

Program EVALPLOT
(Version 2017-1)

by

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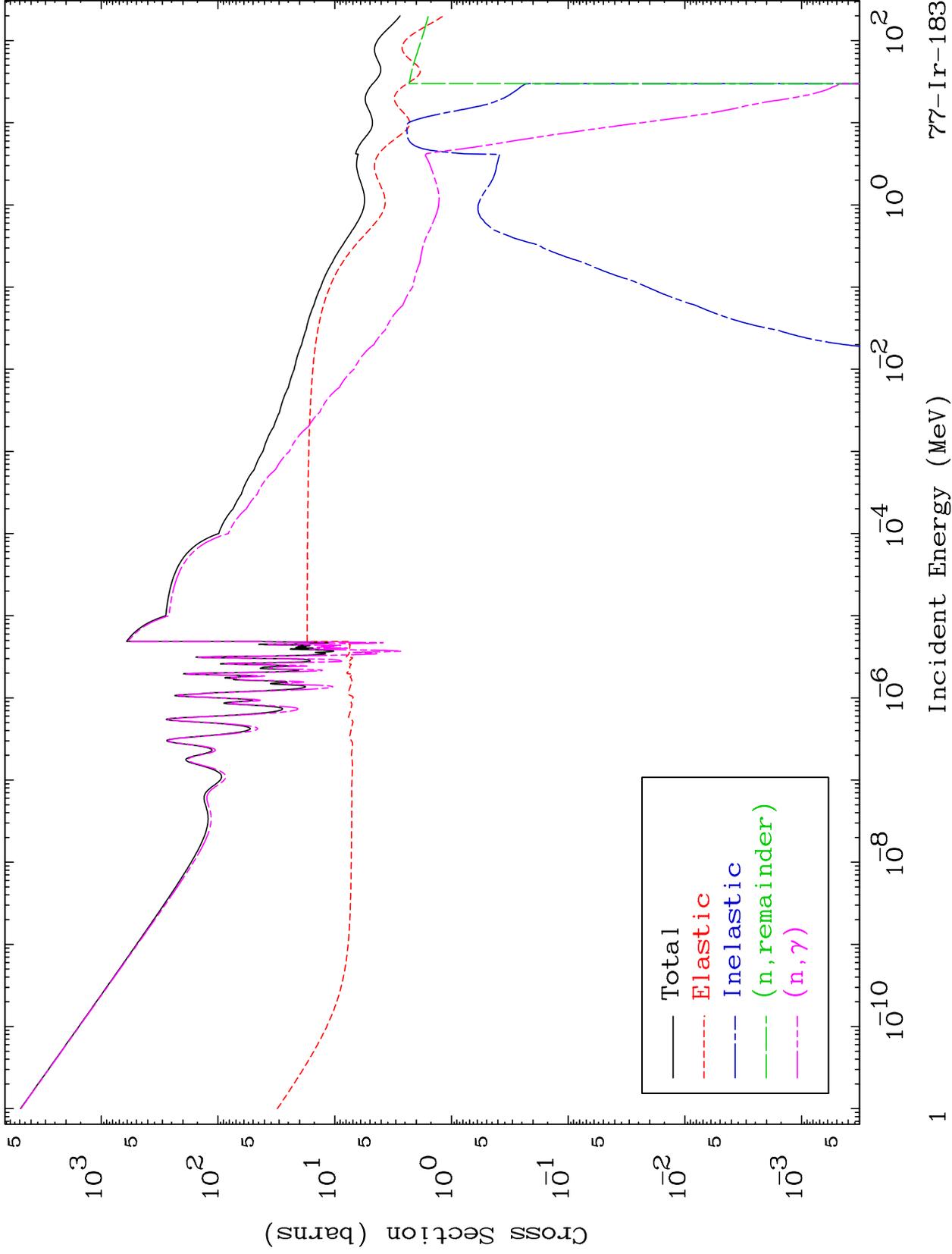
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Press Mouse Button to Start

MAT 7701

Major
293 Kelvin Cross Sections

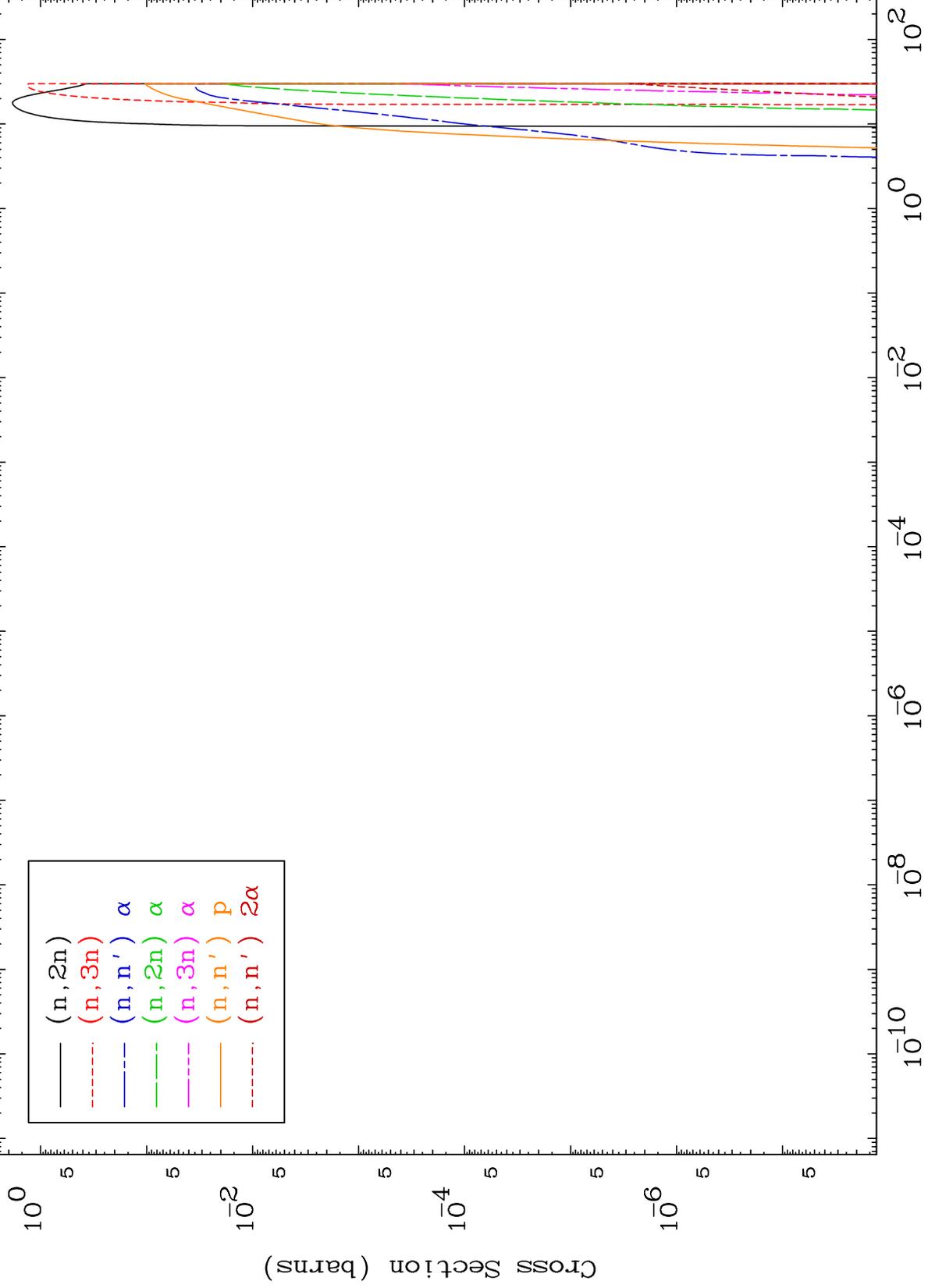
77-Ir-183



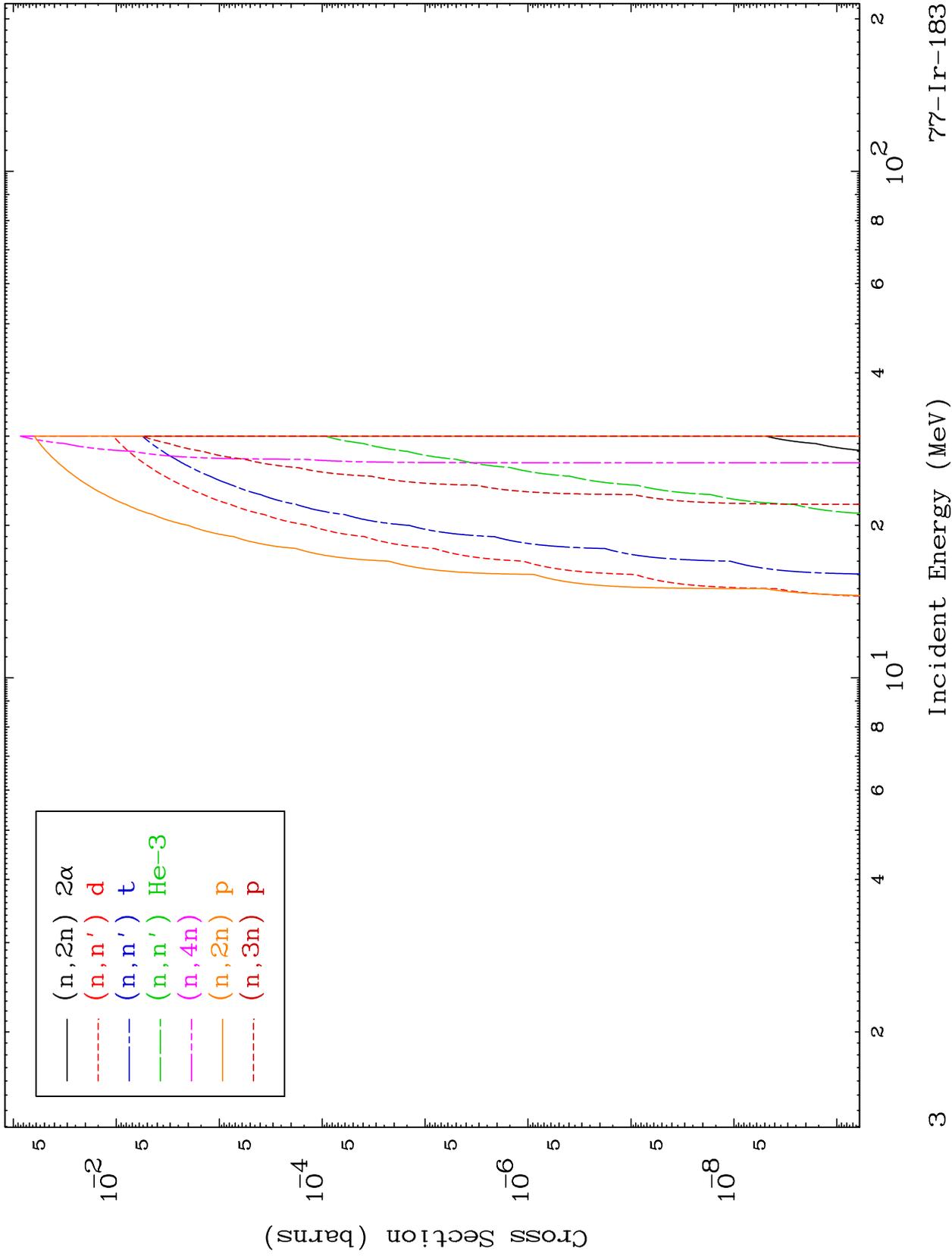
MAT 7701

Neutron Production
293 Kelvin Cross Sections

77-Ir-183



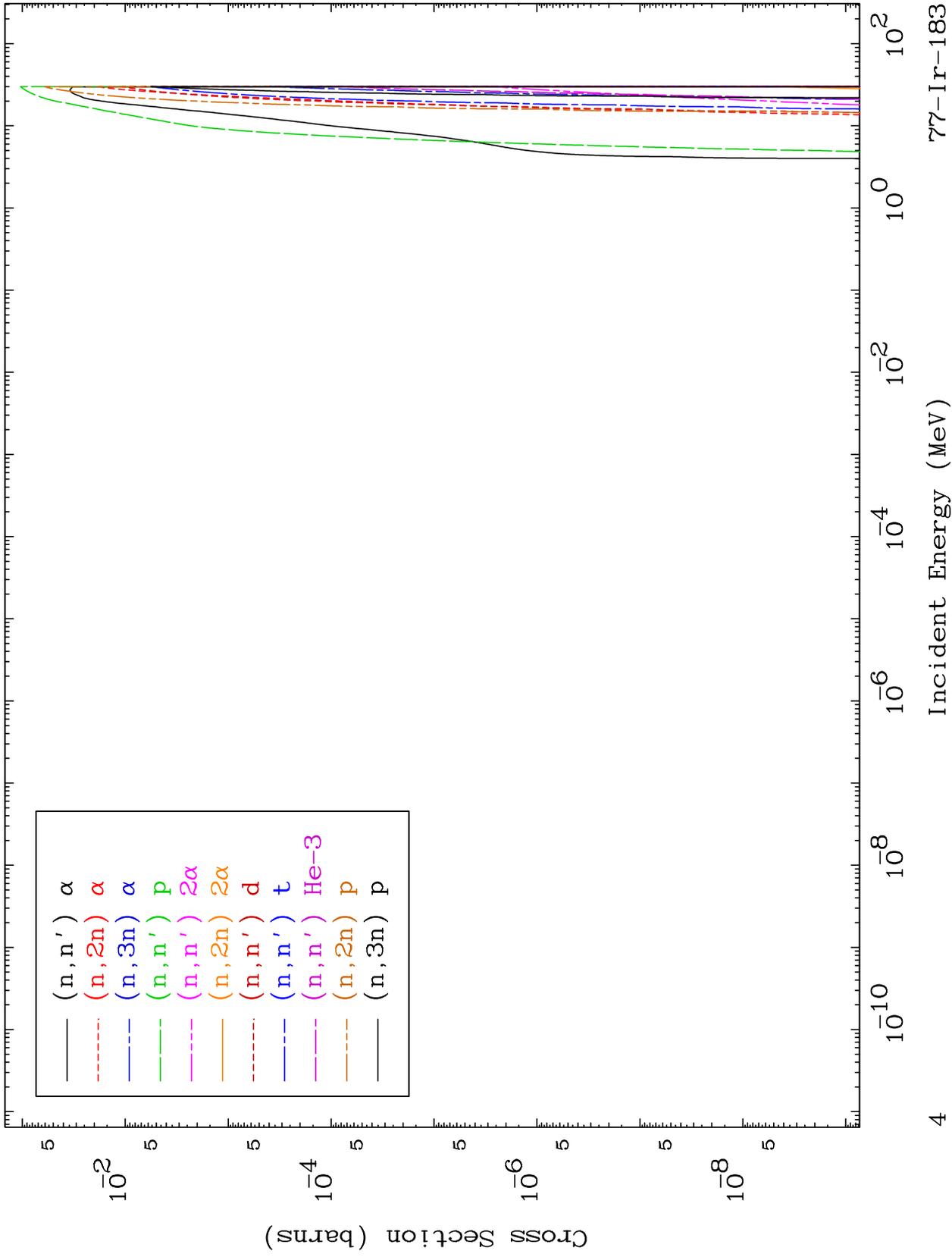
77-Ir-183



MAT 7701

Charged Particle
293 Kelvin Cross Sections

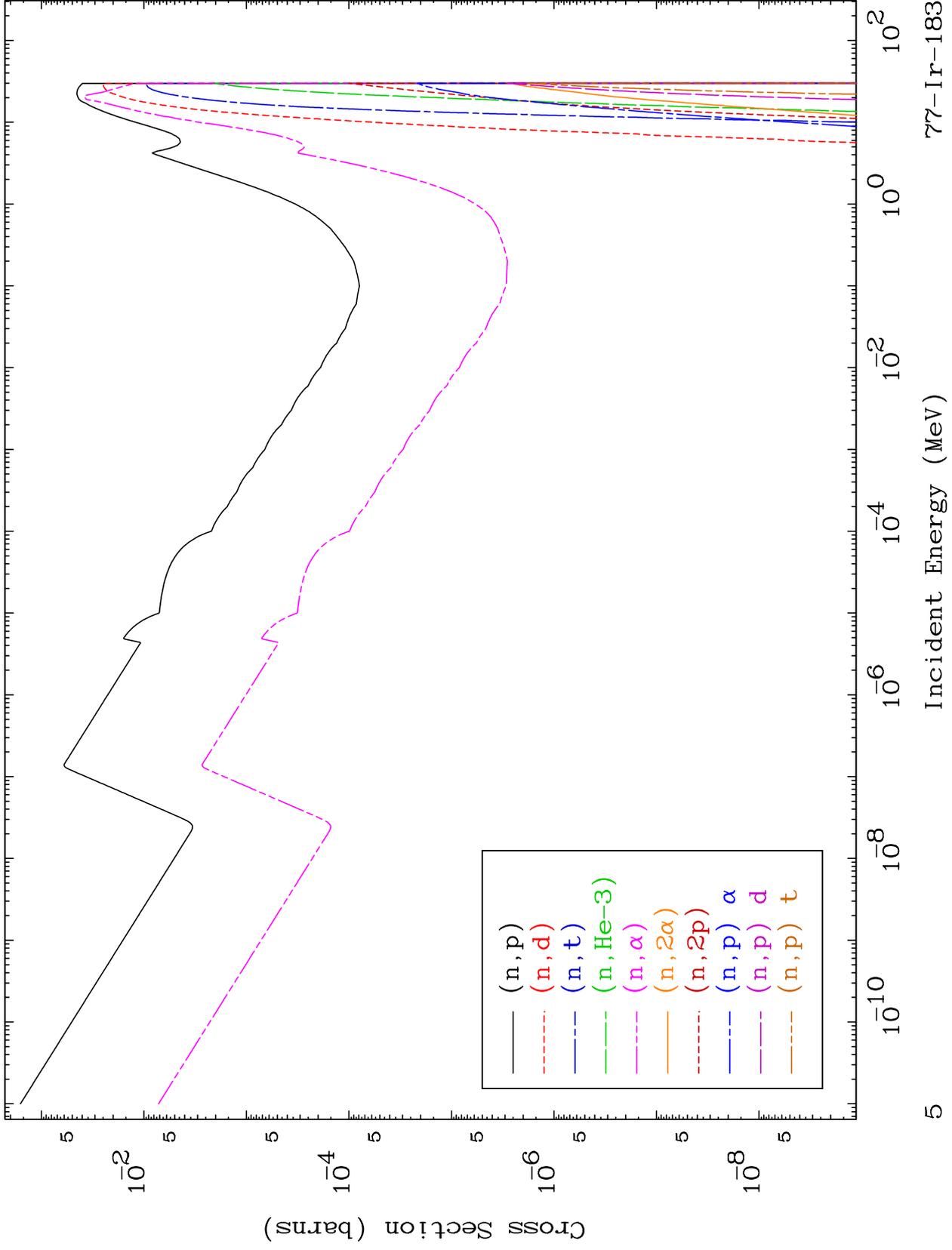
⁷⁷Ir-183

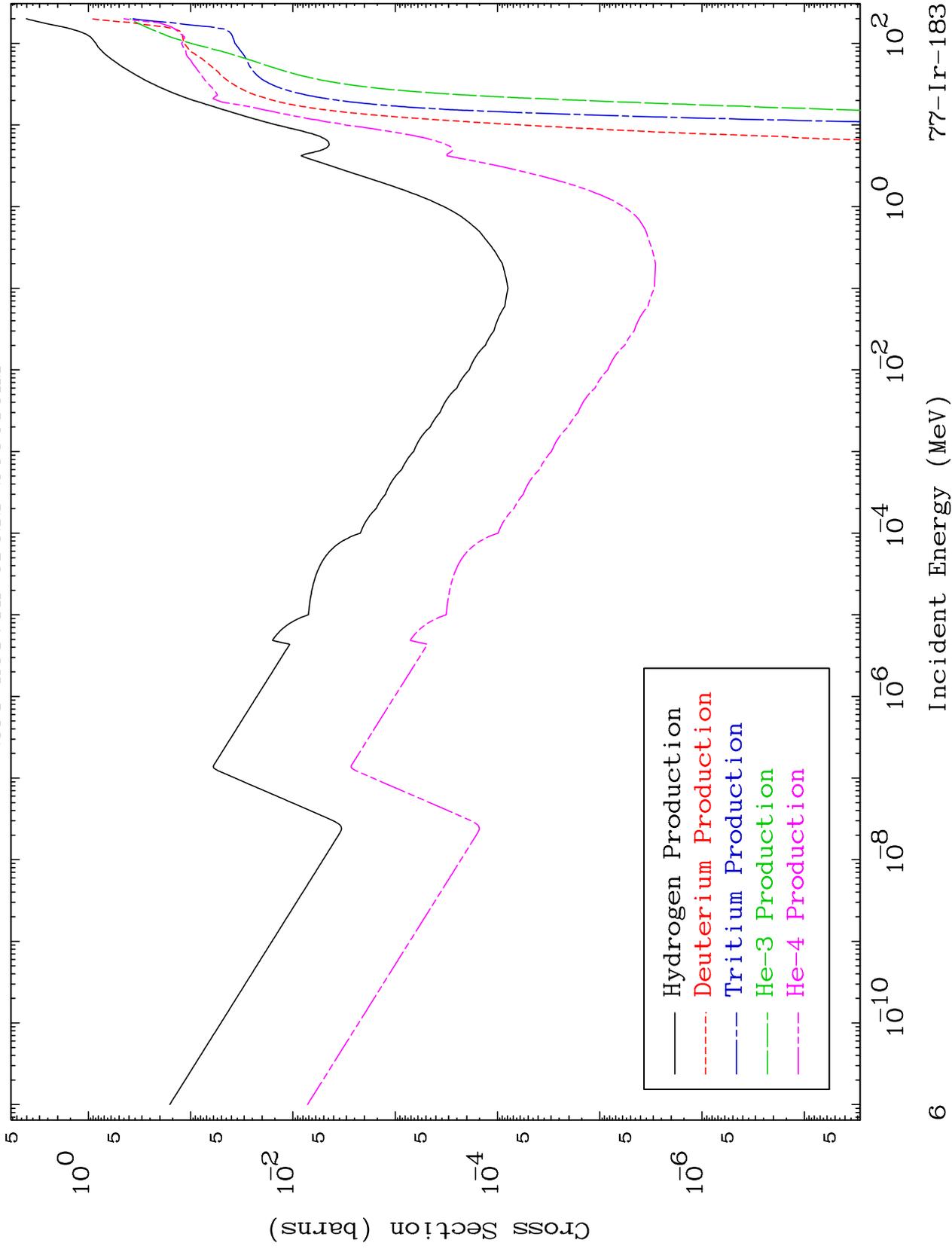


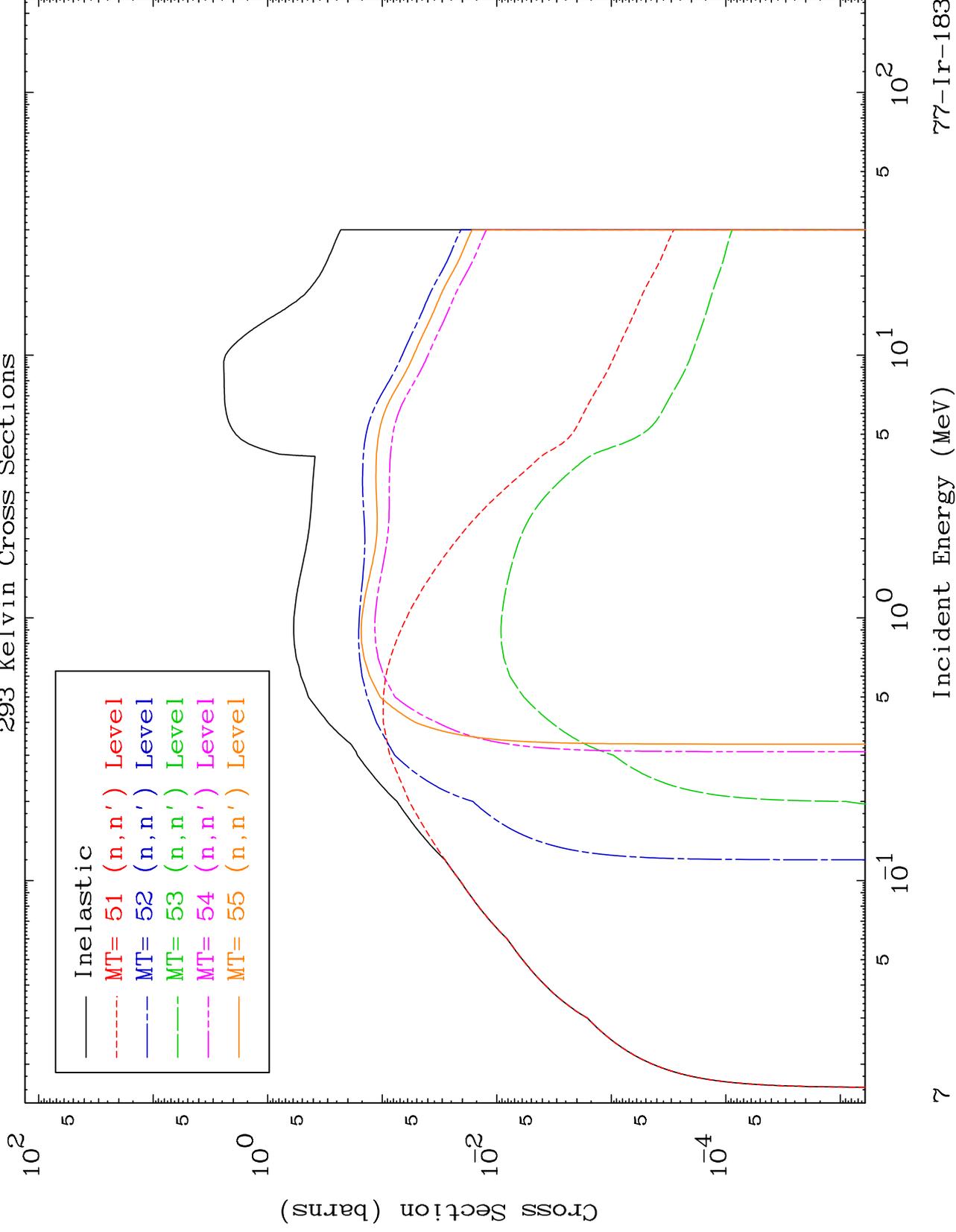
MAT 7701

Charged Particle
293 Kelvin Cross Sections

77-Ir-183





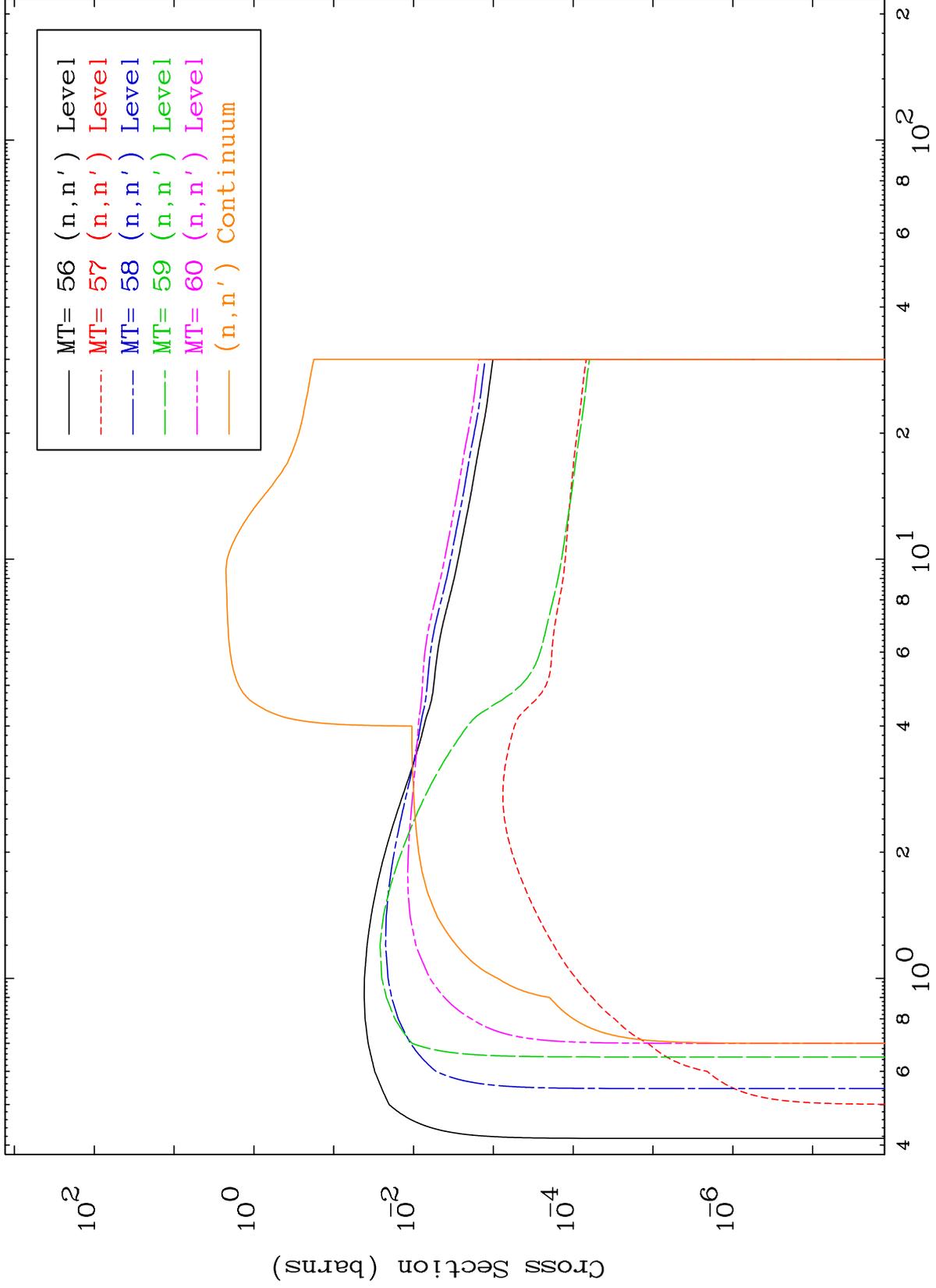


MAT 7701

(n,n') Level

77-Ir-183

293 Kelvin Cross Sections



8

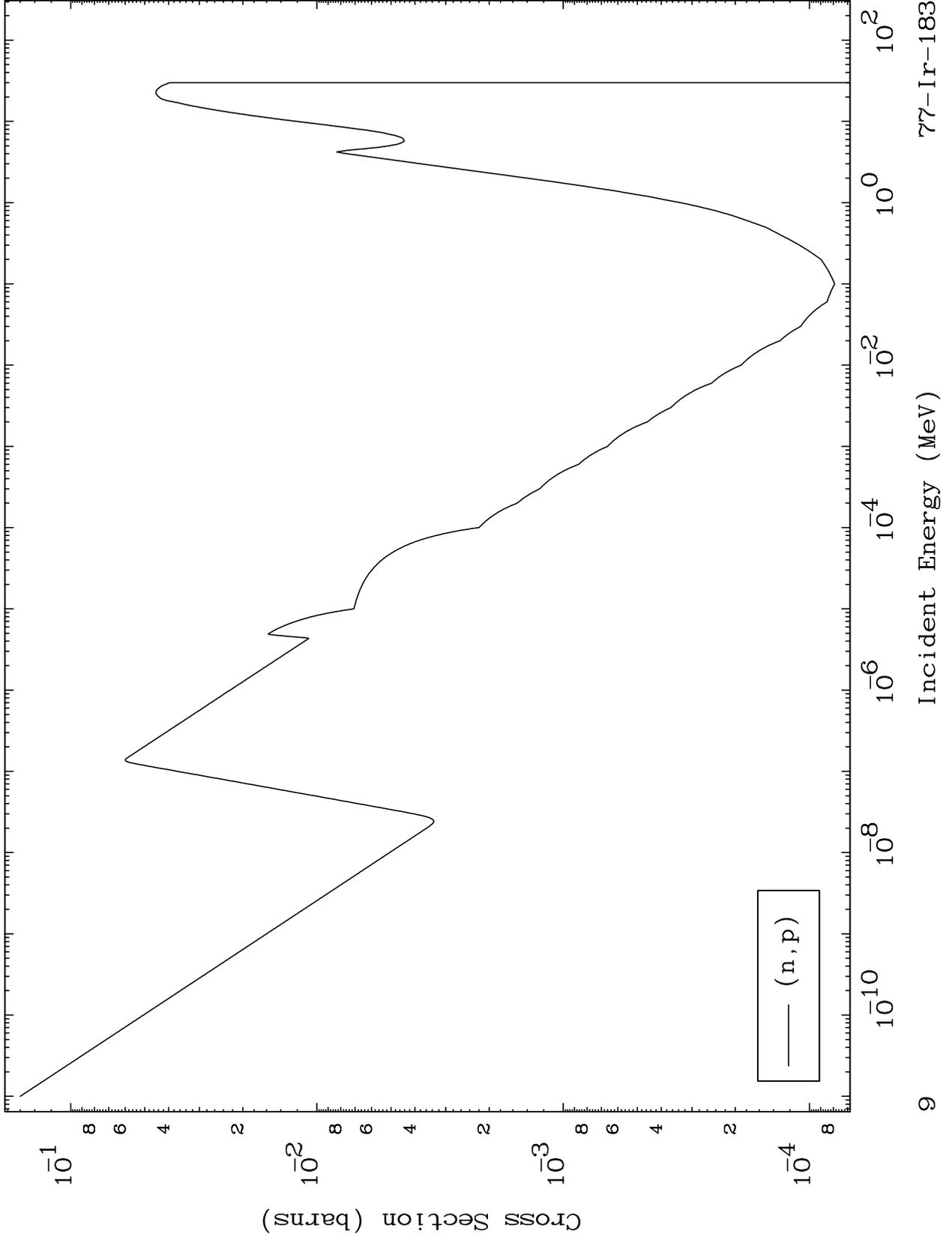
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,p) Levels
293 Kelvin Cross Sections

