

Program EVALPLOT  
(Version 2018-1)

by

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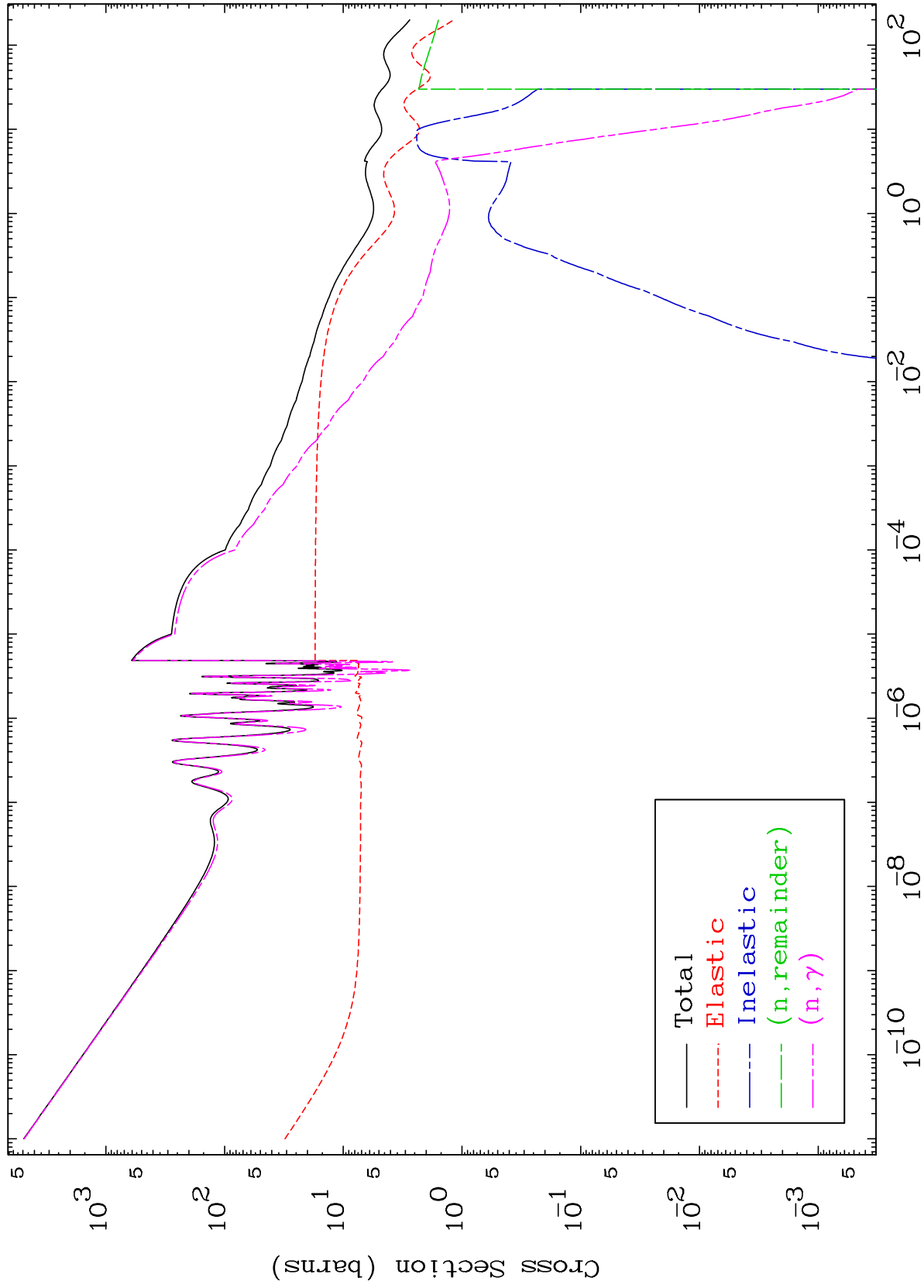
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7701

Major  
293 Kelvin Cross Sections

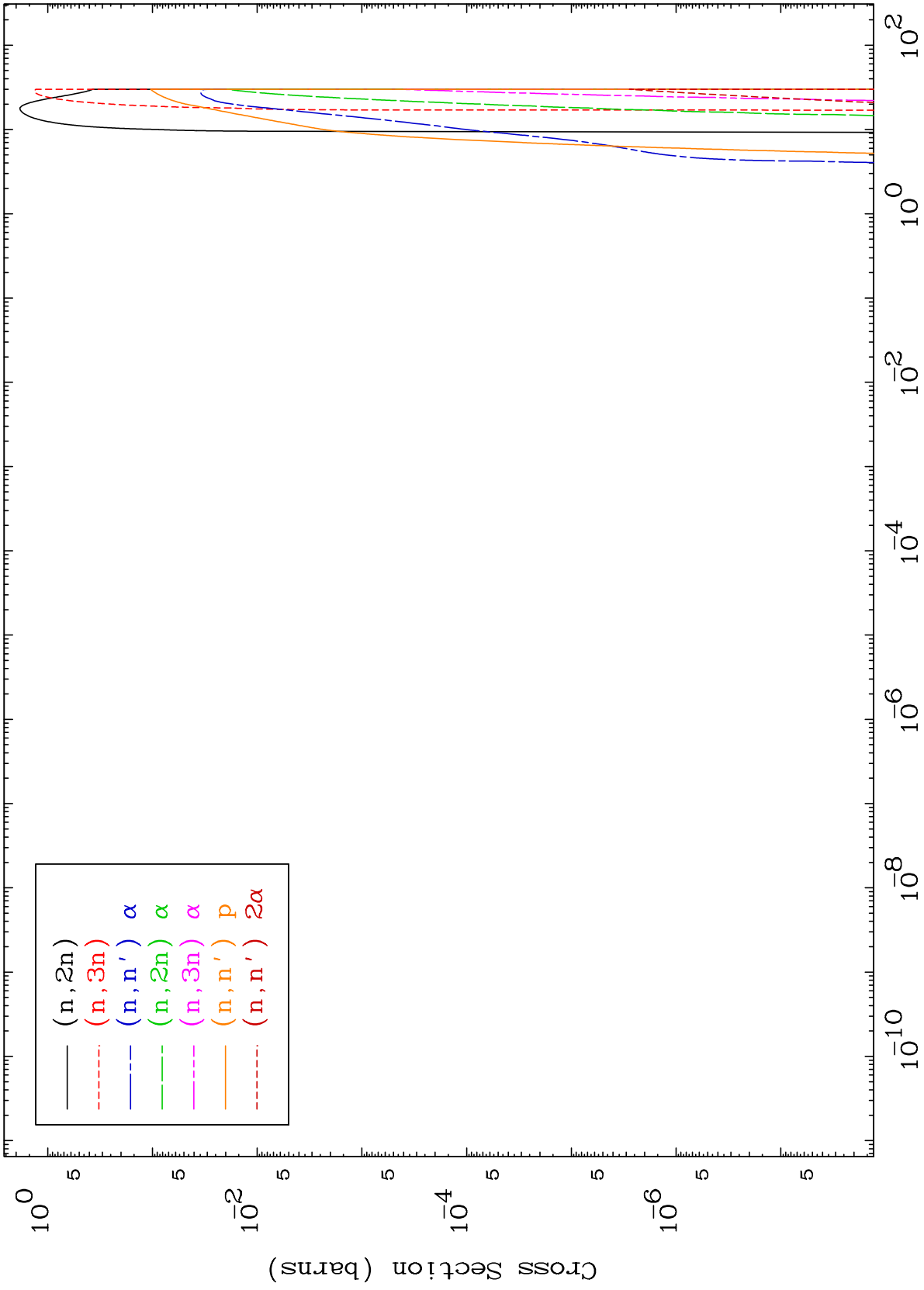
77-Ir-183



MAT 7701

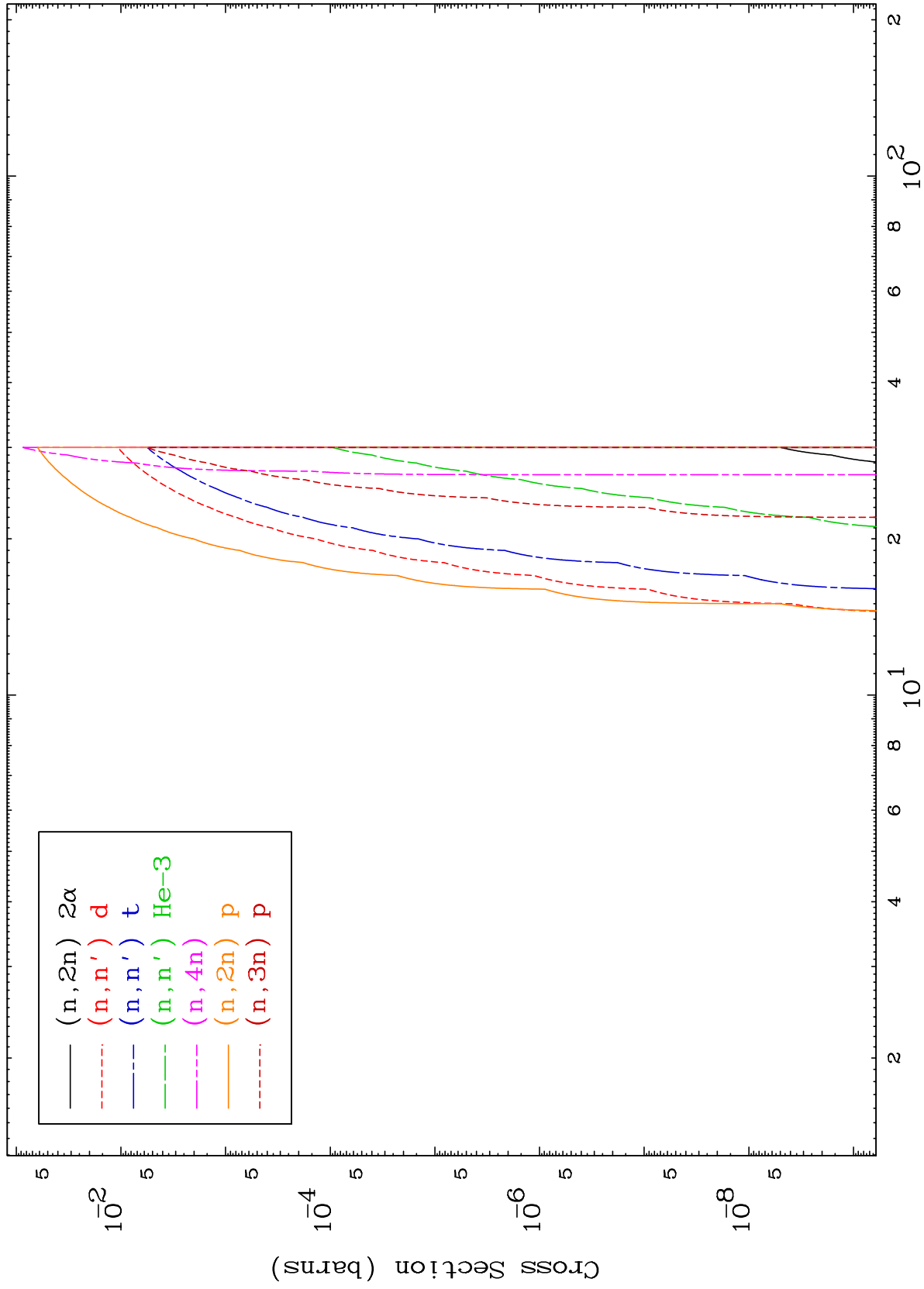
Neutron Production  
293 Kelvin Cross Sections

77-Ir-183



2

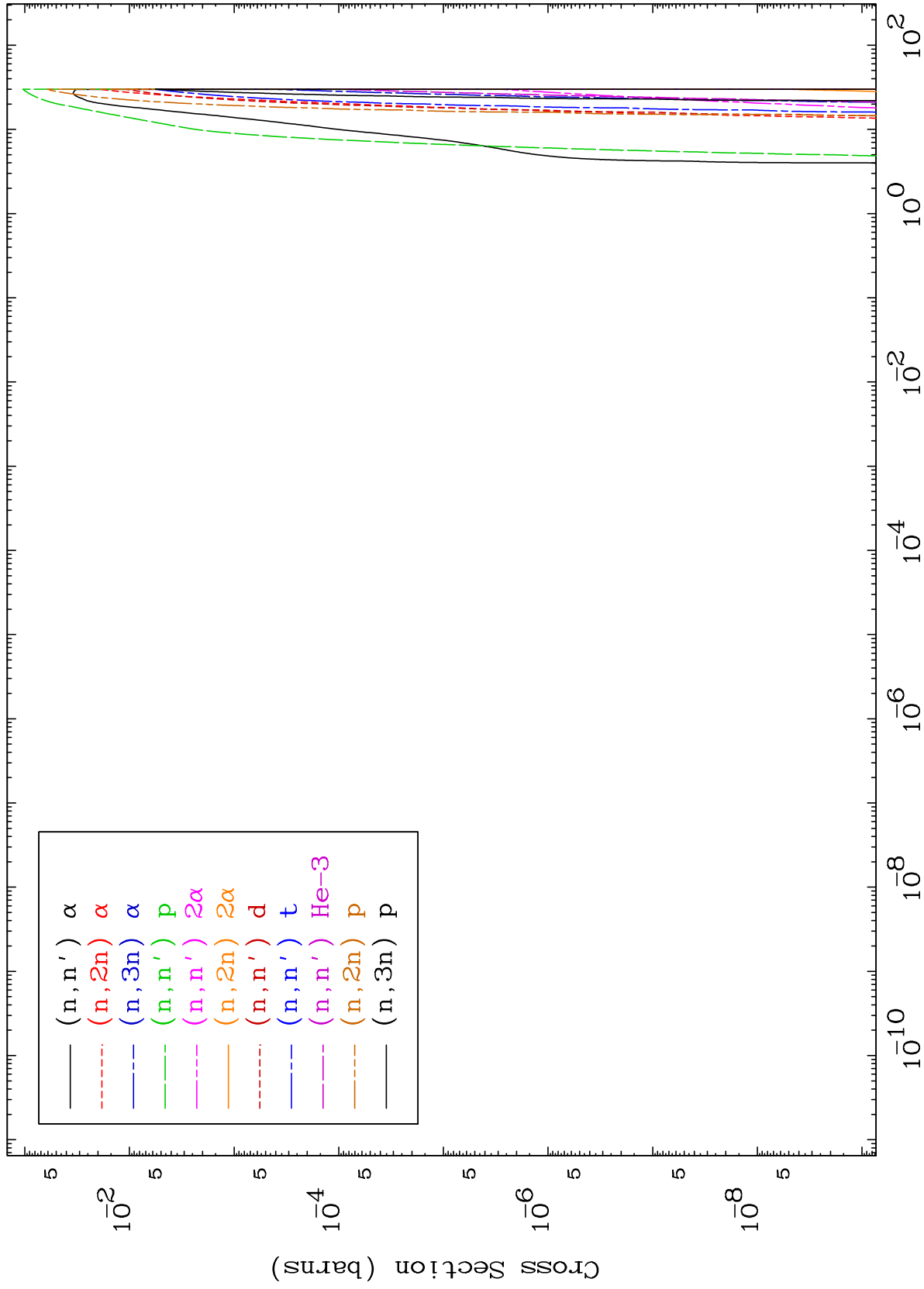
77-Ir-183



MAT 7701

Charged Particle  
293 Kelvin Cross Sections

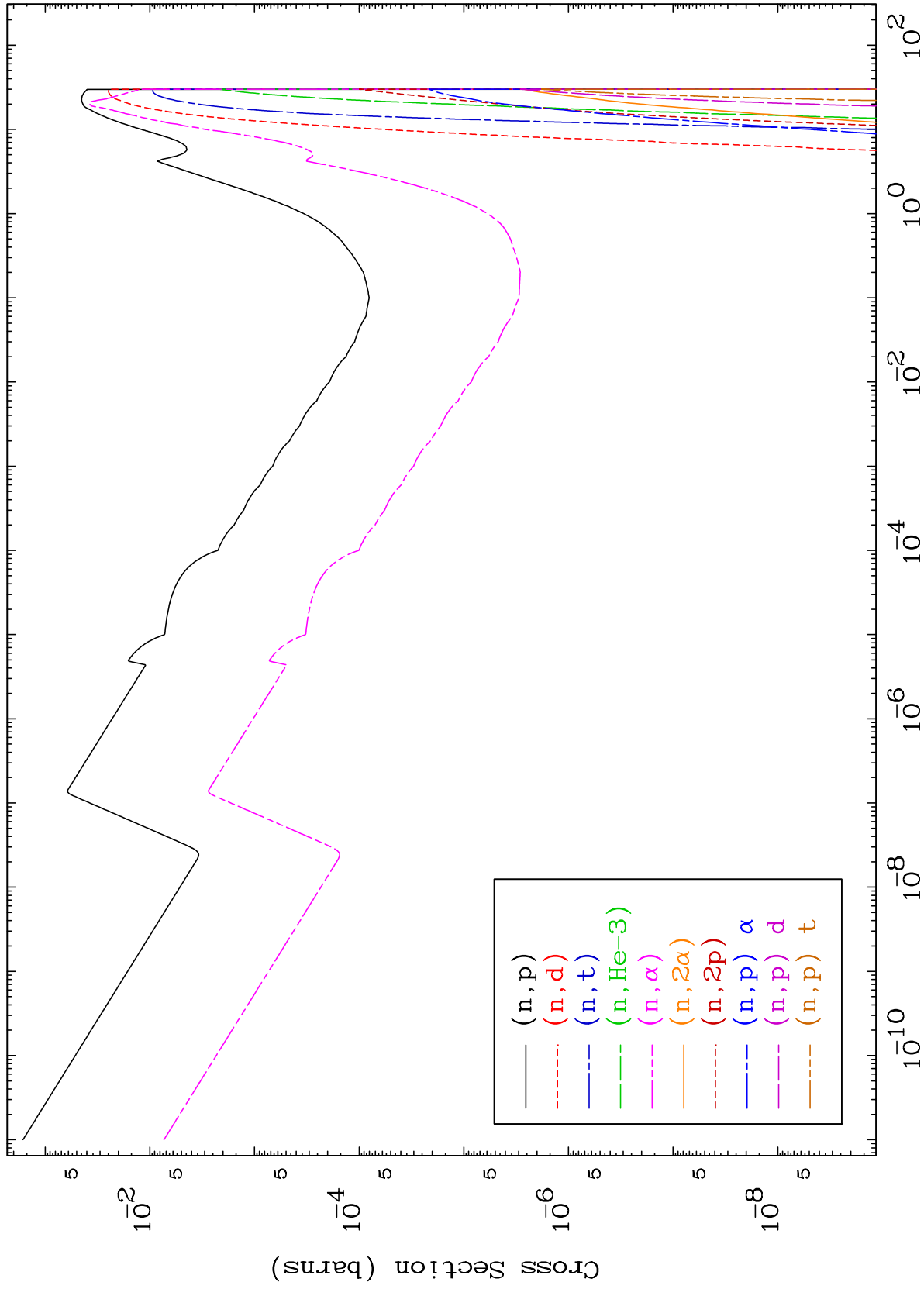
77-Ir-183



MAT 7701

293 Kelvin Cross Sections

77-Ir-183



5

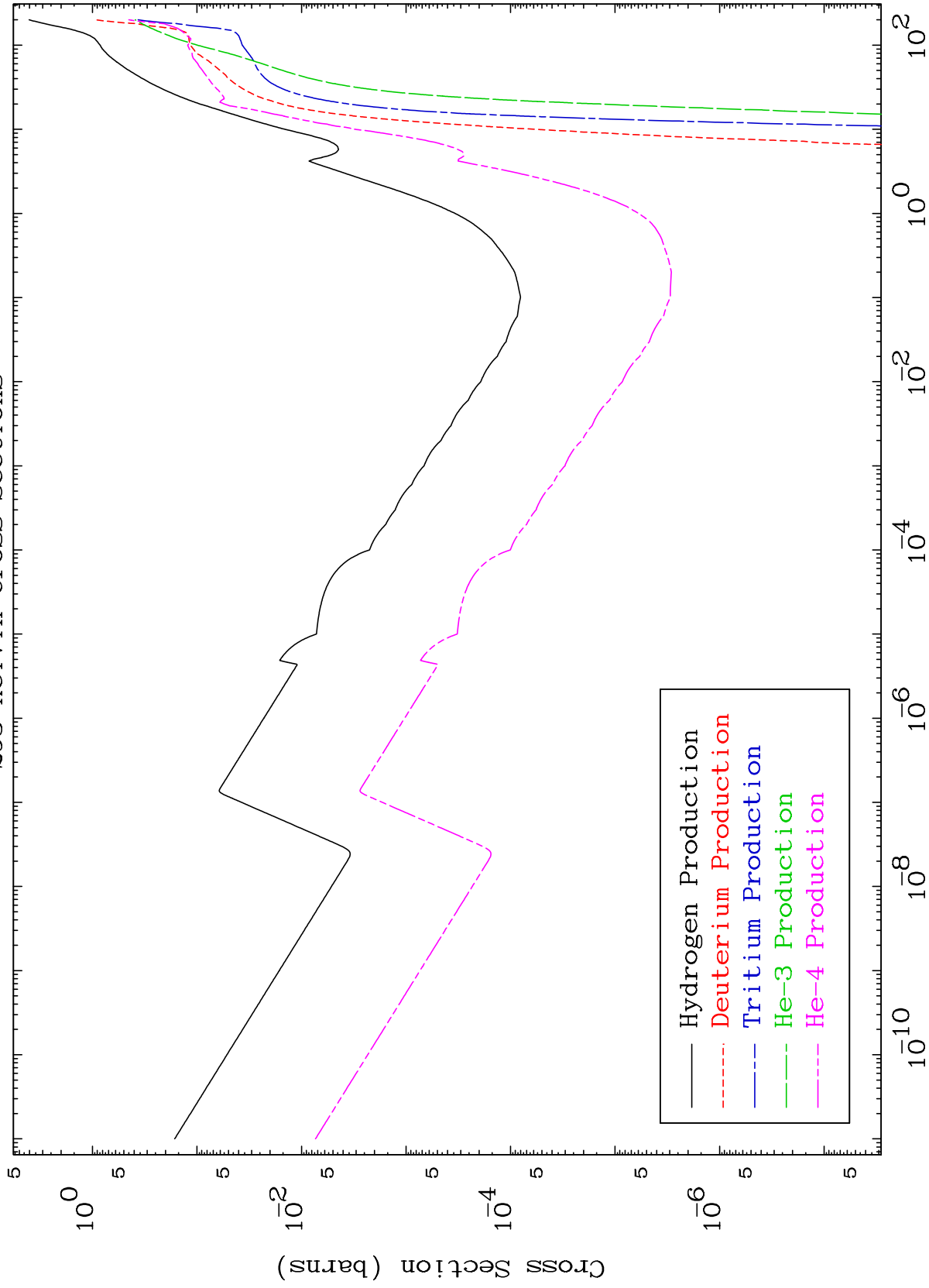
Incident Energy (MeV)

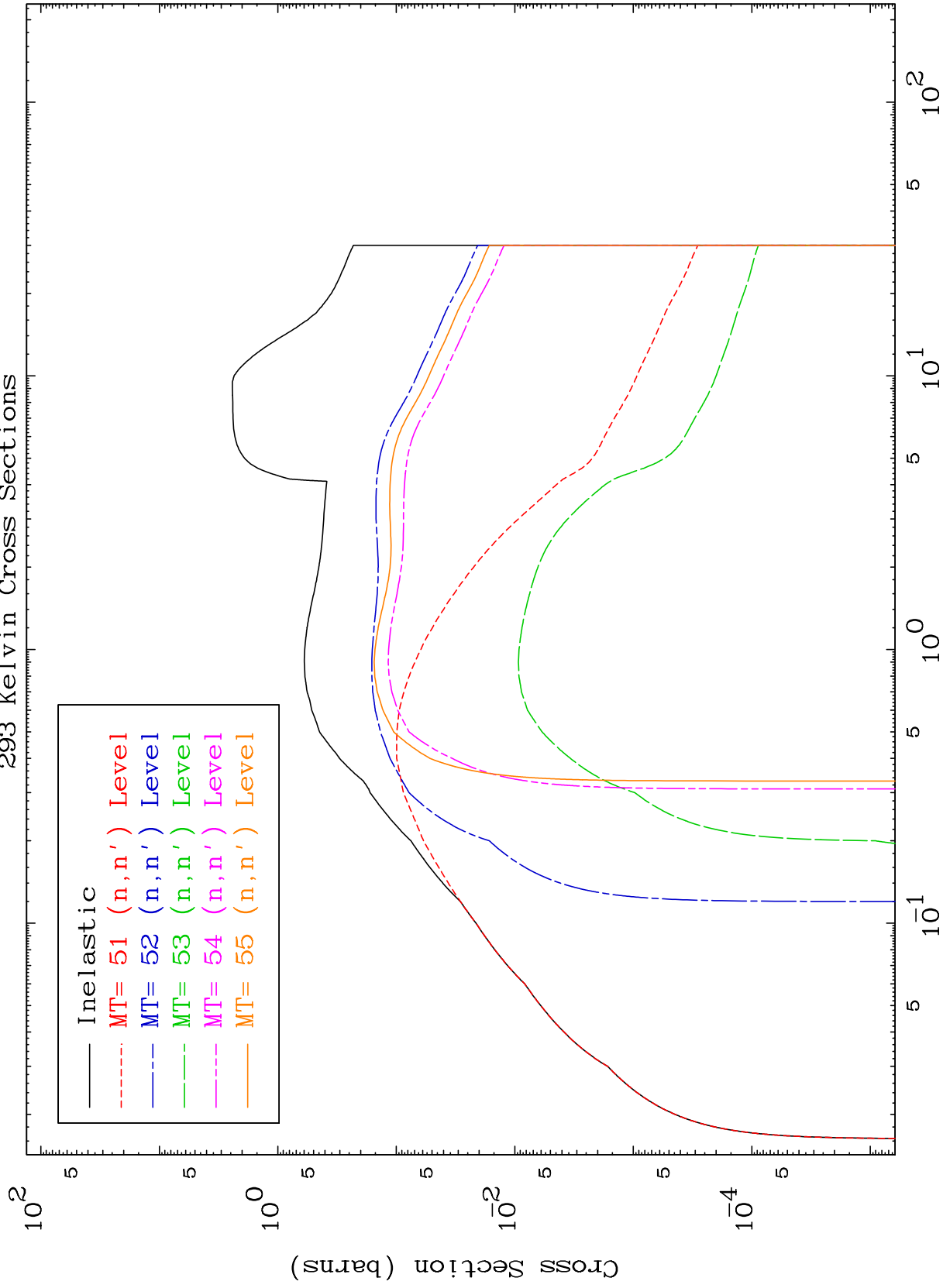
77-Ir-183

MAT 7701

Particle Production  
293 Kelvin Cross Sections

77-Ir-183



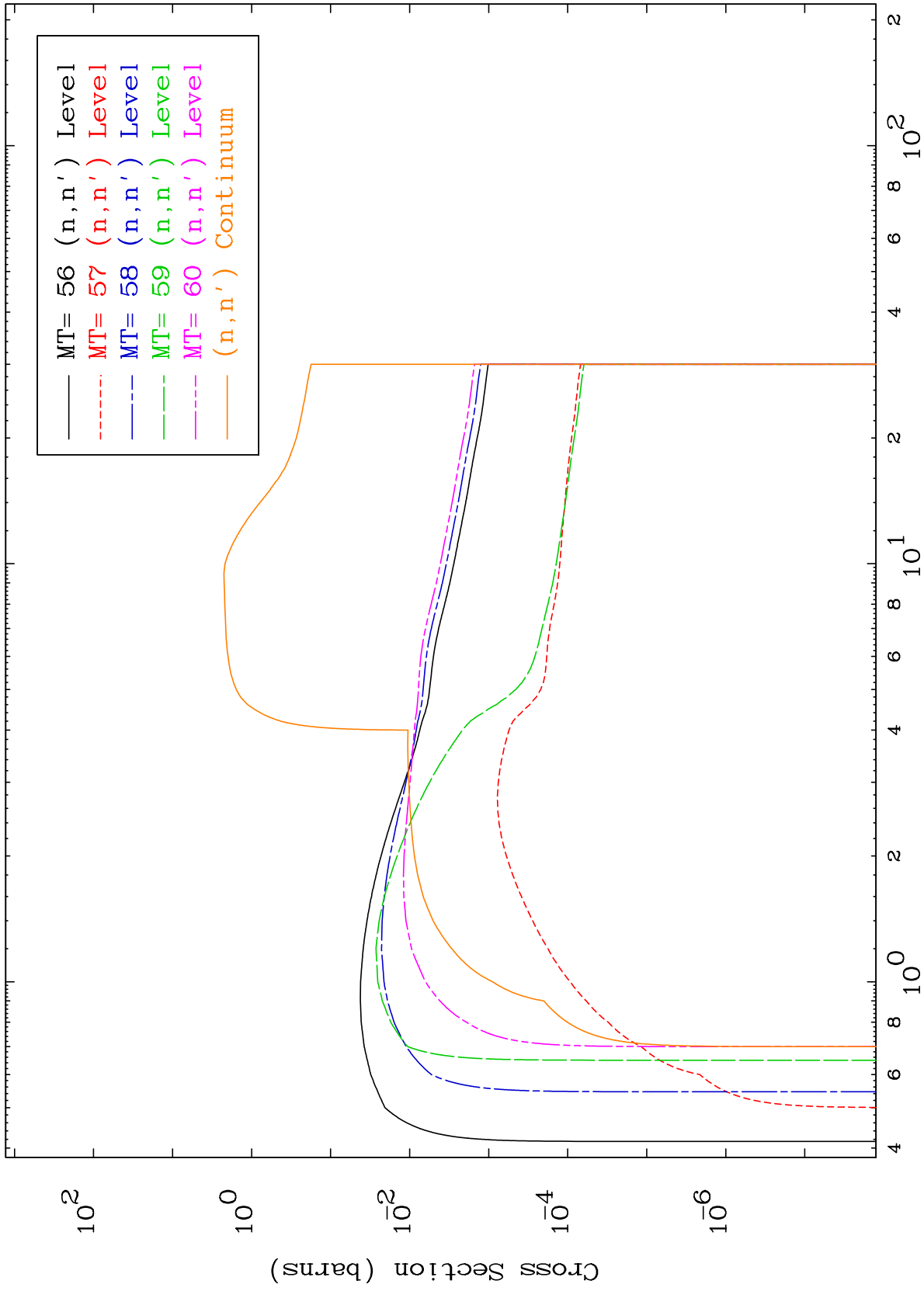




MAT 7701

(n,n') Level  
293 Kelvin Cross Sections

77-Ir-183



8

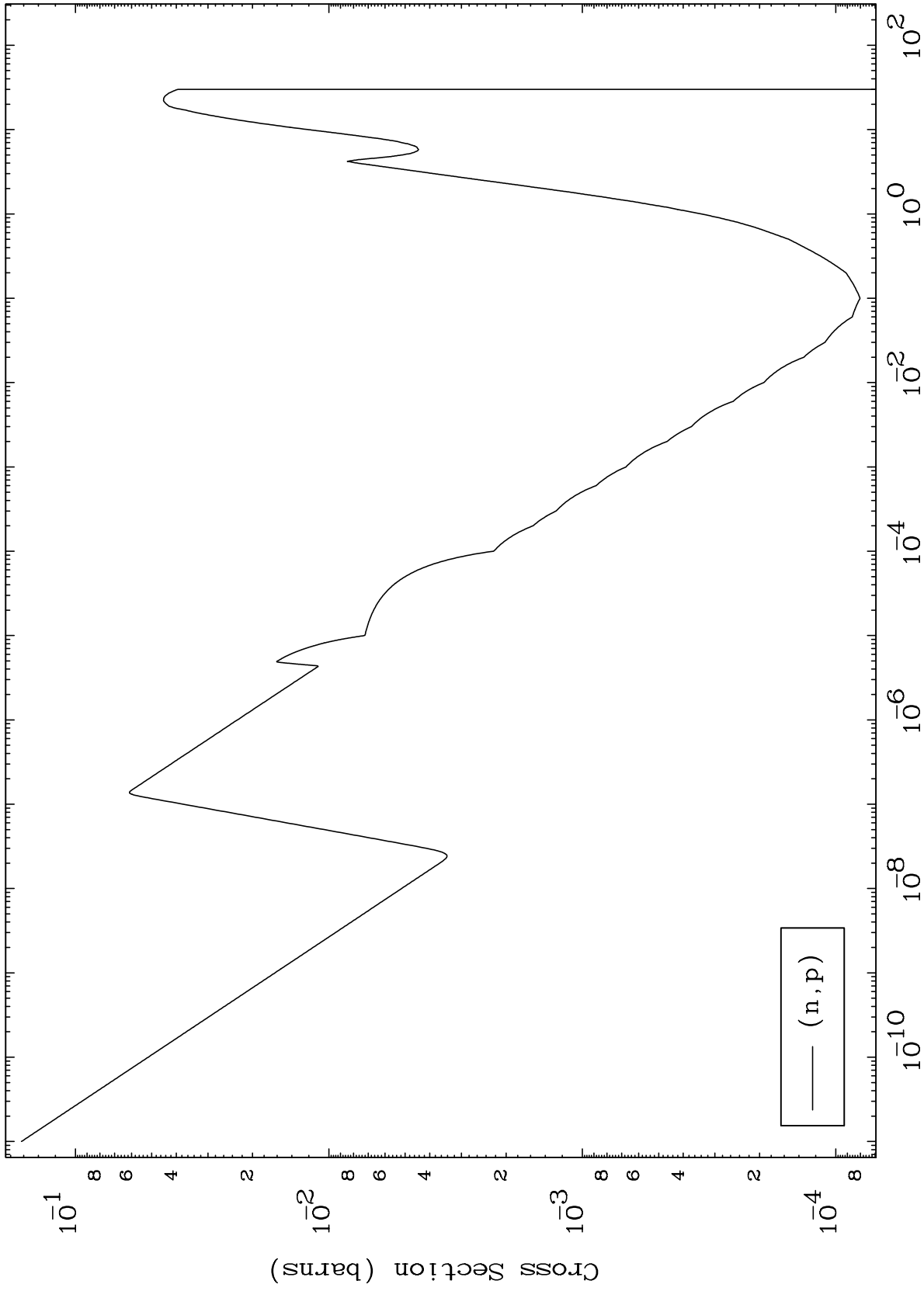
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,p) Levels  
293 Kelvin Cross Sections

