

Program EVALPLOT  
(Version 2021-1)

by

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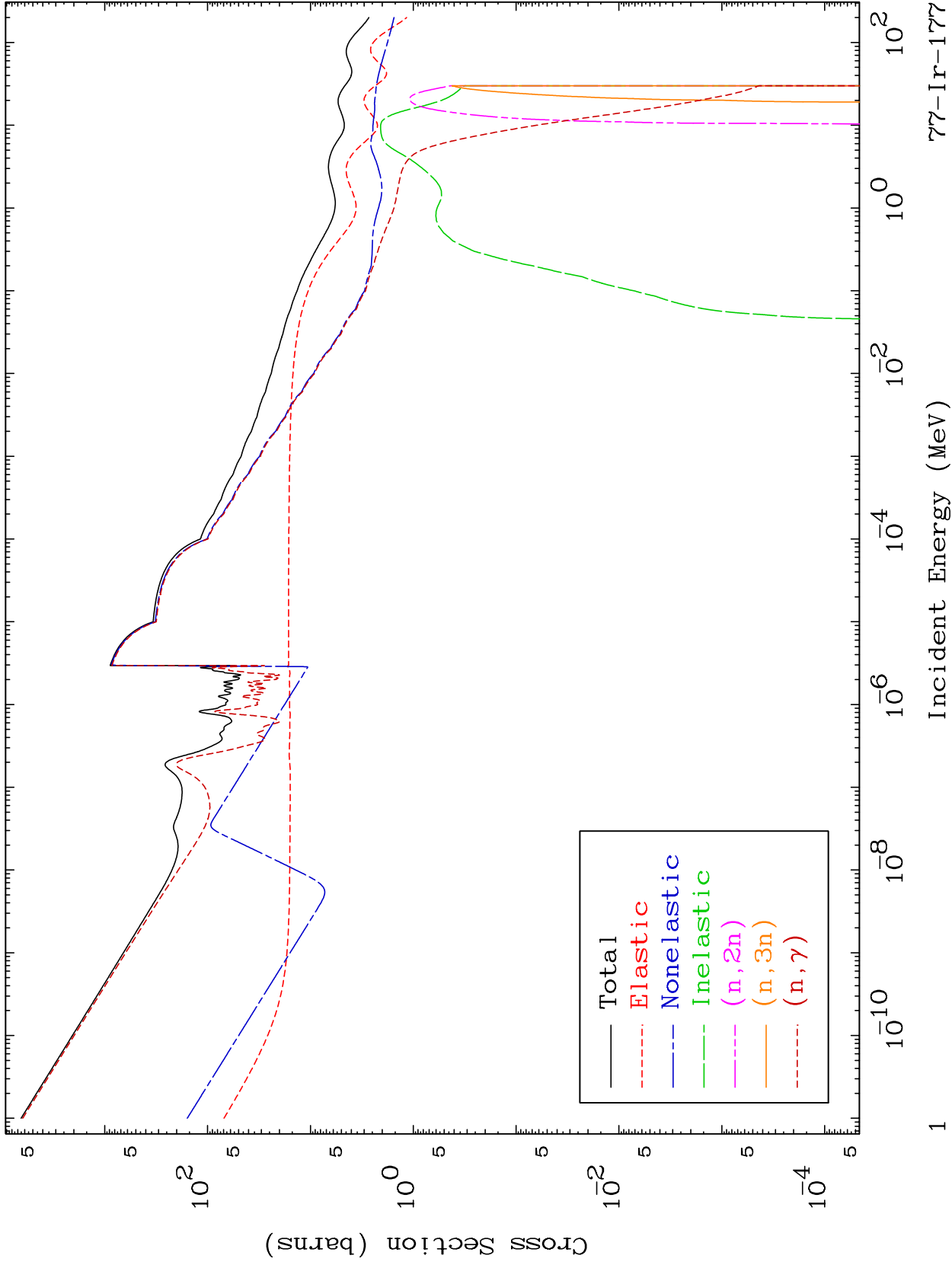
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7683

