

Program EVALPLOT
(Version 2015-2)

by

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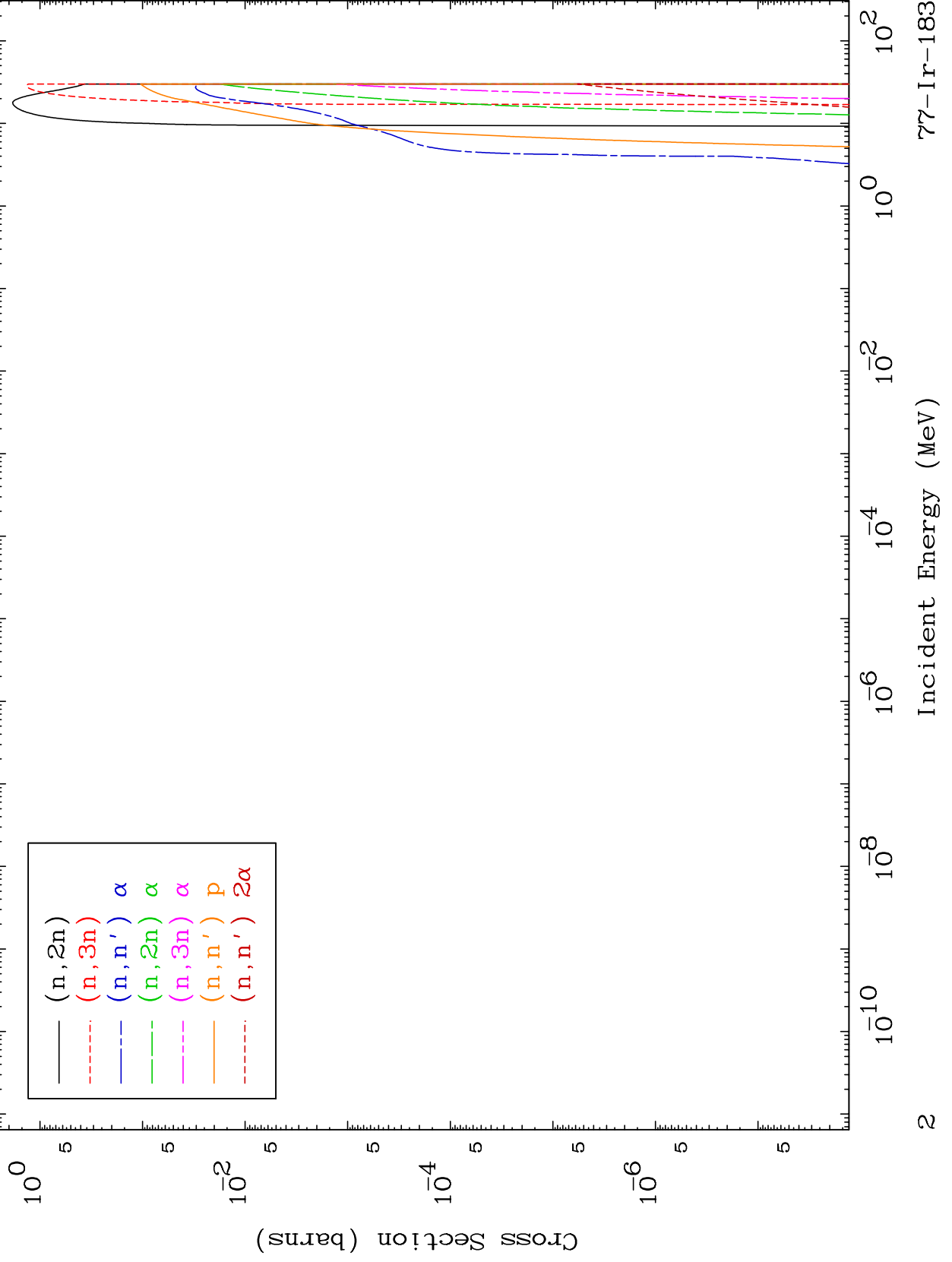
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

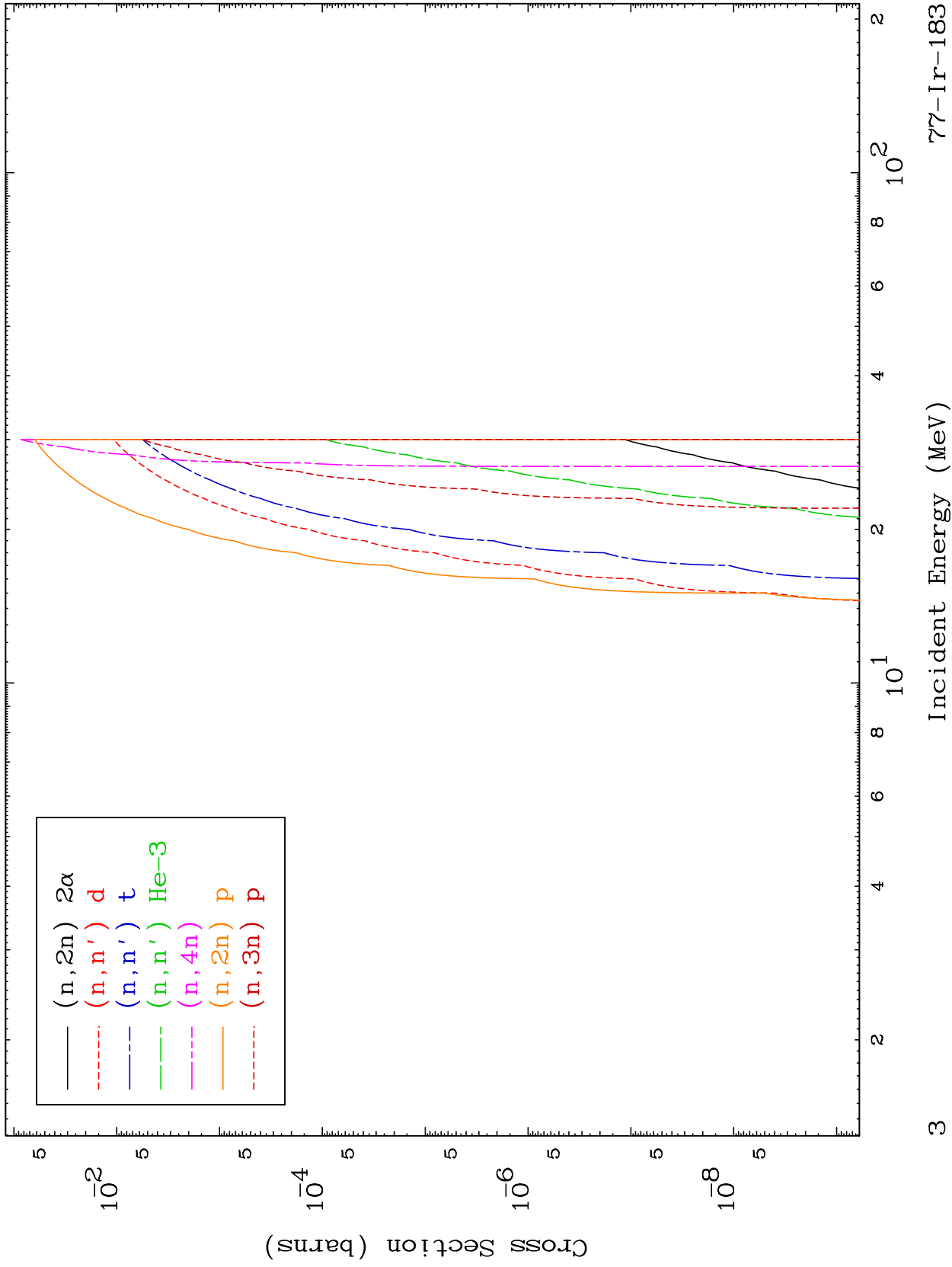
Press Mouse Button to Start

MAT 7701

Neutron Production
293 Kelvin Cross Sections

77-Ir-183

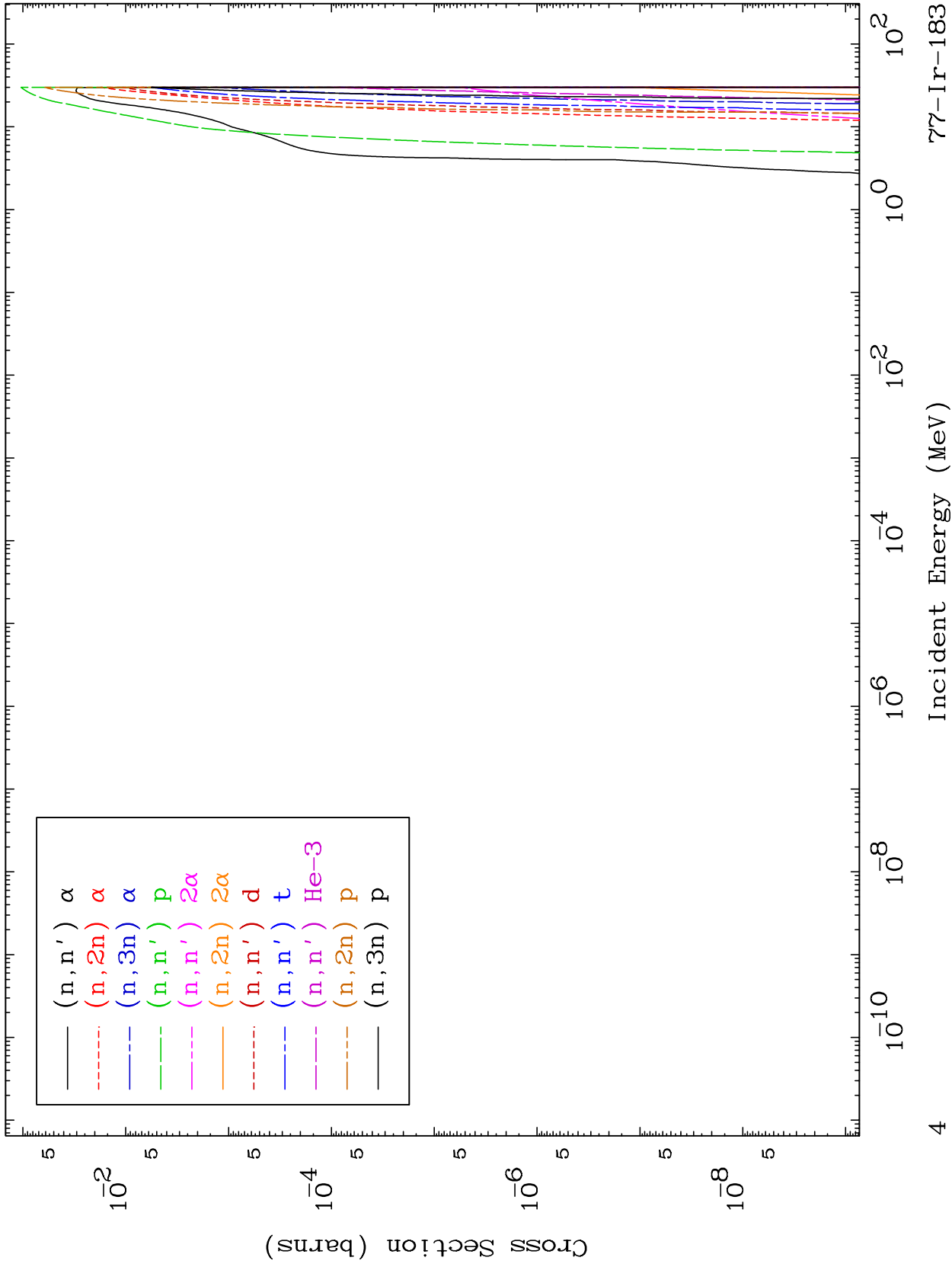




MAT 7701

Charged Particle
293 Kelvin Cross Sections

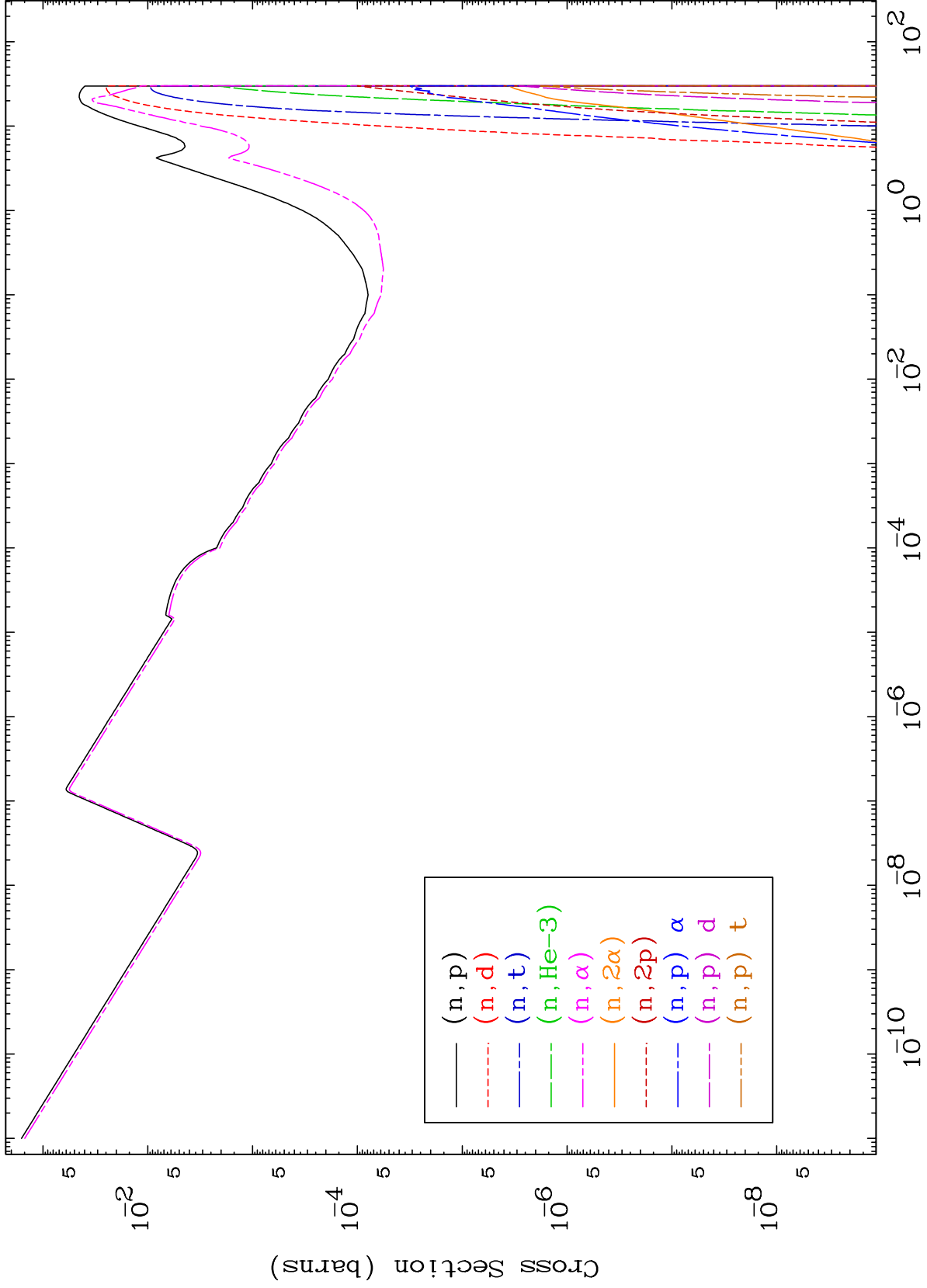
77-Ir-183

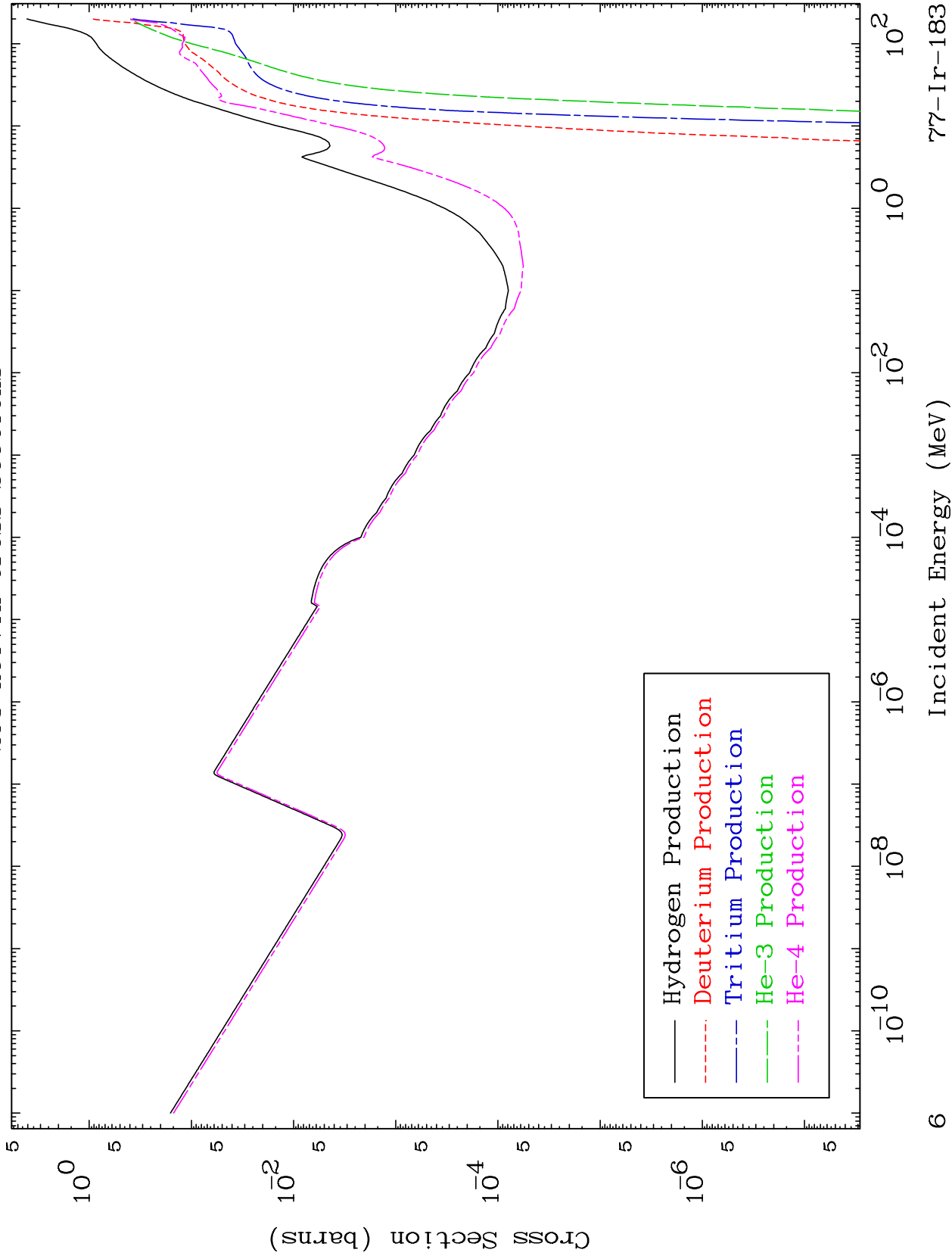


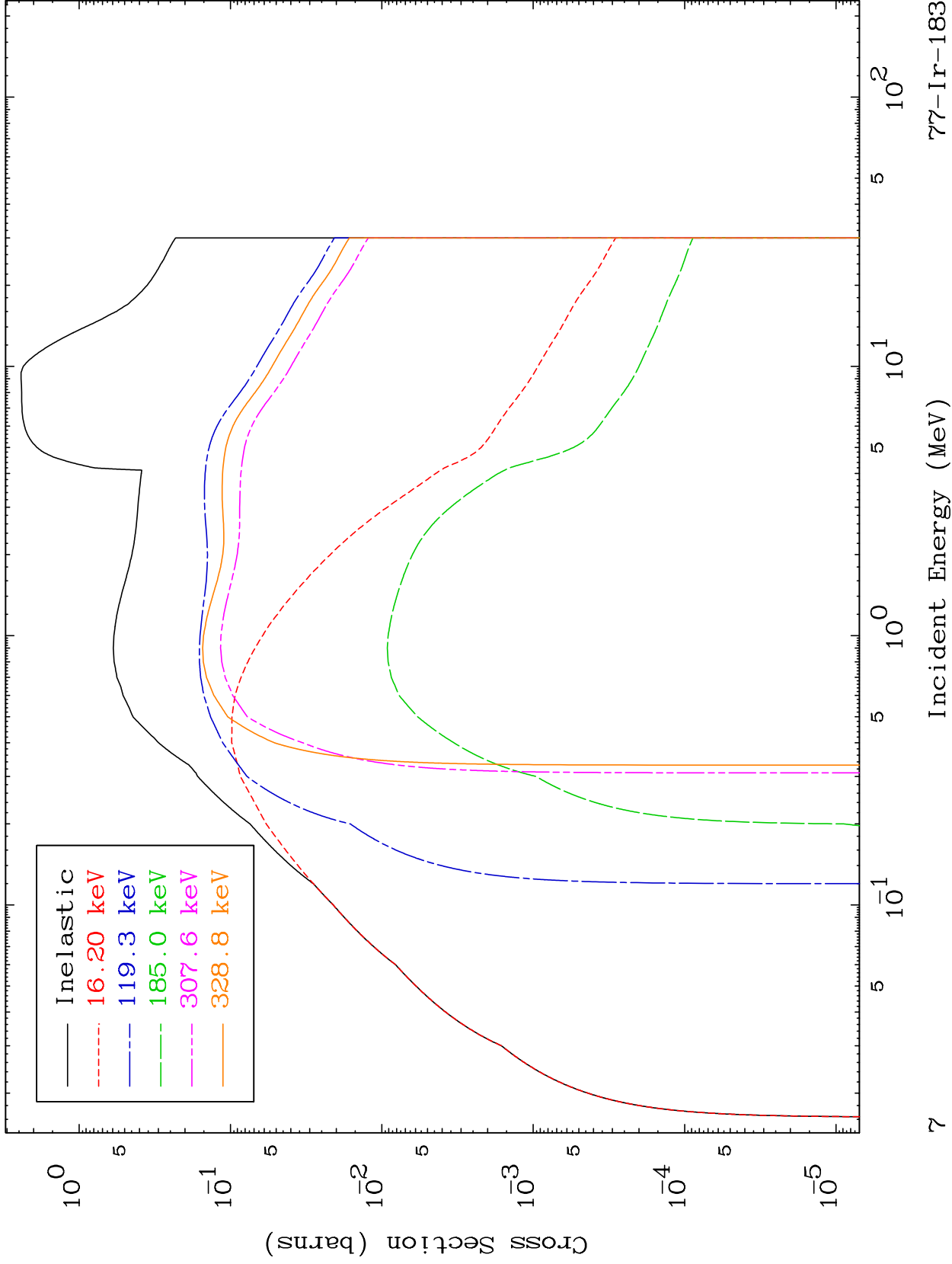
MAT 7701

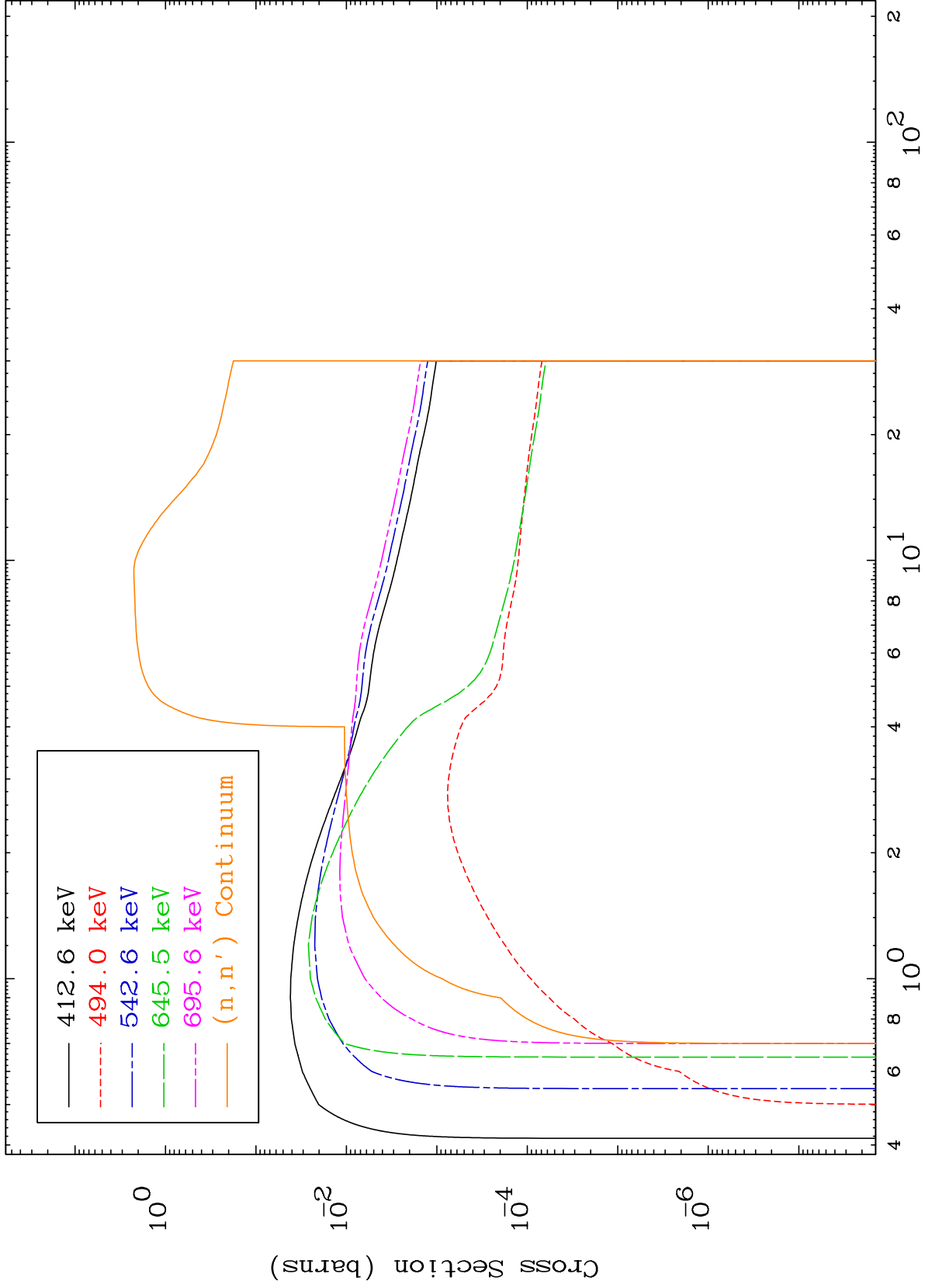
Charged Particle
293 Kelvin Cross Sections

