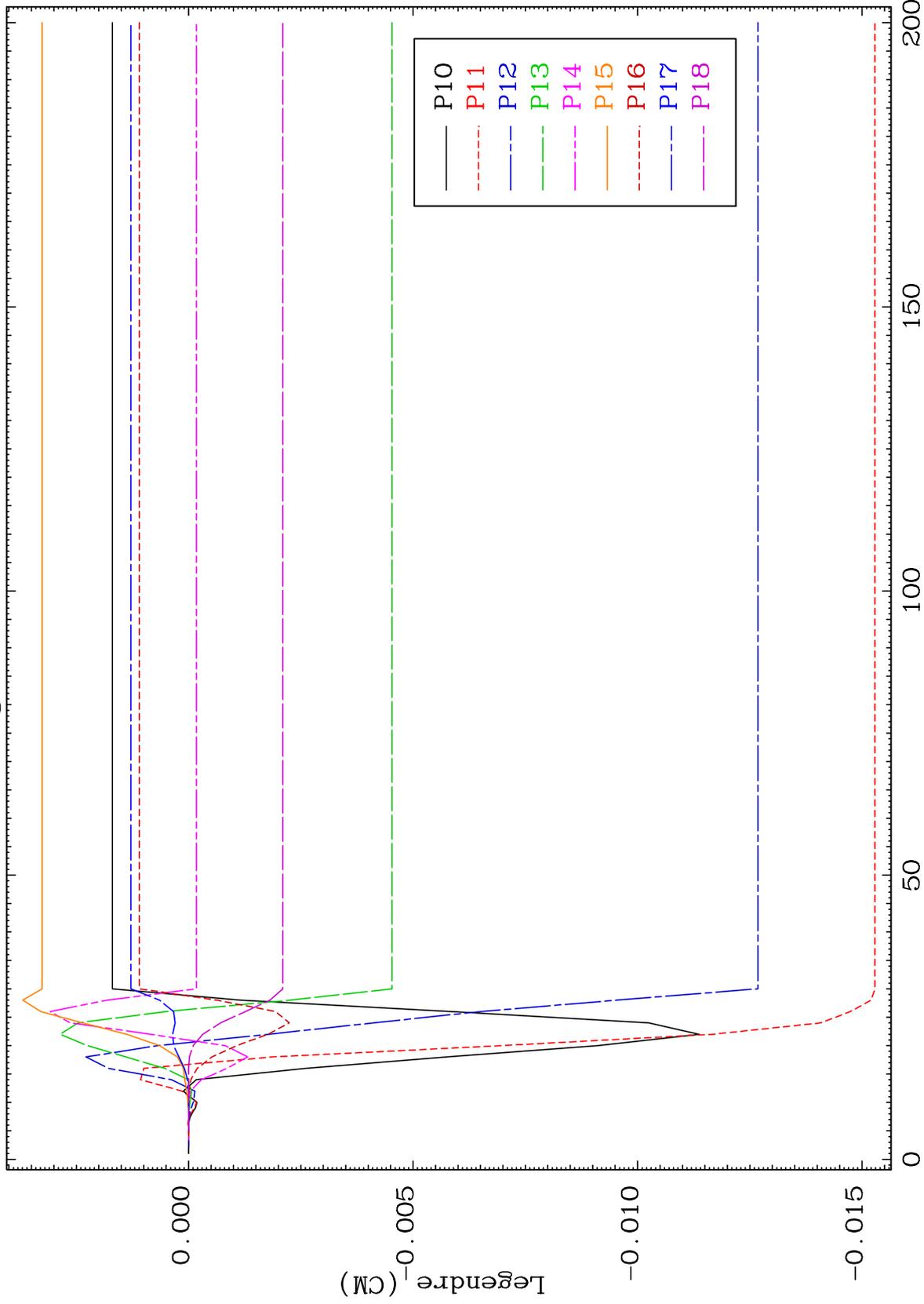
Incident Energy (MeV)

28

MAT 7725

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

77-Ir-191



29

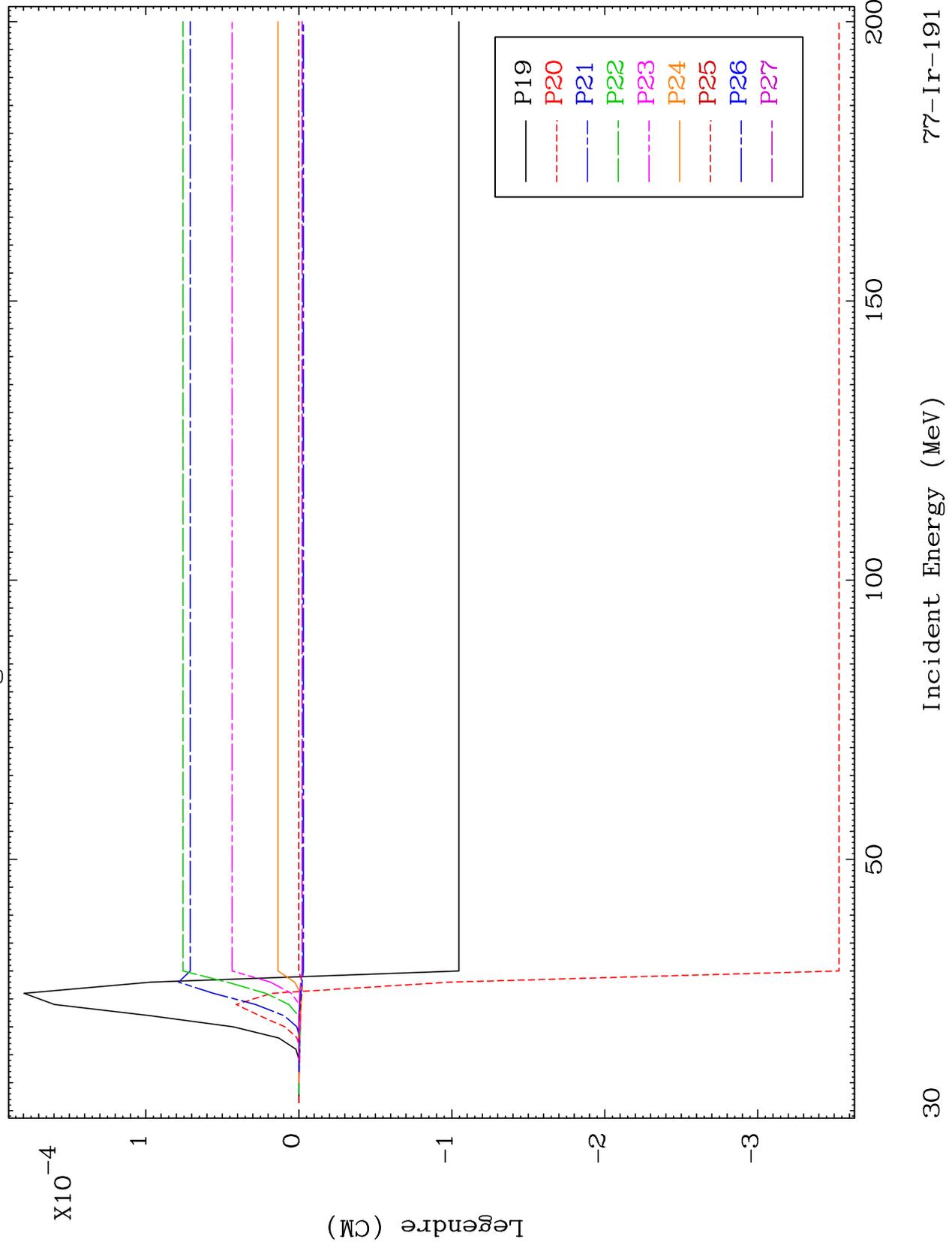
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

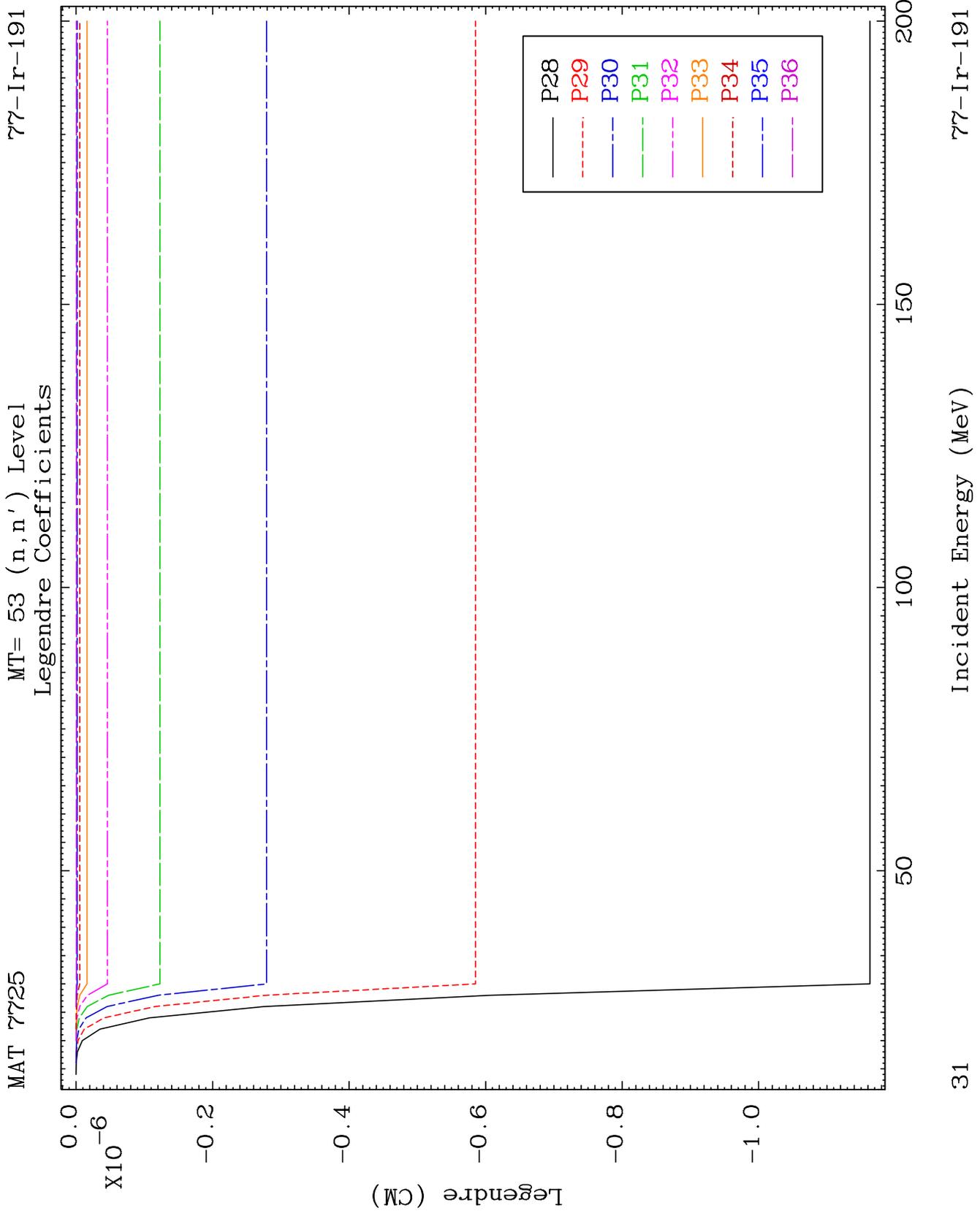
77-Ir-191



30

Incident Energy (MeV)

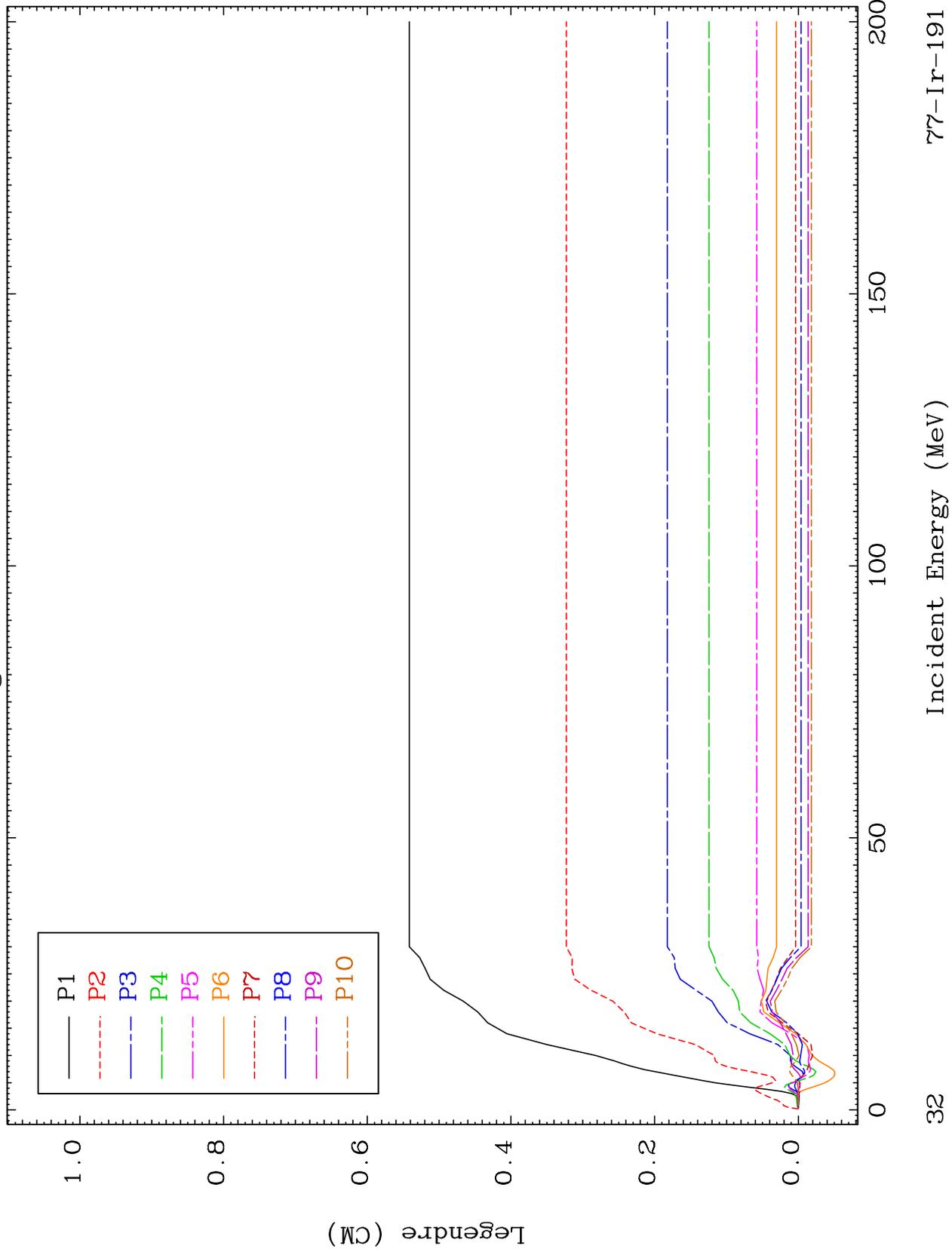
77-Ir-191



MAT 7725

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

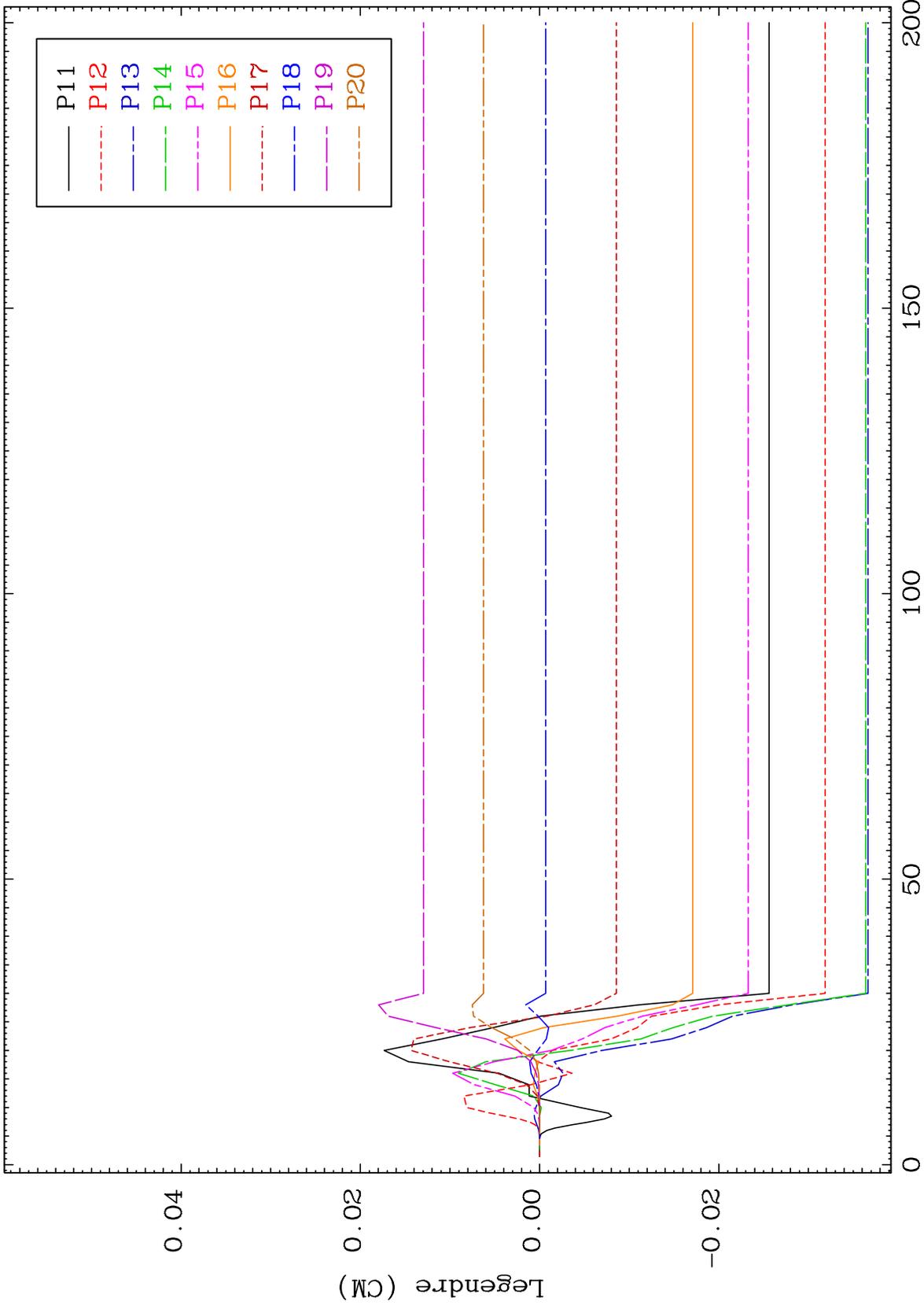
77-Ir-191



32

Incident Energy (MeV)

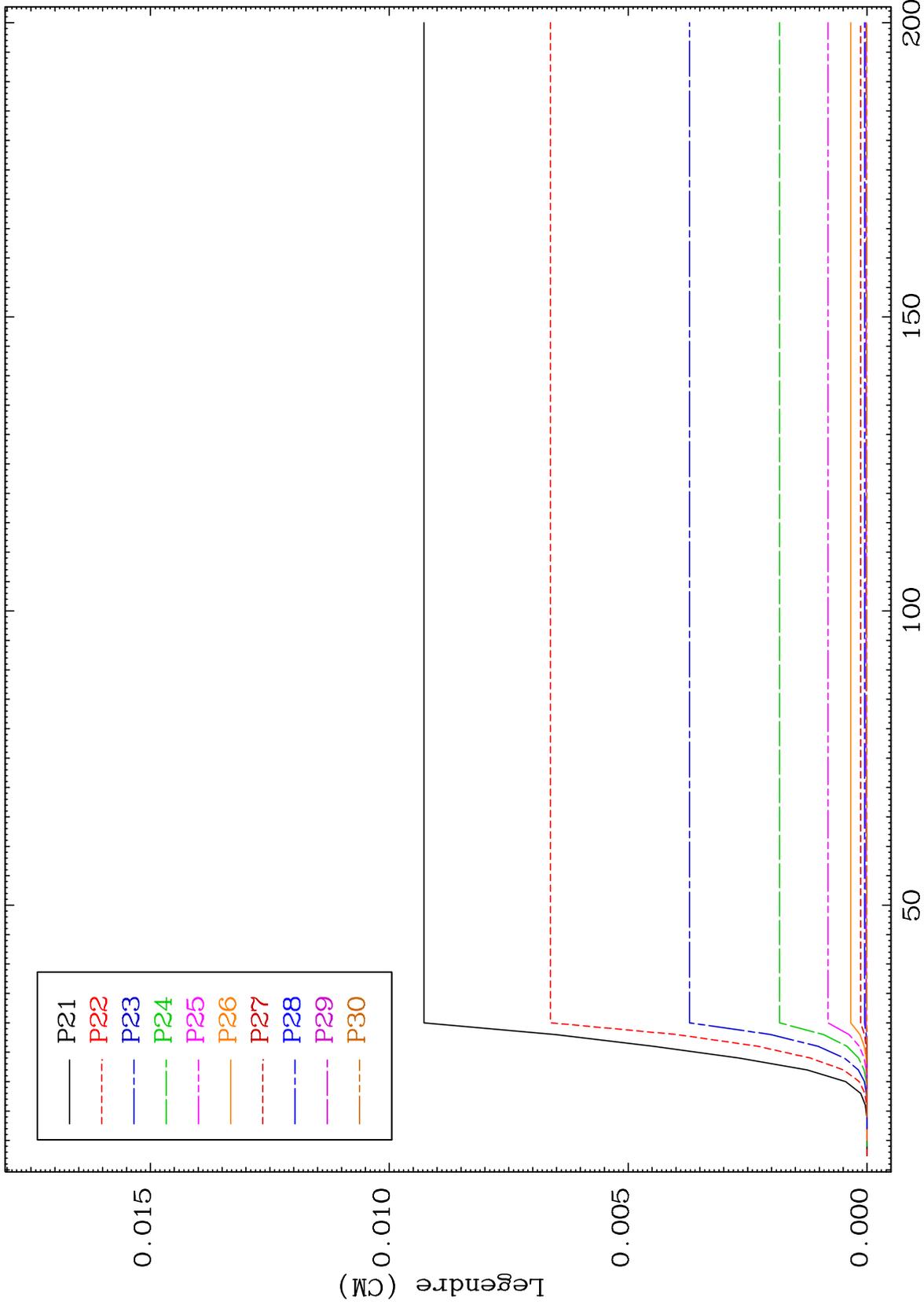
77-Ir-191



MAT 7725

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

77-Ir-191



34

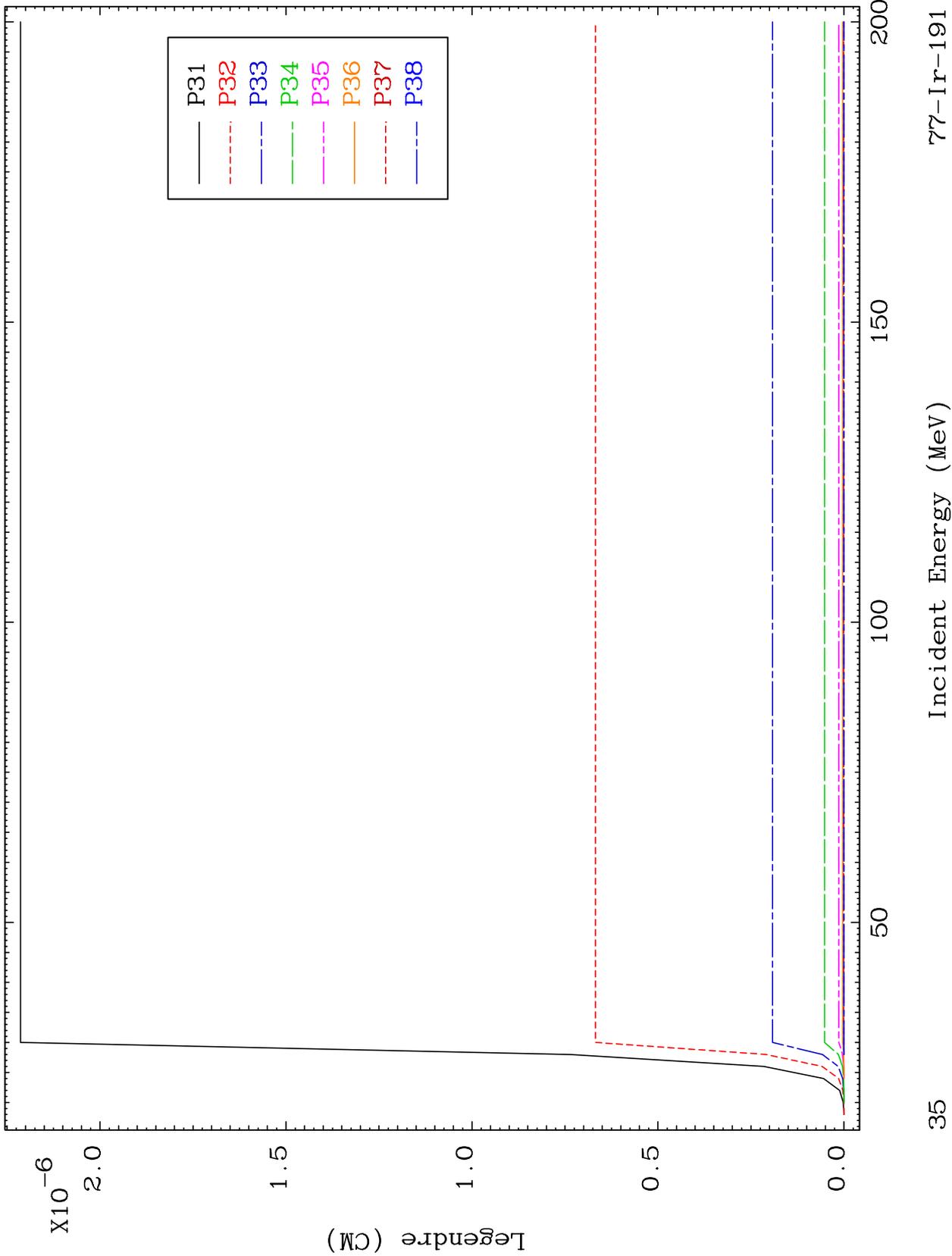
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



35

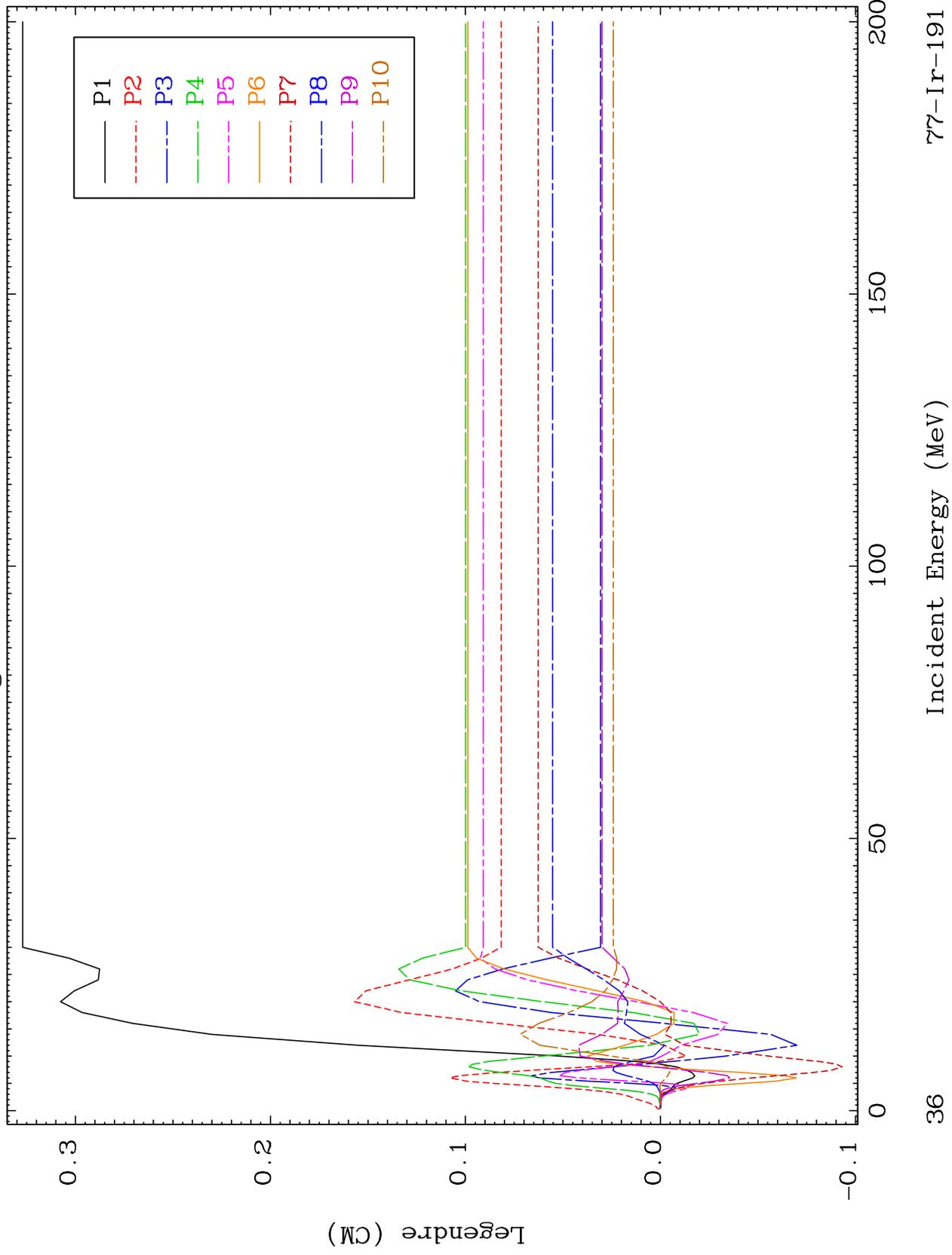
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

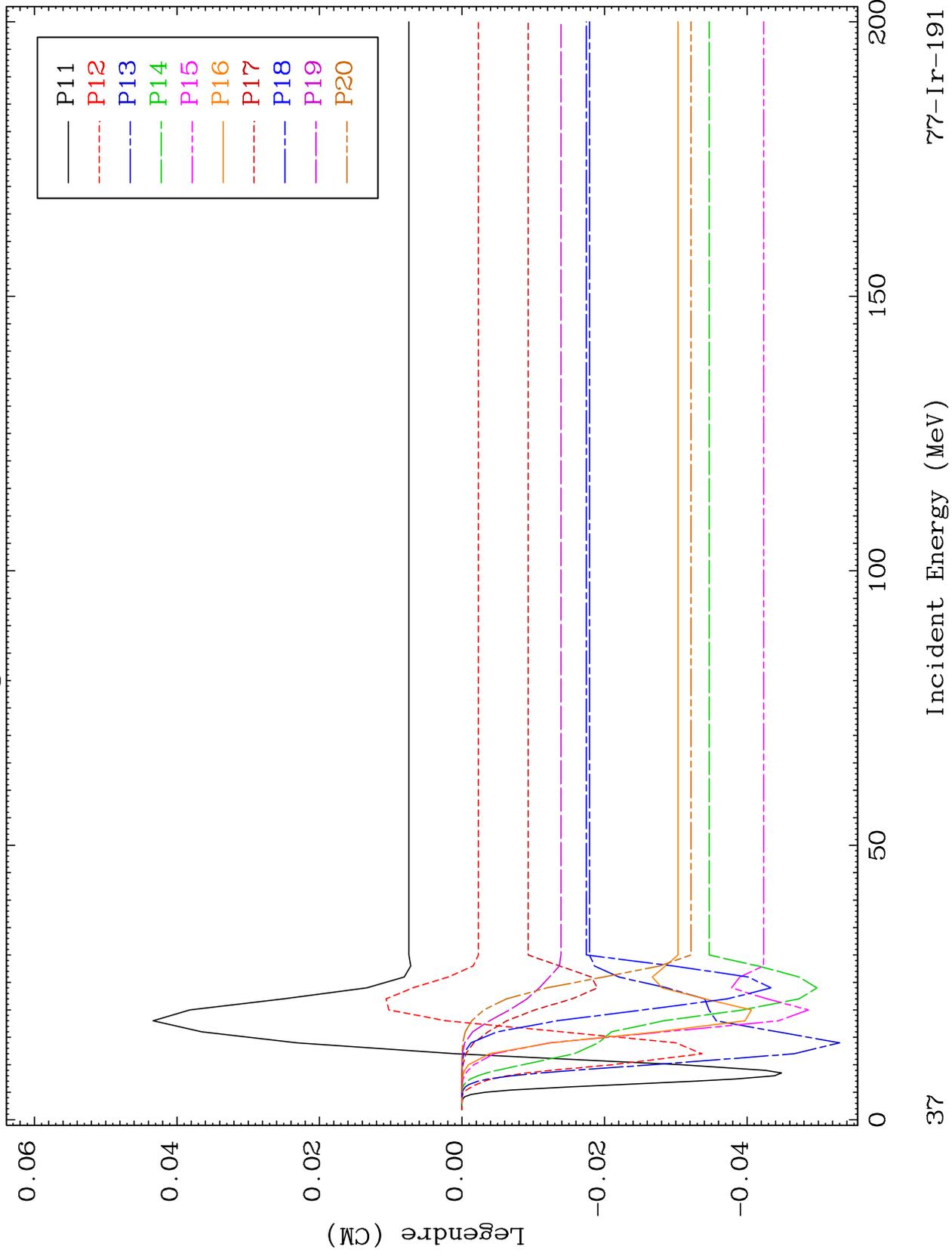
Incident Energy (MeV)

36

MAT 7725

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

77-Ir-191



77-Ir-191

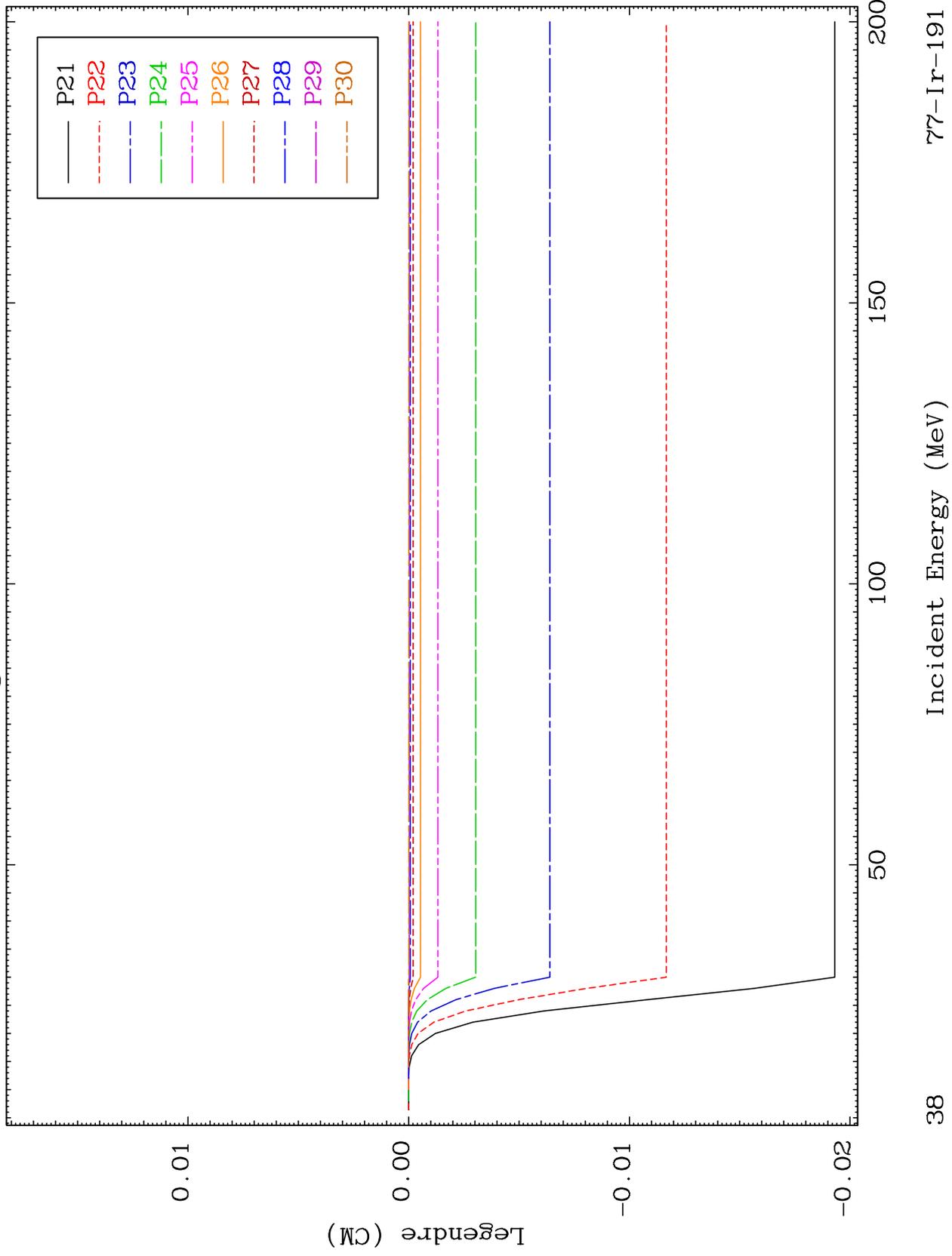
Incident Energy (MeV)

37

MAT 7725

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

77-Ir-191



38

Incident Energy (MeV)

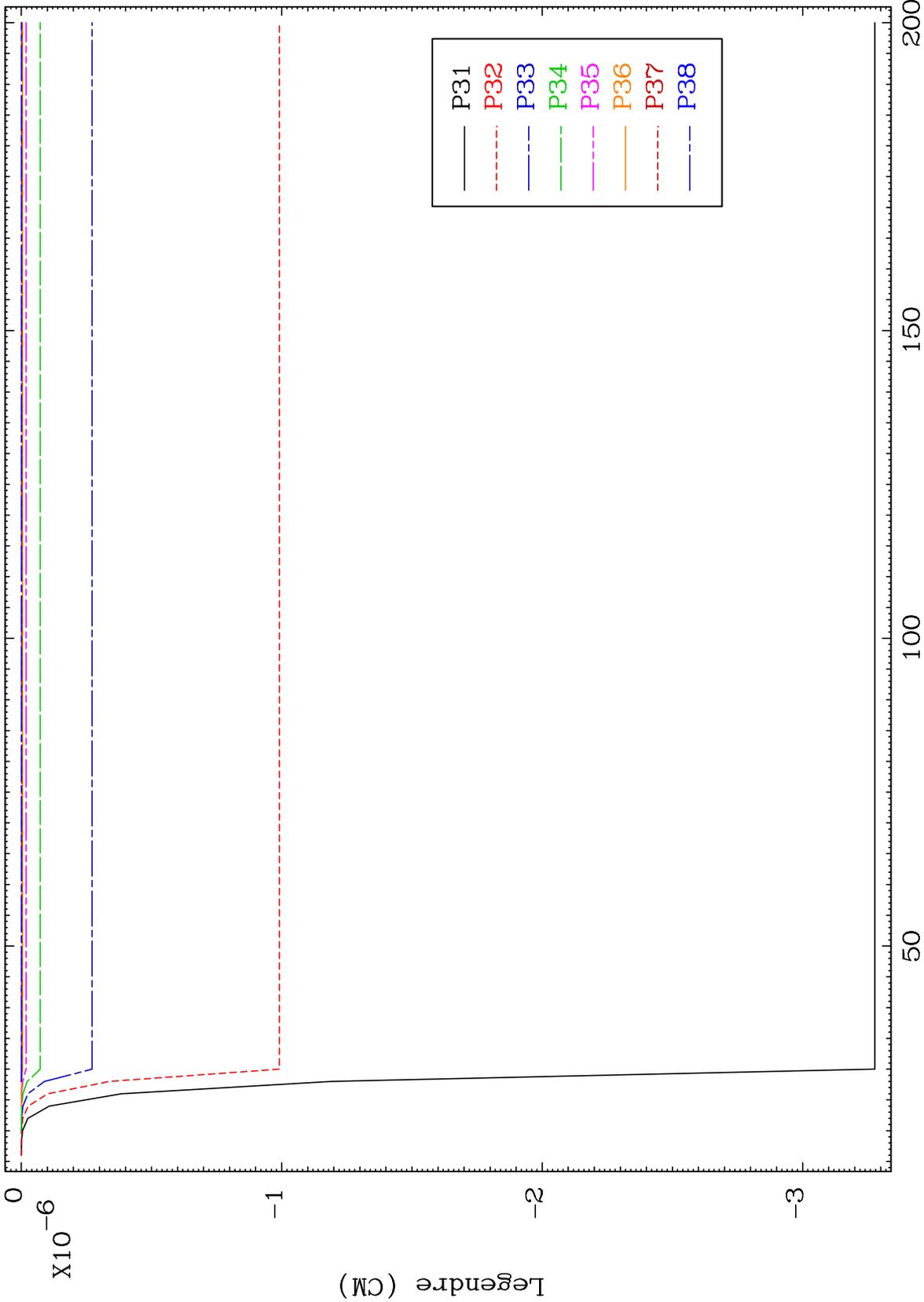
77-Ir-191

MAT 7725

MT= 55 (n,n') Level

77-Ir-191

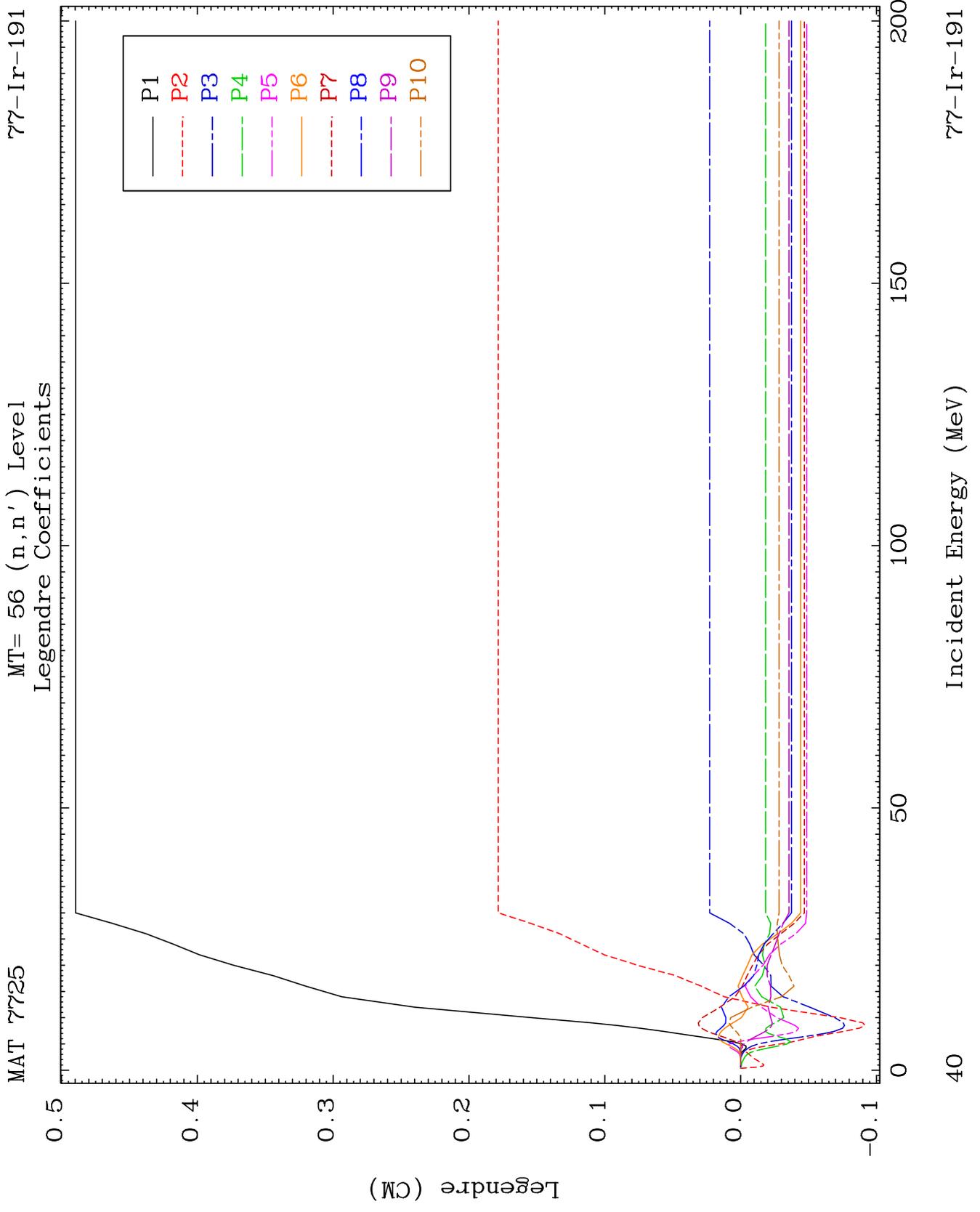
Legendre Coefficients



39

Incident Energy (MeV)

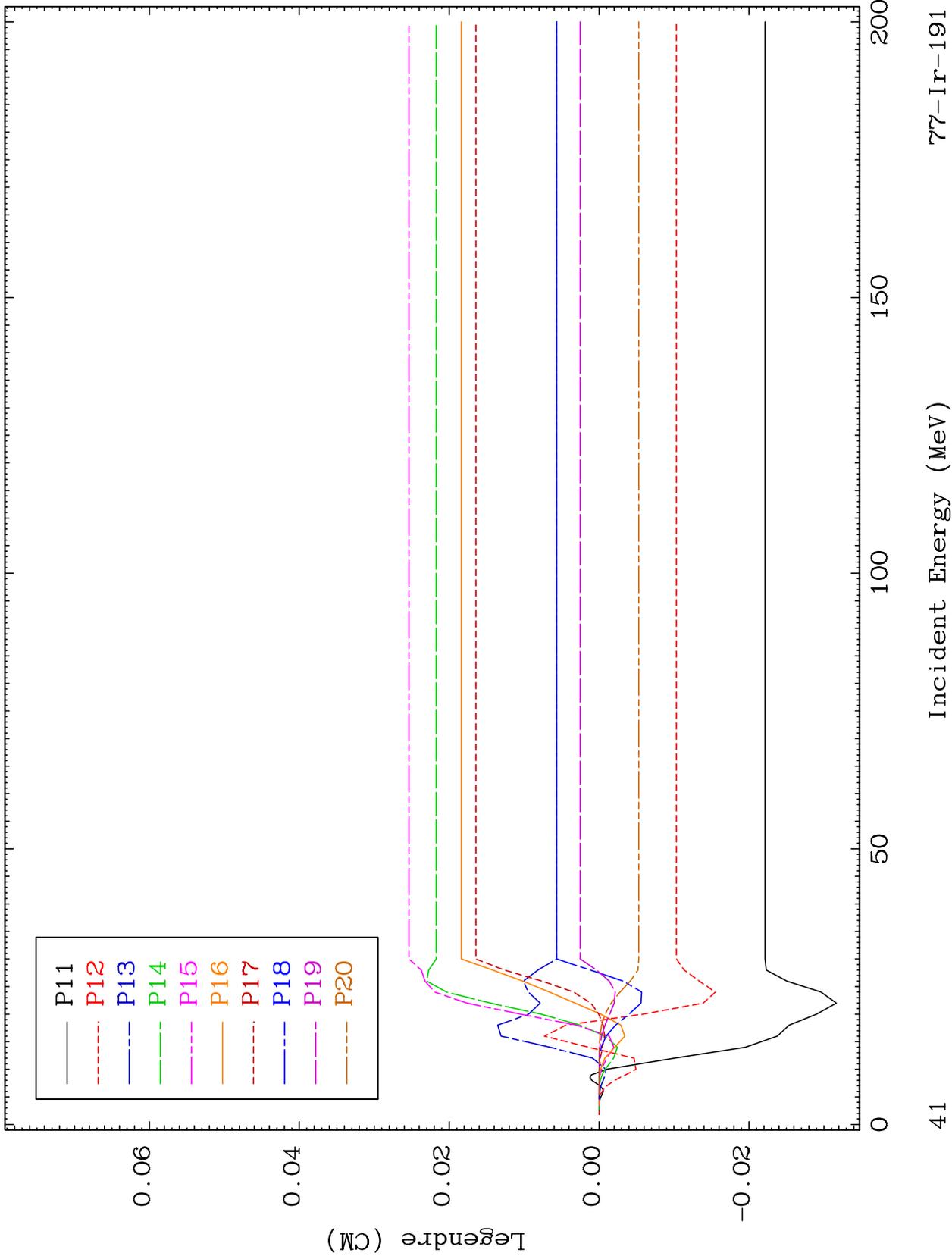
77-Ir-191



MAT 7725

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

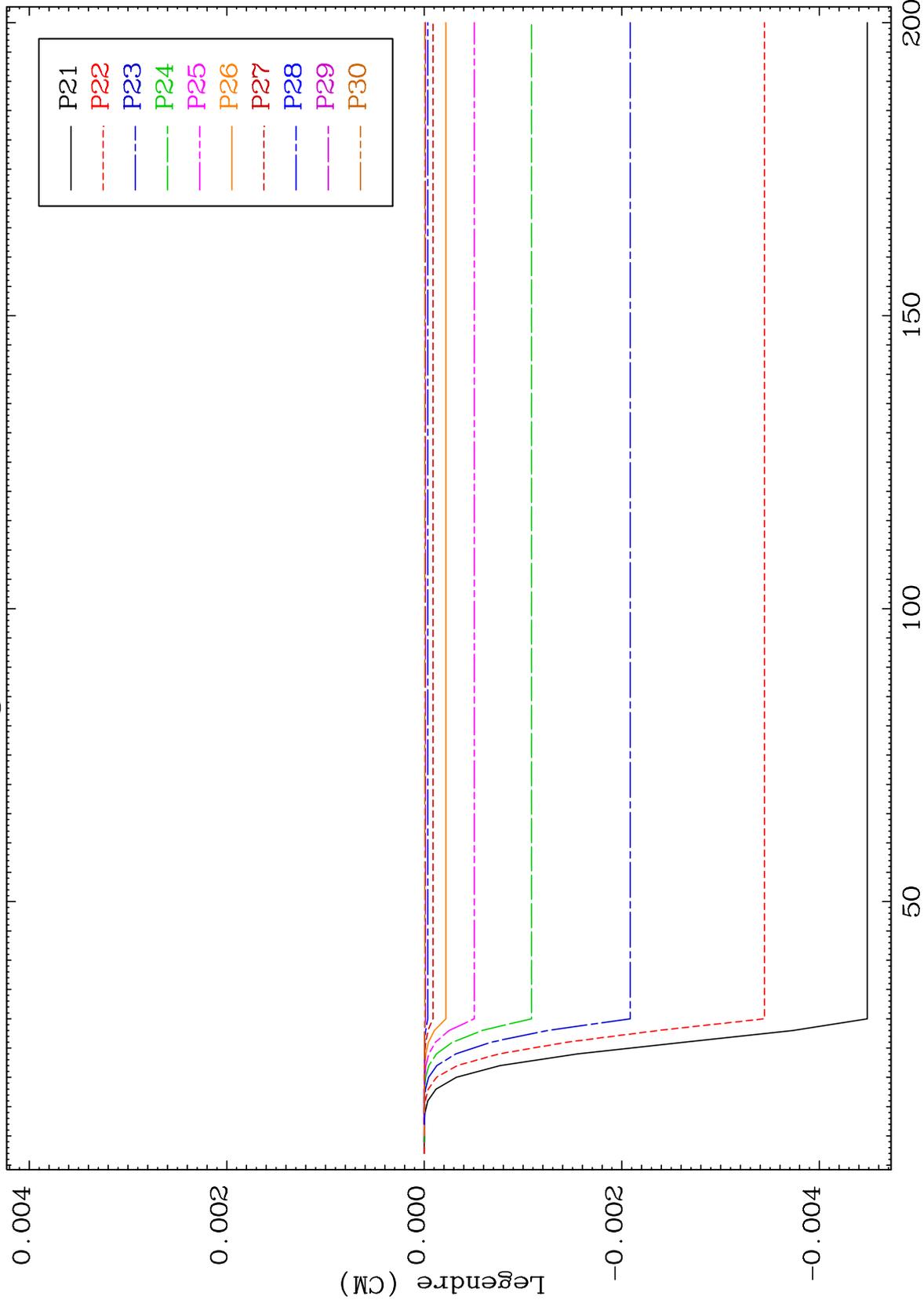
77-Ir-191



MAT 7725

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

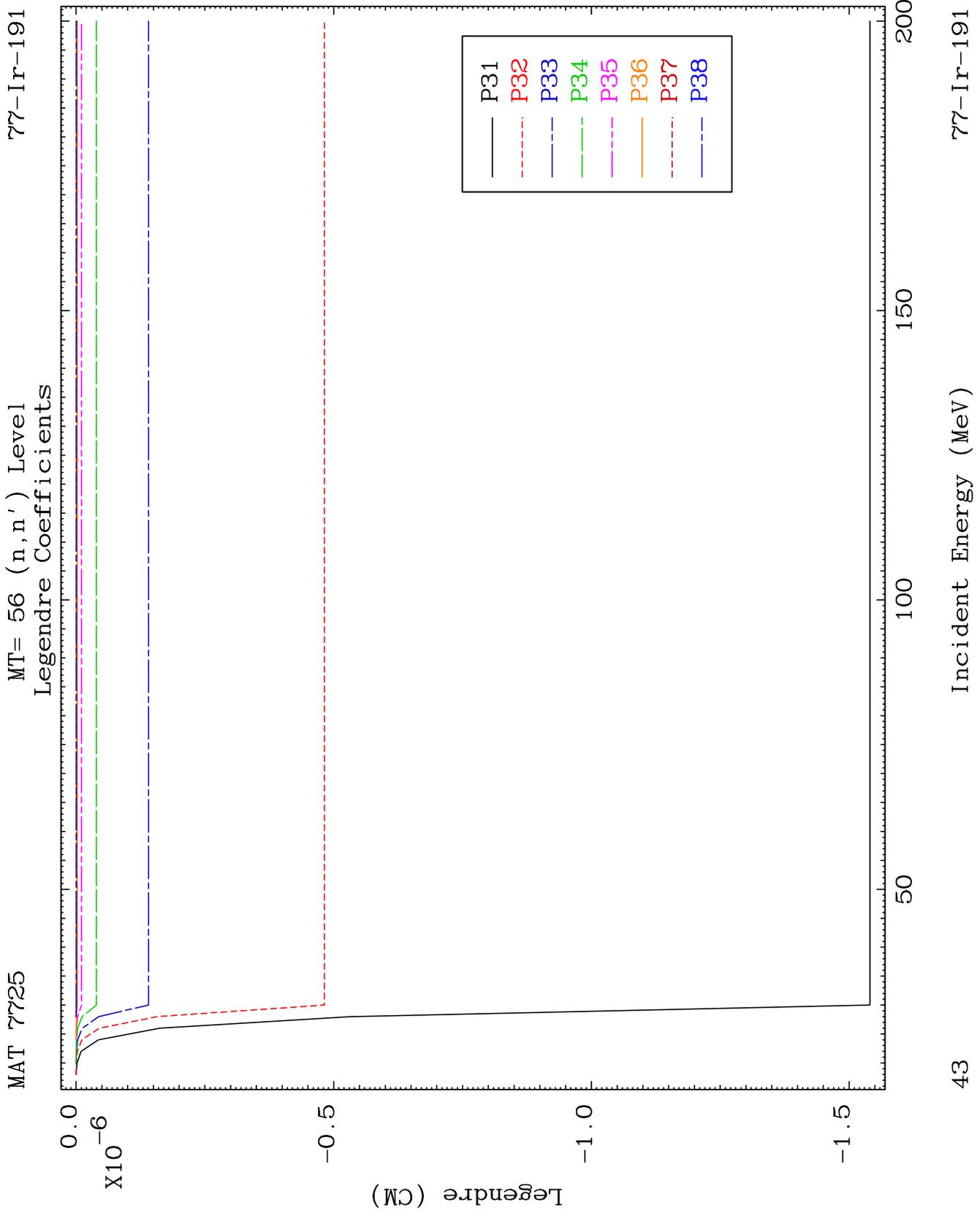
77-Ir-191



42

Incident Energy (MeV)

