

Program EVALPLOT
(Version 2021-1)

by

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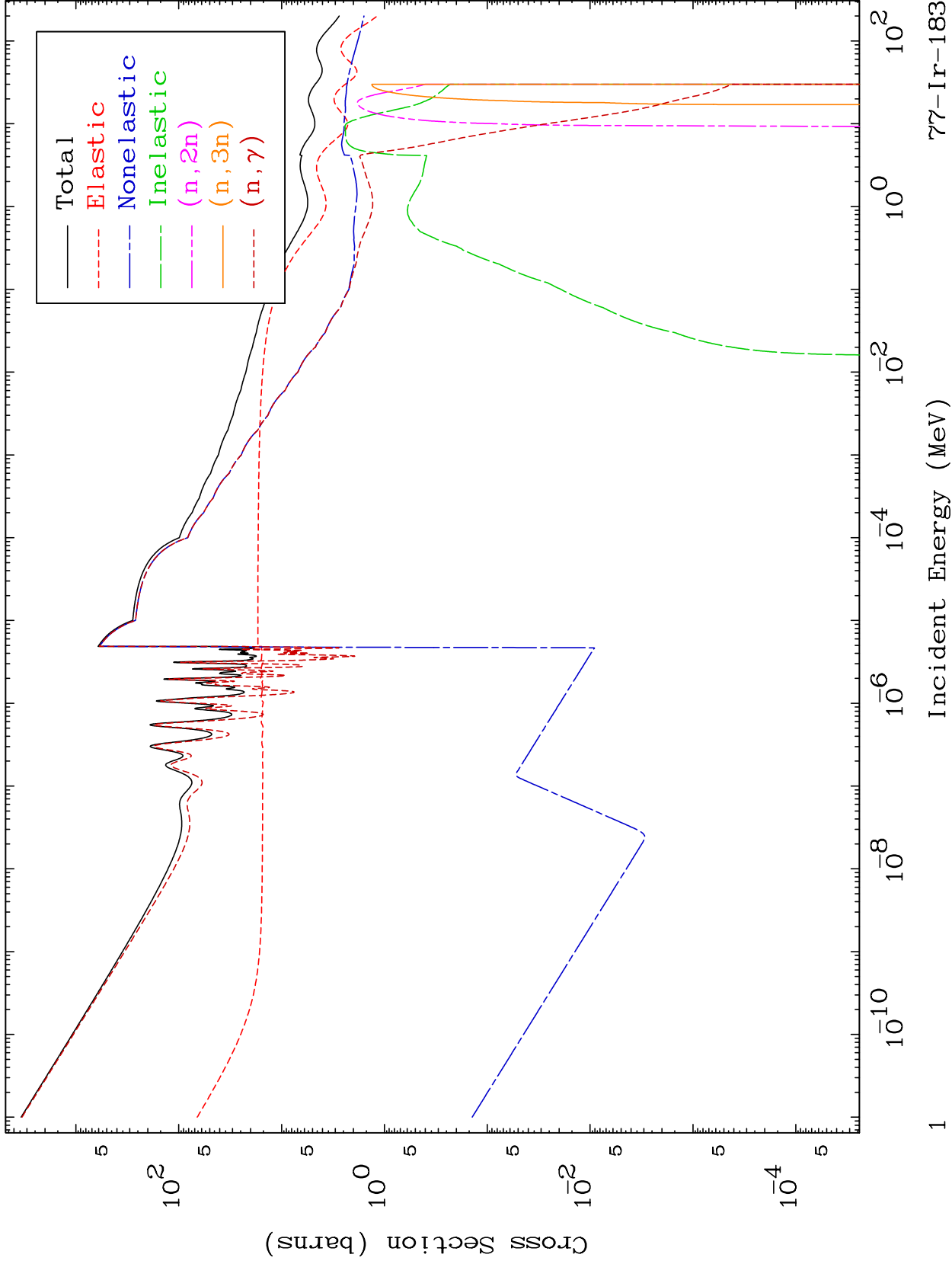
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Press Mouse Button to Start

MAT 7701

Neutron Major
293 Kelvin Cross Sections

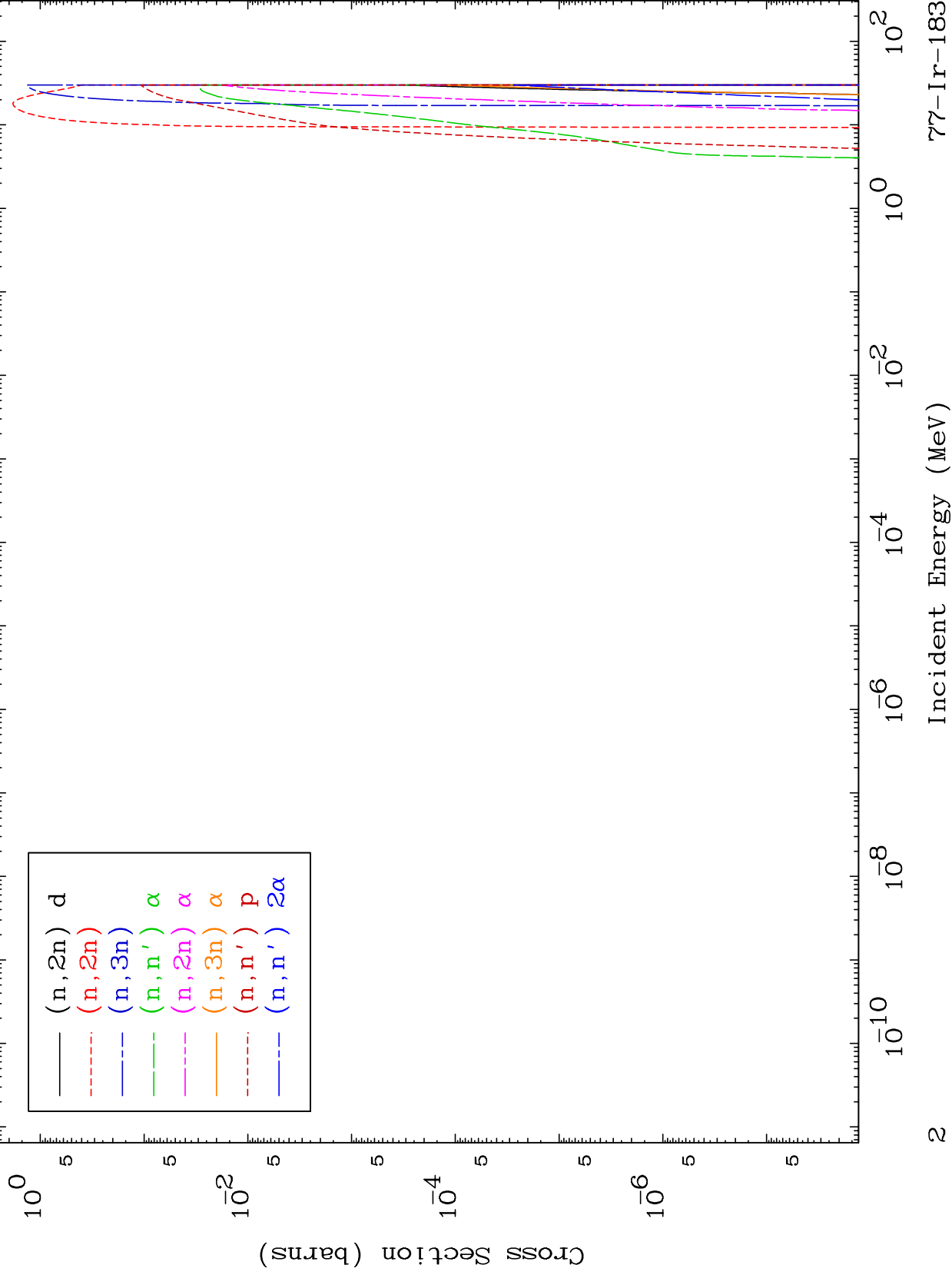
77-Ir-183



MAT 7701

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-183

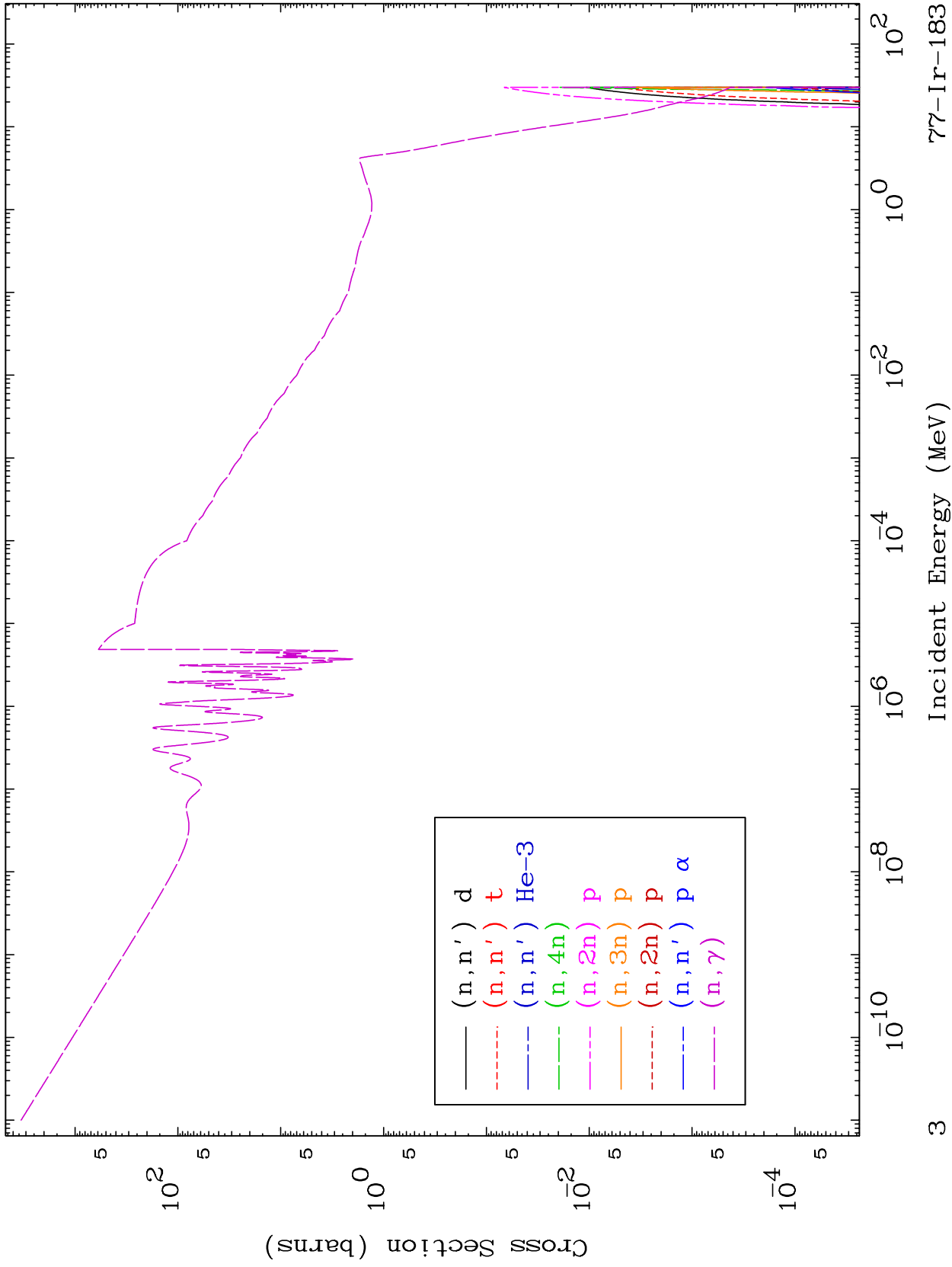


77-Ir-183

MAT 7701

Neutron Absorption
293 Kelvin Cross Sections

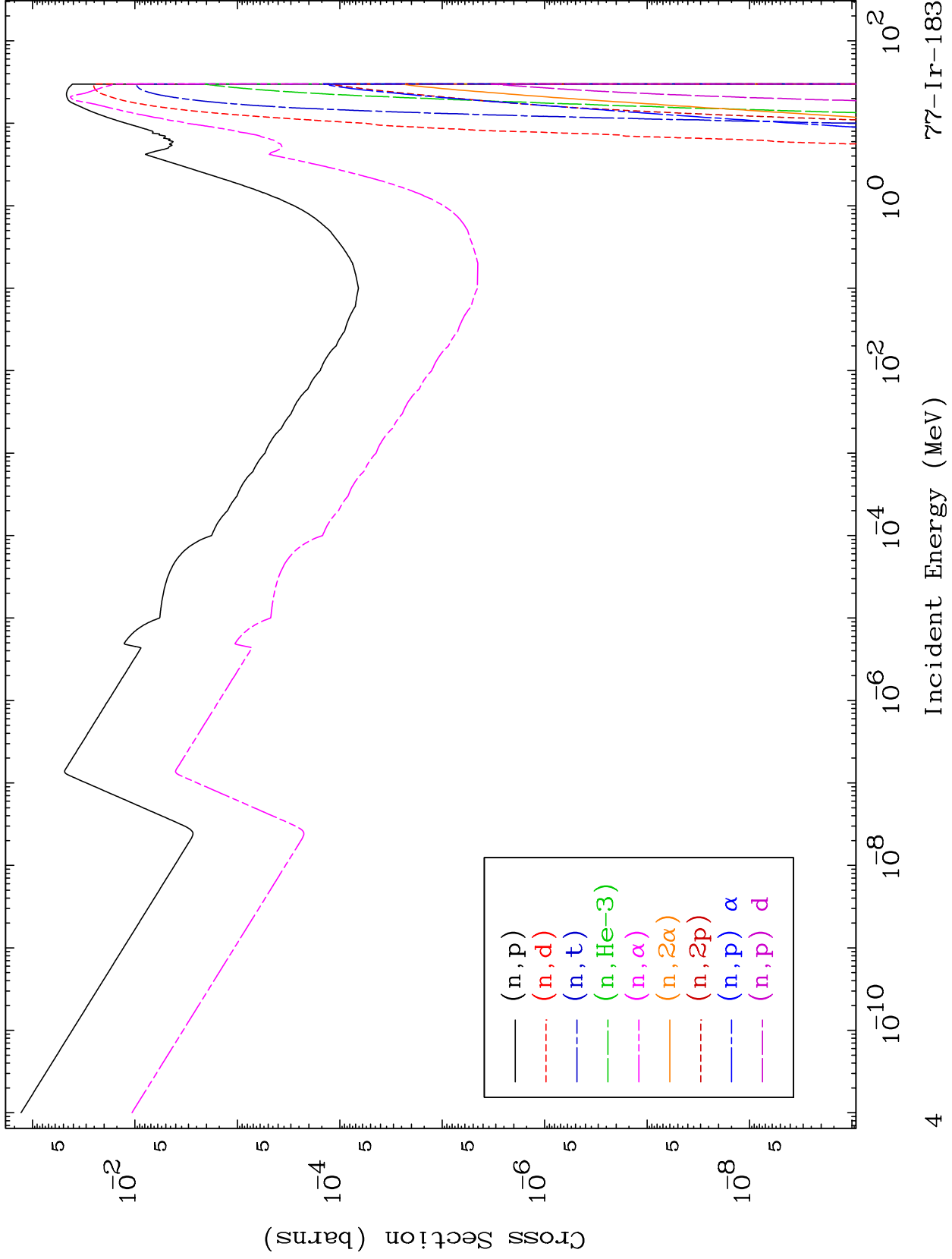
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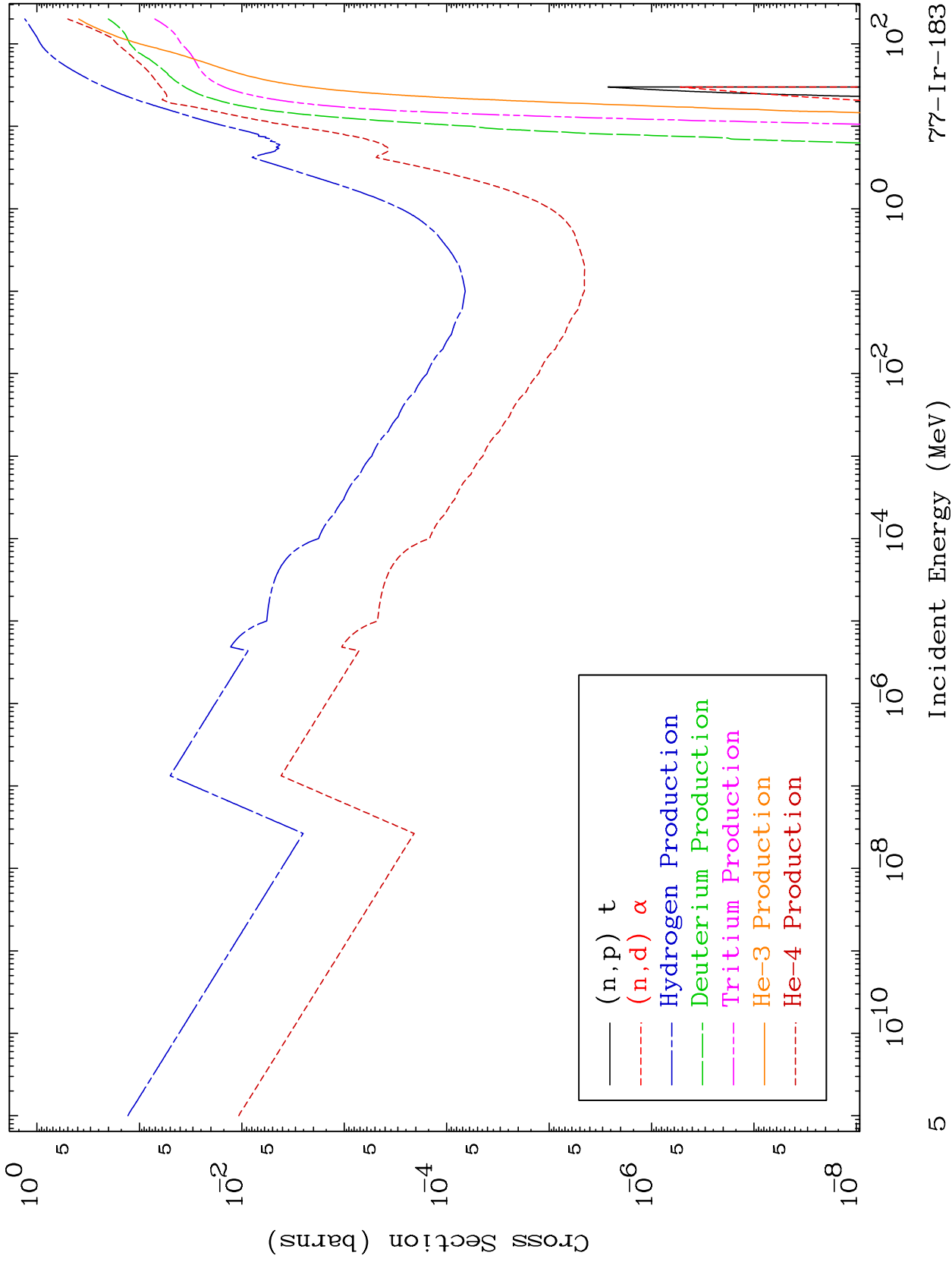