77-Ir-183





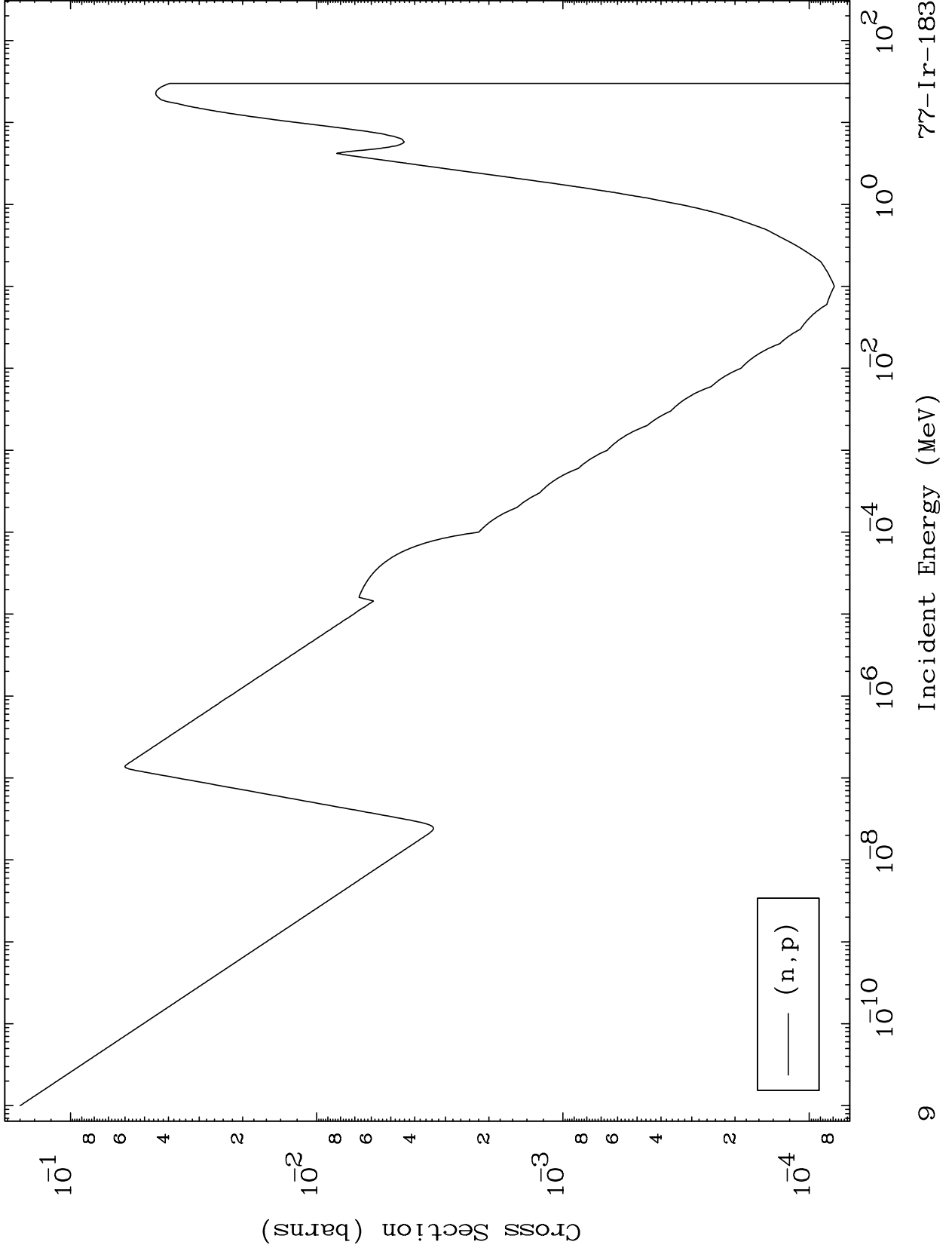




MAT 7701

(n,p) Levels
293 Kelvin Cross Sections

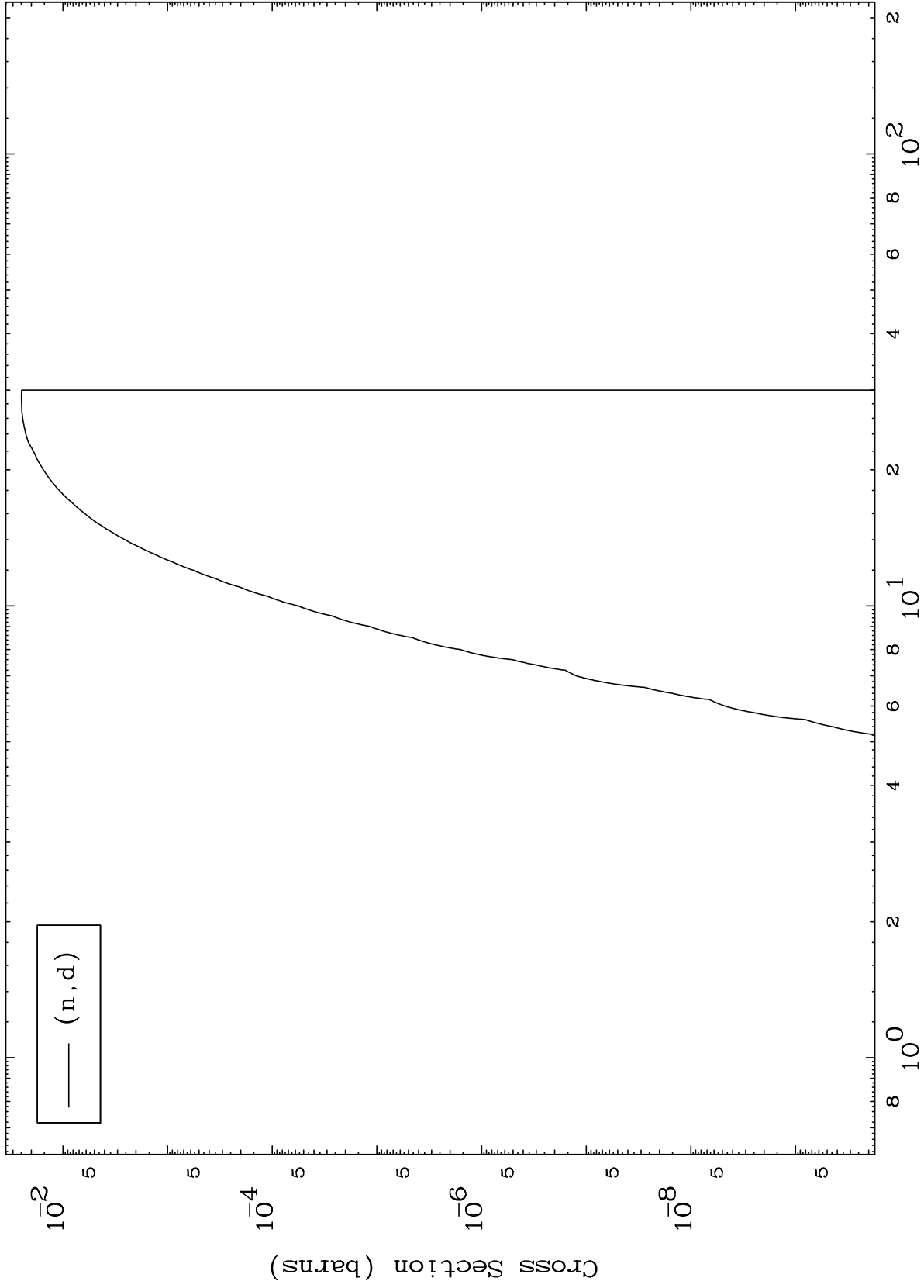
77-Ir-183



MAT 7701

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-183



10

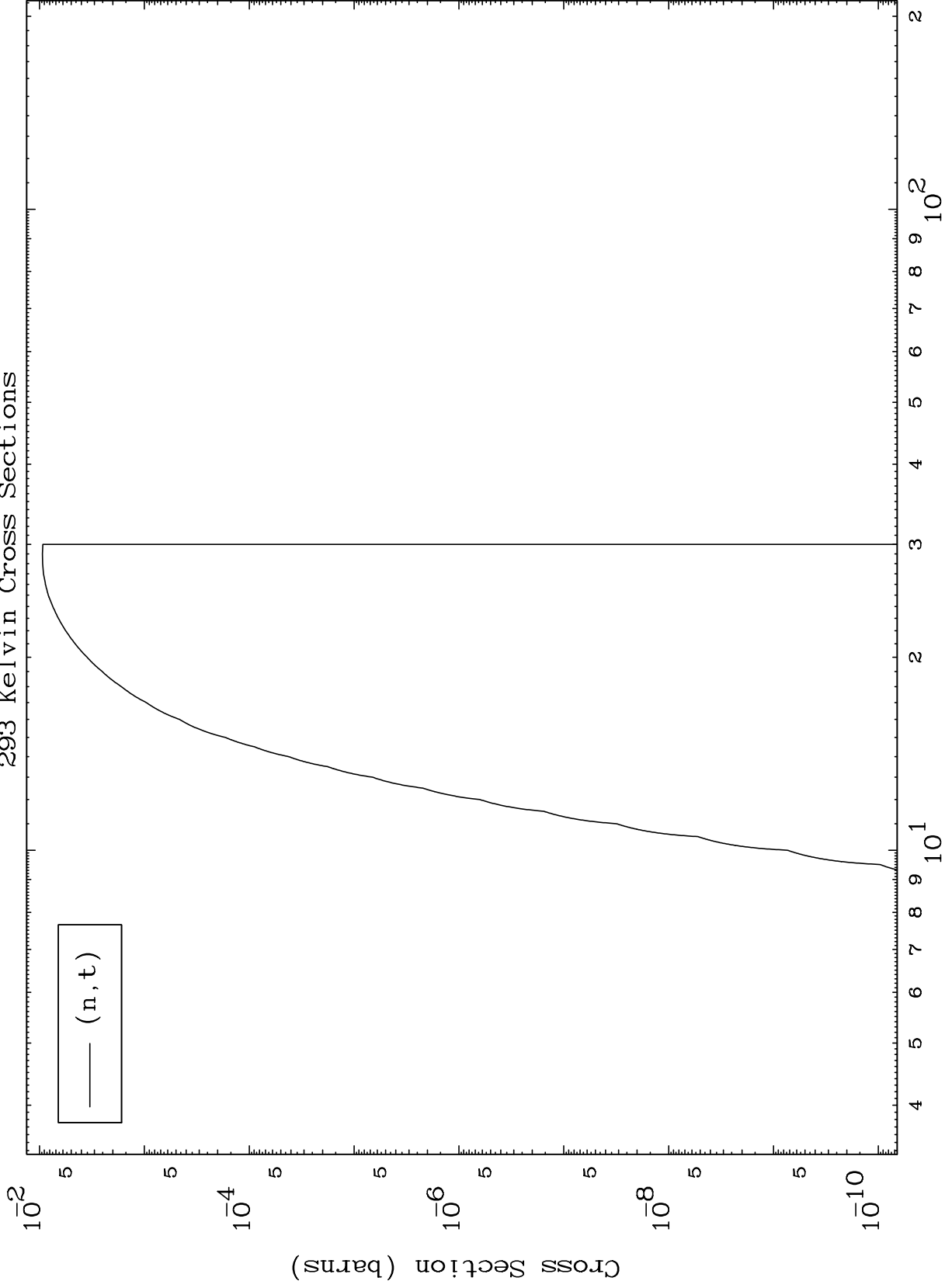
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-183



11

Incident Energy (MeV)

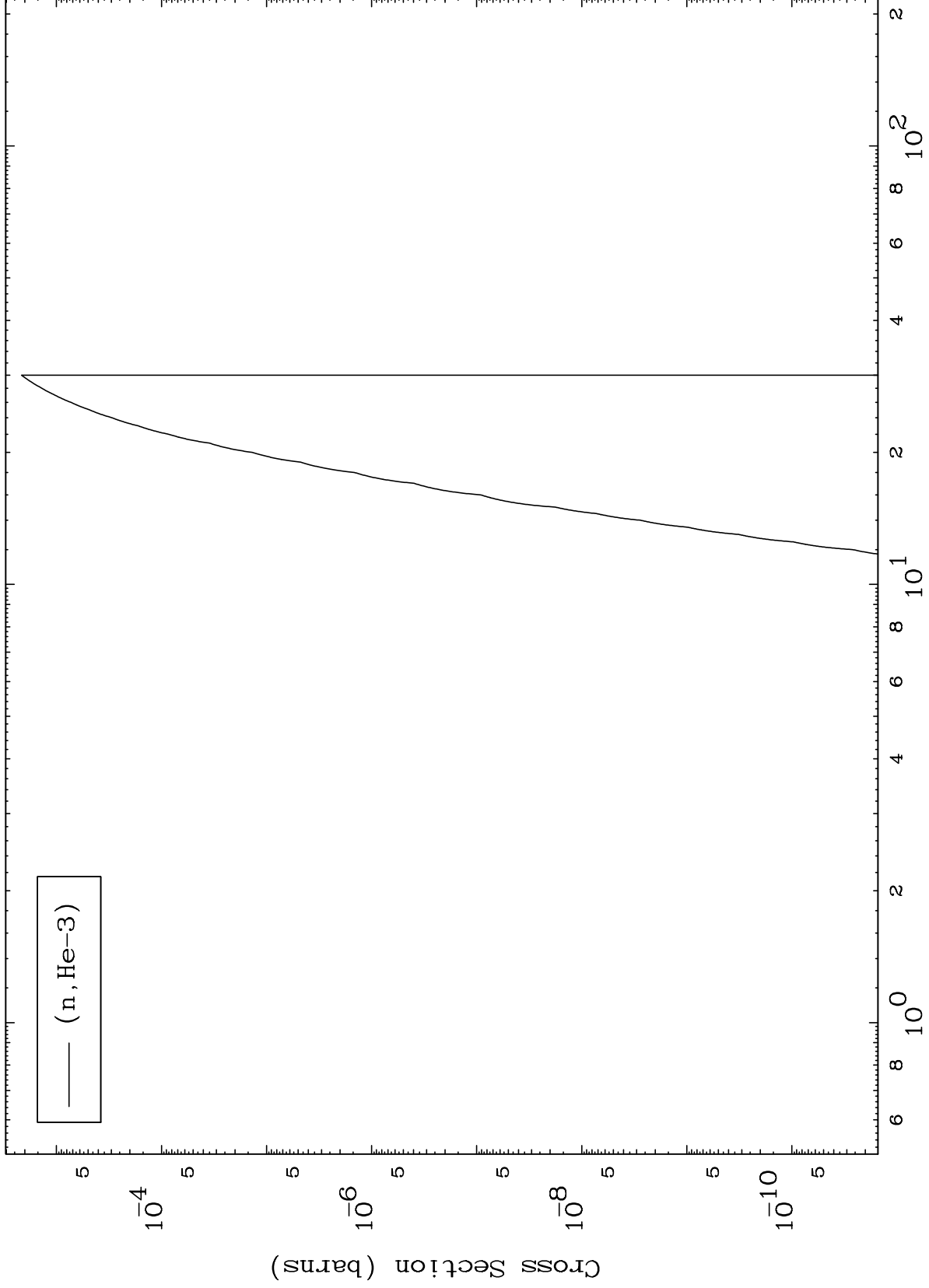
77-Ir-183

MAT 7701

(n,He3) Levels

77-Ir-183

293 Kelvin Cross Sections



12

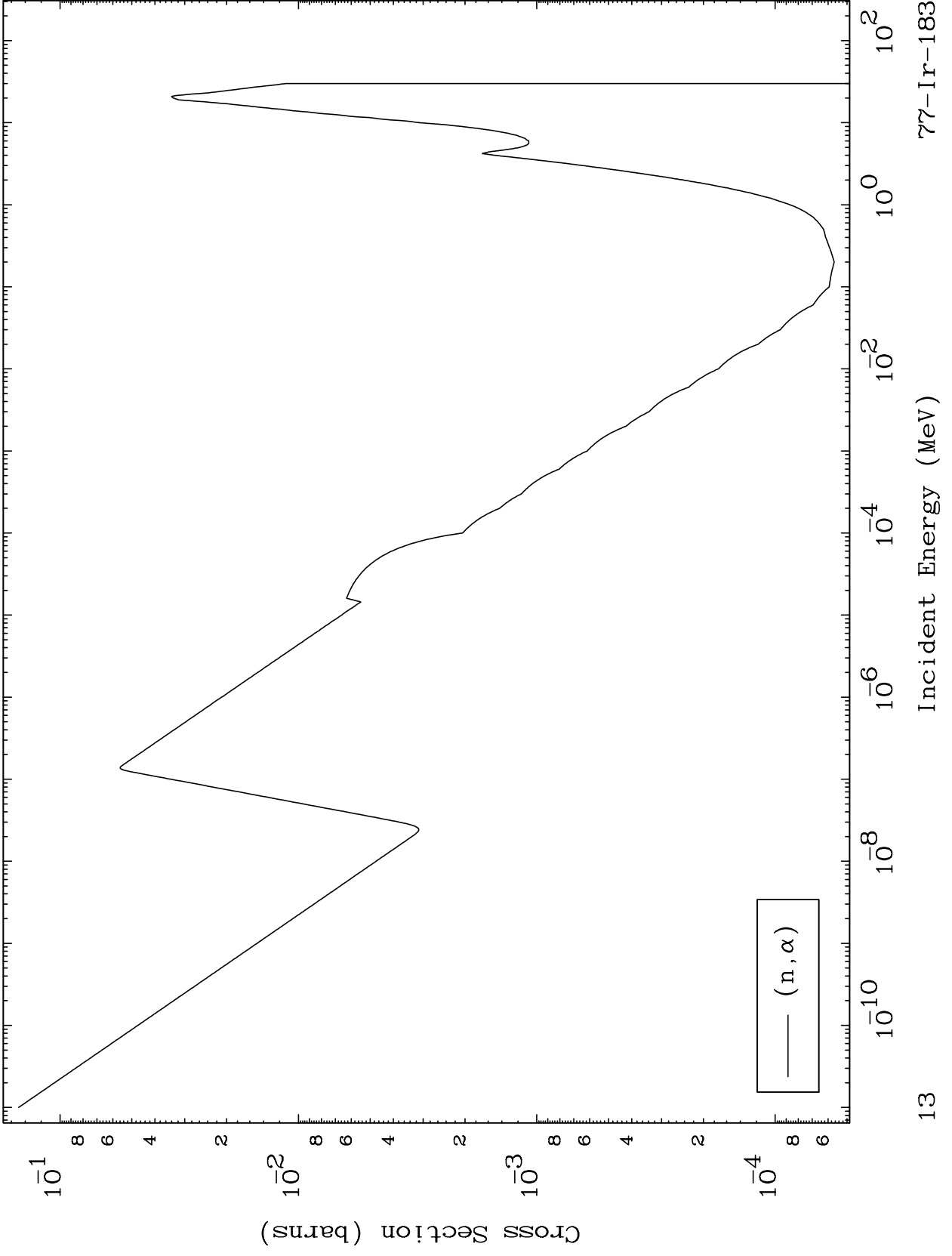
Incident Energy (MeV)

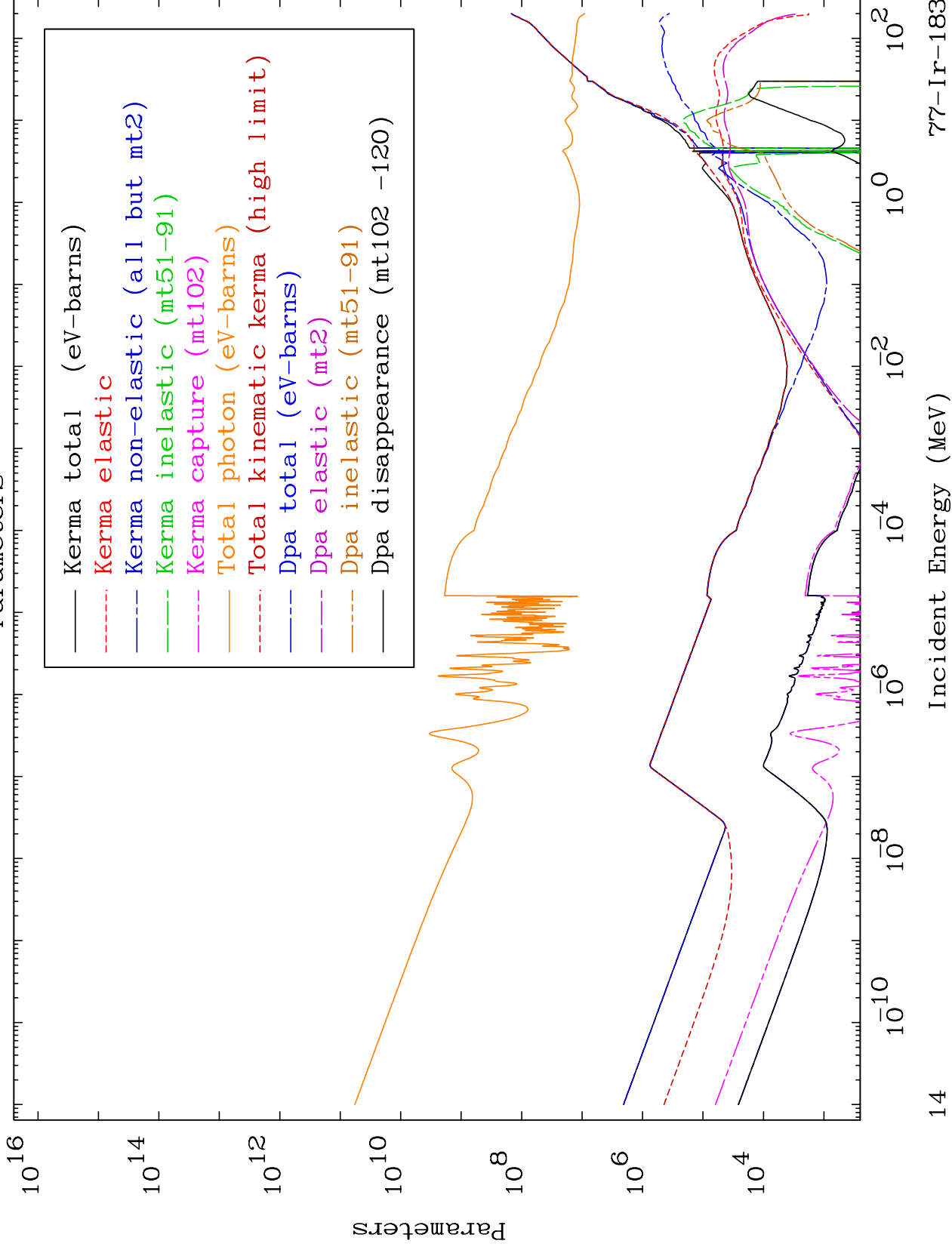
77-Ir-183

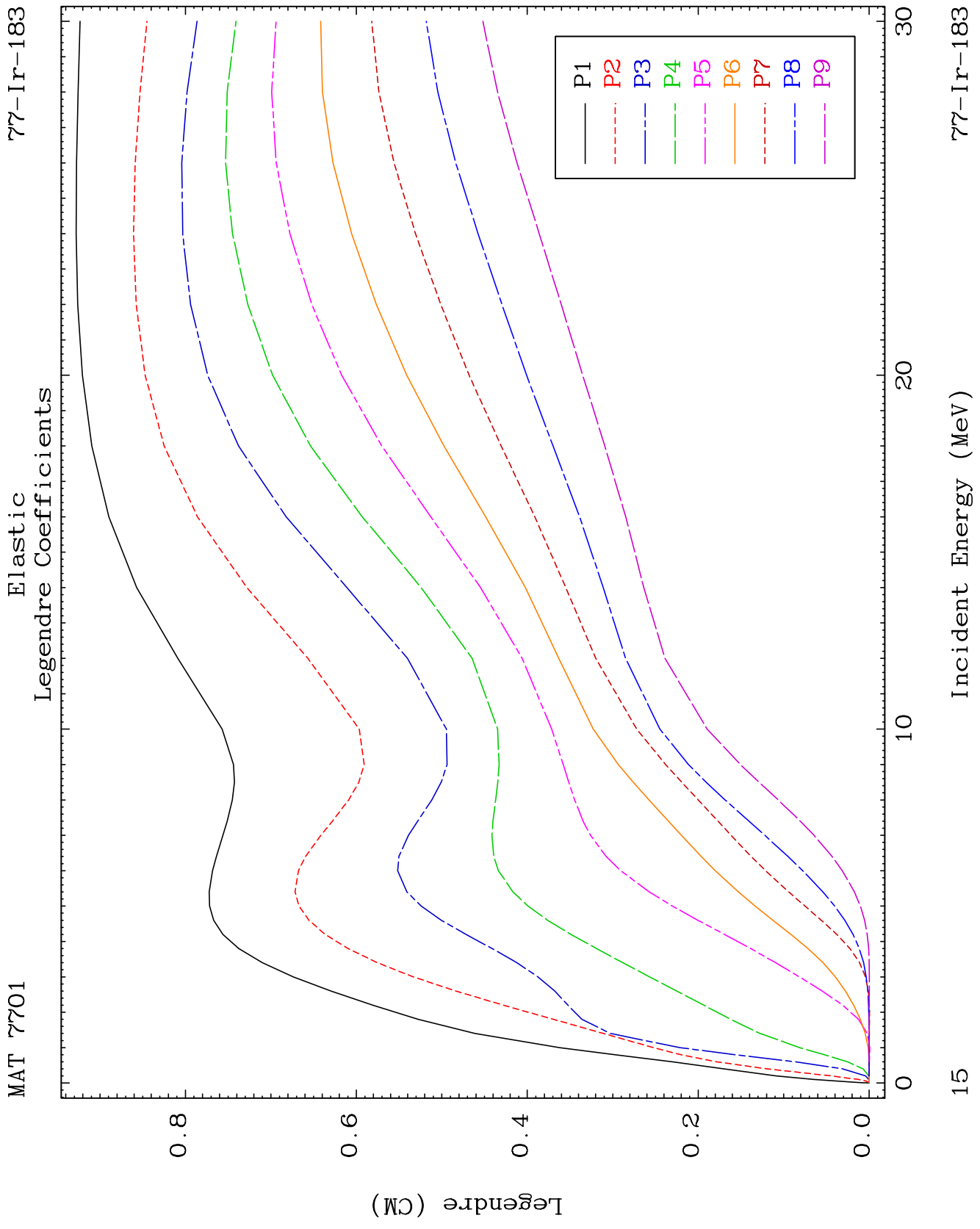
MAT 7701

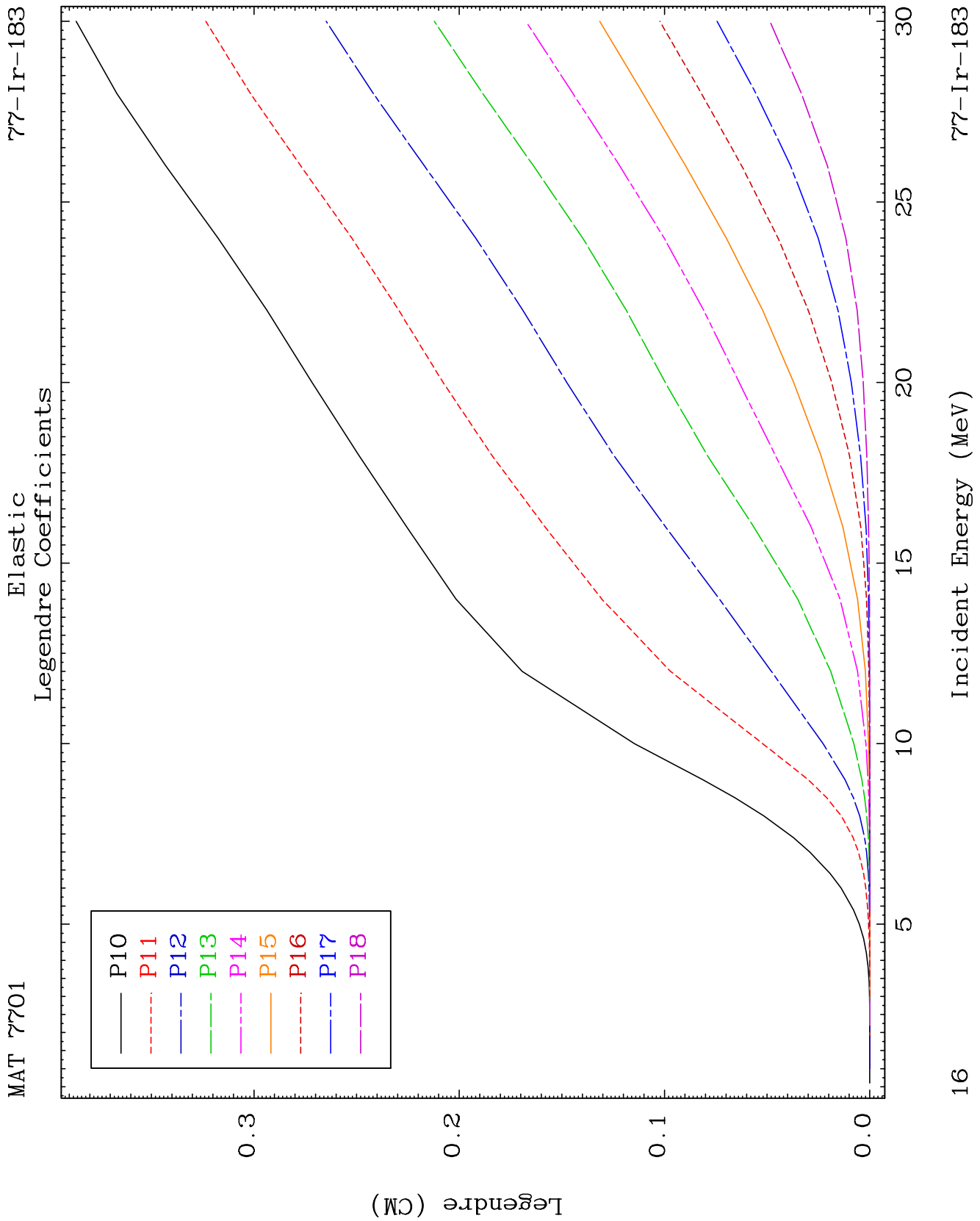
(n,α) Levels
293 Kelvin Cross Sections

77-Ir-183





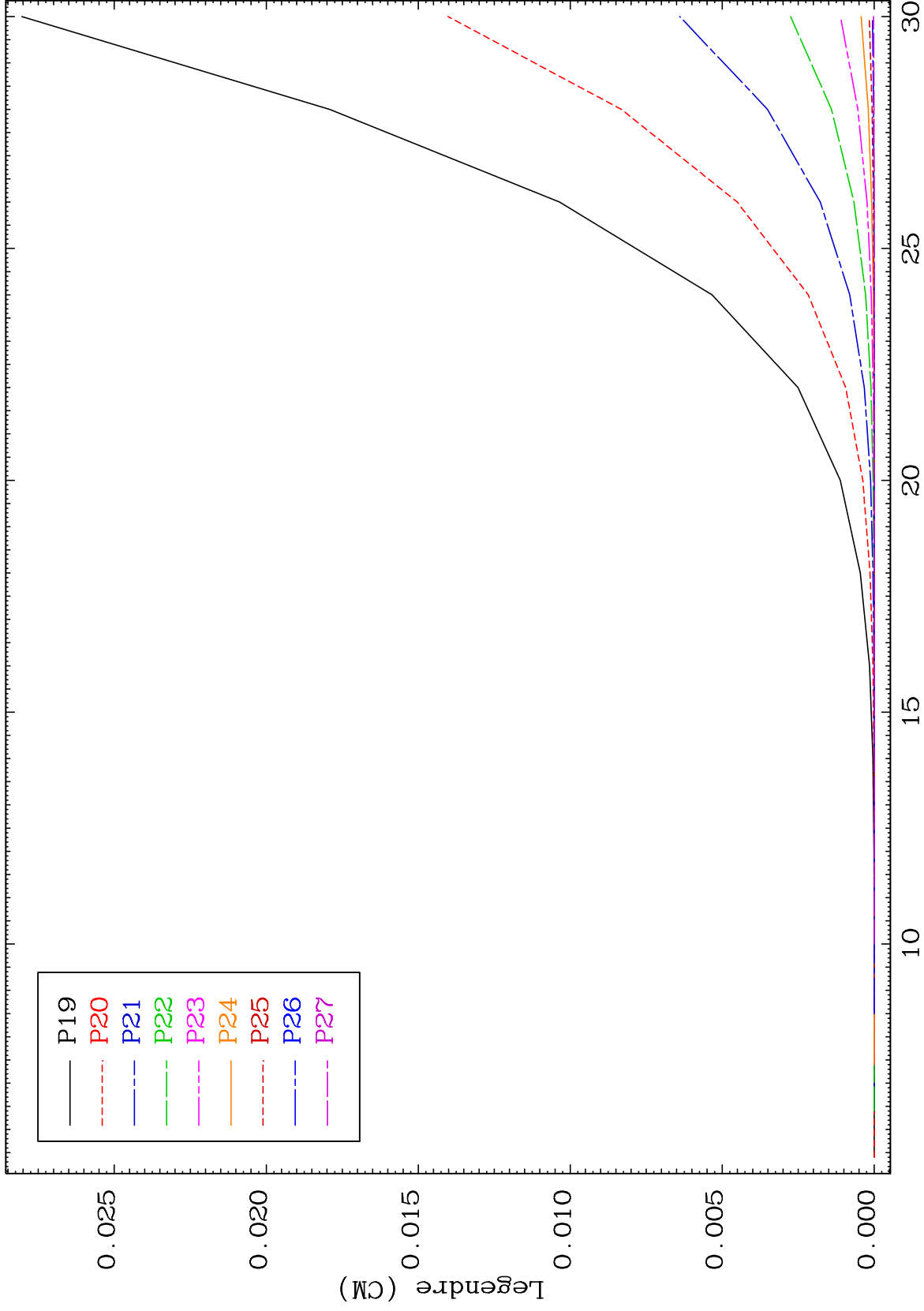




MAT 7701

Elastic Legendre Coefficients

77-Ir-183



17

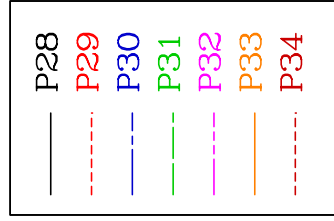
Incident Energy (MeV)

