

Program EVALPLOT  
(Version 2018-1)

by

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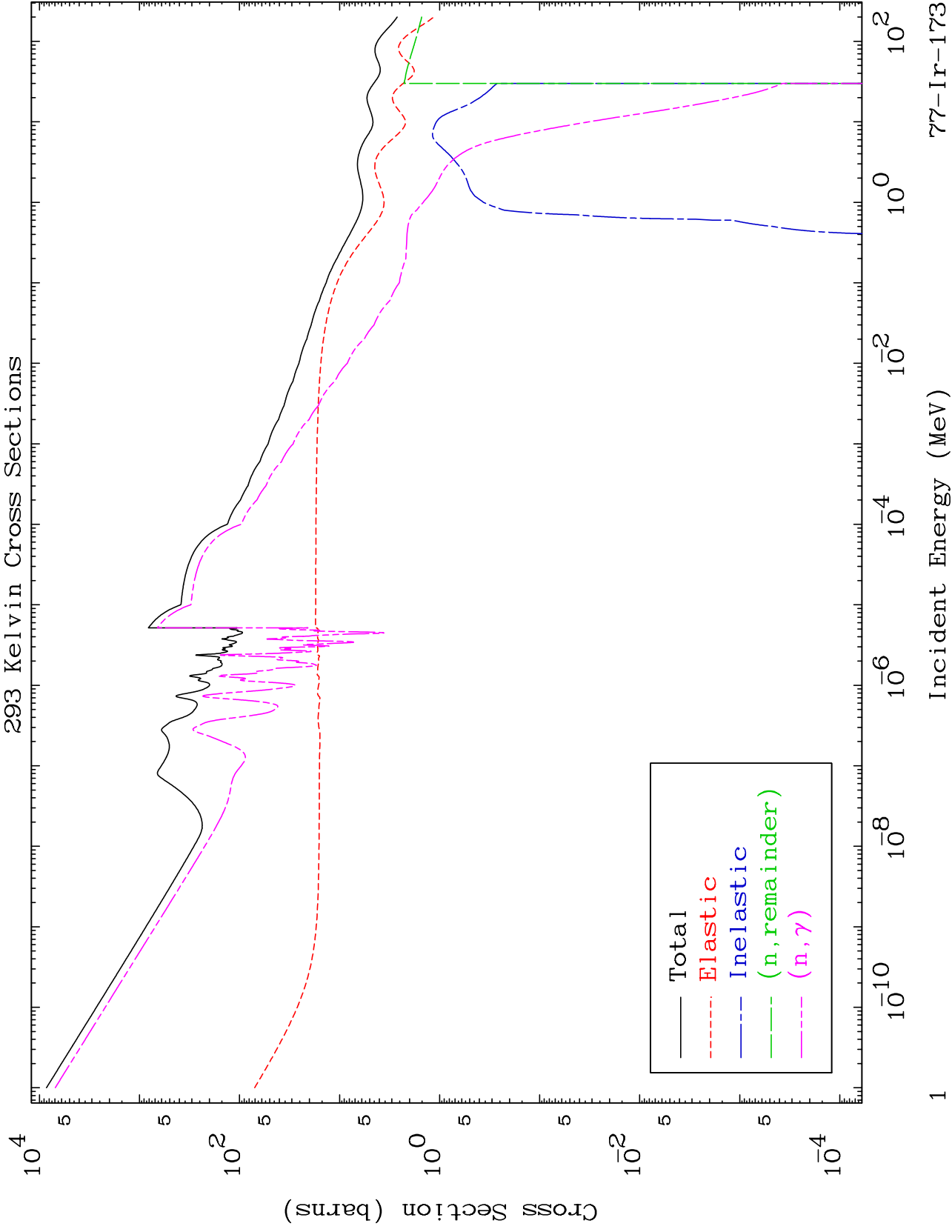
Press Mouse Button to Start

MAT 7671

Major

293 Kelvin Cross Sections

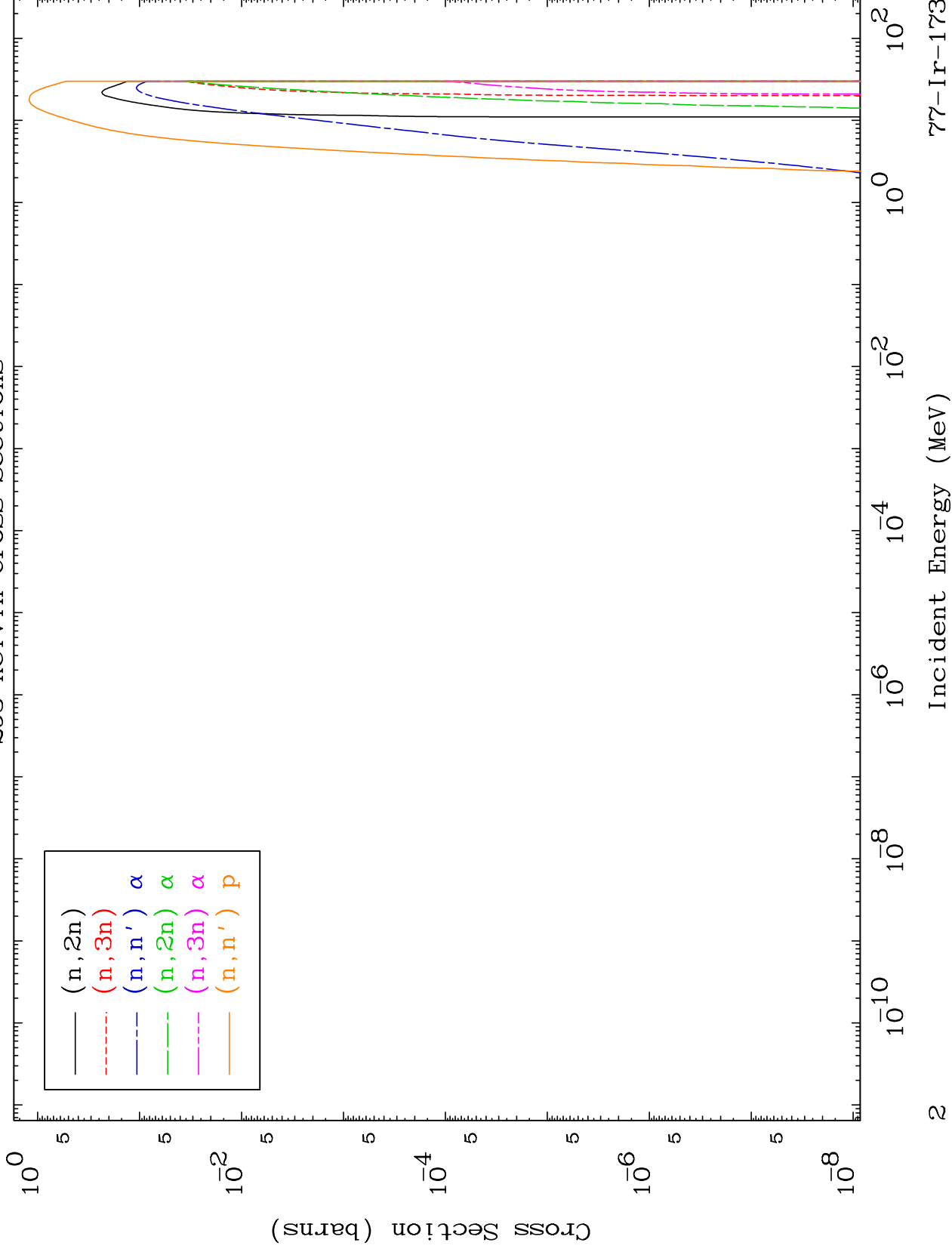
77-Ir-173



MAT 7671

Neutron Production  
293 Kelvin Cross Sections

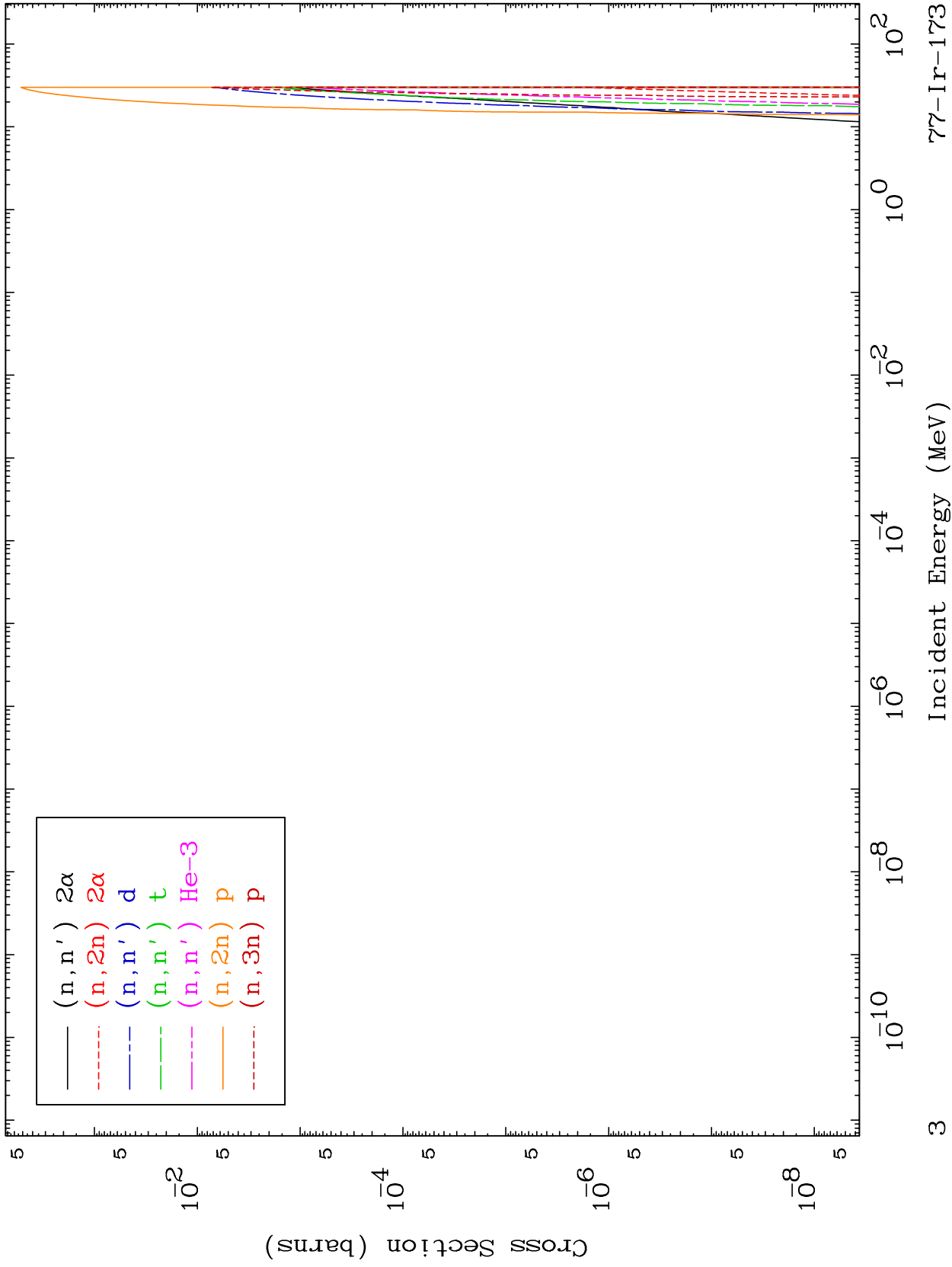
77-Ir-173



MAT 7671

Neutron Production  
293 Kelvin Cross Sections

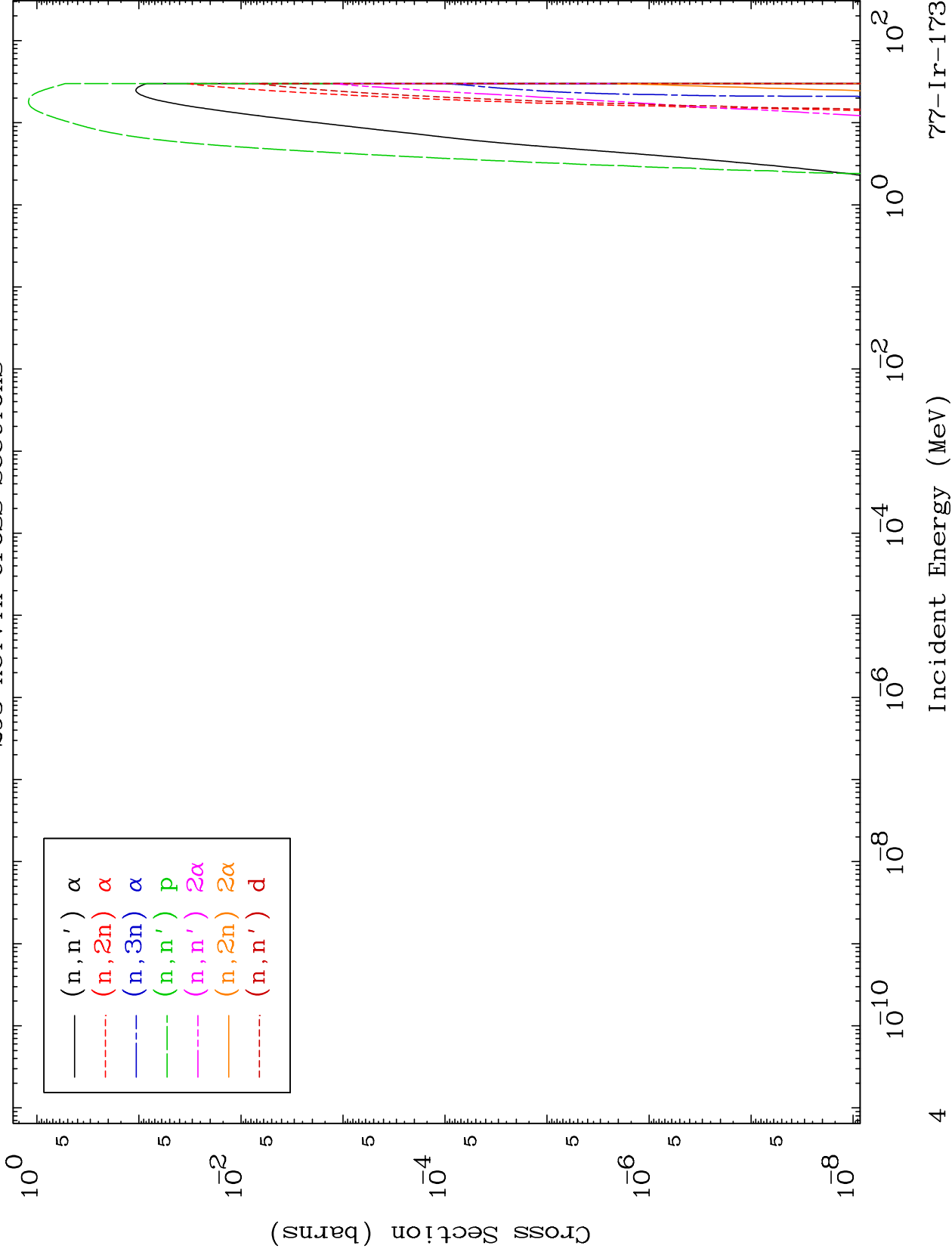
<sup>77</sup>Ir-173



MAT 7671

Charged Particle  
293 Kelvin Cross Sections

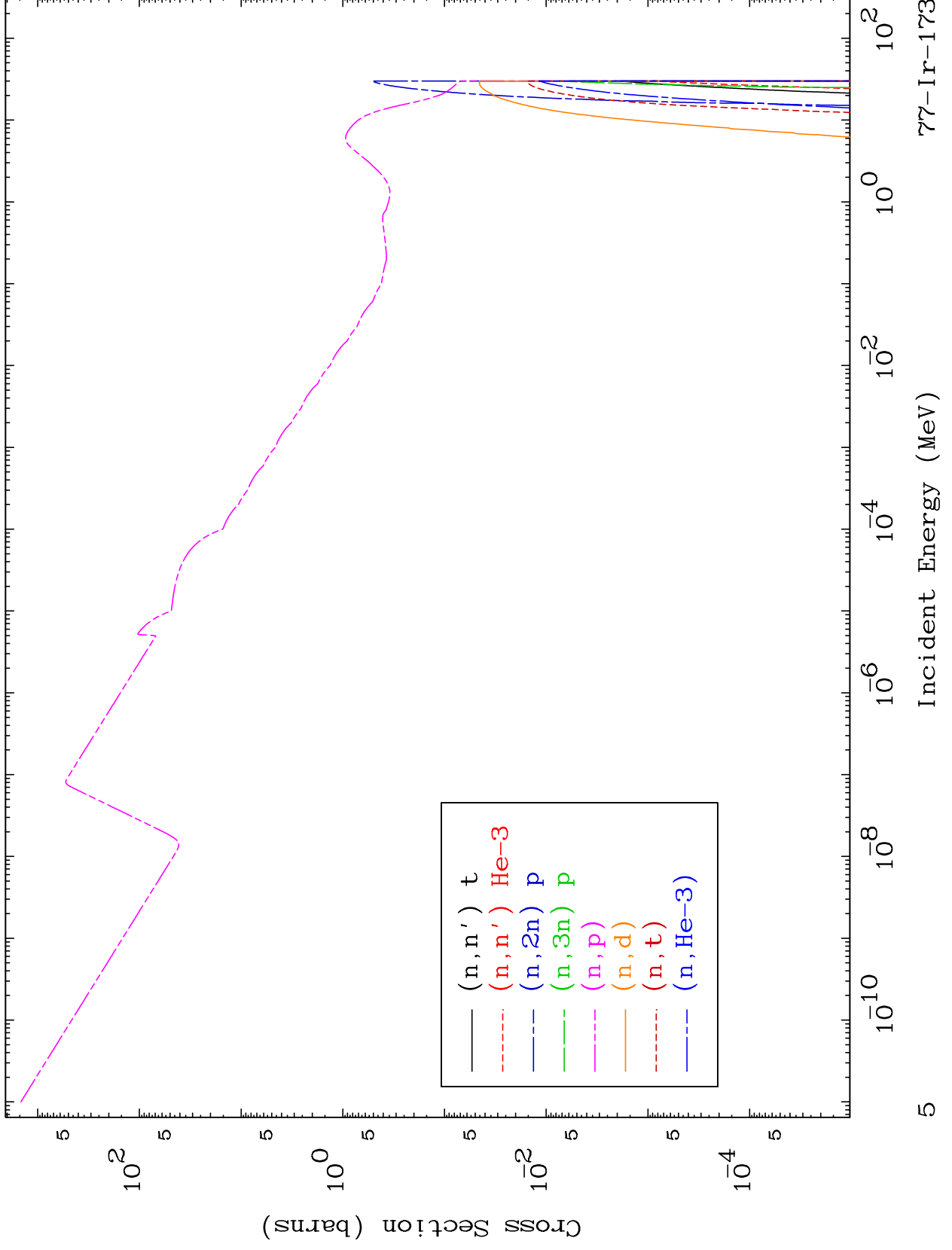
77-Ir-173



MAT 7671

Charged Particle  
293 Kelvin Cross Sections

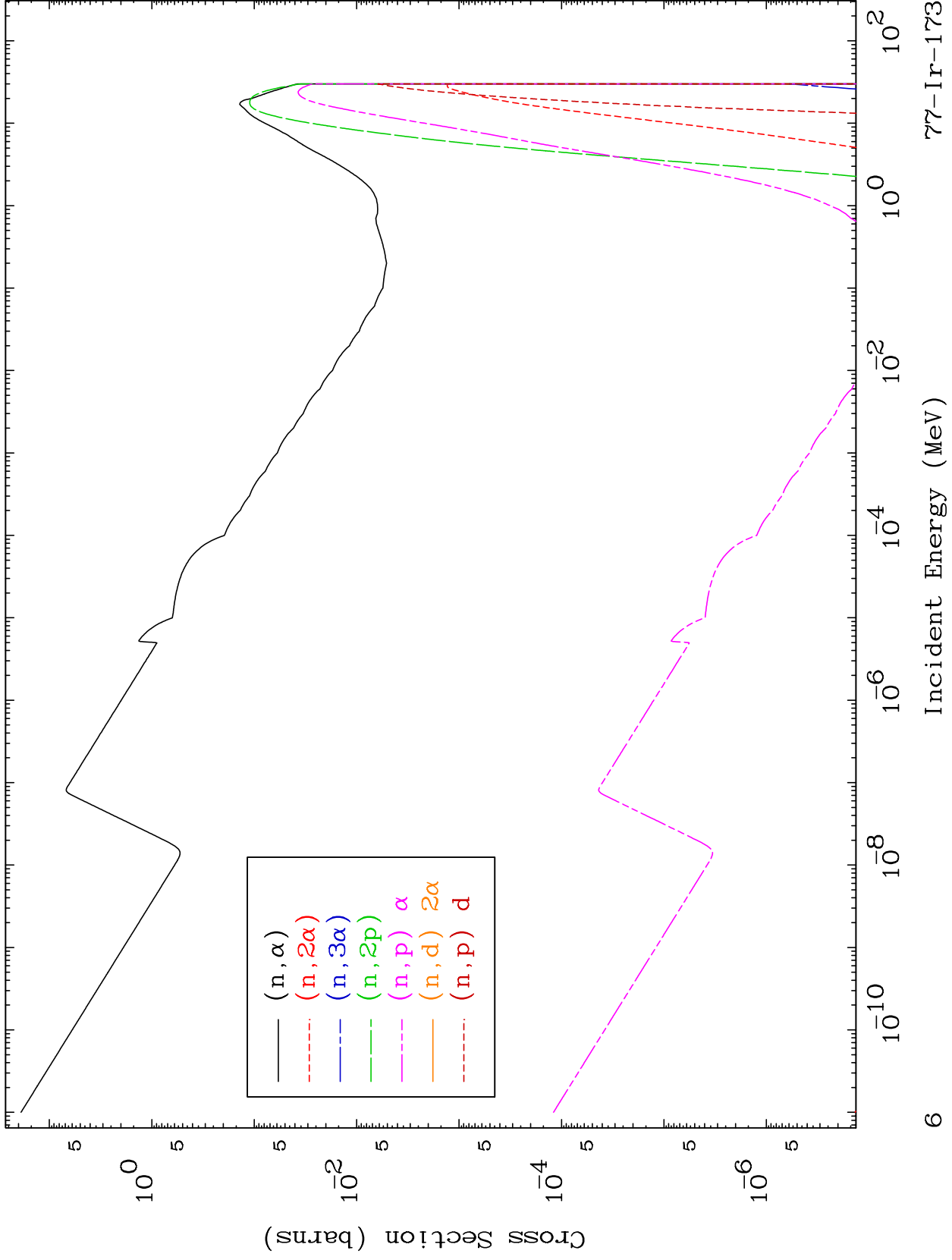
77-Ir-173

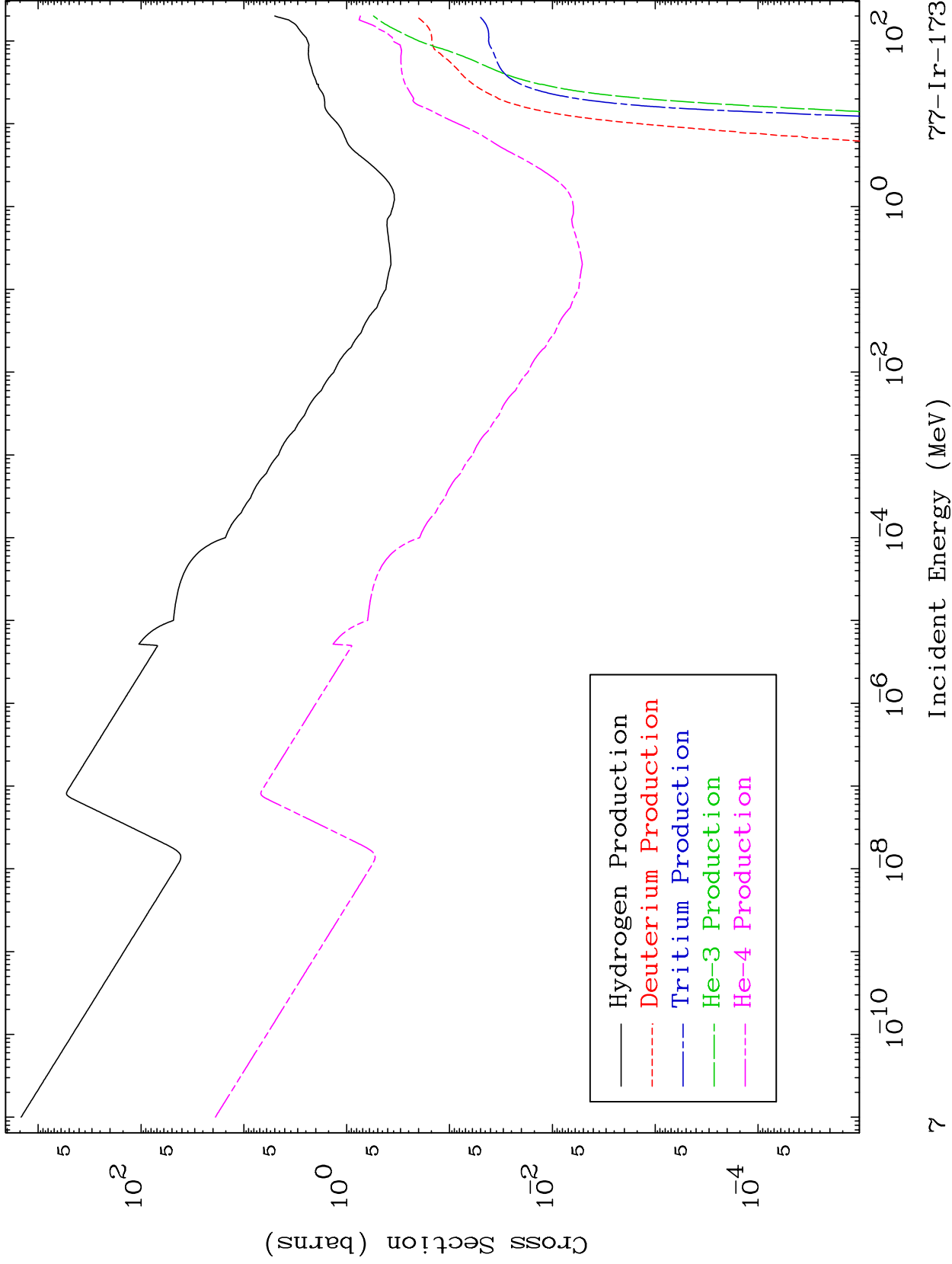


MAT 7671

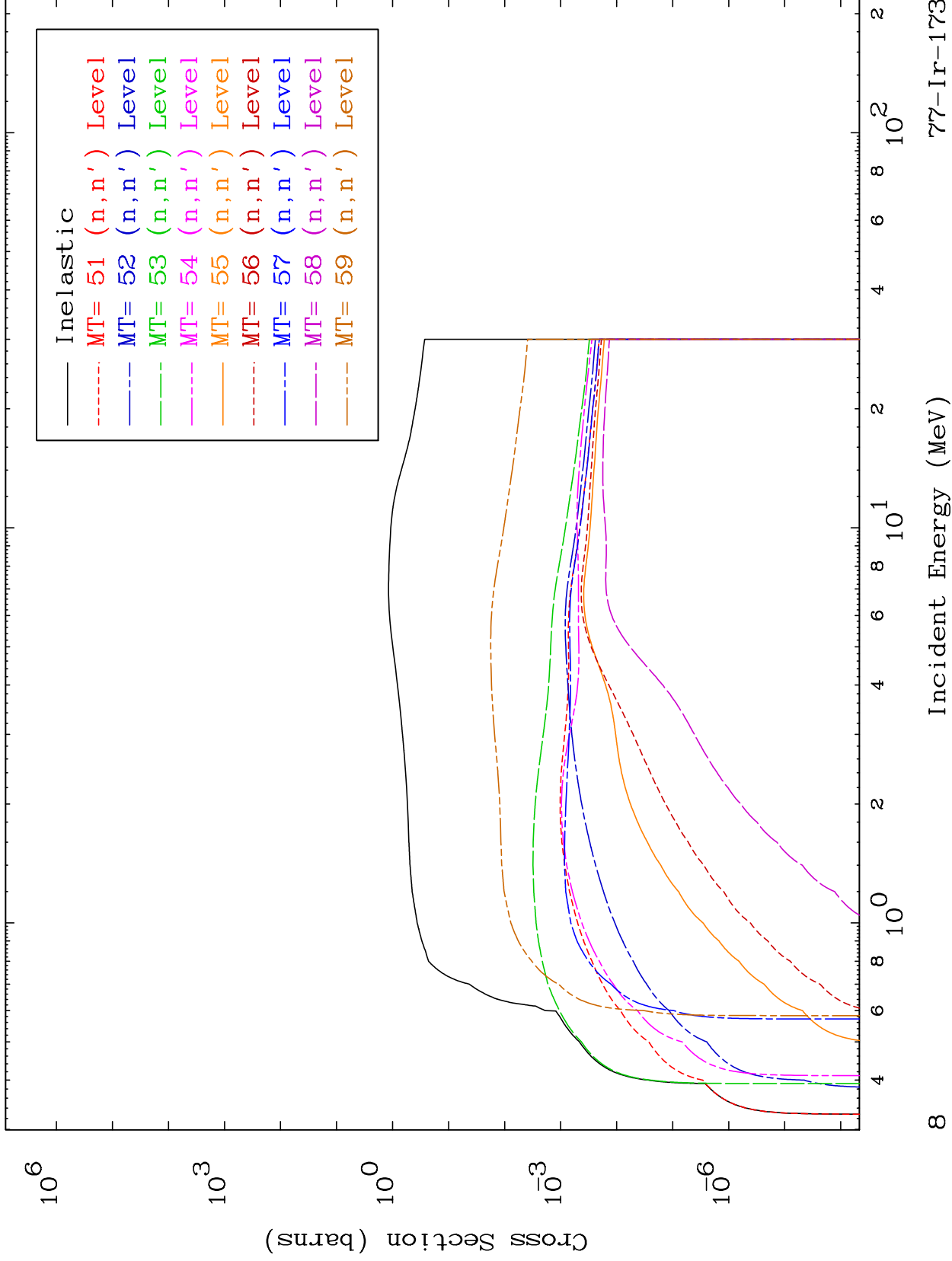
Charged Particle  
293 Kelvin Cross Sections

77-Ir-173







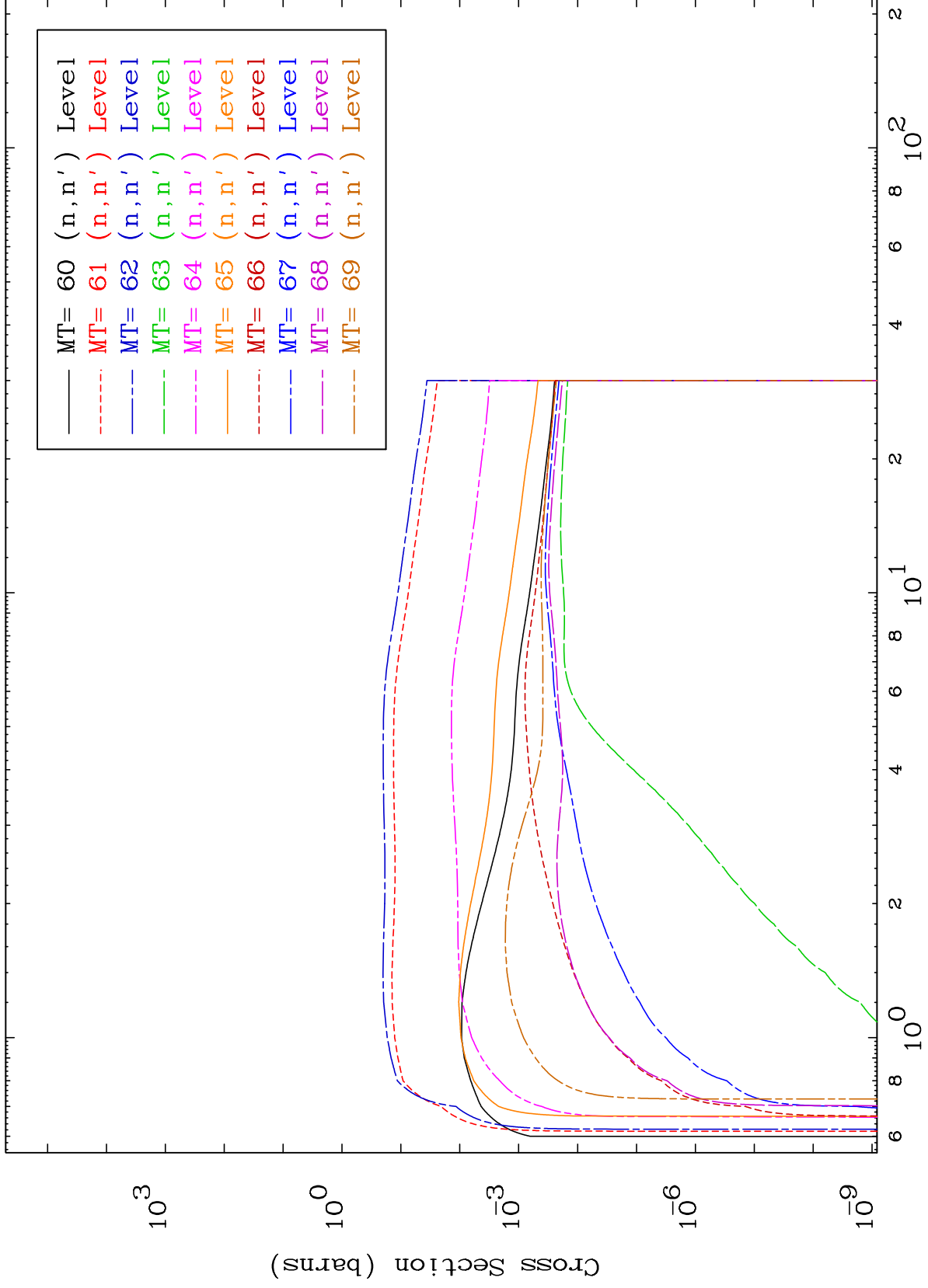


MAT 7671

(n,n') Level

77-Ir-173

293 Kelvin Cross Sections



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Incident Energy (MeV)

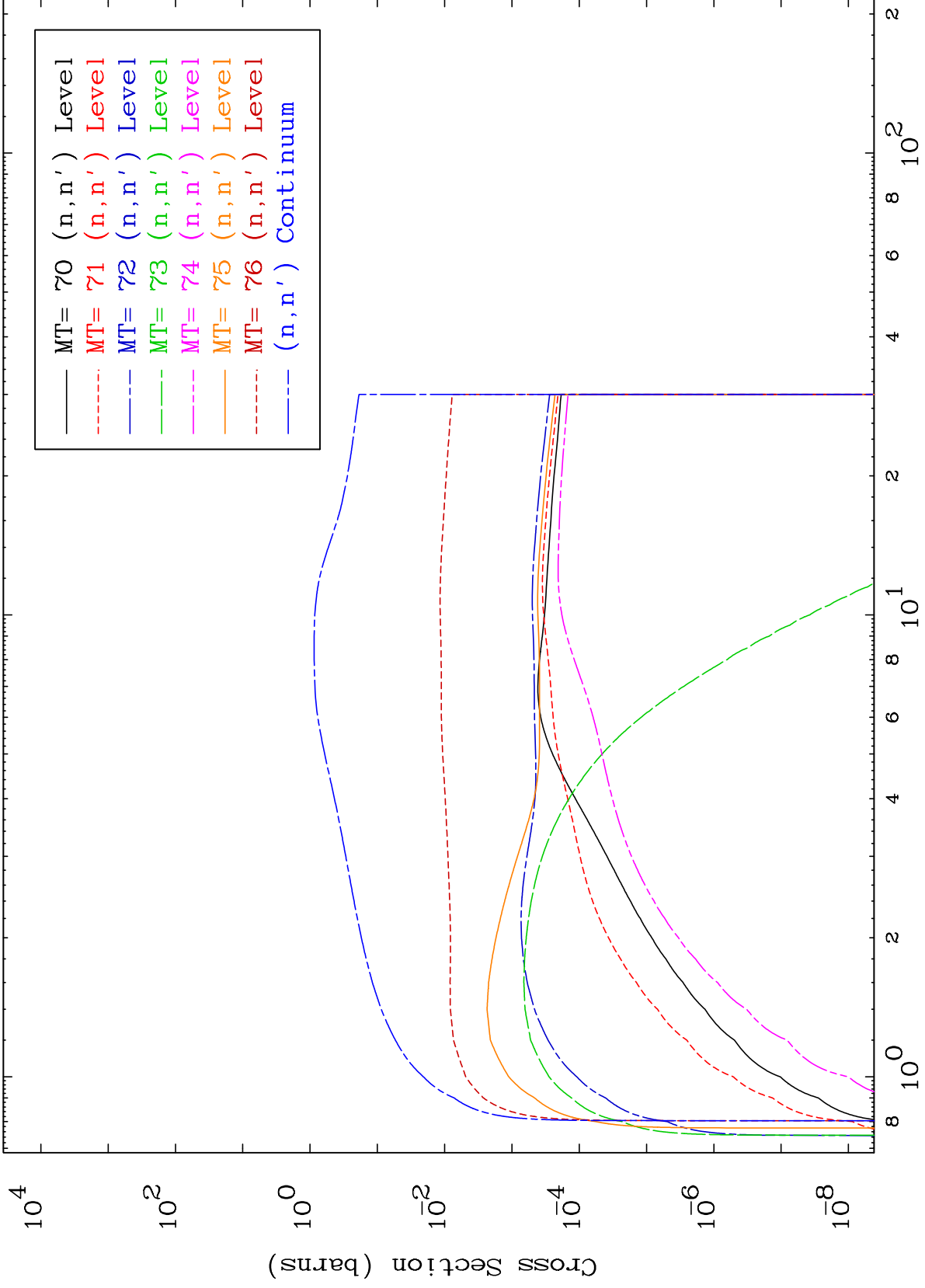
77-Ir-173

MAT 7671

(n,n') Level

77-Ir-173

293 Kelvin Cross Sections



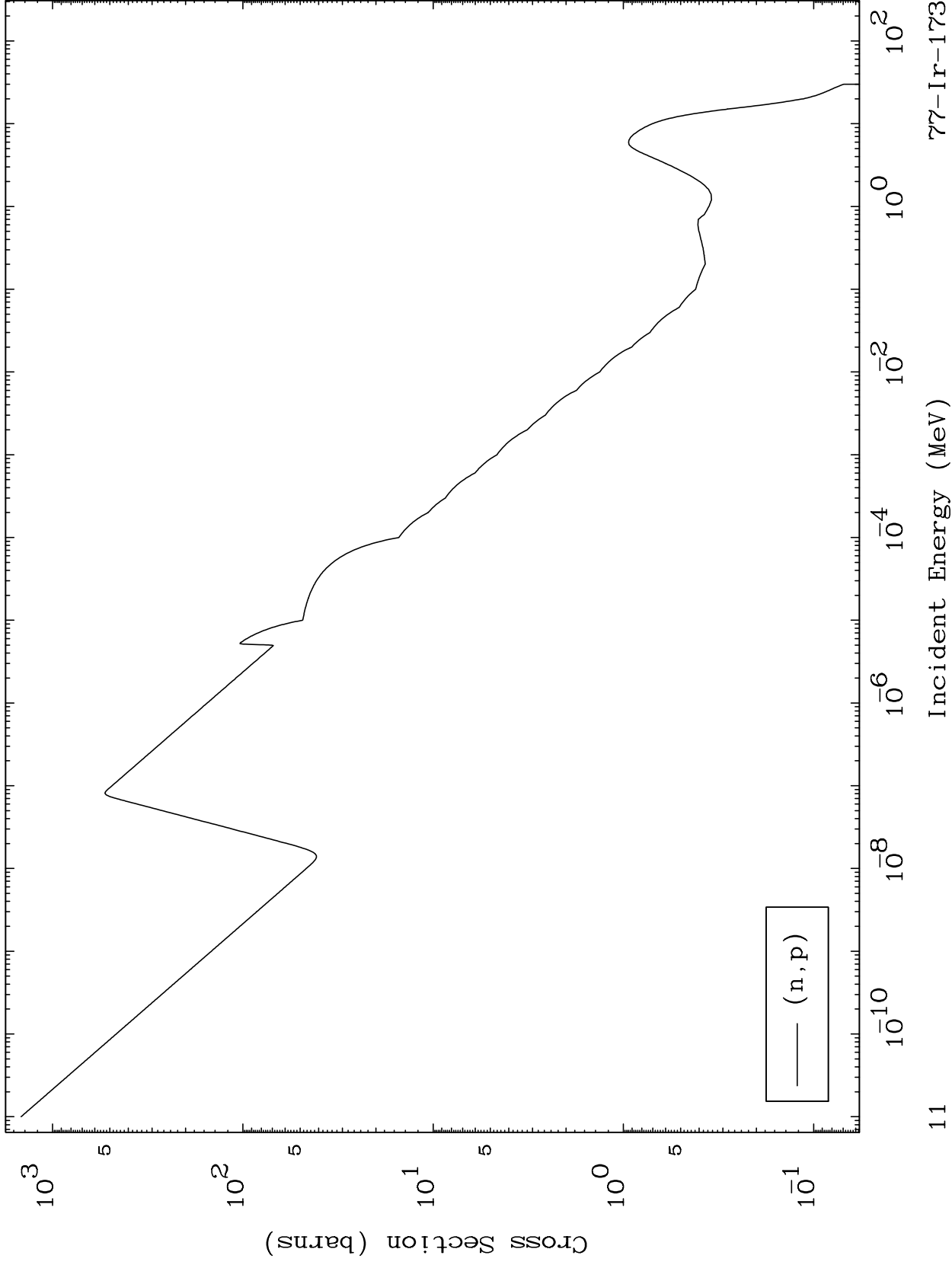
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,p) Levels  
293 Kelvin Cross Sections

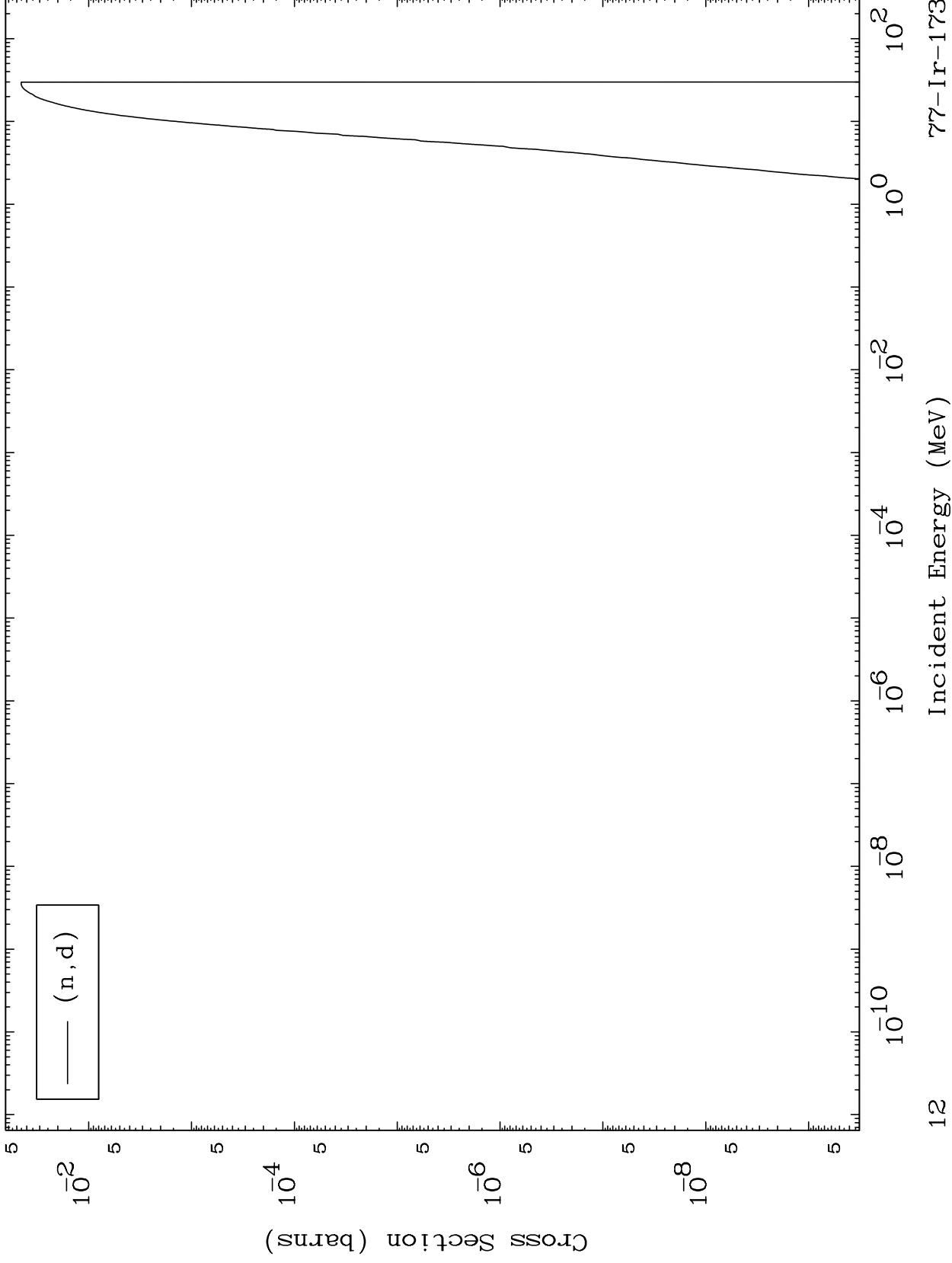
77-Ir-173



MAT 7671

(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-173



12

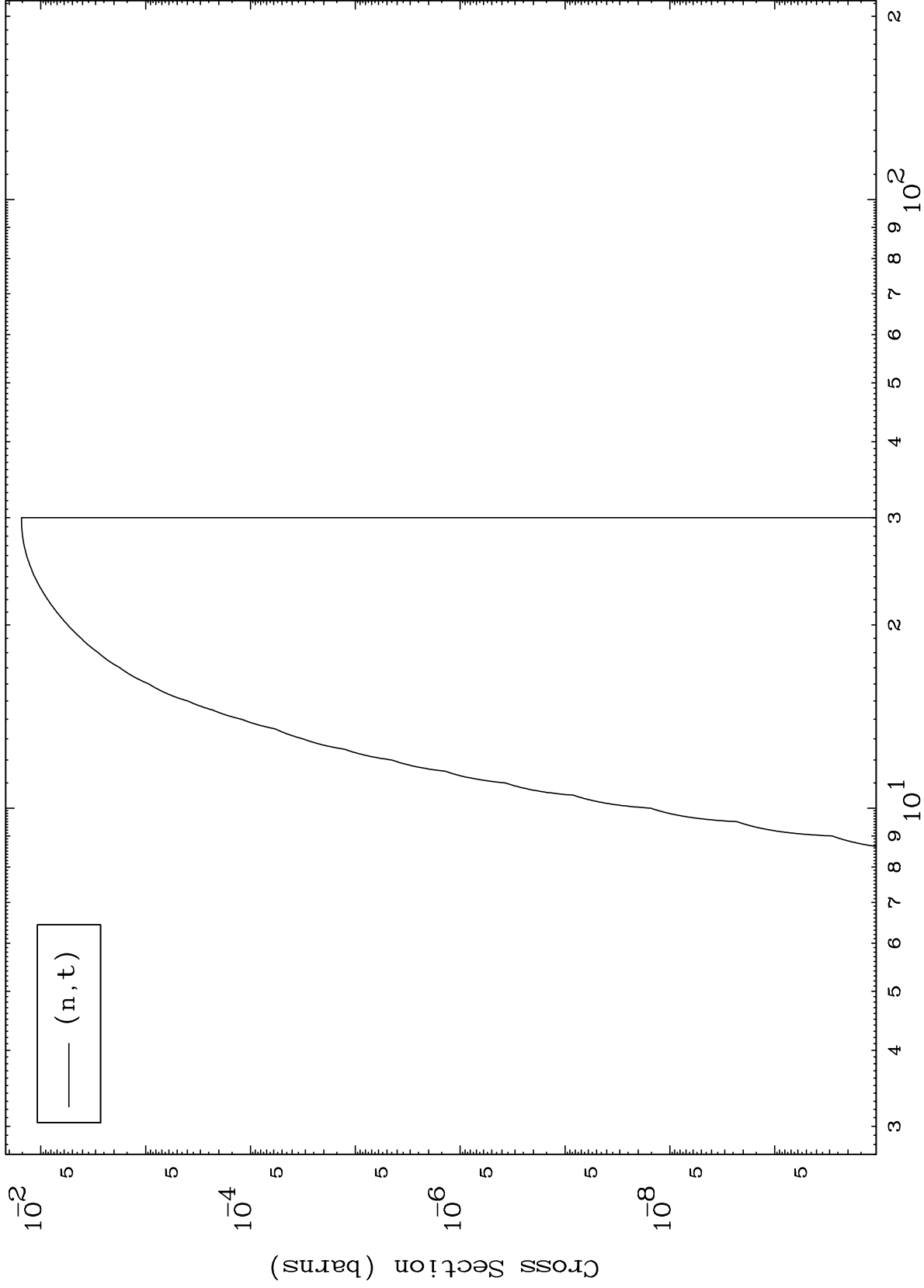
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,t) Levels  
293 Kelvin Cross Sections

77-Ir-173



13

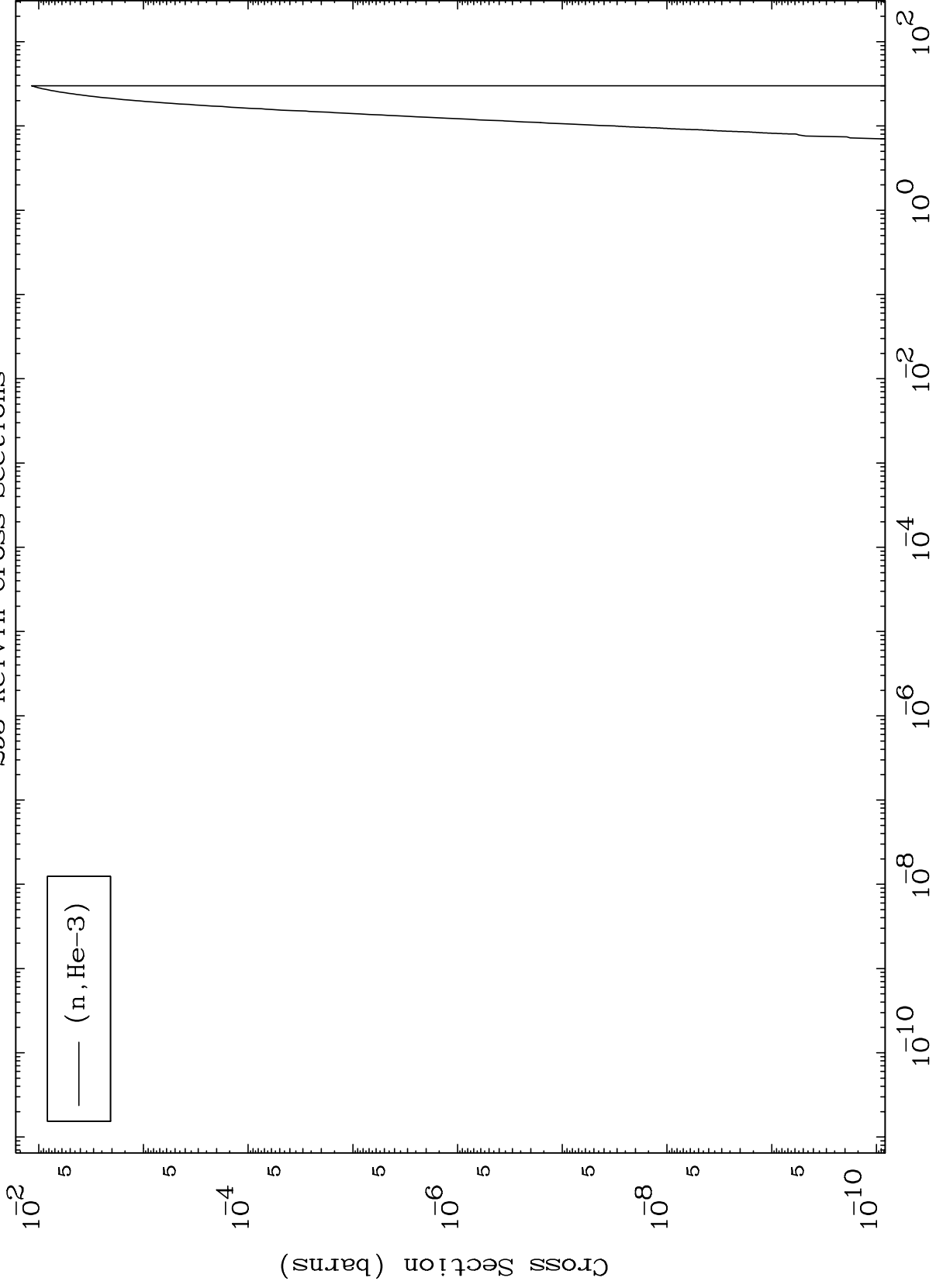
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,He3) Levels  
293 Kelvin Cross Sections