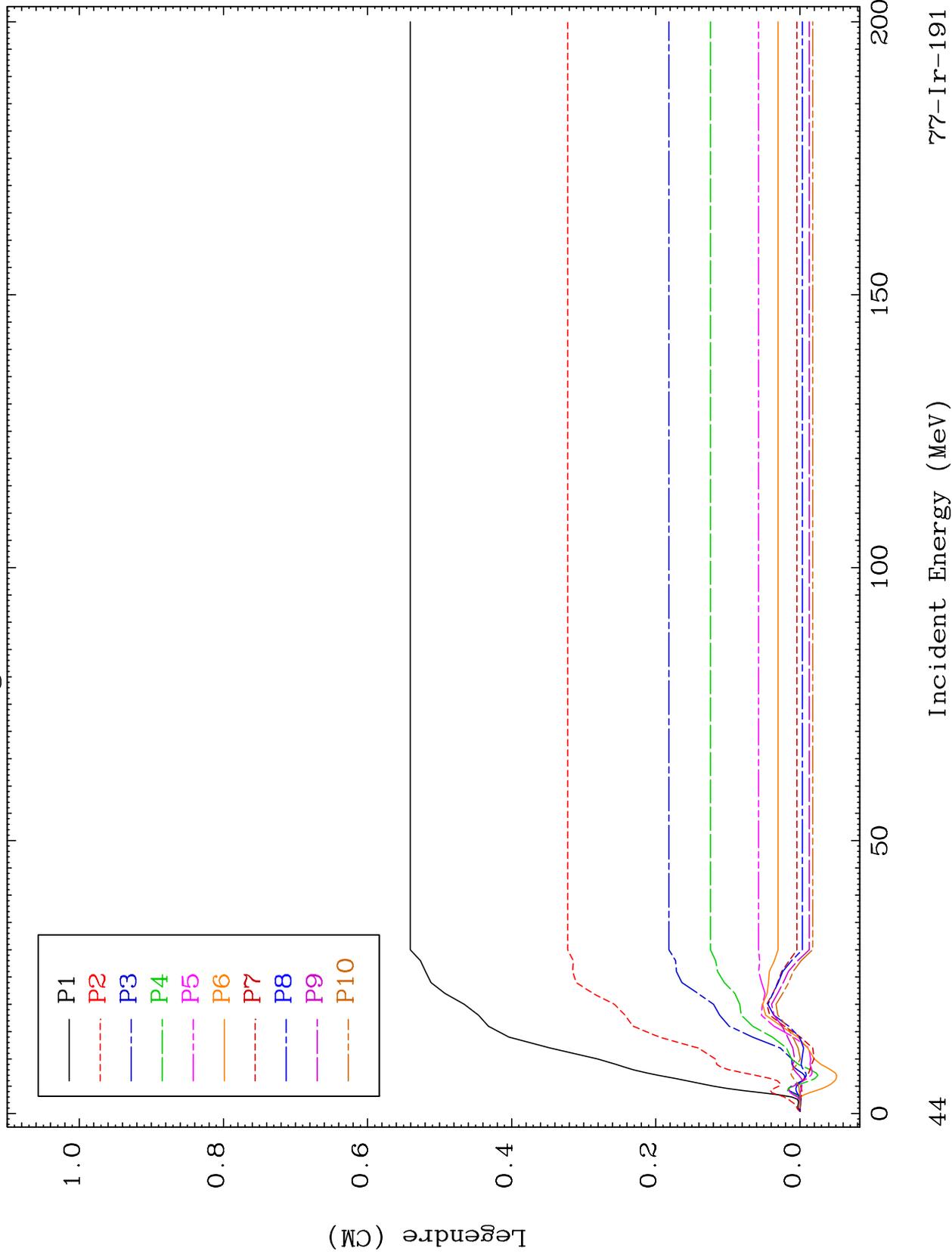
77-Ir-191



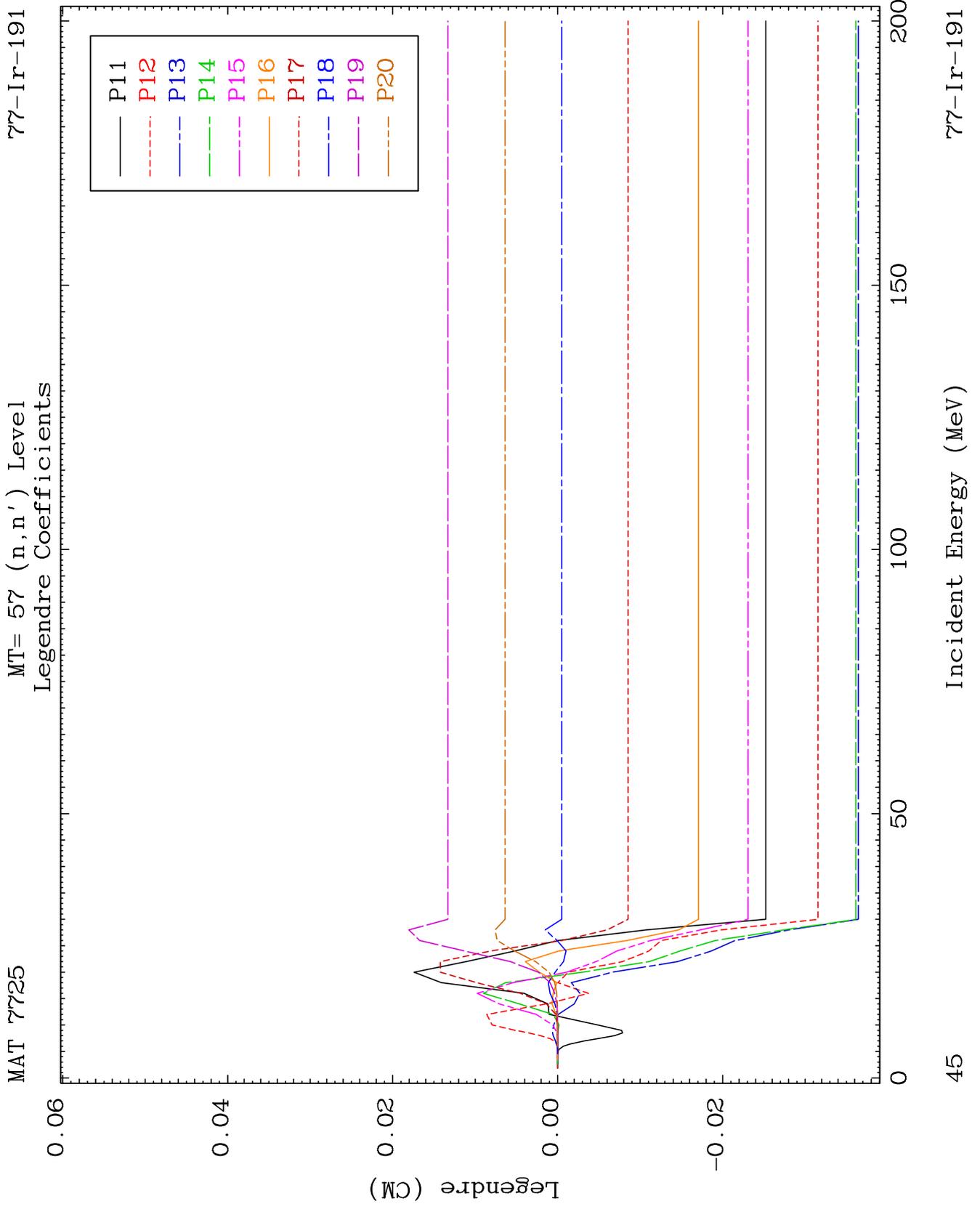
MAT 7725

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

77-Ir-191



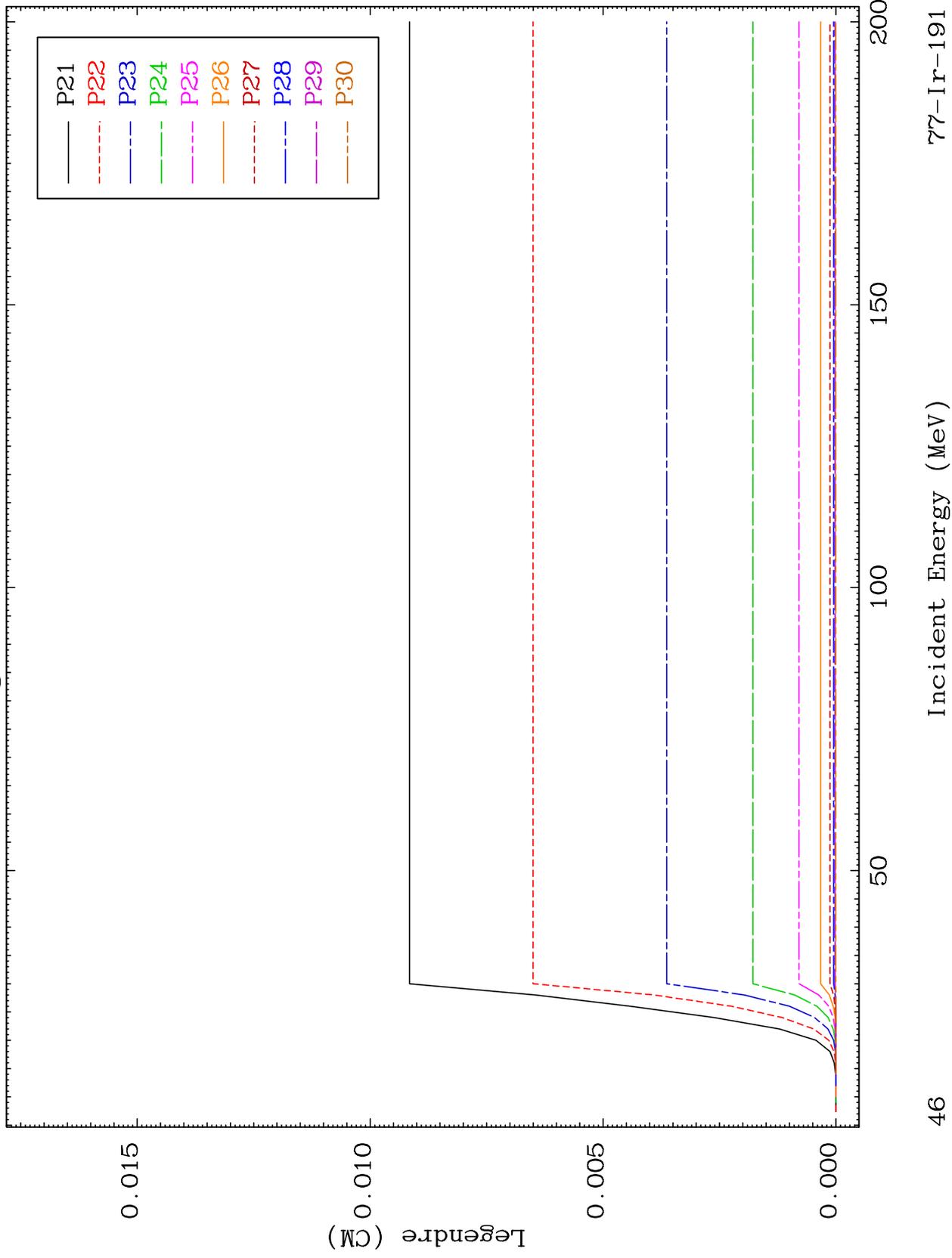
44



MAT 7725

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

77-Ir-191



46

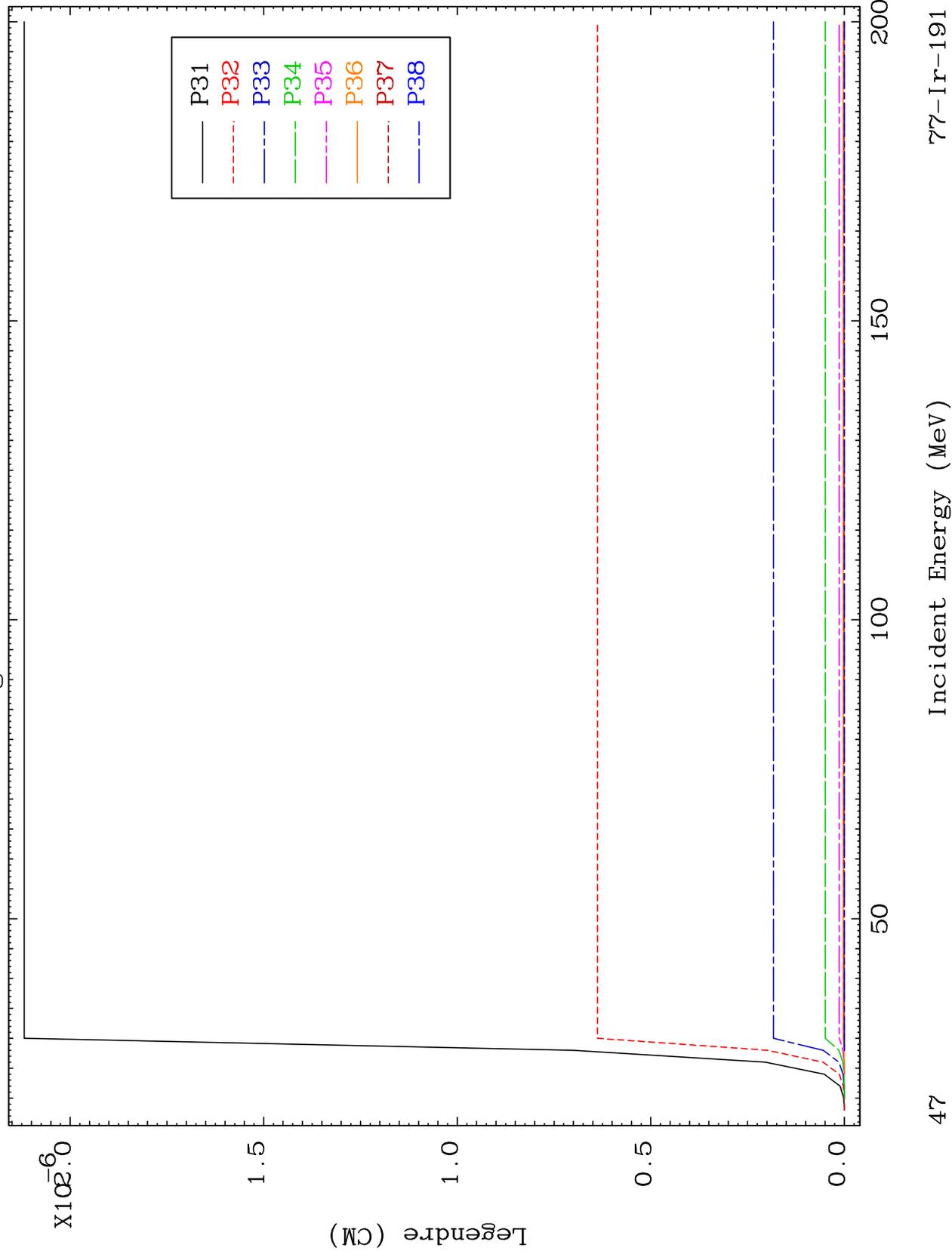
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



47

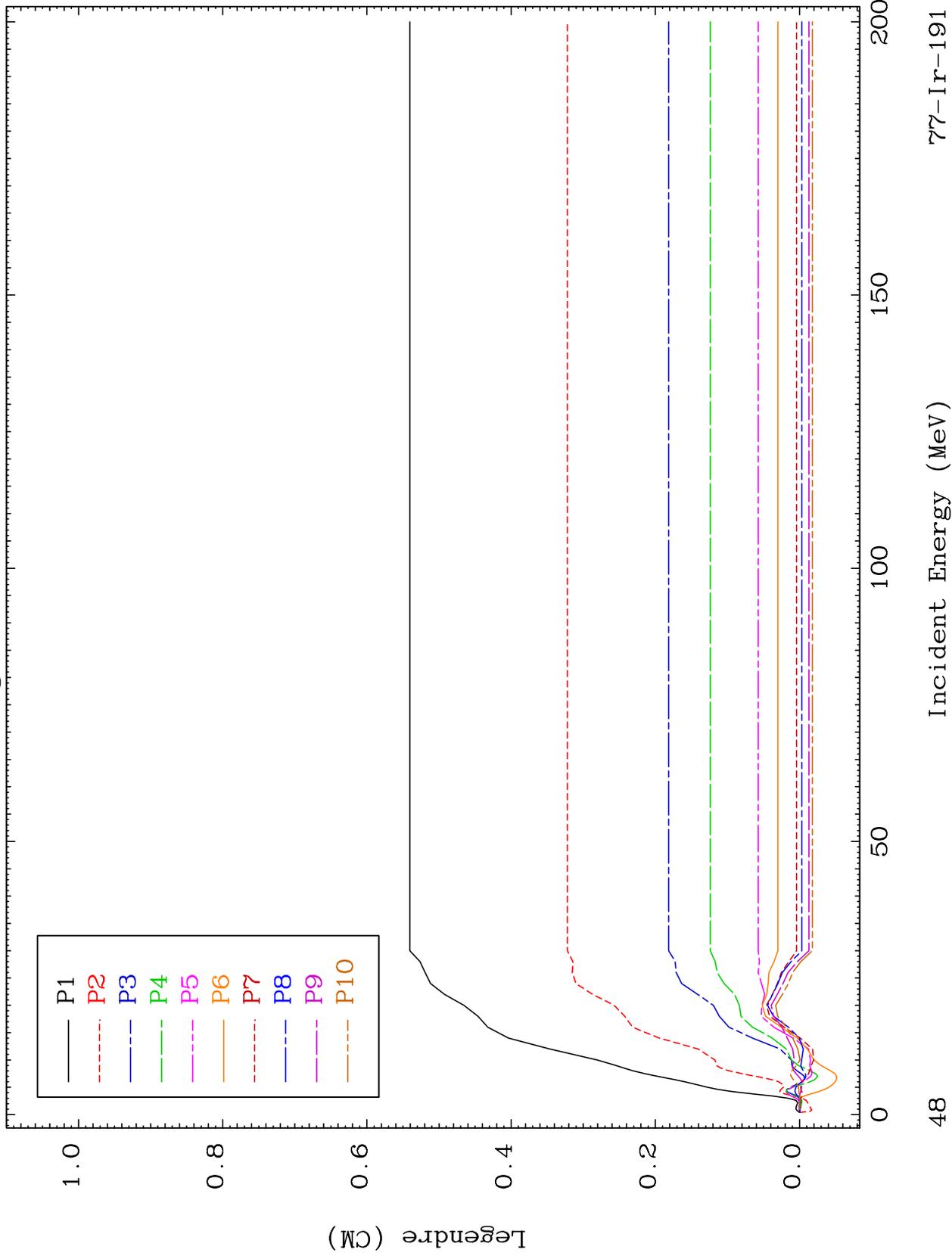
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

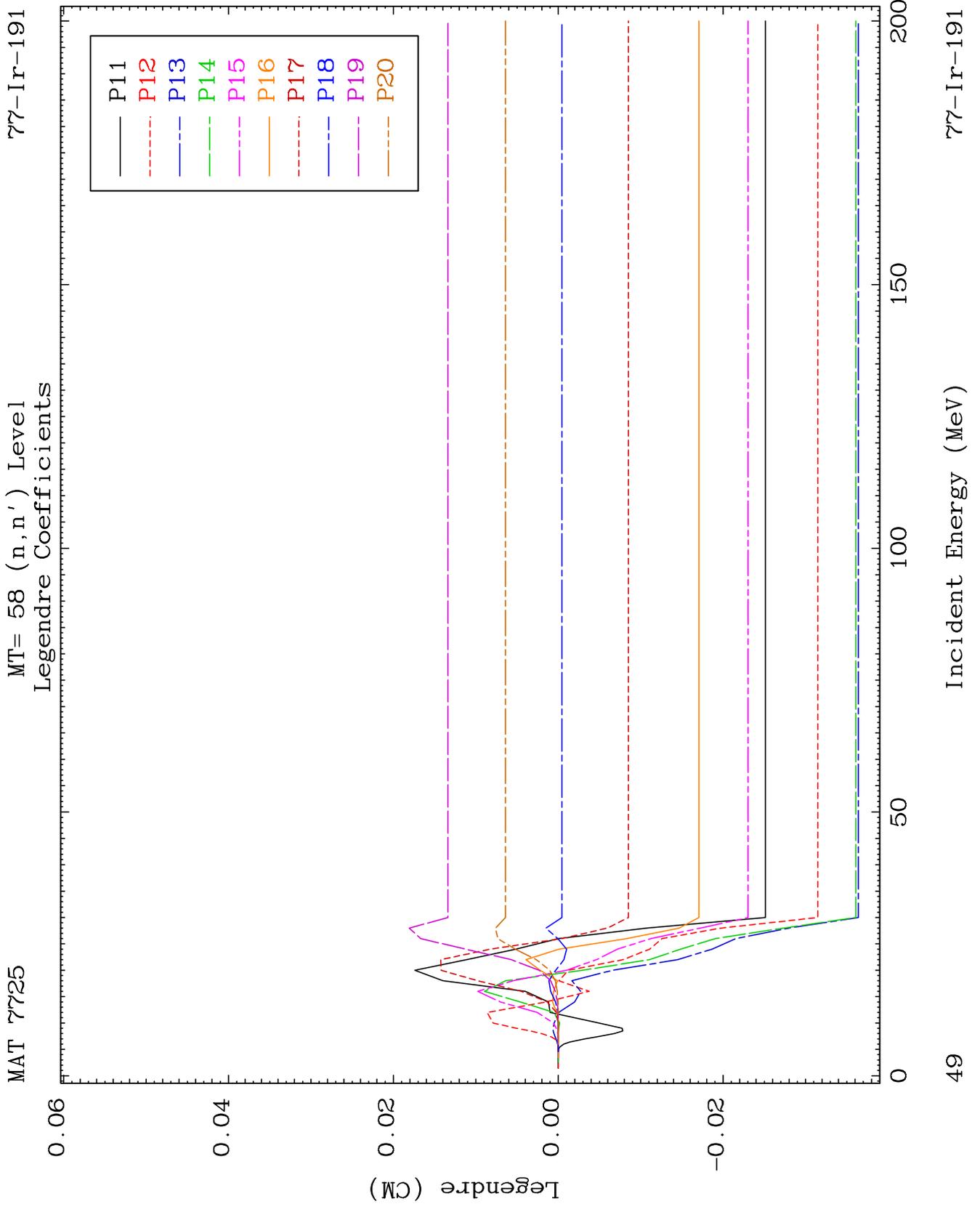
77-Ir-191



77-Ir-191

Incident Energy (MeV)

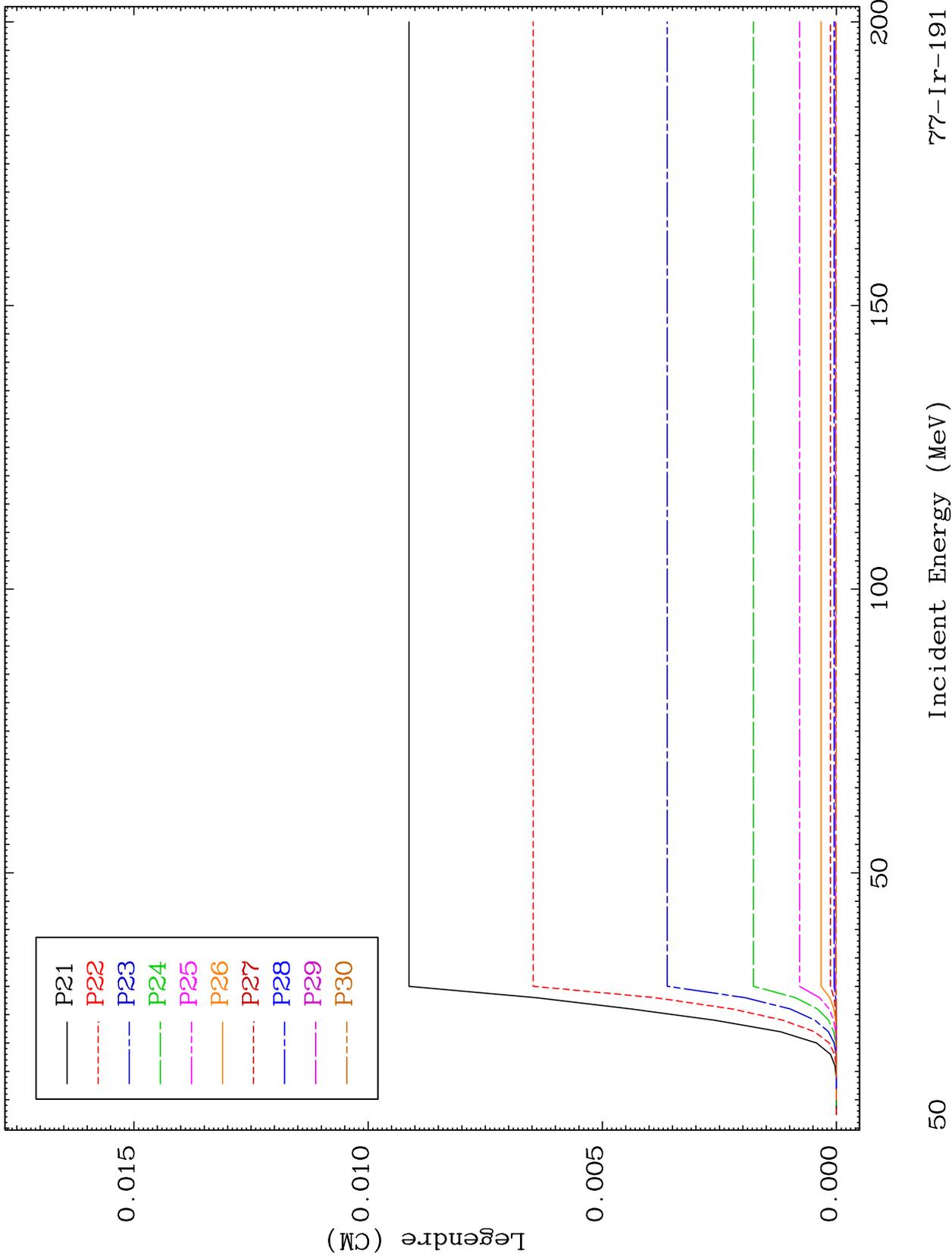
48



MAT 7725

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

77-Ir-191



50

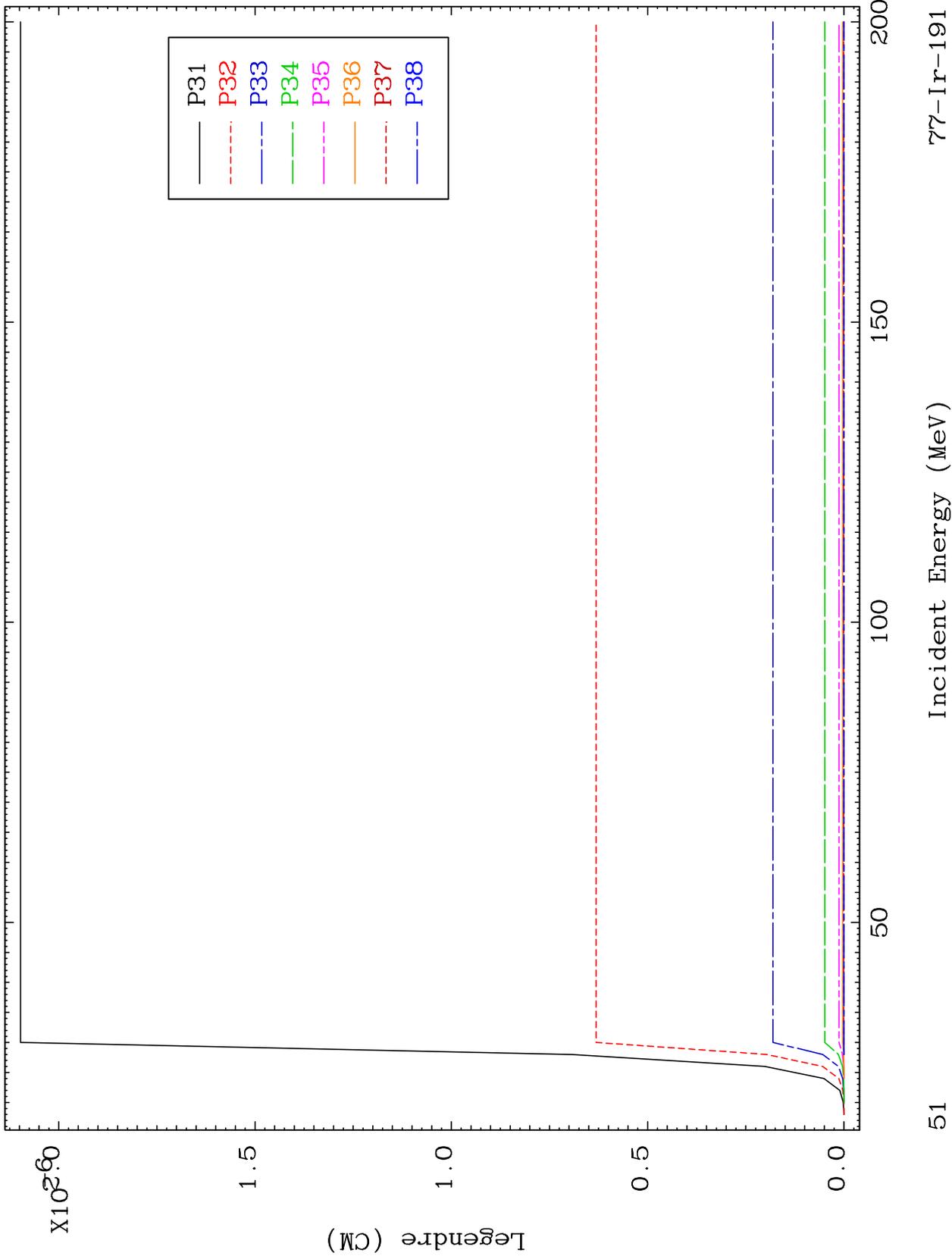
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



51

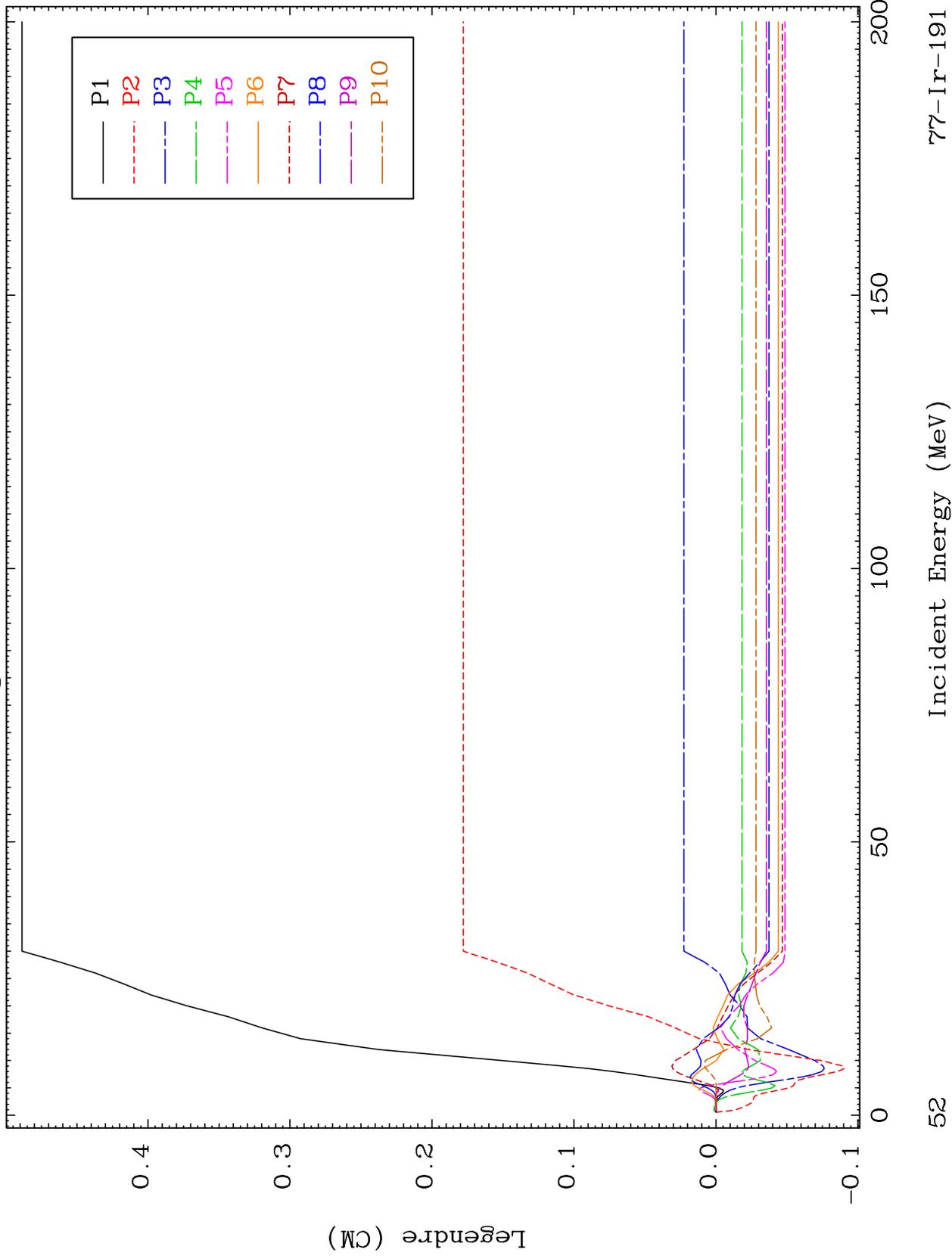
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



52

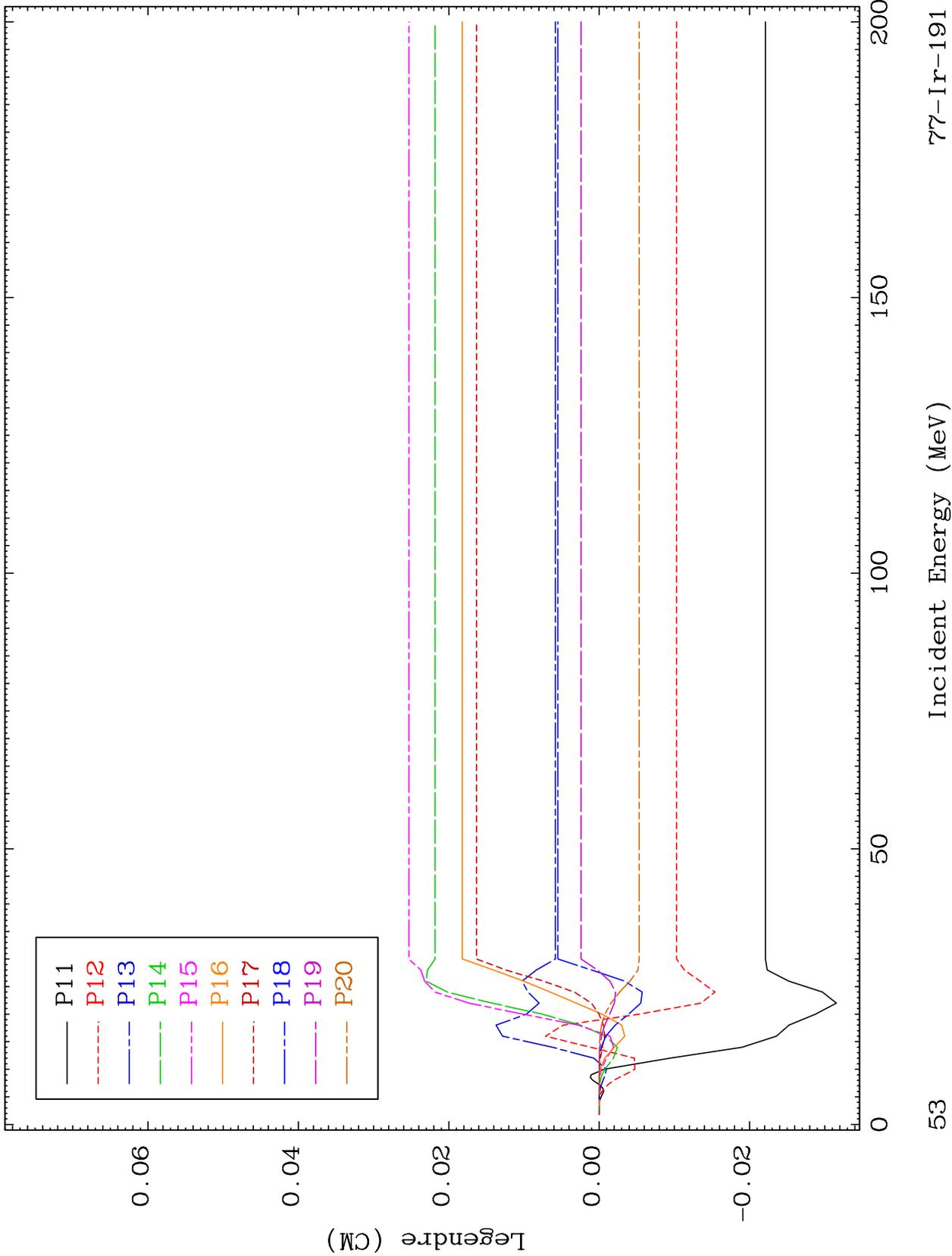
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



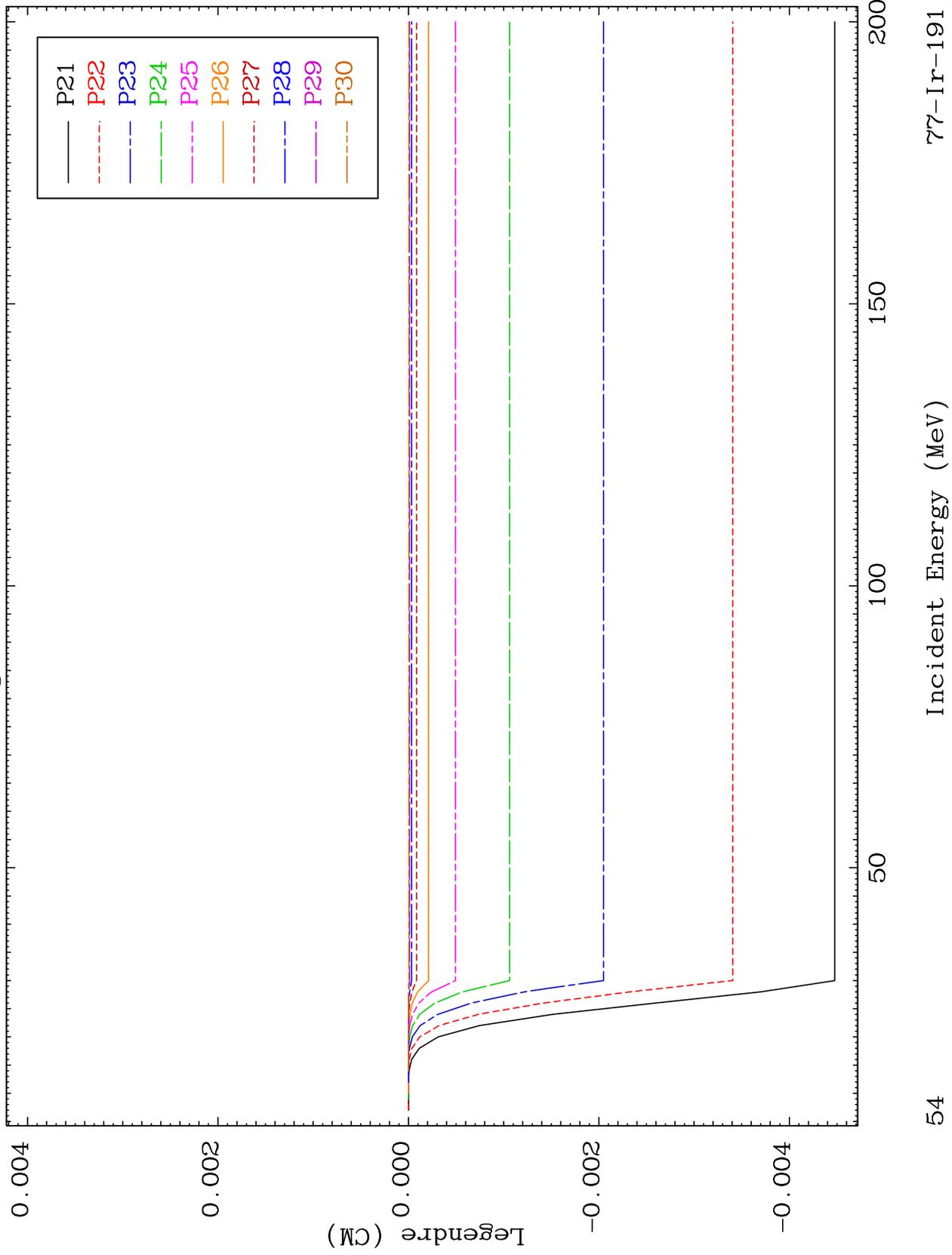
53

77-Ir-191

MAT 7725

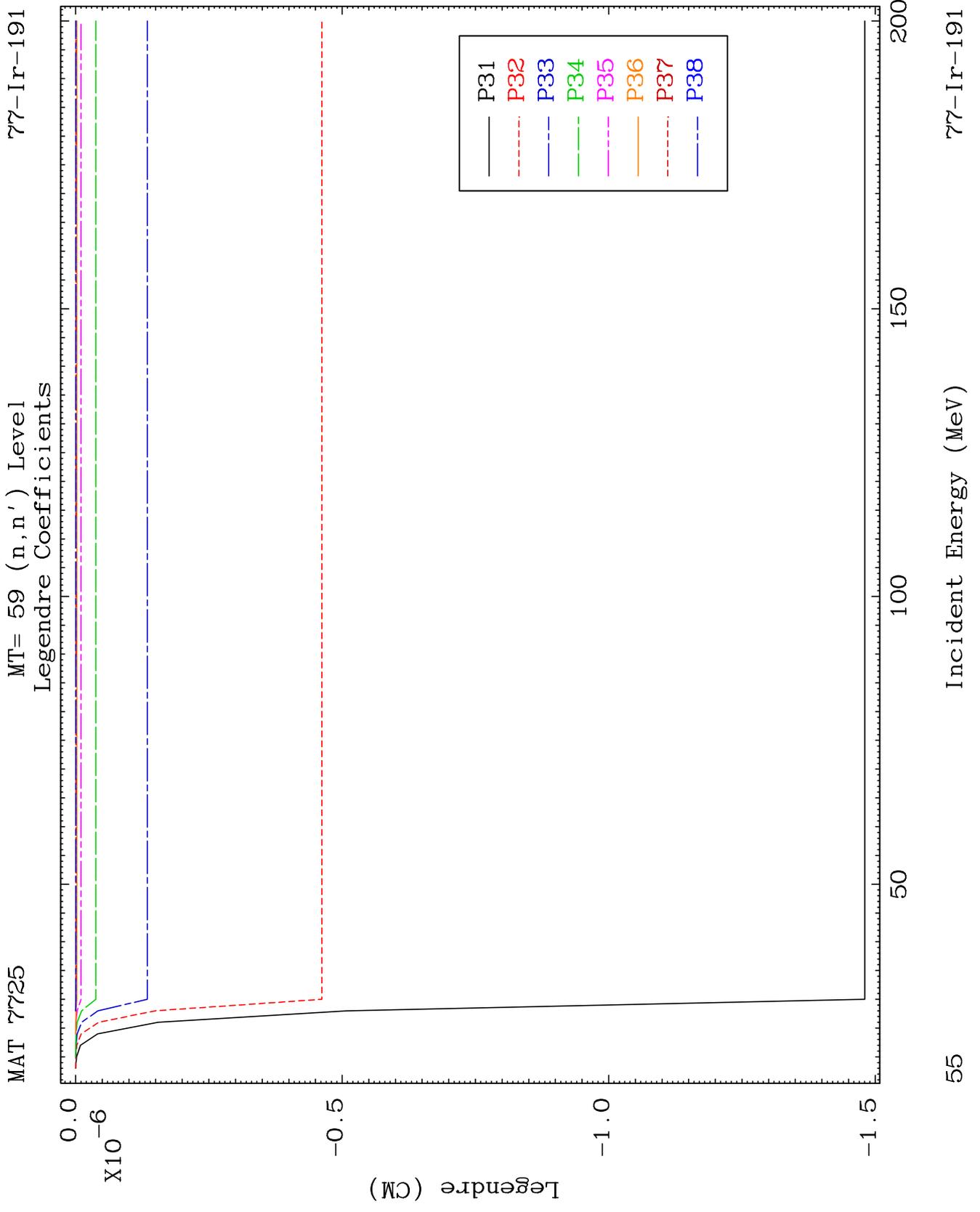
MT= 59 (n,n') Level
Legendre Coefficients

77-Ir-191



54

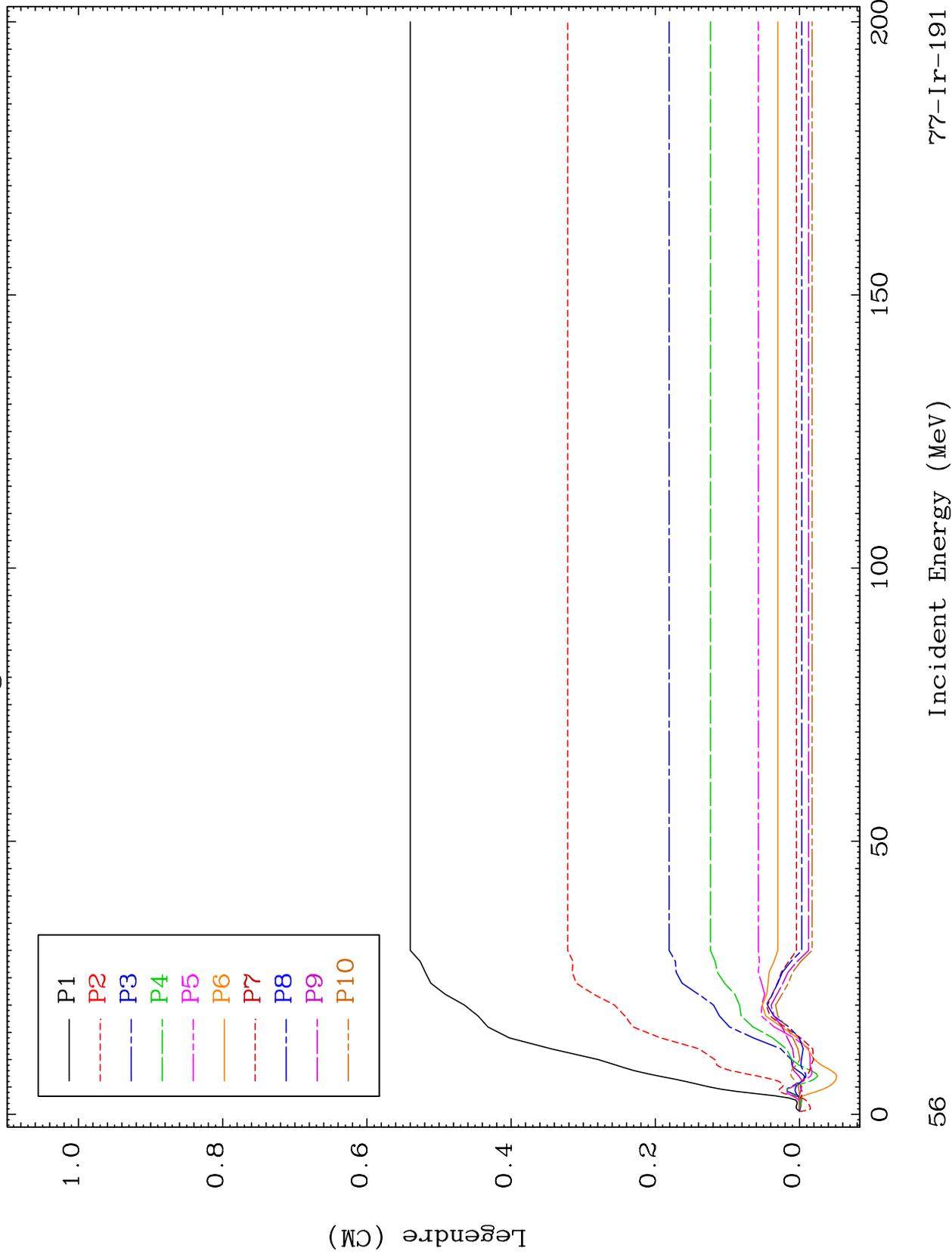
77-Ir-191



MAT 7725

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

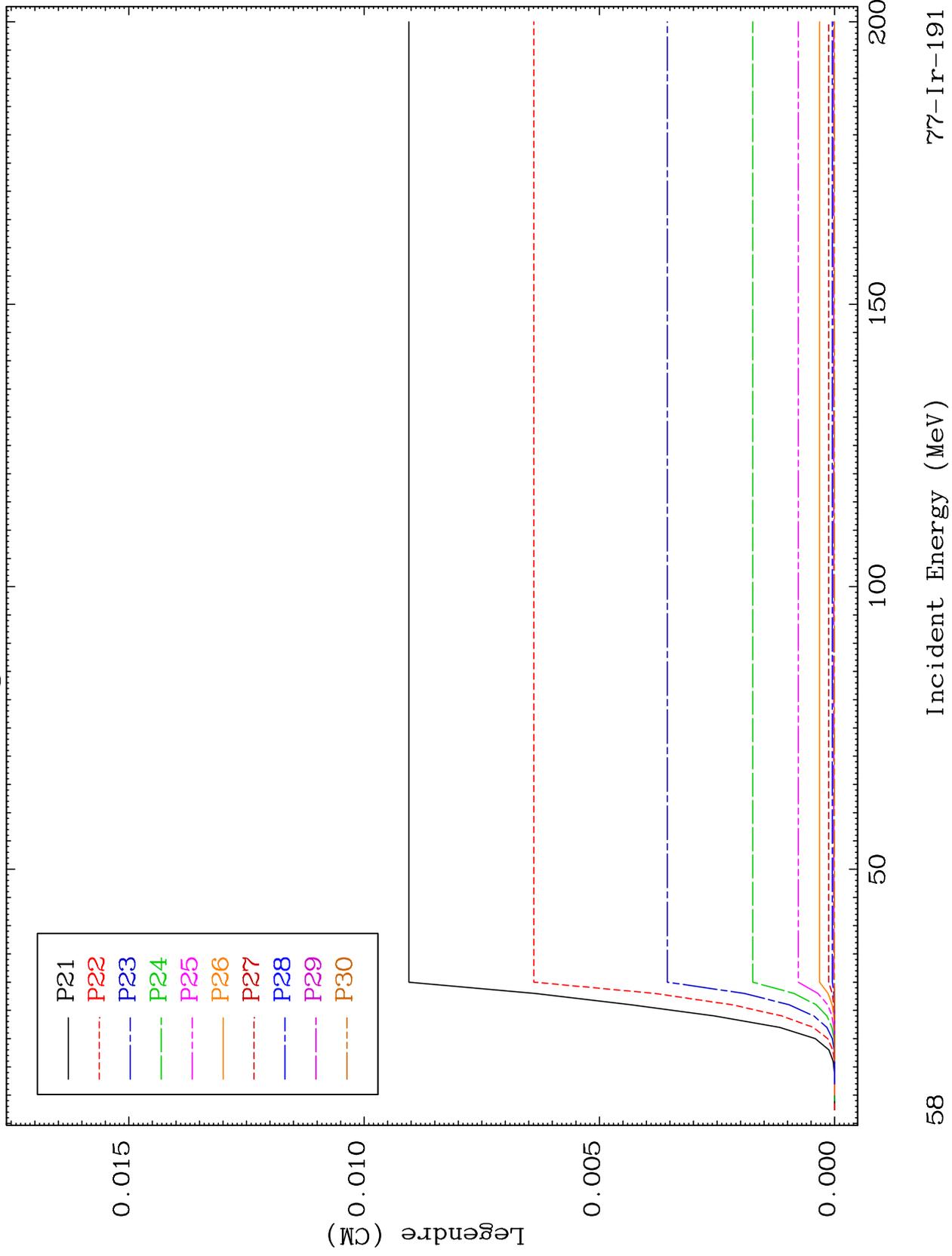
77-Ir-191



MAT 7725

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

77-Ir-191



58

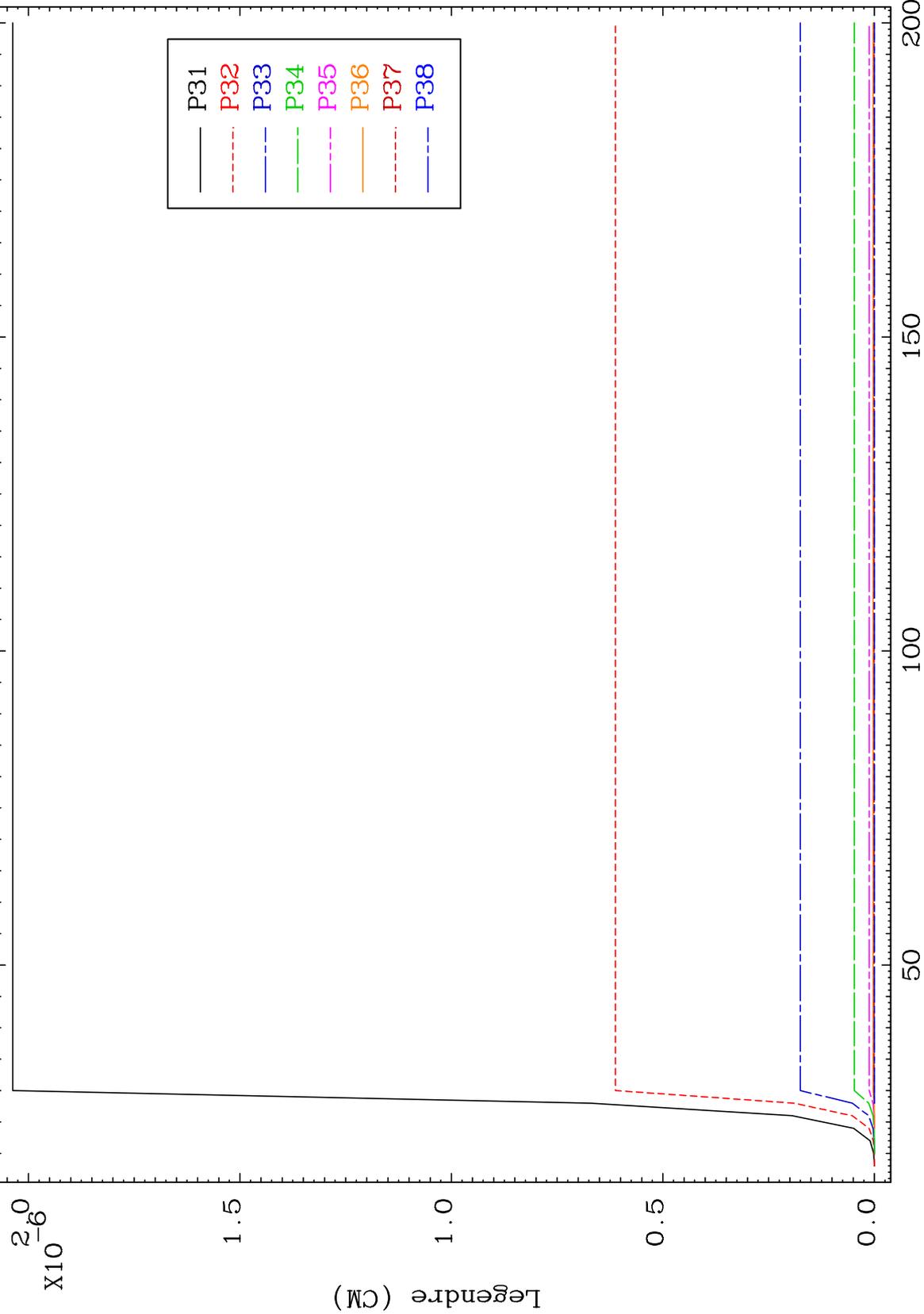
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