77-Ir-183

MAT 7701

Elastic
Legendre Coefficients

77-Ir-183



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

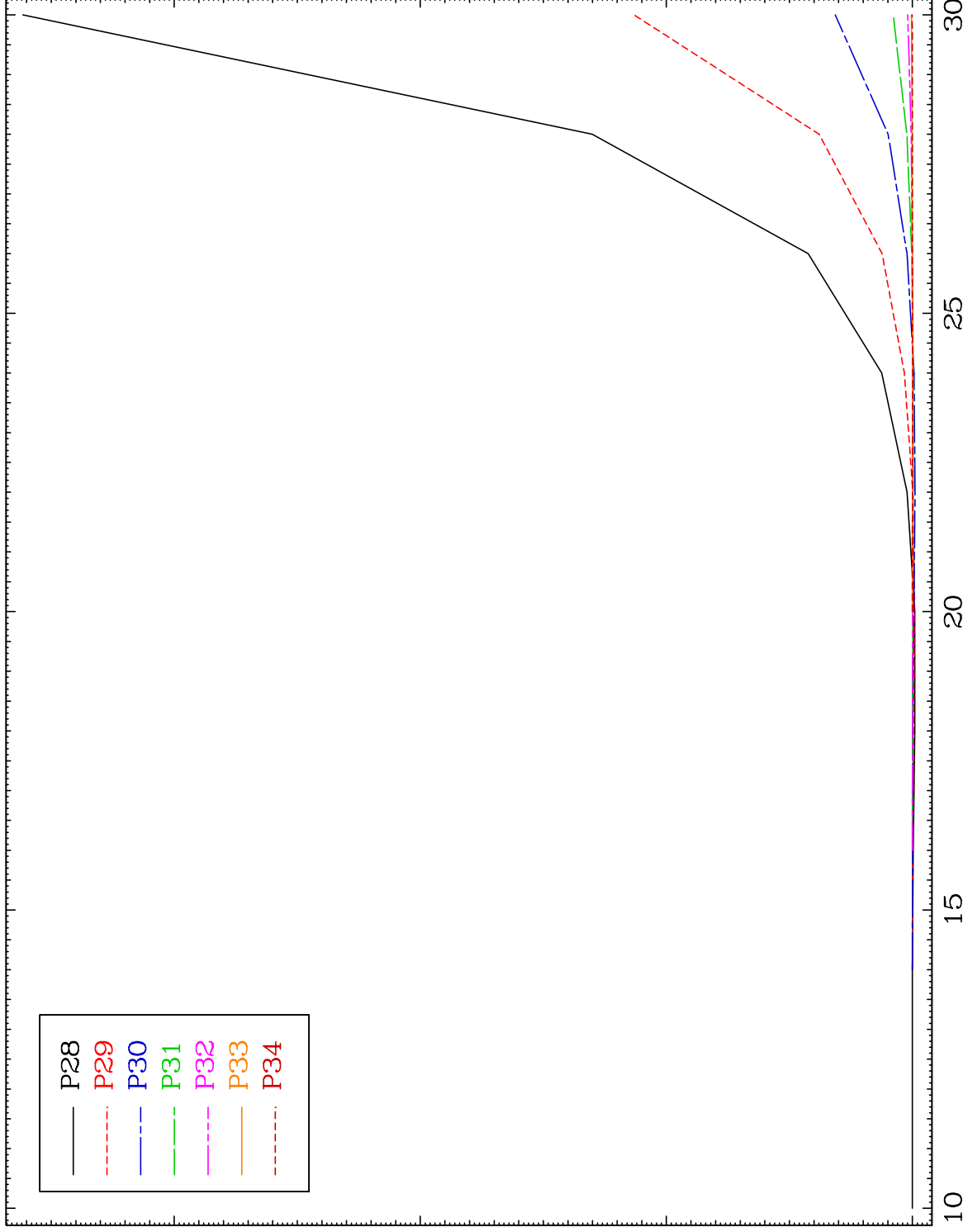
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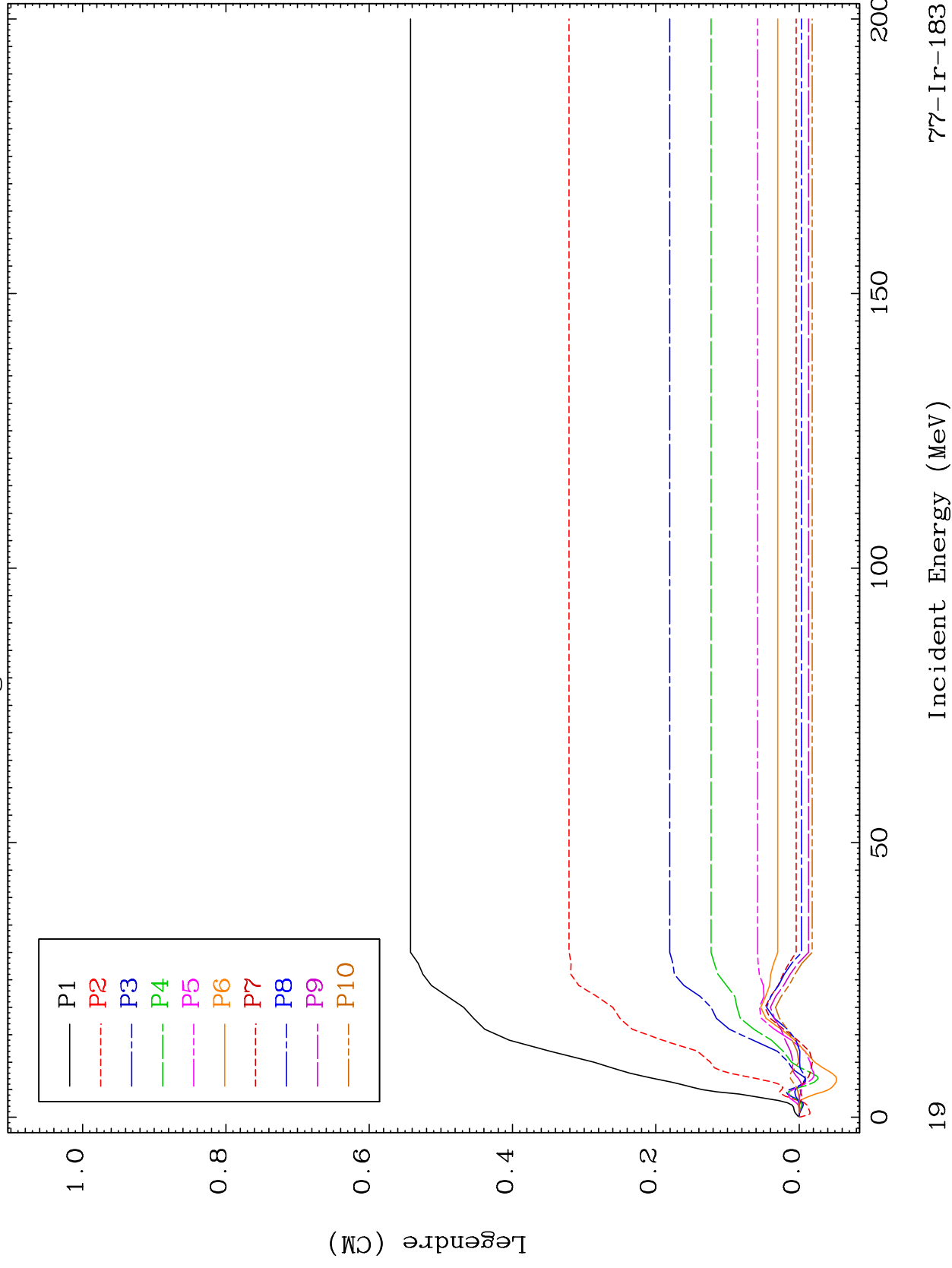
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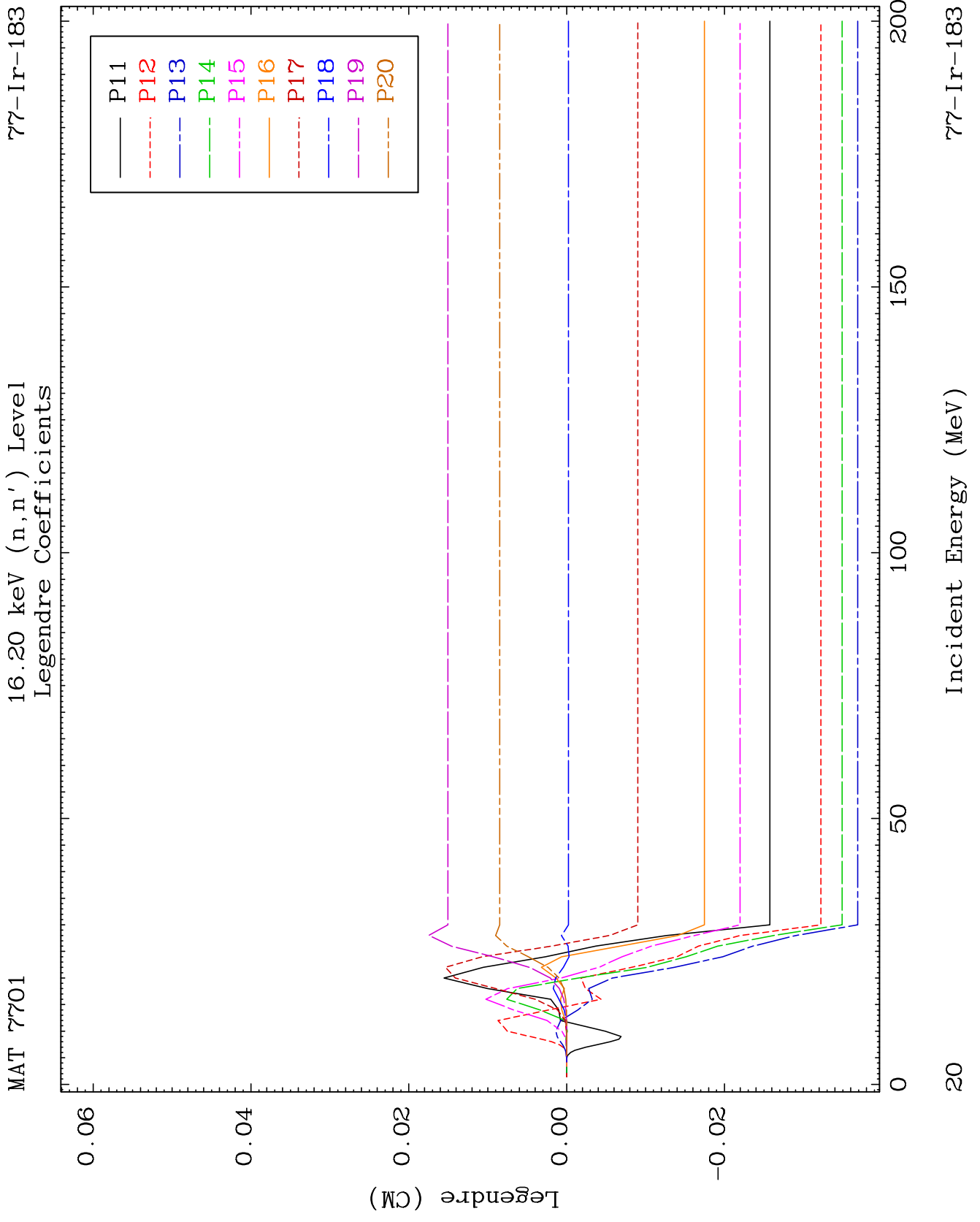
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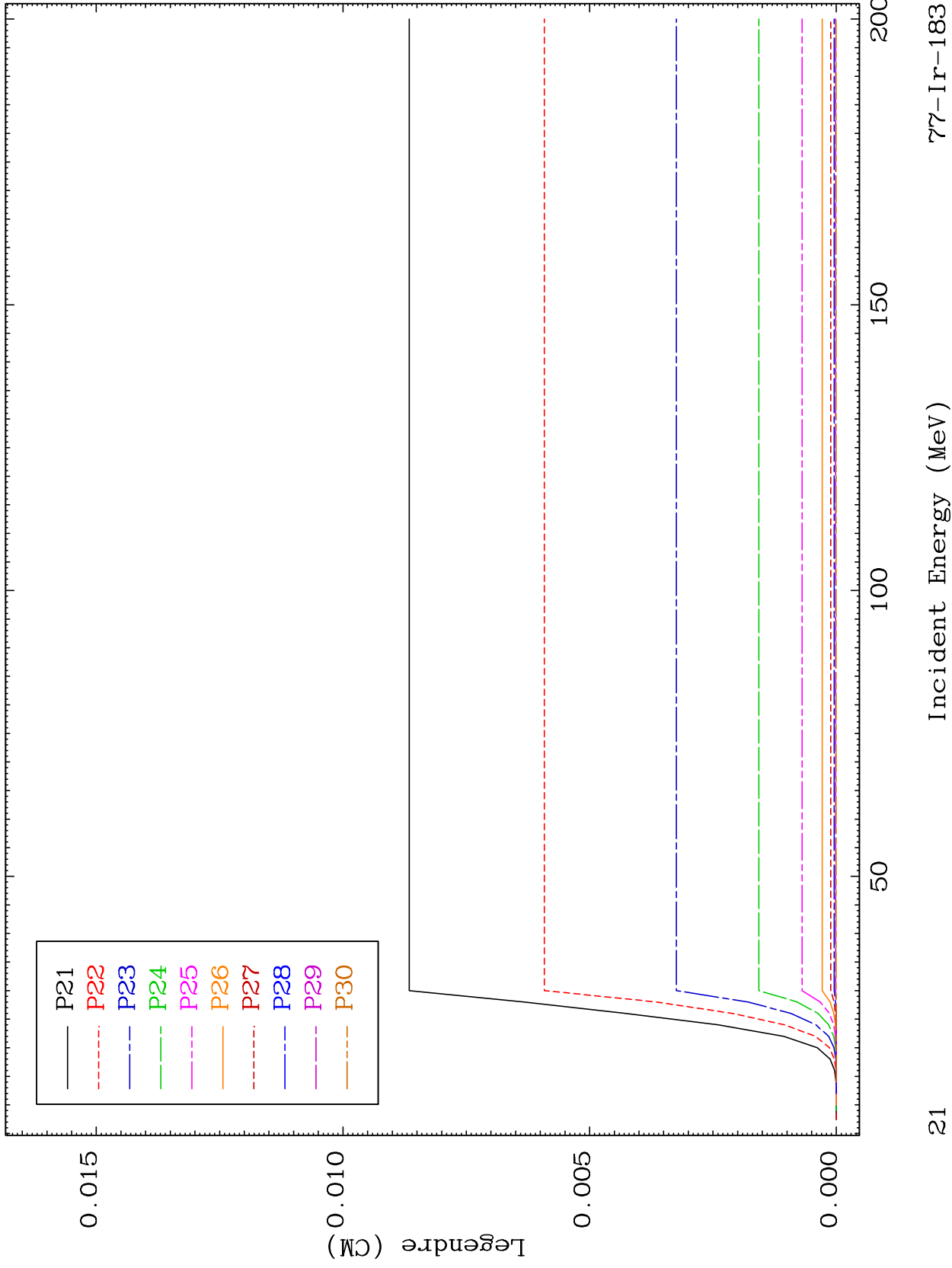
Incident Energy (MeV)

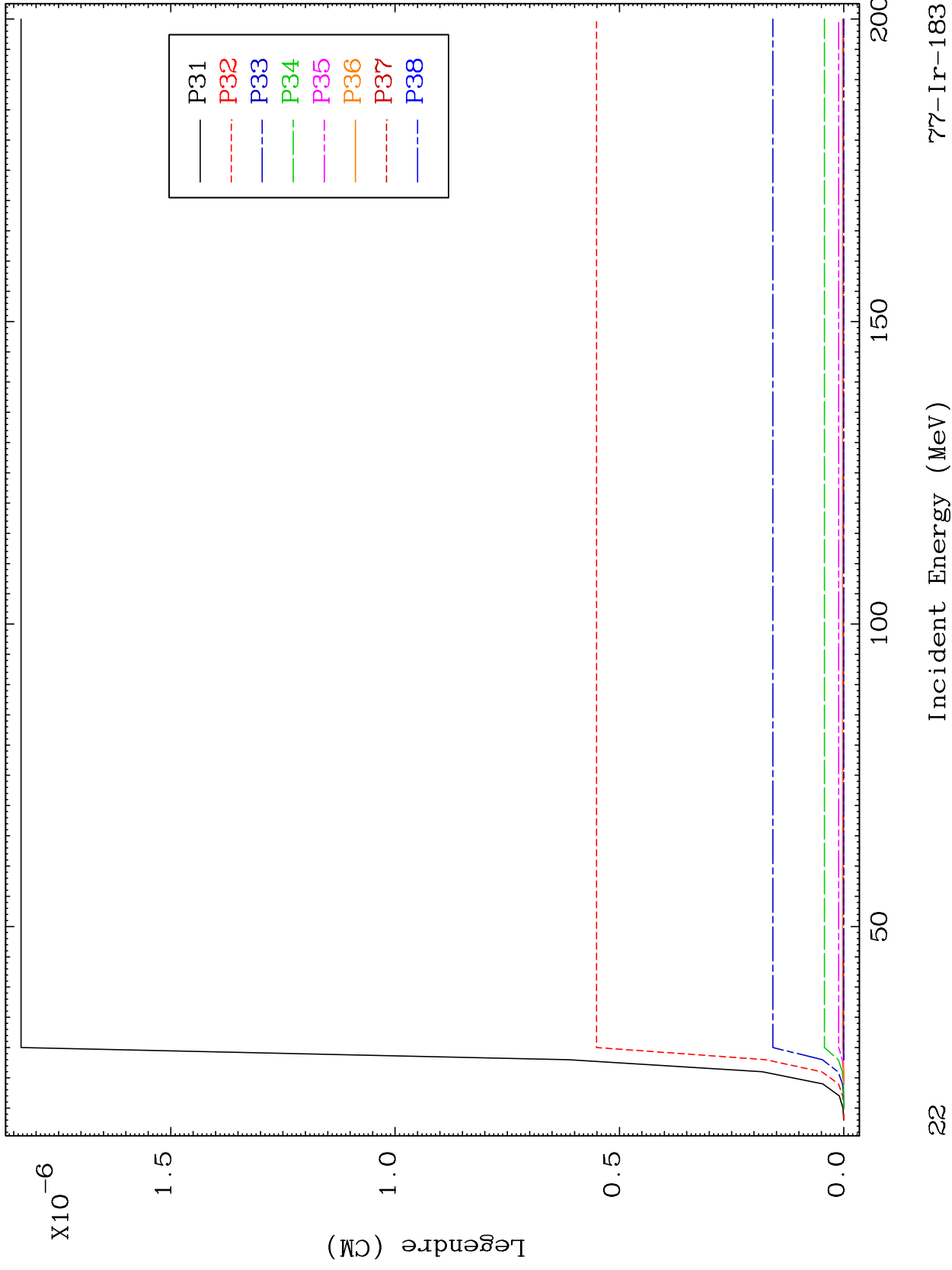
77-Ir-183







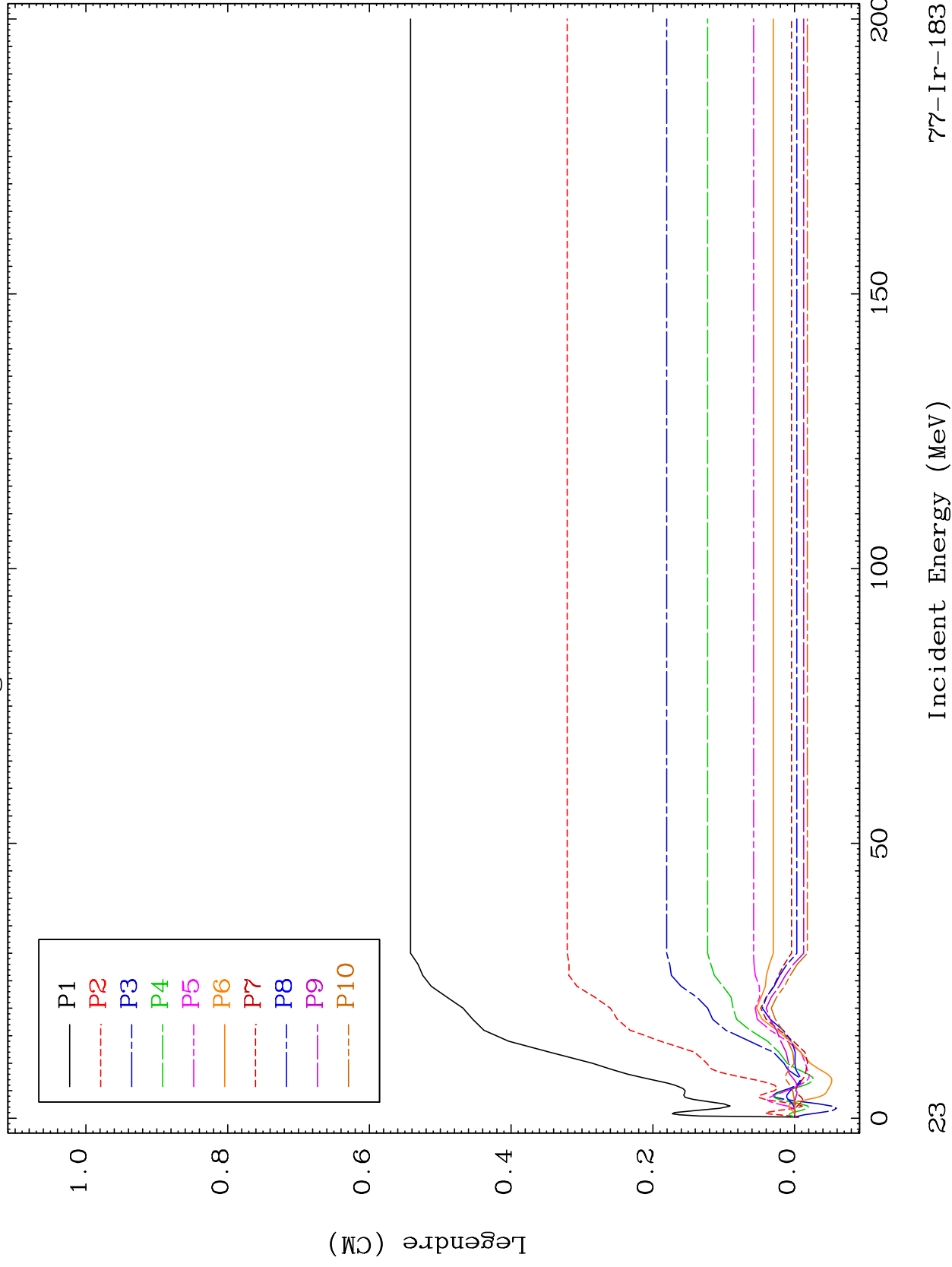




MAT 7701

119.3 keV (n,n') Level
Legendre Coefficients

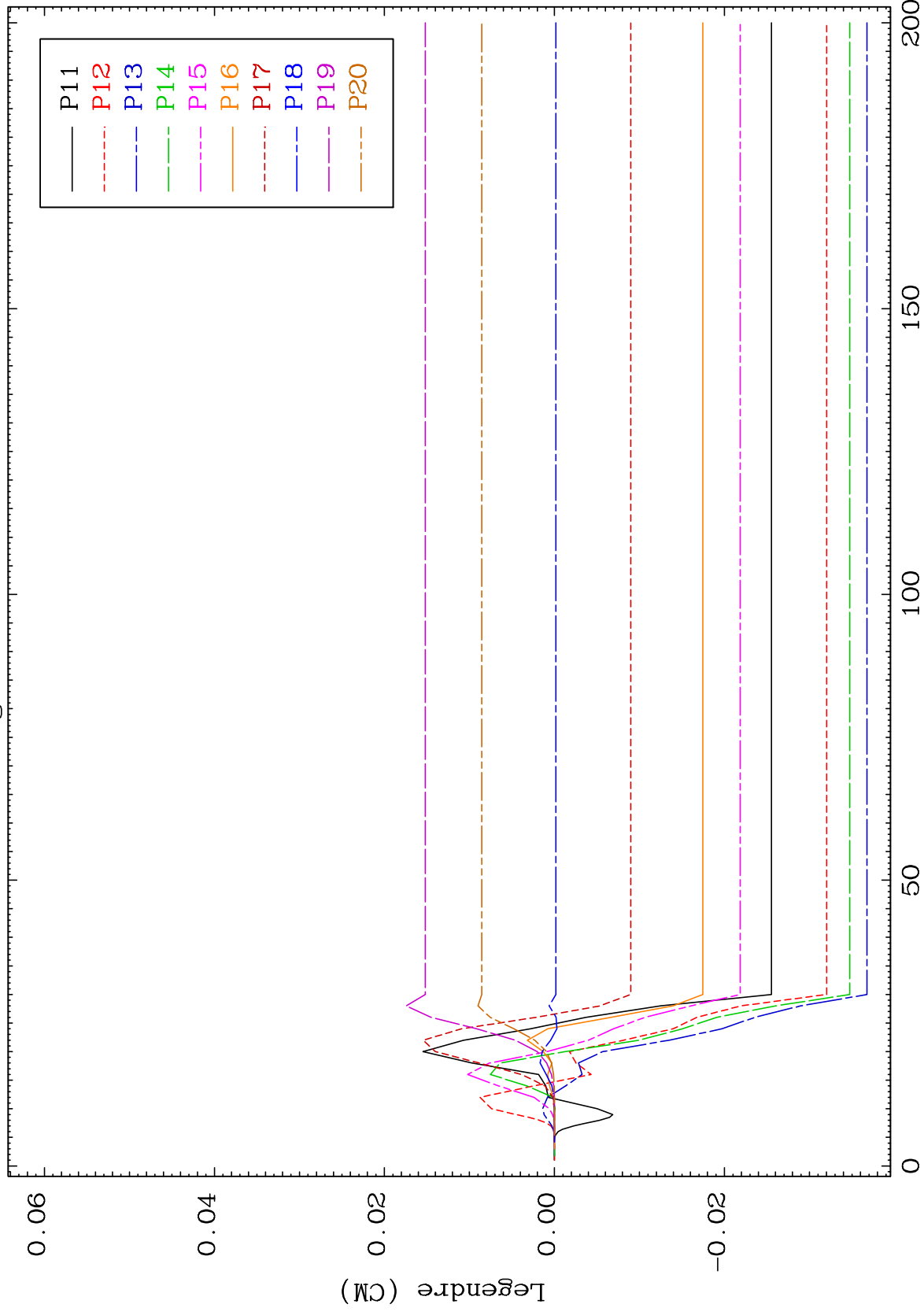
77-Ir-183



MAT 7701

119.3 keV (n,n') Level
Legendre Coefficients

77-Ir-183



24

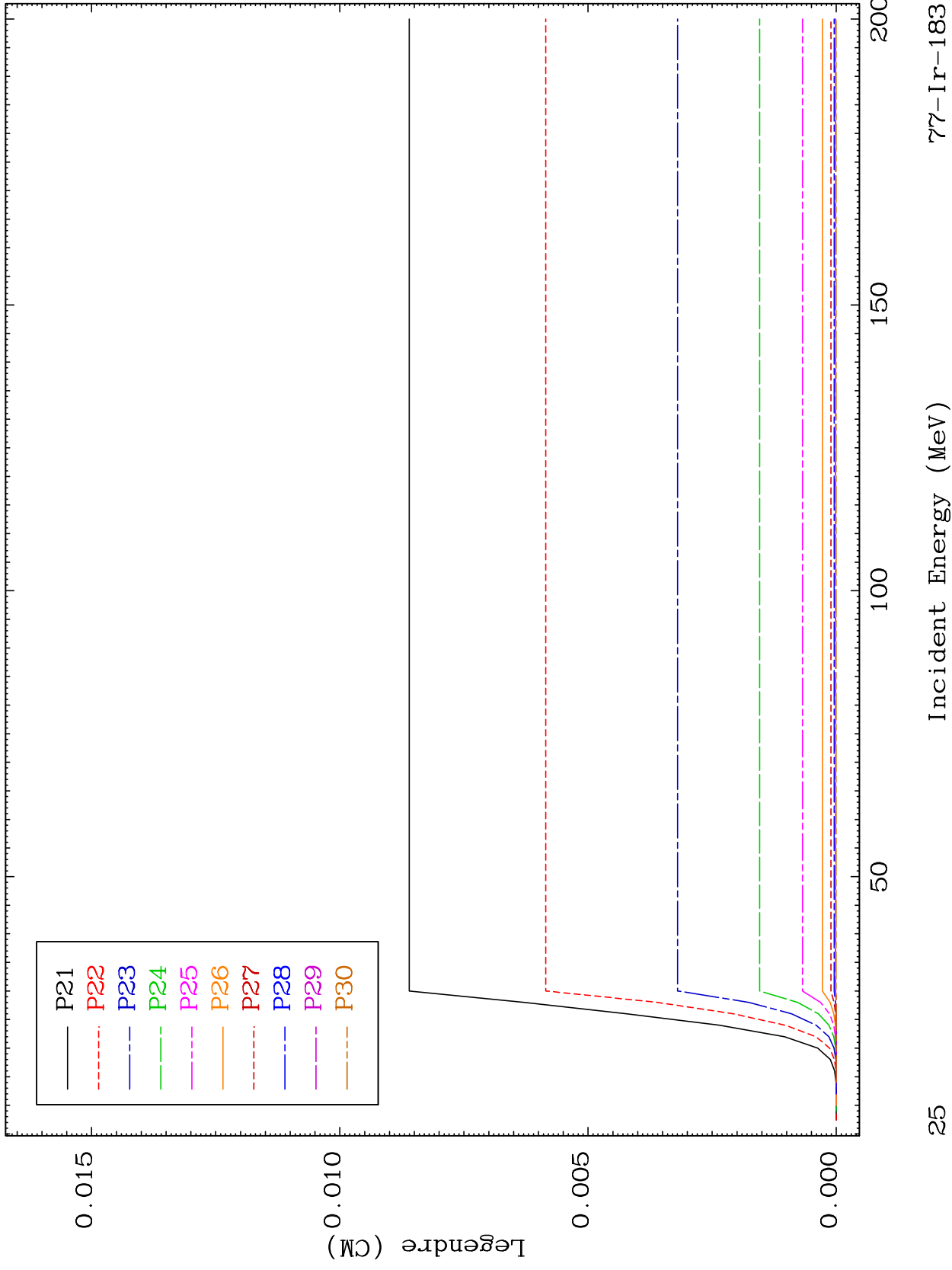
Incident Energy (MeV)