Neutron Major  
293 Kelvin Cross Sections

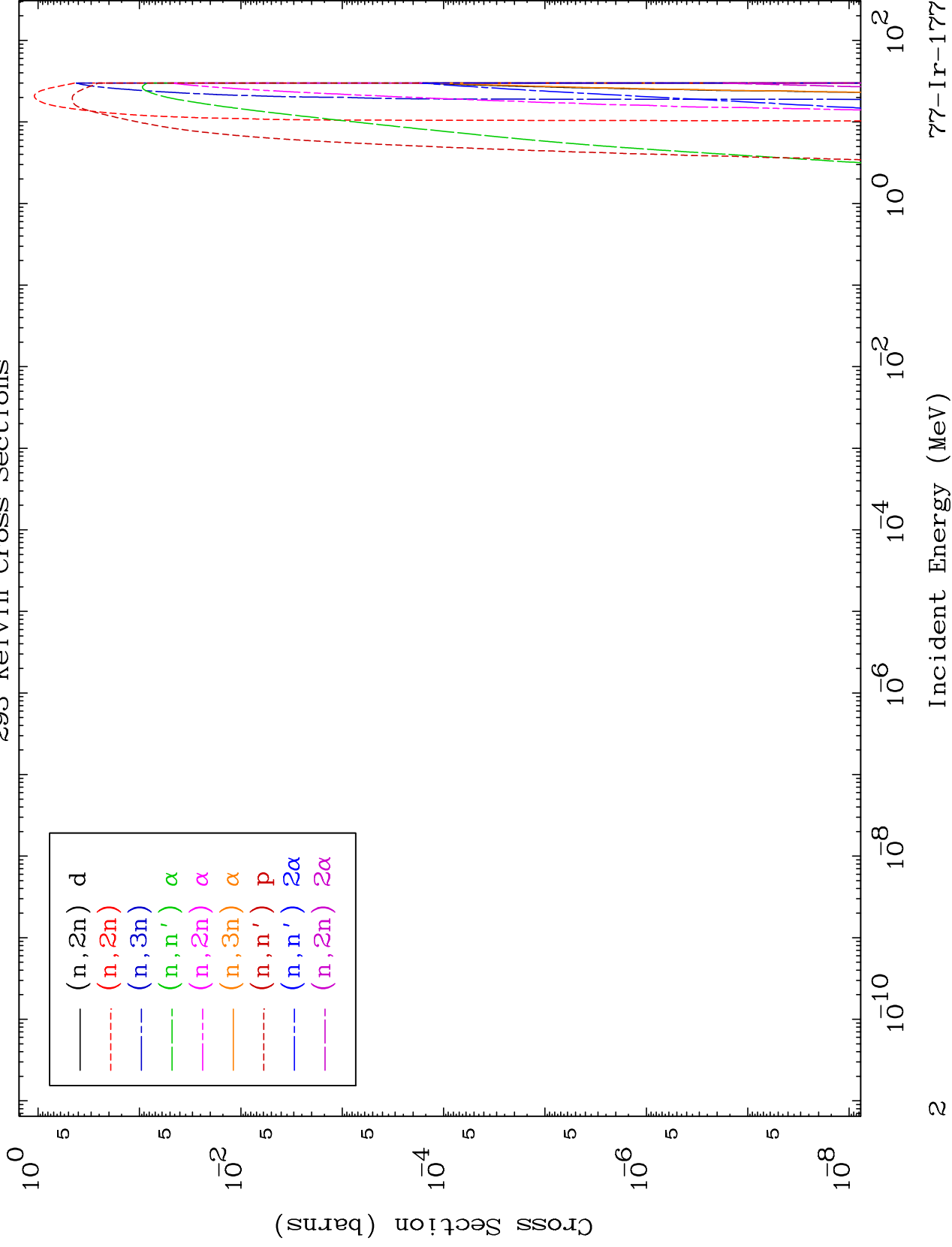
77-Ir-177



MAT 7683

Neutron Absorption  
293 Kelvin Cross Sections

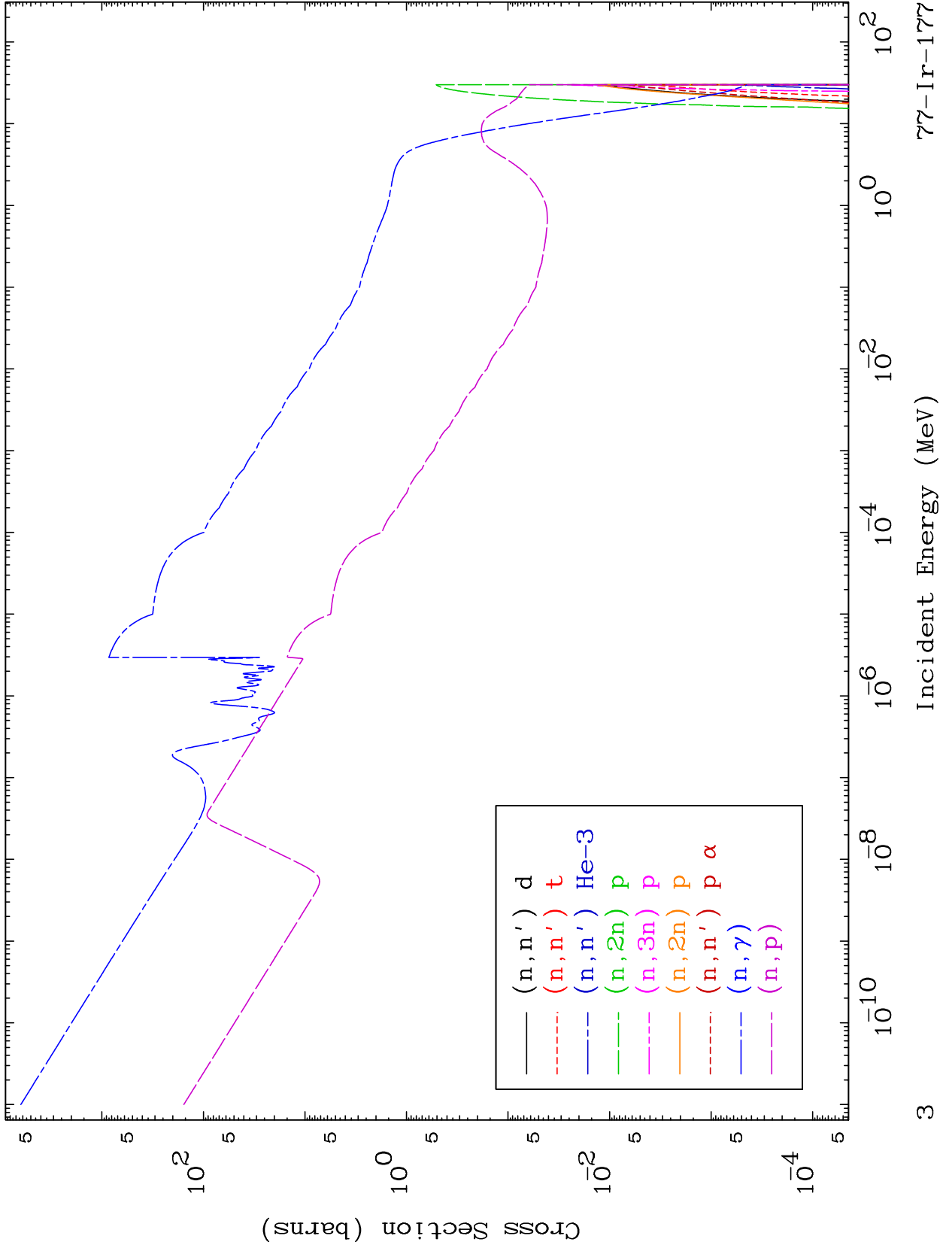
<sup>77</sup>Ir-177



MAT 7683

Neutron Absorption  
293 Kelvin Cross Sections

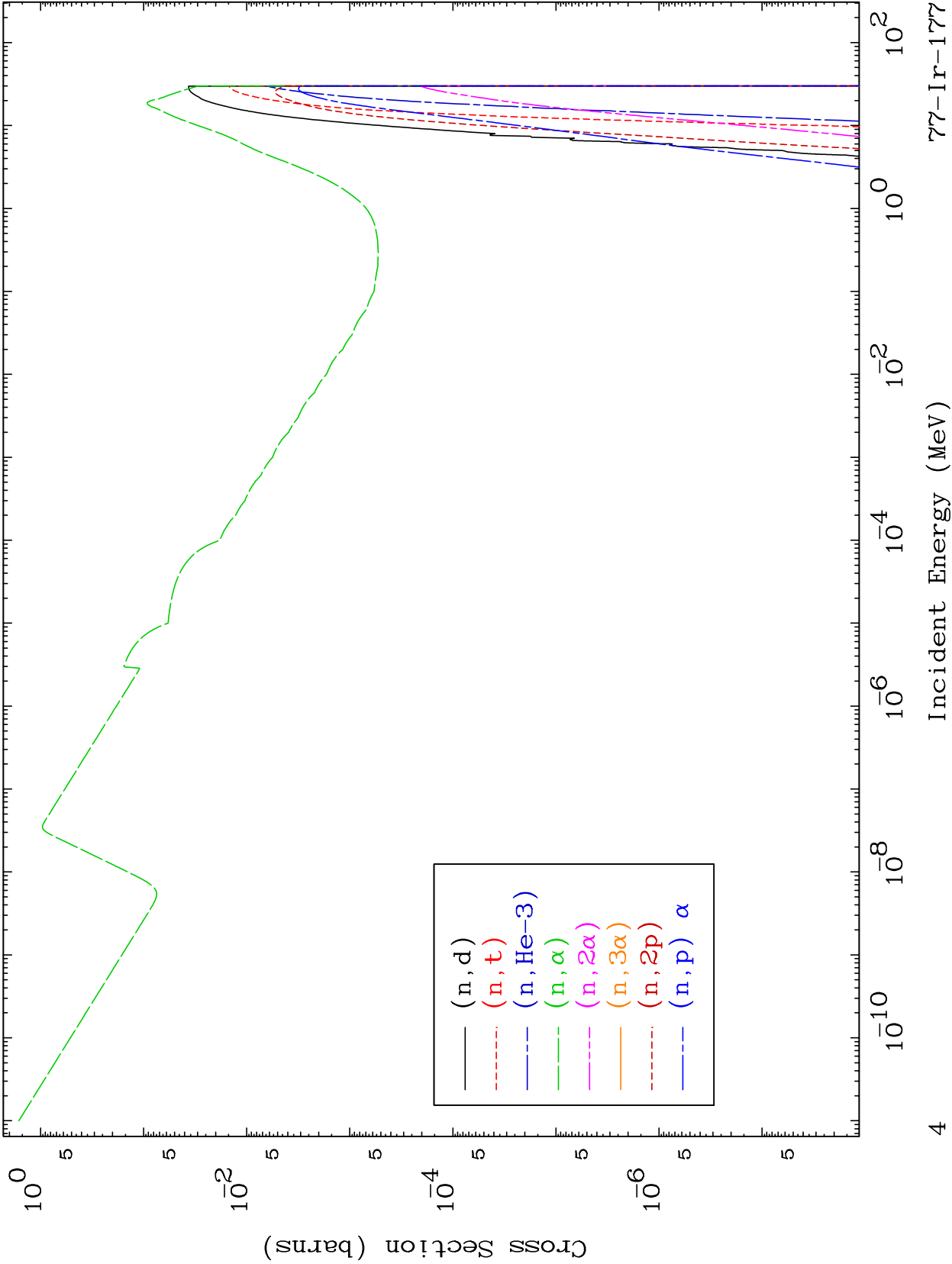
77-Ir-177

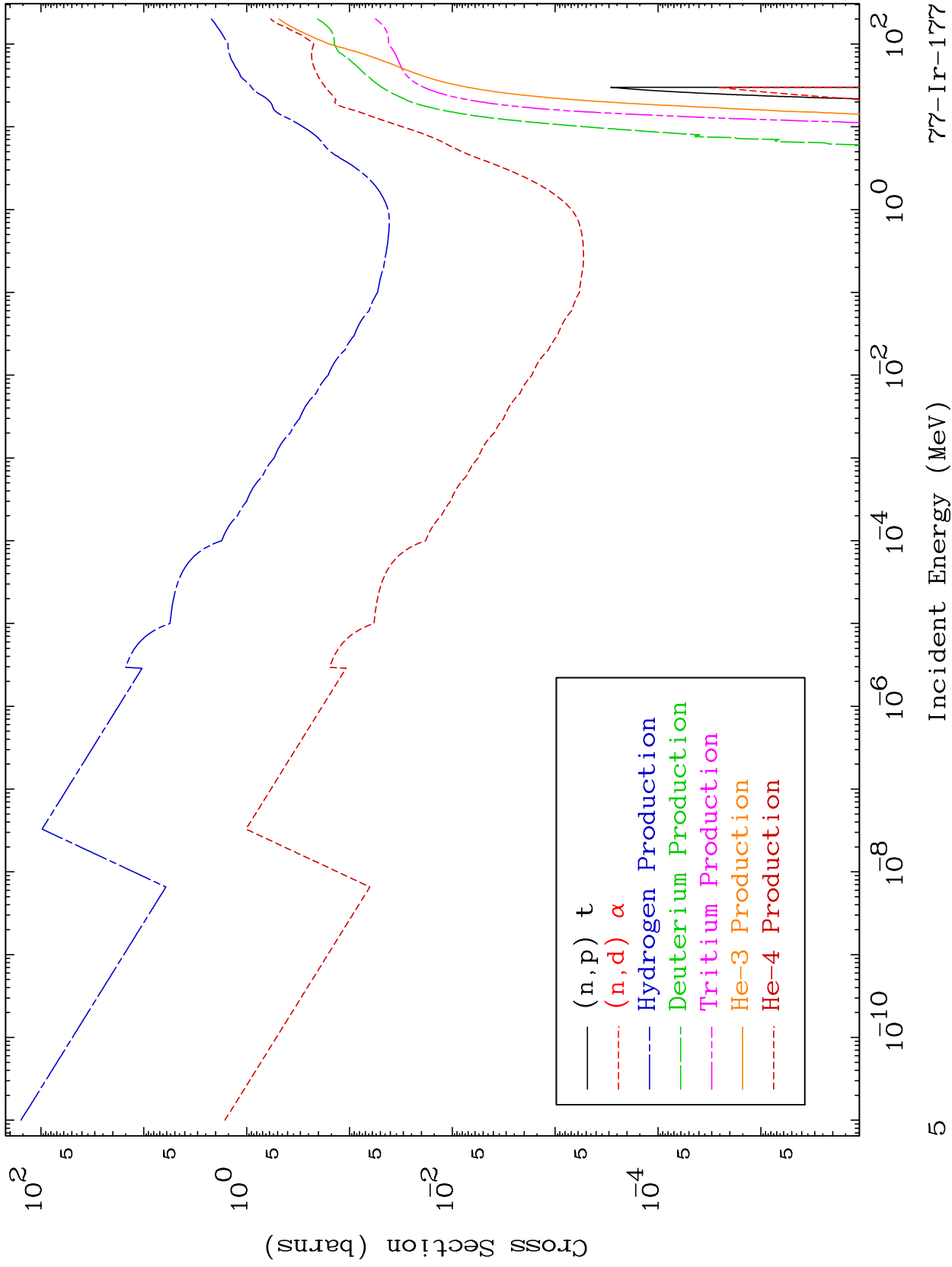


MAT 7683

Neutron Absorption  
293 Kelvin Cross Sections

77-Ir-177

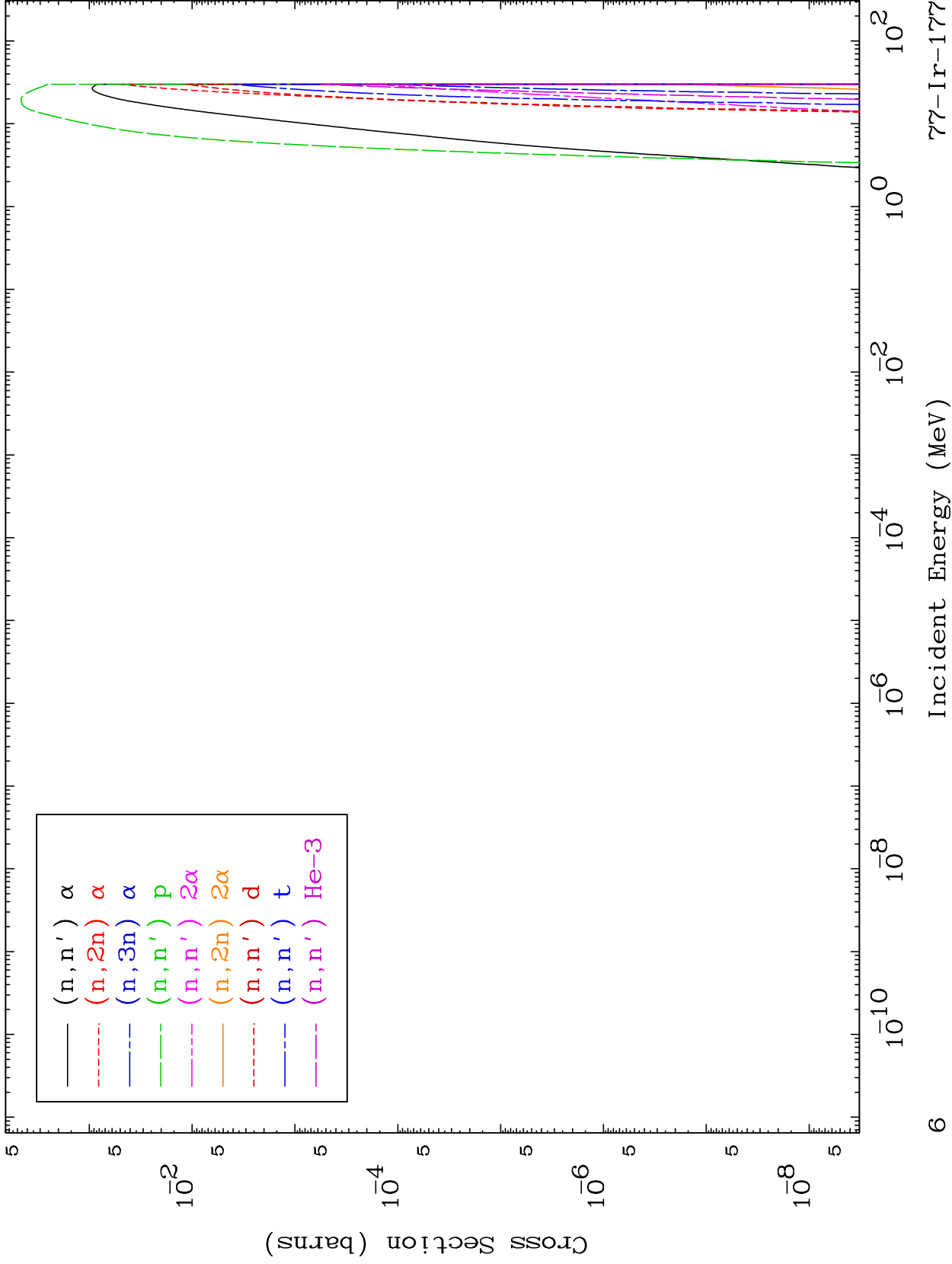


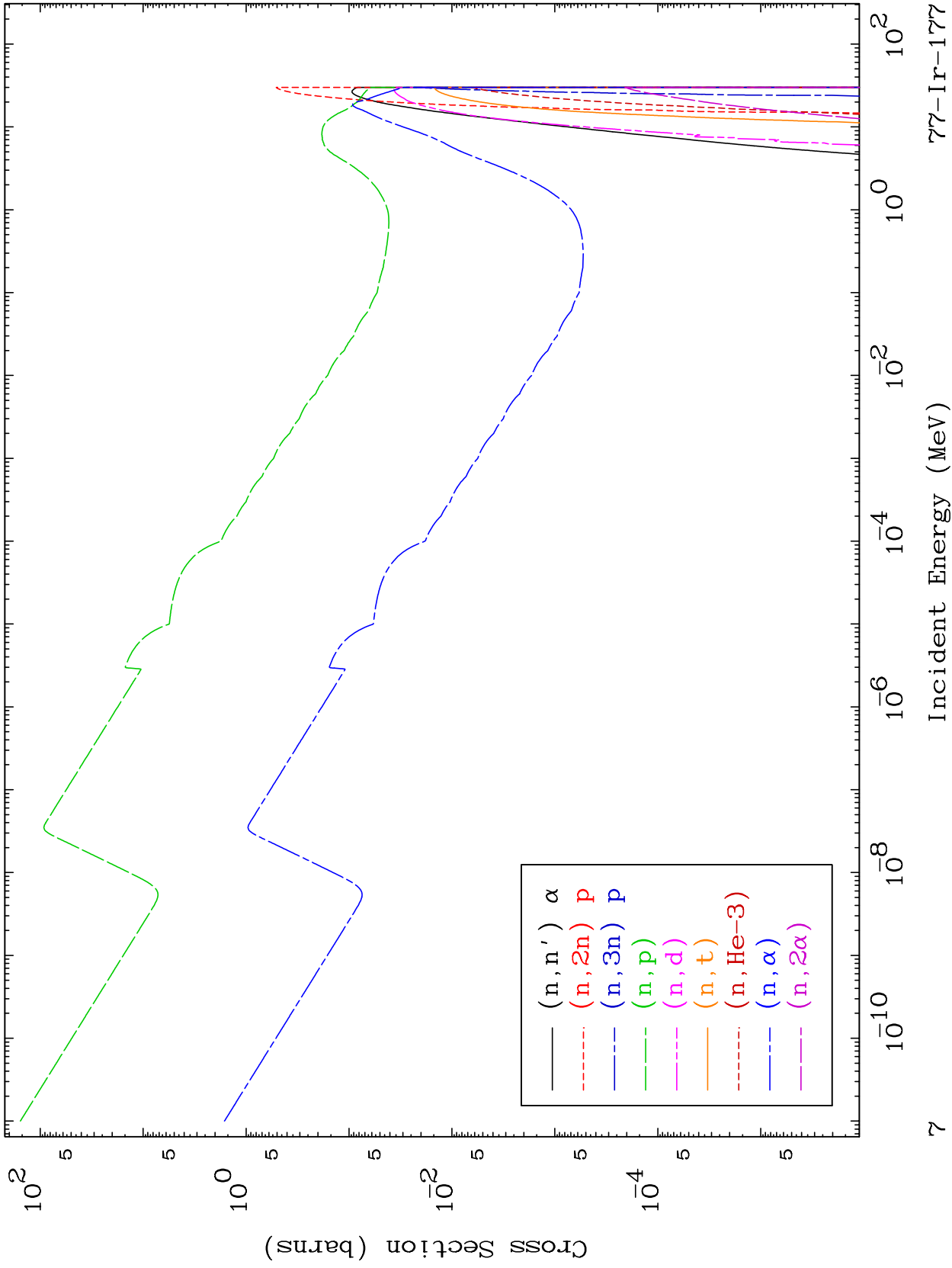


MAT 7683

Charged Particle  
293 Kelvin Cross Sections

<sup>77</sup>Ir-177



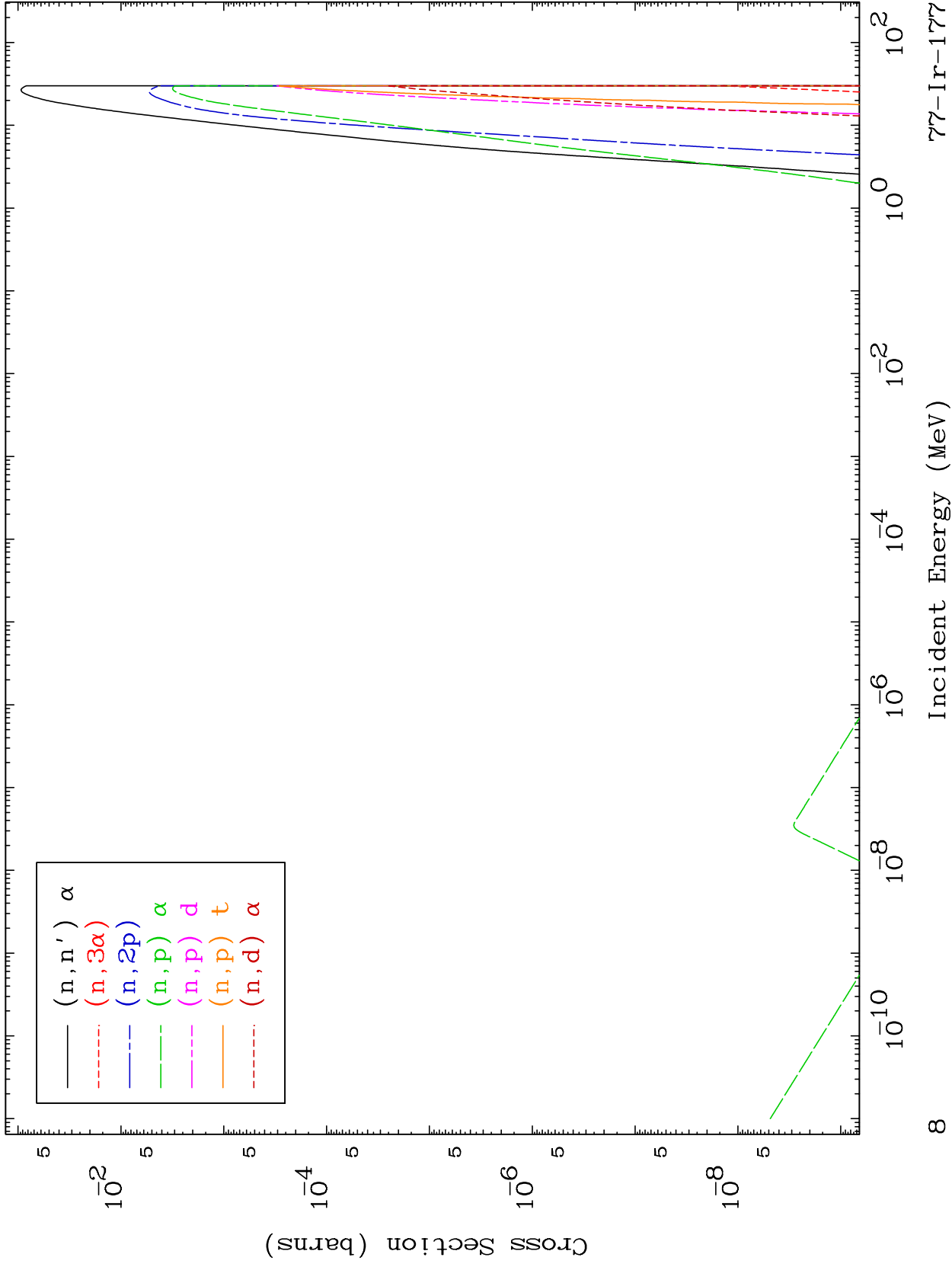


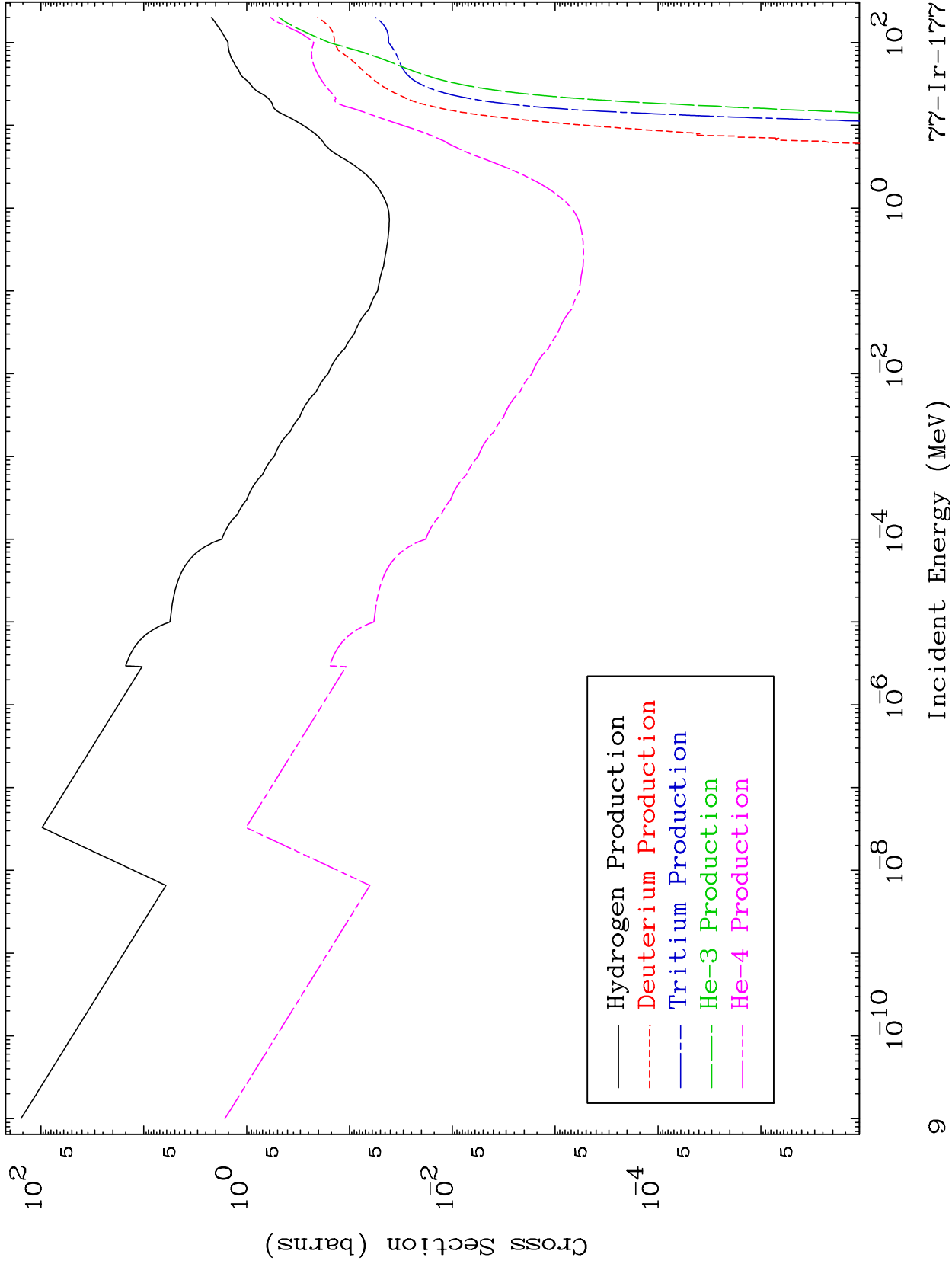


MAT 7683

Charged Particle  
293 Kelvin Cross Sections

<sup>77</sup>Ir-177

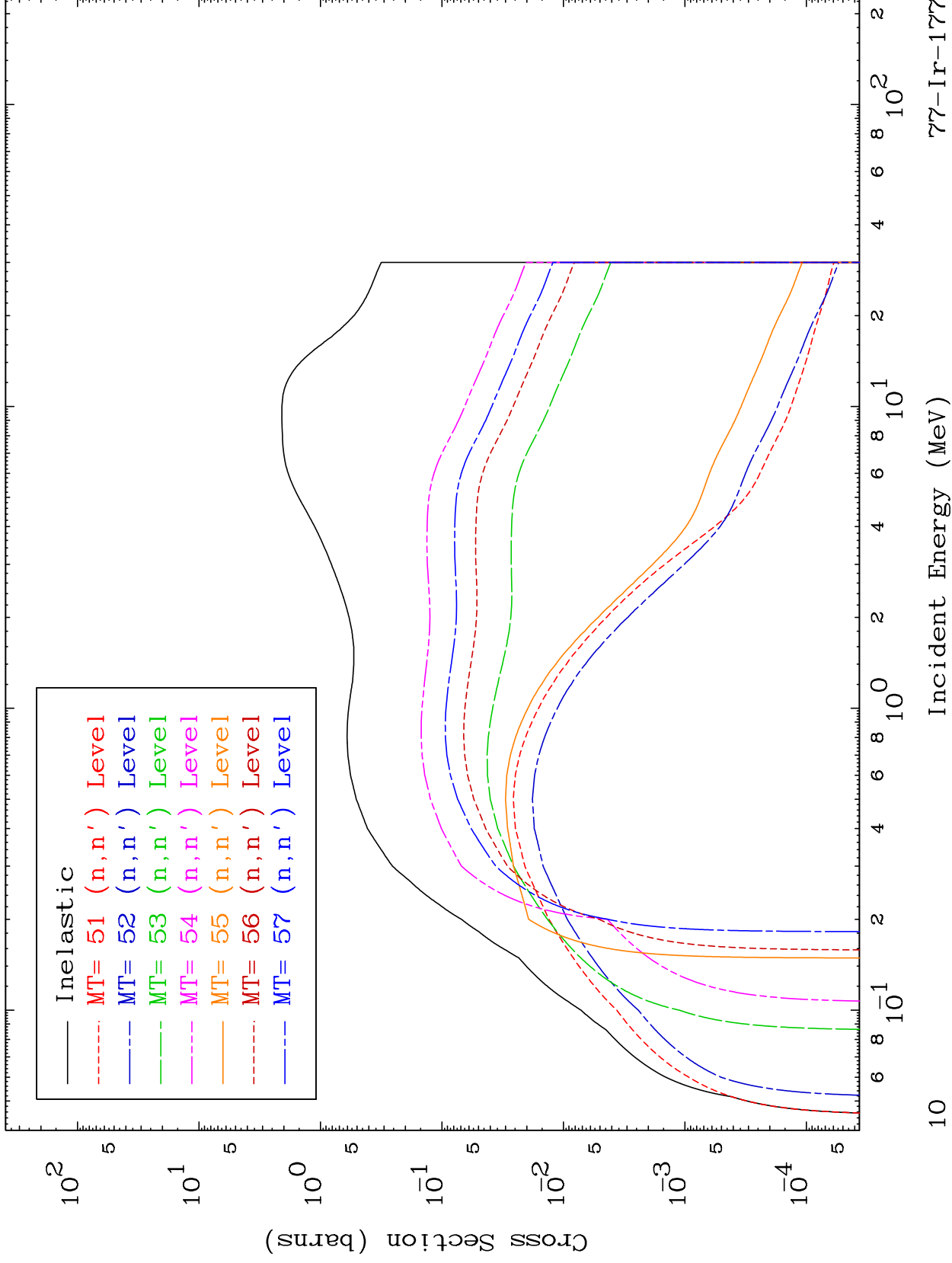




MAT 7683

293 (n,n') Levels

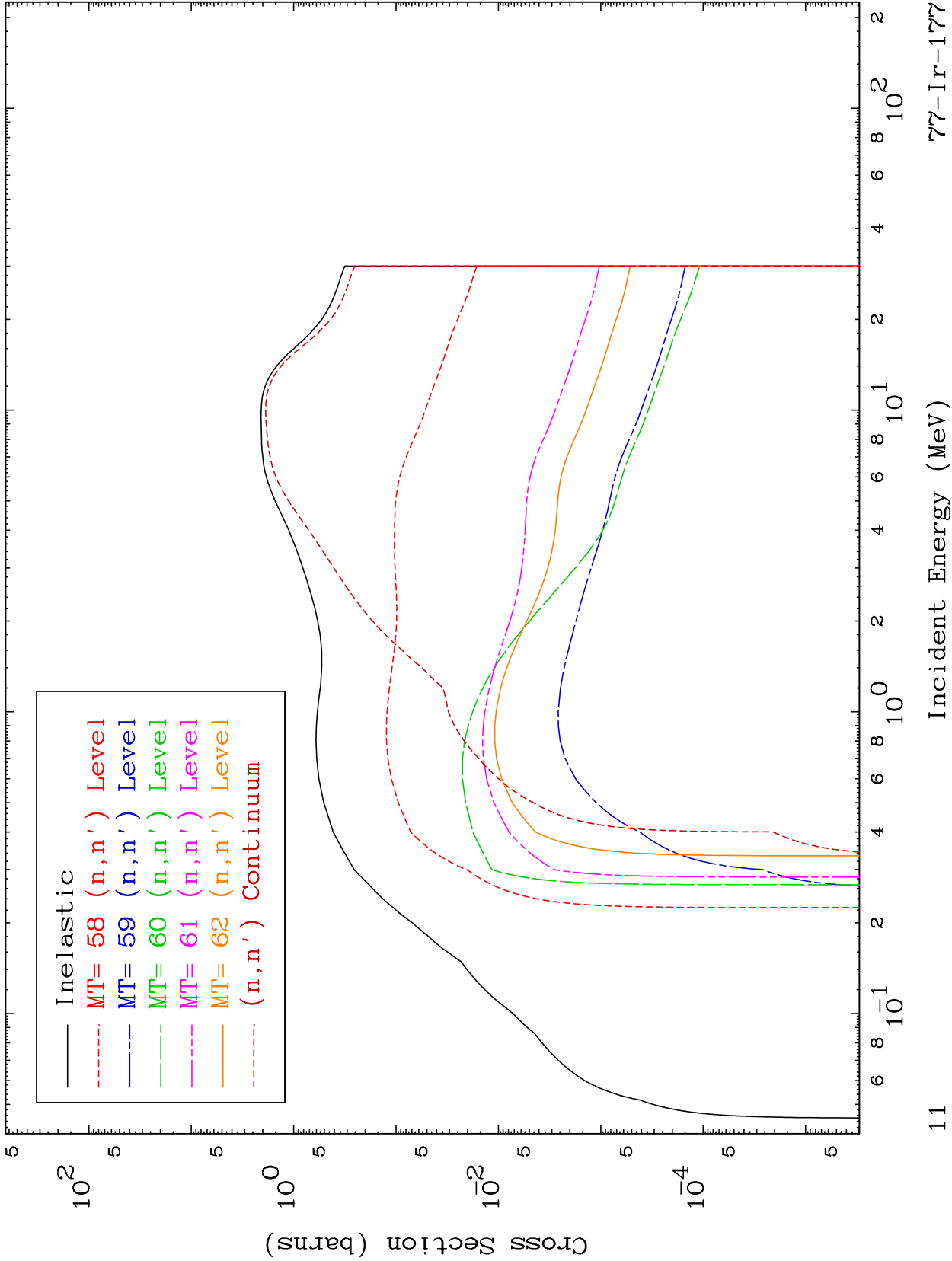
77-Ir-177



10

Incident Energy (MeV)

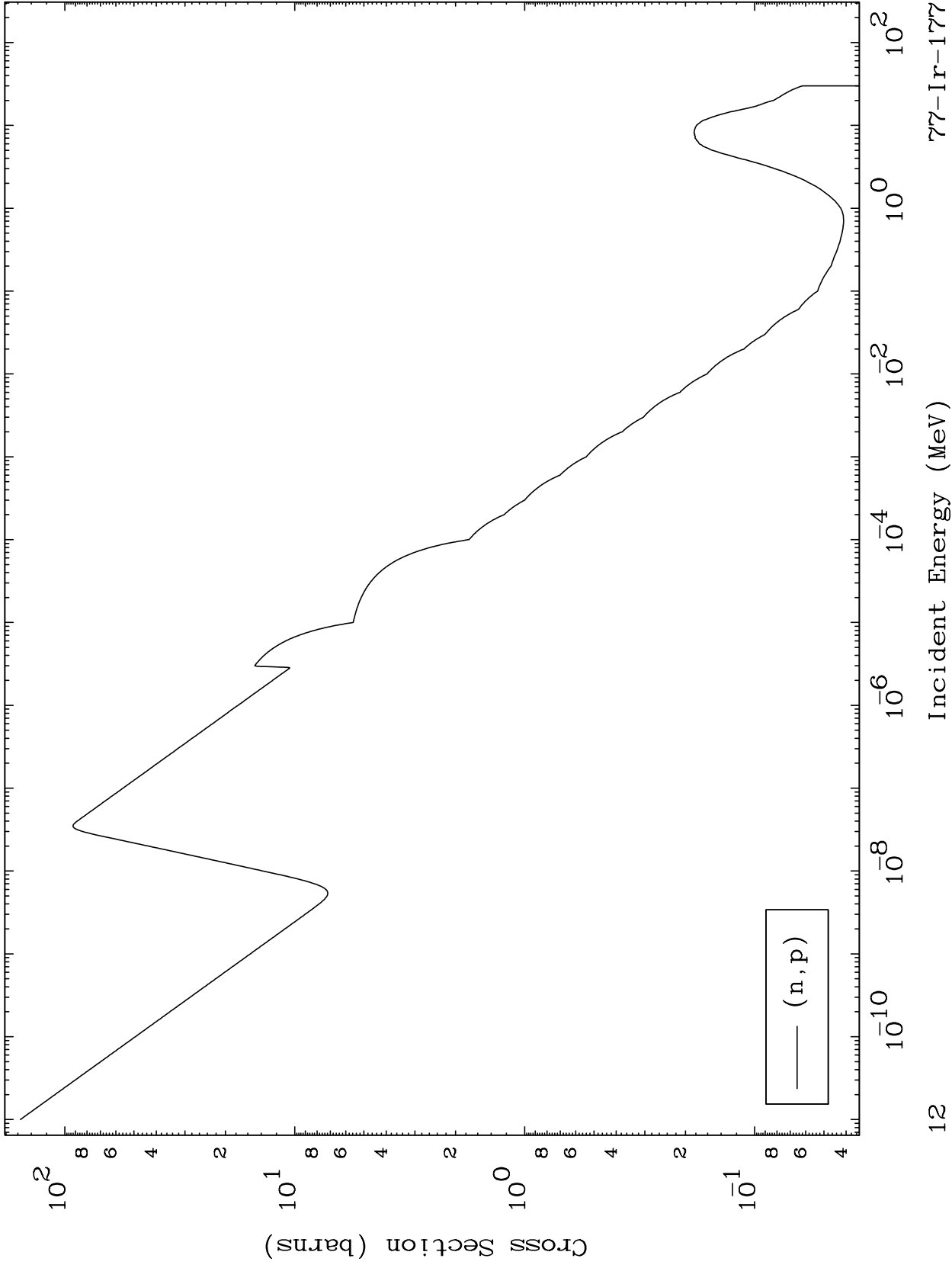
77-Ir-177



MAT 7683

(n,p) Levels  
293 Kelvin Cross Sections

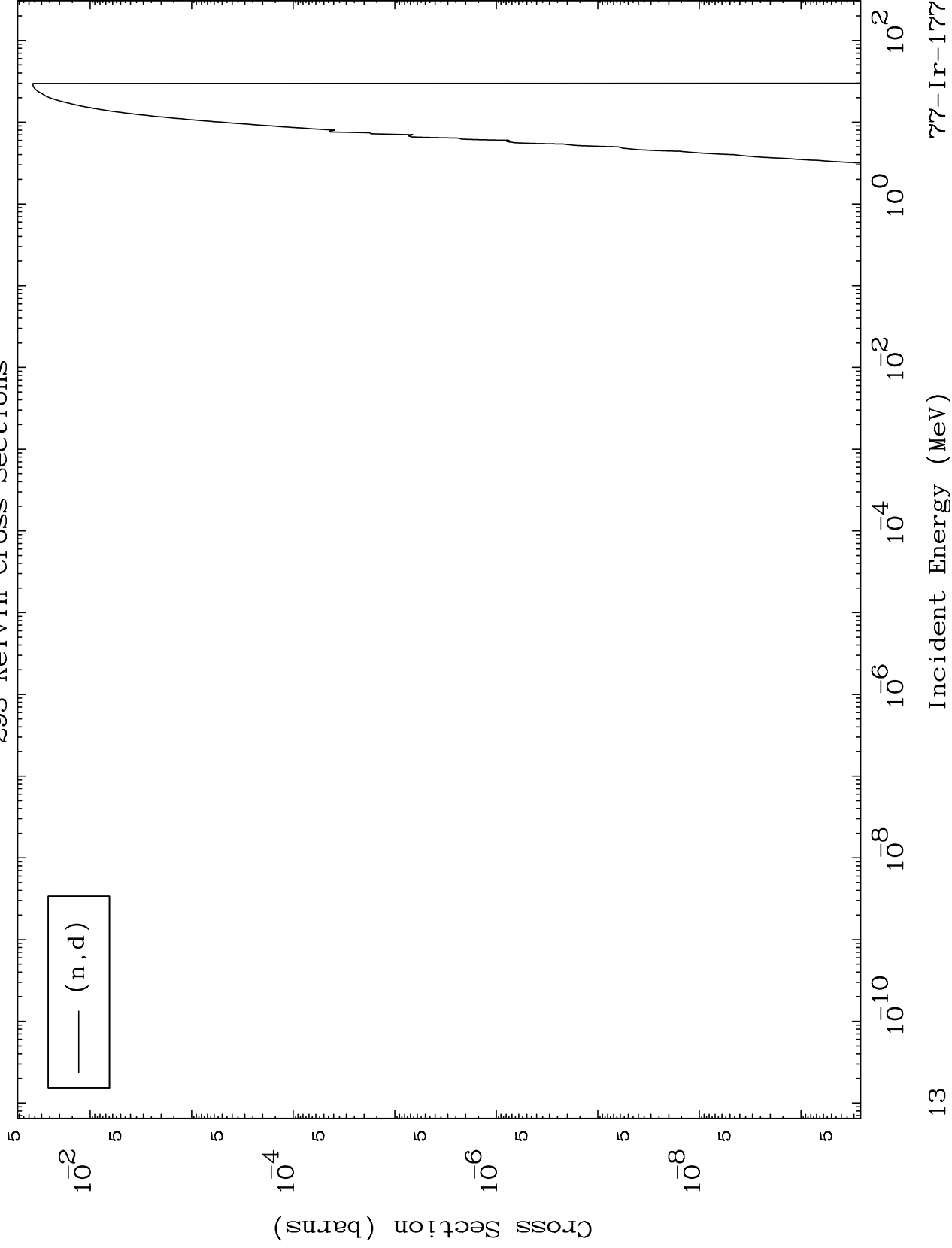
77-Ir-177



MAT 7683

(n,d) Levels  
293 Kelvin Cross Sections

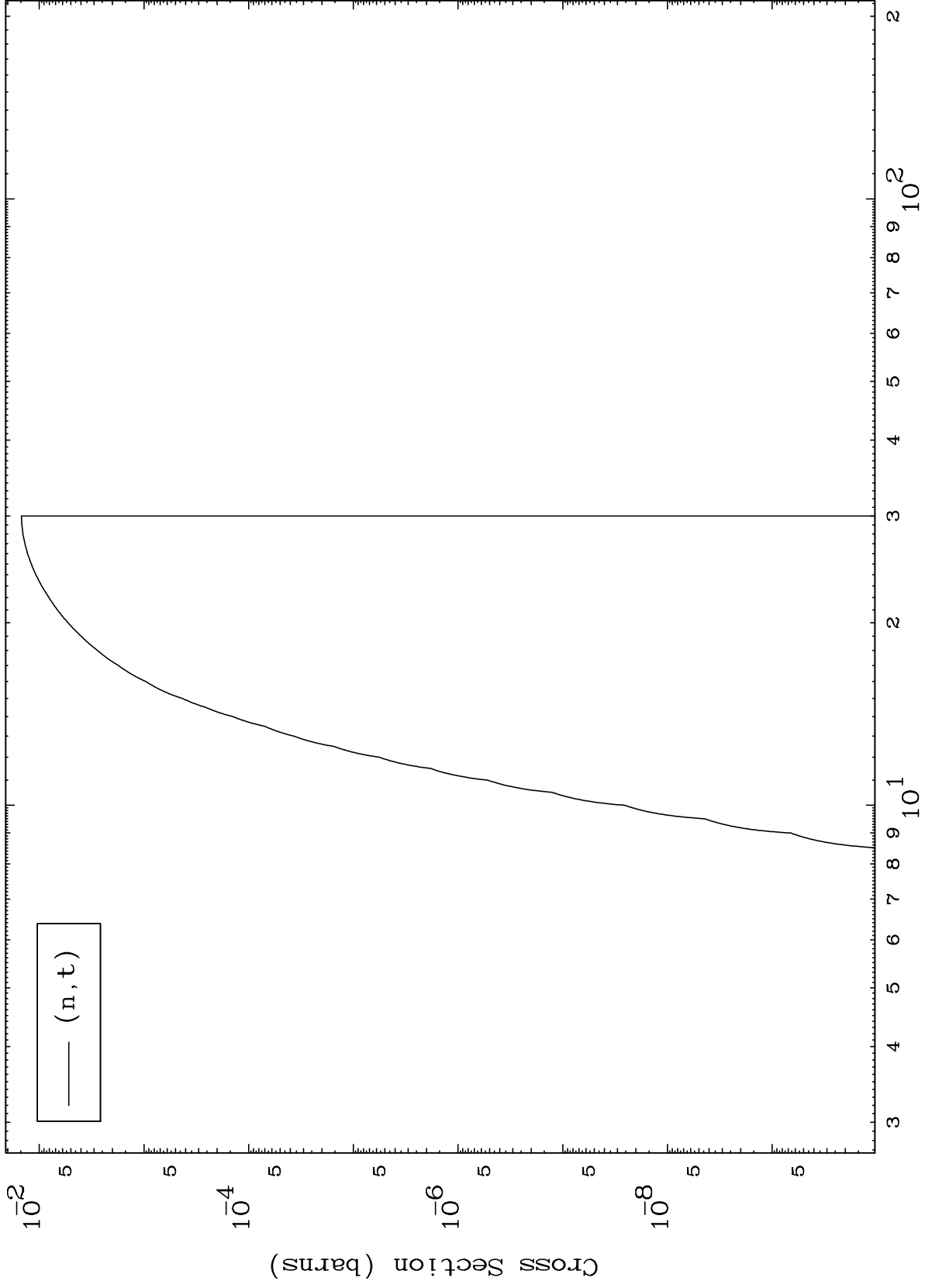
<sup>77</sup>Ir-177



MAT 7683

(n,t) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-177



14

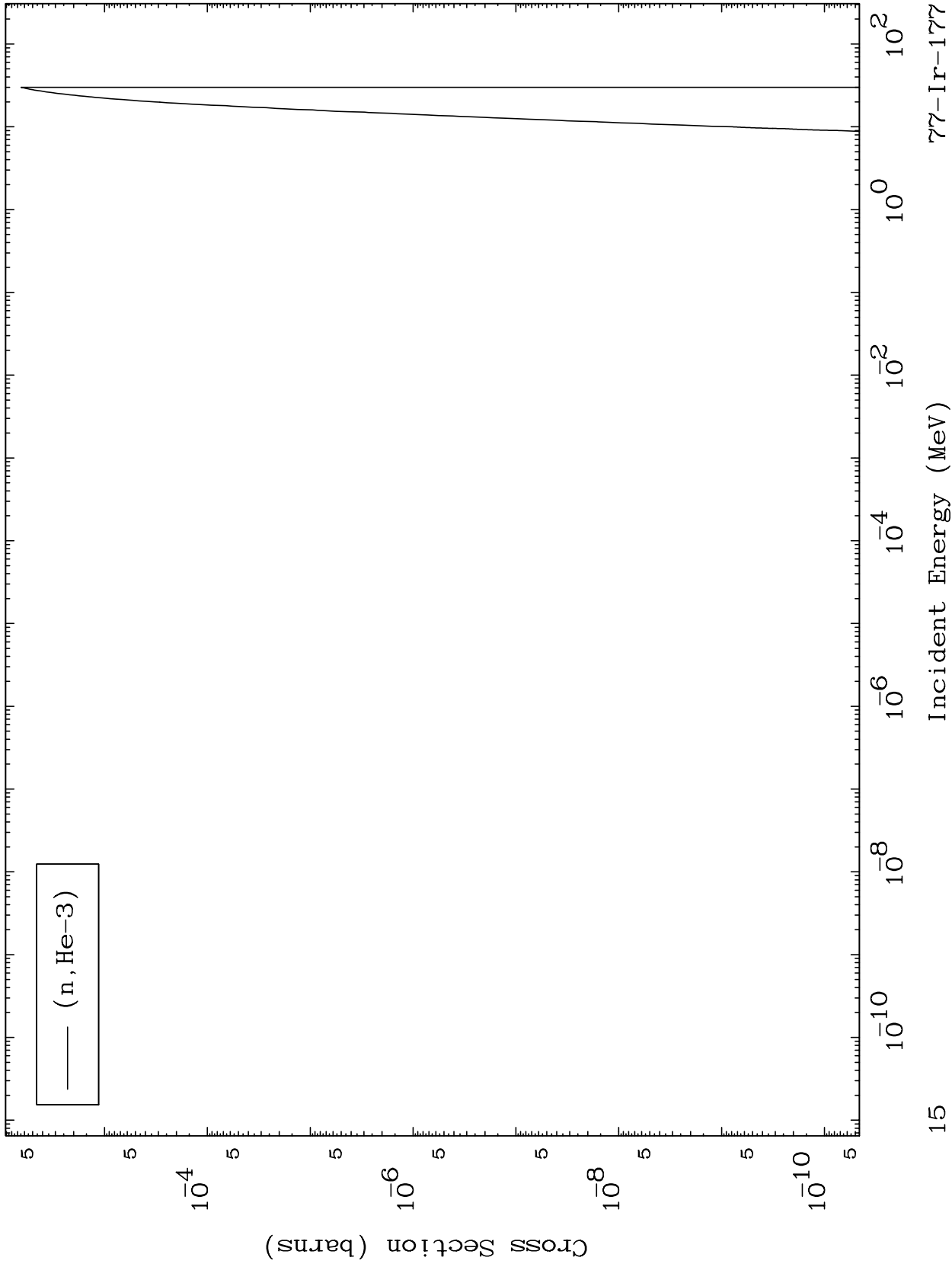
Incident Energy (MeV)

<sup>77</sup>Ir-177

MAT 7683

(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-177

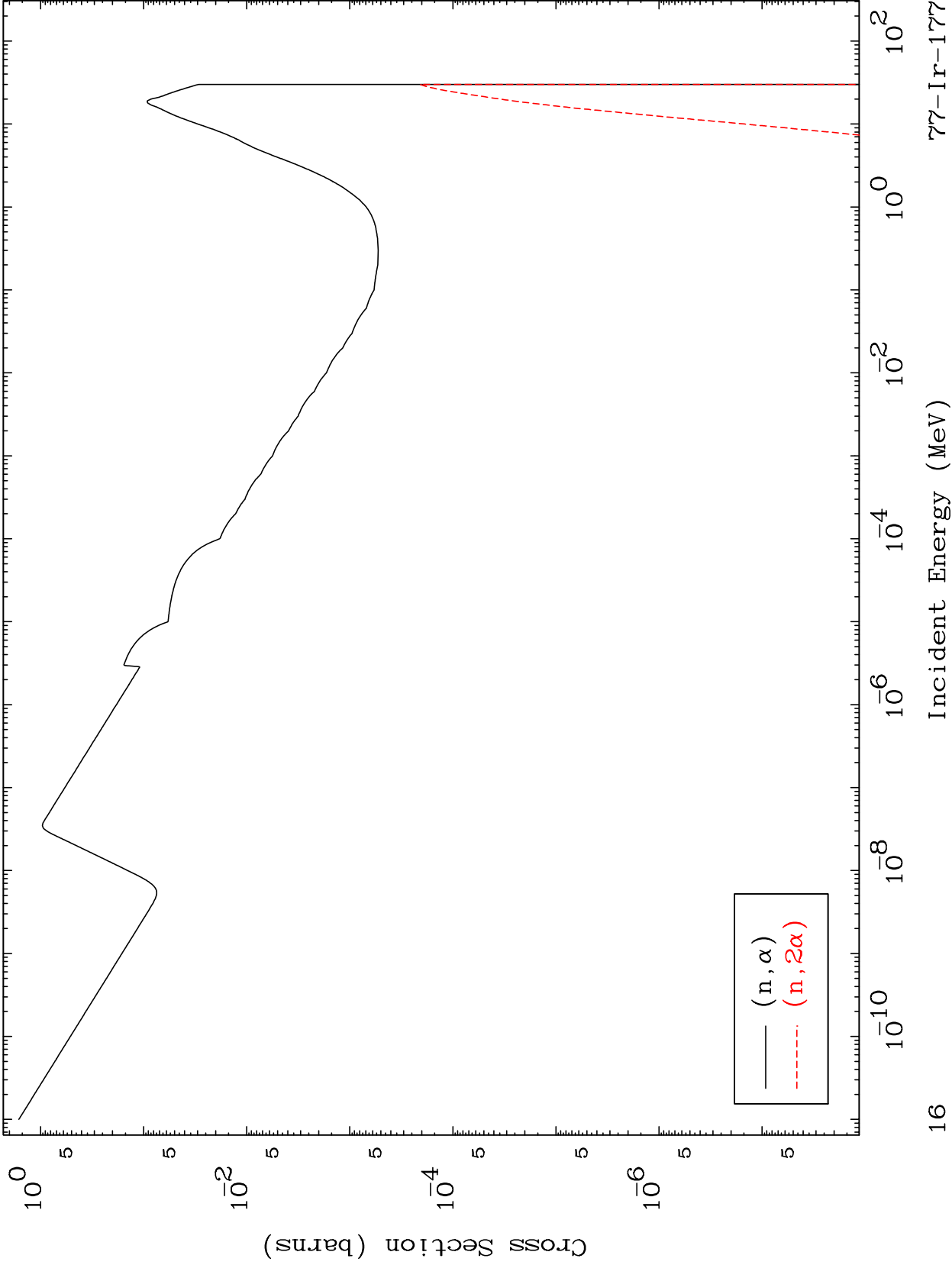




MAT 7683

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

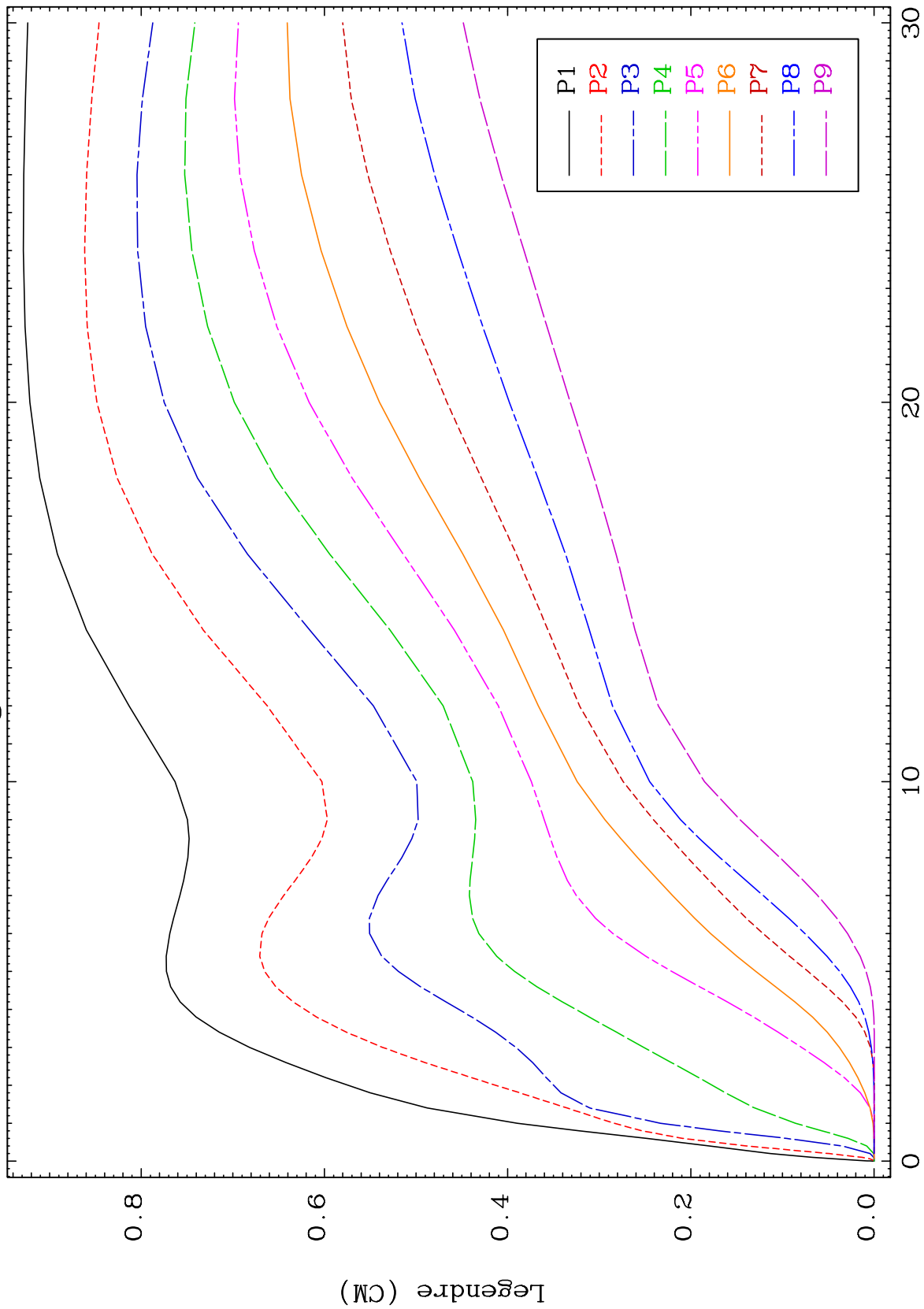
77-Ir-177



MAT 7683

Elastic Legendre Coefficients

<sup>77</sup>Ir-177



17

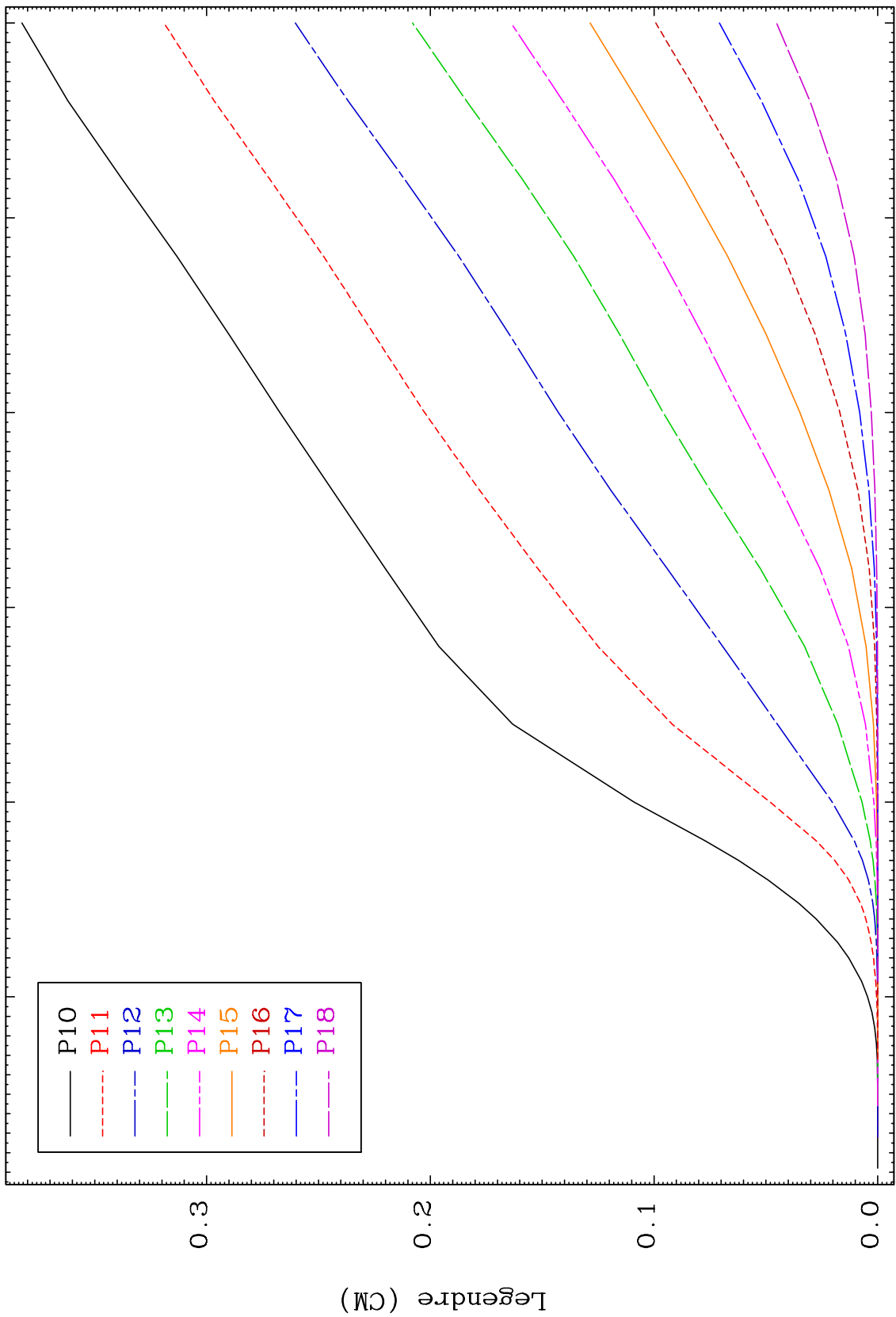
Incident Energy (MeV)

