

Program EVALPLOT  
(Version 2021-1)

by

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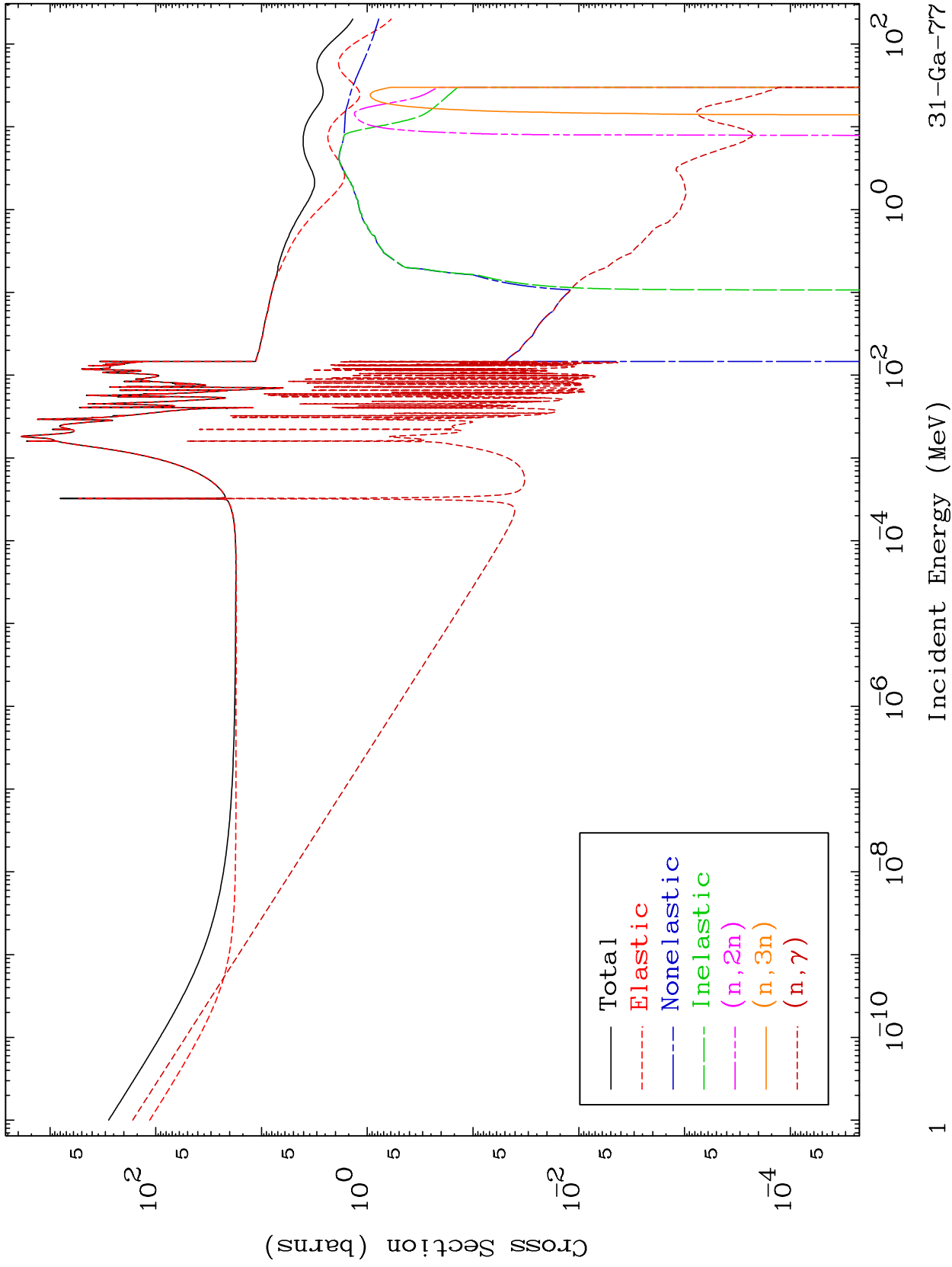
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Press Mouse Button to Start

MAT 3149

Neutron Major  
293 Kelvin Cross Sections

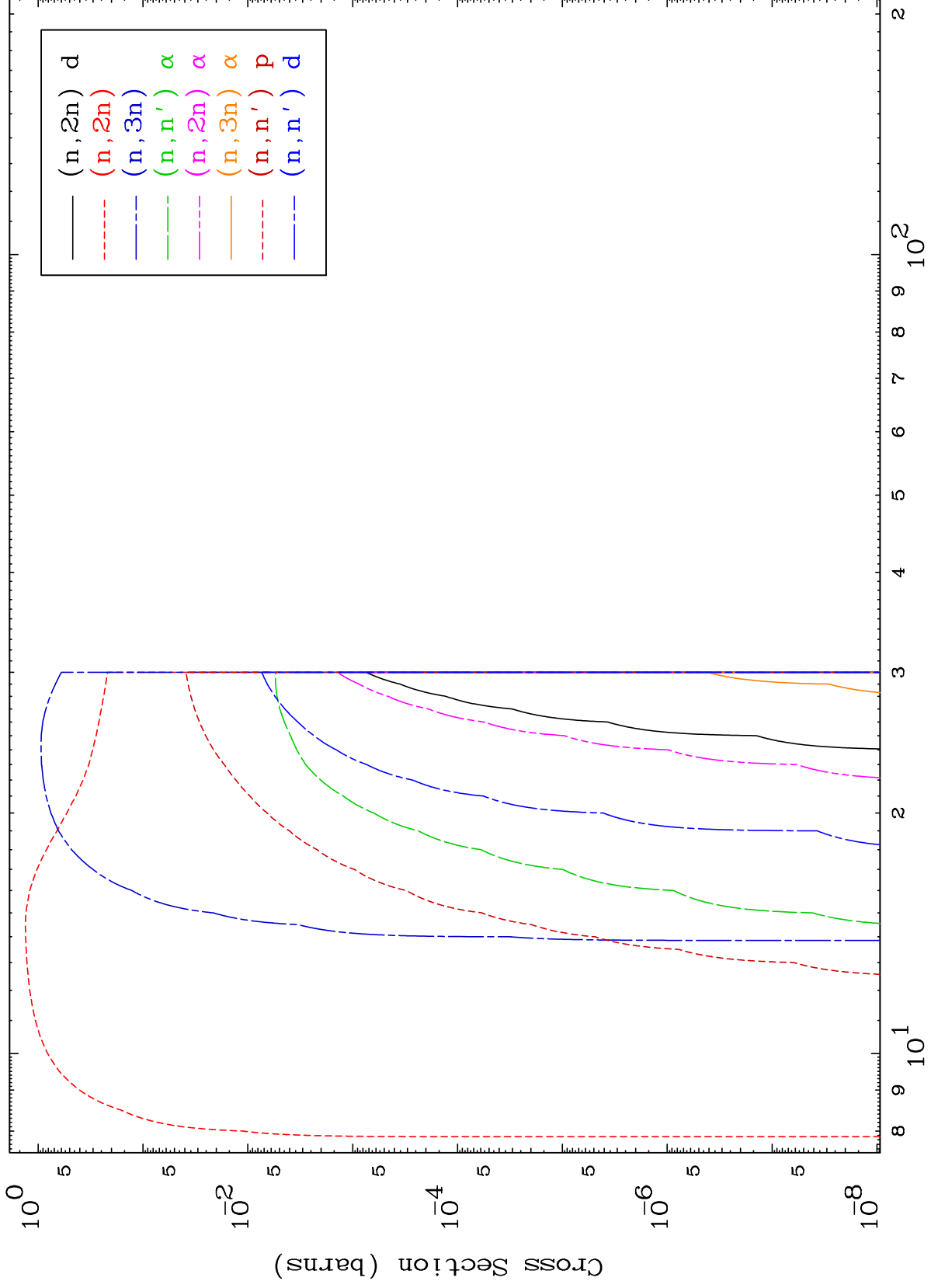
31-Ga-77



MAT 3149

Neutron Absorption  
293 Kelvin Cross Sections

31-Ga-77



2

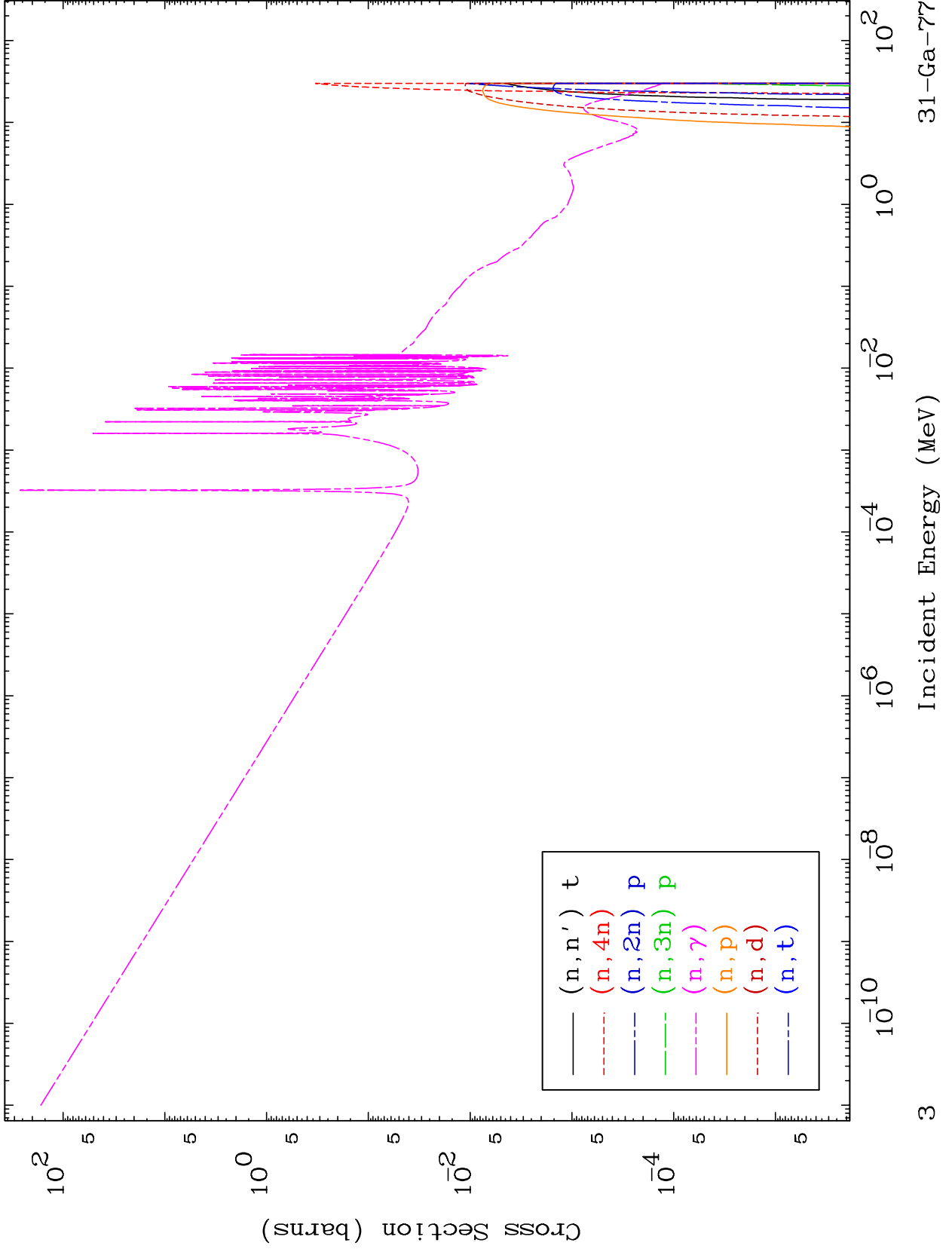
Incident Energy (MeV)

31-Ga-77

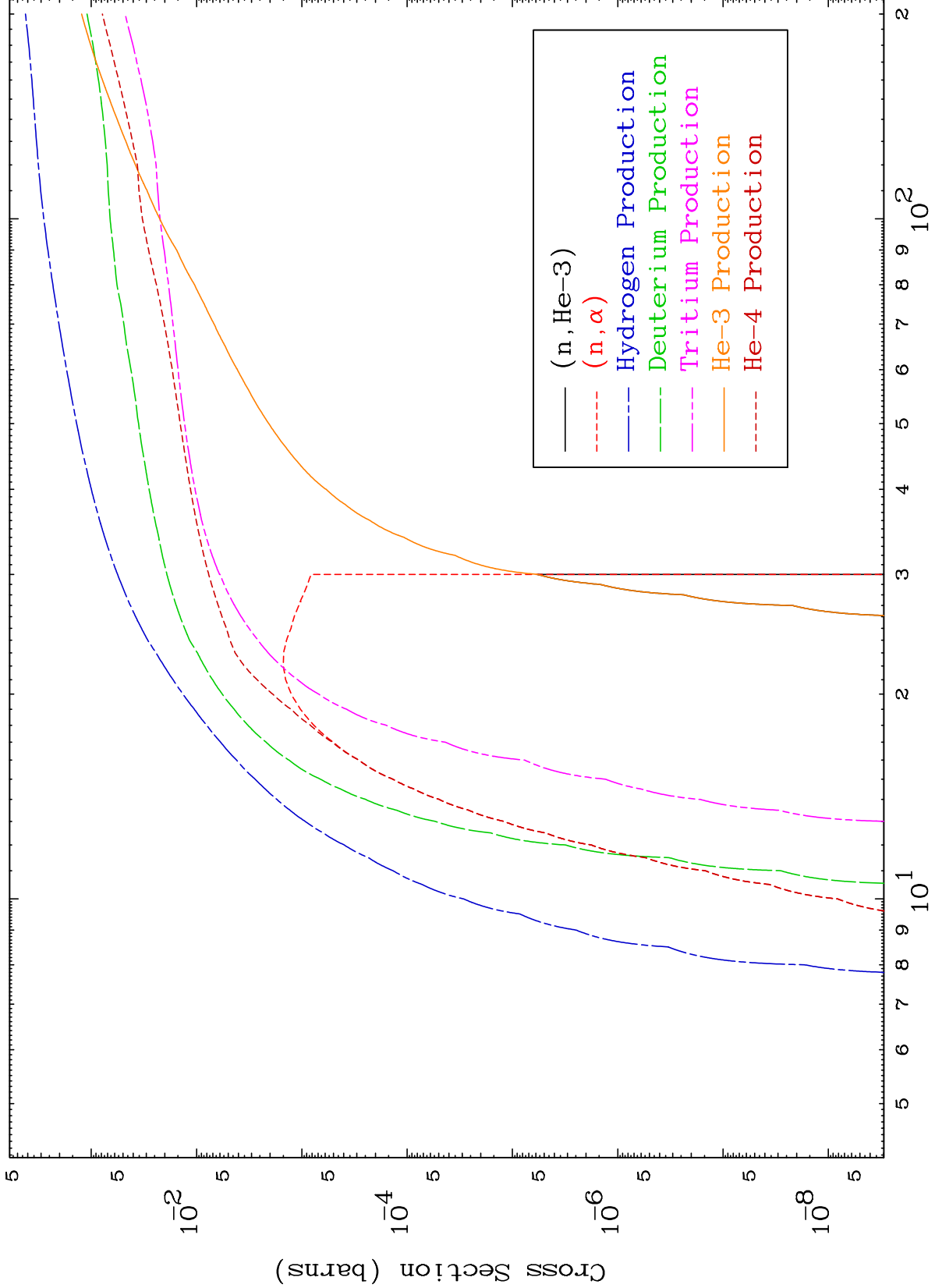
MAT 3149

Neutron Absorption  
293 Kelvin Cross Sections

31-Ga-77



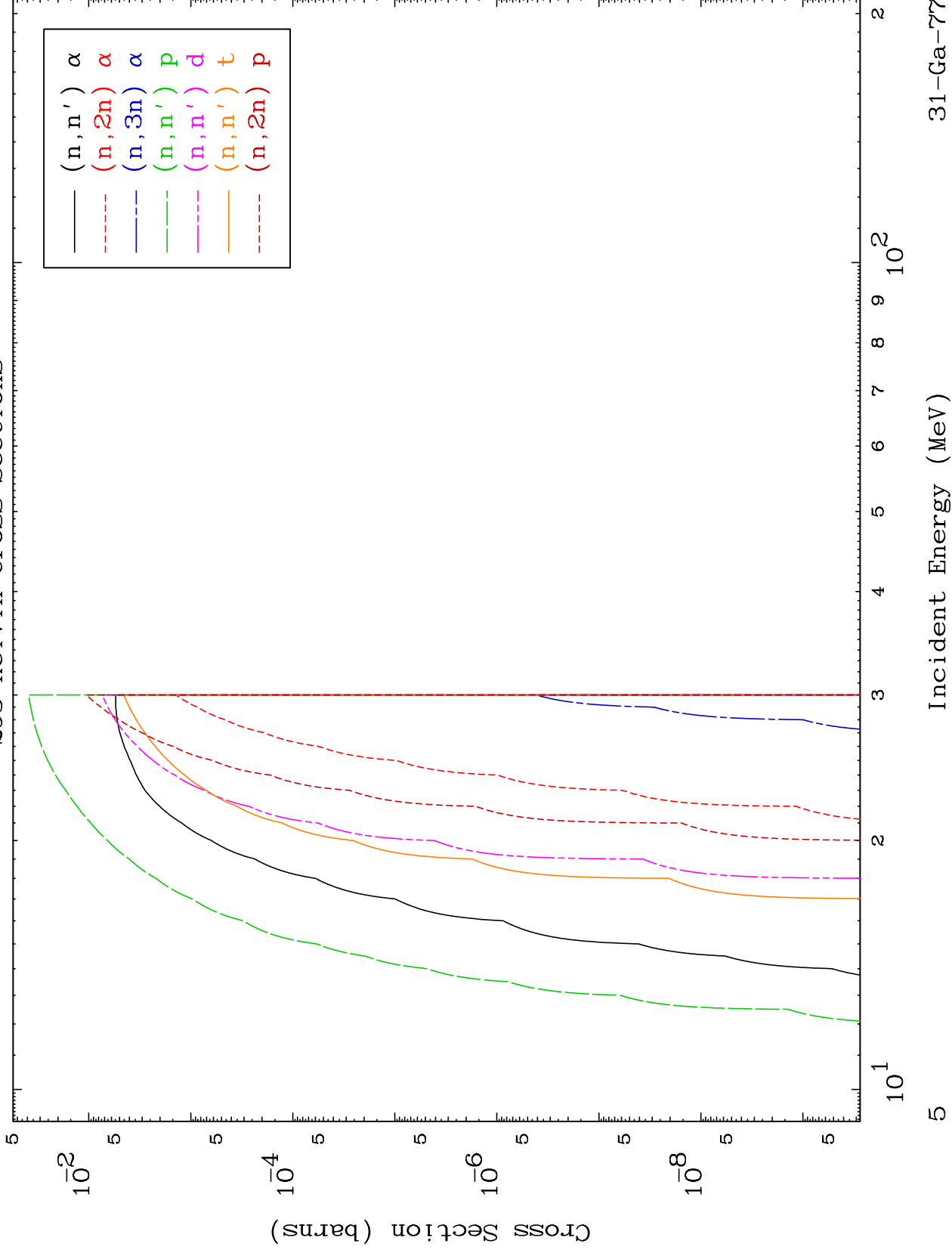
Neutron Absorption  
293 Kelvin Cross Sections



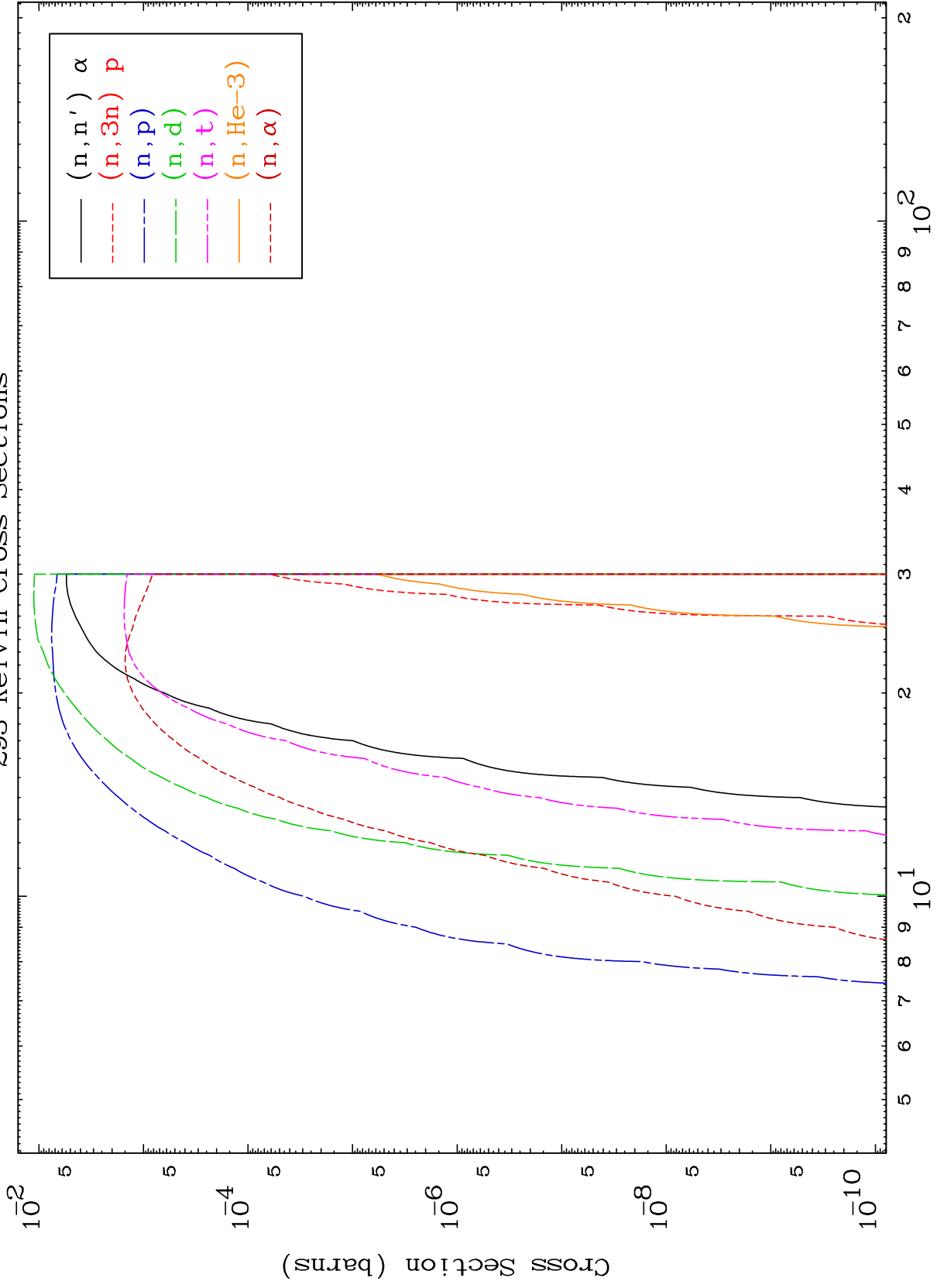
MAT 3149

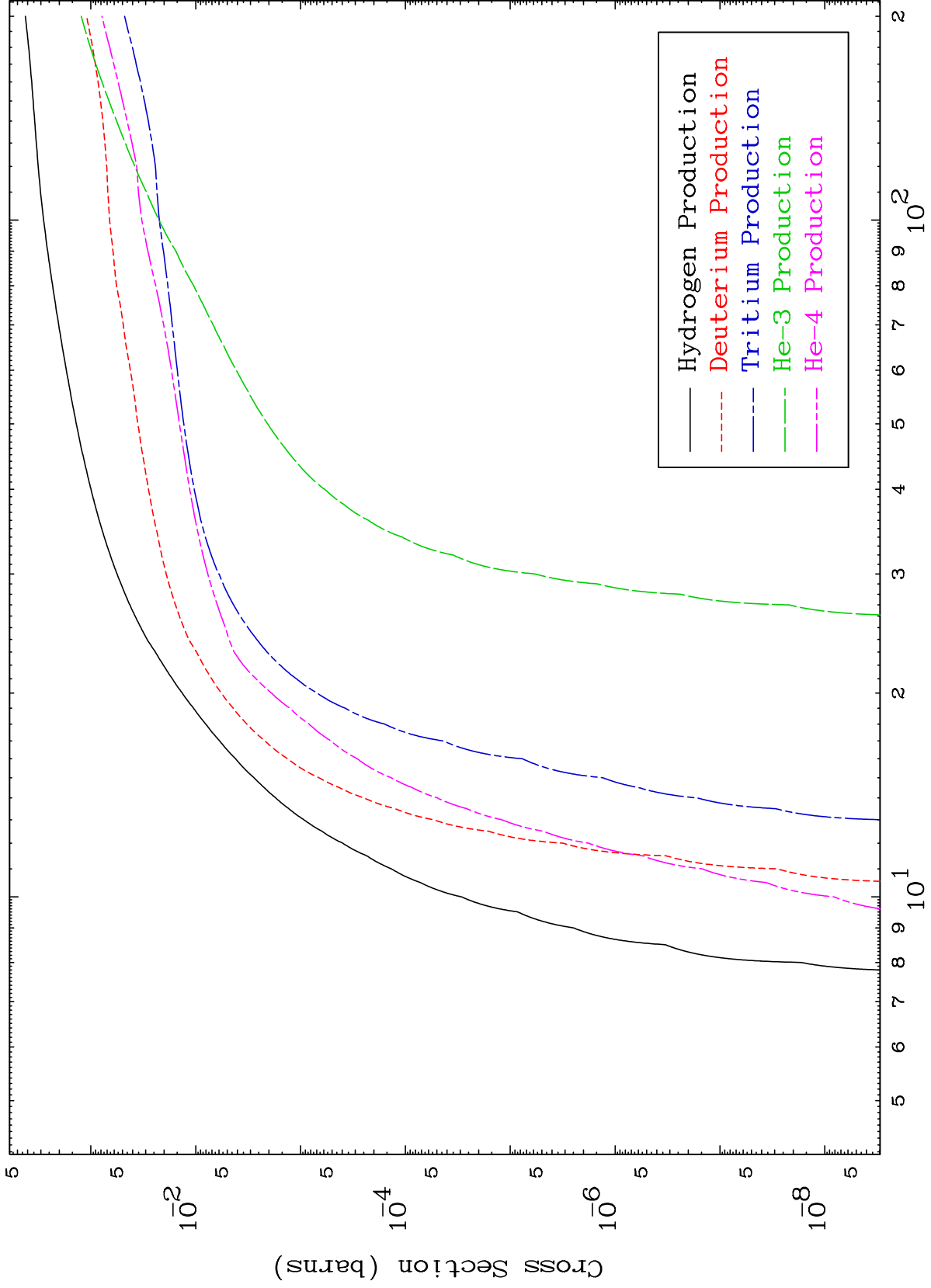
Charged Particle  
293 Kelvin Cross Sections

31-Ga-77



31-Ga-77





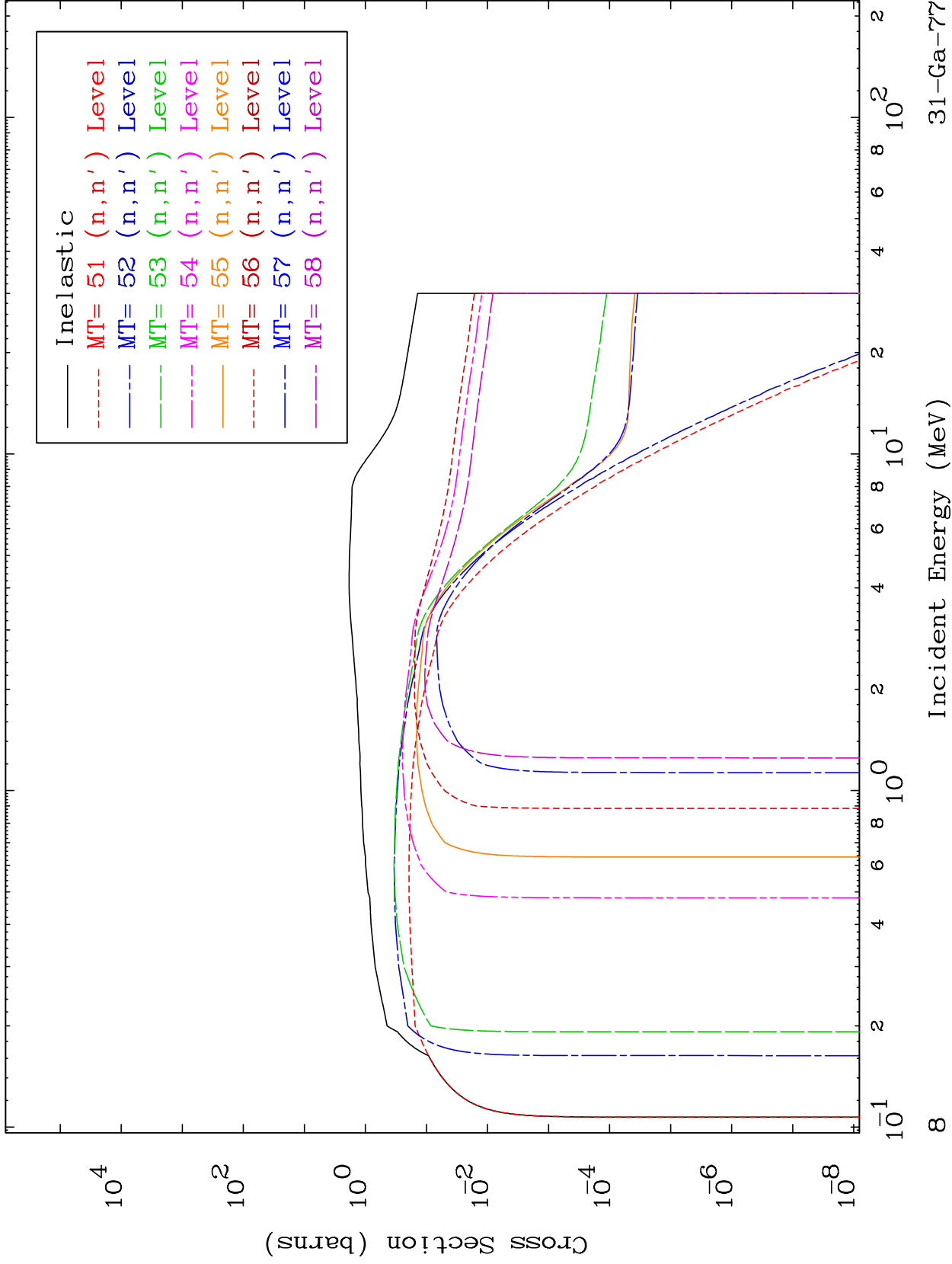


MAT 3149

(n,n') Levels

31-Ga-77

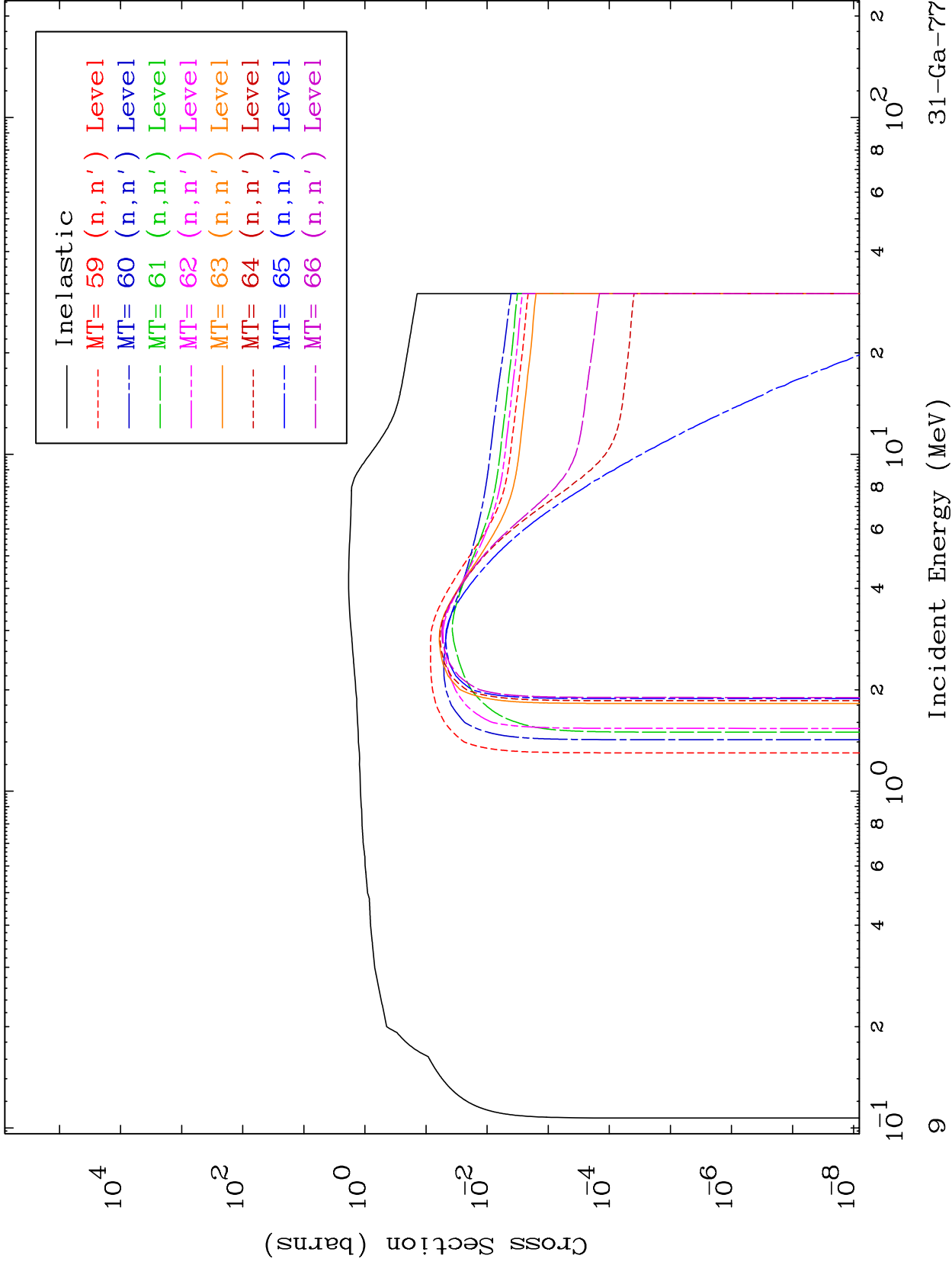
293 Kelvin Cross Sections



MAT 3149

(n,n') Levels  
293 Kelvin Cross Sections

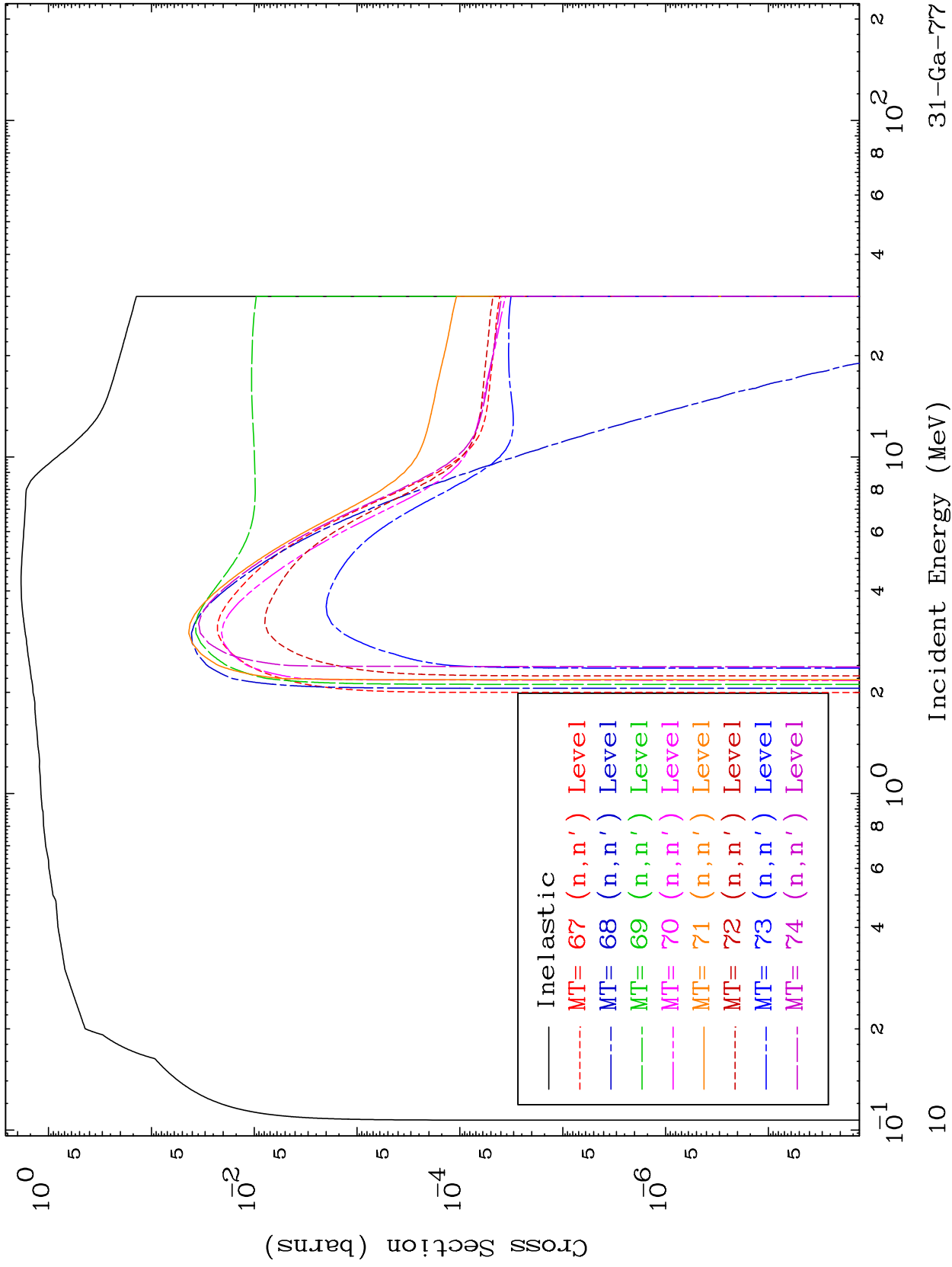
31-Ga-77



MAT 3149

(n,n') Levels  
293 Kelvin Cross Sections

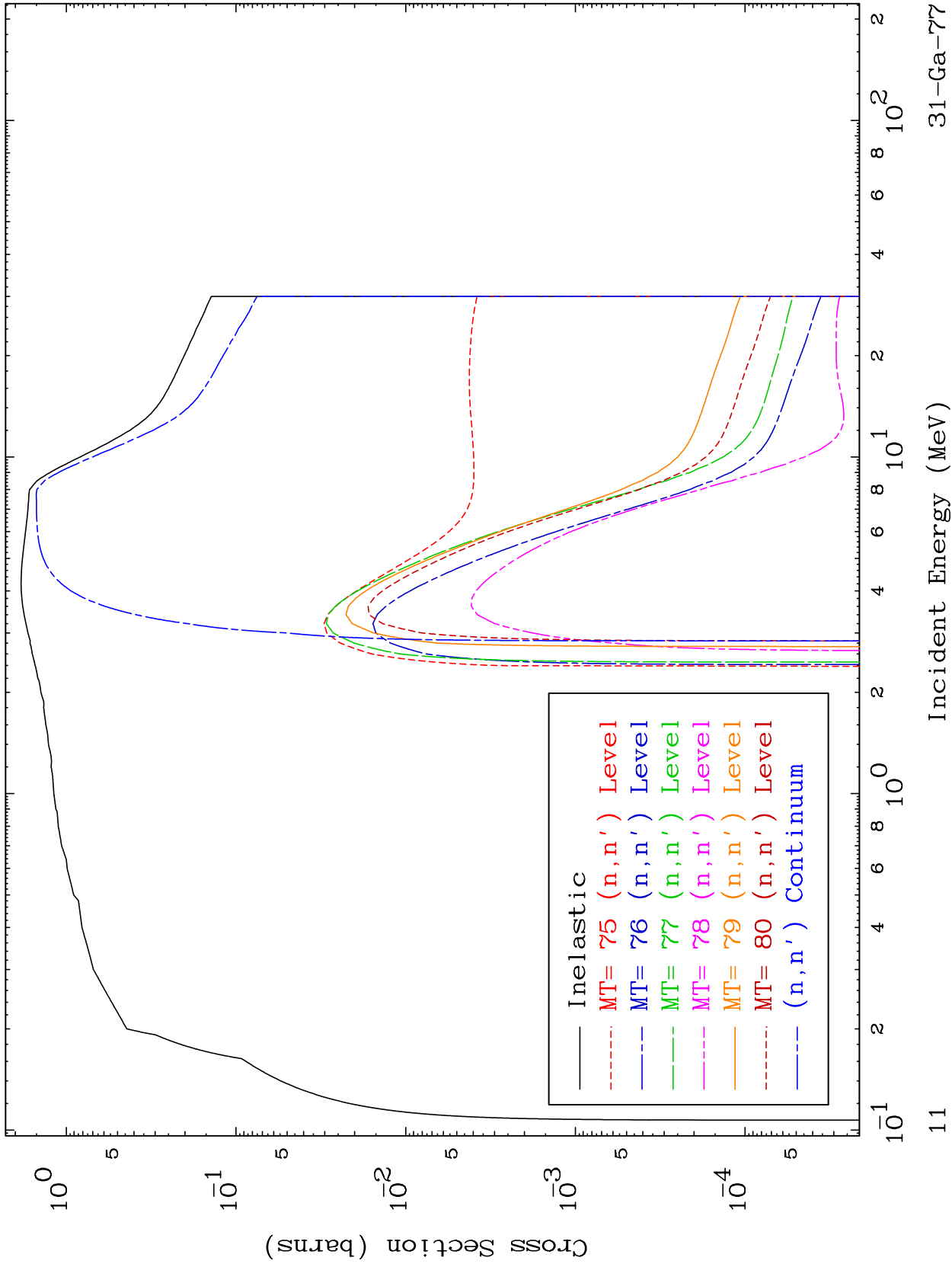
31-Ga-77



MAT 3149

(n,n') Levels  
293 Kelvin Cross Sections

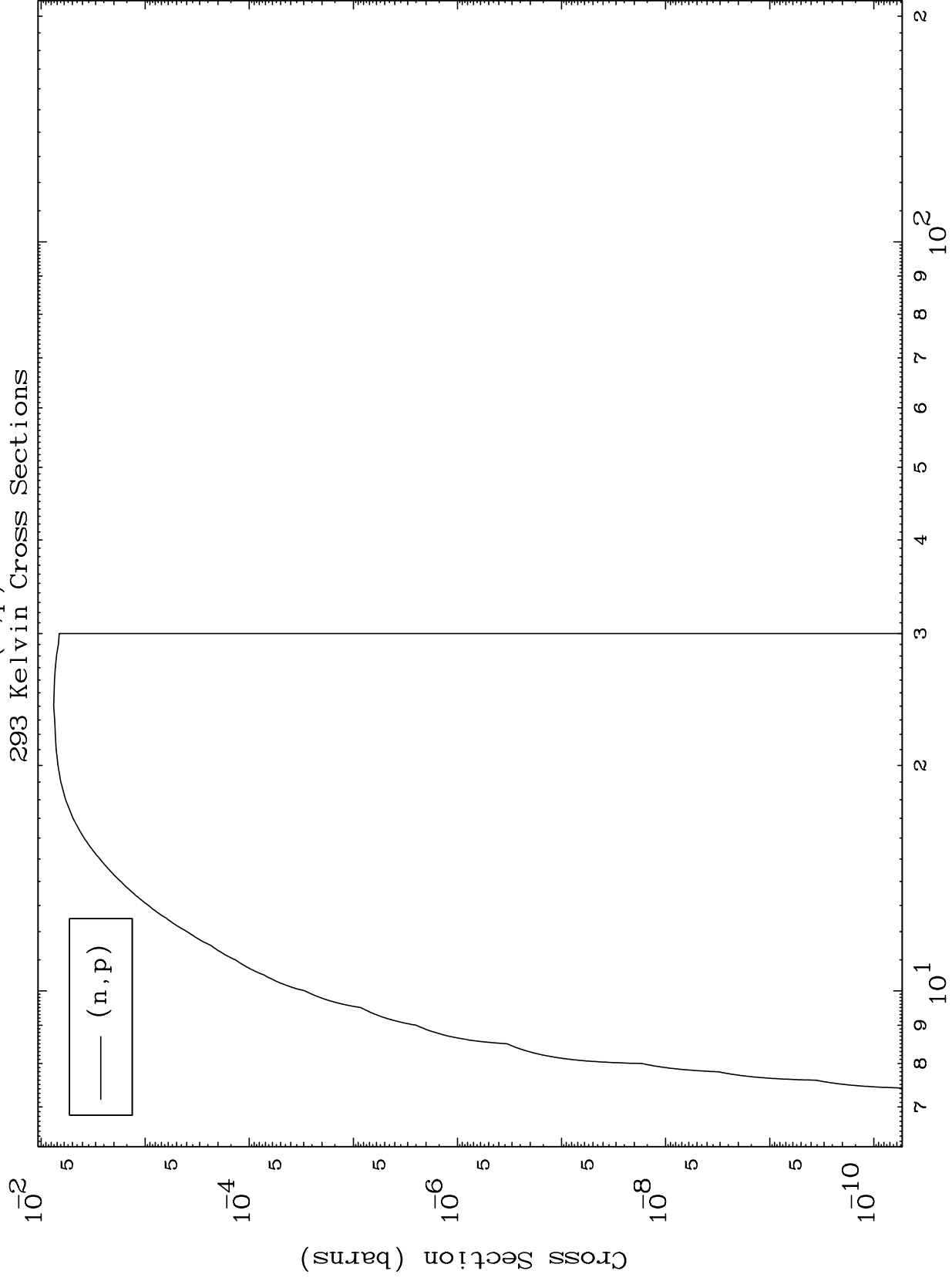
31-Ga-77



MAT 3149

(n,p) Levels  
293 Kelvin Cross Sections

31-Ga-77



12

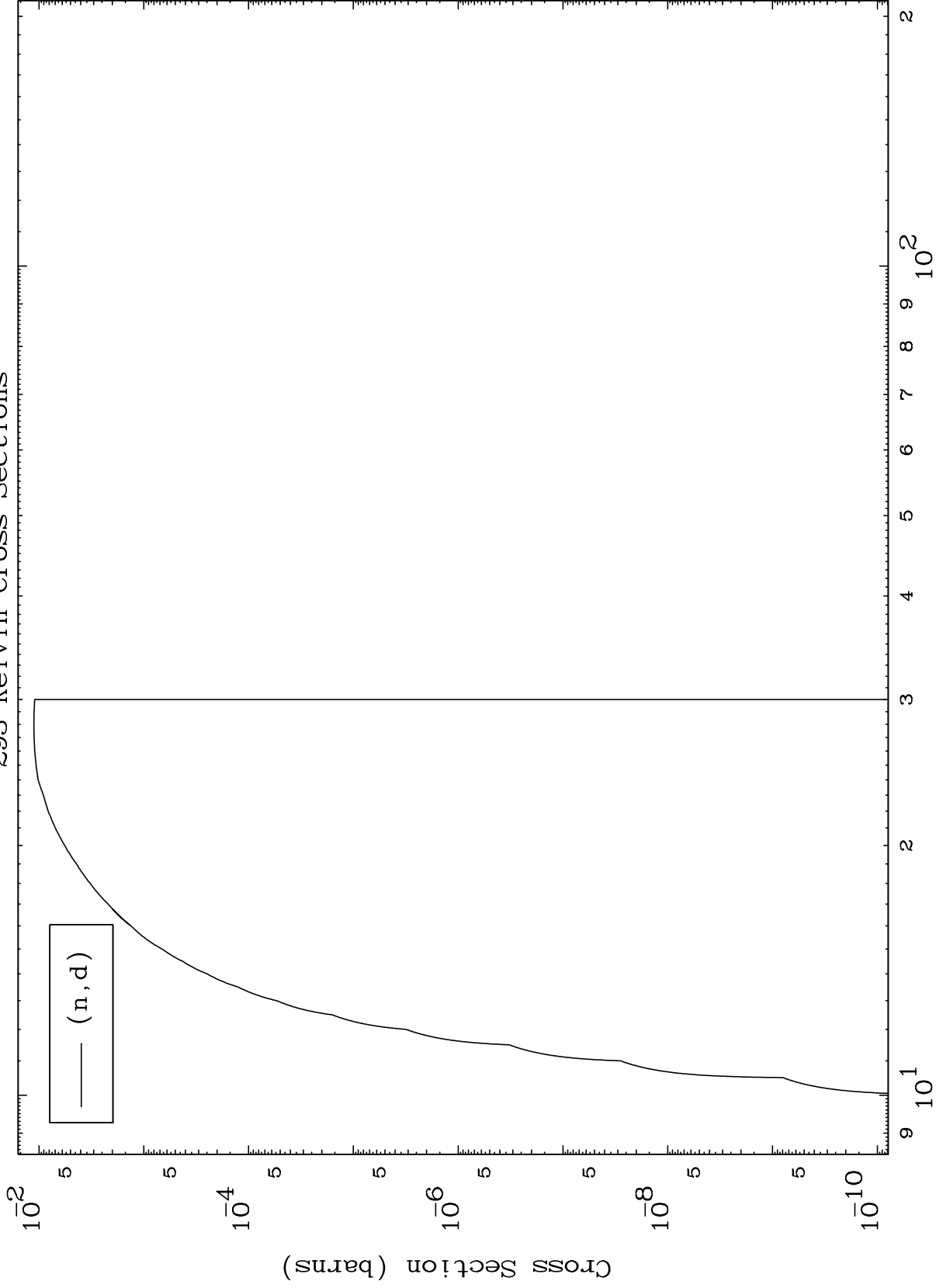
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,d) Levels  
293 Kelvin Cross Sections

31-Ga-77



13

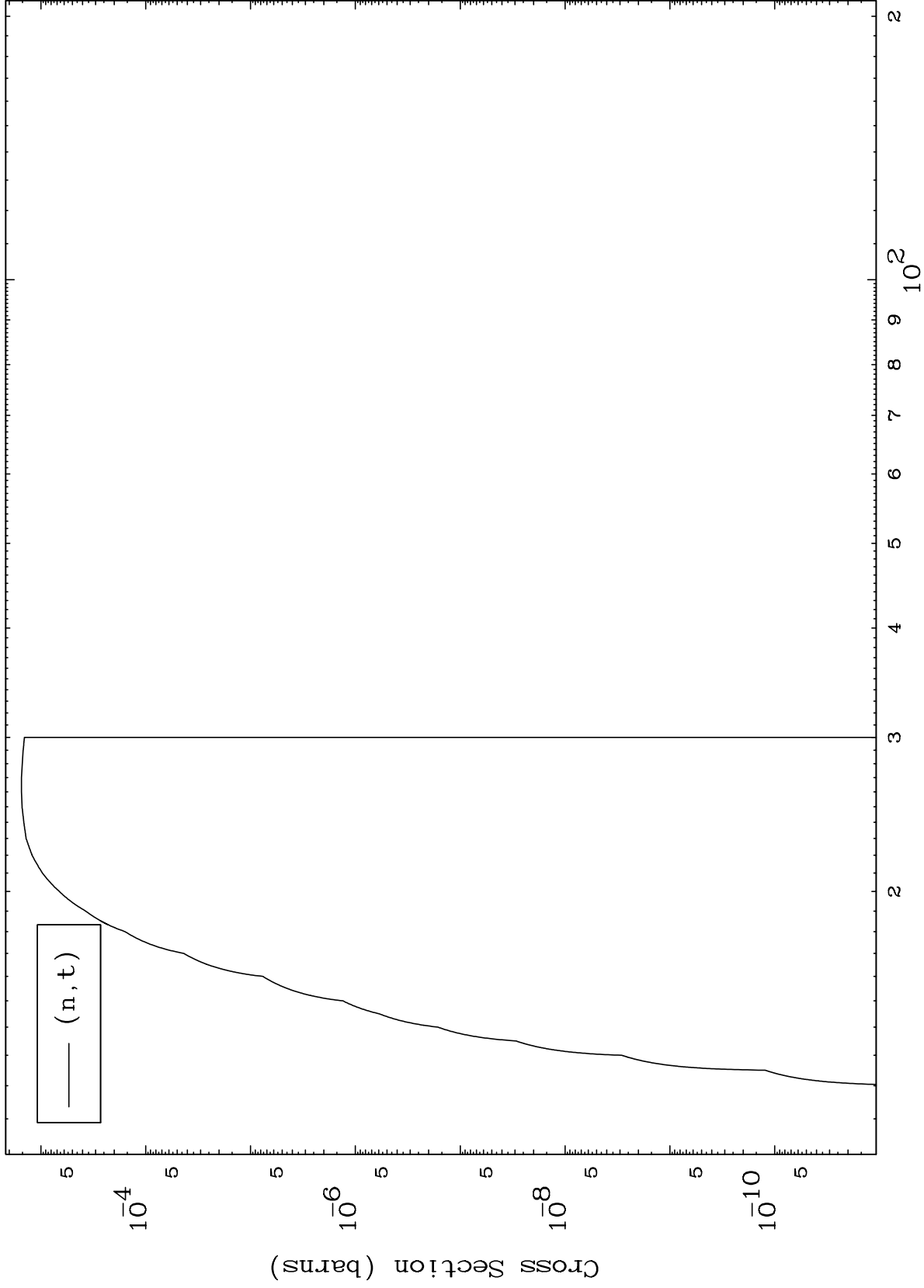
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,t) Levels  
293 Kelvin Cross Sections

31-Ga-77



14

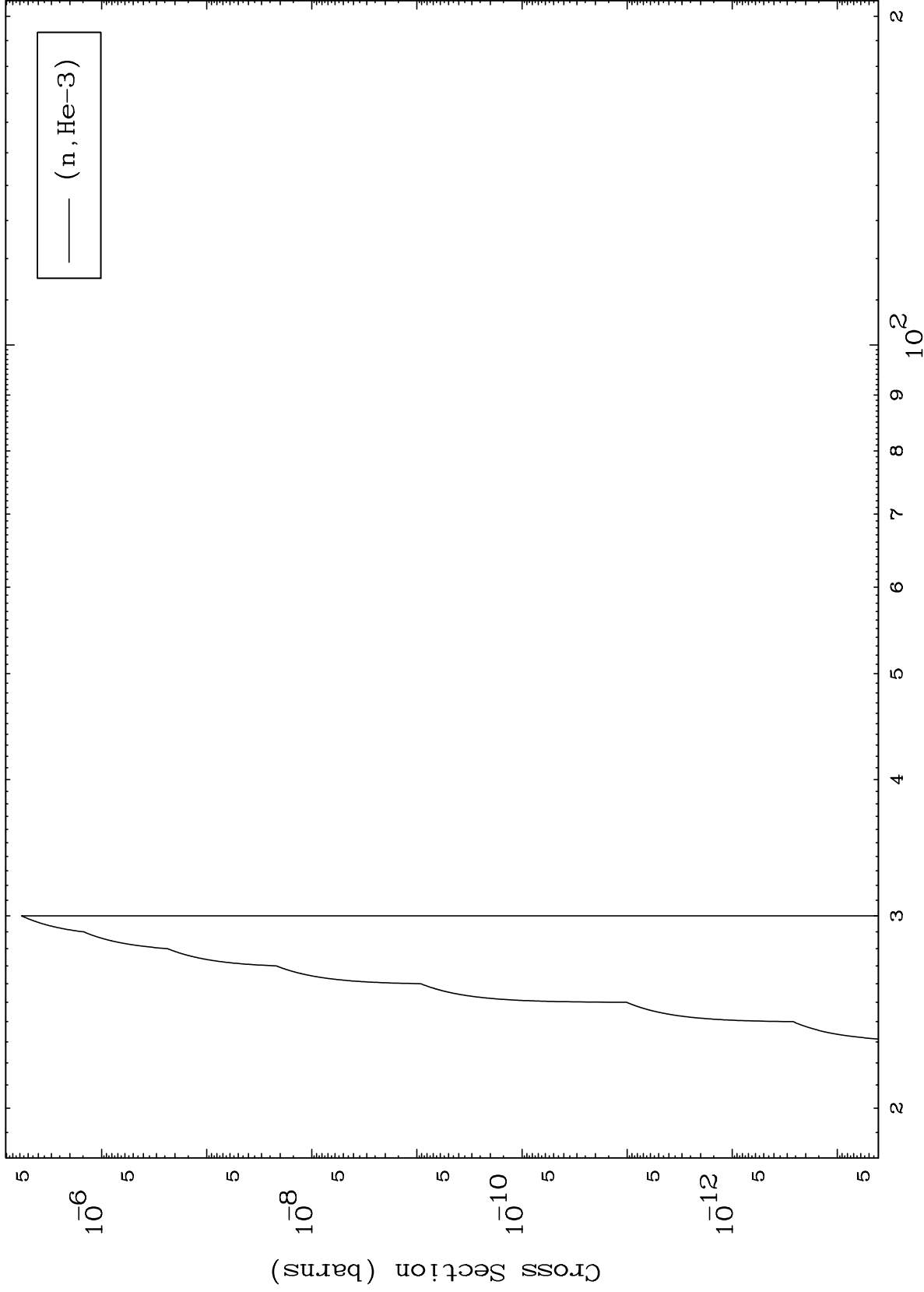
Incident Energy (MeV)

