

Program EVALPLOT  
(Version 2021-1)

by

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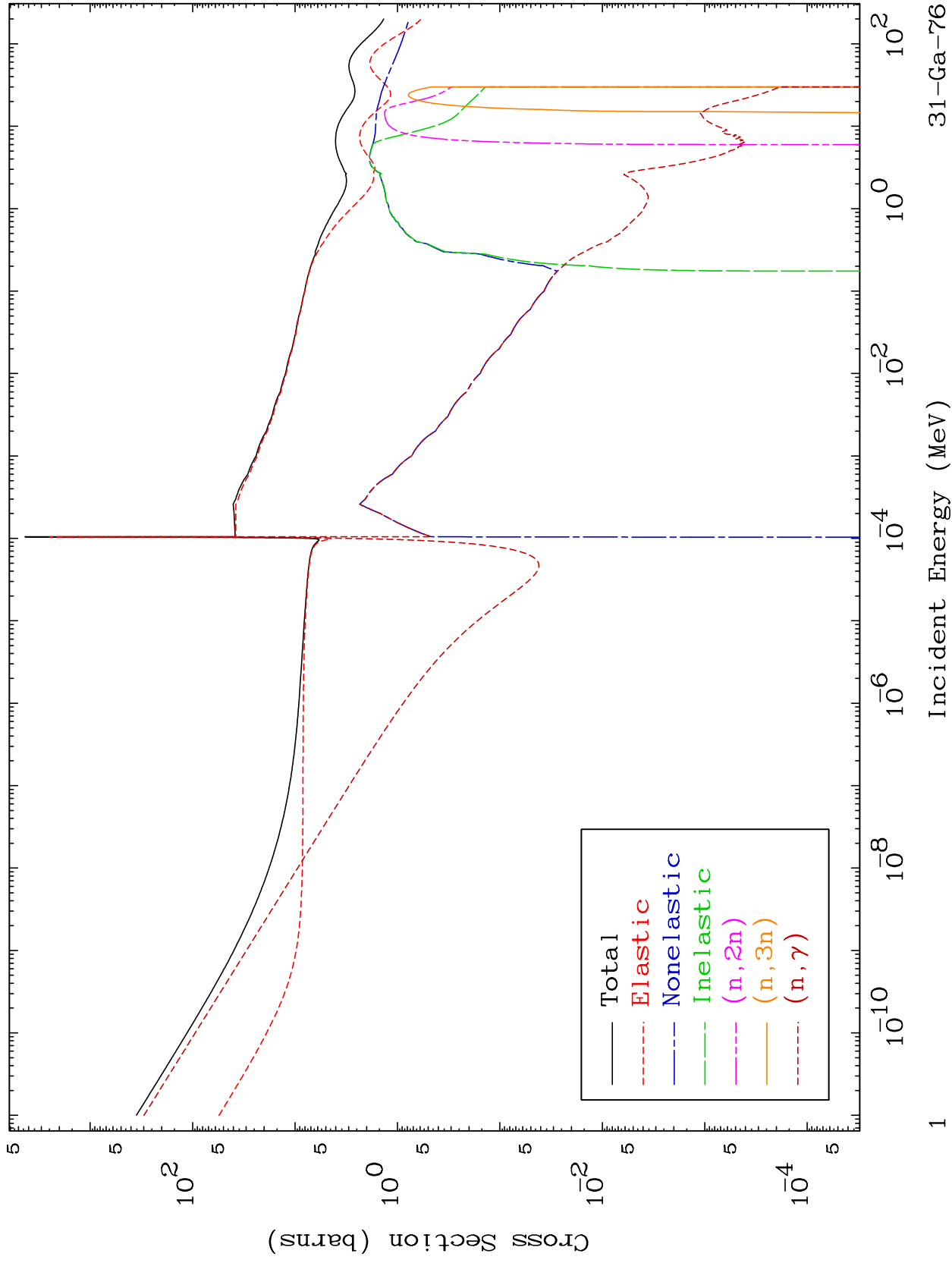
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Press Mouse Button to Start

MAT 3146

Neutron Major  
293 Kelvin Cross Sections

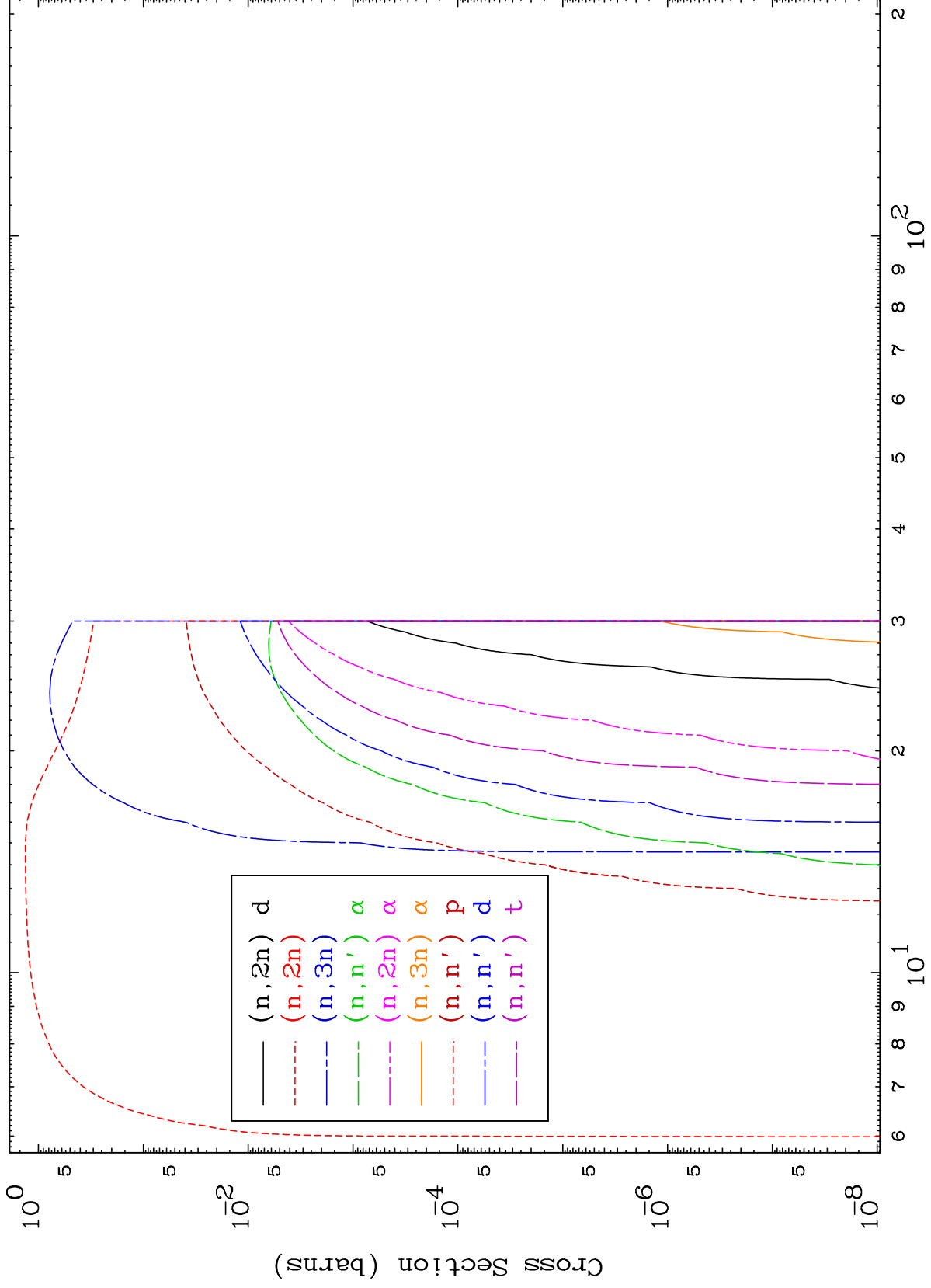
31-Ga-76



MAT 3146

Neutron Absorption  
293 Kelvin Cross Sections

31-Ga-76



2

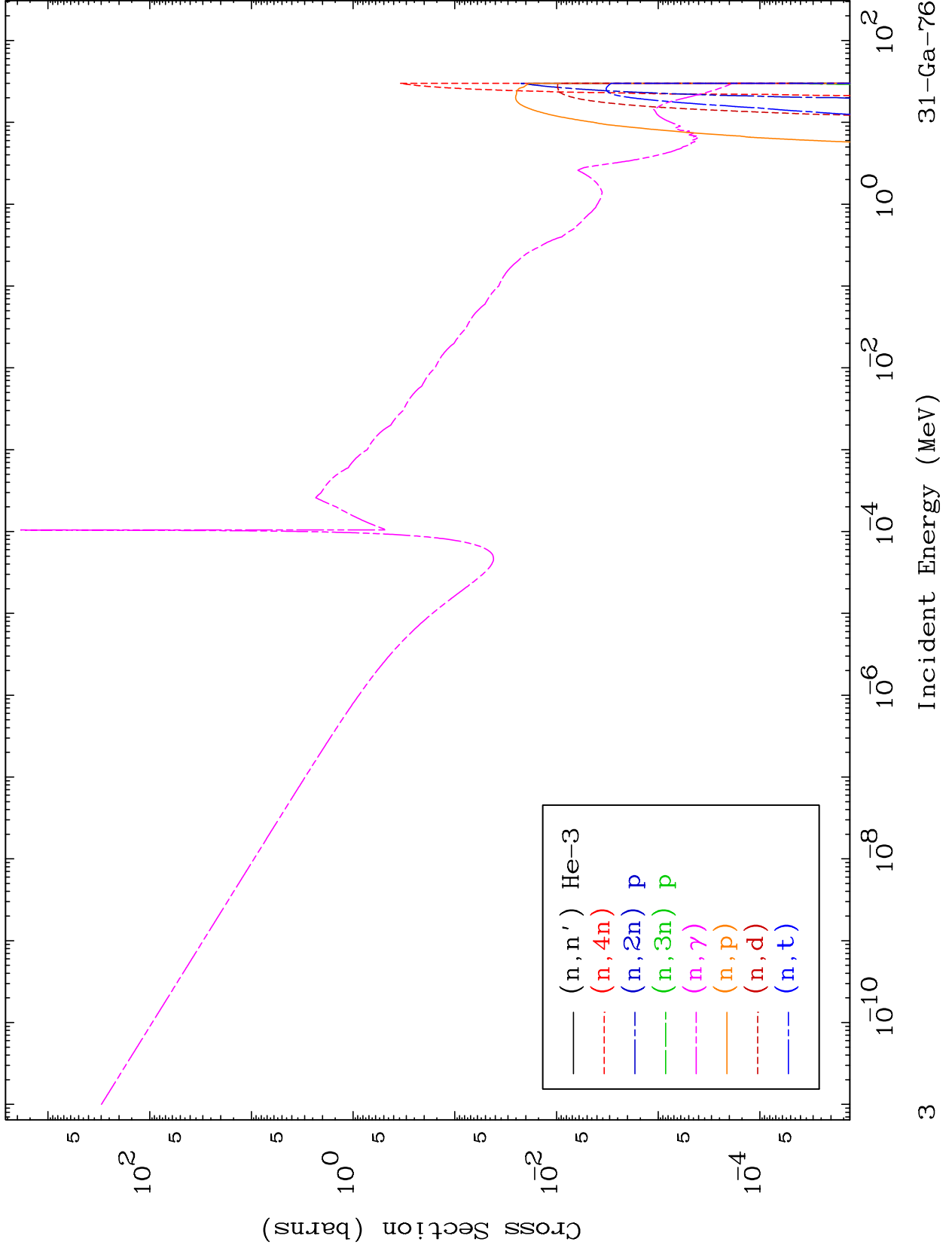
Incident Energy (MeV)

31-Ga-76

MAT 3146

Neutron Absorption  
293 Kelvin Cross Sections

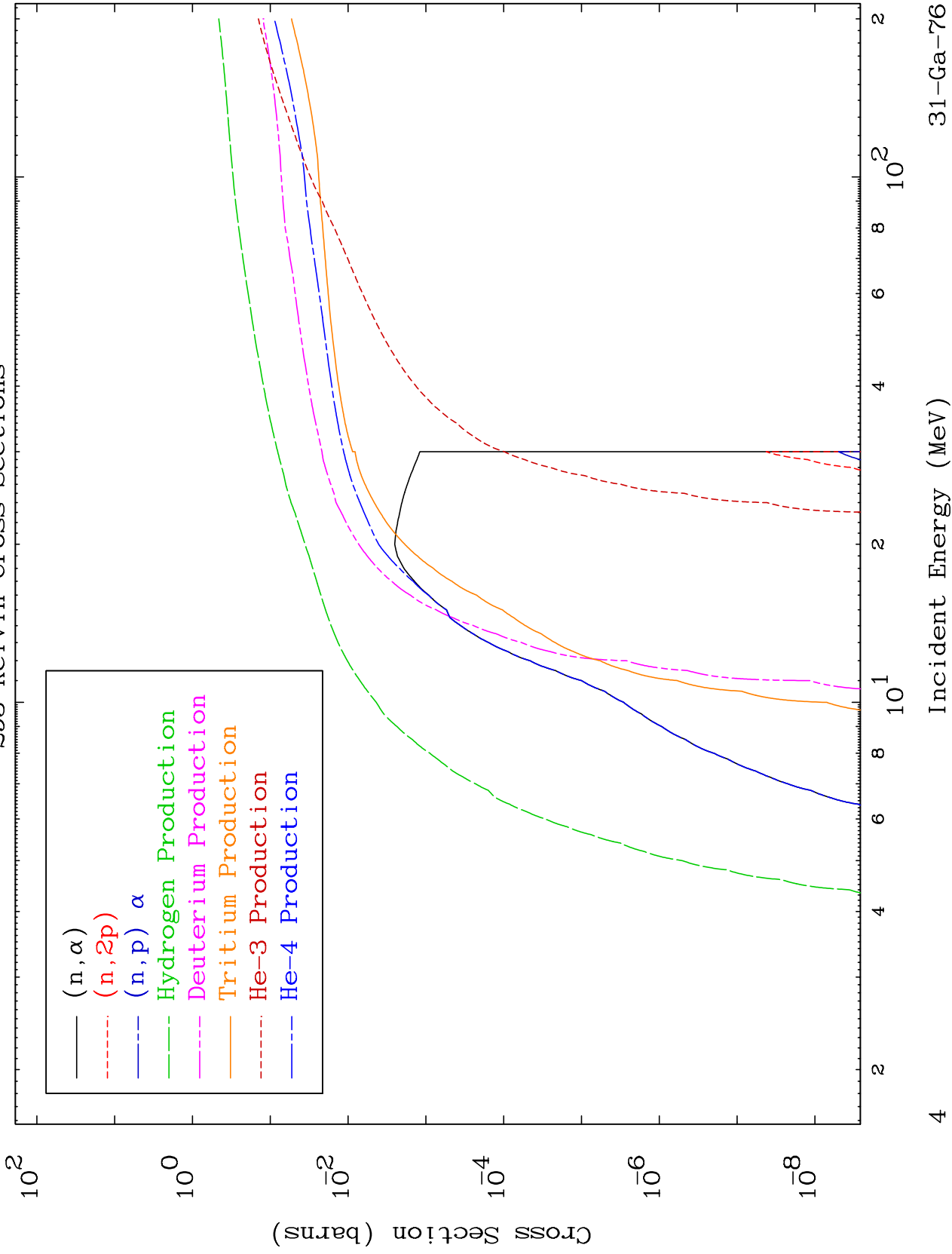
31-Ga-76



MAT 3146

Neutron Absorption  
293 Kelvin Cross Sections

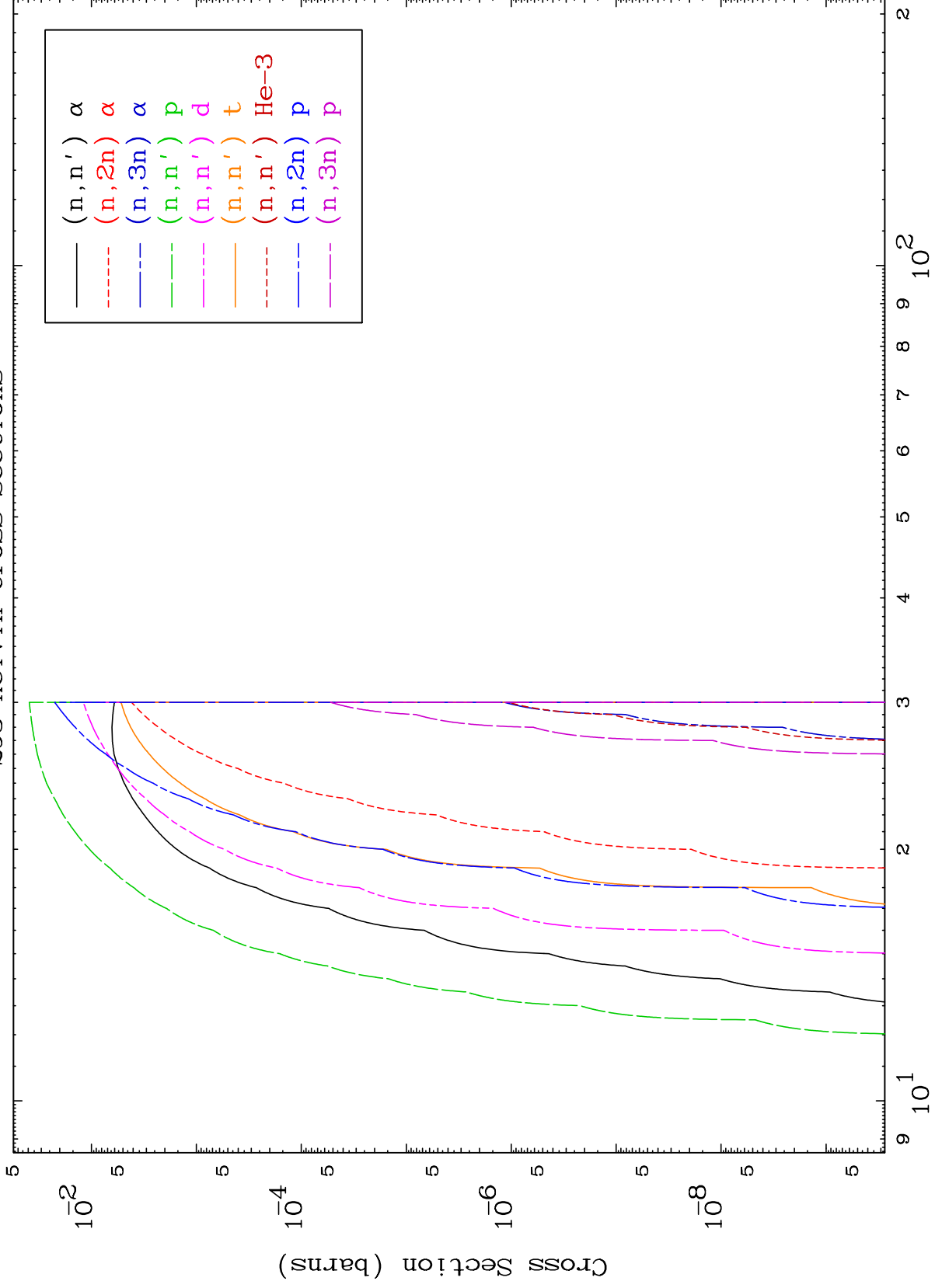
31-Ga-76



MAT 3146

Charged Particle  
293 Kelvin Cross Sections

31-Ga-76



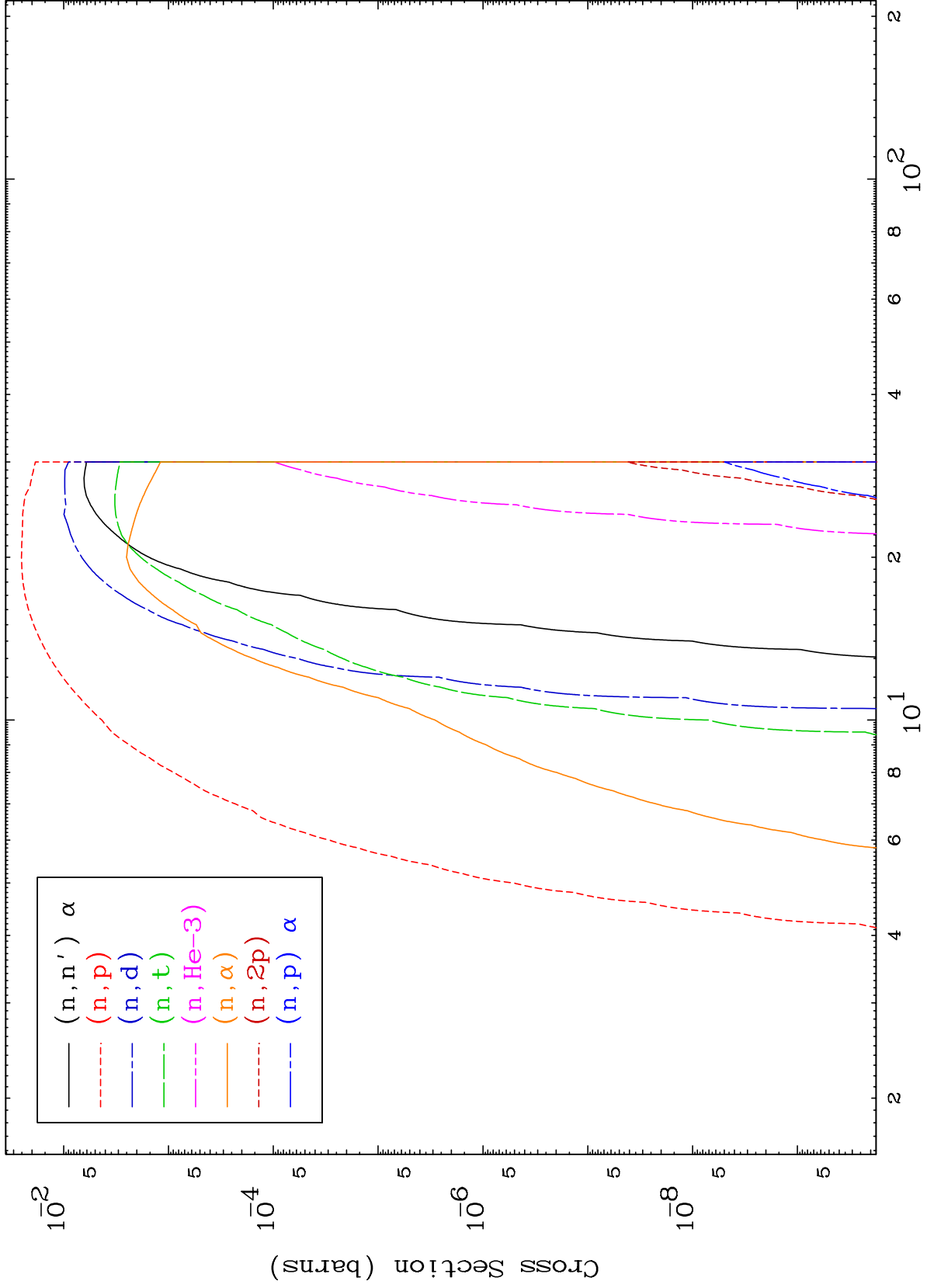
Incident Energy (MeV)

31-Ga-76

MAT 3146

Charged Particle  
293 Kelvin Cross Sections

31-Ga-76



6

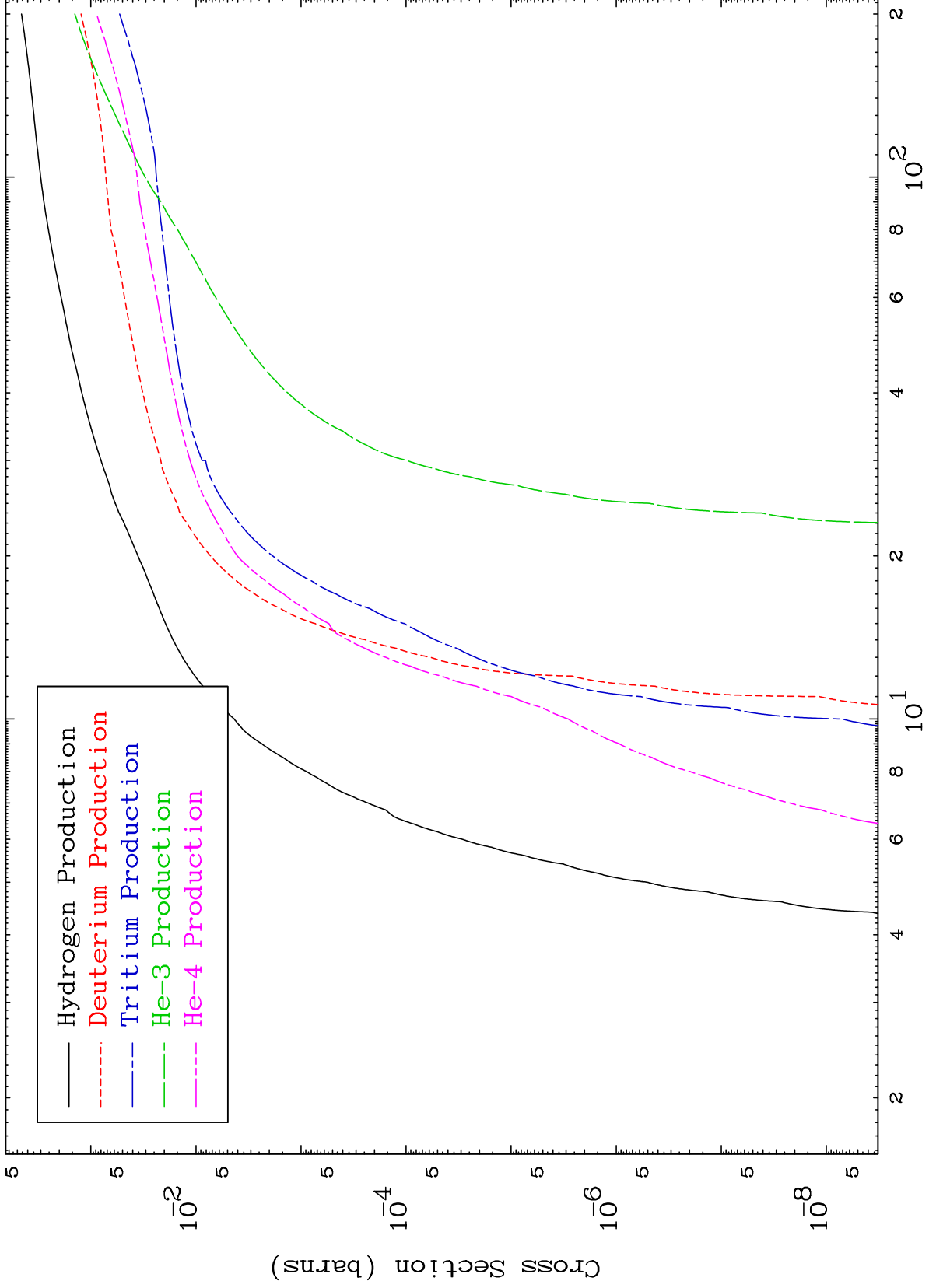
Incident Energy (MeV)

31-Ga-76

MAT 3146

Particle Production  
293 Kelvin Cross Sections

31-Ga-76



7

Incident Energy (MeV)

31-Ga-76

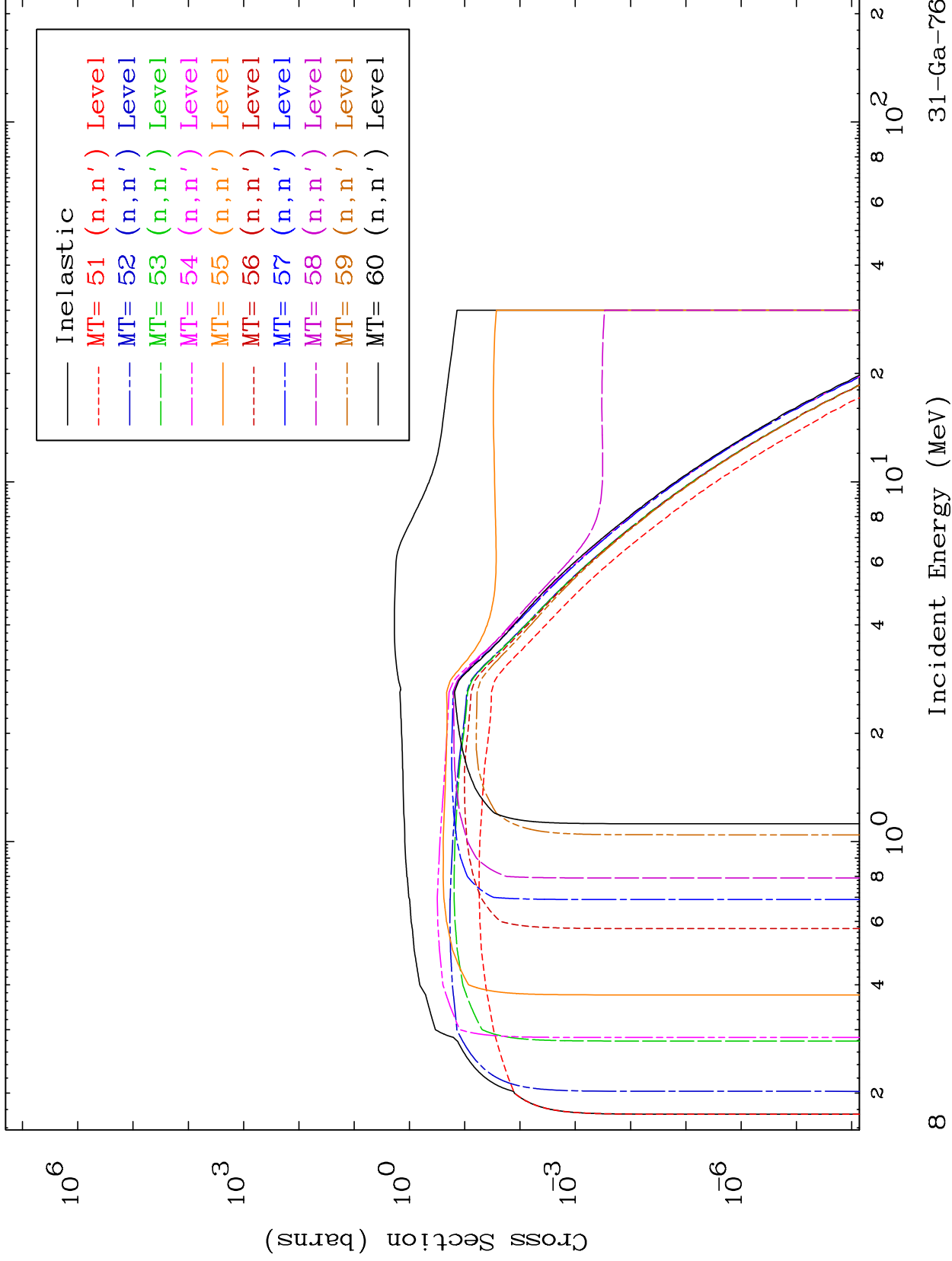


MAT 3146

(n,n') Levels

31-Ga-76

293 Kelvin Cross Sections



8

Incident Energy (MeV)

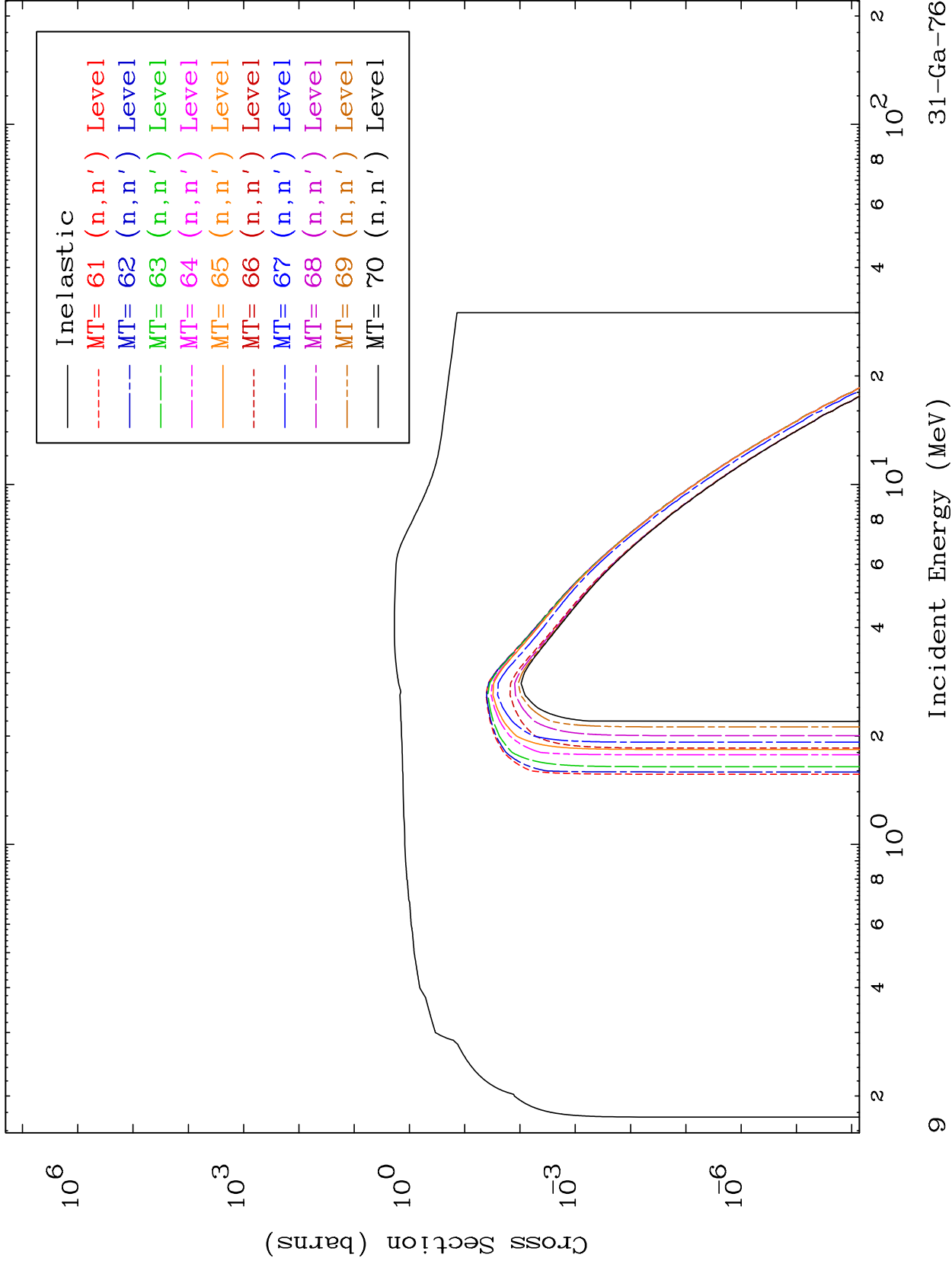
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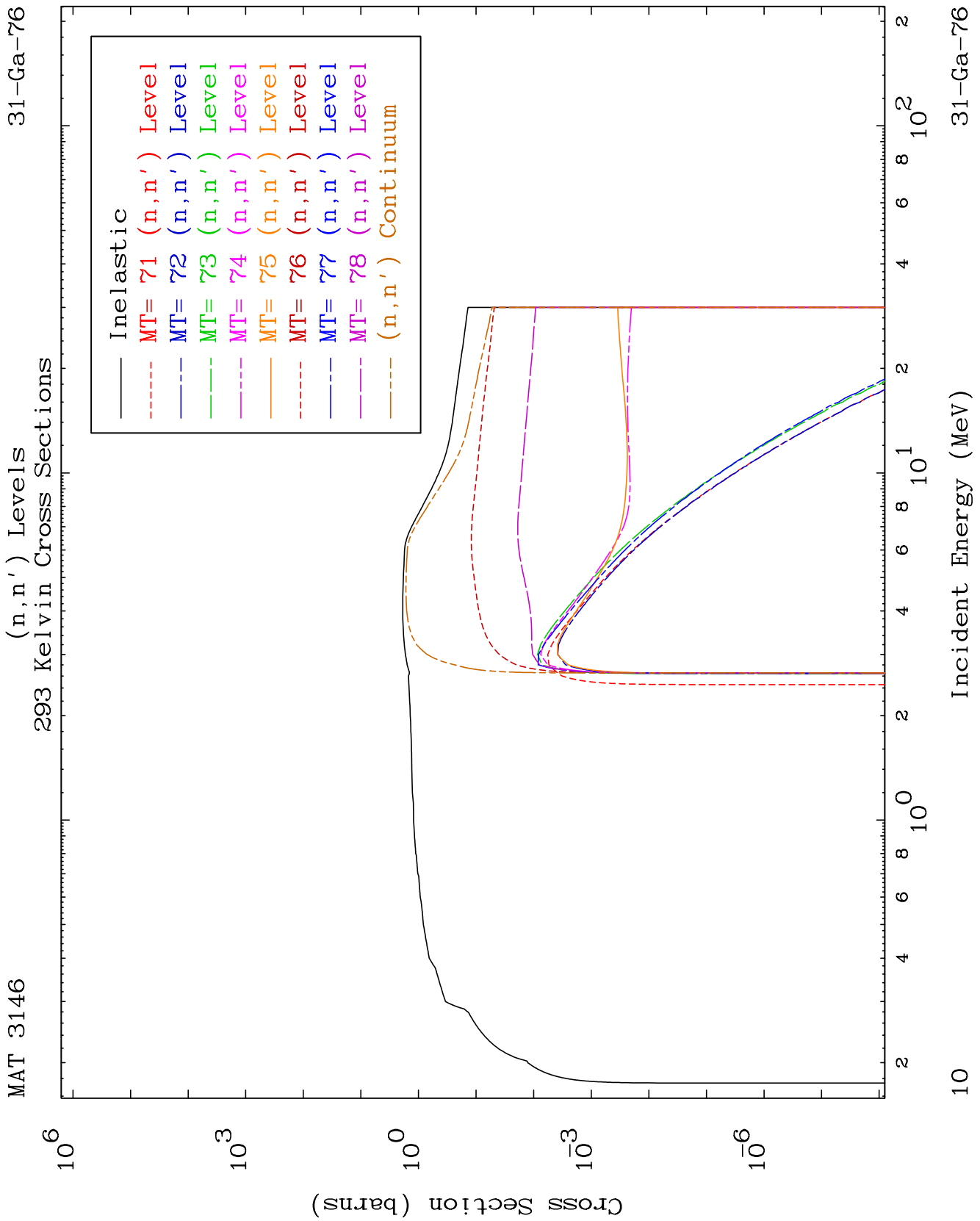
MAT 3146