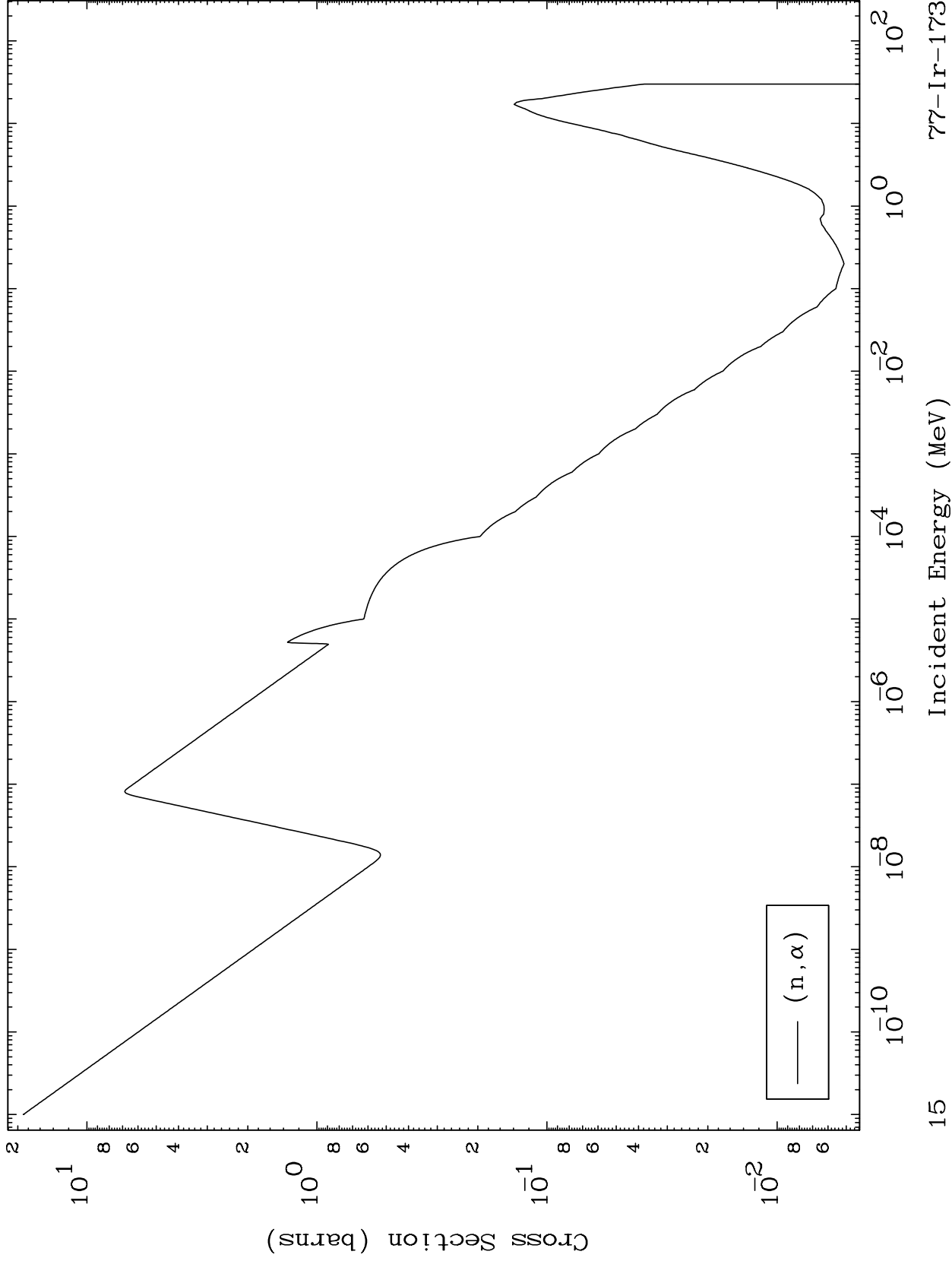
77-Ir-173



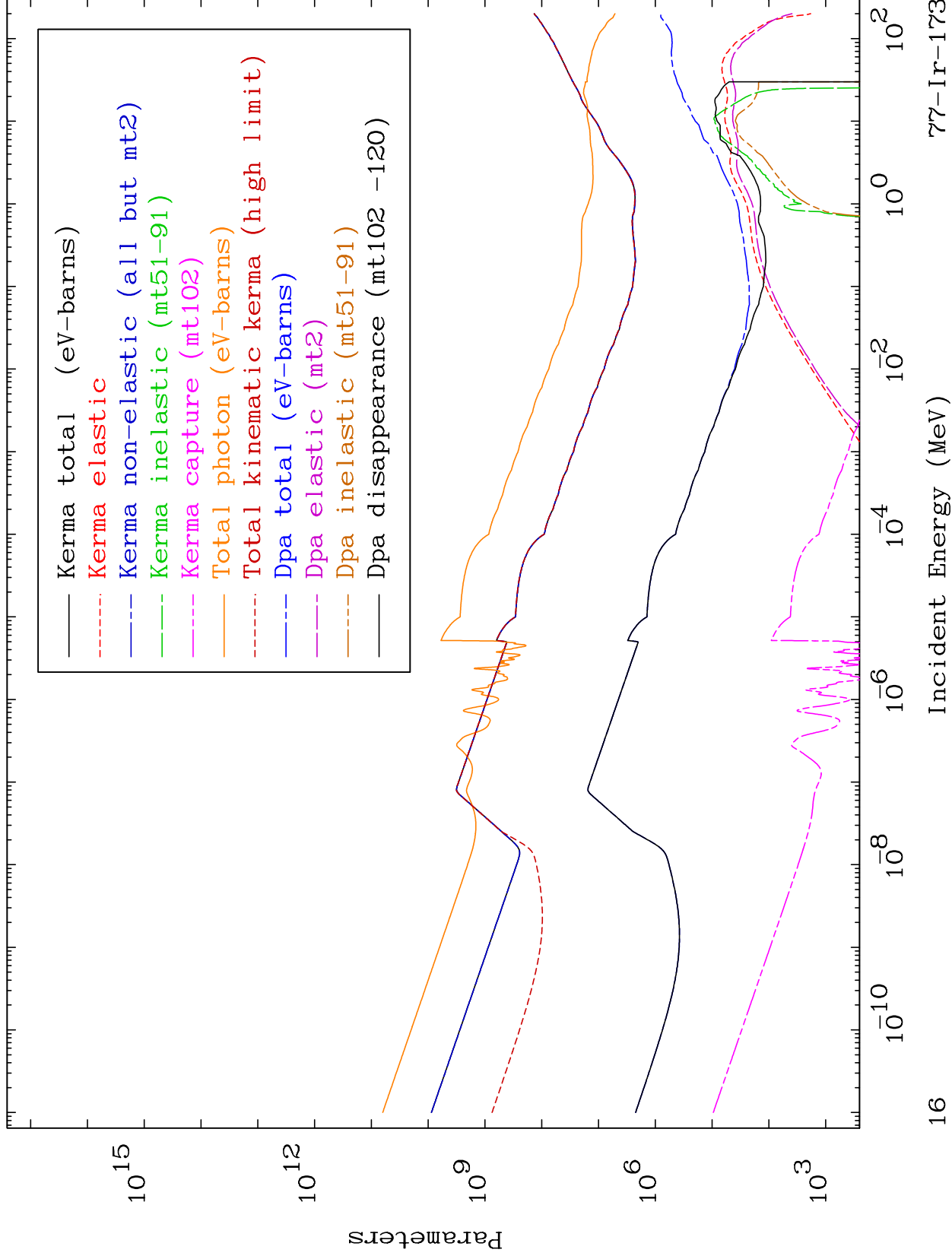
MAT 7671

(n,α) Levels  
293 Kelvin Cross Sections

77-Ir-173



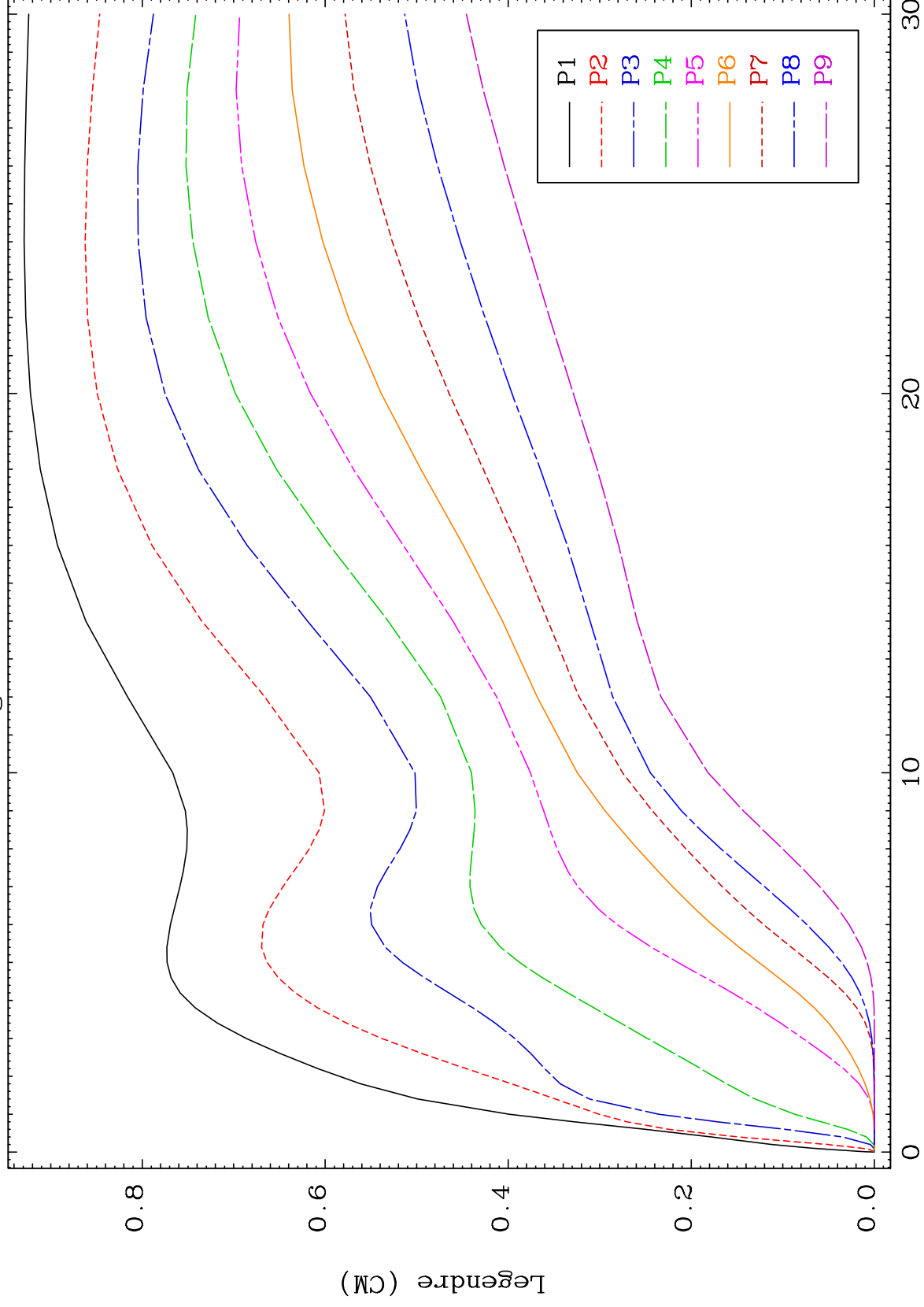




MAT 7671

Elastic Legendre Coefficients

77-Ir-173



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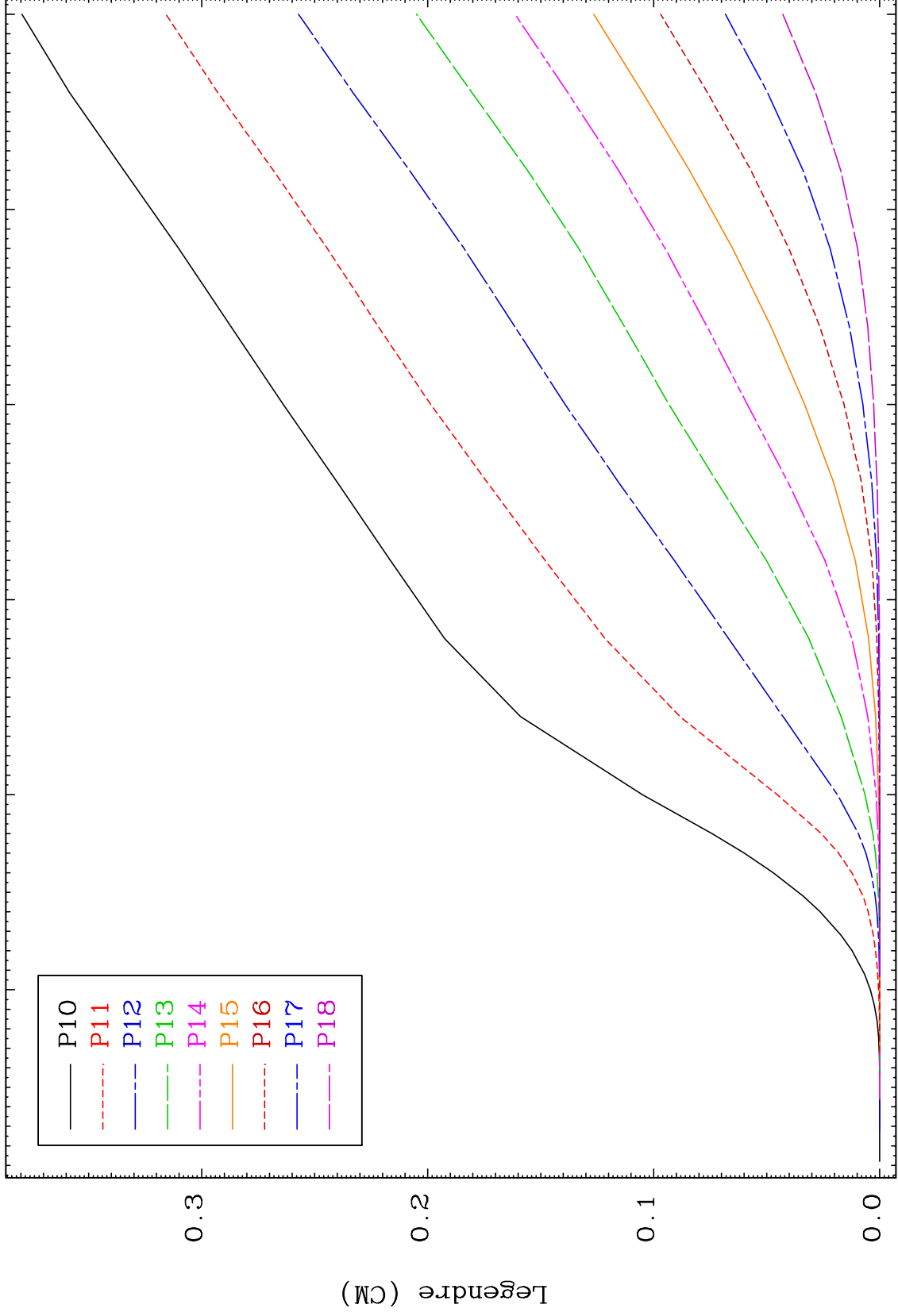
Incident Energy (MeV)

77-Ir-173

MAT 7671

Elastic  
Legendre Coefficients

<sup>77</sup>Ir-173



18

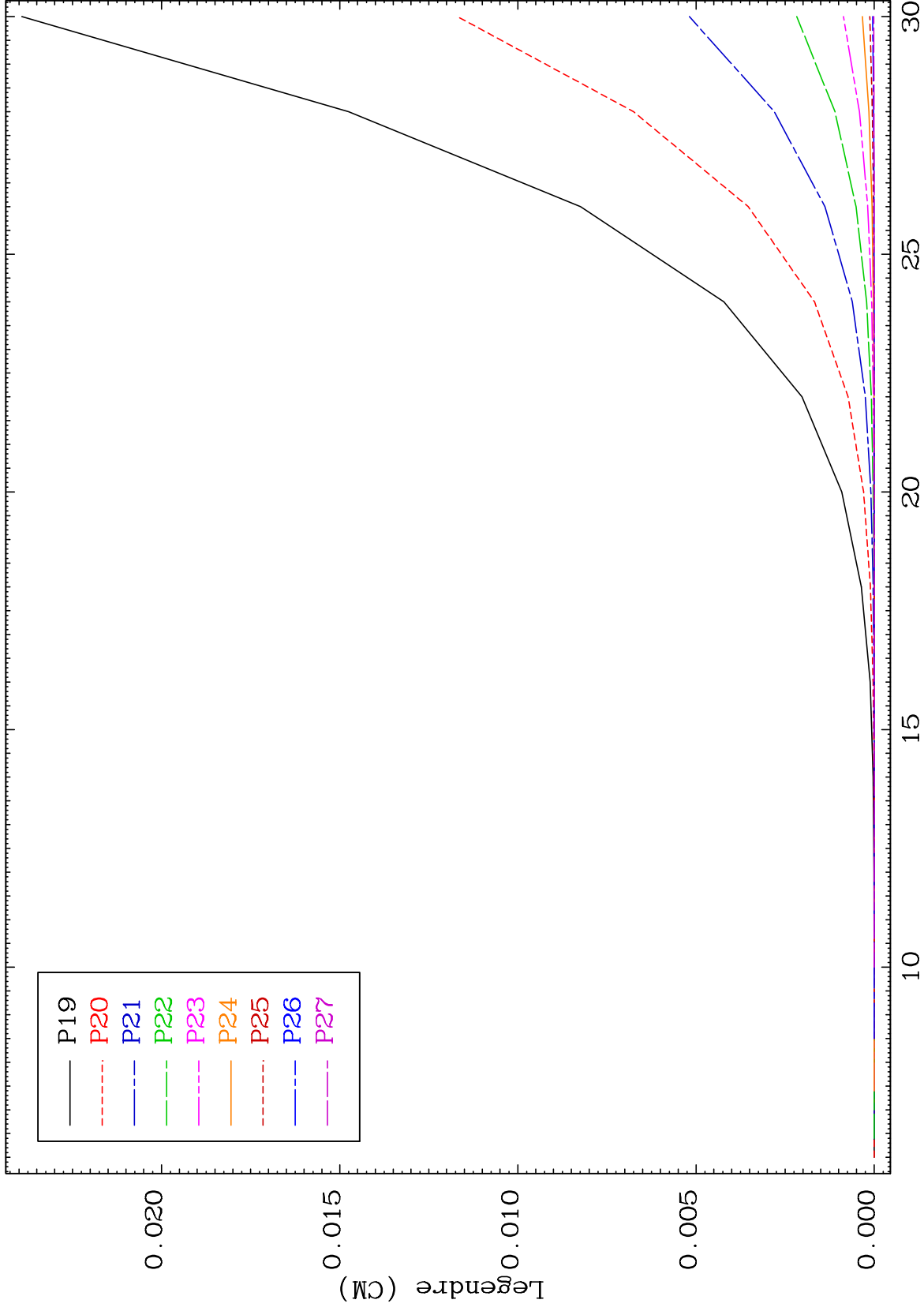
Incident Energy (MeV)

<sup>77</sup>Ir-173

MAT 7671

### Elastic Legendre Coefficients

77-Ir-173



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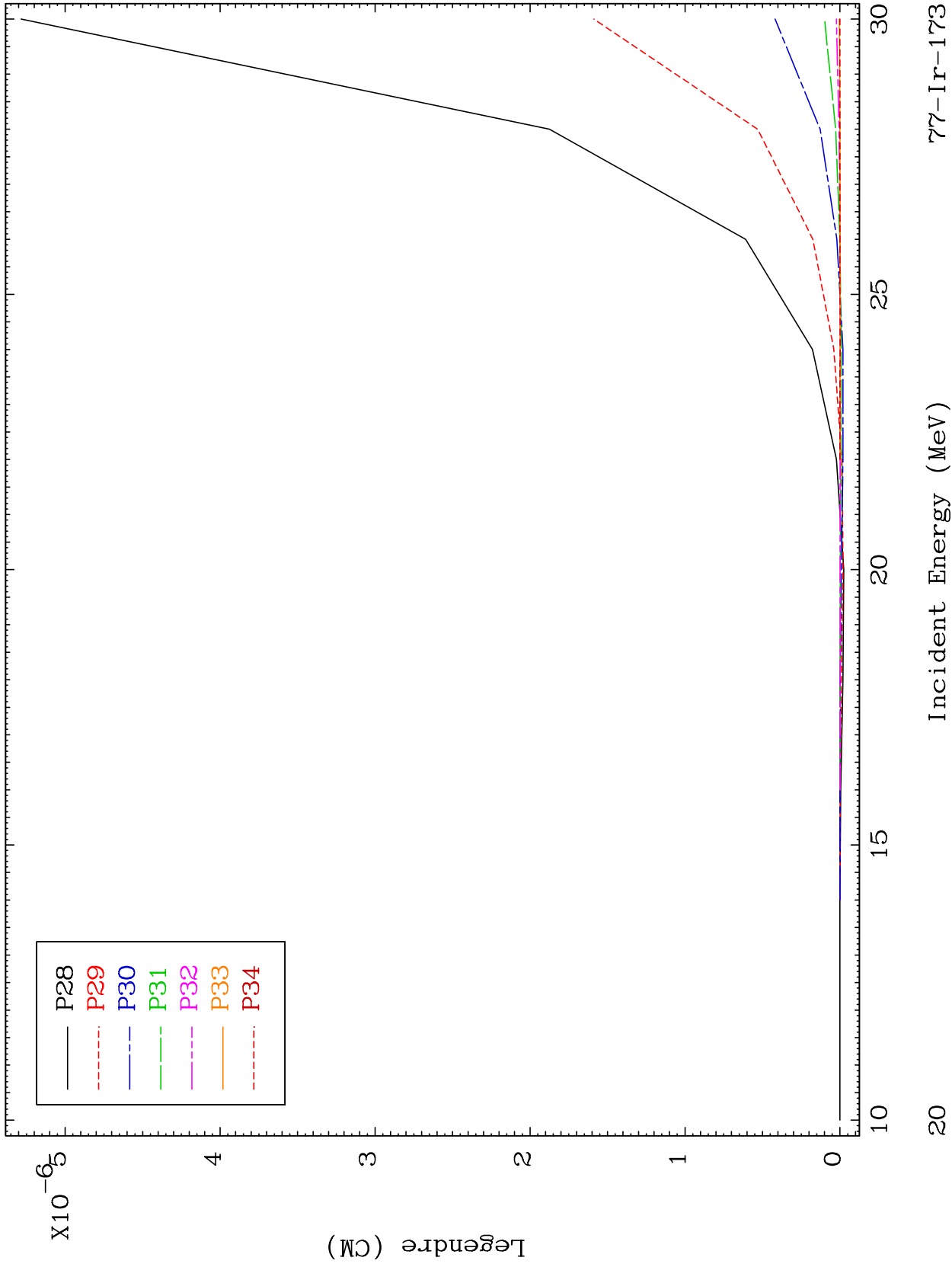
Incident Energy (MeV)

77-Ir-173

MAT 7671

Elastic  
Legendre Coefficients

<sup>77</sup>Ir-173



<sup>77</sup>Ir-173

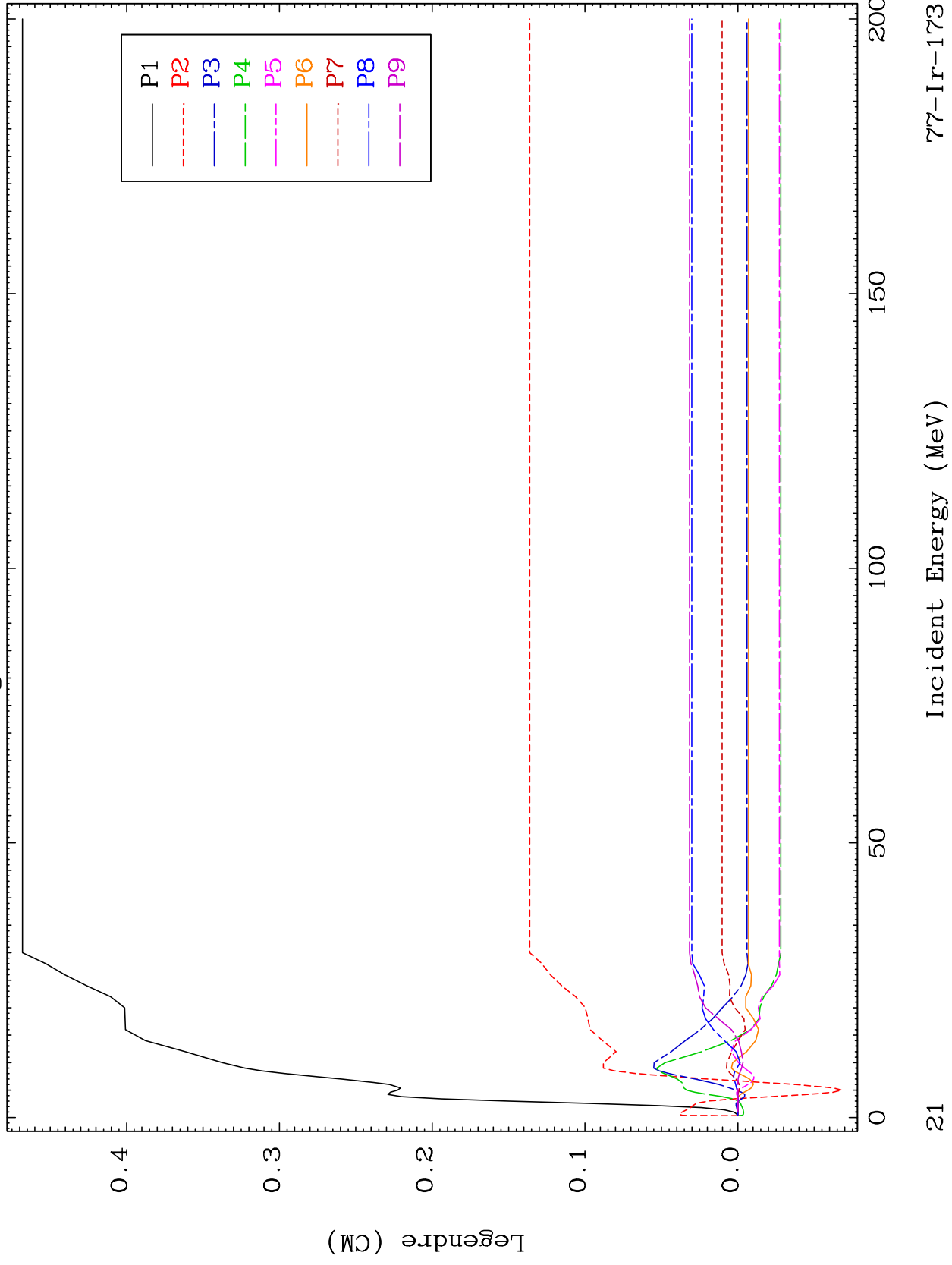
Incident Energy (MeV)

20

MAT 7671

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

77-Ir-173



77-Ir-173

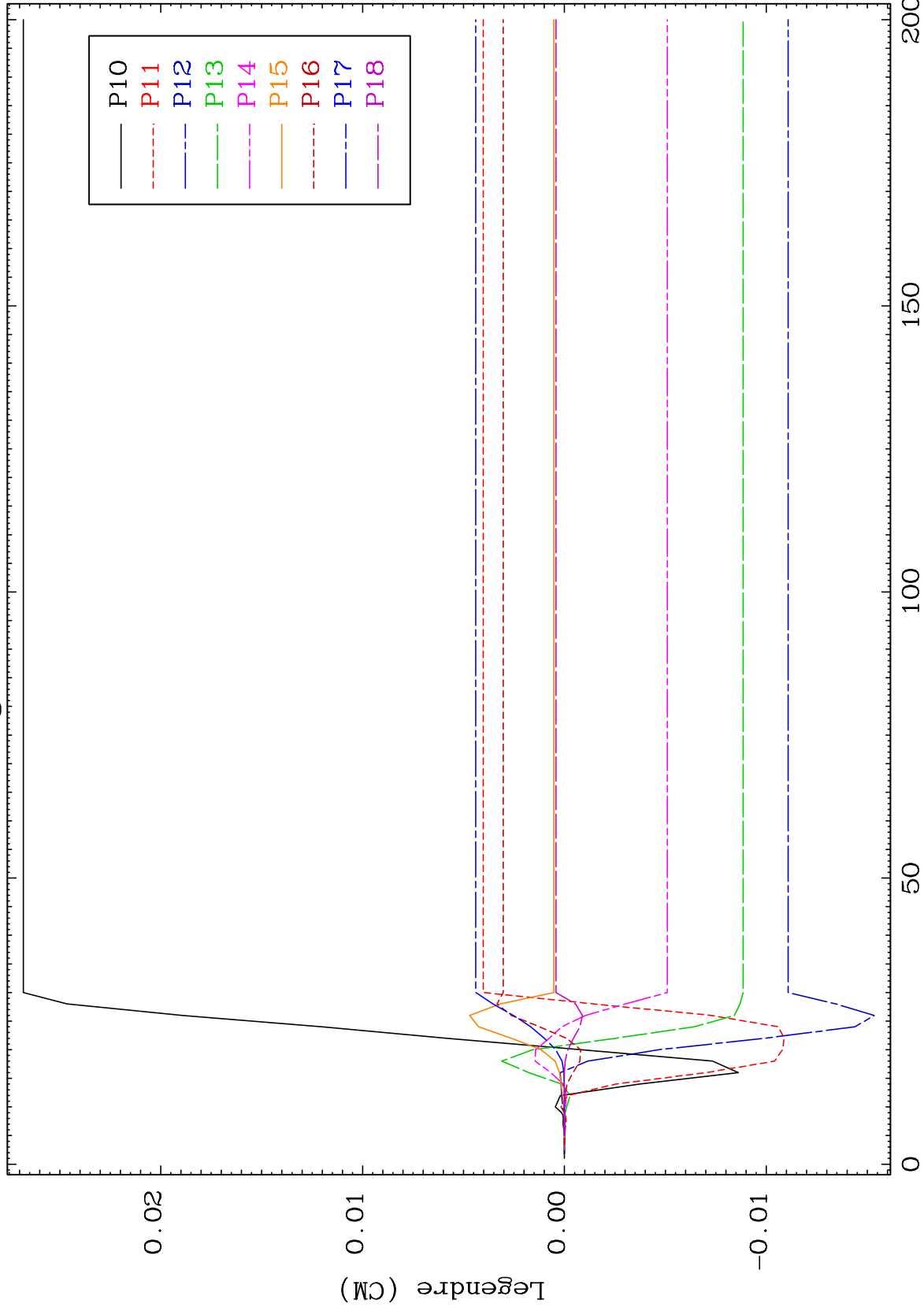
Incident Energy (MeV)

21

MAT 7671

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

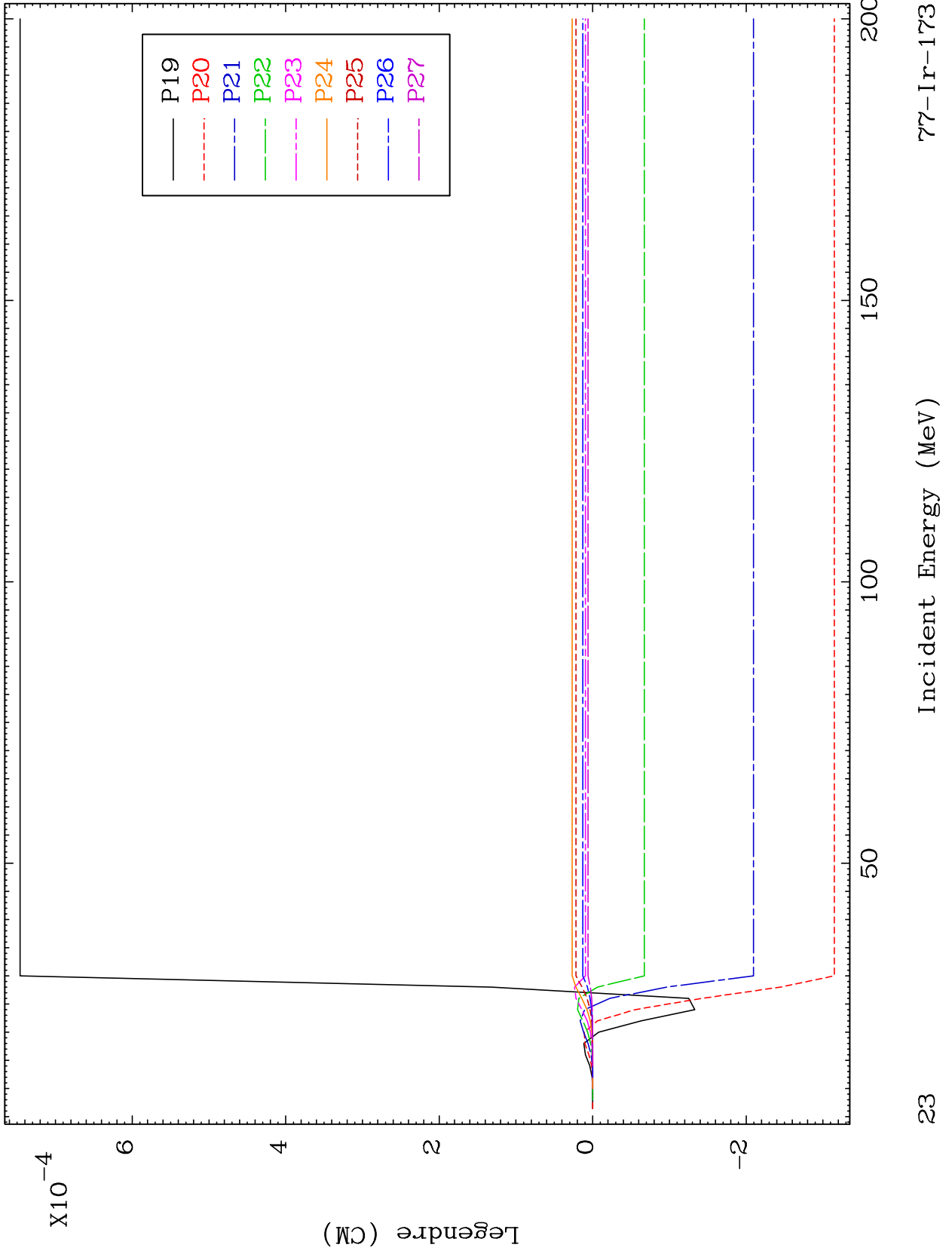
77-Ir-173



22

Incident Energy (MeV)

77-Ir-173

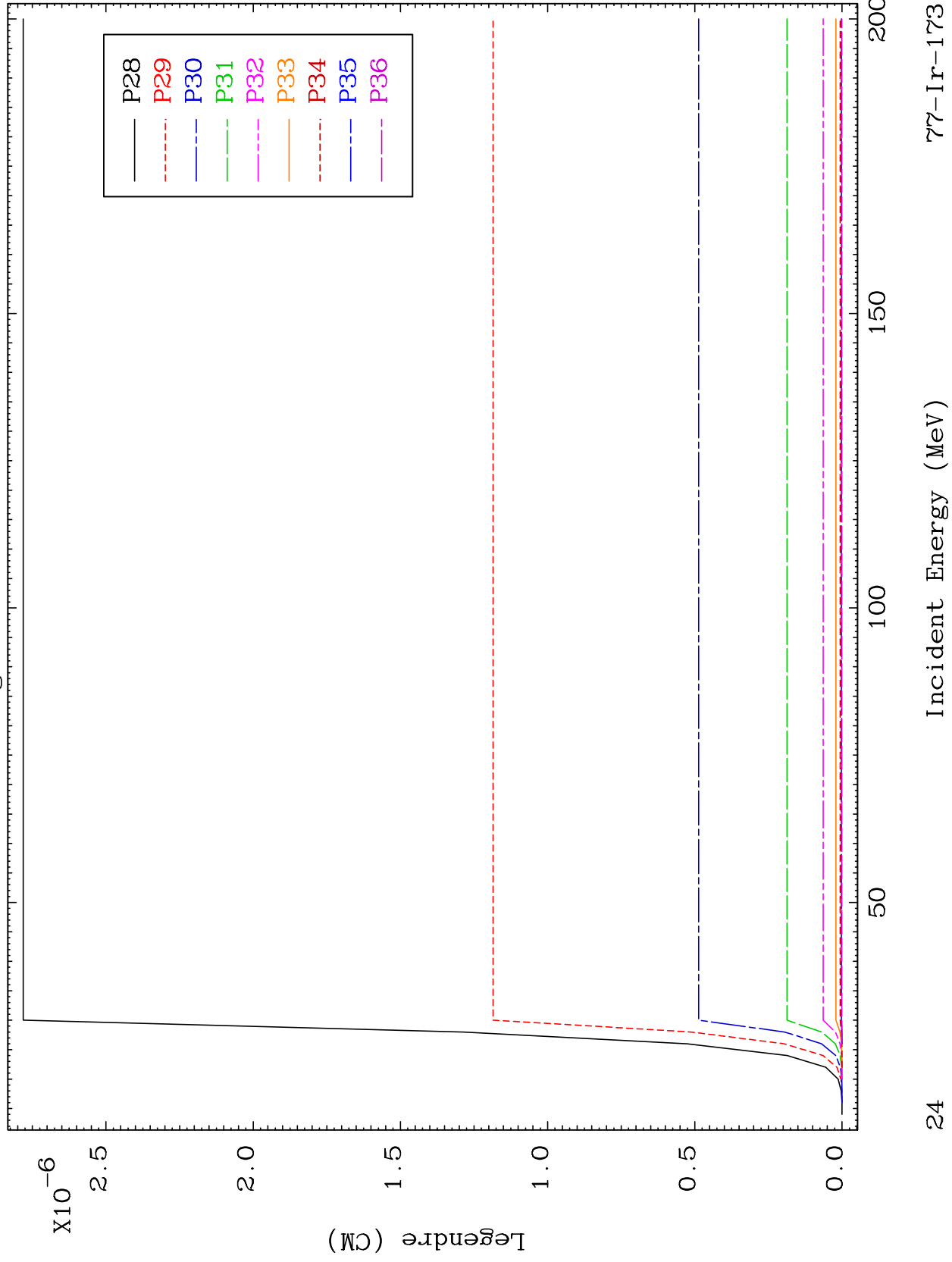




MAT 7671

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

77-Ir-173

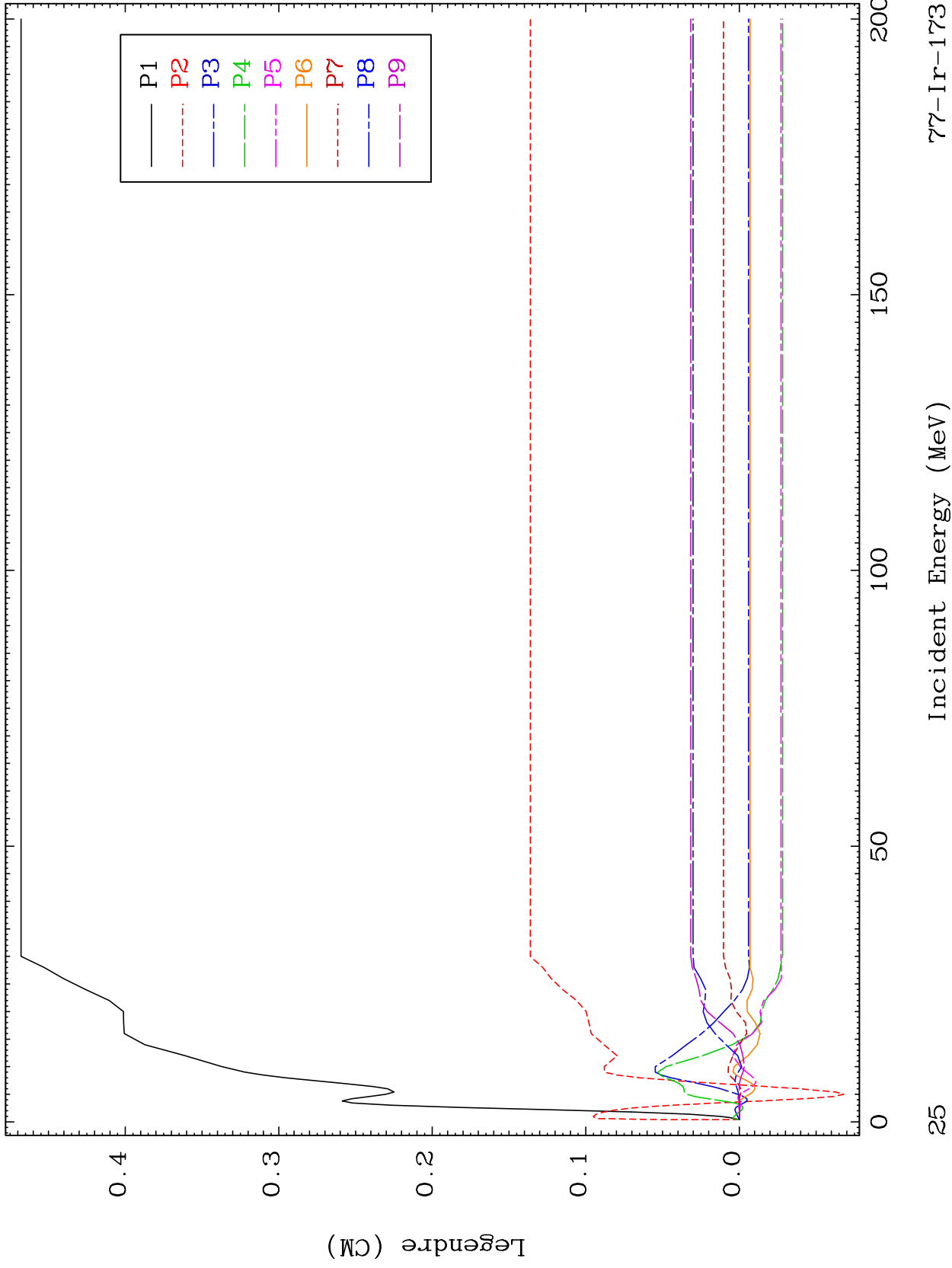


24

MAT 7671

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

77-Ir-173



77-Ir-173

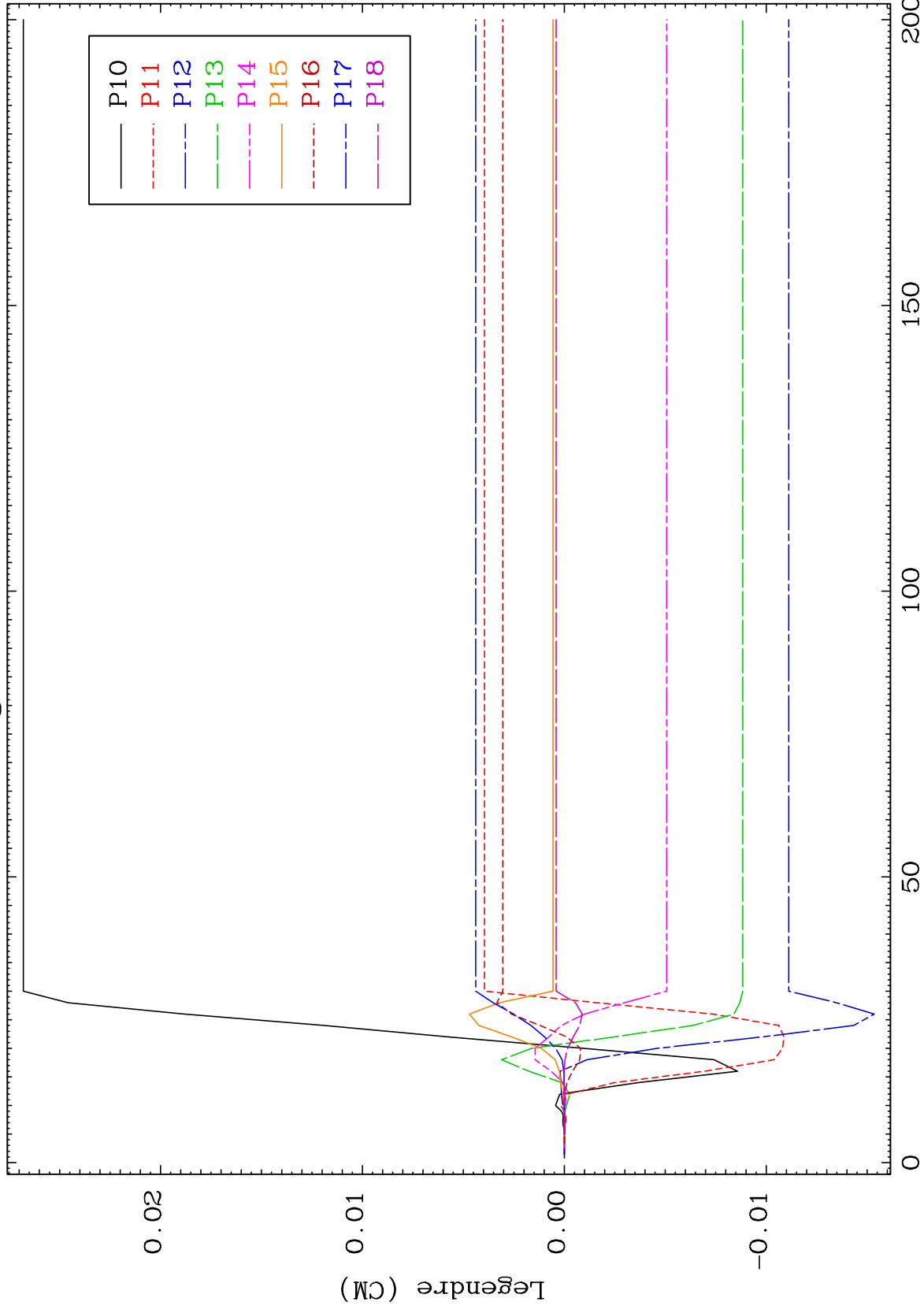
Incident Energy (MeV)

25

MAT 7671

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

77-Ir-173



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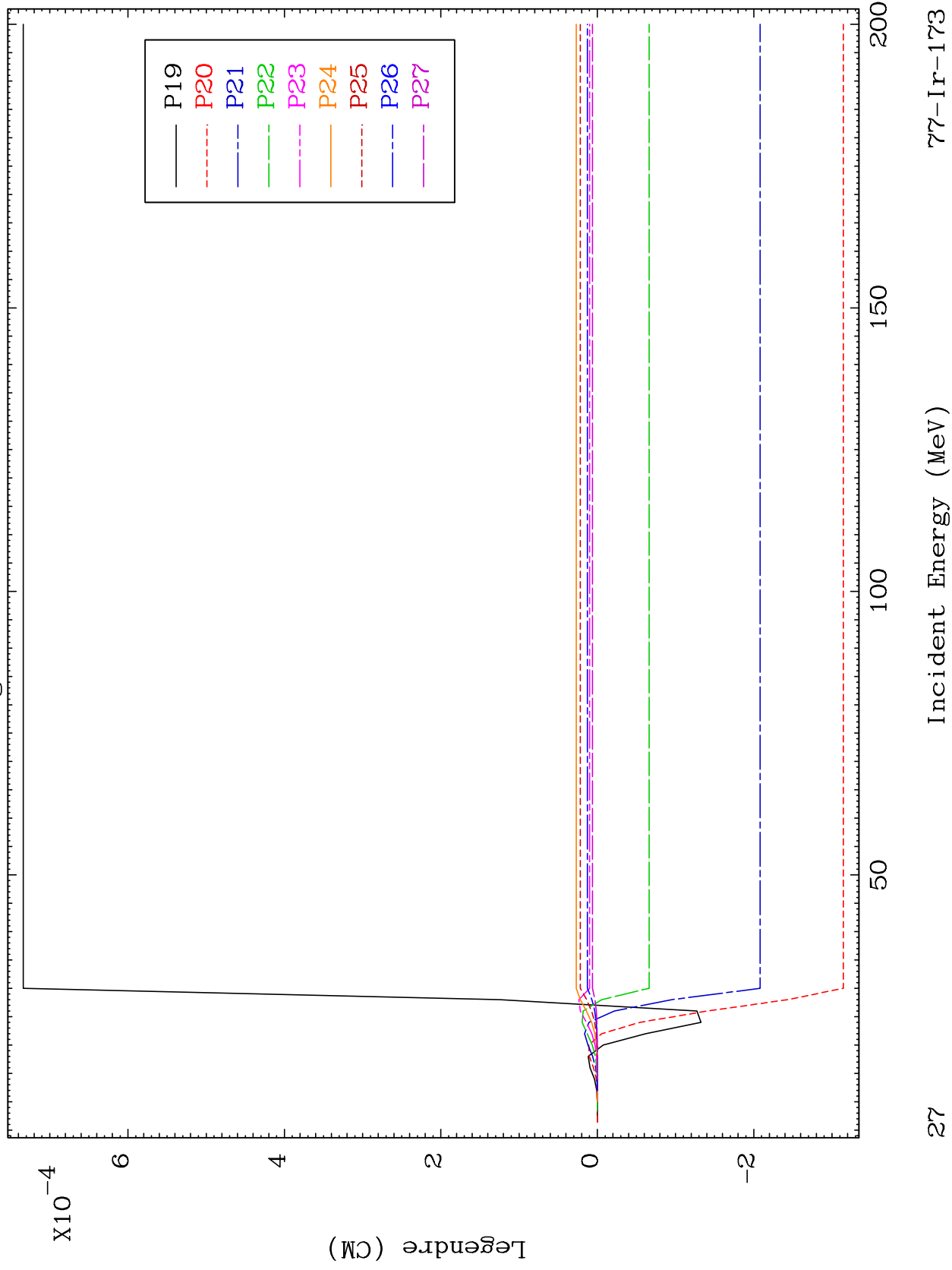
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

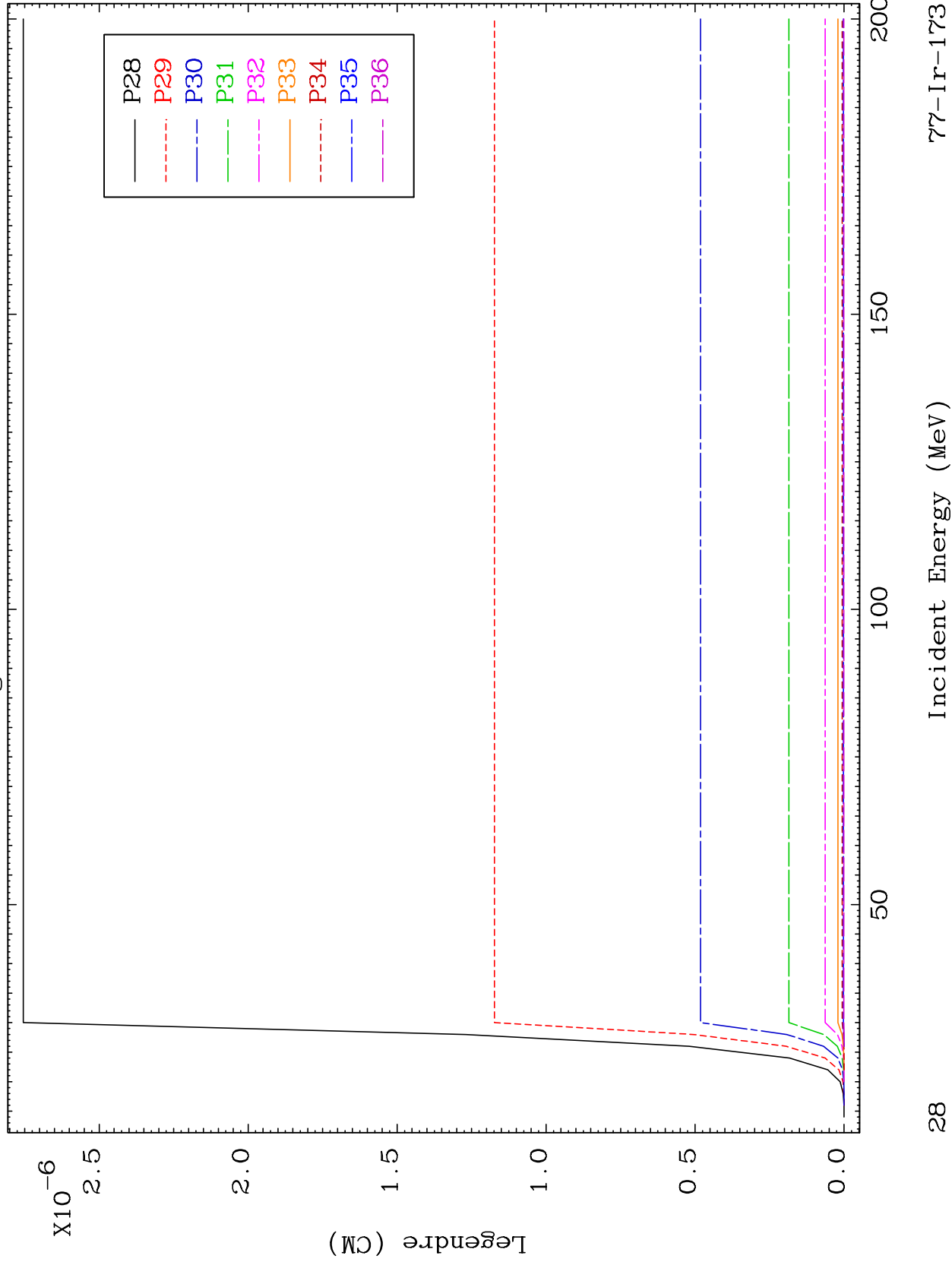
77-Ir-173



MAT 7671

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

77-Ir-173



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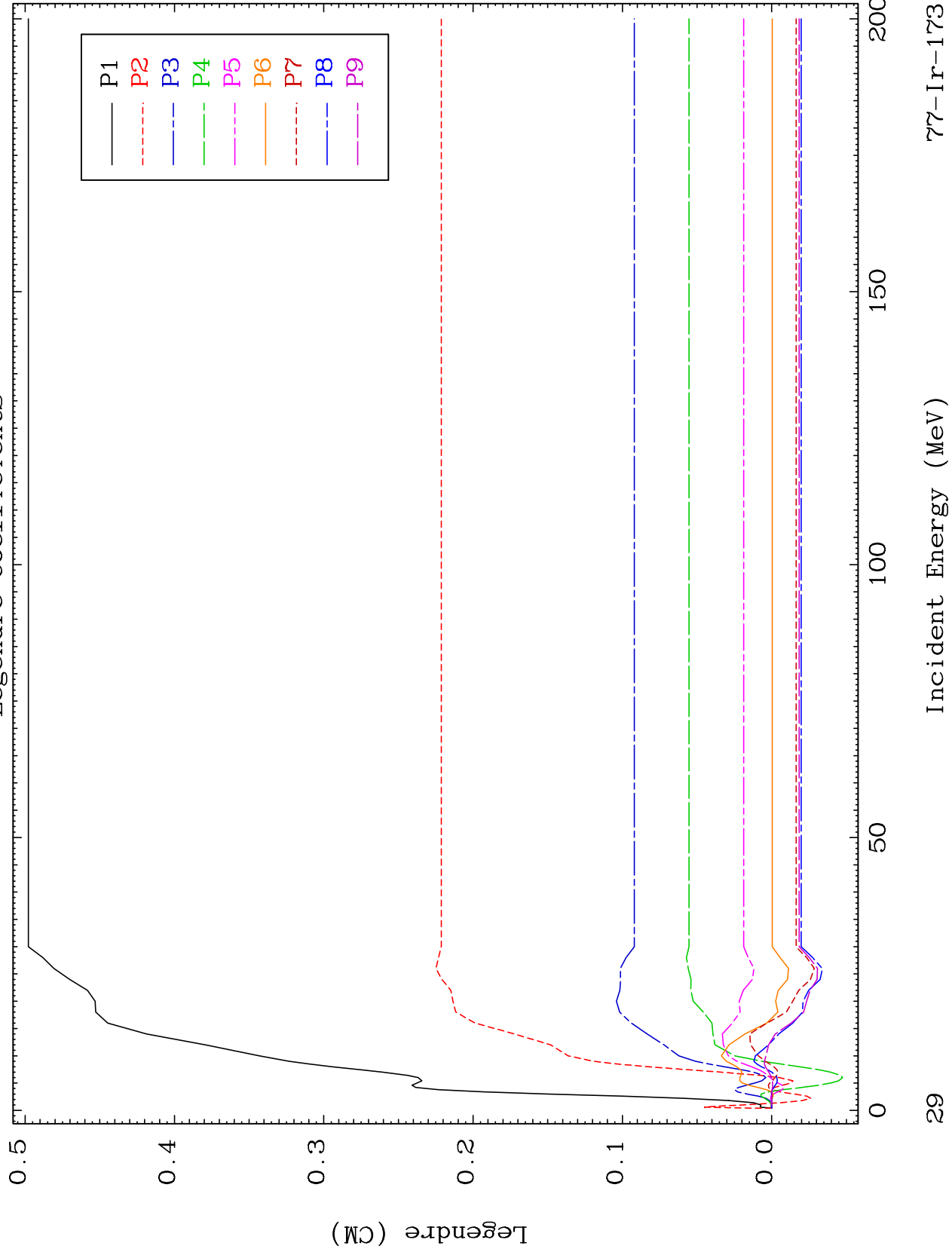
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



77-Ir-173

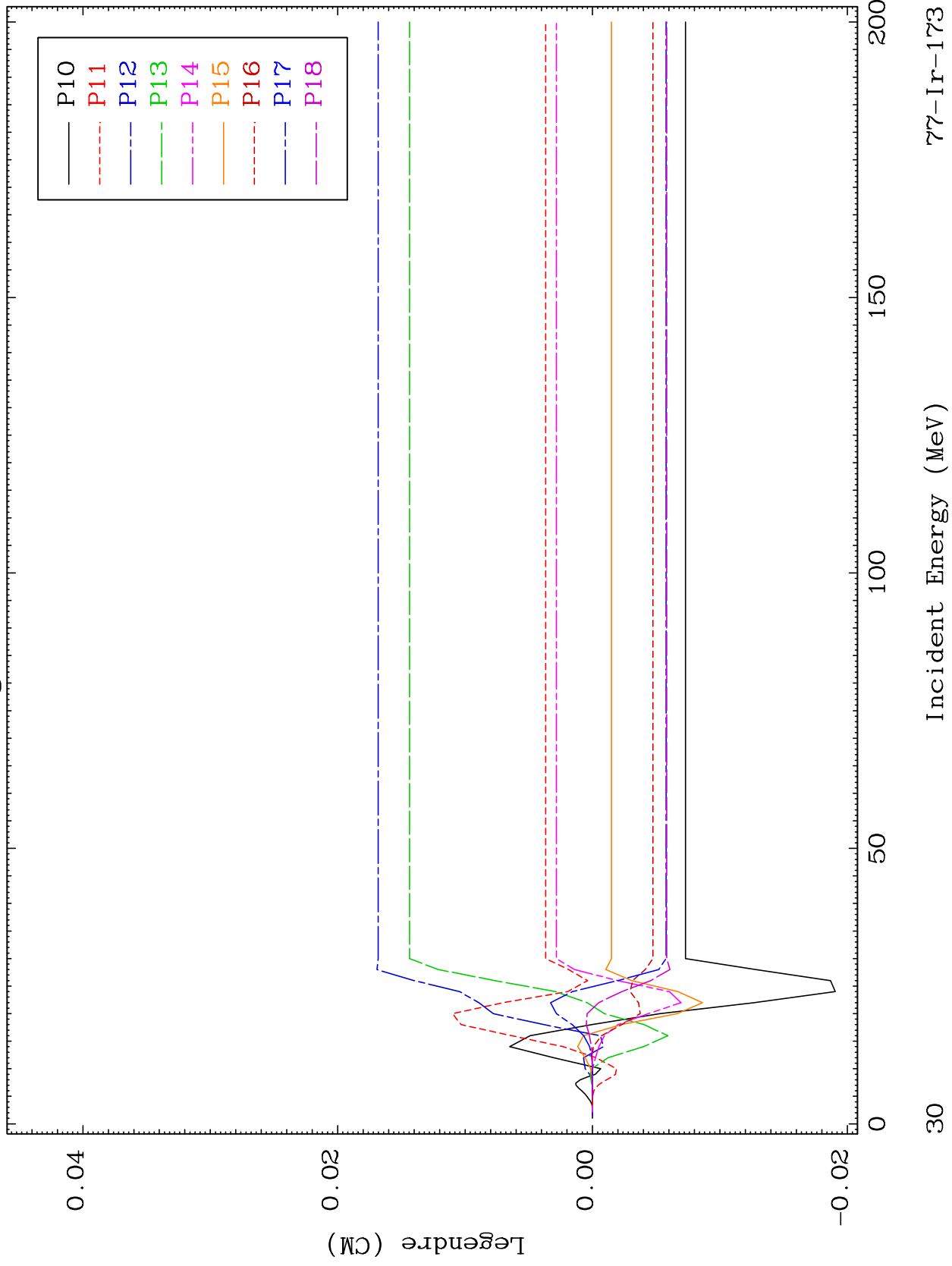
Incident Energy (MeV)

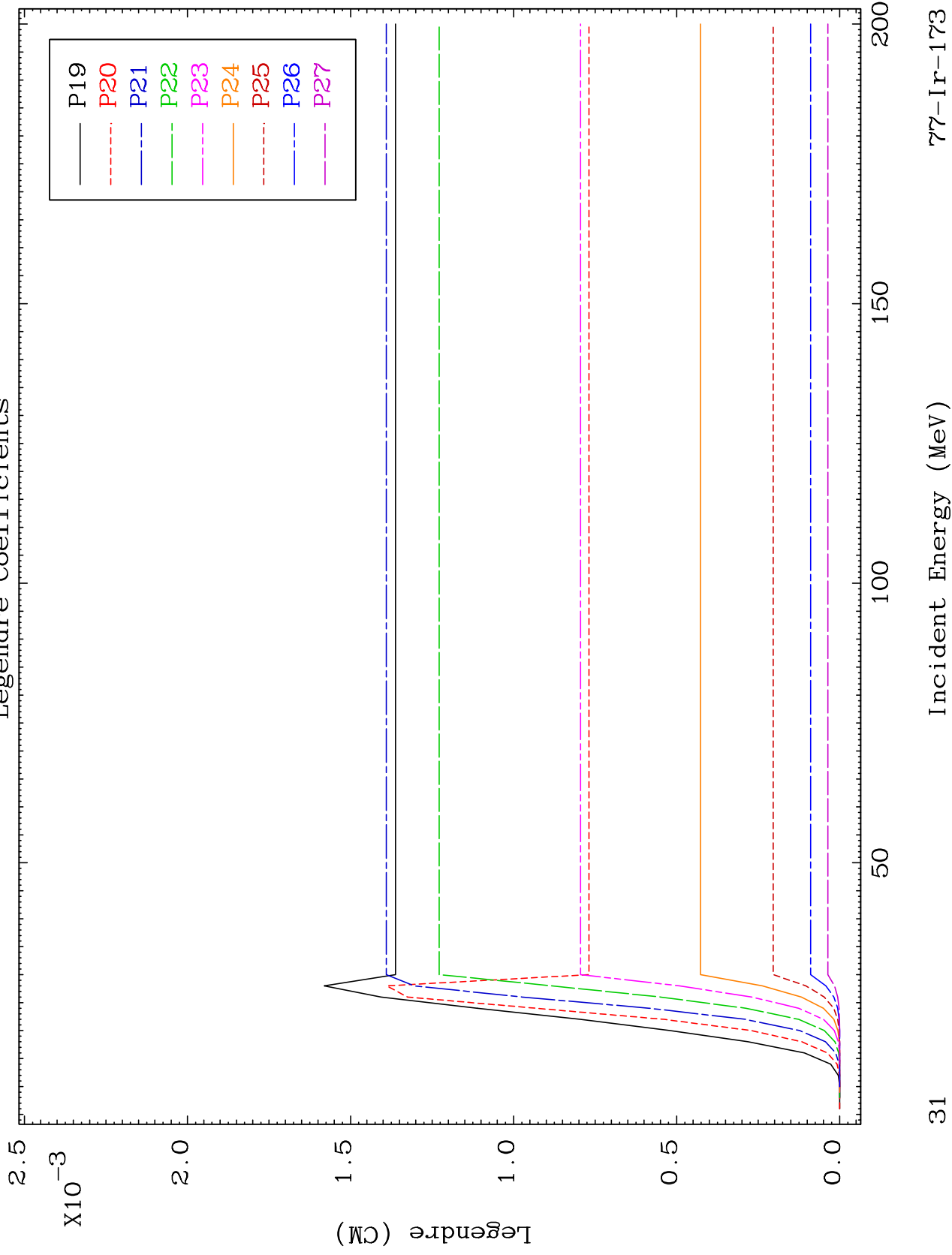
29

MAT 7671

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

77-Ir-173



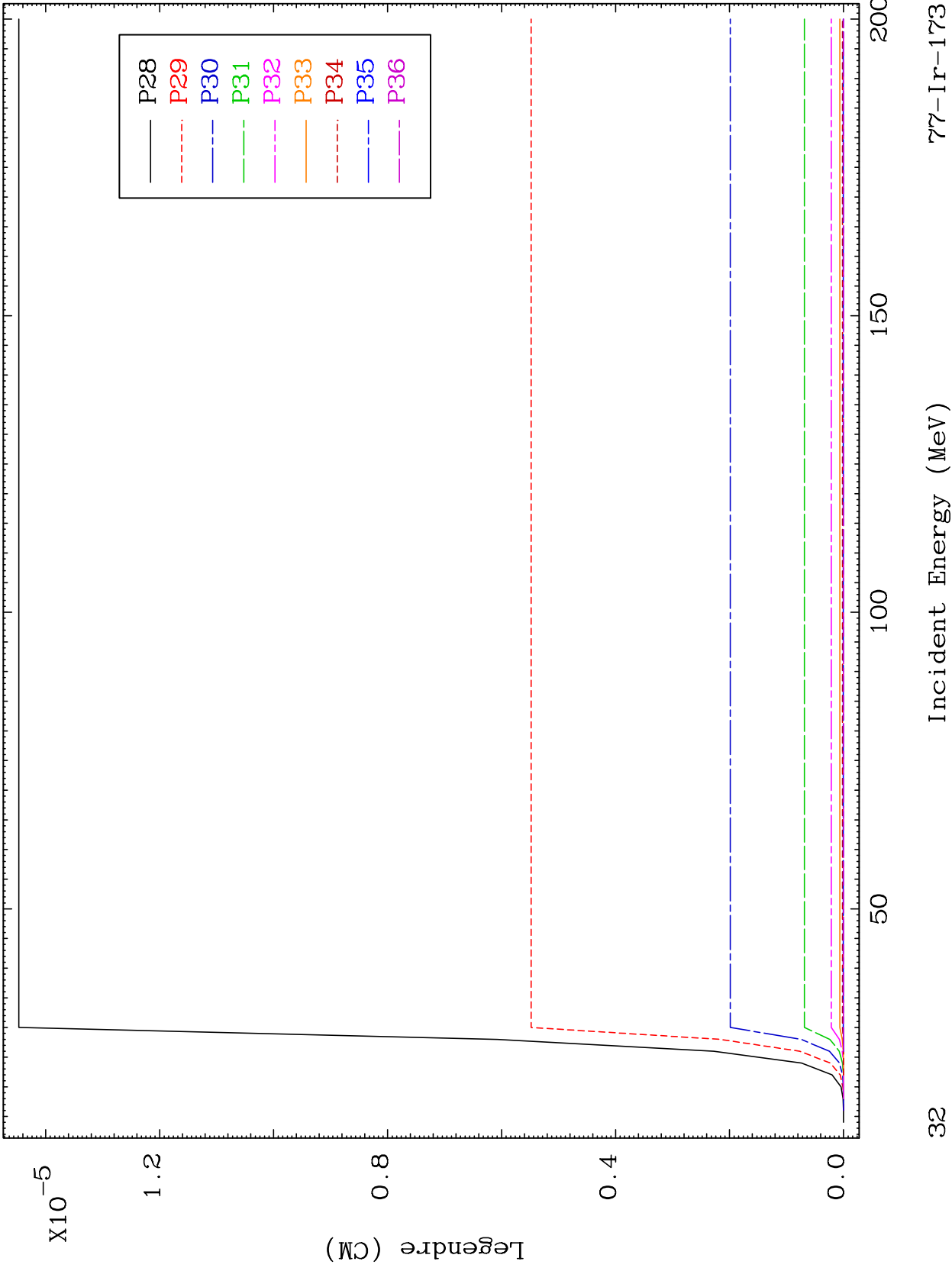




MAT 7671

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

77-Ir-173



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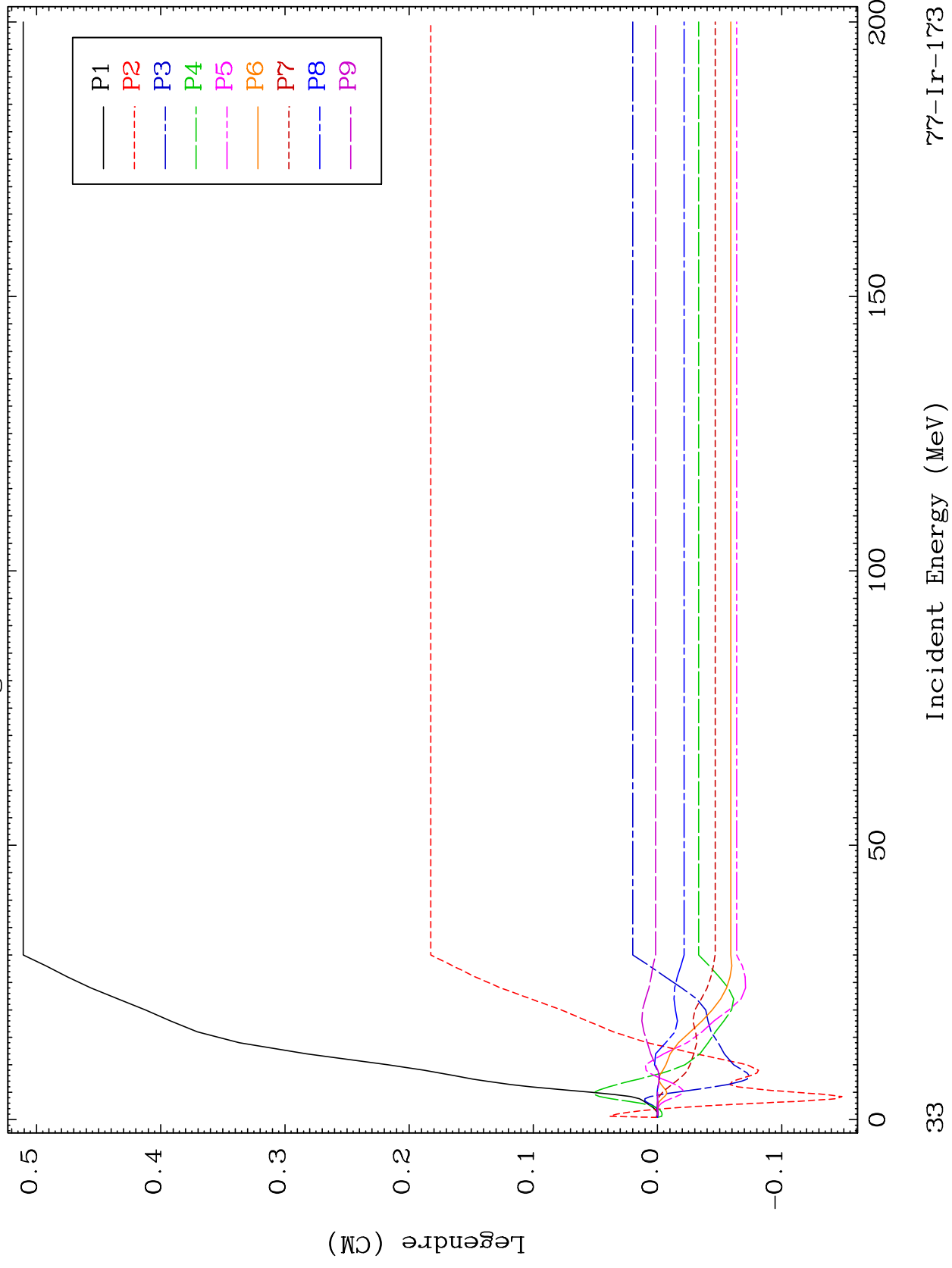
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