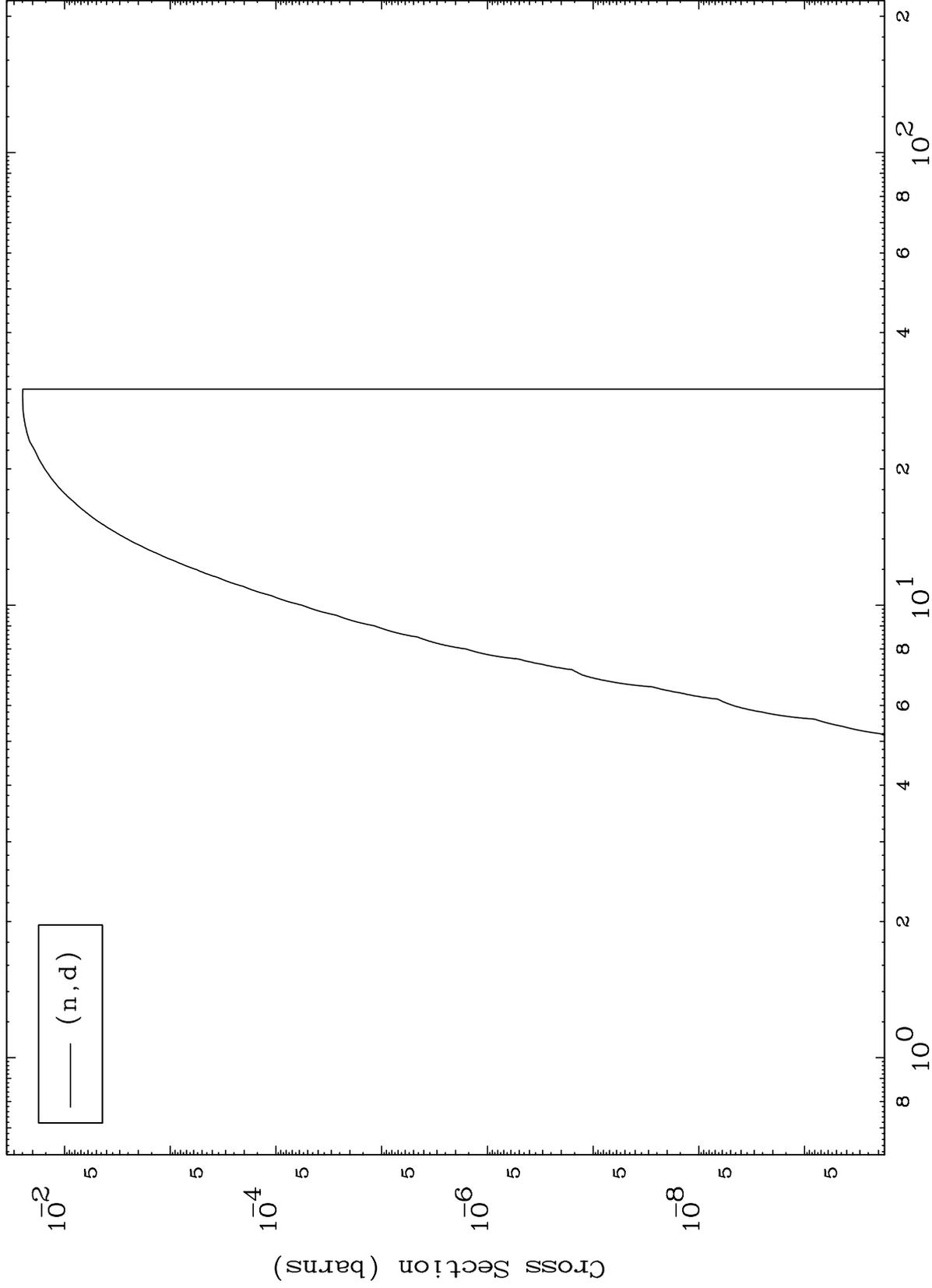
77-Ir-183



MAT 7701

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-183



10

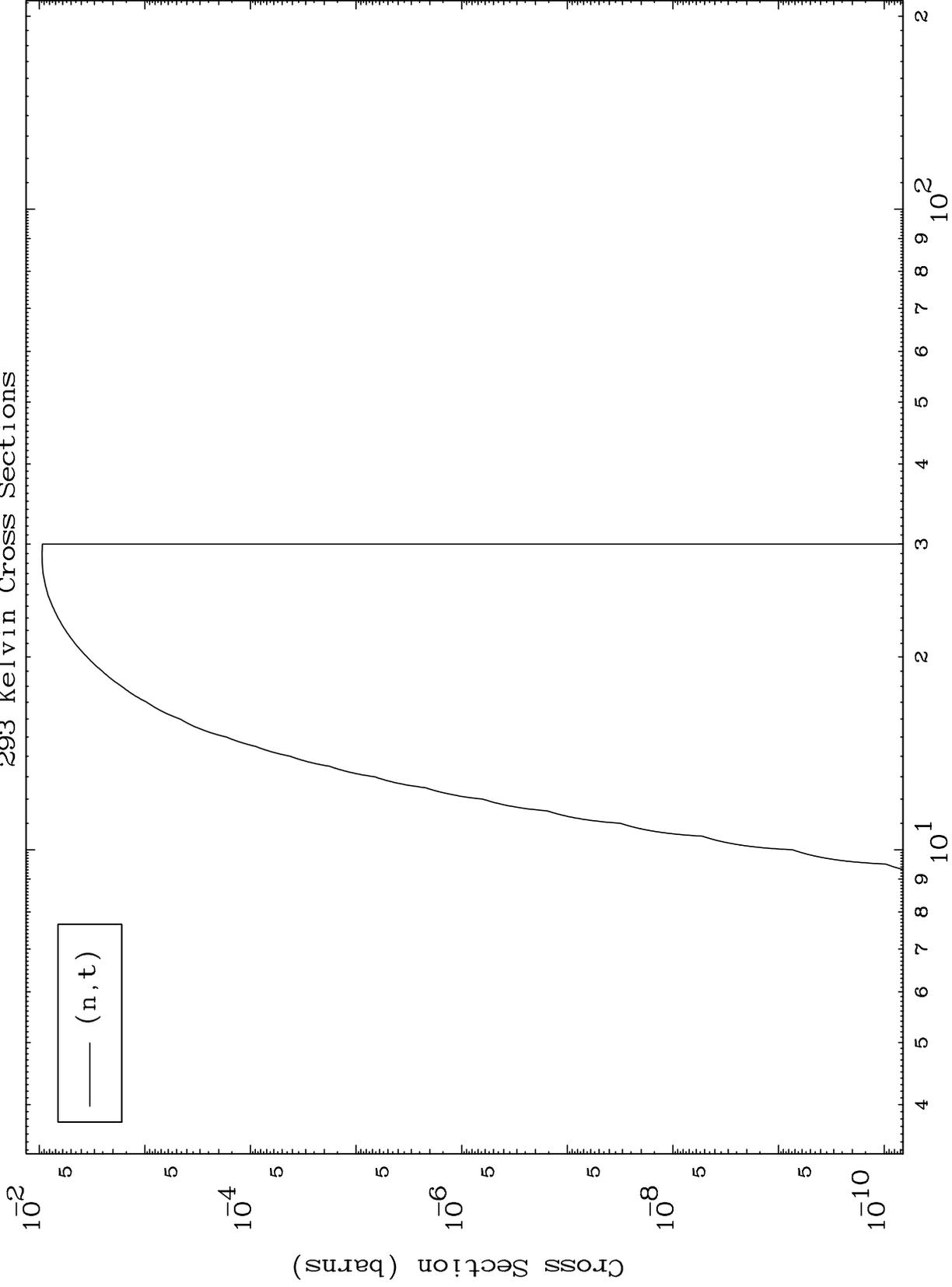
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,t) Levels
293 Kelvin Cross Sections

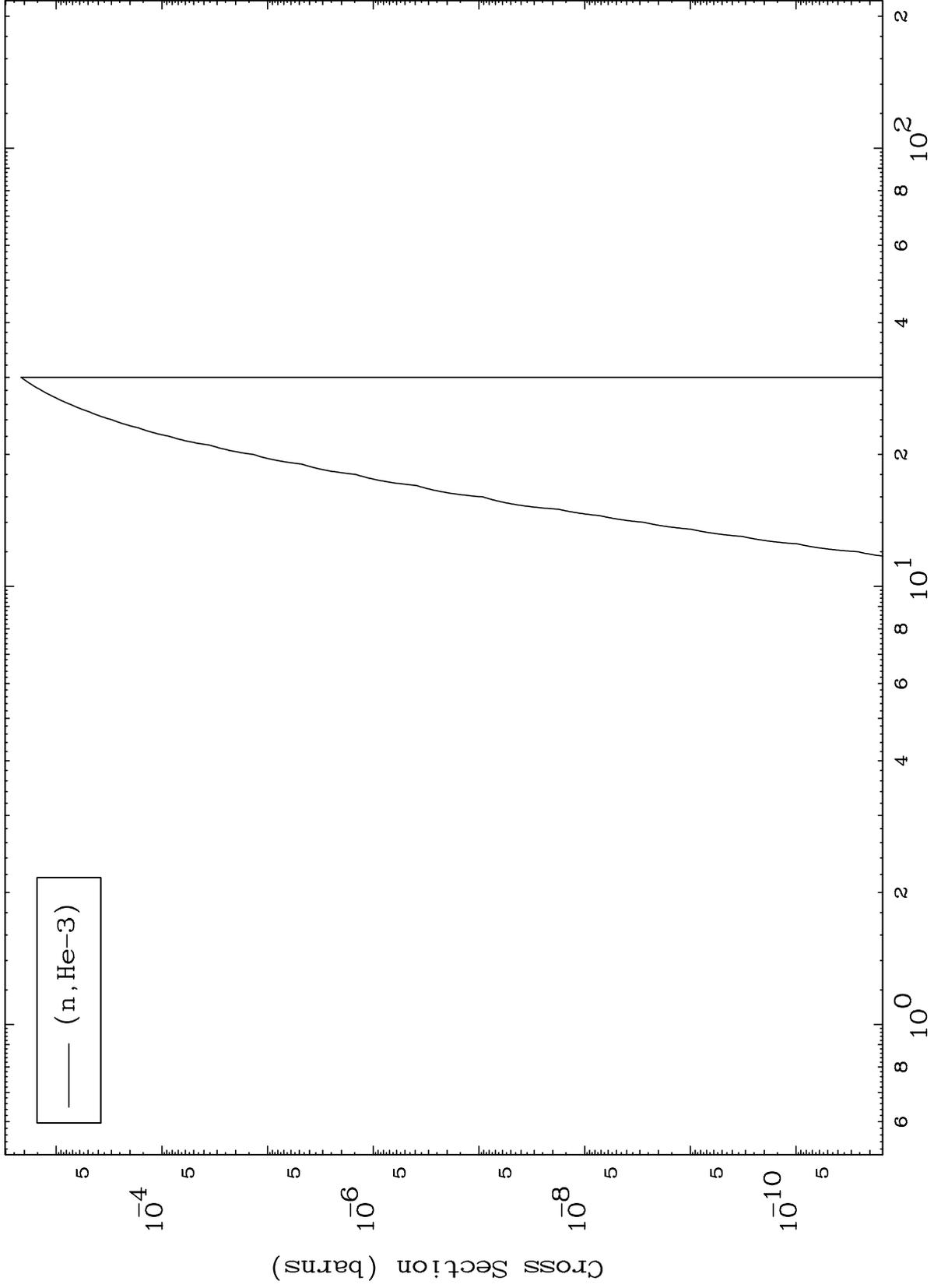
77-Ir-183



MAT 7701

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-183



12

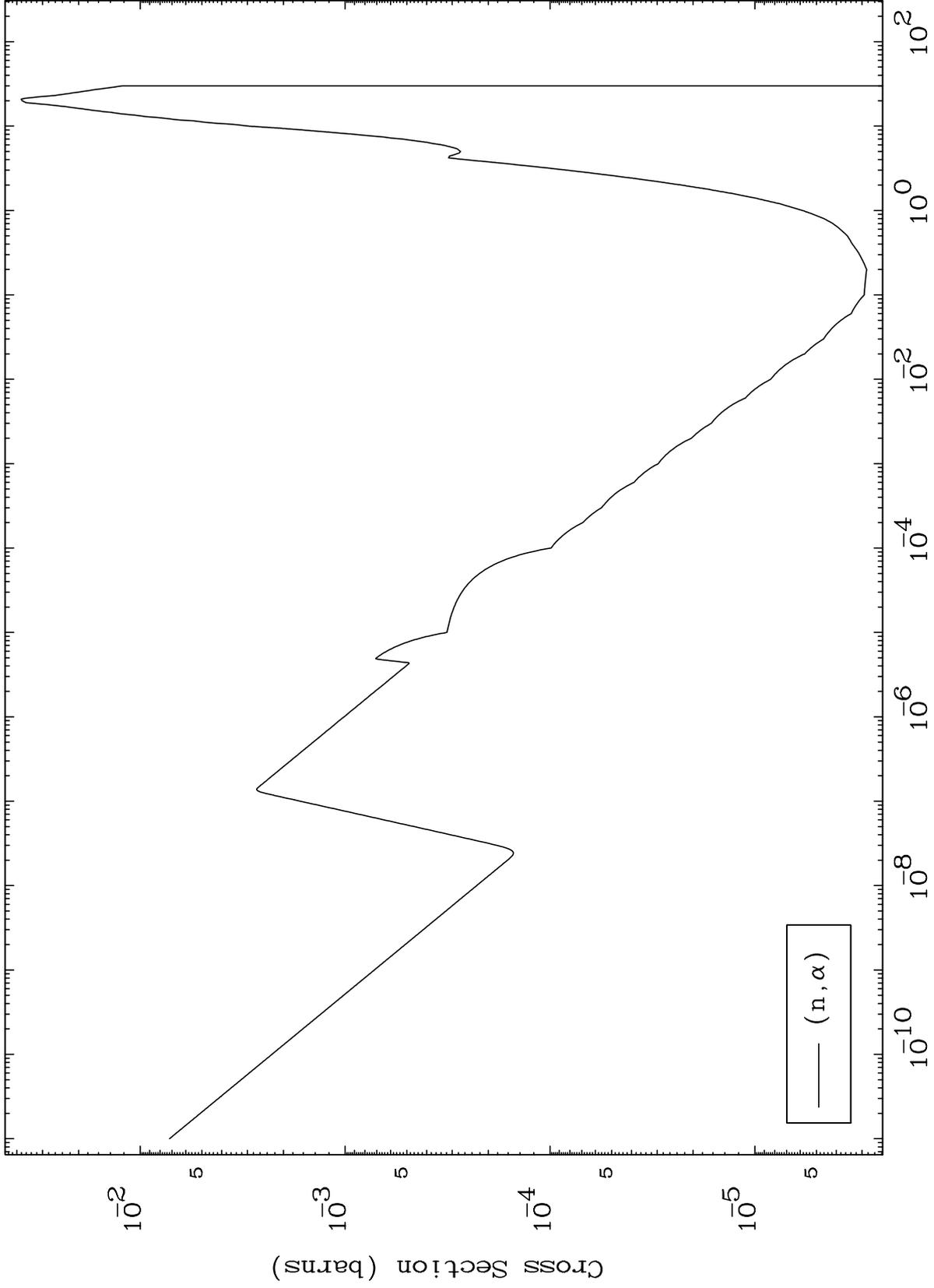
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n, α) Levels
293 Kelvin Cross Sections

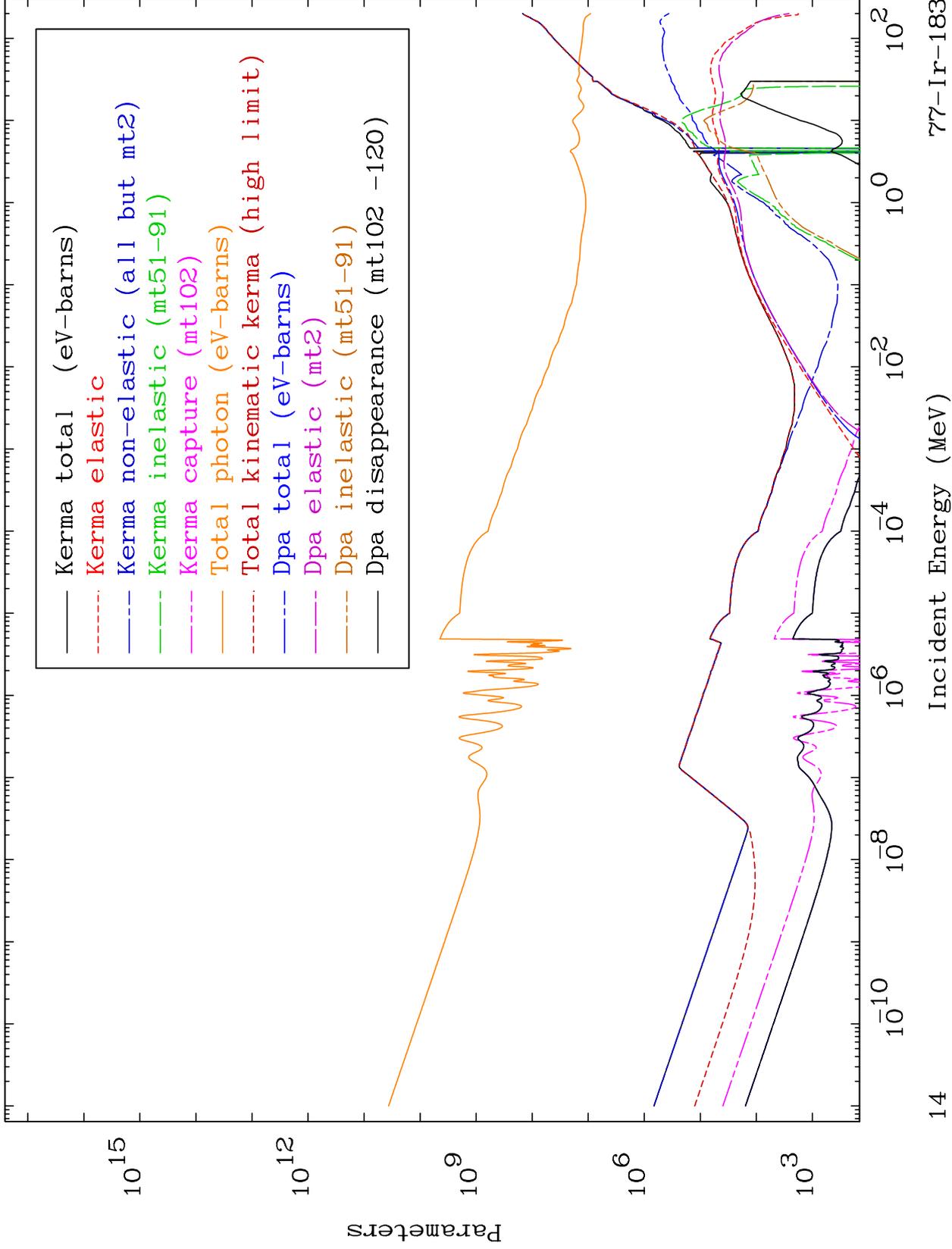
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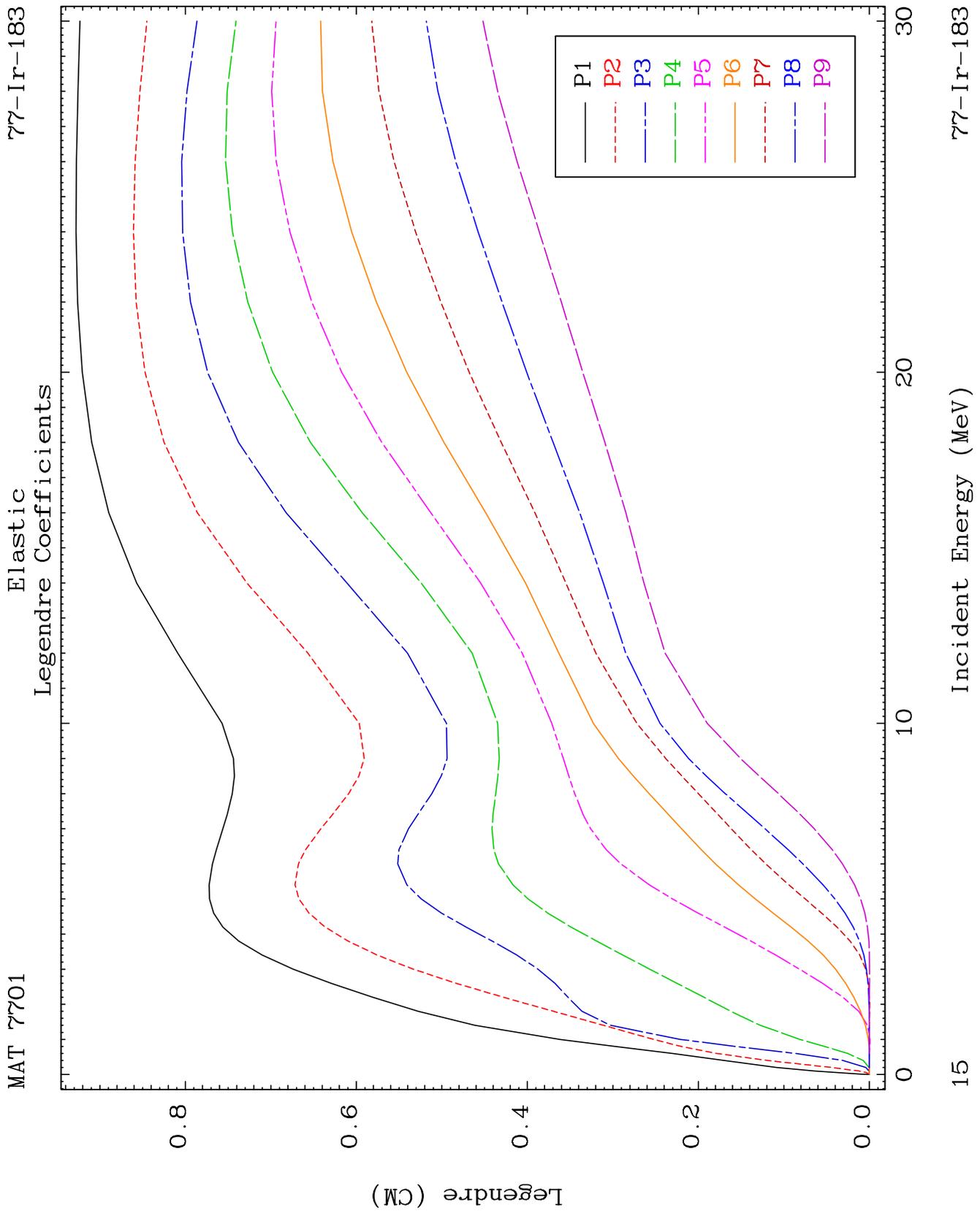


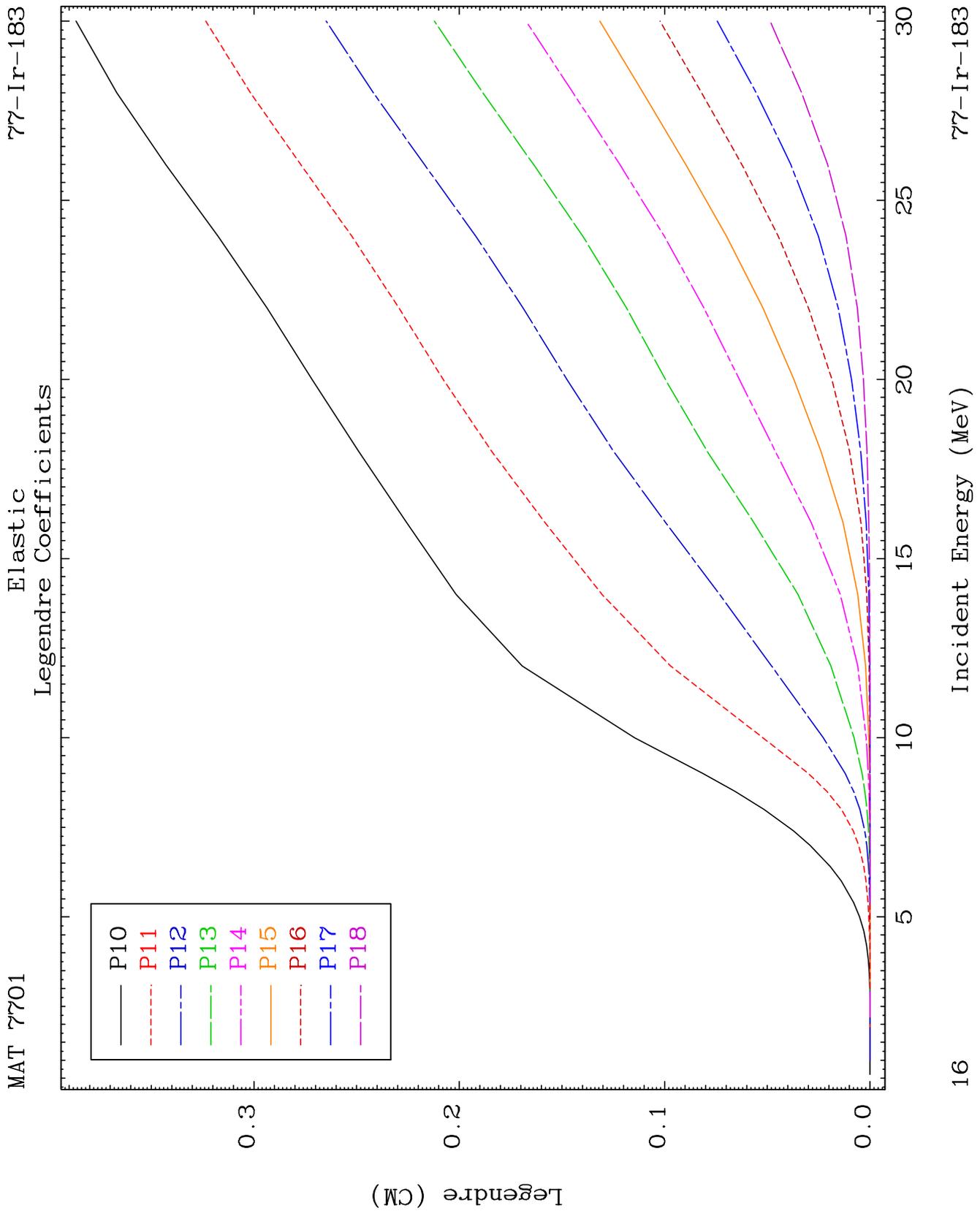
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Incident Energy (MeV)