31-Ga-77

MAT 3149

(n,He3) Levels  
293 Kelvin Cross Sections

31-Ga-77



15

Incident Energy (MeV)

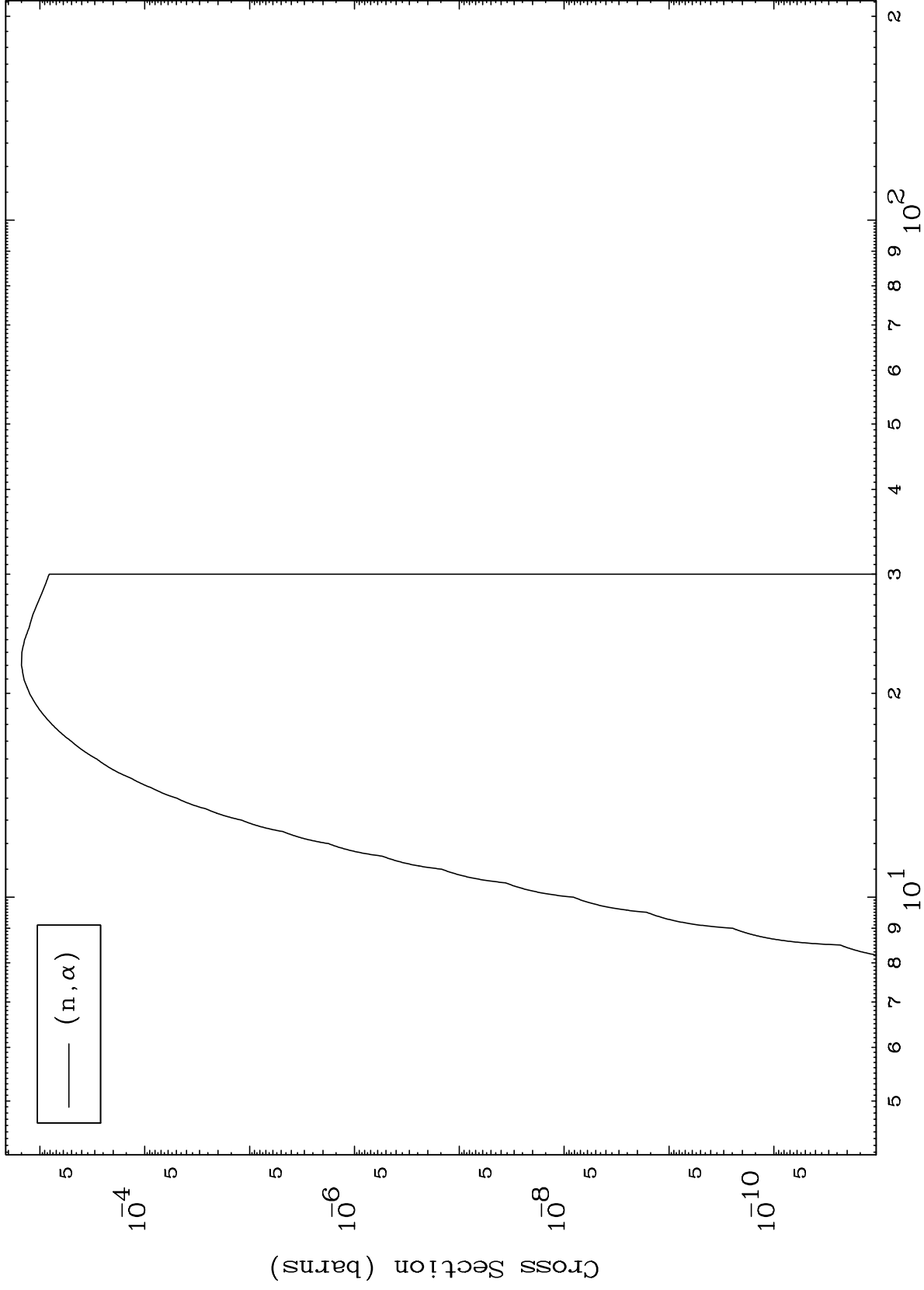
31-Ga-77



MAT 3149

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

31-Ga-77



16

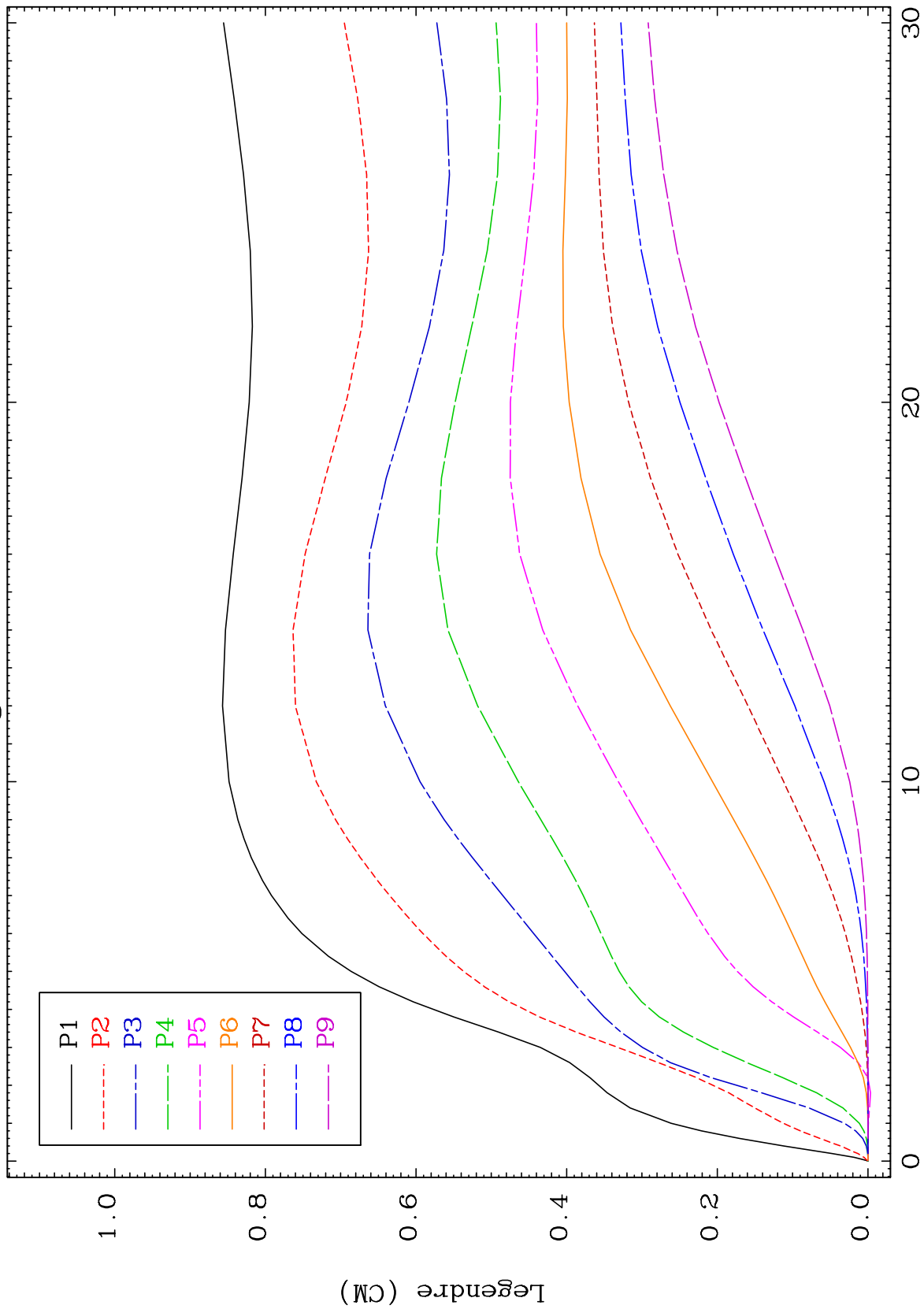
Incident Energy (MeV)

31-Ga-77

MAT 3149

Elastic Legendre Coefficients

<sup>31</sup>Ga-<sup>77</sup>



17

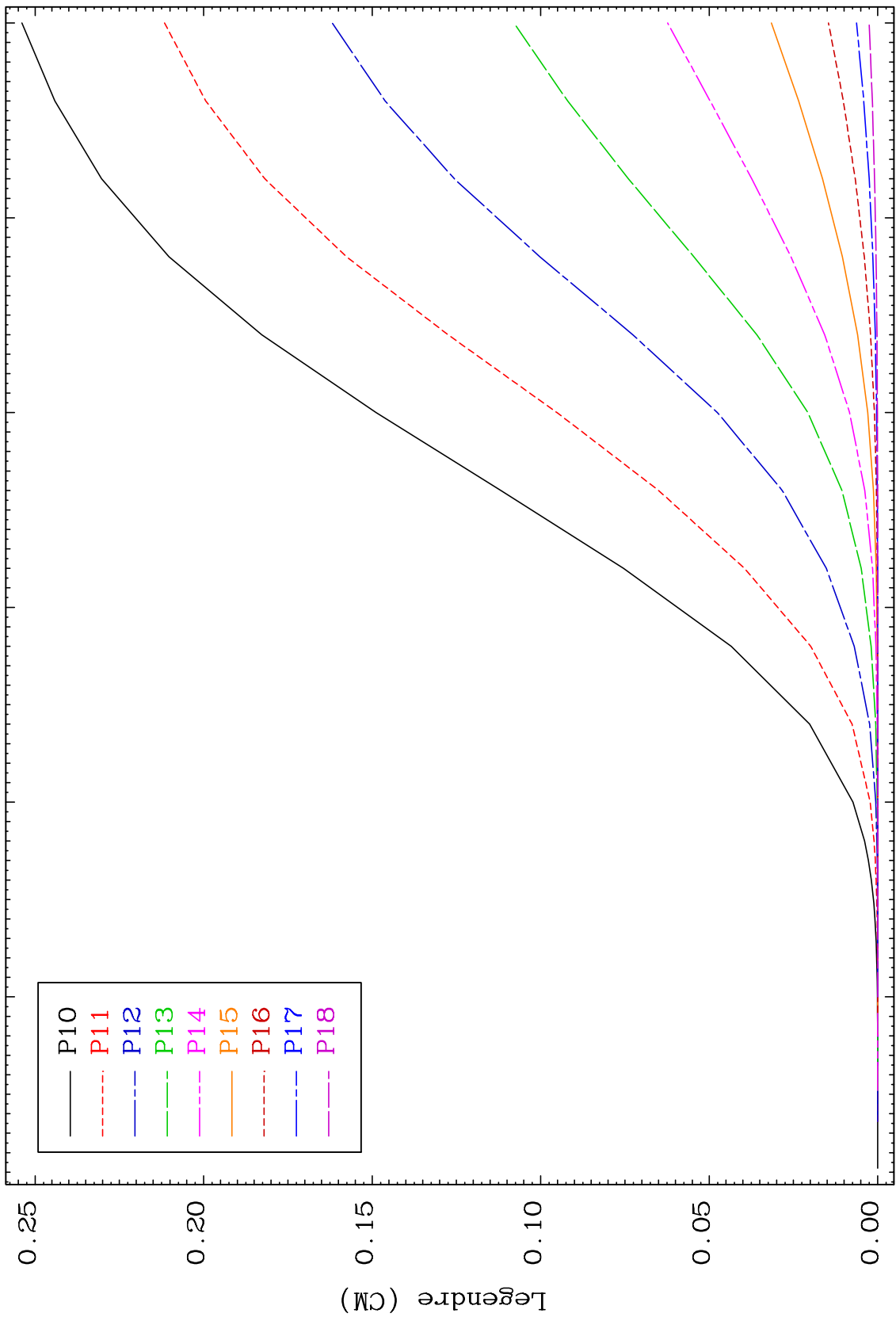
Incident Energy (MeV)

<sup>31</sup>Ga-<sup>77</sup>

MAT 3149

Elastic Legendre Coefficients

<sup>31</sup>Ga-77



18

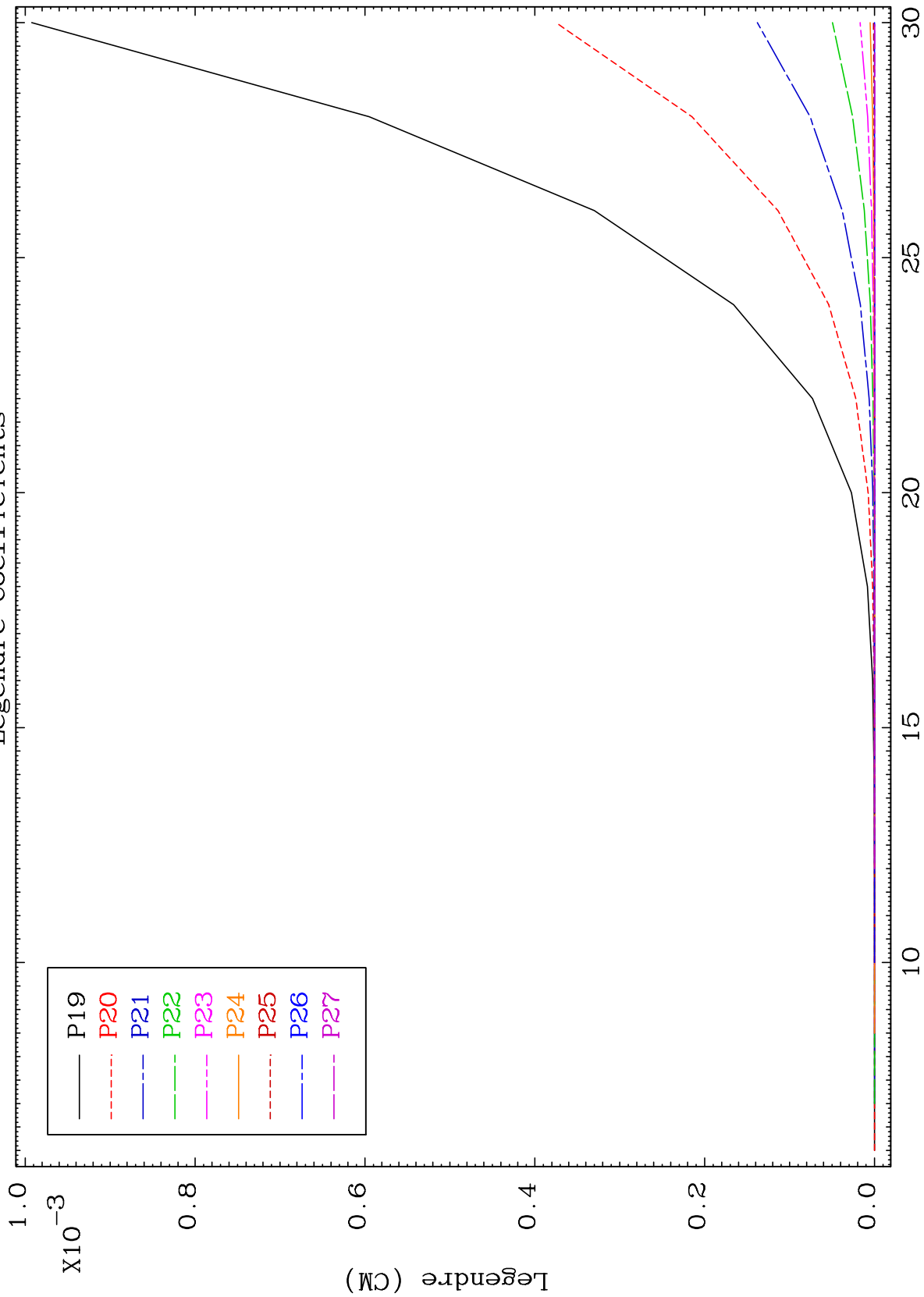
Incident Energy (MeV)

<sup>31</sup>Ga-77

MAT 3149

### Elastic Legendre Coefficients

31-Ga-77



19

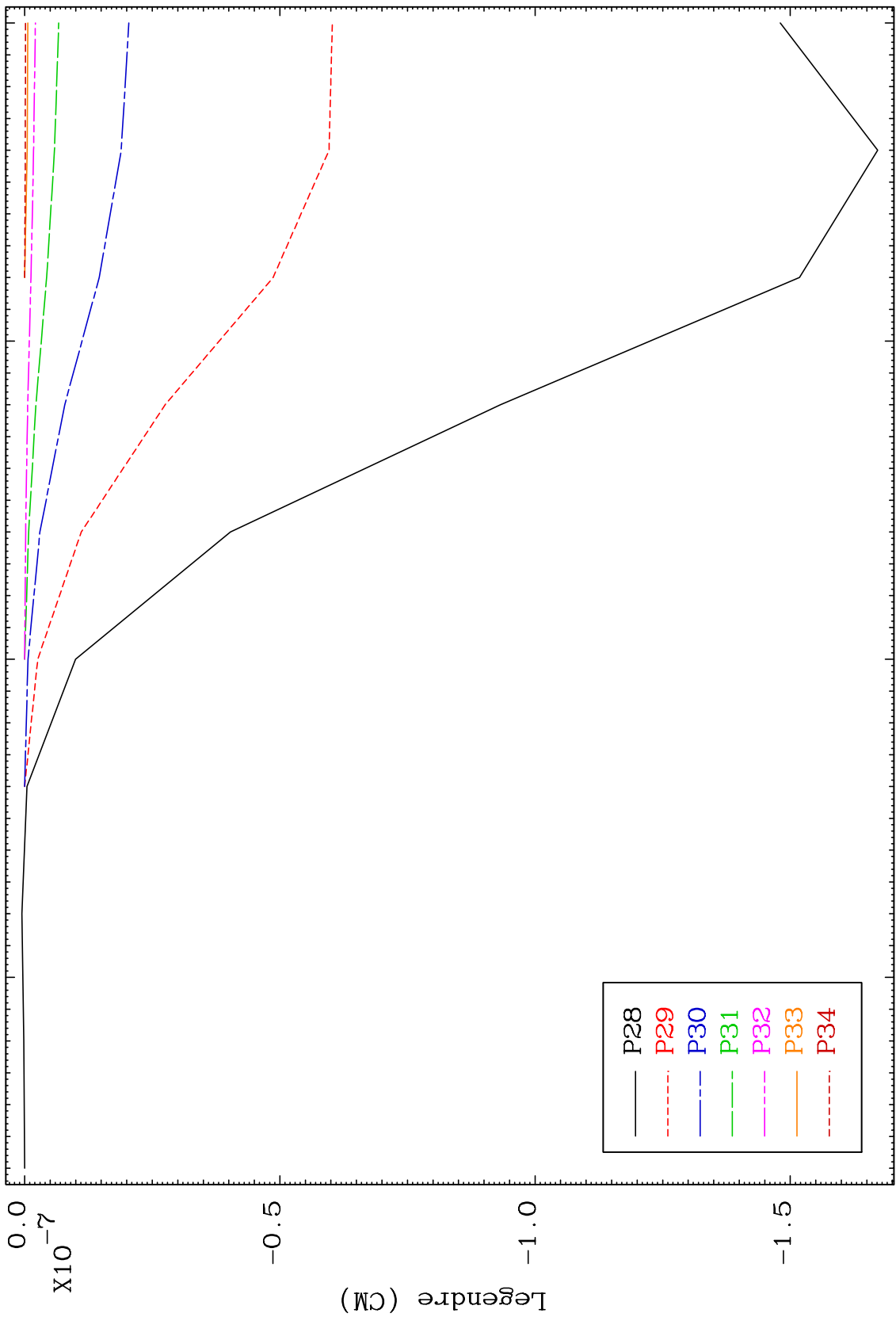
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

Elastic Legendre Coefficients



20

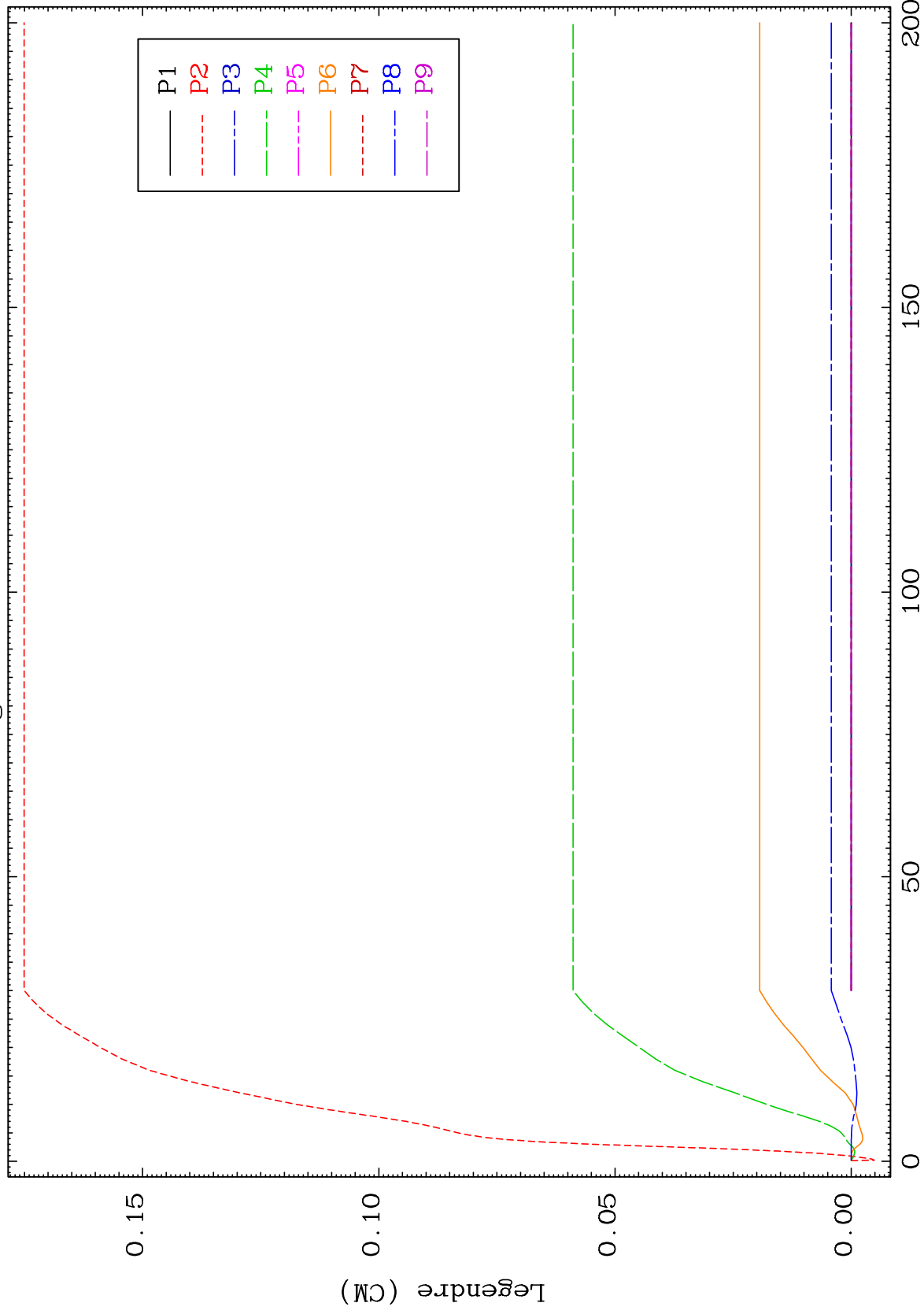
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



21

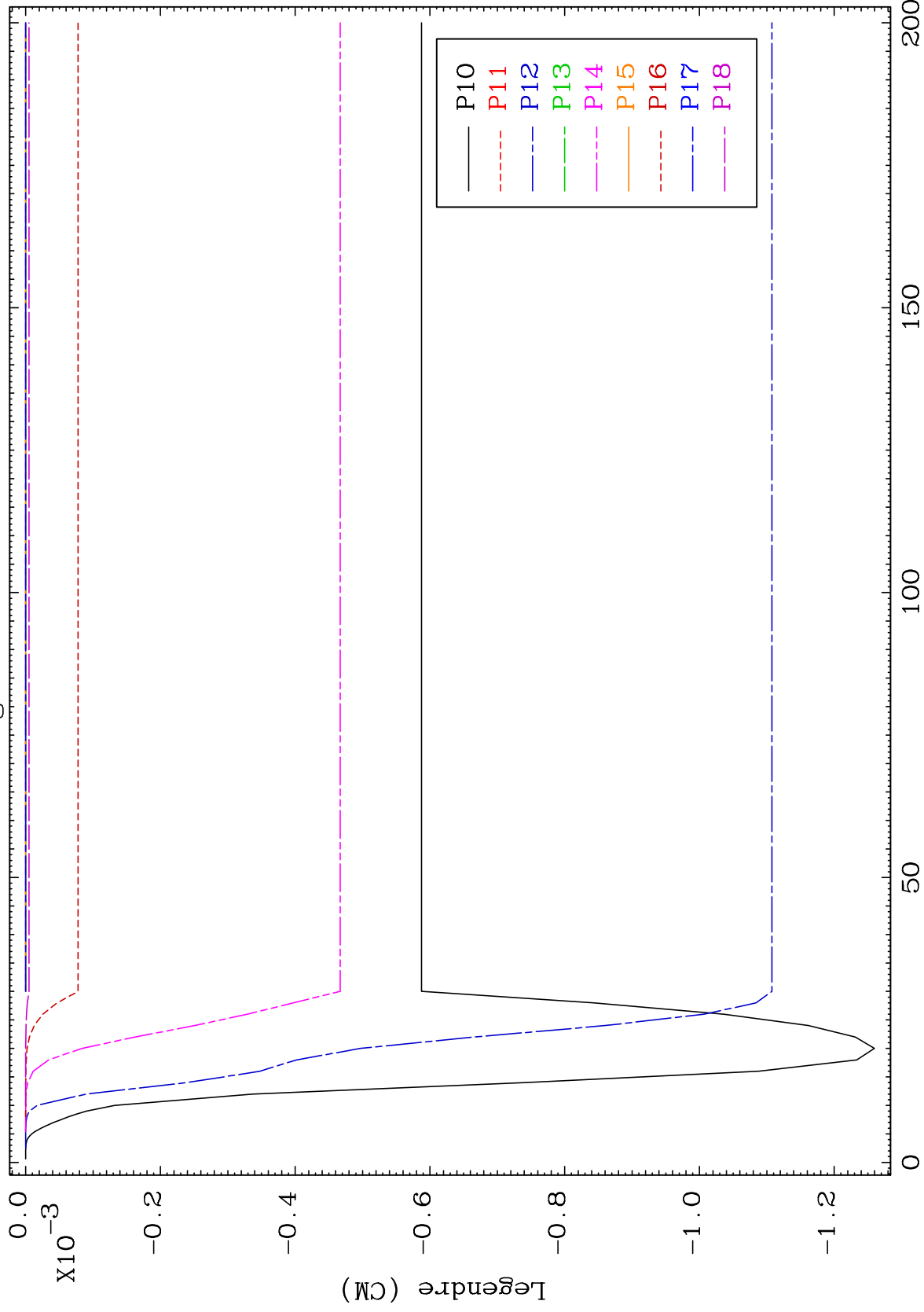
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

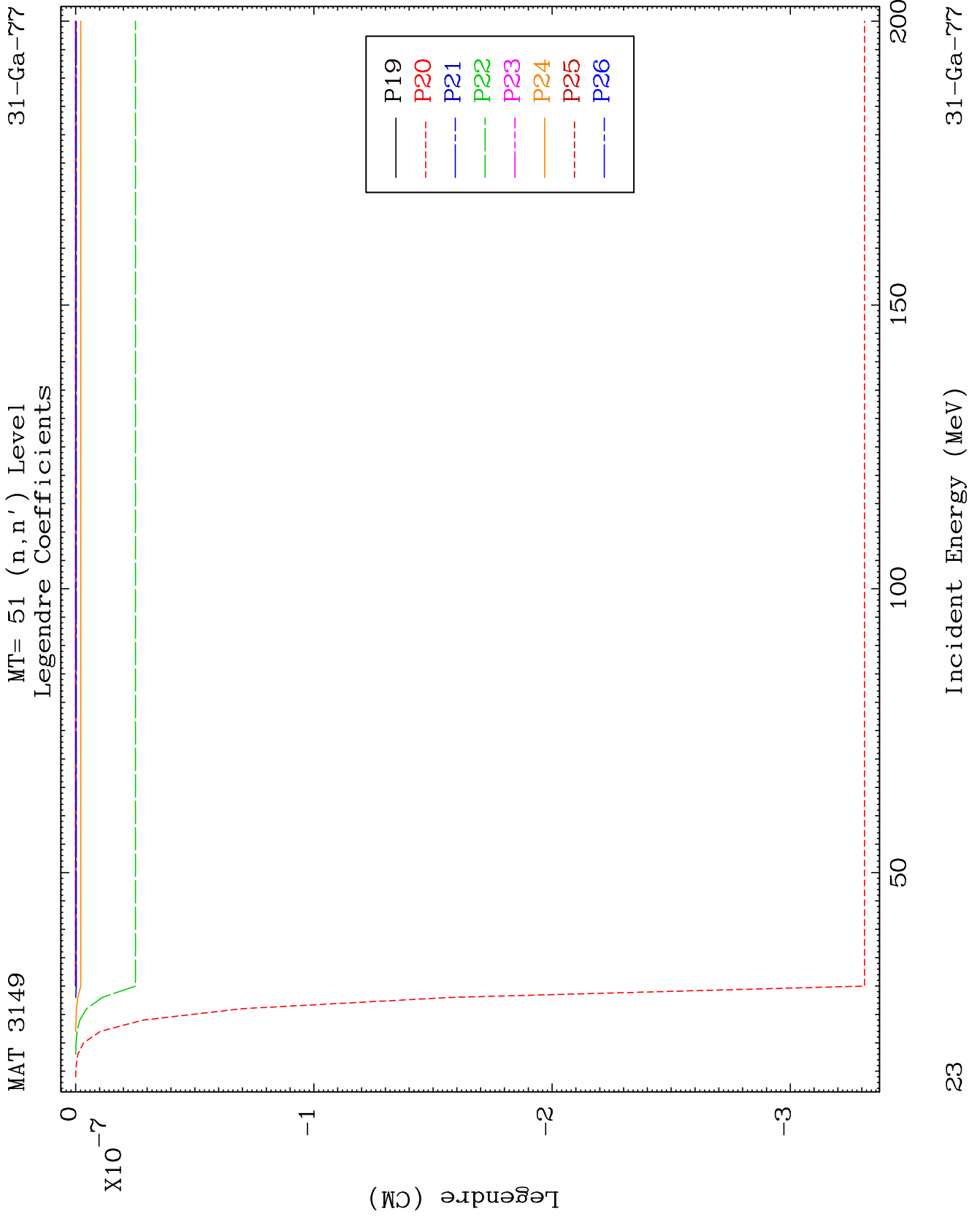
31-Ga-77



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Incident Energy (MeV)

31-Ga-77



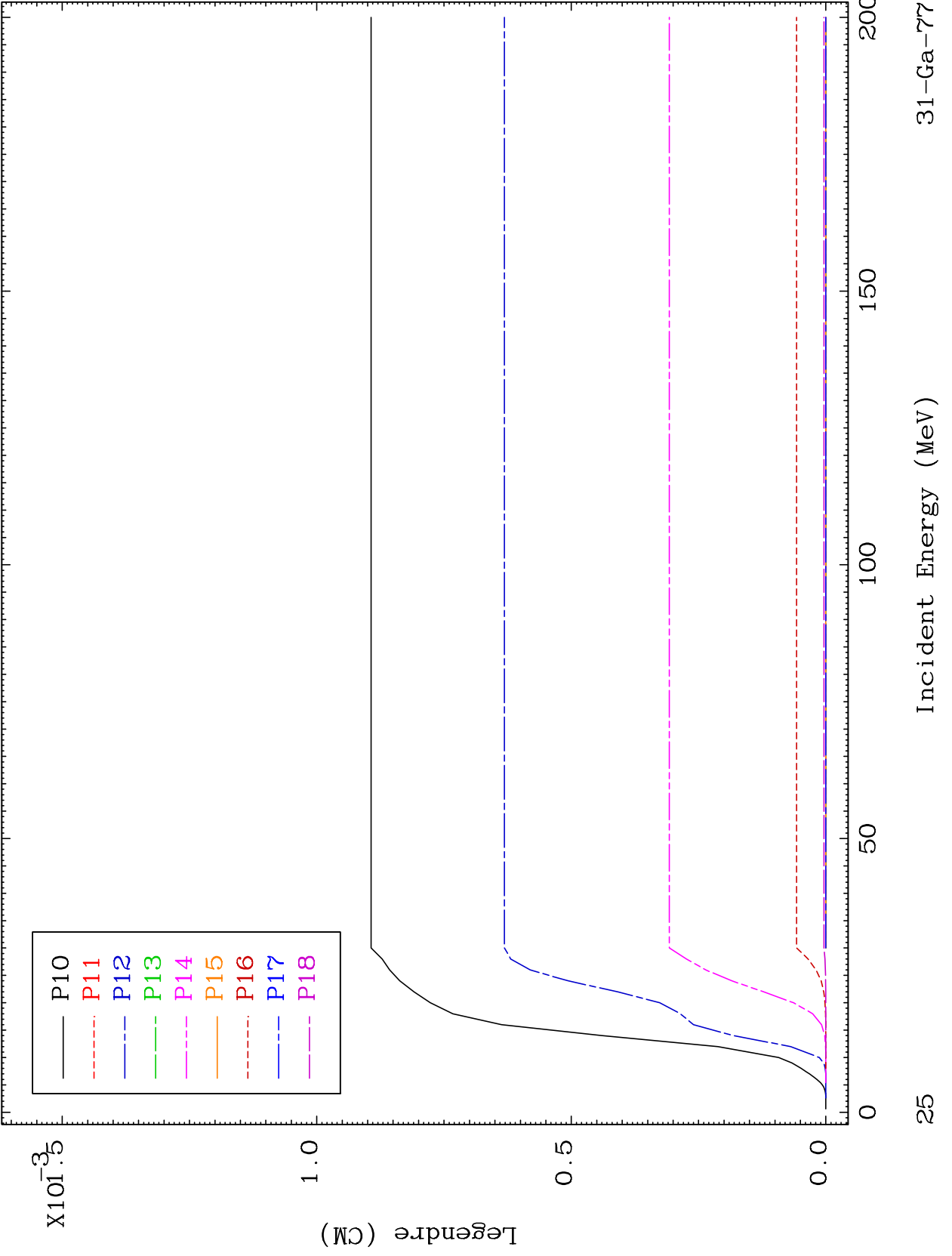


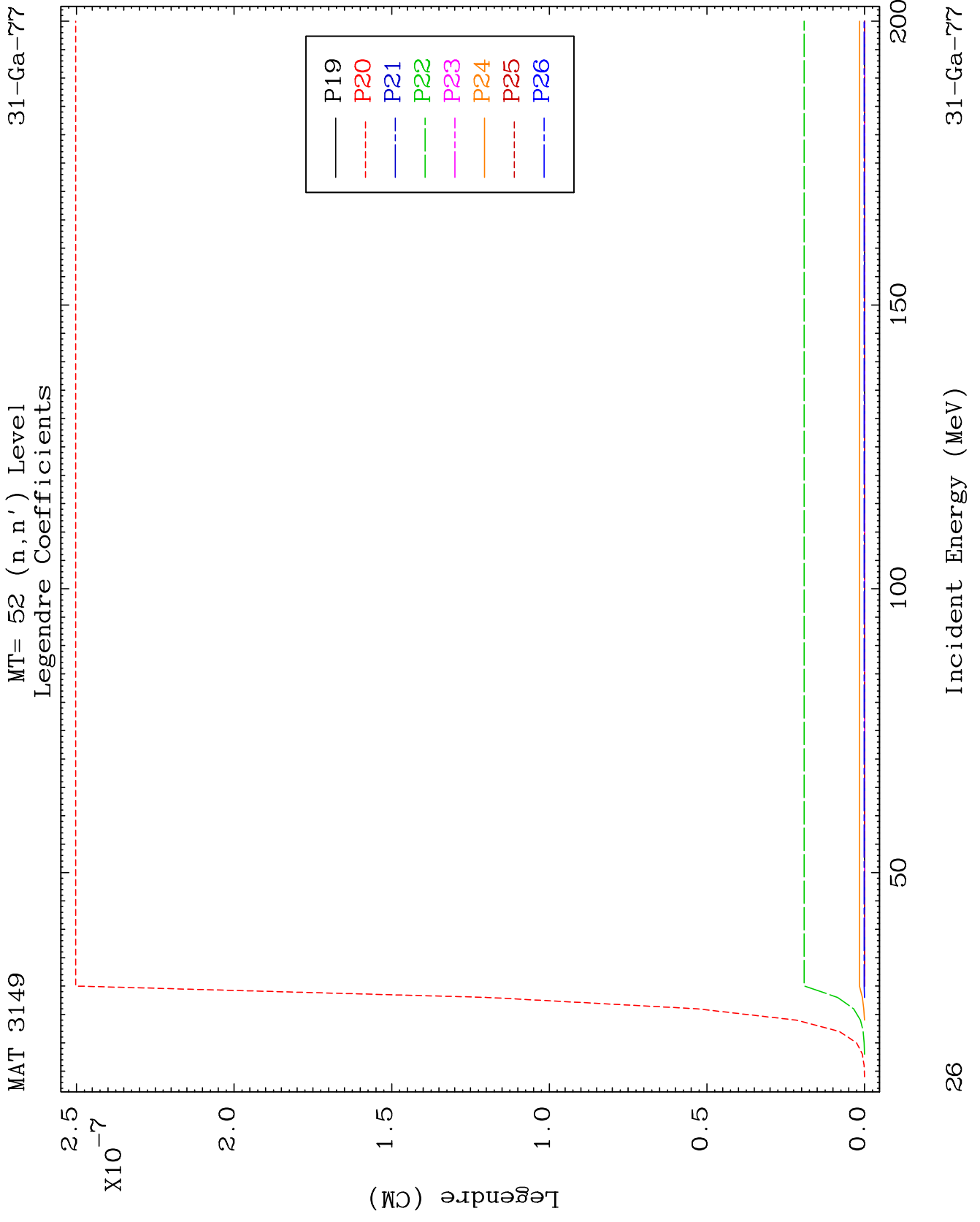


MAT 3149

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

31-Ga-77

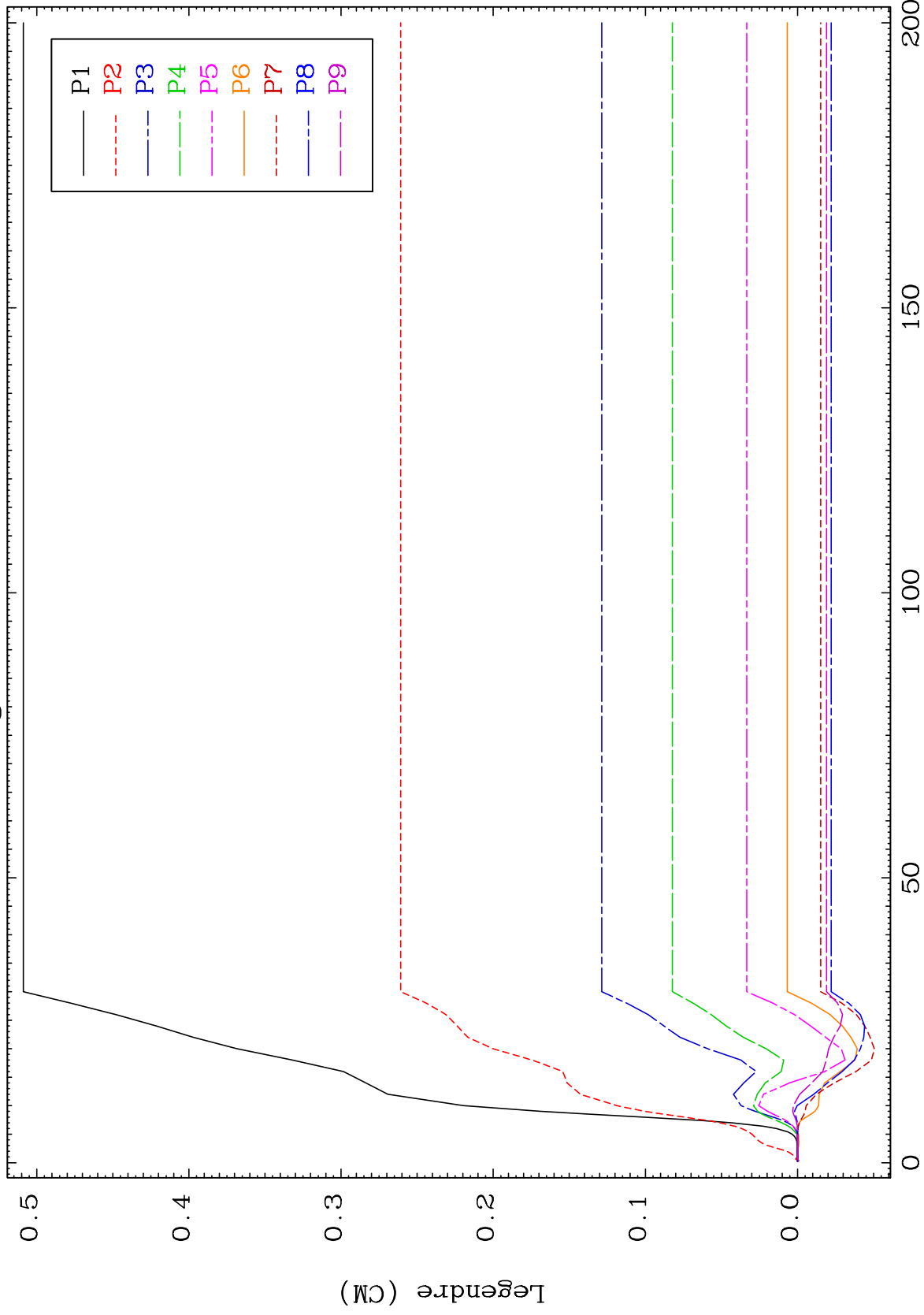




MAT 3149

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

31-Ga-77



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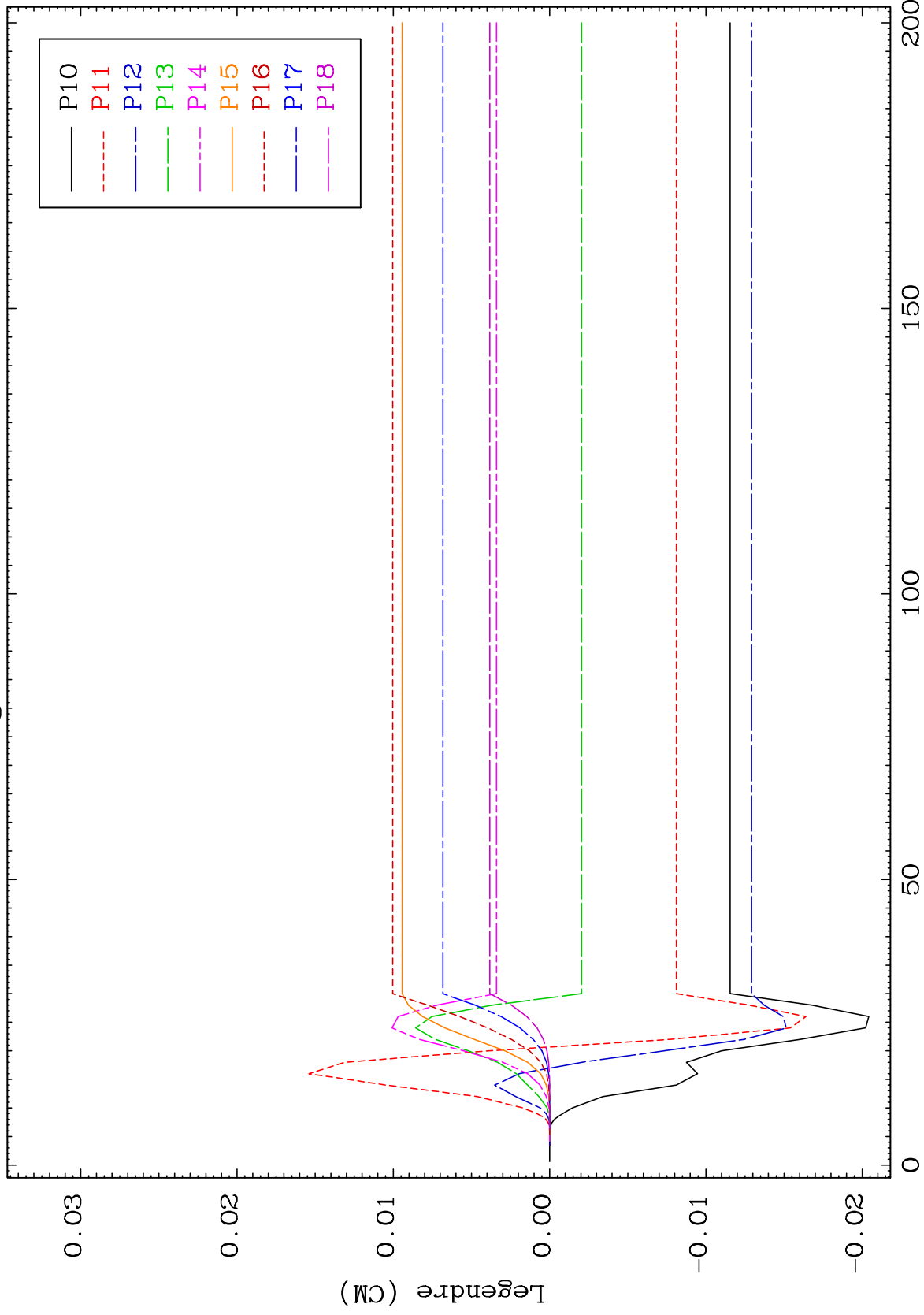
31-Ga-77

31-Ga-77

MAT 3149

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

31-Ga-77



28

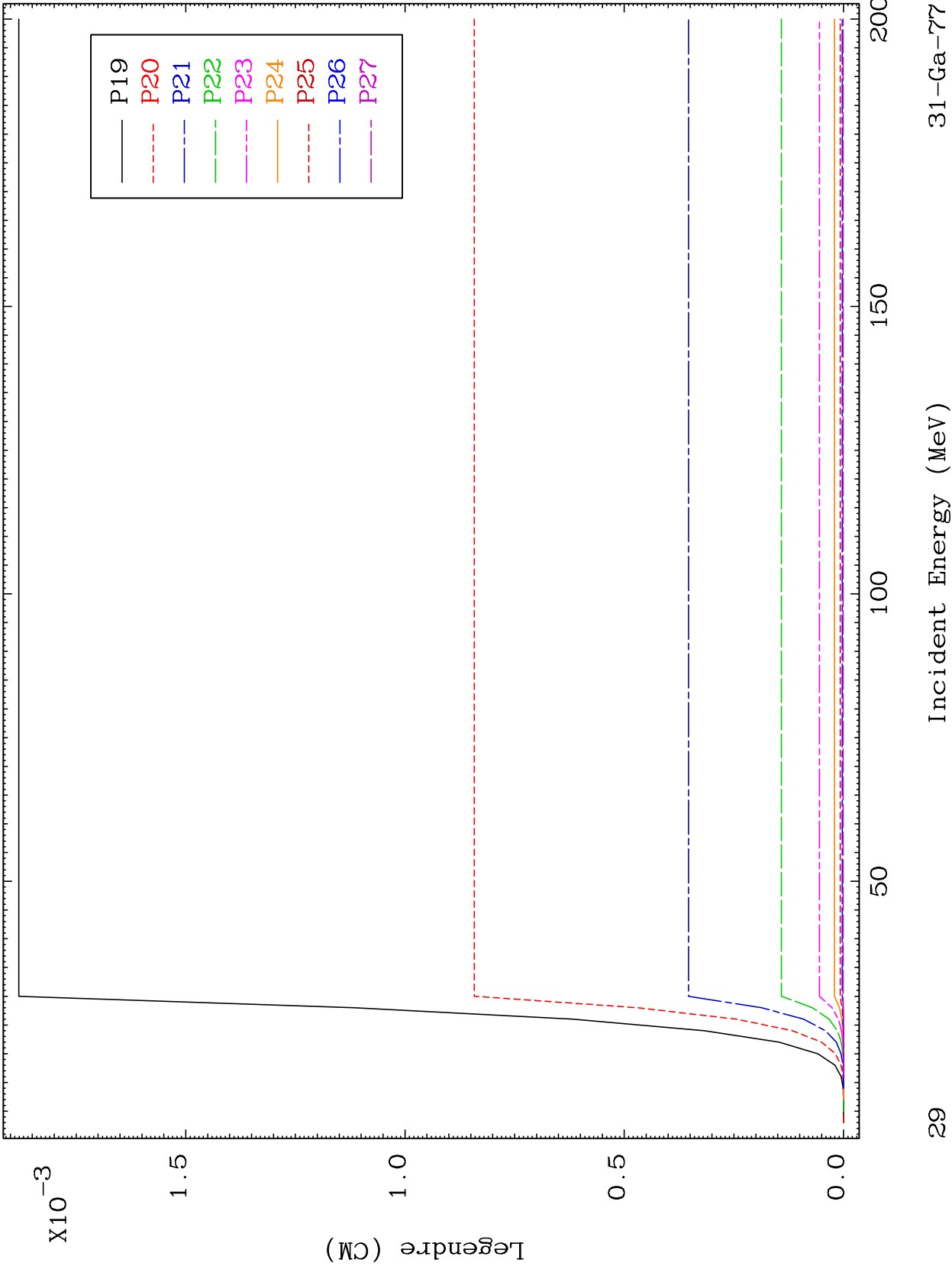
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



29

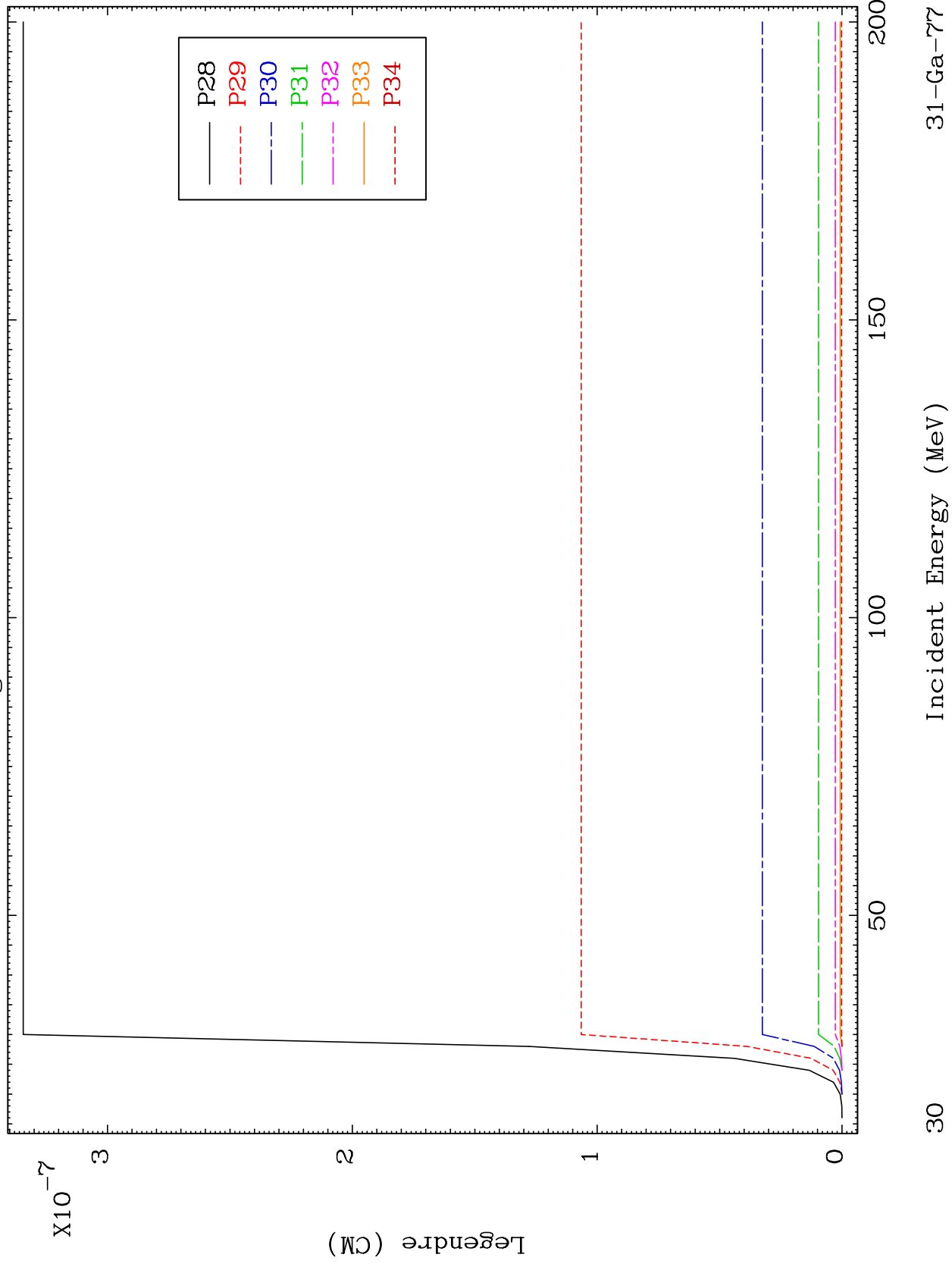
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

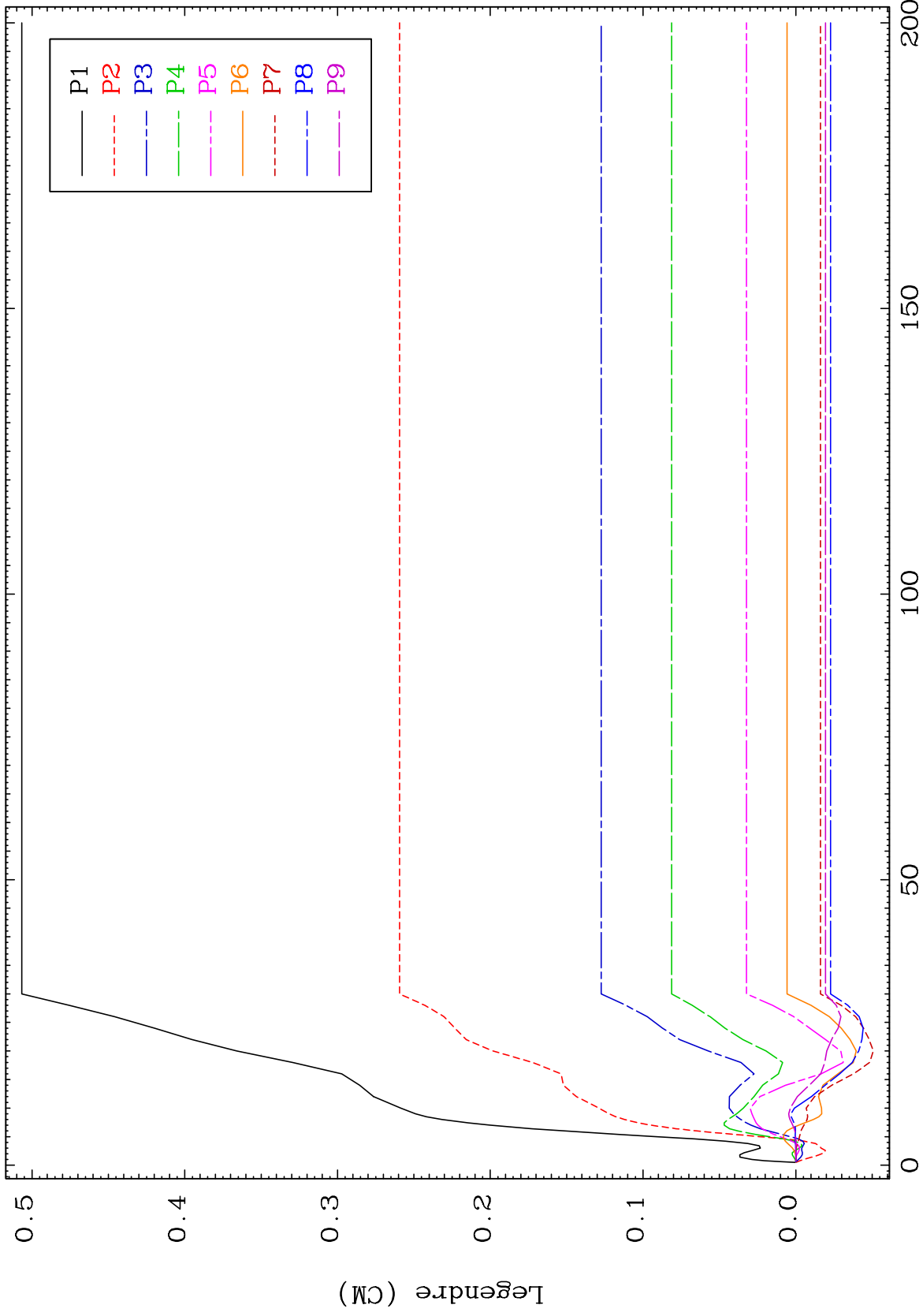
31-Ga-77



MAT 3149

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

31-Ga-77



31

Incident Energy (MeV)