<sup>77</sup>Ir-177

MAT 7683

Elastic Legendre Coefficients

<sup>77</sup>Ir-177



18

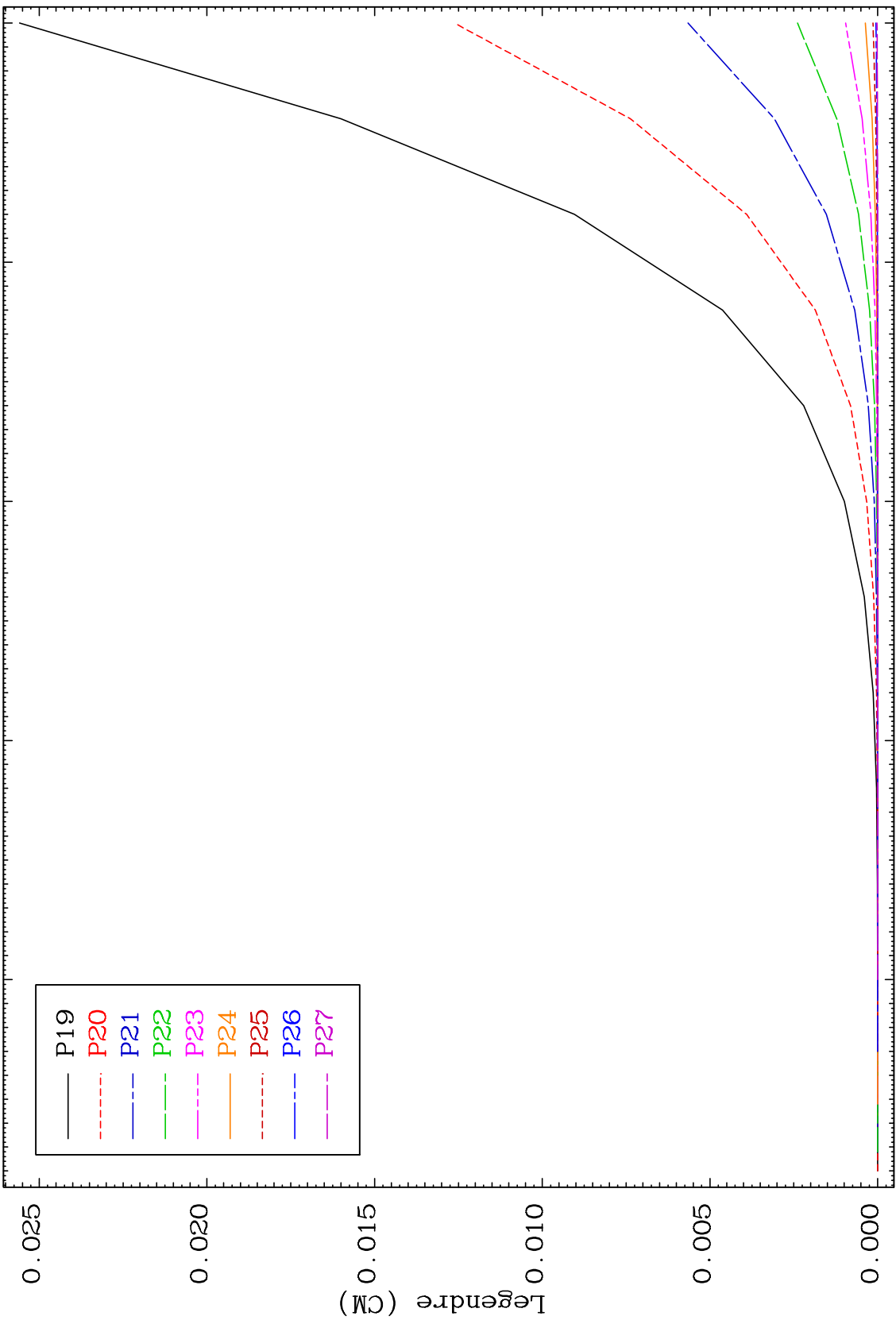
Incident Energy (MeV)

<sup>77</sup>Ir-177

MAT 7683

Elastic Legendre Coefficients

<sup>77</sup>Ir-177



19

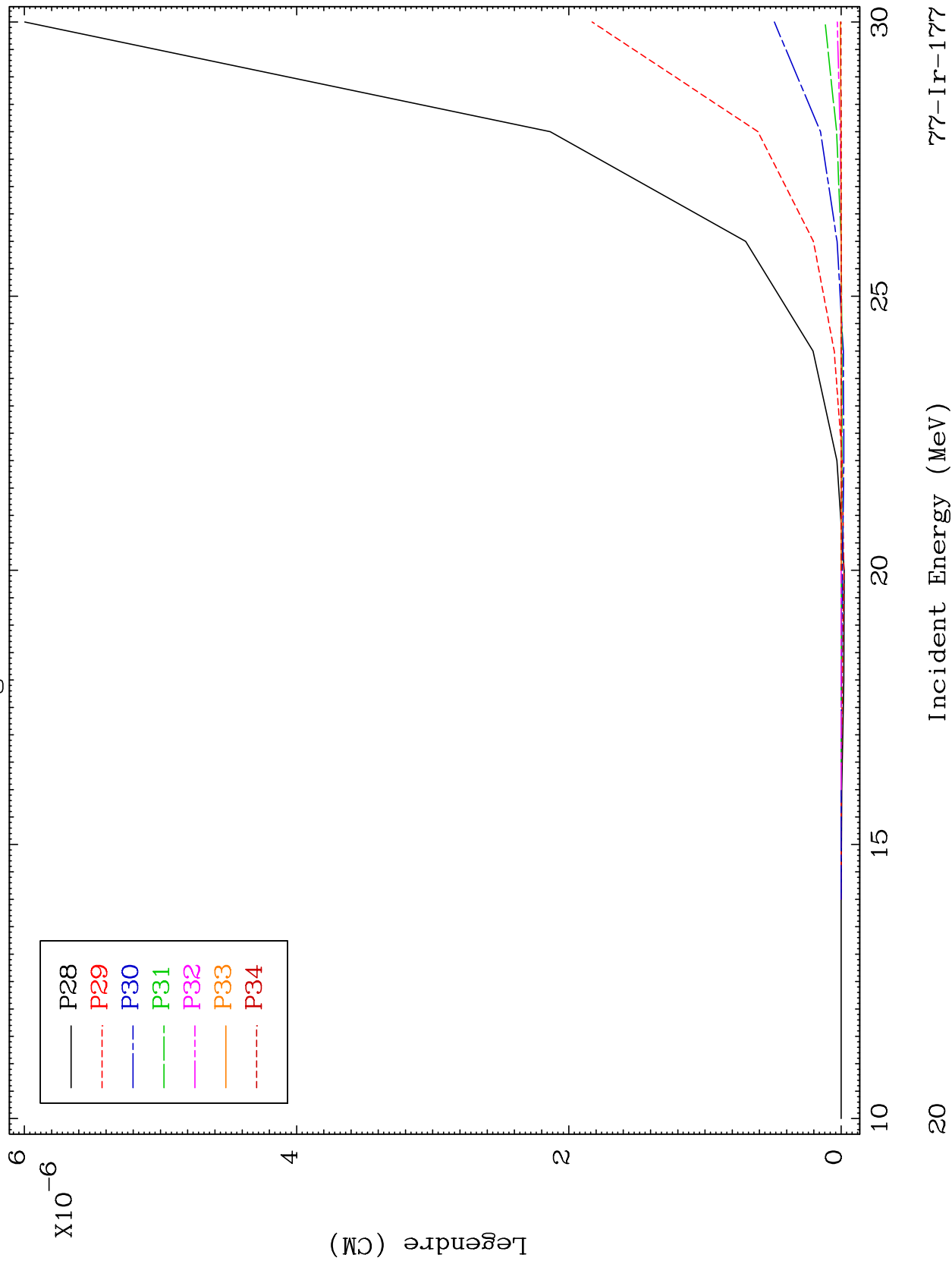
Incident Energy (MeV)

<sup>77</sup>Ir-177

MAT 7683

Elastic Legendre Coefficients

<sup>77</sup>Ir-177



<sup>77</sup>Ir-177

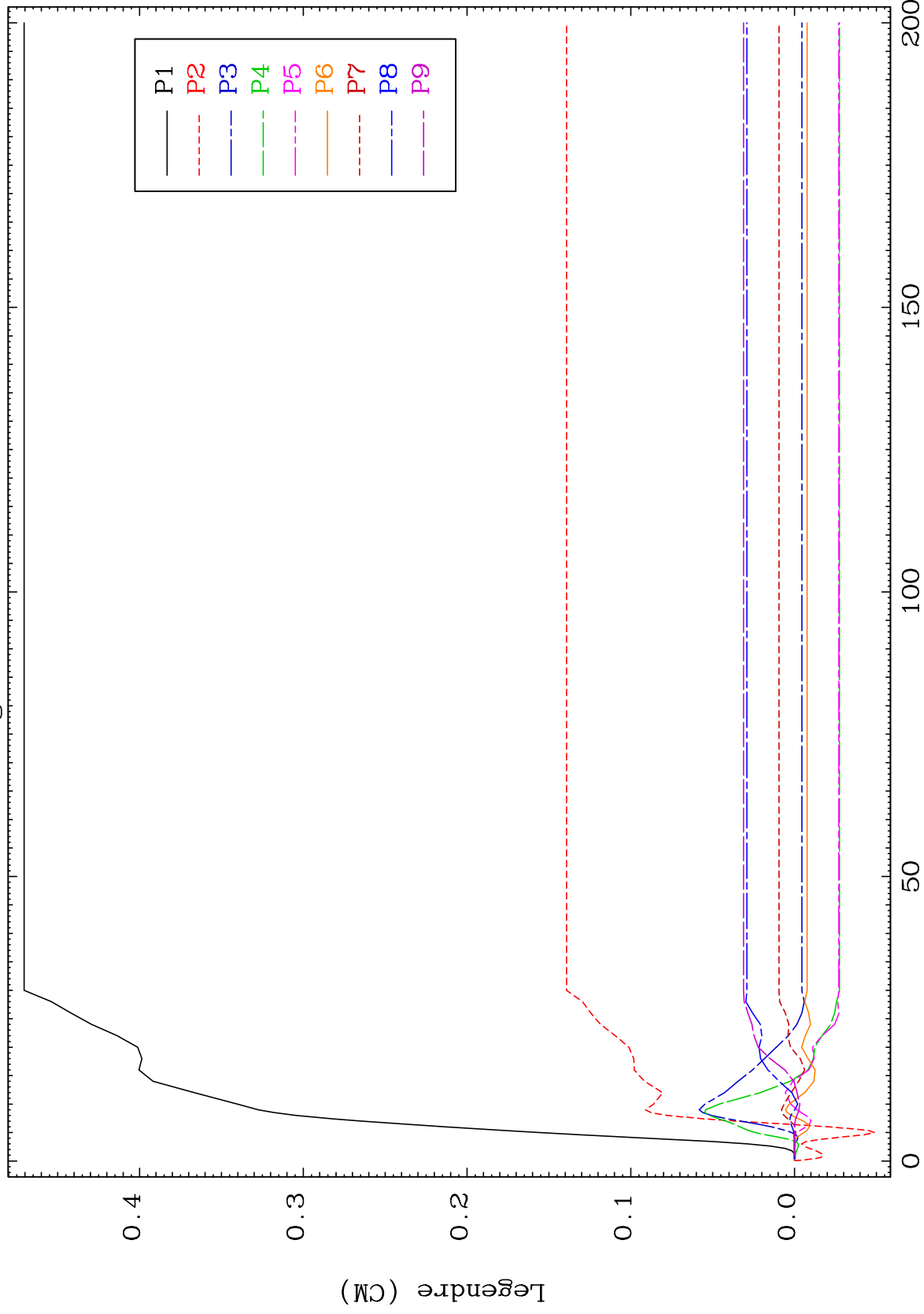
Incident Energy (MeV)

20

MAT 7683

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

77-Ir-177



21

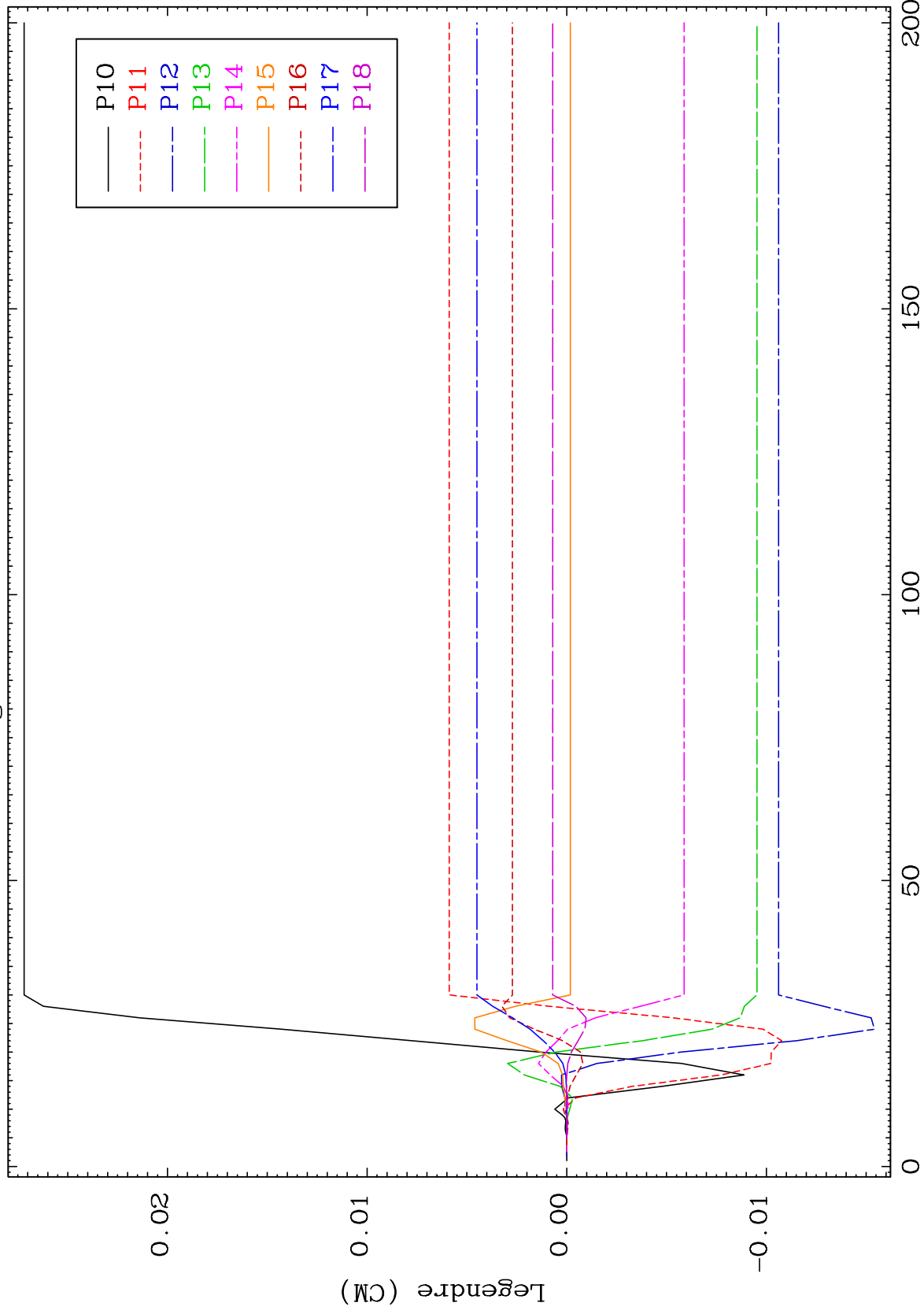
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

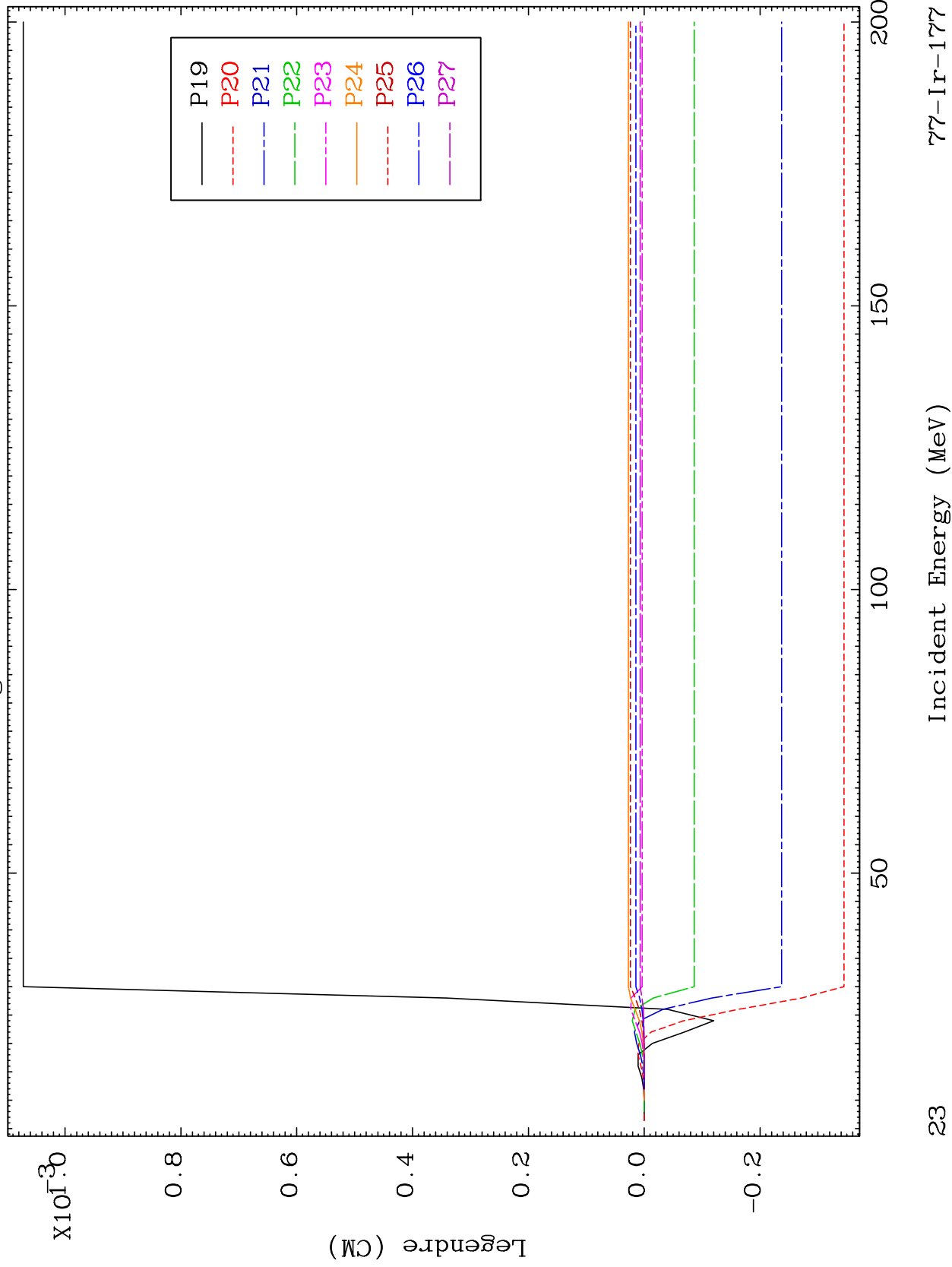
77-Ir-177



22

Incident Energy (MeV)

77-Ir-177

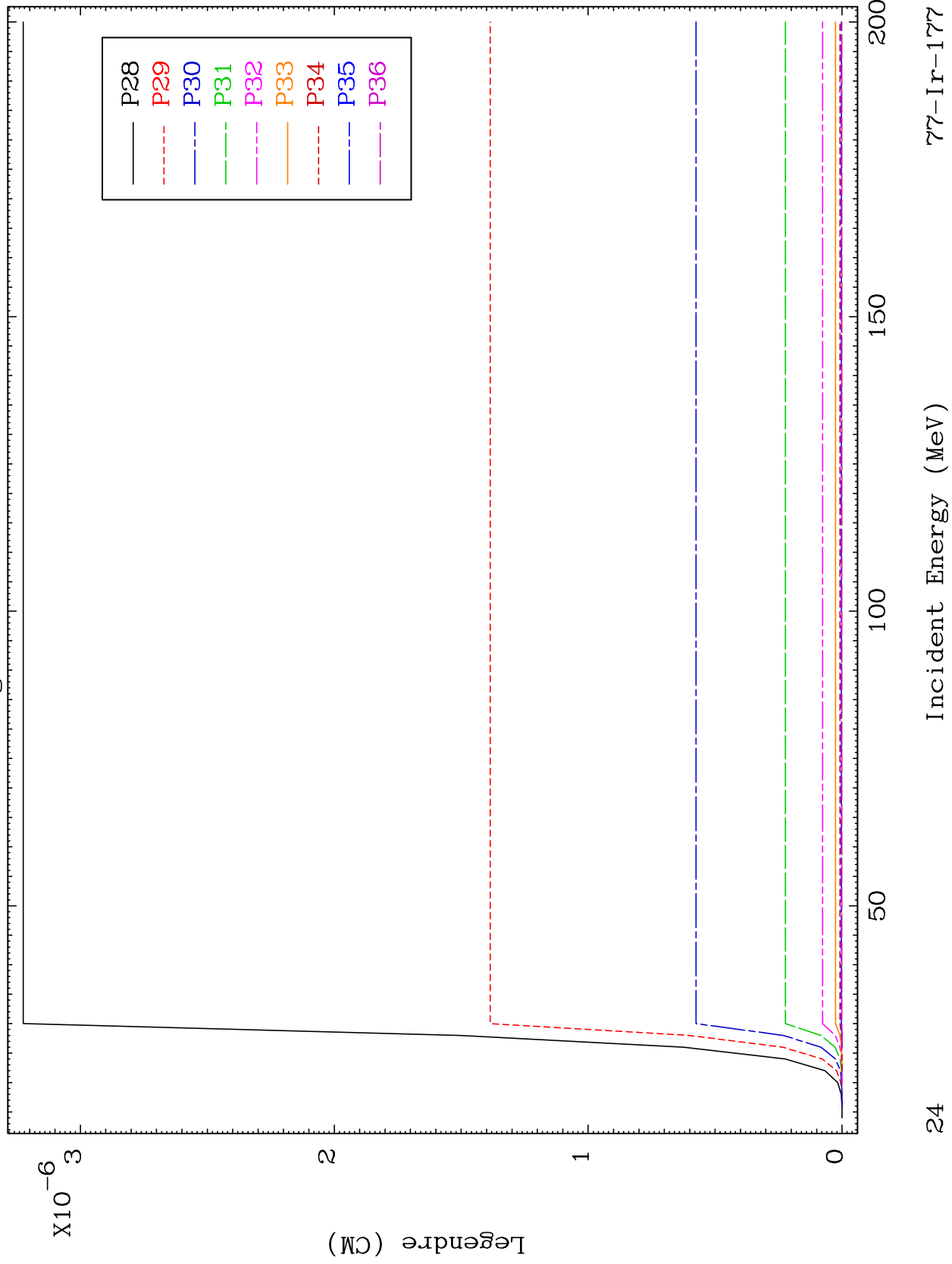




MAT 7683

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

77-Ir-177



24

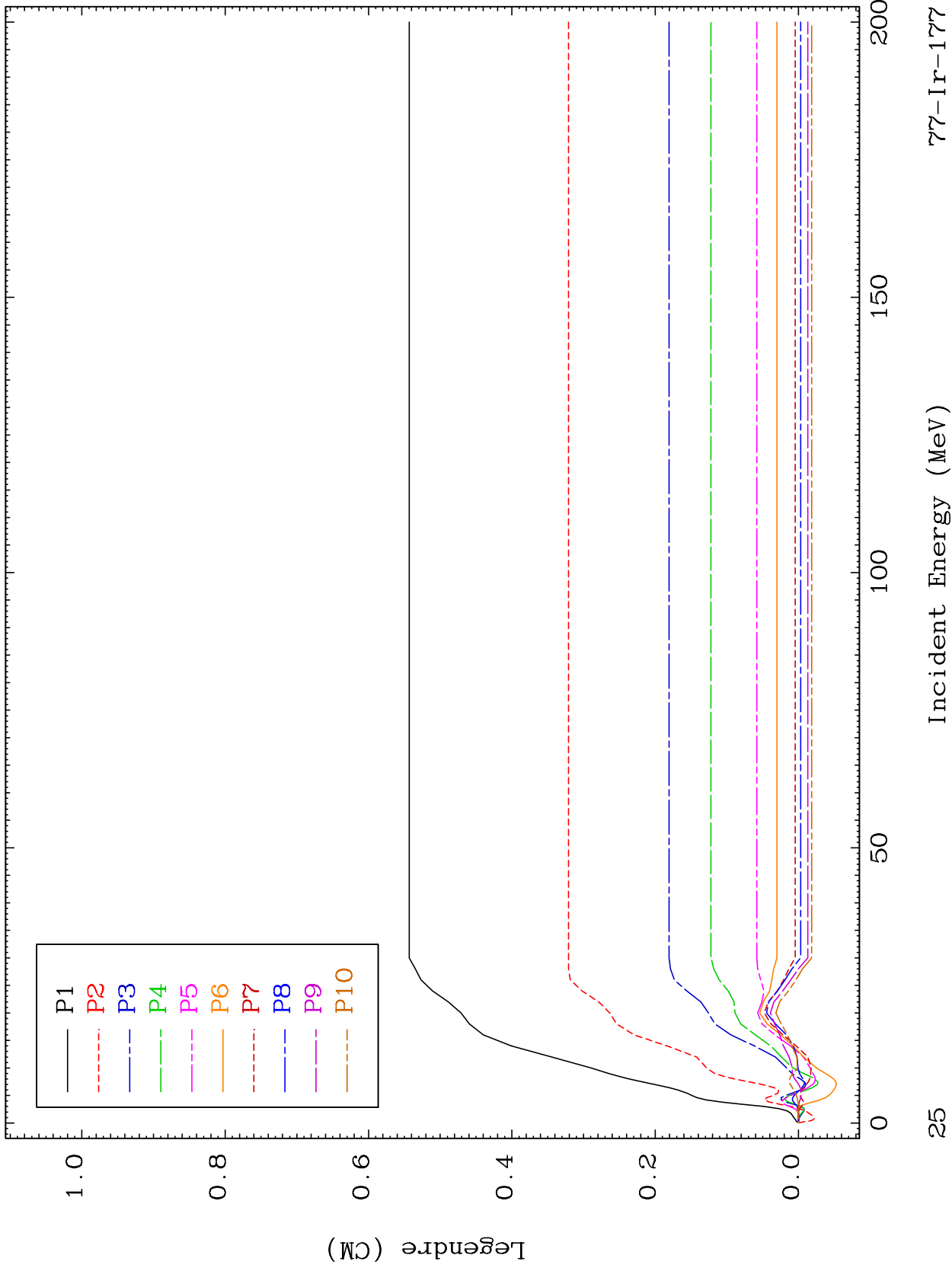
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