77-Ir-173

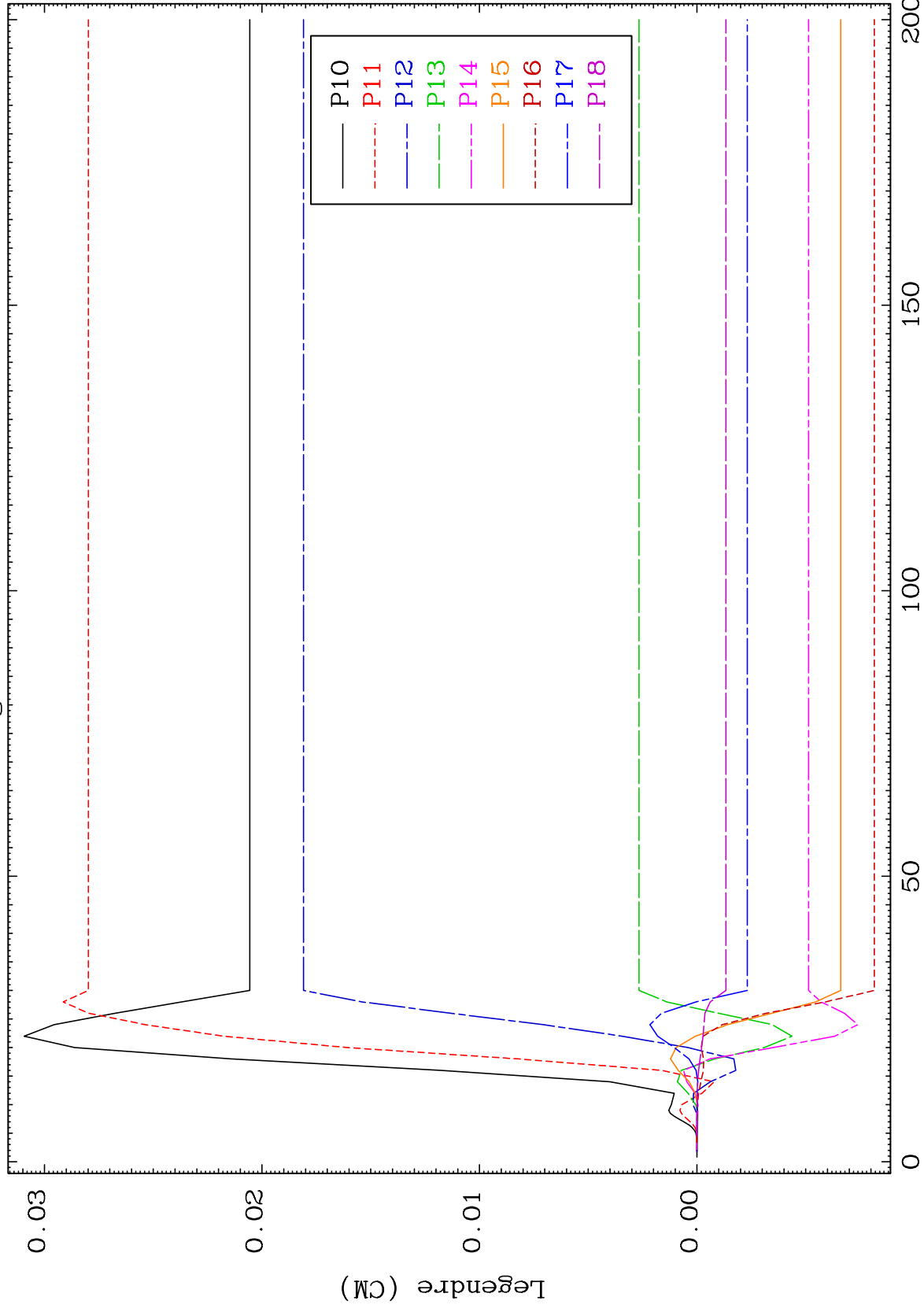
Incident Energy (MeV)

33

MAT 7671

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

77-Ir-173



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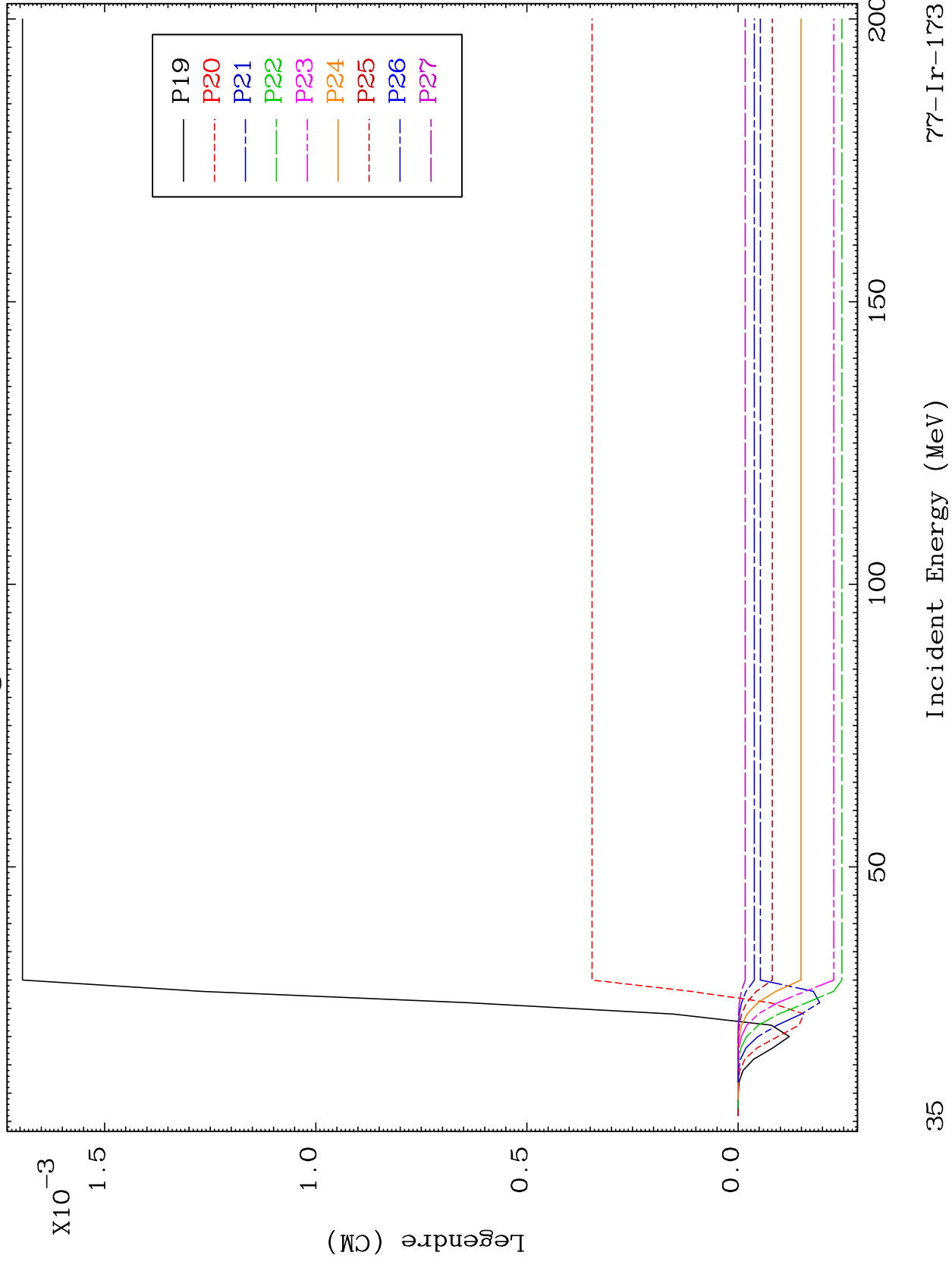
Incident Energy (MeV)

77-Ir-173

MAT 7671

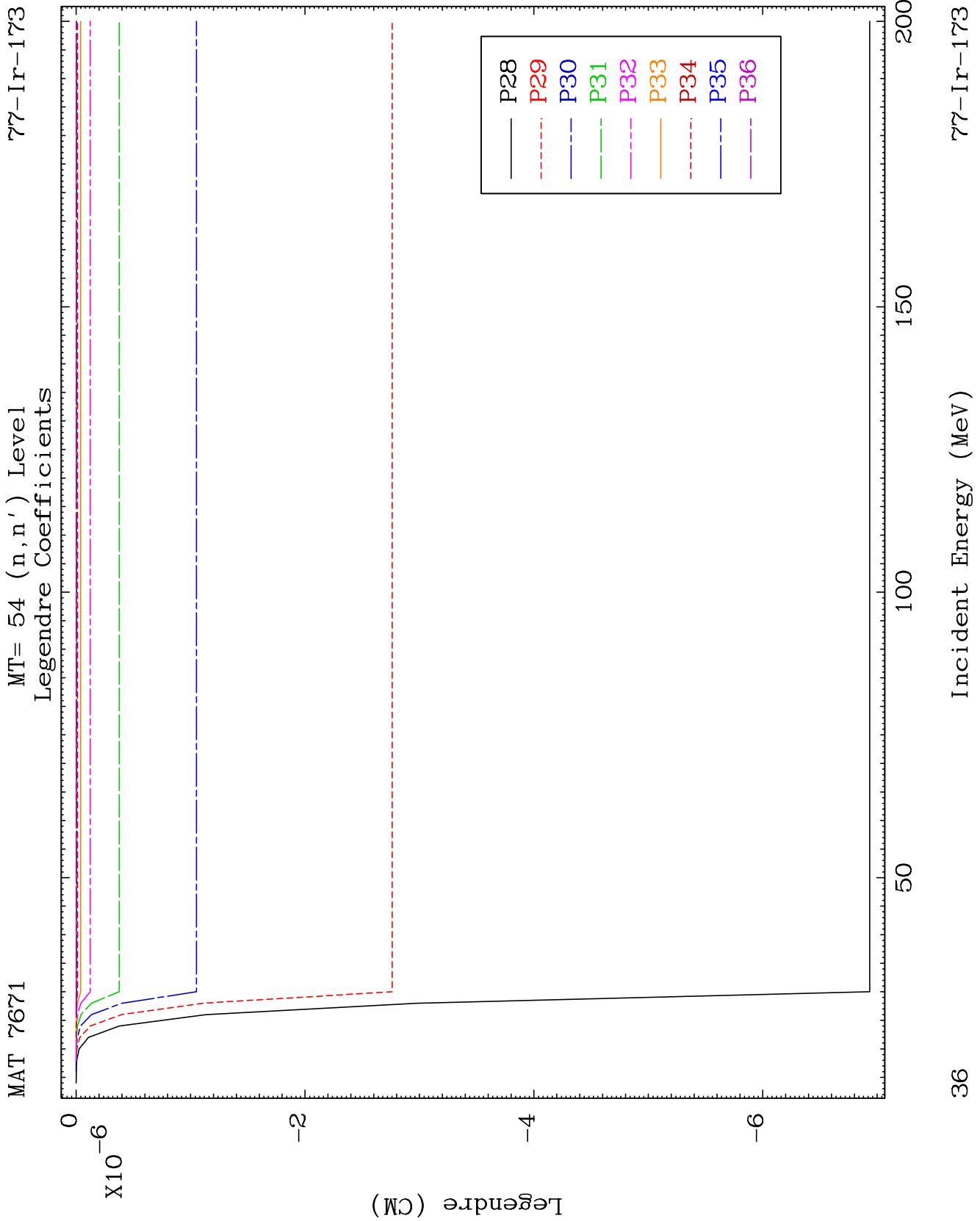
MT= 54 (n,n') Level  
Legendre Coefficients

77-Ir-173



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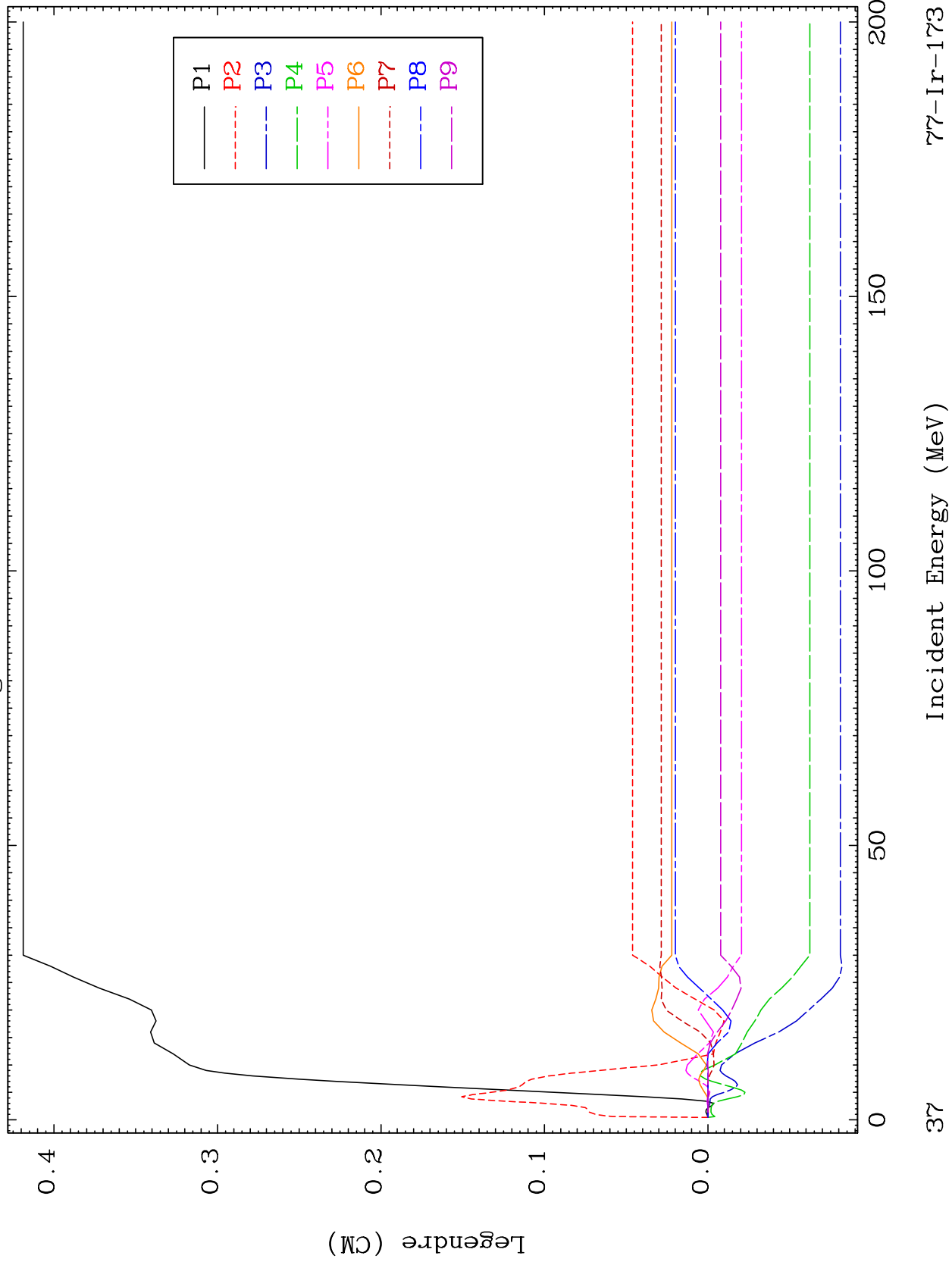
77-Ir-173



MAT 7671

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

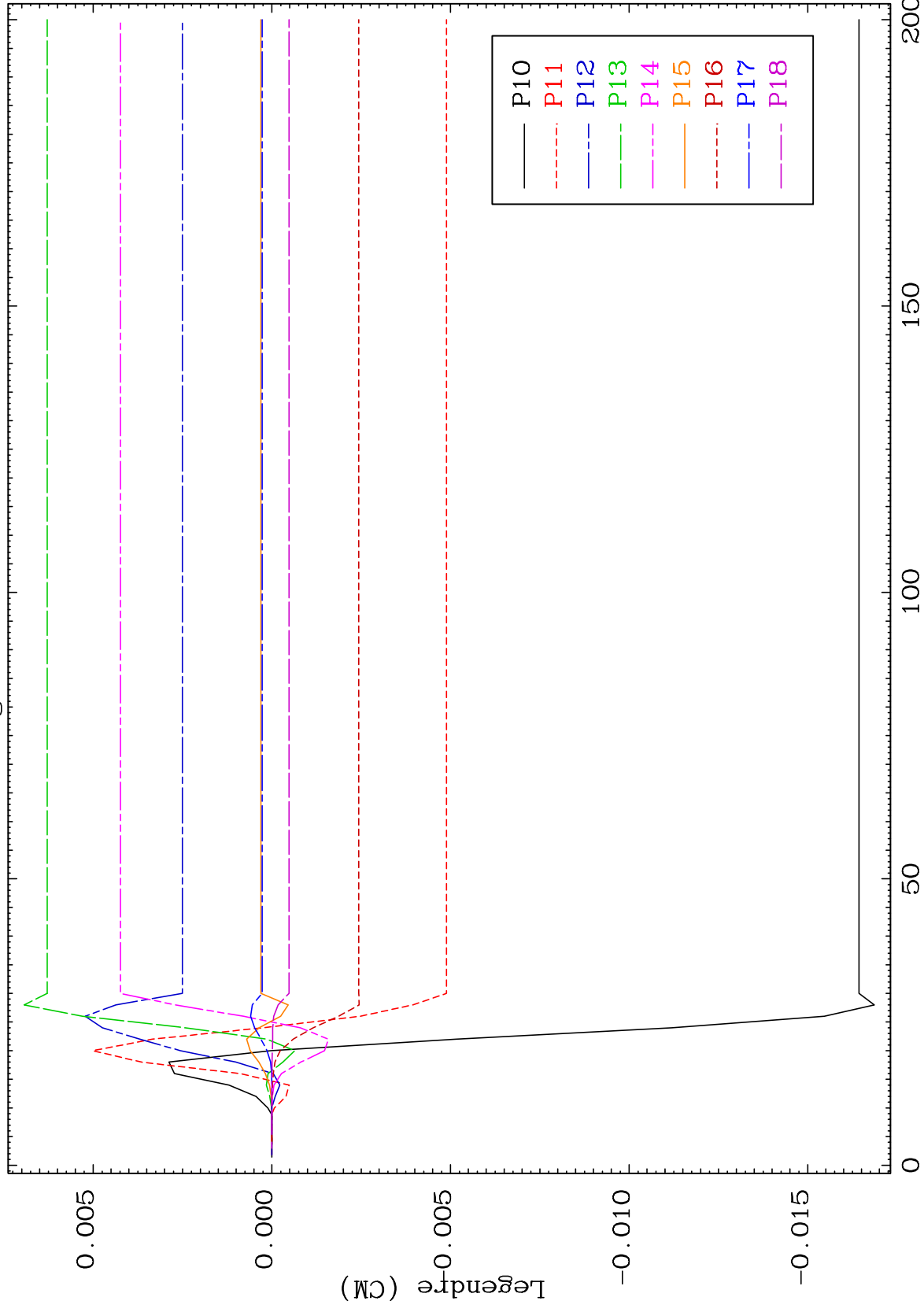
77-Ir-173



MAT 7671

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

77-Ir-173



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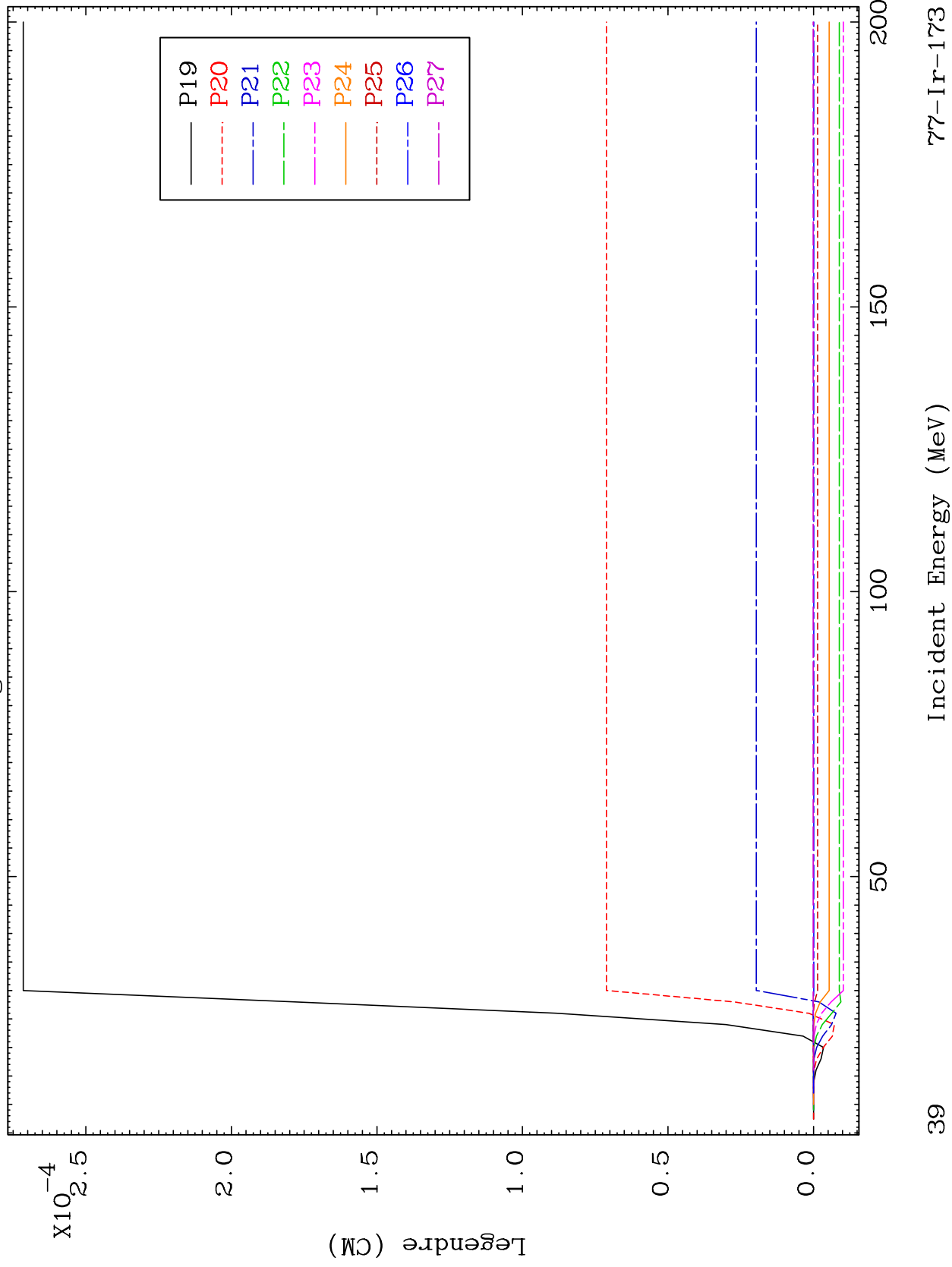
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



39

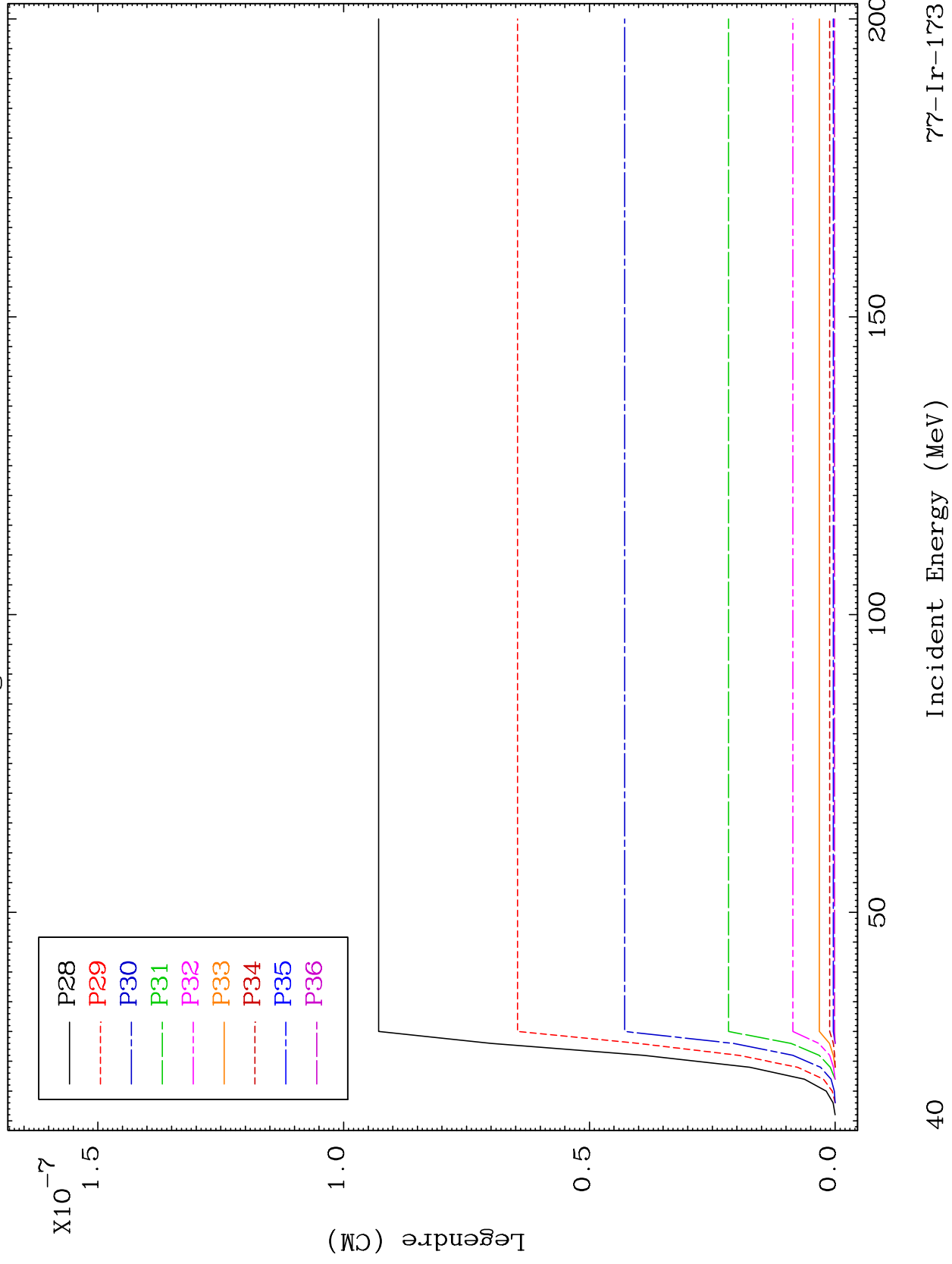
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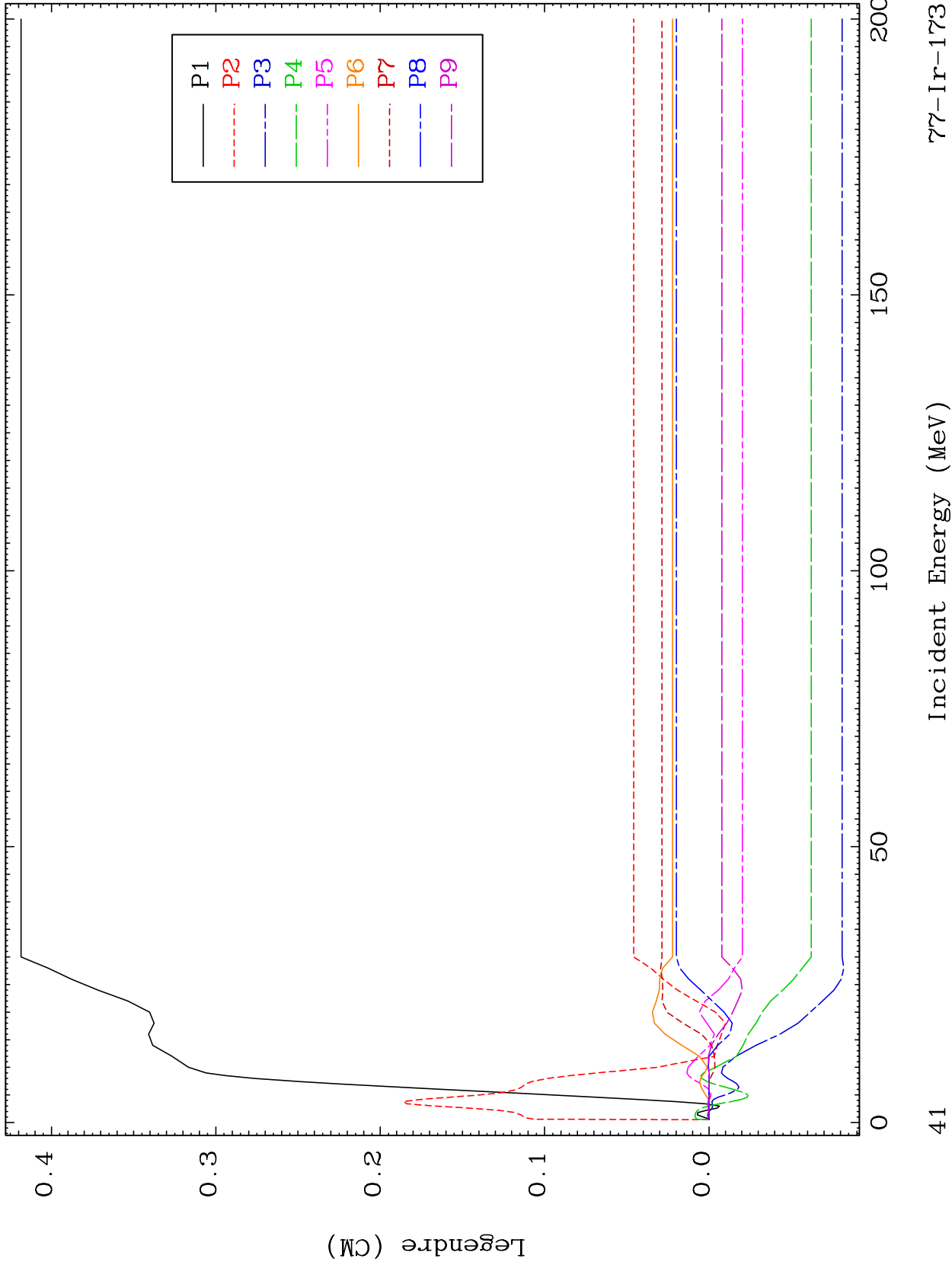


MAT 7671

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

77-Ir-173

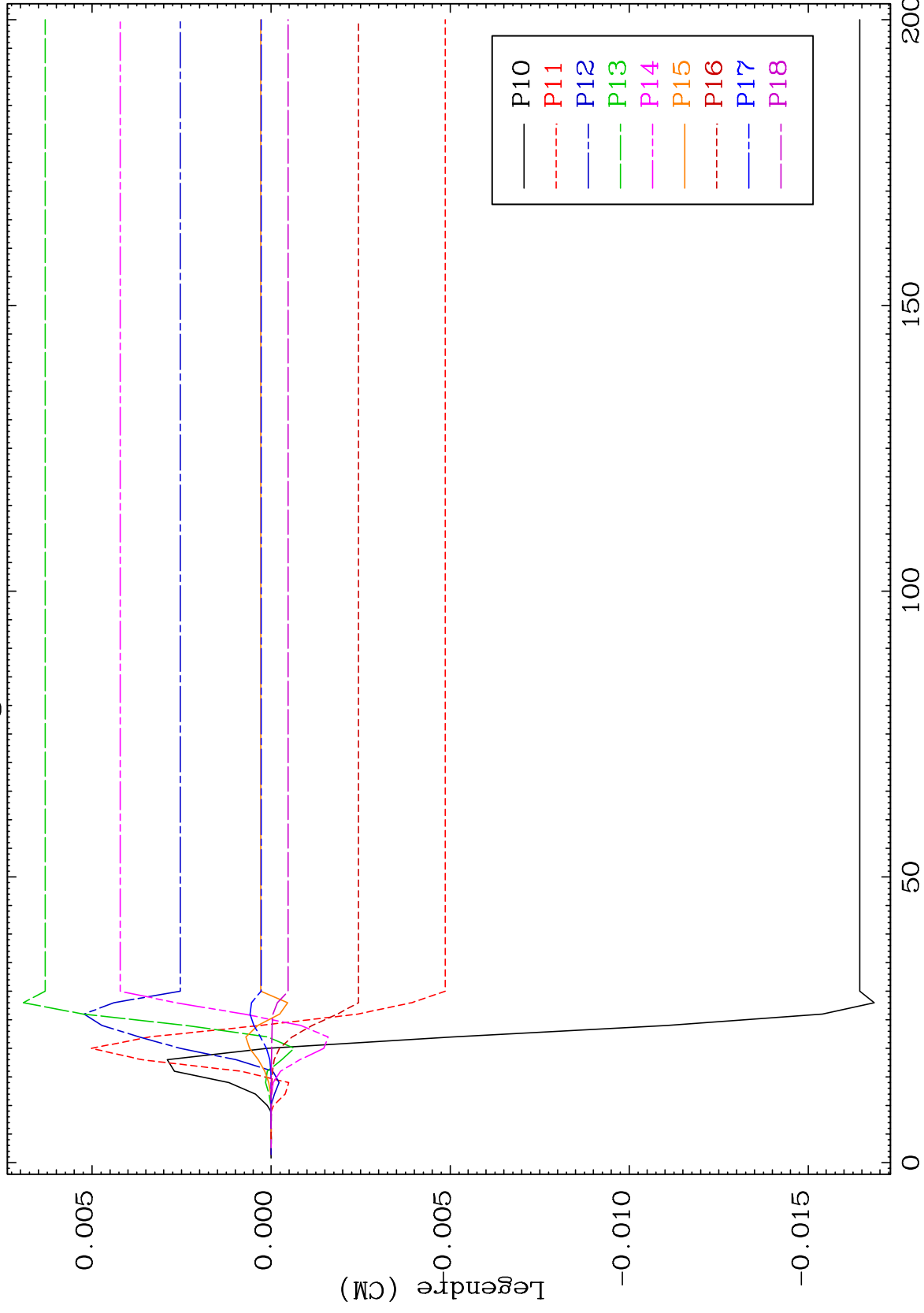




MAT 7671

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

77-Ir-173



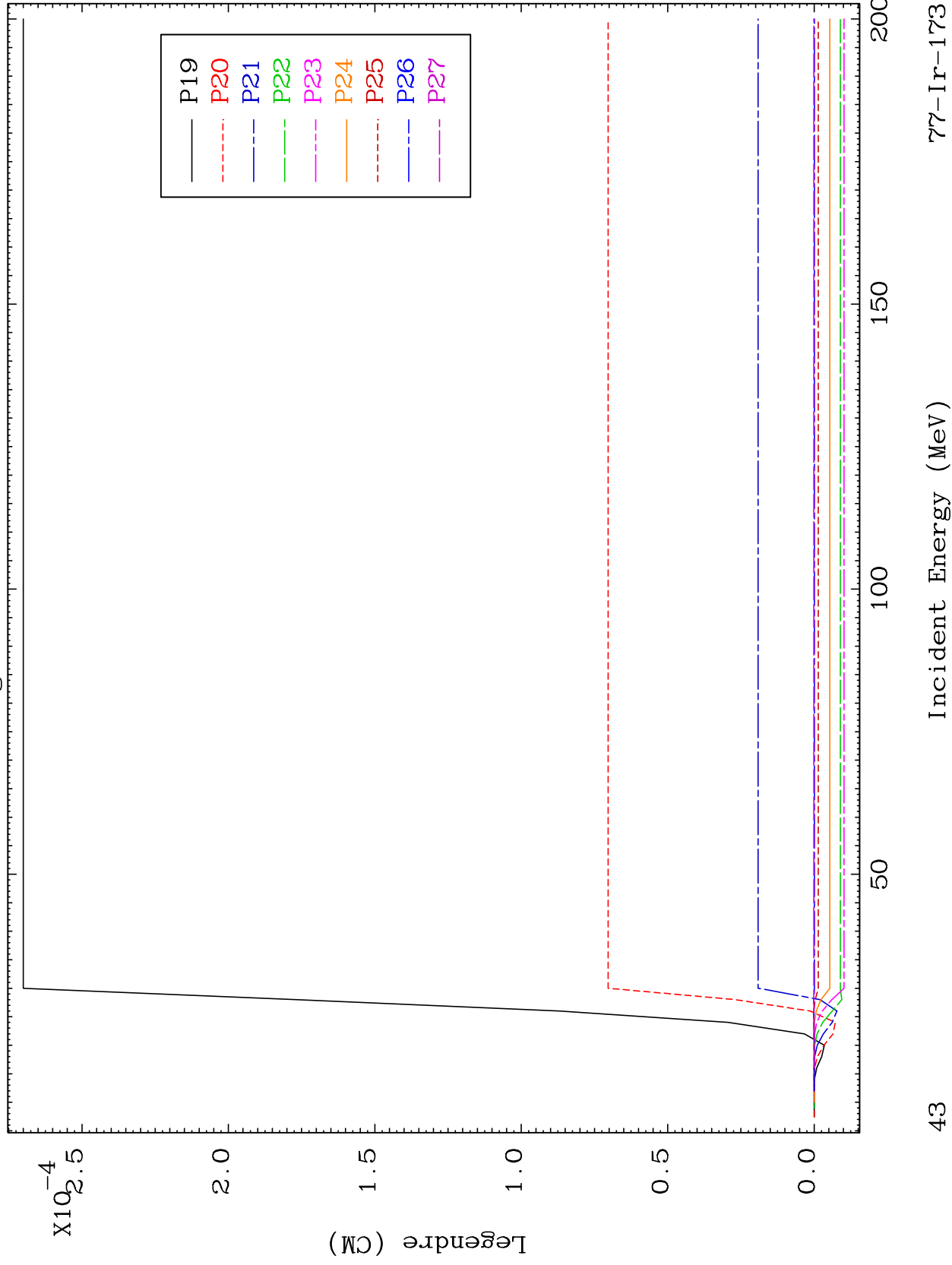
42

77-Ir-173

MAT 7671

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

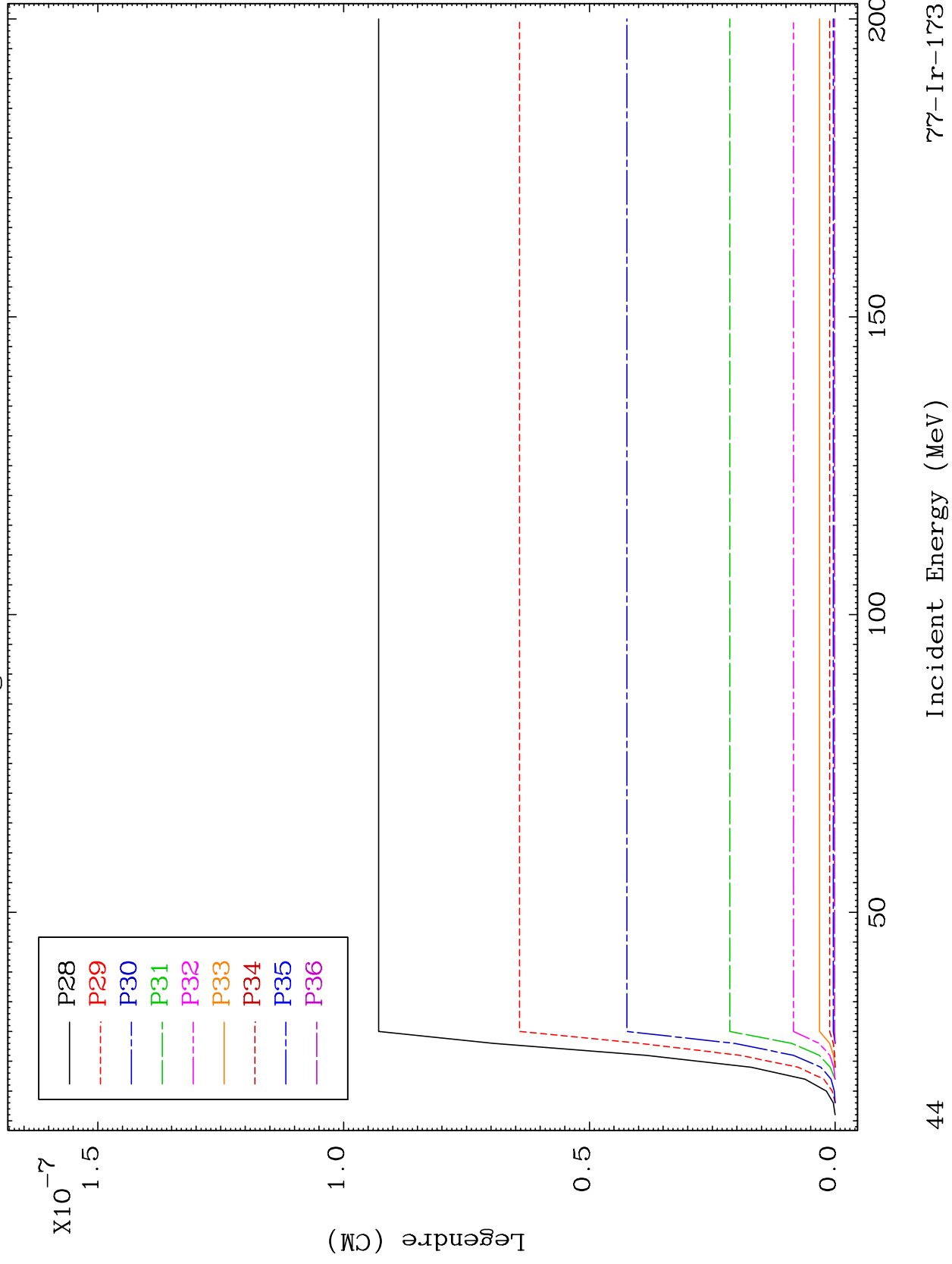
77-Ir-173



MAT 7671

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

77-Ir-173



44

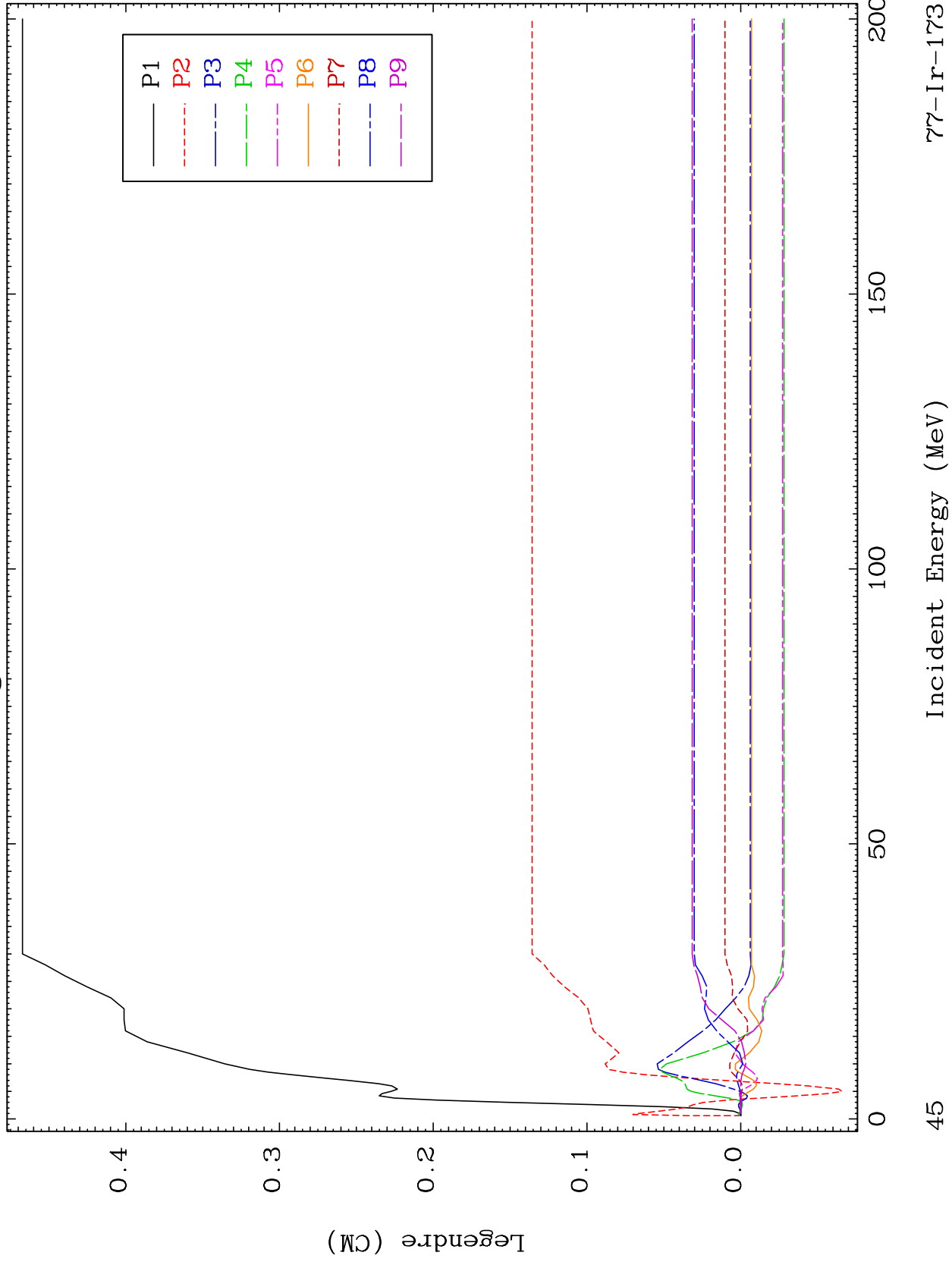
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



77-Ir-173

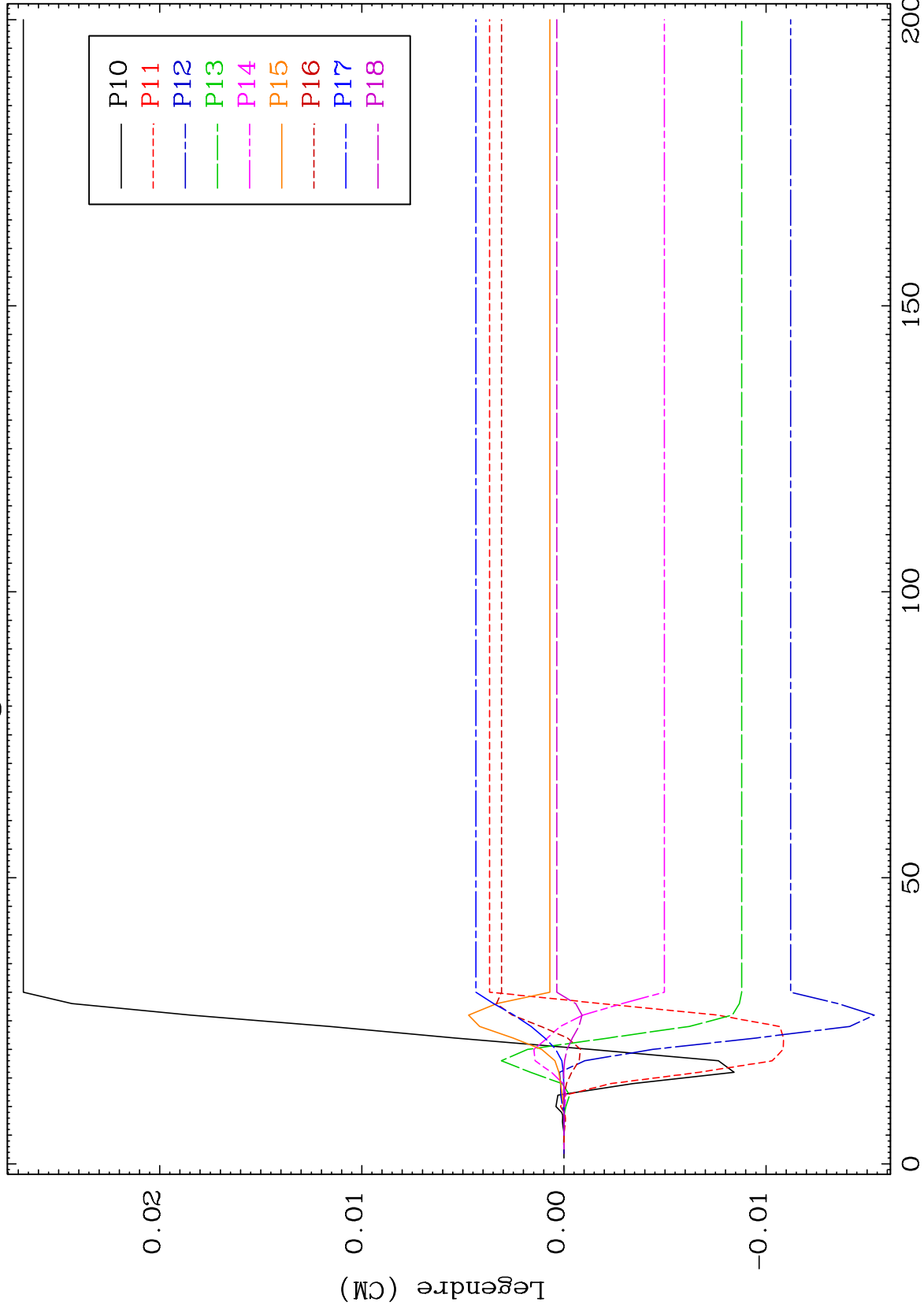
Incident Energy (MeV)

45

MAT 7671

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

77-Ir-173



46

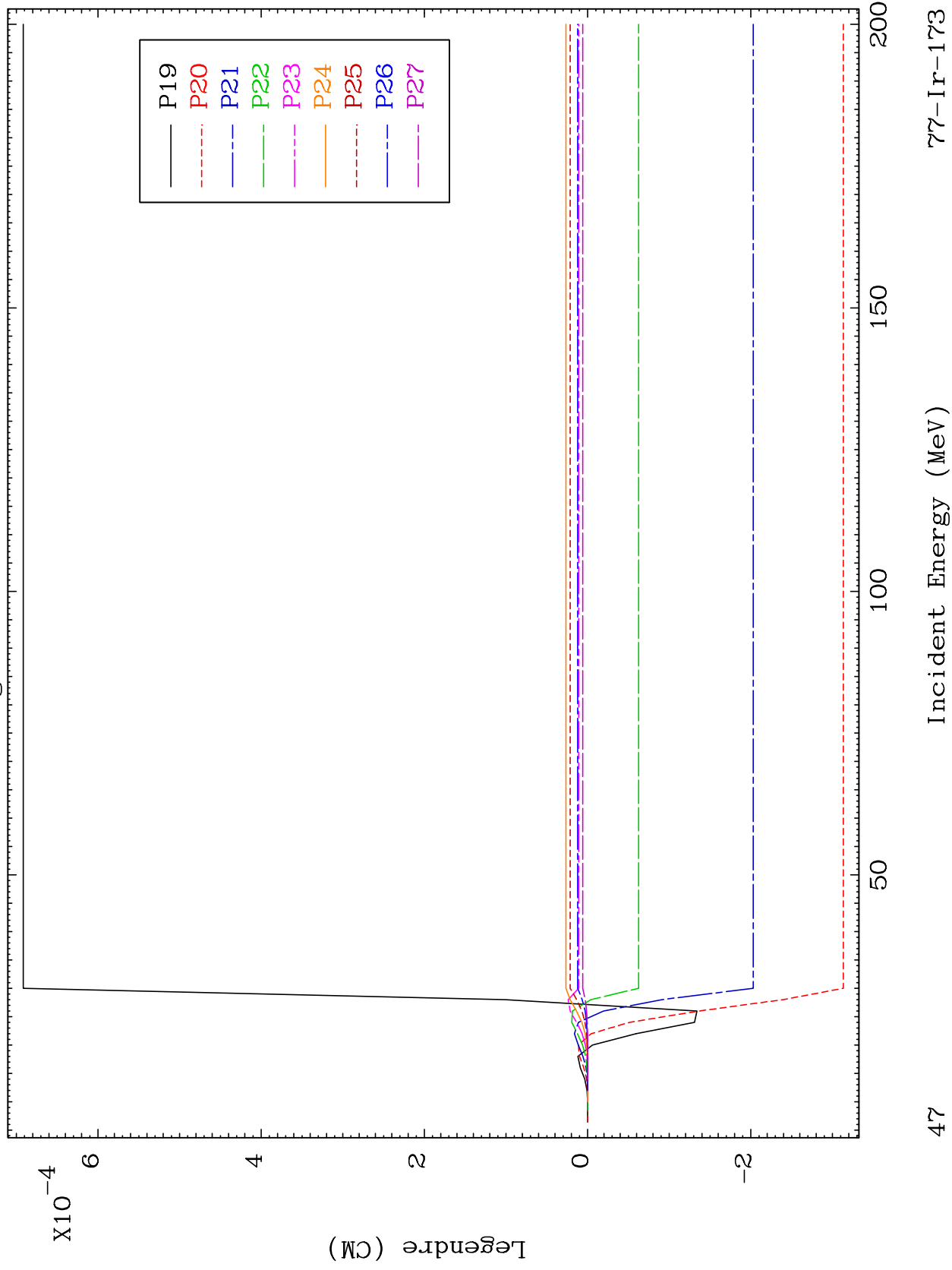
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173