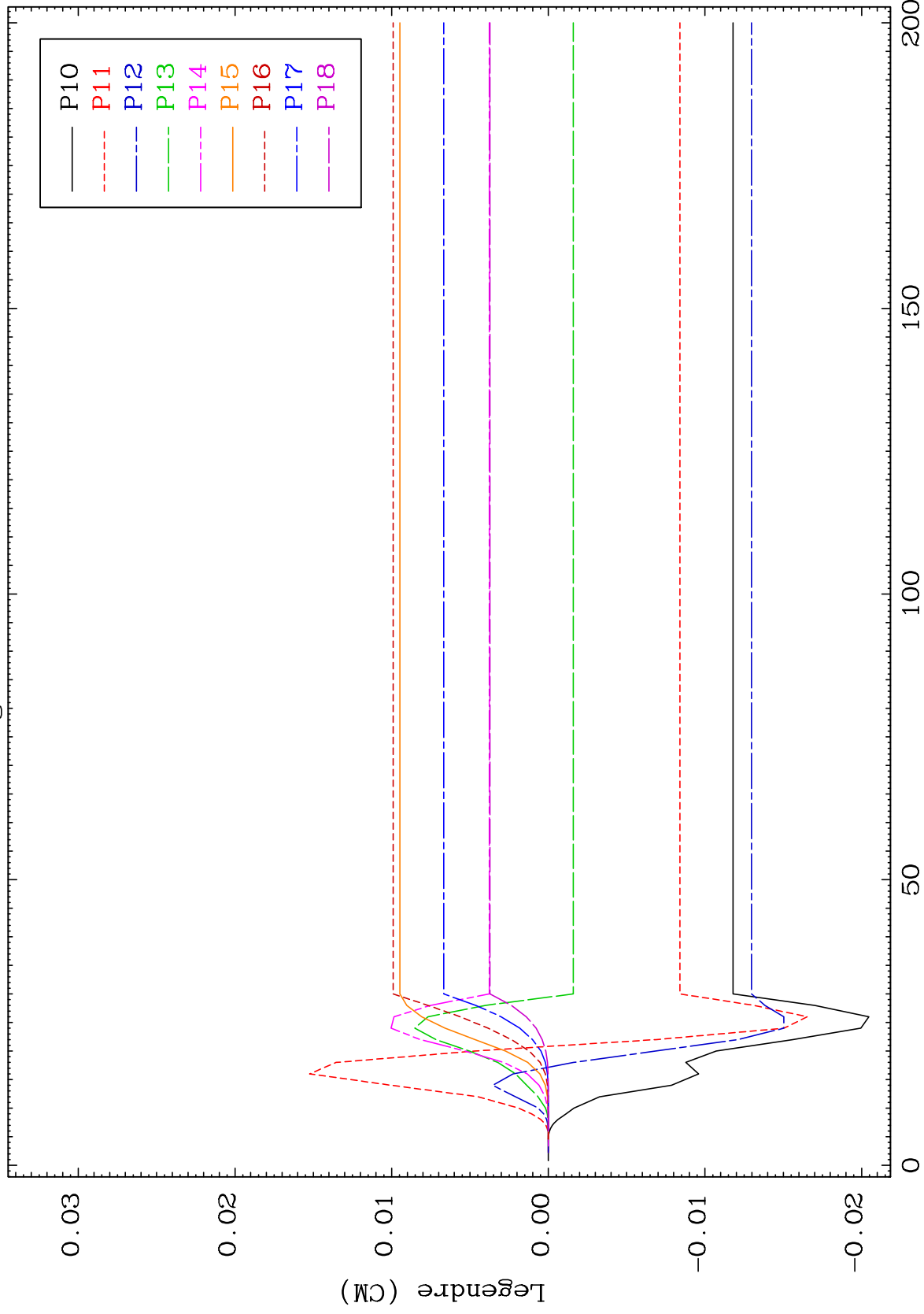
31-Ga-77



MAT 3149

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

<sup>31</sup>Ga-77



32

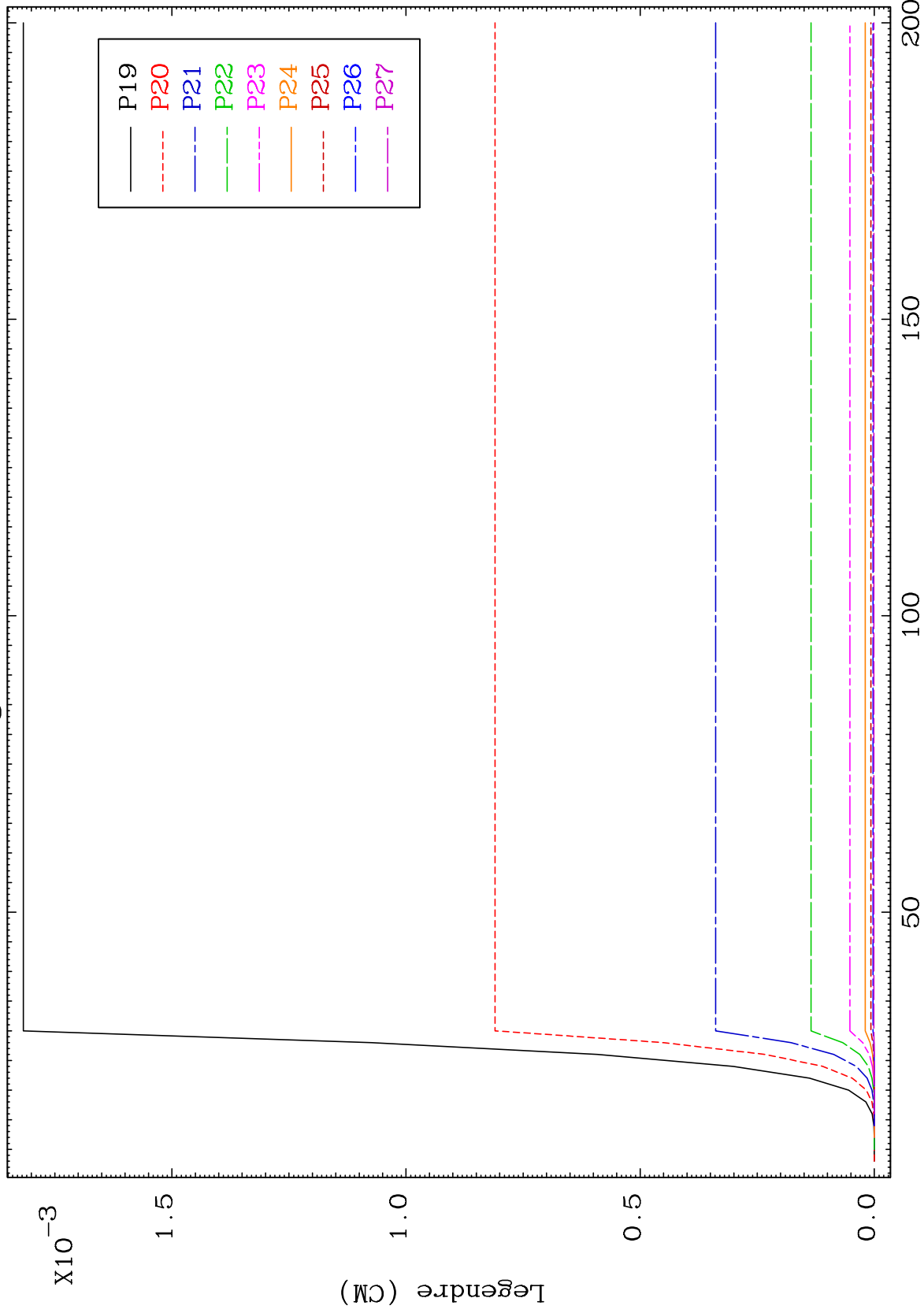
Incident Energy (MeV)

<sup>31</sup>Ga-77

MAT 3149

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

31-Ga-77



33

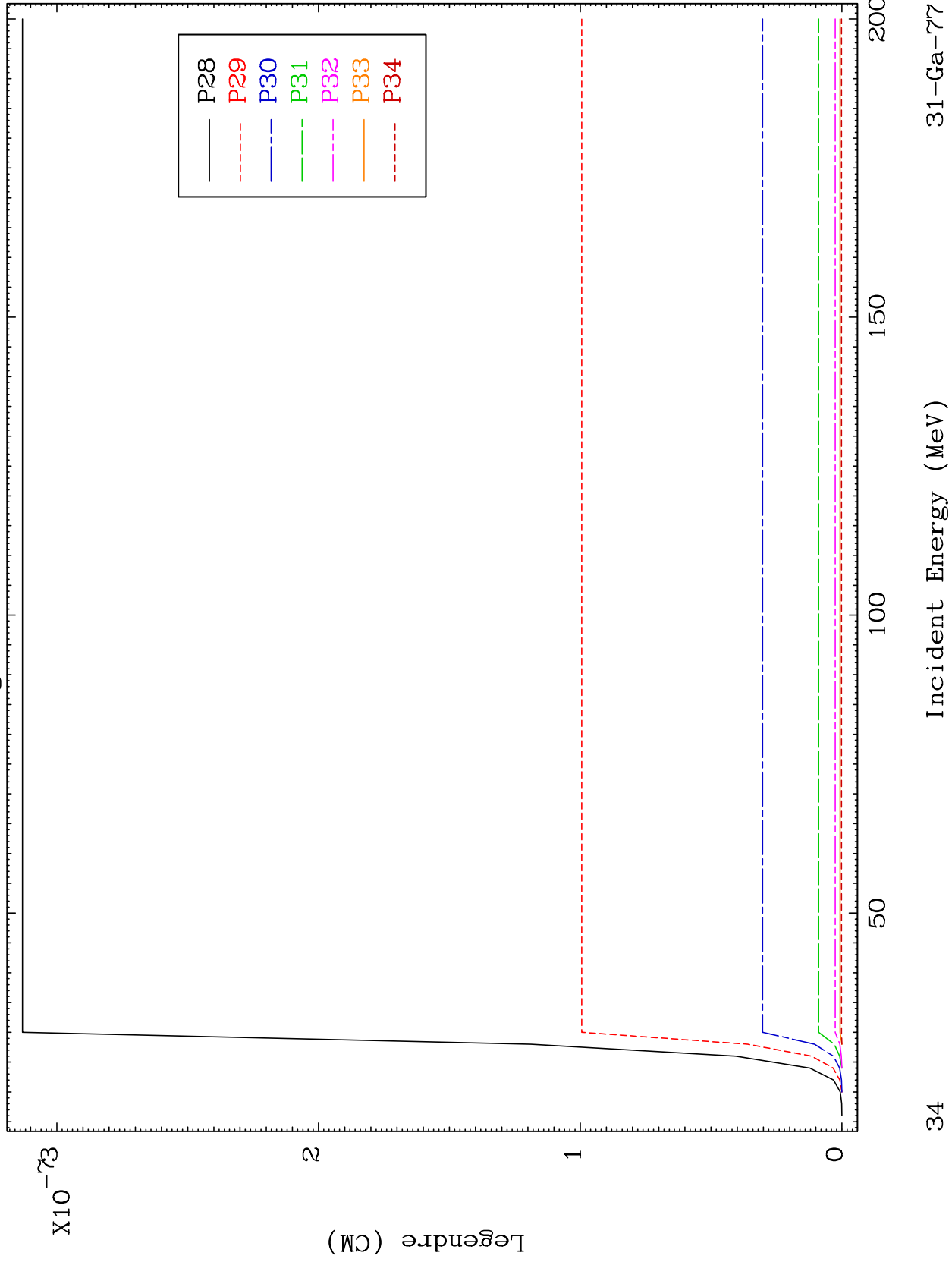
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

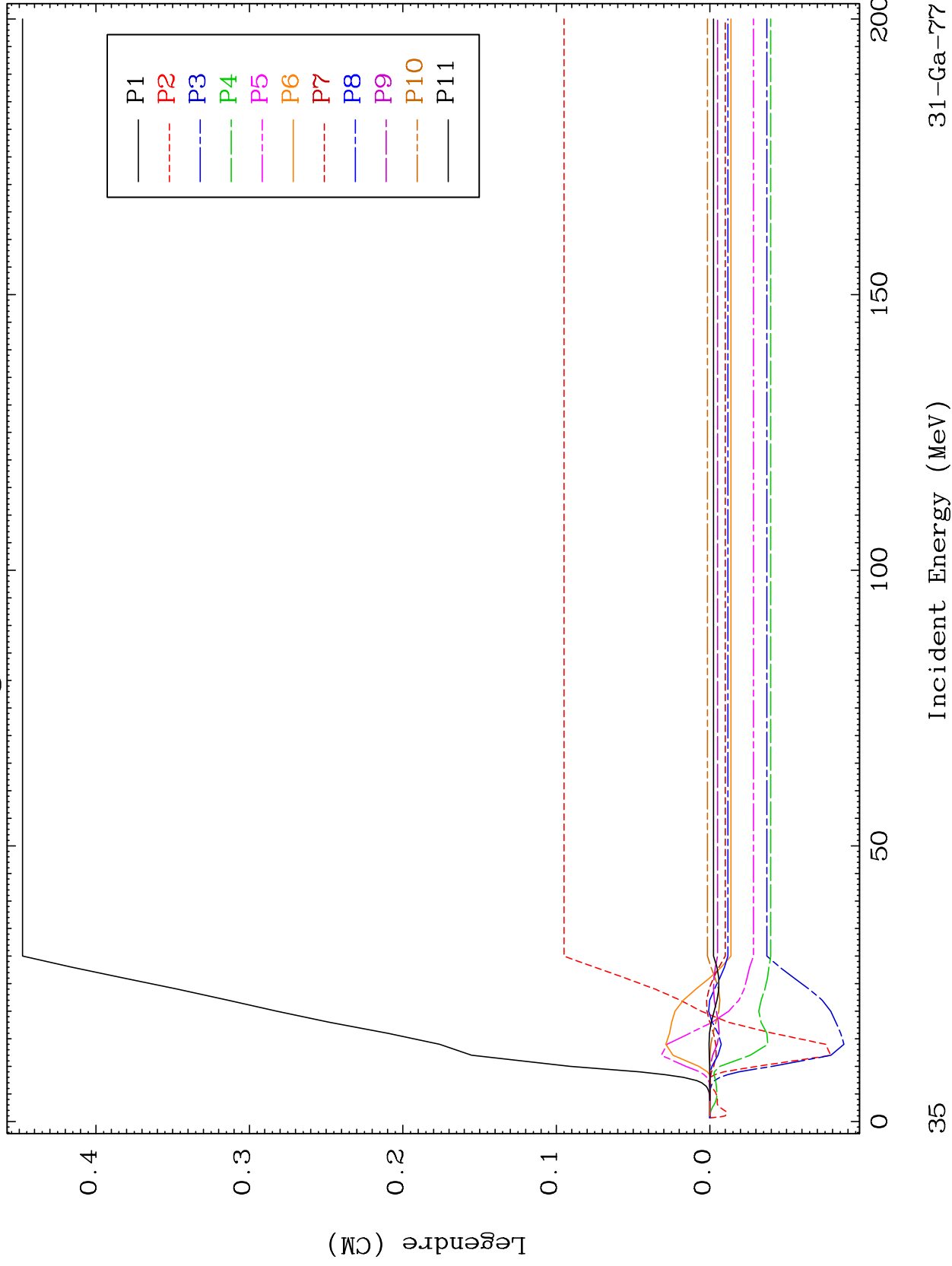
31-Ga-77



MAT 3149

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

<sup>31</sup>Ga-77



<sup>31</sup>Ga-77

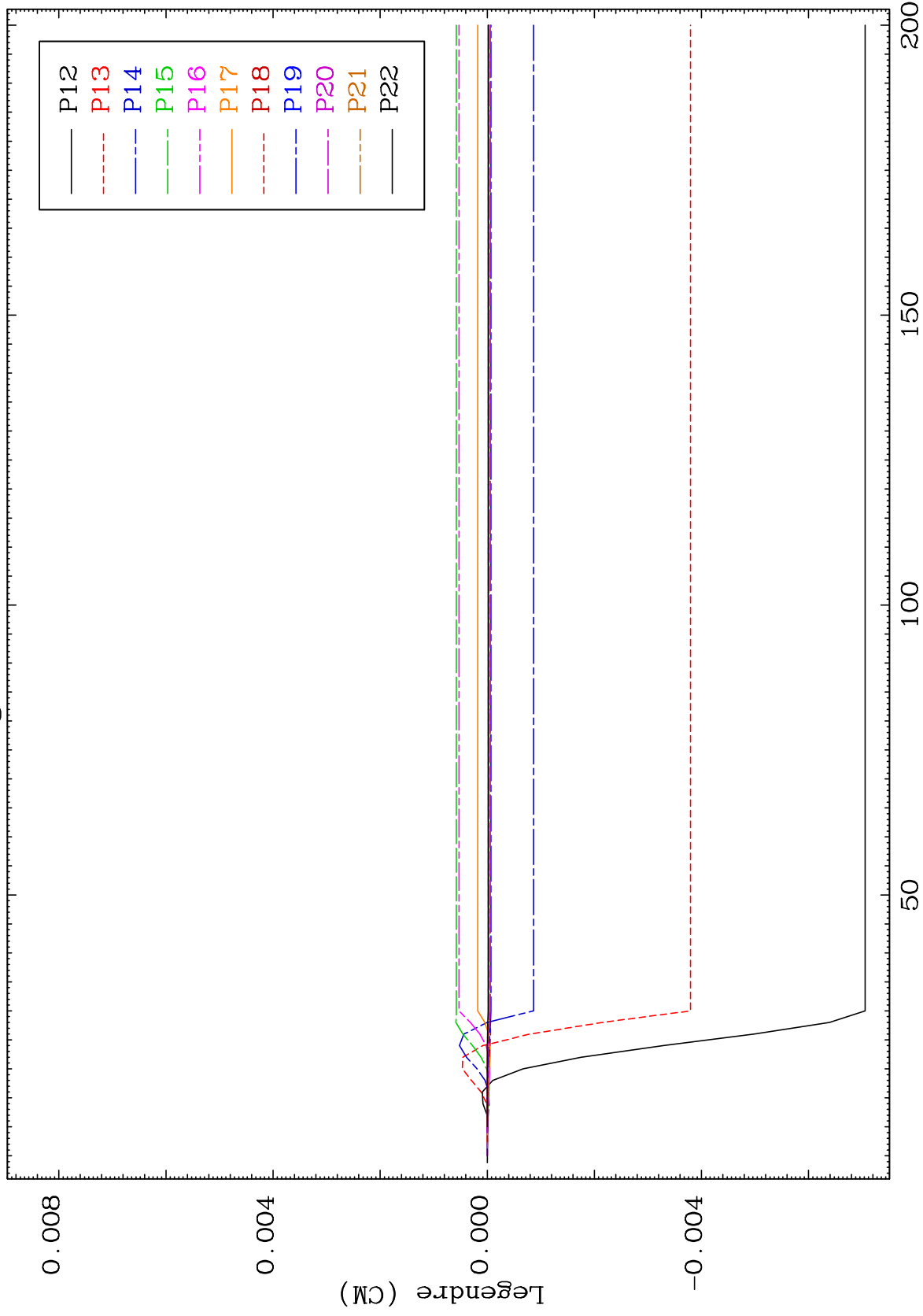
Incident Energy (MeV)

35

MAT 3149

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

31-Ga-77



36

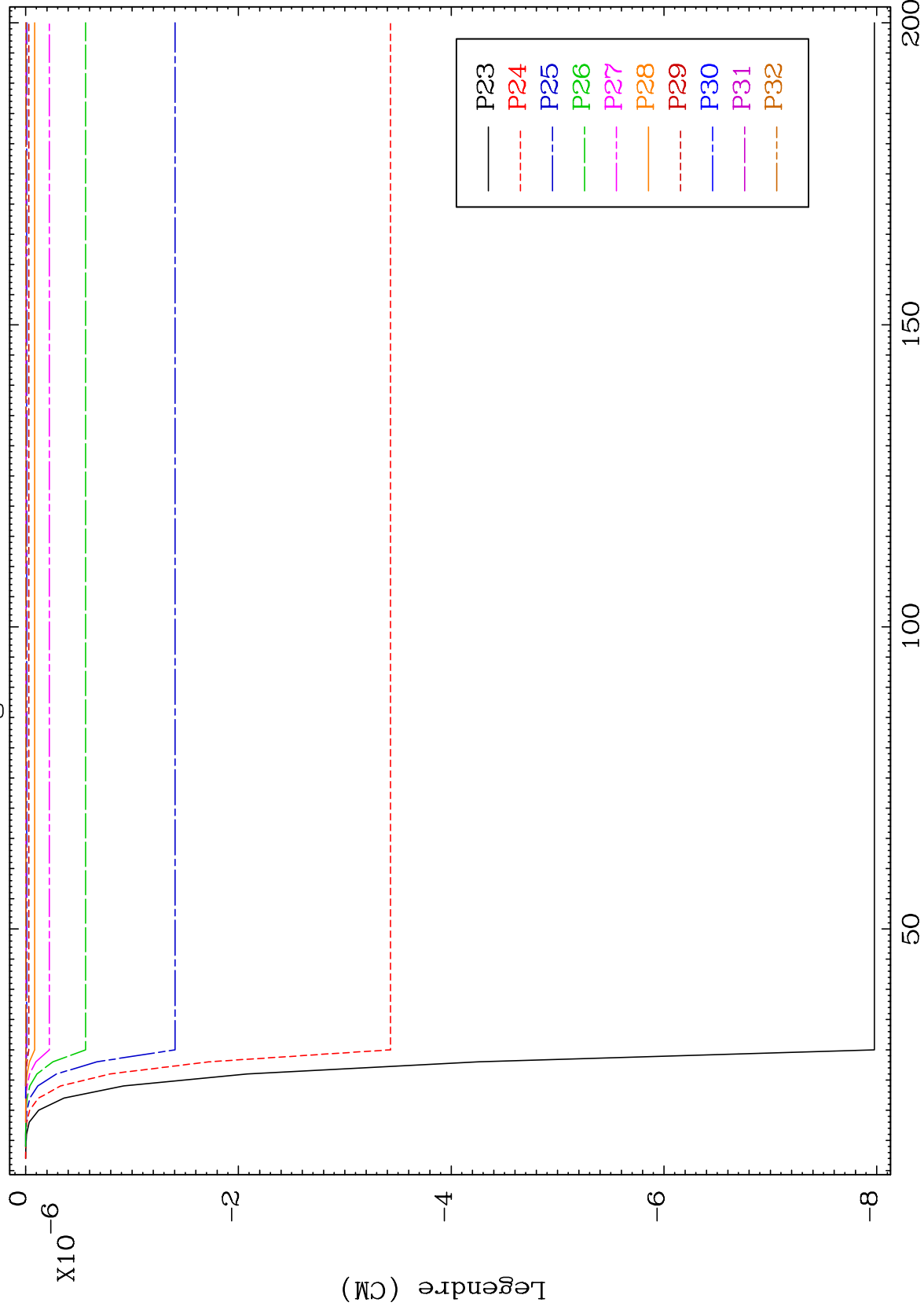
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



37

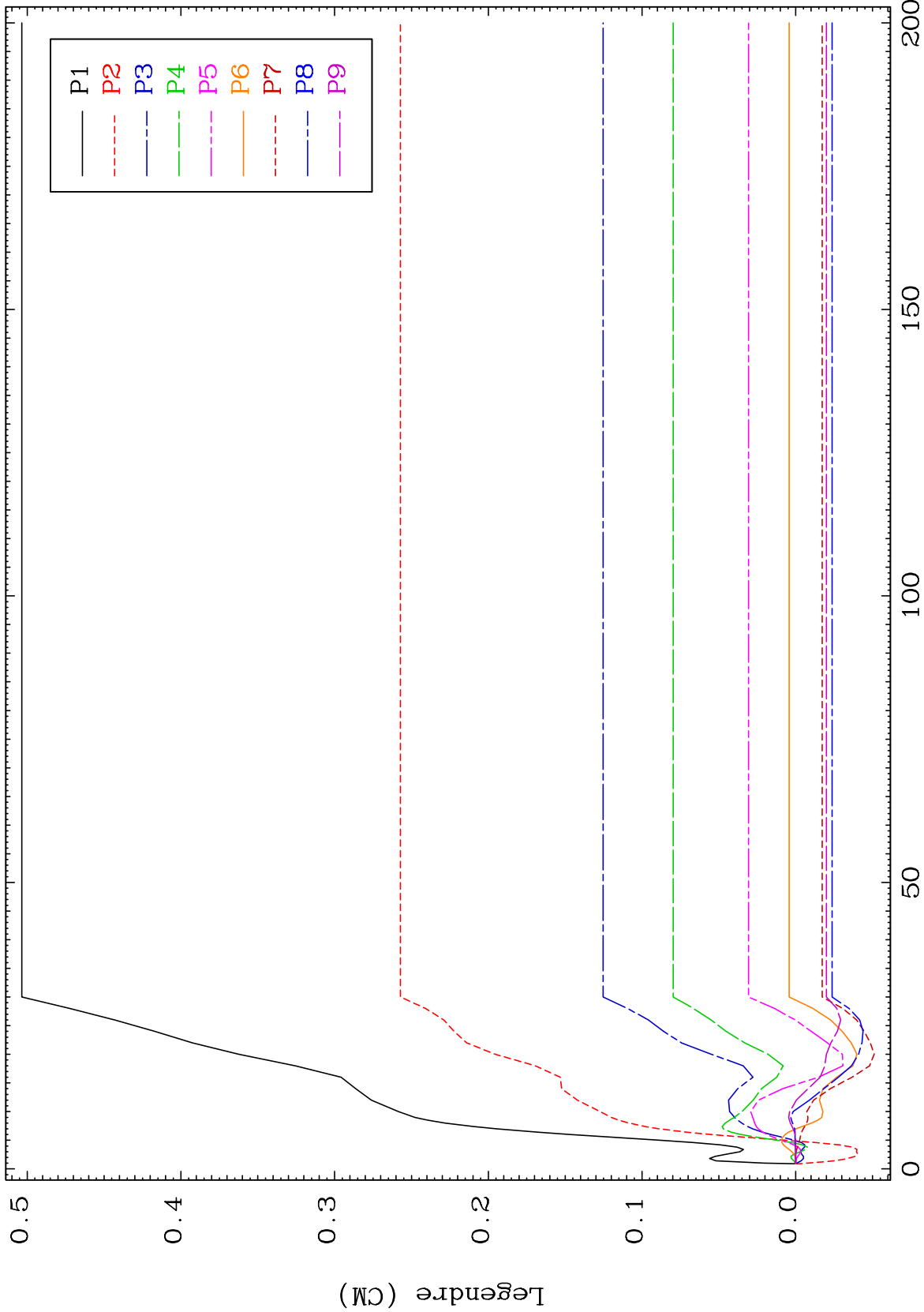
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



38

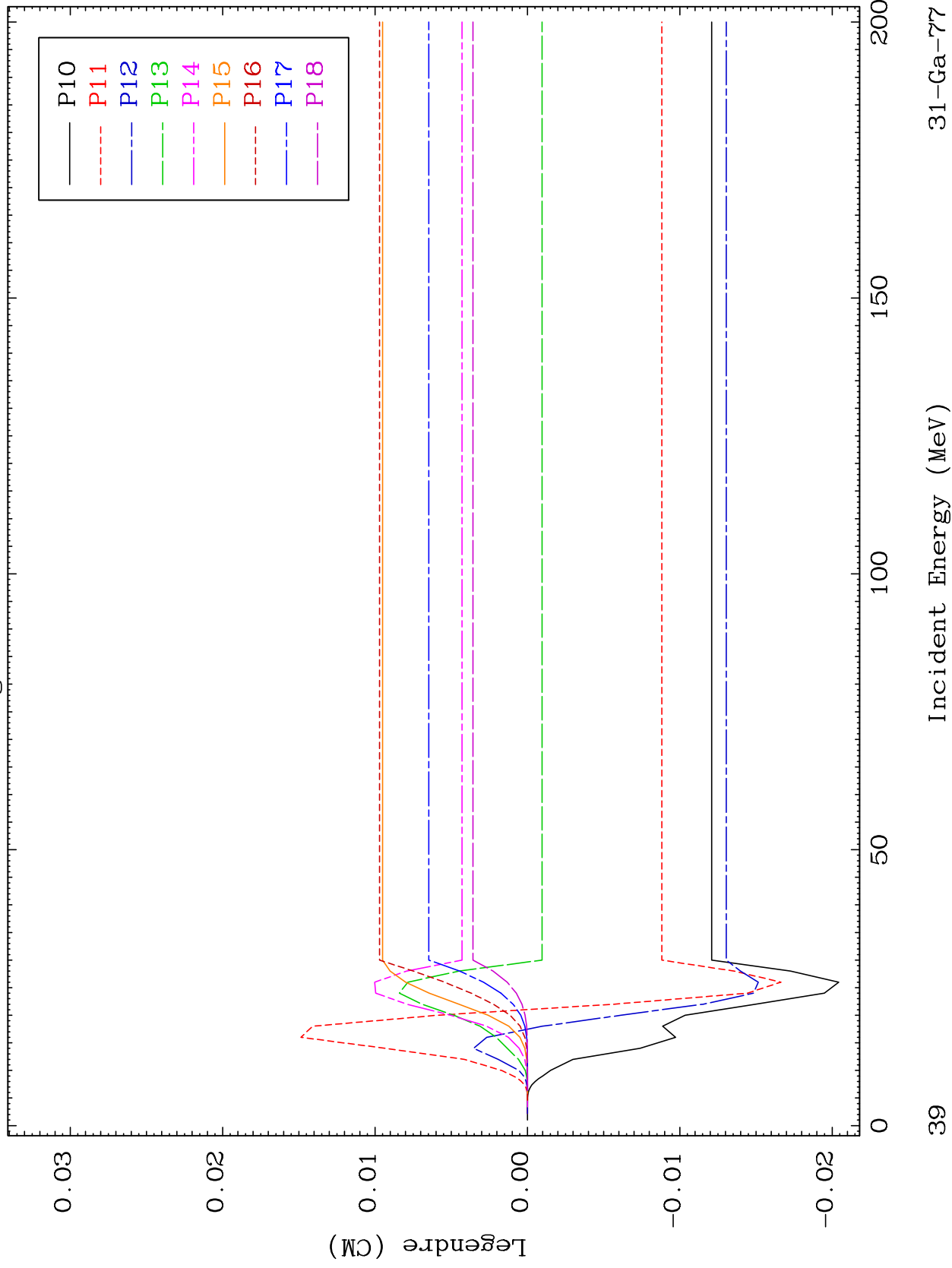
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



39

Incident Energy (MeV)

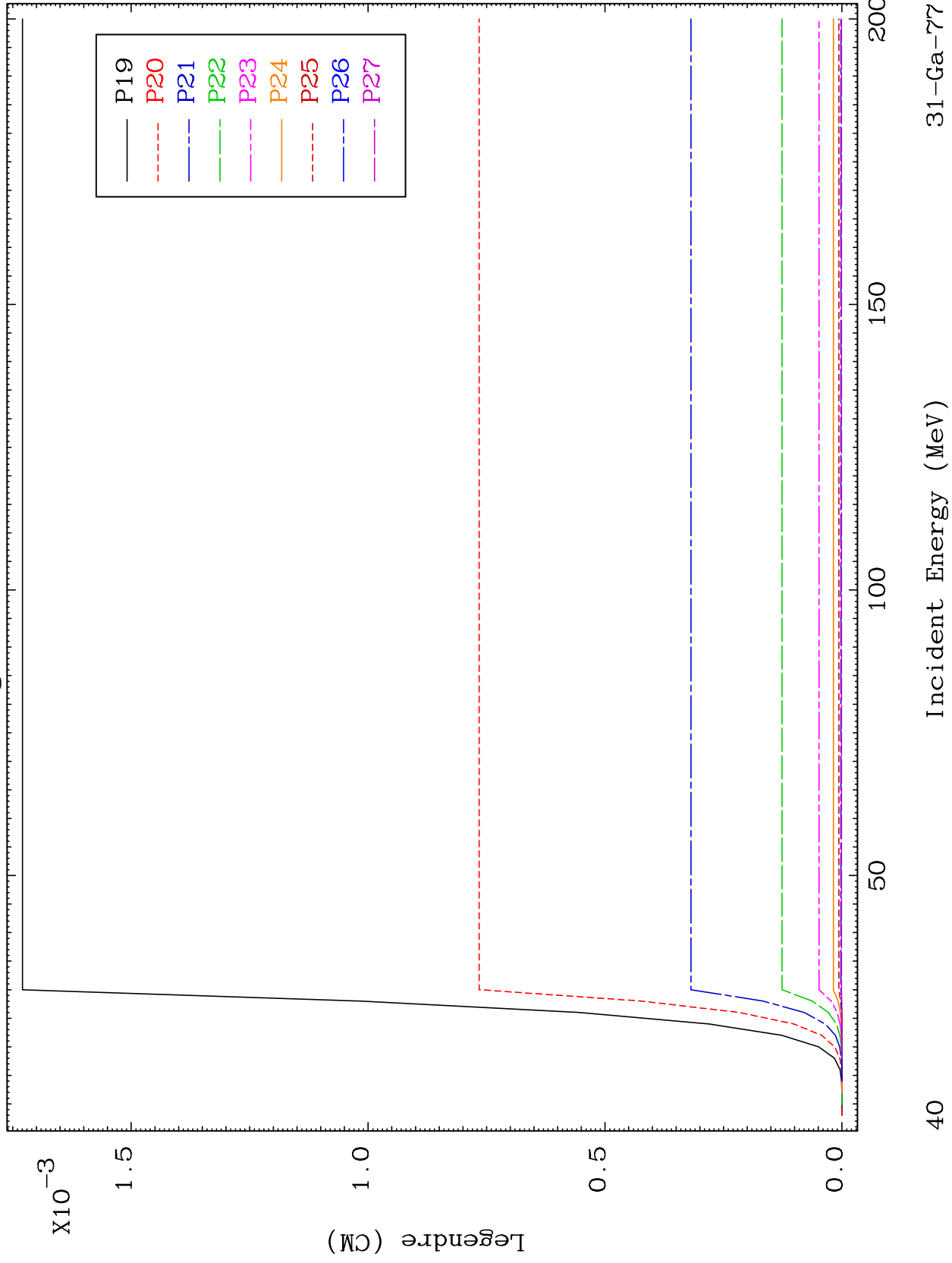
31-Ga-77



MAT 3149

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

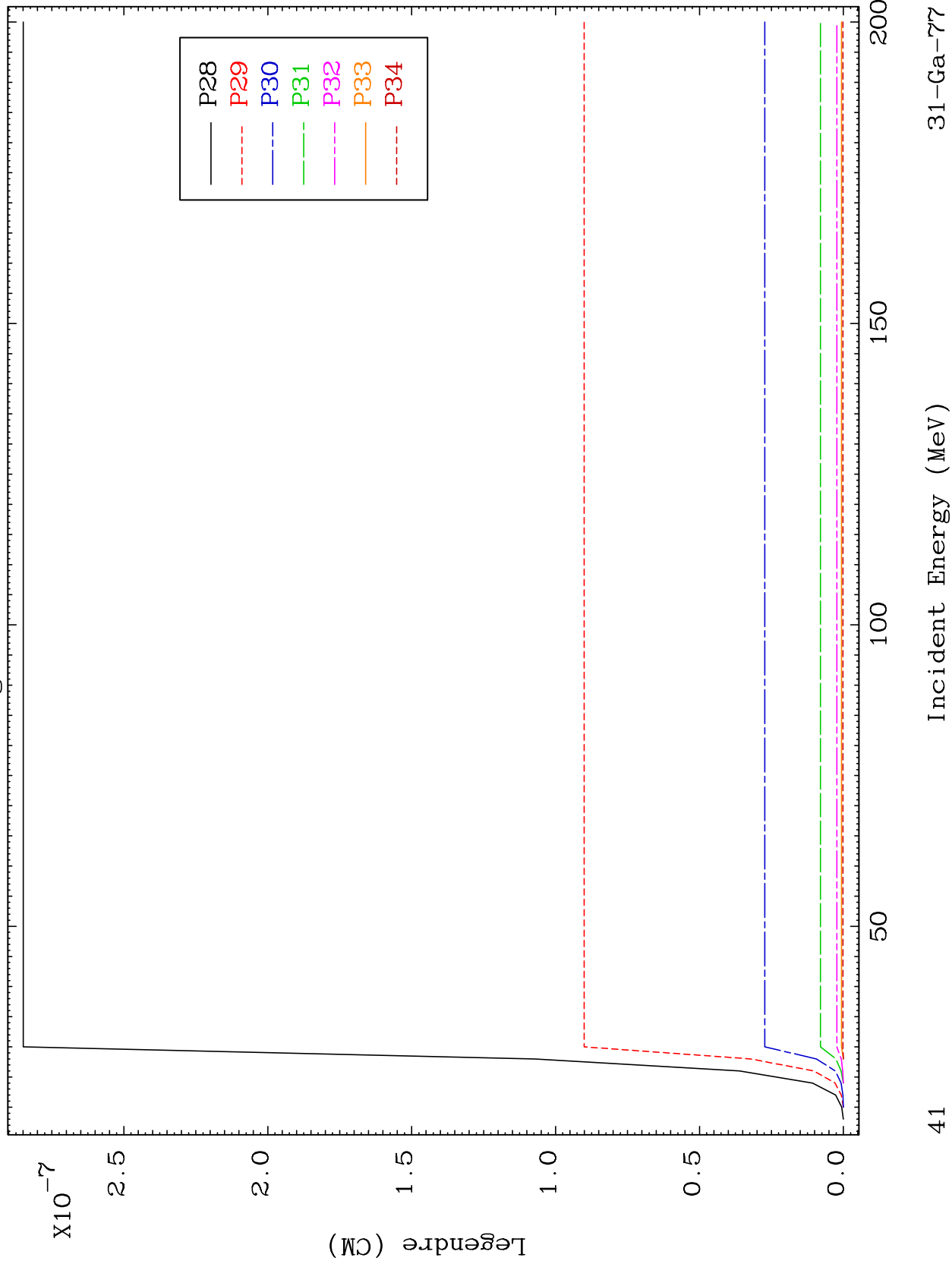
31-Ga-77



MAT 3149

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

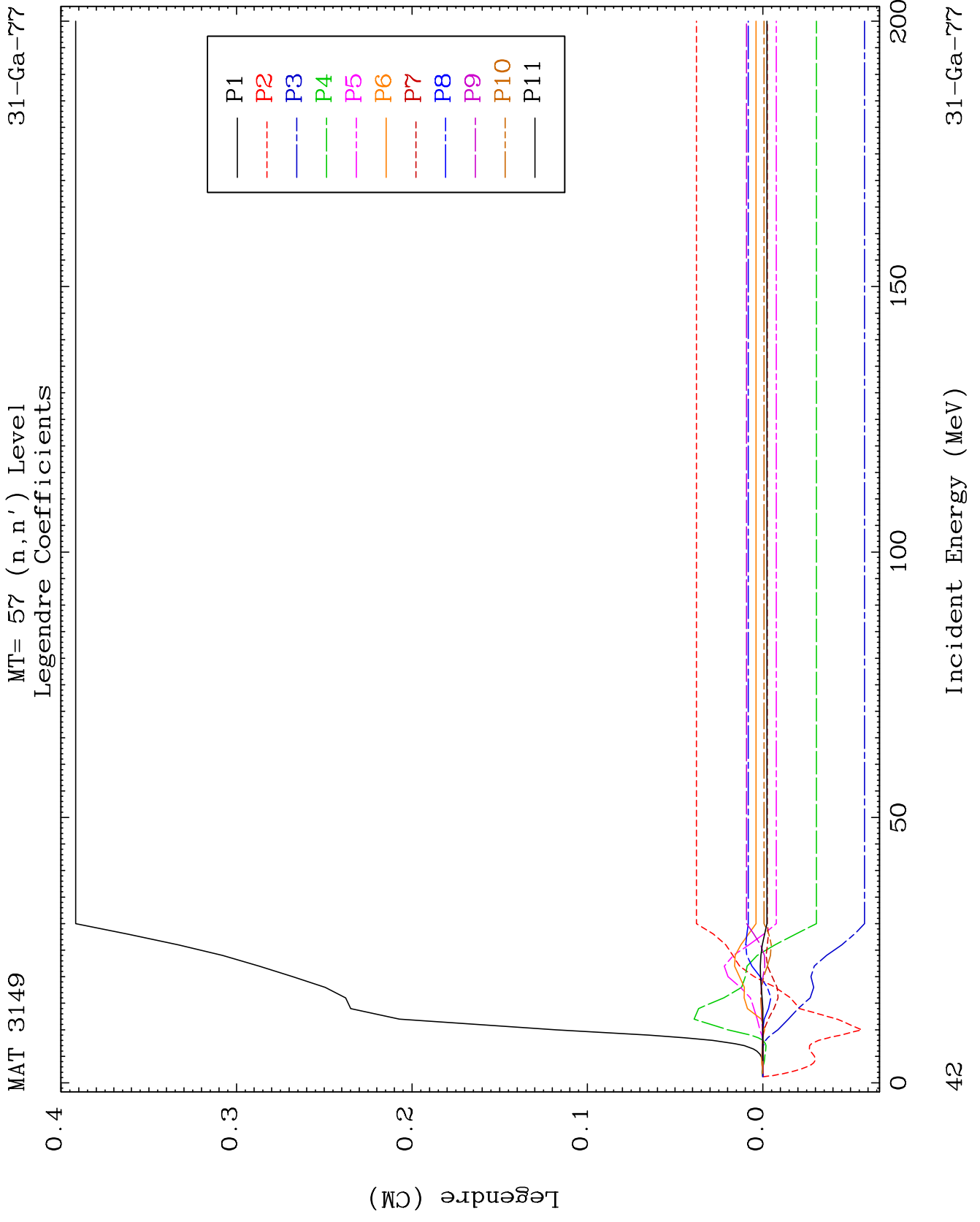
31-Ga-77



41

Incident Energy (MeV)

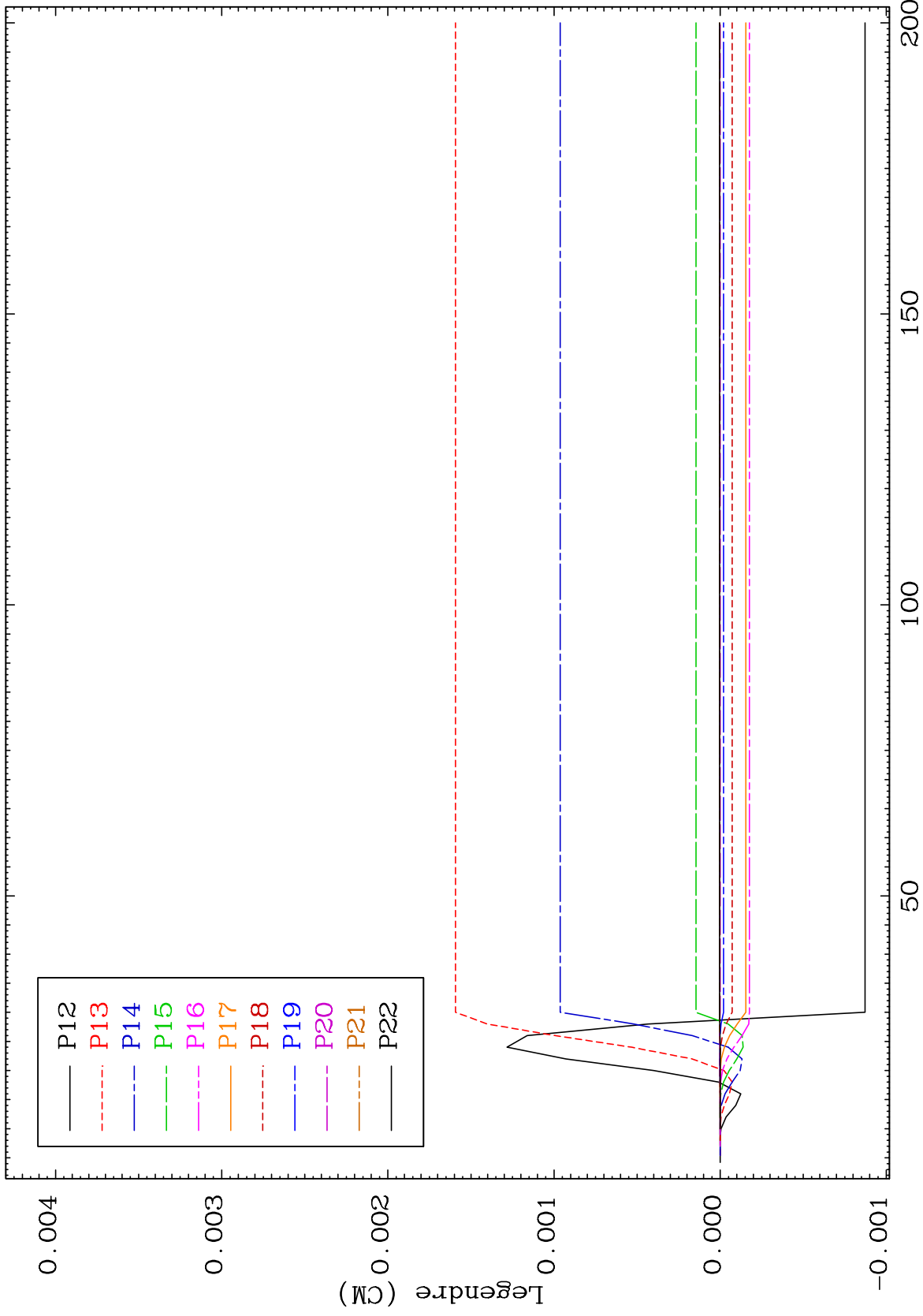
31-Ga-77



MAT 3149

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

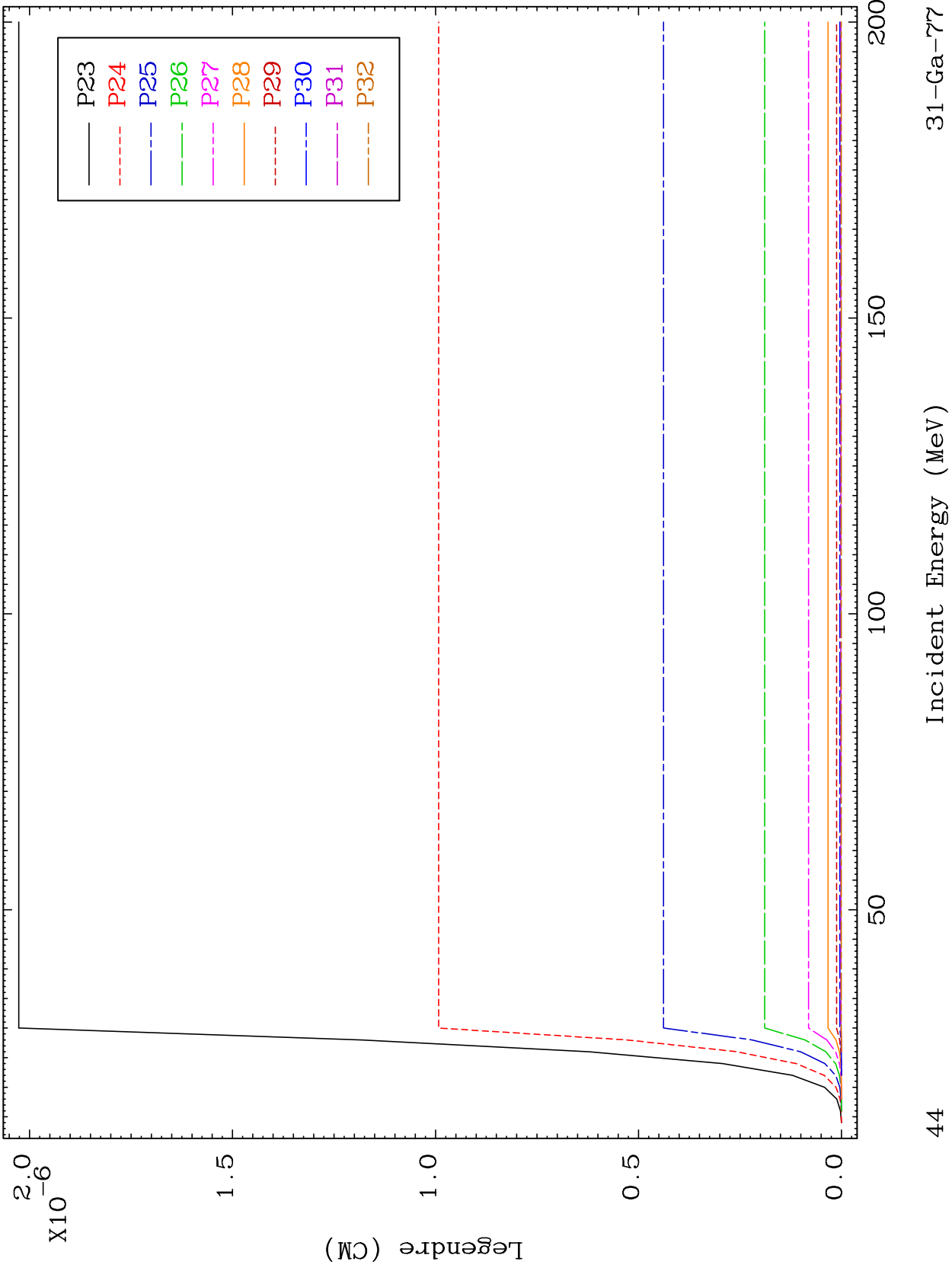
31-Ga-77



MAT 3149

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

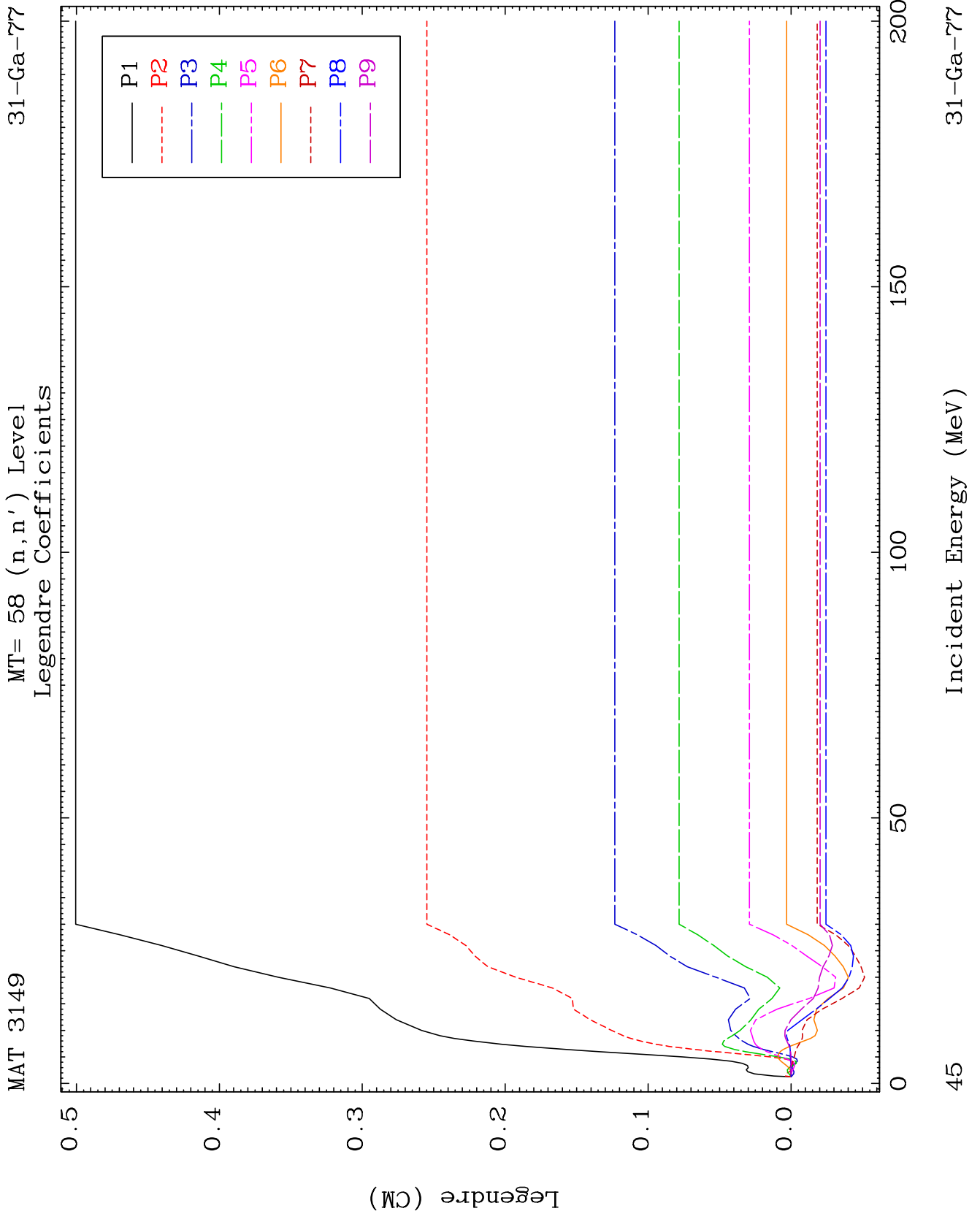
31-Ga-77



44

Incident Energy (MeV)