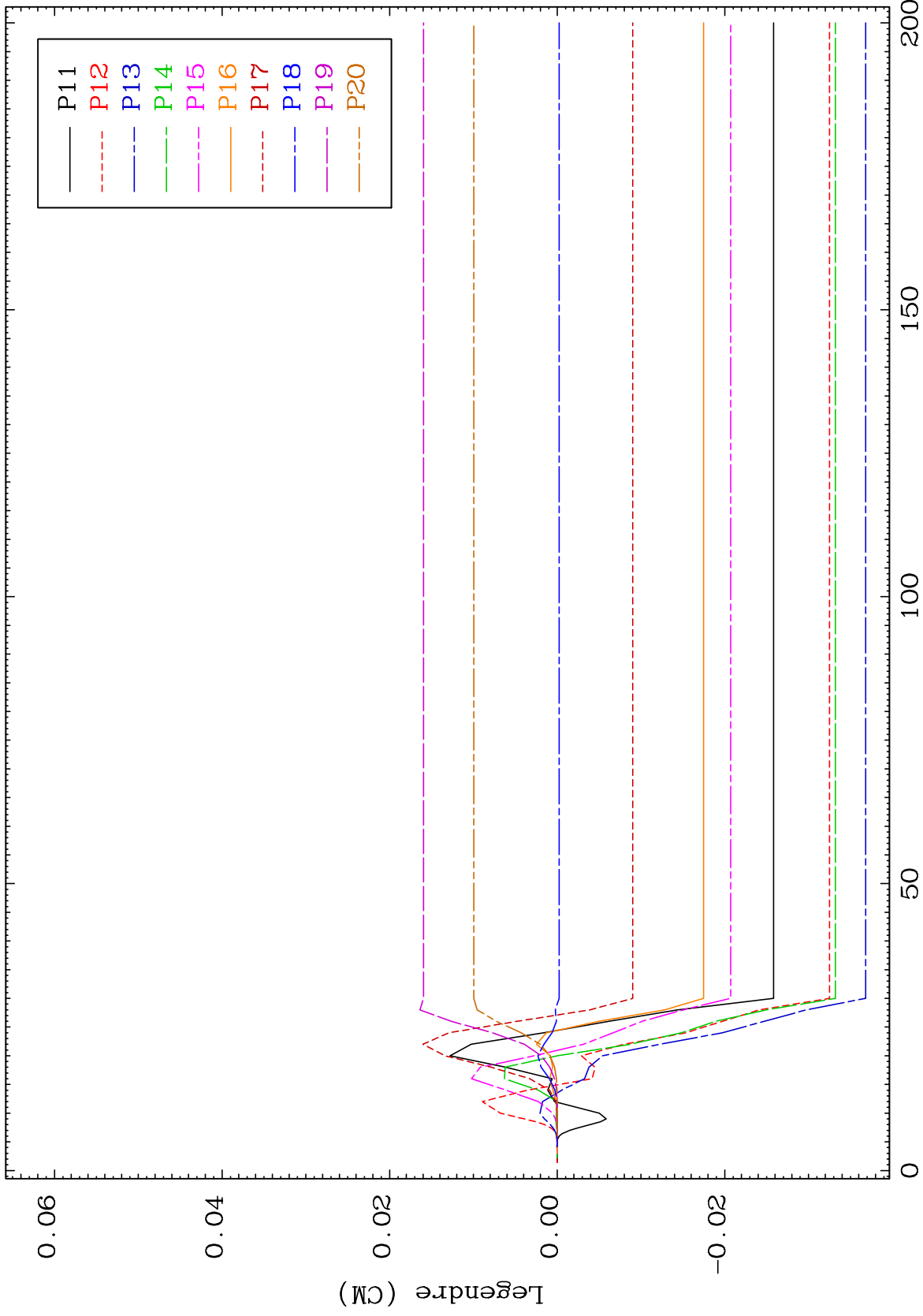
77-Ir-177

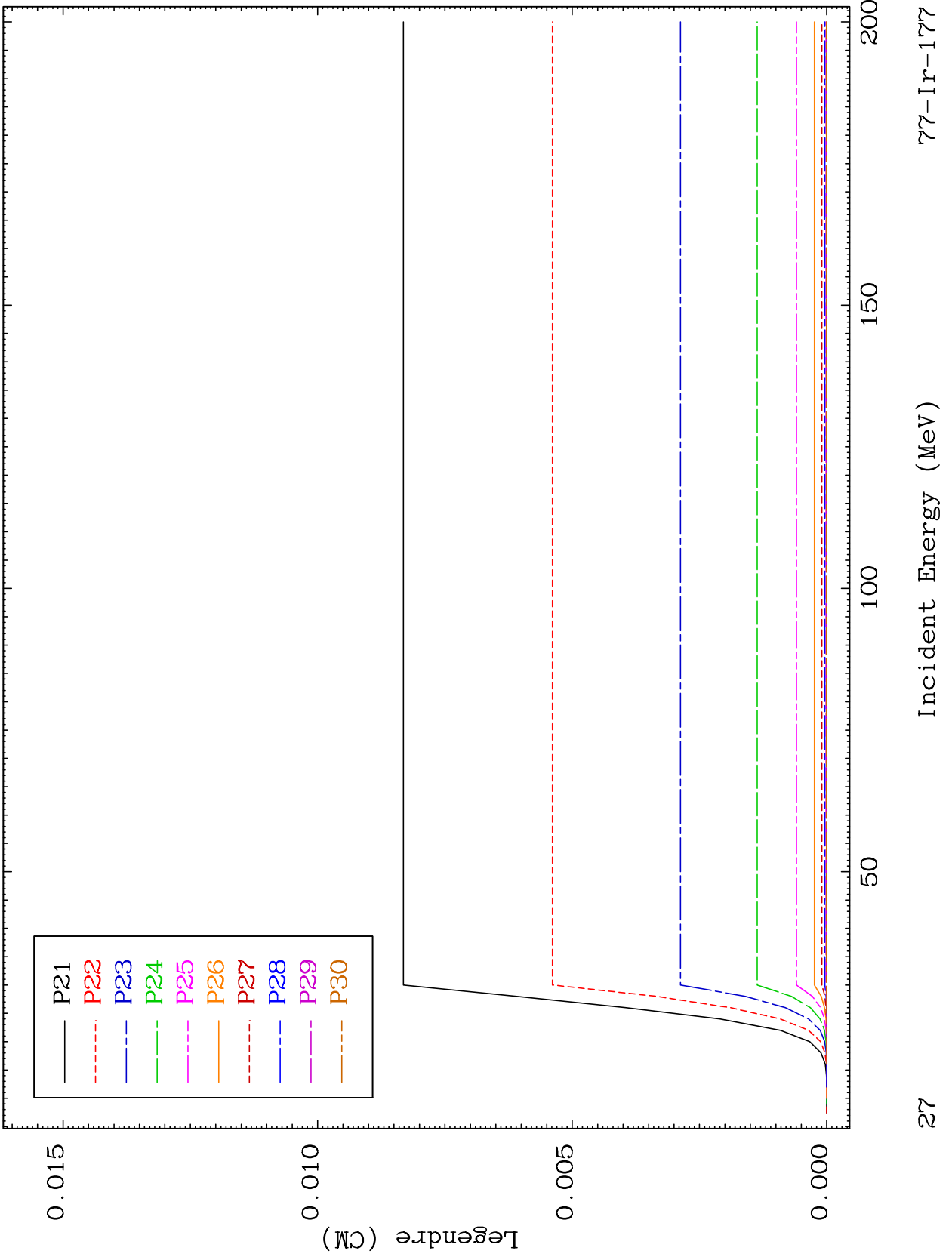


77-Ir-177

Incident Energy (MeV)

25

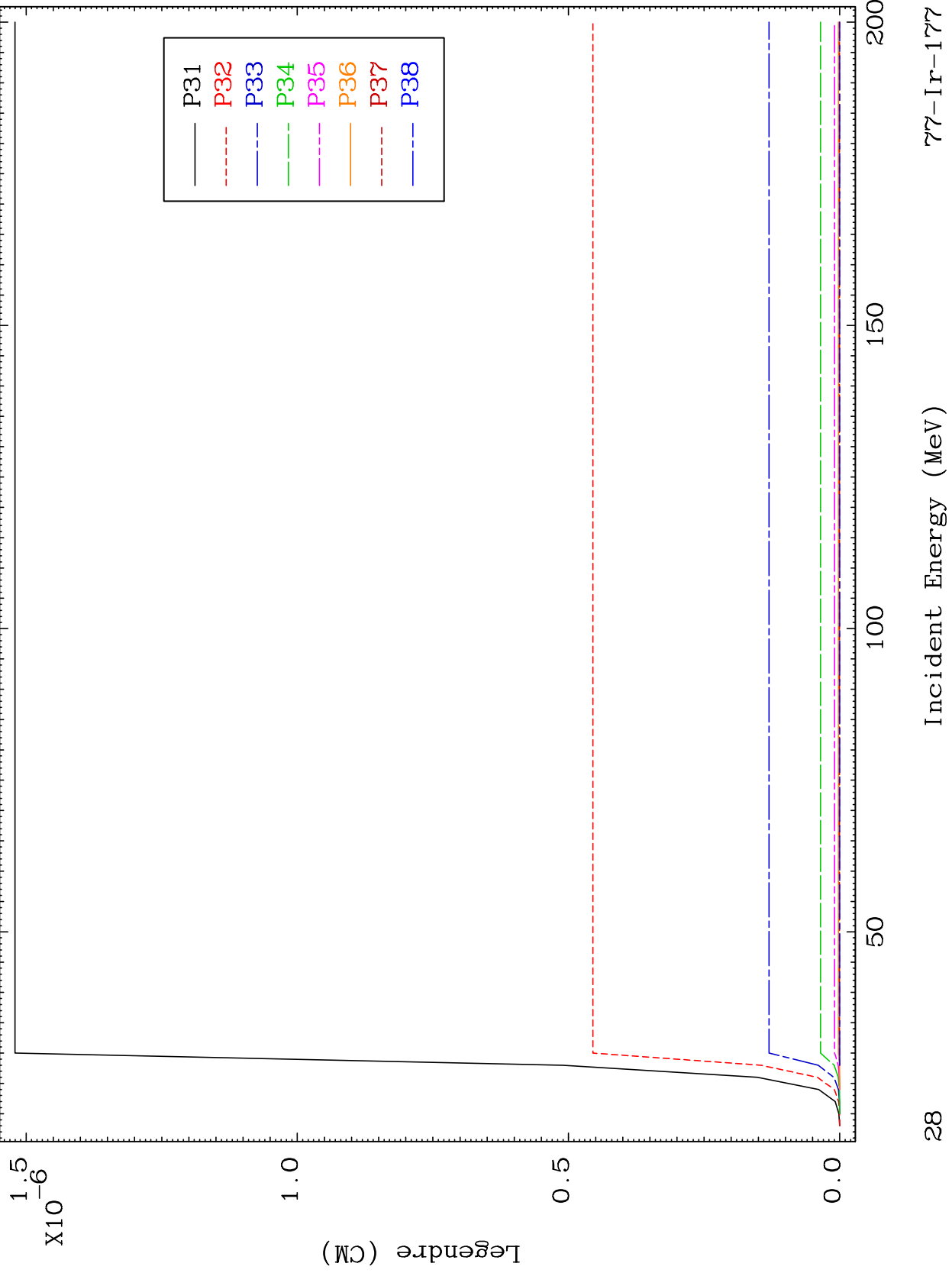




MAT 7683

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

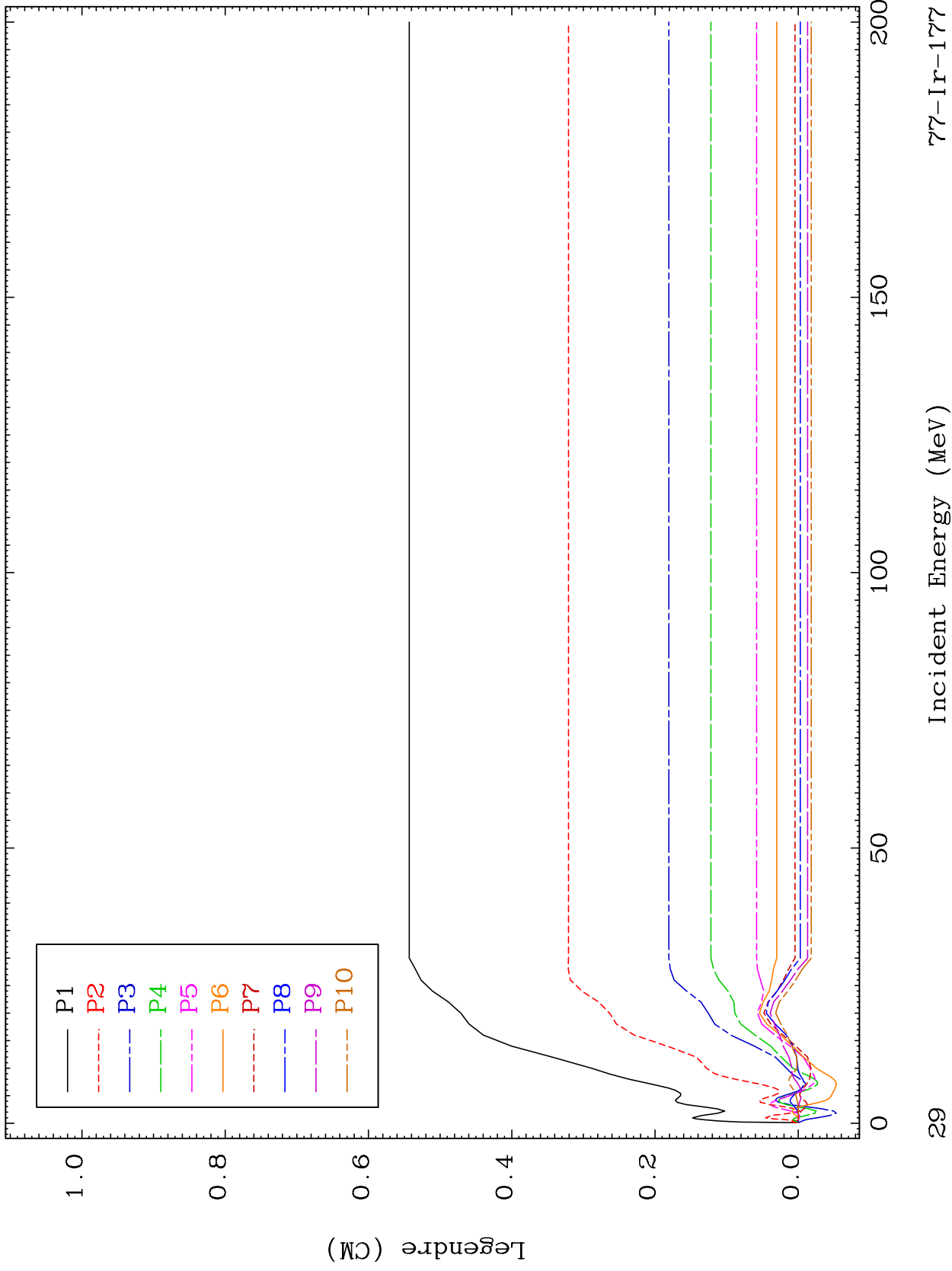
77-Ir-177



28

Incident Energy (MeV)

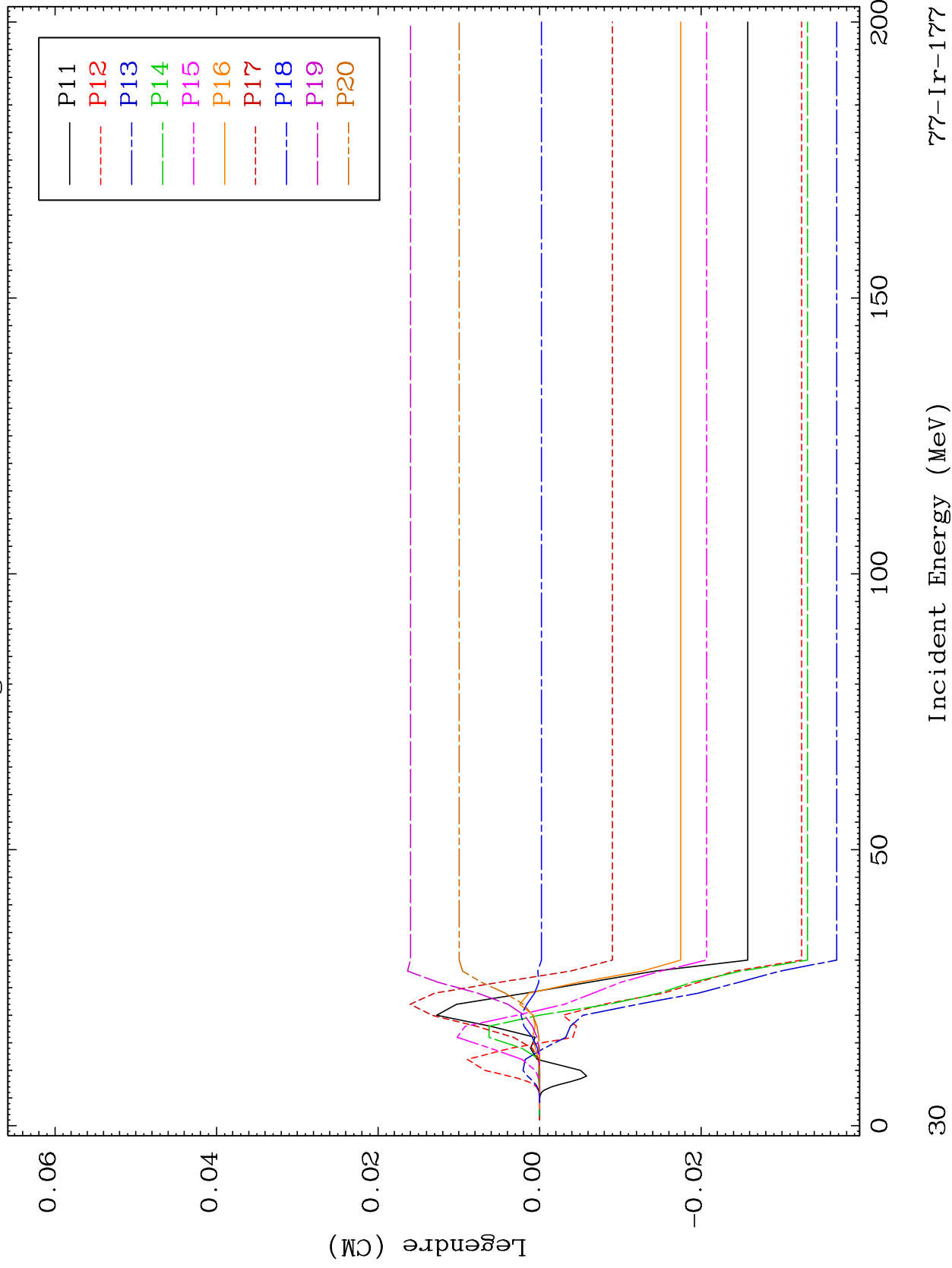
77-Ir-177



MAT 7683

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

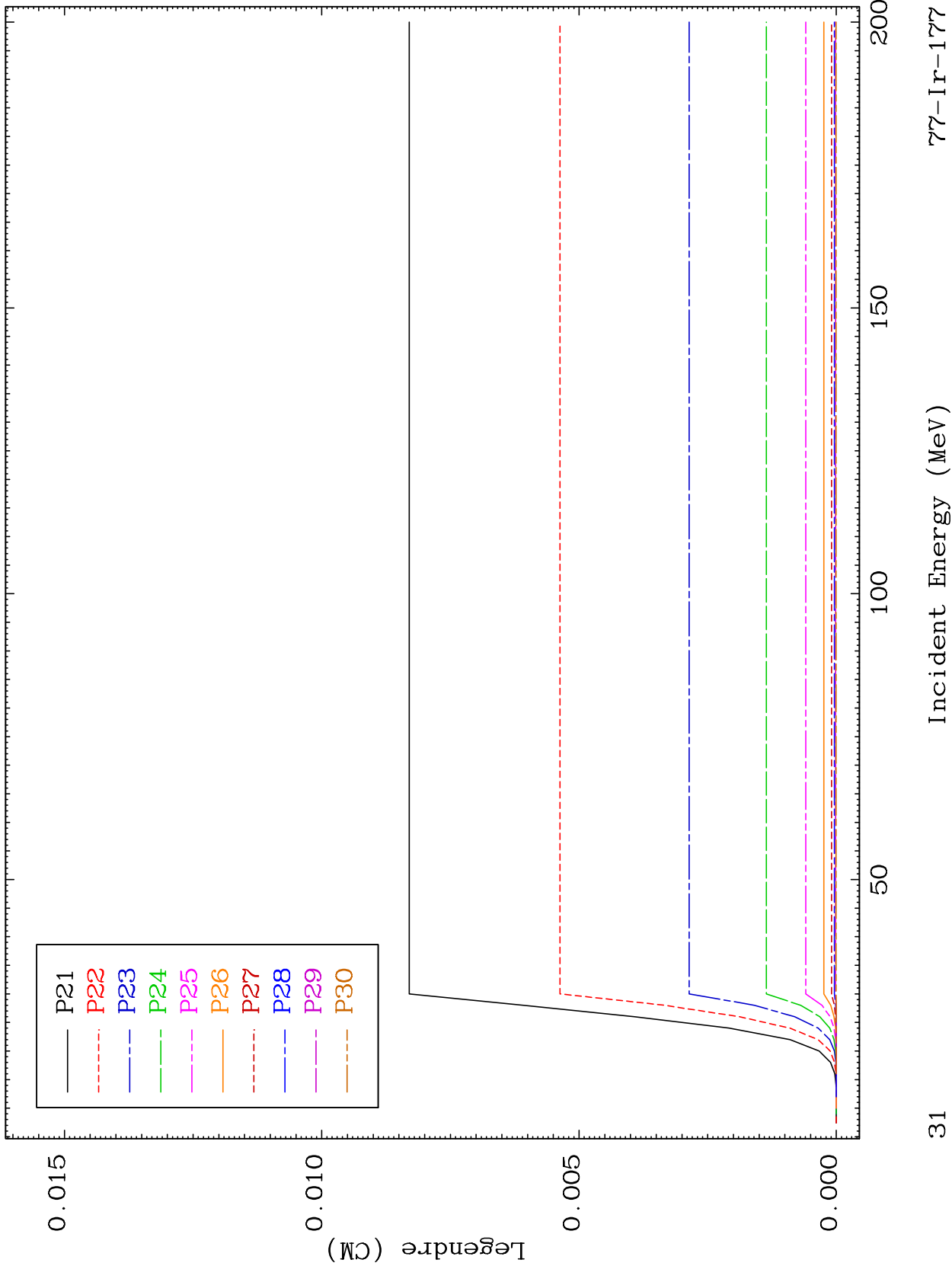
77-Ir-177



77-Ir-177

Incident Energy (MeV)

30

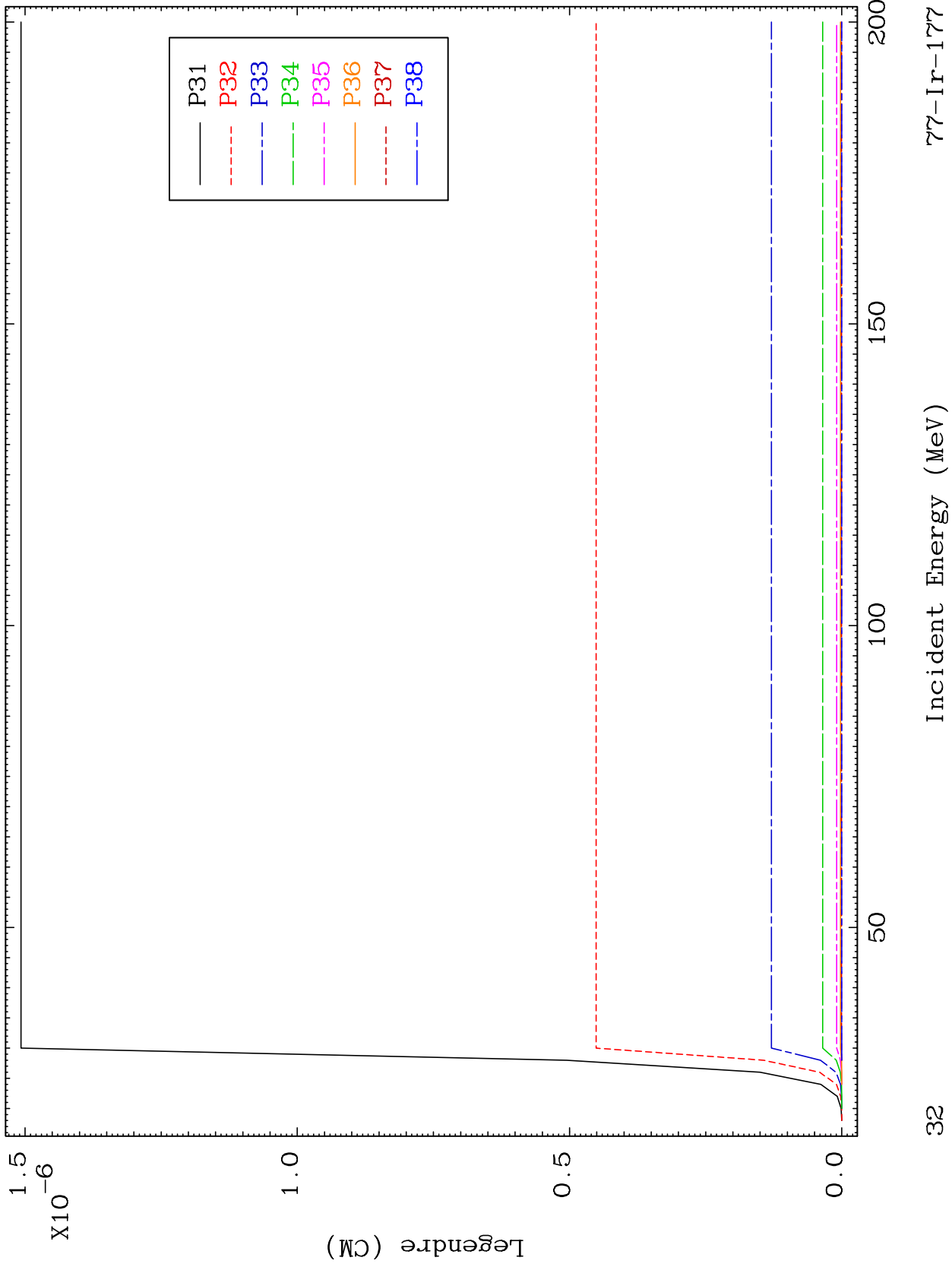




MAT 7683

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

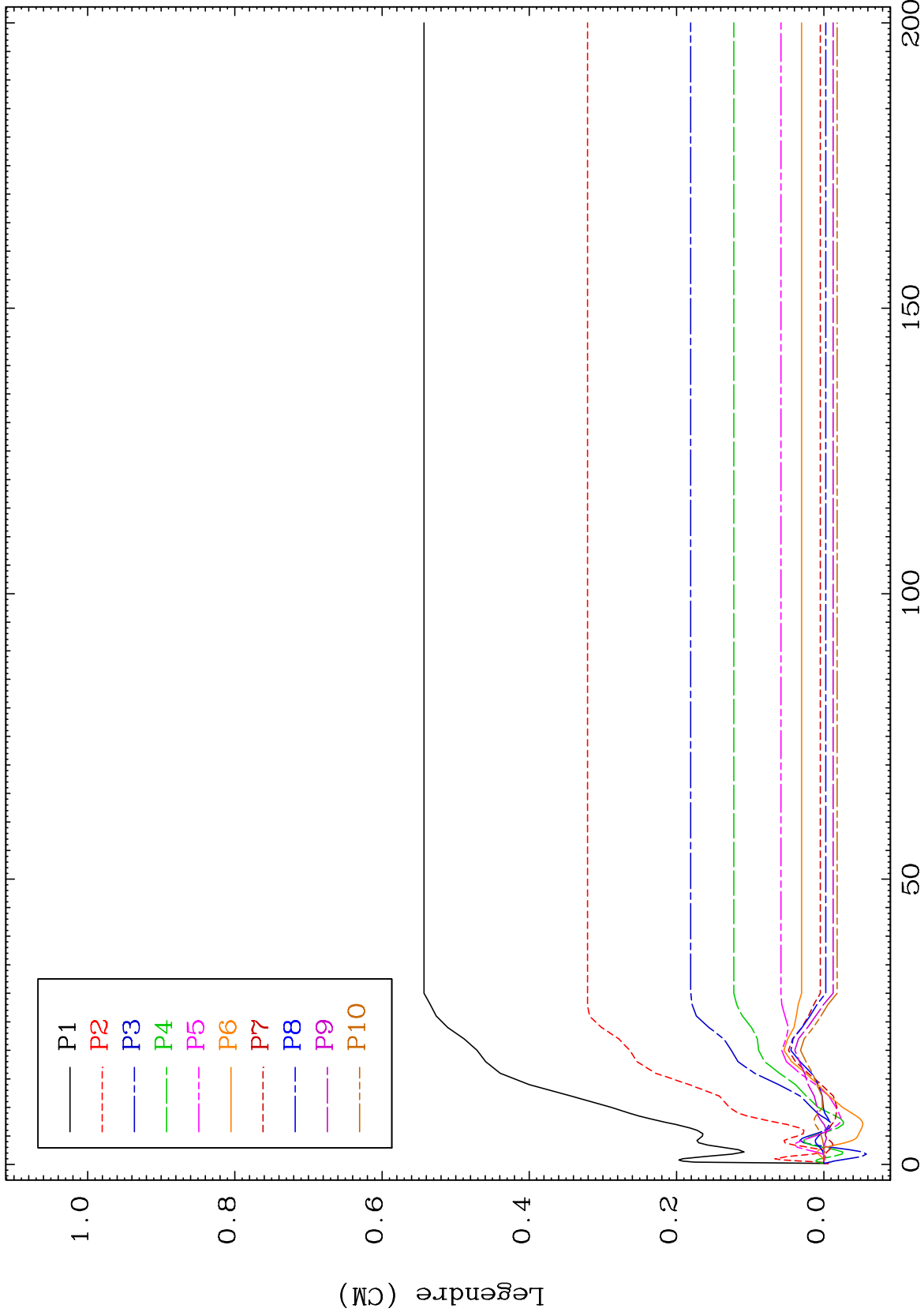
77-Ir-177



32

Incident Energy (MeV)