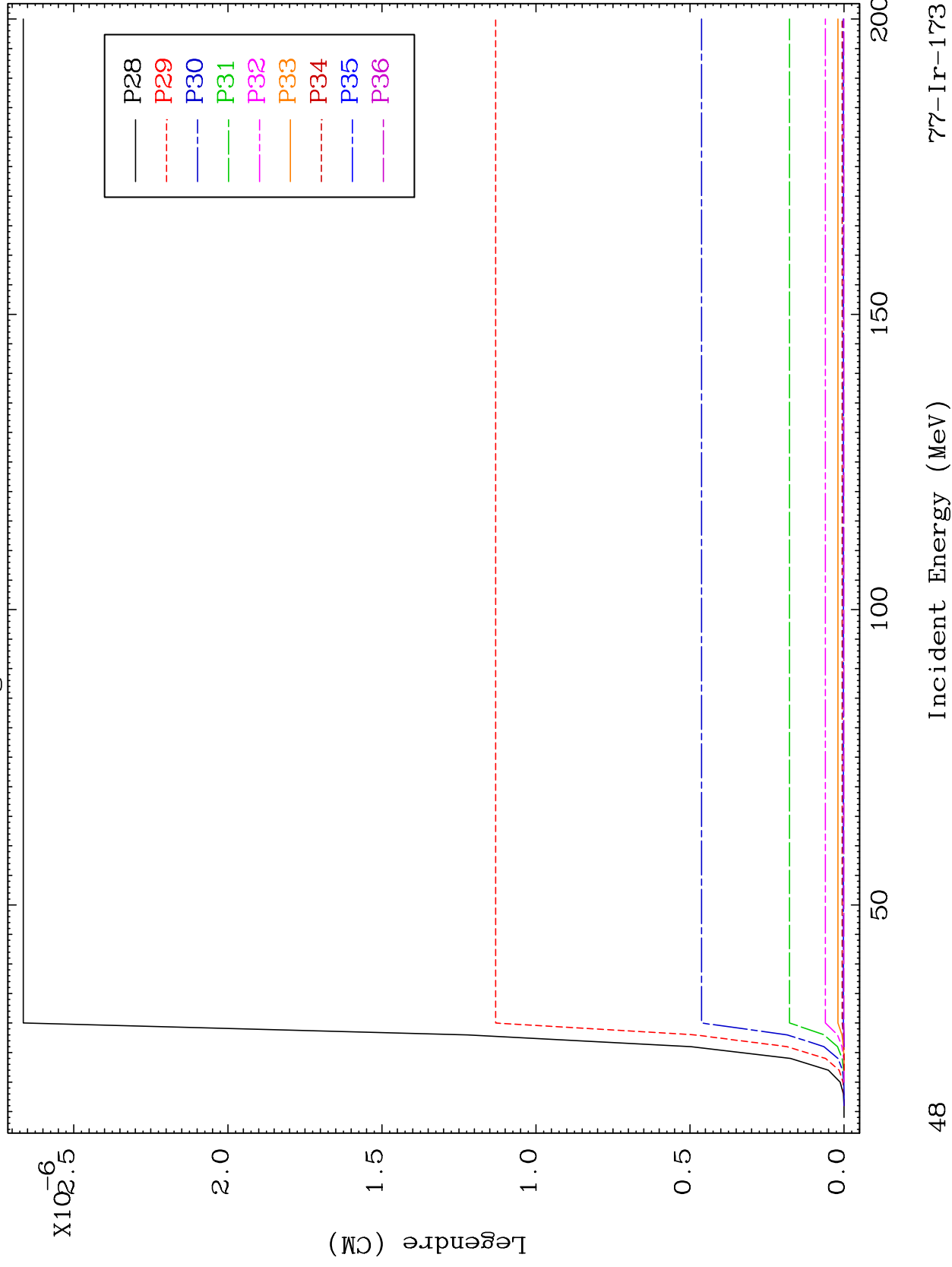




MAT 7671

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

77-Ir-173



48

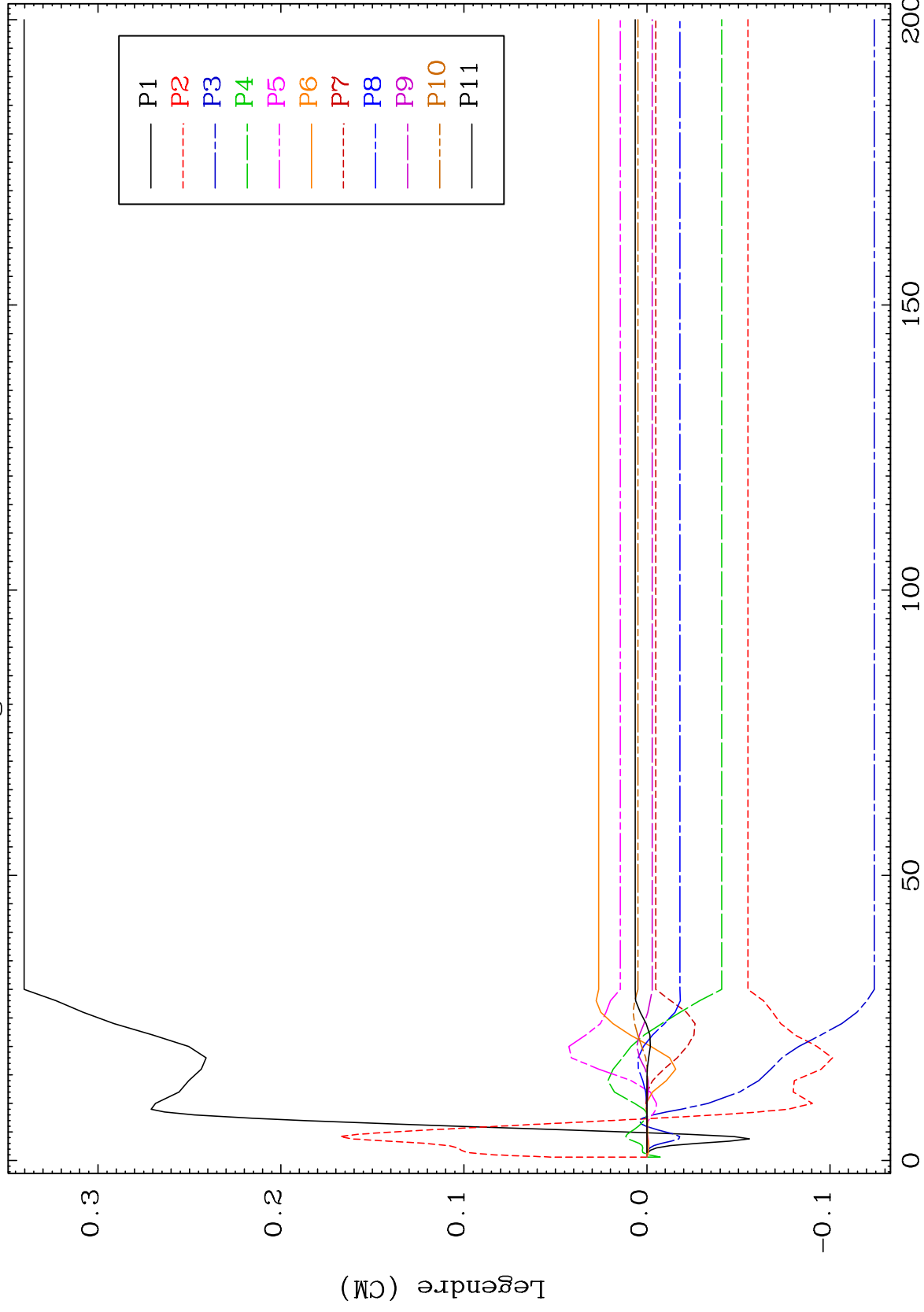
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



49

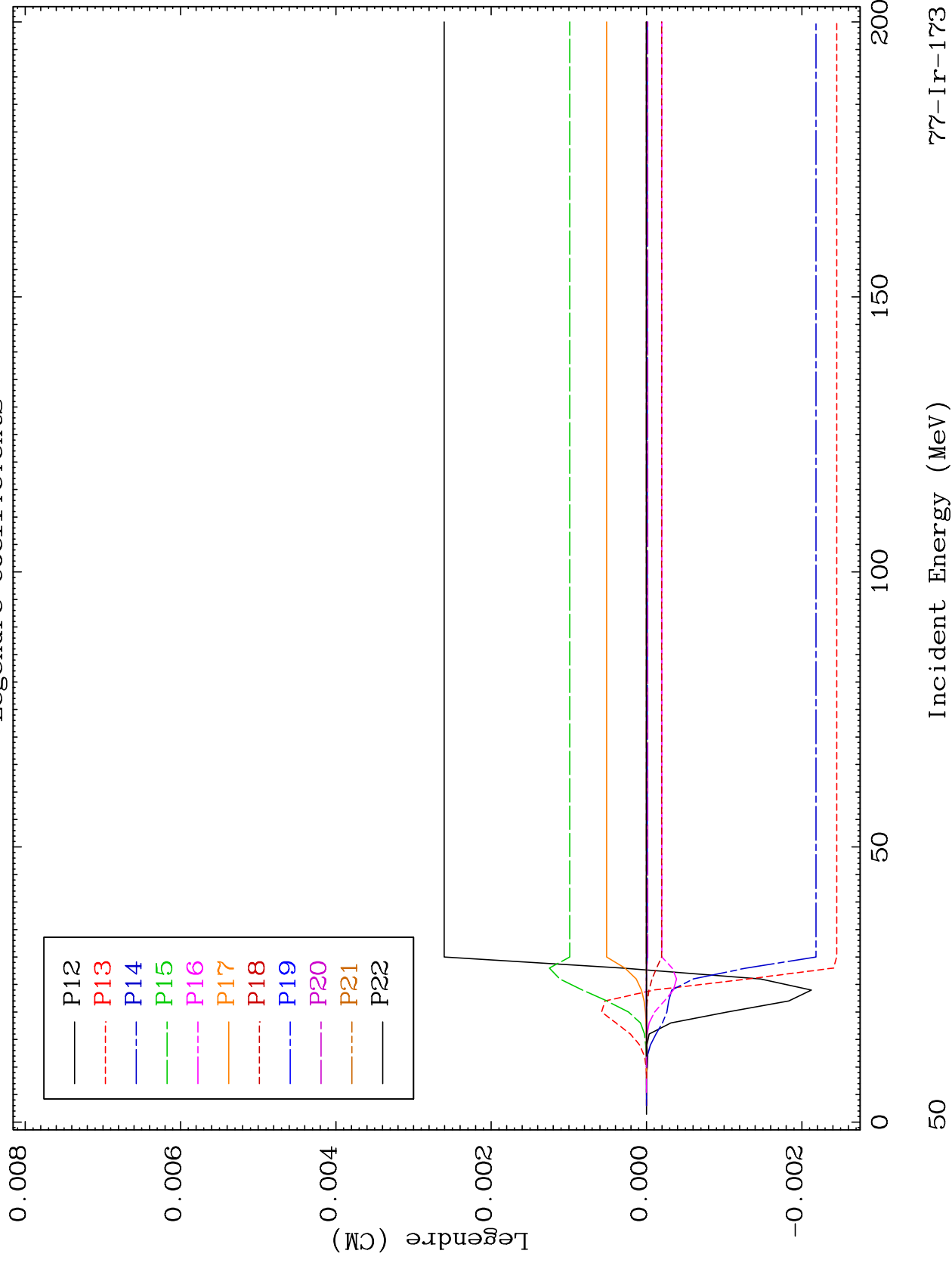
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



77-Ir-173

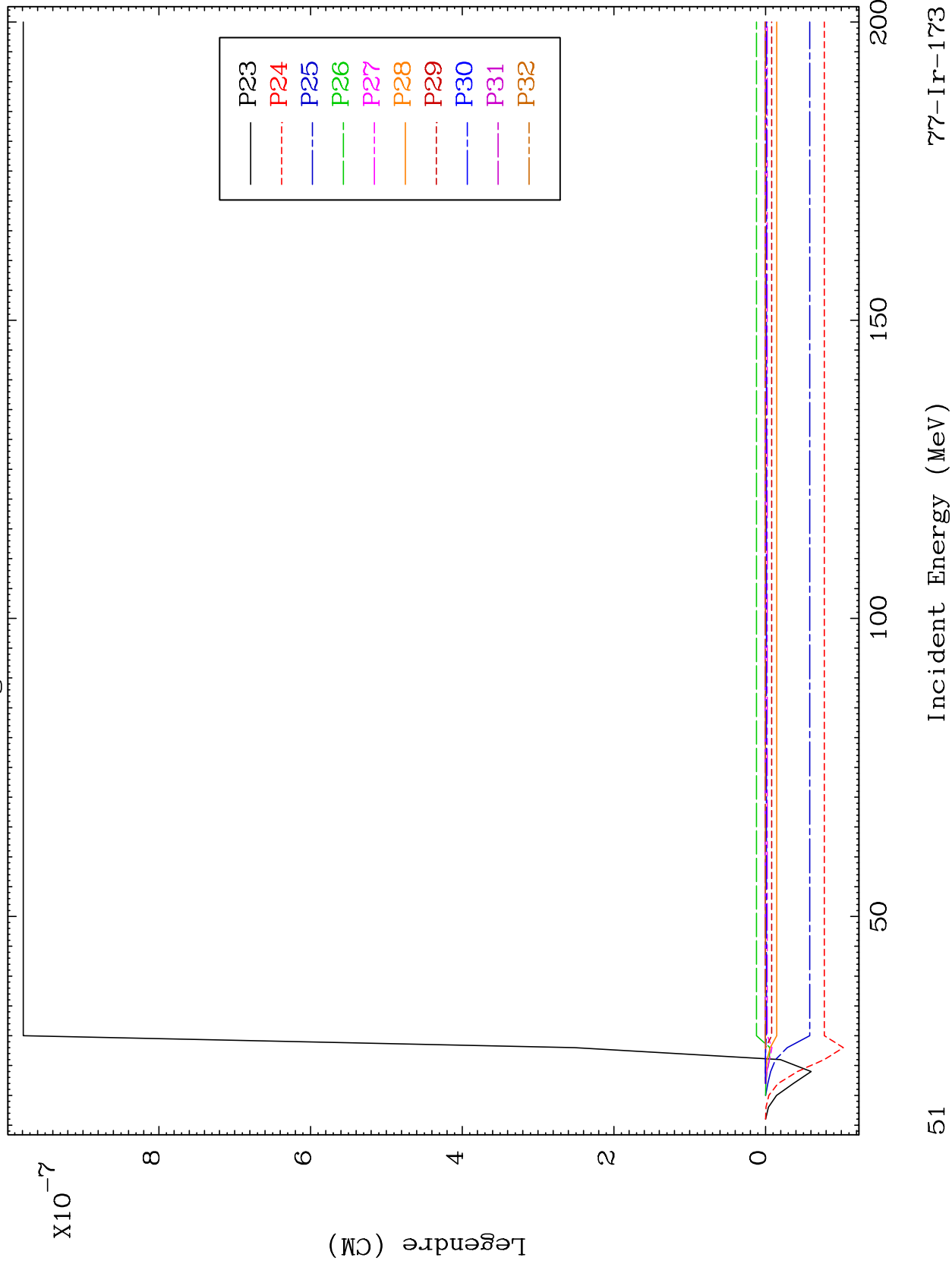
Incident Energy (MeV)

50

MAT 7671

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

77-Ir-173



51

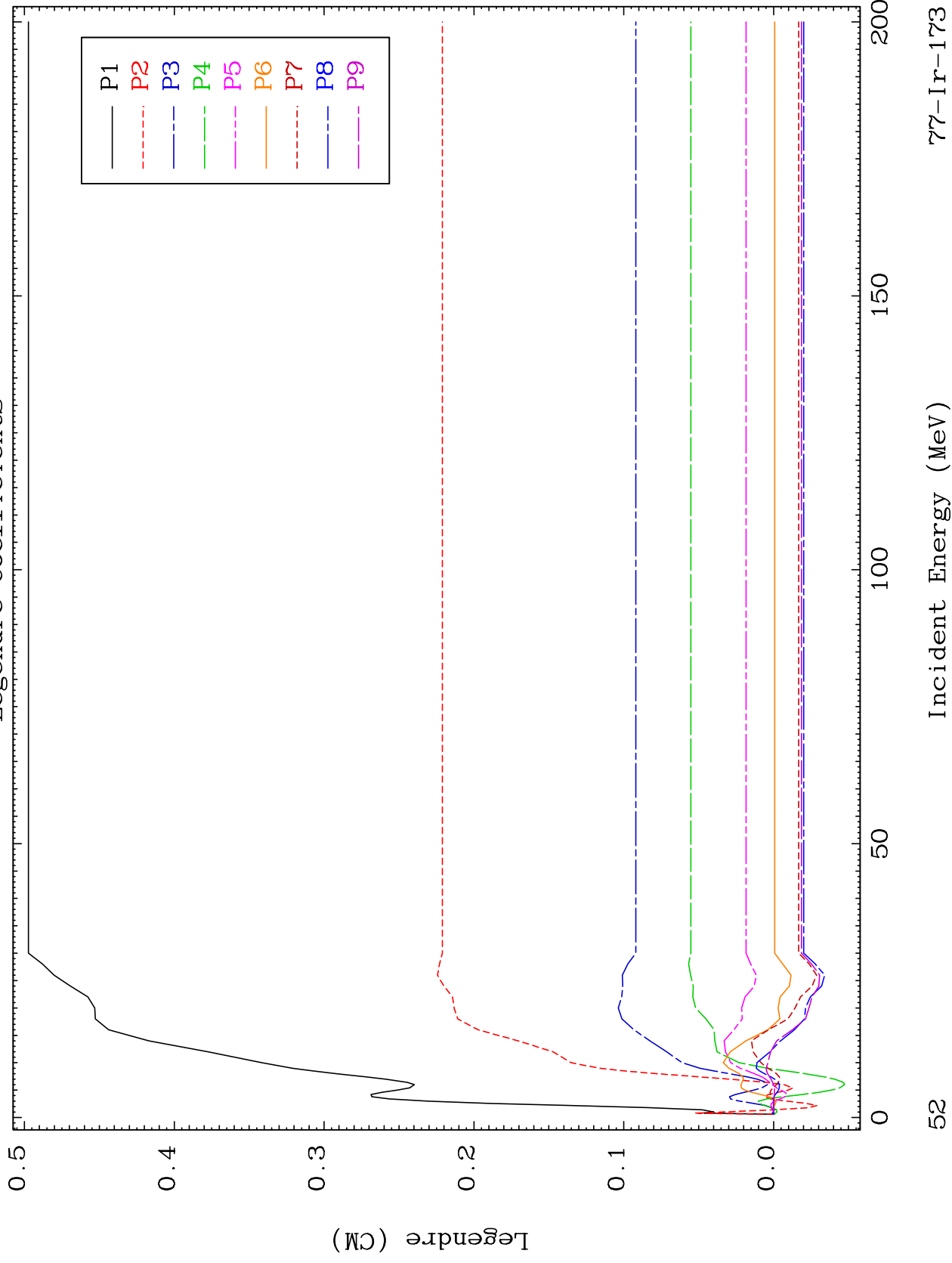
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



52

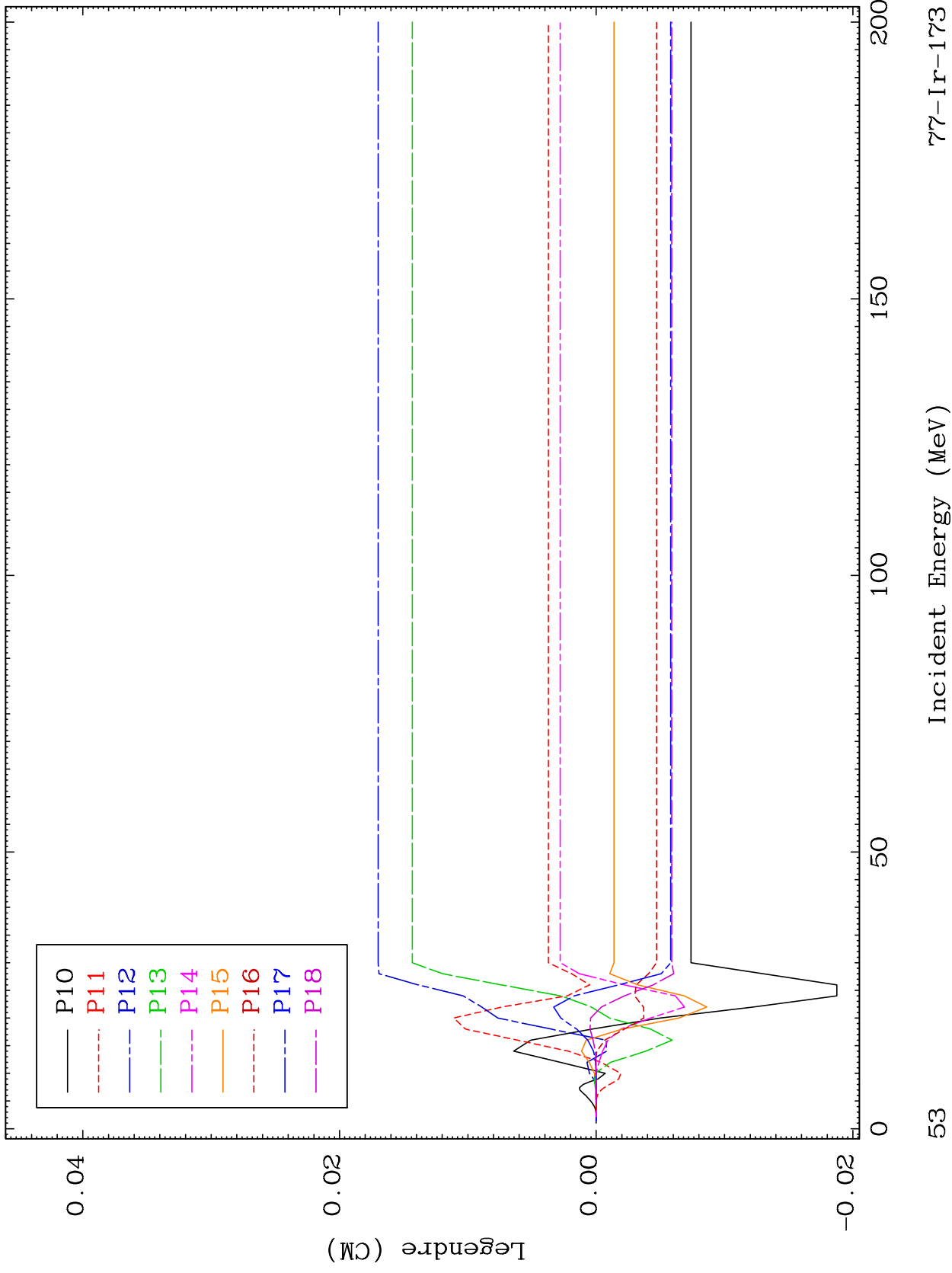
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



53

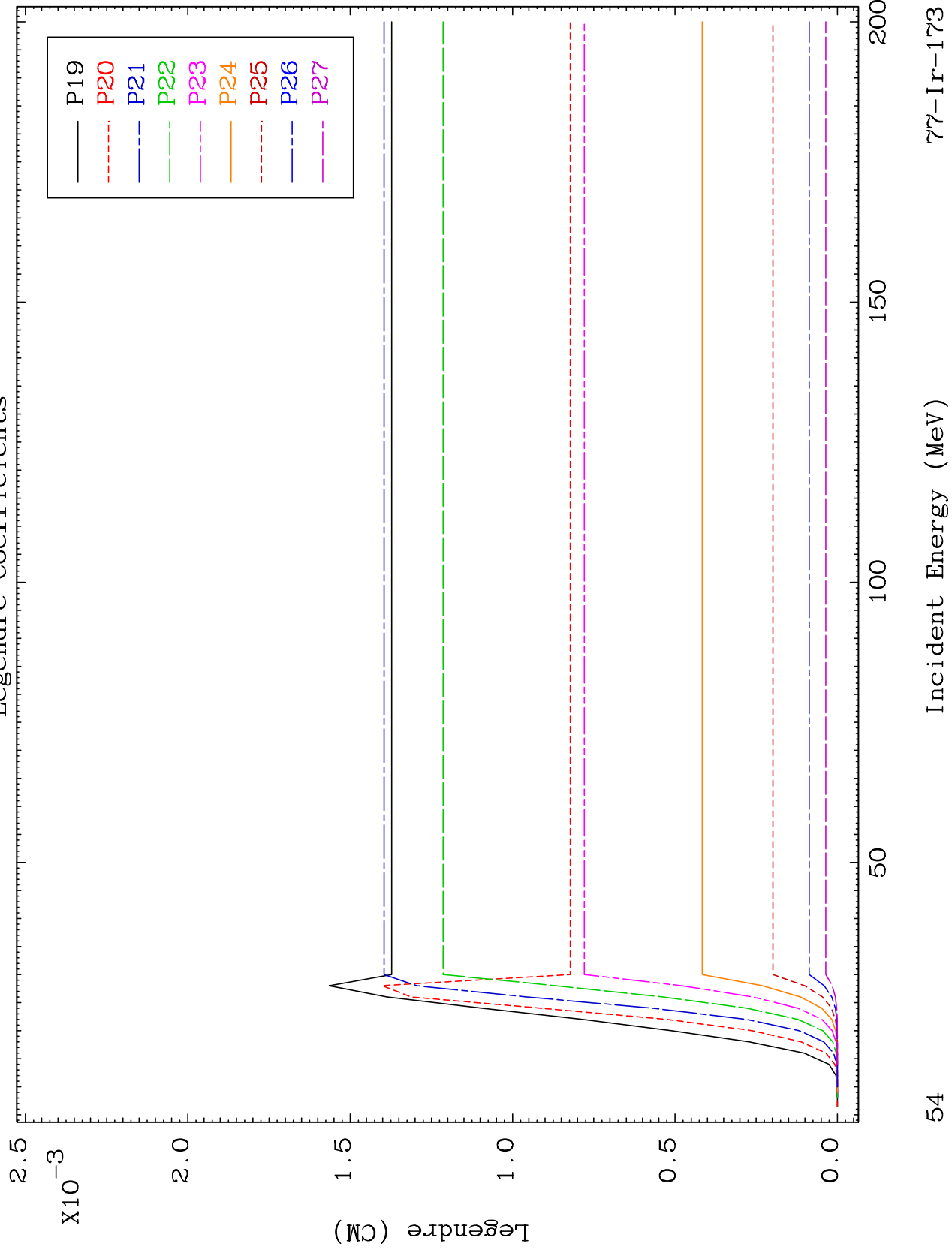
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



54

Incident Energy (MeV)

77-Ir-173

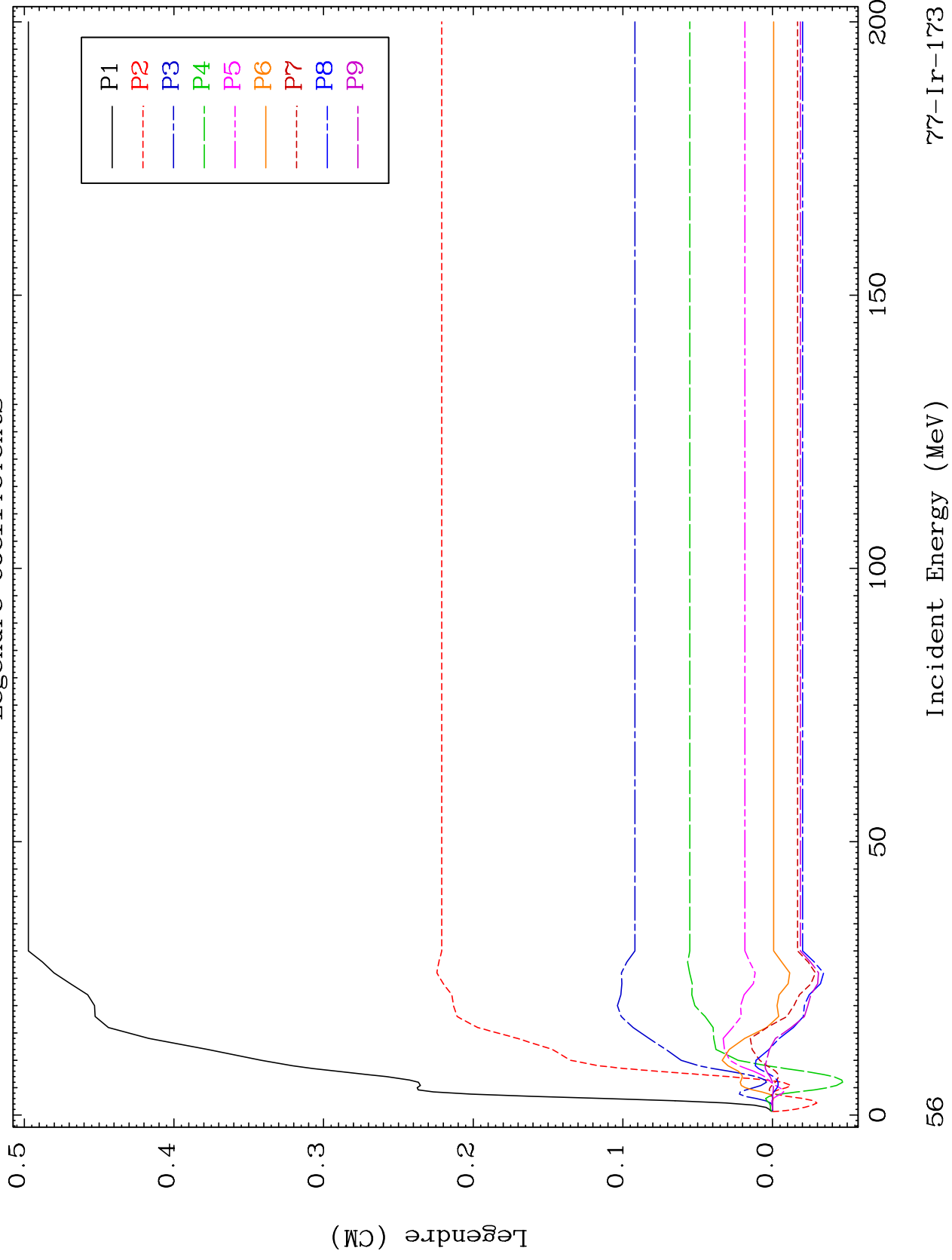




MAT 7671

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

77-Ir-173



77-Ir-173

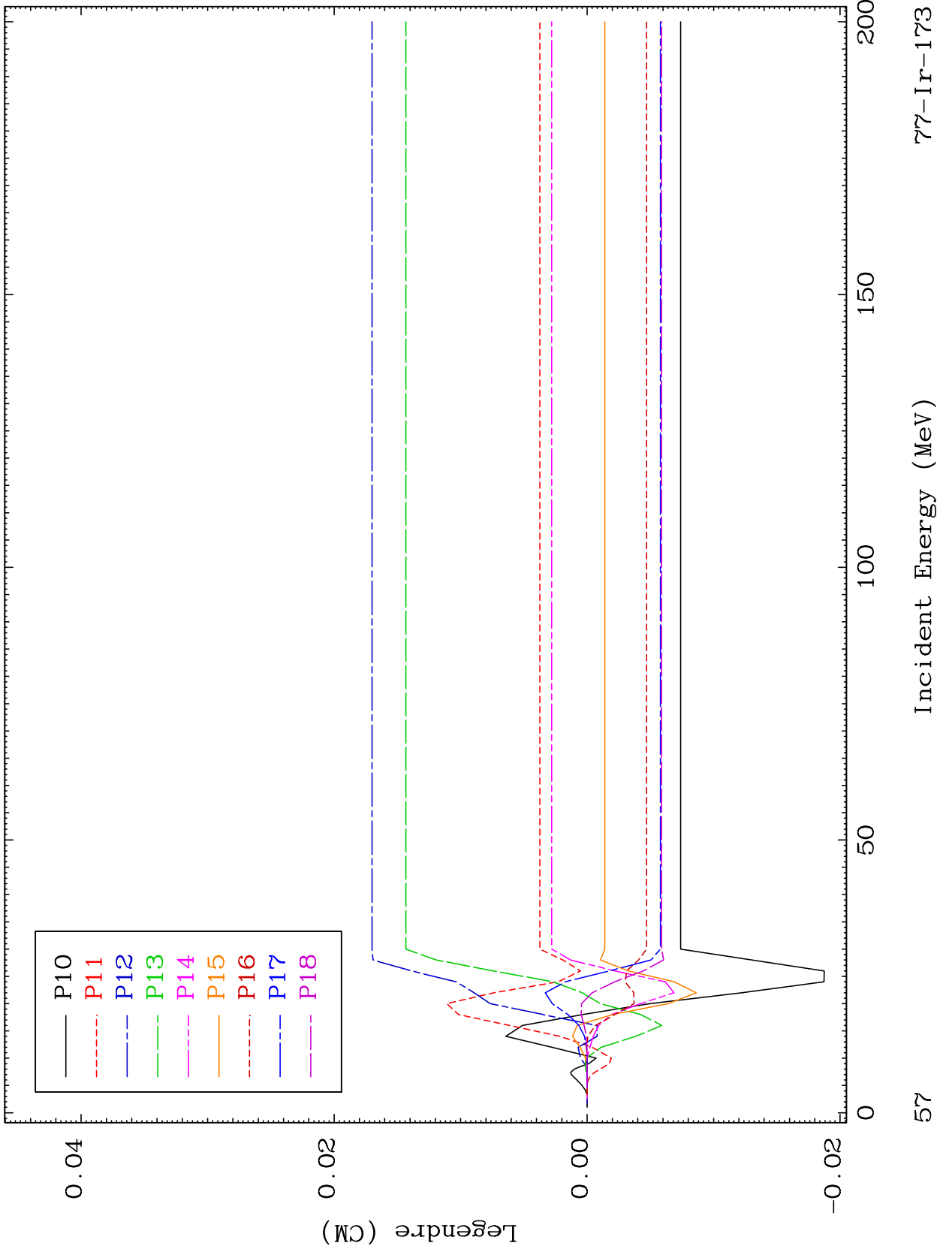
Incident Energy (MeV)

56

MAT 7671

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

77-Ir-173



57

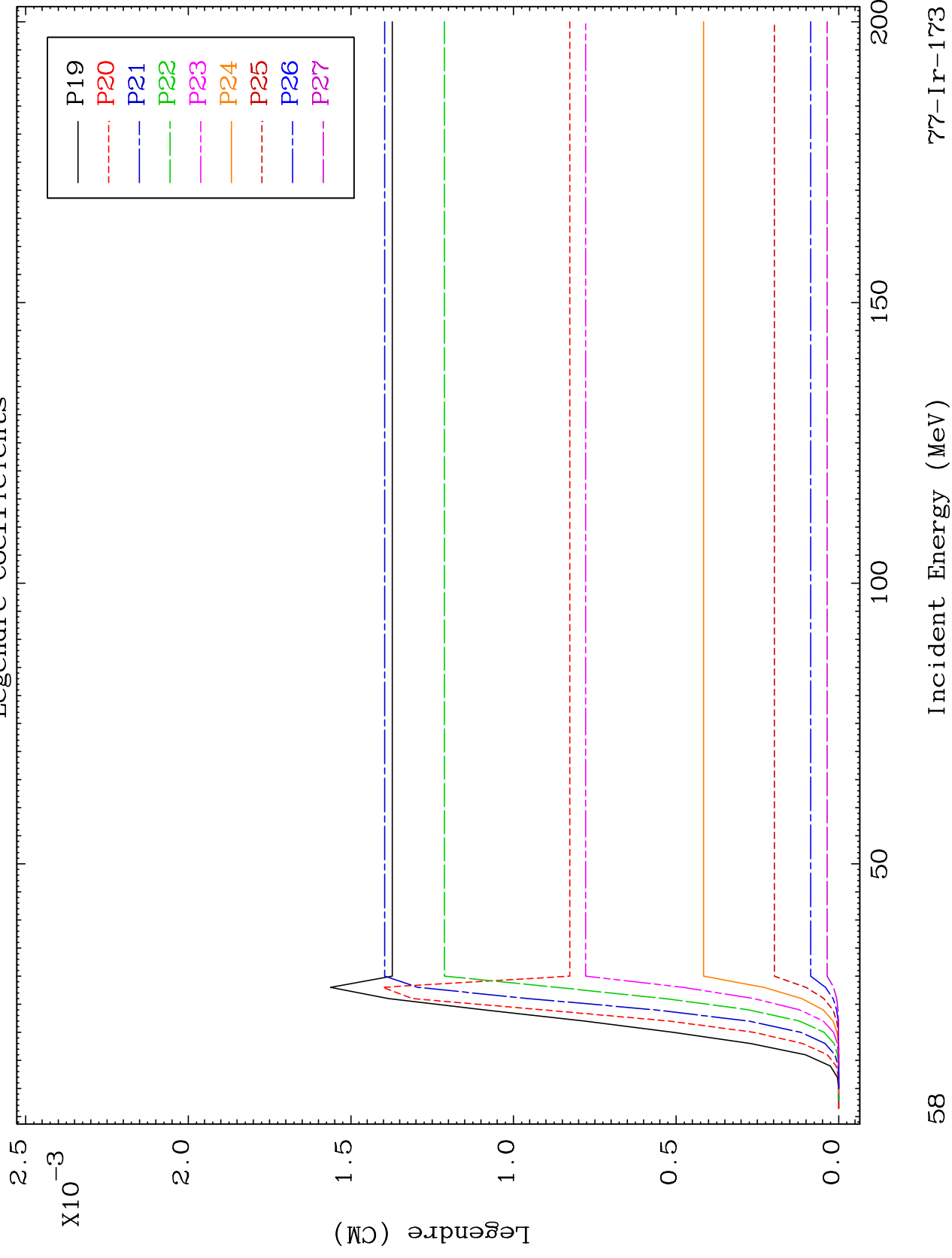
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

77-Ir-173



58

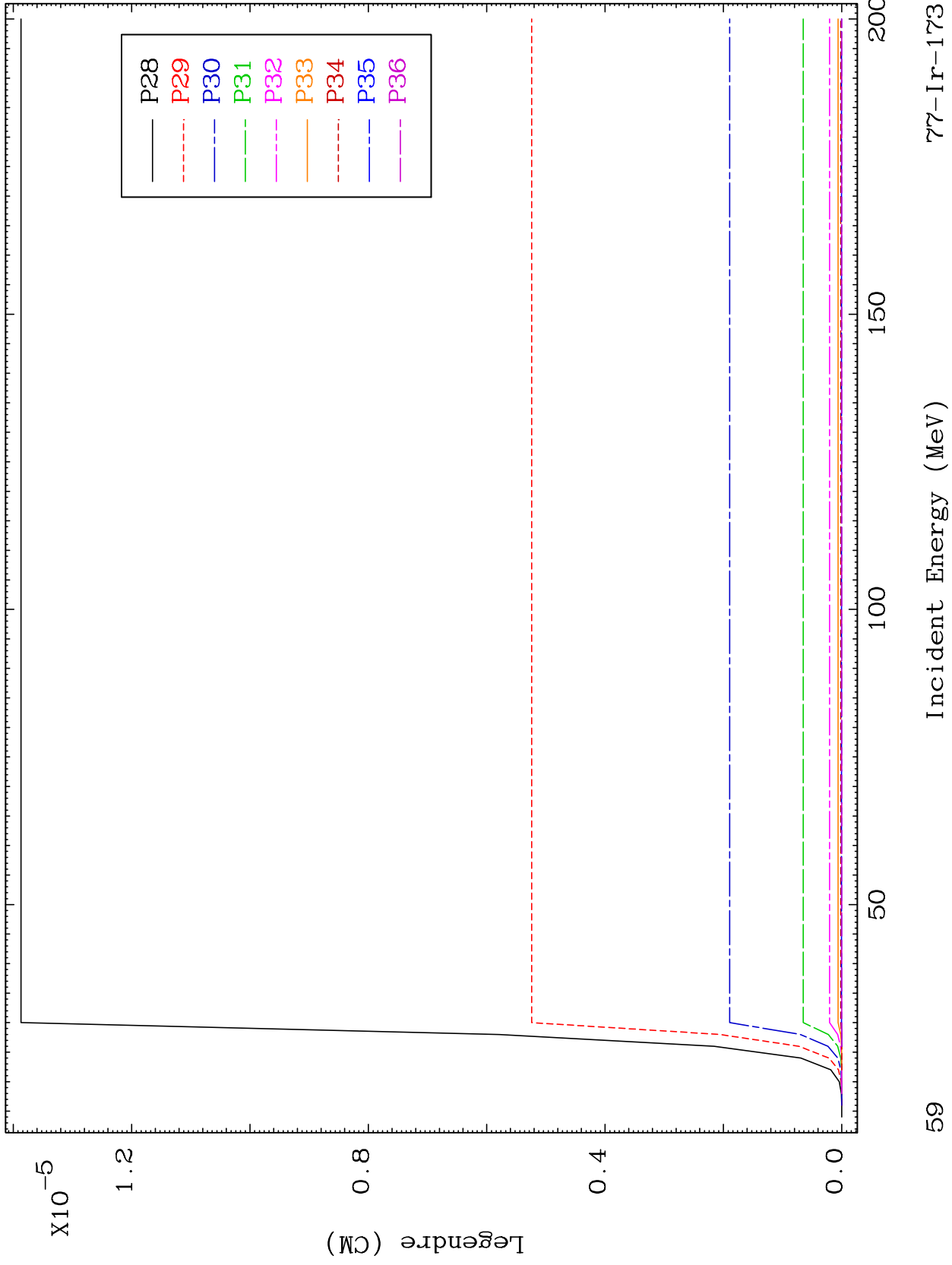
Incident Energy (MeV)

77-Ir-173

MAT 7671

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

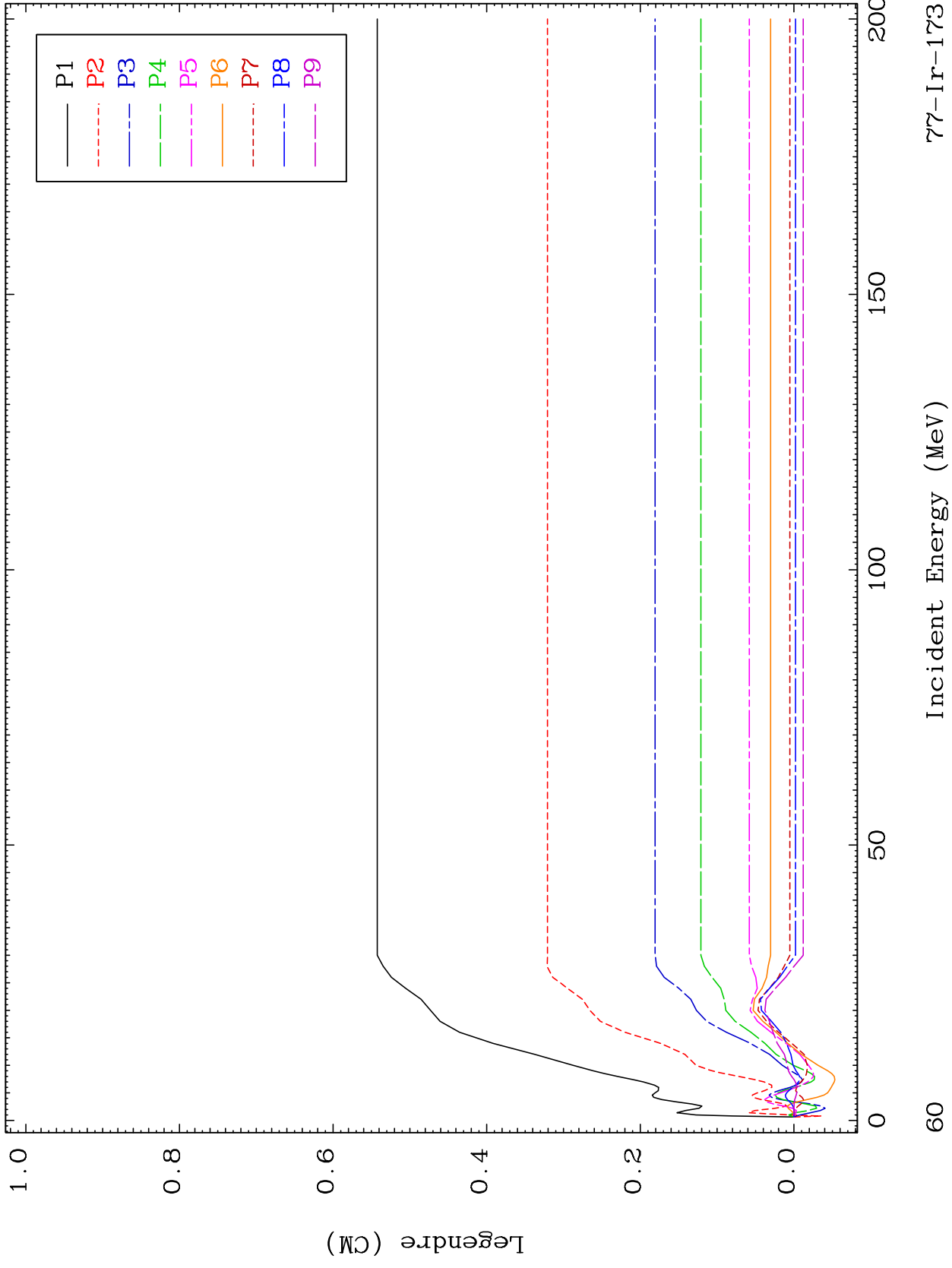
77-Ir-173



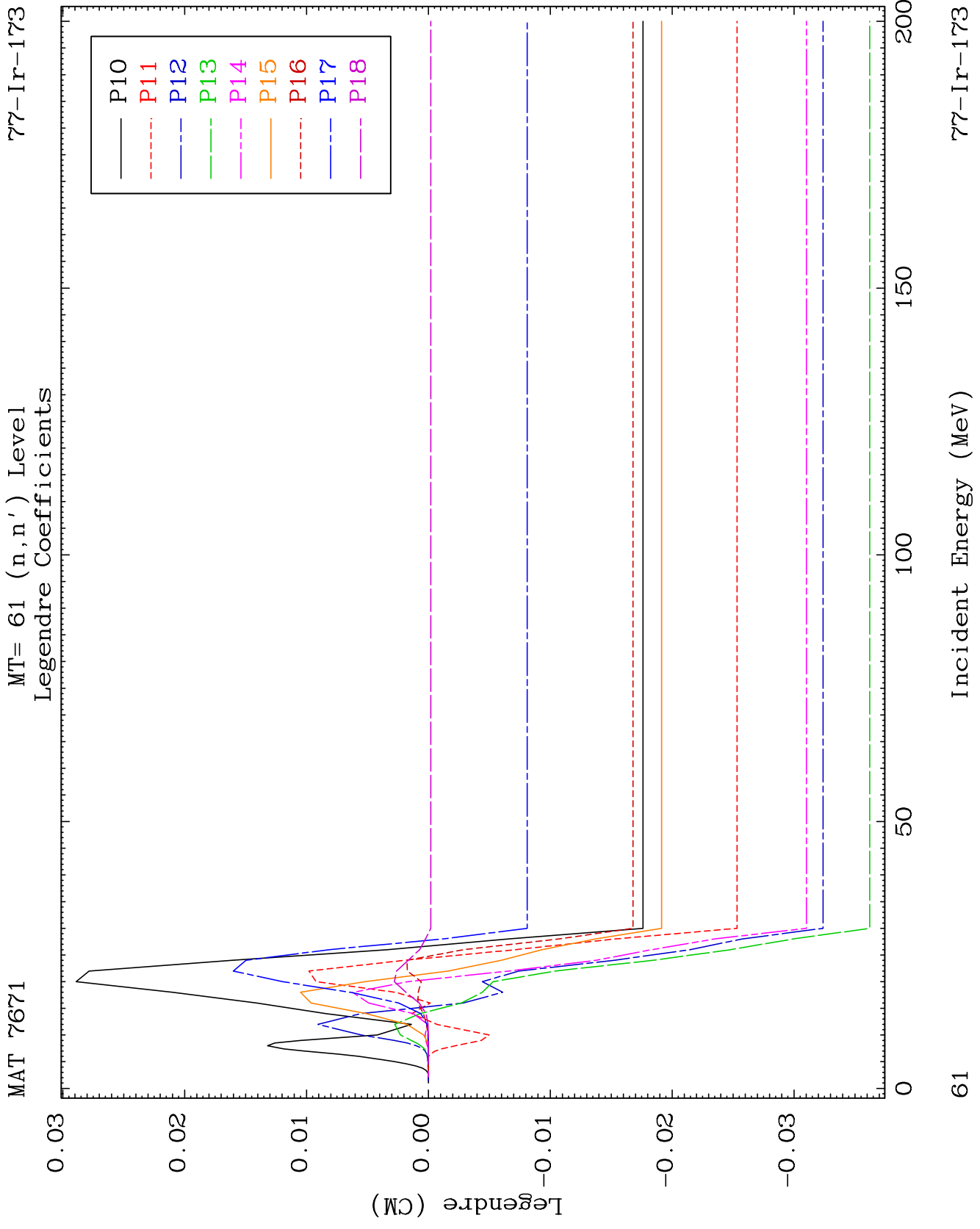
MAT 7671

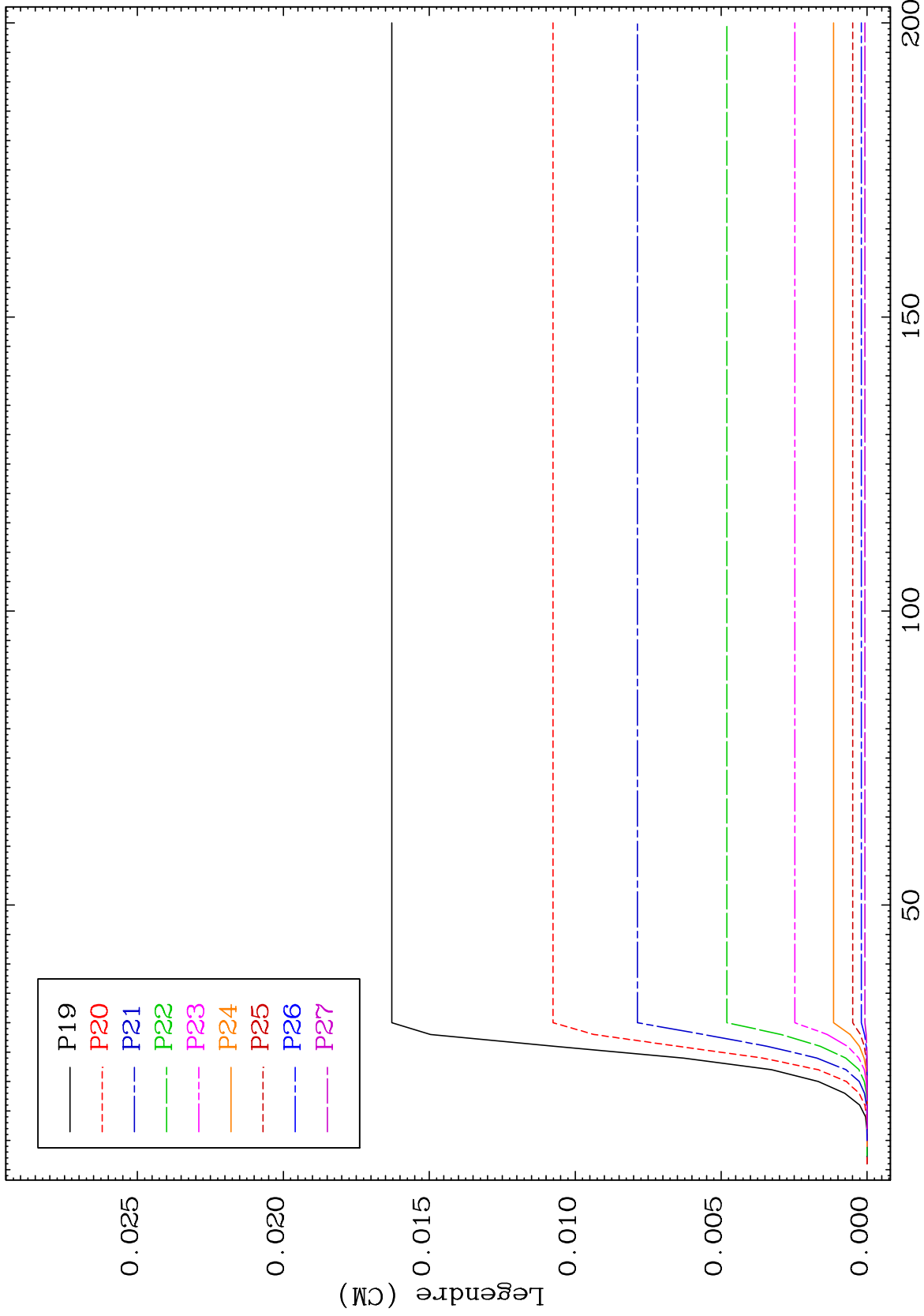
MT= 61 (n,n') Level  
Legendre Coefficients

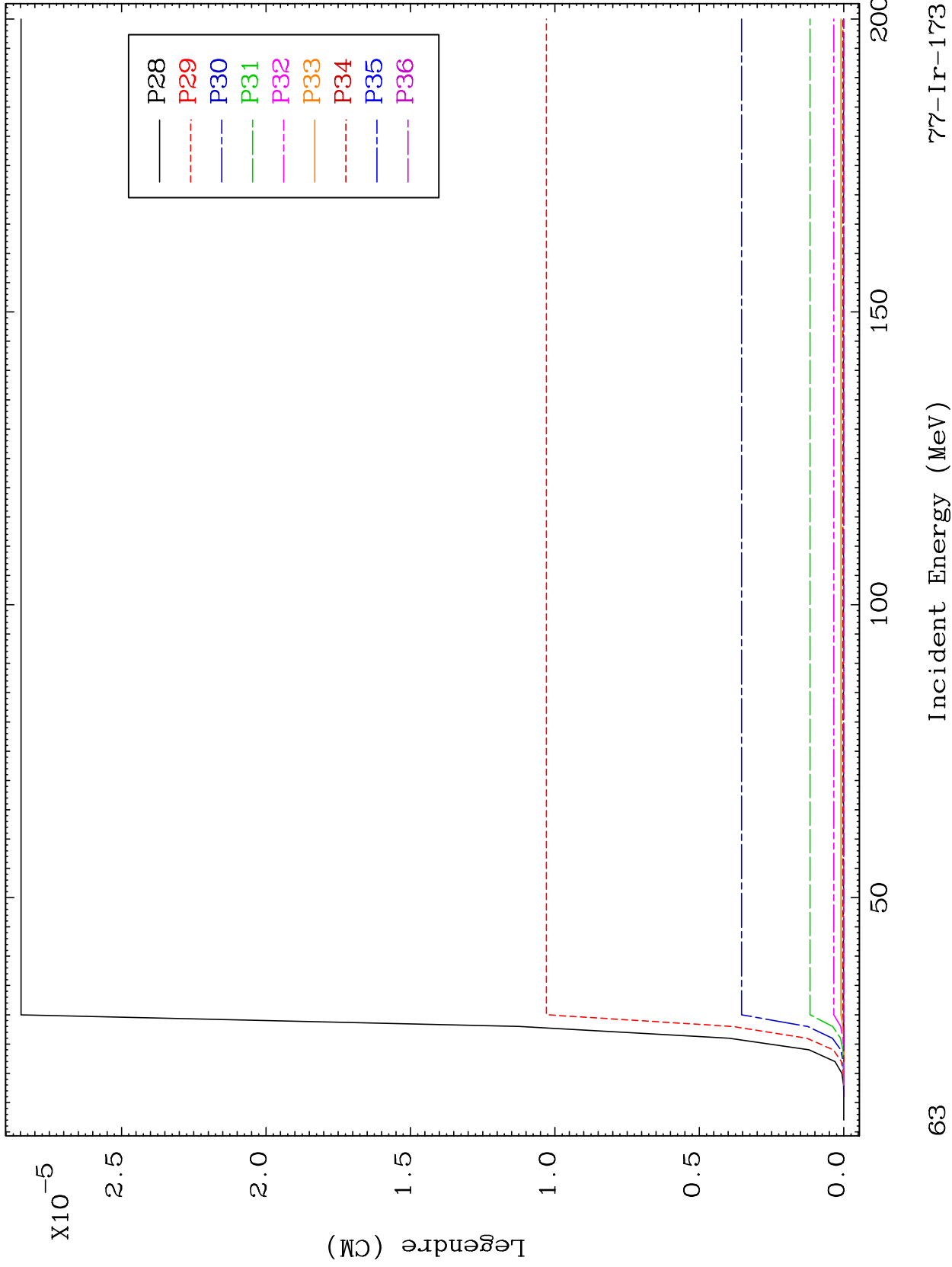
77-Ir-173



77-Ir-173





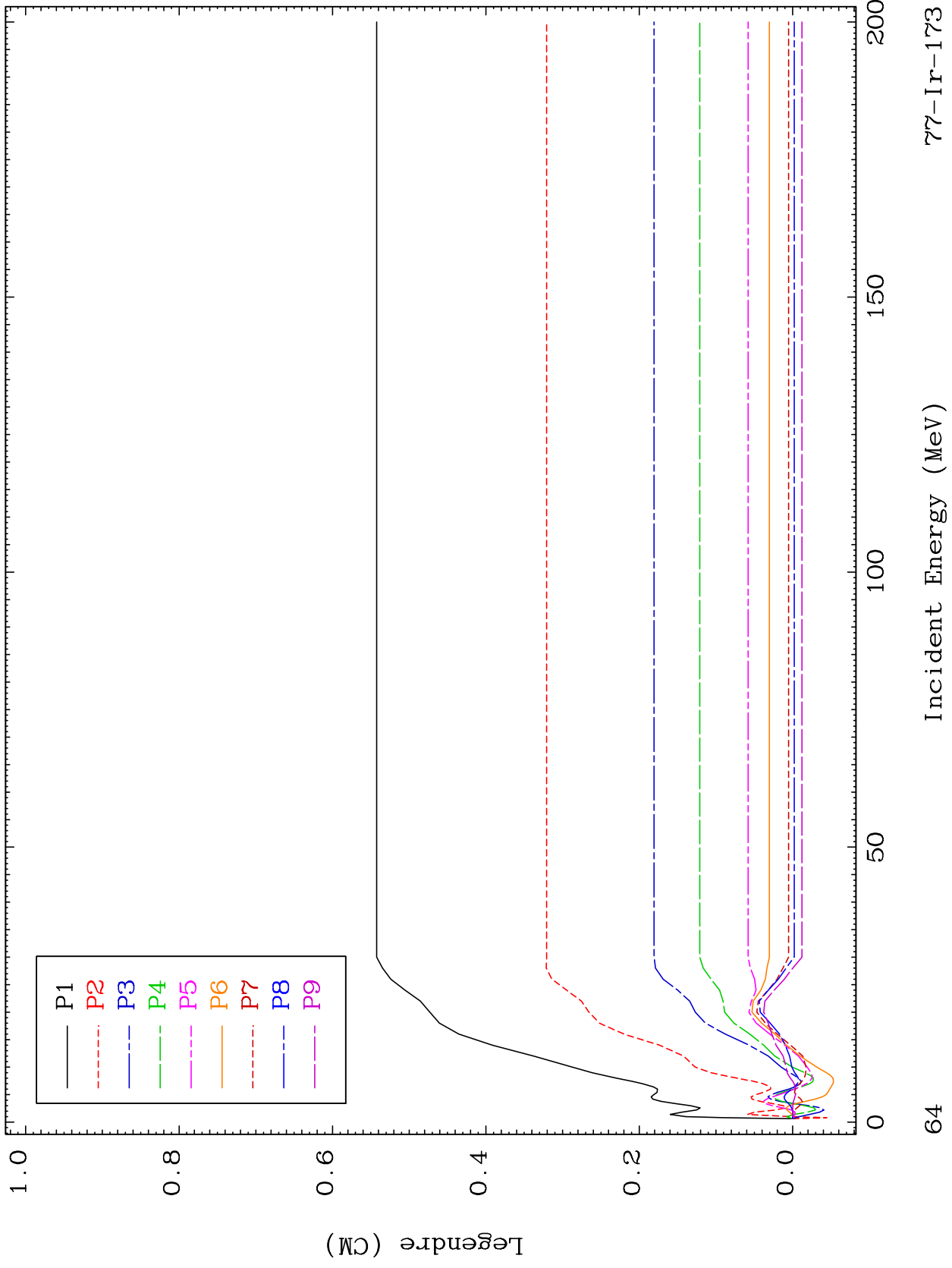




MAT 7671

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

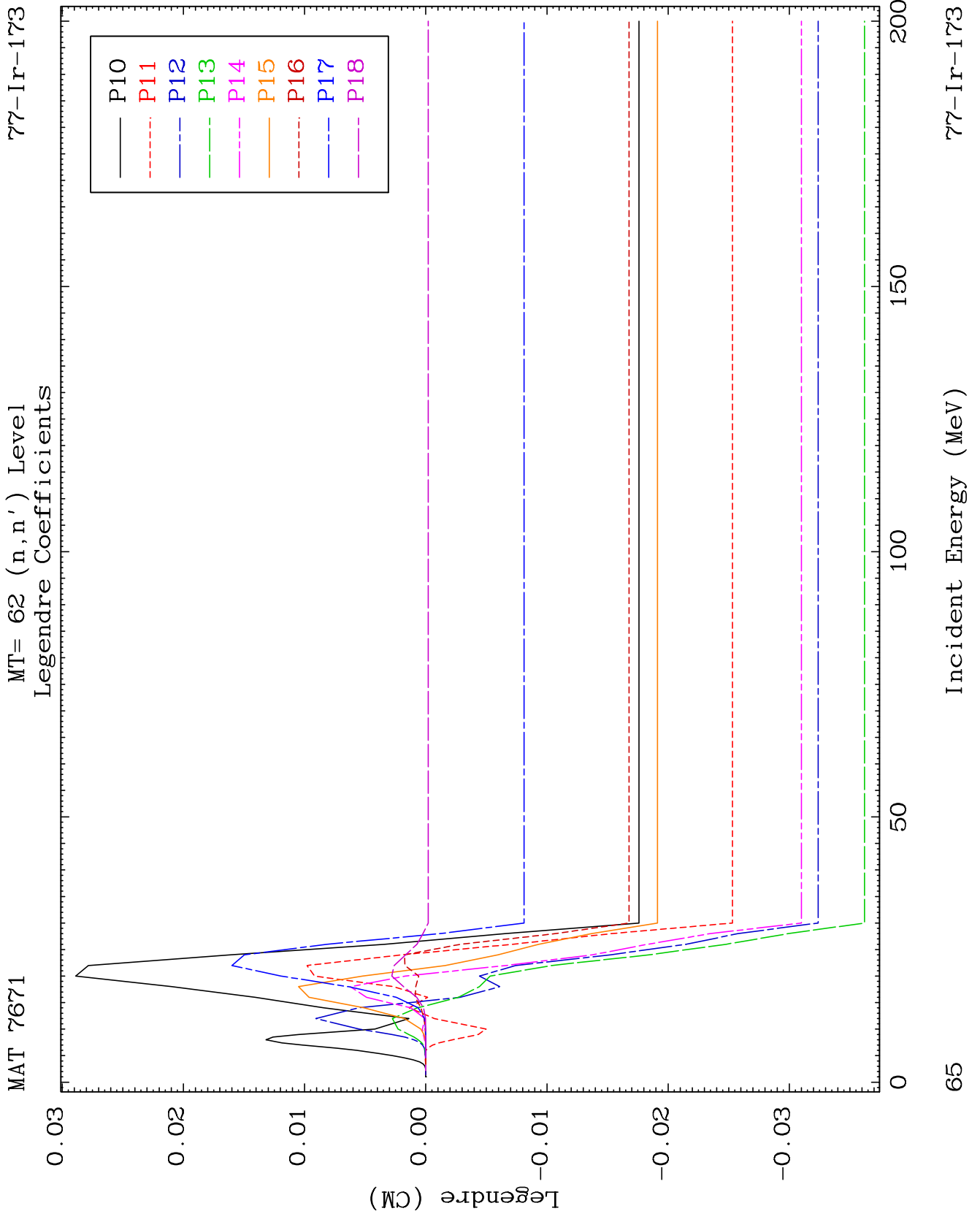
77-Ir-173

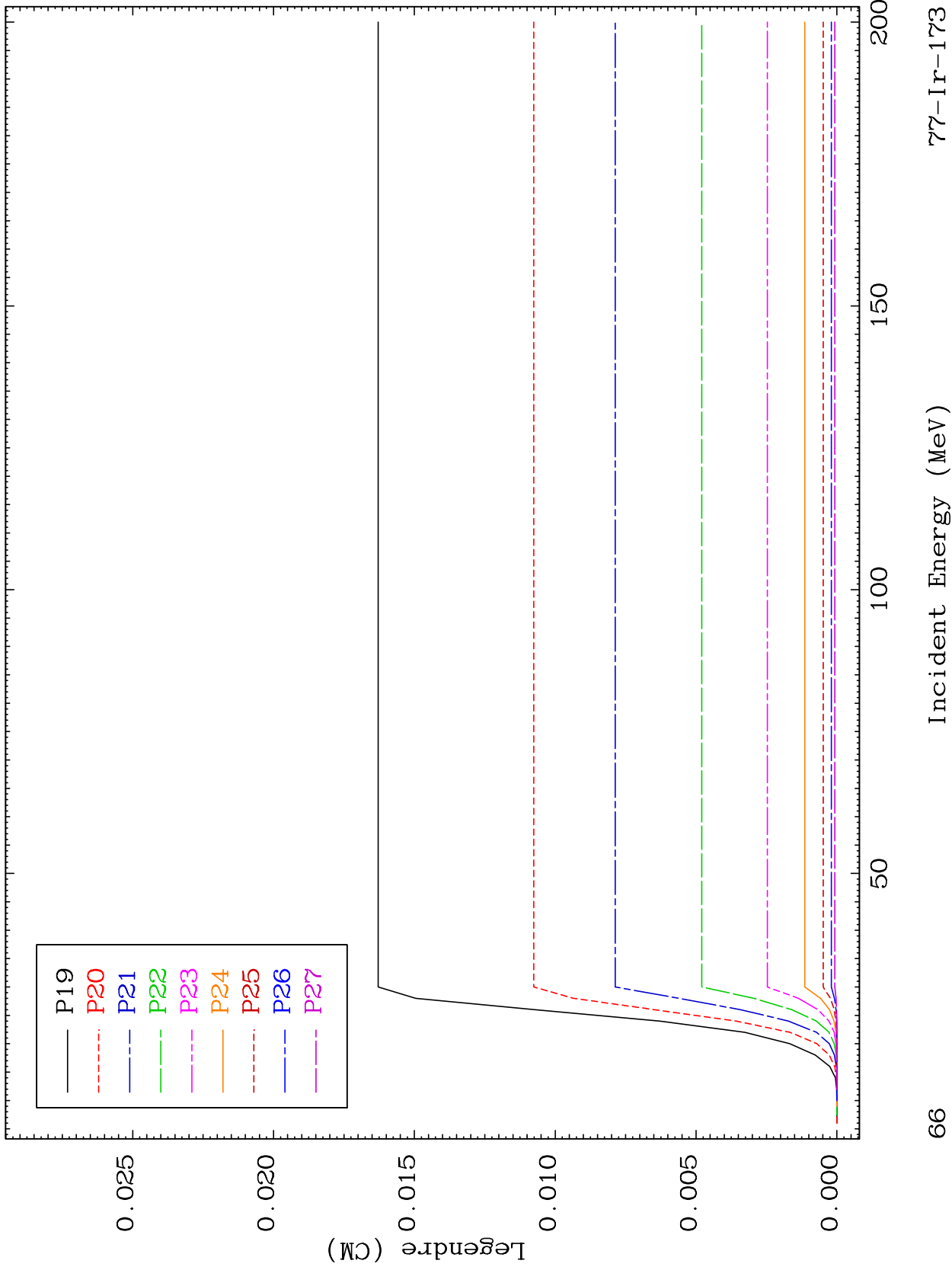


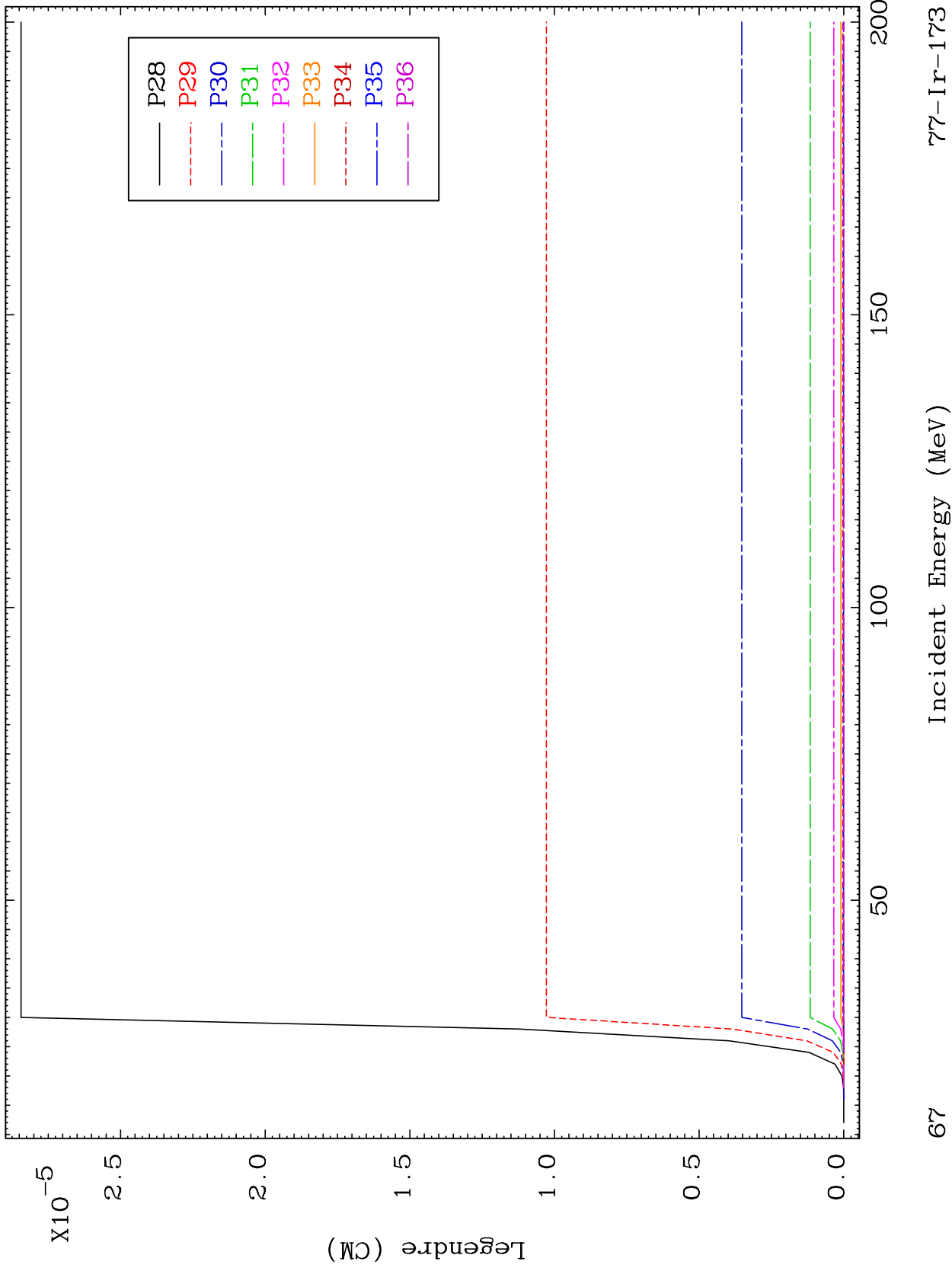
77-Ir-173

Incident Energy (MeV)