(n,n') Levels

31-Ga-76

293 Kelvin Cross Sections

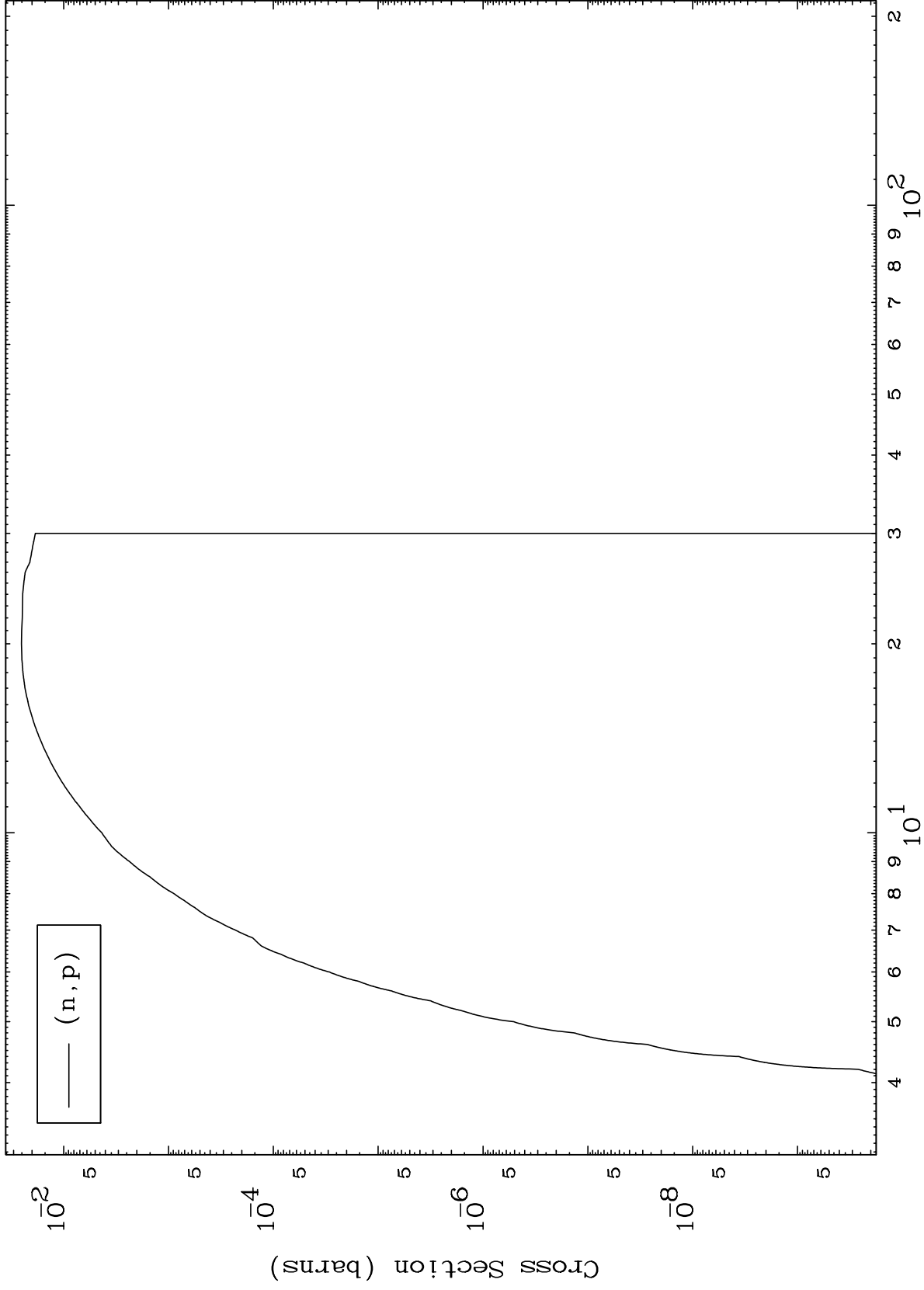




MAT 3146

(n,p) Levels  
293 Kelvin Cross Sections

31-Ga-76



11

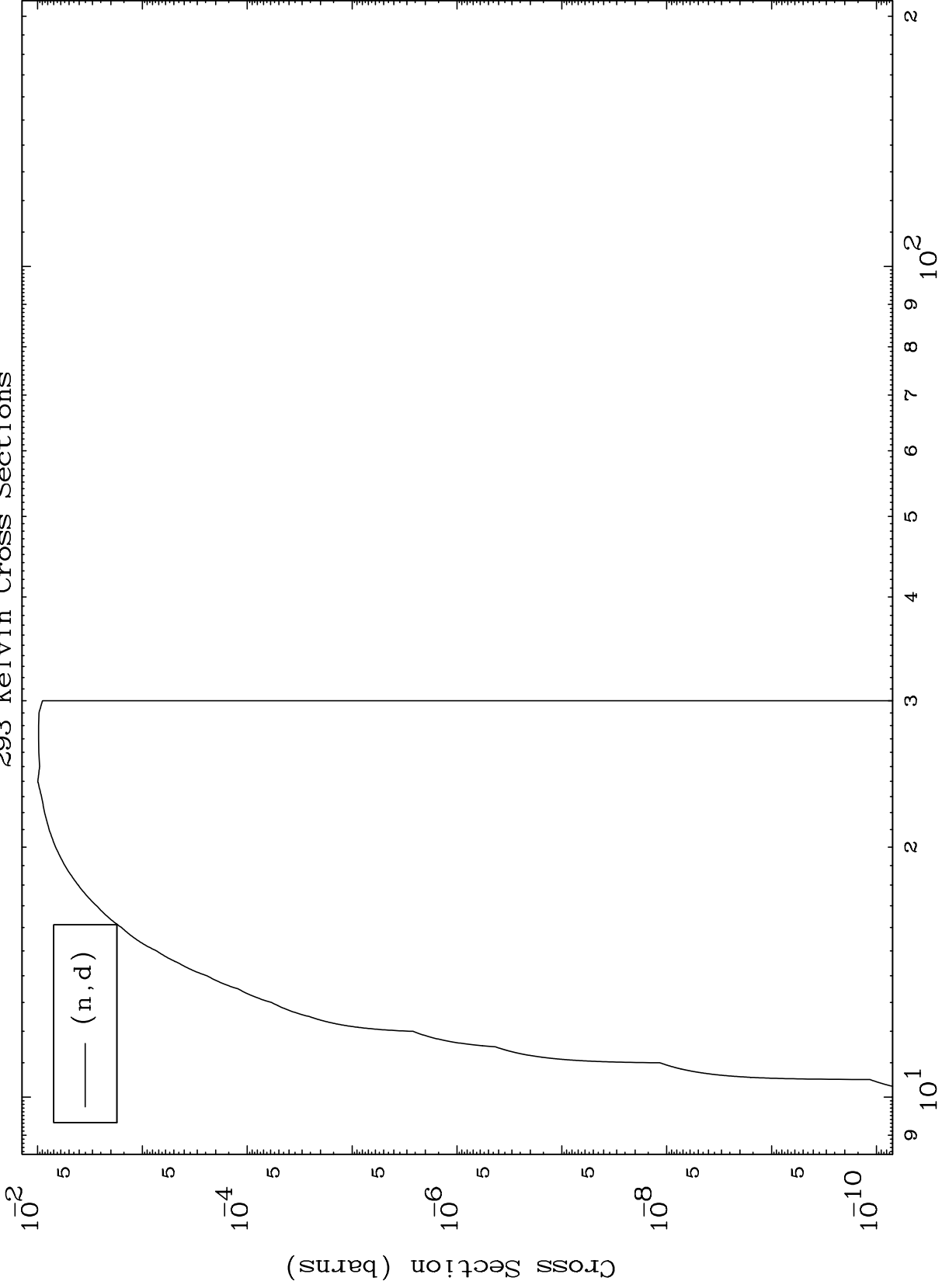
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,d) Levels  
293 Kelvin Cross Sections

31-Ga-76



12

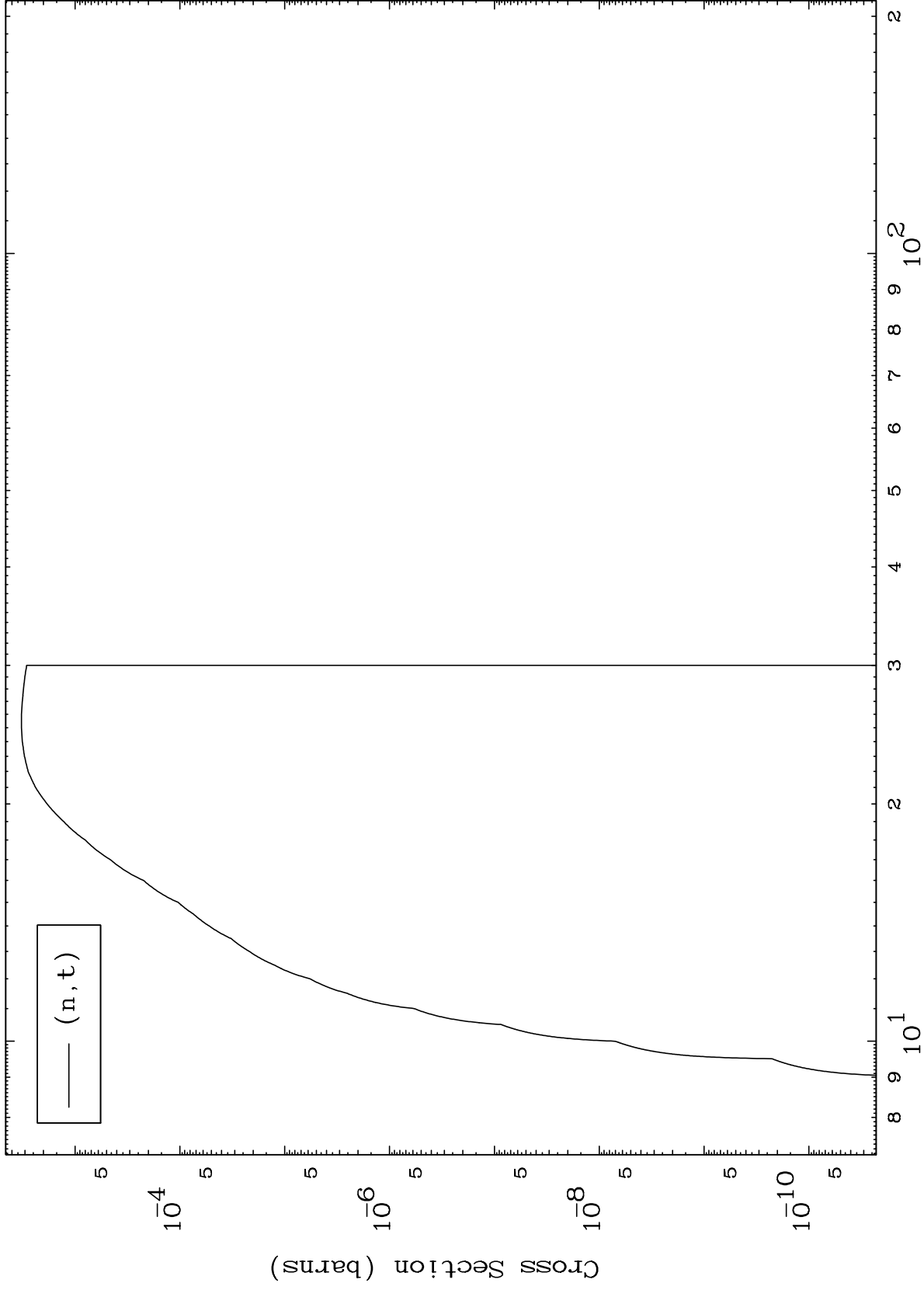
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,t) Levels  
293 Kelvin Cross Sections

31-Ga-76



13

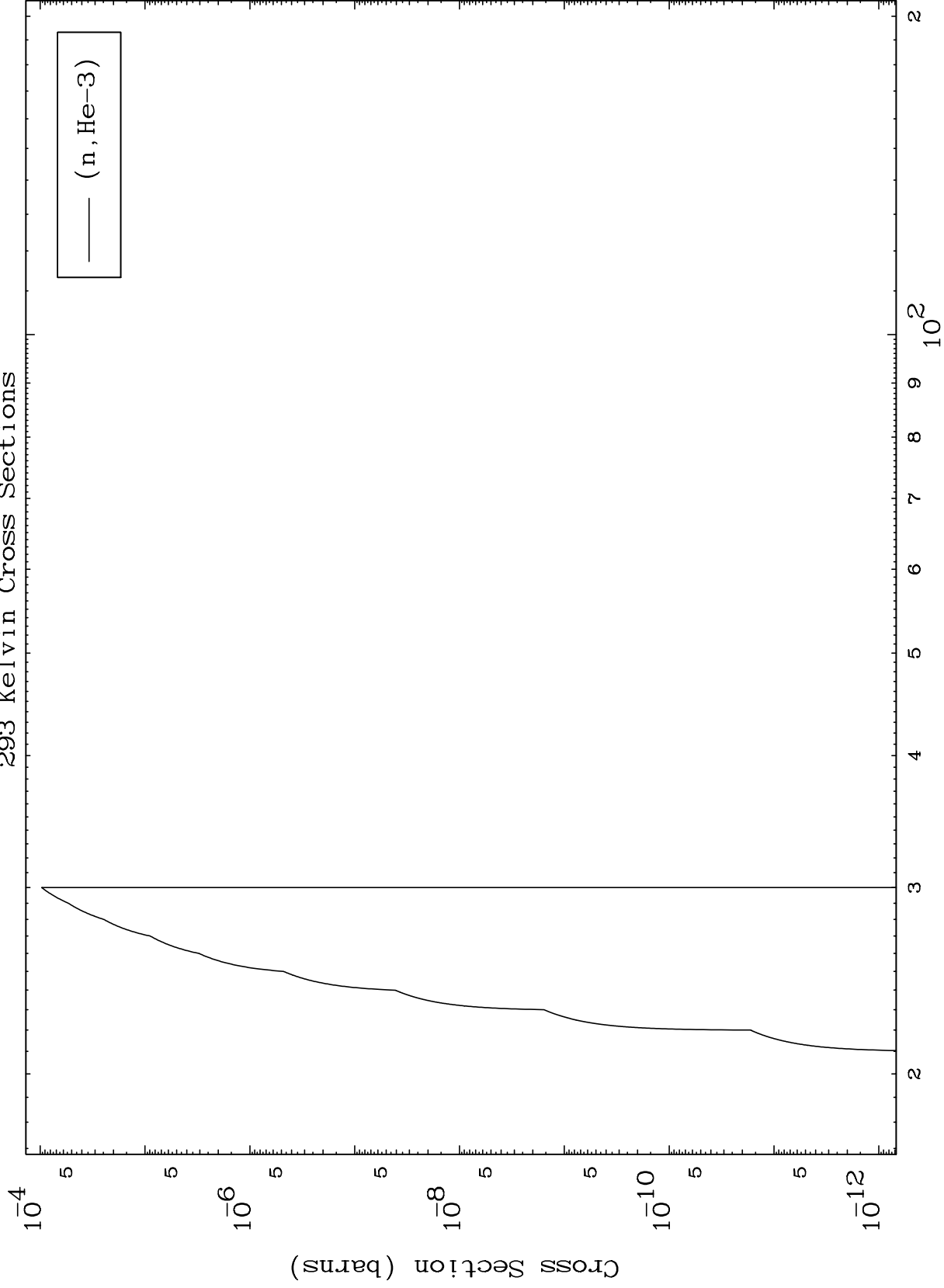
Incident Energy (MeV)

31-Ga-76

MAT 3146

(n,He3) Levels  
293 Kelvin Cross Sections

31-Ga-76



14

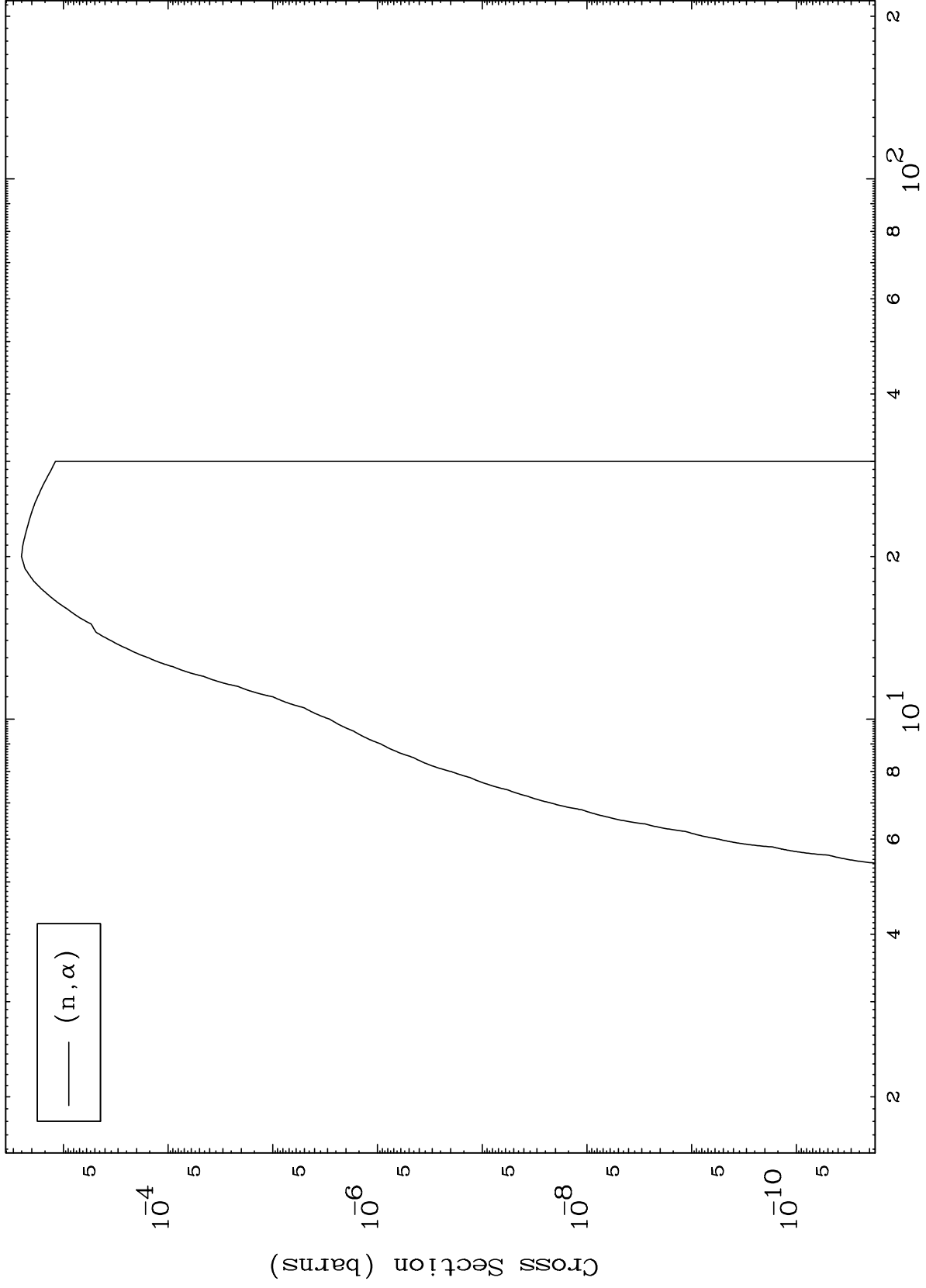
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



15

Incident Energy (MeV)

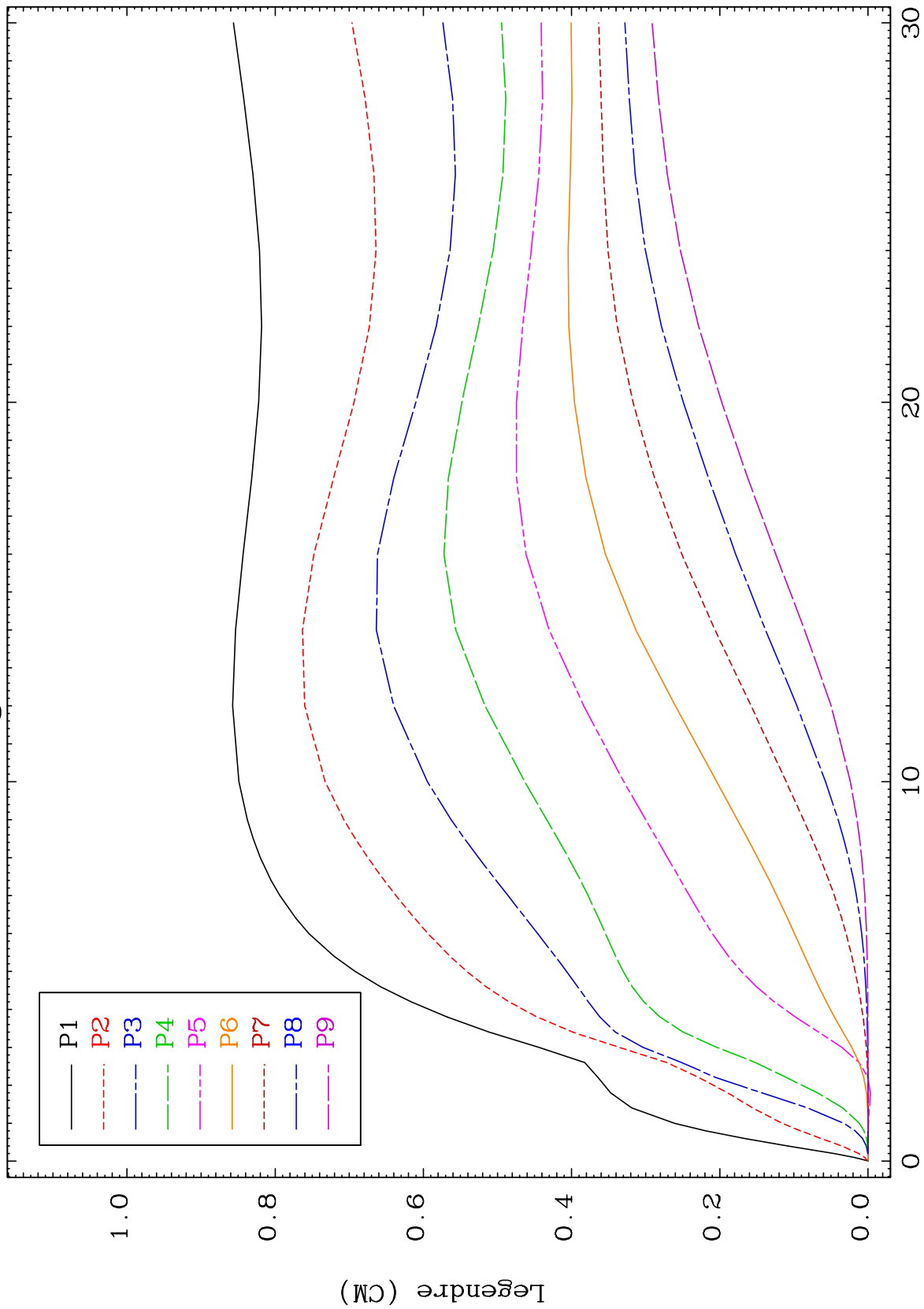
31-Ga-76



MAT 3146

Elastic Legendre Coefficients

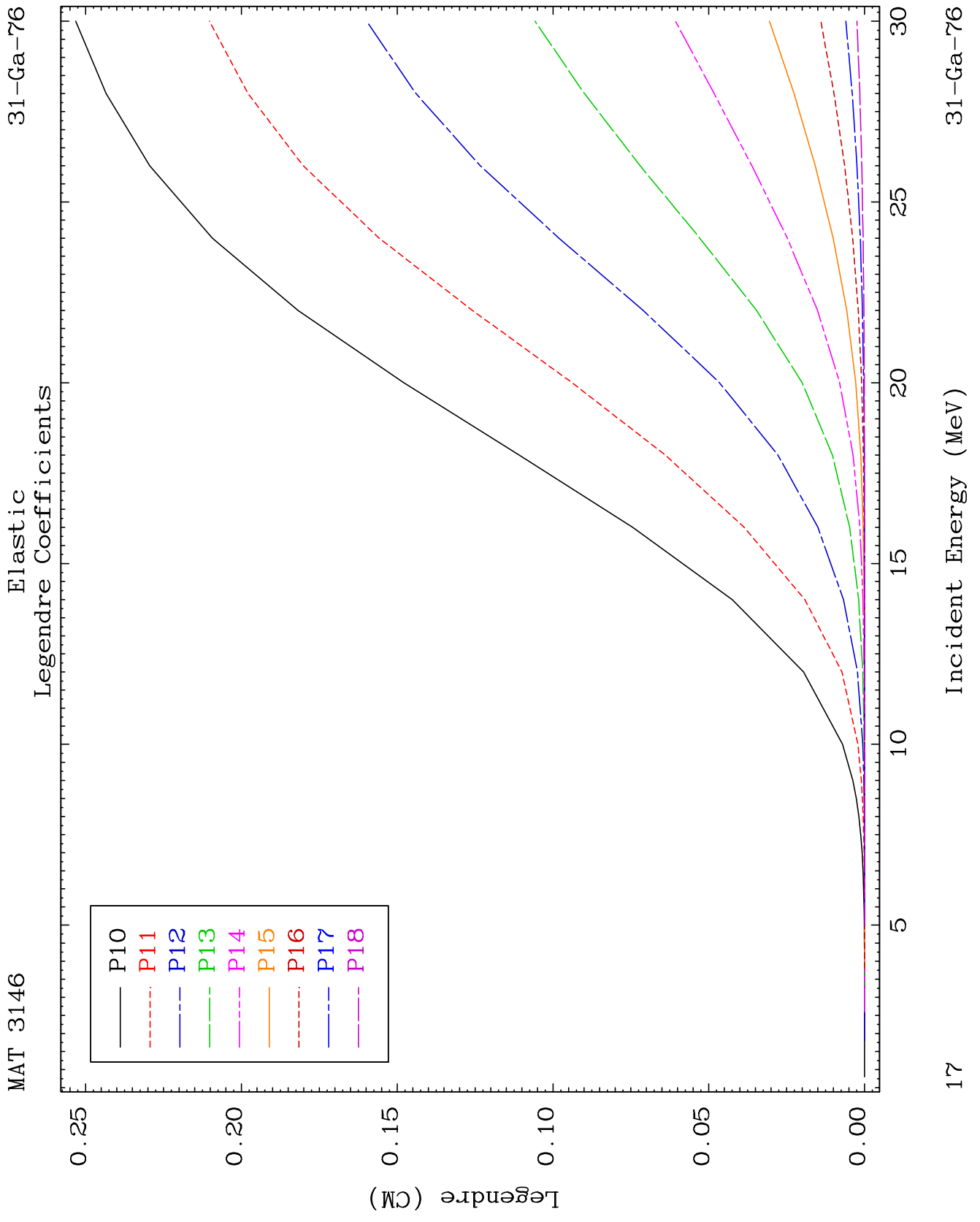
31-Ga-76



16

Incident Energy (MeV)

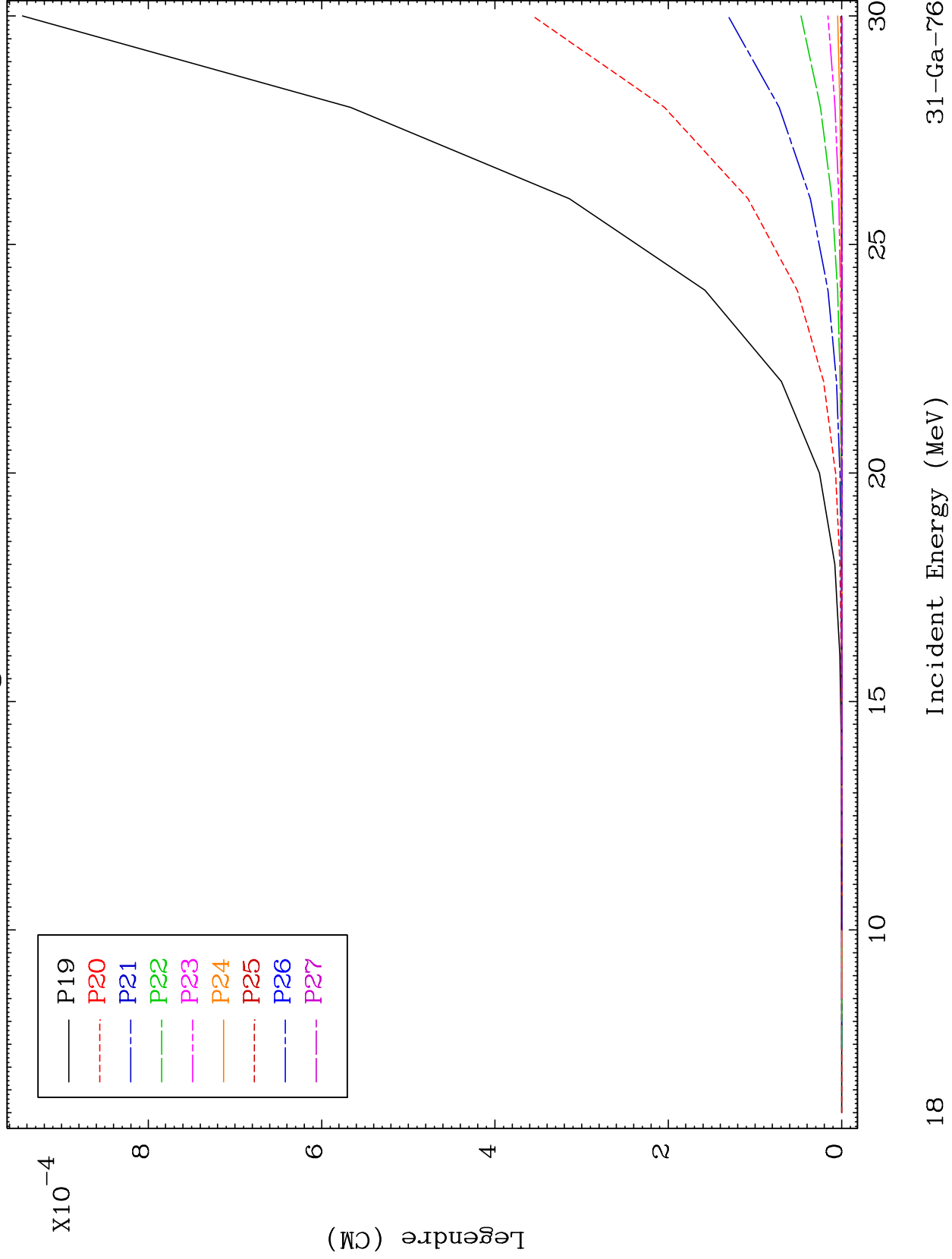
31-Ga-76



MAT 3146

### Elastic Legendre Coefficients

31-Ga-76



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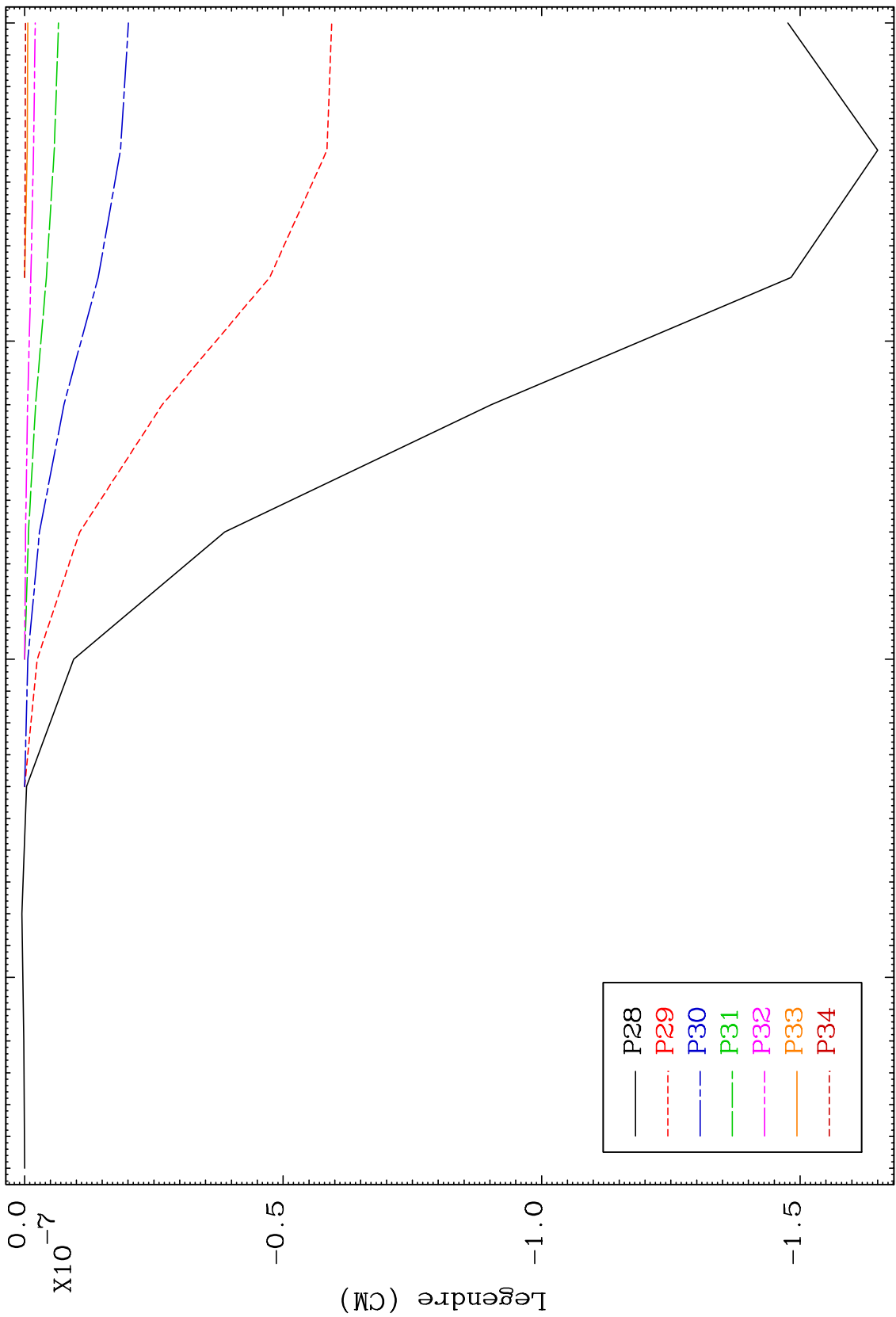
Incident Energy (MeV)