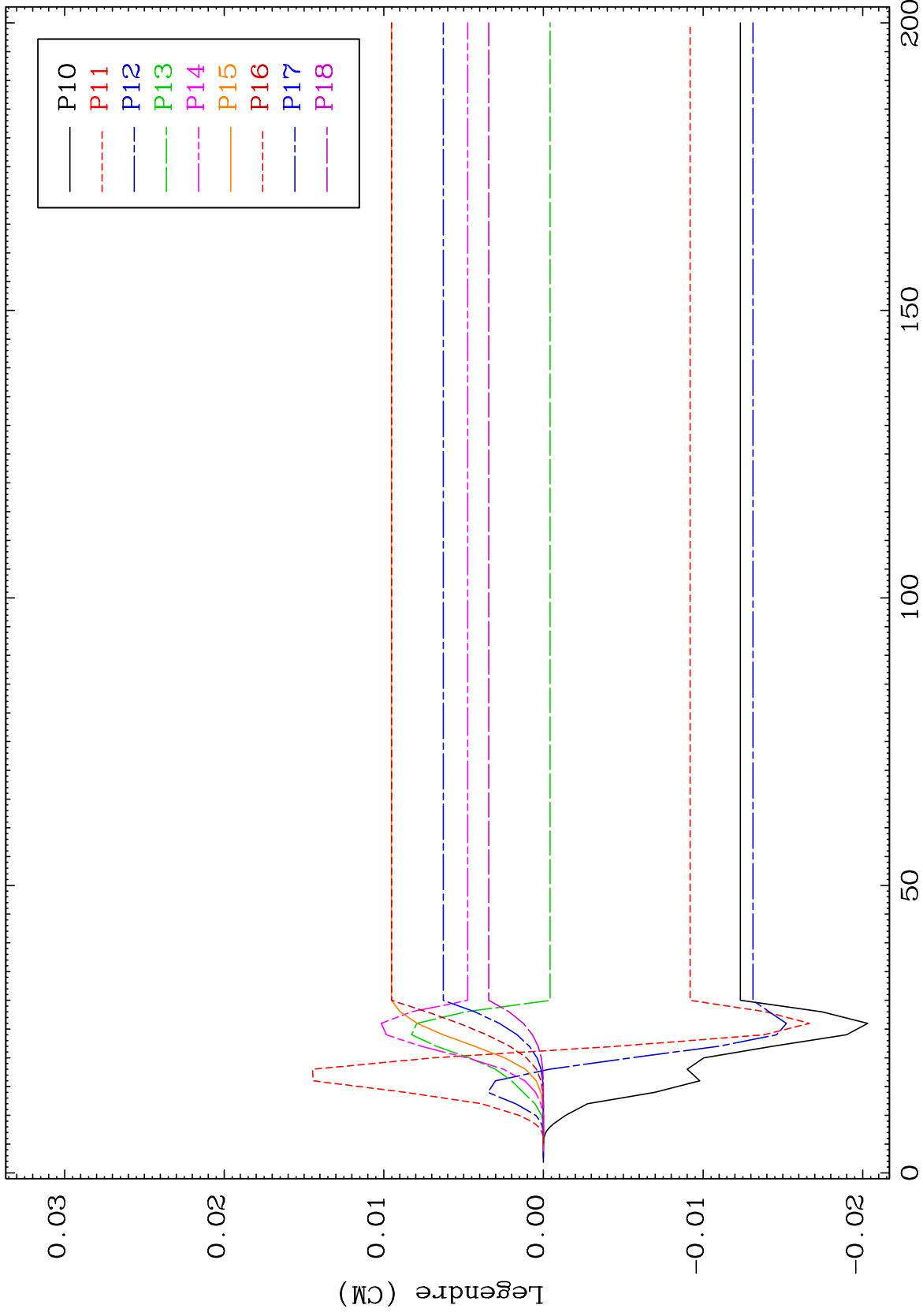
31-Ga-77



MAT 3149

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

31-Ga-77



46

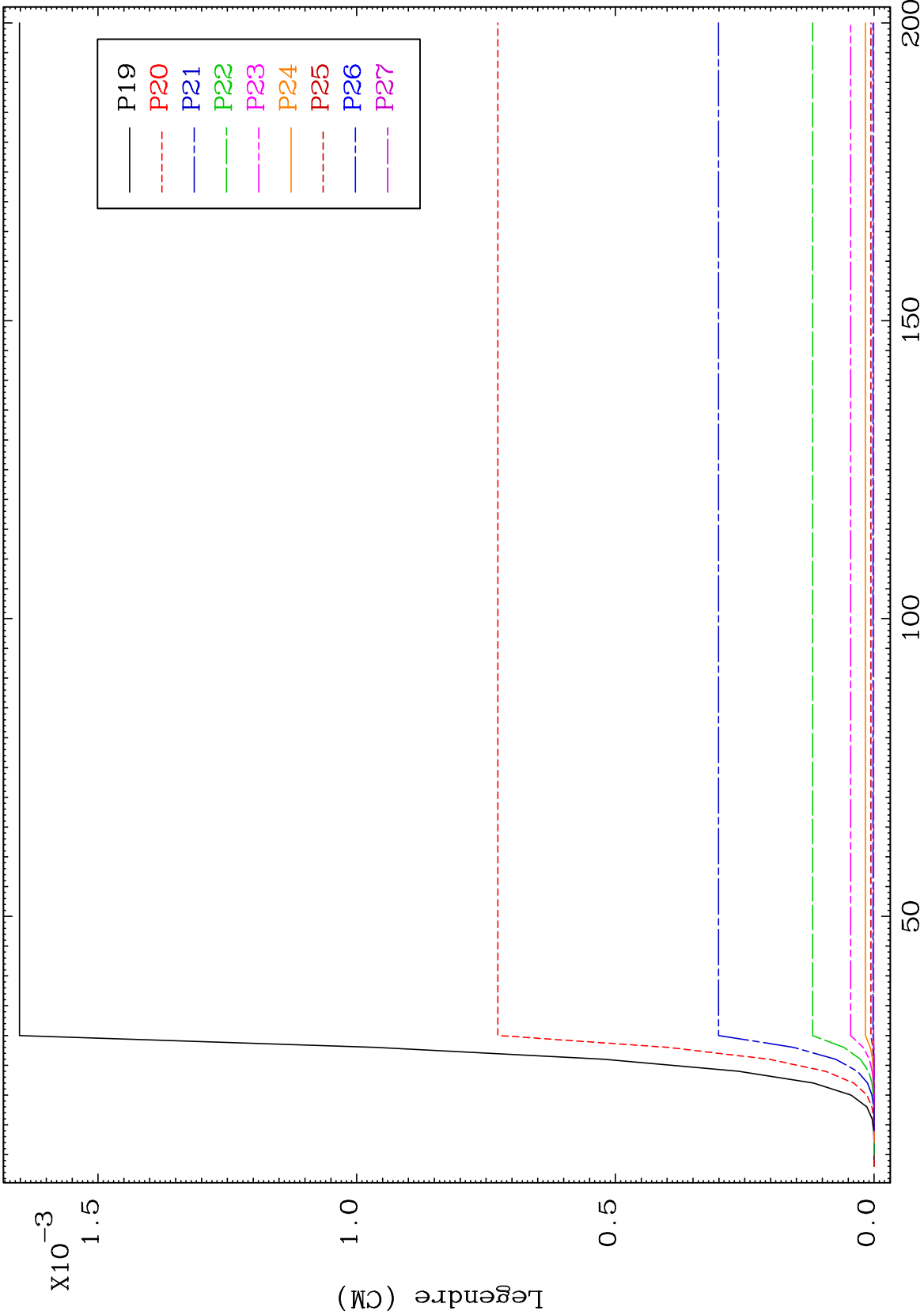
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



47

Incident Energy (MeV)

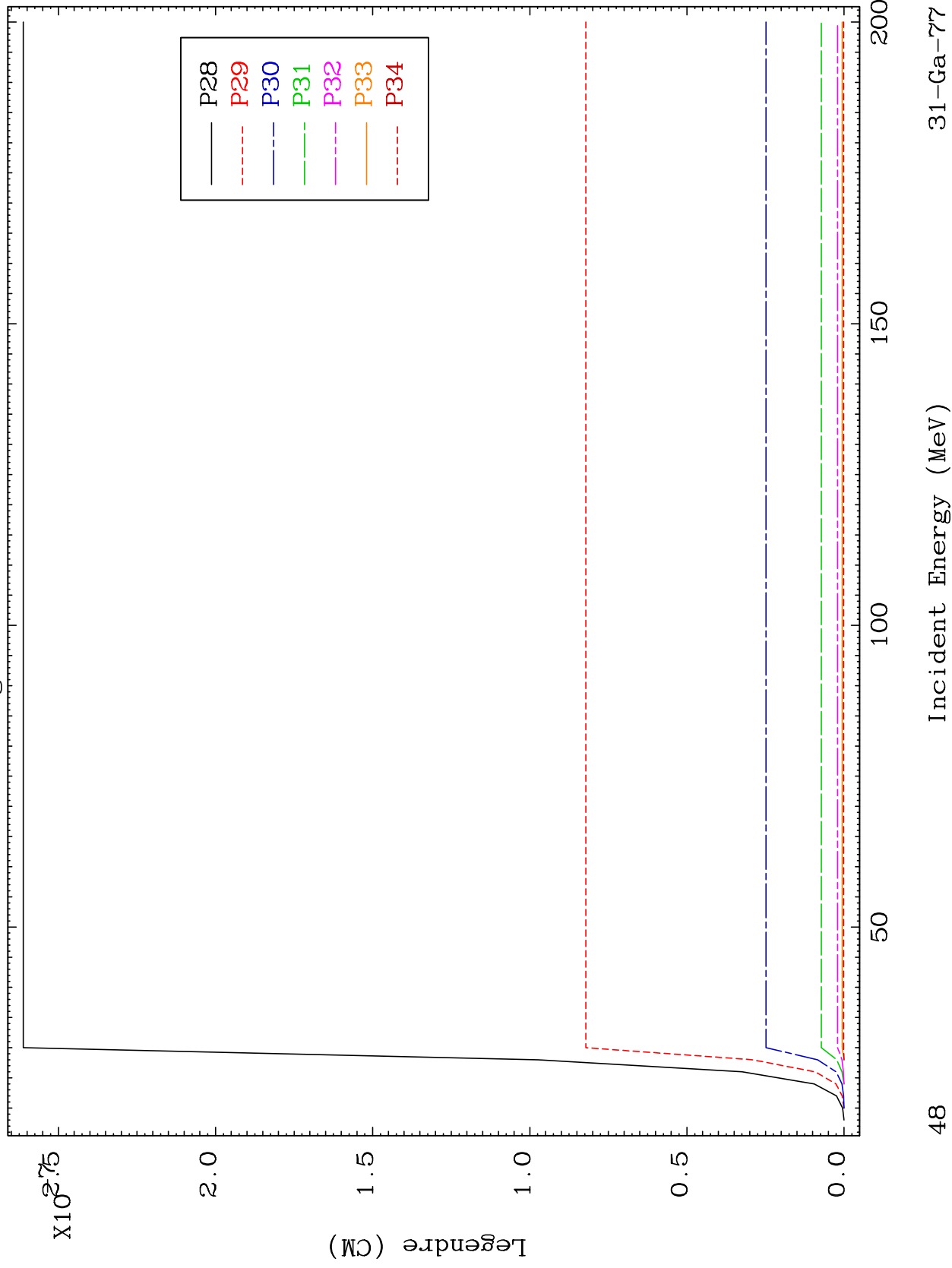
31-Ga-77



MAT 3149

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

31-Ga-77



48

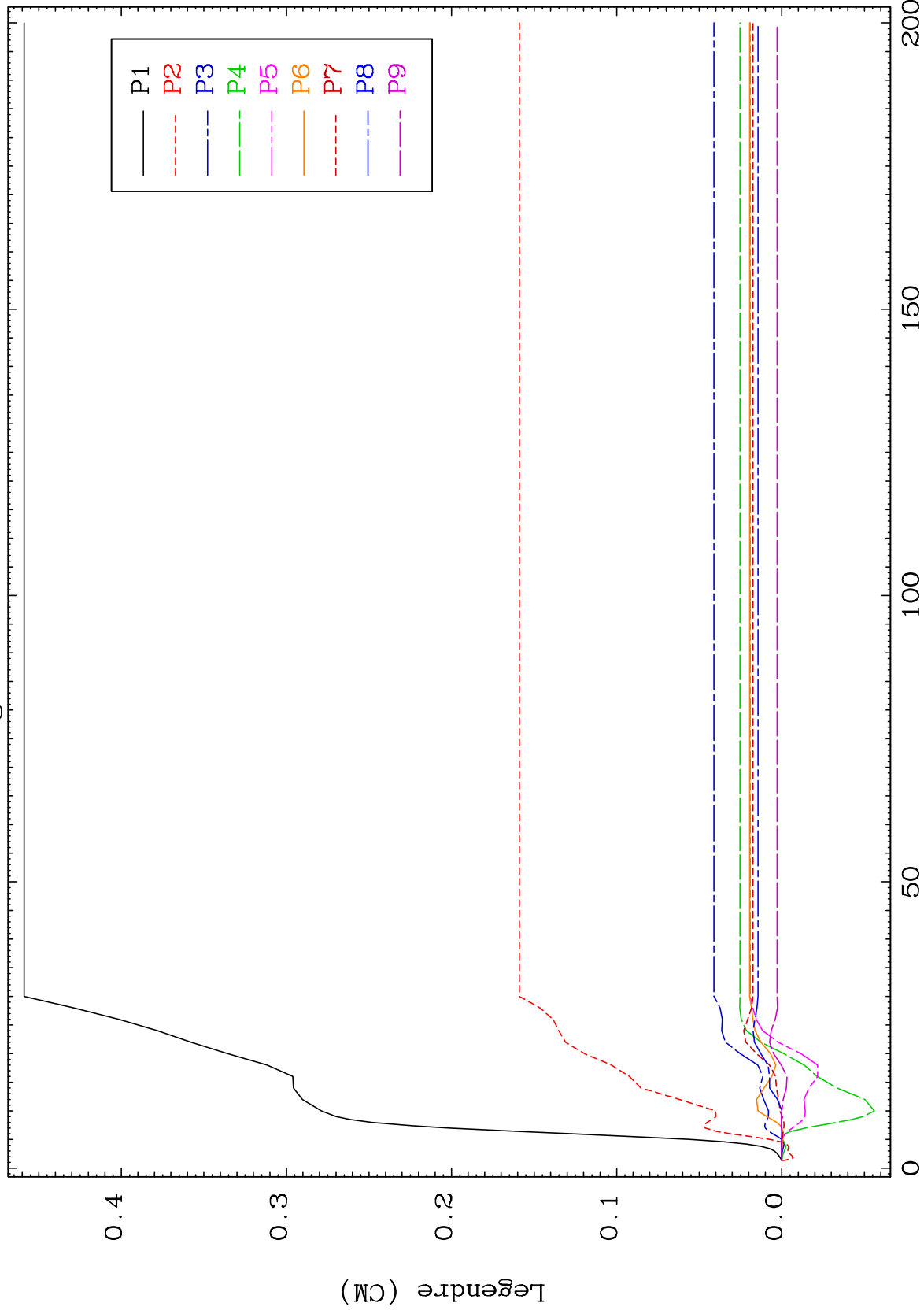
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



49

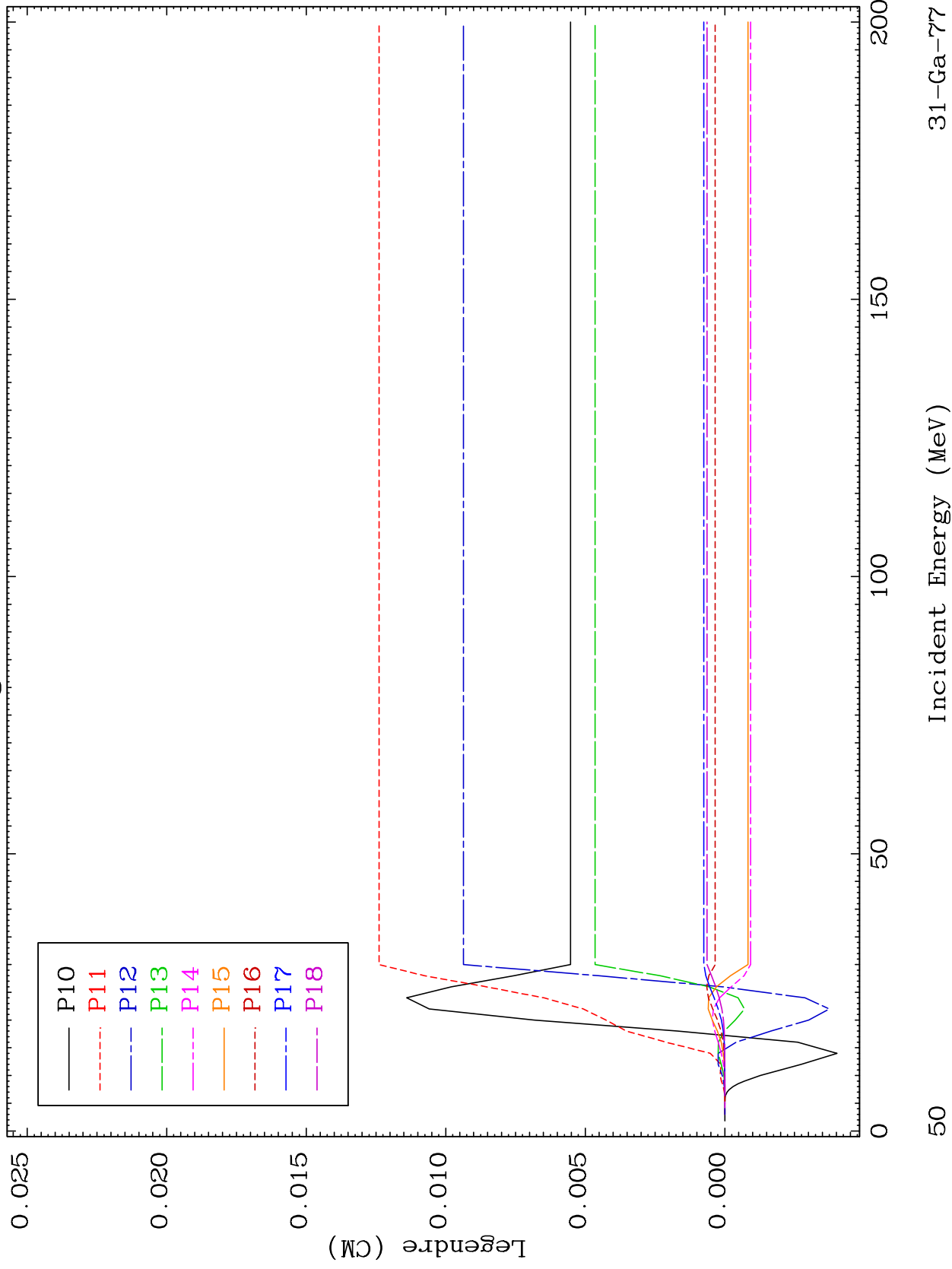
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

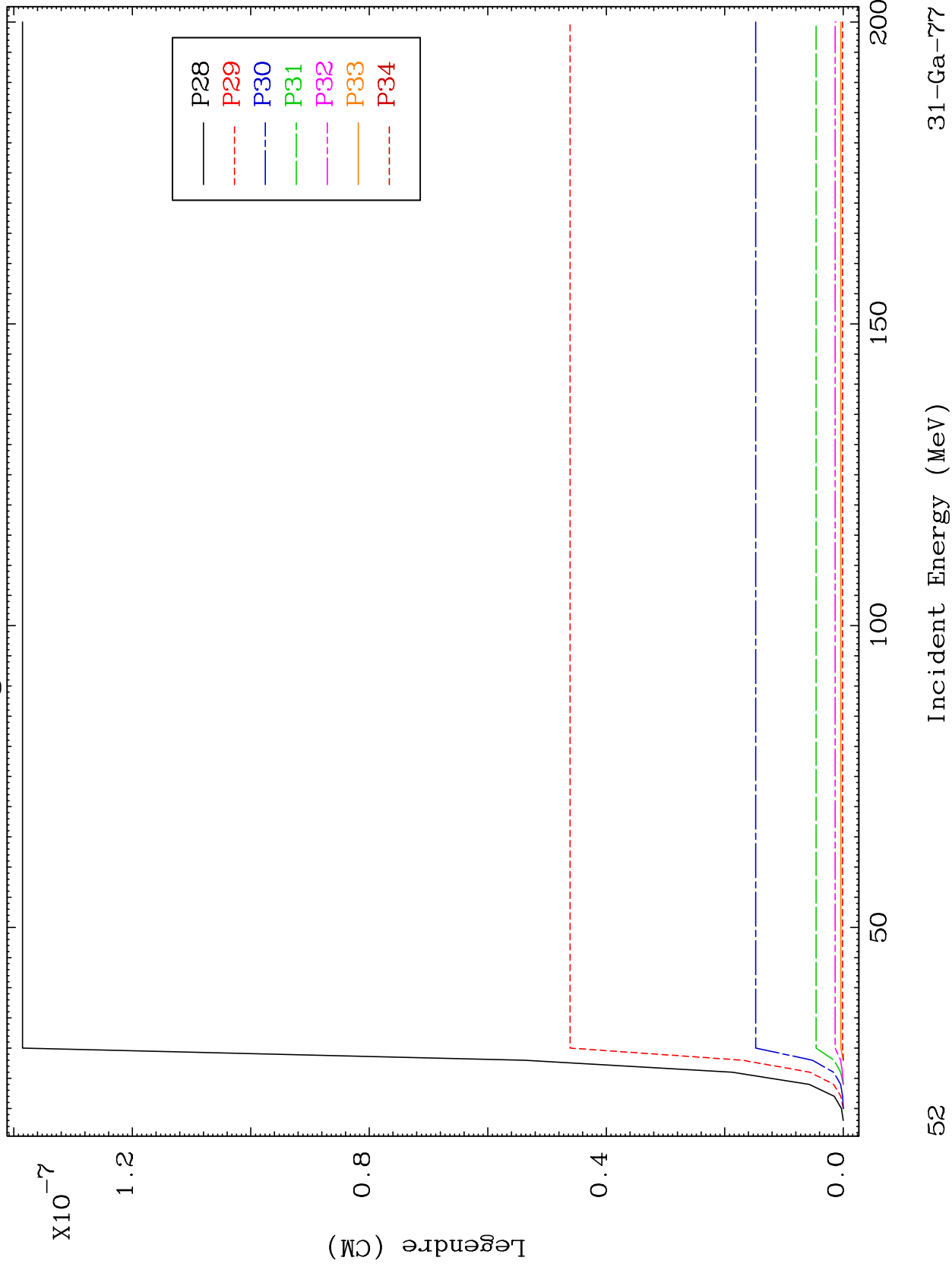
Incident Energy (MeV)



MAT 3149

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

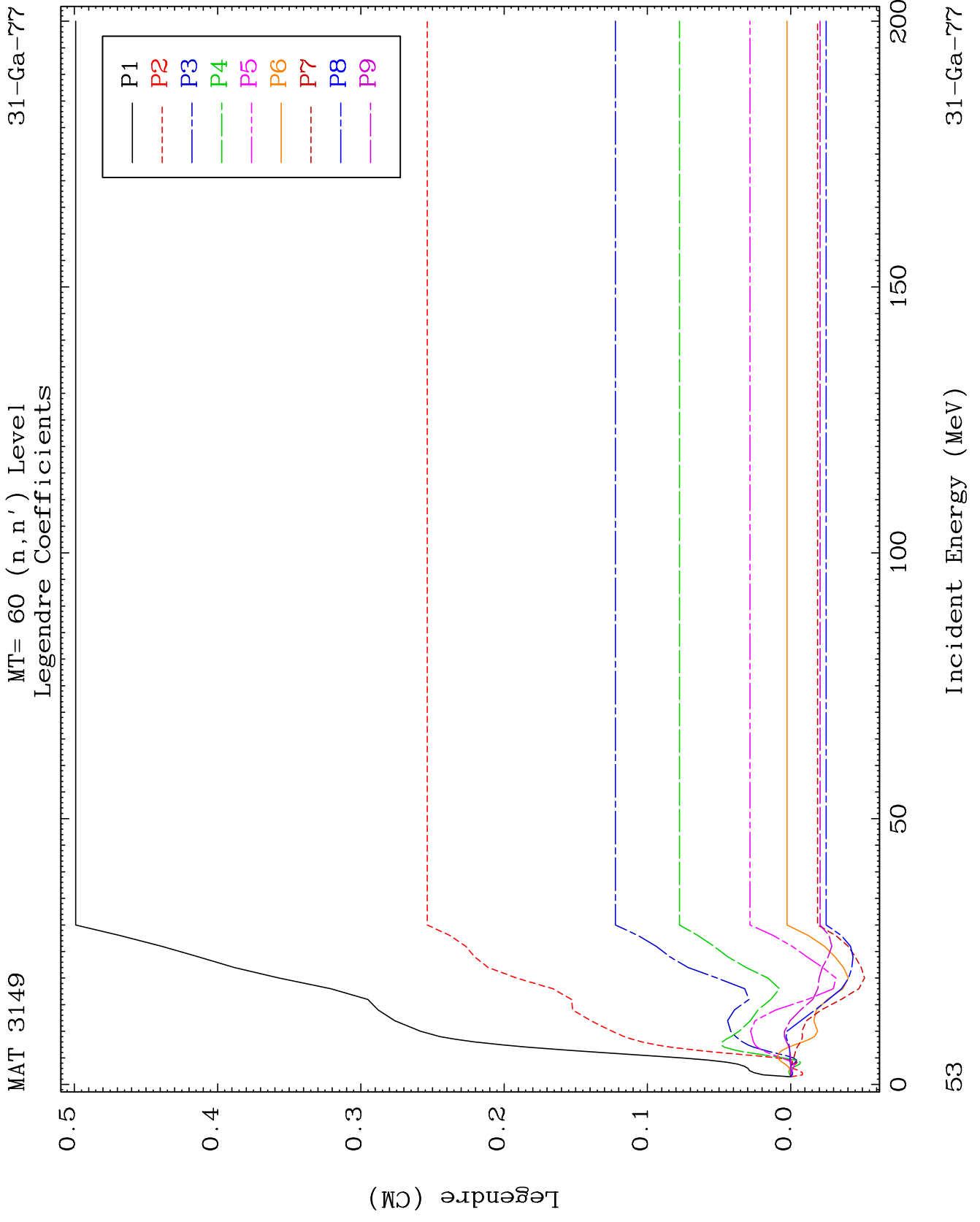
31-Ga-77



52

Incident Energy (MeV)

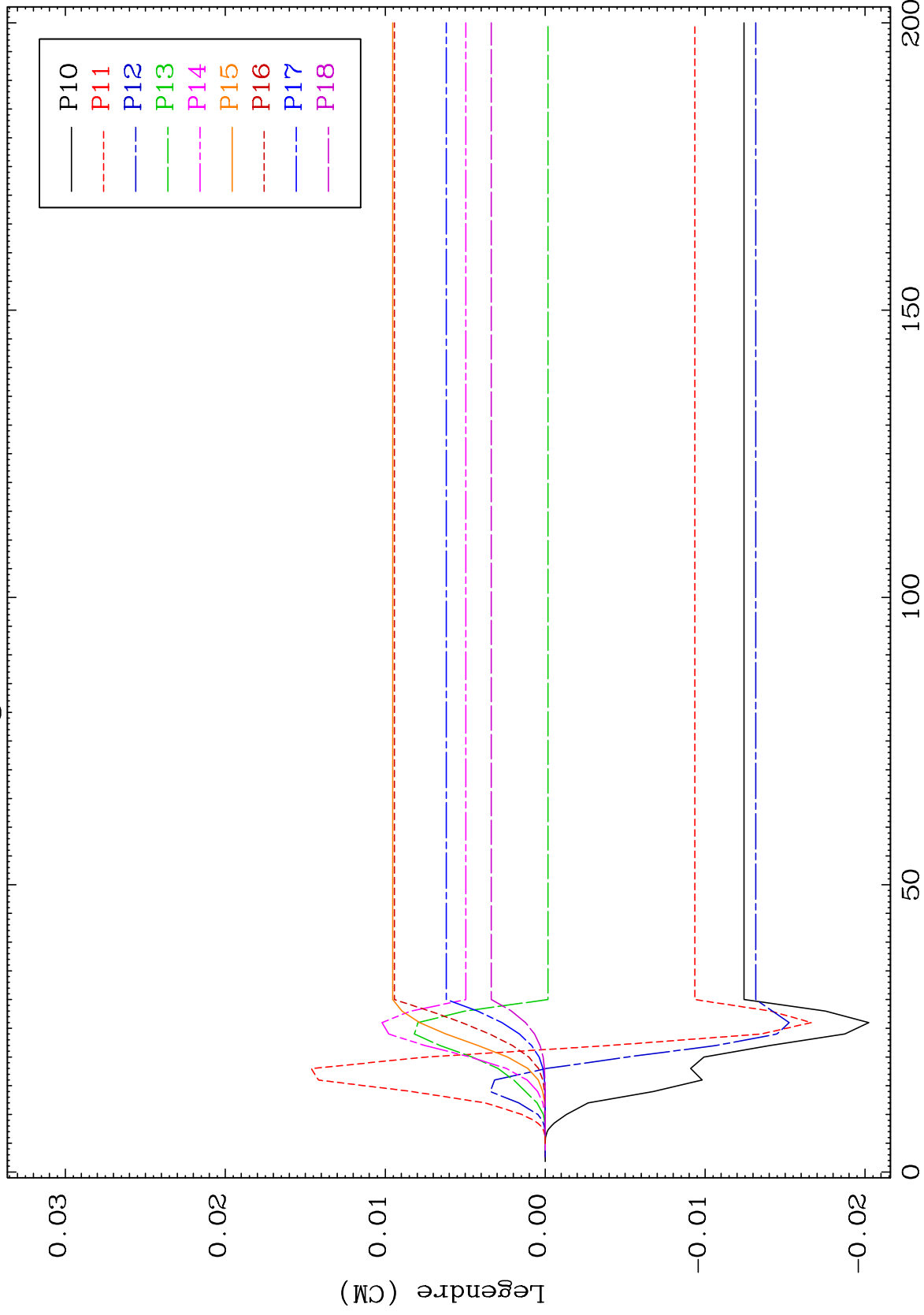
31-Ga-77



MAT 3149

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

<sup>31</sup>Ga-77



54

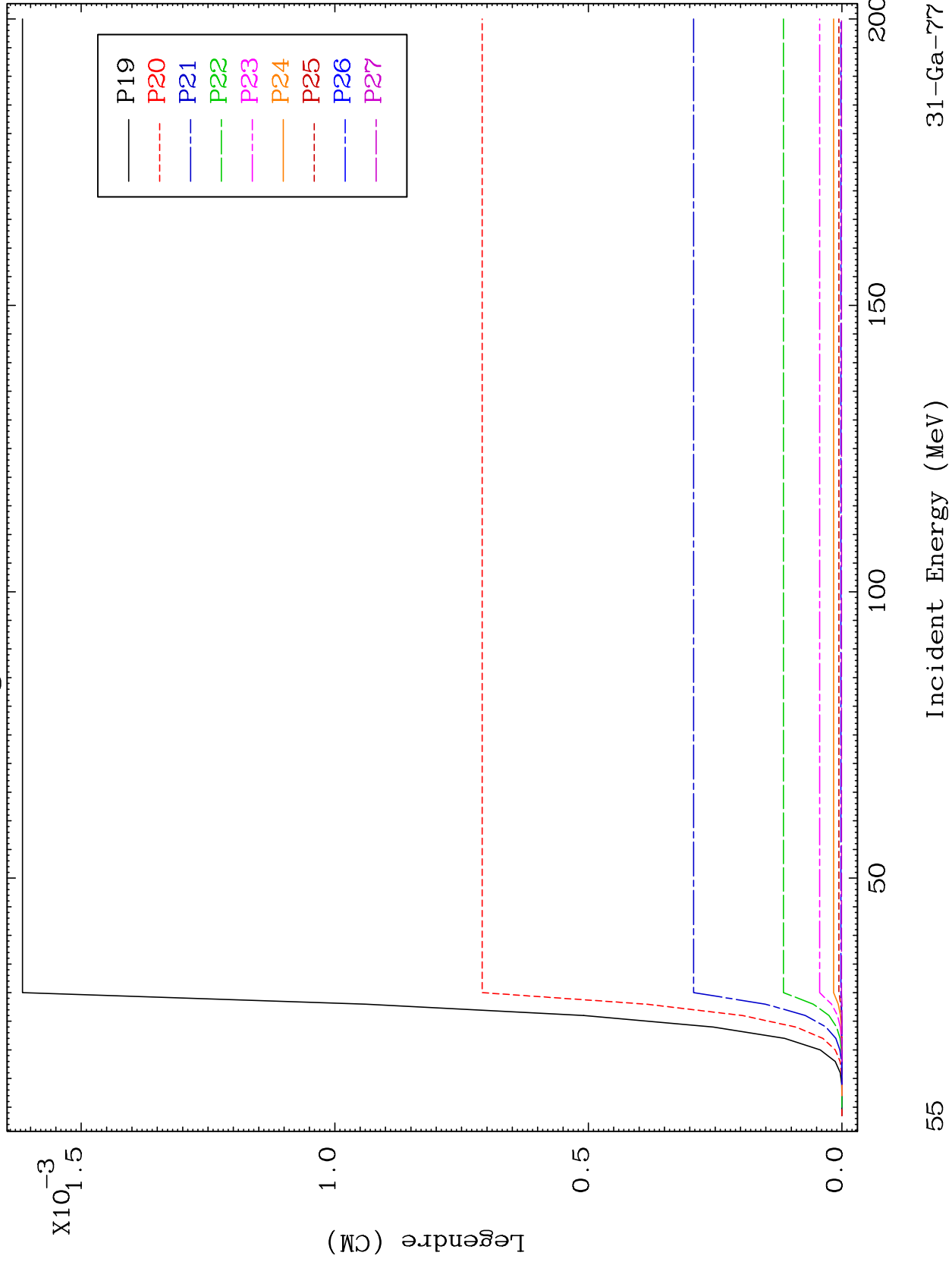
Incident Energy (MeV)

<sup>31</sup>Ga-77

MAT 3149

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

31-Ga-77



55

Incident Energy (MeV)

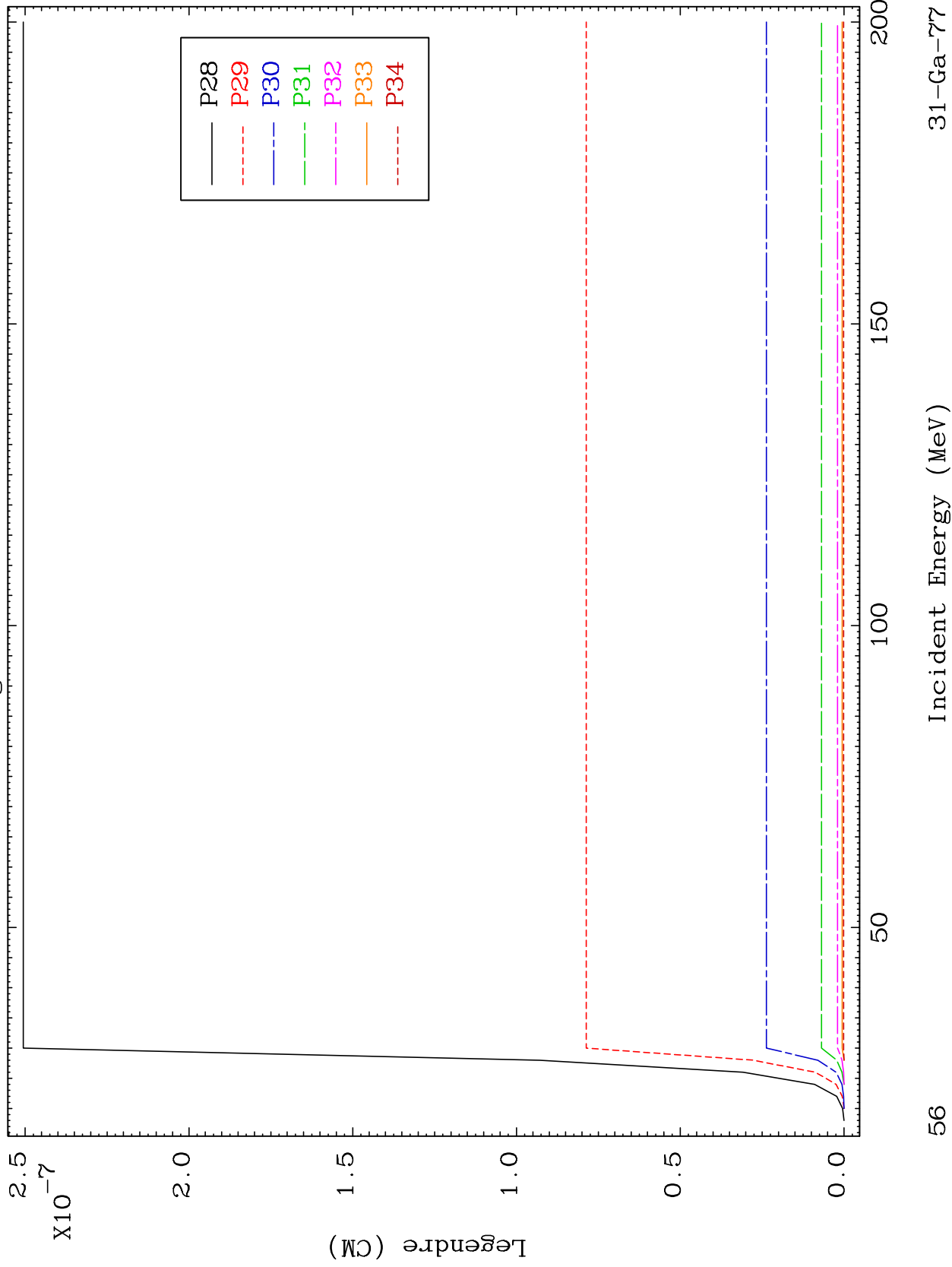
31-Ga-77



MAT 3149

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

31-Ga-77



56

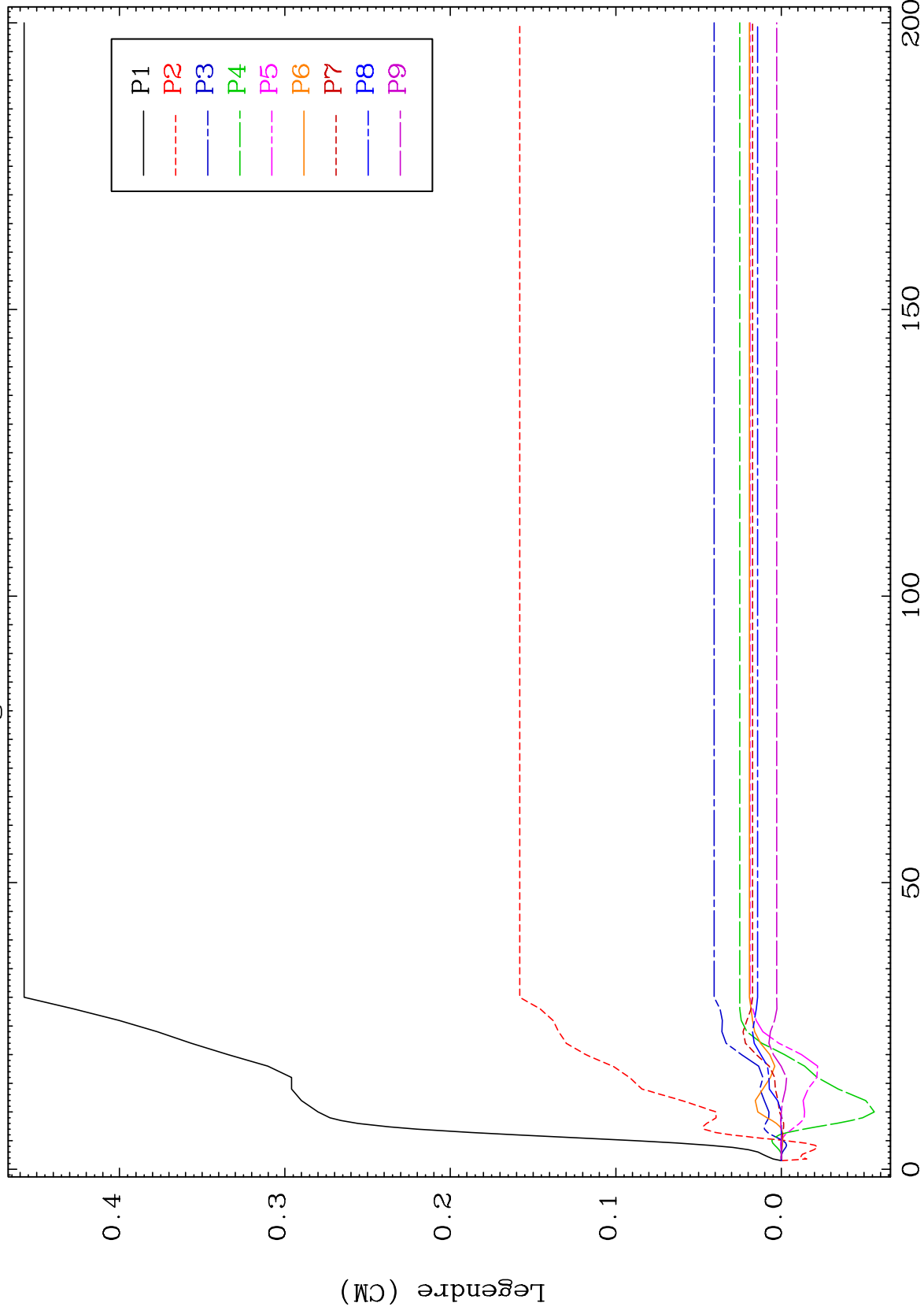
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



57

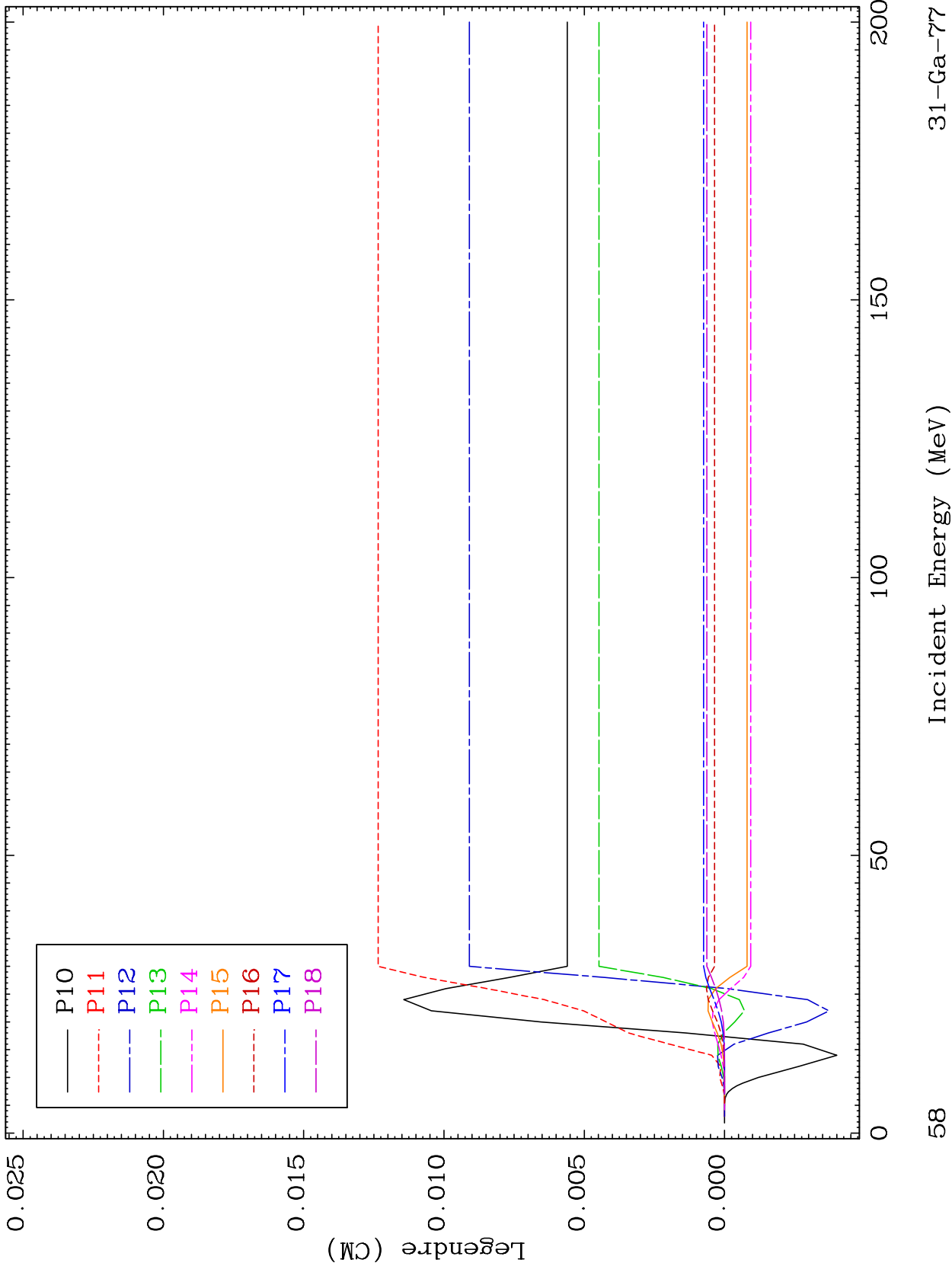
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



58

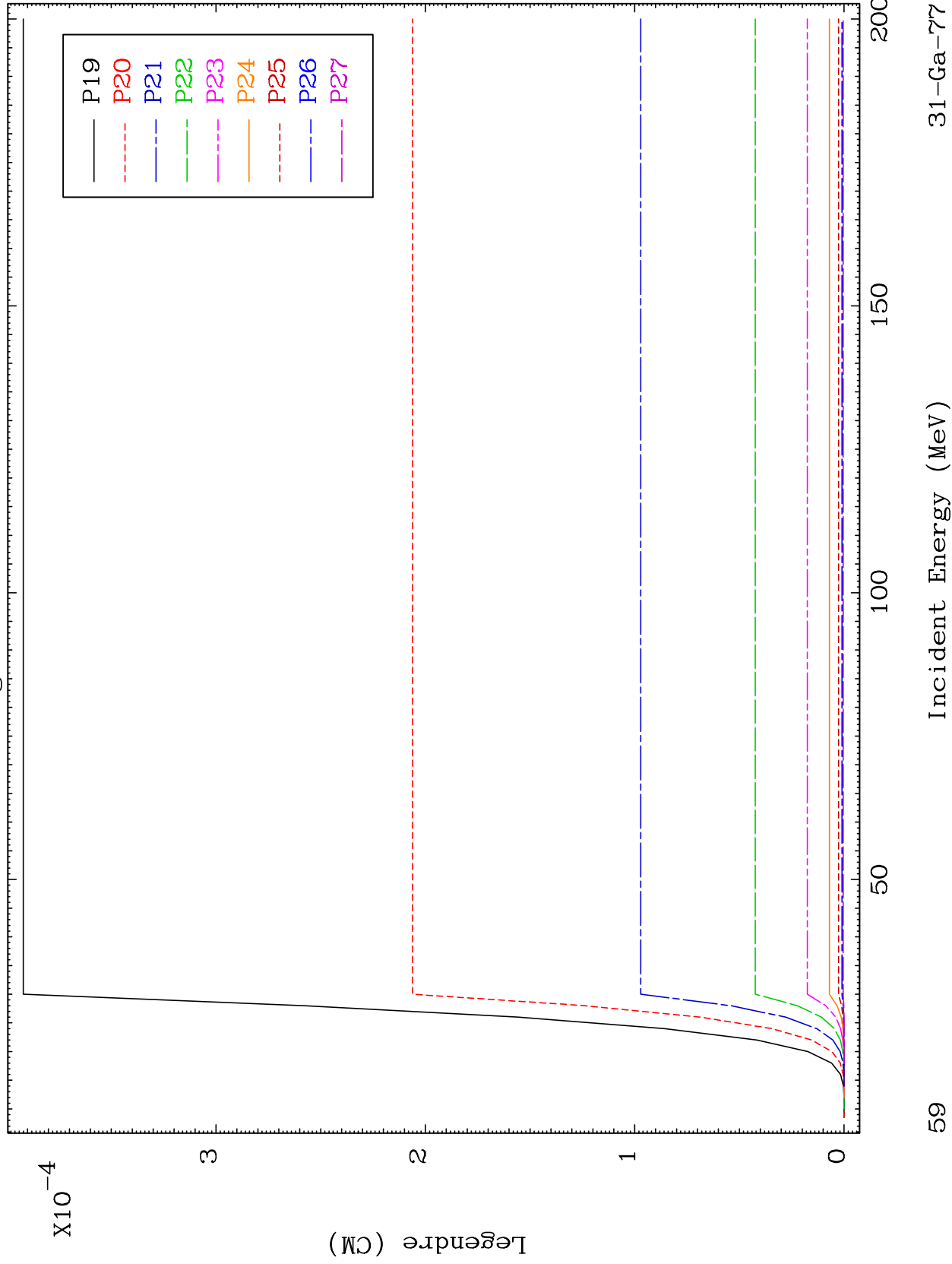
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

<sup>31</sup>Ga-77

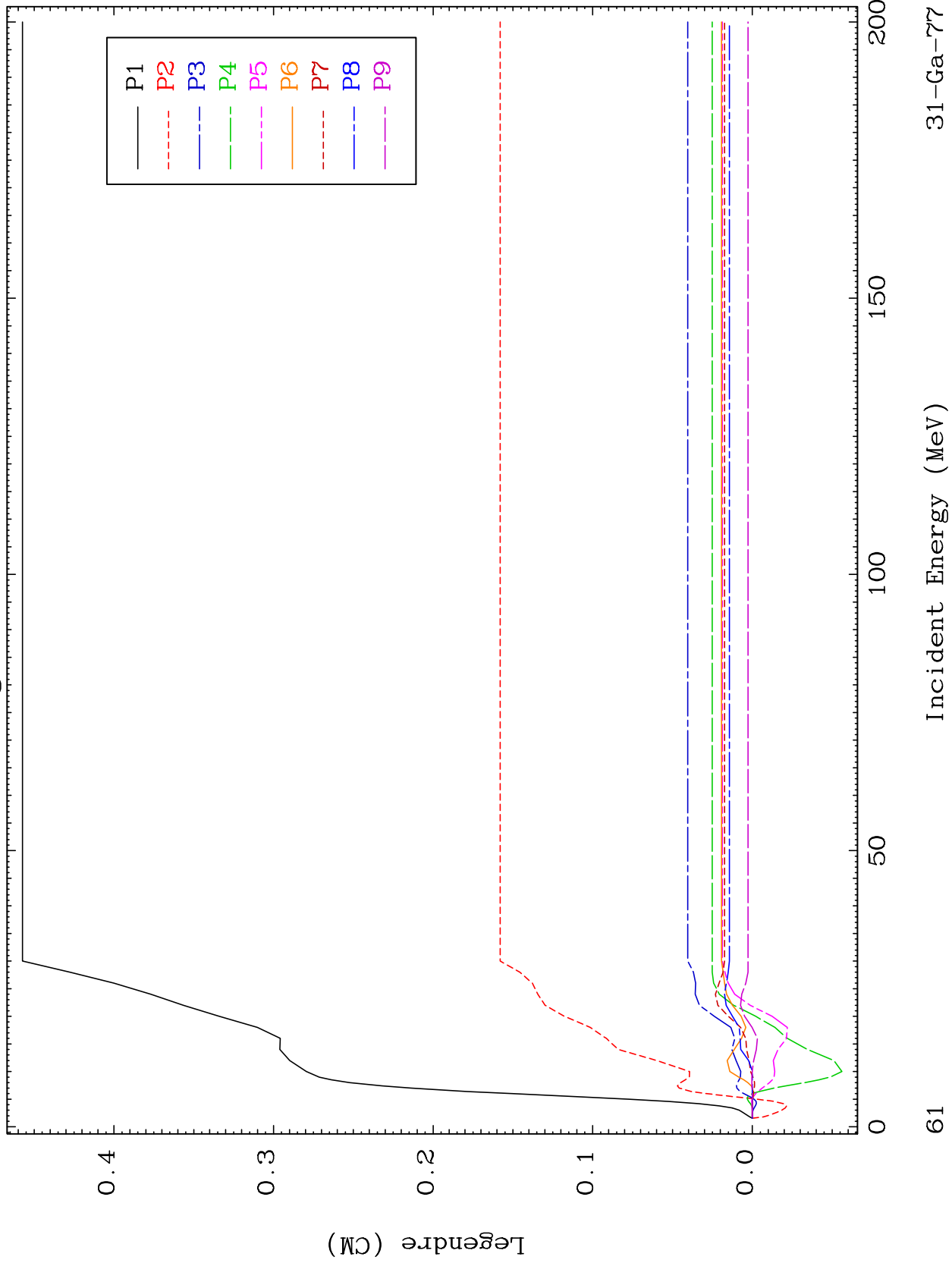




MAT 3149

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

31-Ga-77



31-Ga-77

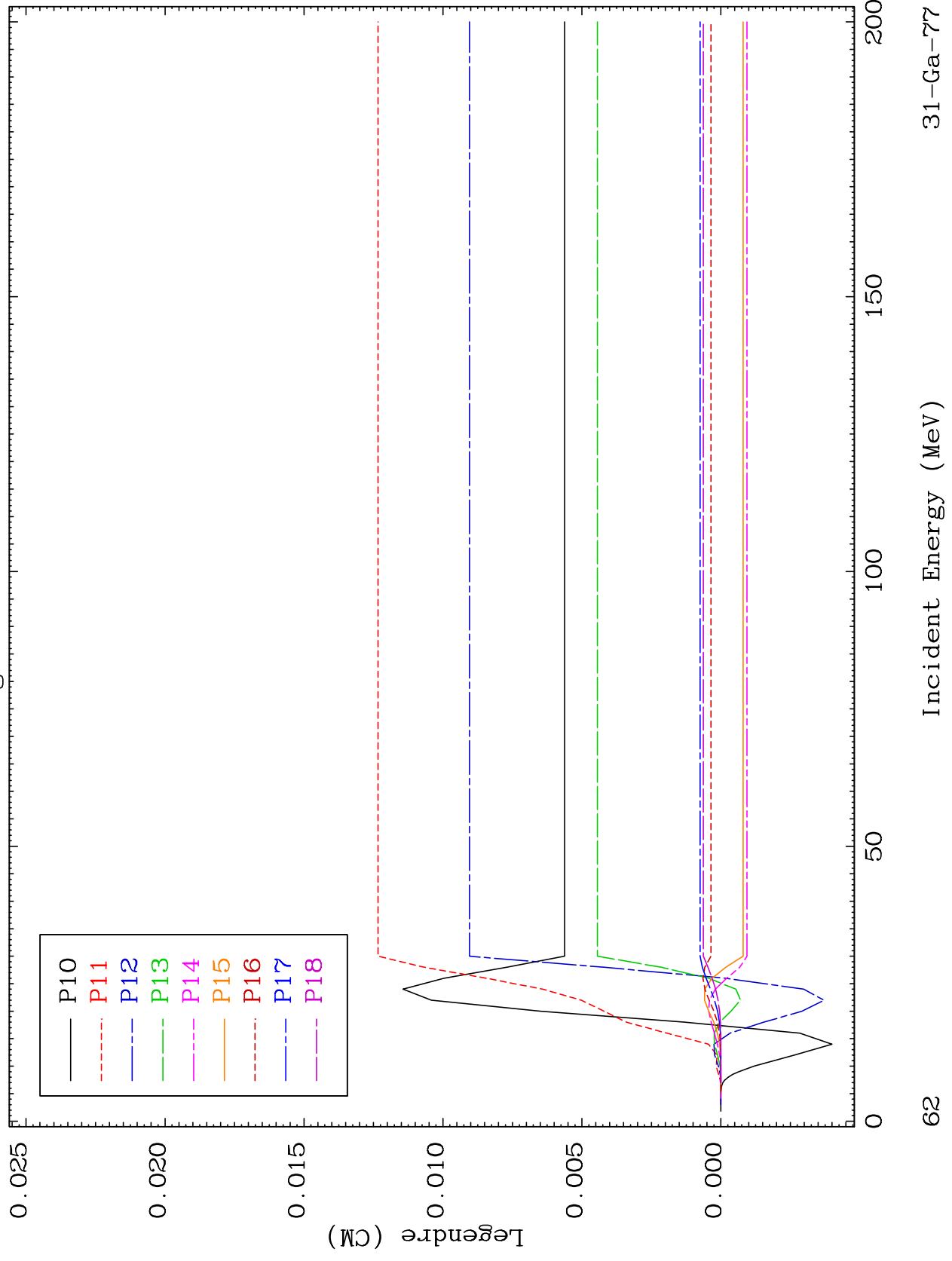
Incident Energy (MeV)

61

MAT 3149

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

31-Ga-77



31-Ga-77

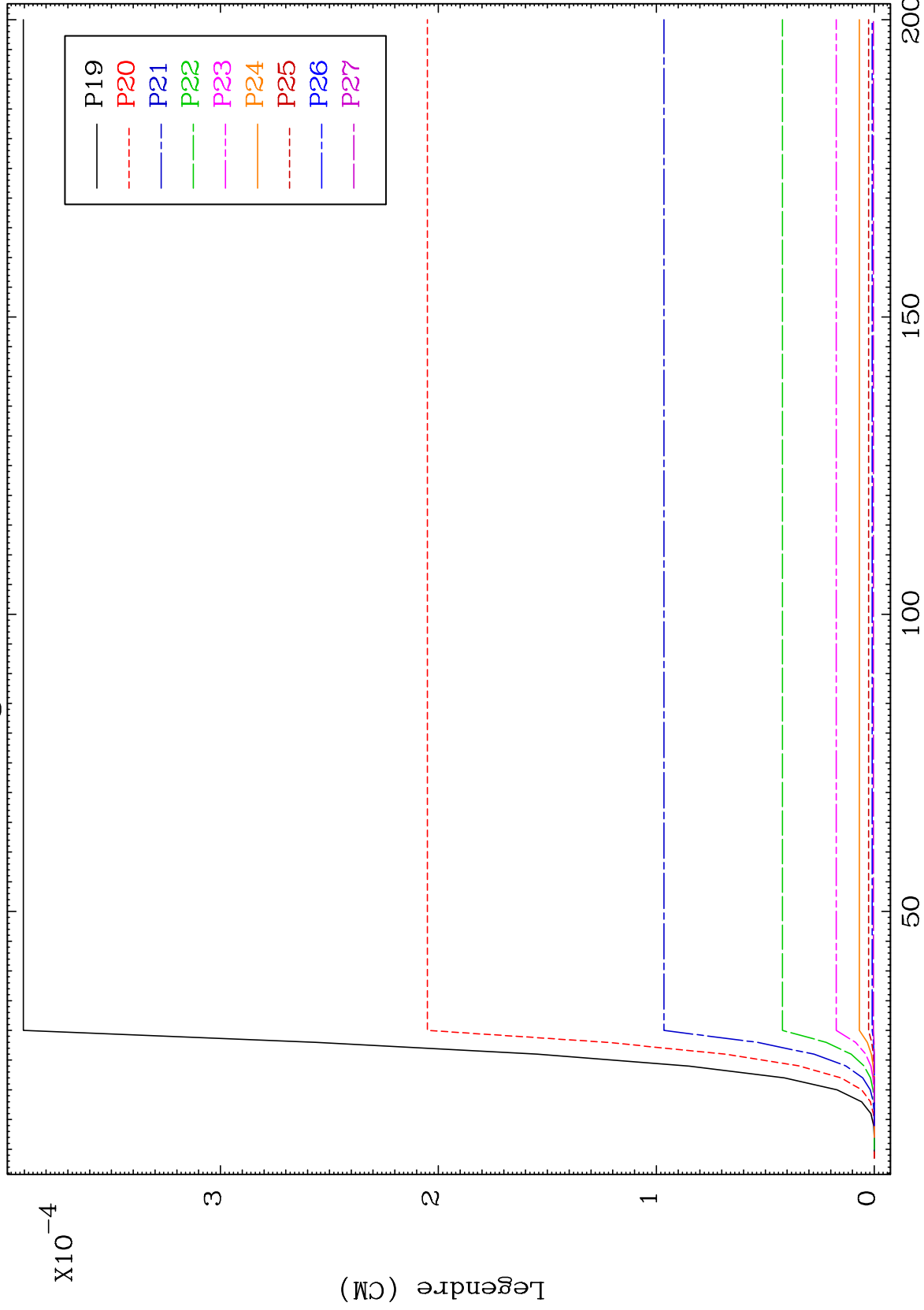
Incident Energy (MeV)