77-Ir-183

MAT 7701

119.3 keV (n,n') Level
Legendre Coefficients

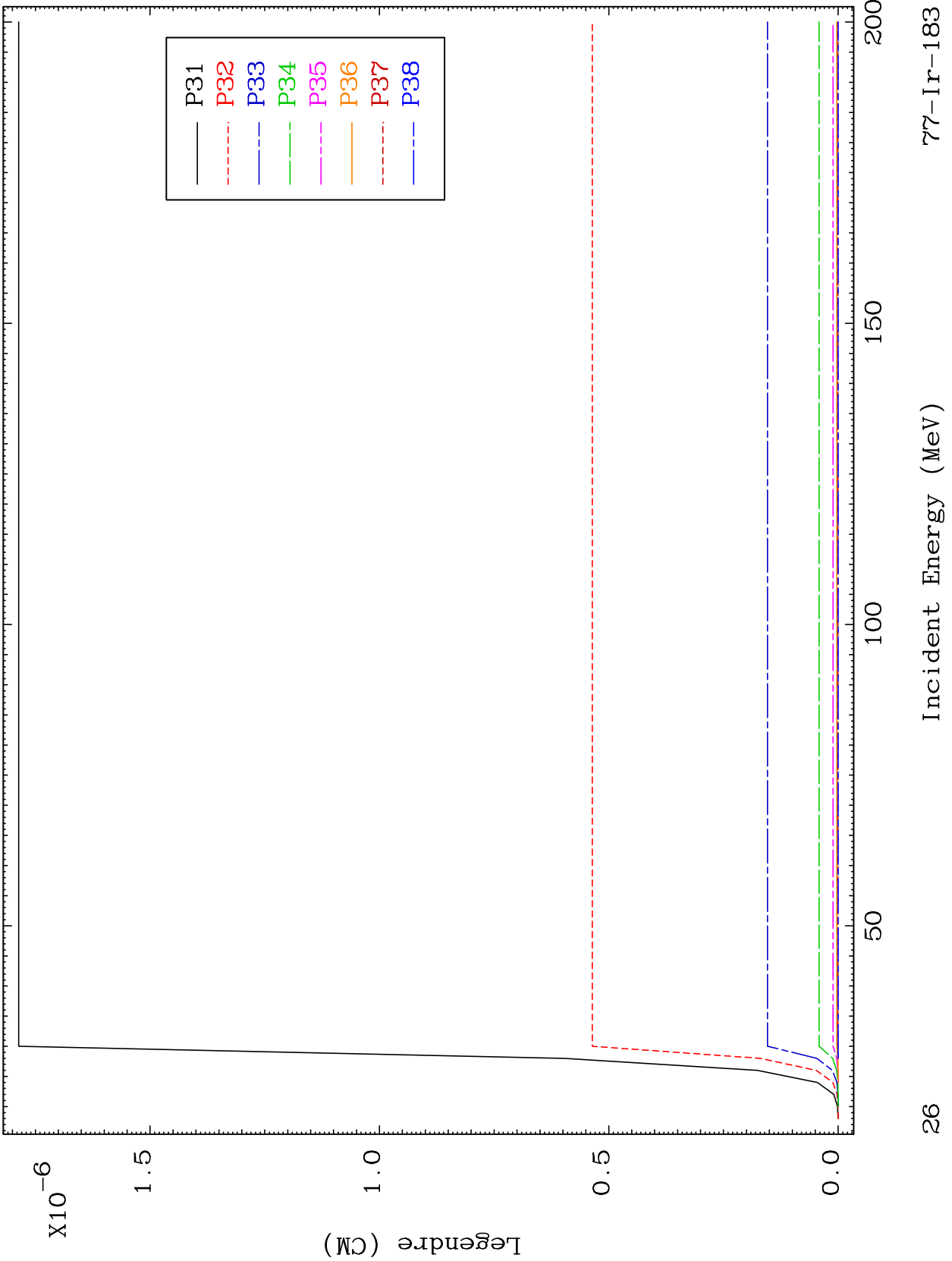
77-Ir-183

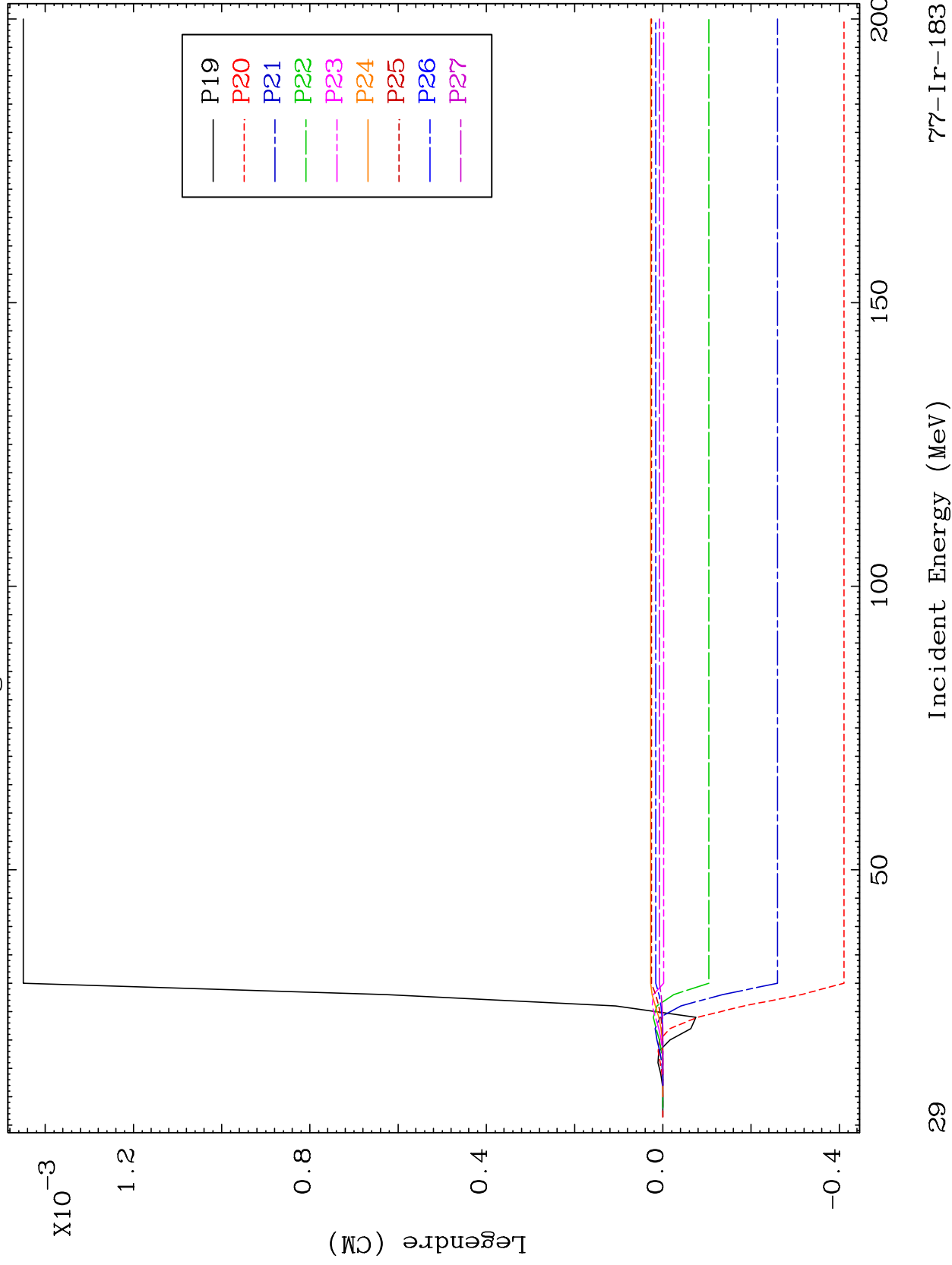


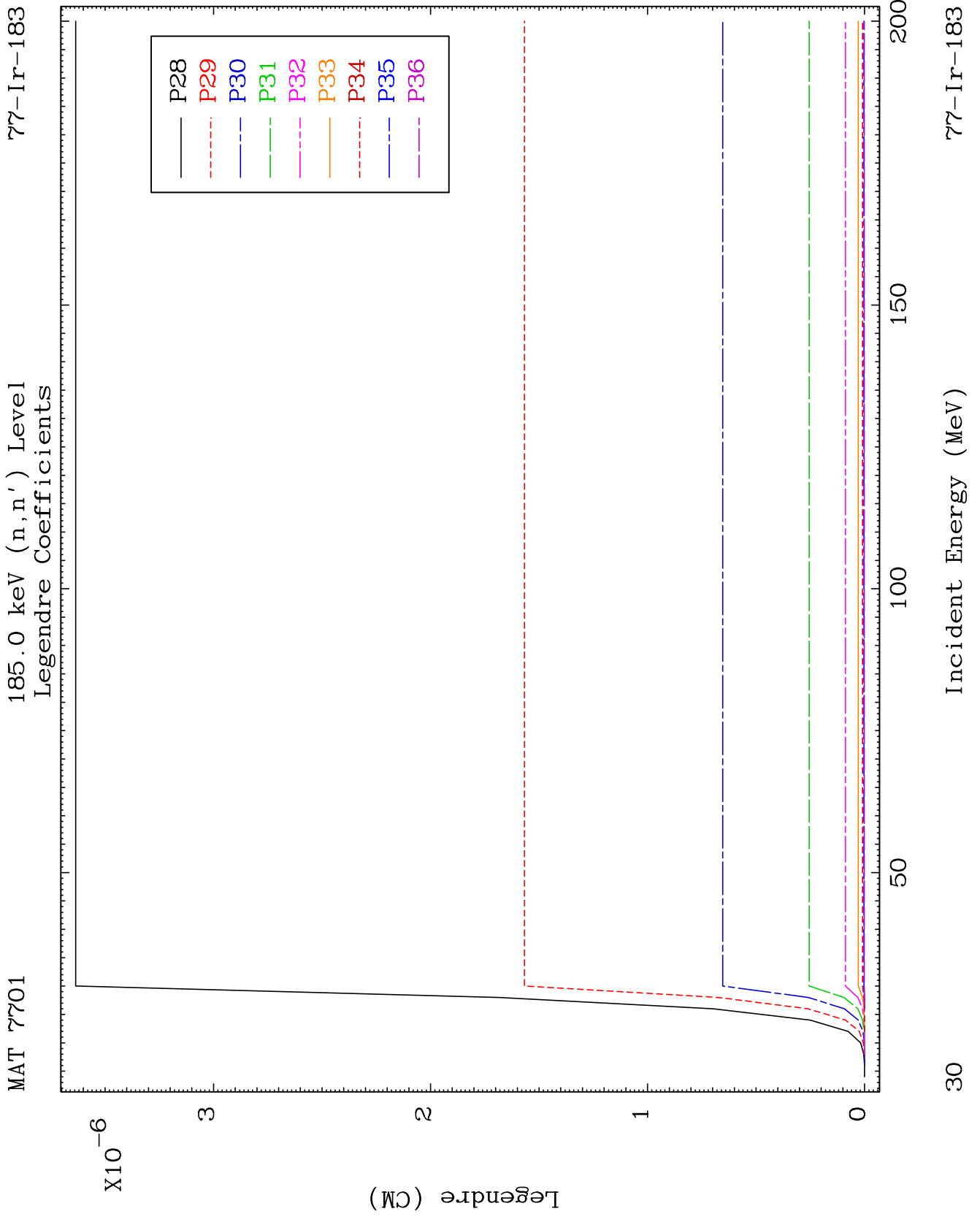
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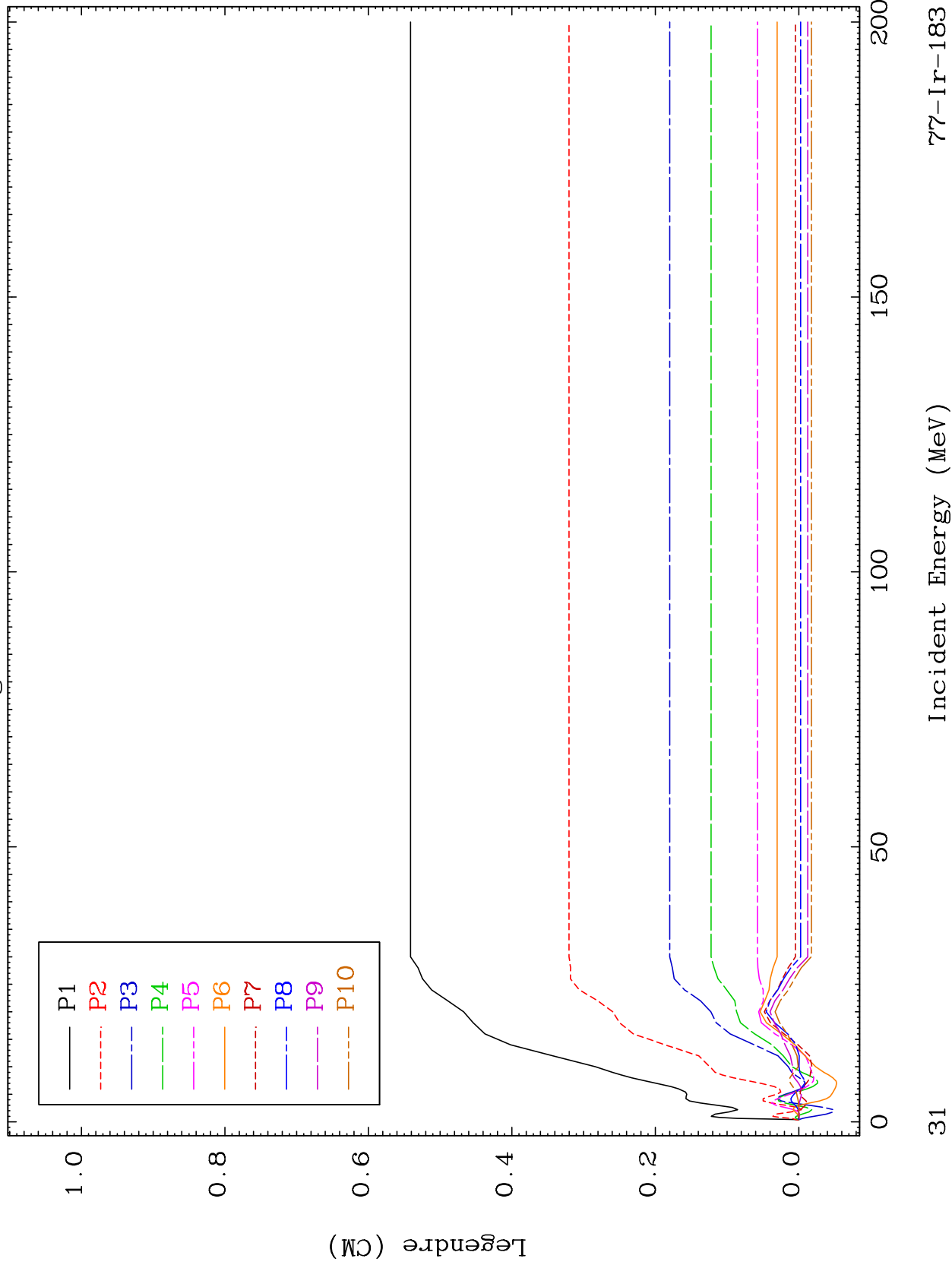
Incident Energy (MeV)