31-Ga-76

MAT 3146

31-Ga-76

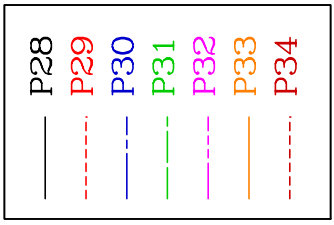
Elastic Legendre Coefficients



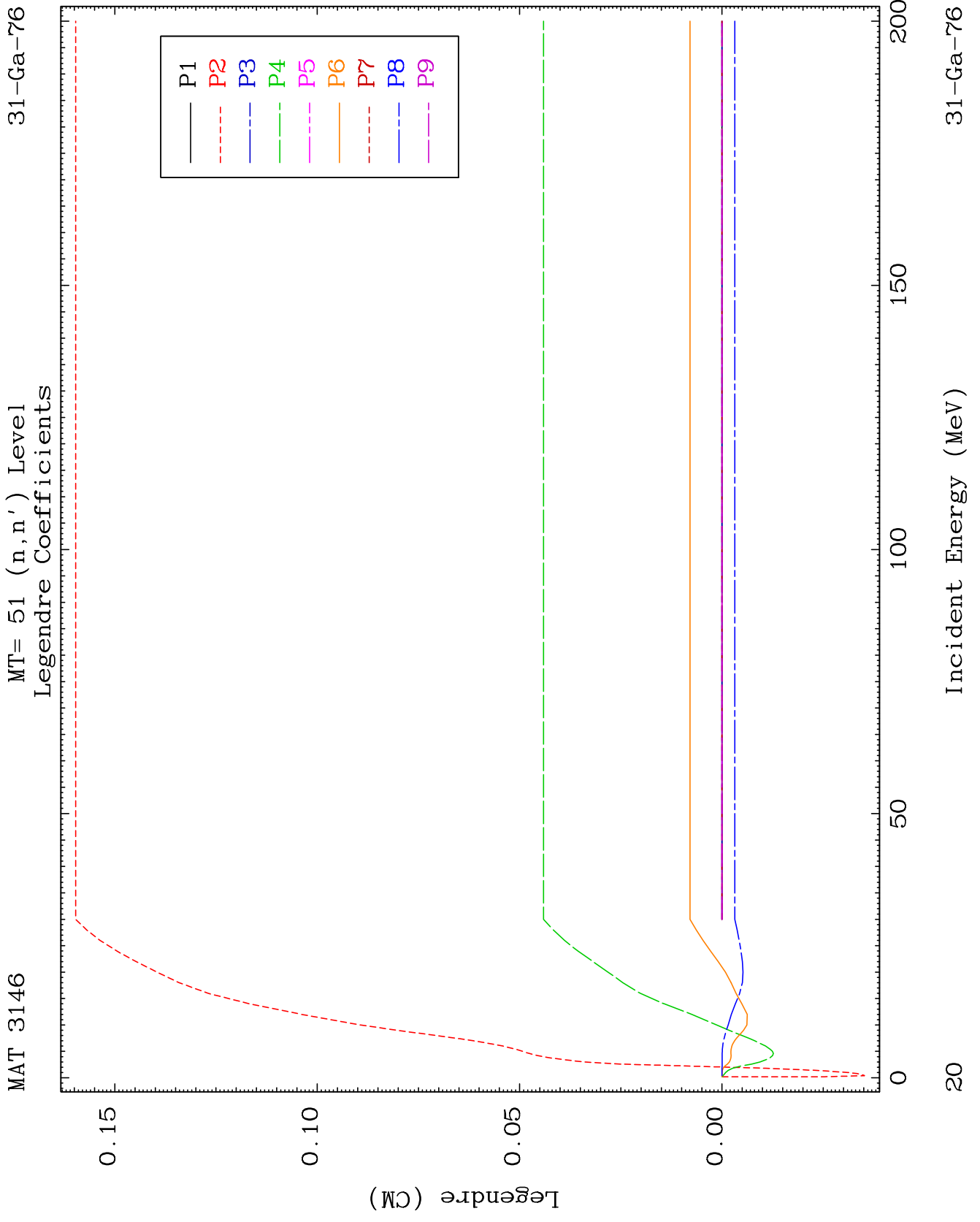
Legendre (CM)  
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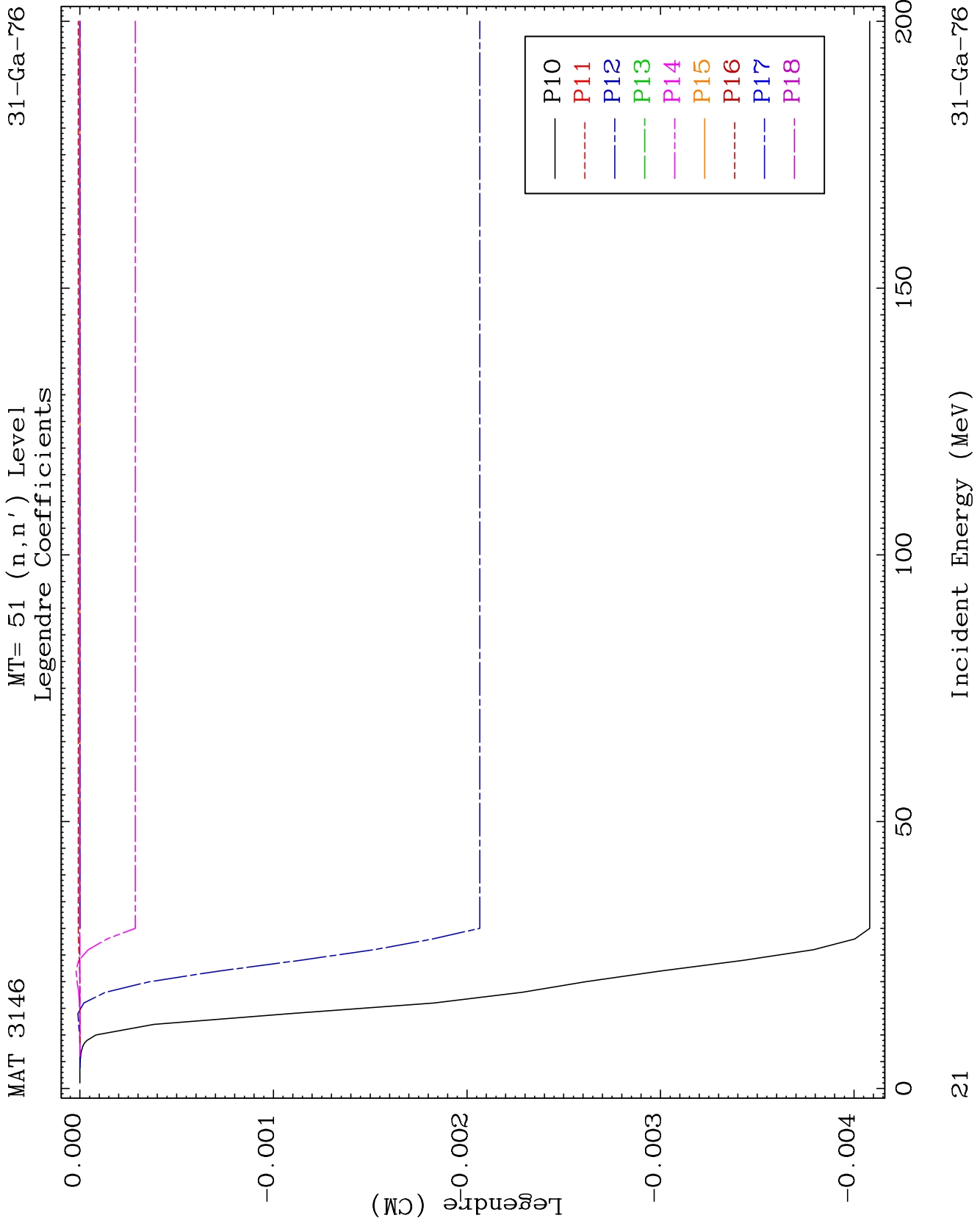
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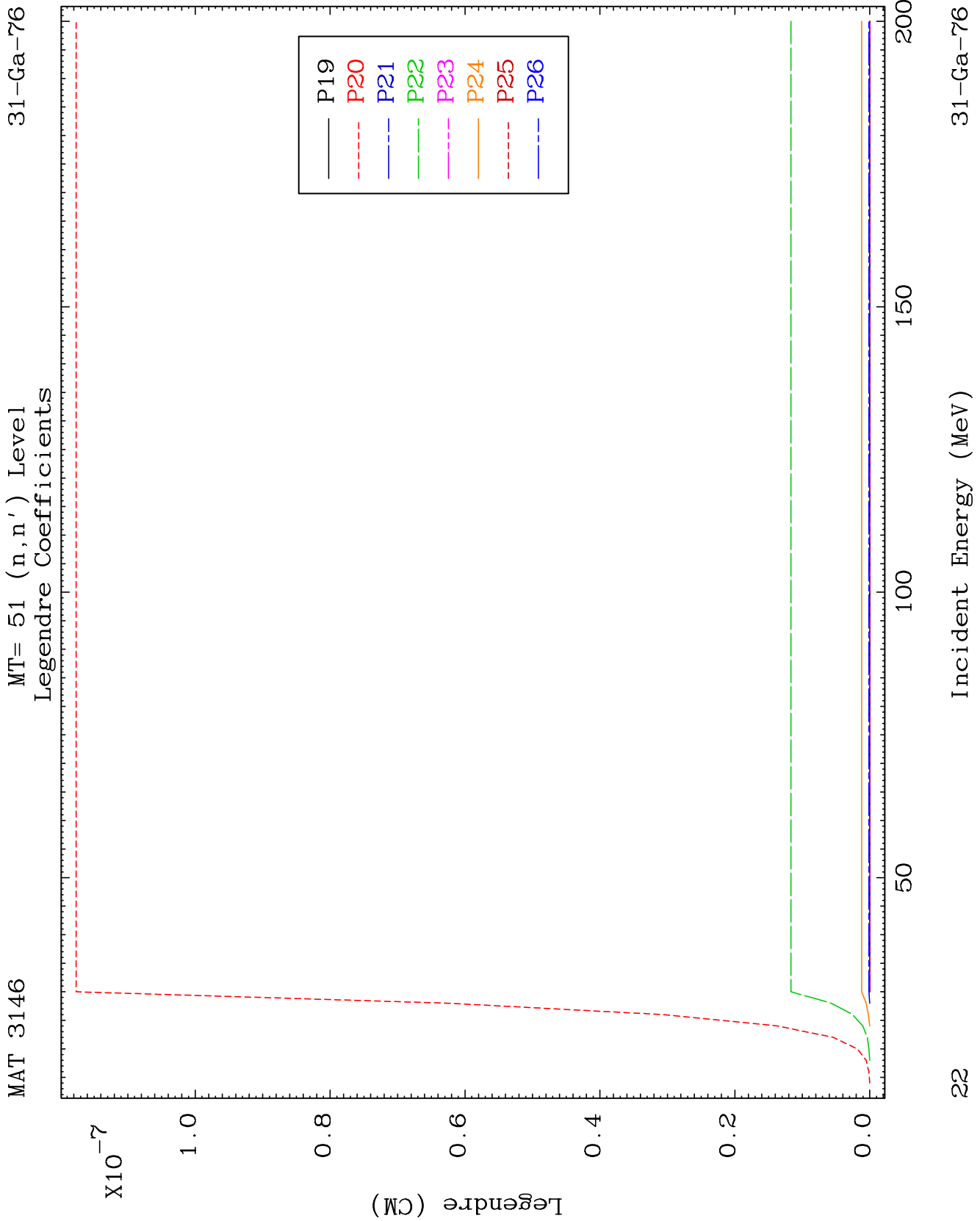
31-Ga-76



19

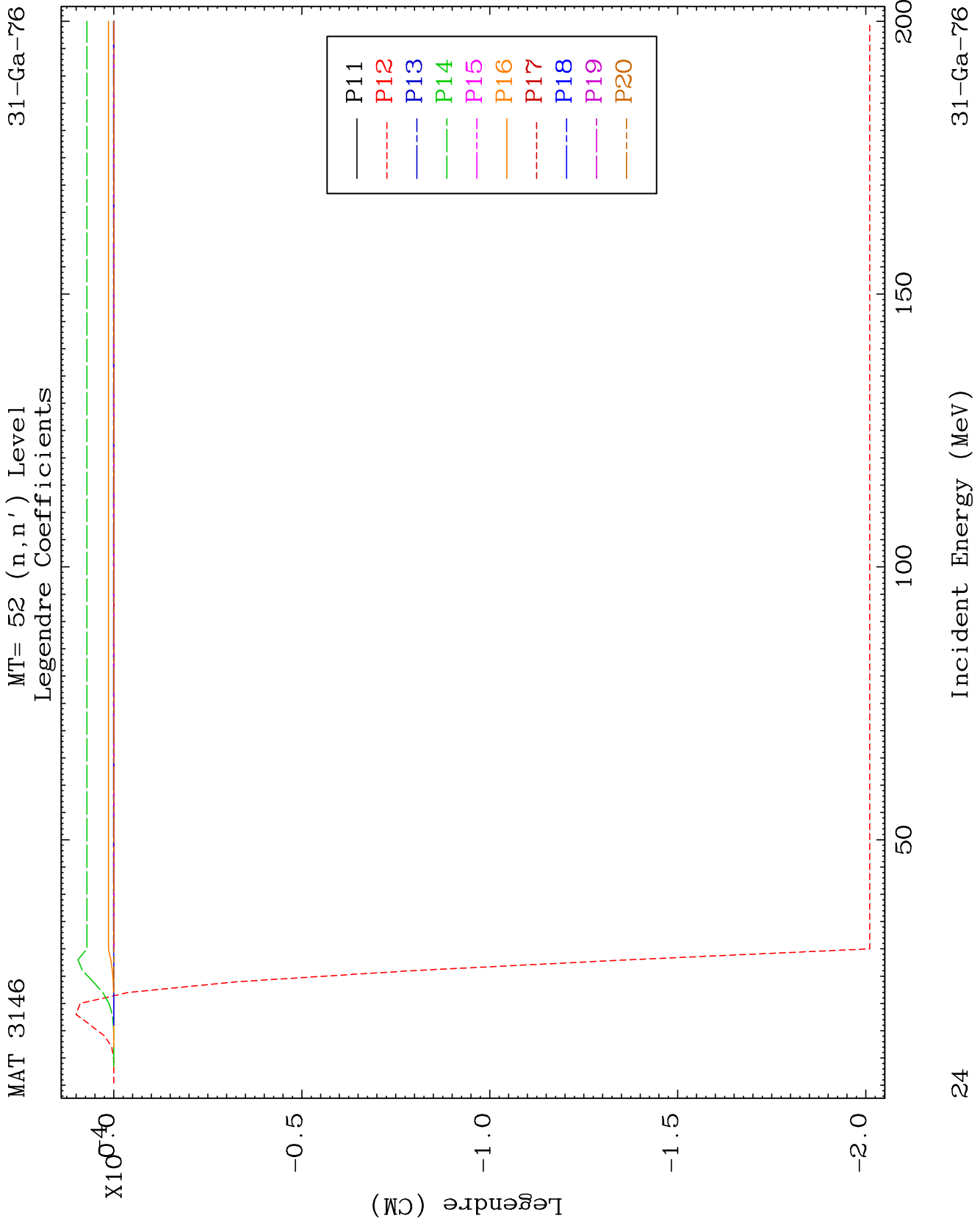


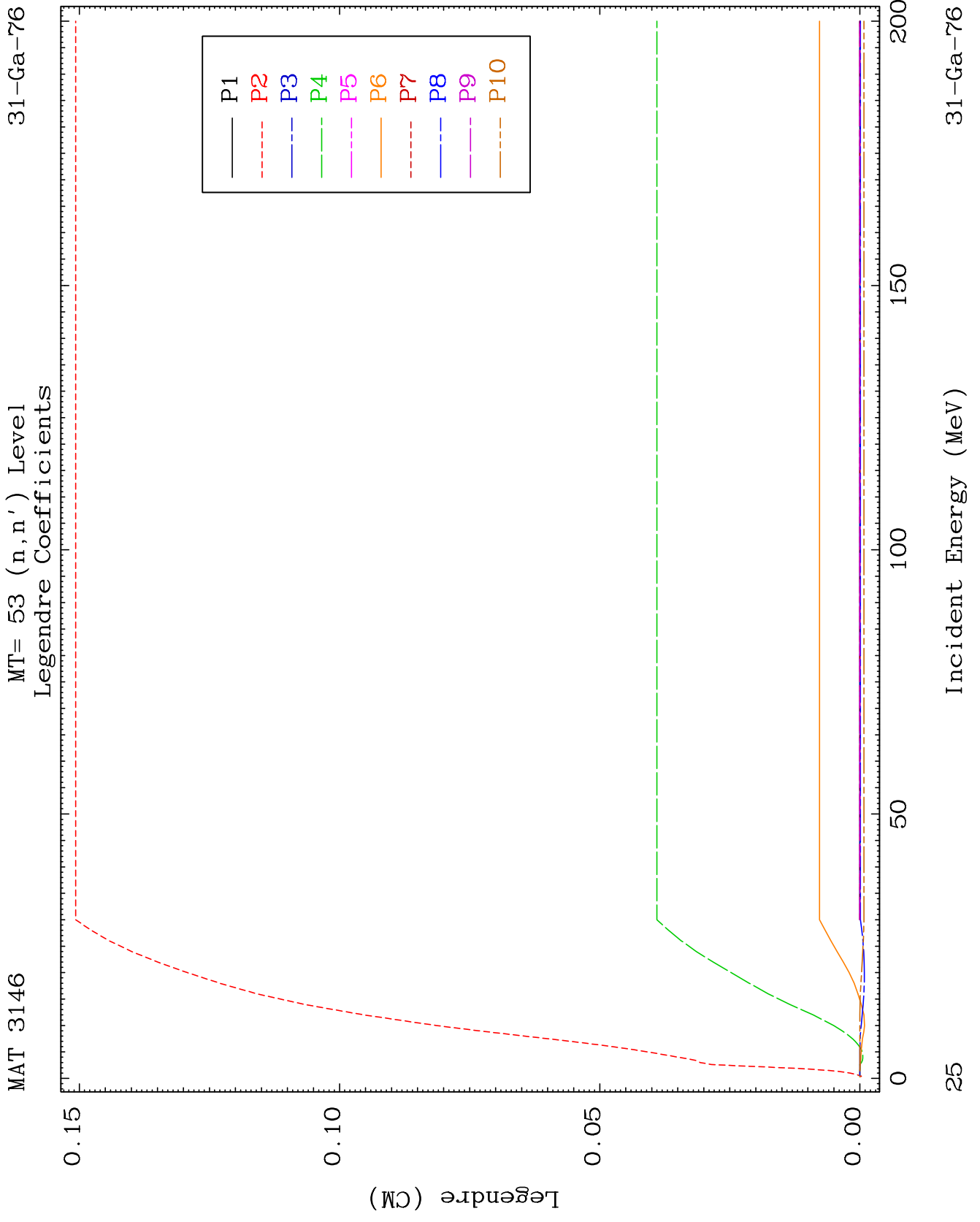








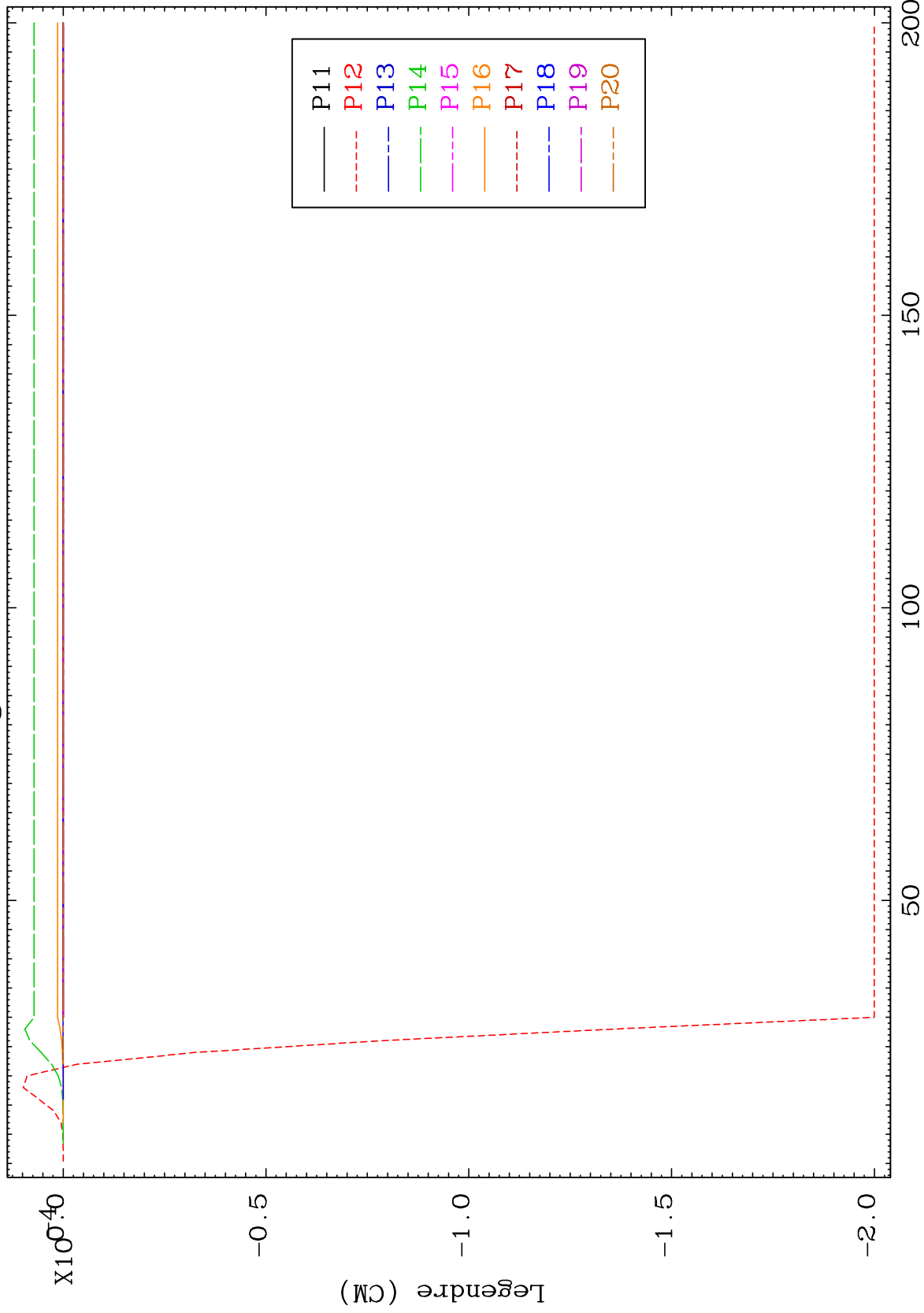




MAT 3146

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

31-Ga-76



26

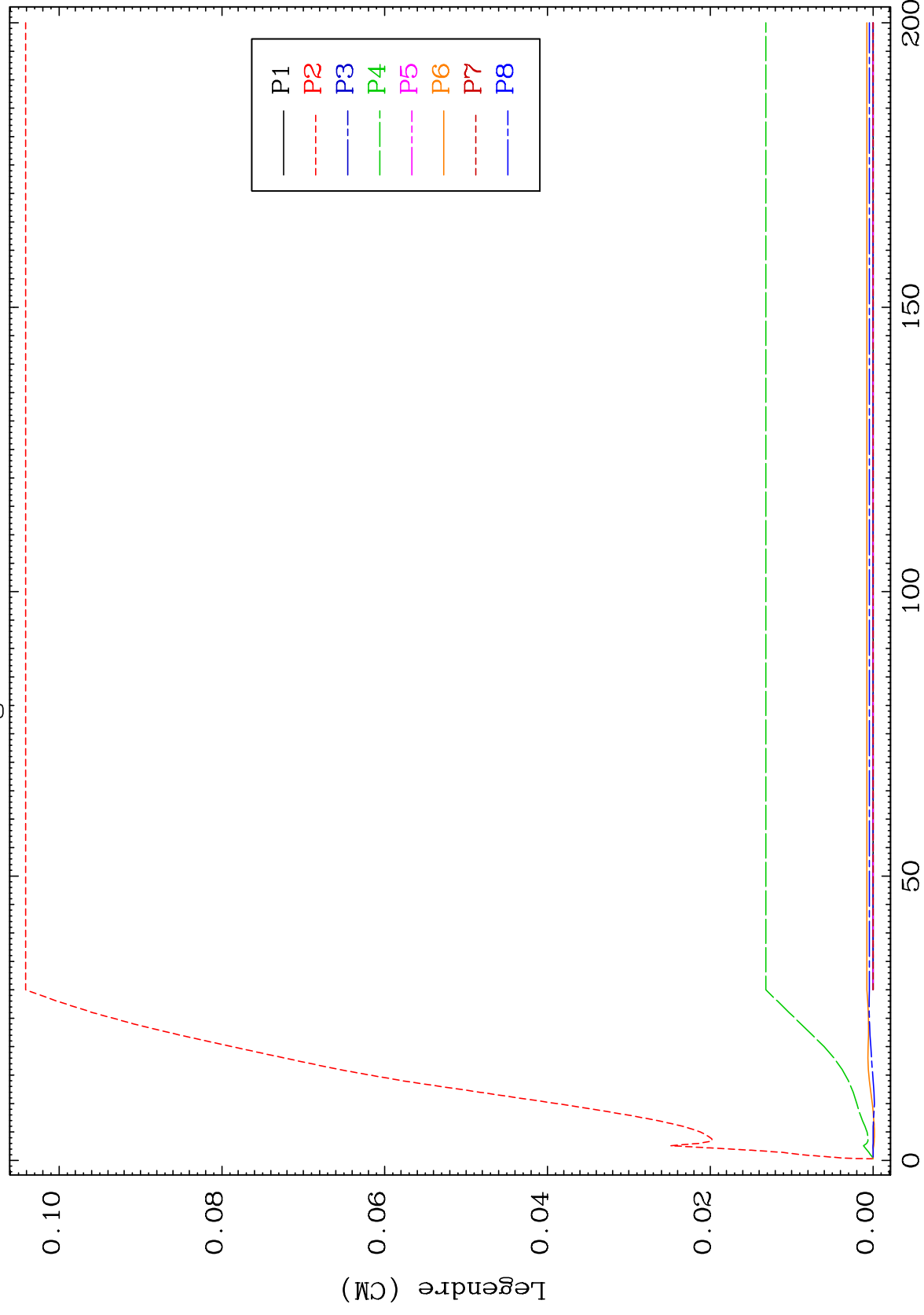
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

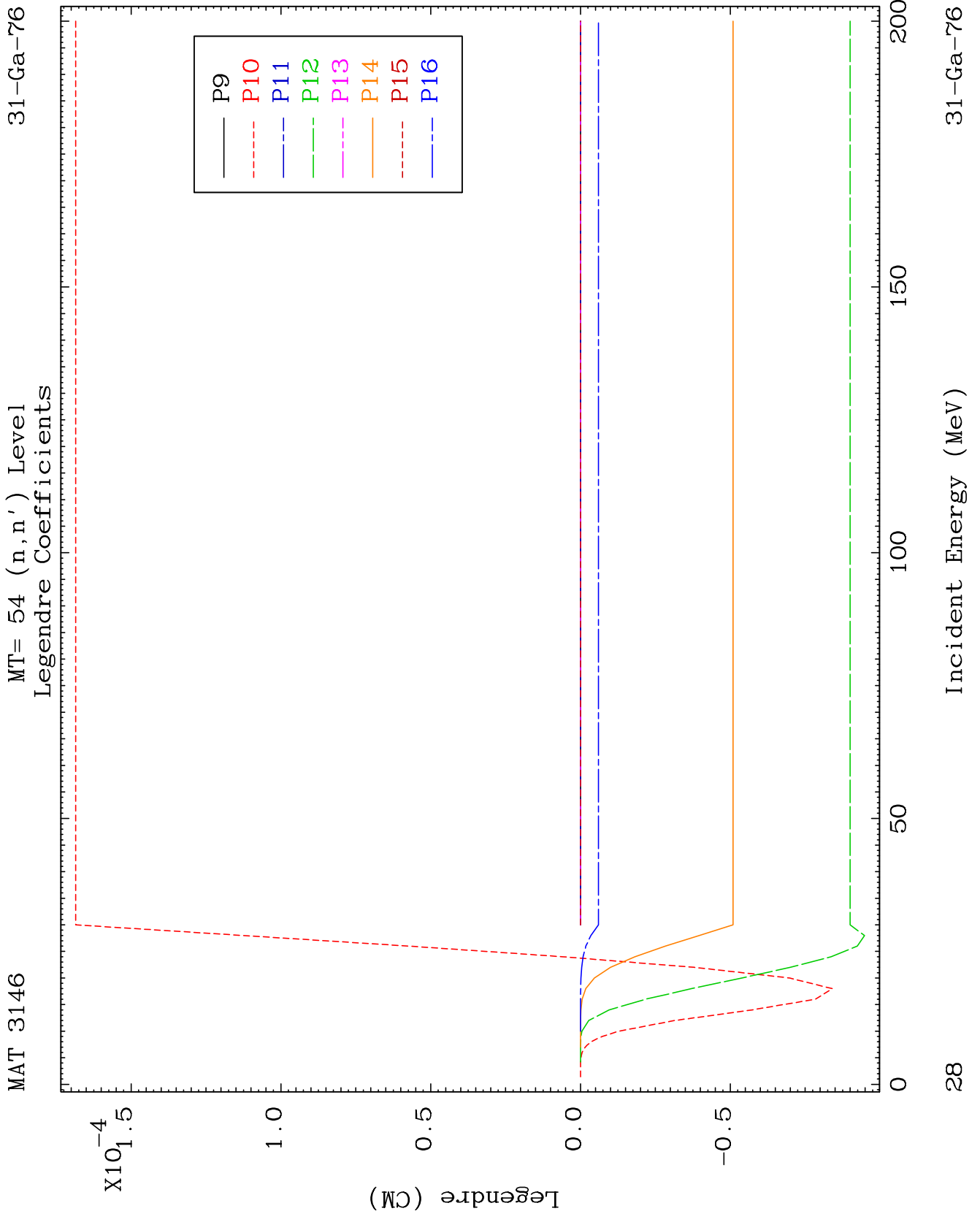
31-Ga-76



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Incident Energy (MeV)

31-Ga-76

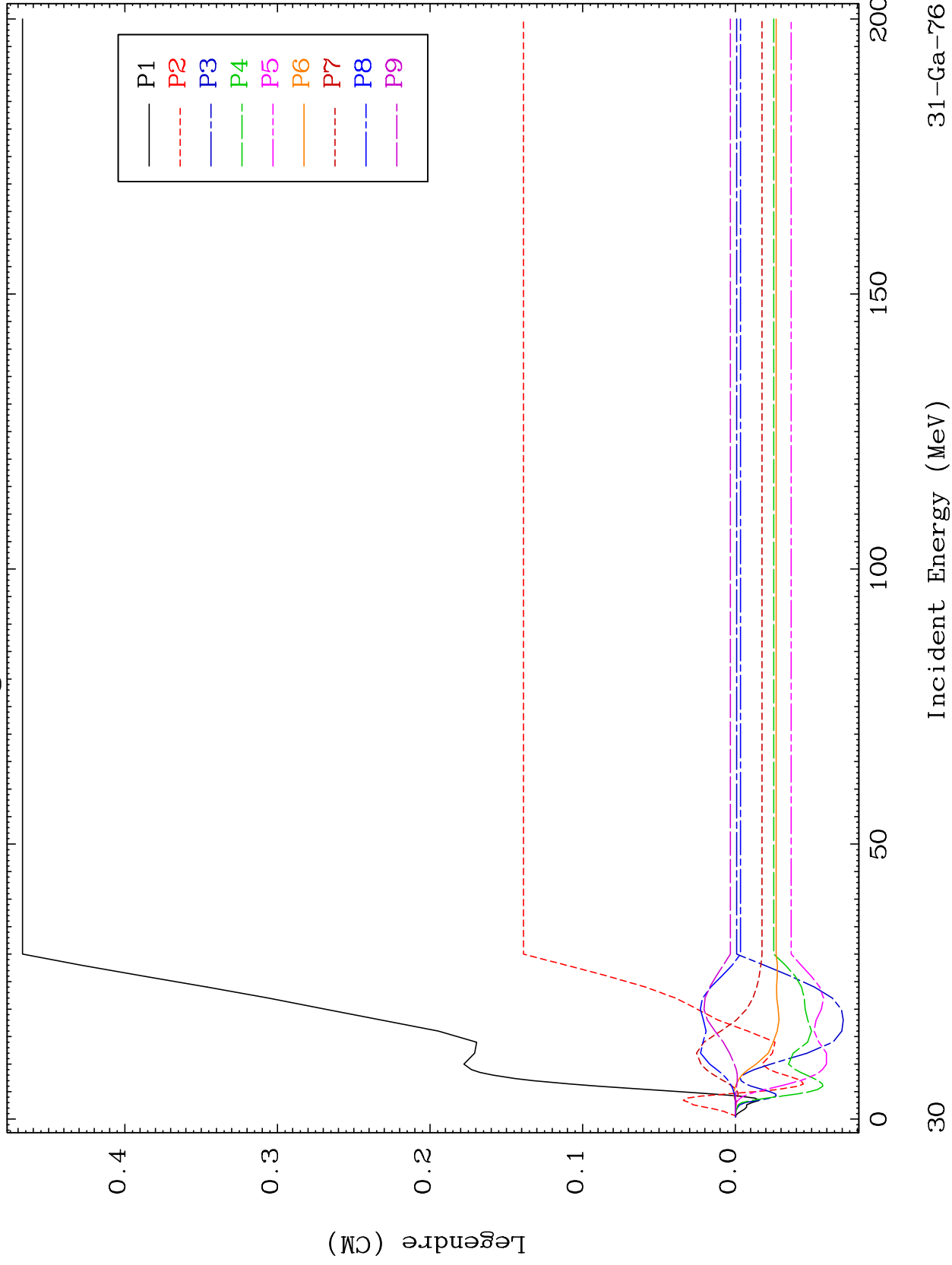


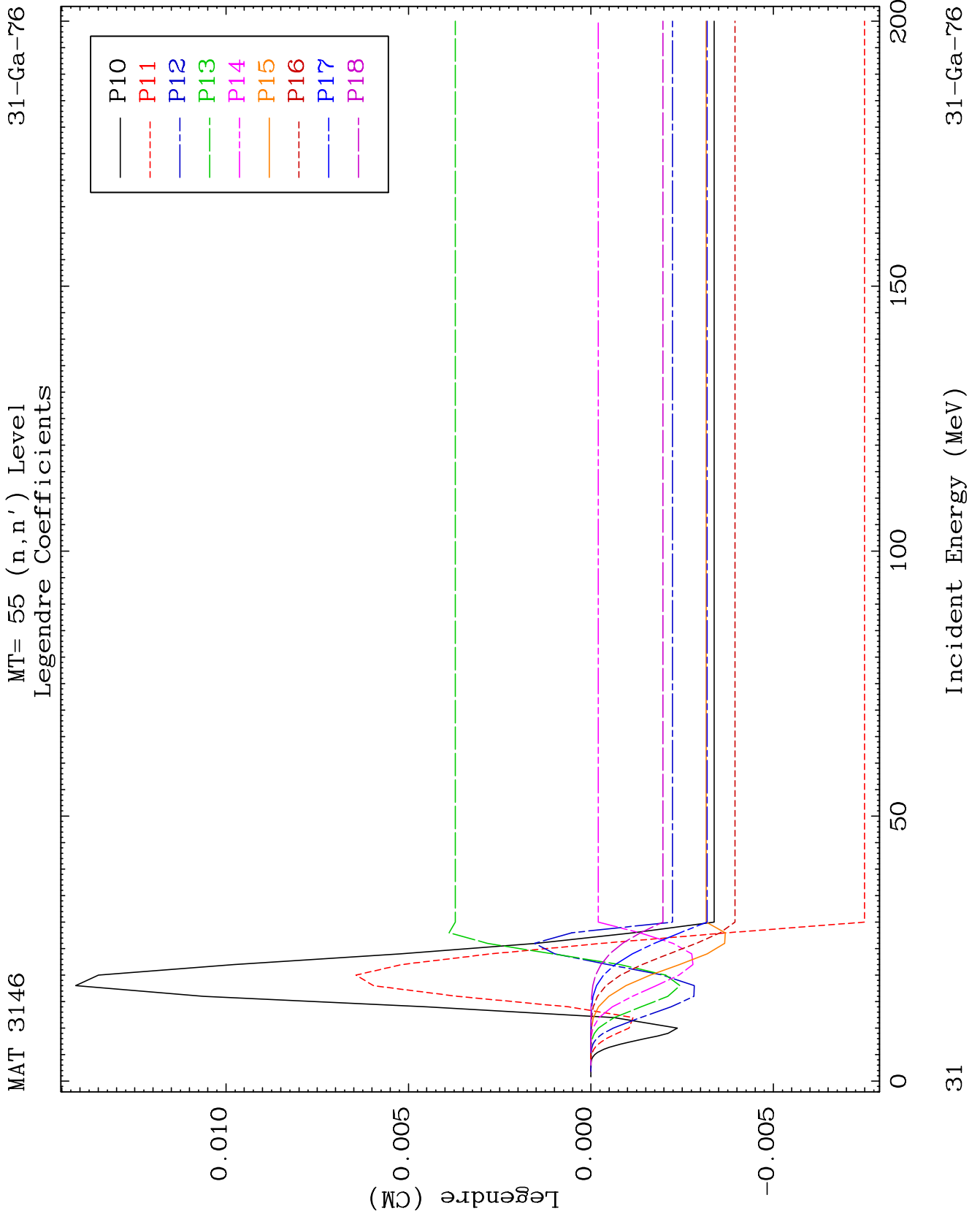


MAT 3146

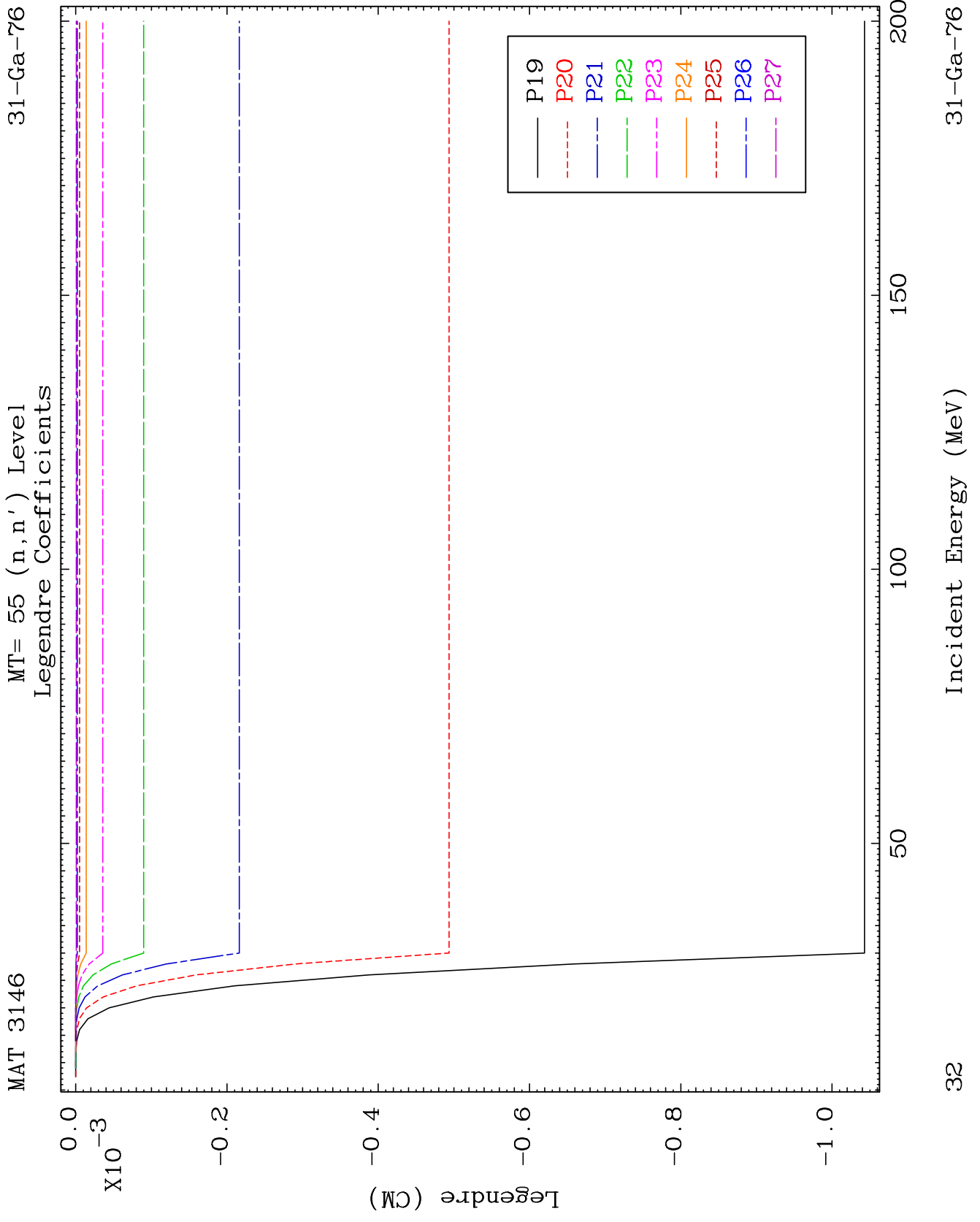
MT= 55 (n,n') Level  
Legendre Coefficients