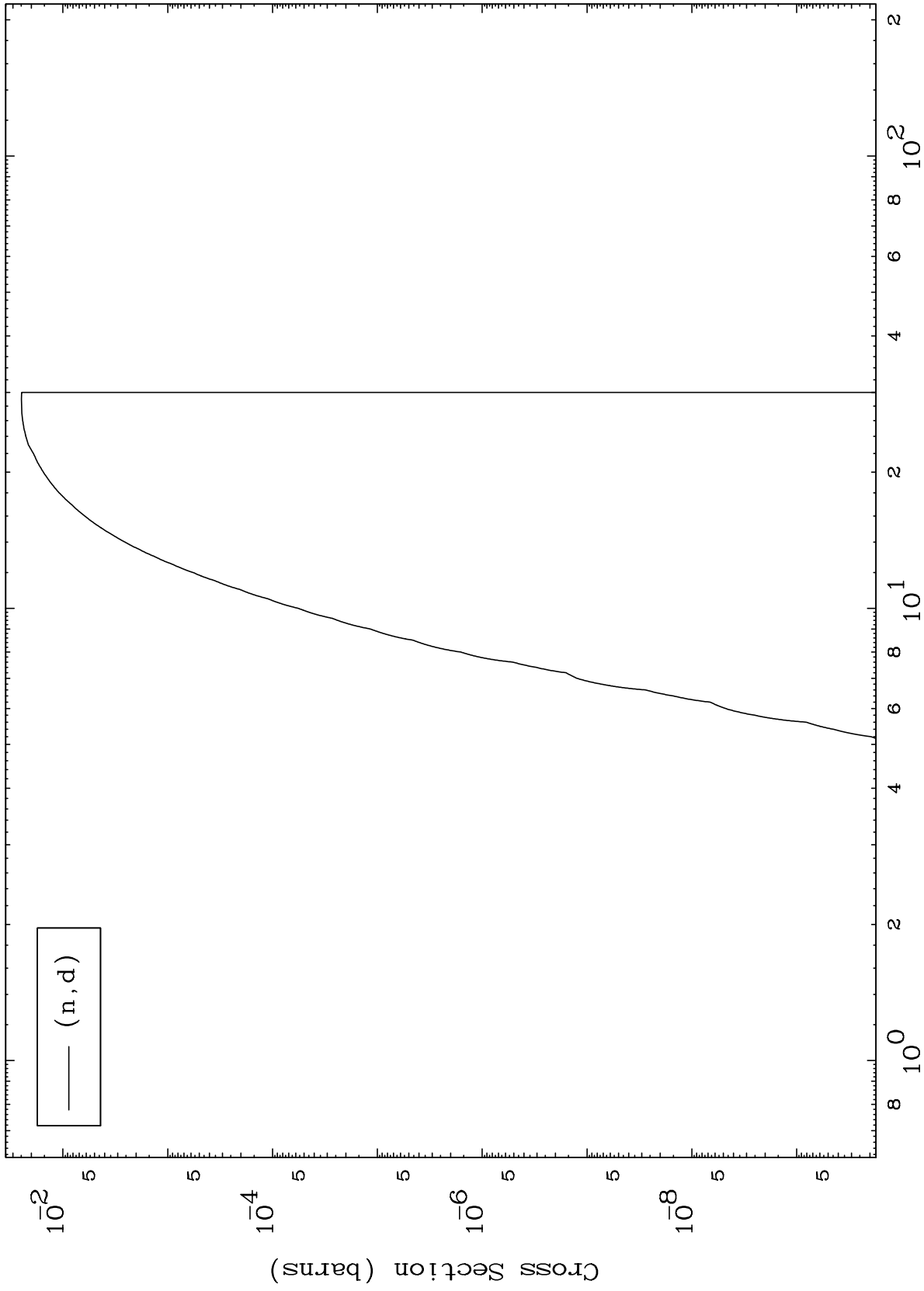
77-Ir-183



MAT 7701

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-183



10

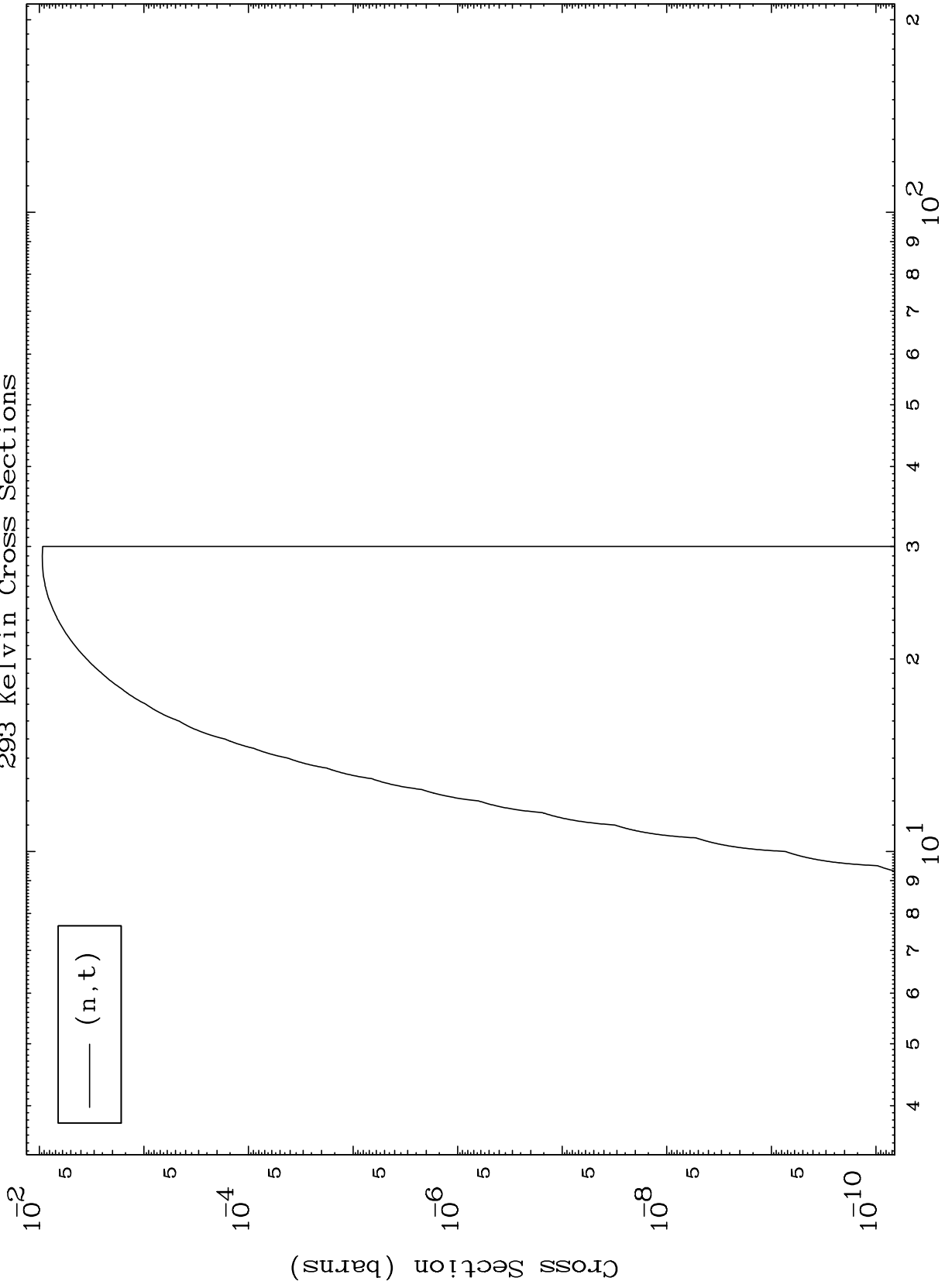
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,t) Levels  
293 Kelvin Cross Sections

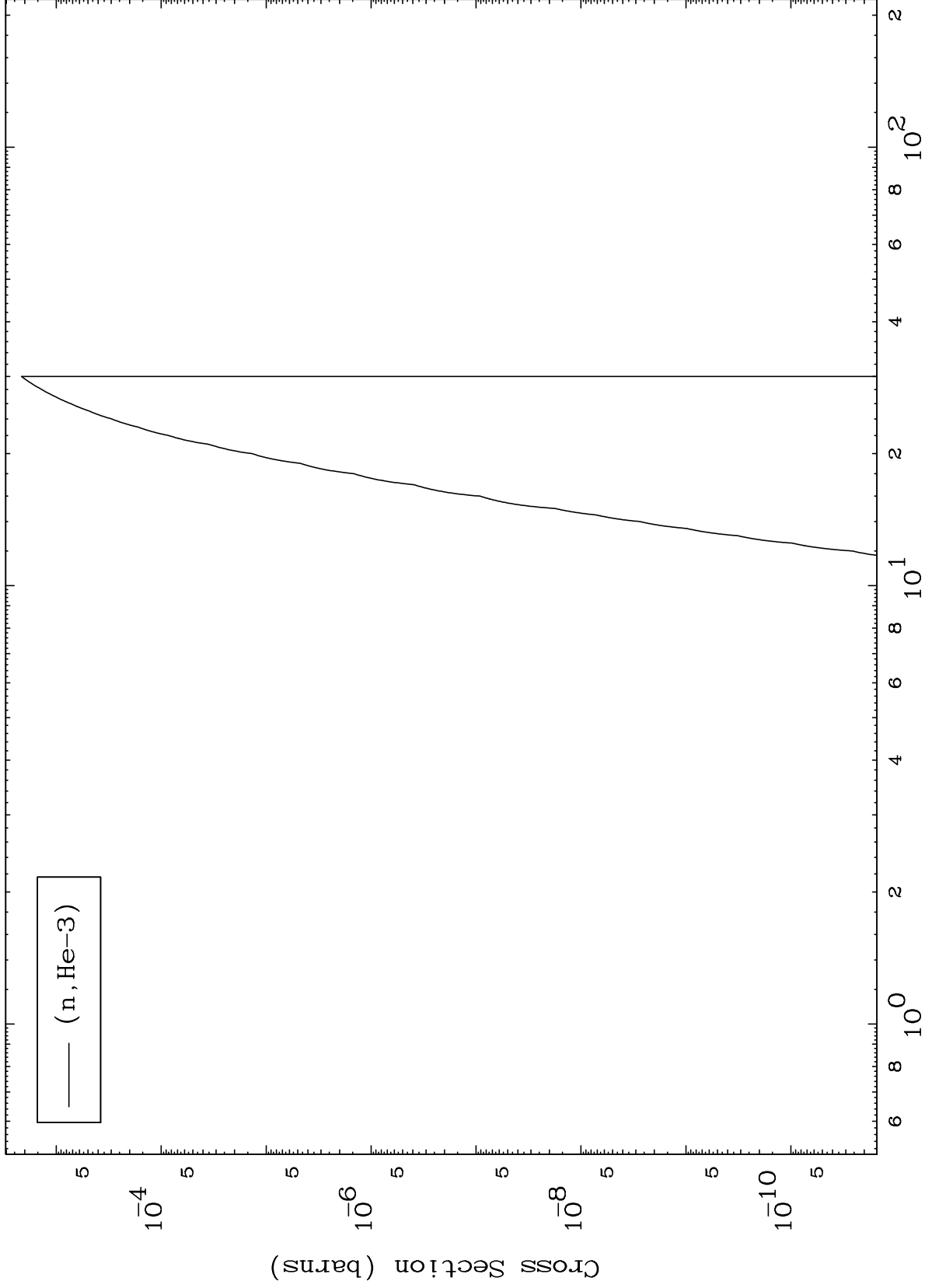
77-Ir-183



MAT 7701

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-183



12

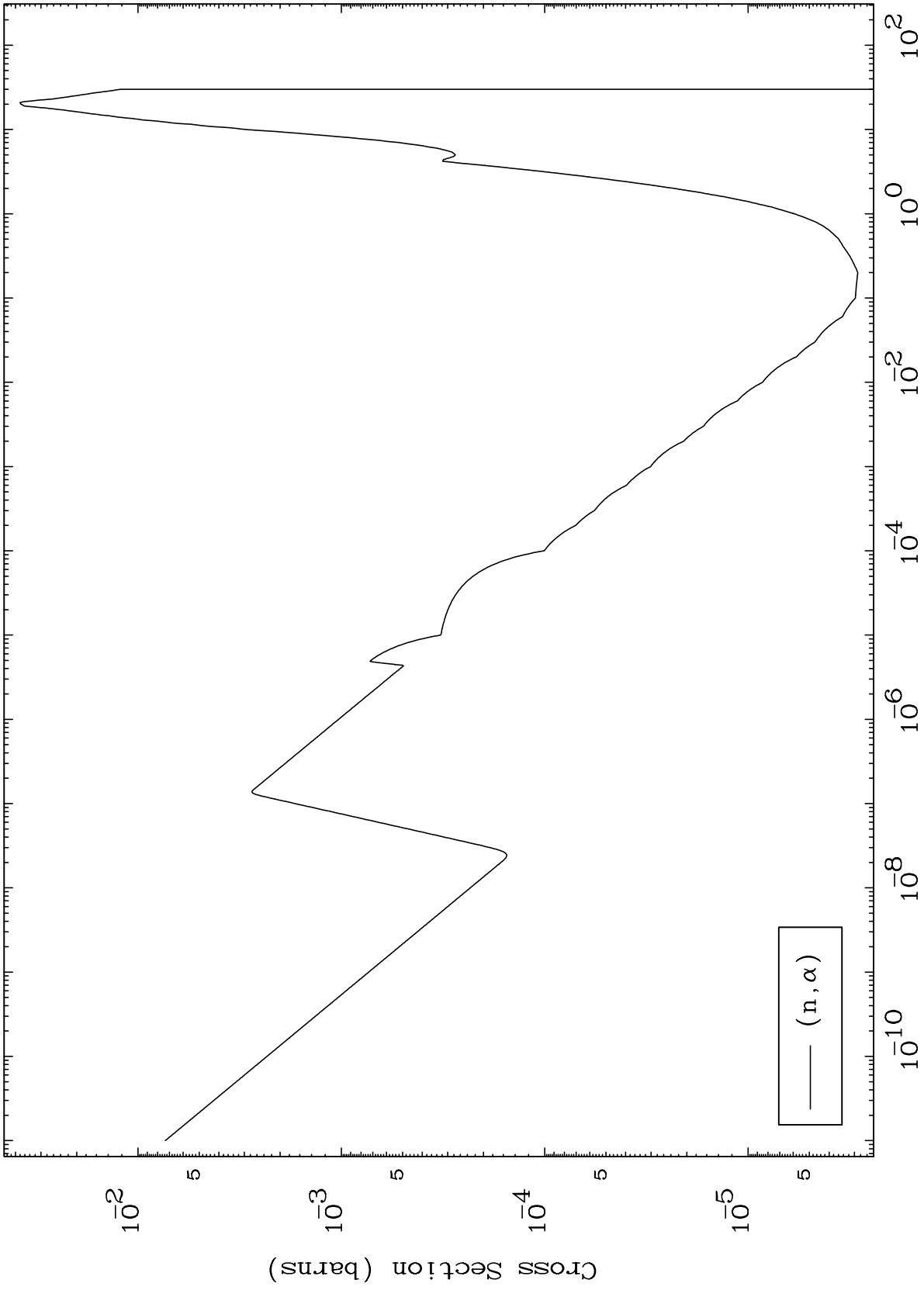
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

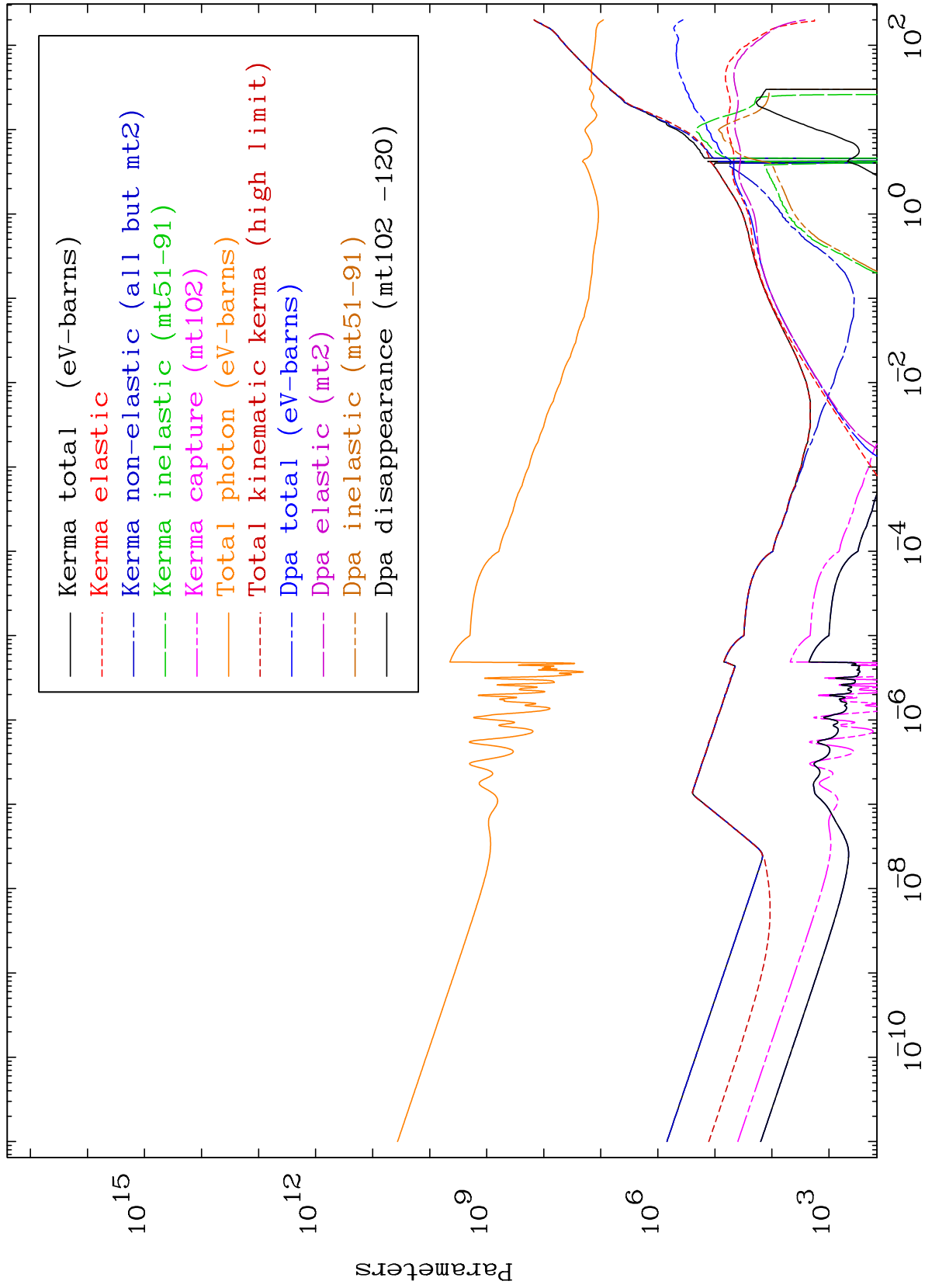
77-Ir-183



13

Incident Energy (MeV)

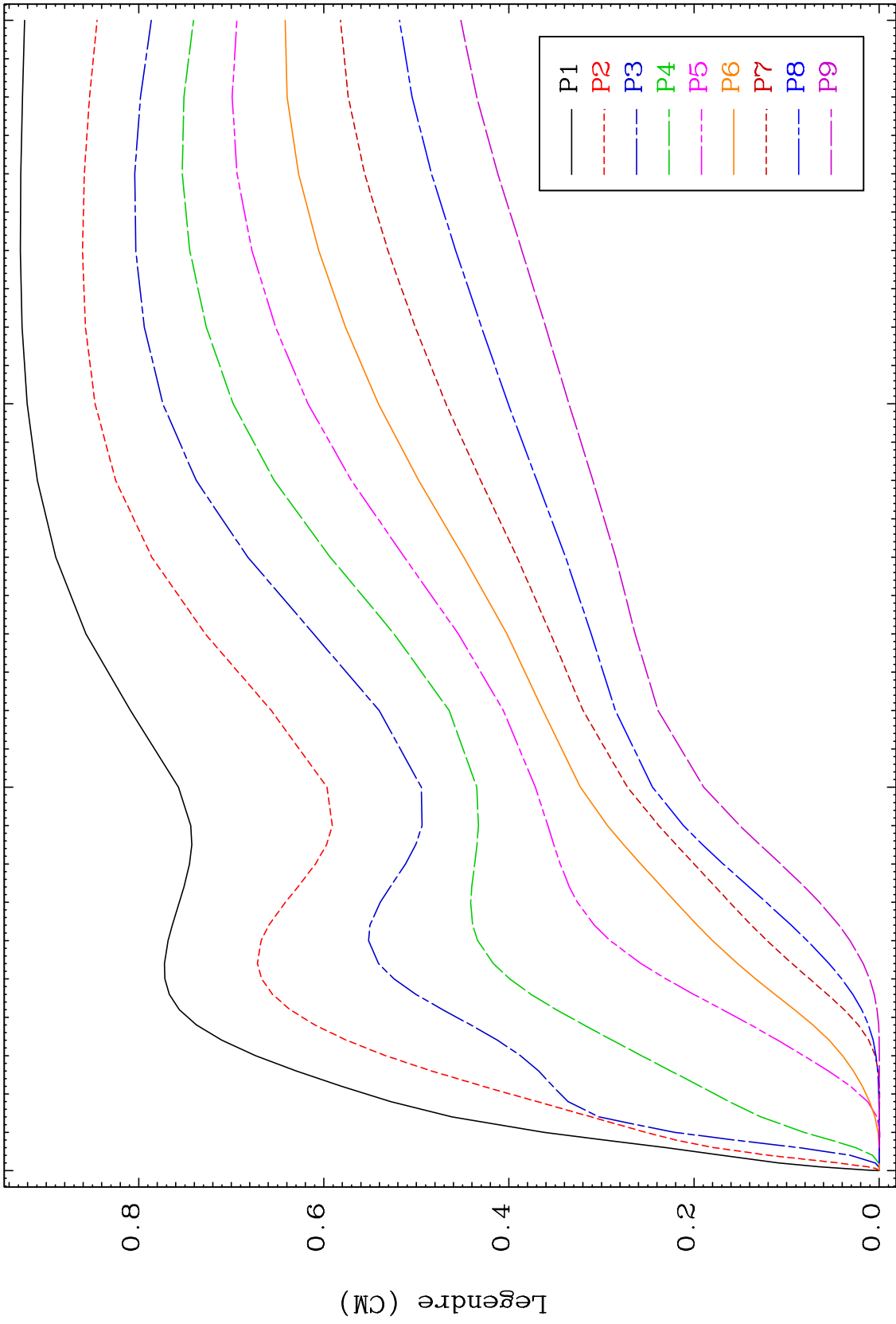
77-Ir-183



MAT 7701

Elastic Legendre Coefficients

77-Ir-183



77-Ir-183

Incident Energy (MeV)

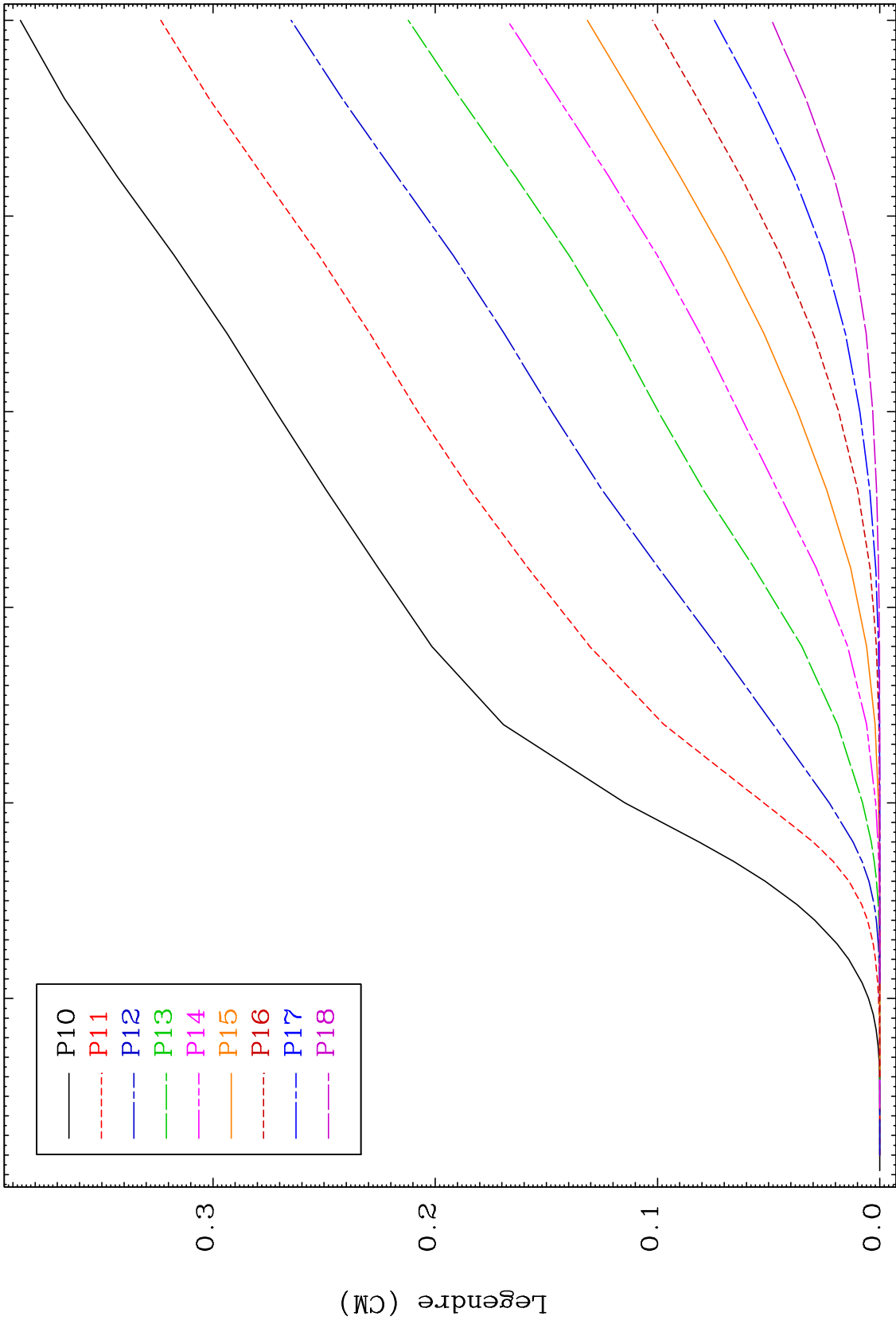
15



MAT 7701

Elastic Legendre Coefficients

77-Ir-183



16

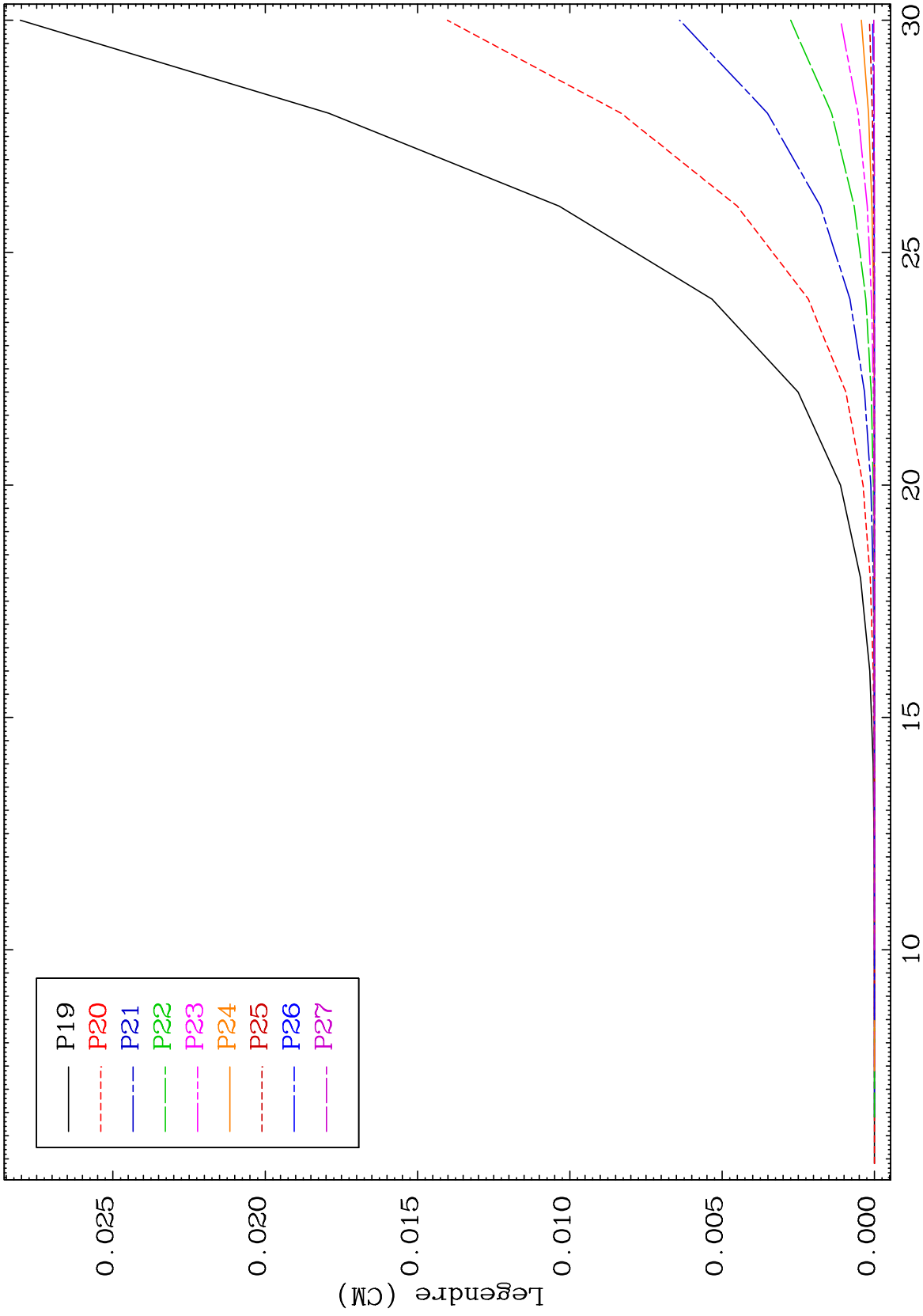
Incident Energy (MeV)