62

MAT 3149

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

<sup>31</sup>Ga-77



63

Incident Energy (MeV)

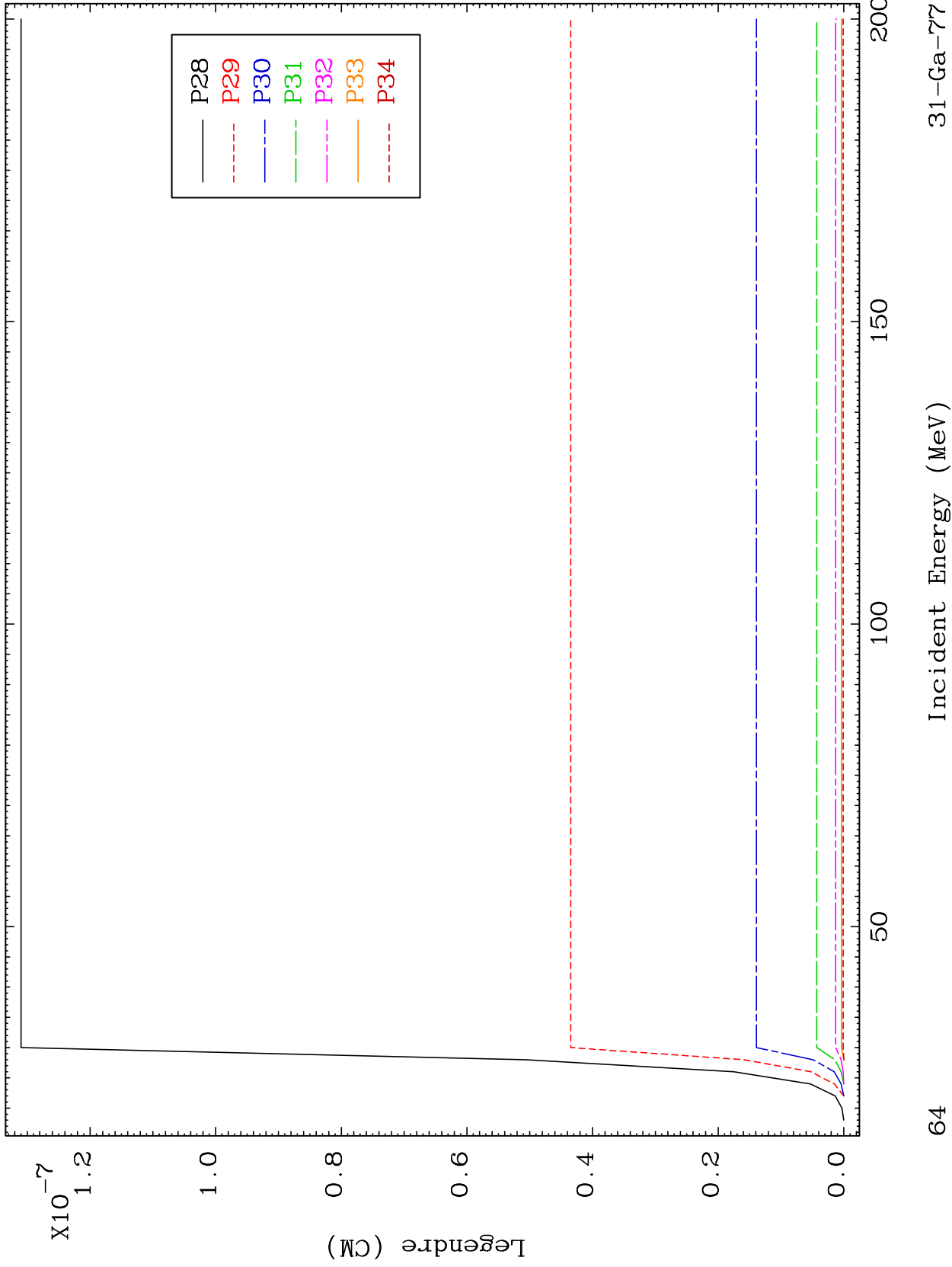
<sup>31</sup>Ga-77



MAT 3149

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

31-Ga-77



64

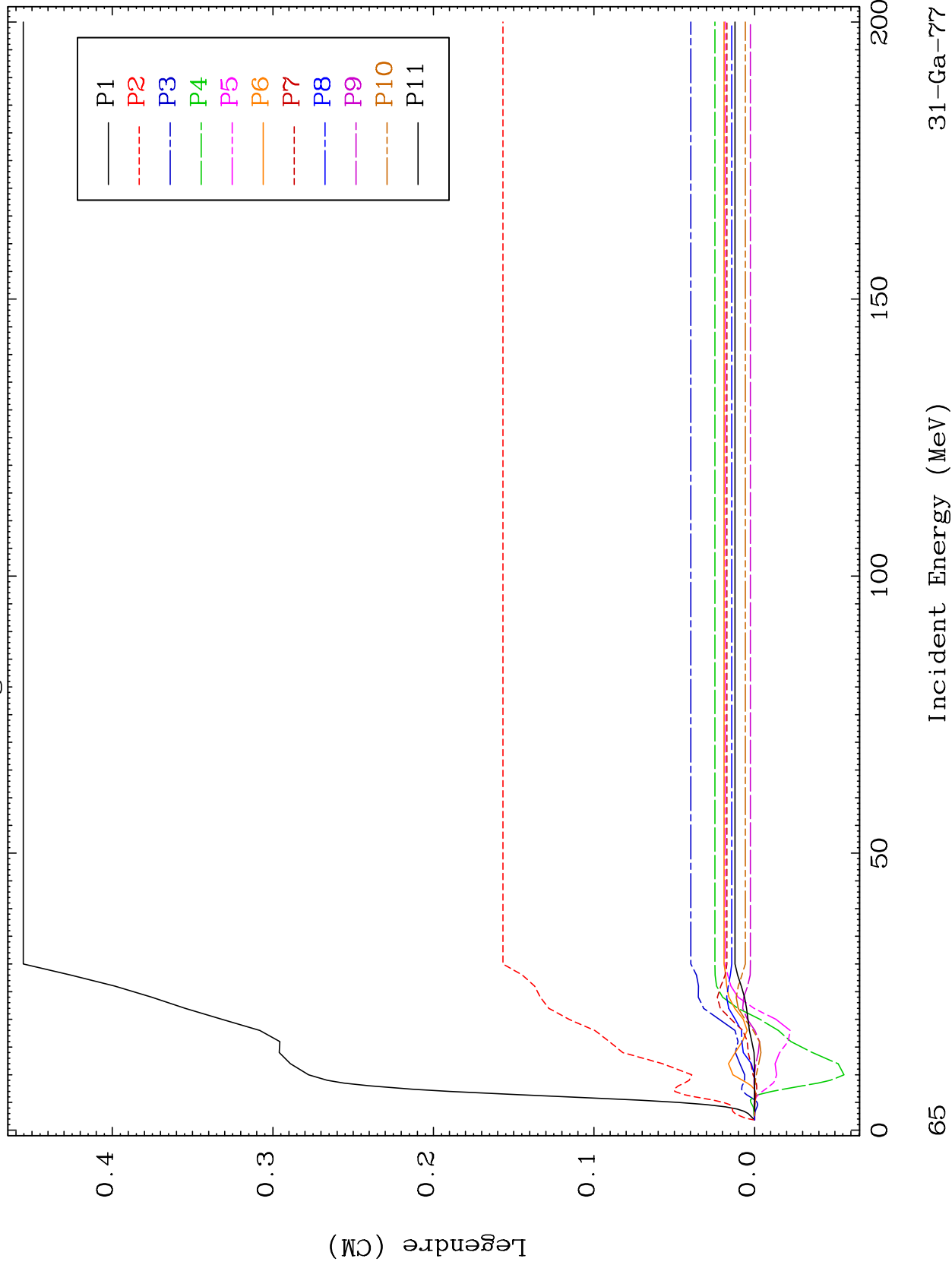
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



31-Ga-77

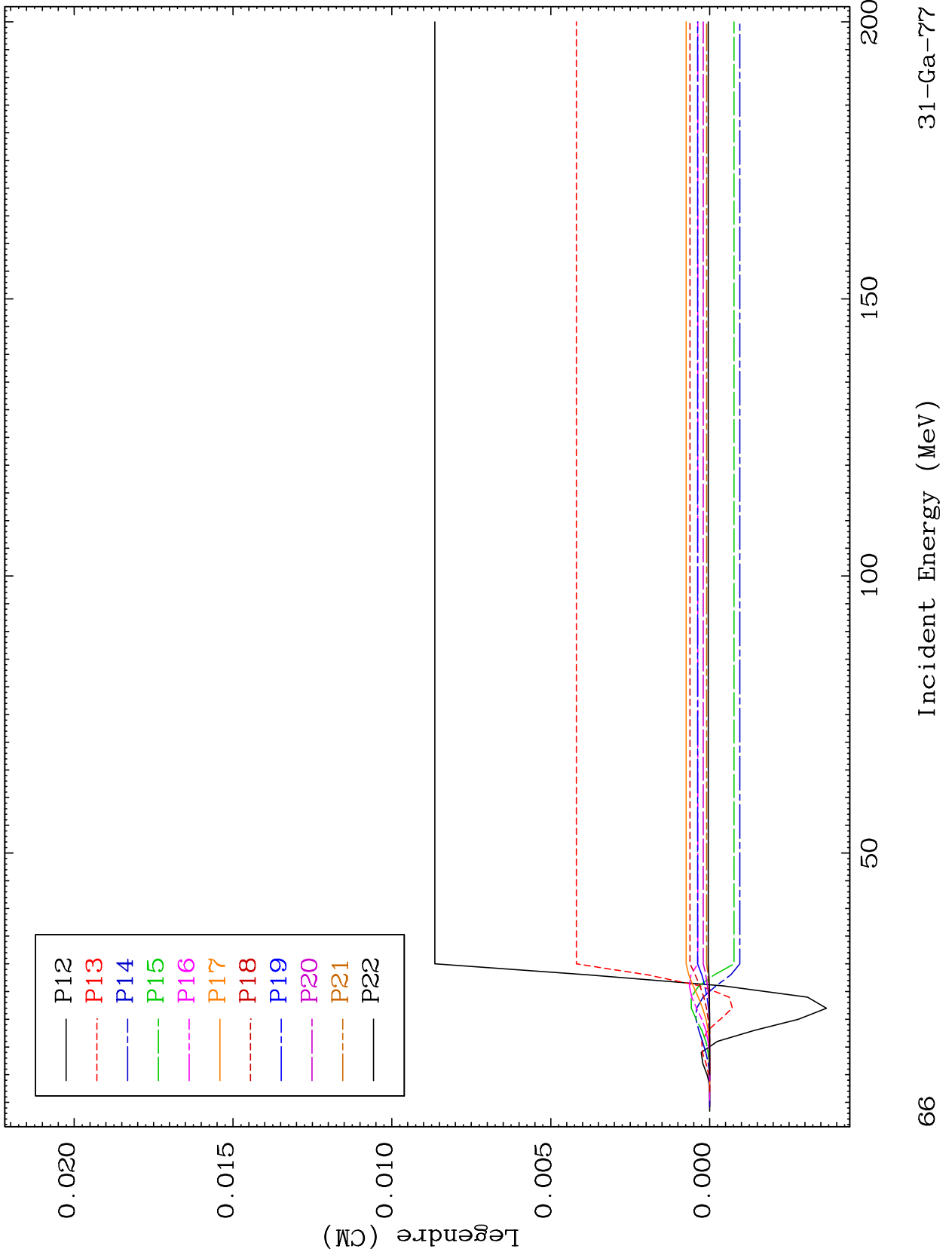
Incident Energy (MeV)

65

MAT 3149

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

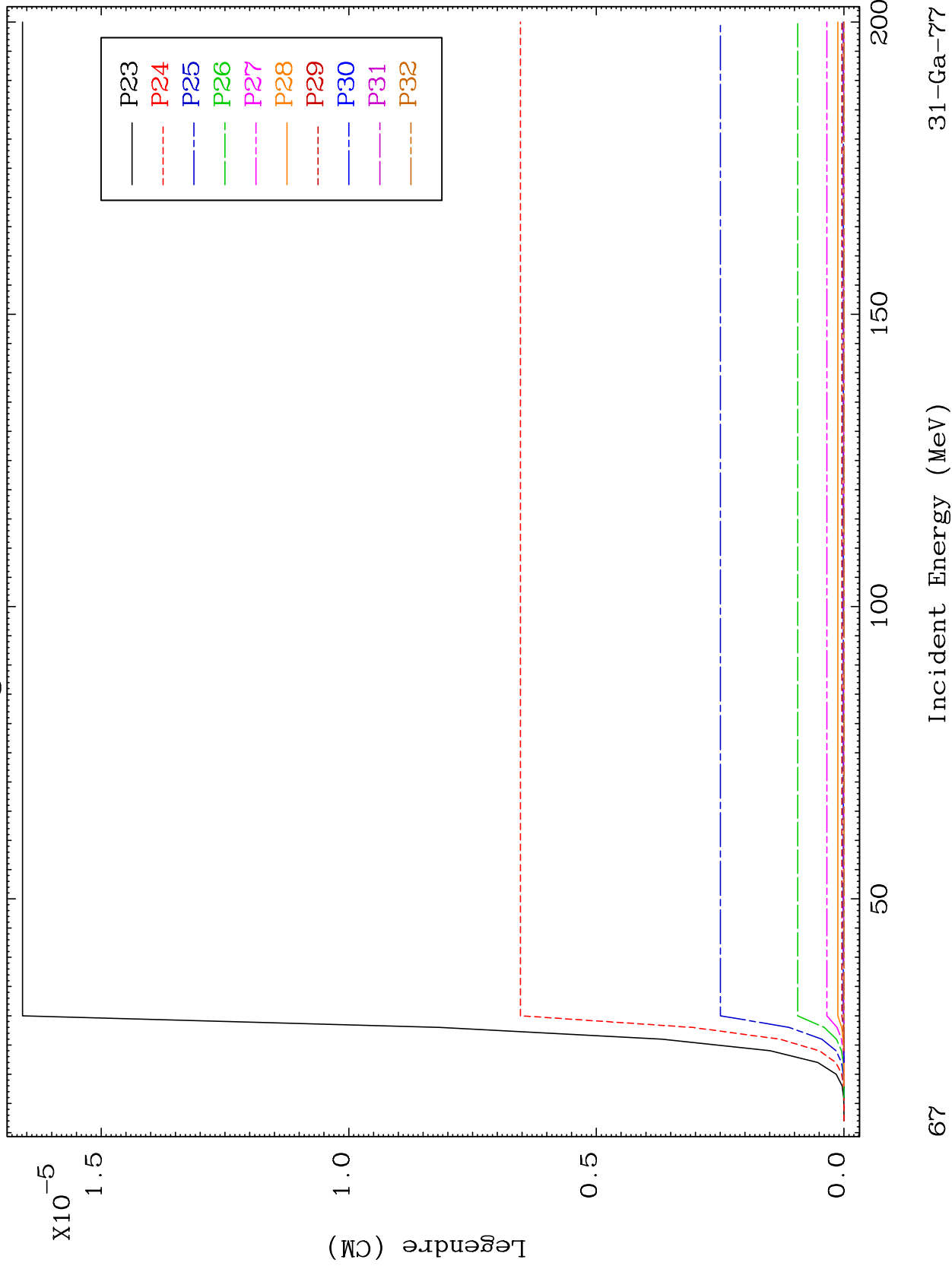
31-Ga-77



MAT 3149

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

31-Ga-77



67

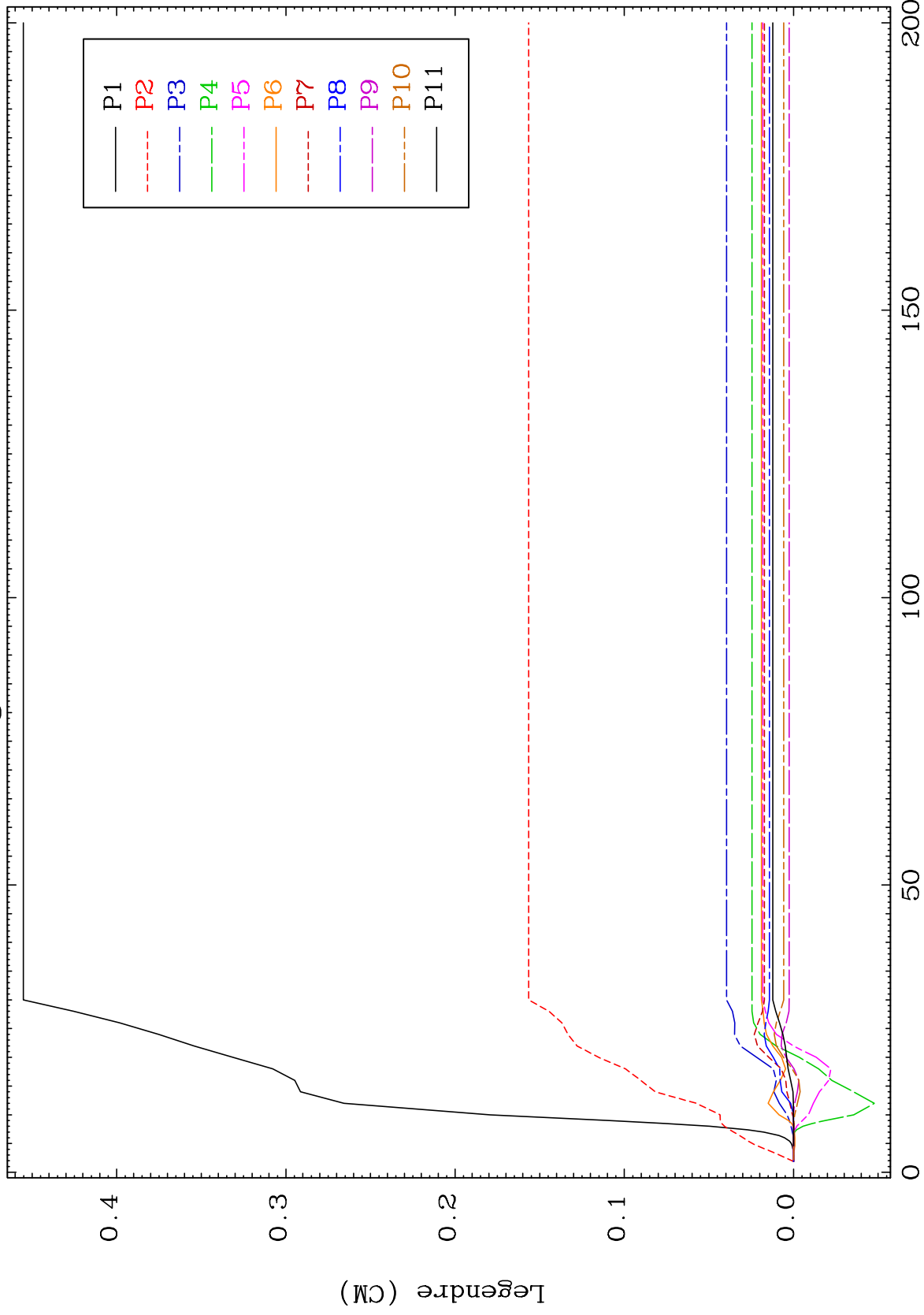
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

<sup>31</sup>Ga-77



68

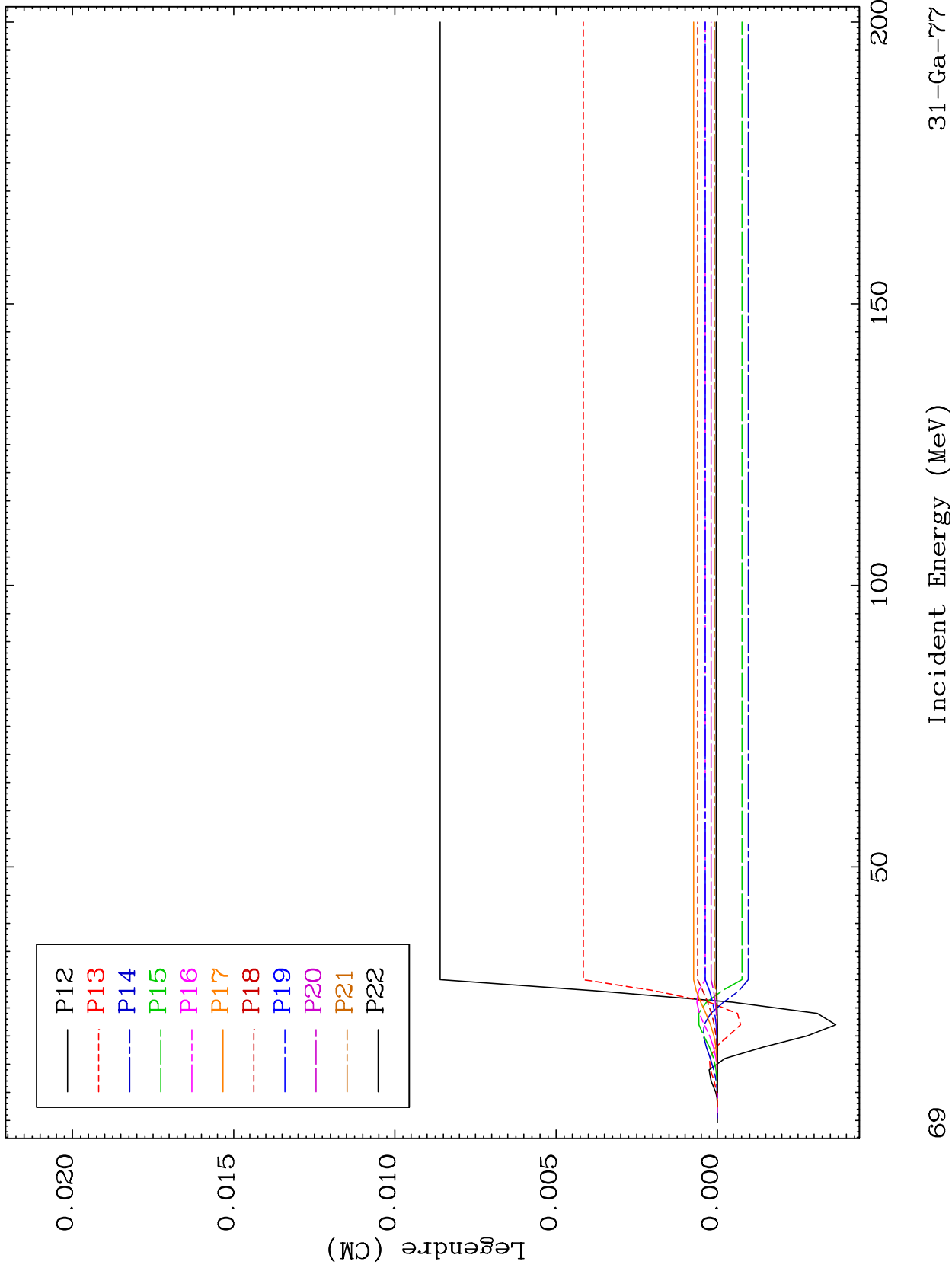
Incident Energy (MeV)

<sup>31</sup>Ga-77

MAT 3149

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

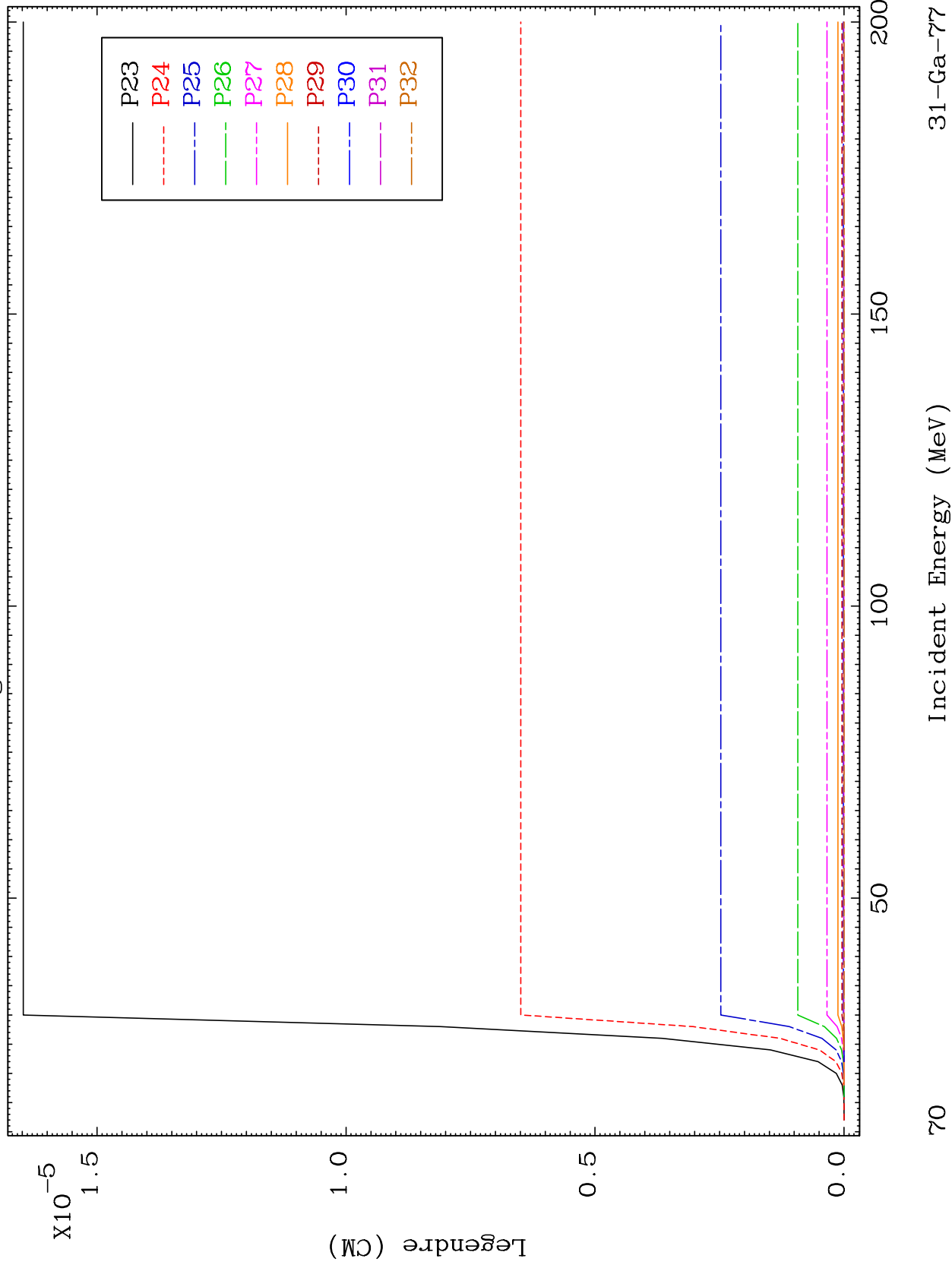
31-Ga-77



MAT 3149

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

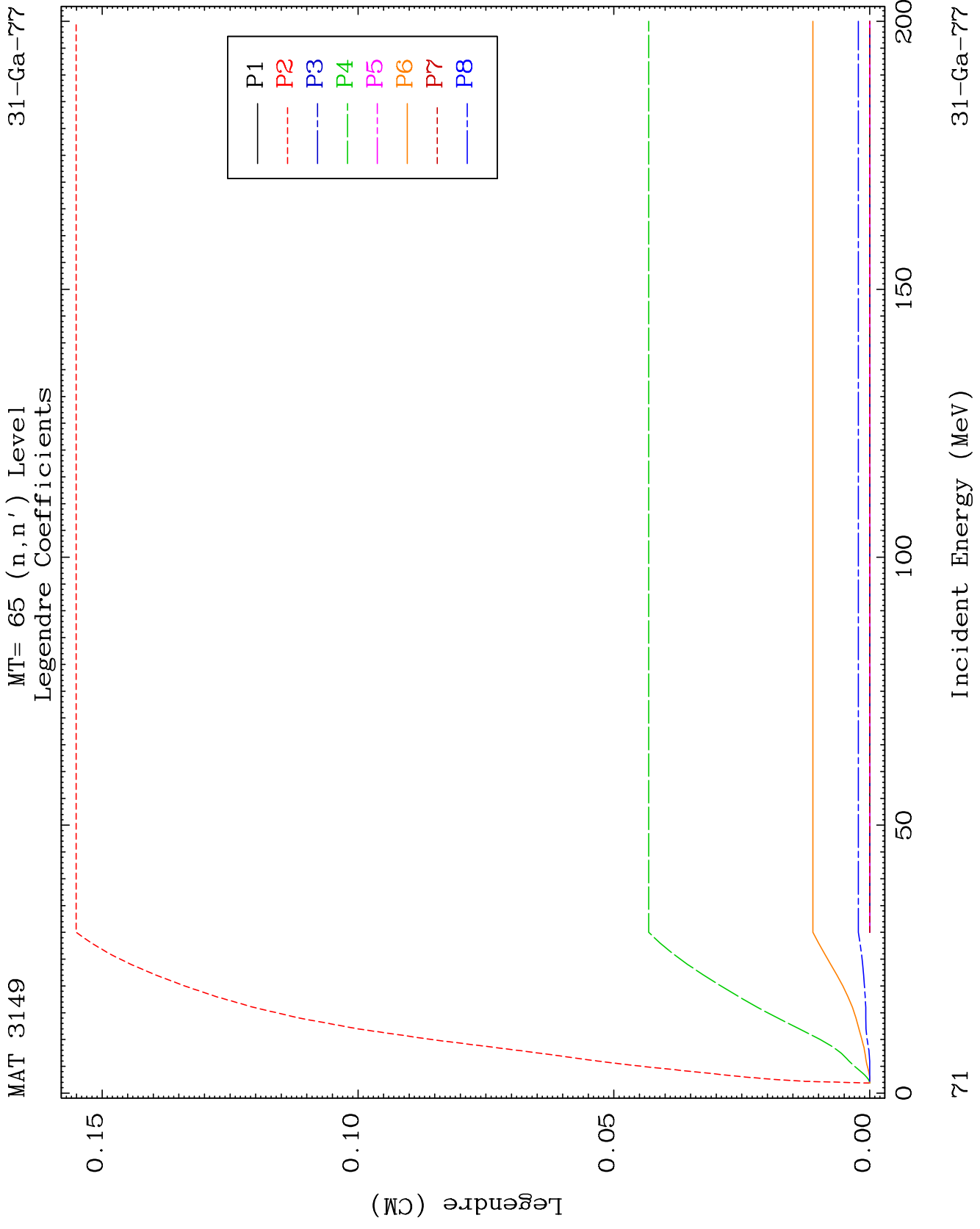
31-Ga-77



70

Incident Energy (MeV)

31-Ga-77

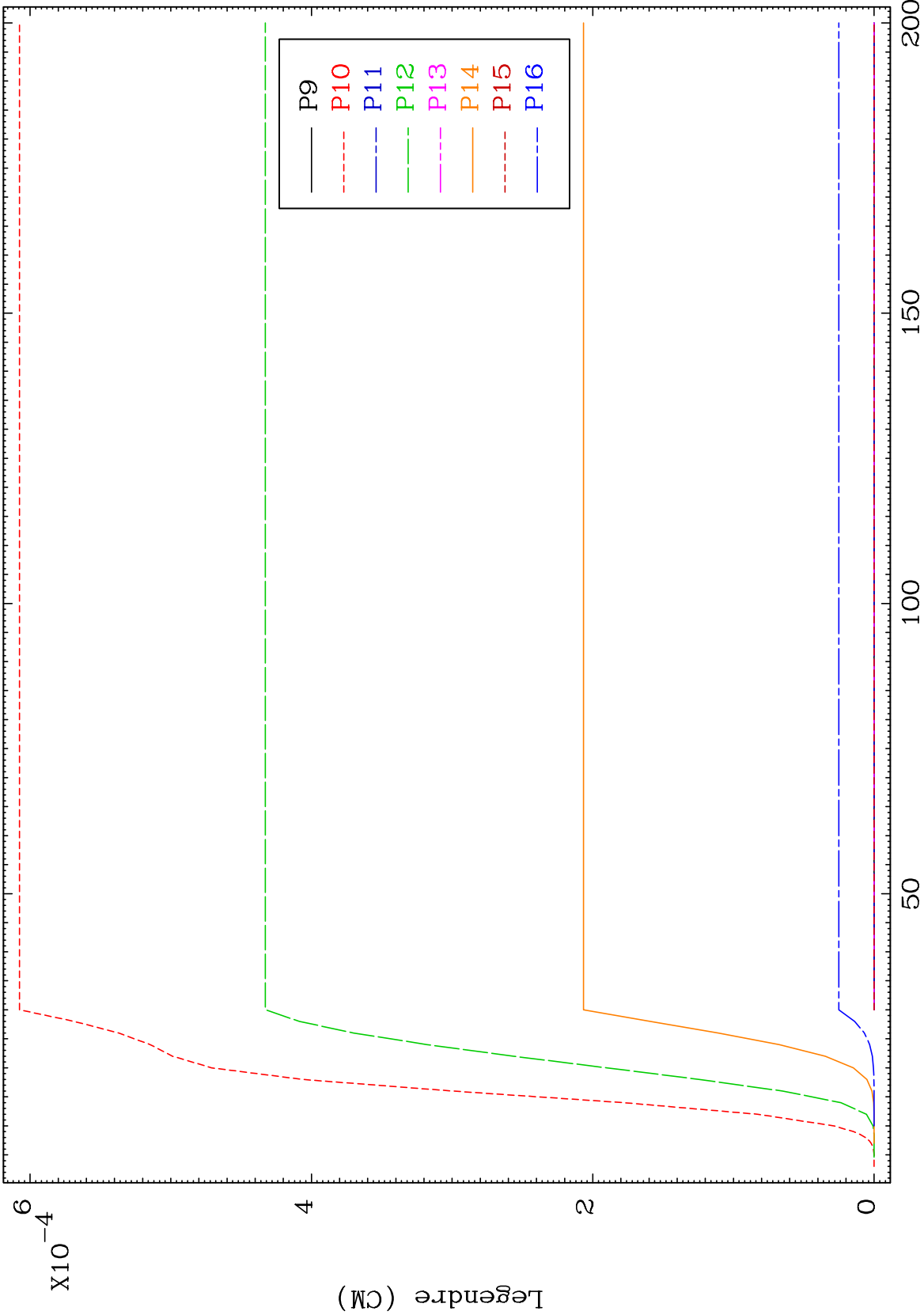




MAT 3149

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

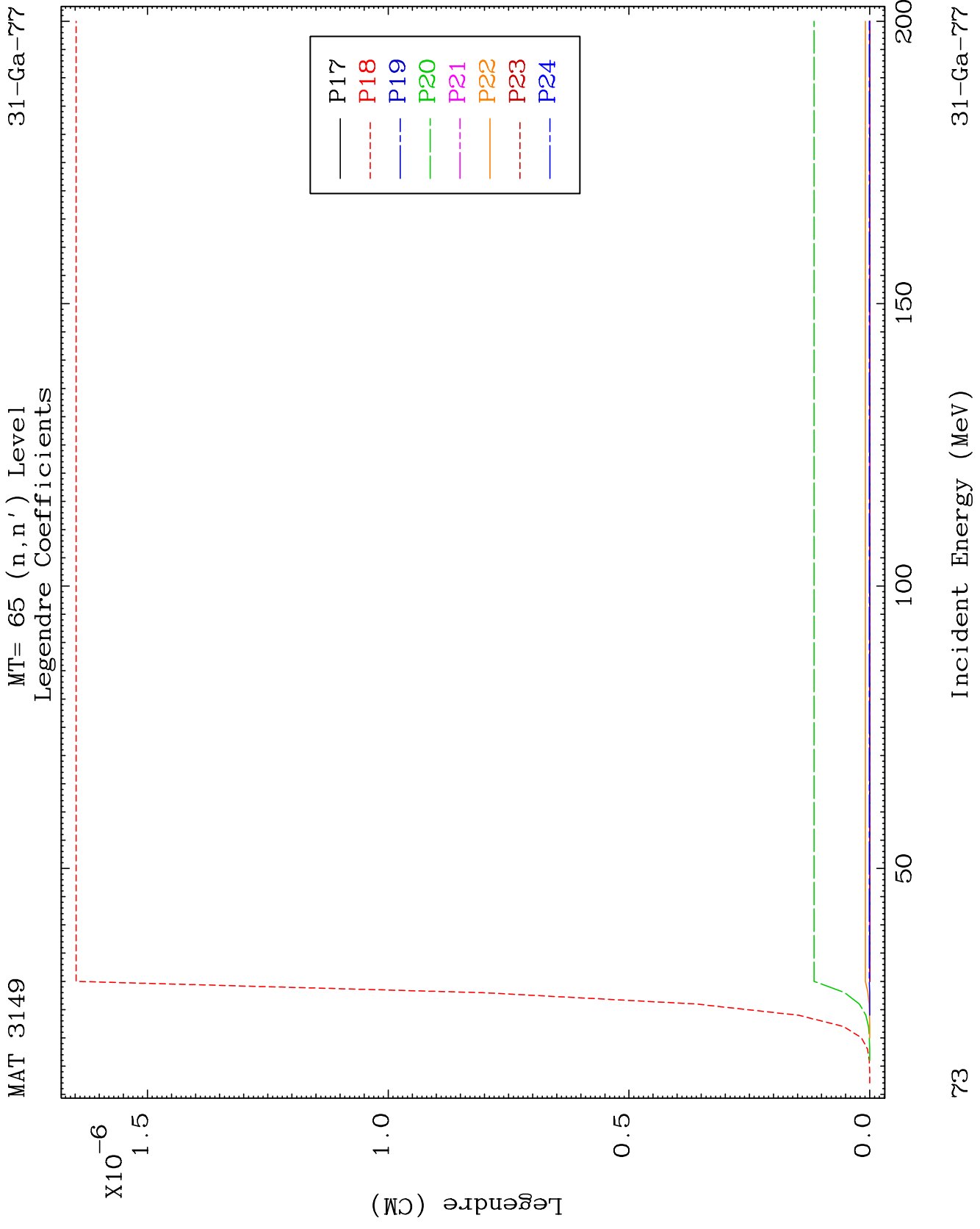
31-Ga-77



72

Incident Energy (MeV)

31-Ga-77

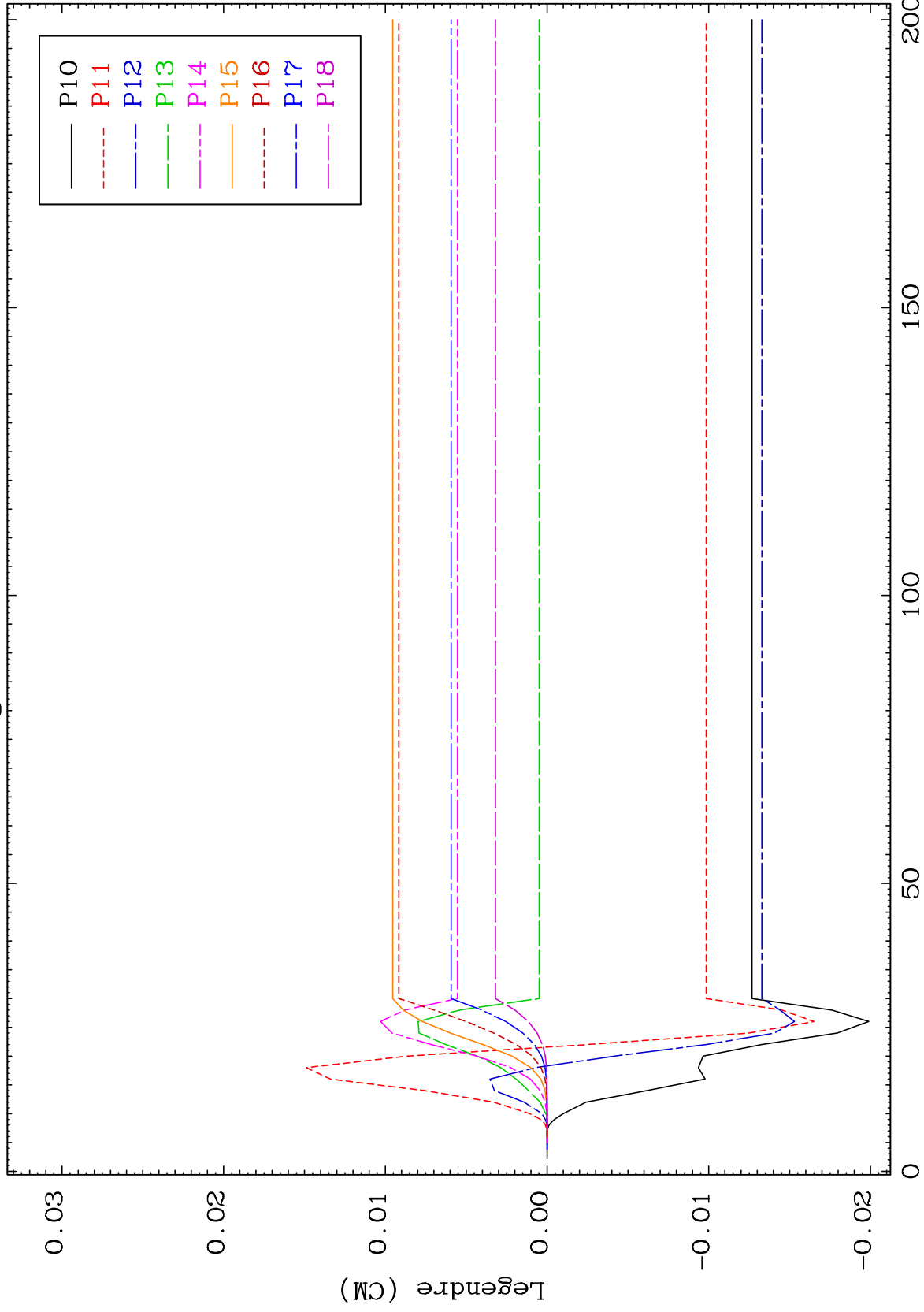




MAT 3149

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

<sup>31</sup>Ga-77



75

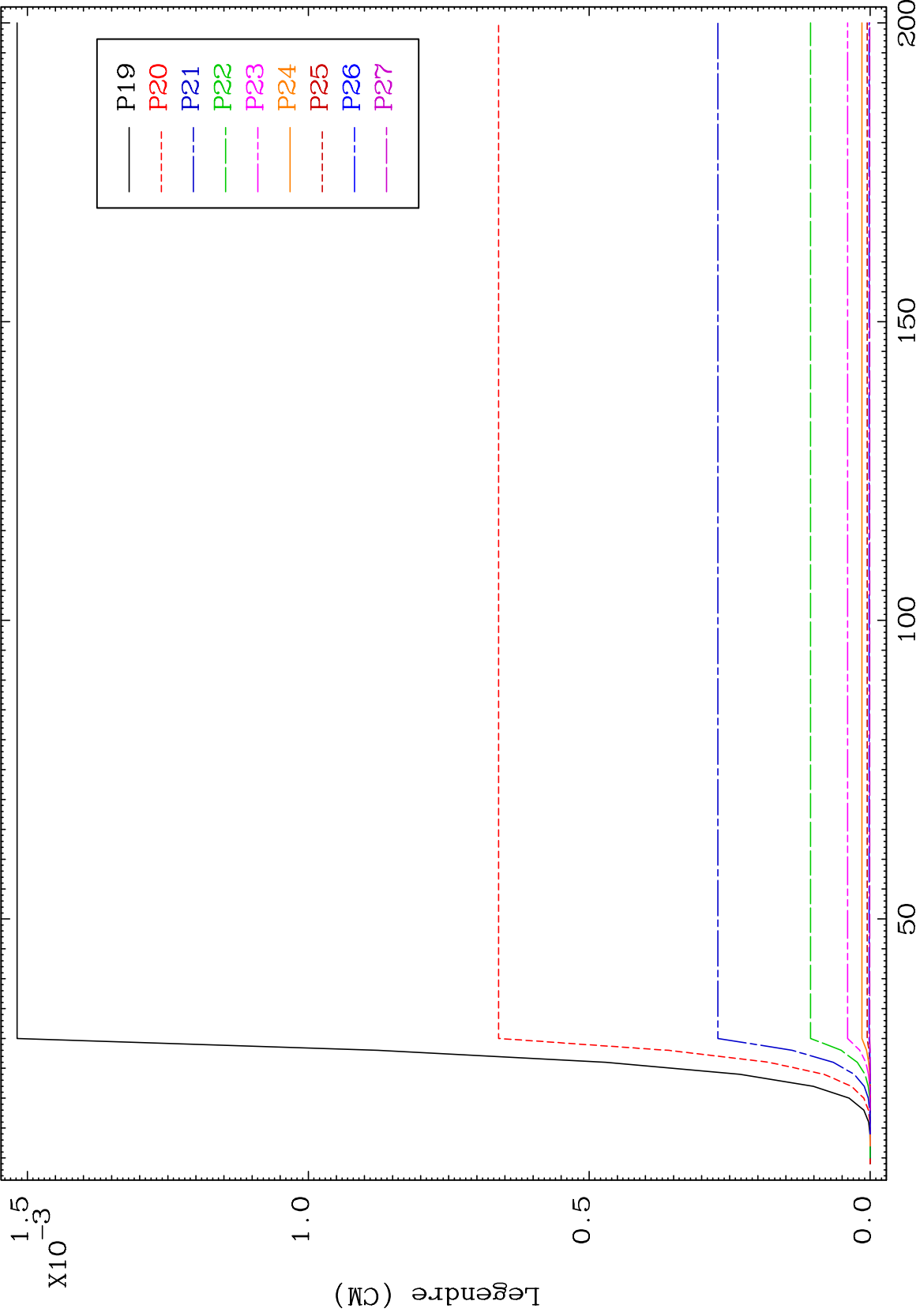
Incident Energy (MeV)

<sup>31</sup>Ga-77

MAT 3149

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

31-Ga-77



76

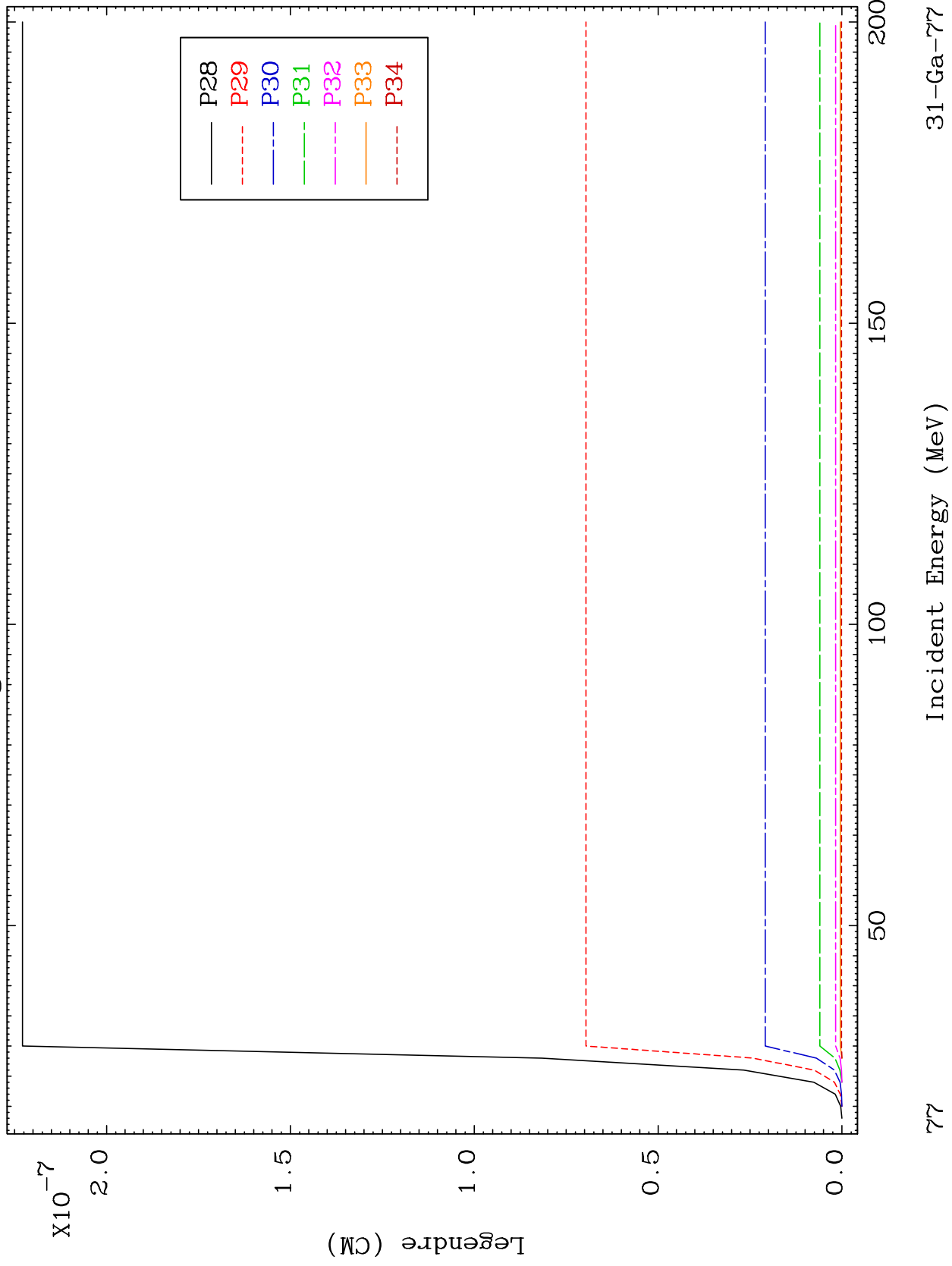
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



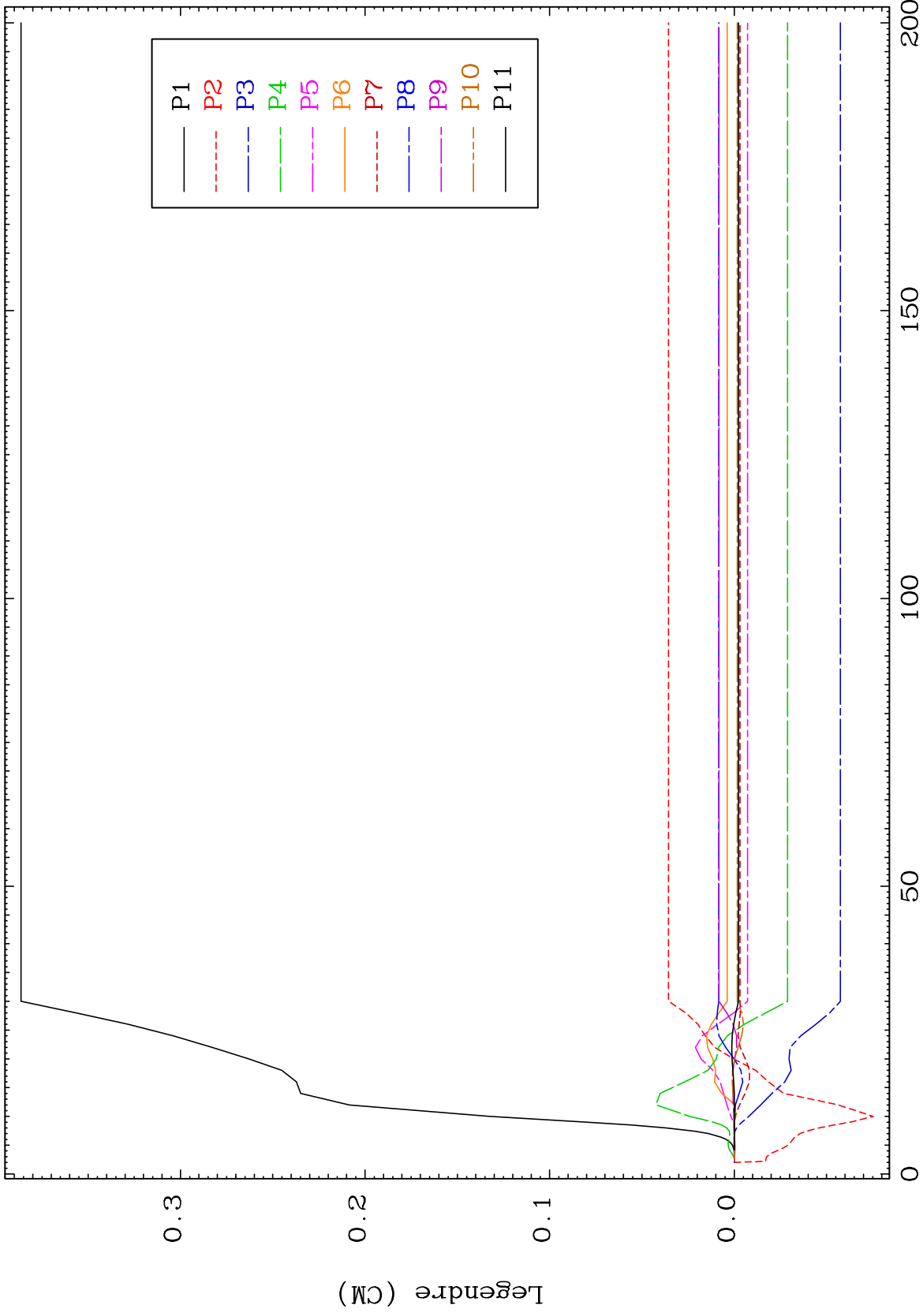
77

31-Ga-77

MAT 3149

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

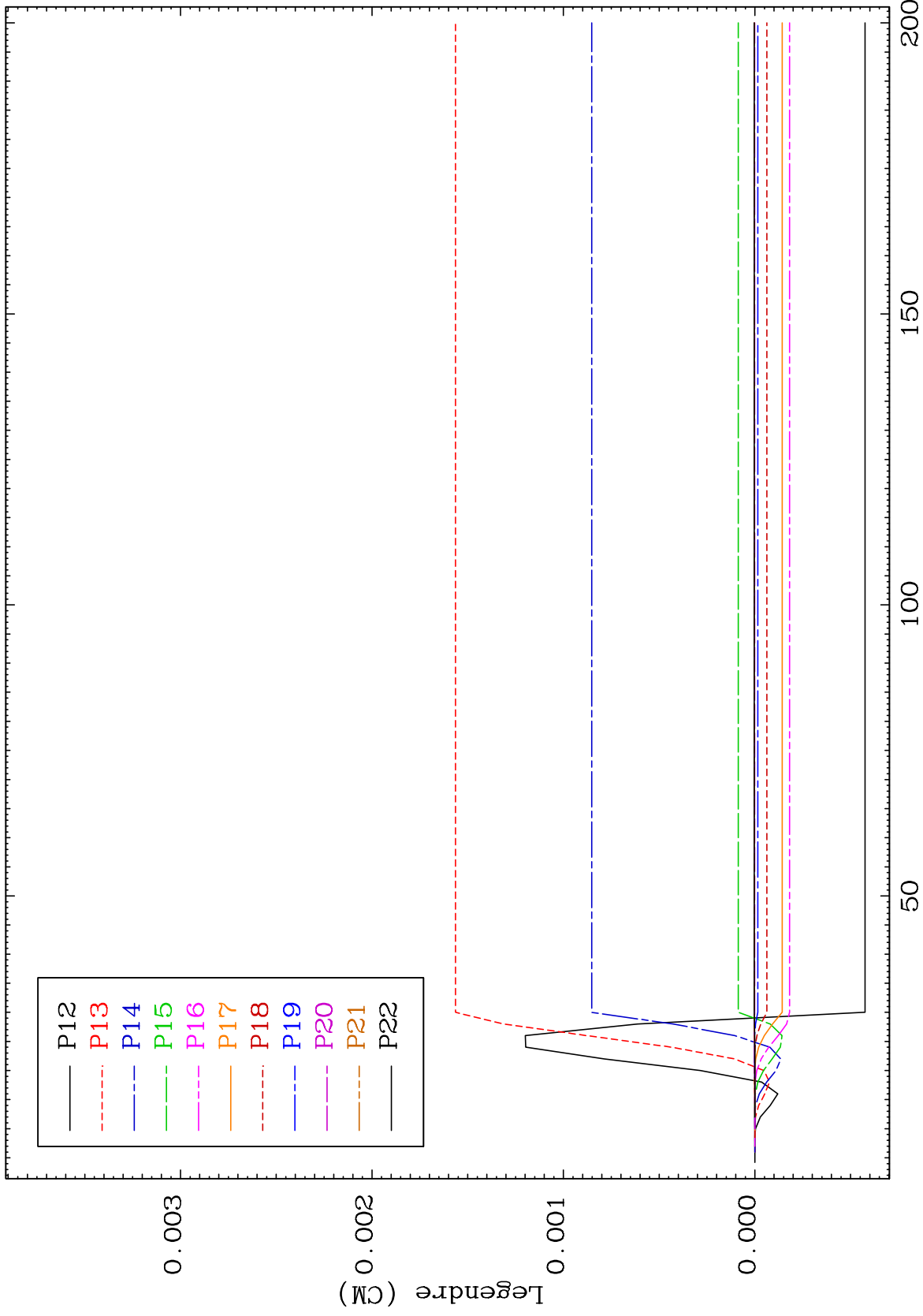
<sup>31</sup>Ga-77



78

Incident Energy (MeV)