77-Ir-183



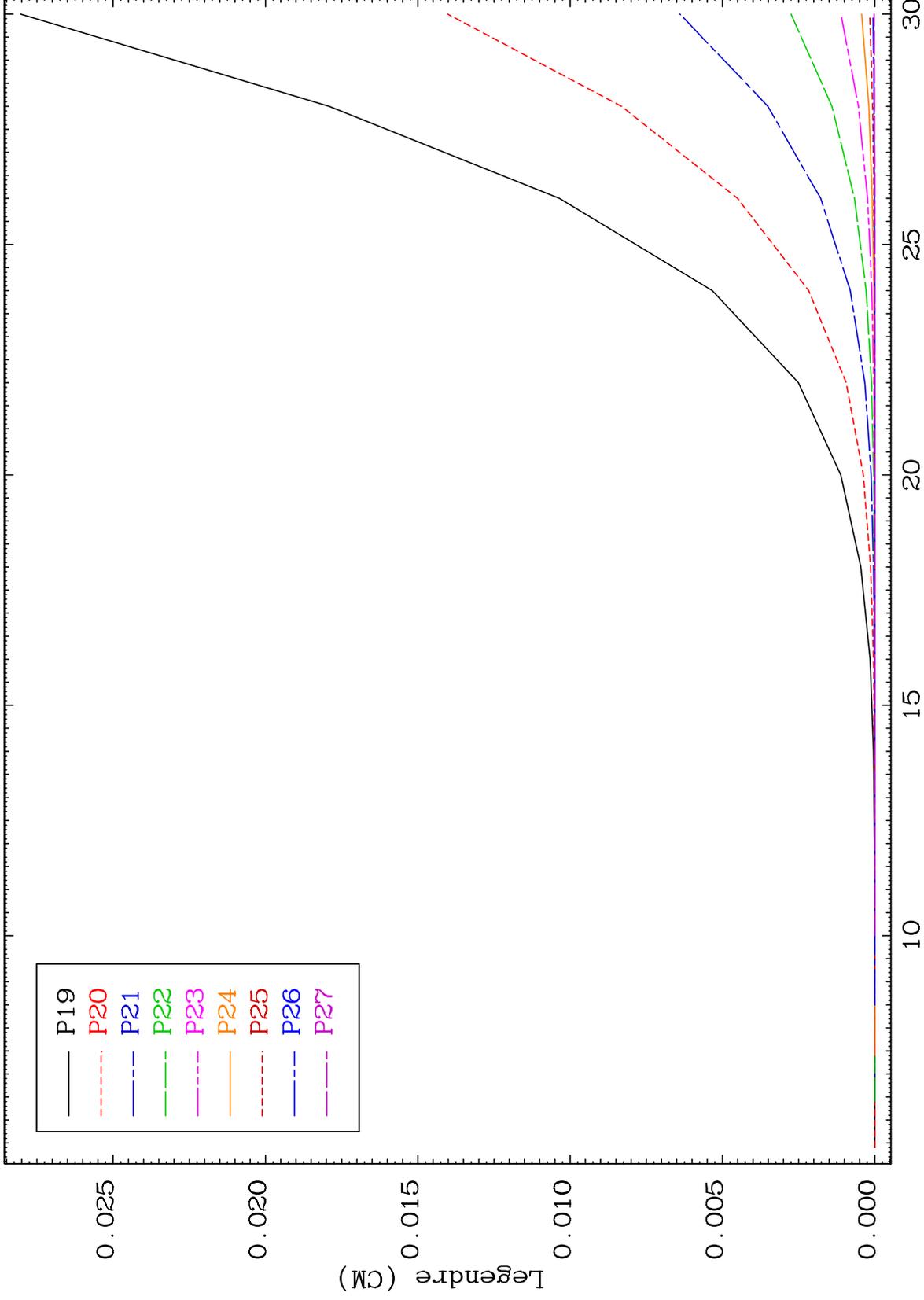




MAT 7701

Elastic Legendre Coefficients

77-Ir-183



17

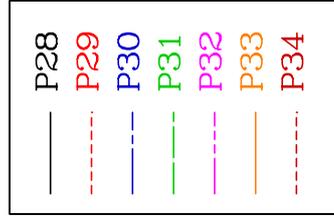
Incident Energy (MeV)

77-Ir-183

MAT 7701

Elastic
Legendre Coefficients

77-Ir-183



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

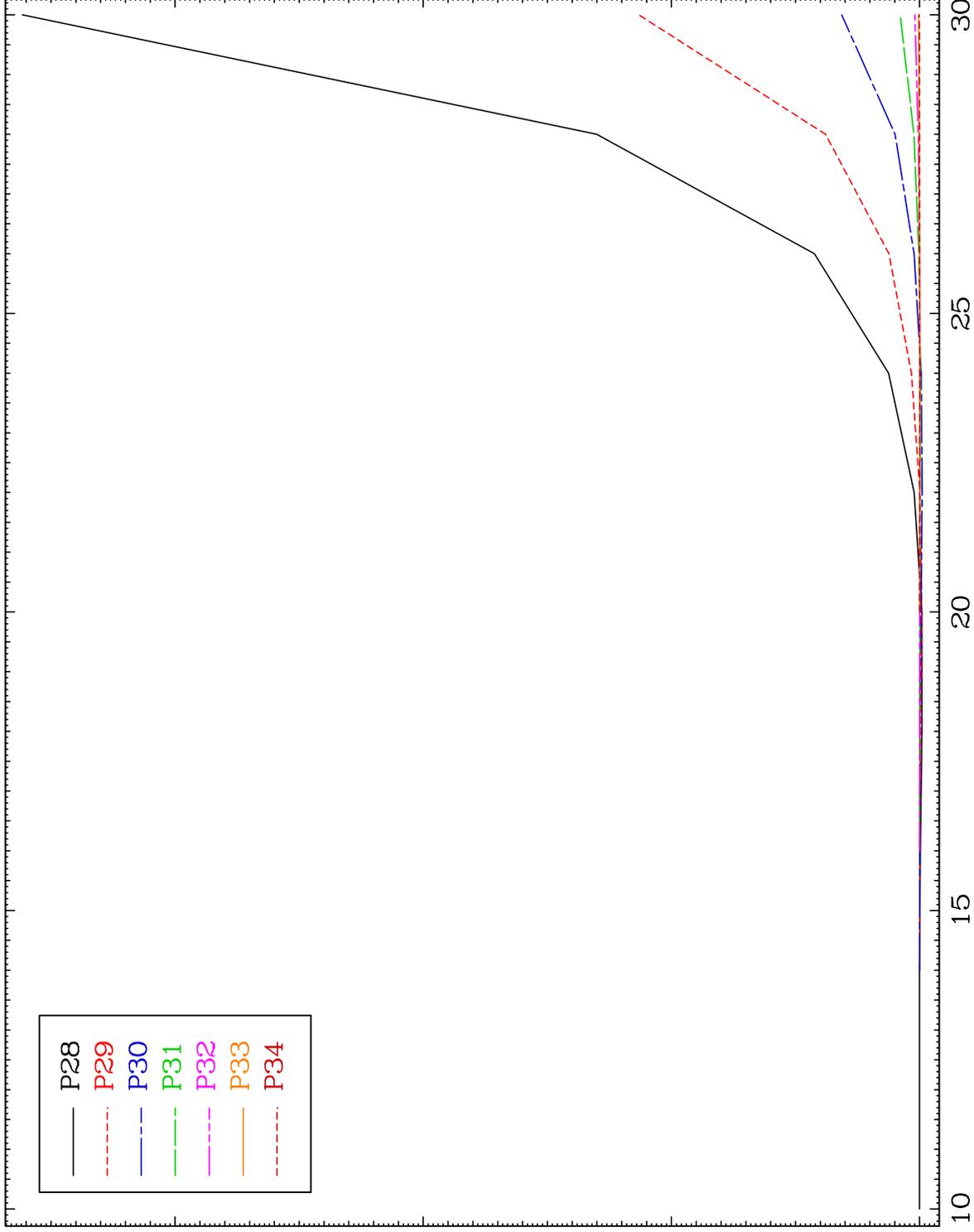
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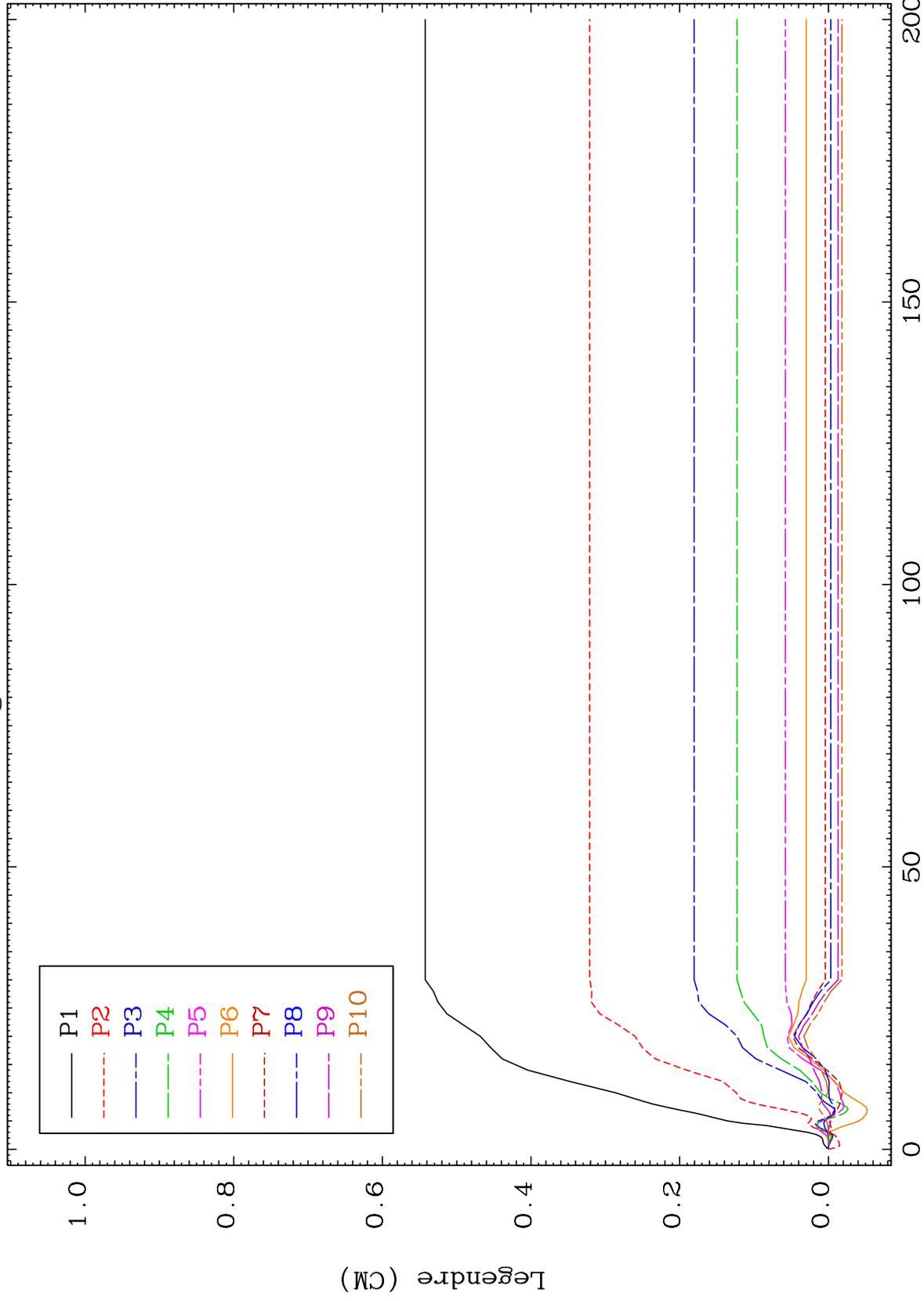
30

18

Incident Energy (MeV)

77-Ir-183

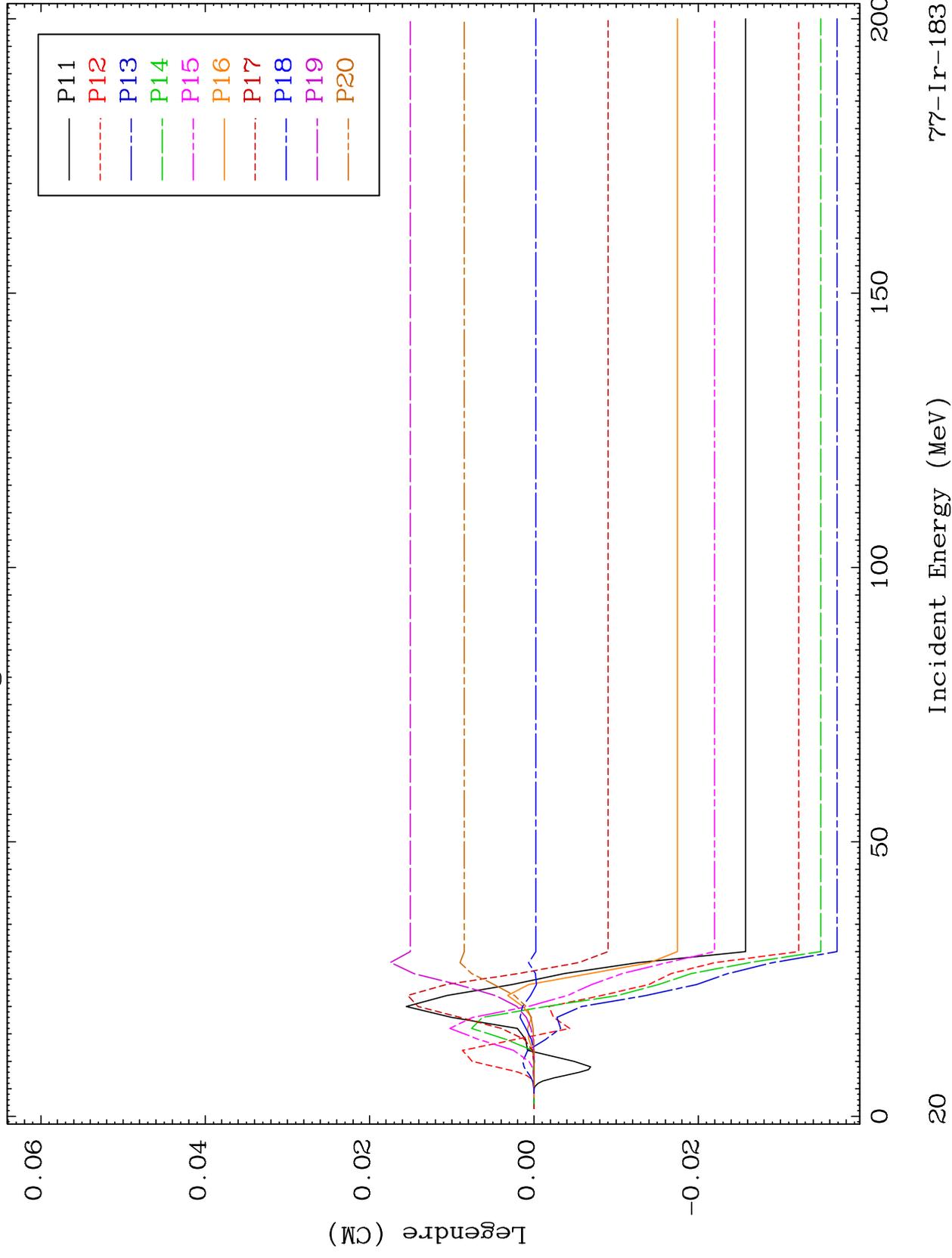




MAT 7701

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

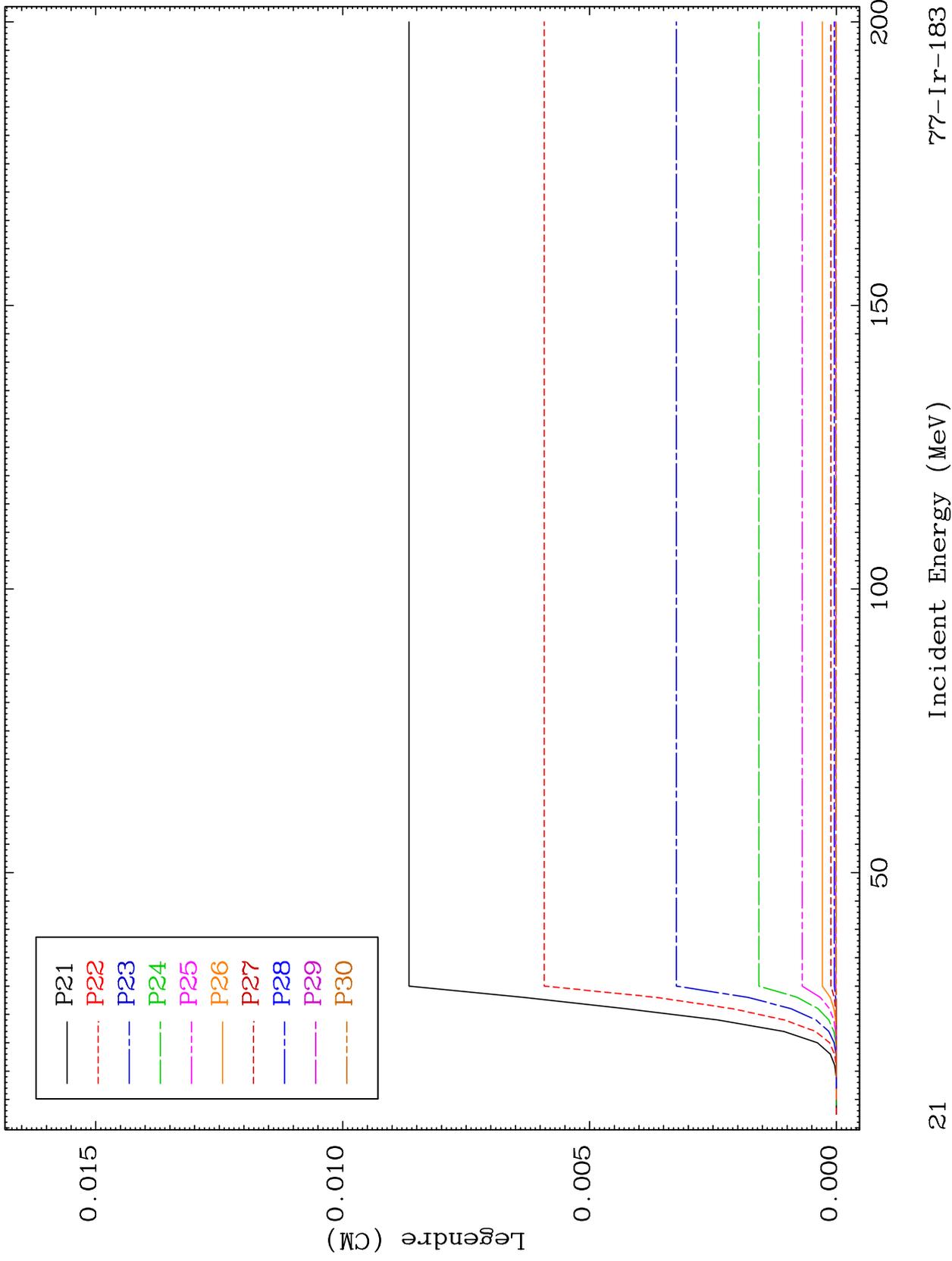
77-Ir-183



77-Ir-183

Incident Energy (MeV)

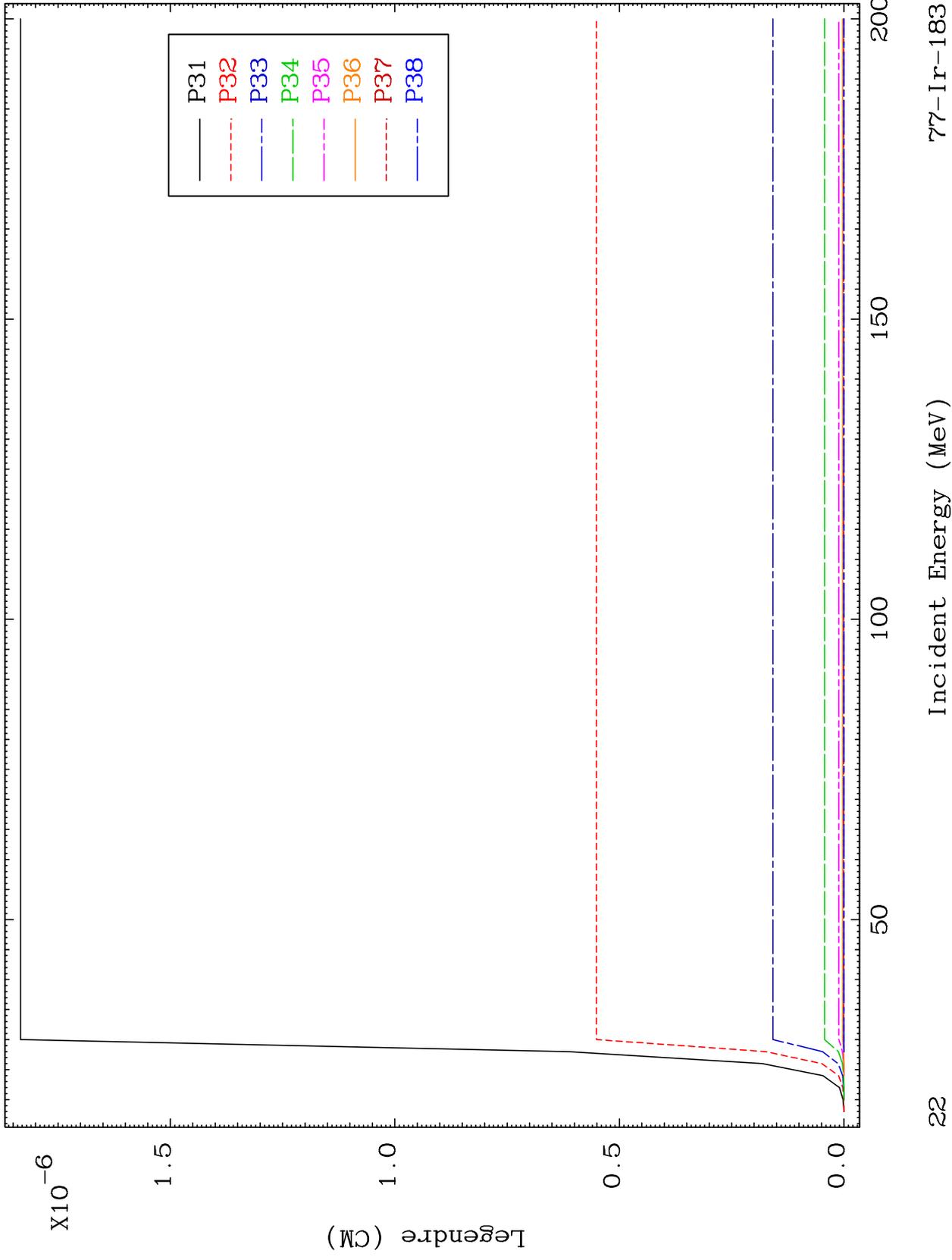
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MAT 7701

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

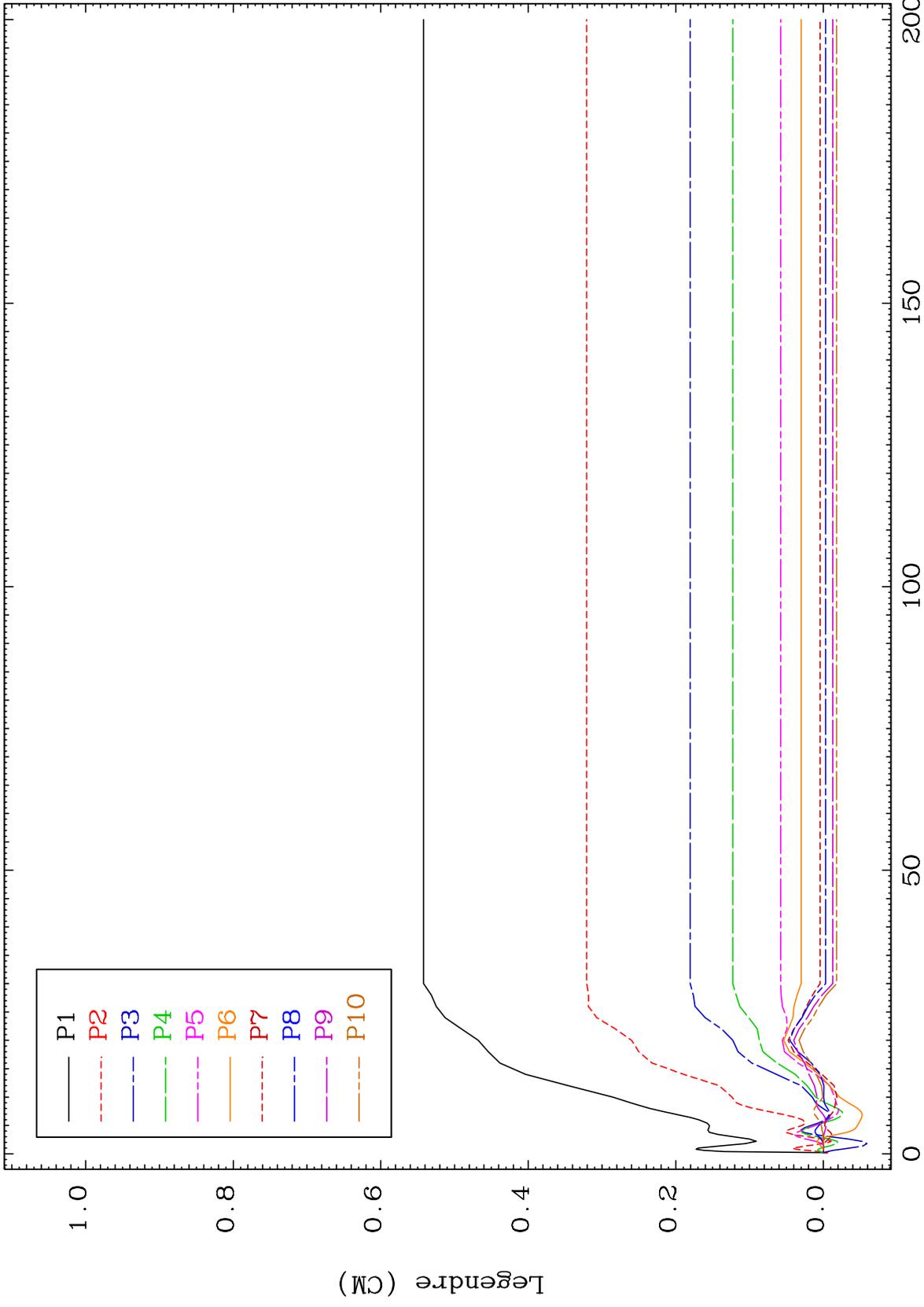
77-Ir-183



22

Incident Energy (MeV)