MAT 7701

Neutron Absorption
293 Kelvin Cross Sections

77-Ir-183

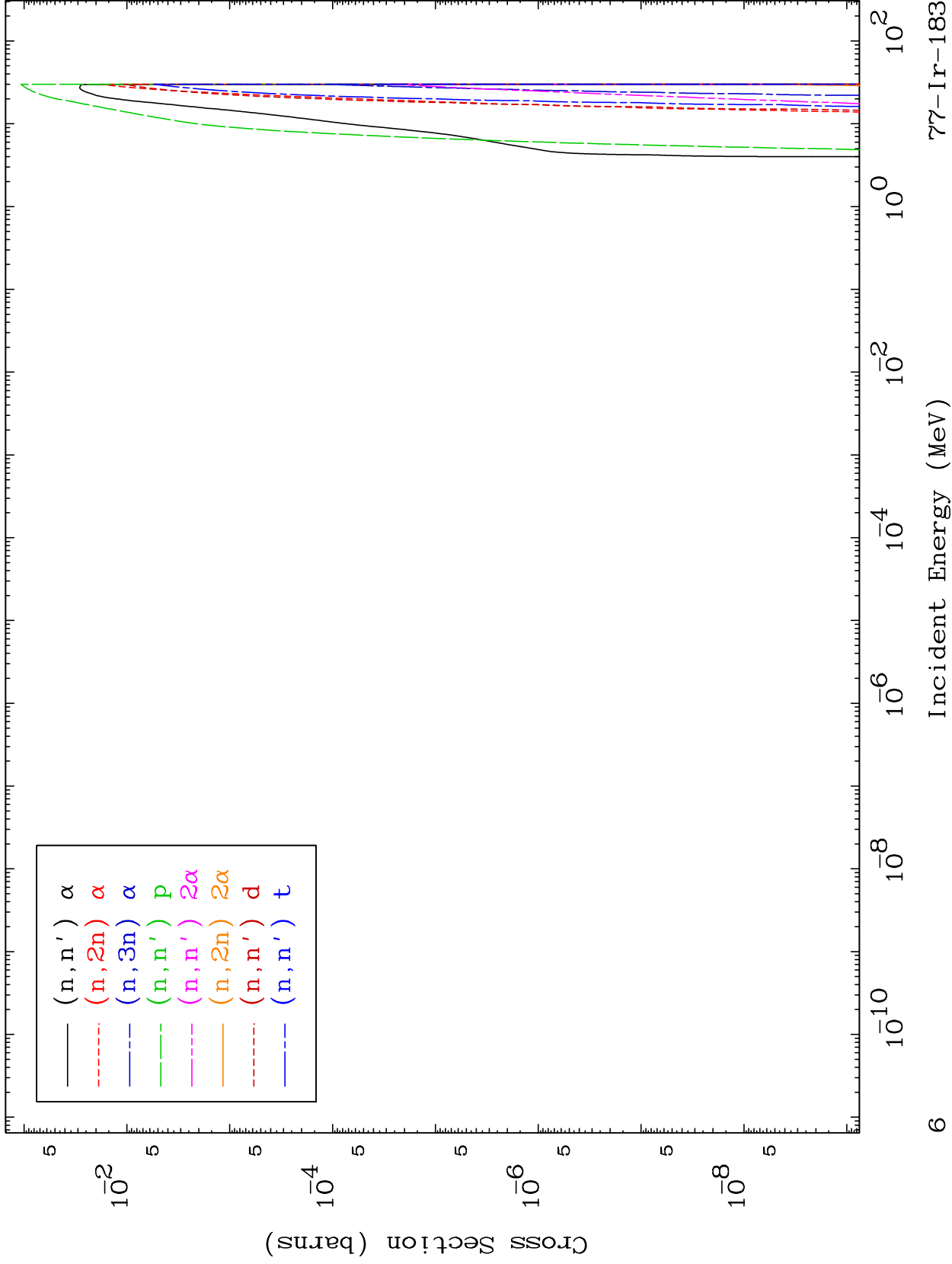




MAT 7701

Charged Particle
293 Kelvin Cross Sections

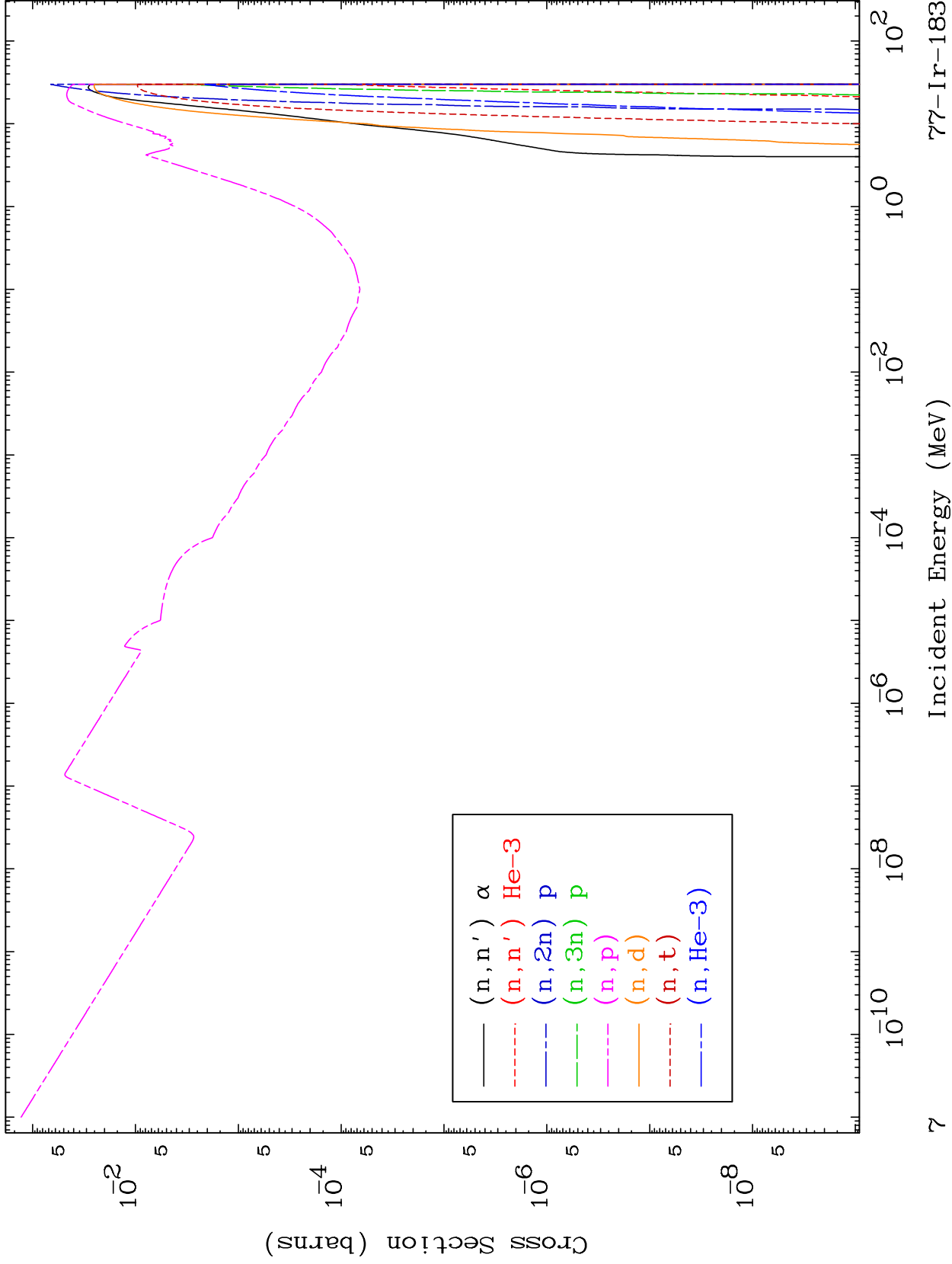
77-Ir-183



MAT 7701

Charged Particle
293 Kelvin Cross Sections

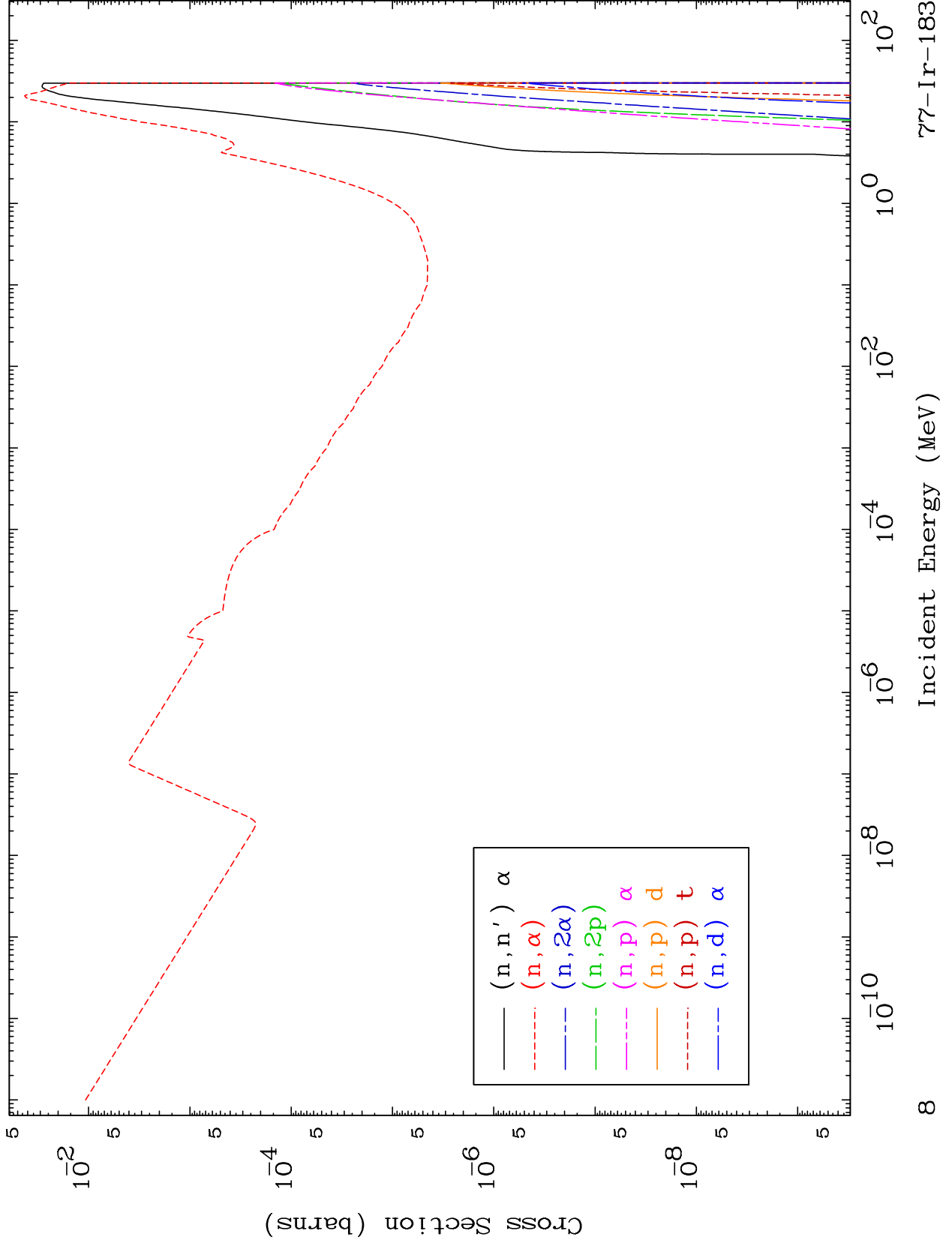
77-Ir-183

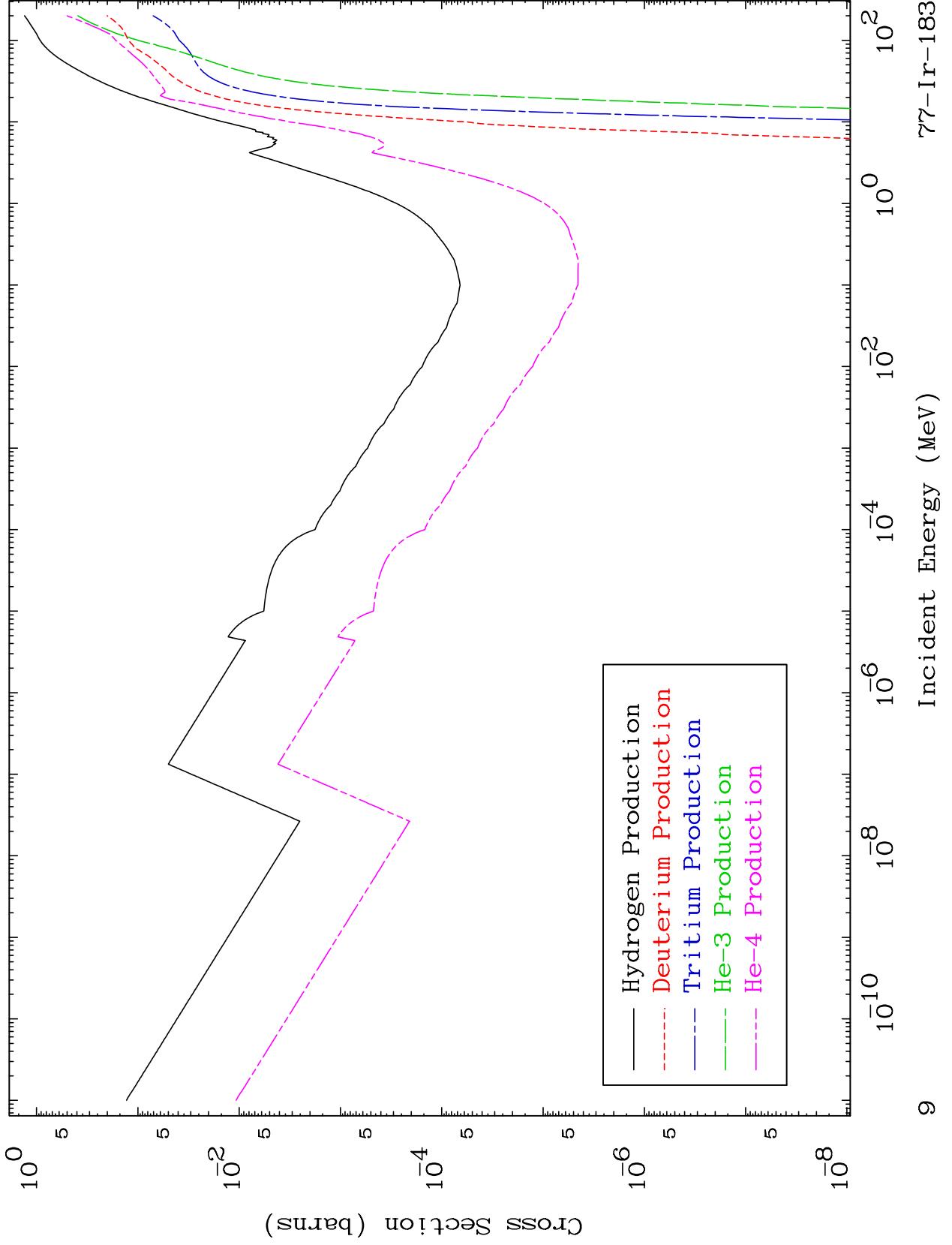


MAT 7701

Charged Particle
293 Kelvin Cross Sections

77-Ir-183

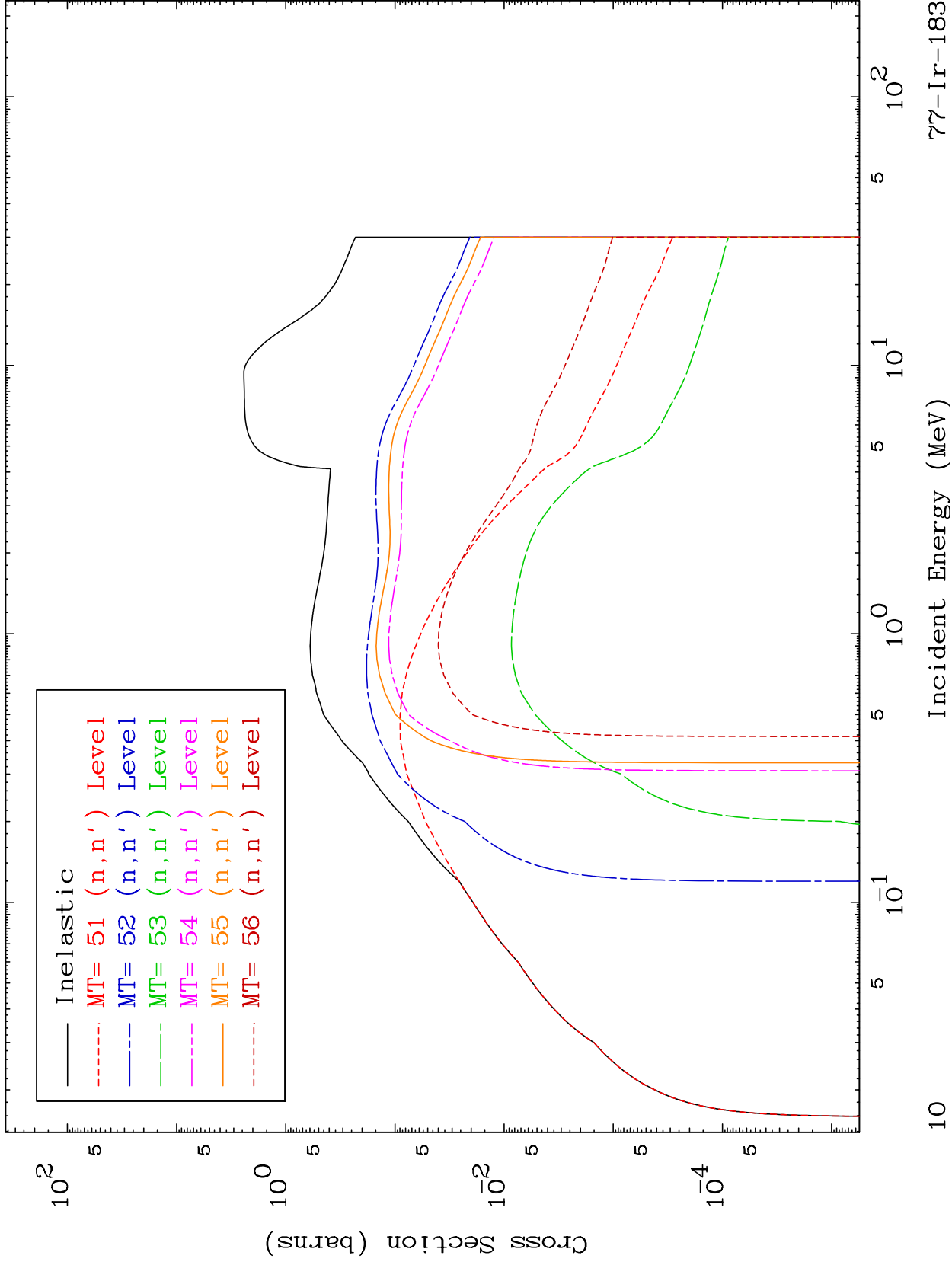




MAT 7701

(n,n') Levels
293 Kelvin Cross Sections

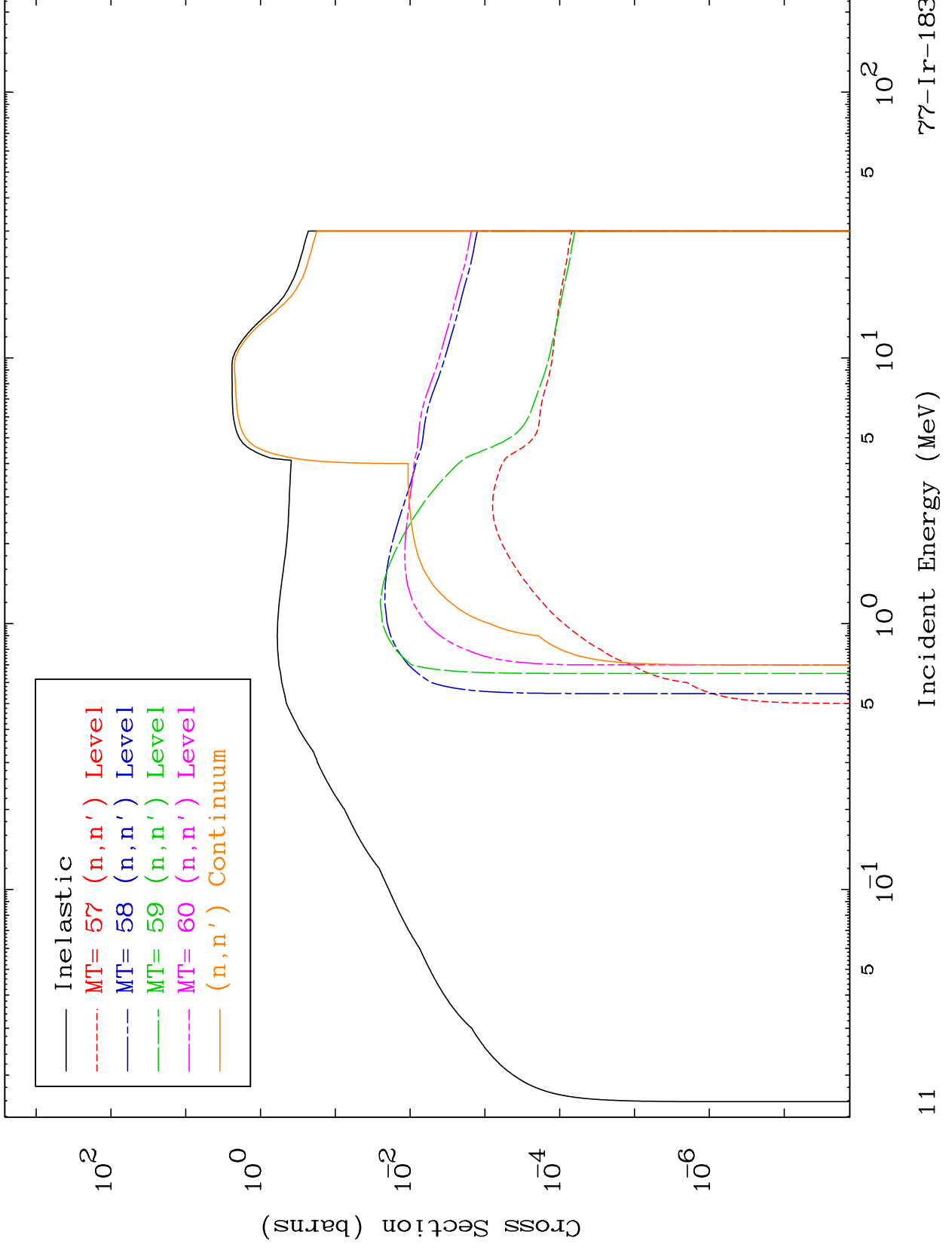
77-Ir-183



10

Incident Energy (MeV)

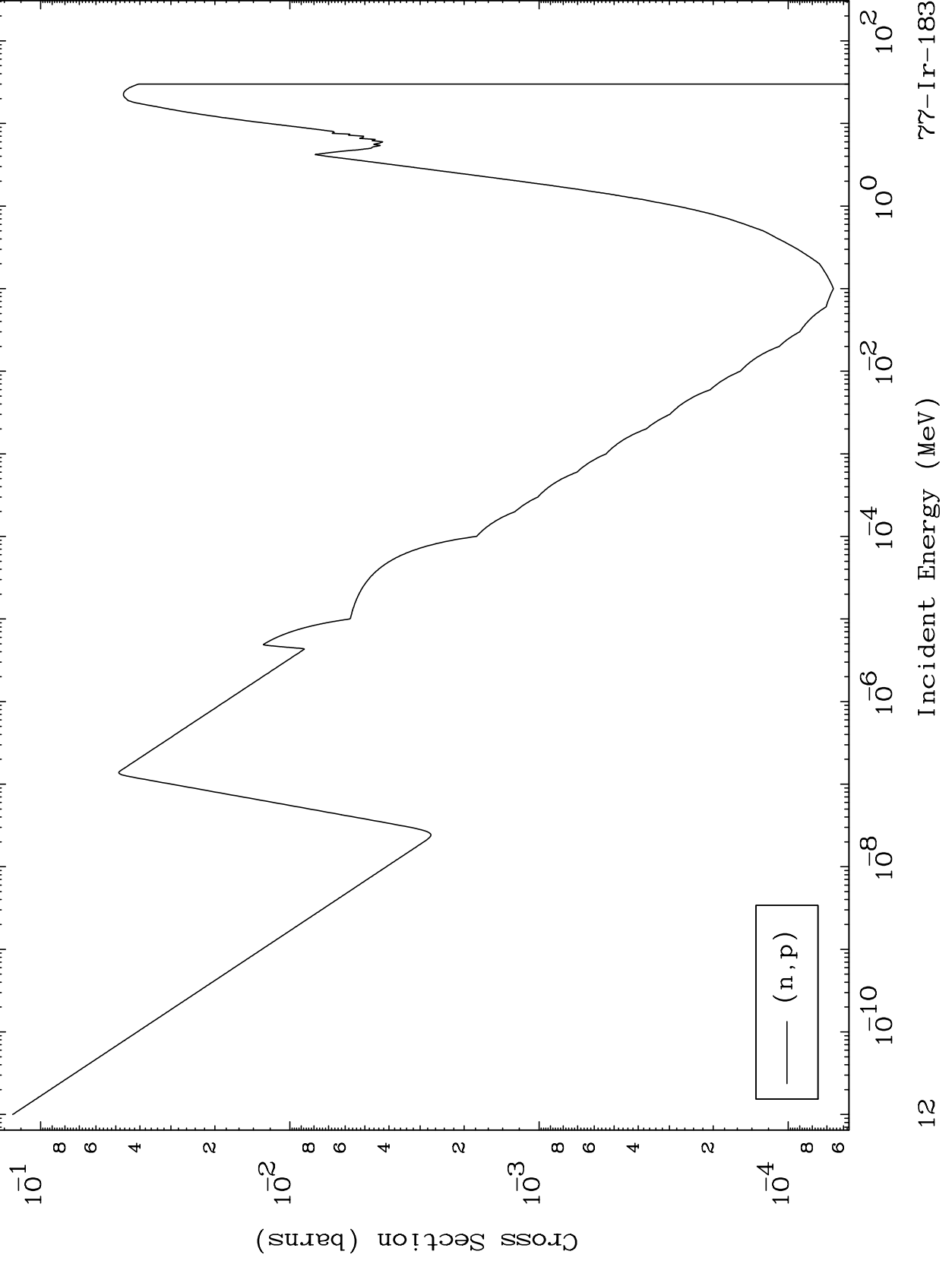
77-Ir-183



MAT 7701

(n,p) Levels
293 Kelvin Cross Sections

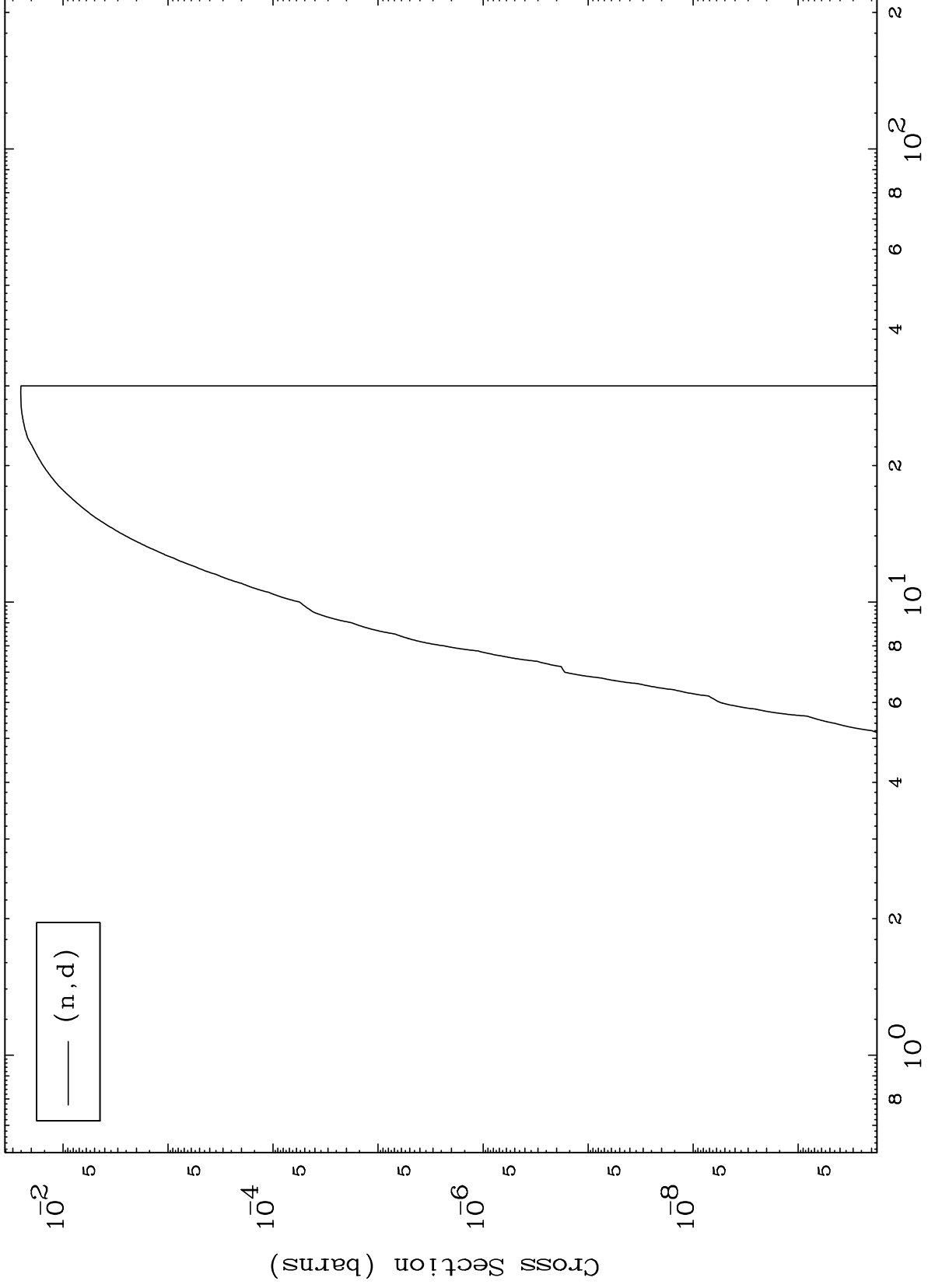
77-Ir-183



MAT 7701

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-183



13

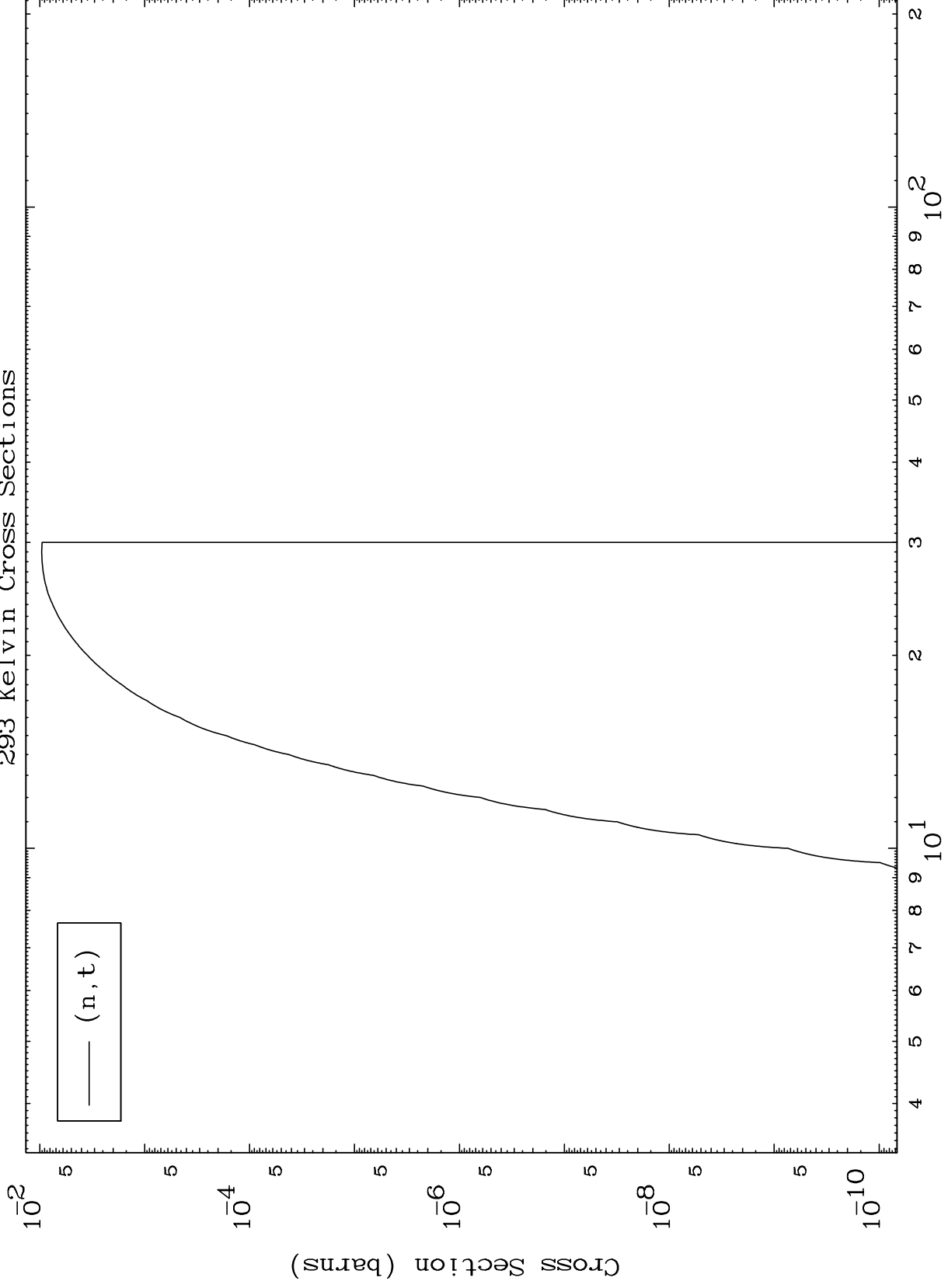
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-183



14

Incident Energy (MeV)

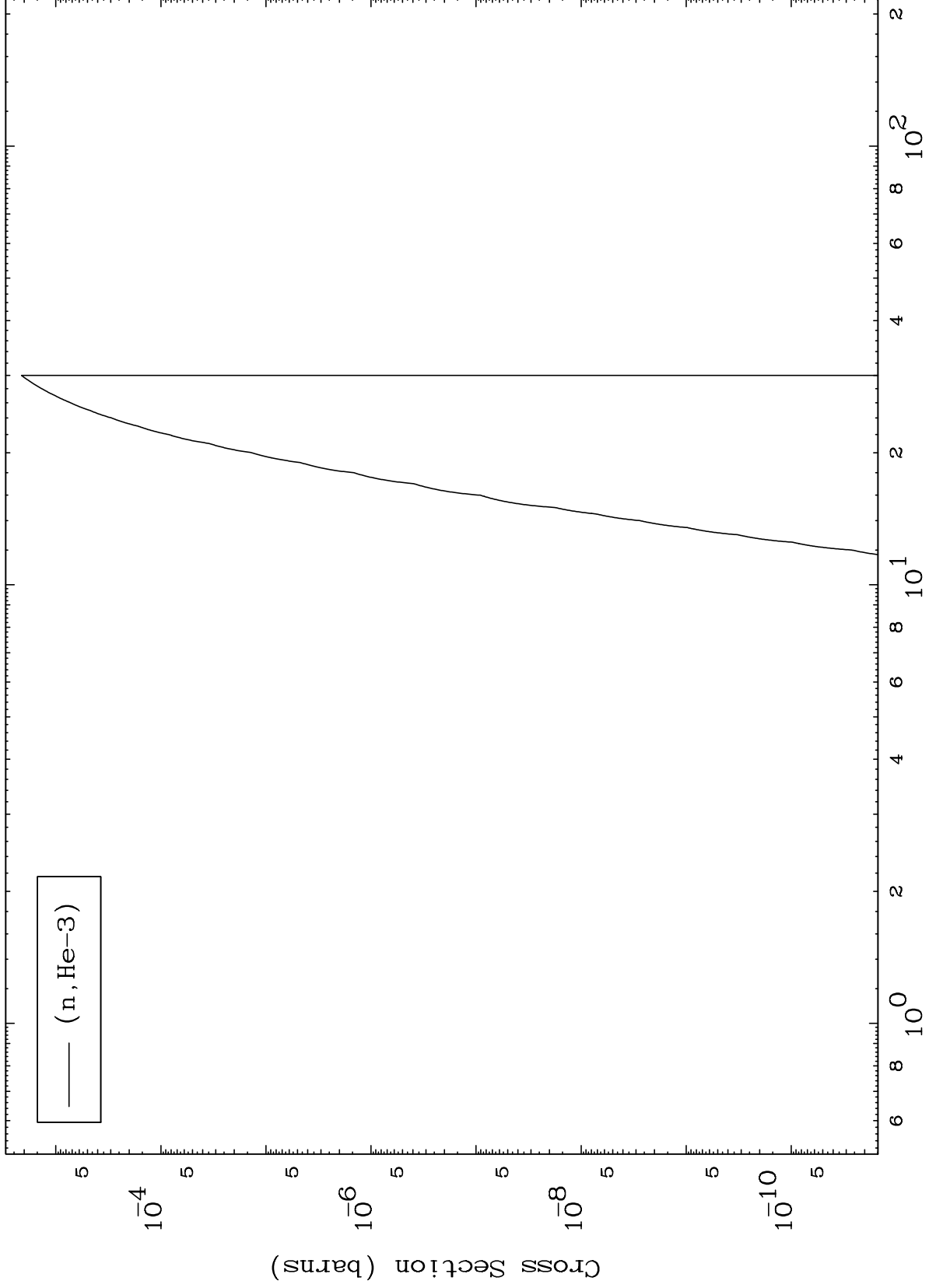
77-Ir-183

MAT 7701

(n,He3) Levels

77-Ir-183

293 Kelvin Cross Sections



15

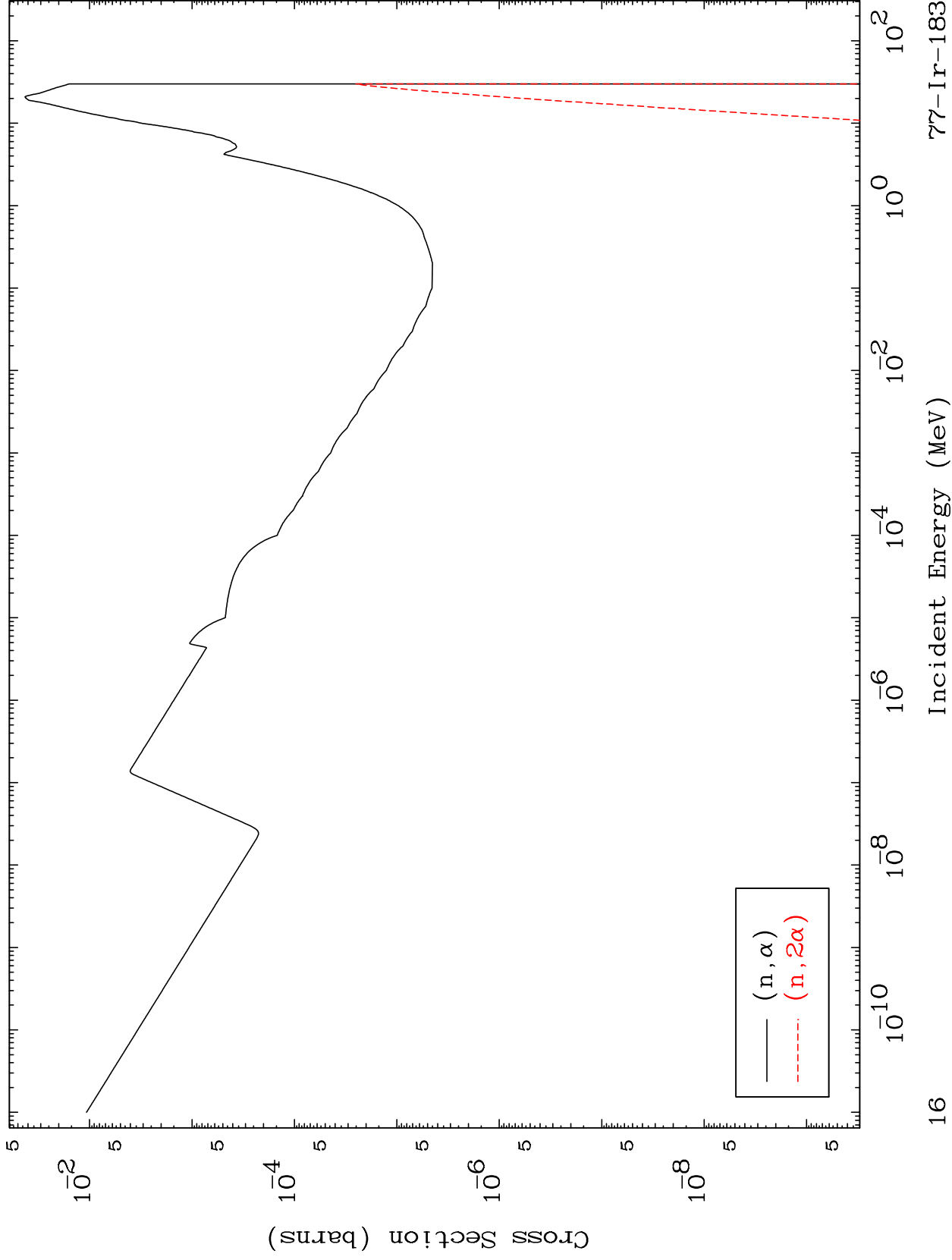
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,α) Levels
293 Kelvin Cross Sections