77-Ir-183

MAT 7701

Elastic Legendre Coefficients

77-Ir-183



17

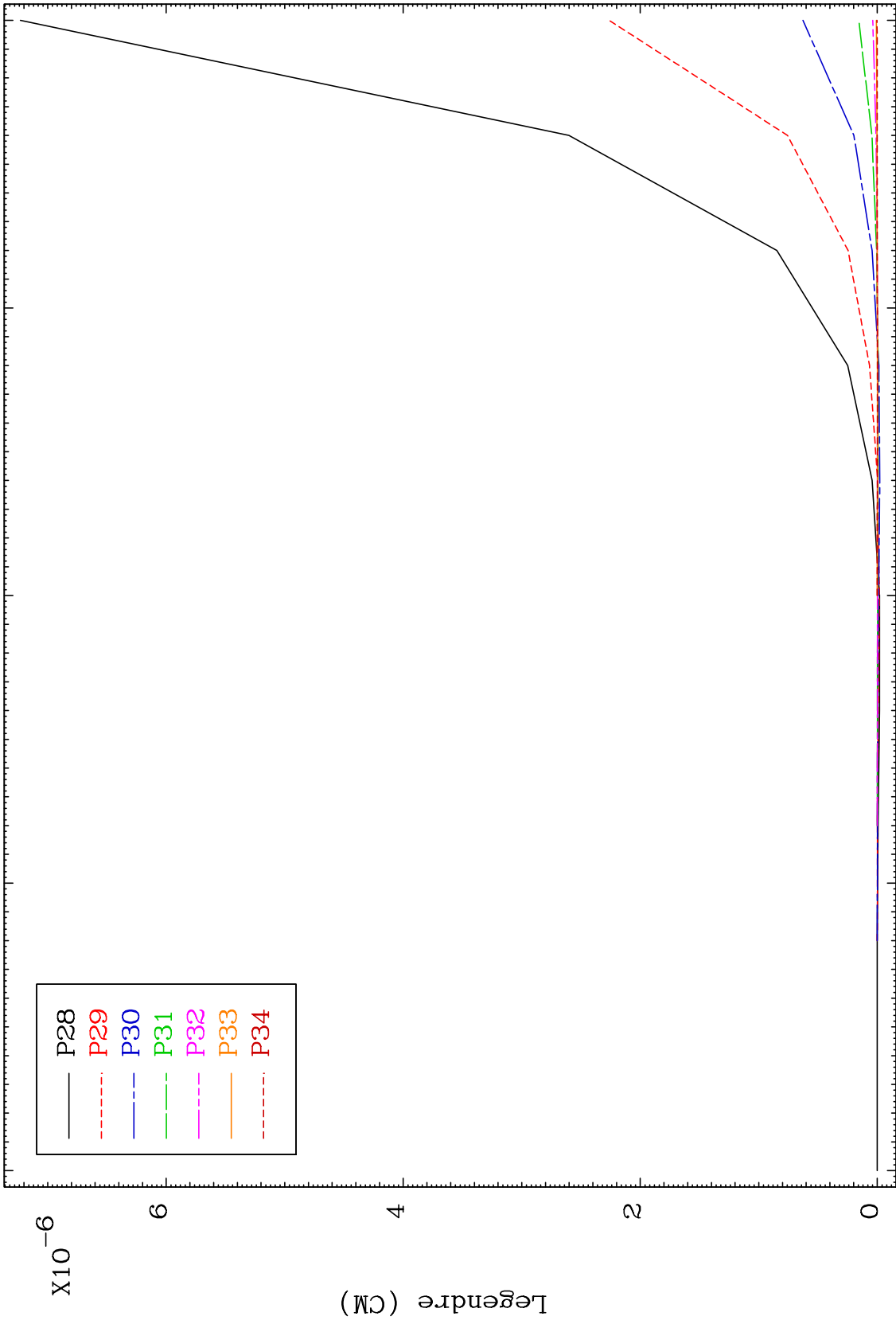
Incident Energy (MeV)

77-Ir-183

MAT 7701

Elastic Legendre Coefficients

77-Ir-183



18

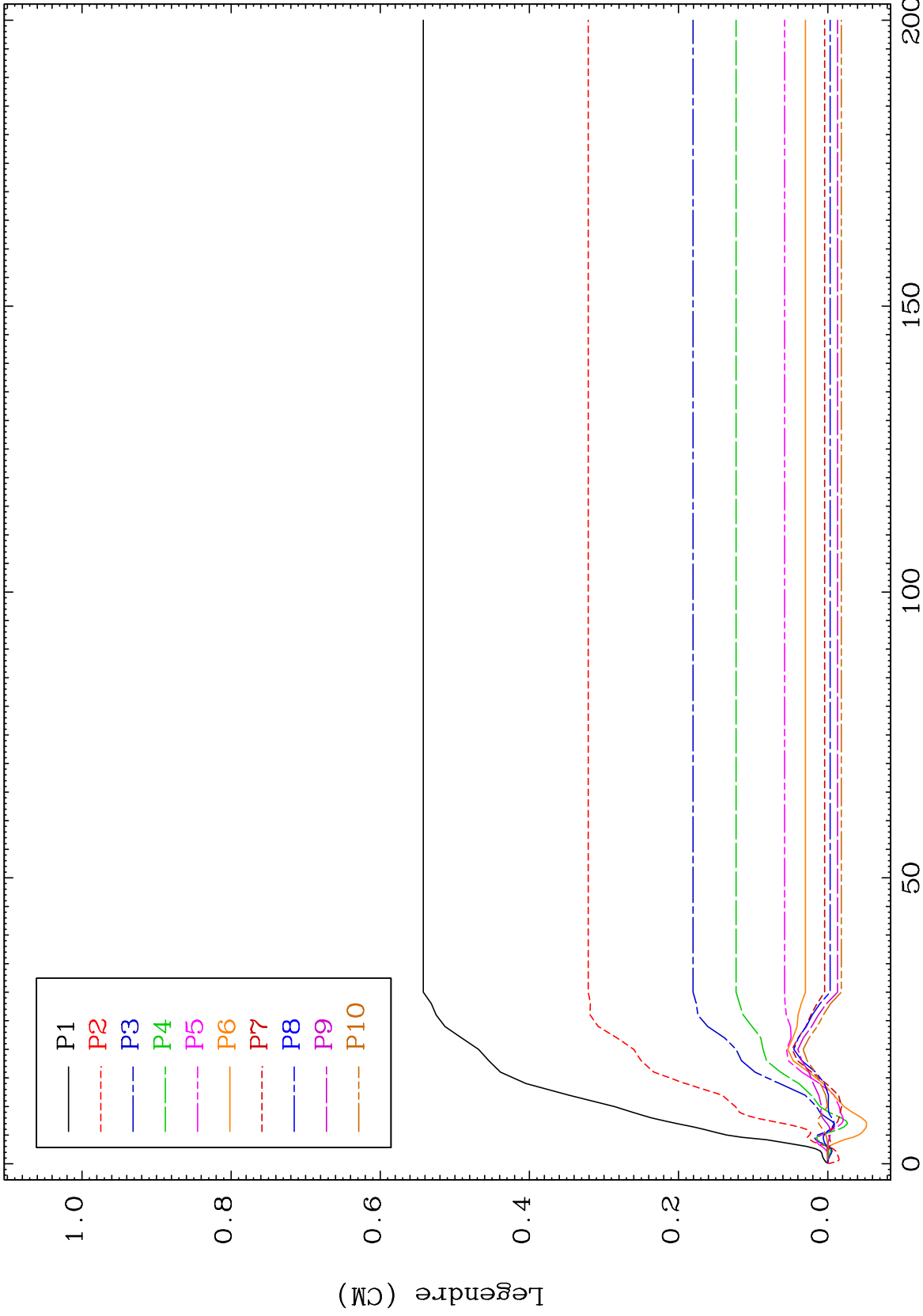
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



19

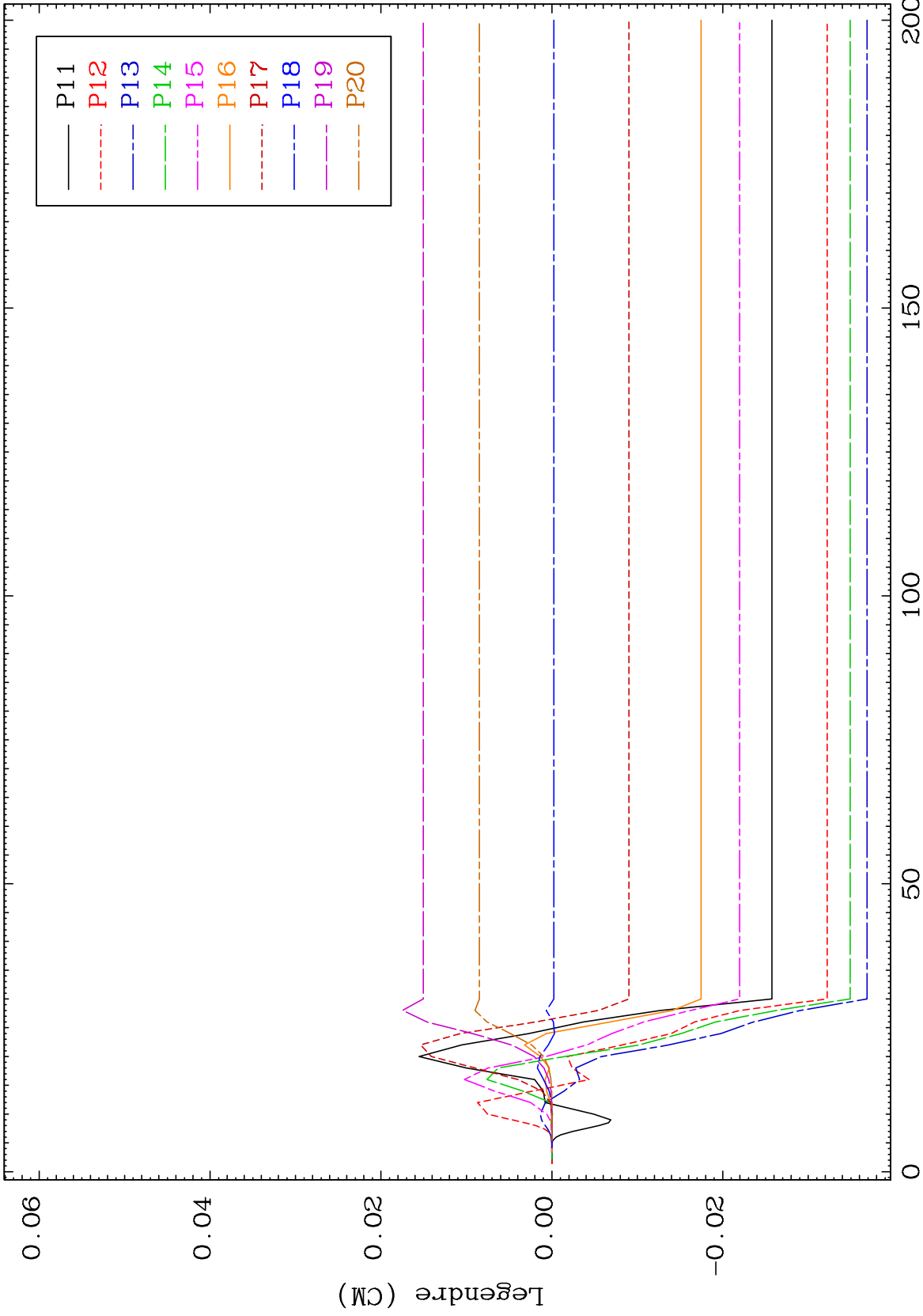
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

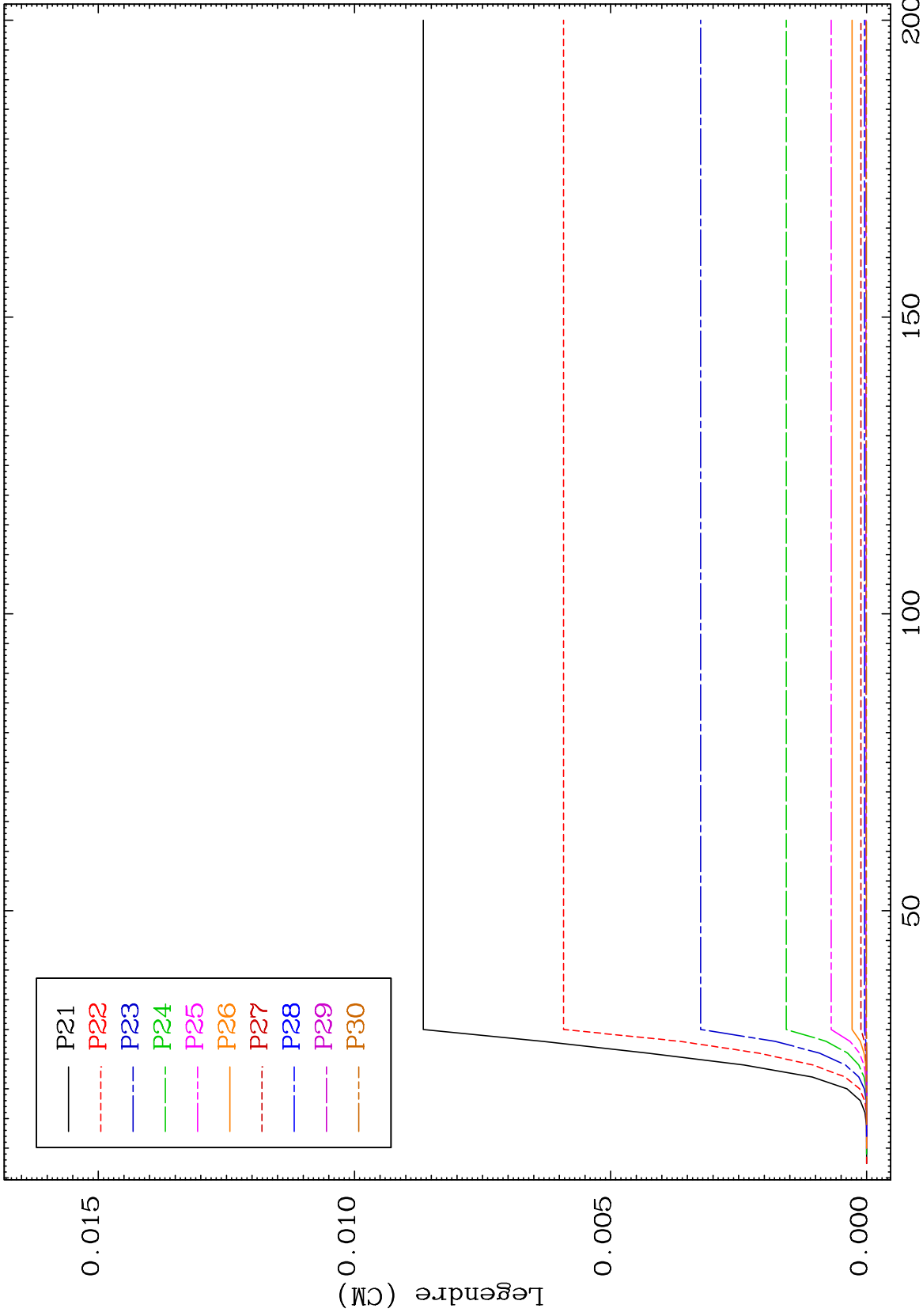
77-Ir-183



20

Incident Energy (MeV)

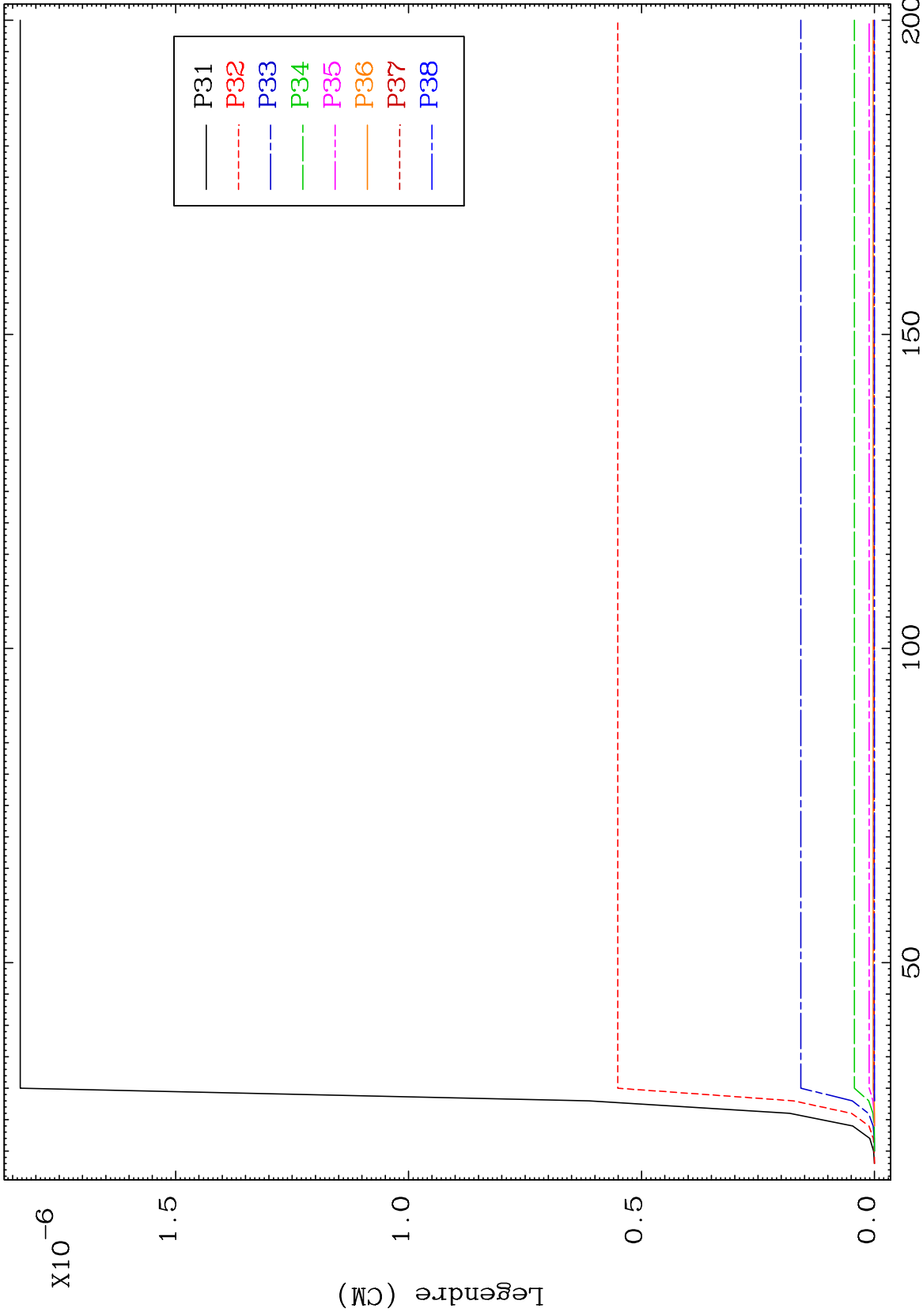
77-Ir-183



MAT 7701

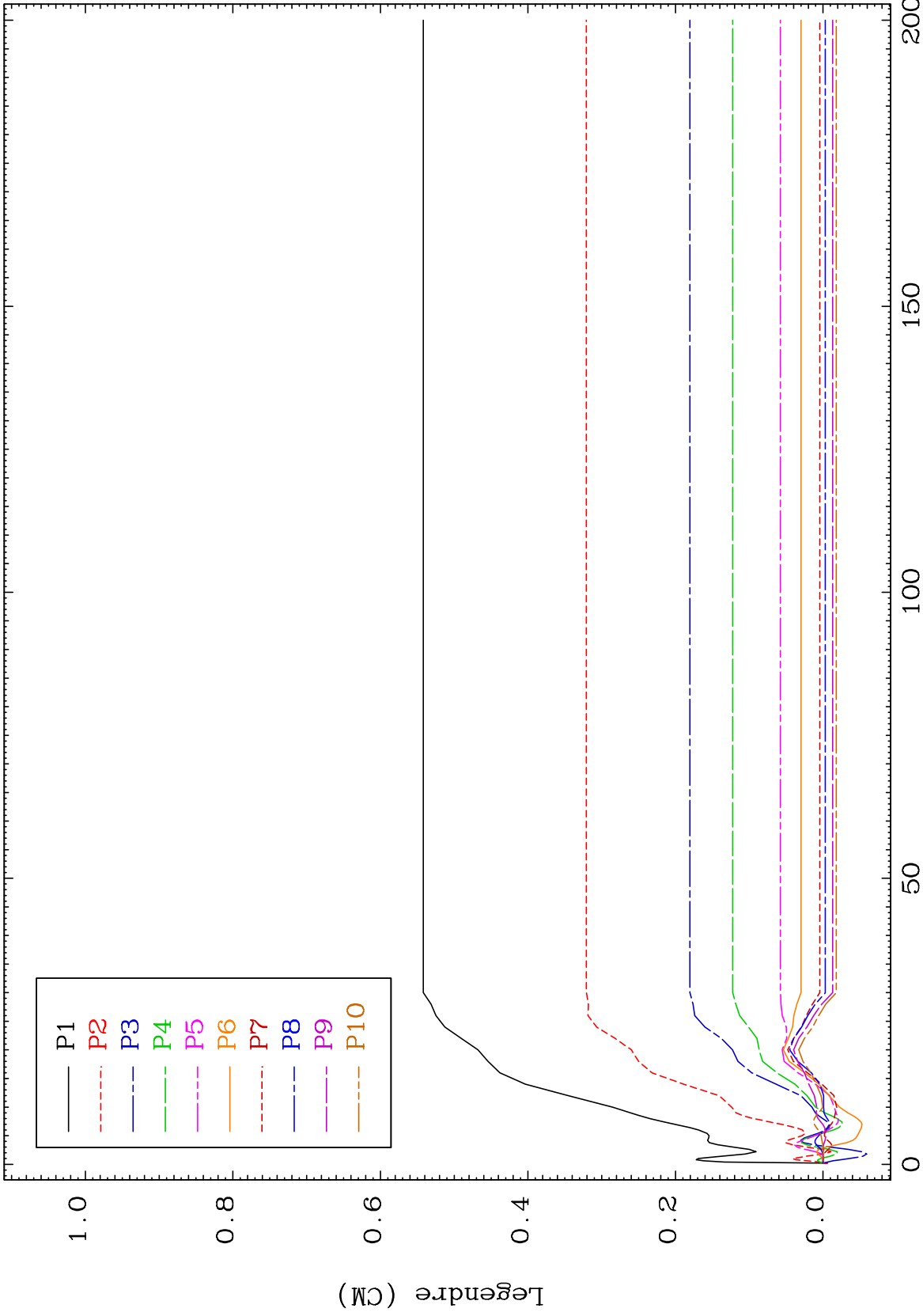
MT= 51 (n,n') Level  
Legendre Coefficients

77-Ir-183



22

77-Ir-183

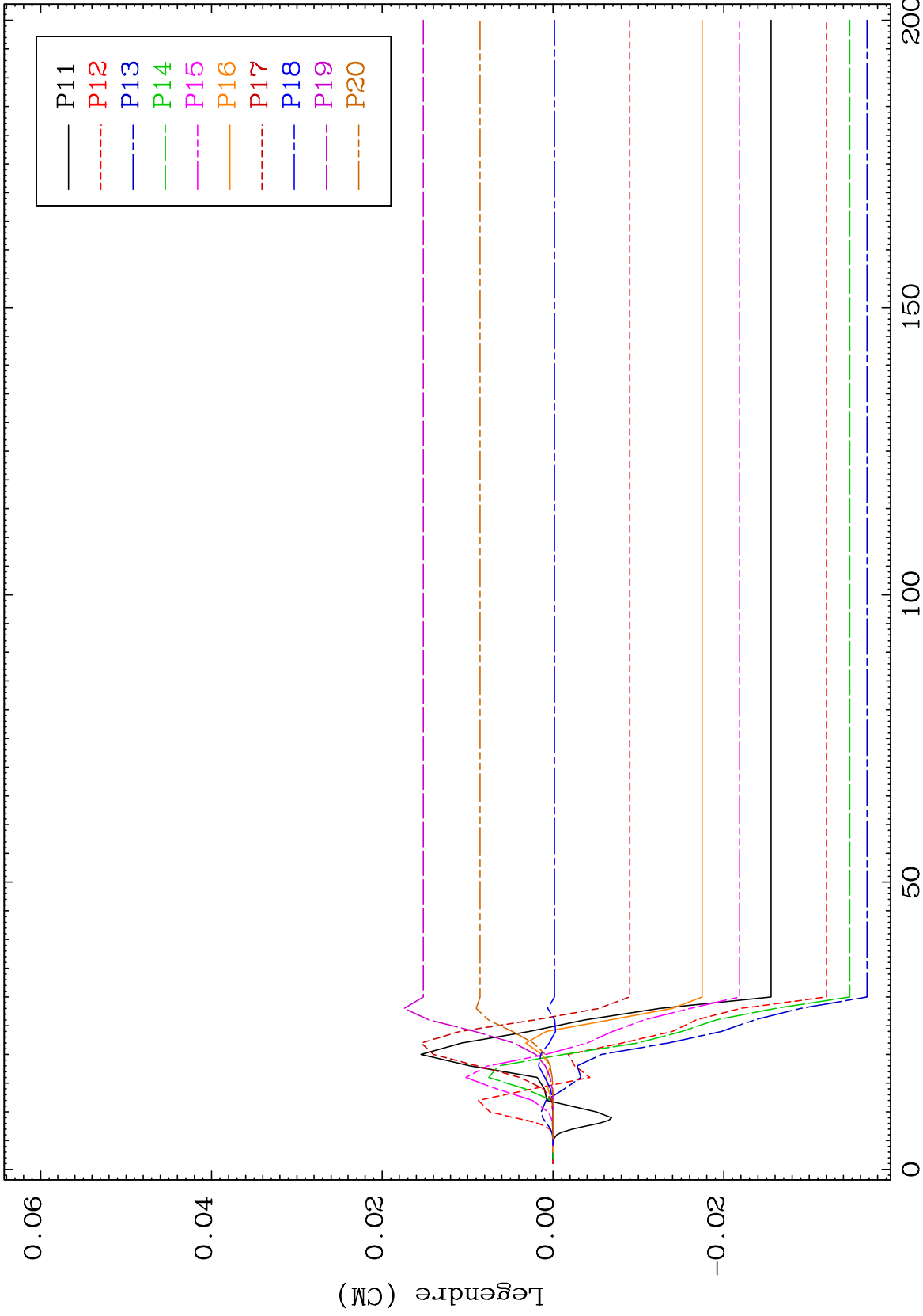




MAT 7701

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

77-Ir-183



24

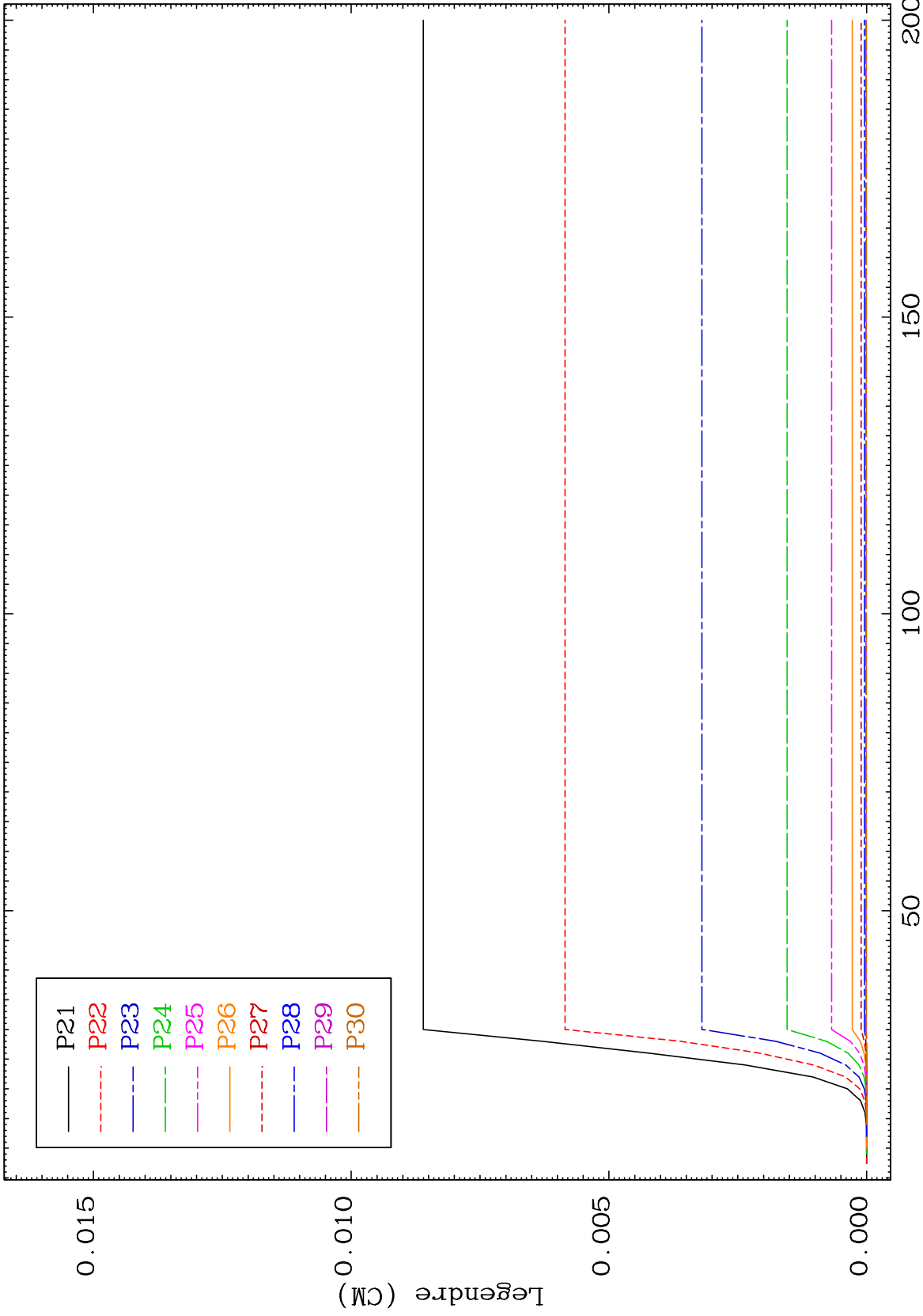
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