59

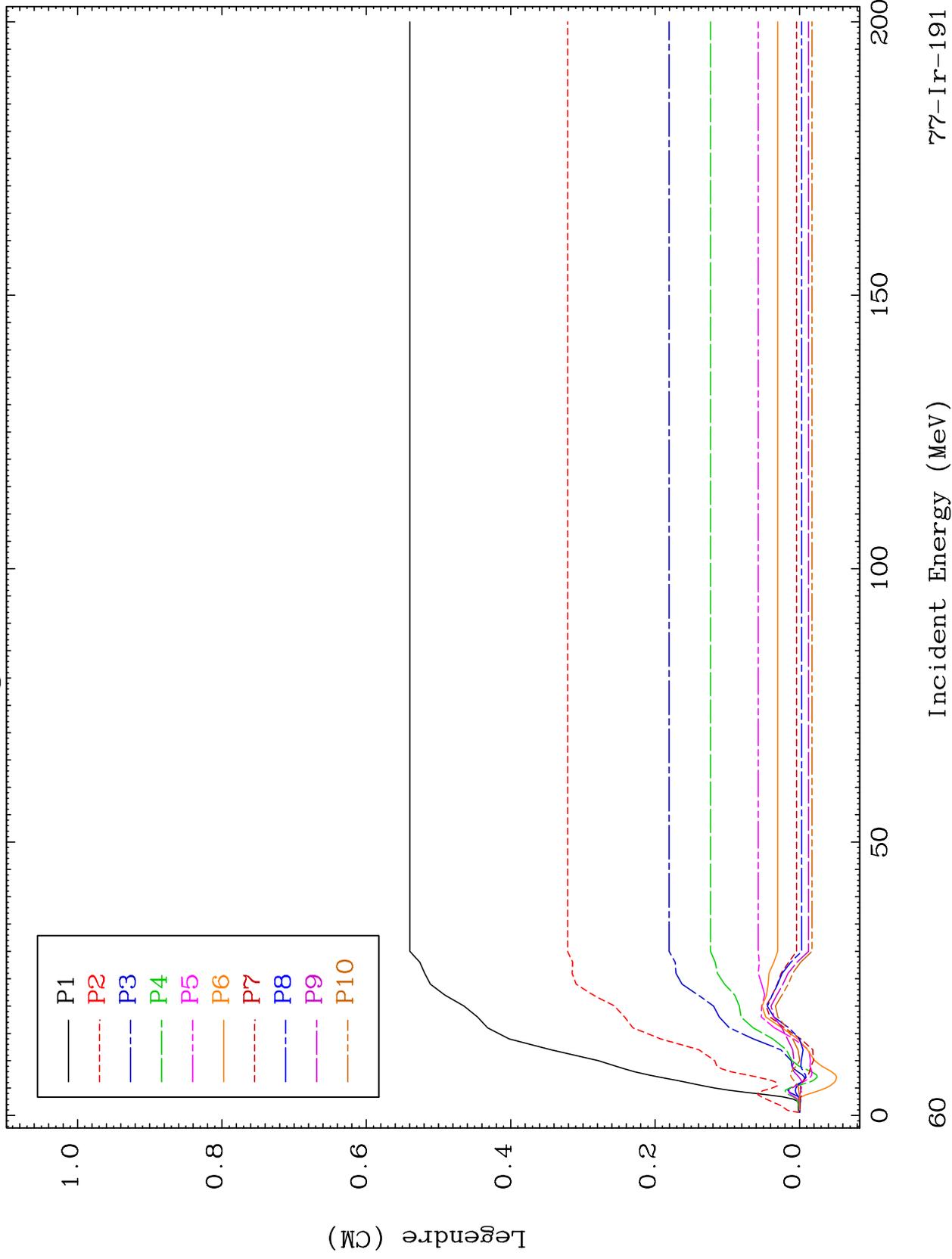
Incident Energy (MeV)

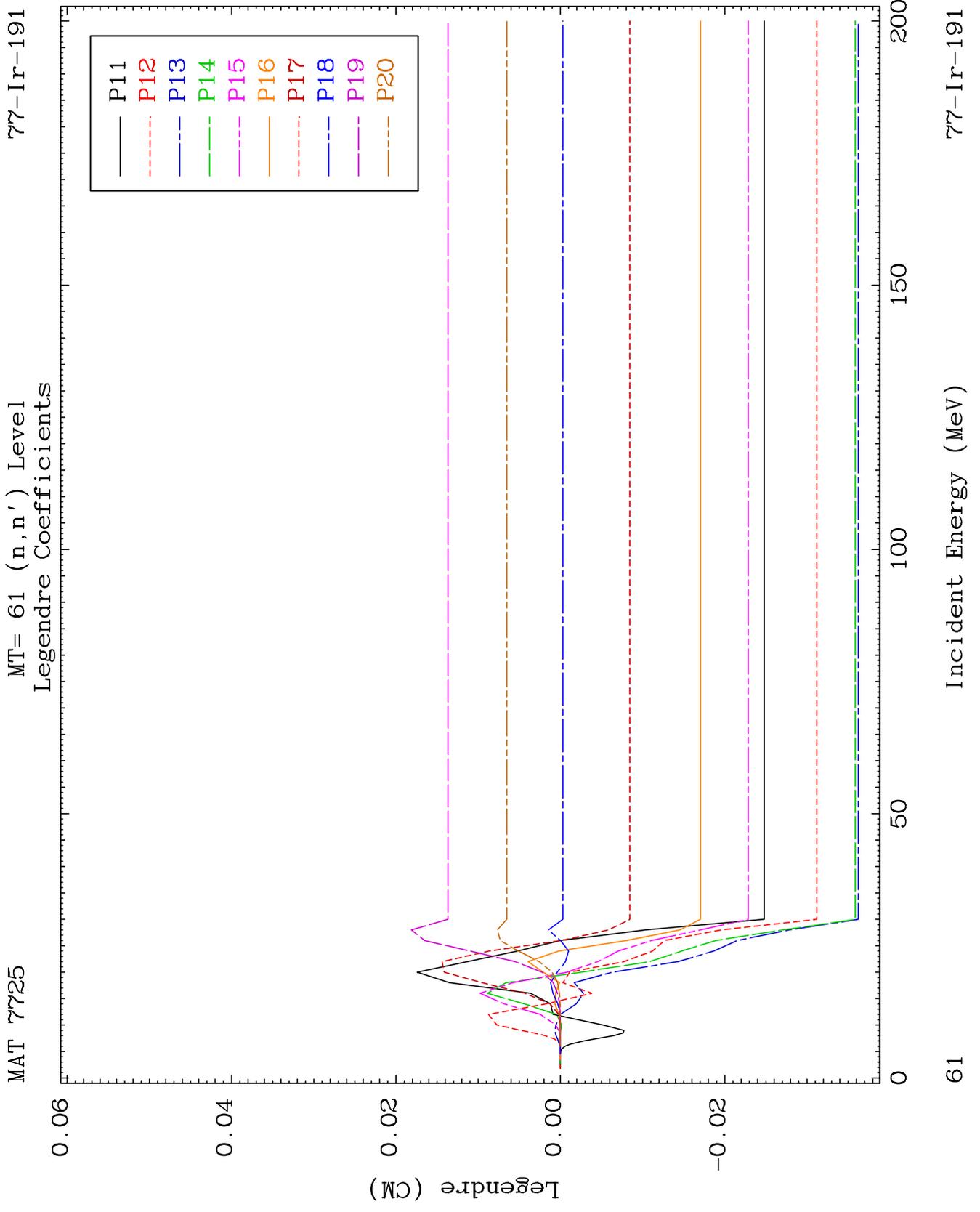
77-Ir-191

MAT 7725

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

77-Ir-191

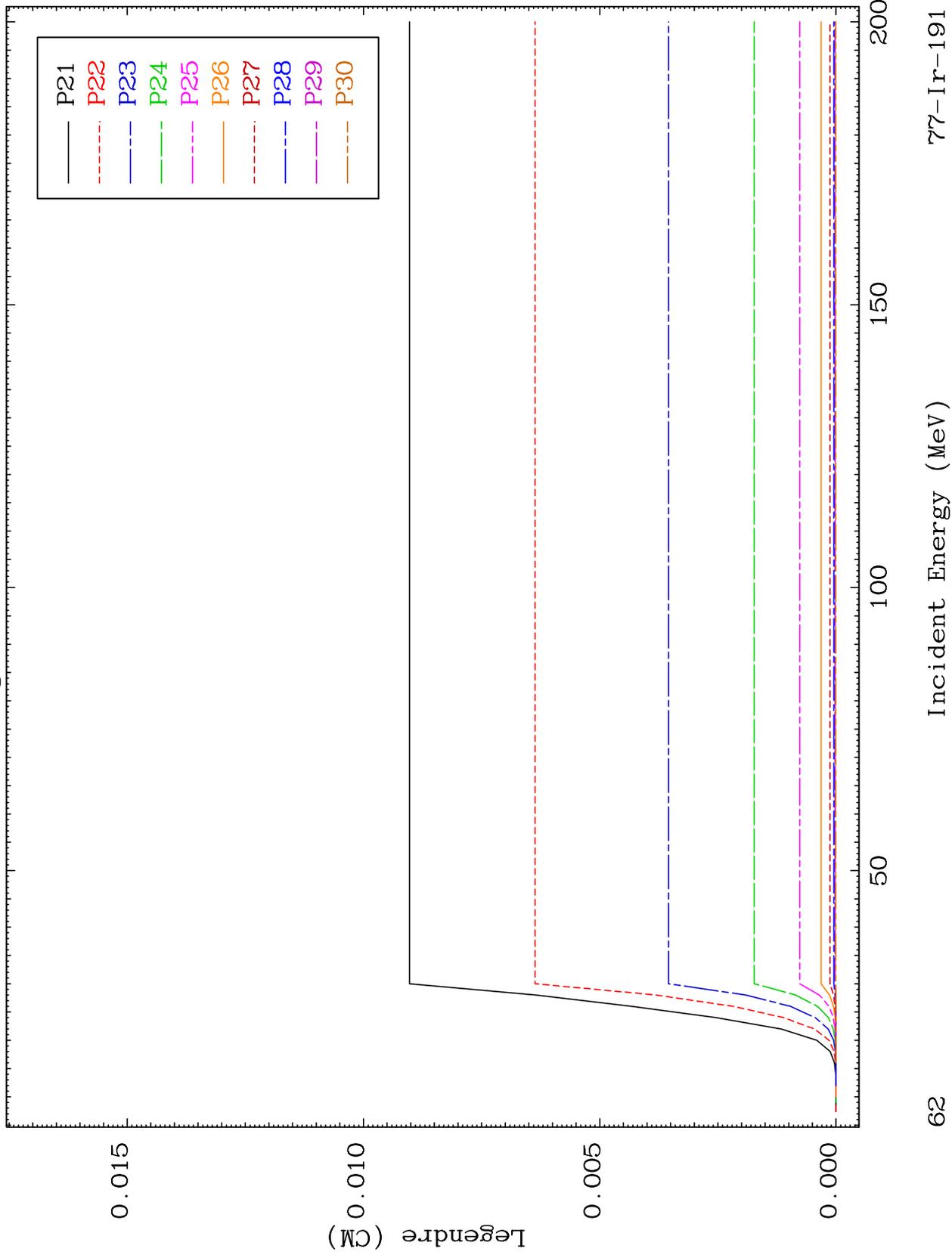




MAT 7725

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

77-Ir-191



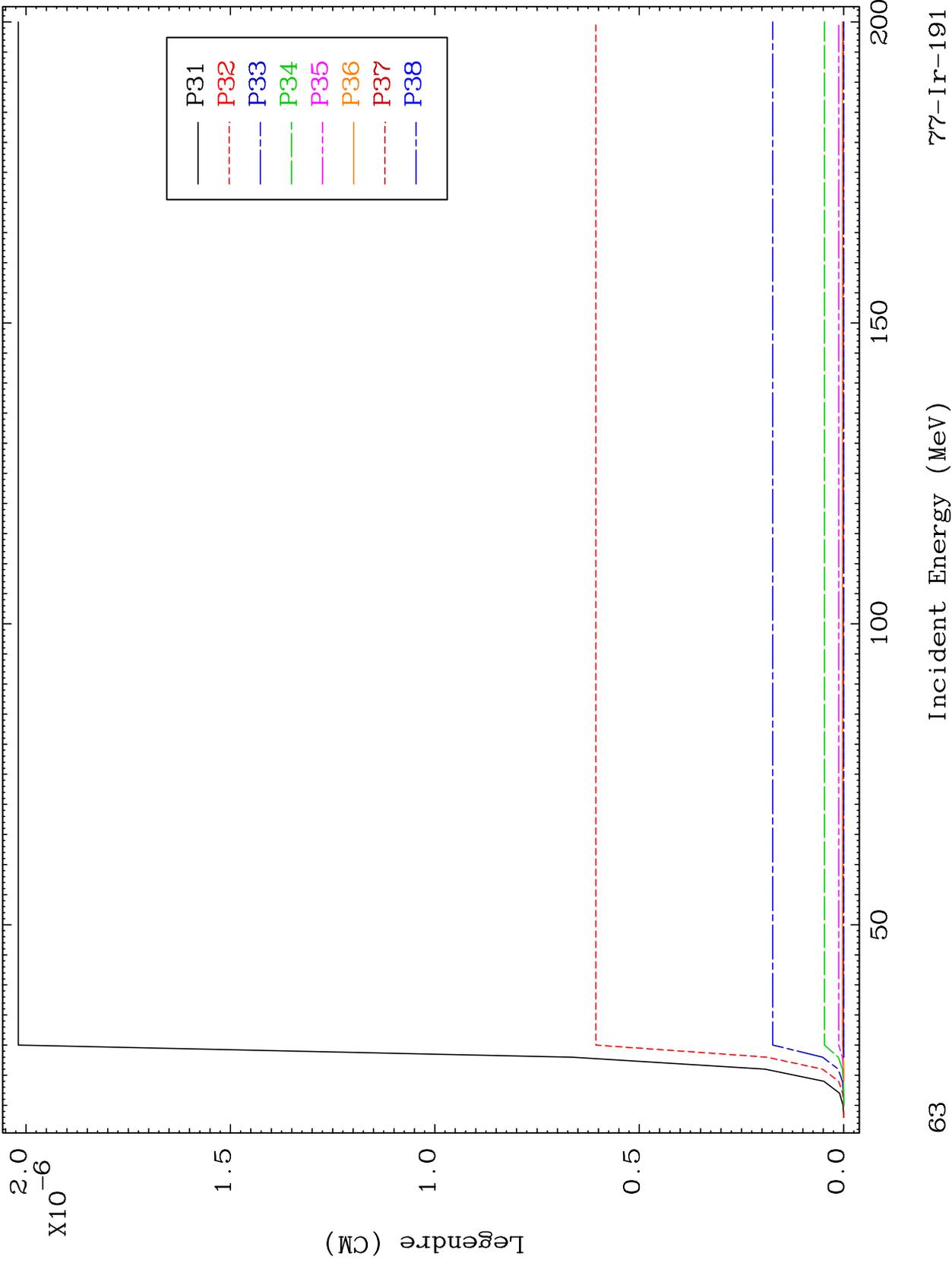
62

77-Ir-191

MAT 7725

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

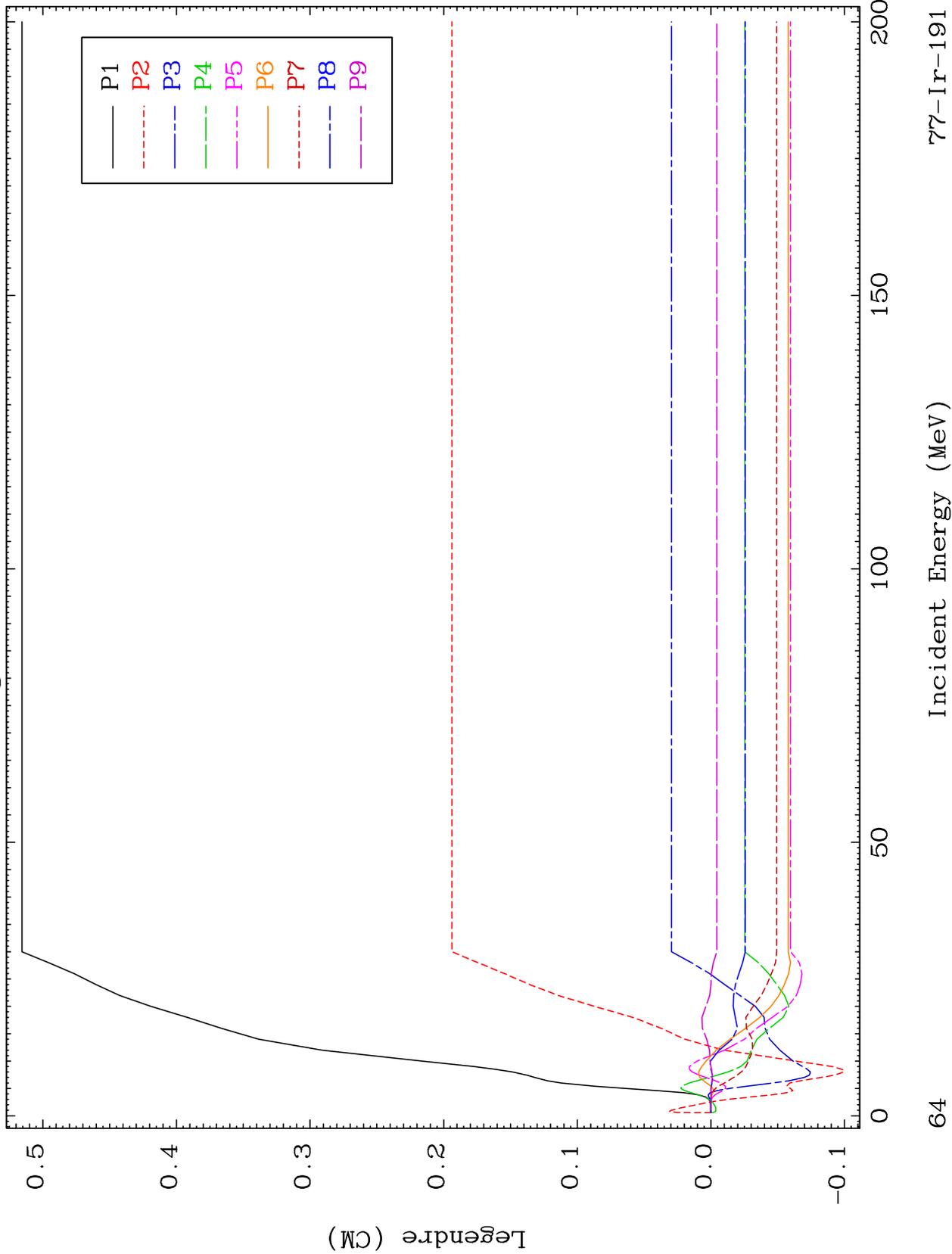
77-Ir-191

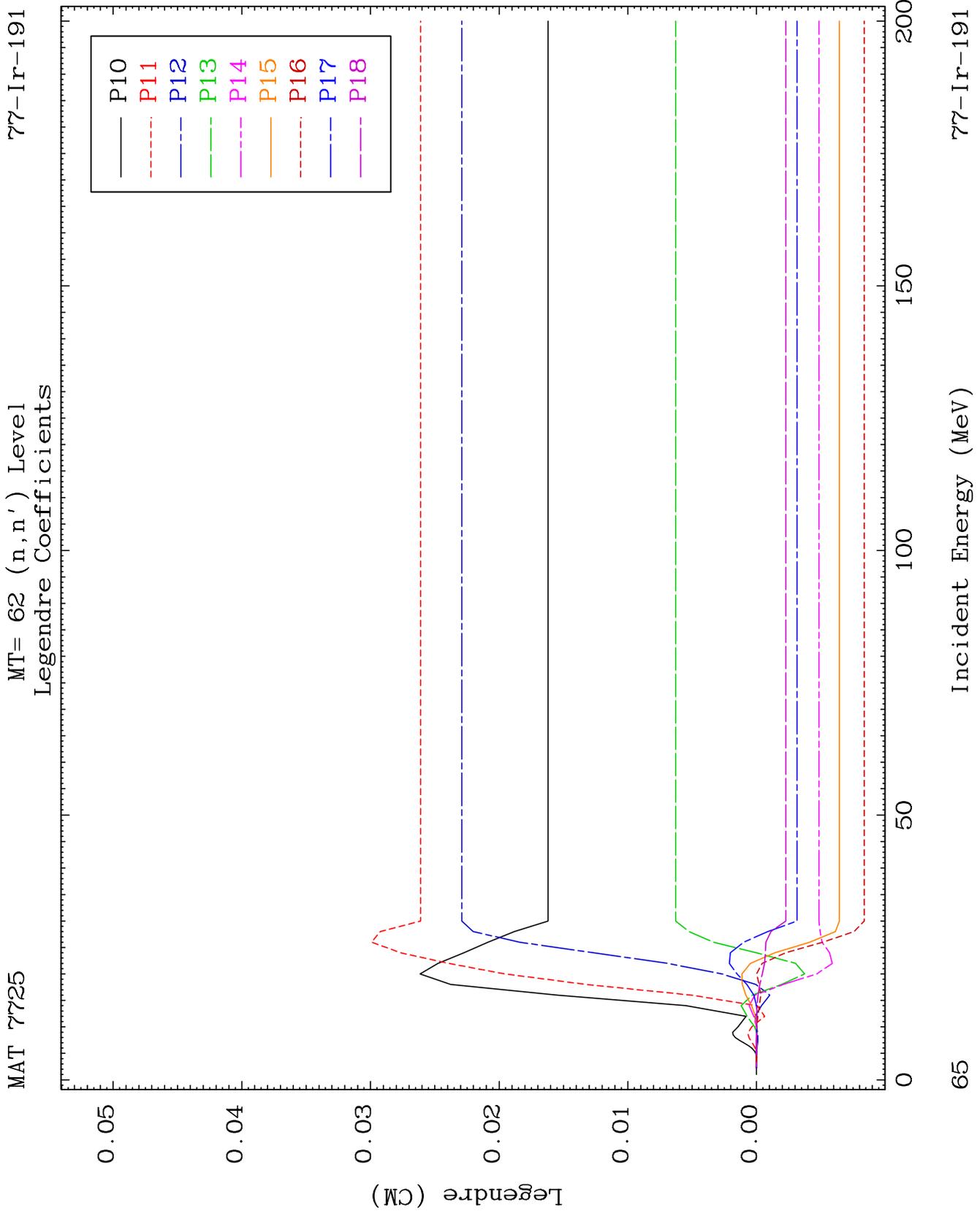


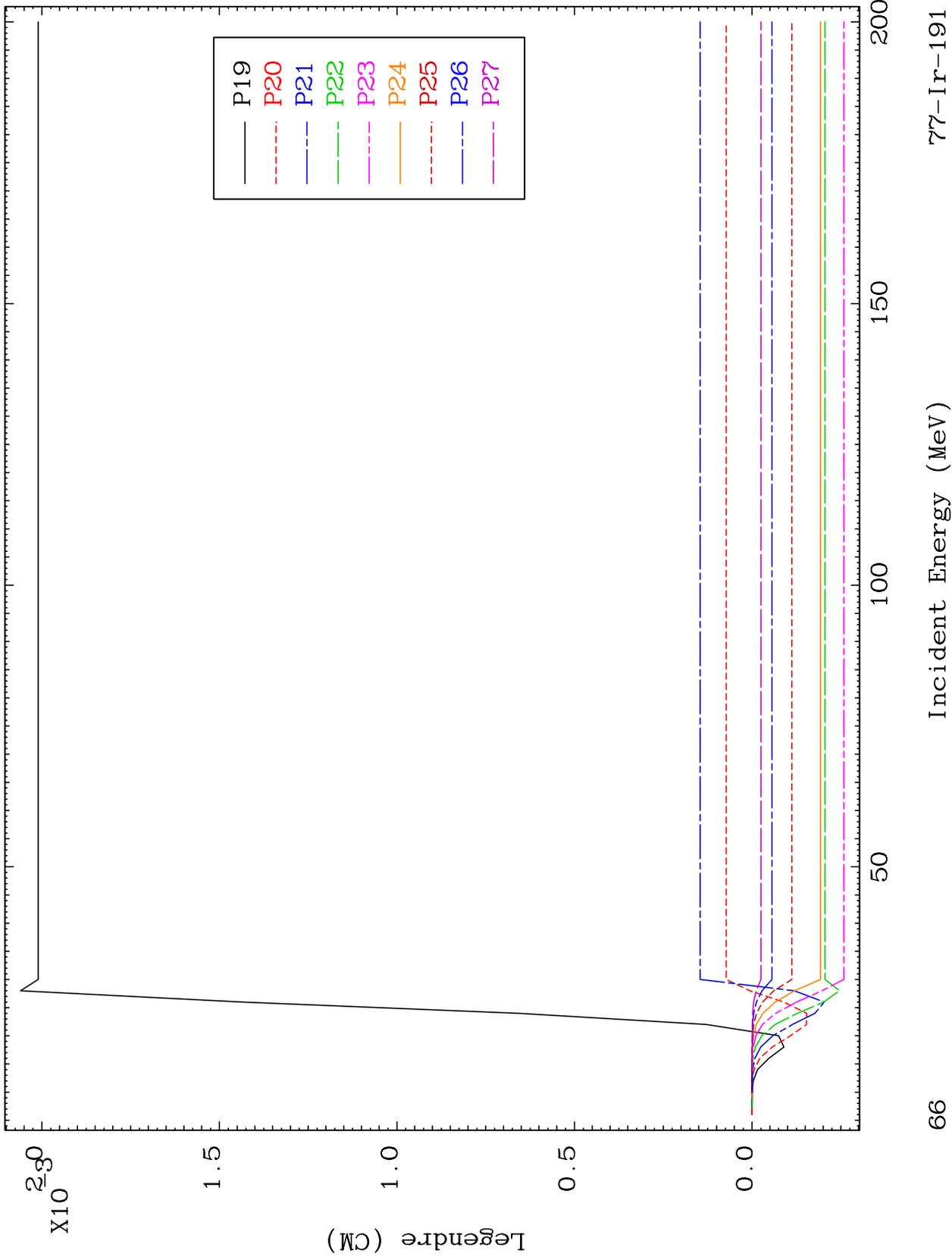
MAT 7725

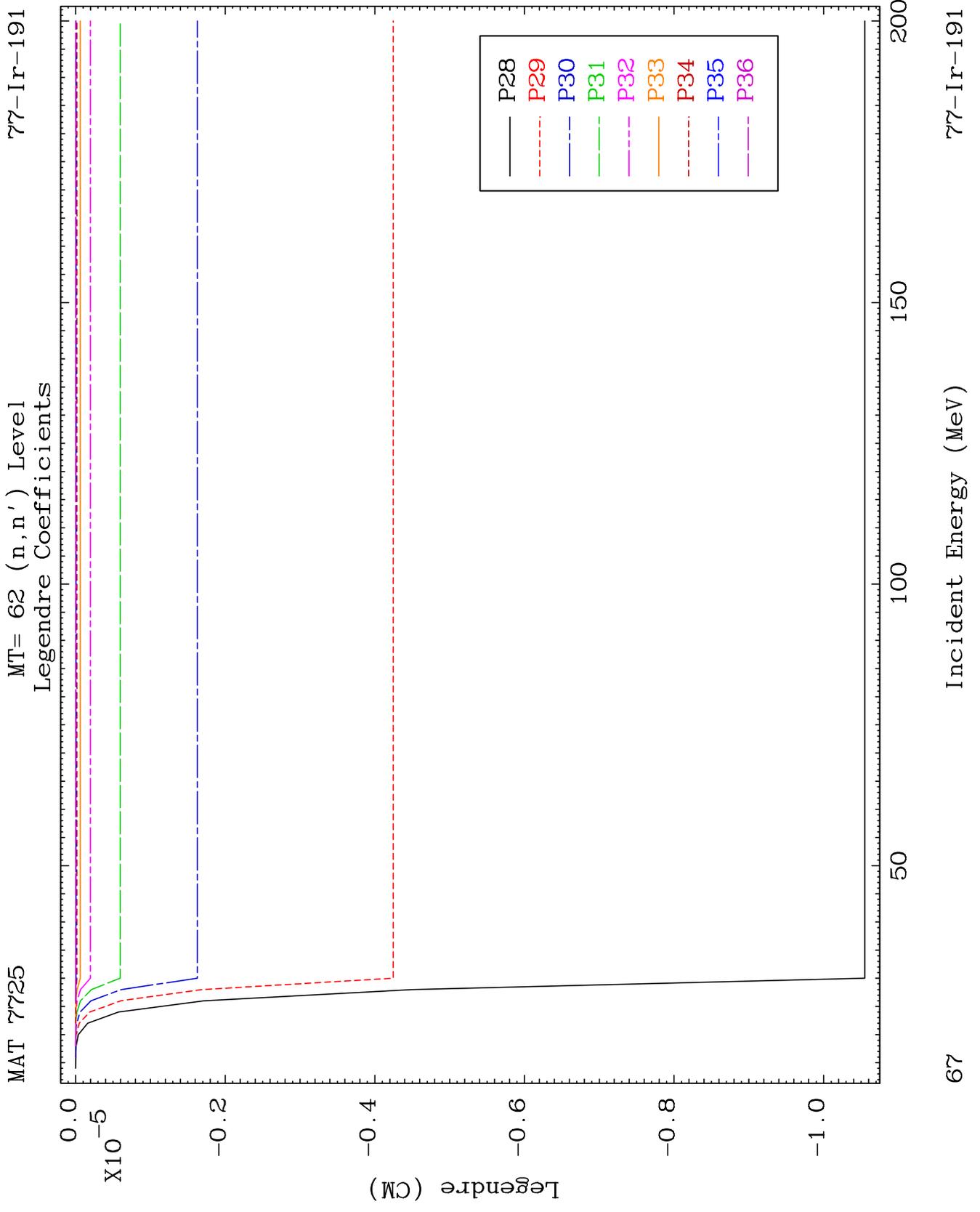
MT= 62 (n,n') Level
Legendre Coefficients

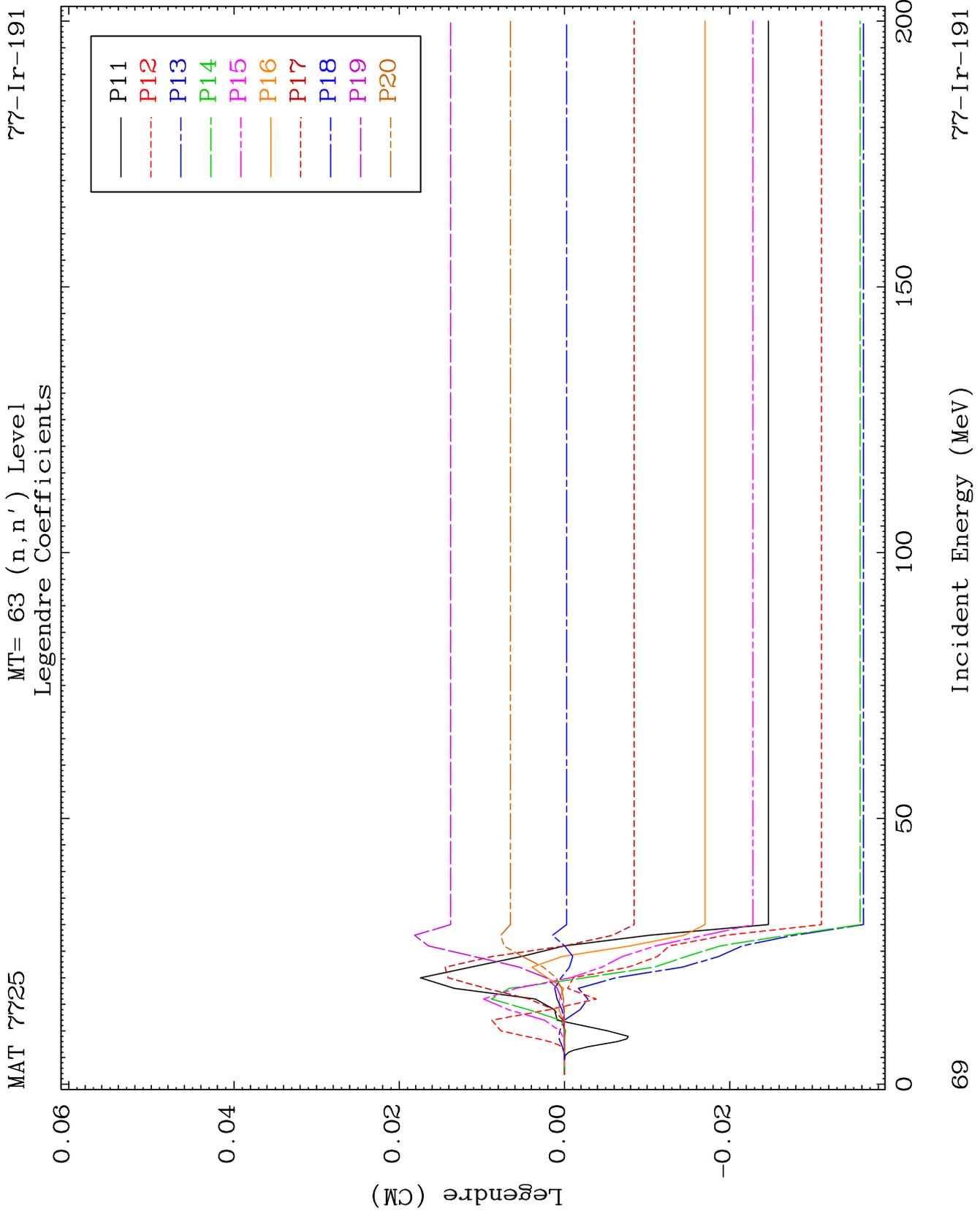
77-Ir-191







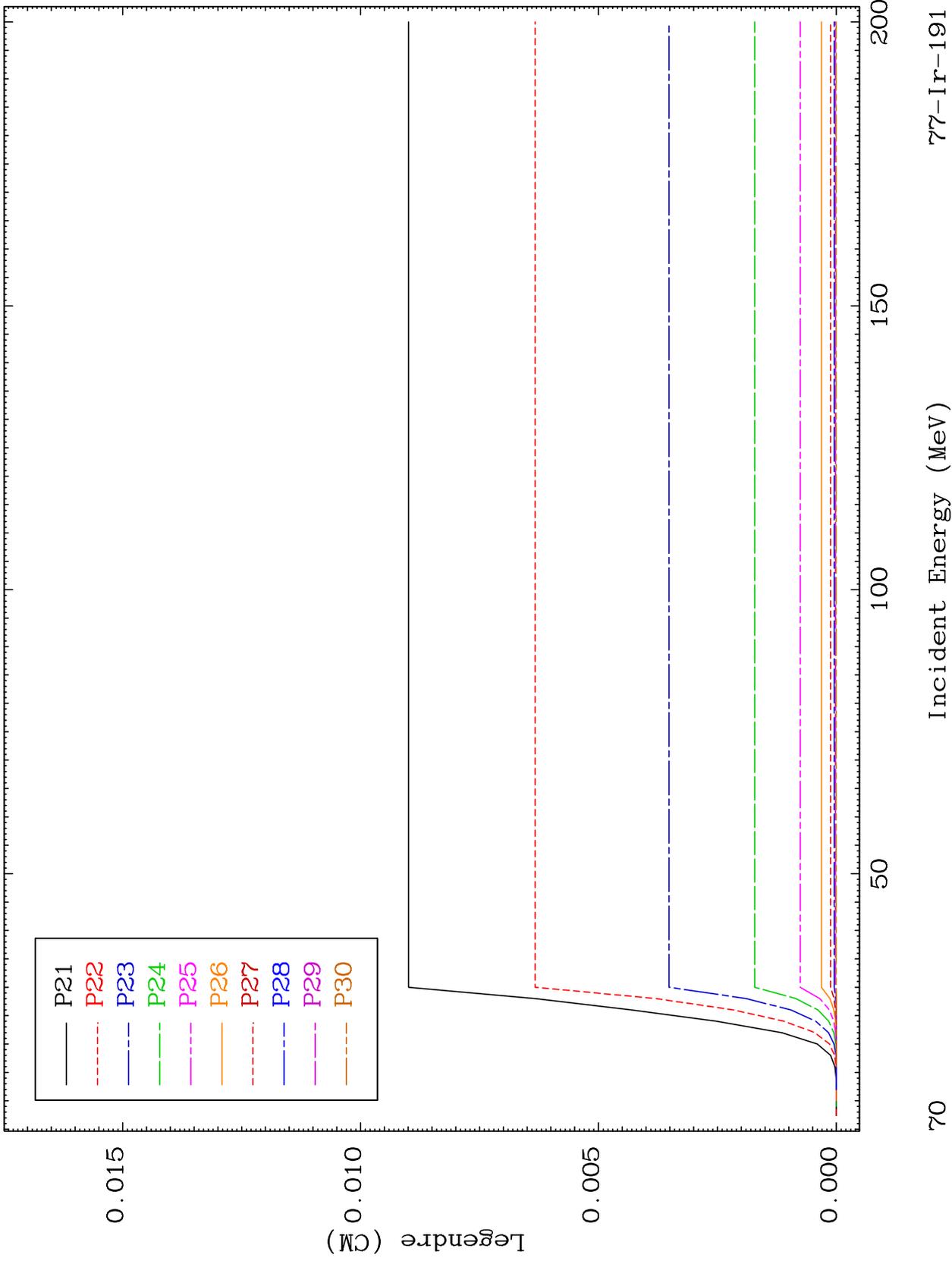




MAT 7725

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

77-Ir-191



70

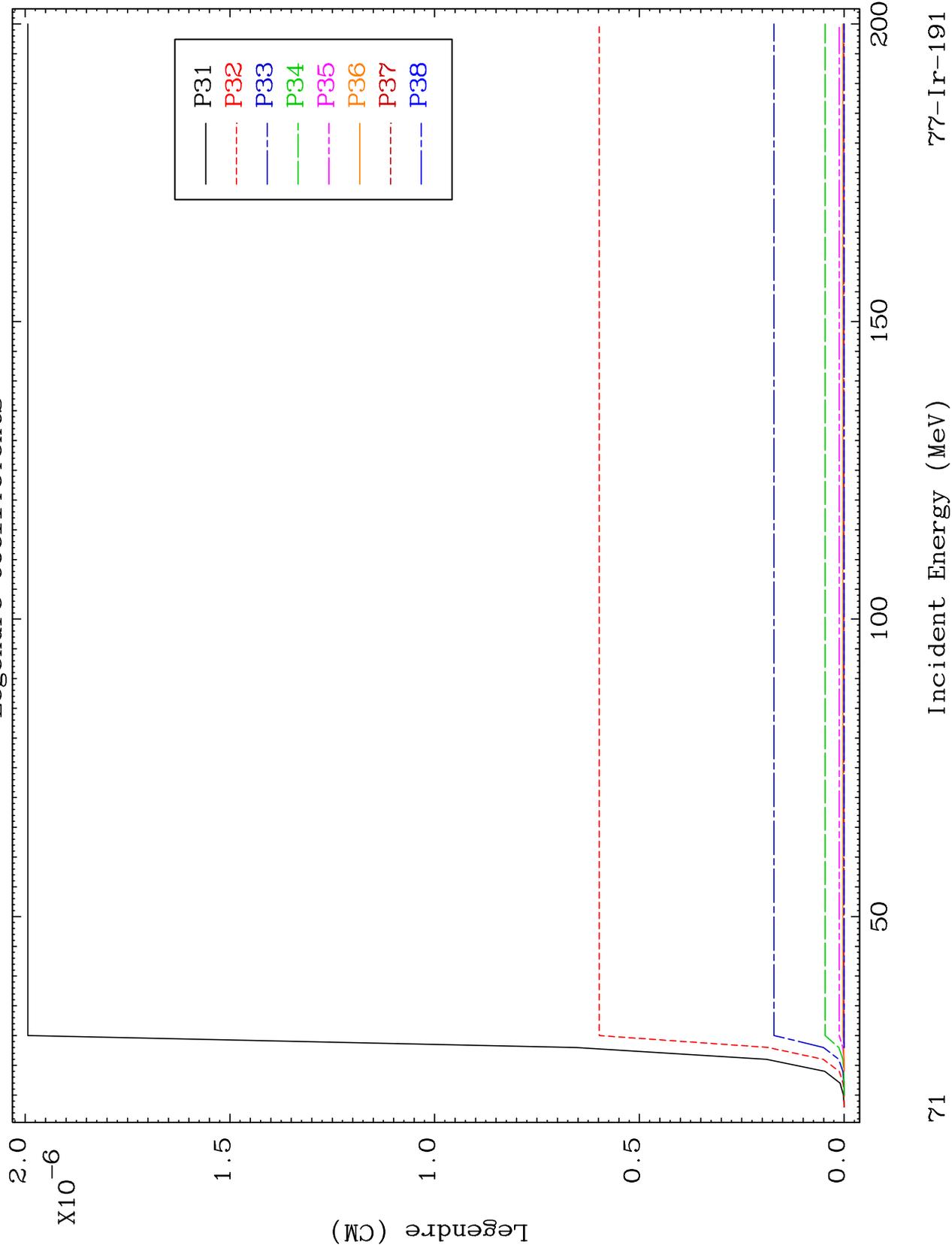
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

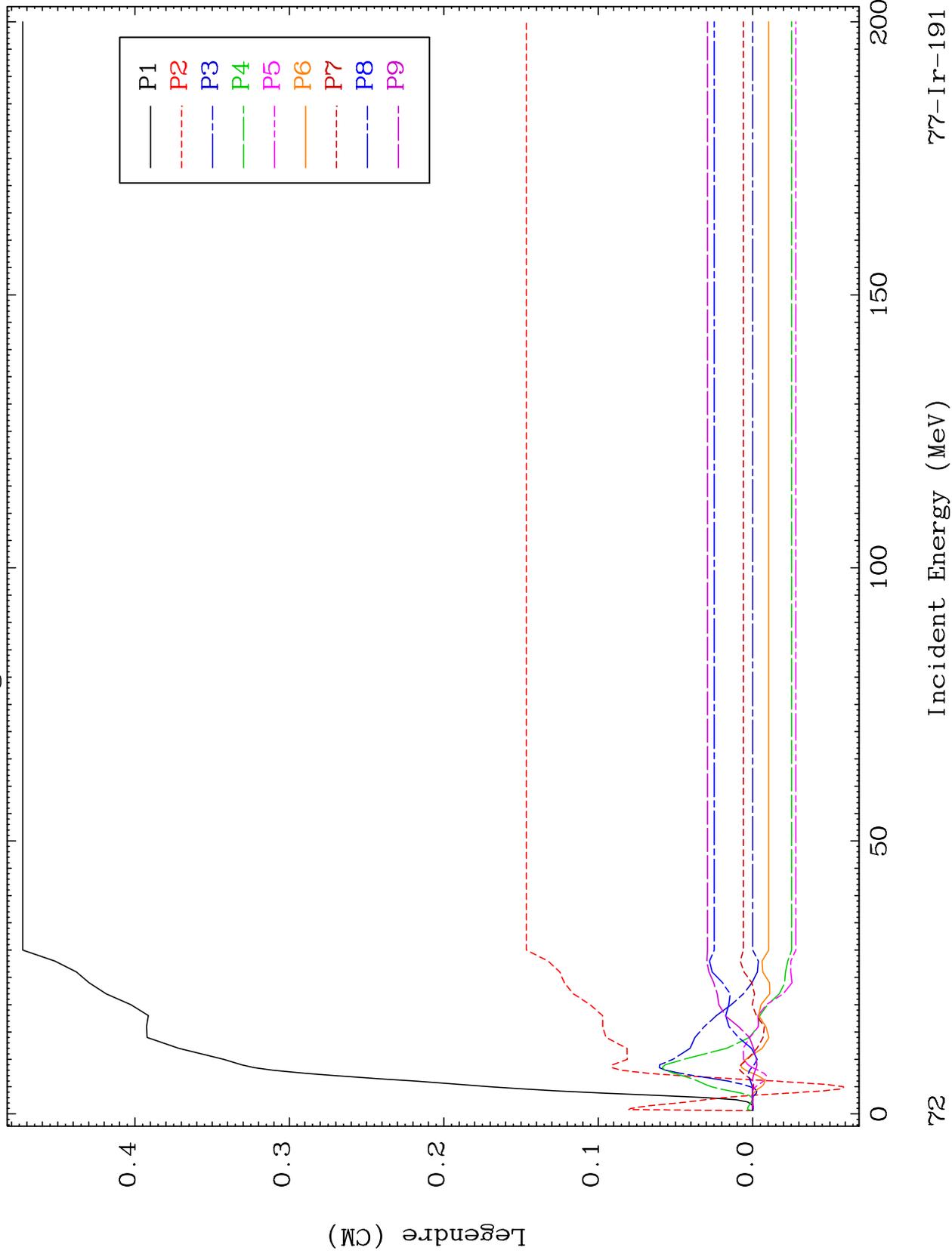
77-Ir-191



MAT 7725

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

77-Ir-191



77-Ir-191

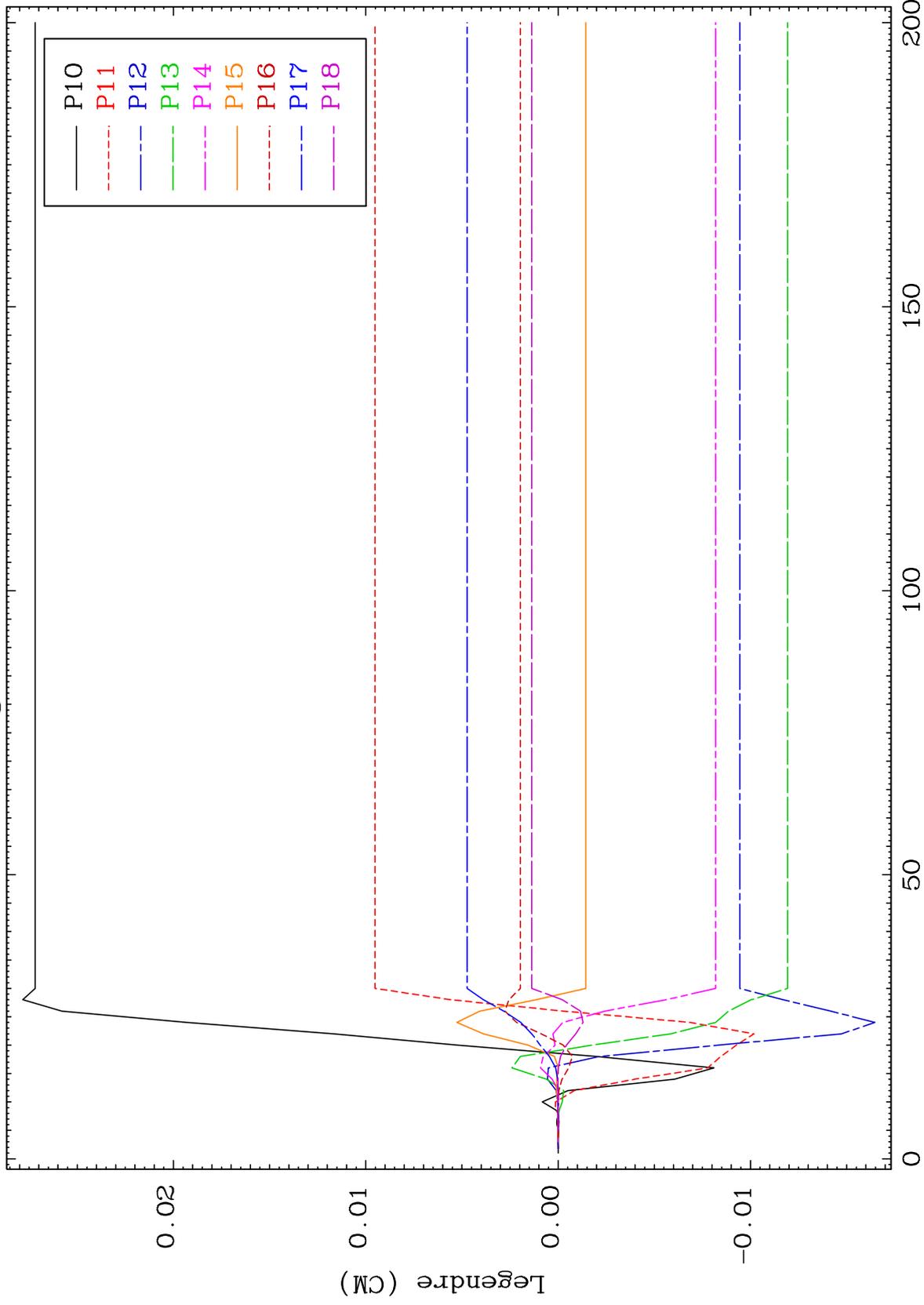
Incident Energy (MeV)