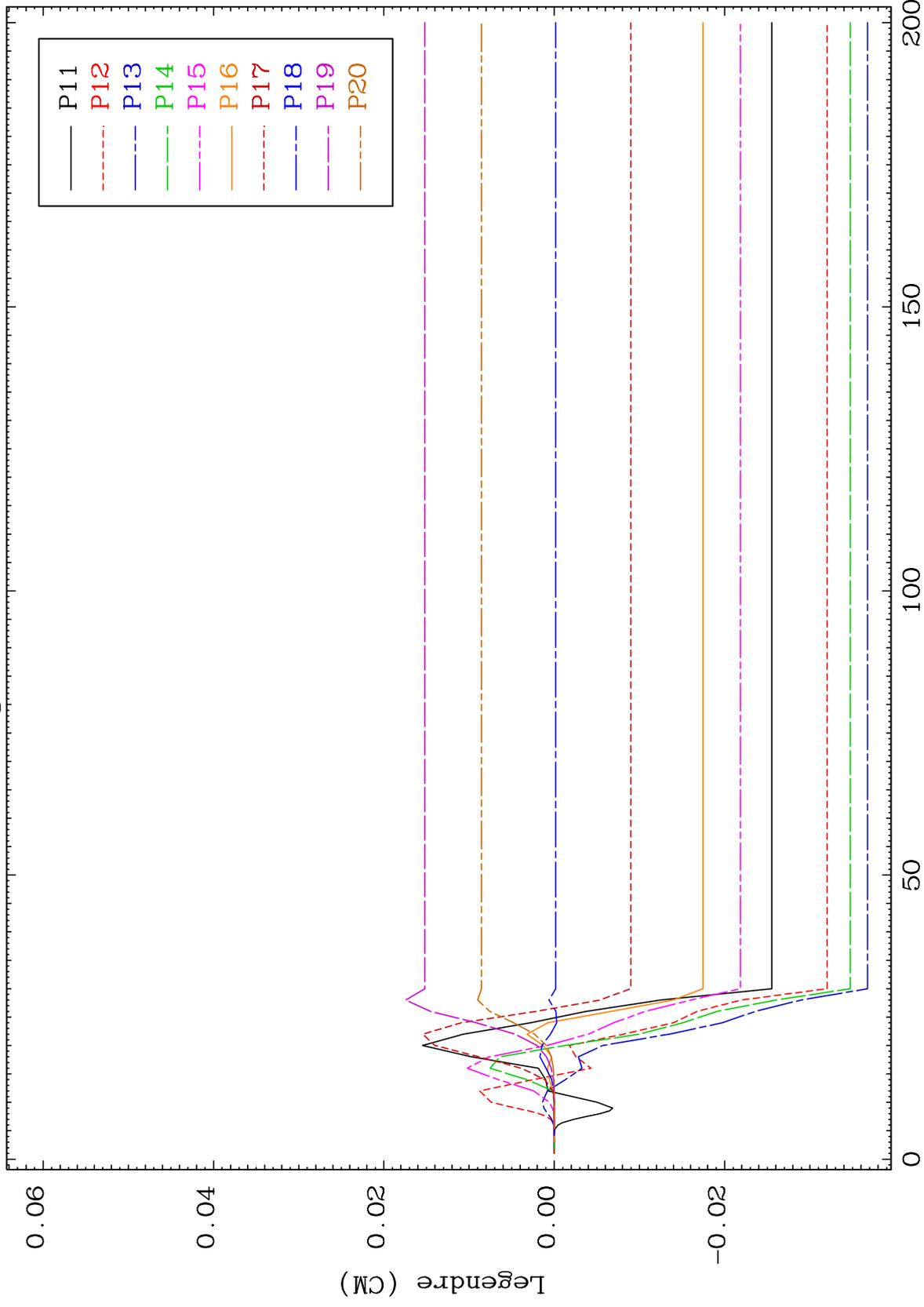
77-Ir-183



MAT 7701

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

77-Ir-183



24

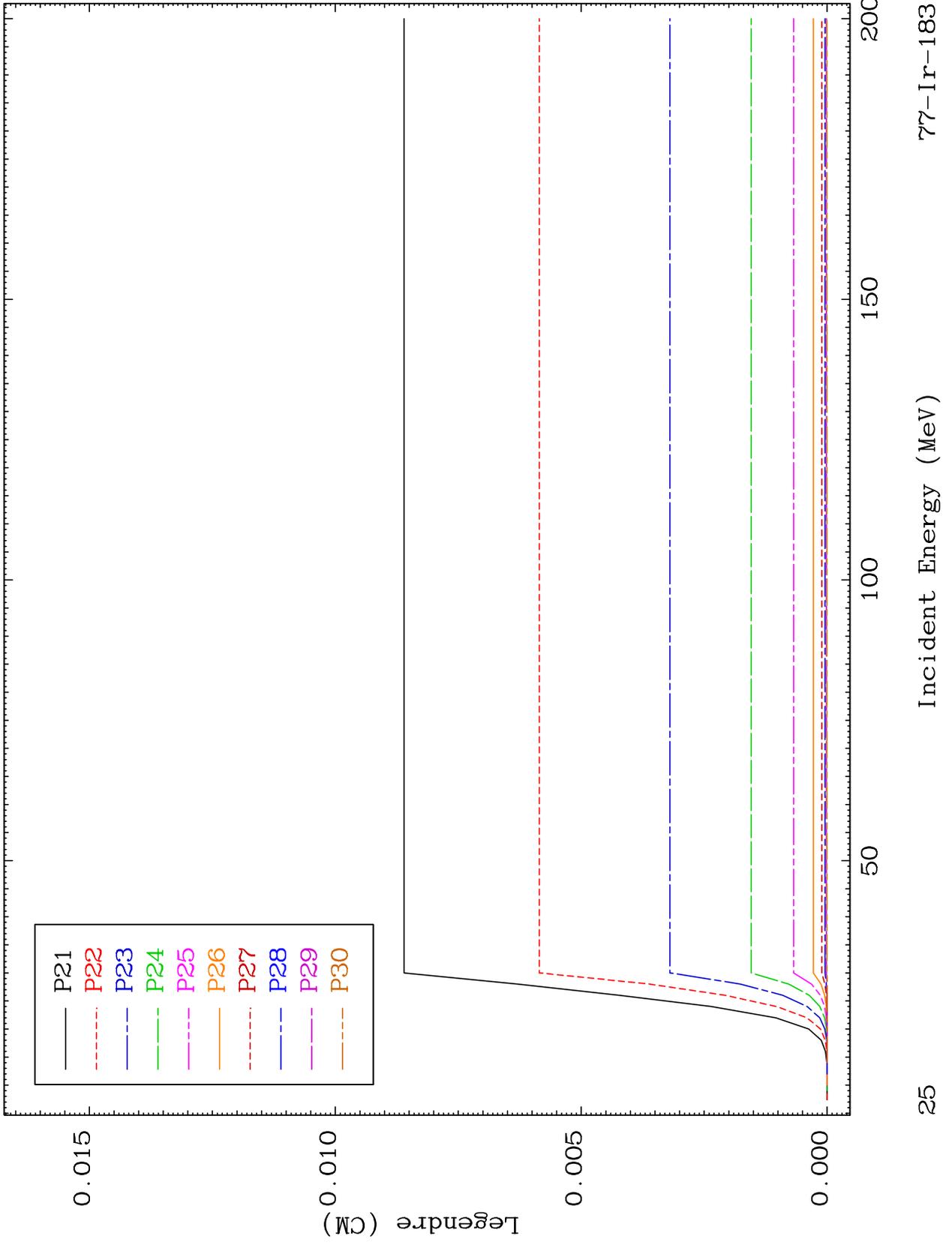
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

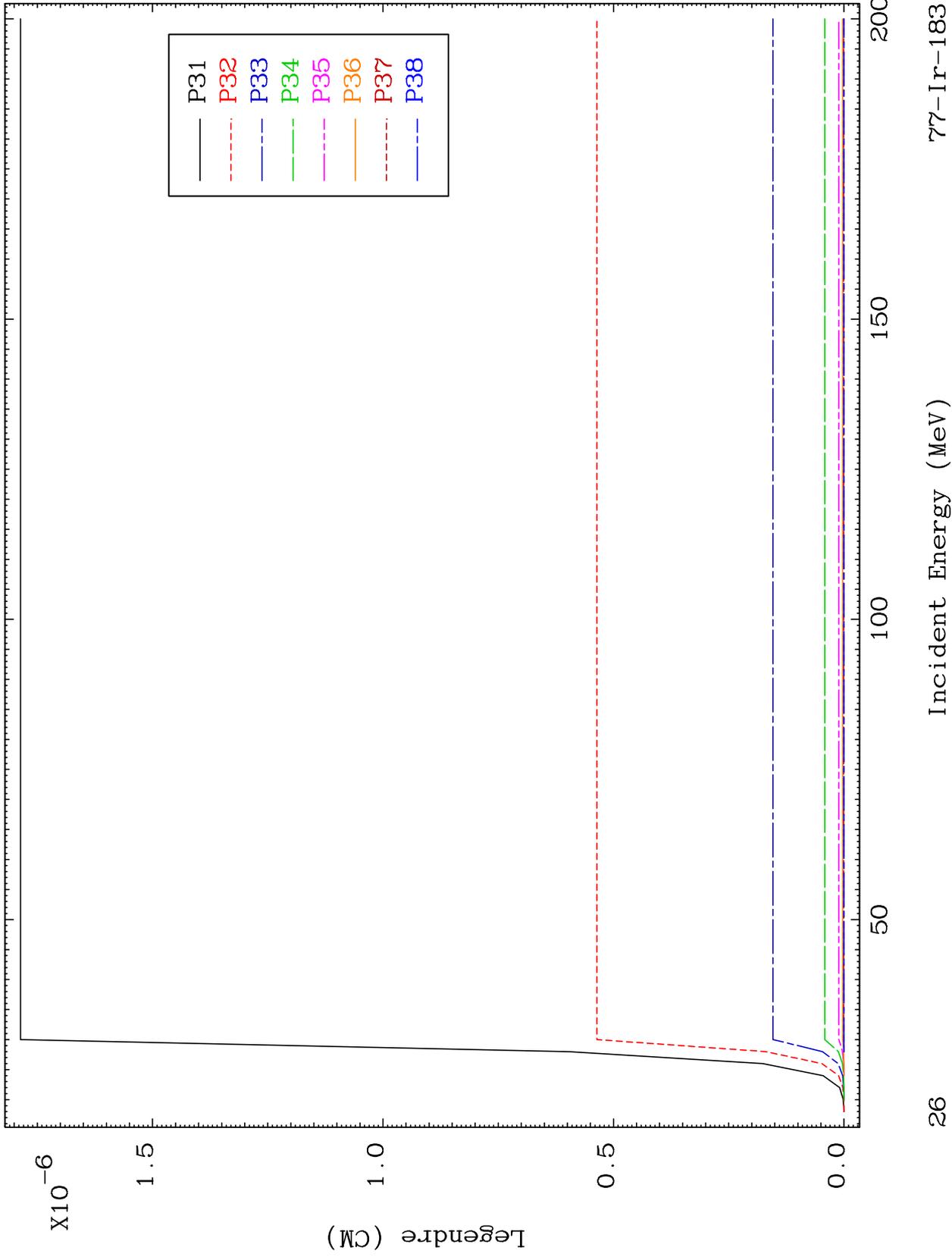
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25

Incident Energy (MeV)

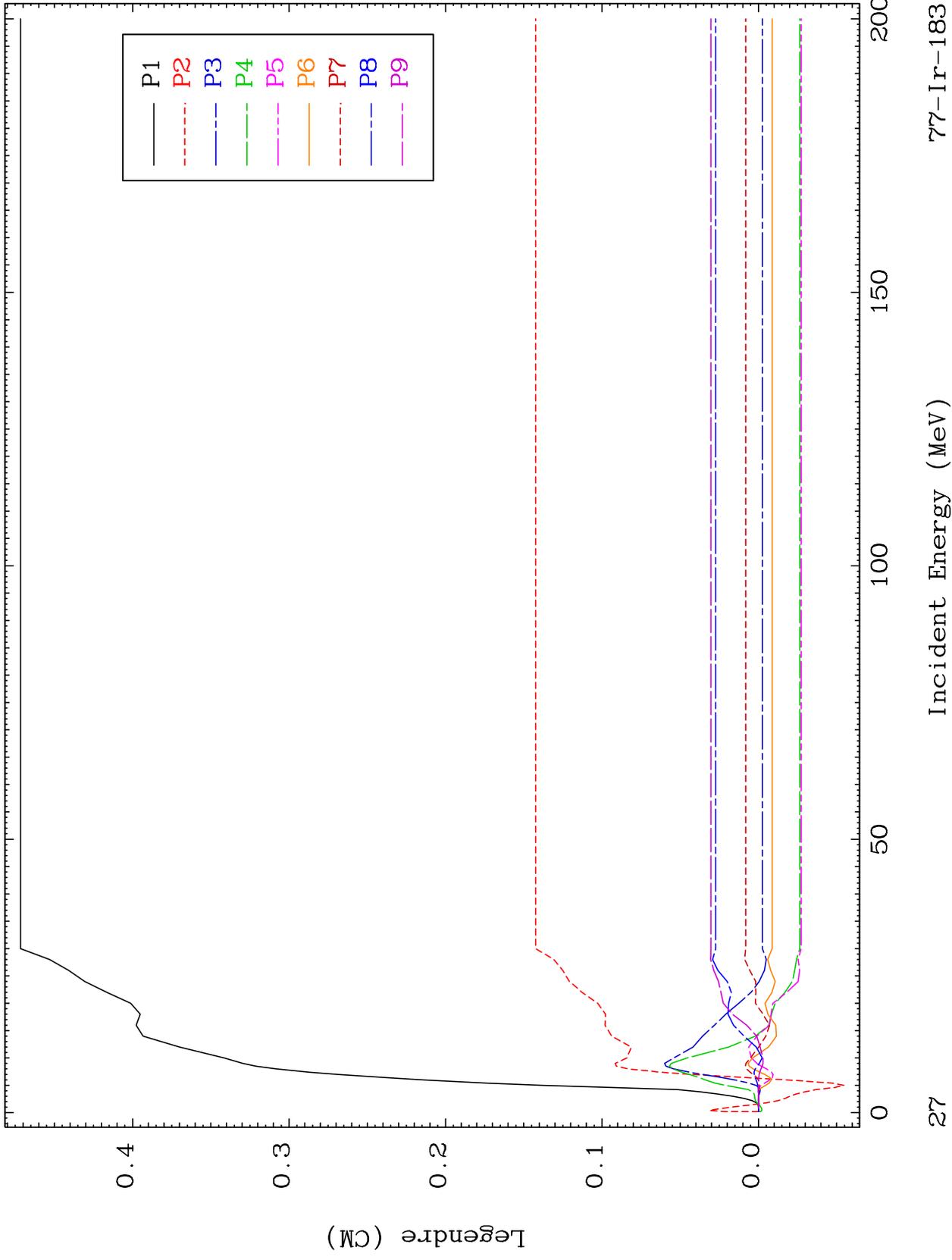
77-Ir-183



MAT 7701

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

77-Ir-183



77-Ir-183

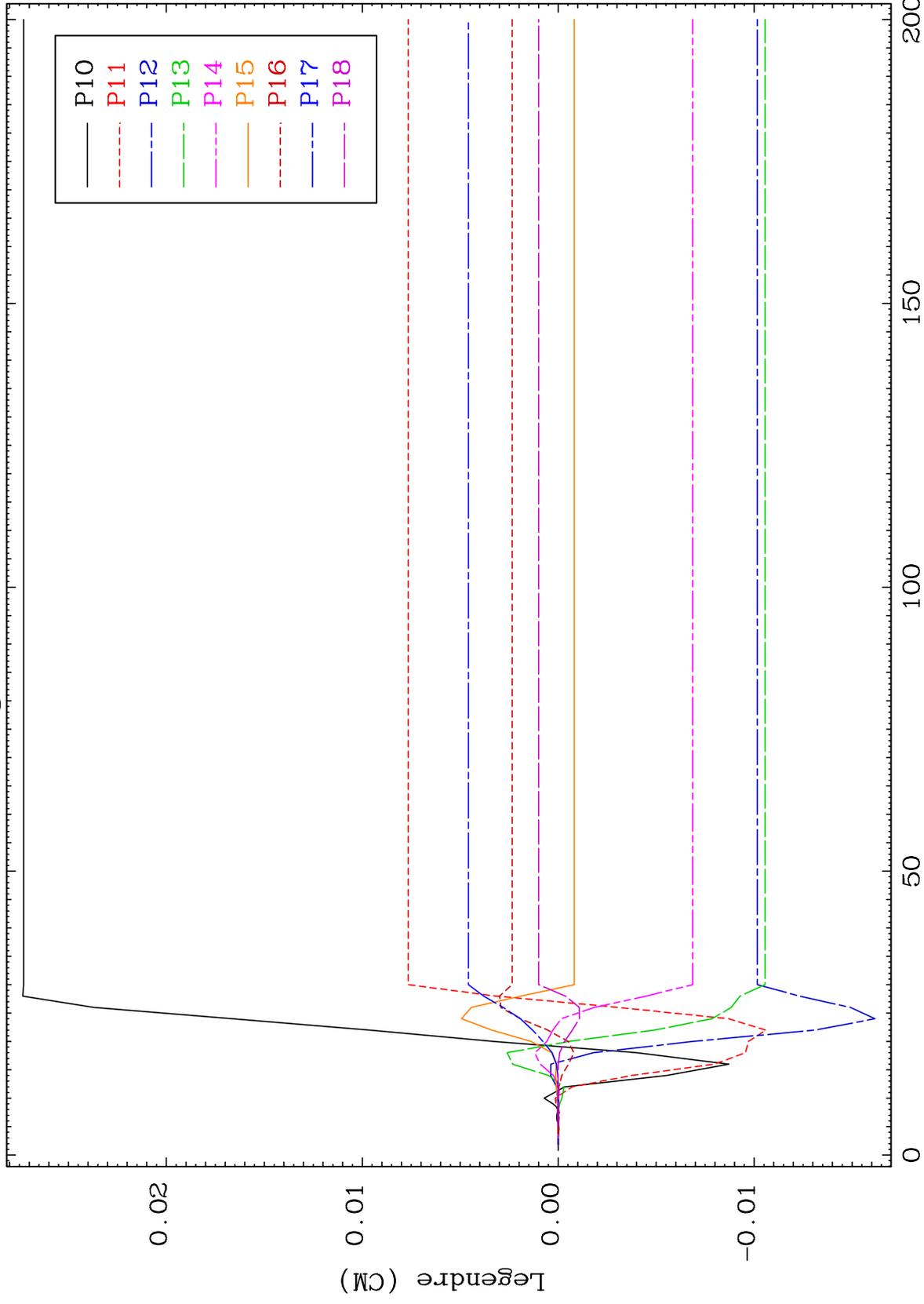
Incident Energy (MeV)

27

MAT 7701

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

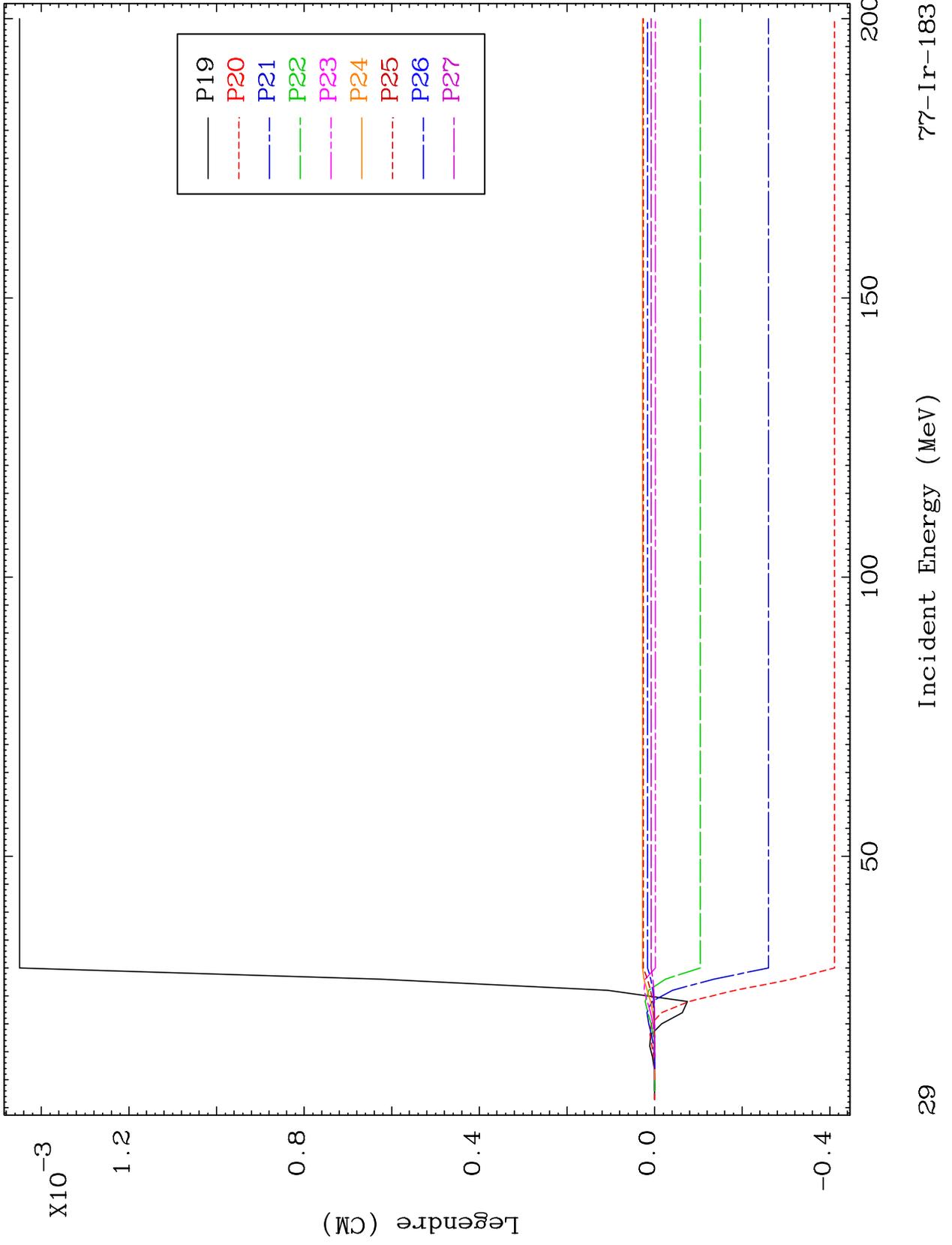
77-Ir-183



28

Incident Energy (MeV)

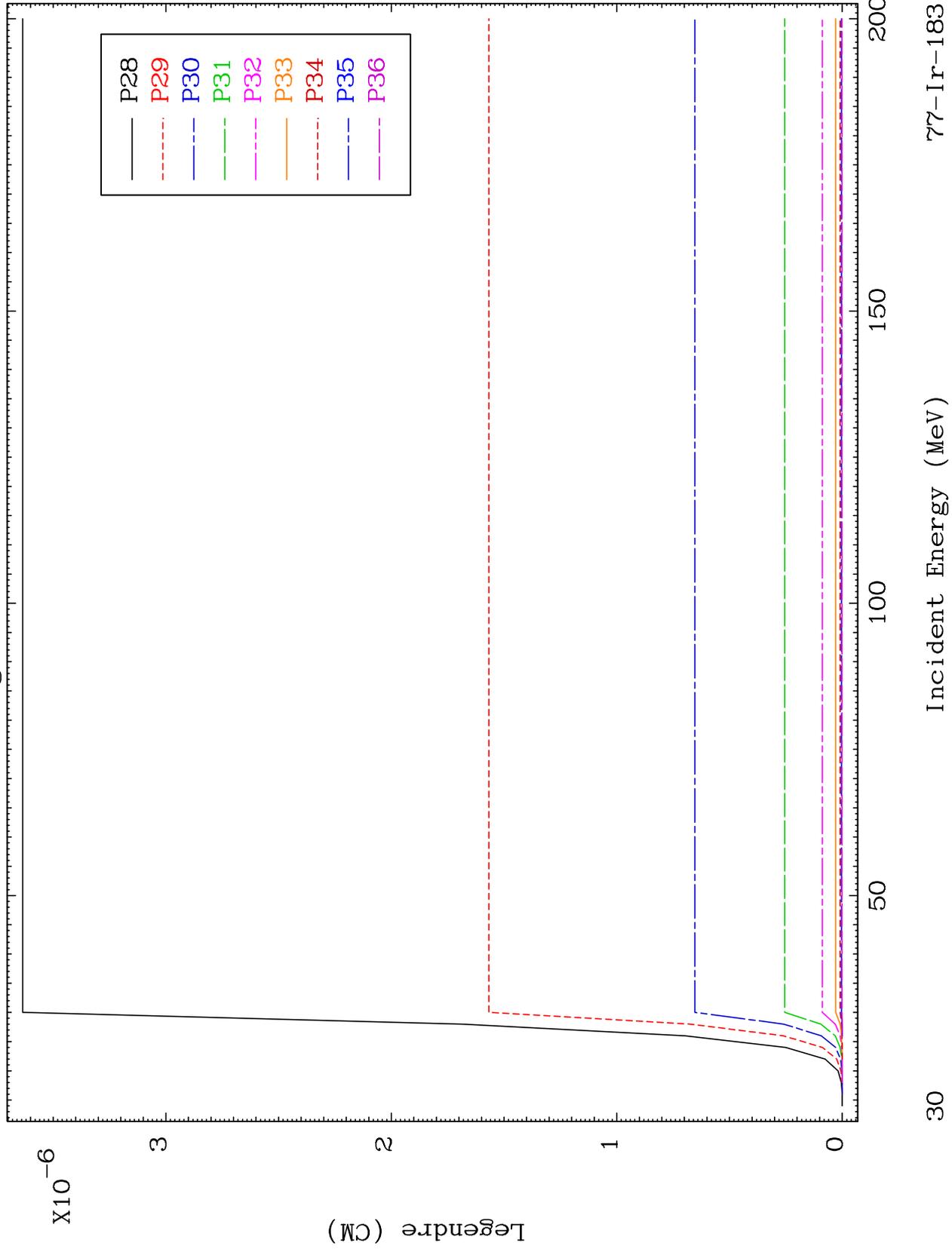
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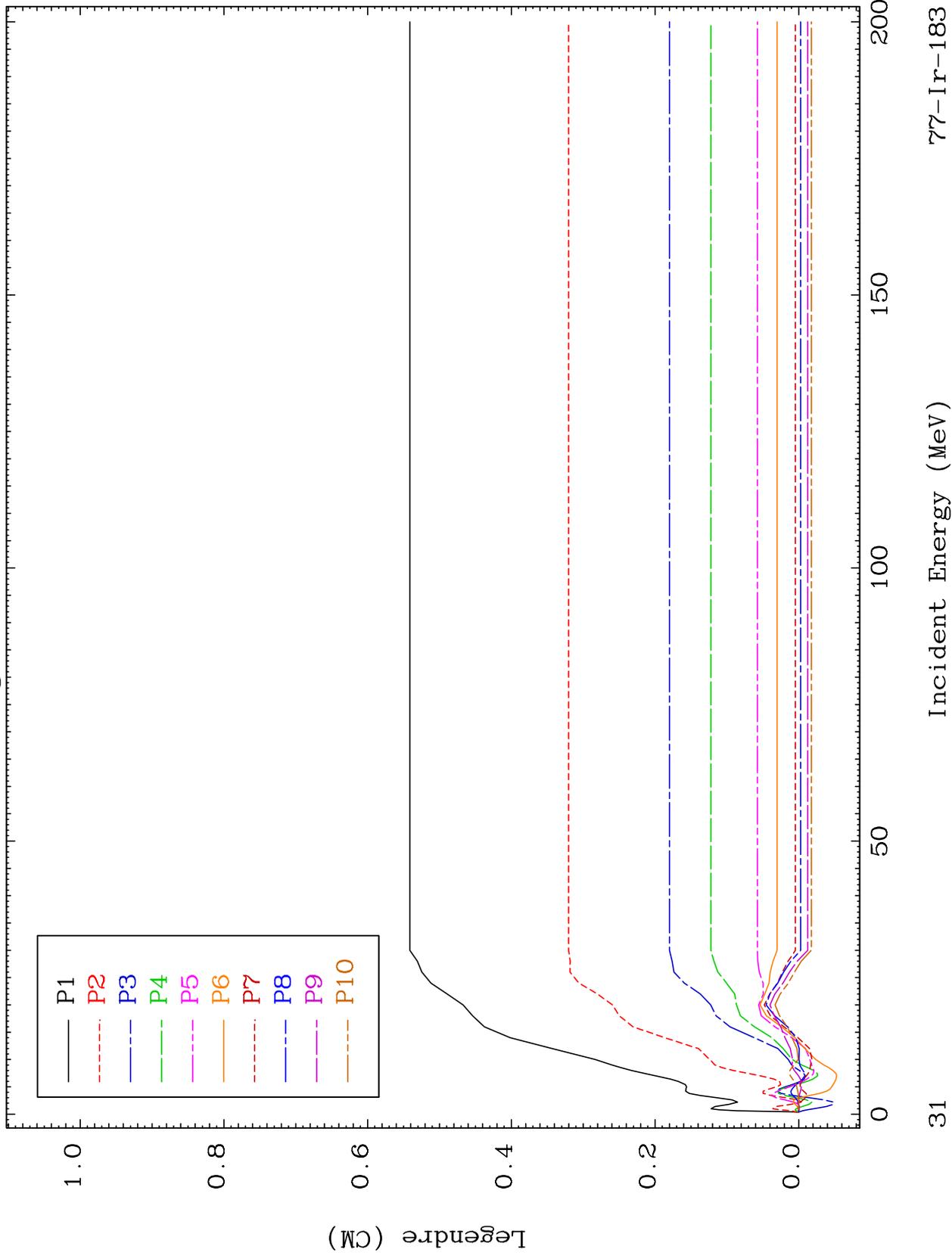