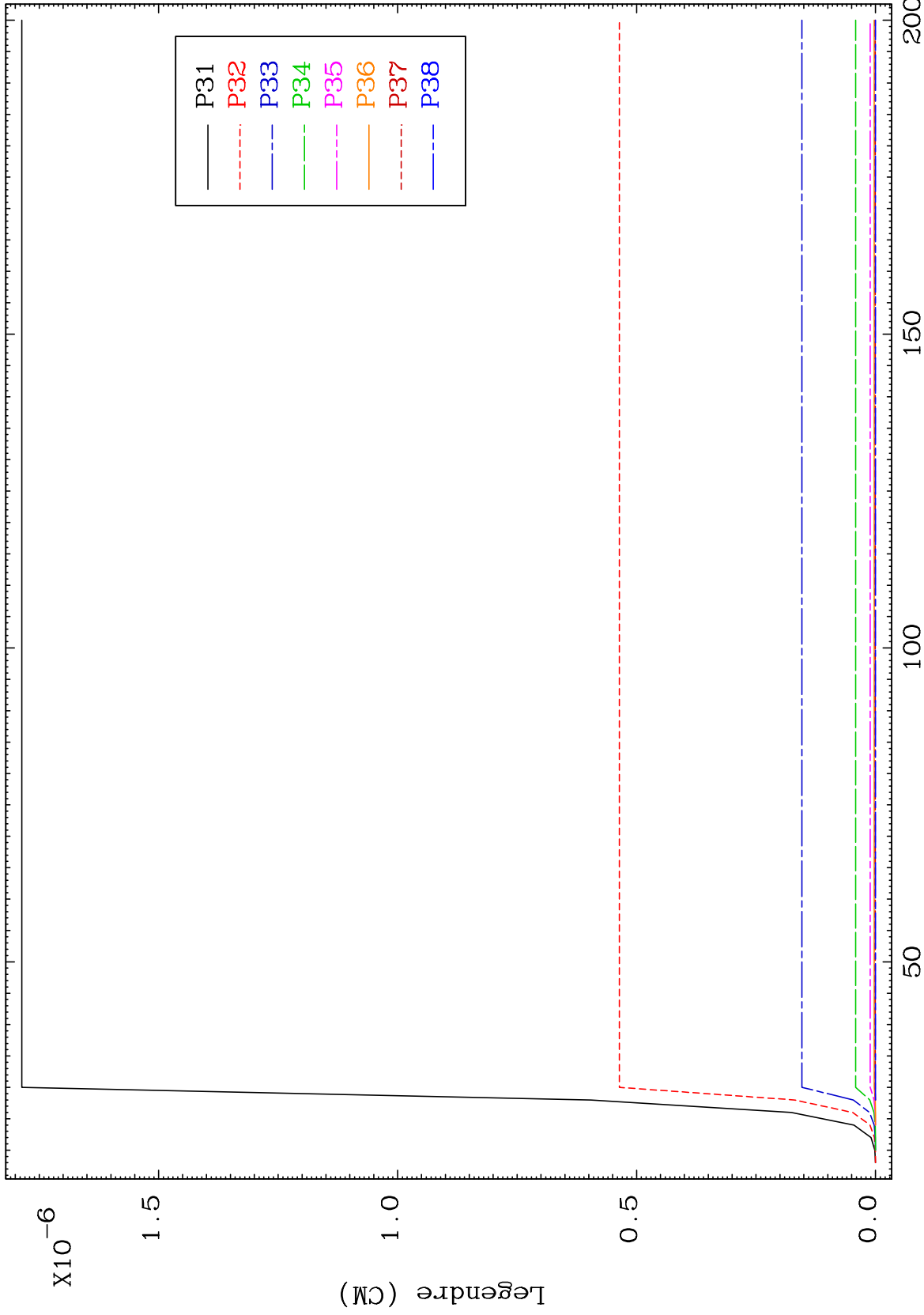
77-Ir-183



25

Incident Energy (MeV)

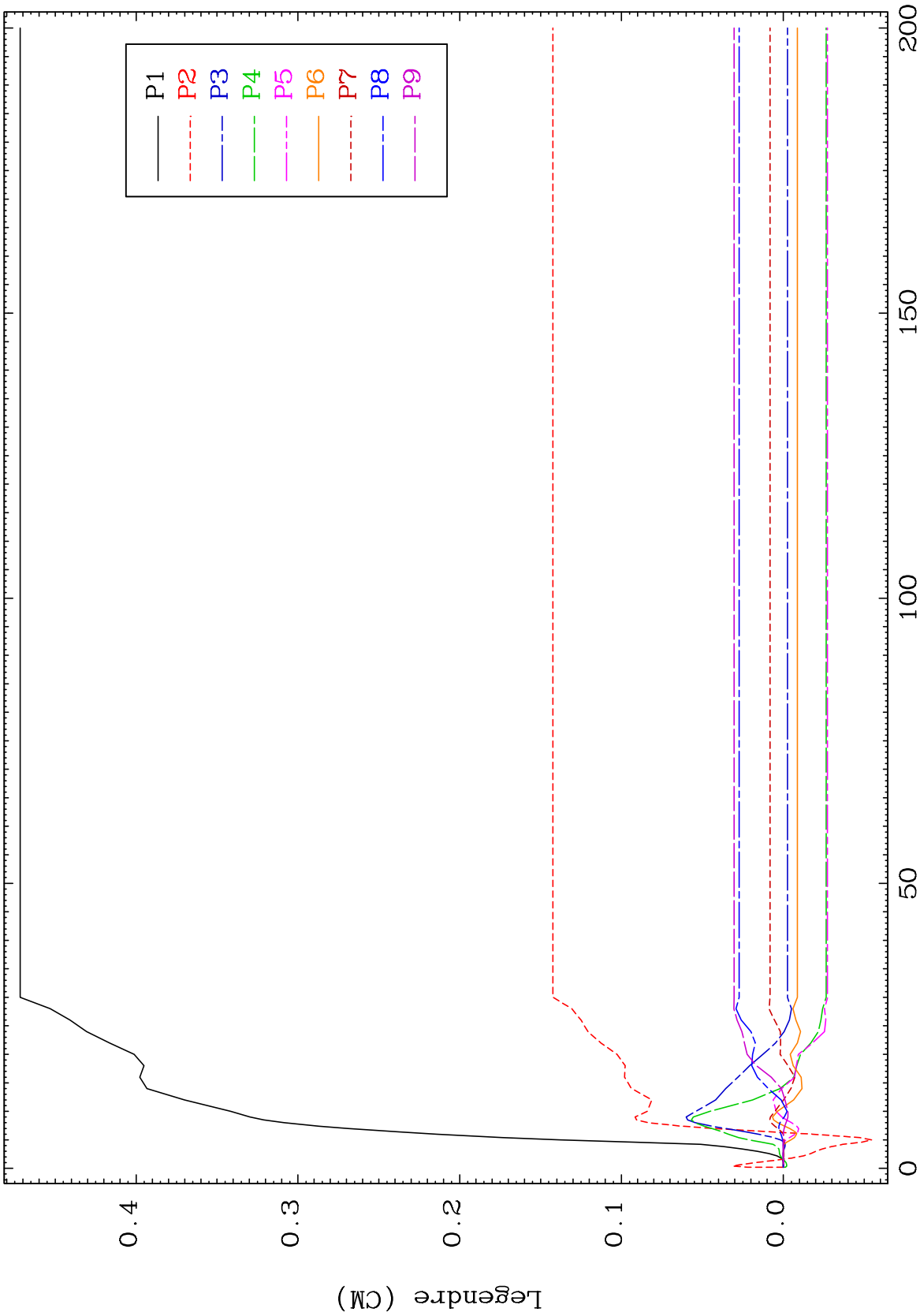
77-Ir-183



MAT 7701

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

77-Ir-183



27

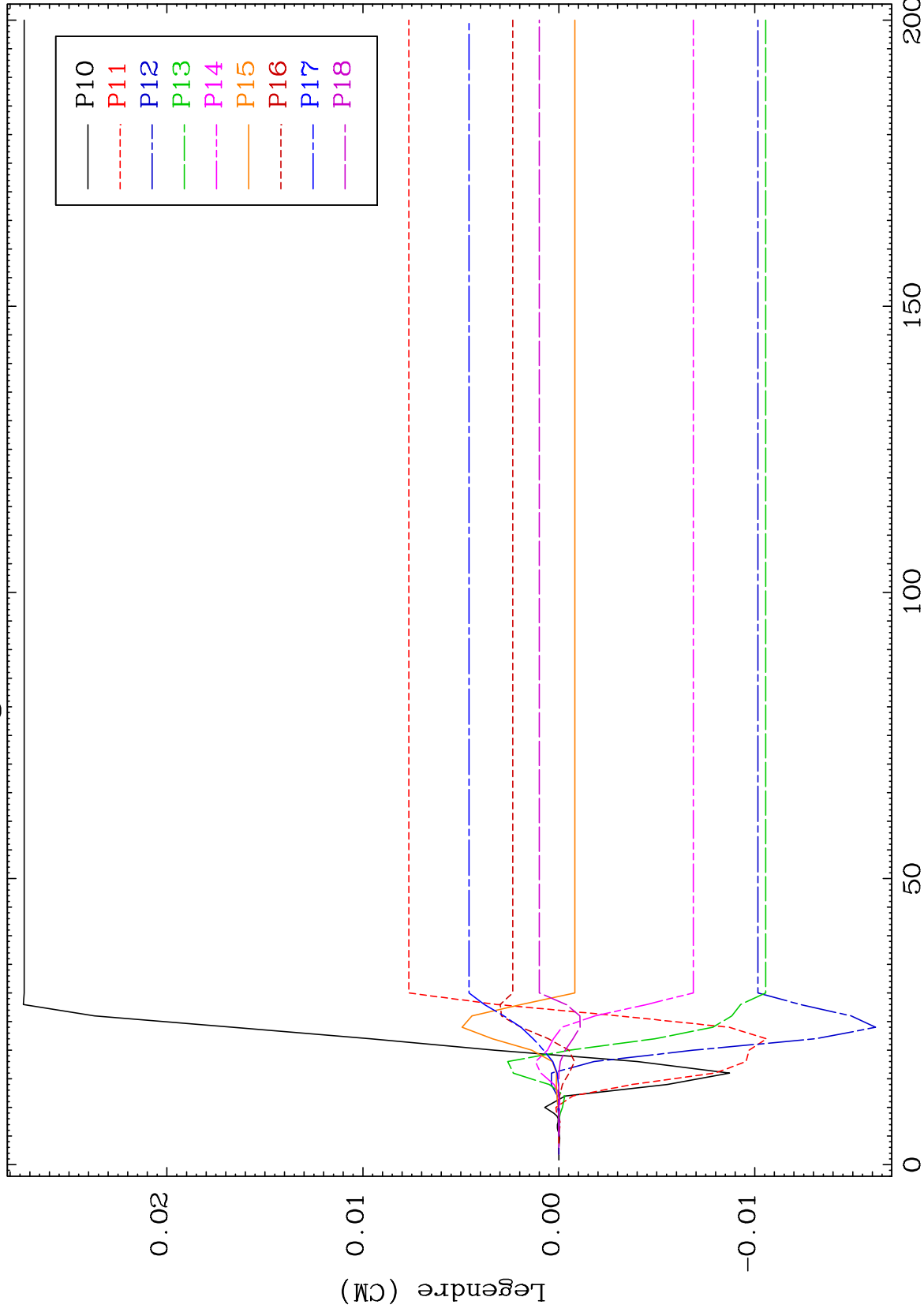
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



28

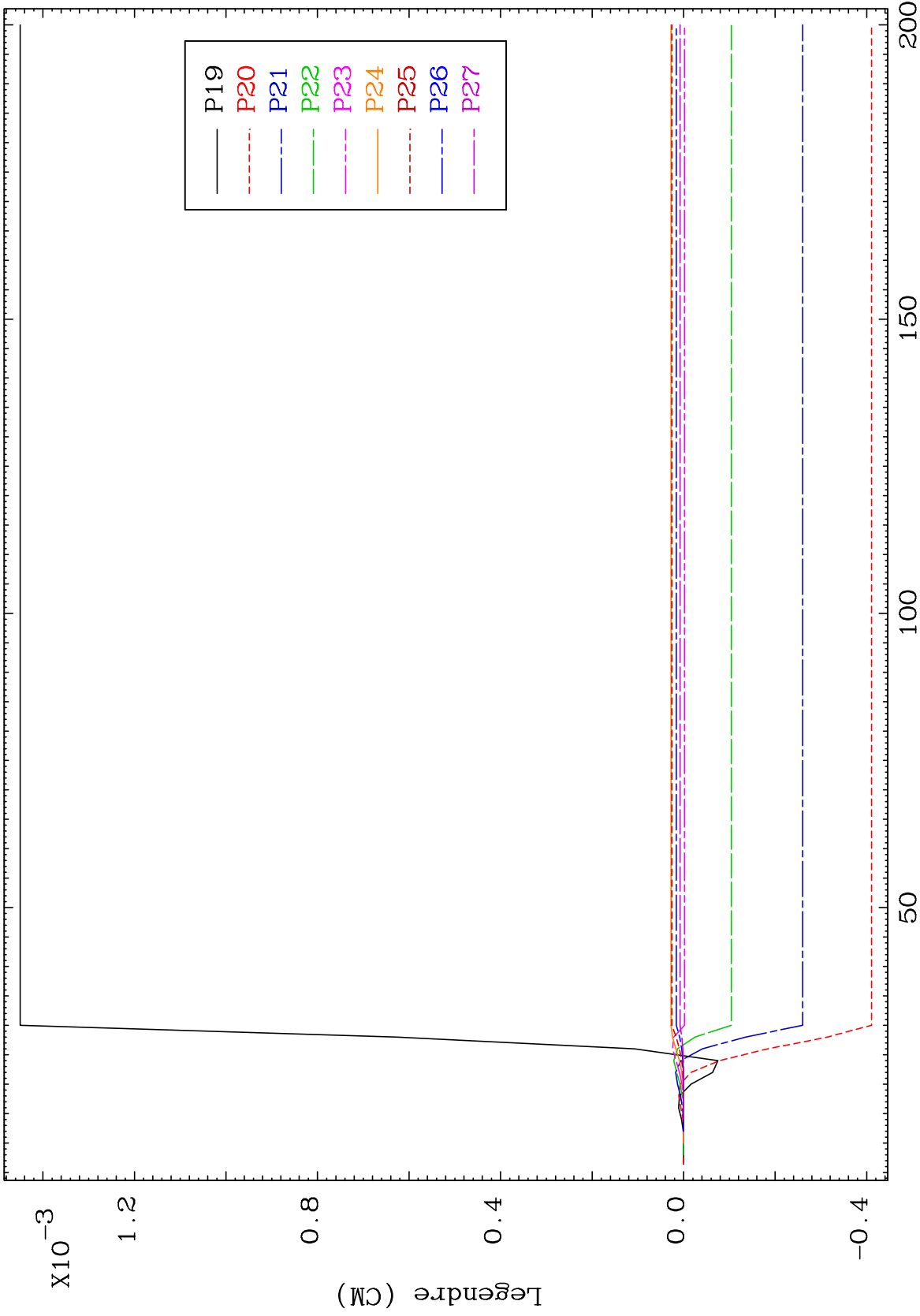
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



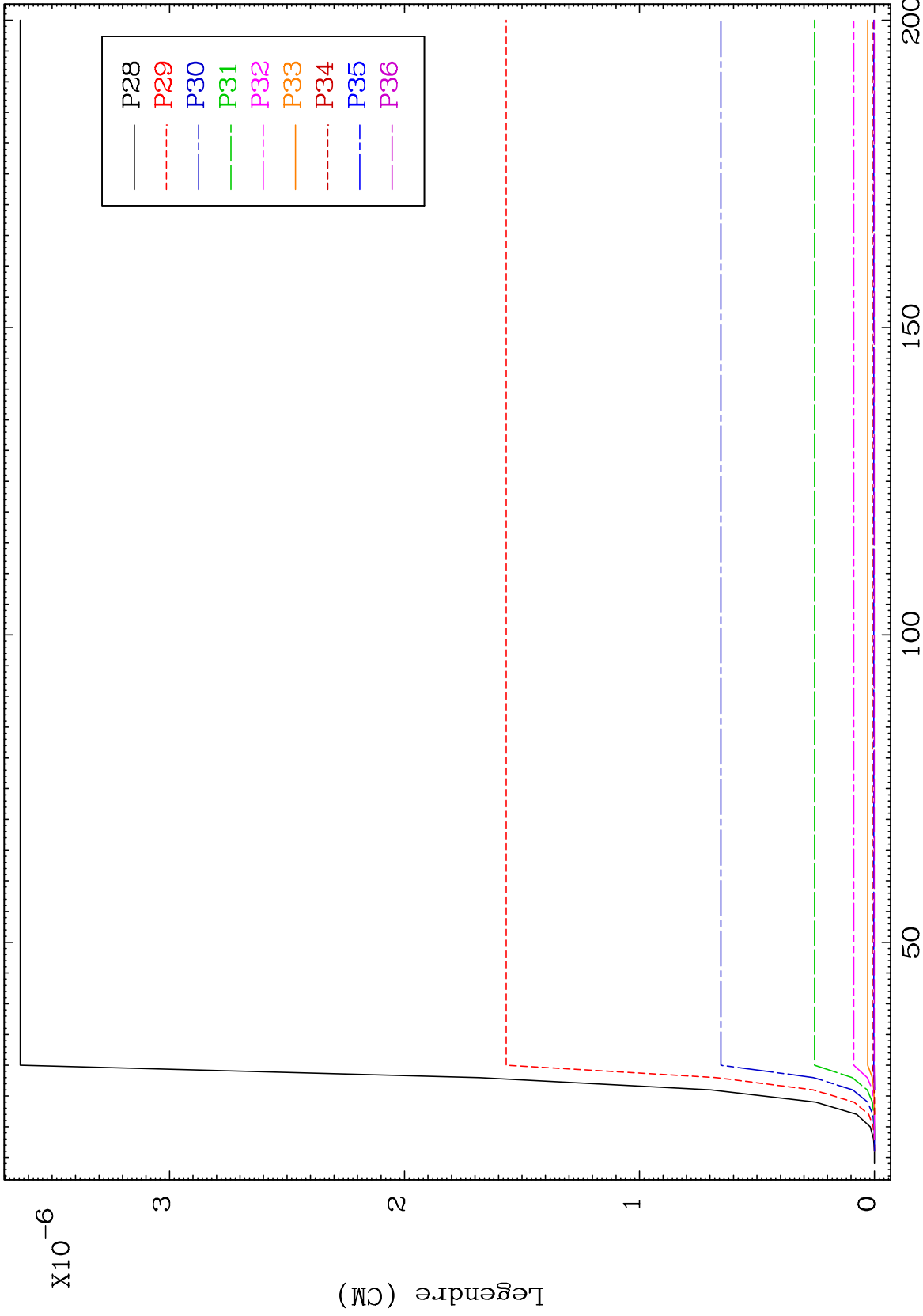
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77-Ir-183

MAT 7701

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

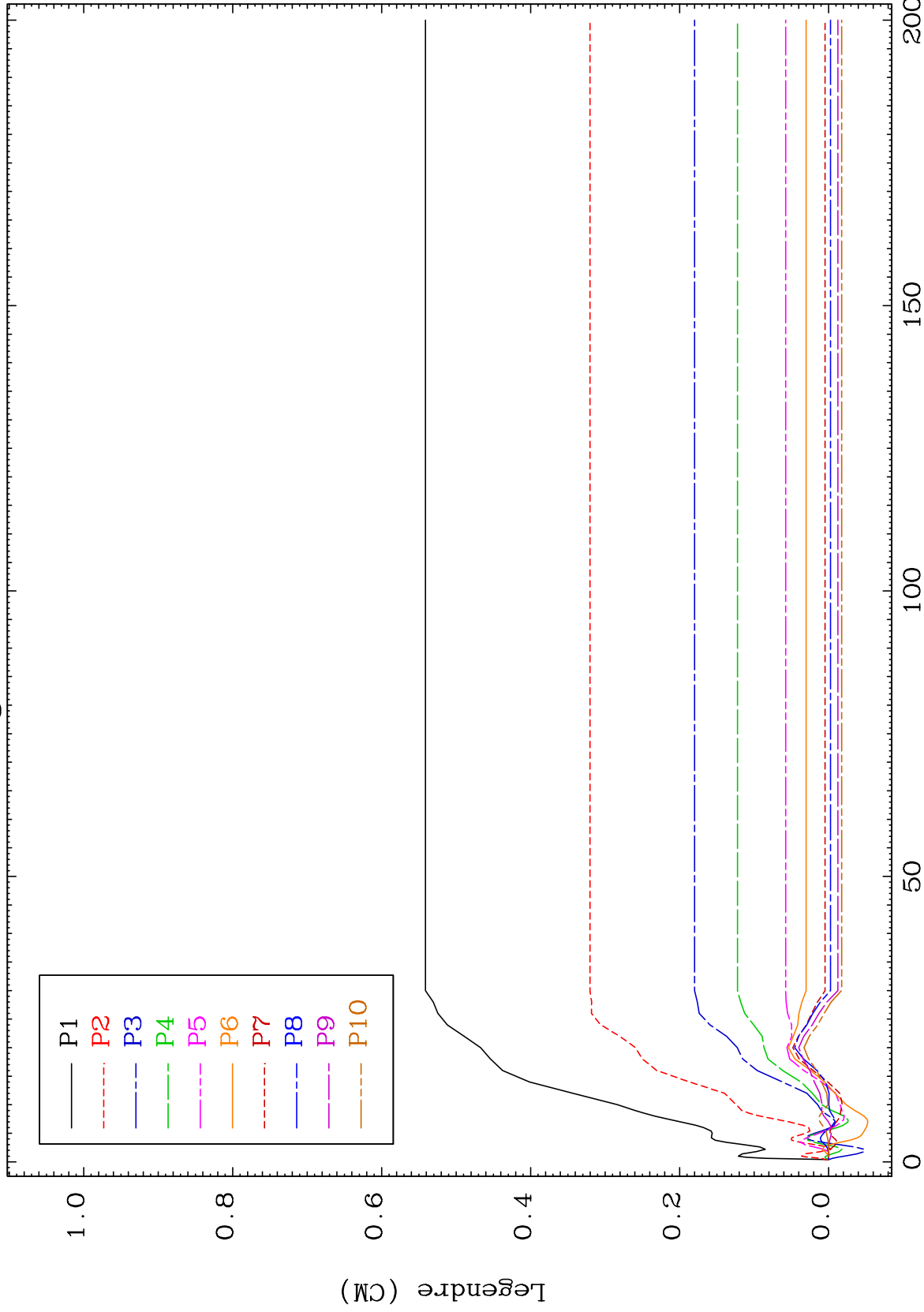
77-Ir-183



30

Incident Energy (MeV)

77-Ir-183

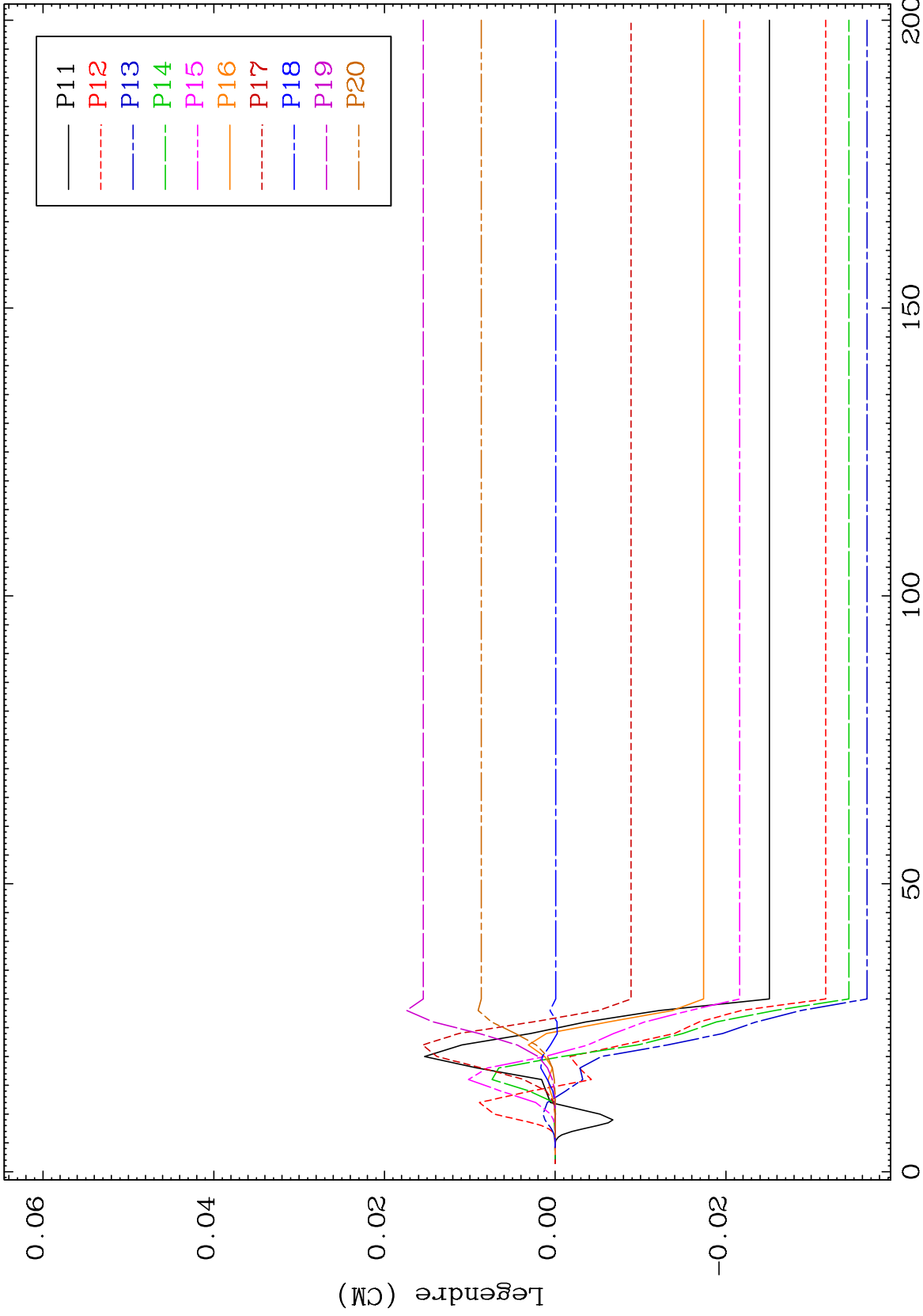




MAT 7701

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

77-Ir-183



32

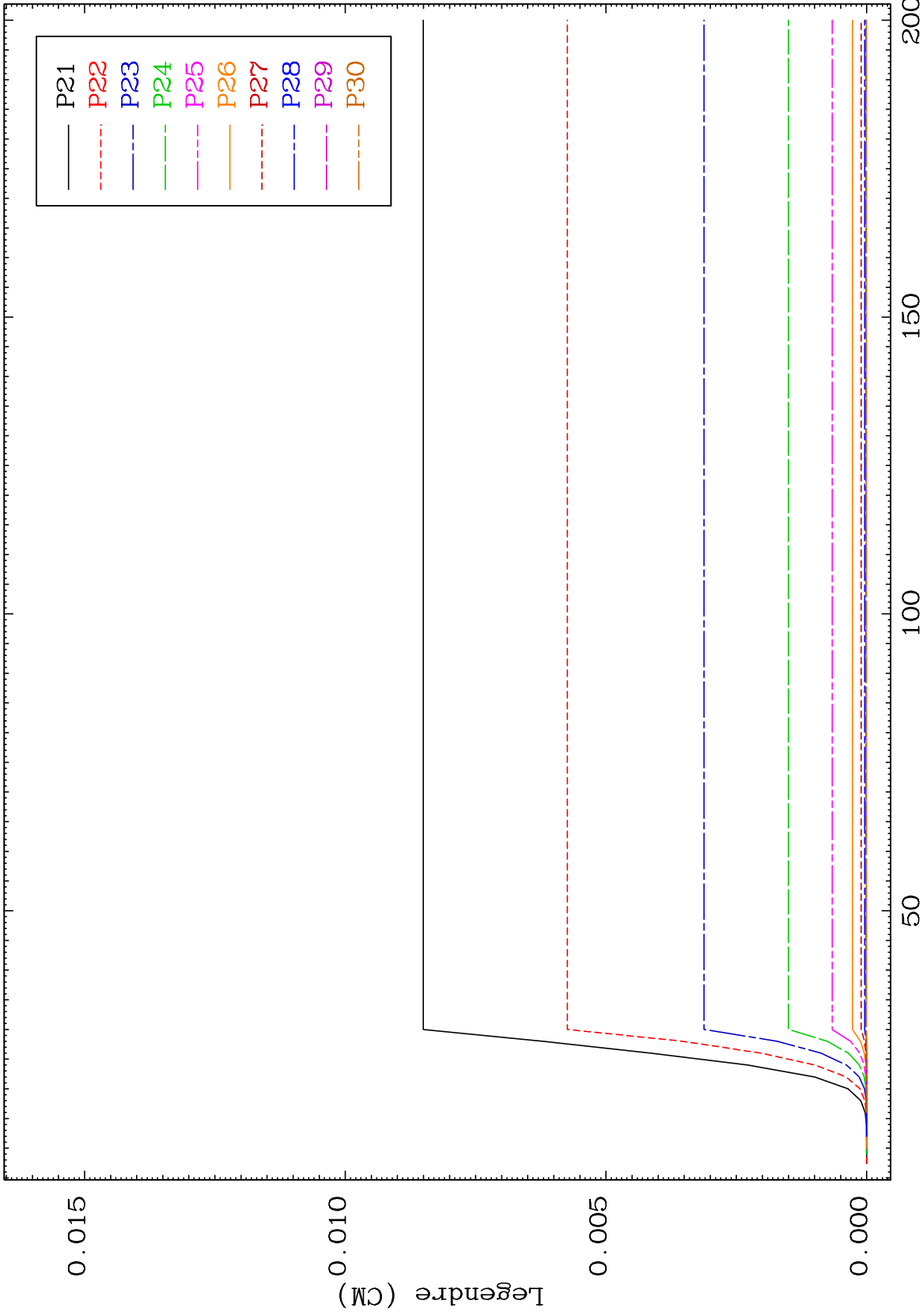
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