72

MAT 7725

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

77-Ir-191



73

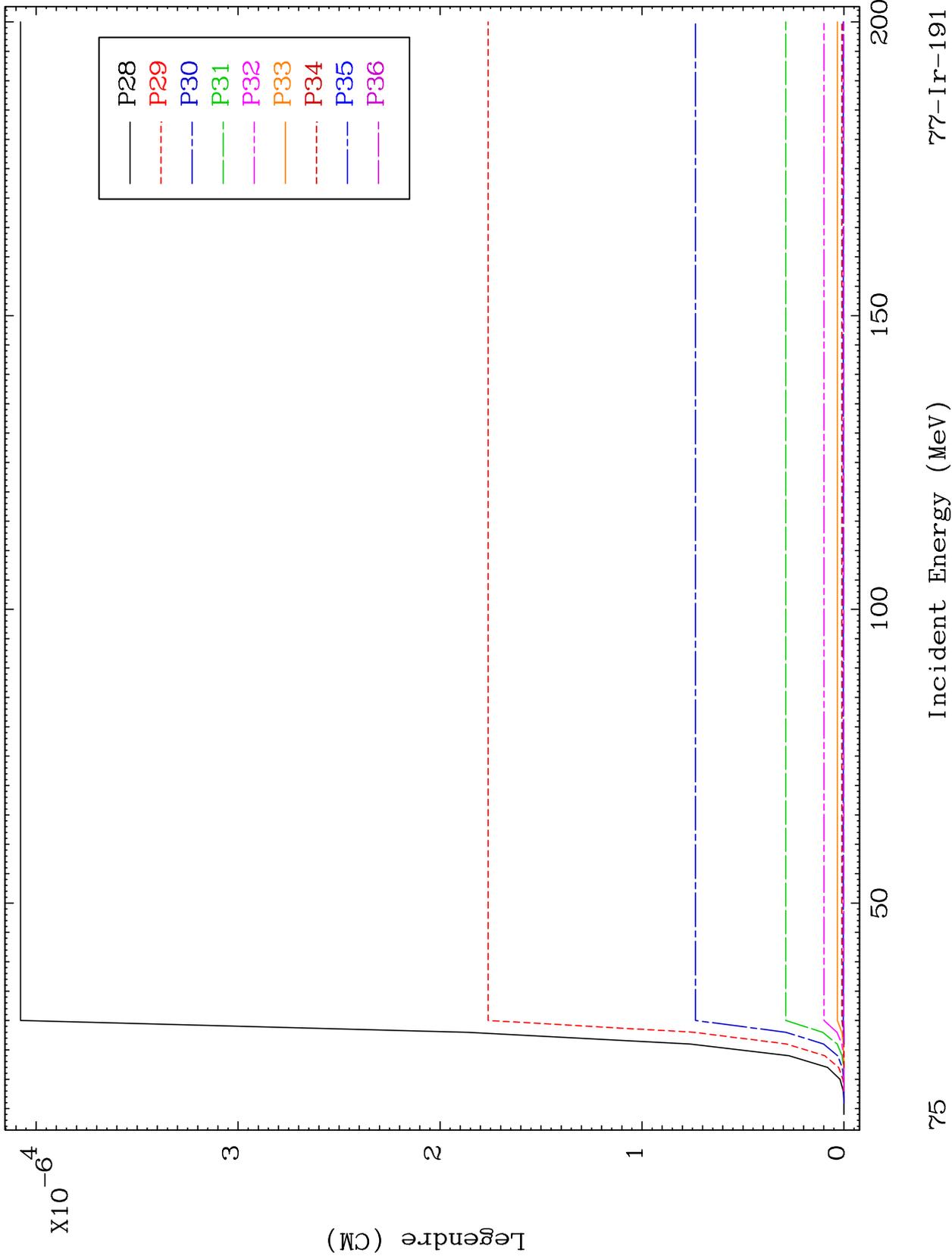
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

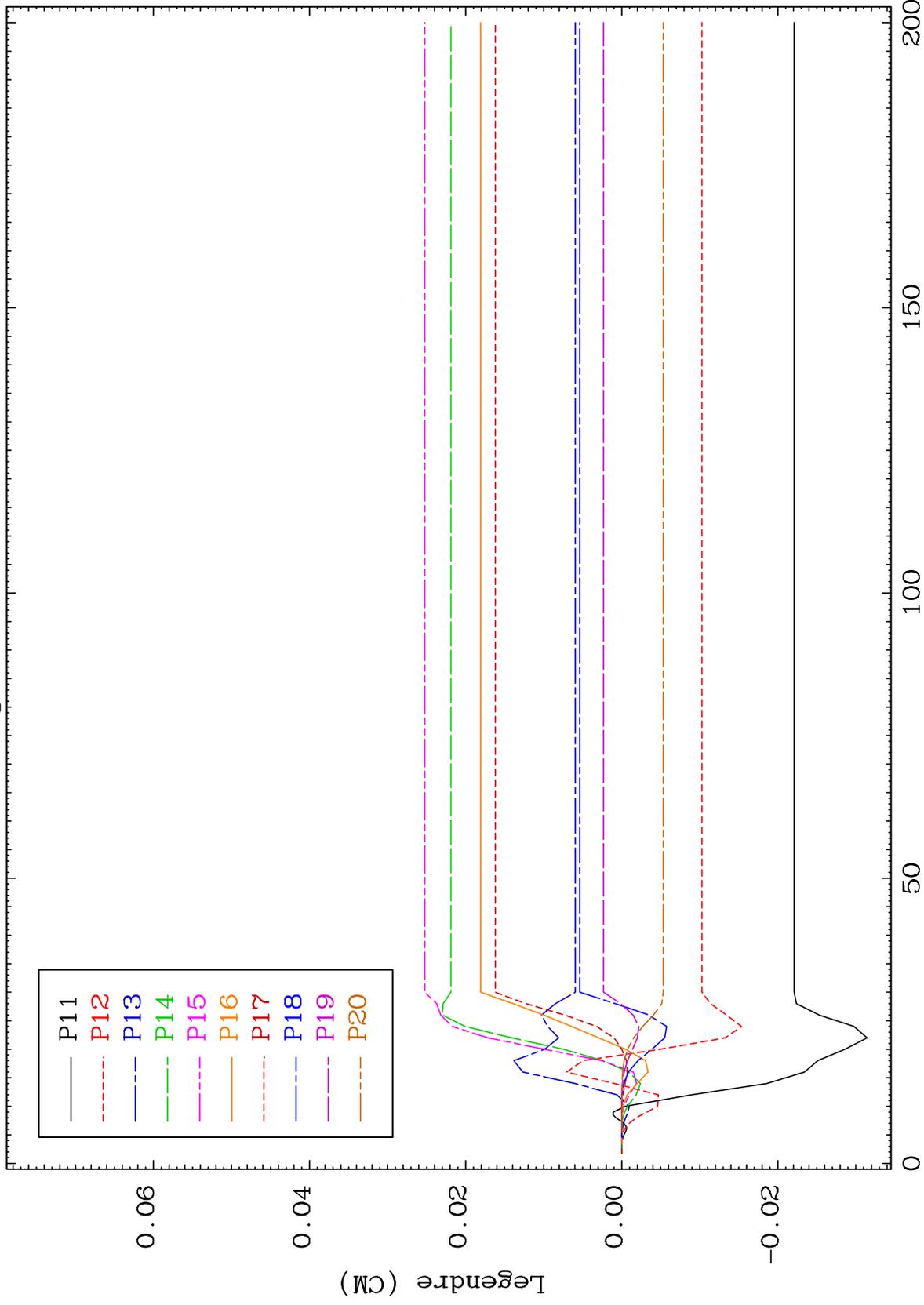
77-Ir-191



MAT 7725

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

77-Ir-191



77

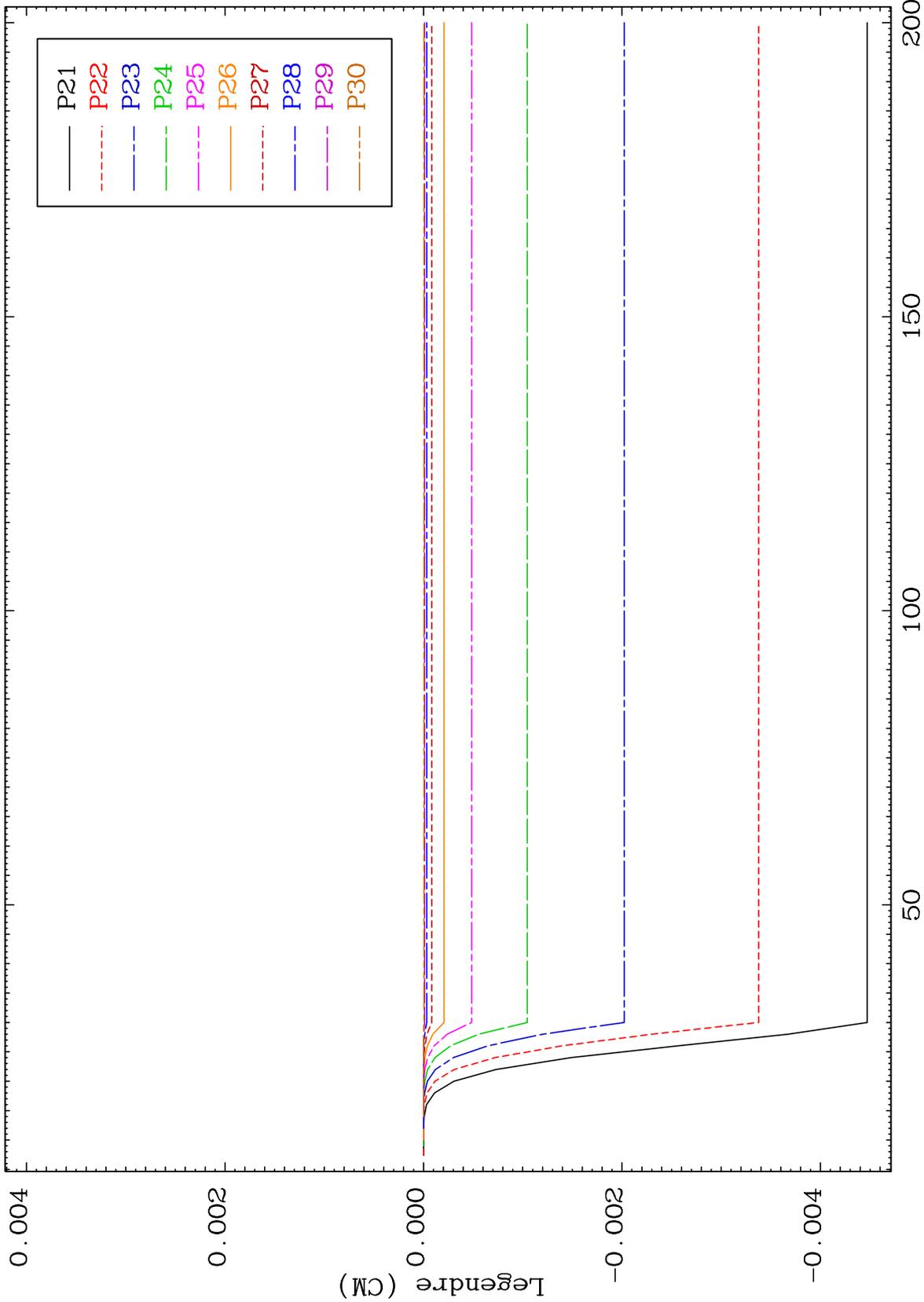
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

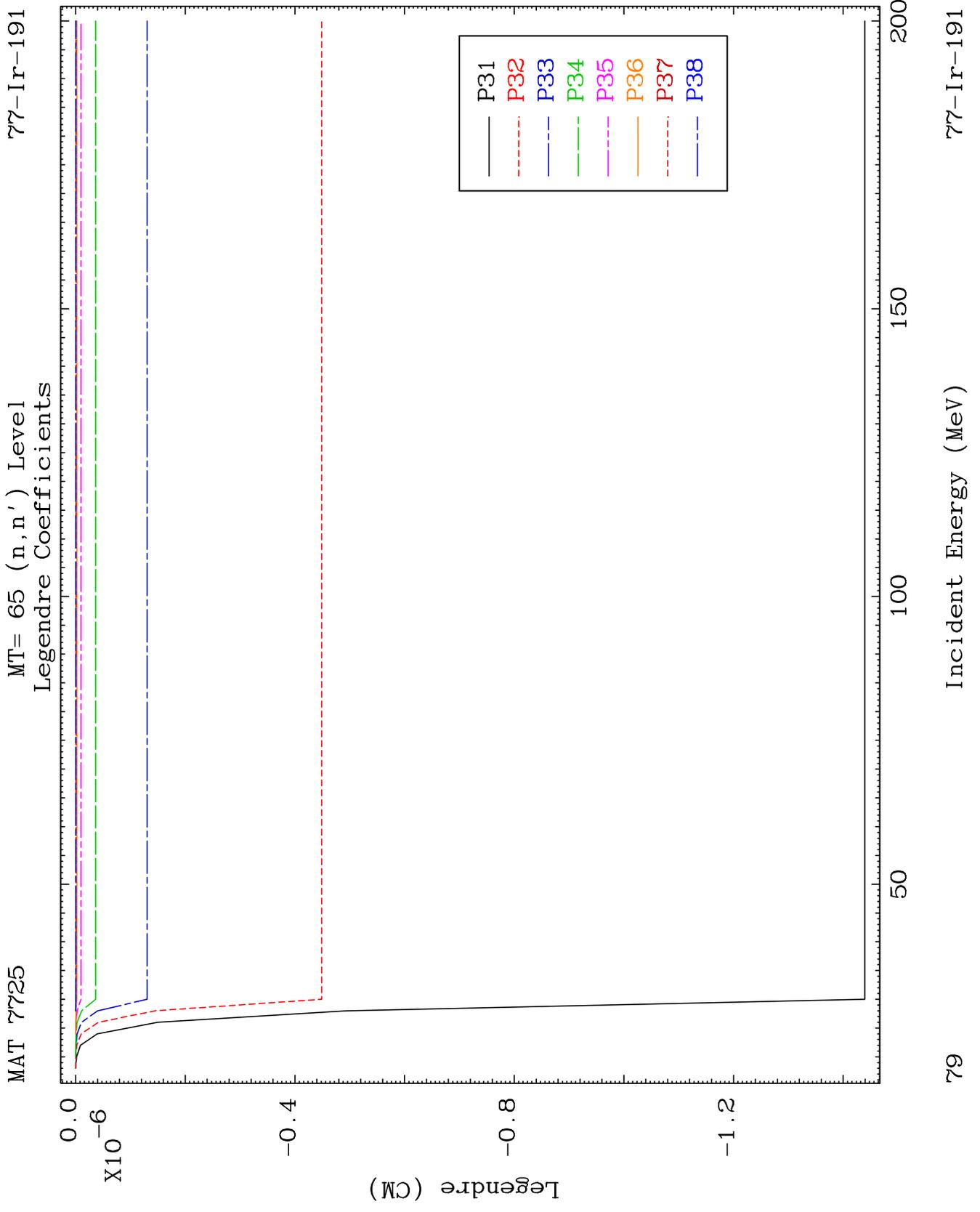
77-Ir-191



78

Incident Energy (MeV)

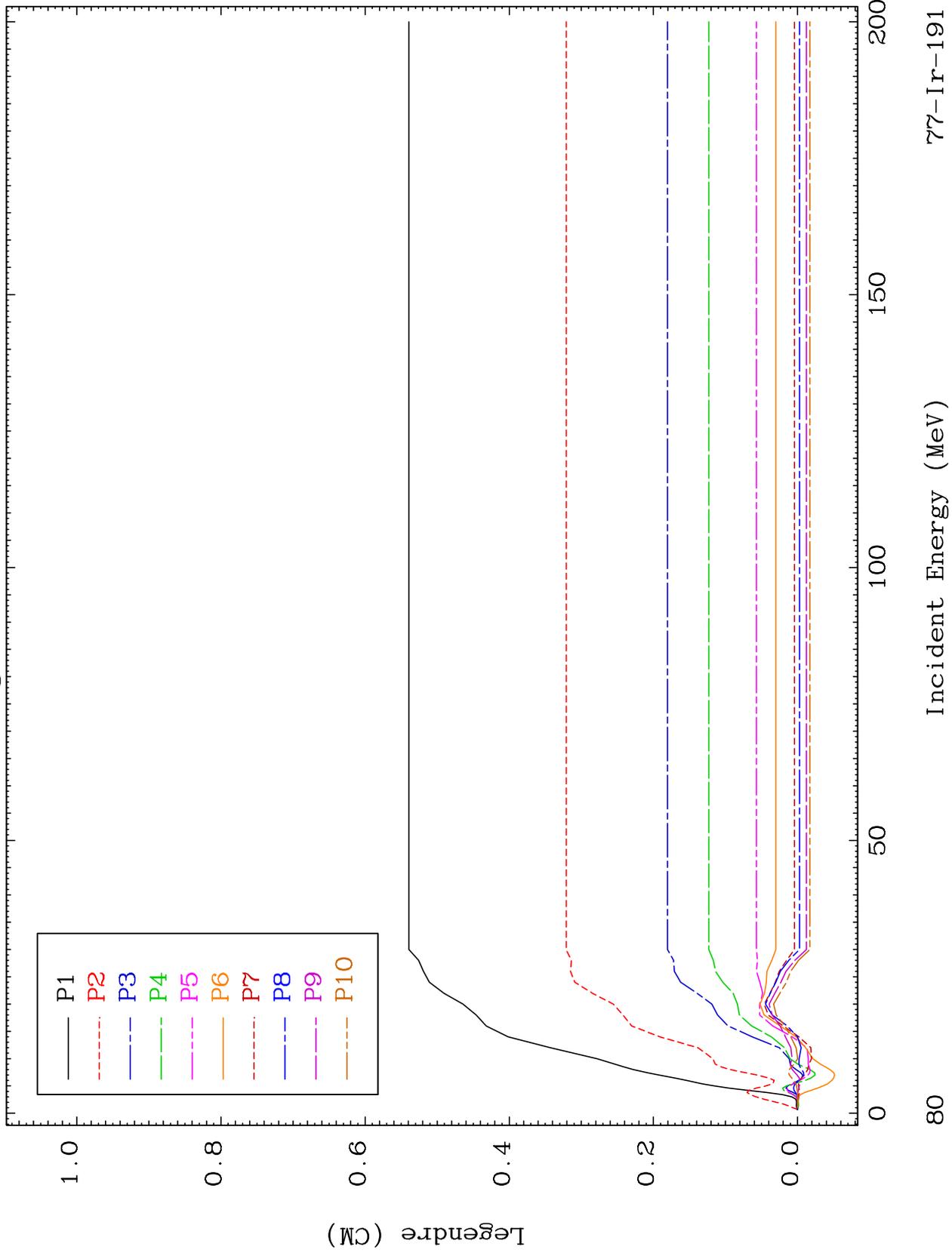
77-Ir-191



MAT 7725

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

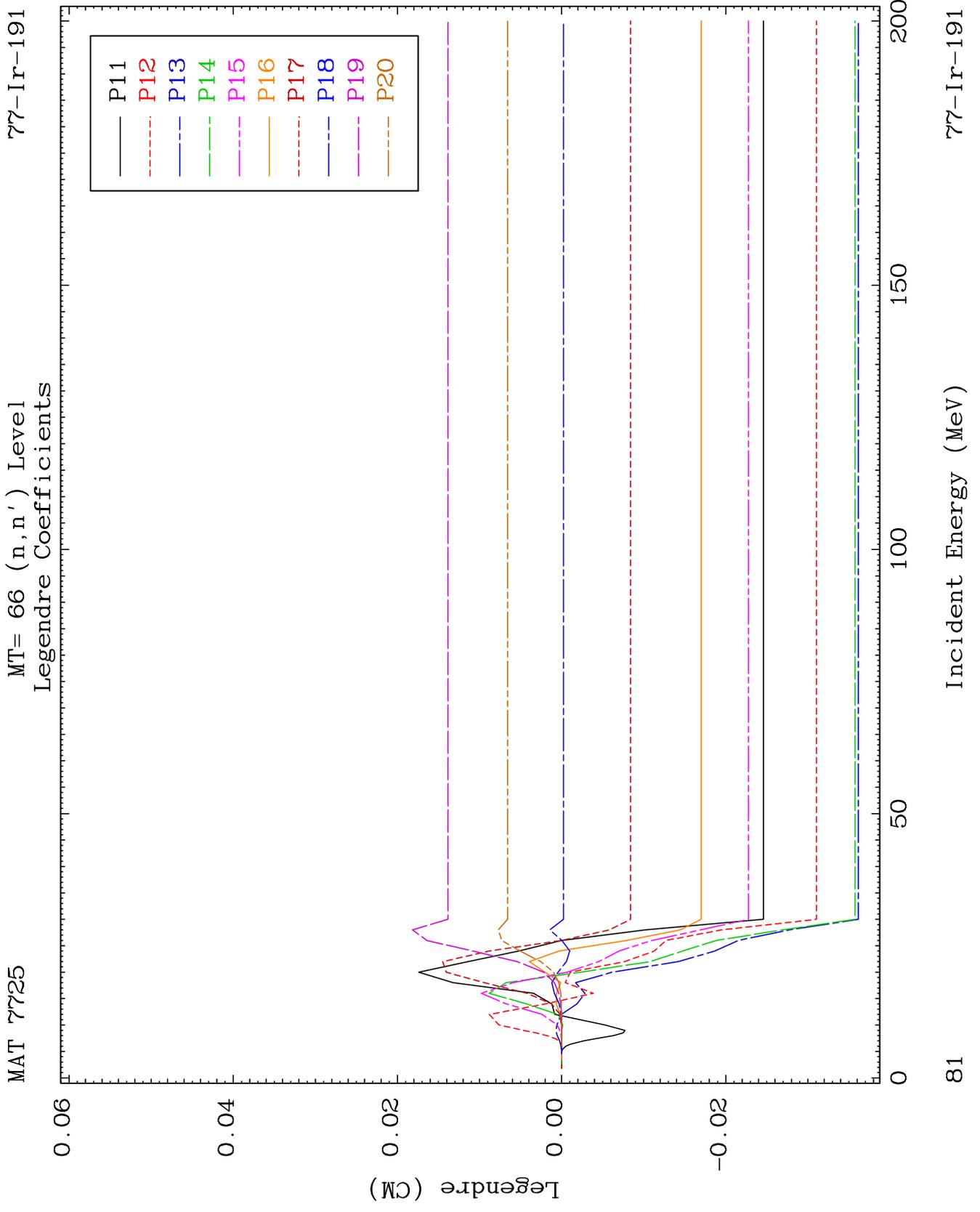
77-Ir-191



77-Ir-191

Incident Energy (MeV)

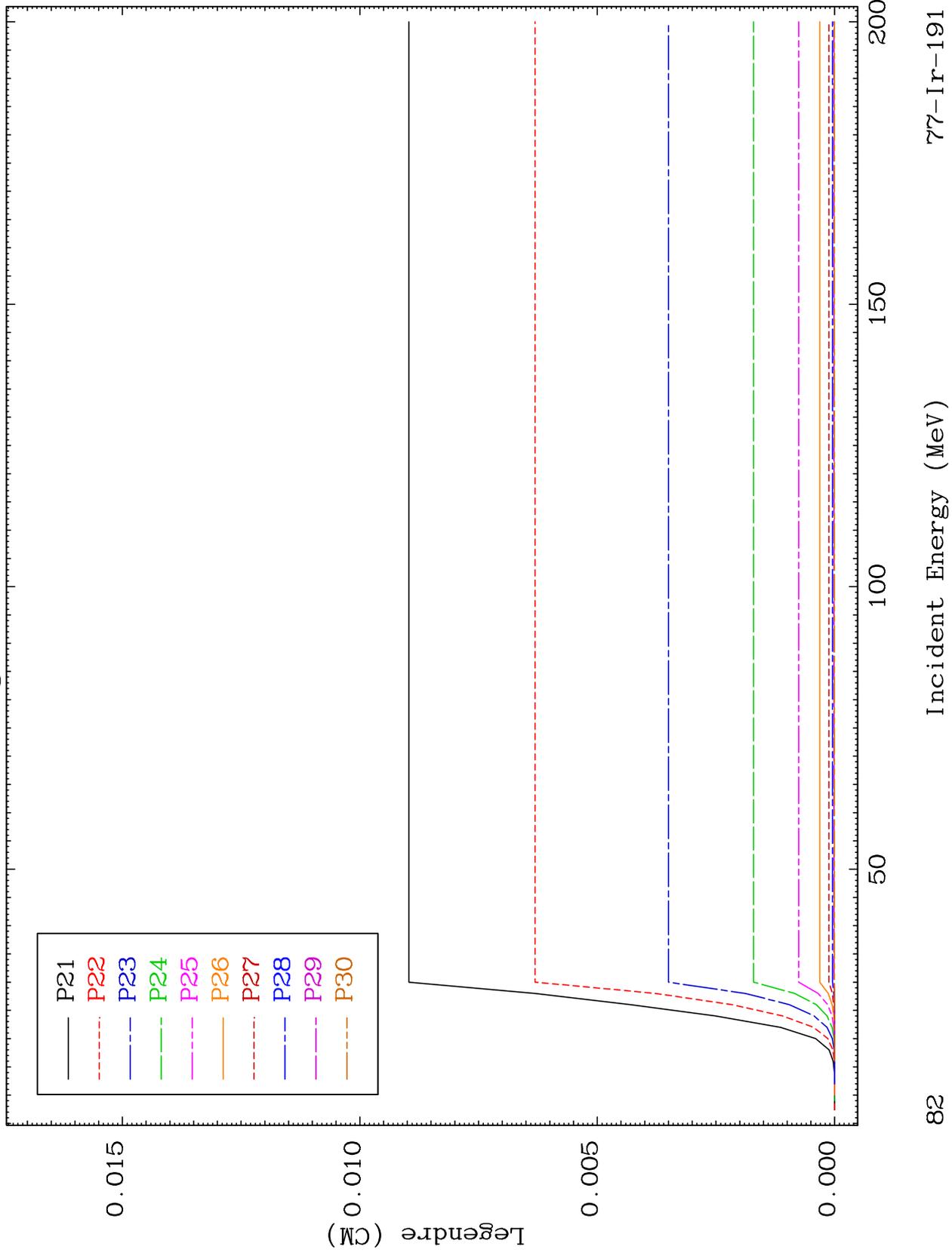
80



MAT 7725

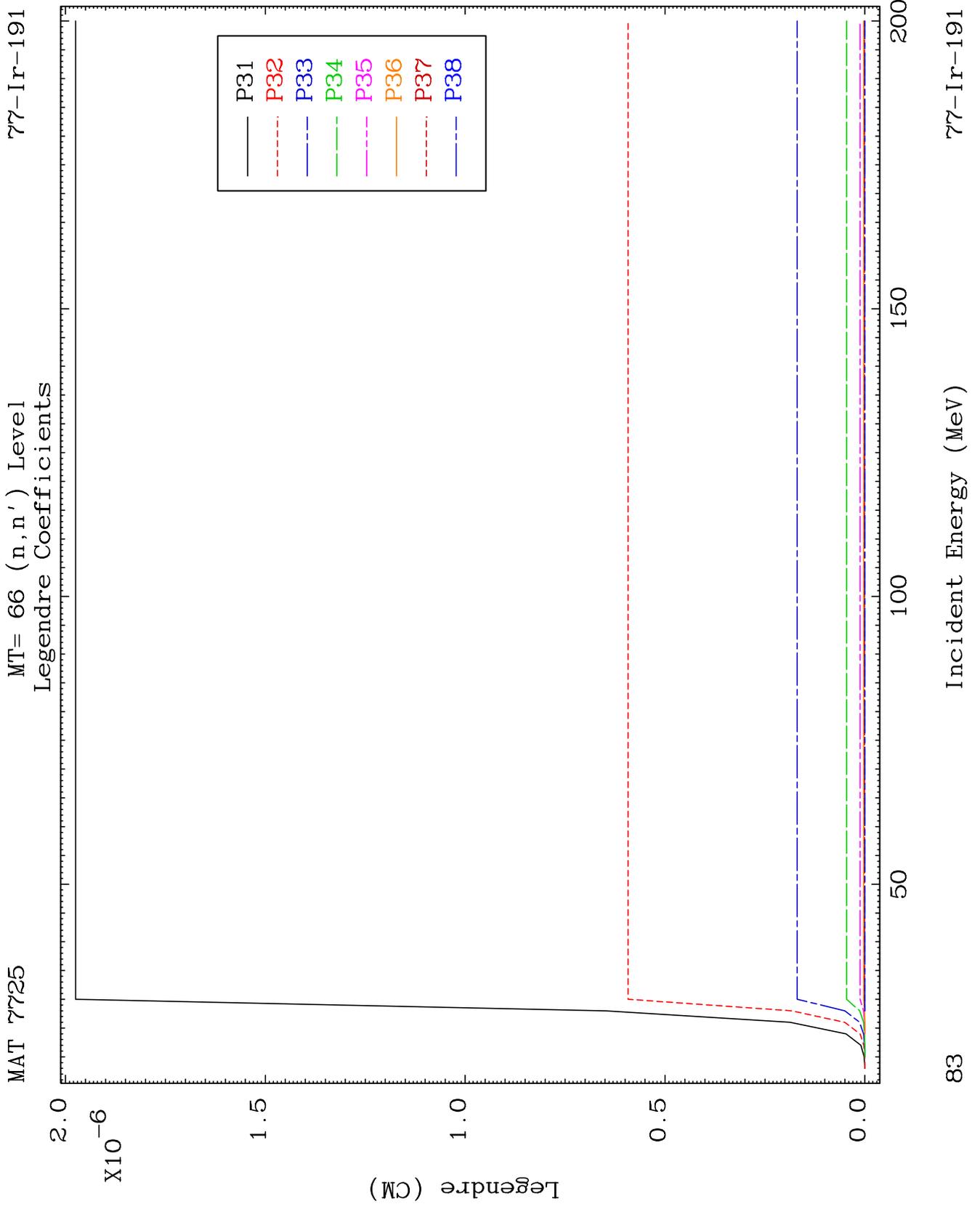
MT= 66 (n,n') Level
Legendre Coefficients

77-Ir-191



82

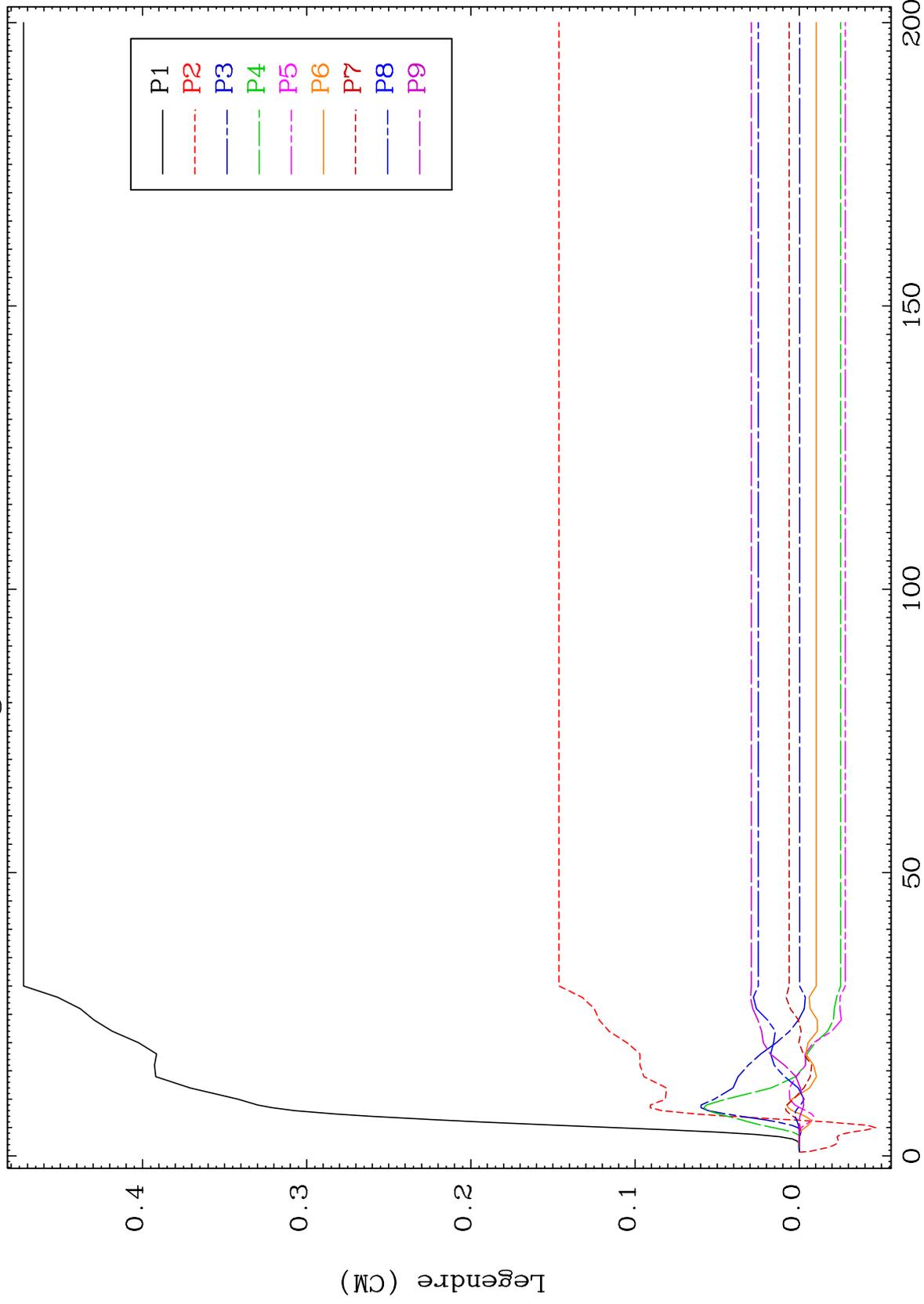
77-Ir-191



MAT 7725

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

77-Ir-191



84

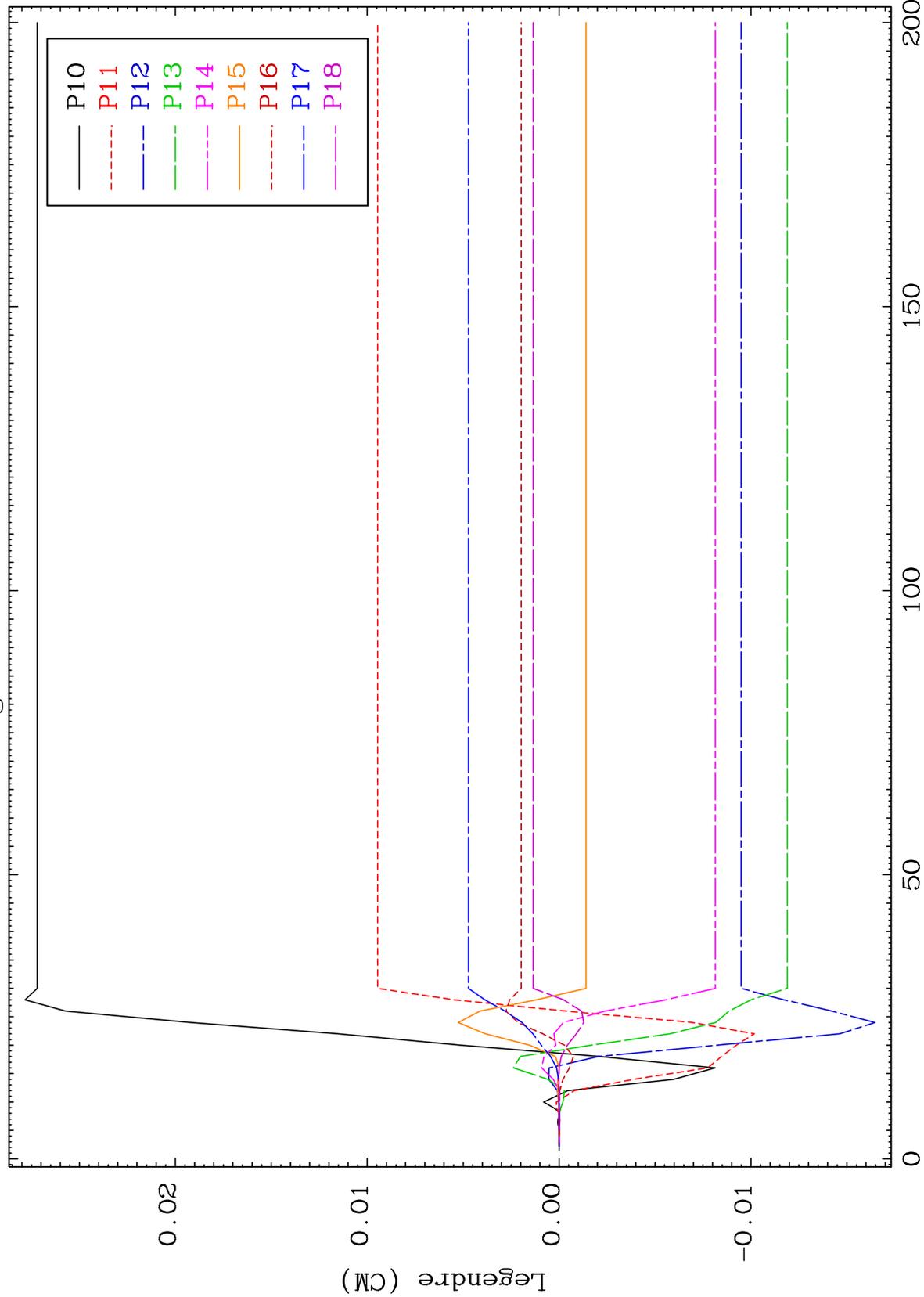
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

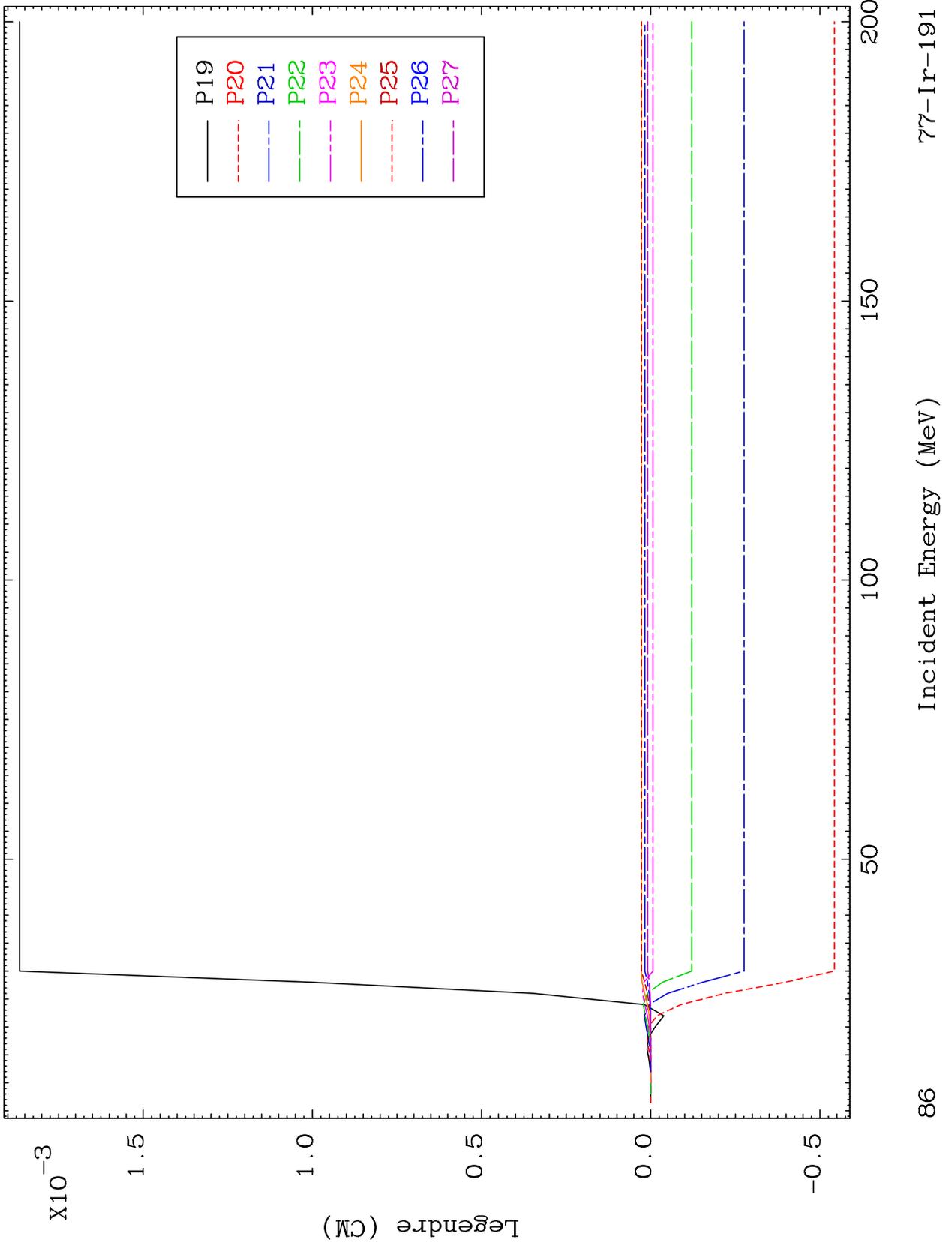
77-Ir-191



85

Incident Energy (MeV)