MAT 7701

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

77-Ir-183

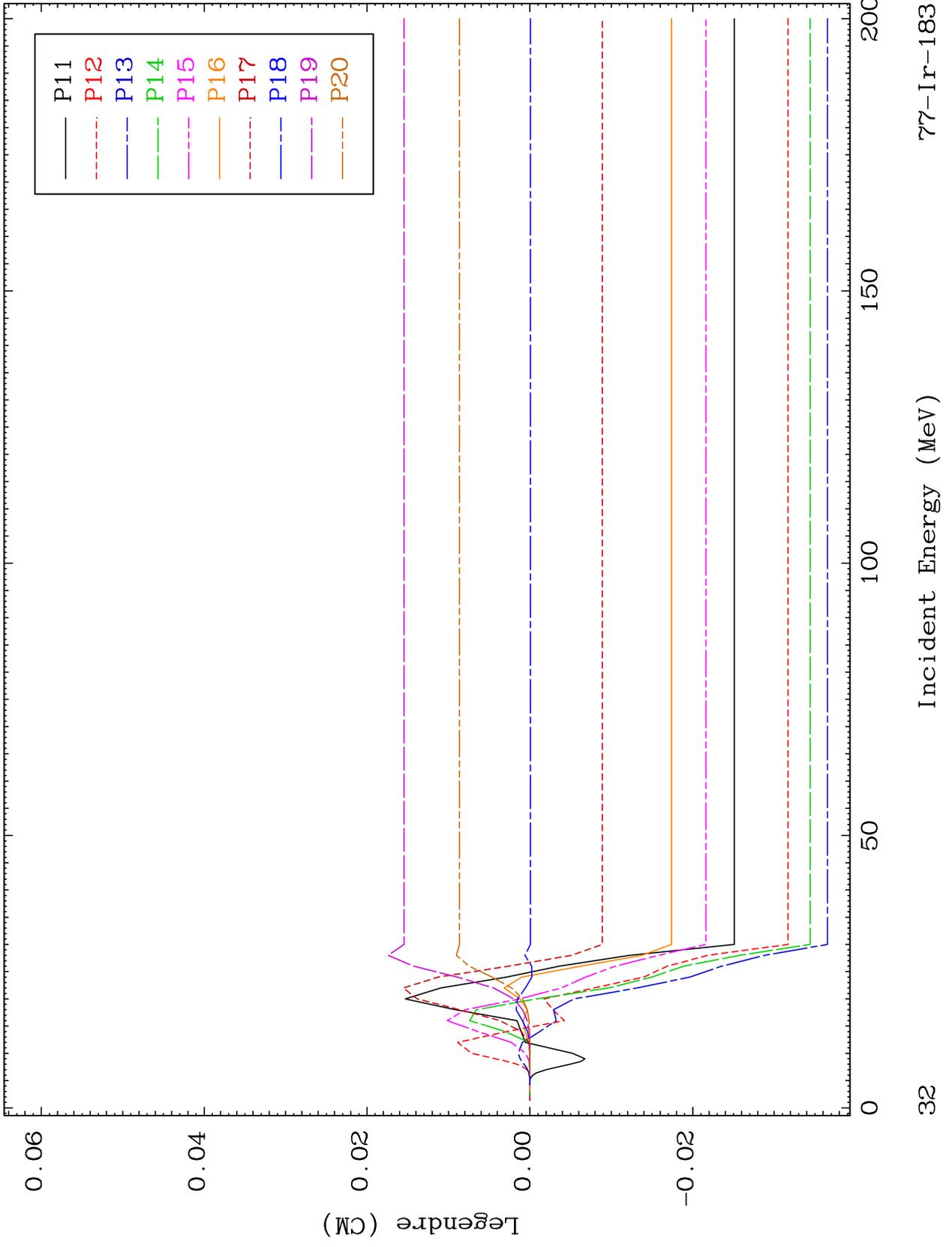




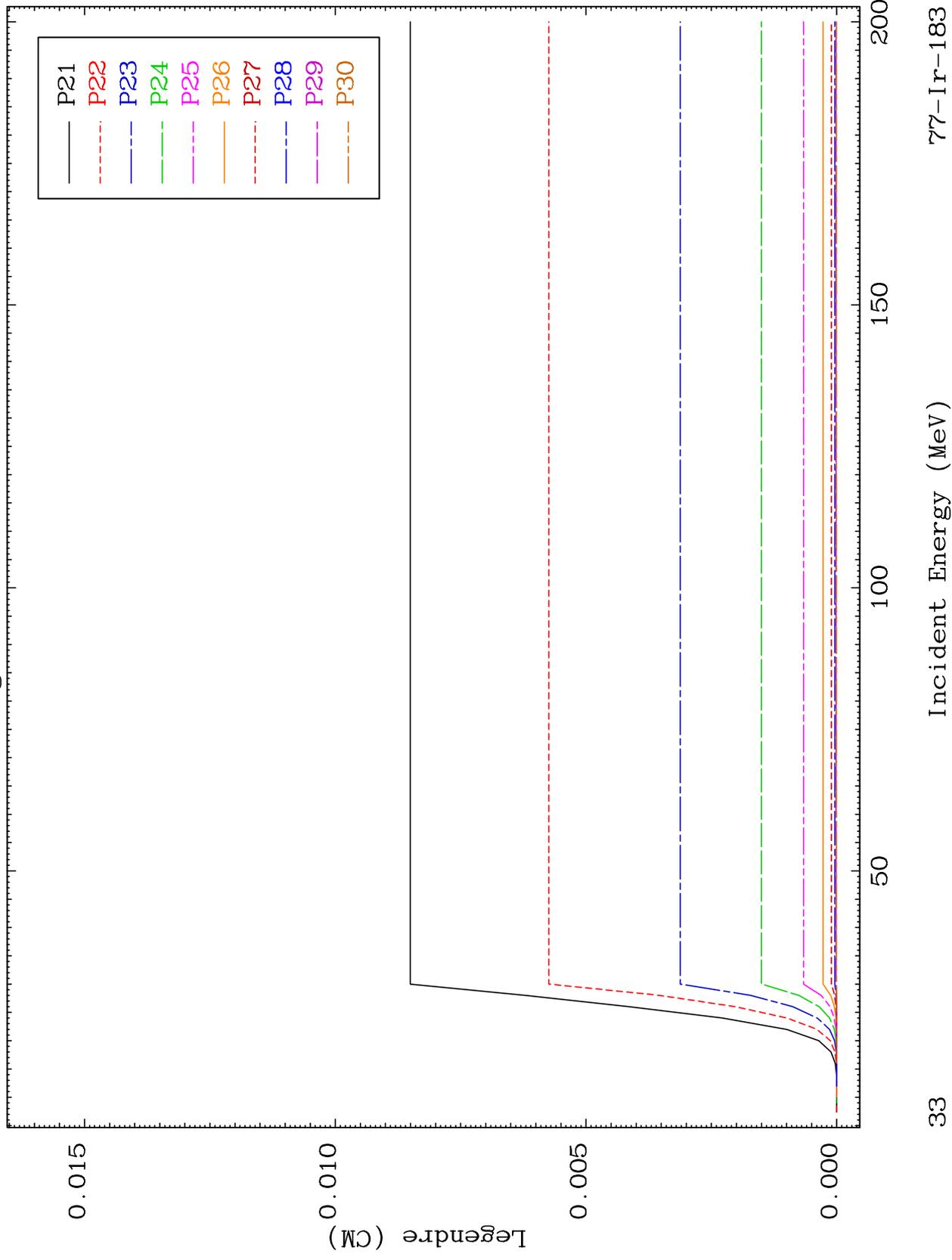
MAT 7701

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

77-Ir-183



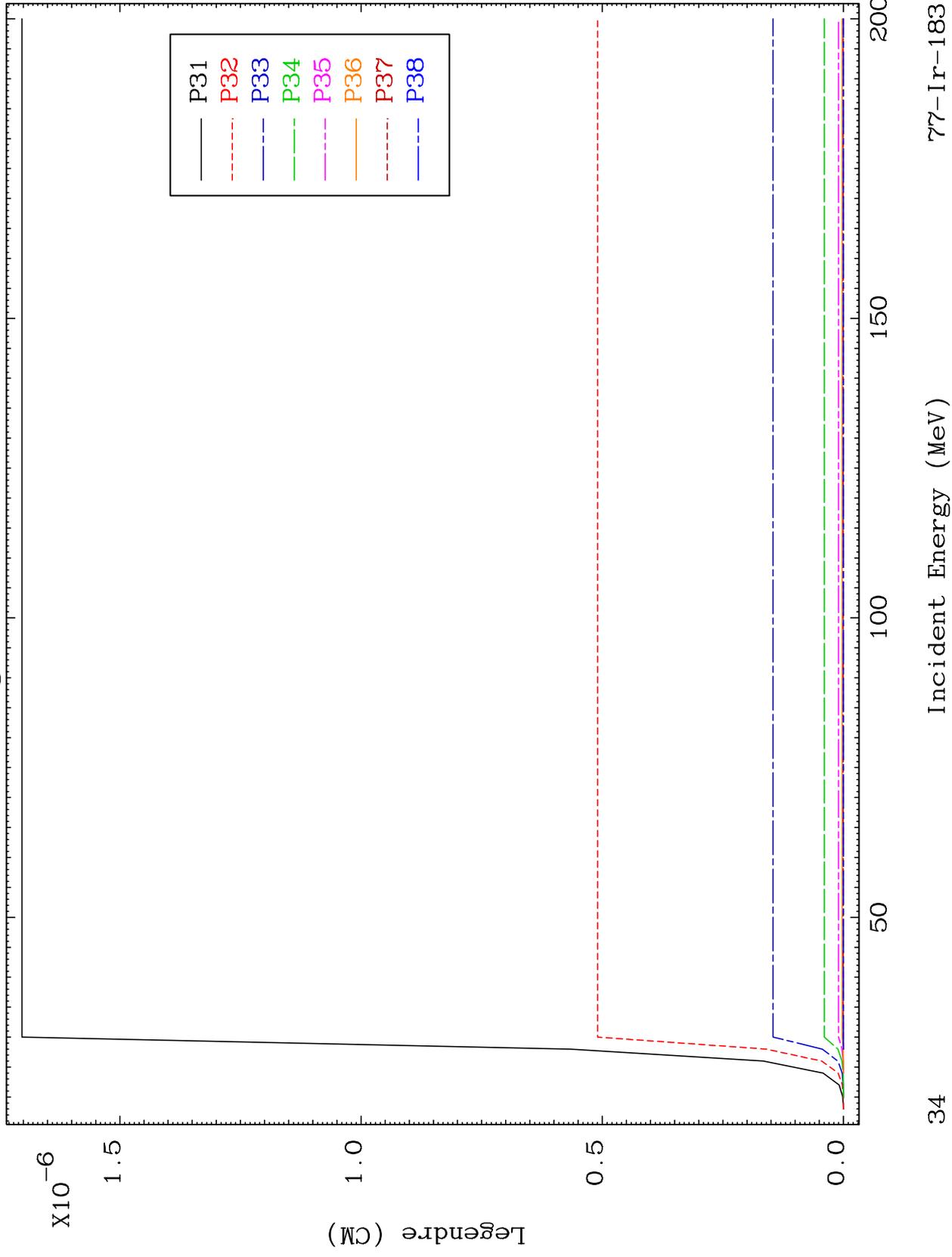
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MAT 7701

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

77-Ir-183



34

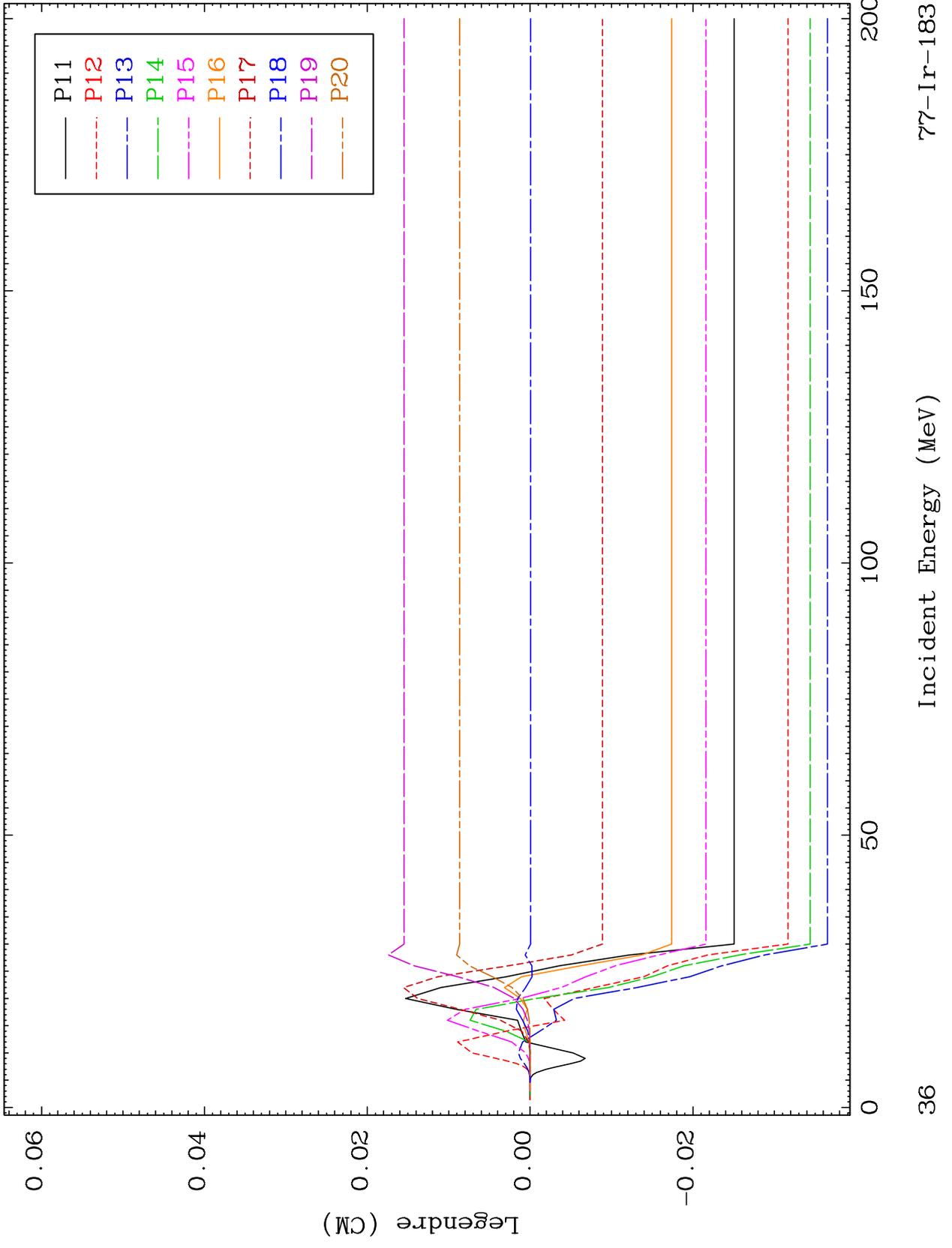
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183

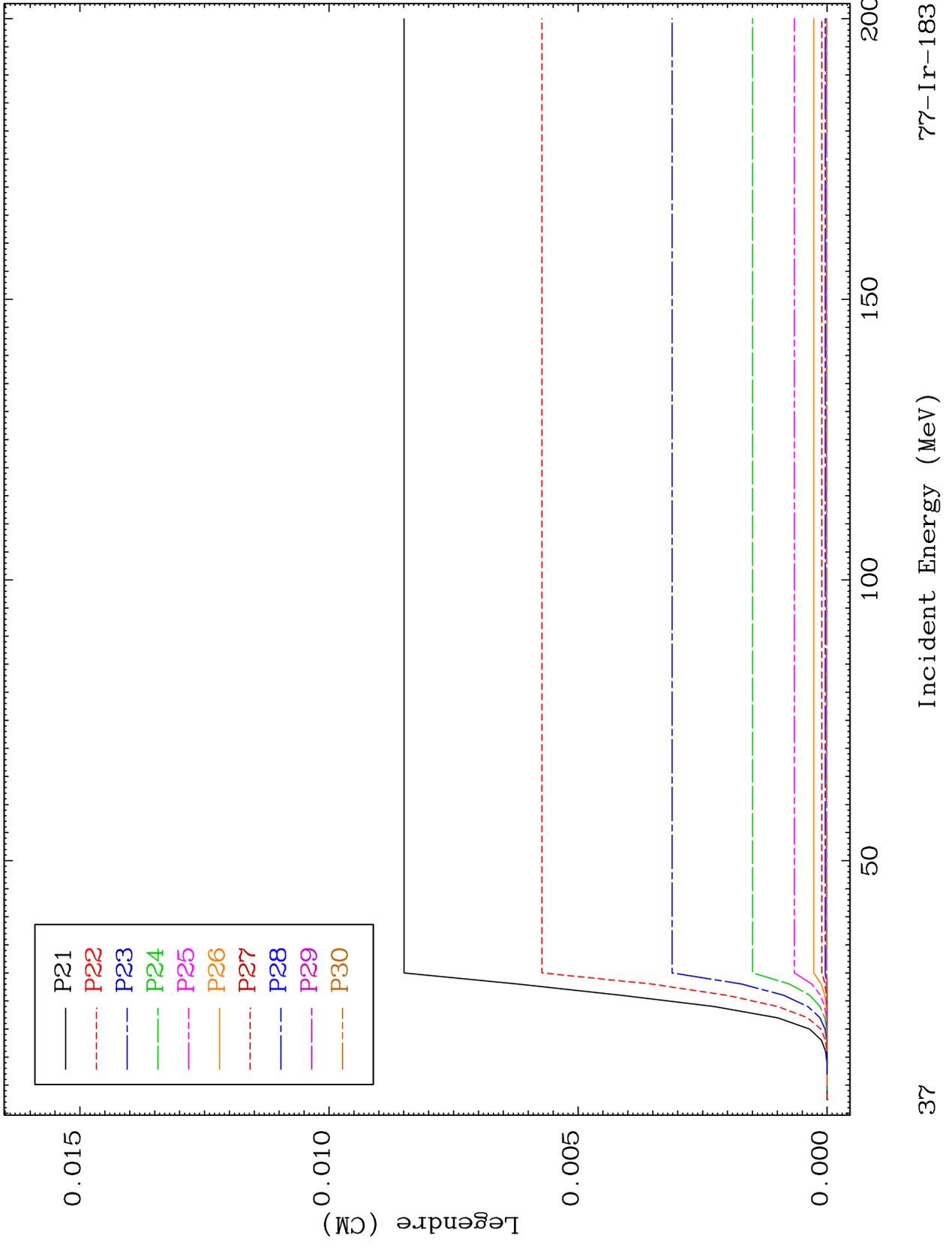


36

MAT 7701

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

77-Ir-183

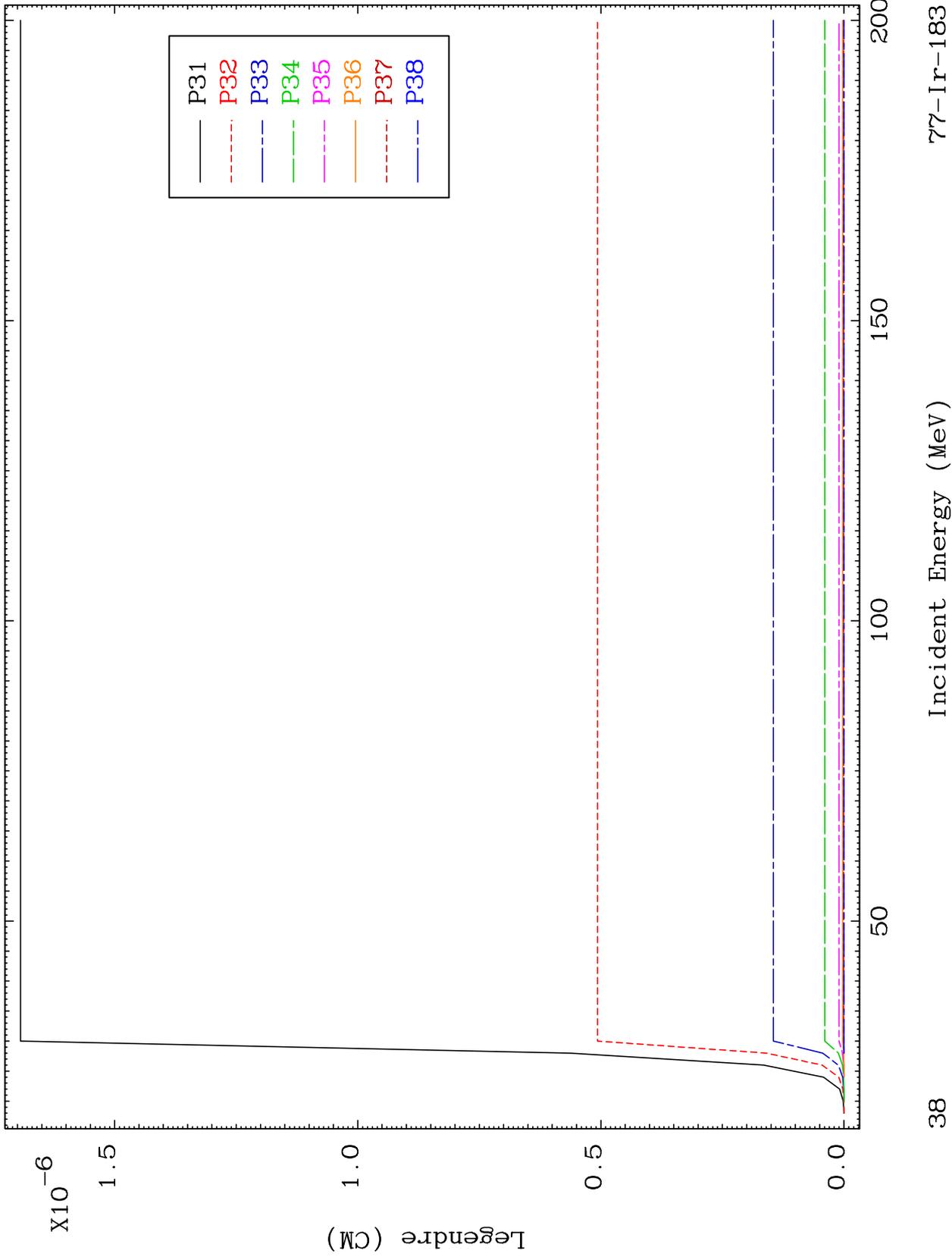


37

MAT 7701

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

77-Ir-183



38

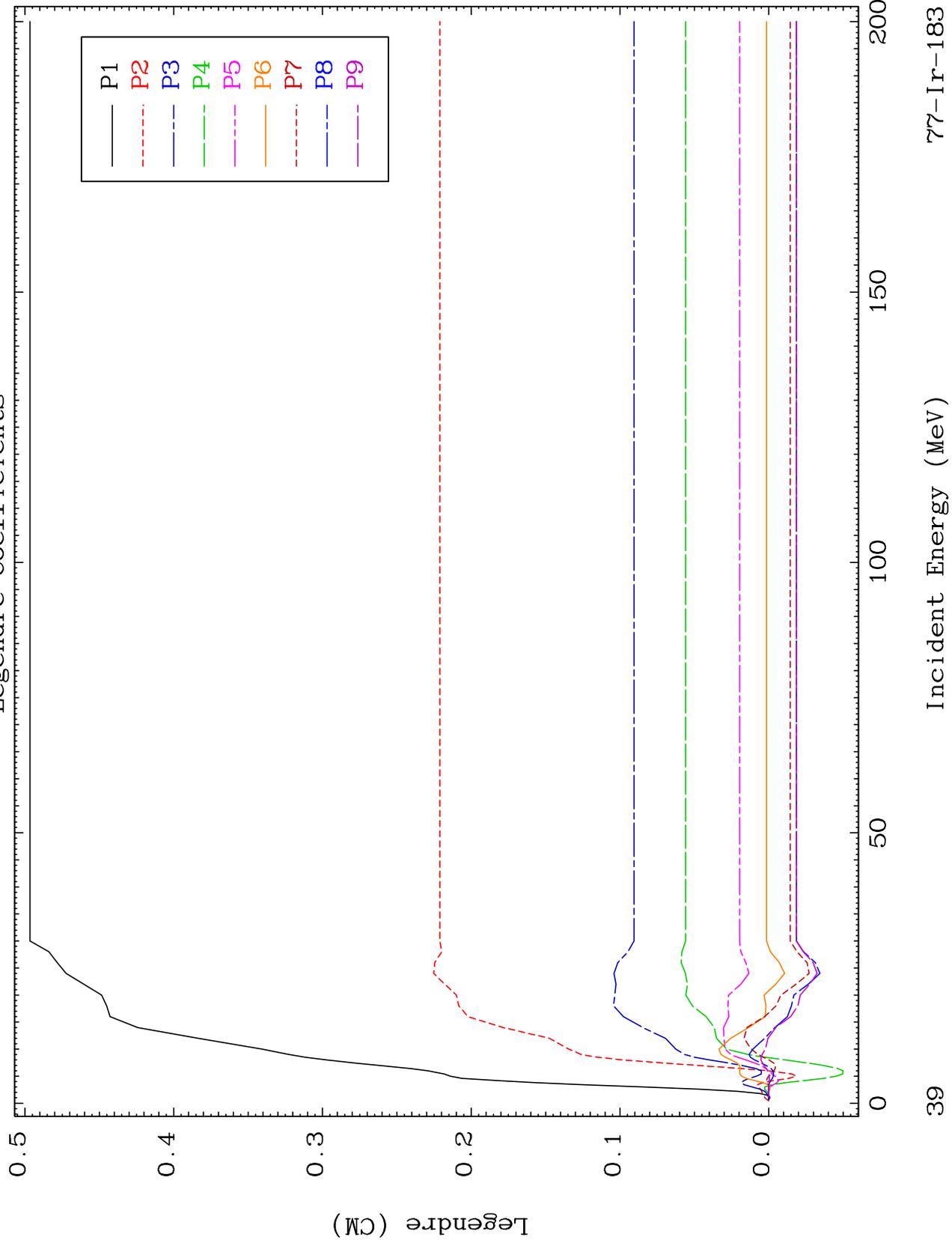
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



77-Ir-183

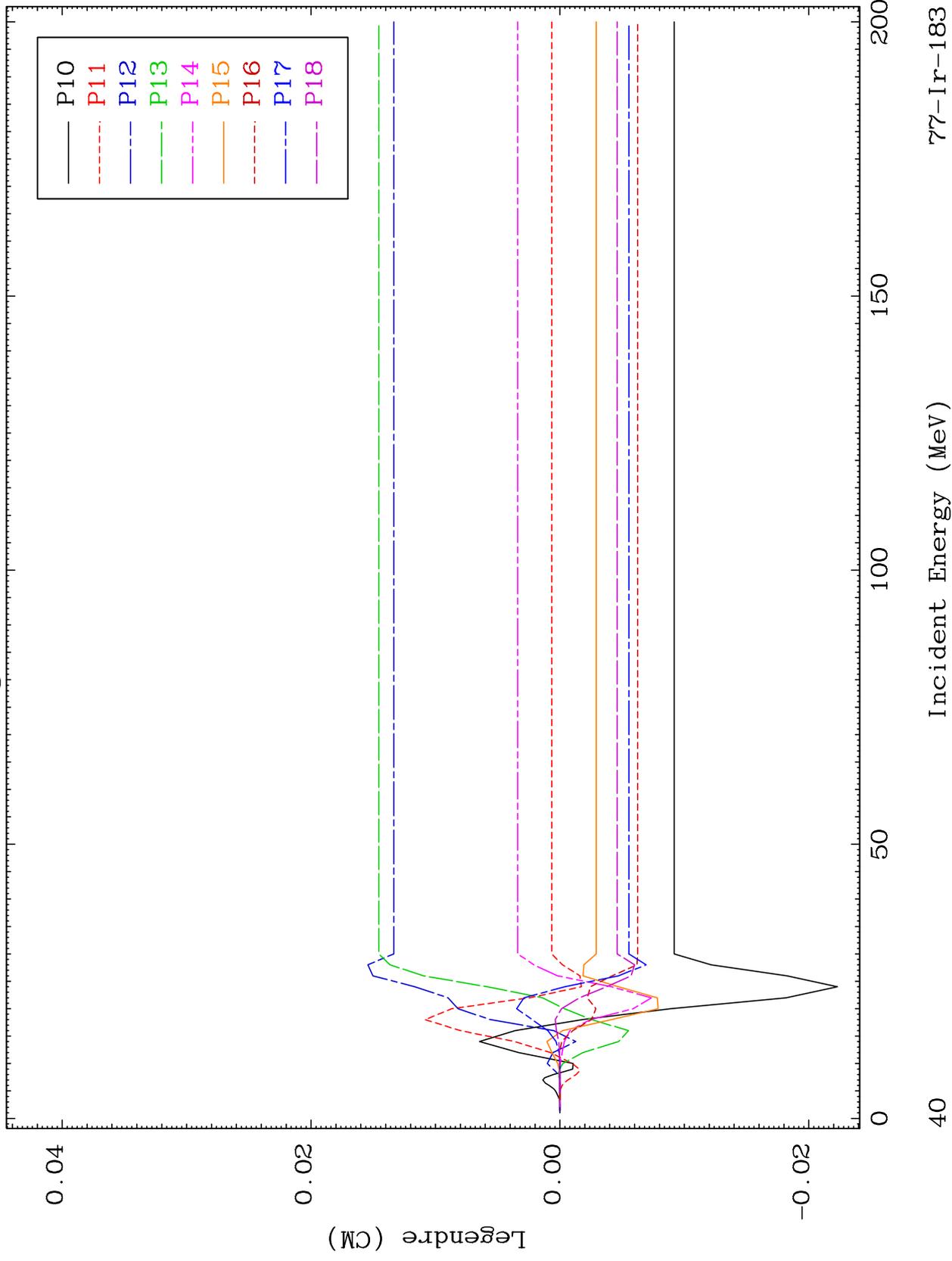
Incident Energy (MeV)