33

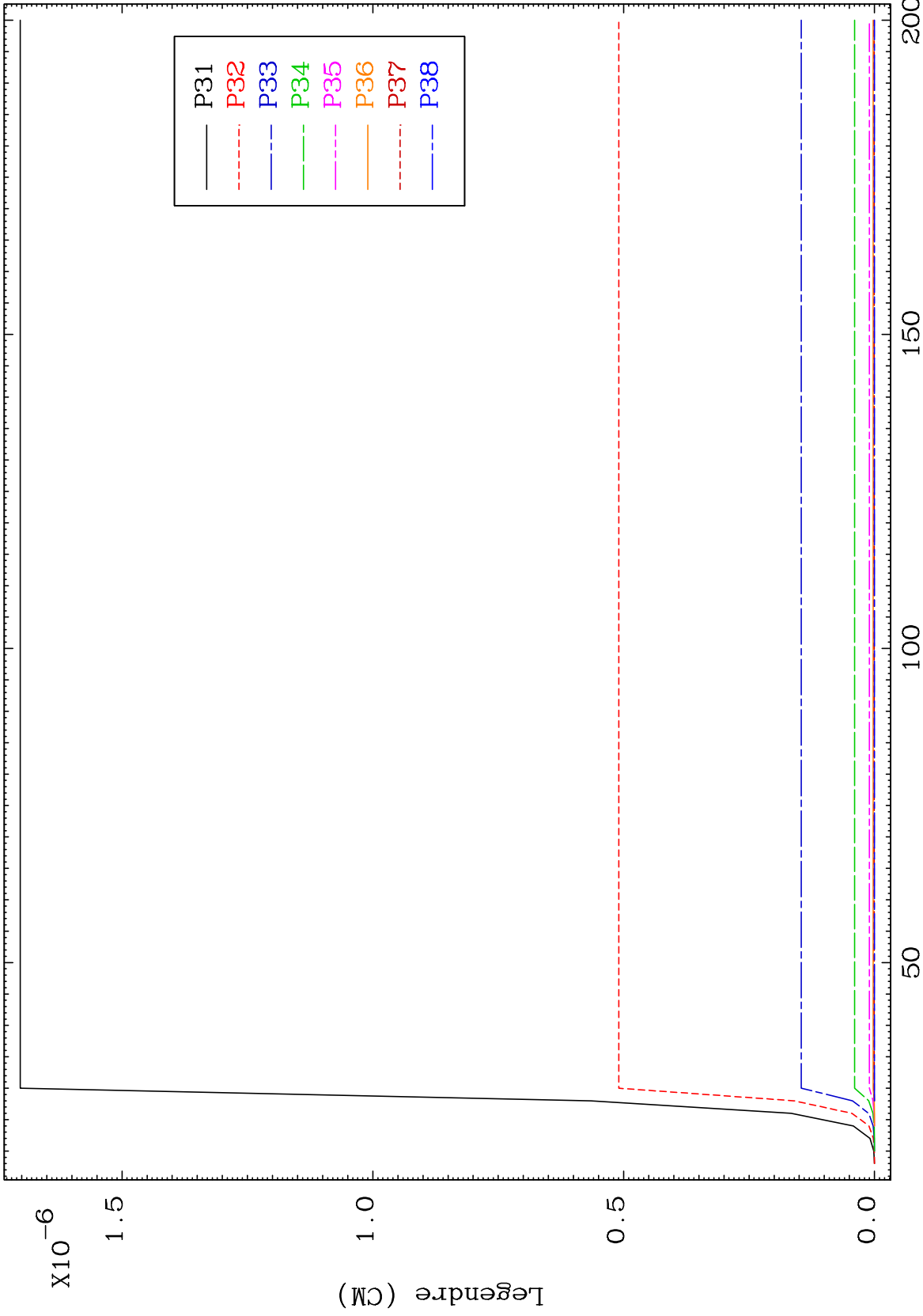
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



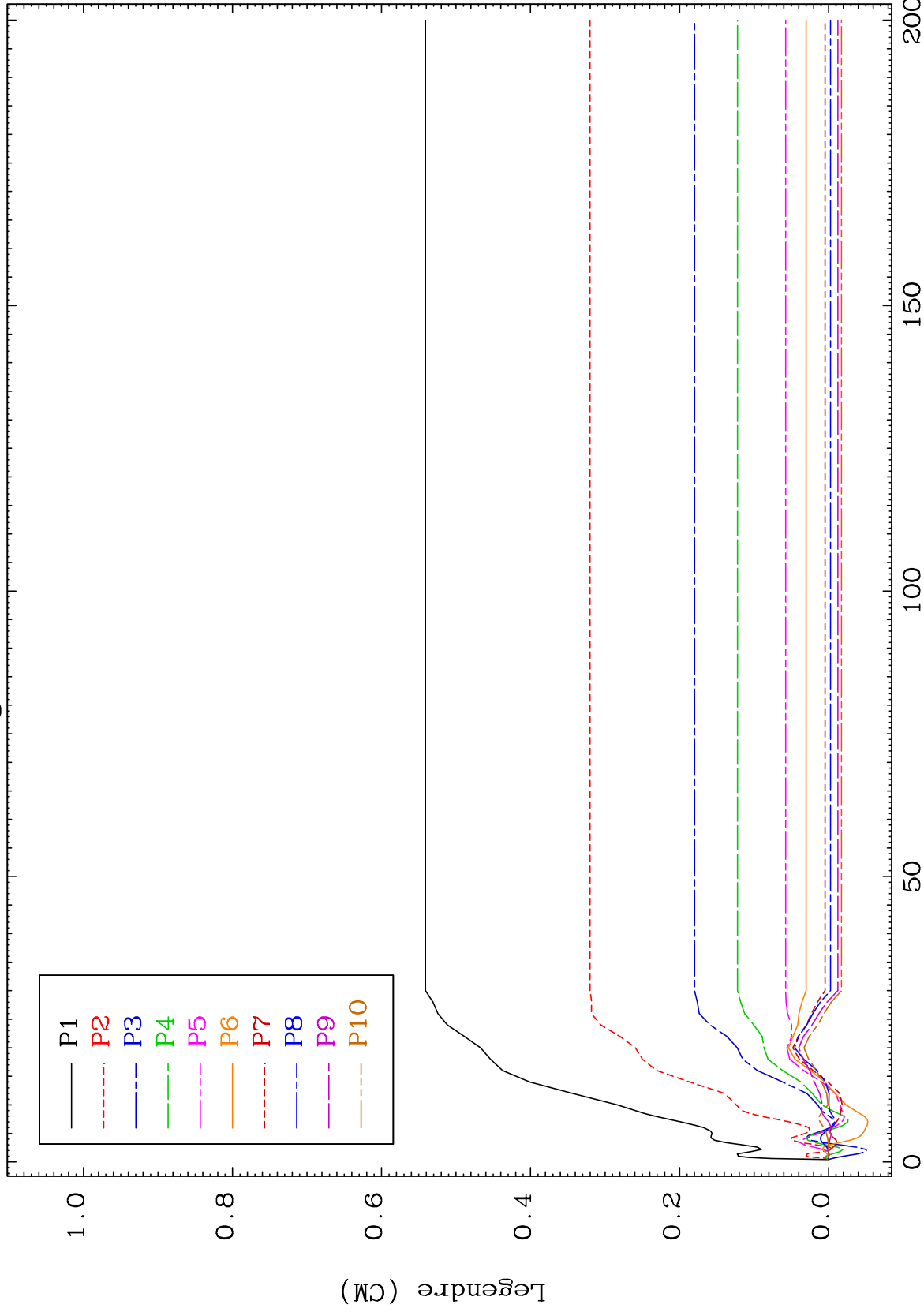
34

77-Ir-183

MAT 7701

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

77-Ir-183



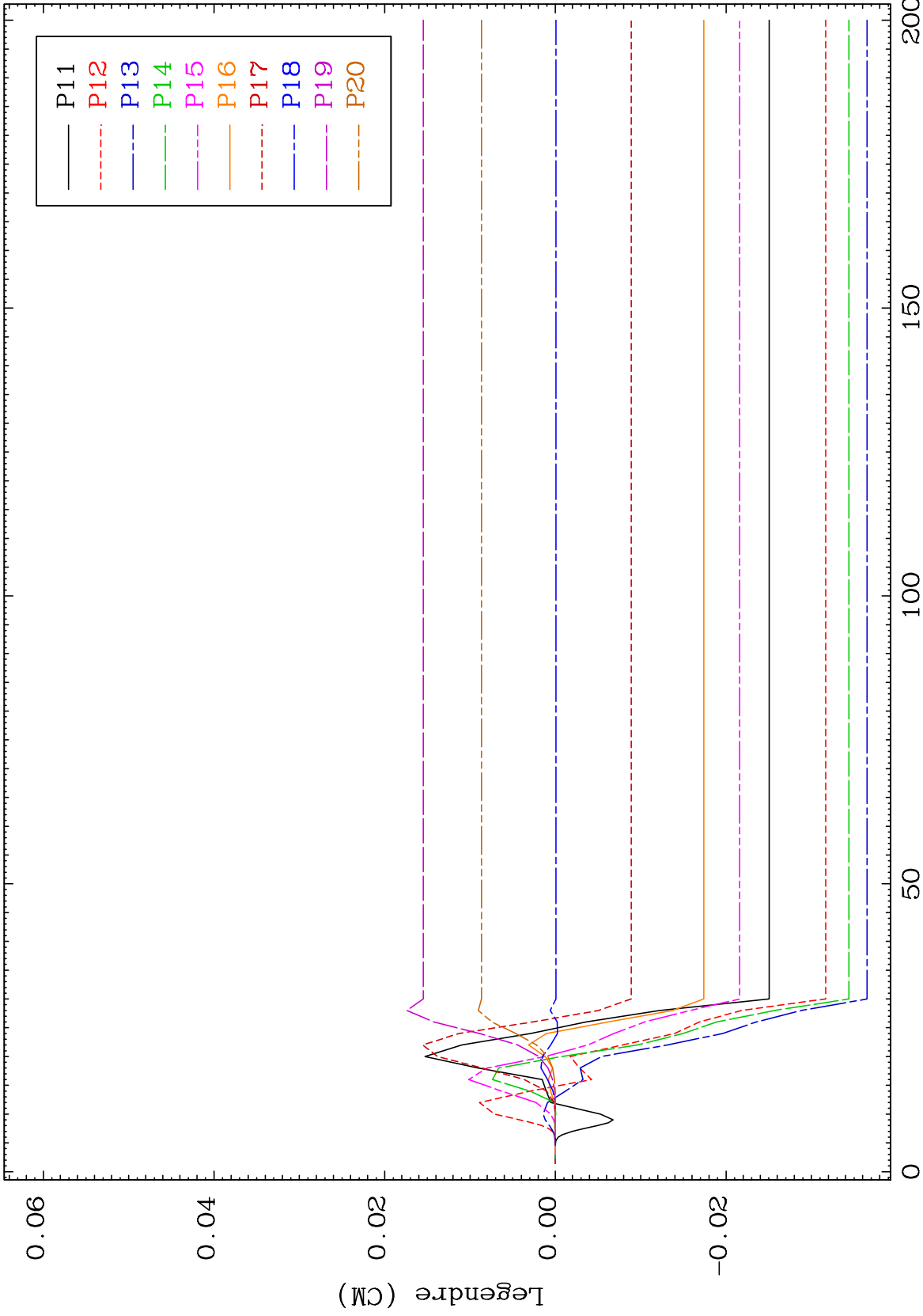
35

77-Ir-183

MAT 7701

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

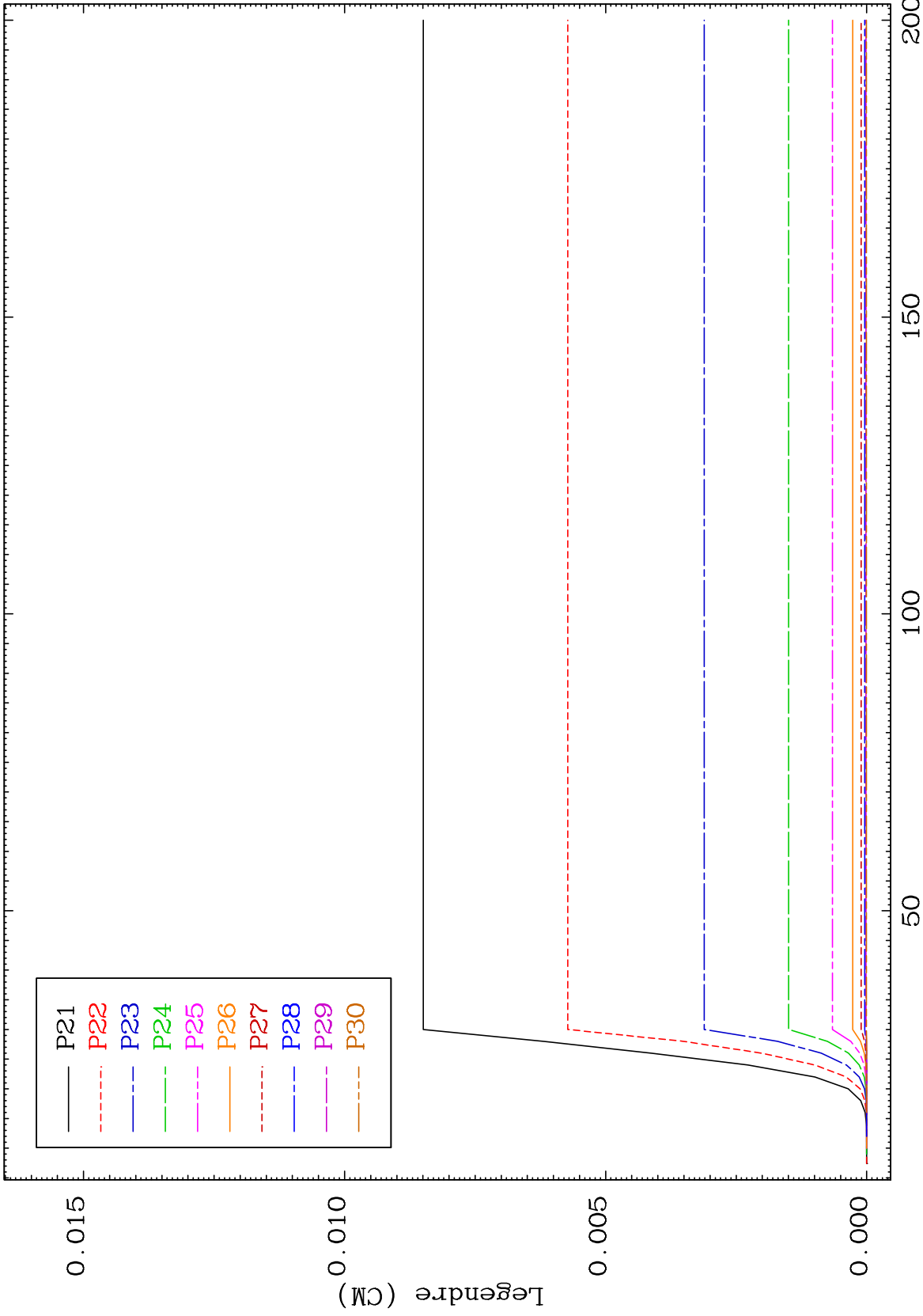
77-Ir-183



36

Incident Energy (MeV)

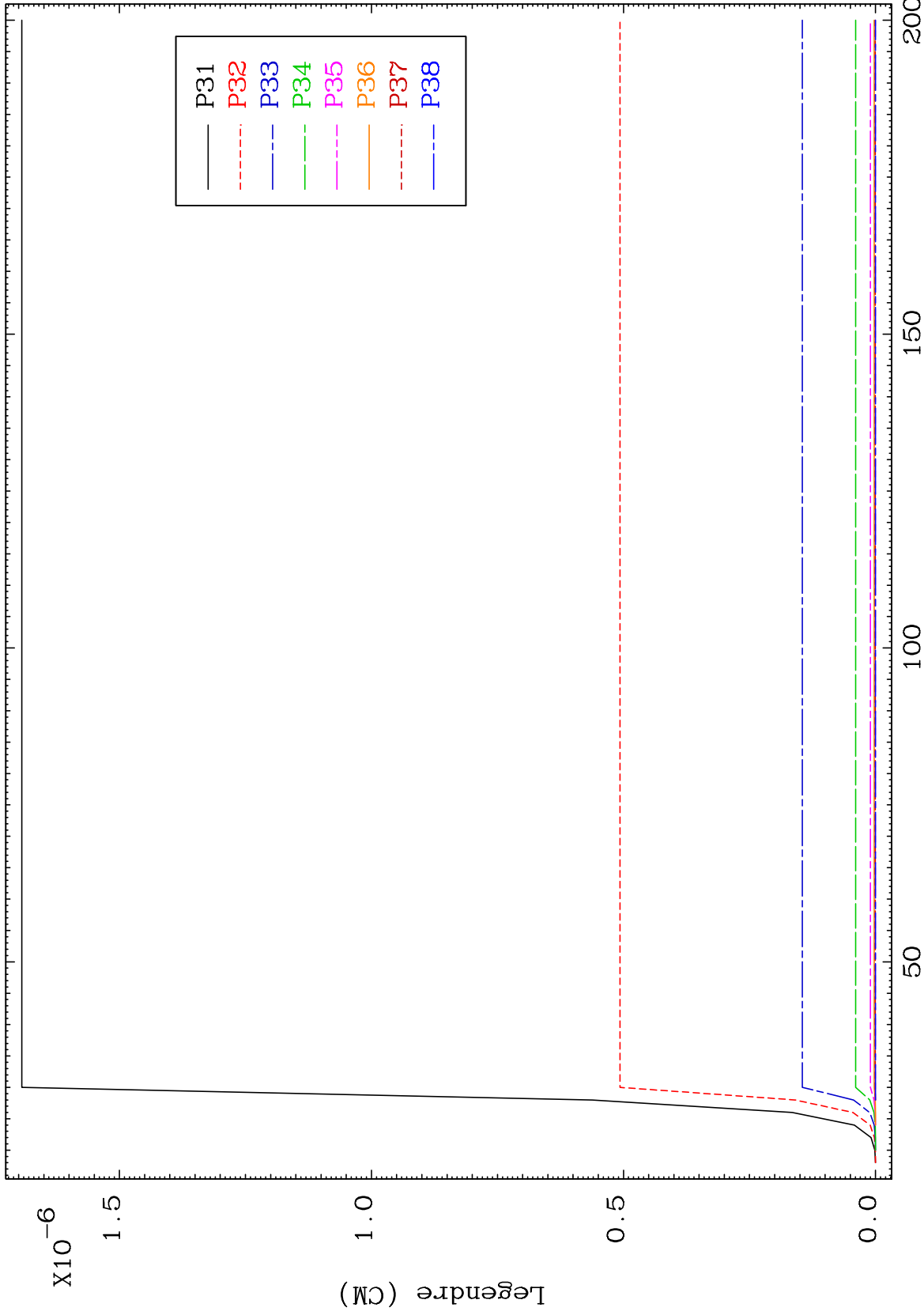
77-Ir-183



MAT 7701

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

77-Ir-183



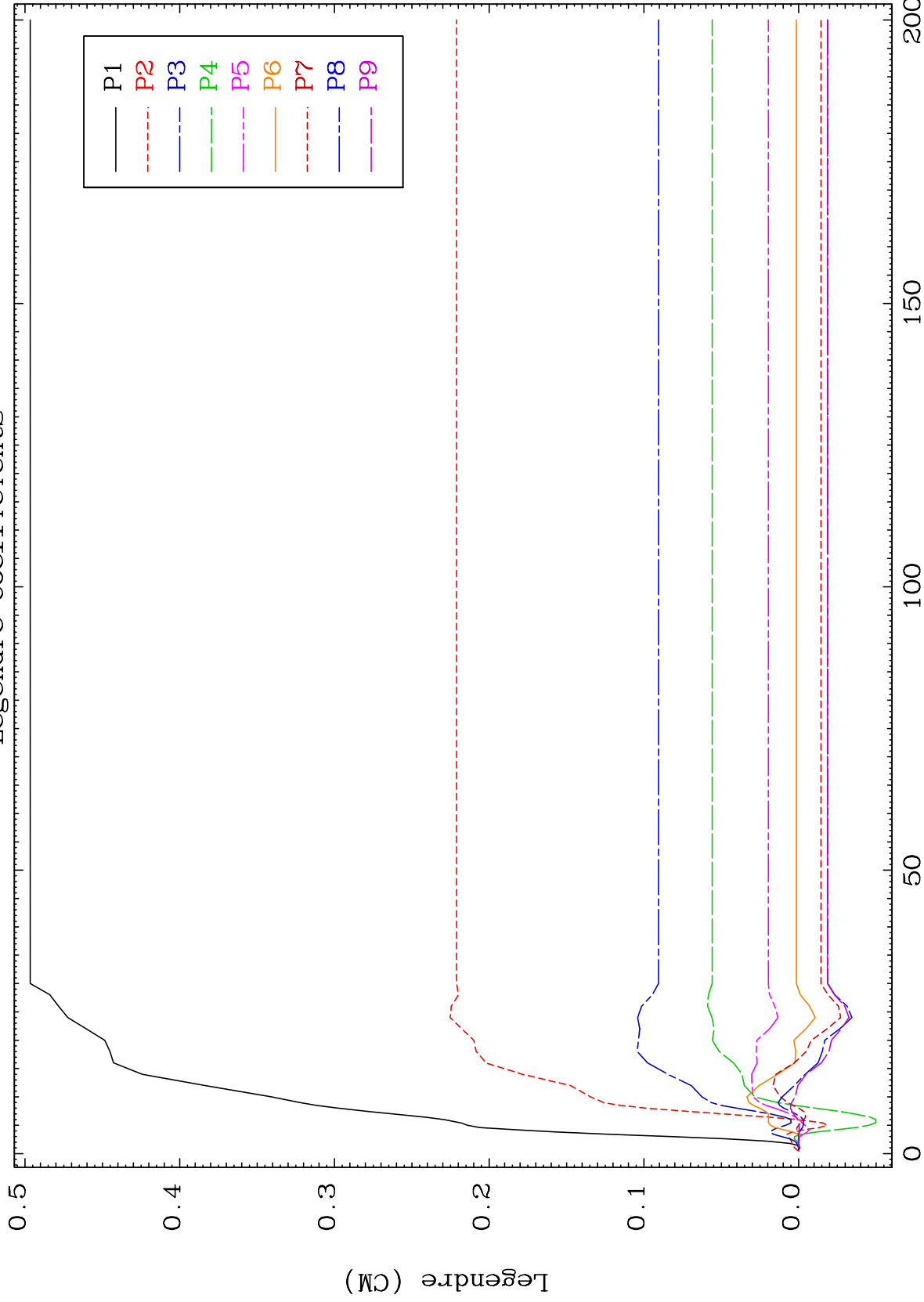
38

77-Ir-183

MAT 7701

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

77-Ir-183



39

Incident Energy (MeV)

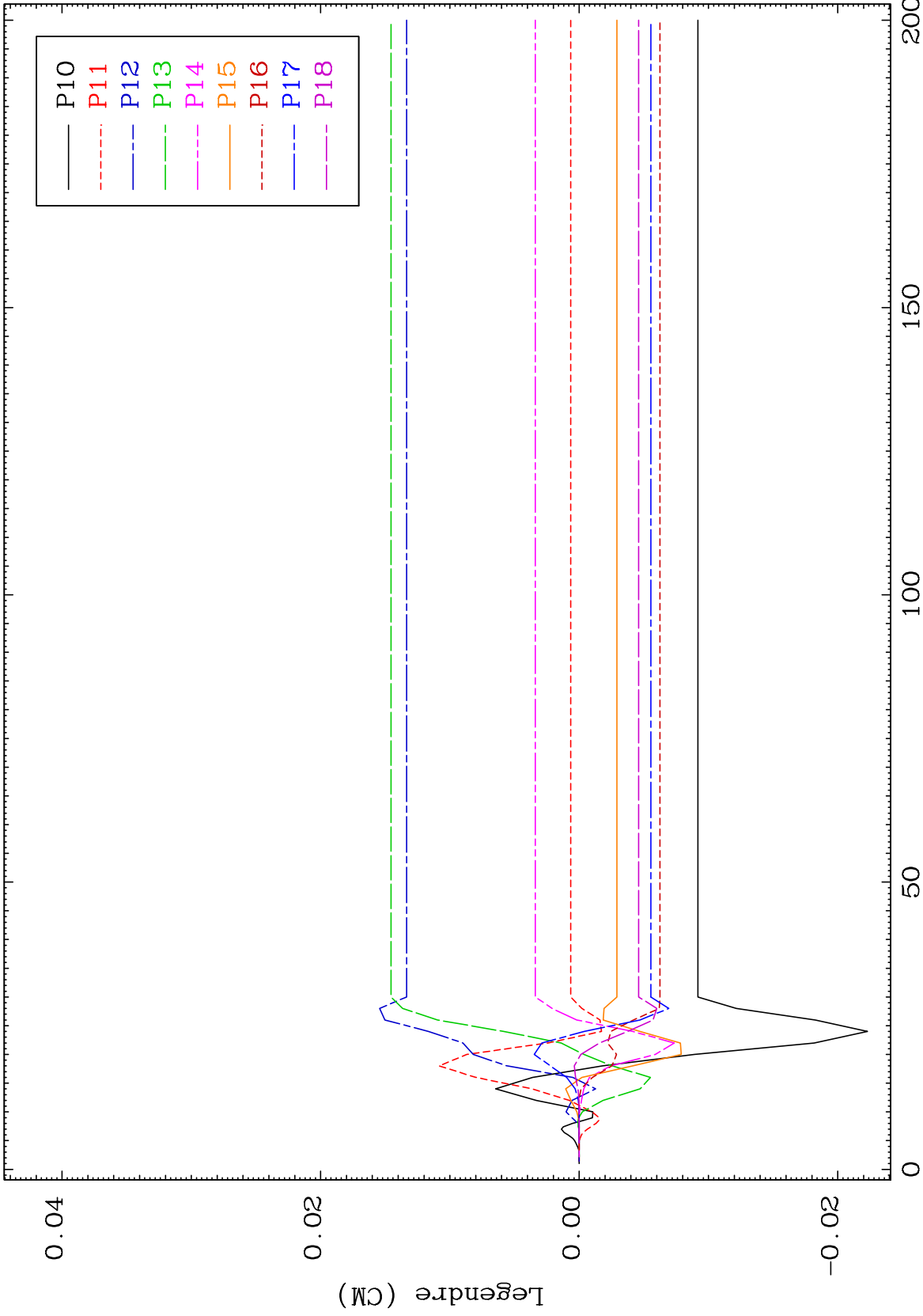
77-Ir-183



MAT 7701

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

77-Ir-183



77-Ir-183

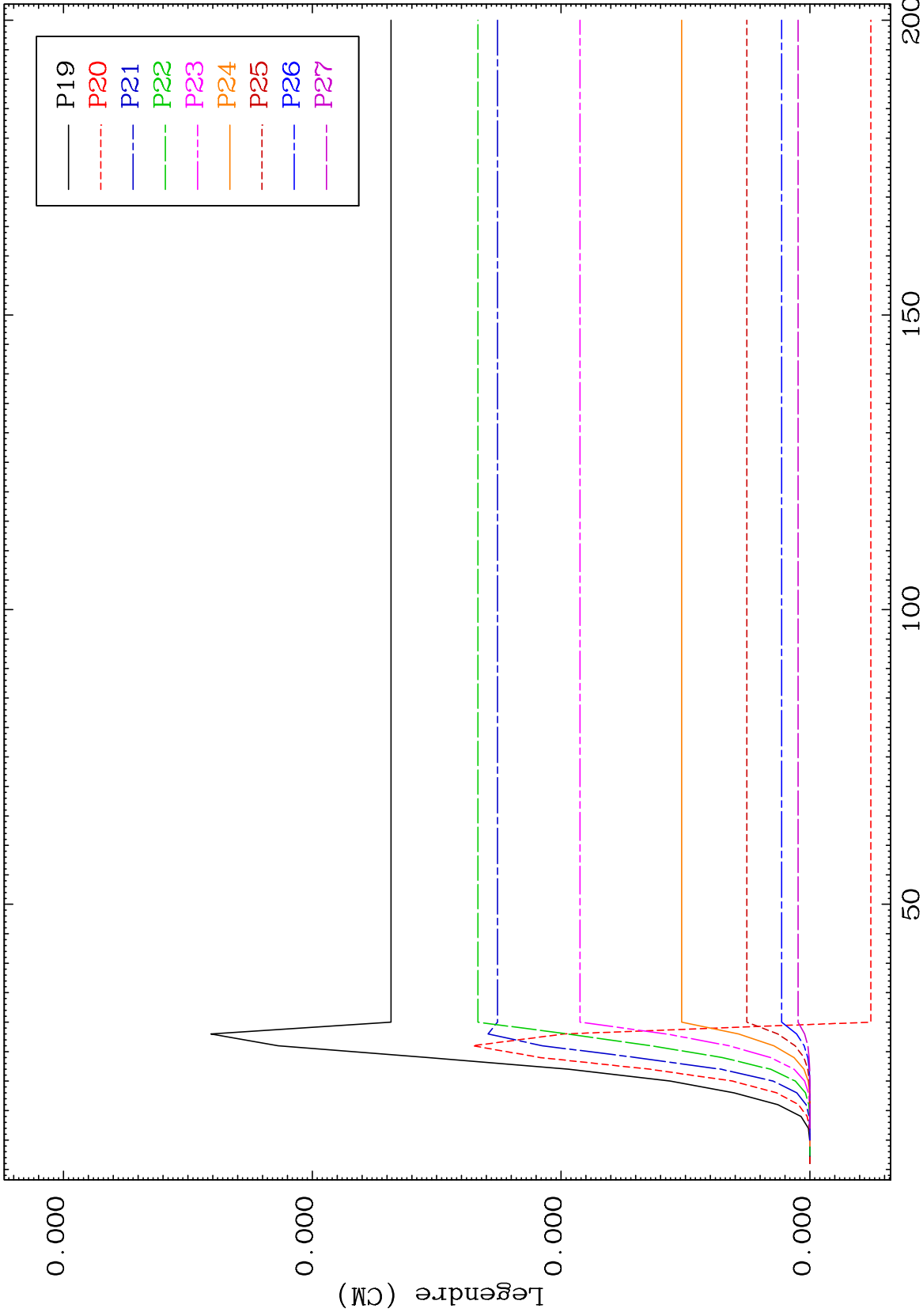
Incident Energy (MeV)