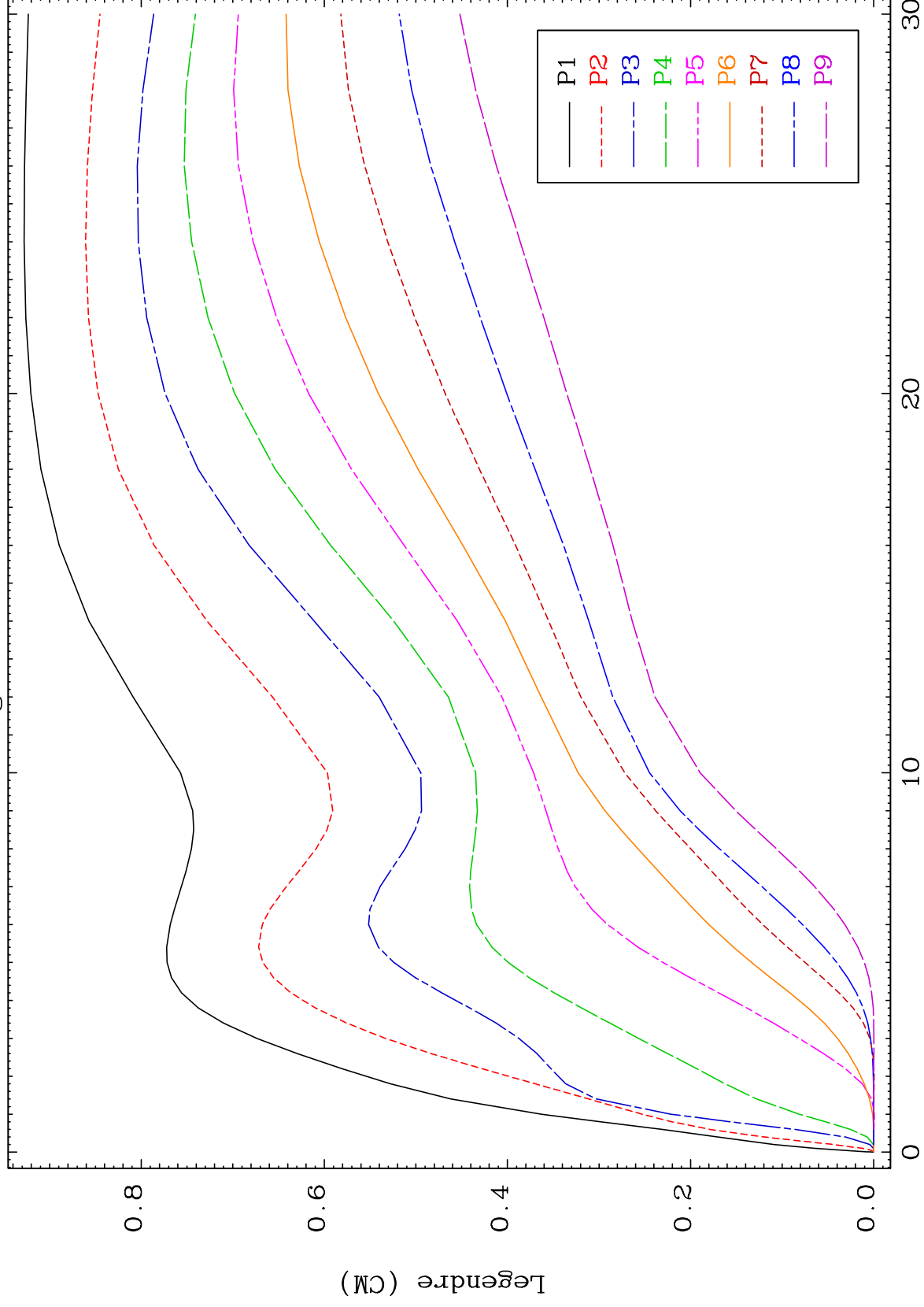
77-Ir-183



MAT 7701

Elastic Legendre Coefficients

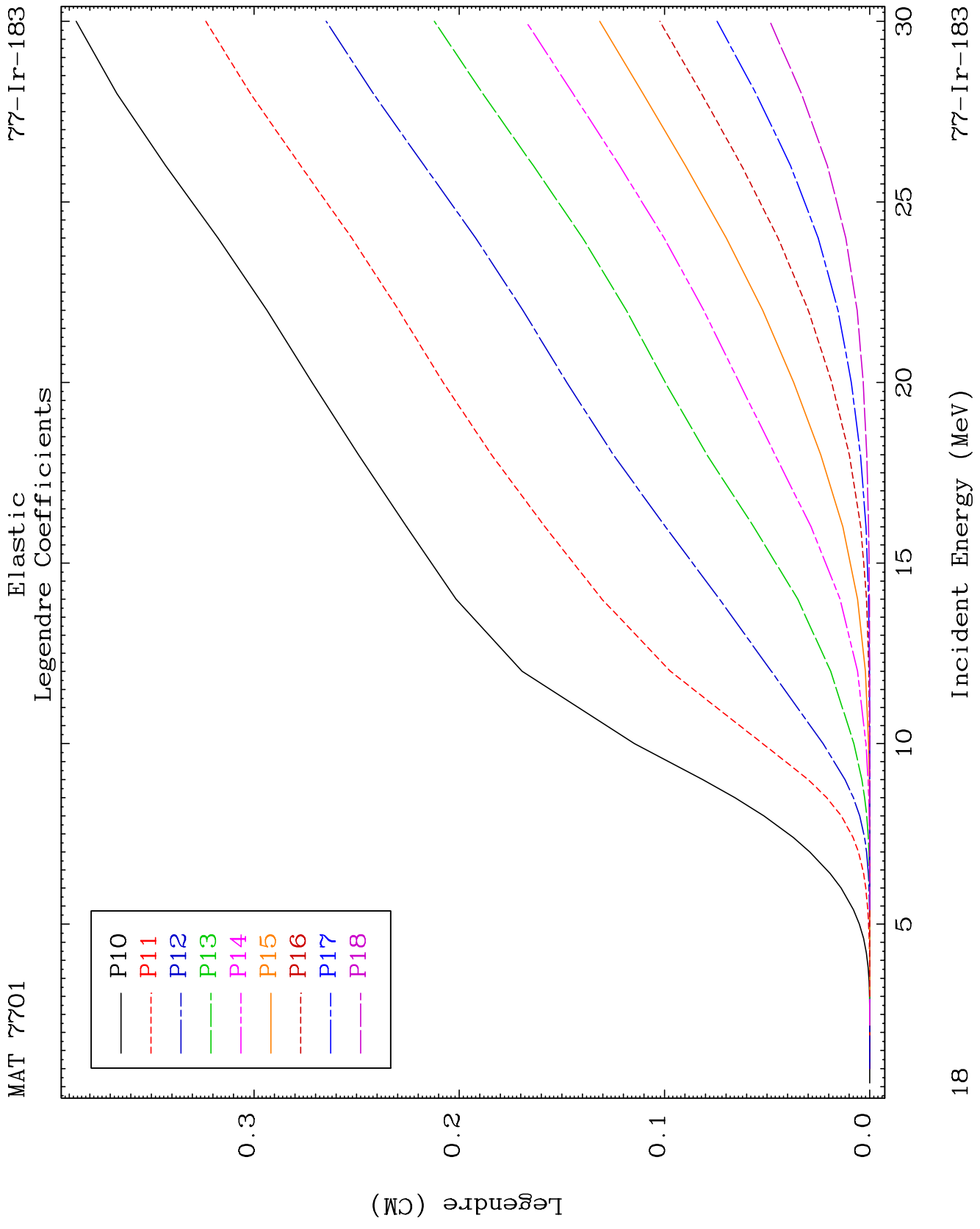
77-Ir-183



17

Incident Energy (MeV)

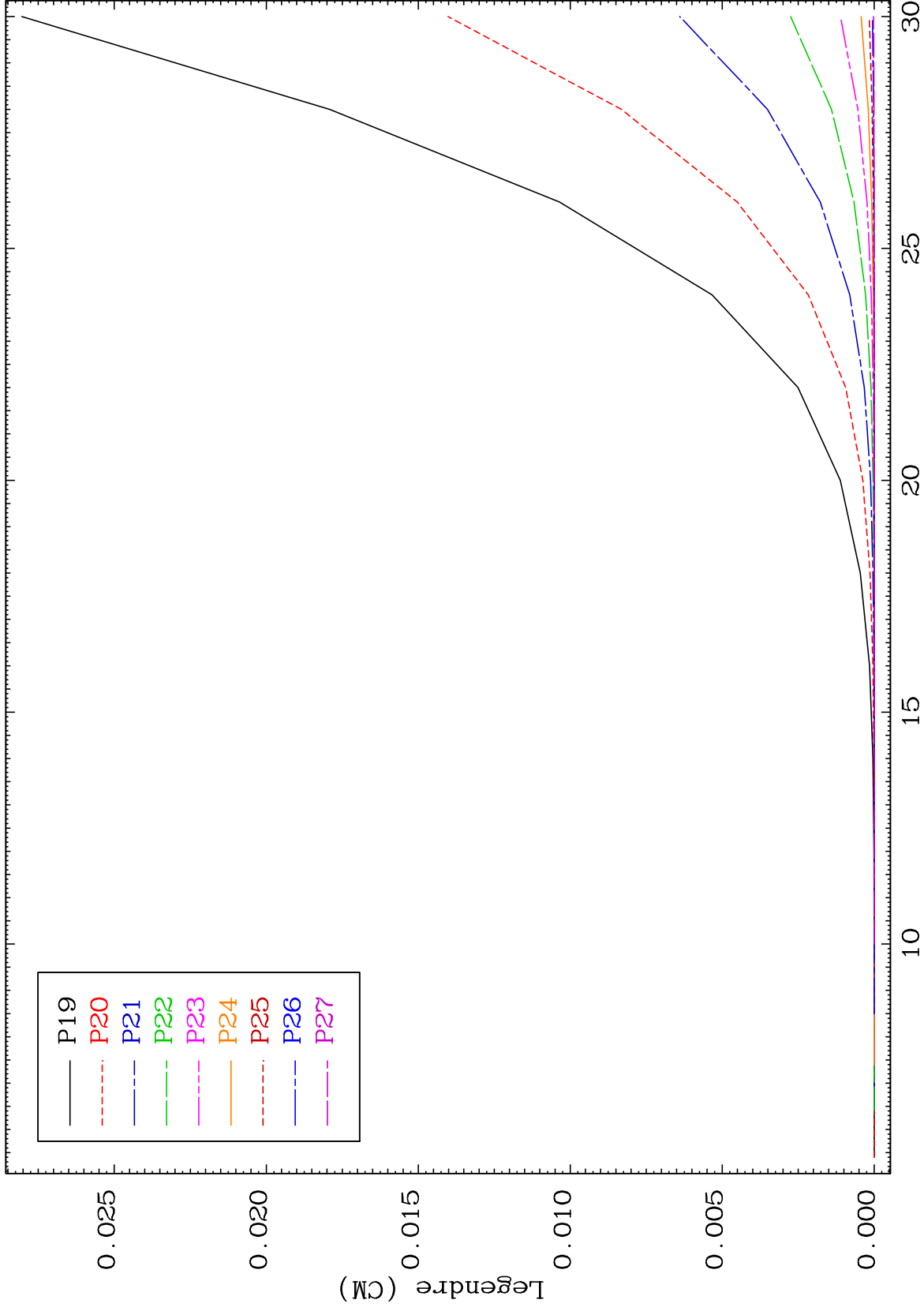
77-Ir-183



MAT 7701

Elastic Legendre Coefficients

77-Ir-183



19

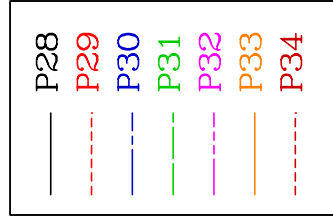
Incident Energy (MeV)

77-Ir-183

MAT 7701

Elastic
Legendre Coefficients

77-Ir-183



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

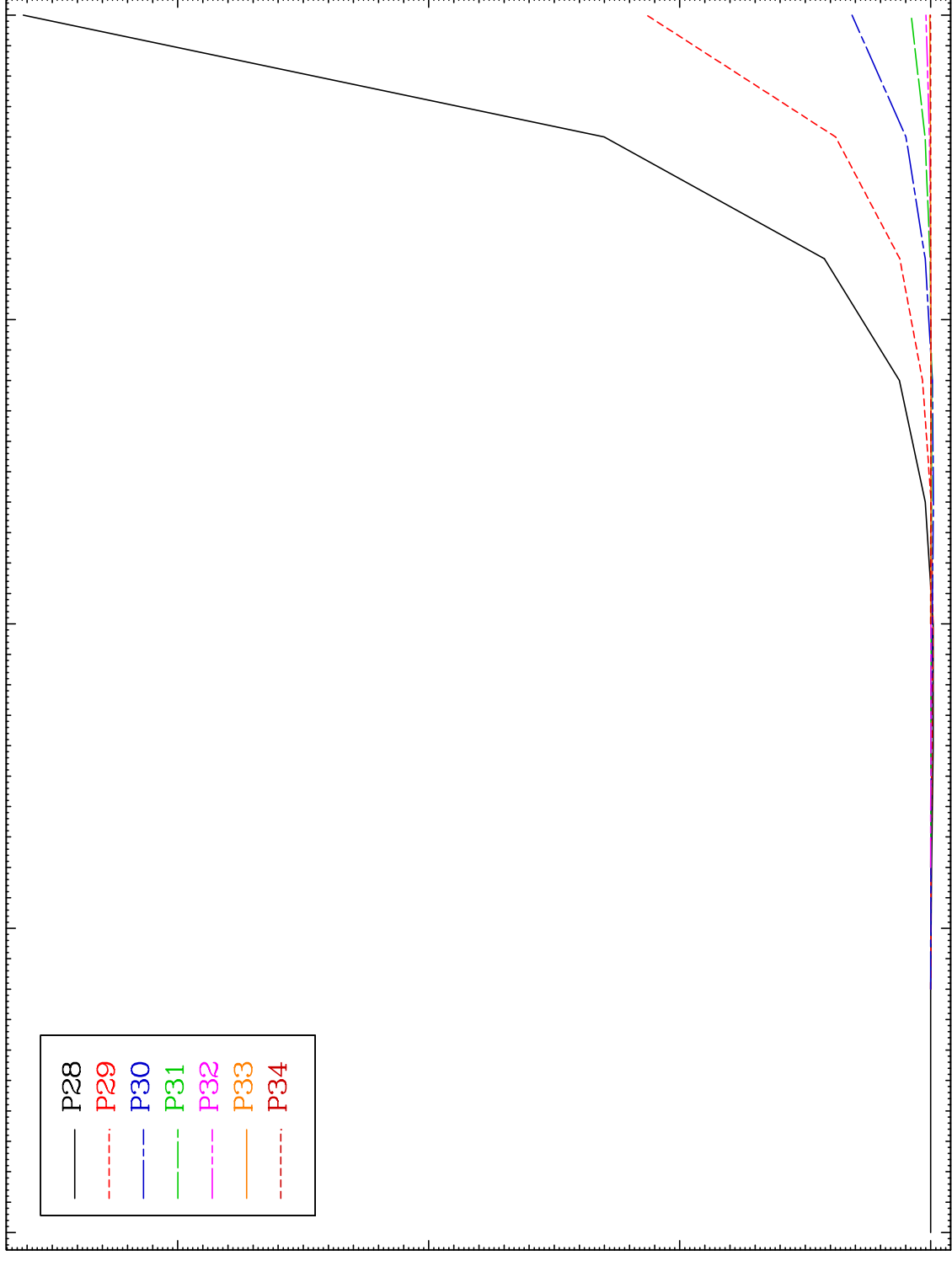
25

30

20

Incident Energy (MeV)

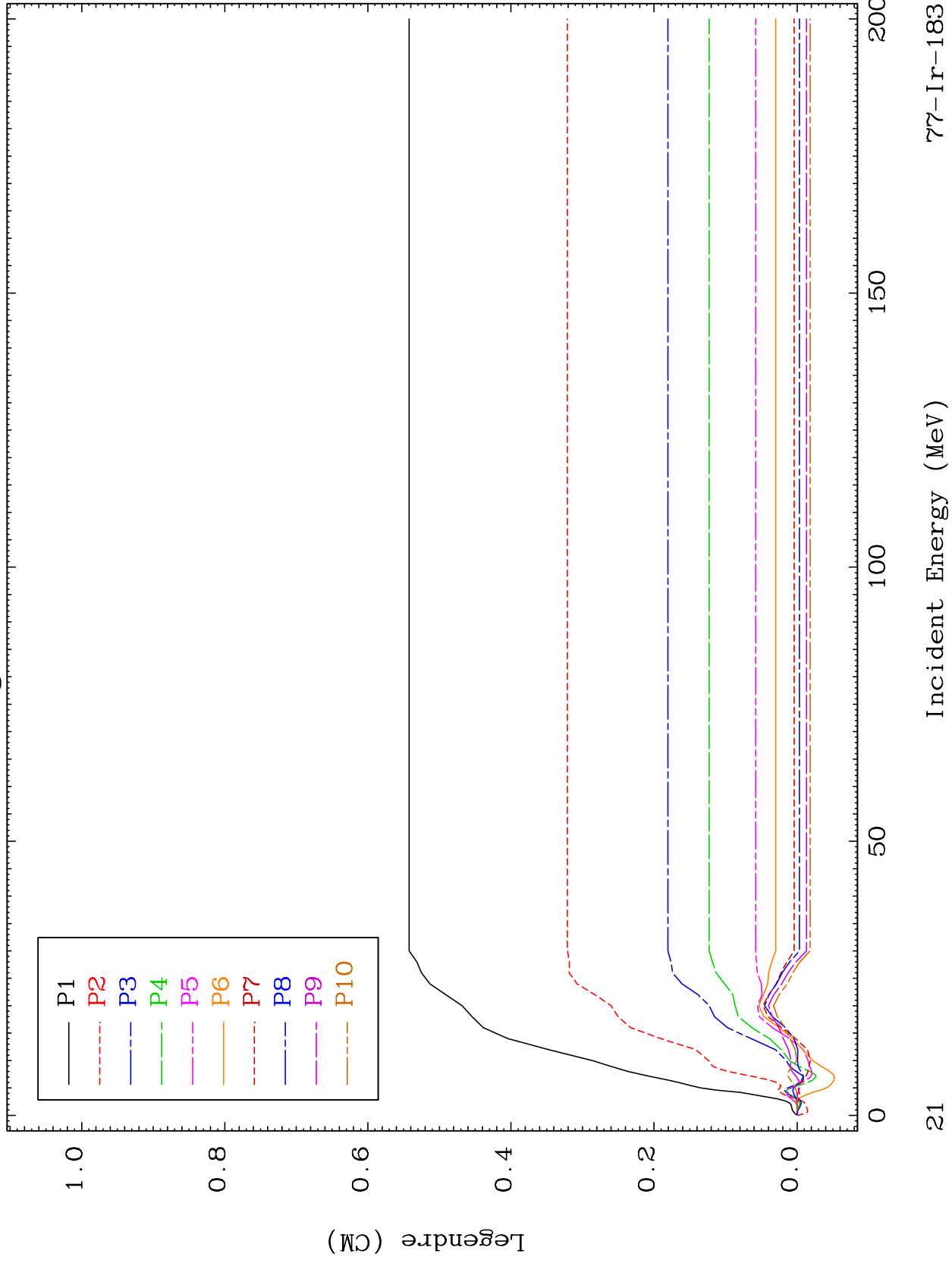
77-Ir-183



MAT 7701

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

77-Ir-183



21

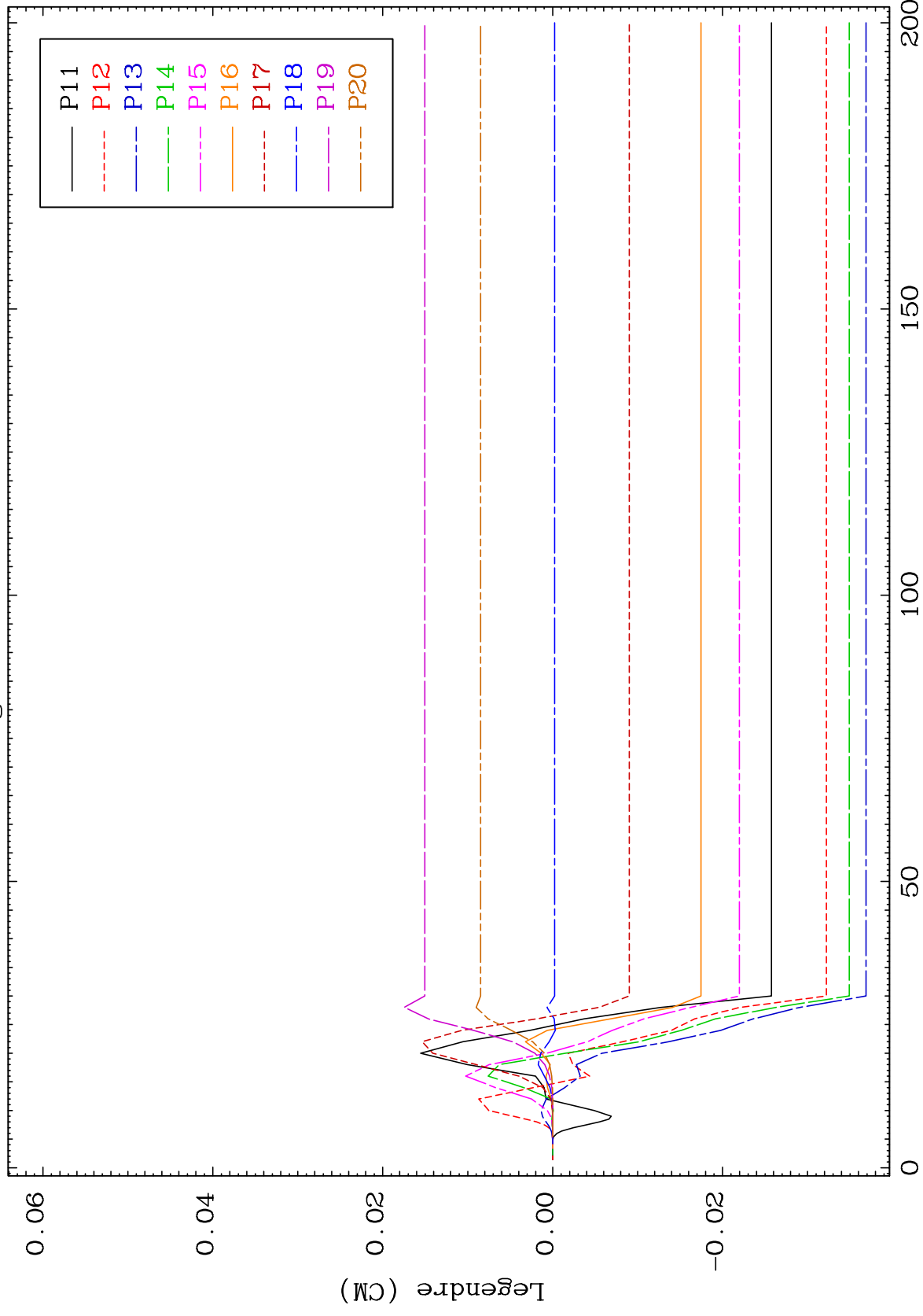
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

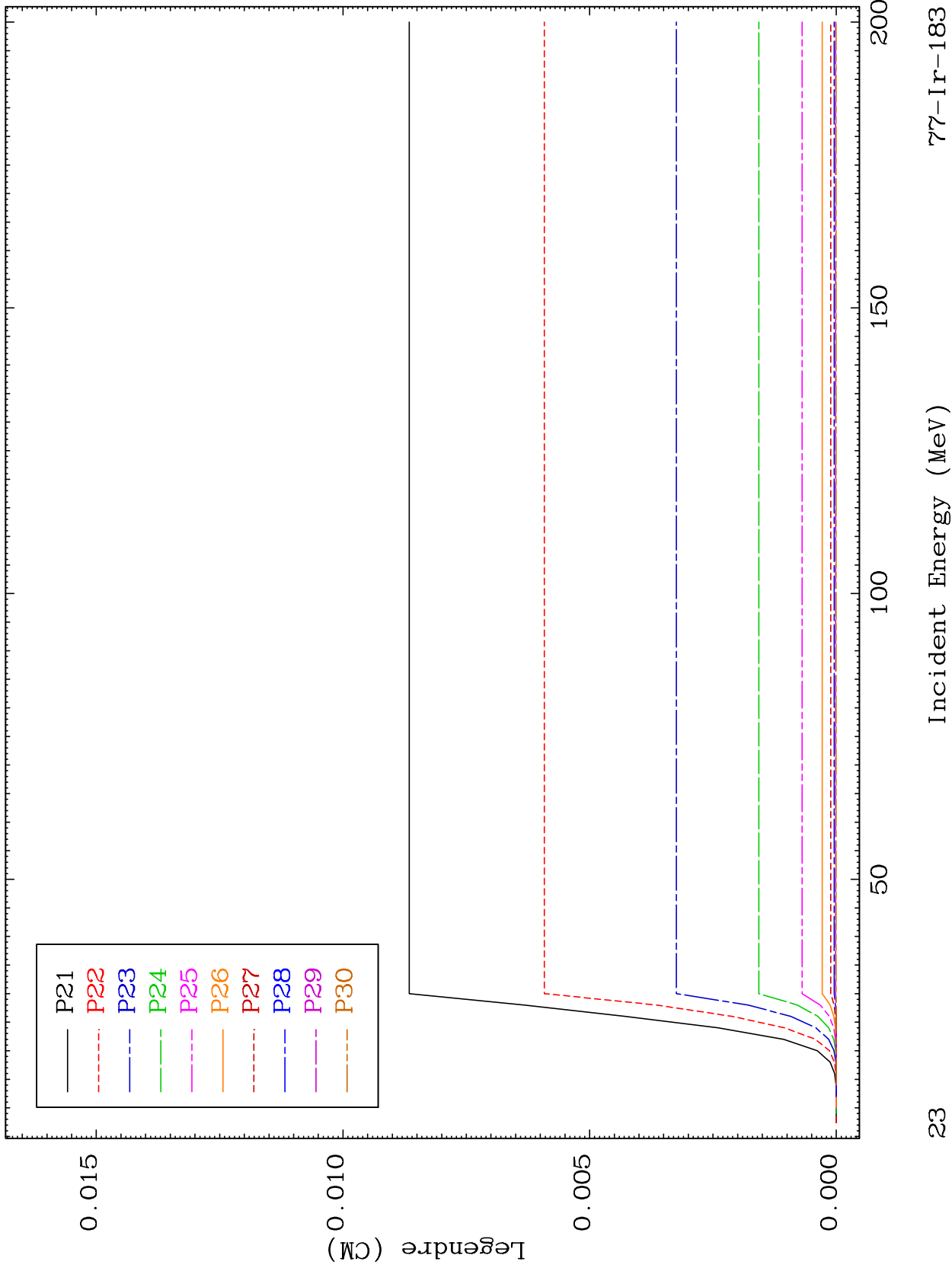
77-Ir-183



22

Incident Energy (MeV)