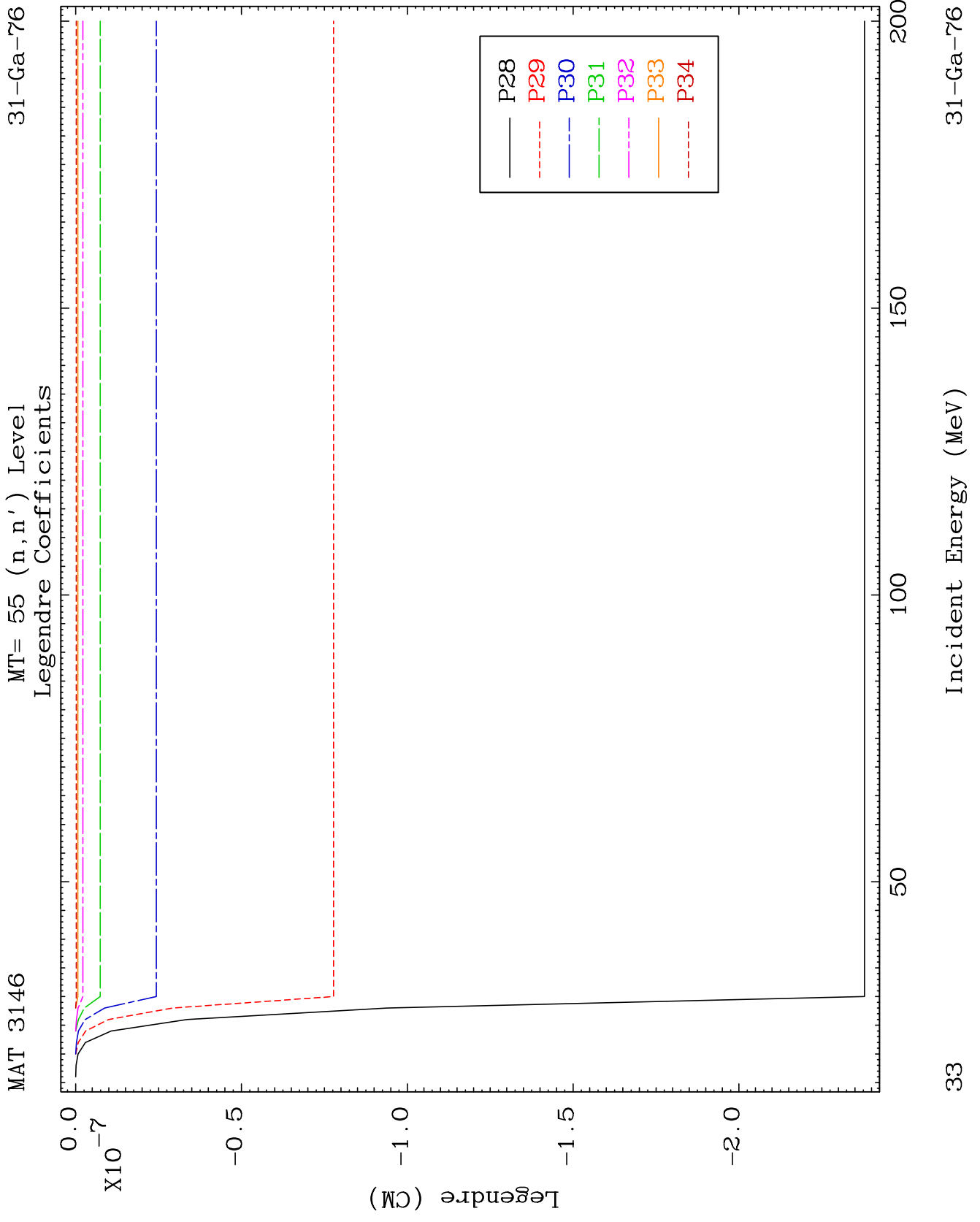
31-Ga-76

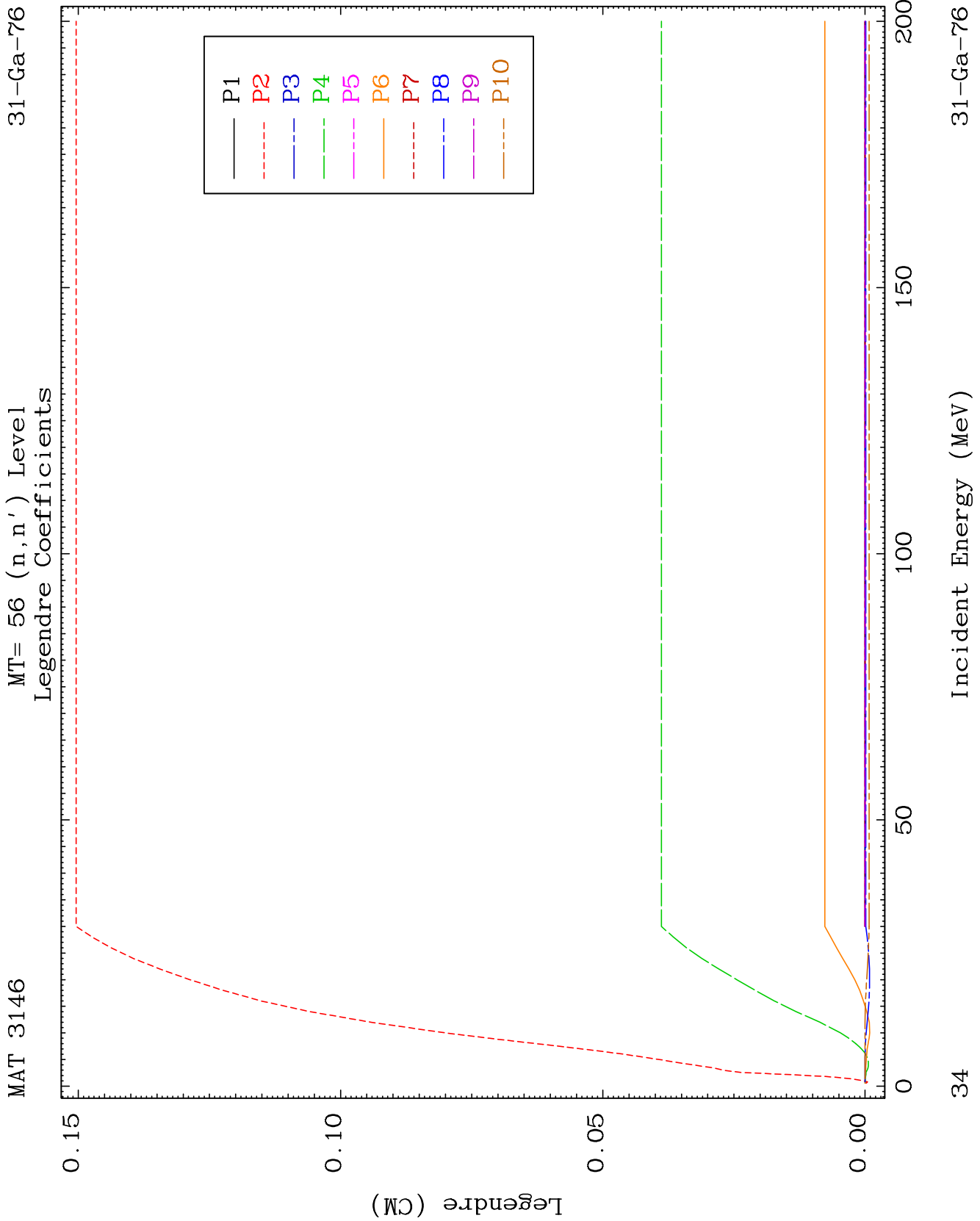










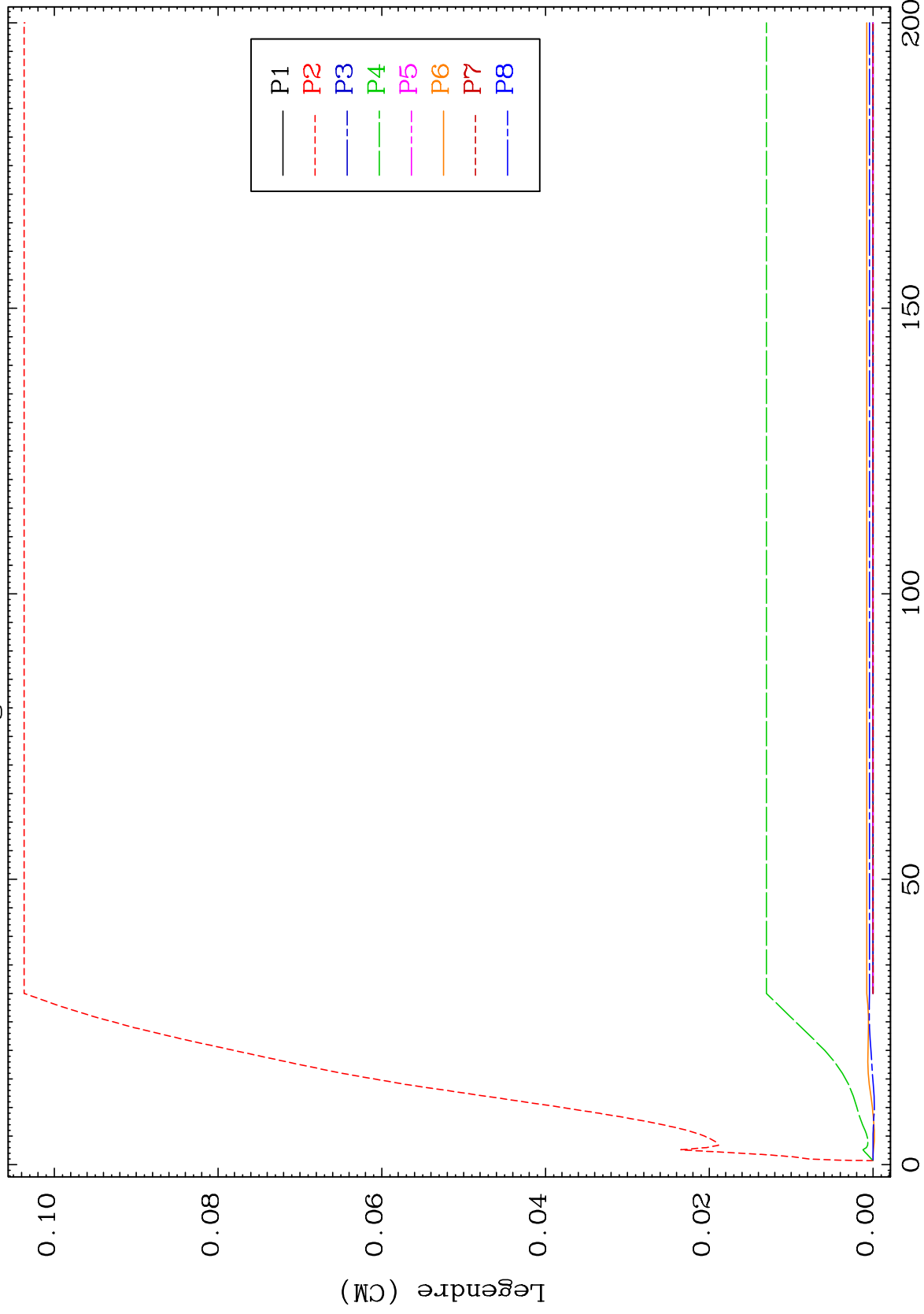




MAT 3146

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

31-Ga-76



36

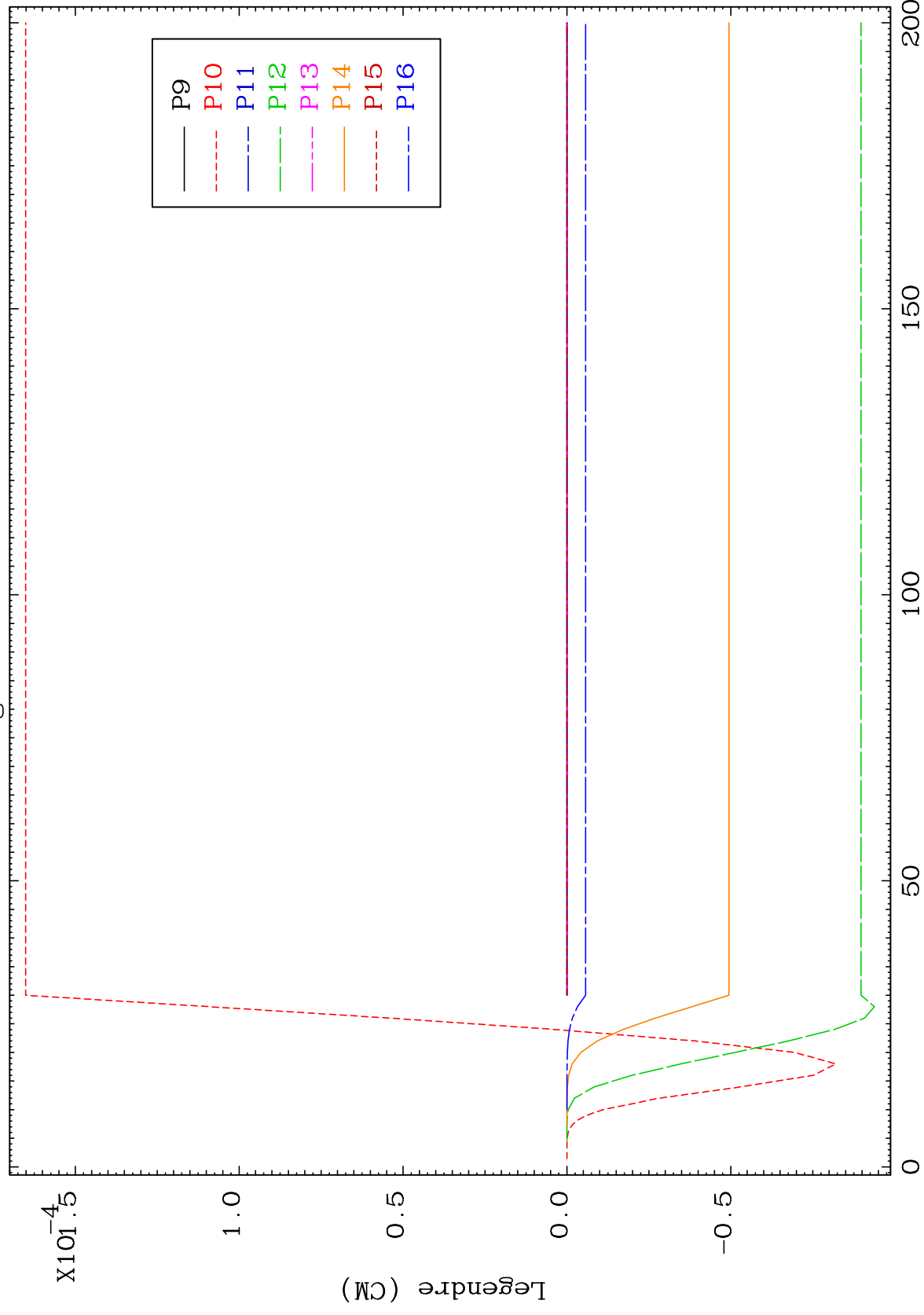
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

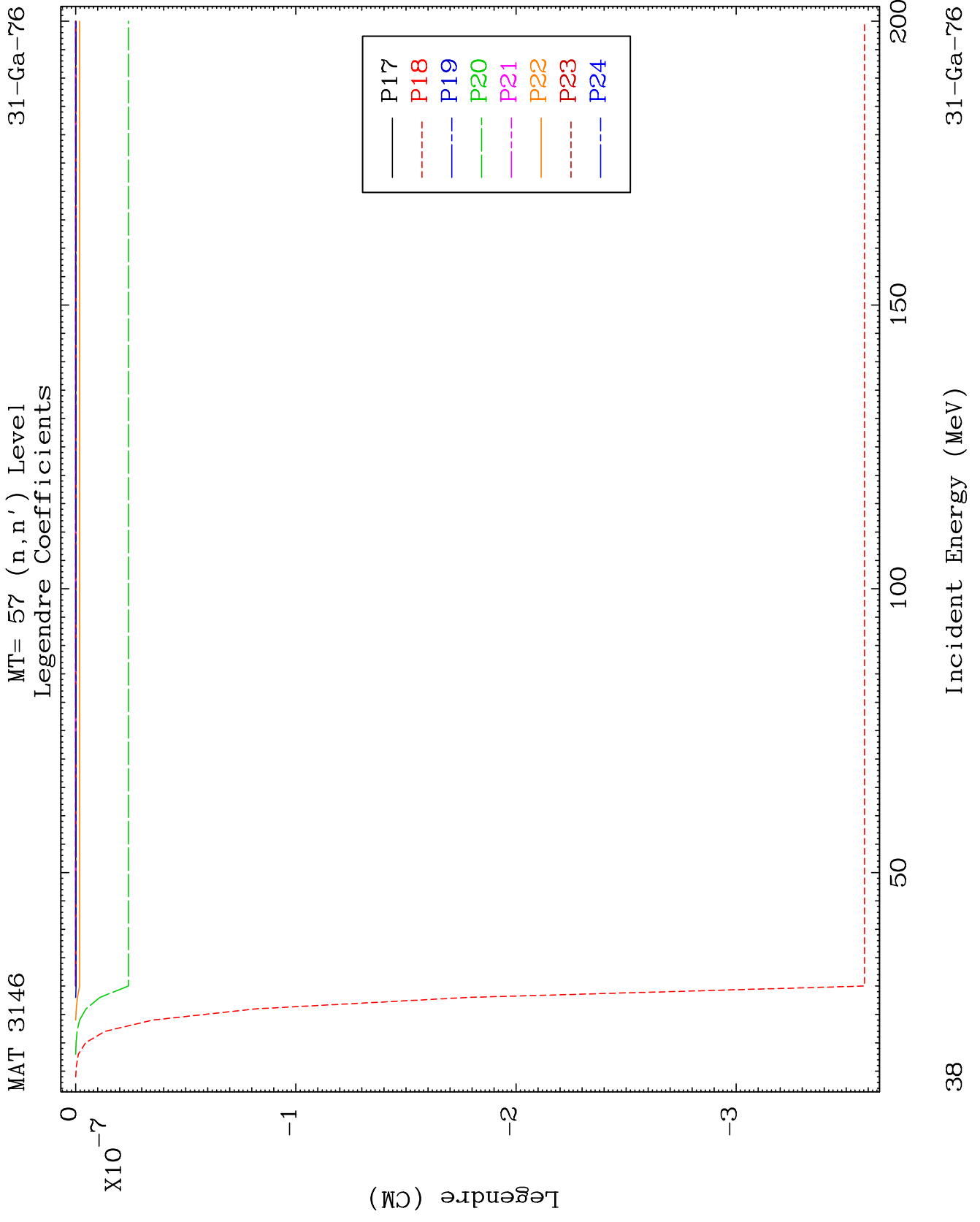
31-Ga-76



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Incident Energy (MeV)

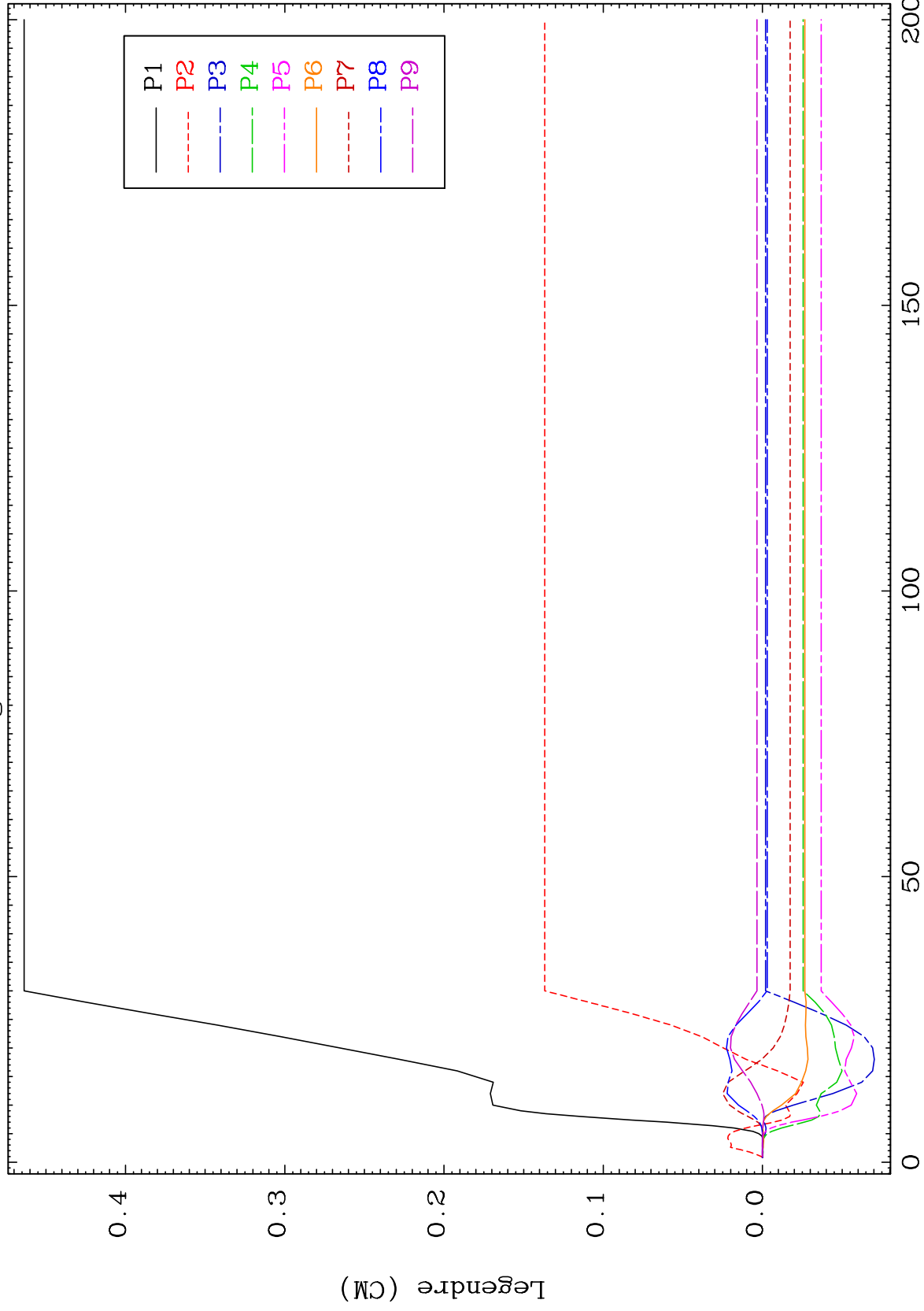
31-Ga-76



MAT 3146

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

31-Ga-76



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Incident Energy (MeV)