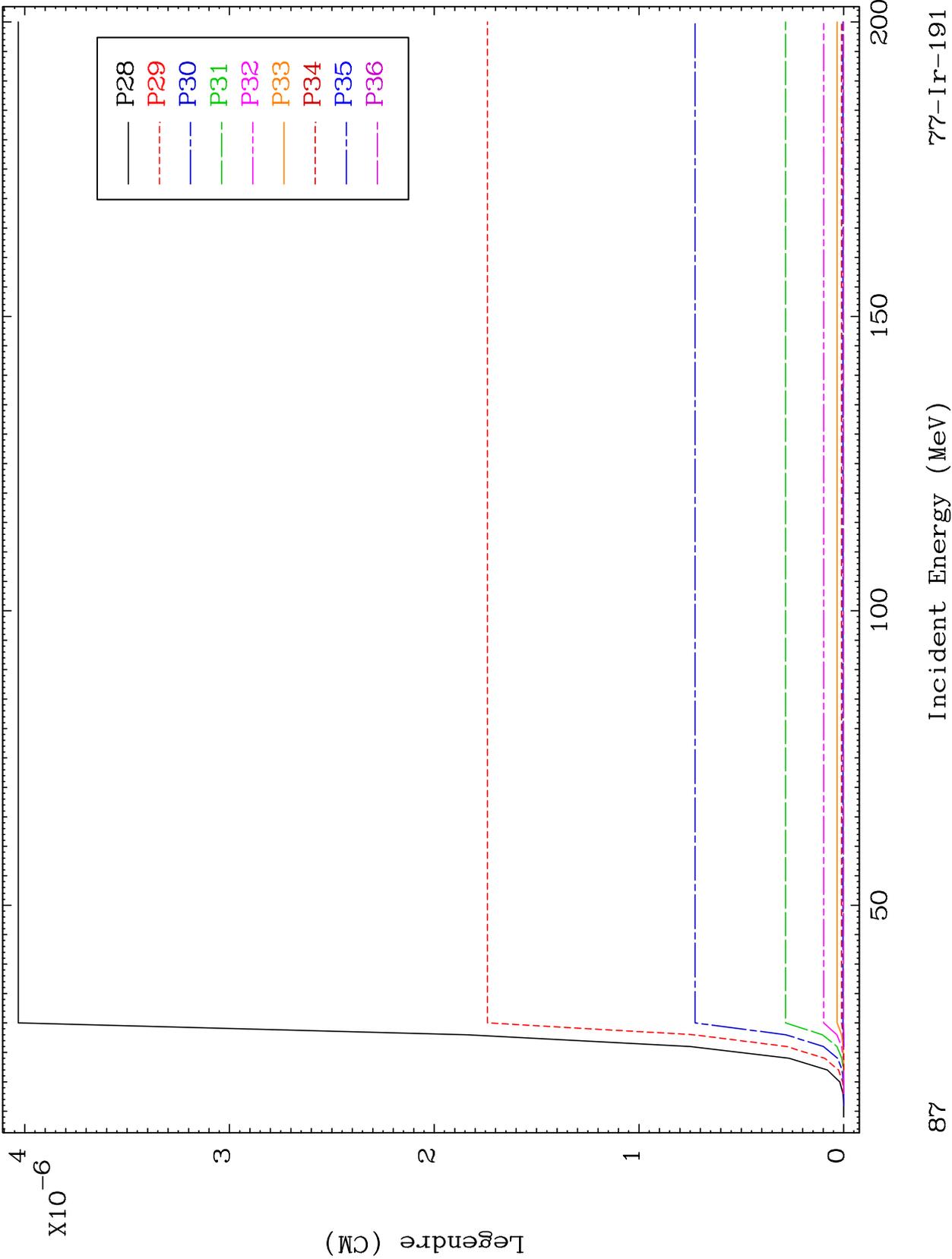
77-Ir-191



MAT 7725

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

77-Ir-191

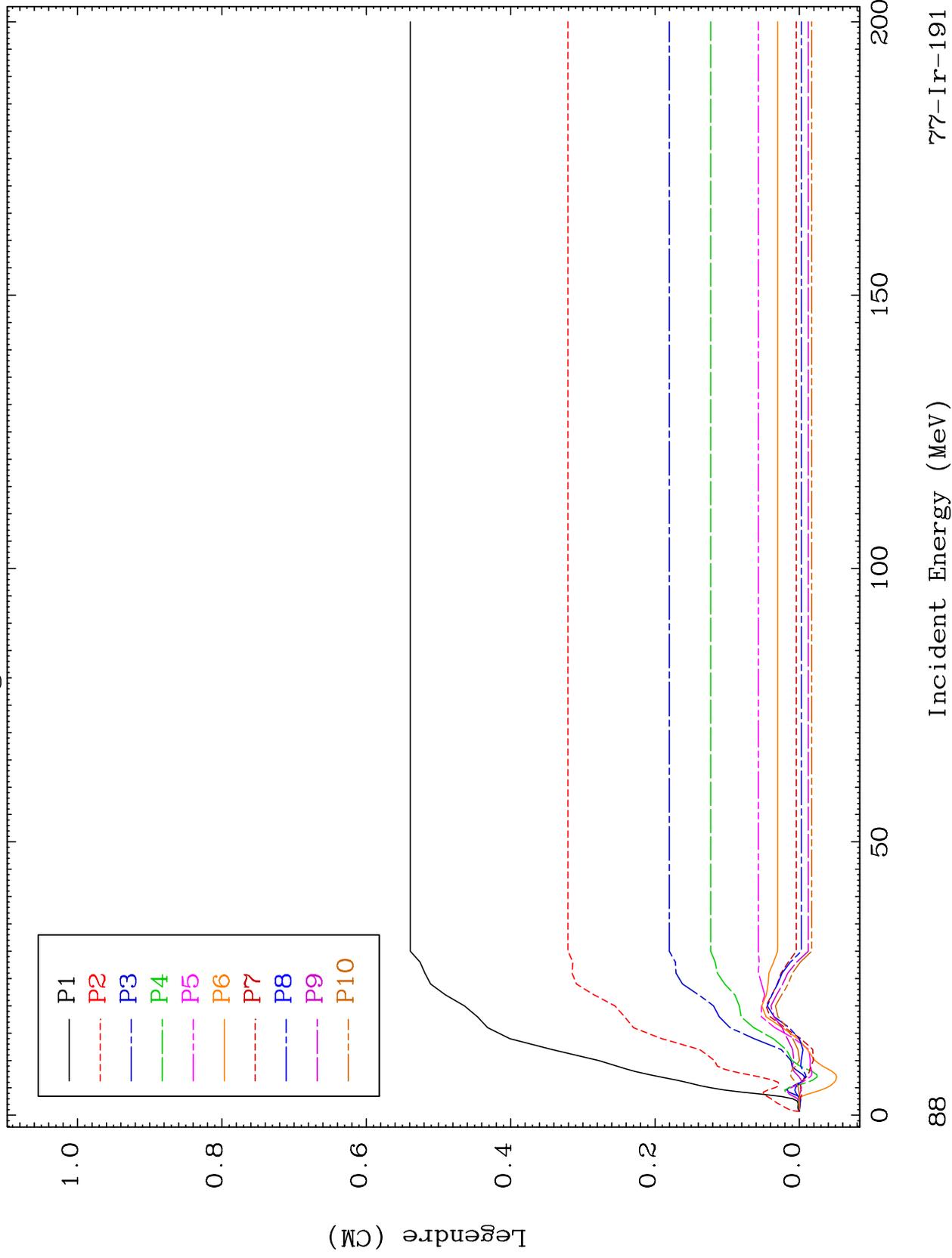


87

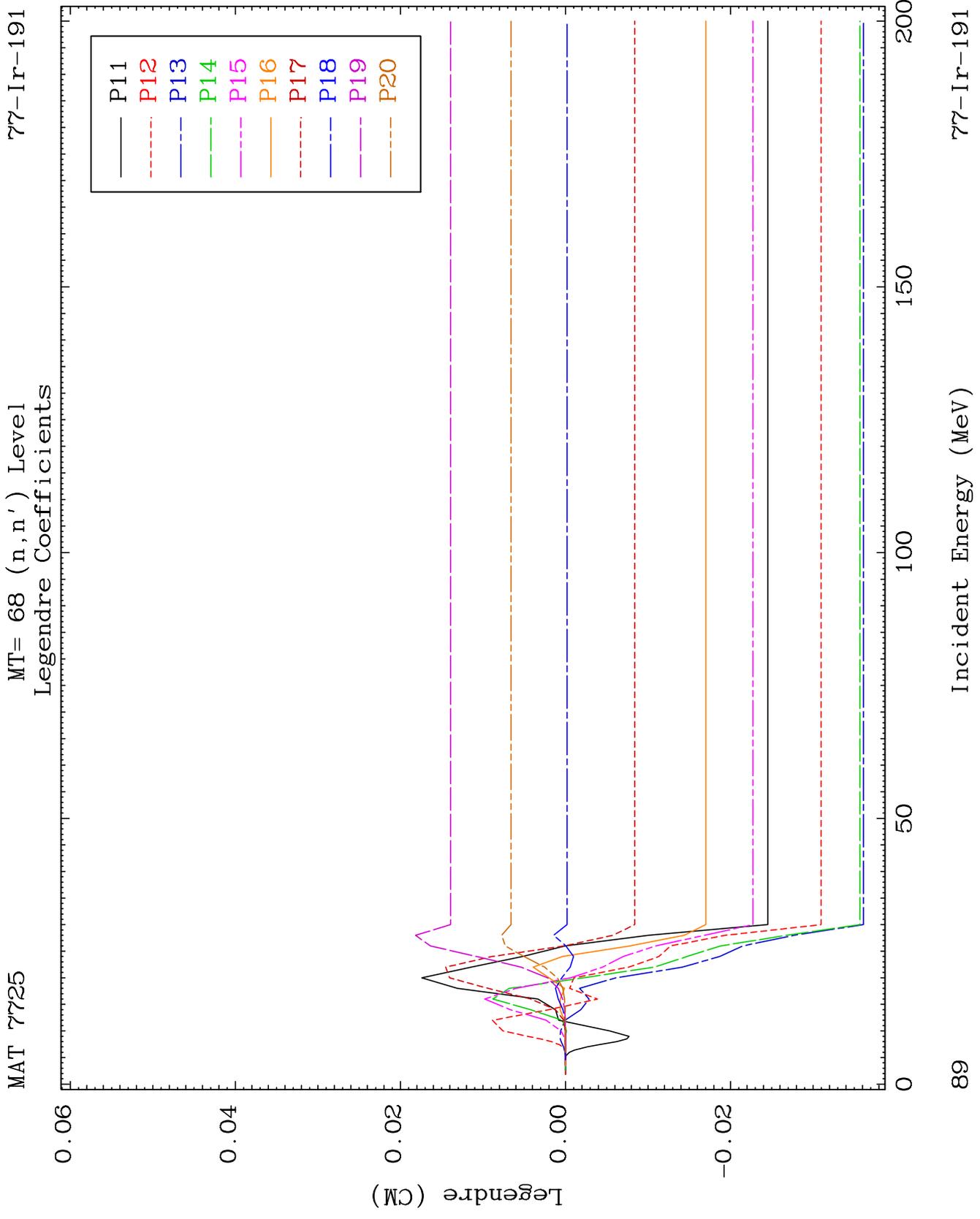
MAT 7725

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

77-Ir-191



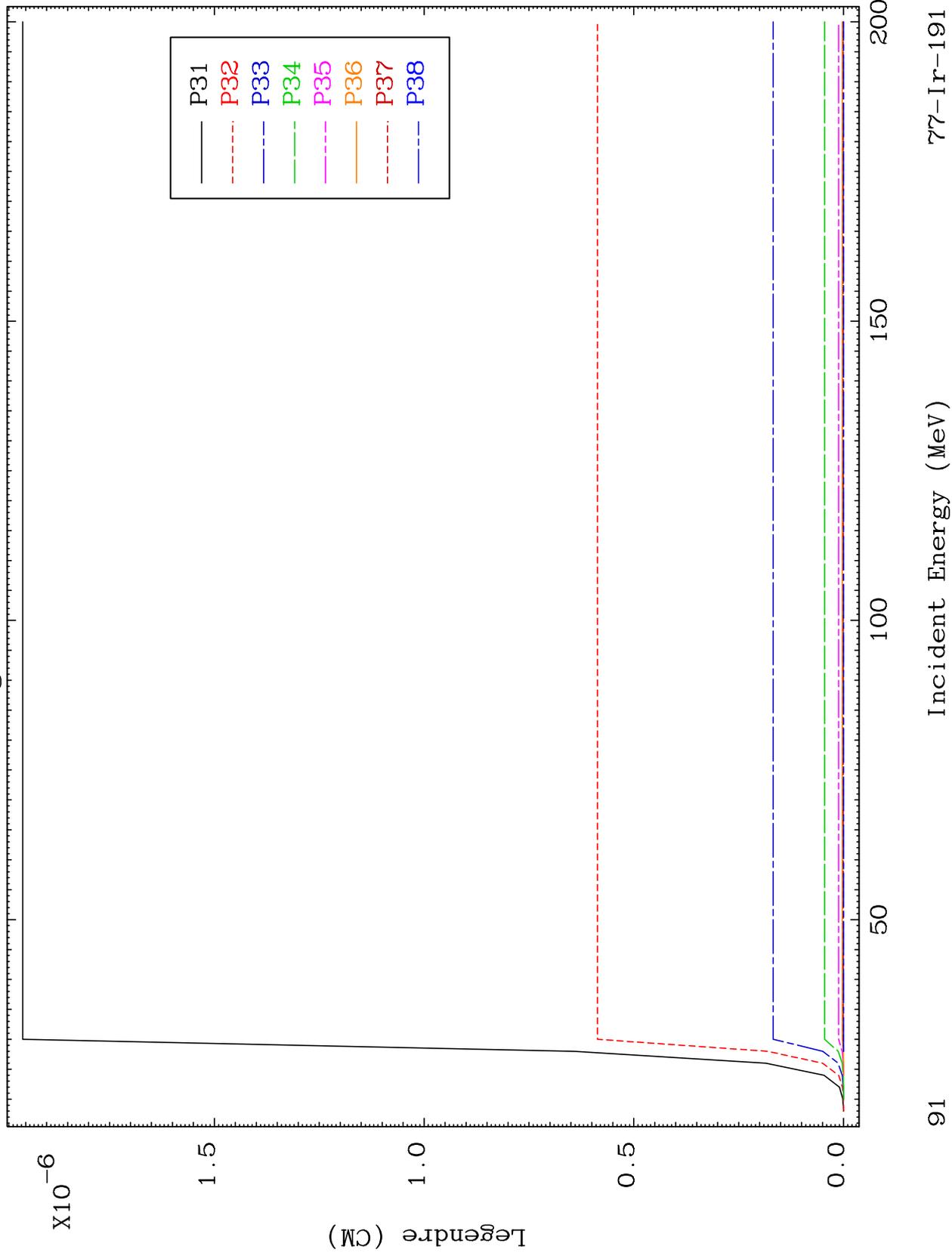
88



MAT 7725

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

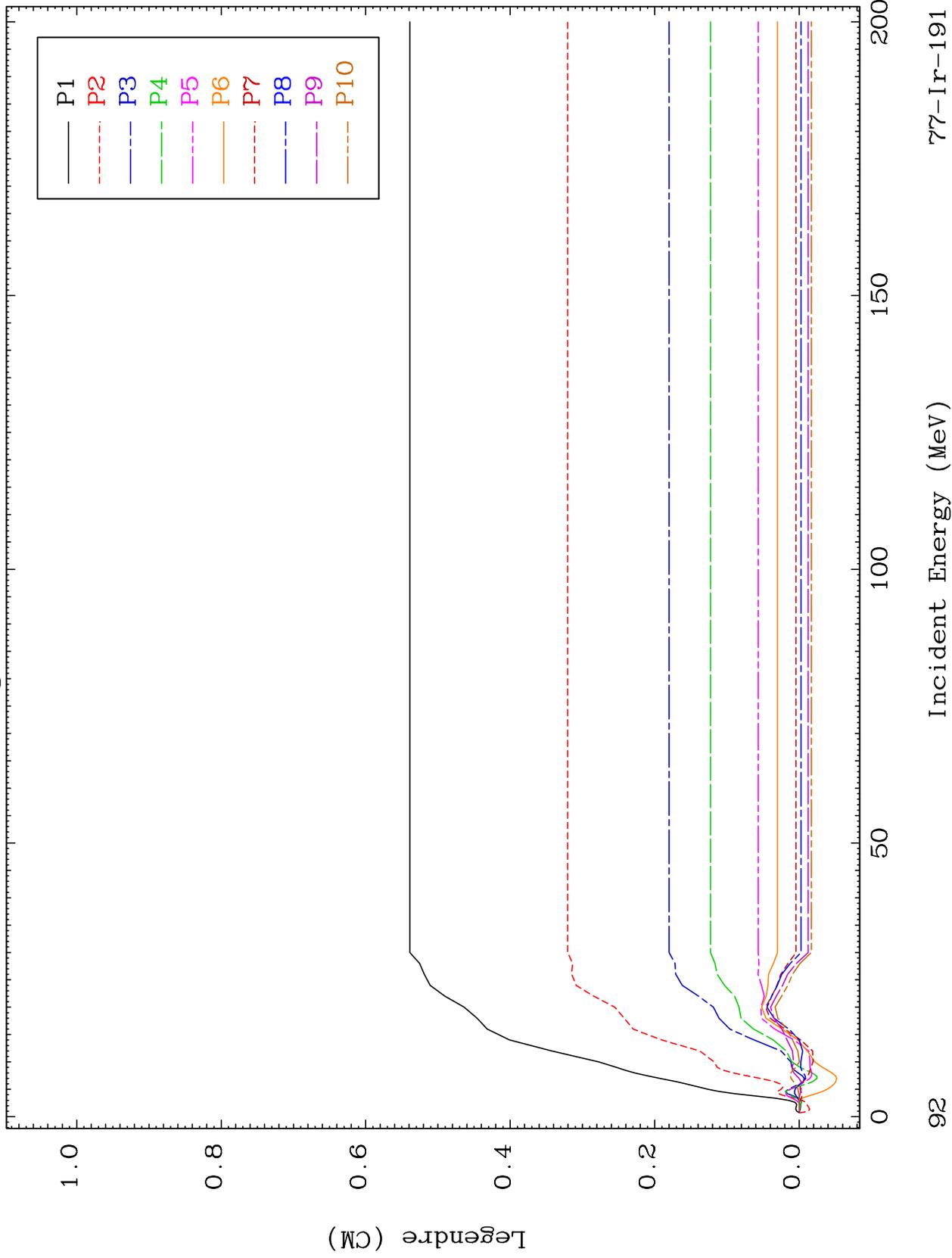
77-Ir-191



MAT 7725

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

77-Ir-191



77-Ir-191

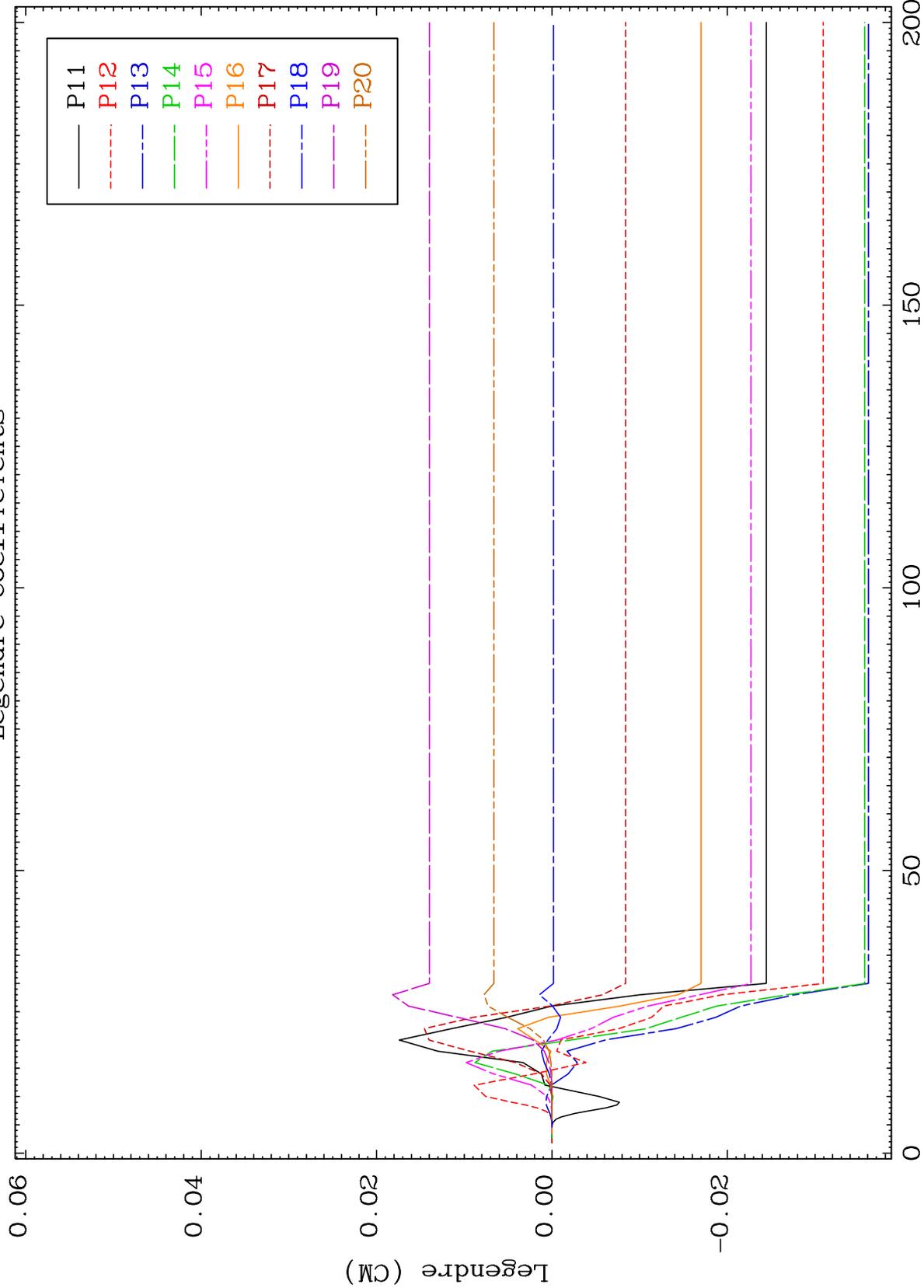
Incident Energy (MeV)

92

MAT 7725

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

77-Ir-191



93

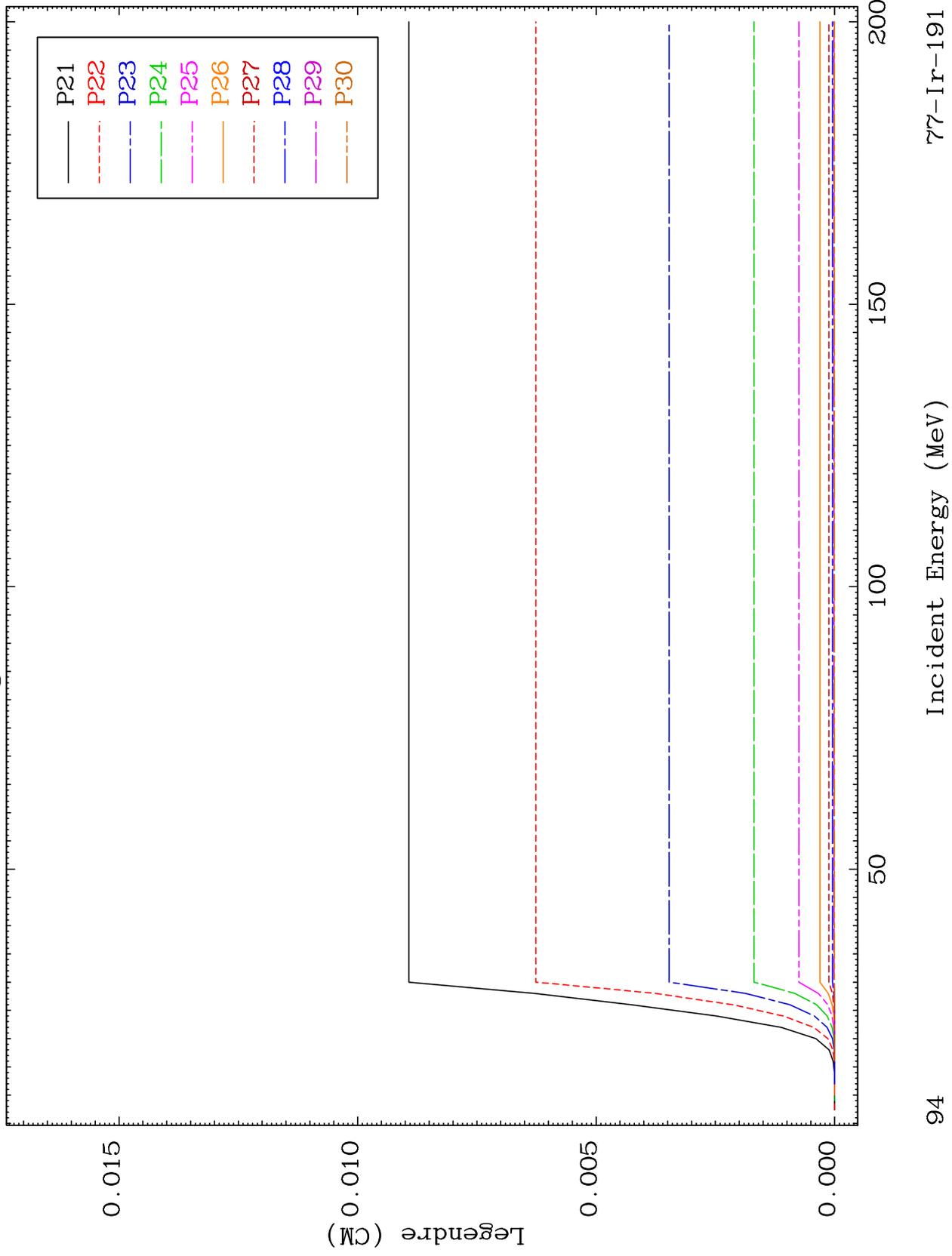
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

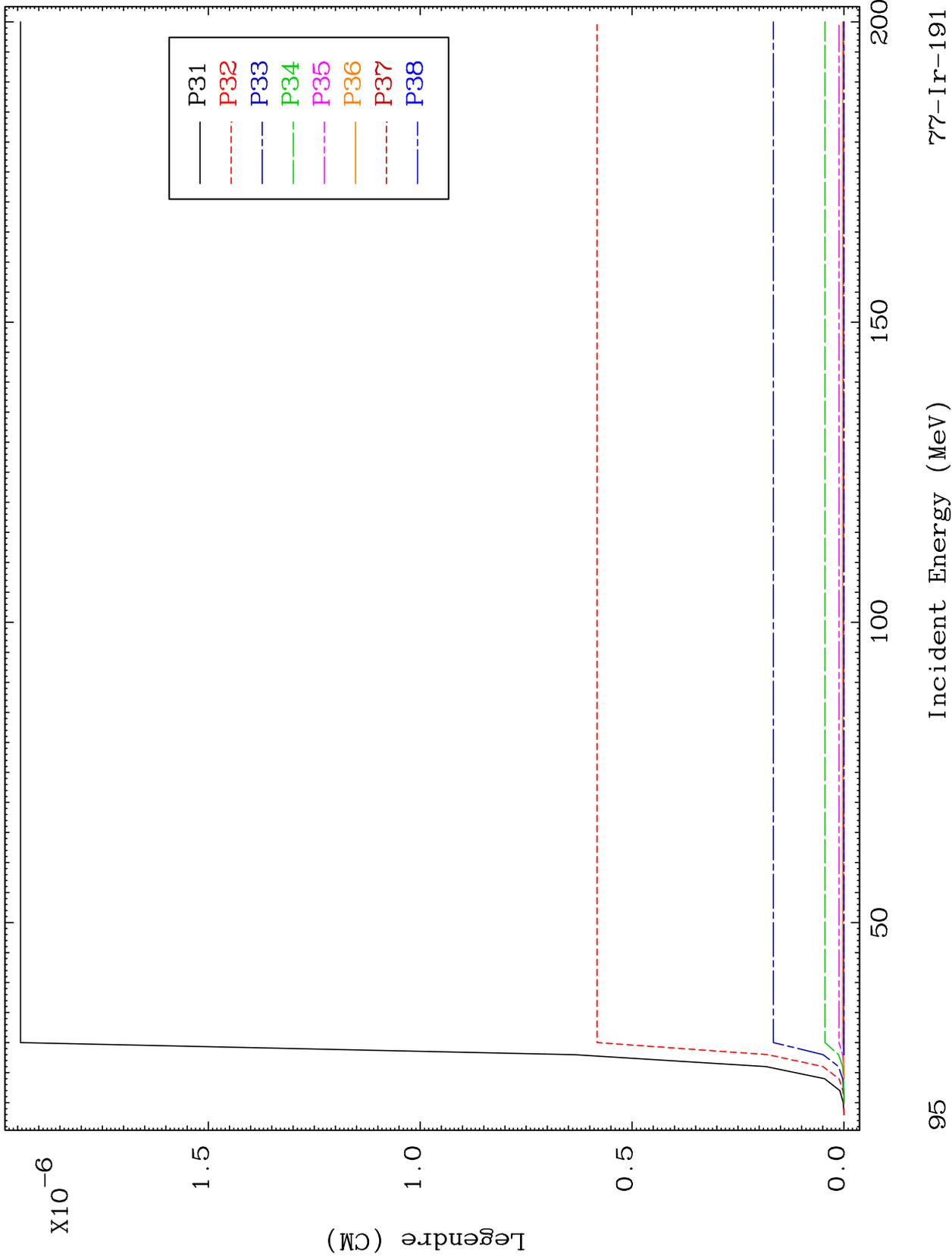
77-Ir-191



MAT 7725

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

77-Ir-191



95

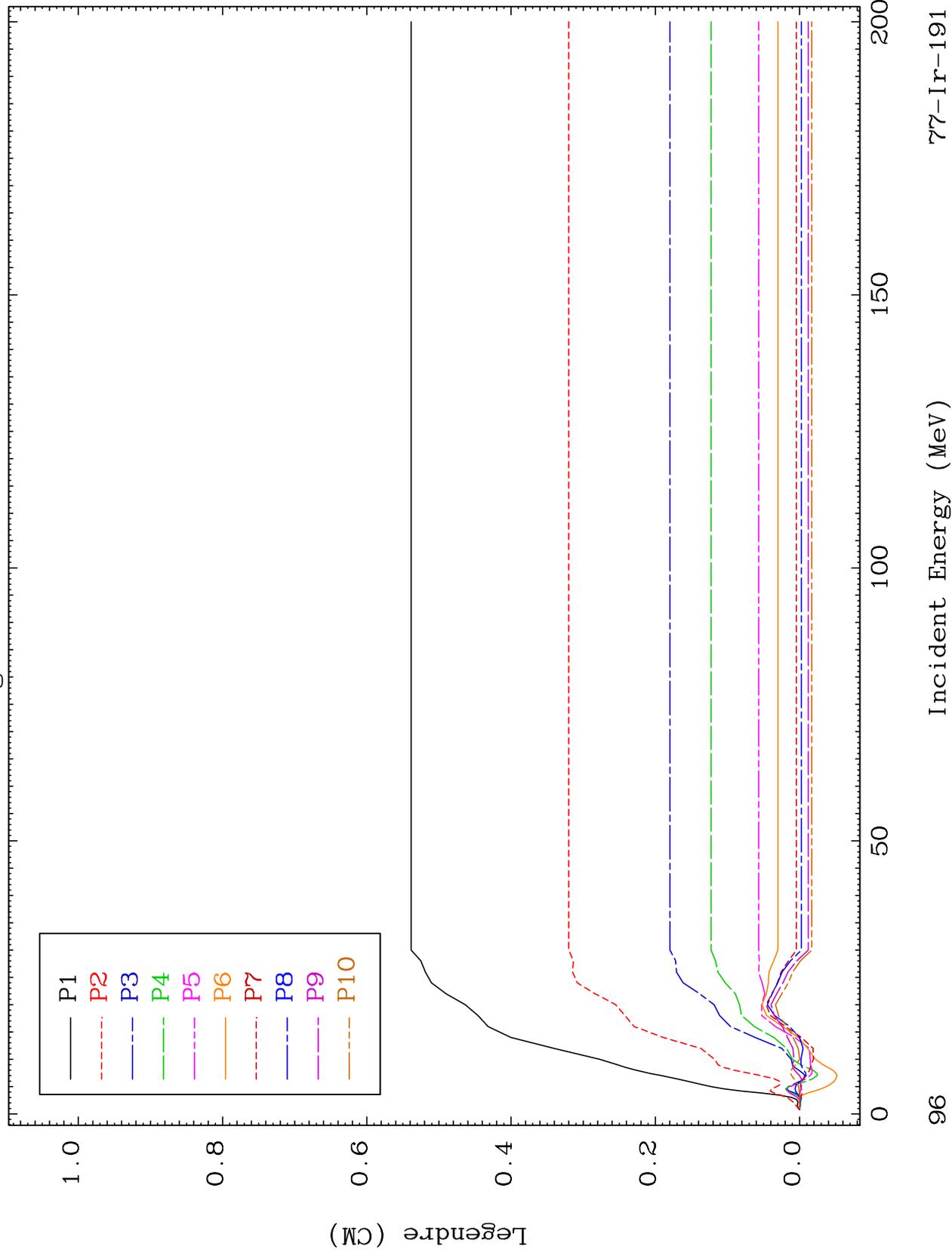
Incident Energy (MeV)

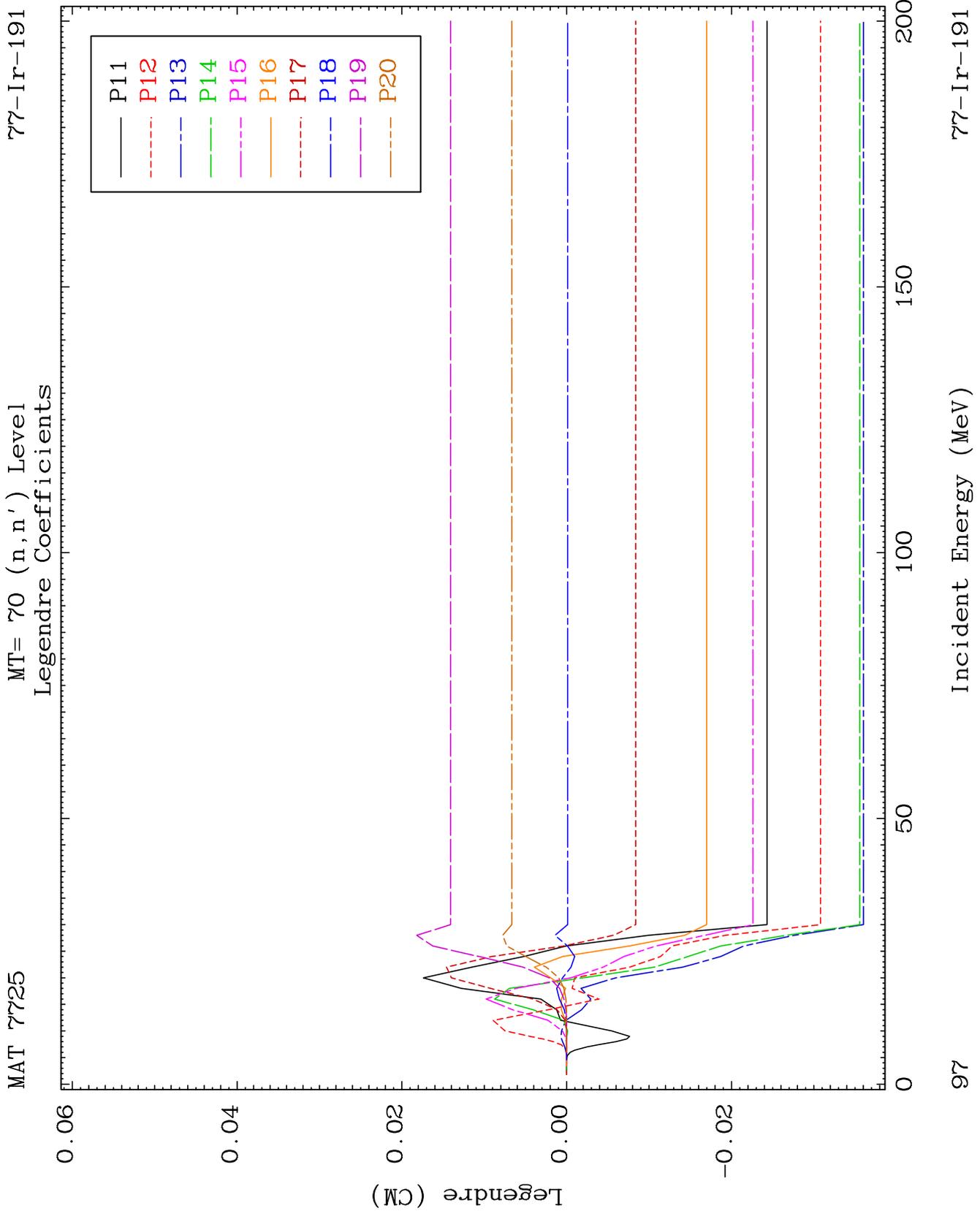
77-Ir-191

MAT 7725

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

77-Ir-191

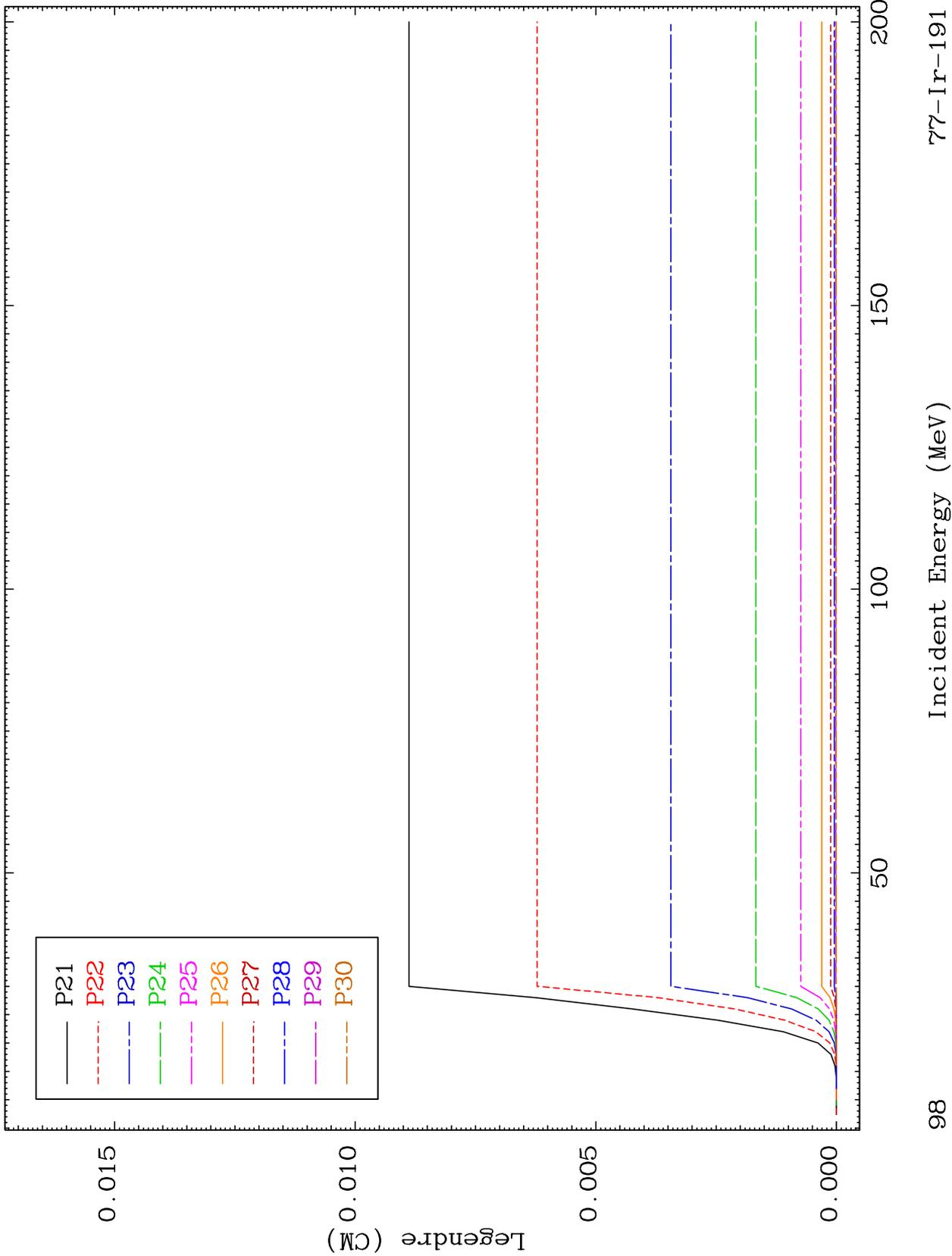




MAT 7725

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

77-Ir-191



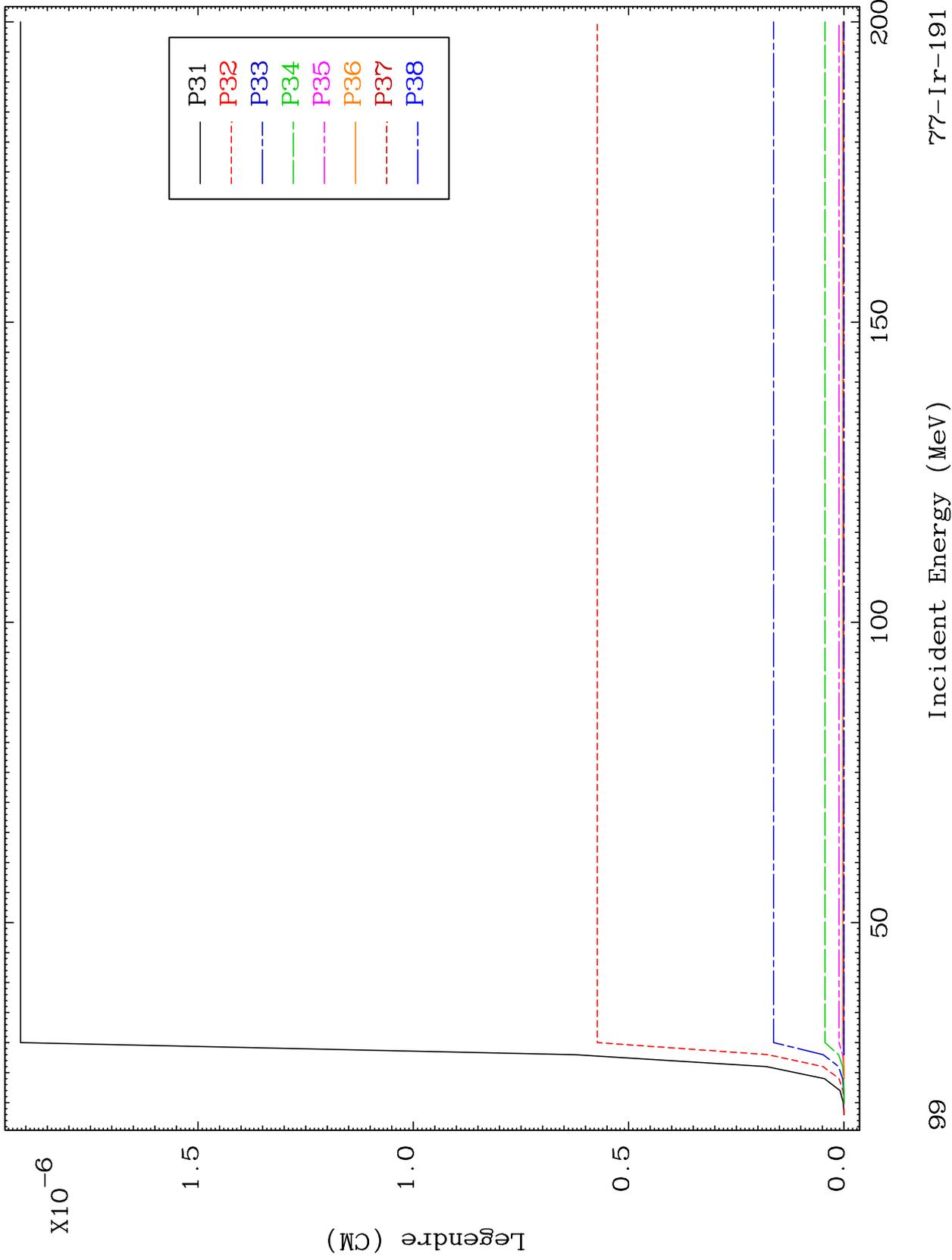
98

77-Ir-191

MAT 7725

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

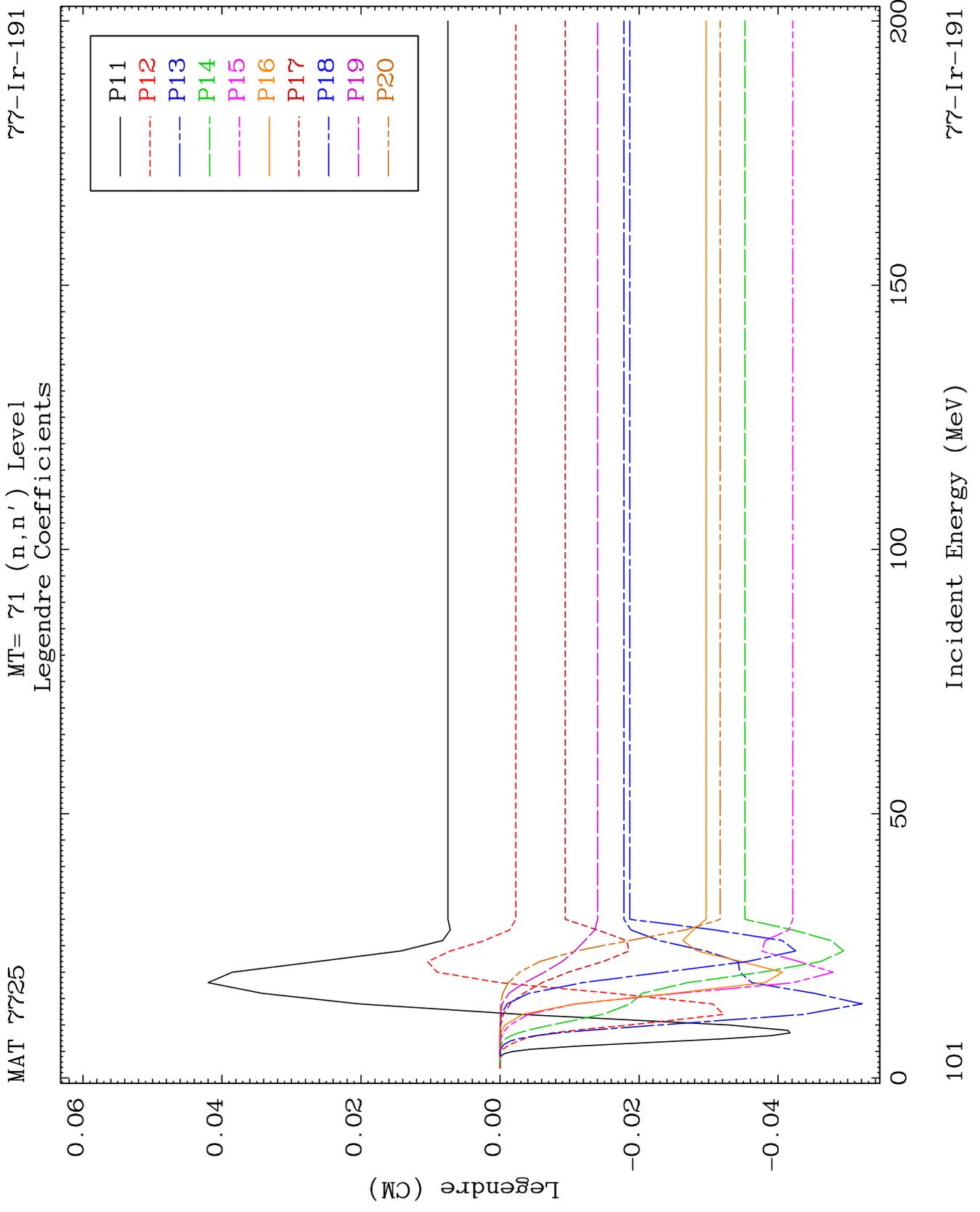
77-Ir-191



99

Incident Energy (MeV)

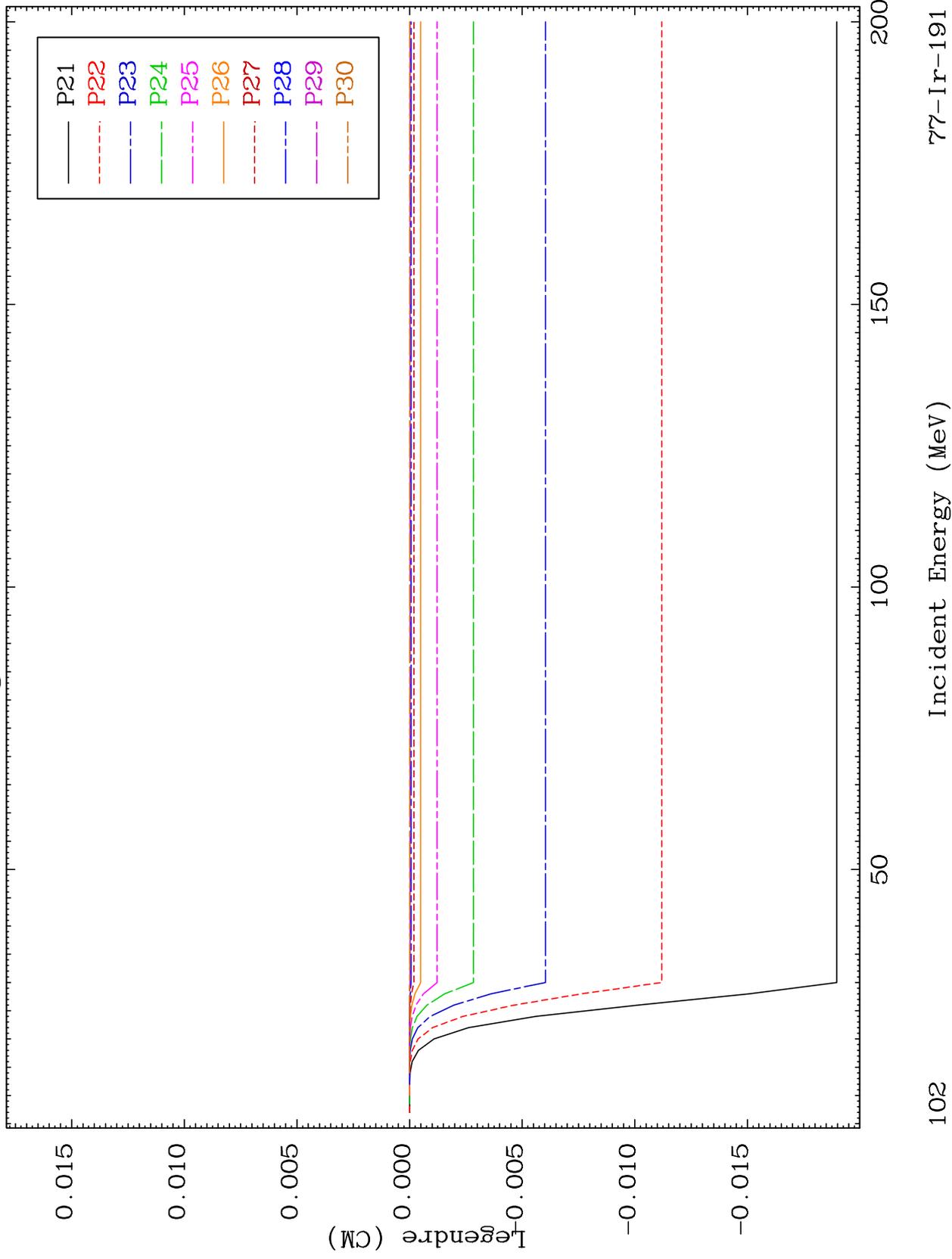
77-Ir-191



MAT 7725

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

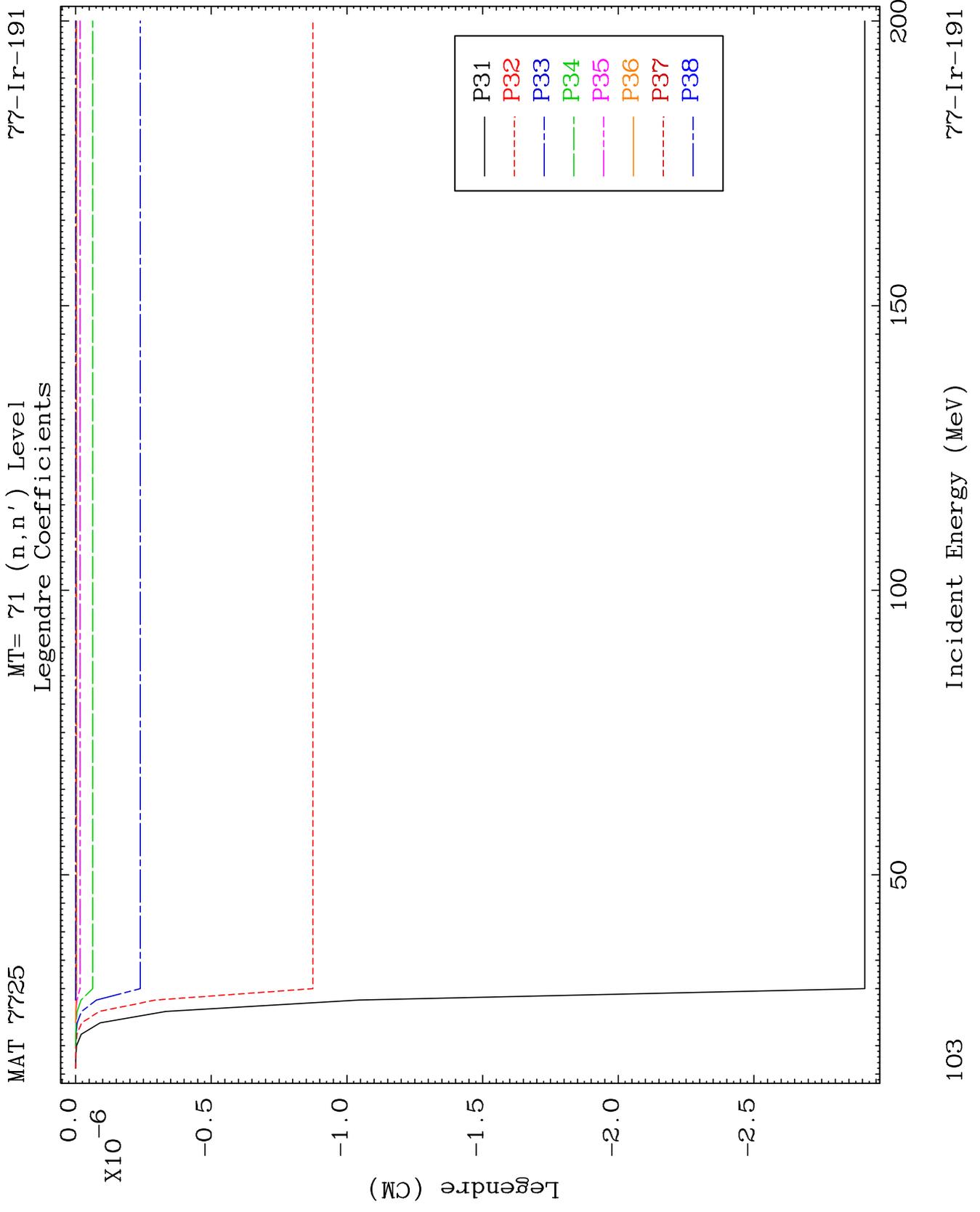
77-Ir-191

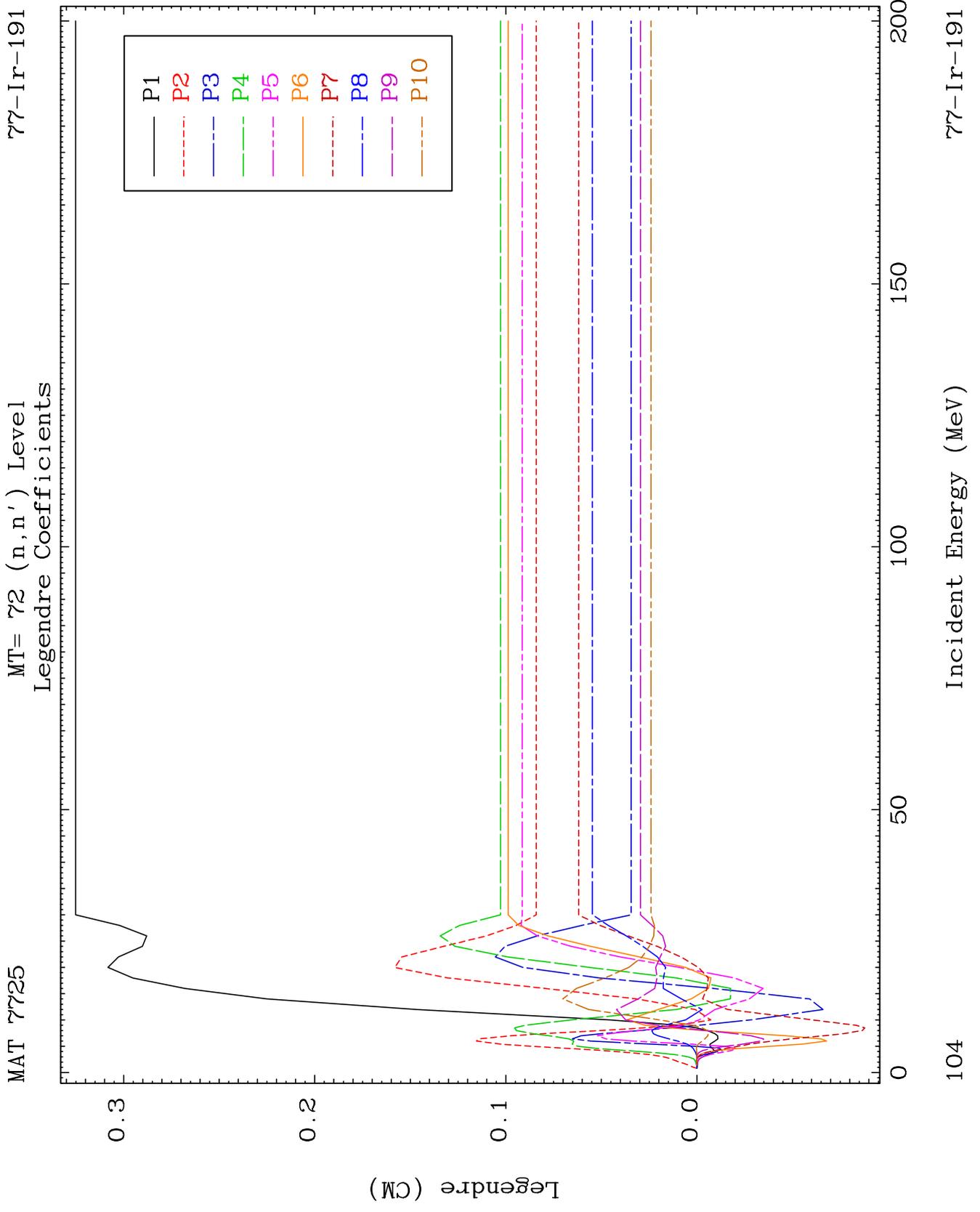


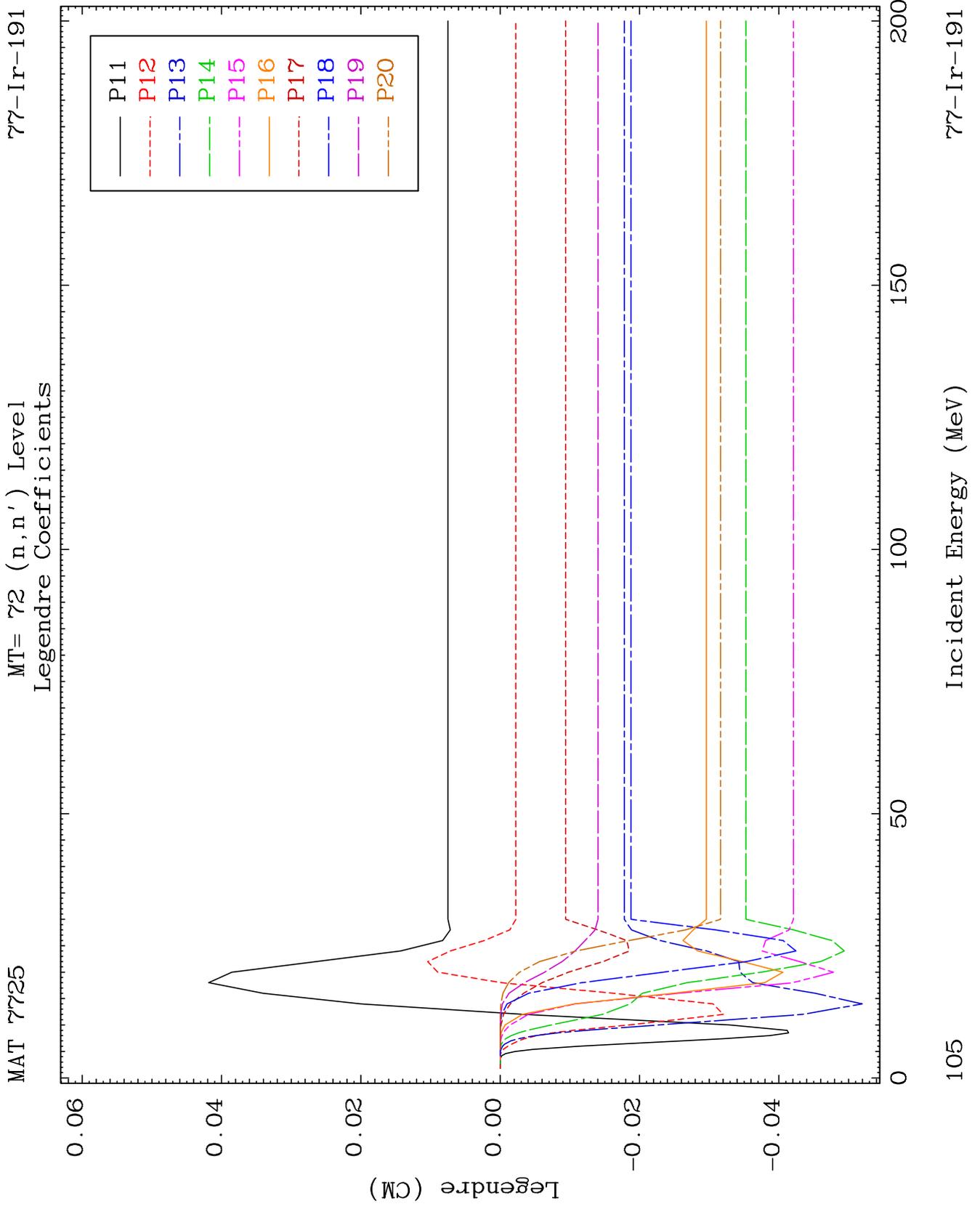
102

Incident Energy (MeV)

77-Ir-191



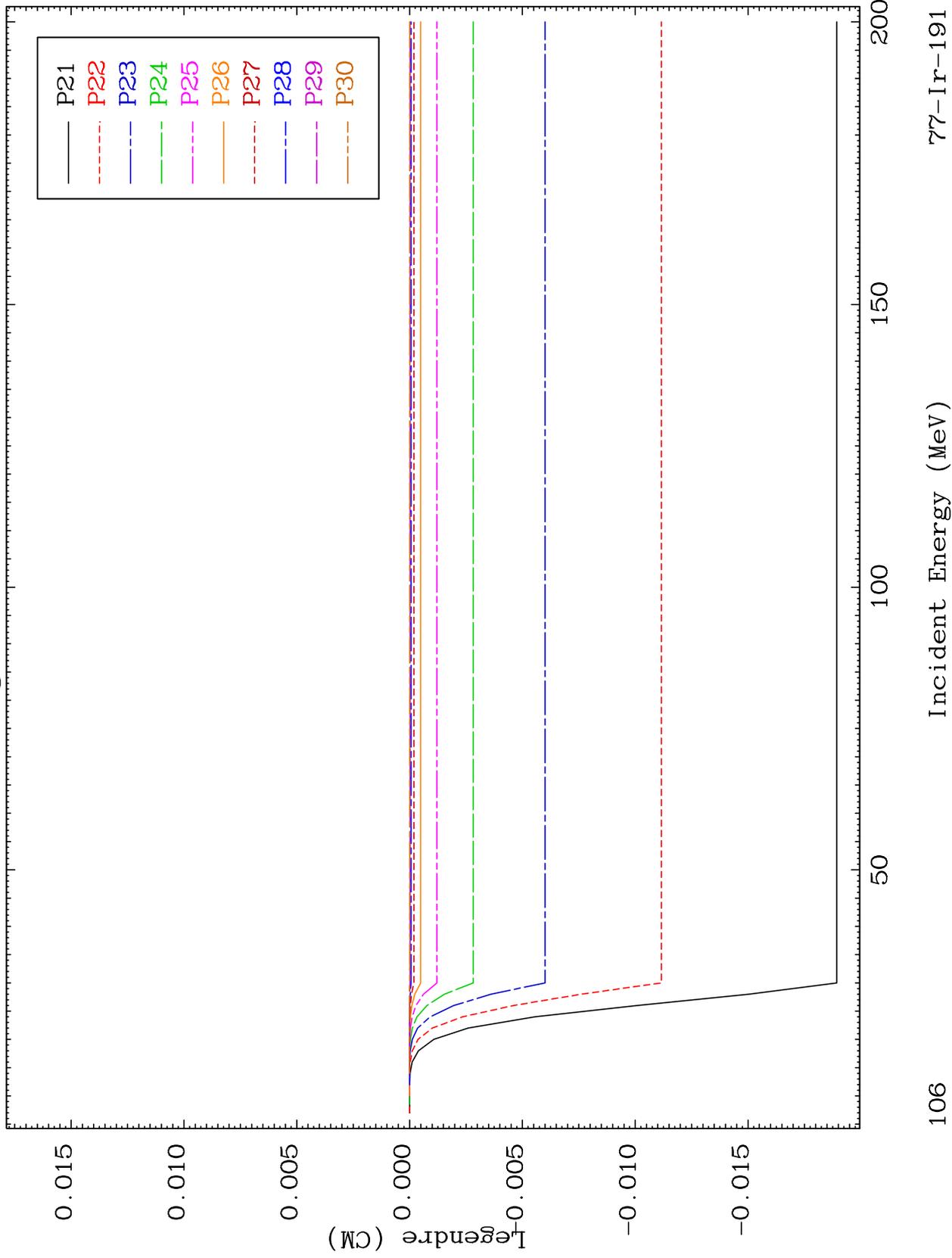




MAT 7725

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

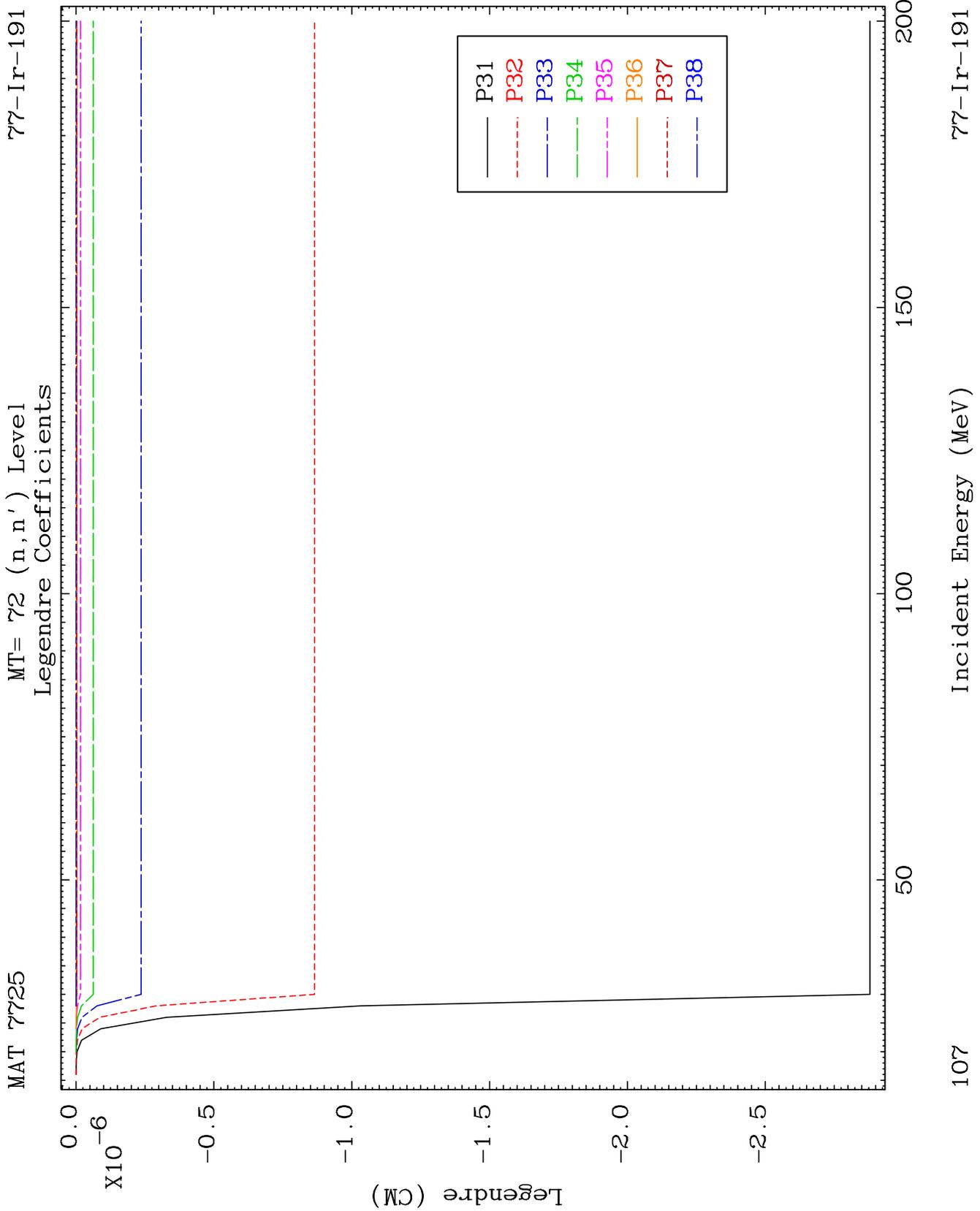
77-Ir-191



106

Incident Energy (MeV)