64



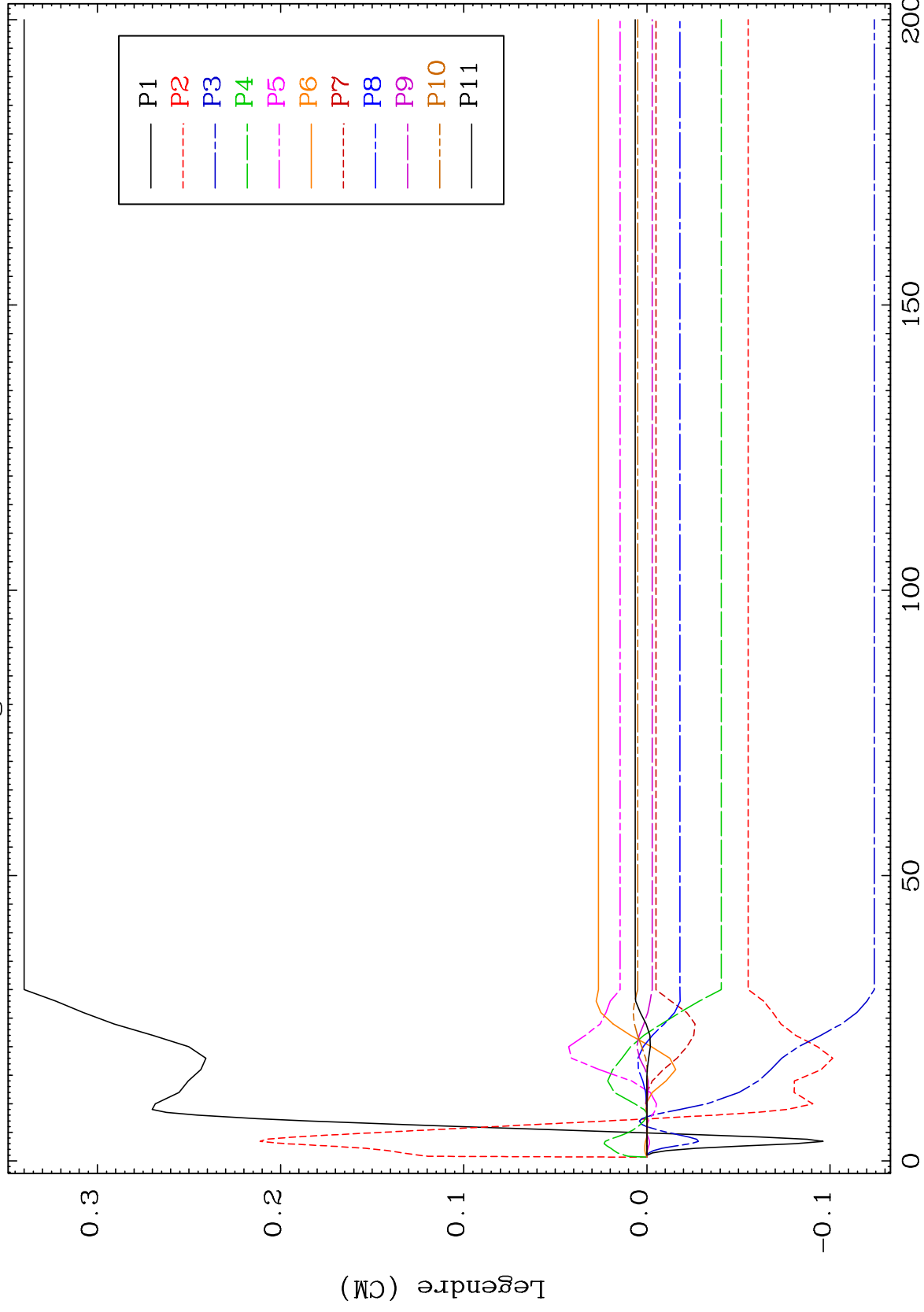




MAT 7671

MT= 63 (n,n') Level  
Legendre Coefficients

77-Ir-173



68

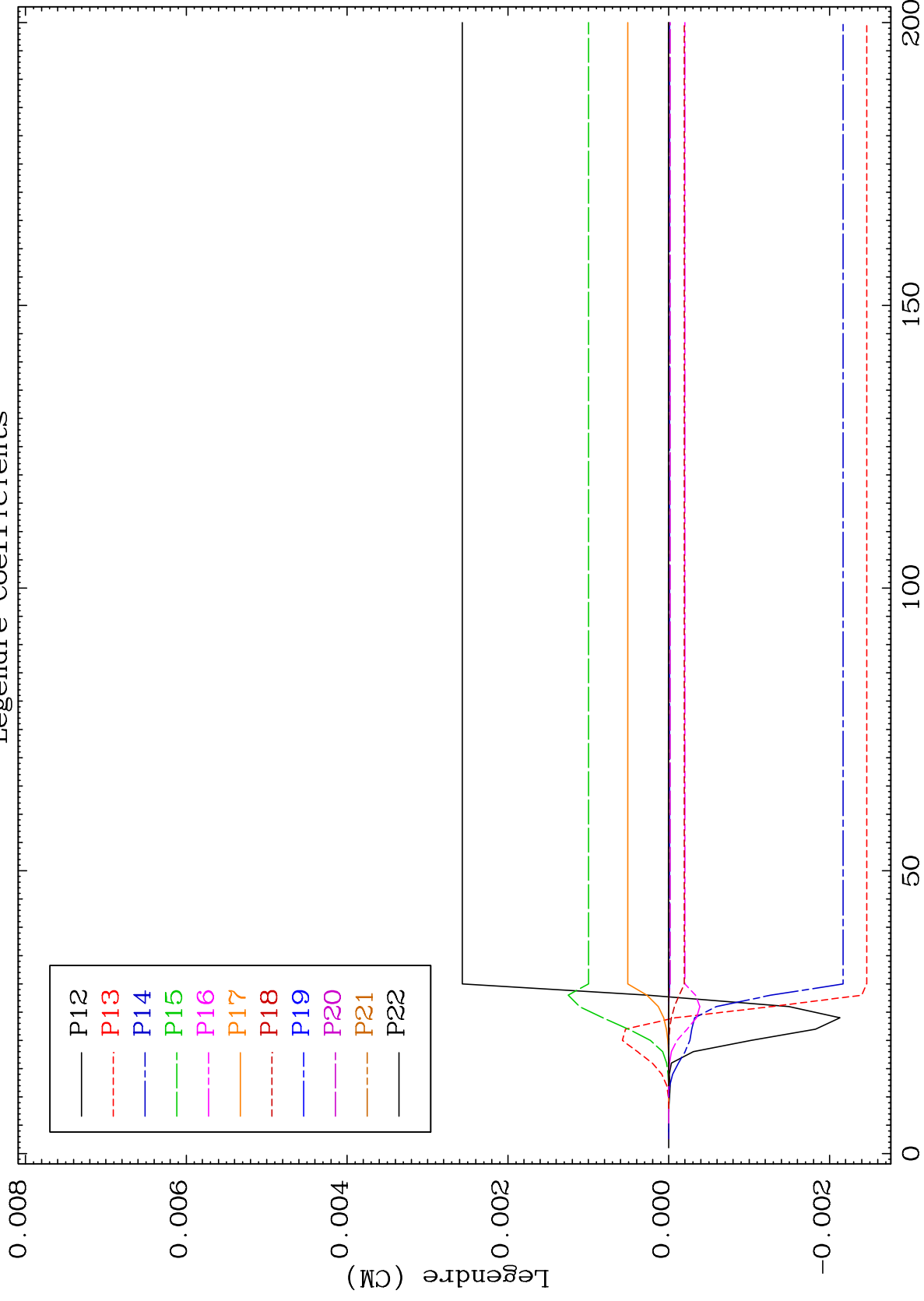
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 63 (n,n') Level  
Legendre Coefficients

77-Ir-173



69

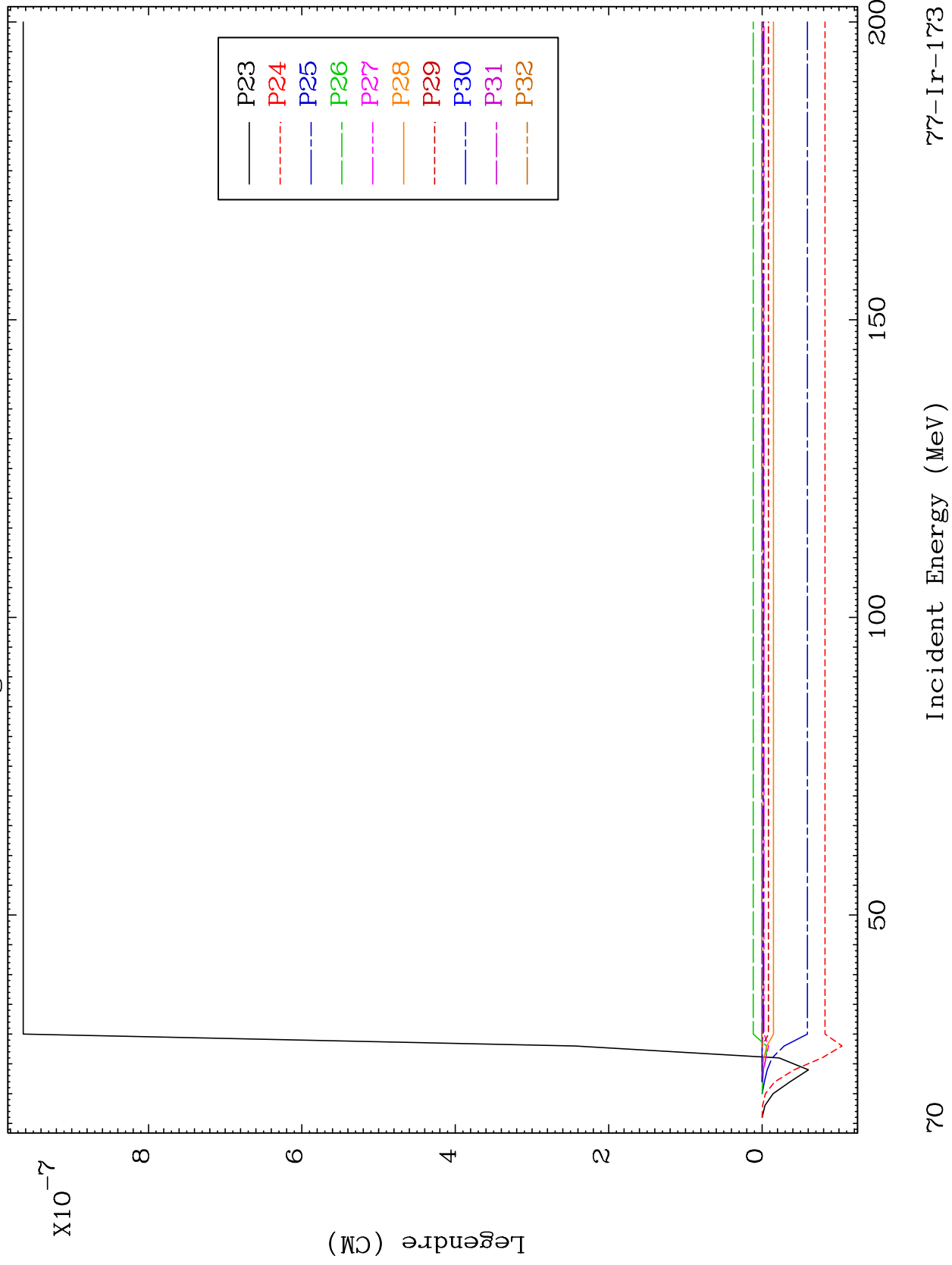
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 63 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

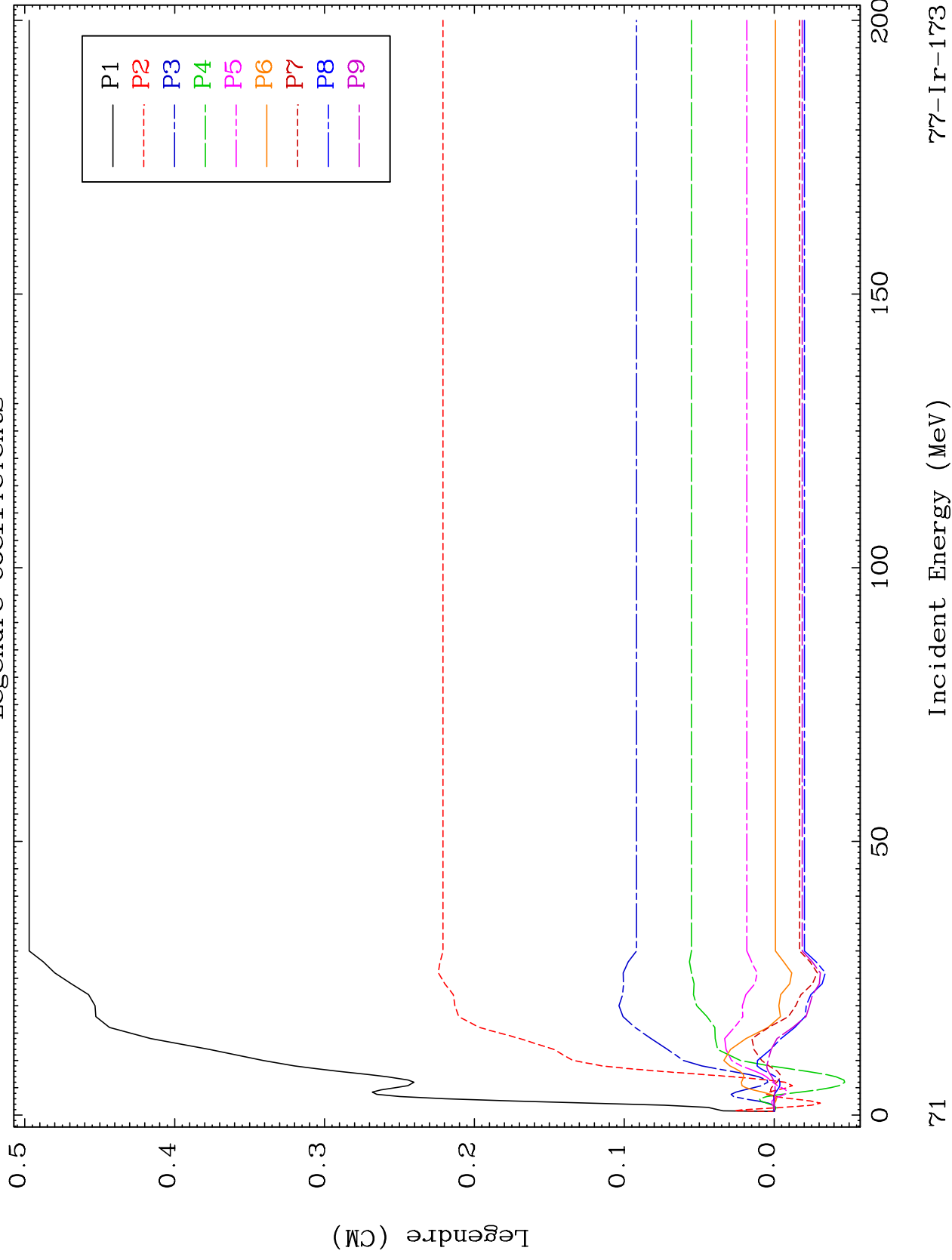
Incident Energy (MeV)

70

MAT 7671

MT= 64 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

Incident Energy (MeV)

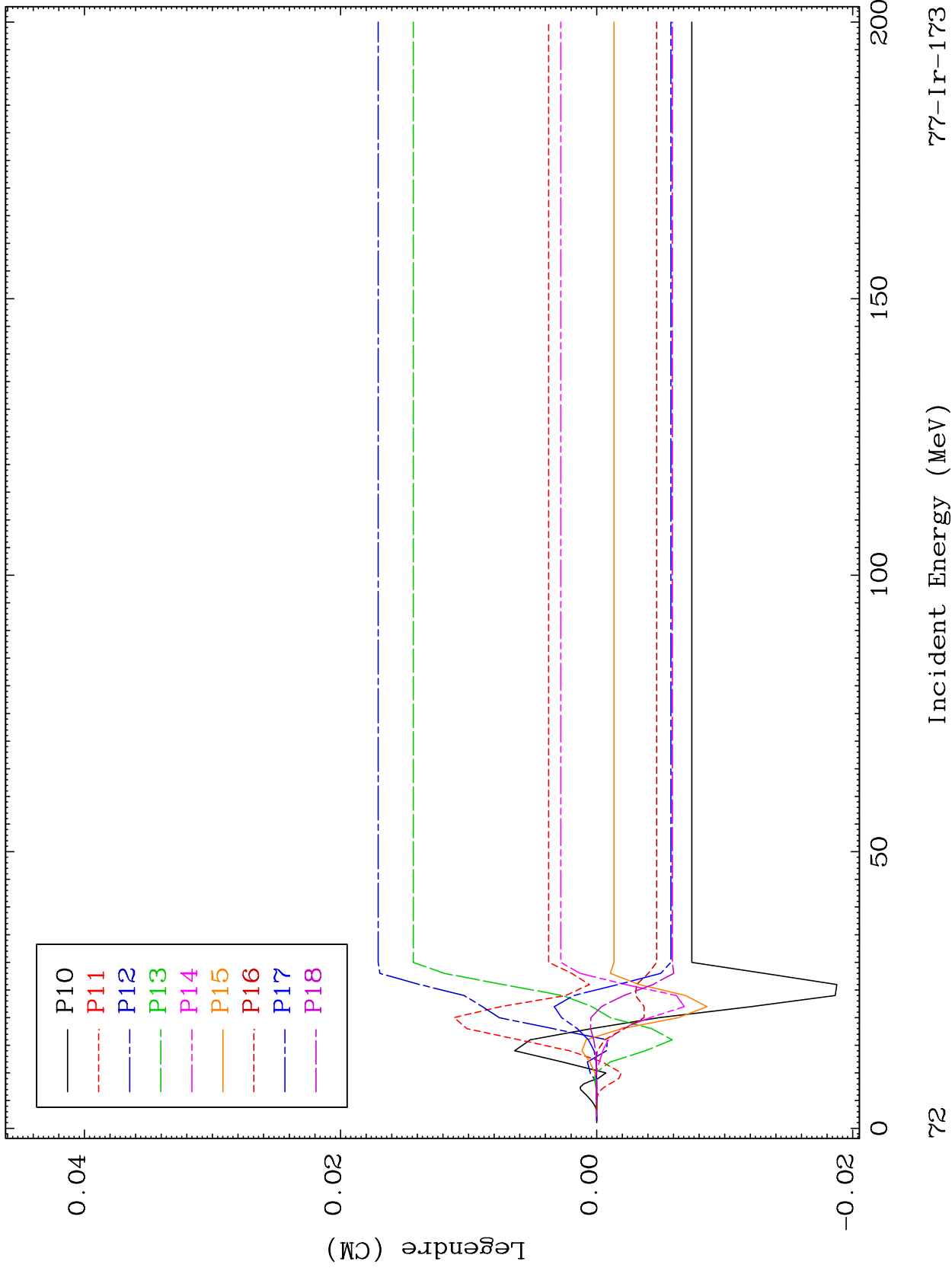
71



MAT 7671

MT= 64 (n,n') Level  
Legendre Coefficients

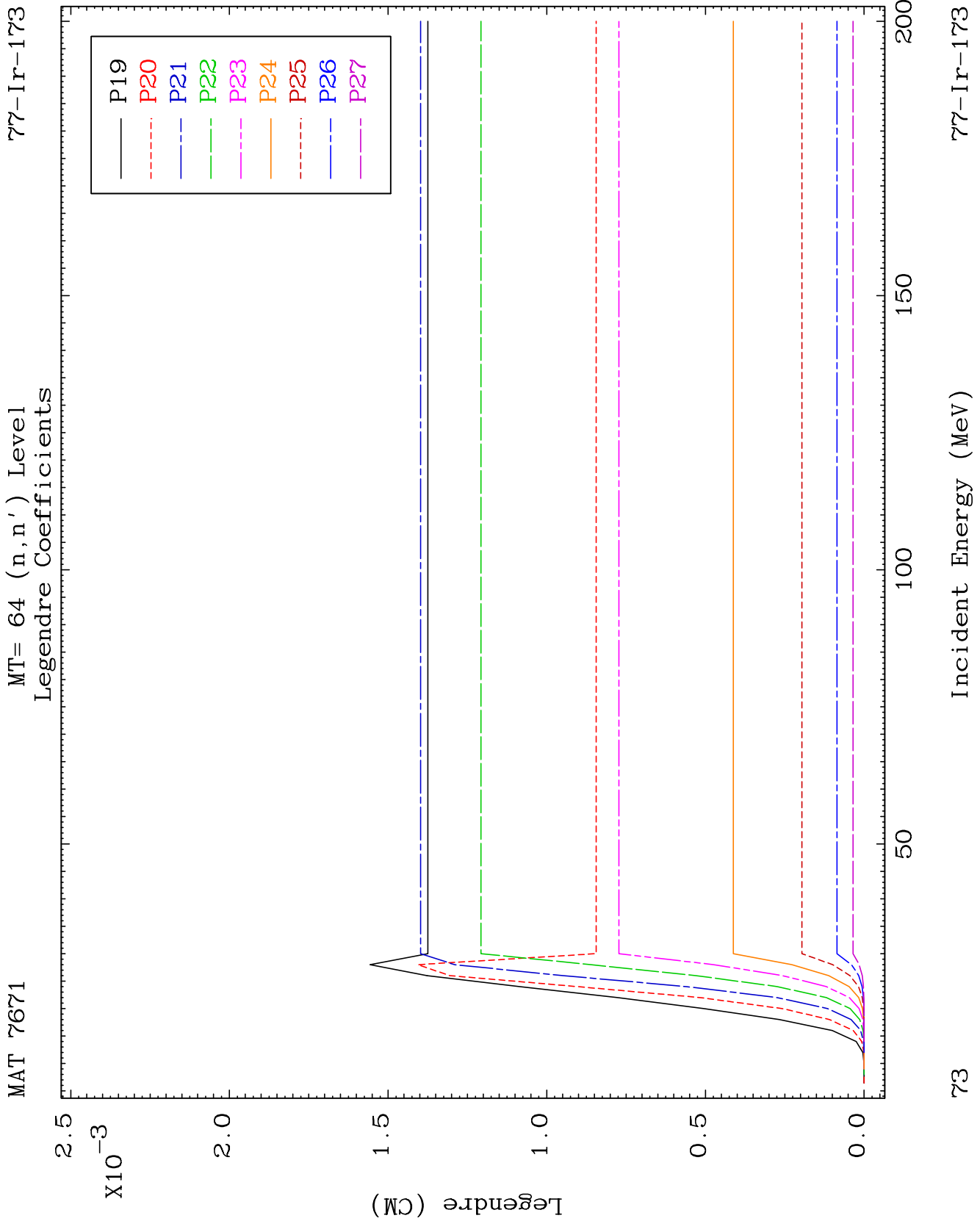
77-Ir-173



72

Incident Energy (MeV)

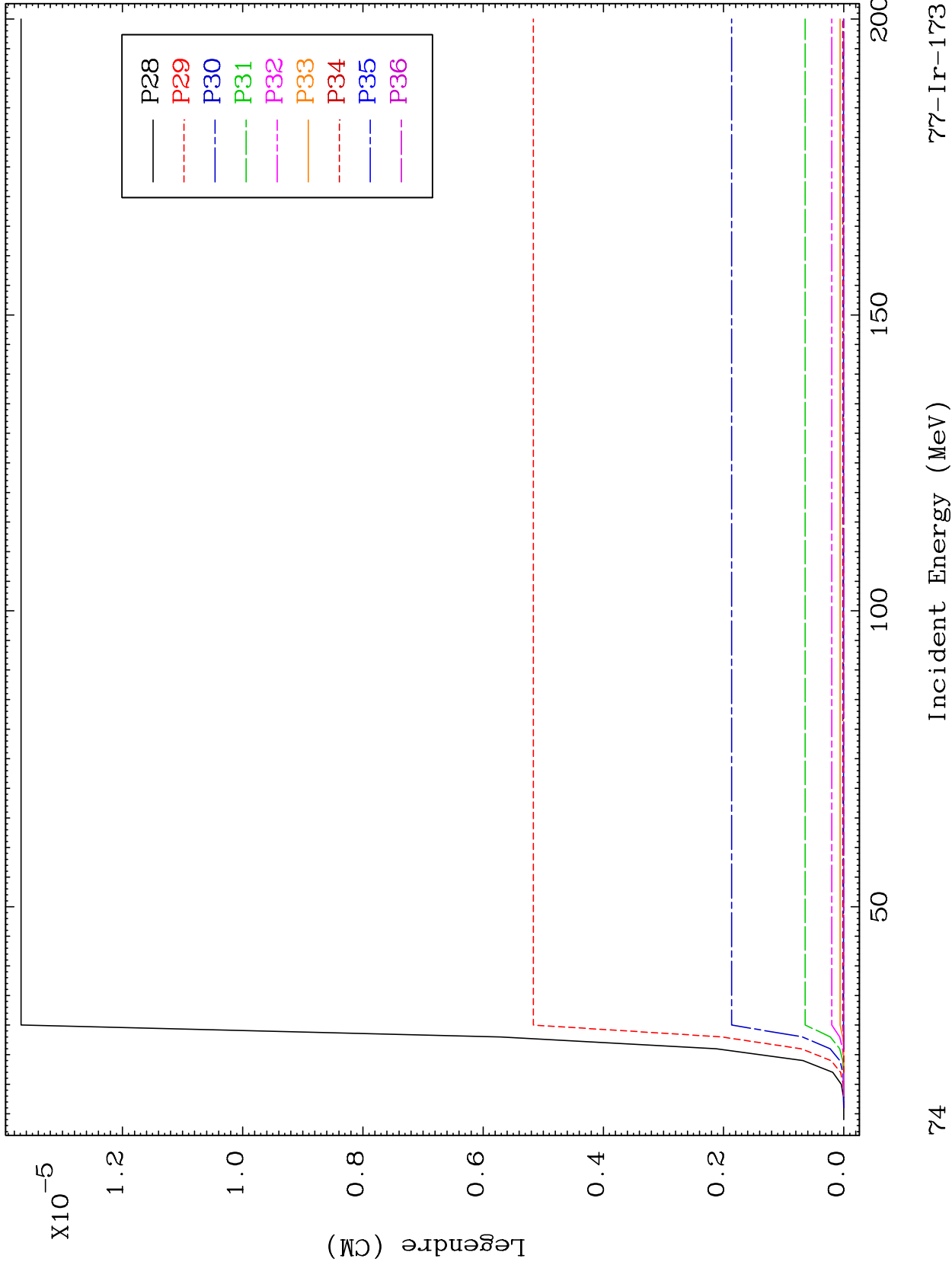
77-Ir-173



MAT 7671

MT= 64 (n,n') Level  
Legendre Coefficients

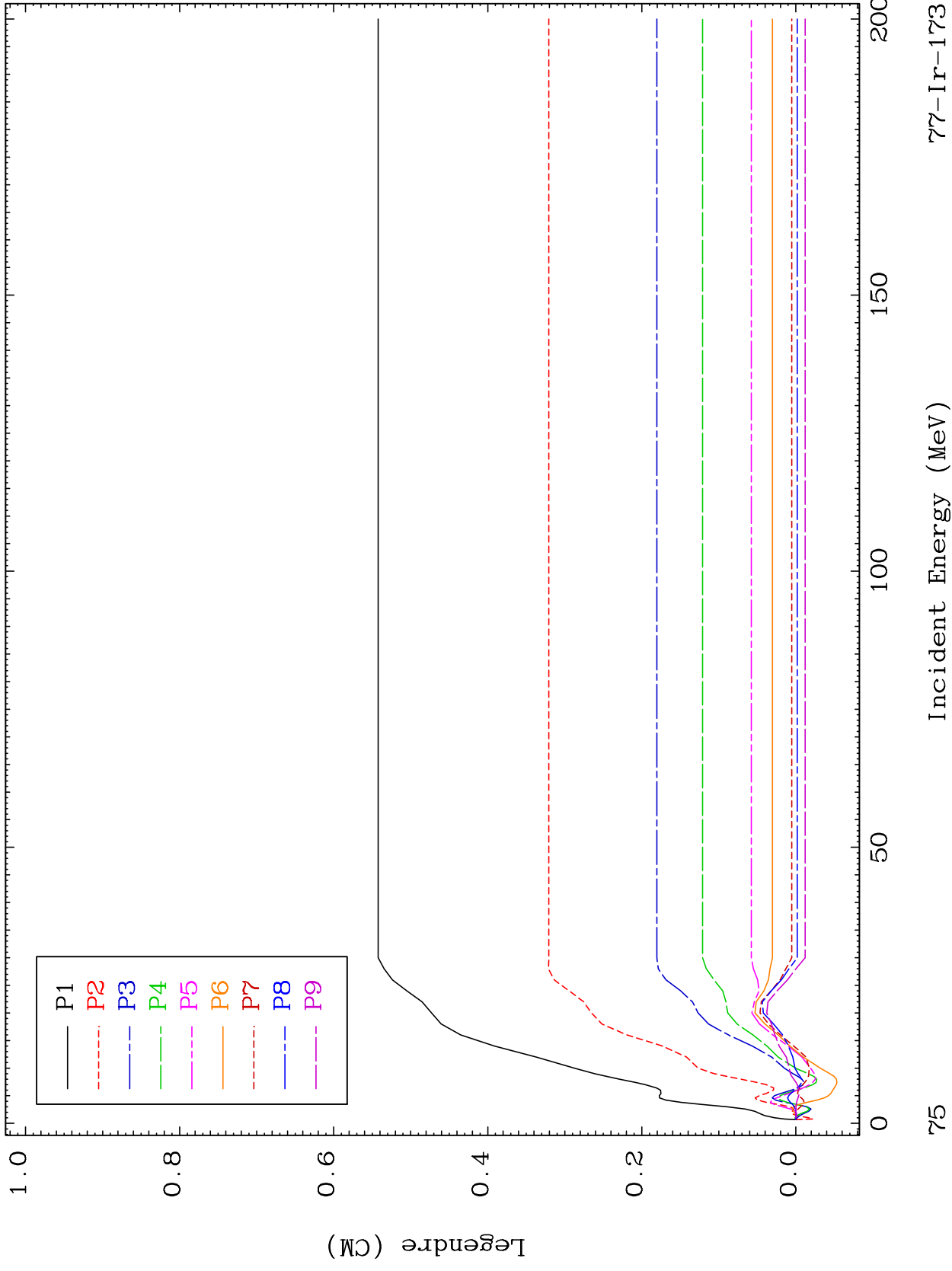
77-Ir-173



MAT 7671

MT= 65 (n,n') Level  
Legendre Coefficients

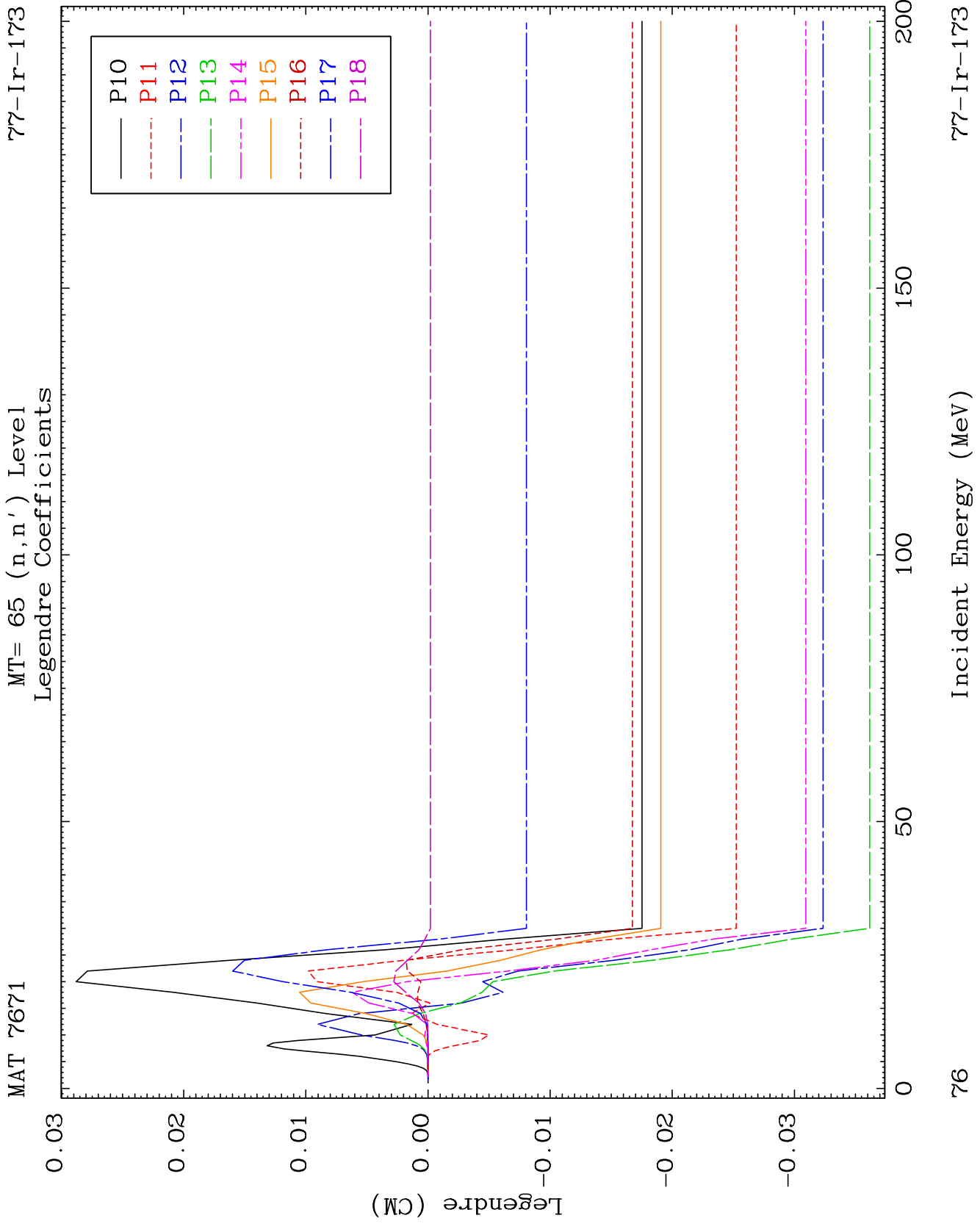
77-Ir-173



77-Ir-173

Incident Energy (MeV)

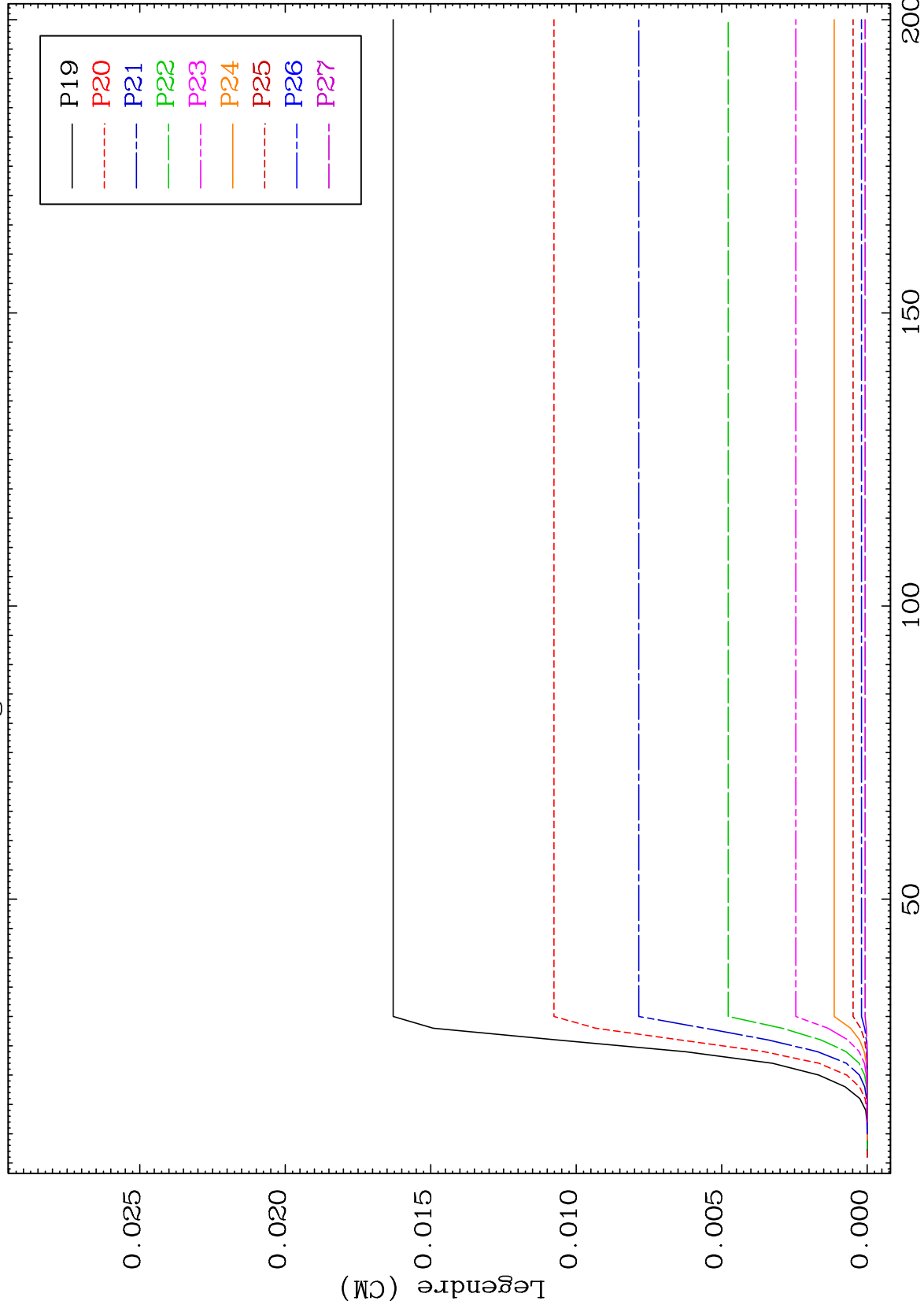
75



MAT 7671

MT= 65 (n,n') Level  
Legendre Coefficients

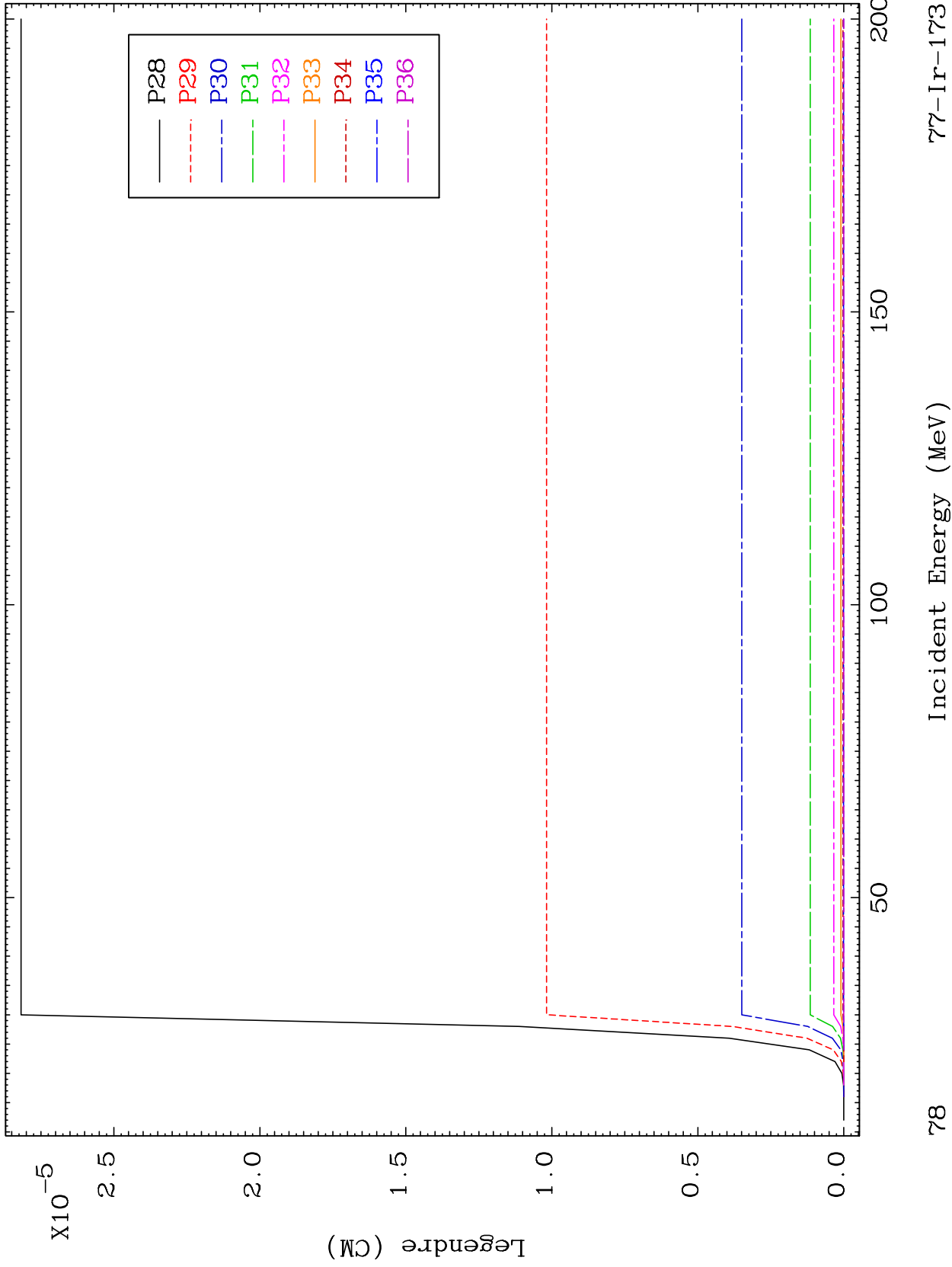
77-Ir-173



77

Incident Energy (MeV)

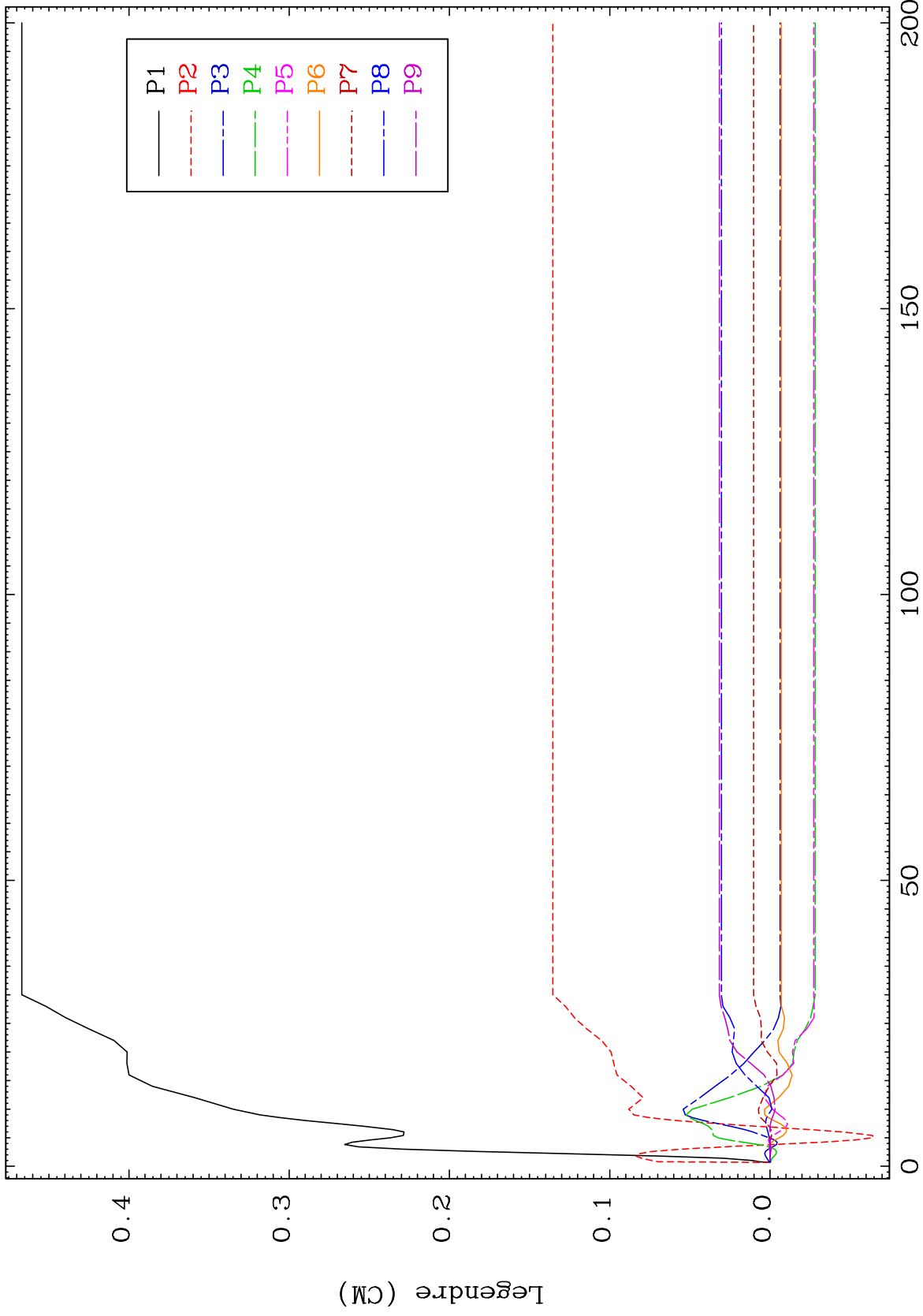
77-Ir-173



MAT 7671

MT= 66 (n,n') Level  
Legendre Coefficients

77-Ir-173



79

Incident Energy (MeV)

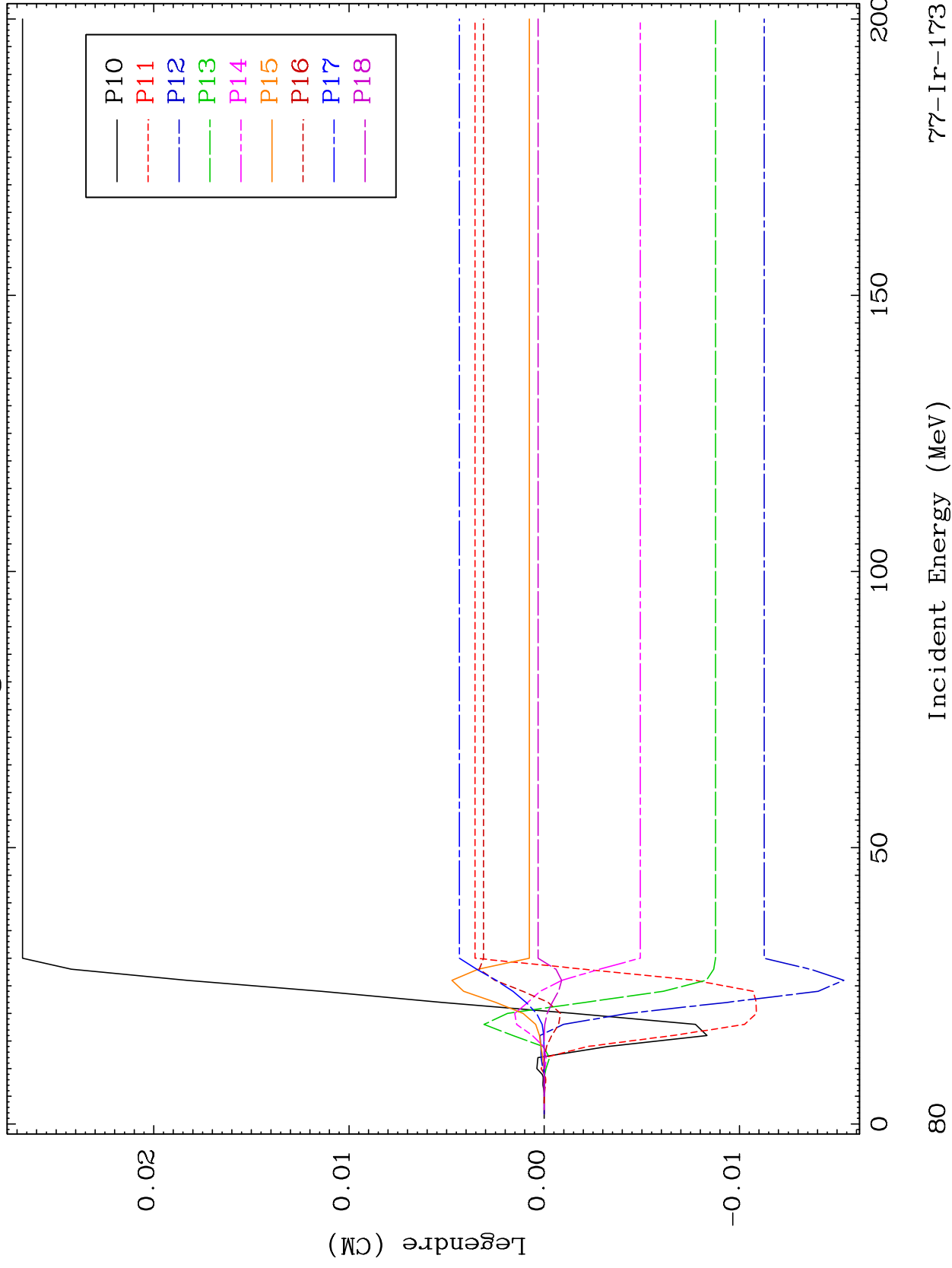
77-Ir-173



MAT 7671

MT= 66 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

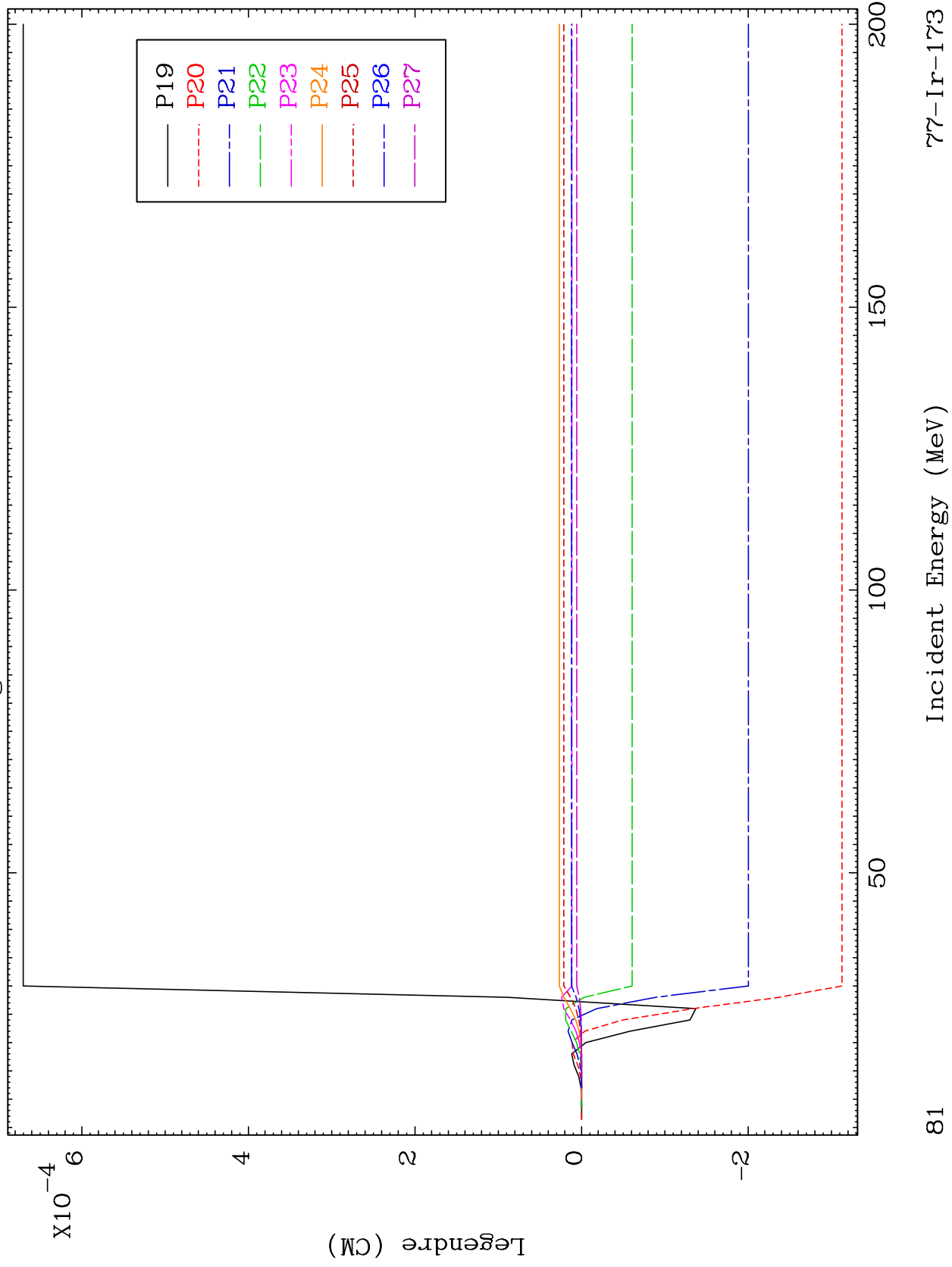
Incident Energy (MeV)