39

MAT 7701

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

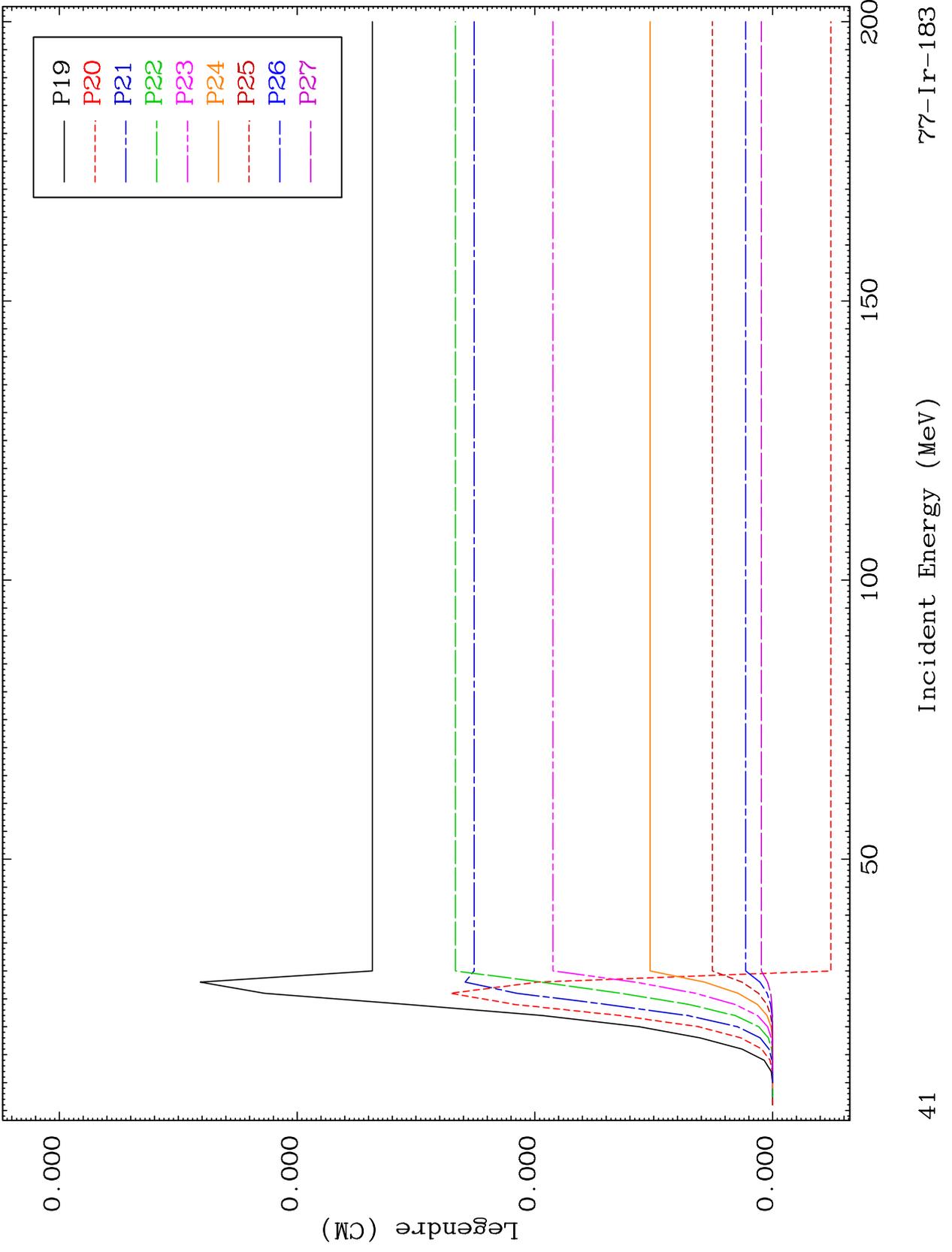
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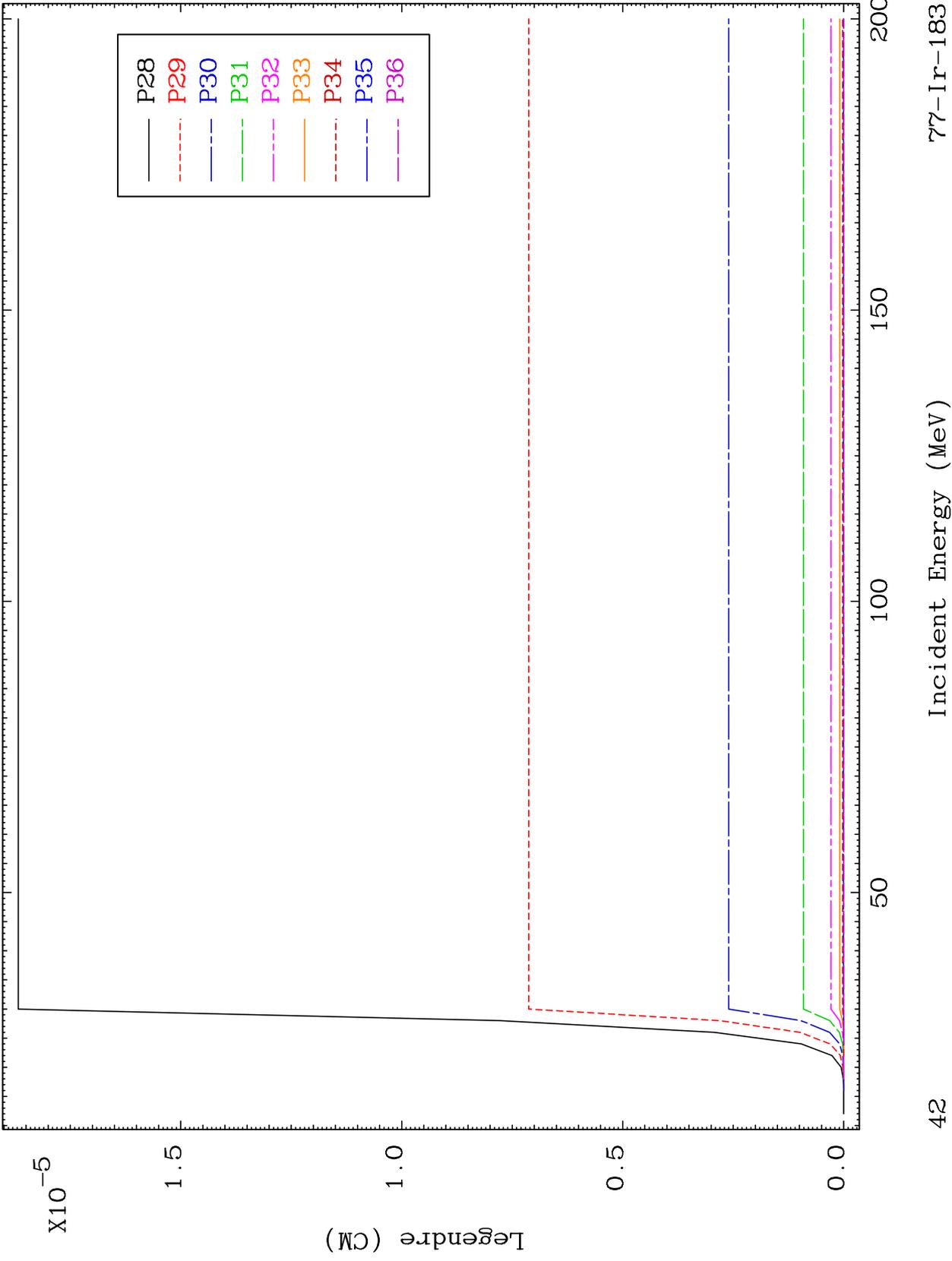


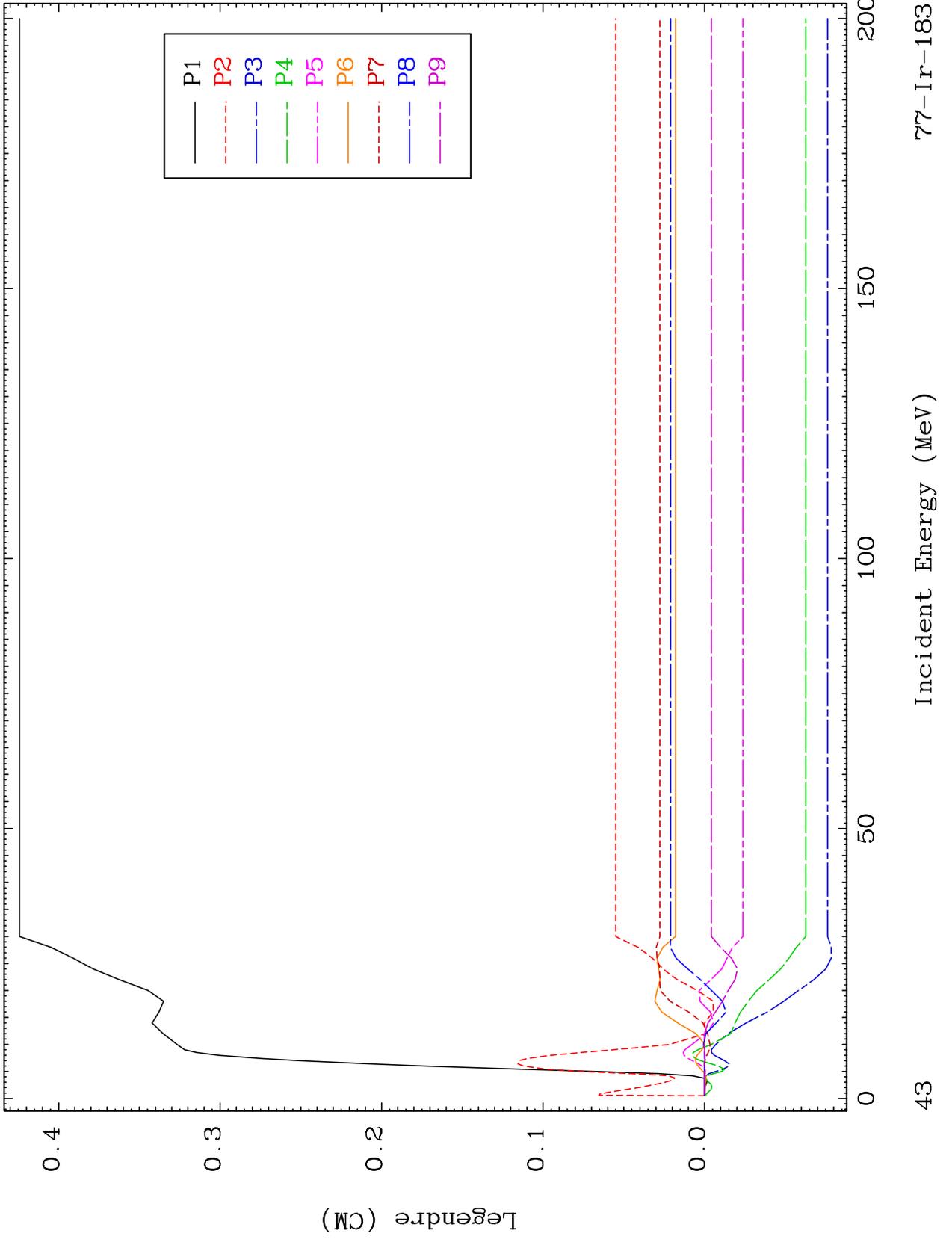
MAT 7701

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

77-Ir-183



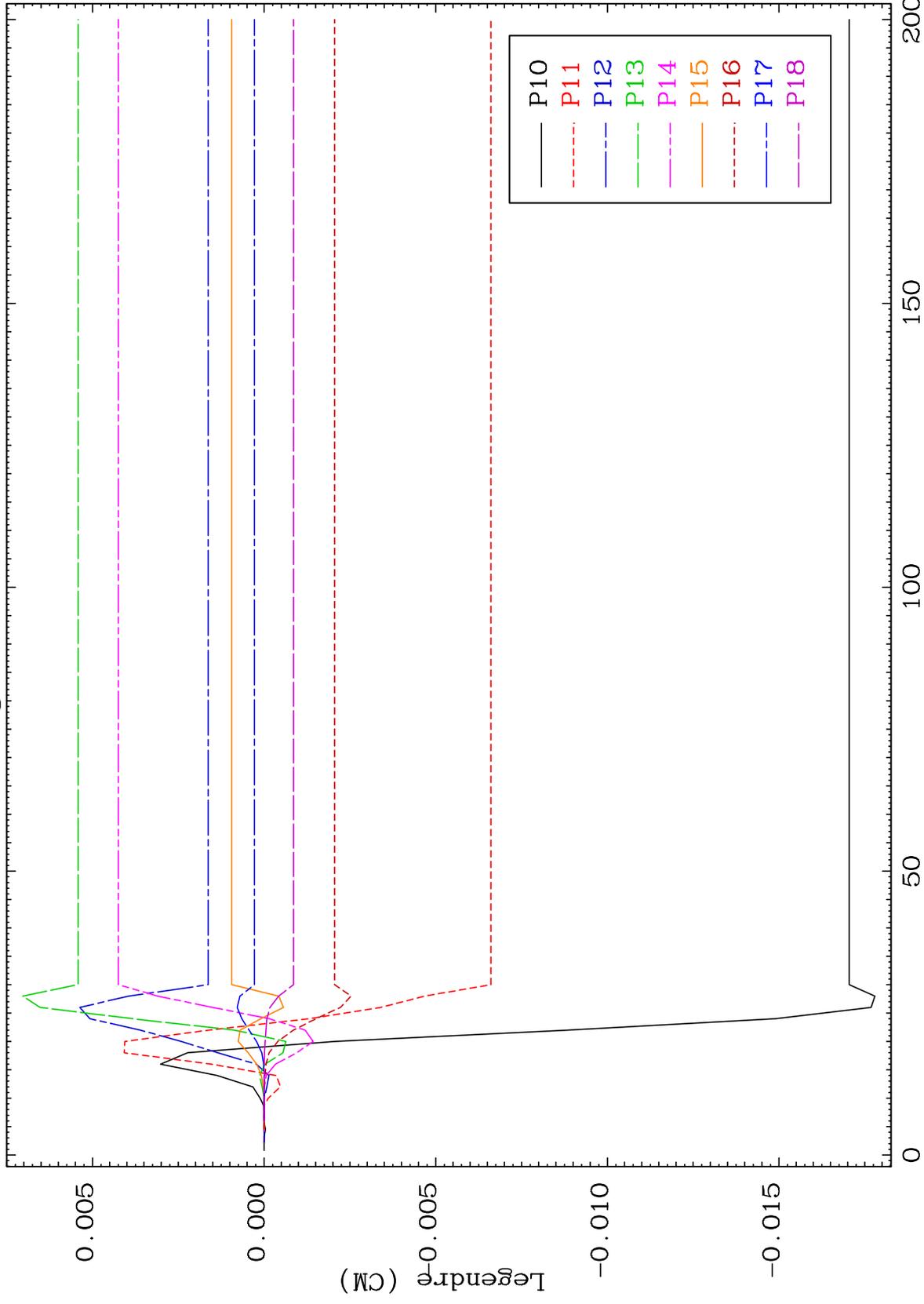




MAT 7701

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

77-Ir-183



44

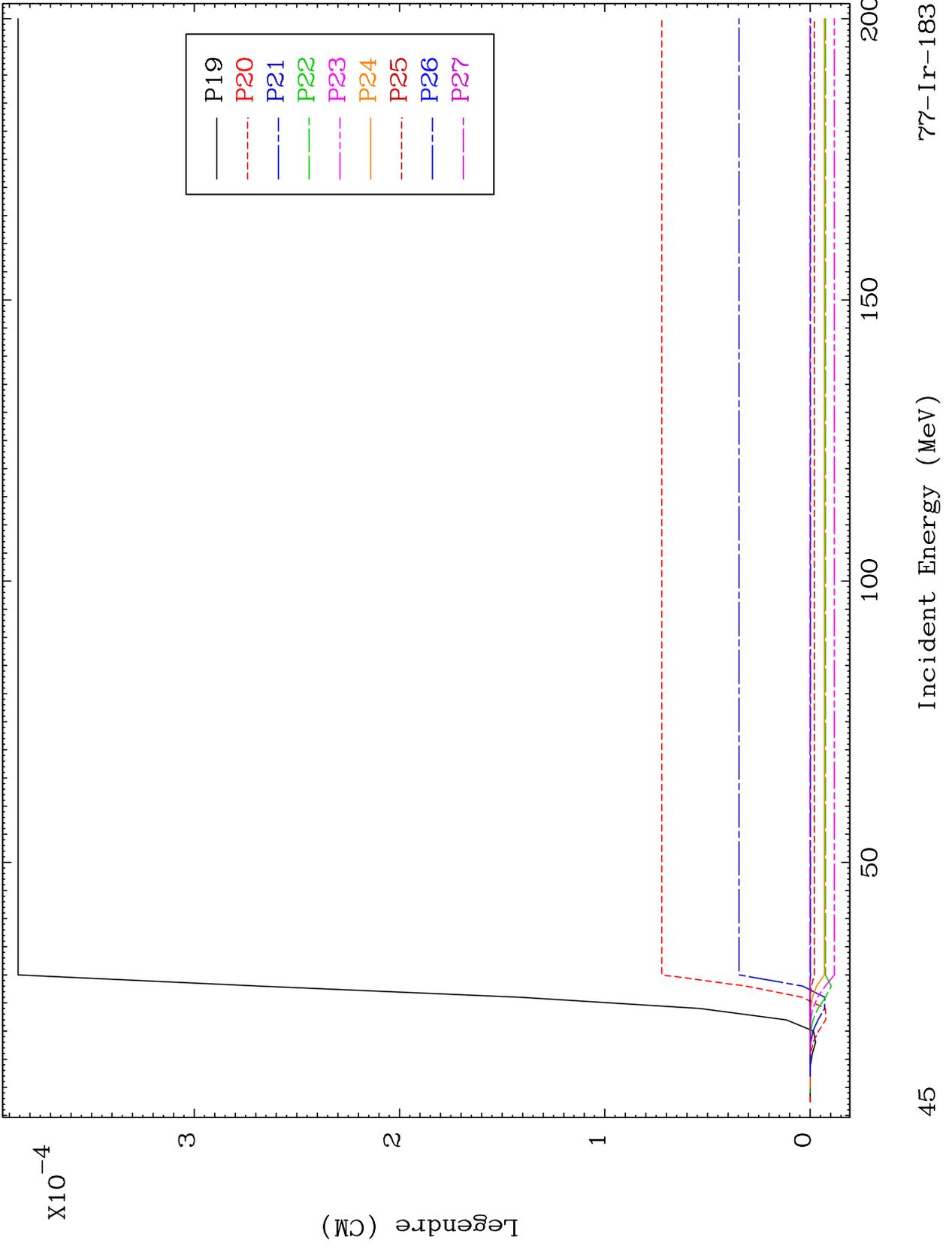
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

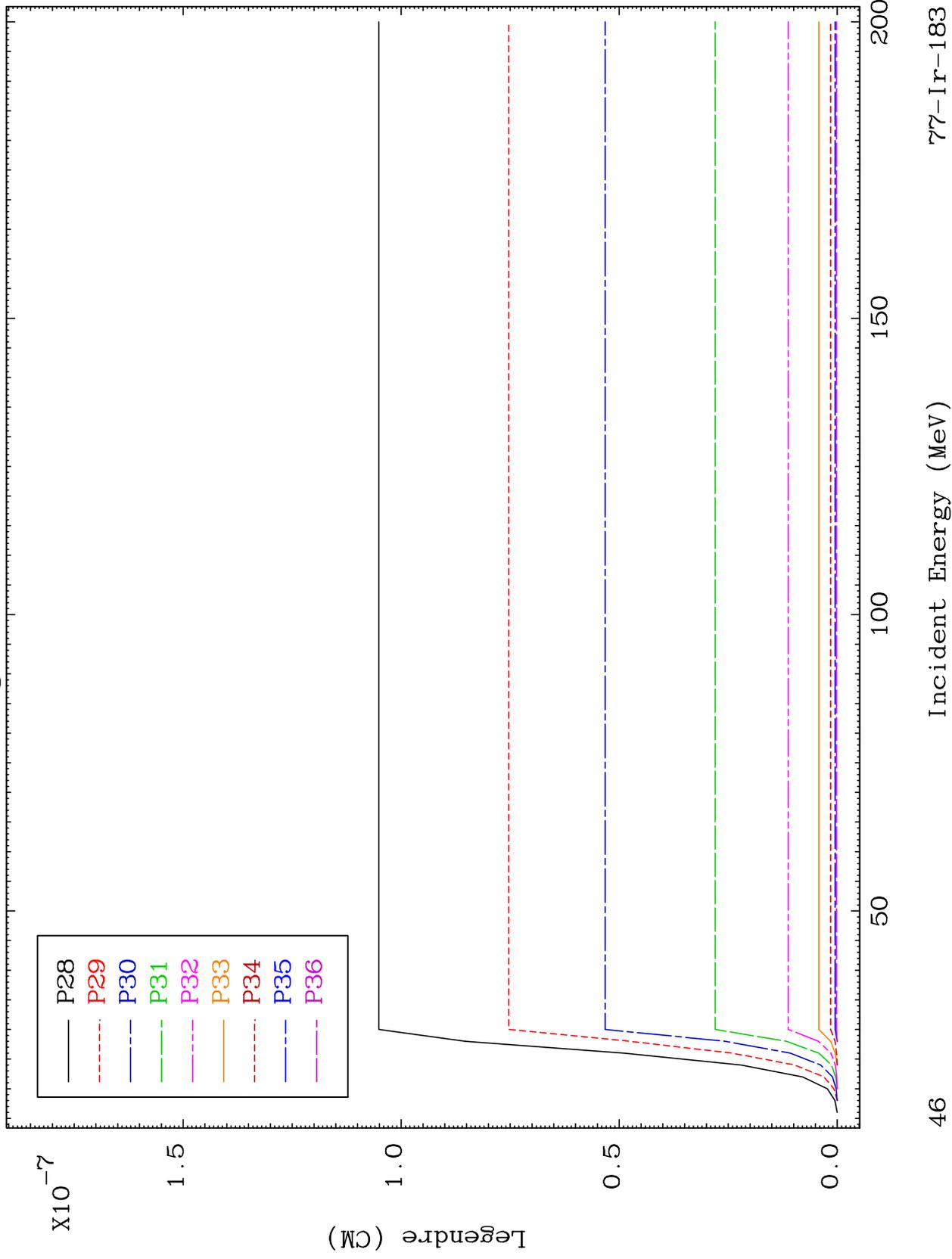
77-Ir-183



MAT 7701

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

77-Ir-183

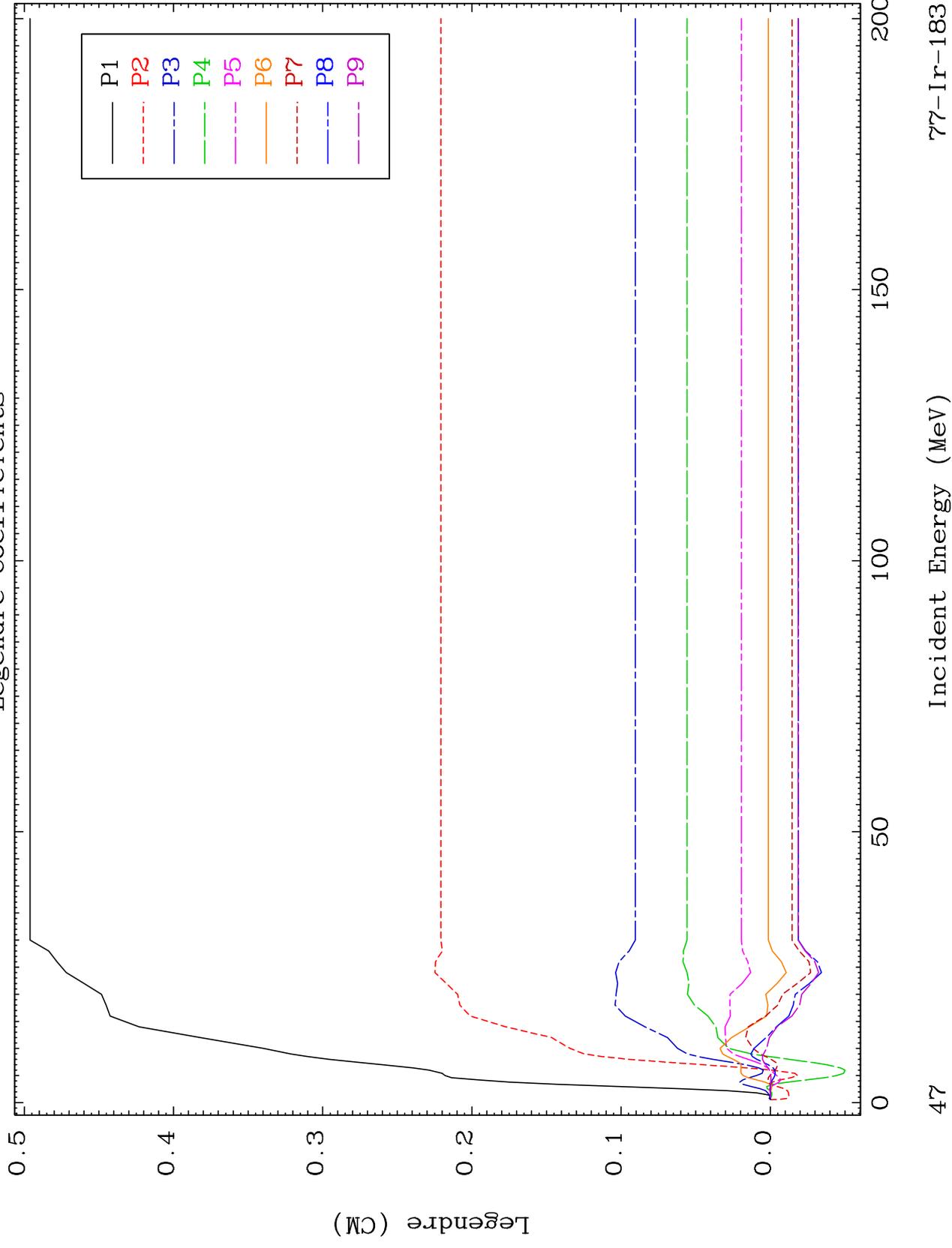


MAT 7701

MT= 58 (n,n') Level

77-Ir-183

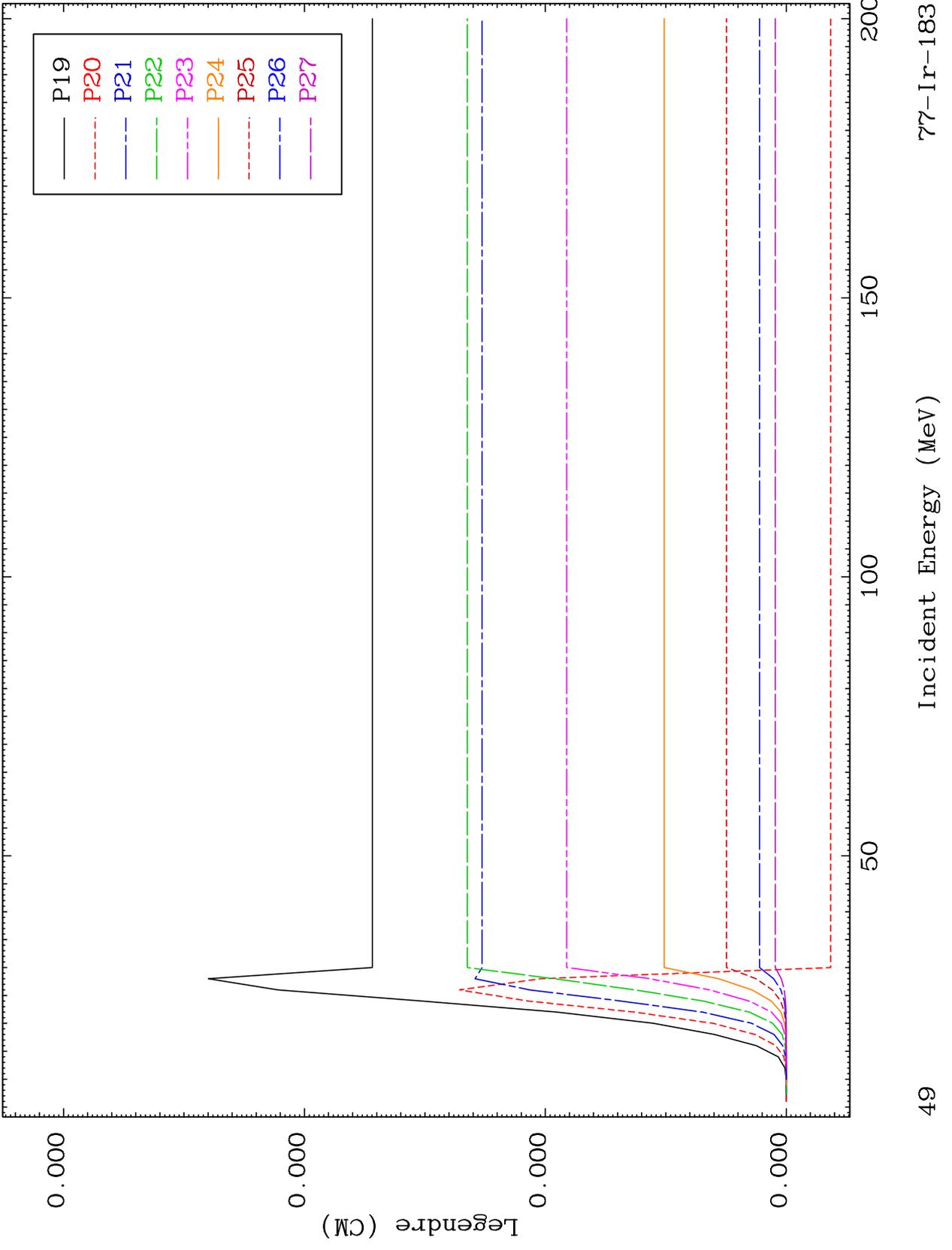
Legendre Coefficients



47

Incident Energy (MeV)