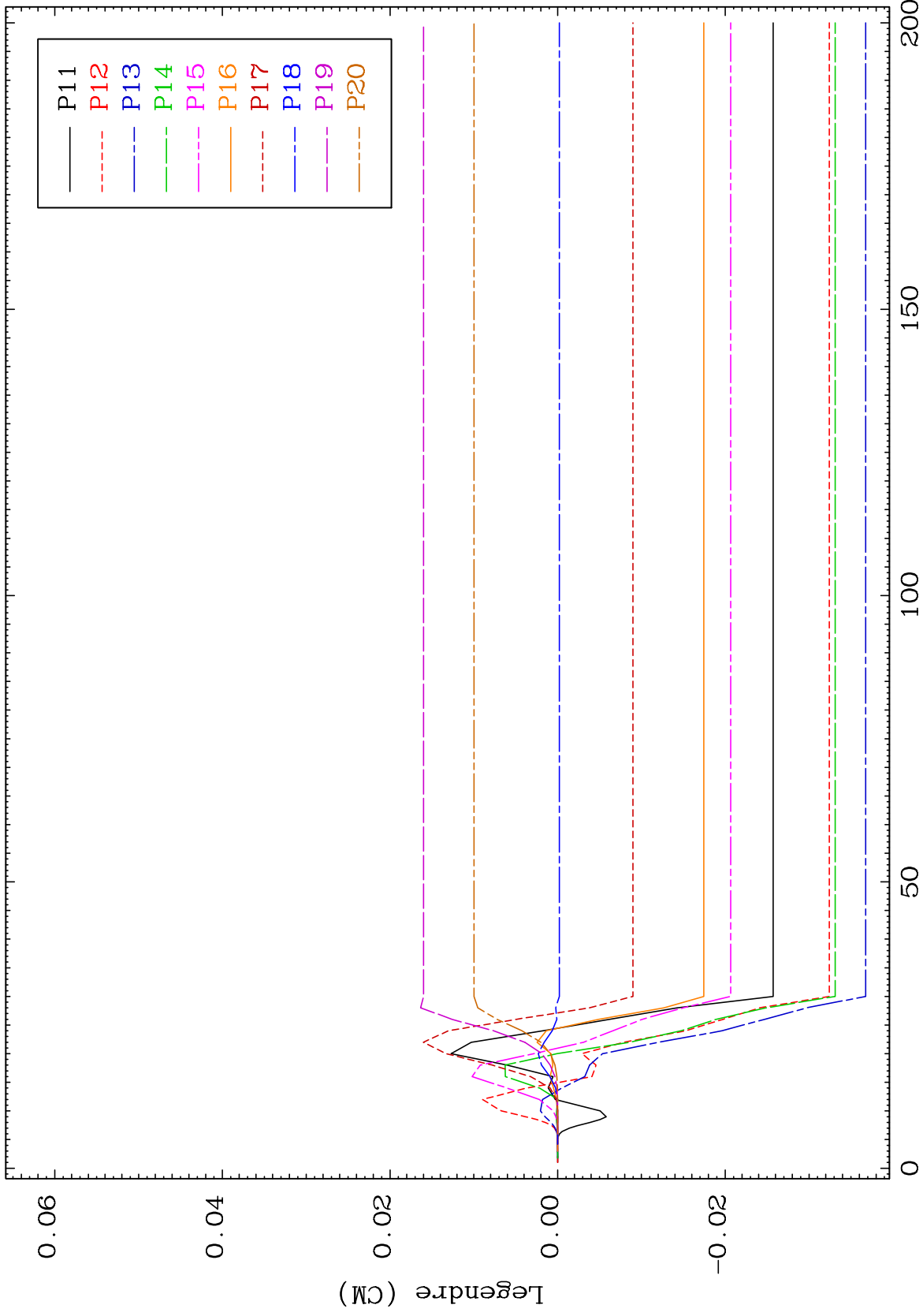
77-Ir-177



MAT 7683

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

77-Ir-177



34

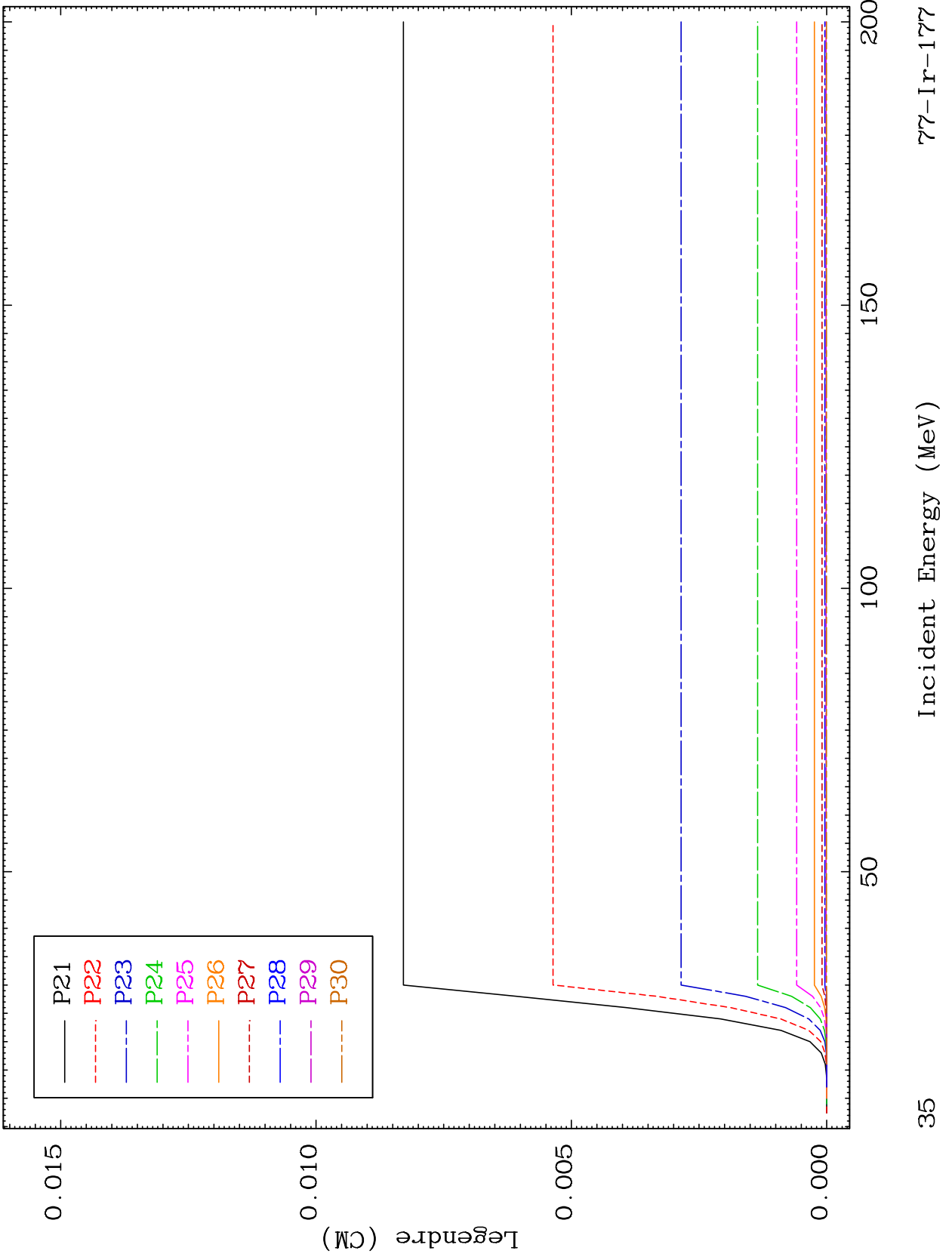
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

77-Ir-177



35

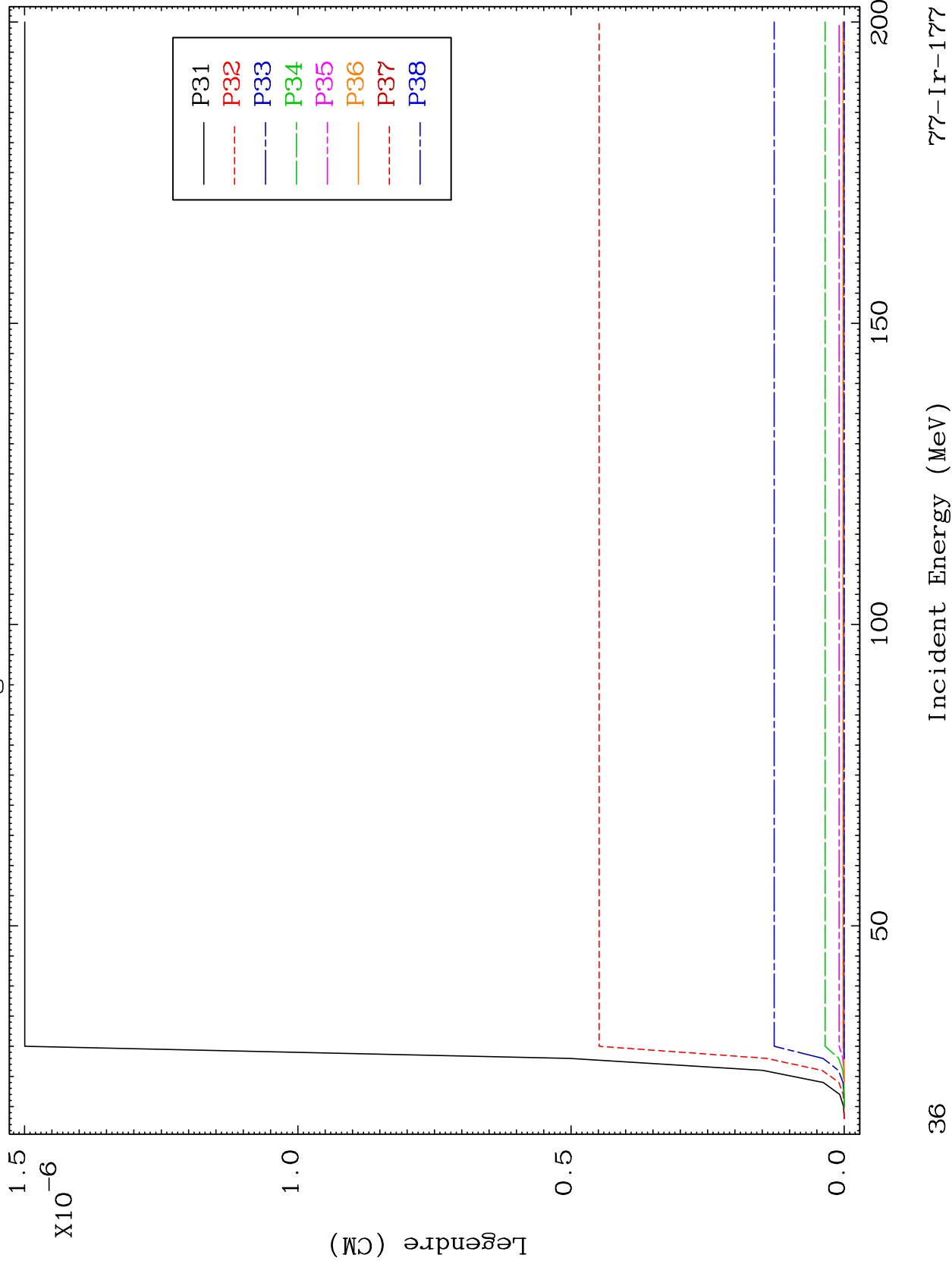
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

77-Ir-177



36

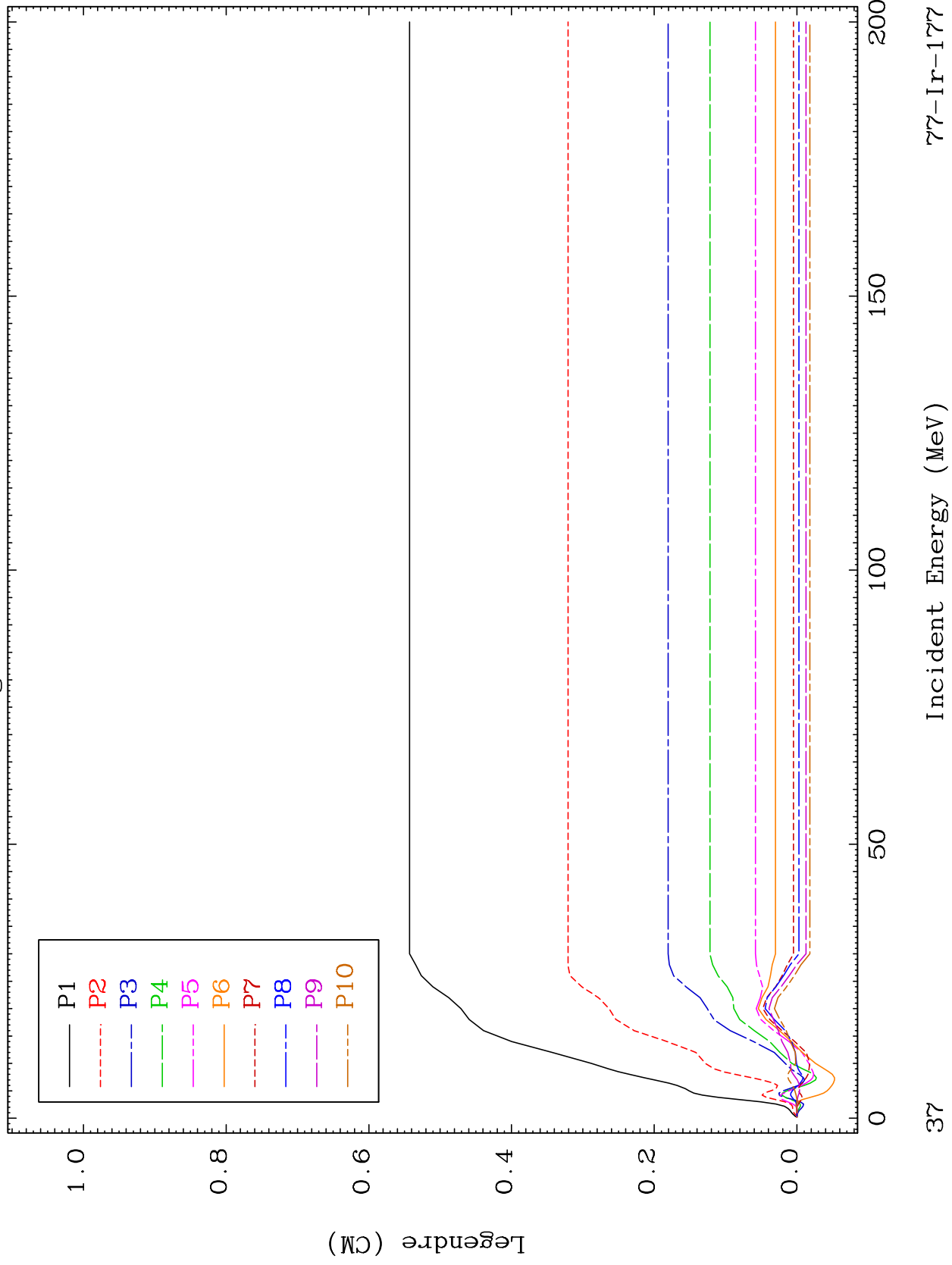
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

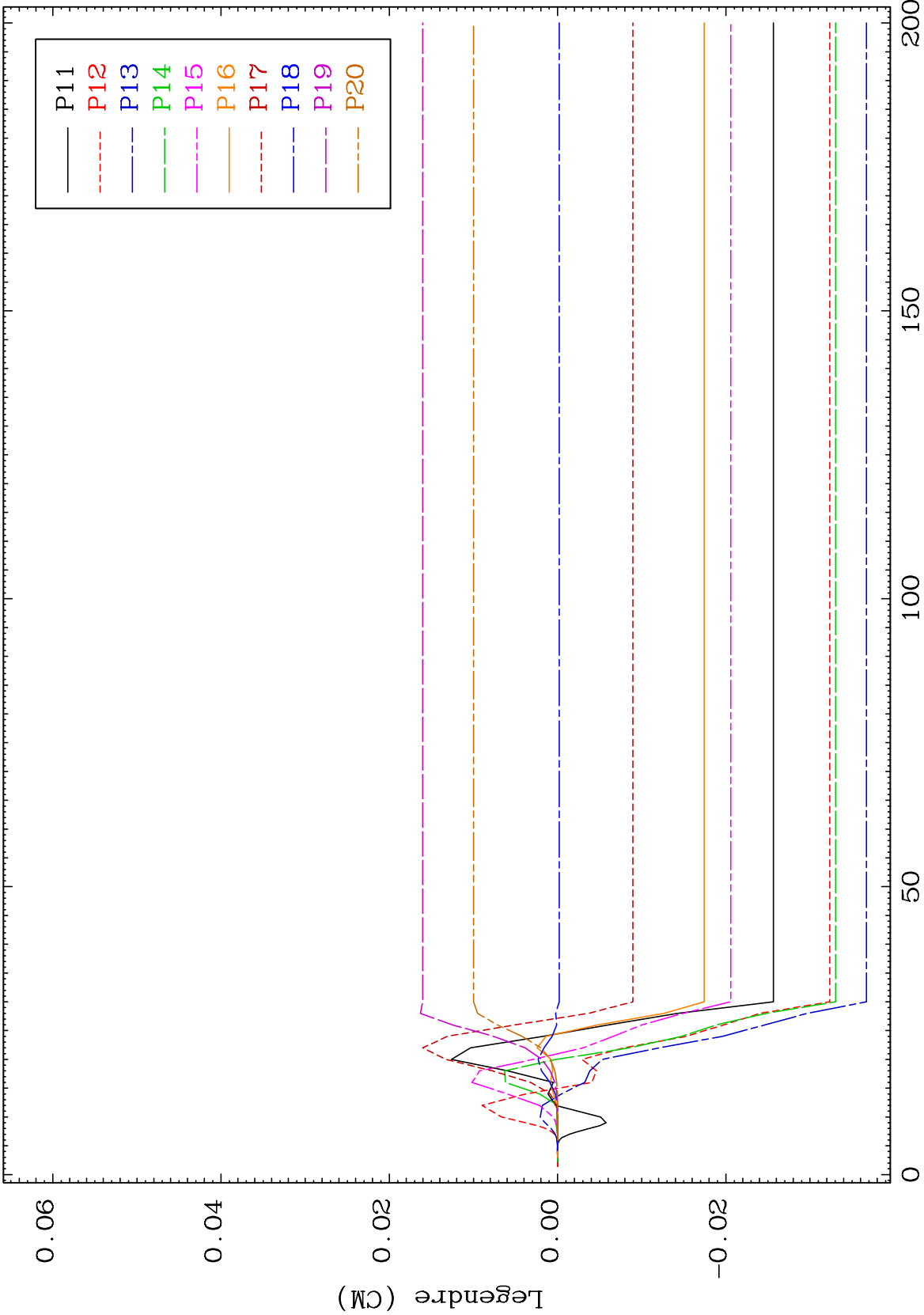
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MAT 7683

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

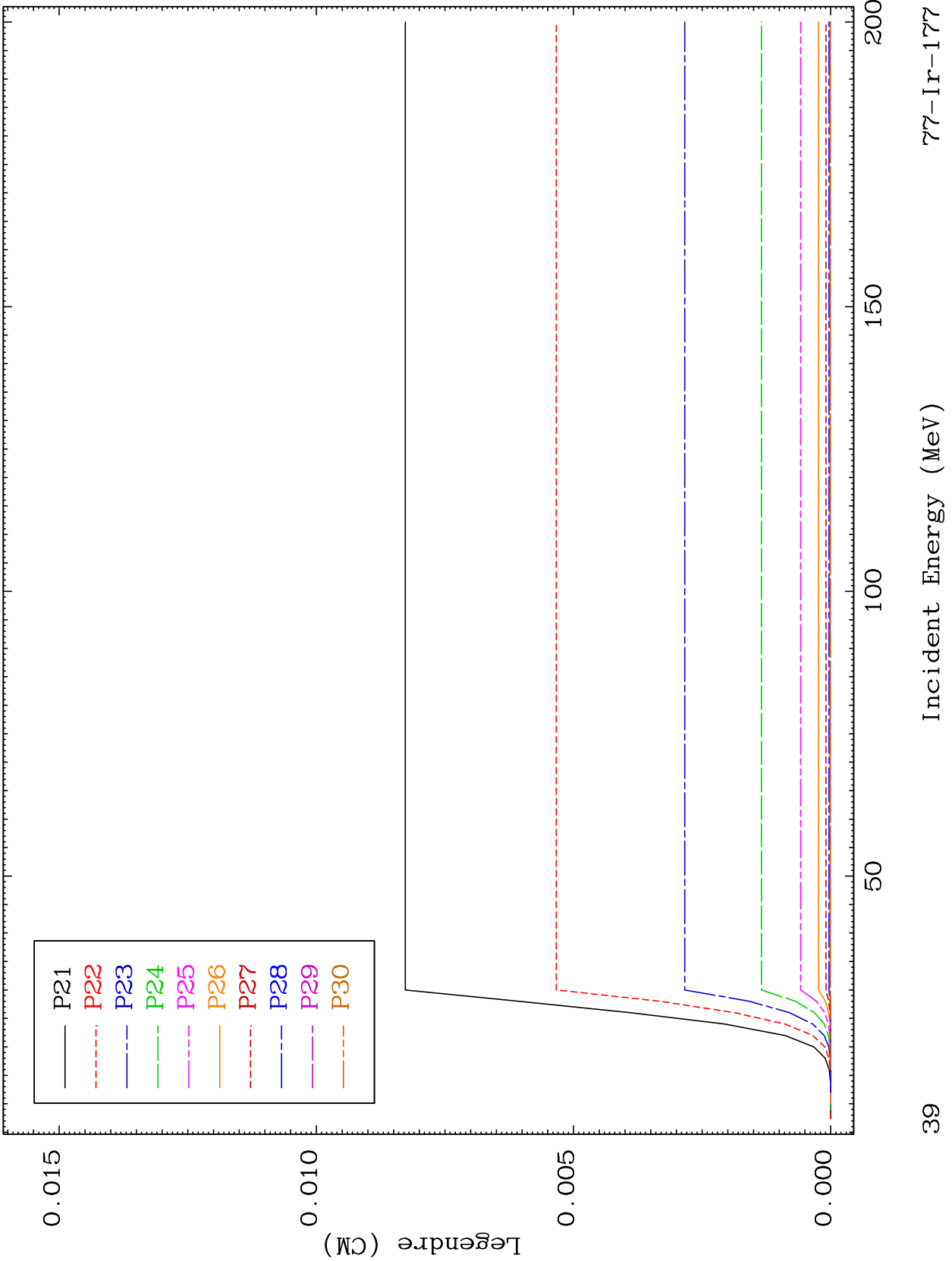
77-Ir-177



38

Incident Energy (MeV)