31-Ga-76



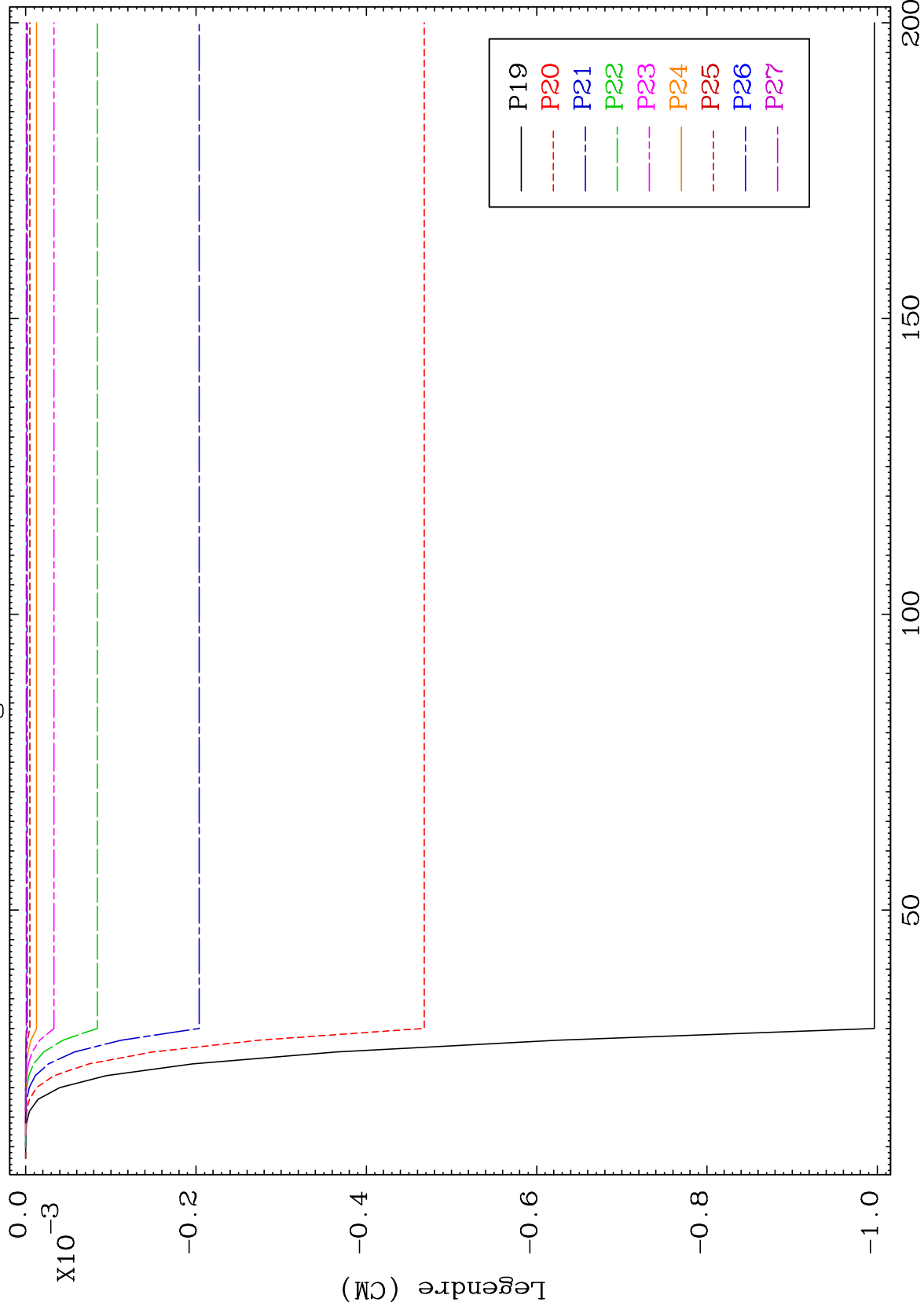


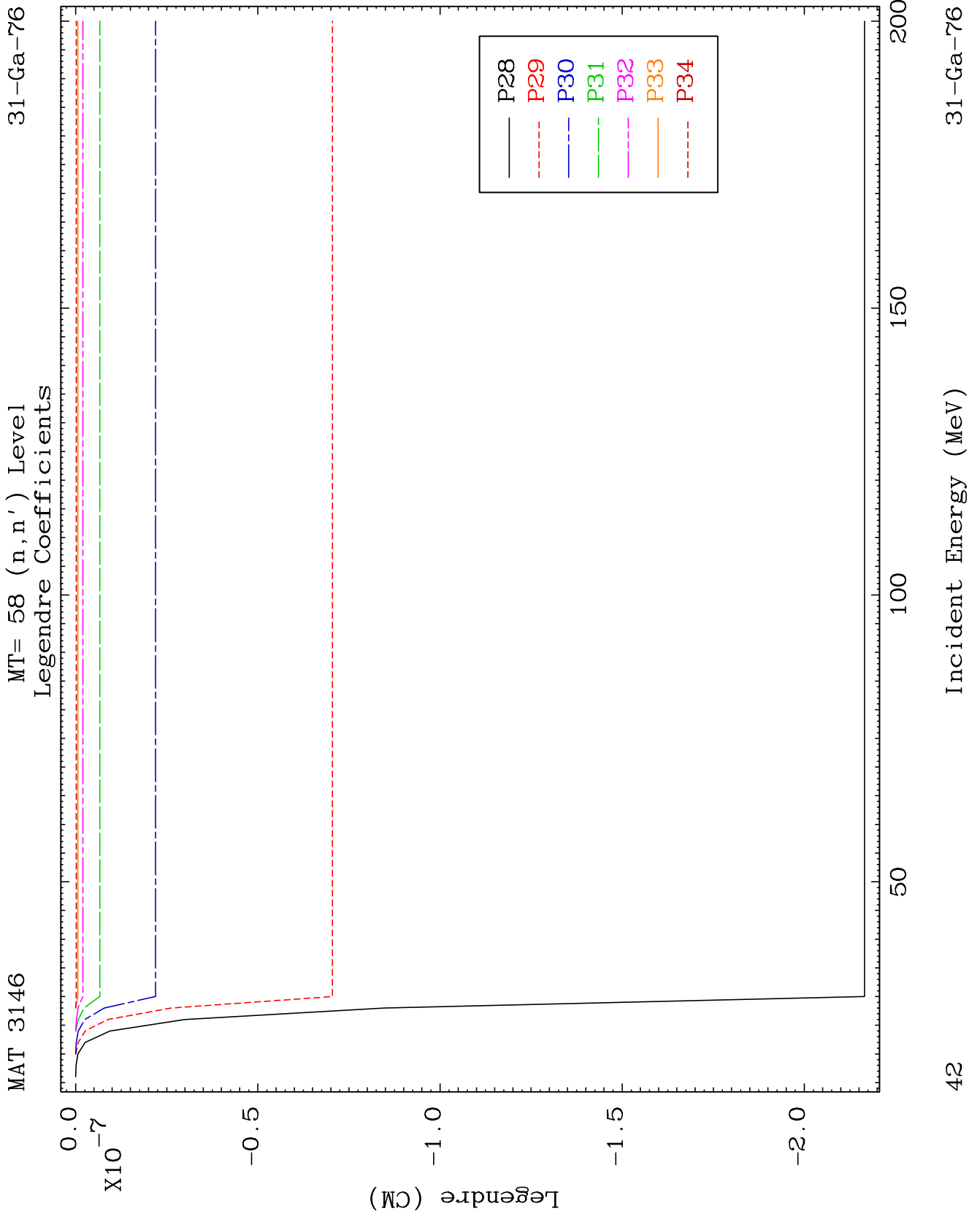
MAT 3146

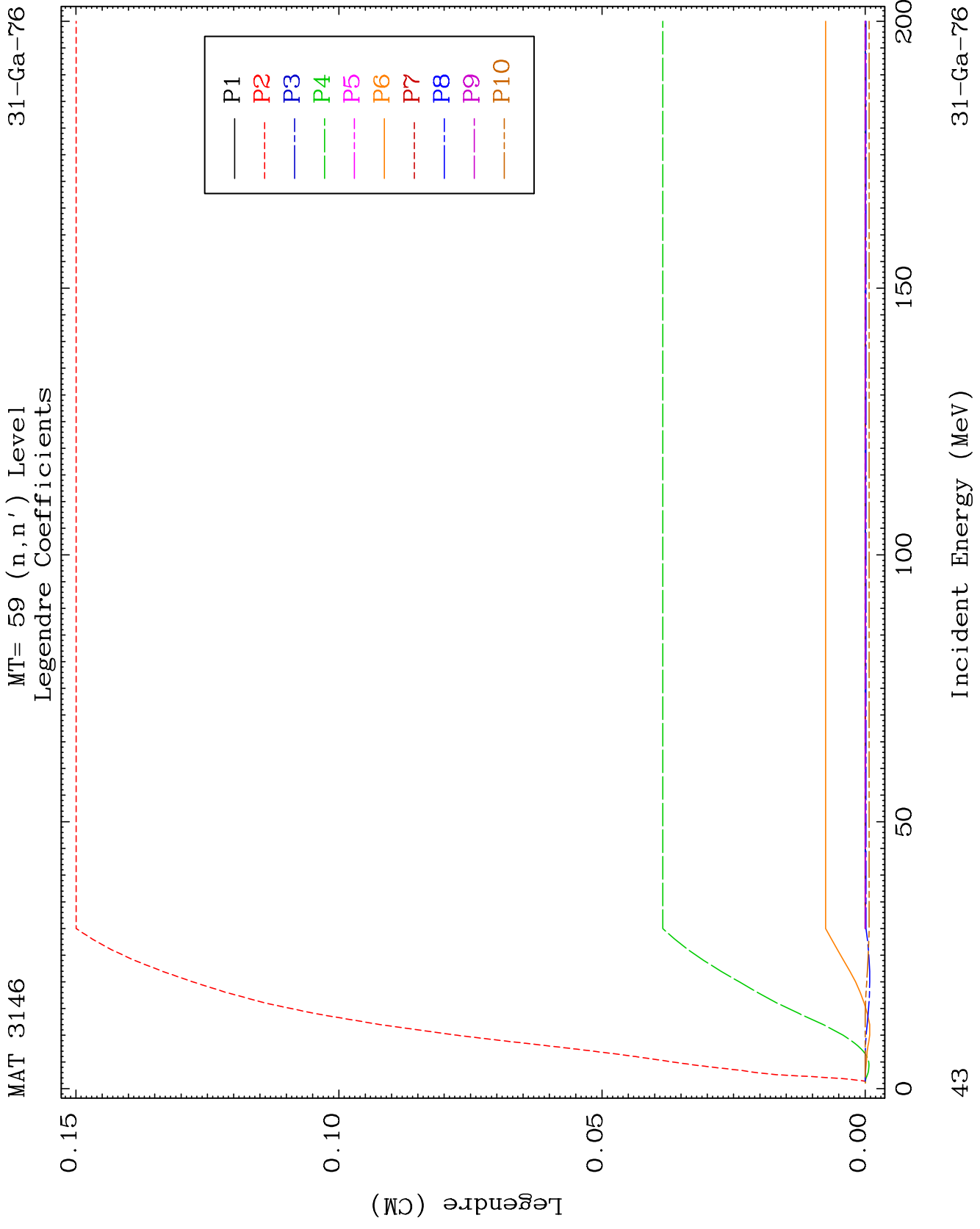
MT= 58 (n,n') Level

31-Ga-76

Legendre Coefficients



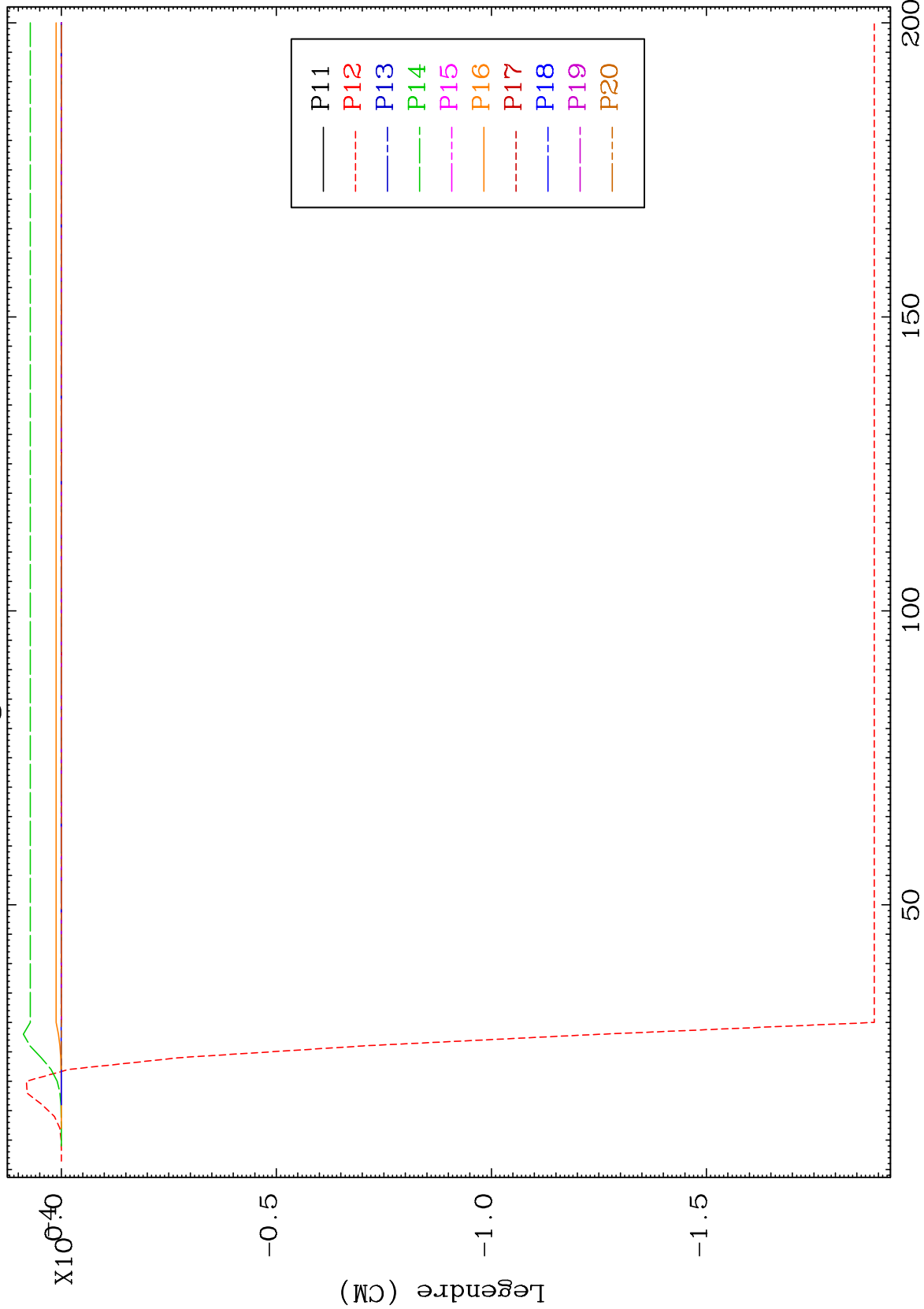




MAT 3146

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

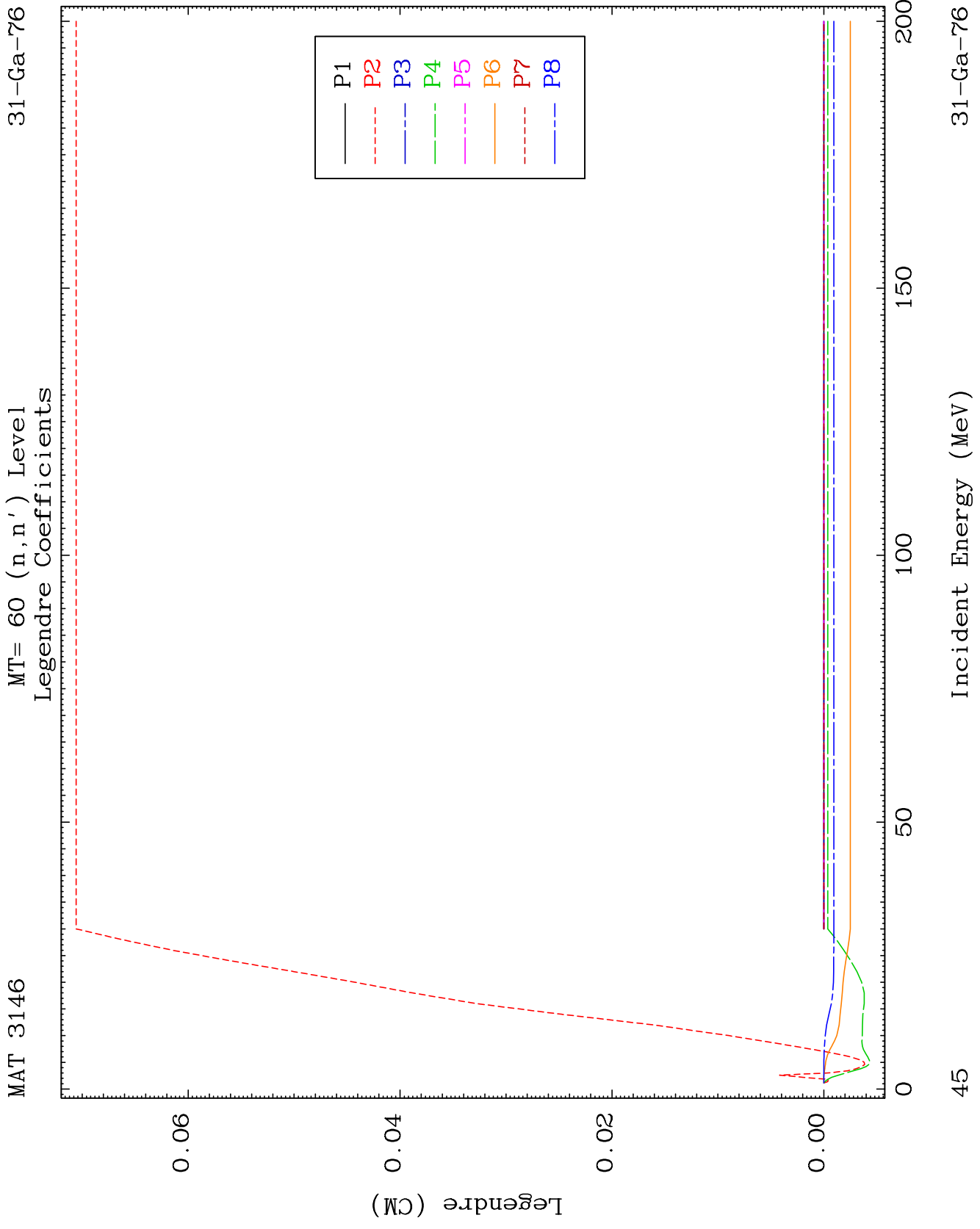
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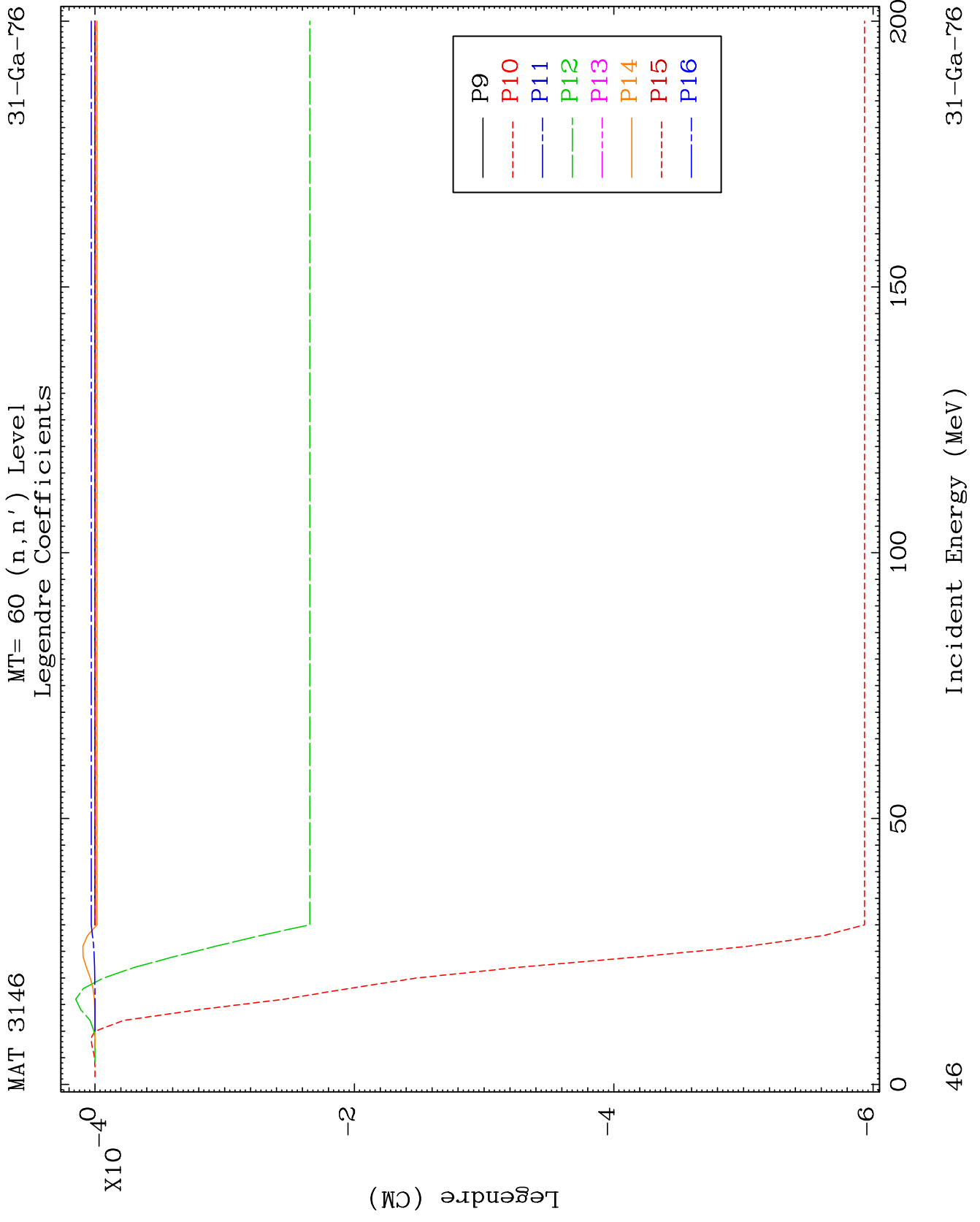


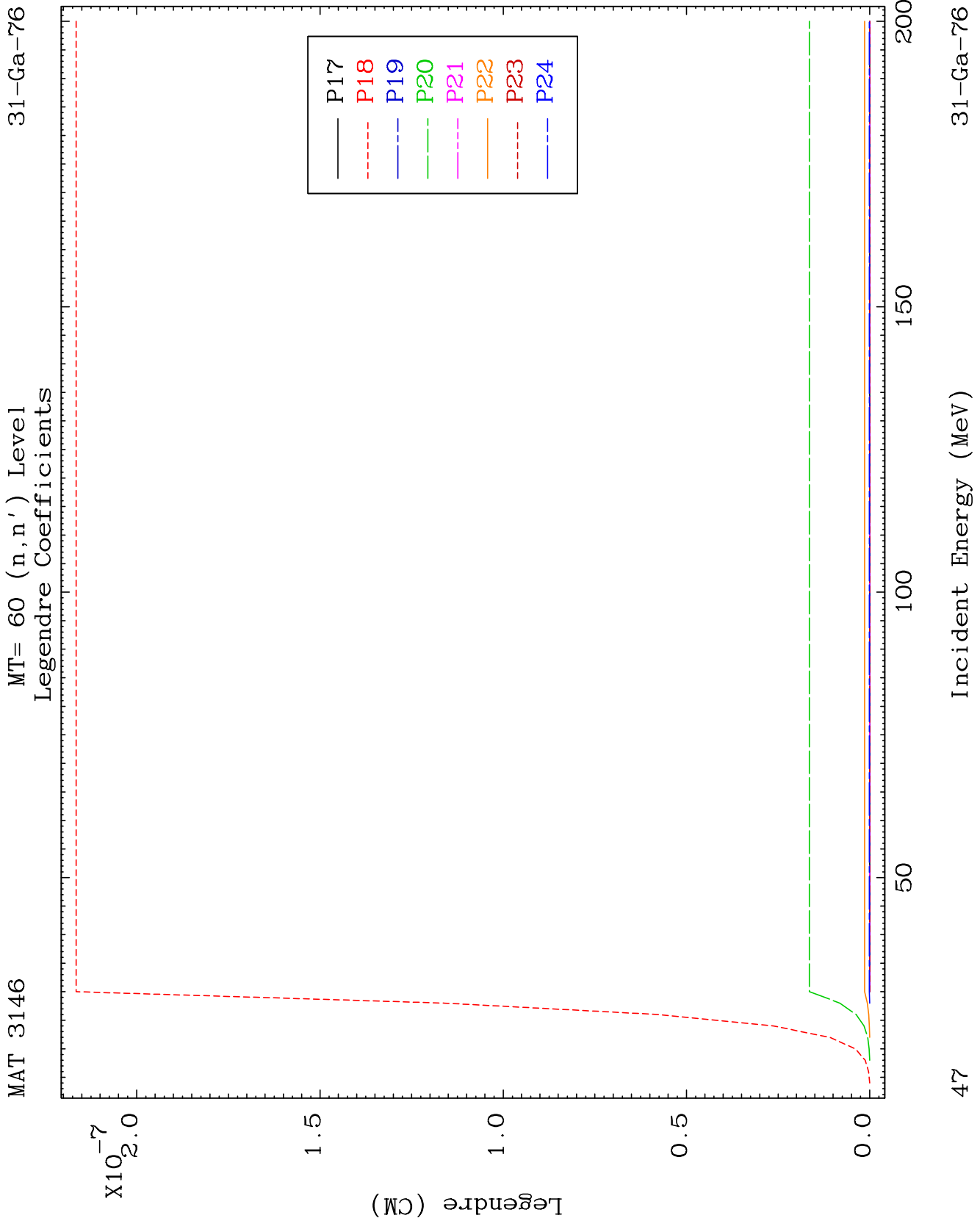
44

Incident Energy (MeV)

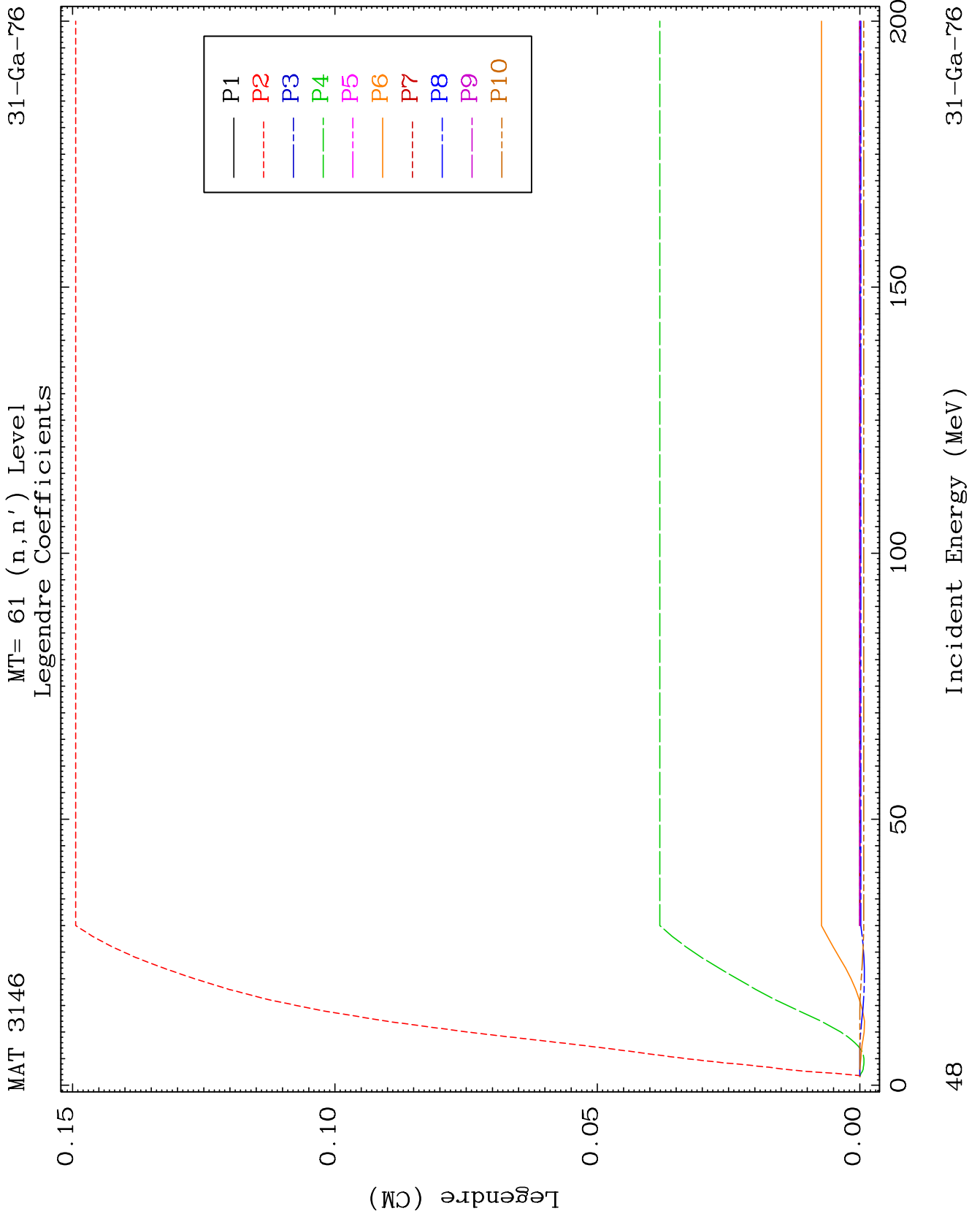
31-Ga-76







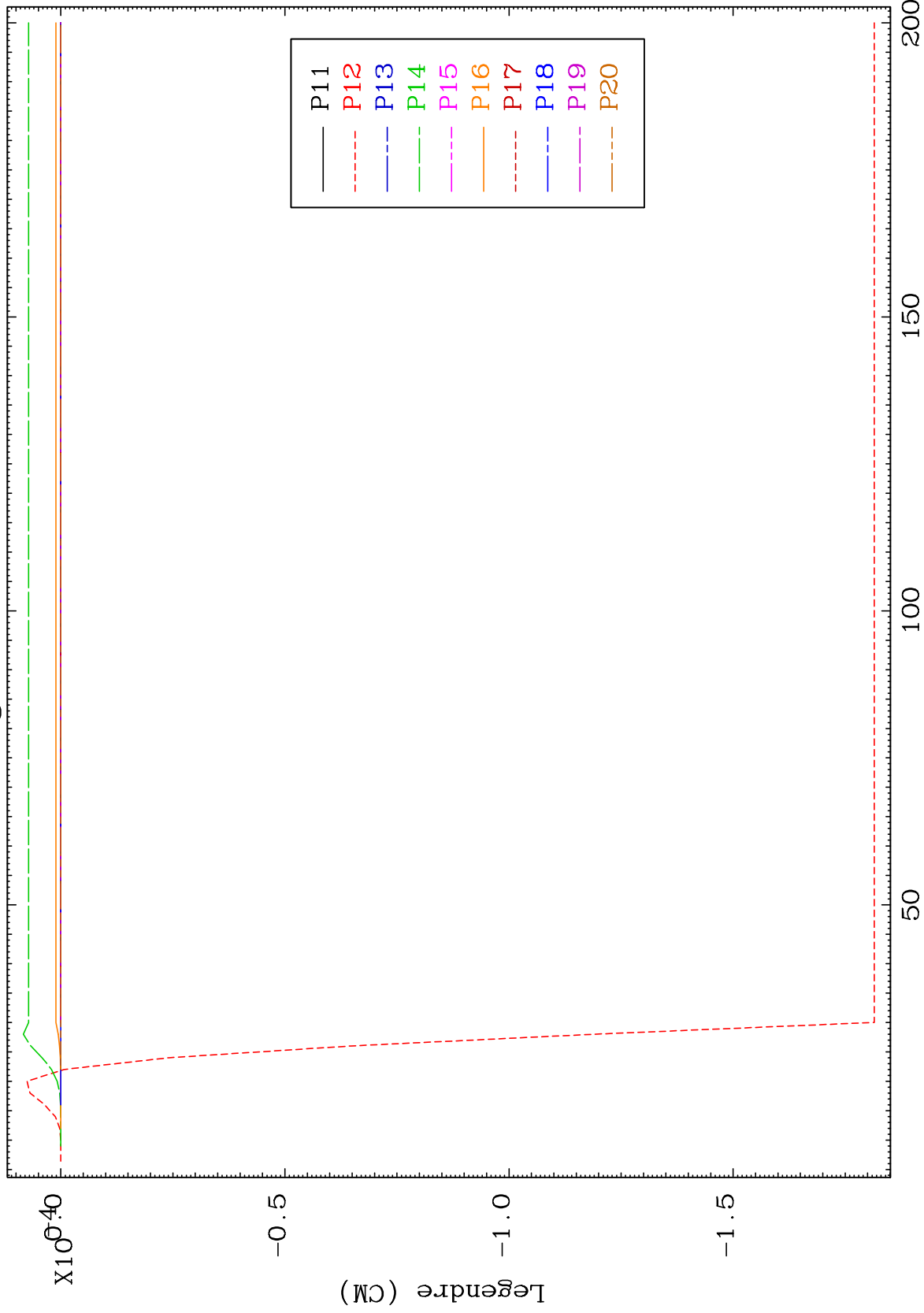


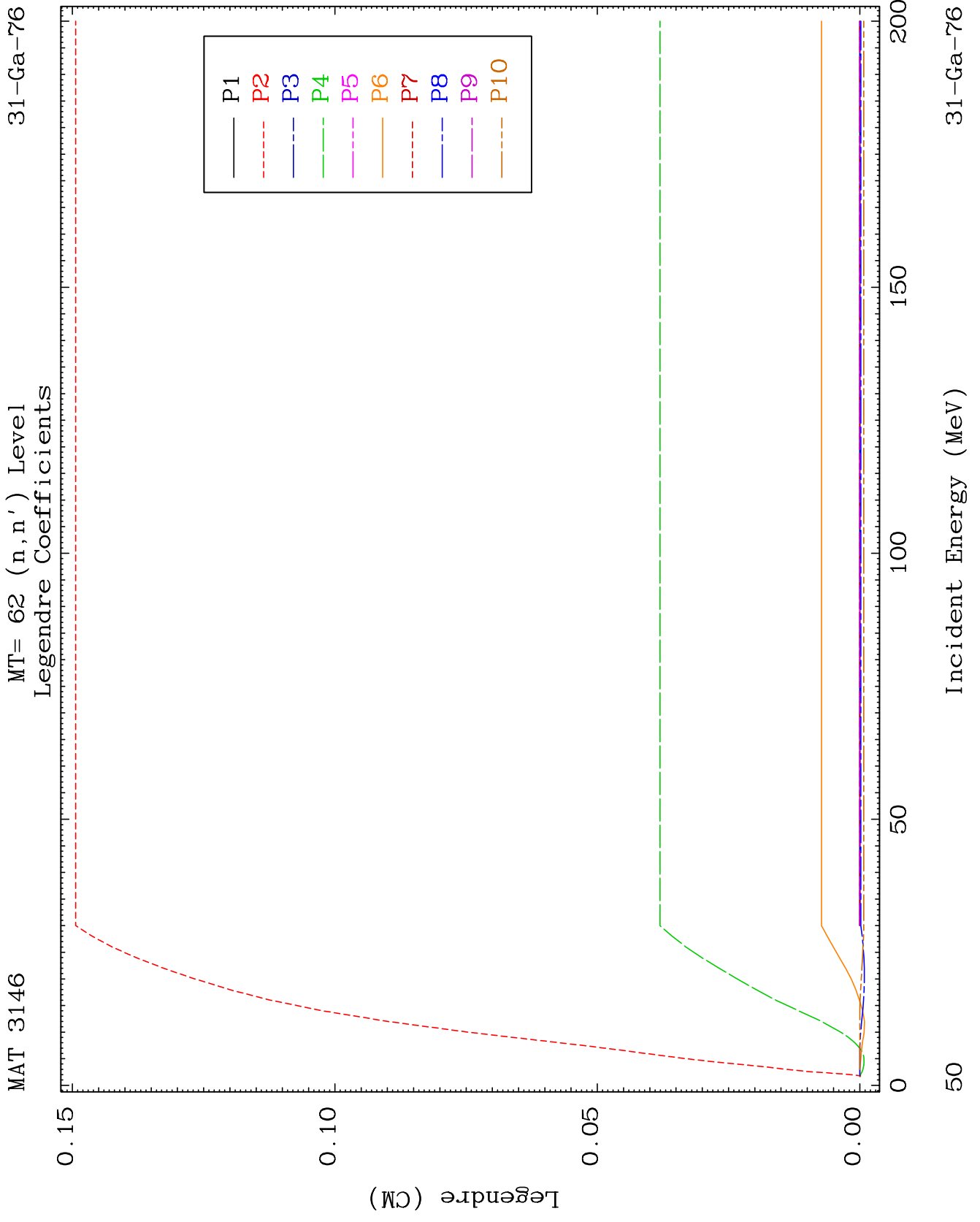


MAT 3146

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

31-Ga-76

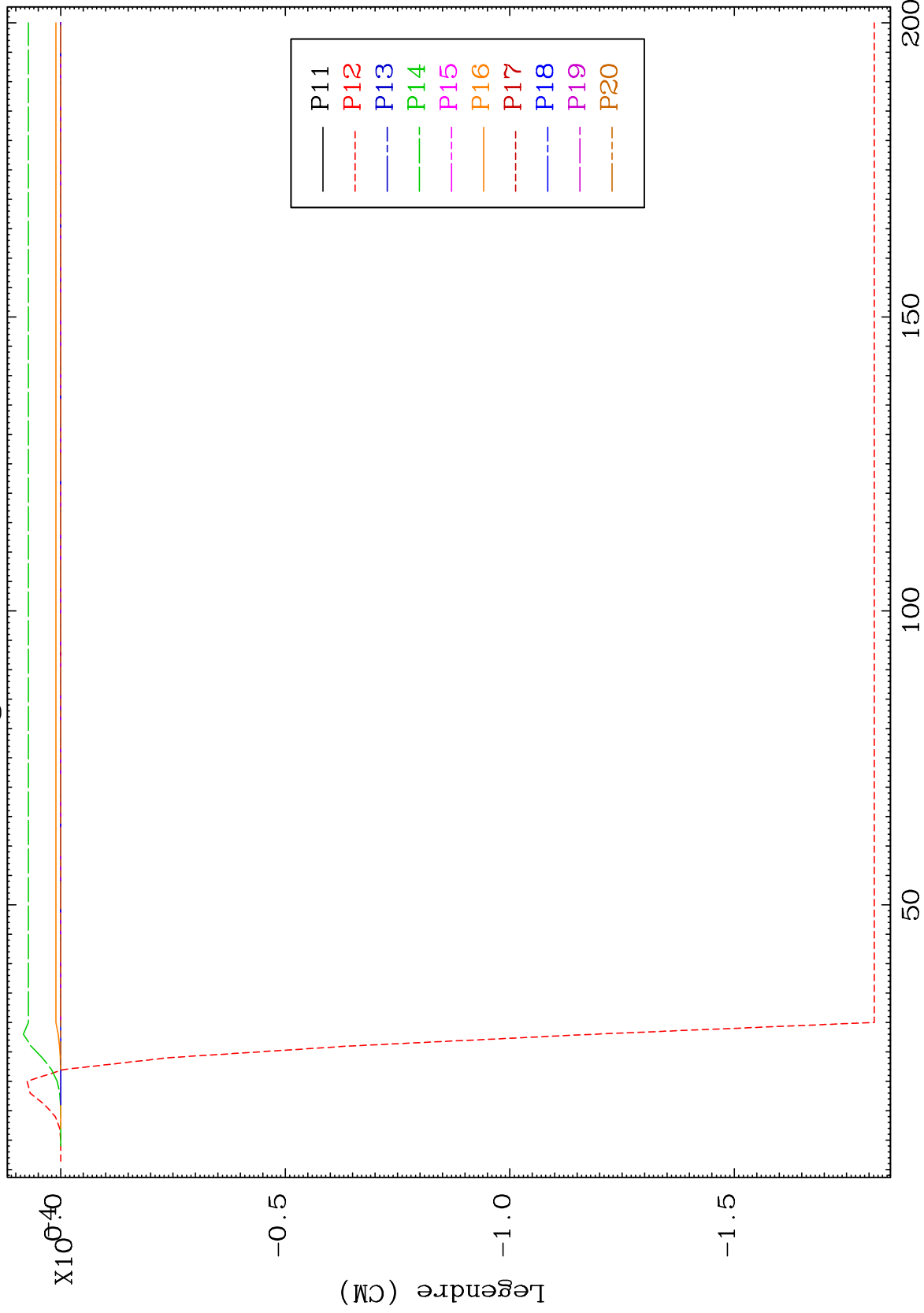




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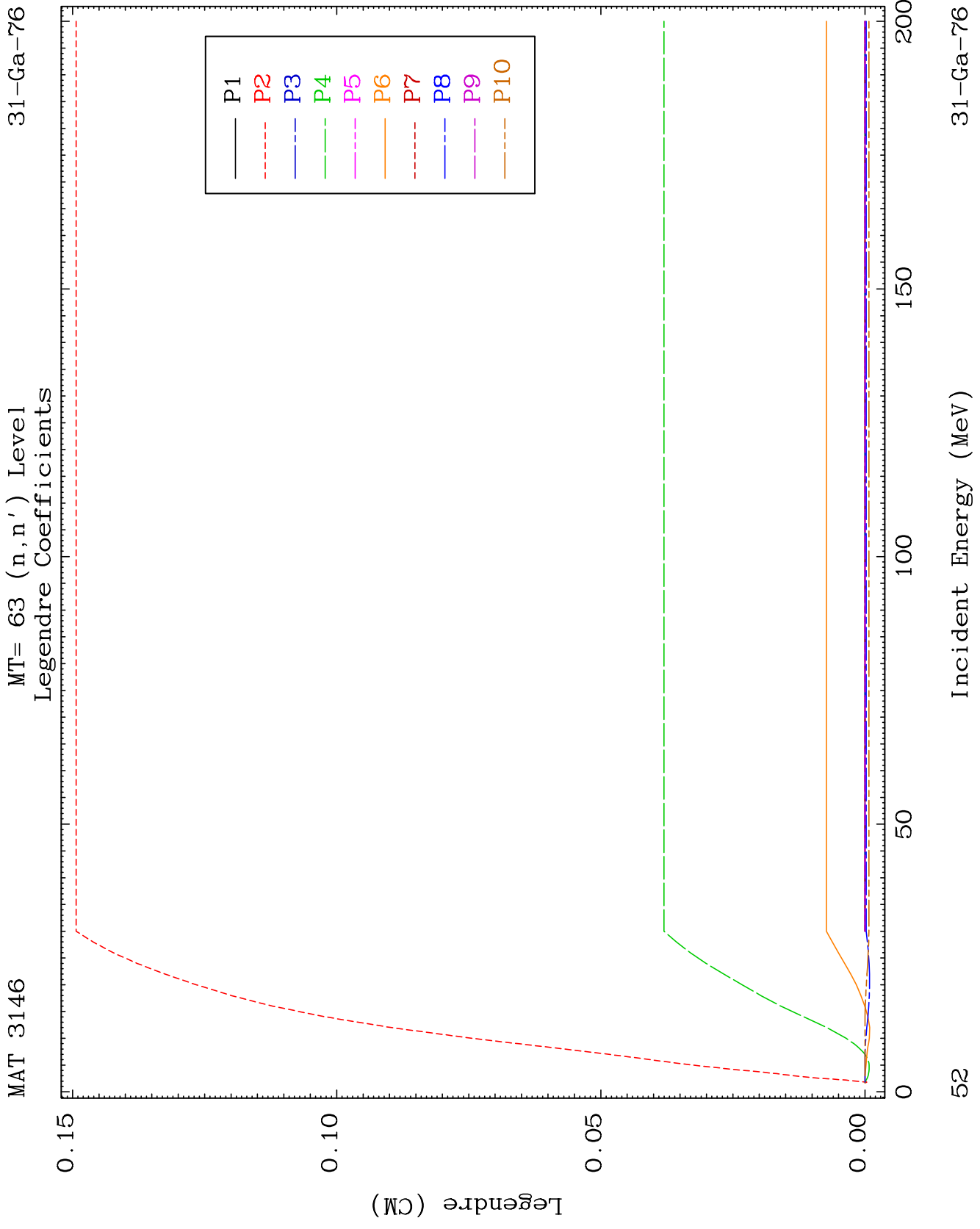
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Legendre Coefficients

31-Ga-76



51

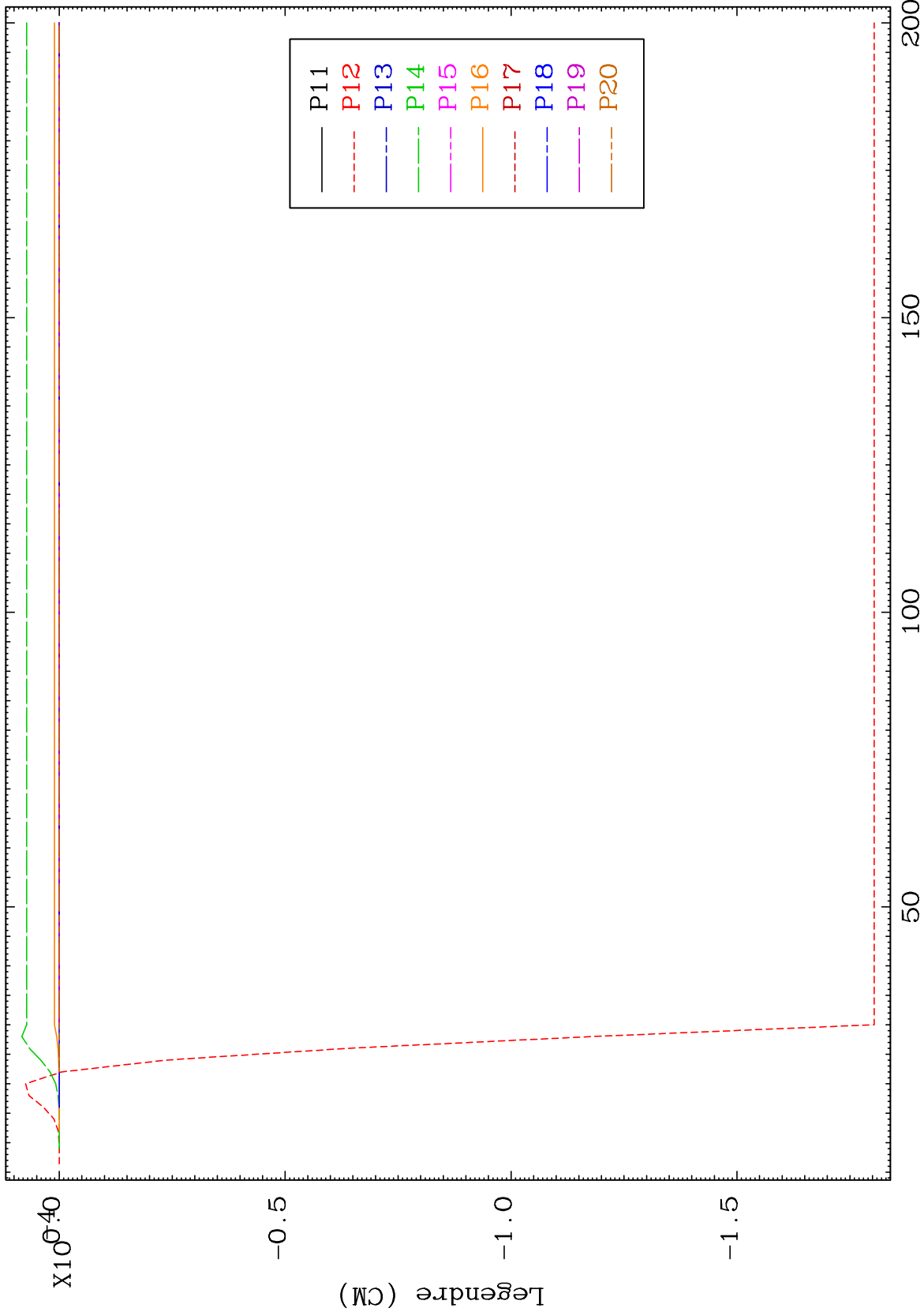
31-Ga-76



MAT 3146

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

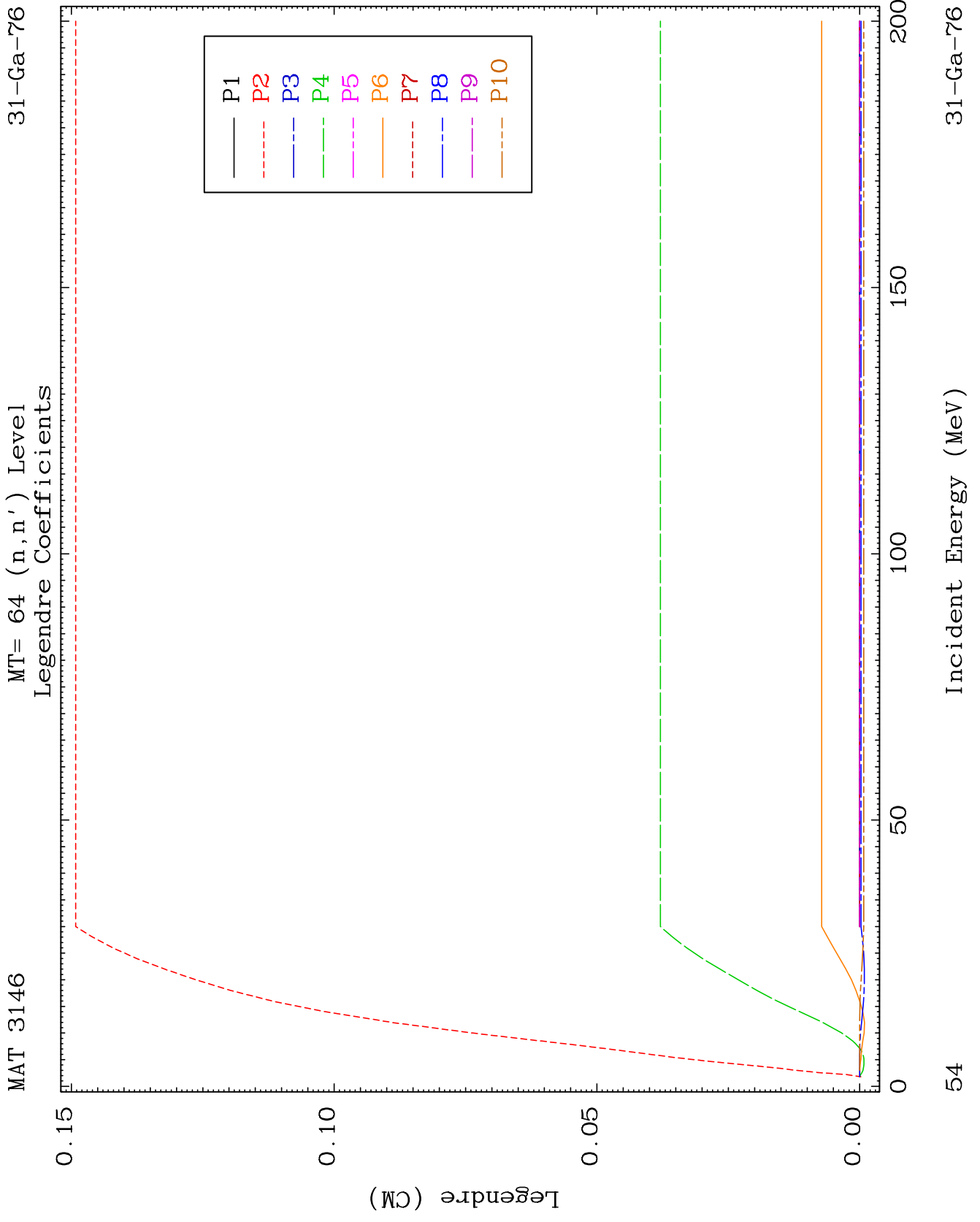
31-Ga-76



53

Incident Energy (MeV)