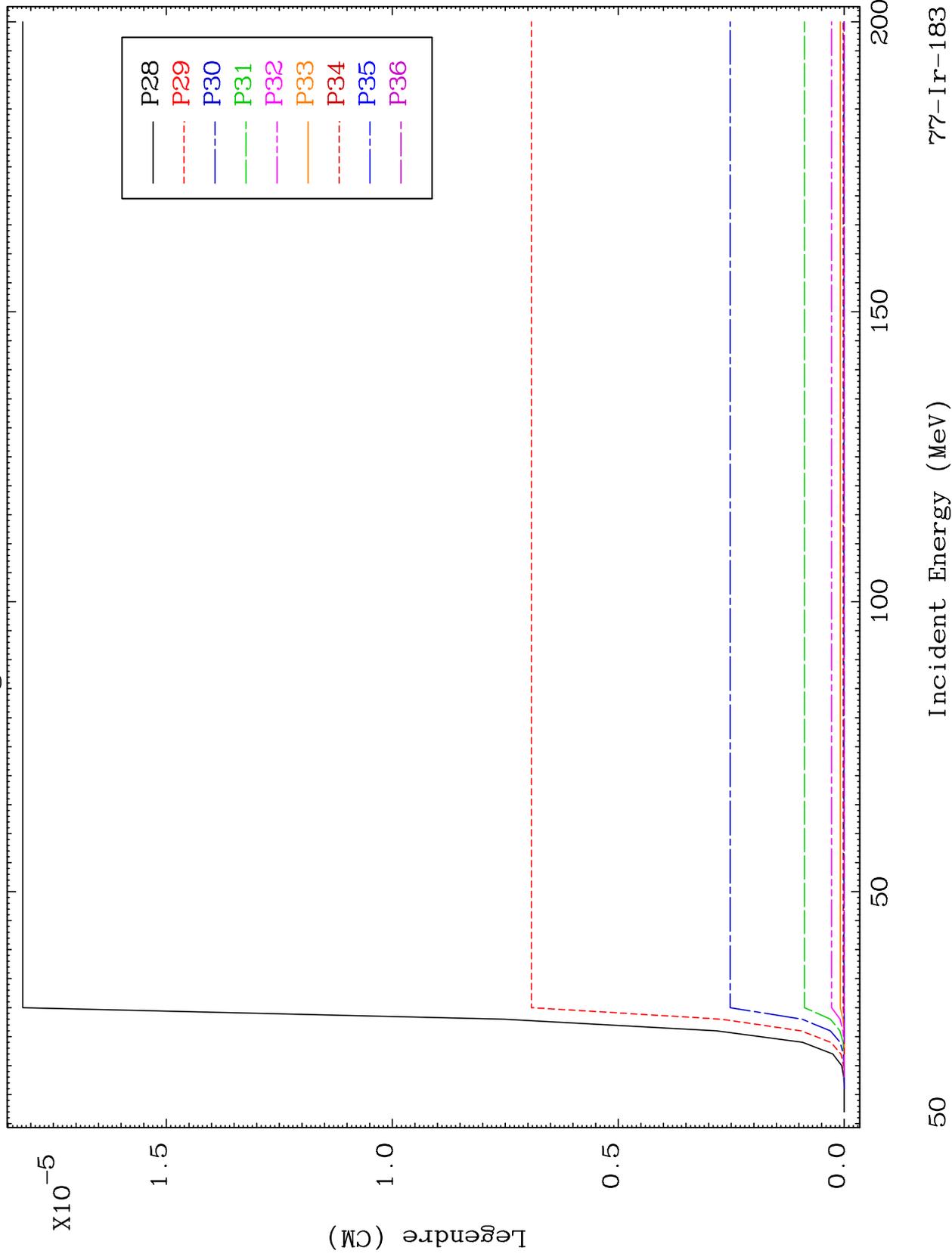
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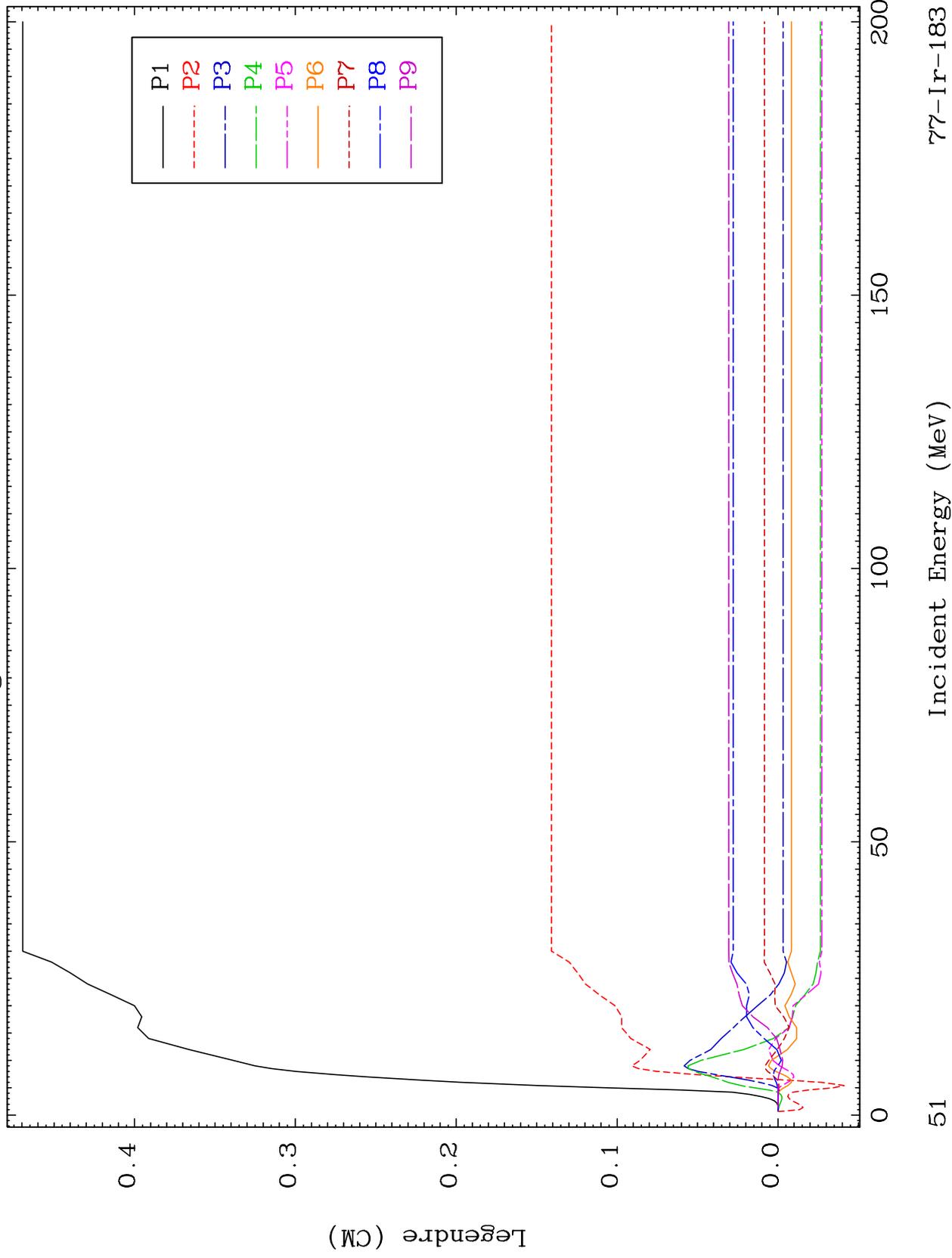


MAT 7701

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

77-Ir-183

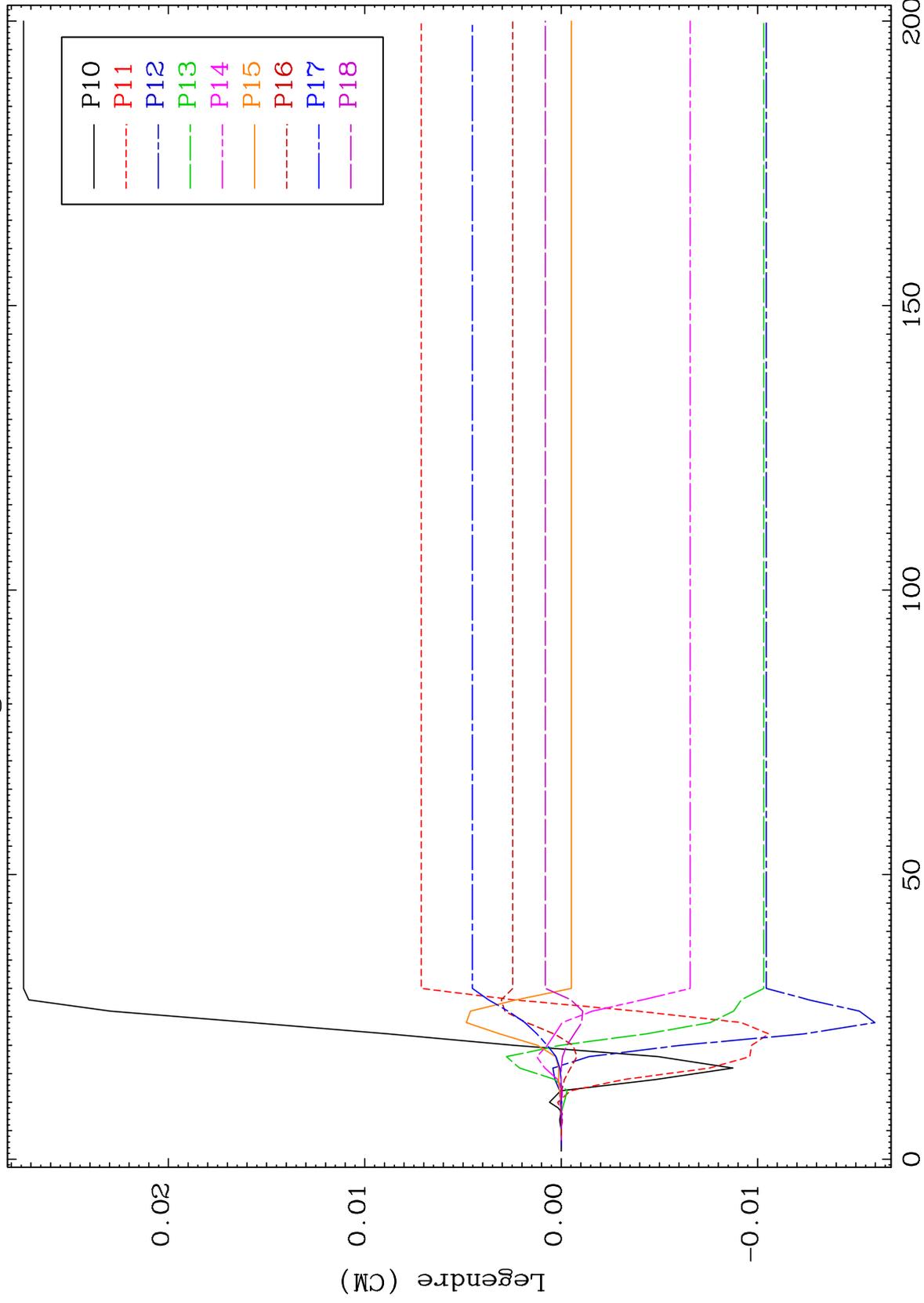




MAT 7701

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

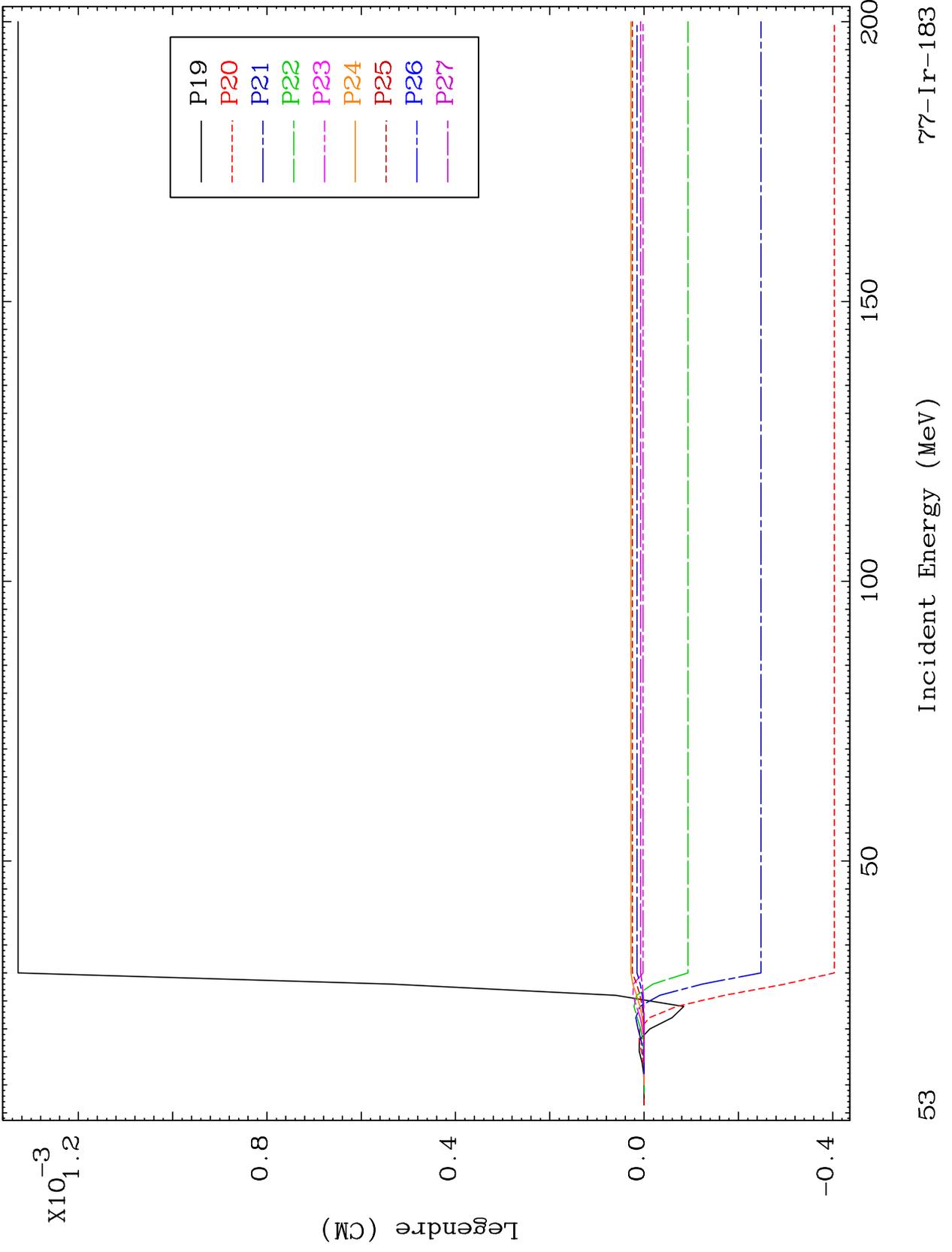
77-Ir-183



52

Incident Energy (MeV)

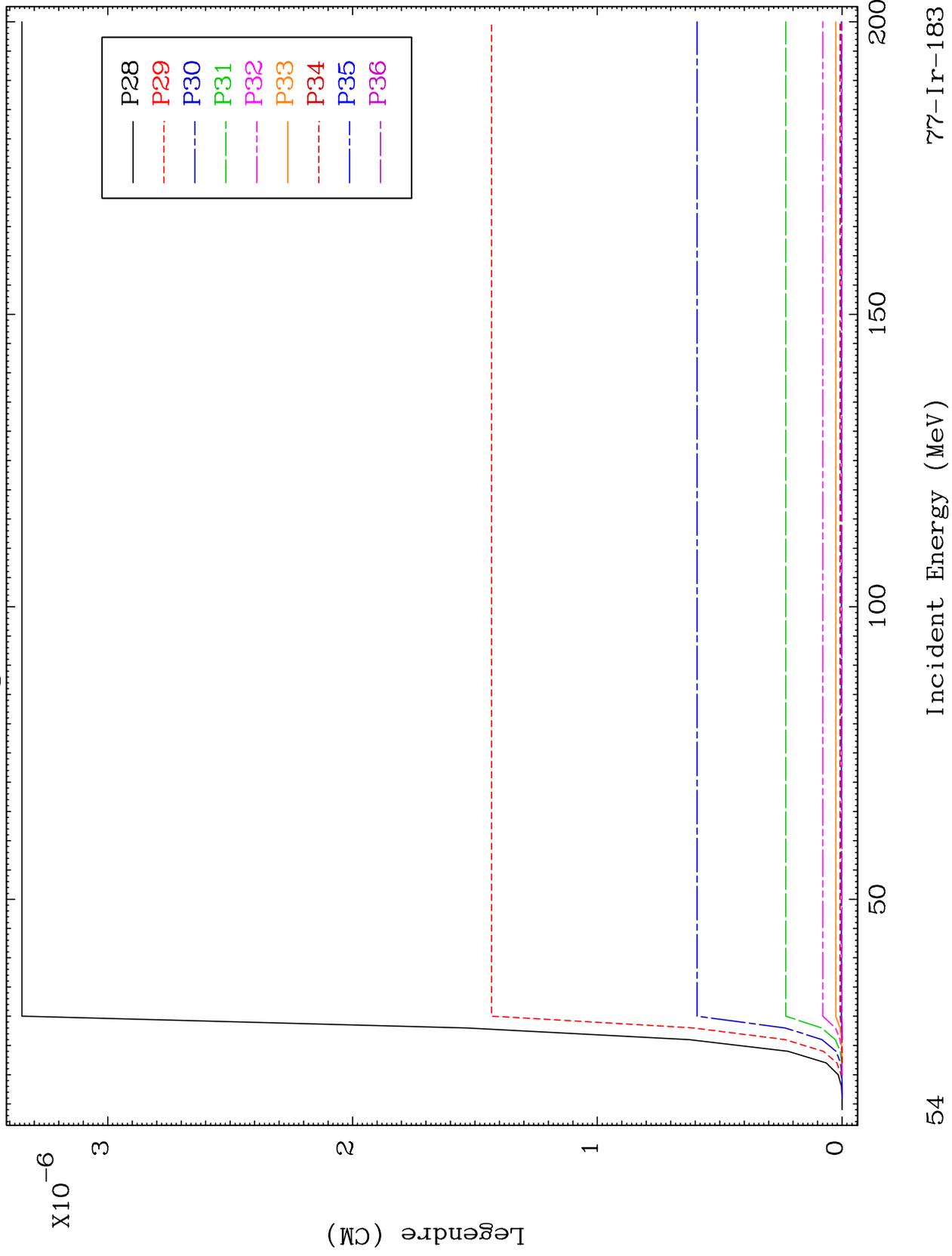
77-Ir-183



MAT 7701

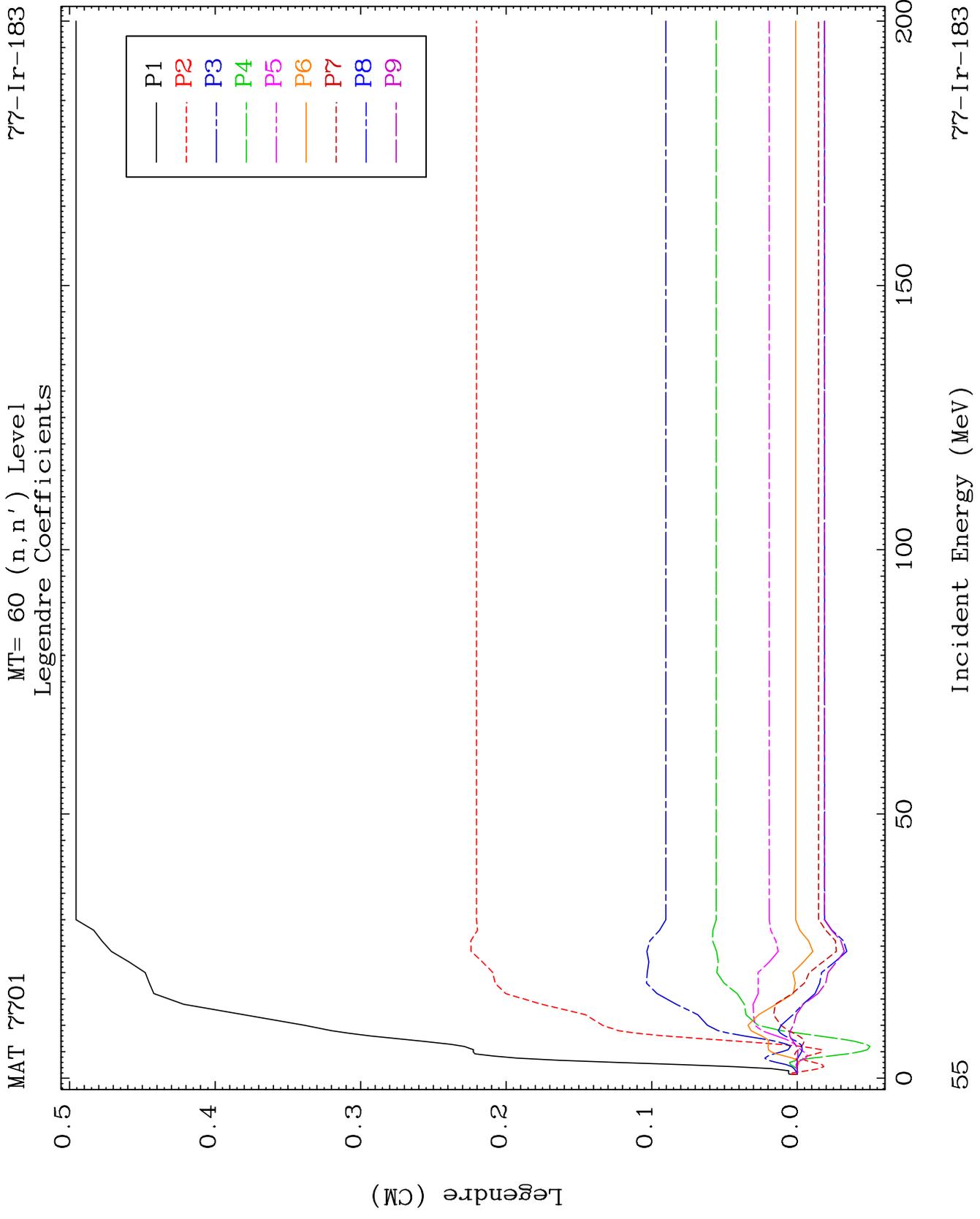
MT= 59 (n,n') Level
Legendre Coefficients

77-Ir-183



54

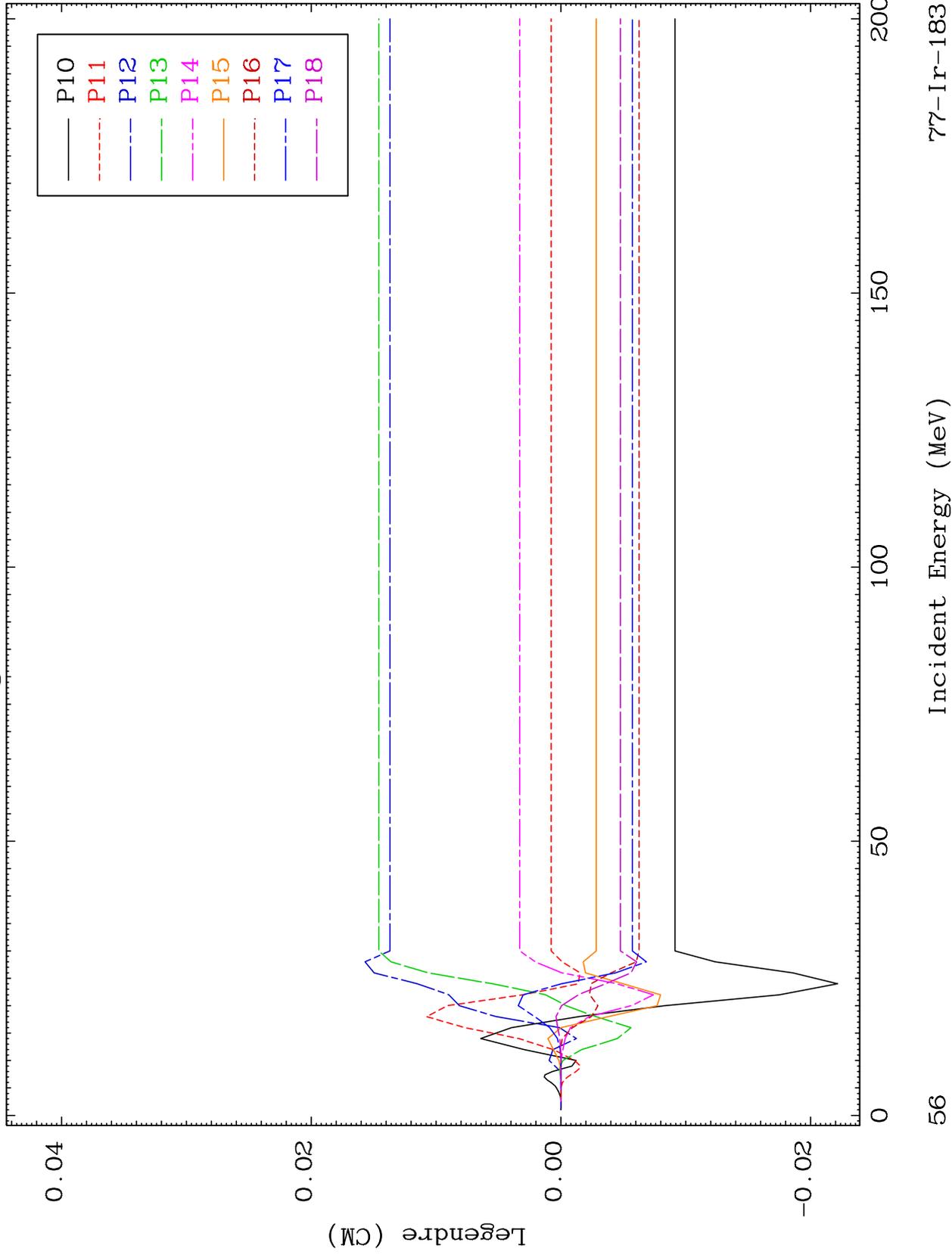
77-Ir-183



MAT 7701

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

77-Ir-183



77-Ir-183

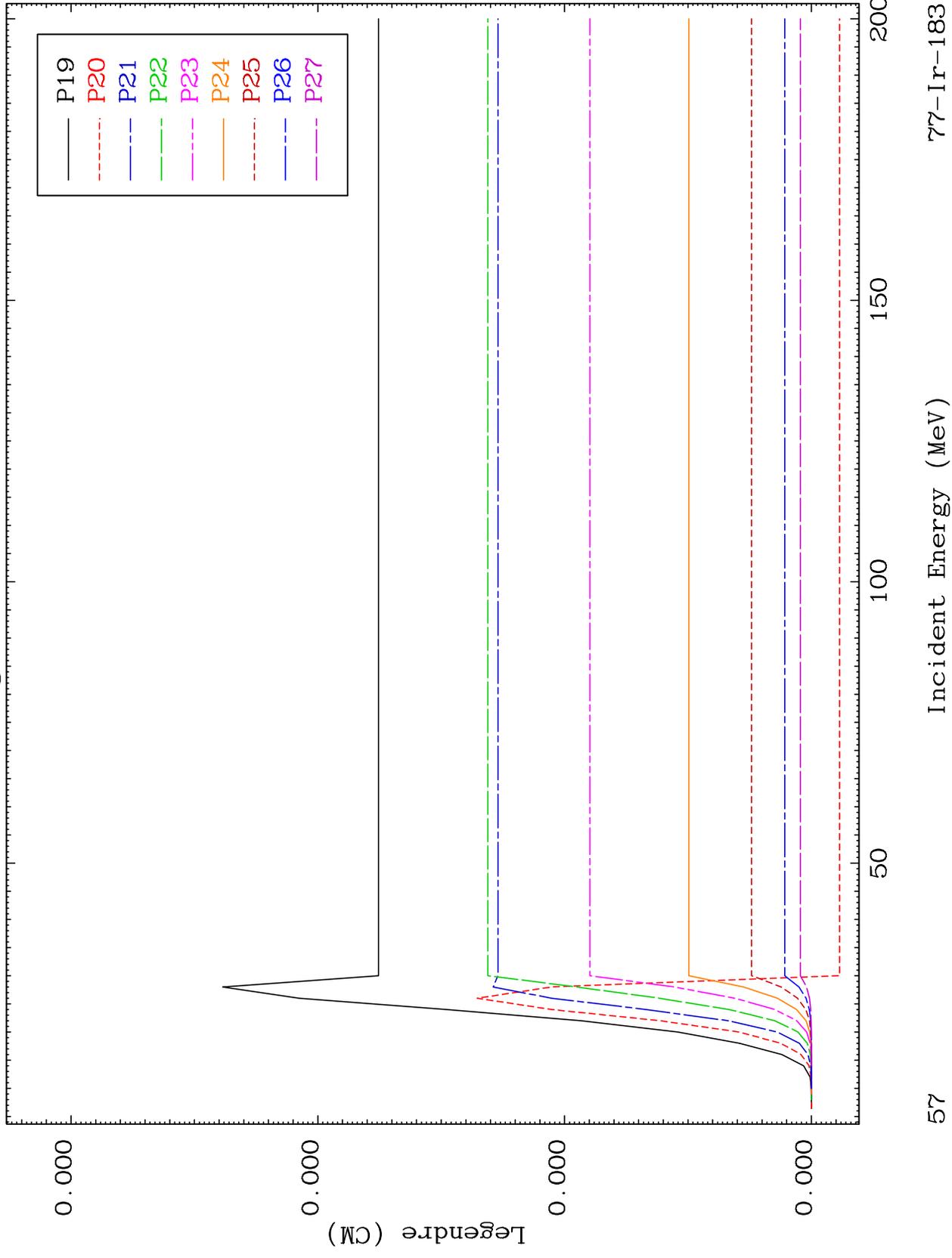
Incident Energy (MeV)