77-Ir-177

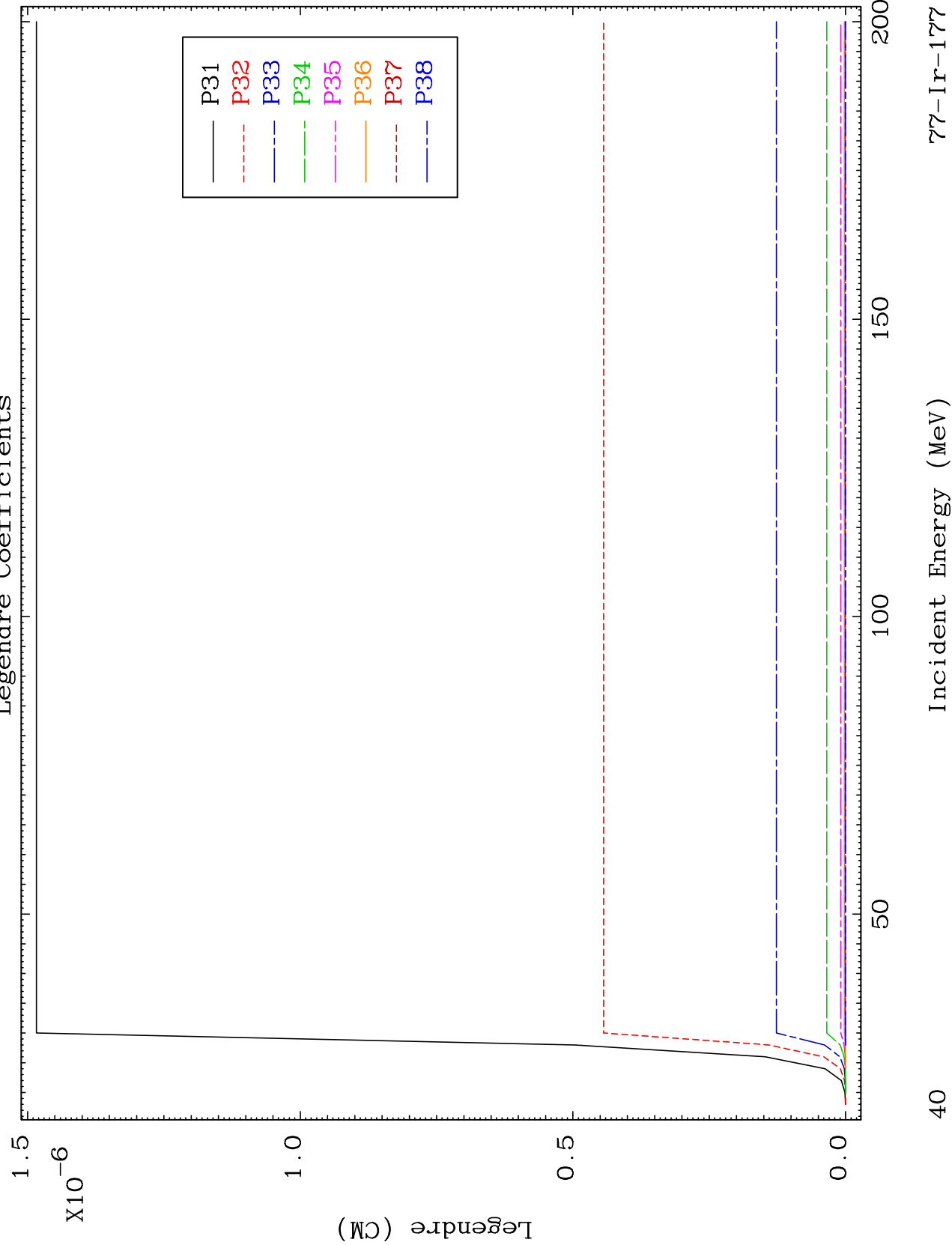


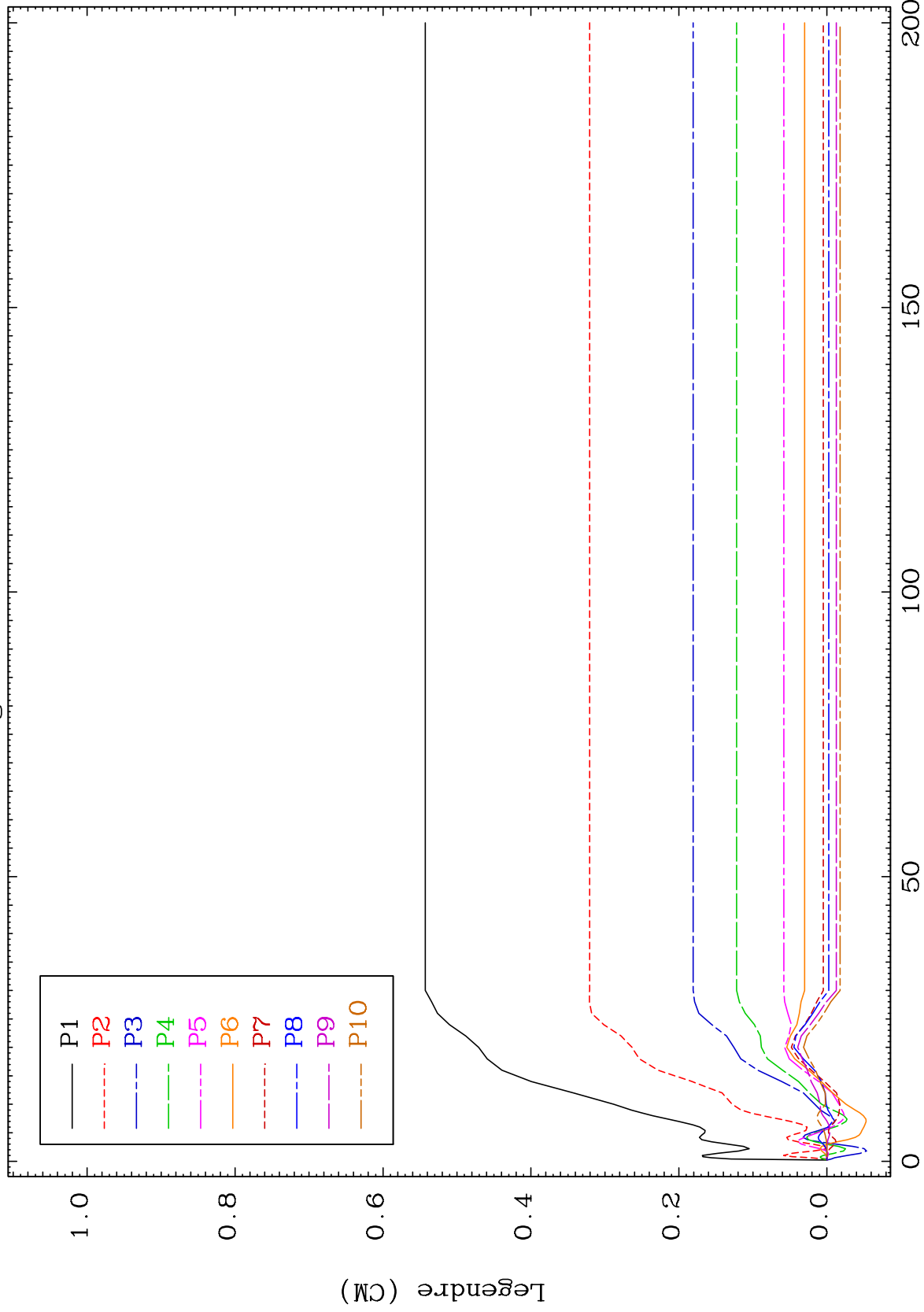


MAT 7683

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

77-Ir-177

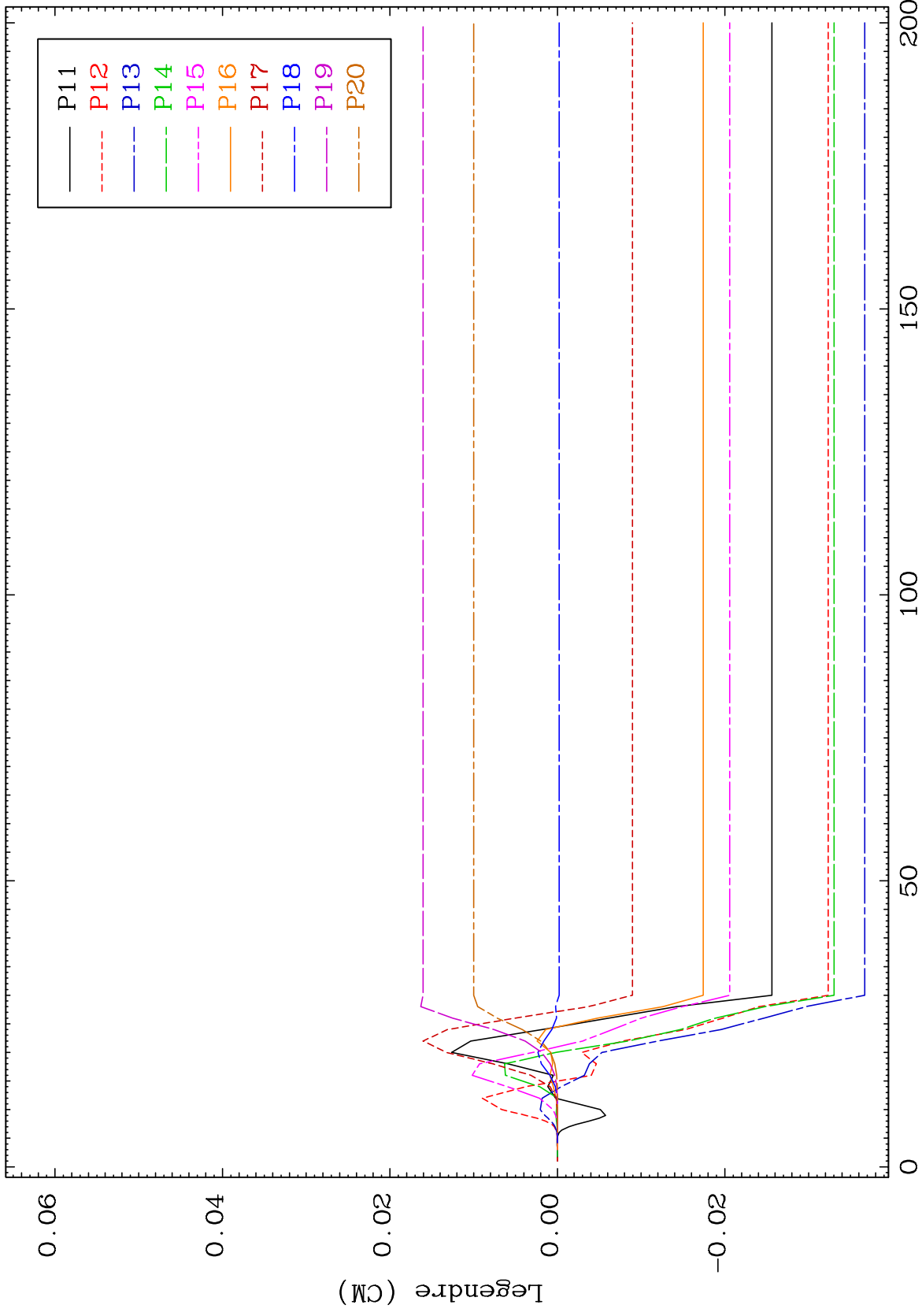




MAT 7683

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

77-Ir-177



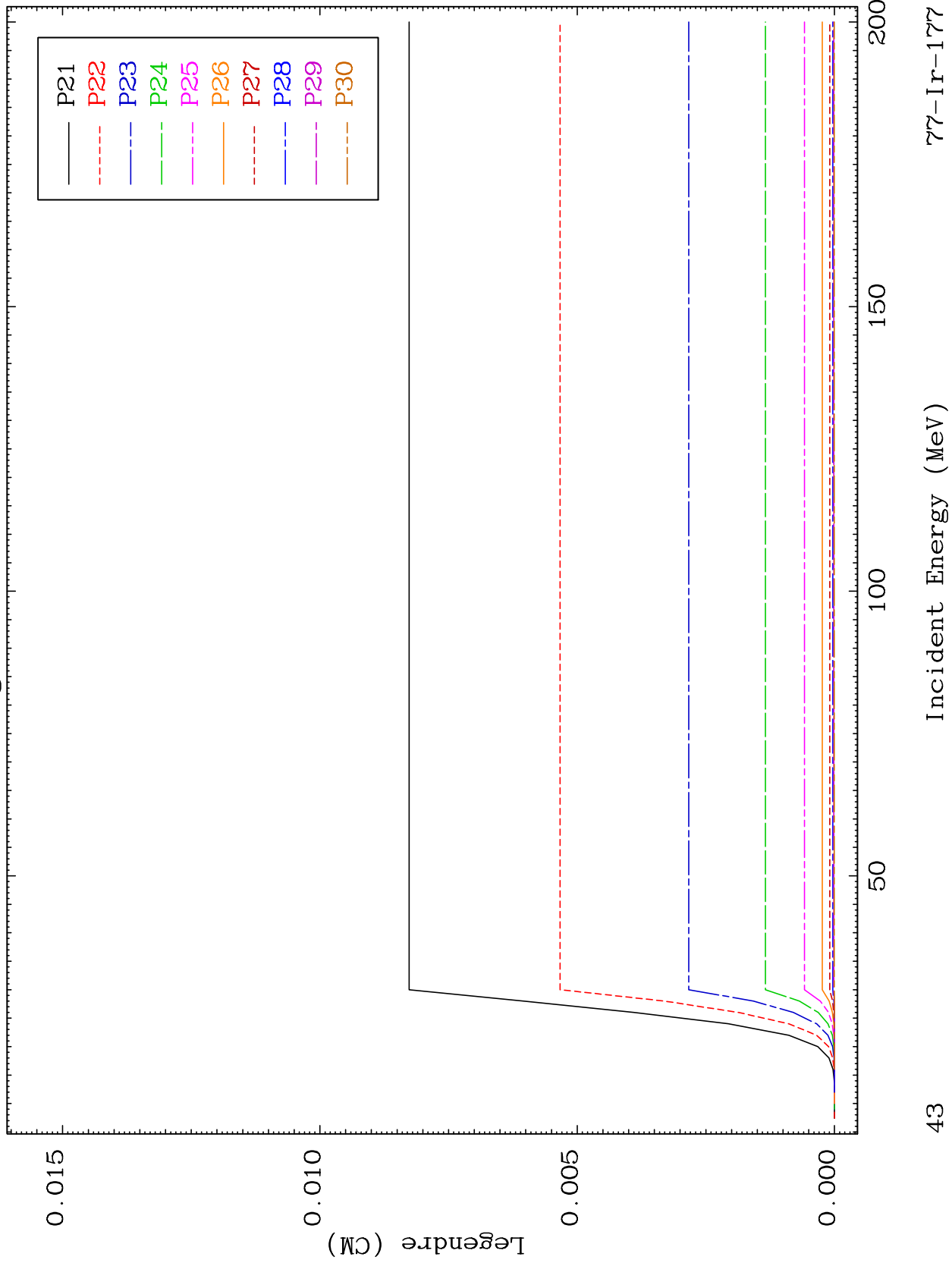
42

77-Ir-177

MAT 7683

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

77-Ir-177



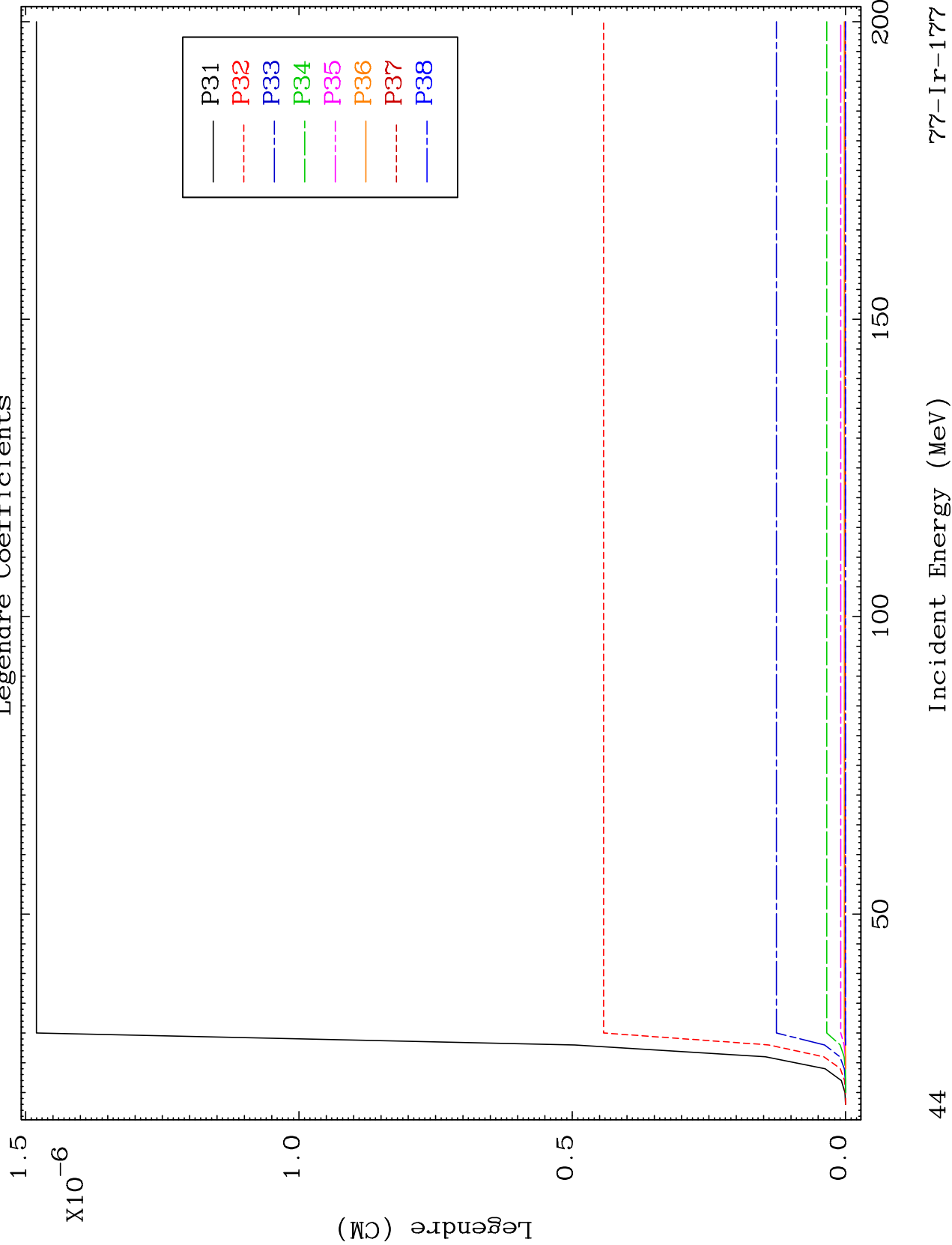
43

77-Ir-177

MAT 7683

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

77-Ir-177



44

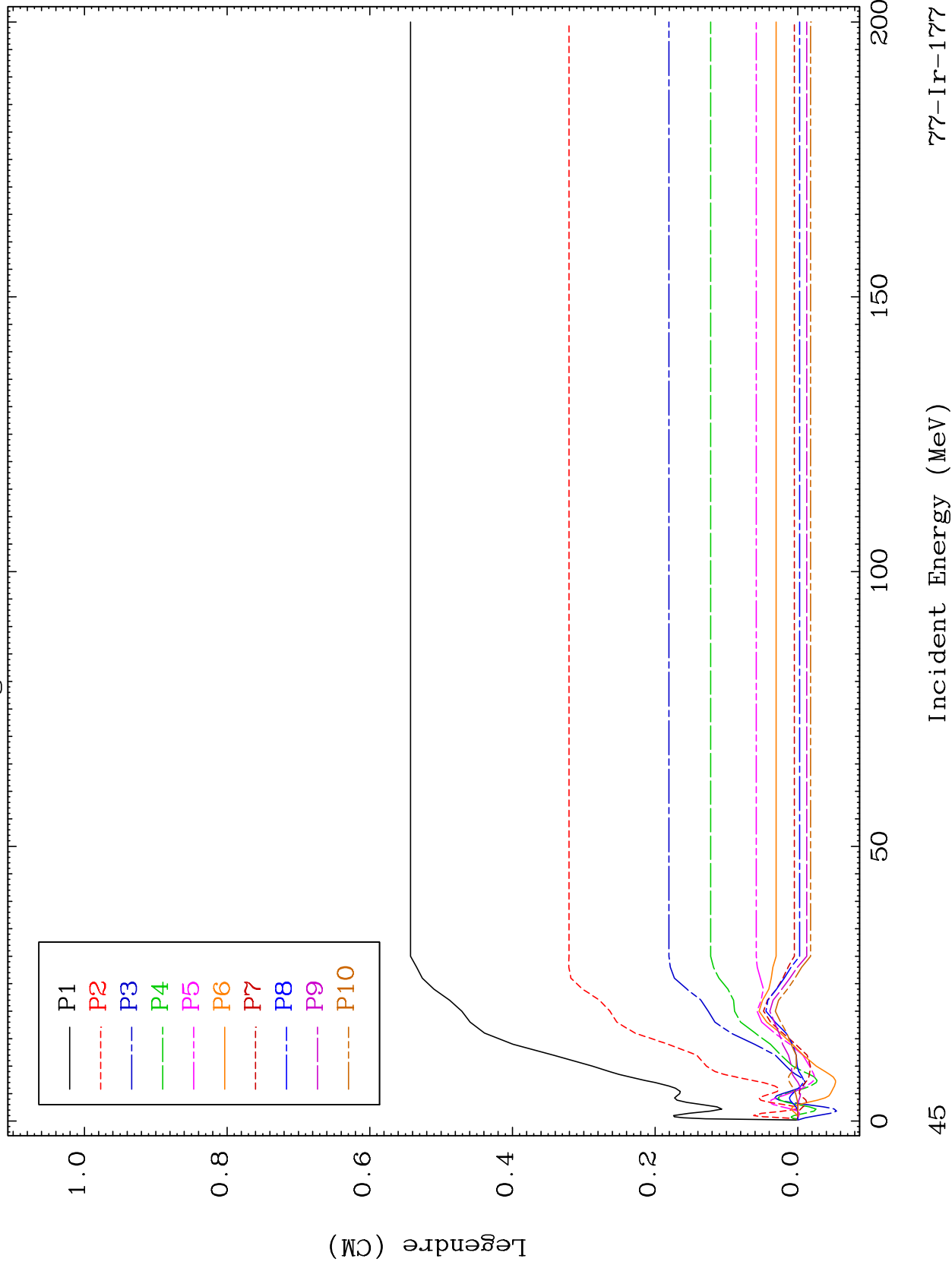
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

77-Ir-177



77-Ir-177

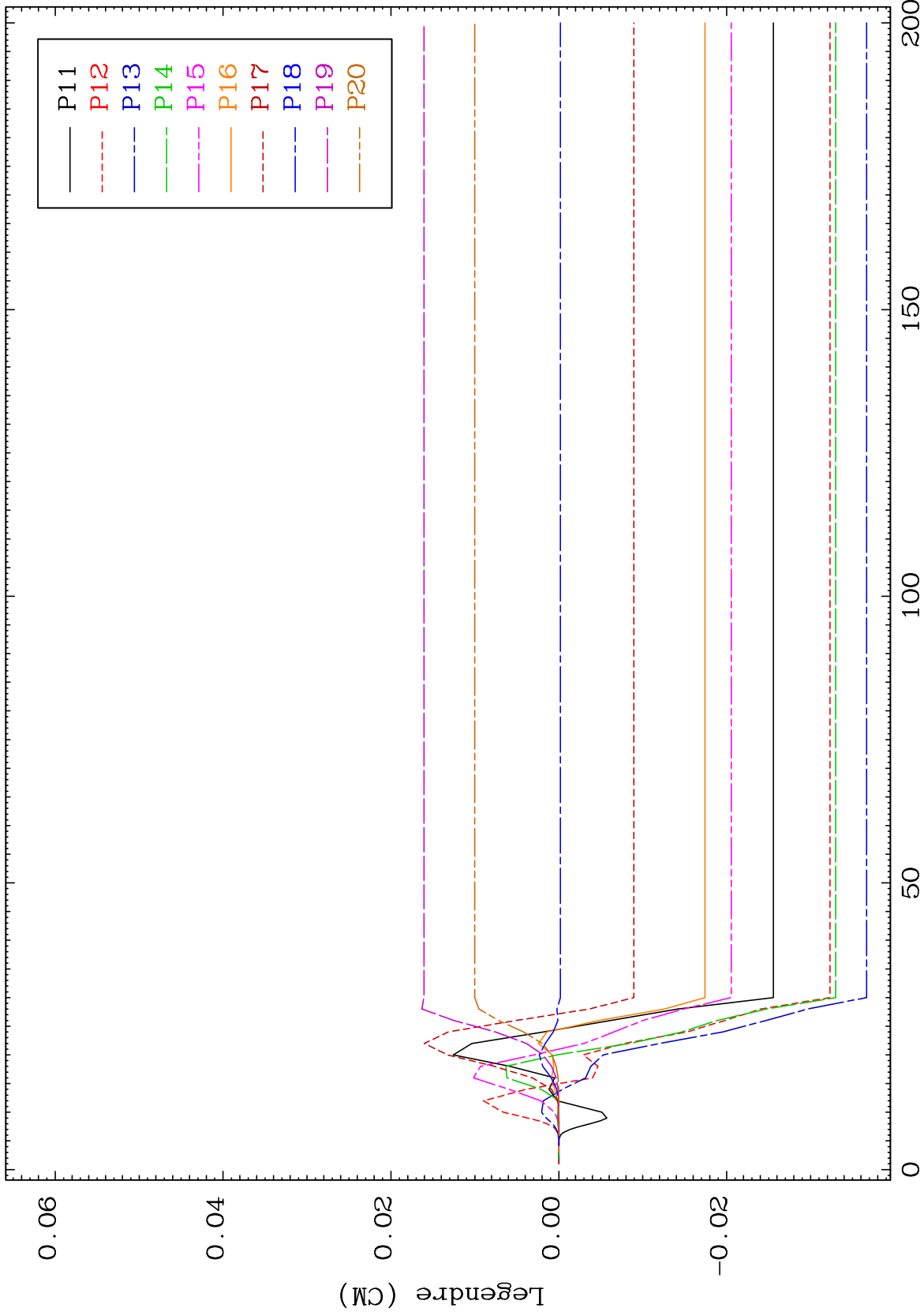
Incident Energy (MeV)

45

MAT 7683

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

77-Ir-177



46

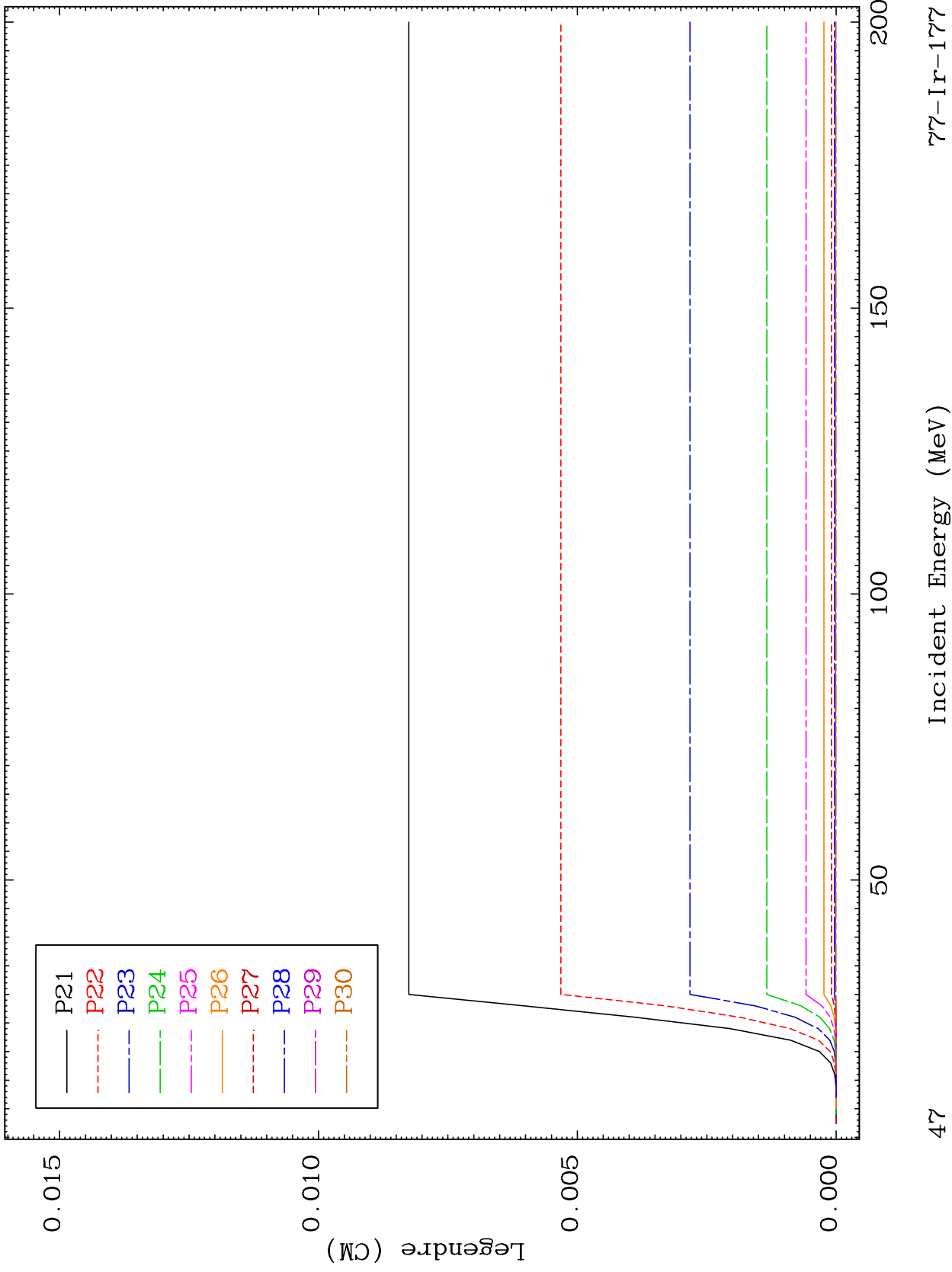
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

77-Ir-177



47

Incident Energy (MeV)

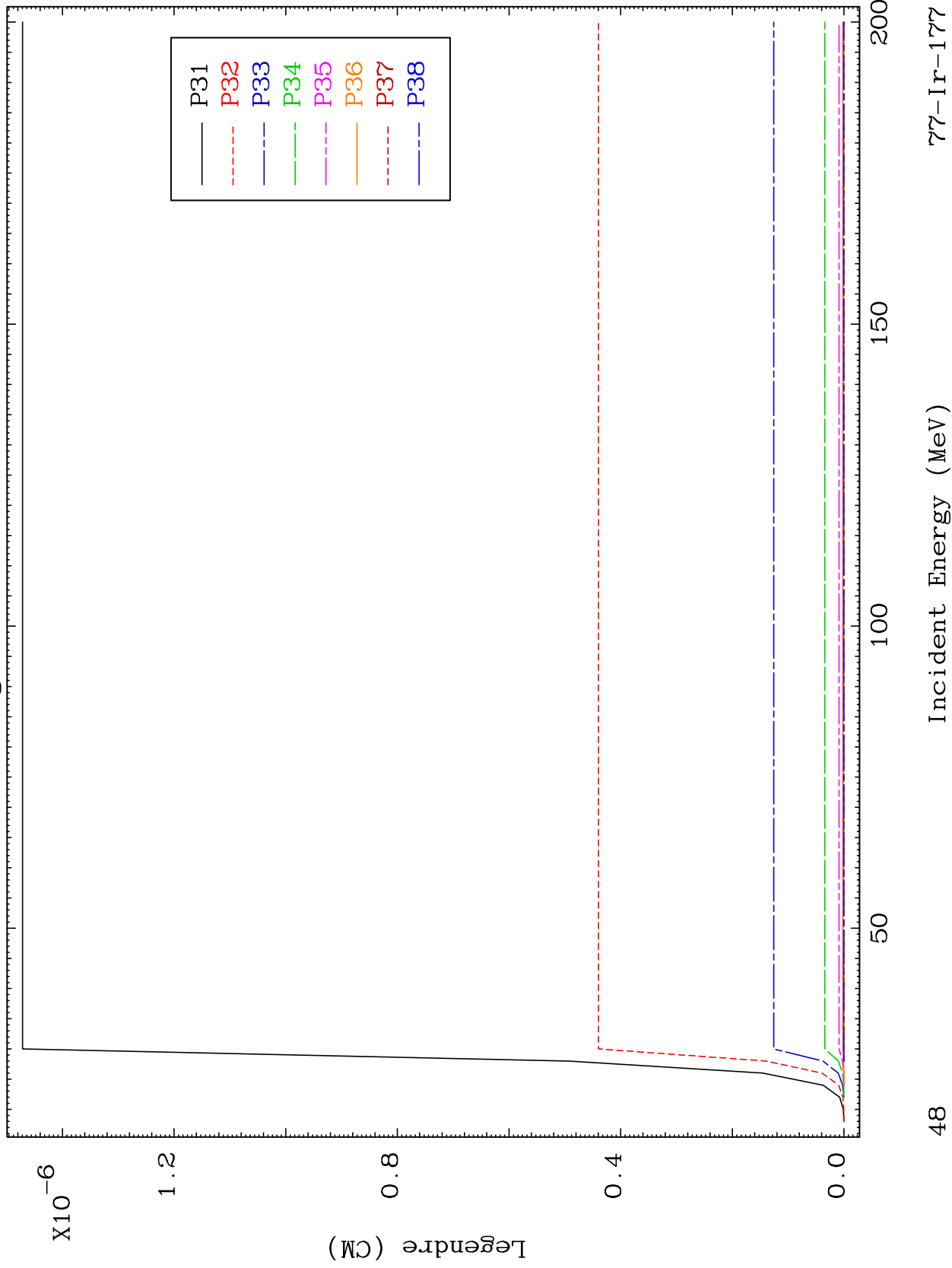
77-Ir-177



MAT 7683

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

77-Ir-177



48

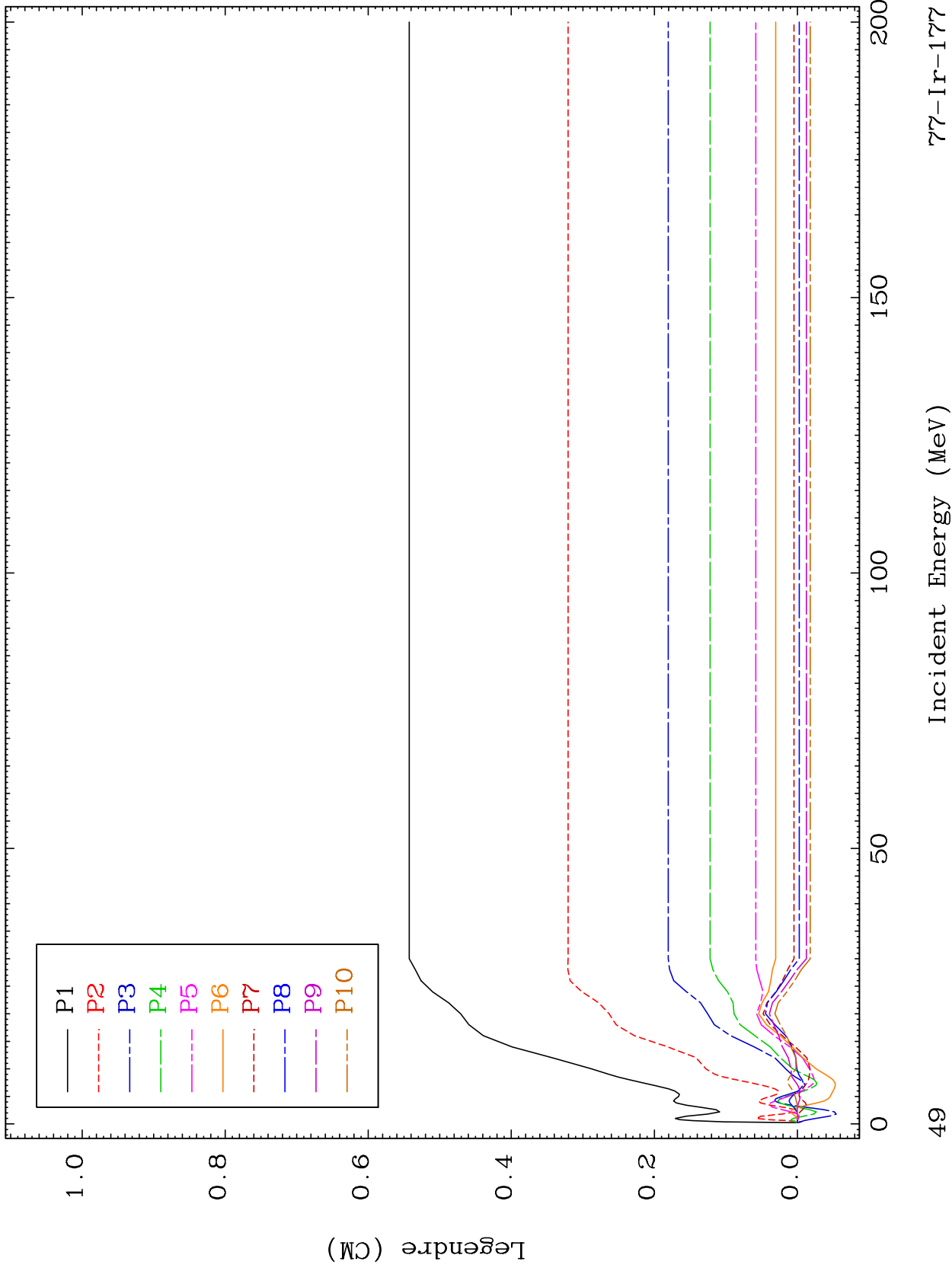
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

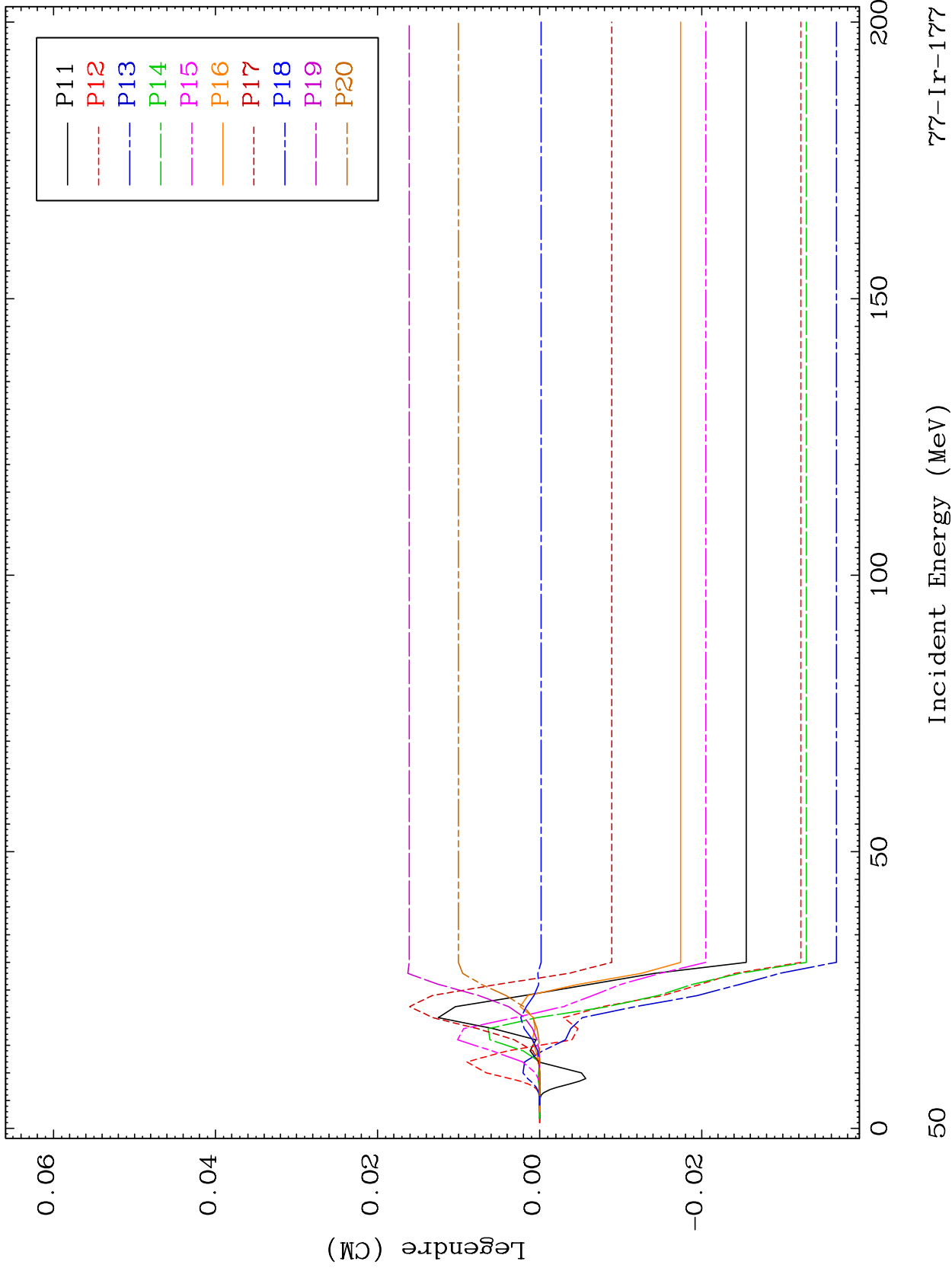
77-Ir-177



MAT 7683

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

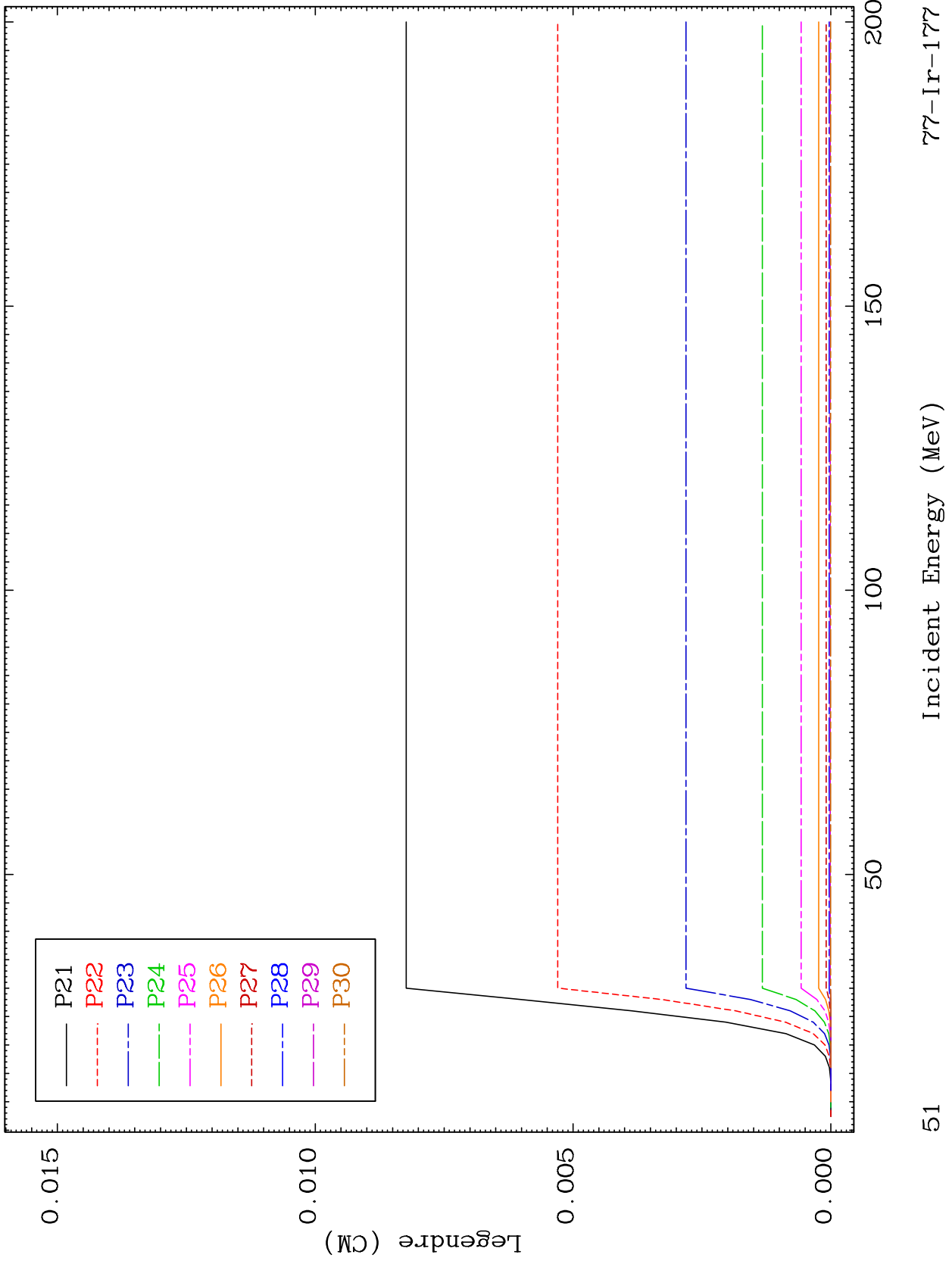
77-Ir-177



77-Ir-177

Incident Energy (MeV)