40

MAT 7701

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

77-Ir-183



41

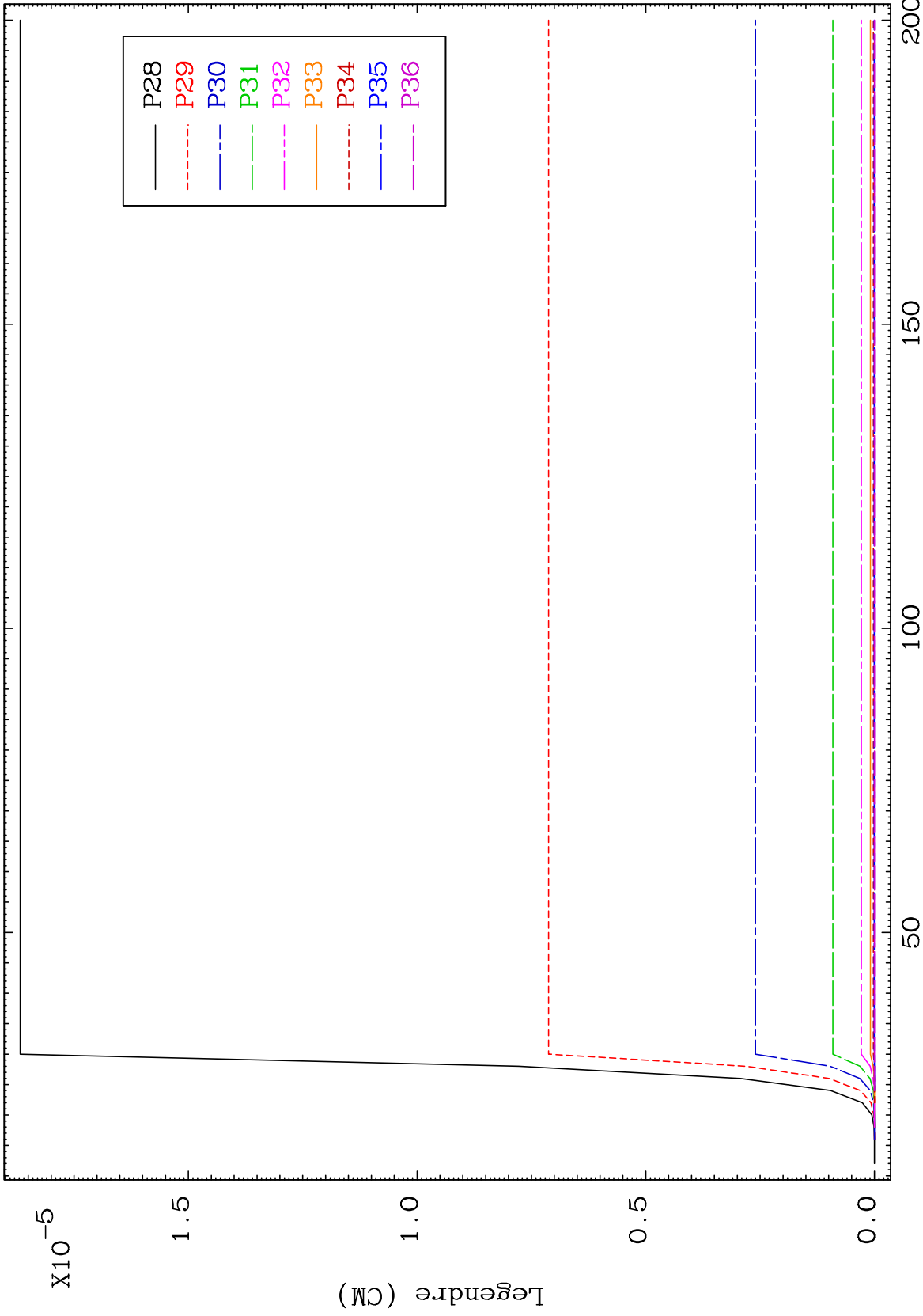
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



42

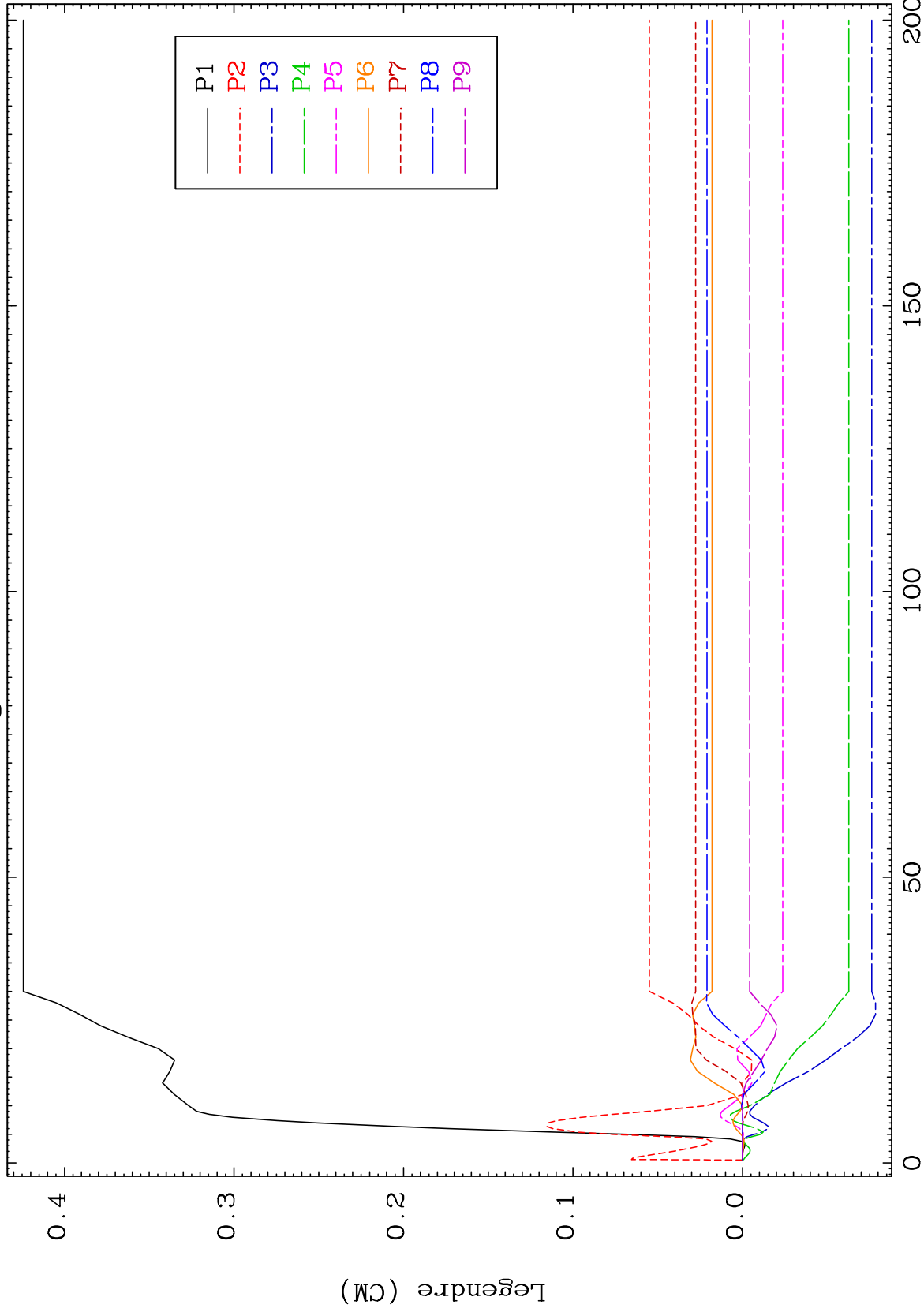
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



43

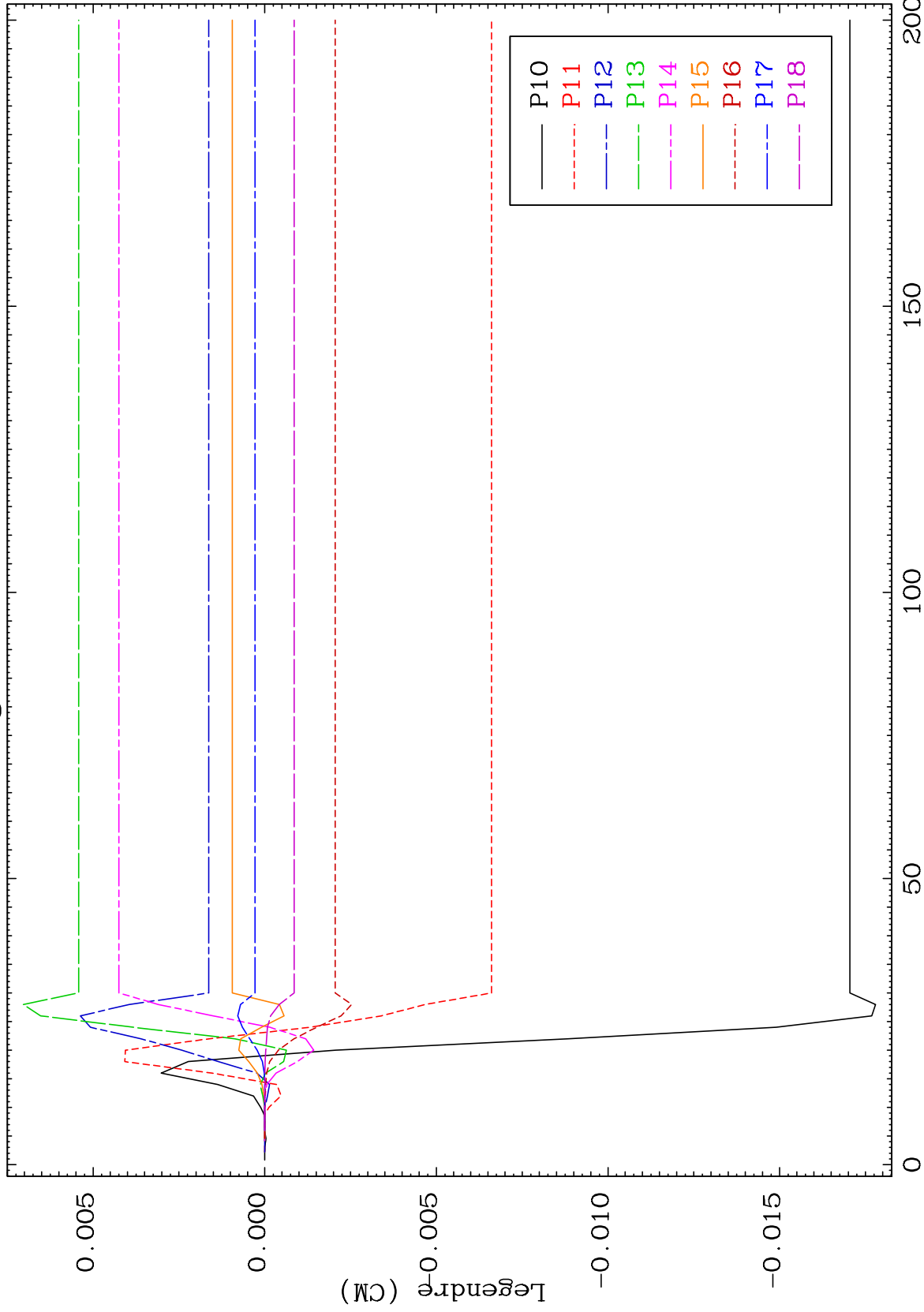
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



44

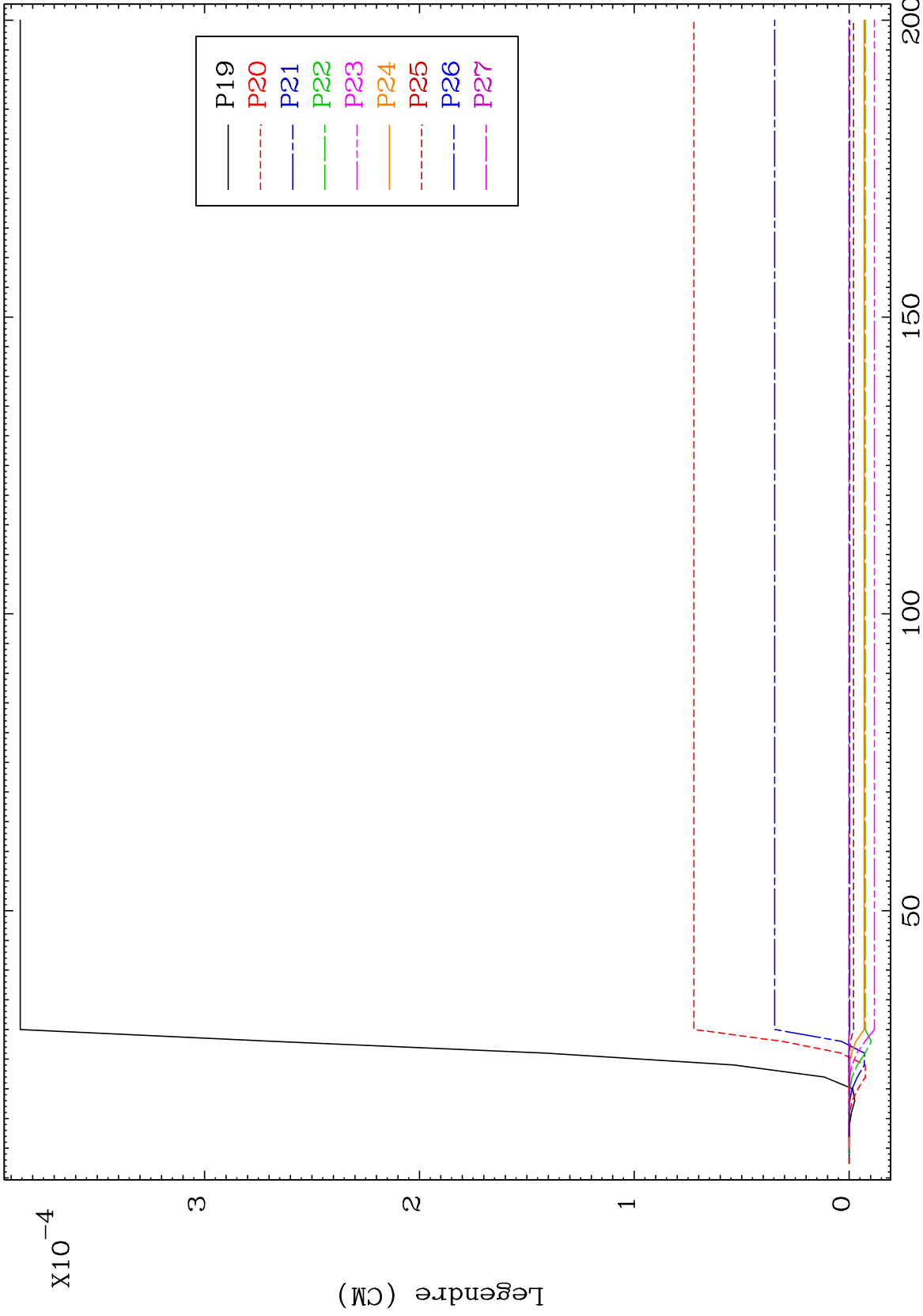
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



45

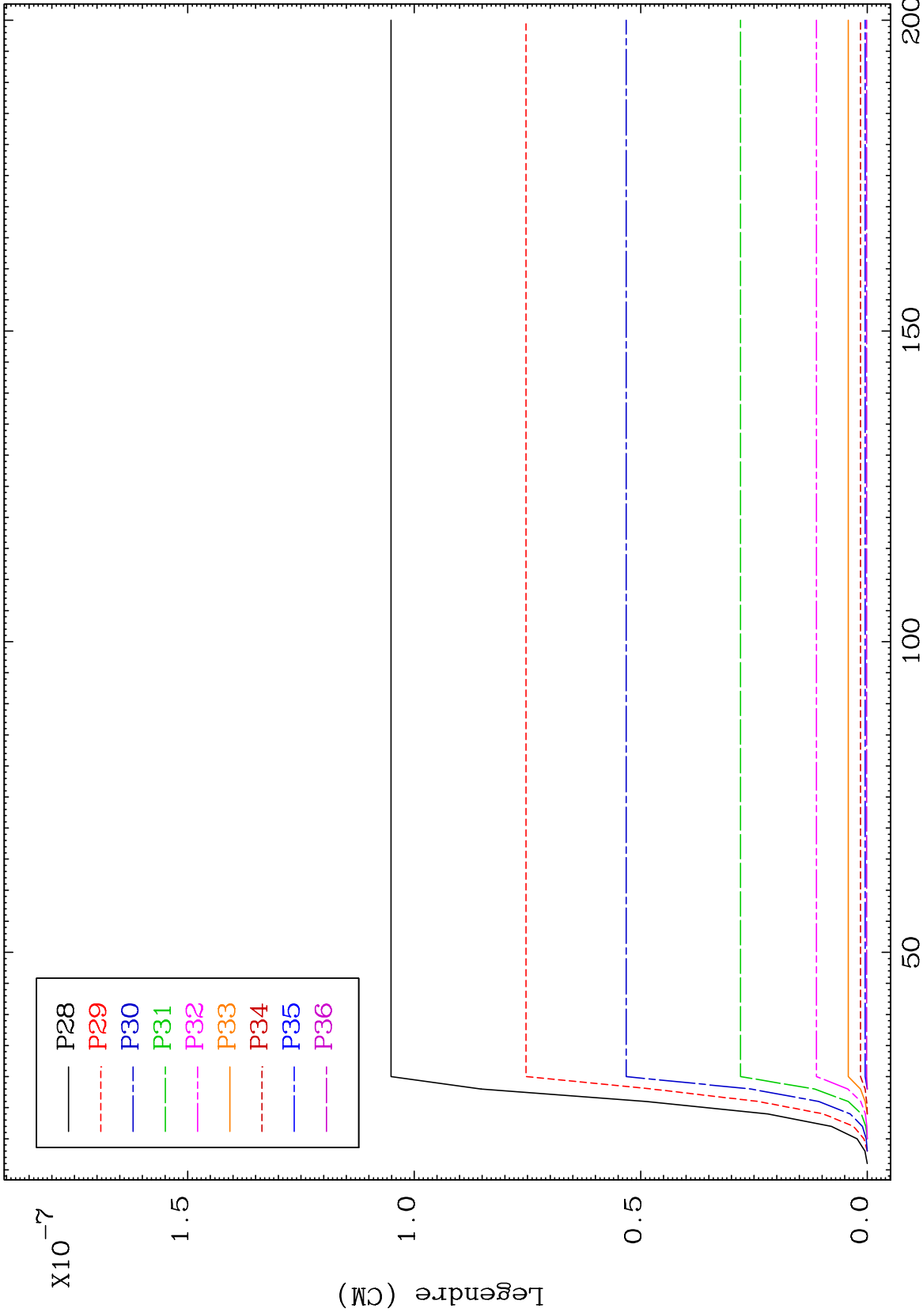
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



46

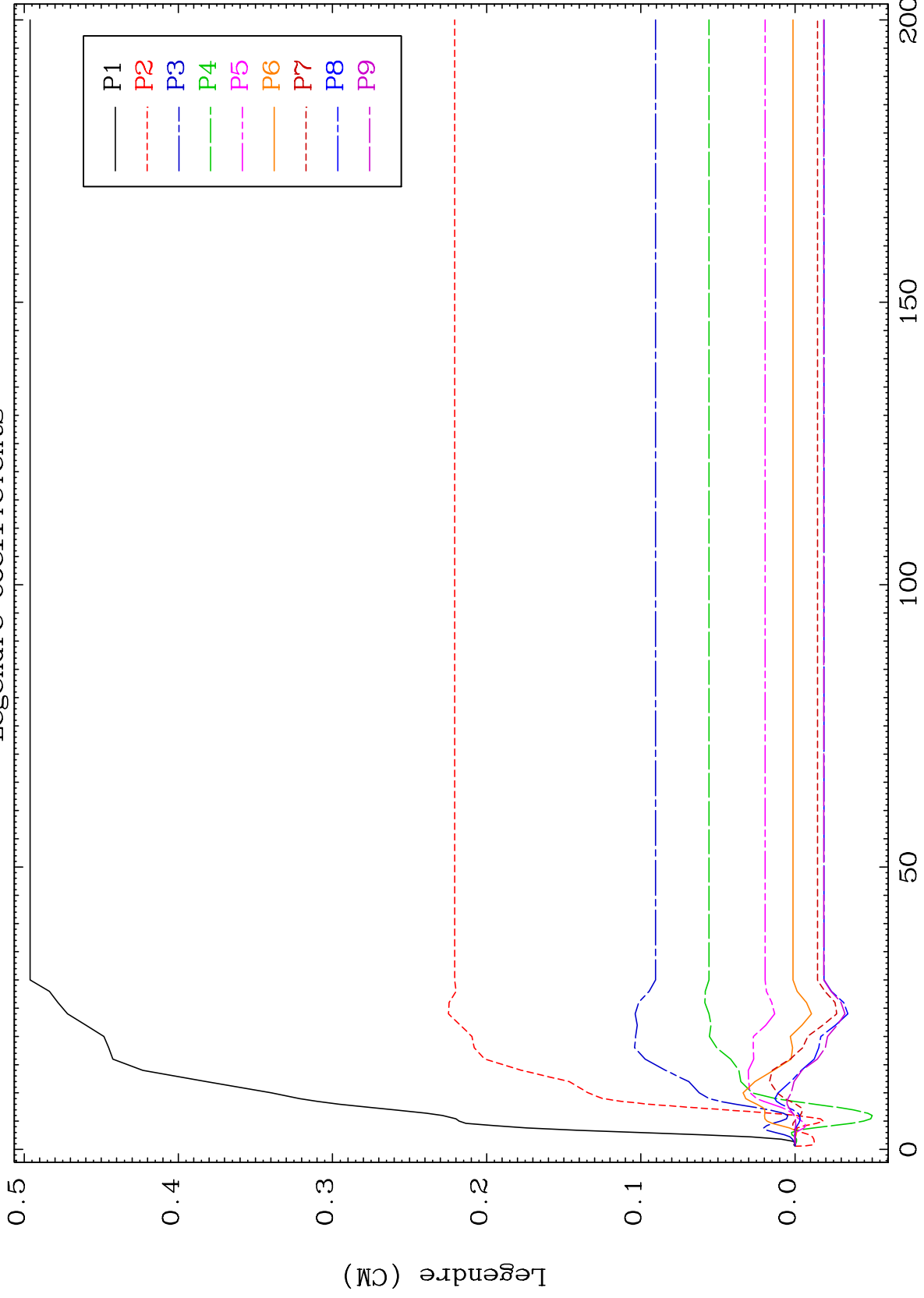
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



47

Incident Energy (MeV)

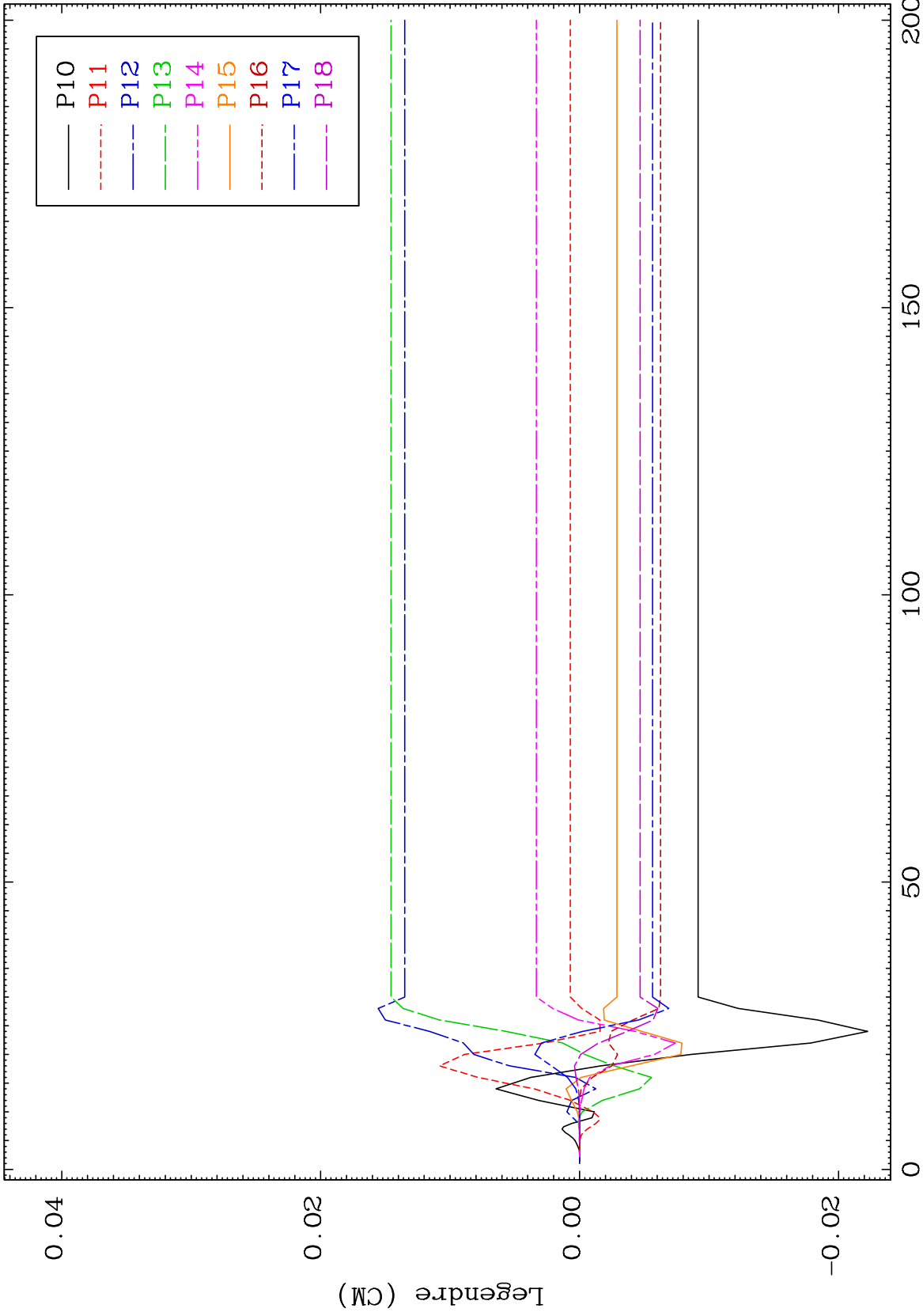
77-Ir-183



MAT 7701

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

77-Ir-183



48

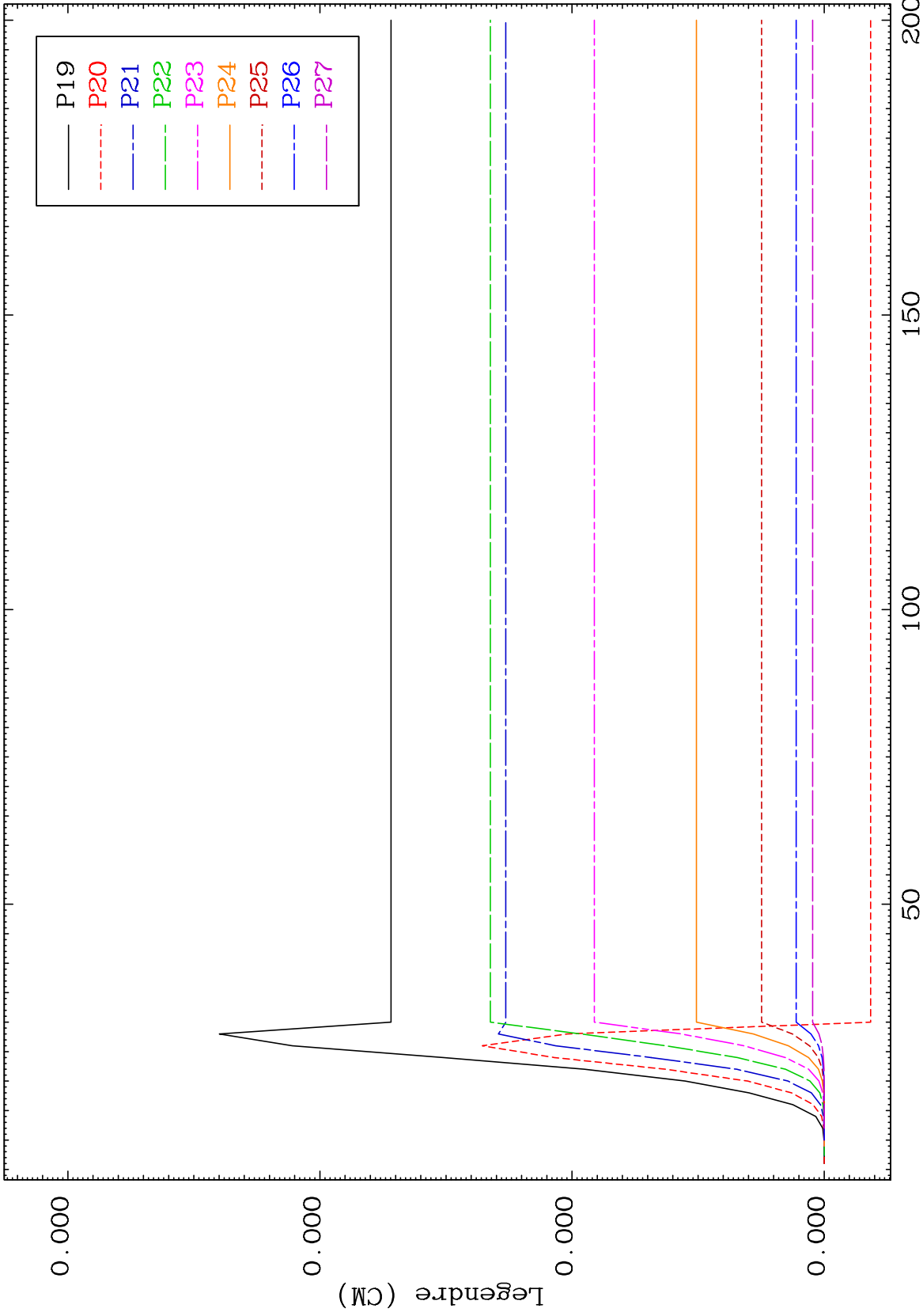
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