56

MAT 7701

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

77-Ir-183



57

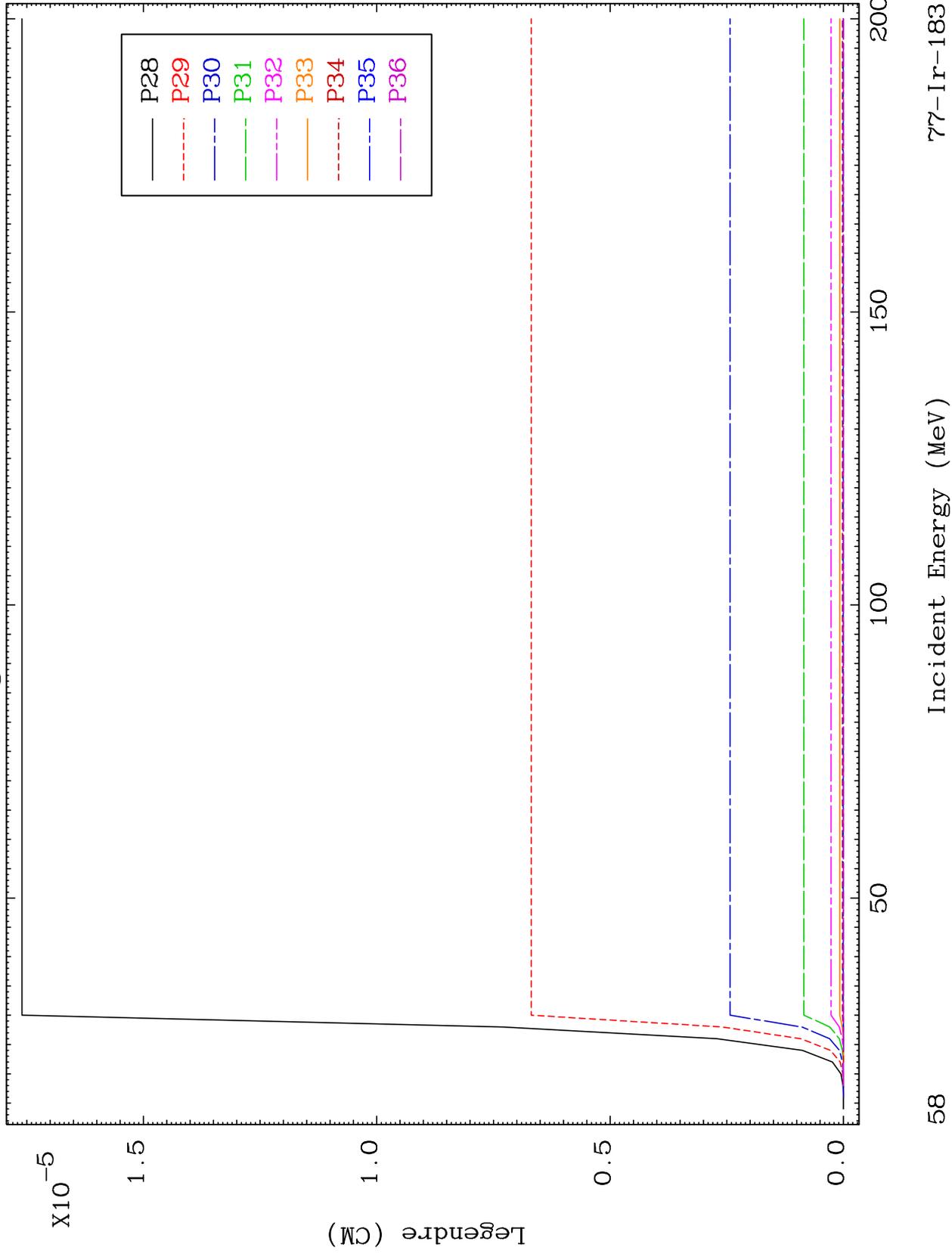
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



58

Incident Energy (MeV)

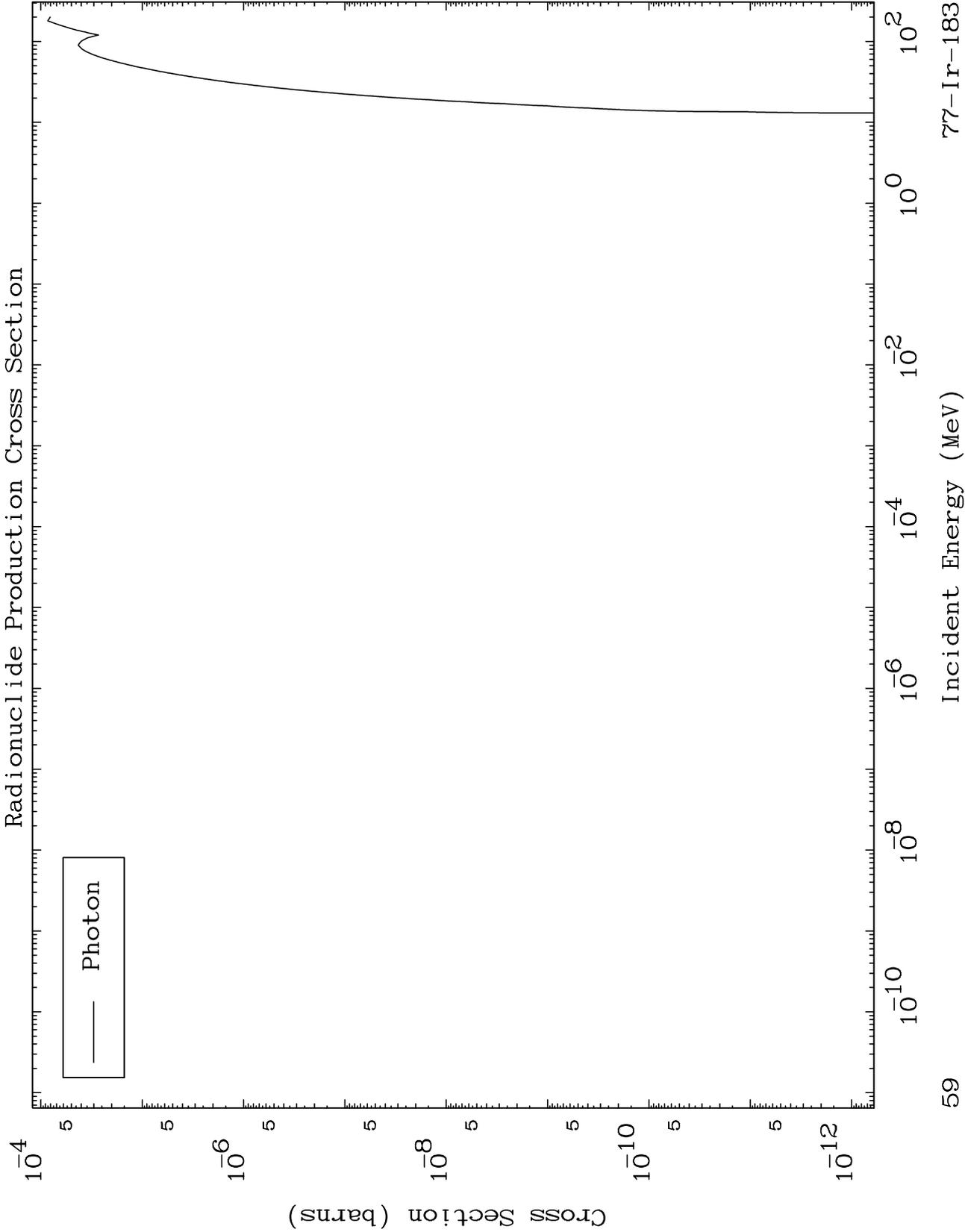
77-Ir-183

MAT 7701

Fission

⁷⁷Ir-183

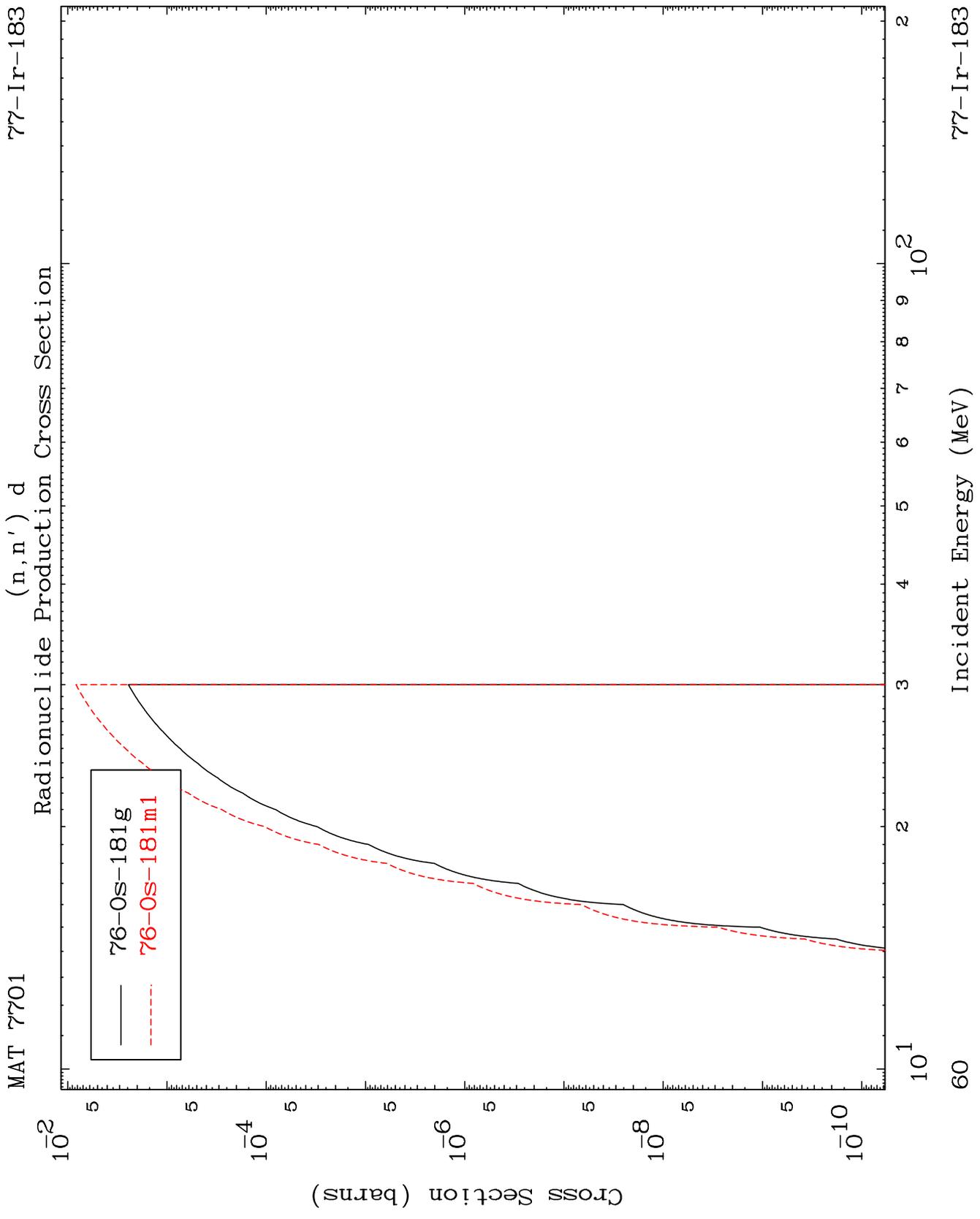
Radionuclide Production Cross Section



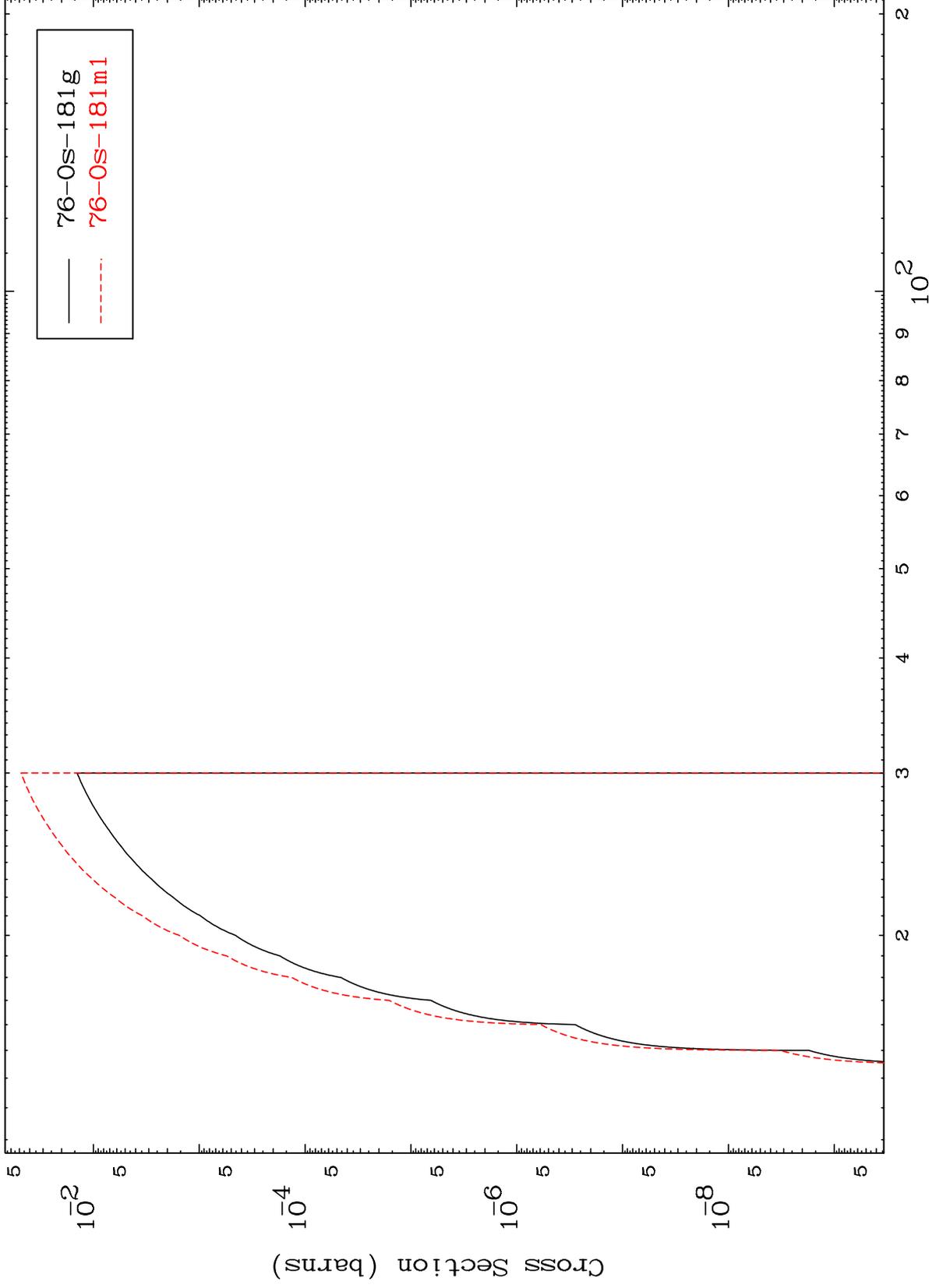
59

Incident Energy (MeV)

⁷⁷Ir-183



Radionuclide Production Cross Section

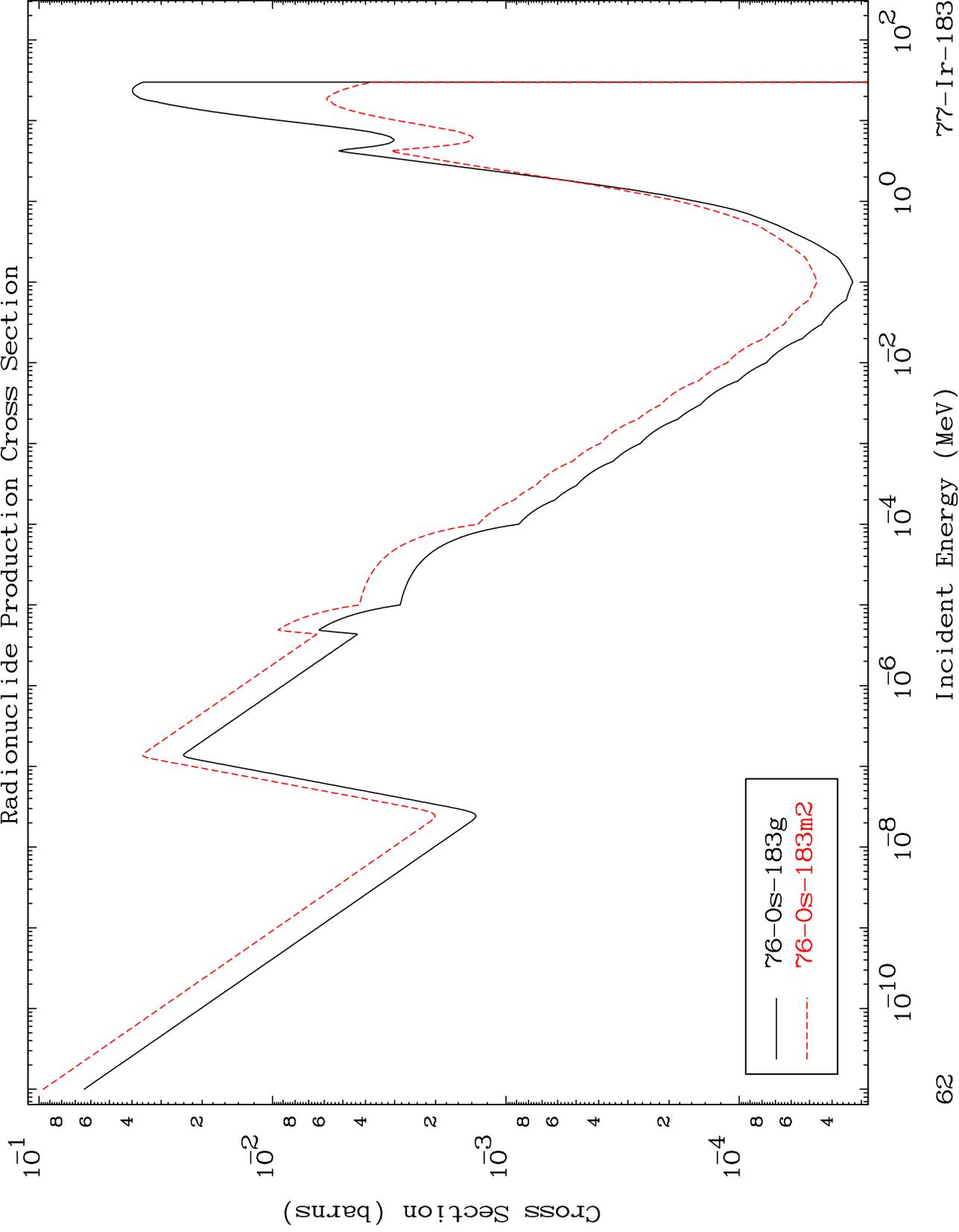


MAT 7701

(n,p)

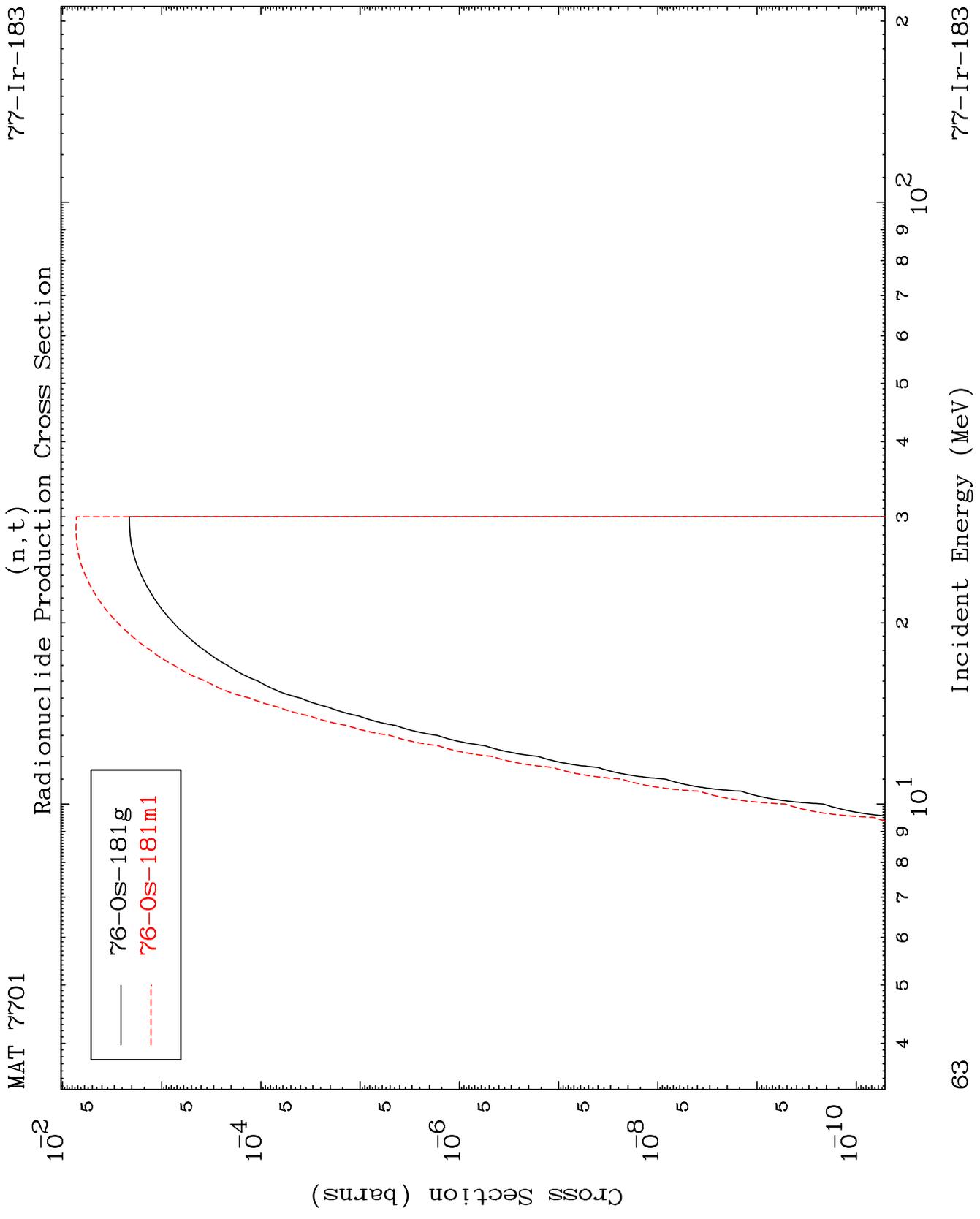
77-Ir-183

Radionuclide Production Cross Section



62

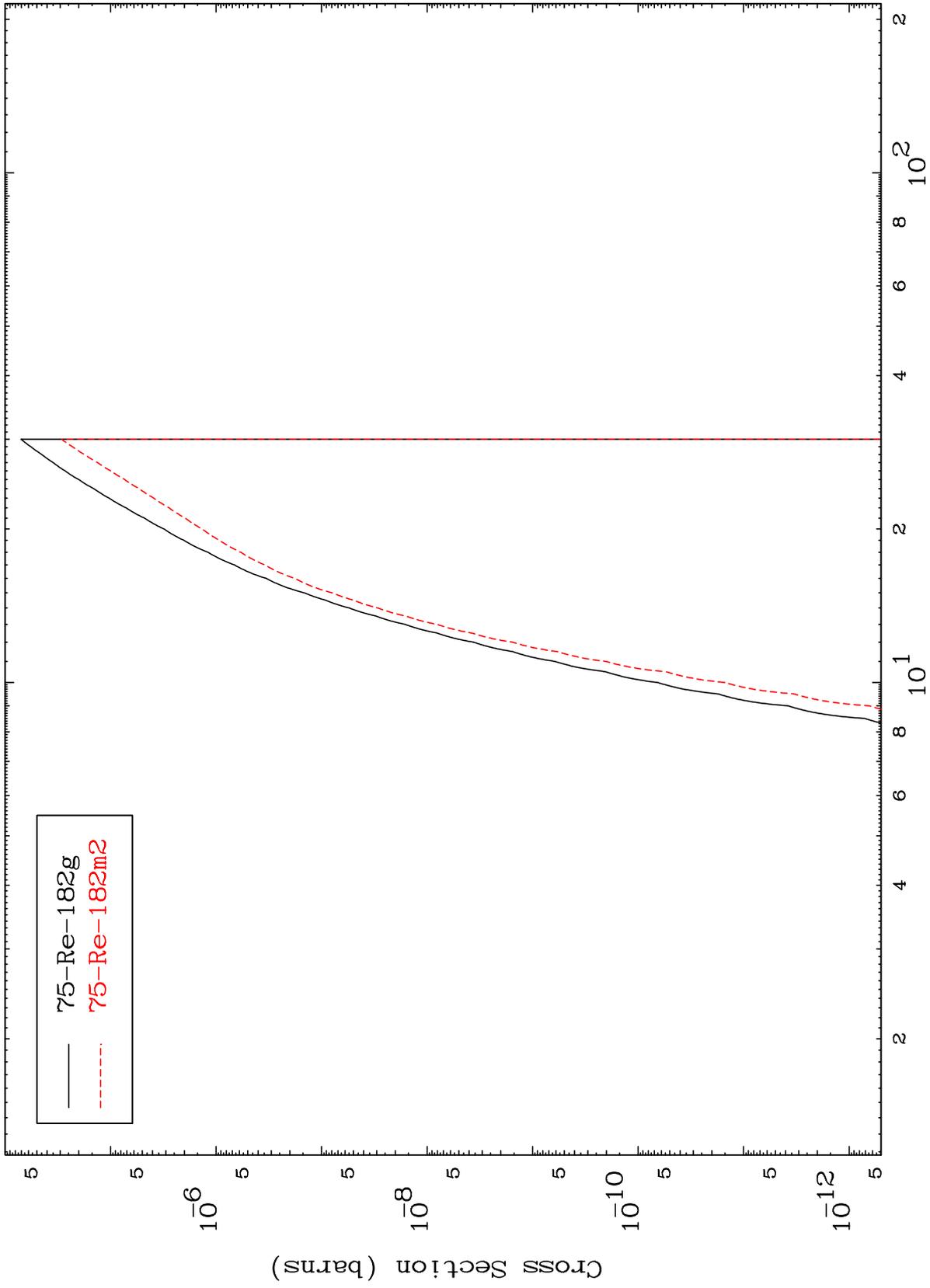
77-Ir-183



MAT 7701

77-Ir-183

(n,2p)
Radionuclide Production Cross Section



64

77-Ir-183

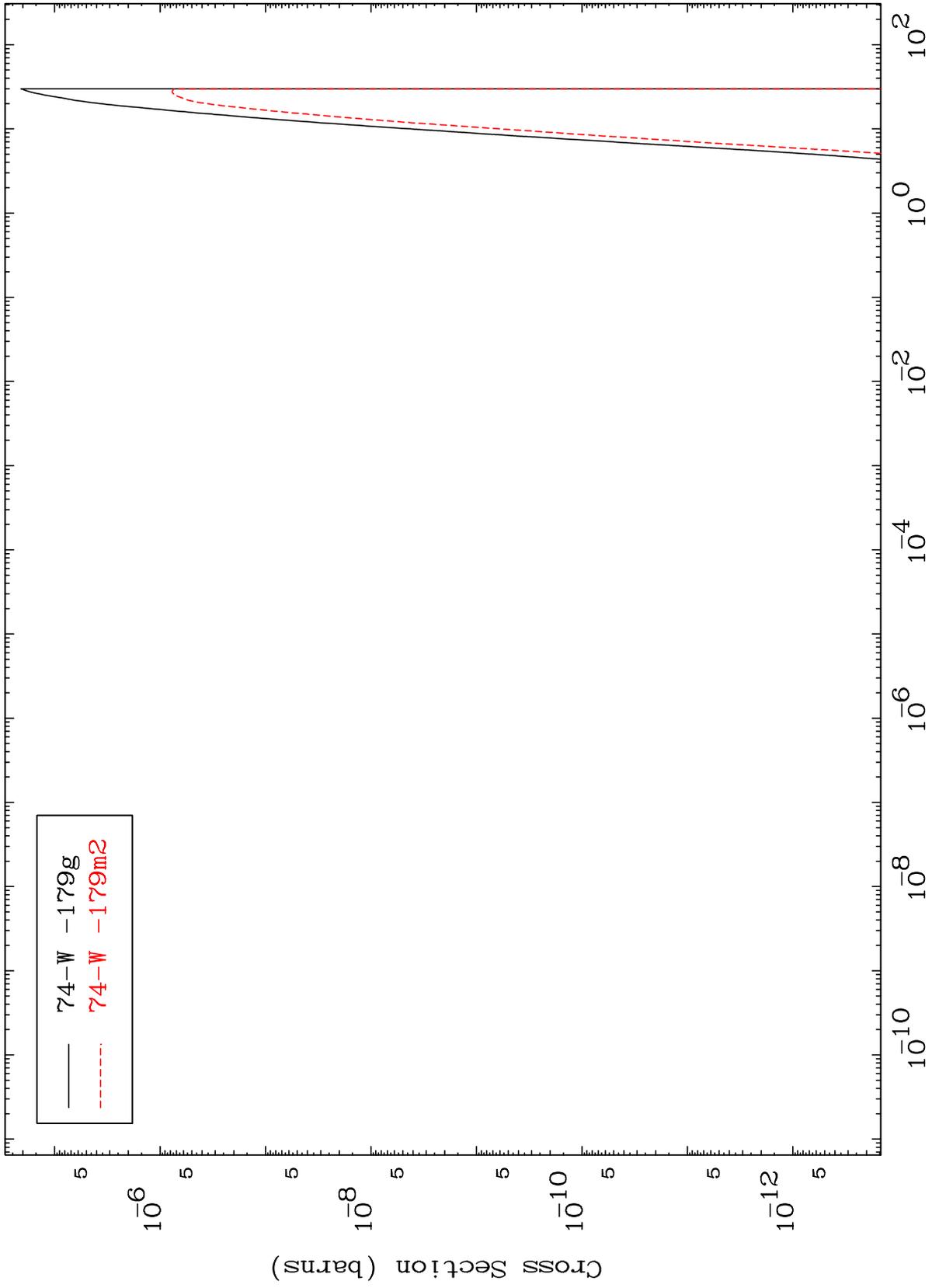
Incident Energy (MeV)

MAT 7701

(n,p) α

⁷⁷Ir-183

Radionuclide Production Cross Section



65

Incident Energy (MeV)

⁷⁷Ir-183