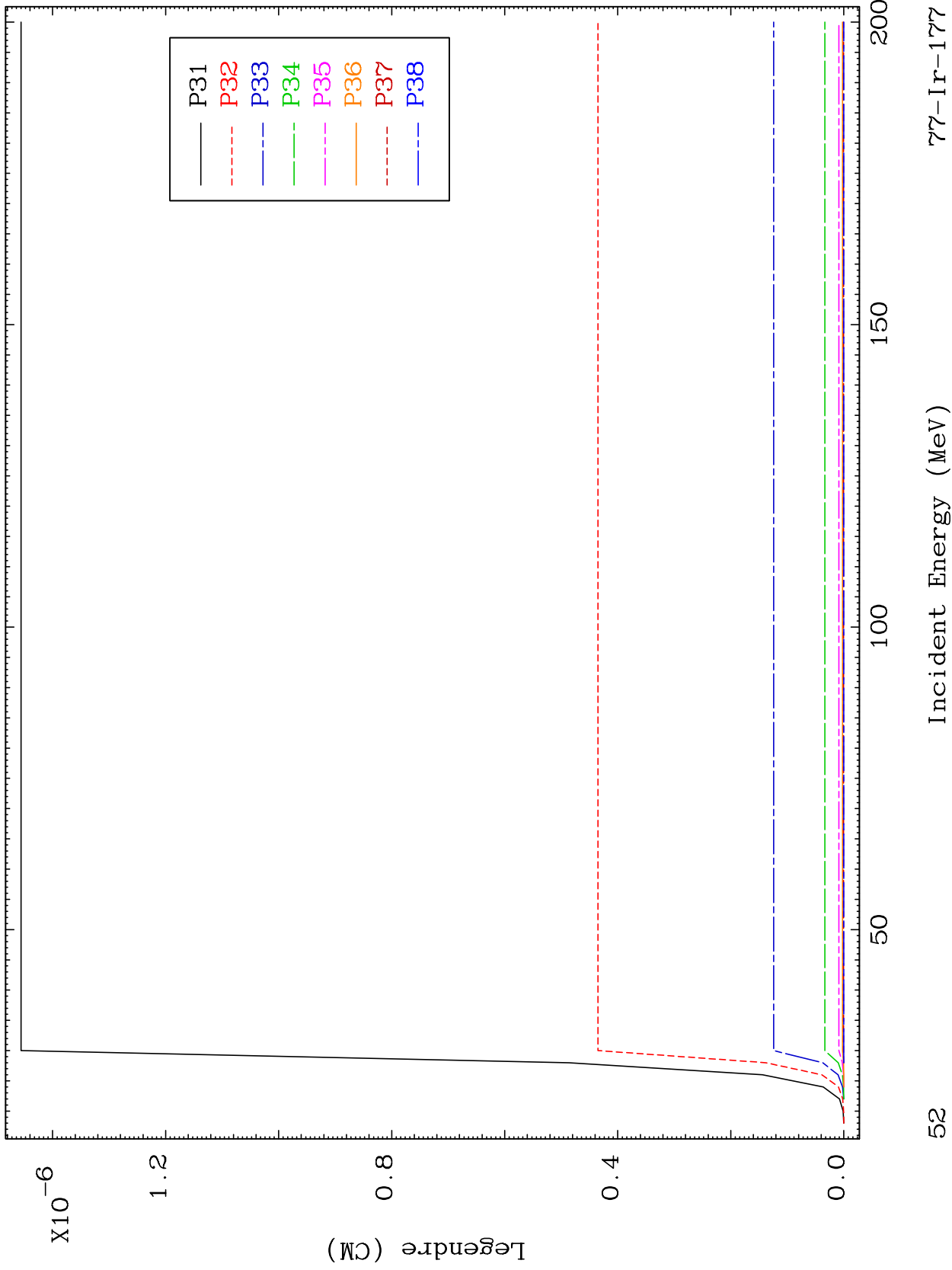
50



MAT 7683

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

77-Ir-177



52

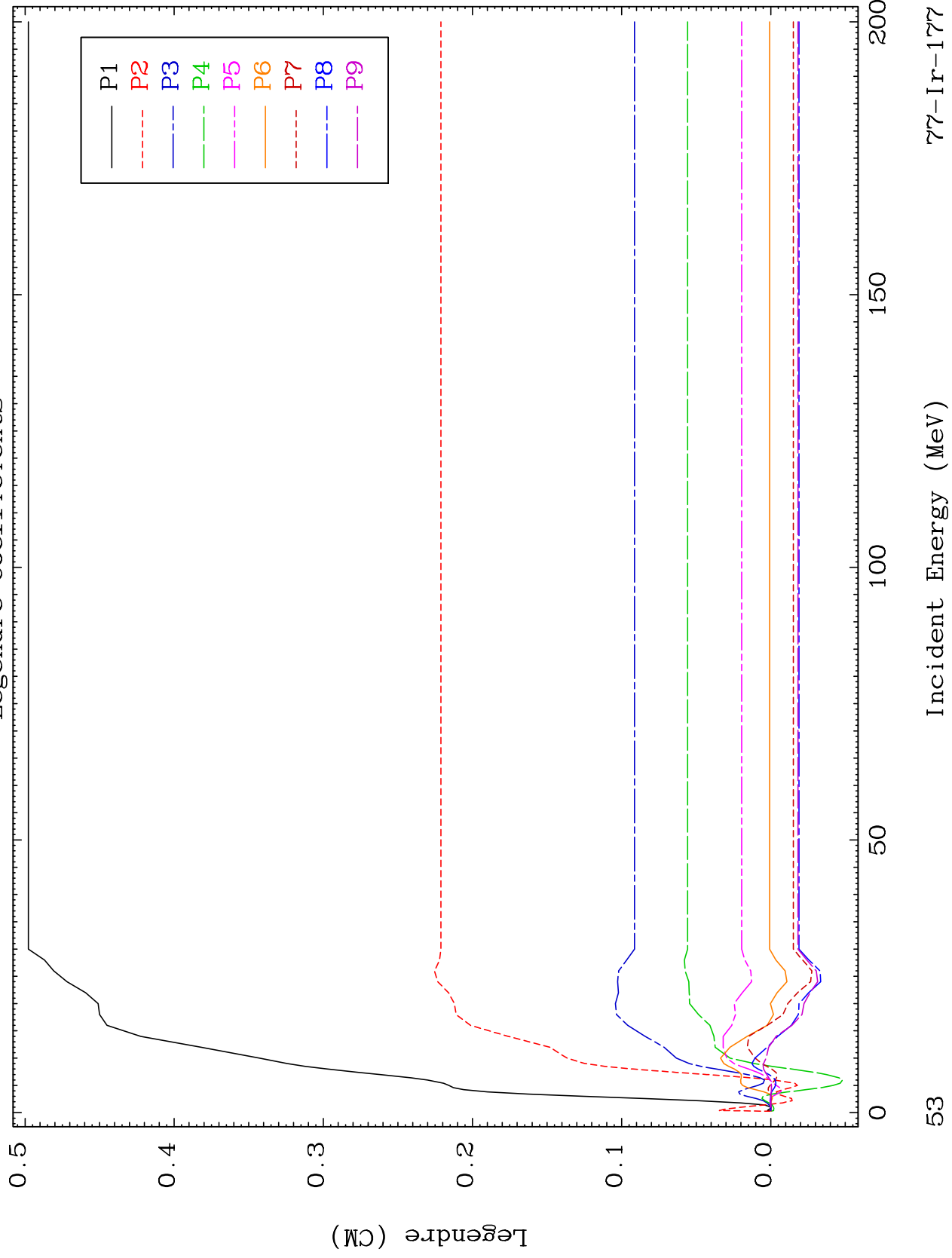
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

77-Ir-177



77-Ir-177

Incident Energy (MeV)

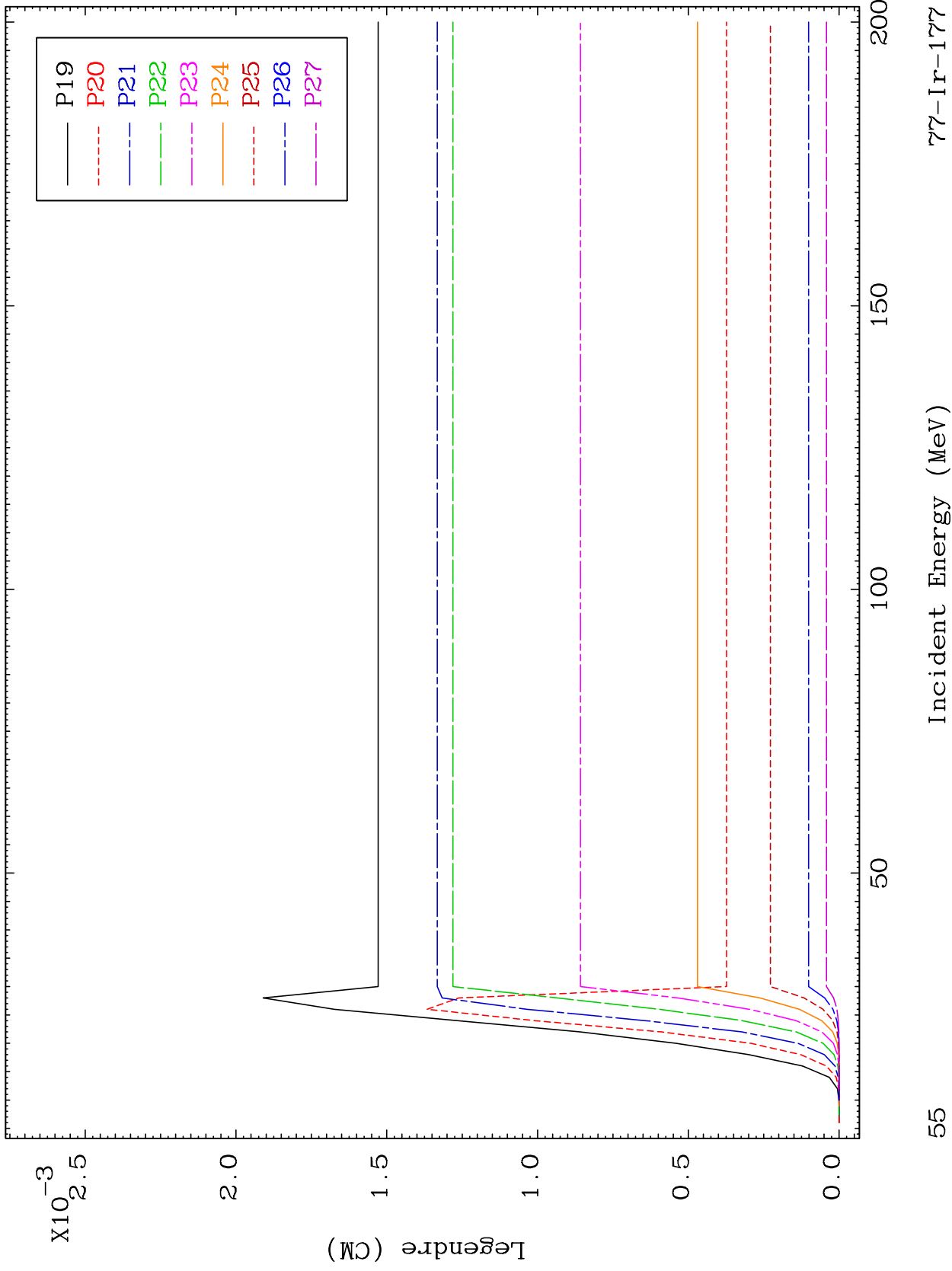
53



MAT 7683

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

77-Ir-177



55

Incident Energy (MeV)

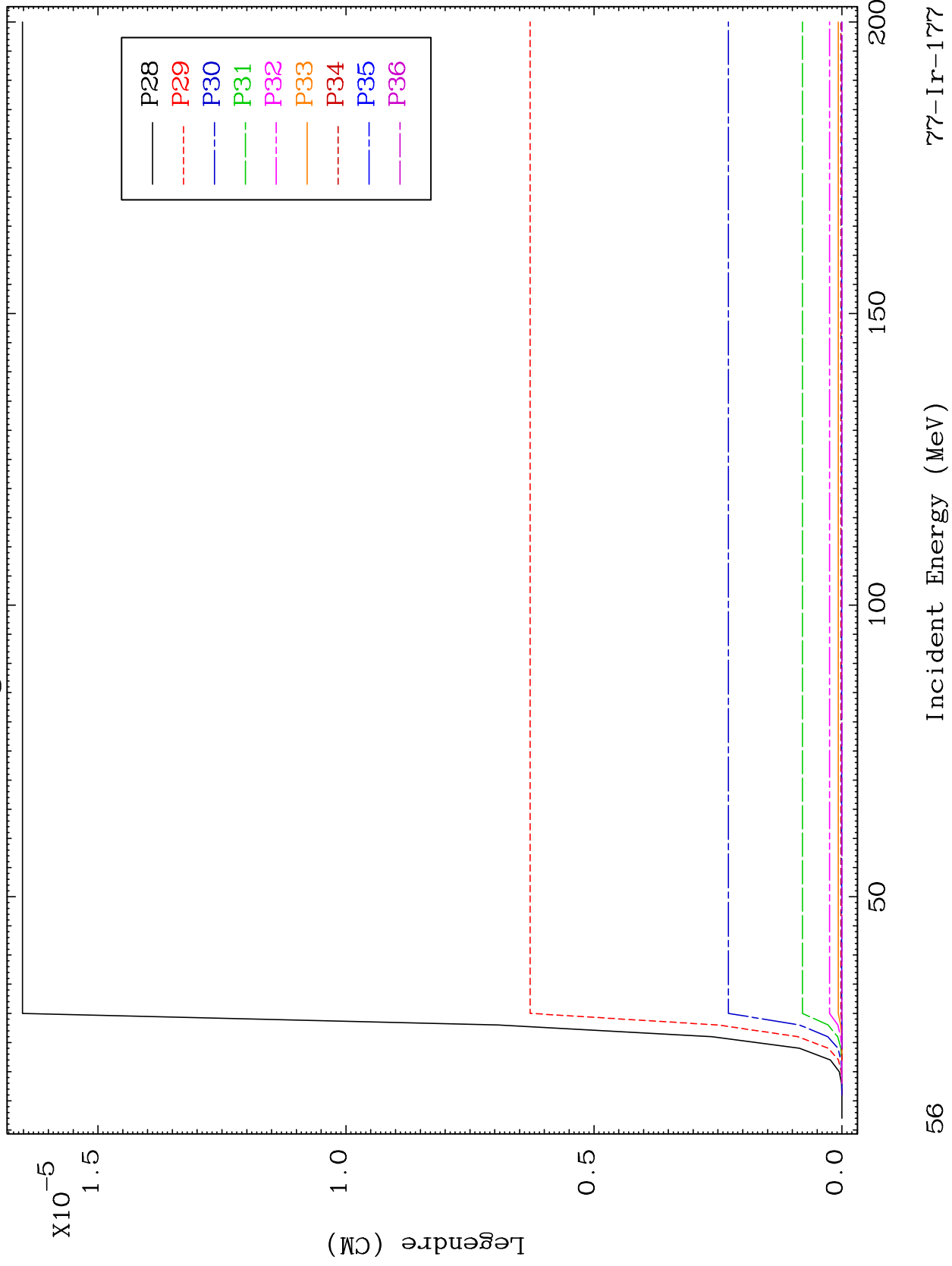
77-Ir-177



MAT 7683

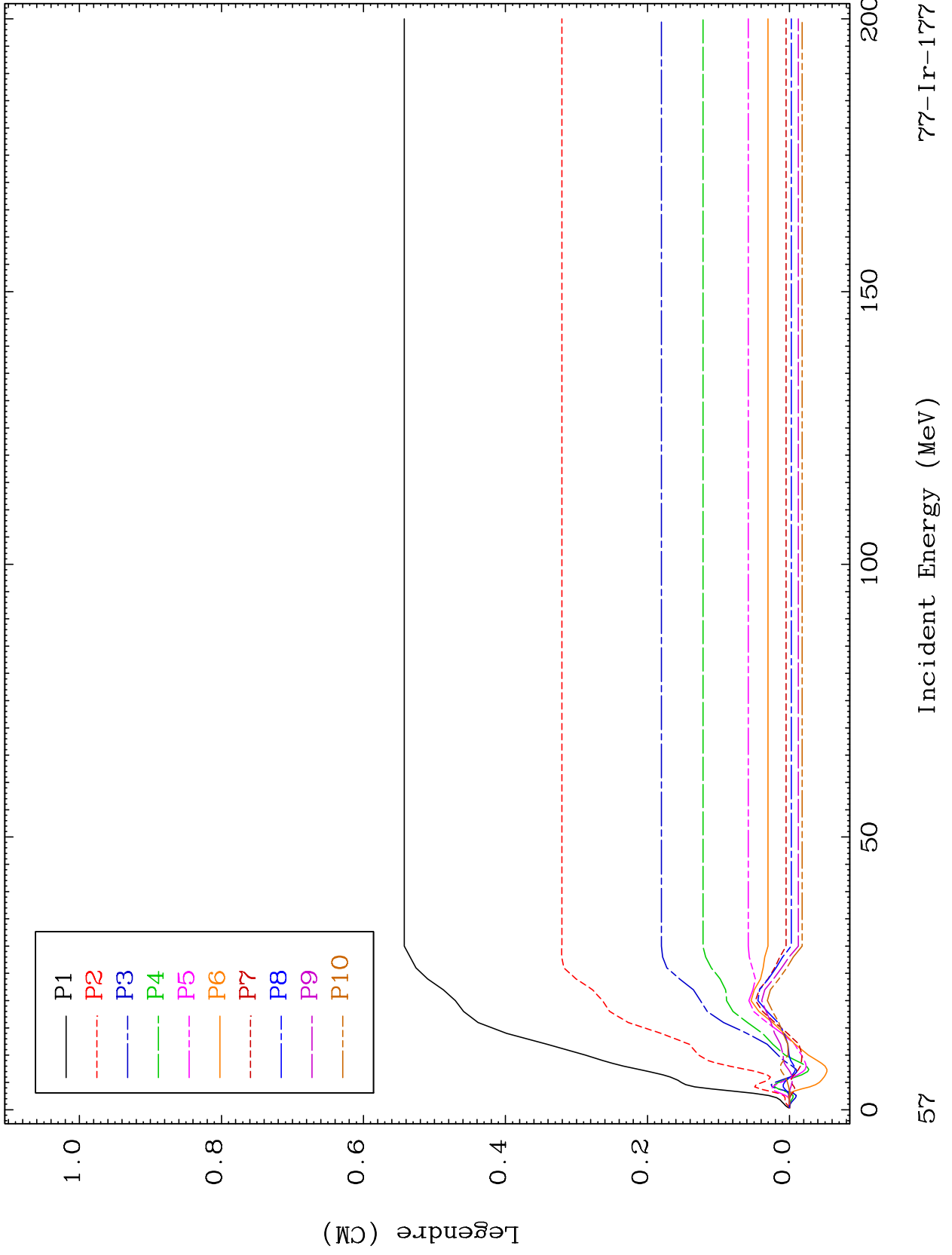
MT= 59 (n,n') Level  
Legendre Coefficients

77-Ir-177



56

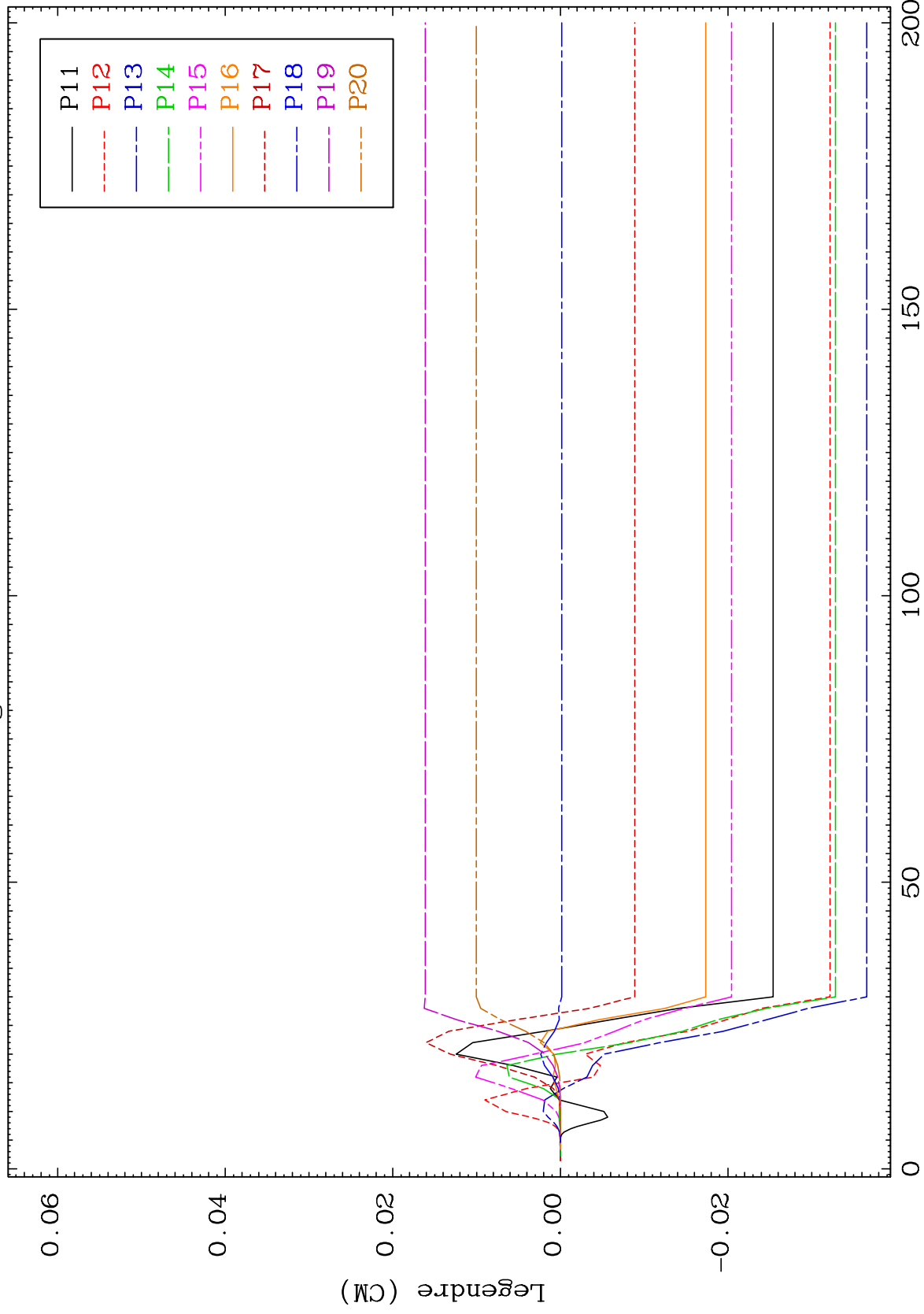
77-Ir-177



MAT 7683

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

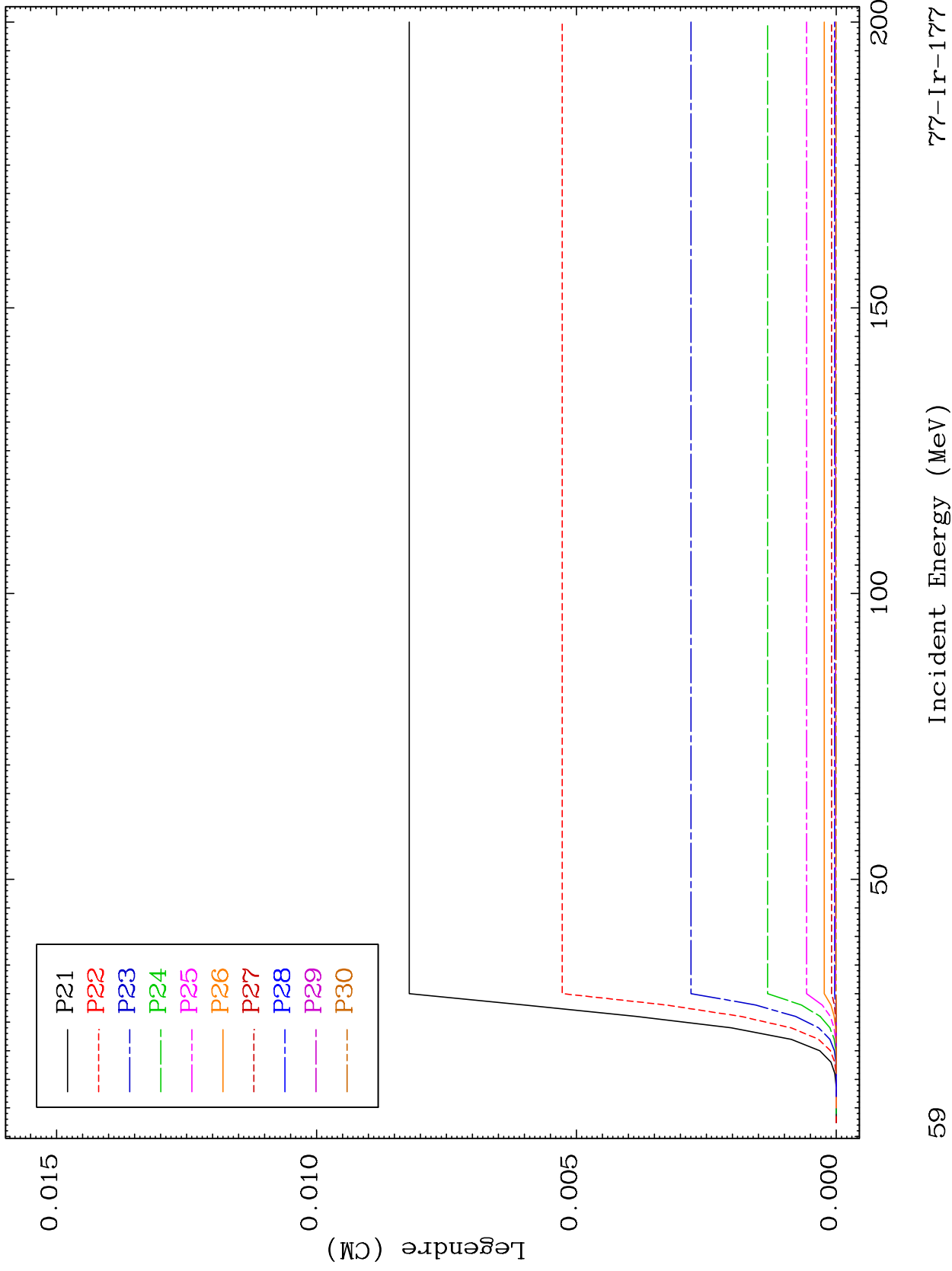
77-Ir-177



58

Incident Energy (MeV)

77-Ir-177

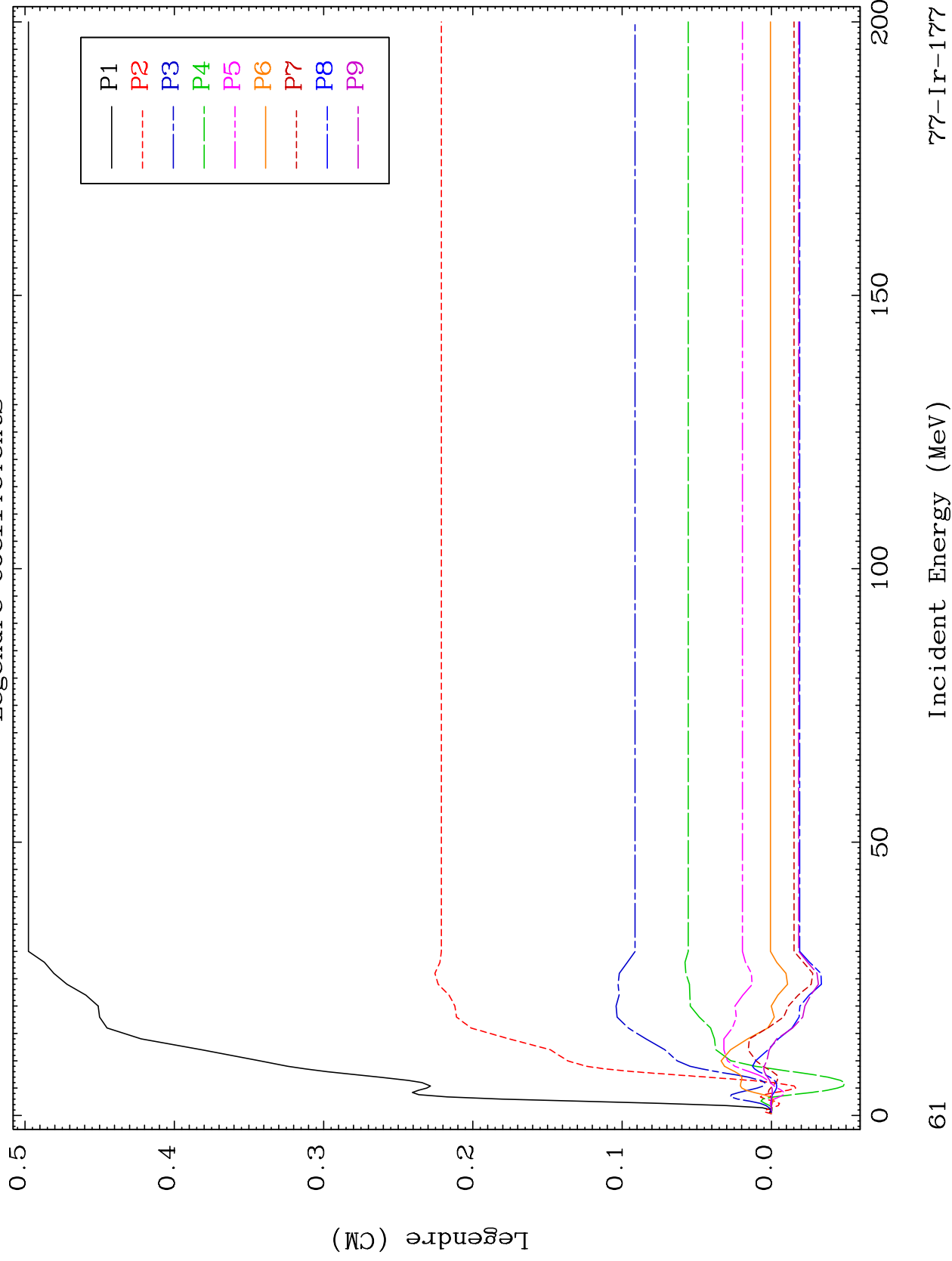




MAT 7683

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

77-Ir-177



77-Ir-177

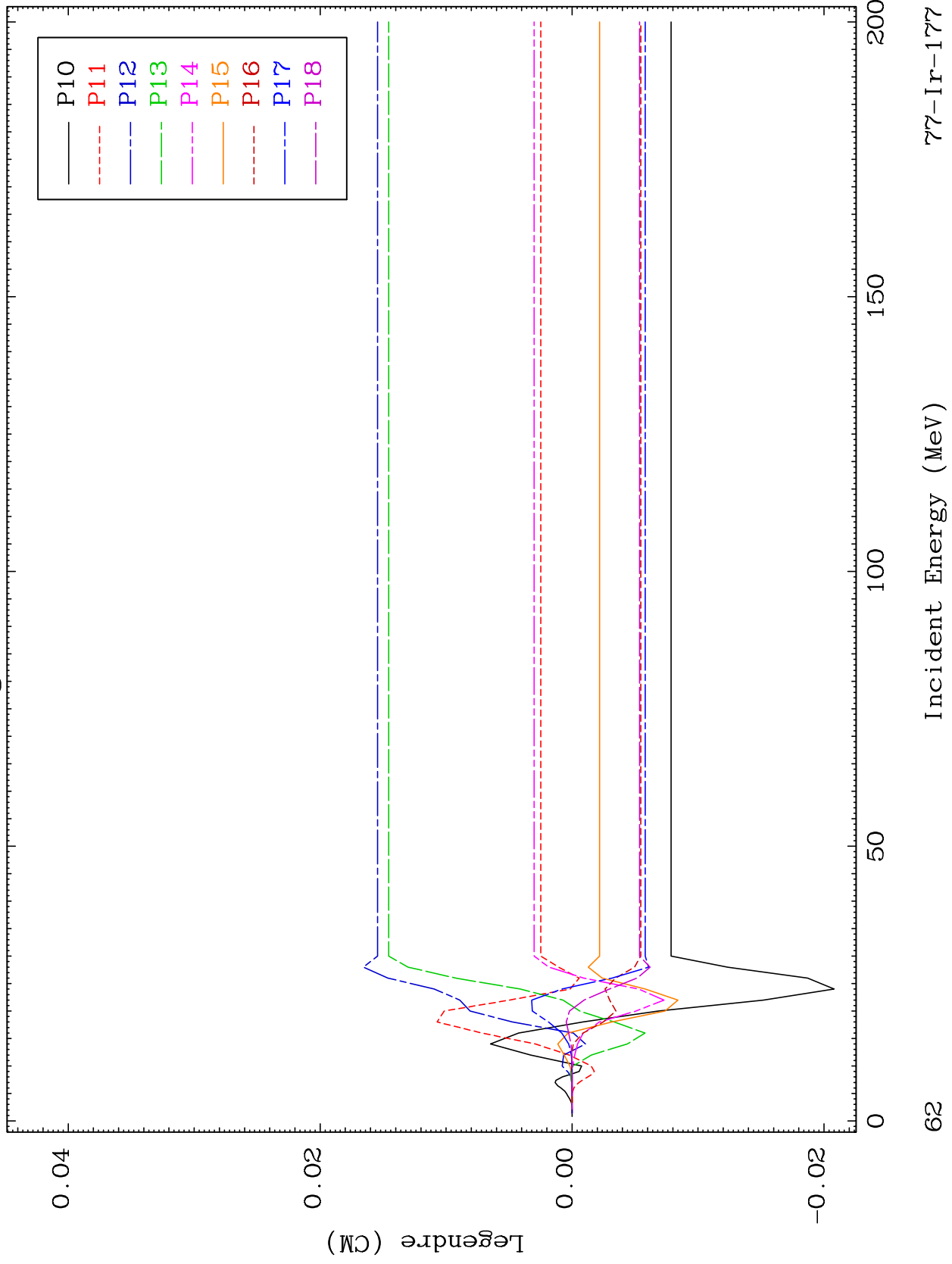
Incident Energy (MeV)