77-Ir-183





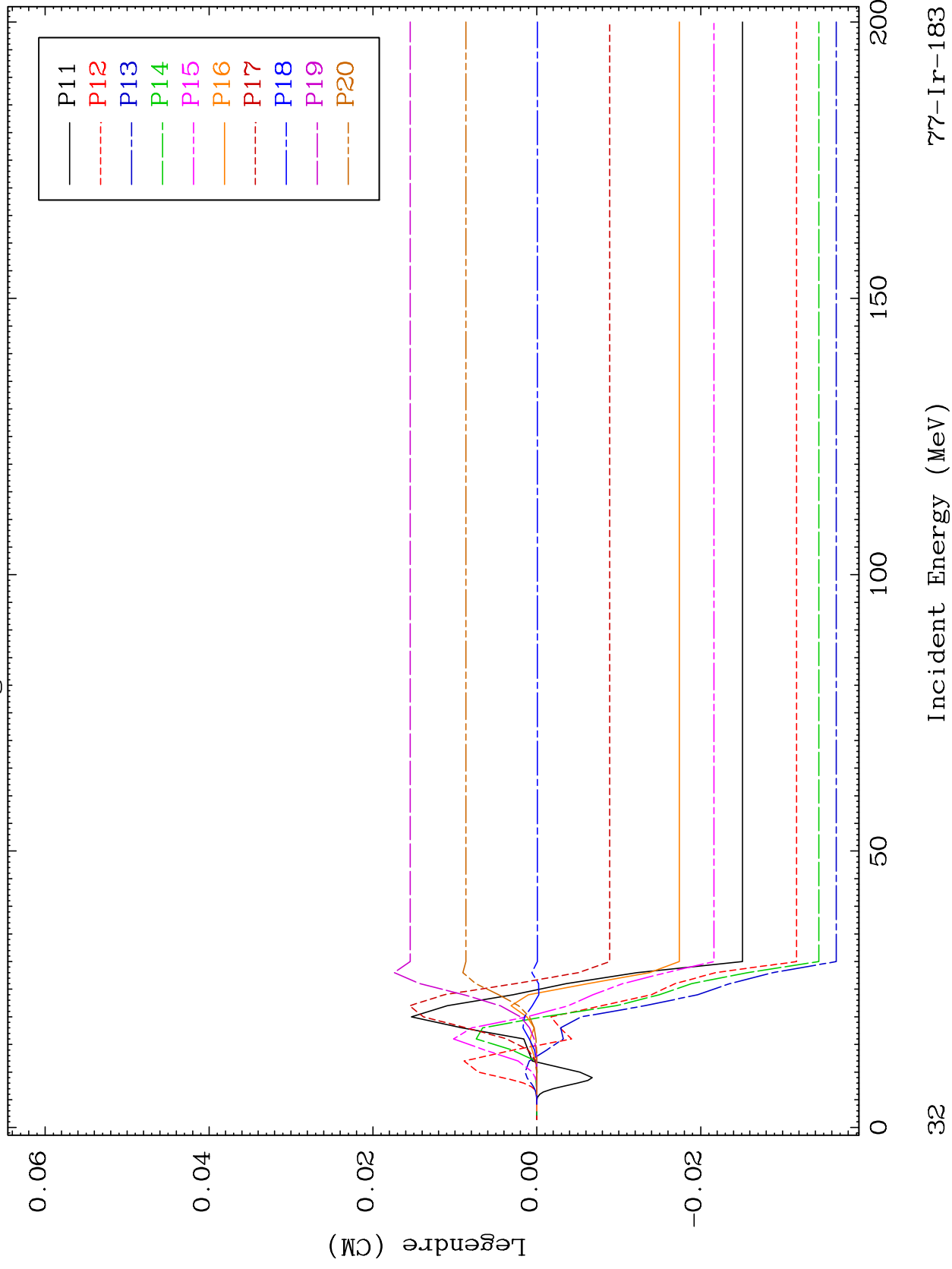




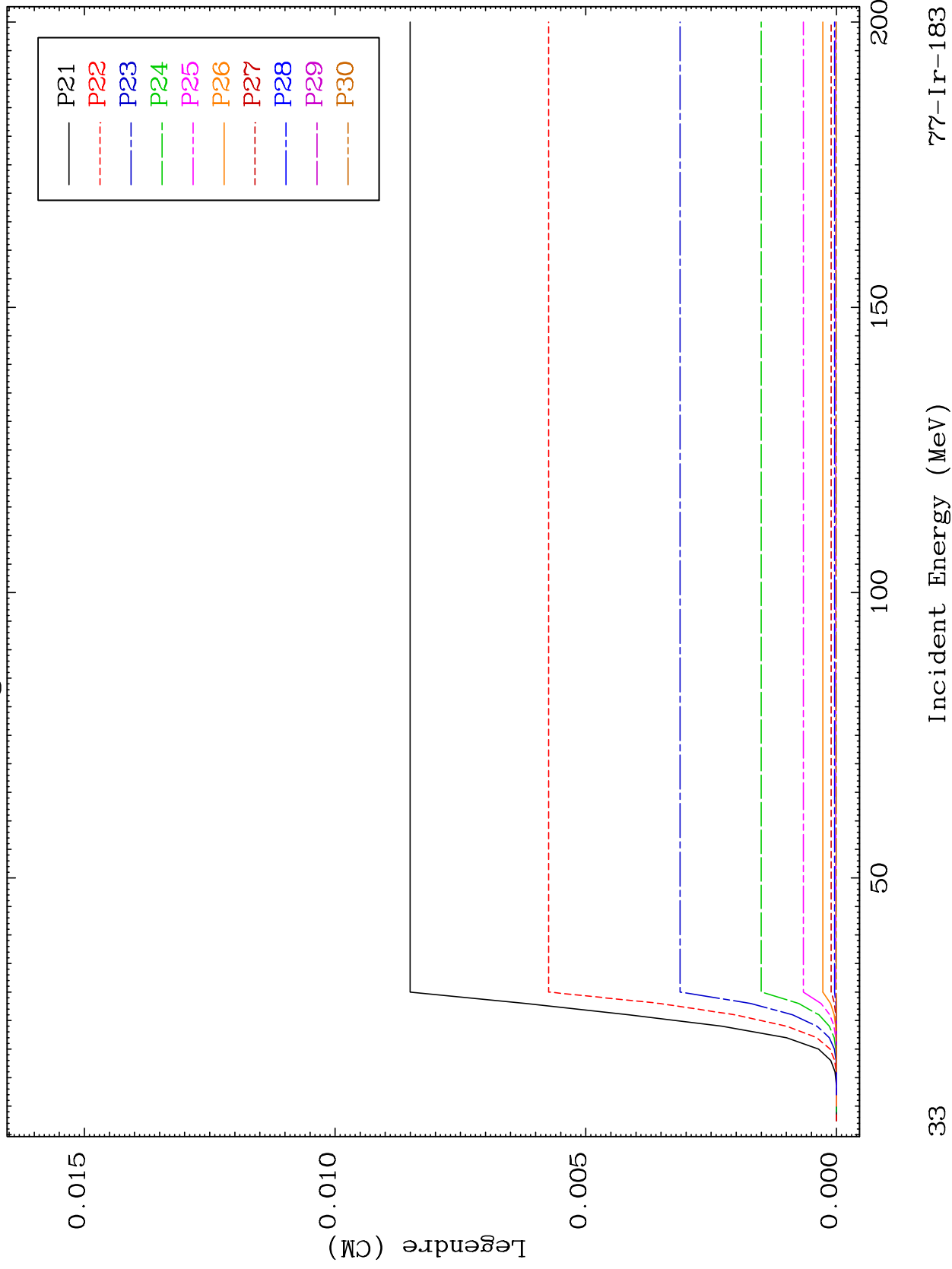
MAT 7701

307.6 keV (n,n') Level
Legendre Coefficients

77-Ir-183



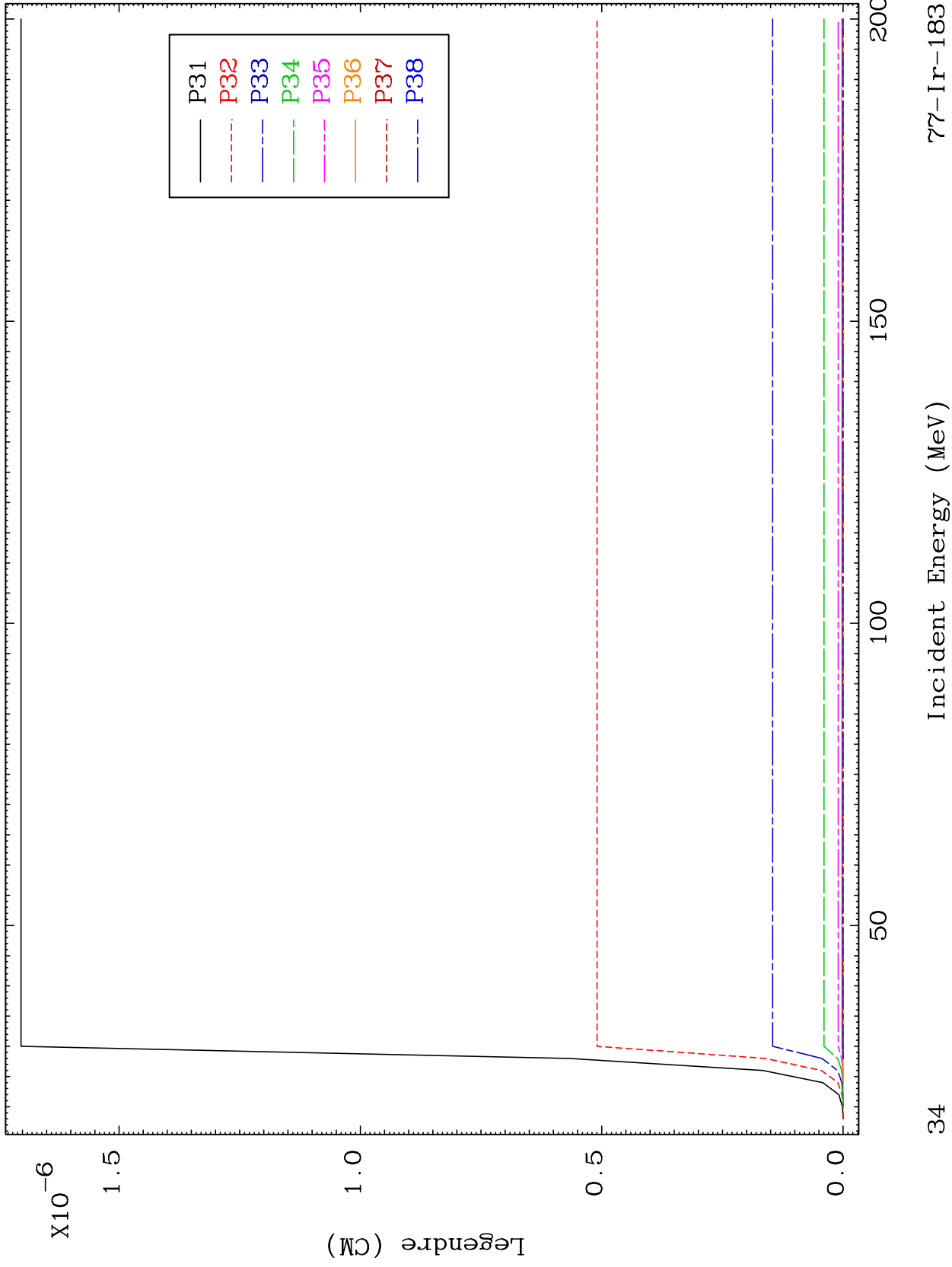
32



MAT 7701

307.6 keV (n,n') Level
Legendre Coefficients

77-Ir-183

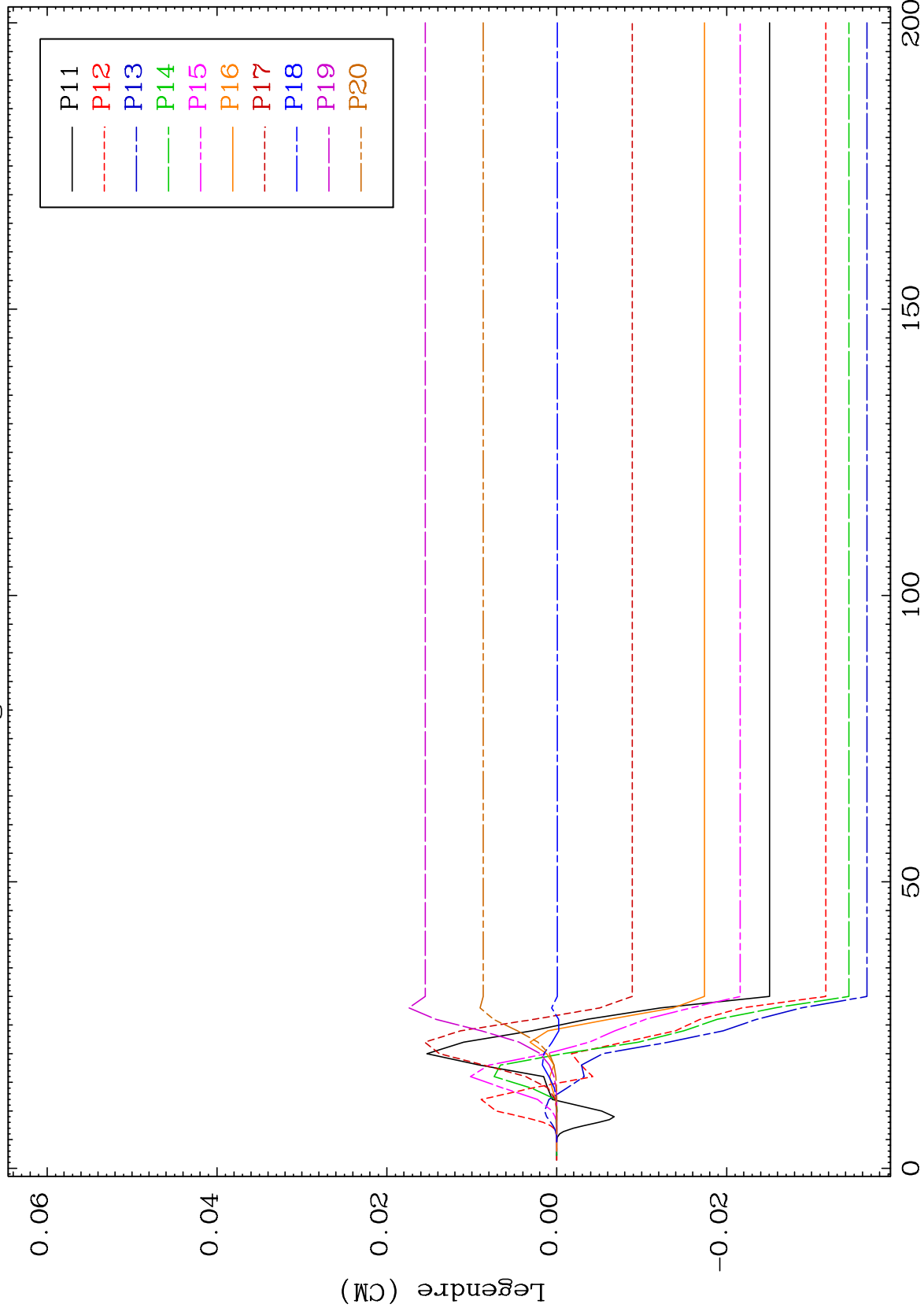


34

MAT 7701

328.8 keV (n,n') Level
Legendre Coefficients

77-Ir-183



36

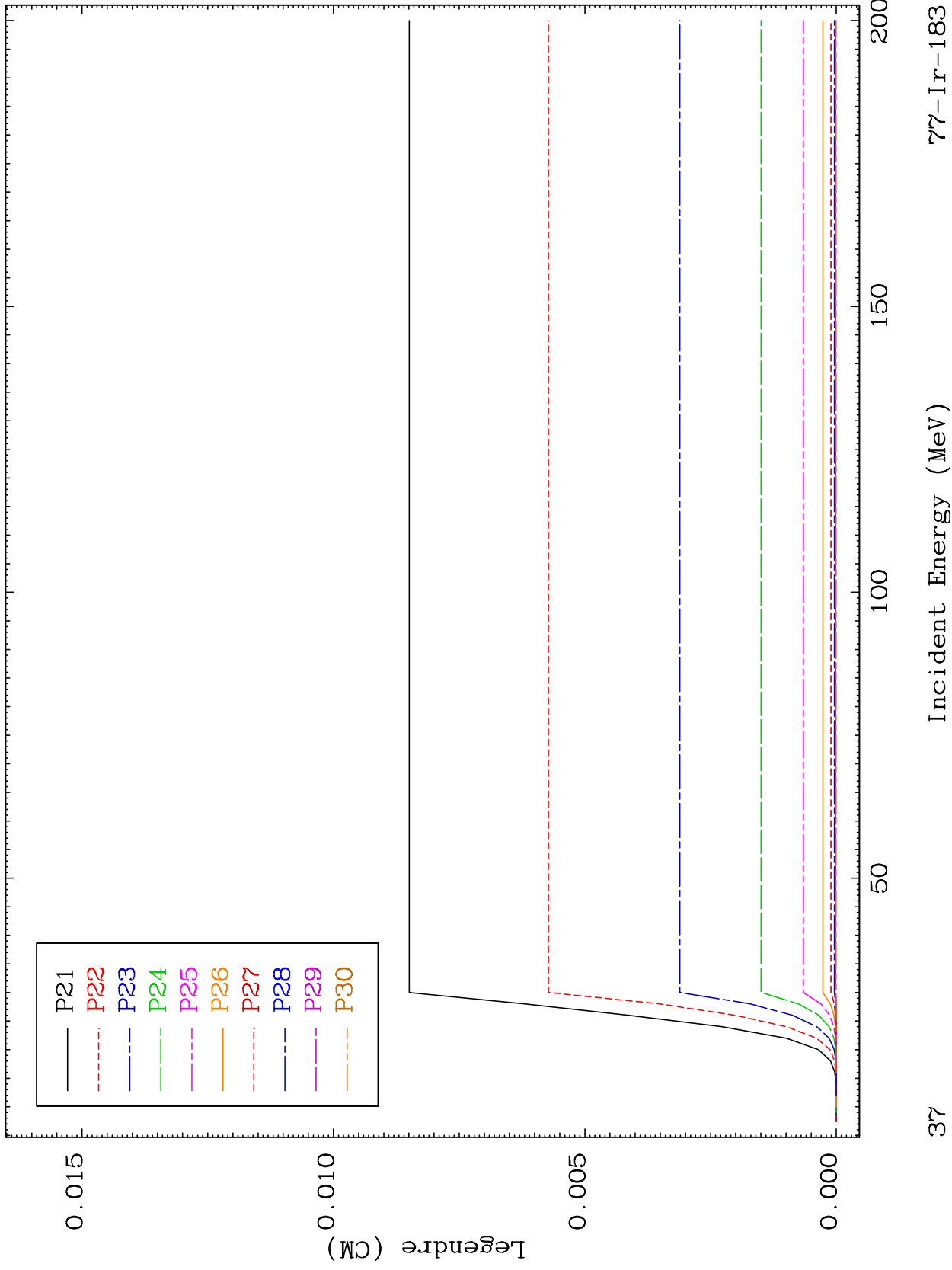
Incident Energy (MeV)

77-Ir-183

MAT 7701

328.8 keV (n,n') Level
Legendre Coefficients

77-Ir-183



37

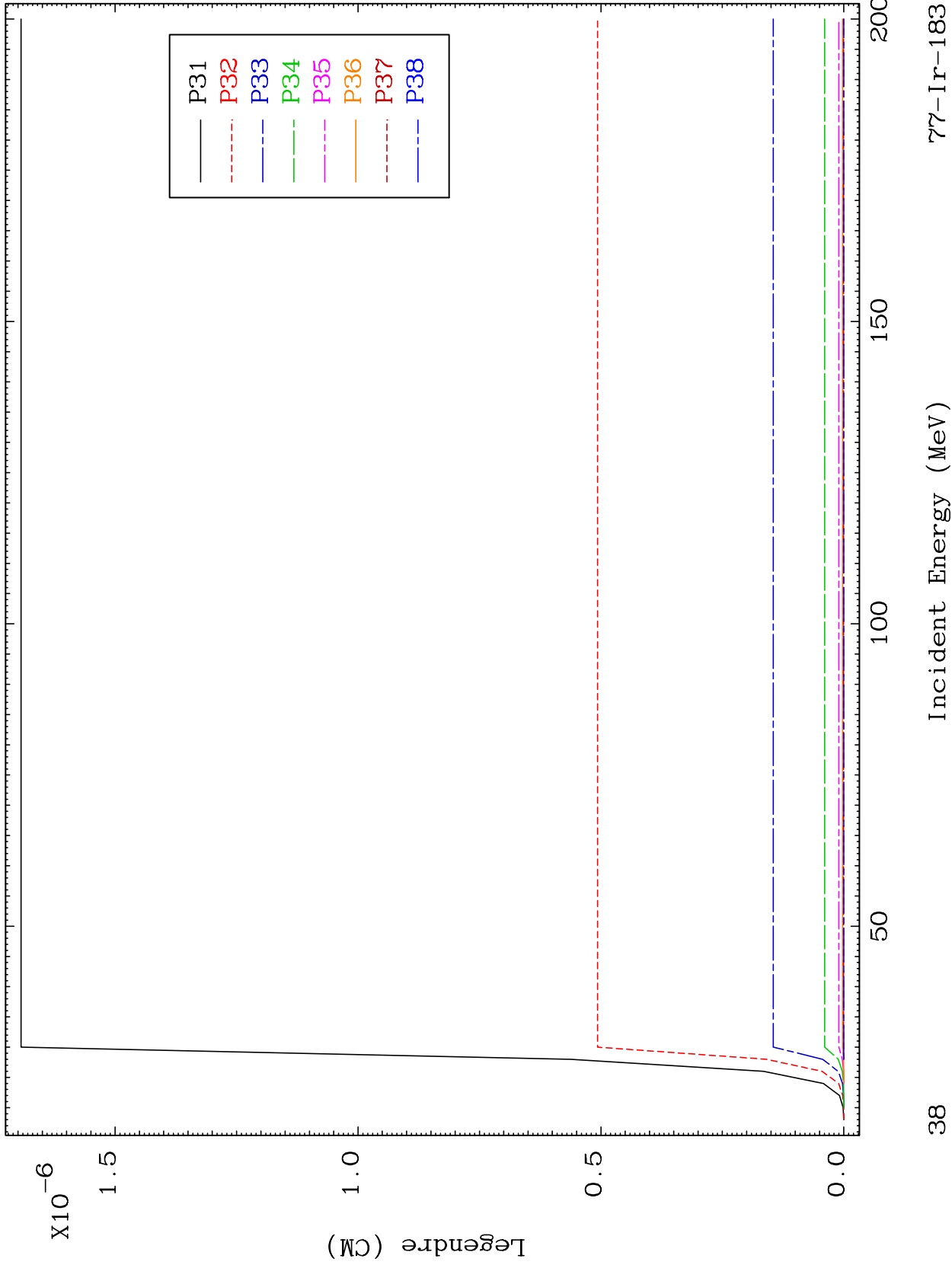
Incident Energy (MeV)

77-Ir-183

MAT 7701

328.8 keV (n,n') Level
Legendre Coefficients

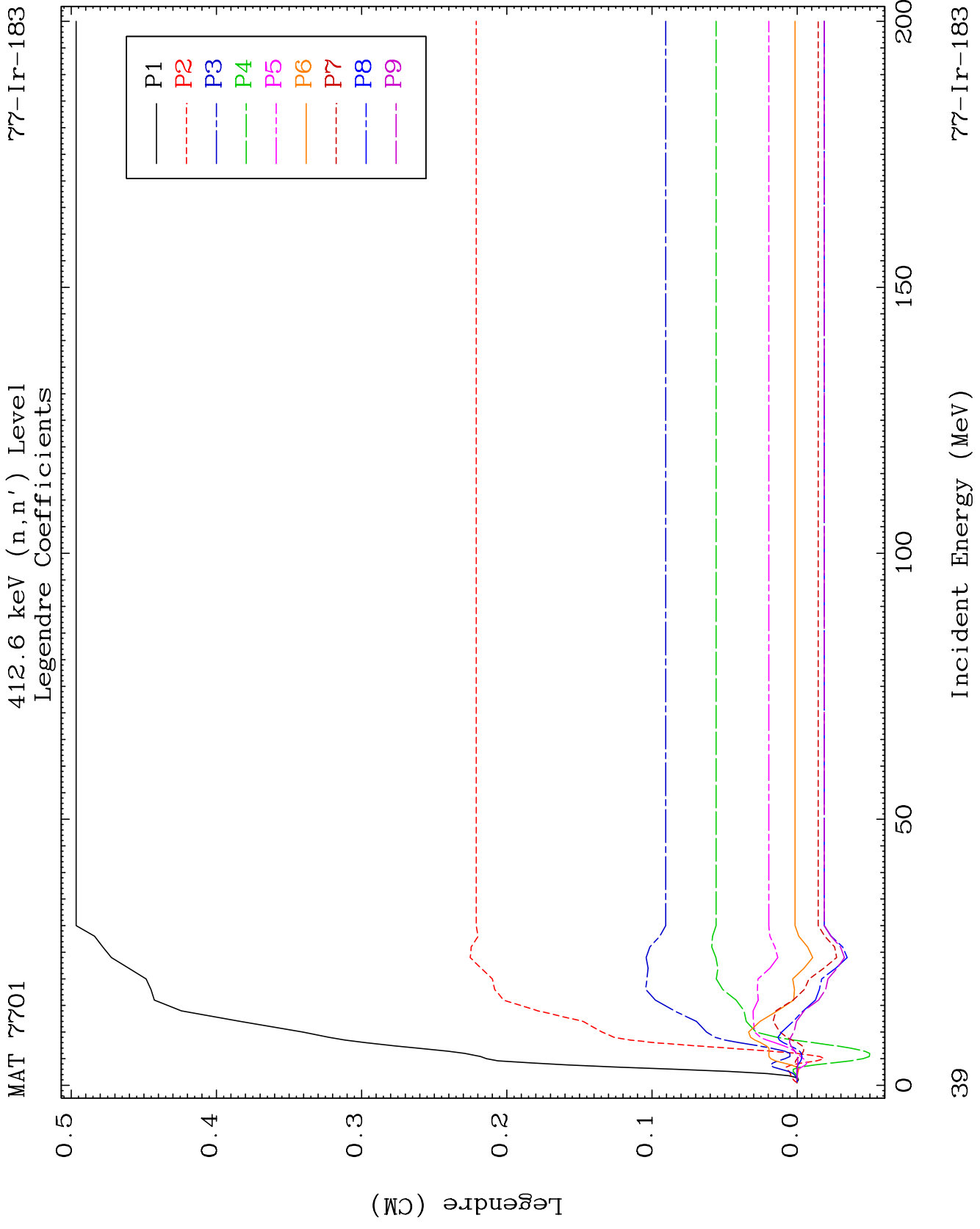
77-Ir-183



38

Incident Energy (MeV)

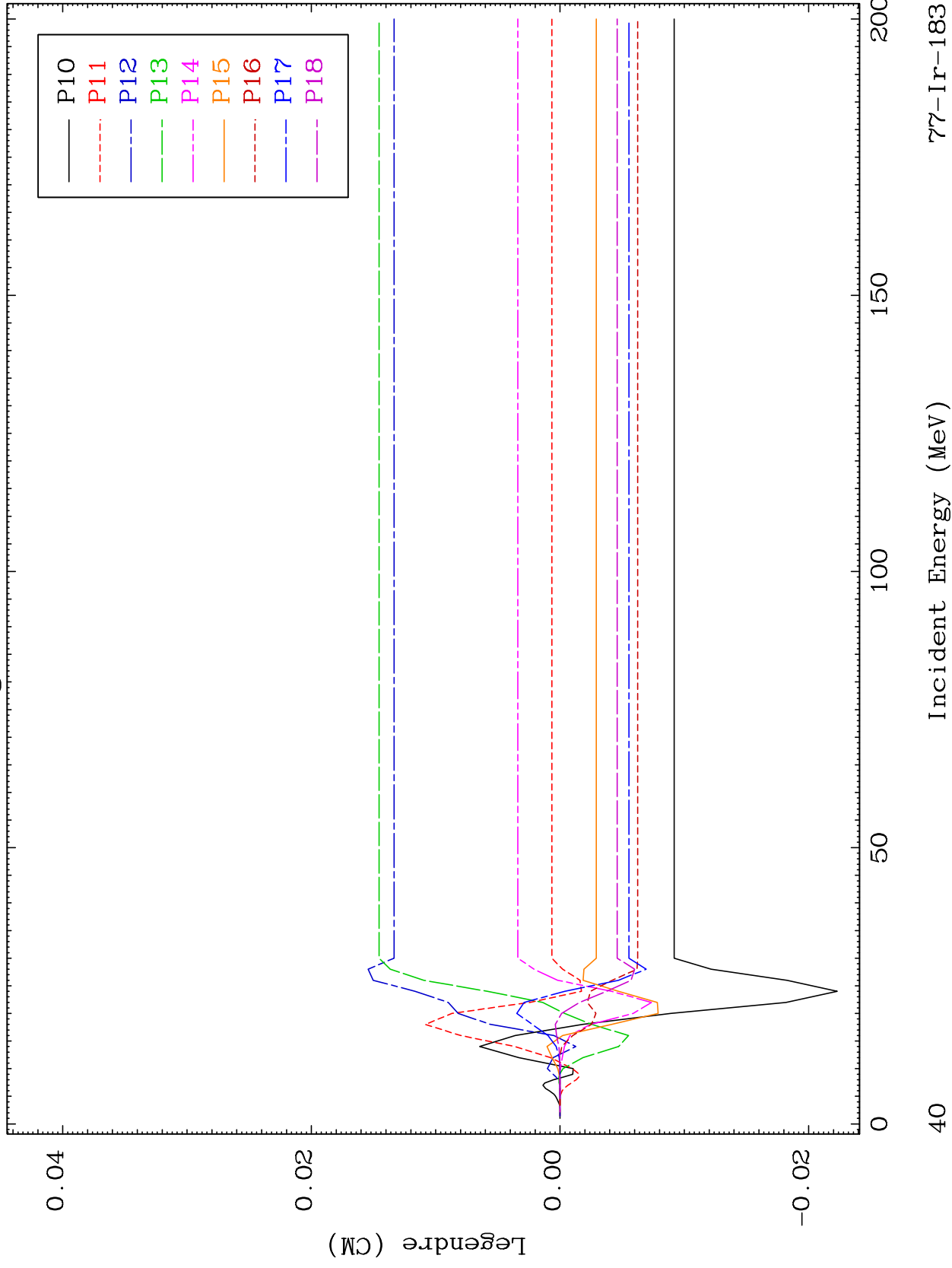
77-Ir-183



MAT 7701

412.6 keV (n,n') Level
Legendre Coefficients

77-Ir-183



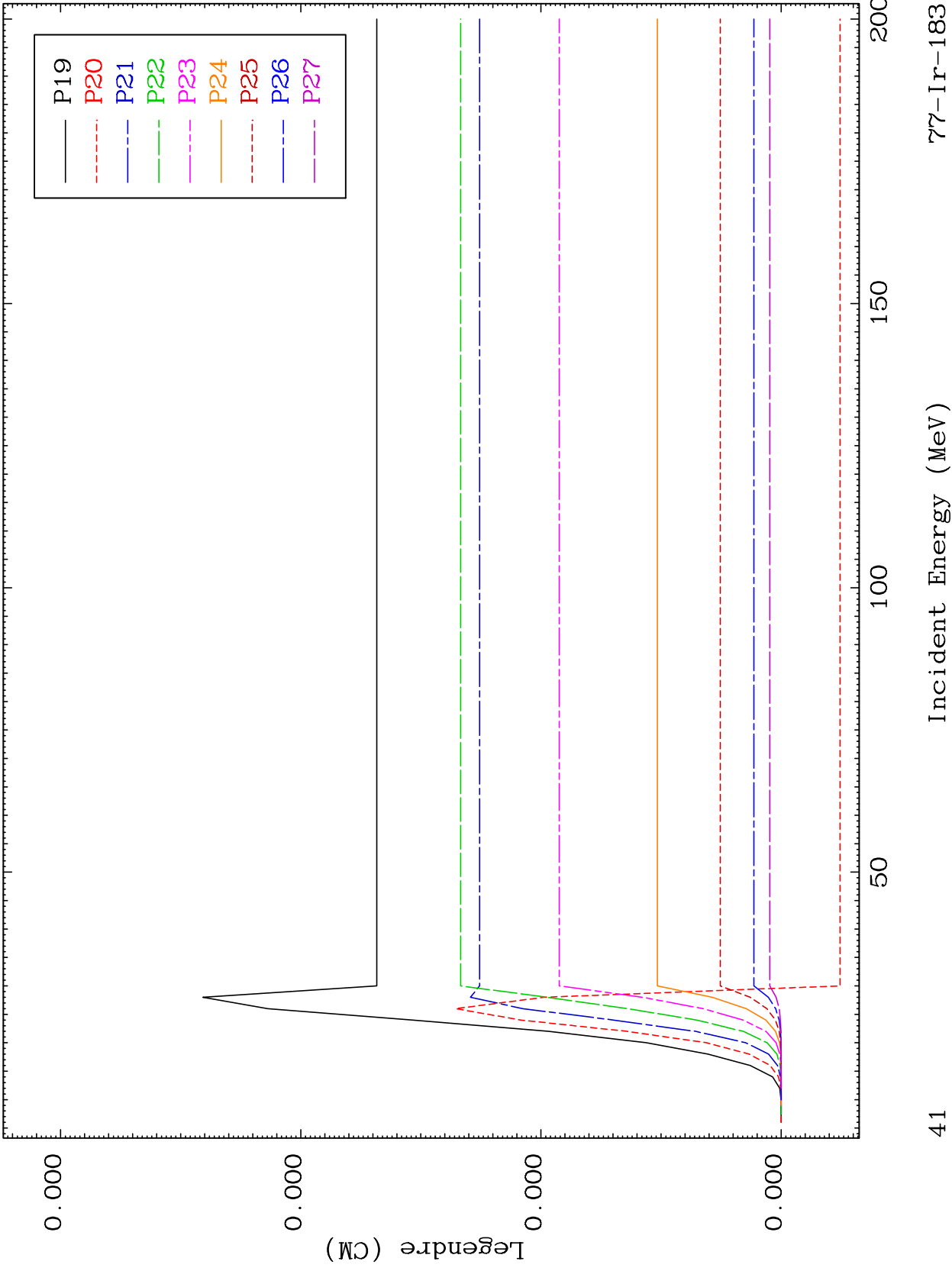
77-Ir-183

Incident Energy (MeV)

MAT 7701

412.6 keV (n,n') Level
Legendre Coefficients

77-Ir-183



41

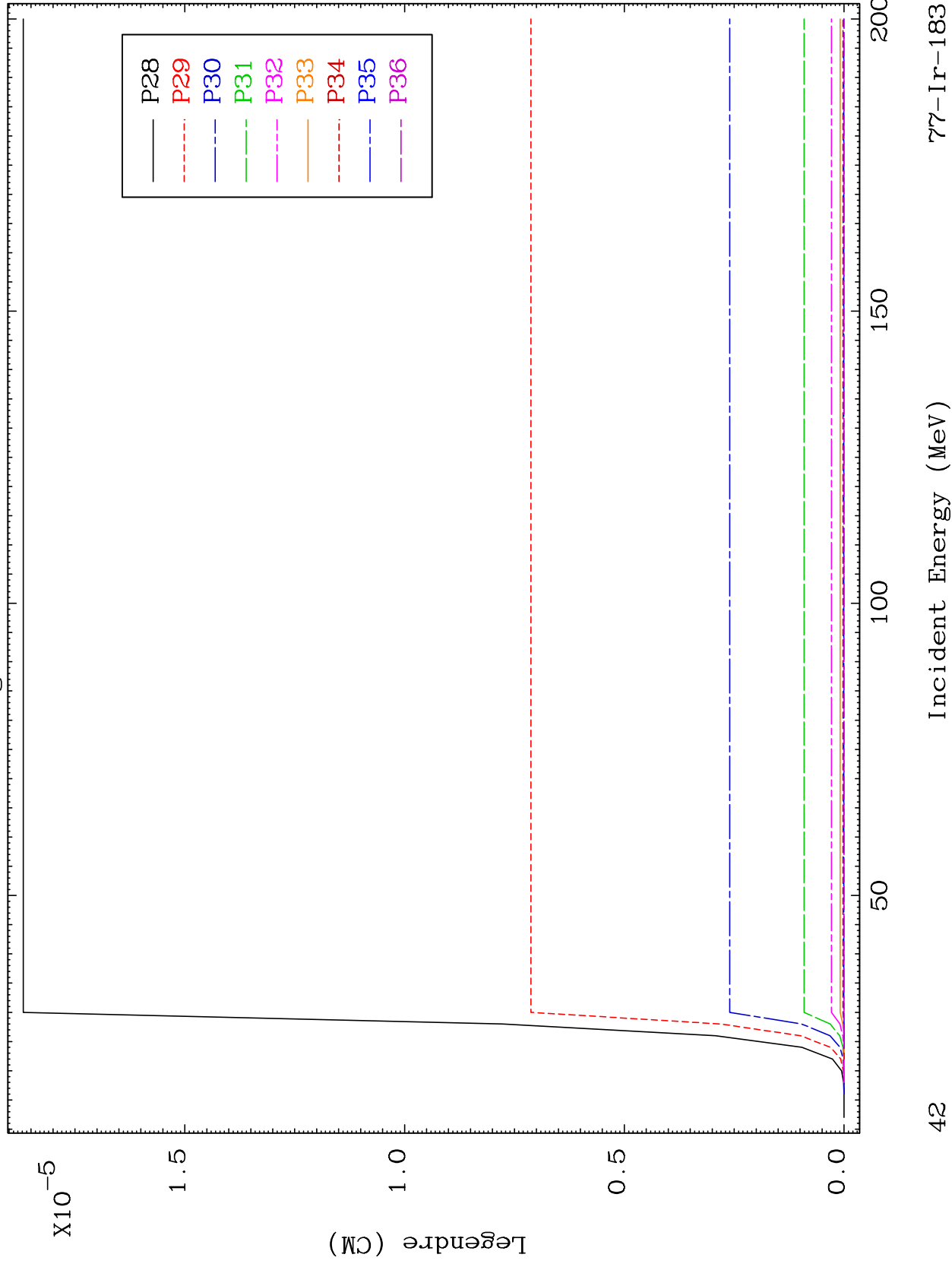
Incident Energy (MeV)