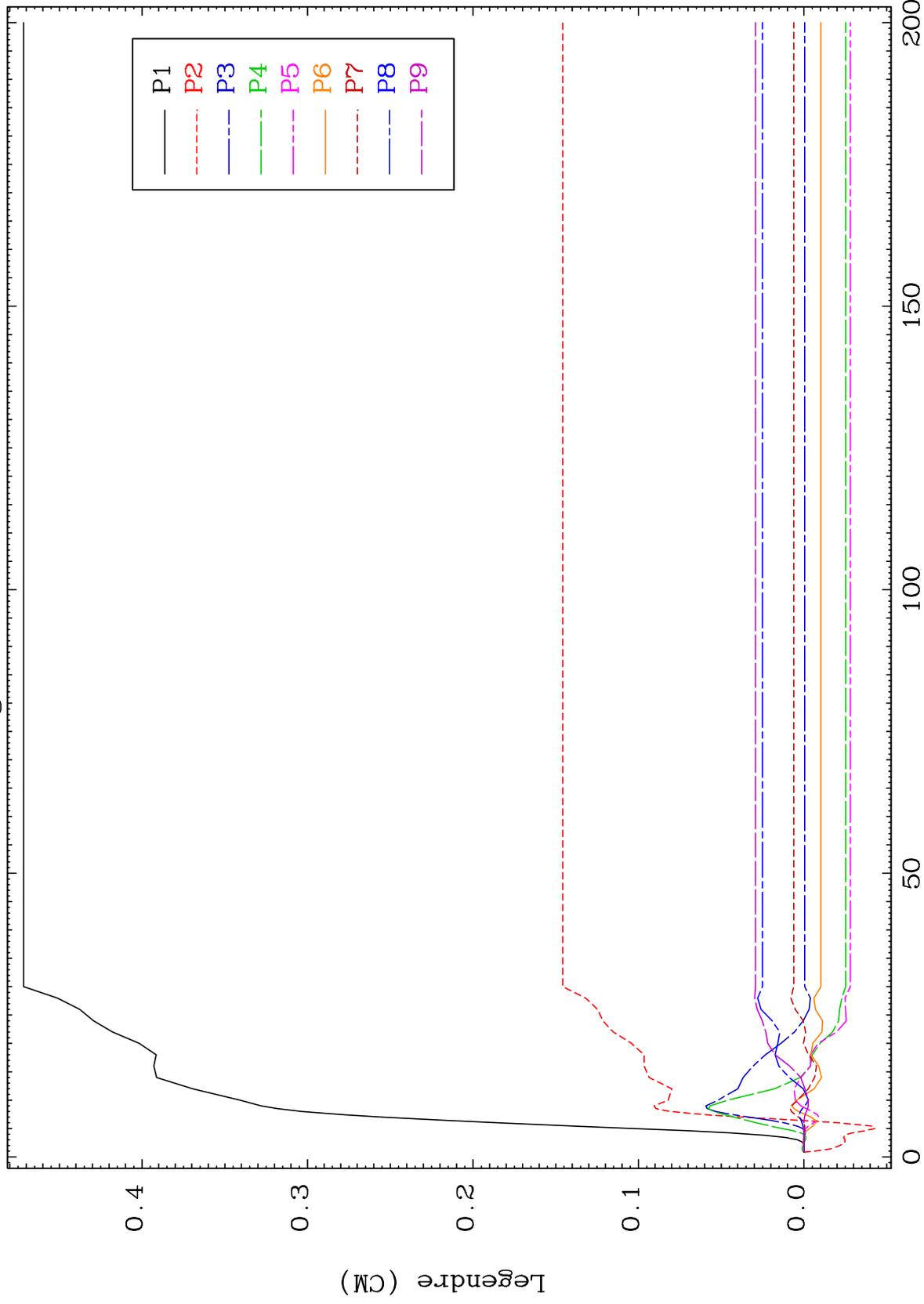
77-Ir-191



MAT 7725

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

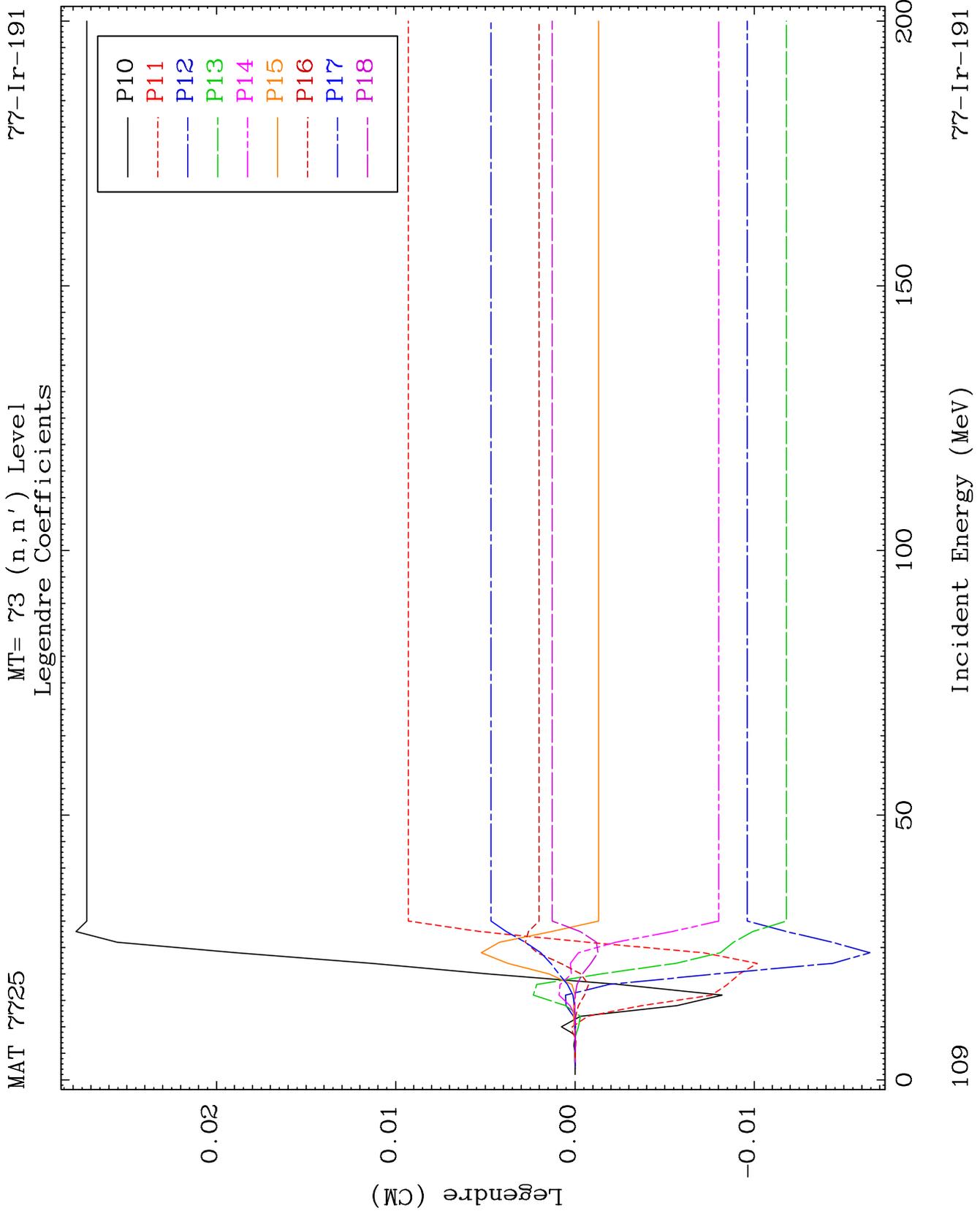
77-Ir-191



77-Ir-191

Incident Energy (MeV)

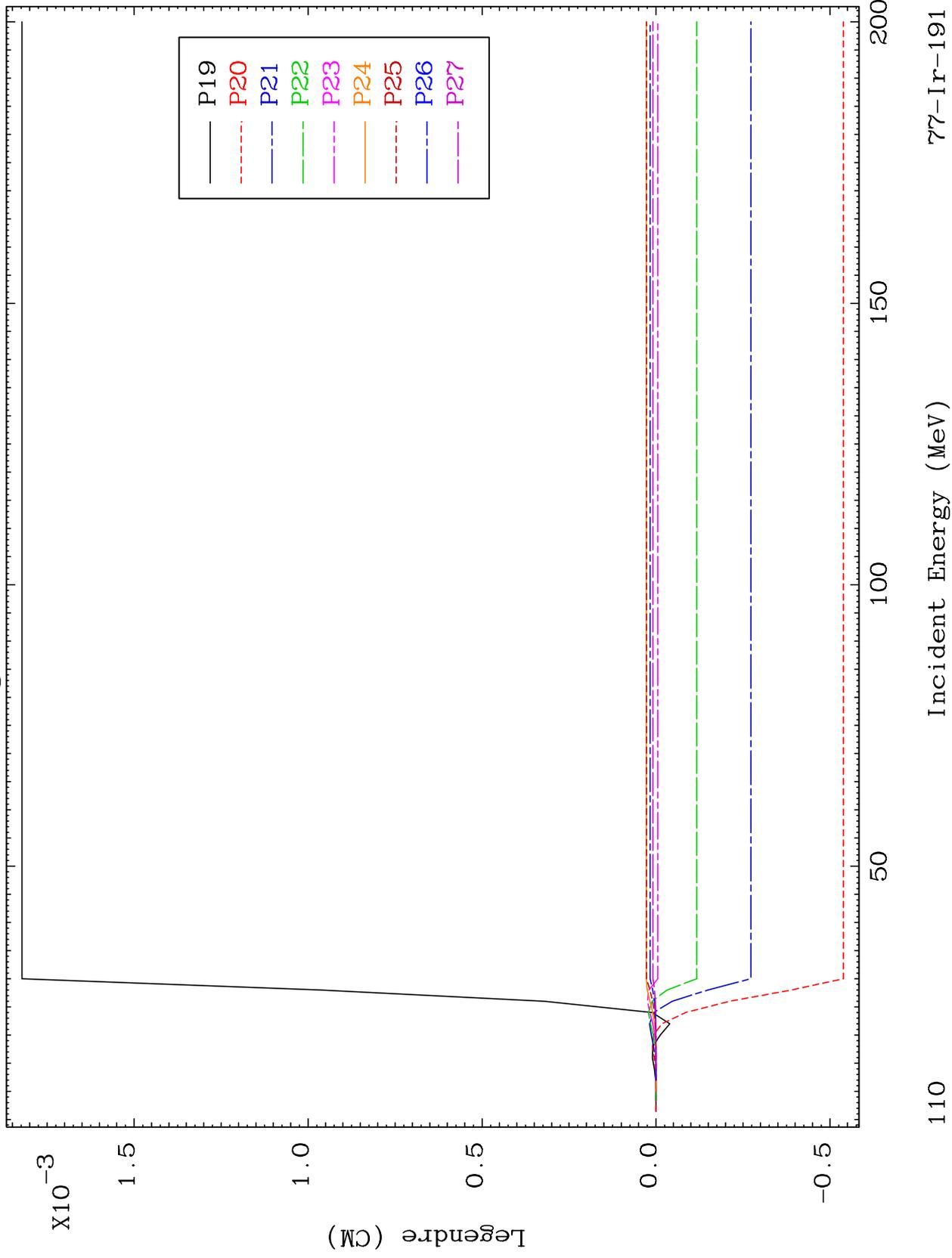
108



MAT 7725

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

77-Ir-191

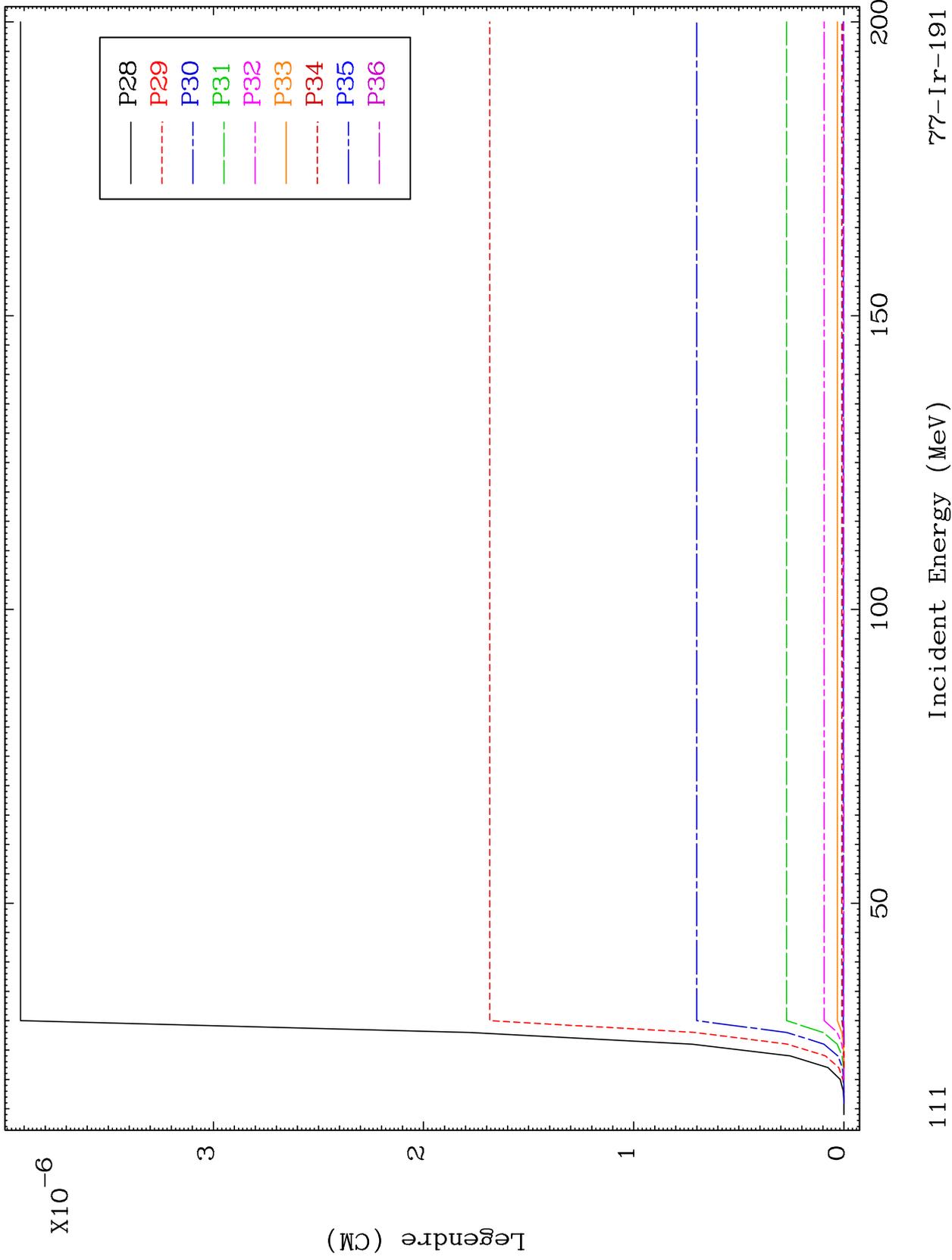


110

MAT 7725

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

77-Ir-191

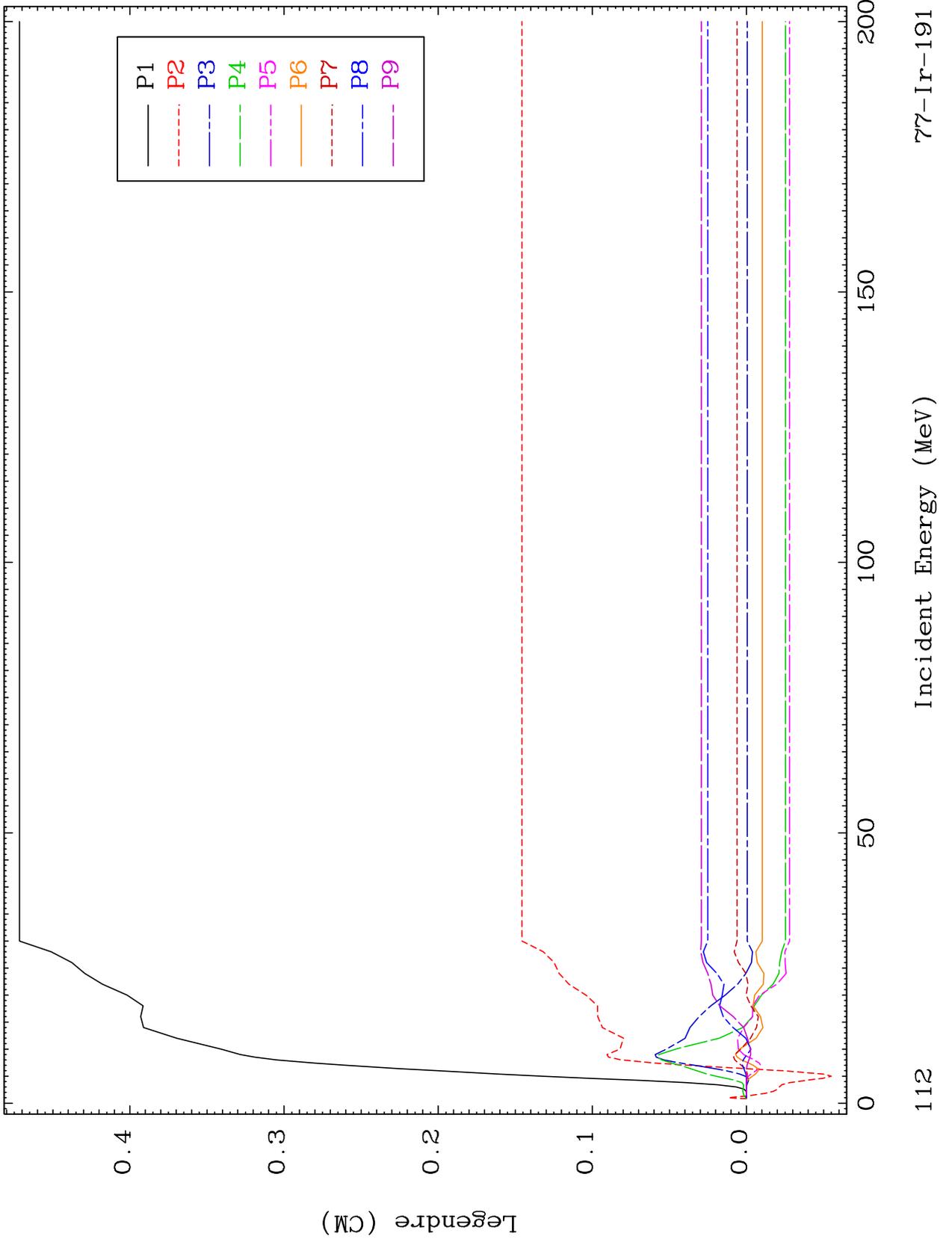


111

MAT 7725

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

77-Ir-191



77-Ir-191

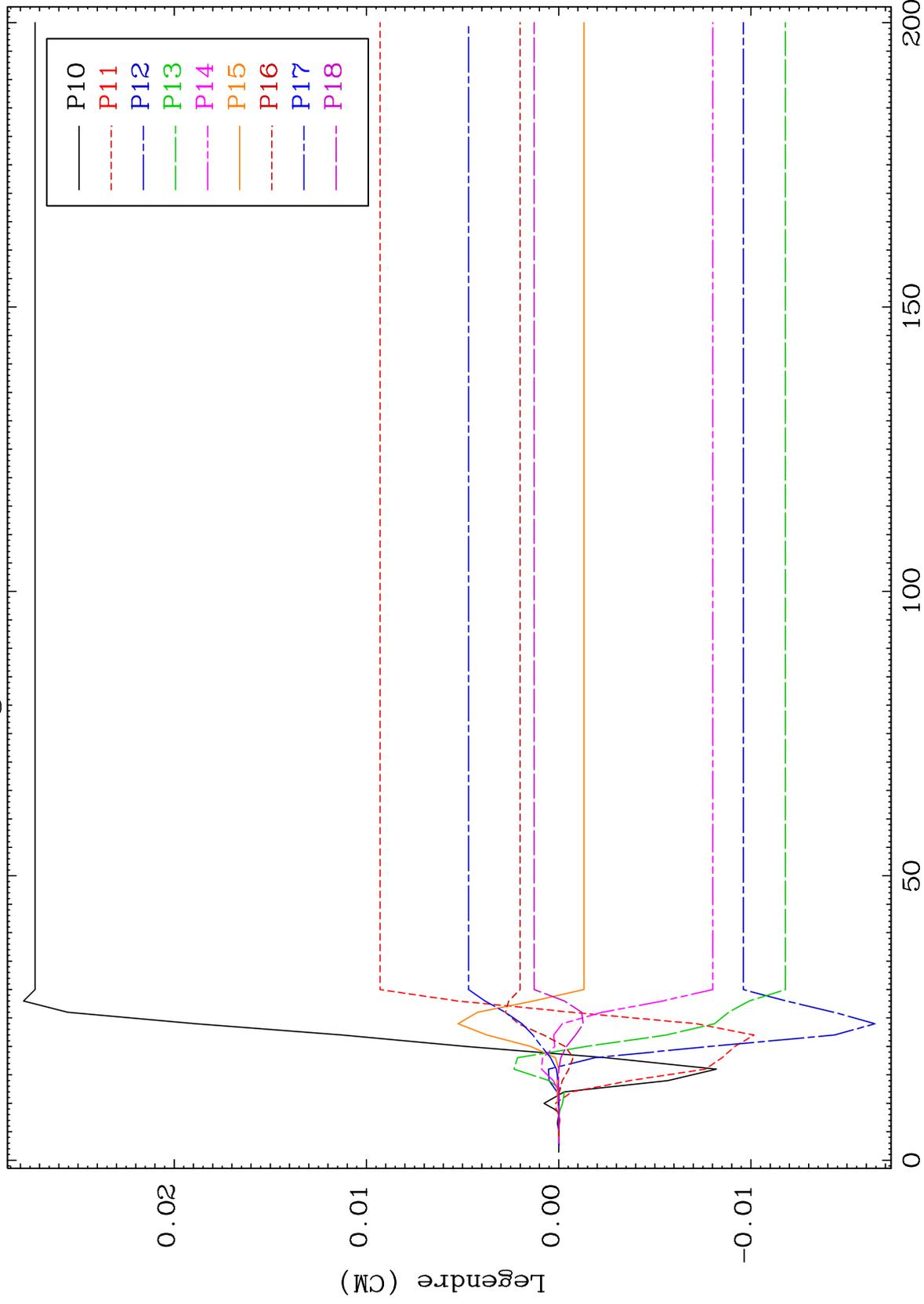
Incident Energy (MeV)

112

MAT 7725

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

77-Ir-191



113

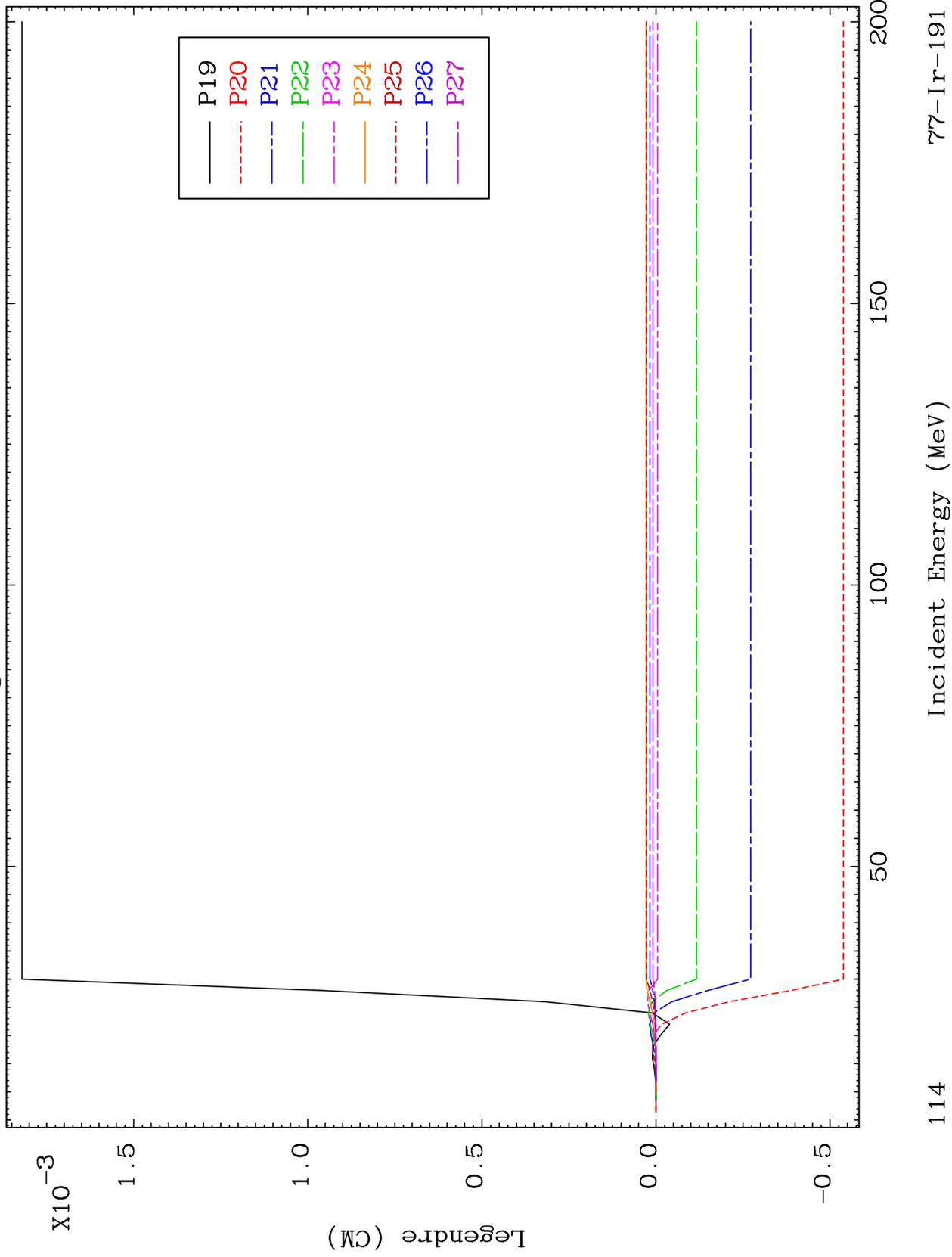
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



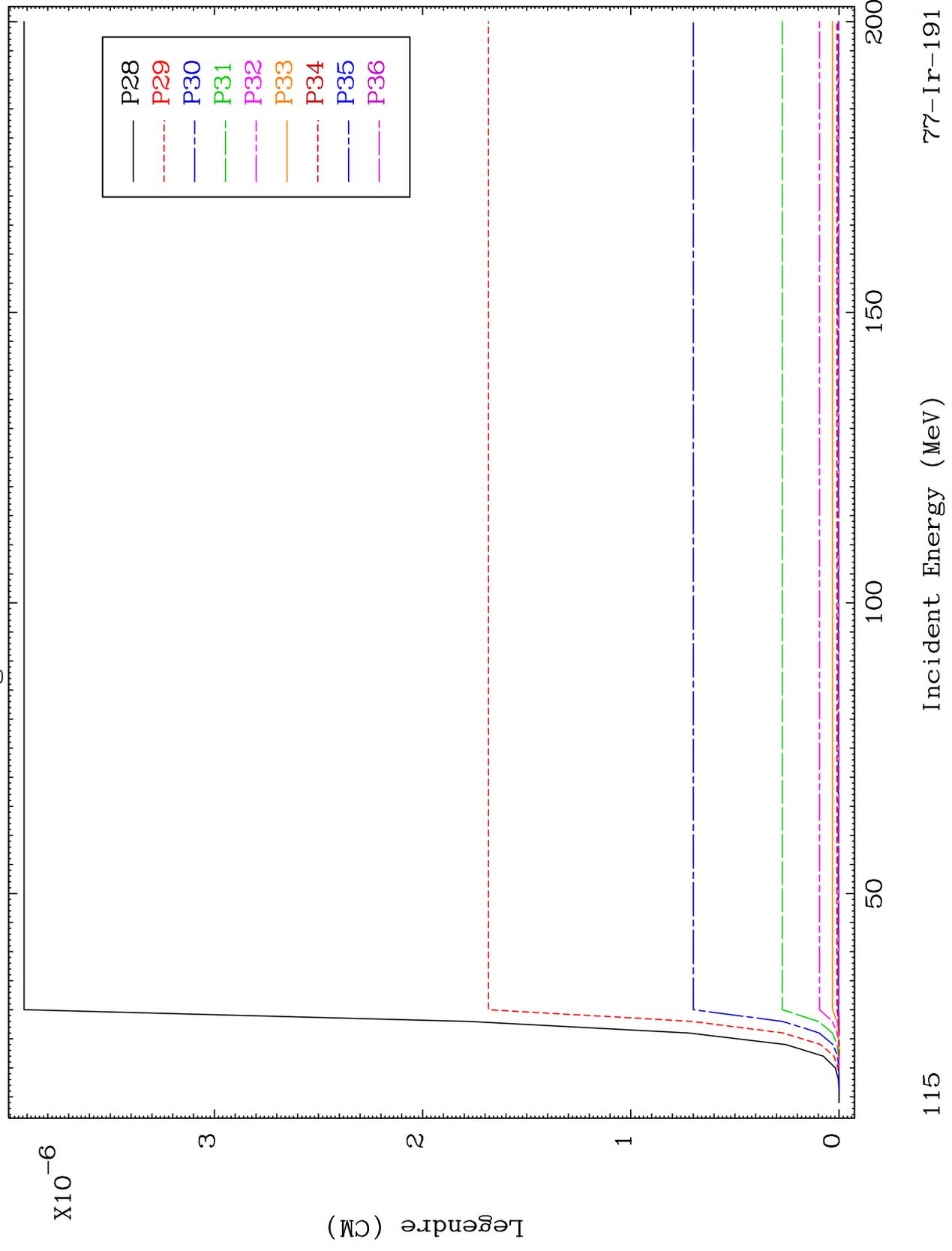
114

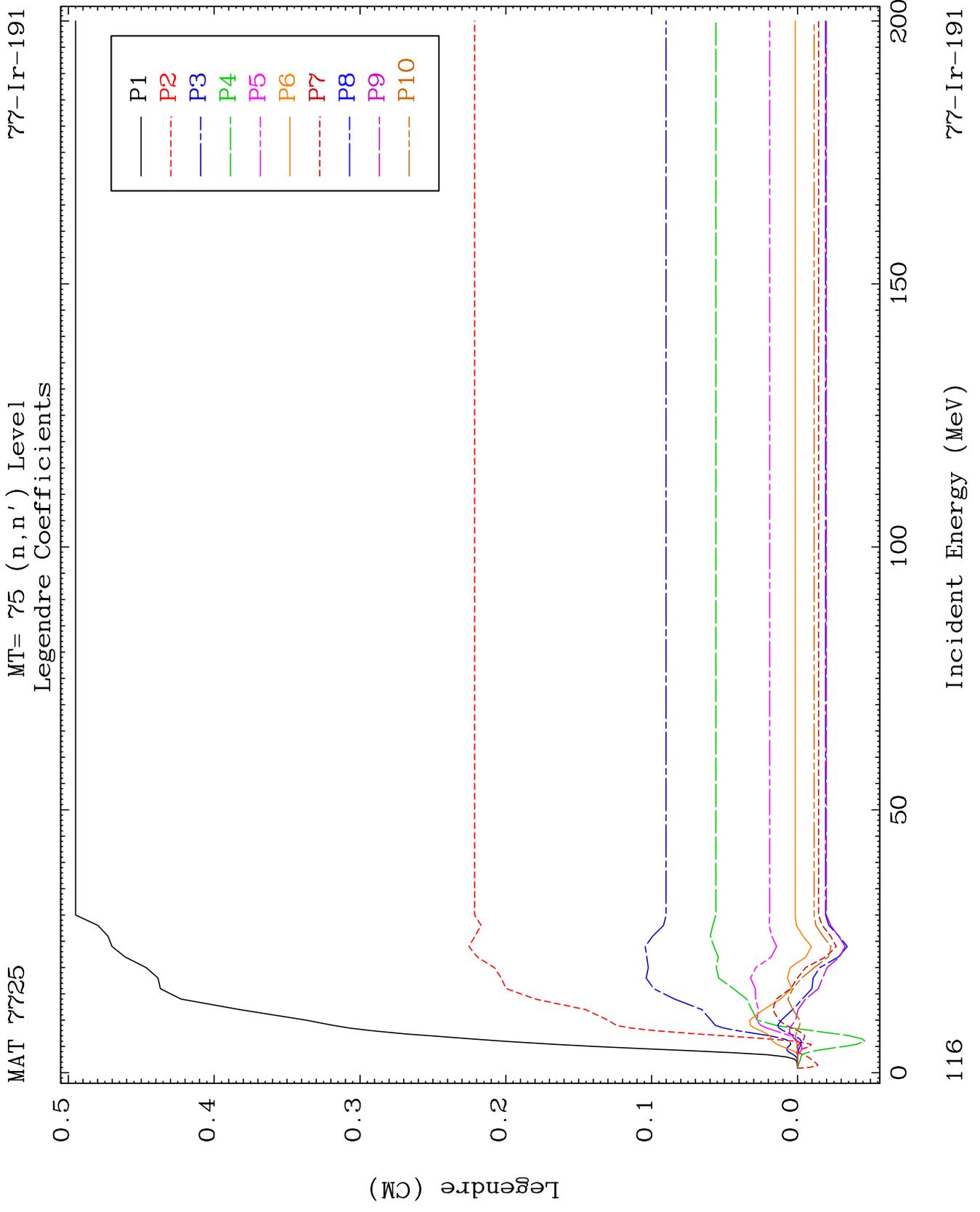
77-Ir-191

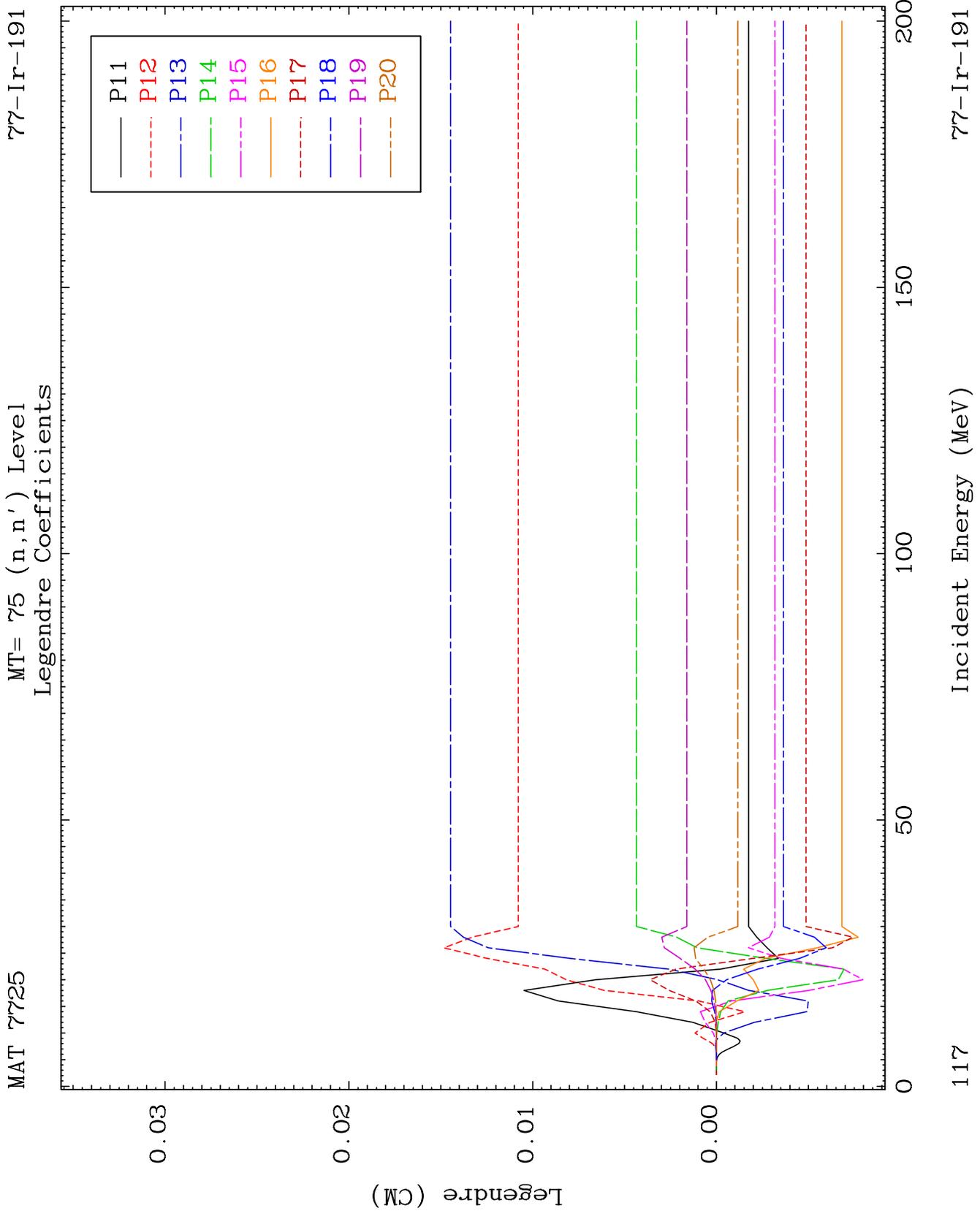
MAT 7725

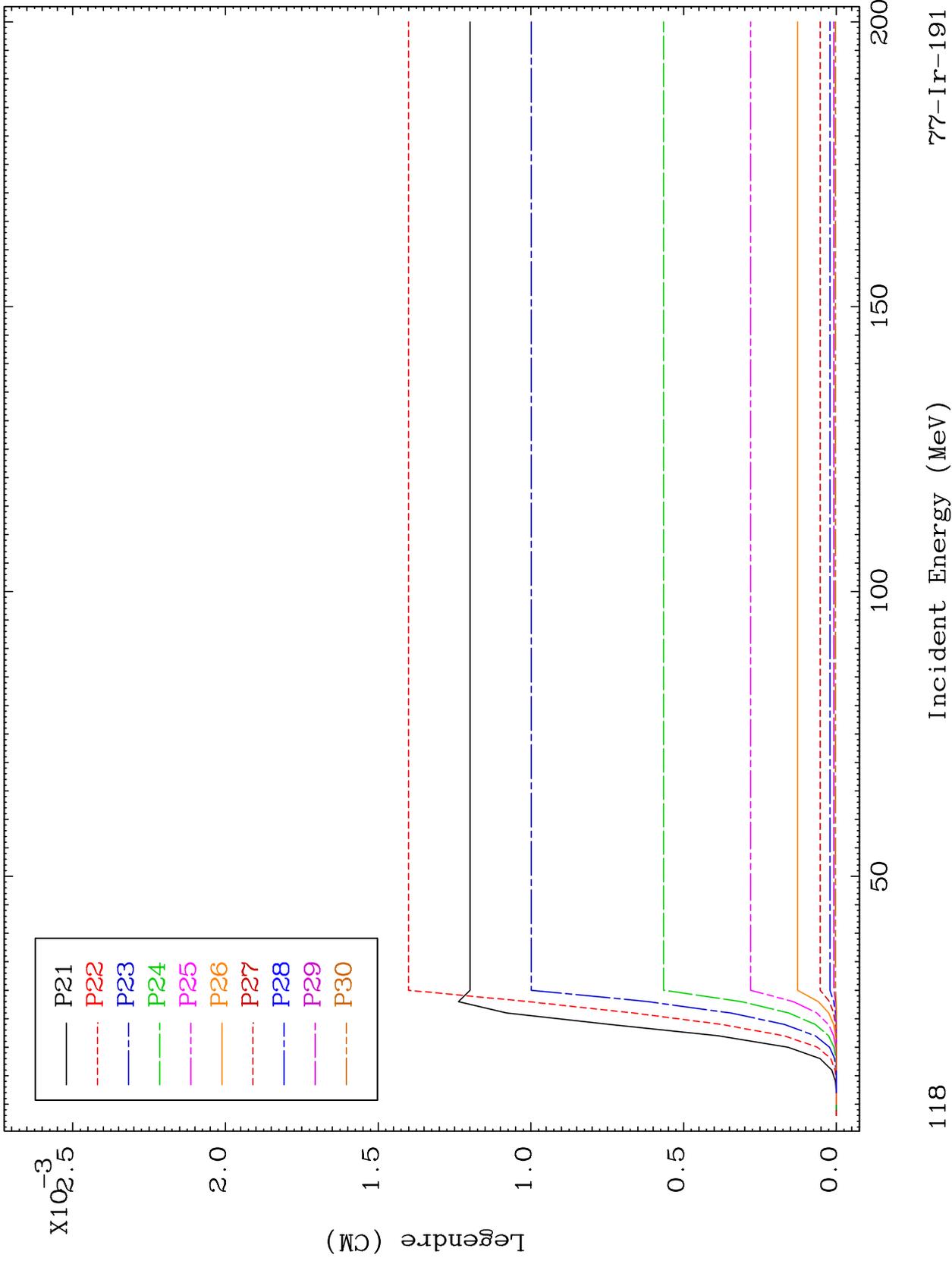
MT= 74 (n,n') Level
Legendre Coefficients

77-Ir-191





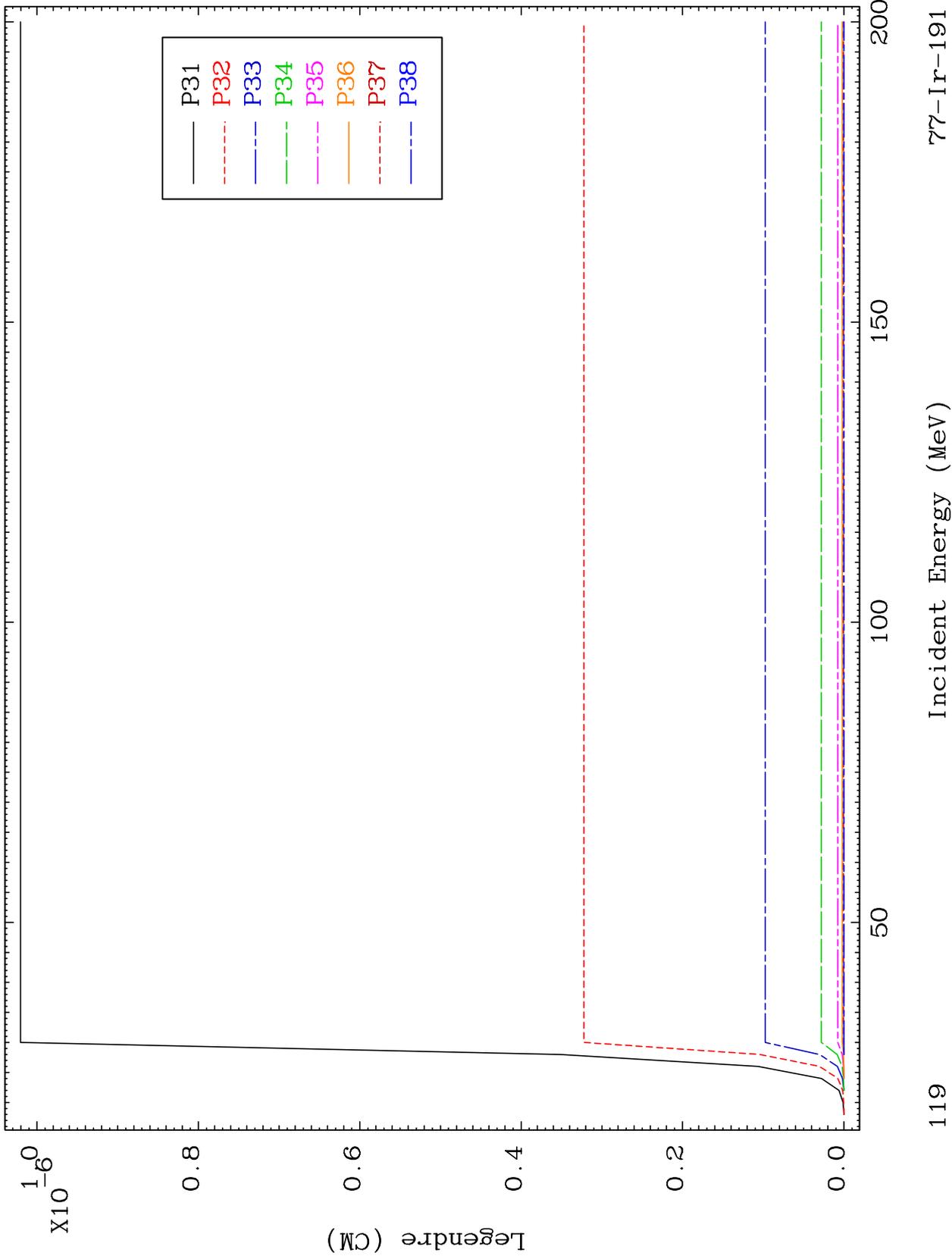


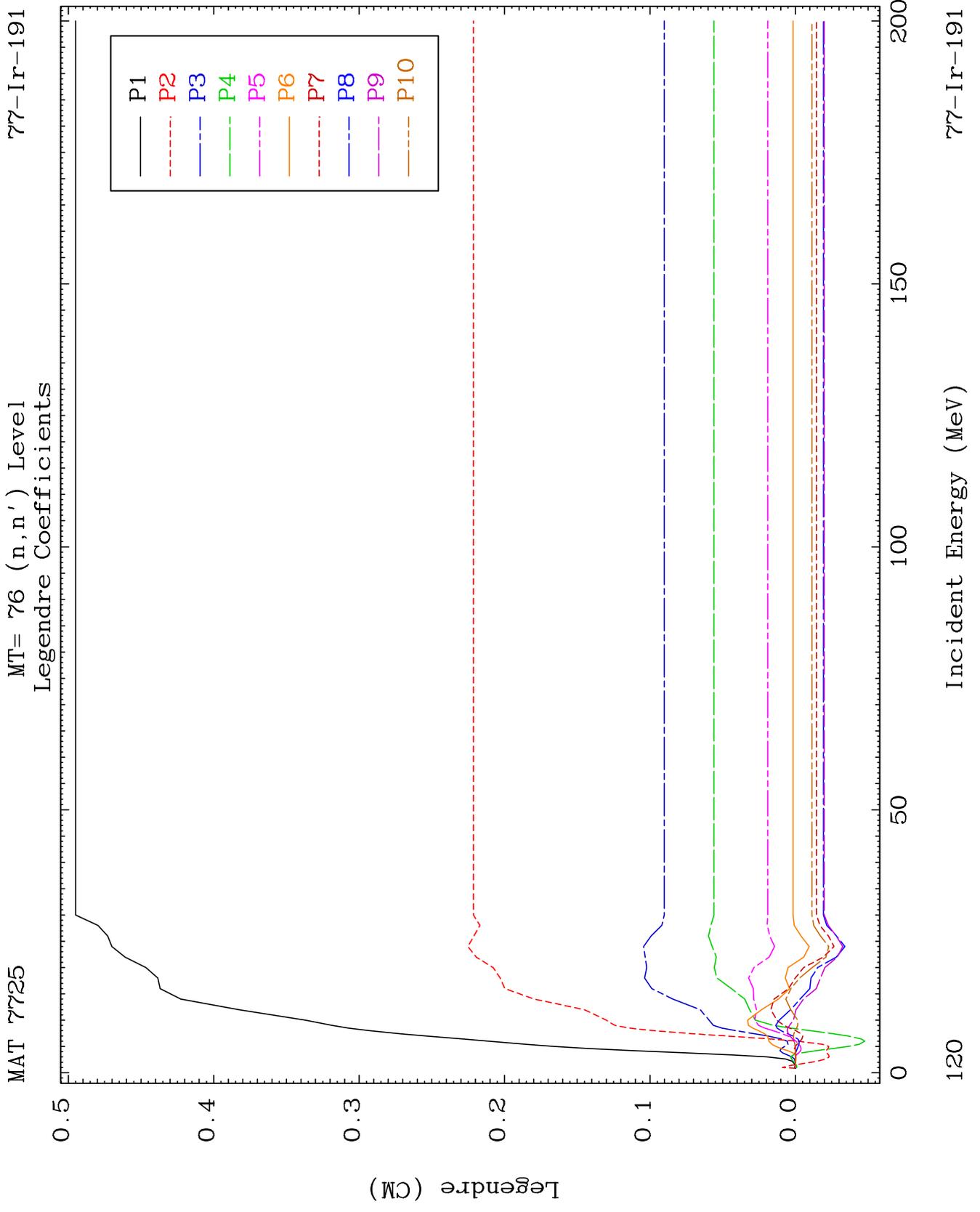


MAT 7725

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

77-Ir-191

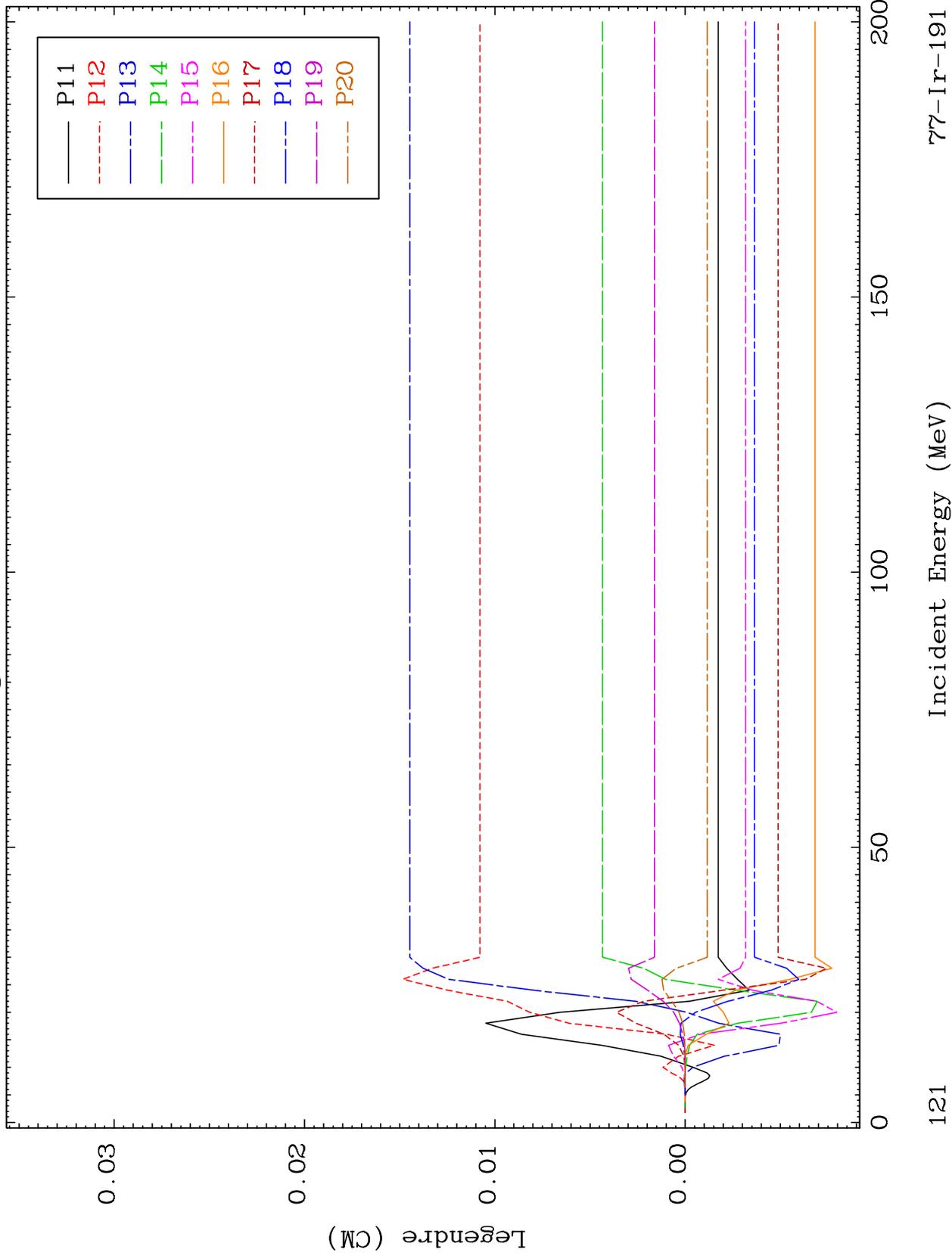




MAT 7725

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

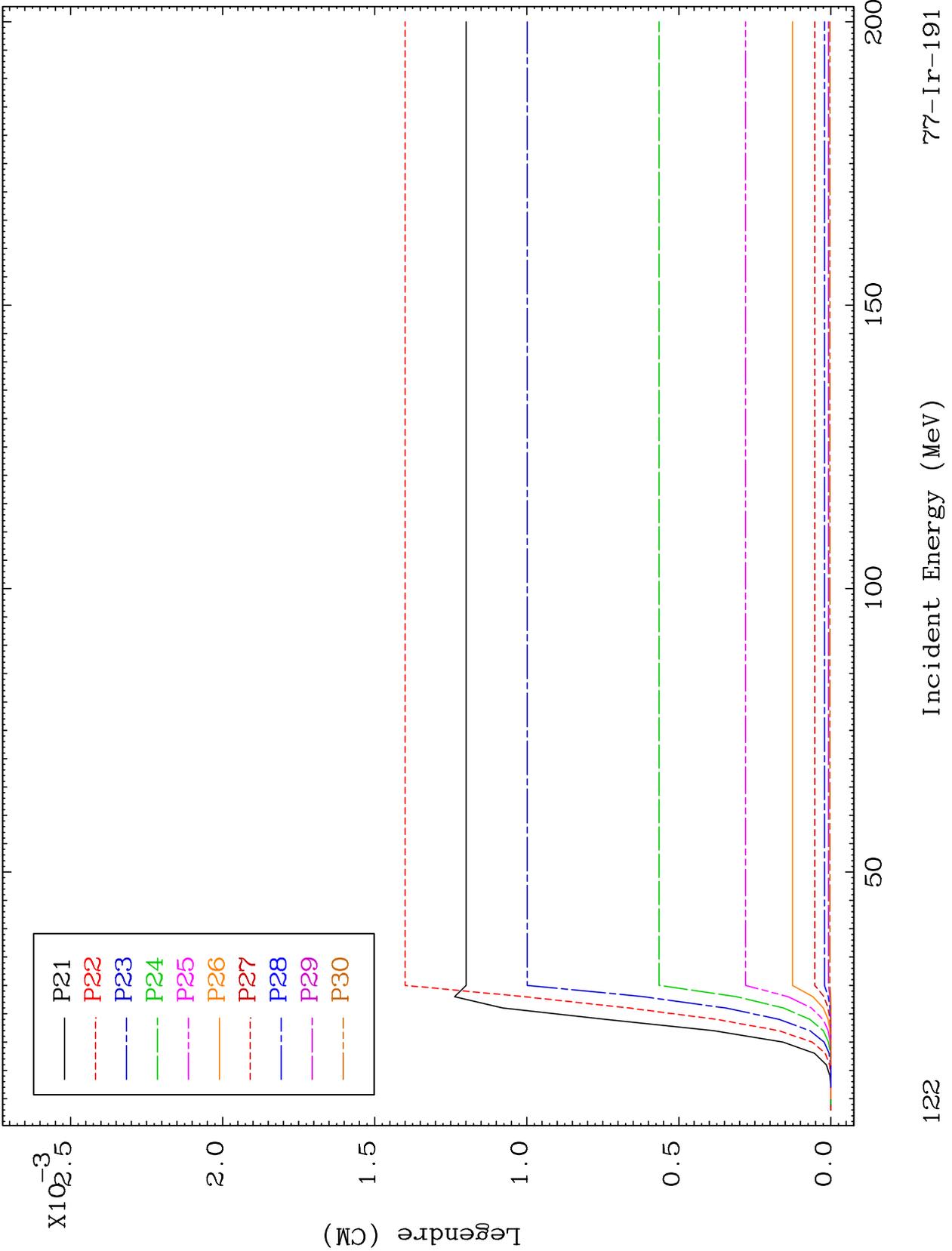
77-Ir-191



77-Ir-191

Incident Energy (MeV)