80

MAT 7671

MT= 66 (n,n') Level  
Legendre Coefficients

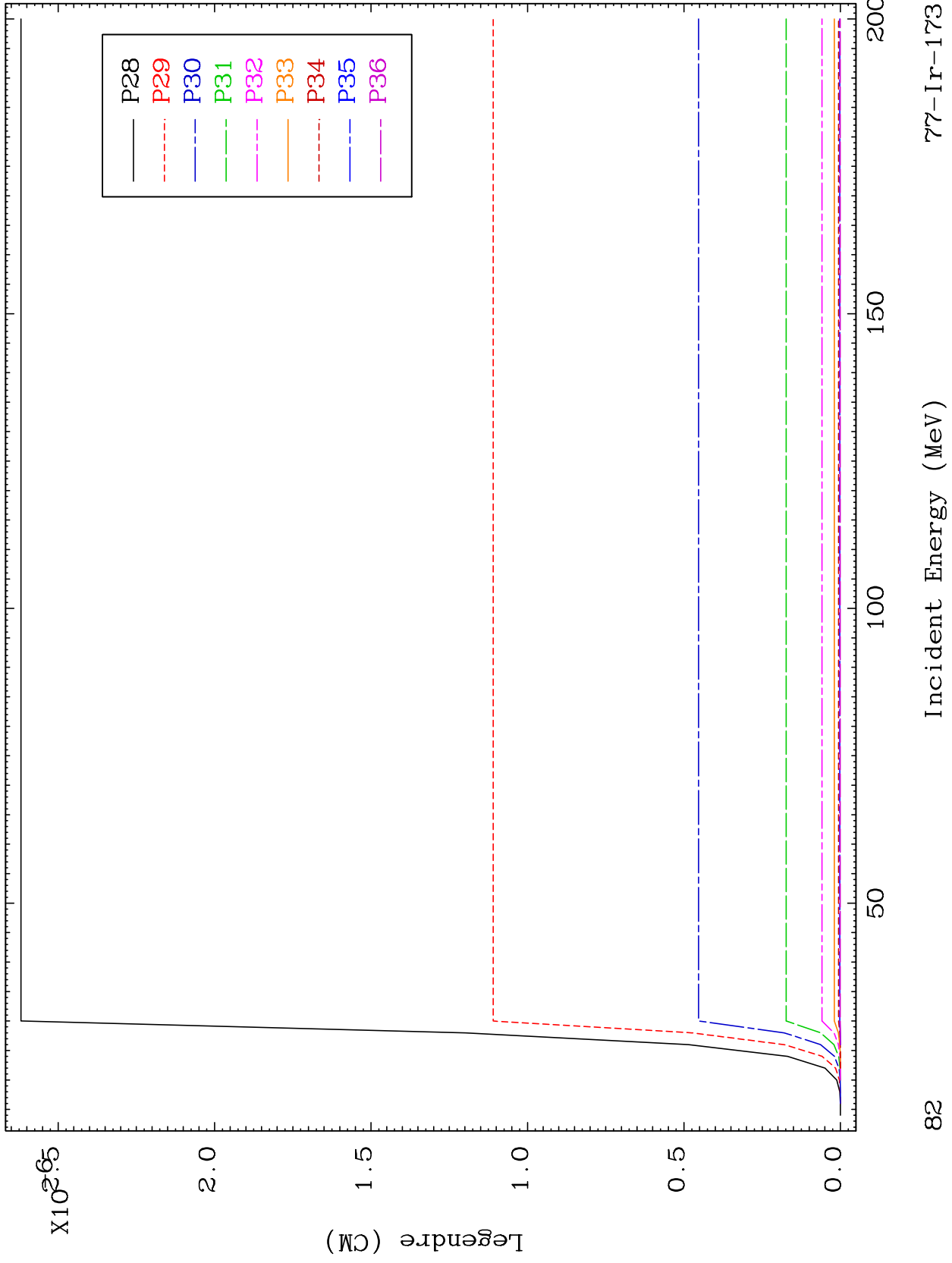
77-Ir-173



MAT 7671

MT= 66 (n,n') Level  
Legendre Coefficients

77-Ir-173

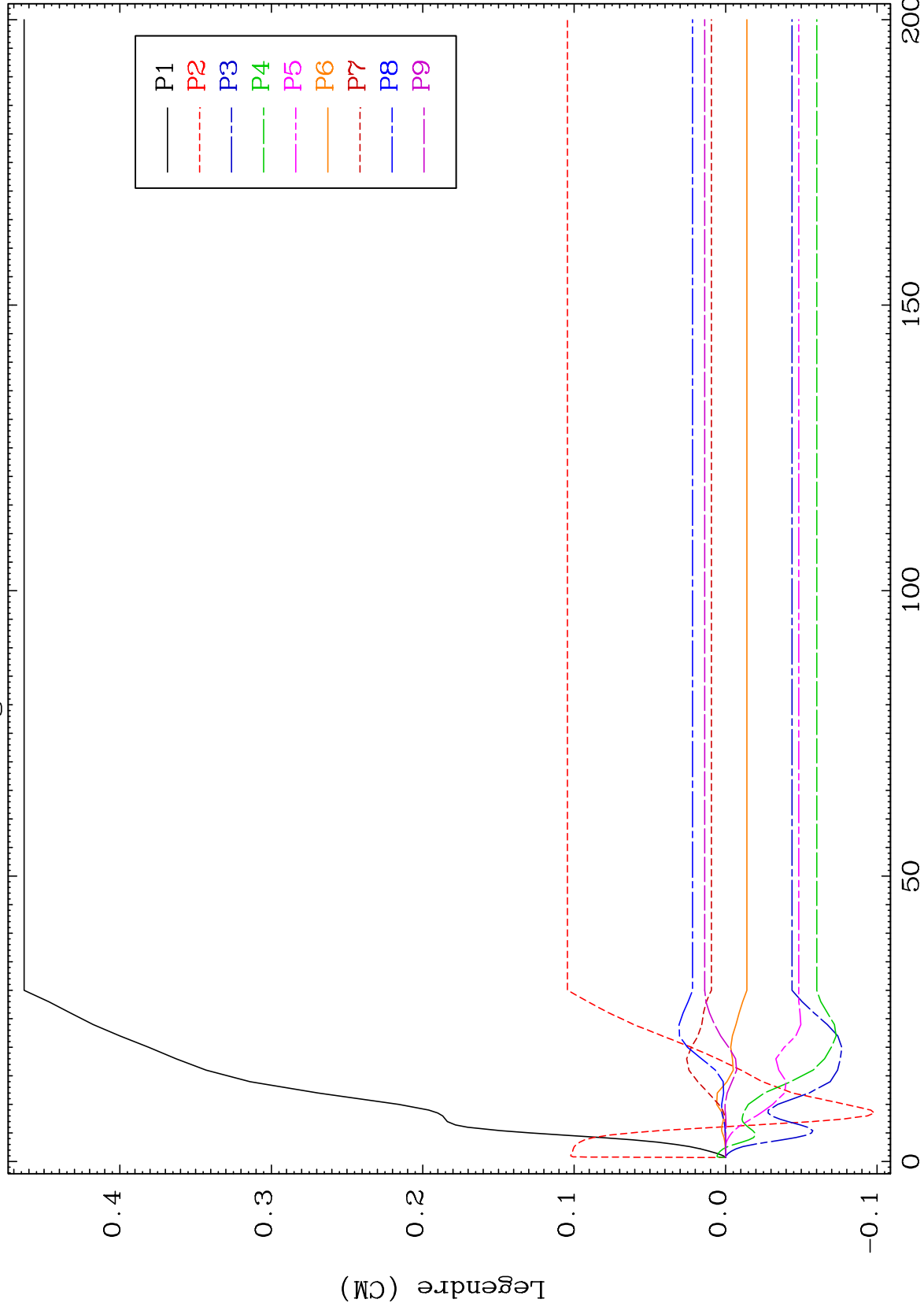


82

MAT 7671

MT= 67 (n,n') Level  
Legendre Coefficients

77-Ir-173



83

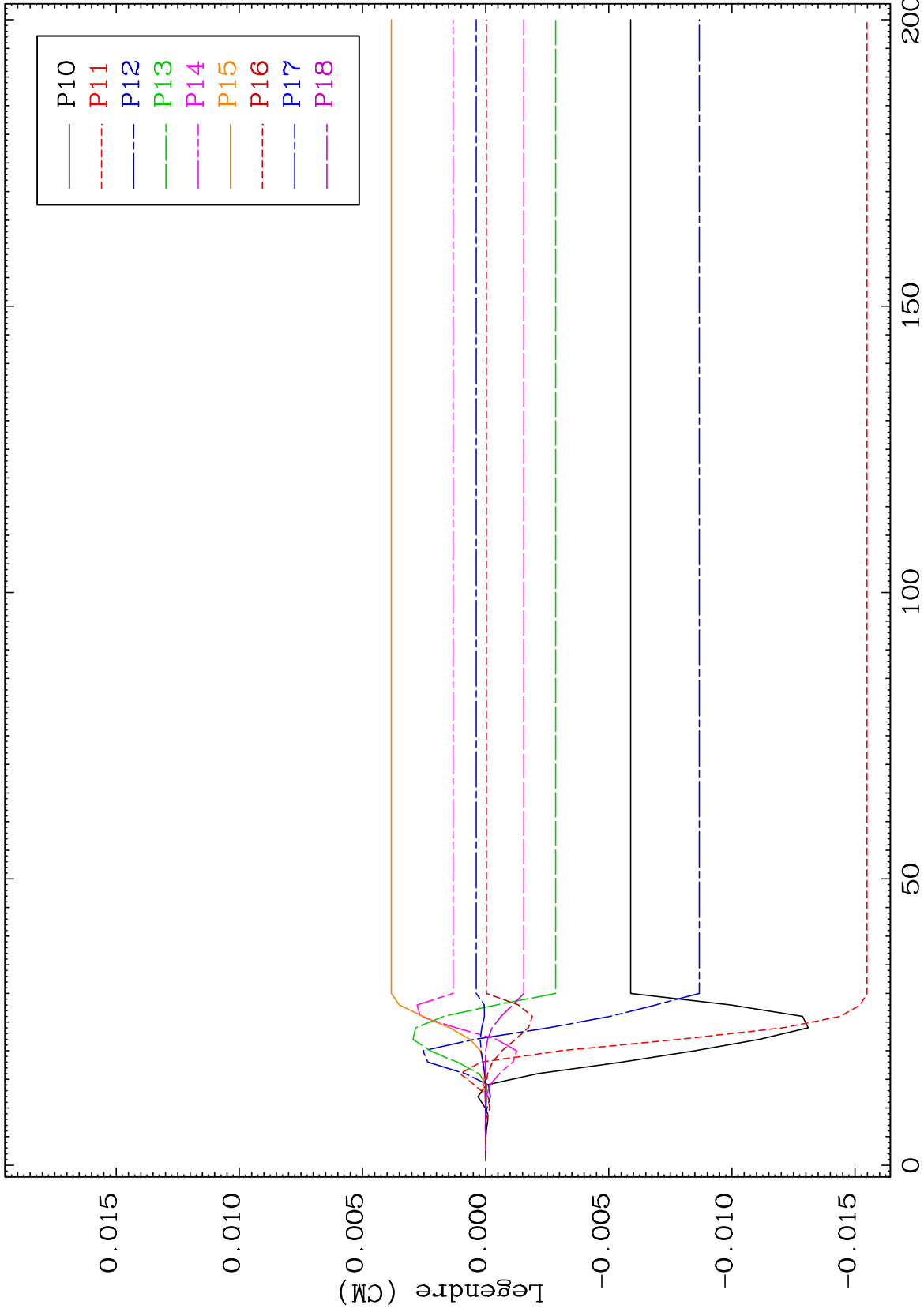
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 67 (n,n') Level  
Legendre Coefficients

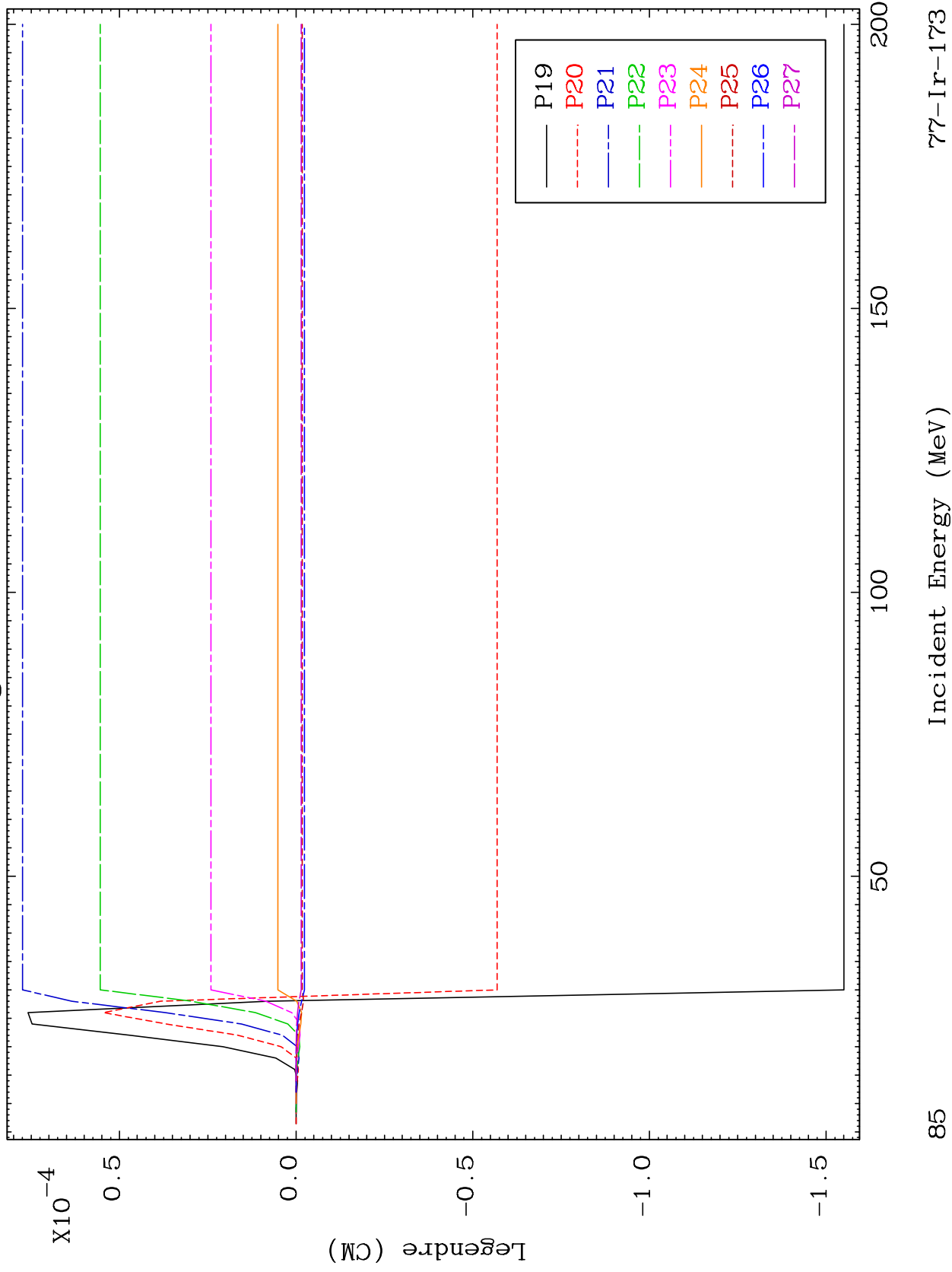
77-Ir-173



84

Incident Energy (MeV)

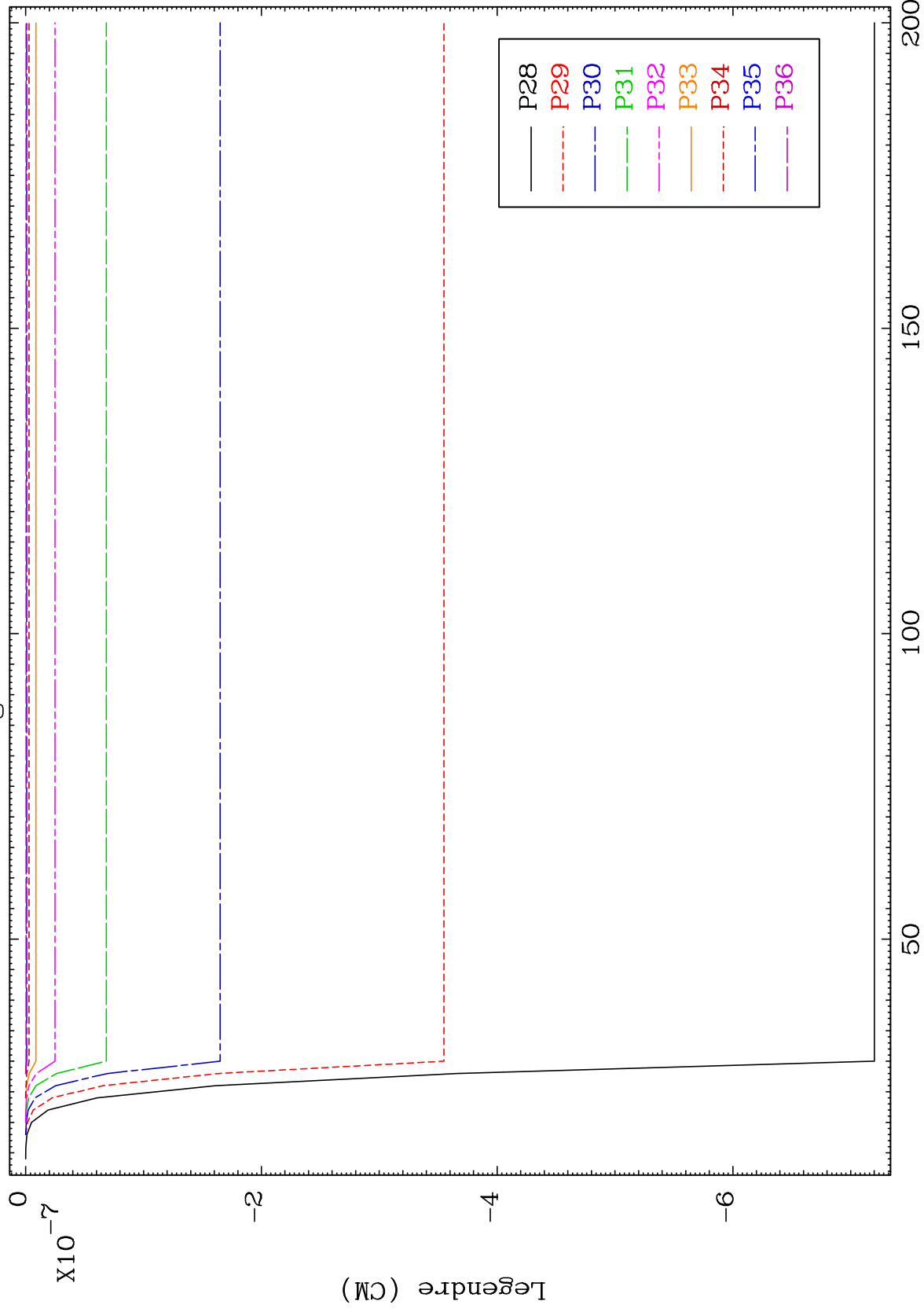
77-Ir-173



MAT 7671

77-Ir-173

MT= 67 (n,n') Level  
Legendre Coefficients



86

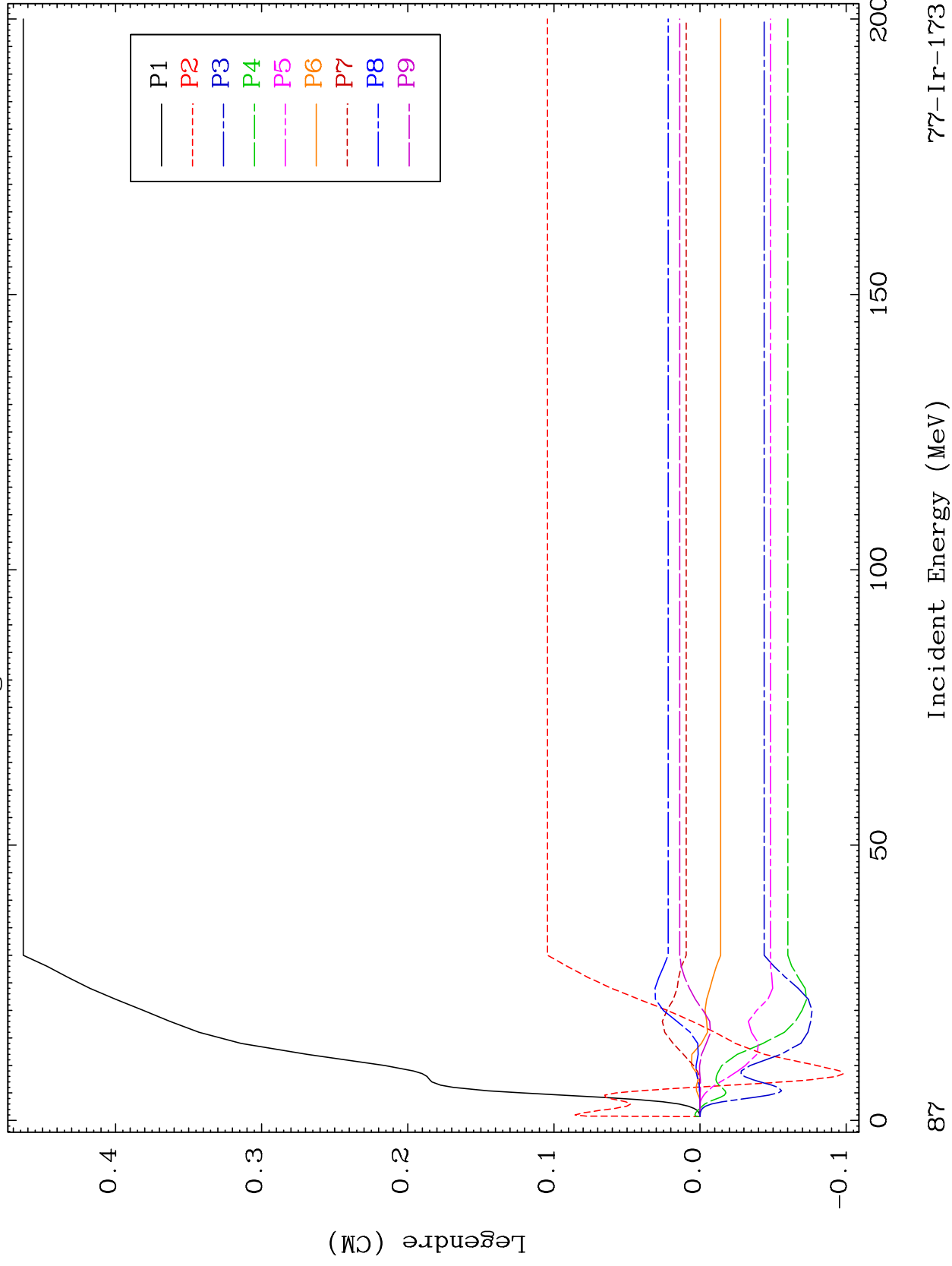
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 68 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

Incident Energy (MeV)

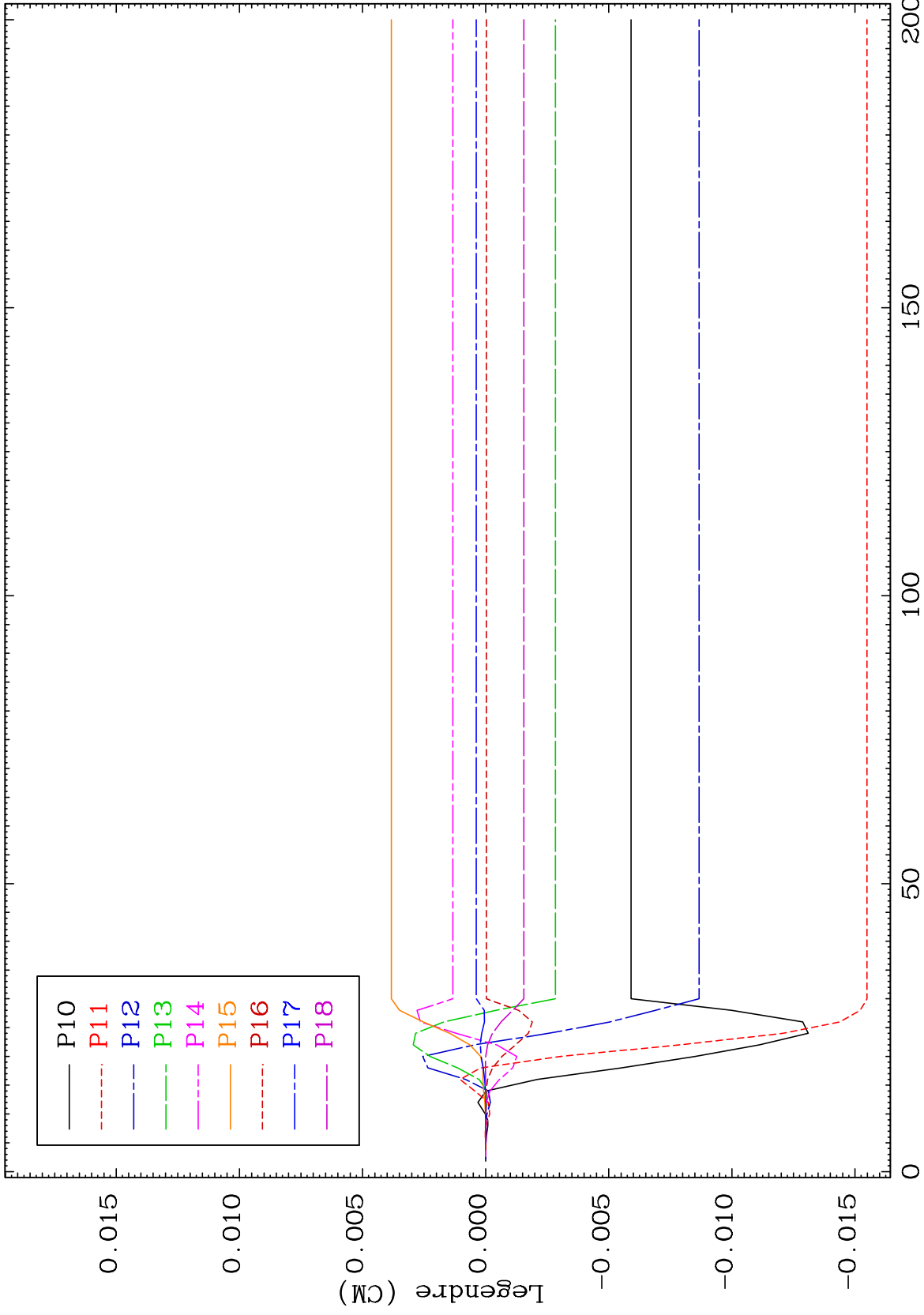
87



MAT 7671

MT= 68 (n,n') Level  
Legendre Coefficients

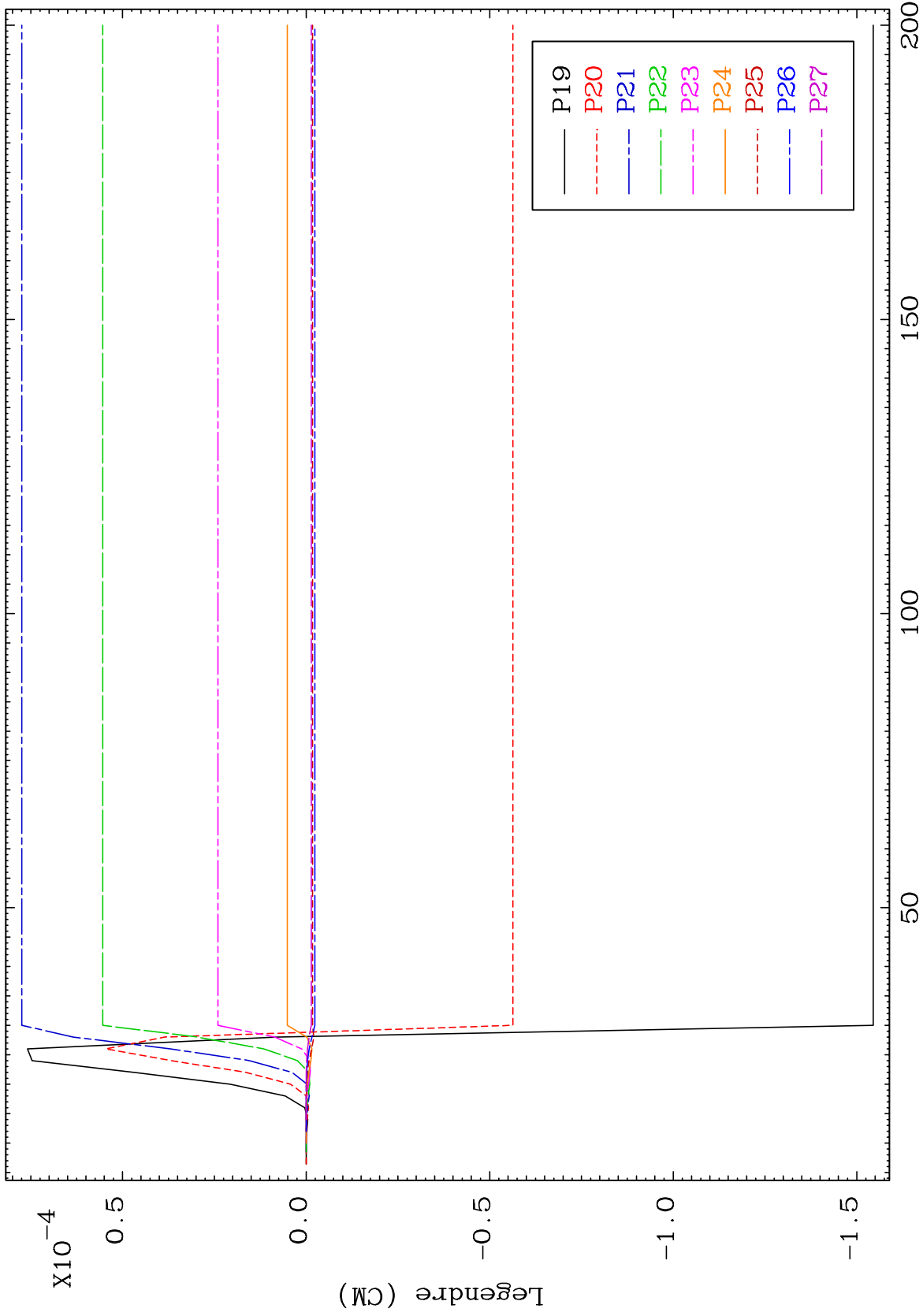
77-Ir-173

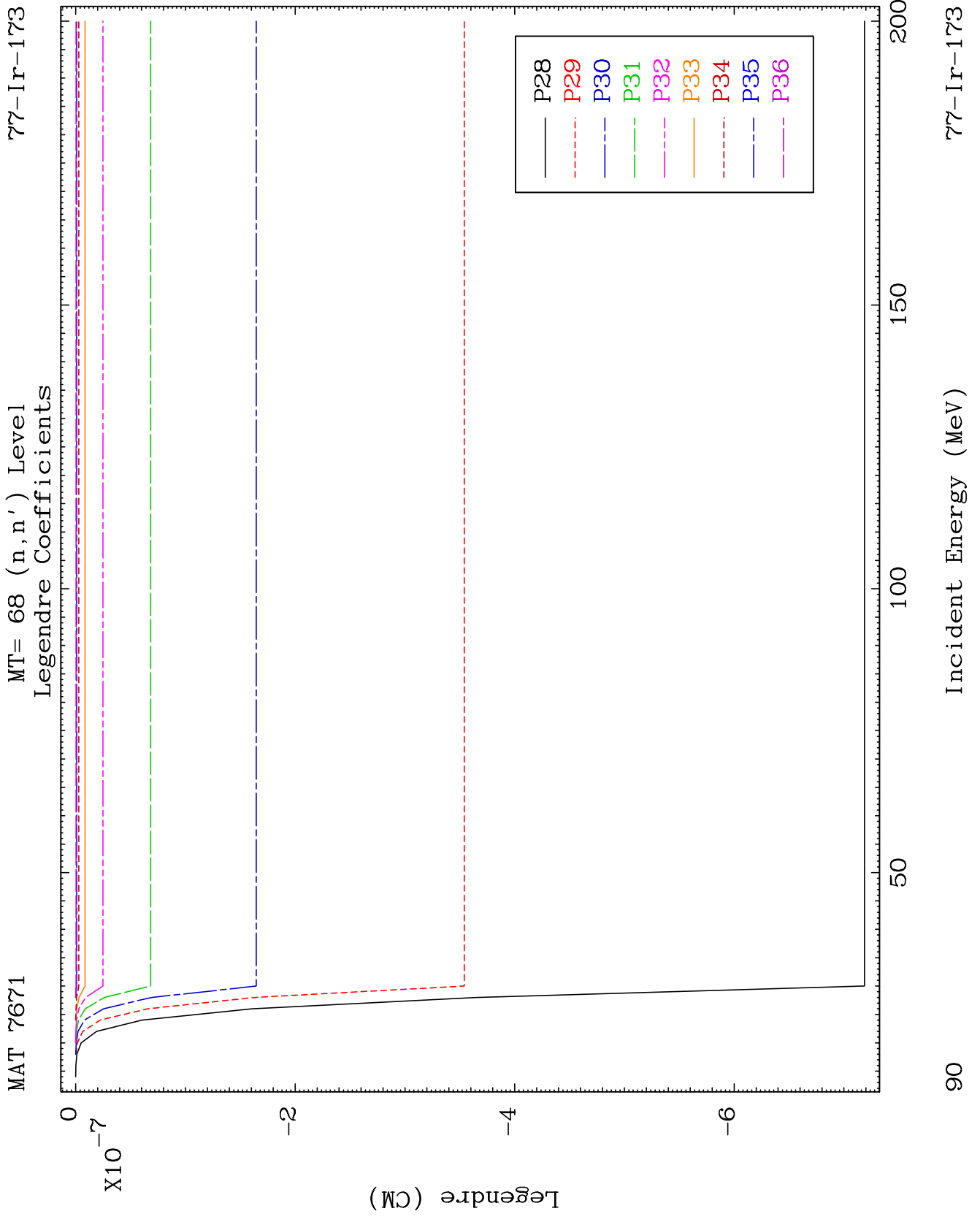


88

Incident Energy (MeV)

77-Ir-173

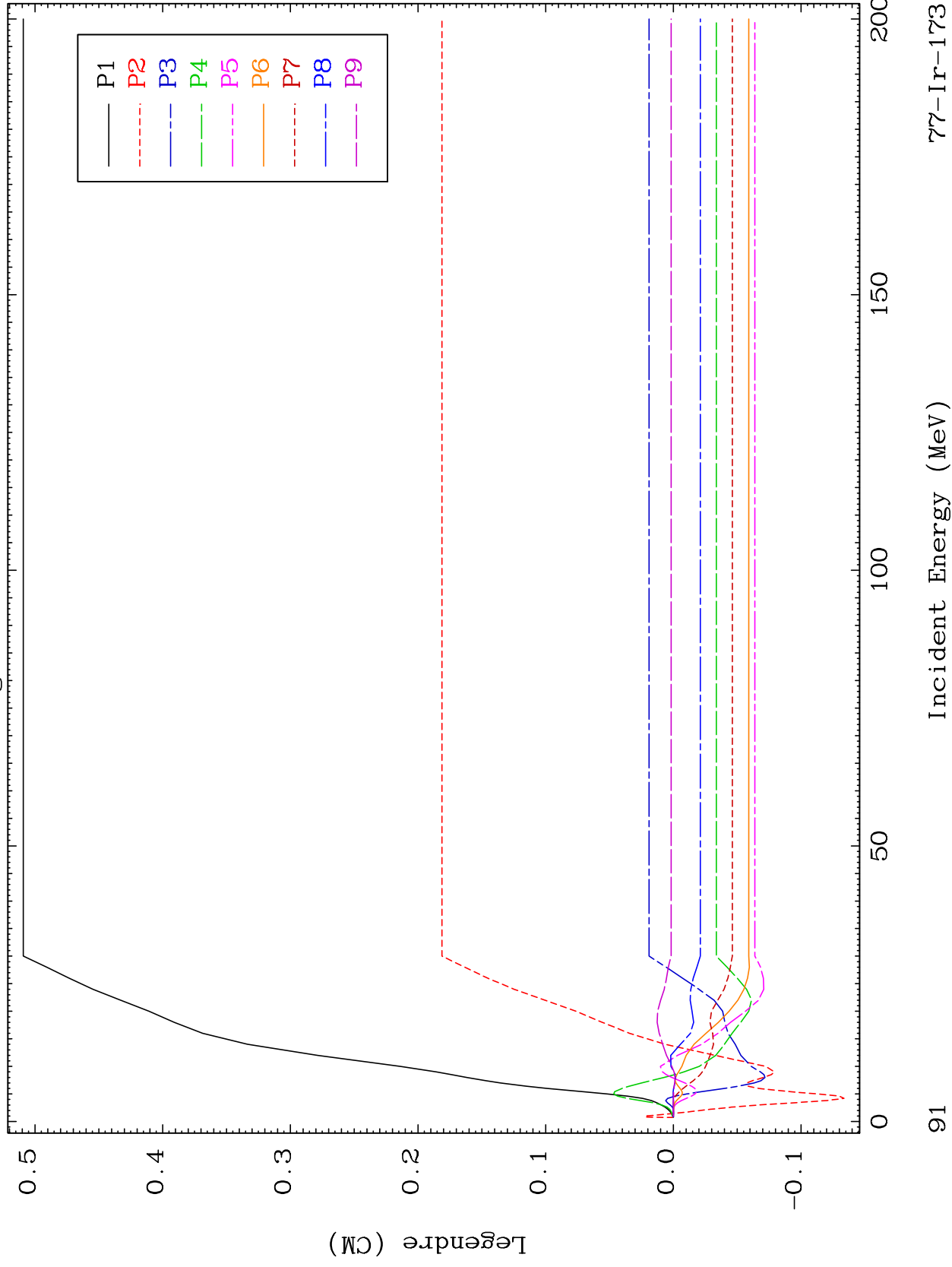




MAT 7671

MT= 69 (n,n') Level  
Legendre Coefficients

<sup>77</sup>Ir-173



<sup>77</sup>Ir-173

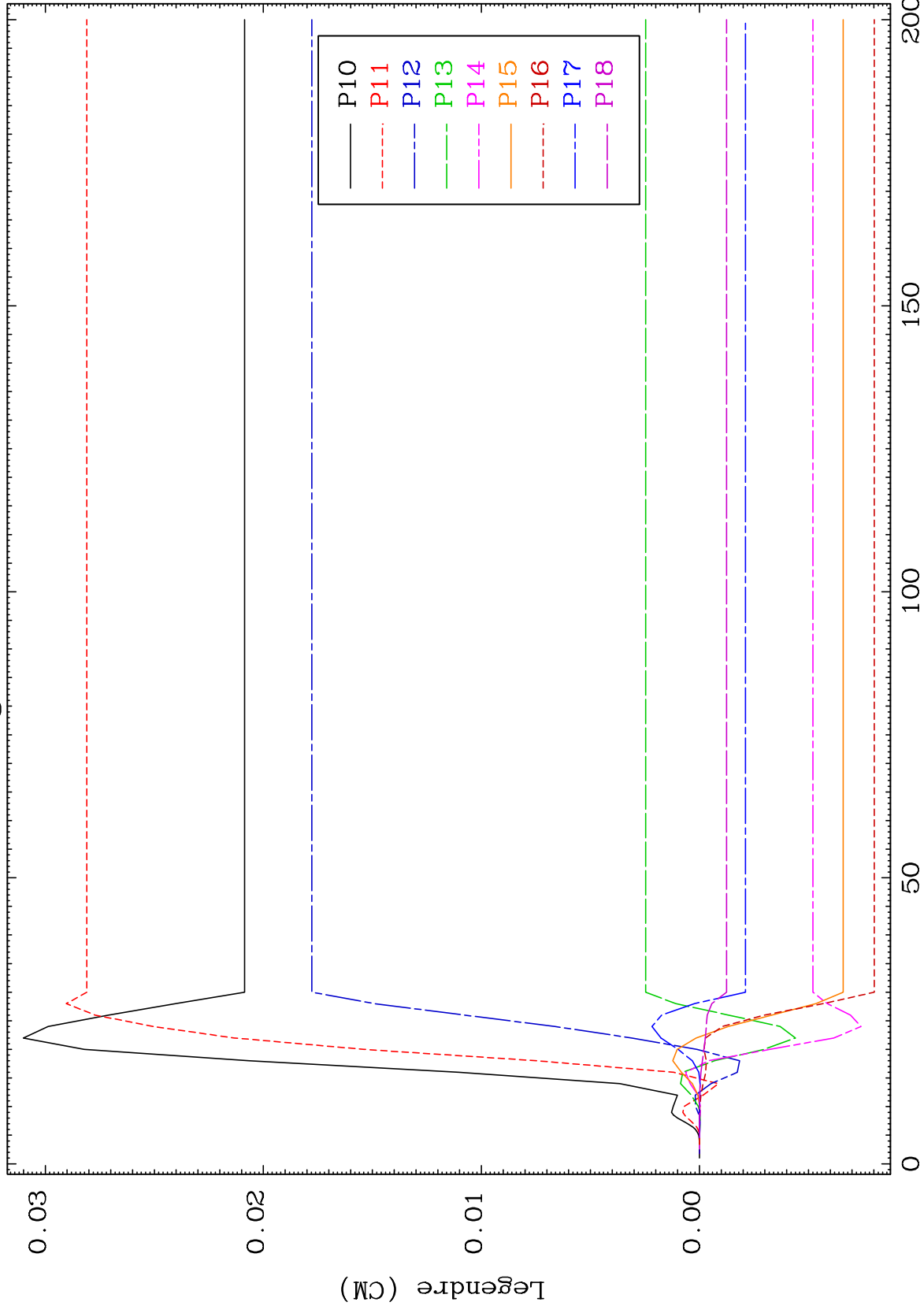
Incident Energy (MeV)

91

MAT 7671

MT= 69 (n,n') Level  
Legendre Coefficients

77-Ir-173



92

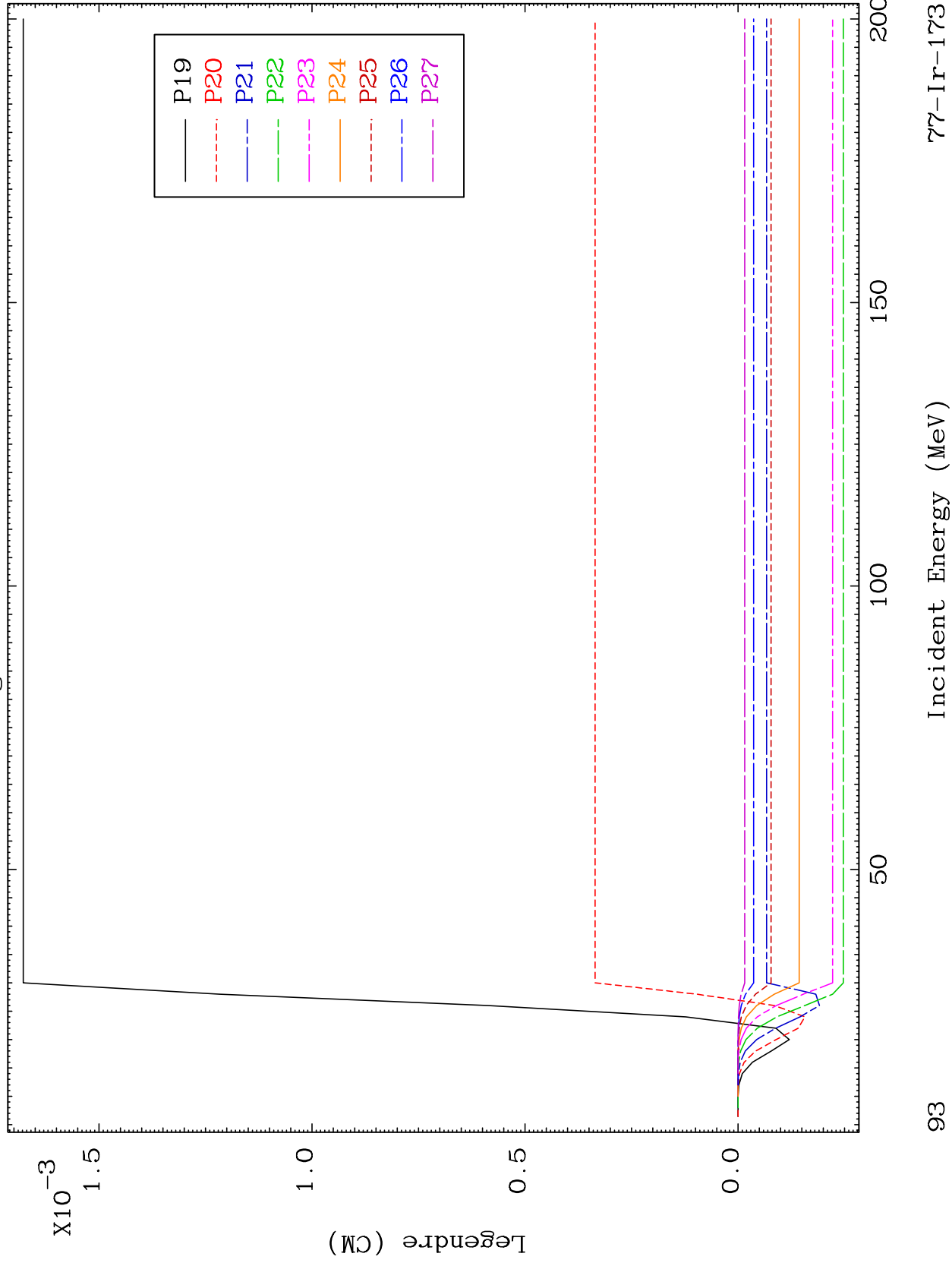
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 69 (n,n') Level  
Legendre Coefficients

<sup>77</sup>Ir-173



93

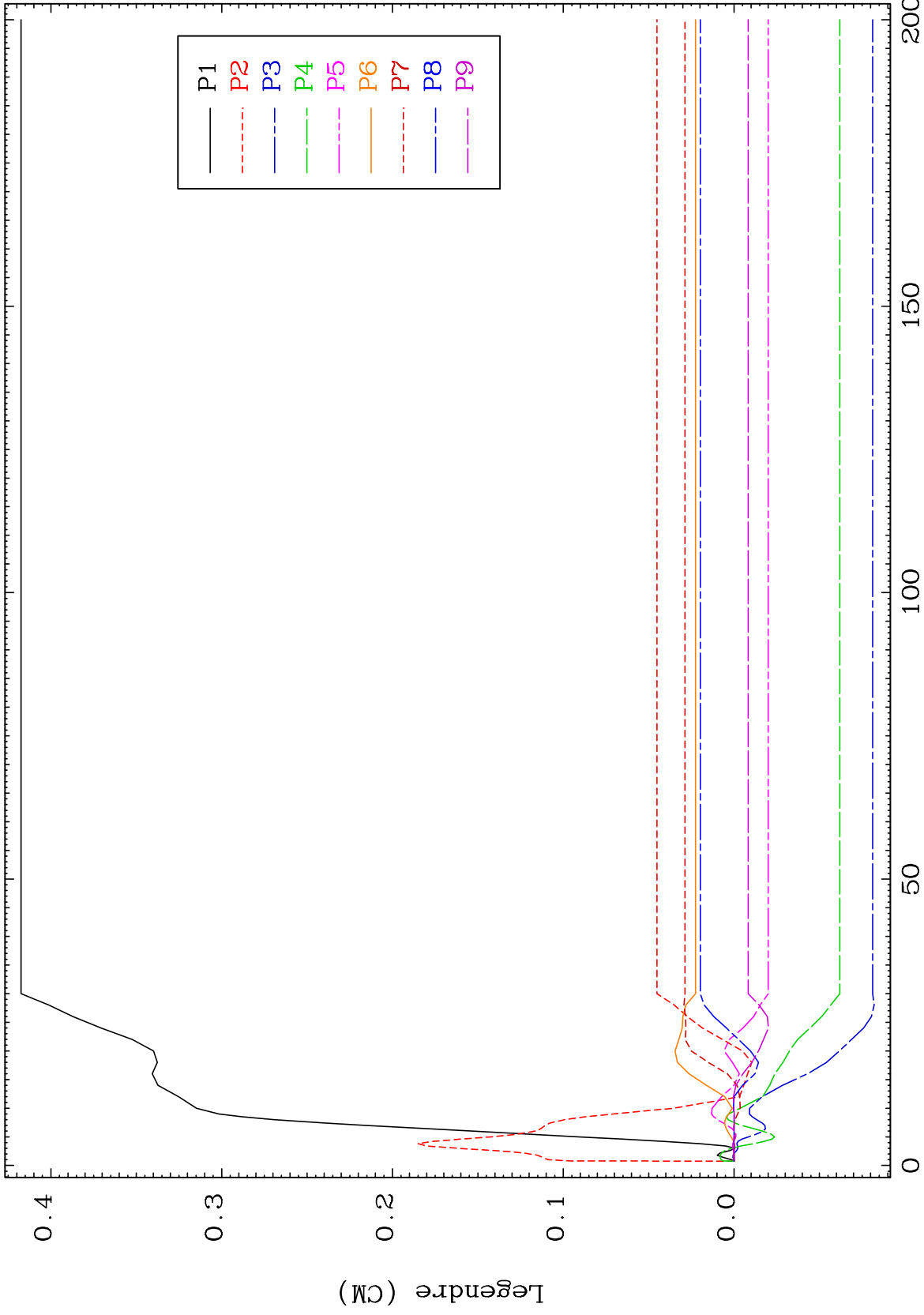
<sup>77</sup>Ir-173



MAT 7671

MT= 70 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

Incident Energy (MeV)

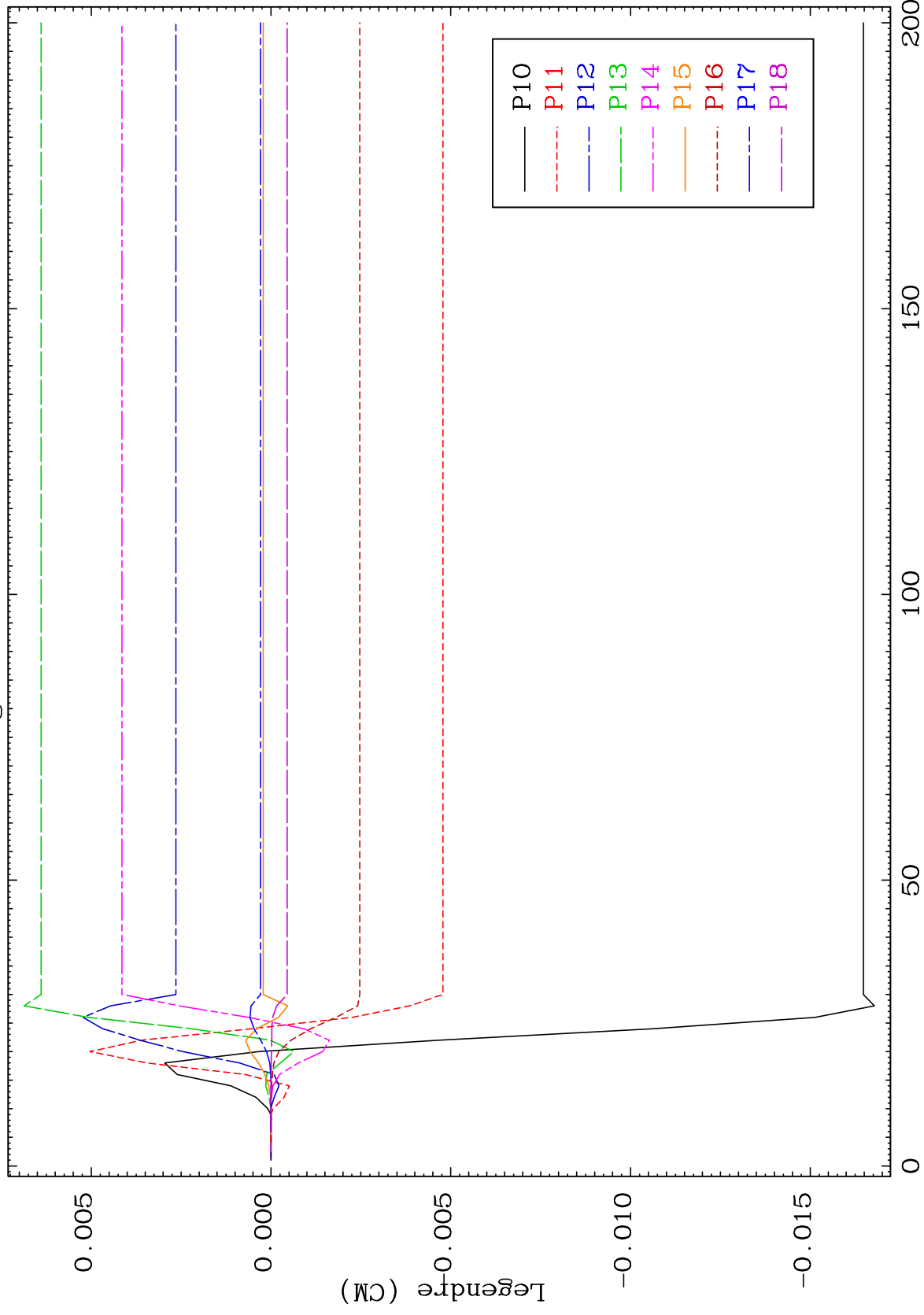
95



MAT 7671

MT= 70 (n,n') Level  
Legendre Coefficients

77-Ir-173



96

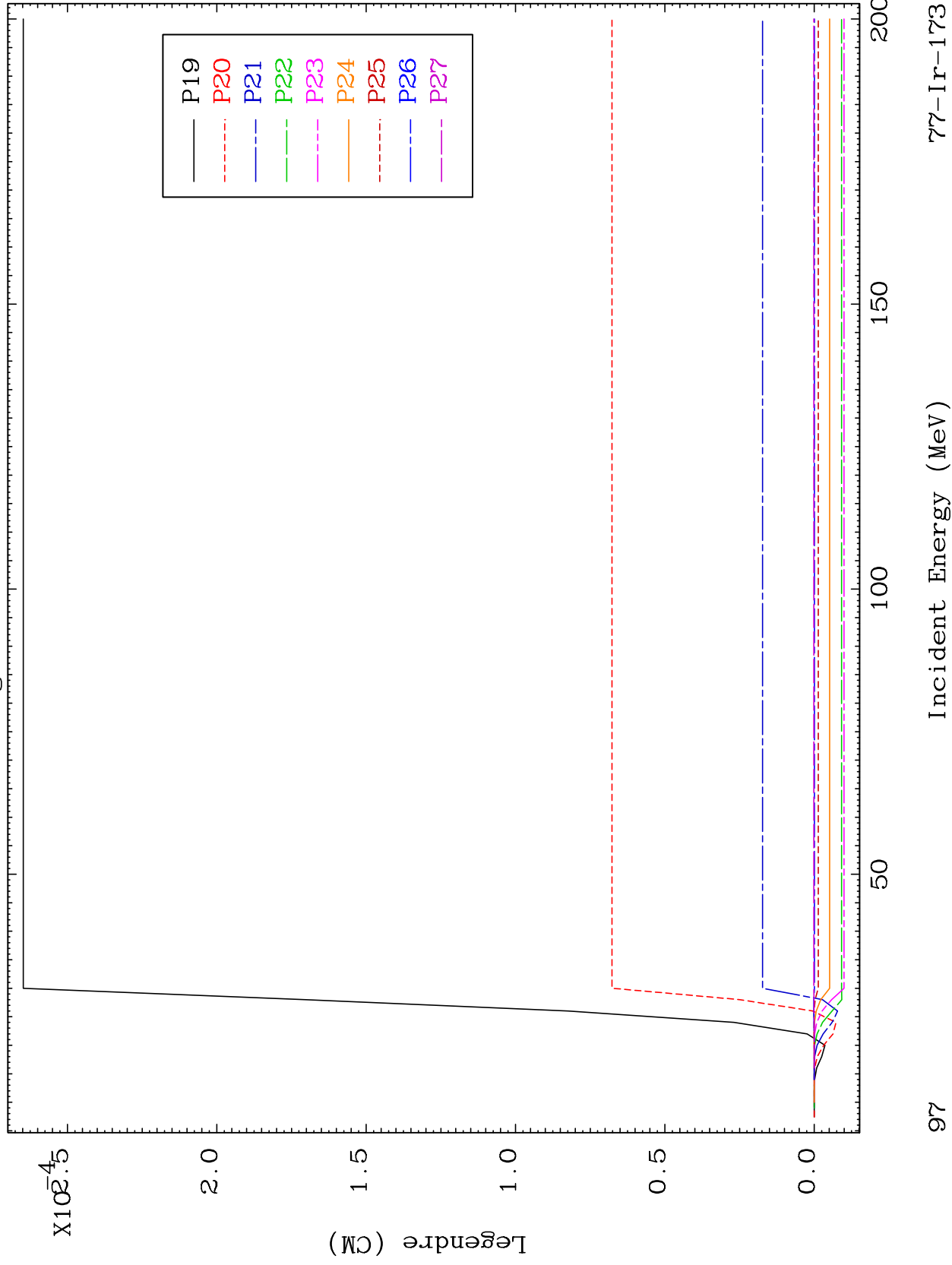
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 70 (n,n') Level  
Legendre Coefficients