<sup>31</sup>Ga-77

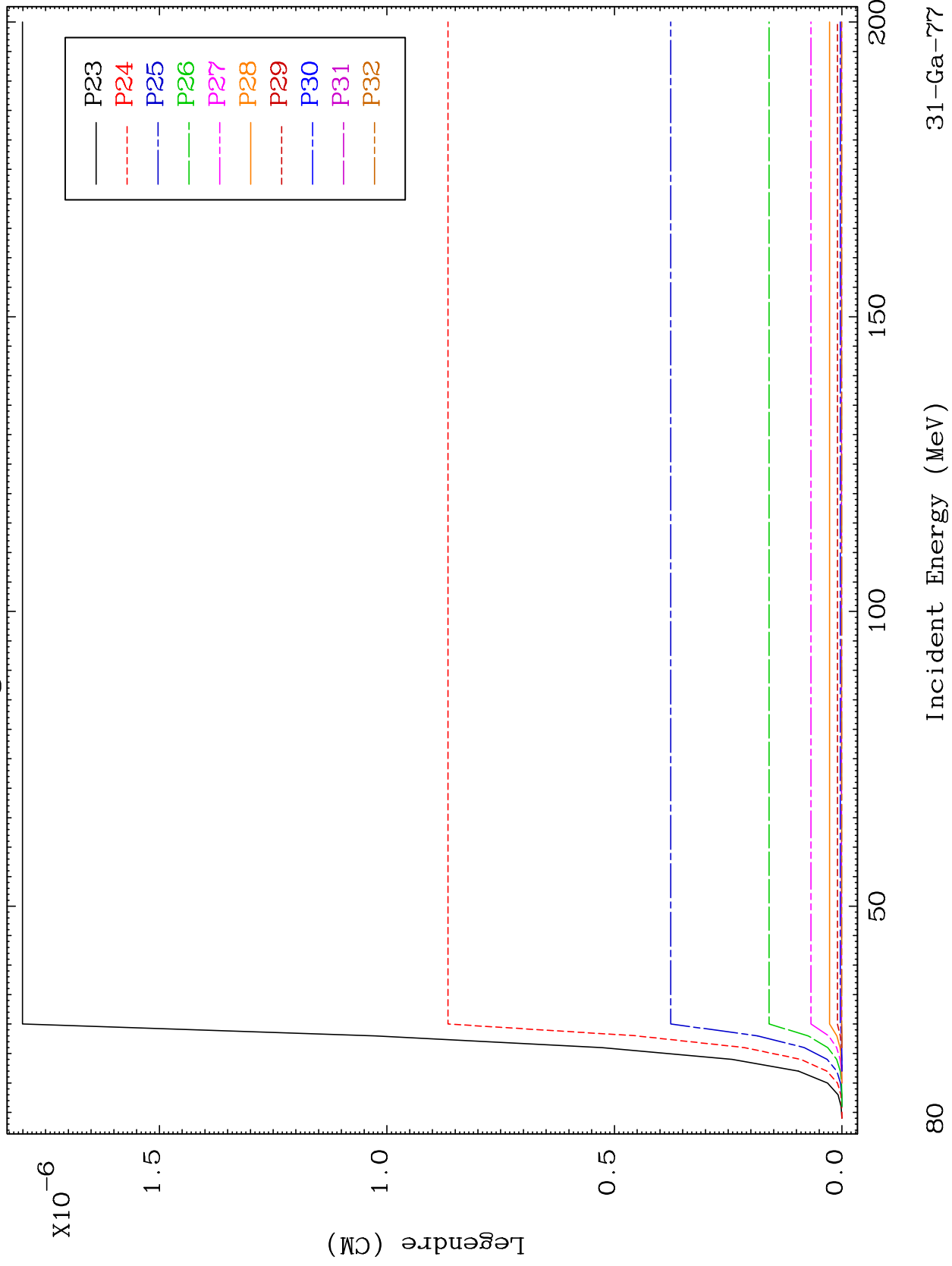




MAT 3149

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

31-Ga-77

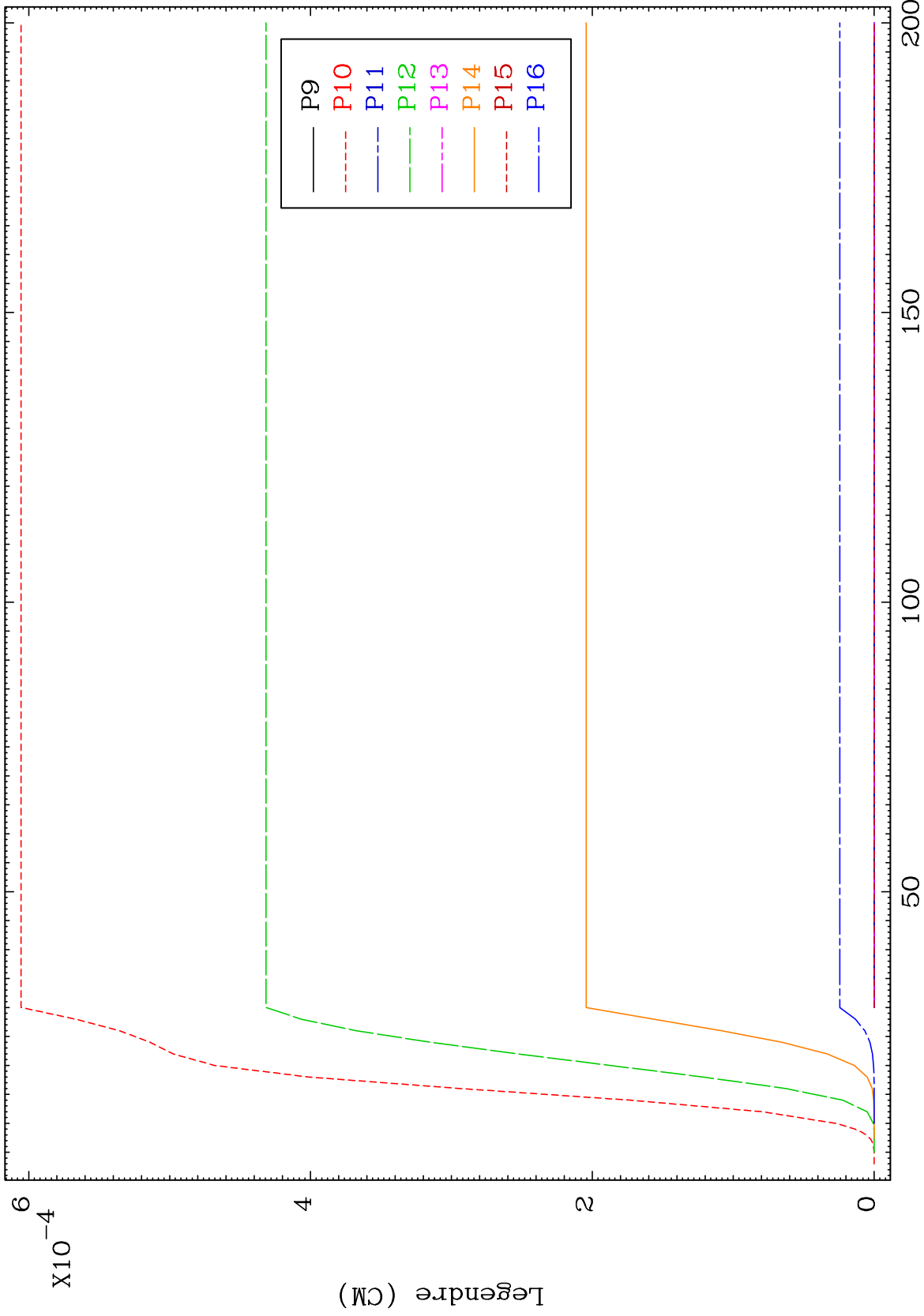




MAT 3149

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

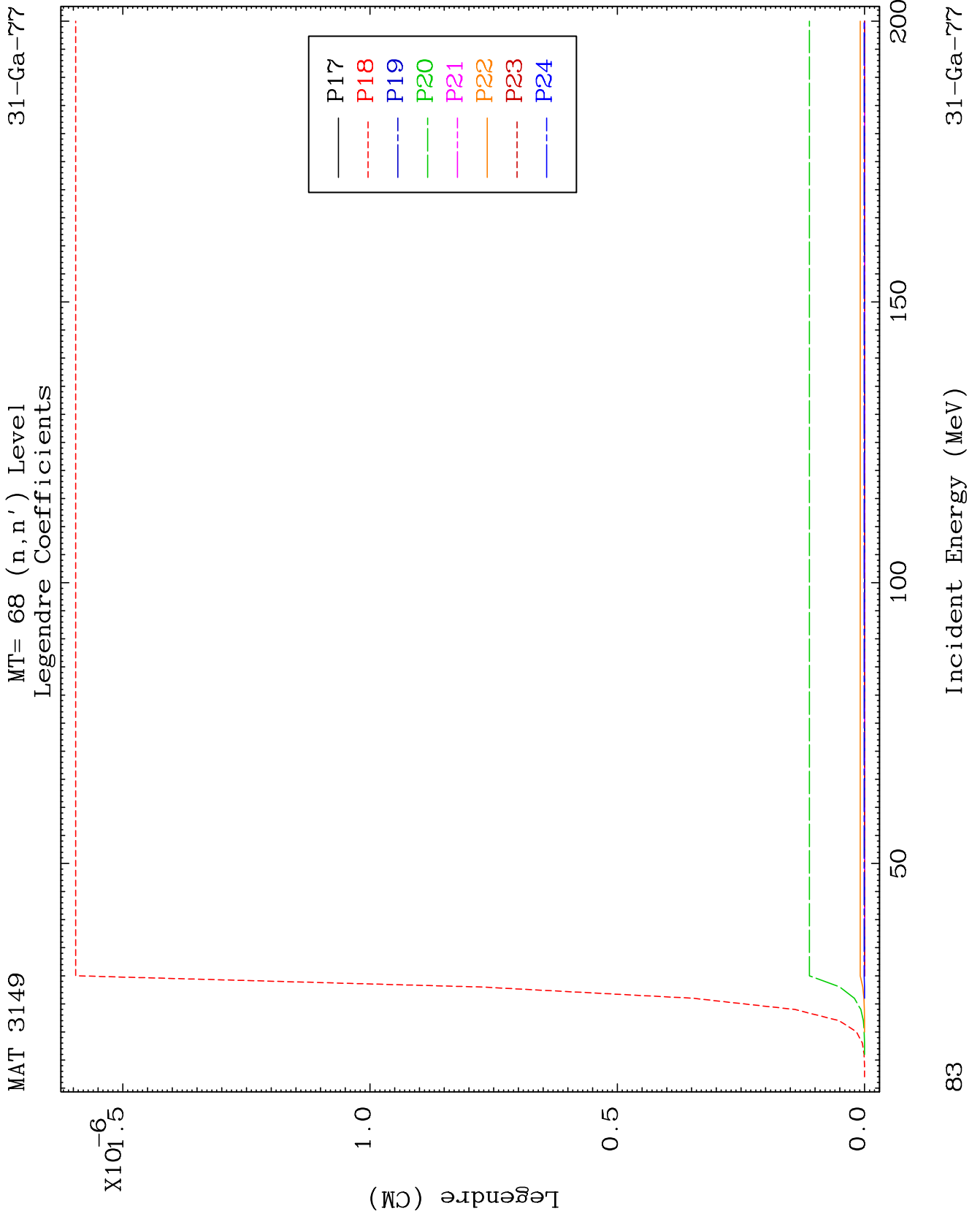
31-Ga-77



82

Incident Energy (MeV)

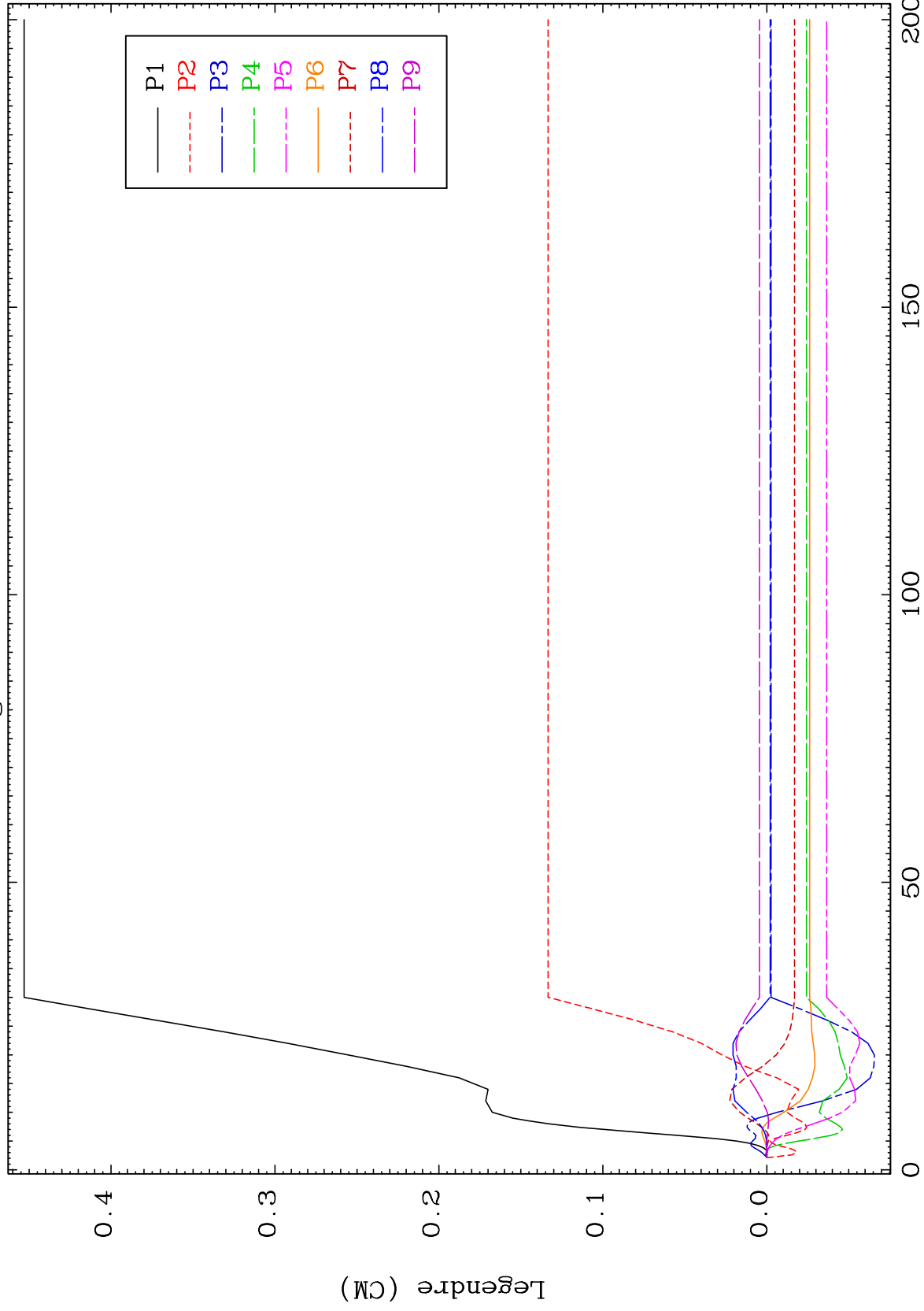
31-Ga-77



MAT 3149

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

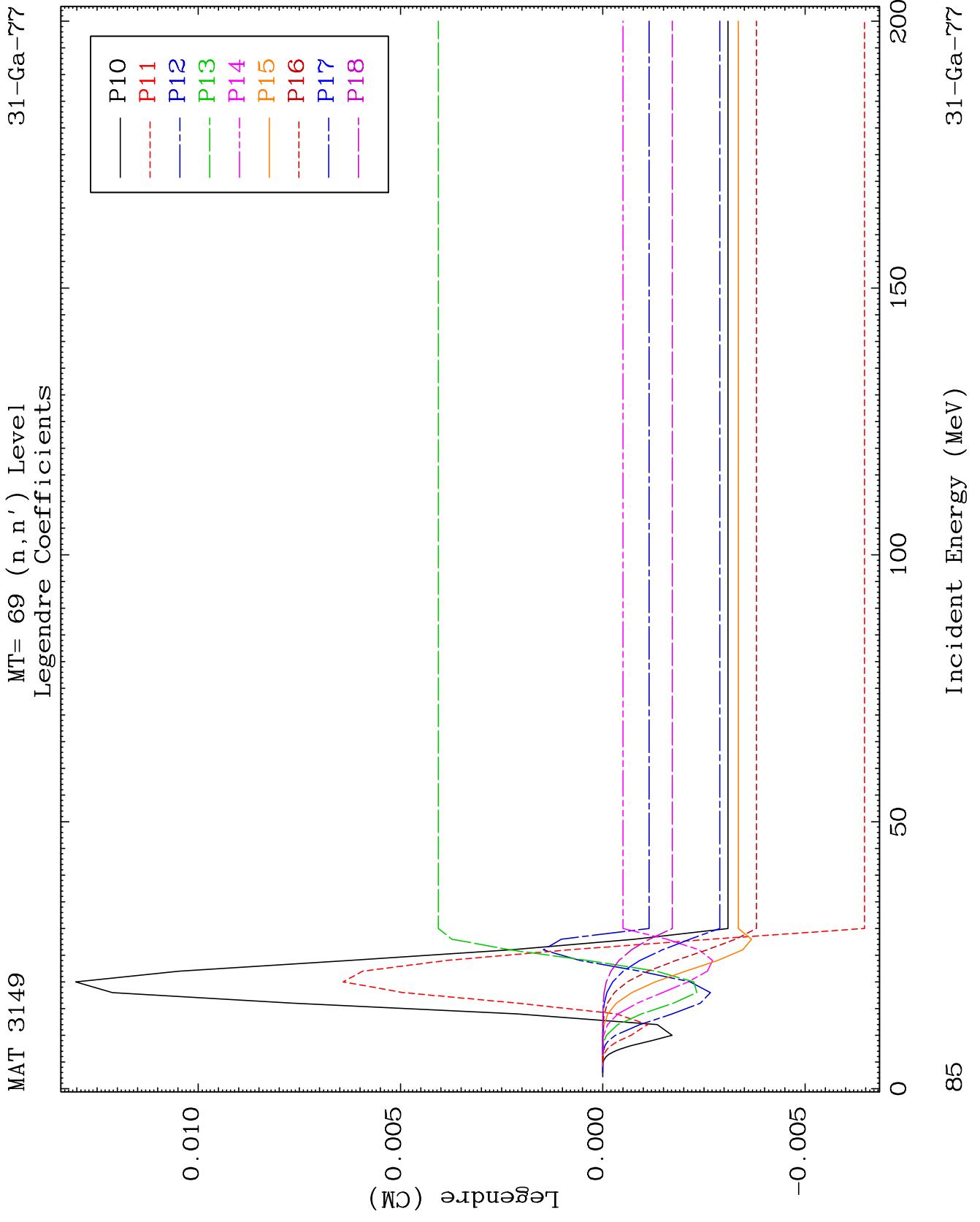
<sup>31</sup>Ga-77

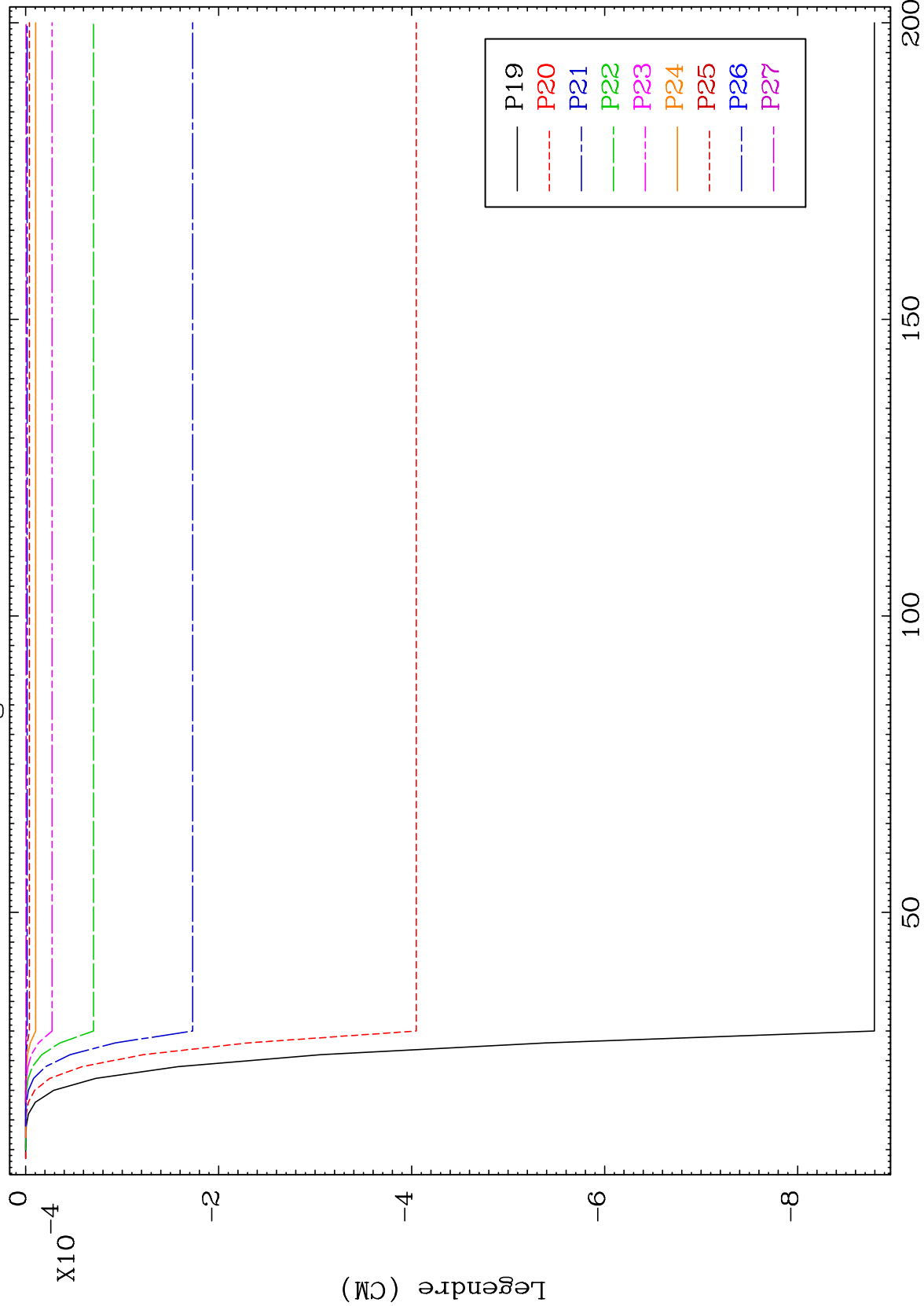


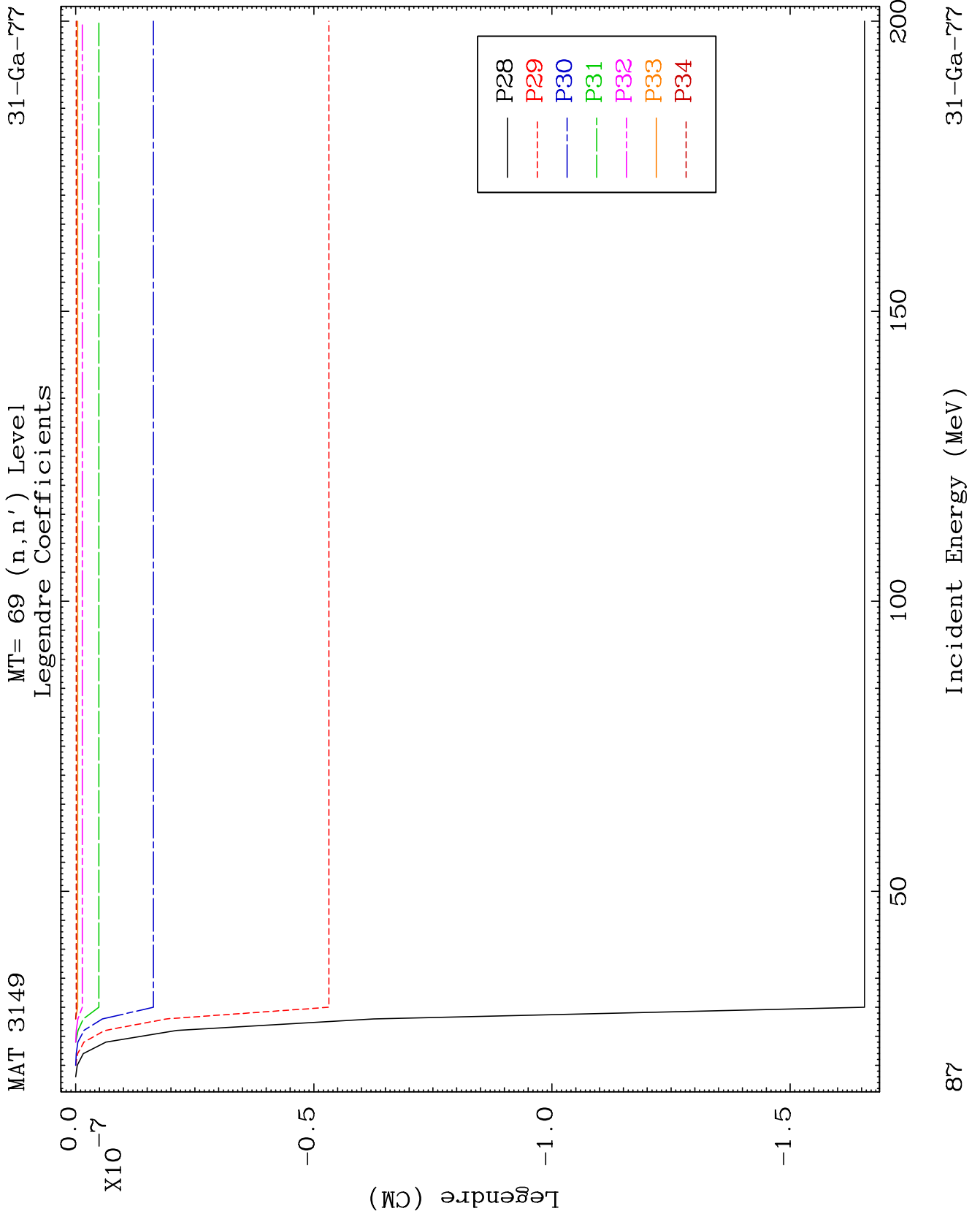
84

Incident Energy (MeV)

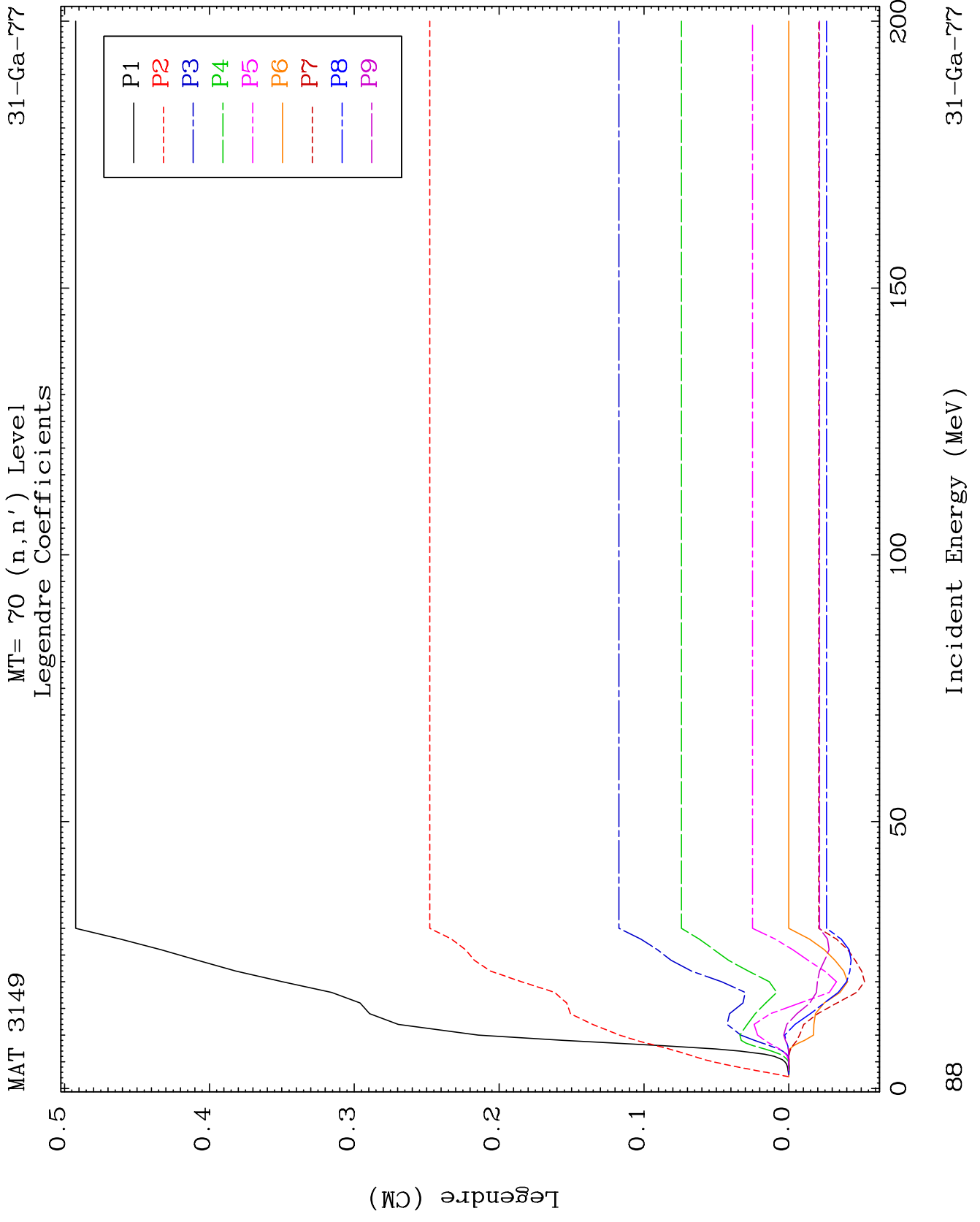
<sup>31</sup>Ga-77

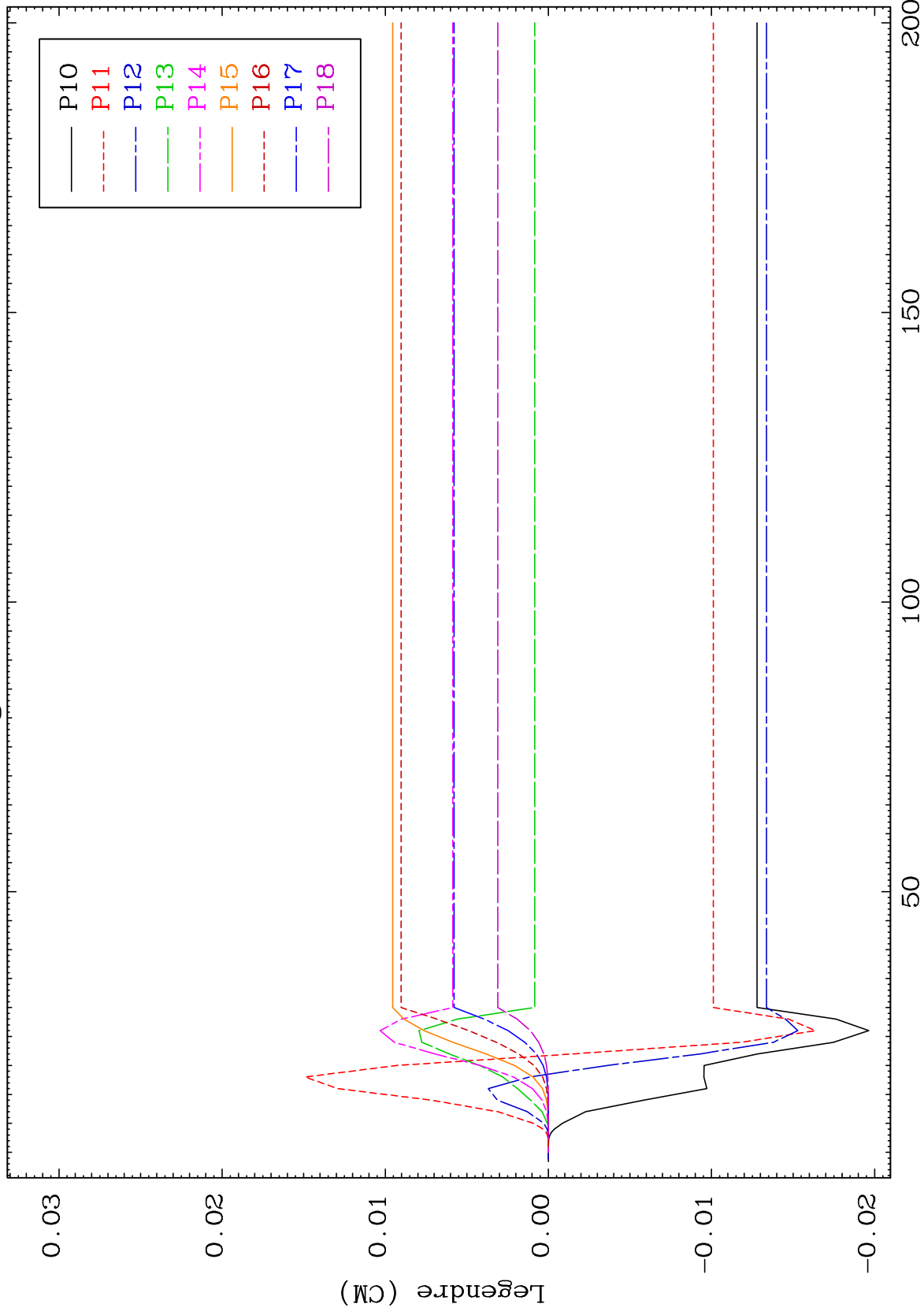








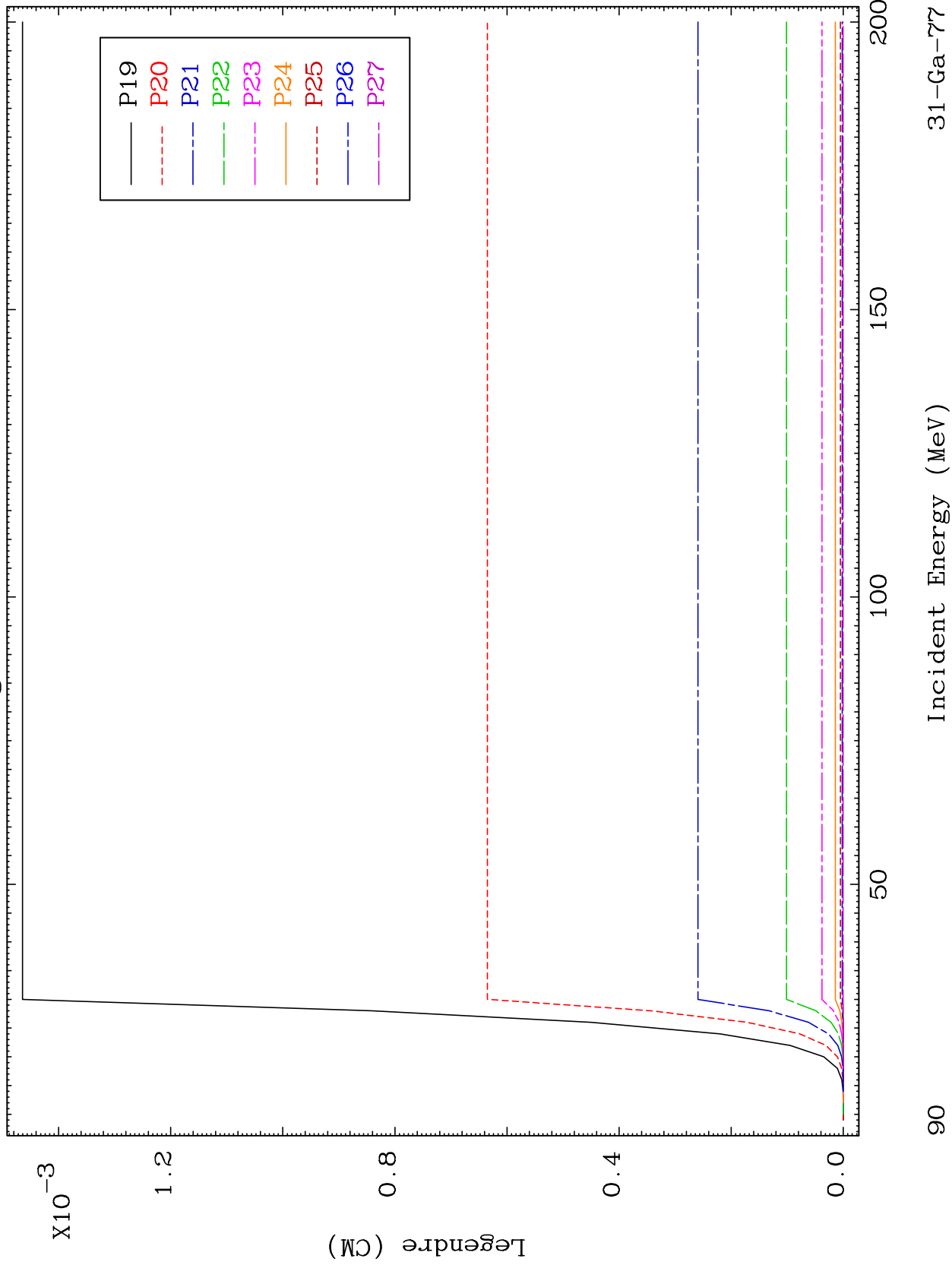




MAT 3149

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

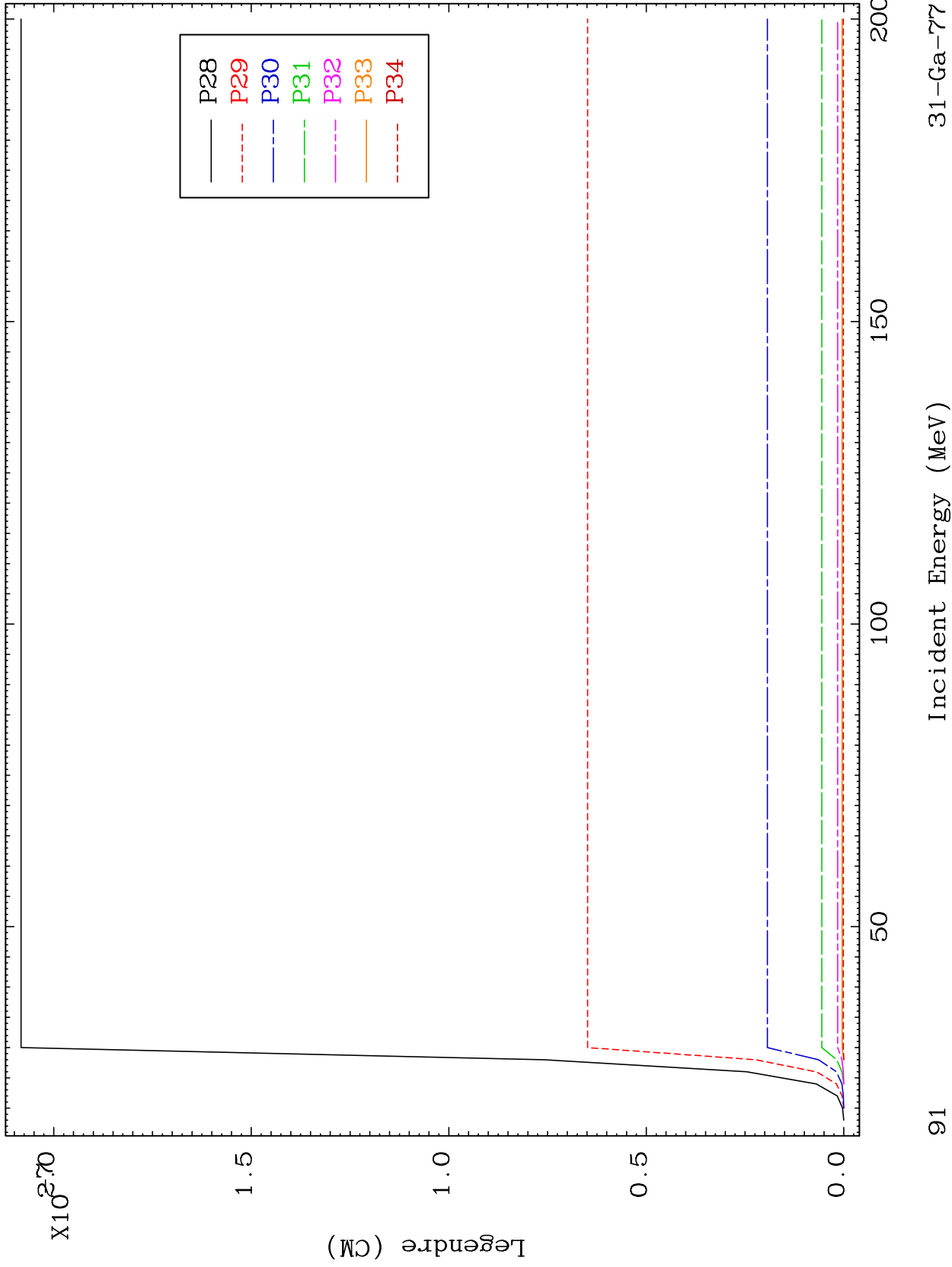
31-Ga-77

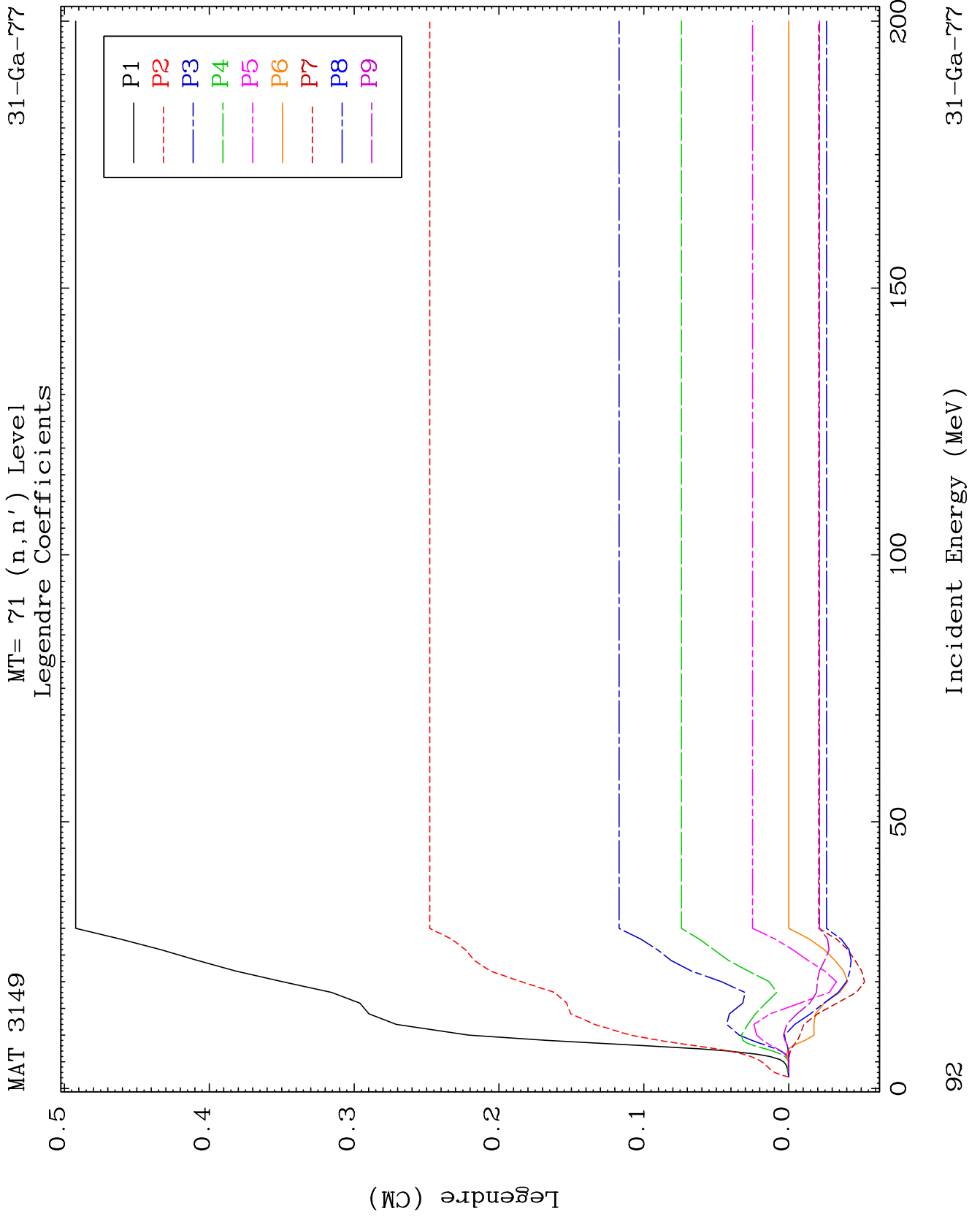


MAT 3149

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

31-Ga-77

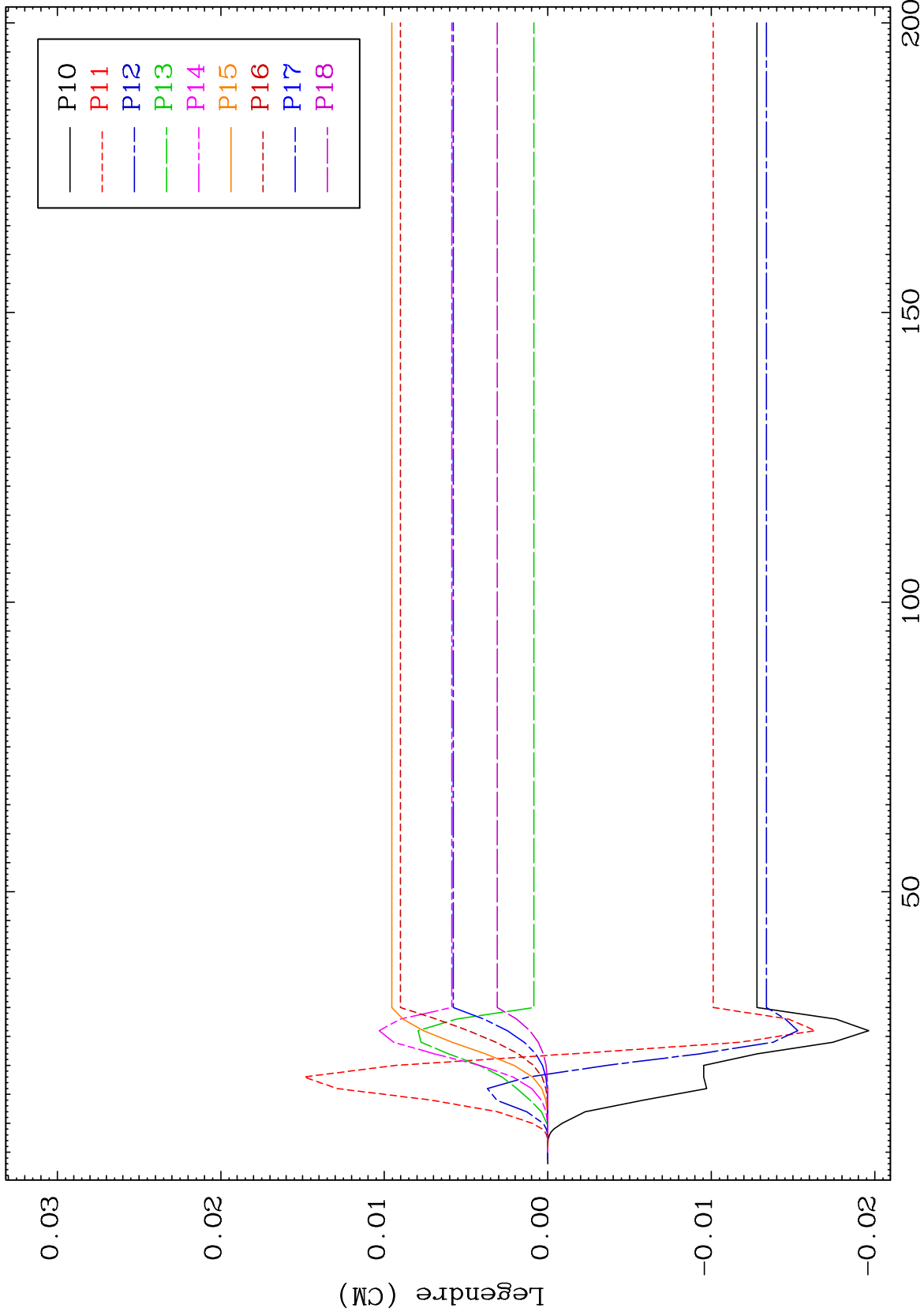




MAT 3149

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

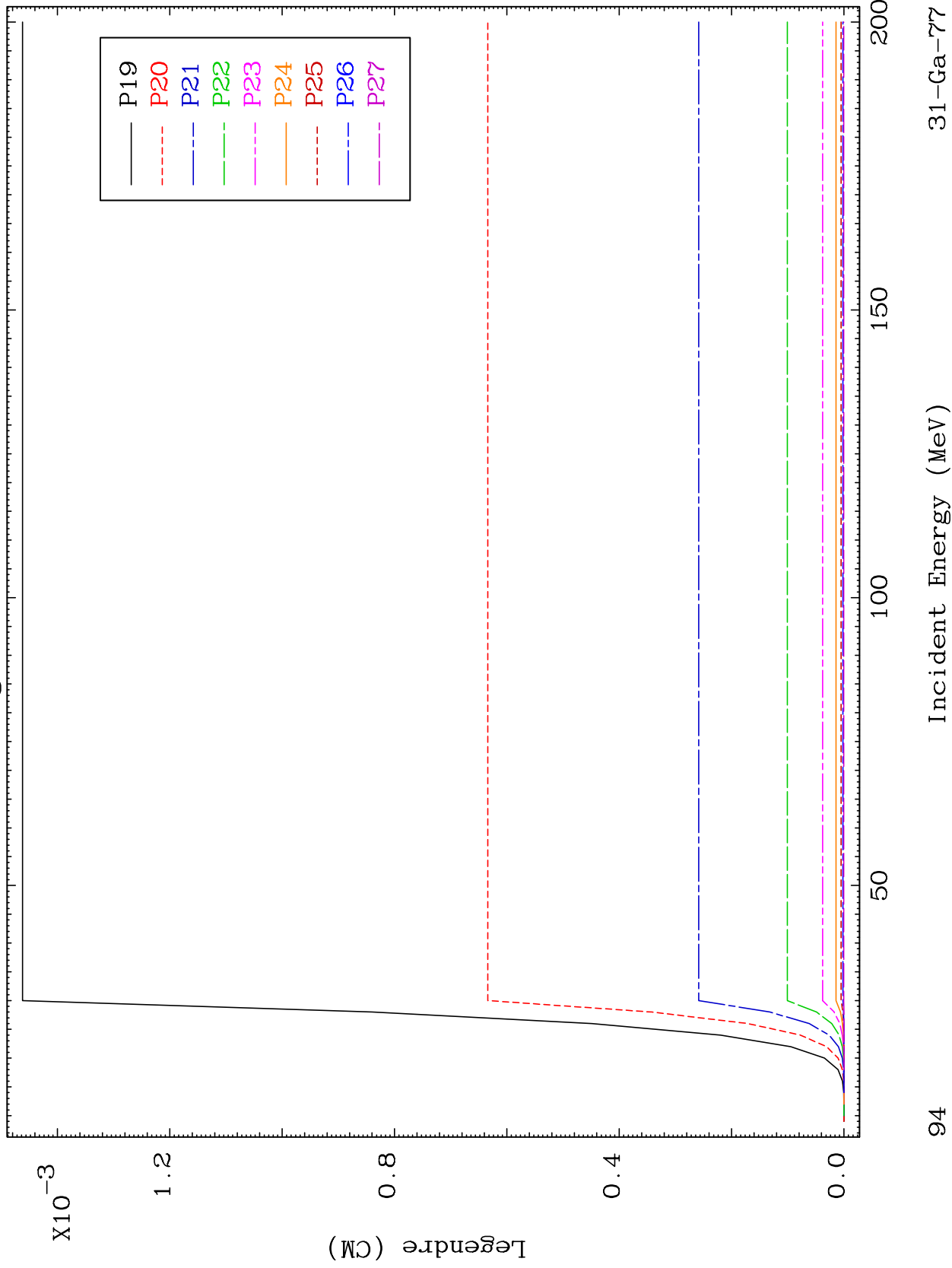
<sup>31</sup>Ga-77



MAT 3149

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

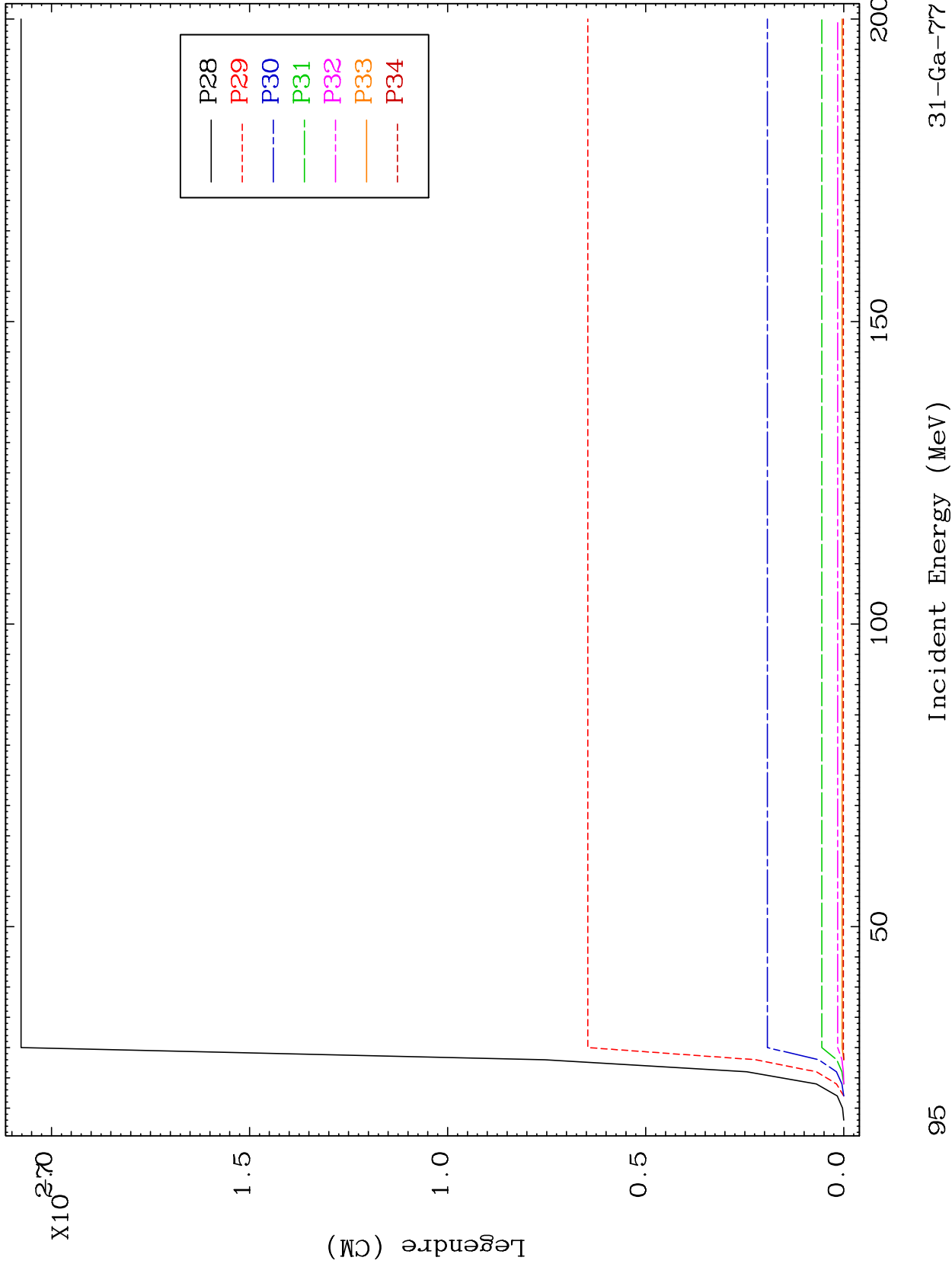
31-Ga-77



MAT 3149

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

31-Ga-77



95

Incident Energy (MeV)