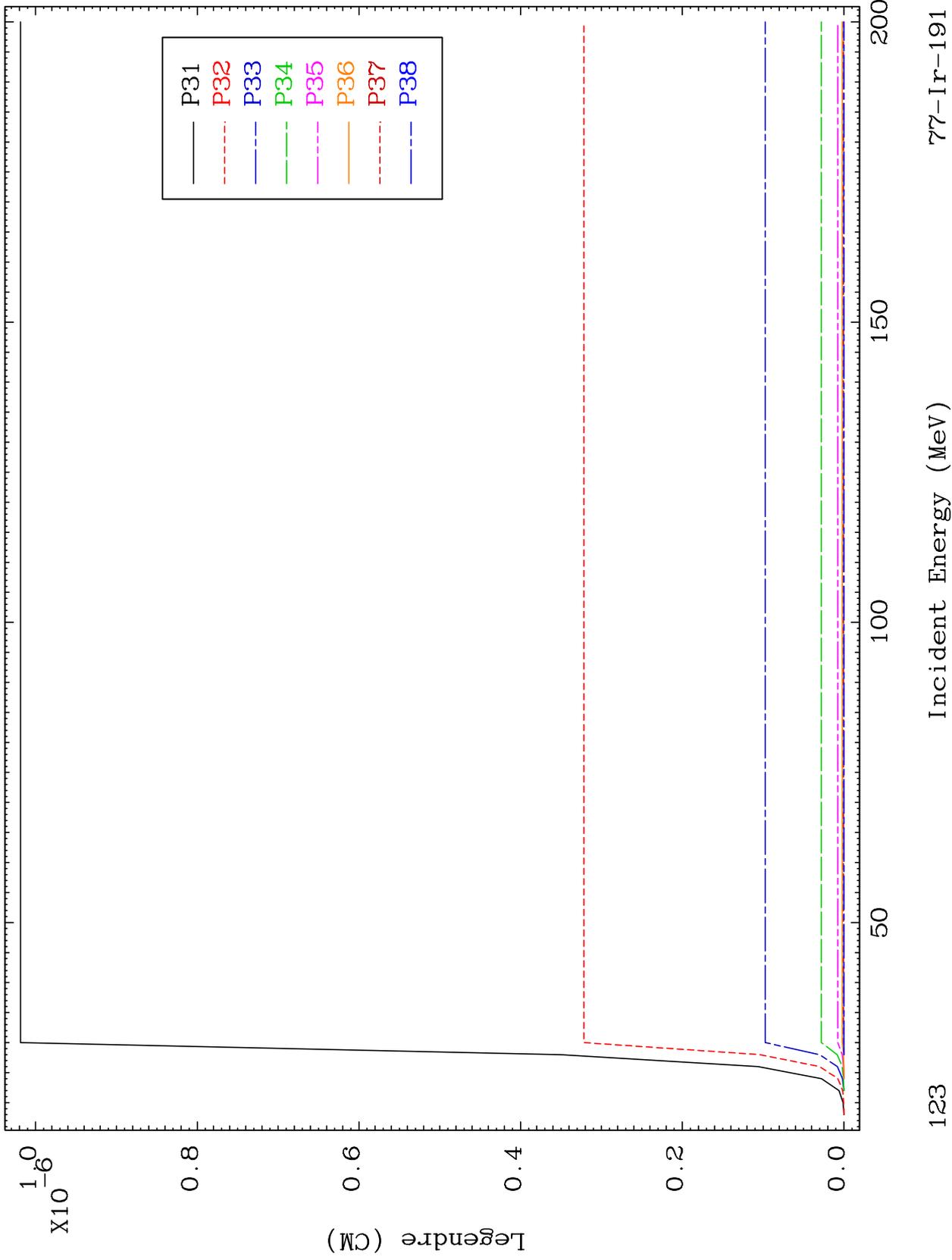
121



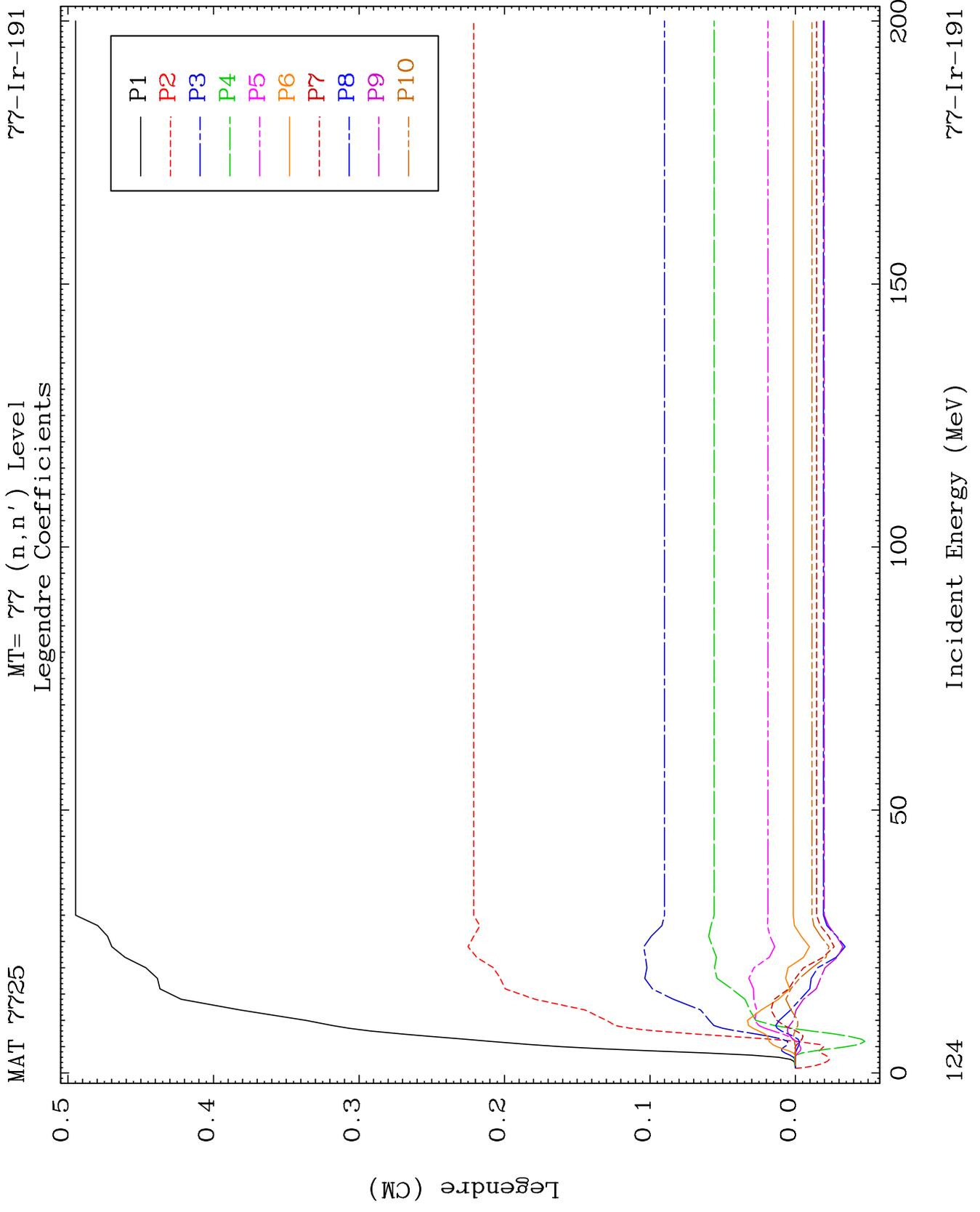
MAT 7725

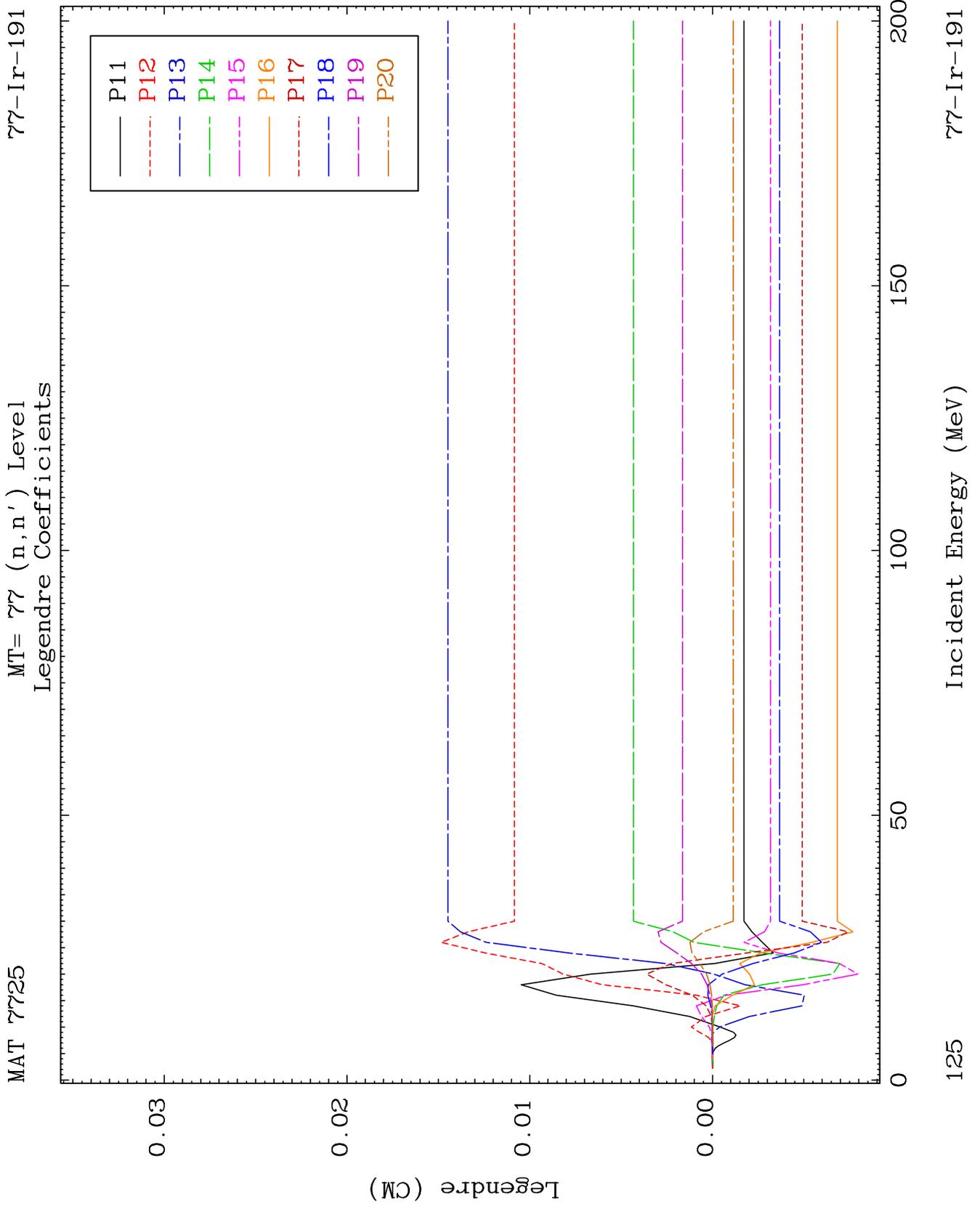
MT= 76 (n,n') Level
Legendre Coefficients

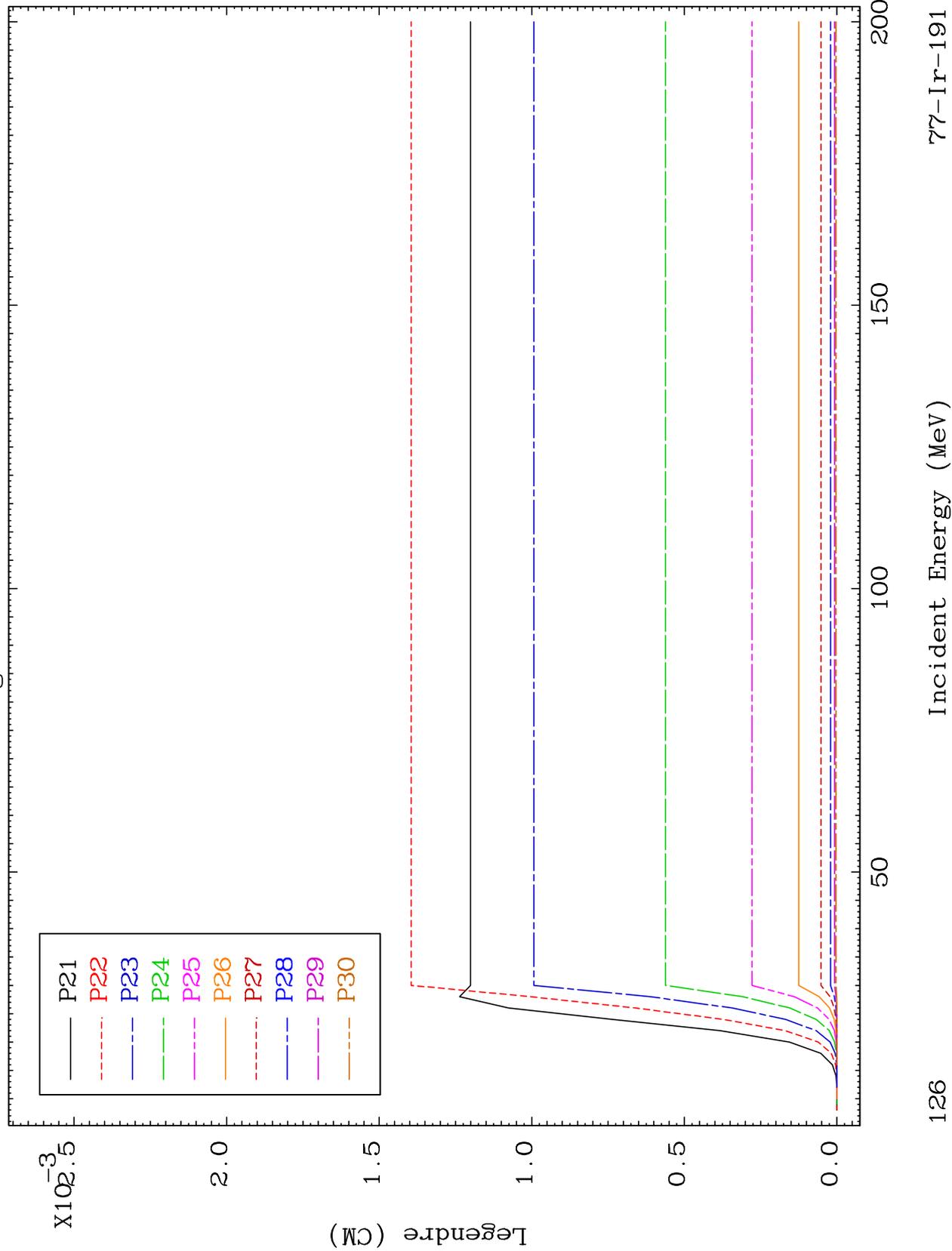
77-Ir-191



123



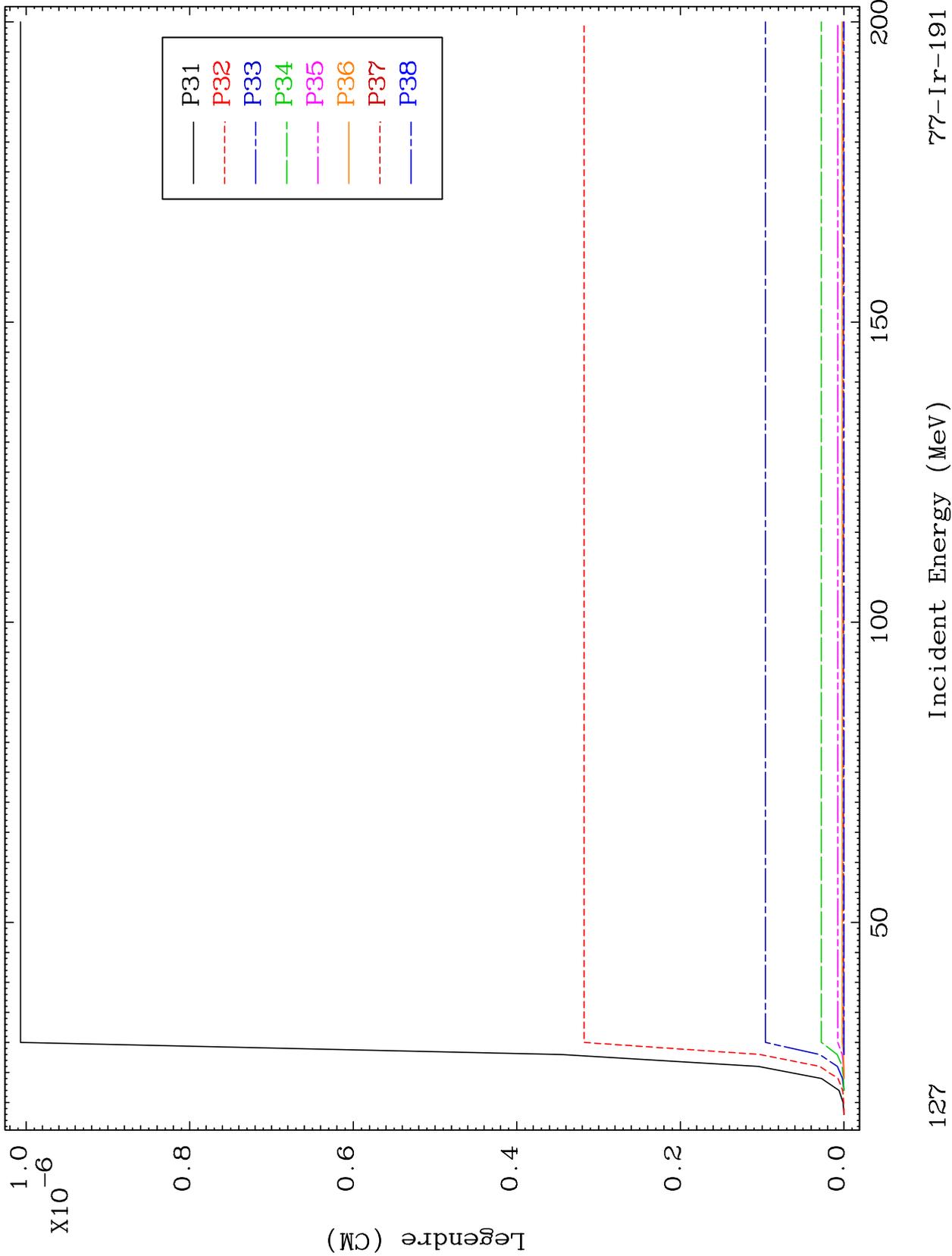




MAT 7725

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

77-Ir-191



127

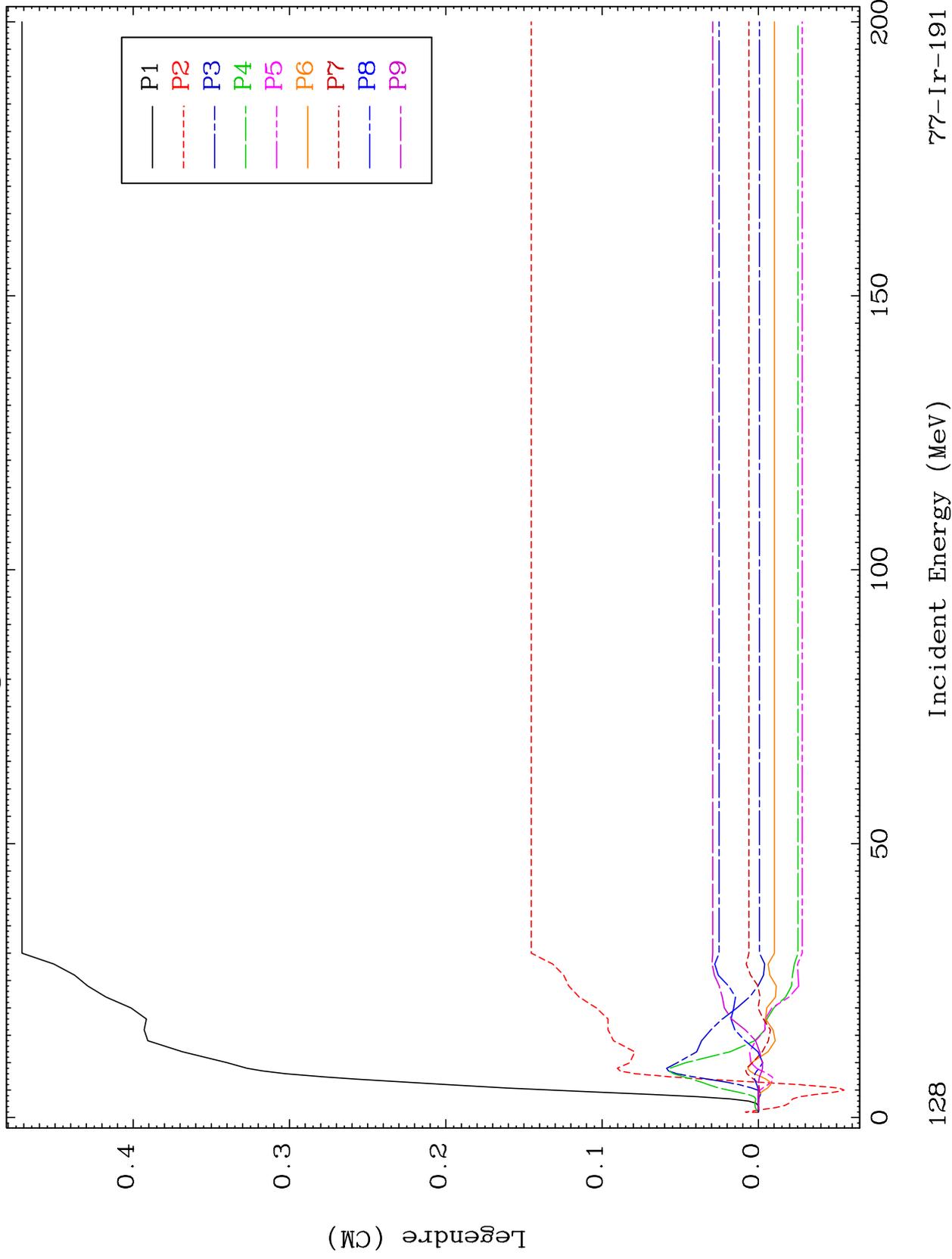
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



77-Ir-191

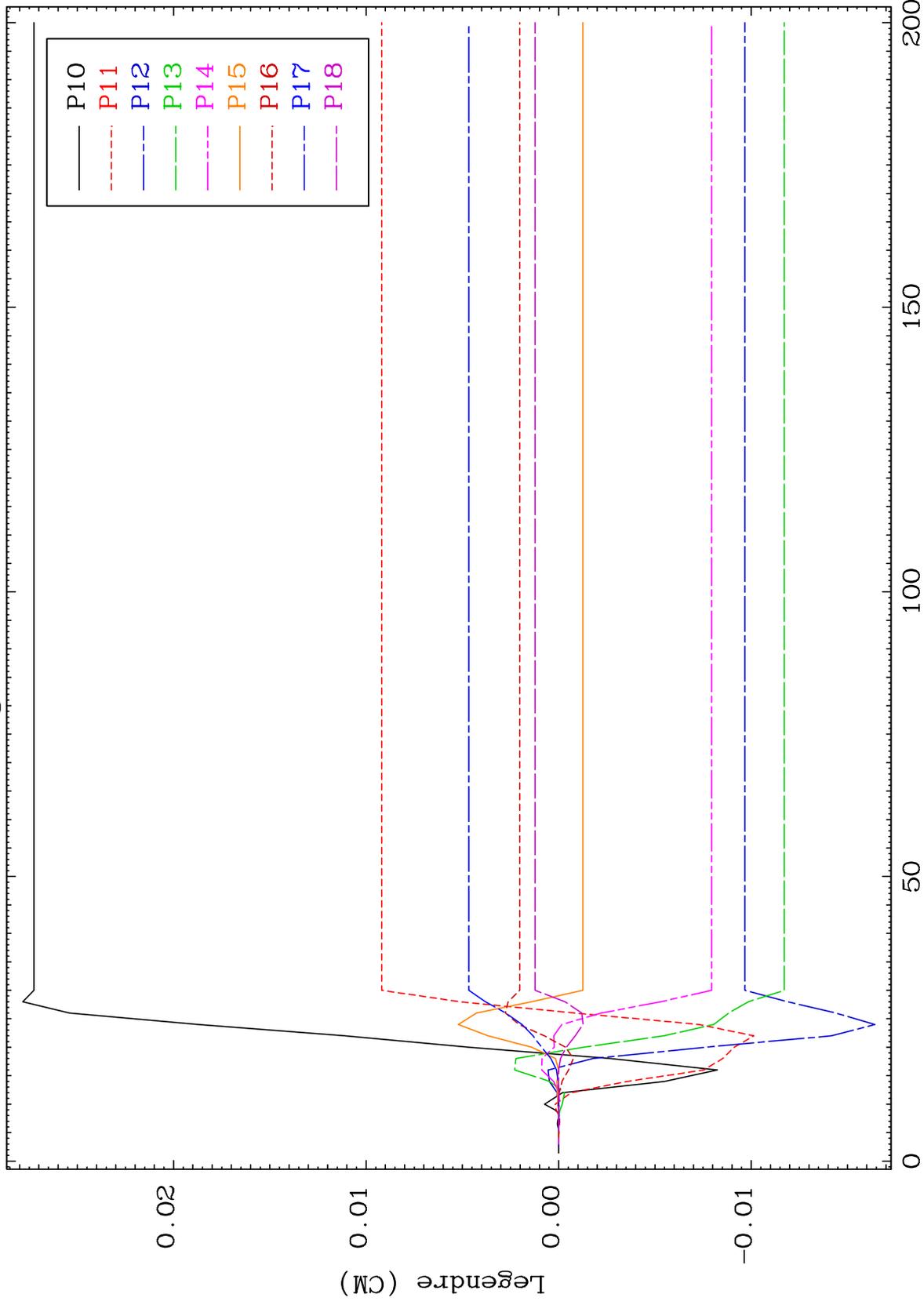
Incident Energy (MeV)

128

MAT 7725

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

77-Ir-191



129

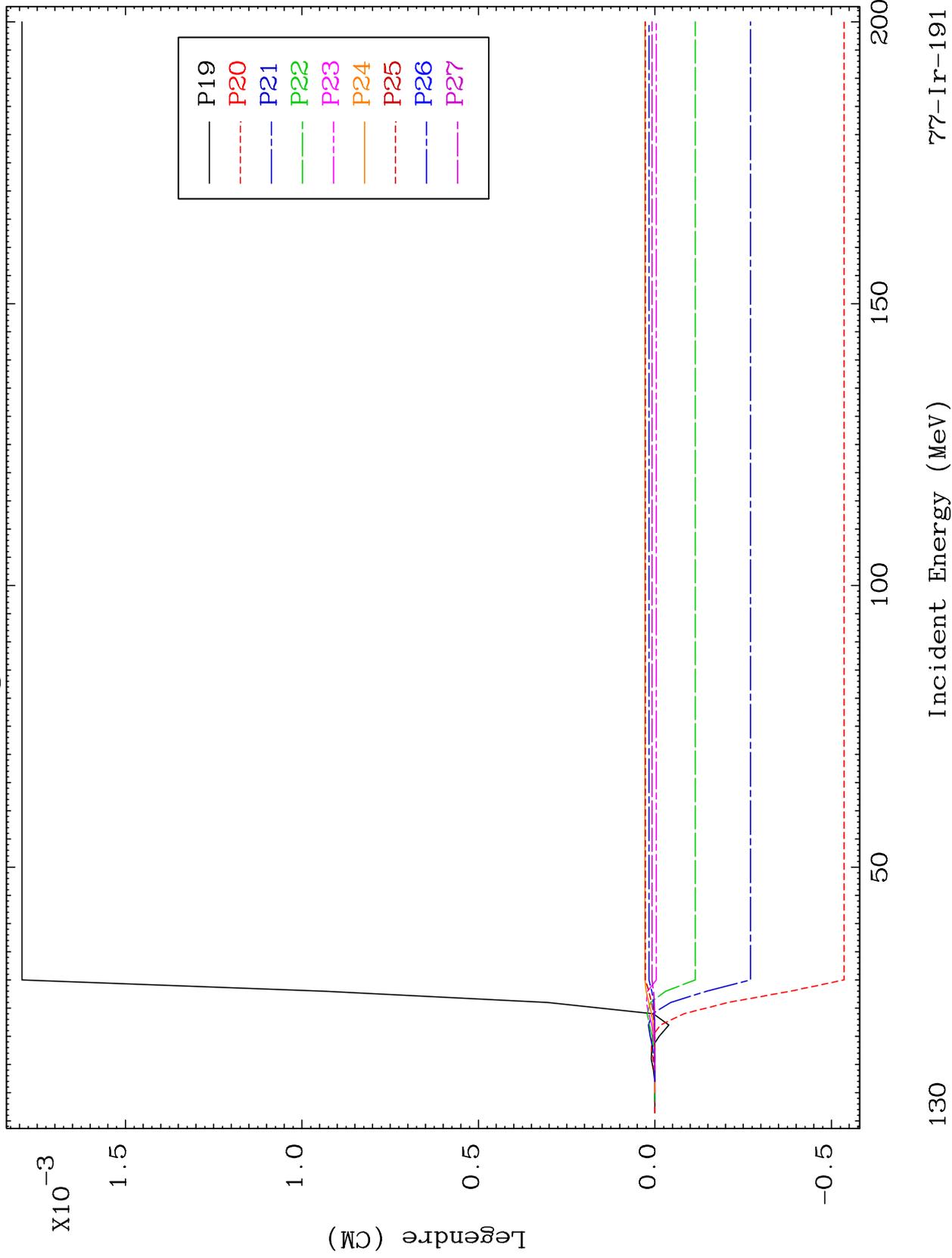
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



130

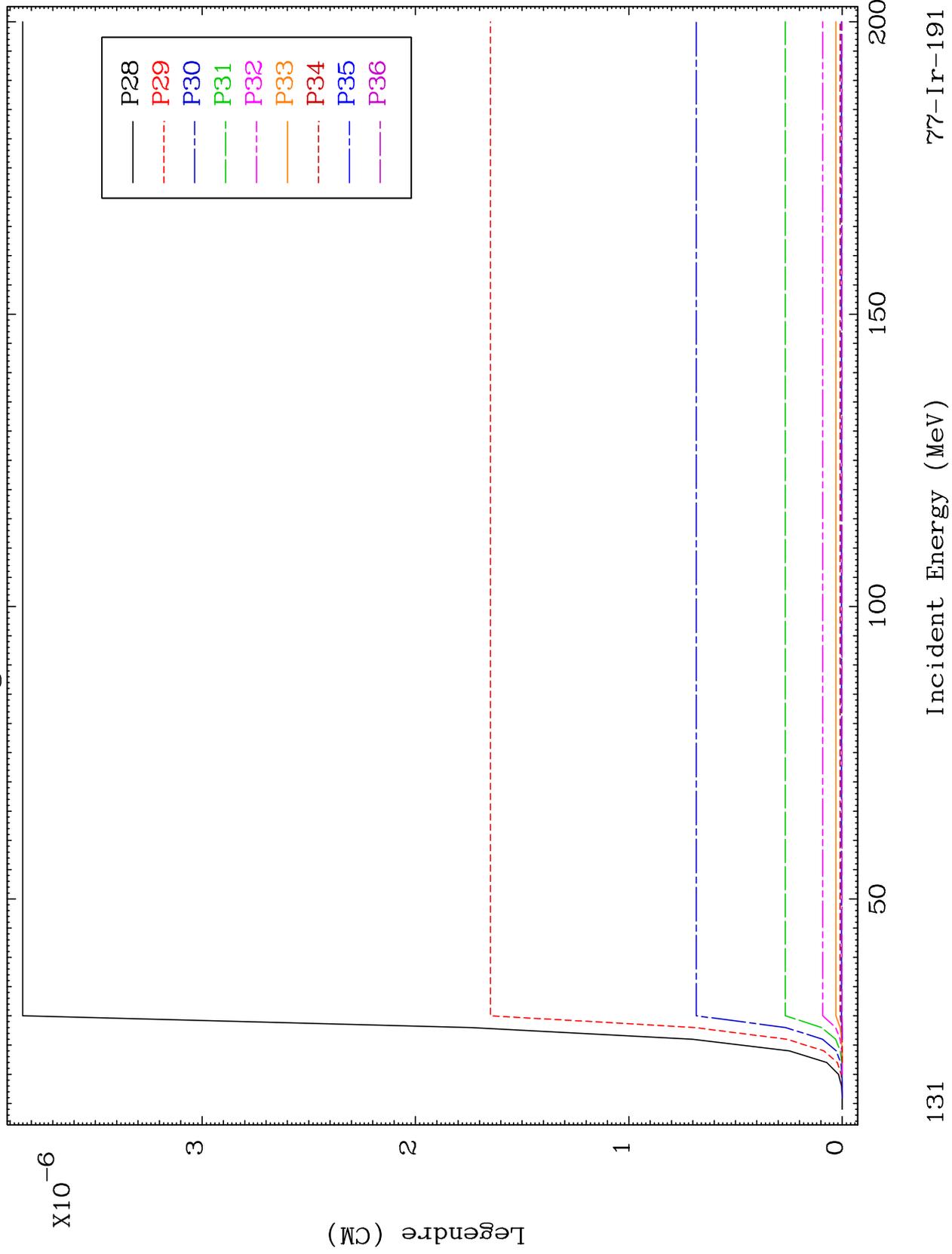
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



131

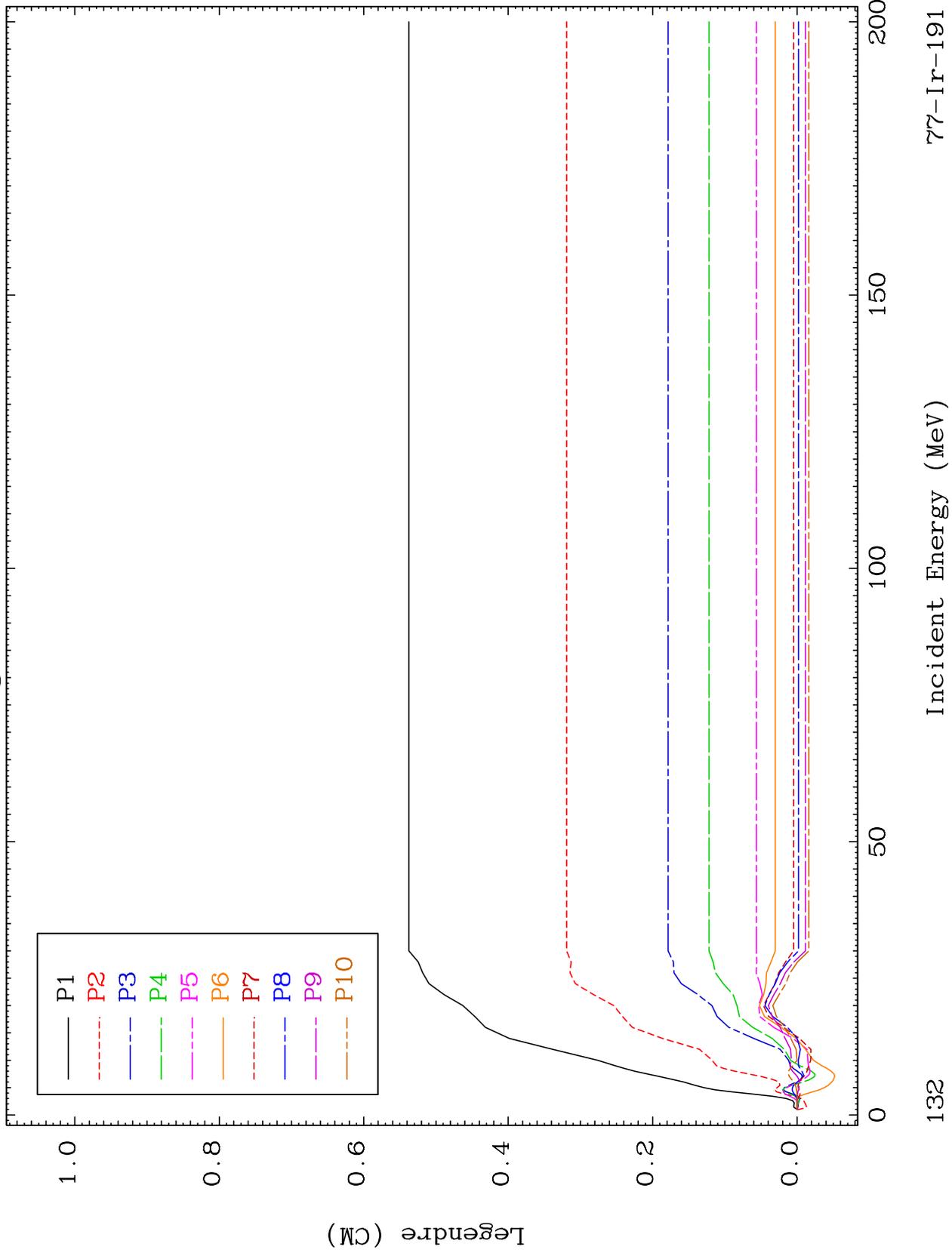
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



132

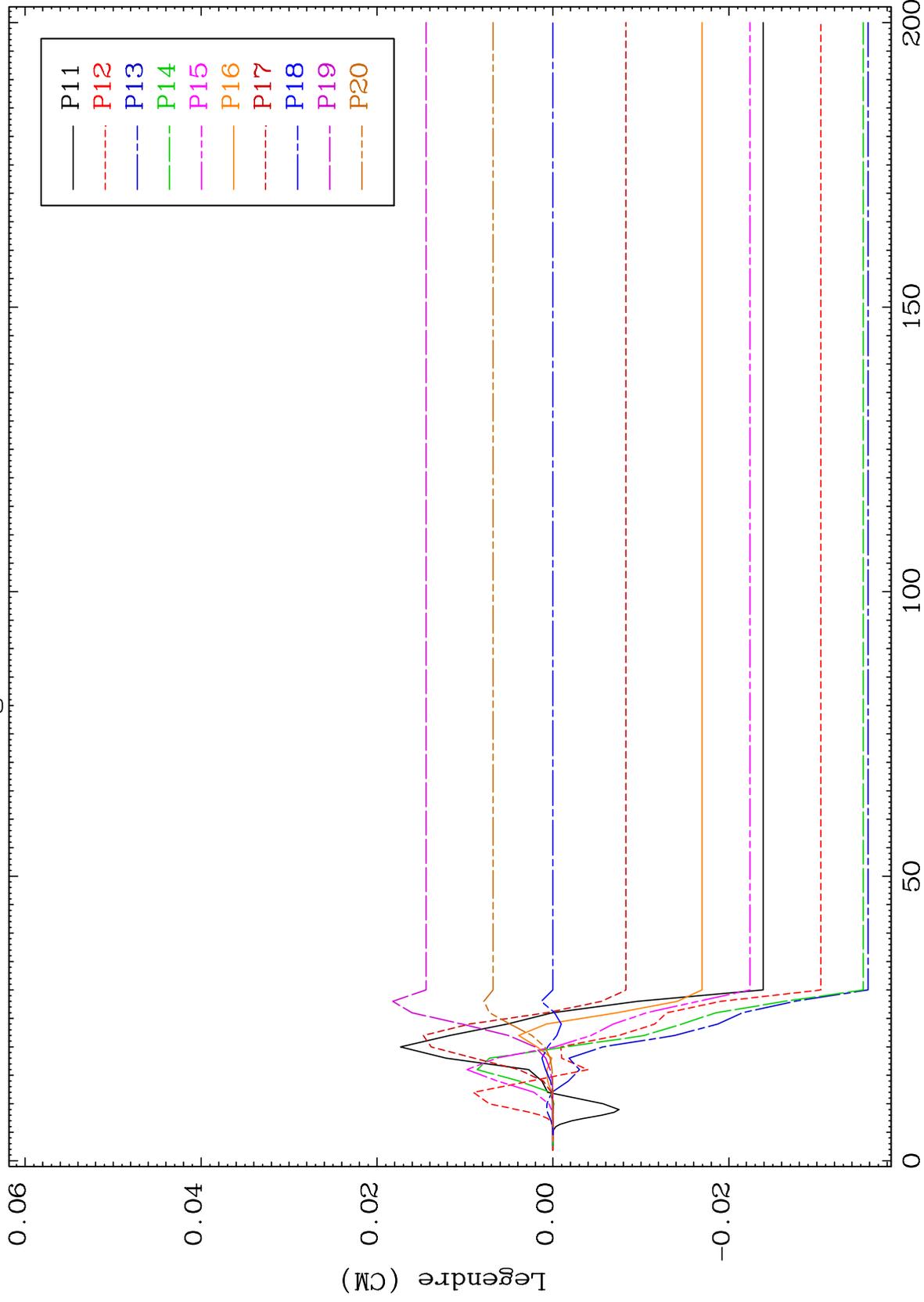
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



133

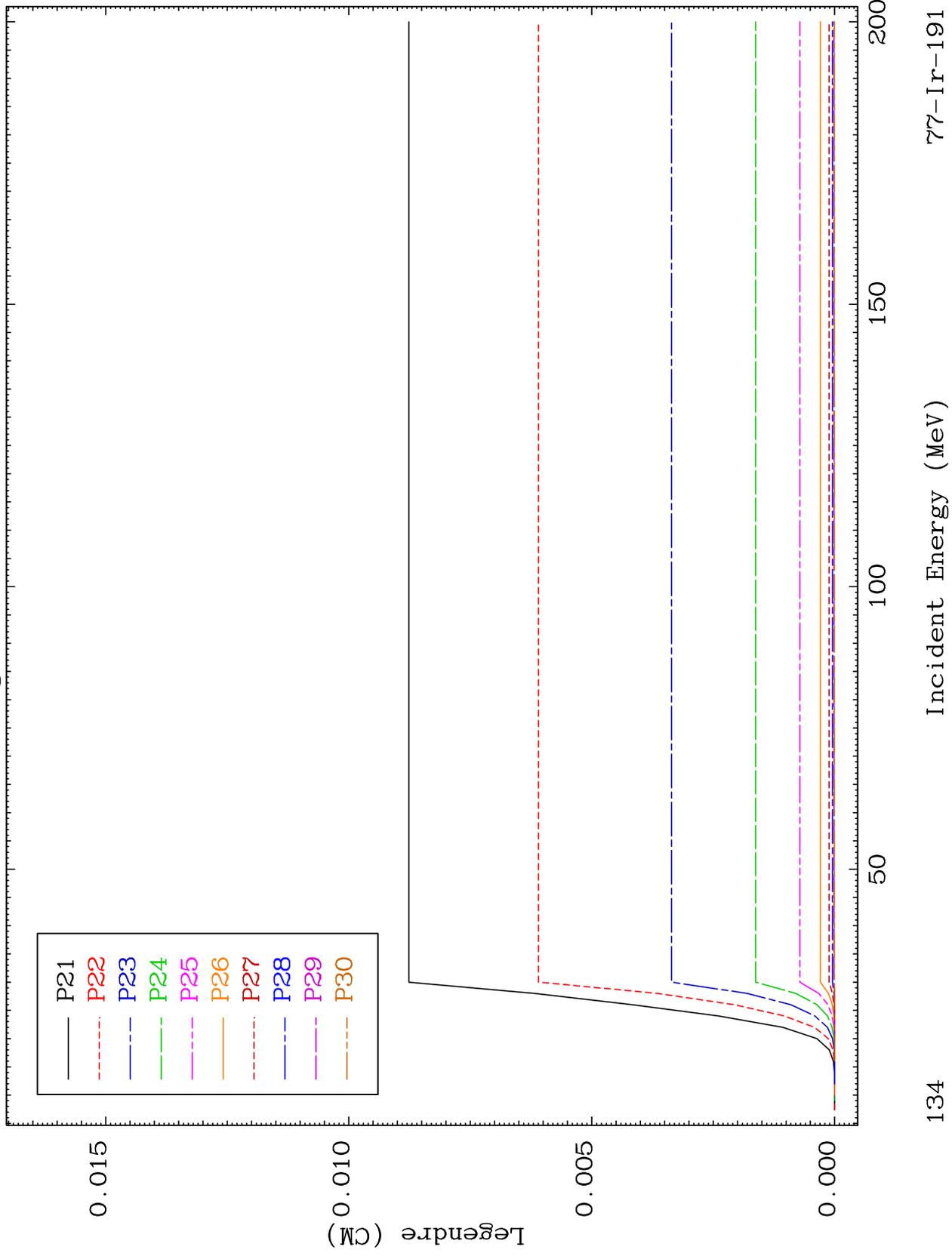
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

77-Ir-191



134

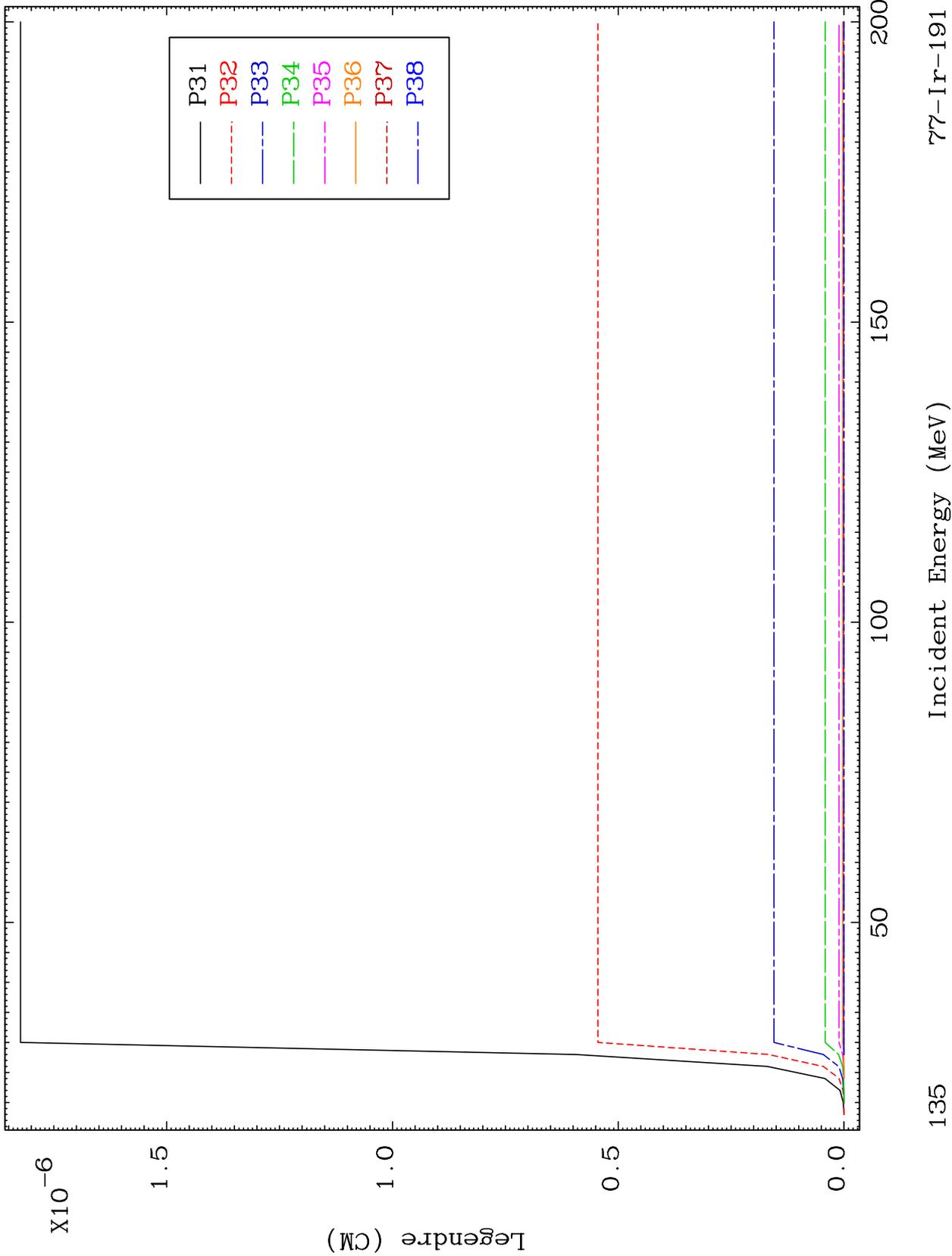
Incident Energy (MeV)