77-Ir-183

MAT 7701

412.6 keV (n,n') Level
Legendre Coefficients

77-Ir-183



42

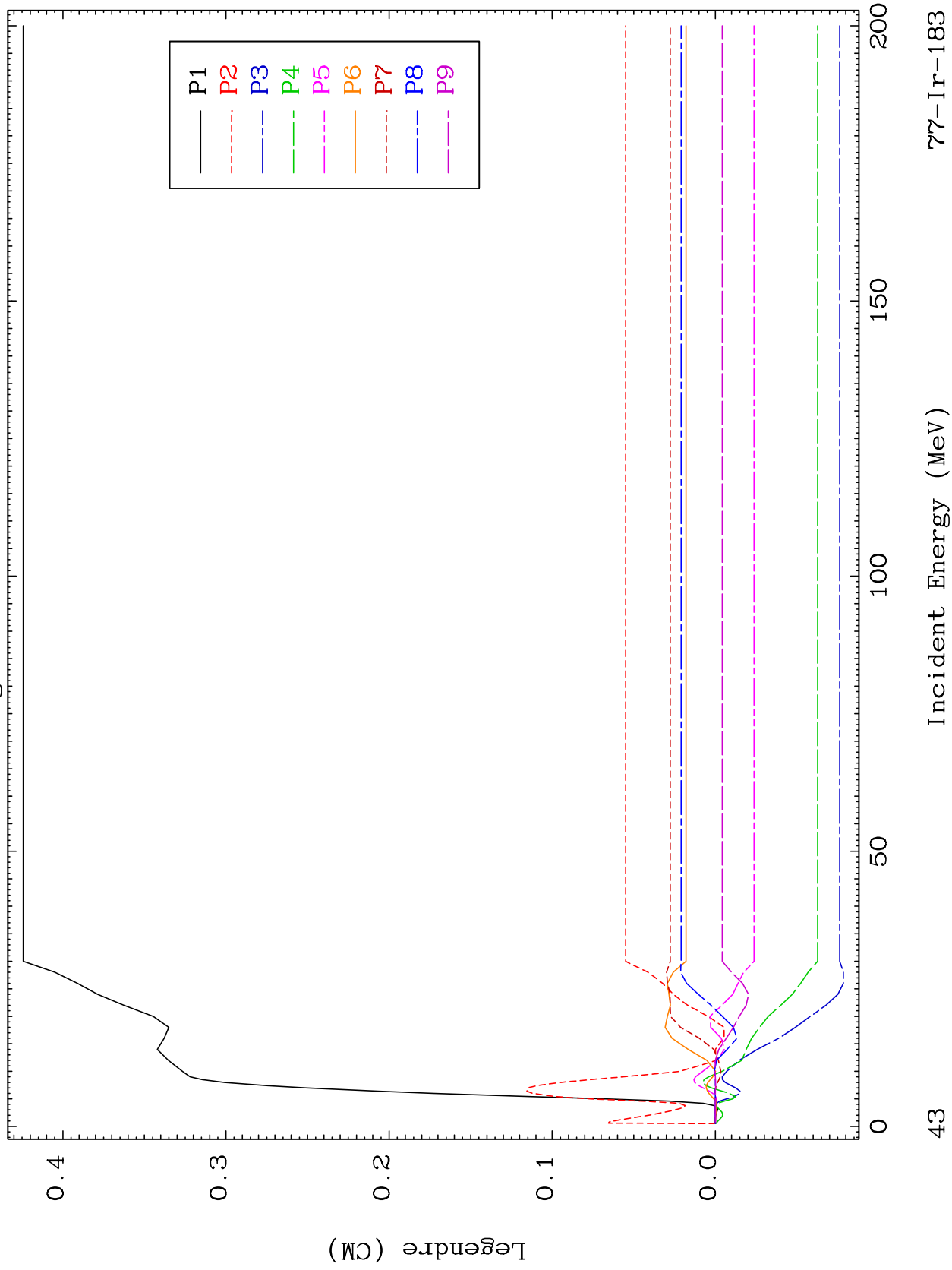
Incident Energy (MeV)

77-Ir-183

MAT 7701

494.0 keV (n, n') Level
Legendre Coefficients

77-Ir-183



77-Ir-183

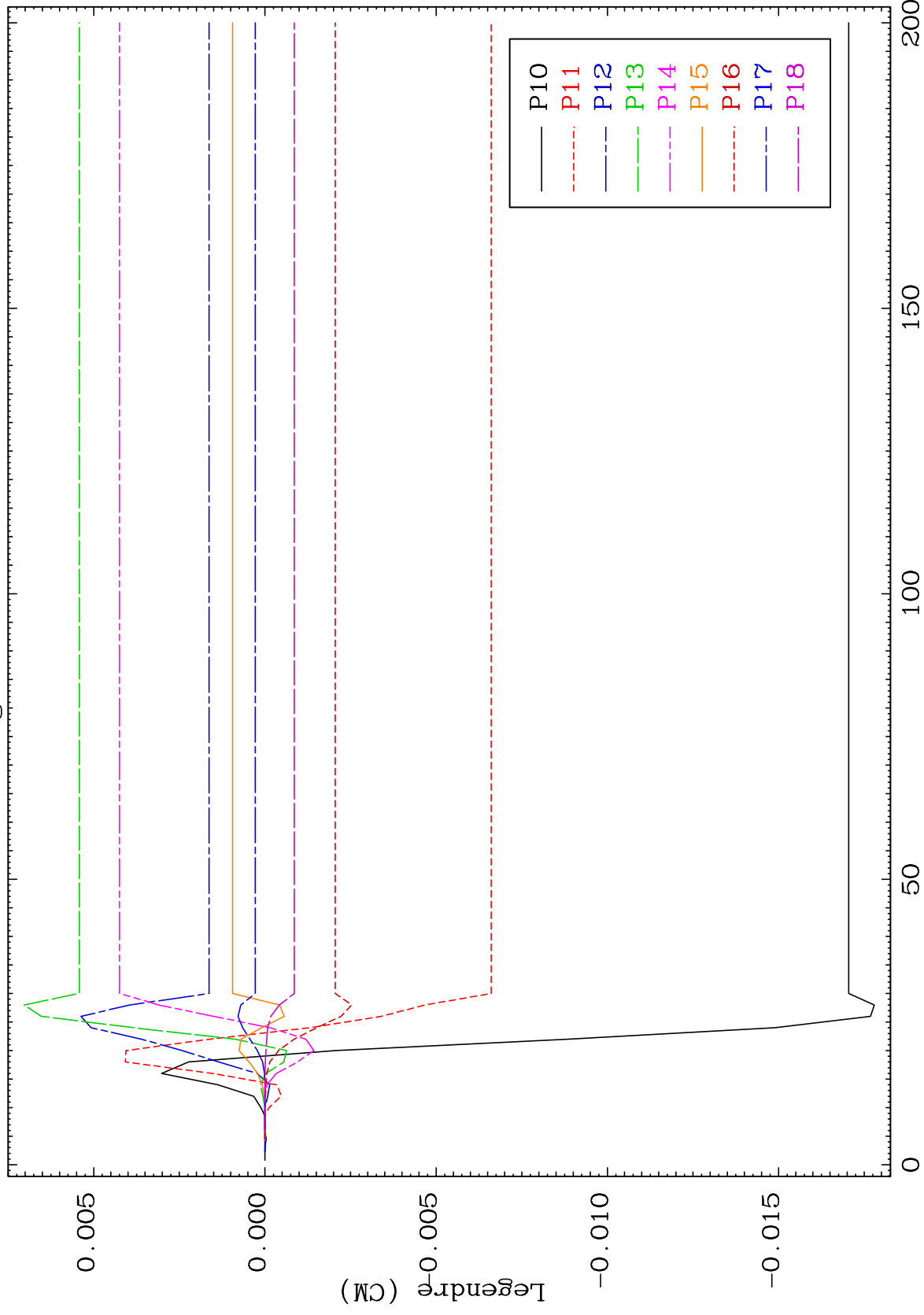
Incident Energy (MeV)

43

MAT 7701

494.0 keV (n,n') Level
Legendre Coefficients

77-Ir-183



44

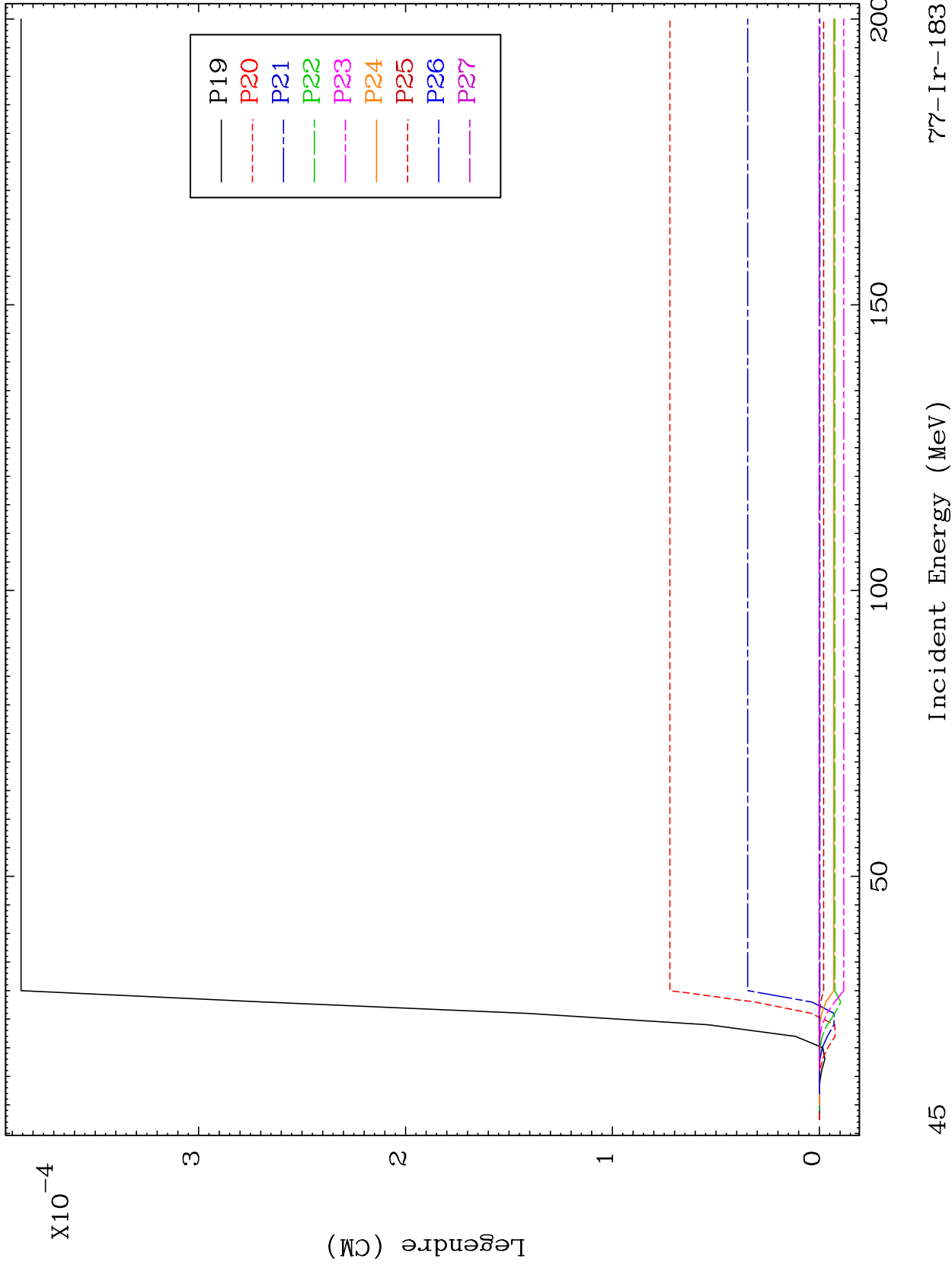
Incident Energy (MeV)

77-Ir-183

MAT 7701

494.0 keV (n,n') Level
Legendre Coefficients

77-Ir-183



77-Ir-183

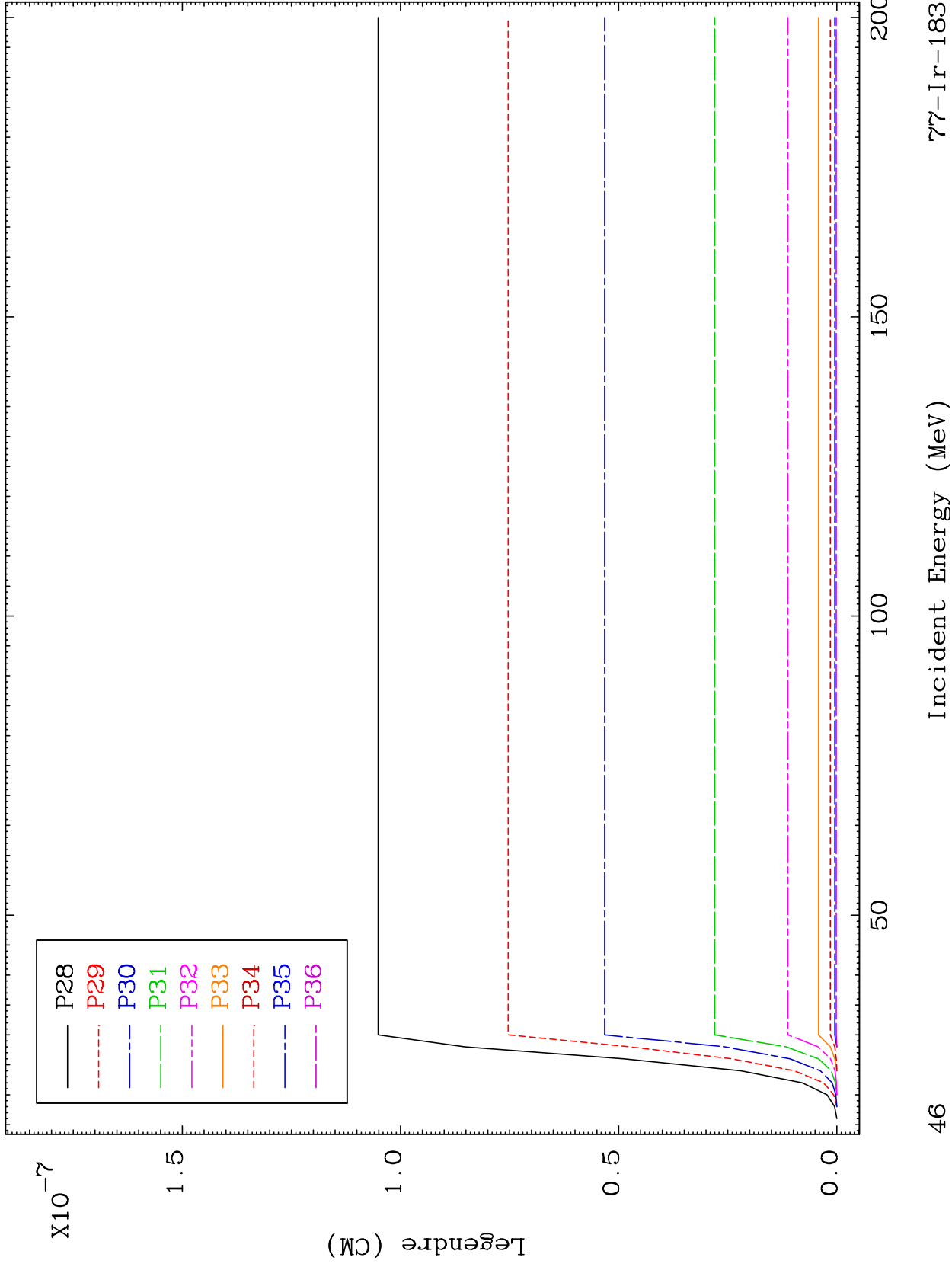
Incident Energy (MeV)

45

MAT 7701

494.0 keV (n,n') Level
Legendre Coefficients

77-Ir-183



46

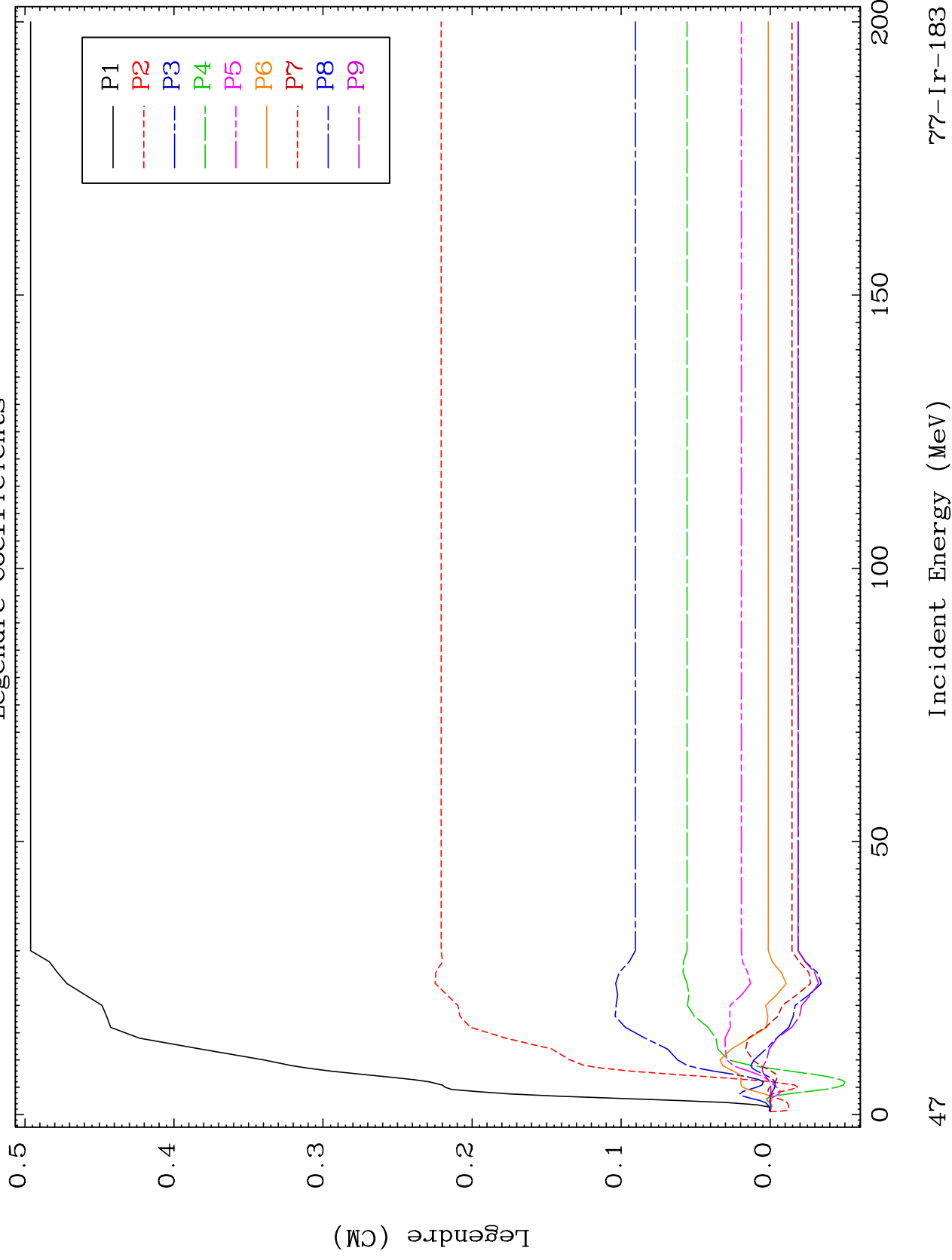
Incident Energy (MeV)

77-Ir-183

MAT 7701

542.6 keV (n,n') Level
Legendre Coefficients

⁷⁷Ir-183



⁷⁷Ir-183

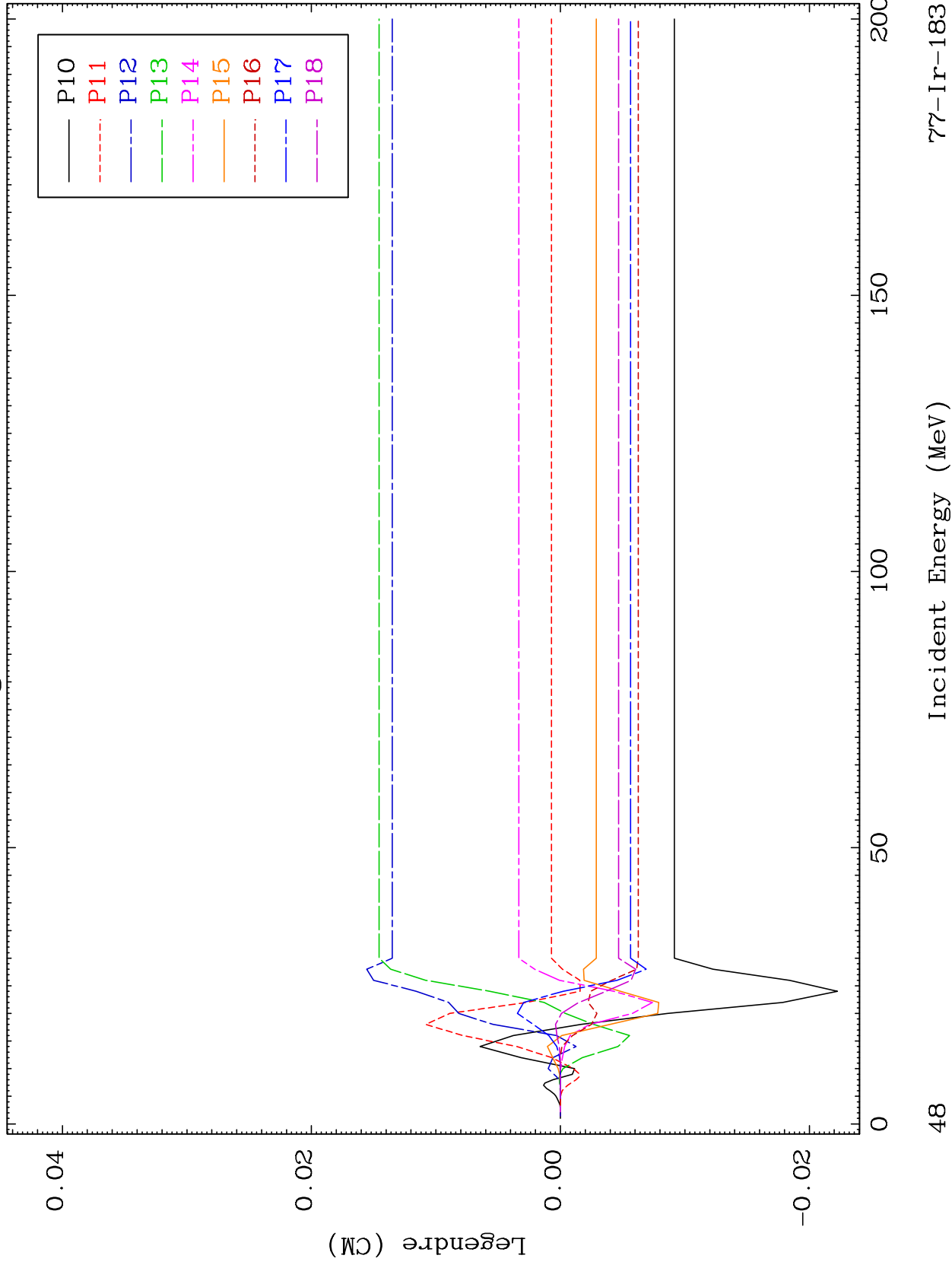
Incident Energy (MeV)

47

MAT 7701

542.6 keV (n,n') Level
Legendre Coefficients

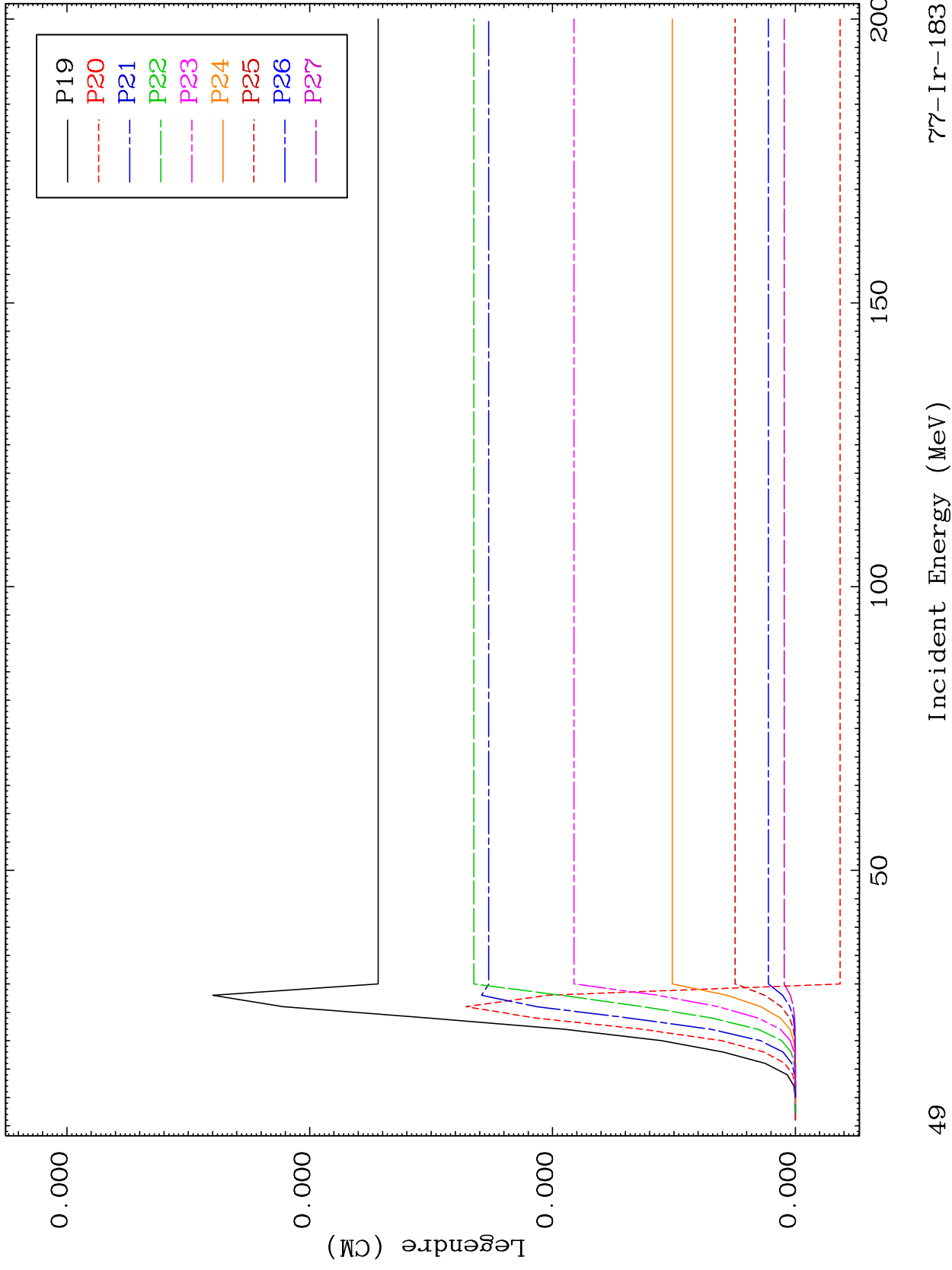
77-Ir-183



77-Ir-183

Incident Energy (MeV)