61

MAT 7683

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

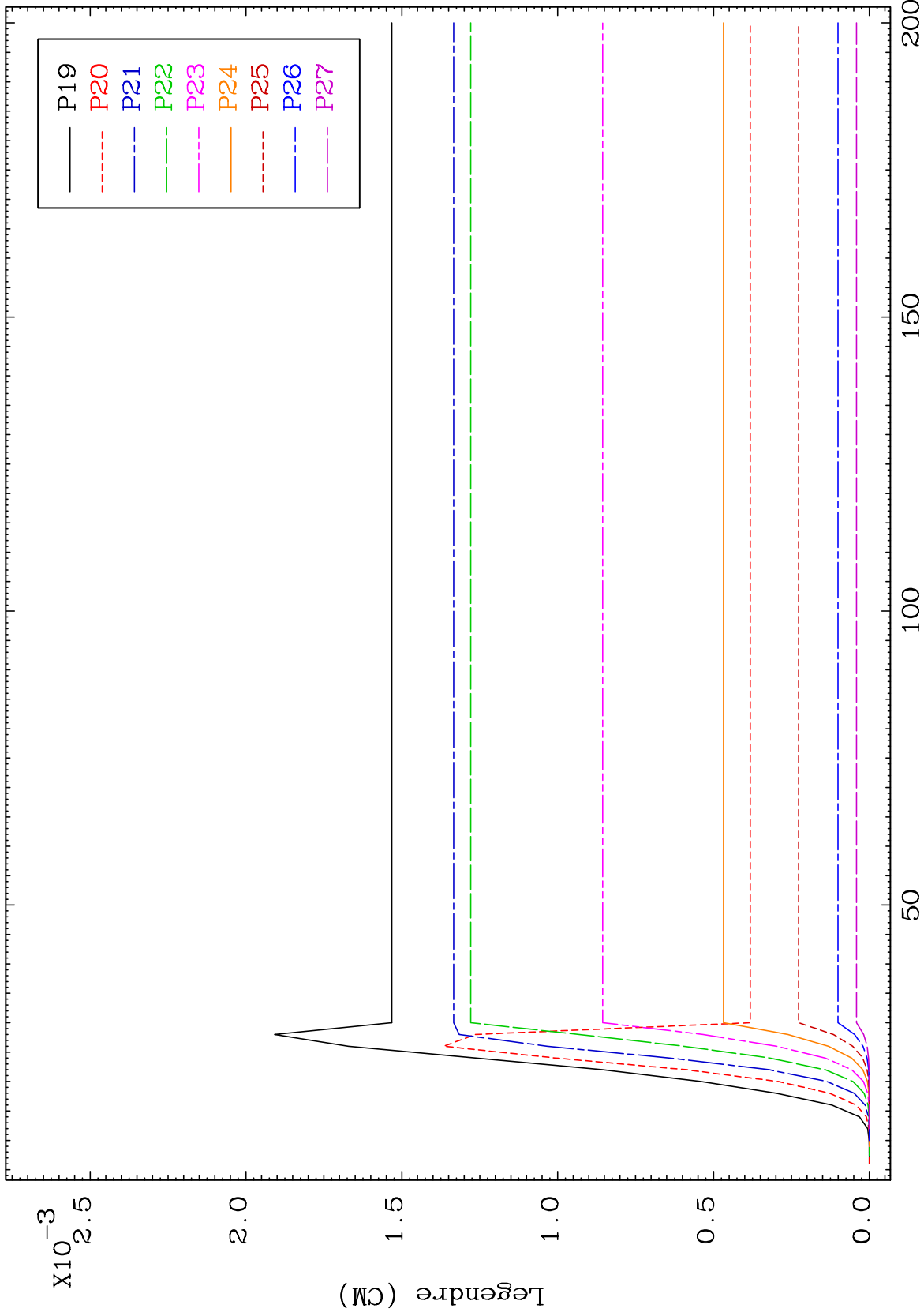
77-Ir-177



77-Ir-177

Incident Energy (MeV)

62

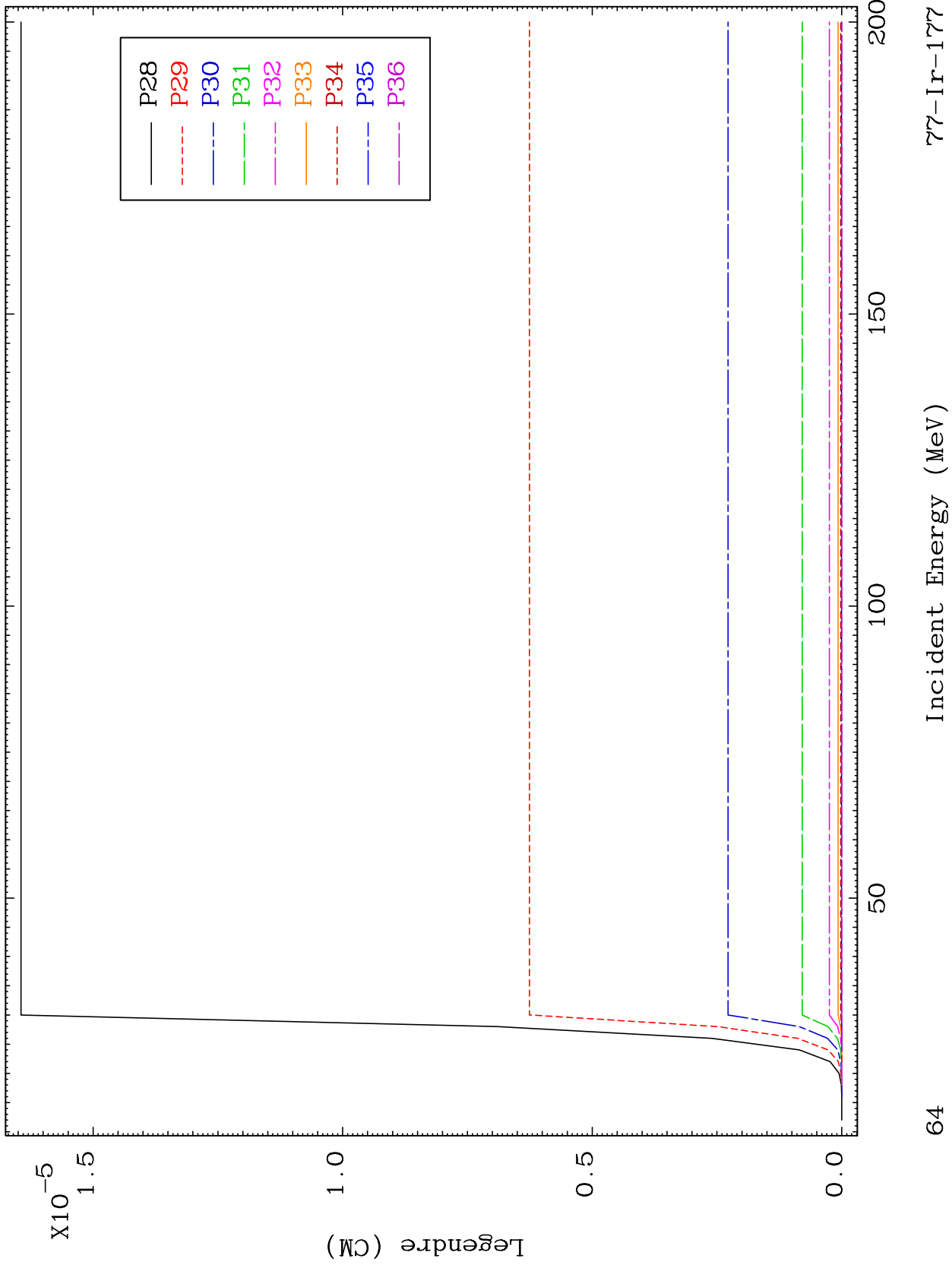




MAT 7683

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

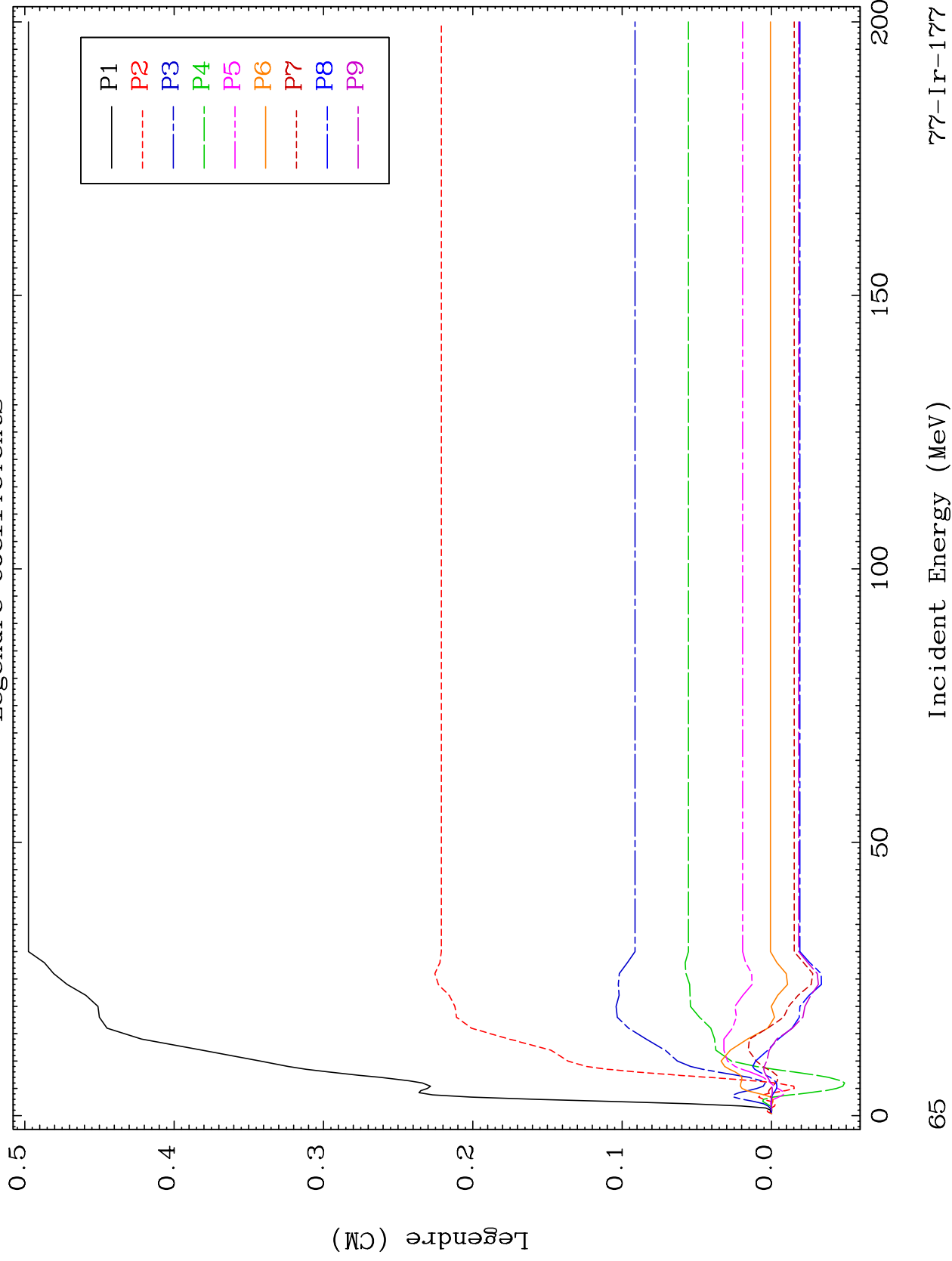
77-Ir-177



MAT 7683

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

77-Ir-177



77-Ir-177

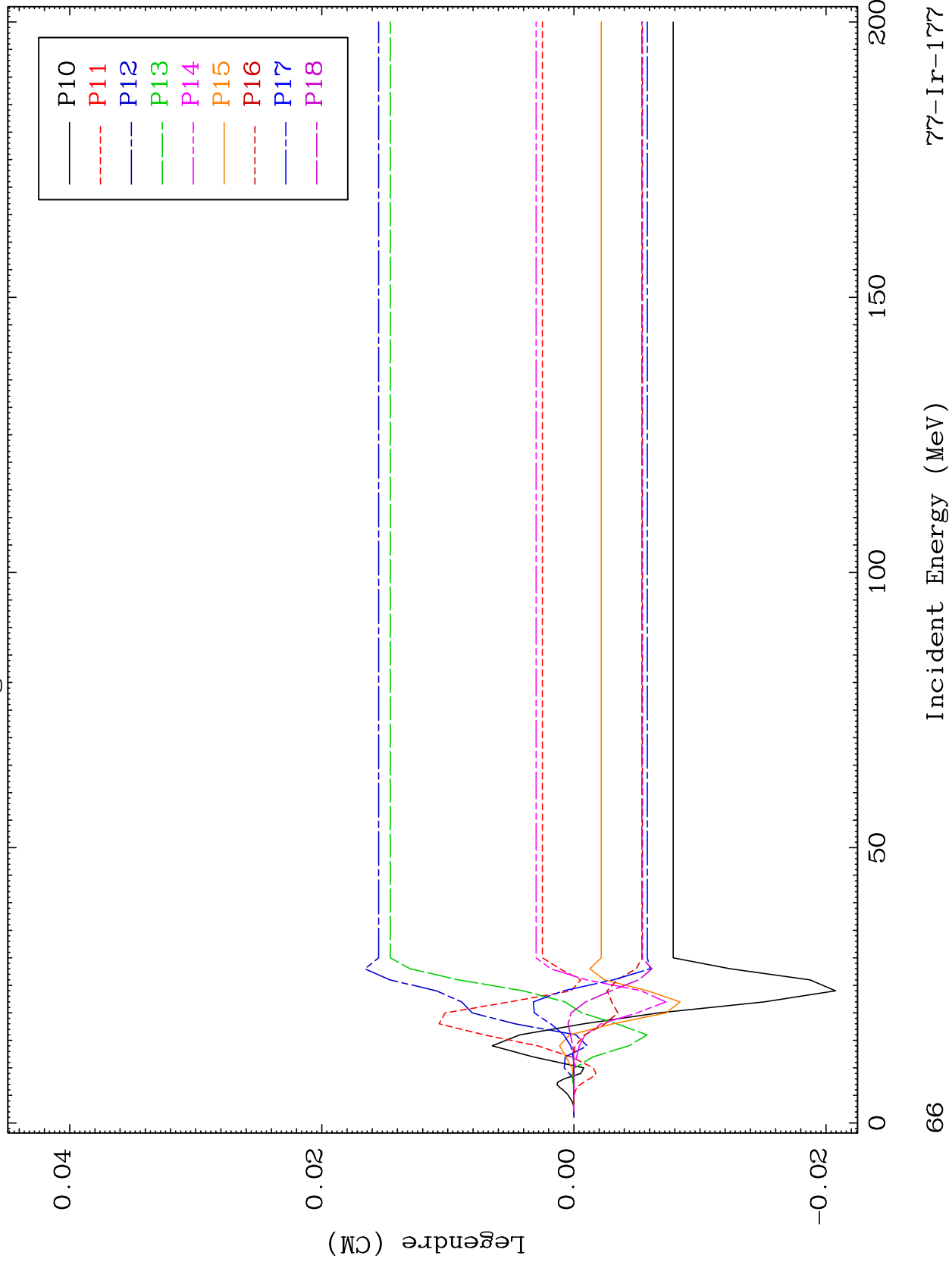
Incident Energy (MeV)

65

MAT 7683

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

77-Ir-177



77-Ir-177

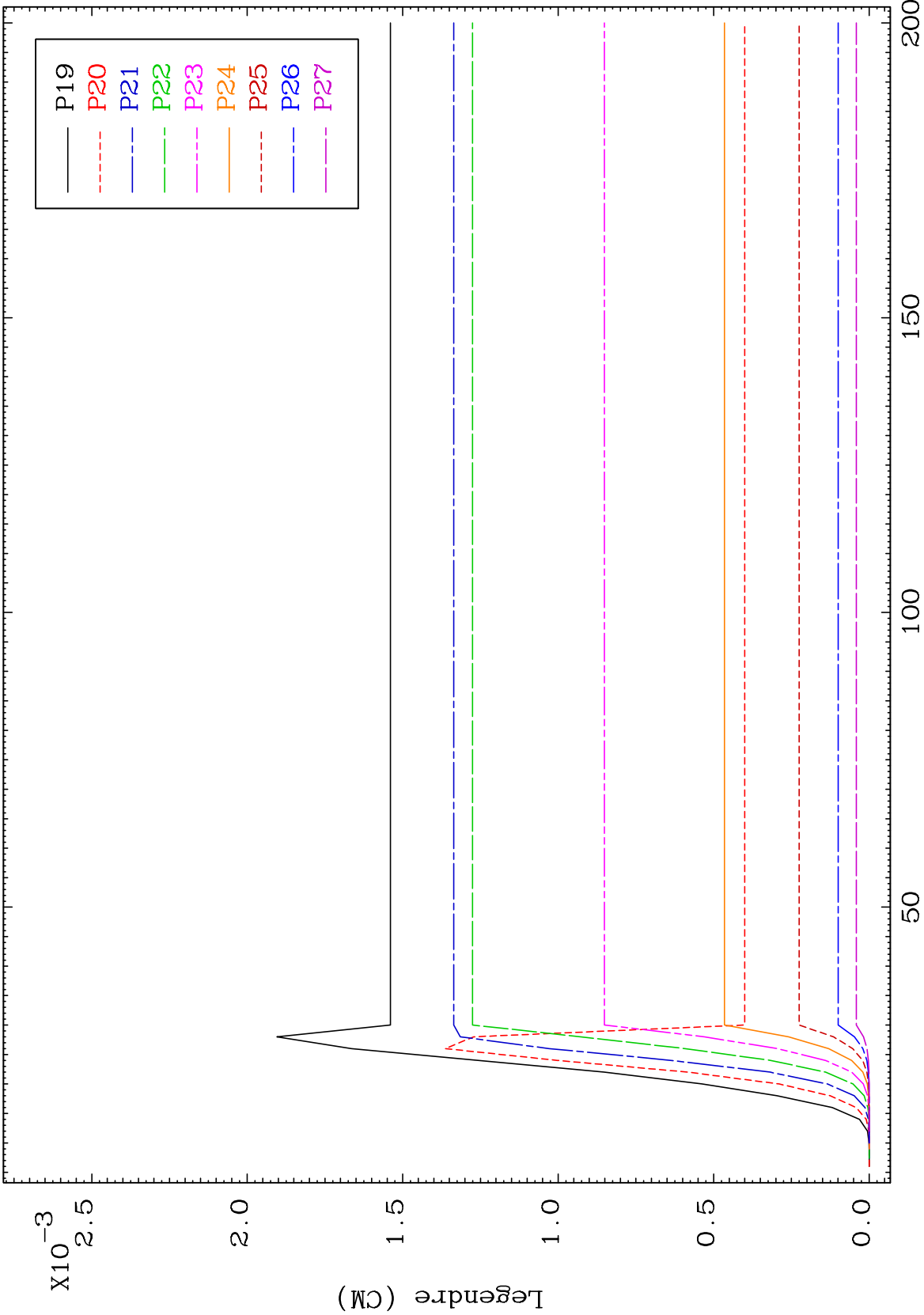
Incident Energy (MeV)

66

MAT 7683

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

77-Ir-177



67

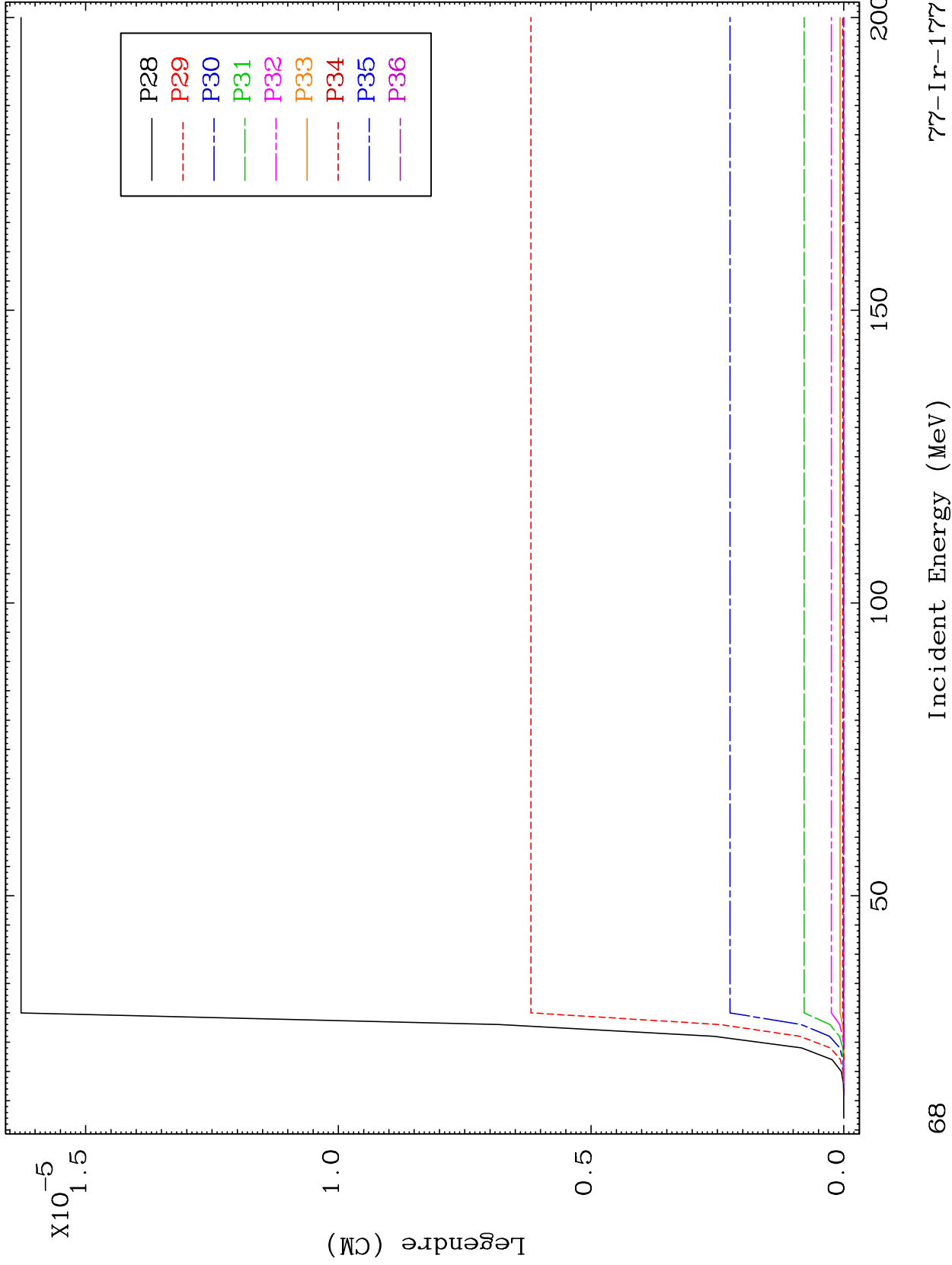
Incident Energy (MeV)

77-Ir-177

MAT 7683

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

77-Ir-177



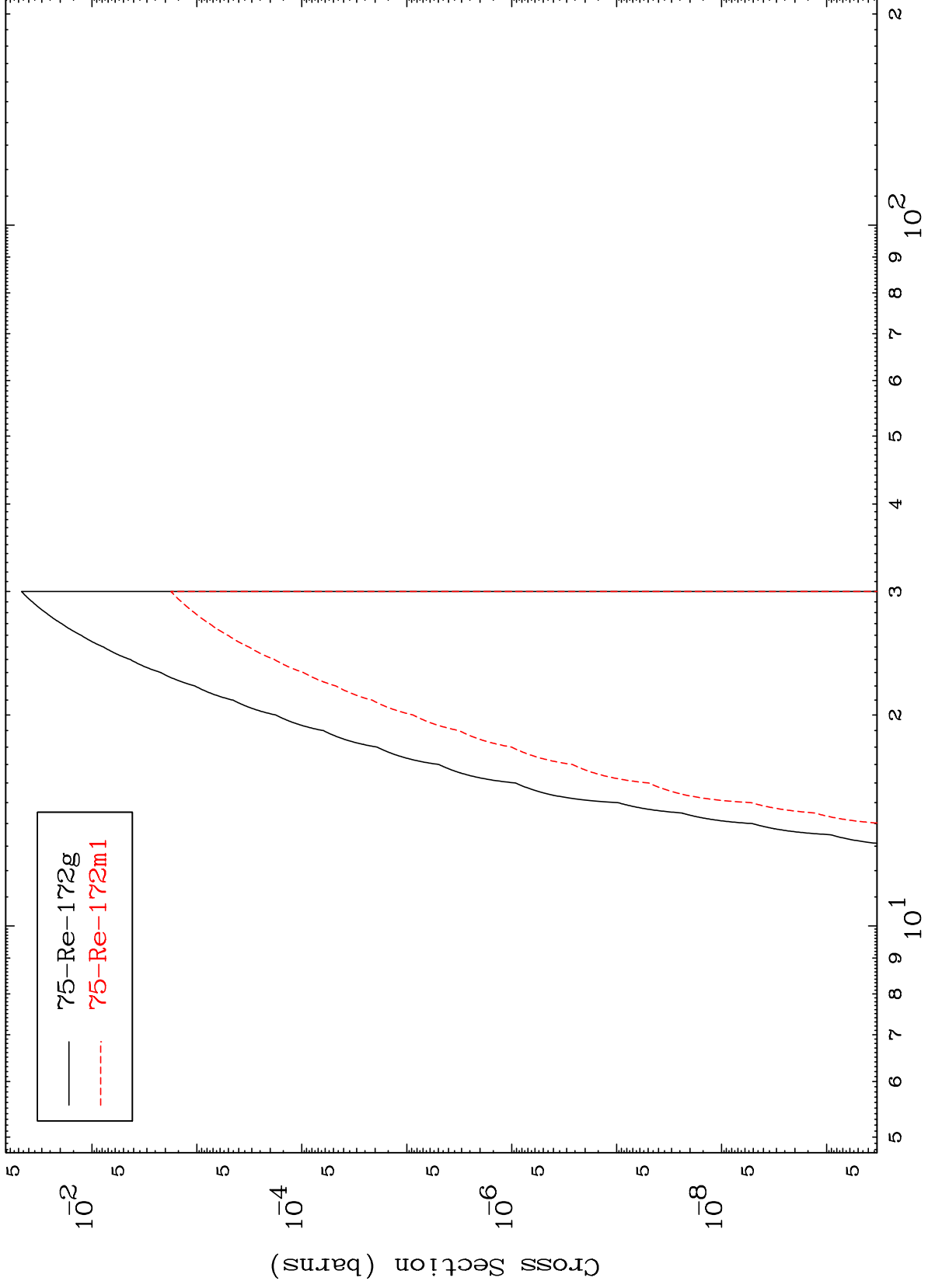
68

MAT 7683

$^{77}\text{Ir-177}$   $\alpha$

$^{77}\text{Ir-177}$

Radionuclide Production Cross Section



69

Incident Energy (MeV)

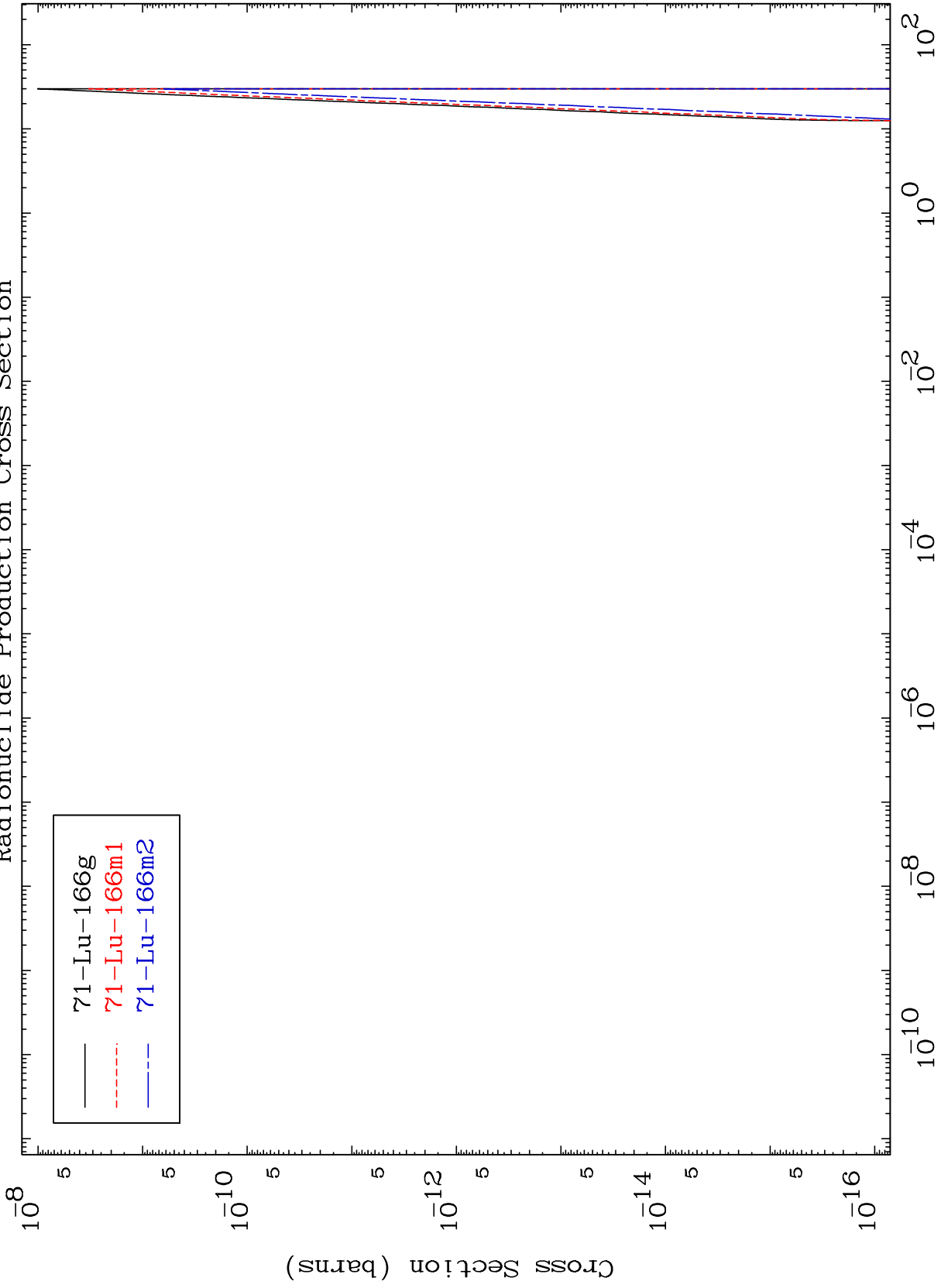
$^{77}\text{Ir-177}$

MAT 7683

(n, 3 $\alpha$ )

<sup>77</sup>Ir-177

Radionuclide Production Cross Section



70

Incident Energy (MeV)

<sup>77</sup>Ir-177