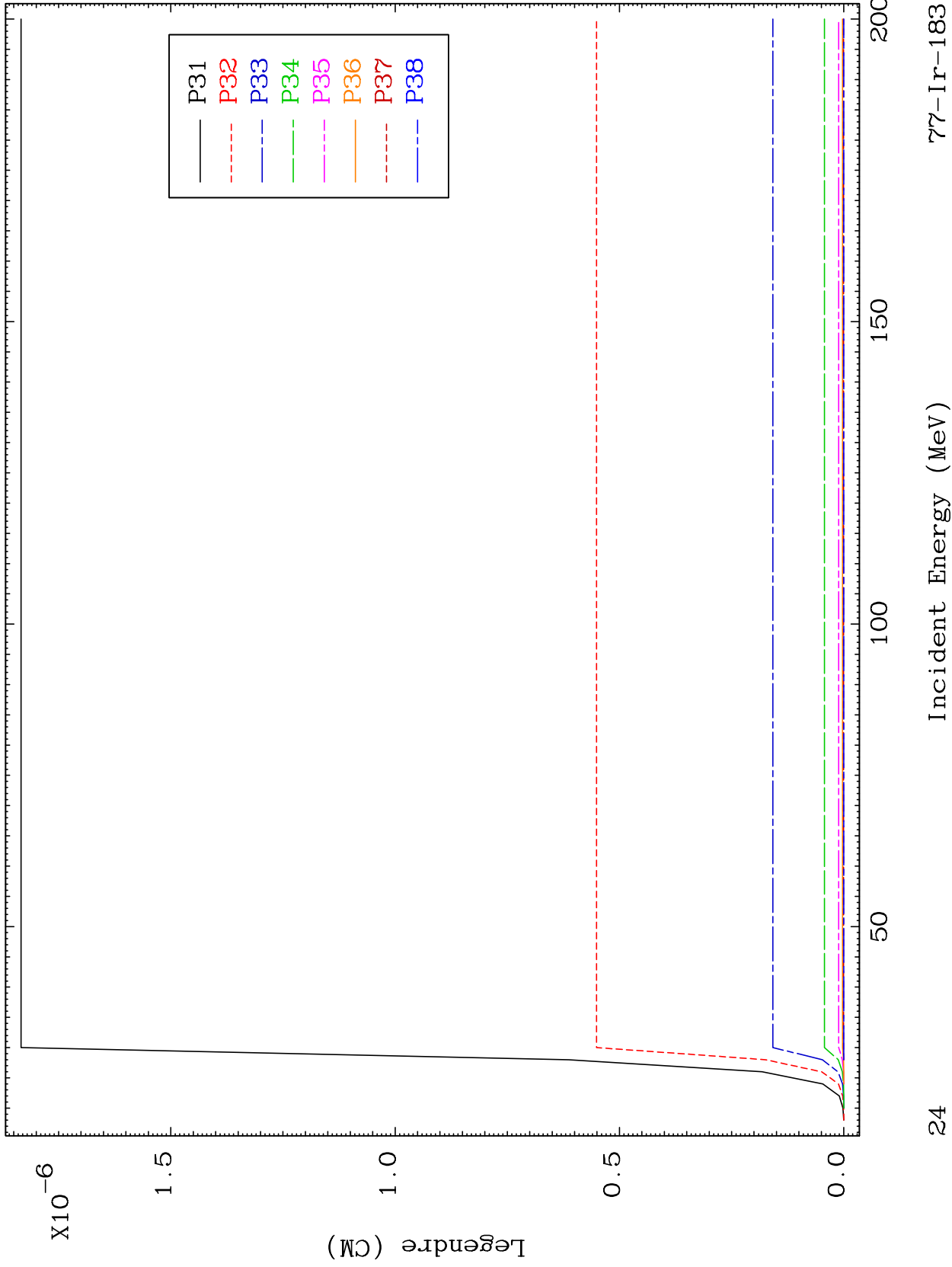
77-Ir-183



MAT 7701

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

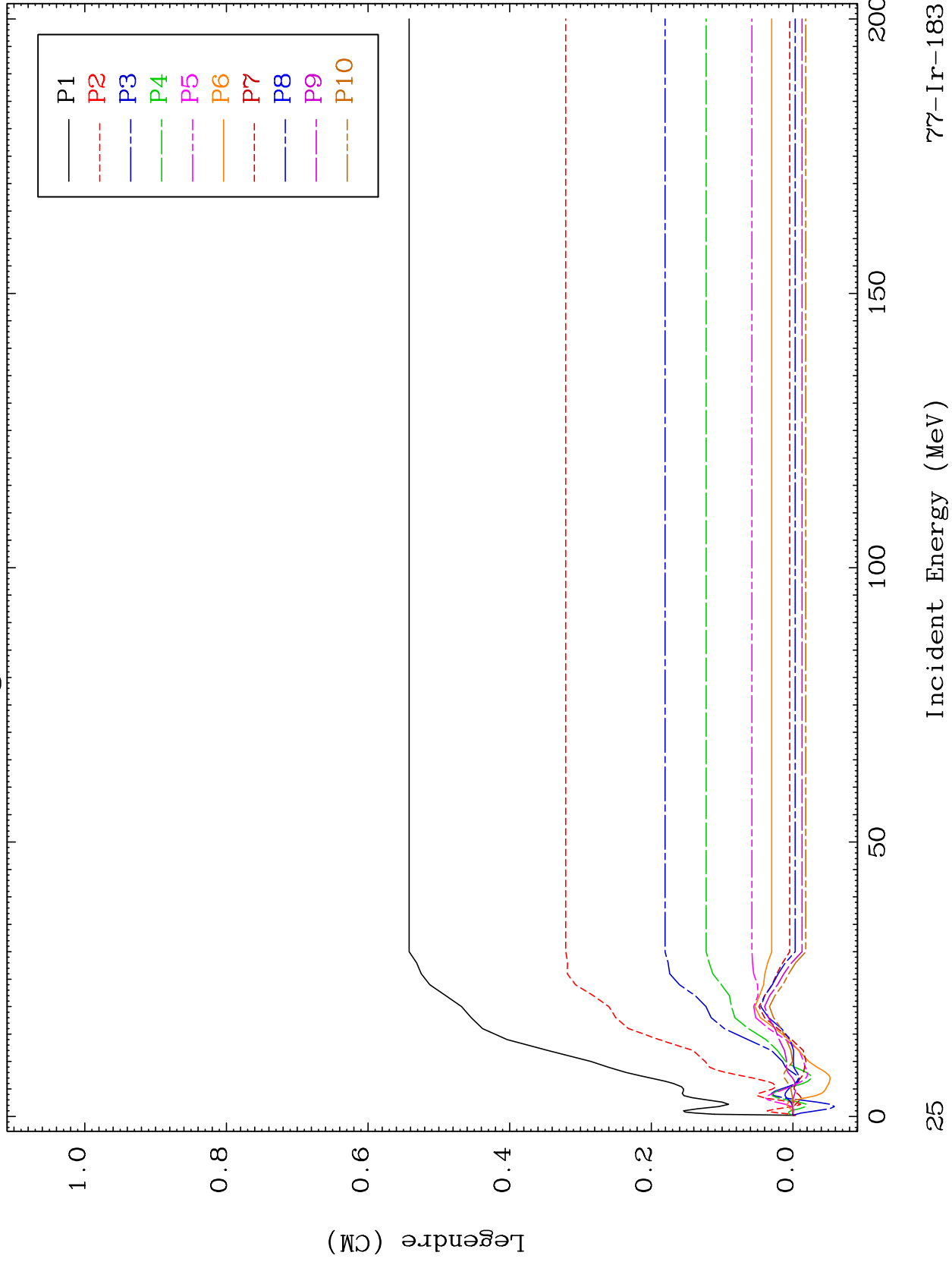
77-Ir-183

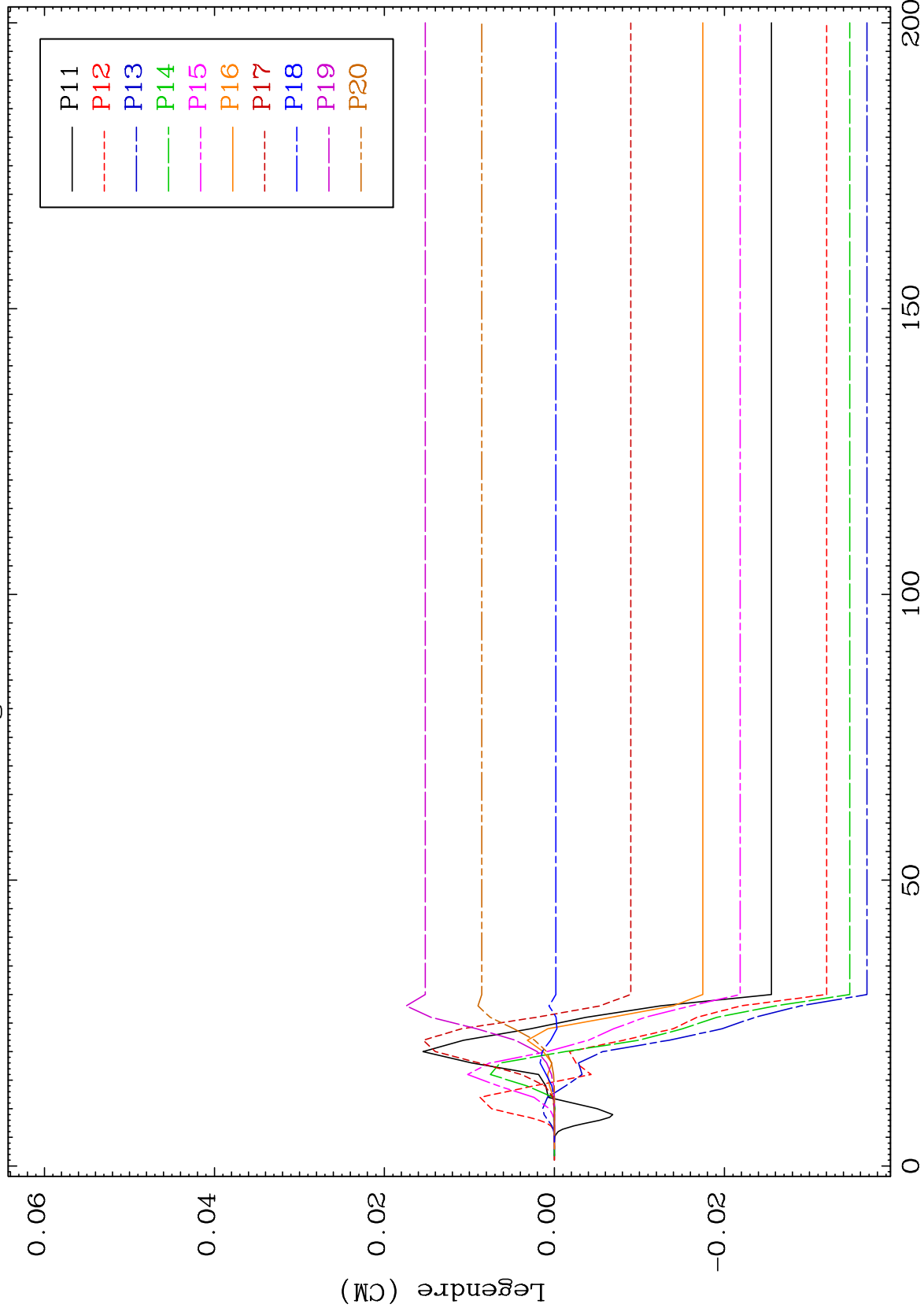


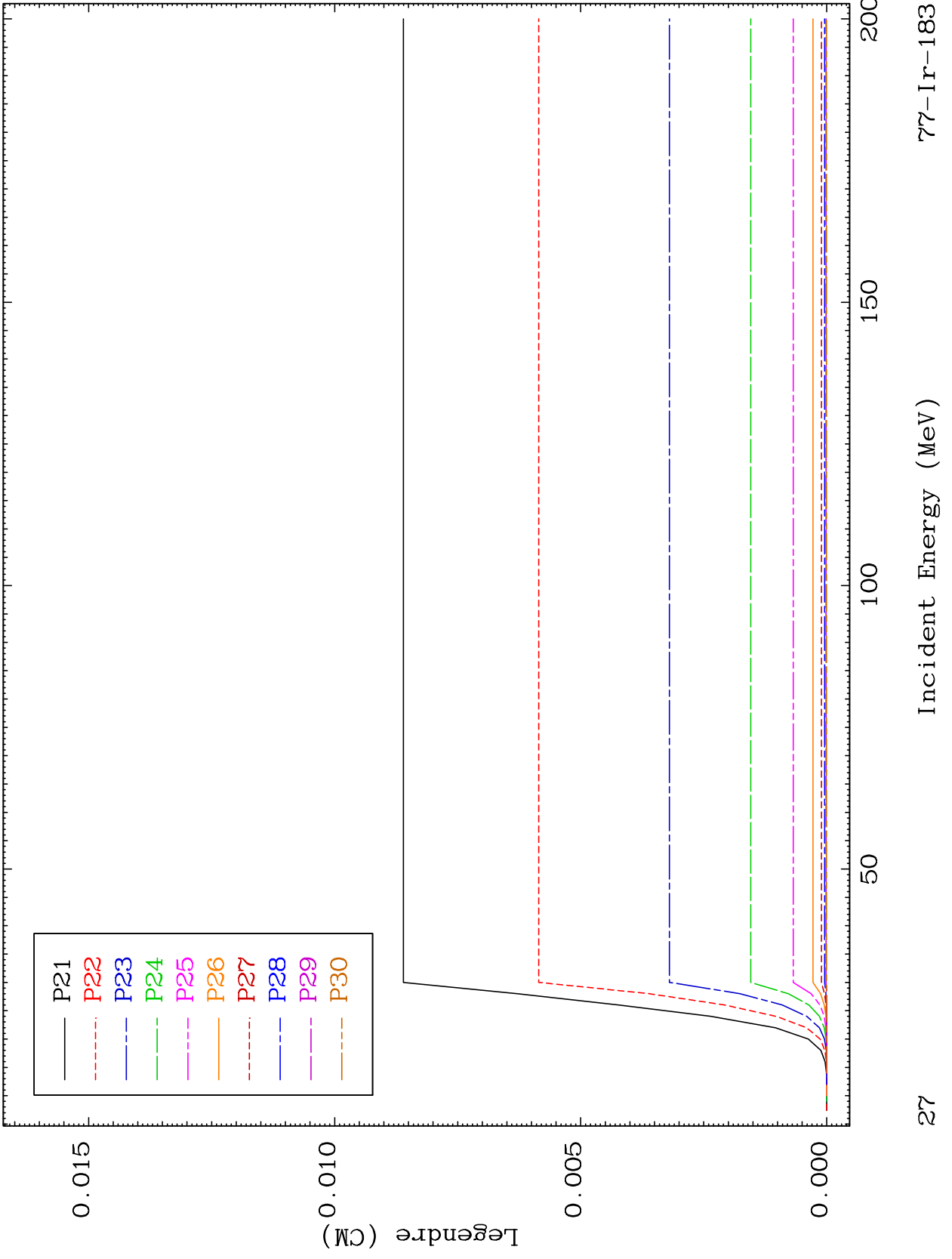
MAT 7701

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

77-Ir-183



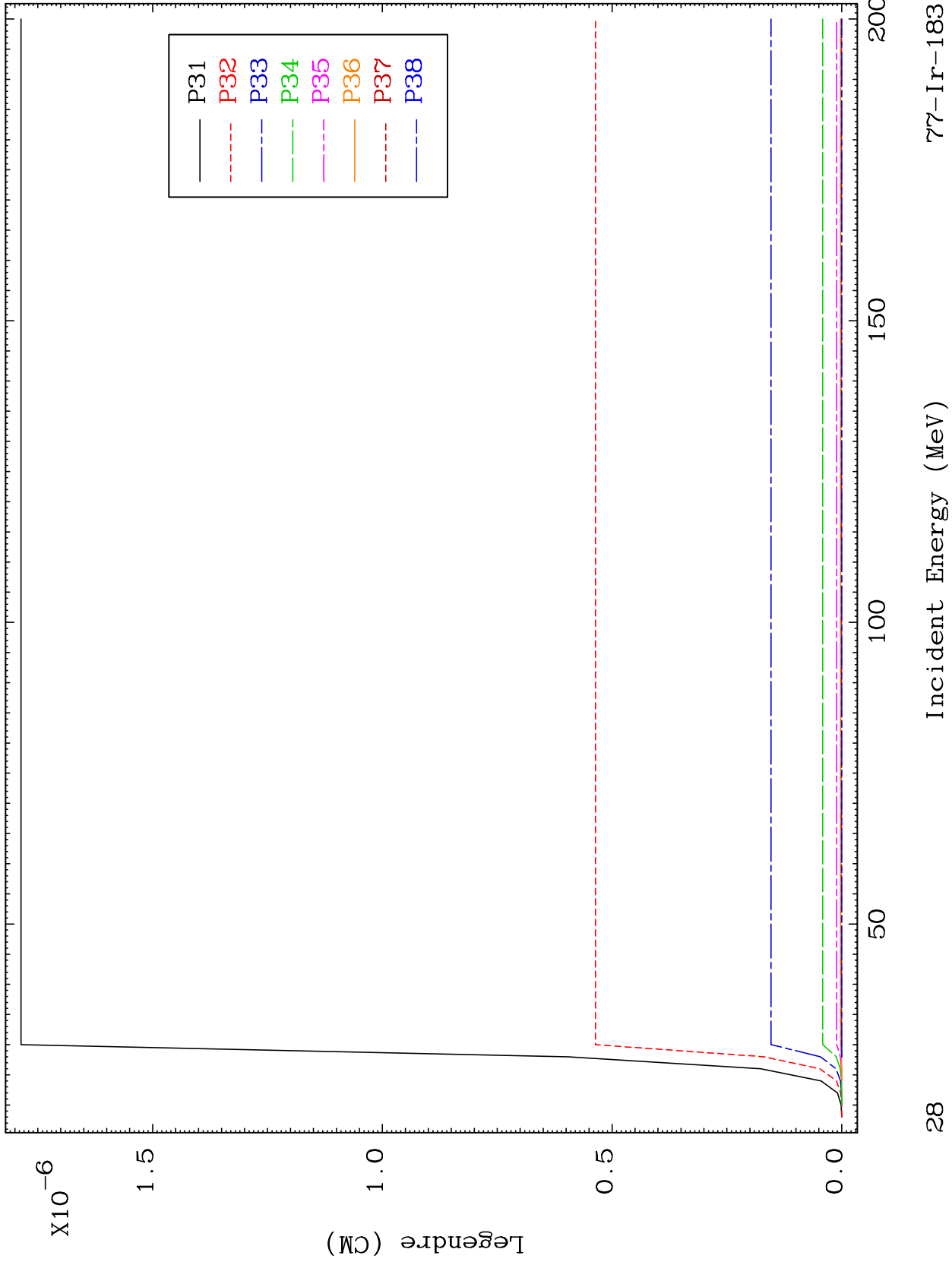




MAT 7701

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

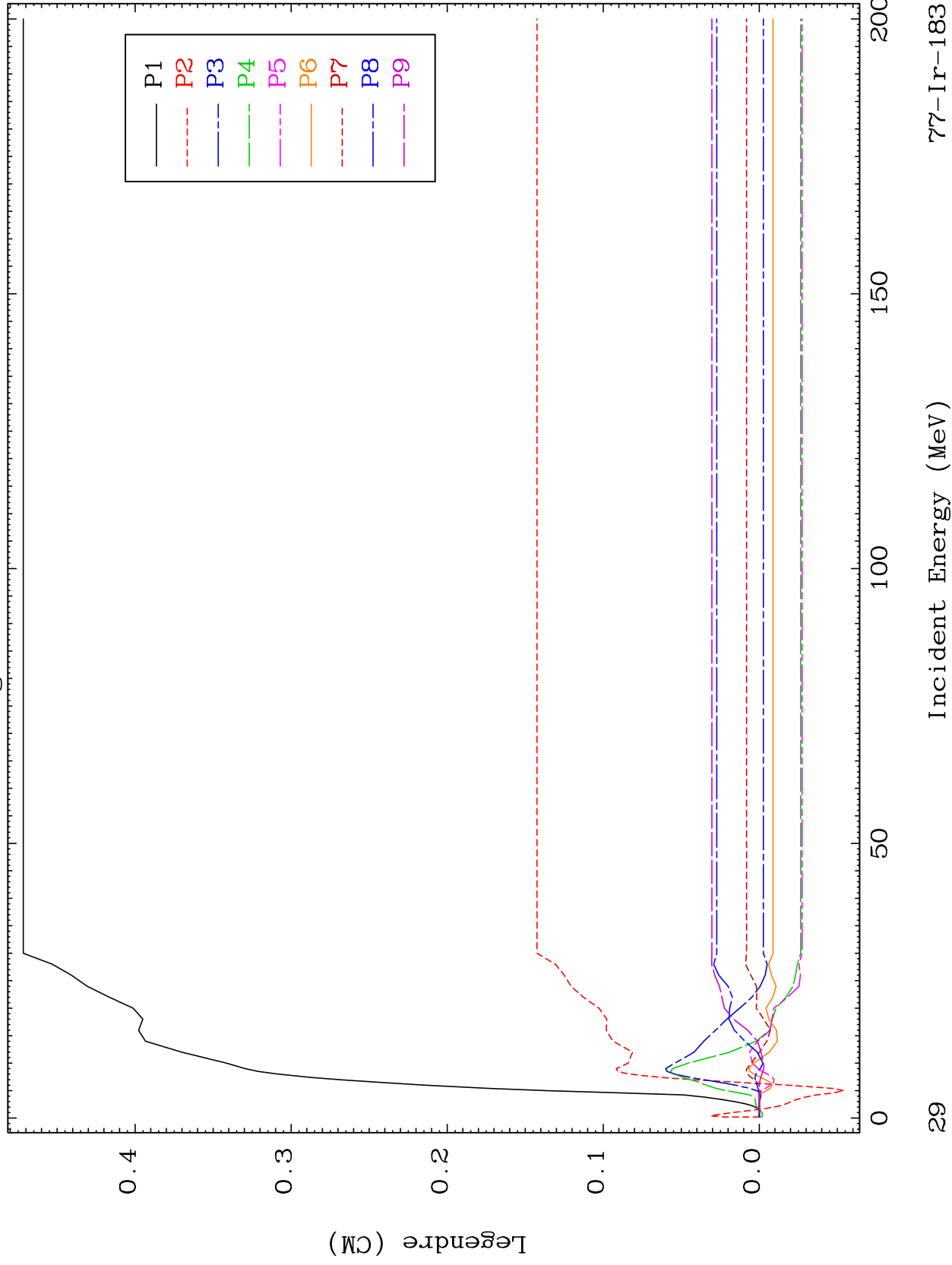
77-Ir-183



28

Incident Energy (MeV)

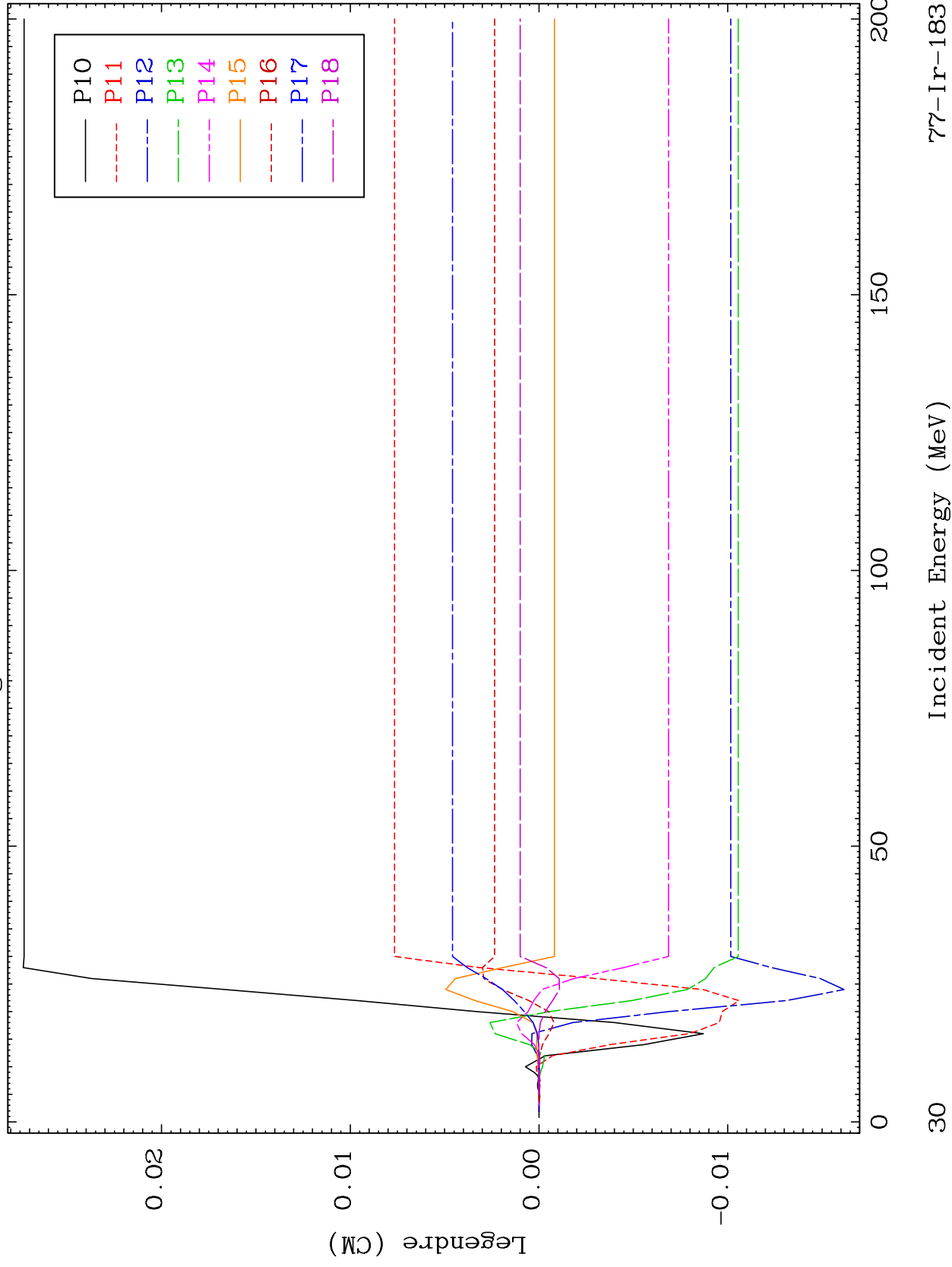
77-Ir-183



MAT 7701

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

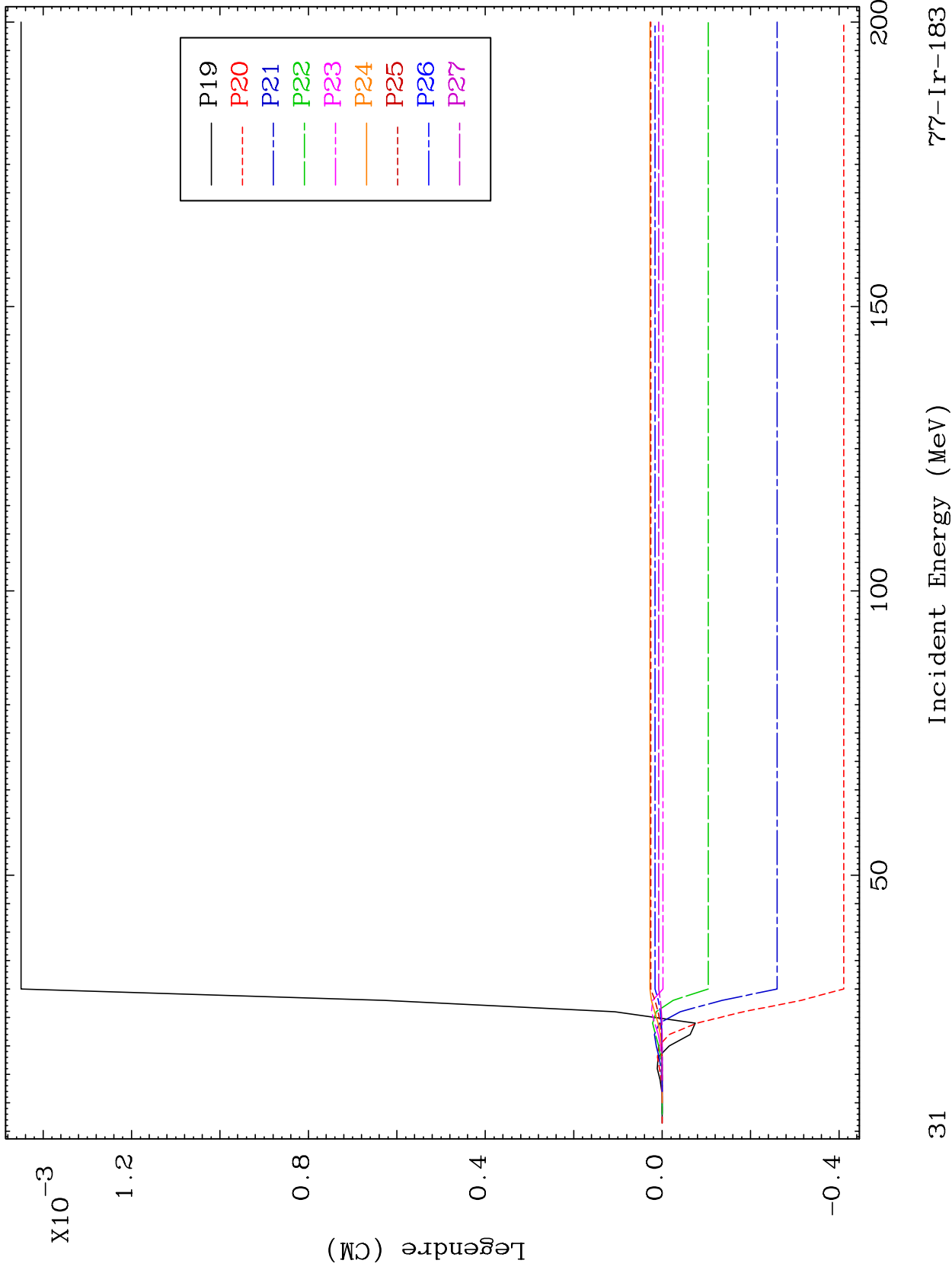
77-Ir-183



77-Ir-183

Incident Energy (MeV)

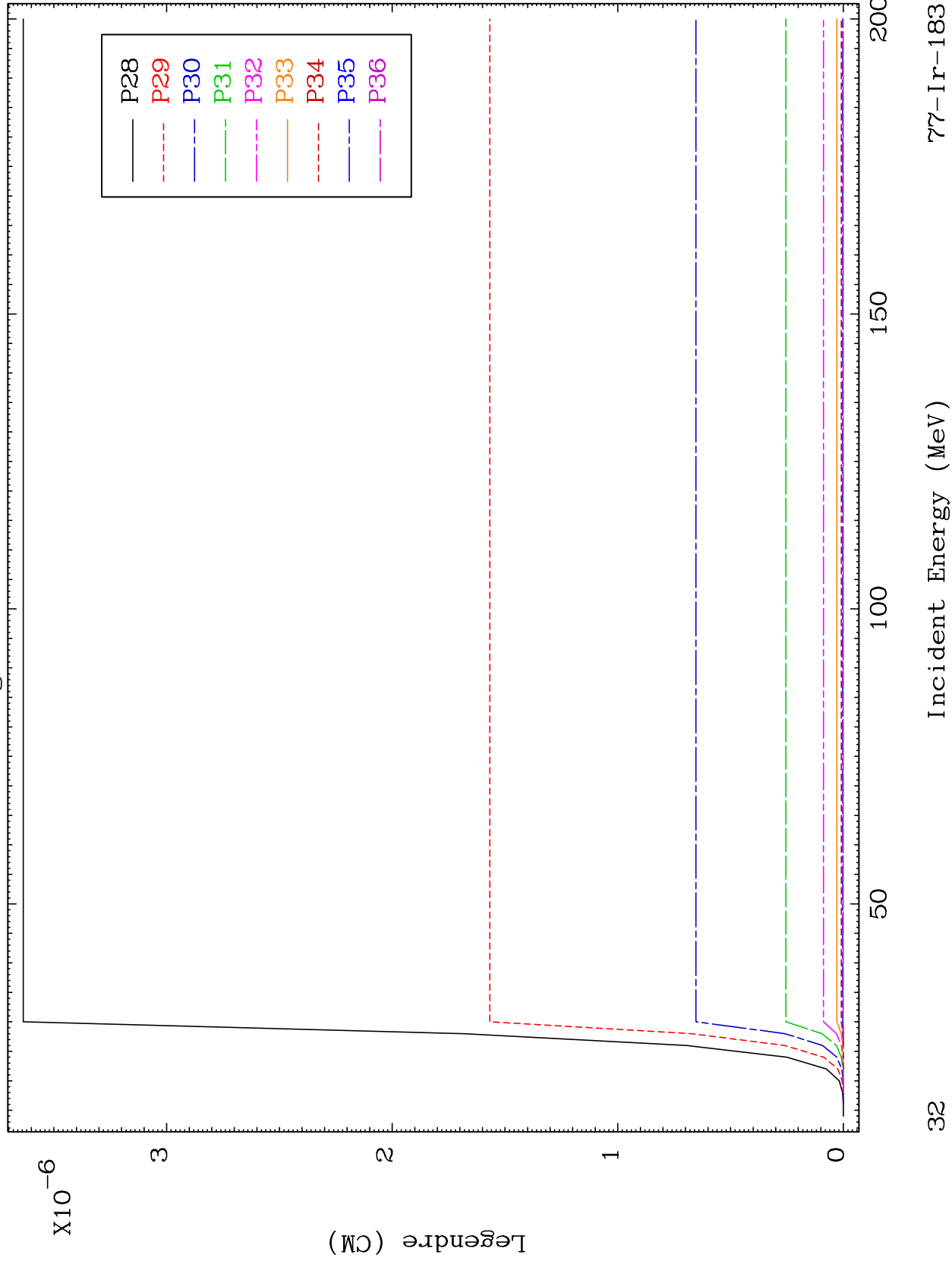
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MAT 7701

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

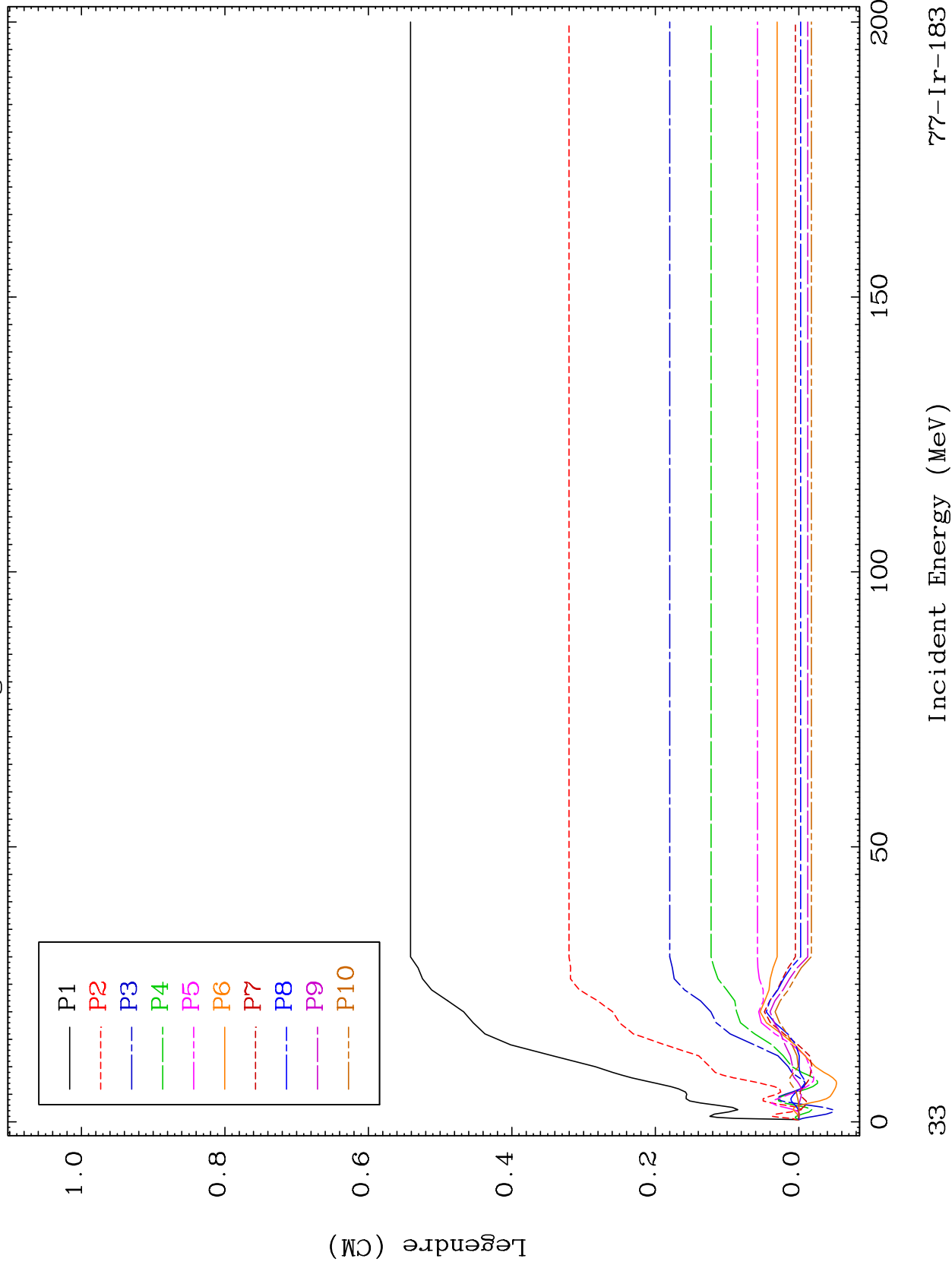
77-Ir-183



32

Incident Energy (MeV)