77-Ir-191

MAT 7725

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

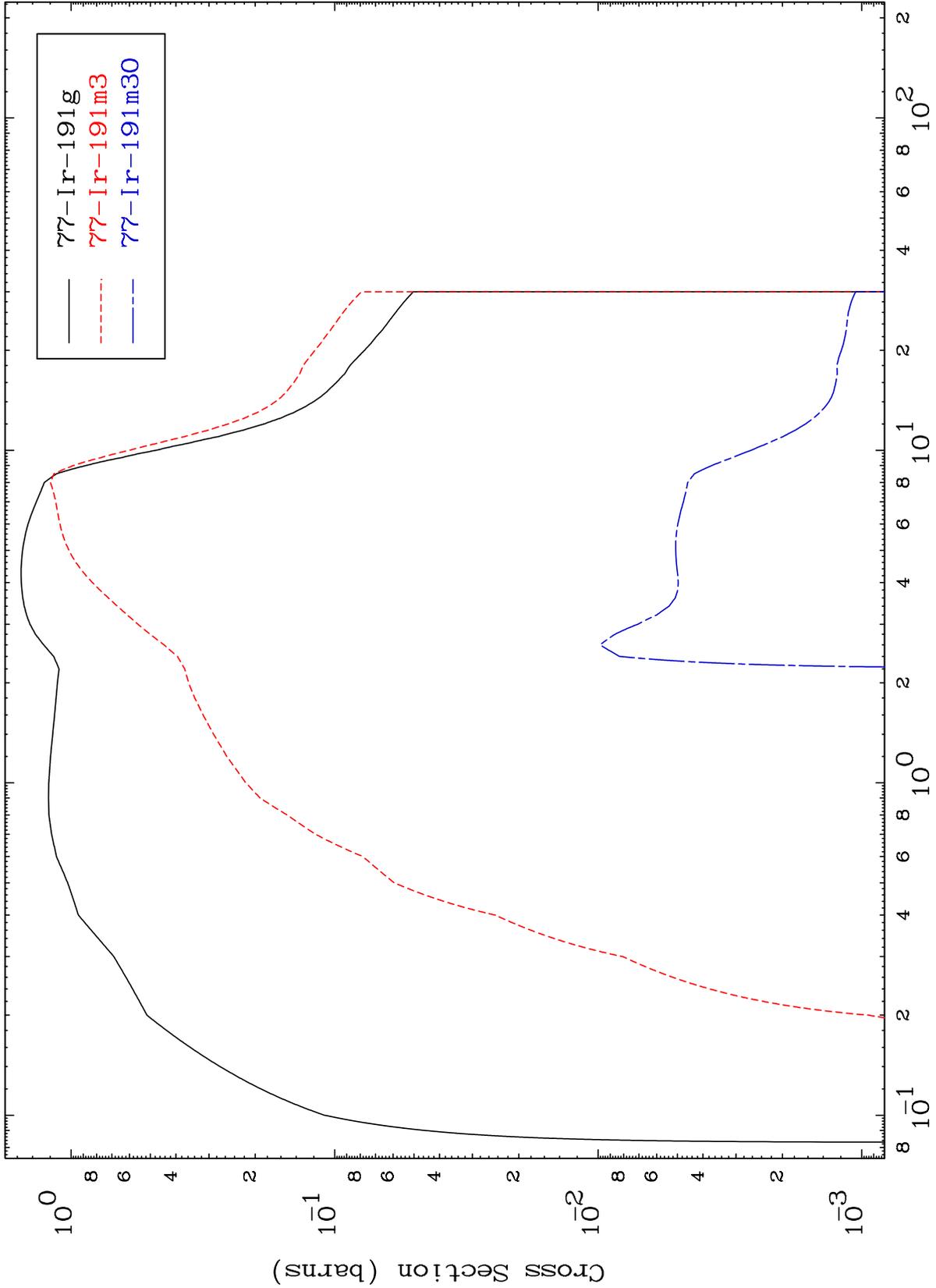
77-Ir-191



MAT 7725

77-Ir-191

Inelastic
Radionuclide Production Cross Section



136

Incident Energy (MeV)

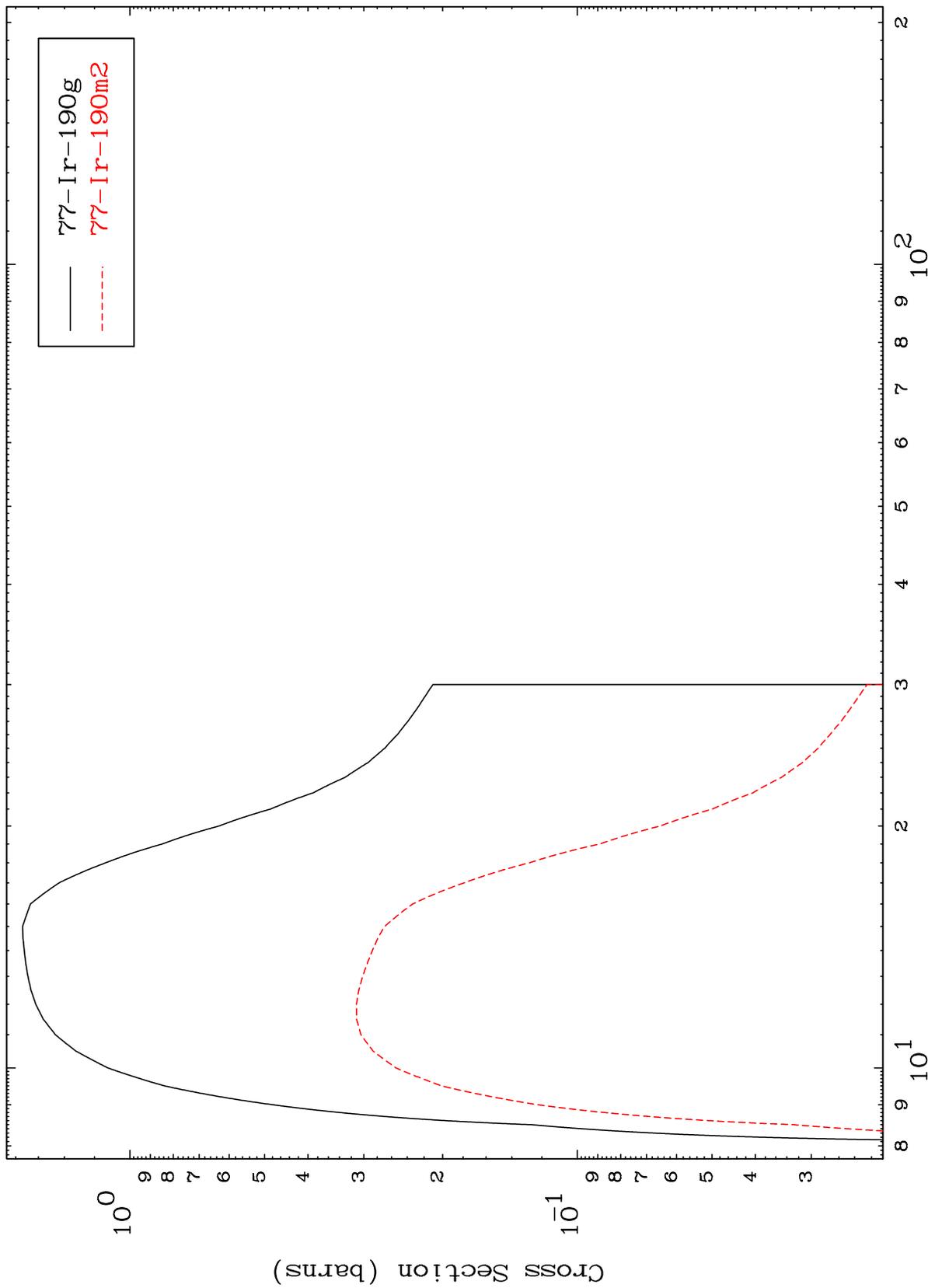
77-Ir-191

MAT 7725

77-Ir-191

(n,2n)

Radionuclide Production Cross Section



137

Incident Energy (MeV)

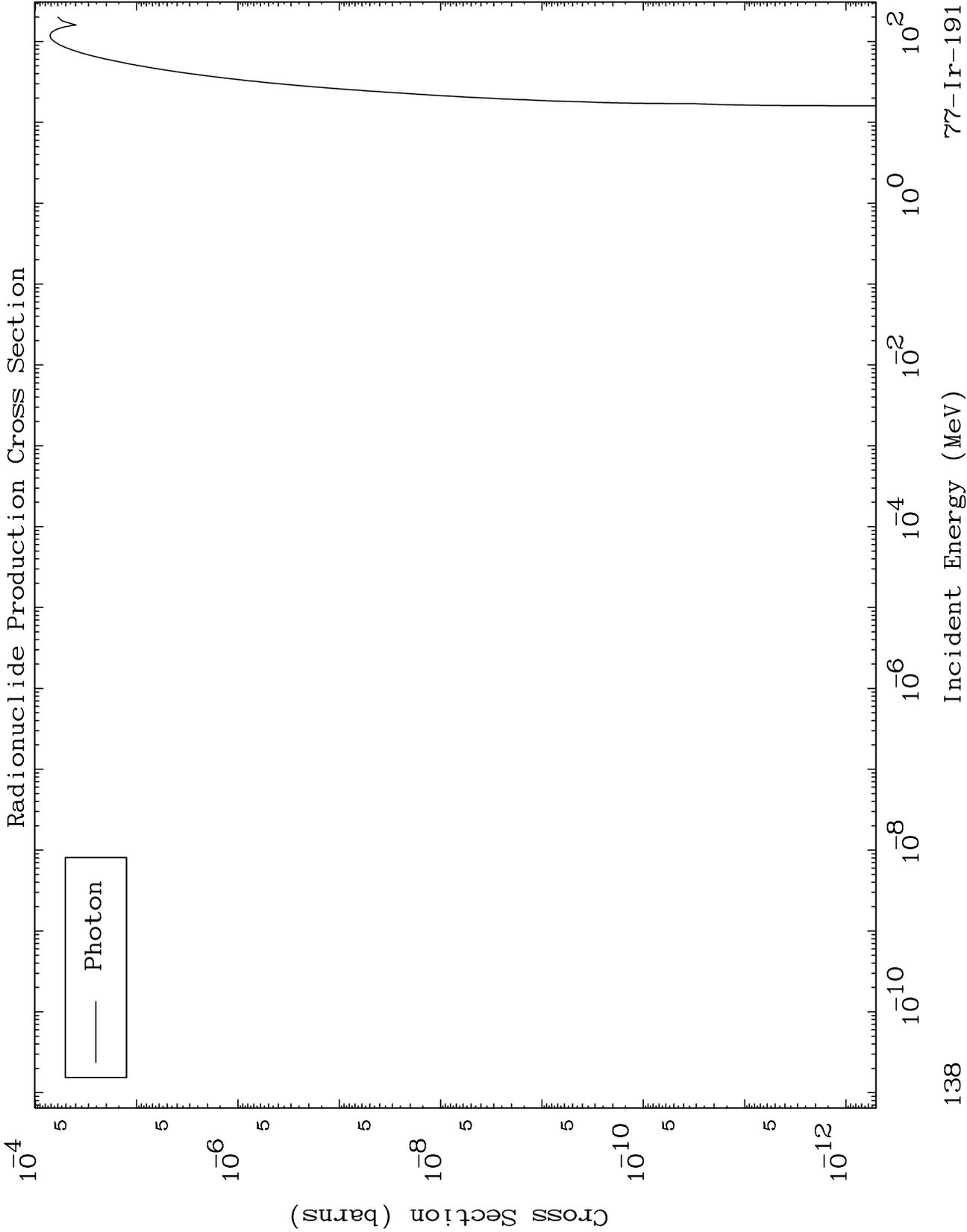
77-Ir-191

MAT 7725

Fission

⁷⁷Ir-191

Radionuclide Production Cross Section



138

Incident Energy (MeV)

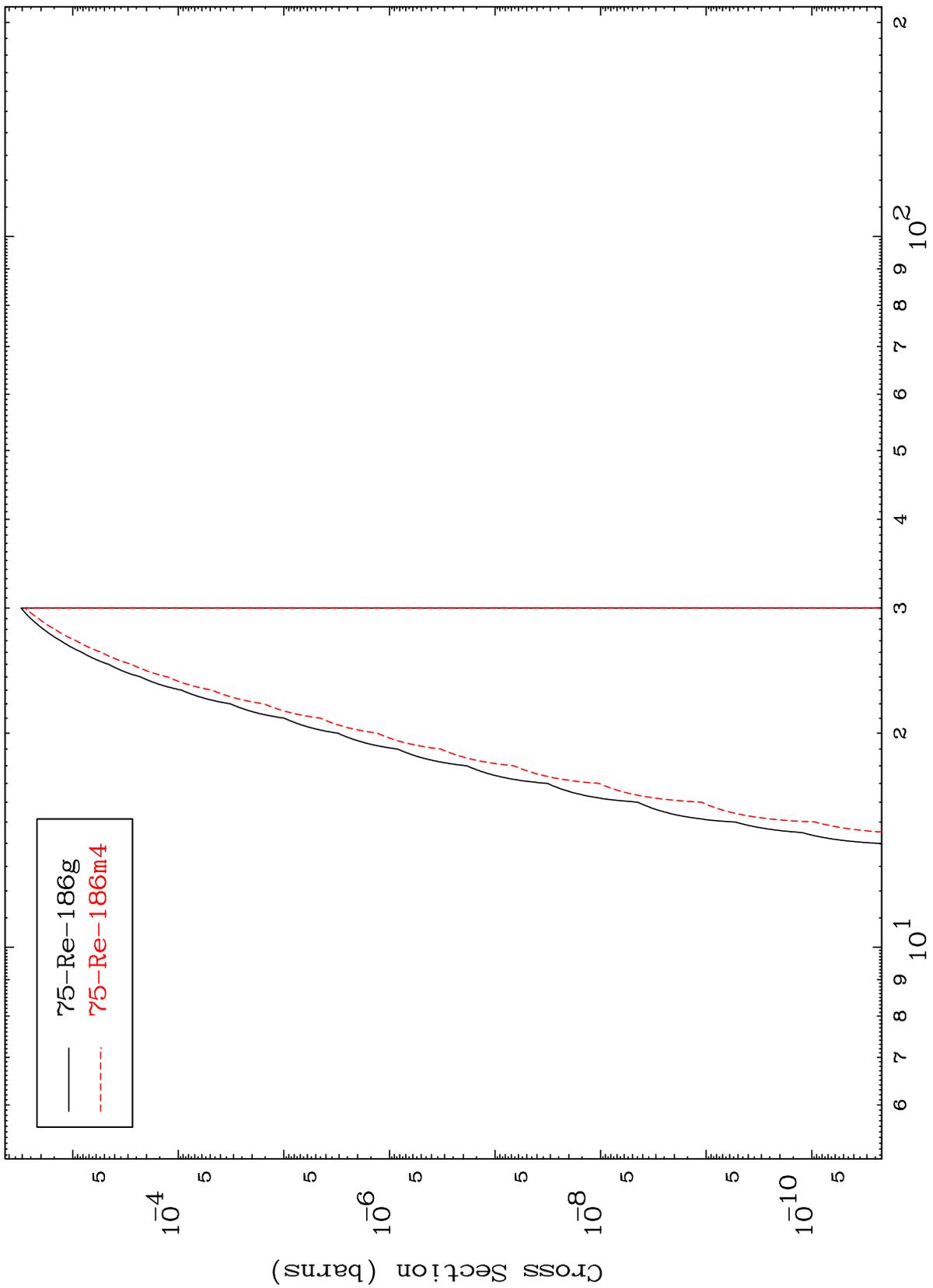
⁷⁷Ir-191

MAT 7725

$^{77}\text{Ir-191}$ α

$^{77}\text{Ir-191}$

Radionuclide Production Cross Section



139

Incident Energy (MeV)

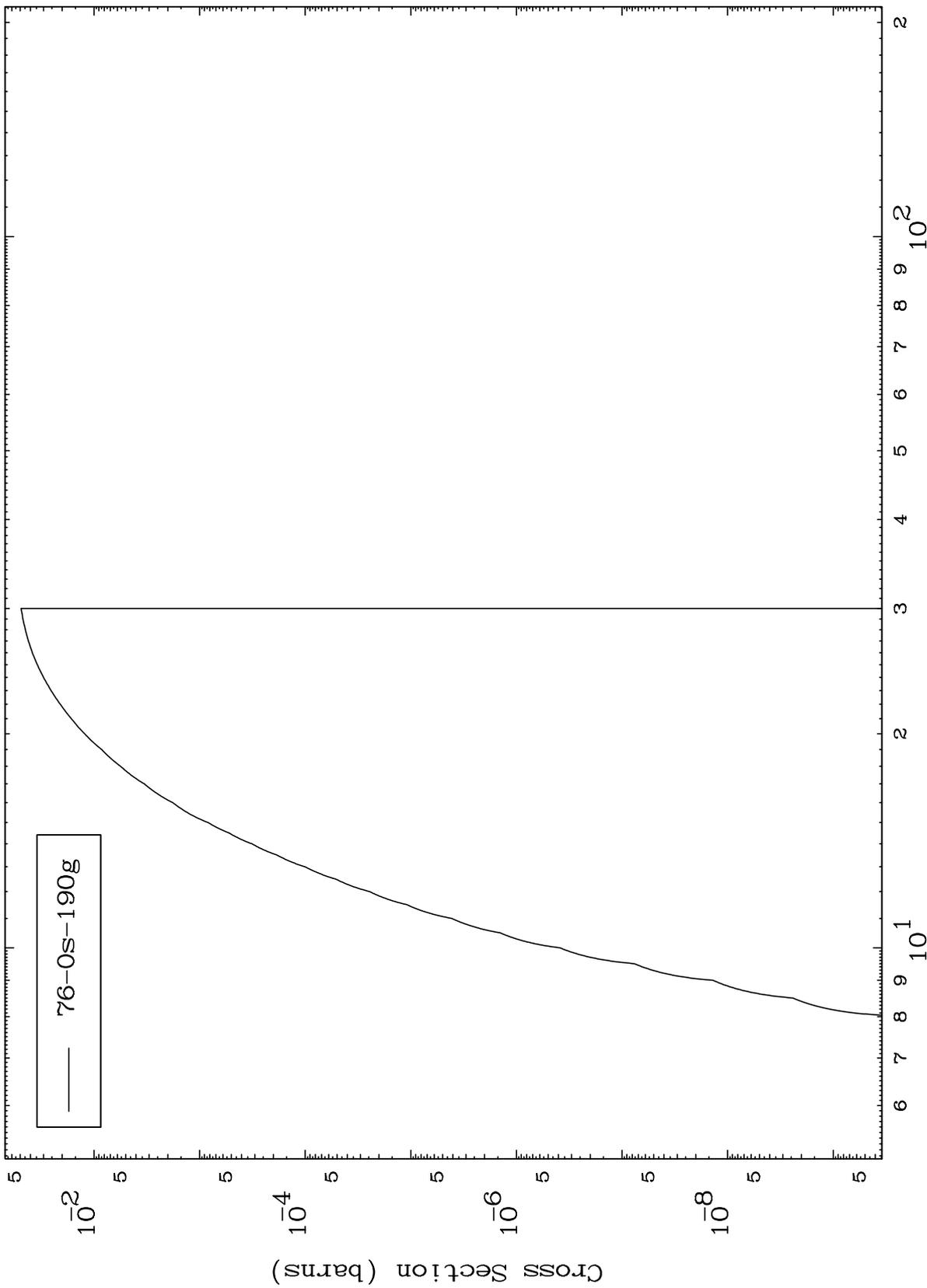
$^{77}\text{Ir-191}$

MAT 7725

(n, n') p

$^{77}\text{Ir-191}$

Radionuclide Production Cross Section



140

Incident Energy (MeV)

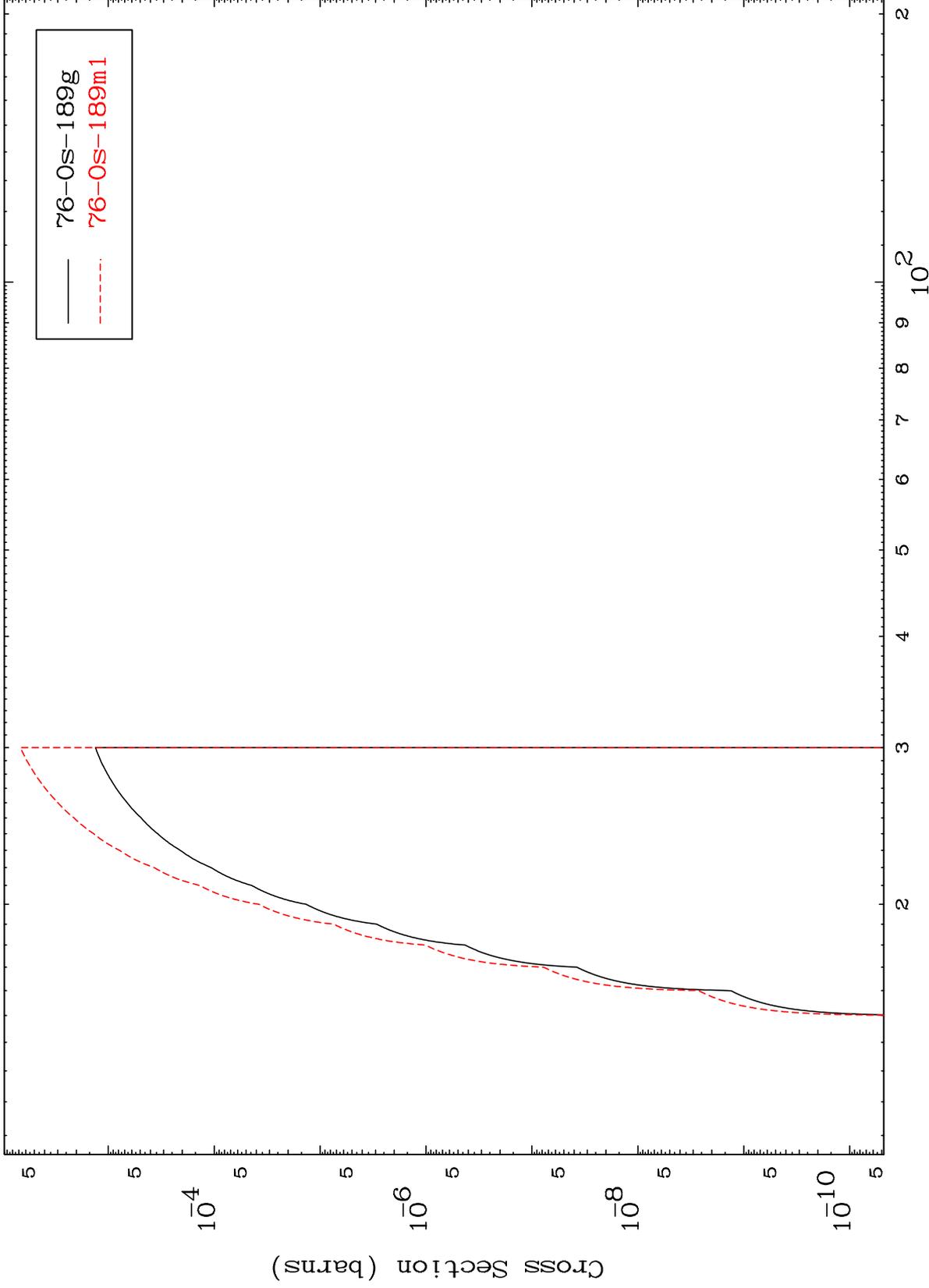
$^{77}\text{Ir-191}$

MAT 7725

(n,n') d

77-Ir-191

Radionuclide Production Cross Section



141

Incident Energy (MeV)

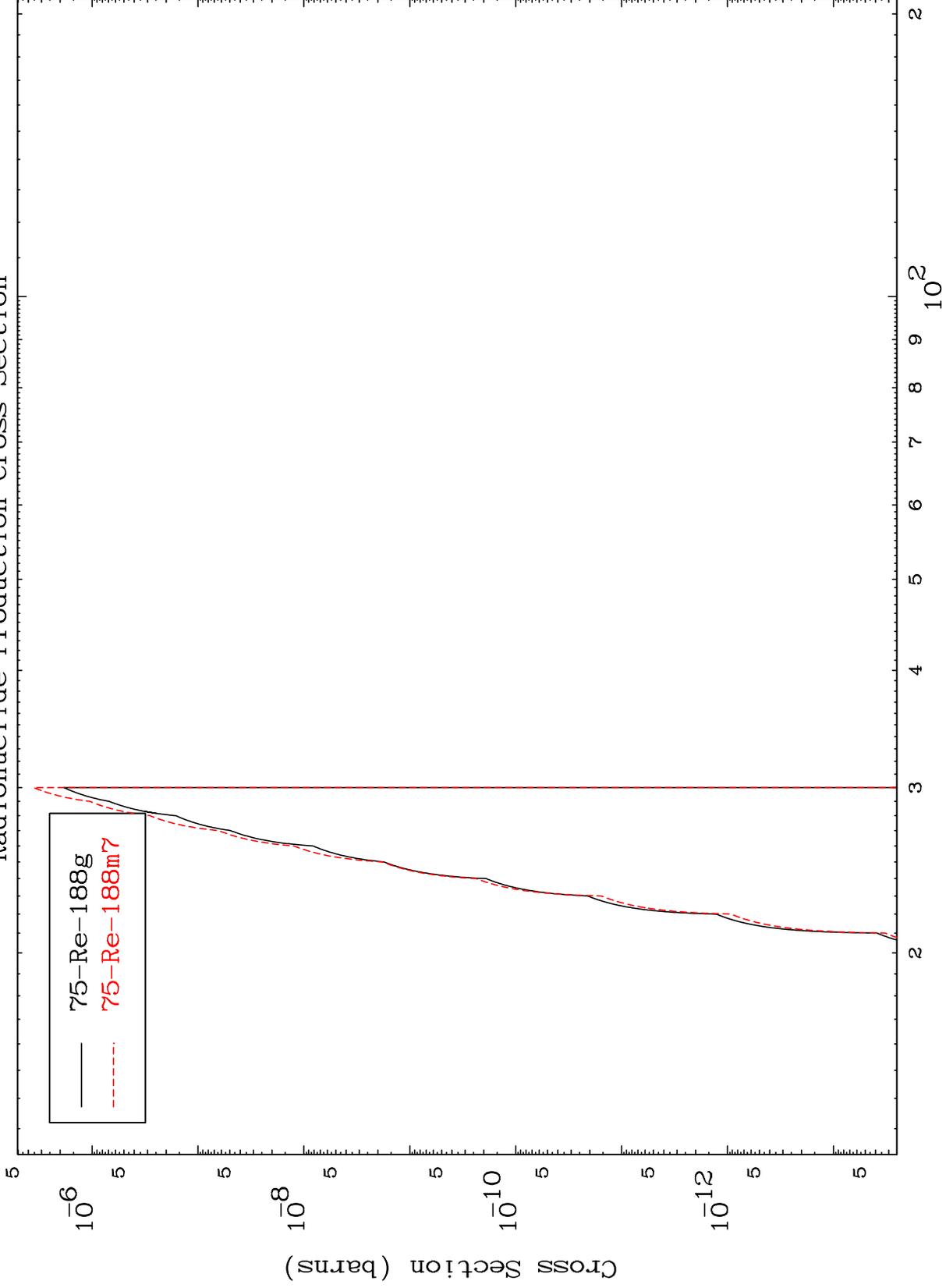
77-Ir-191

MAT 7725

(n,n') He-3

77-Ir-191

Radionuclide Production Cross Section



142

Incident Energy (MeV)

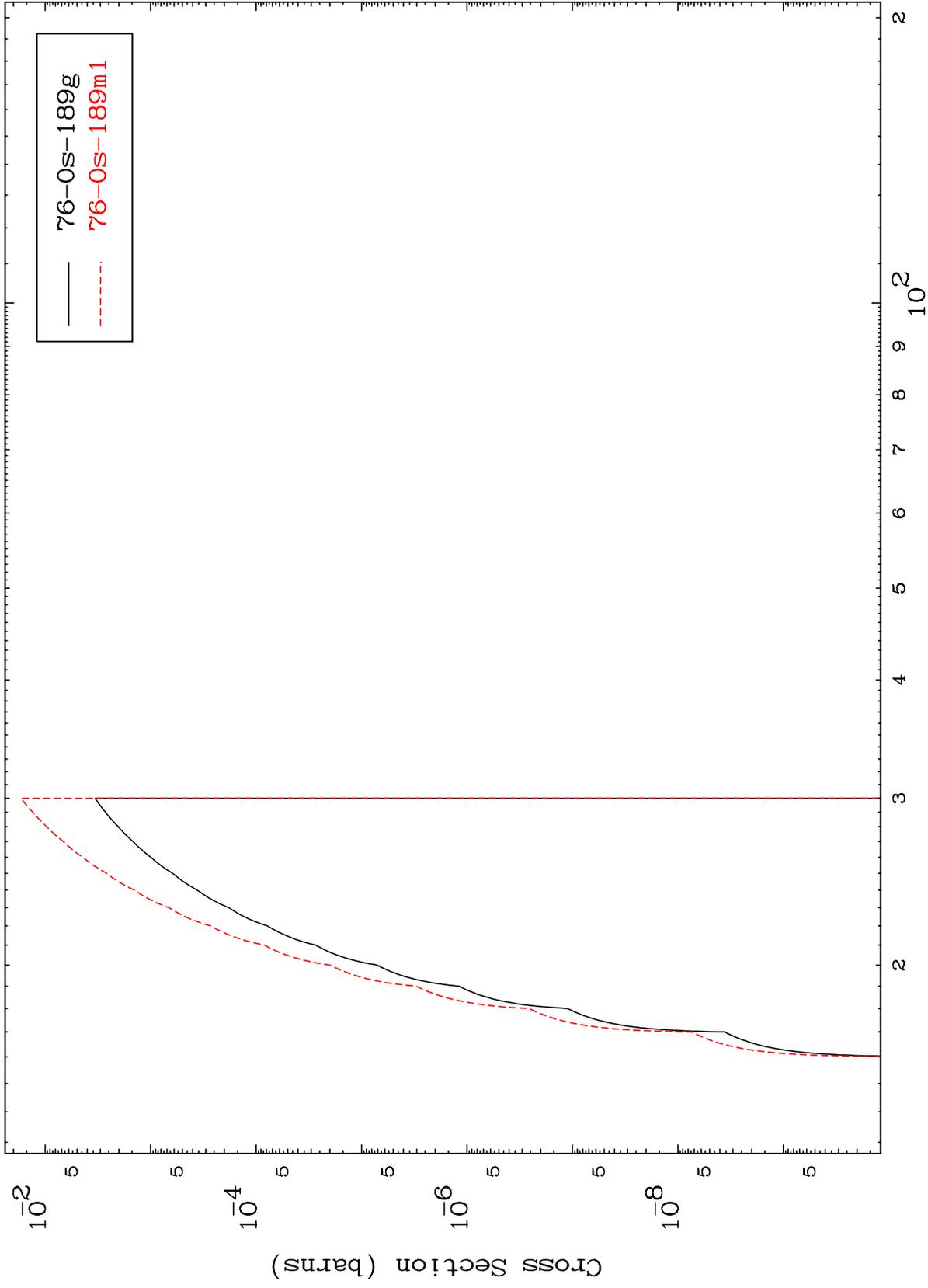
77-Ir-191

MAT 7725

77-Ir-191

(n,2n) p

Radionuclide Production Cross Section



143

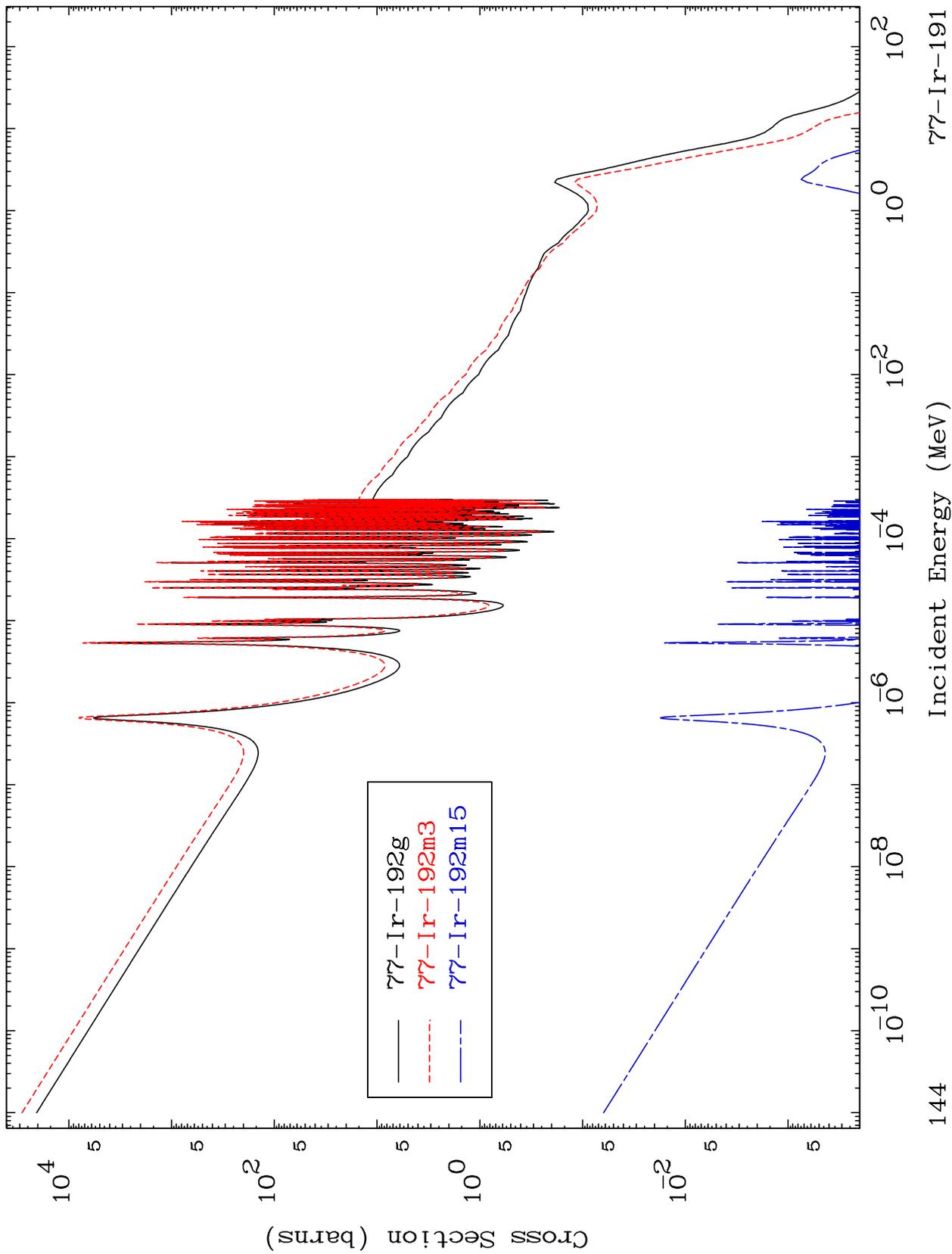
Incident Energy (MeV)

77-Ir-191

MAT 7725

⁷⁷Ir-191

Radionuclide Production Cross Section



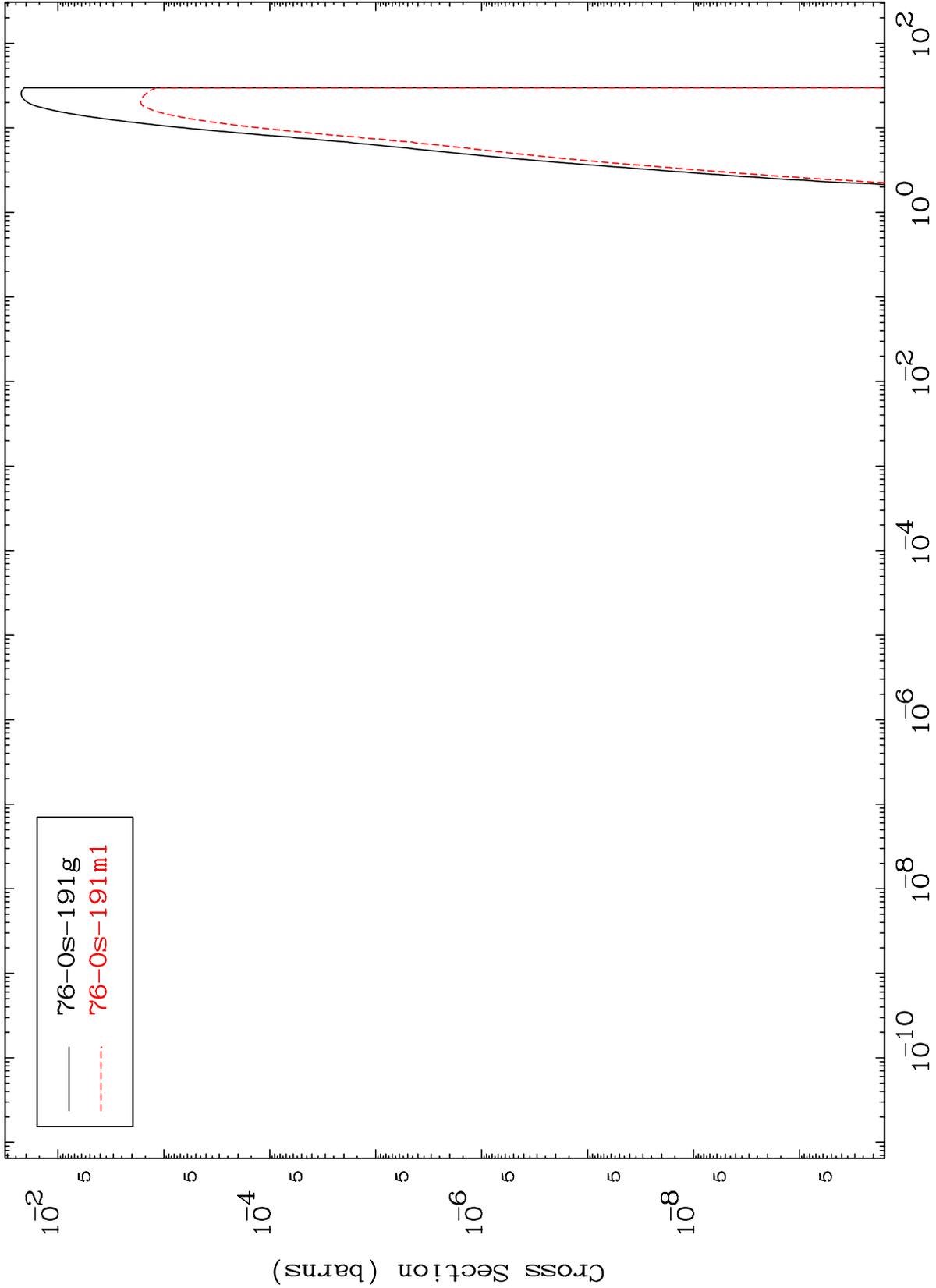
144

⁷⁷Ir-191

MAT 7725

⁷⁷Ir-191

(n,p)
Radionuclide Production Cross Section



— 76Os-191g
- - - 76Os-191m1

⁷⁷Ir-191

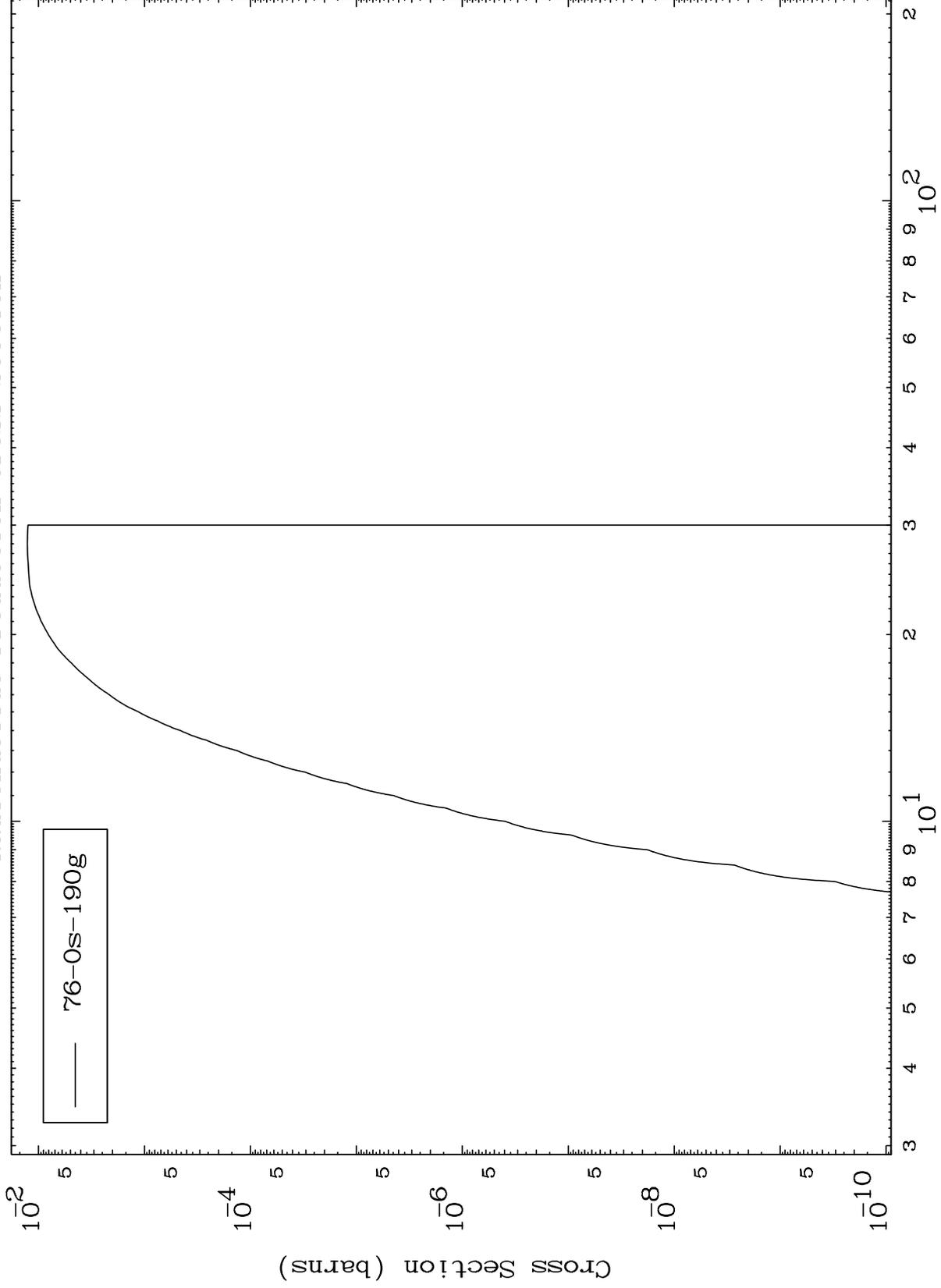
Incident Energy (MeV)

145

MAT 7725

⁷⁷Ir-191

(n,d)
Radionuclide Production Cross Section



⁷⁷Ir-191

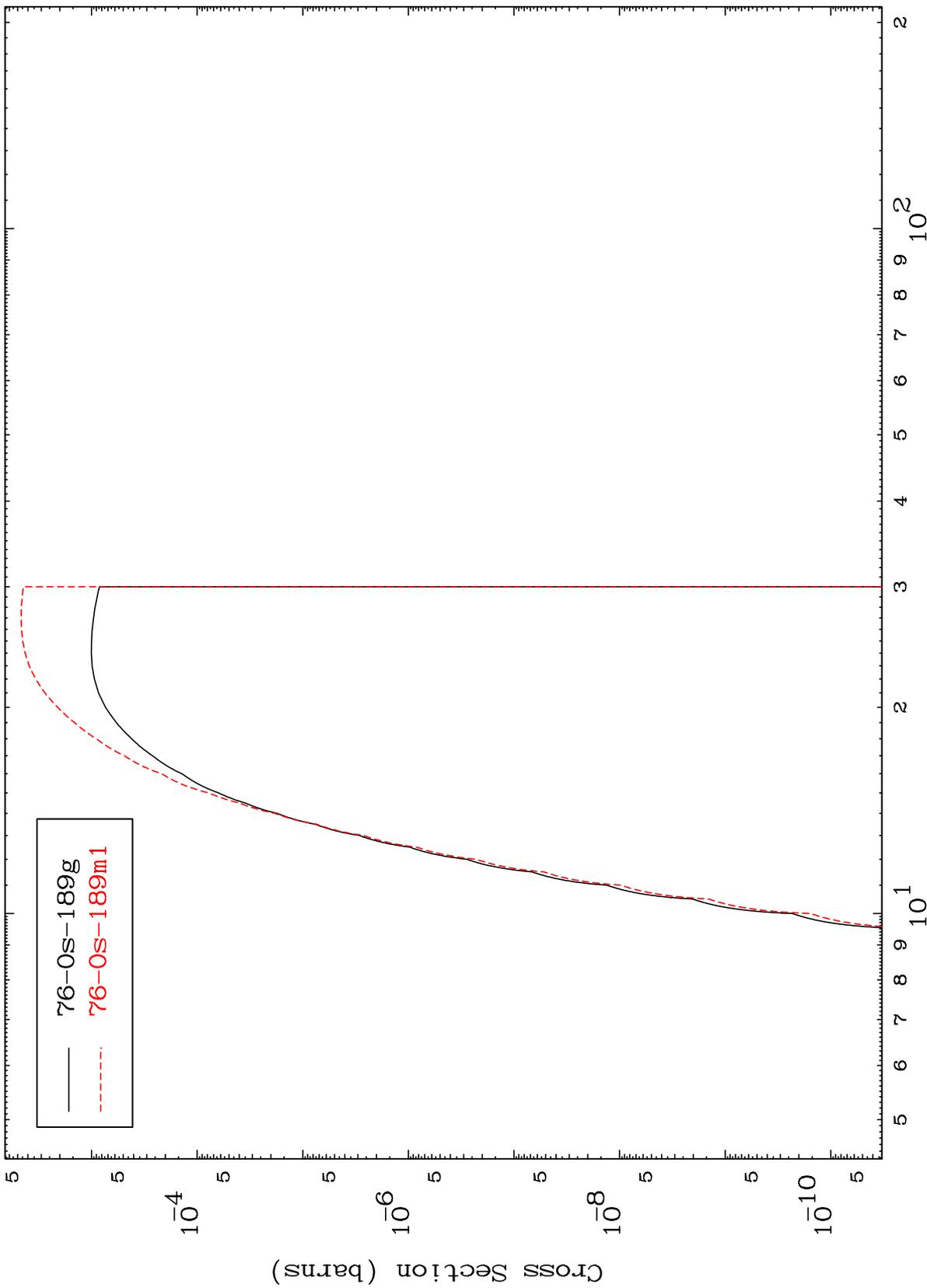
Incident Energy (MeV)

146

MAT 7725

77-Ir-191

(n, t)
Radionuclide Production Cross Section



147

Incident Energy (MeV)

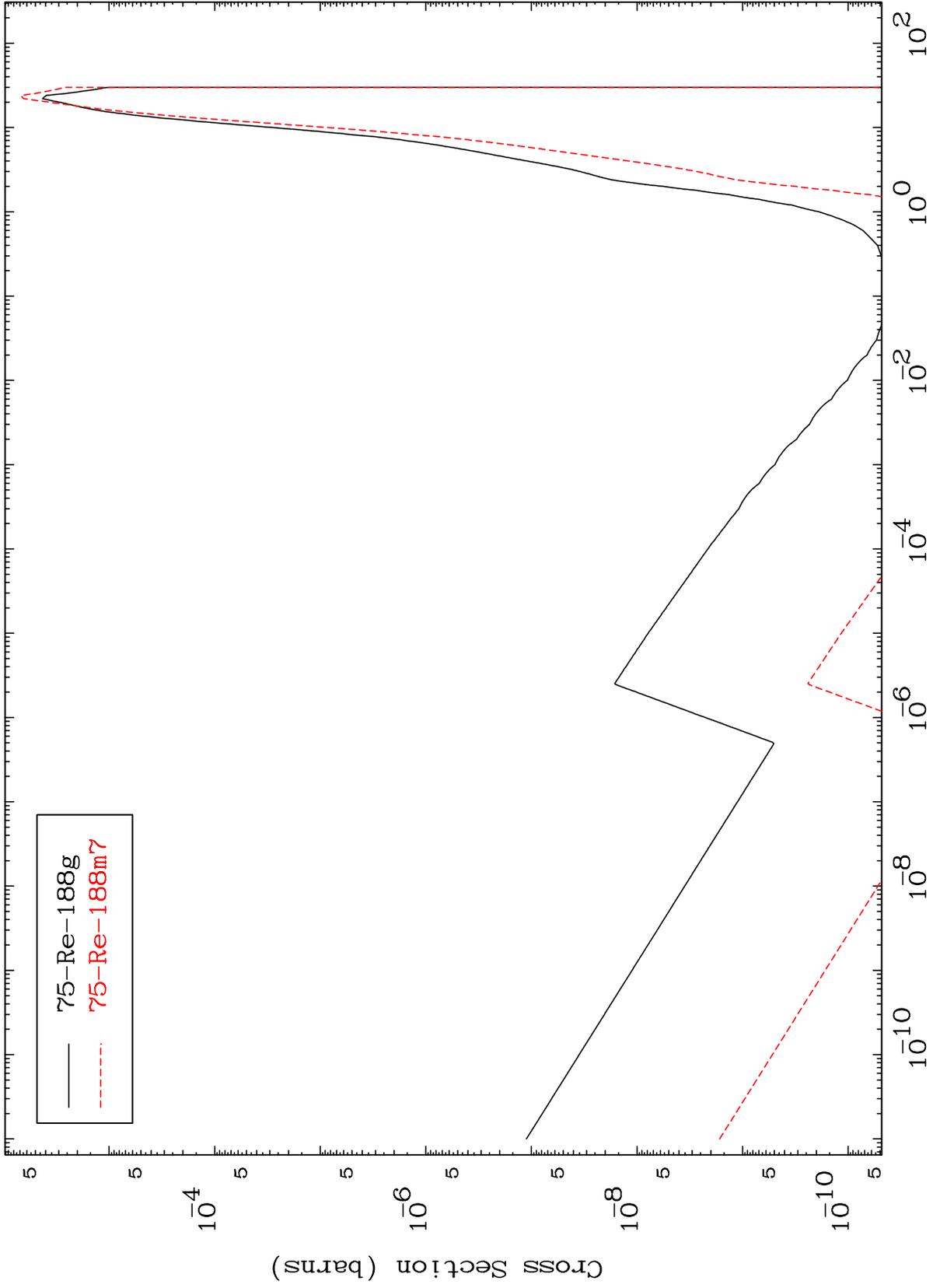
77-Ir-191

MAT 7725

(n, α)

⁷⁷Ir-191

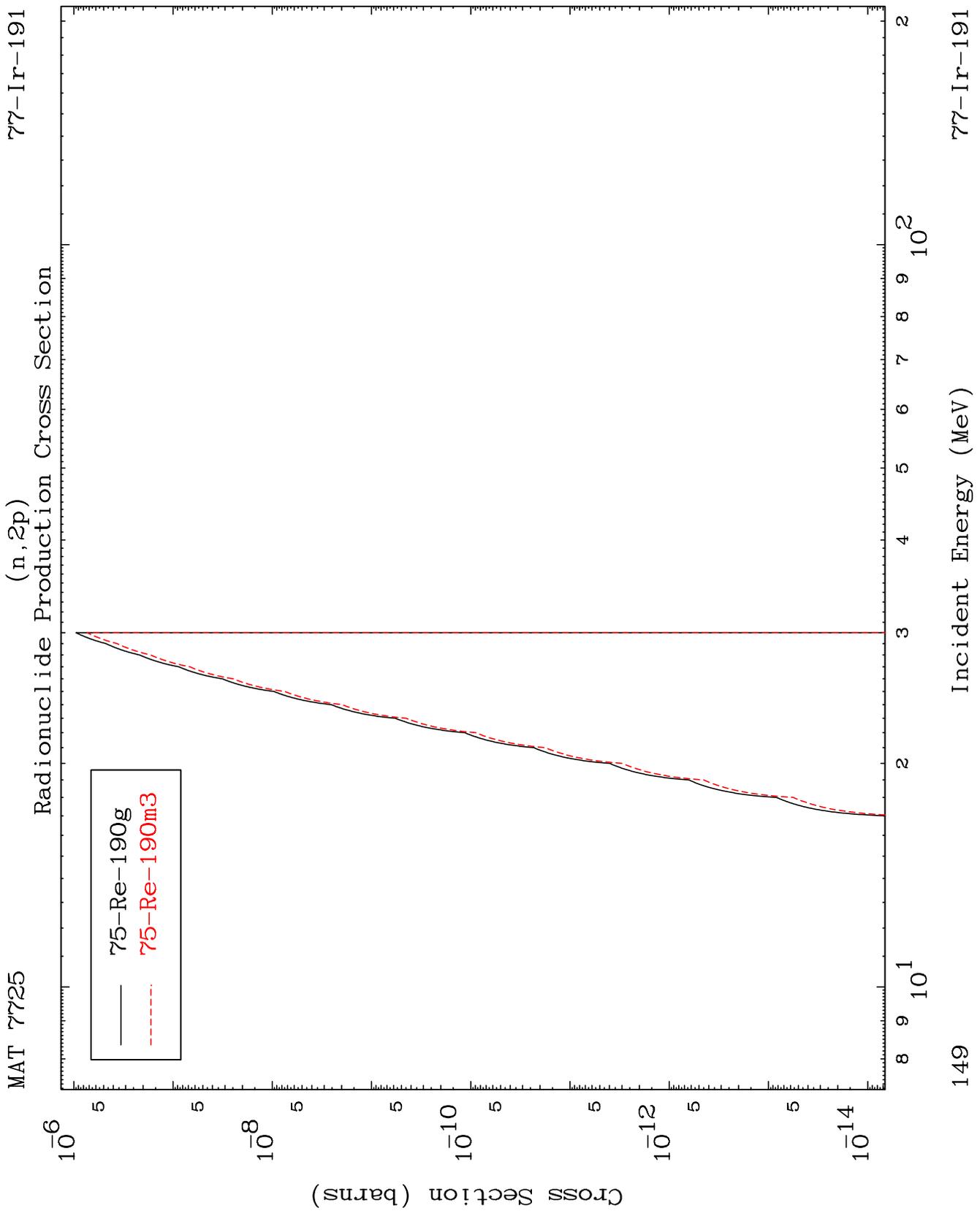
Radionuclide Production Cross Section



148

Incident Energy (MeV)

⁷⁷Ir-191



Radionuclide Production Cross Section