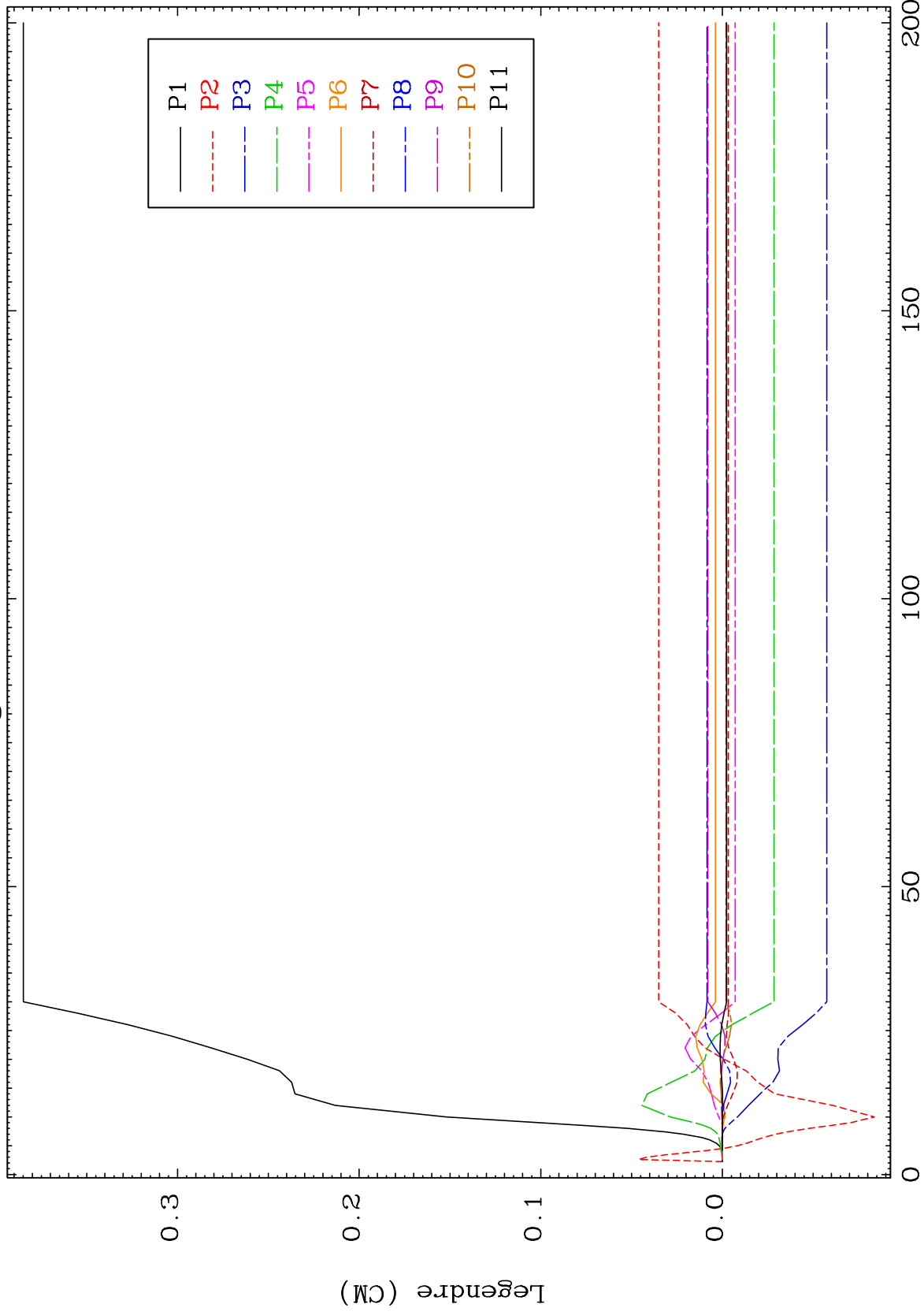
31-Ga-77



MAT 3149

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

31-Ga-77



96

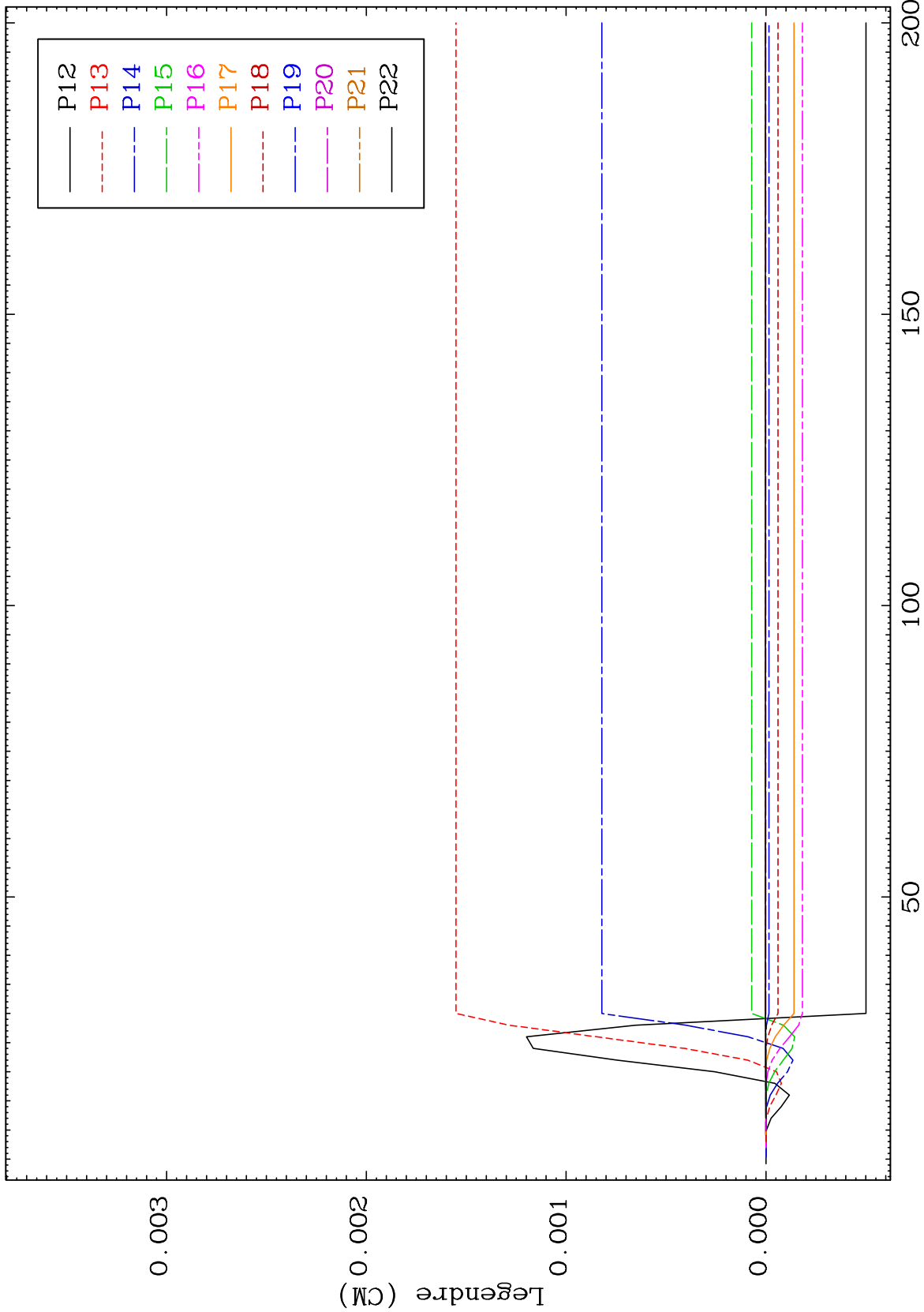
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



97

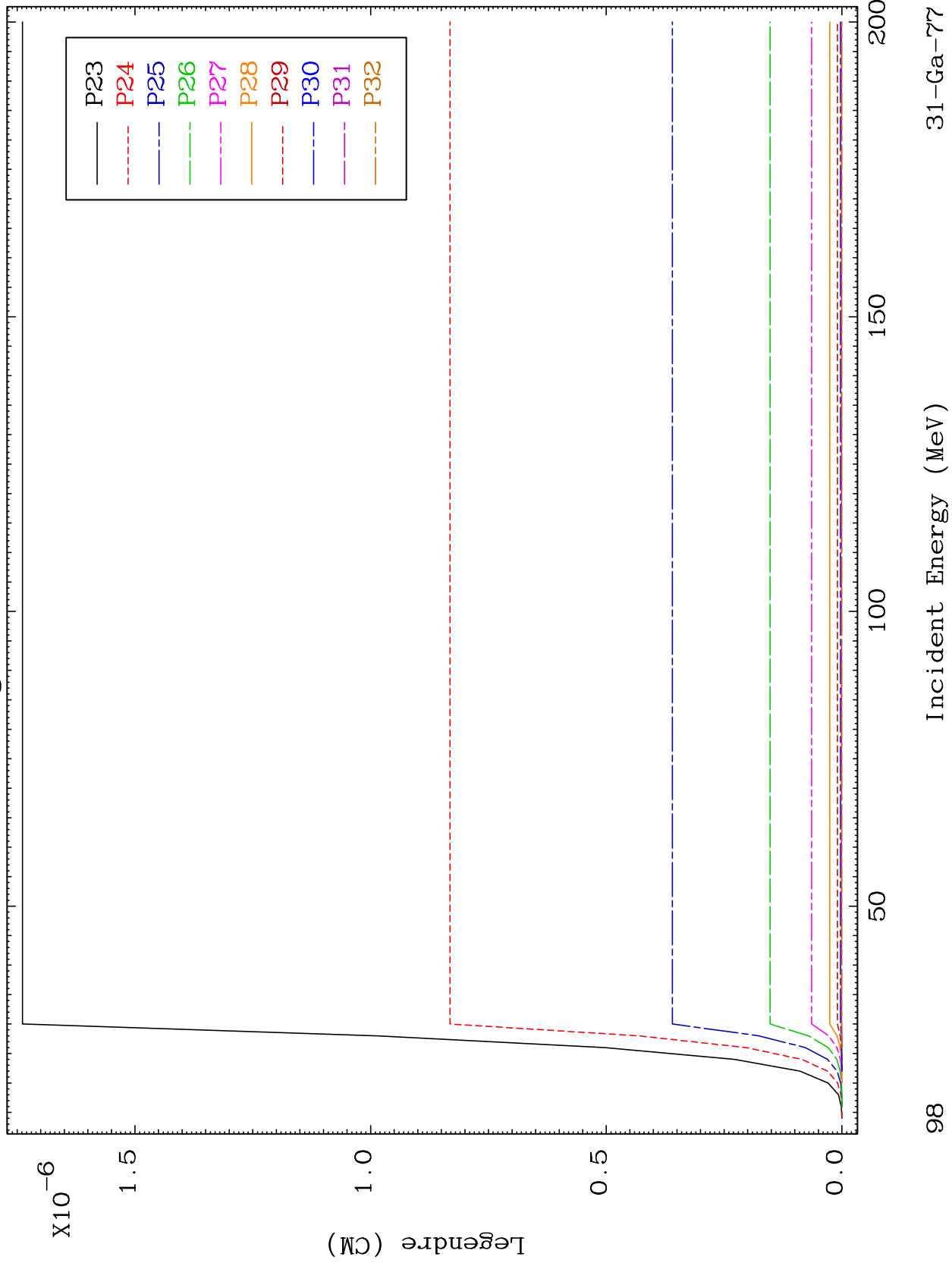
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77

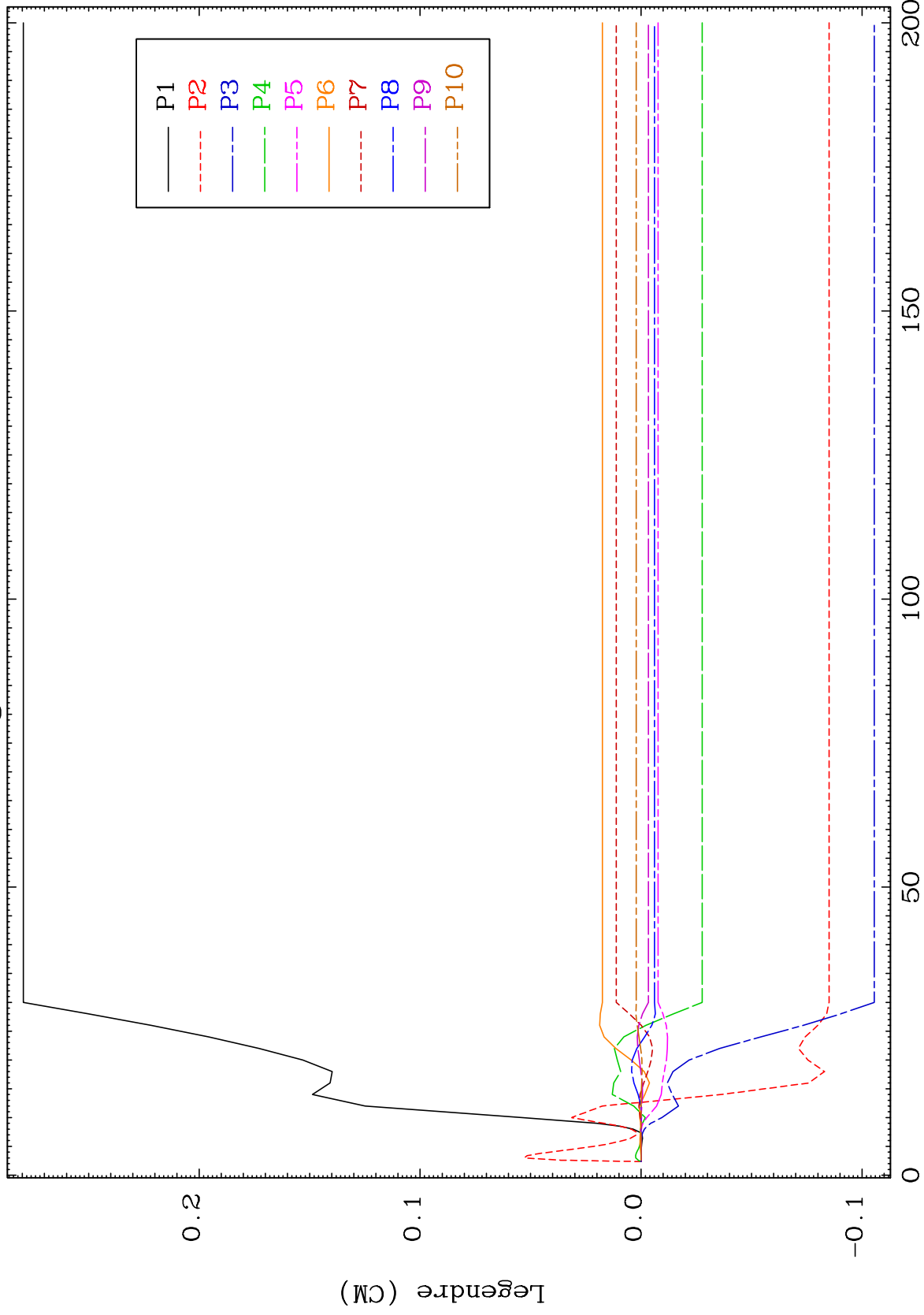


98

MAT 3149

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

31-Ga-77



99

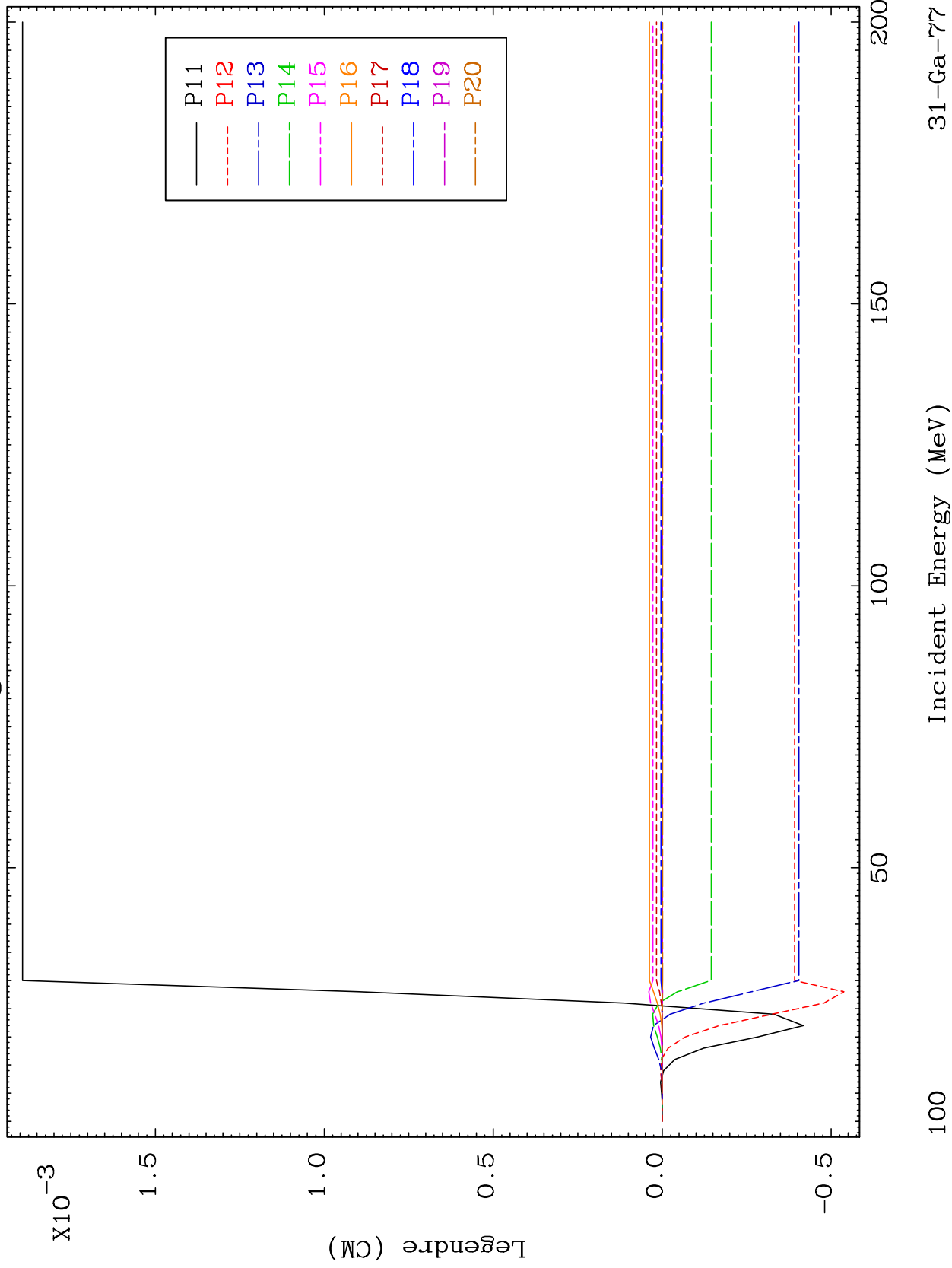
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

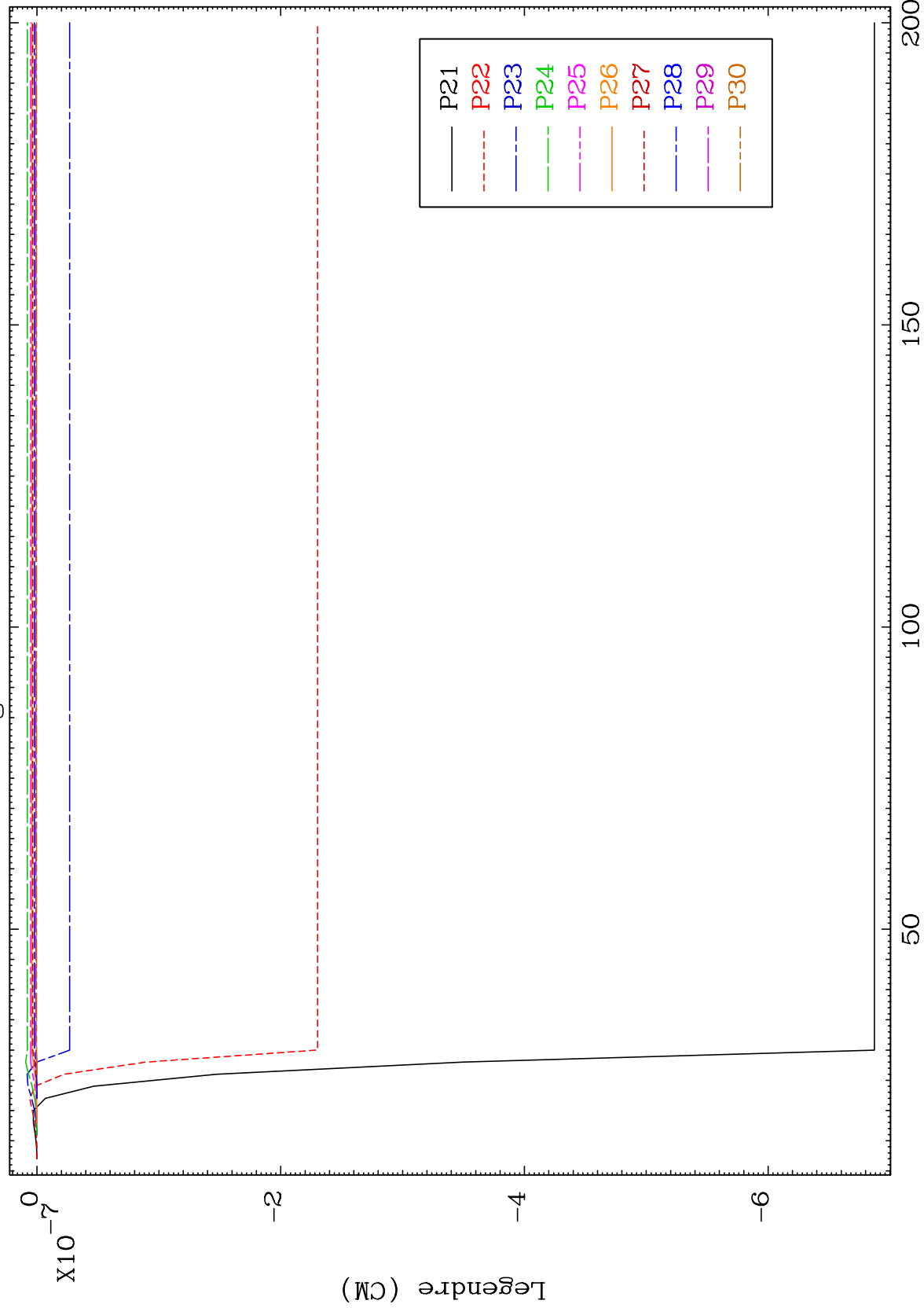
31-Ga-77



MAT 3149

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

31-Ga-77



101

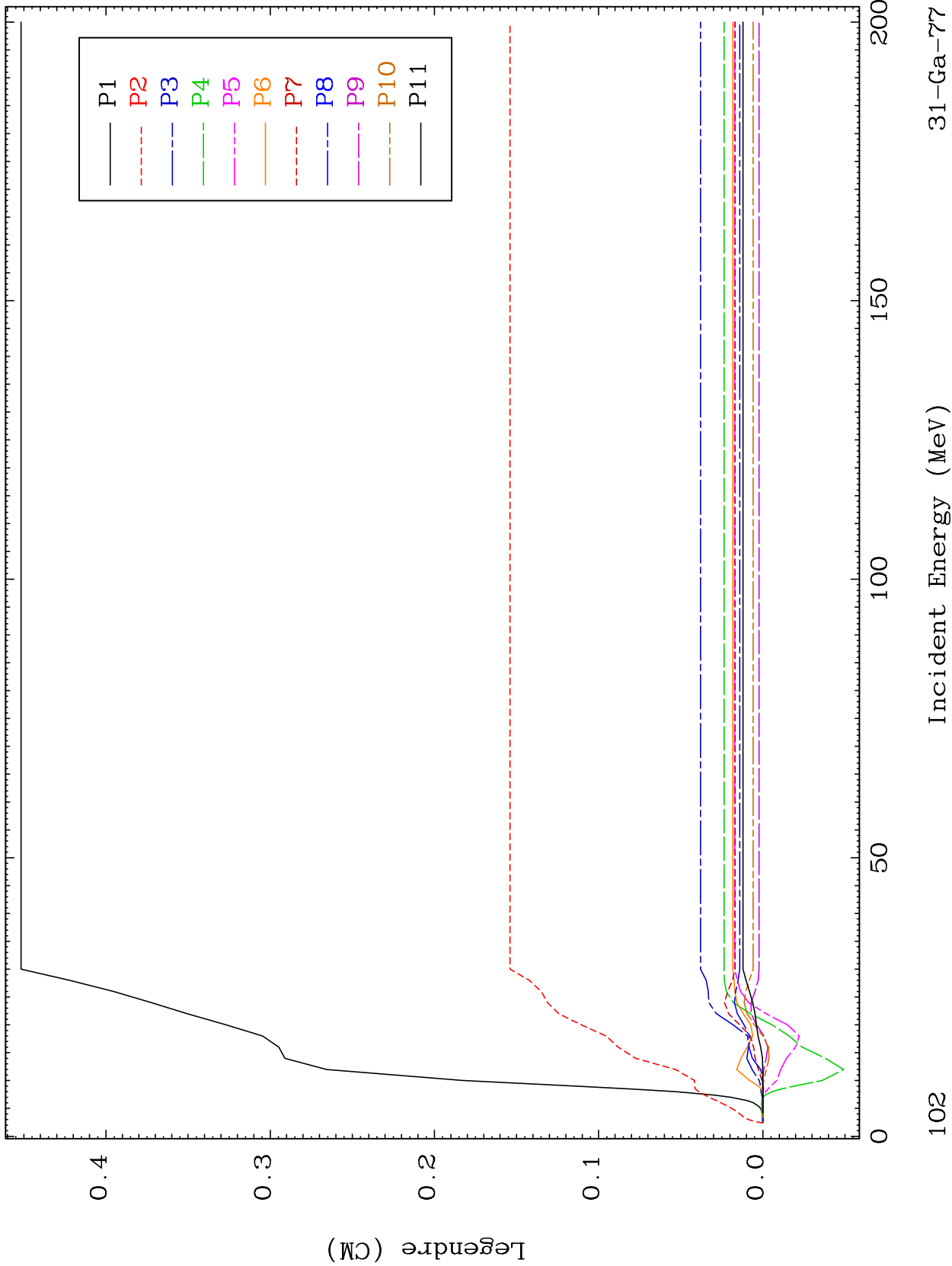
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77

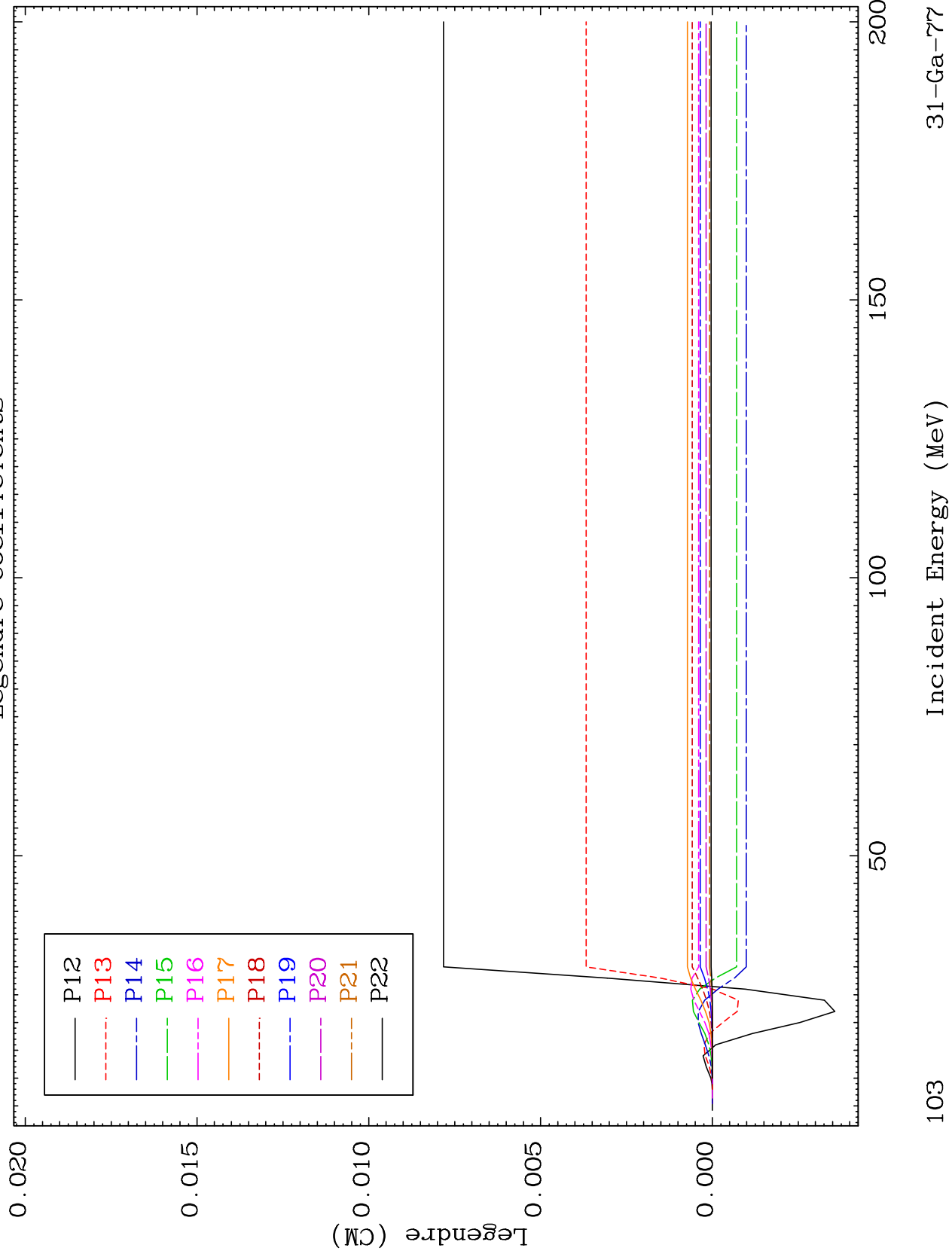


102

MAT 3149

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

31-Ga-77



103

31-Ga-77

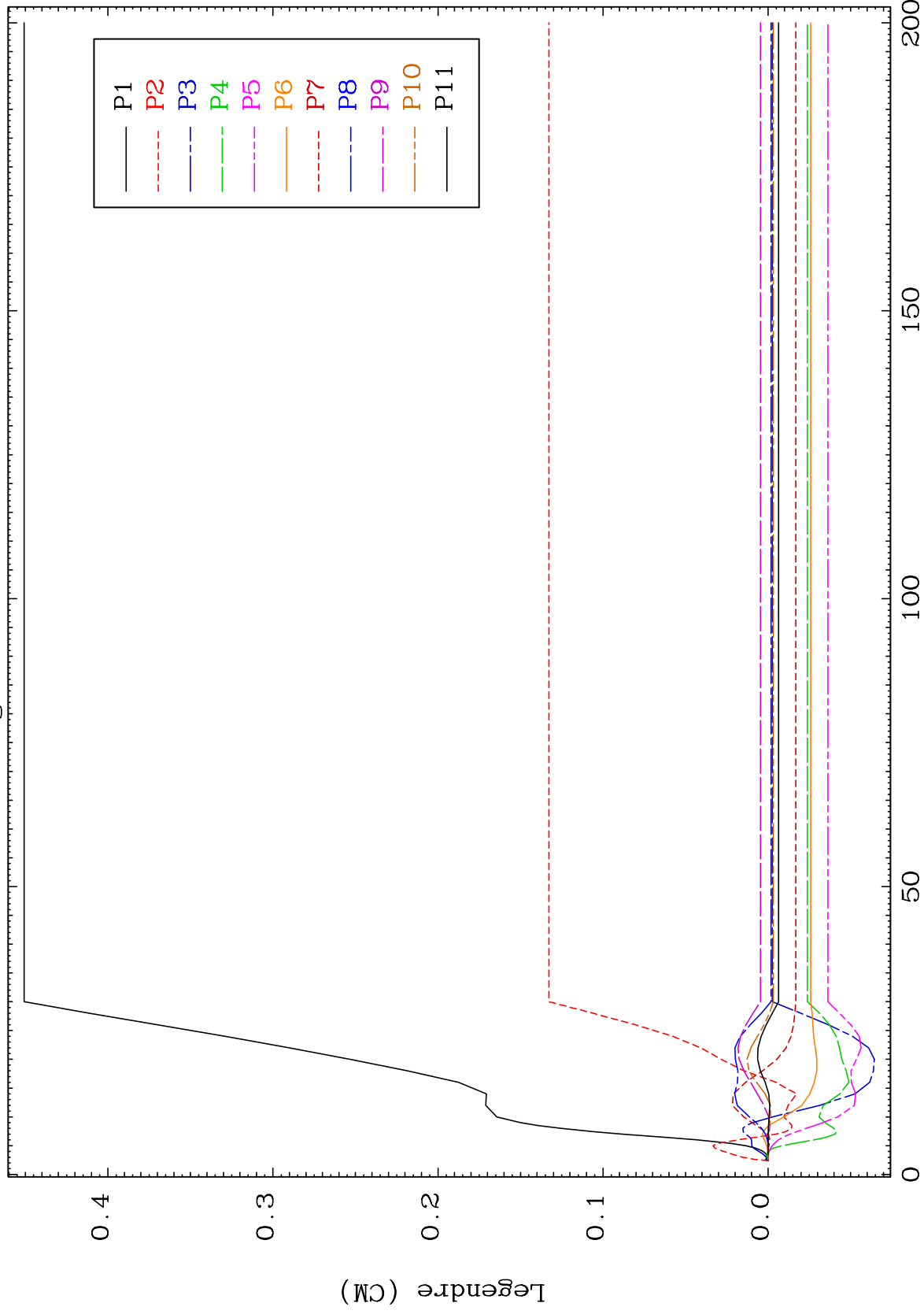




MAT 3149

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

31-Ga-77



105

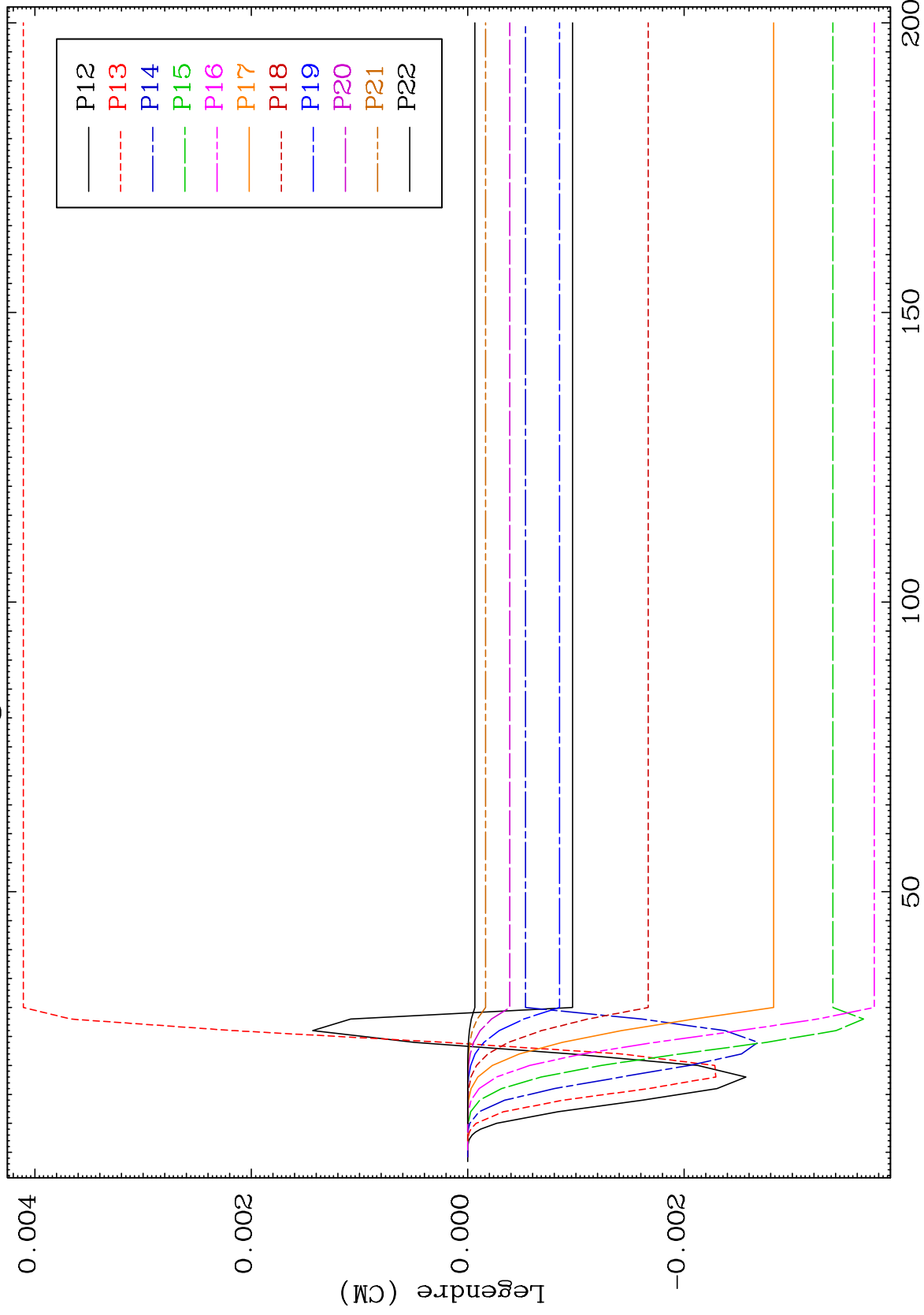
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



106

Incident Energy (MeV)

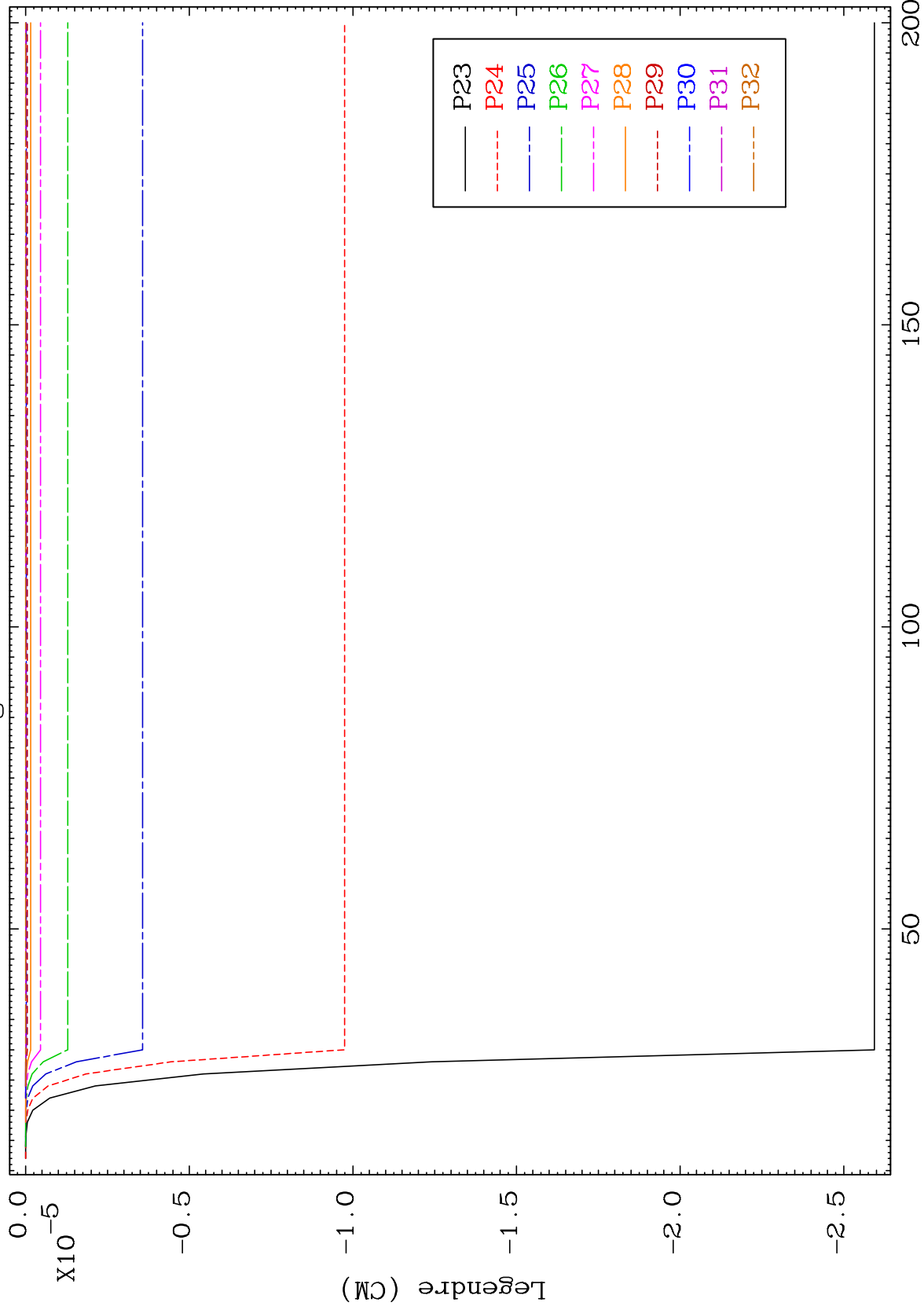
31-Ga-77

MAT 3149

MT= 75 (n,n') Level

31-Ga-77

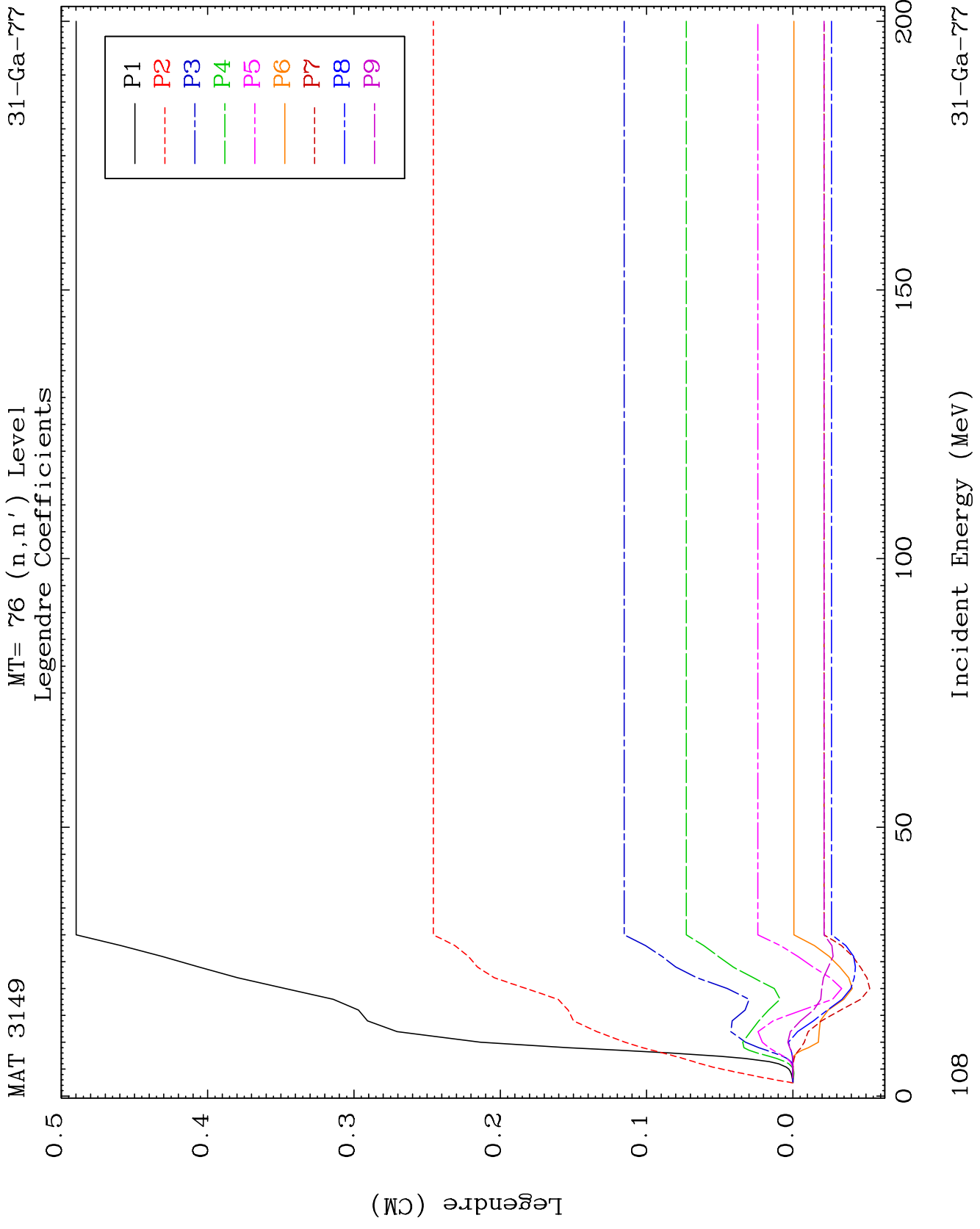
Legendre Coefficients



107

Incident Energy (MeV)

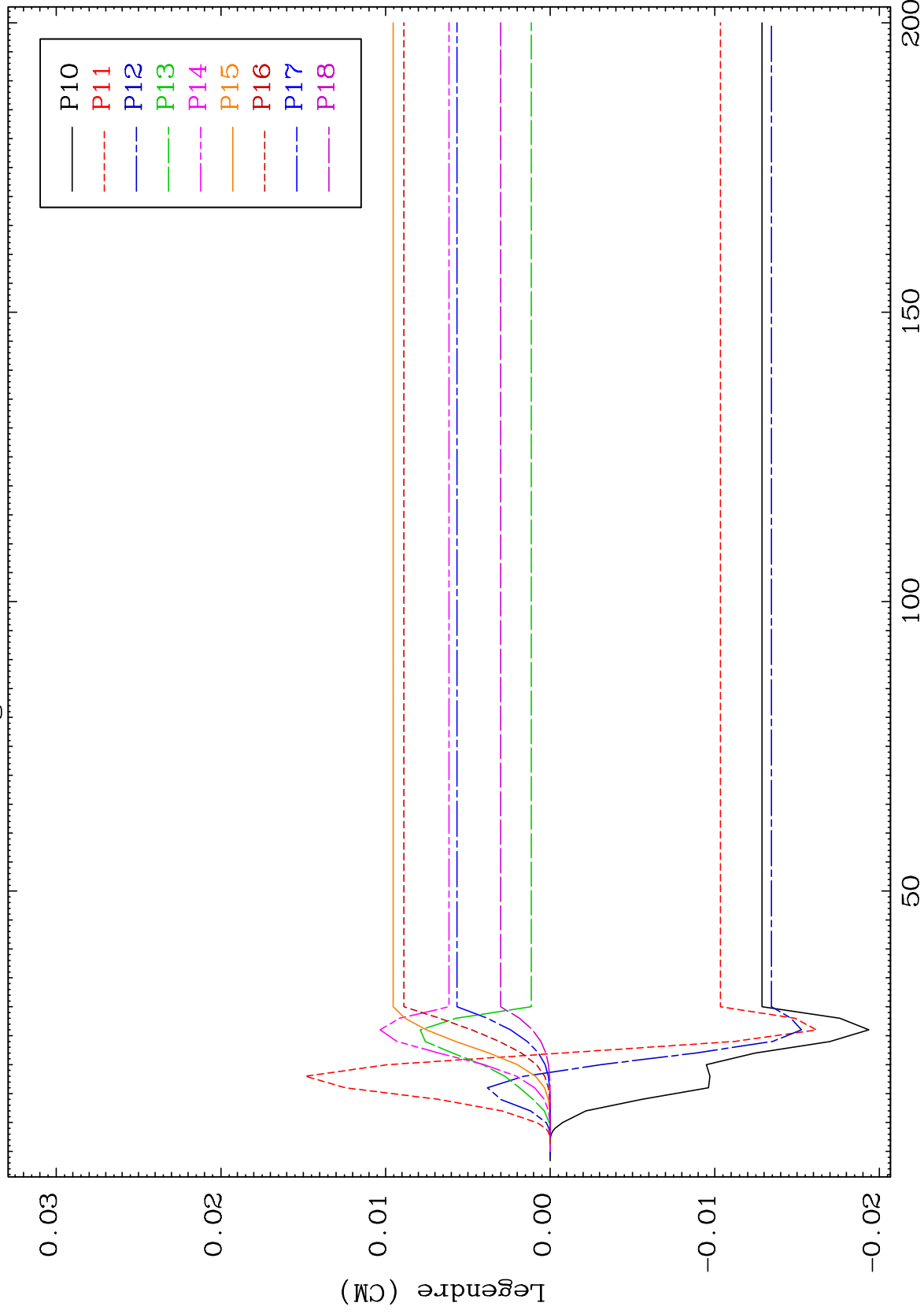
31-Ga-77



MAT 3149

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

<sup>31</sup>Ga-77



109

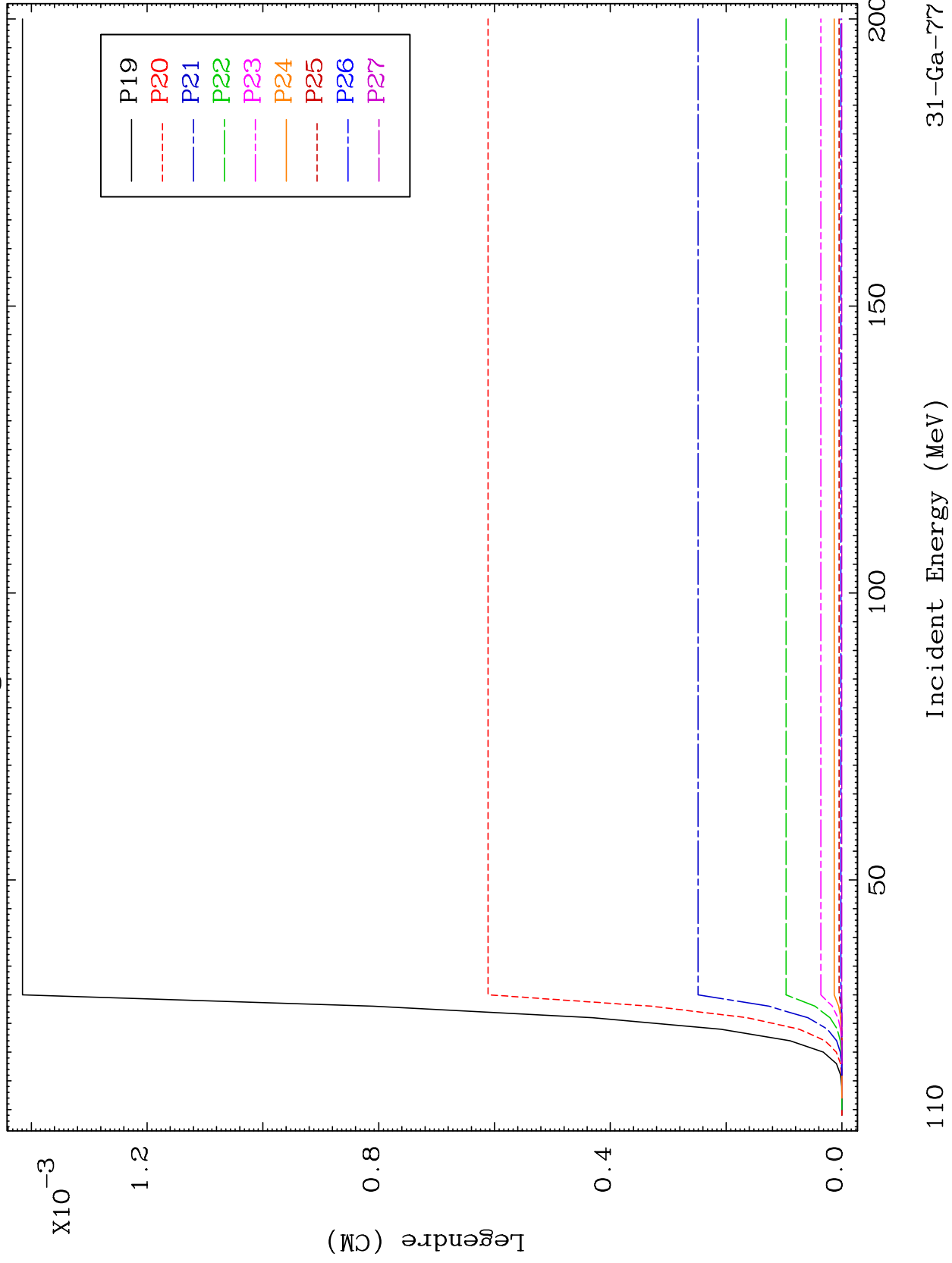
Incident Energy (MeV)