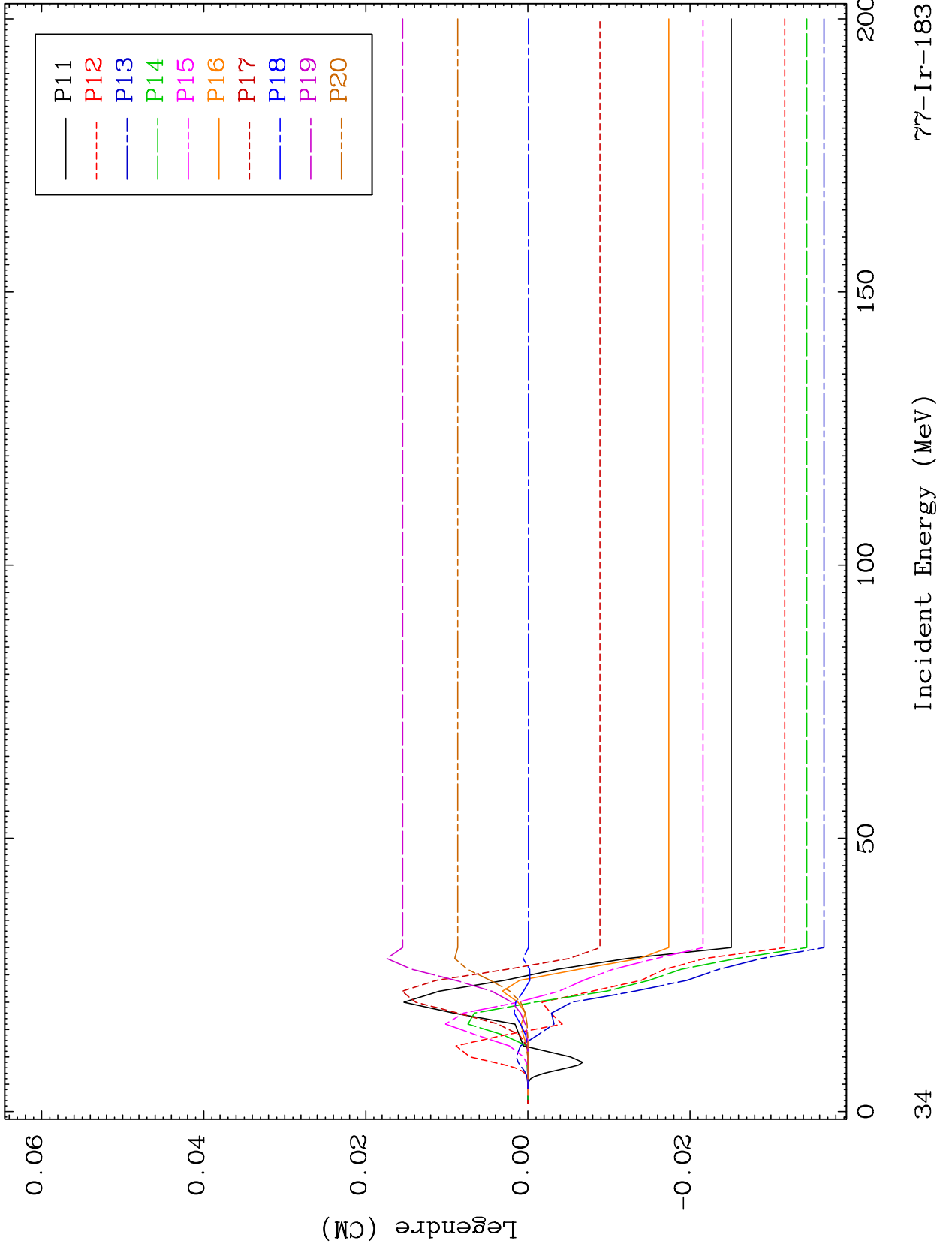
77-Ir-183



MAT 7701

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

77-Ir-183

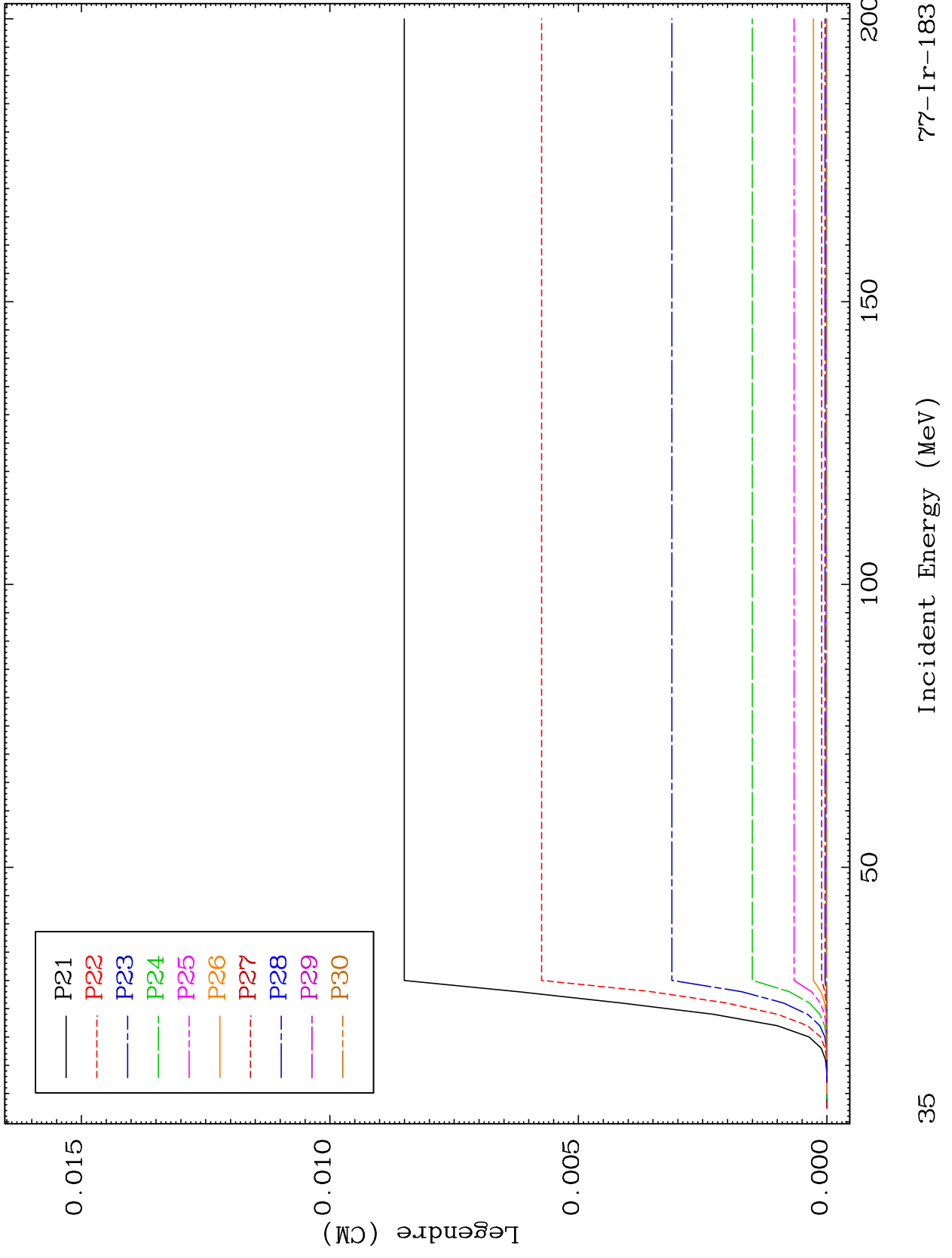


34

MAT 7701

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

77-Ir-183

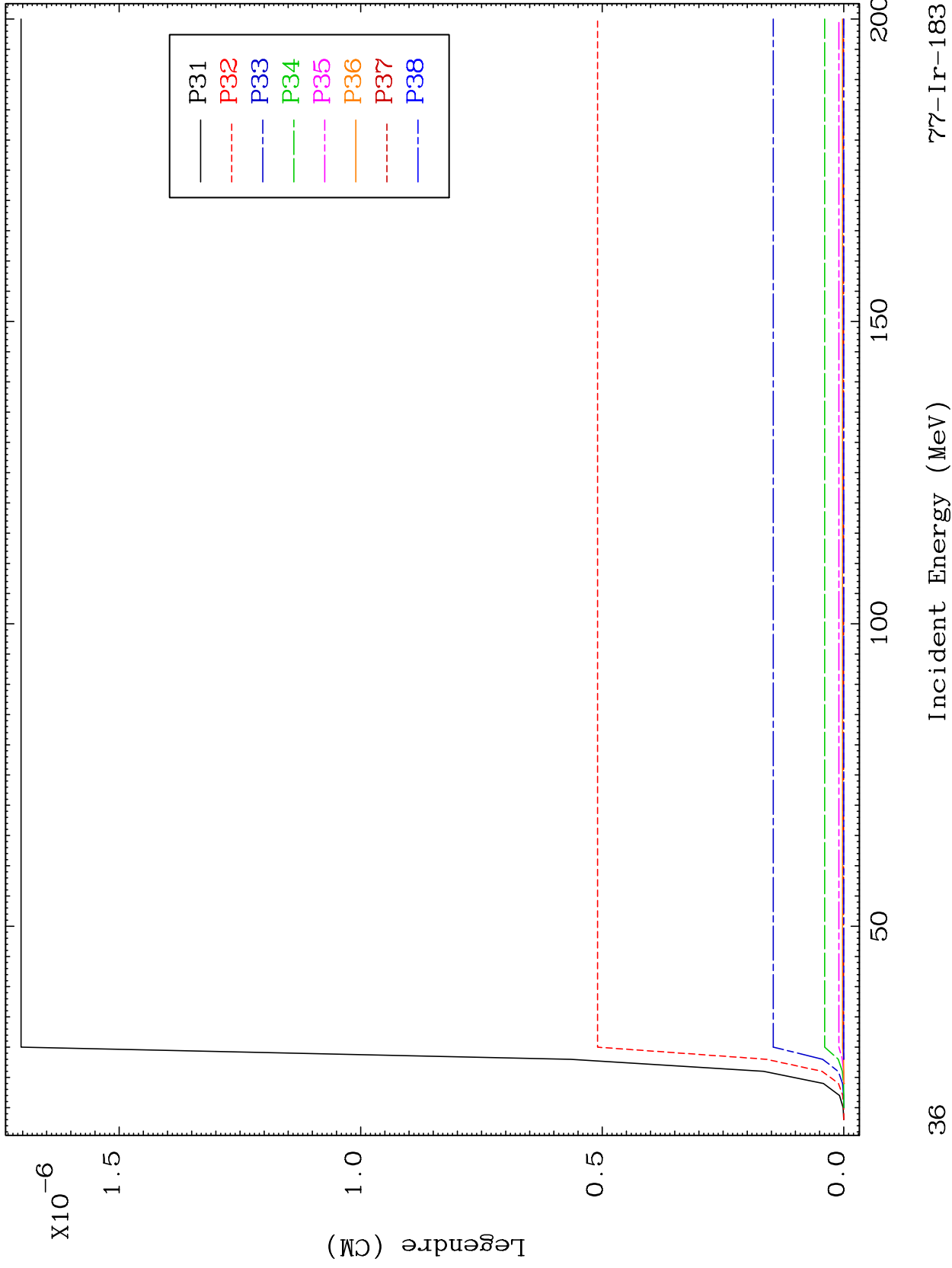


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MAT 7701

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

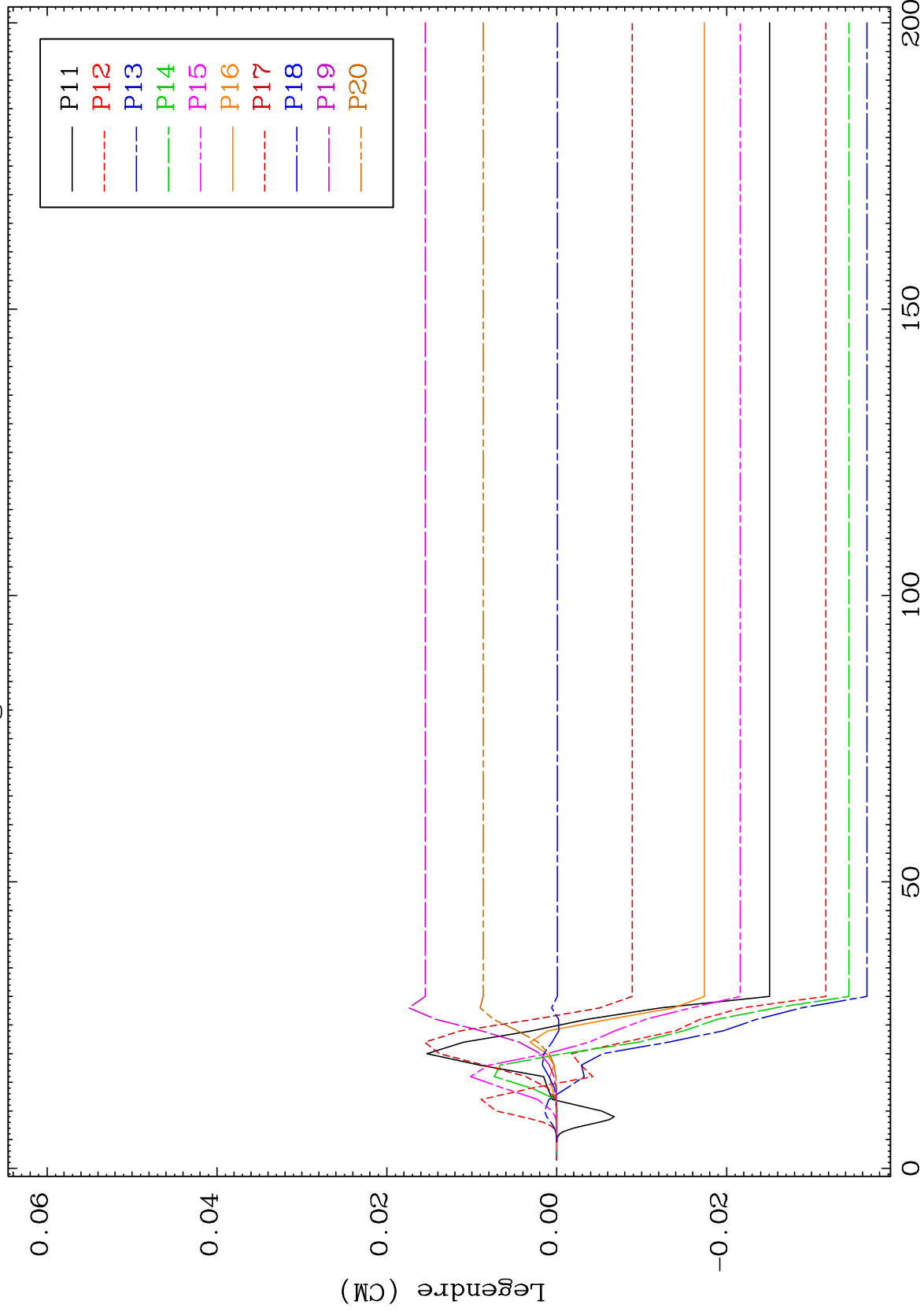
77-Ir-183



MAT 7701

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

77-Ir-183



38

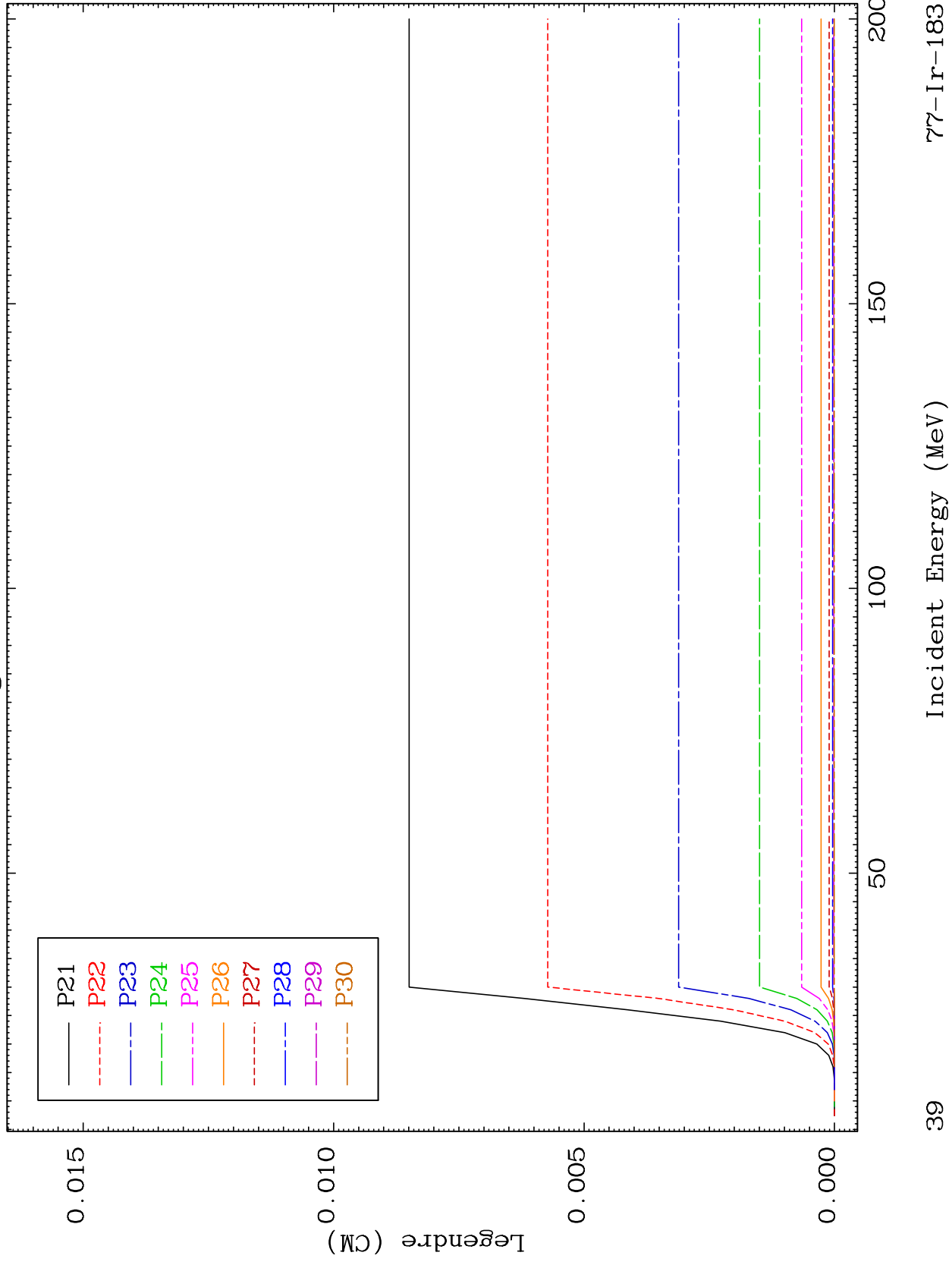
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



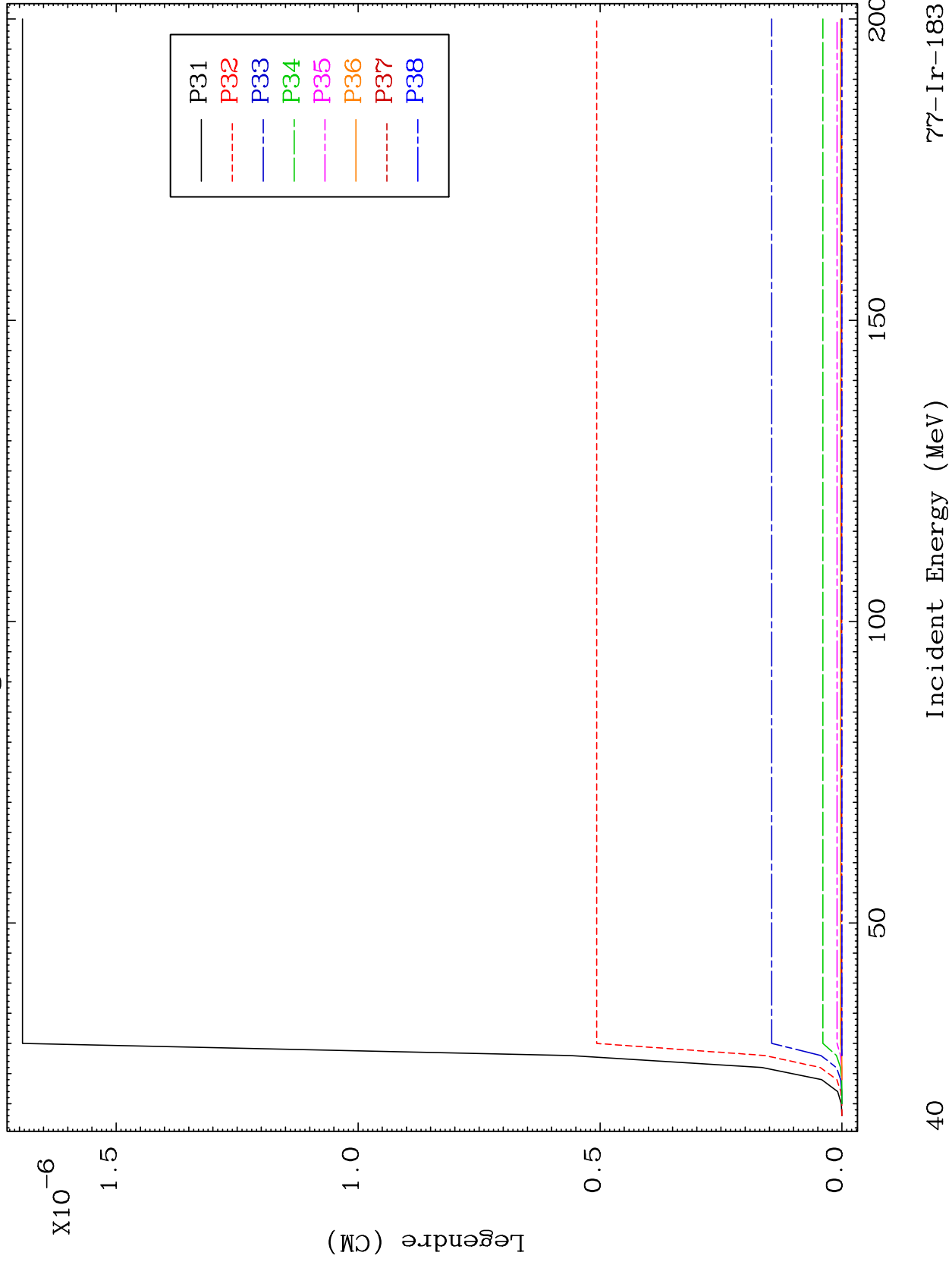
39

77-Ir-183

MAT 7701

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

77-Ir-183



77-Ir-183

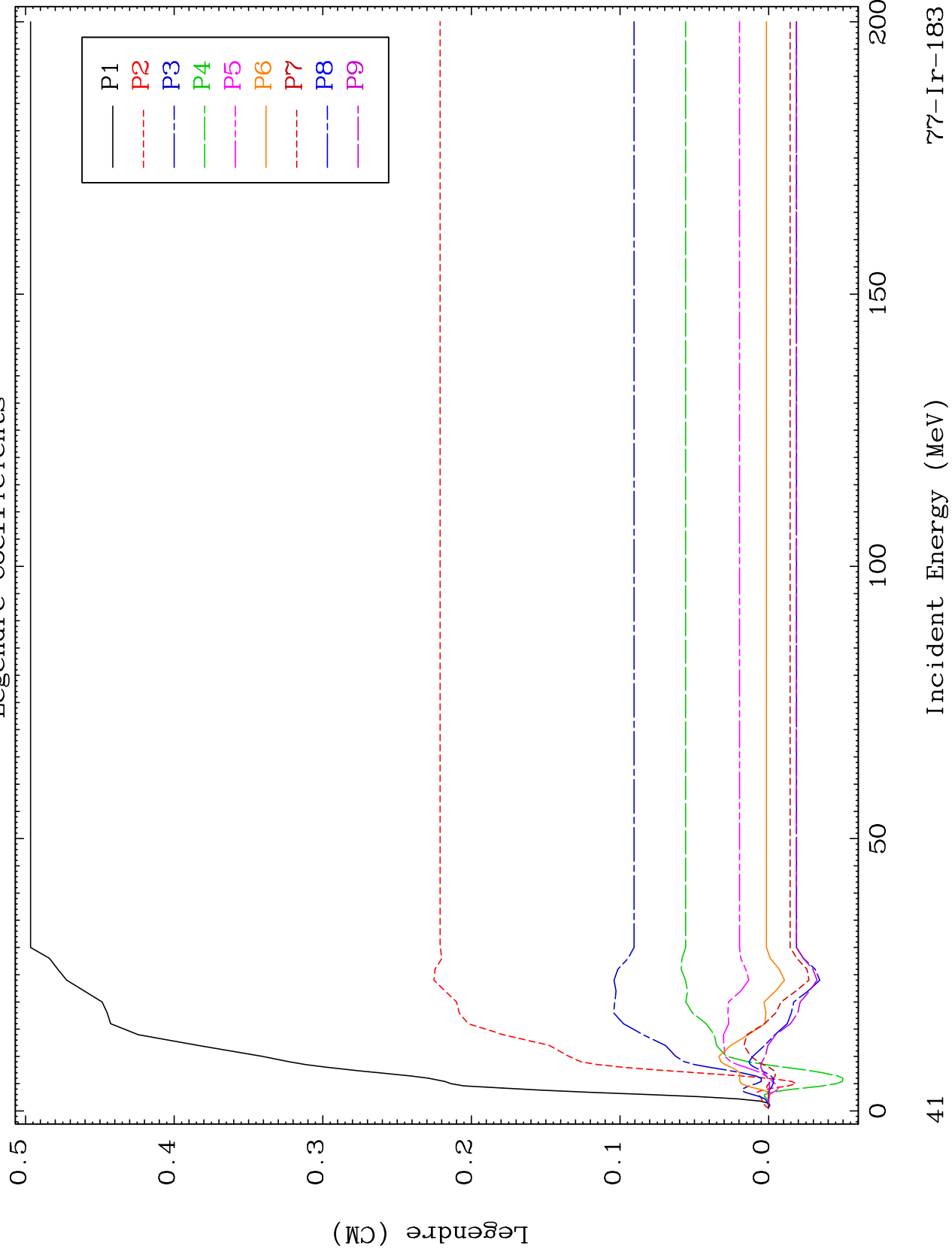
Incident Energy (MeV)

40

MAT 7701

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

77-Ir-183



77-Ir-183

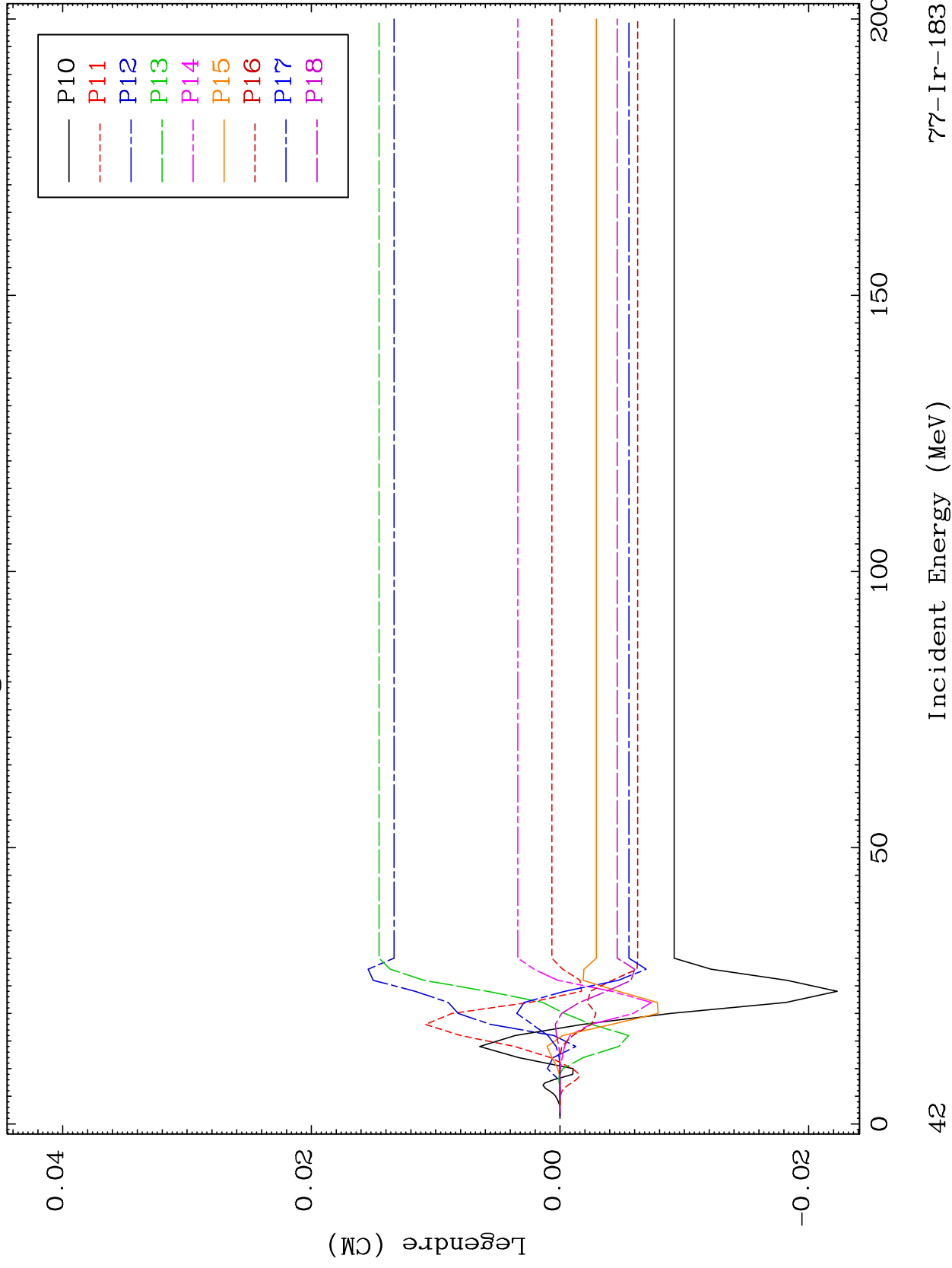
Incident Energy (MeV)