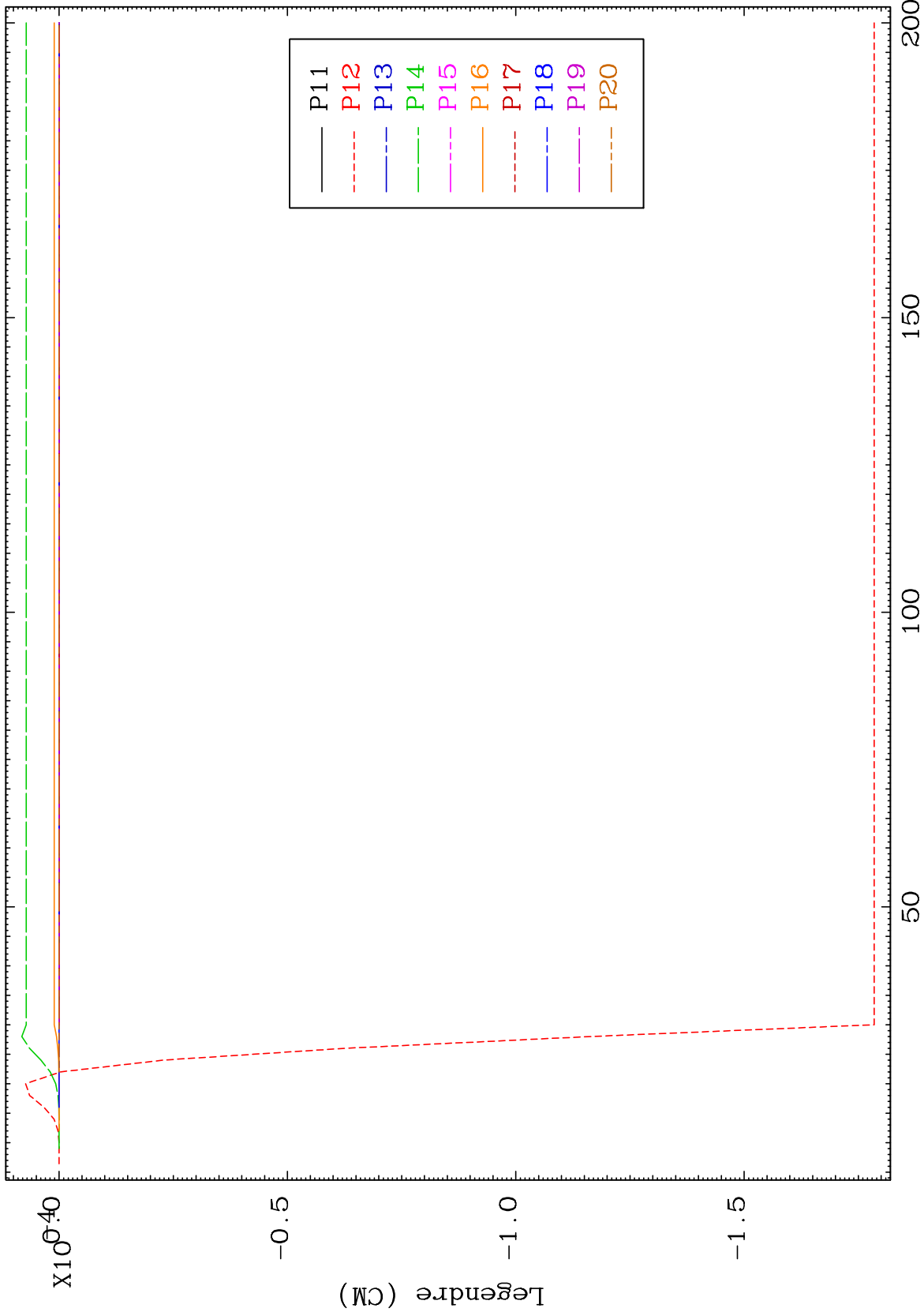
31-Ga-76



MAT 3146

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

31-Ga-76

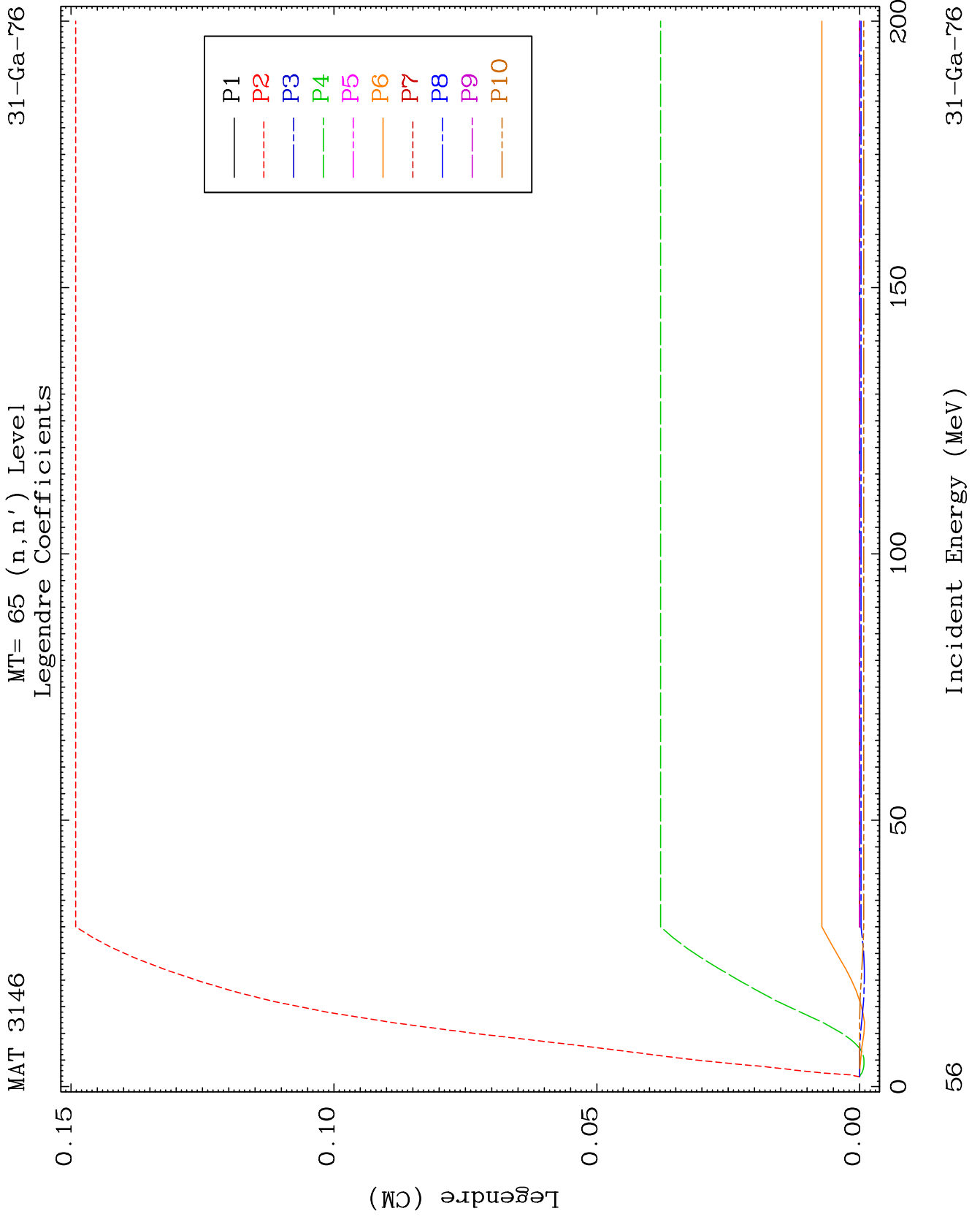


55

Incident Energy (MeV)

31-Ga-76

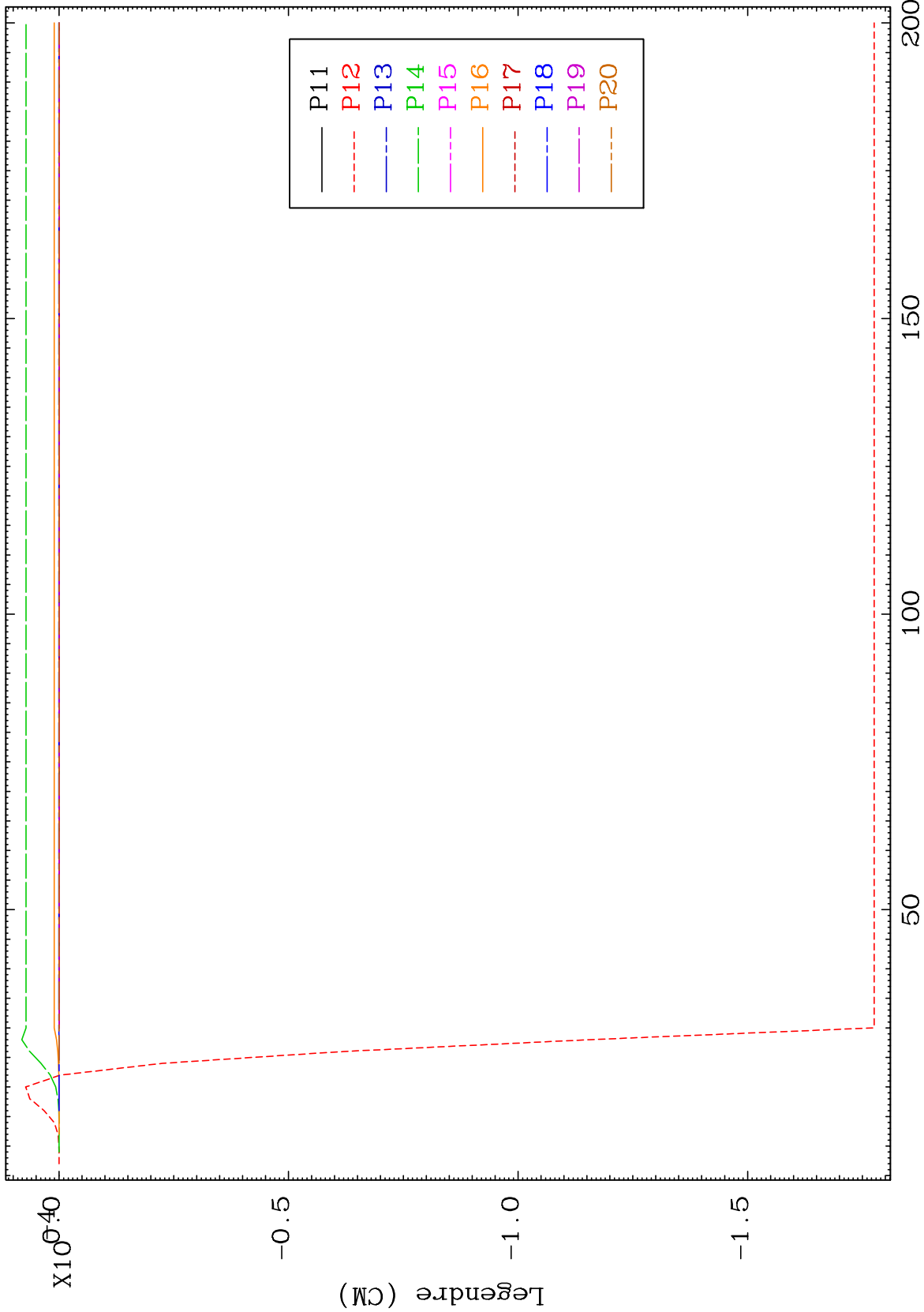




MAT 3146

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

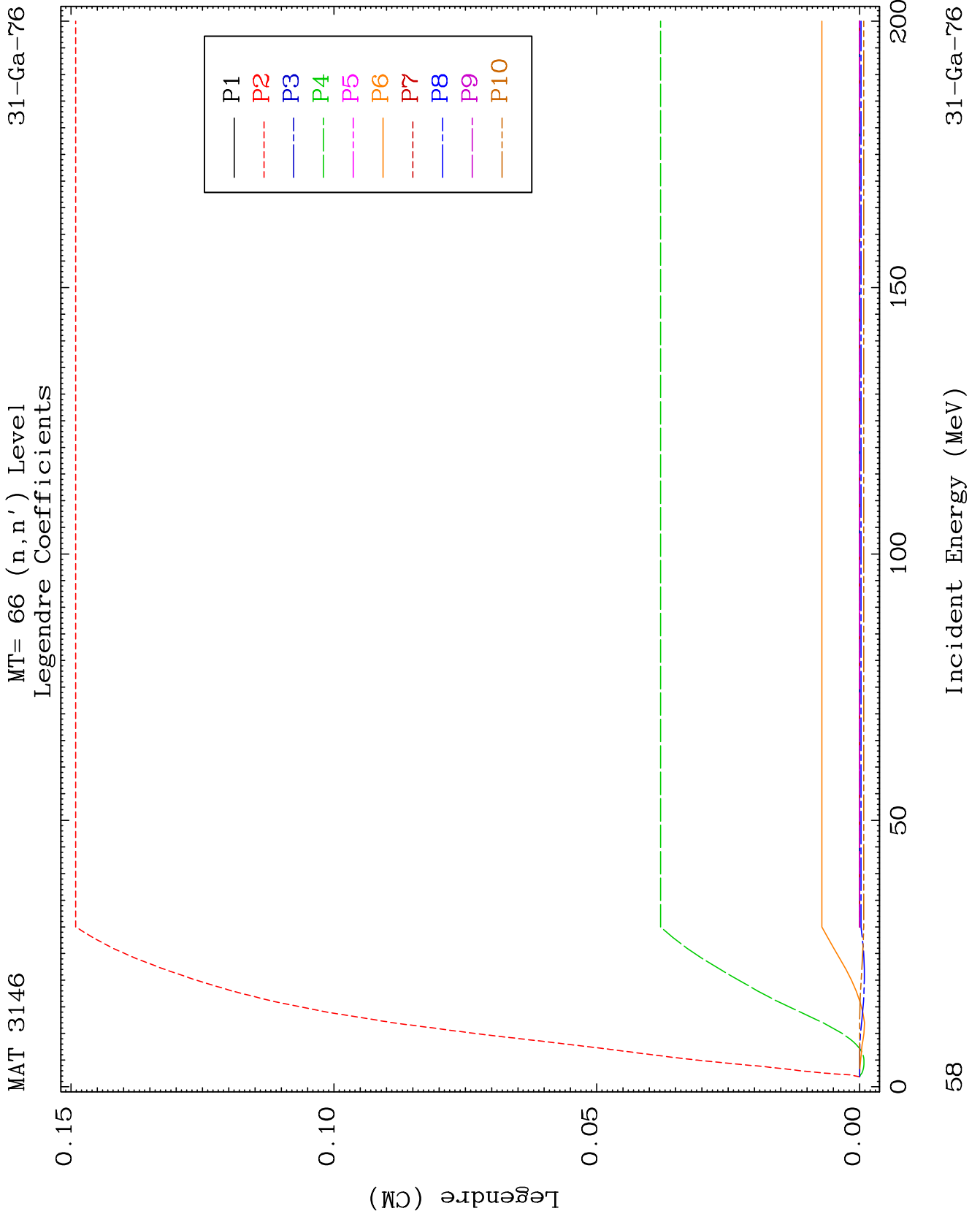
31-Ga-76



57

Incident Energy (MeV)

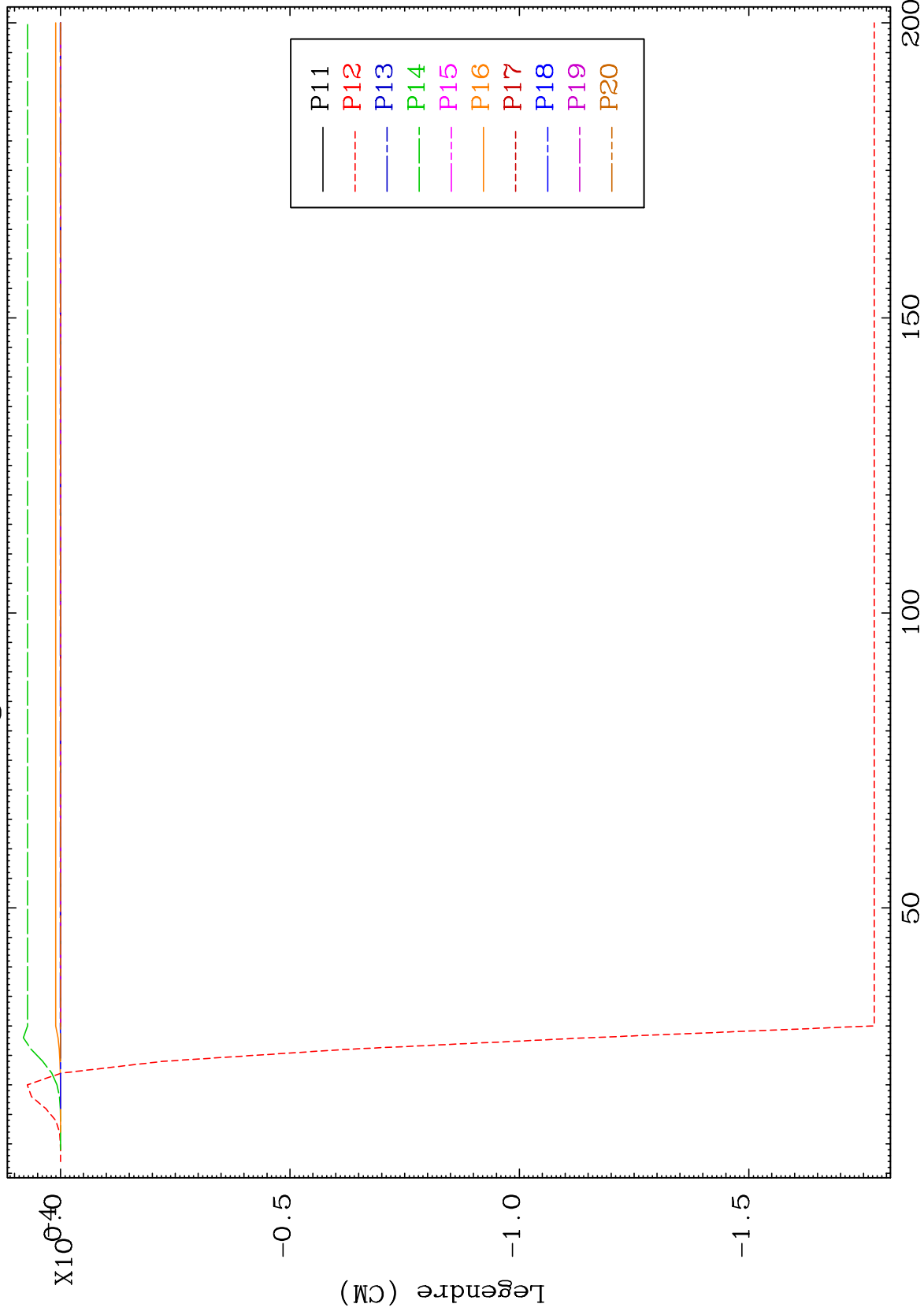
31-Ga-76



MAT 3146

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

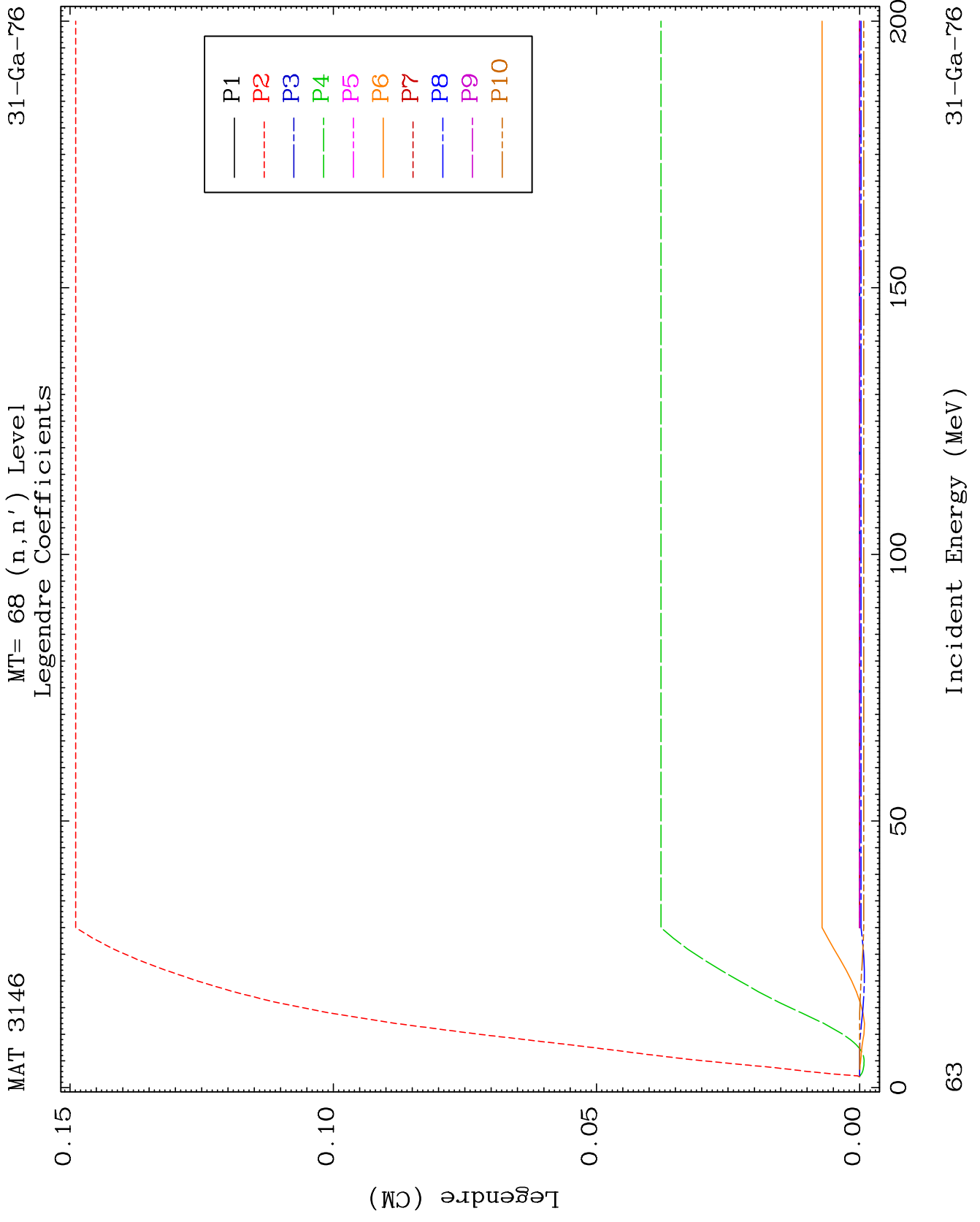
31-Ga-76



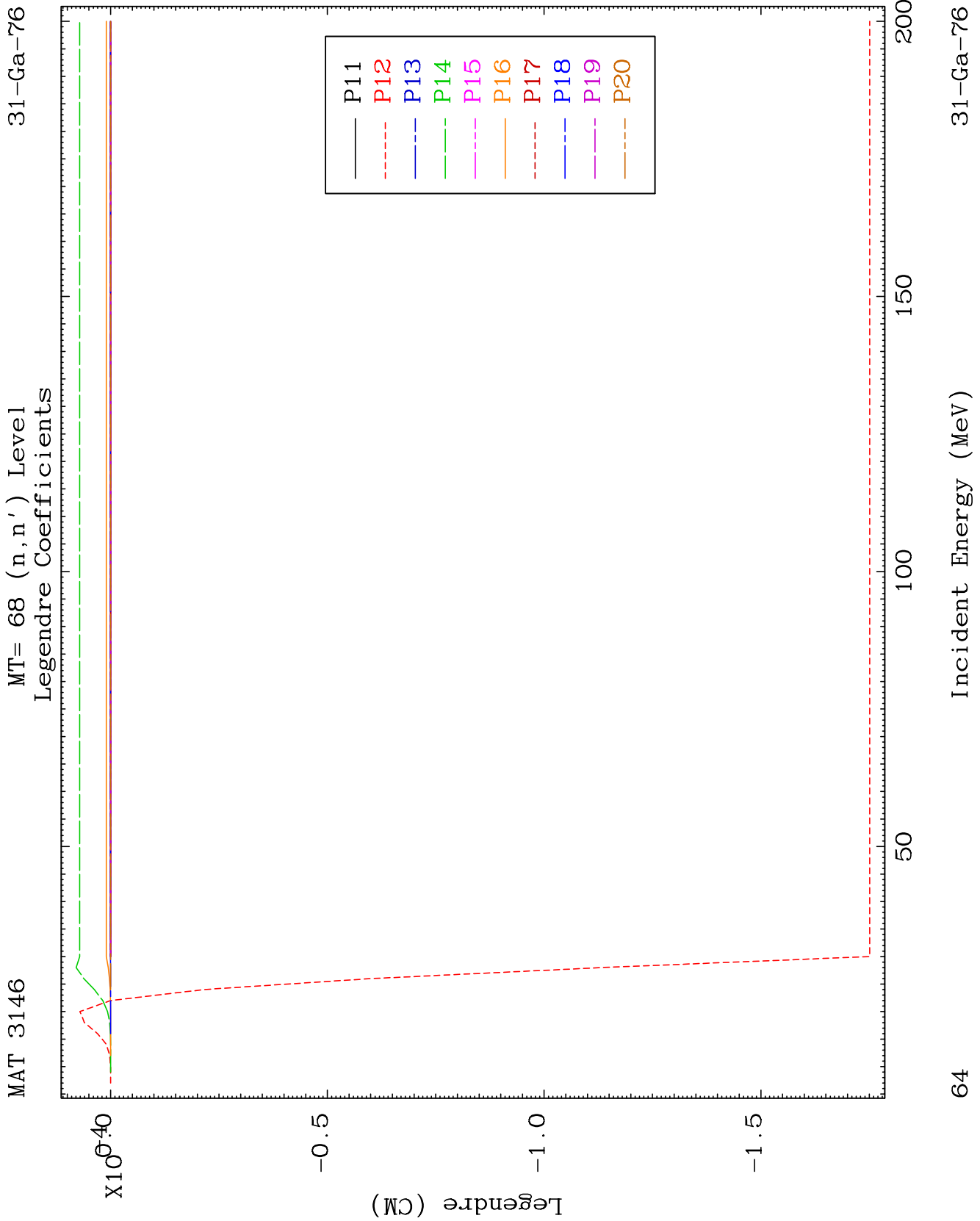










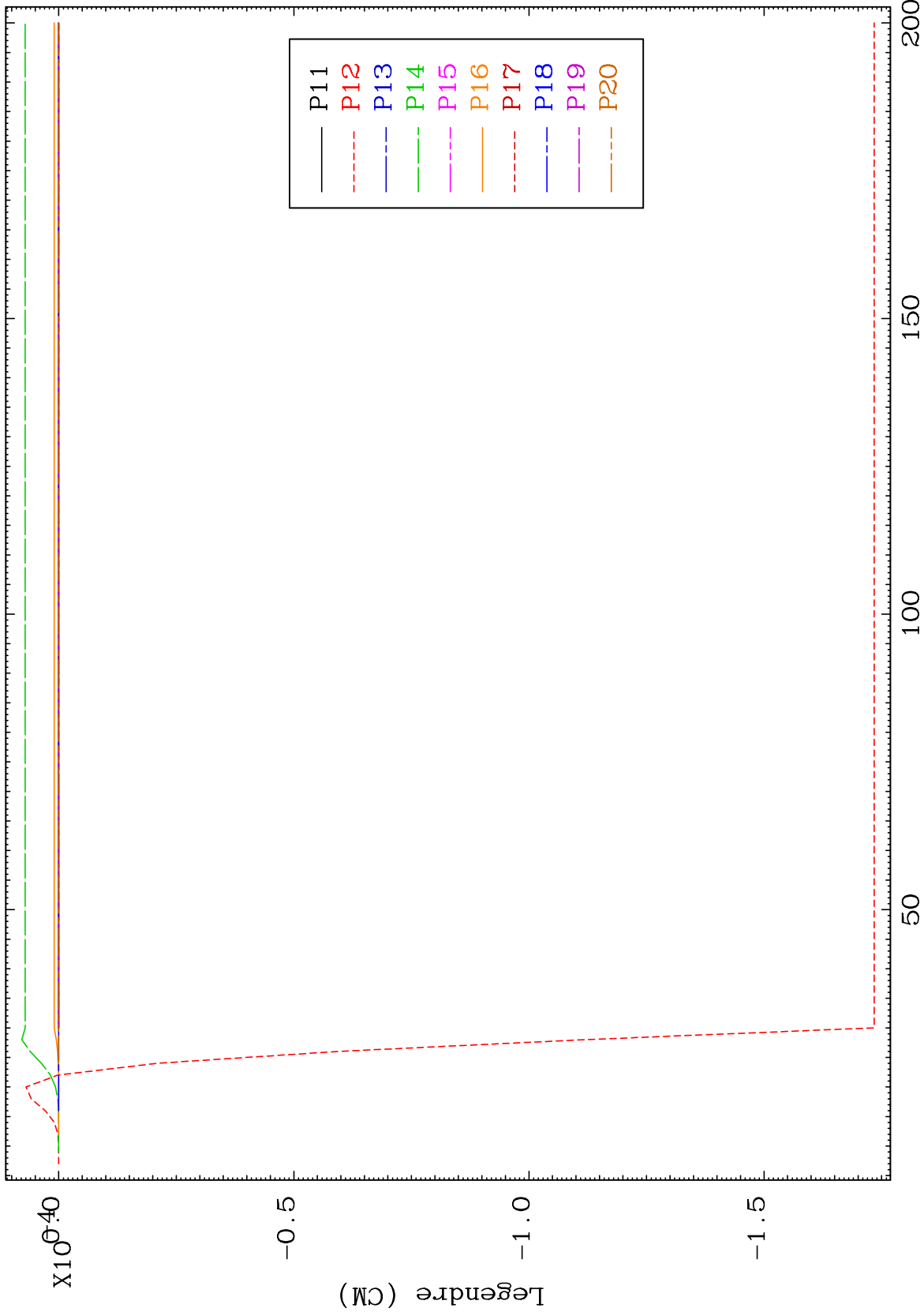




MAT 3146

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

31-Ga-76

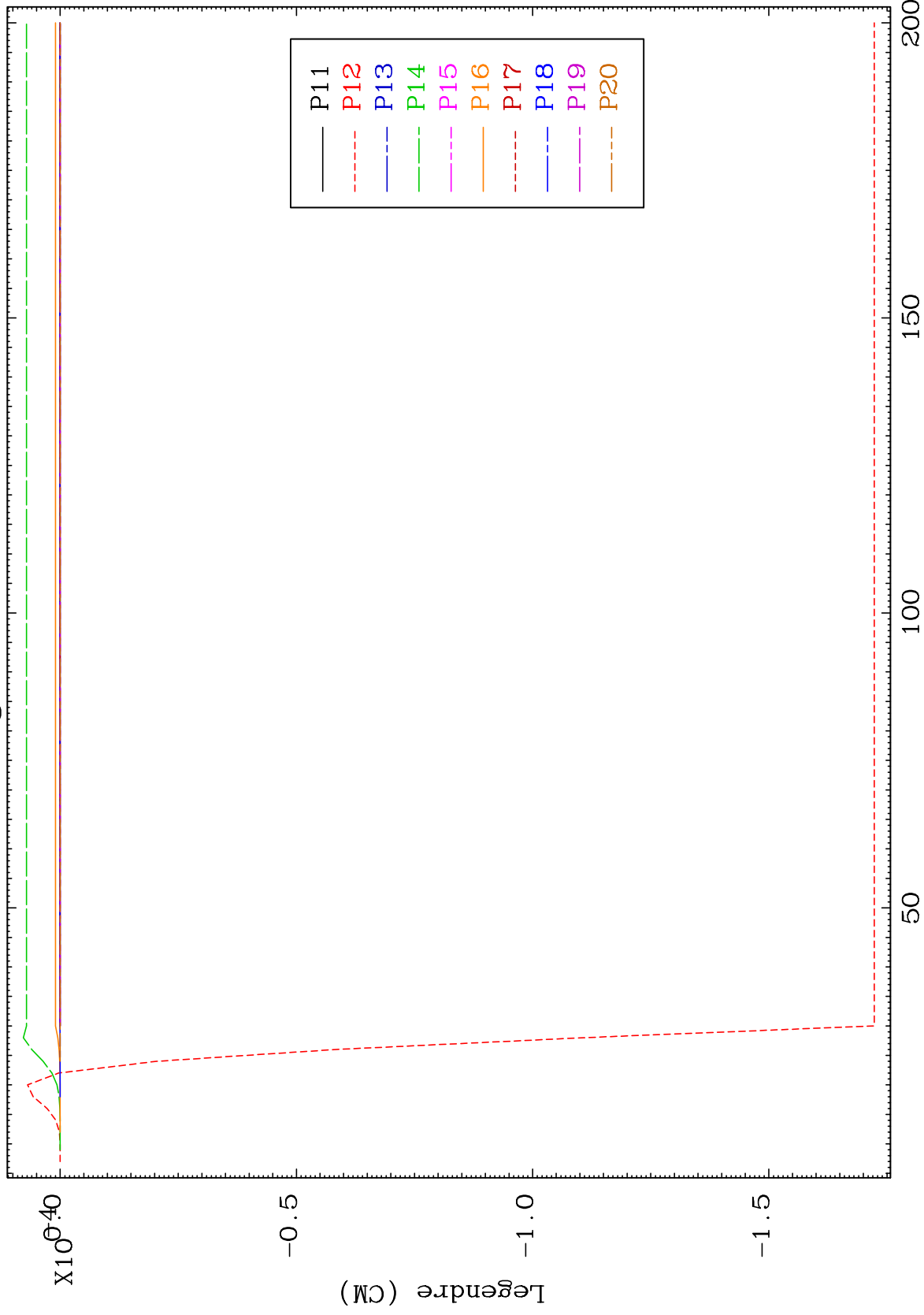




MAT 3146

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

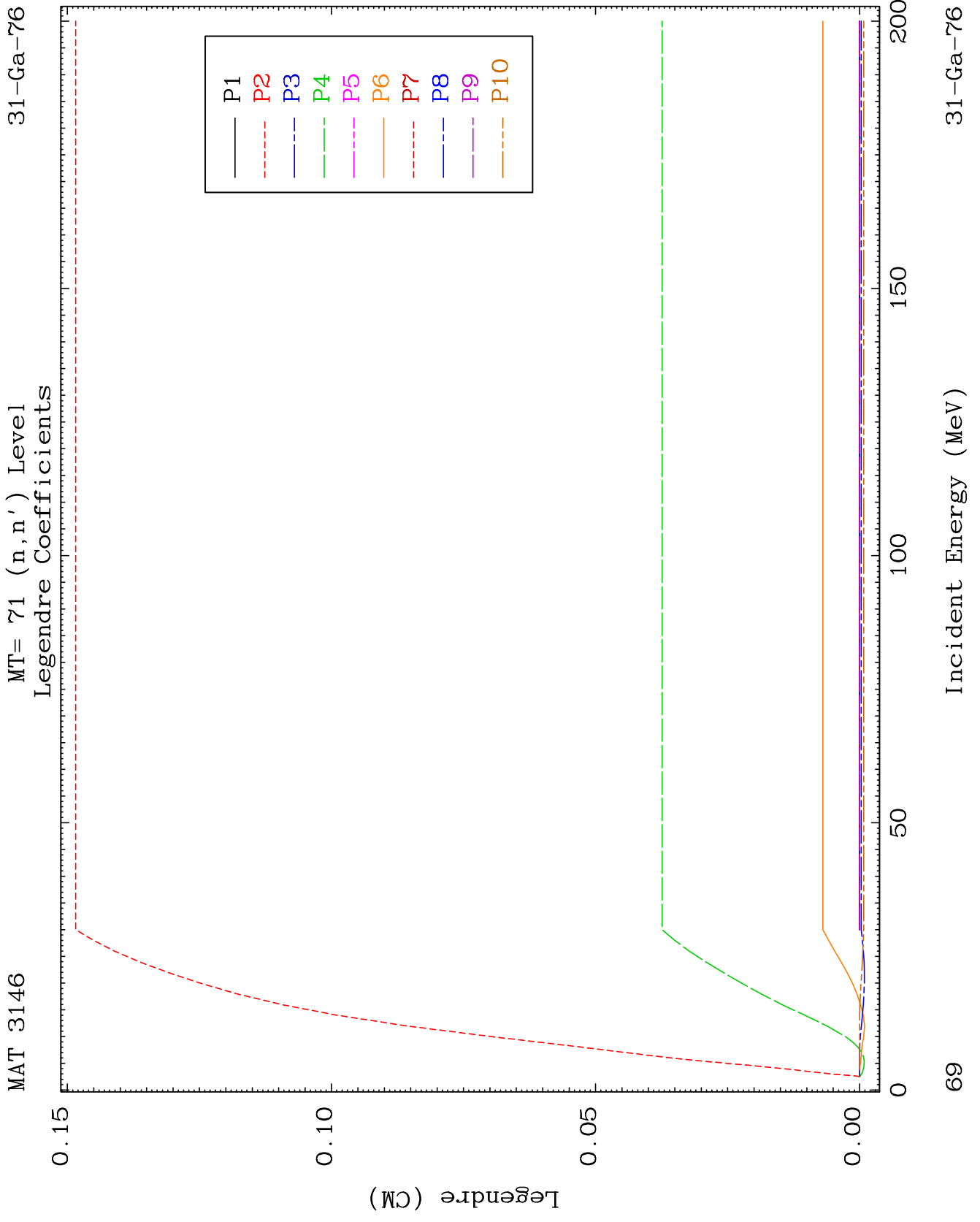
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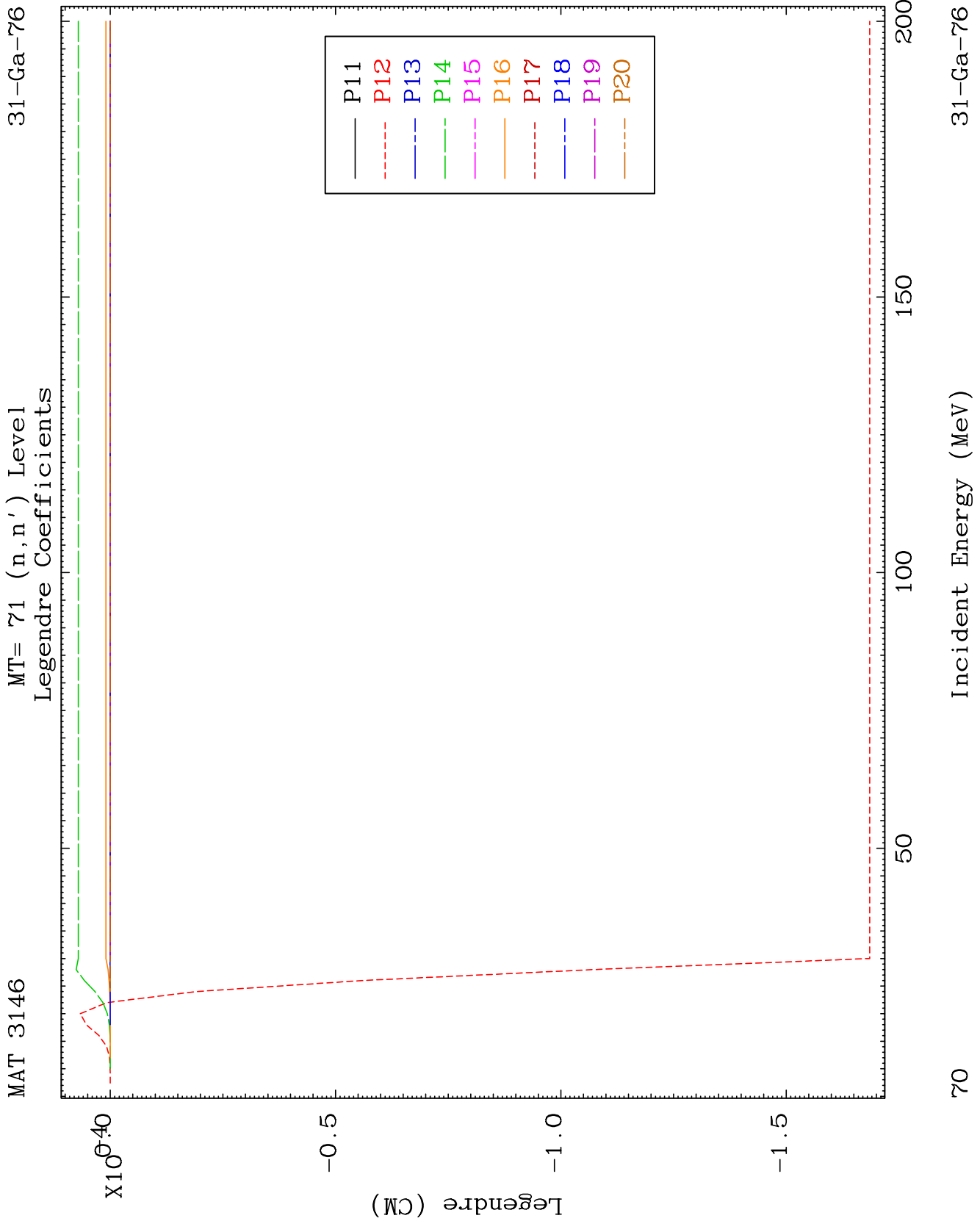