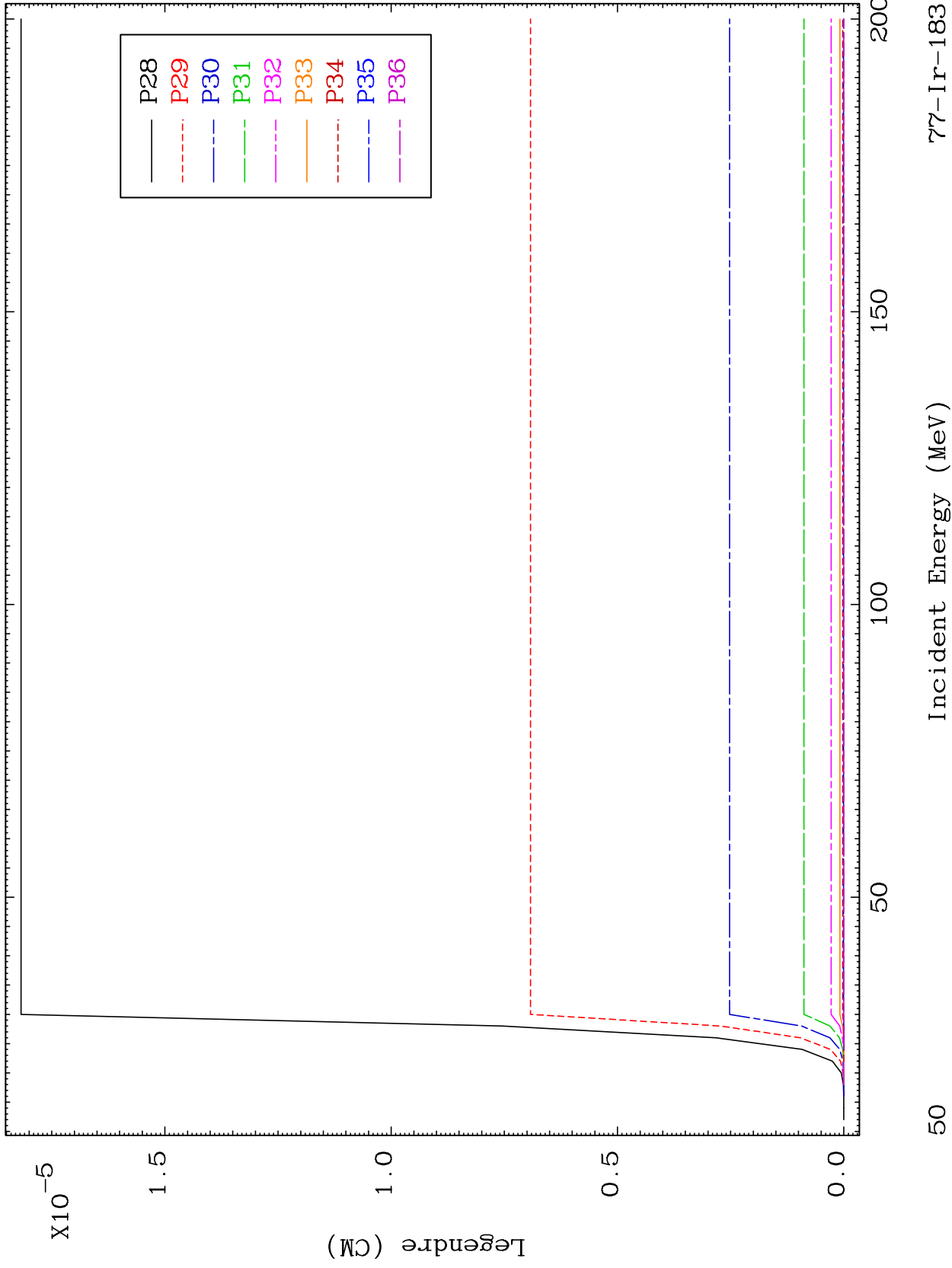
48

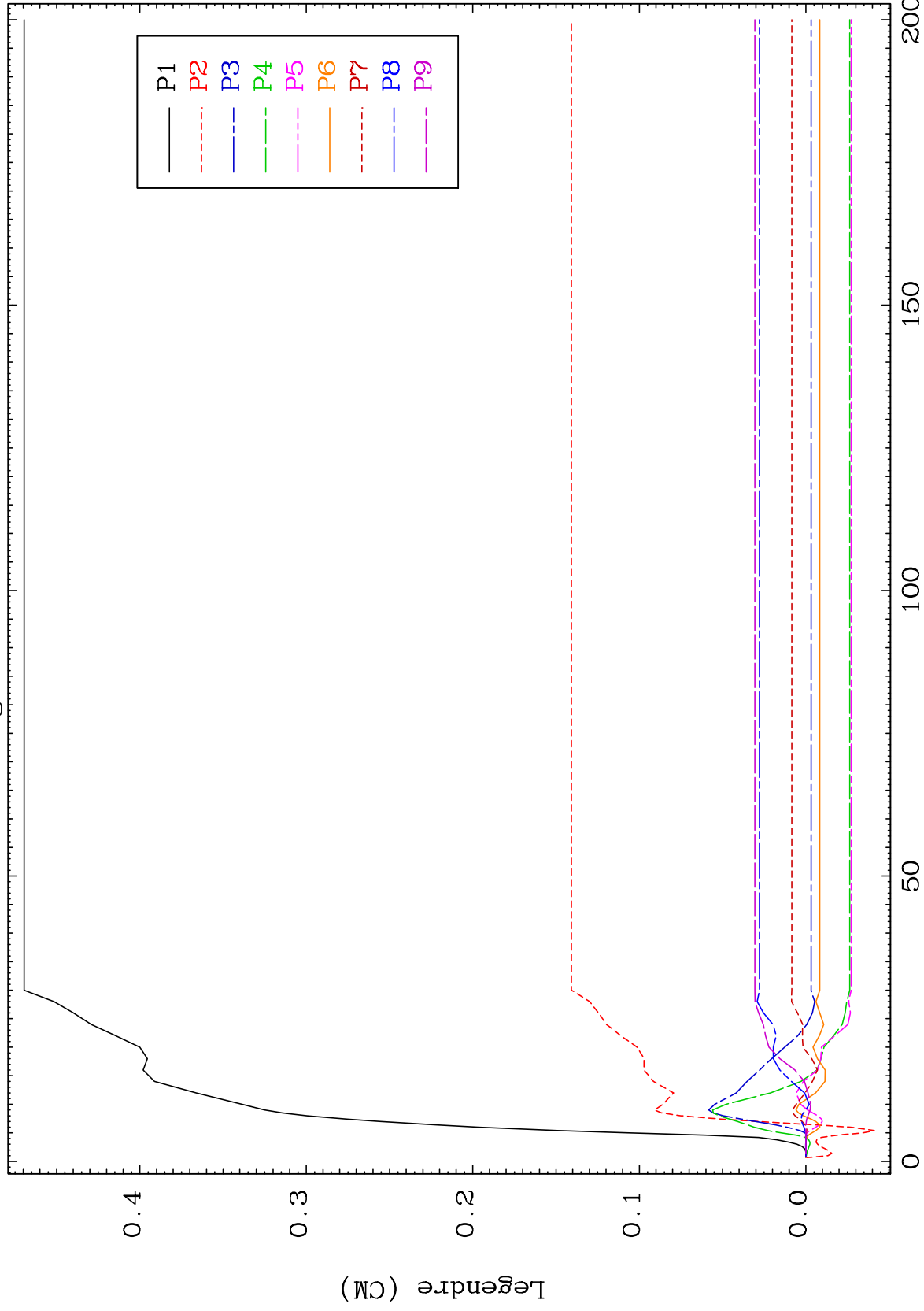


MAT 7701

542.6 keV (n, n') Level
Legendre Coefficients

77-Ir-183

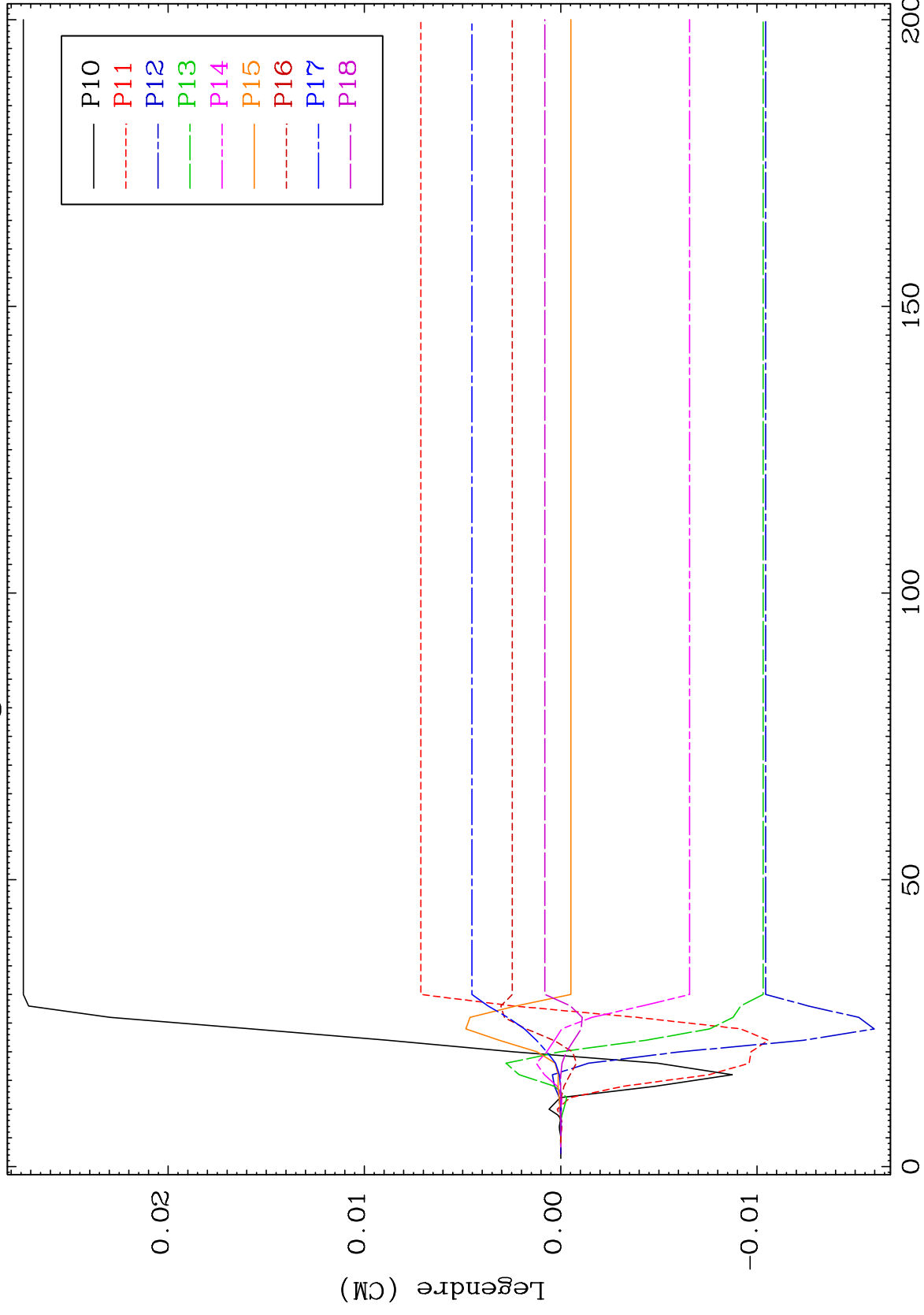




MAT 7701

645.5 keV (n,n') Level
Legendre Coefficients

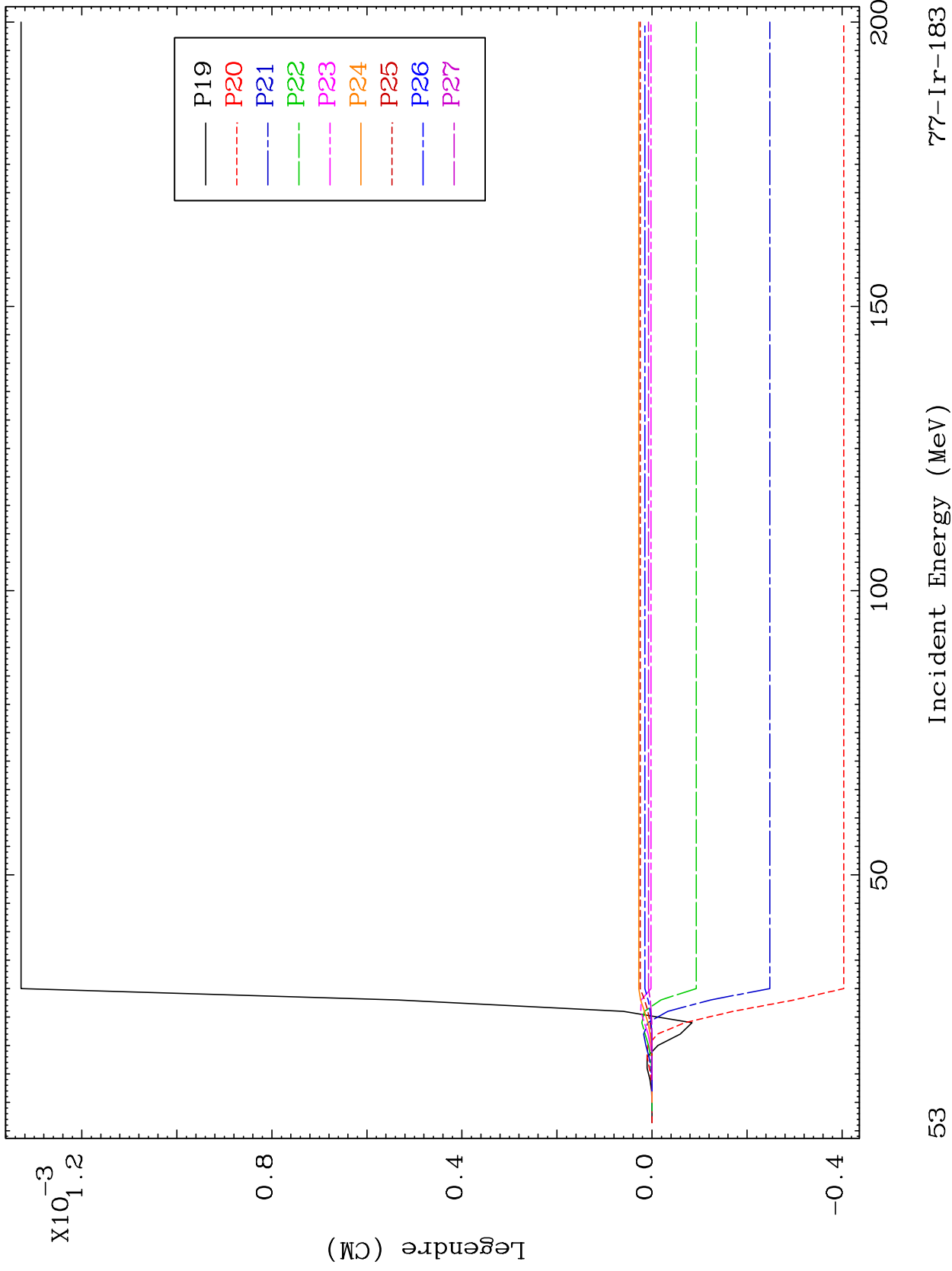
77-Ir-183



52

Incident Energy (MeV)

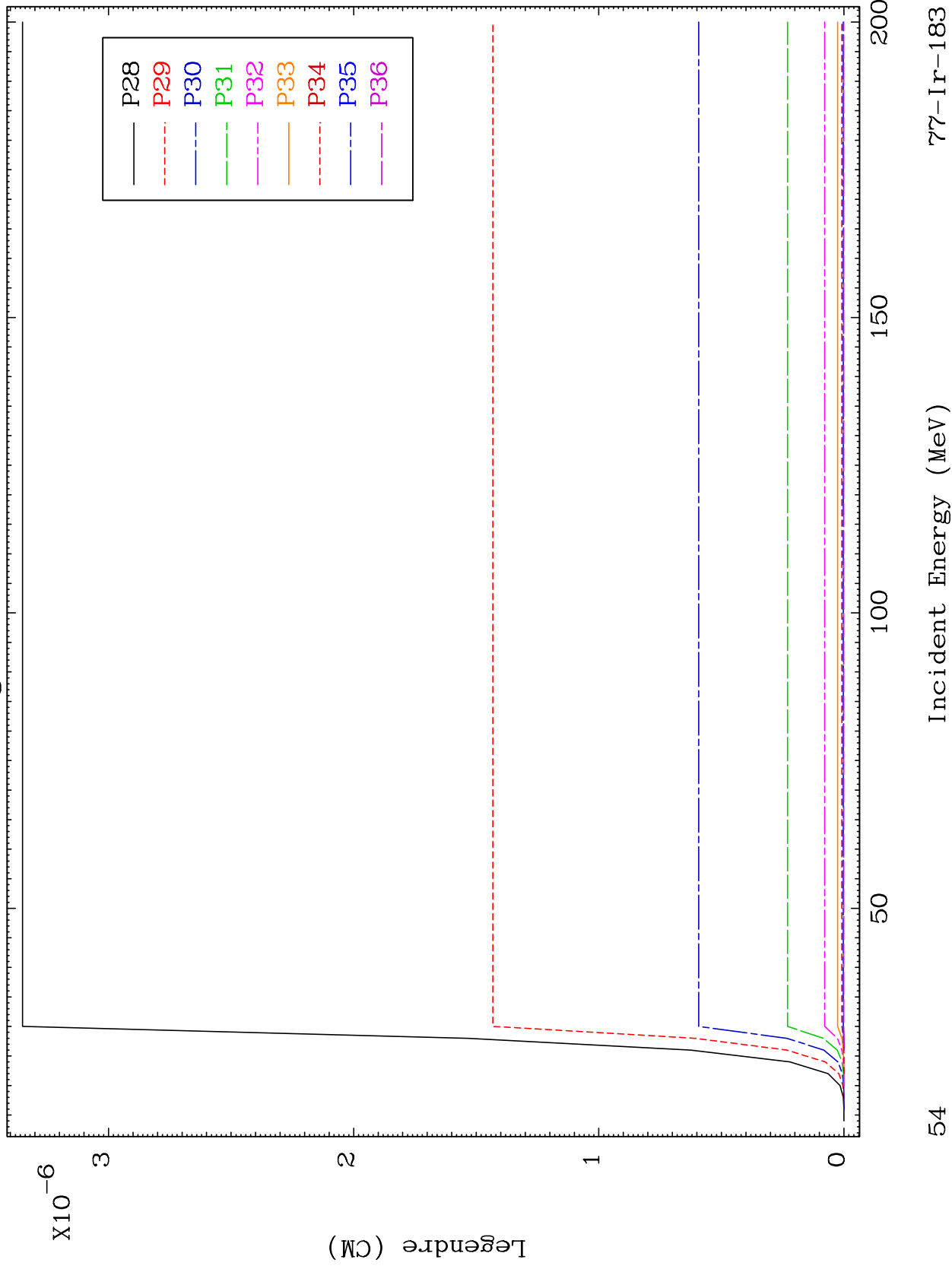
77-Ir-183



MAT 7701

645.5 keV (n, n') Level Legendre Coefficients

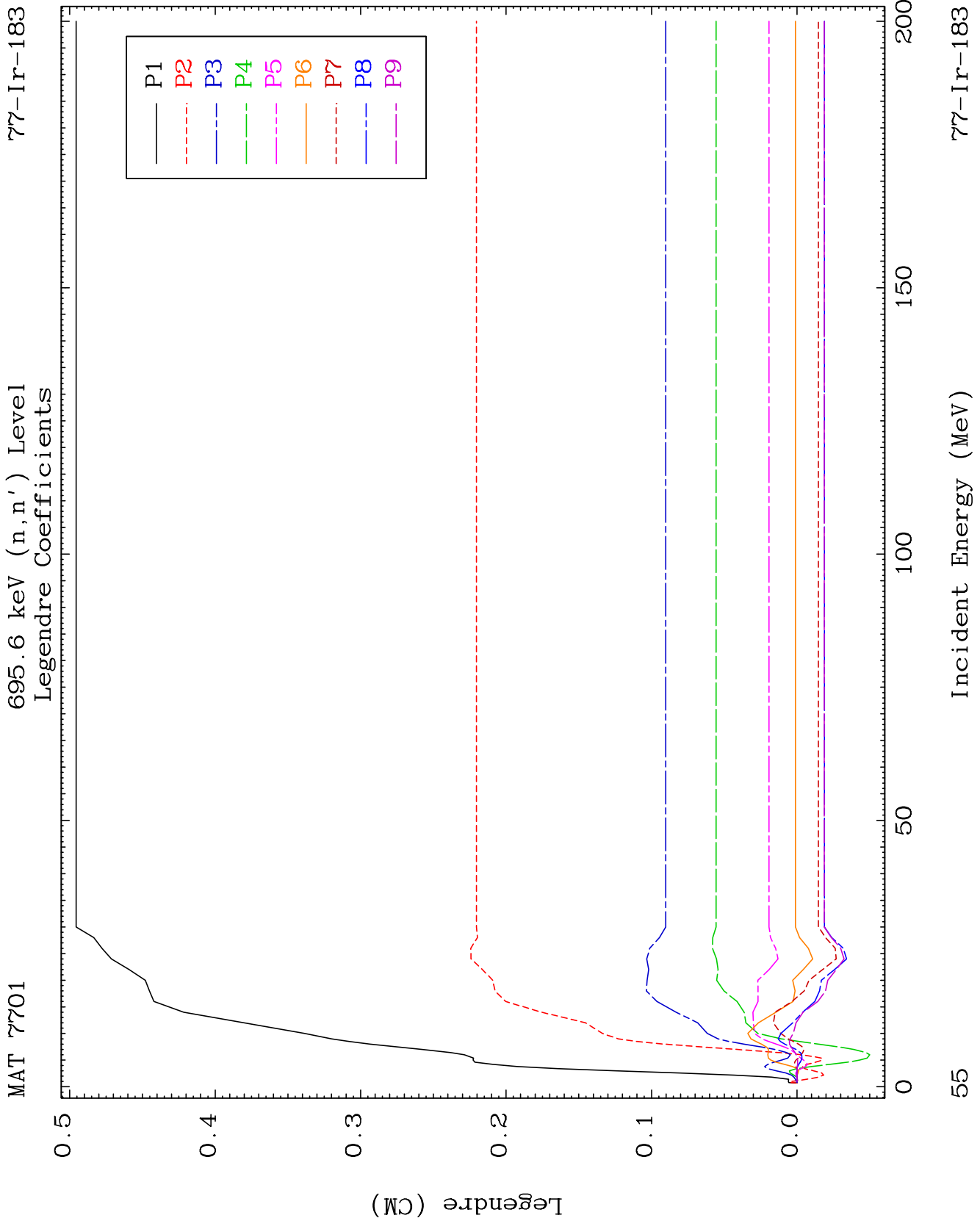
⁷⁷Ir-183



54

Incident Energy (MeV)

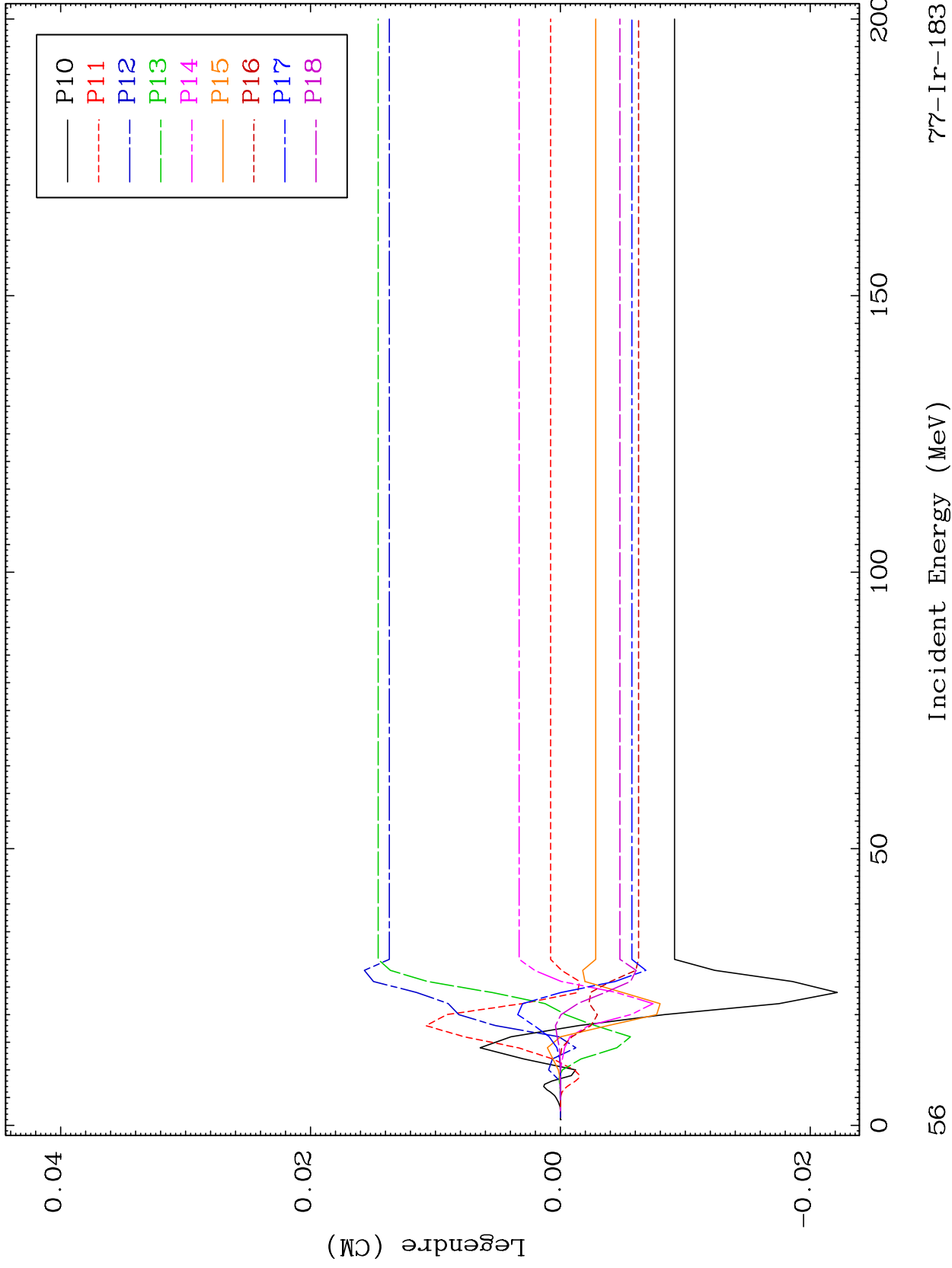
⁷⁷Ir-183



MAT 7701

695.6 keV (n,n') Level
Legendre Coefficients

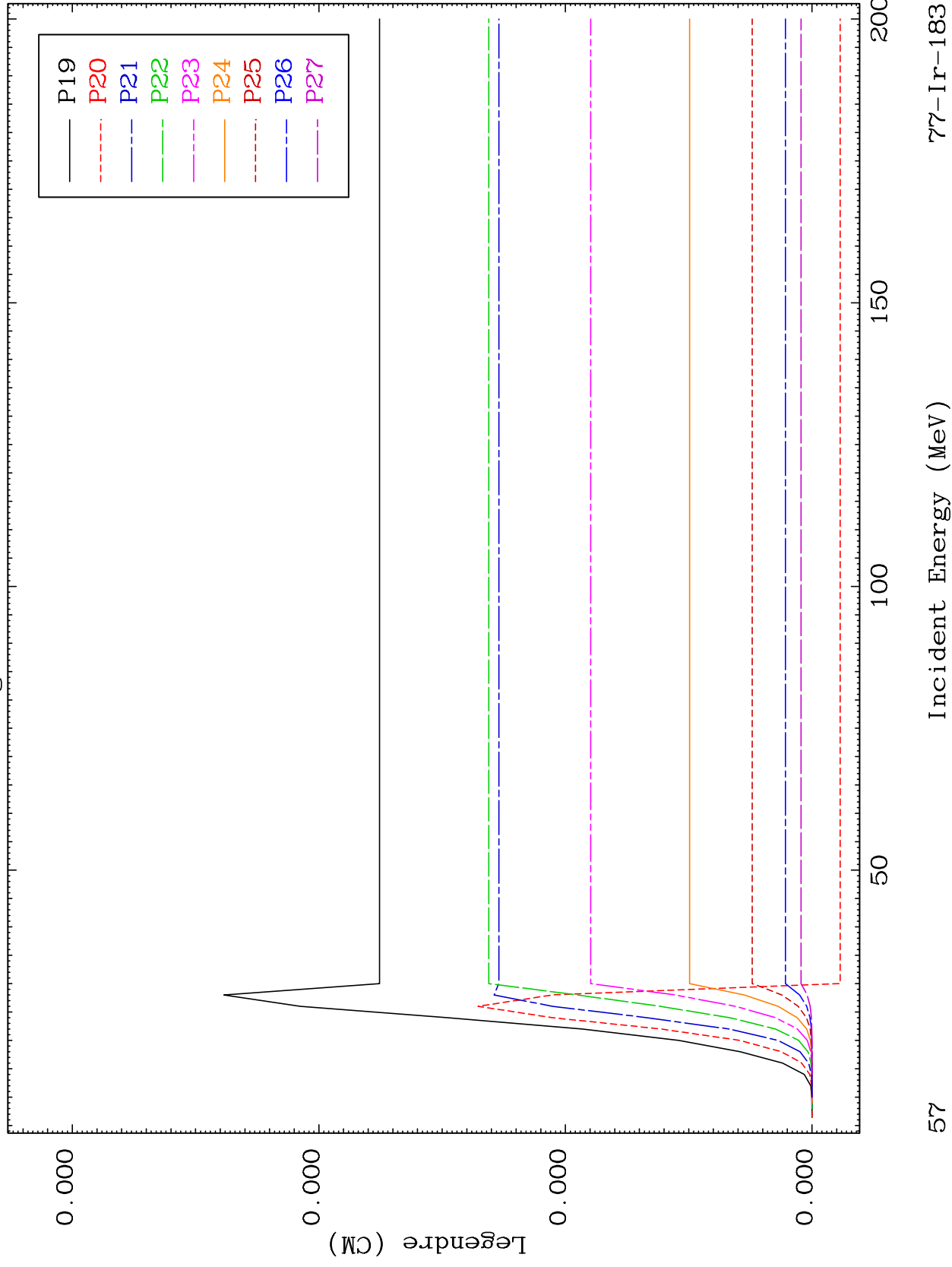
77-Ir-183



77-Ir-183

Incident Energy (MeV)