41

MAT 7701

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

77-Ir-183



77-Ir-183

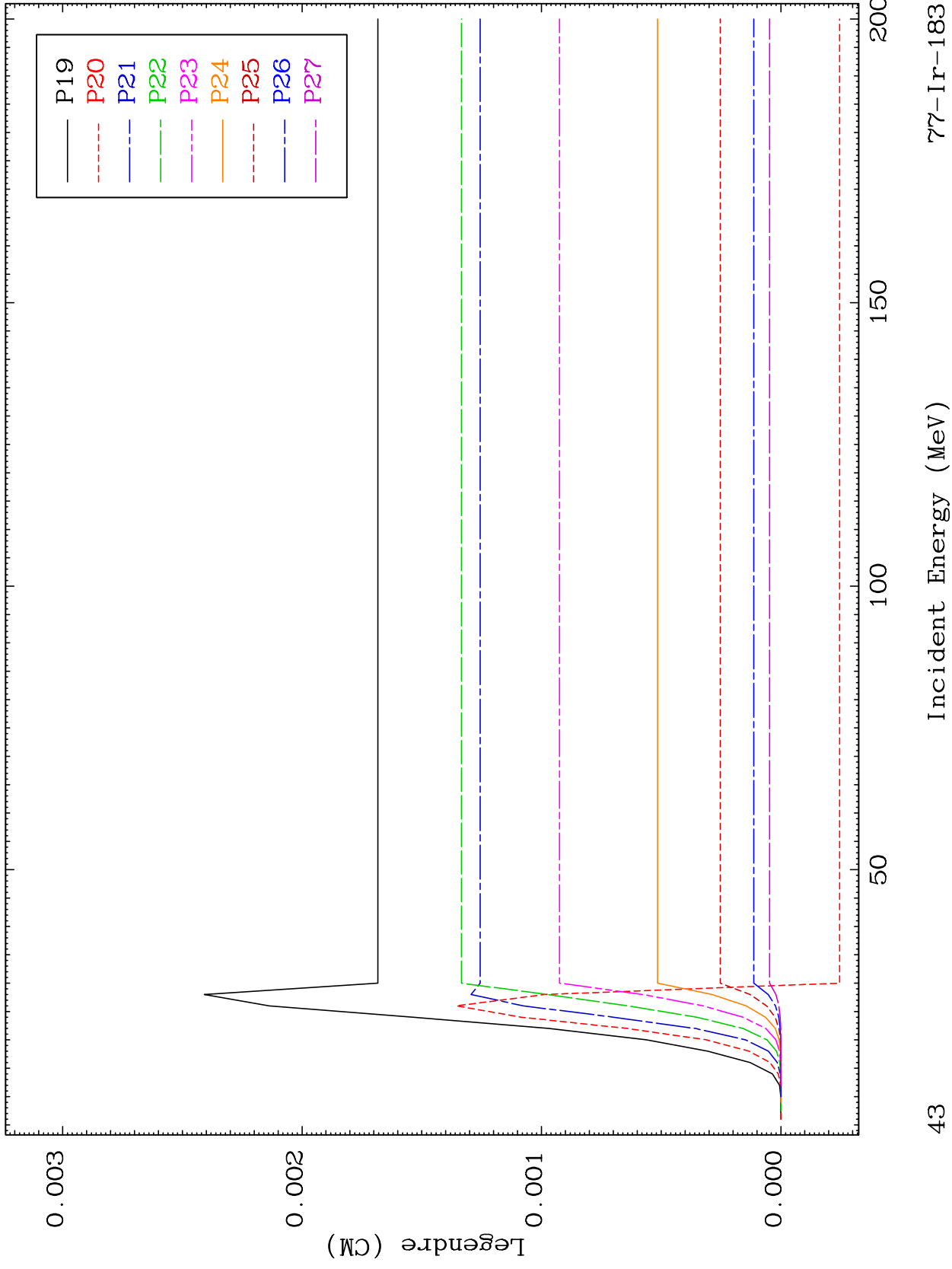
Incident Energy (MeV)

42

MAT 7701

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

77-Ir-183



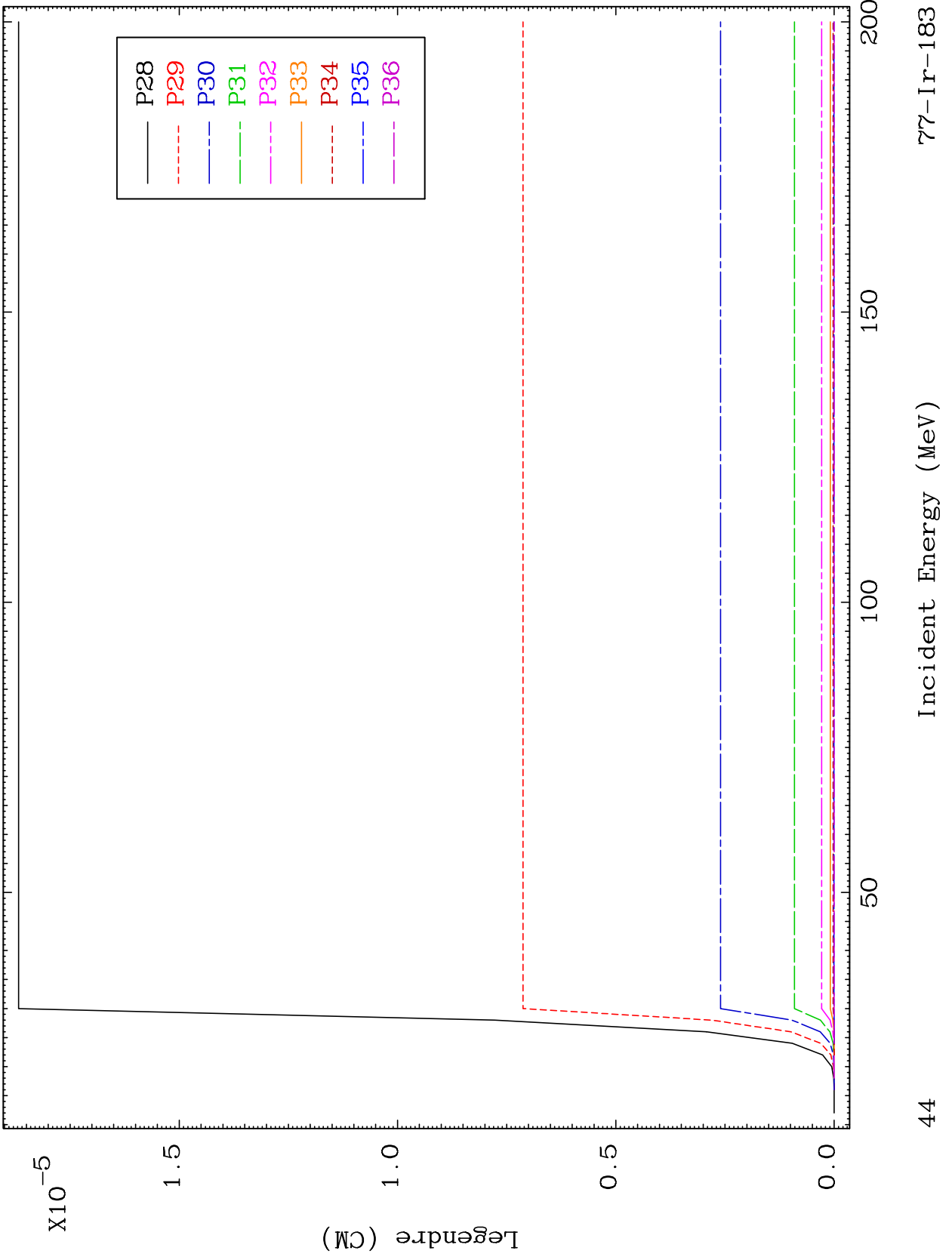
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77-Ir-183

MAT 7701

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

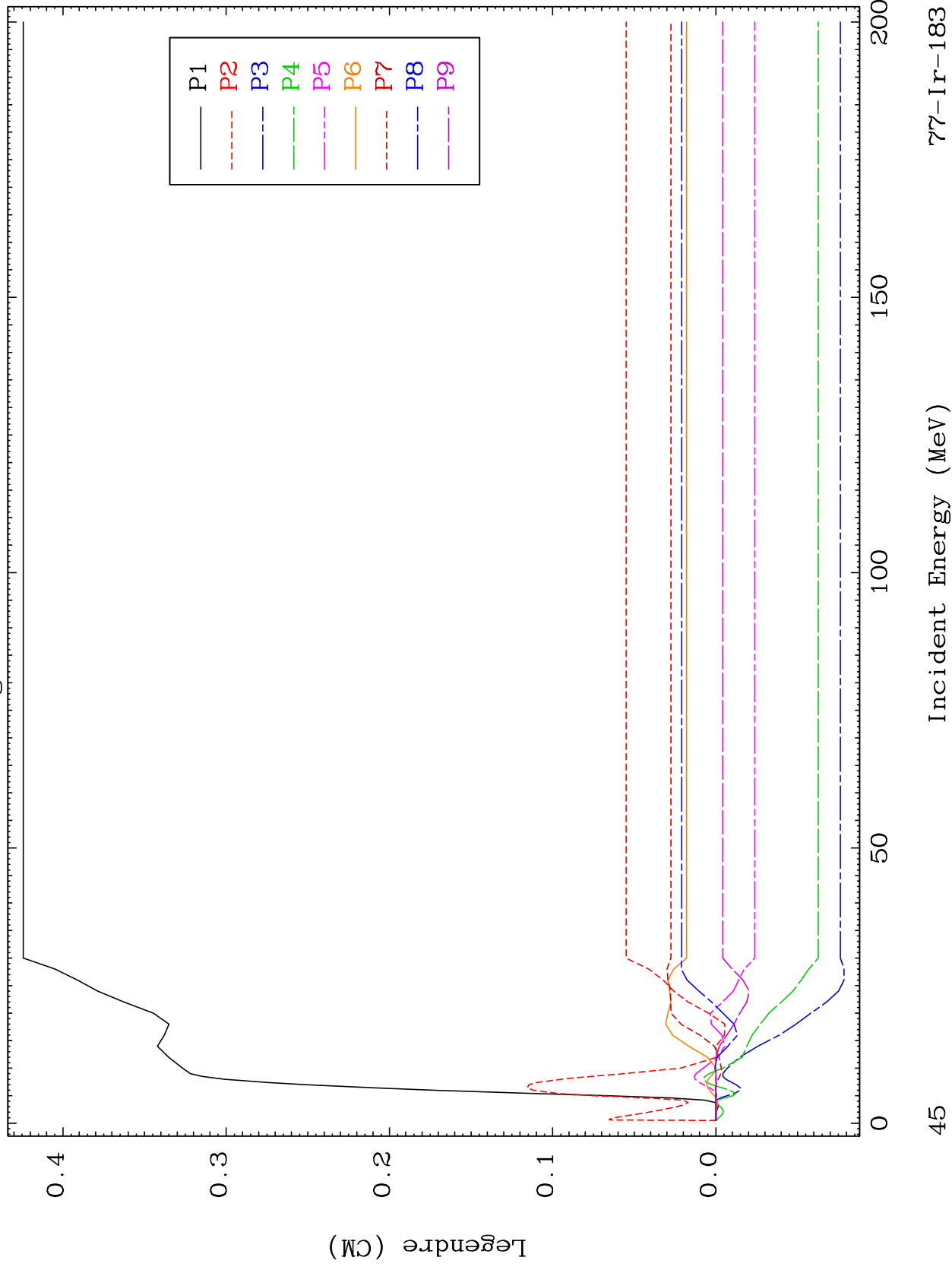
77-Ir-183



MAT 7701

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

77-Ir-183



77-Ir-183

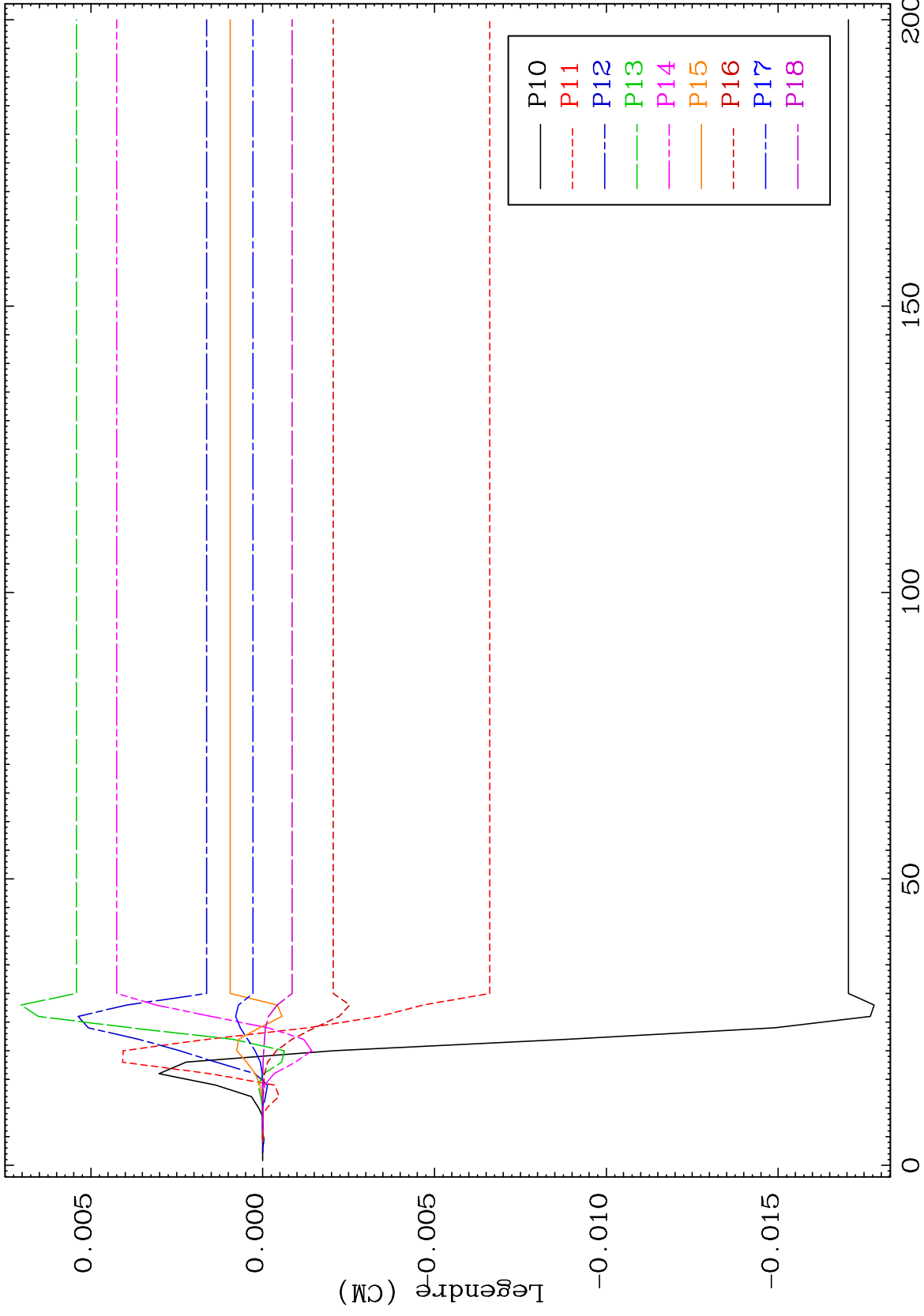
Incident Energy (MeV)

45

MAT 7701

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

77-Ir-183



46

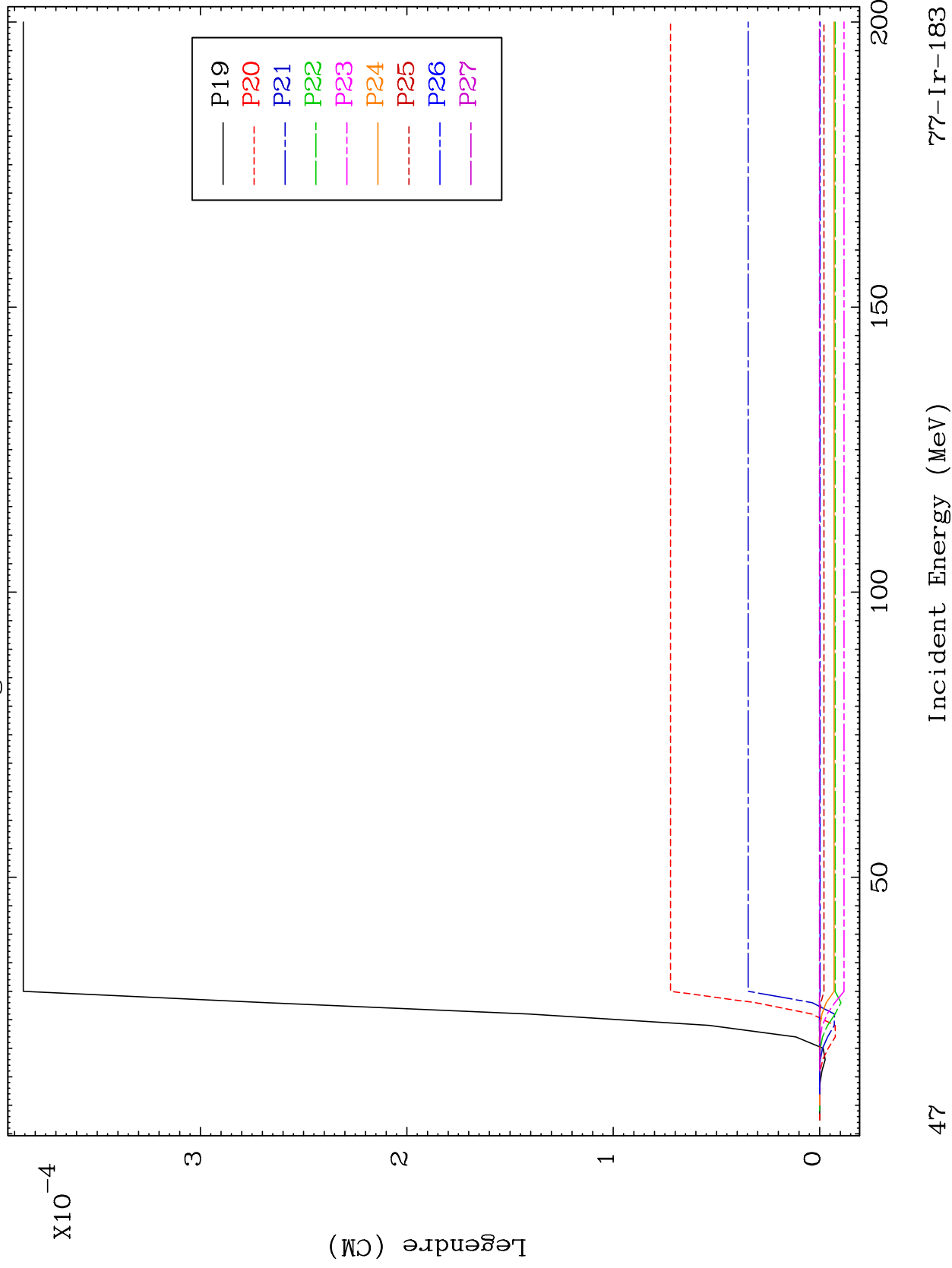
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



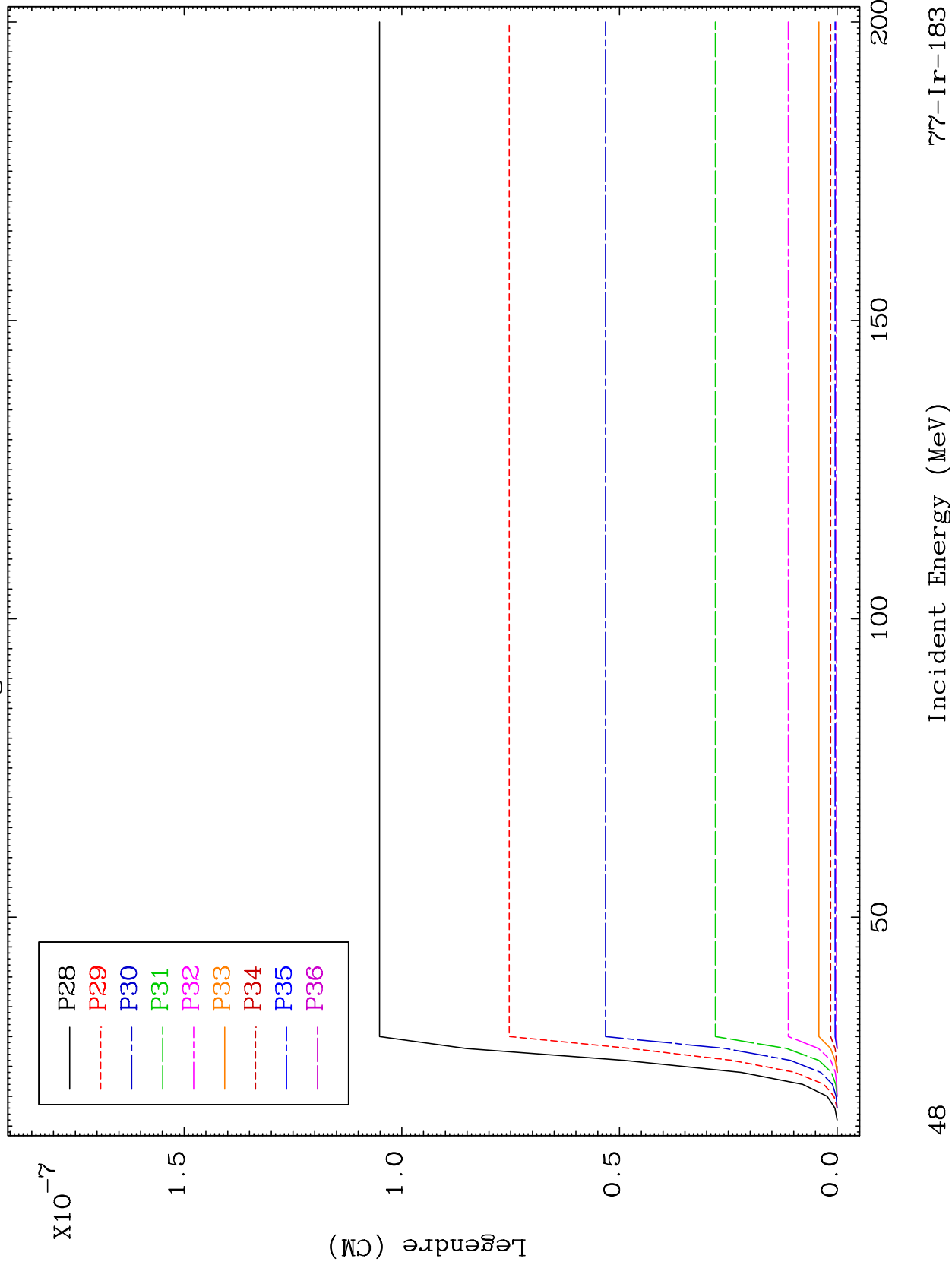
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77-Ir-183

MAT 7701

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

77-Ir-183



48

Incident Energy (MeV)

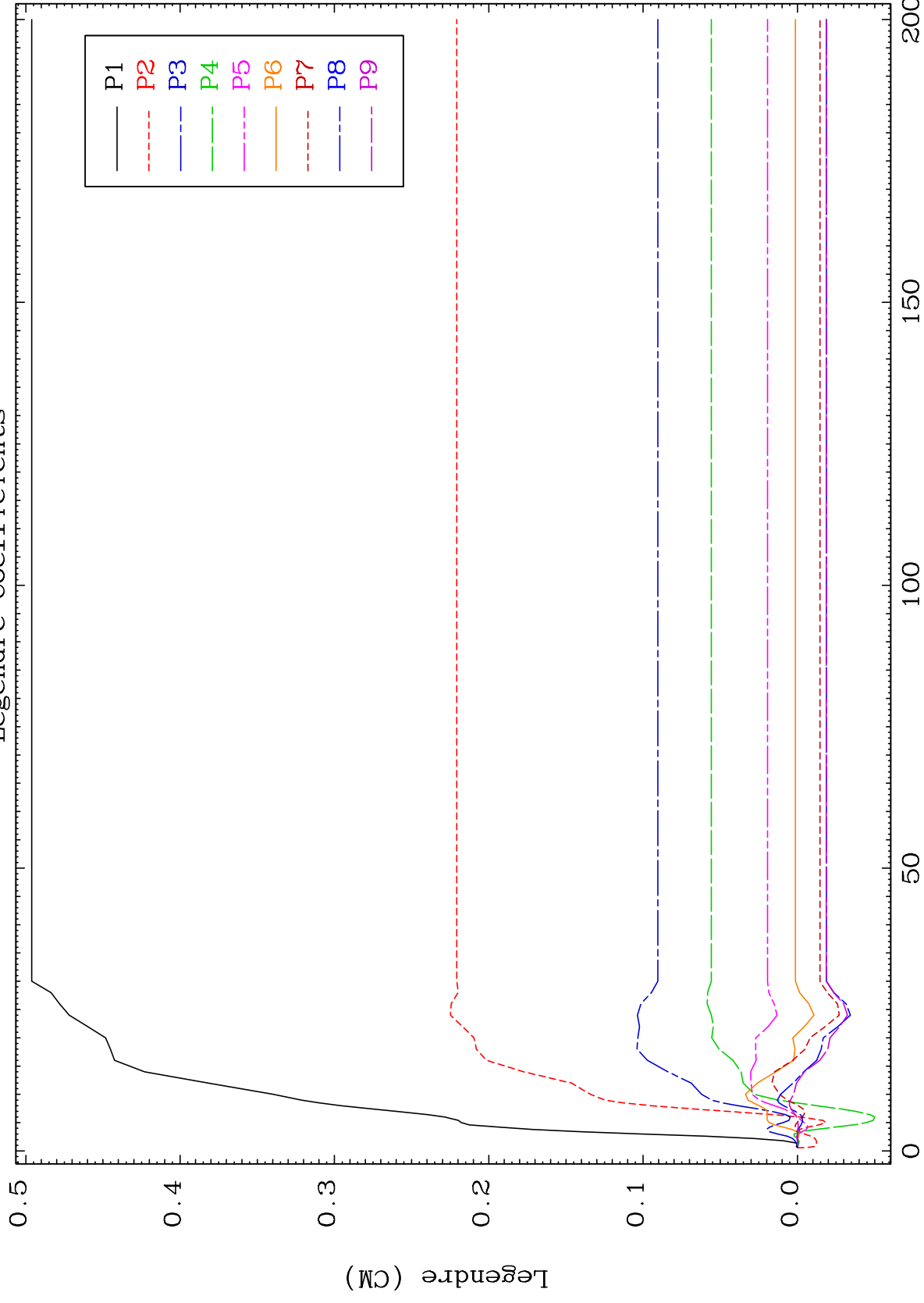
77-Ir-183

MAT 7701

MT= 58 (n,n') Level

77-Ir-183

Legendre Coefficients



49

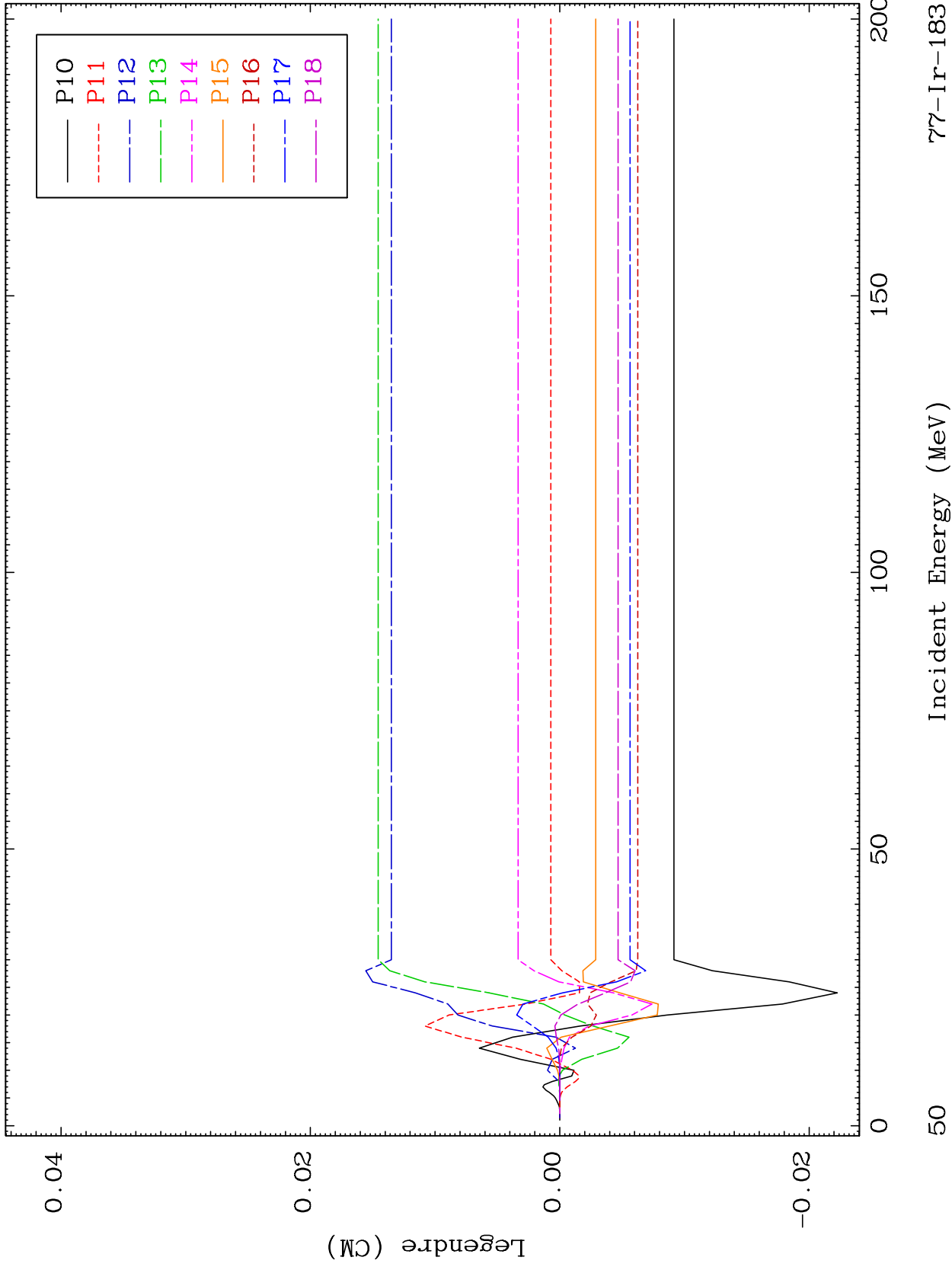
Incident Energy (MeV)