68

Incident Energy (MeV)

31-Ga-76

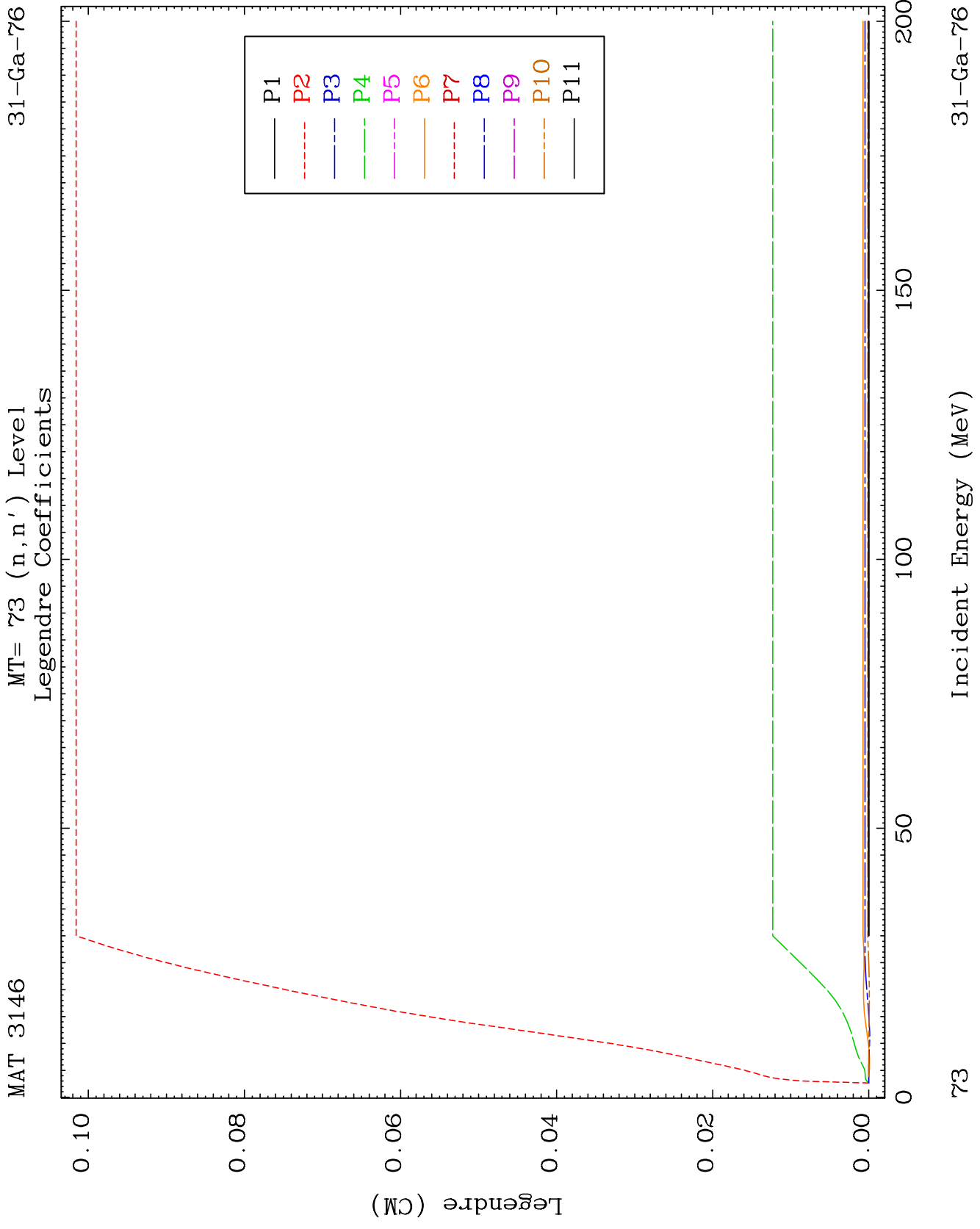








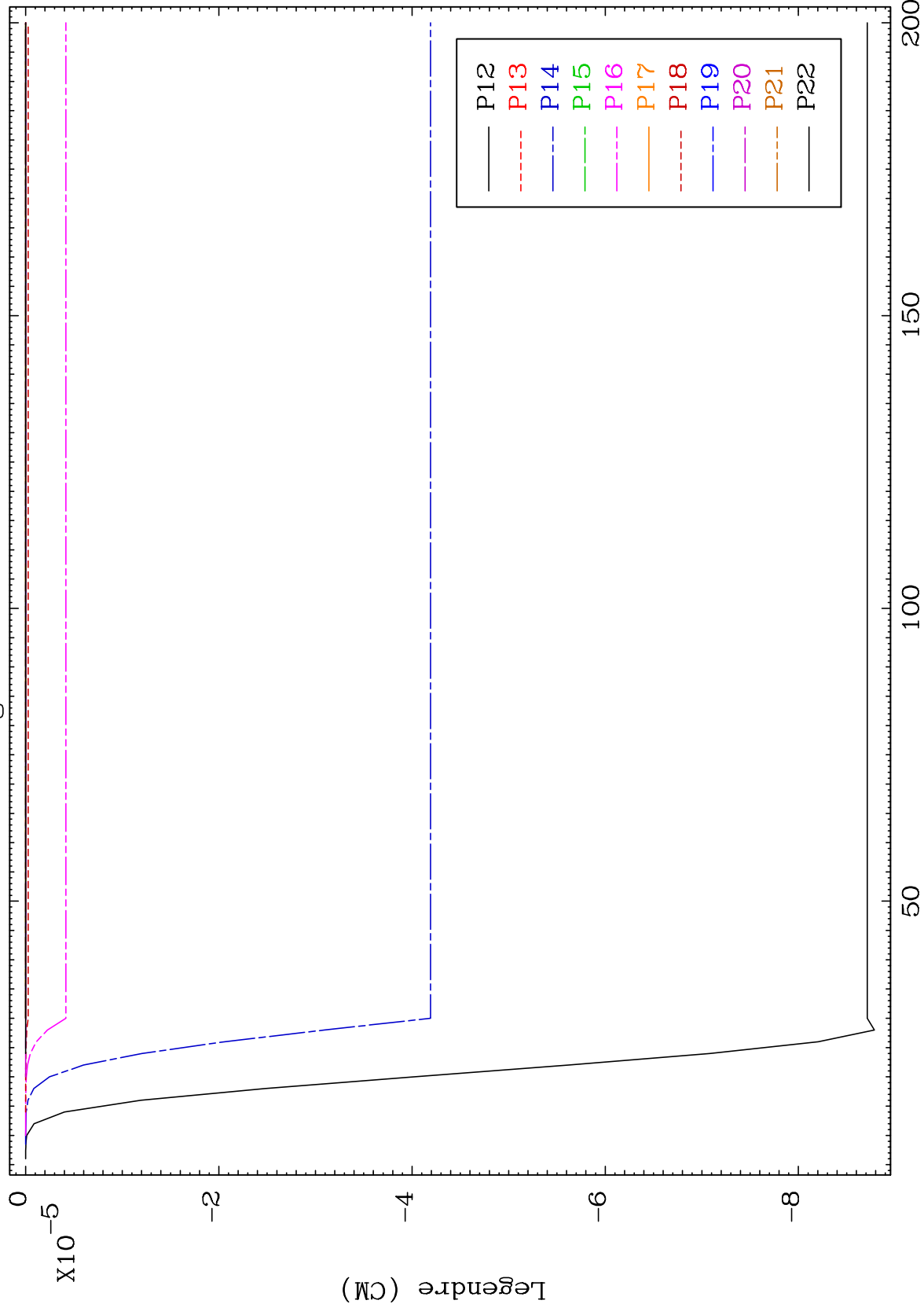




MAT 3146

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

31-Ga-76



31-Ga-76

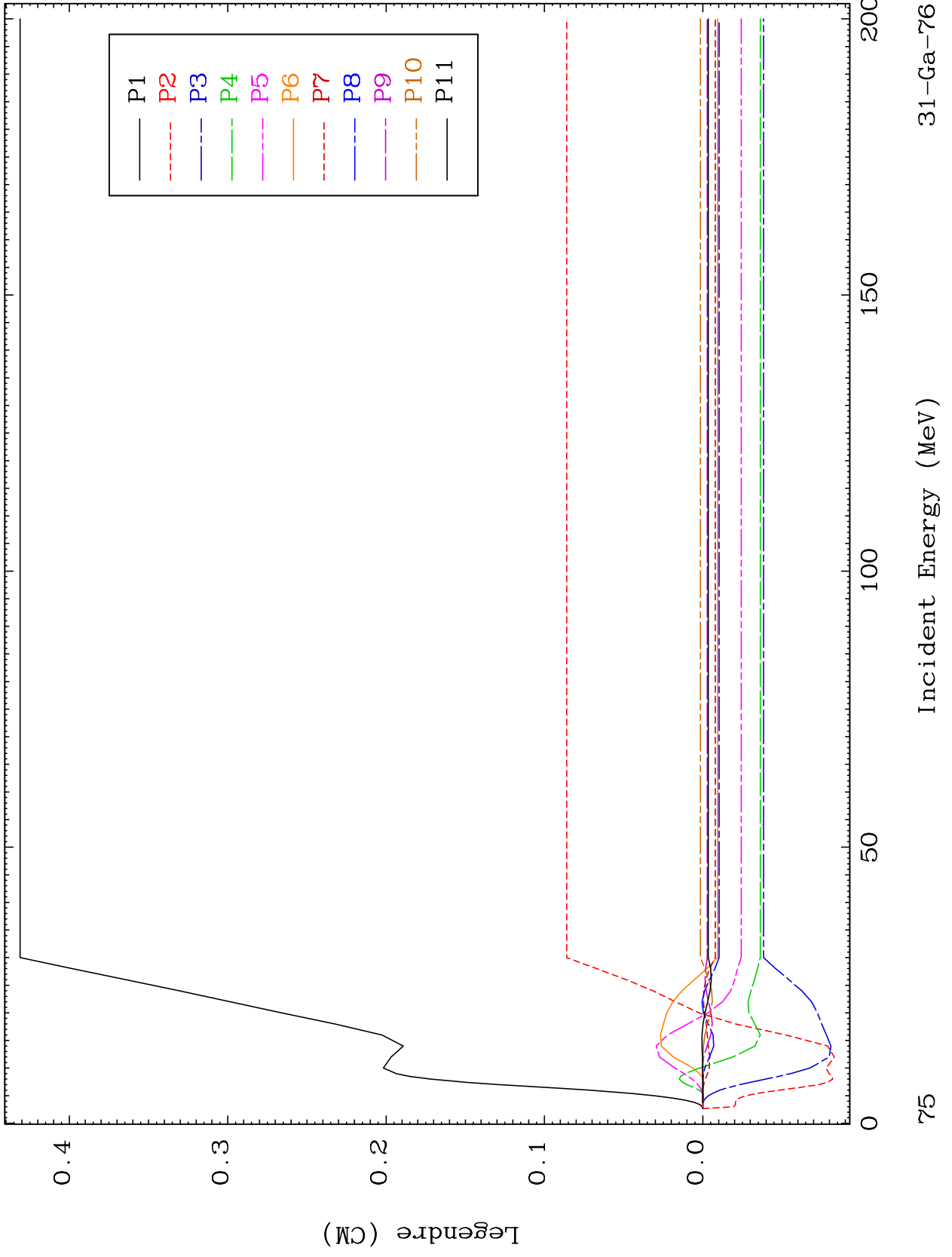
Incident Energy (MeV)

74

MAT 3146

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

<sup>31</sup>Ga-76



<sup>31</sup>Ga-76

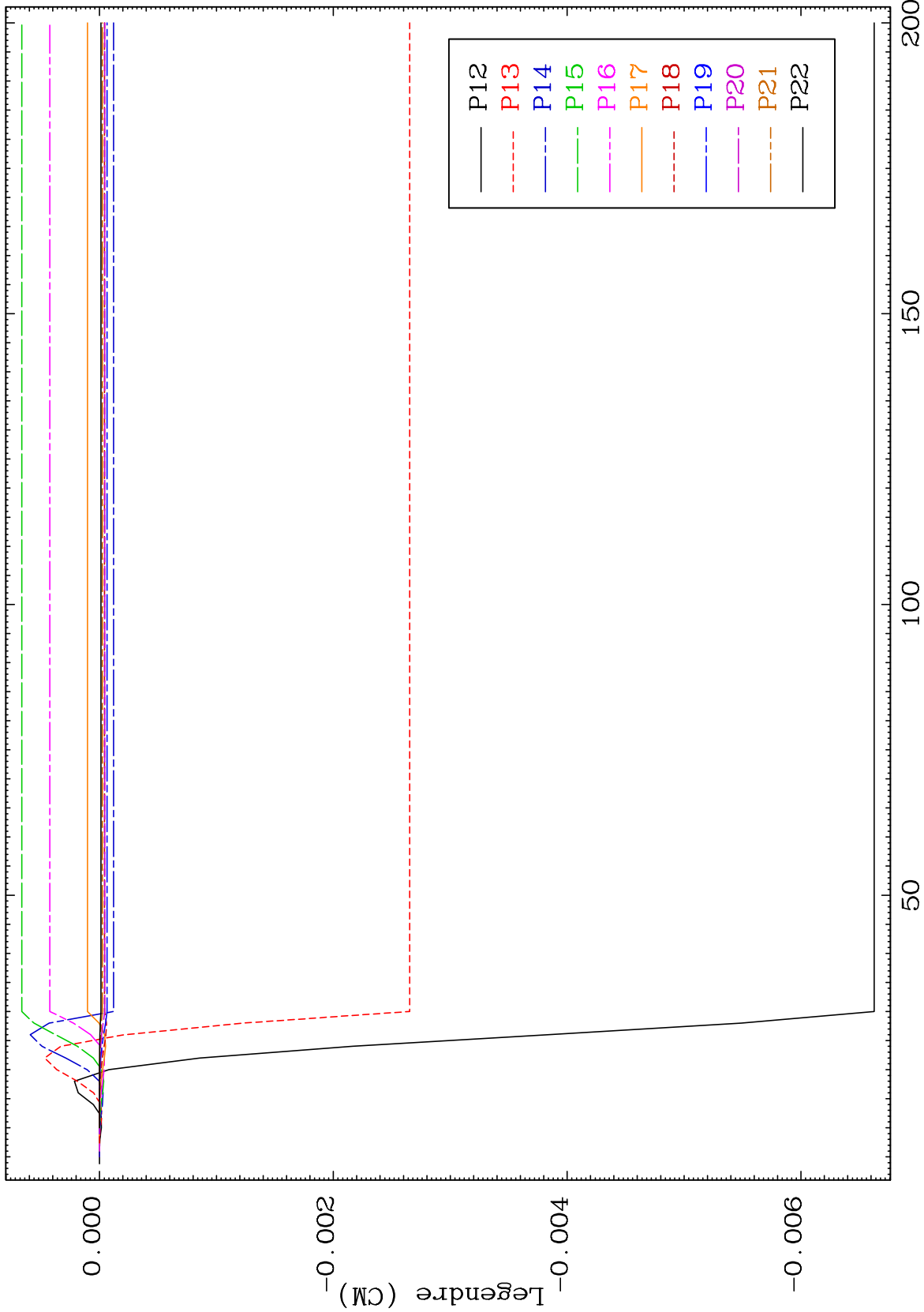
Incident Energy (MeV)

75

MAT 3146

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

31-Ga-76



76

Incident Energy (MeV)

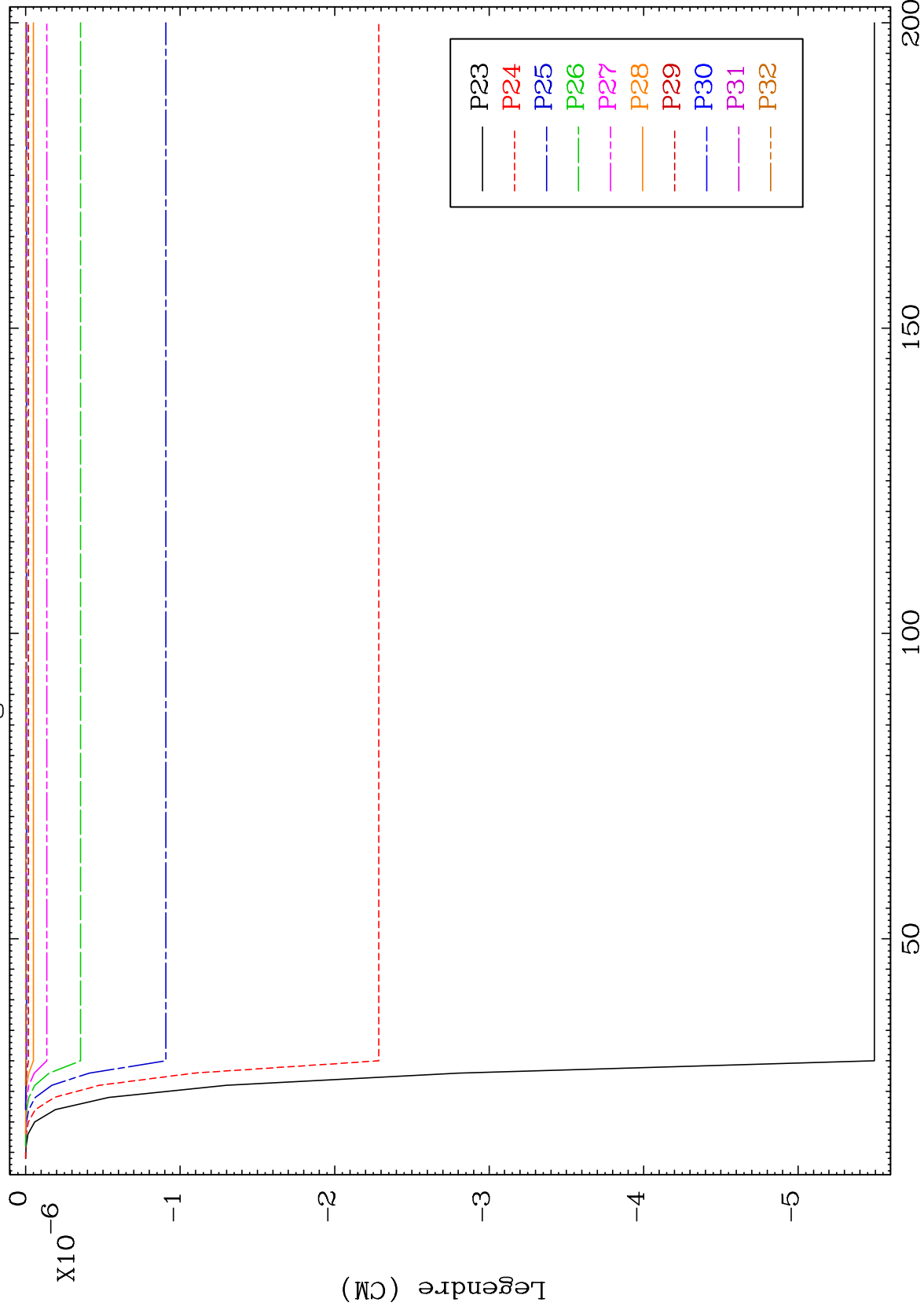
31-Ga-76

MAT 3146

MT= 74 (n,n') Level

31-Ga-76

Legendre Coefficients



77

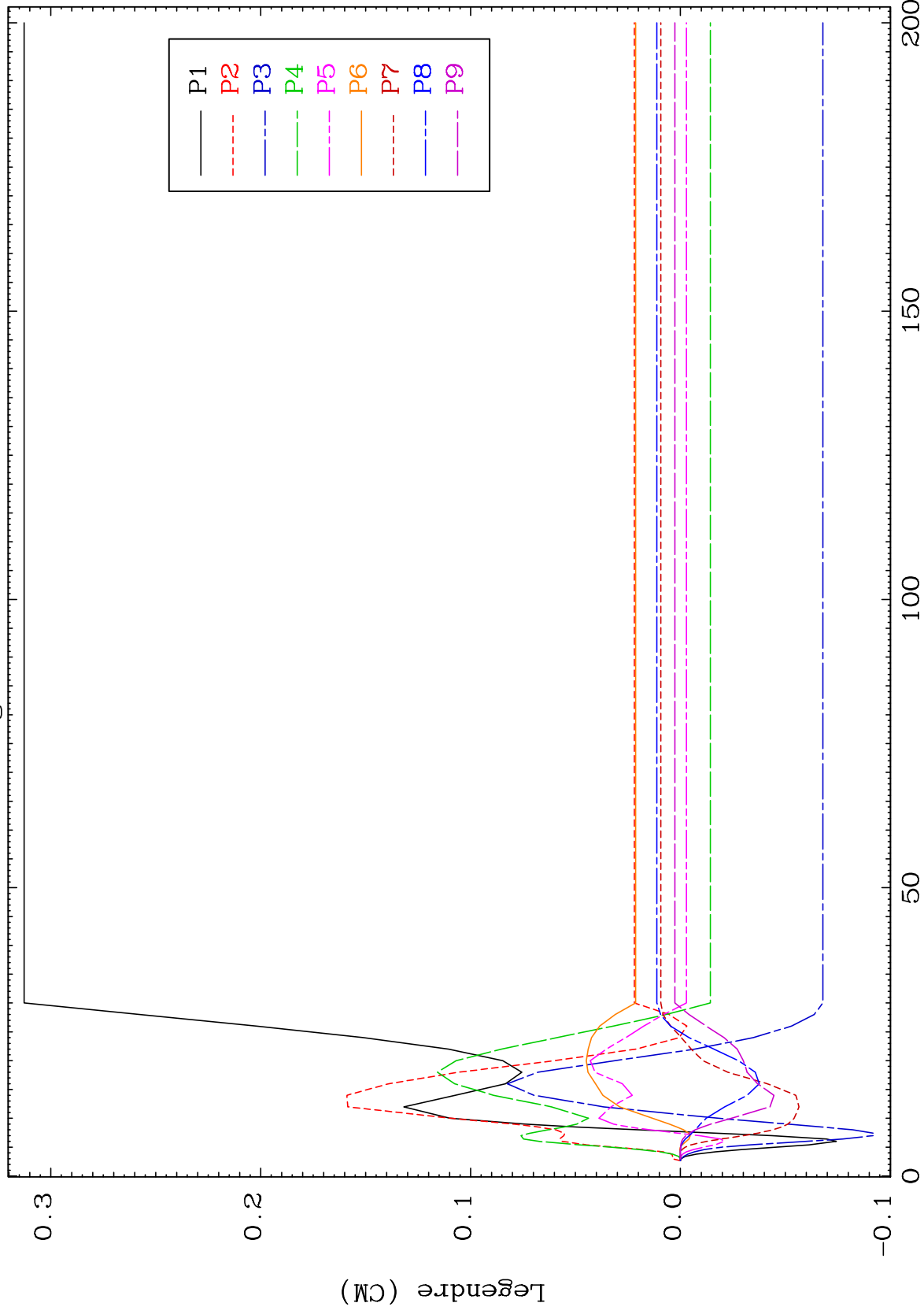
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



78

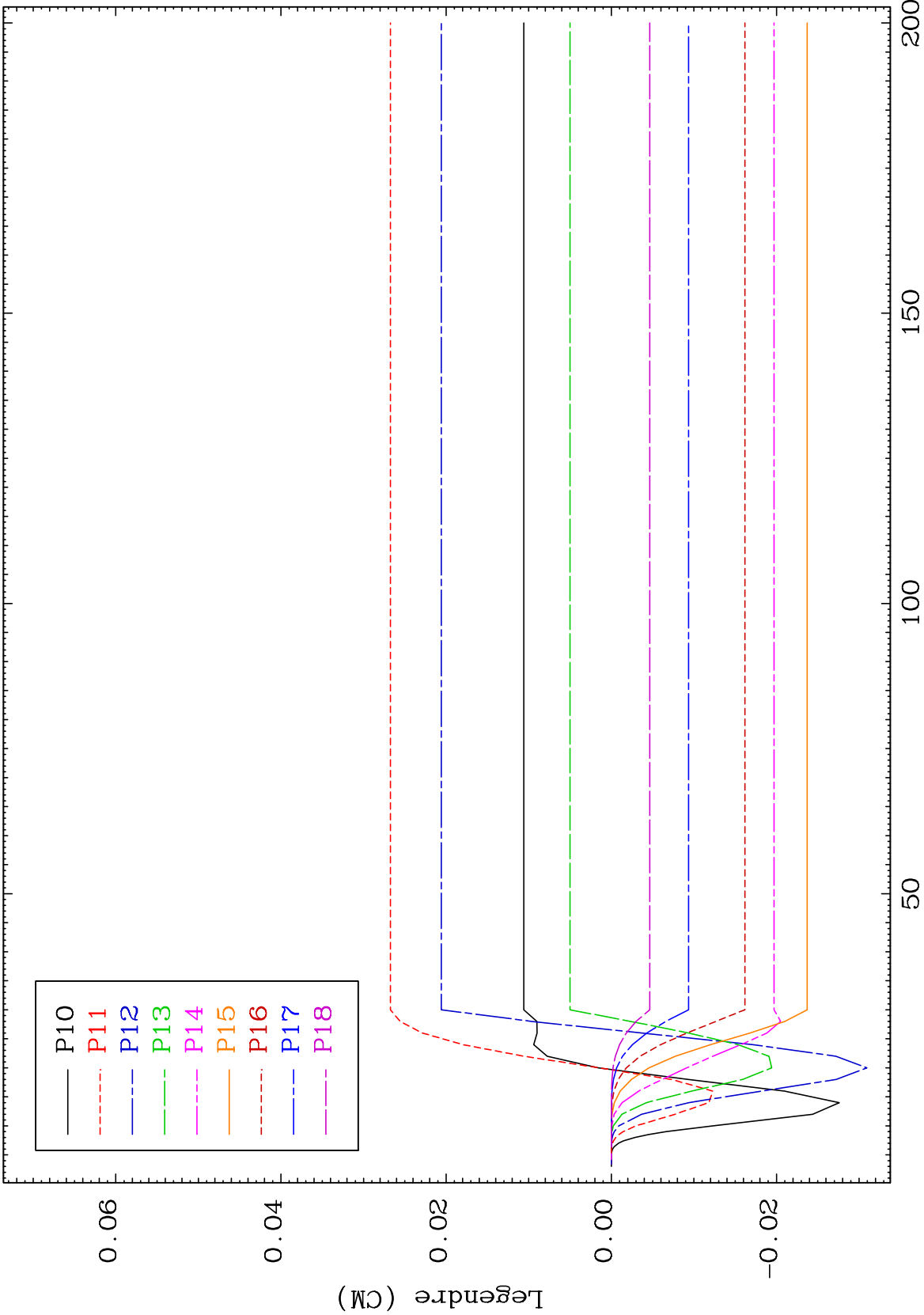
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76

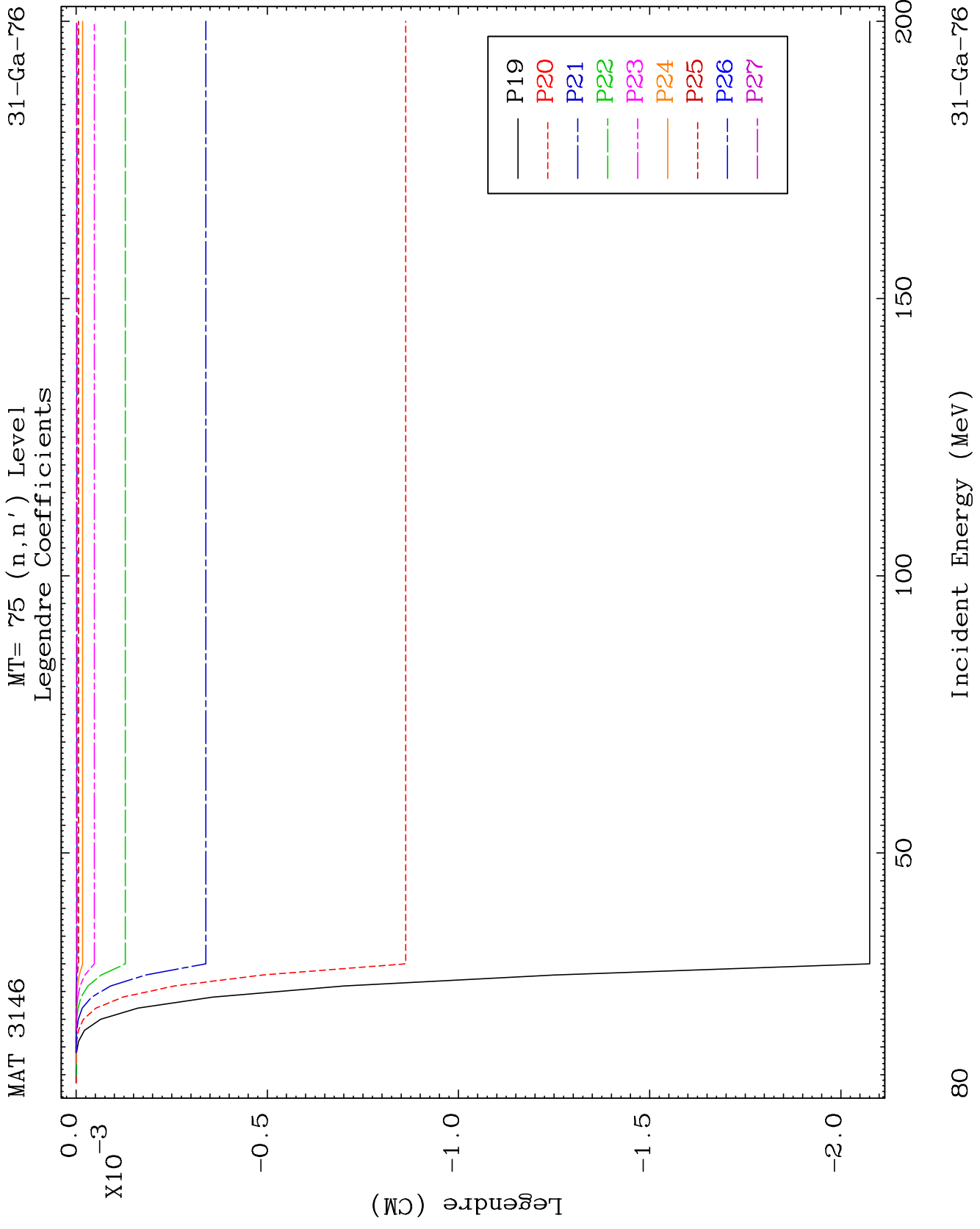


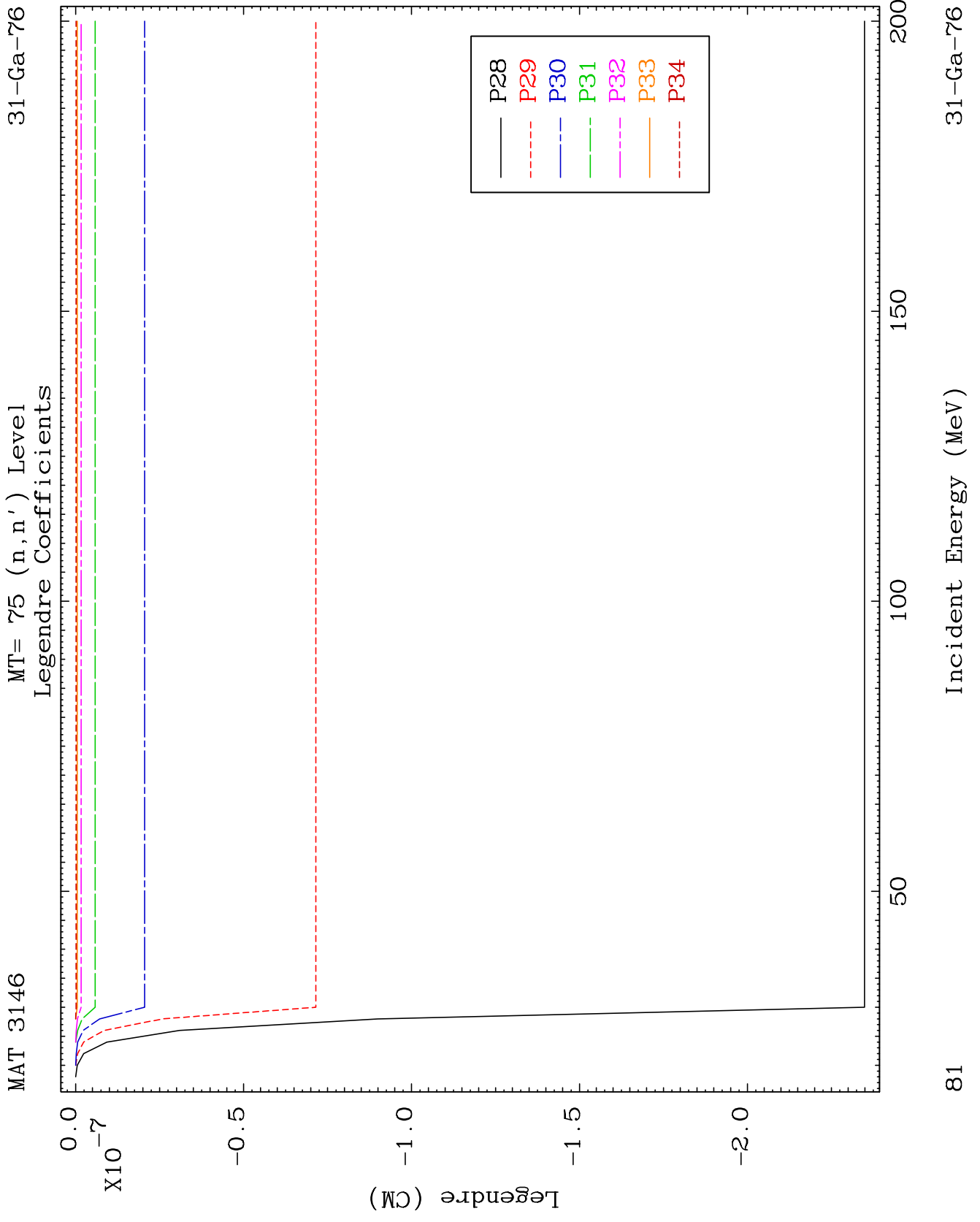
79

Incident Energy (MeV)