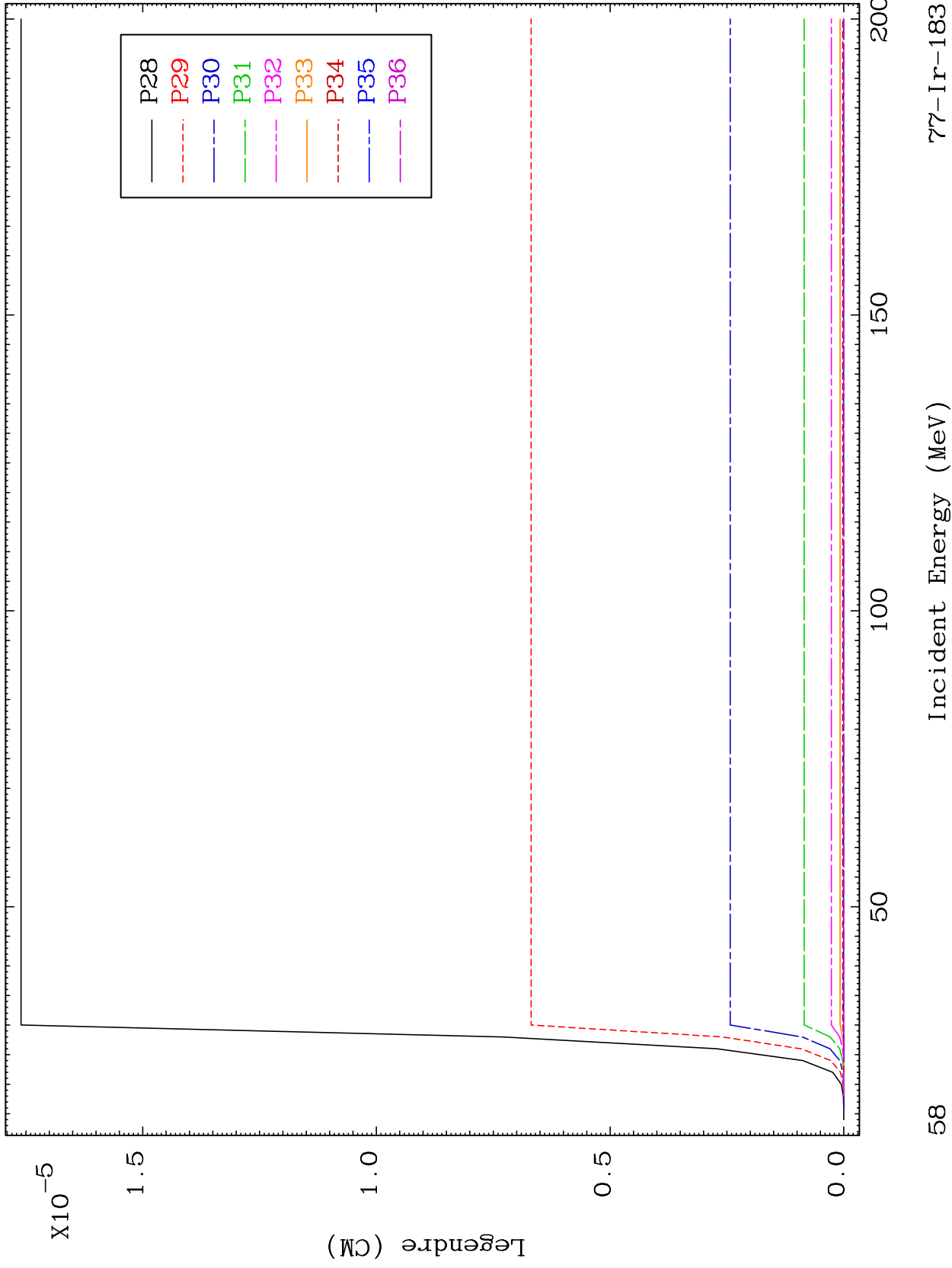
56



MAT 7701

695.6 keV (n,n') Level
Legendre Coefficients

77-Ir-183



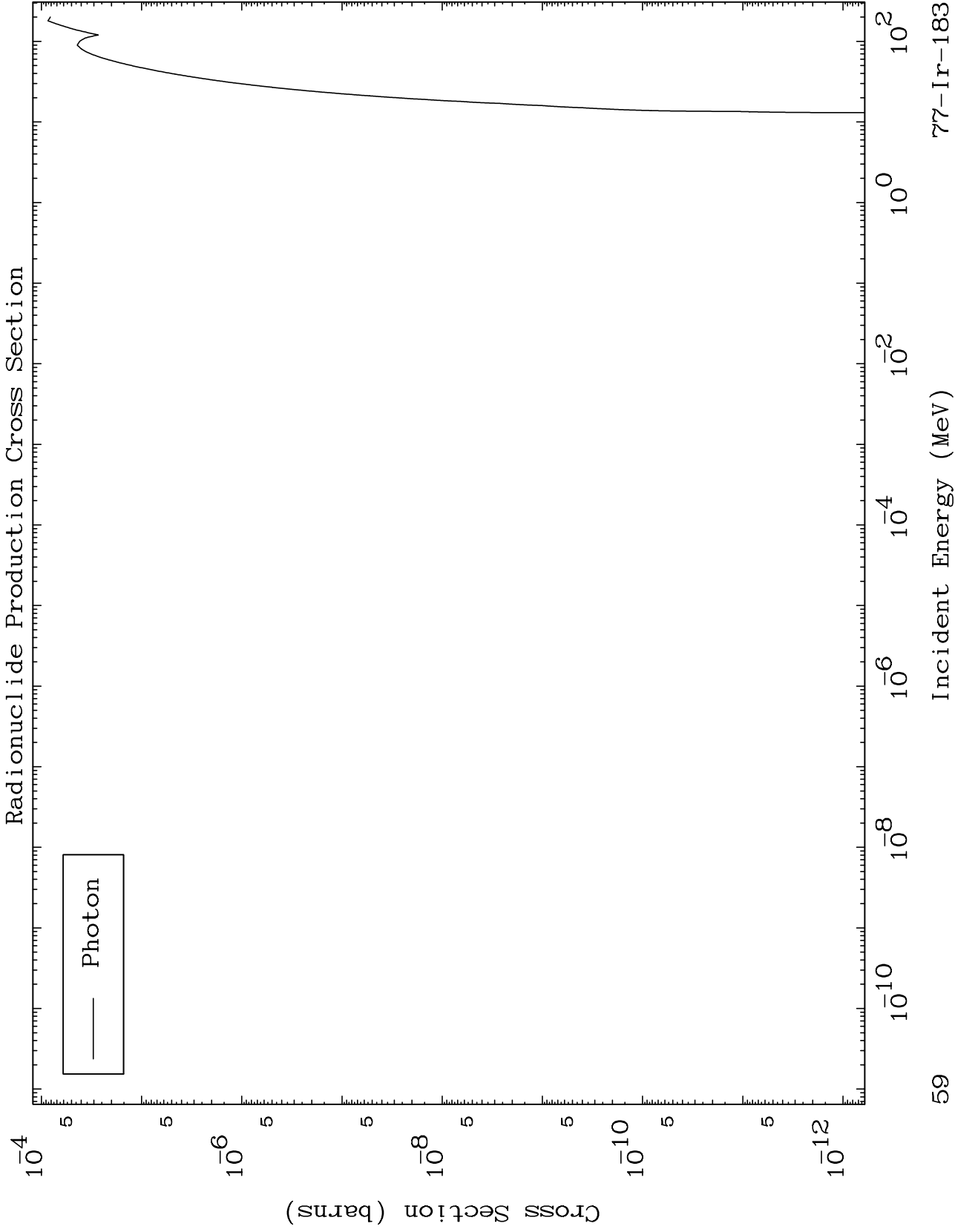
58

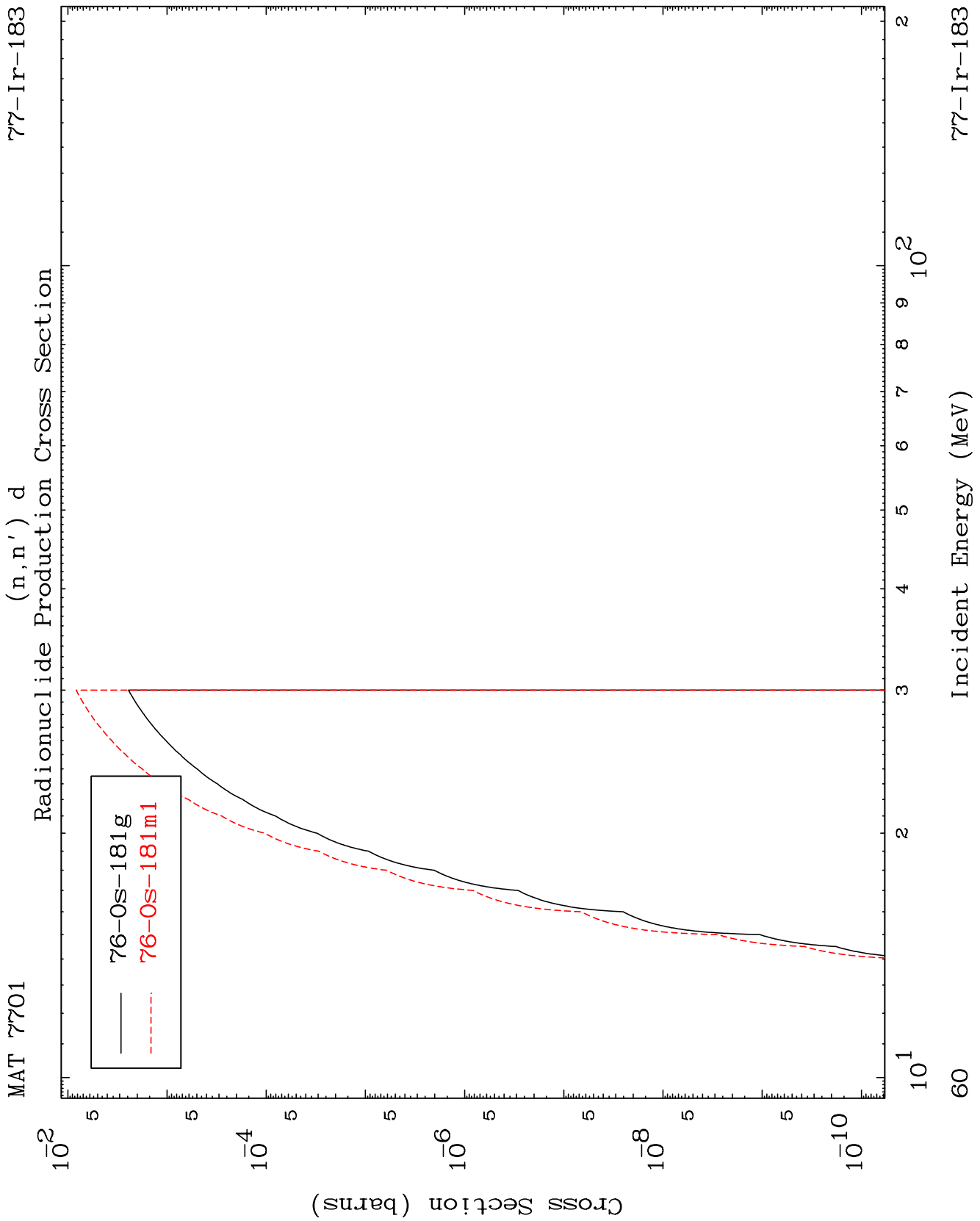
MAT 7701

Fission

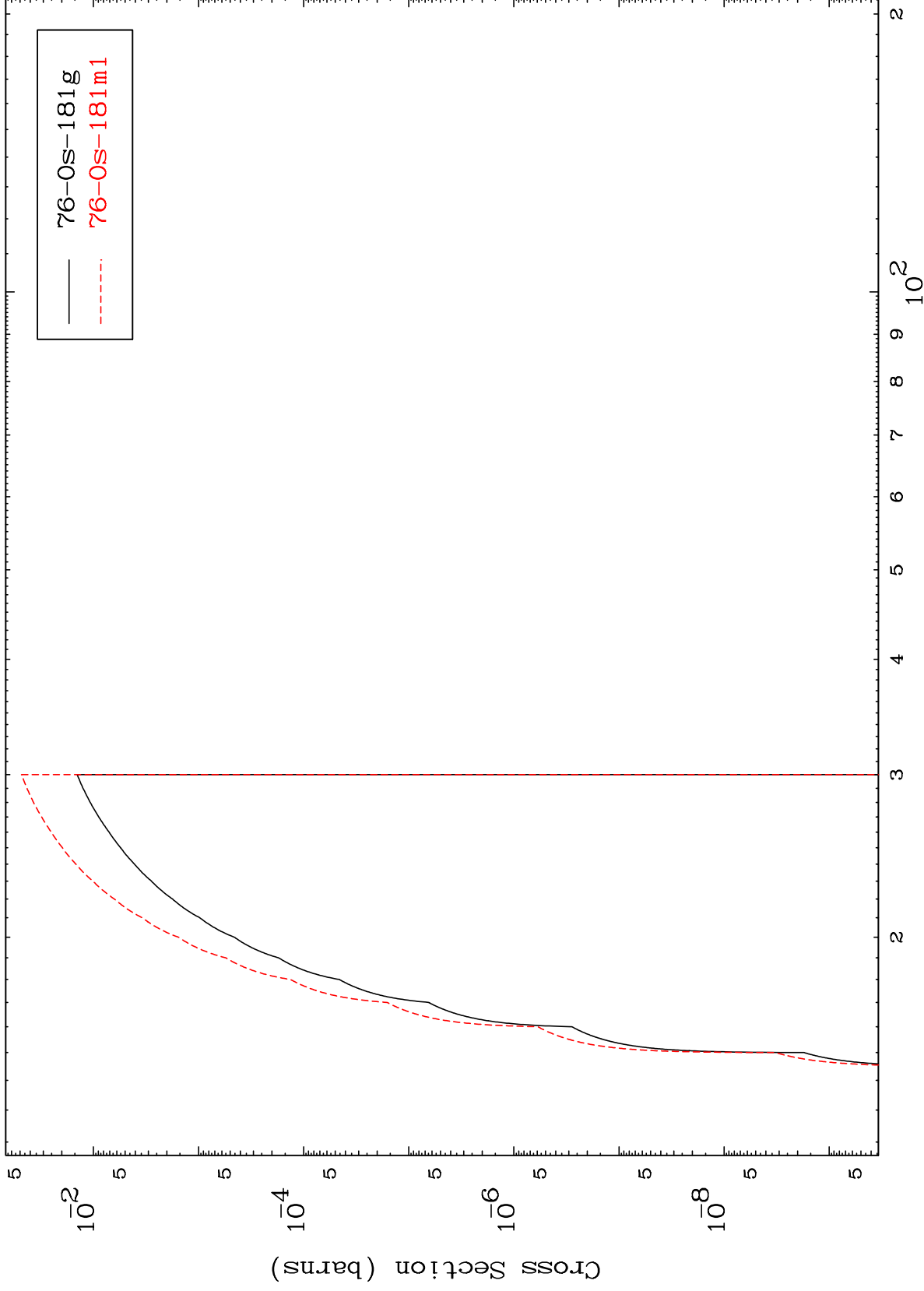
⁷⁷Ir-183

Radionuclide Production Cross Section





Radionuclide Production Cross Section

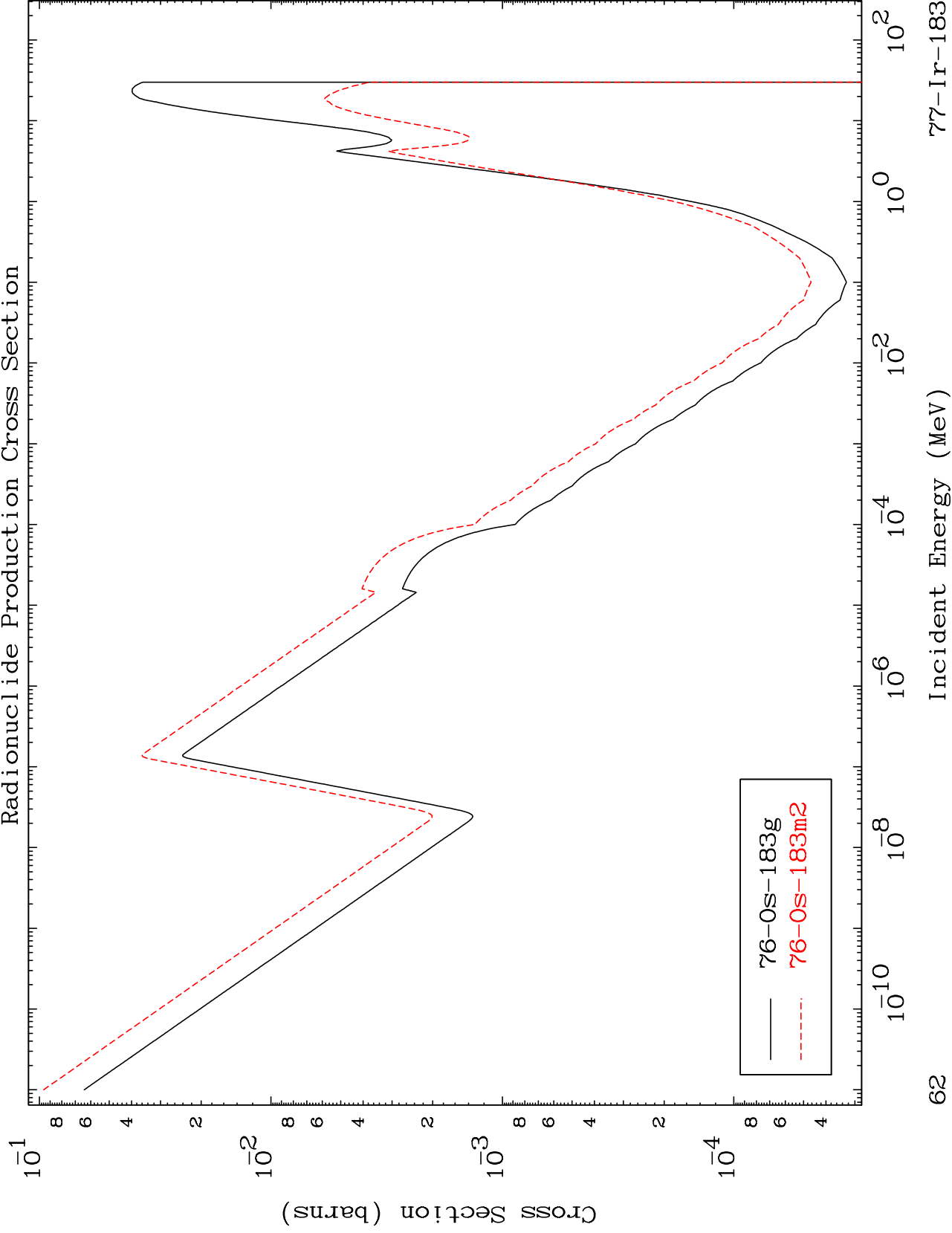


MAT 7701

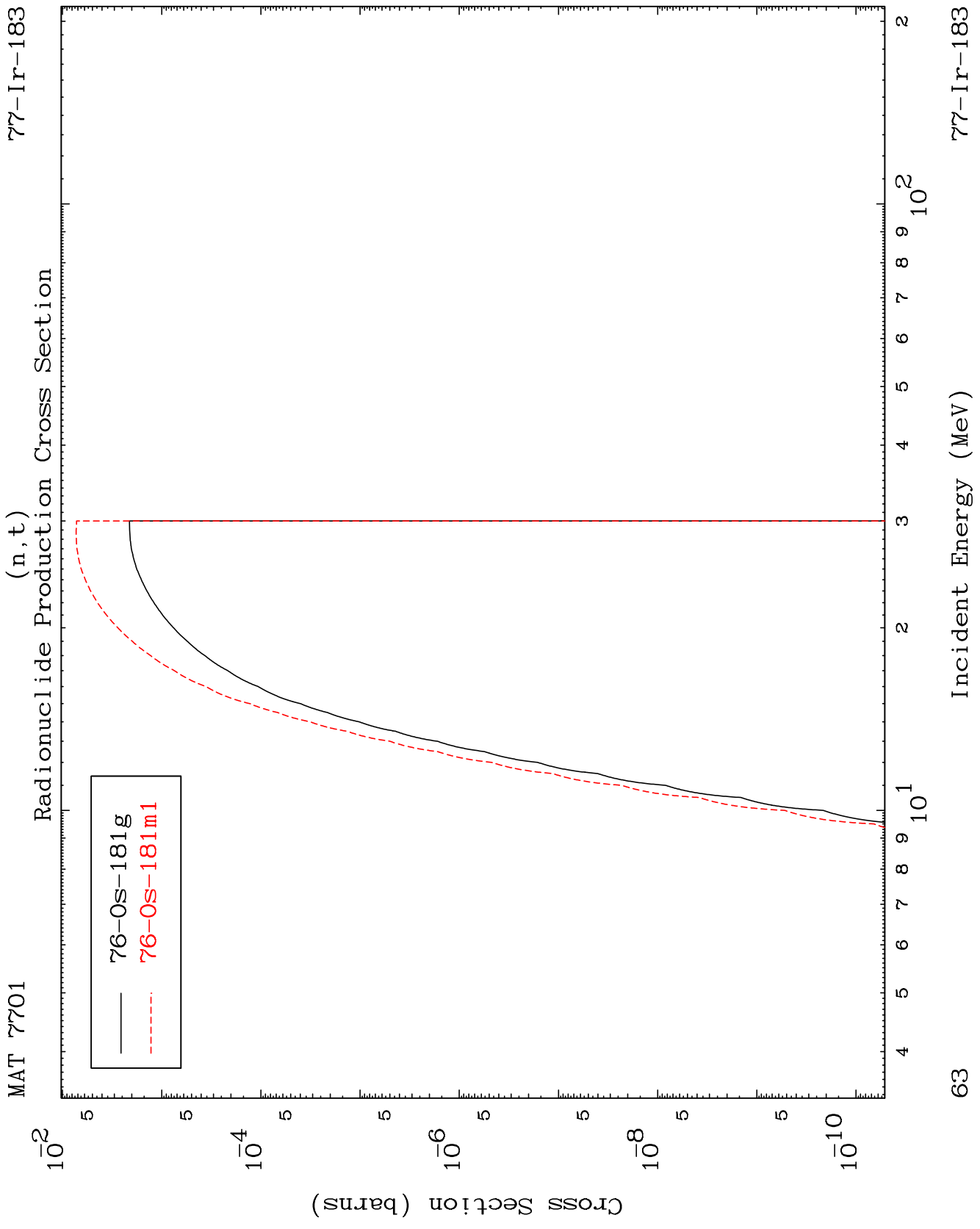
(n,p)

77-Ir-183

Radionuclide Production Cross Section



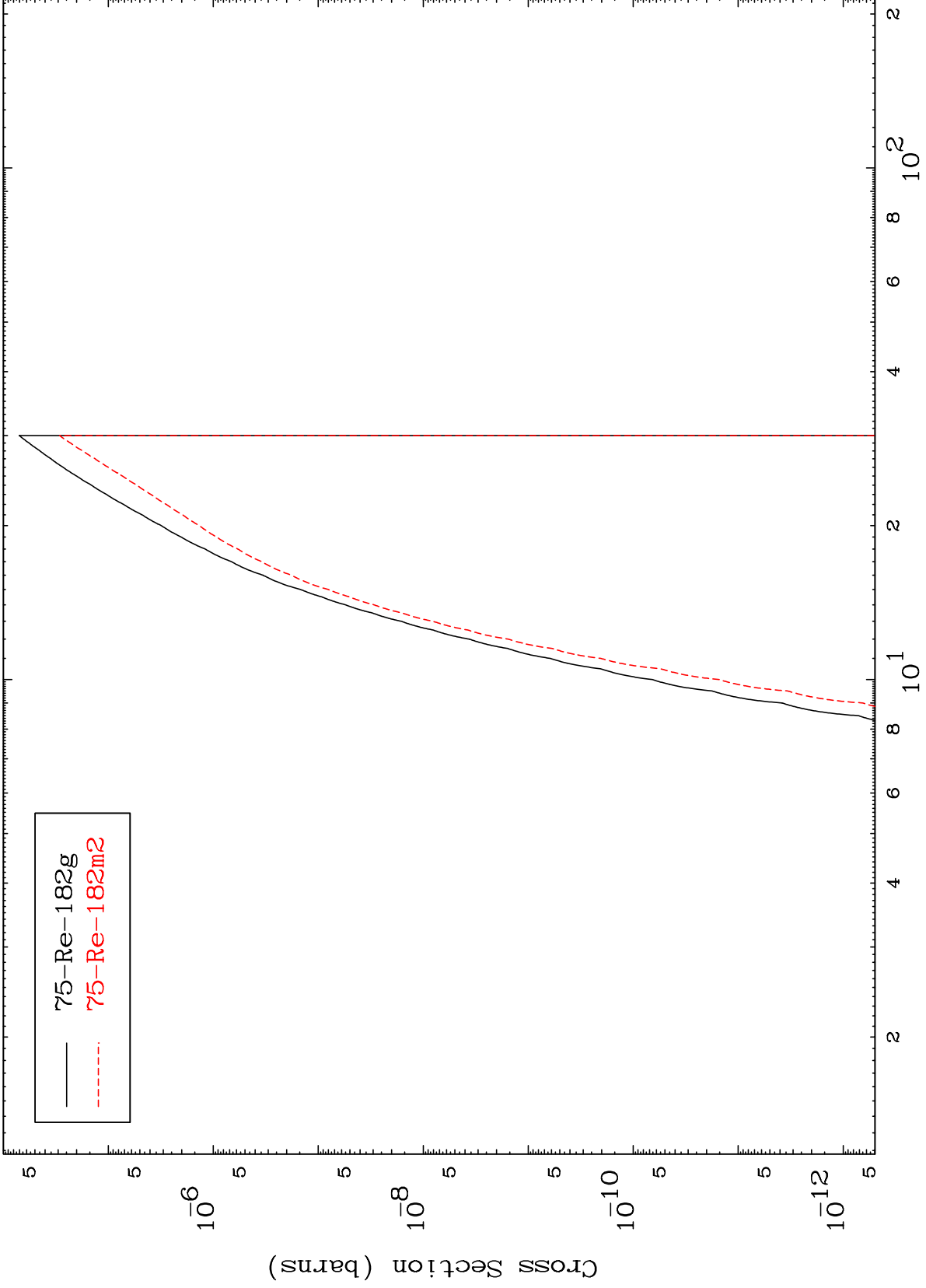
62



MAT 7701

⁷⁷Ir-183

(n,2p)
Radionuclide Production Cross Section



64

Incident Energy (MeV)

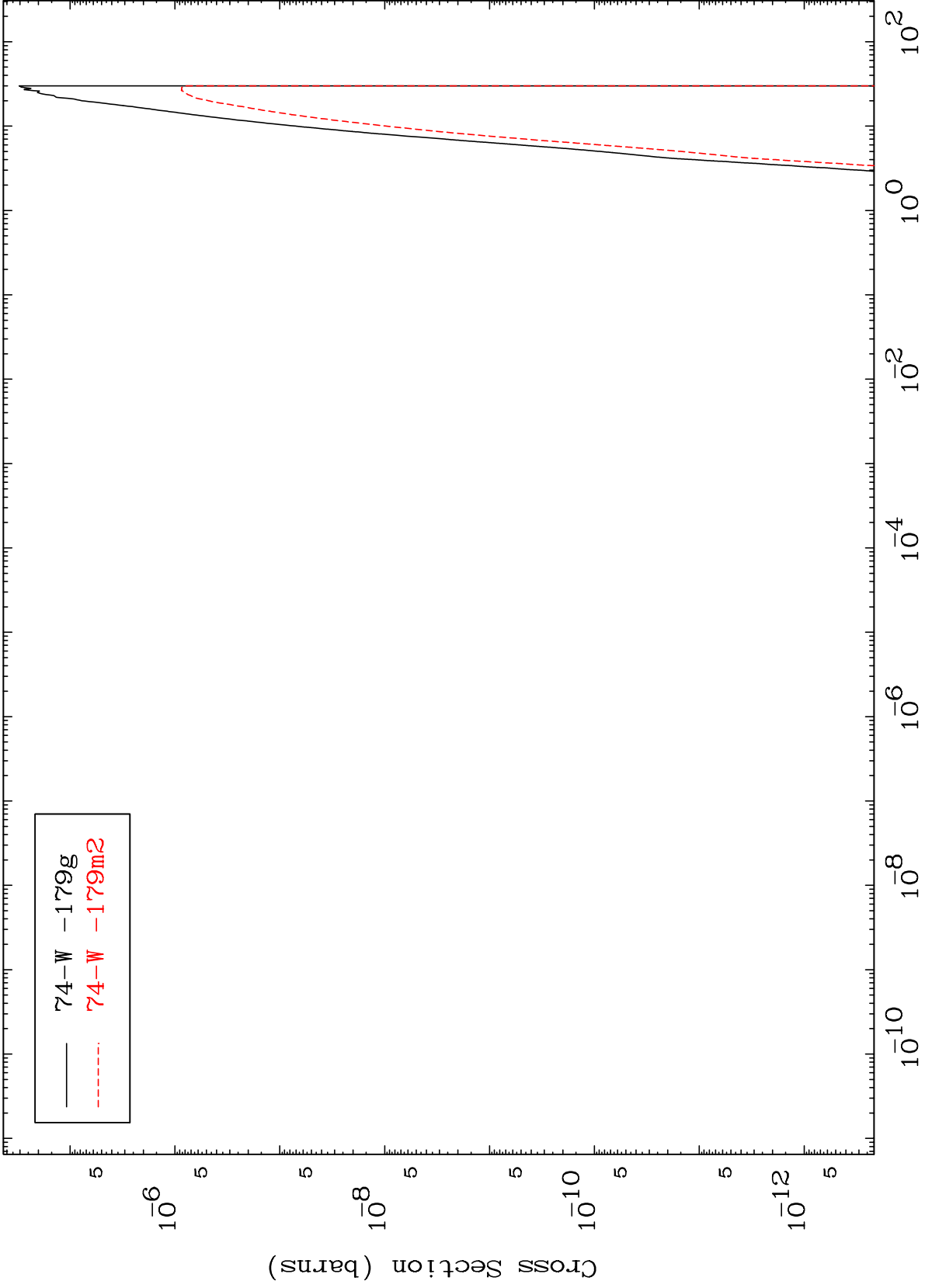
⁷⁷Ir-183

MAT 7701

(n,p) α

⁷⁷Ir-183

Radionuclide Production Cross Section



65

Incident Energy (MeV)

⁷⁷Ir-183