77-Ir-183

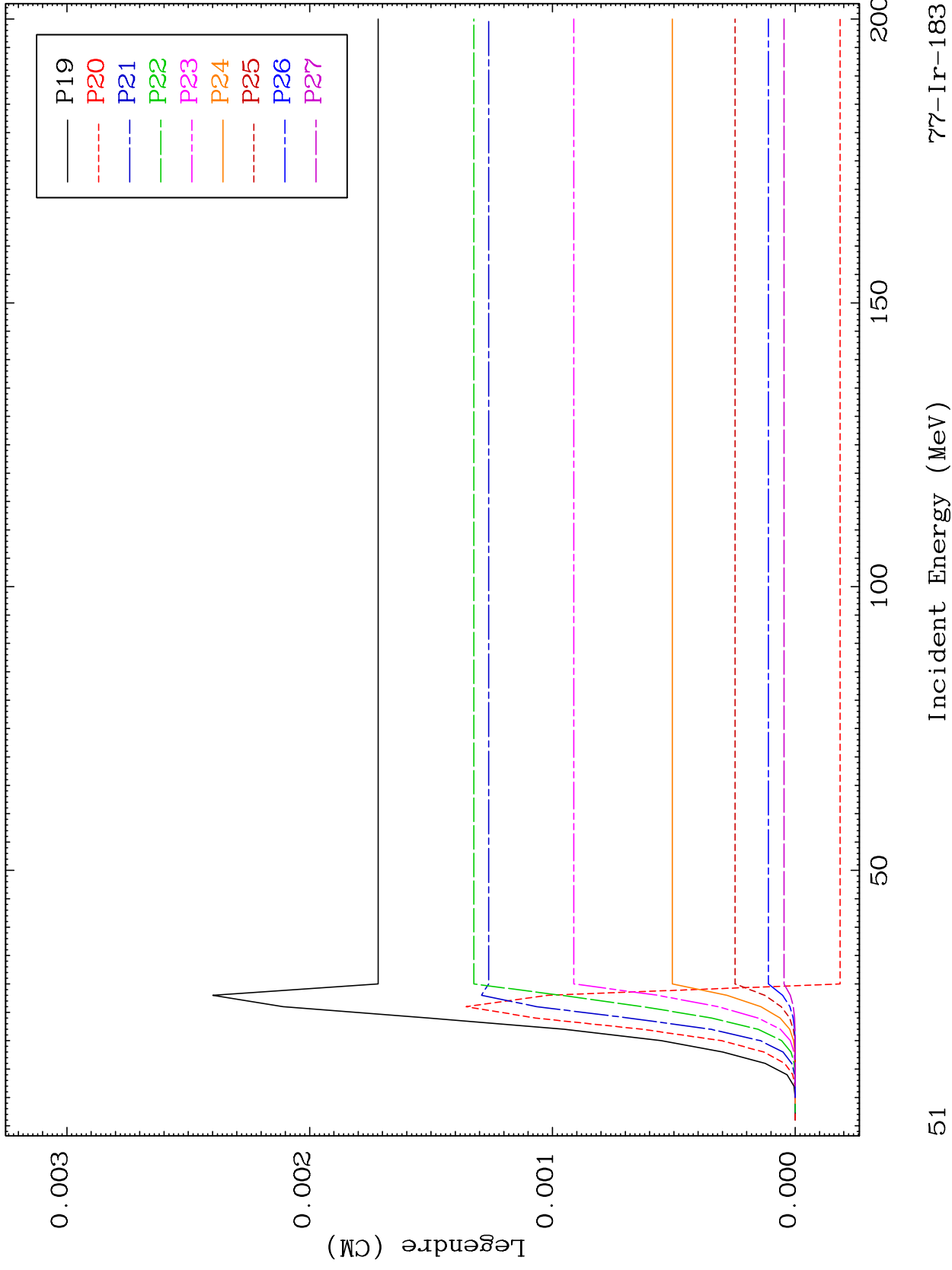
MAT 7701

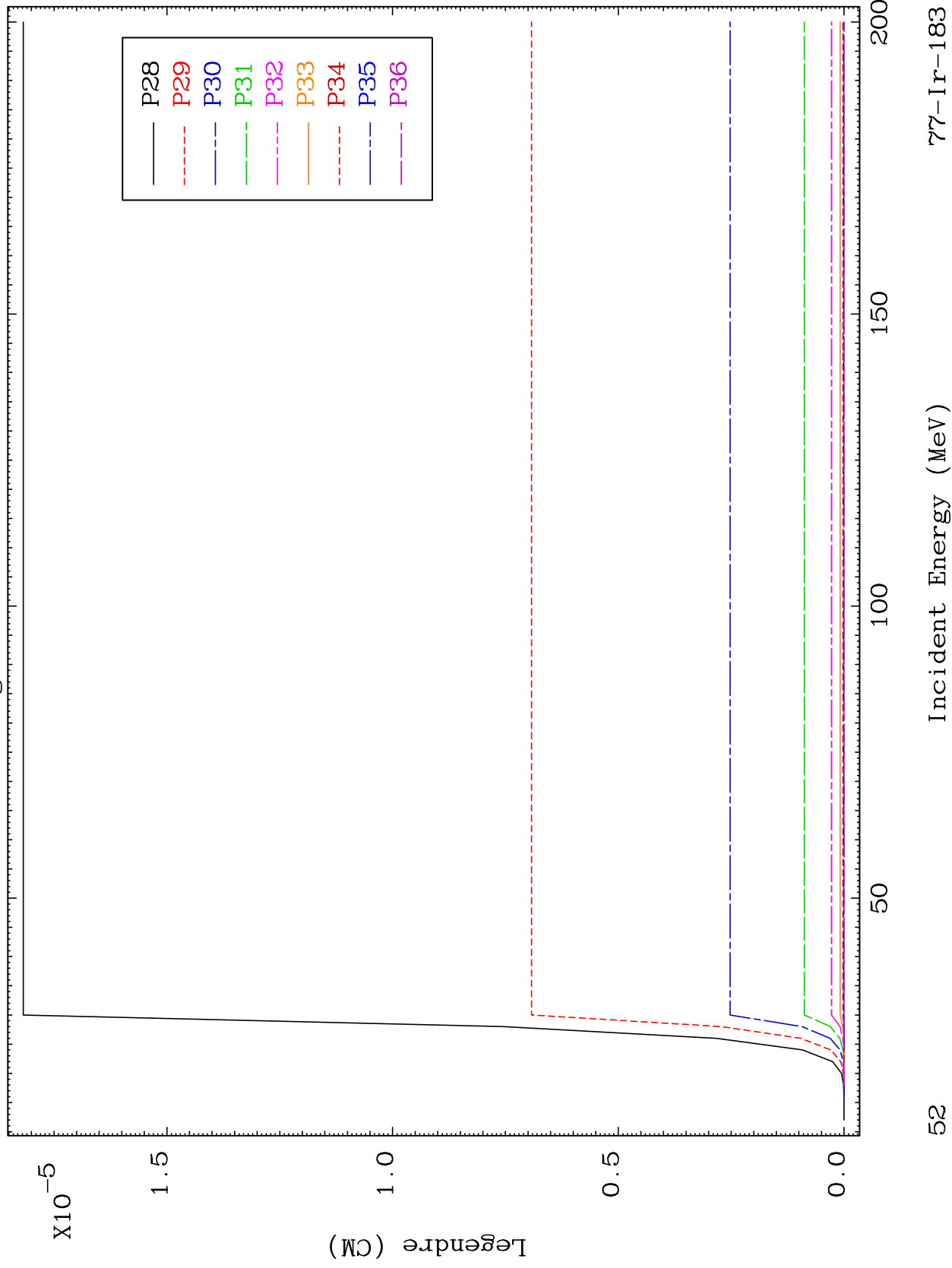
MT= 58 (n,n') Level
Legendre Coefficients

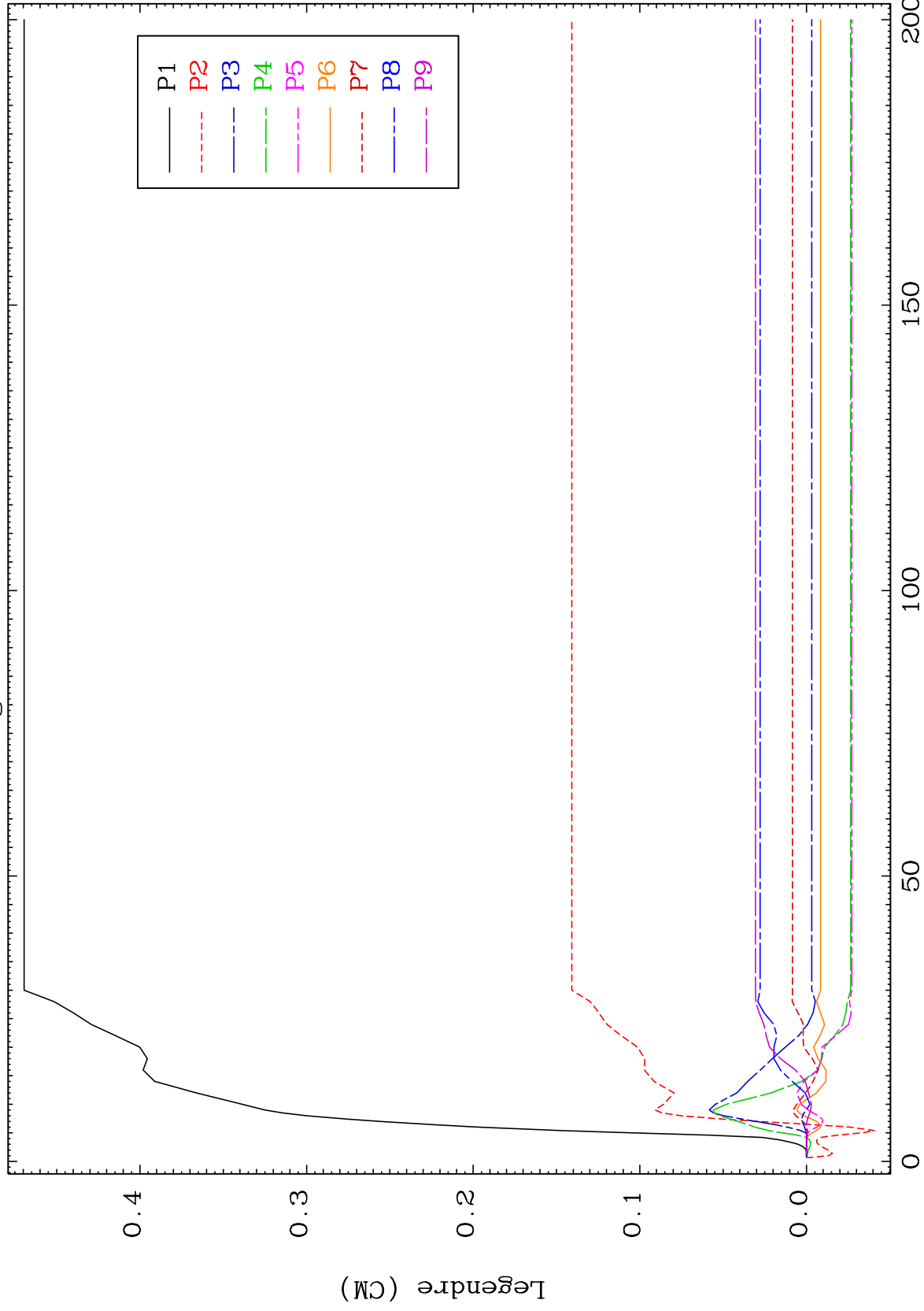
77-Ir-183



77-Ir-183



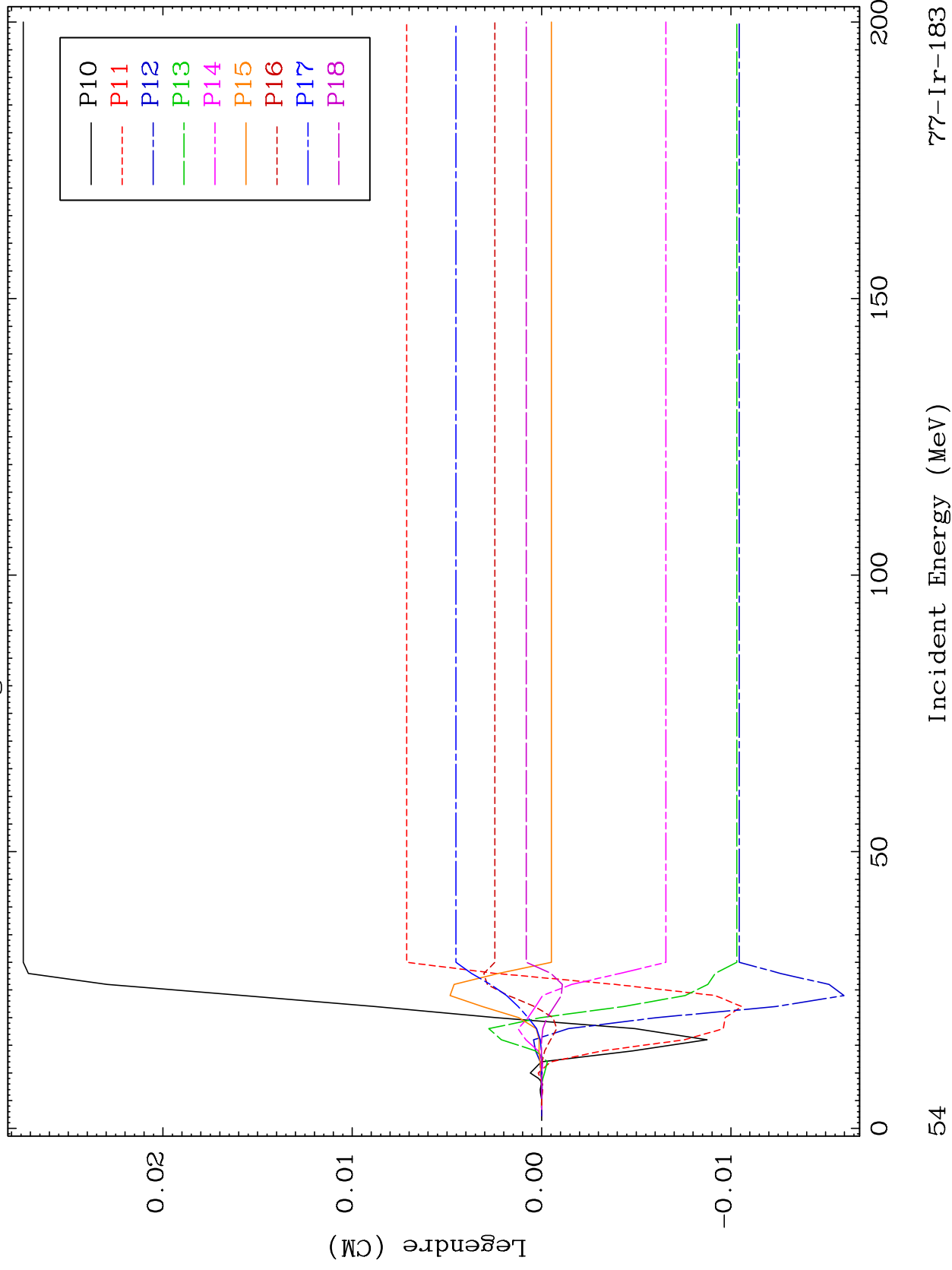




MAT 7701

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

77-Ir-183



77-Ir-183

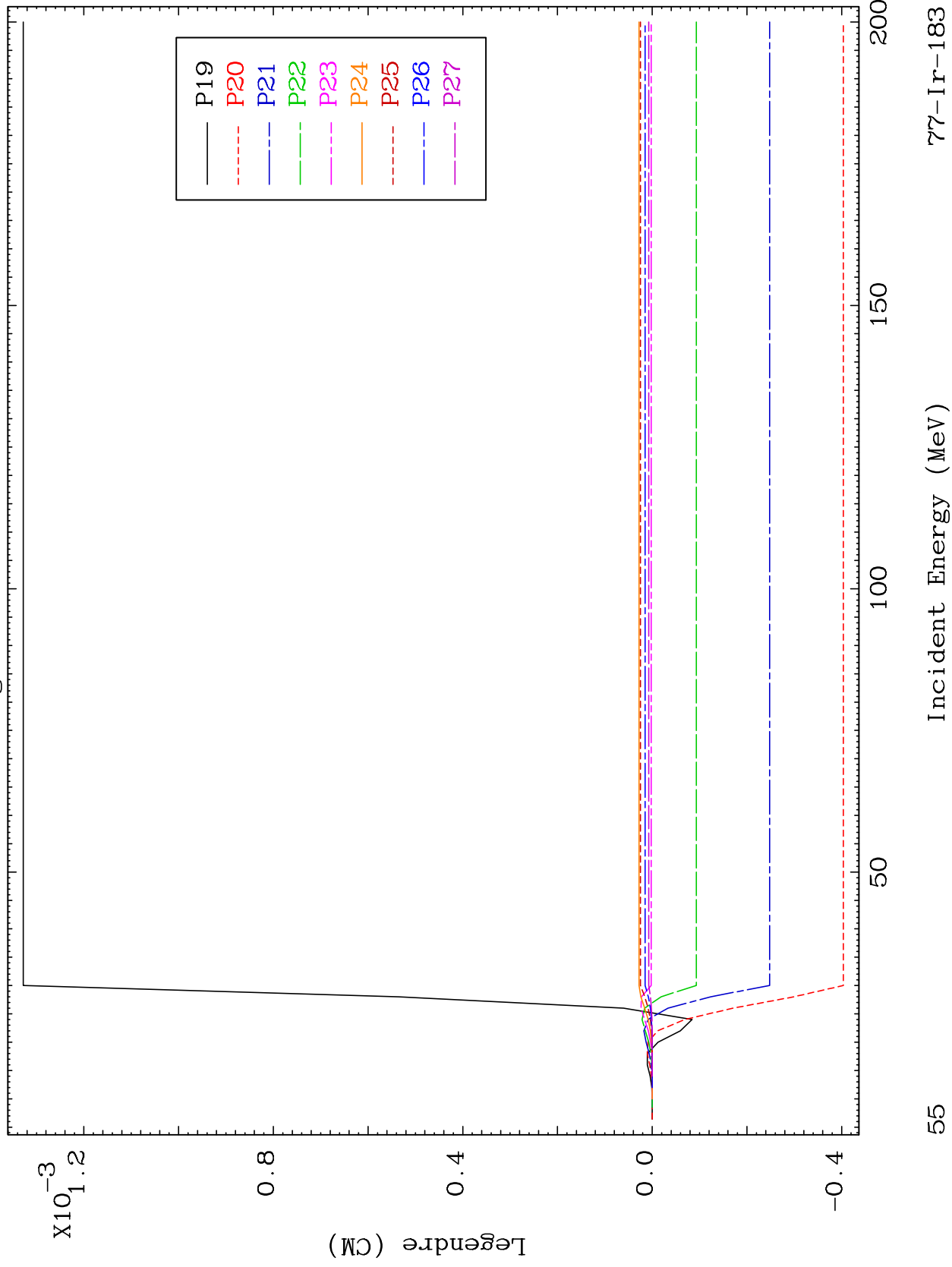
Incident Energy (MeV)

54

MAT 7701

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

77-Ir-183



77-Ir-183

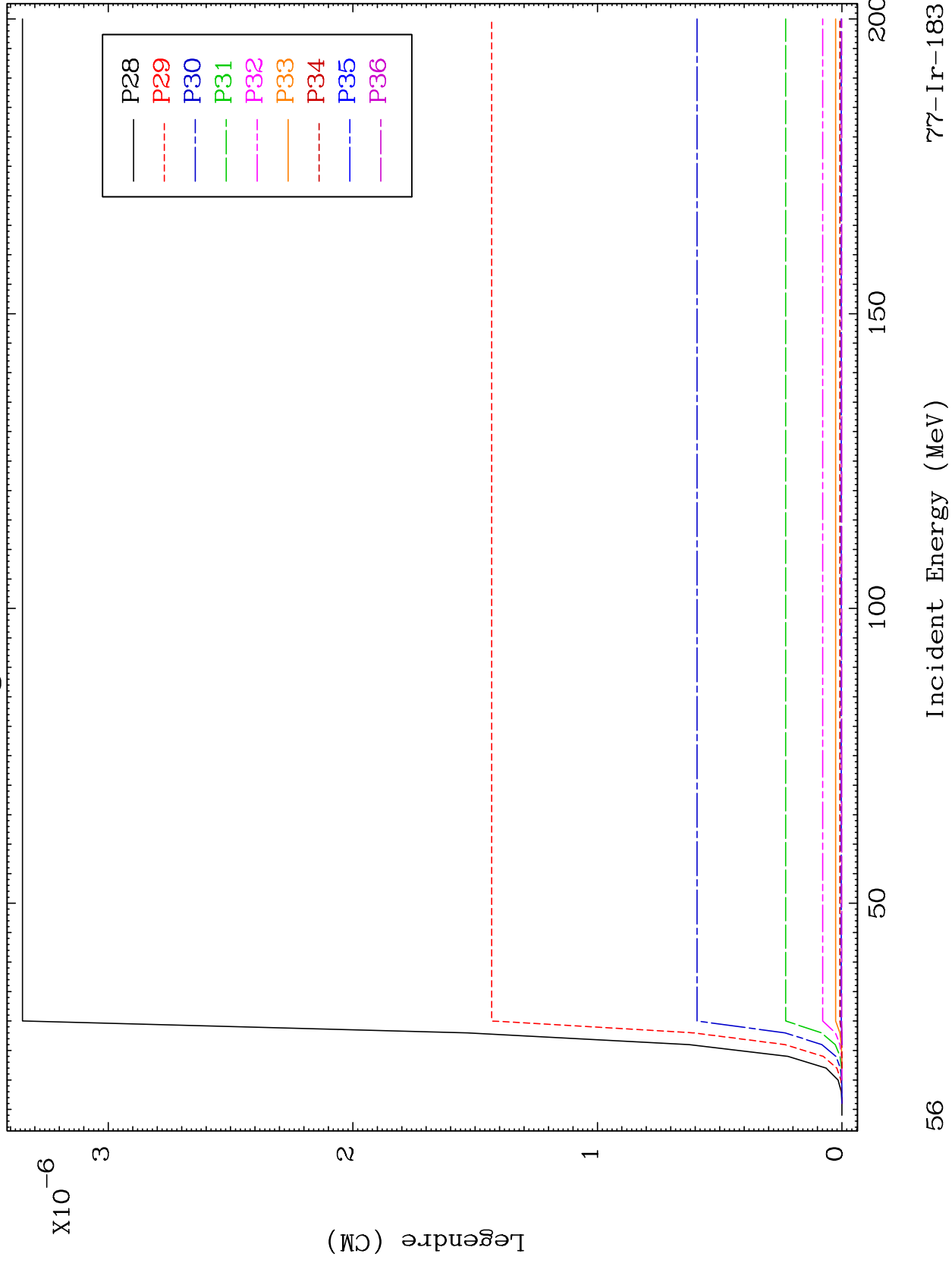
Incident Energy (MeV)

55

MAT 7701

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

77-Ir-183



56

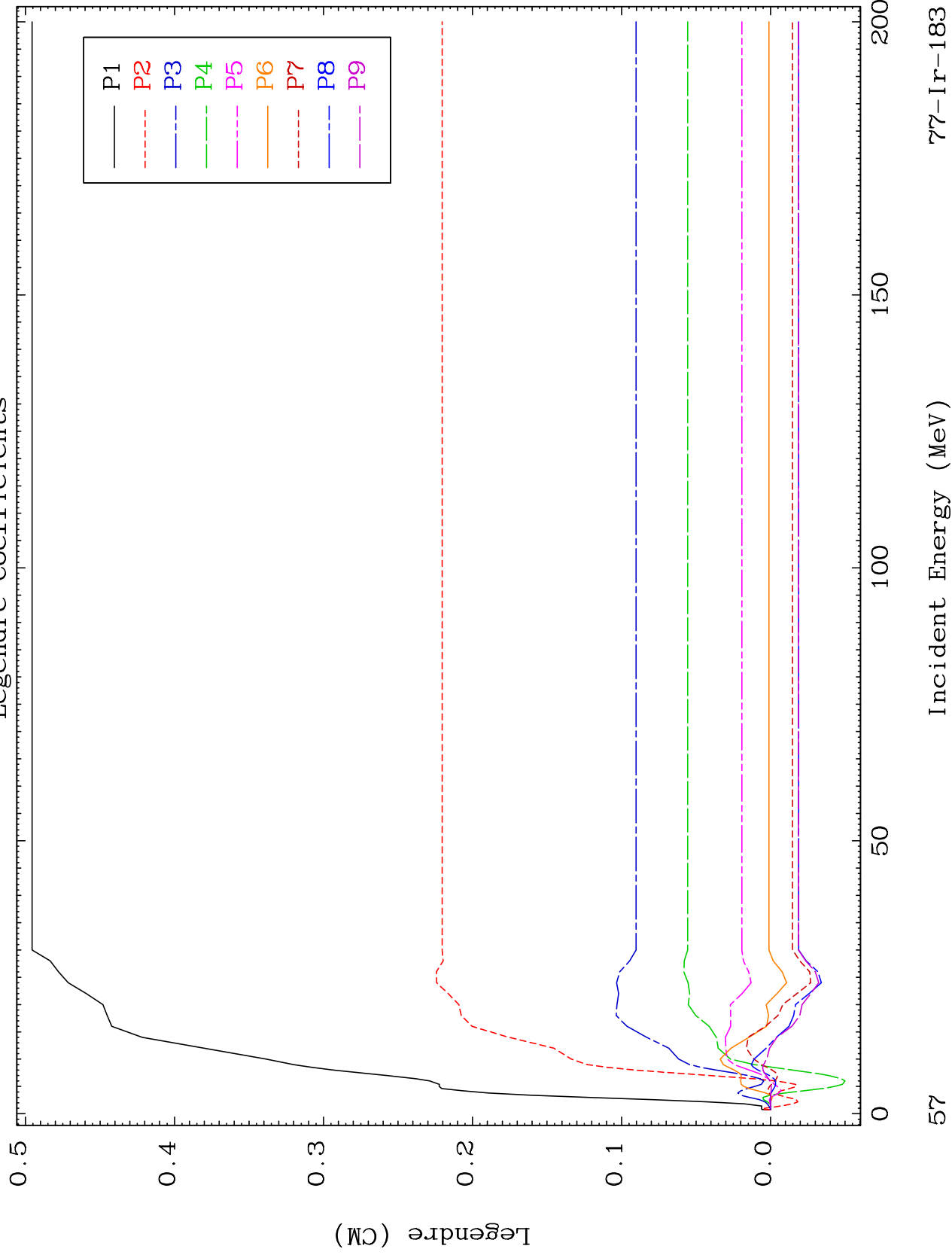
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



77-Ir-183

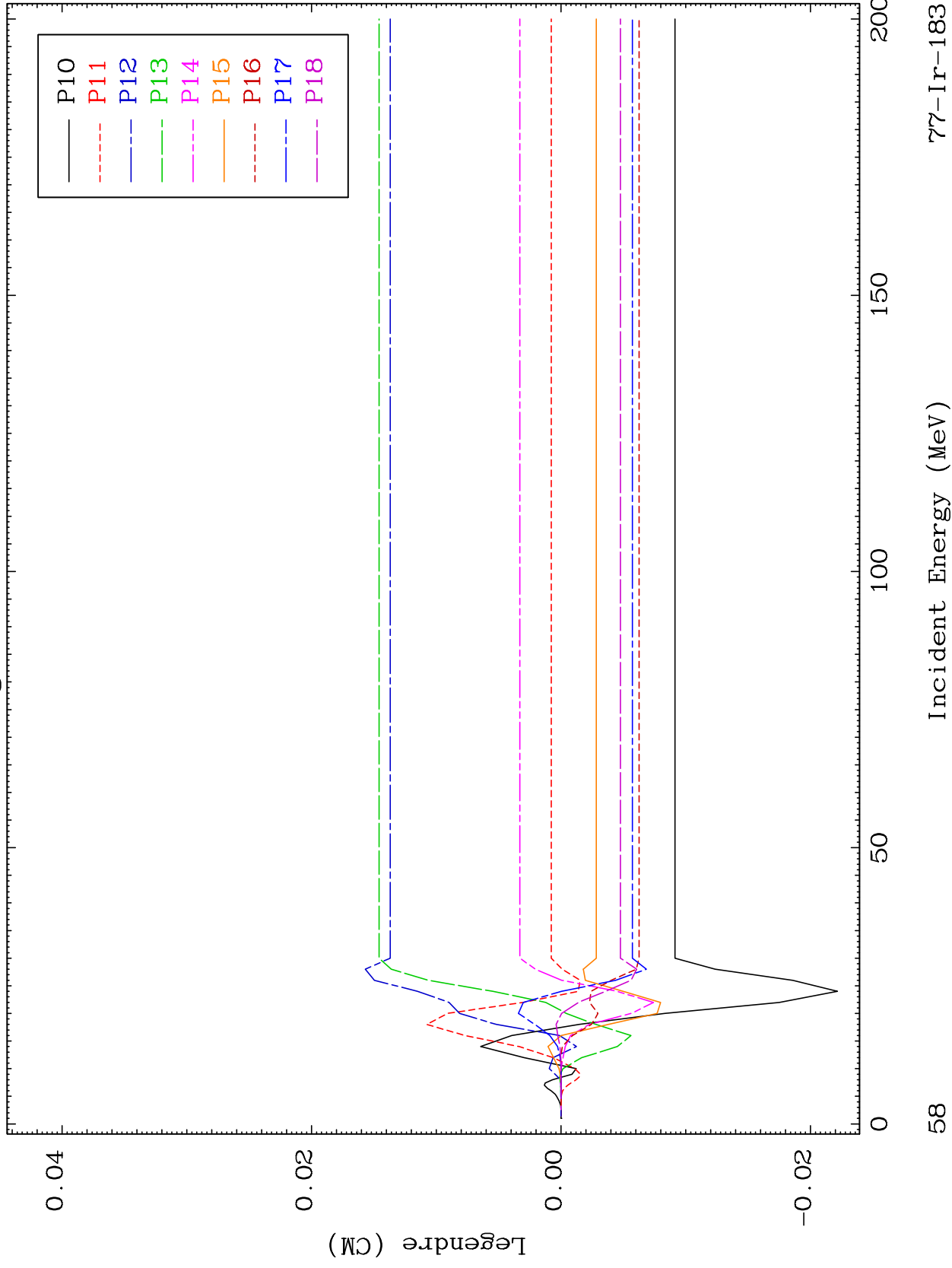
Incident Energy (MeV)

57

MAT 7701

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

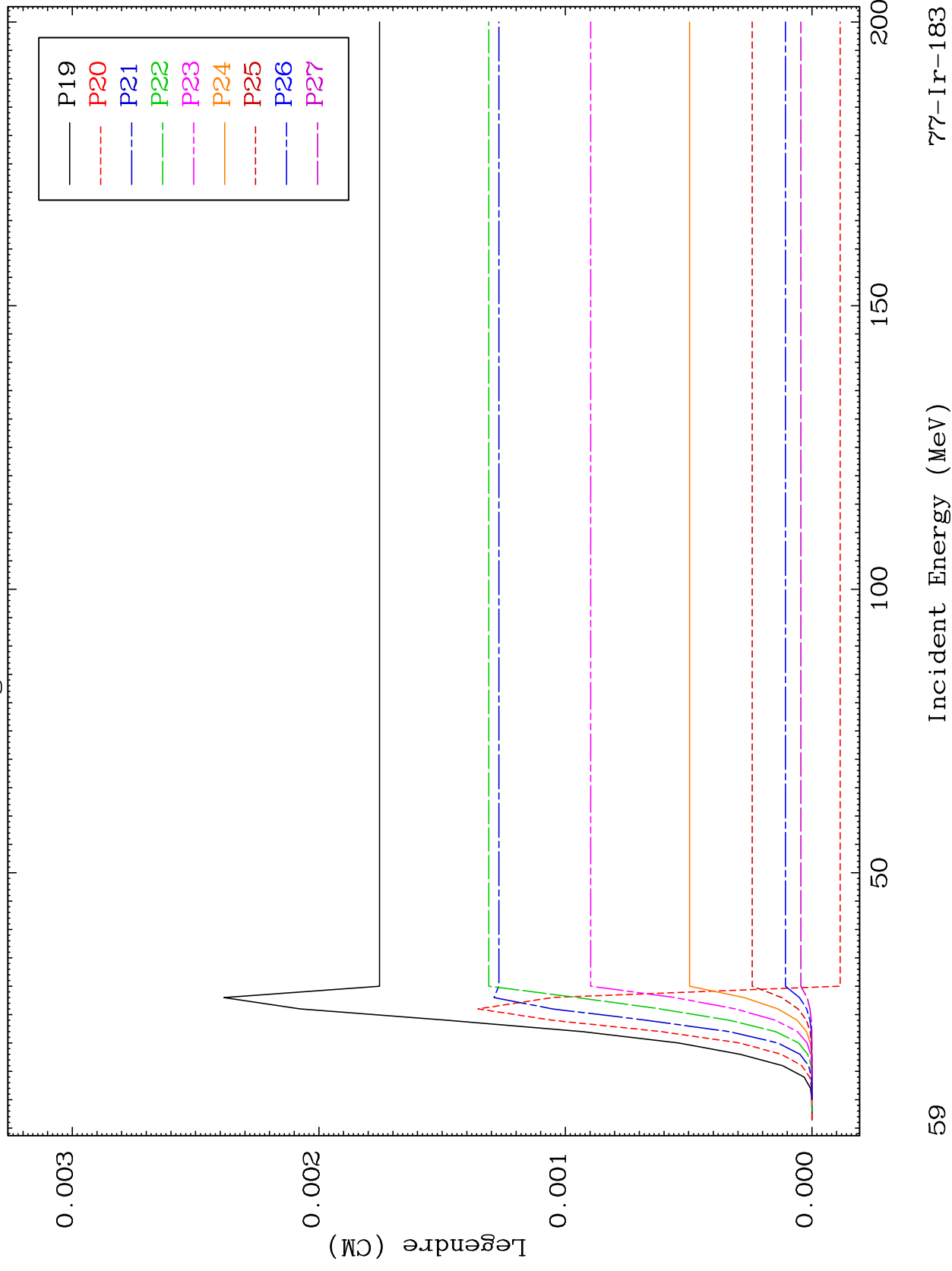
77-Ir-183



77-Ir-183

Incident Energy (MeV)