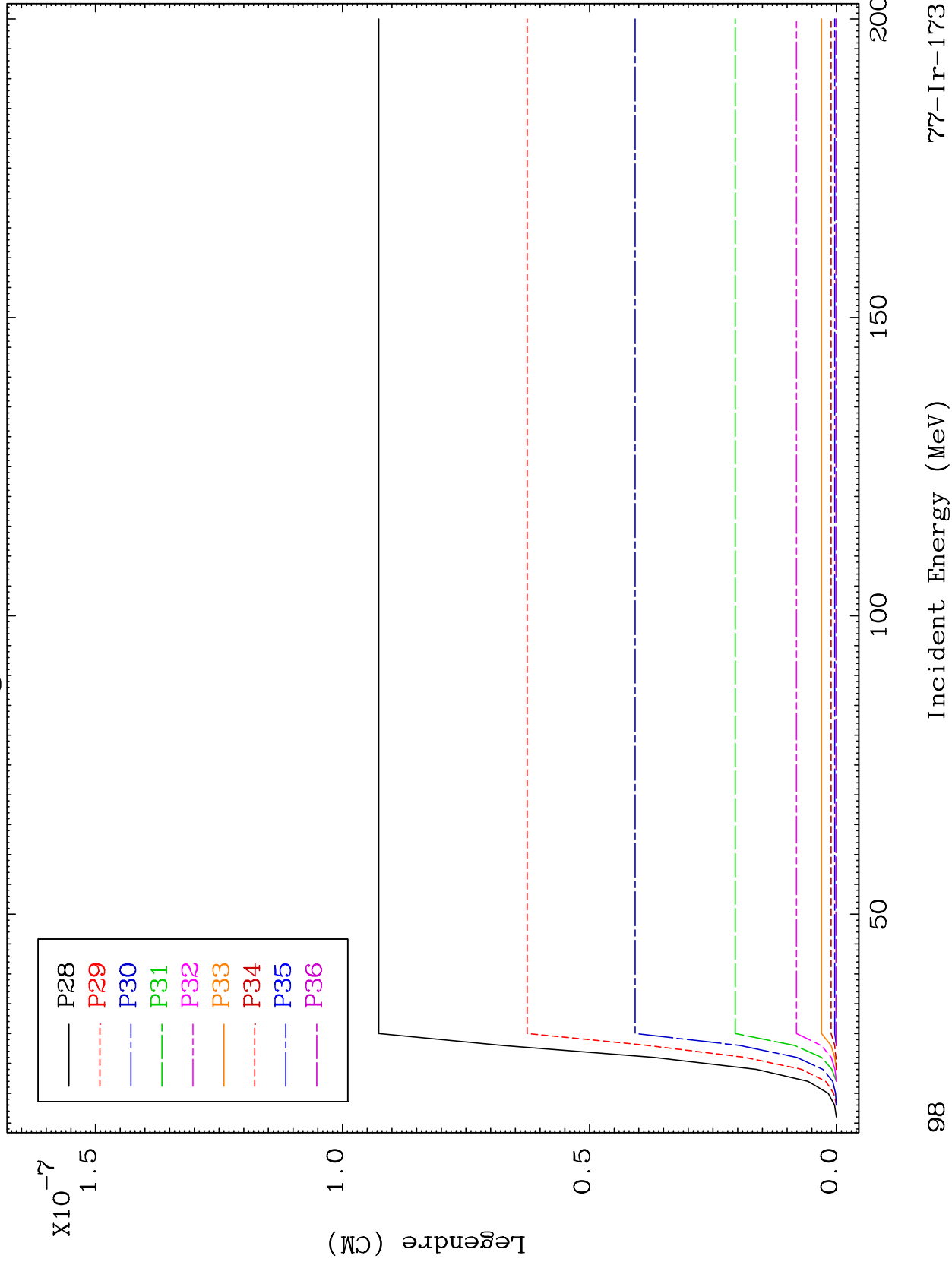
77-Ir-173



MAT 7671

MT= 70 (n,n') Level  
Legendre Coefficients

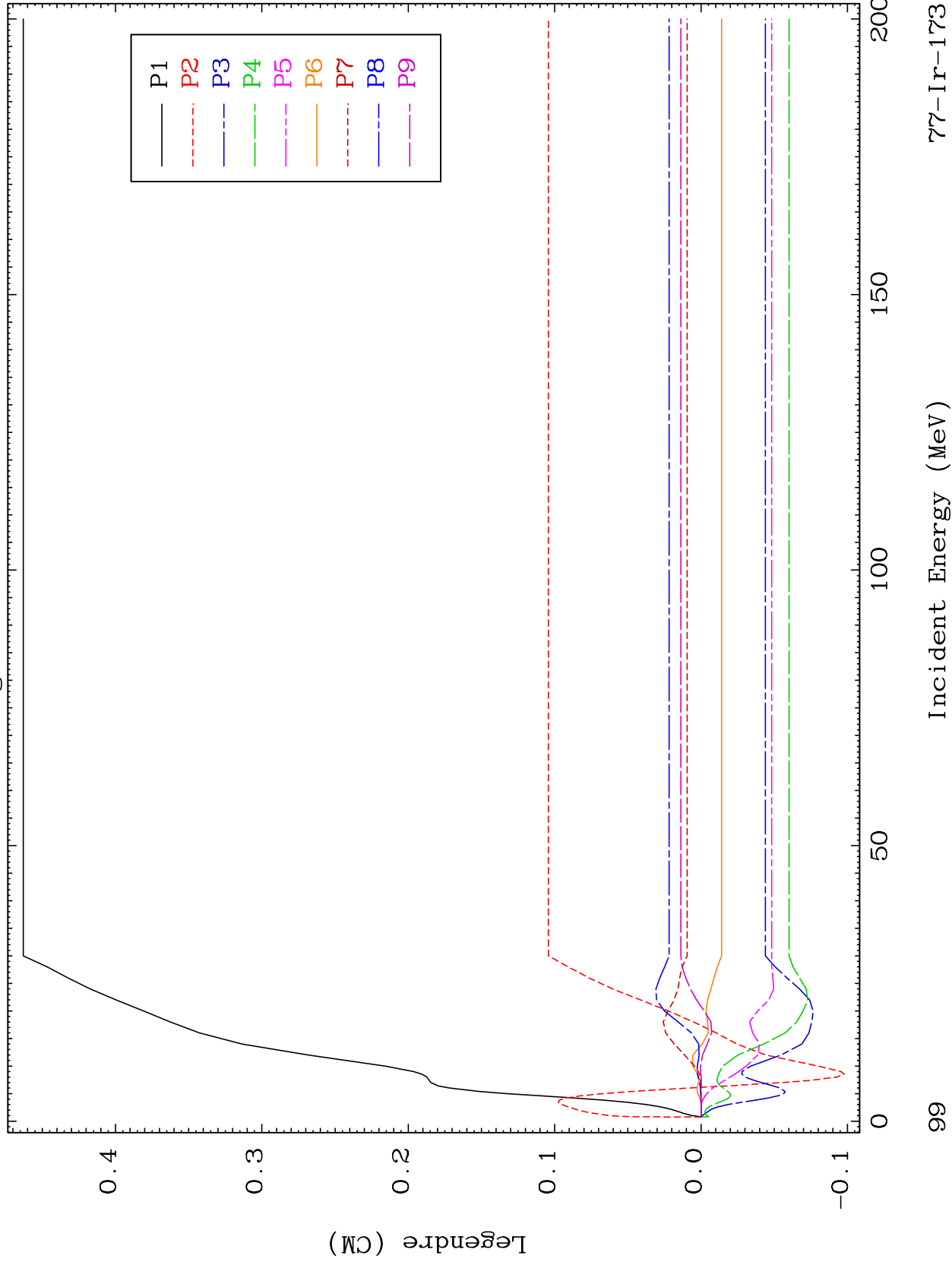
77-Ir-173



MAT 7671

MT= 71 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

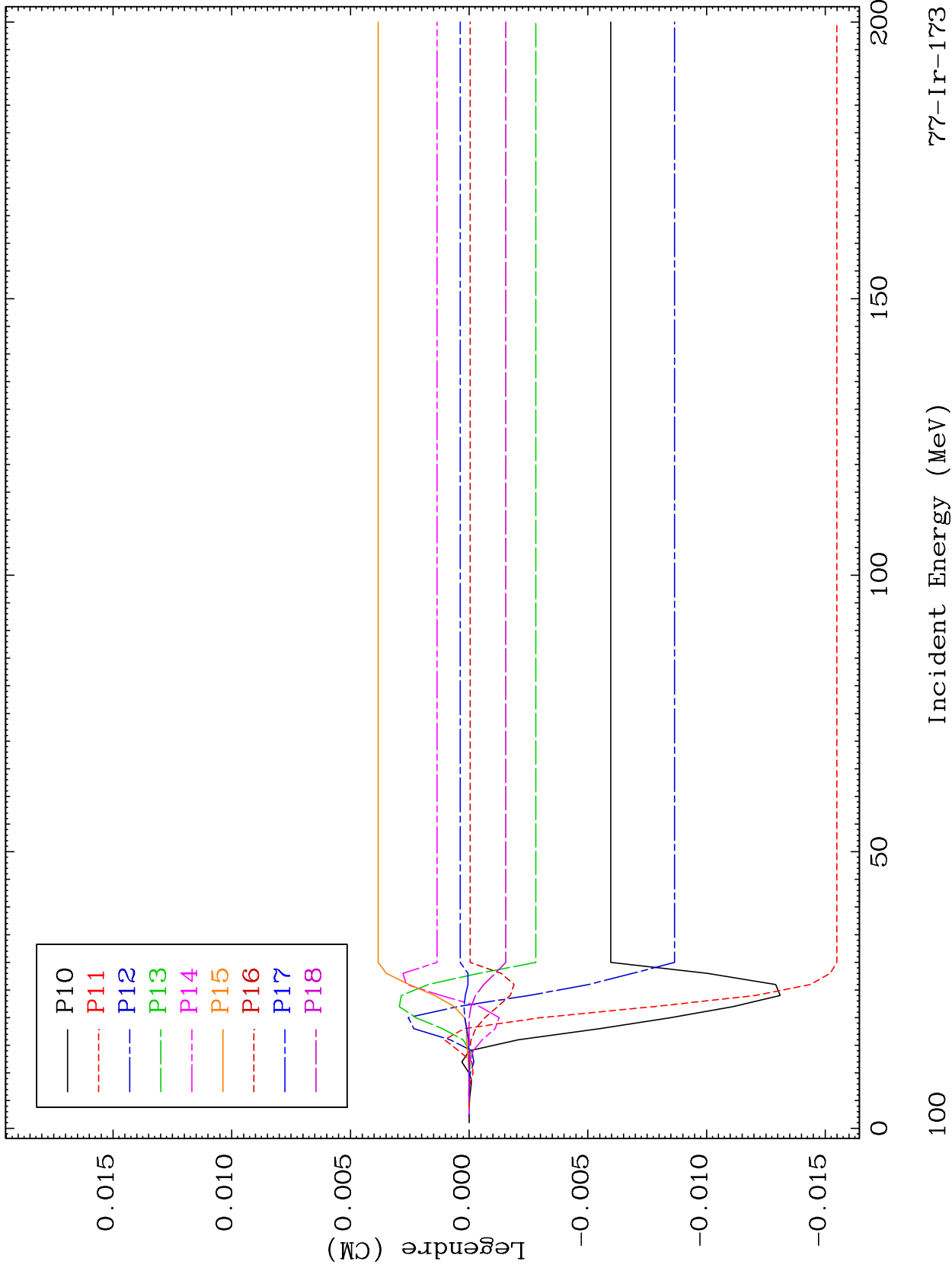
Incident Energy (MeV)

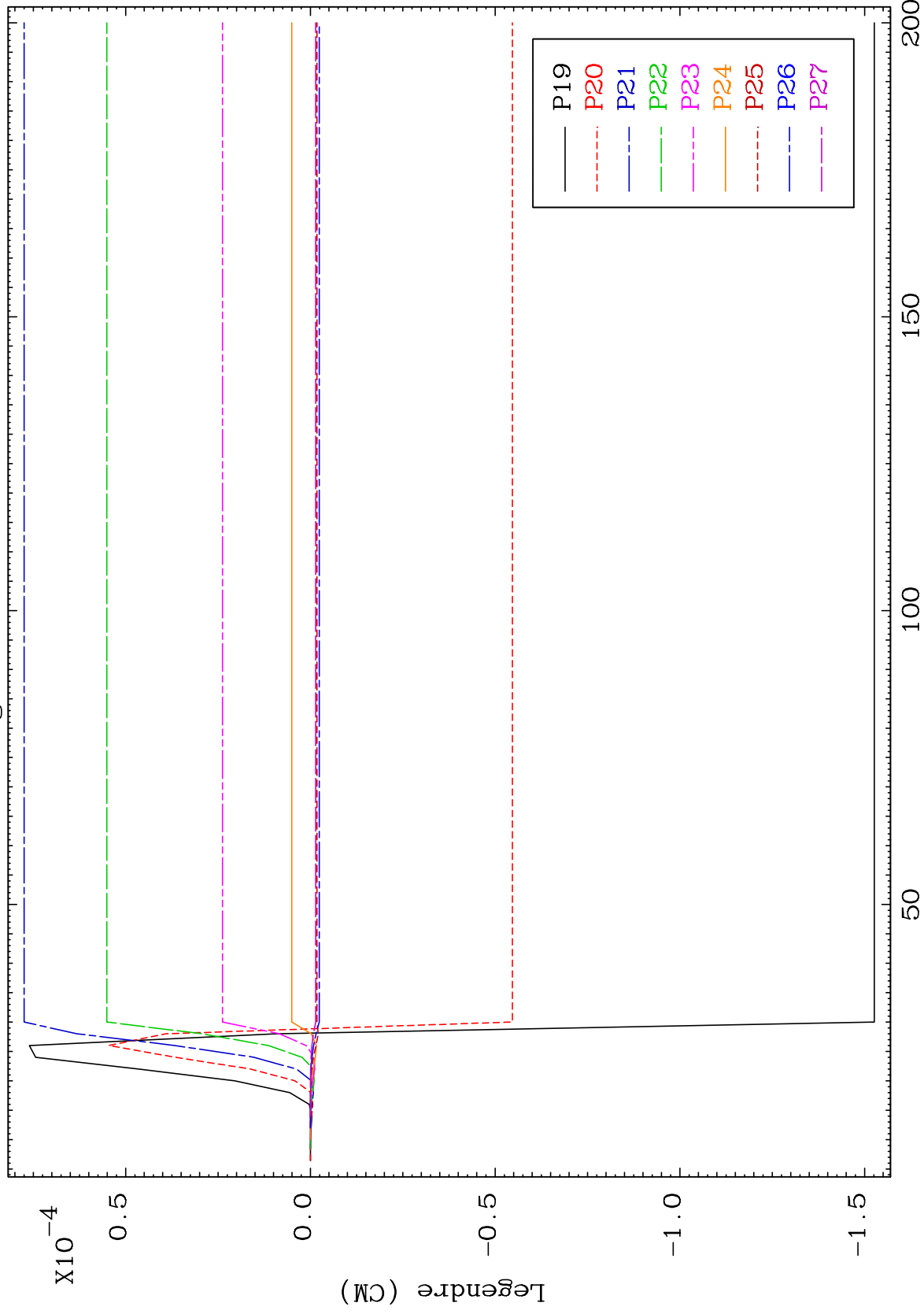
99

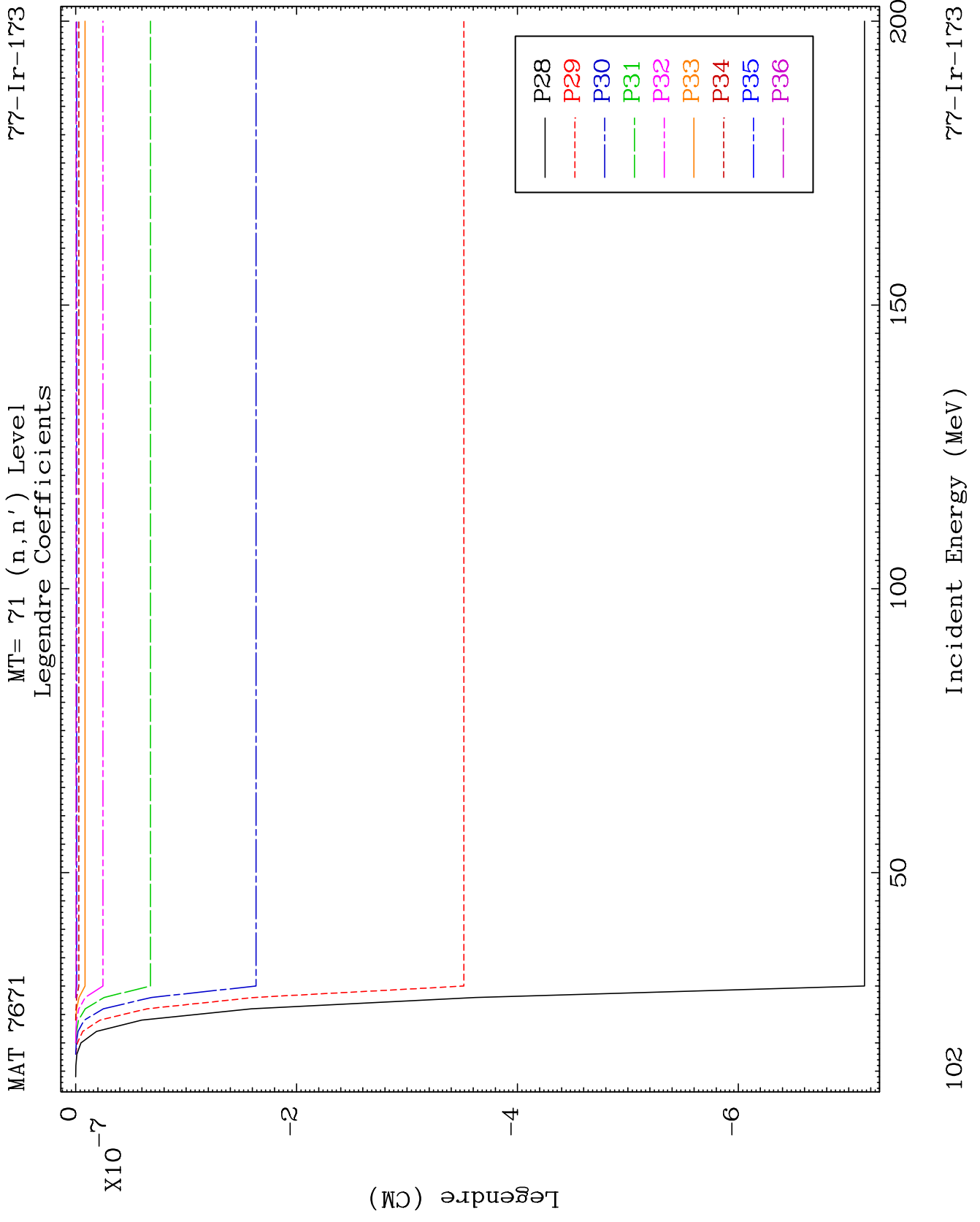
MAT 7671

MT= 71 (n,n') Level  
Legendre Coefficients

77-Ir-173



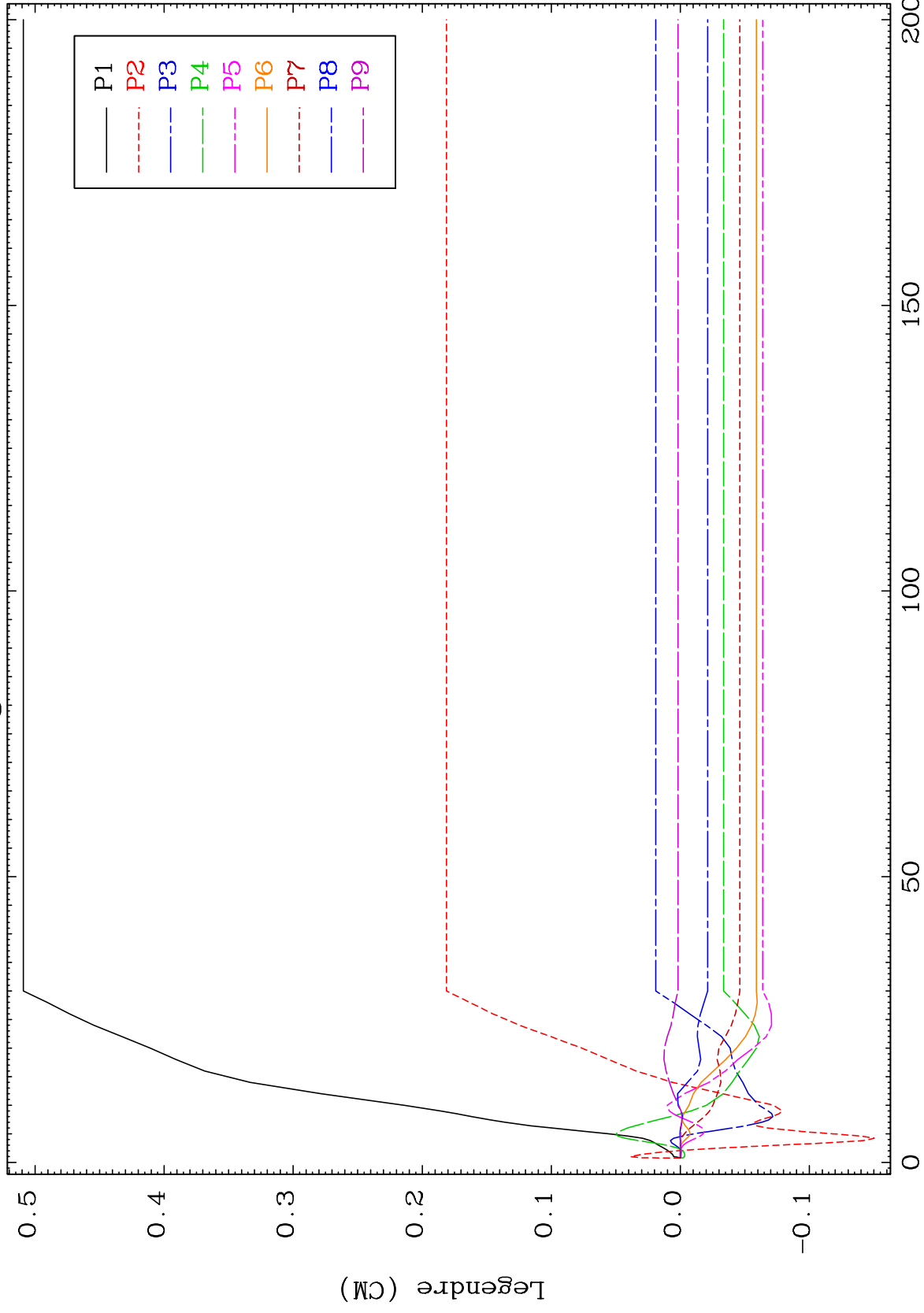




MAT 7671

MT= 72 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

Incident Energy (MeV)

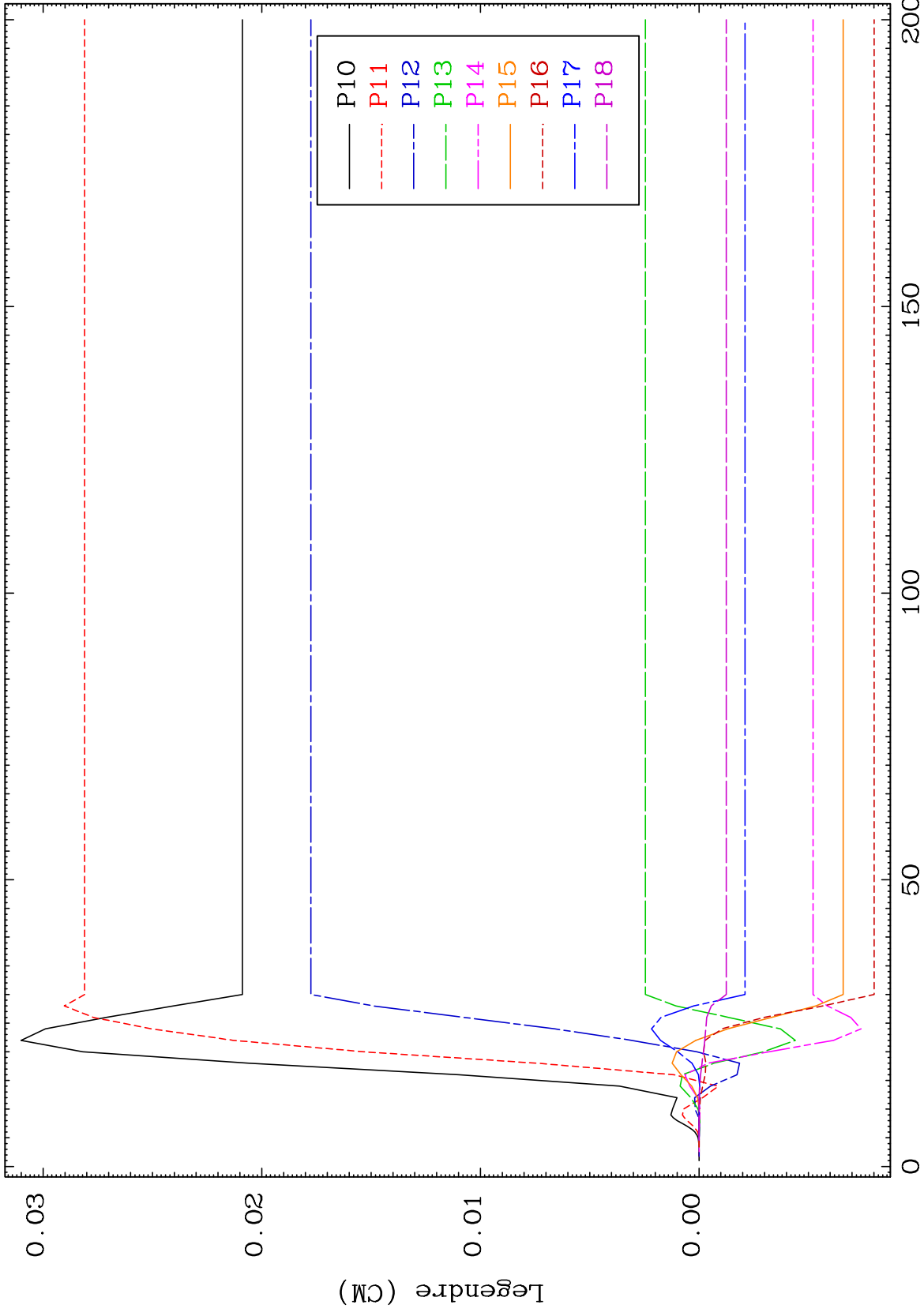
103



MAT 7671

MT= 72 (n,n') Level  
Legendre Coefficients

77-Ir-173



104

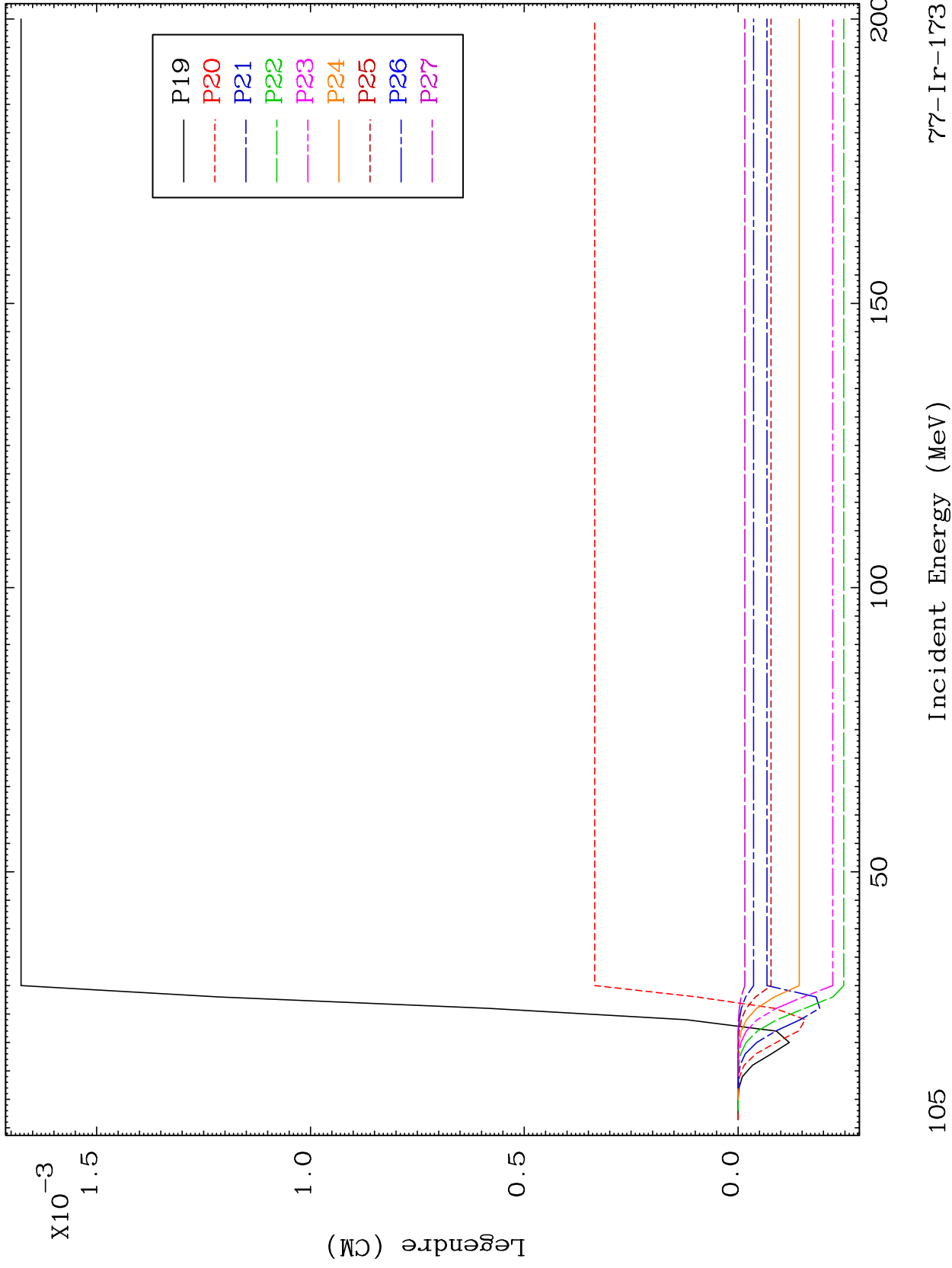
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 72 (n,n') Level  
Legendre Coefficients

77-Ir-173



105

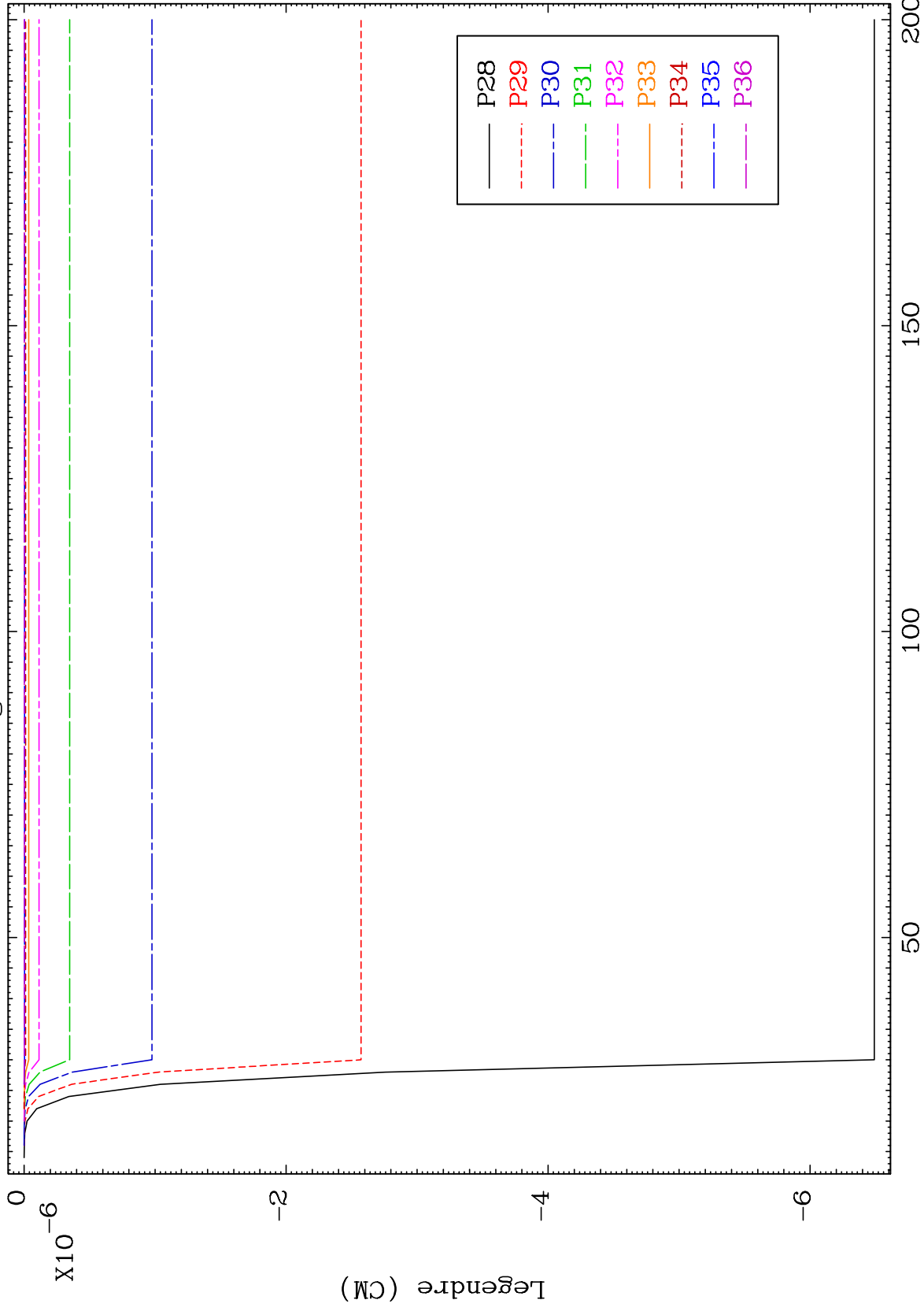
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 72 (n,n') Level  
Legendre Coefficients

77-Ir-173



106

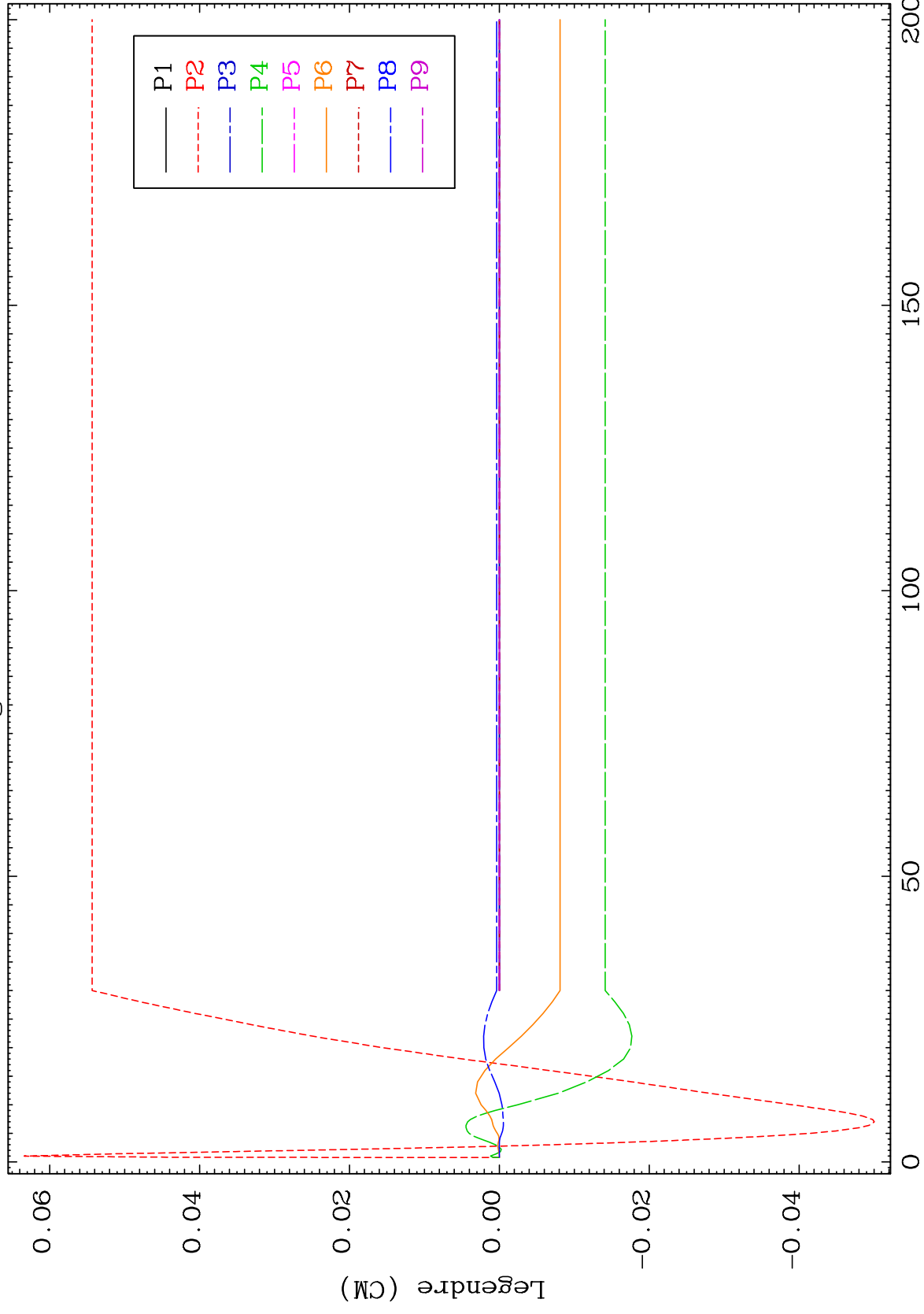
Incident Energy (MeV)

77-Ir-173

MAT 7671

MT= 73 (n,n') Level  
Legendre Coefficients

77-Ir-173



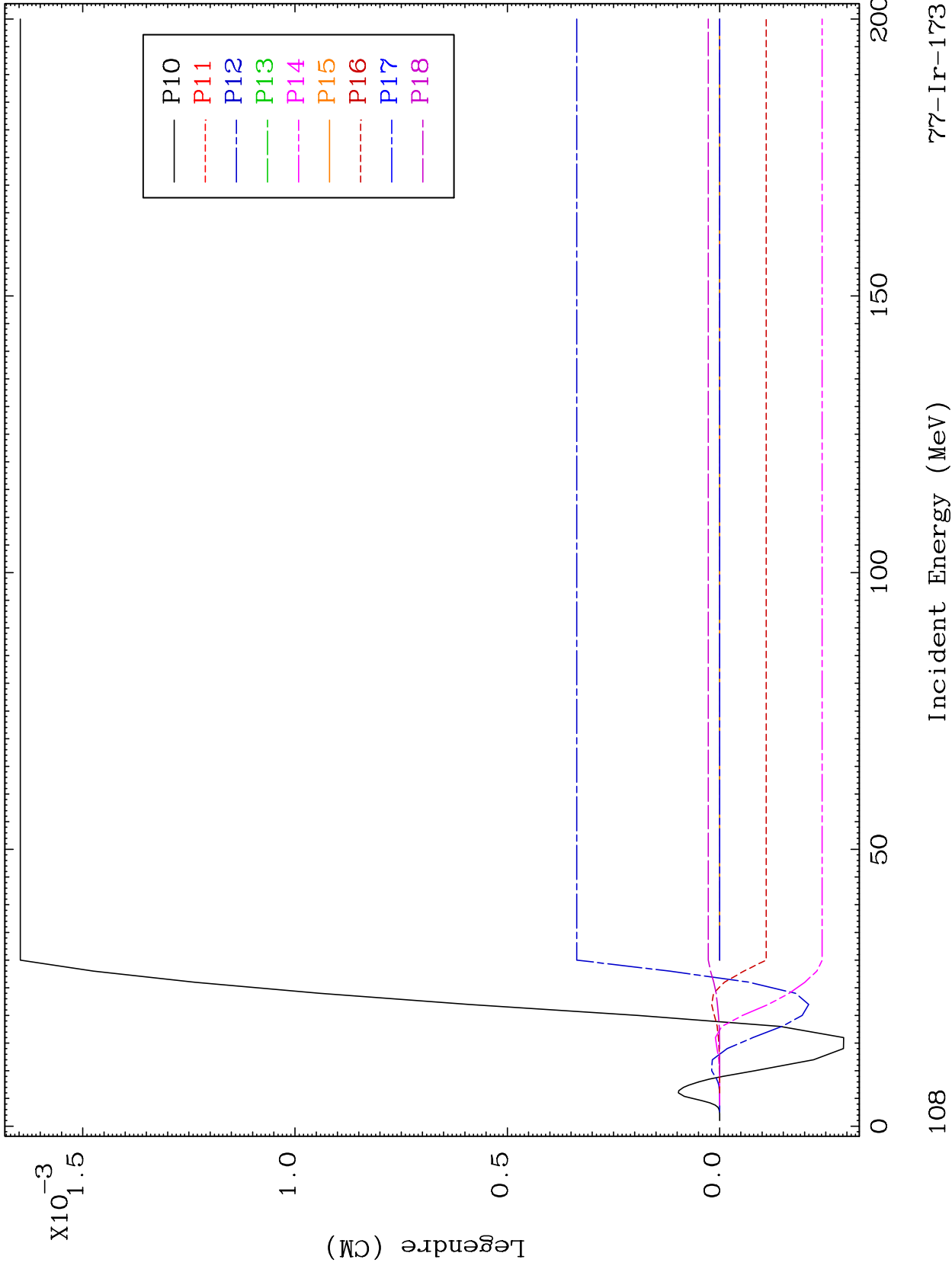
107

77-Ir-173

MAT 7671

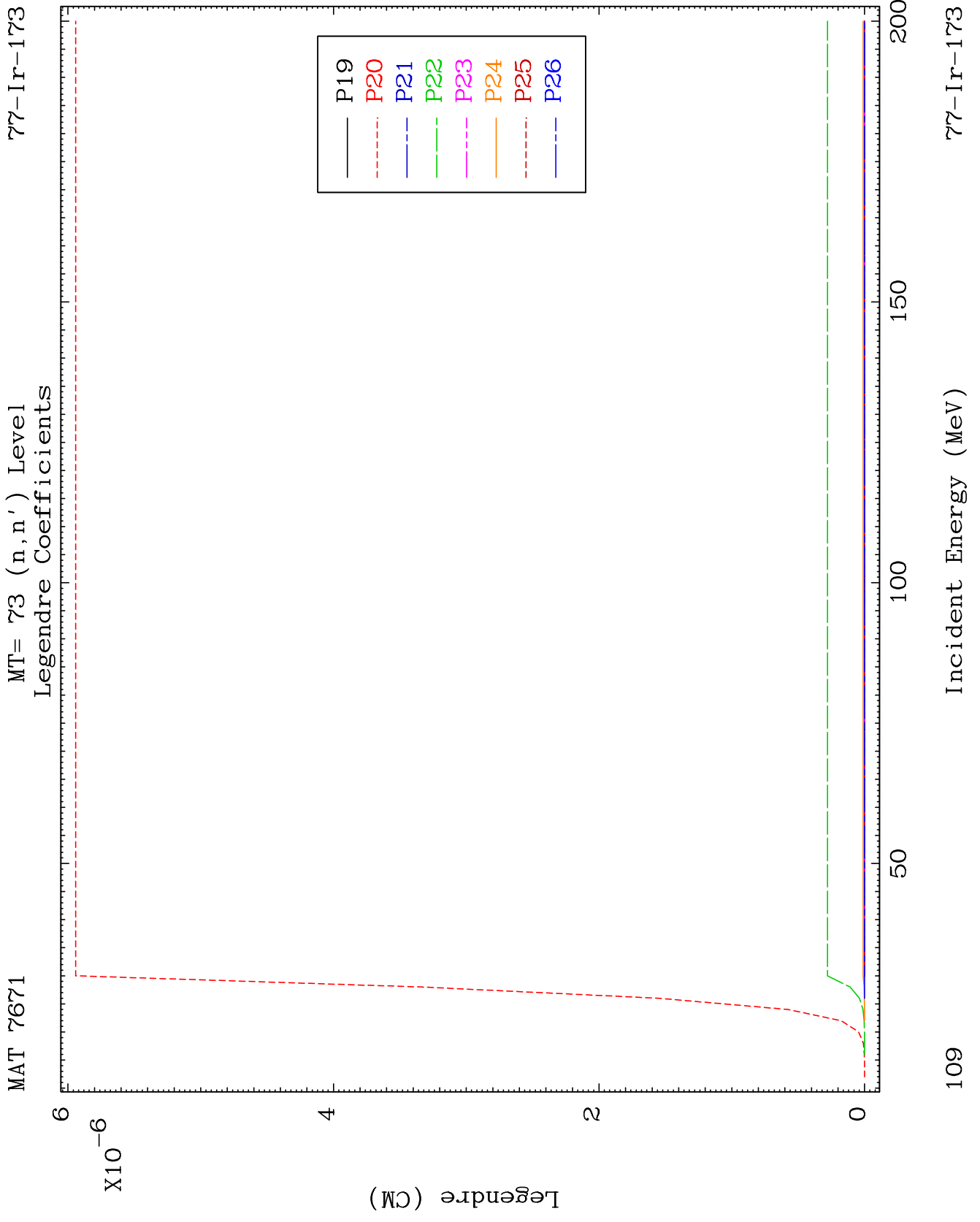
MT= 73 (n,n') Level  
Legendre Coefficients

77-Ir-173



108

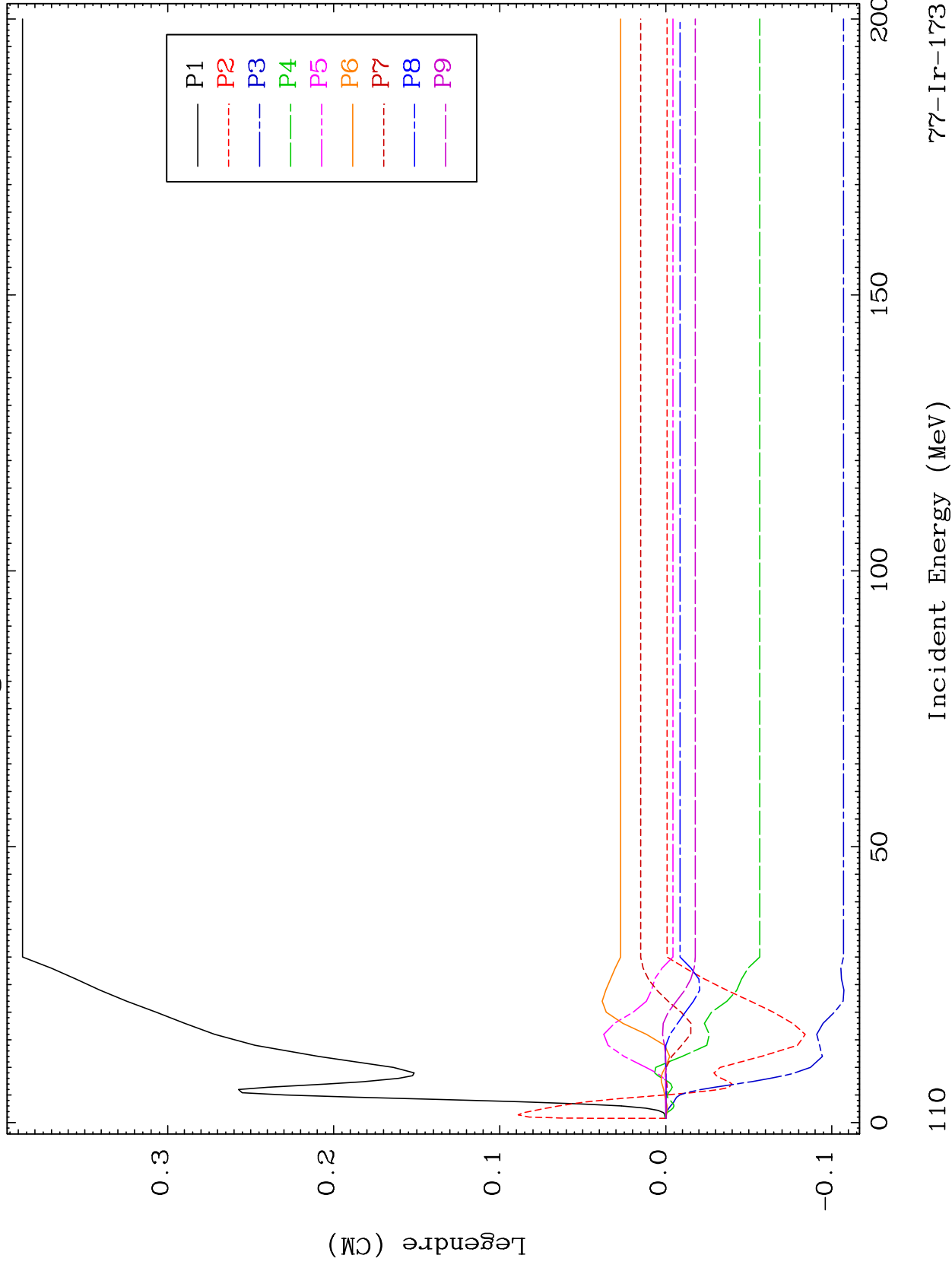
77-Ir-173



MAT 7671

MT= 74 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

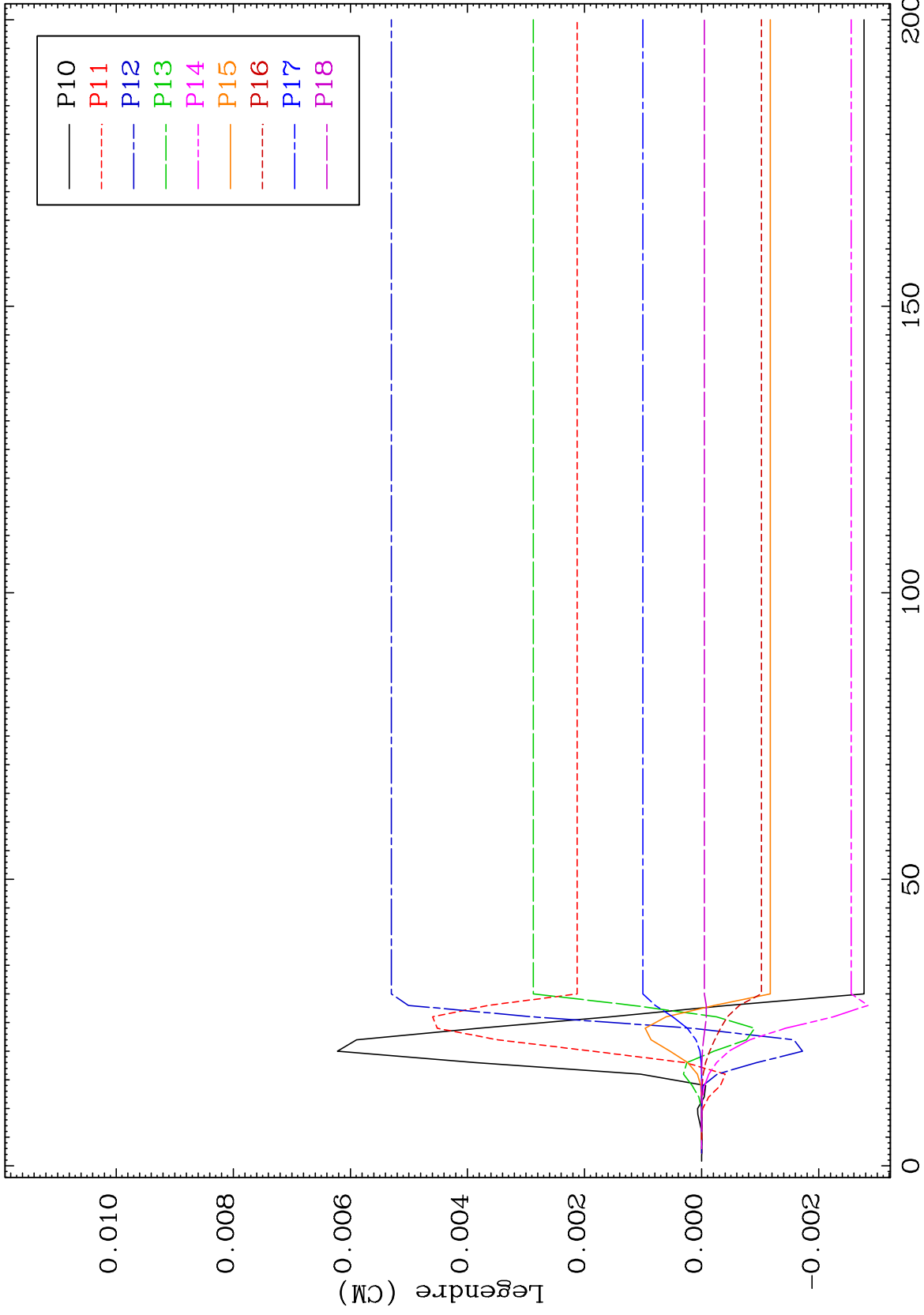
Incident Energy (MeV)

110

MAT 7671

MT= 74 (n,n') Level  
Legendre Coefficients

77-Ir-173



111

Incident Energy (MeV)

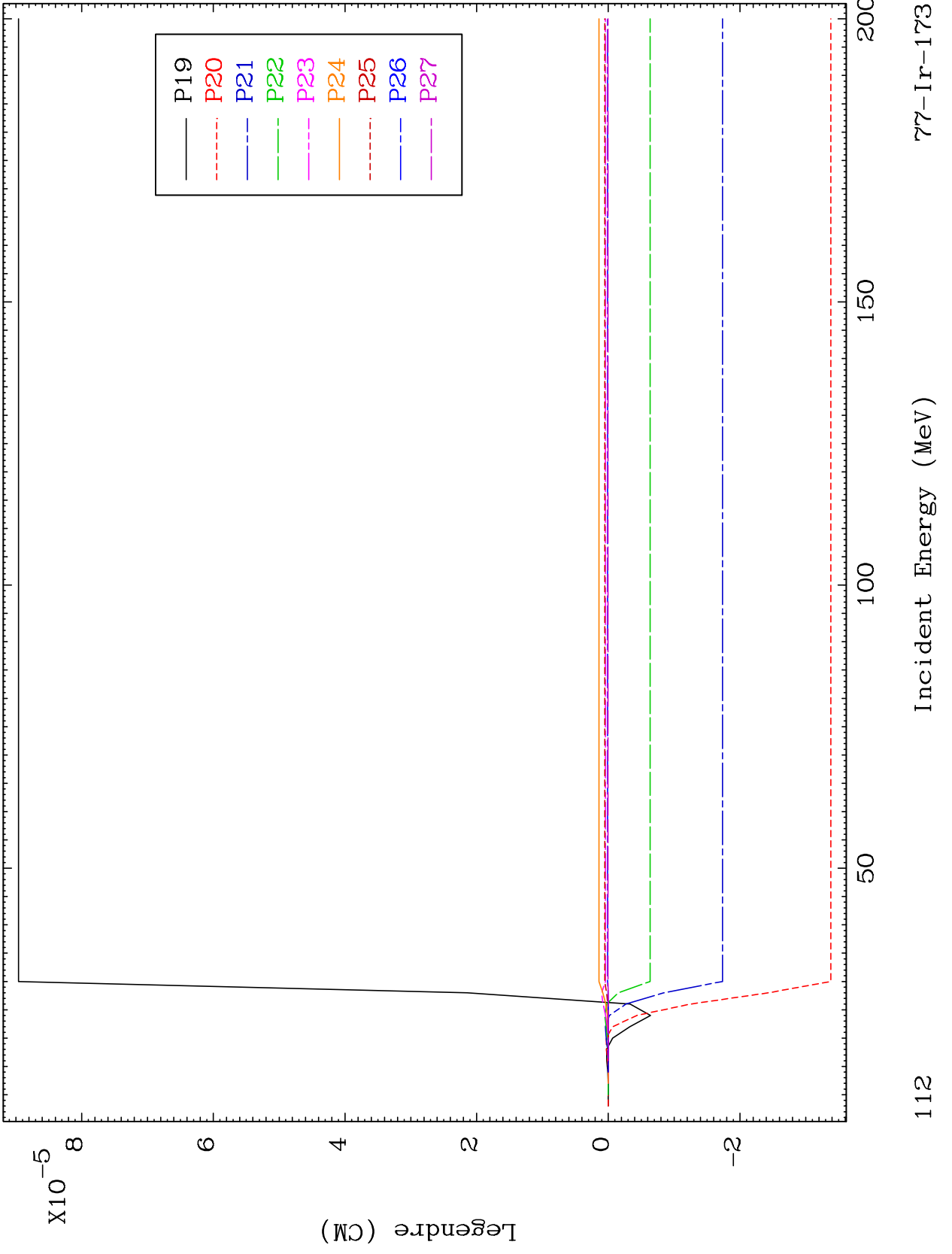
77-Ir-173



MAT 7671

MT= 74 (n,n') Level  
Legendre Coefficients

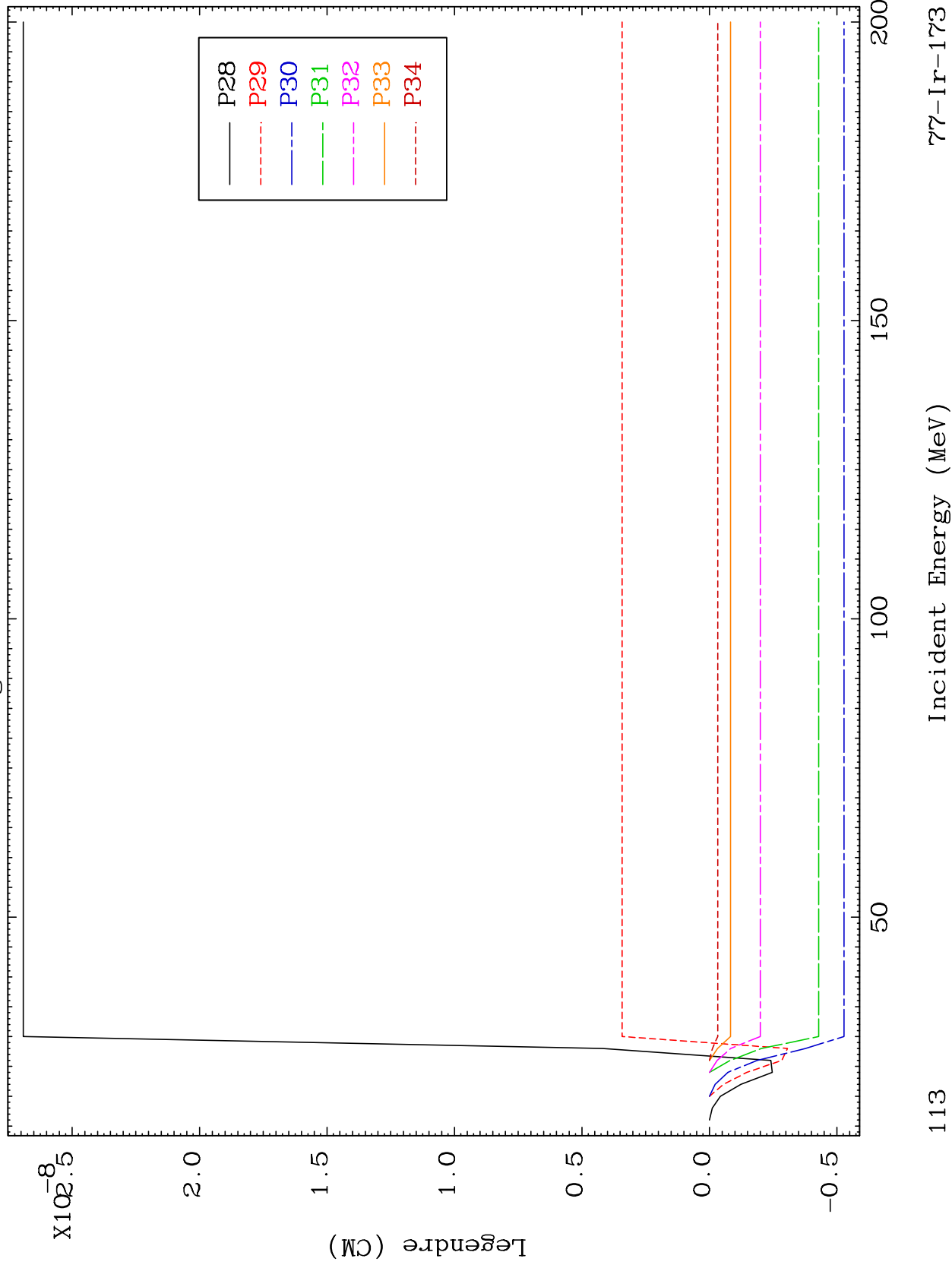
77-Ir-173



112

Incident Energy (MeV)