<sup>31</sup>Ga-77

MAT 3149

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

31-Ga-77



110

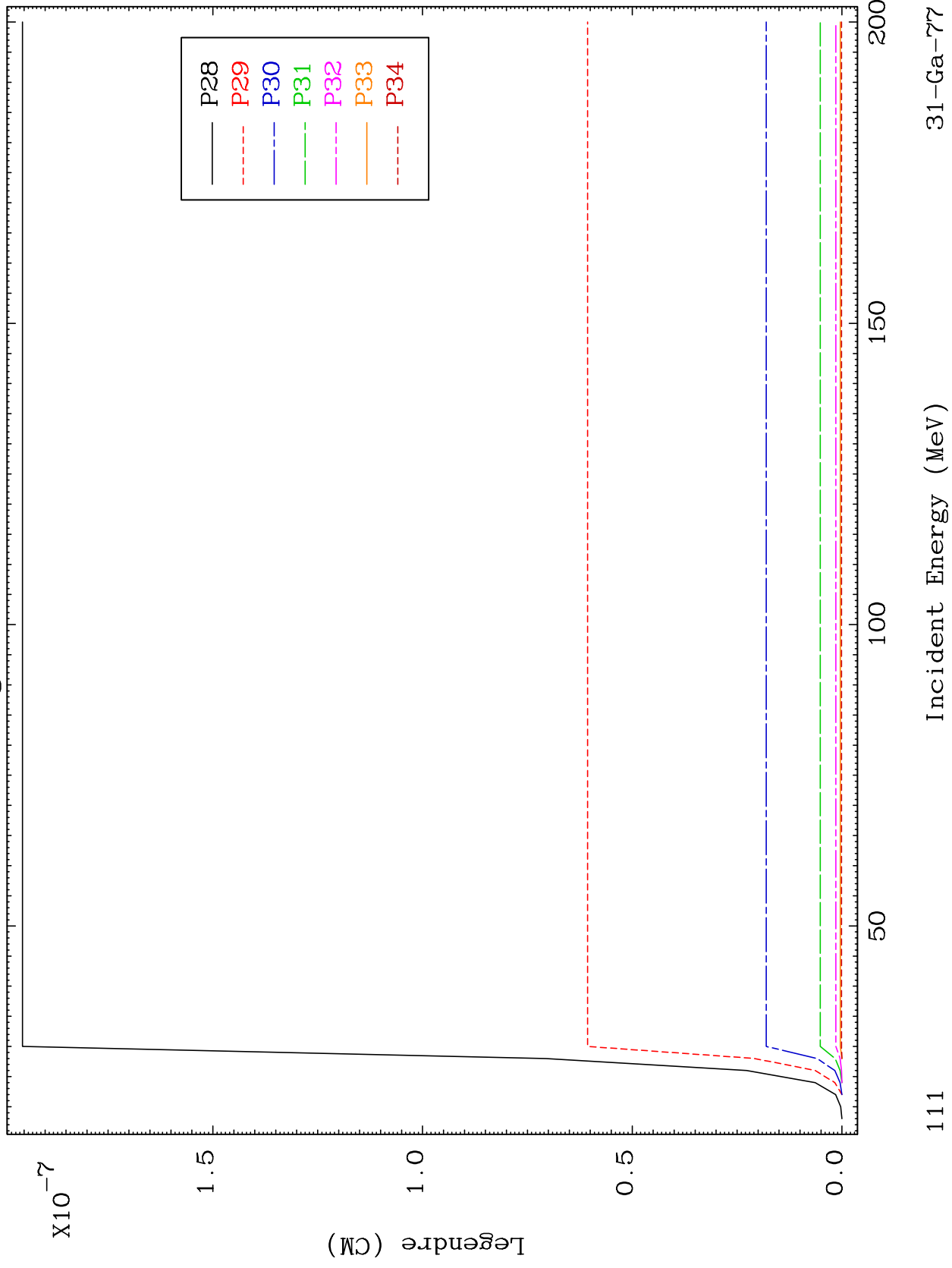
Incident Energy (MeV)

31-Ga-77

MAT 3149

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

31-Ga-77



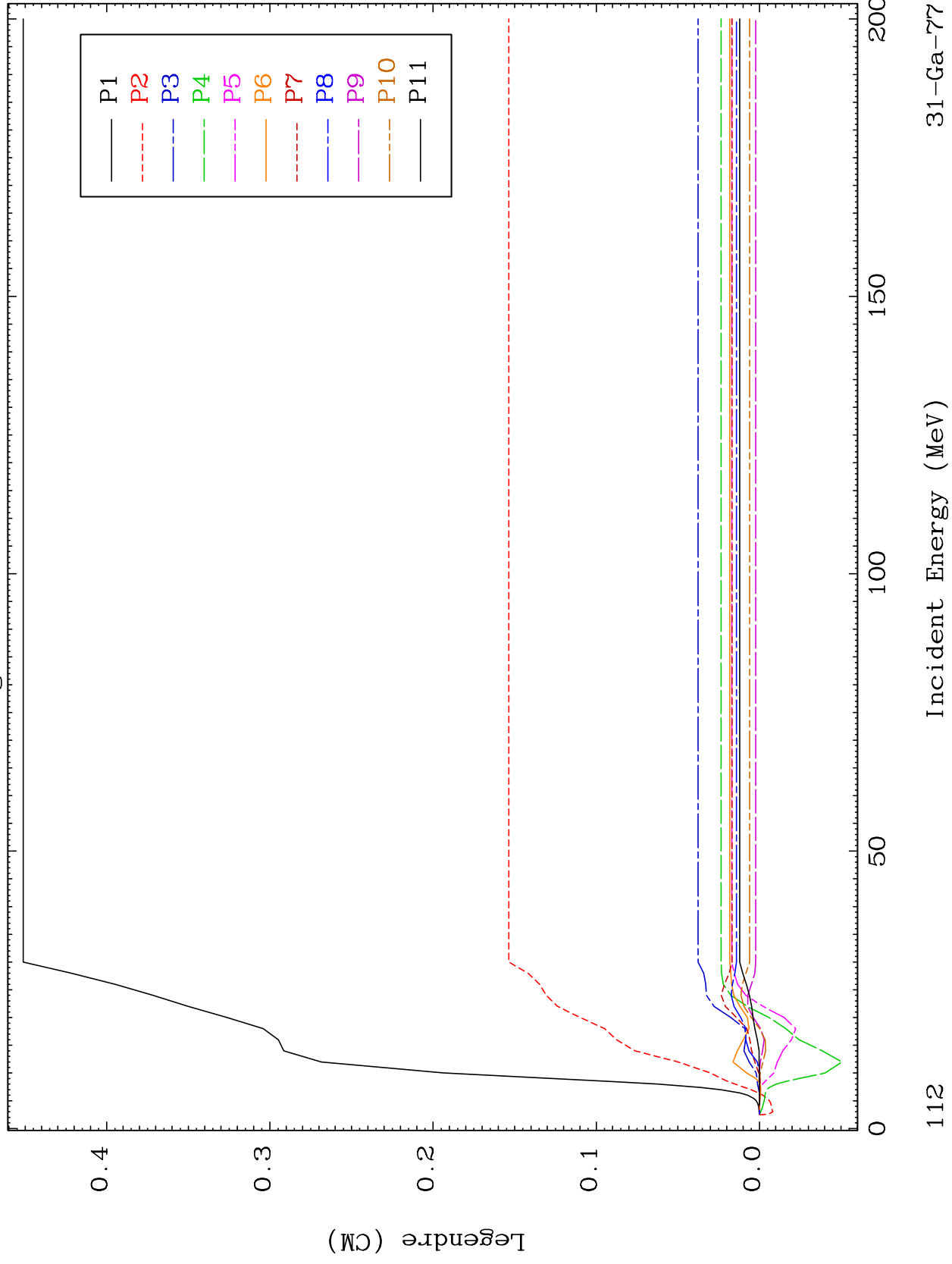
111



MAT 3149

MT= 77 (n,n') Level  
Legendre Coefficients

31-Ga-77



31-Ga-77

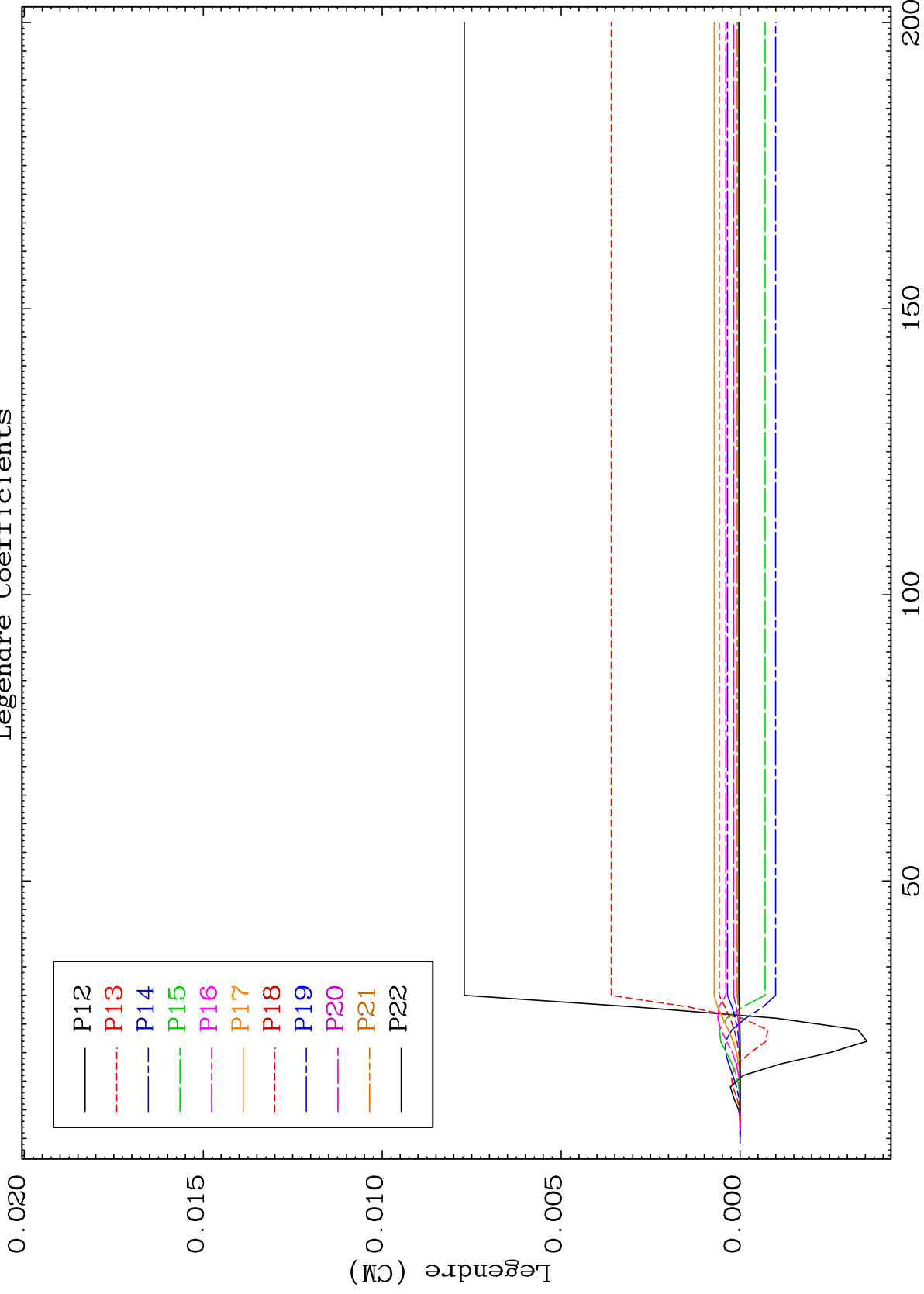
Incident Energy (MeV)

112

MAT 3149

MT= 77 (n,n') Level  
Legendre Coefficients

31-Ga-77



113

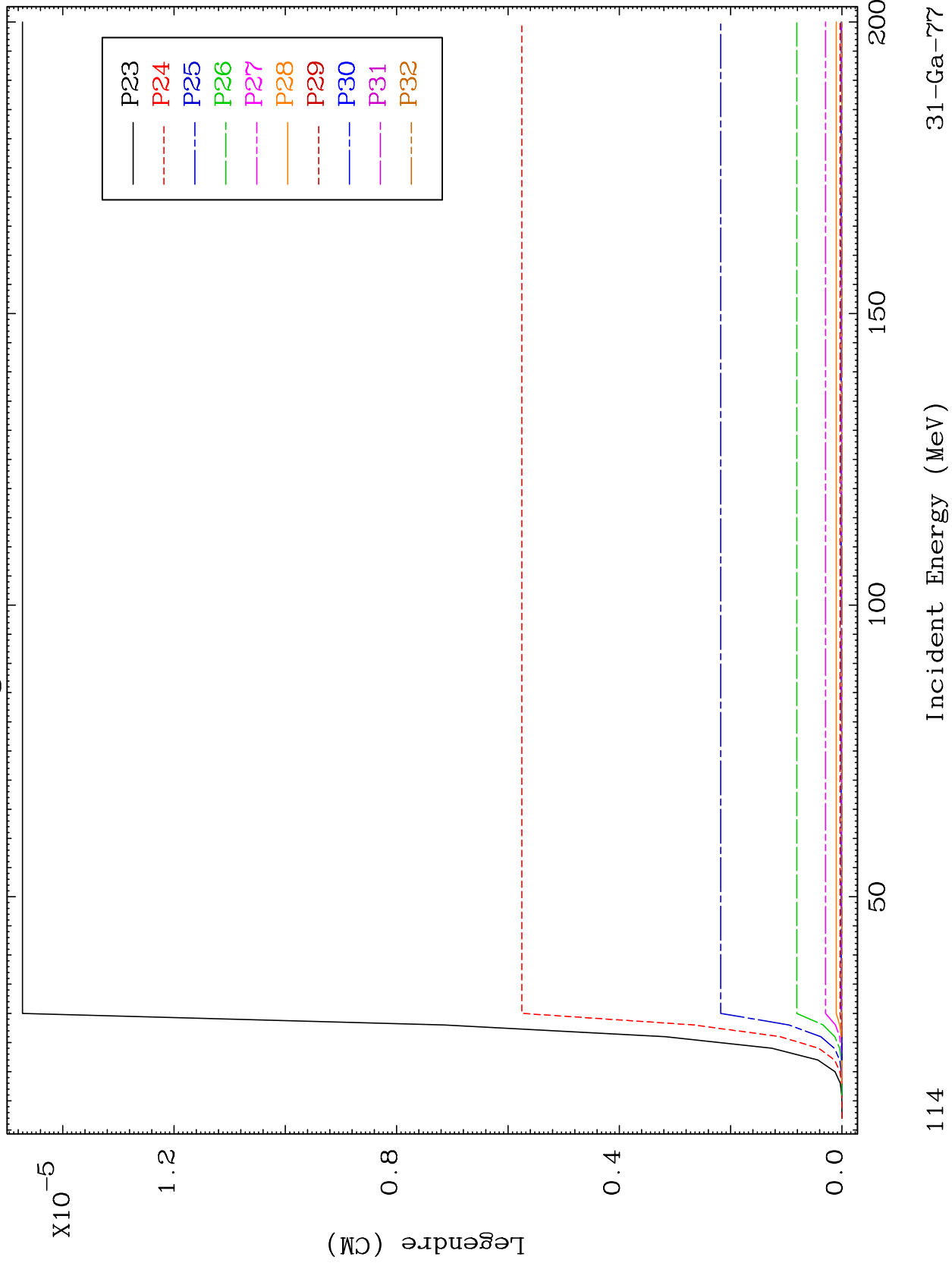
Incident Energy (MeV)

31-Ga-77

MAT 3149

MT= 77 (n,n') Level  
Legendre Coefficients

31-Ga-77



114

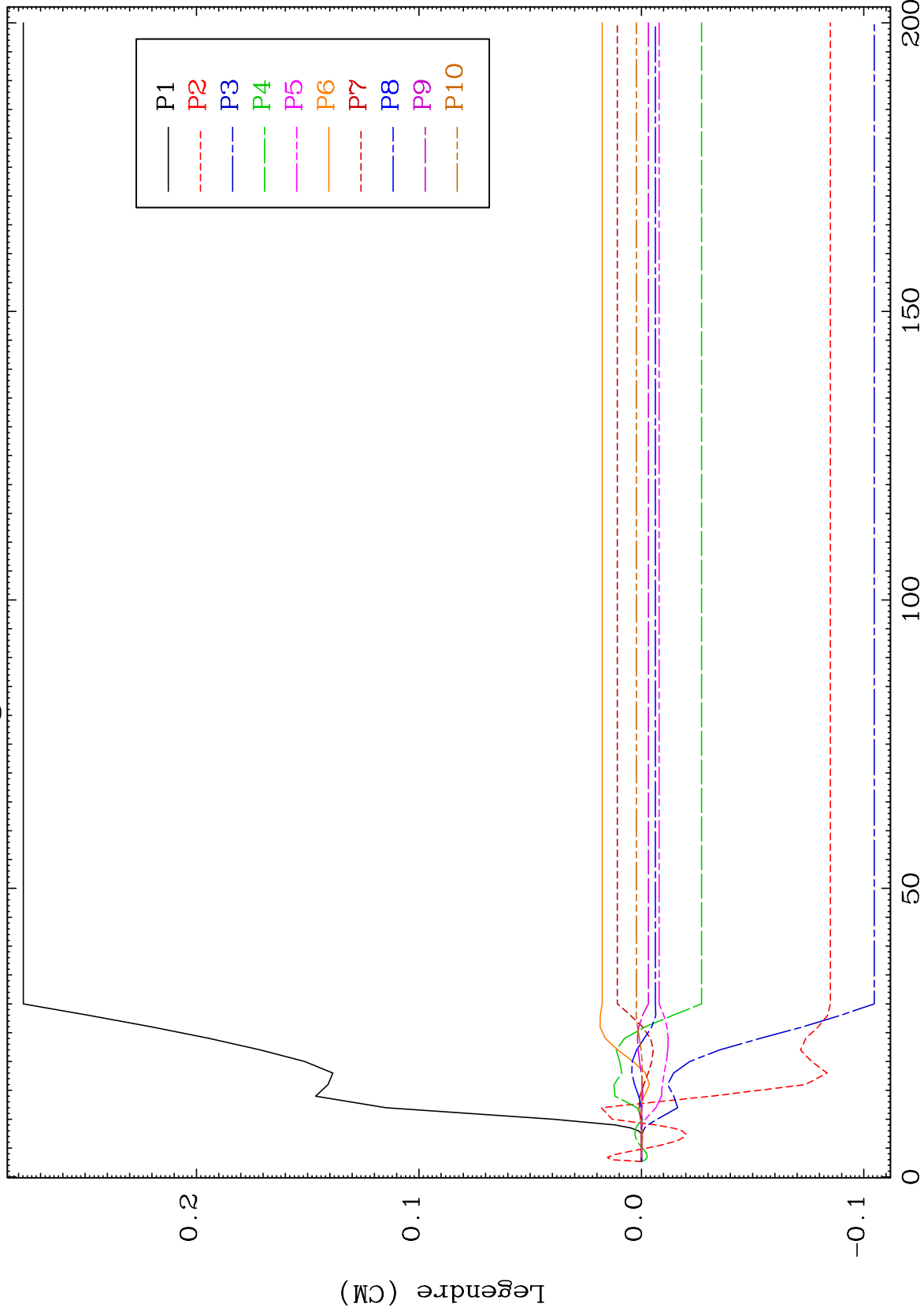
Incident Energy (MeV)

31-Ga-77

MAT 3149

MT= 78 (n,n') Level  
Legendre Coefficients

31-Ga-77



115

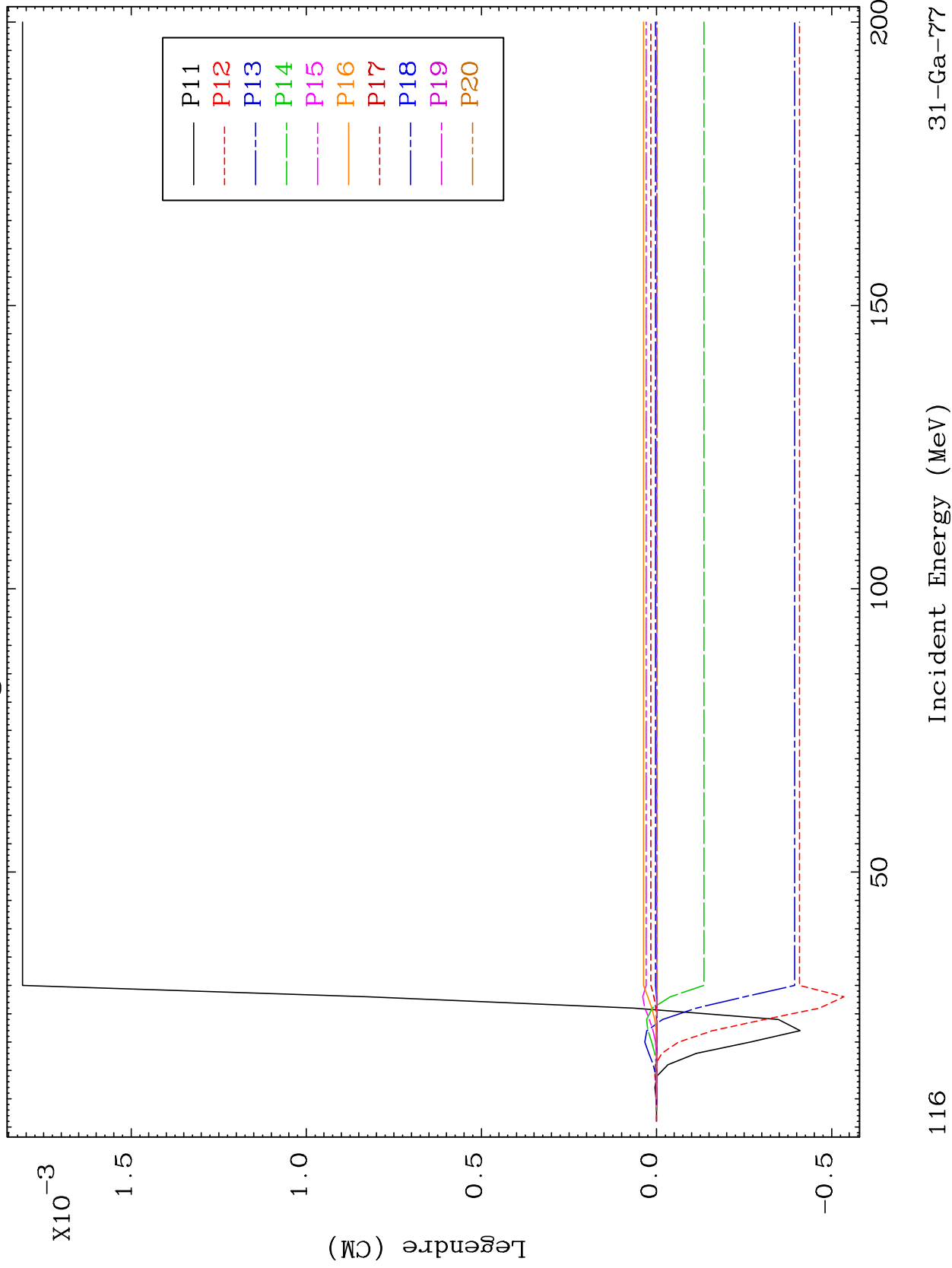
Incident Energy (MeV)

31-Ga-77

MAT 3149

MT= 78 (n,n') Level  
Legendre Coefficients

31-Ga-77



116

Incident Energy (MeV)

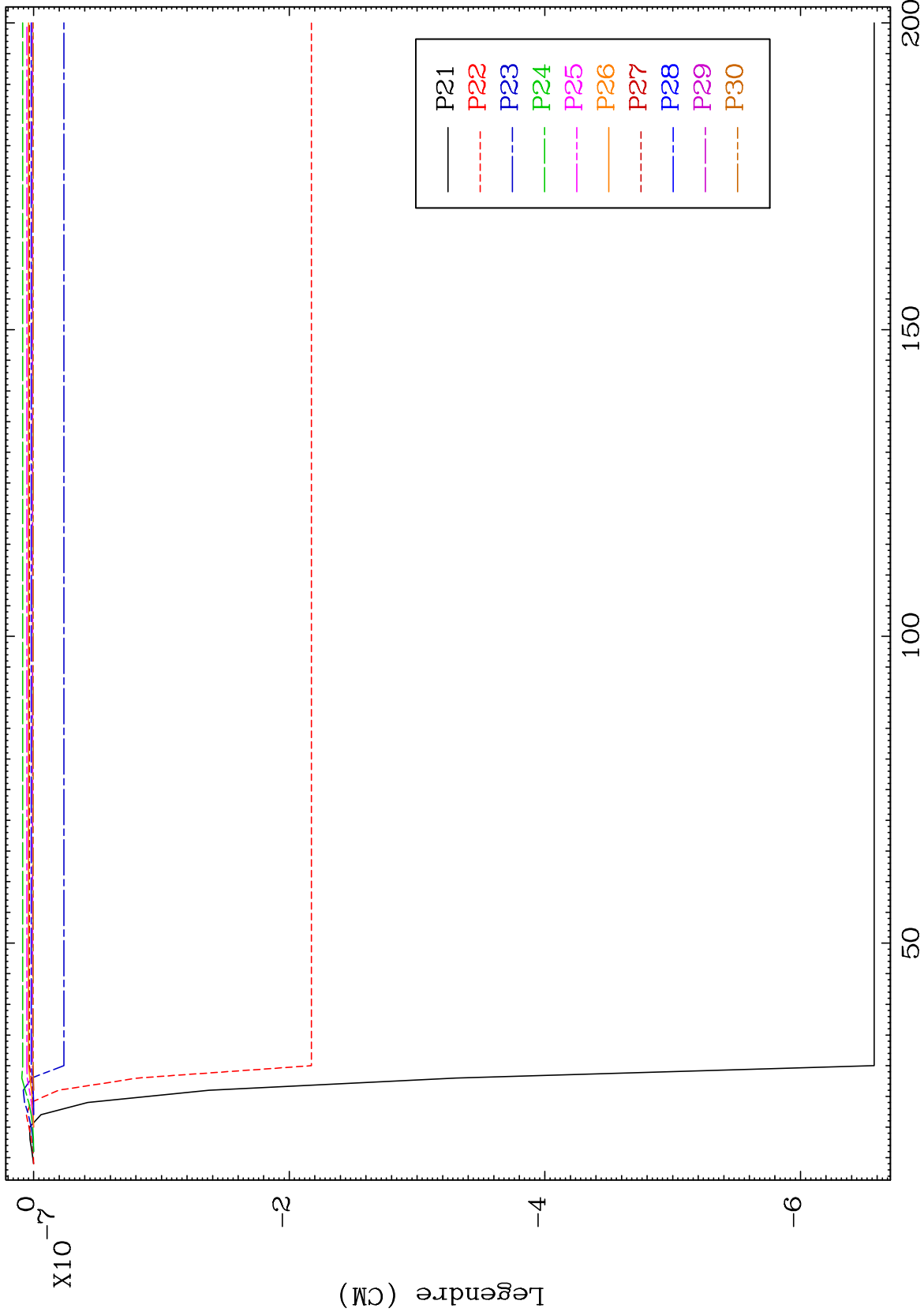
31-Ga-77

MAT 3149

MT= 78 (n,n') Level

31-Ga-77

Legendre Coefficients



117

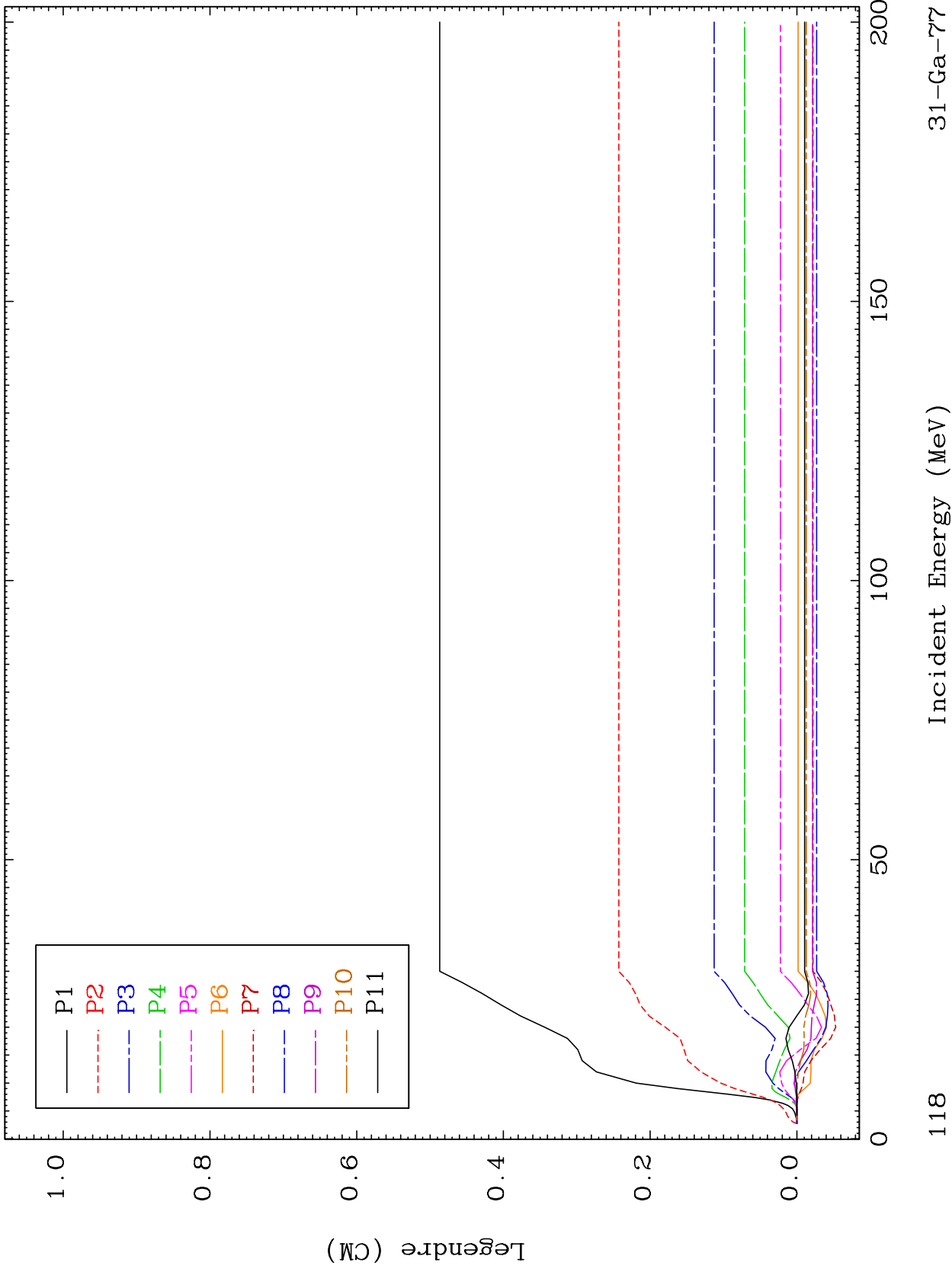
Incident Energy (MeV)

31-Ga-77

MAT 3149

MT= 79 (n,n') Level  
Legendre Coefficients

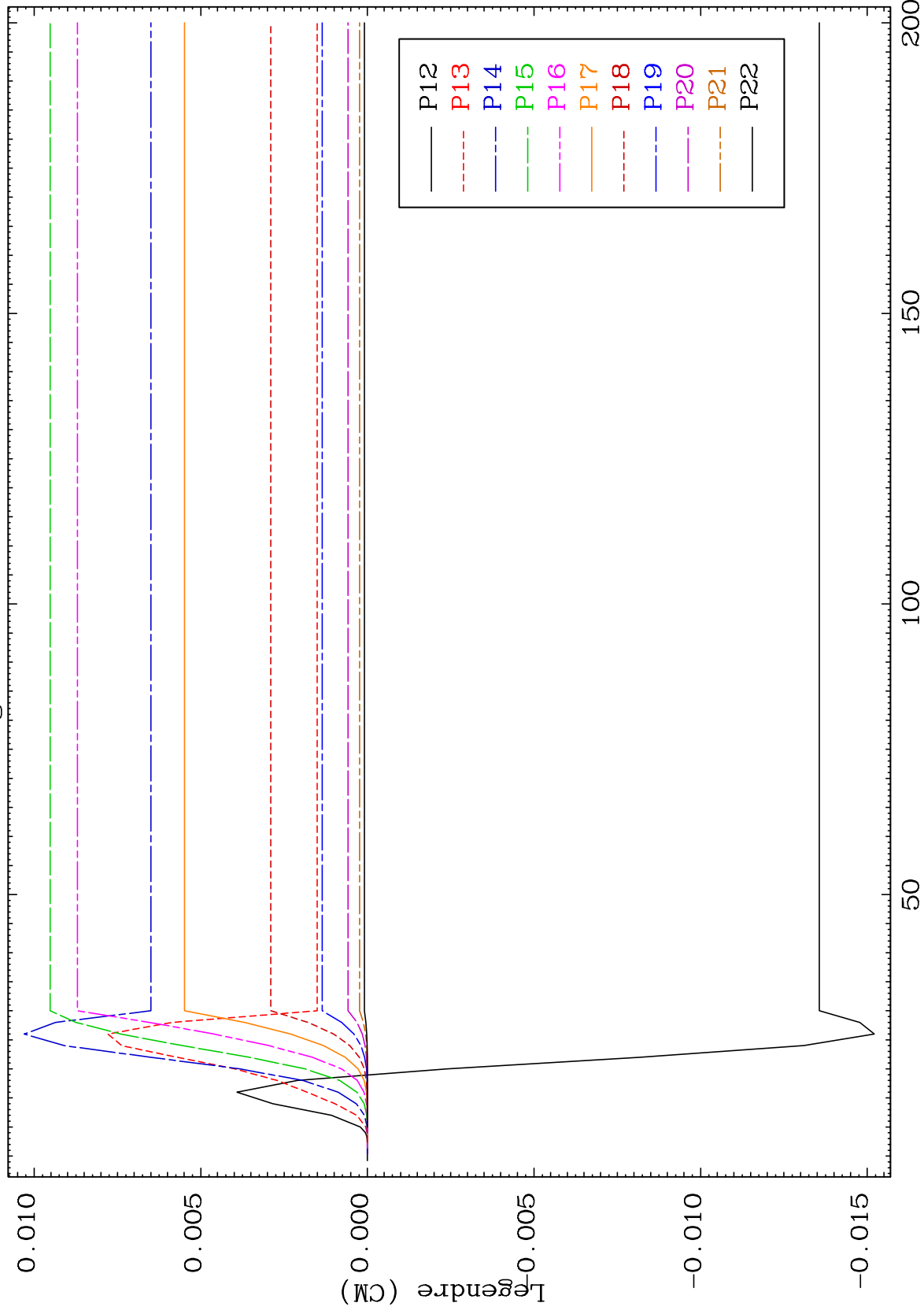
31-Ga-77



MAT 3149

MT= 79 (n,n') Level  
Legendre Coefficients

31-Ga-77



119

Incident Energy (MeV)

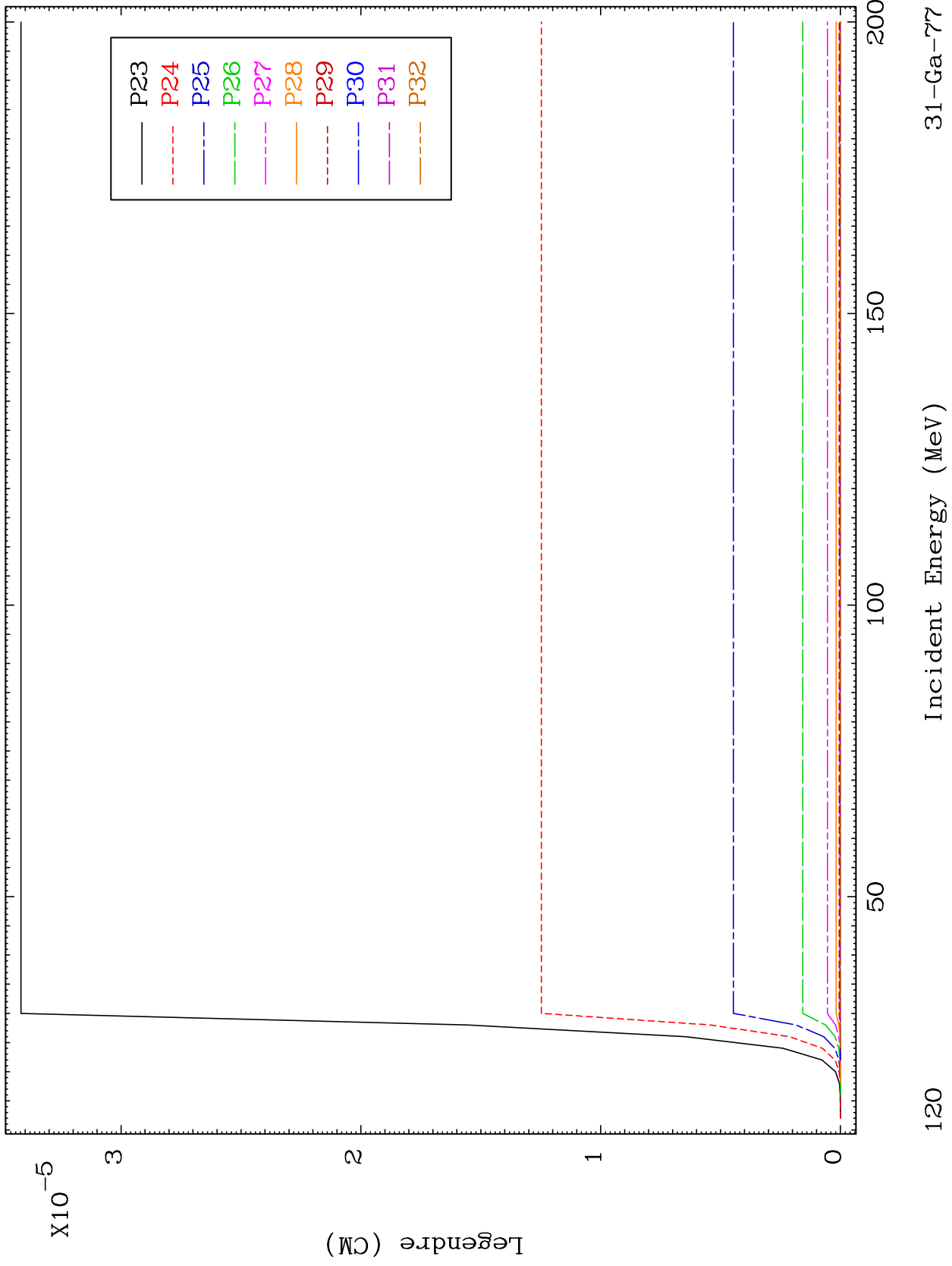
31-Ga-77

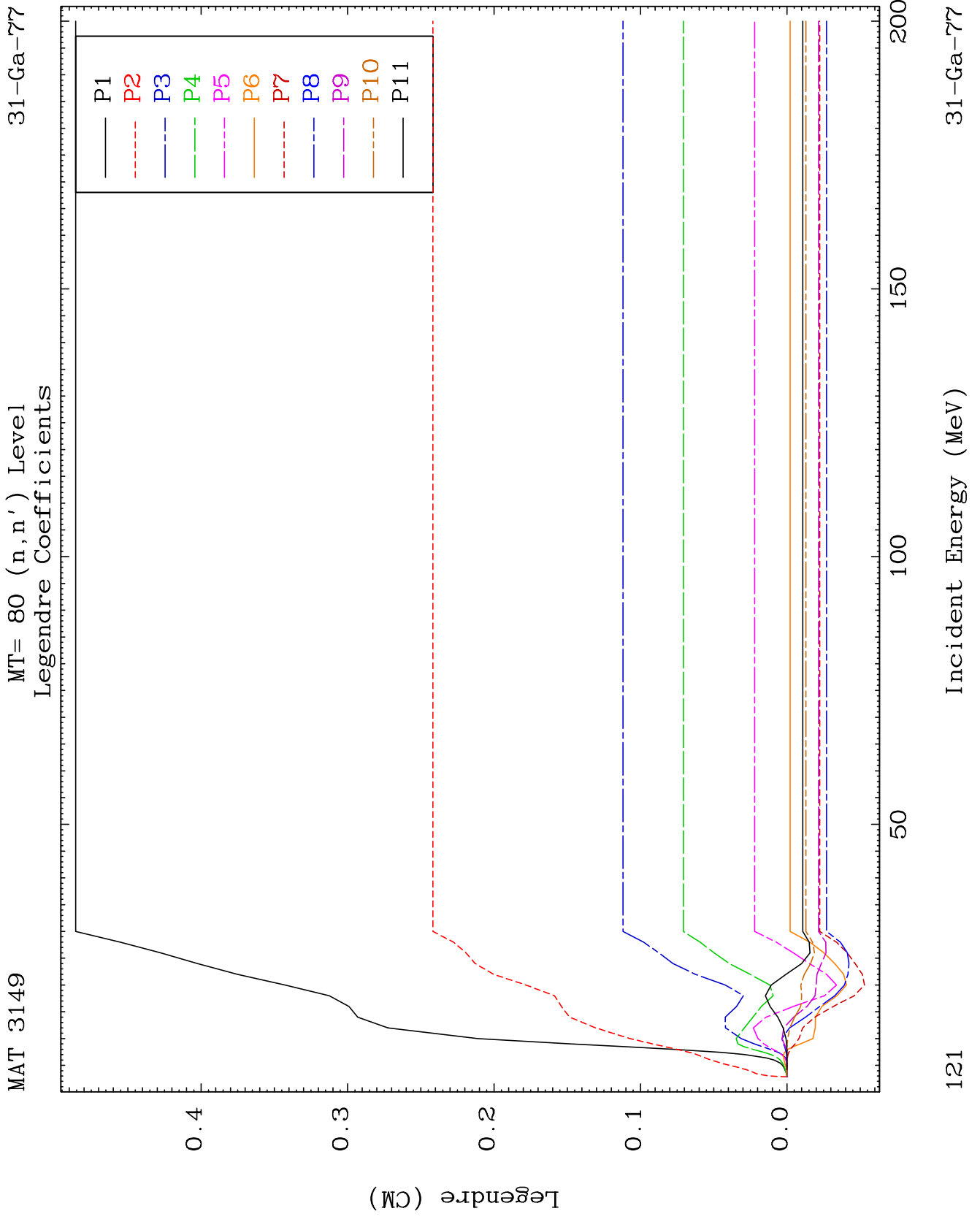


MAT 3149

MT= 79 (n,n') Level  
Legendre Coefficients

31-Ga-77

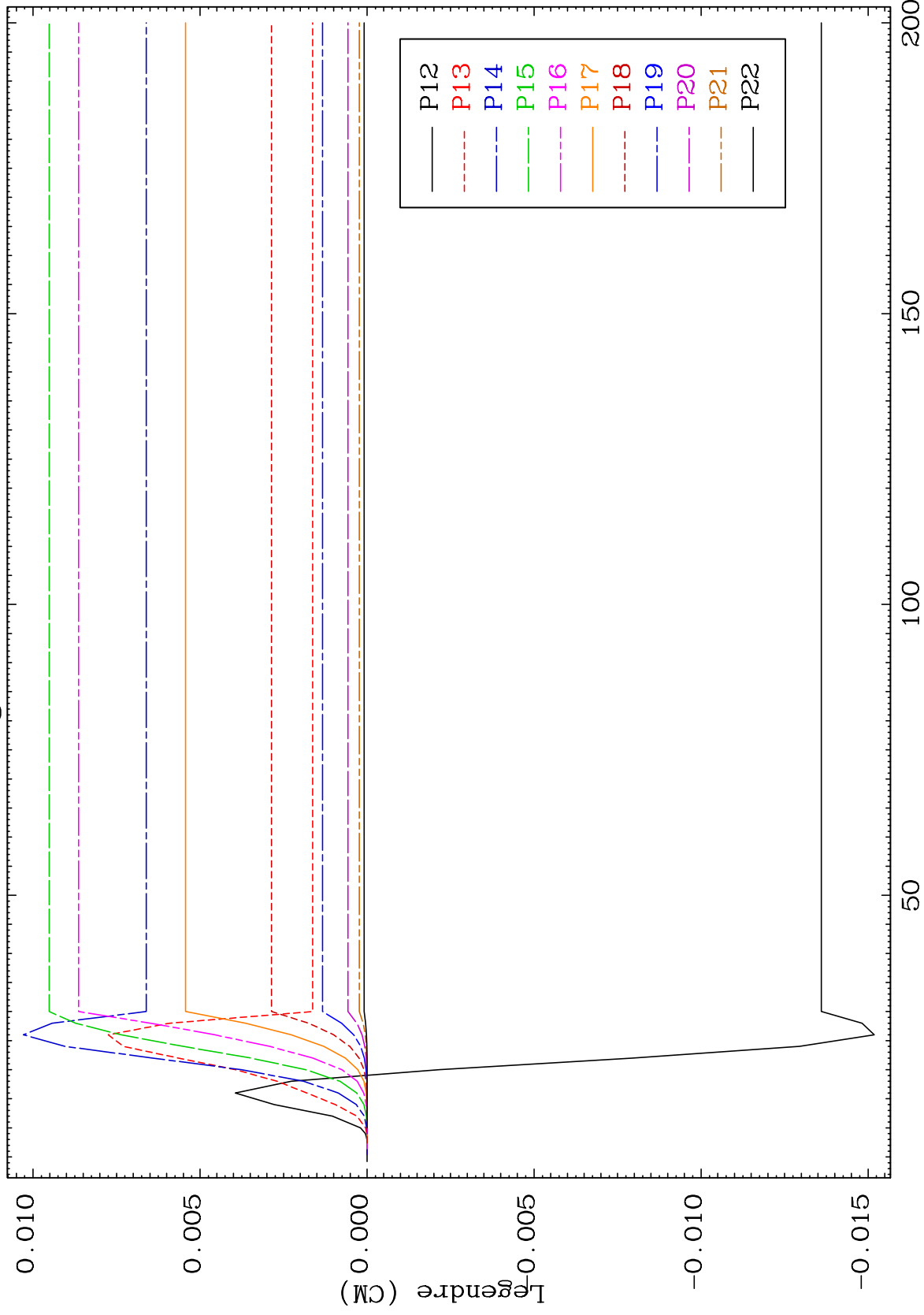




MAT 3149

MT= 80 (n,n') Level  
Legendre Coefficients

31-Ga-77



122

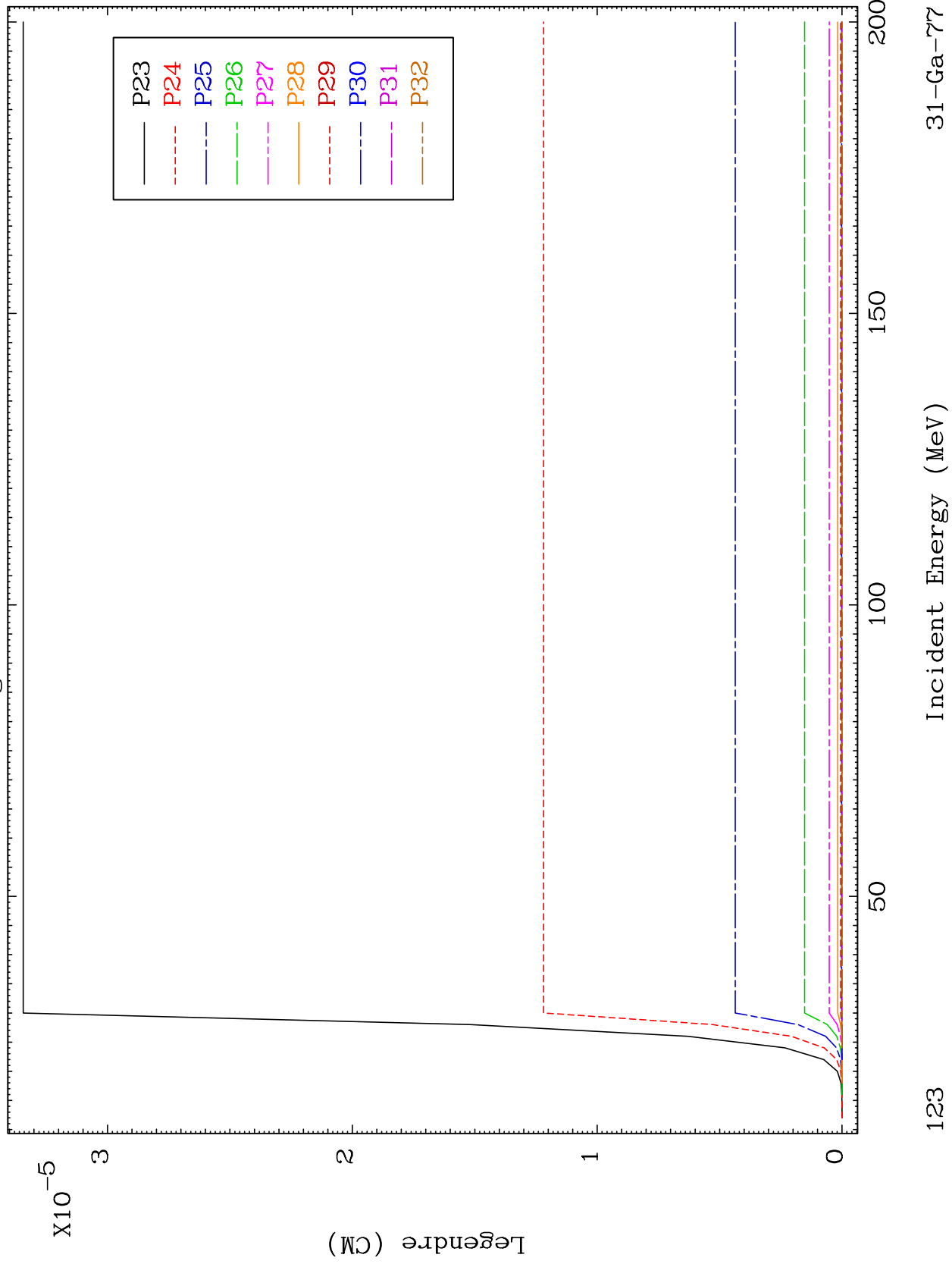
Incident Energy (MeV)

31-Ga-77

MAT 3149

MT= 80 (n,n') Level  
Legendre Coefficients

31-Ga-77



123

Incident Energy (MeV)

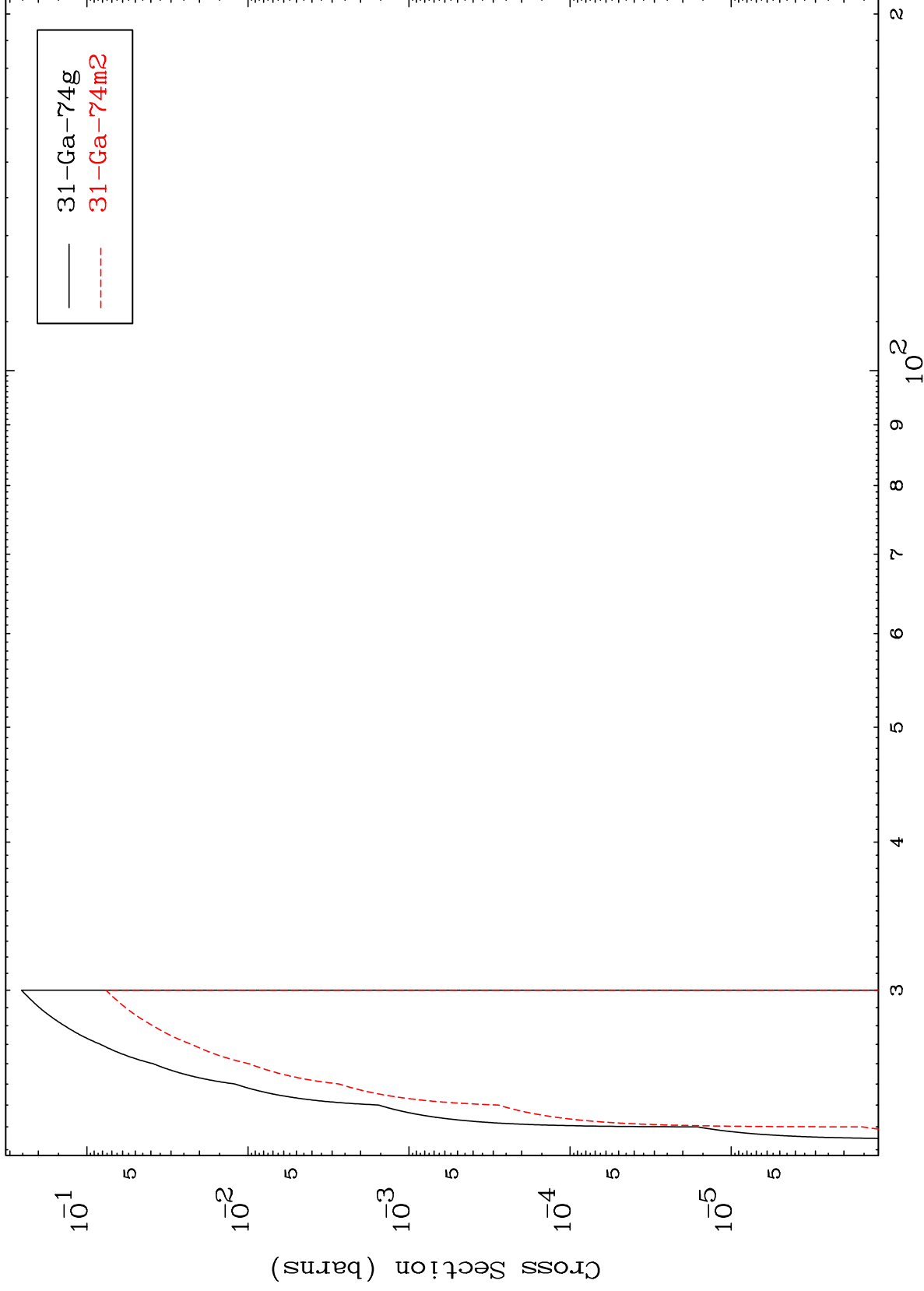
31-Ga-77

MAT 3149

(n,4n)

<sup>31</sup>Ga-77

Radionuclide Production Cross Section



124

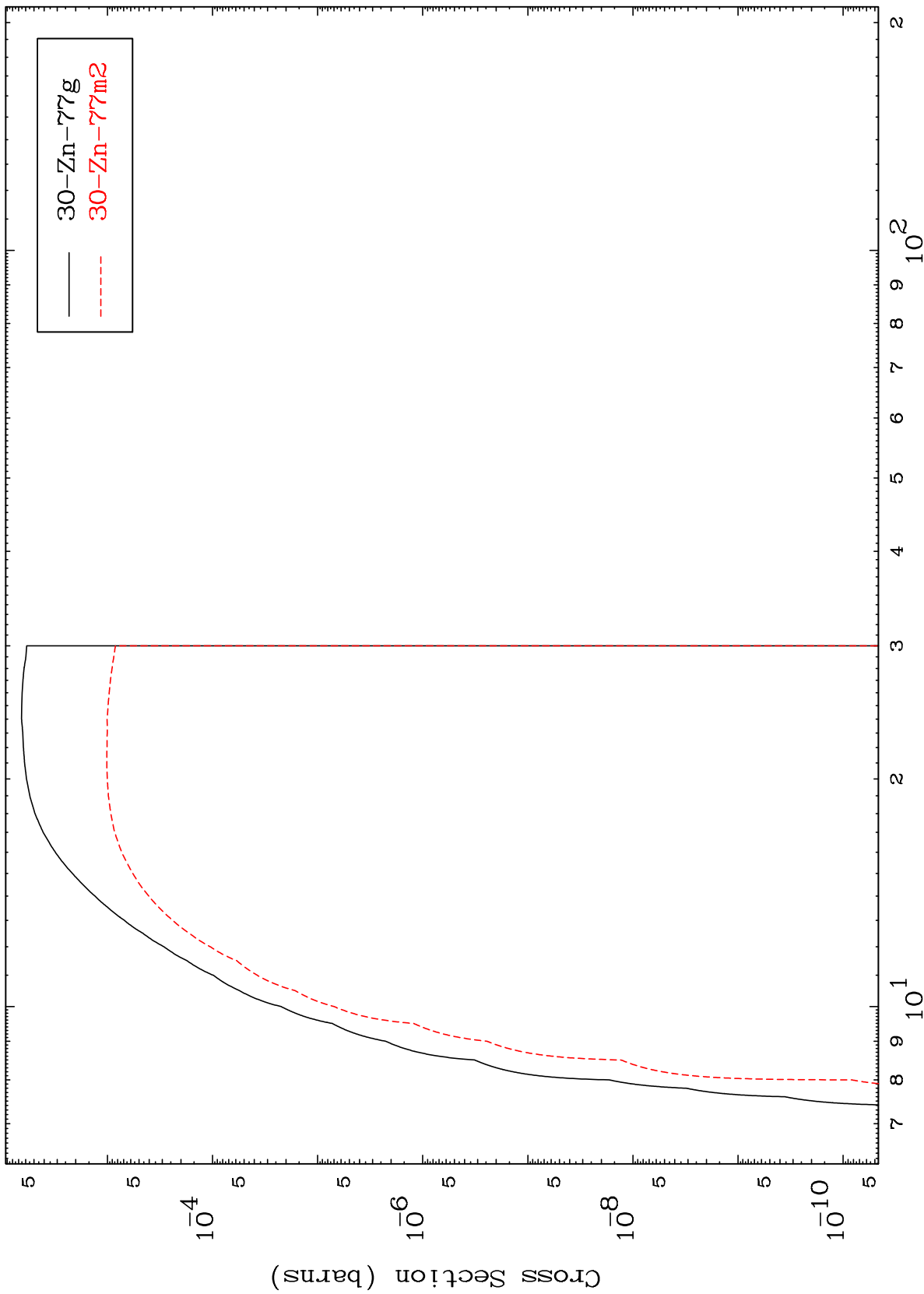
Incident Energy (MeV)

<sup>31</sup>Ga-77

MAT 3149

31-Ga-77

(n,p)  
Radionuclide Production Cross Section



125

Incident Energy (MeV)

31-Ga-77