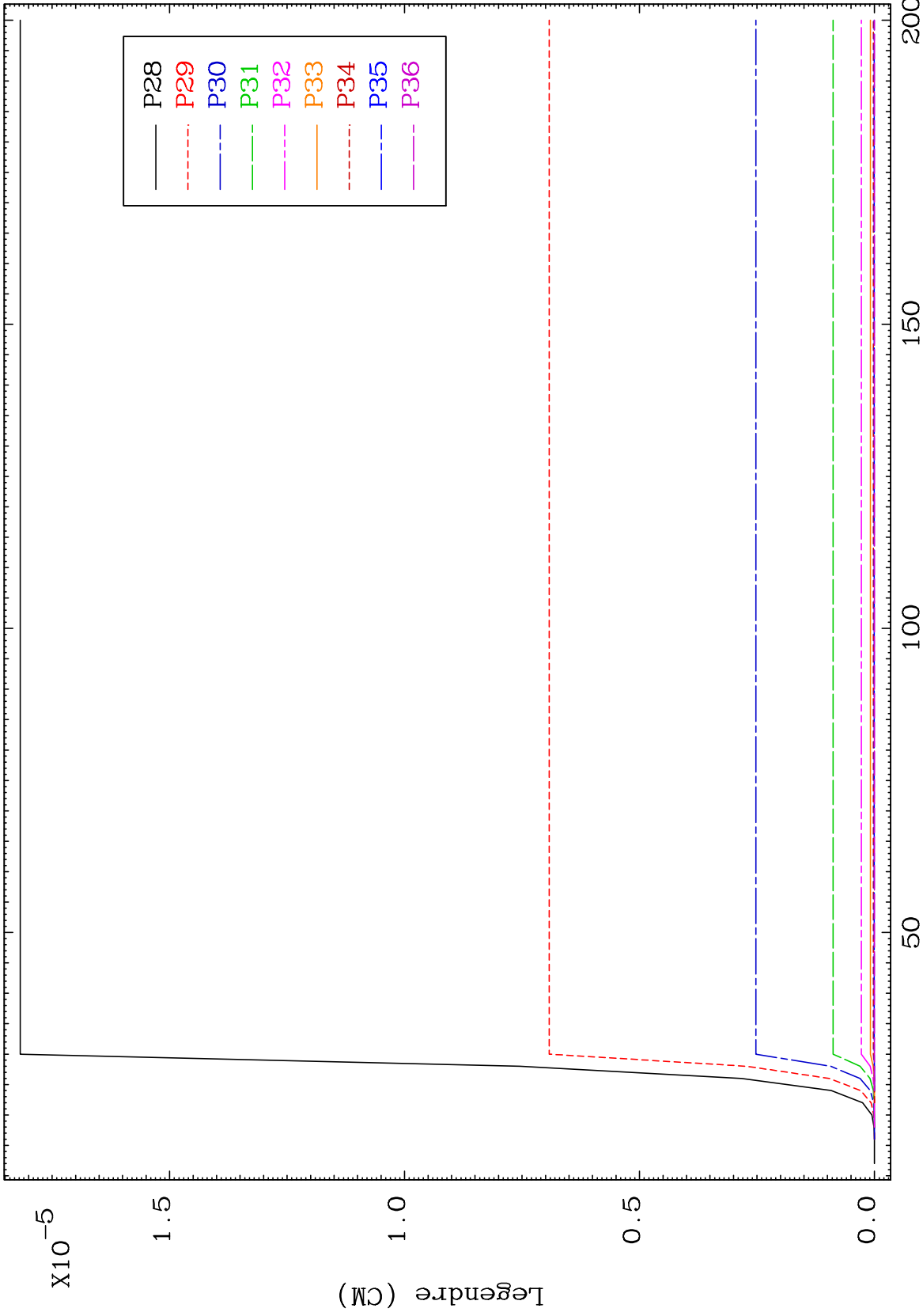
49

77-Ir-183

MAT 7701

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

77-Ir-183



50

50

100

150

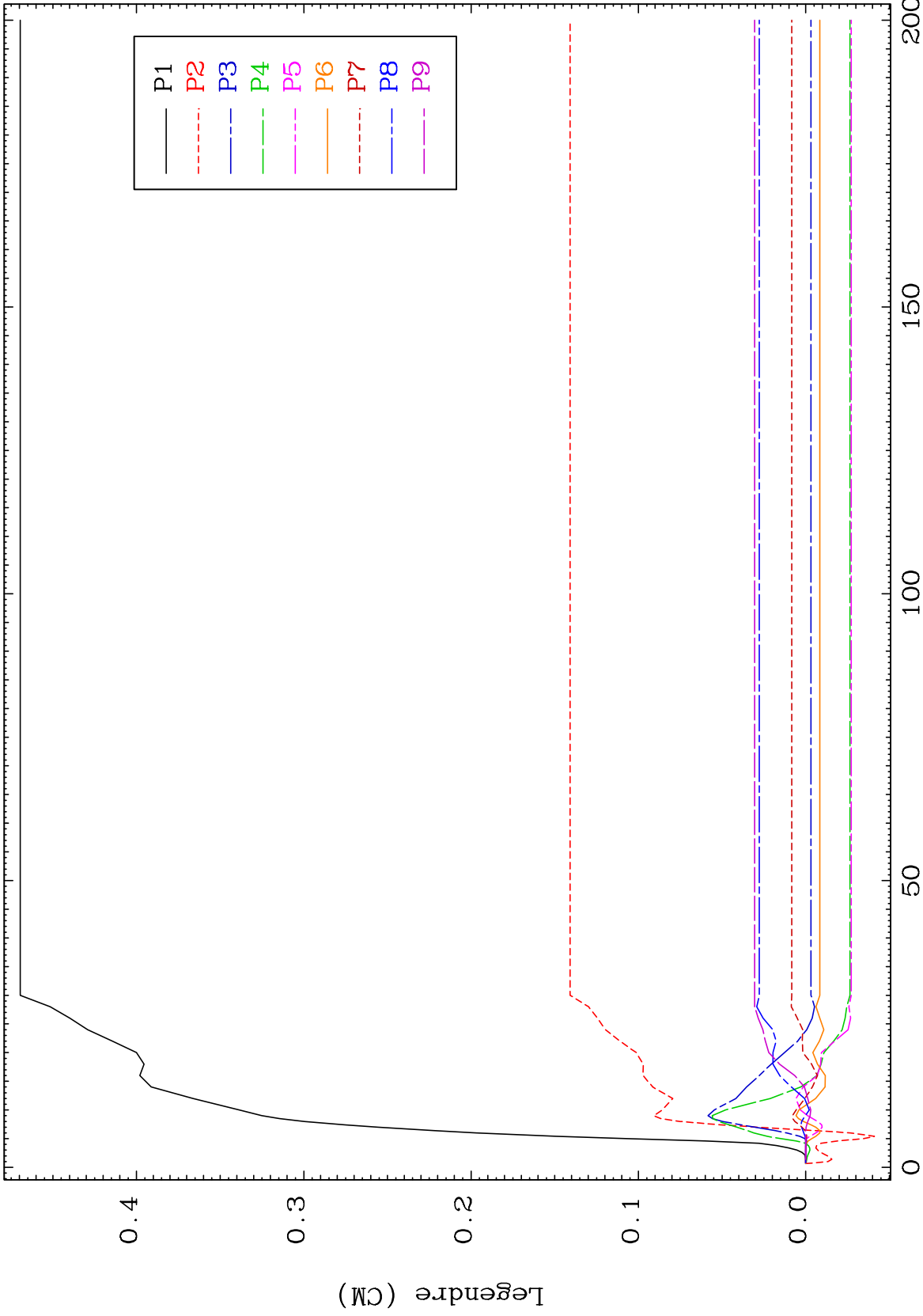
200

77-Ir-183

MAT 7701

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

77-Ir-183



51

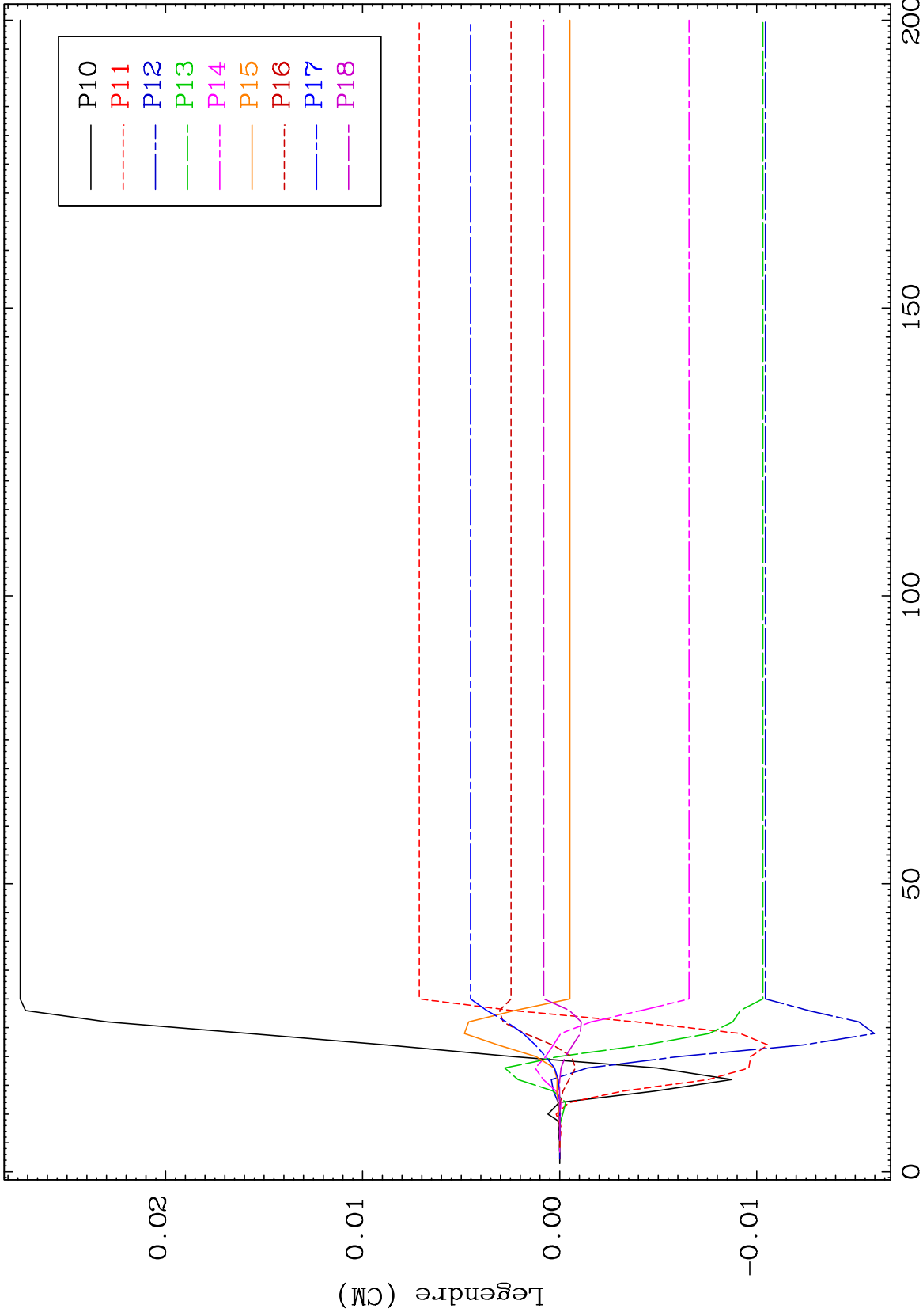
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



52

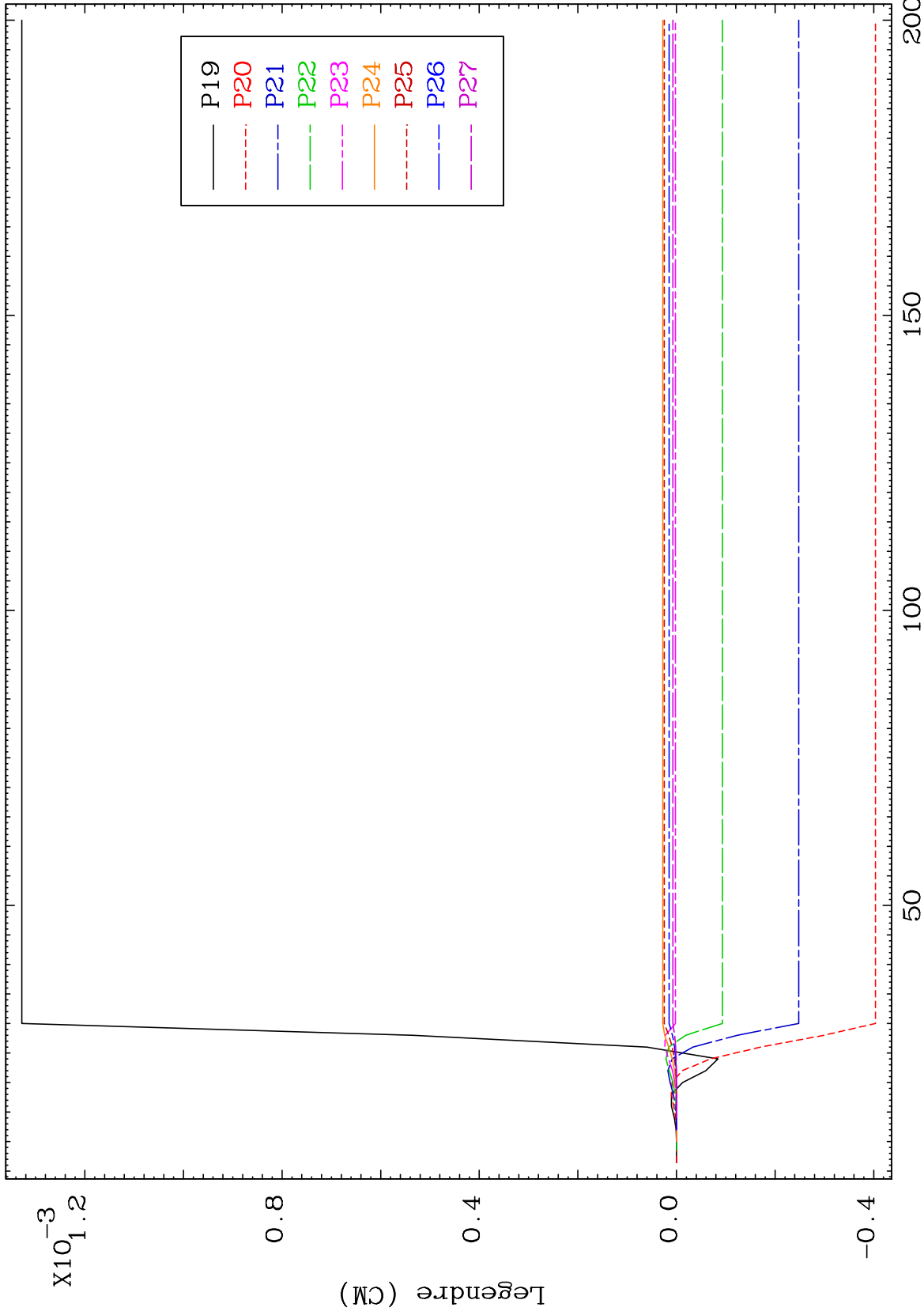
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



53

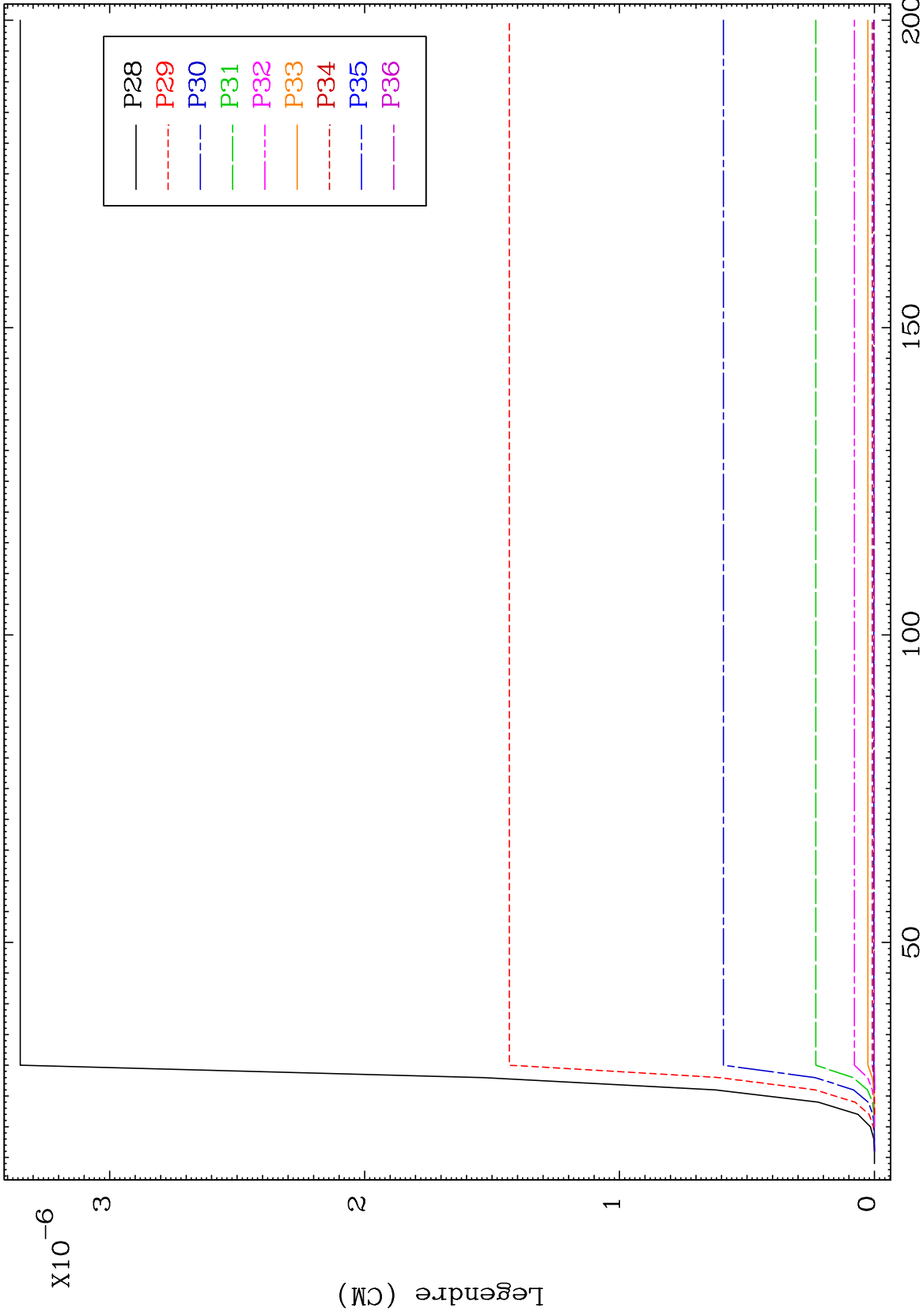
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



54

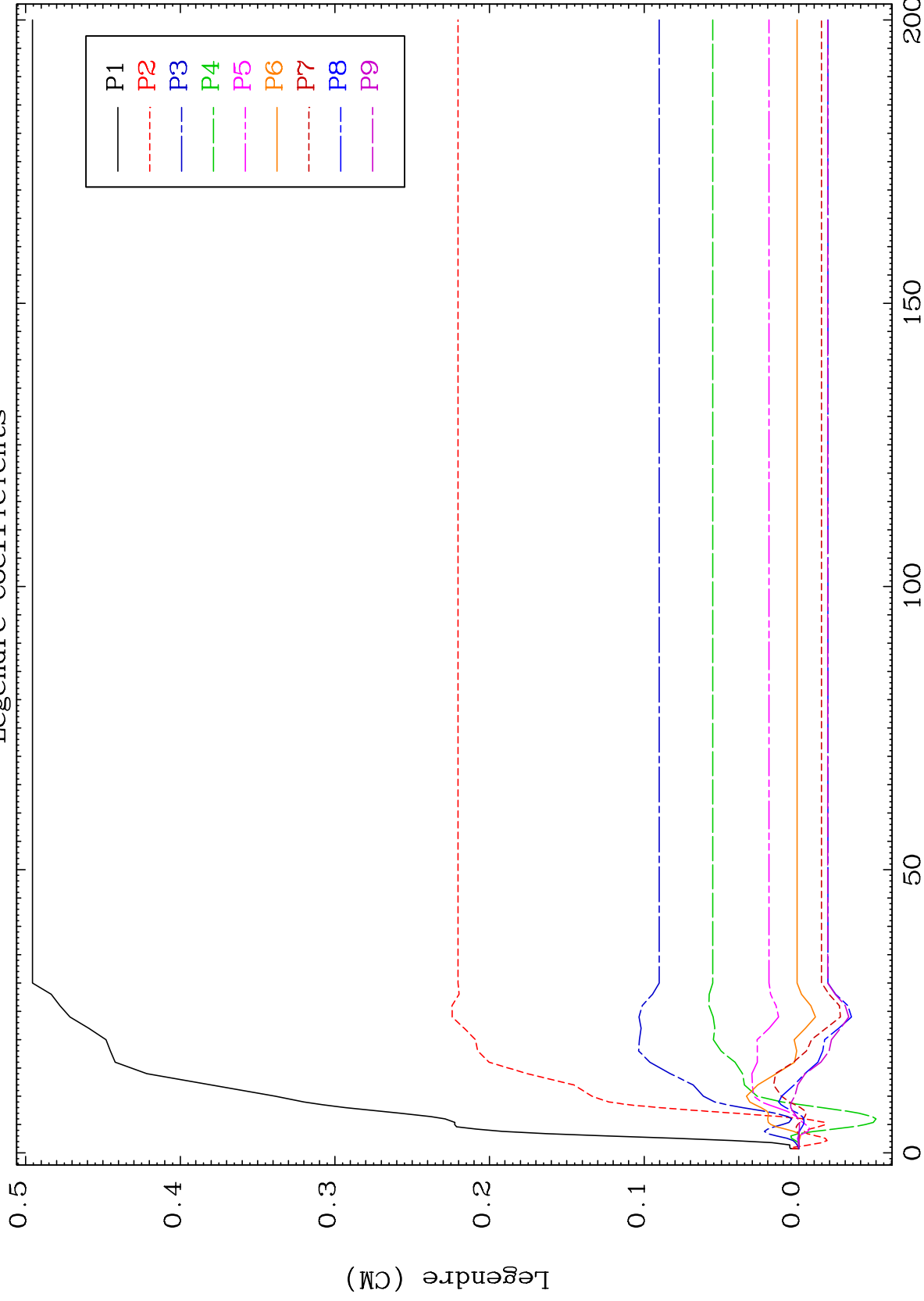
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



55

Incident Energy (MeV)

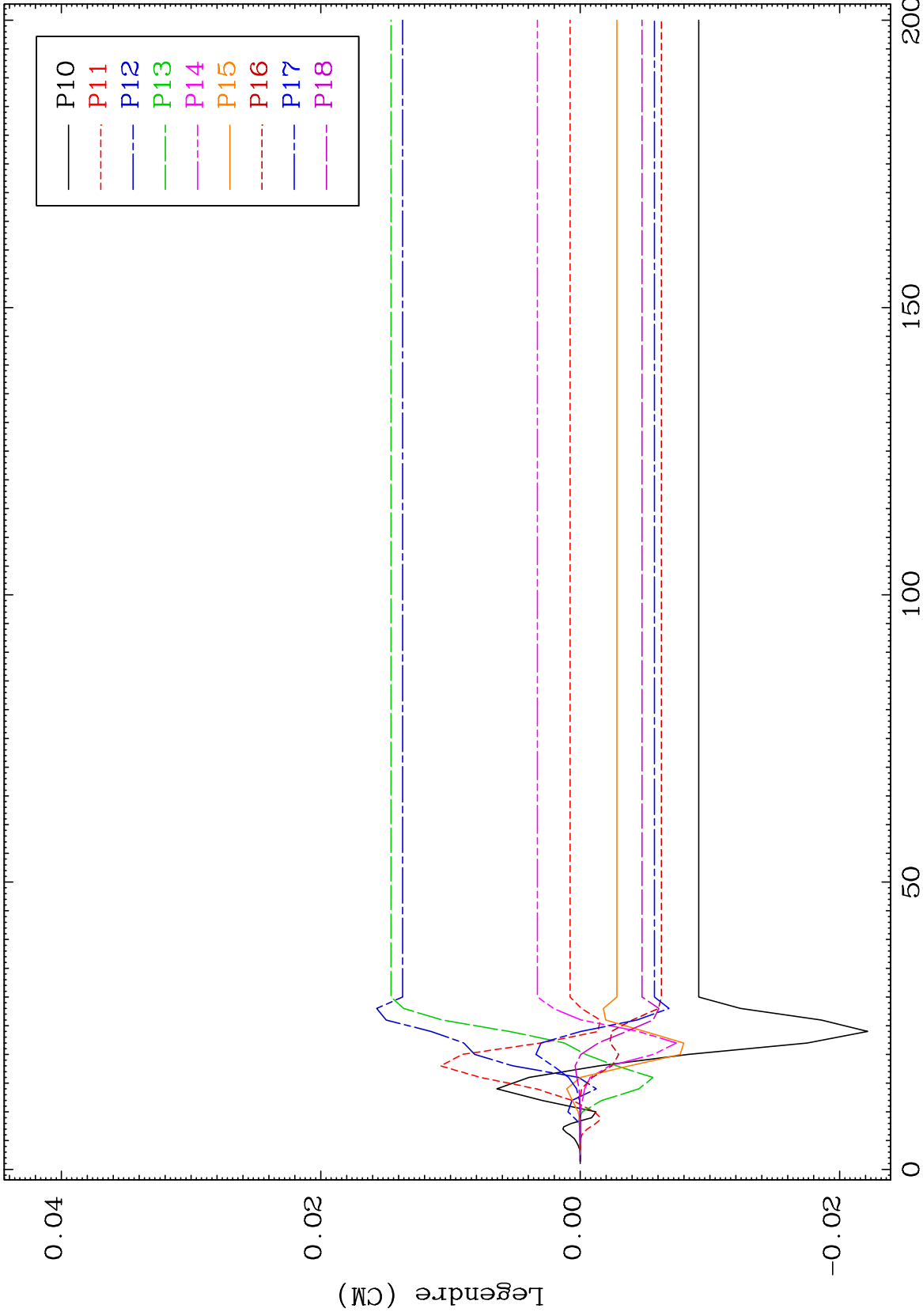
77-Ir-183



MAT 7701

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

77-Ir-183



56

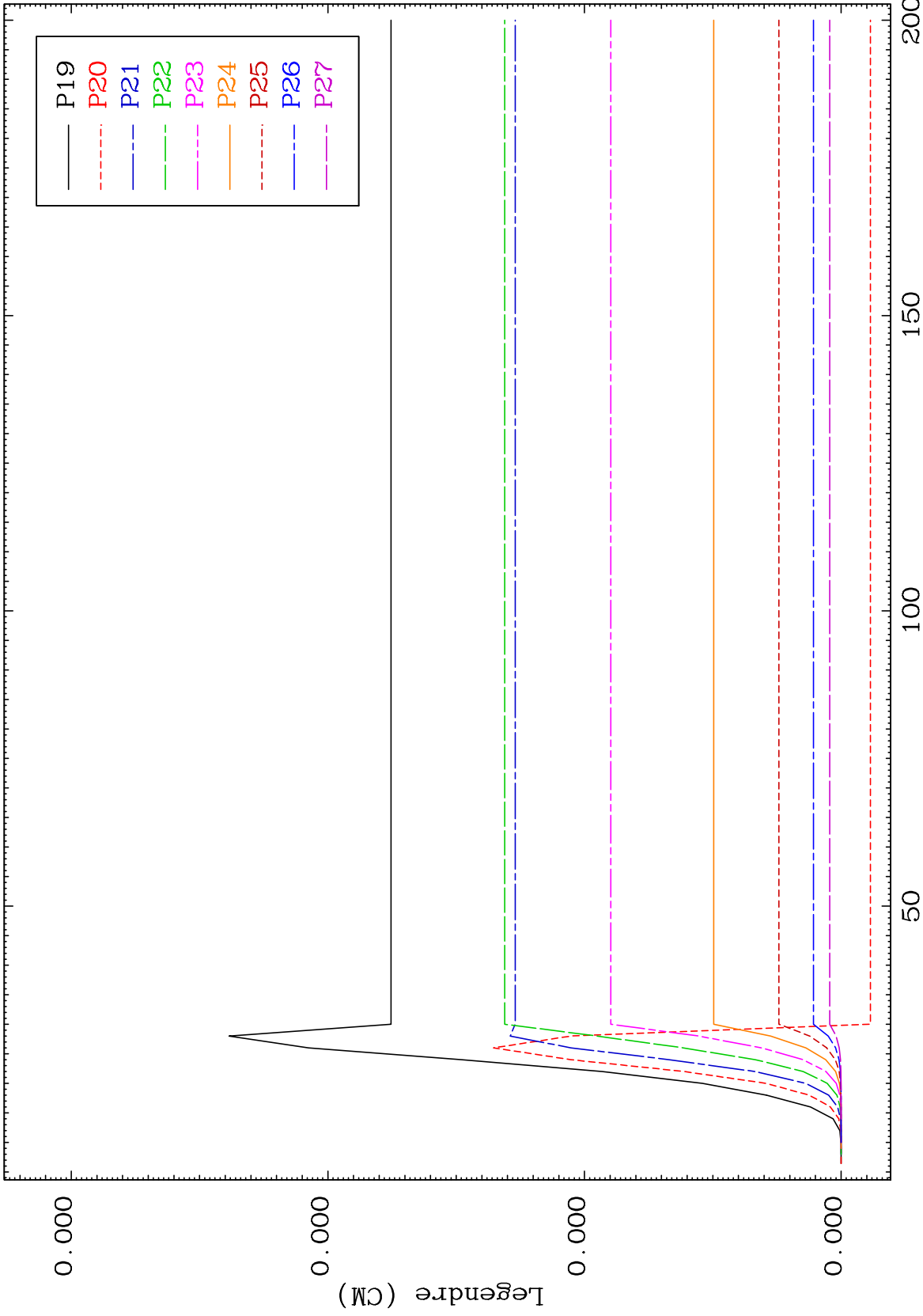
Incident Energy (MeV)