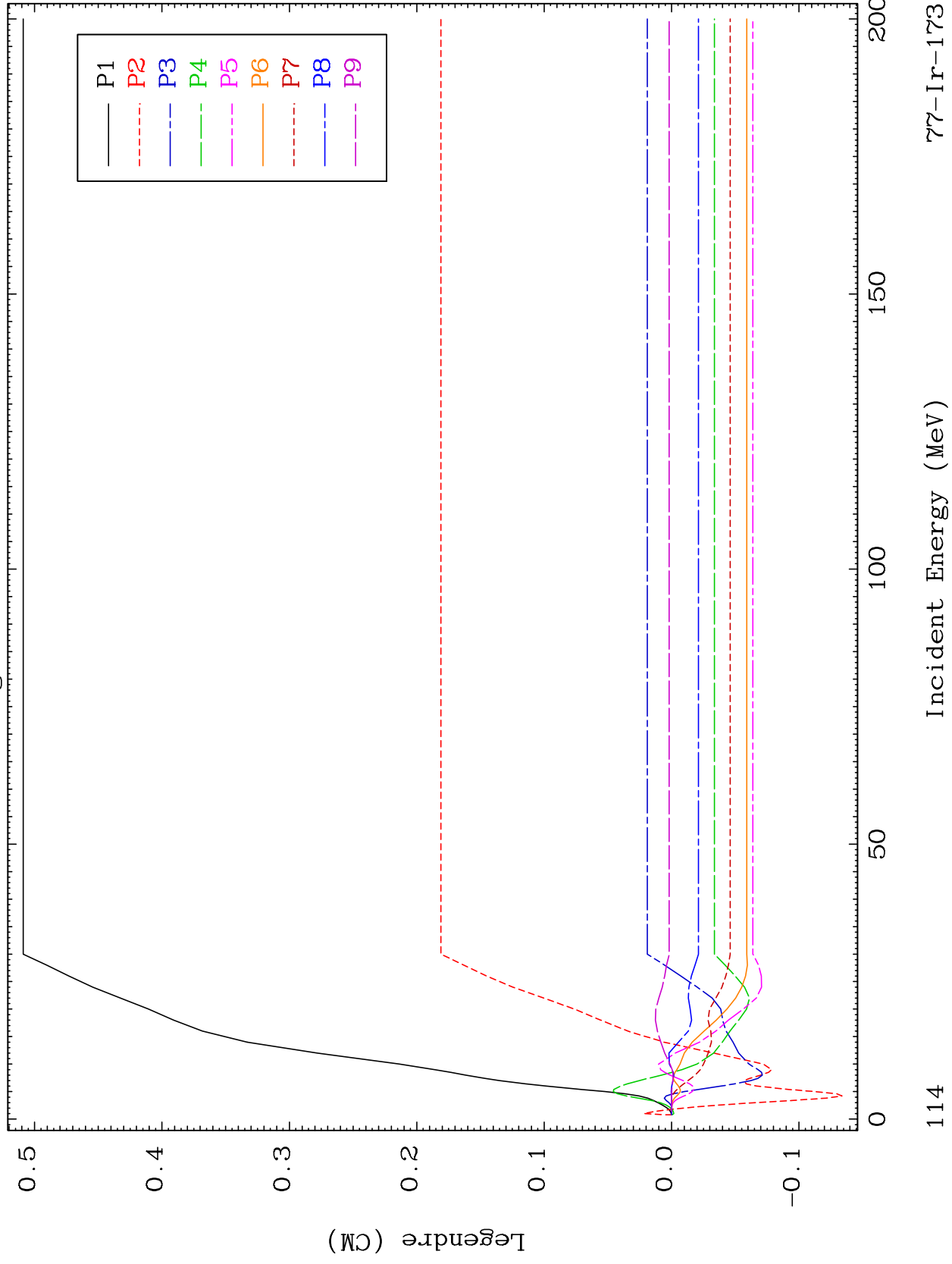
77-Ir-173



MAT 7671

MT= 75 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

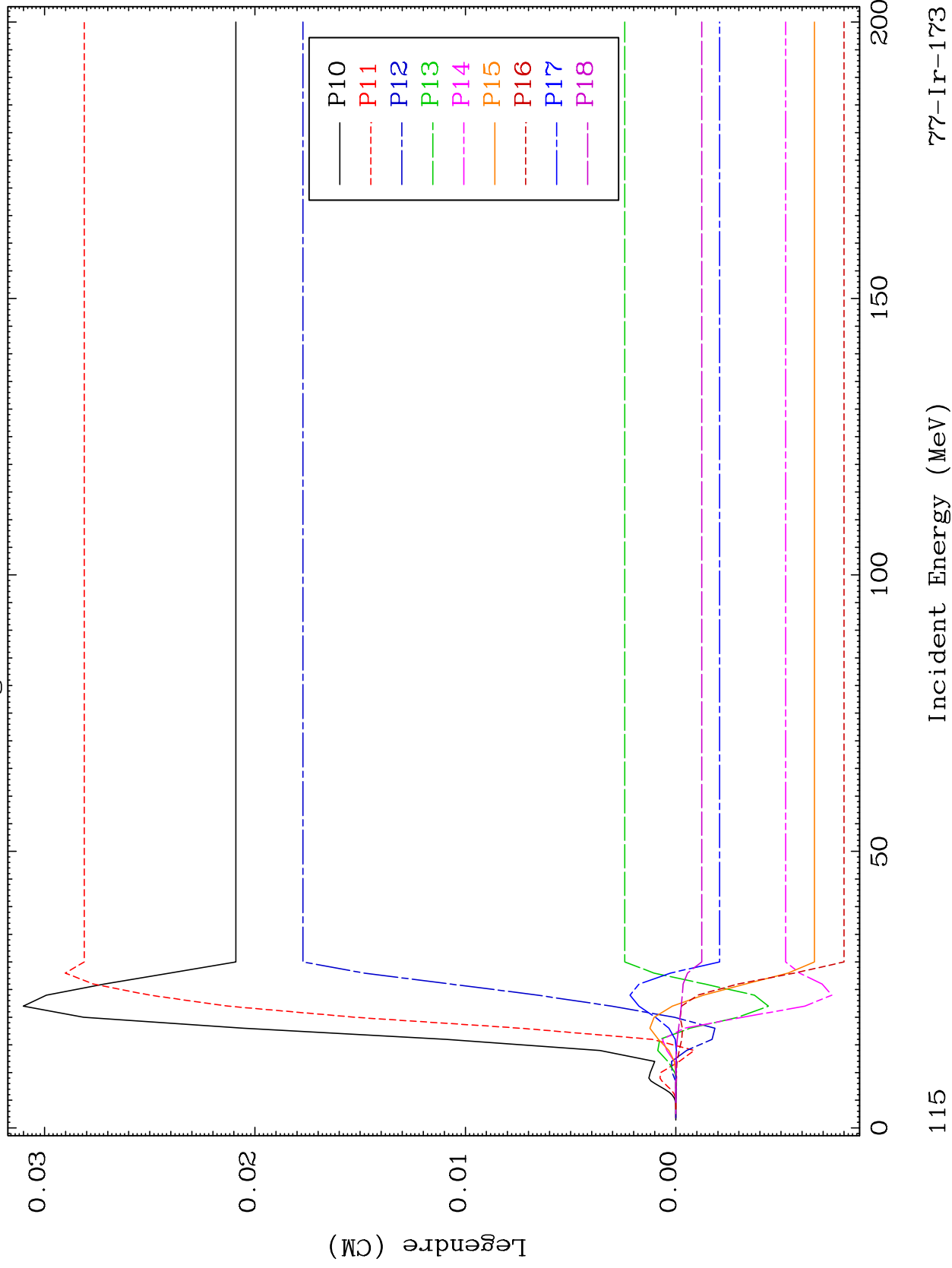
Incident Energy (MeV)

114

MAT 7671

MT= 75 (n,n') Level  
Legendre Coefficients

77-Ir-173



77-Ir-173

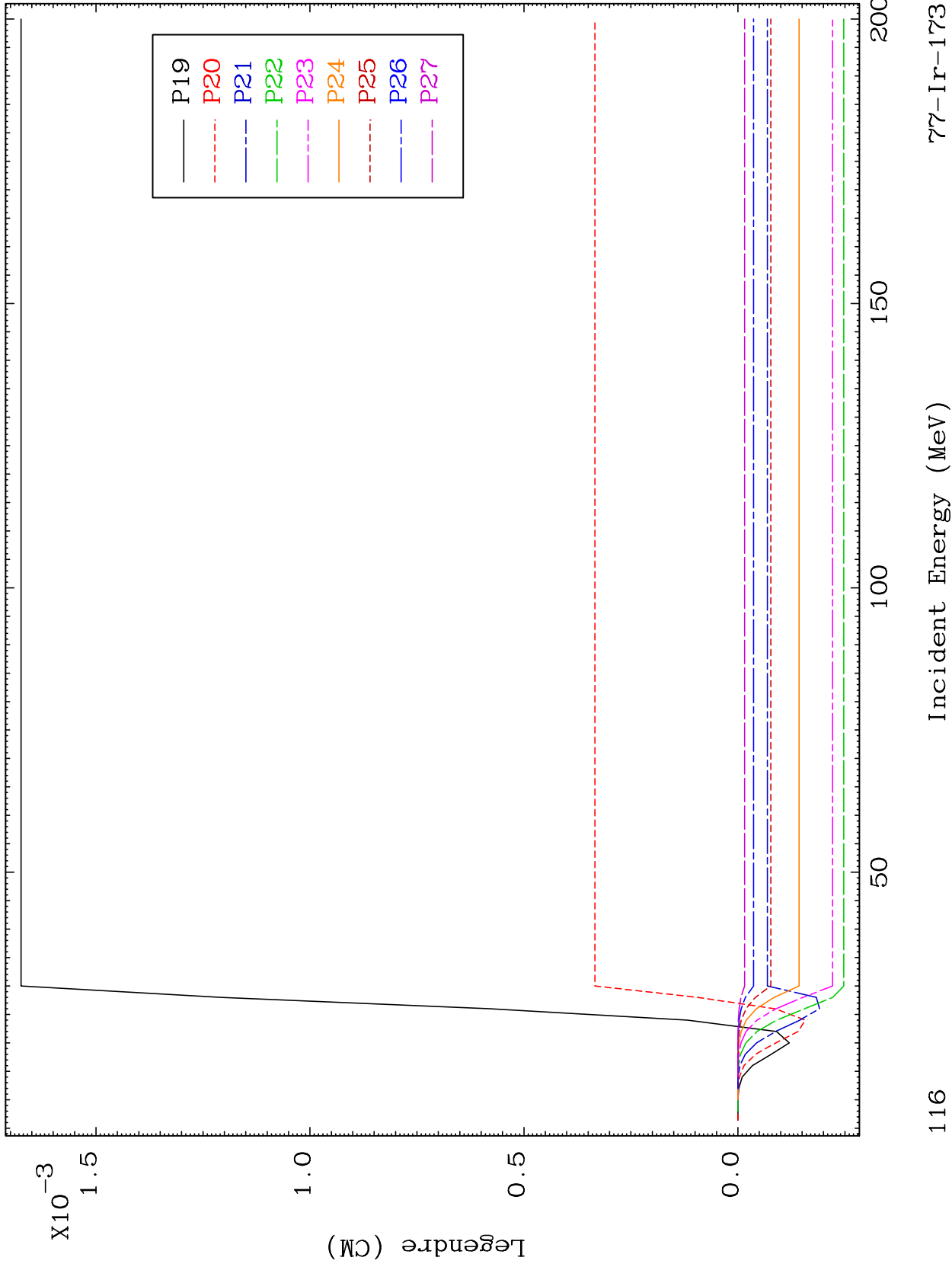
Incident Energy (MeV)

115

MAT 7671

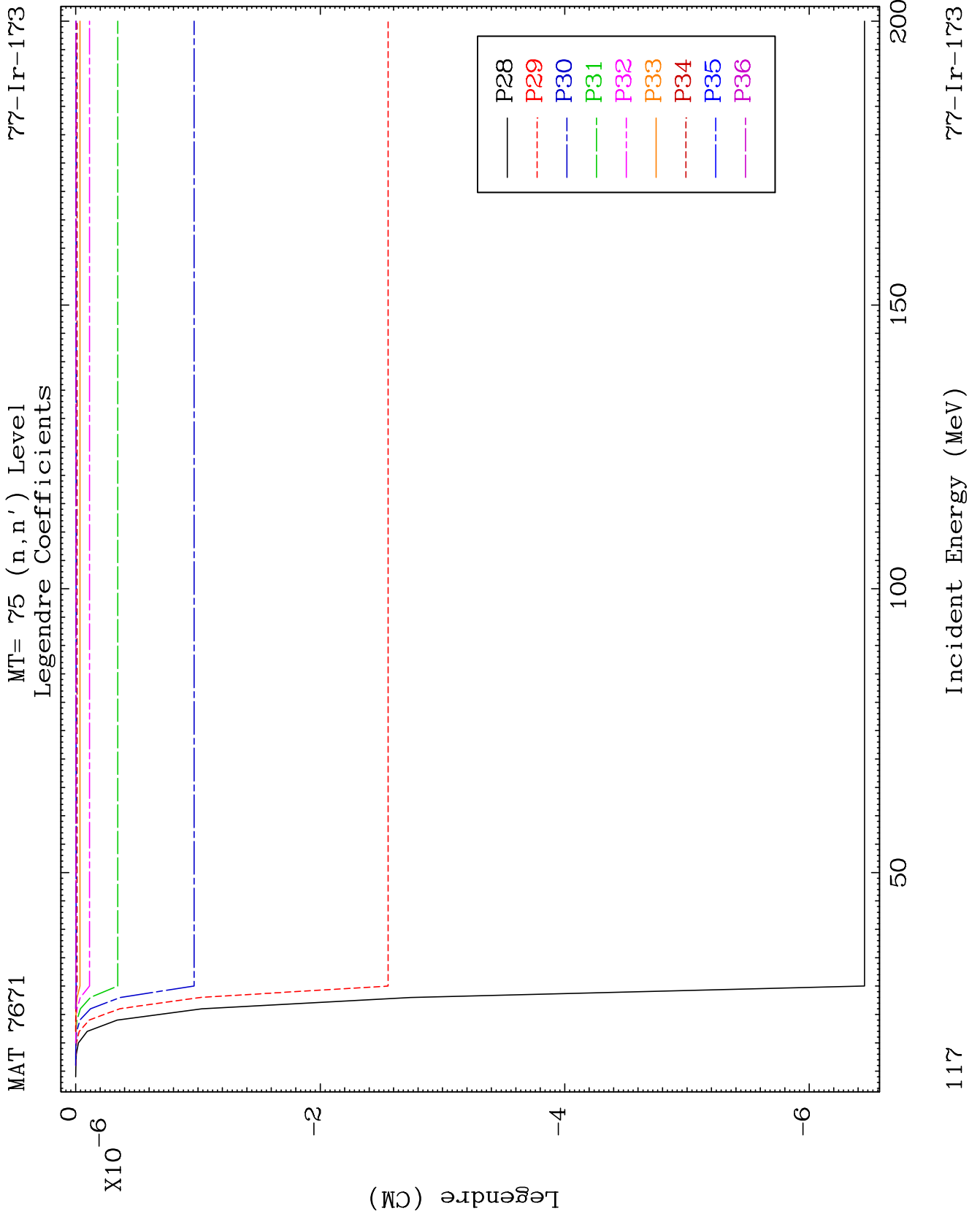
MT= 75 (n,n') Level  
Legendre Coefficients

77-Ir-173



116

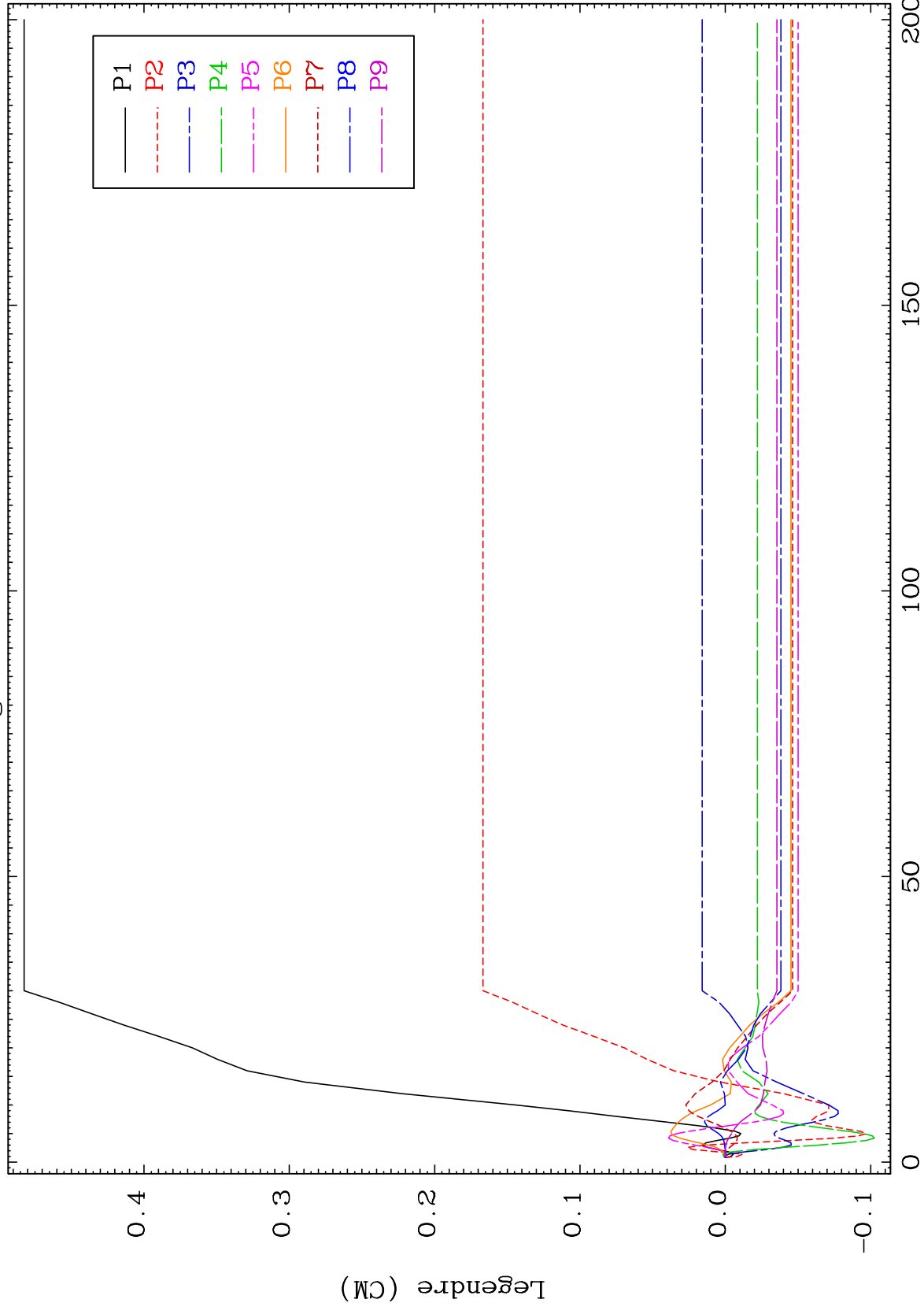
77-Ir-173



MAT 7671

MT= 76 (n,n') Level  
Legendre Coefficients

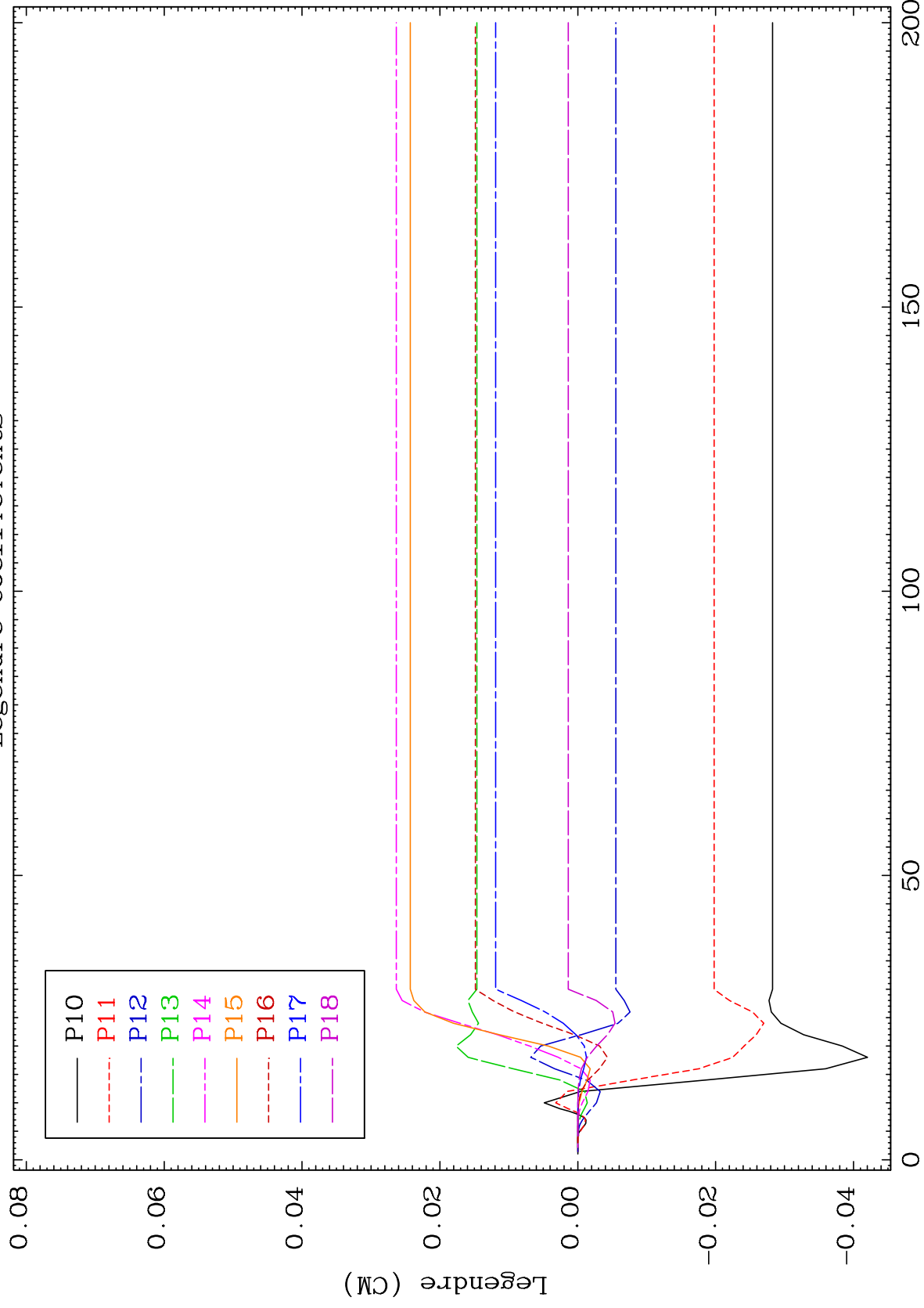
77-Ir-173



118

Incident Energy (MeV)

77-Ir-173

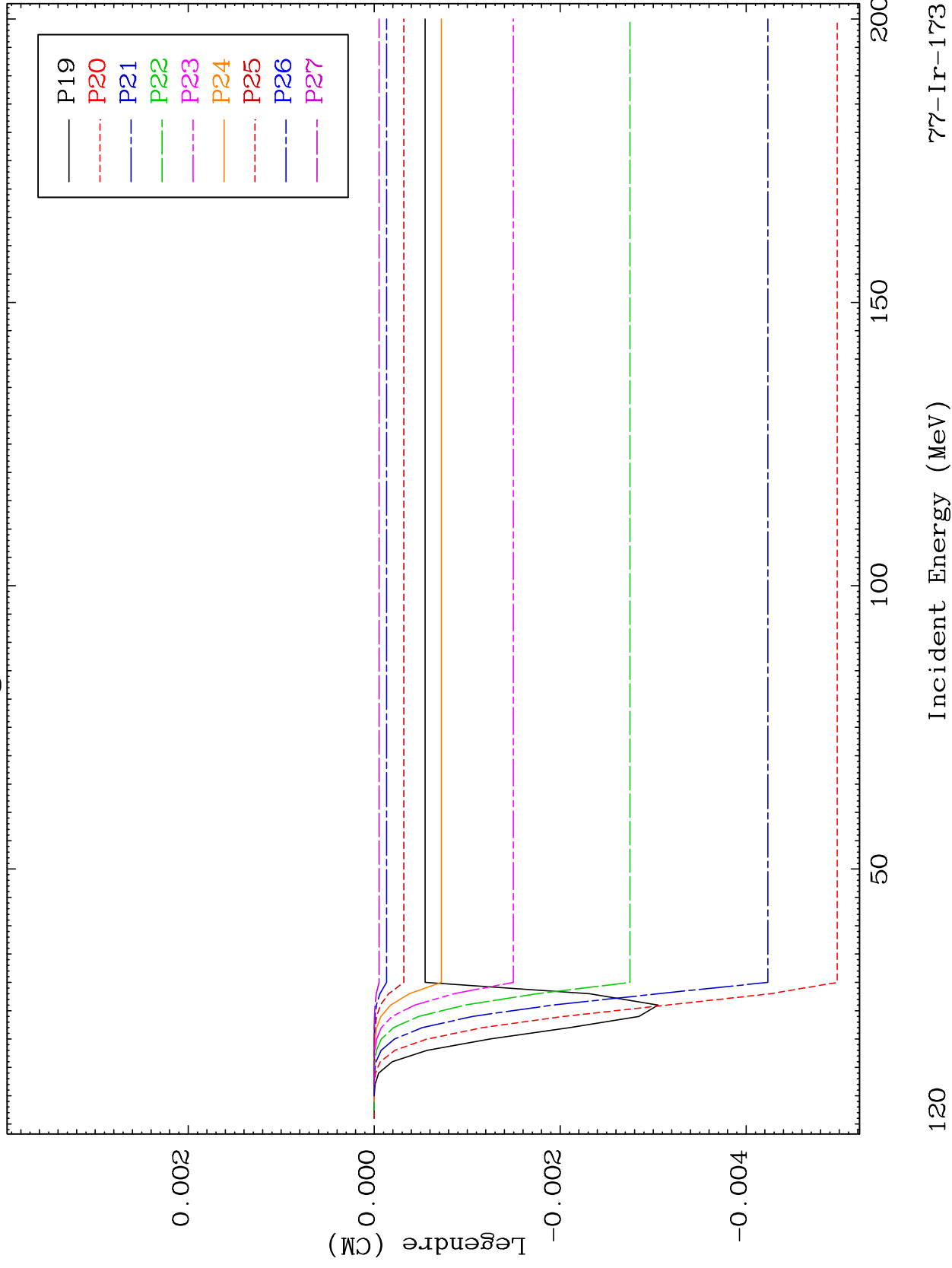




MAT 7671

MT= 76 (n,n') Level  
Legendre Coefficients

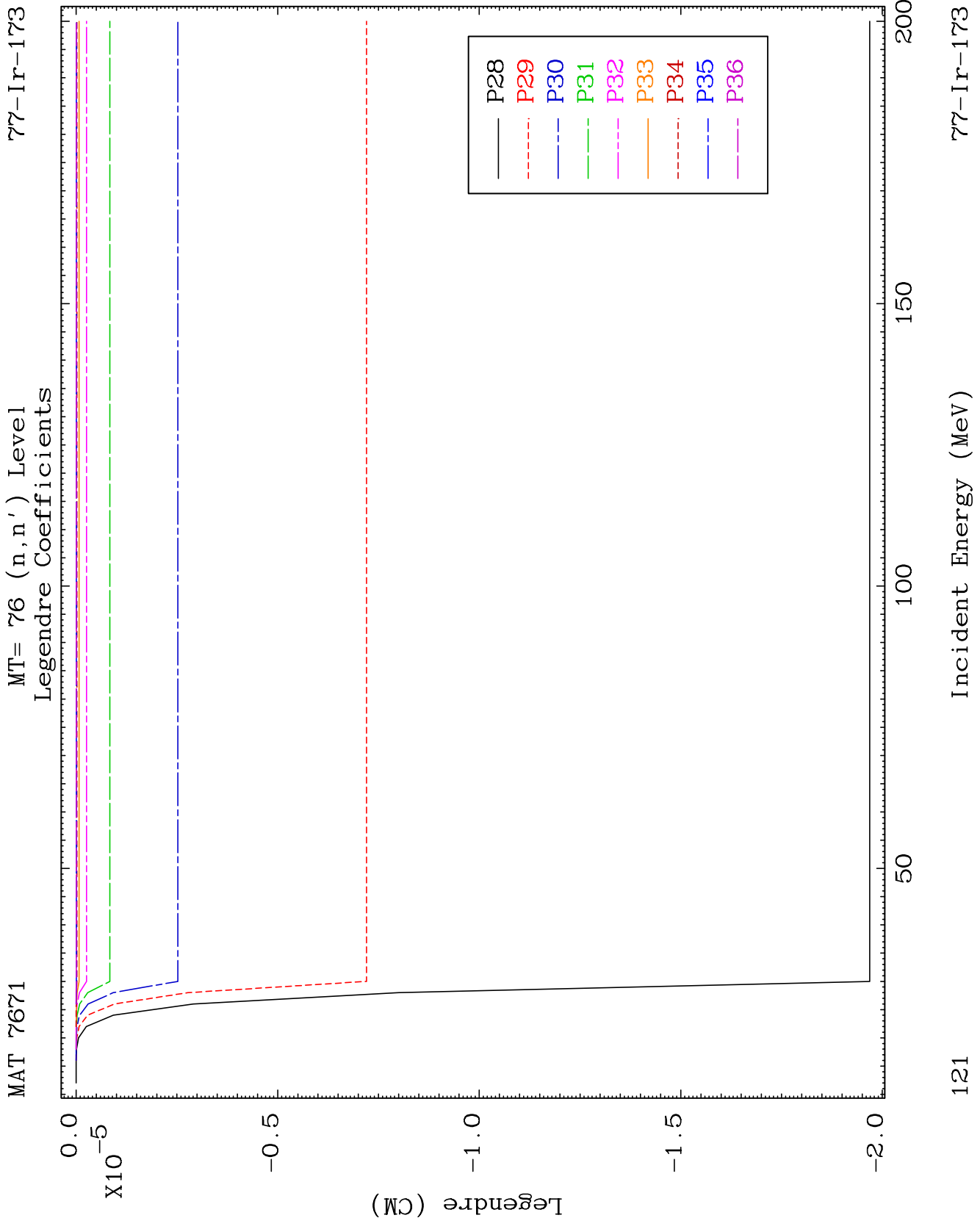
77-Ir-173



120

Incident Energy (MeV)

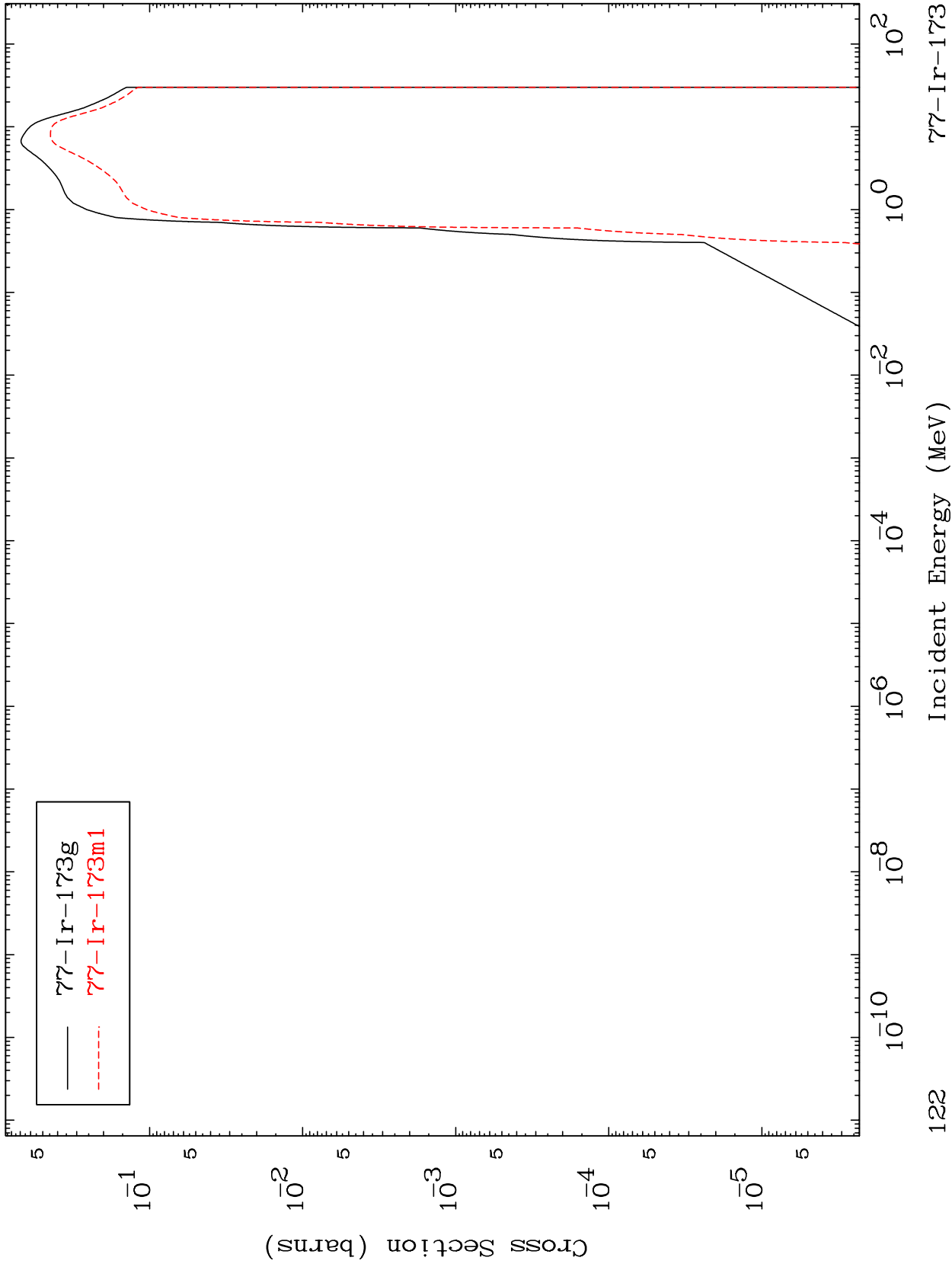
77-Ir-173



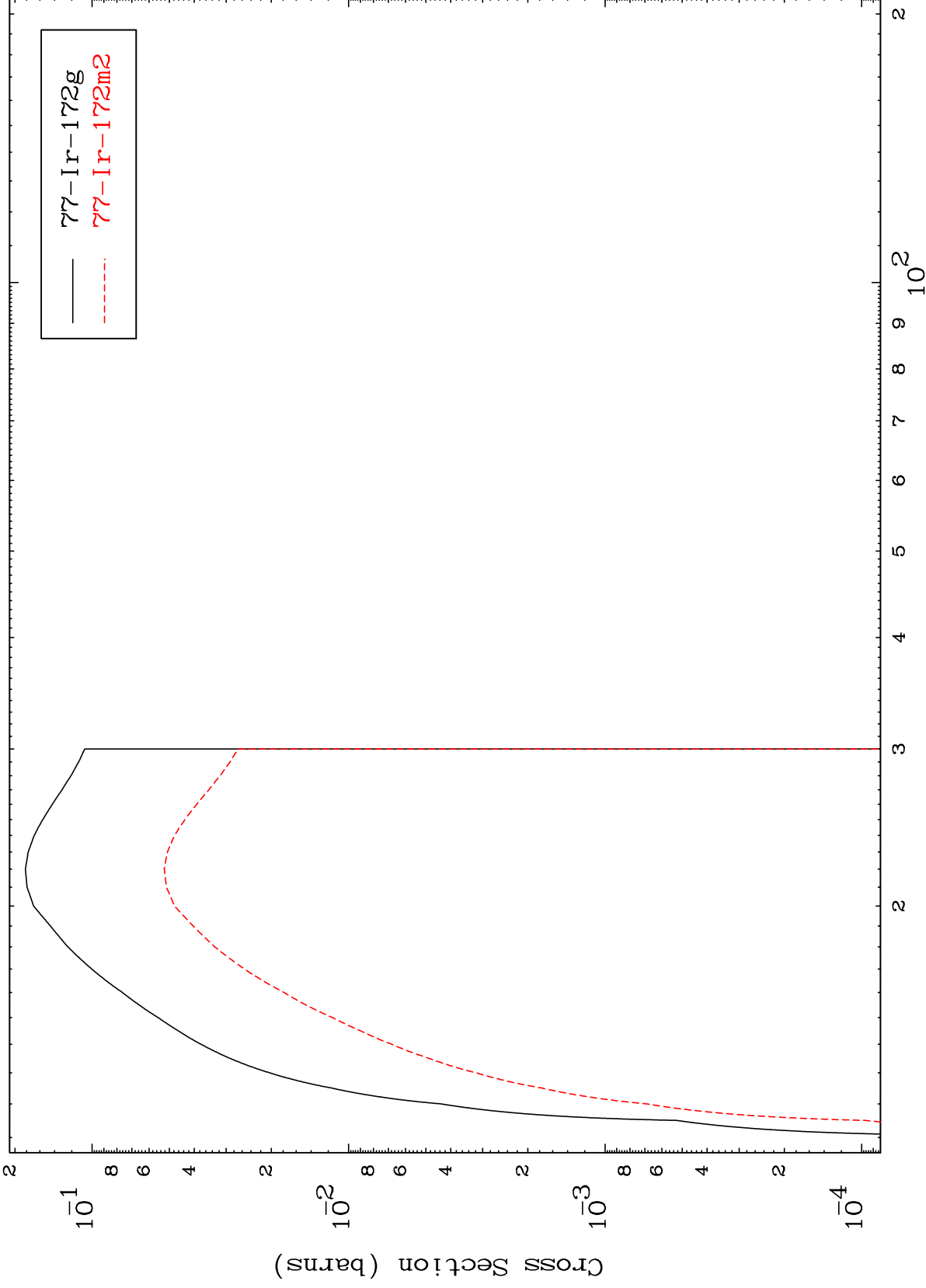
MAT 7671

Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-173



Radionuclide Production Cross Section

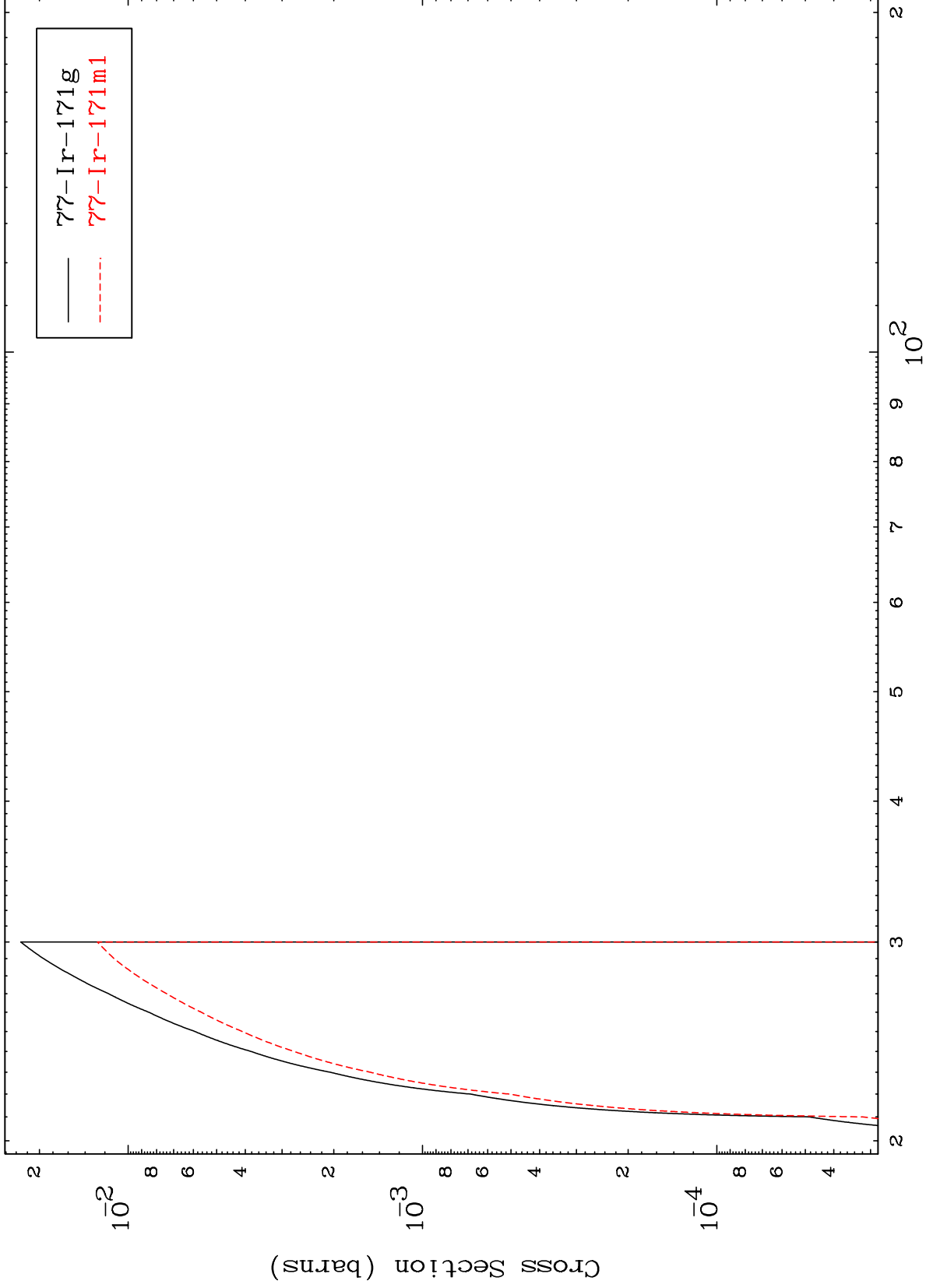


MAT 7671

(n,3n)

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



124

Incident Energy (MeV)

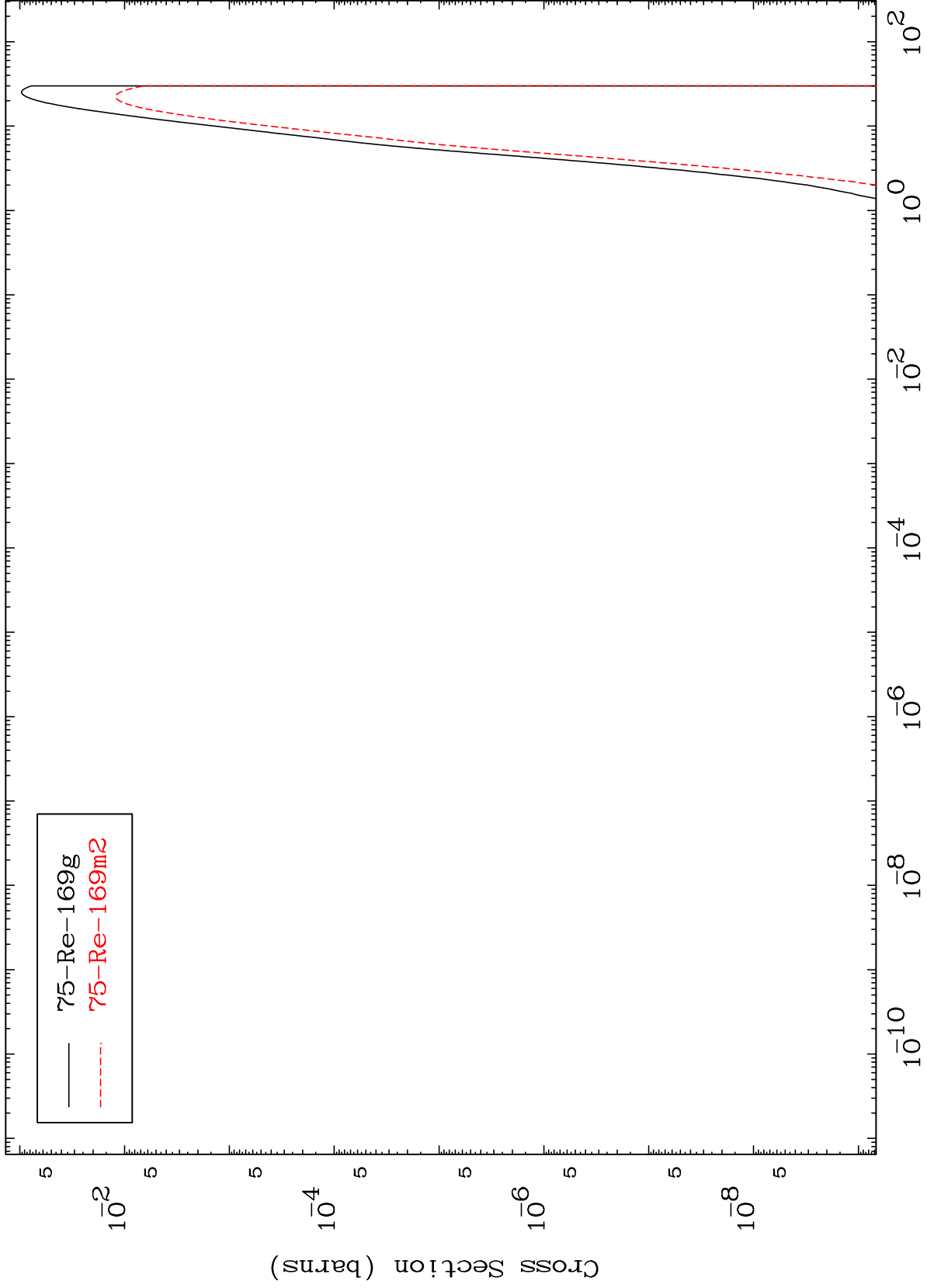
<sup>77</sup>Ir-173

MAT 7671

(n,n')  $\alpha$

77-Ir-173

Radionuclide Production Cross Section



125

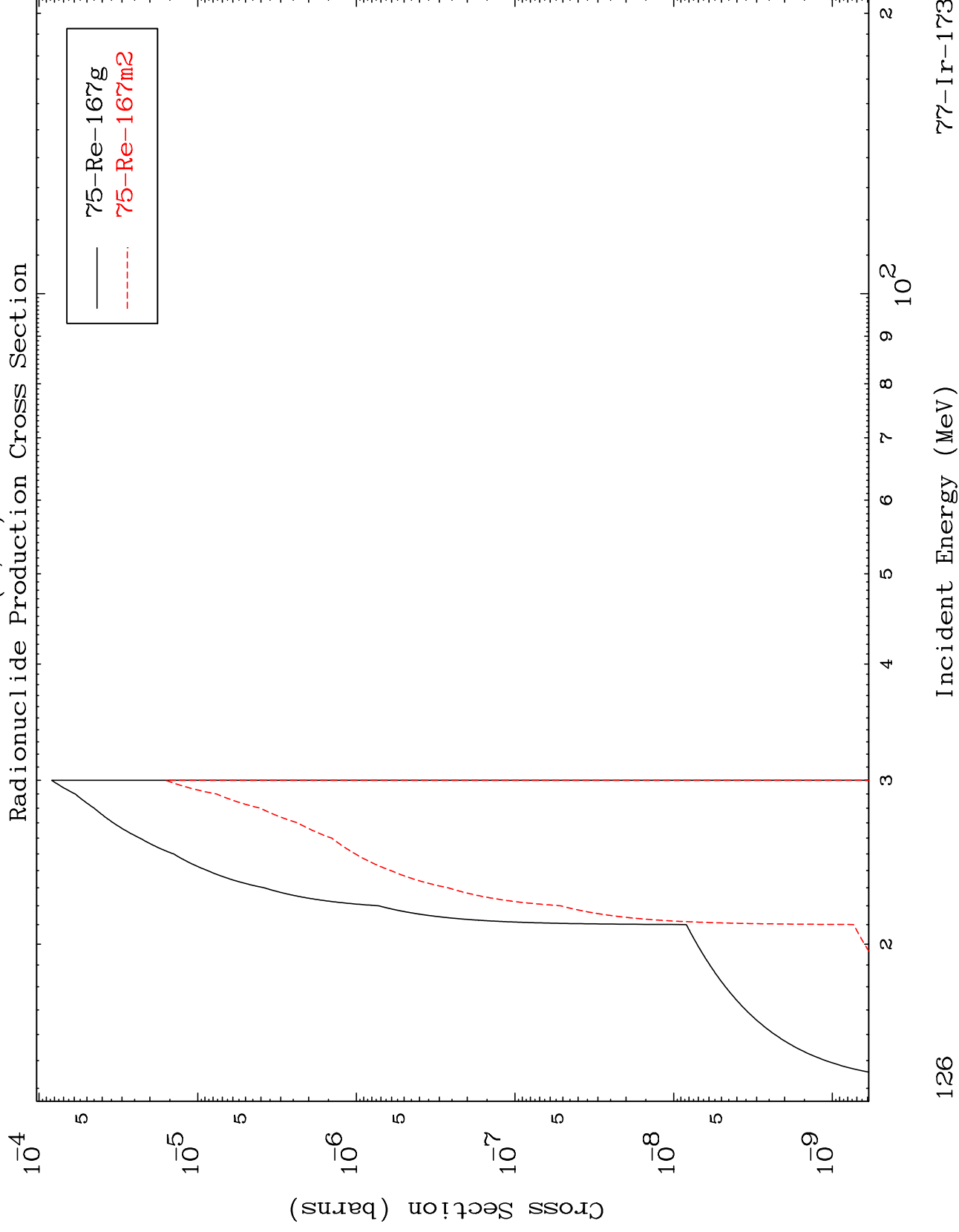
Incident Energy (MeV)

77-Ir-173

MAT 7671

(n,3n)  $\alpha$

77-Ir-173



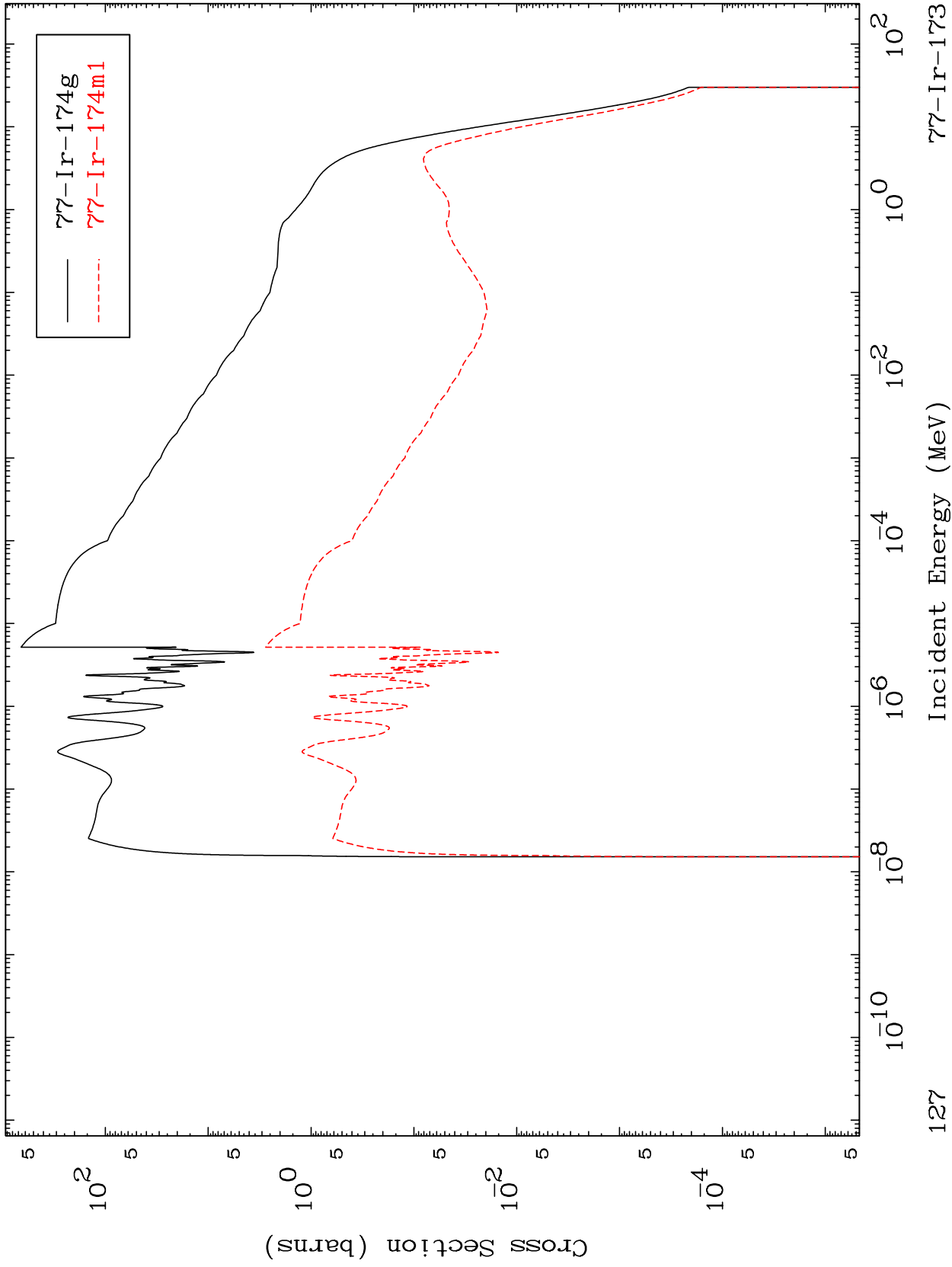
126

77-Ir-173

MAT 7671

<sup>77</sup>Ir-173

(n,γ)  
Radionuclide Production Cross Section



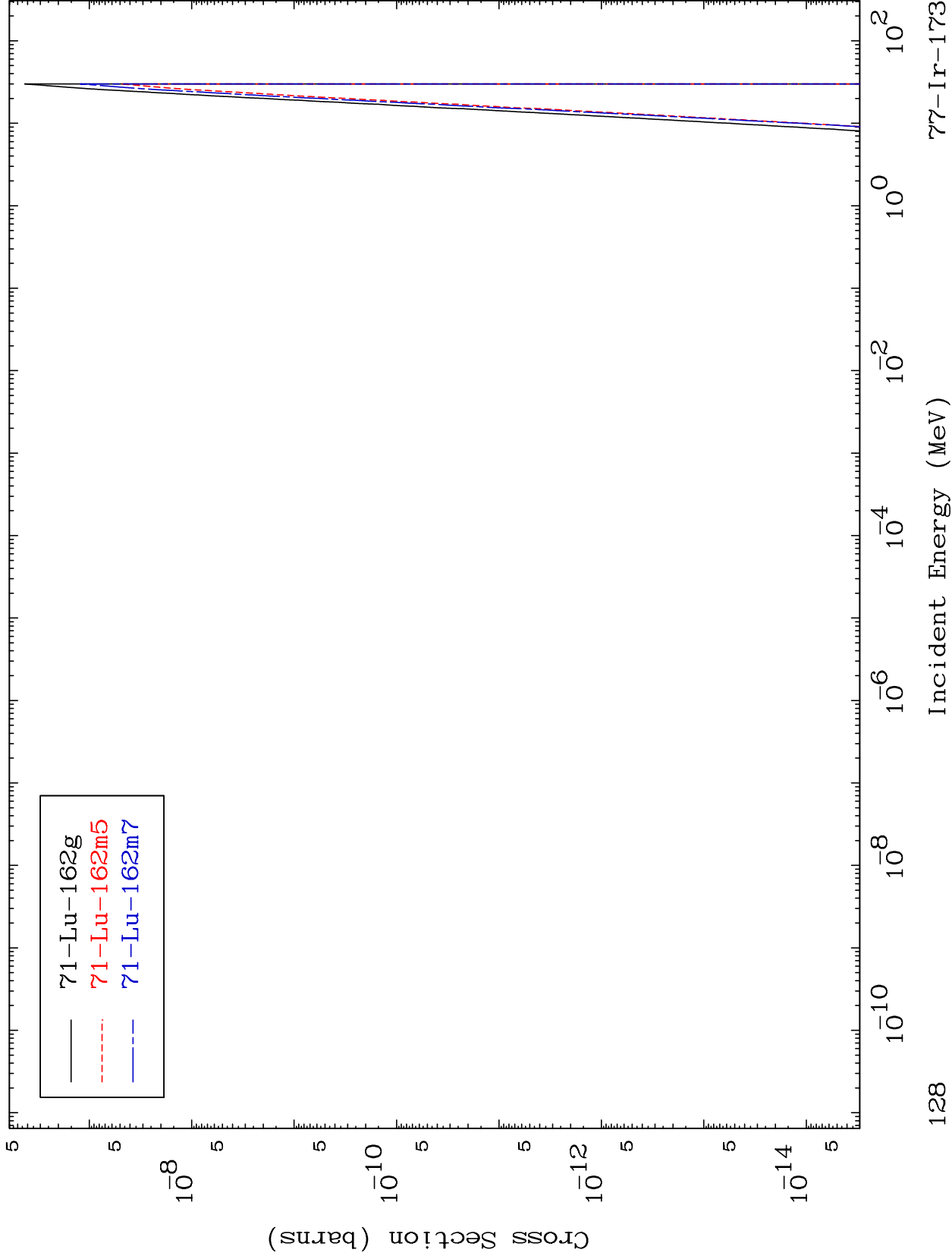


MAT 7671

$(n, 3\alpha)$

$^{77}\text{Ir-173}$

Radionuclide Production Cross Section

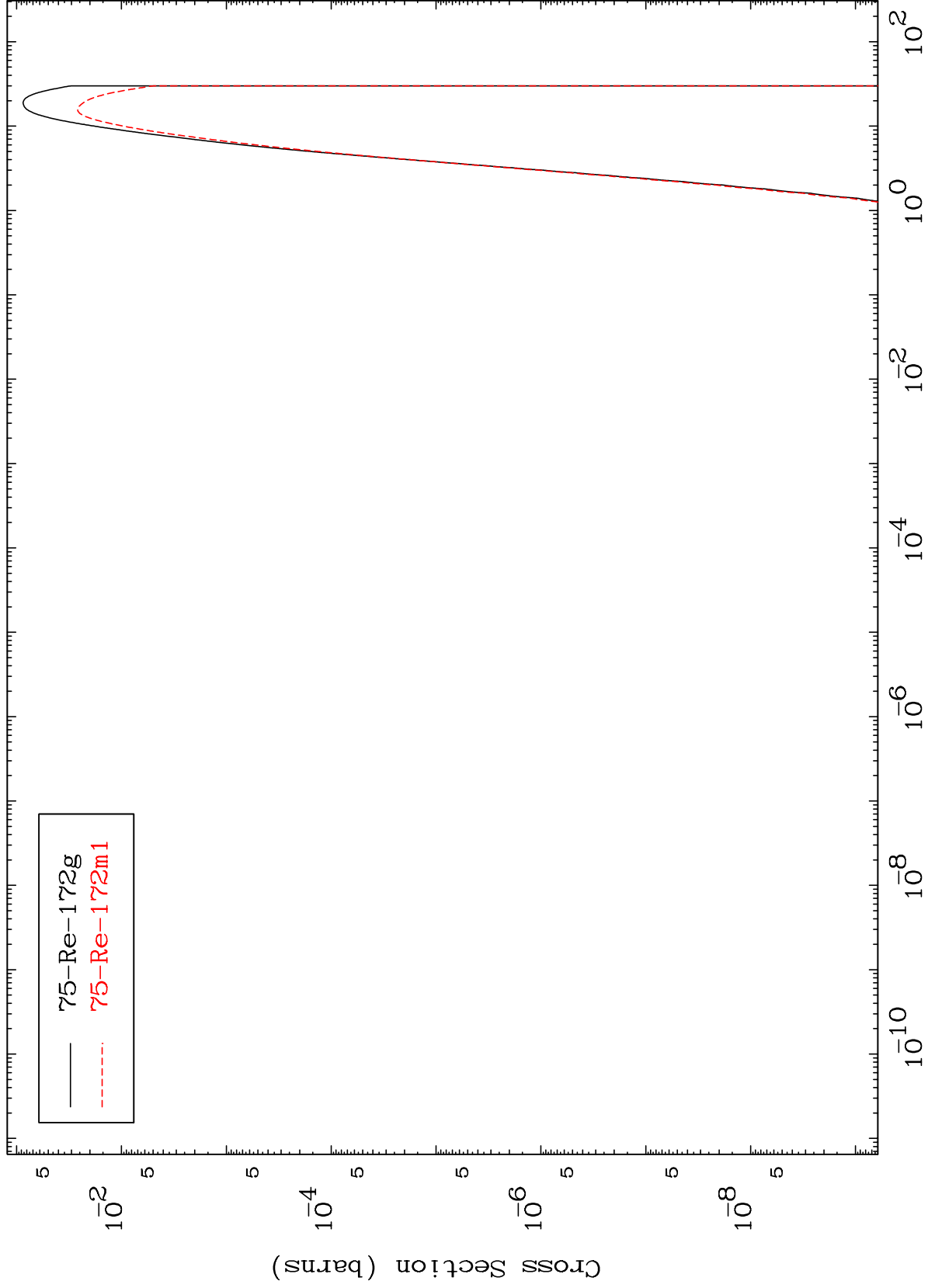


MAT 7671

(n,2p)

<sup>77</sup>Ir-173

Radionuclide Production Cross Section



129

Incident Energy (MeV)

<sup>77</sup>Ir-173