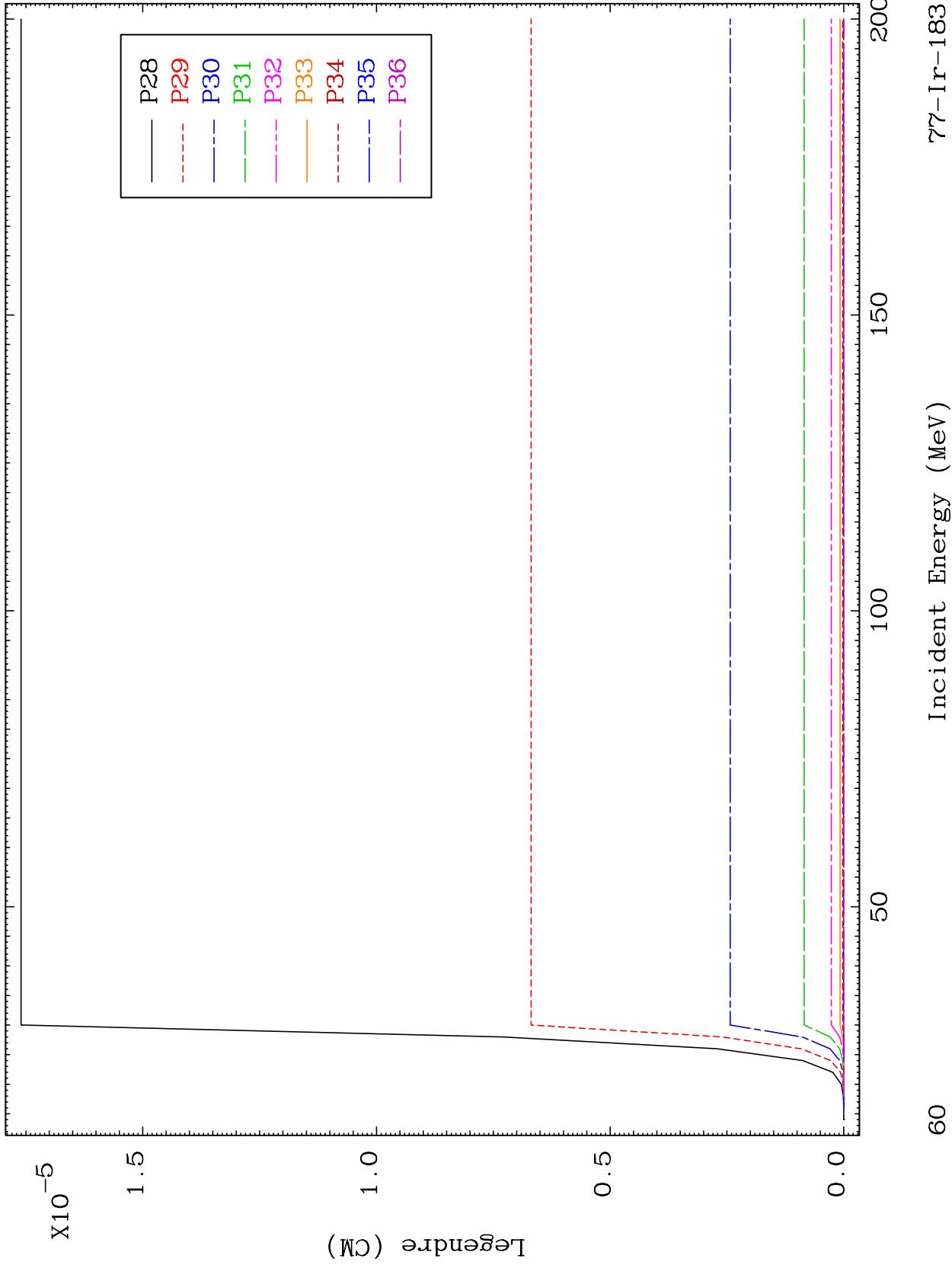
58



MAT 7701

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

77-Ir-183

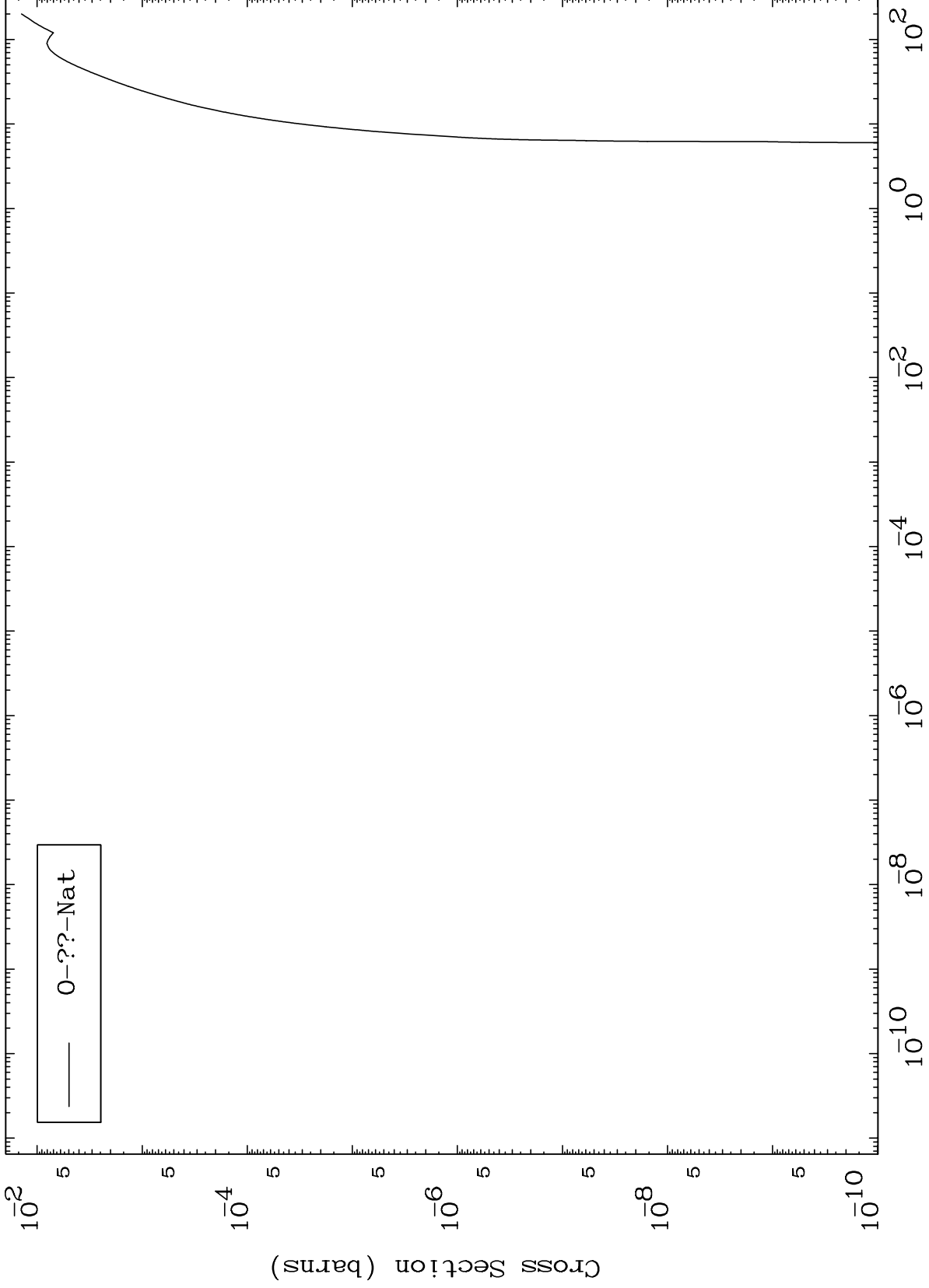


MAT 7701

Fission

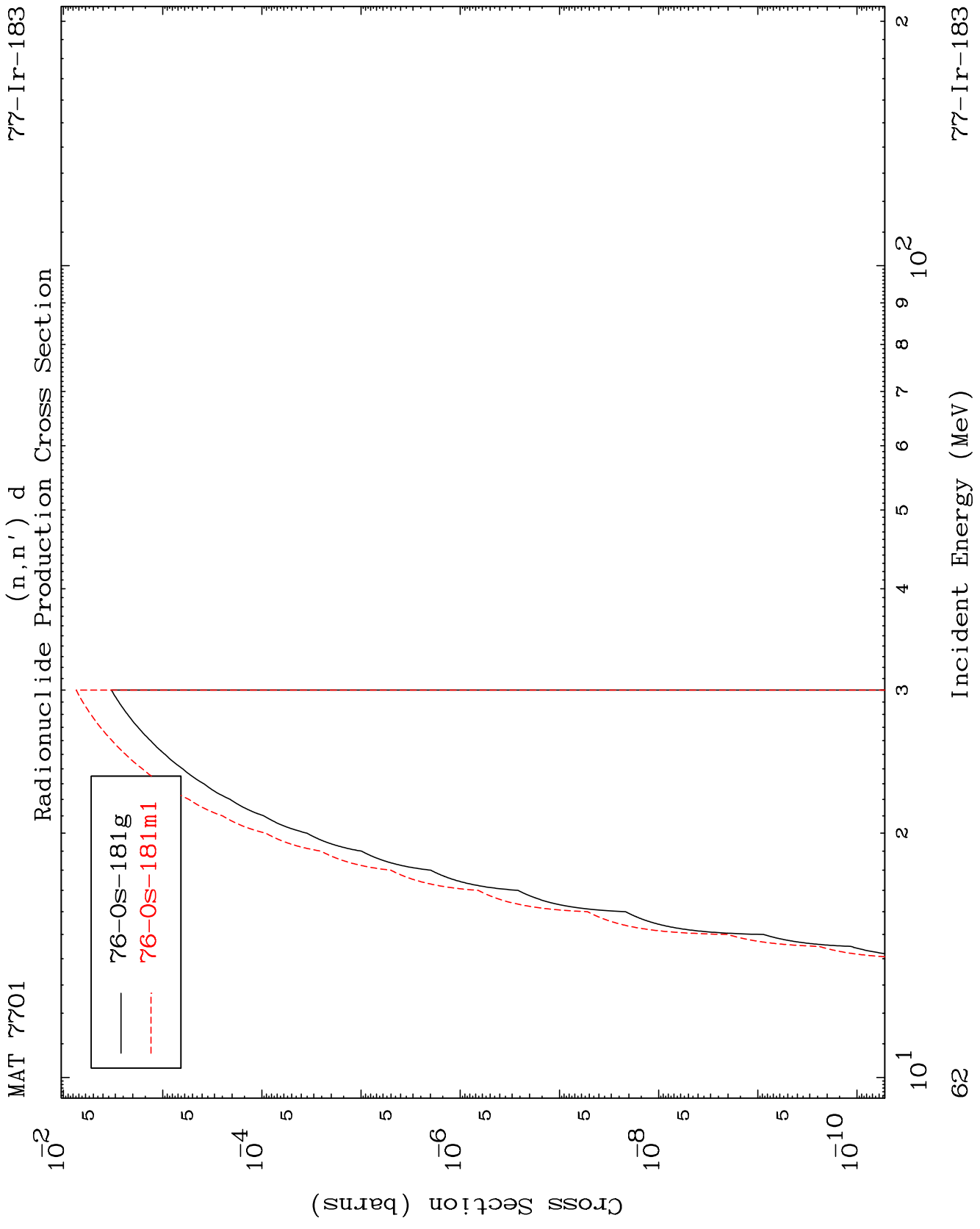
⁷⁷Ir-183

Radionuclide Production Cross Section

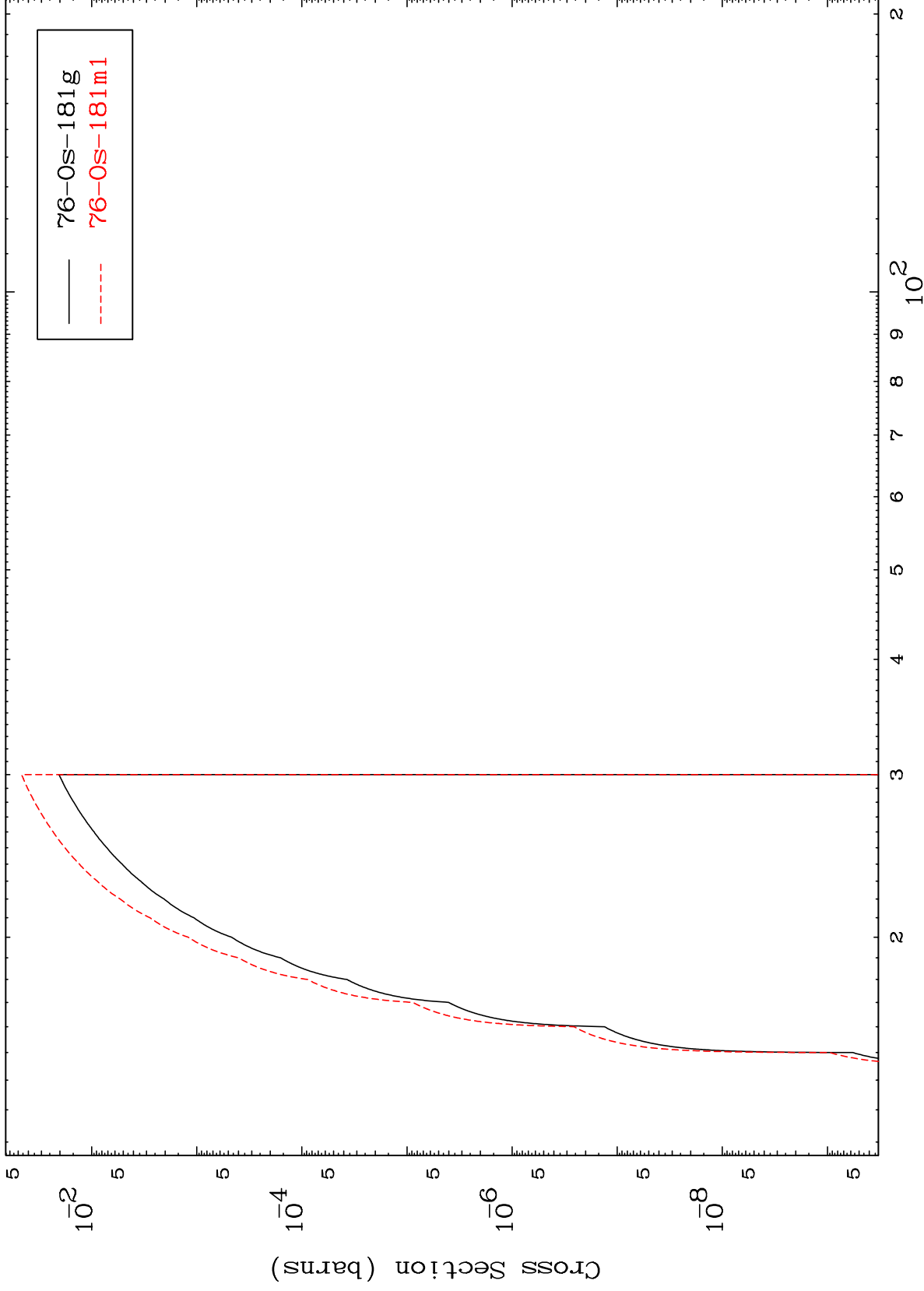


61

⁷⁷Ir-183



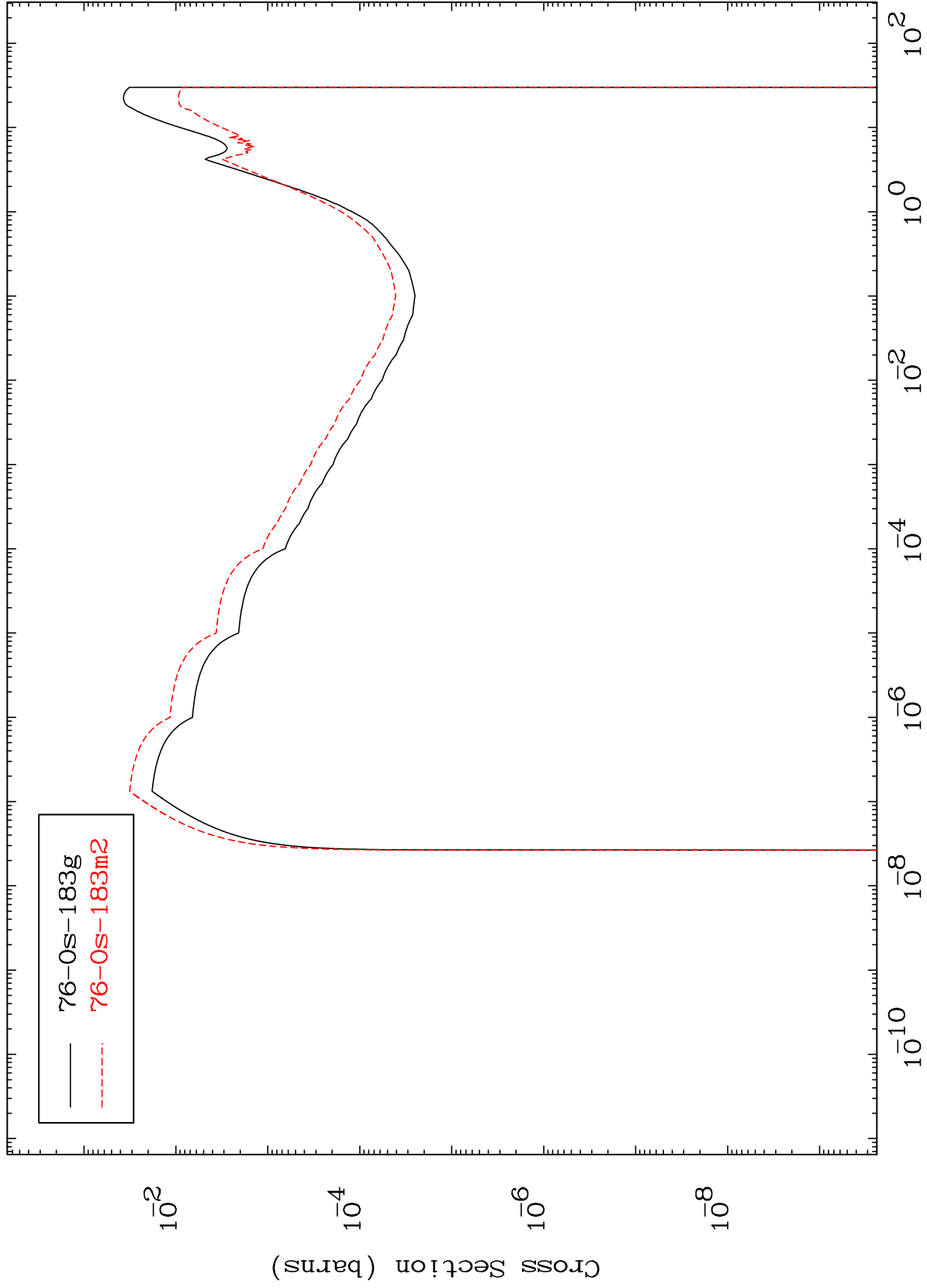
Radionuclide Production Cross Section



MAT 7701

77-Ir-183

(n,p)
Radionuclide Production Cross Section



Incident Energy (MeV)

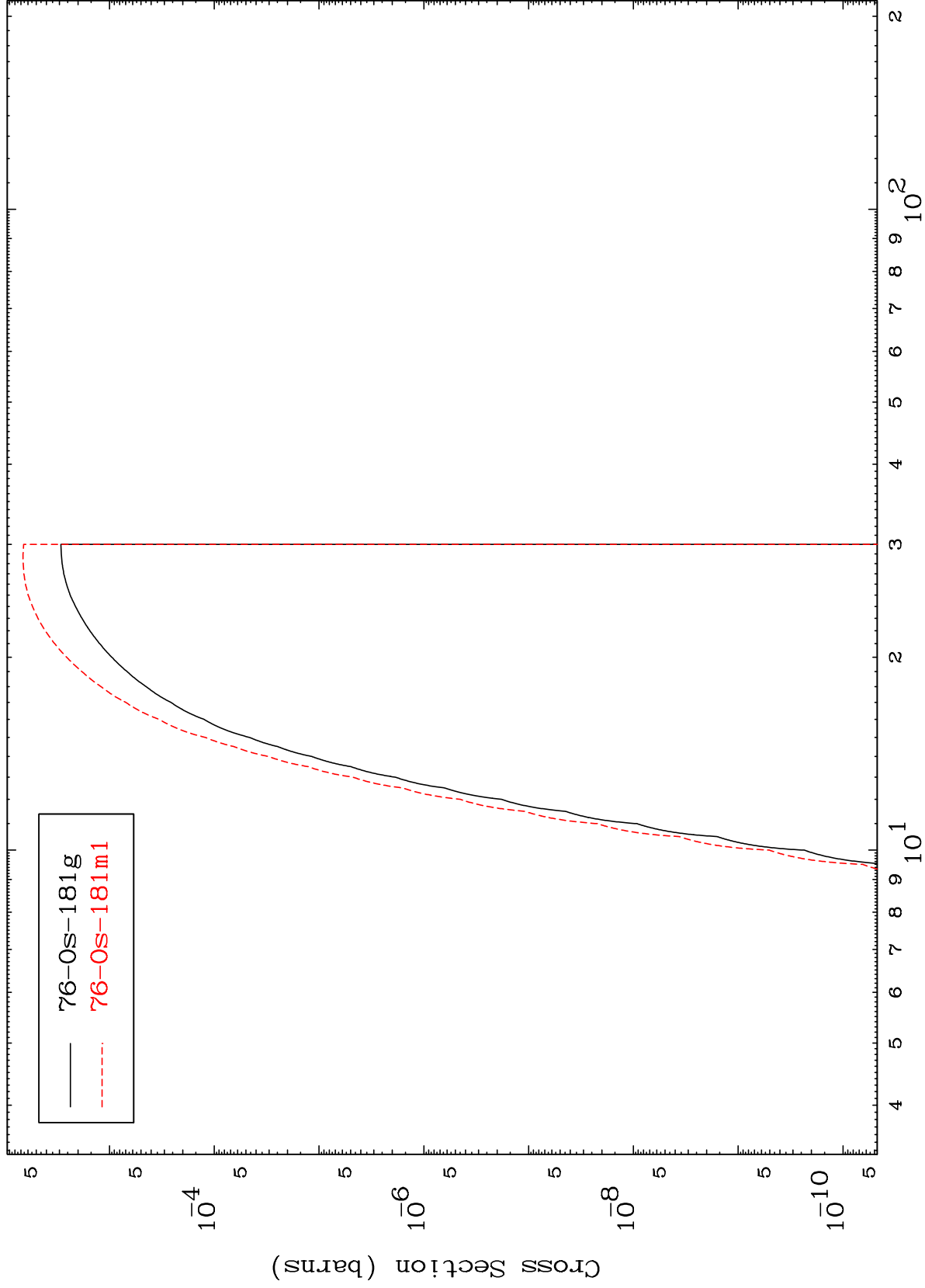
77-Ir-183

64

MAT 7701

77-Ir-183

(n, t)
Radionuclide Production Cross Section



65

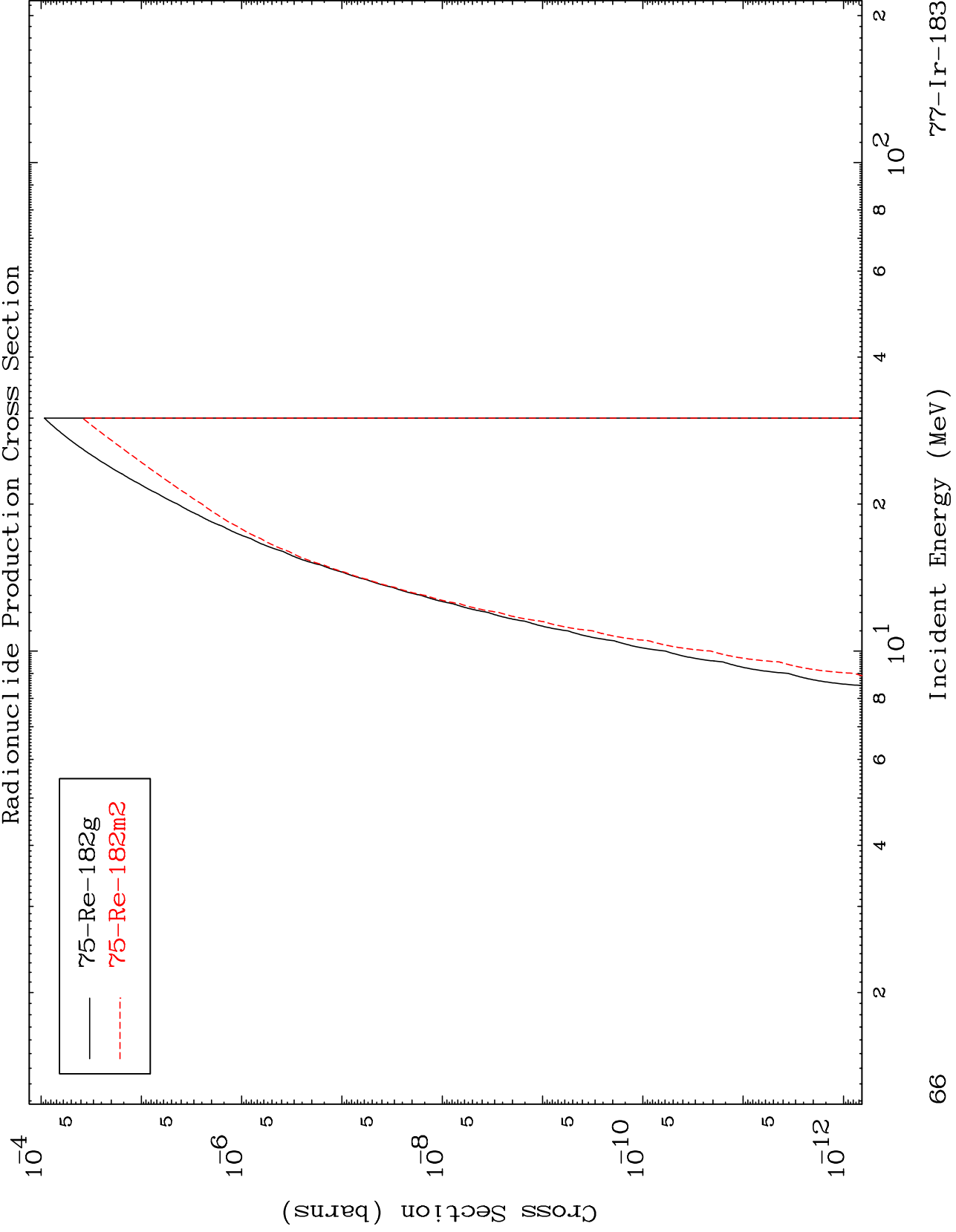
Incident Energy (MeV)

77-Ir-183

MAT 7701

⁷⁷Ir-183

(n,2p)
Radionuclide Production Cross Section



66

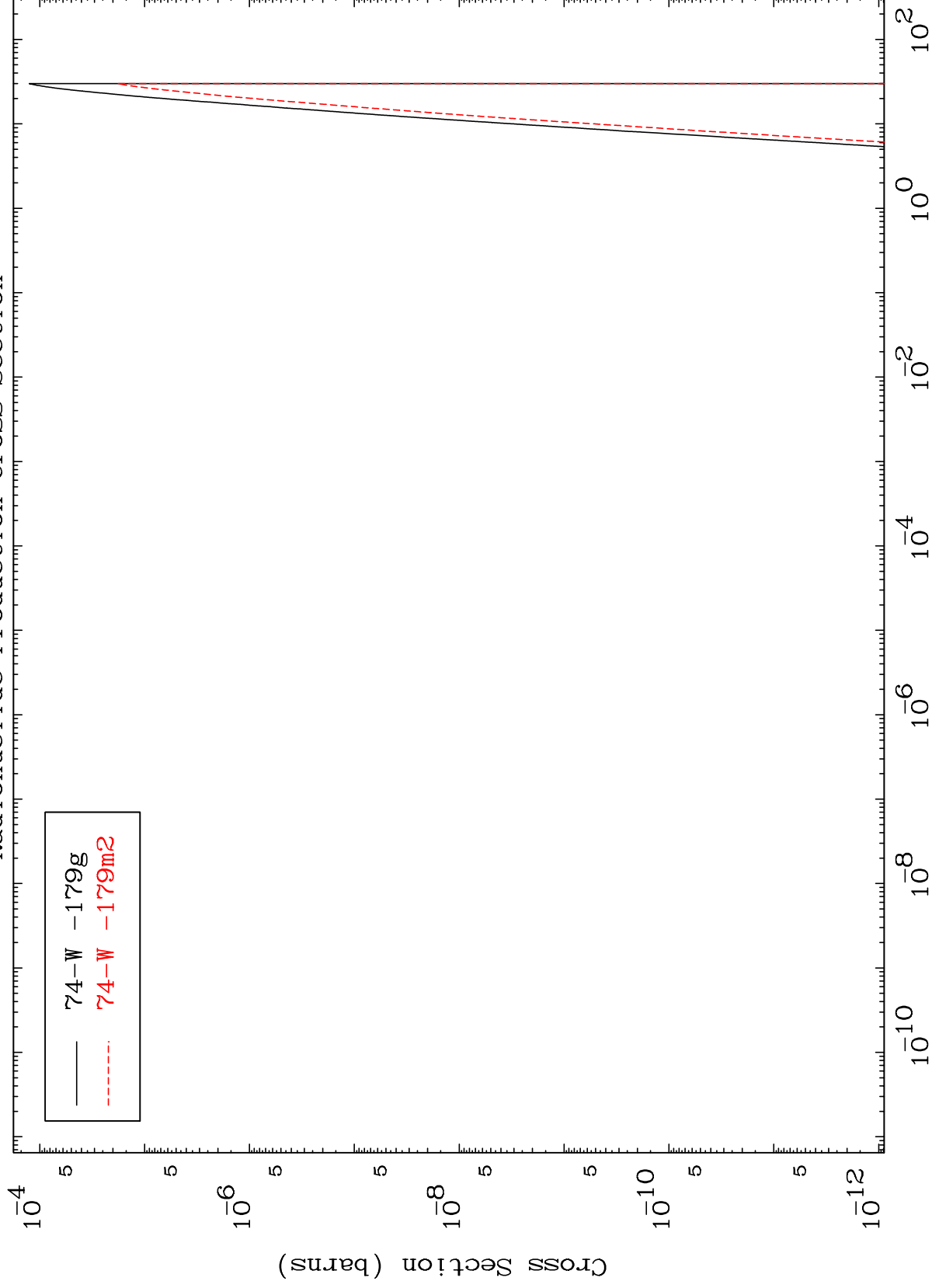
⁷⁷Ir-183

MAT 7701

(n,p) α

⁷⁷Ir-183

Radionuclide Production Cross Section



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Incident Energy (MeV)

⁷⁷Ir-183