31-Ga-76



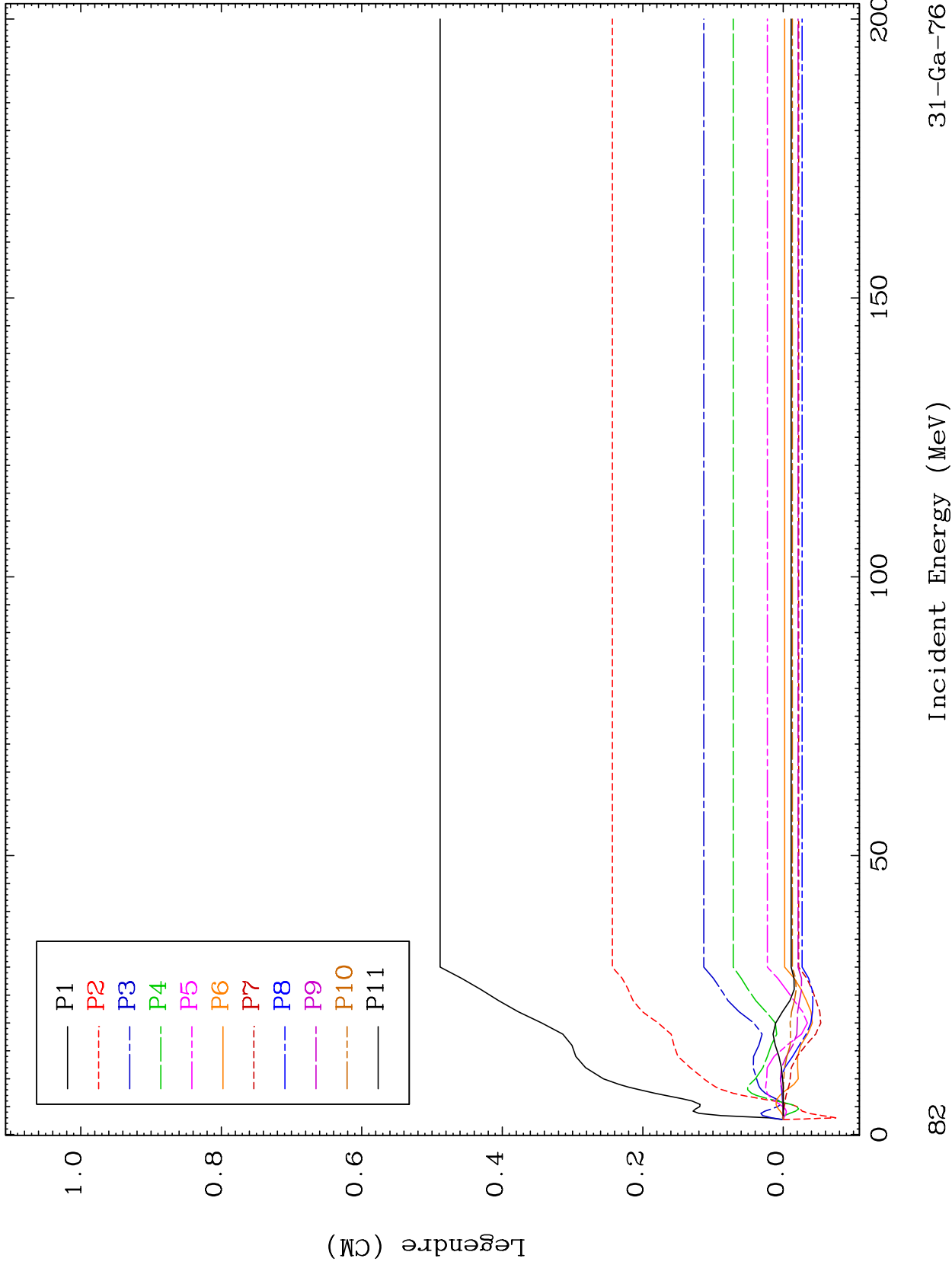




MAT 3146

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

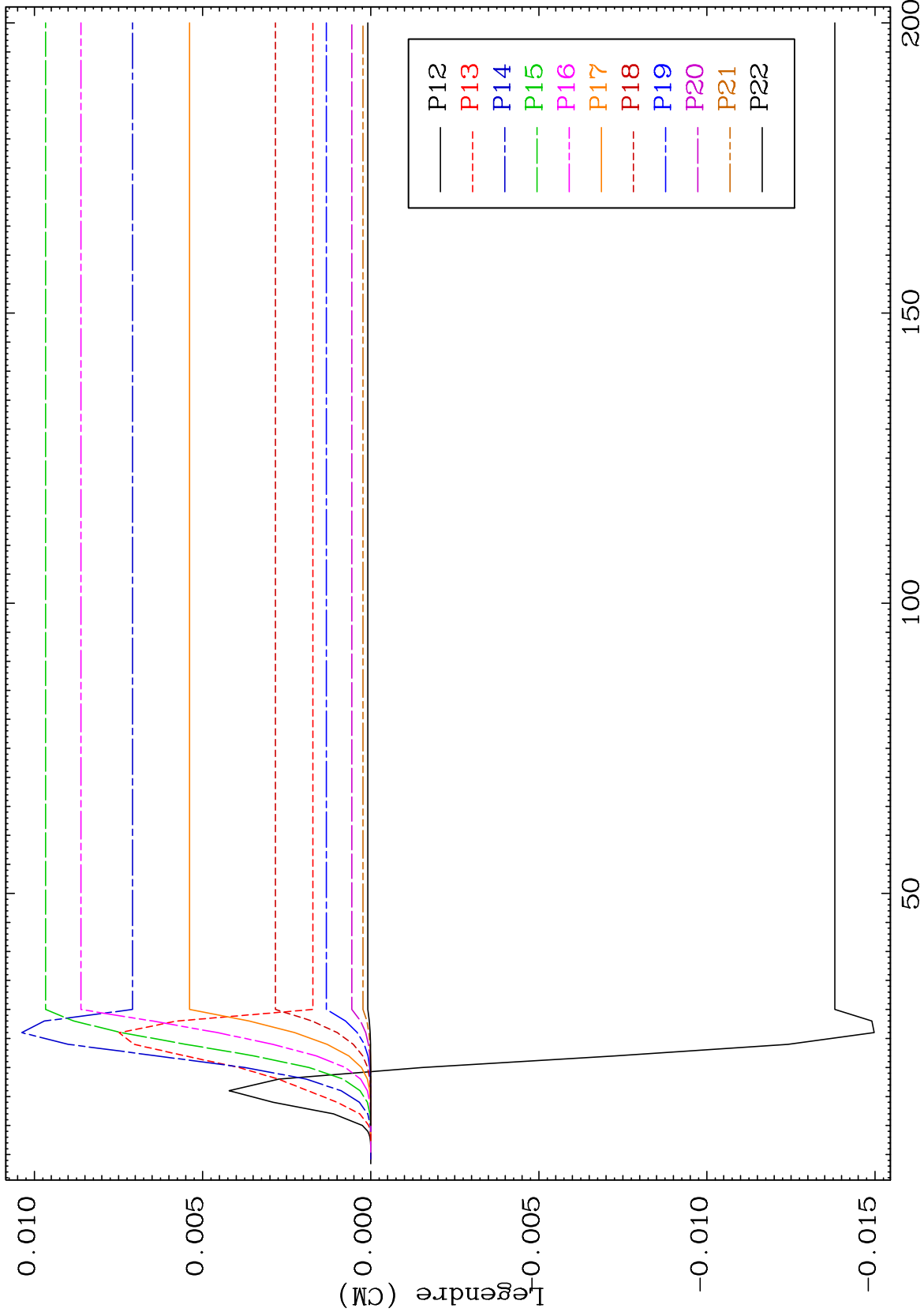
31-Ga-76



MAT 3146

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

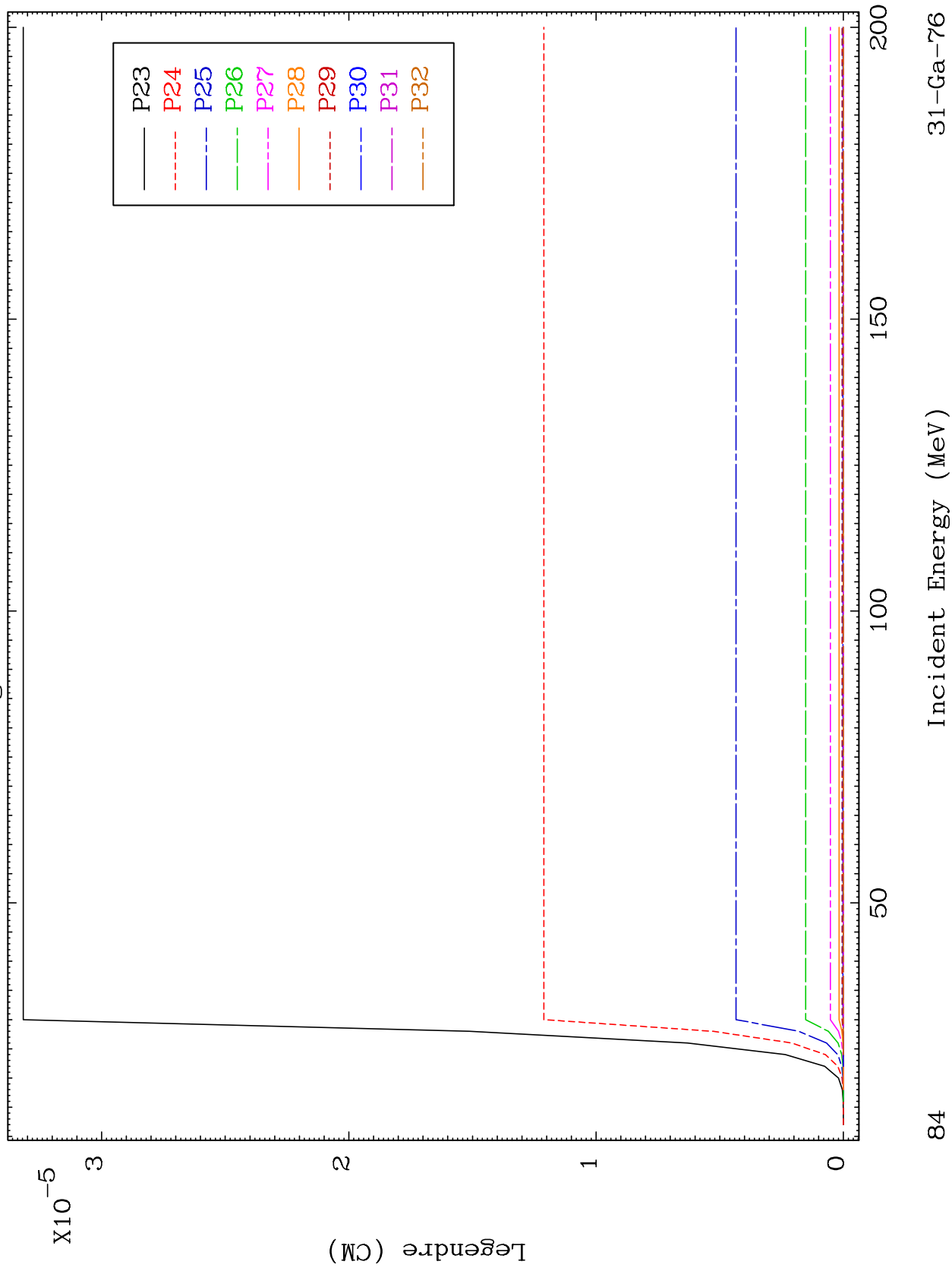
31-Ga-76



MAT 3146

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

31-Ga-76



84

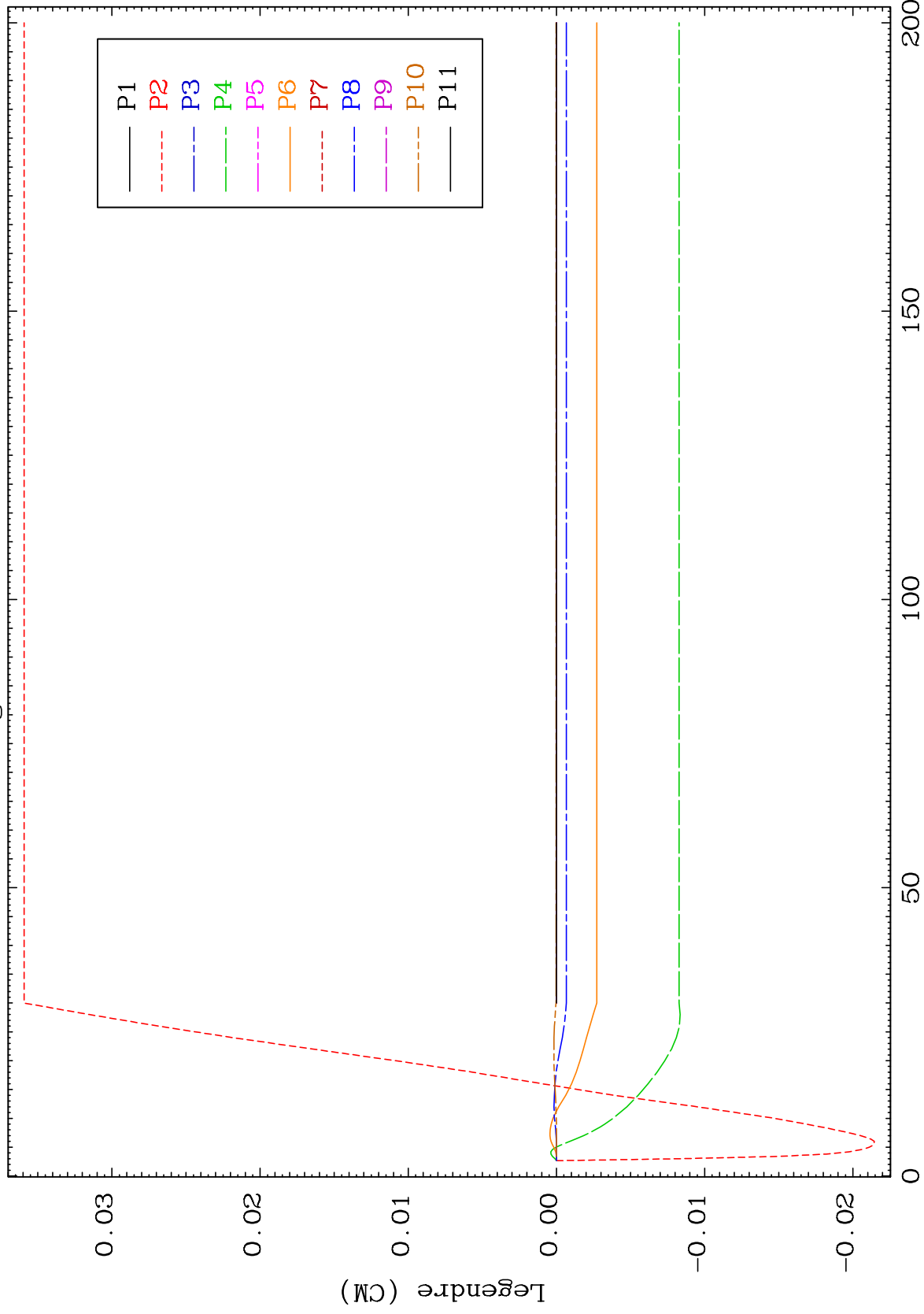
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



31-Ga-76

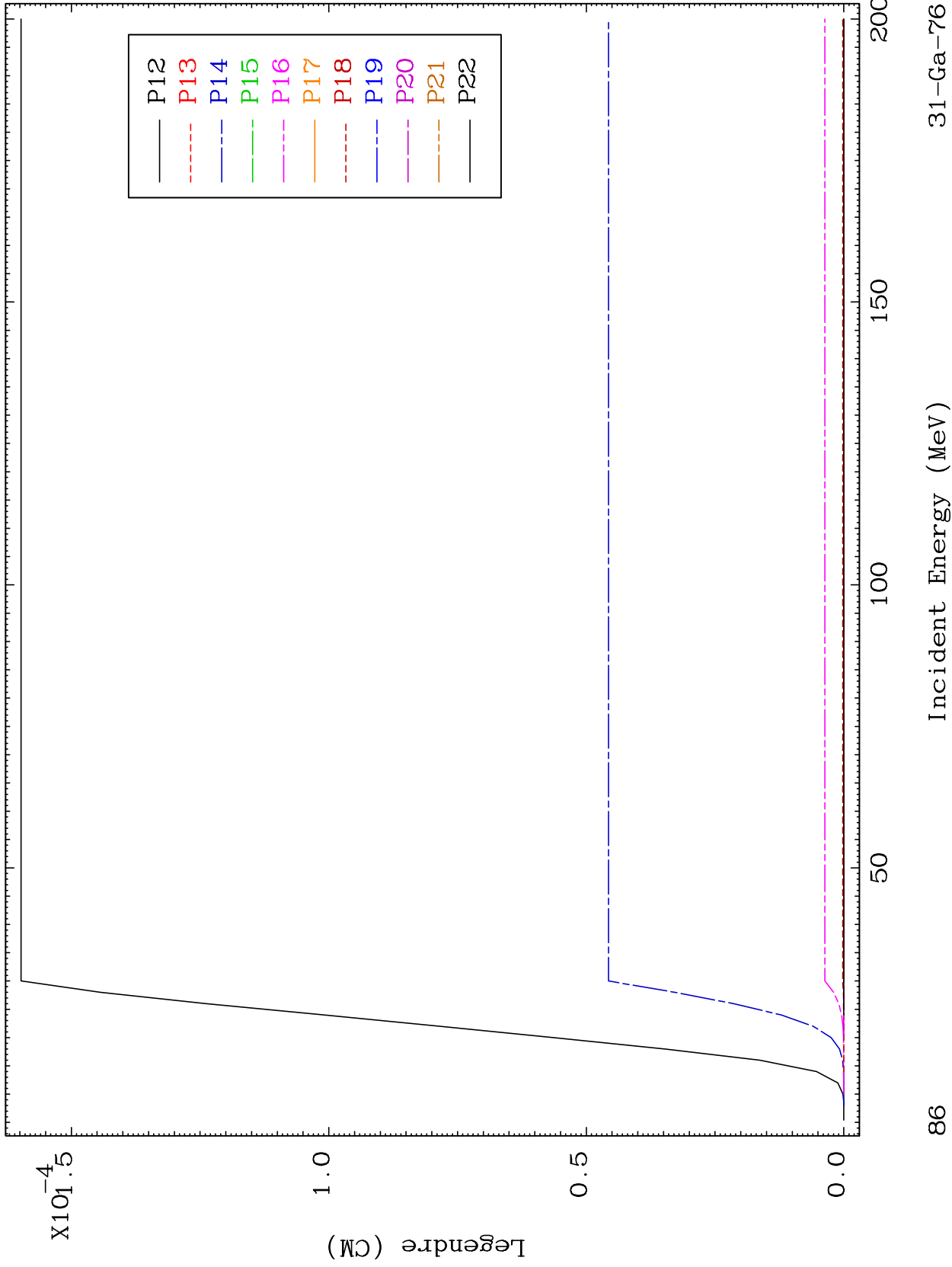
Incident Energy (MeV)

85

MAT 3146

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

31-Ga-76



86

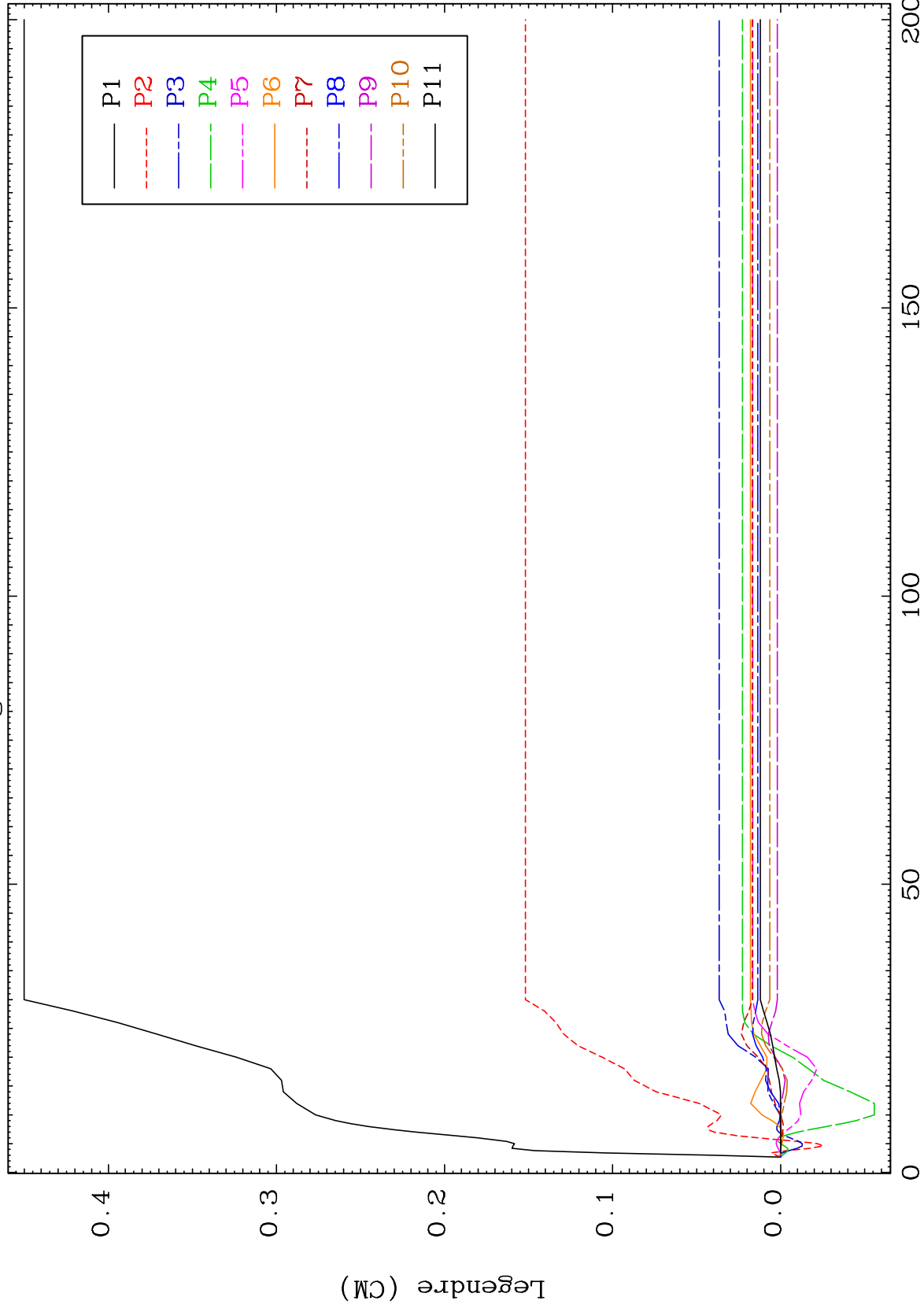
Incident Energy (MeV)

31-Ga-76

MAT 3146

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

31-Ga-76



87

Incident Energy (MeV)

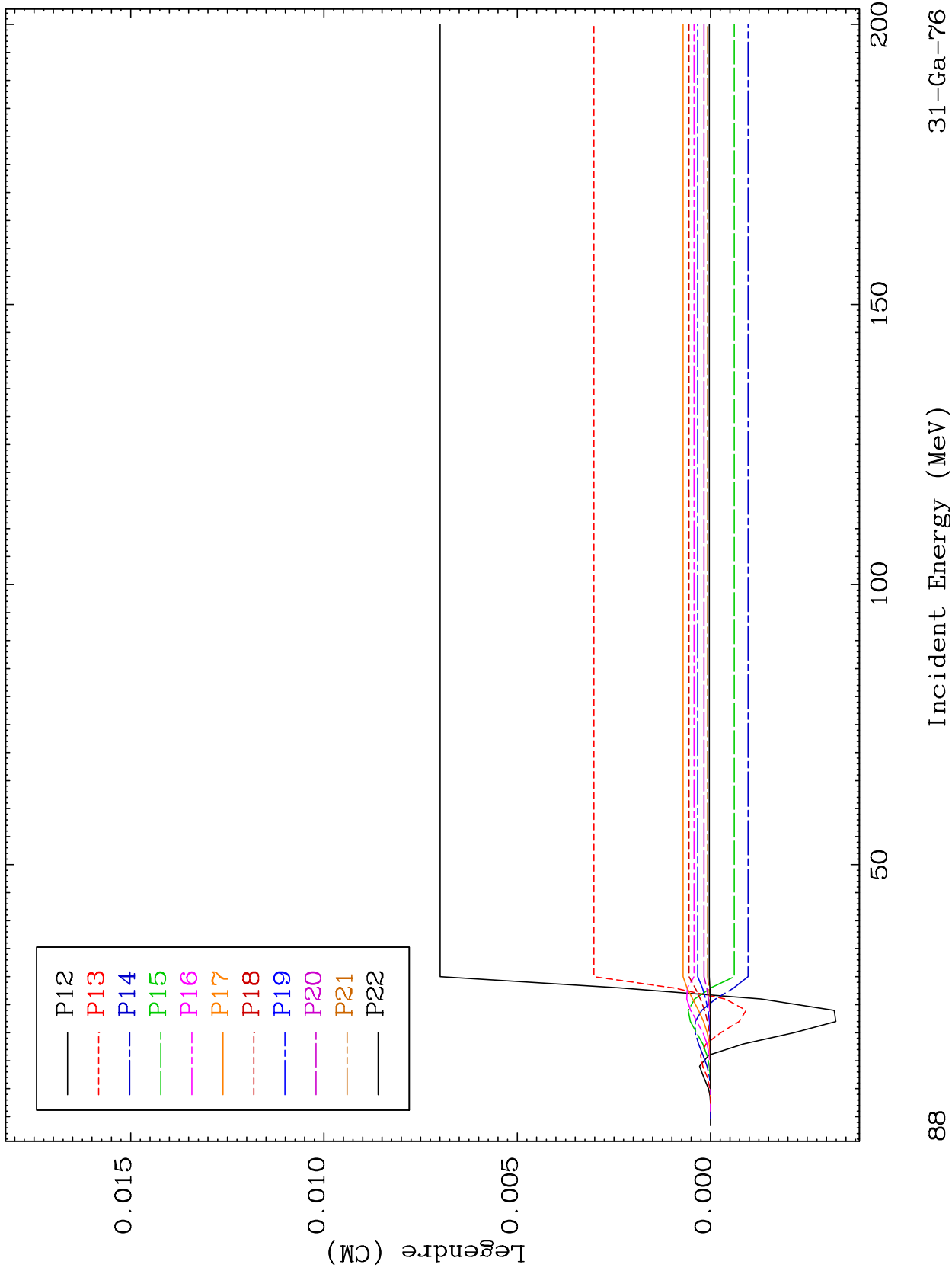
31-Ga-76



MAT 3146

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

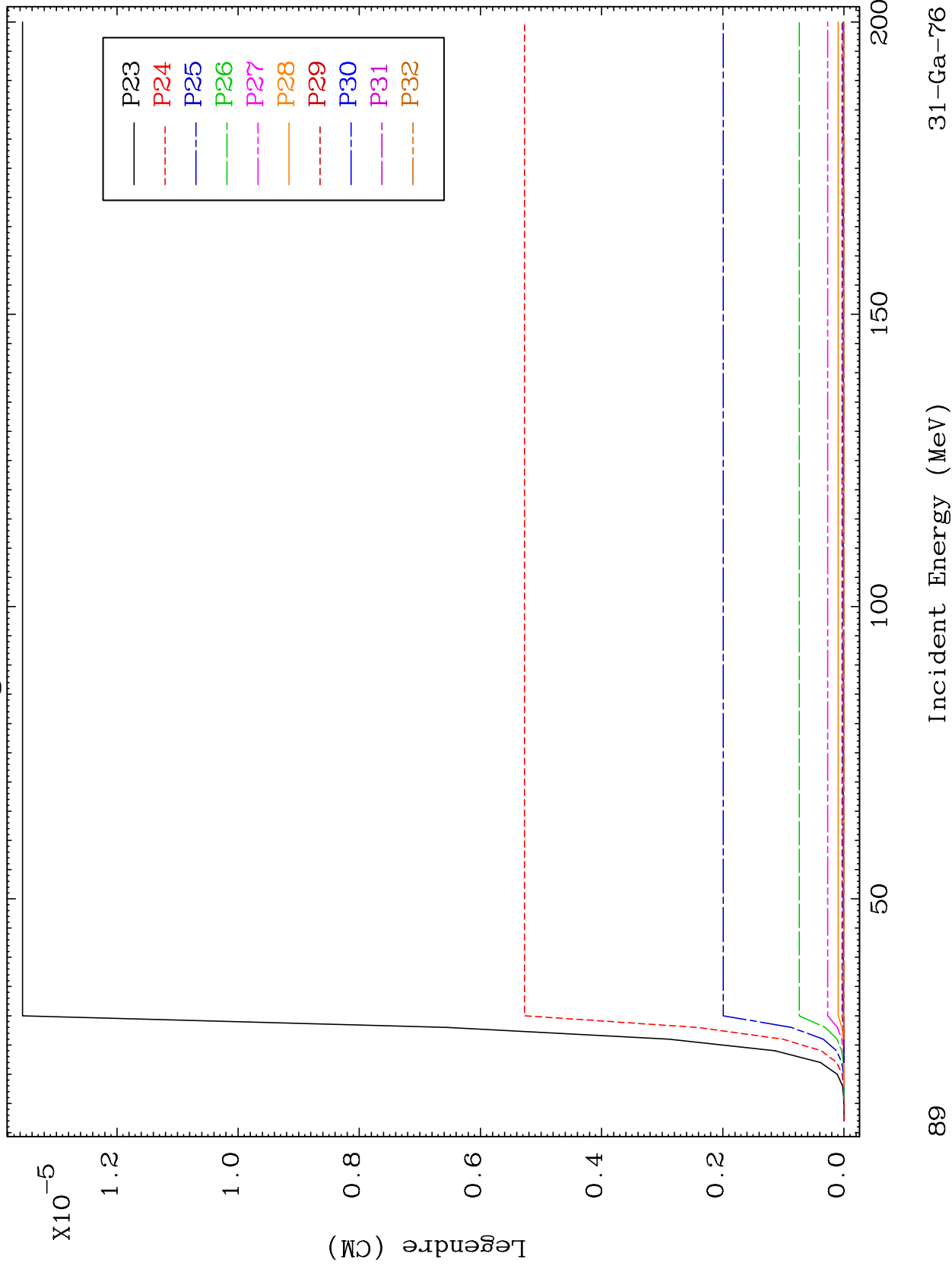
31-Ga-76



MAT 3146

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

31-Ga-76

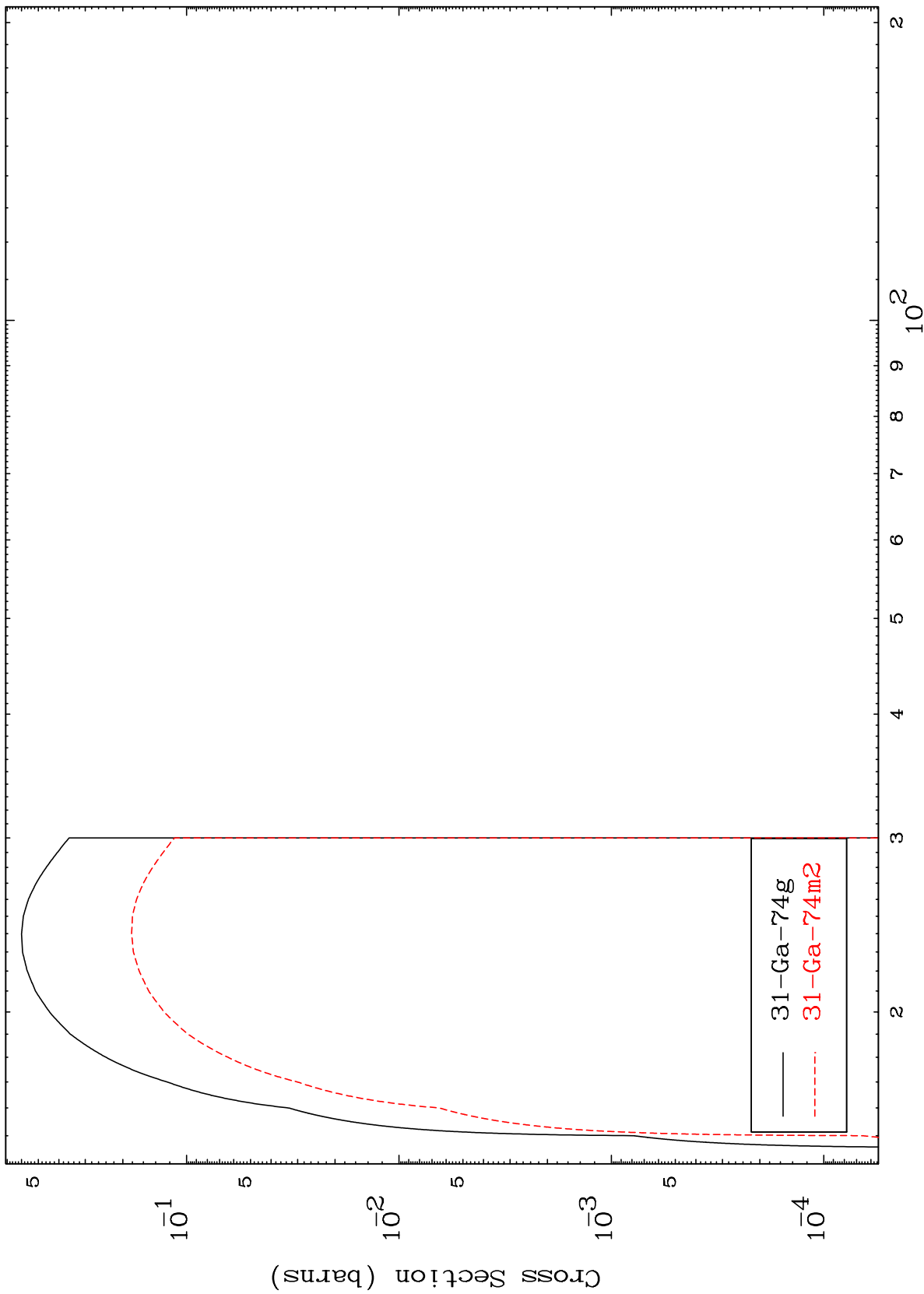


89

MAT 3146

<sup>31</sup>Ga-76

(n,3n)  
Radionuclide Production Cross Section



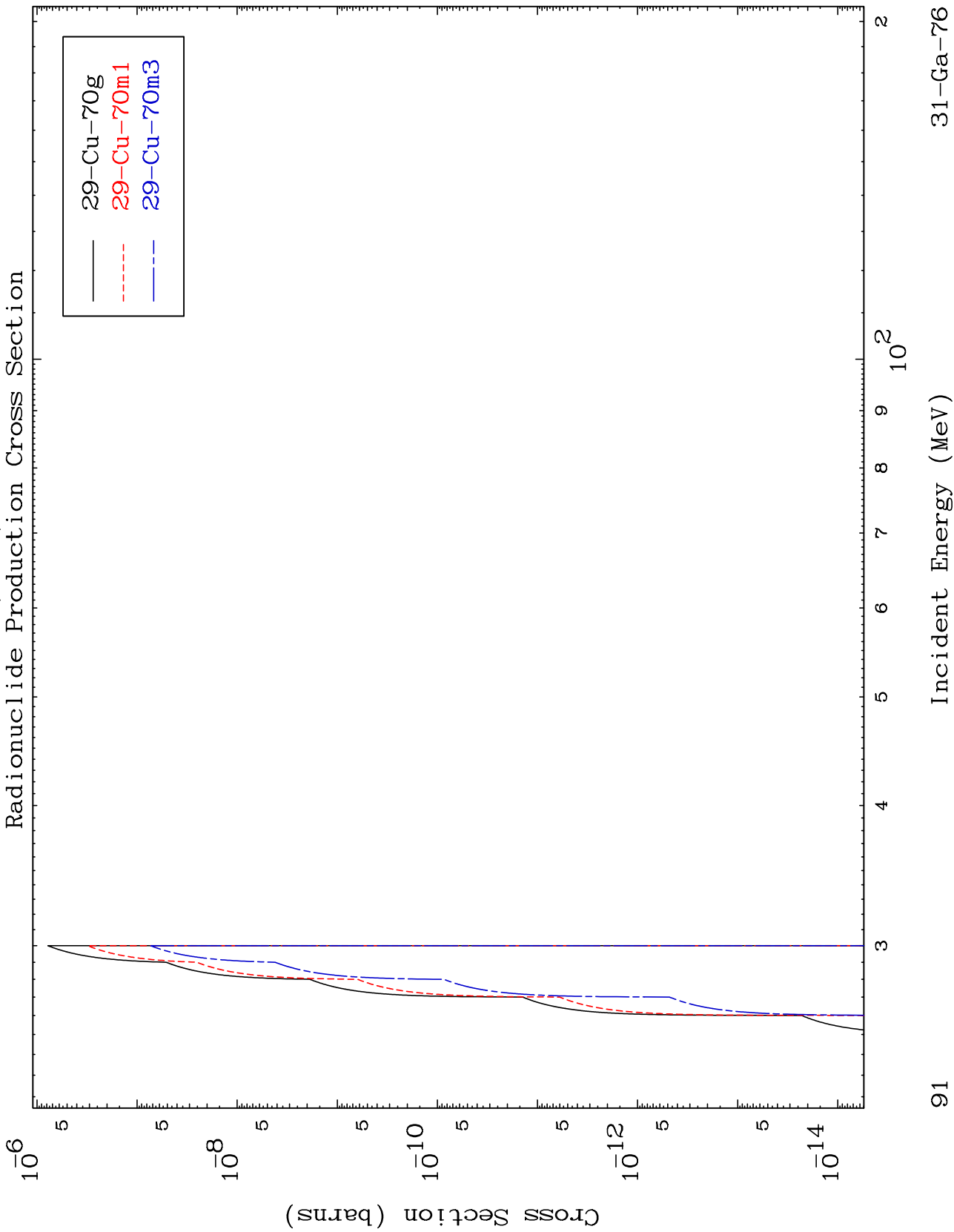
90

<sup>31</sup>Ga-76

MAT 3146

$(n,3n) \alpha$

31-Ga-76



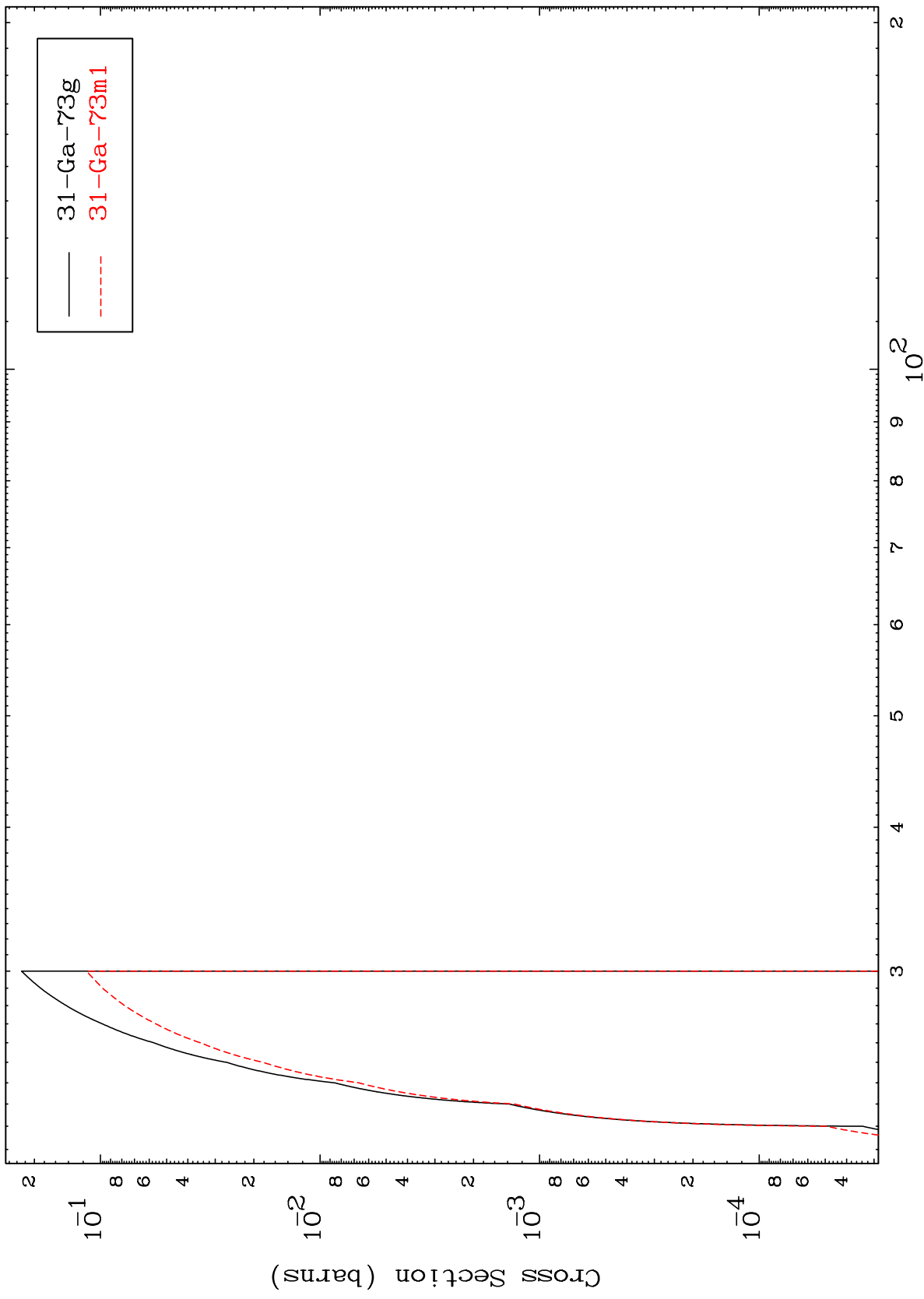
91

31-Ga-76

MAT 3146

<sup>31</sup>Ga-76

(n,4n)  
Radionuclide Production Cross Section



92

<sup>31</sup>Ga-76