77-Ir-183

MAT 7701

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

77-Ir-183



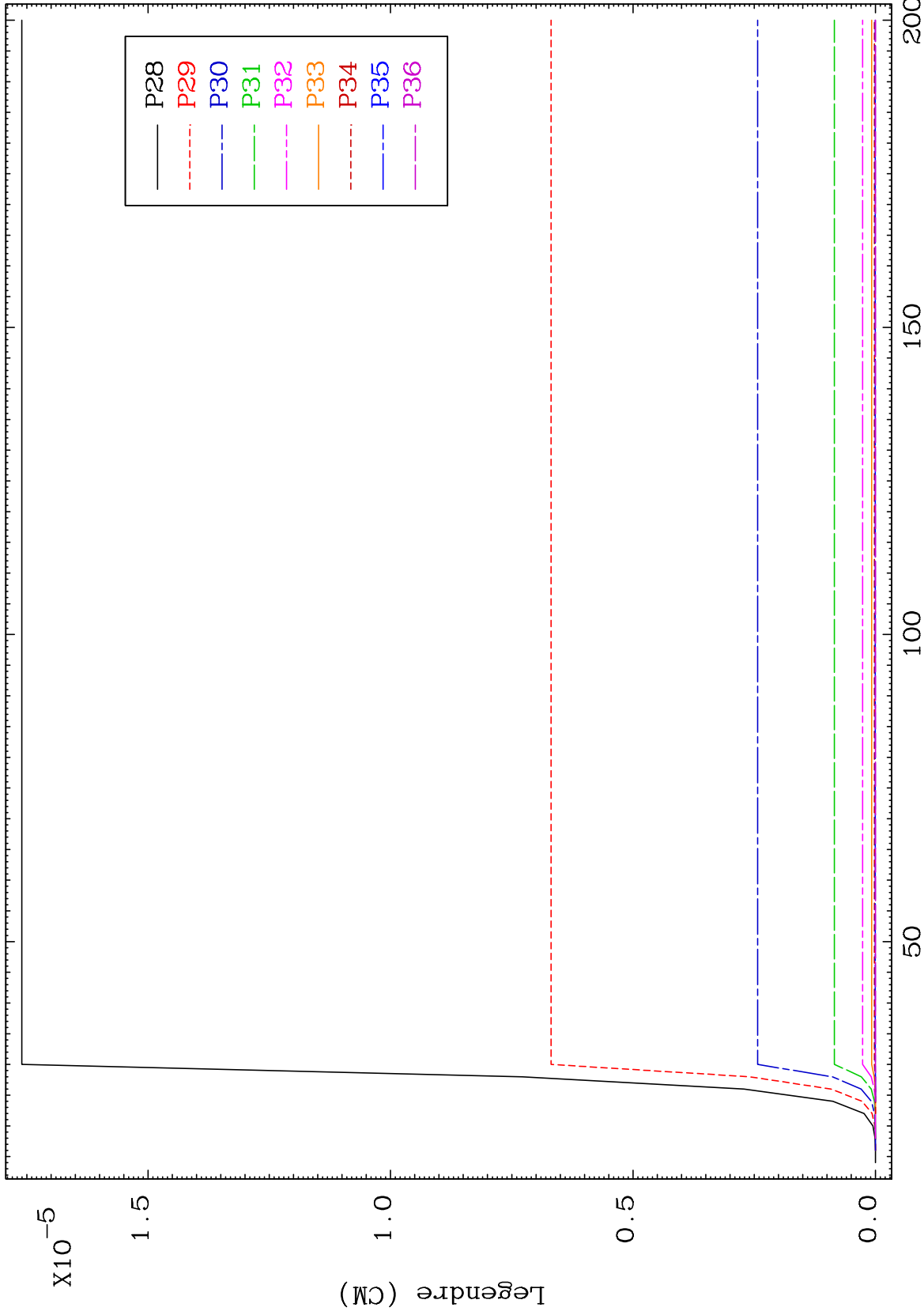
57

77-Ir-183

MAT 7701

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

77-Ir-183



58

Incident Energy (MeV)

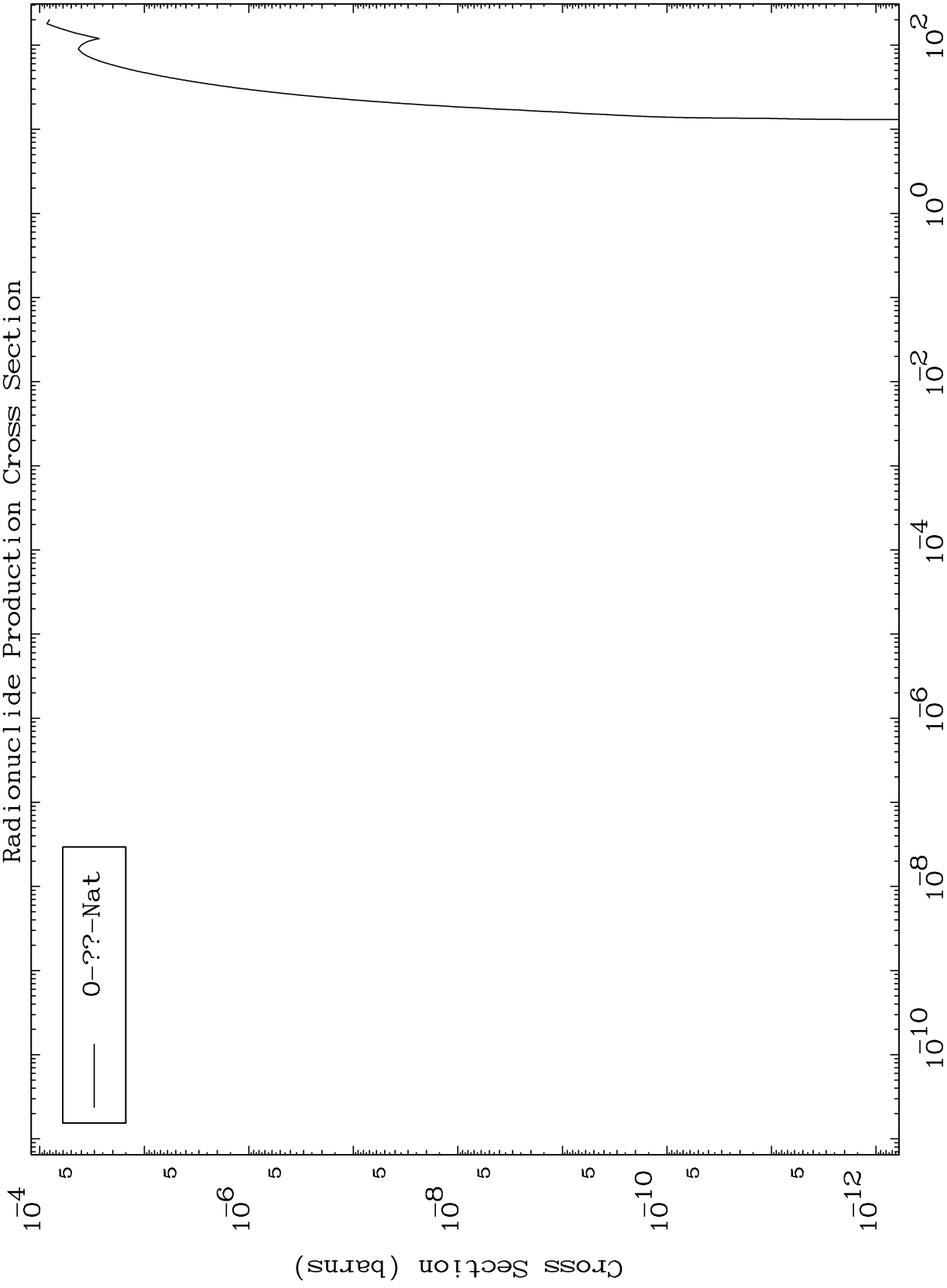
77-Ir-183

MAT 7701

Fission

77-Ir-183

Radionuclide Production Cross Section



59

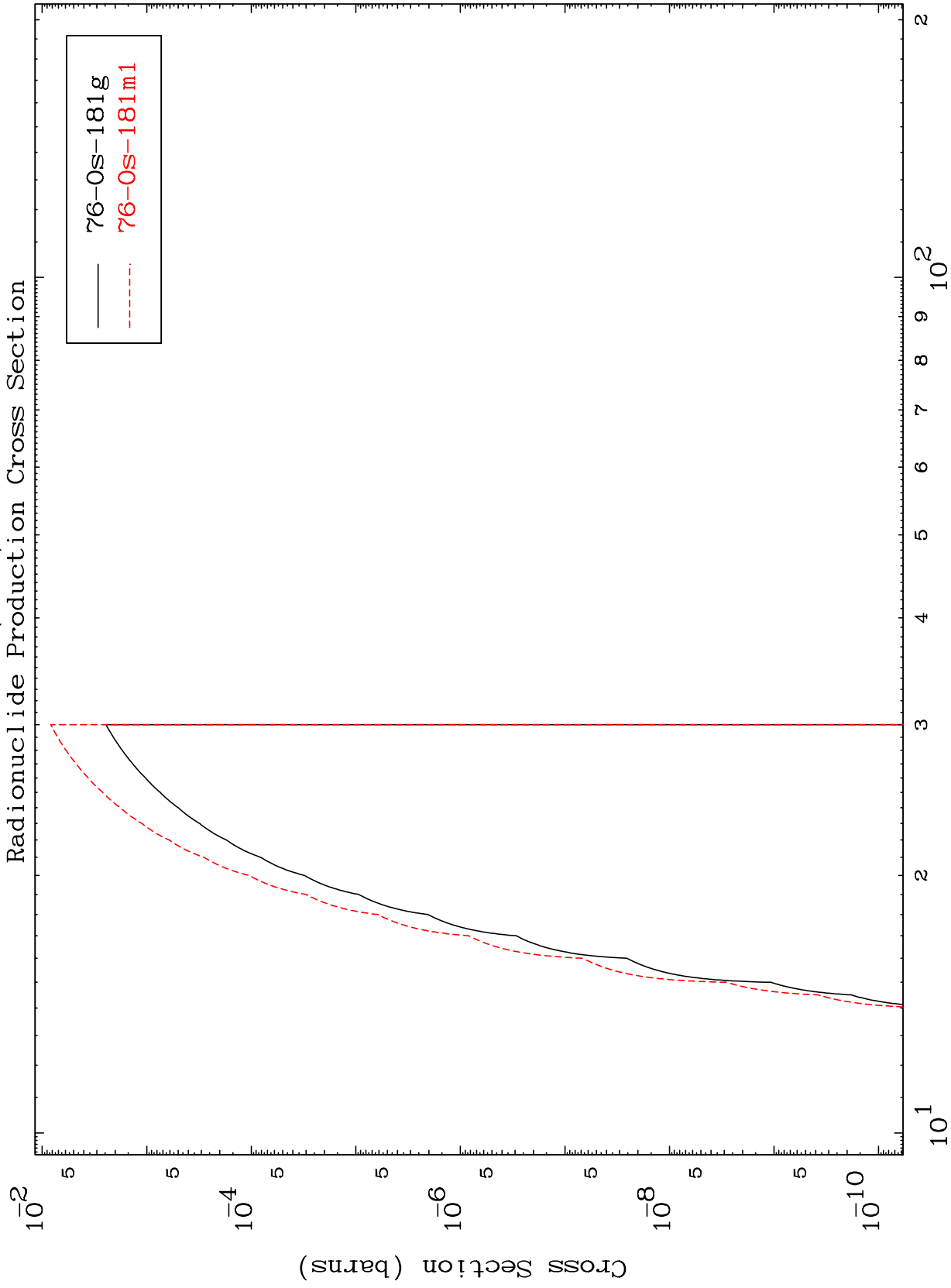
Incident Energy (MeV)

77-Ir-183

MAT 7701

(n,n') d

77-Ir-183



77-Ir-183

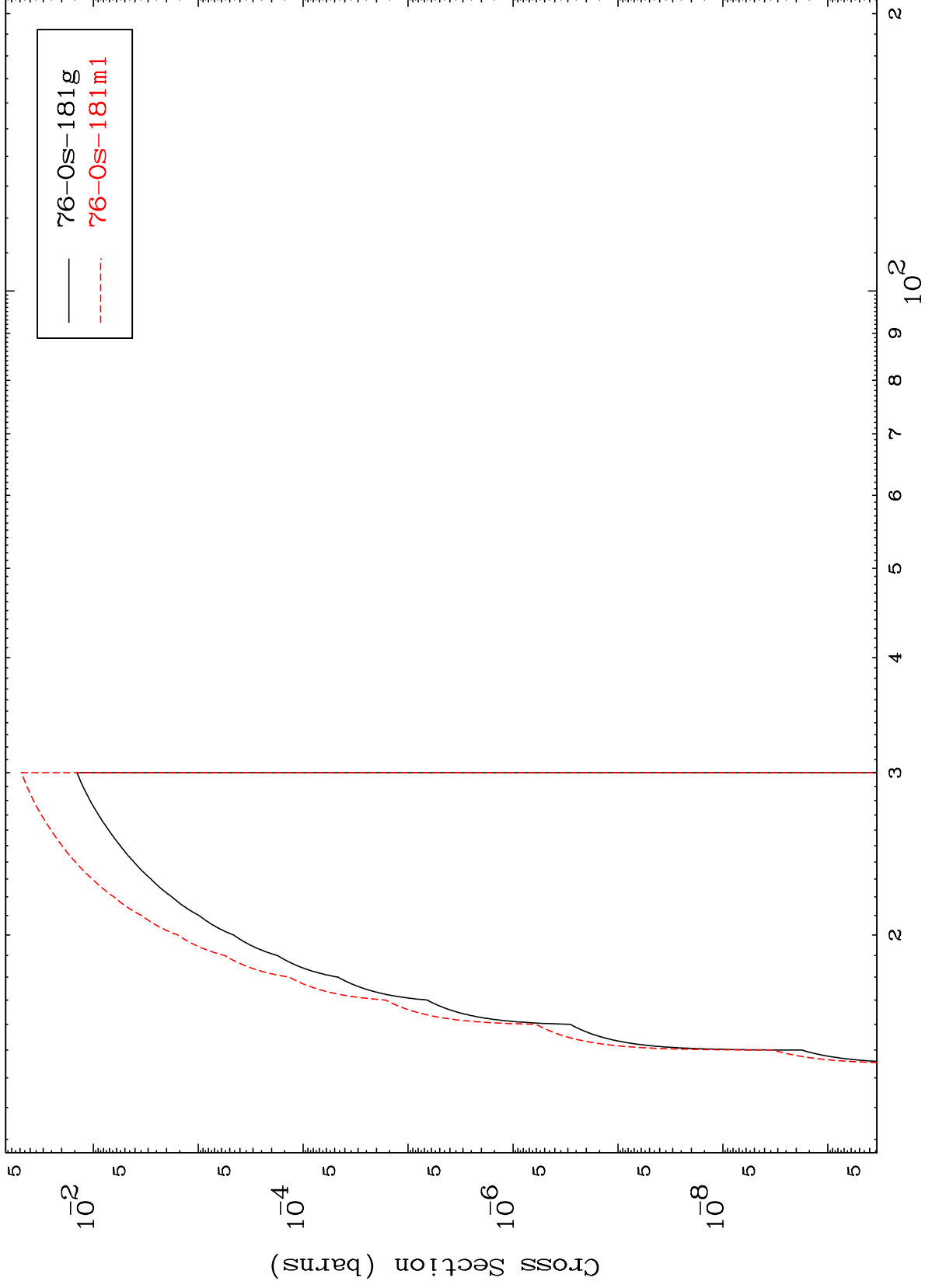
77-Ir-183

MAT 7701

(n,2n) p

<sup>77</sup>Ir-183

Radionuclide Production Cross Section



61

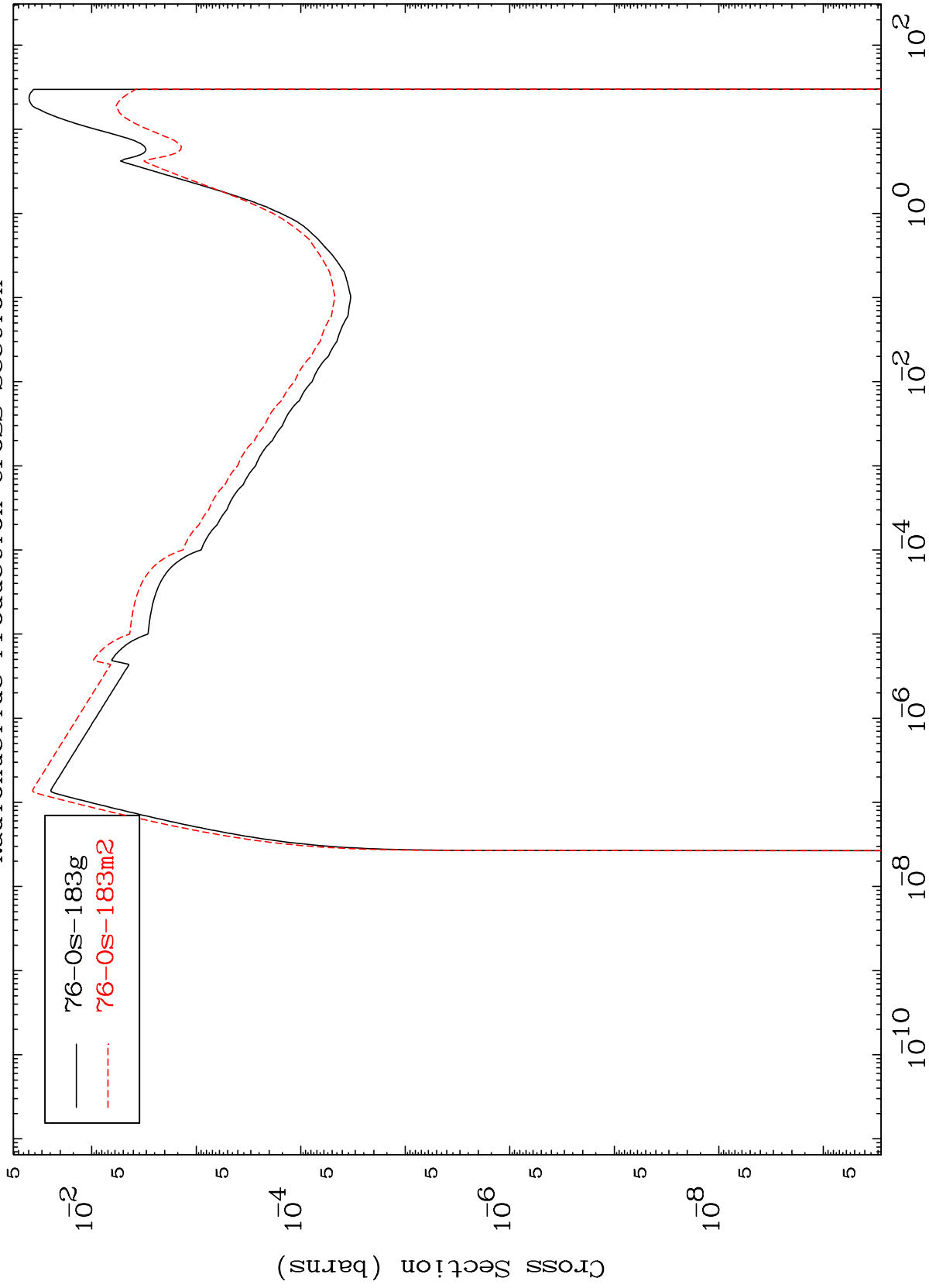
Incident Energy (MeV)

<sup>77</sup>Ir-183

MAT 7701

77-Ir-183

(n,p)  
Radionuclide Production Cross Section



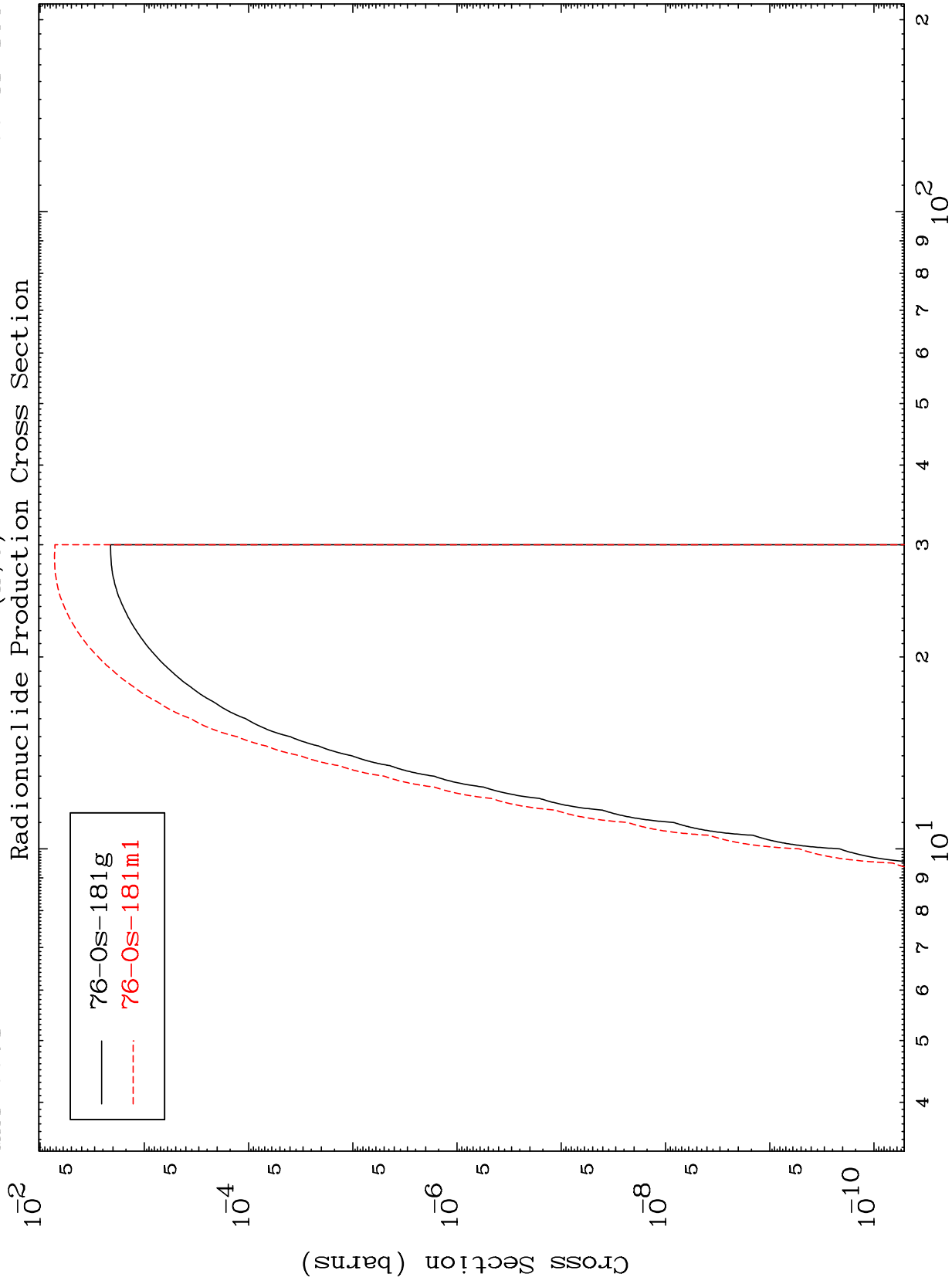
62

77-Ir-183

MAT 7701

77-Ir-183

(n, t)  
Radionuclide Production Cross Section



63

Incident Energy (MeV)

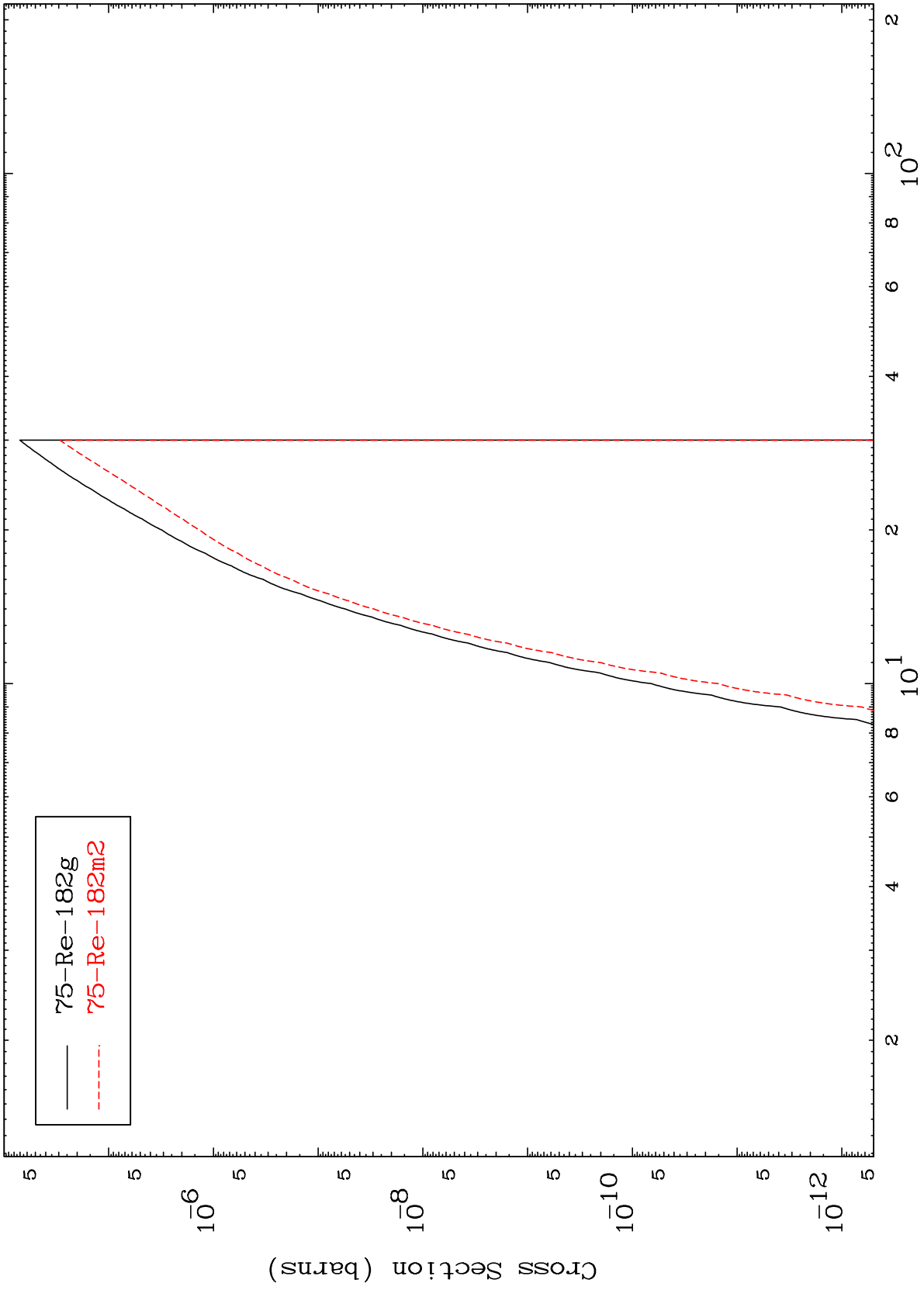
77-Ir-183



MAT 7701

(n,2p)  
Radionuclide Production Cross Section

77-Ir-183



64

Incident Energy (MeV)

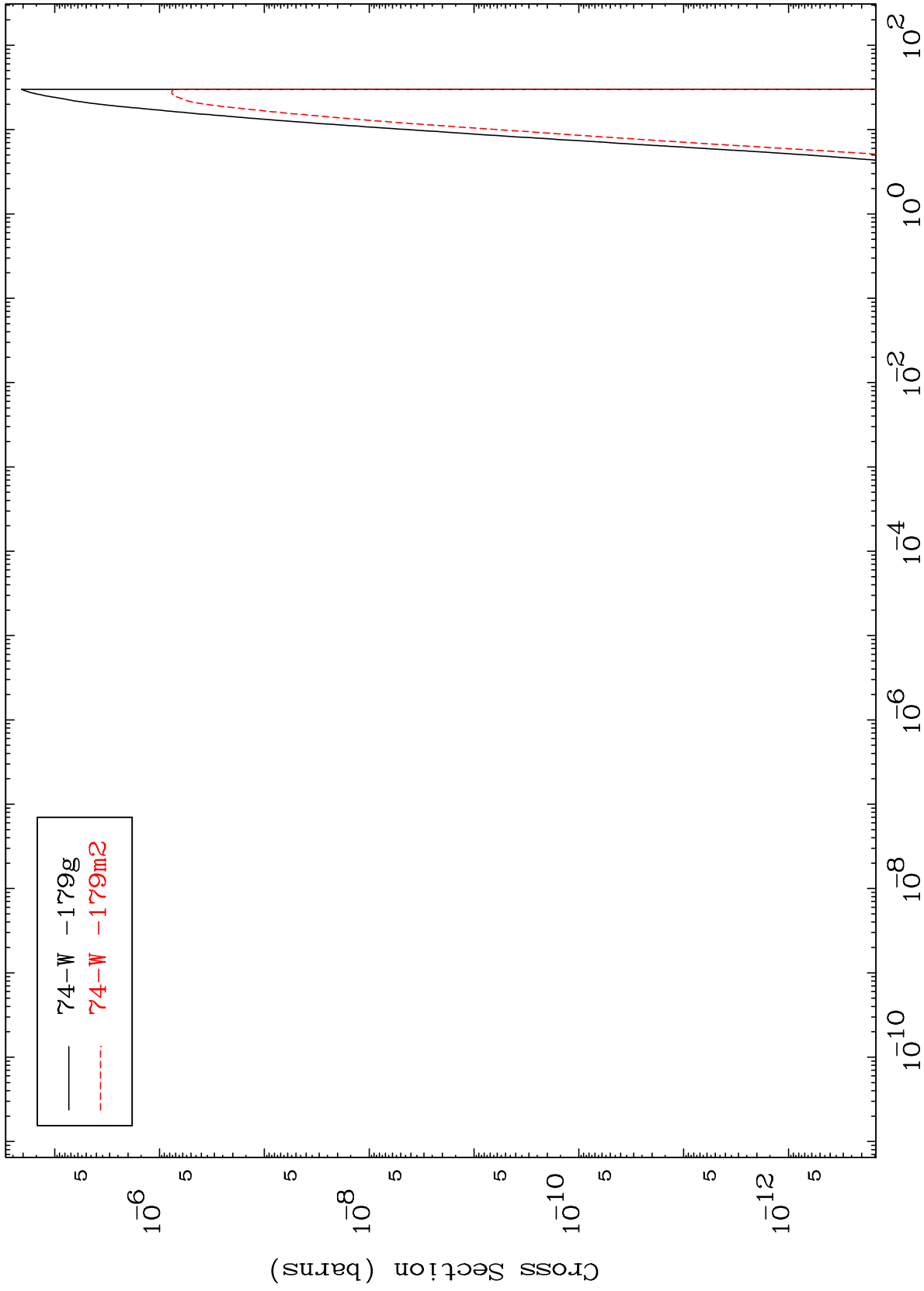
77-Ir-183

MAT 7701

(n,p)  $\alpha$

77-Ir-183

Radionuclide Production Cross Section



65

Incident Energy (MeV)

77-Ir-183